Embedding QA

embedding + real

Color code for embedding and real data

- MC (black)
- Reconstructed embedding tracks* (red)
- Real** (blue)

* matched pairs or contaminated pairs

** black is also used, see legend for each pad

Event & track selections

*** Event selections

z-vertex cut : $|v_z| < 220.0$ cm

trigger id cut : id = 720000

NOTE: Trigger id cut for real data has to be made manually in doEmbeddingQAMaker.C

*** Track selections

$0.0 < p_T < 5.0$ GeV/c

$|\eta| < 10.00$

$|y| < 2.50$

nHitsFit > 10

nHitsFit/nHitsPoss > 0.51

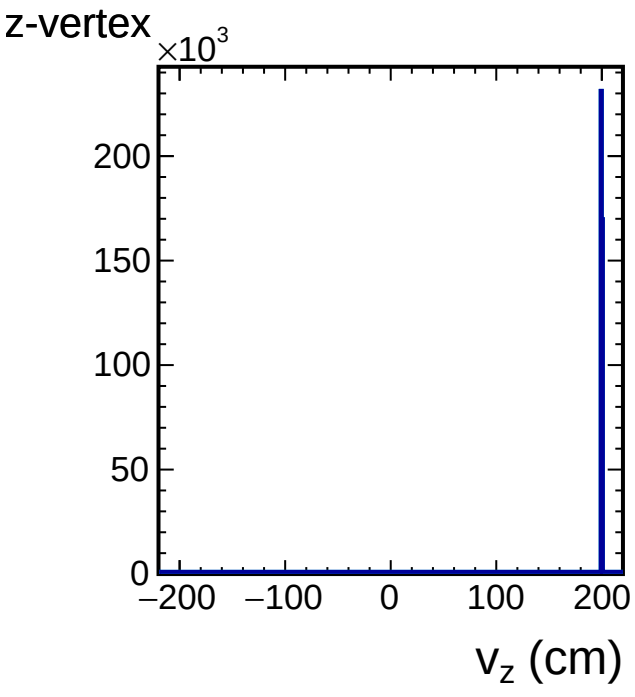
global Dca < 3.0 cm

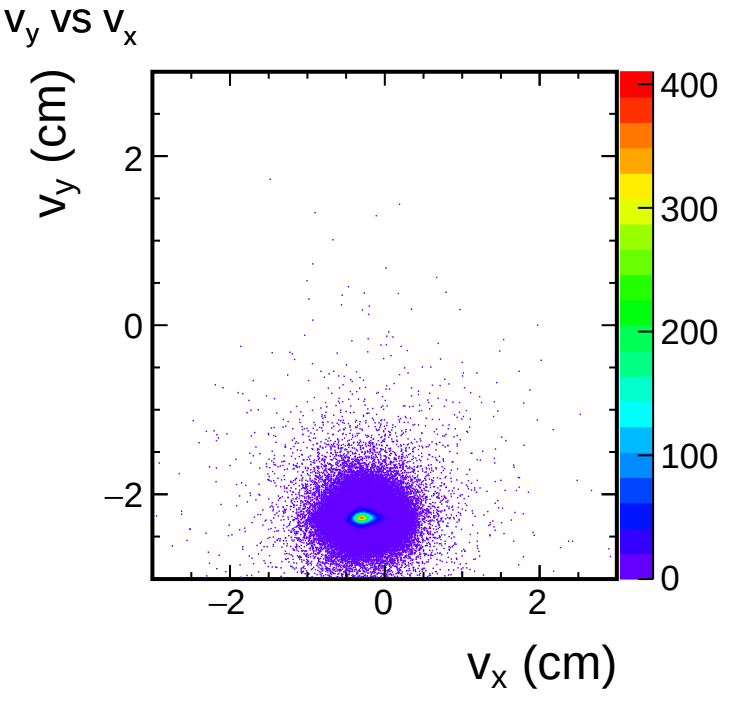
$|n\sigma| < 2.0$, using TPC dE/dx

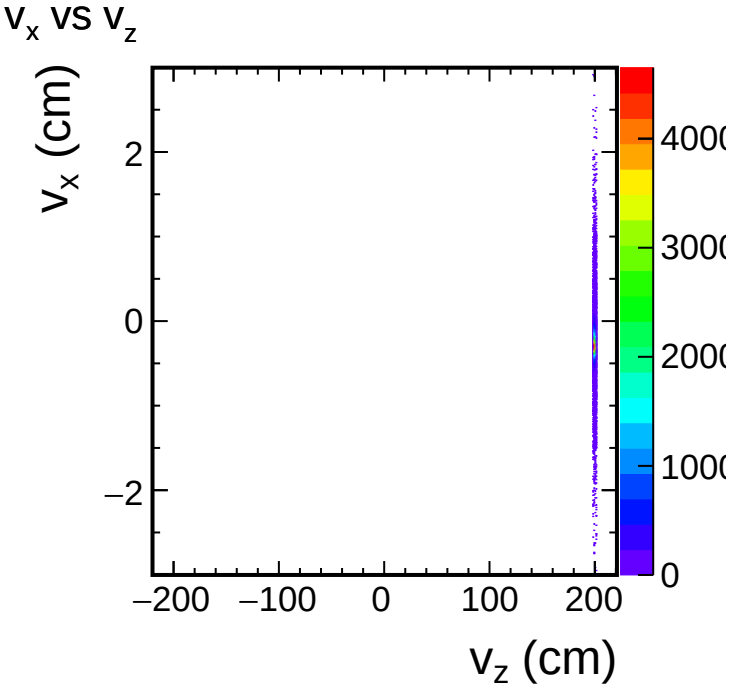
NOTE1: Rapidity cut for real data has to be made manually in doEmbeddingQAMaker.C

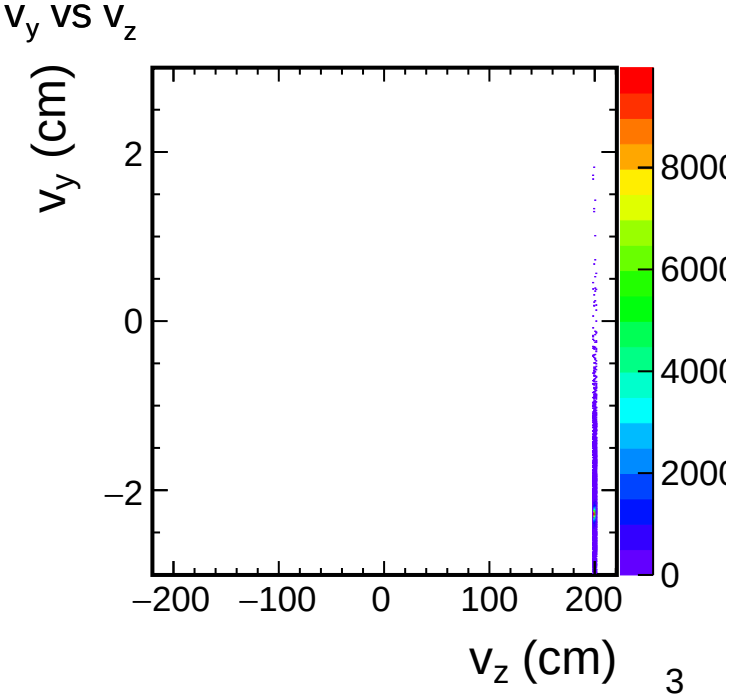
NOTE2: Cut on its own variable is currently disabled, e.x. no dca cut for dca histogram

Event vertices, offline cuts: -220.0 < v_z < 220.0 cm



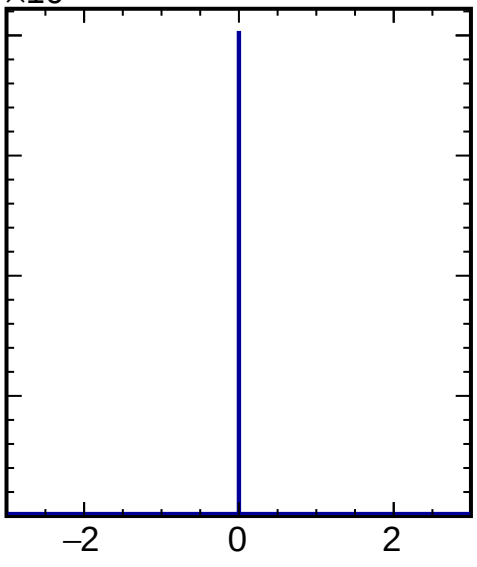






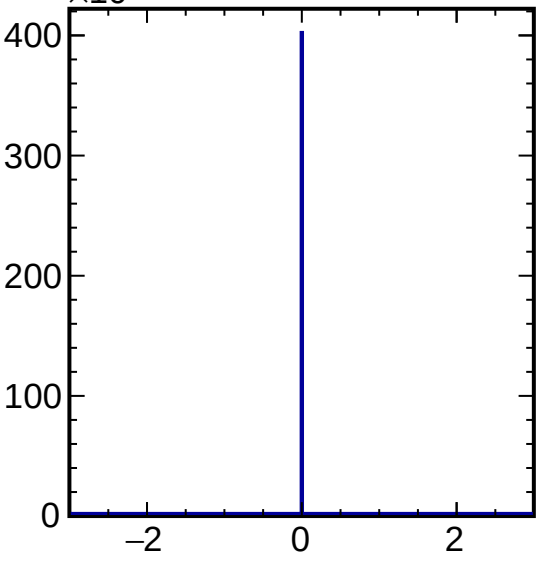
Event vertices, Δv = v(Data) - v(MC)

= v_x - v_x(MC)



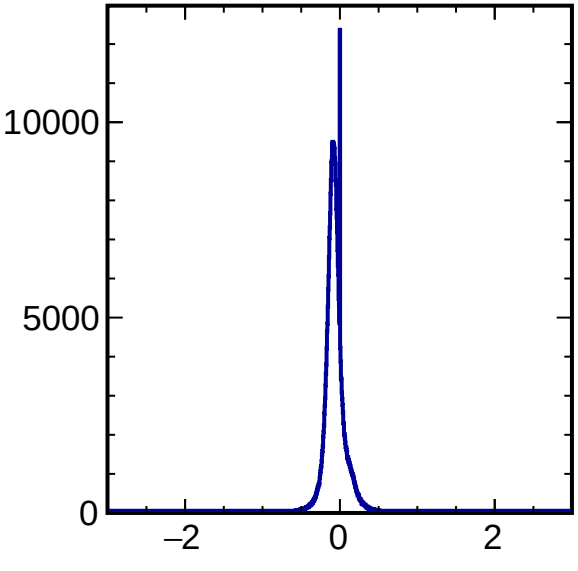
$\Delta v_x = v_x - v_x(MC)$ (cm)

= v_y - v_y(MC)



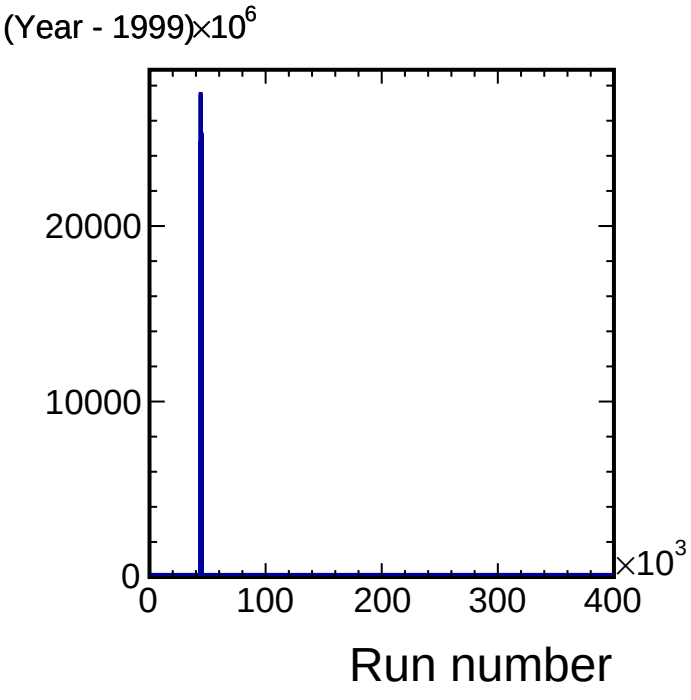
$\Delta v_y = v_y - v_y(MC)$ (cm)

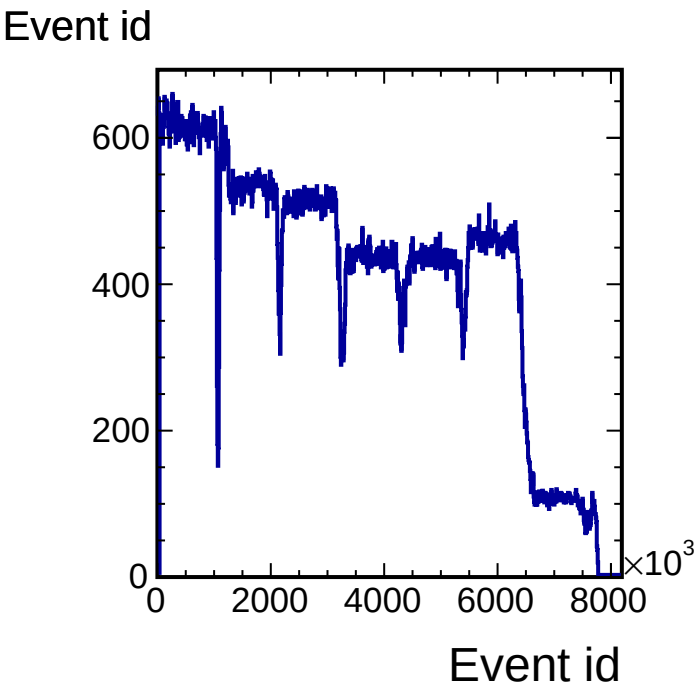
= v_z - v_z(MC)



$\Delta v_z = v_z - v_z(MC)$ (cm)

Run and event id





Run id	statistics
21044028	994 events
21044029	22782 events
21044030	15734 events
21044031	12523 events
21044032	27527 events
21044033	282 events

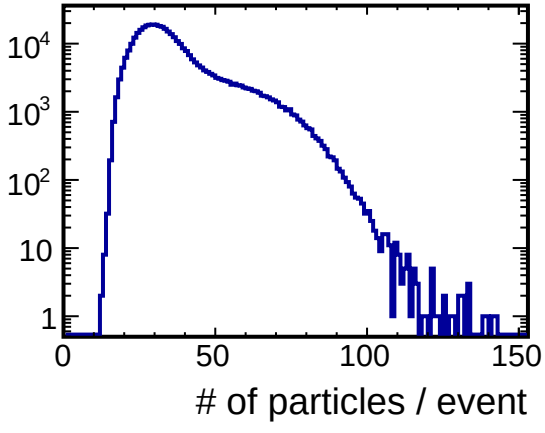
Run id	statistics
21044034	13213 events
21044036	12266 events
21044037	9362 events
21044038	23313 events
21044039	24694 events
21044040	22955 events

Run id	statistics
21044041	15280 events
21044042	24688 events
21044043	18805 events
21045001	23295 events
21045002	21765 events
21045003	16961 events

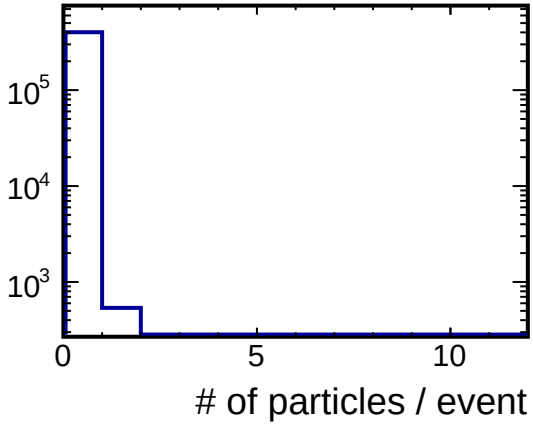
Run id	statistics
21045005	15450 events
21045006	22502 events
21045007	20539 events
21045008	834 events
21045009	25225 events
21045011	11092 events

Multiplicity distribution

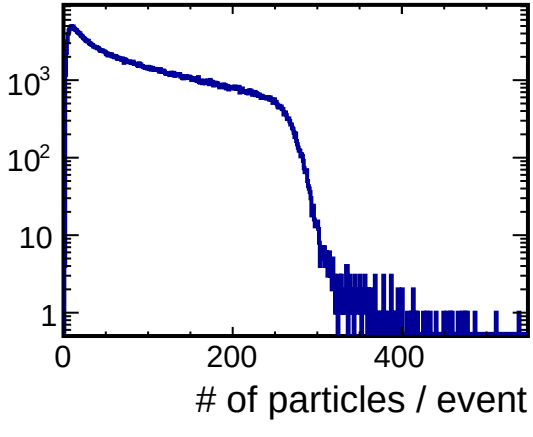
MC tracks



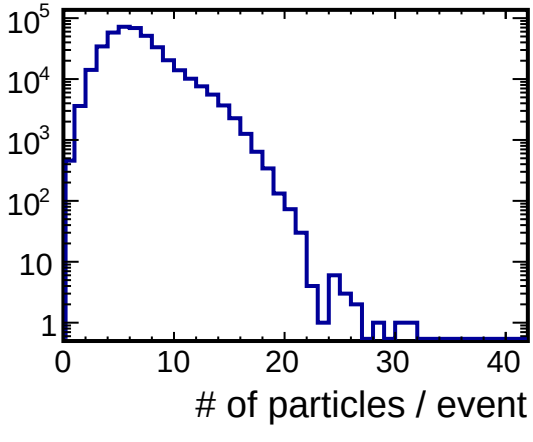
Matched pairs



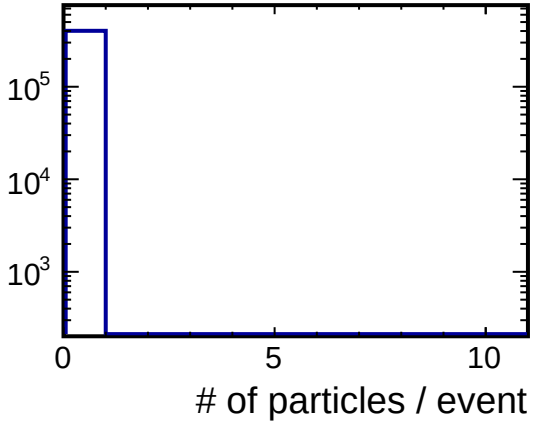
Ghost pairs



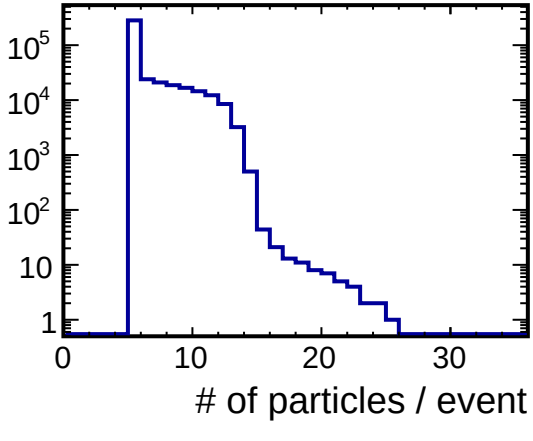
ıtaminated pairs



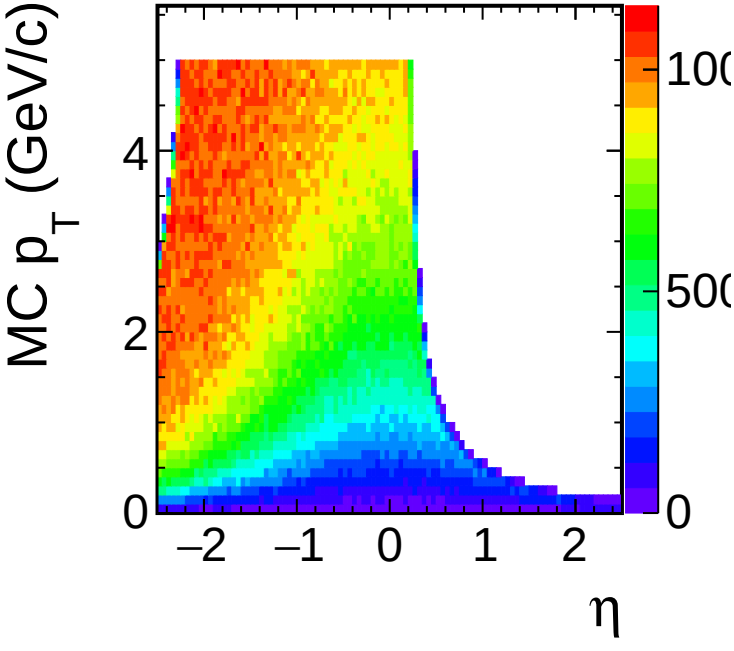
ched global pairs

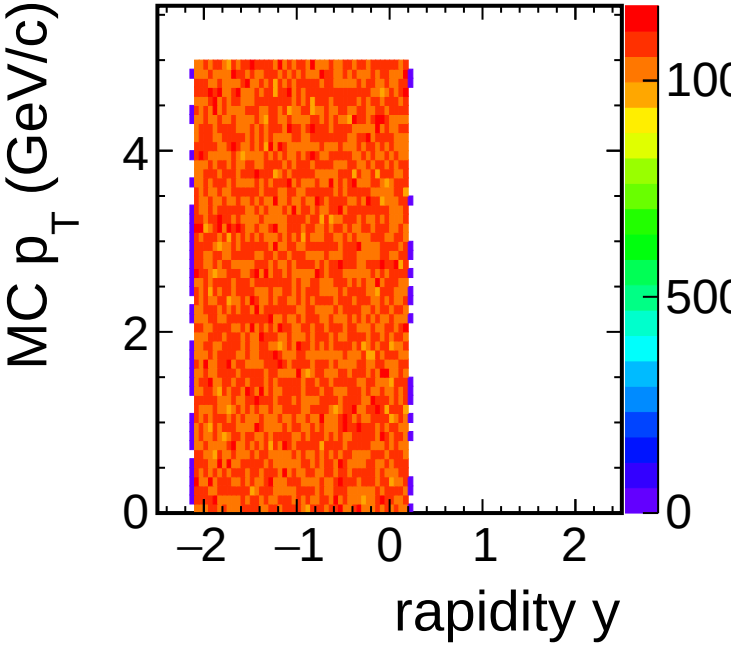


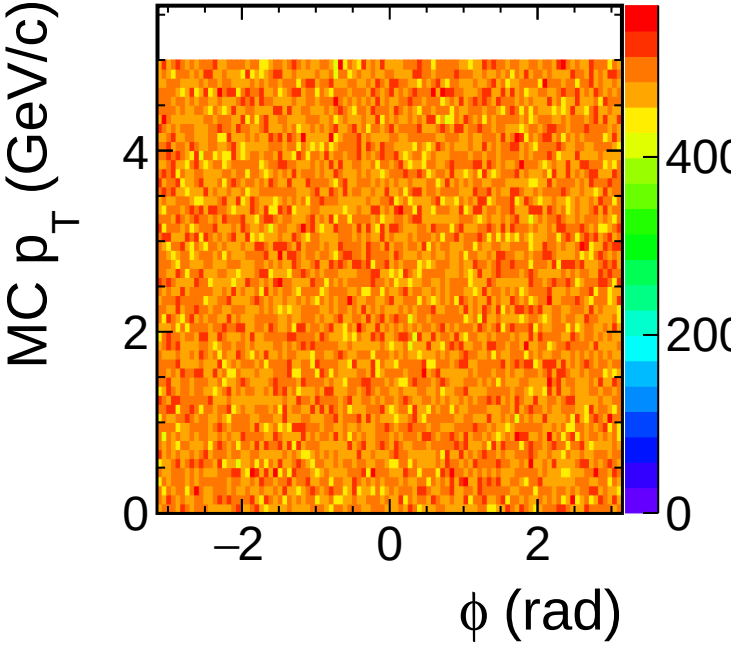
mary MC tracks



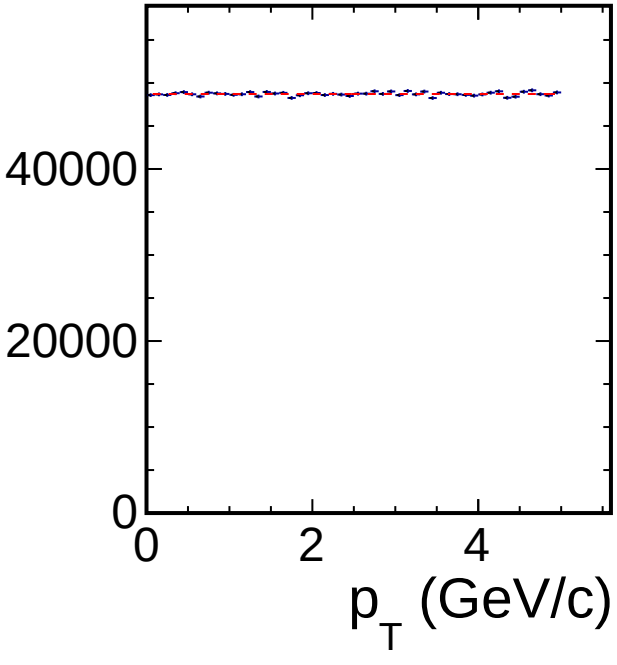
MC track QA (2D)

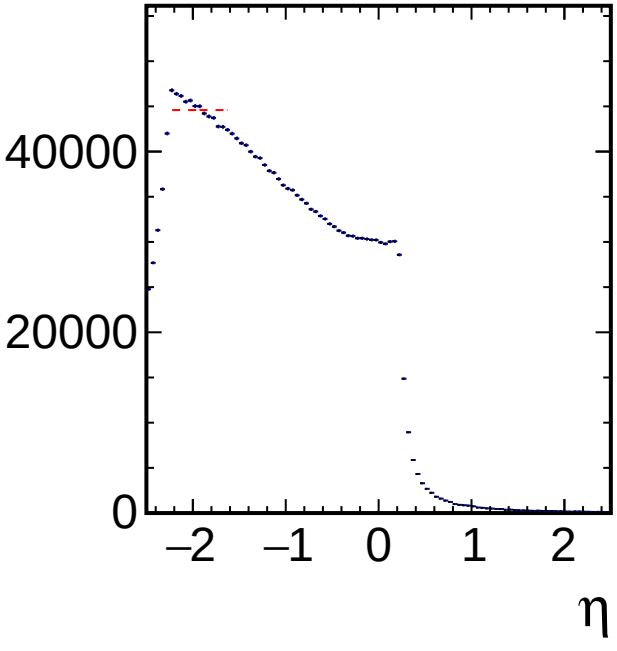


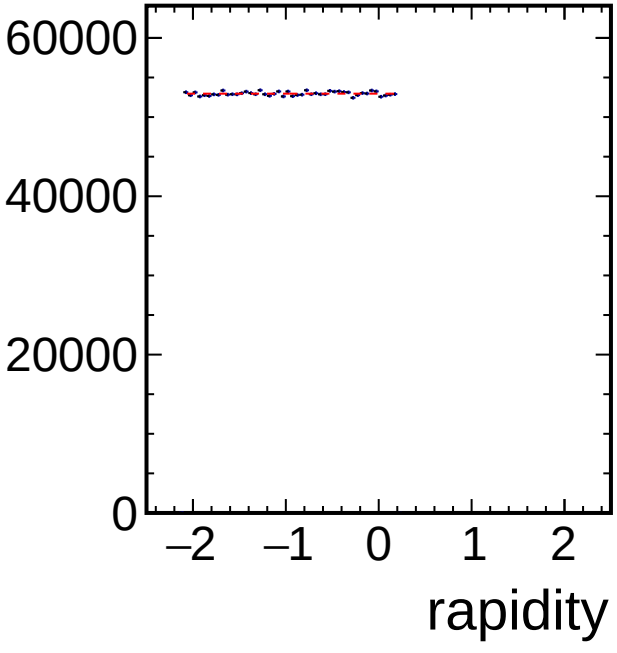


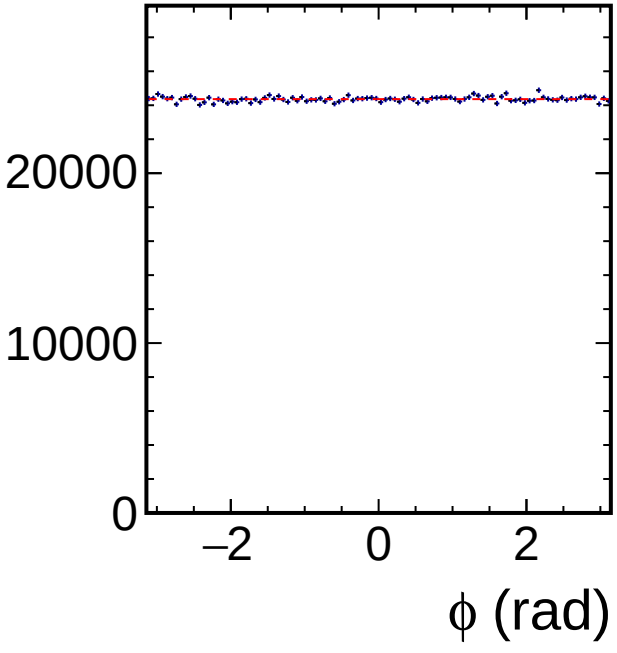


MC track QA (1D)



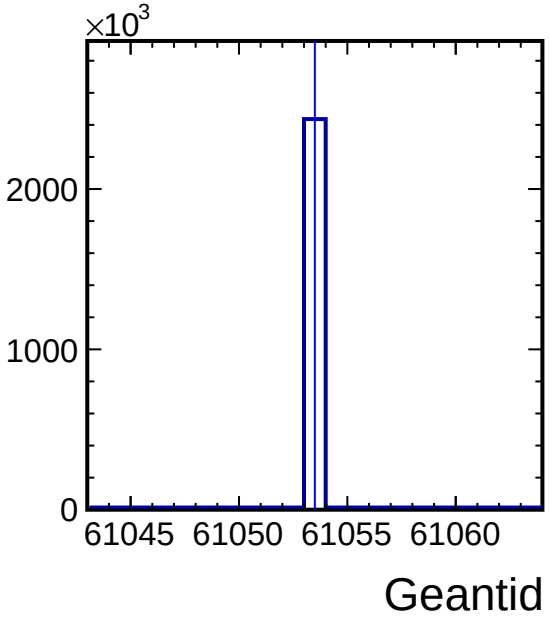




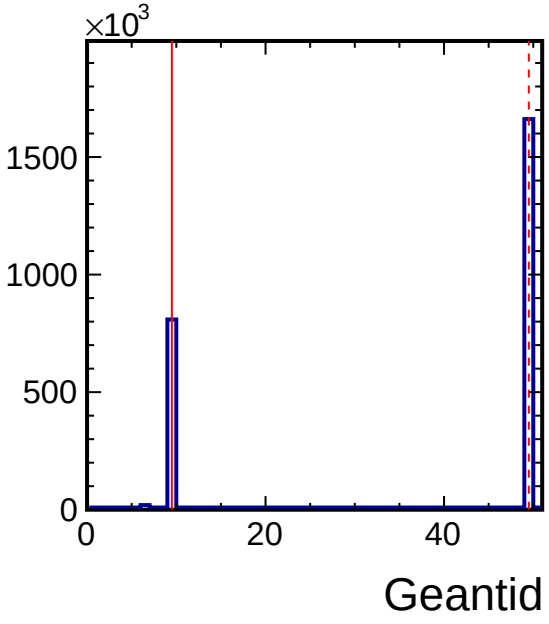


Geant id

ıt id for HyperTriton



tructed geant id



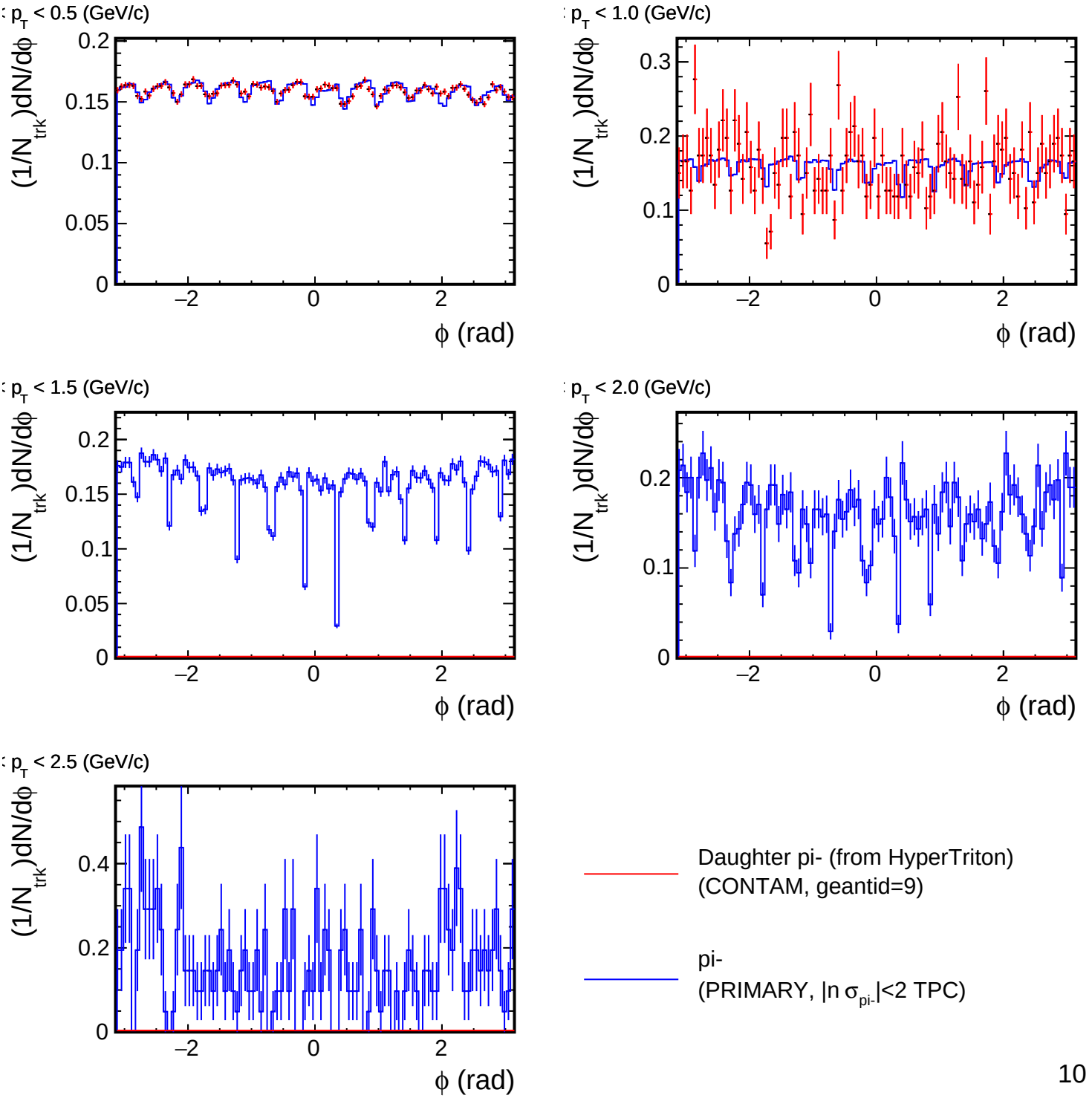
Particle informations

Parent HyperTriton (MC, geantid=61053)

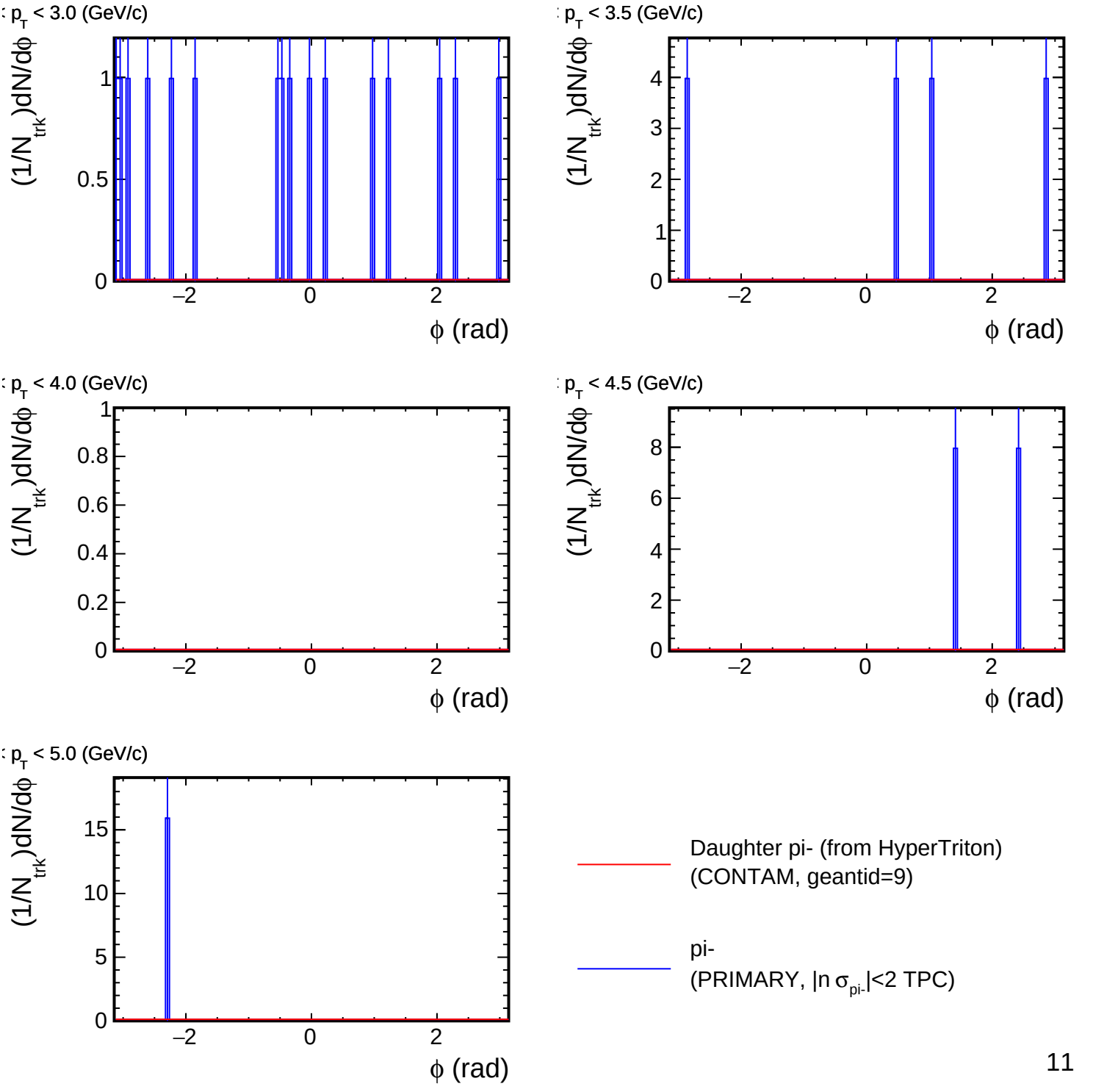
Daughter pi- (from HyperTriton) (CONTAM, geantid=9)

Daughter He3 (from HyperTriton) (CONTAM, geantid=49)

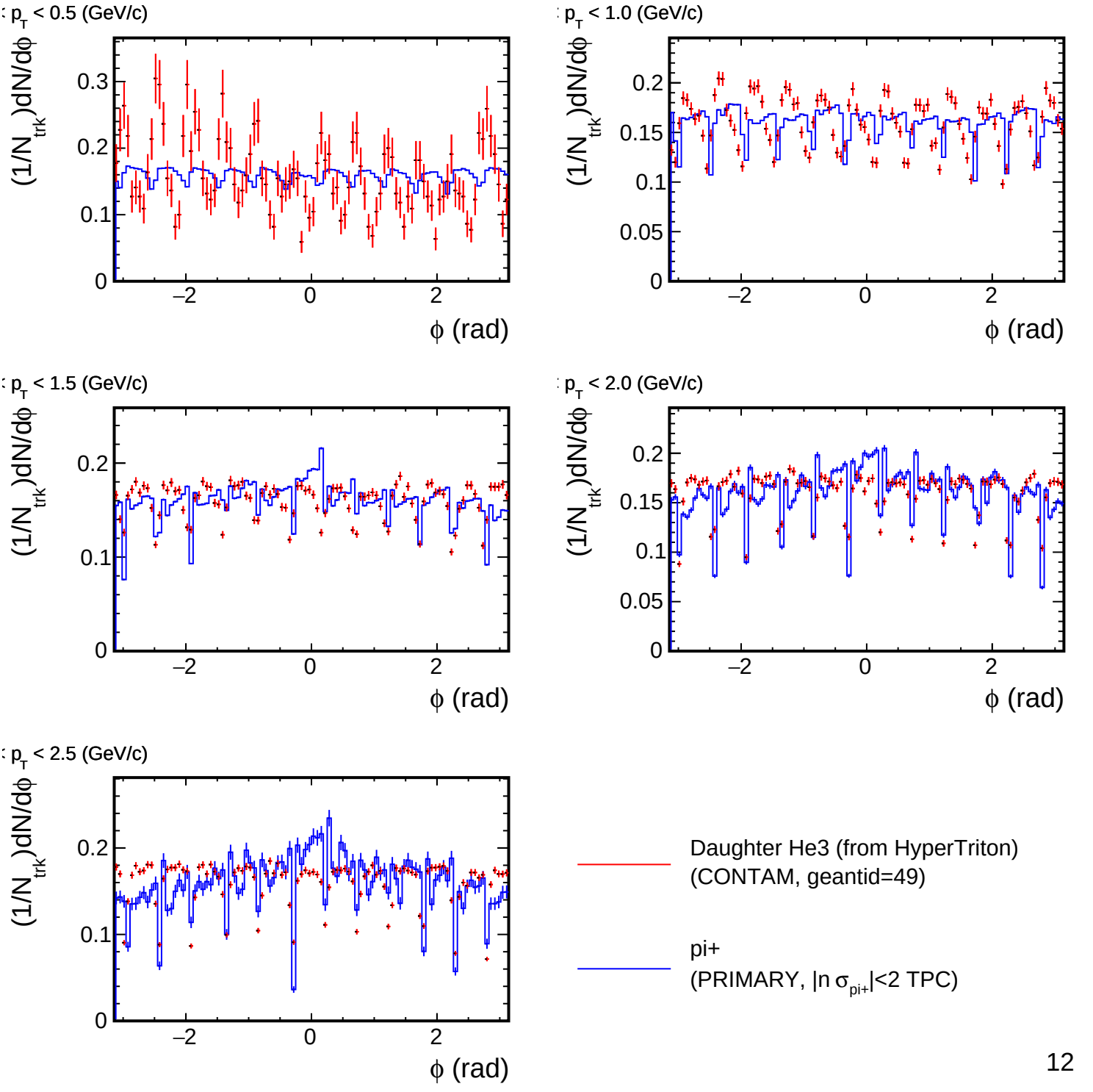
Projection of ϕ for each p_T bin



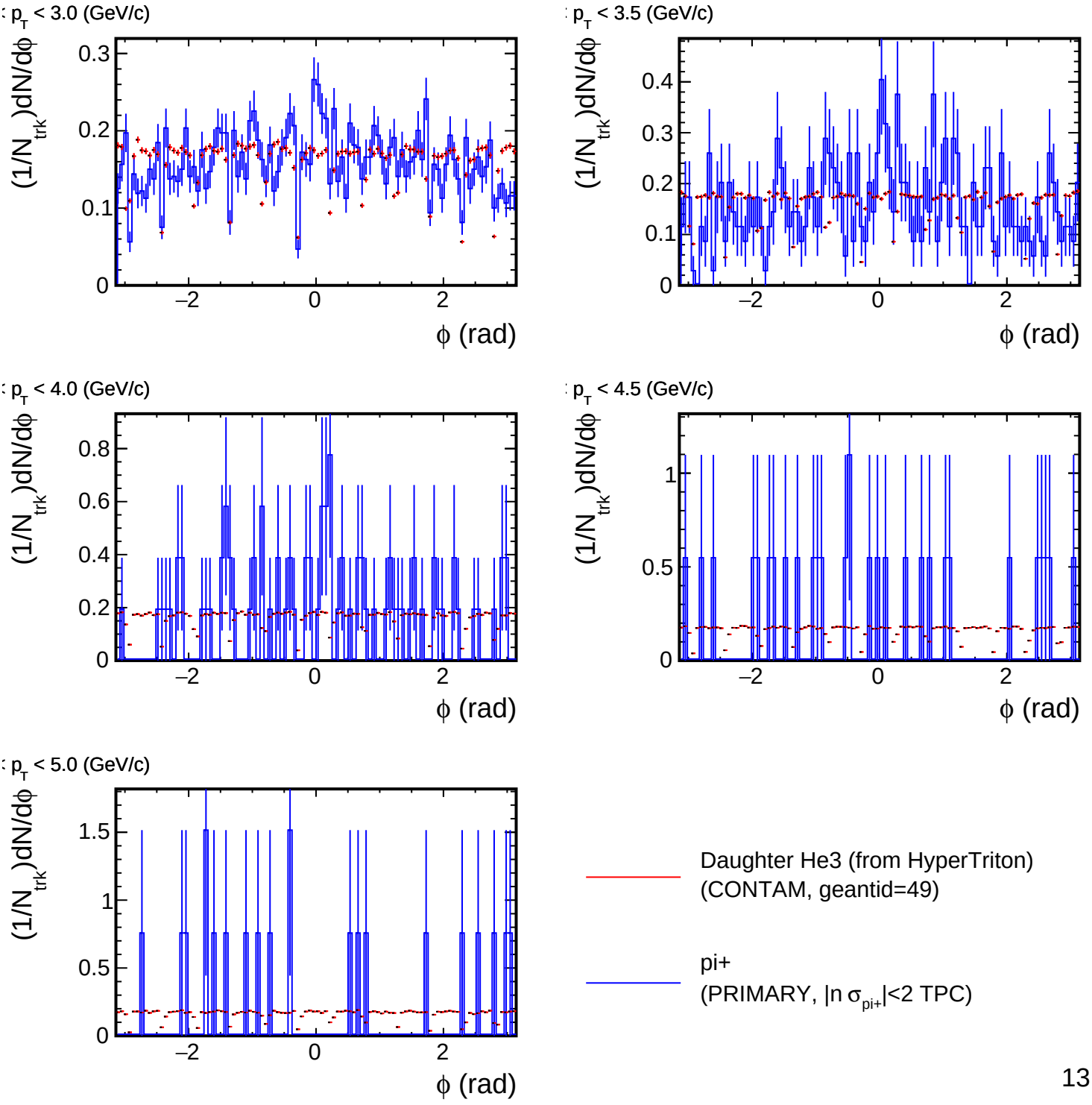
Projection of ϕ for each p_T bin



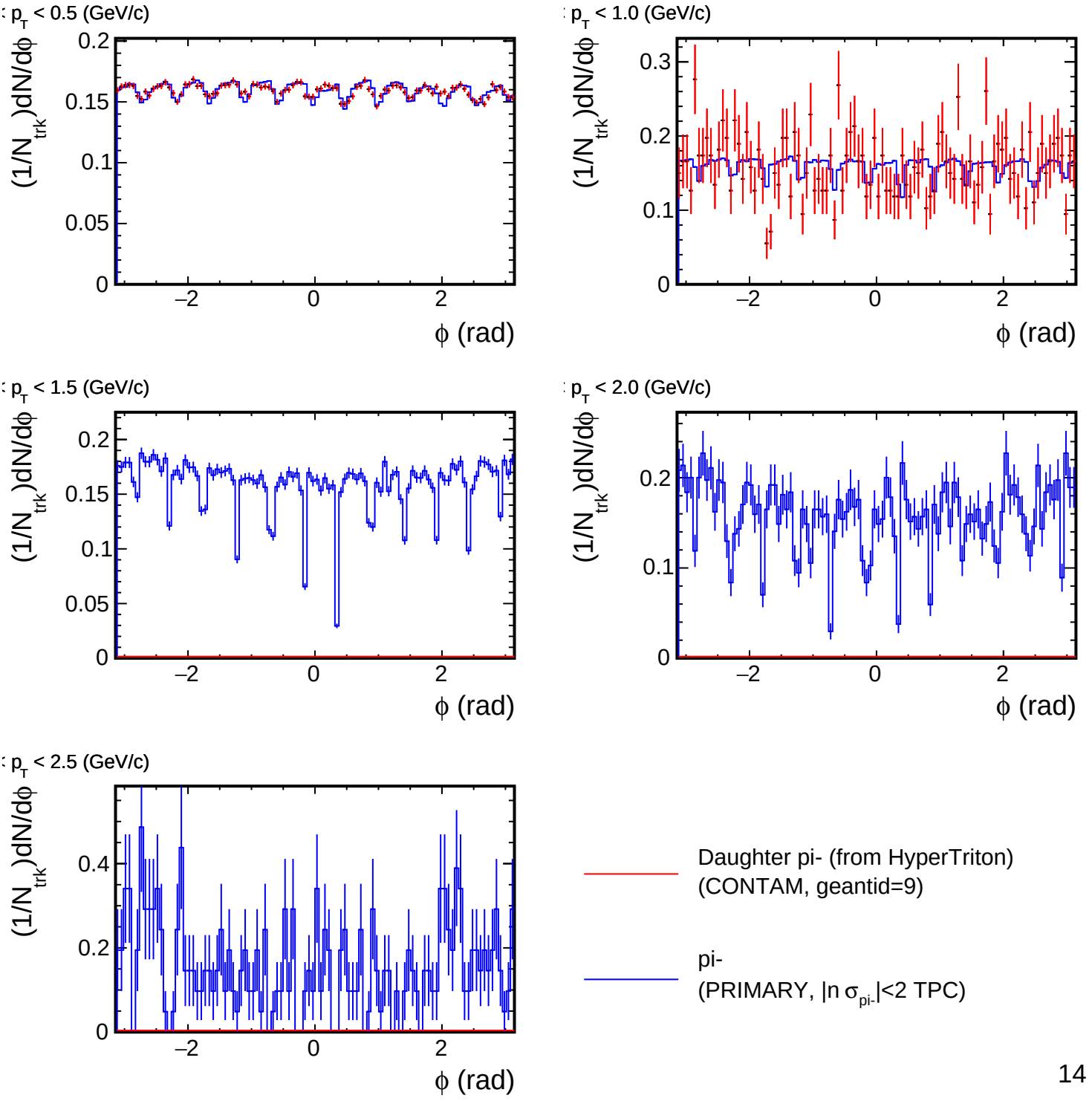
Projection of ϕ for each p_T bin



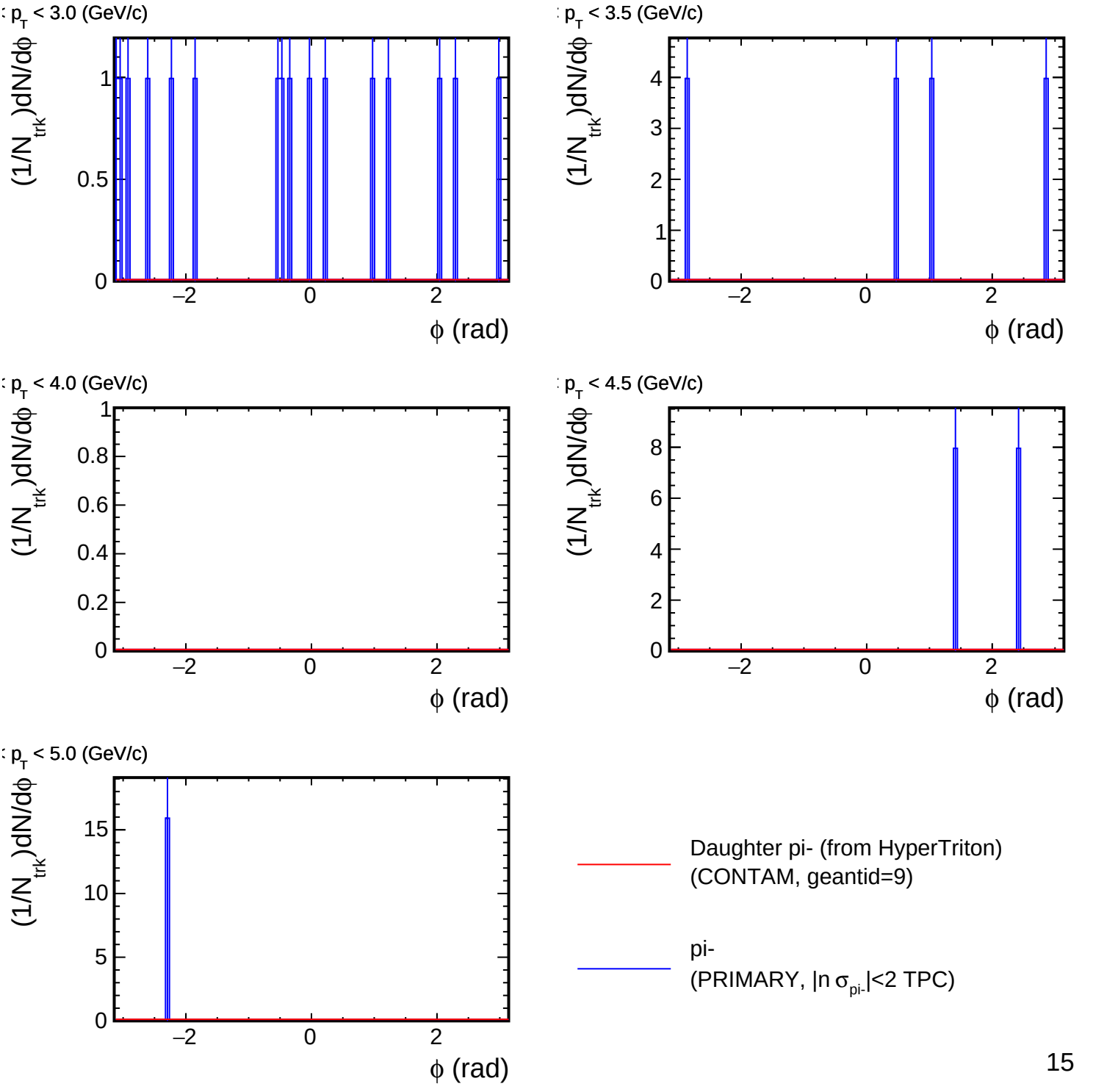
Projection of ϕ for each p_T bin



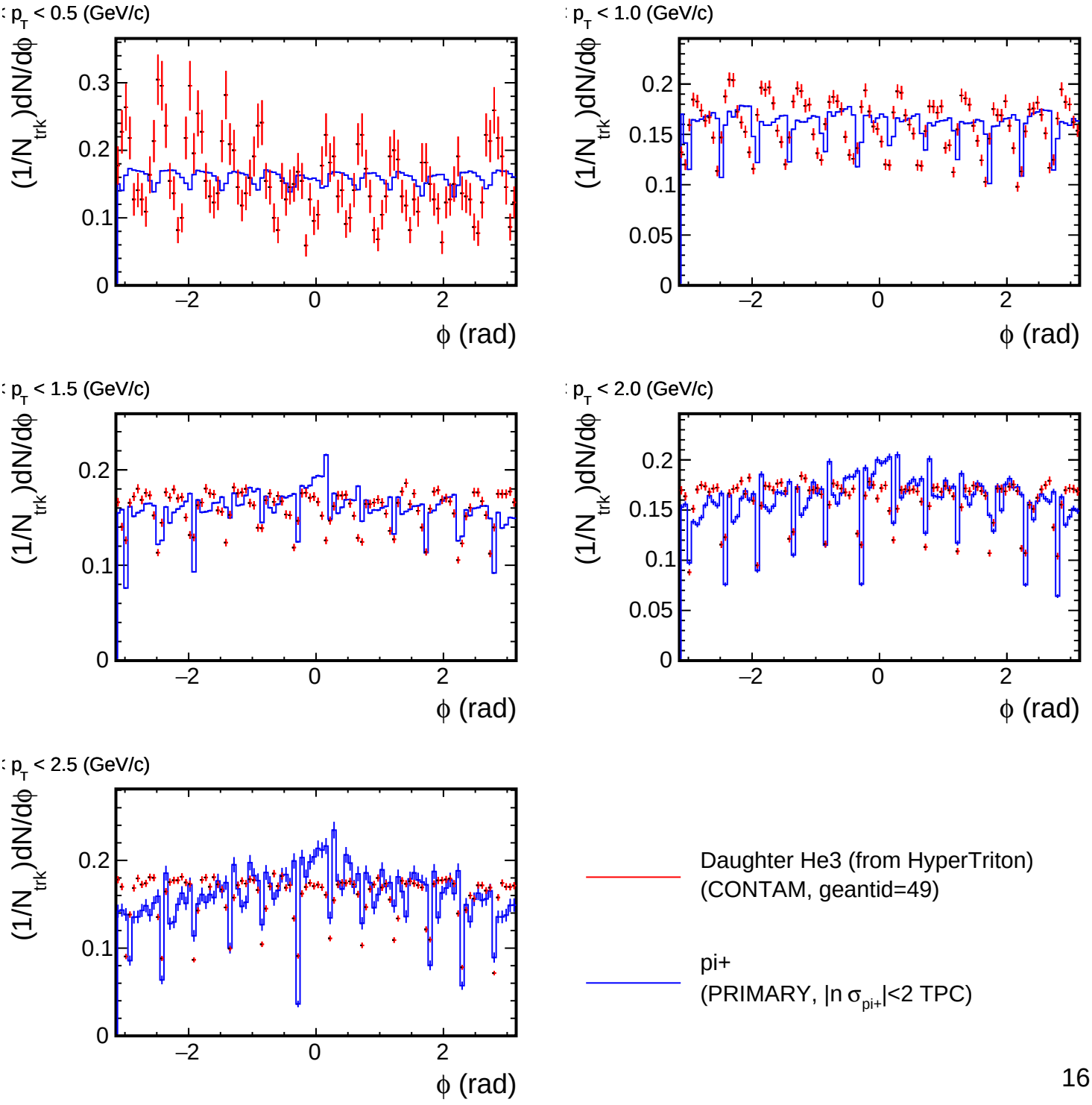
Projection of ϕ for each p_T bin



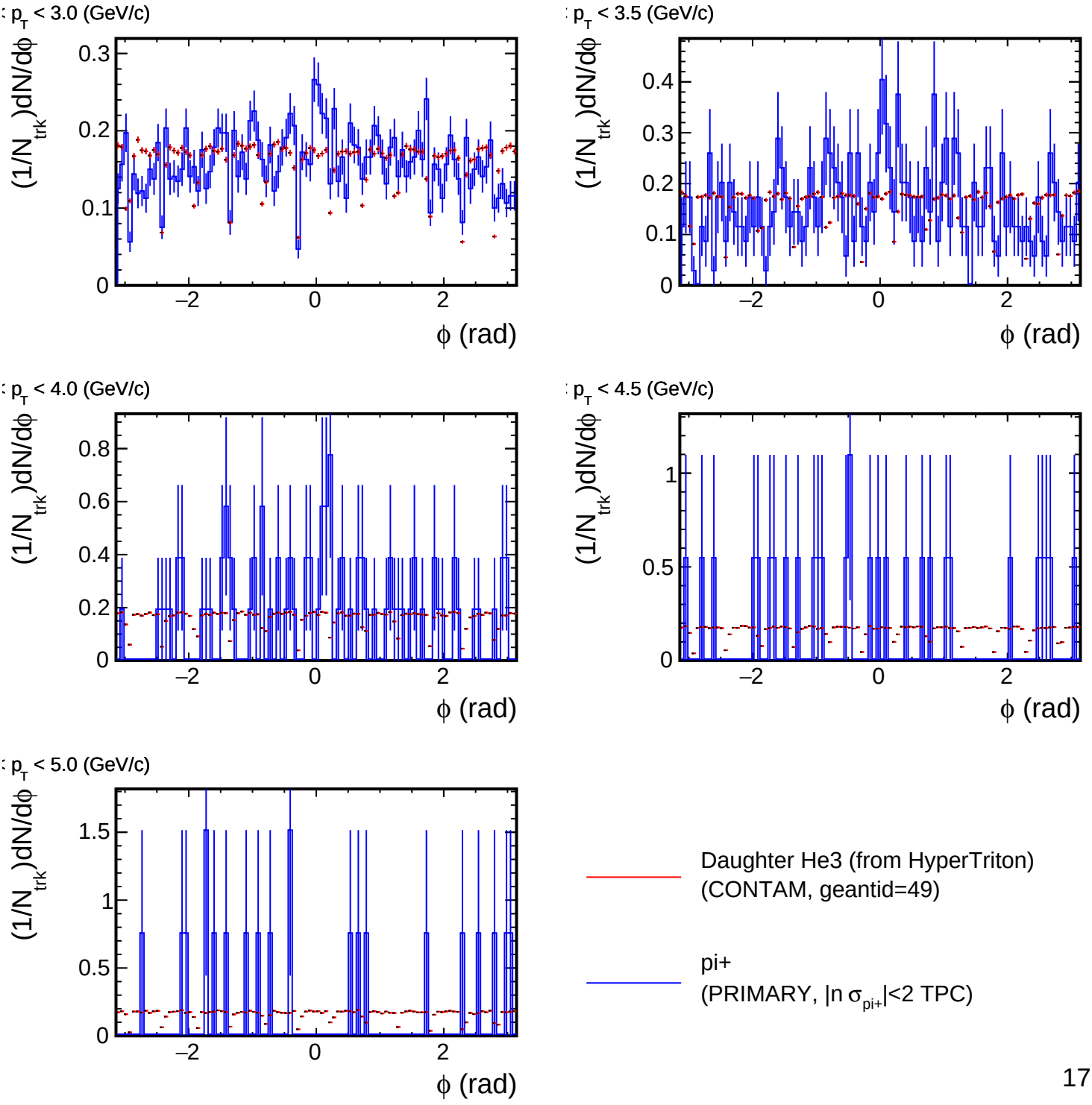
Projection of ϕ for each p_T bin



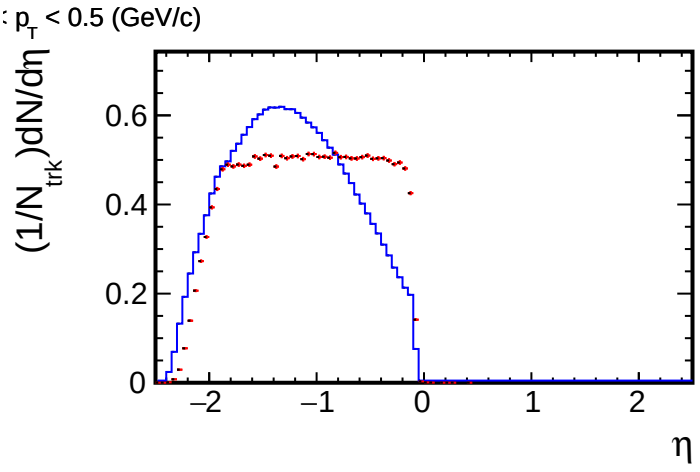
Projection of ϕ for each p_T bin

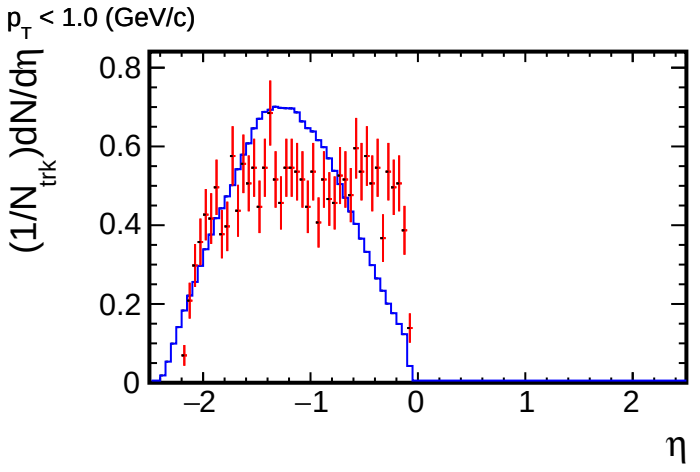


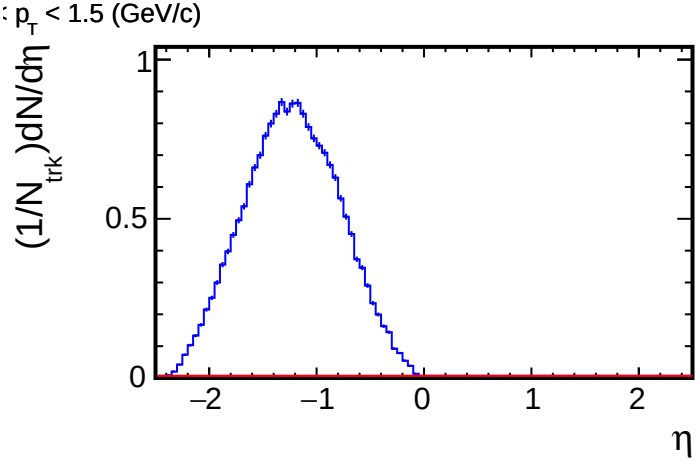
Projection of ϕ for each p_T bin

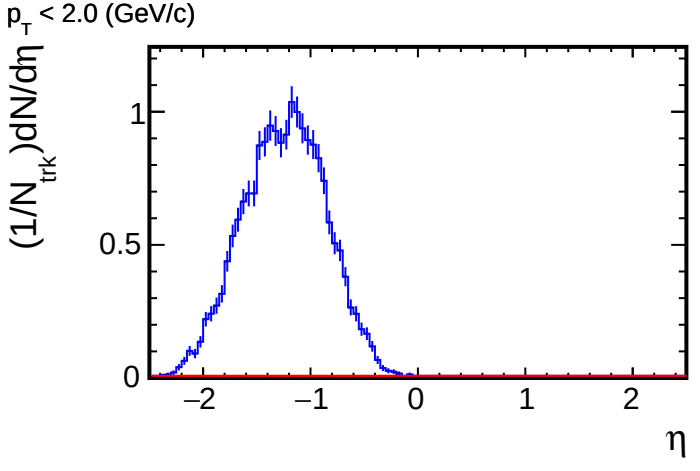


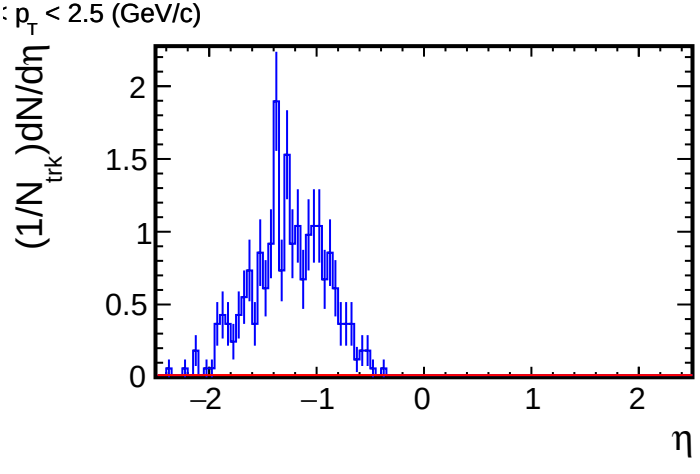
Projection of η for each p_T bin







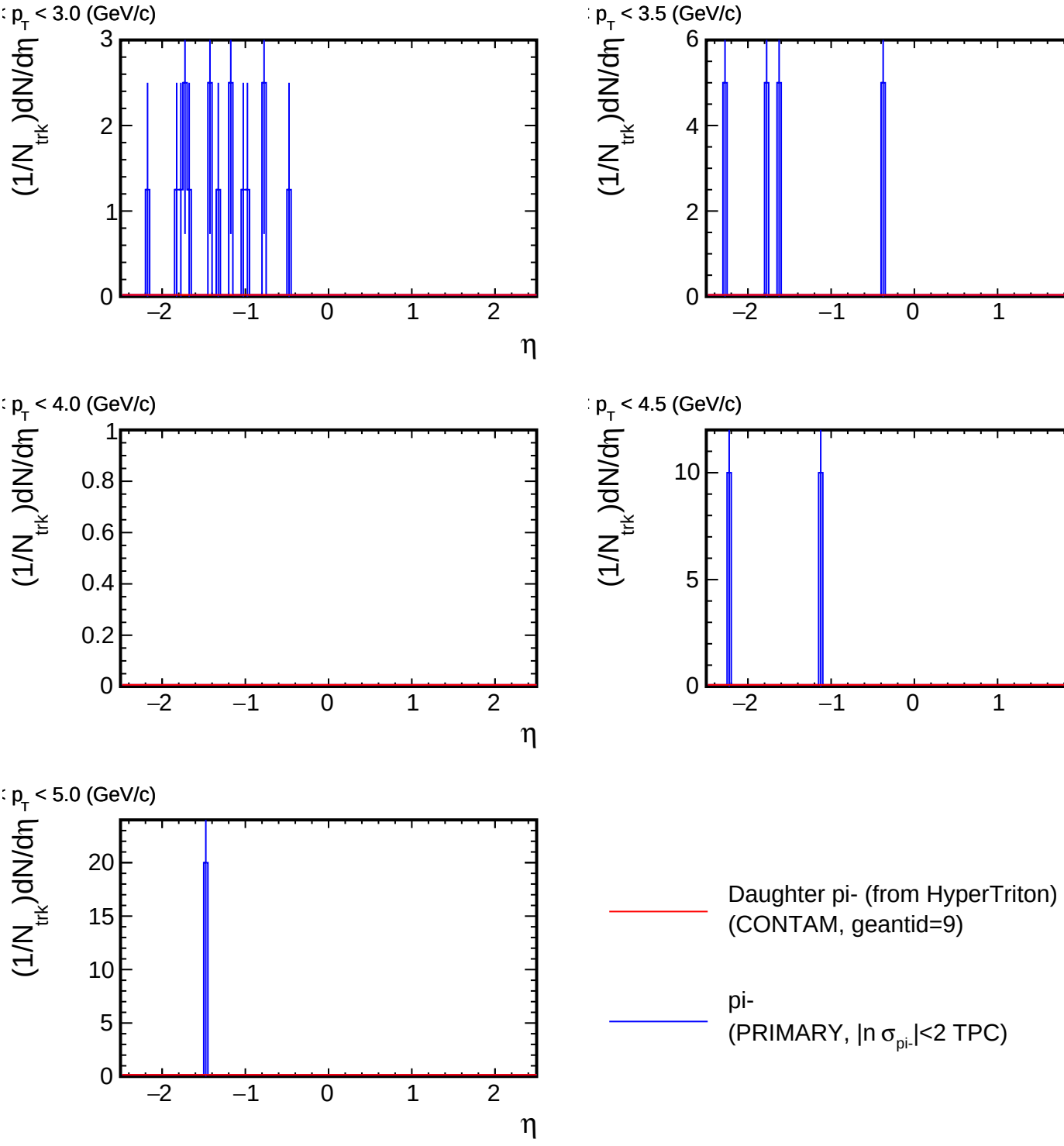




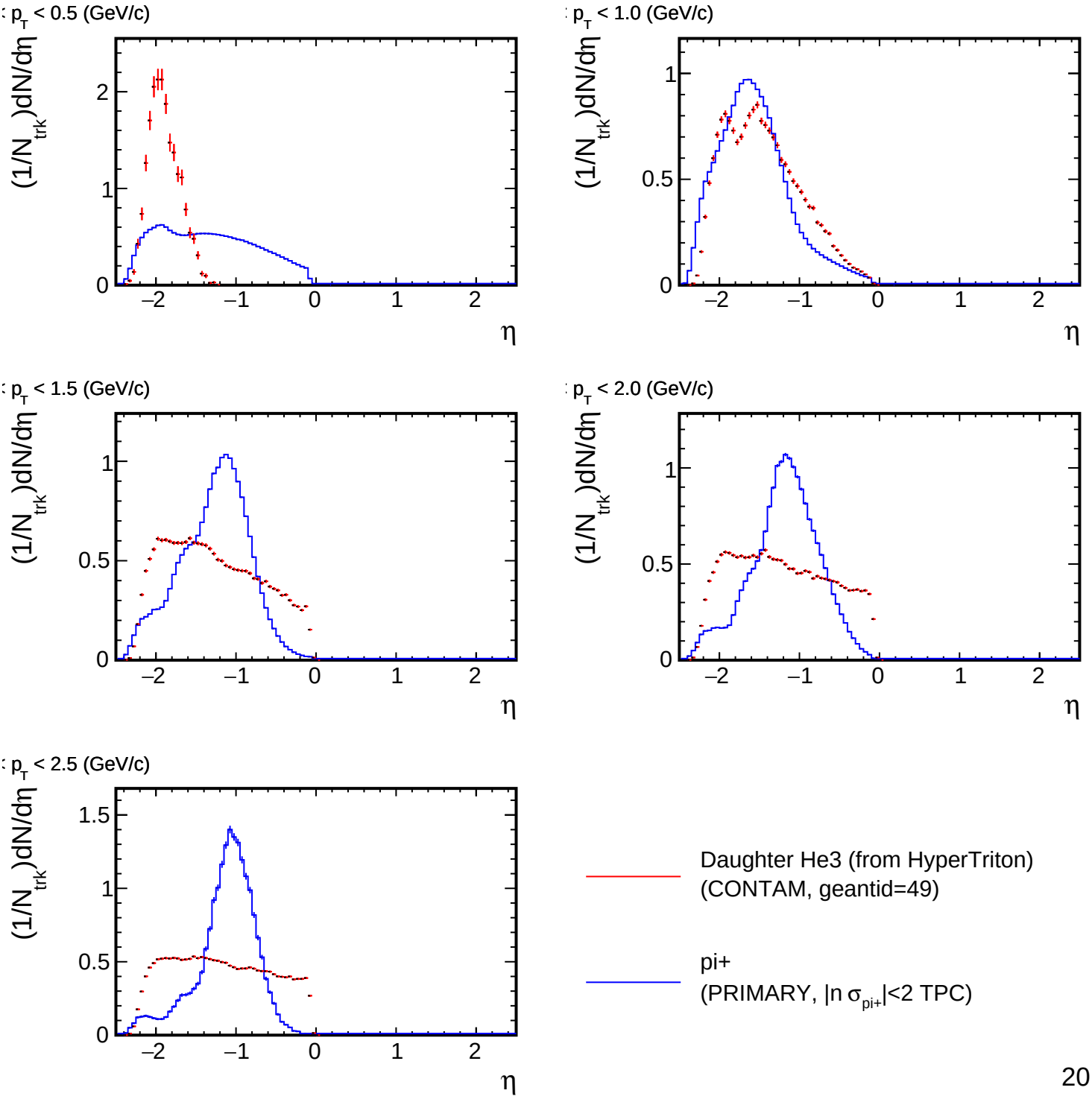
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

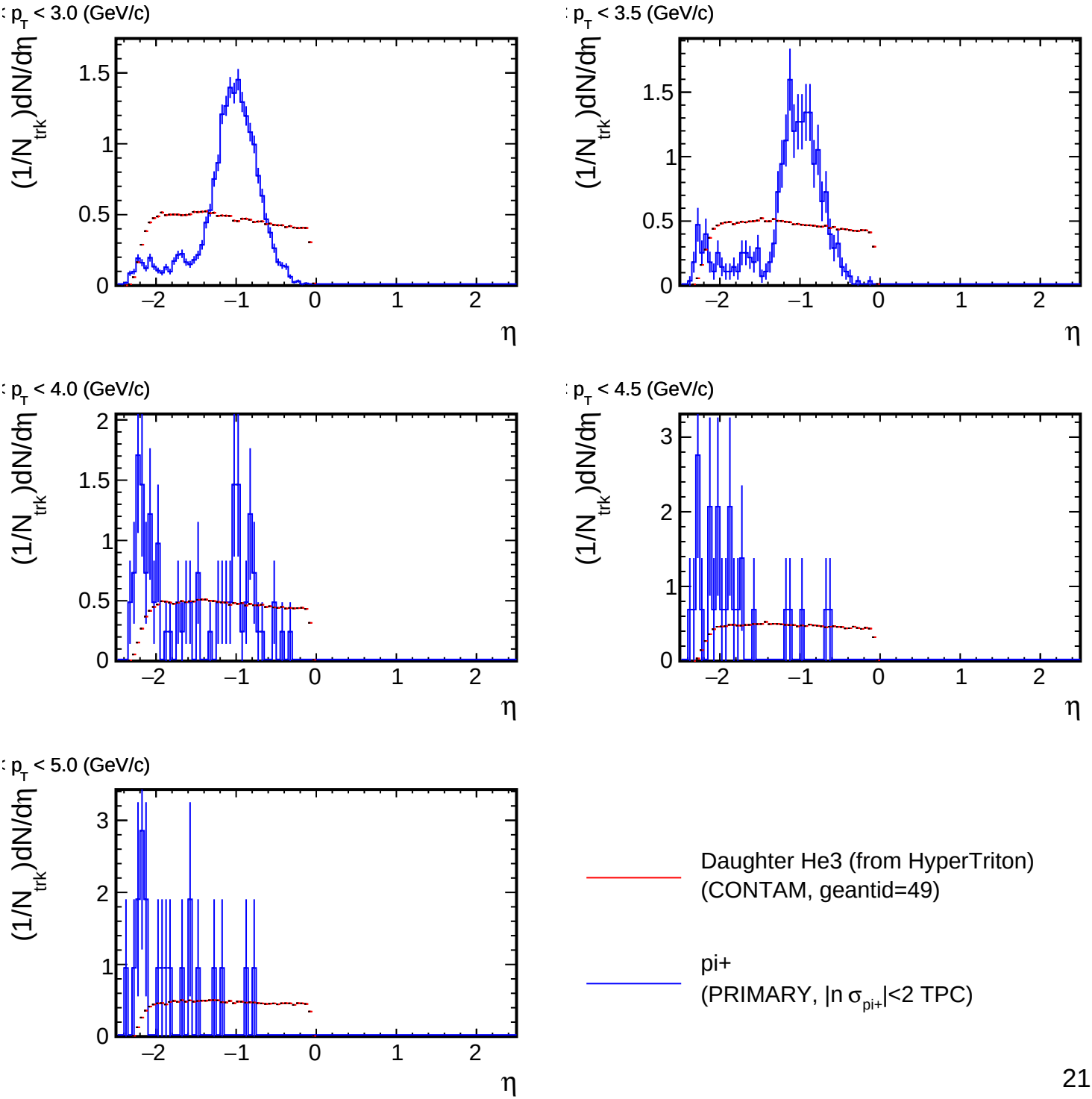
Projection of η for each p_T bin



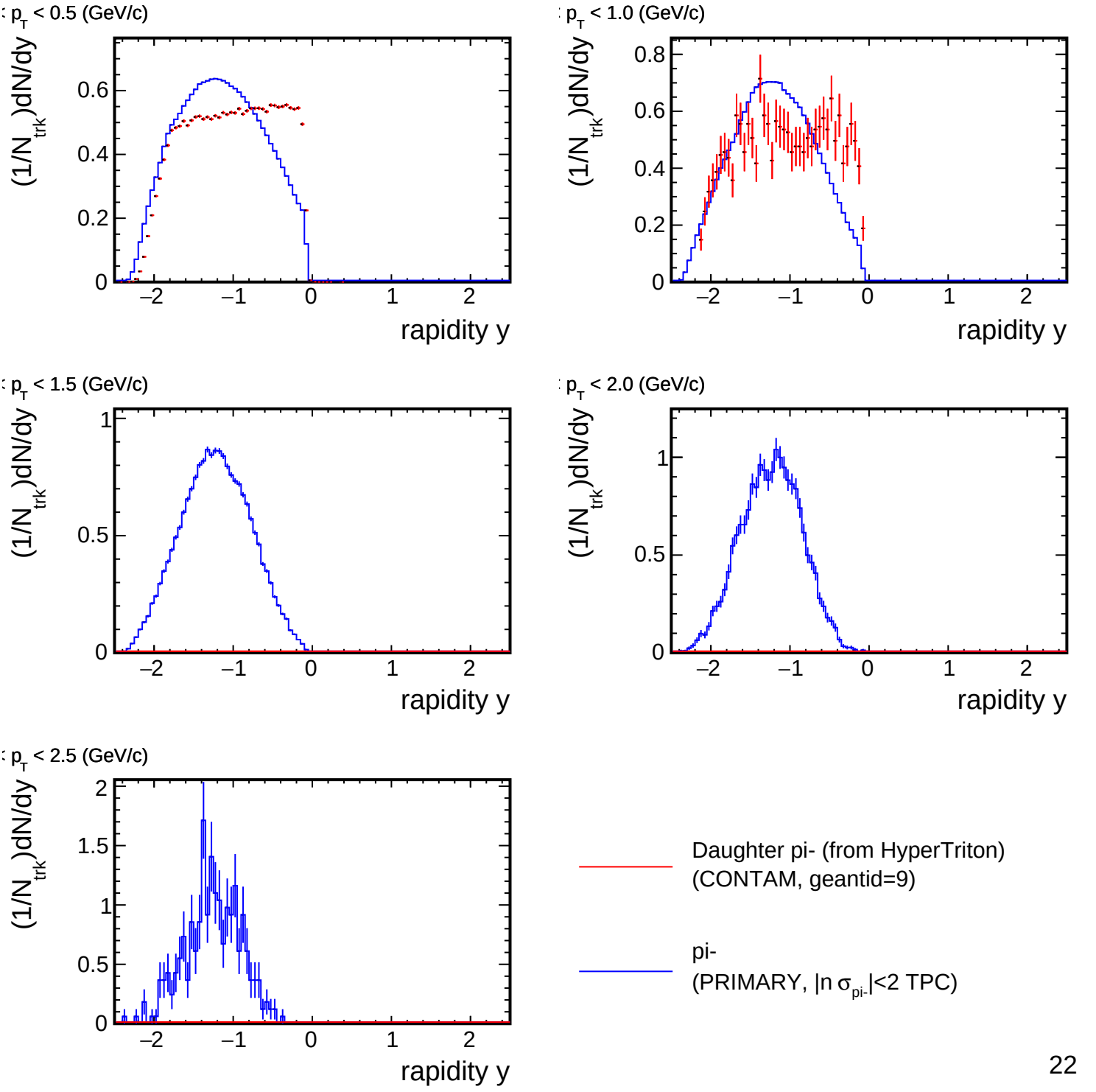
Projection of η for each p_T bin



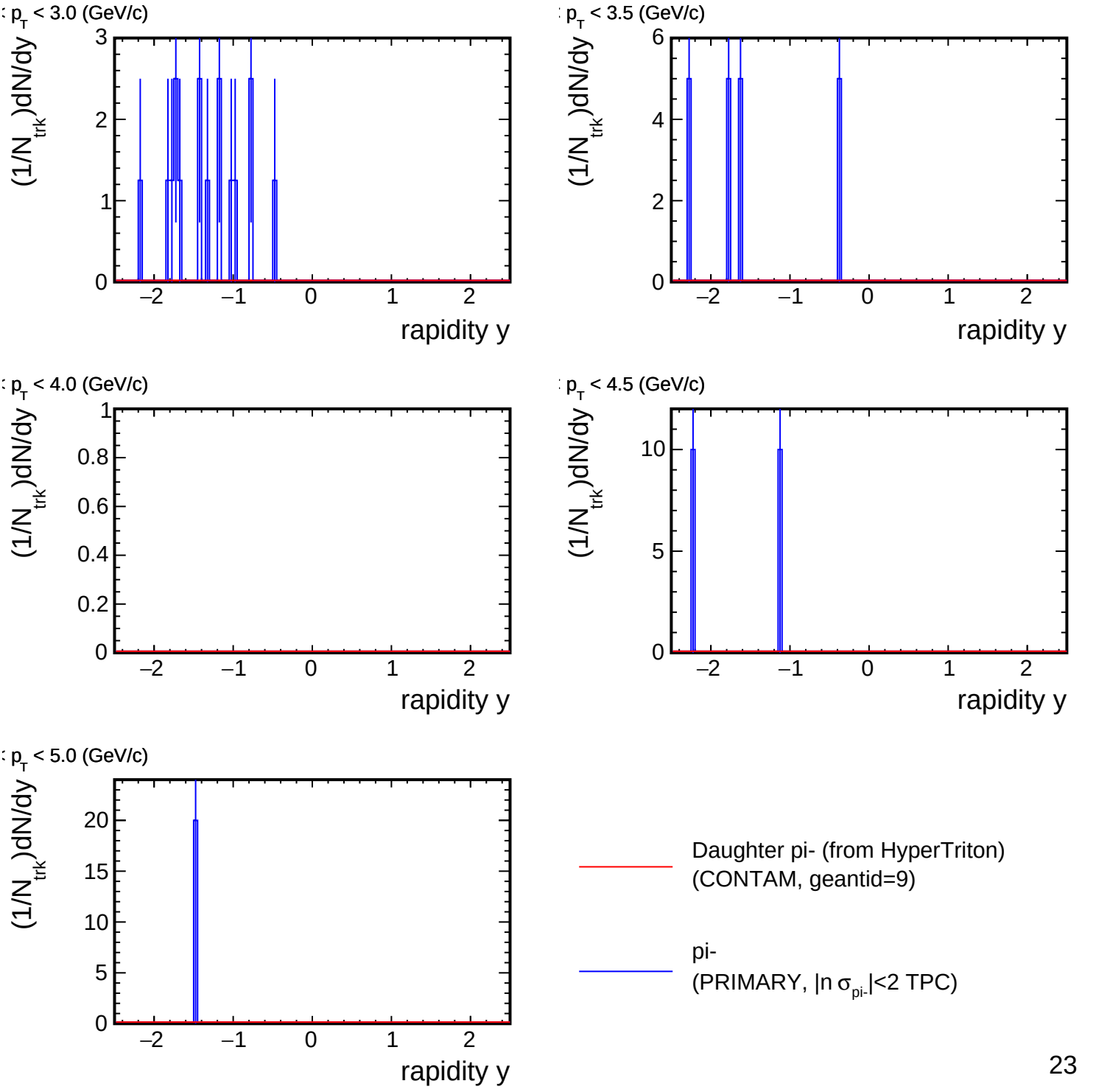
Projection of η for each p_T bin



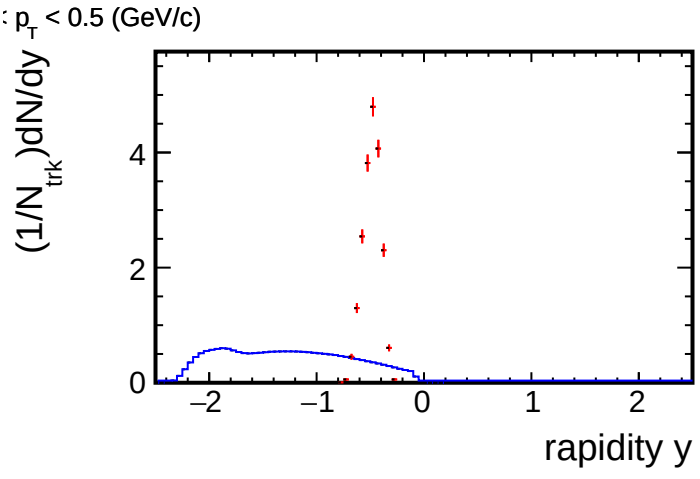
Projection of y for each p_T bin

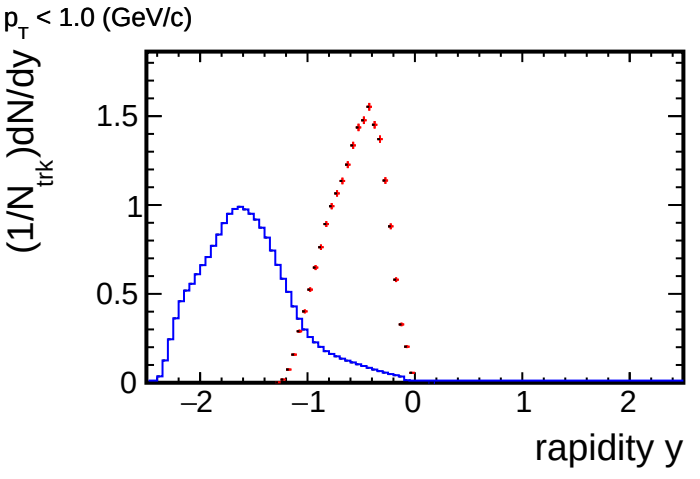


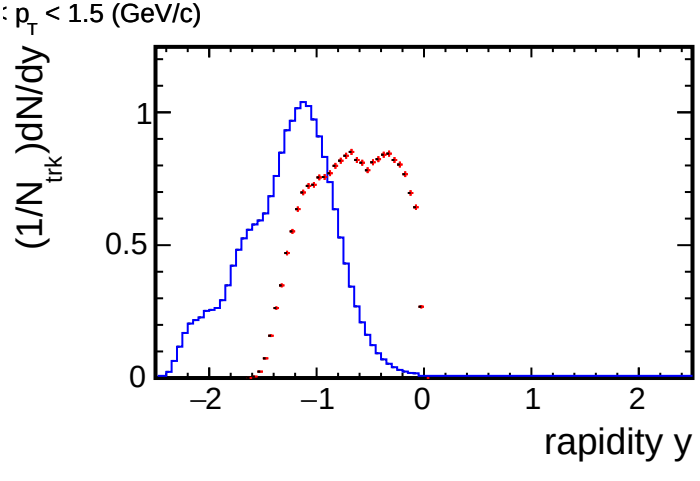
Projection of y for each p_T bin

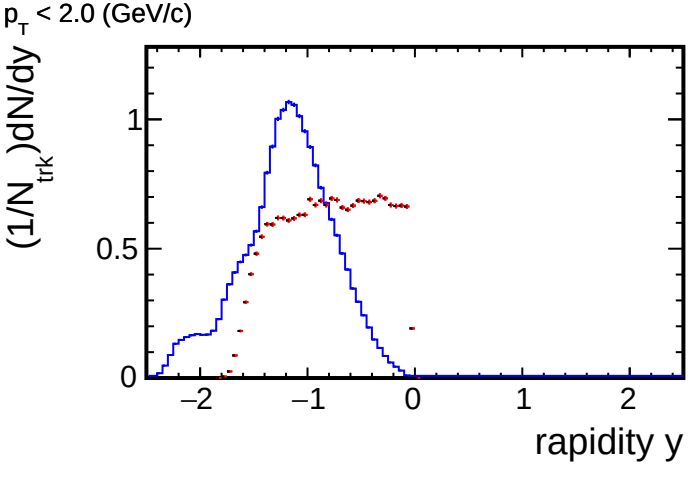


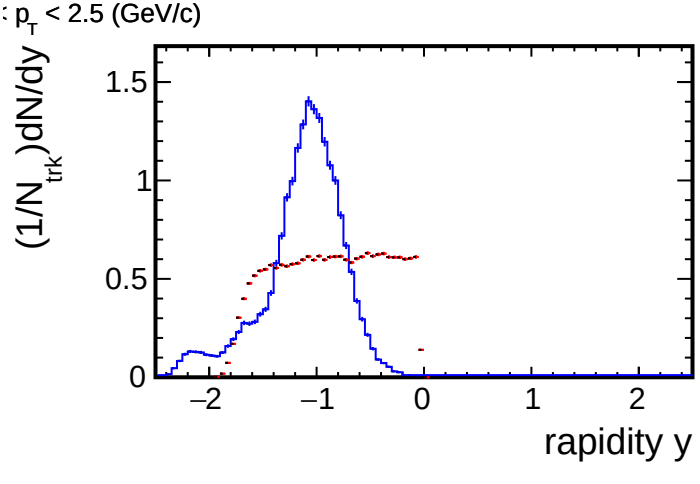
Projection of y for each p_T bin







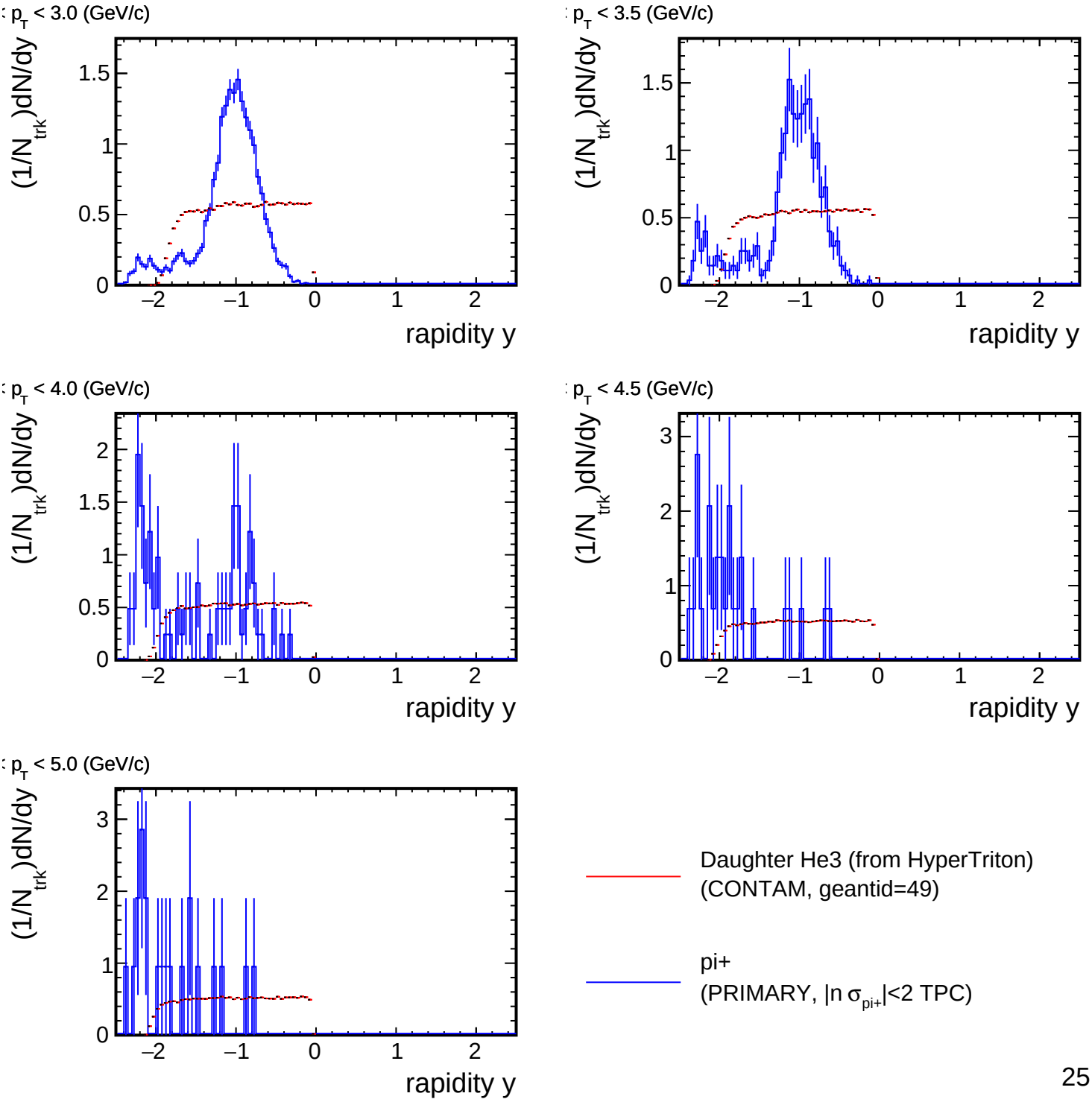




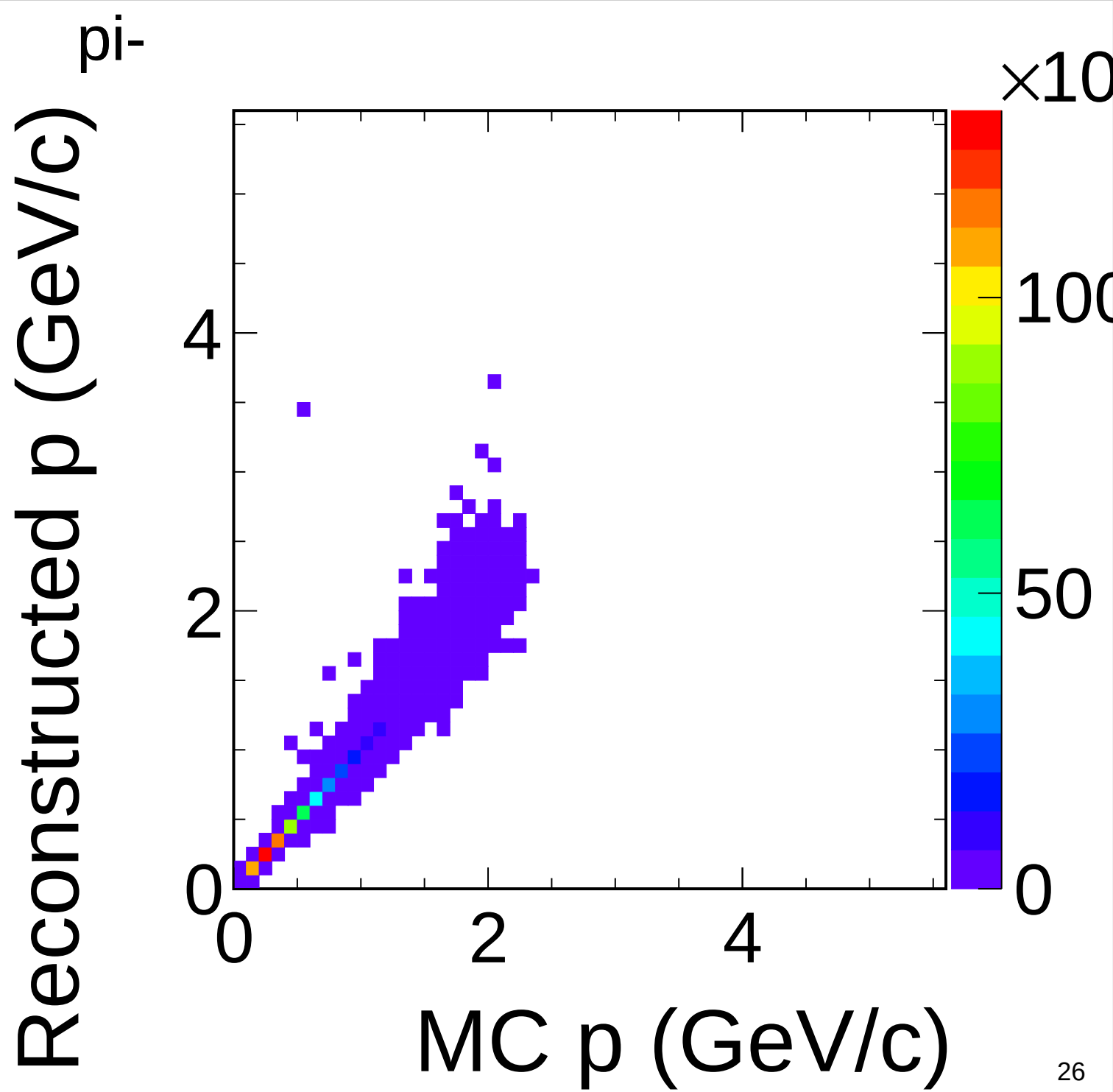
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

pi+
(PRIMARY, $|n\sigma_{pi+}|$<2 TPC)

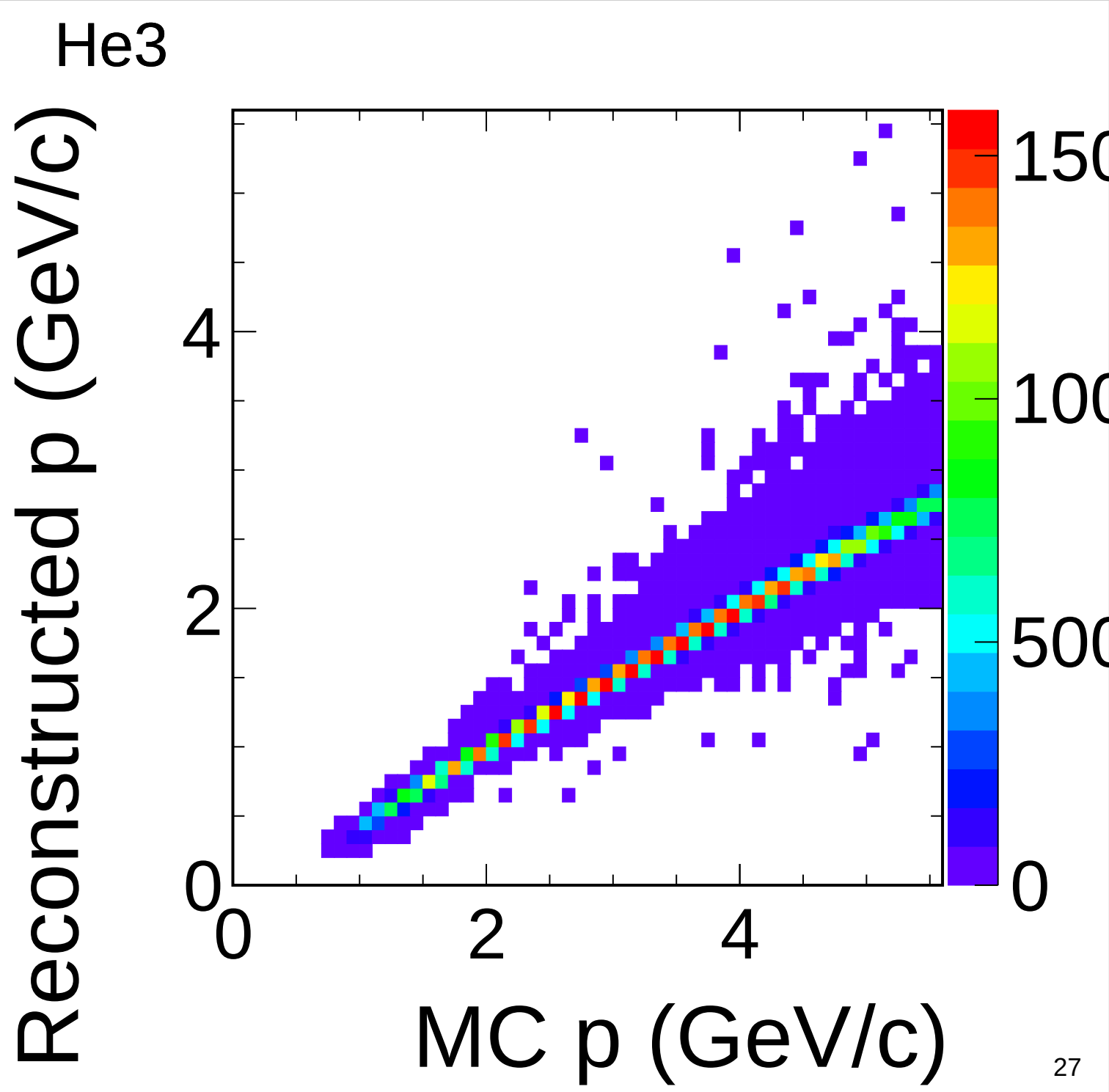
Projection of y for each p_T bin



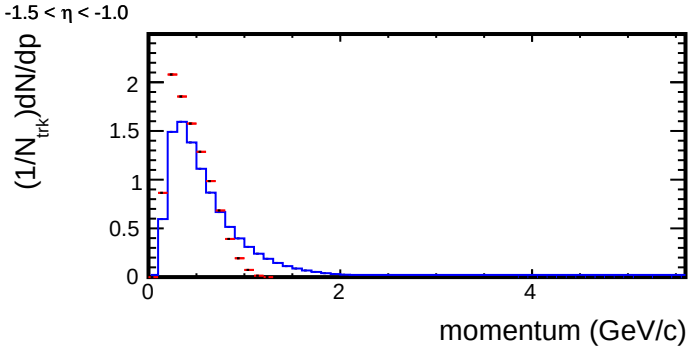
Reconstructed momentum vs MC momentum

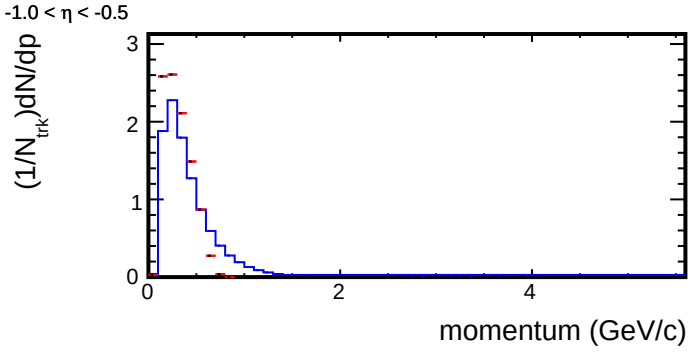


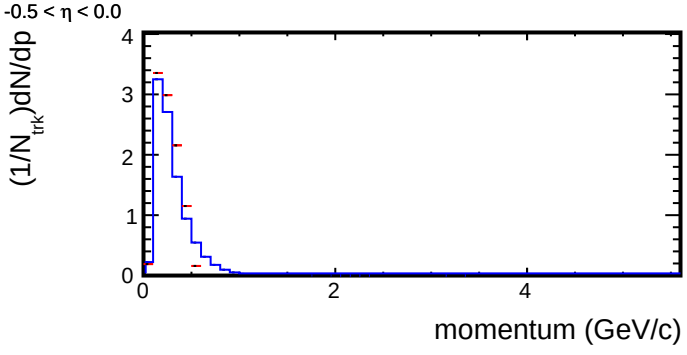
Reconstructed momentum vs MC momentum

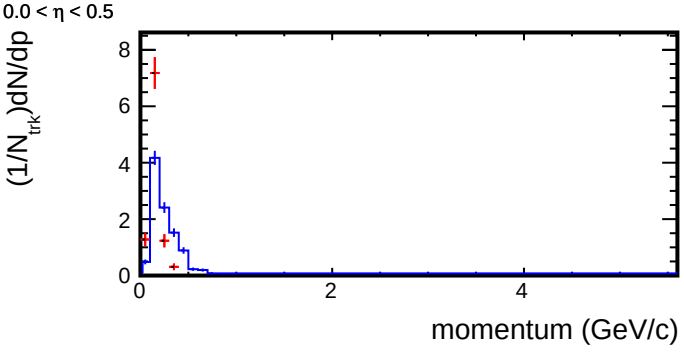


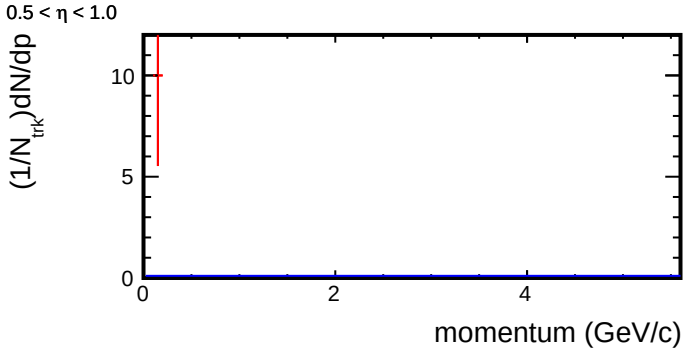
Projection of p for each η bin

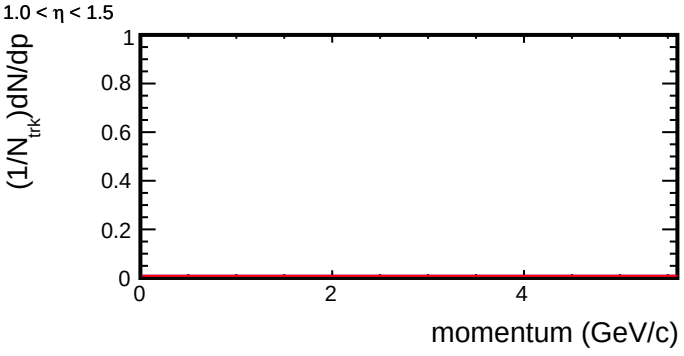








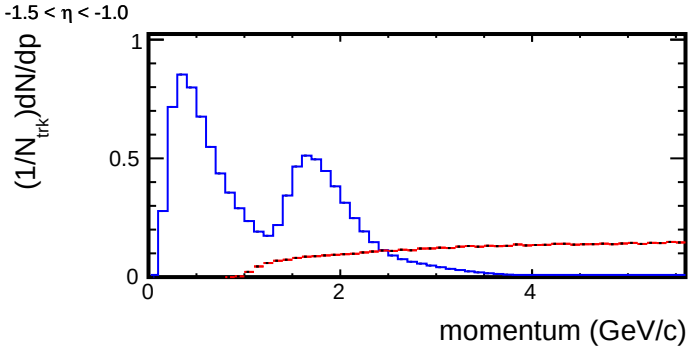


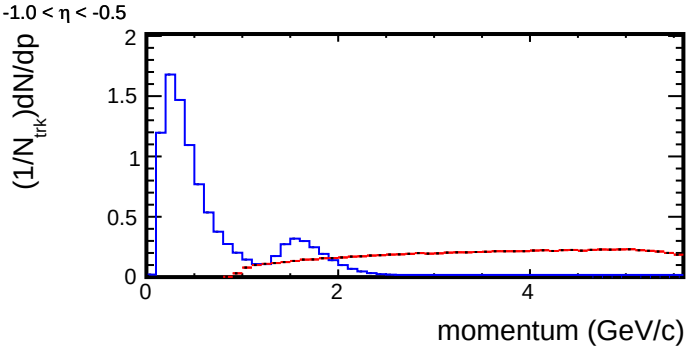


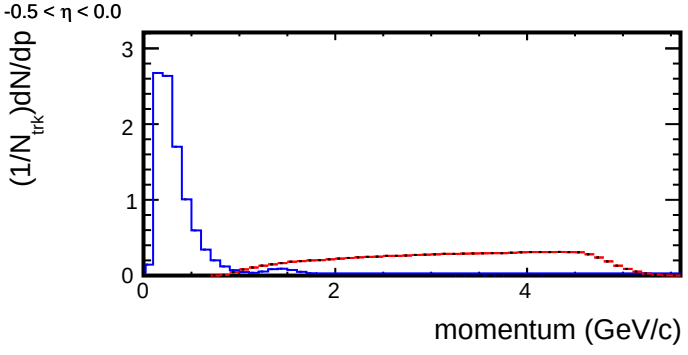
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

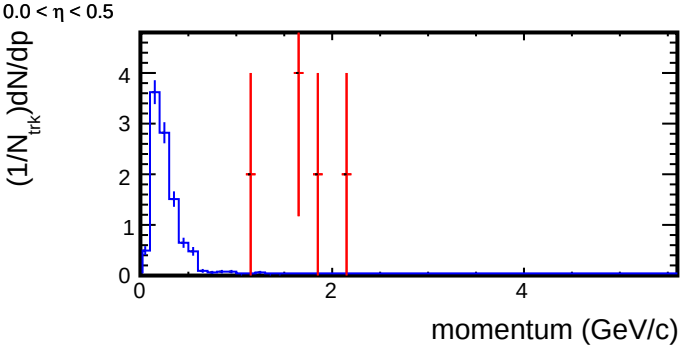
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

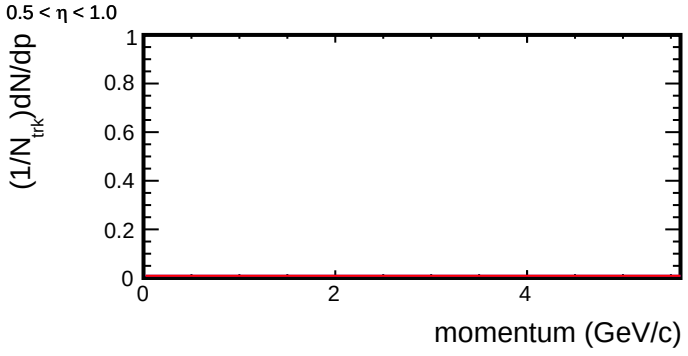
Projection of p for each η bin

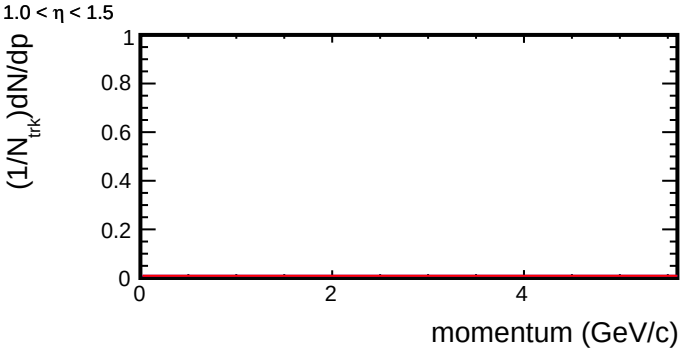








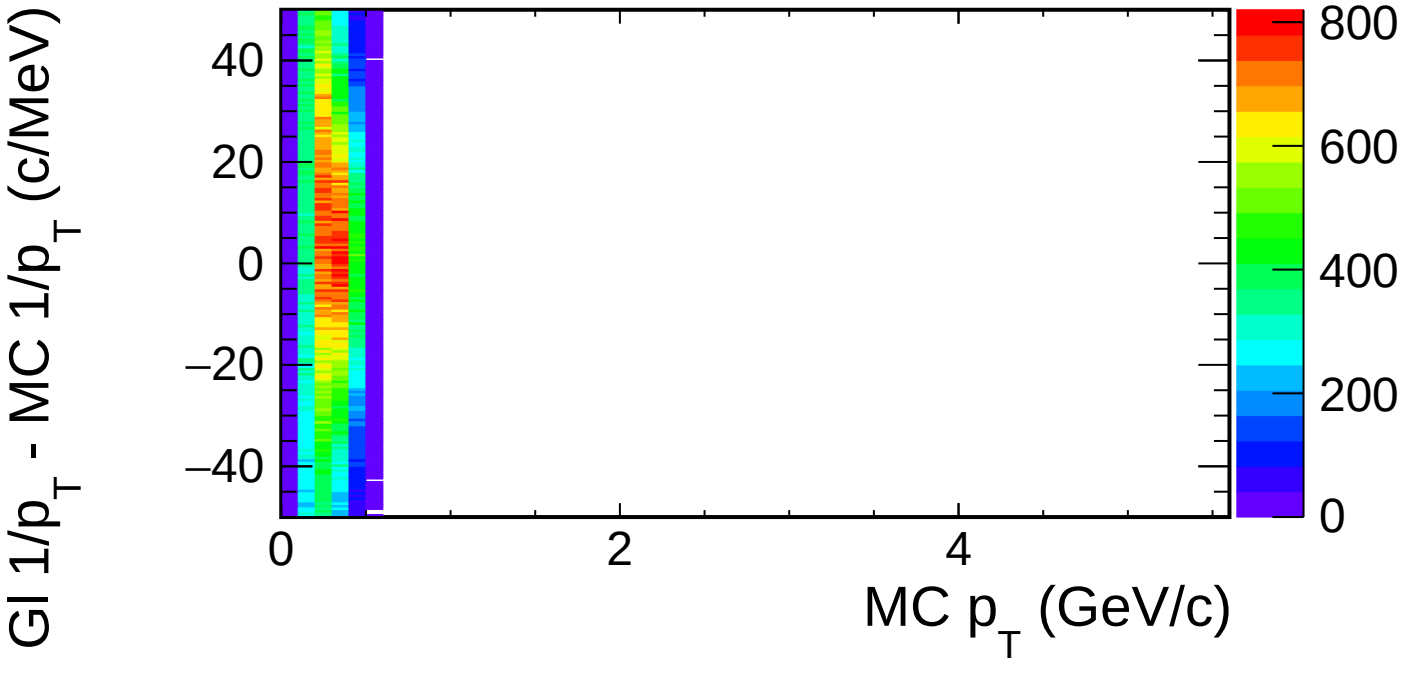


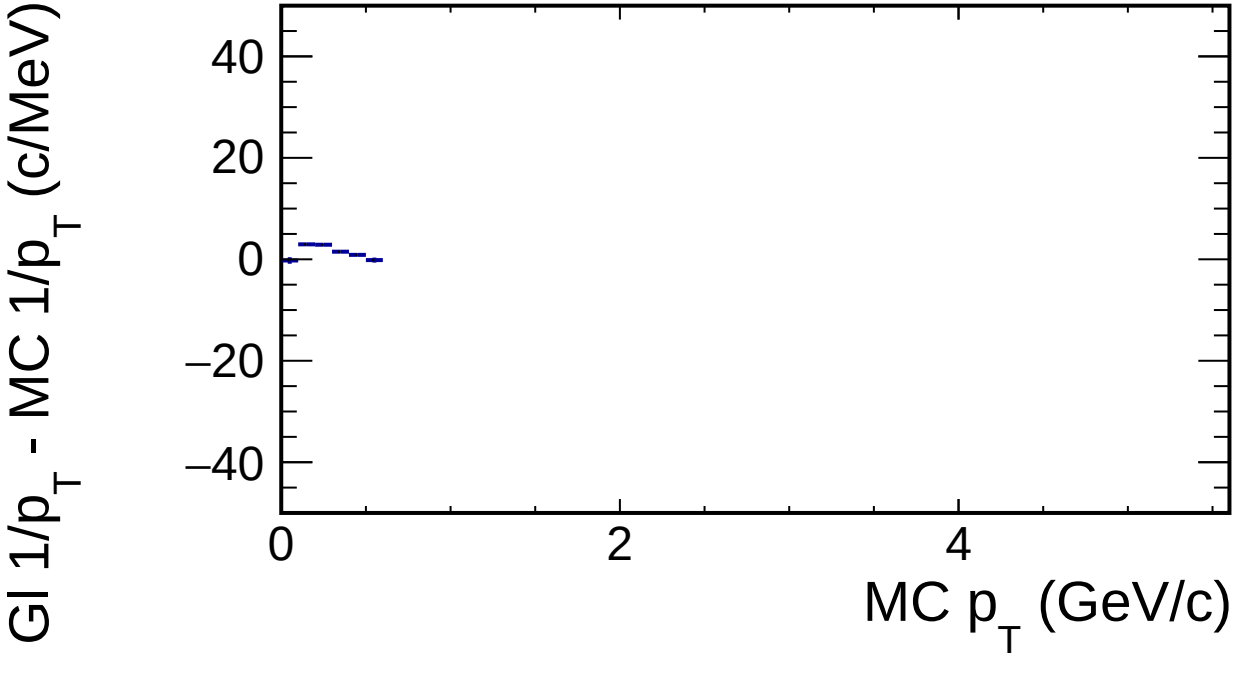


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

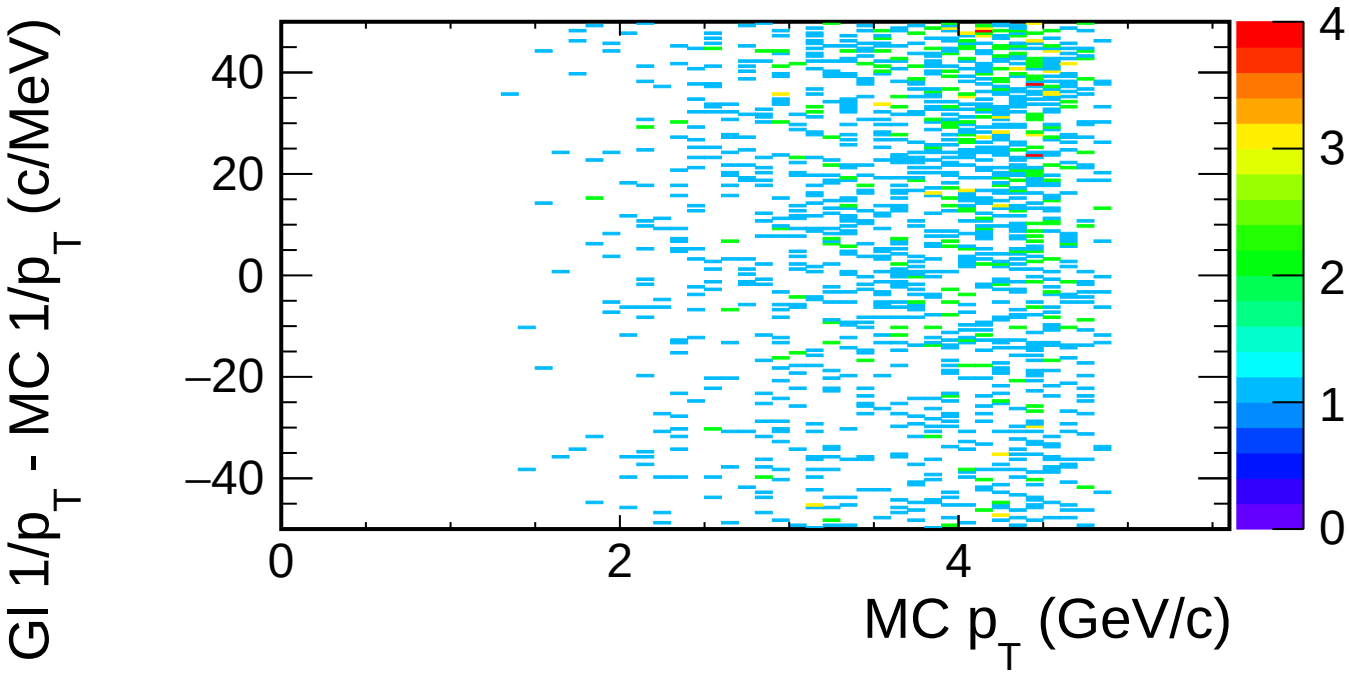
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

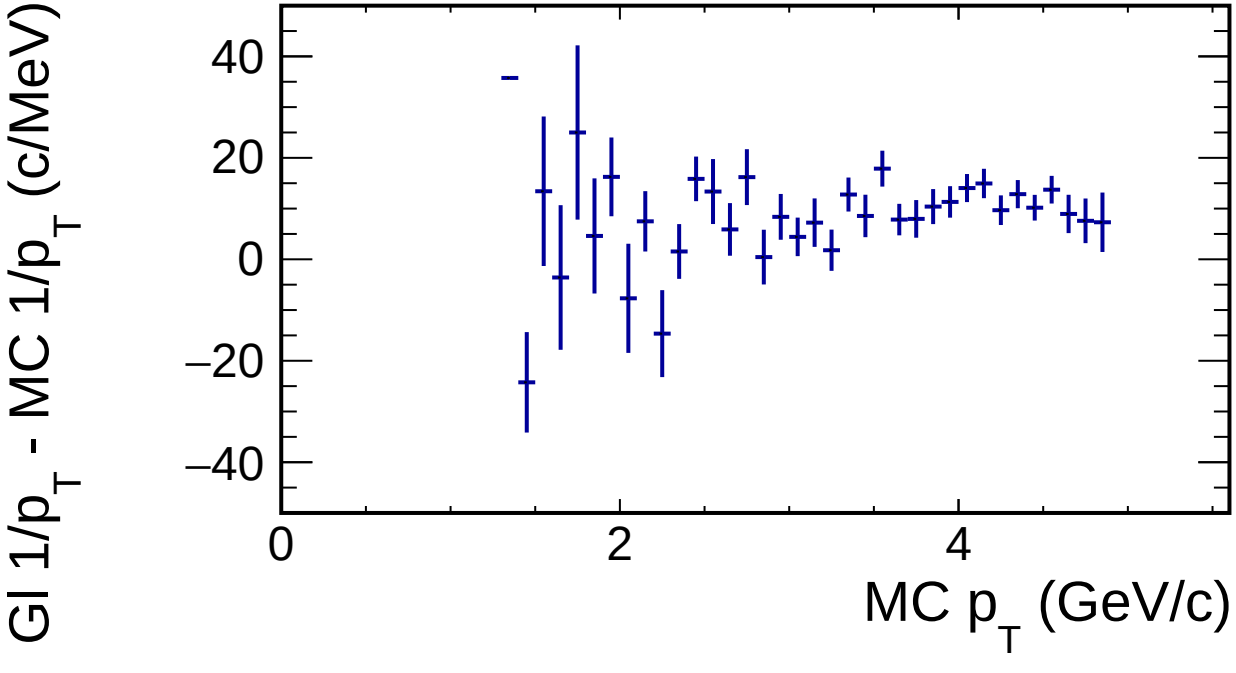
$1/p_T$ (Gl) - $1/p_T$ (MC) vs p_T (MC) (pi-)



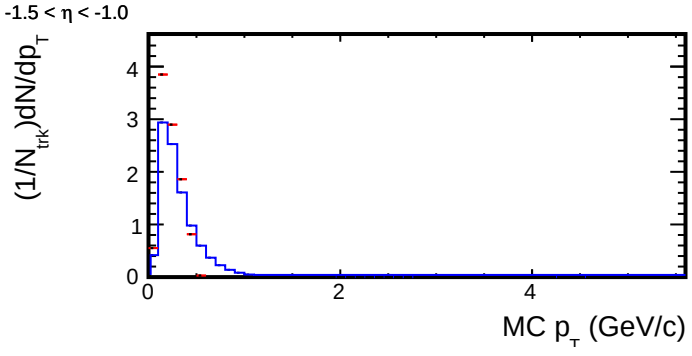


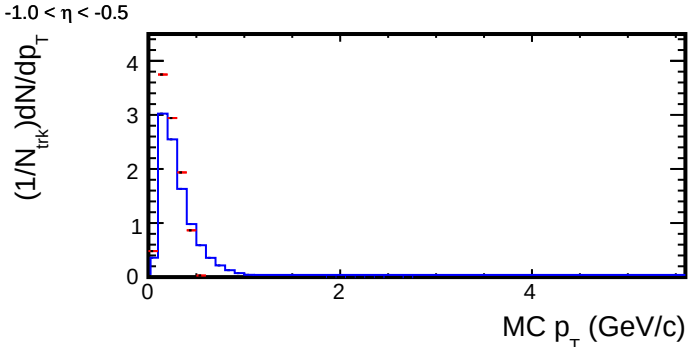
$1/p_T$ (Gl) - $1/p_T$ (MC) vs p_T (MC) (He3)

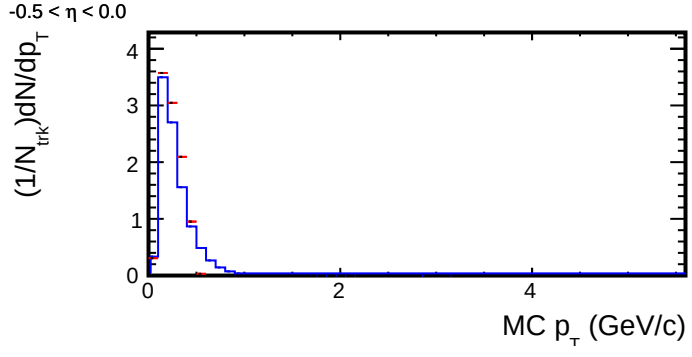


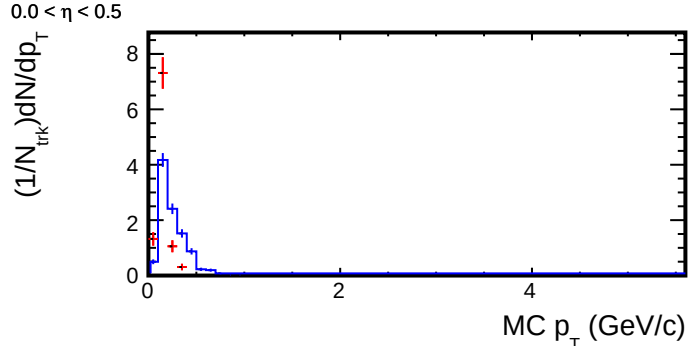


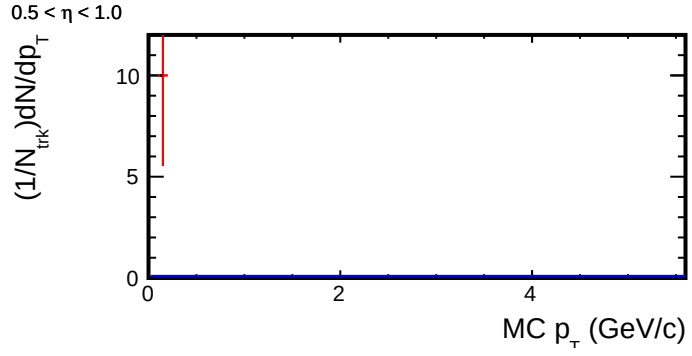
Projection of p_T for each η bin

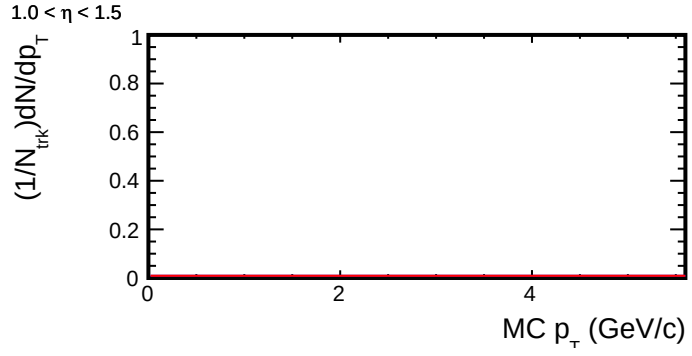








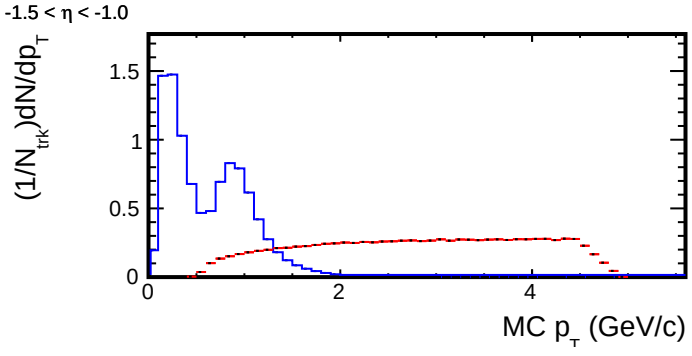


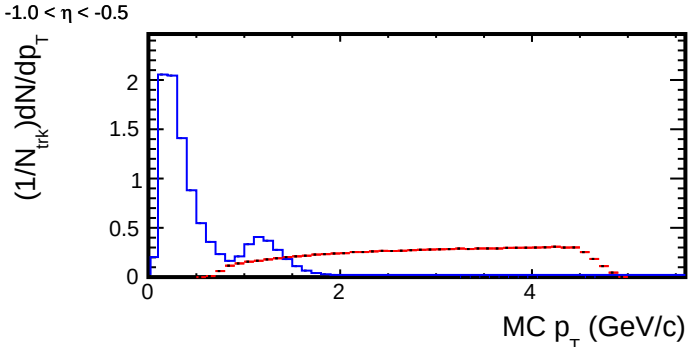


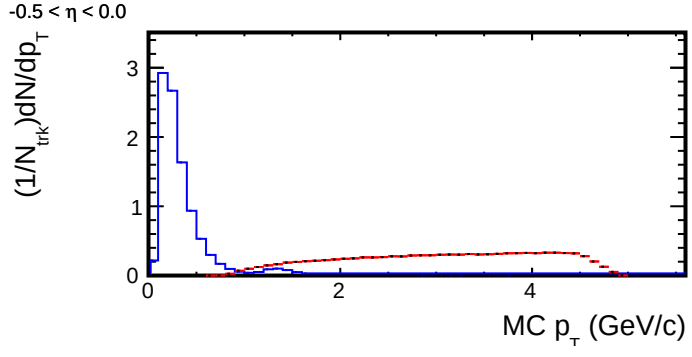
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

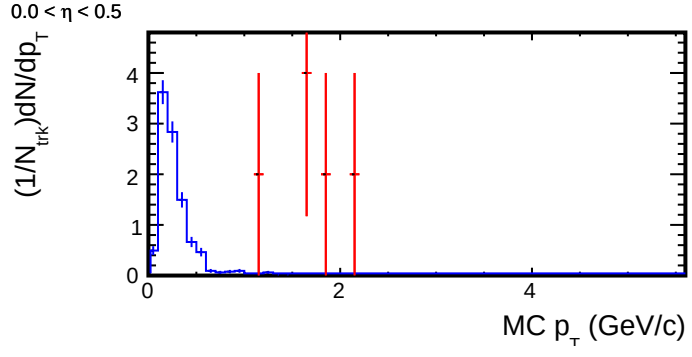
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

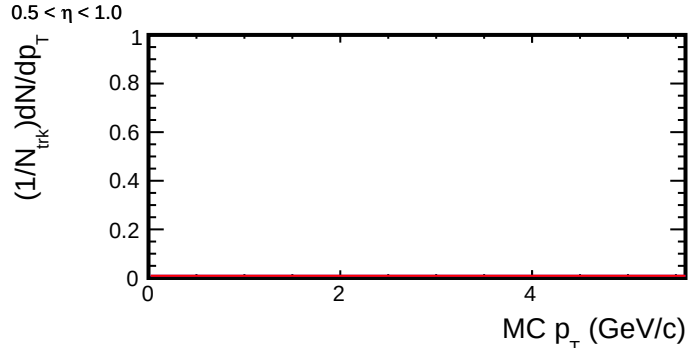
Projection of p_T for each η bin

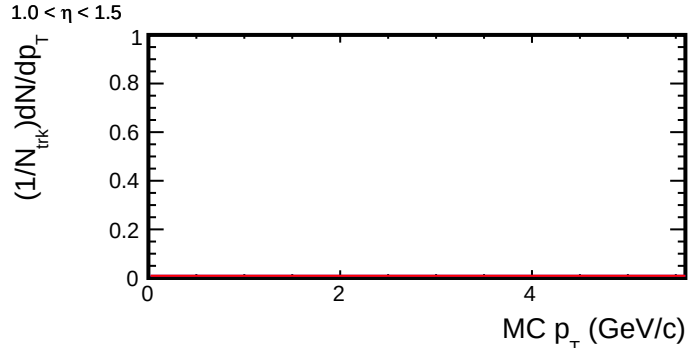








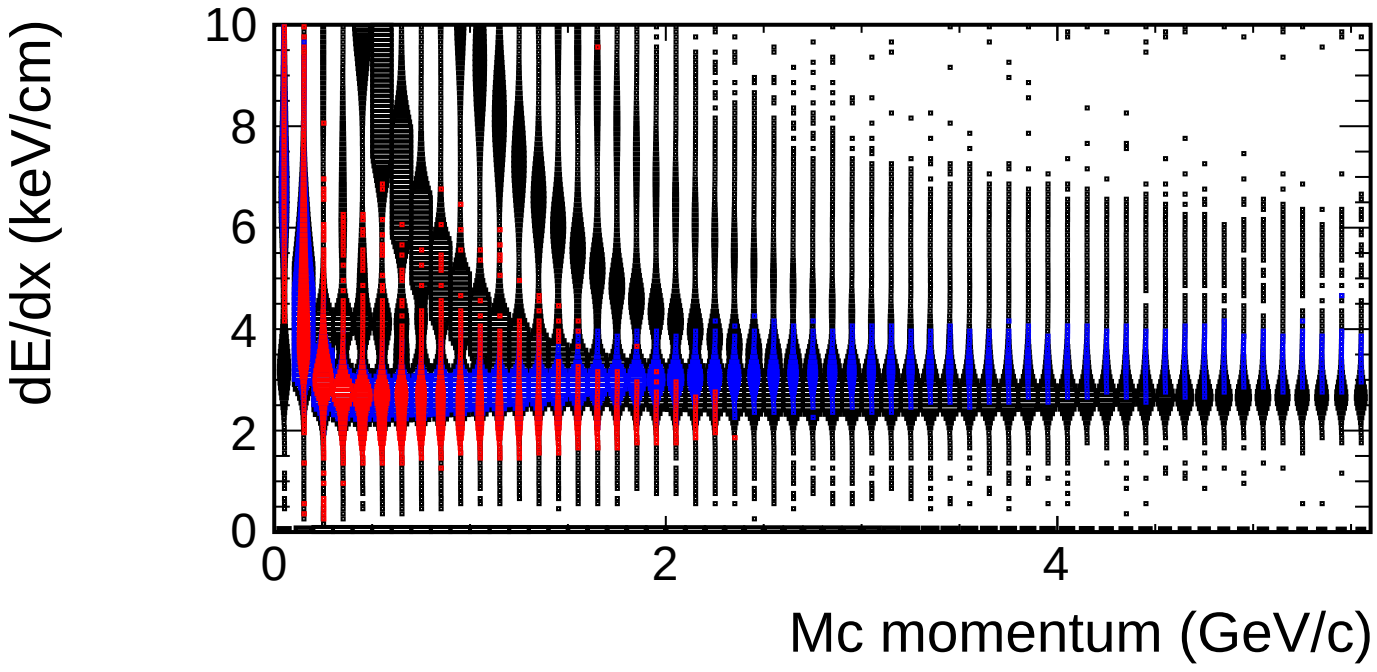




Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

dE/dx vs momentum (Embedding:pi-, Real:pi-)

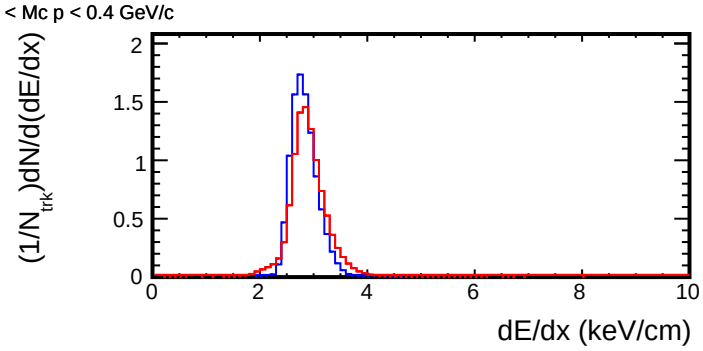


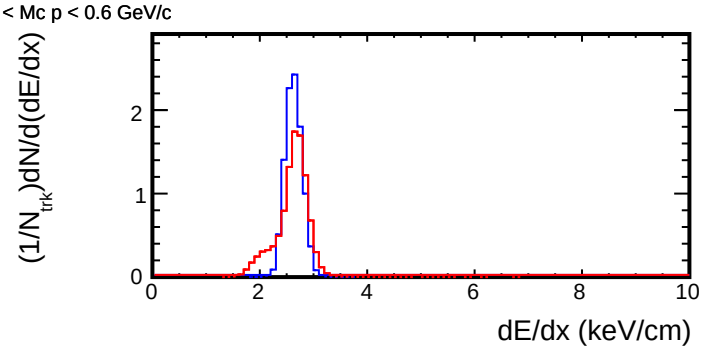
Daughter pi- (from HyperTriton) (CONTAM, geantid=9)

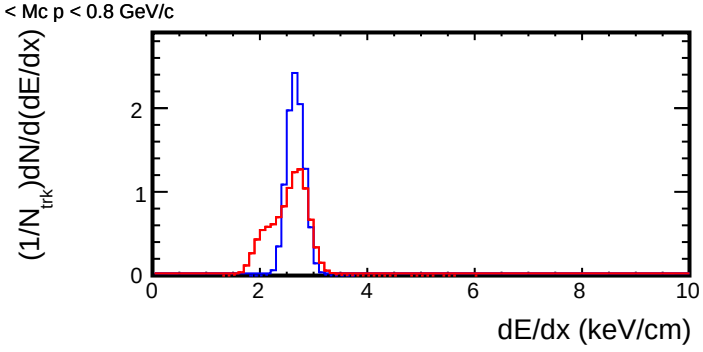
Real data

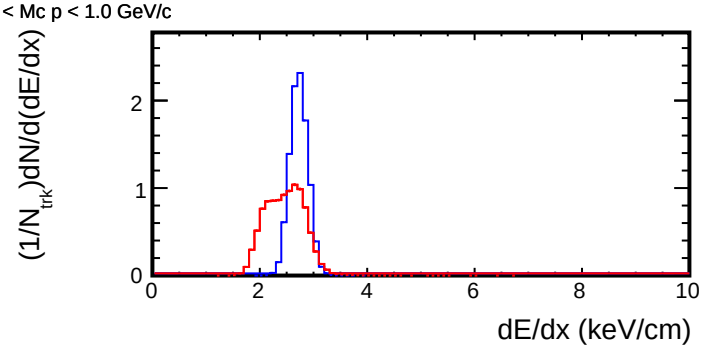
Real data with PID cut (σ<2) TPC

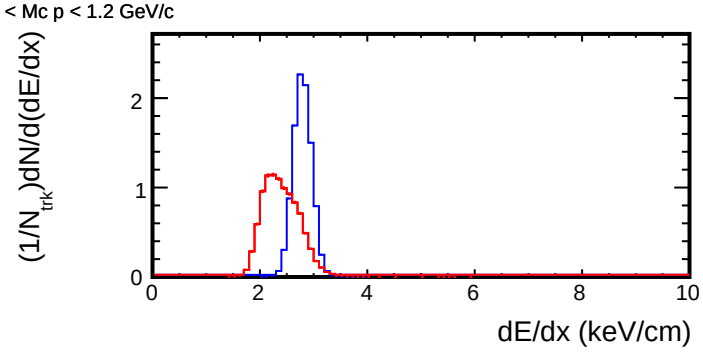
Projection of dE/dx for each p bin

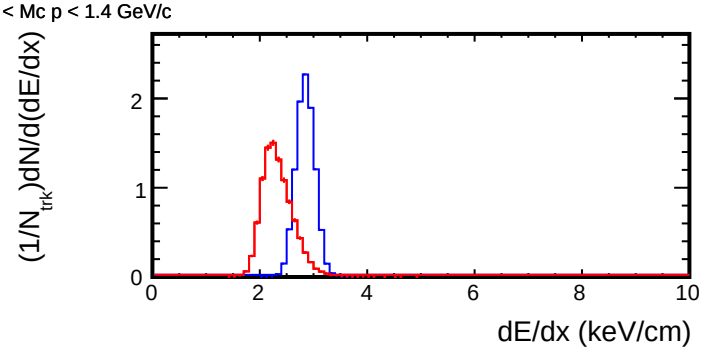








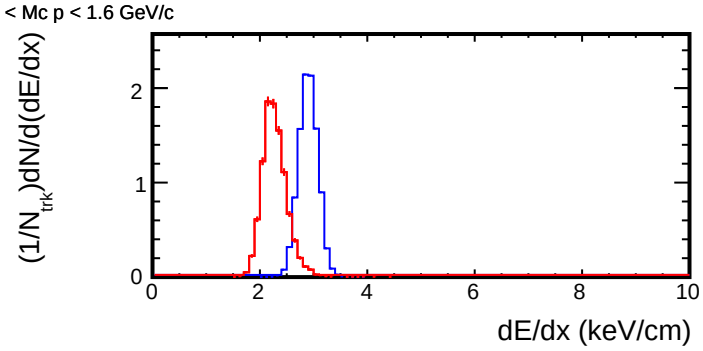


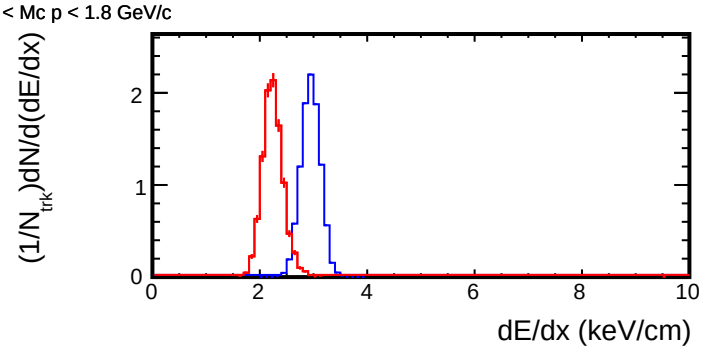


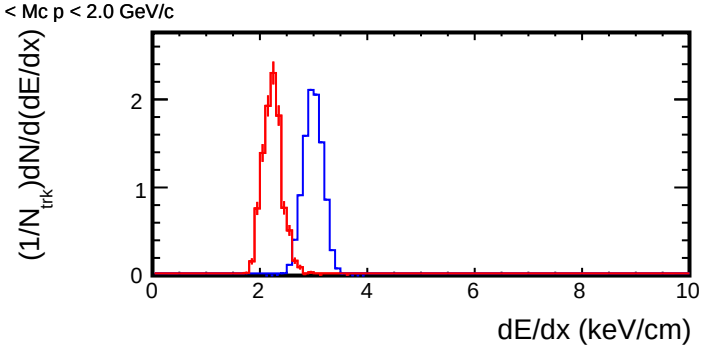
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

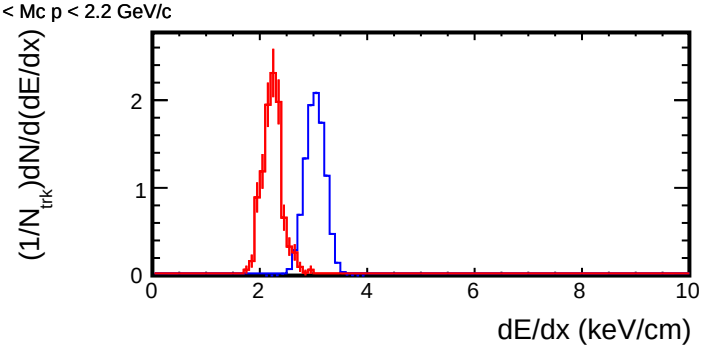
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

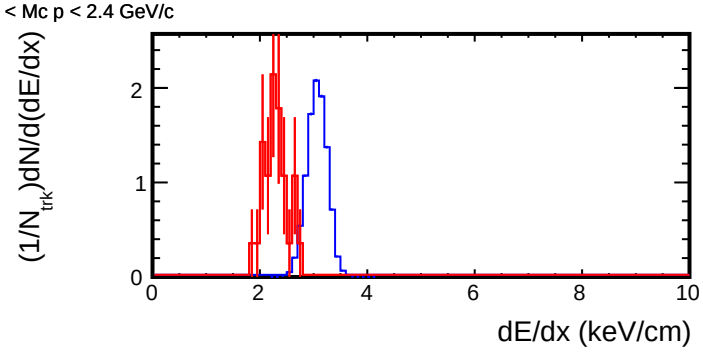
Projection of dE/dx for each p bin

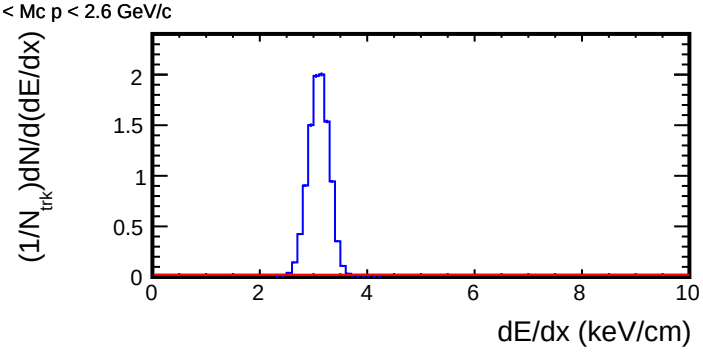








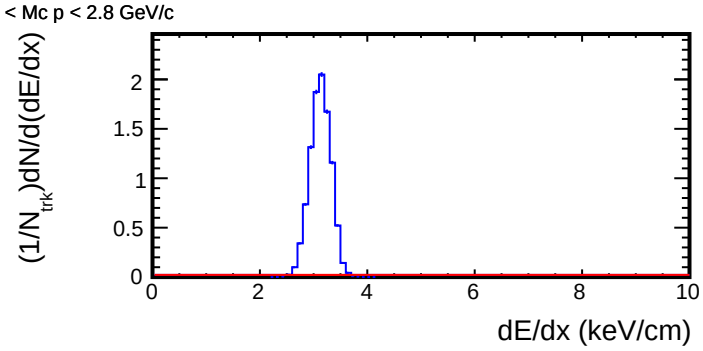


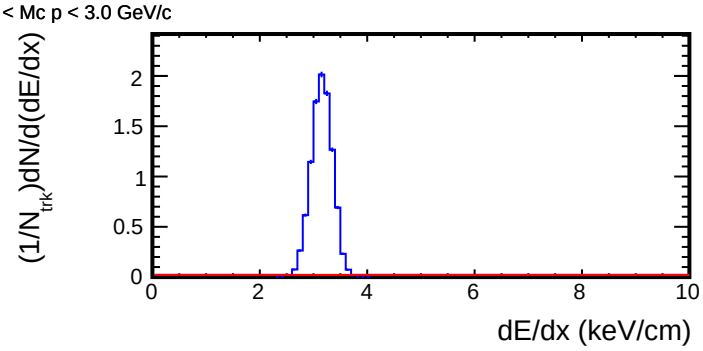


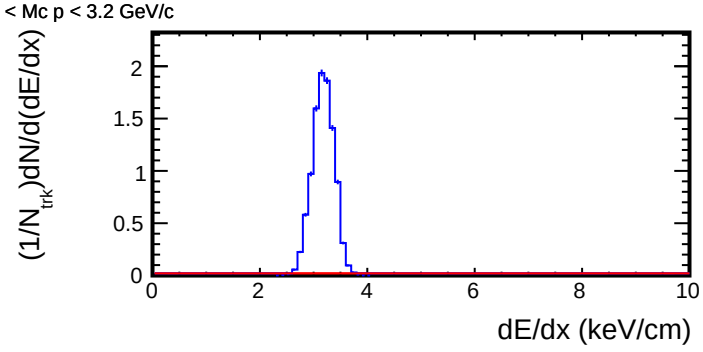
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

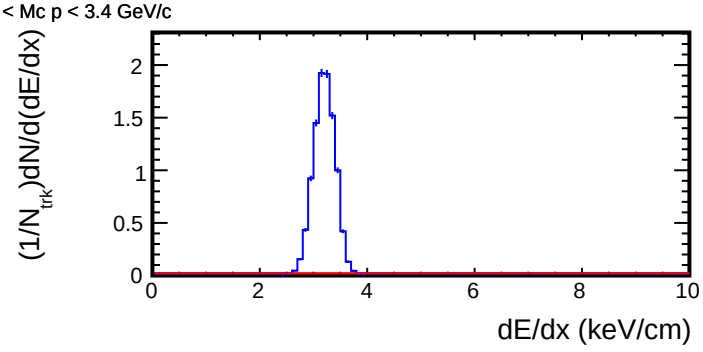
pi-
(PRIMARY, $|n\,\sigma_{pi-}|$<2 TPC)

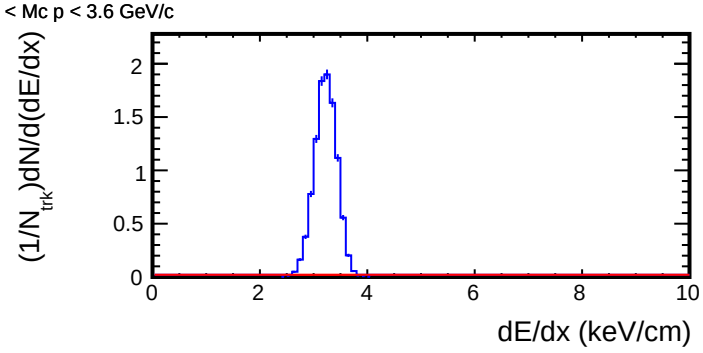
Projection of dE/dx for each p bin

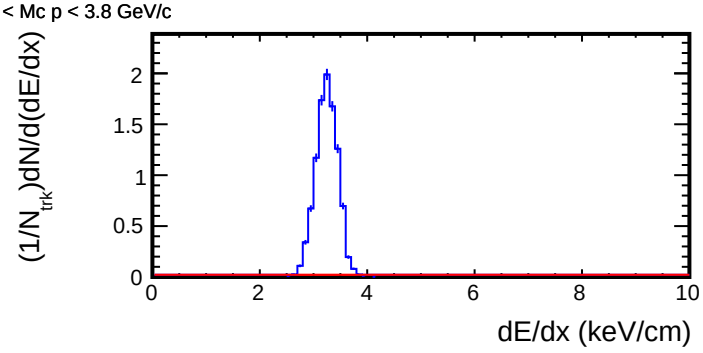








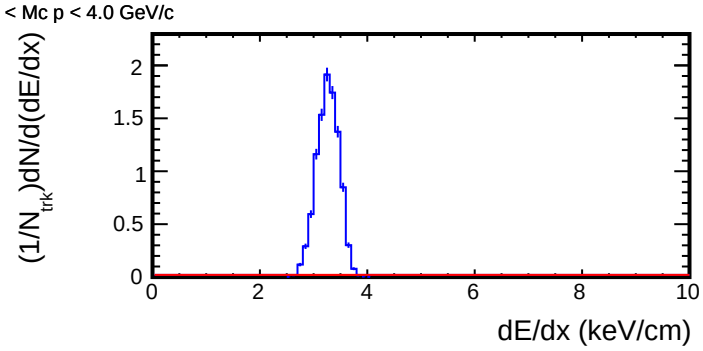


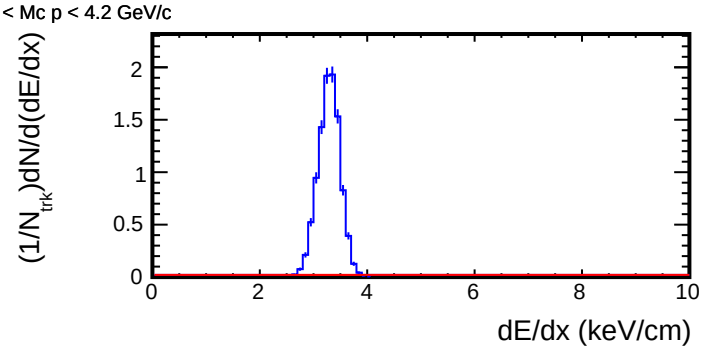


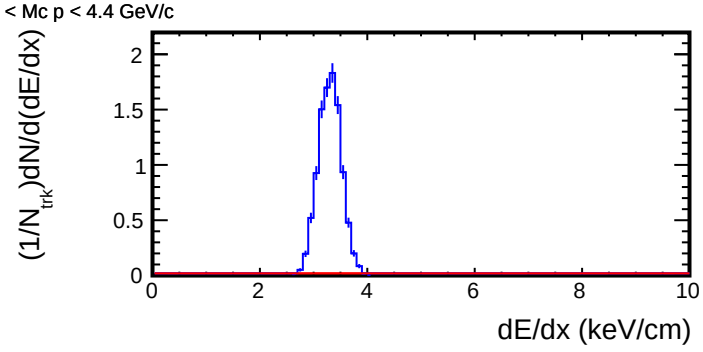
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

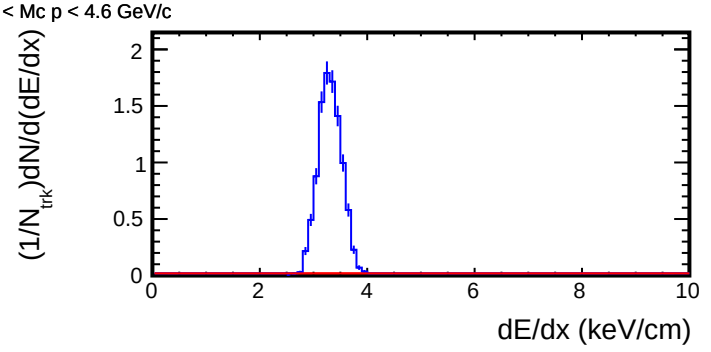
pi-
(PRIMARY, $|n\,\sigma_{pi-}|$<2 TPC)

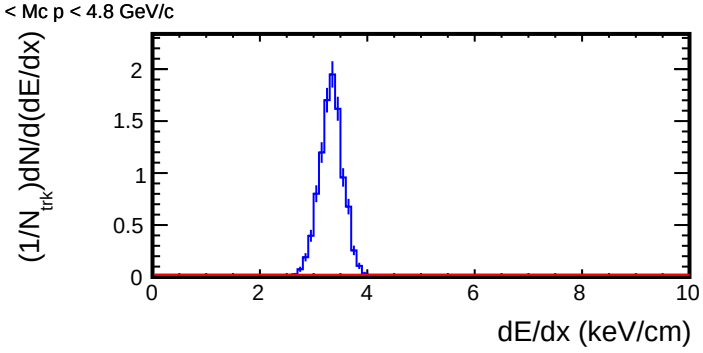
Projection of dE/dx for each p bin

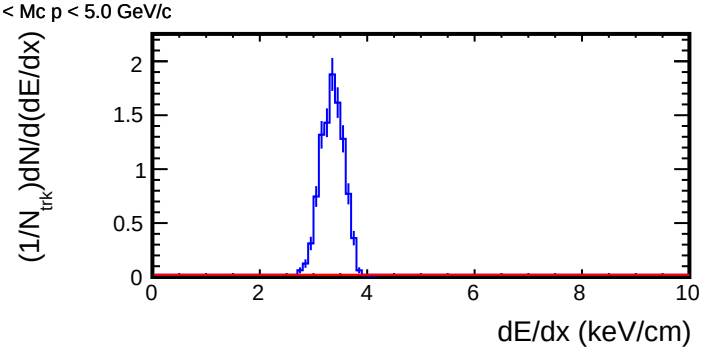








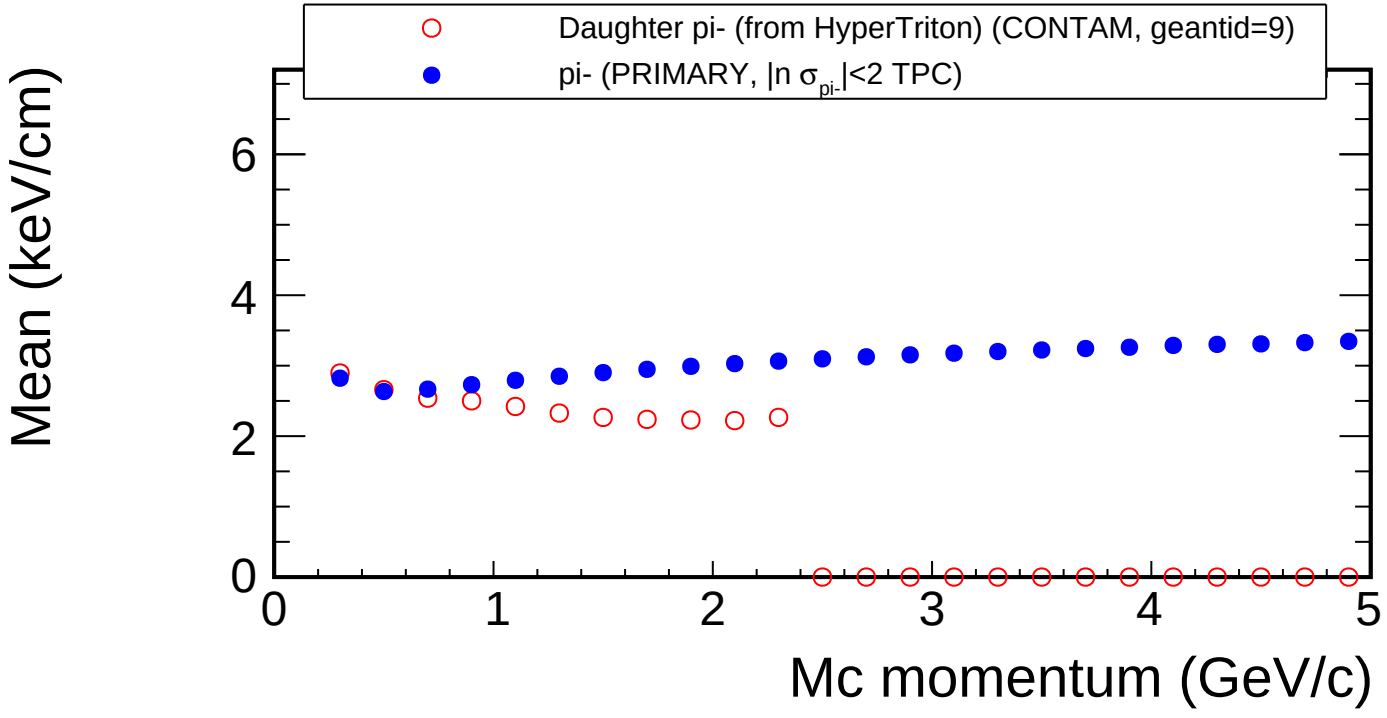


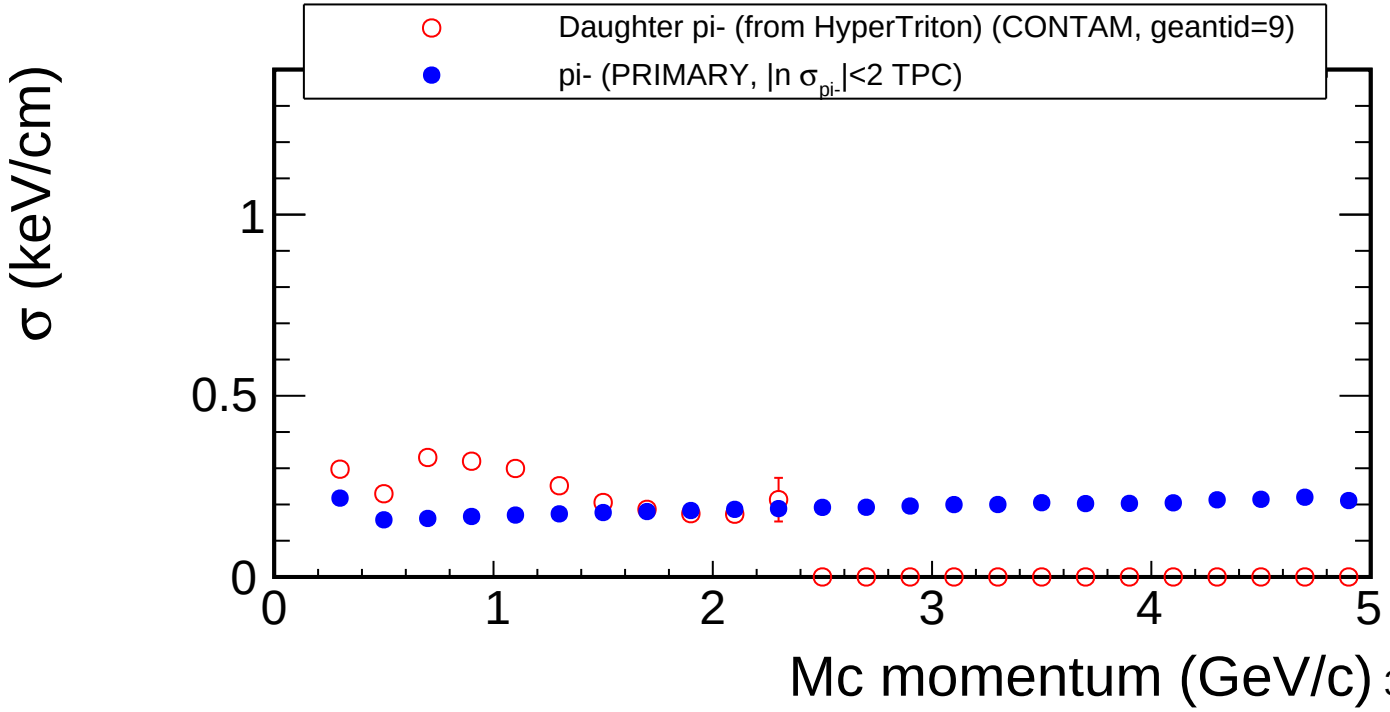


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

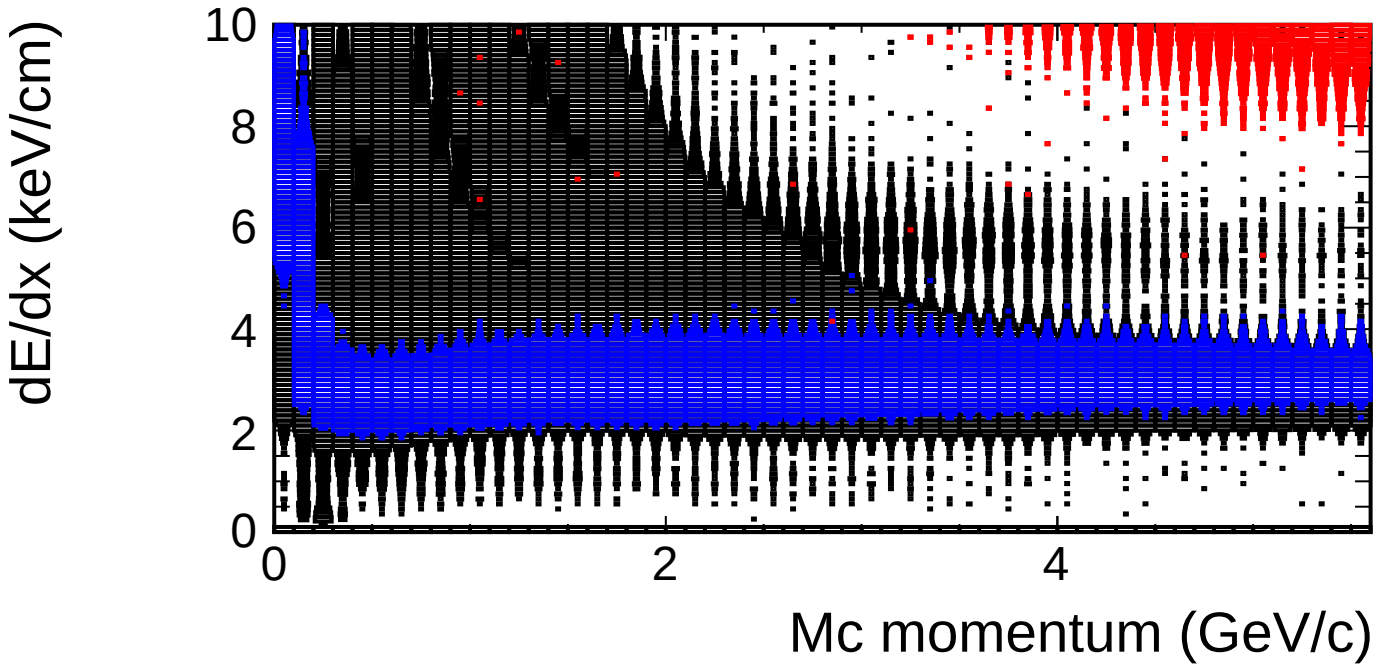
pi-
(PRIMARY, $|n\,\sigma_{pi-}|<2$ TPC)

Mean/σ of dE/dx vs momentum





dE/dx vs momentum (Embedding:He3, Real:He3)

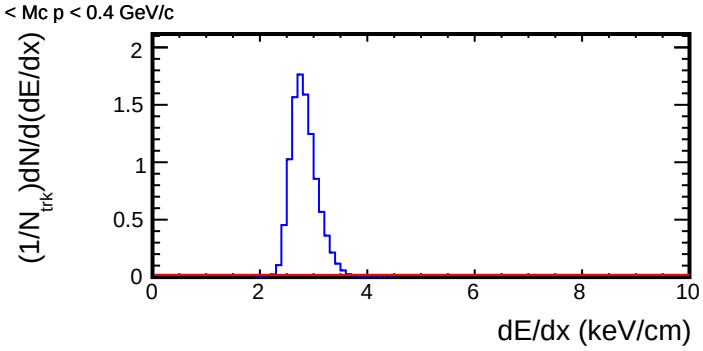


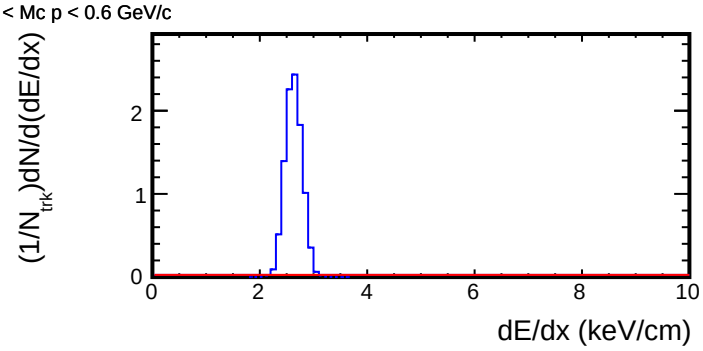
Daughter He3 (from HyperTriton) (CONTAM, geantid=49)

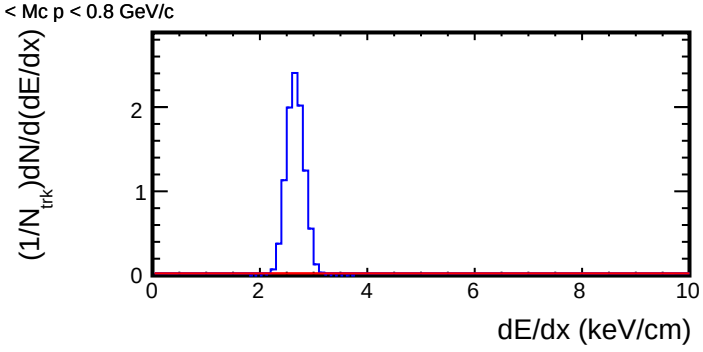
Real data

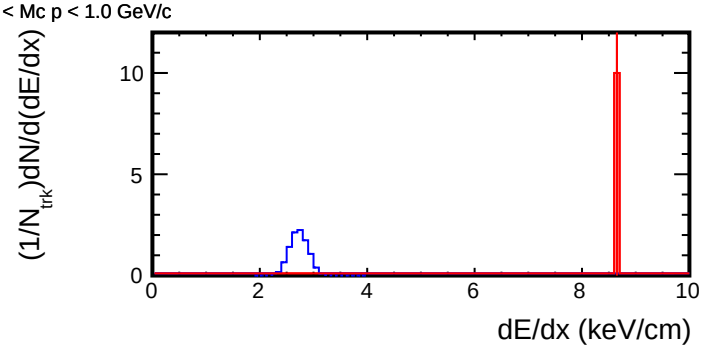
Real data with PID cut (σ<2) TPC

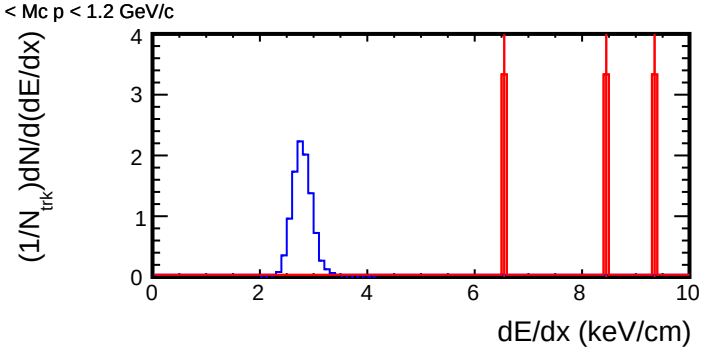
Projection of dE/dx for each p bin

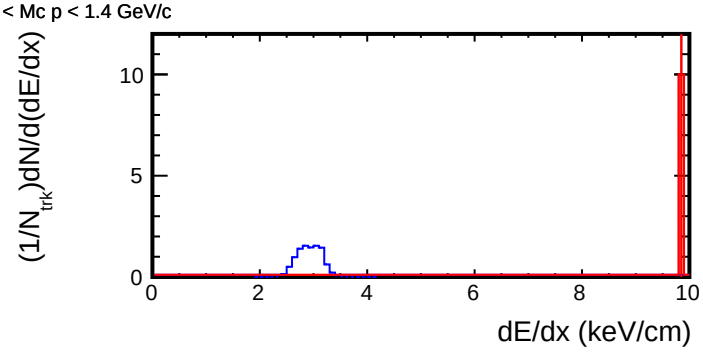








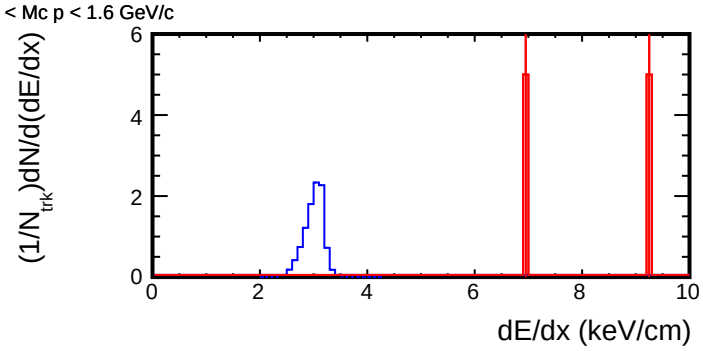


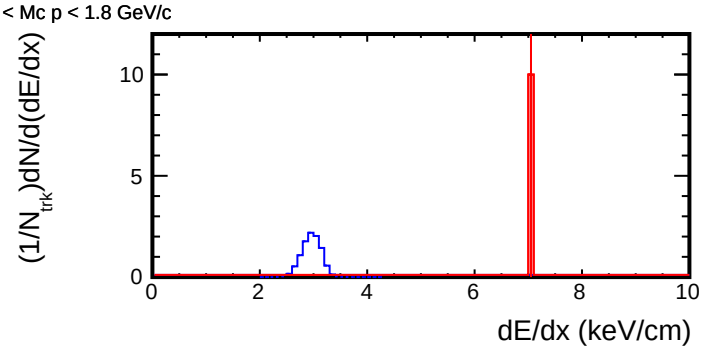


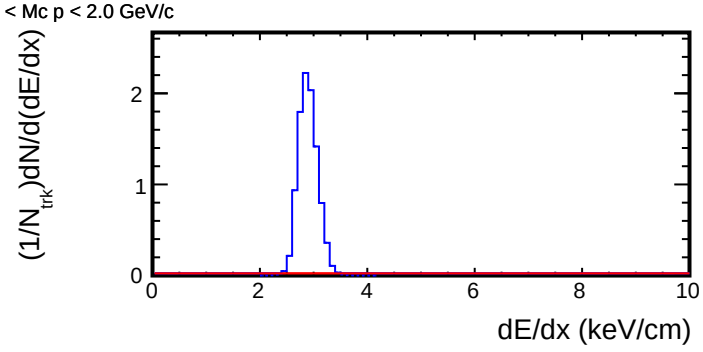
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

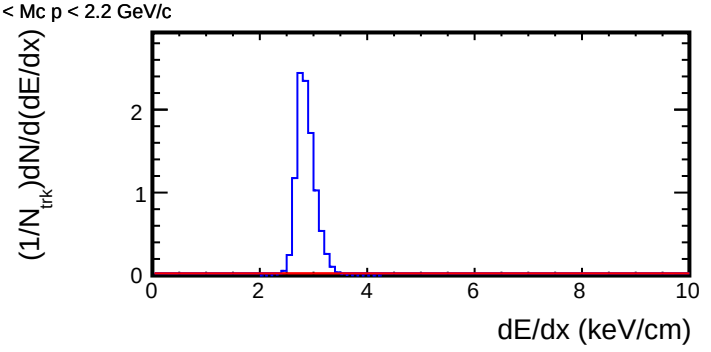
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

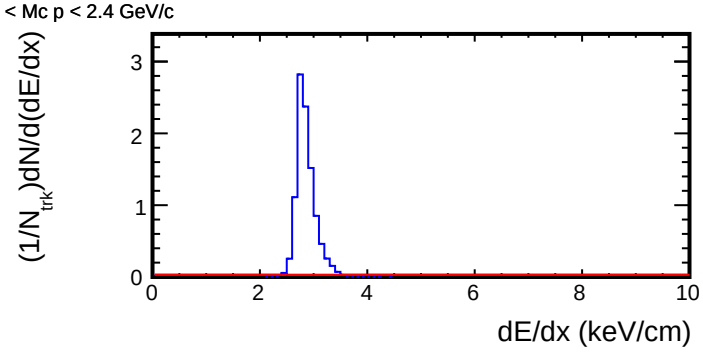
Projection of dE/dx for each p bin

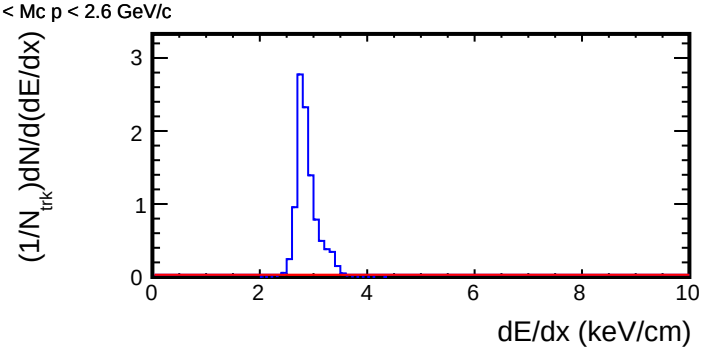








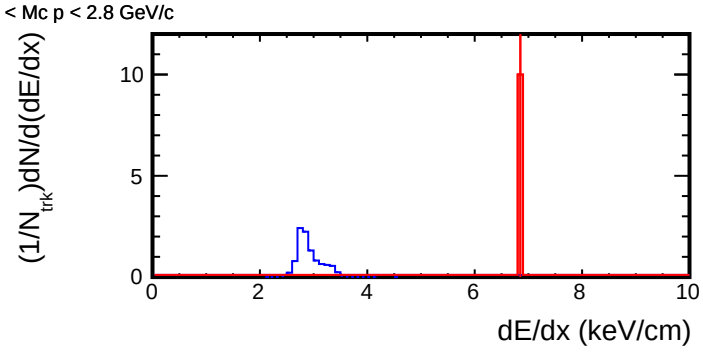


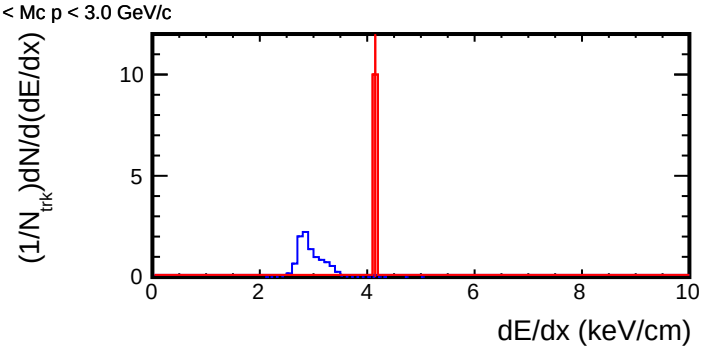


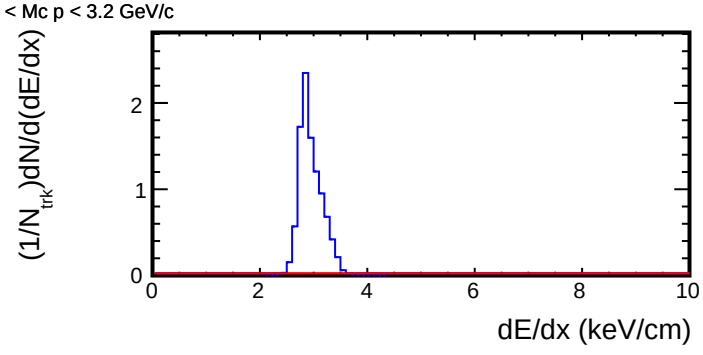
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

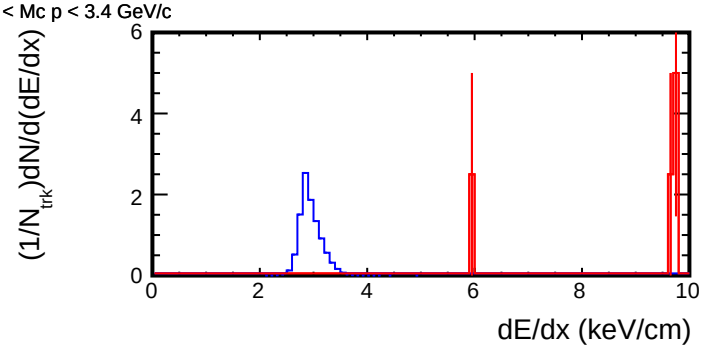
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

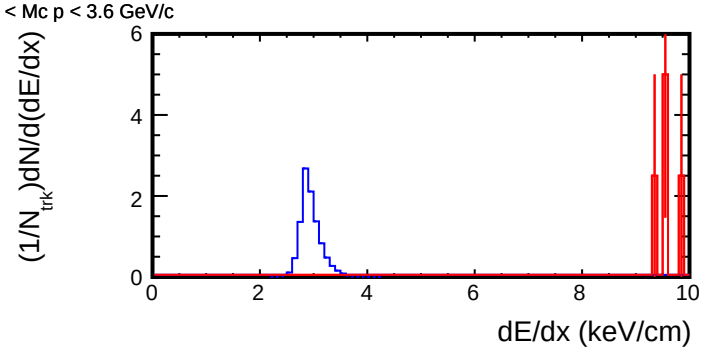
Projection of dE/dx for each p bin

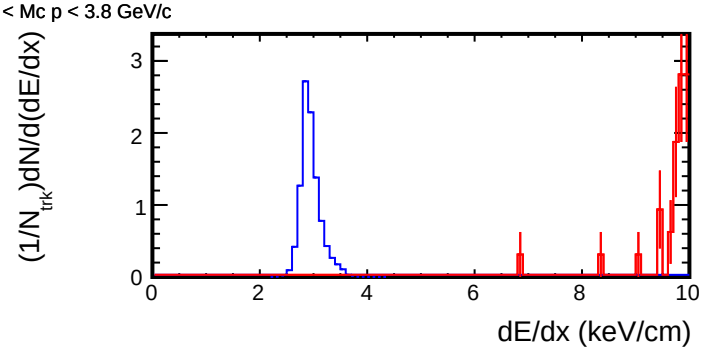








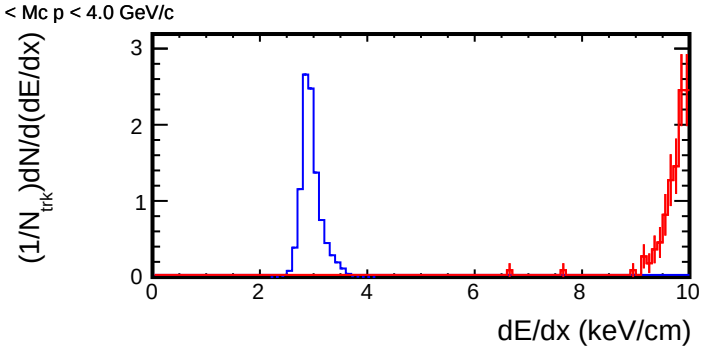


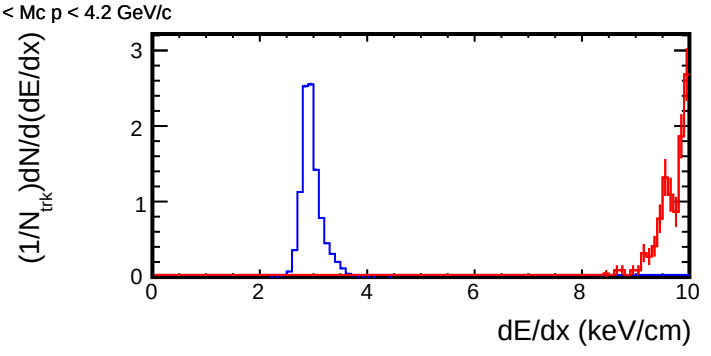


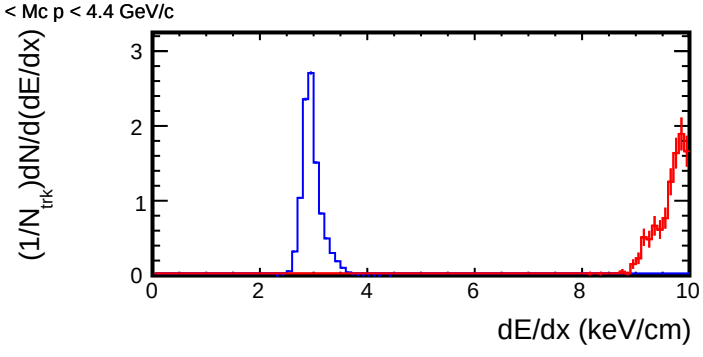
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

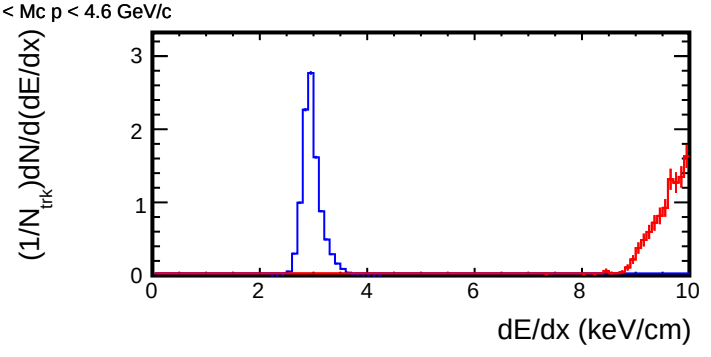
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

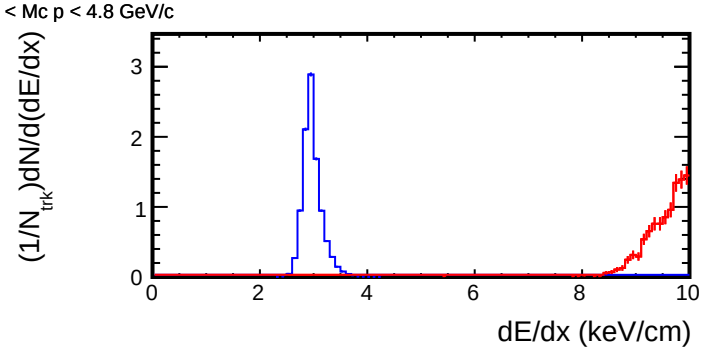
Projection of dE/dx for each p bin

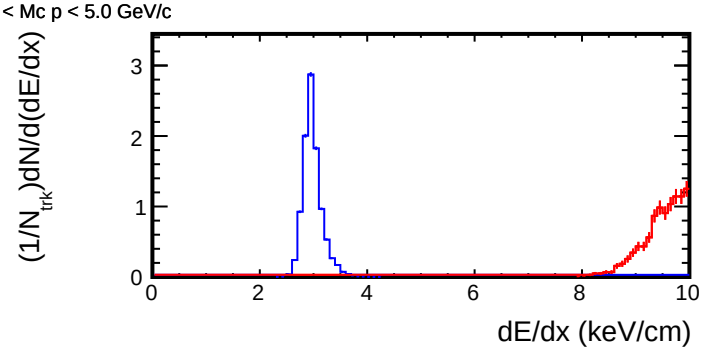








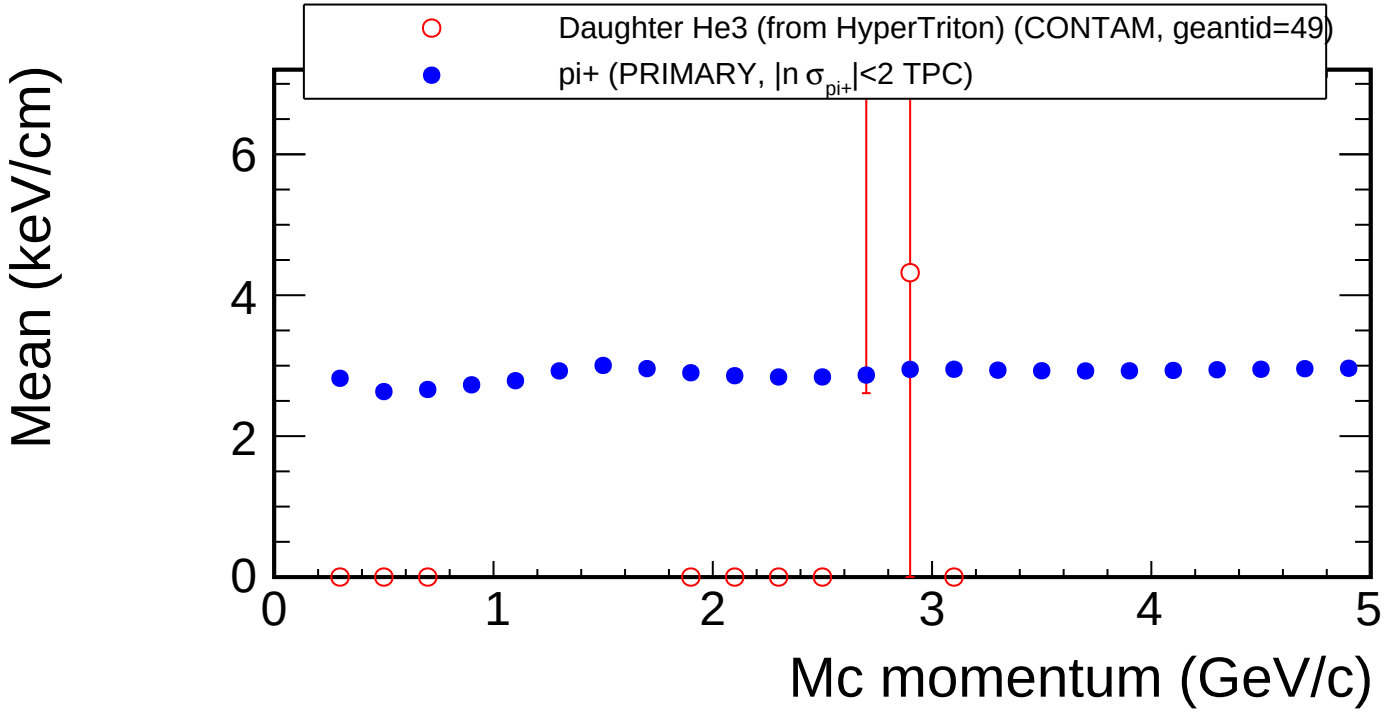


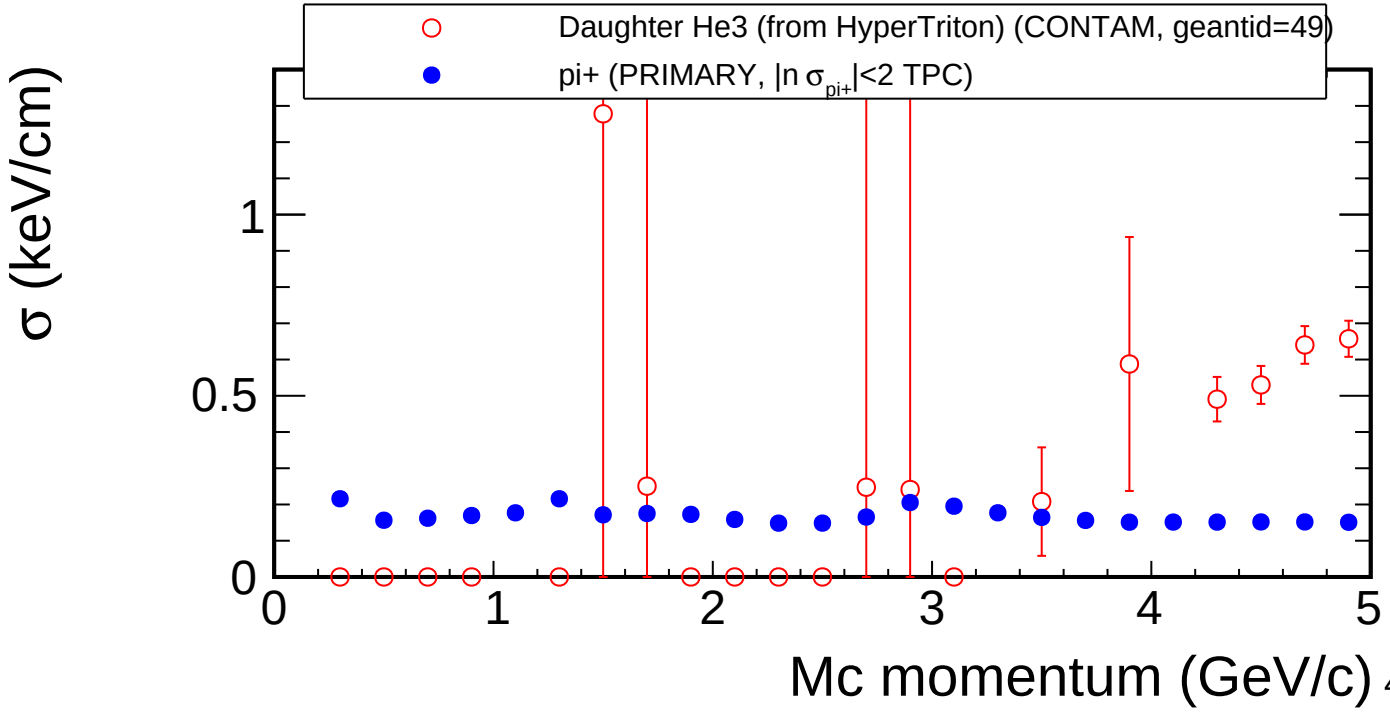


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

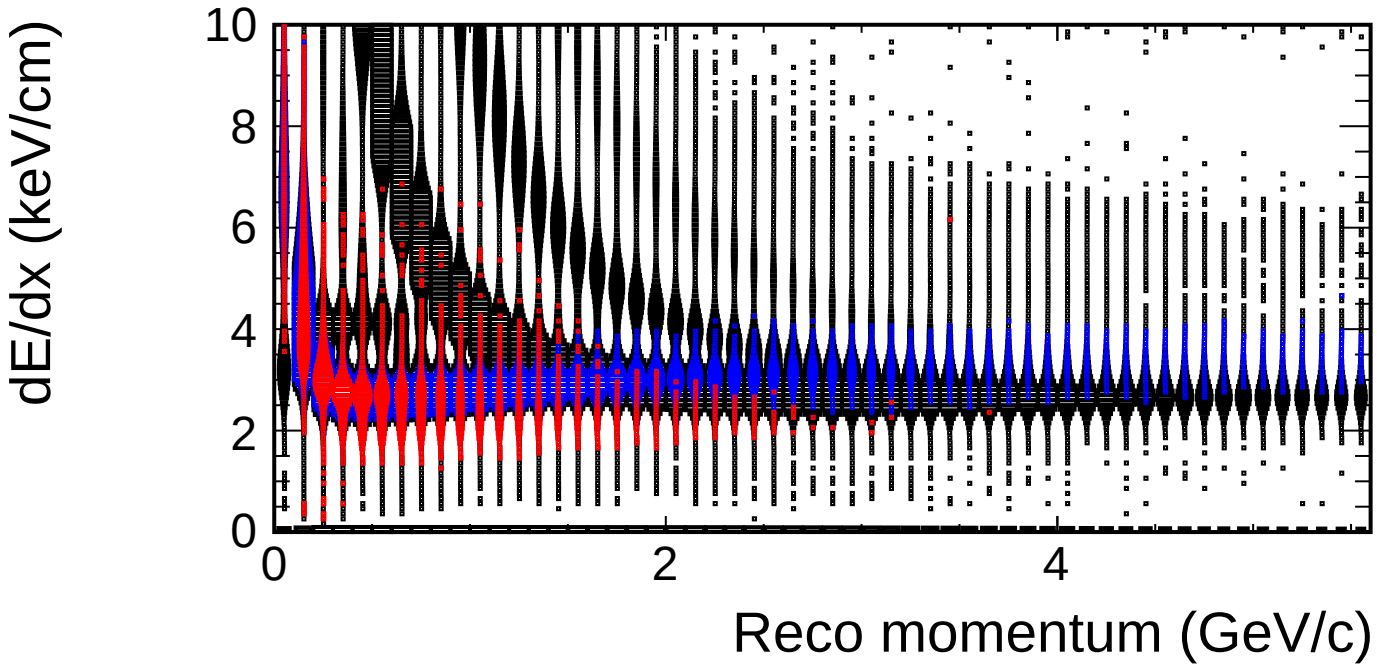
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

Mean/σ of dE/dx vs momentum





dE/dx vs momentum (Embedding:pi-, Real:pi-)

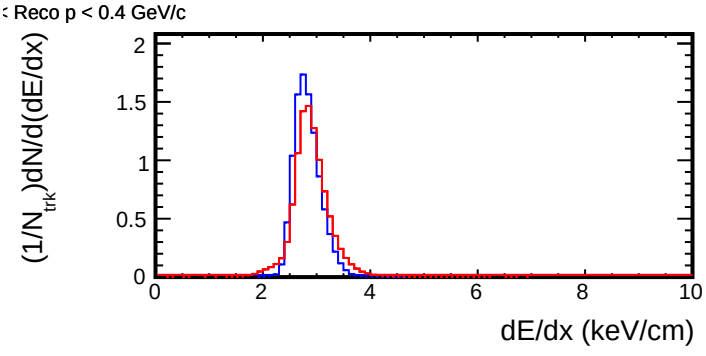


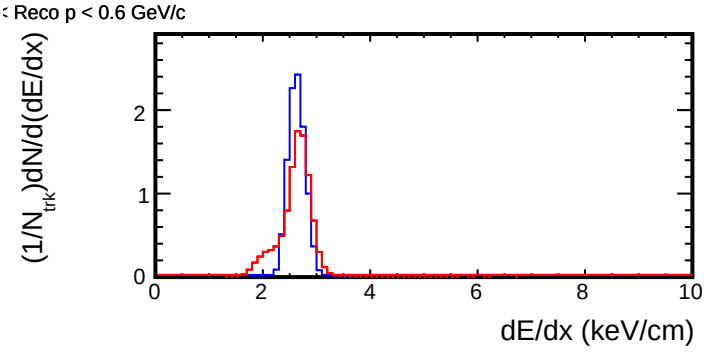
Daughter pi- (from HyperTriton) (CONTAM, geantid=9)

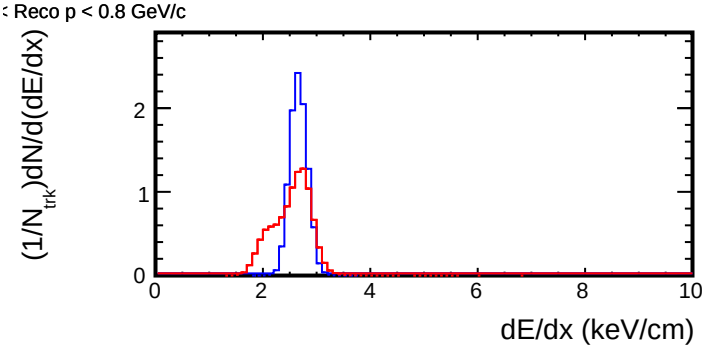
Real data

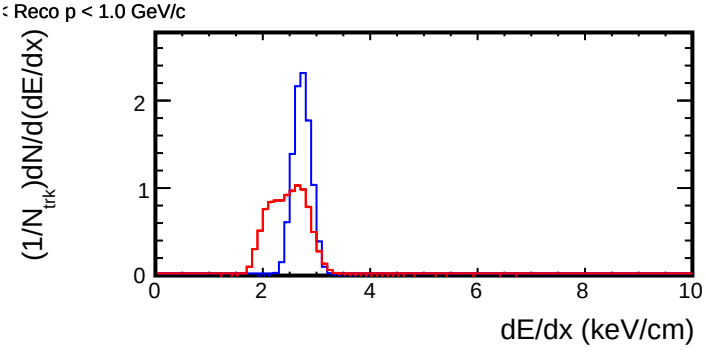
Real data with PID cut (σ<2) TPC

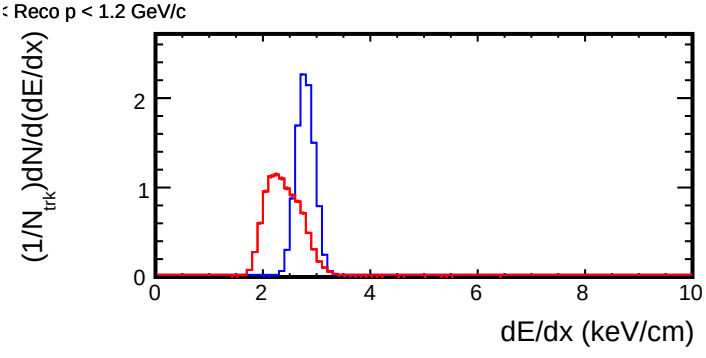
Projection of dE/dx for each p bin

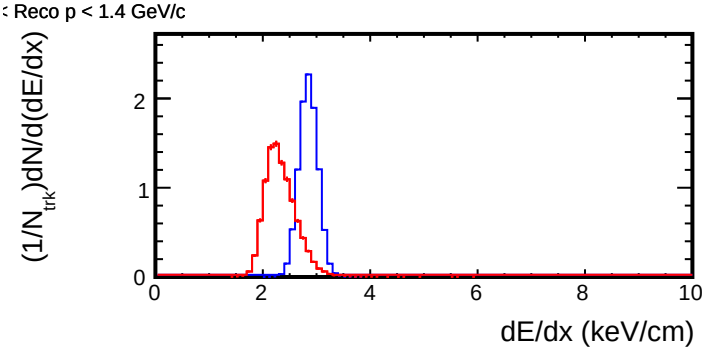








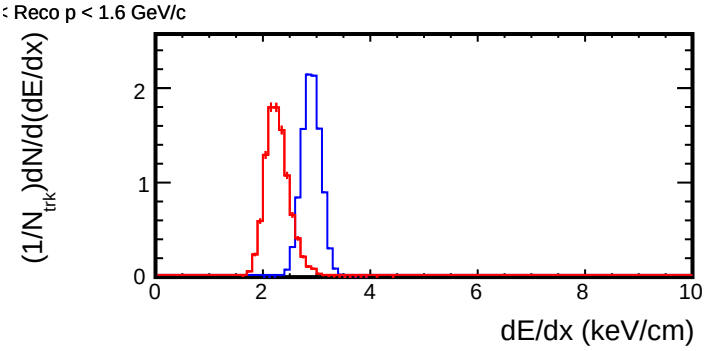


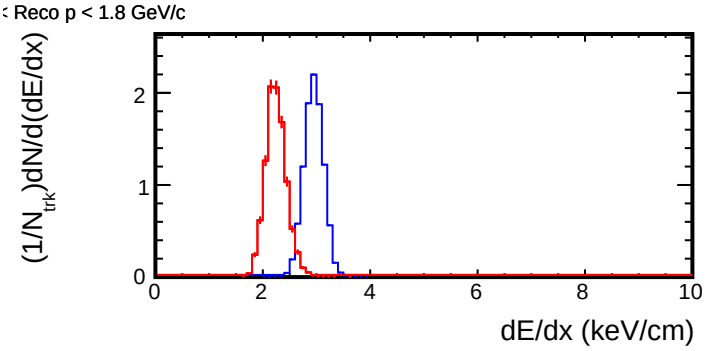


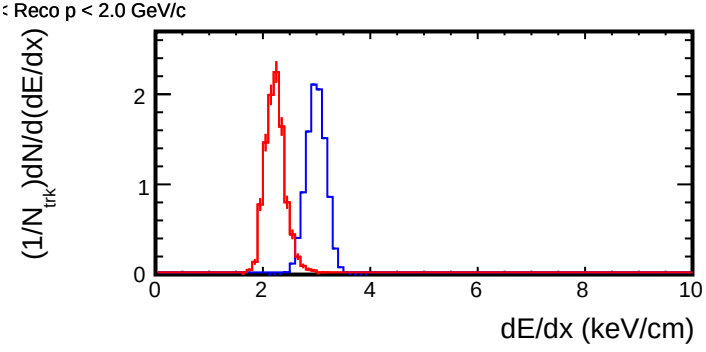
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

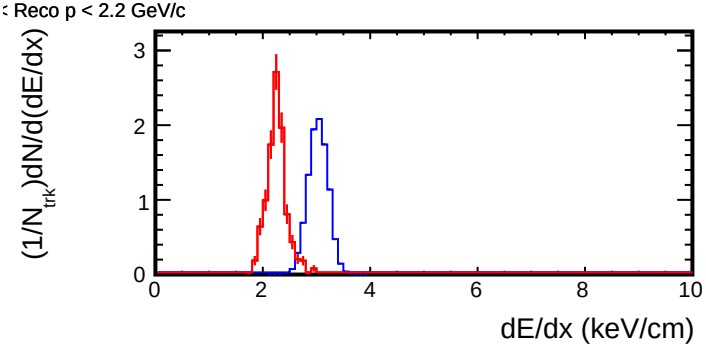
pi-
(PRIMARY, $|n\,\sigma_{pi-}|$<2 TPC)

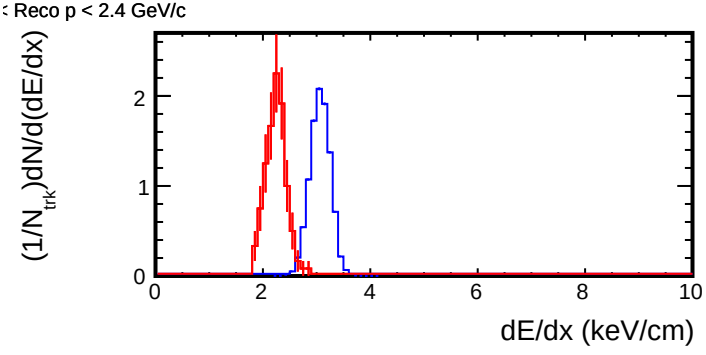
Projection of dE/dx for each p bin

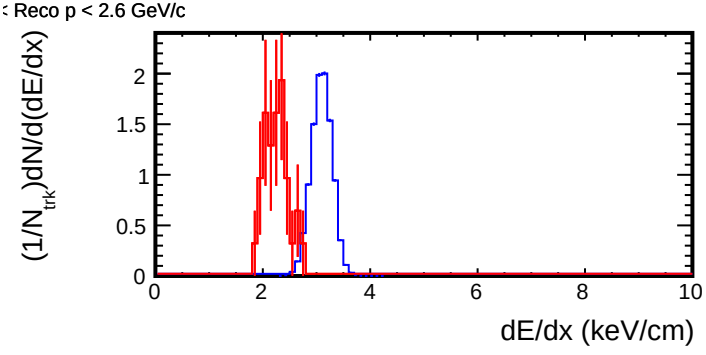








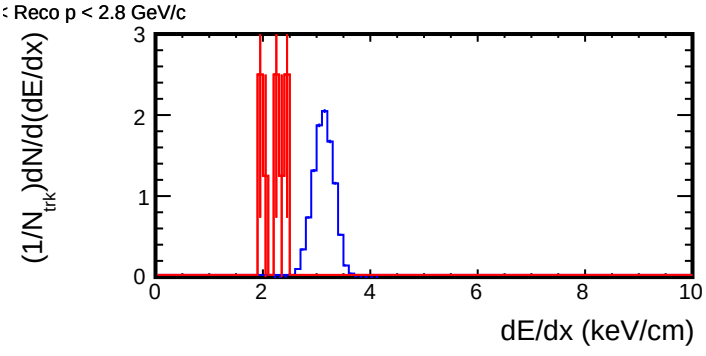


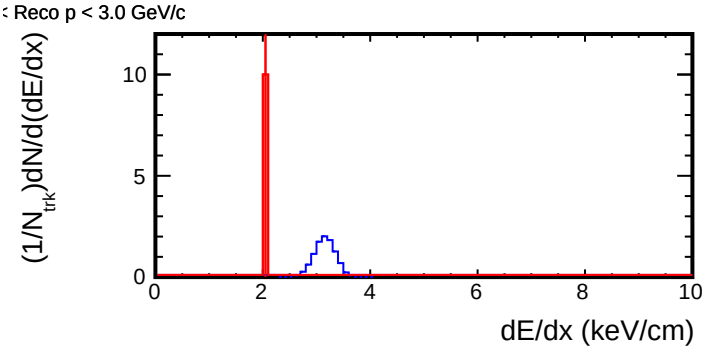


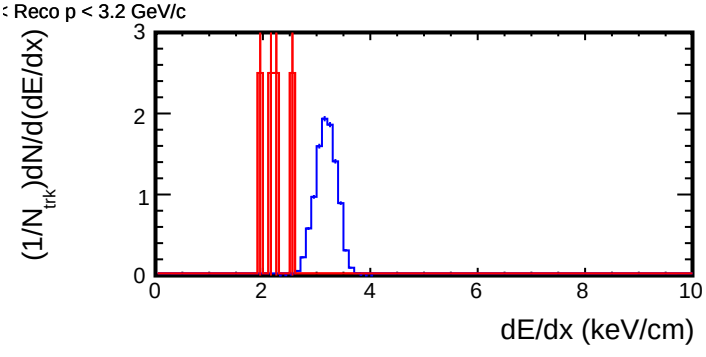
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

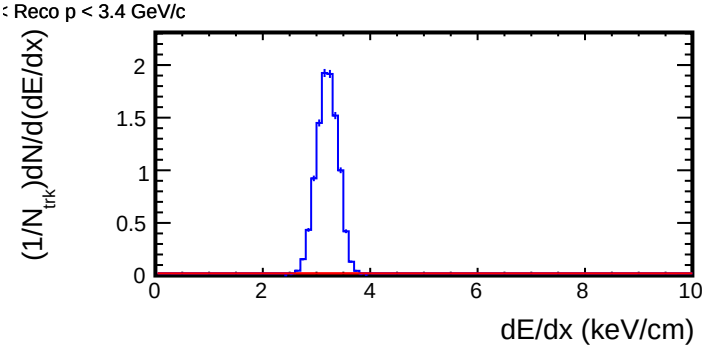
pi-
(PRIMARY, $|n\,\sigma_{pi-}|$<2 TPC)

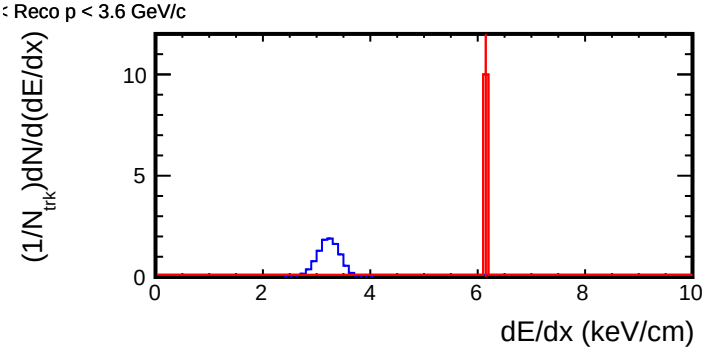
Projection of dE/dx for each p bin

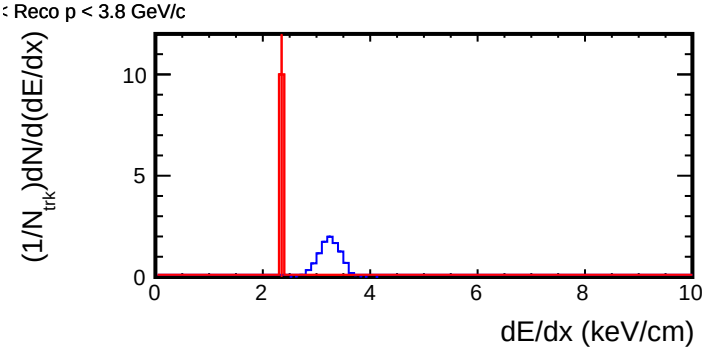








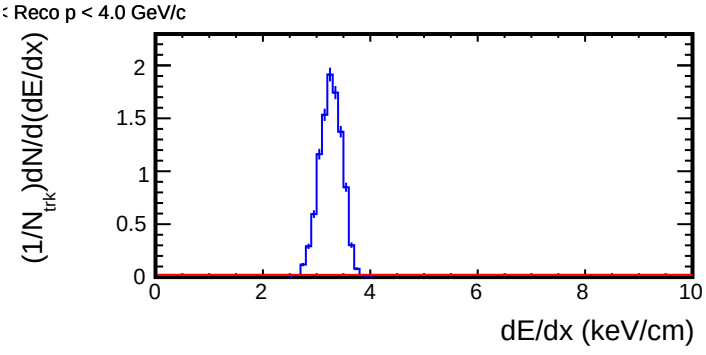


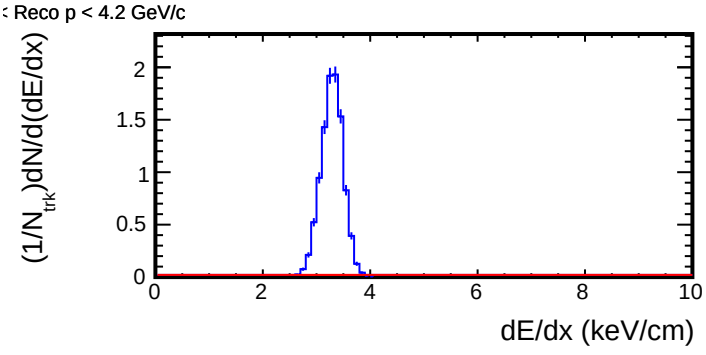


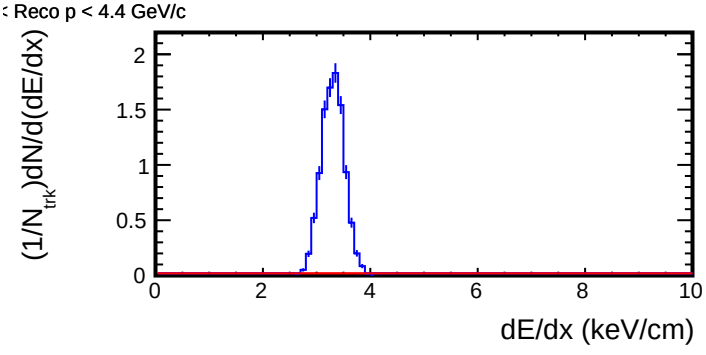
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

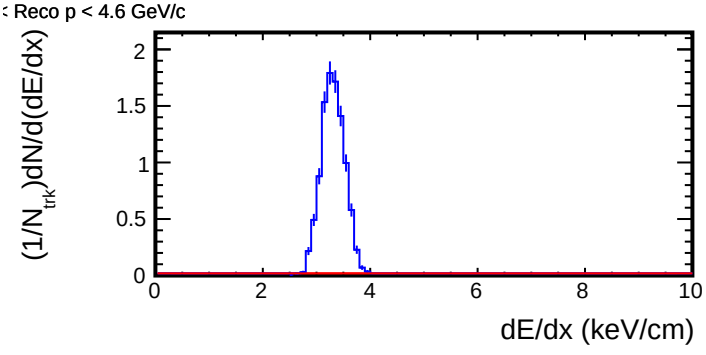
pi-
(PRIMARY, $|n\,\sigma_{pi-}|<2$ TPC)

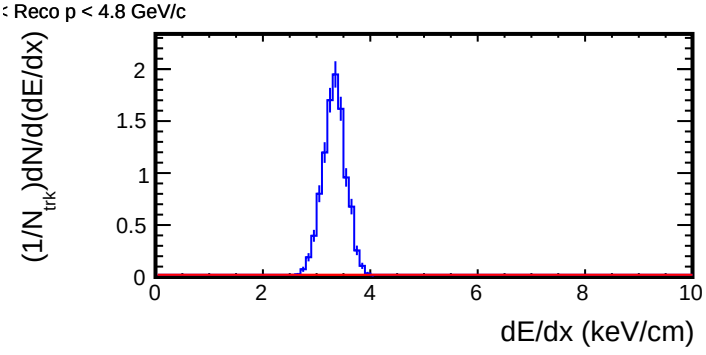
Projection of dE/dx for each p bin

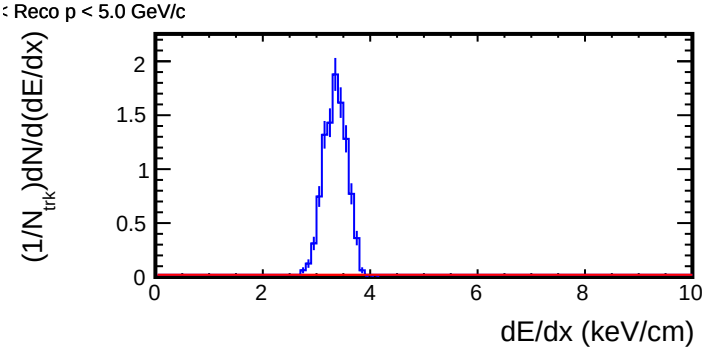








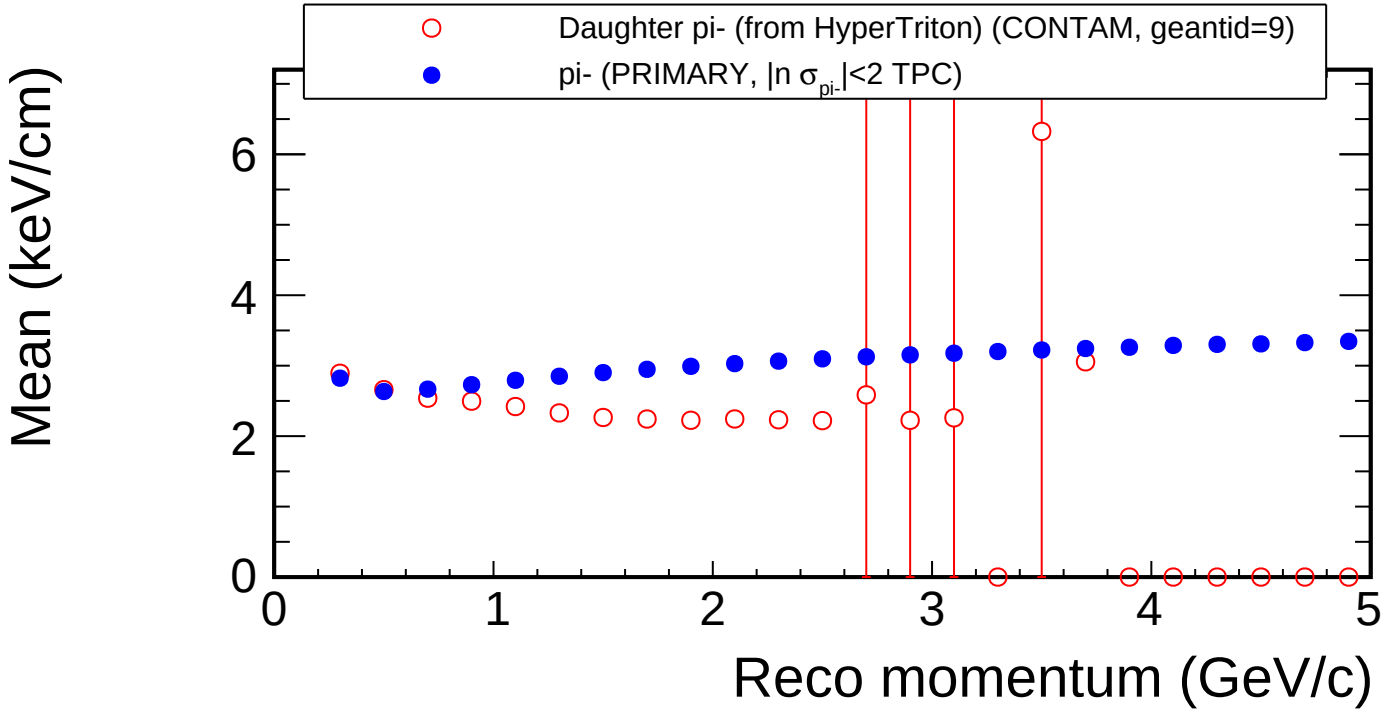


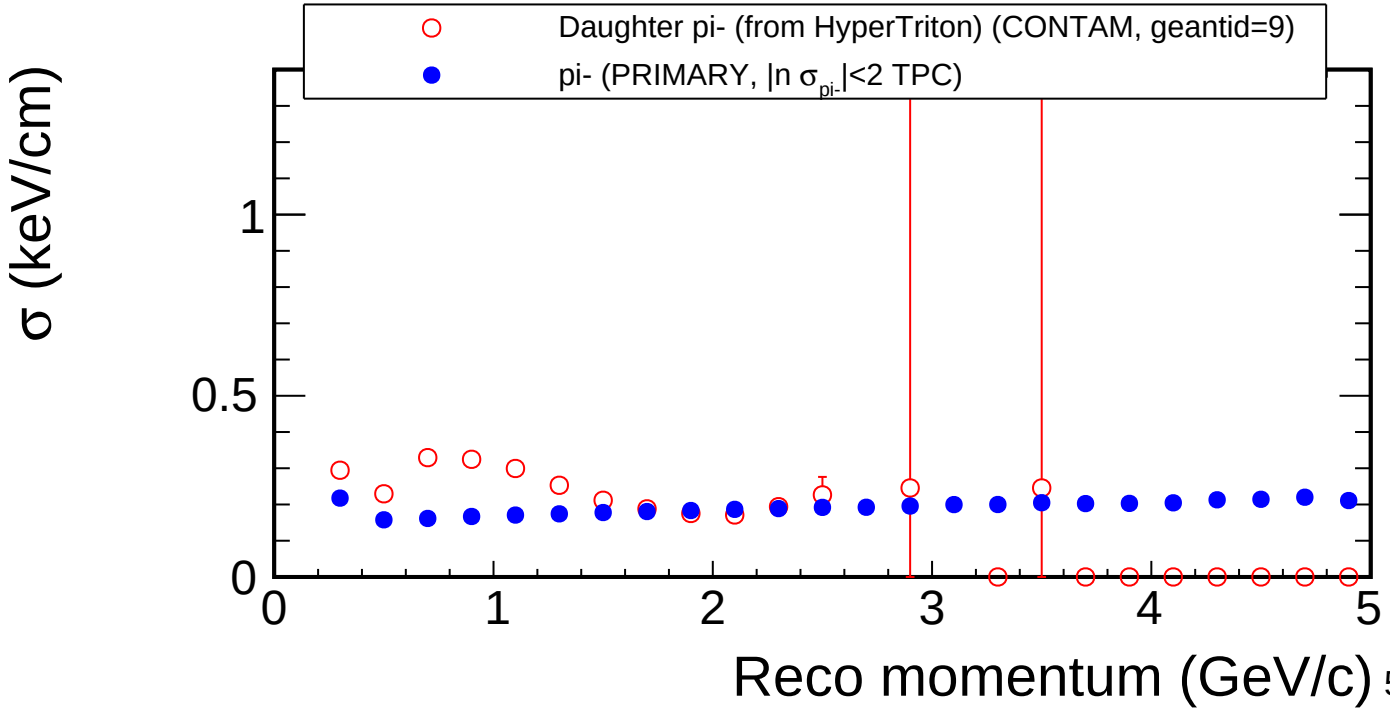


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

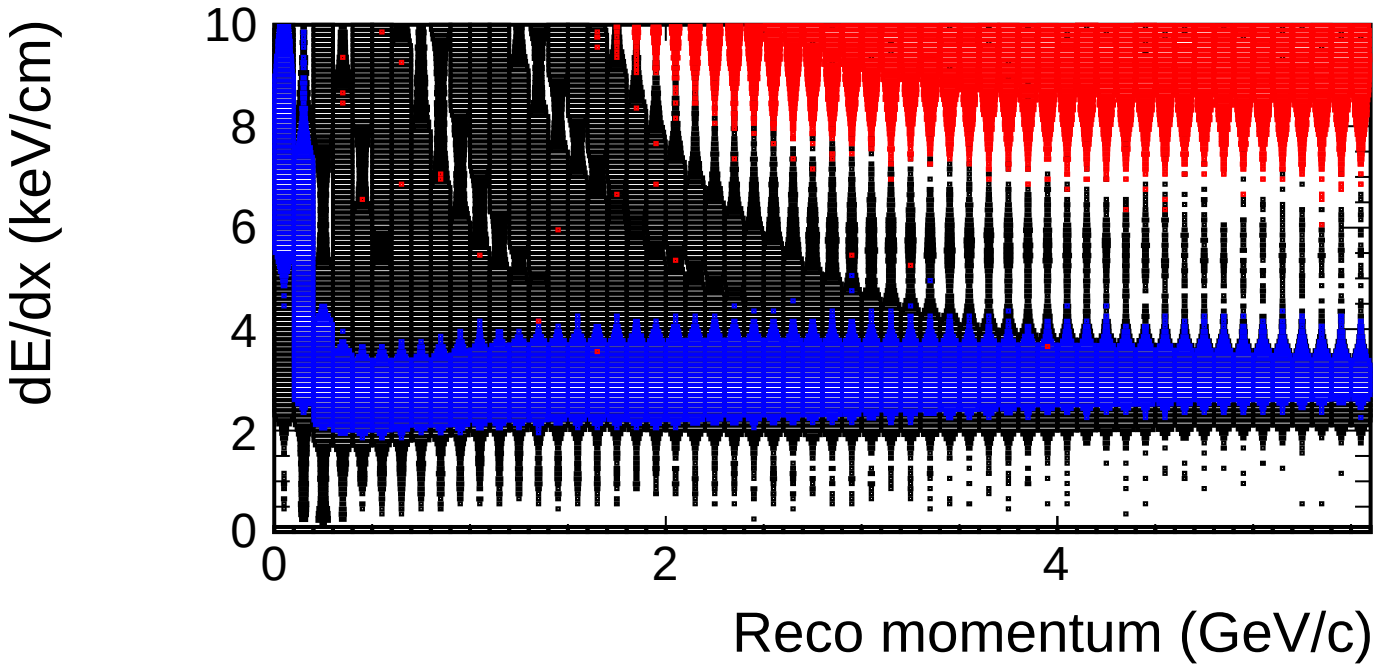
pi-
(PRIMARY, $|n\,\sigma_{pi-}|<2$ TPC)

Mean/σ of dE/dx vs momentum





dE/dx vs momentum (Embedding:He3, Real:He3)

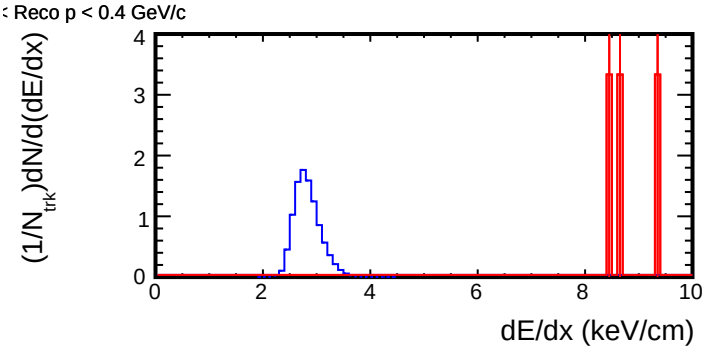


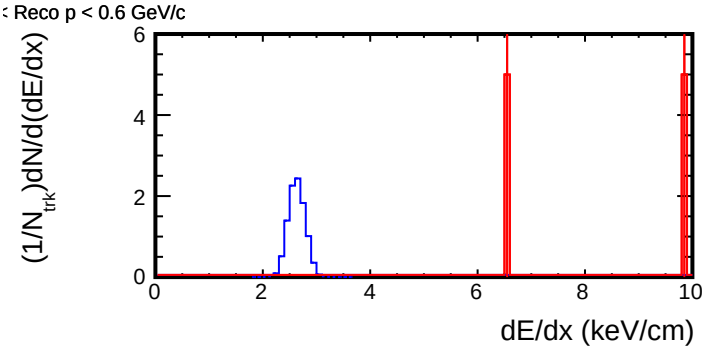
Daughter He3 (from HyperTriton) (CONTAM, geantid=49)

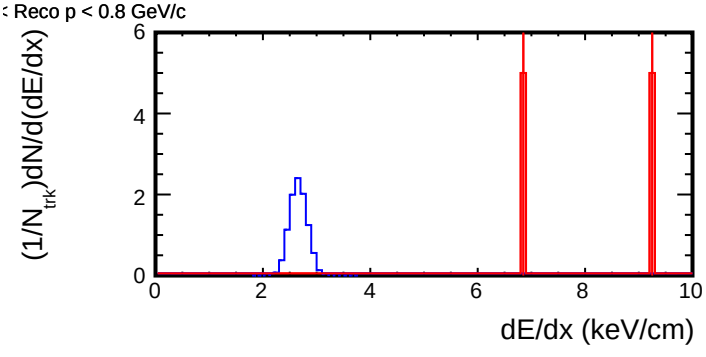
Real data

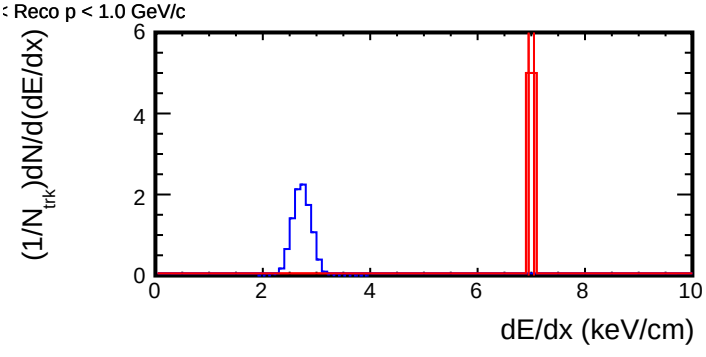
Real data with PID cut (σ<2) TPC

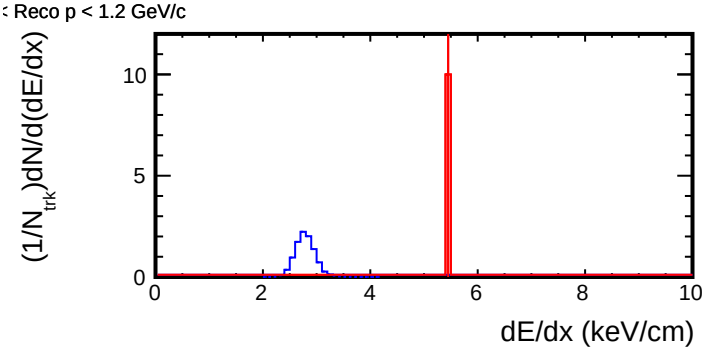
Projection of dE/dx for each p bin

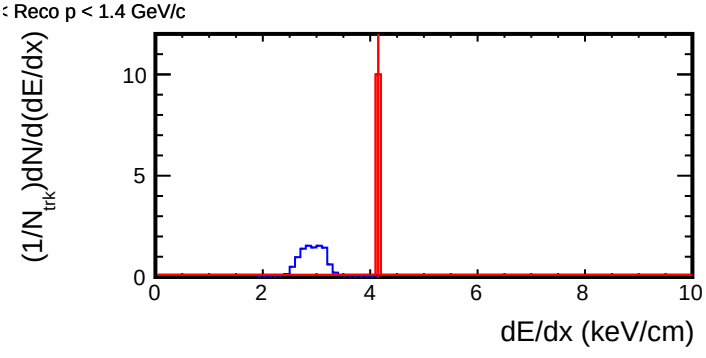








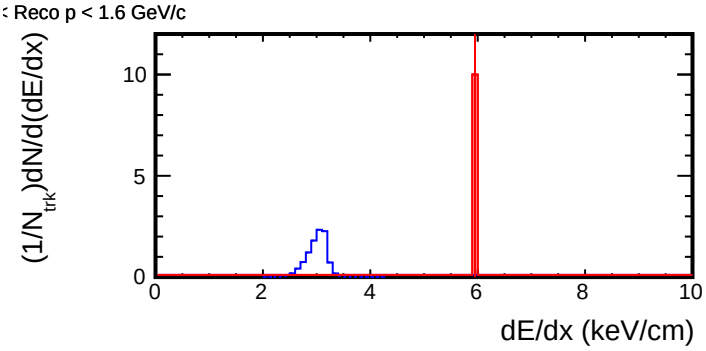


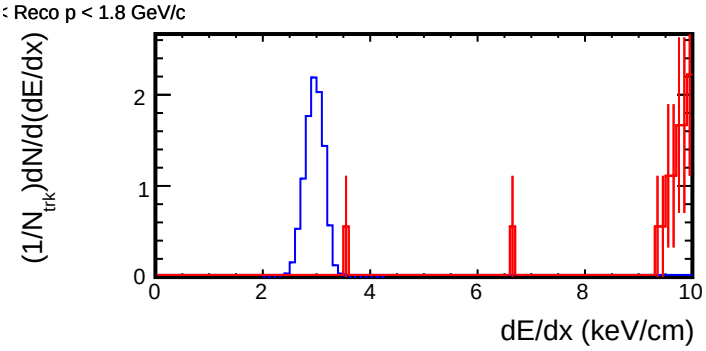


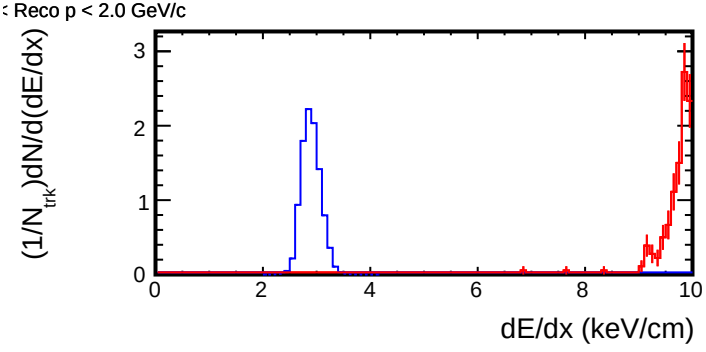
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

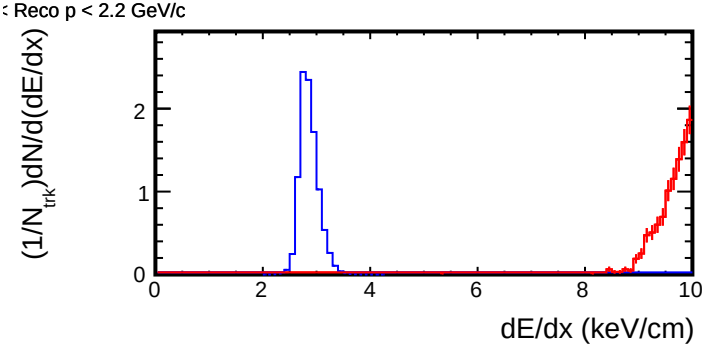
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

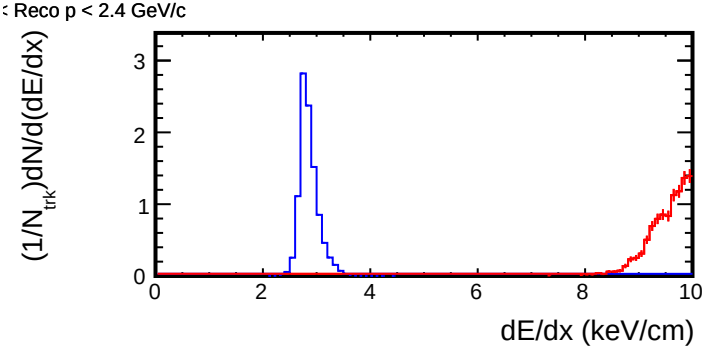
Projection of dE/dx for each p bin

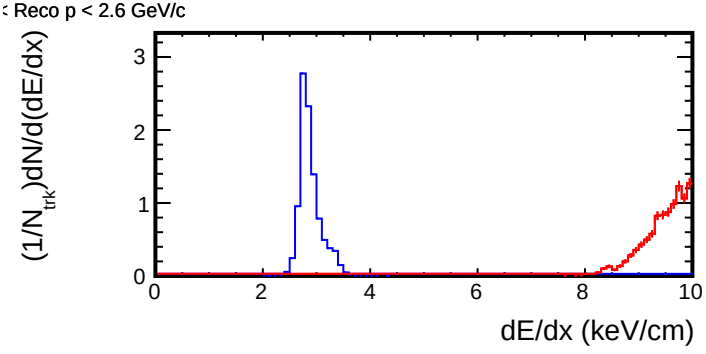








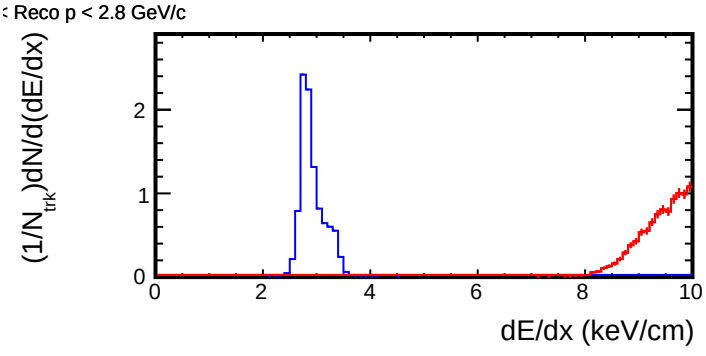


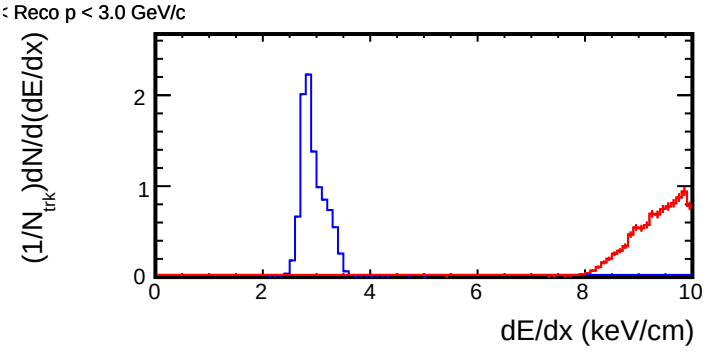


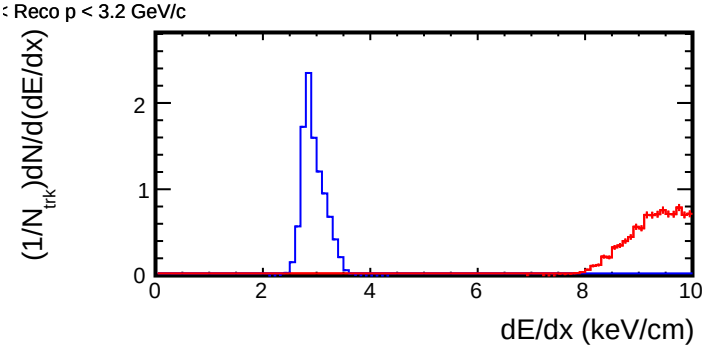
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

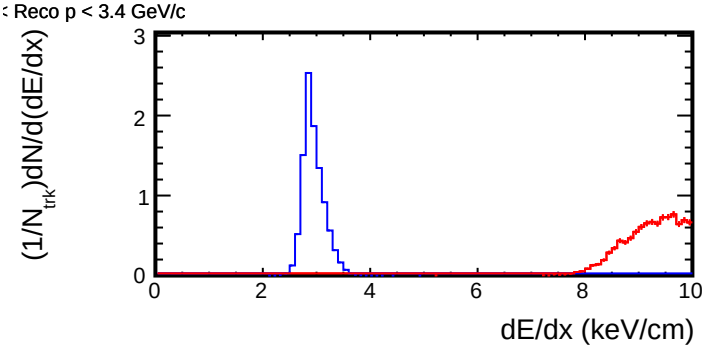
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

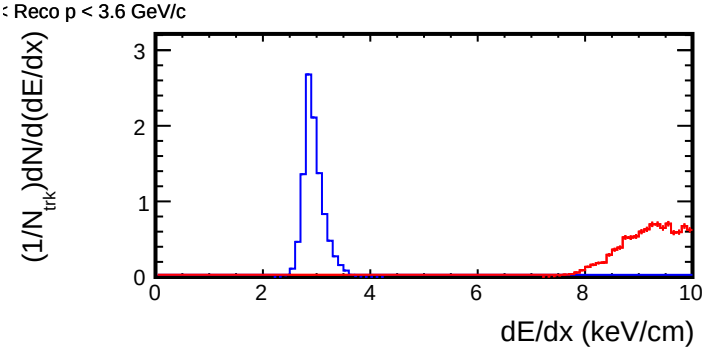
Projection of dE/dx for each p bin

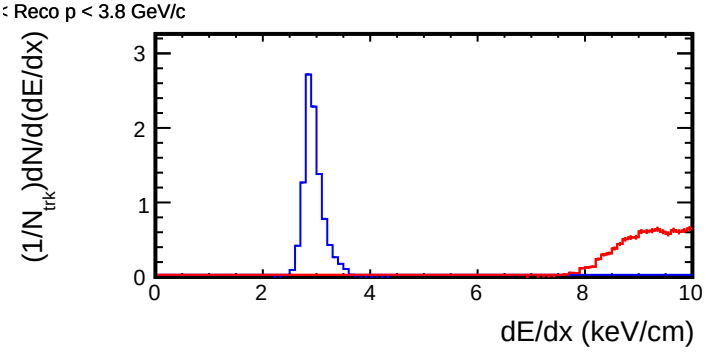








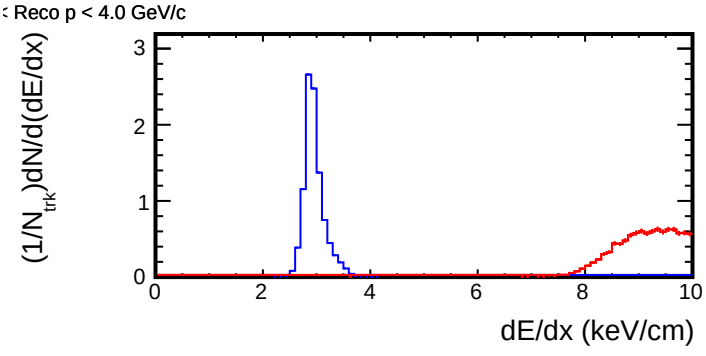


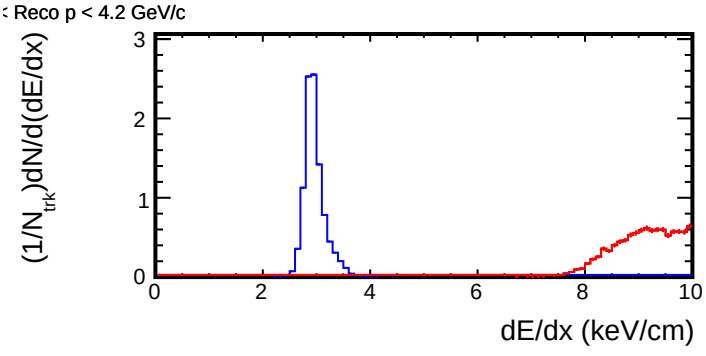


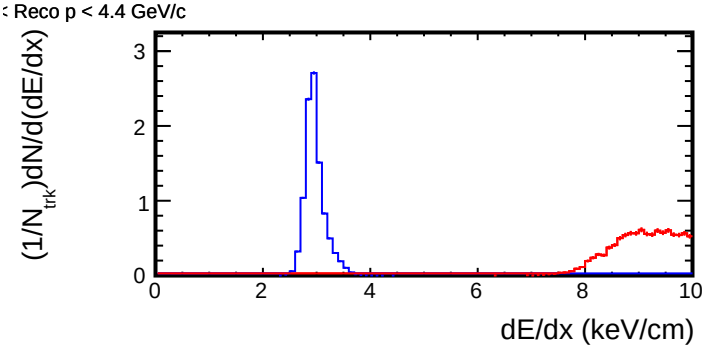
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

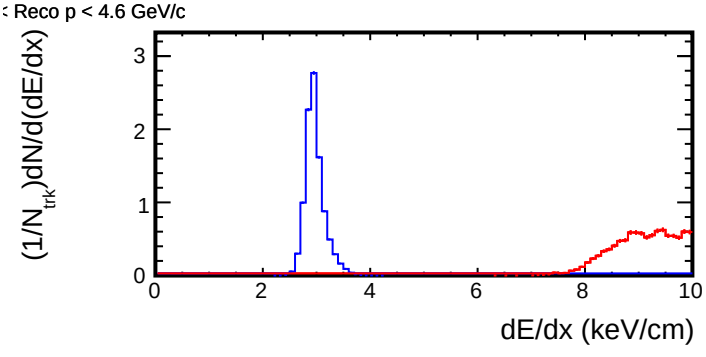
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

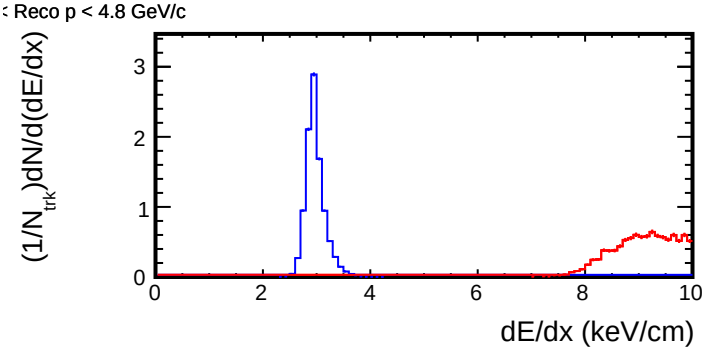
Projection of dE/dx for each p bin

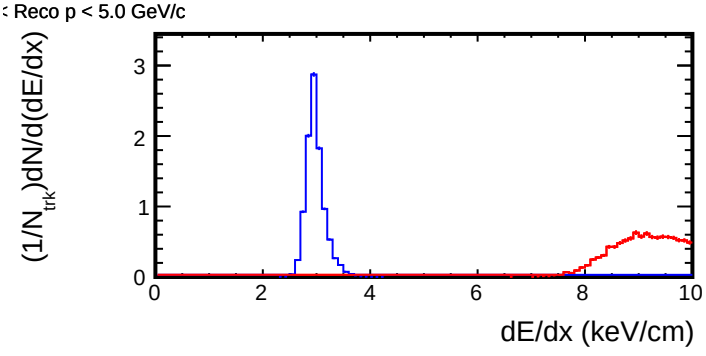








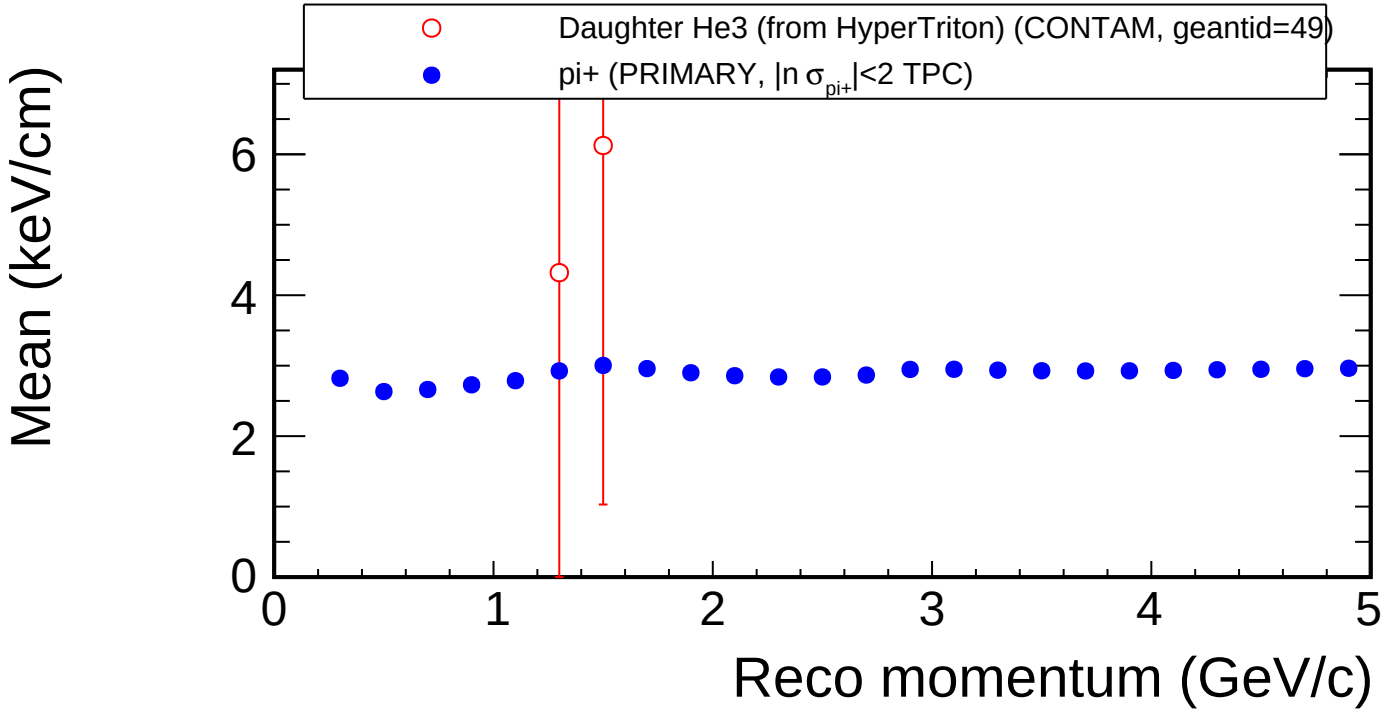


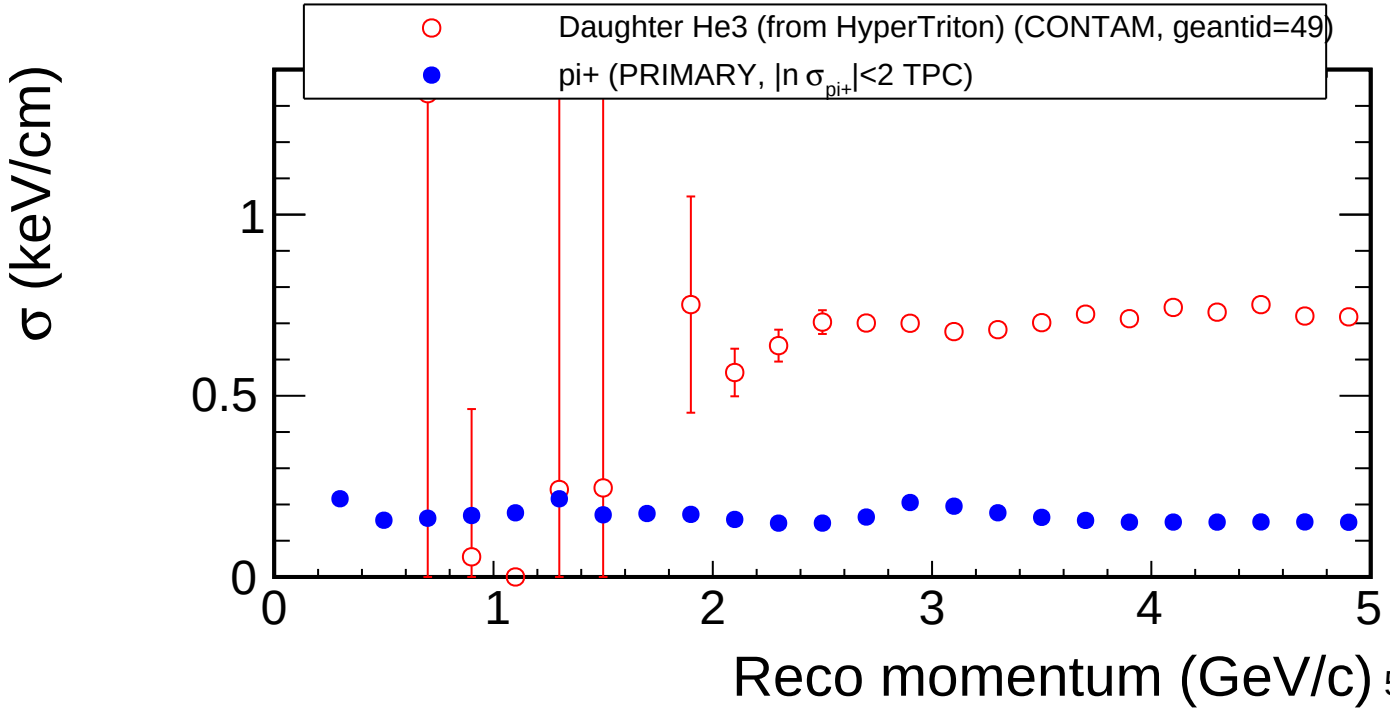


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

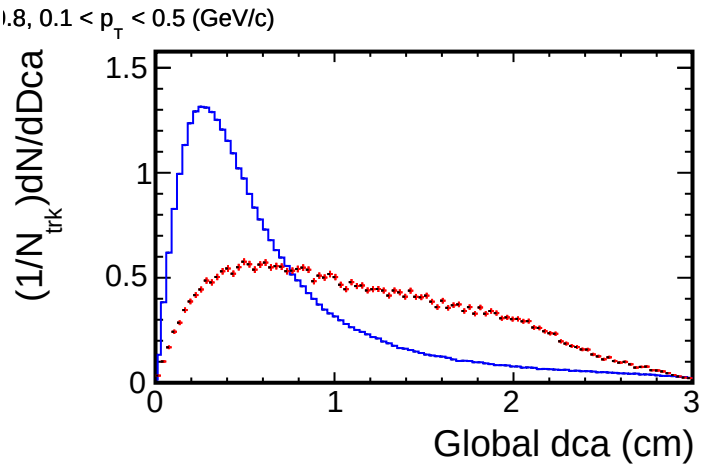
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

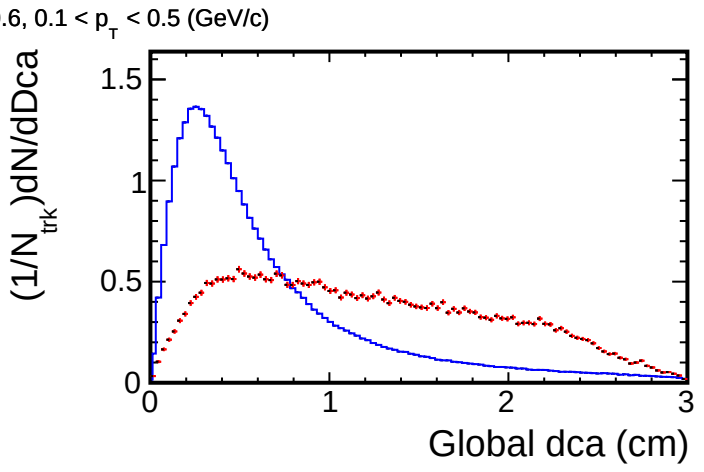
Mean/σ of dE/dx vs momentum

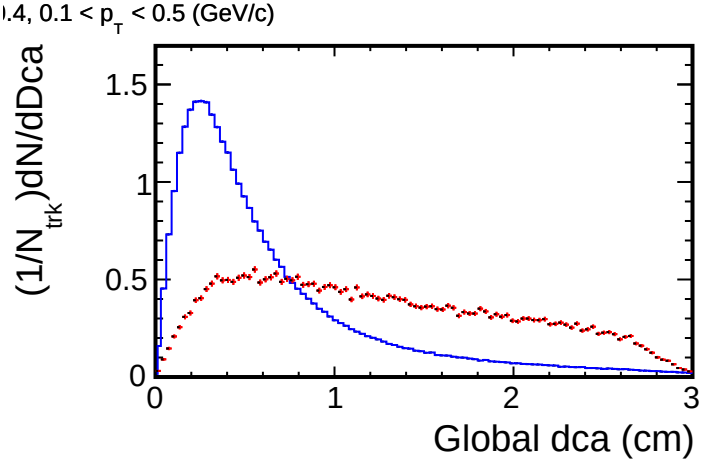


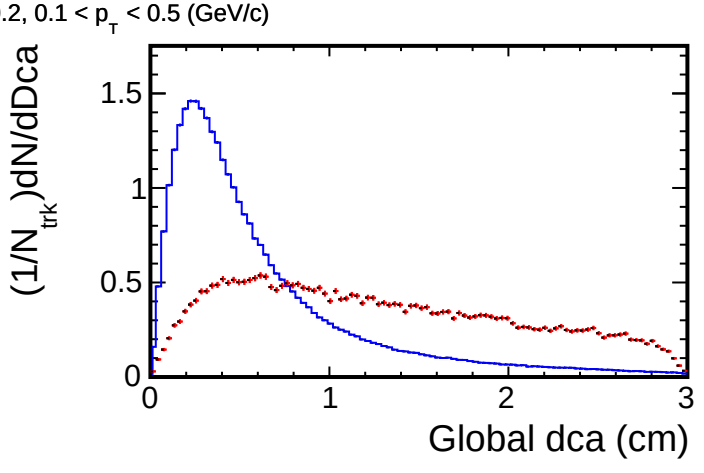


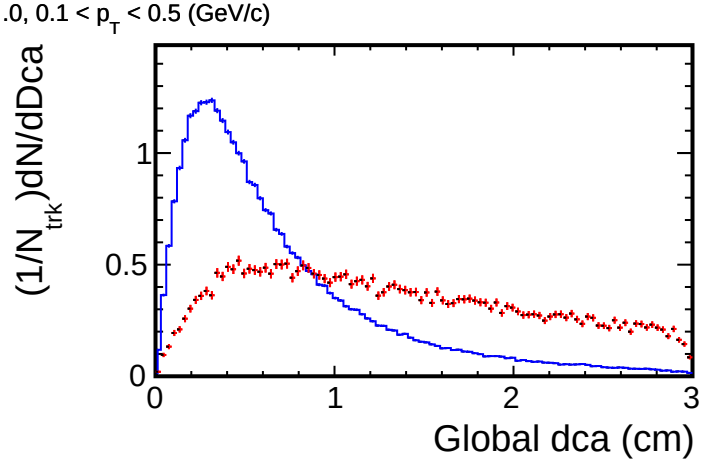
Dca distribution for (p_T, η) slices







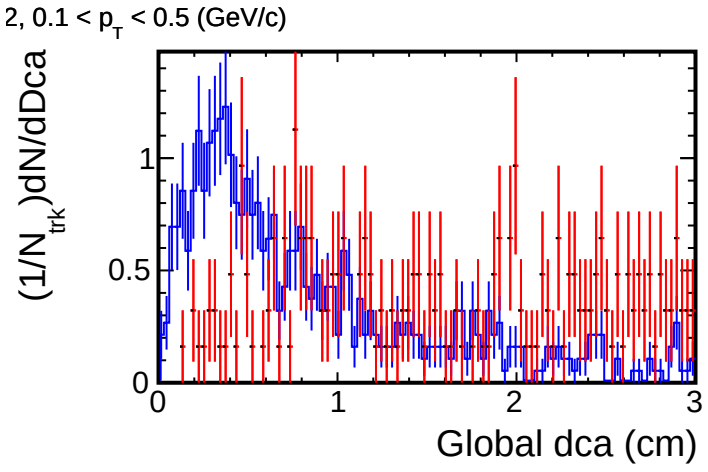


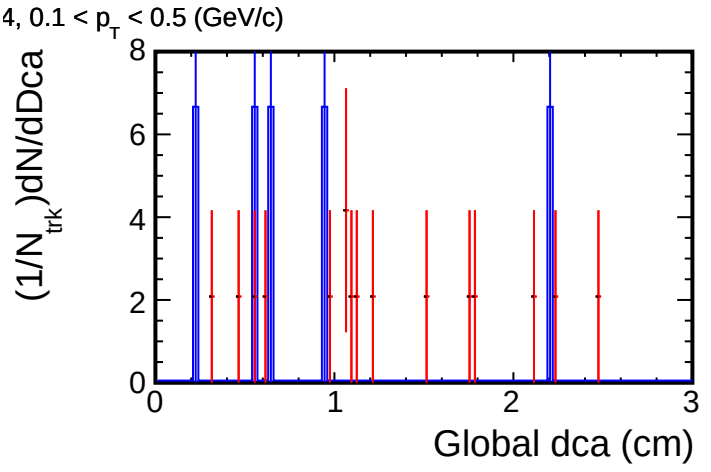


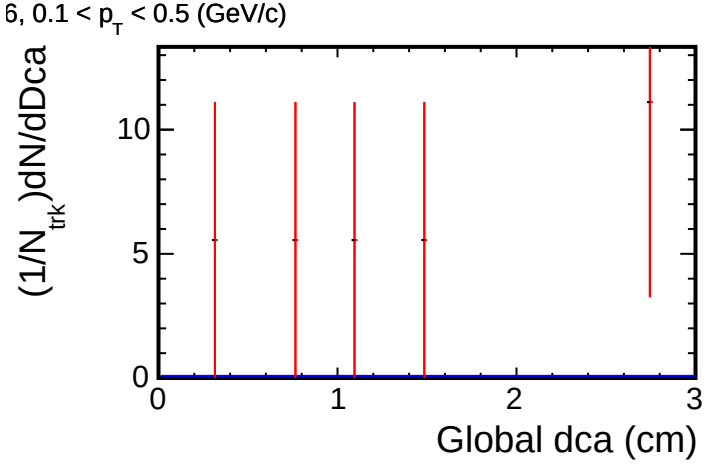
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

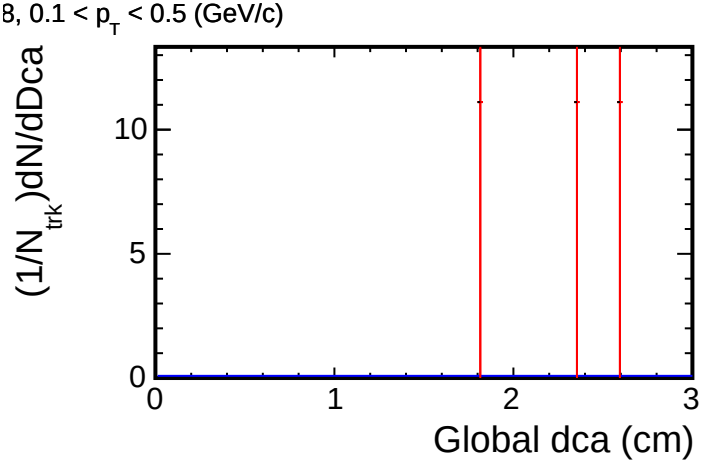
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

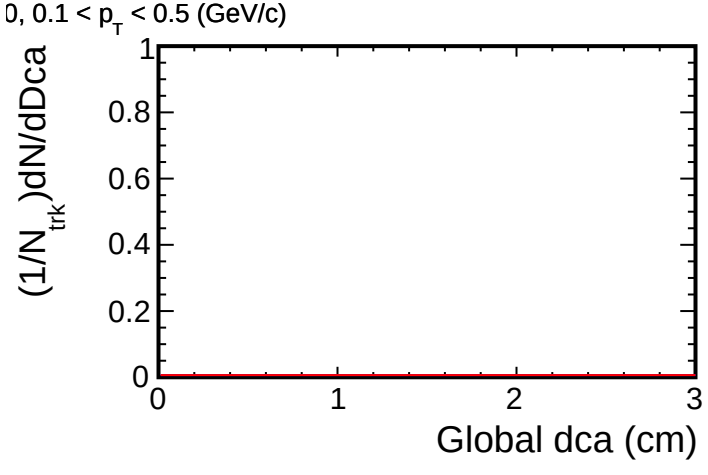
Dca distribution for (p_T, η) slices







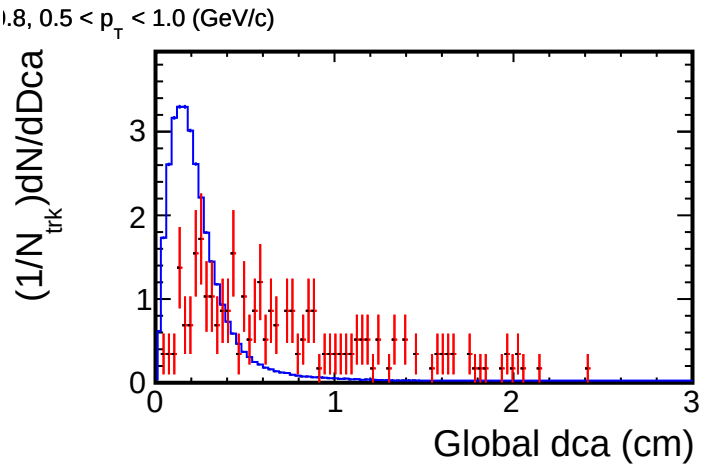


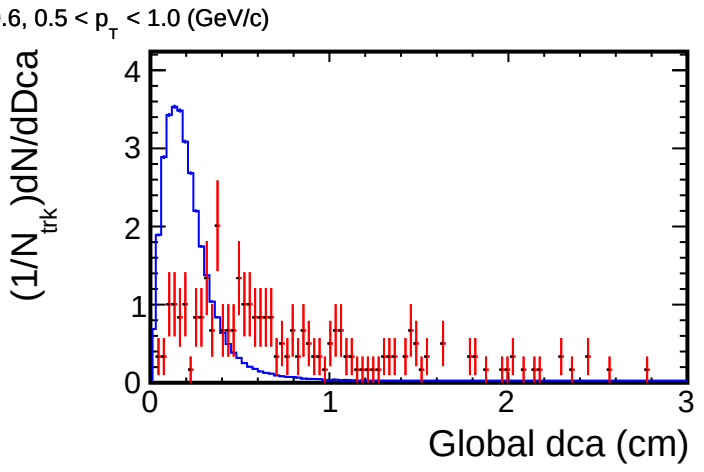


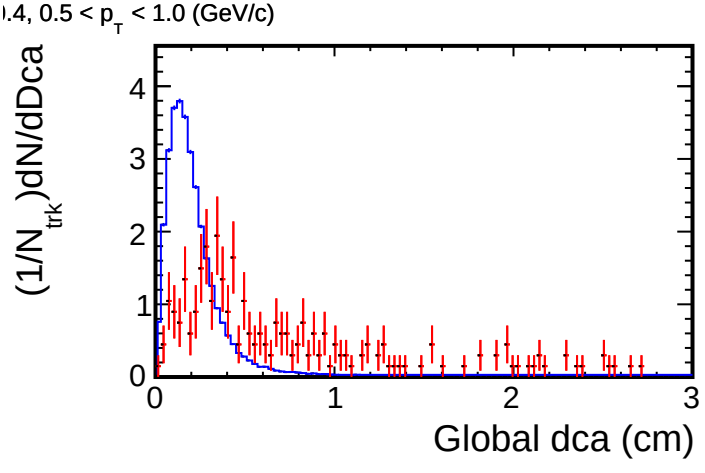
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

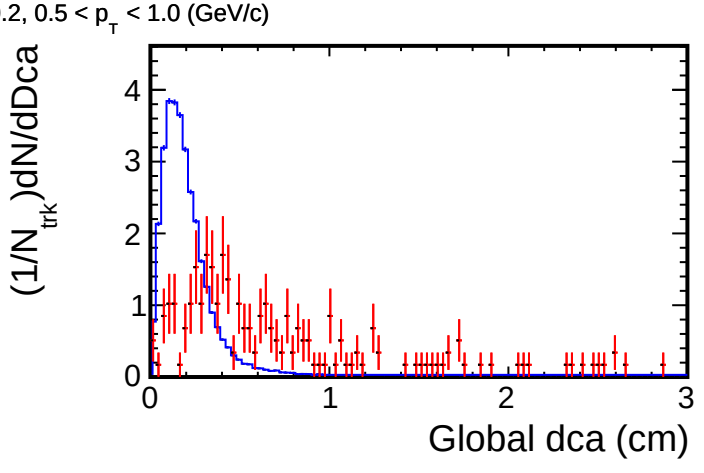
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

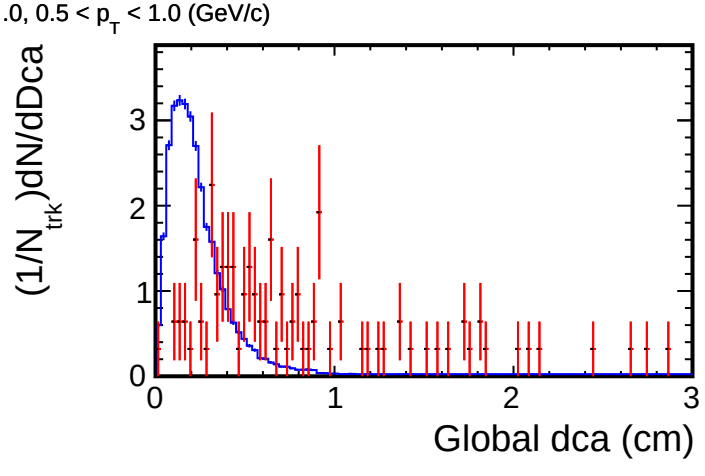
Dca distribution for (p_T, η) slices







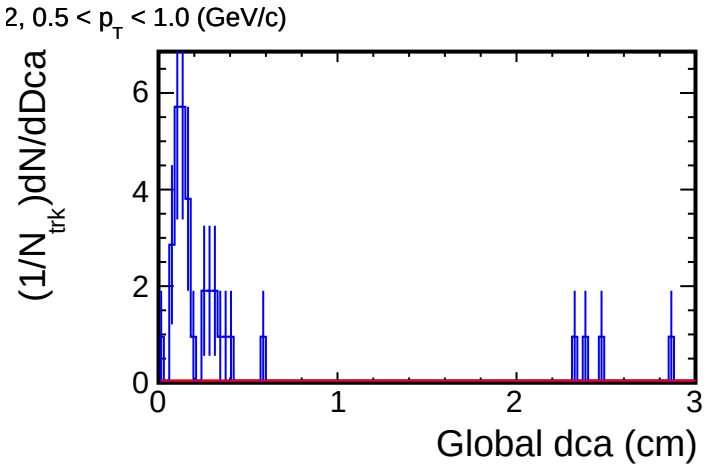


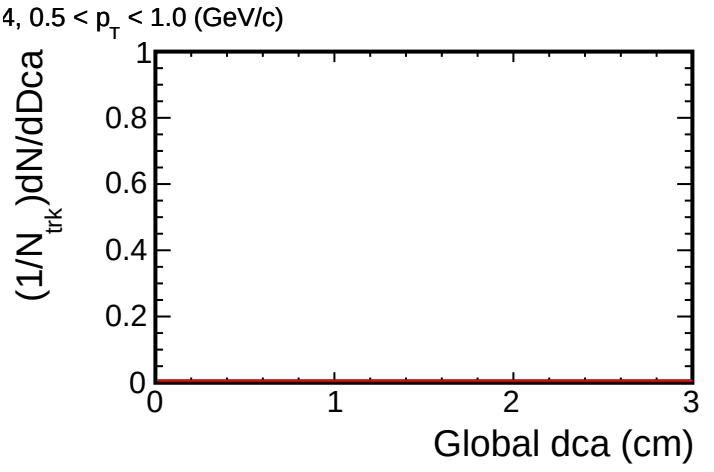


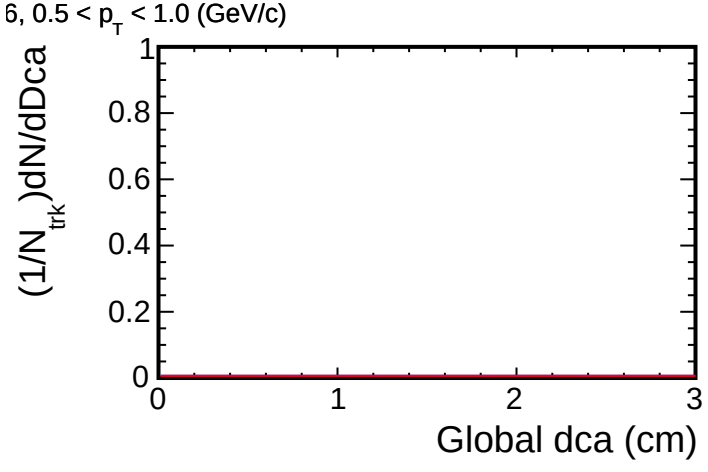
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

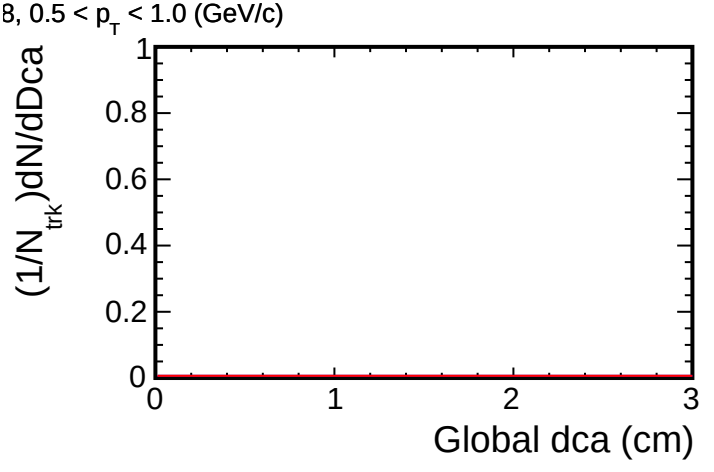
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

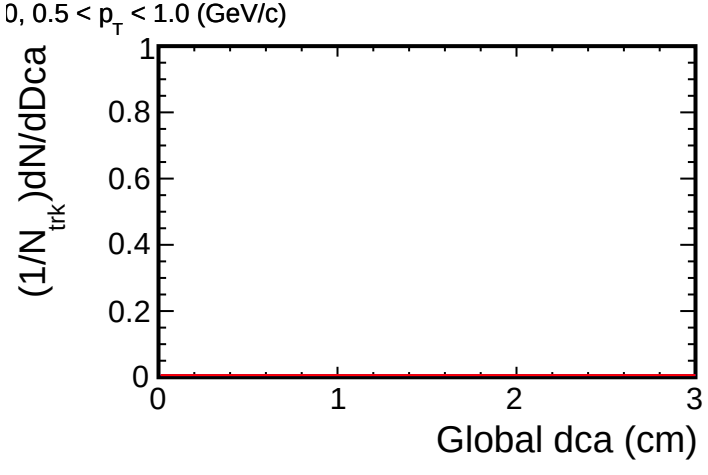
Dca distribution for (p_T, η) slices







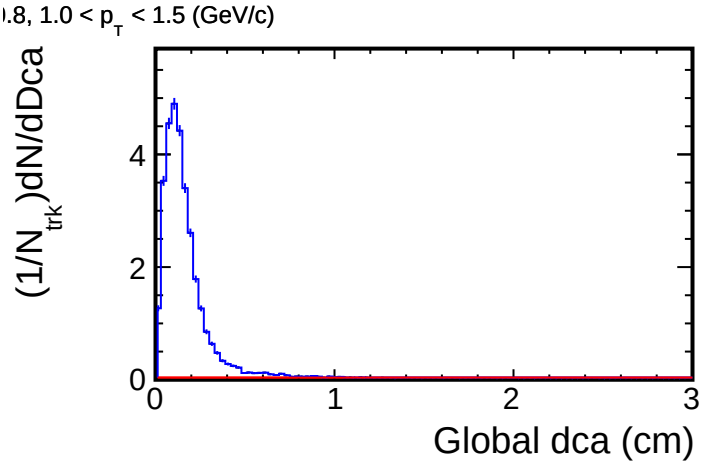


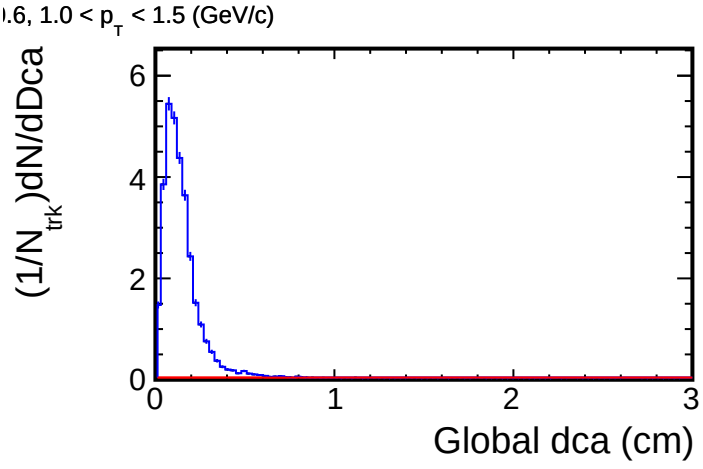


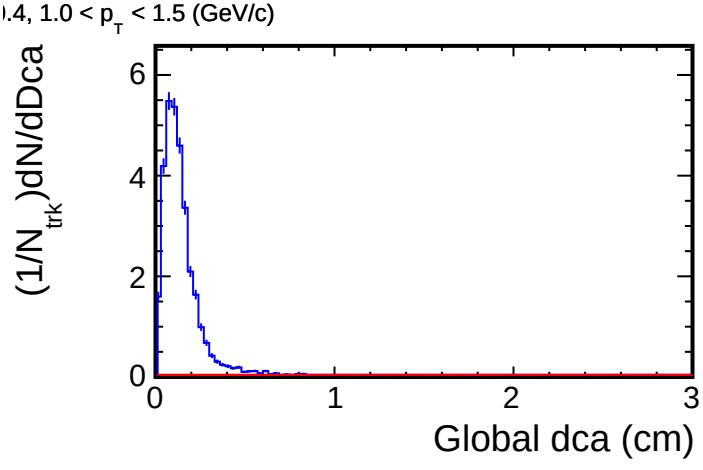
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

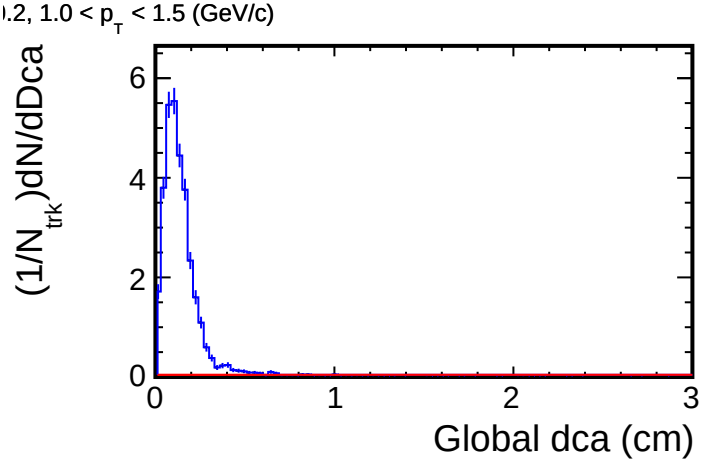
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

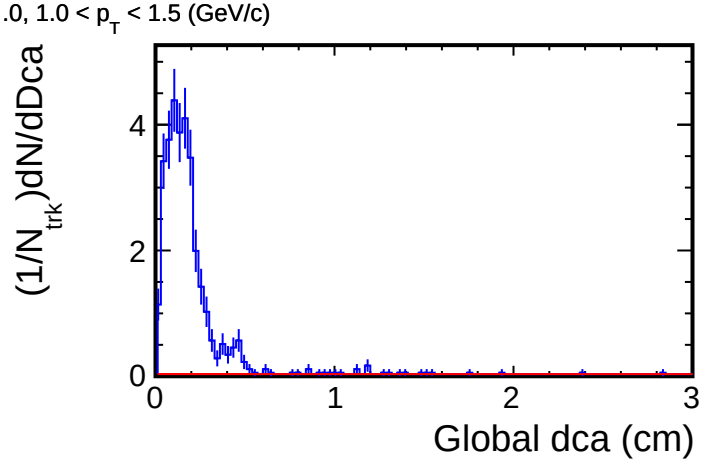
Dca distribution for (p_T, η) slices







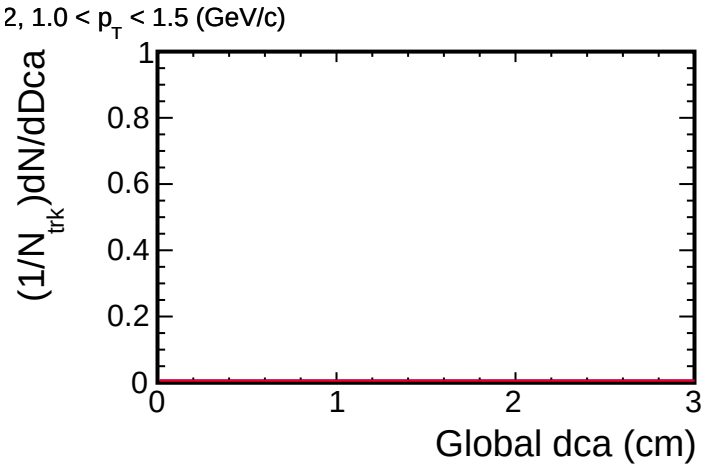


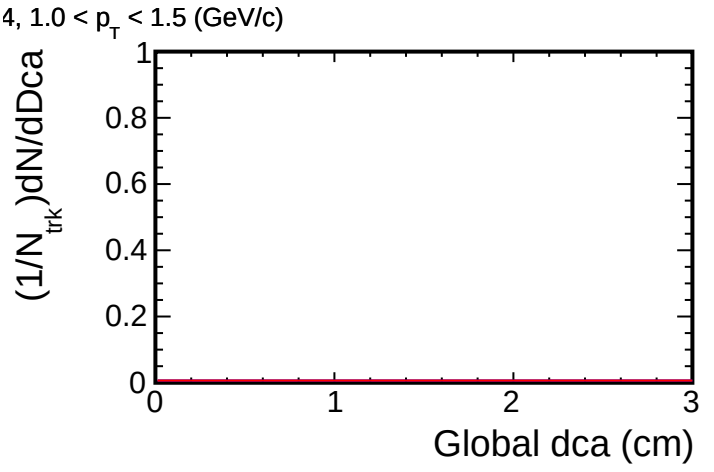


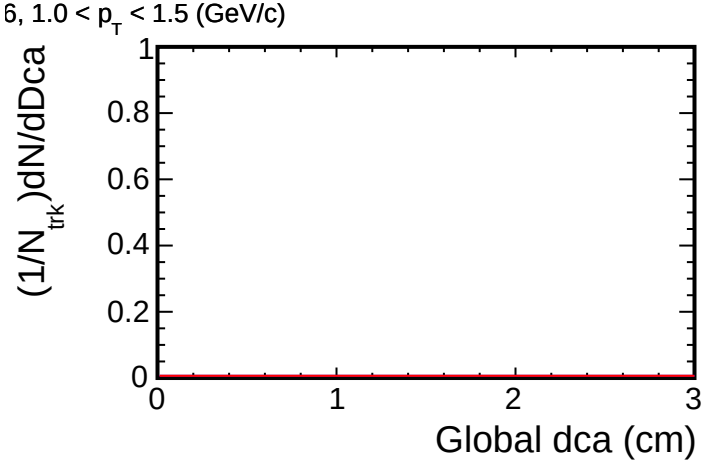
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

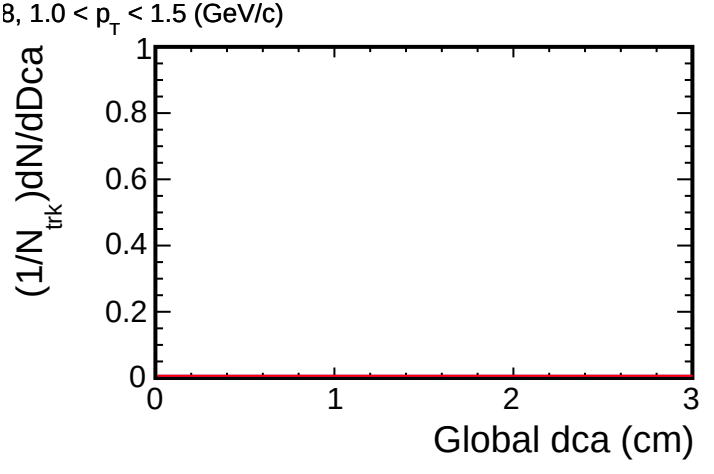
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

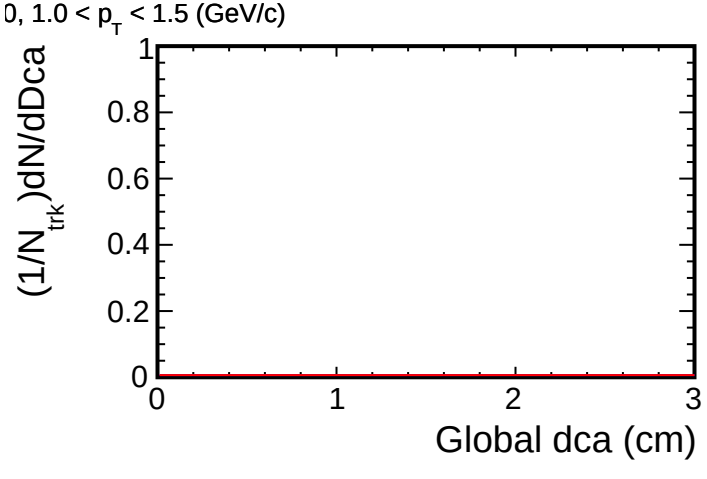
Dca distribution for (p_T, η) slices







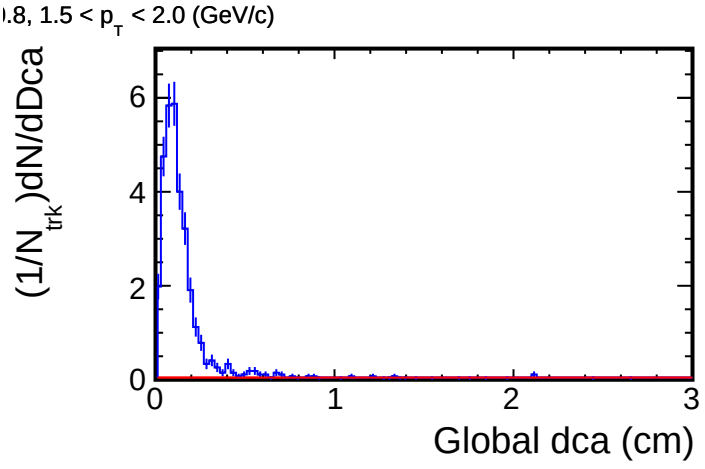


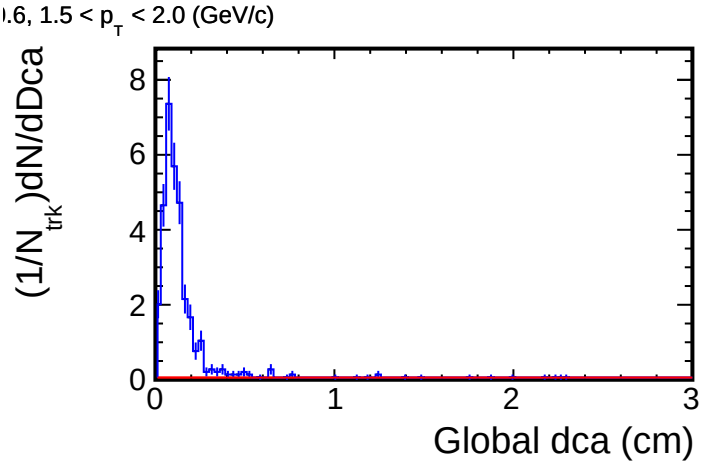


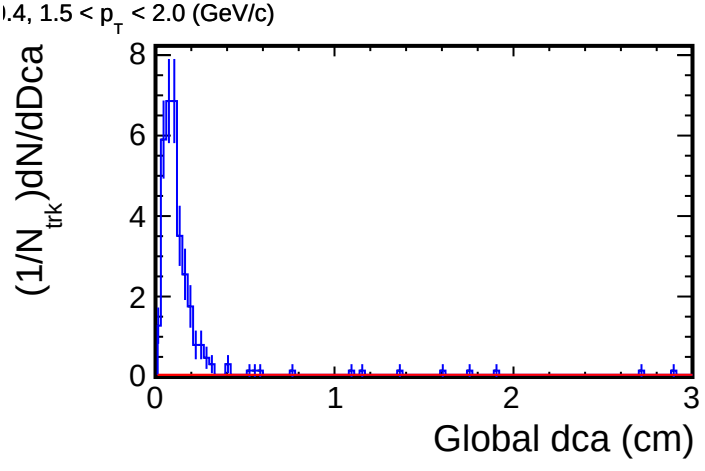
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

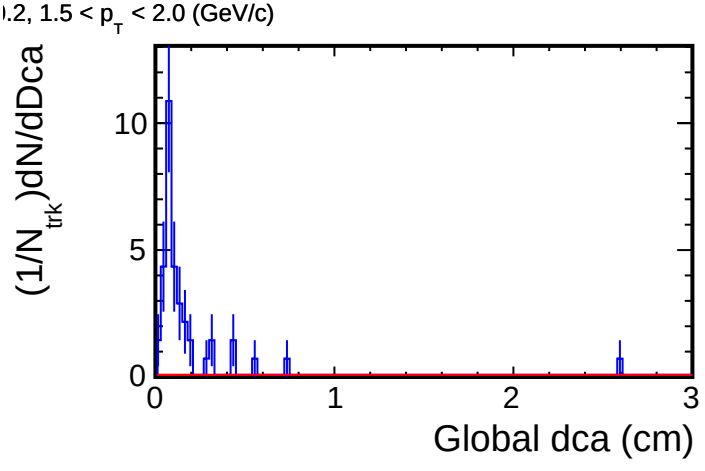
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

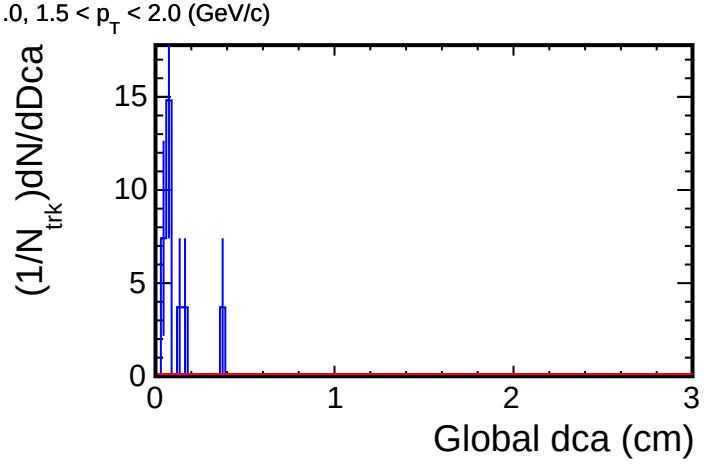
Dca distribution for (p_T, η) slices









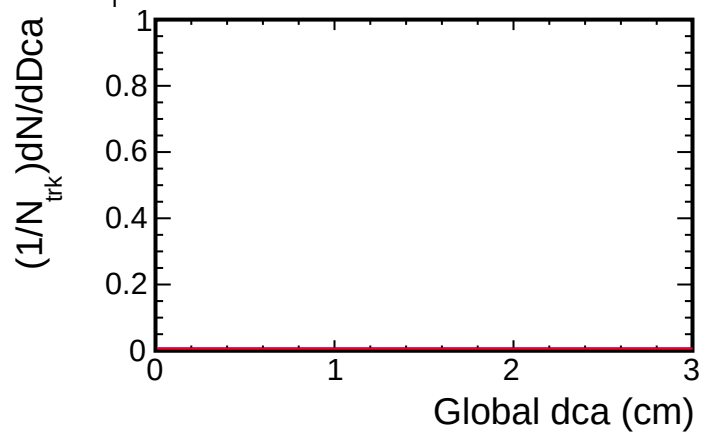


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

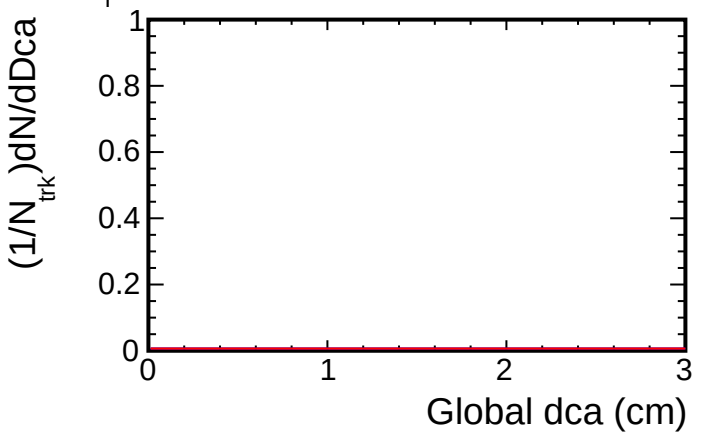
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

Dca distribution for (p_T, η) slices

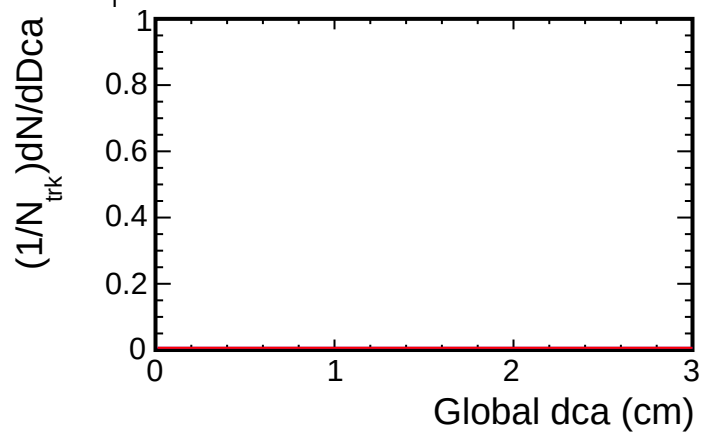
2, 1.5 < p_T < 2.0 (GeV/c)



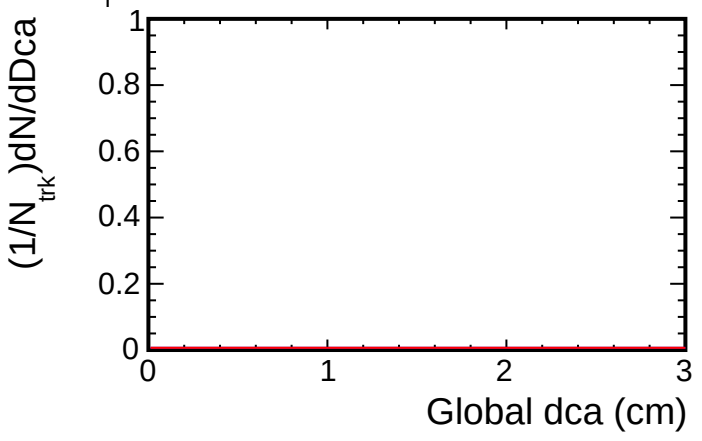
4, 1.5 < p_T < 2.0 (GeV/c)



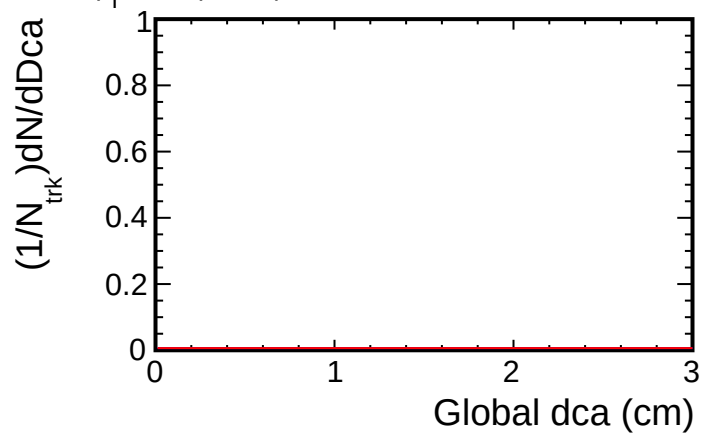
6, 1.5 < p_T < 2.0 (GeV/c)



8, 1.5 < p_T < 2.0 (GeV/c)



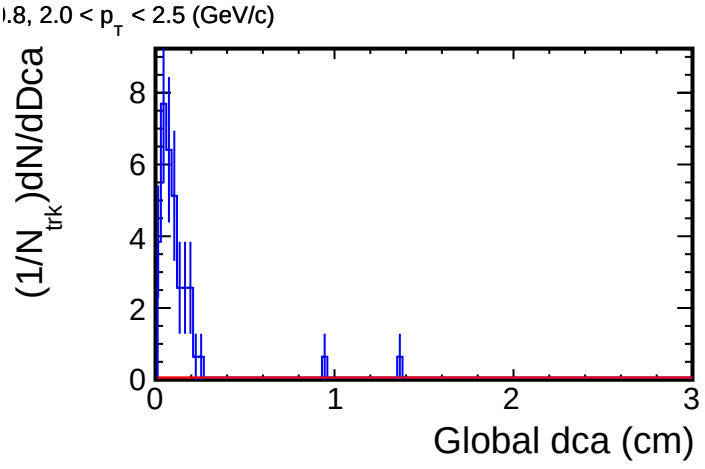
0, 1.5 < p_T < 2.0 (GeV/c)

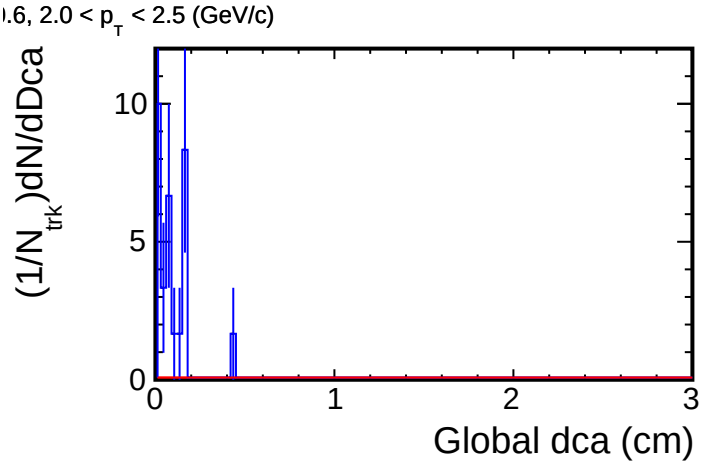


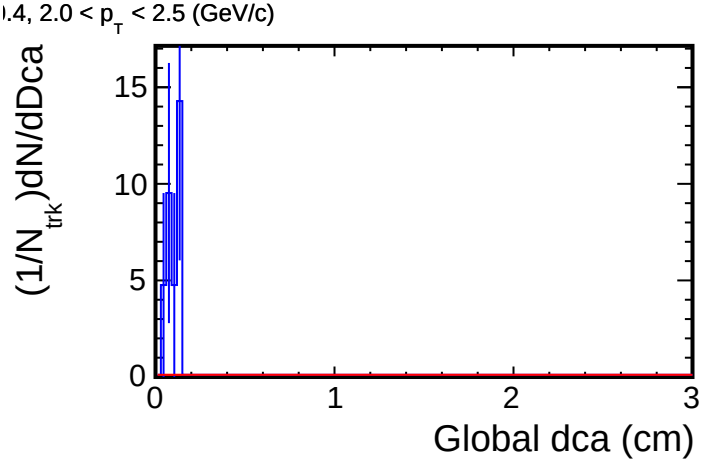
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

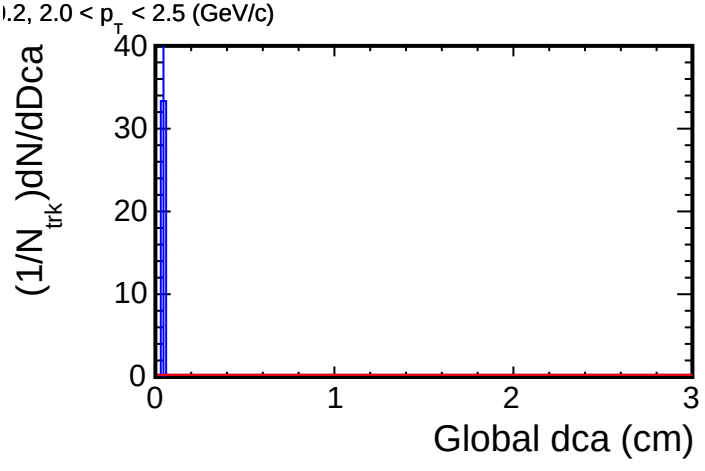
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

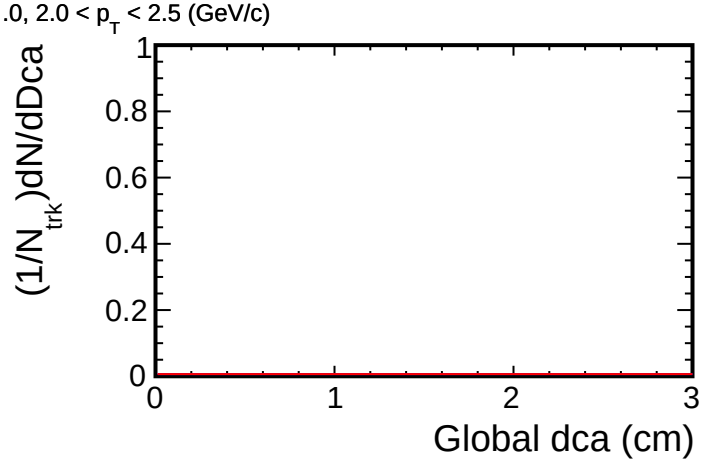
Dca distribution for (p_T, η) slices







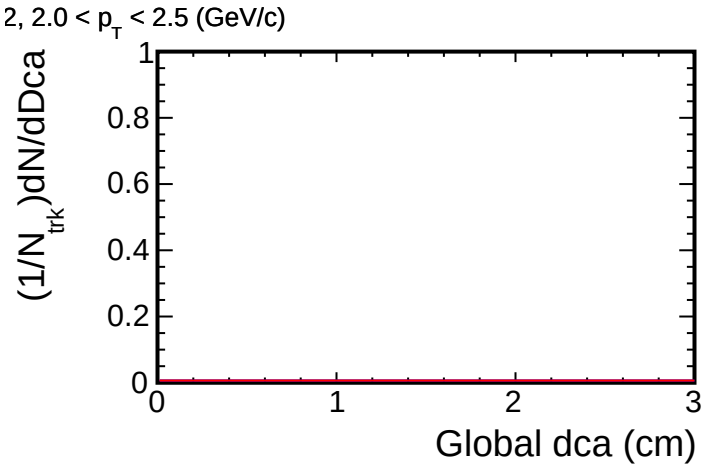


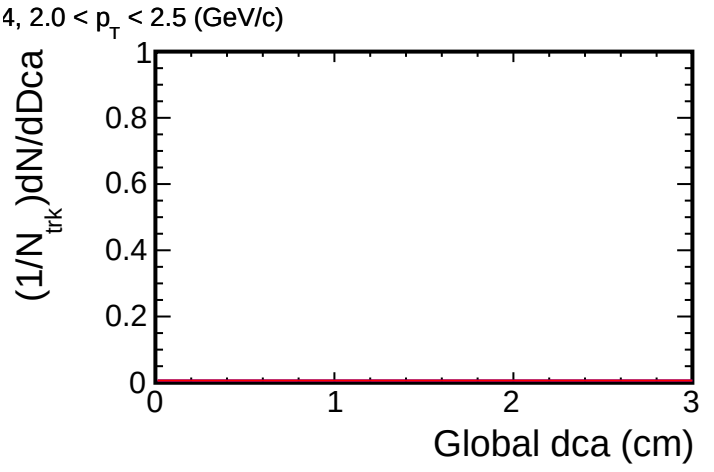


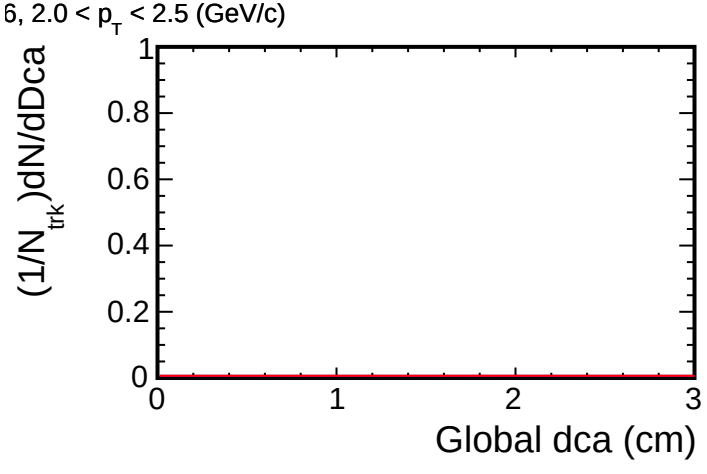
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

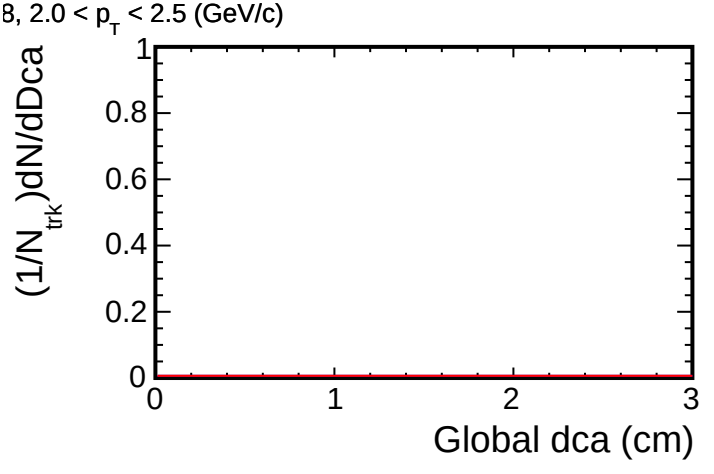
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

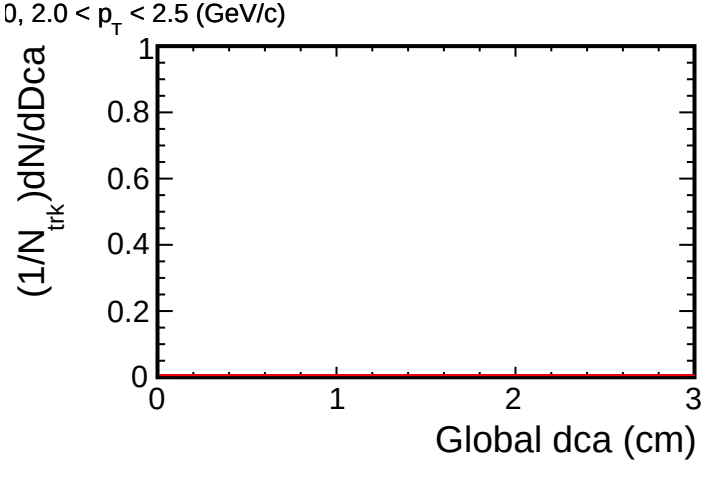
Dca distribution for (p_T, η) slices







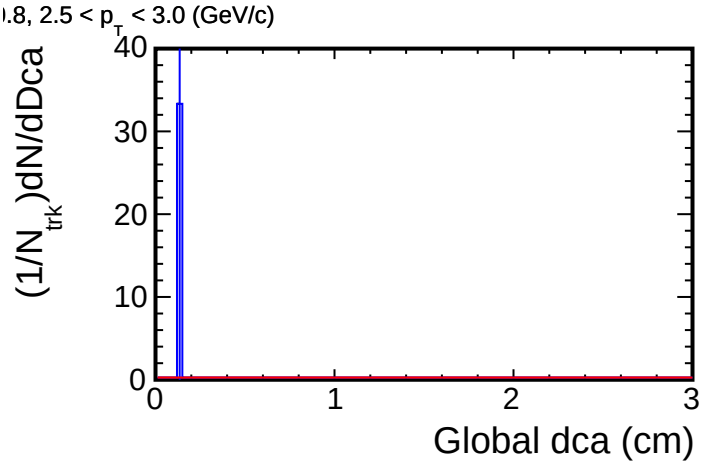


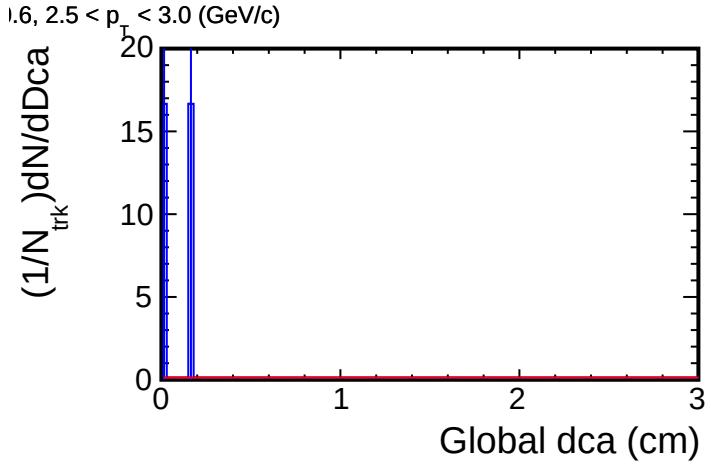


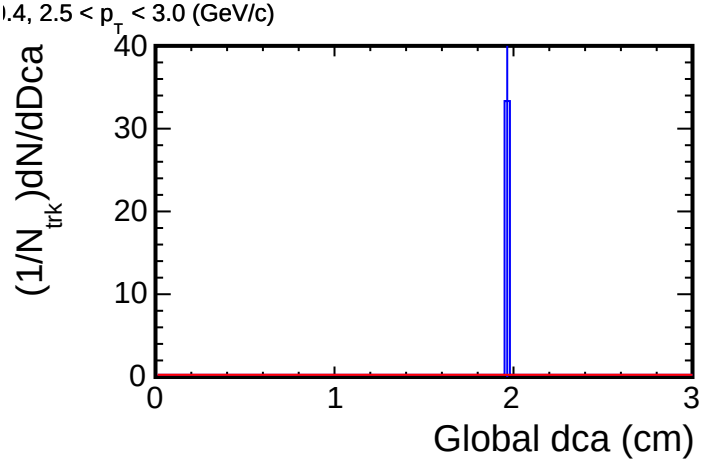
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

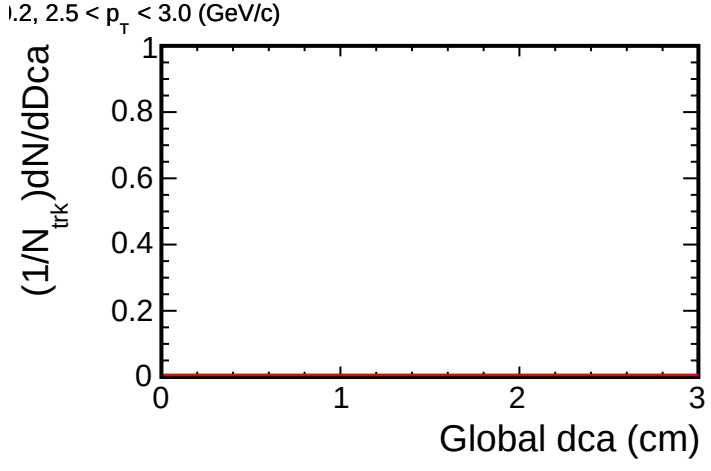
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

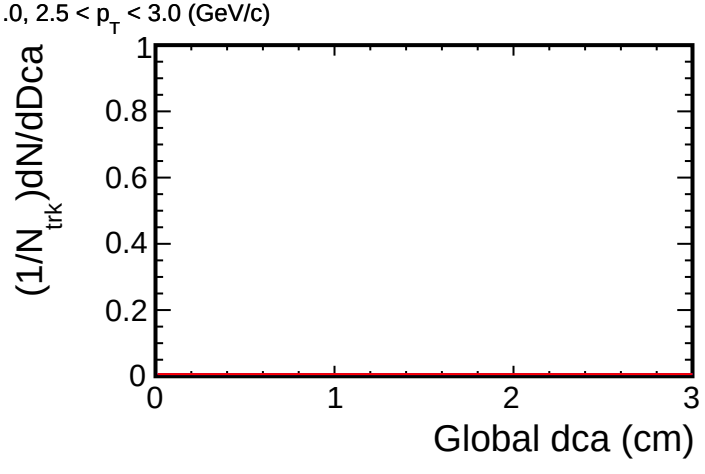
Dca distribution for (p_T, η) slices







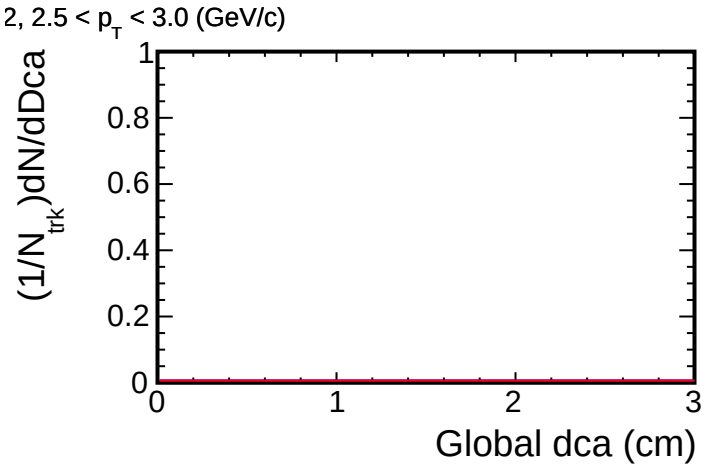


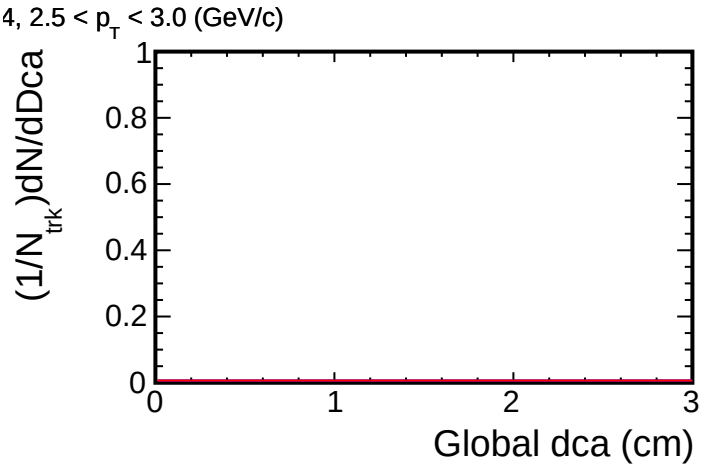


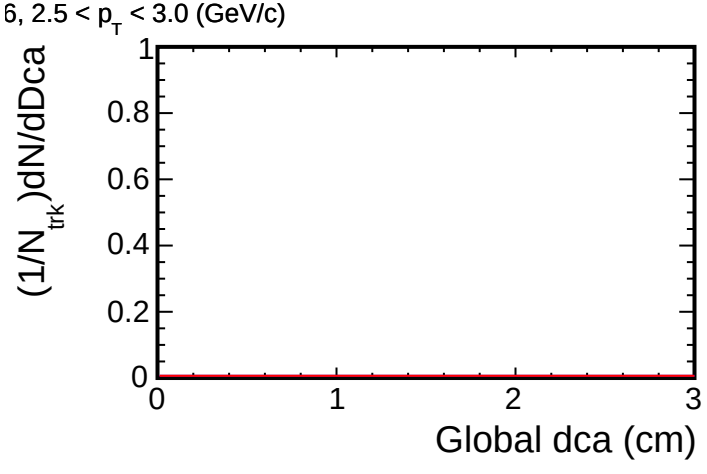
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

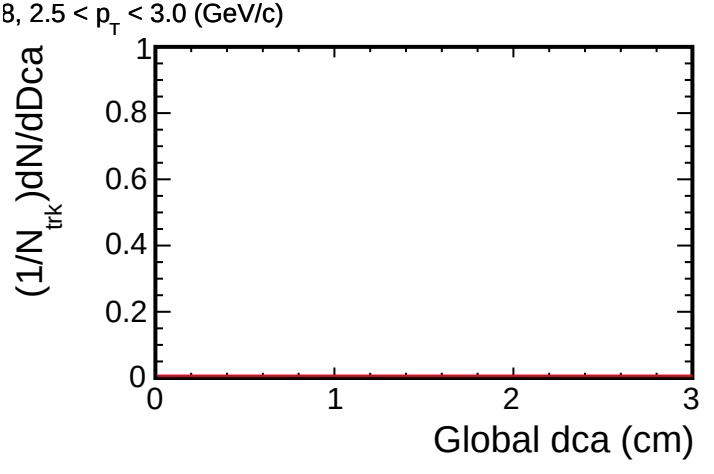
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

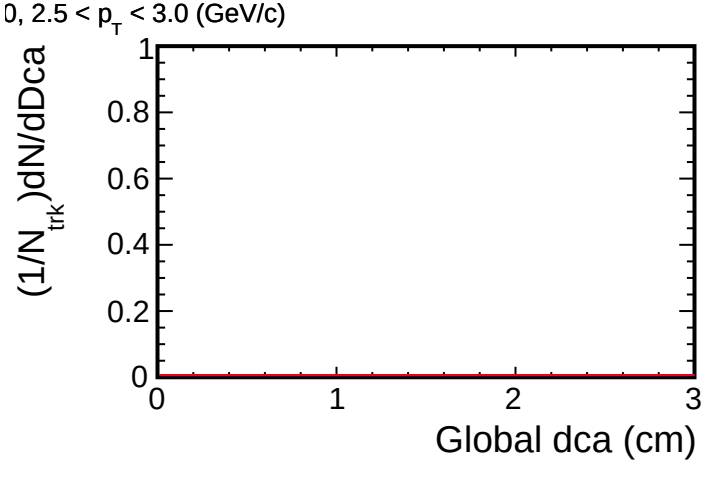
Dca distribution for (p_T, η) slices







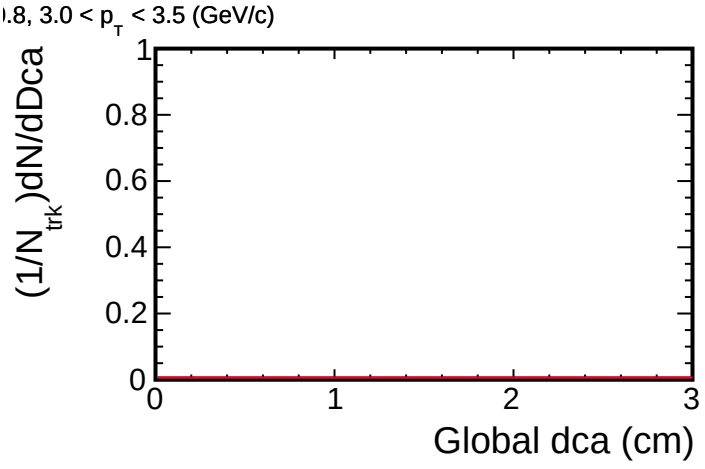


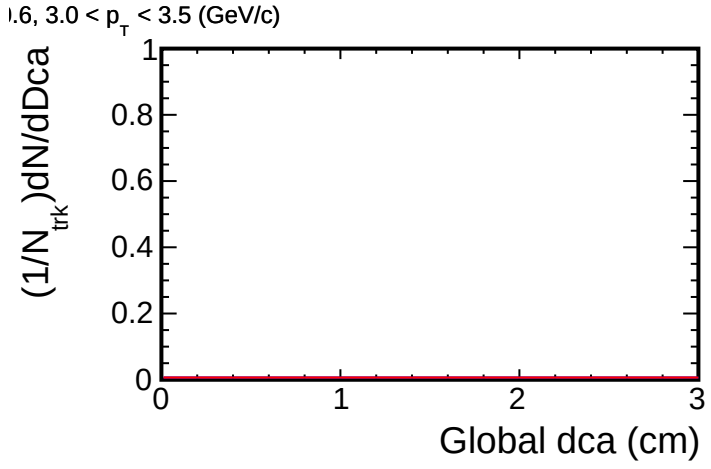


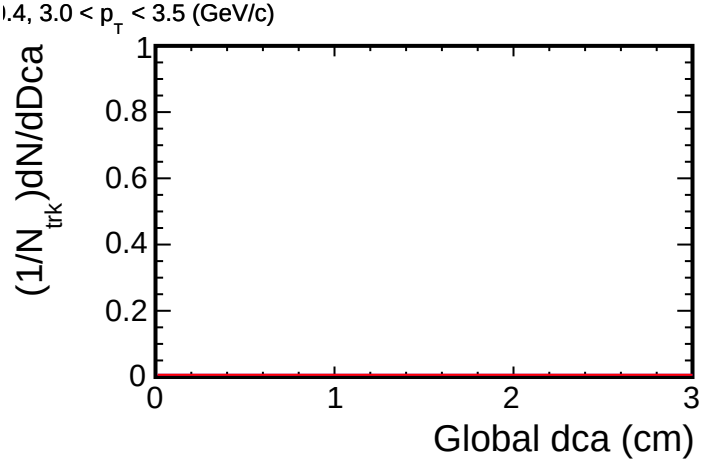
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

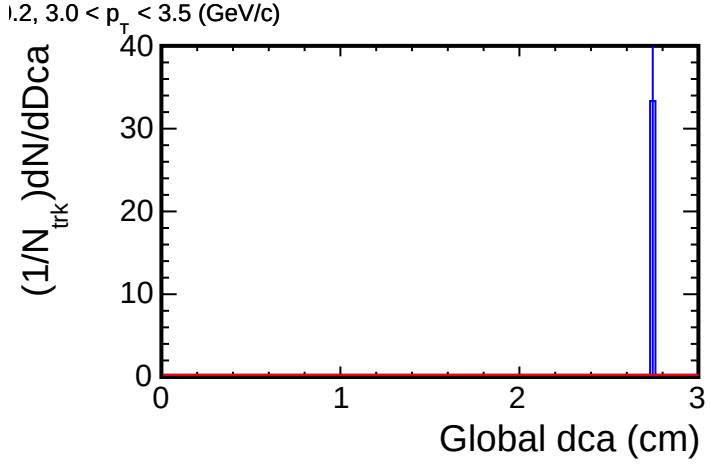
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

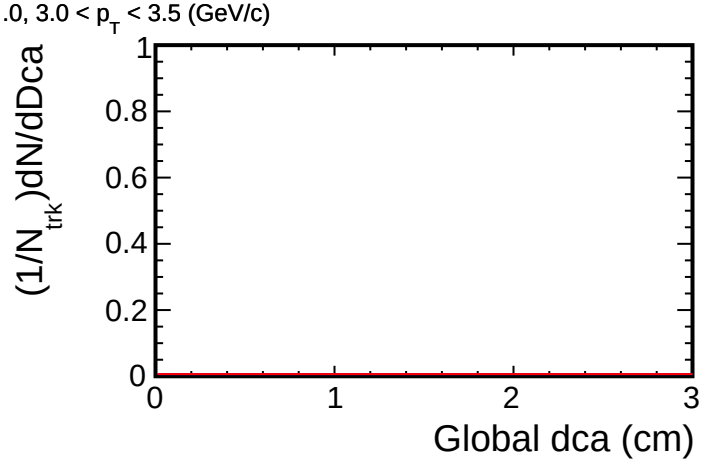
Dca distribution for (p_T, η) slices









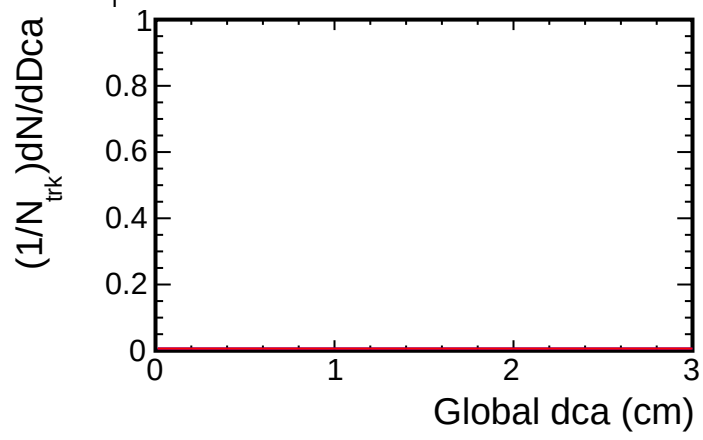


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

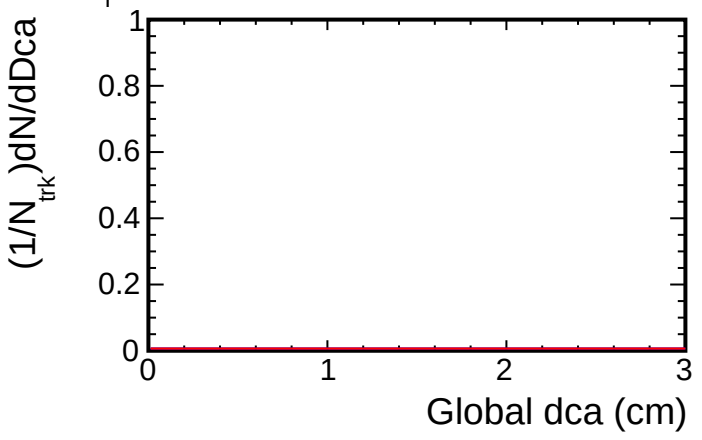
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

Dca distribution for (p_T, η) slices

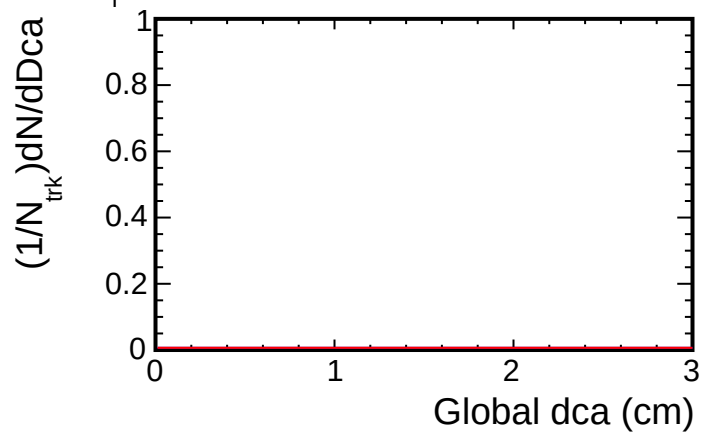
2, 3.0 < p_T < 3.5 (GeV/c)



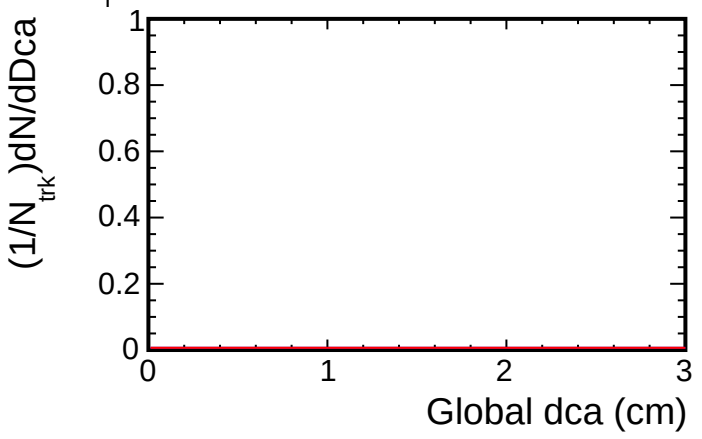
4, 3.0 < p_T < 3.5 (GeV/c)



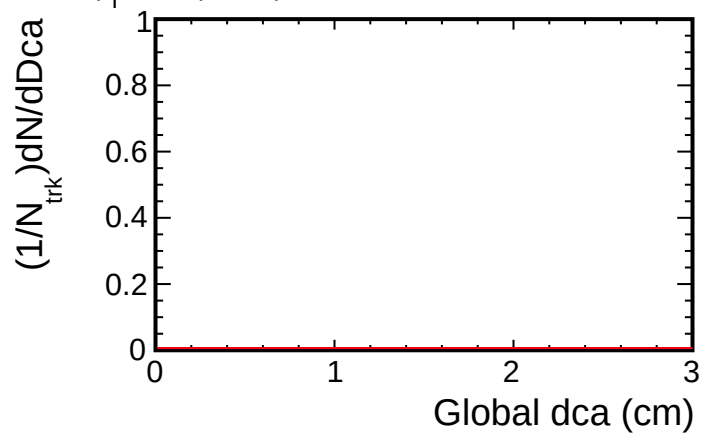
6, 3.0 < p_T < 3.5 (GeV/c)



8, 3.0 < p_T < 3.5 (GeV/c)



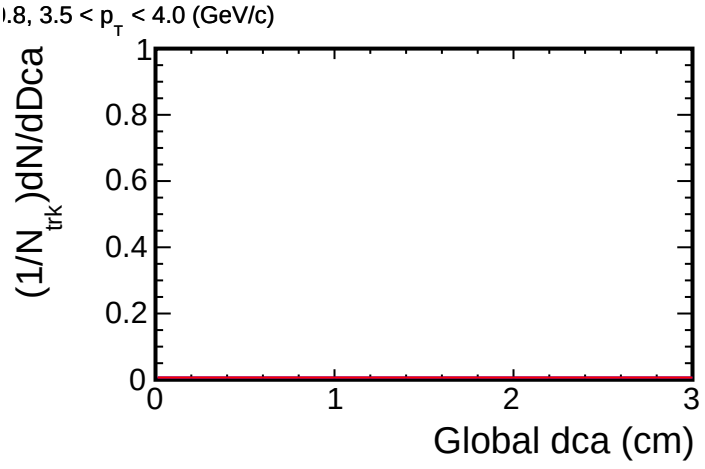
0, 3.0 < p_T < 3.5 (GeV/c)

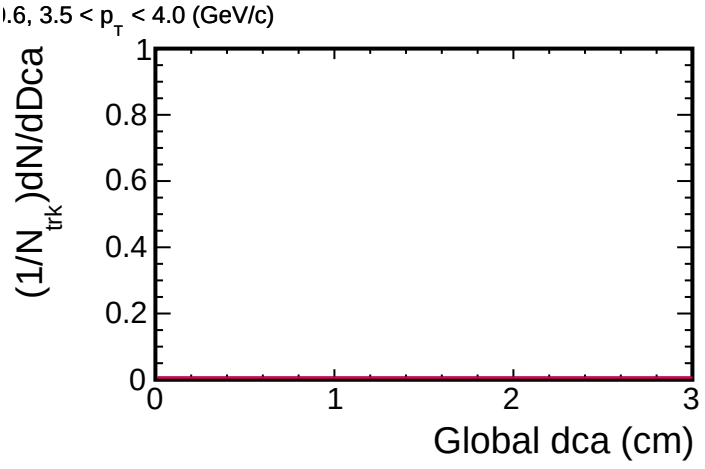


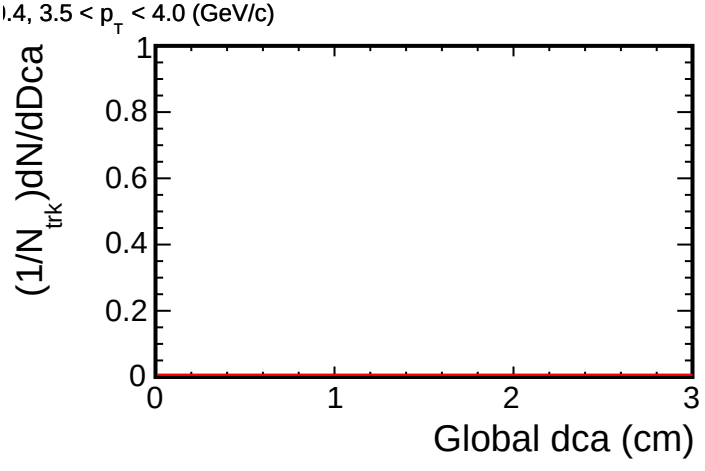
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

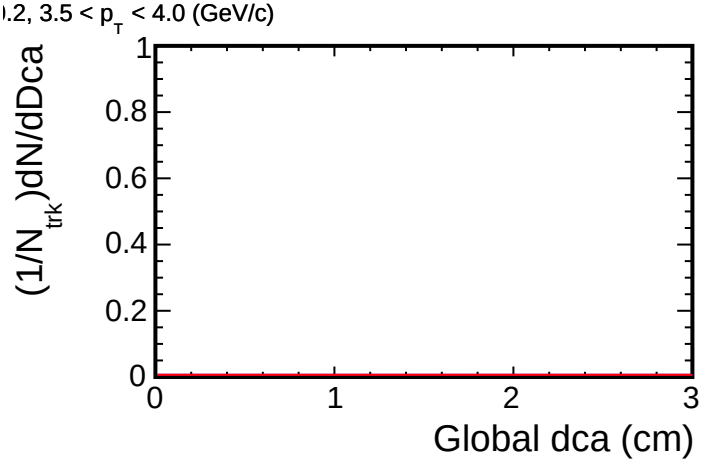
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

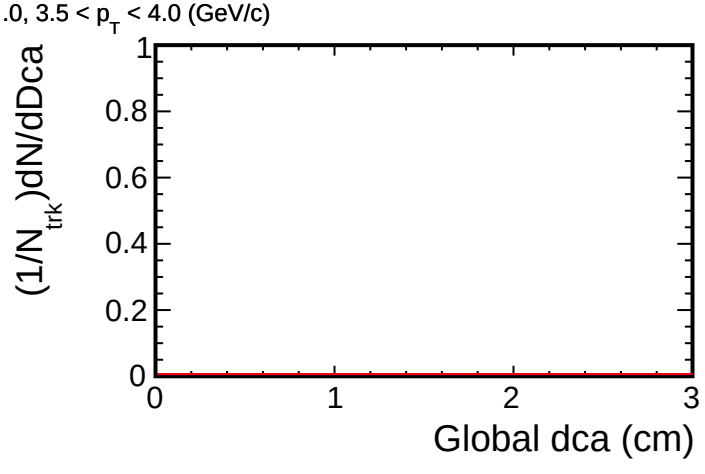
Dca distribution for (p_T, η) slices







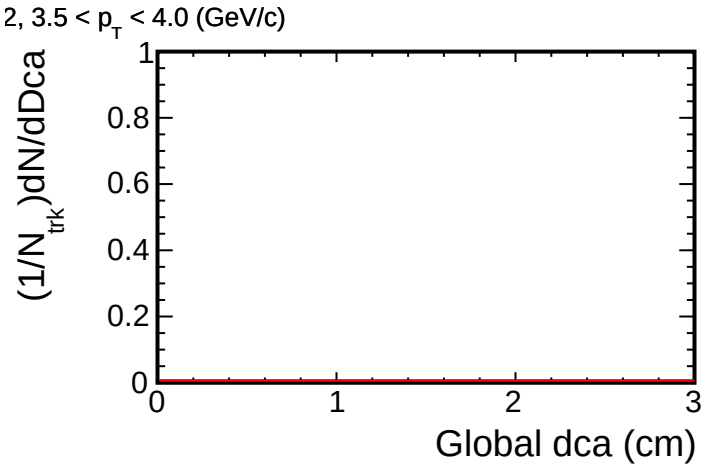


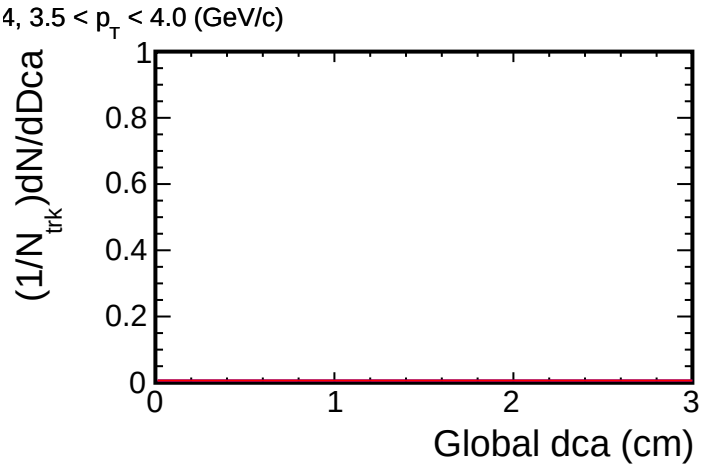


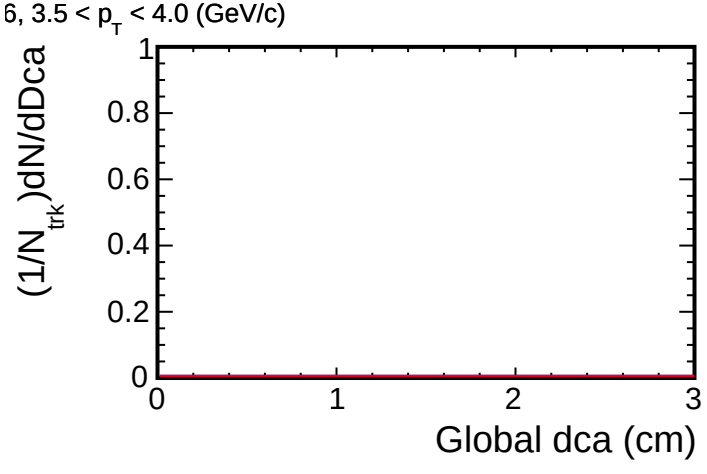
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

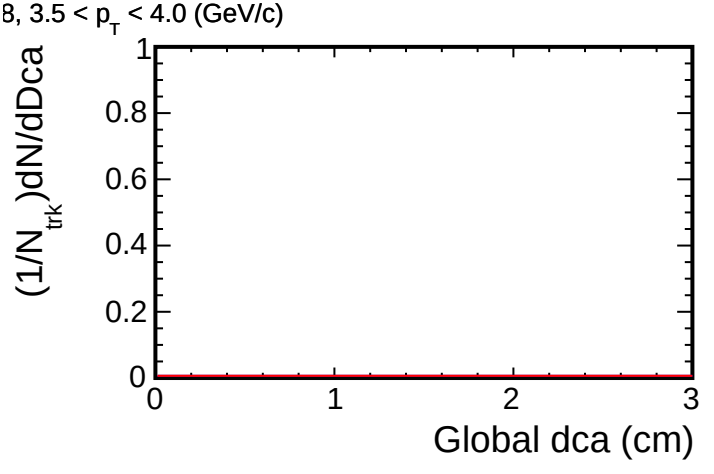
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

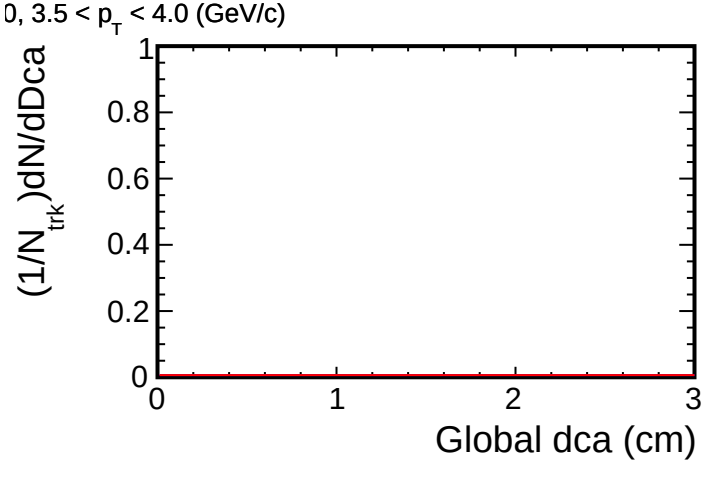
Dca distribution for (p_T, η) slices







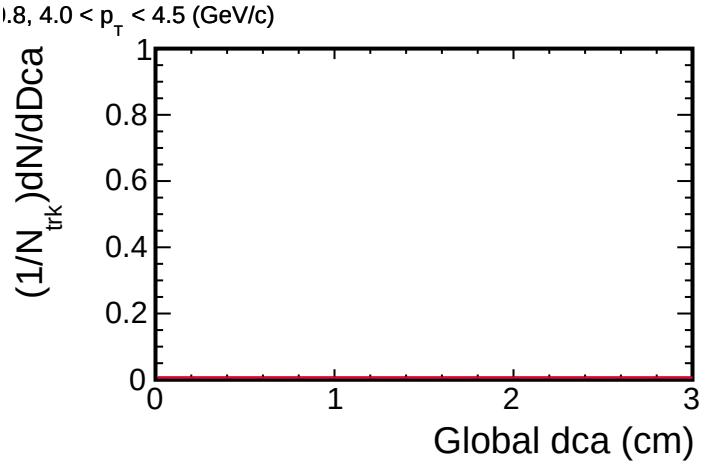


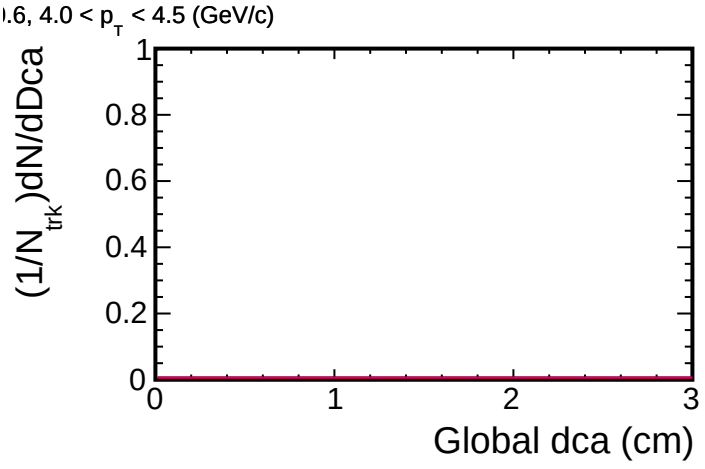


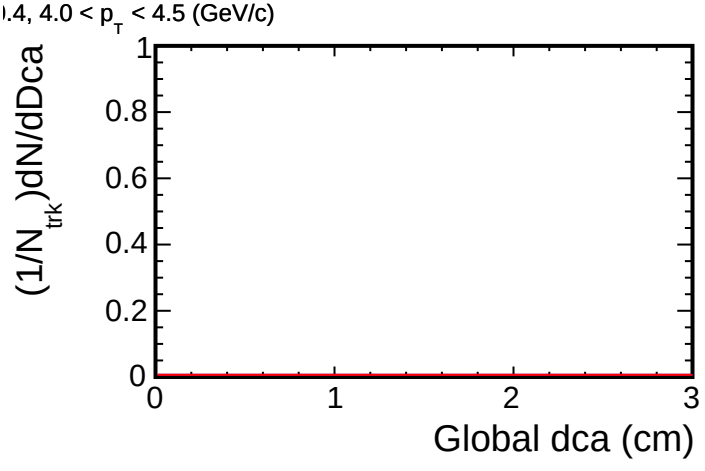
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

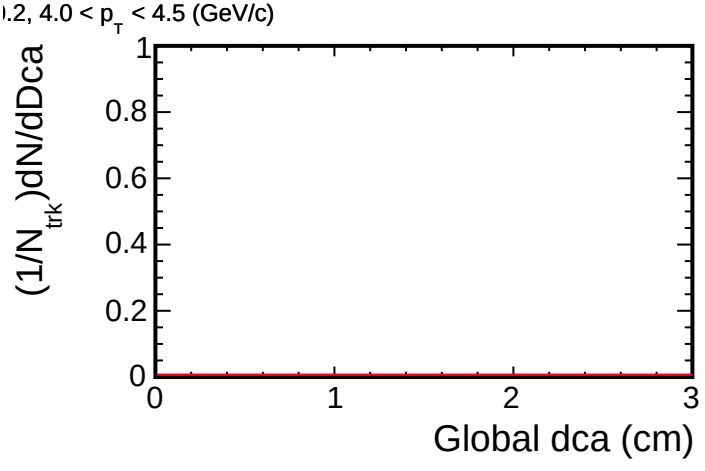
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

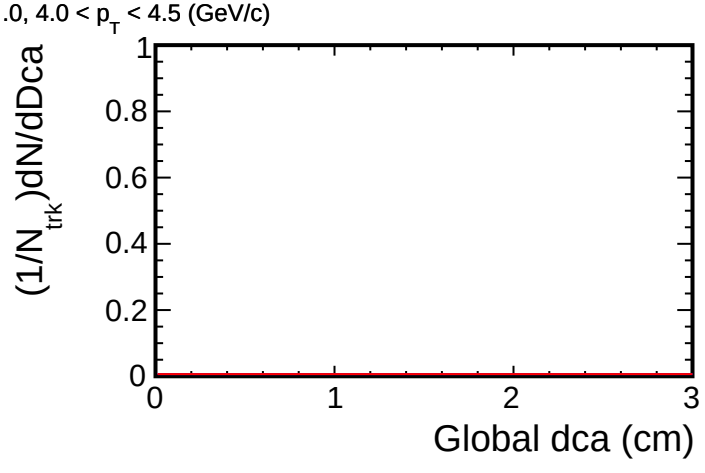
Dca distribution for (p_T, η) slices









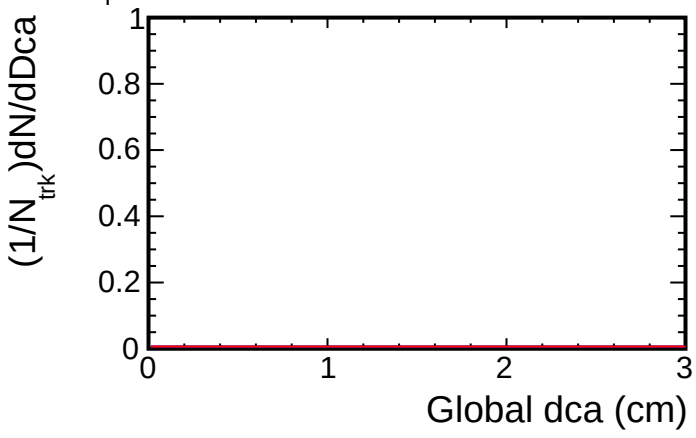


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

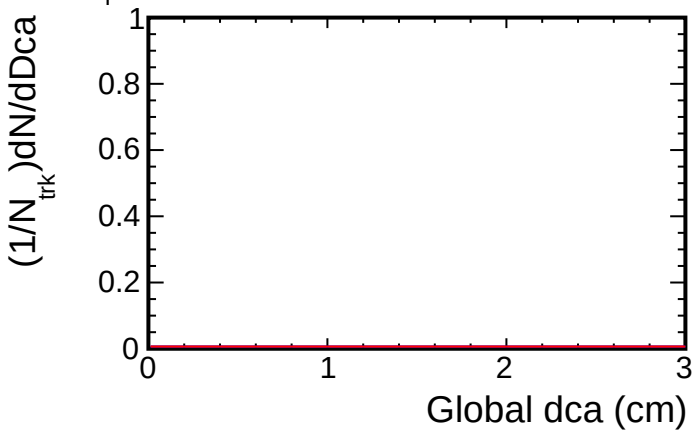
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

Dca distribution for (p_T, η) slices

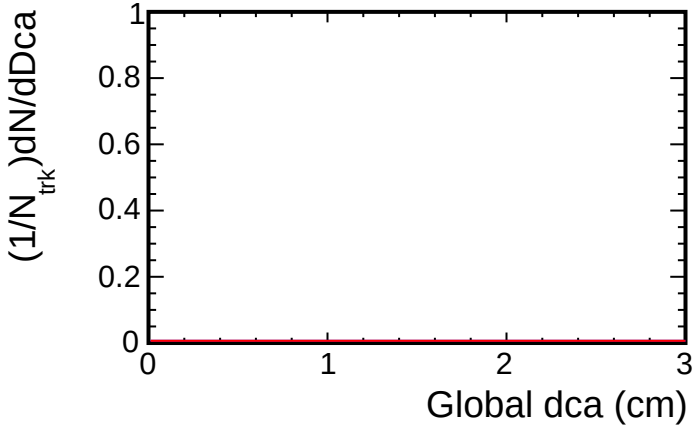
2, 4.0 < p_T < 4.5 (GeV/c)



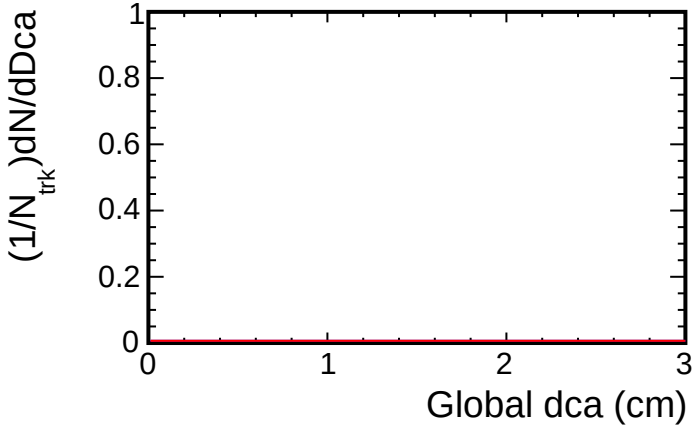
4, 4.0 < p_T < 4.5 (GeV/c)



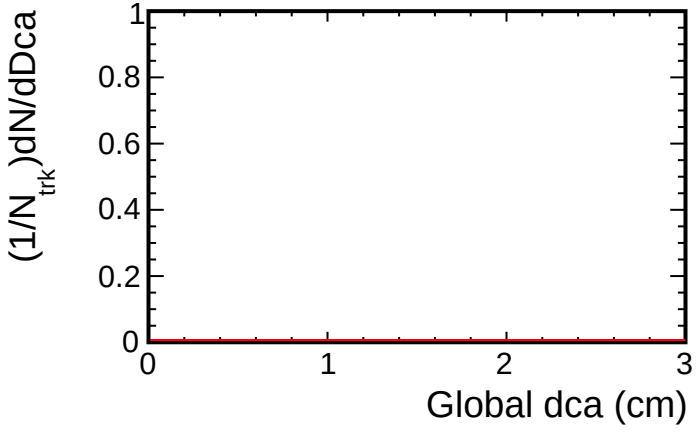
6, 4.0 < p_T < 4.5 (GeV/c)



8, 4.0 < p_T < 4.5 (GeV/c)



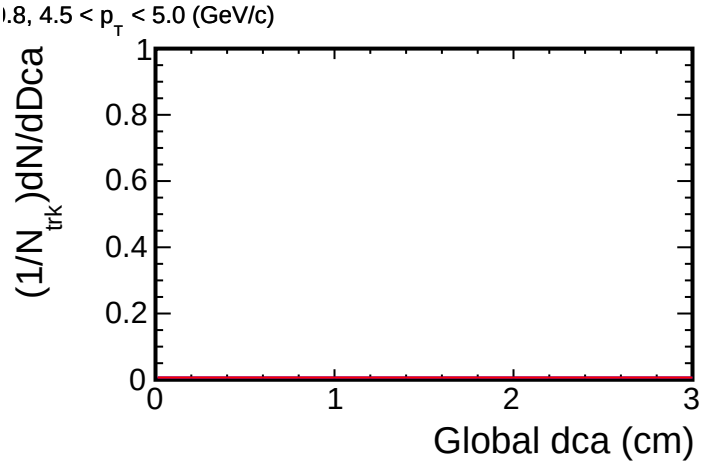
0, 4.0 < p_T < 4.5 (GeV/c)

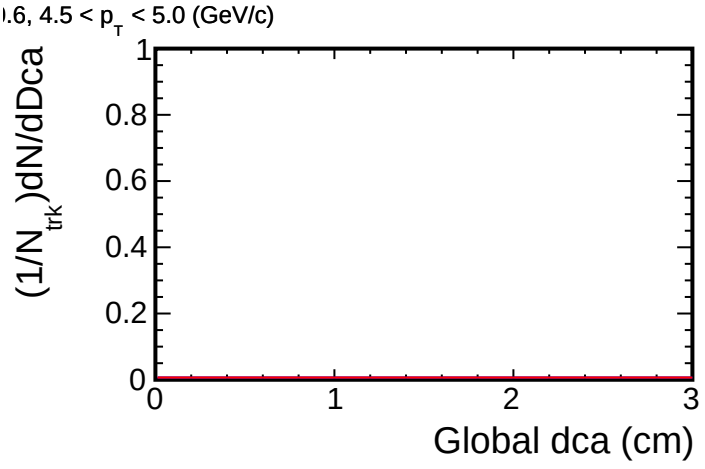


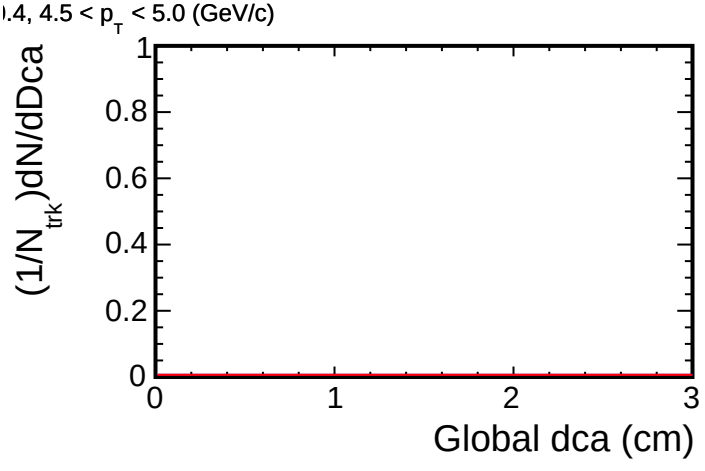
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

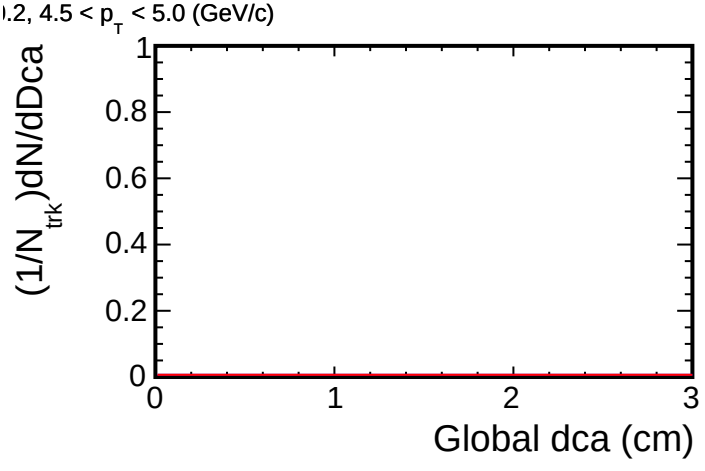
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

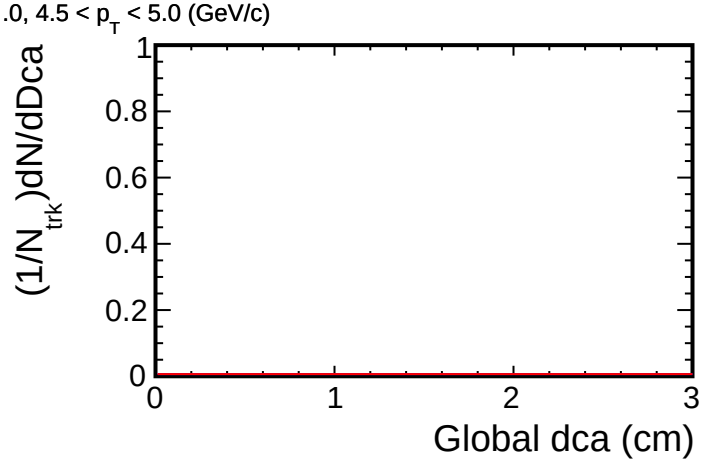
Dca distribution for (p_T, η) slices







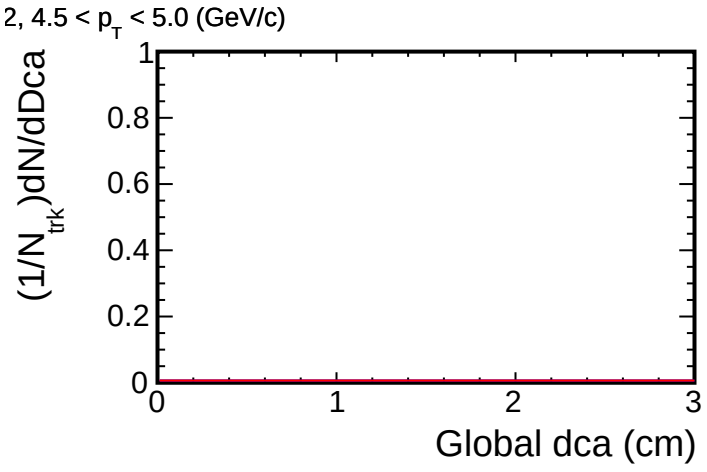


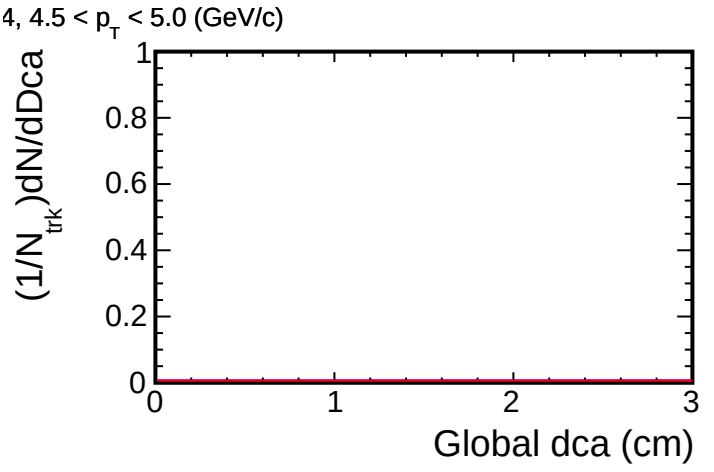


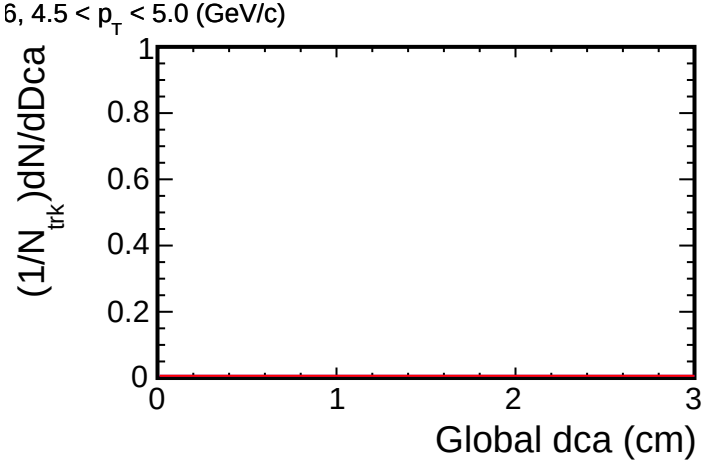
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

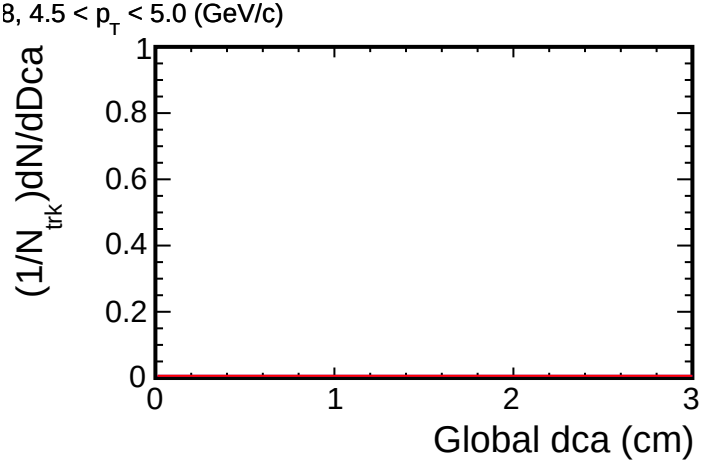
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

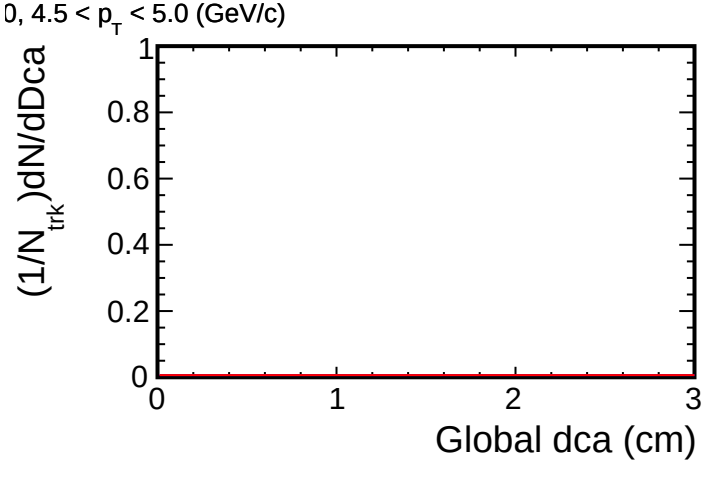
Dca distribution for (p_T, η) slices







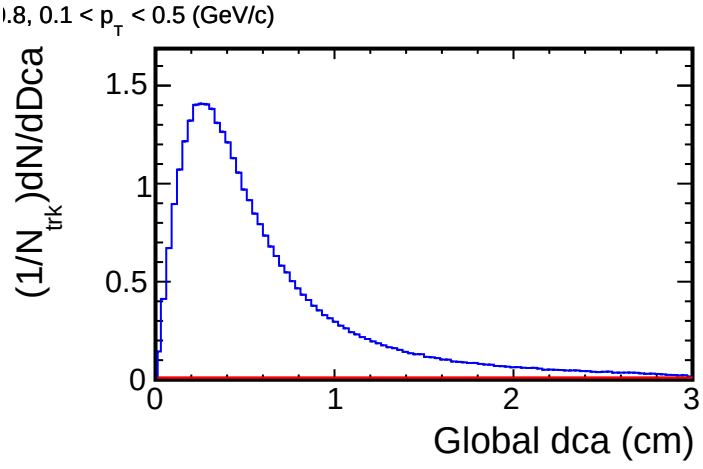


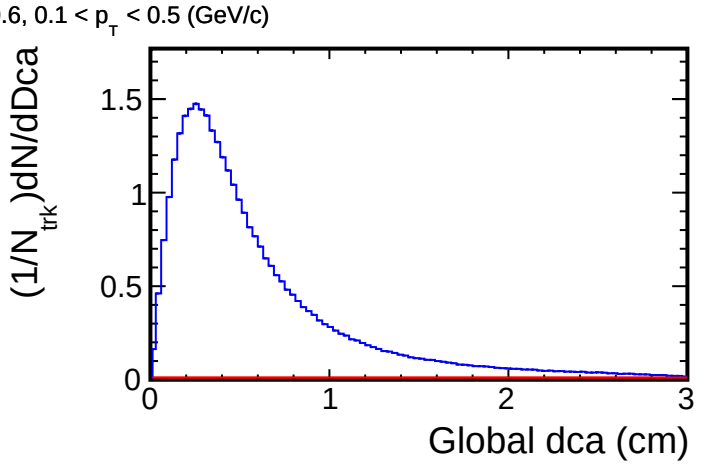


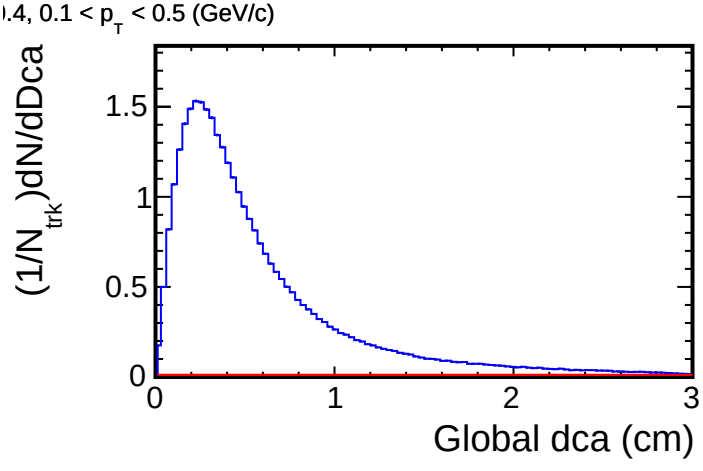
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

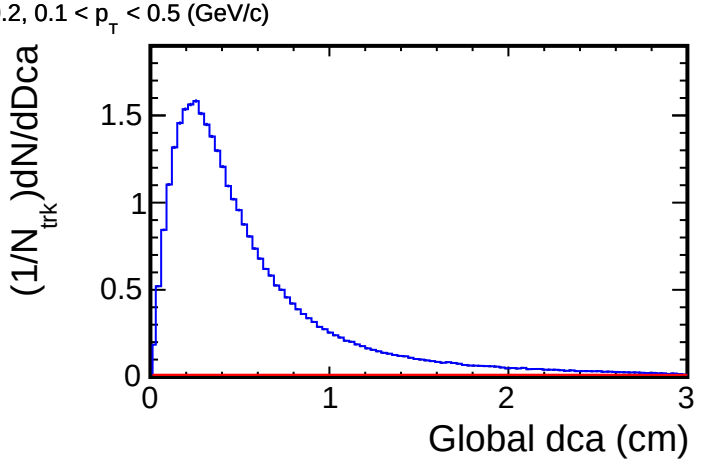
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

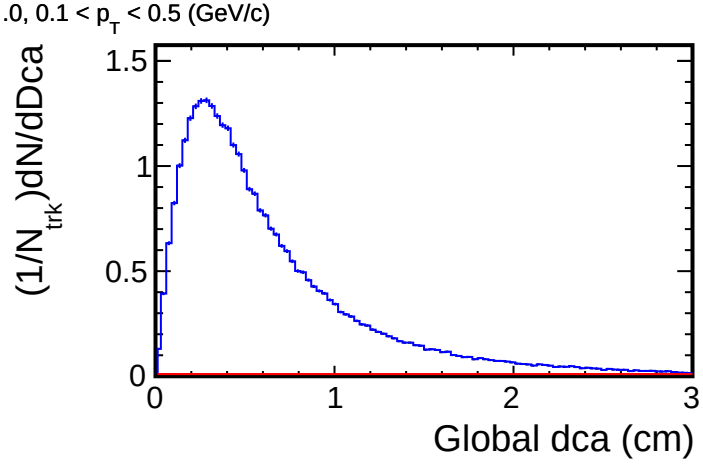
Dca distribution for (p_T, η) slices







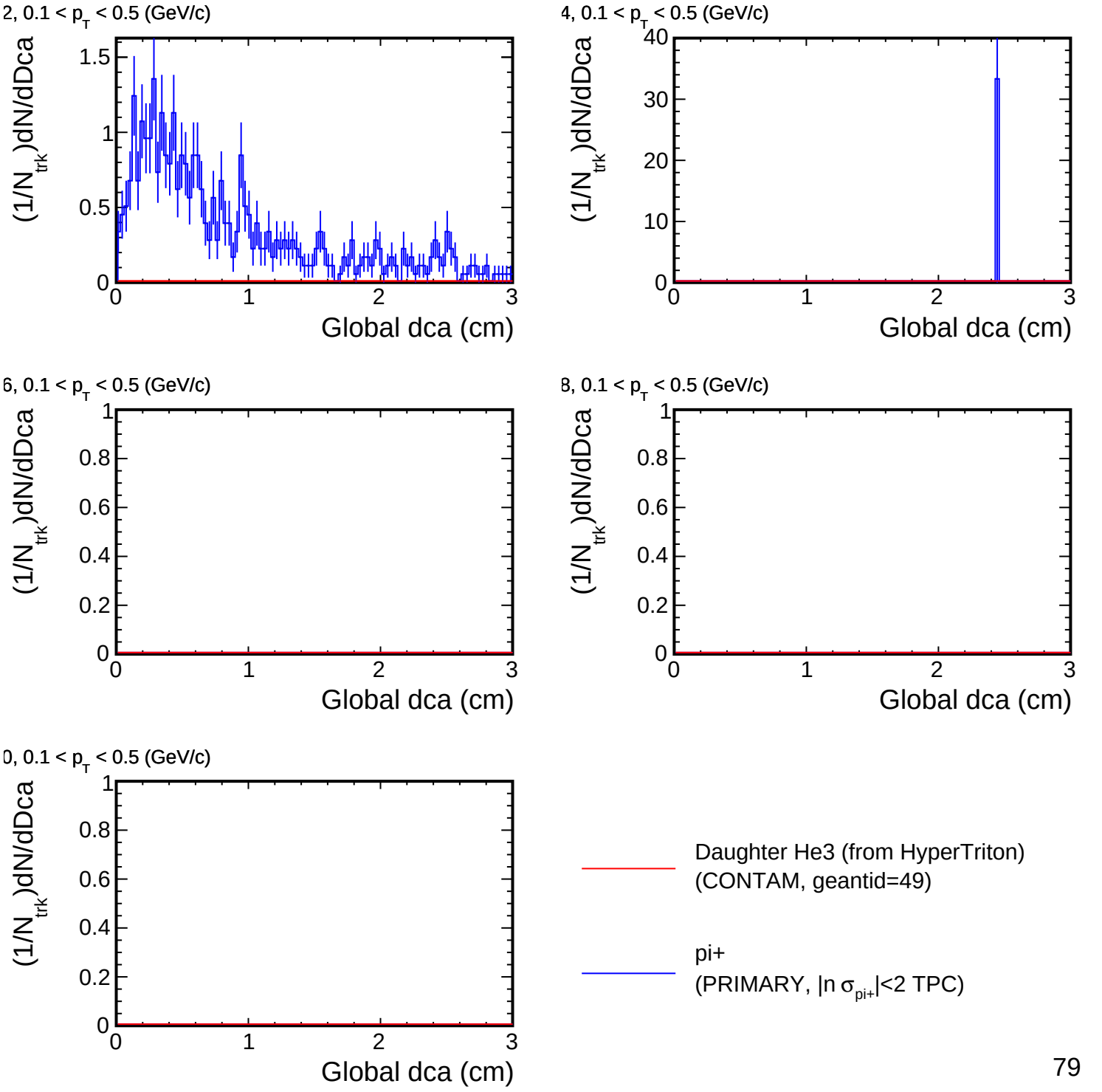




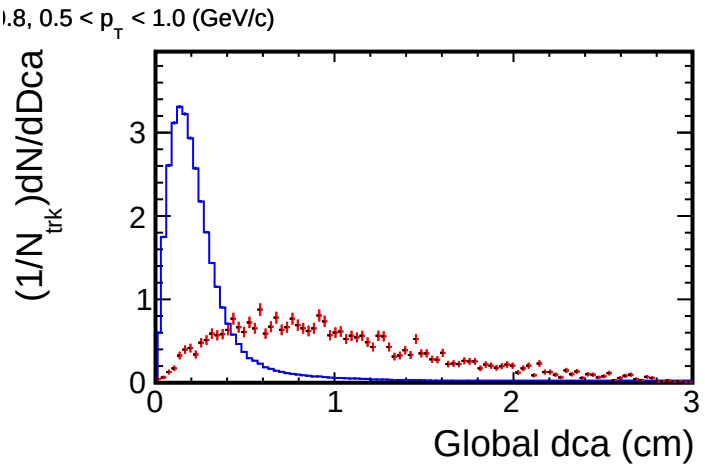
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

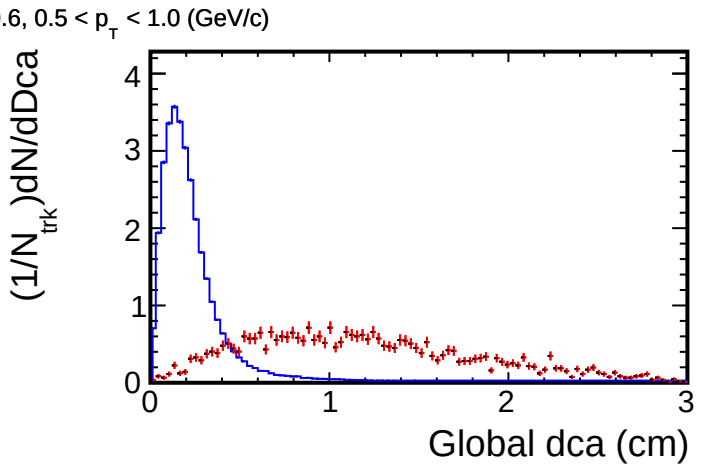
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

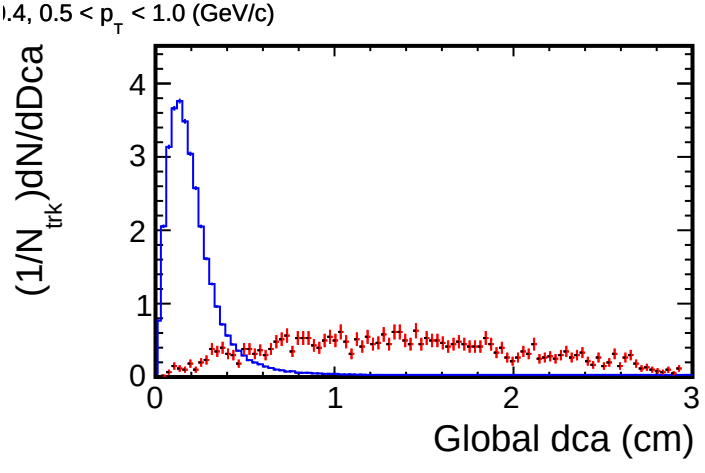
Dca distribution for (p_T, η) slices

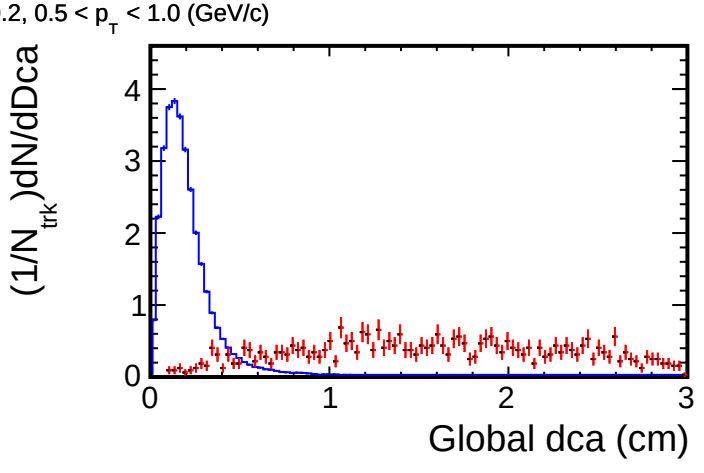


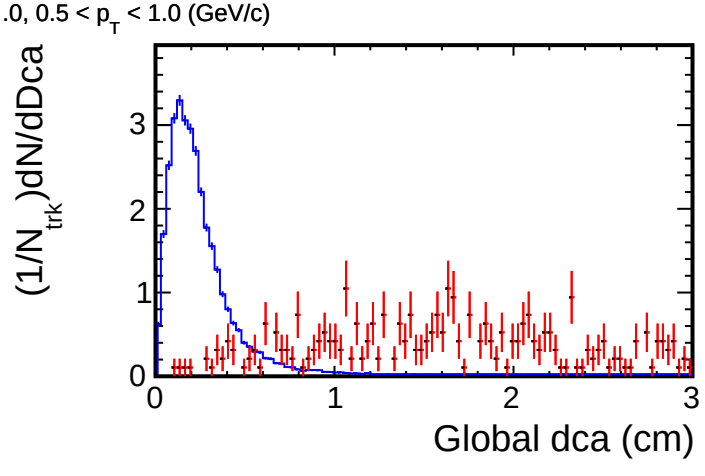
Dca distribution for (p_T, η) slices







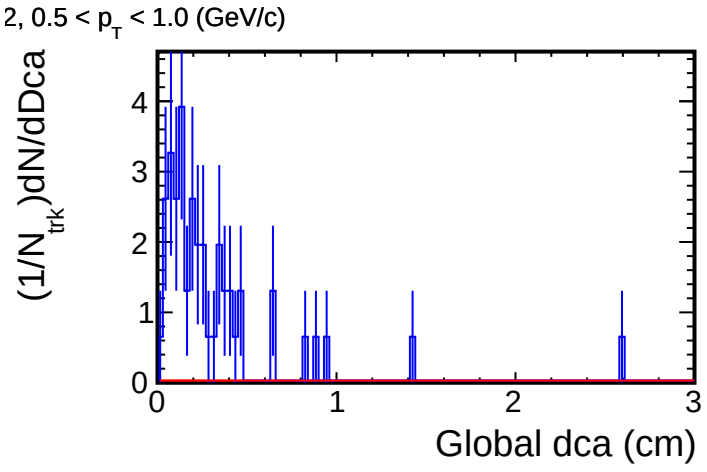


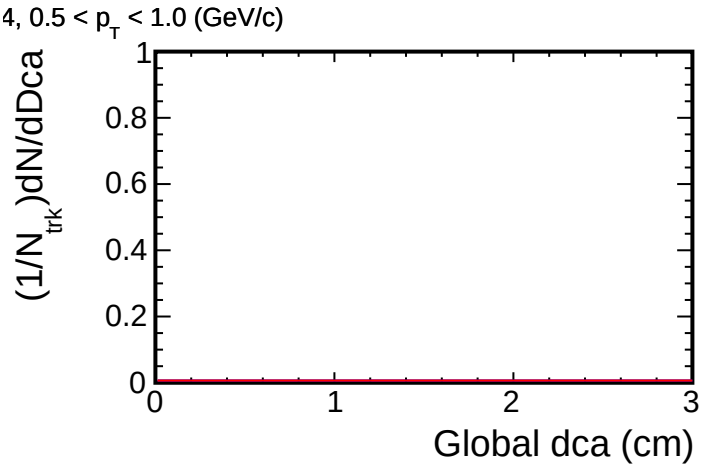


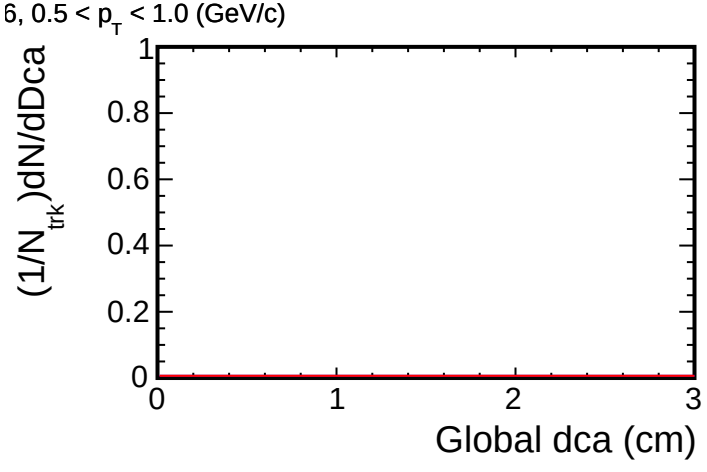
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

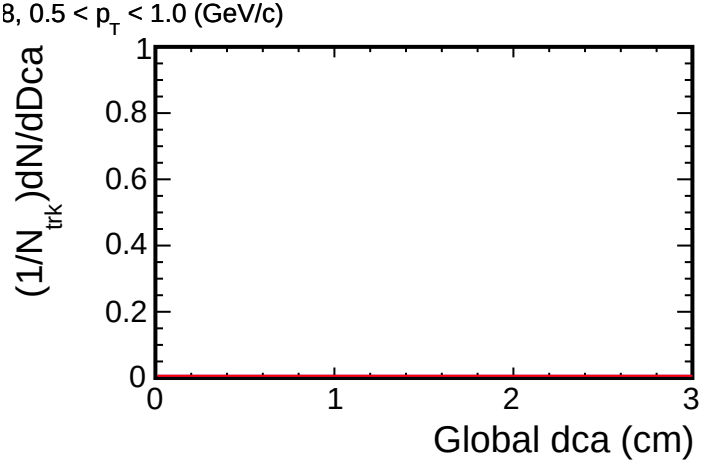
pi+
(PRIMARY, $|n\,\sigma_{pi+}|$<2 TPC)

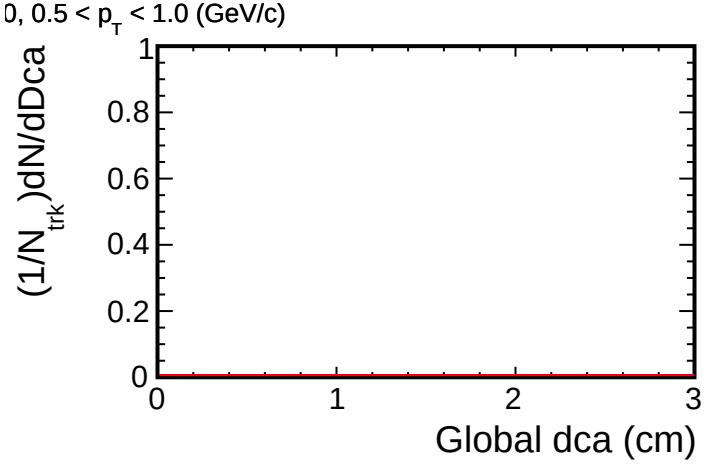
Dca distribution for (p_T, η) slices







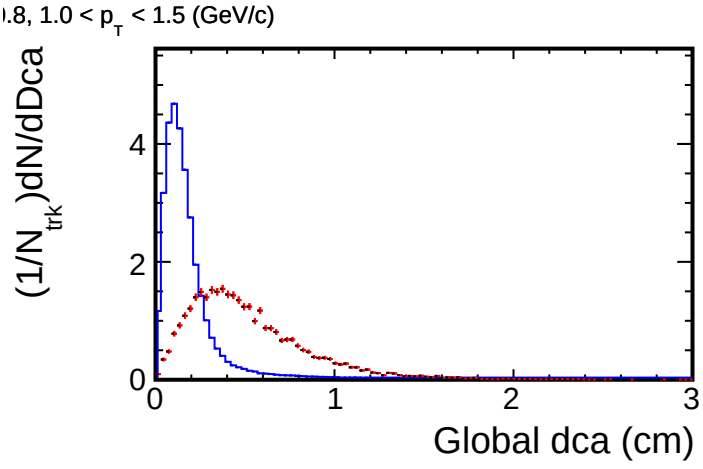


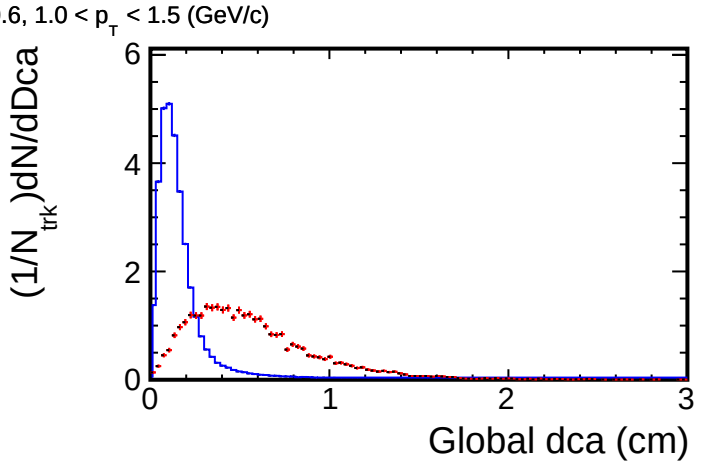


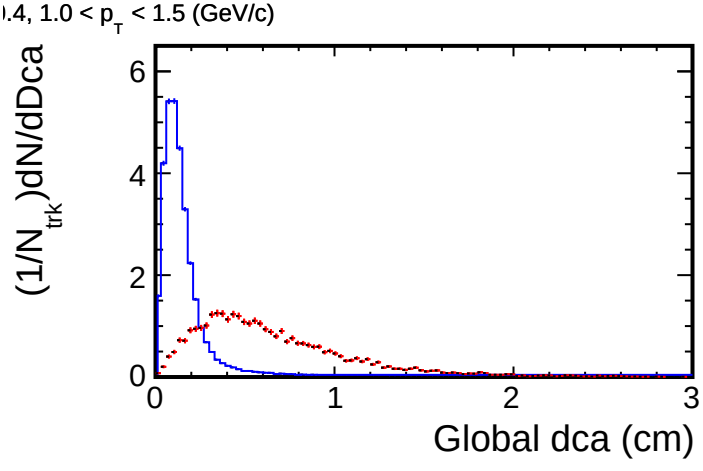
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

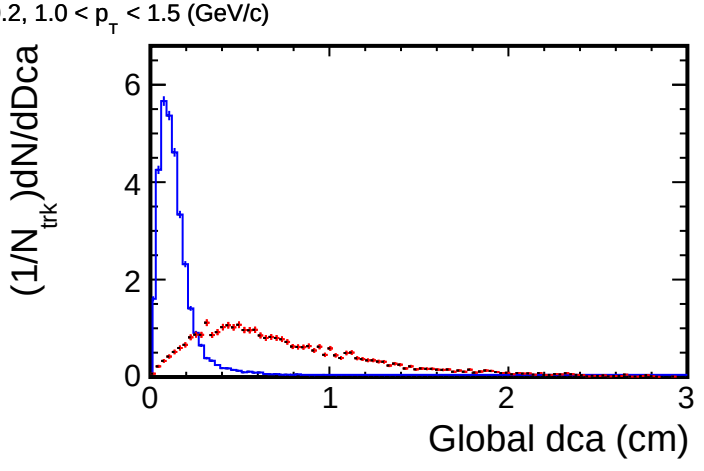
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

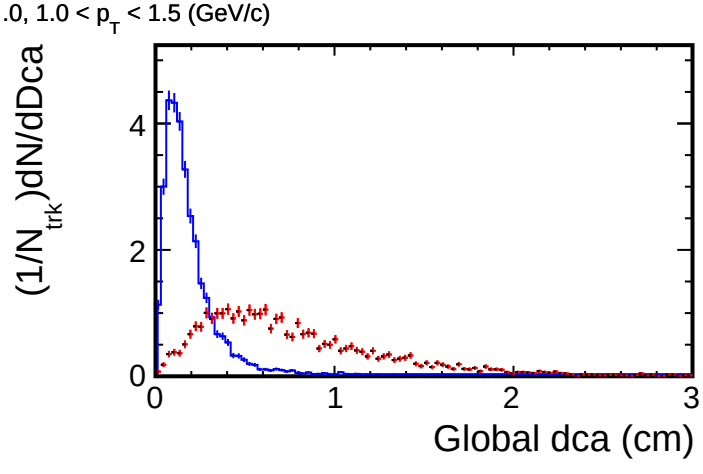
Dca distribution for (p_T, η) slices







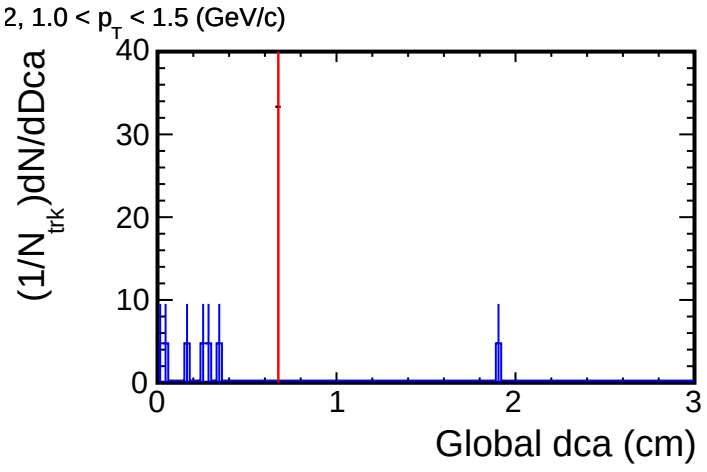


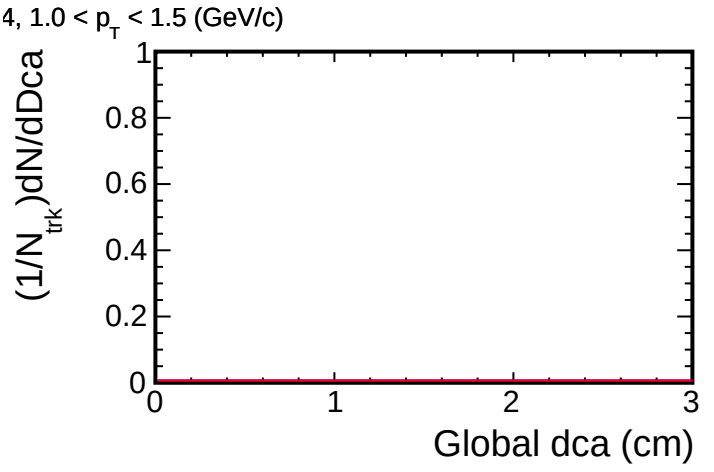


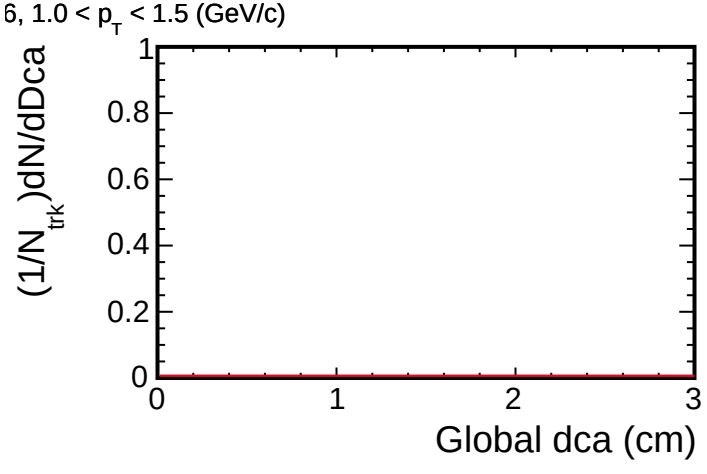
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

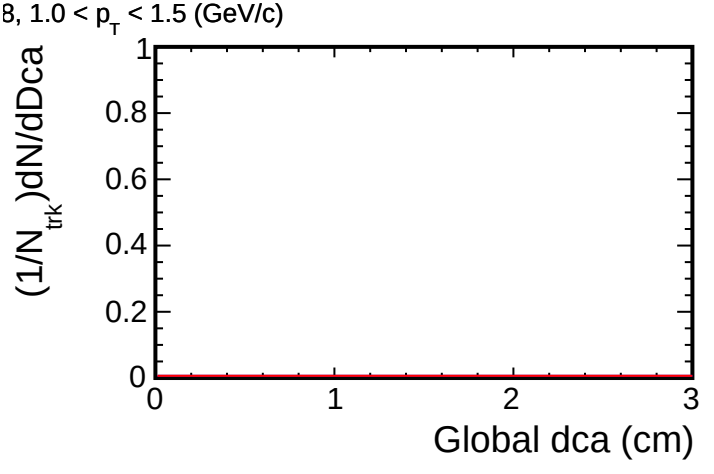
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

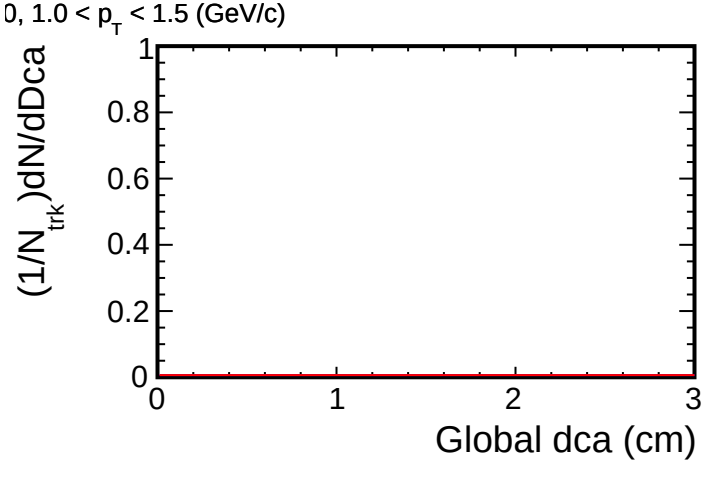
Dca distribution for (p_T, η) slices







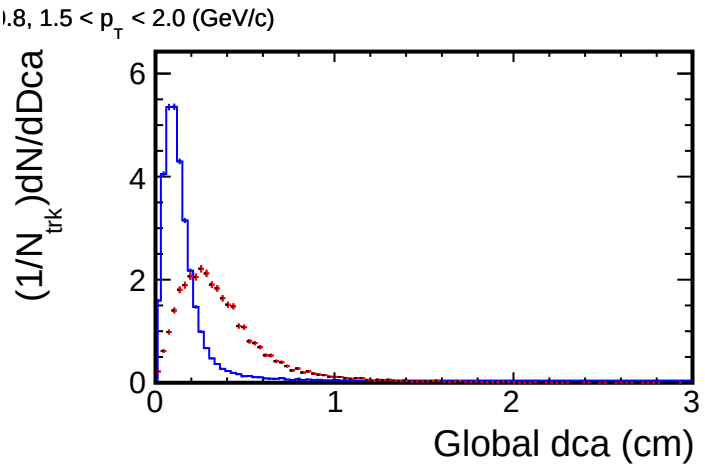


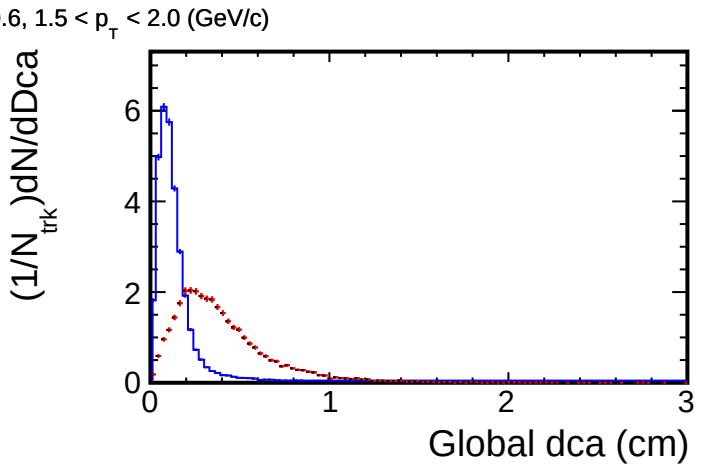


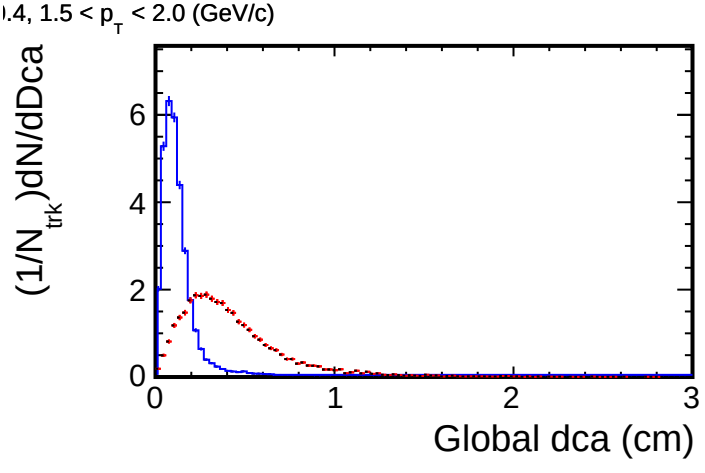
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

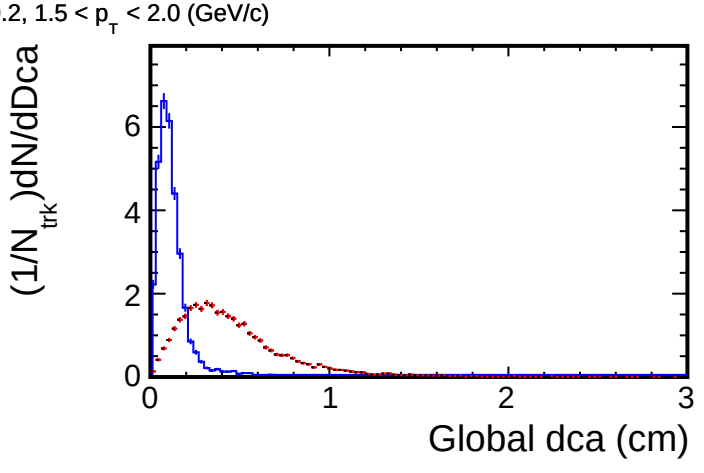
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

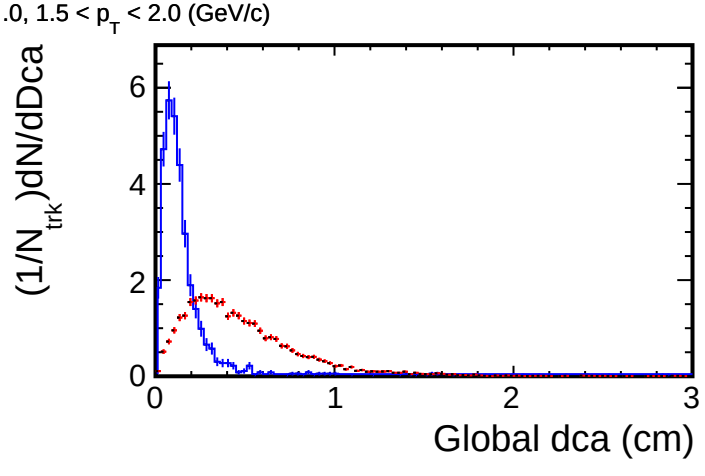
Dca distribution for (p_T, η) slices







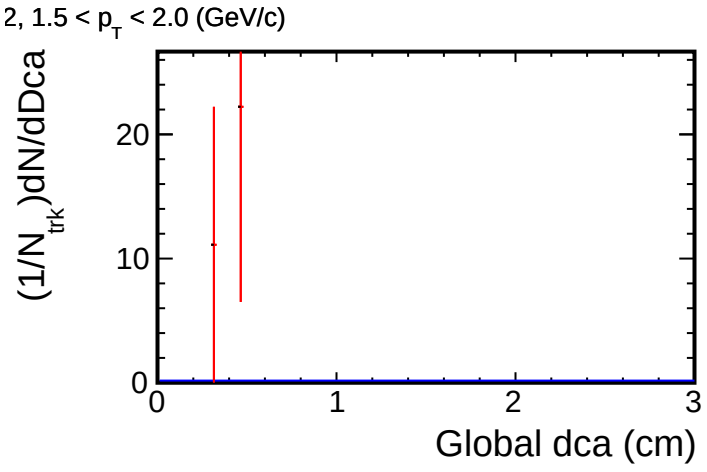


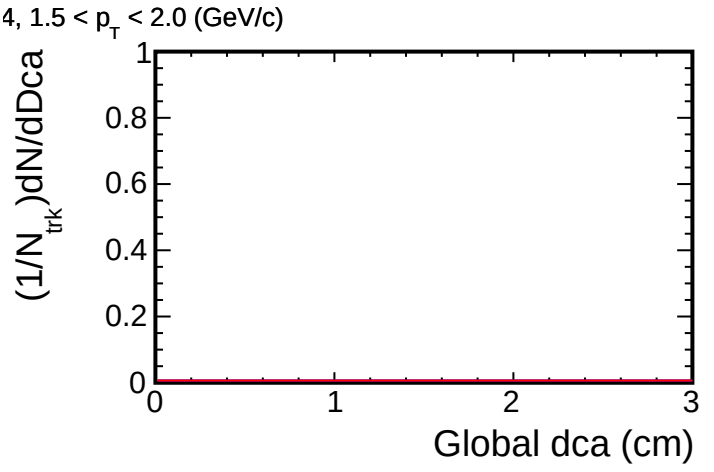


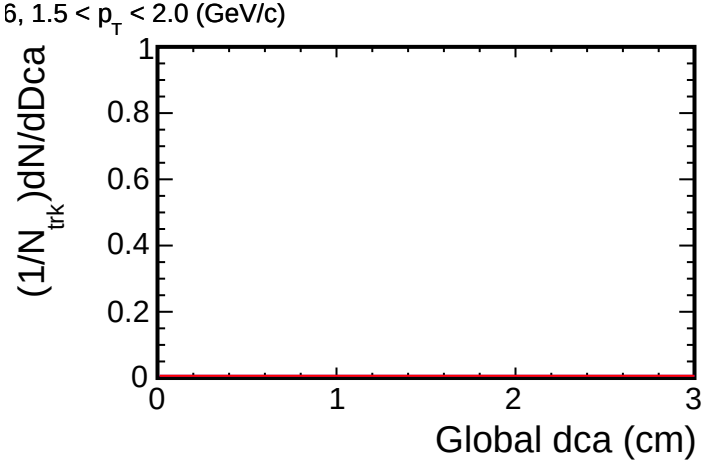
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

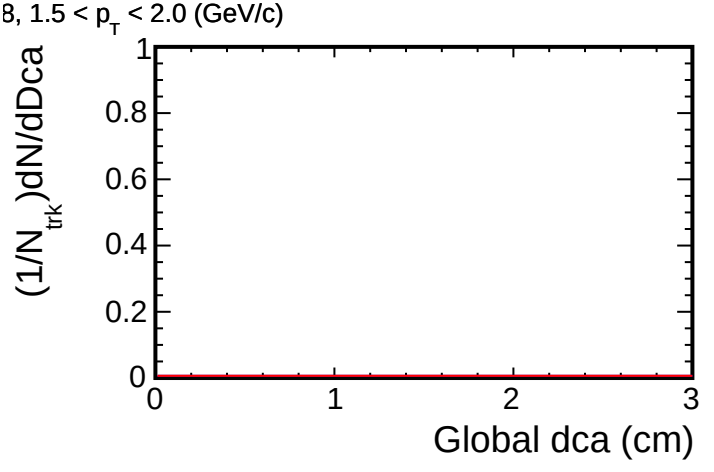
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

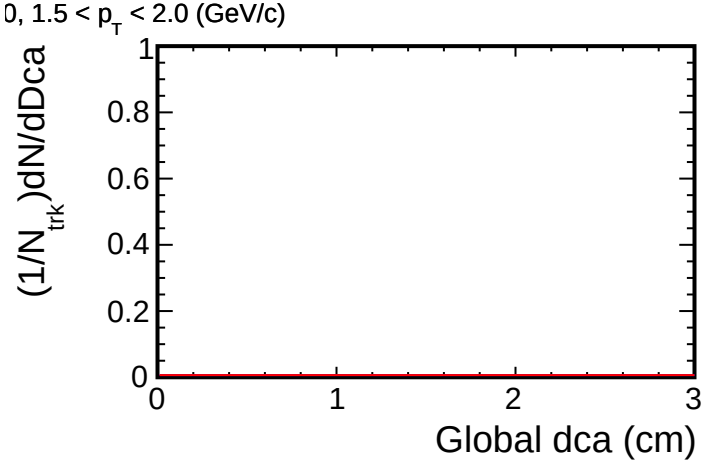
Dca distribution for (p_T, η) slices







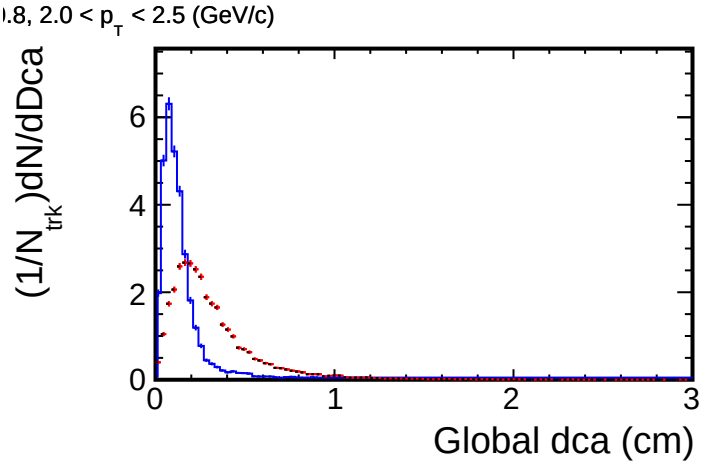


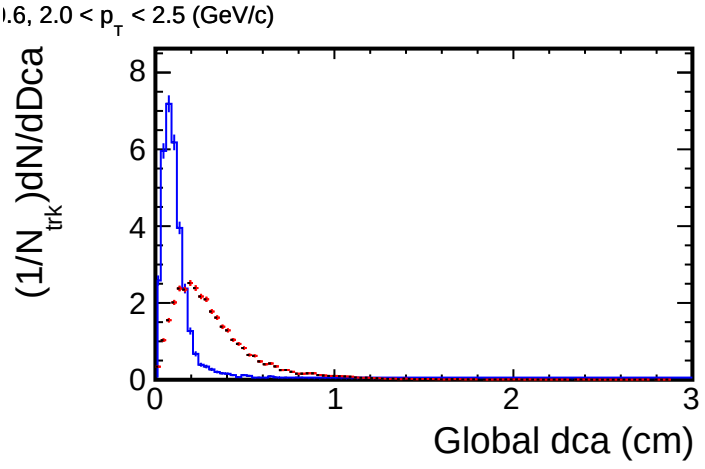


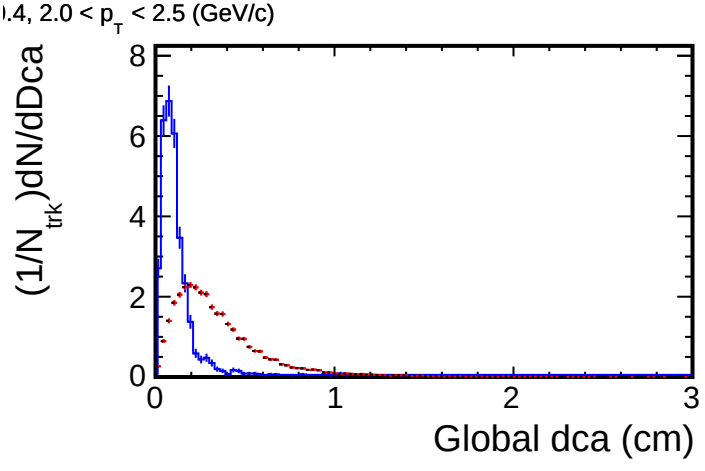
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

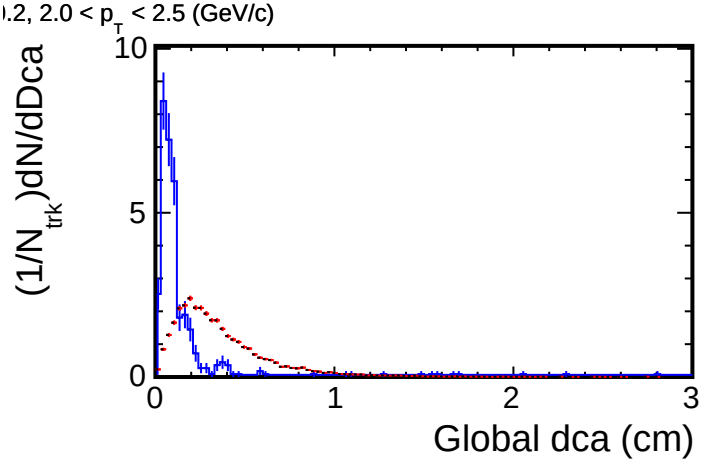
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

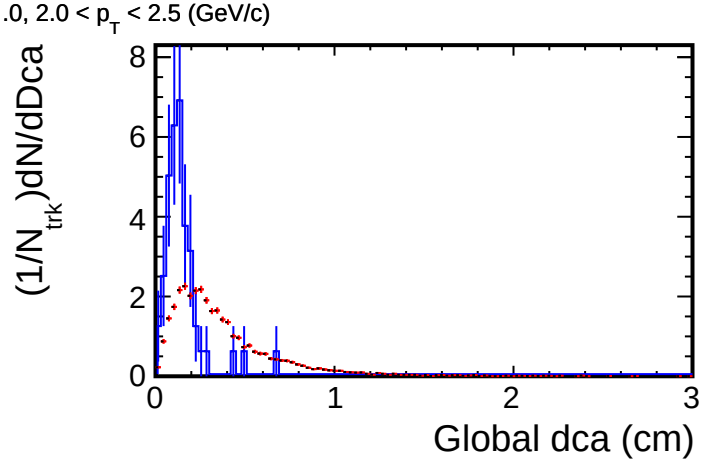
Dca distribution for (p_T, η) slices







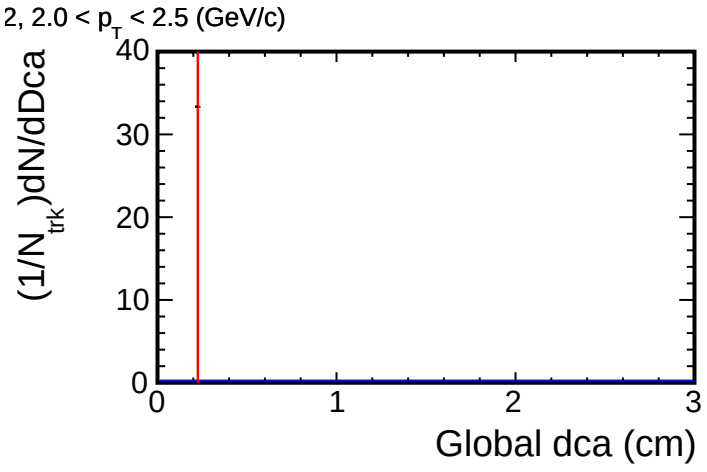


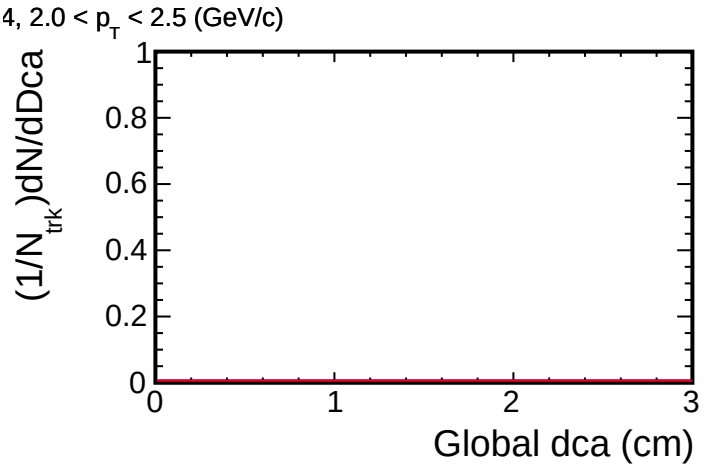


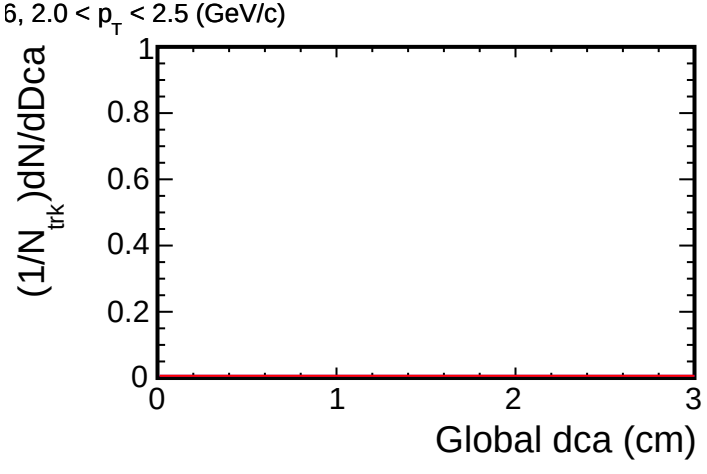
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

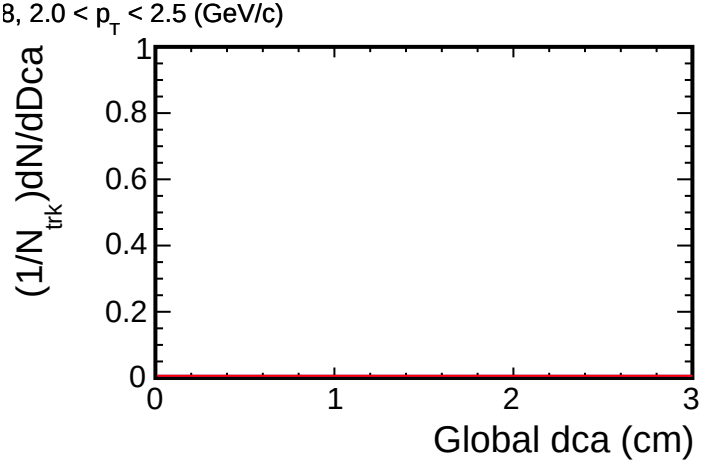
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

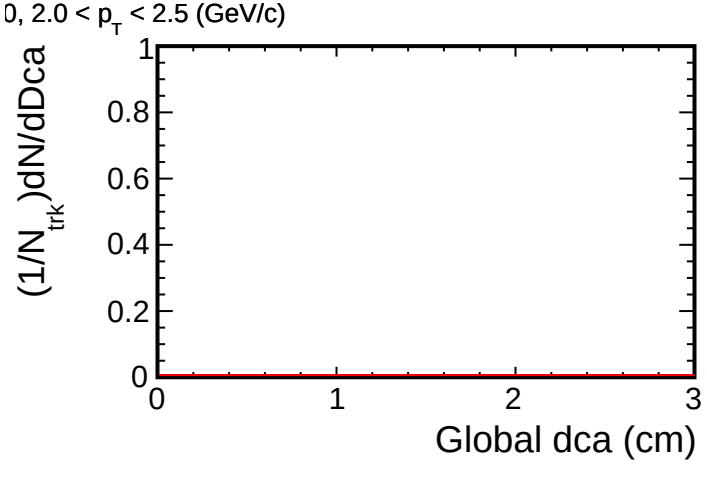
Dca distribution for (p_T, η) slices







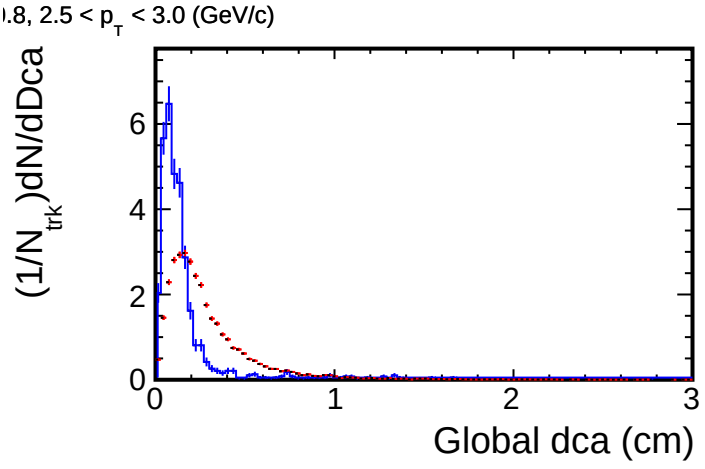


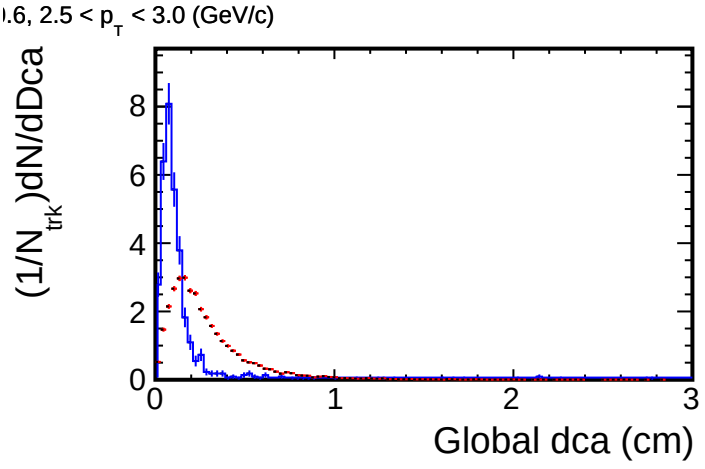


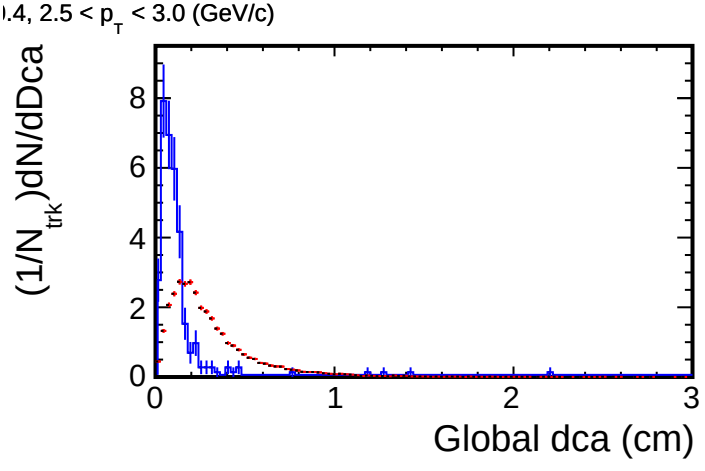
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

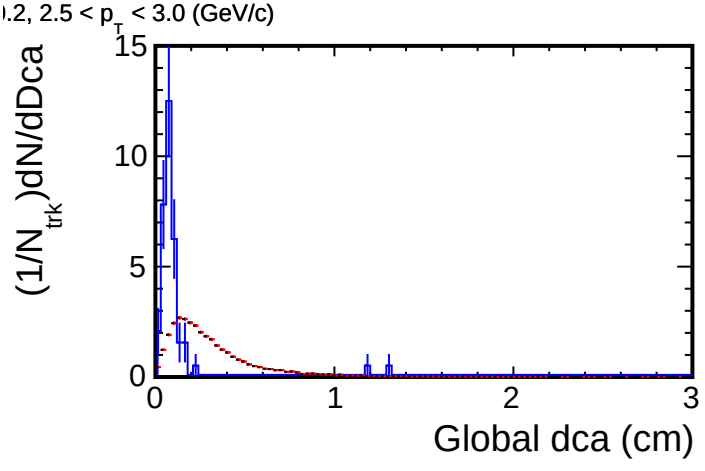
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

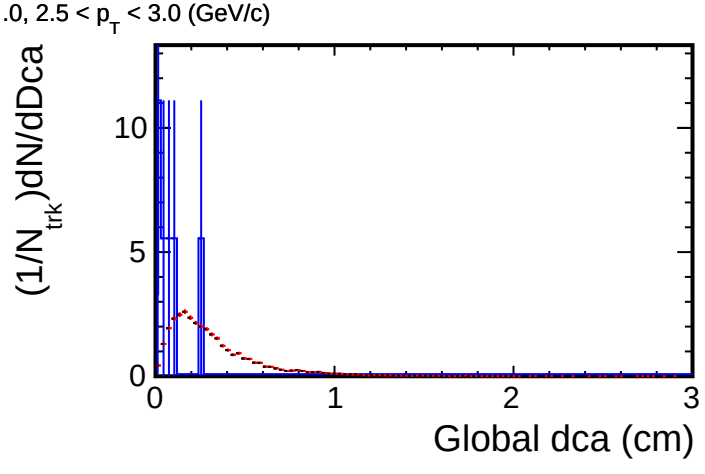
Dca distribution for (p_T, η) slices







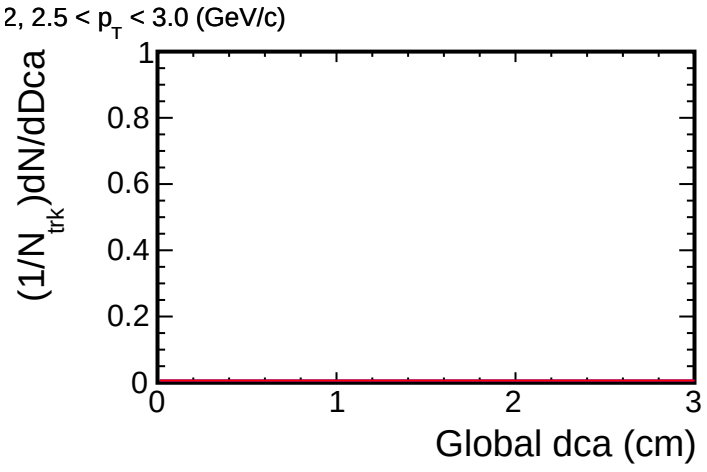


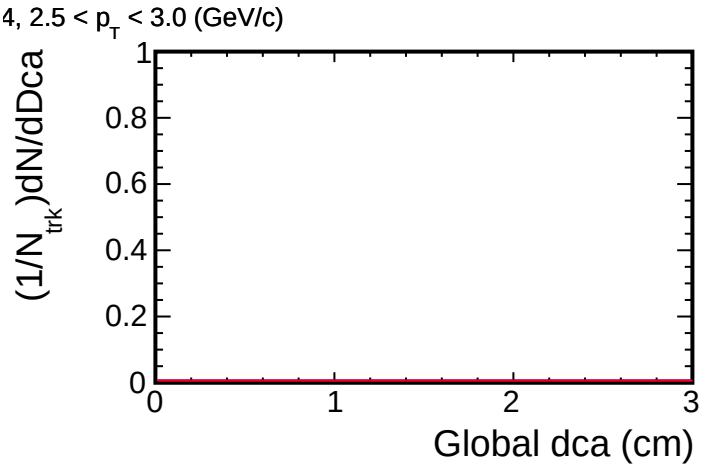


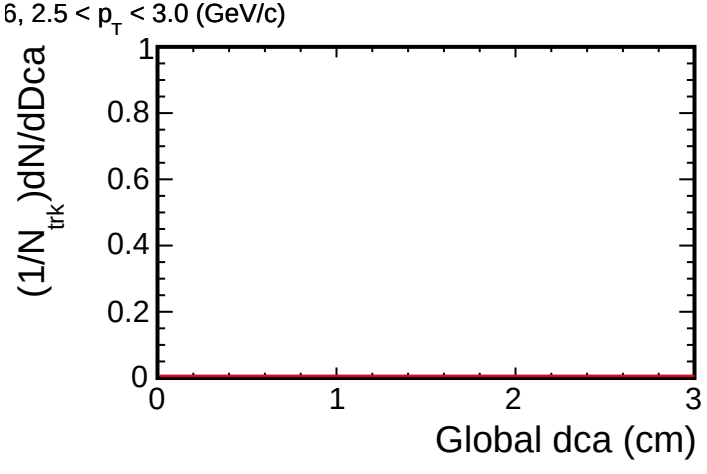
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

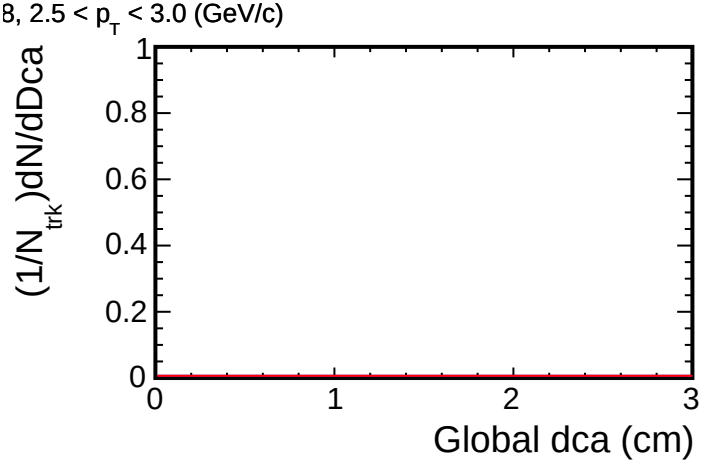
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

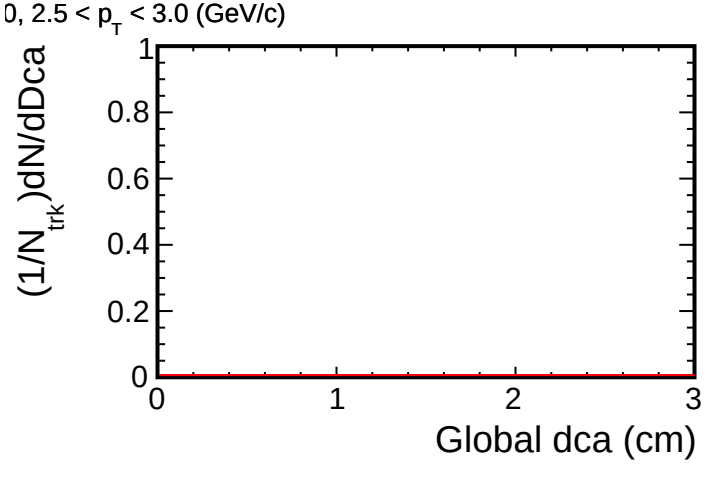
Dca distribution for (p_T, η) slices







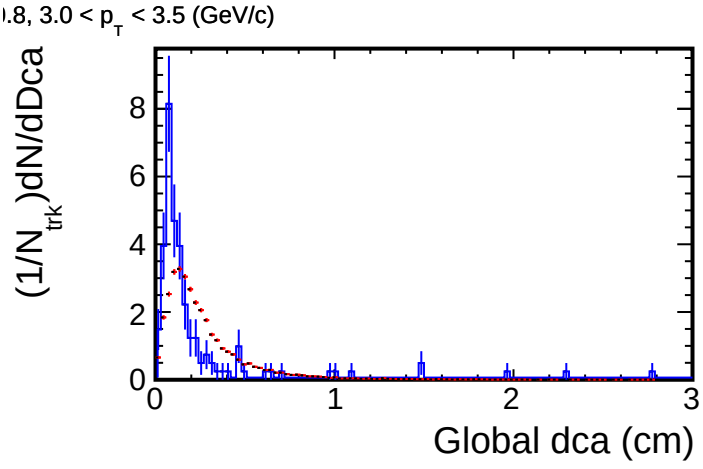


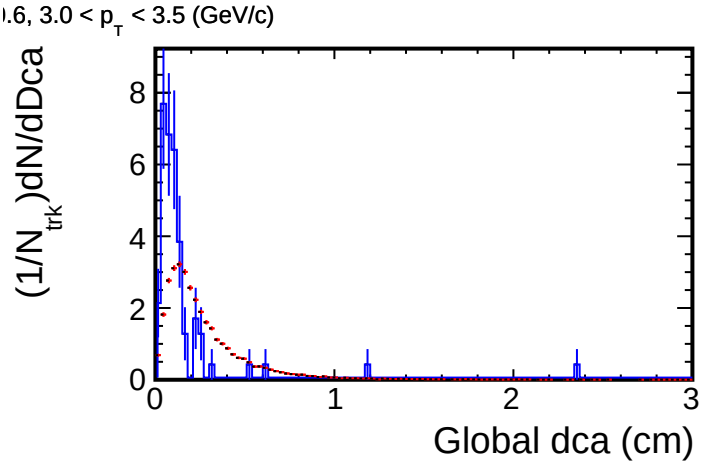


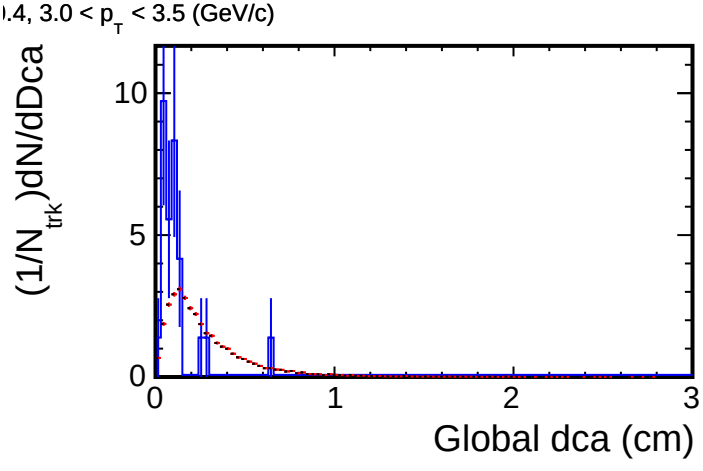
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

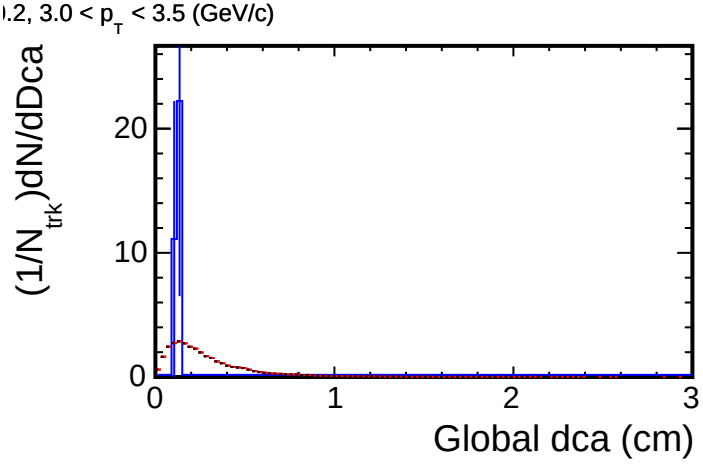
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

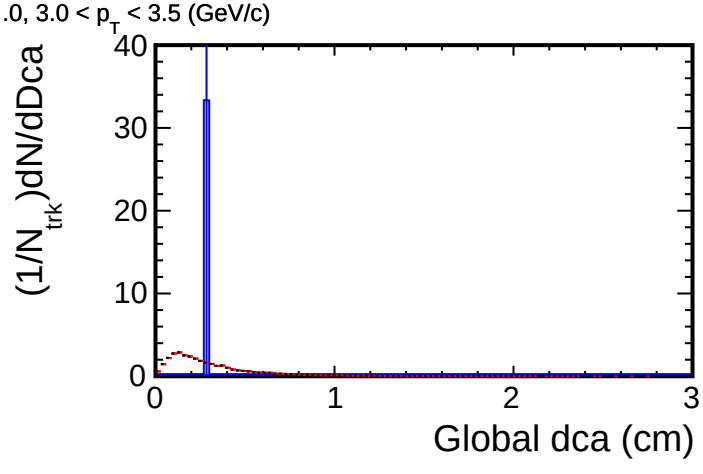
Dca distribution for (p_T, η) slices









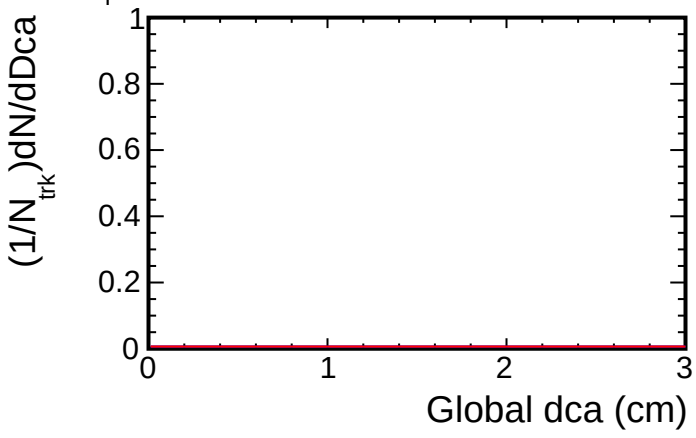


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

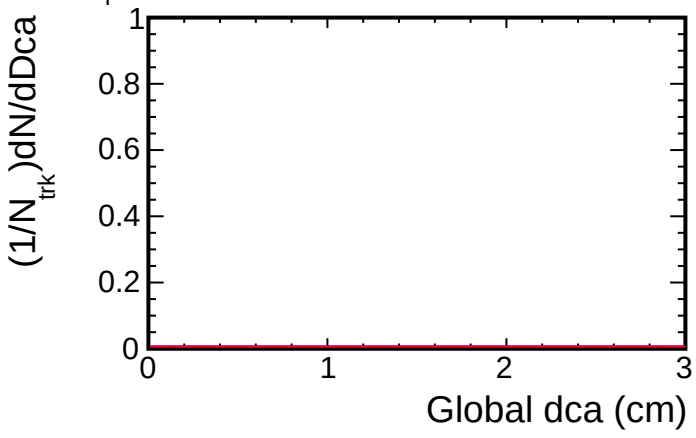
pi+
(PRIMARY, |n σ$_{pi+}$|<2 TPC)

Dca distribution for (p_T, η) slices

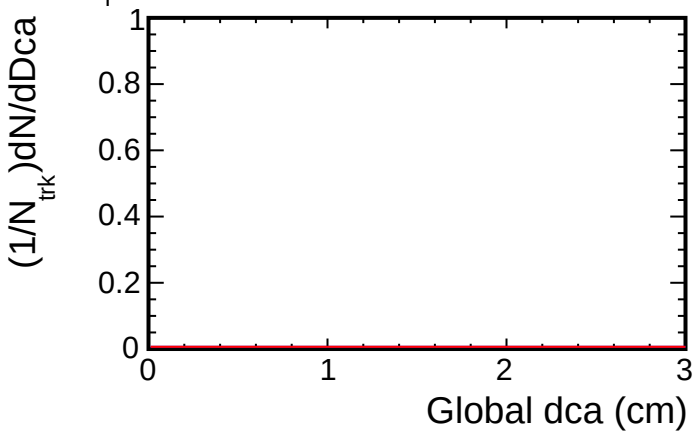
2, 3.0 < p_T < 3.5 (GeV/c)



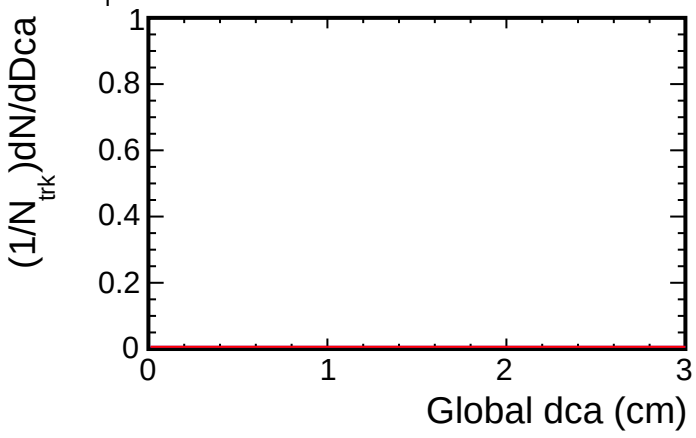
4, 3.0 < p_T < 3.5 (GeV/c)



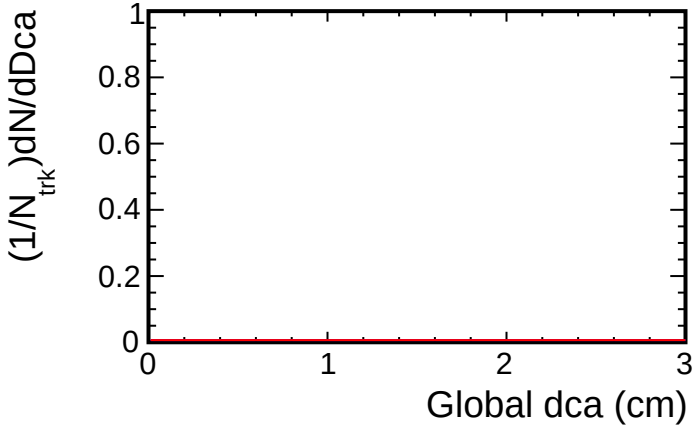
6, 3.0 < p_T < 3.5 (GeV/c)



8, 3.0 < p_T < 3.5 (GeV/c)



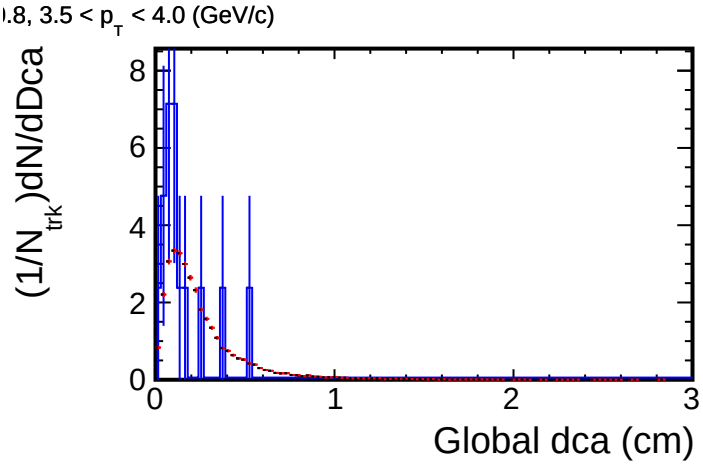
0, 3.0 < p_T < 3.5 (GeV/c)

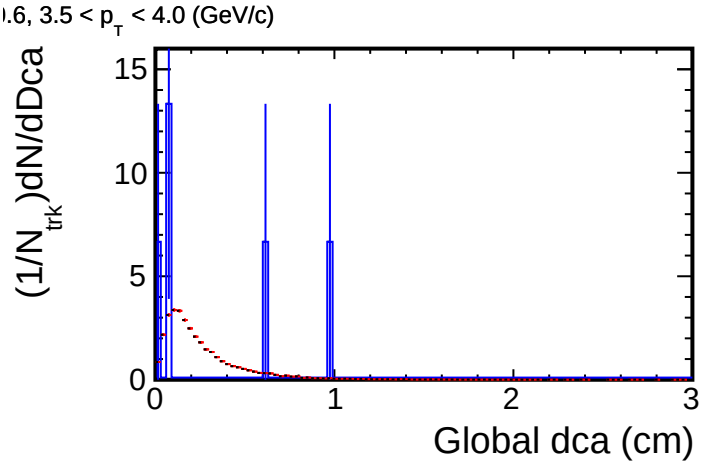


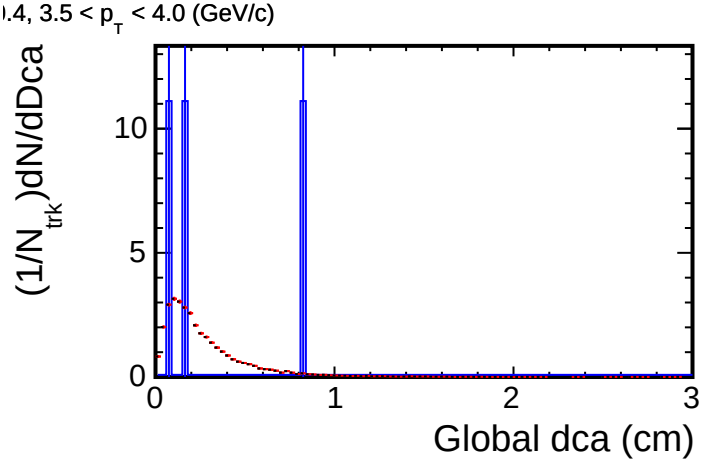
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

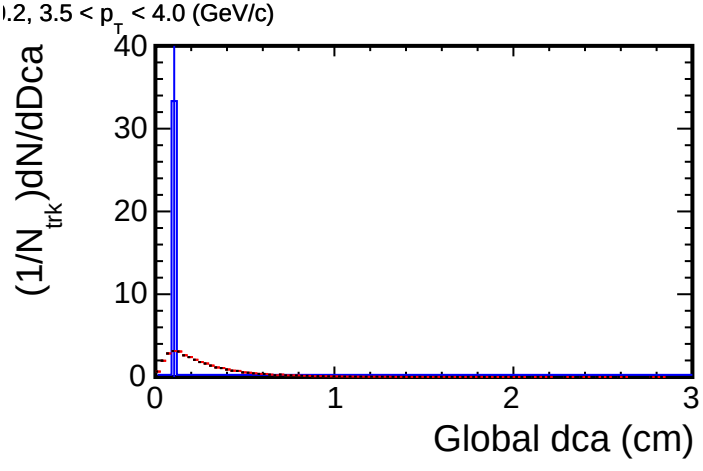
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

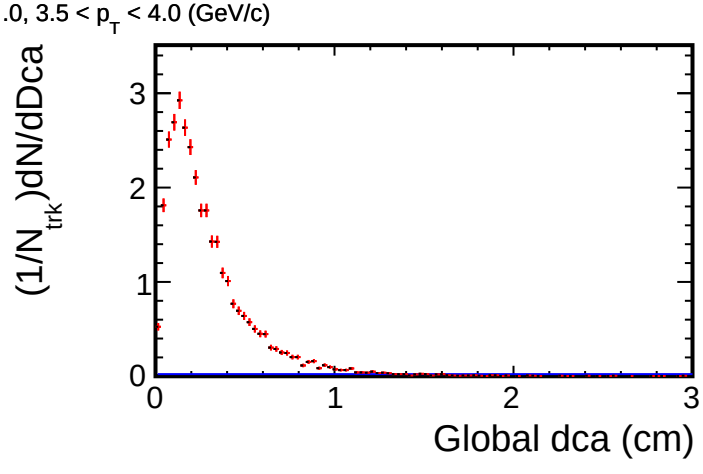
Dca distribution for (p_T, η) slices







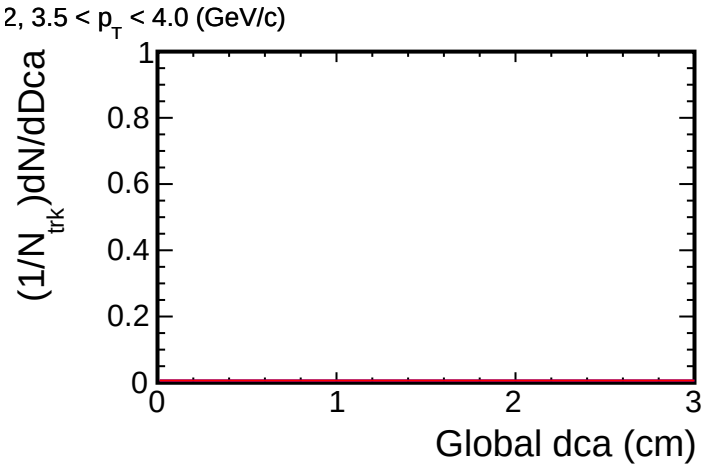


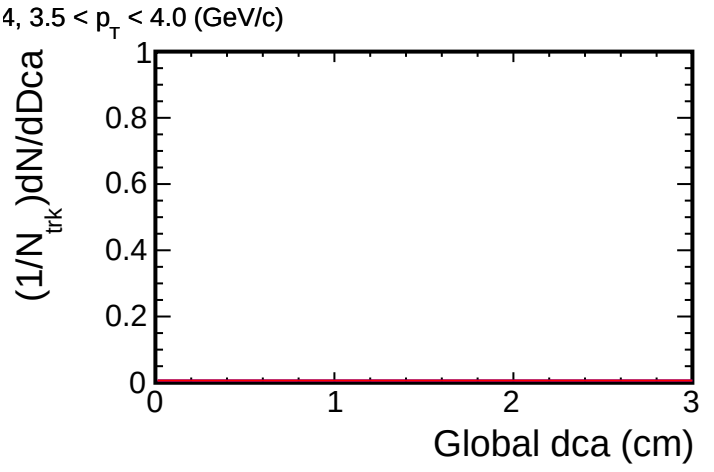


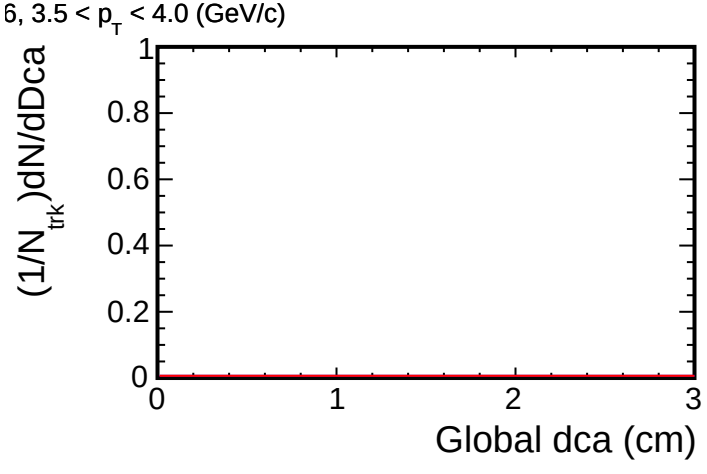
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

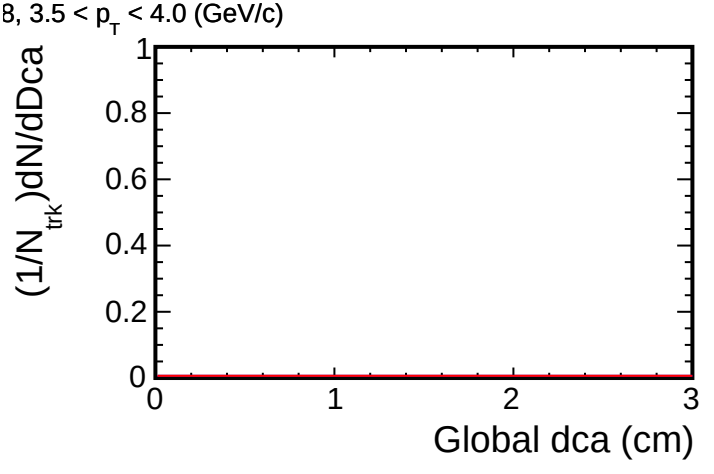
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

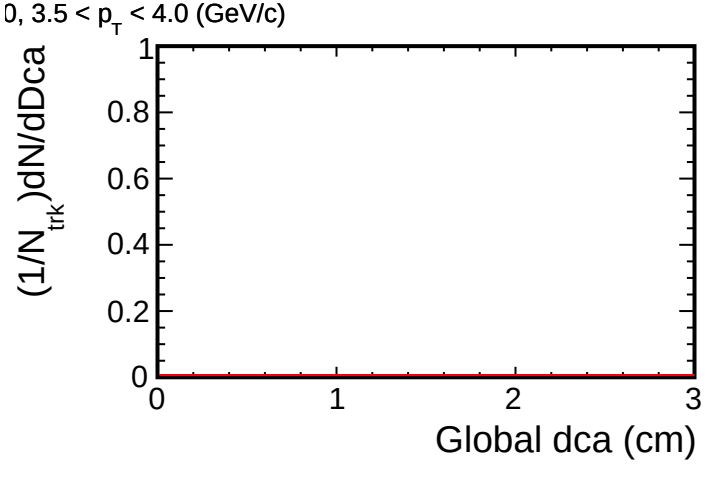
Dca distribution for (p_T, η) slices







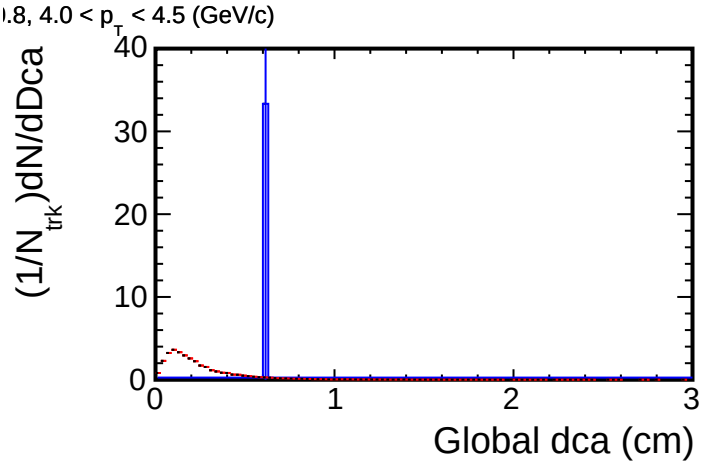


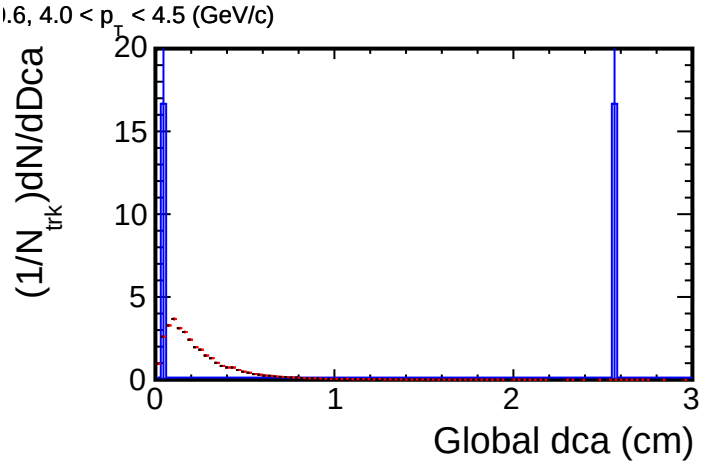


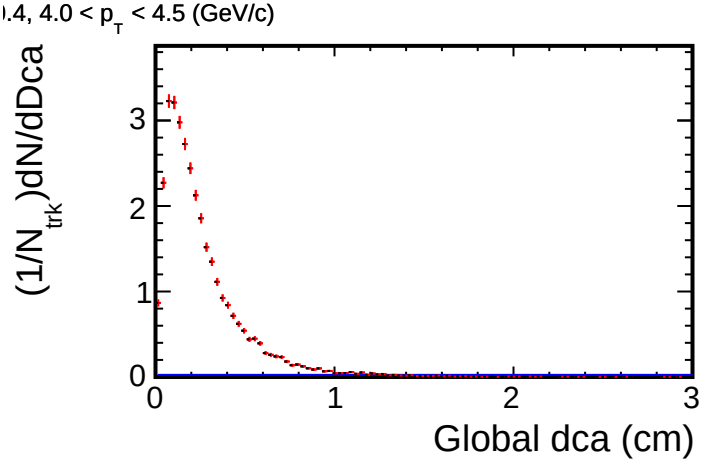
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

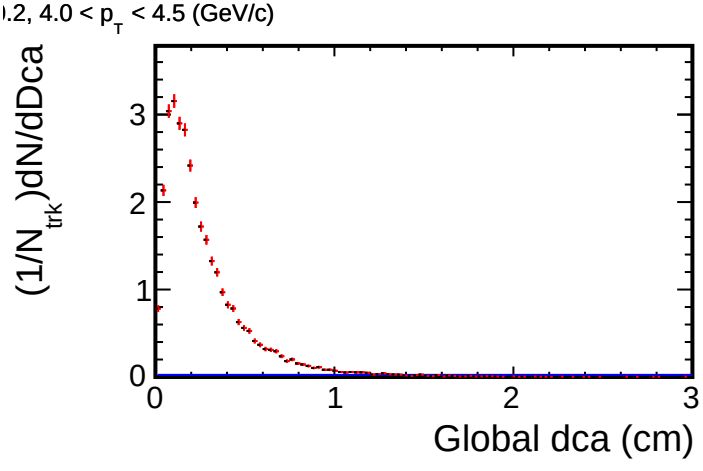
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

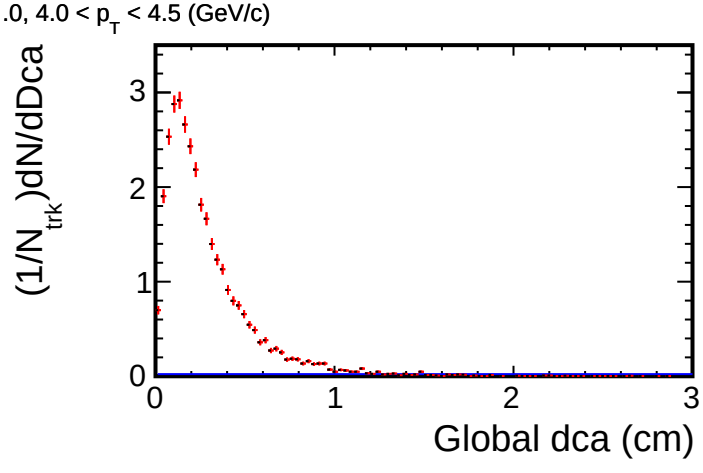
Dca distribution for (p_T, η) slices









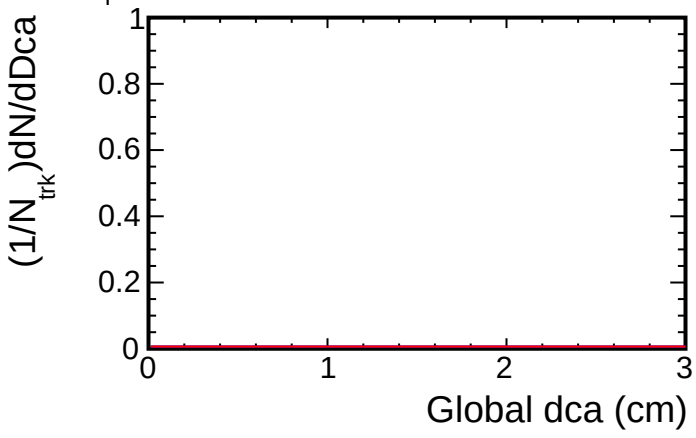


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

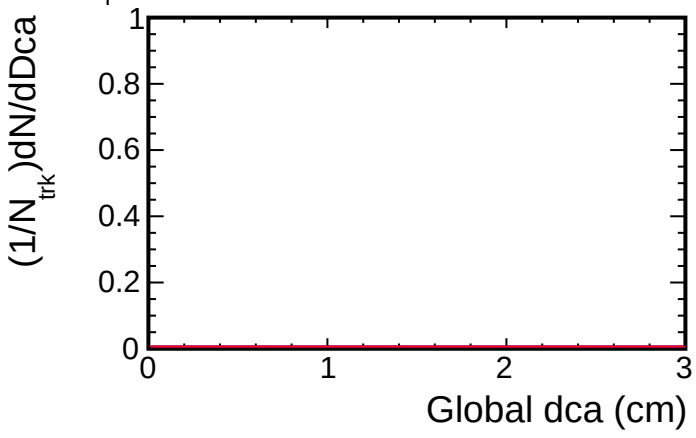
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

Dca distribution for (p_T, η) slices

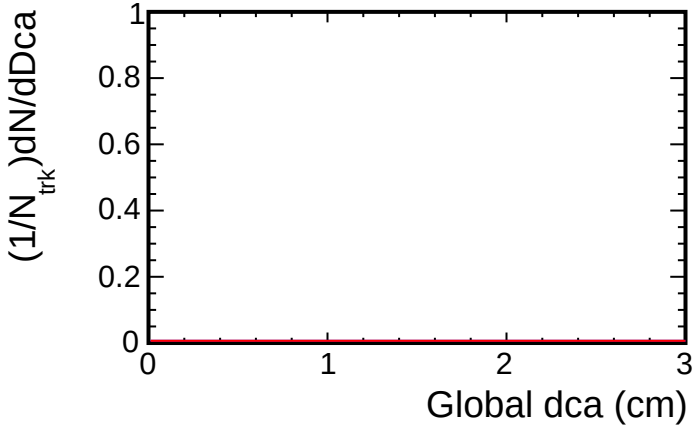
2, 4.0 < p_T < 4.5 (GeV/c)



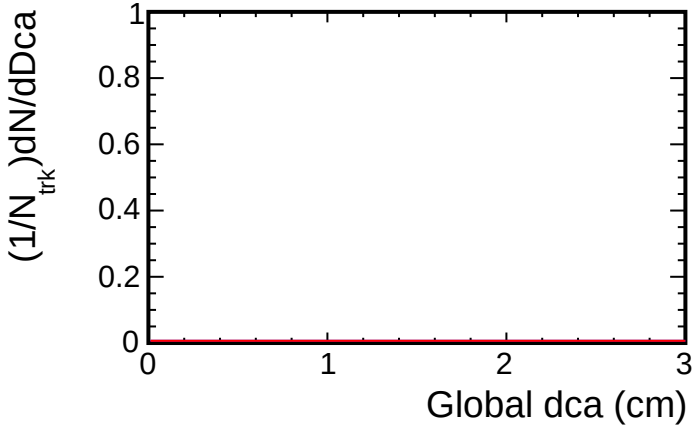
4, 4.0 < p_T < 4.5 (GeV/c)



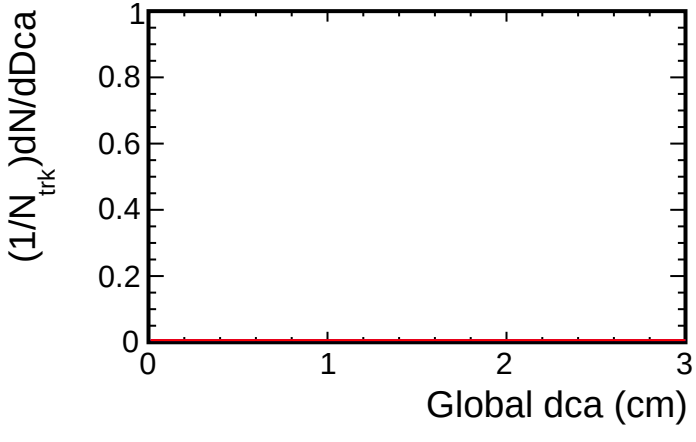
6, 4.0 < p_T < 4.5 (GeV/c)



8, 4.0 < p_T < 4.5 (GeV/c)



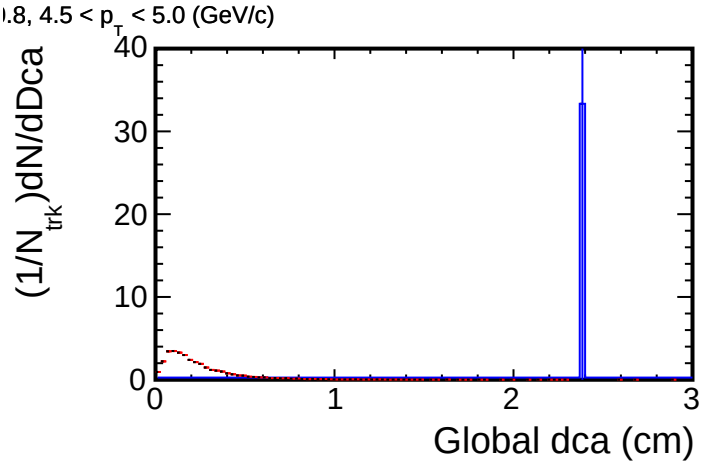
0, 4.0 < p_T < 4.5 (GeV/c)

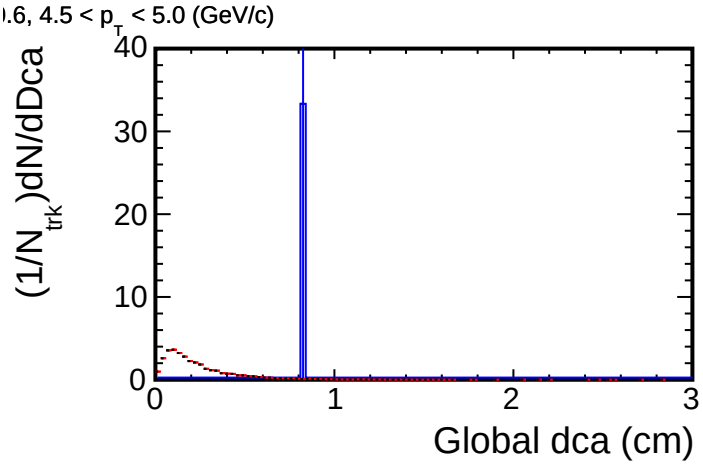


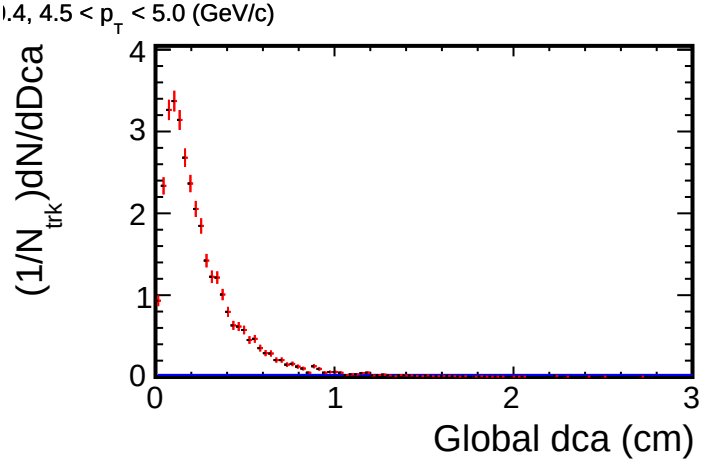
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

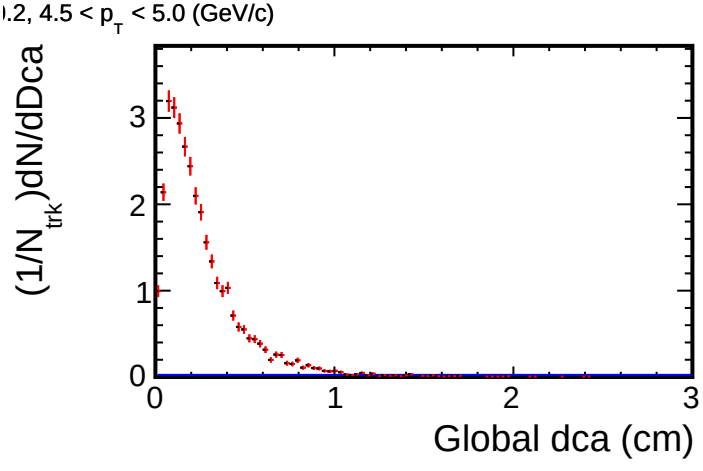
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

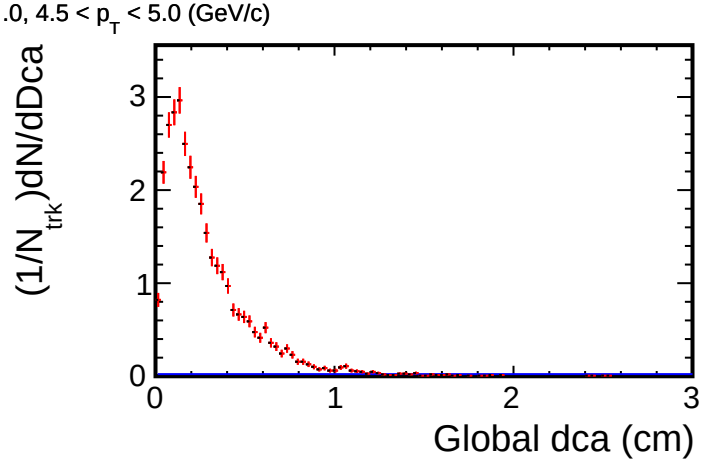
Dca distribution for (p_T, η) slices









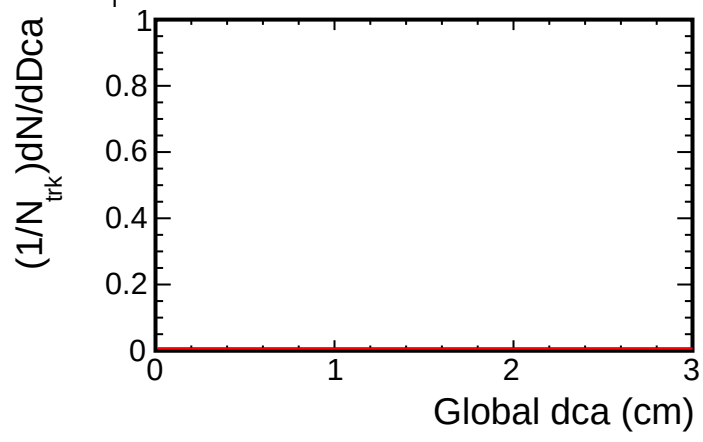


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

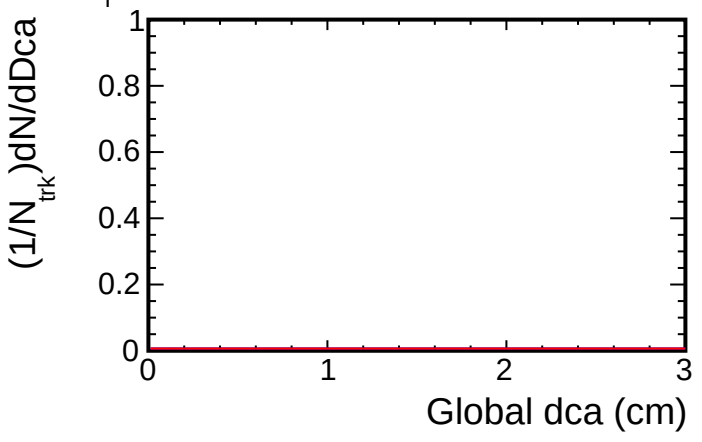
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

Dca distribution for (p_T, η) slices

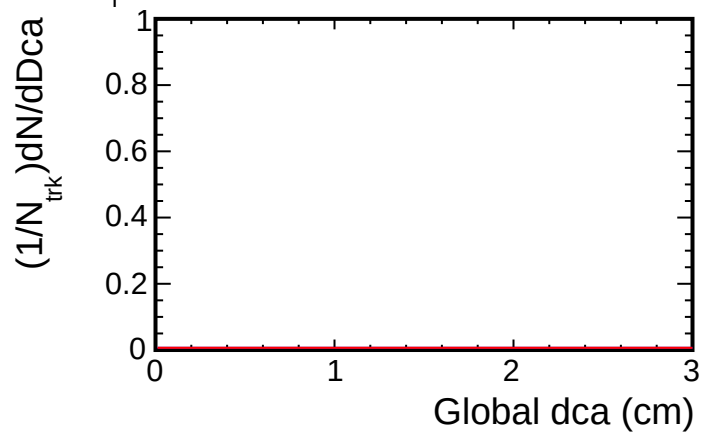
2, 4.5 < p_T < 5.0 (GeV/c)



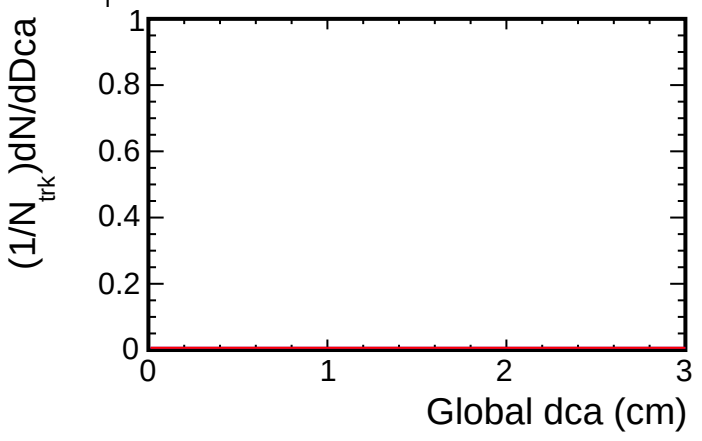
4, 4.5 < p_T < 5.0 (GeV/c)



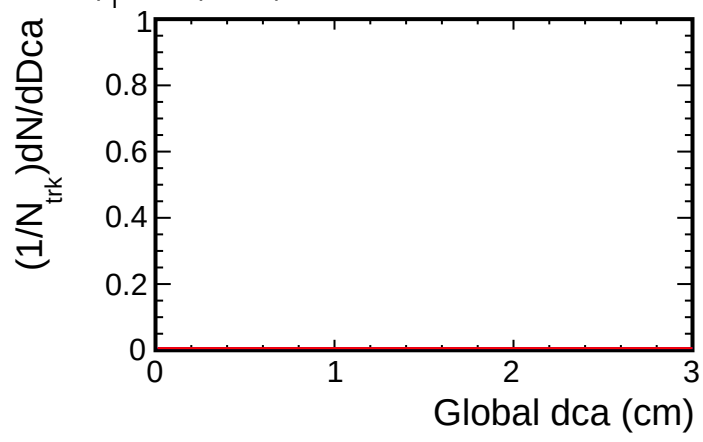
6, 4.5 < p_T < 5.0 (GeV/c)



8, 4.5 < p_T < 5.0 (GeV/c)



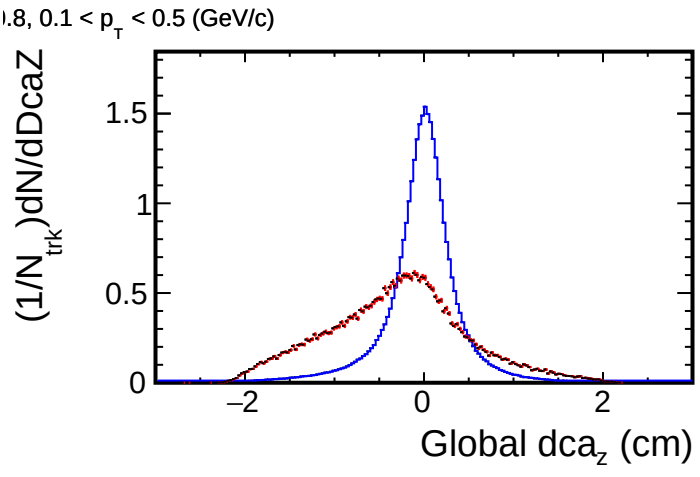
0, 4.5 < p_T < 5.0 (GeV/c)

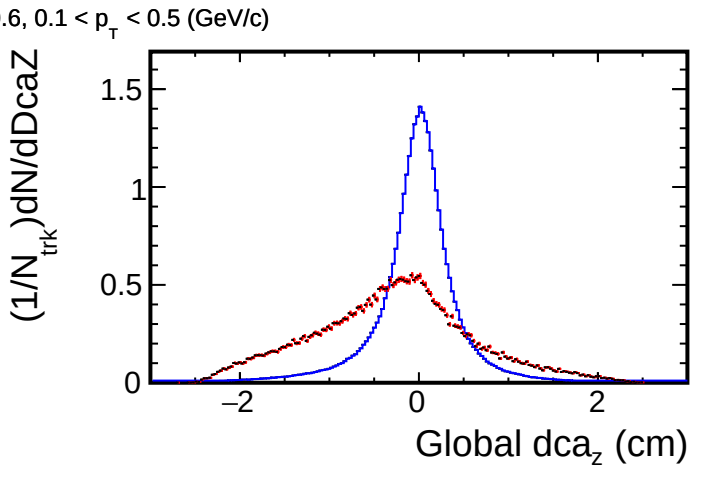


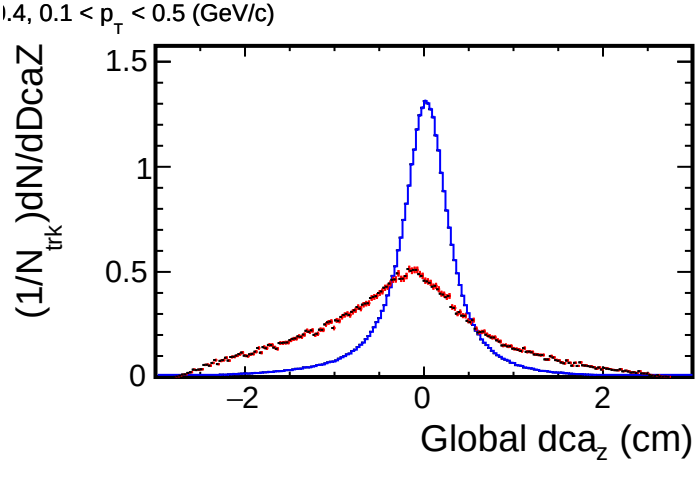
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

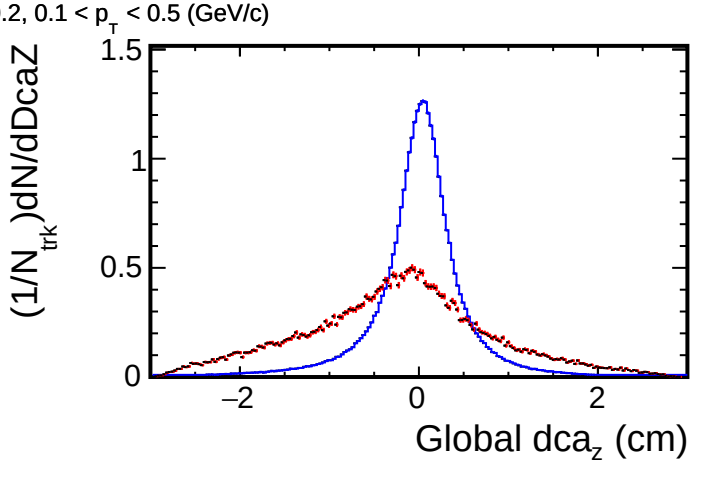
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

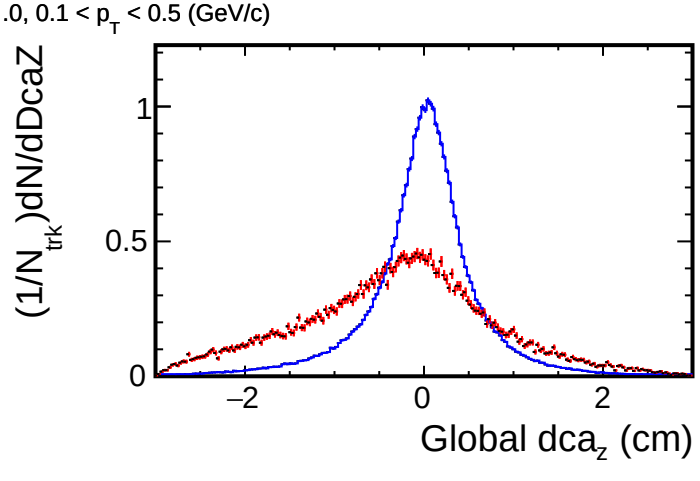
DcaZ distribution for (p_T, η) slices







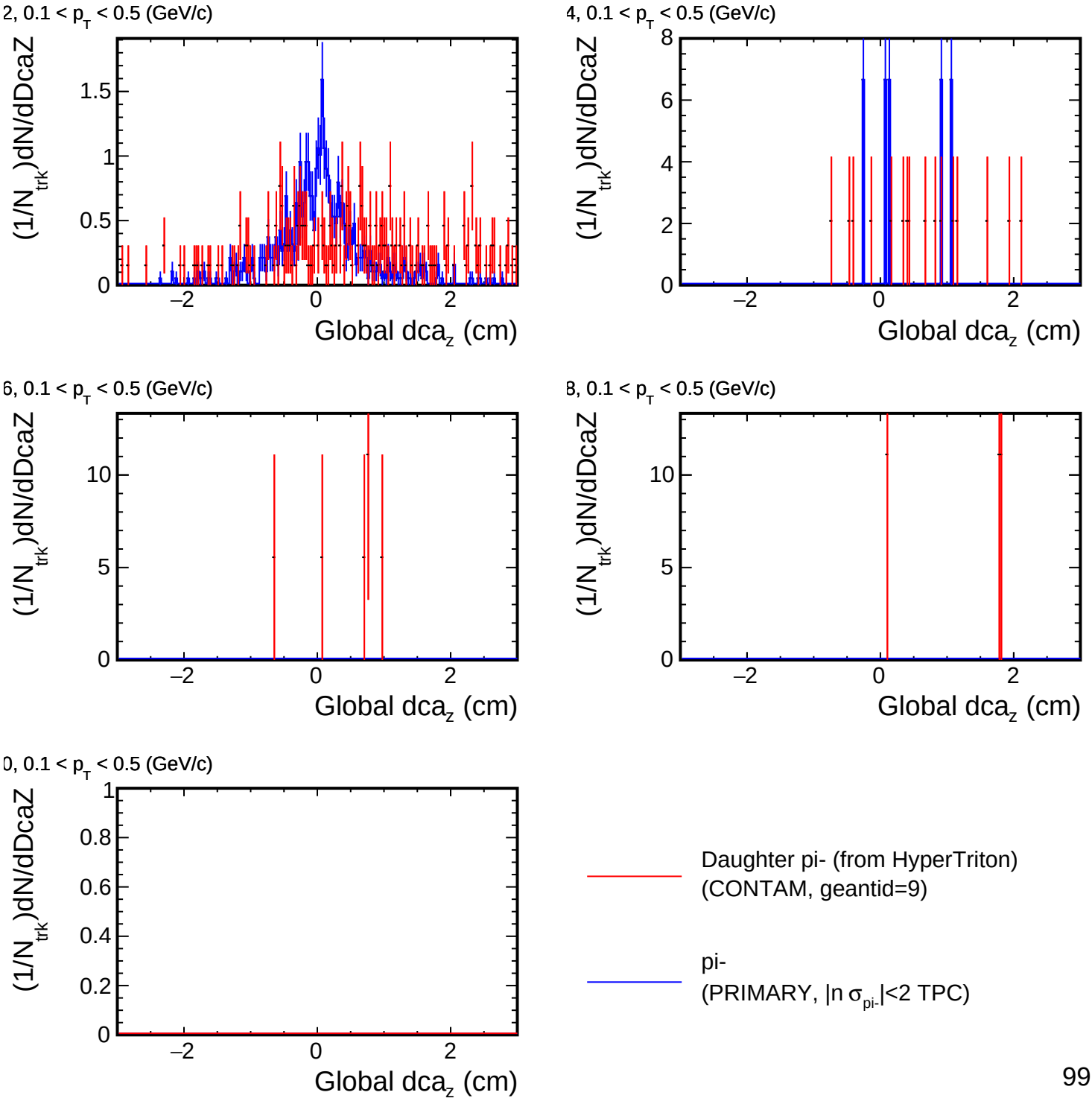




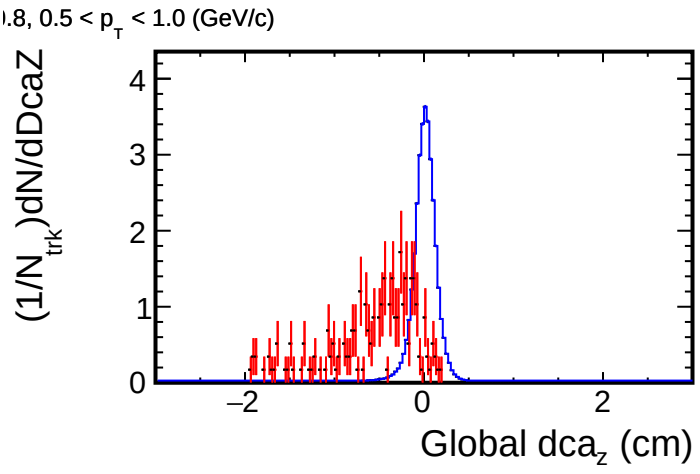
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

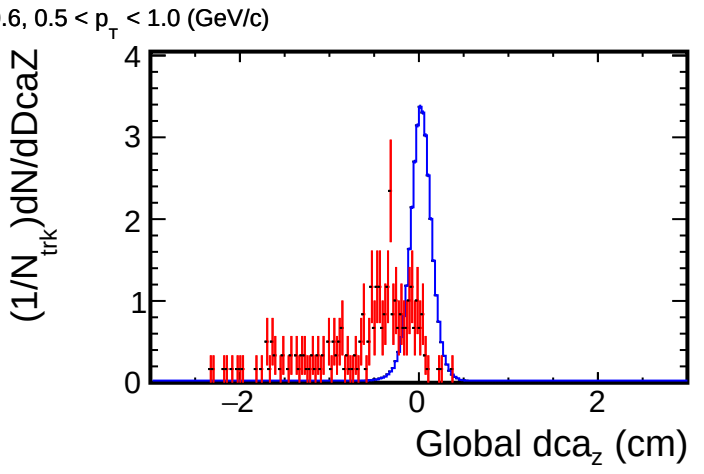
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

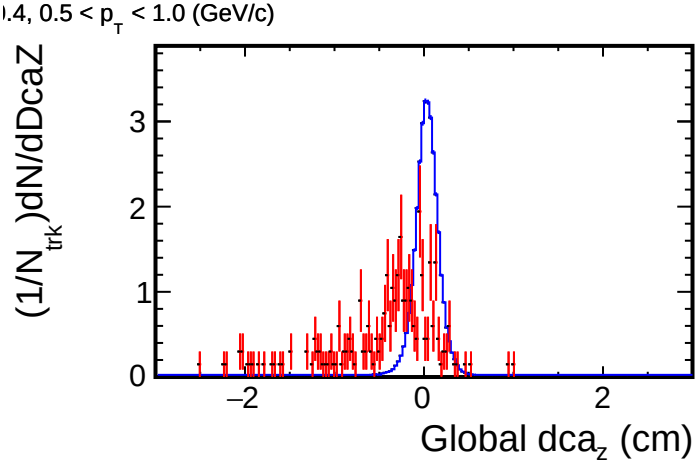
DcaZ distribution for (p_T, η) slices

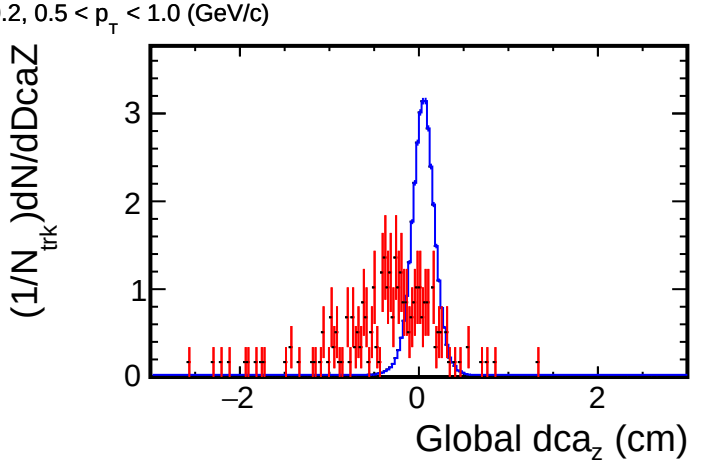


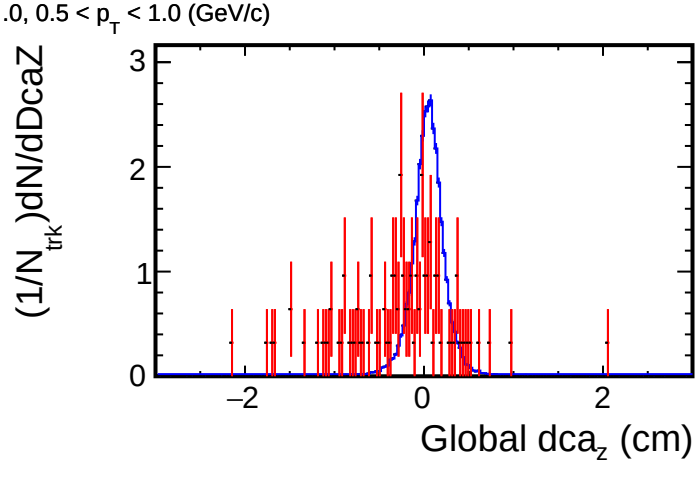
DcaZ distribution for (p_T, η) slices







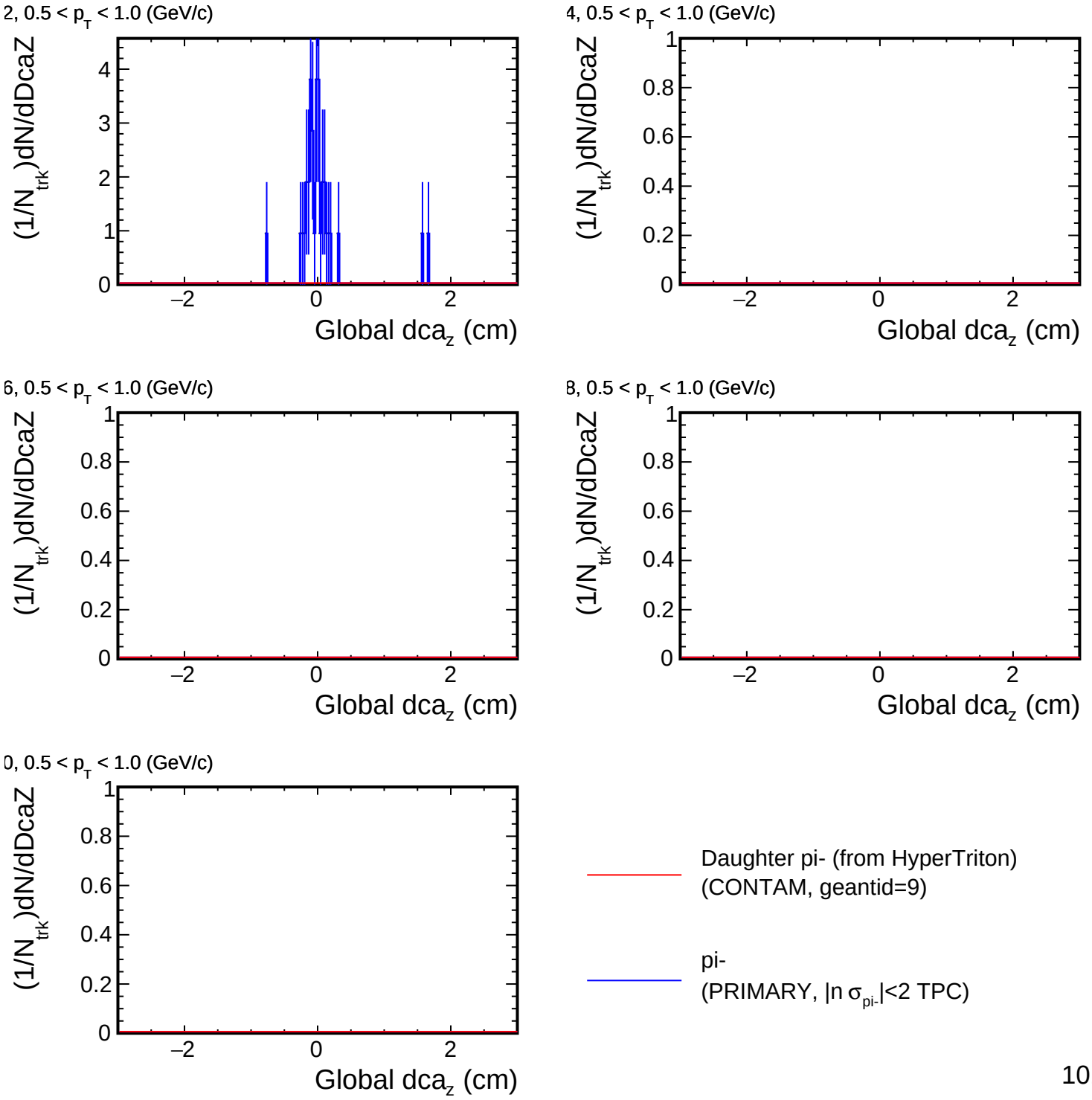




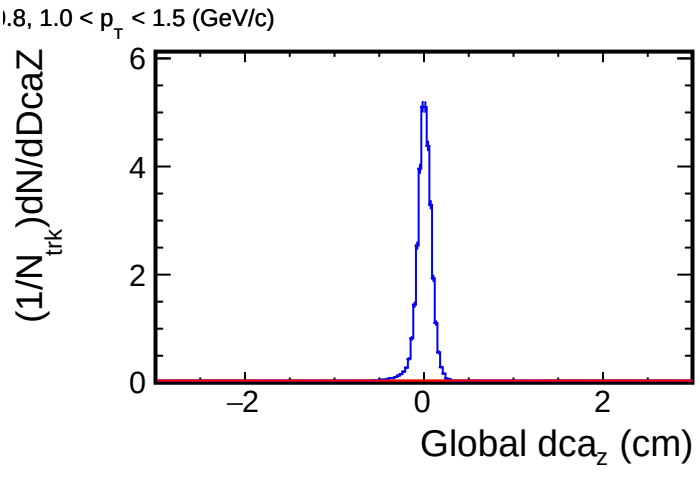
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

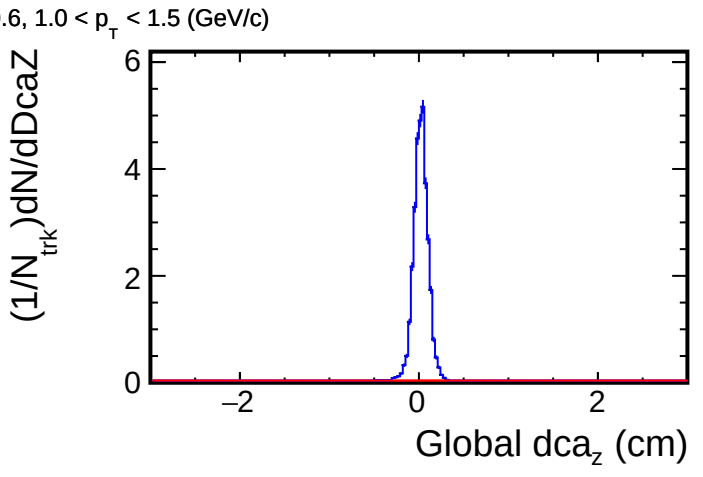
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

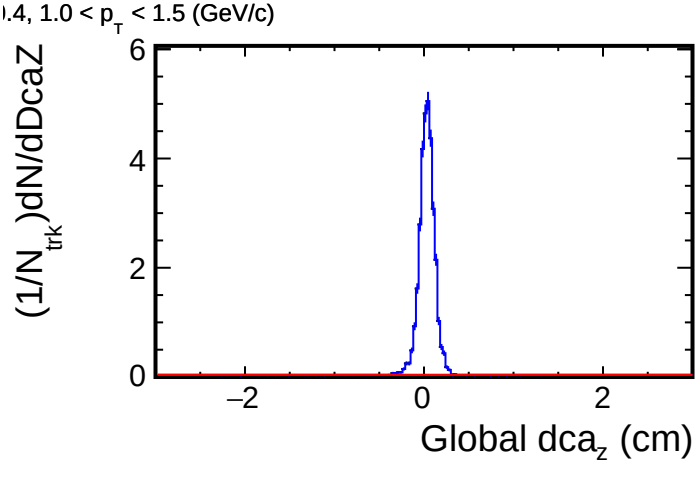
DcaZ distribution for (p_T, η) slices

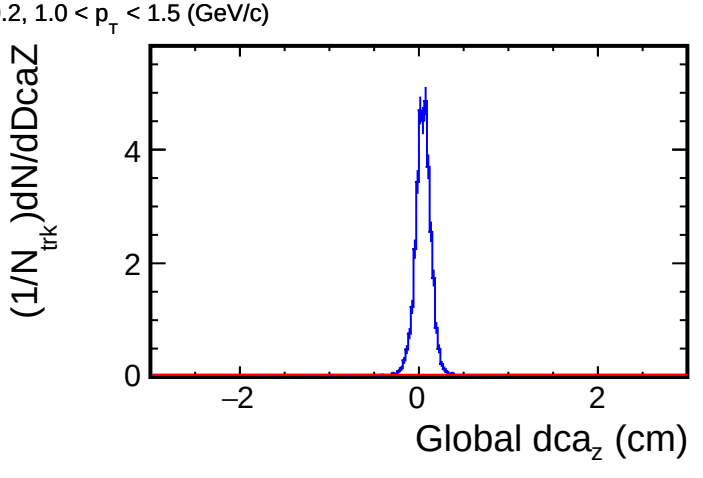


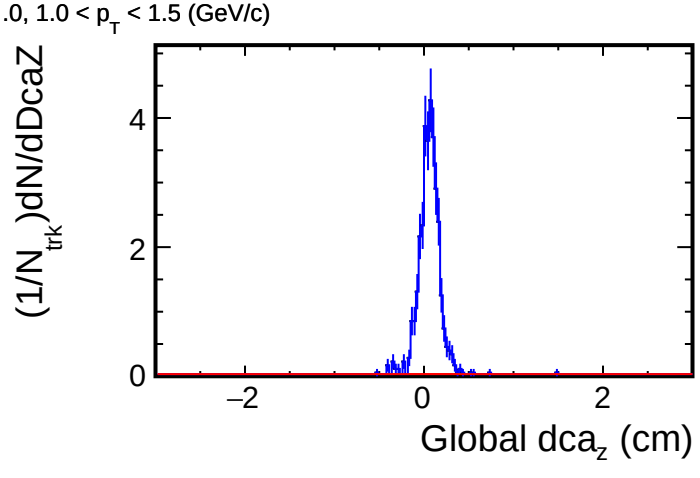
DcaZ distribution for (p_T, η) slices









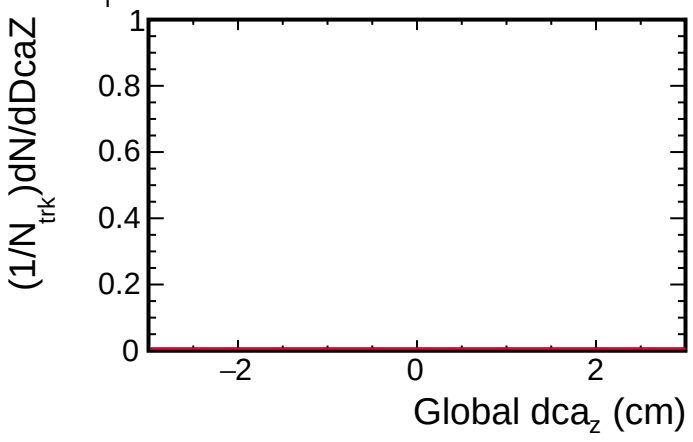


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

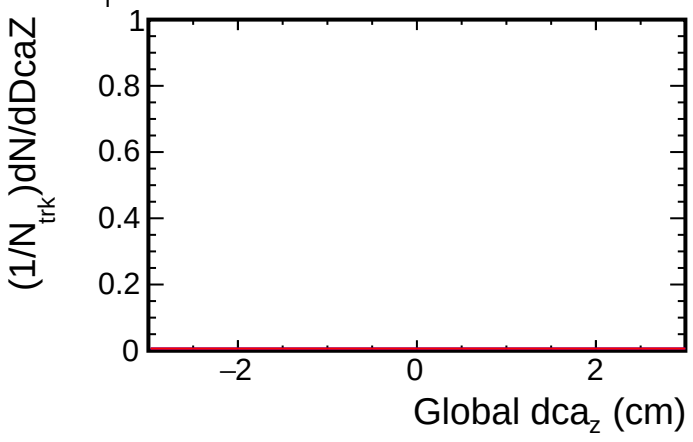
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

DcaZ distribution for (p_T, η) slices

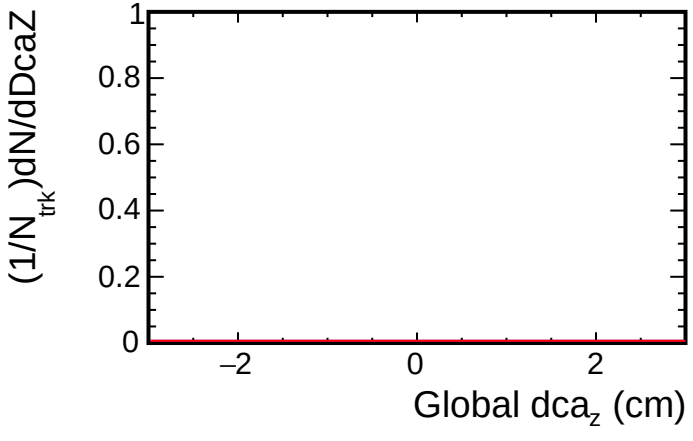
2, 1.0 < p_T < 1.5 (GeV/c)



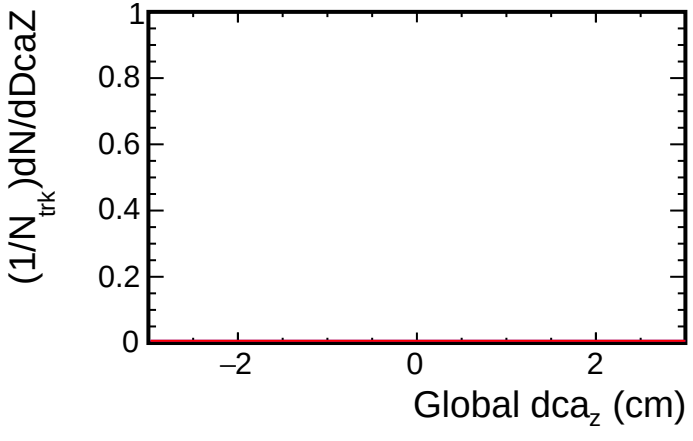
4, 1.0 < p_T < 1.5 (GeV/c)



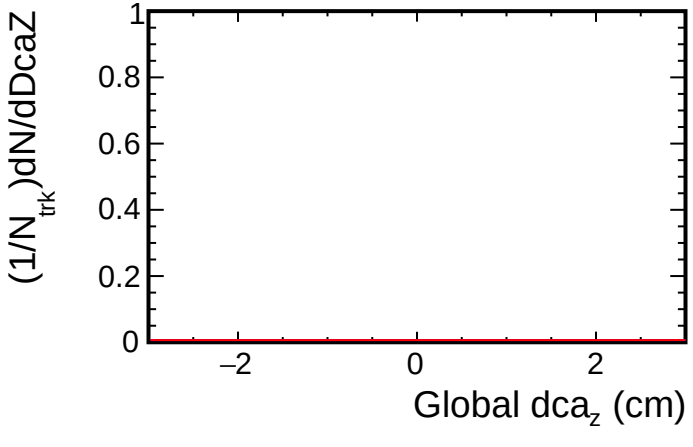
6, 1.0 < p_T < 1.5 (GeV/c)



8, 1.0 < p_T < 1.5 (GeV/c)



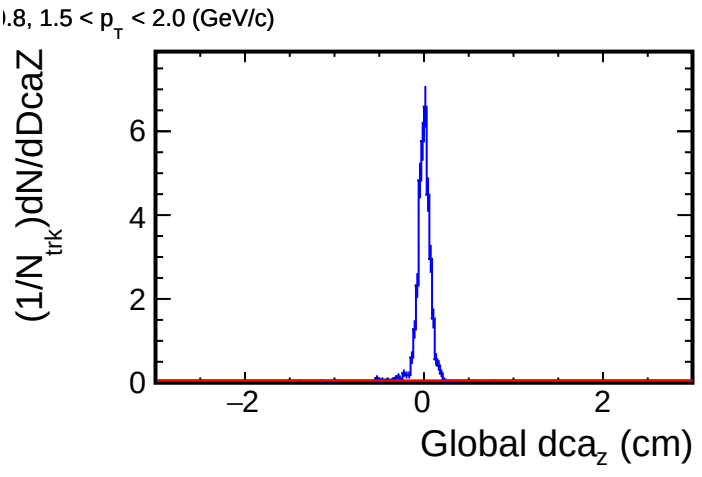
0, 1.0 < p_T < 1.5 (GeV/c)

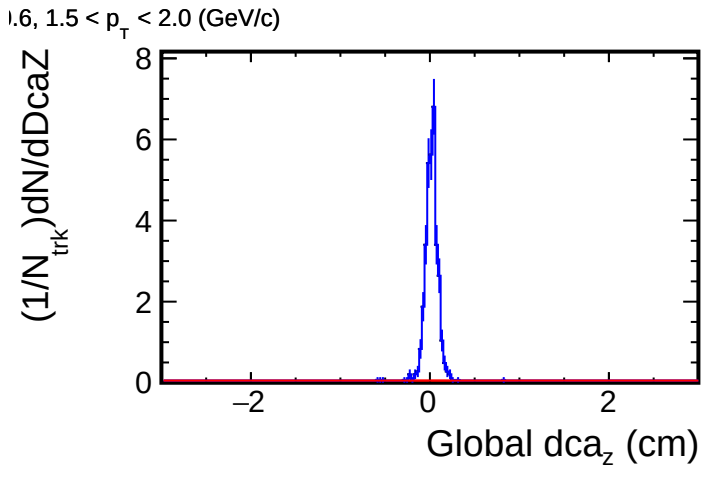


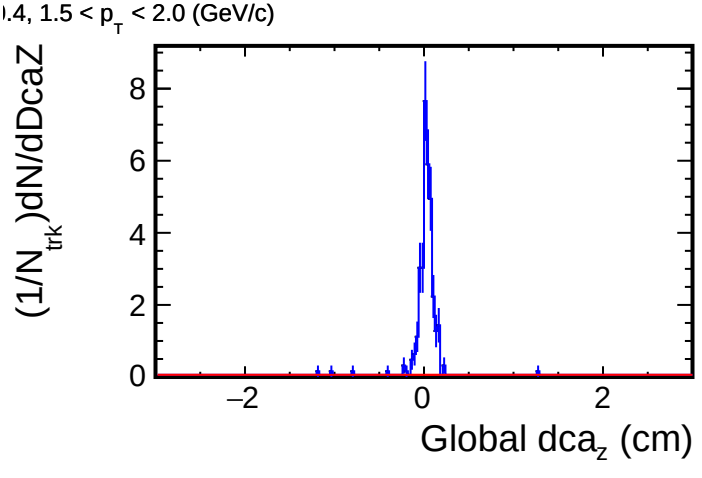
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

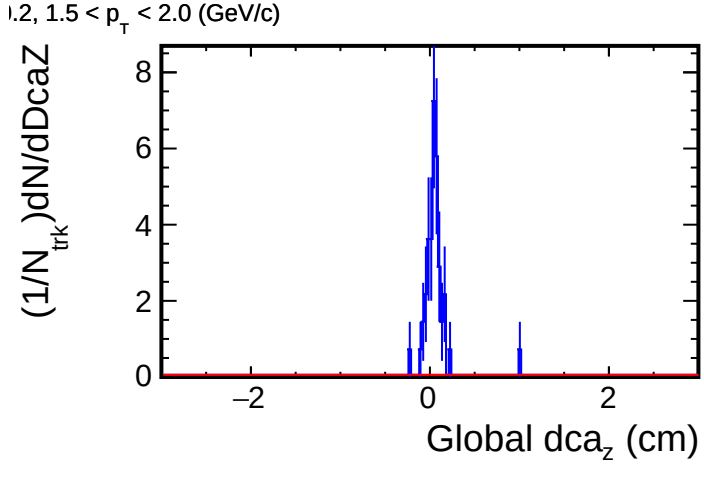
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

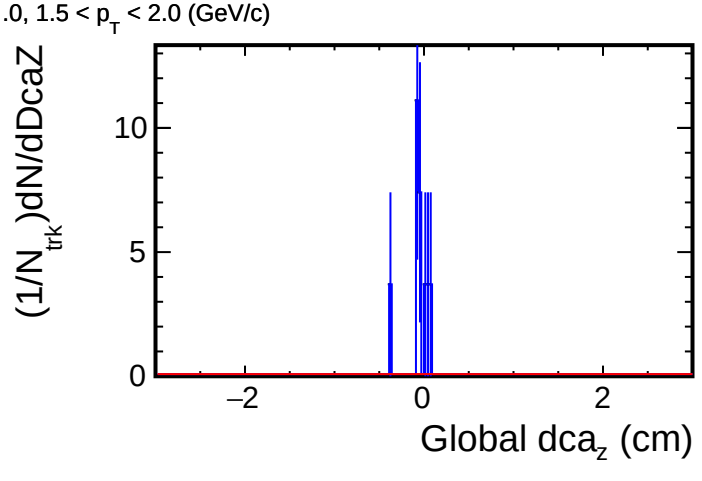
DcaZ distribution for (p_T, η) slices









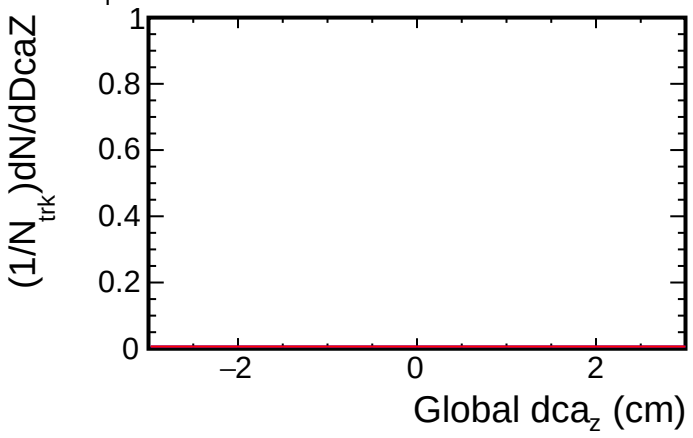


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

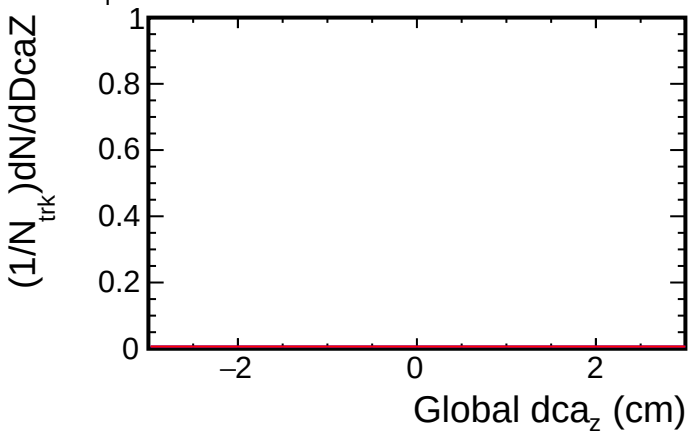
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

DcaZ distribution for (p_T, η) slices

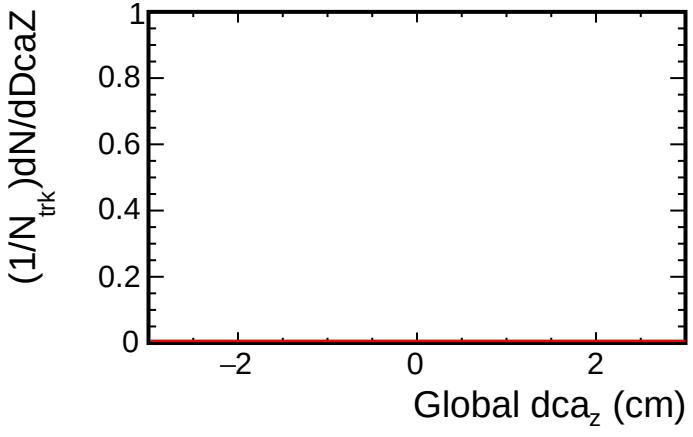
2, 1.5 < p_T < 2.0 (GeV/c)



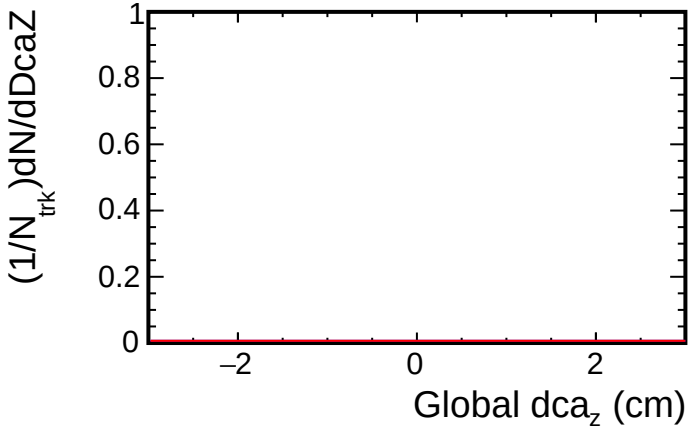
4, 1.5 < p_T < 2.0 (GeV/c)



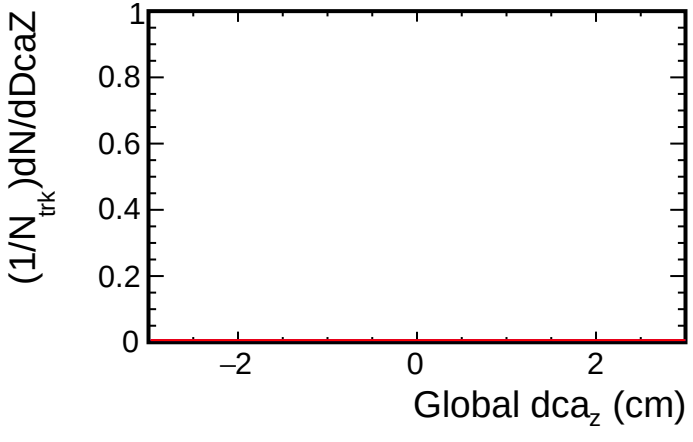
6, 1.5 < p_T < 2.0 (GeV/c)



8, 1.5 < p_T < 2.0 (GeV/c)



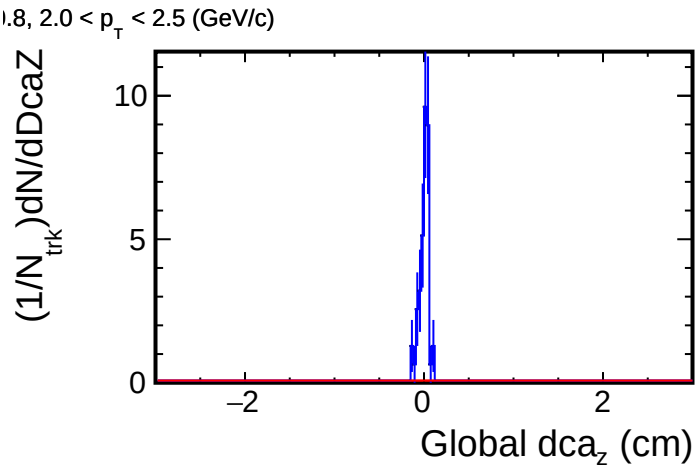
0, 1.5 < p_T < 2.0 (GeV/c)

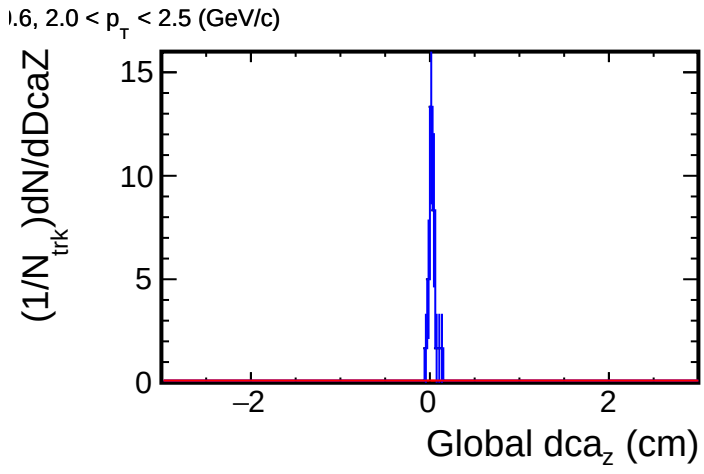


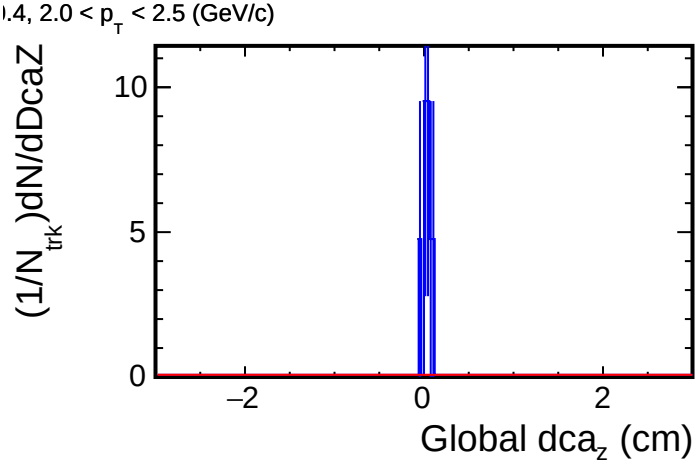
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

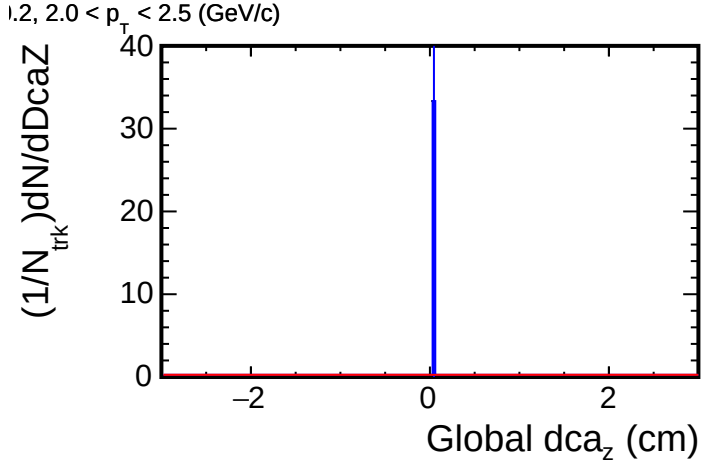
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

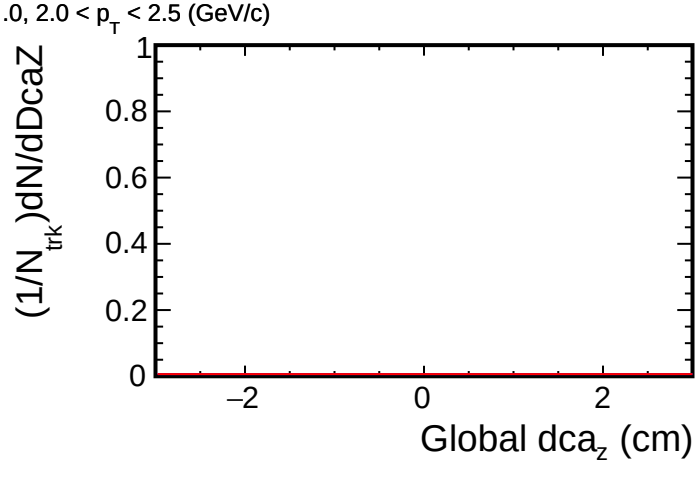
DcaZ distribution for (p_T, η) slices









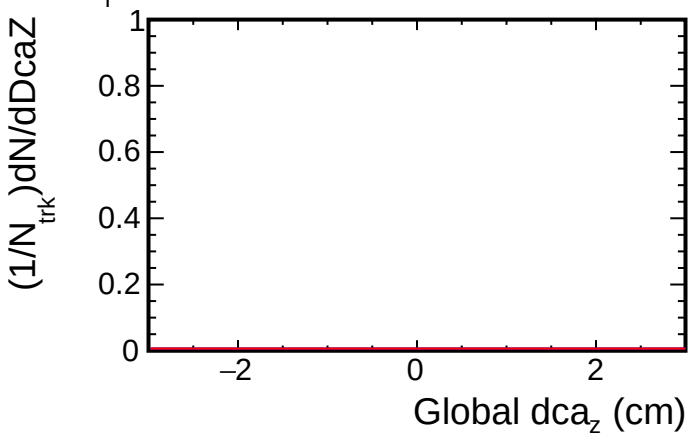


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

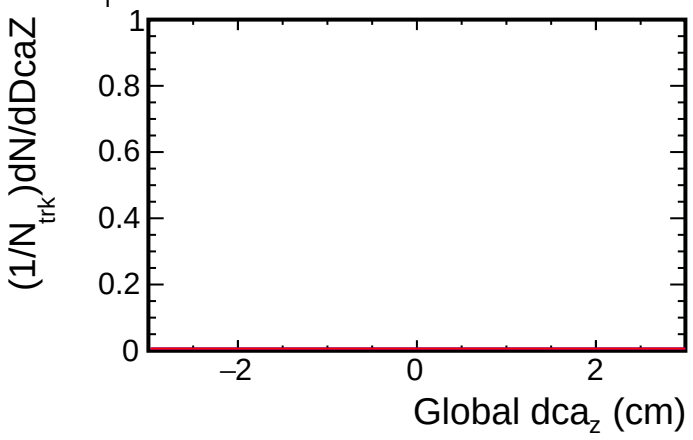
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

DcaZ distribution for (p_T, η) slices

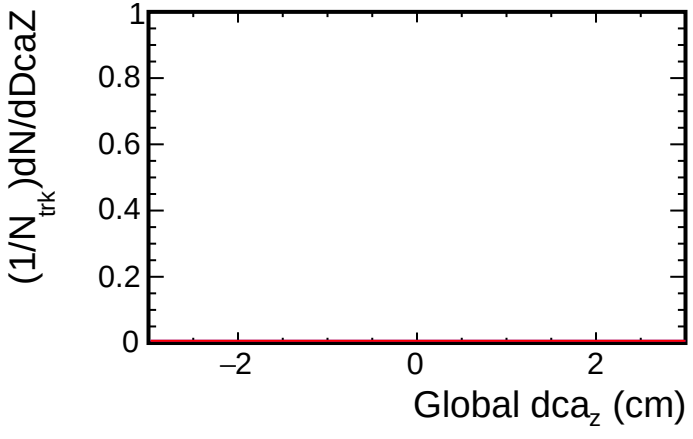
2, 2.0 < p_T < 2.5 (GeV/c)



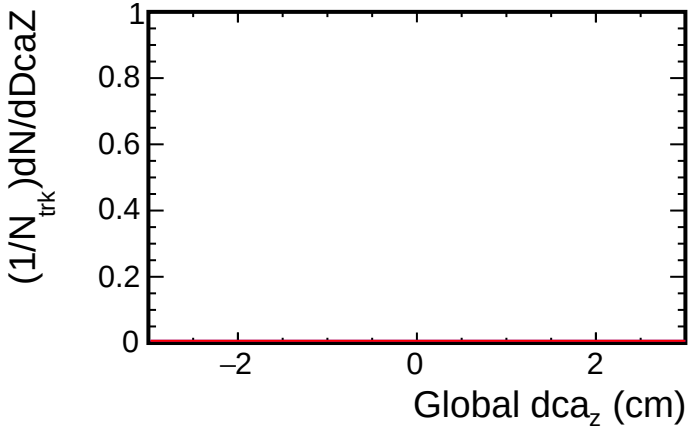
4, 2.0 < p_T < 2.5 (GeV/c)



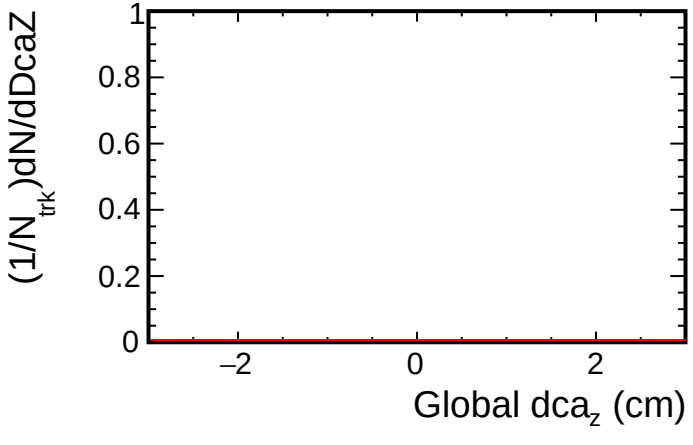
6, 2.0 < p_T < 2.5 (GeV/c)



8, 2.0 < p_T < 2.5 (GeV/c)



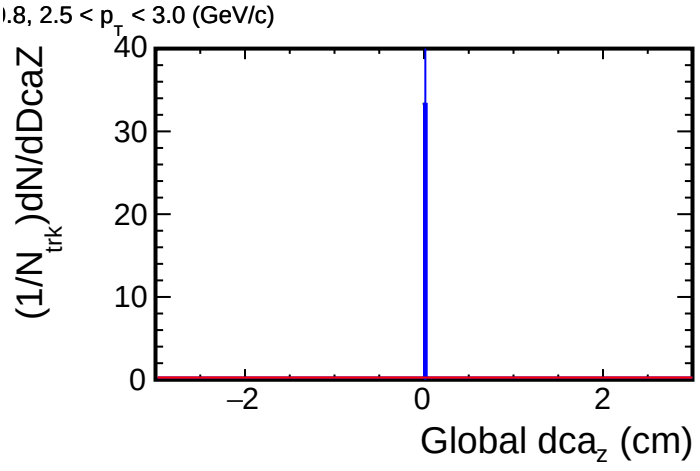
0, 2.0 < p_T < 2.5 (GeV/c)

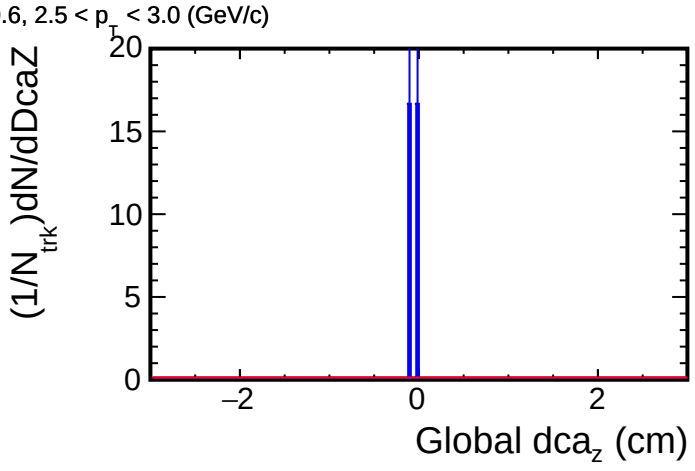


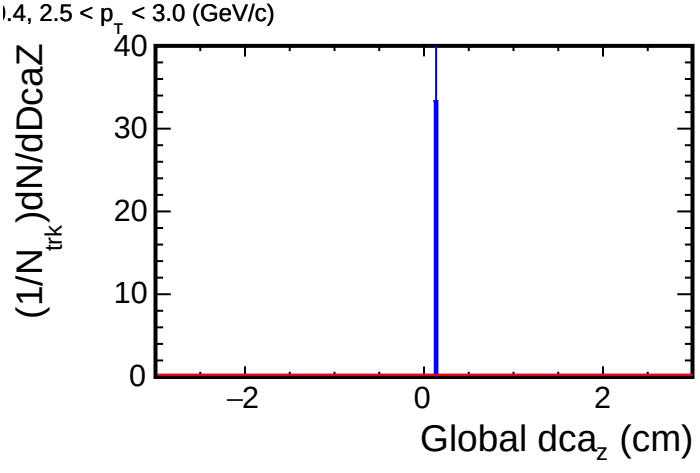
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

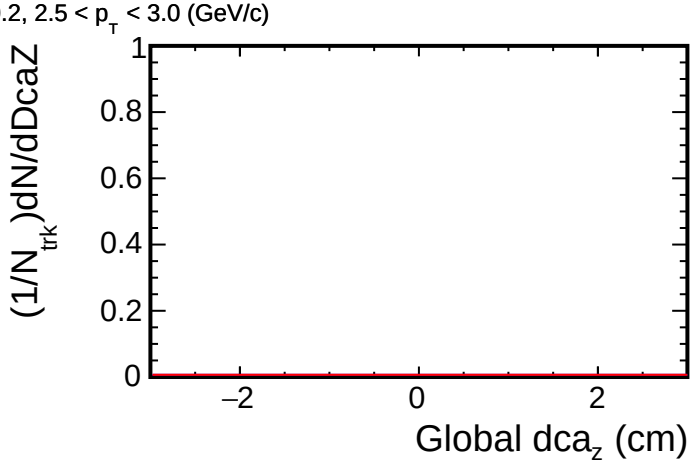
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

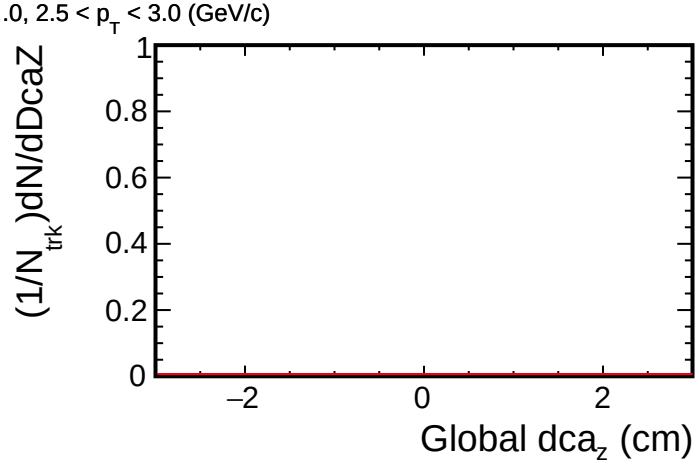
DcaZ distribution for (p_T, η) slices









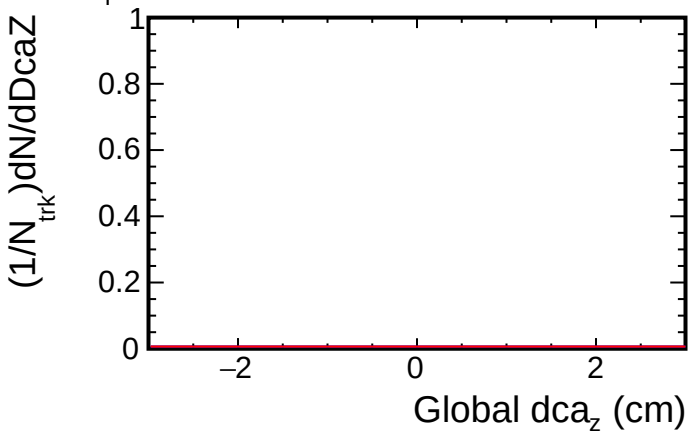


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

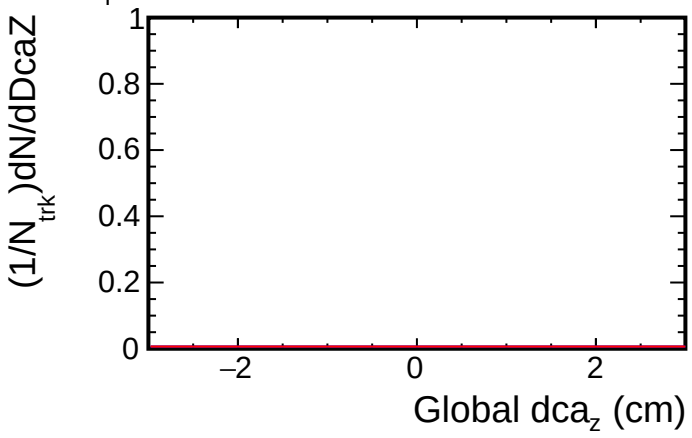
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

DcaZ distribution for (p_T, η) slices

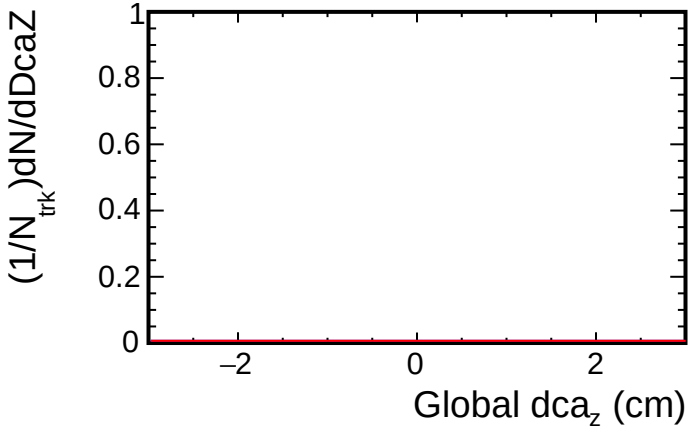
2, 2.5 < p_T < 3.0 (GeV/c)



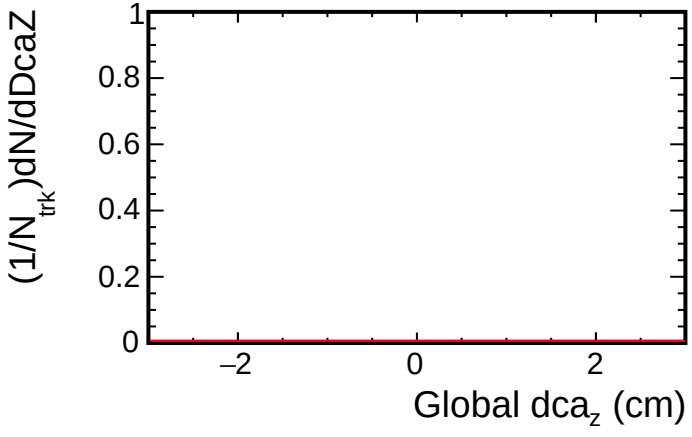
4, 2.5 < p_T < 3.0 (GeV/c)



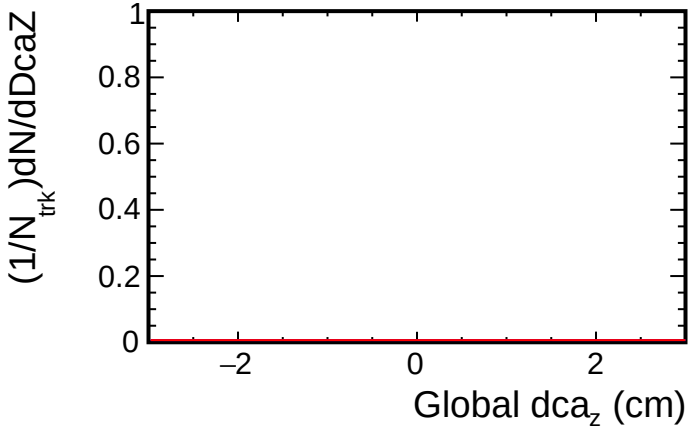
6, 2.5 < p_T < 3.0 (GeV/c)



8, 2.5 < p_T < 3.0 (GeV/c)



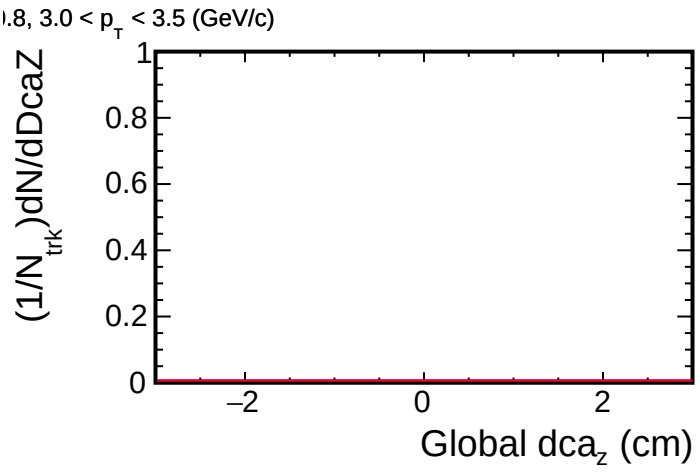
0, 2.5 < p_T < 3.0 (GeV/c)

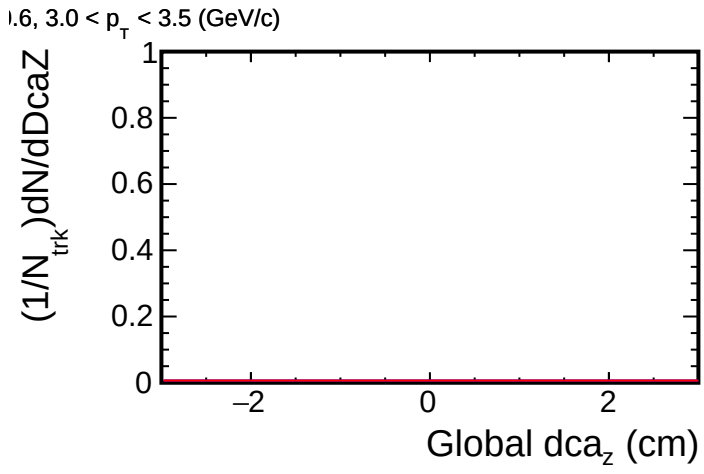


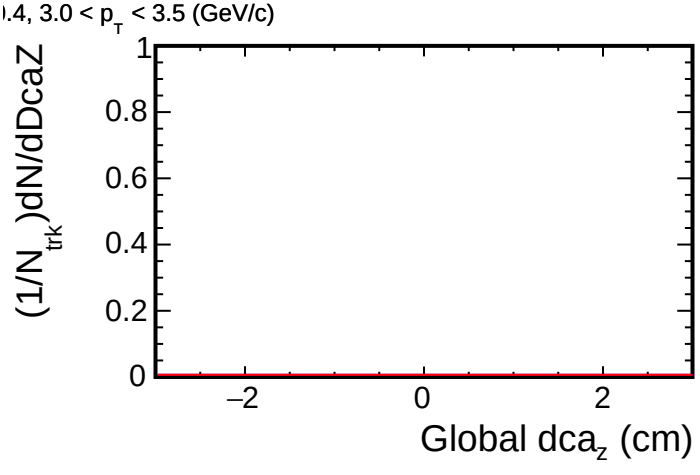
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

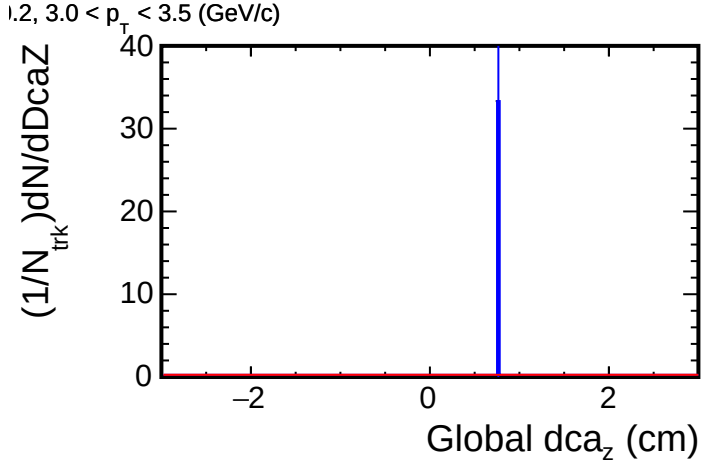
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

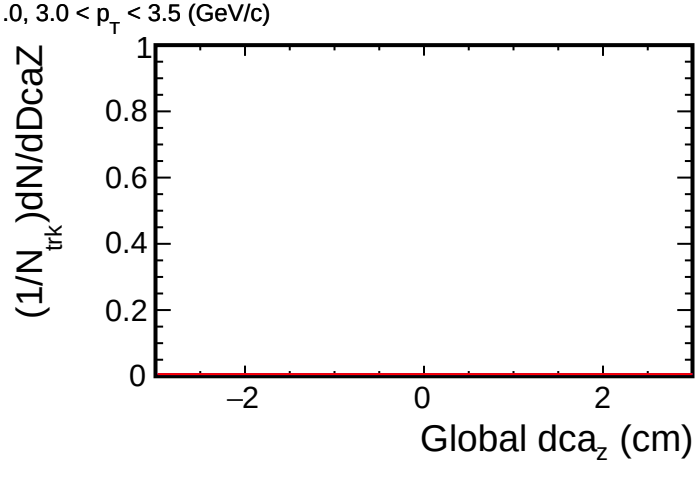
DcaZ distribution for (p_T, η) slices









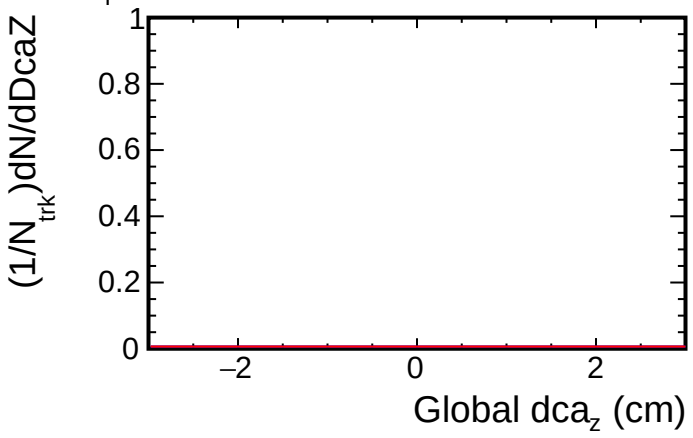


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

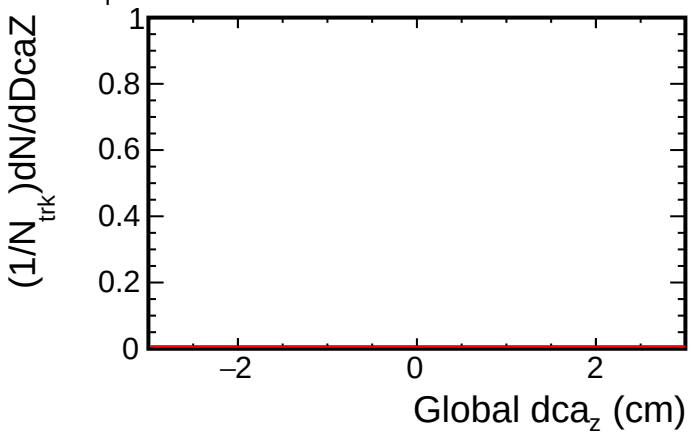
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

DcaZ distribution for (p_T, η) slices

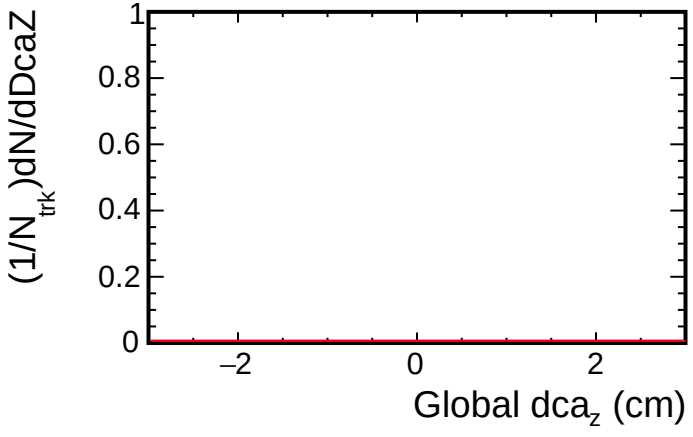
2, 3.0 < p_T < 3.5 (GeV/c)



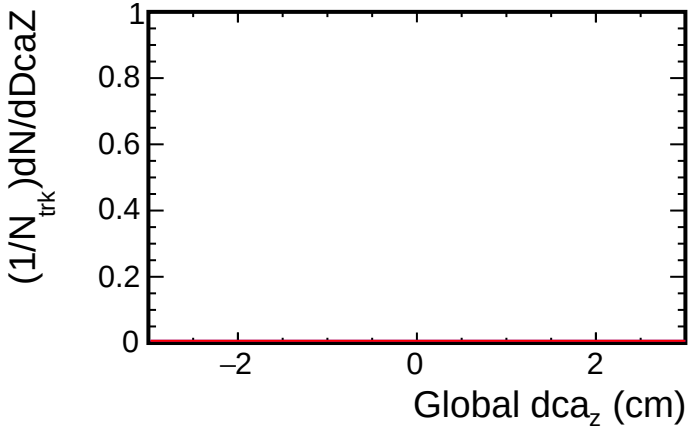
4, 3.0 < p_T < 3.5 (GeV/c)



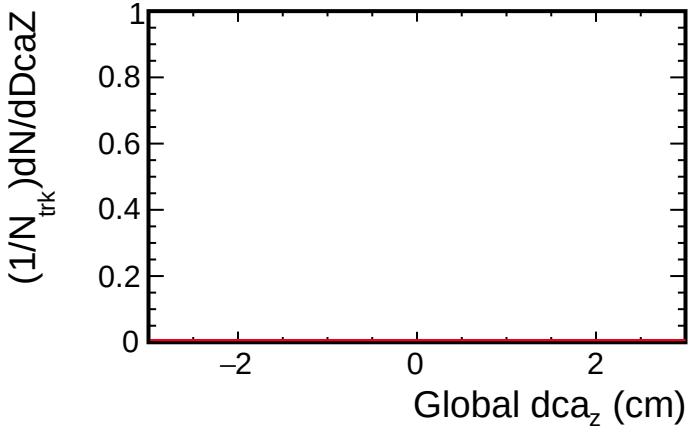
6, 3.0 < p_T < 3.5 (GeV/c)



8, 3.0 < p_T < 3.5 (GeV/c)



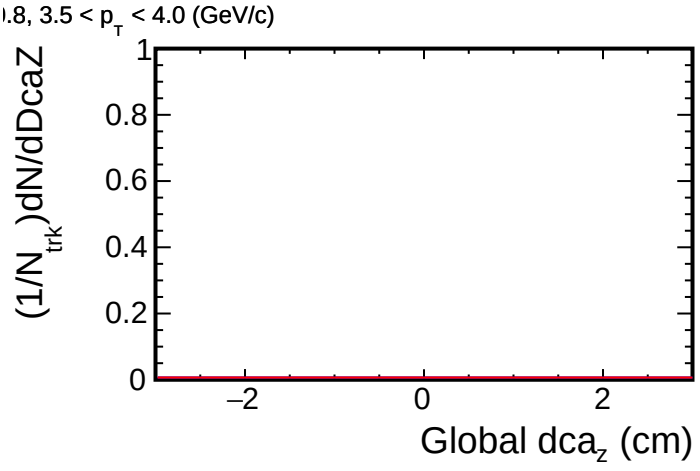
0, 3.0 < p_T < 3.5 (GeV/c)

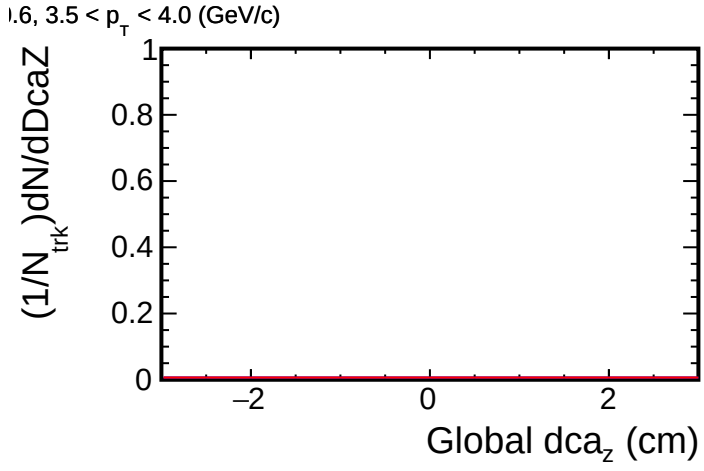


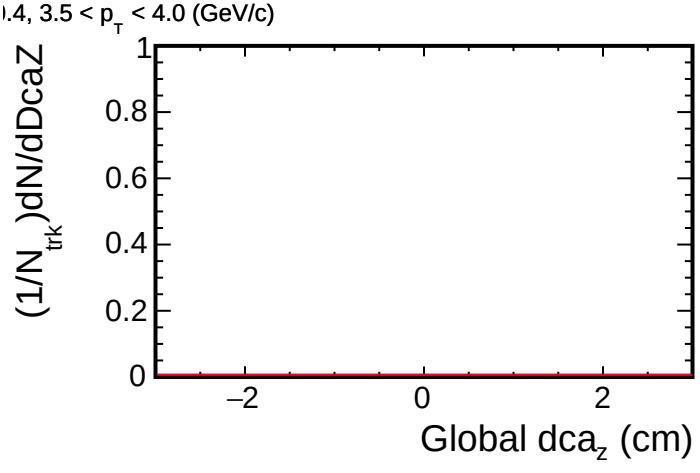
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

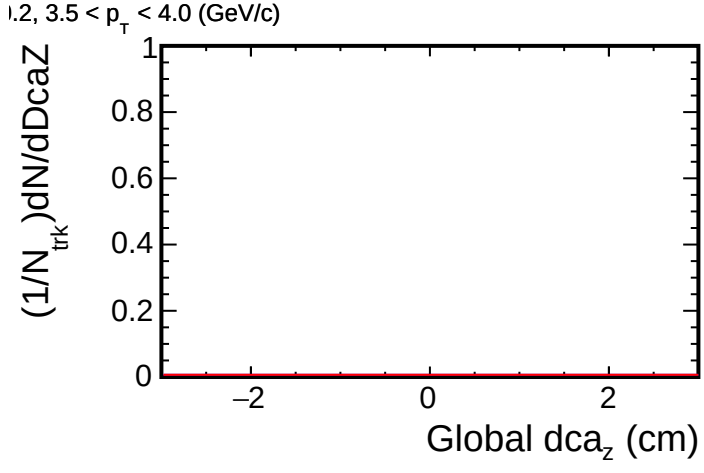
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

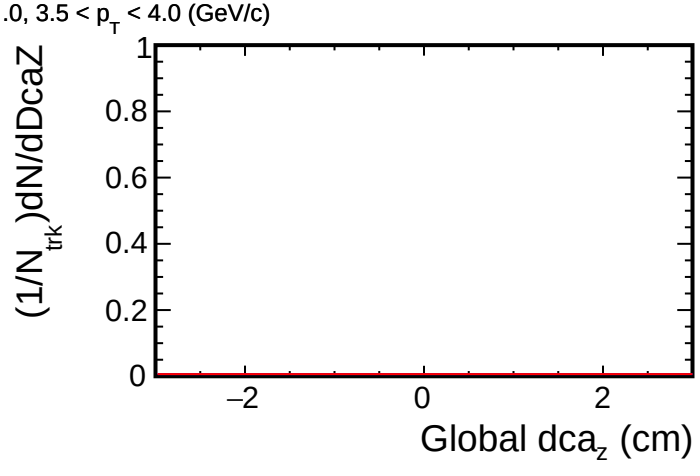
DcaZ distribution for (p_T, η) slices









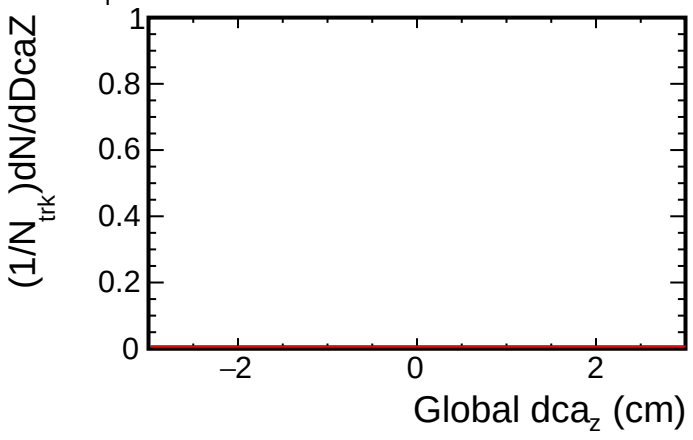


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

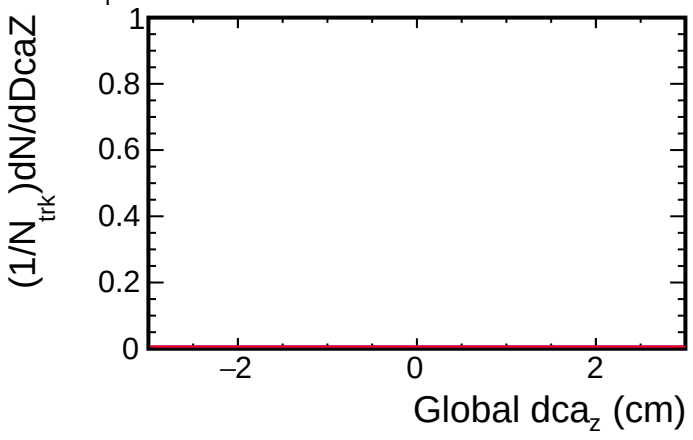
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

DcaZ distribution for (p_T, η) slices

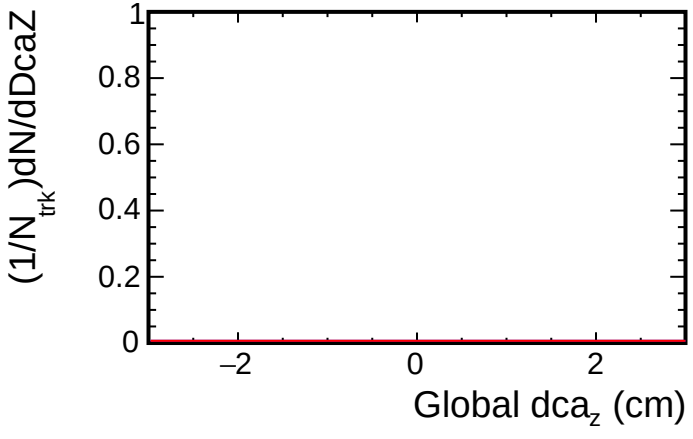
2, 3.5 < p_T < 4.0 (GeV/c)



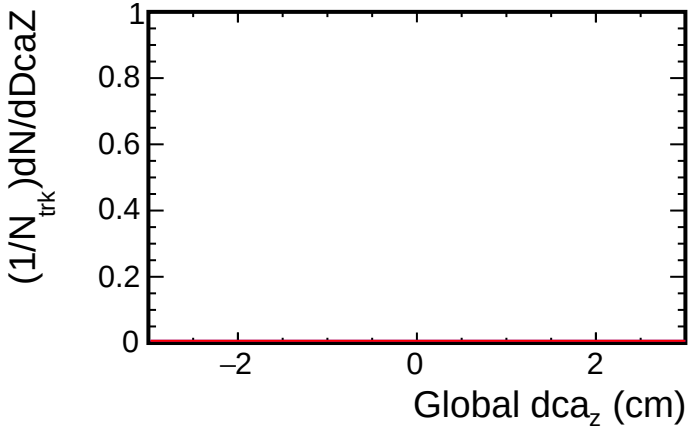
4, 3.5 < p_T < 4.0 (GeV/c)



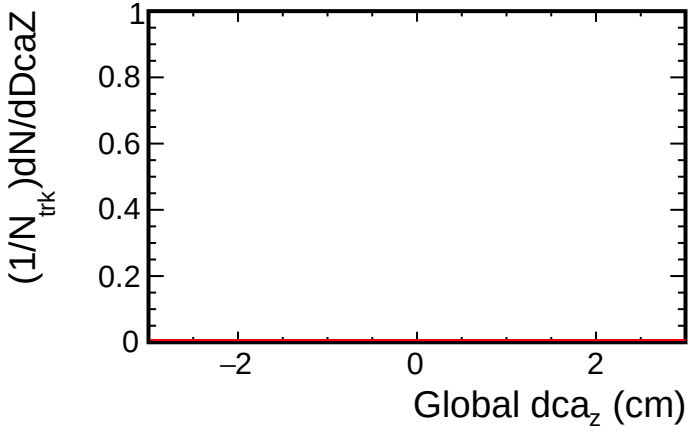
6, 3.5 < p_T < 4.0 (GeV/c)



8, 3.5 < p_T < 4.0 (GeV/c)



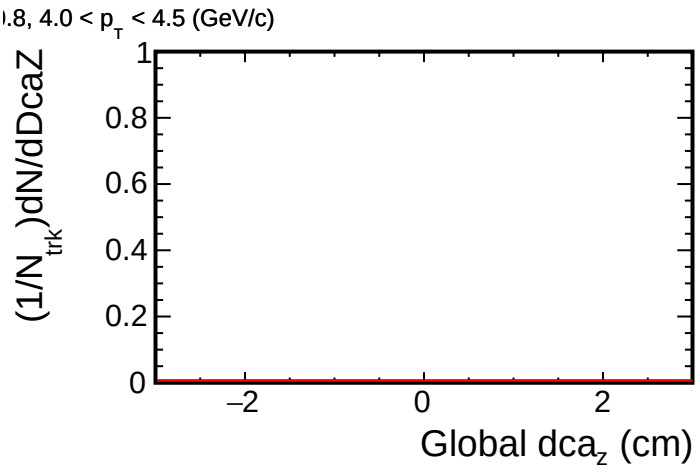
0, 3.5 < p_T < 4.0 (GeV/c)

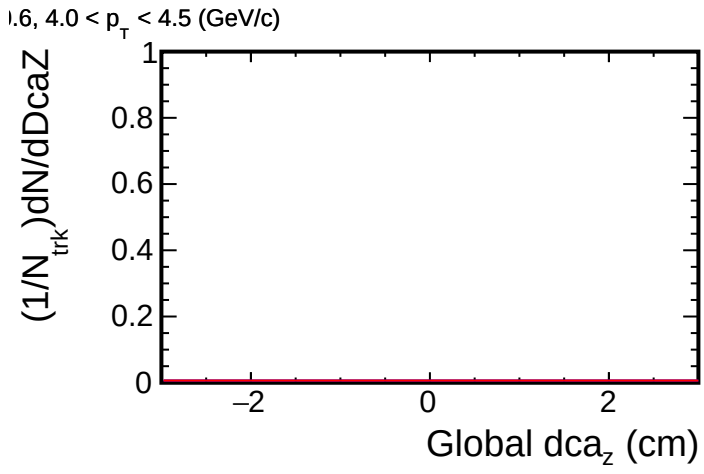


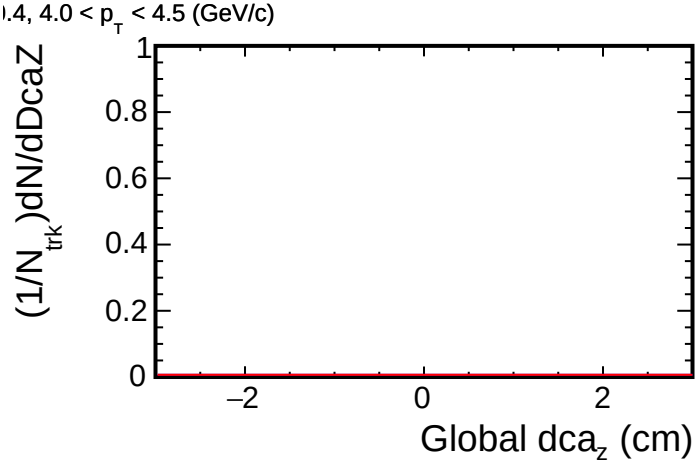
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

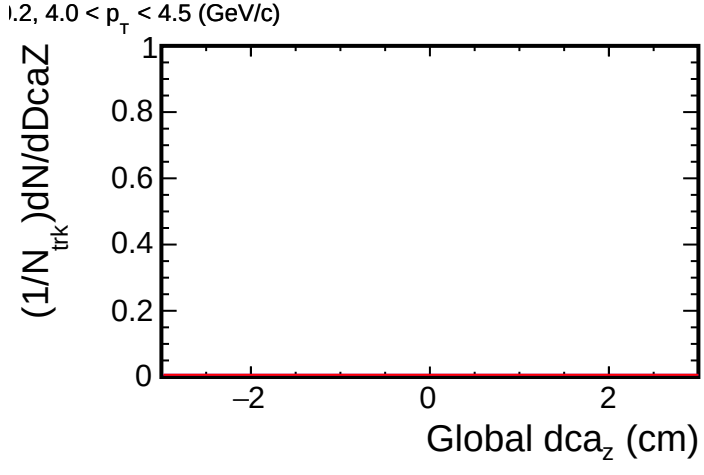
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

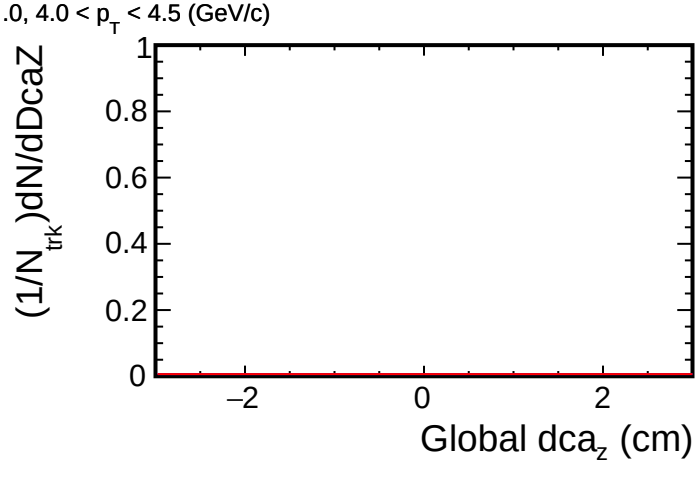
DcaZ distribution for (p_T, η) slices









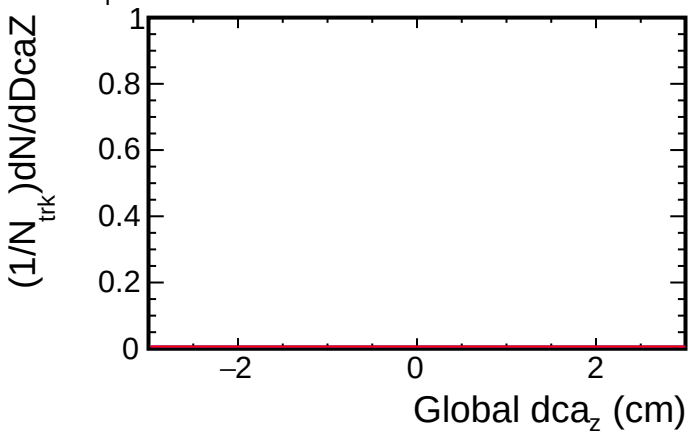


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

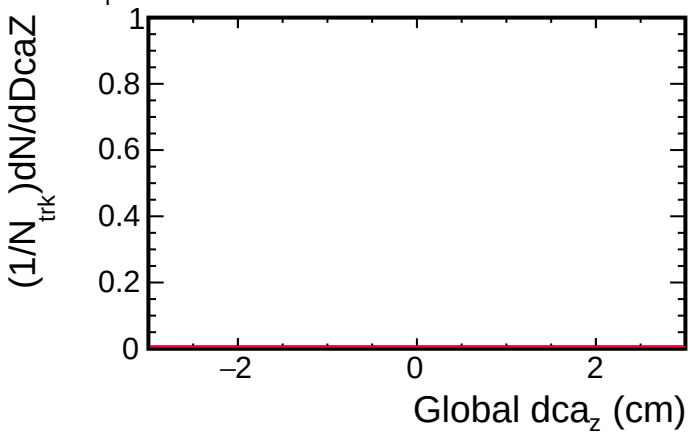
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

DcaZ distribution for (p_T, η) slices

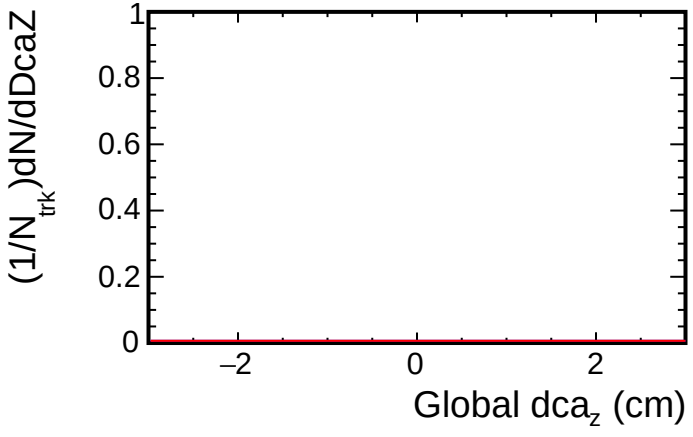
2, 4.0 < p_T < 4.5 (GeV/c)



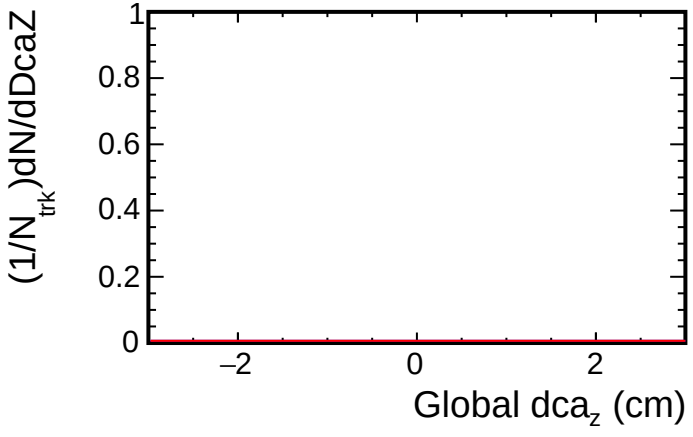
4, 4.0 < p_T < 4.5 (GeV/c)



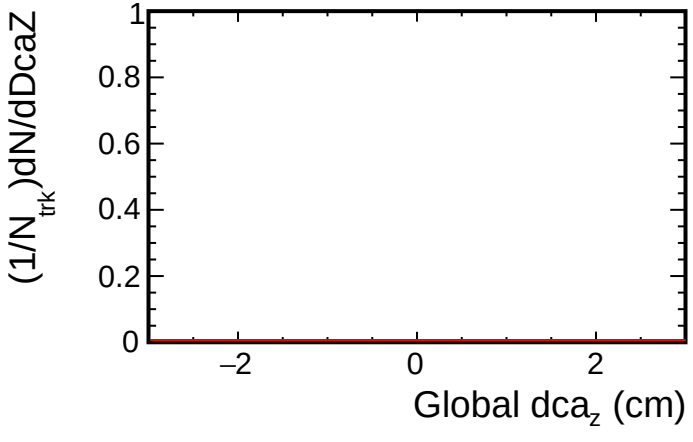
6, 4.0 < p_T < 4.5 (GeV/c)



8, 4.0 < p_T < 4.5 (GeV/c)



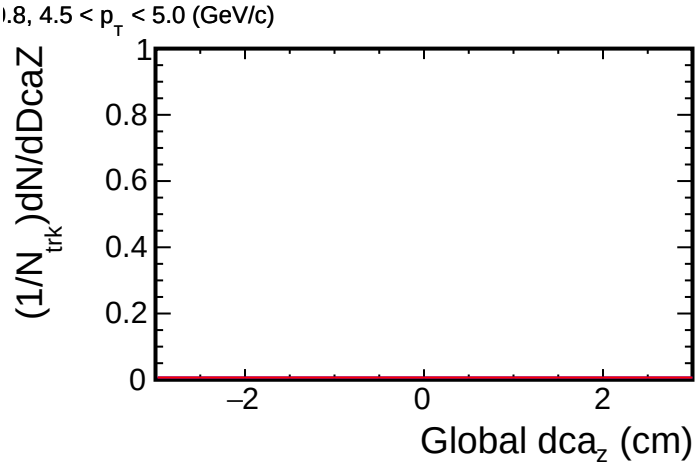
0, 4.0 < p_T < 4.5 (GeV/c)

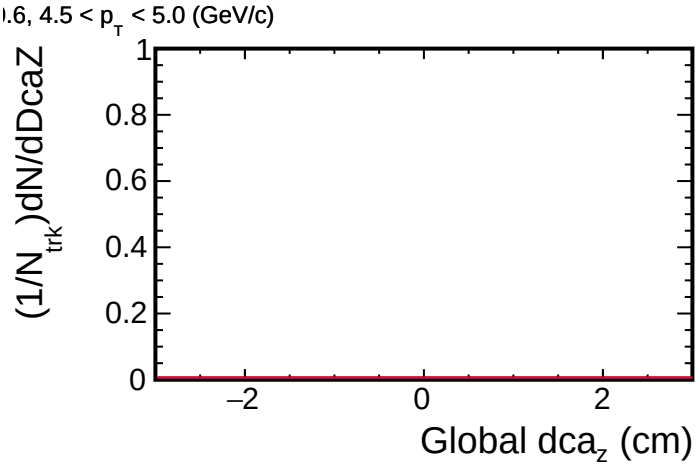


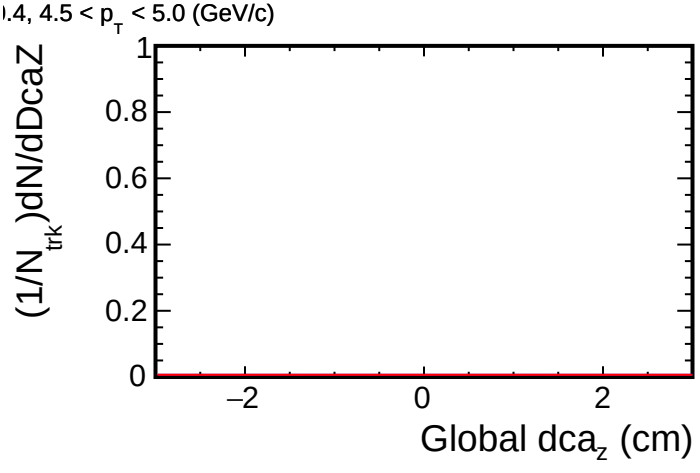
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

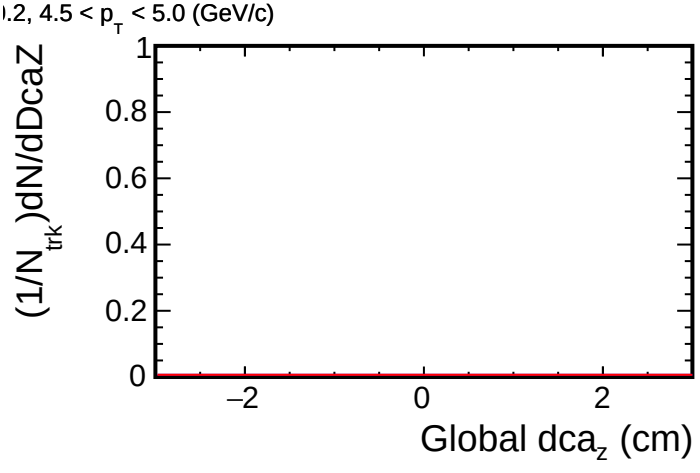
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

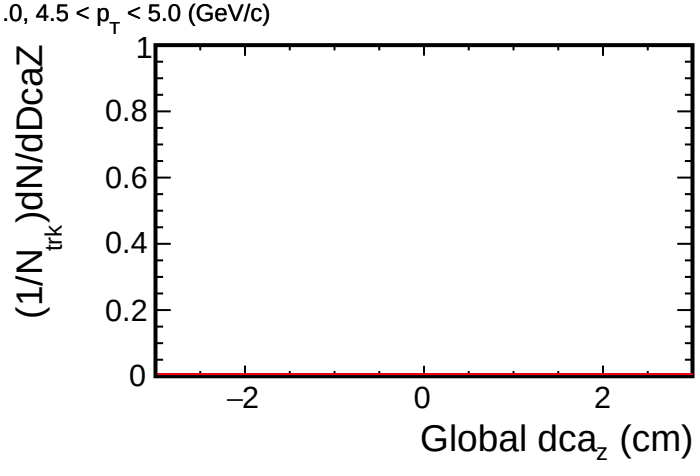
DcaZ distribution for (p_T, η) slices









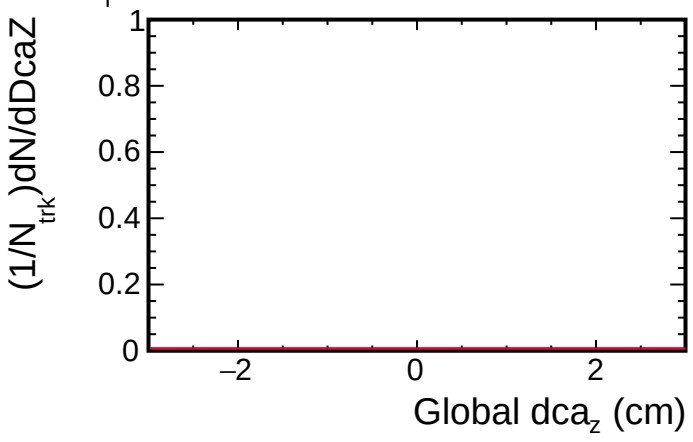


Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

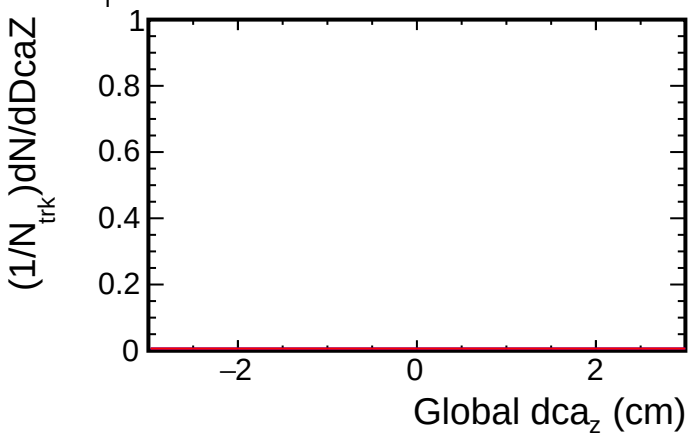
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

DcaZ distribution for (p_T, η) slices

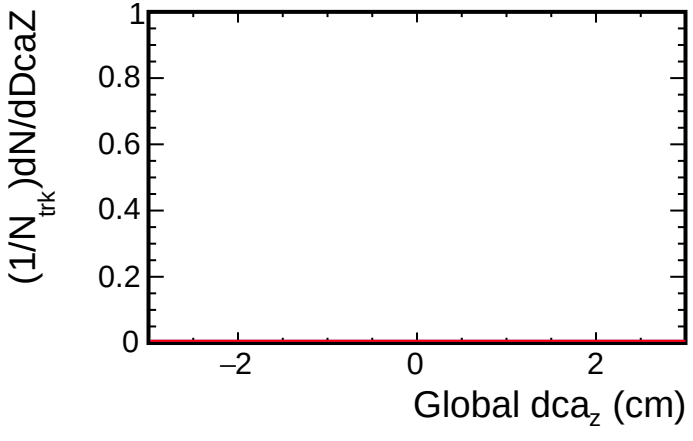
2, 4.5 < p_T < 5.0 (GeV/c)



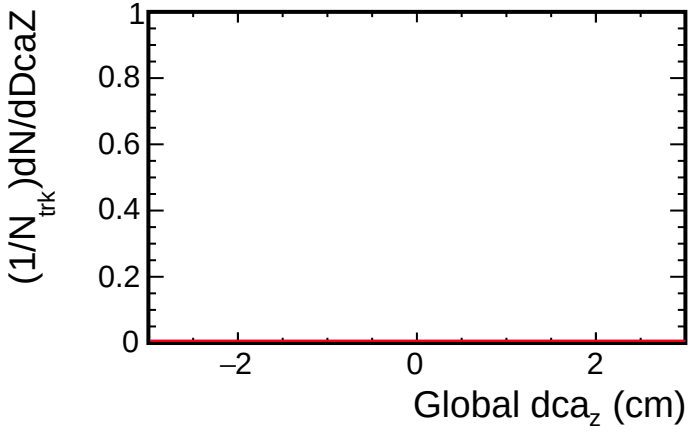
4, 4.5 < p_T < 5.0 (GeV/c)



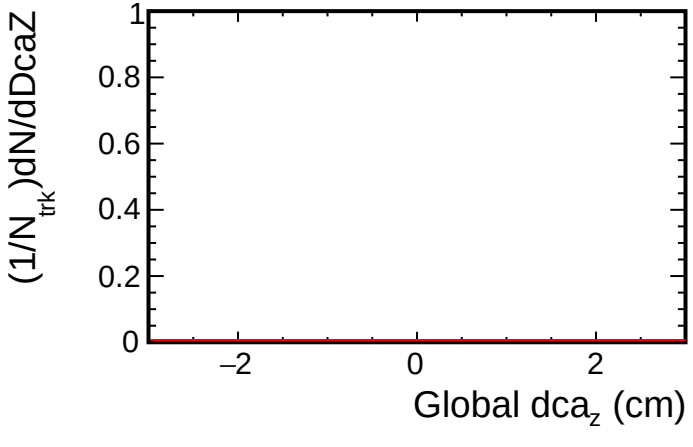
6, 4.5 < p_T < 5.0 (GeV/c)



8, 4.5 < p_T < 5.0 (GeV/c)



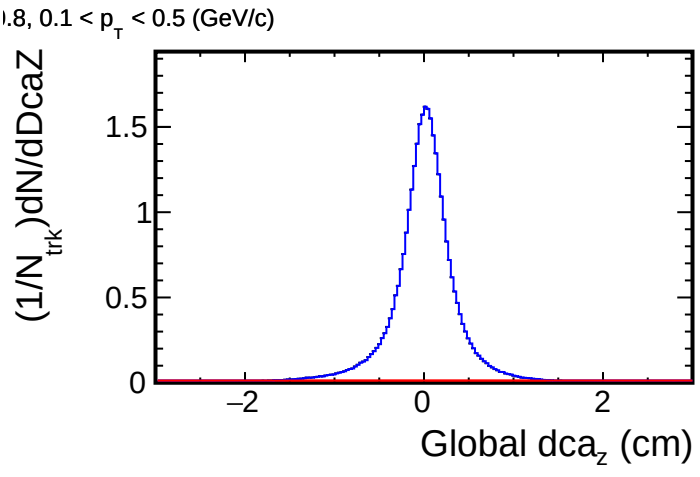
0, 4.5 < p_T < 5.0 (GeV/c)

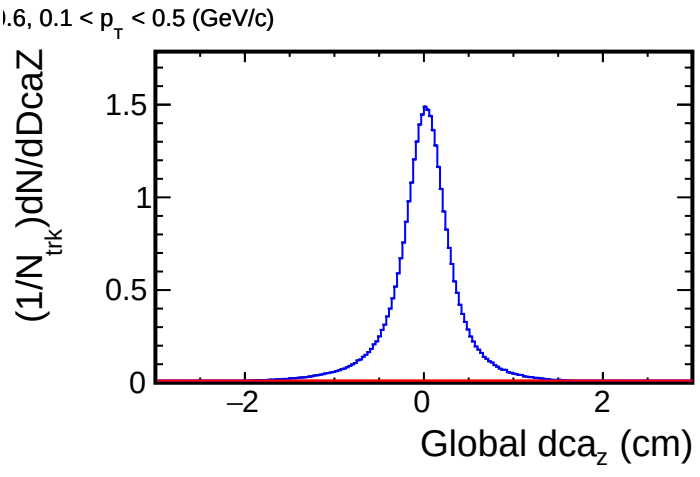


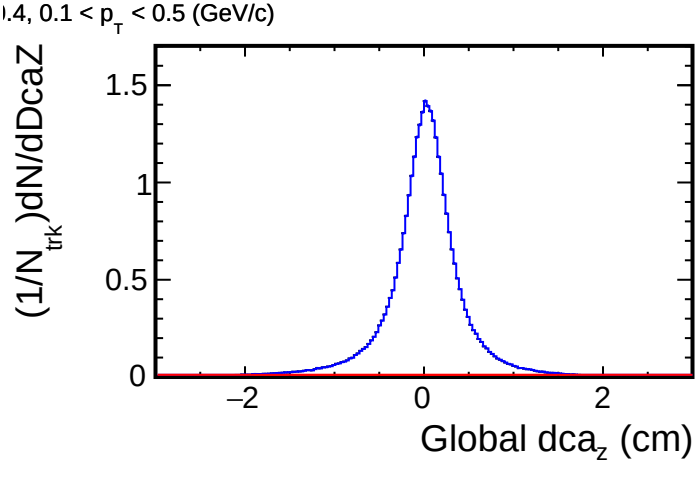
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

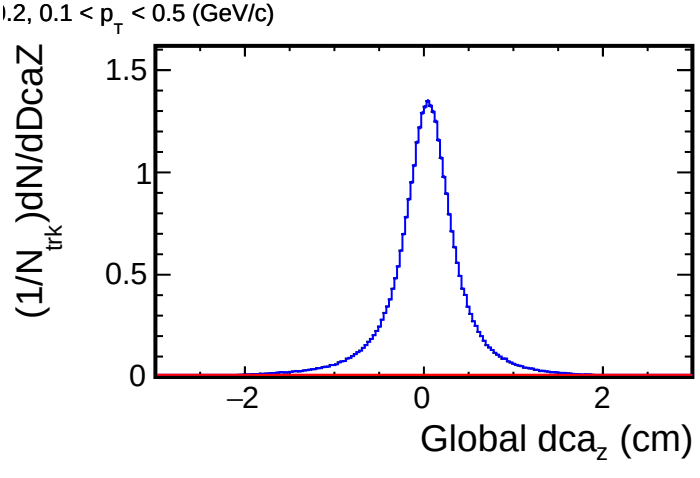
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

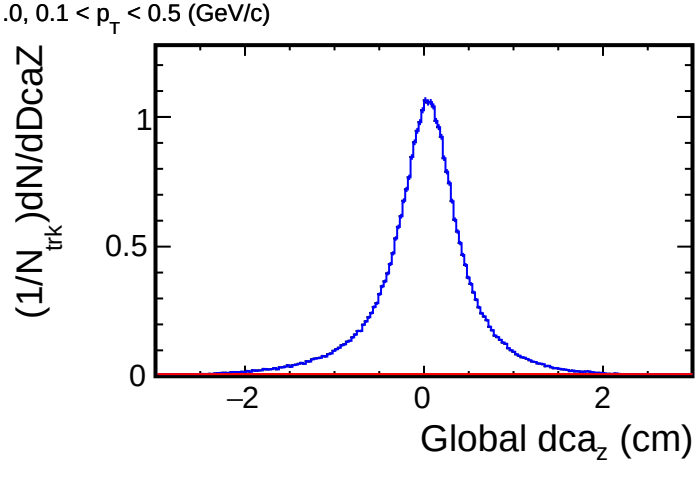
DcaZ distribution for (p_T, η) slices







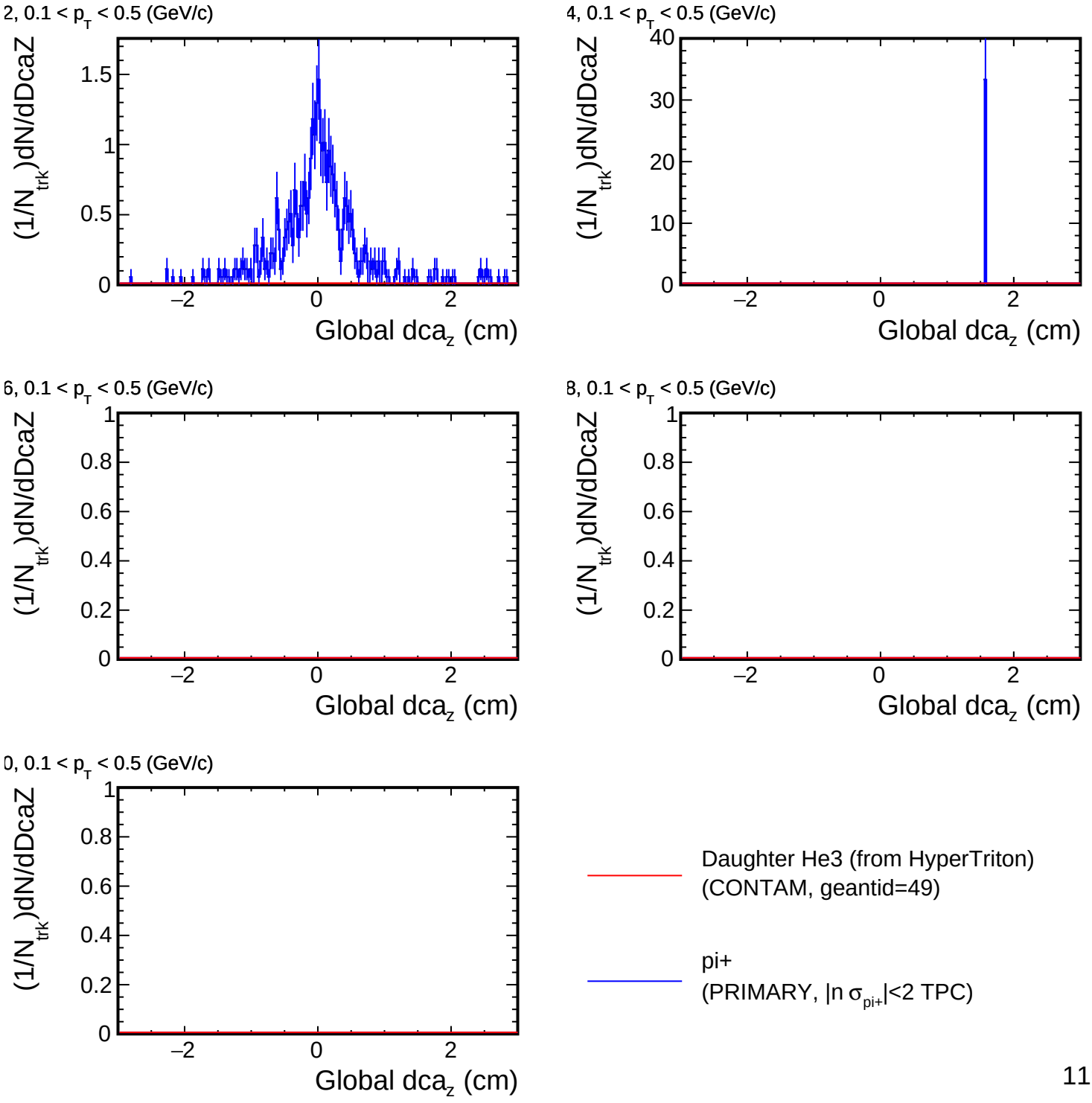




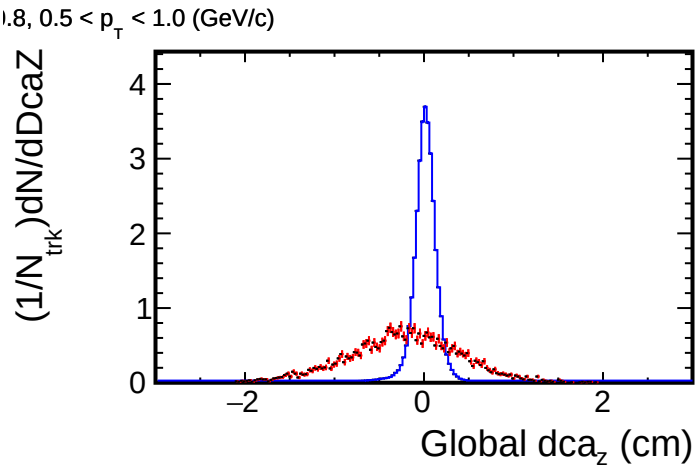
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

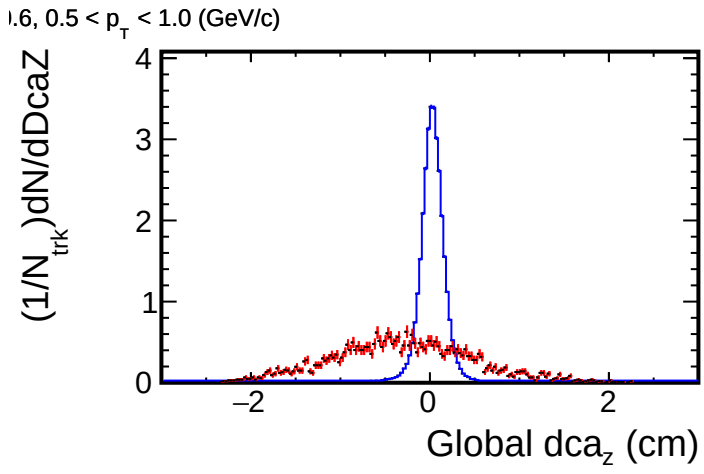
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

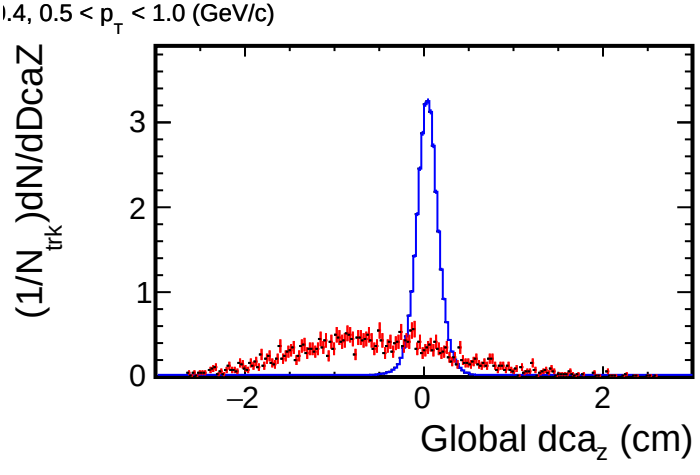
DcaZ distribution for (p_T, η) slices

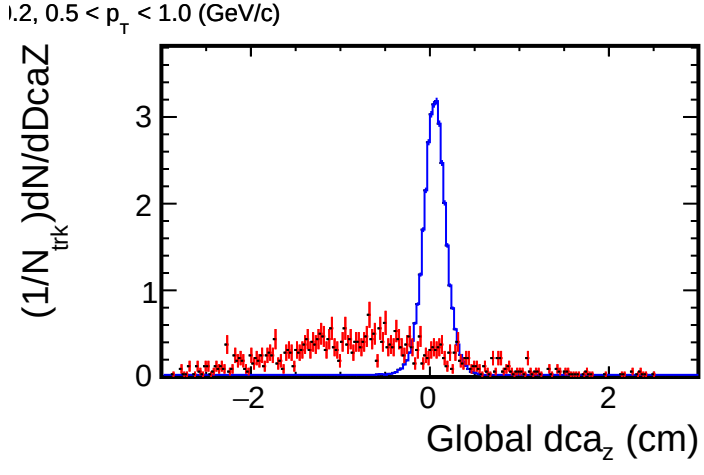


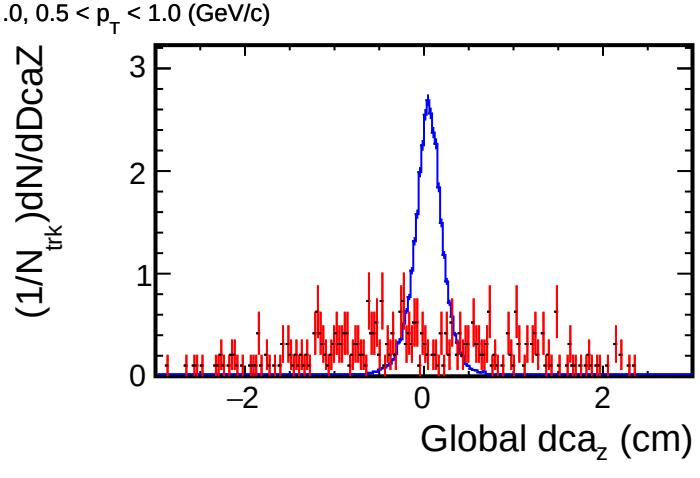
DcaZ distribution for (p_T, η) slices







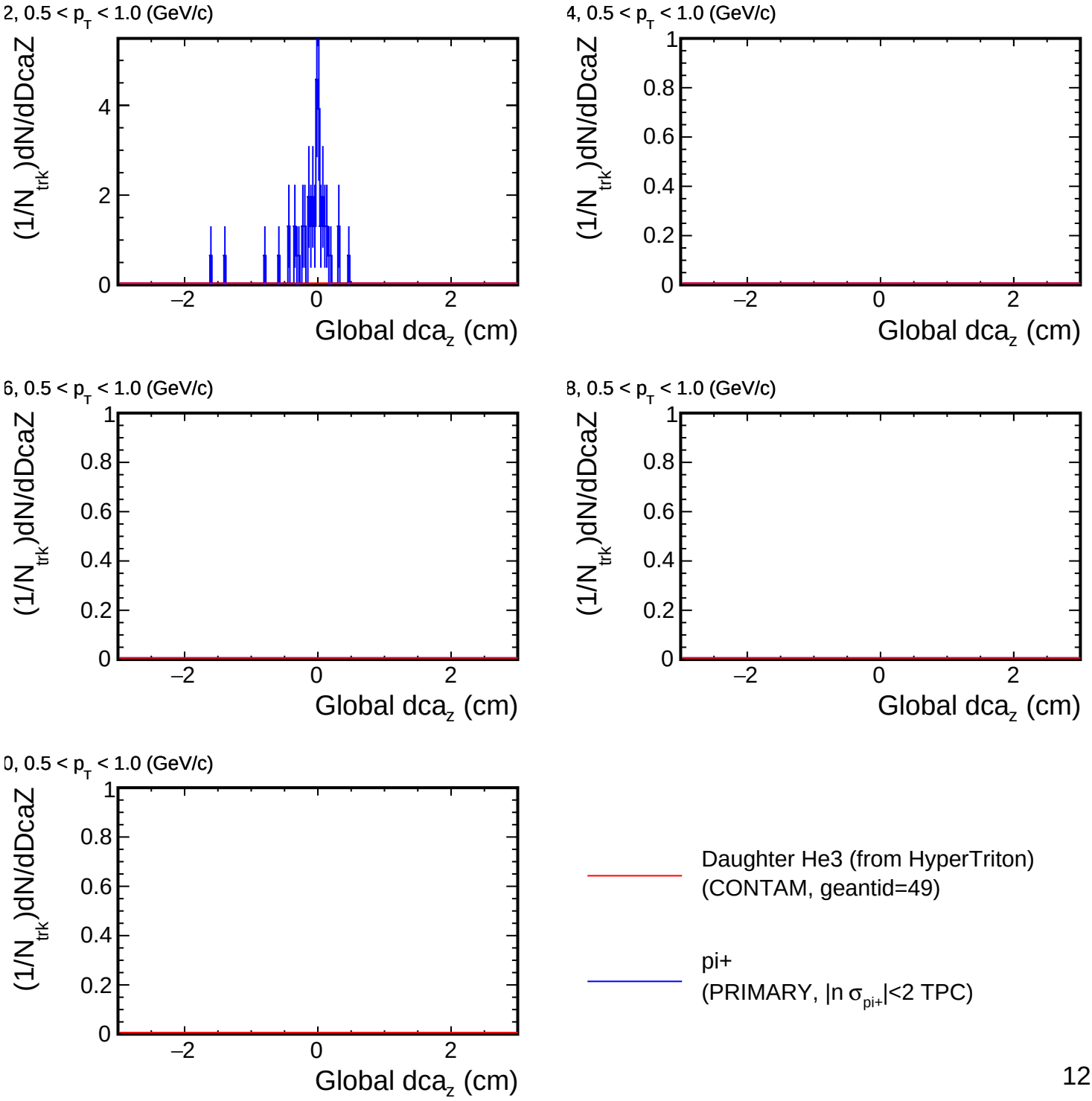




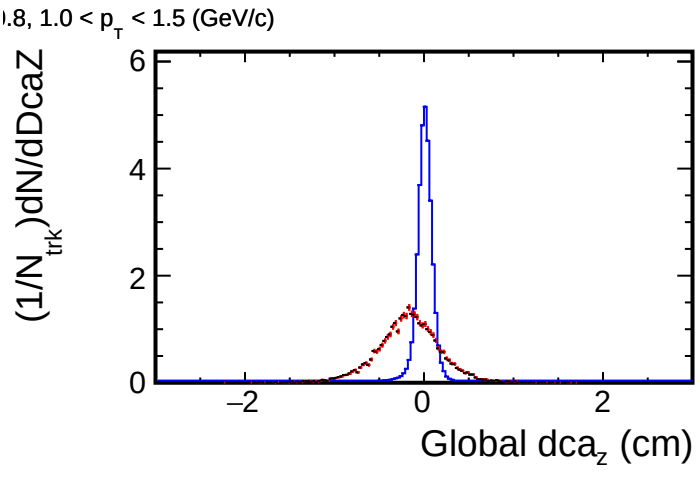
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

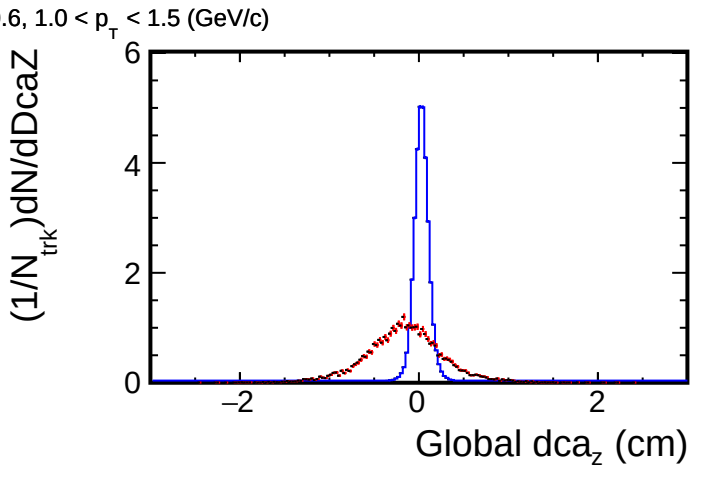
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

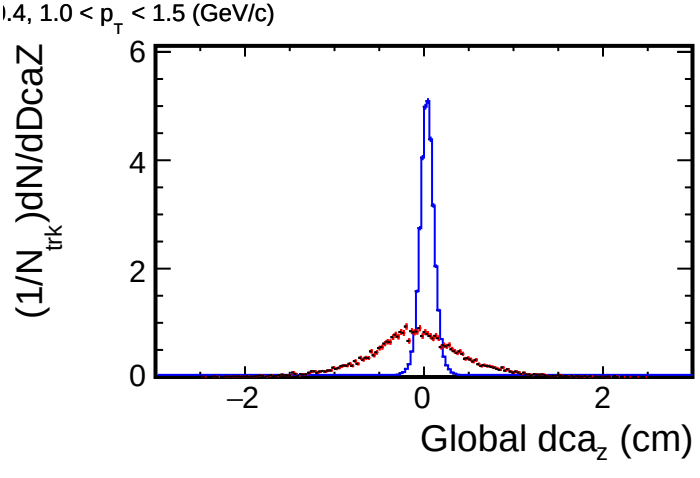
DcaZ distribution for (p_T, η) slices

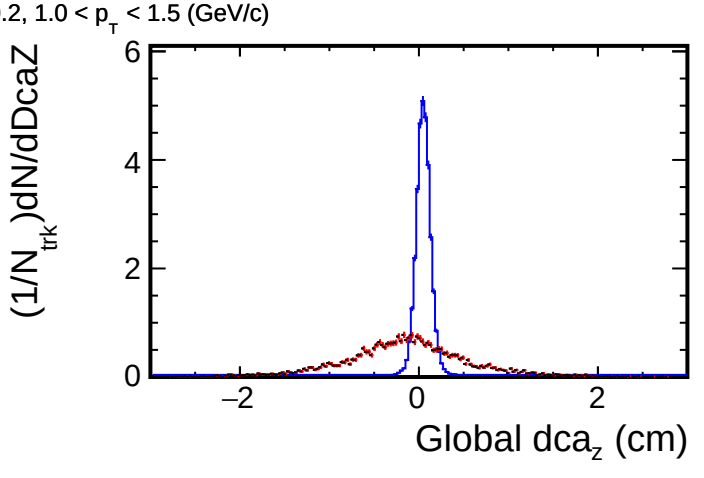


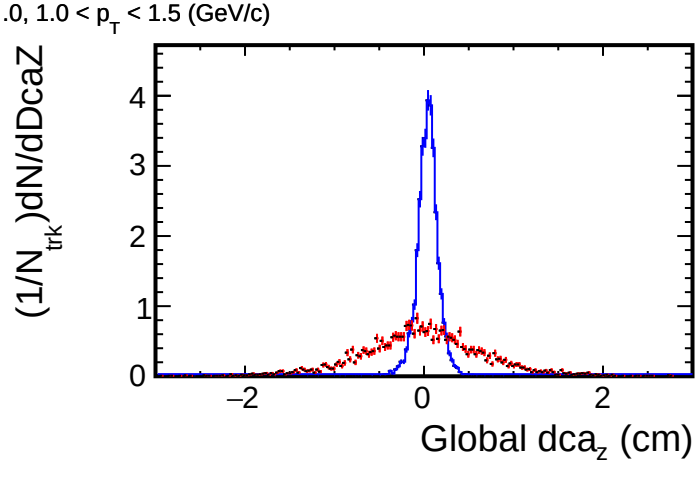
DcaZ distribution for (p_T, η) slices







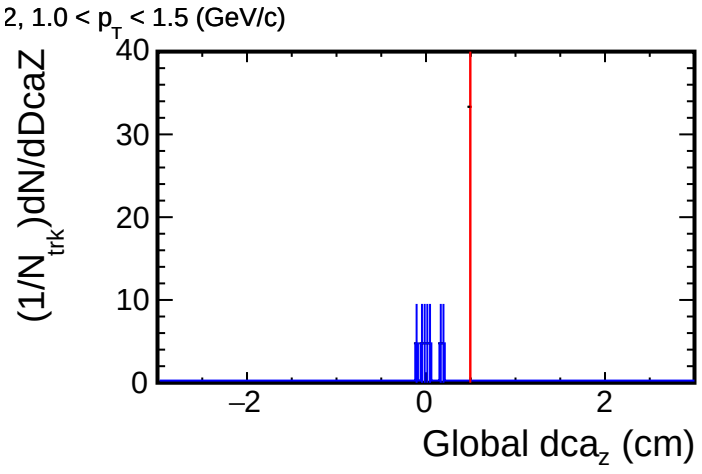


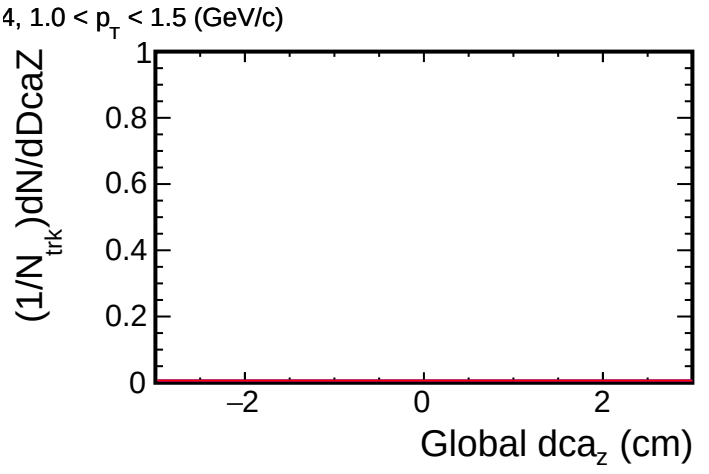


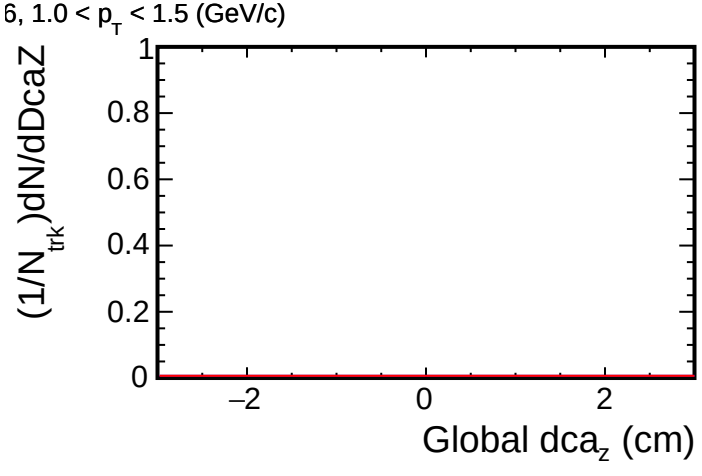
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

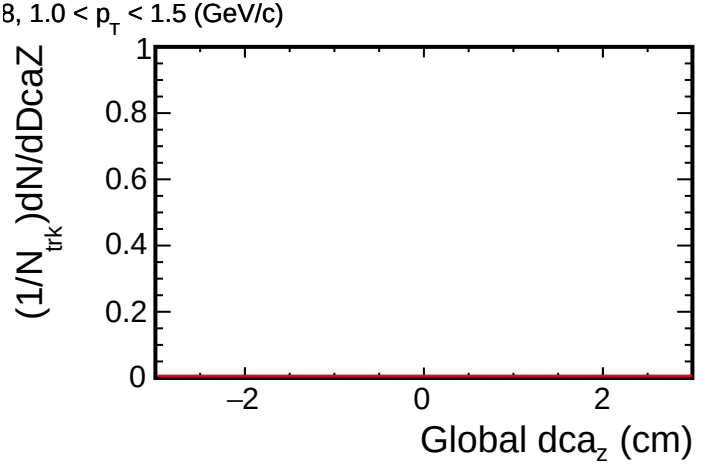
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

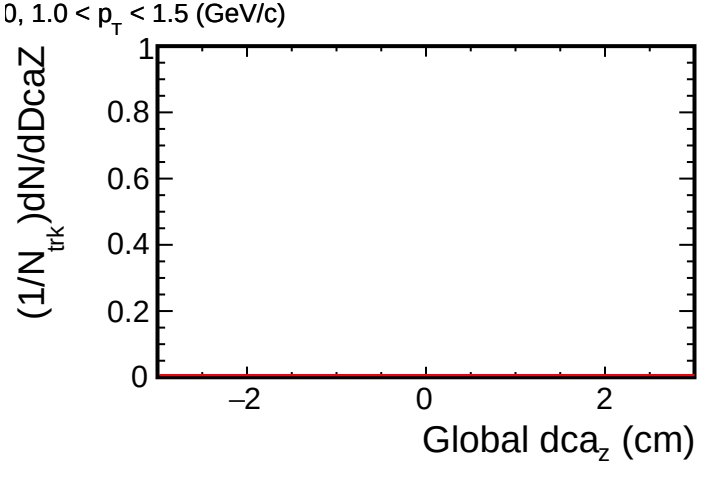
DcaZ distribution for (p_T, η) slices







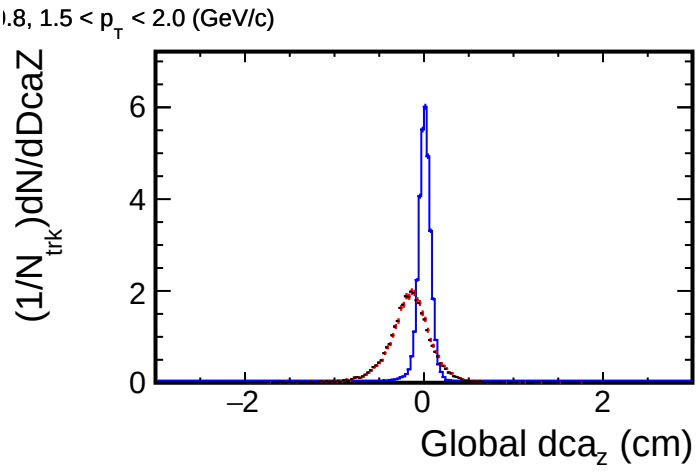


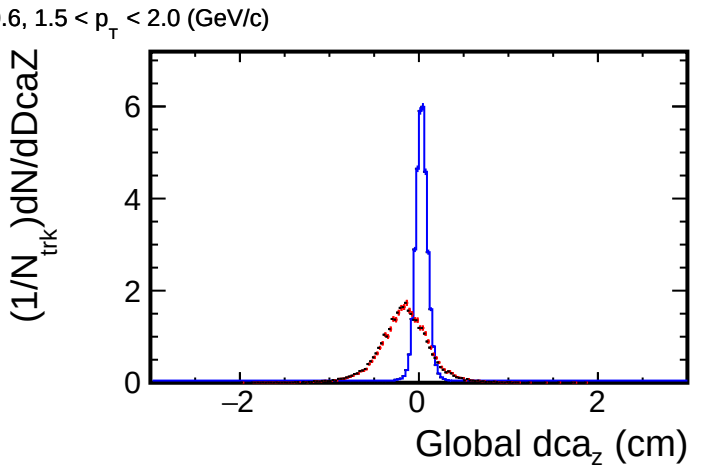


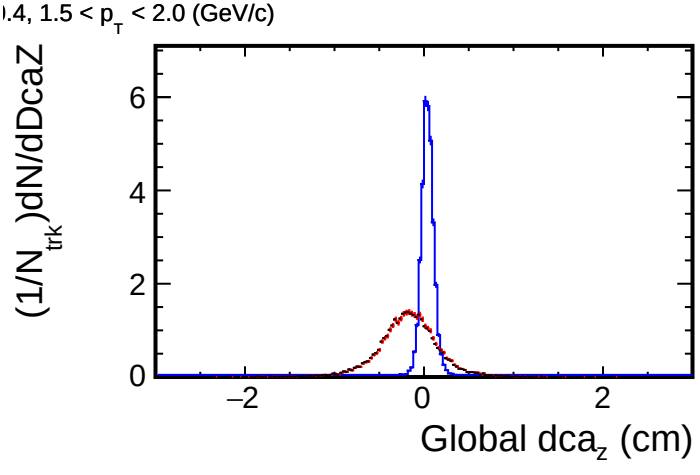
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

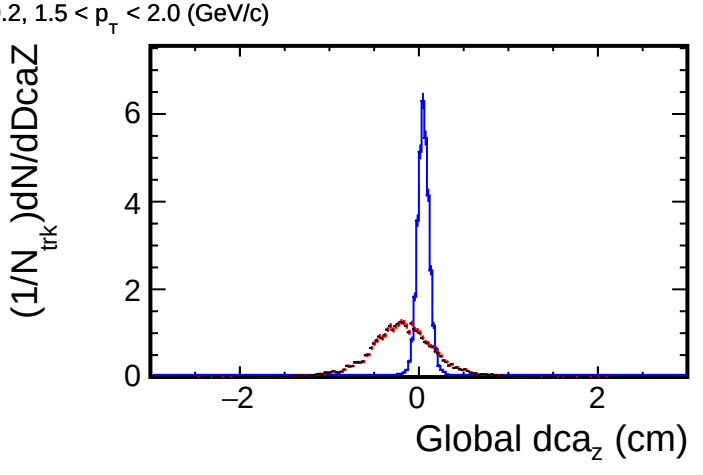
pi+
(PRIMARY, $|n\sigma_{pi+}|$<2 TPC)

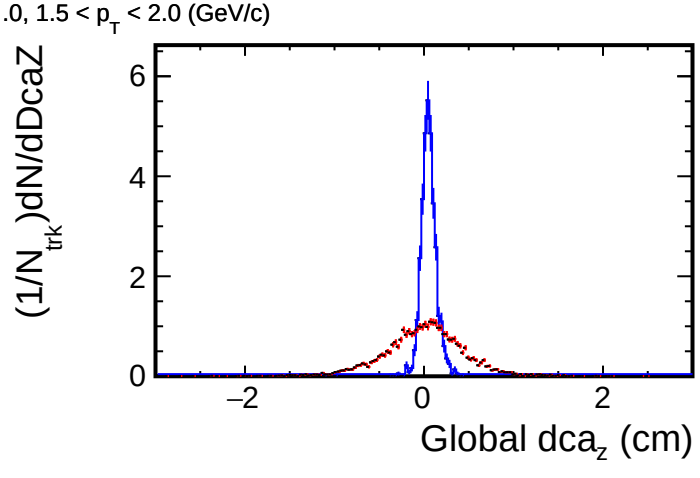
DcaZ distribution for (p_T, η) slices







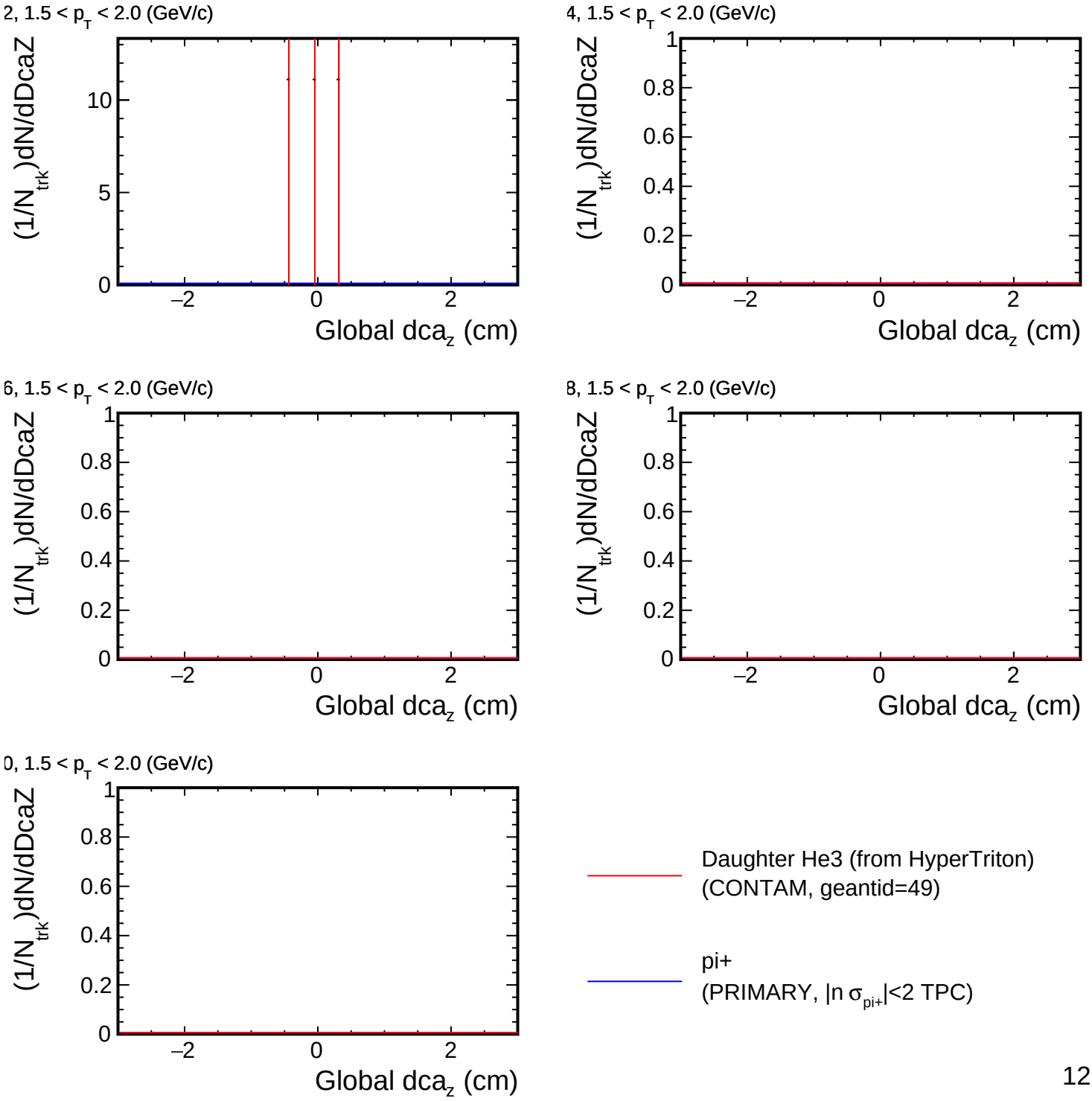




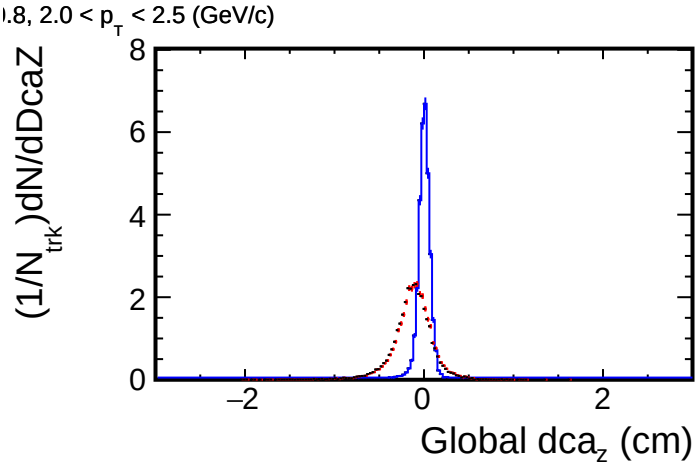
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

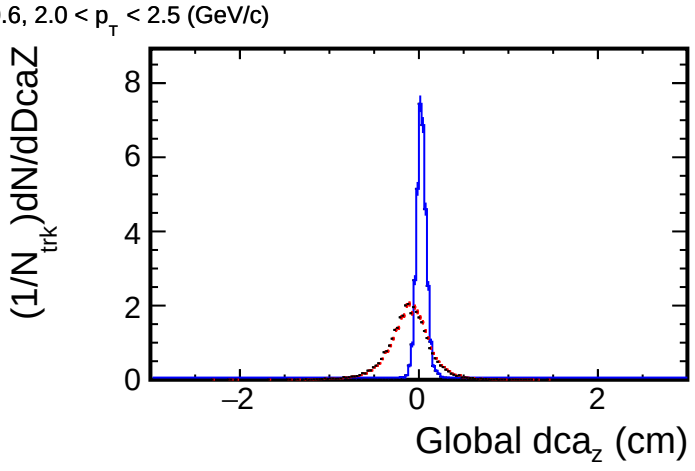
pi+
(PRIMARY, |n σ$_{pi+}$|<2 TPC)

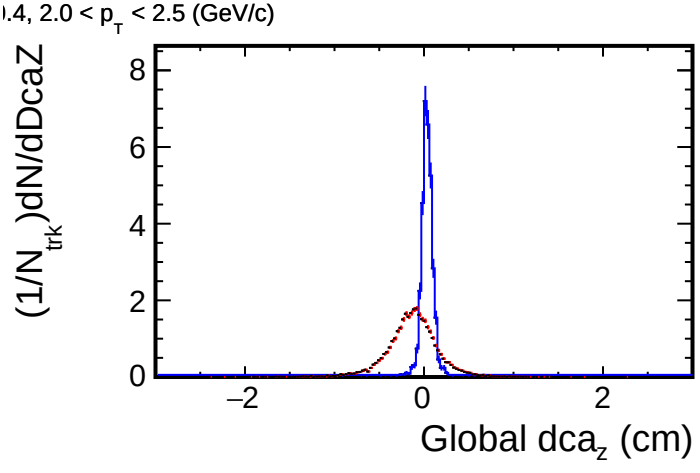
DcaZ distribution for (p_T, η) slices

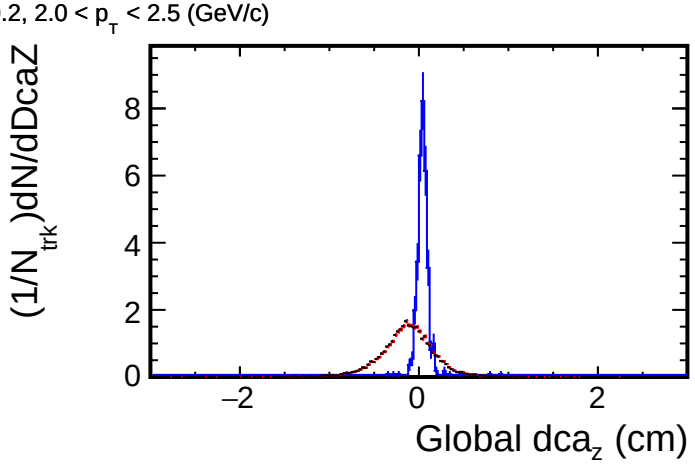


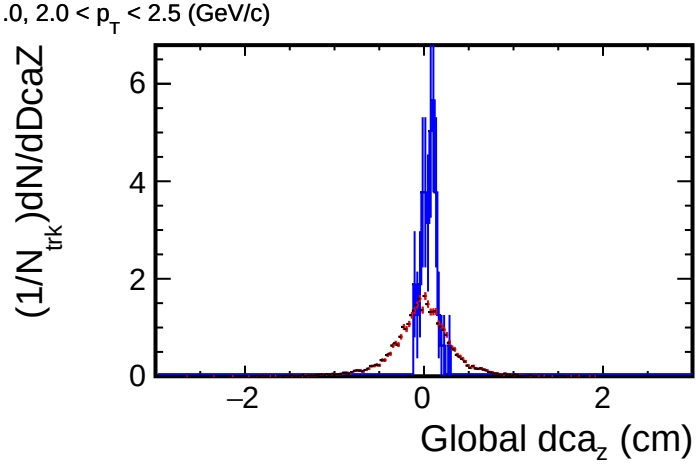
DcaZ distribution for (p_T, η) slices







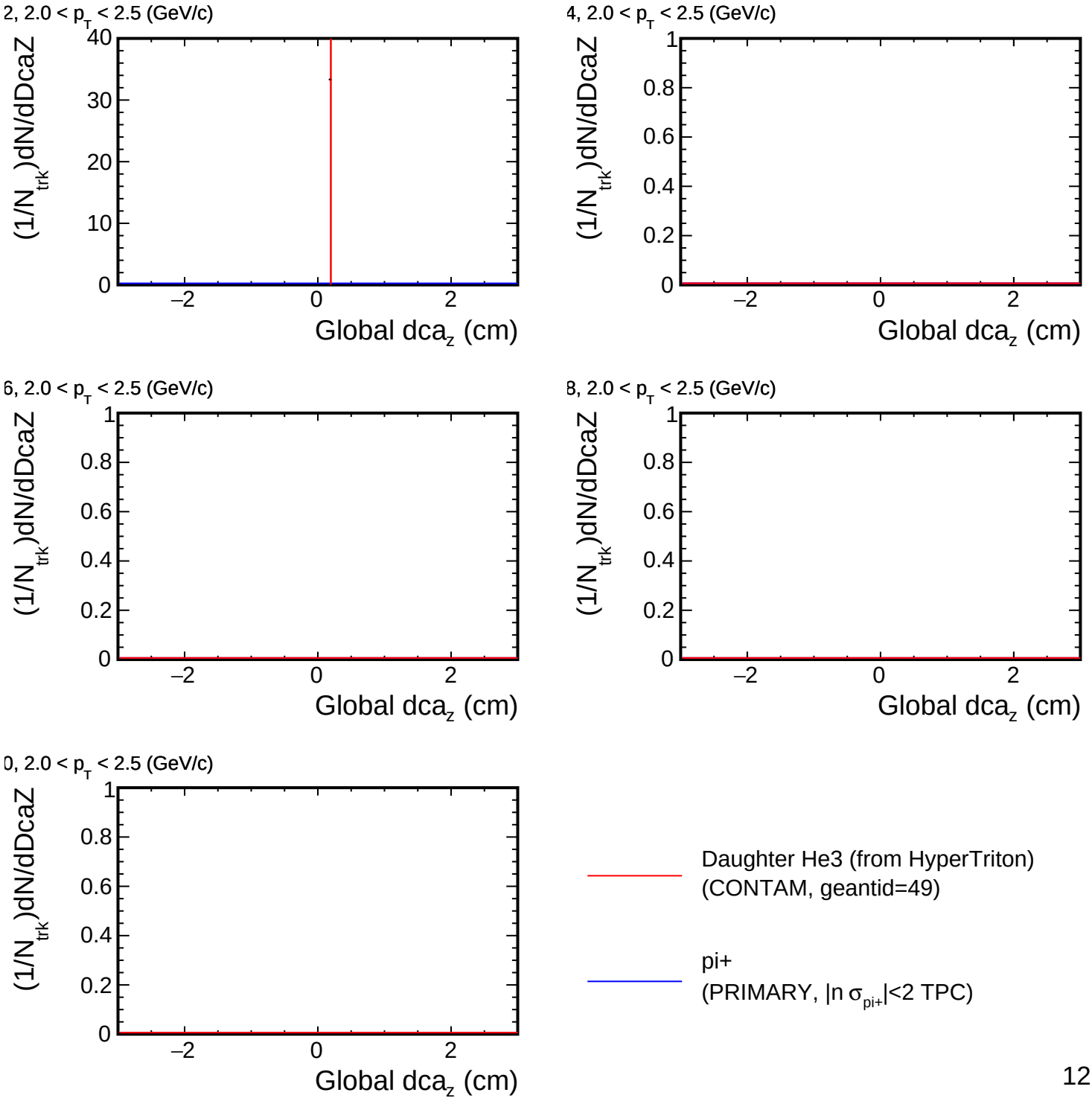




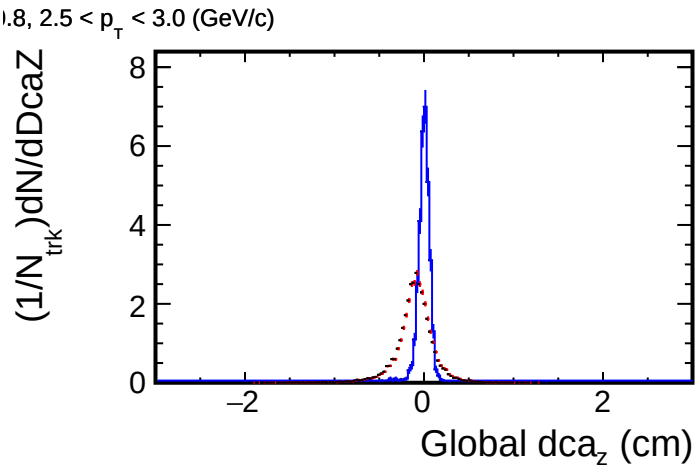
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

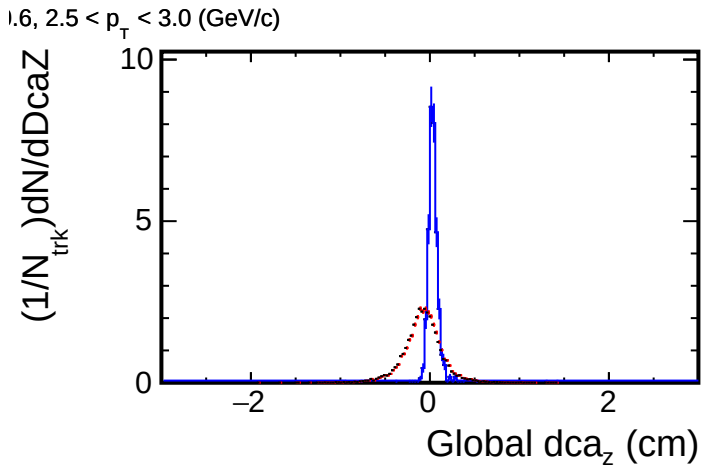
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

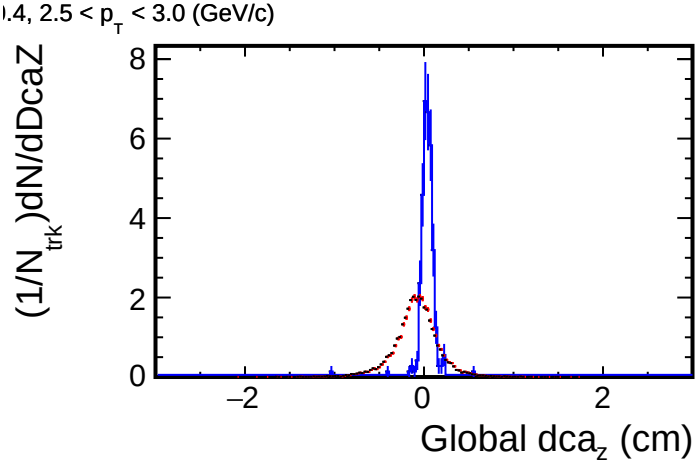
DcaZ distribution for (p_T, η) slices

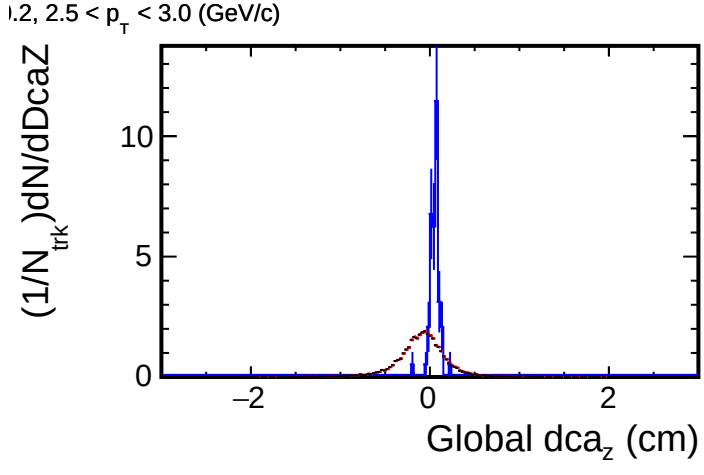


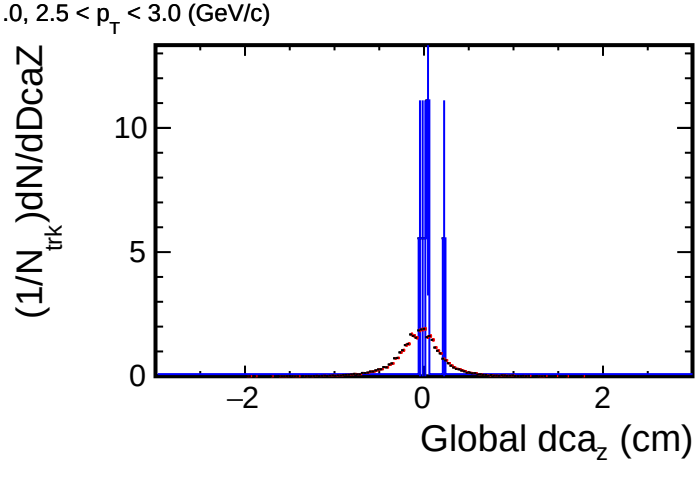
DcaZ distribution for (p_T, η) slices









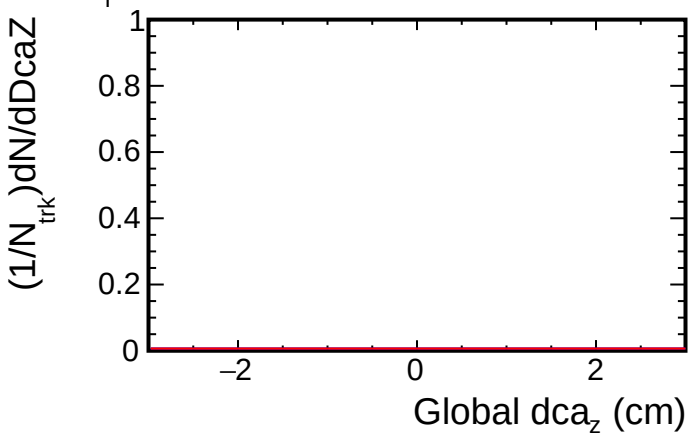


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

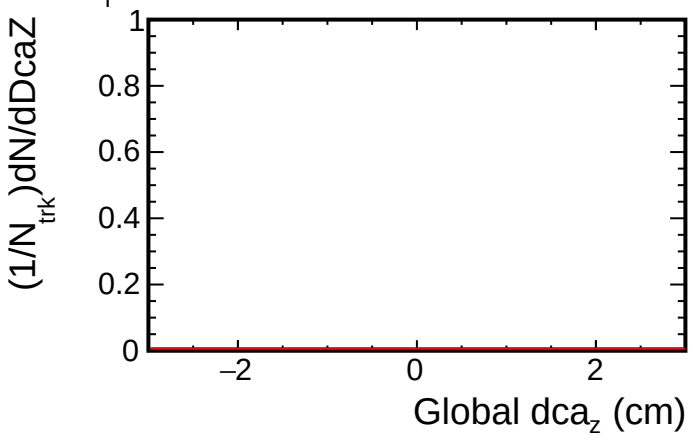
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

DcaZ distribution for (p_T, η) slices

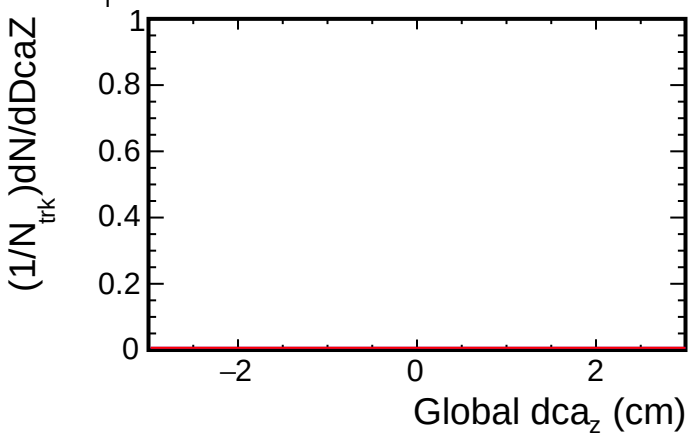
2, 2.5 < p_T < 3.0 (GeV/c)



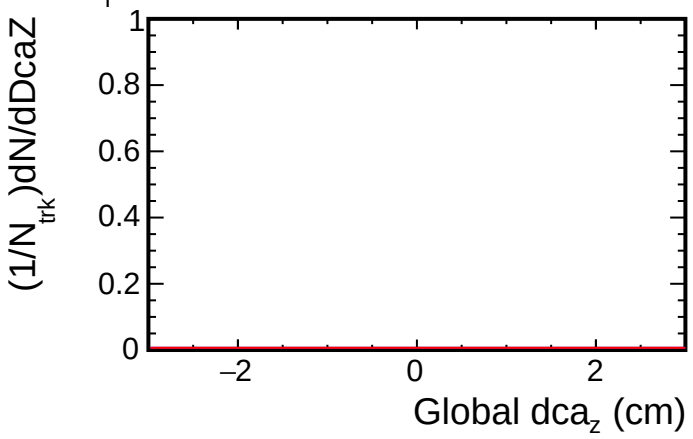
4, 2.5 < p_T < 3.0 (GeV/c)



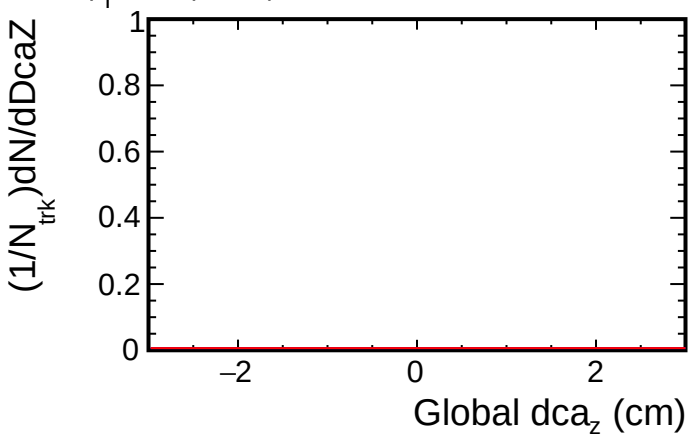
6, 2.5 < p_T < 3.0 (GeV/c)



8, 2.5 < p_T < 3.0 (GeV/c)



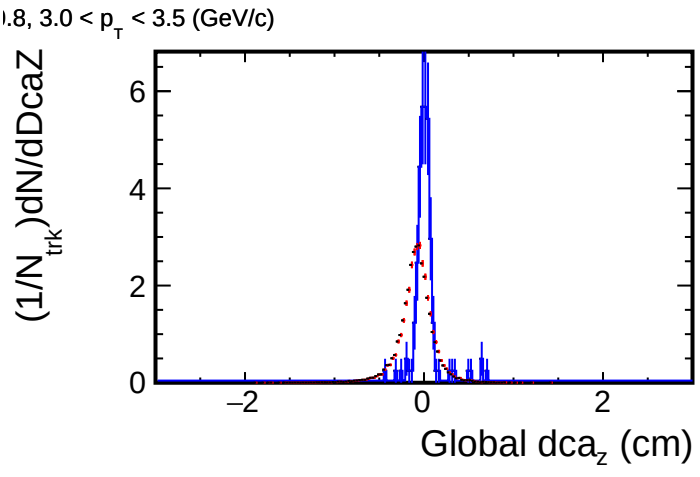
0, 2.5 < p_T < 3.0 (GeV/c)

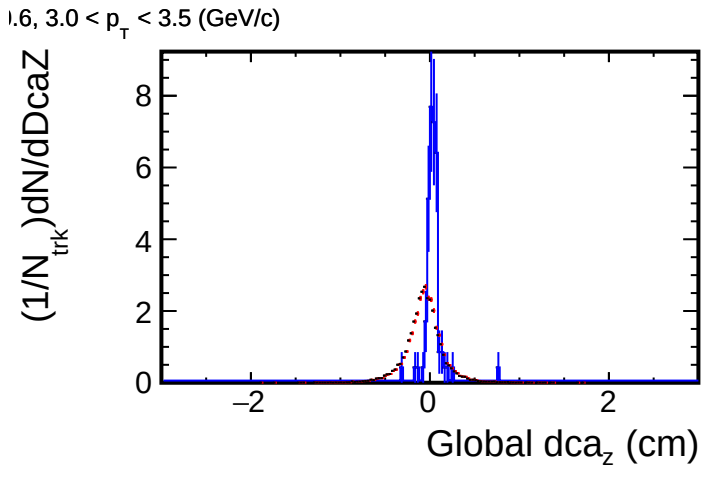


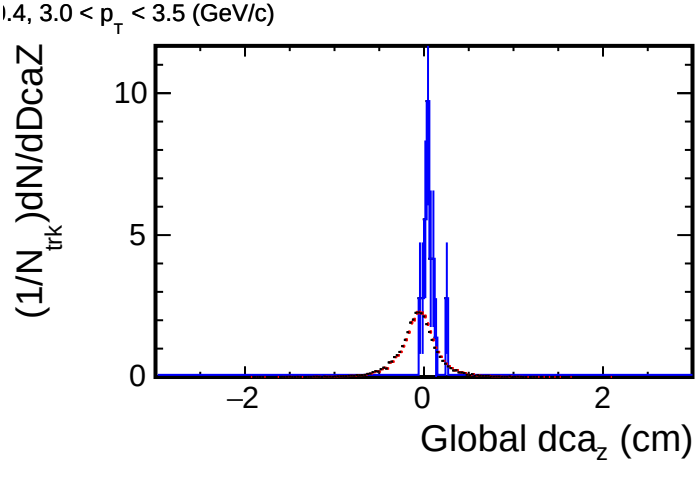
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

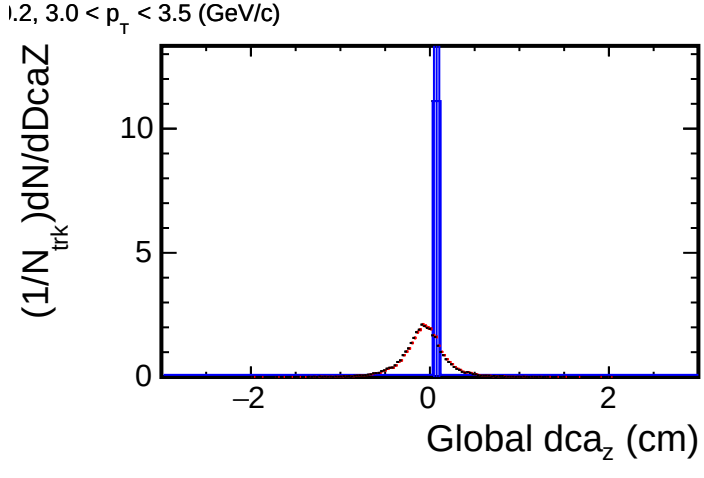
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

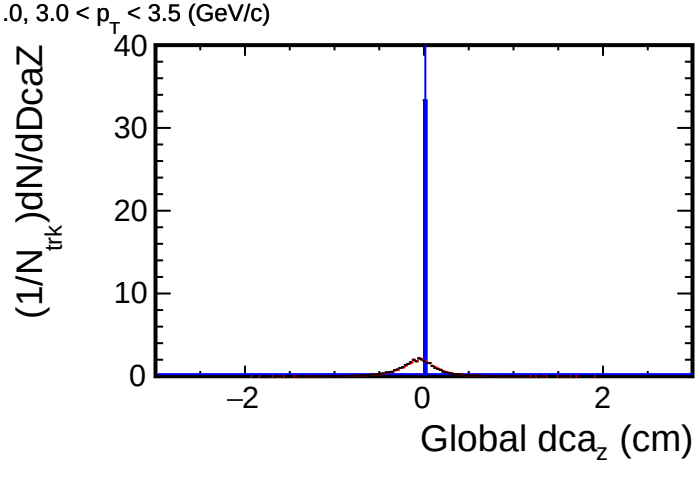
DcaZ distribution for (p_T, η) slices







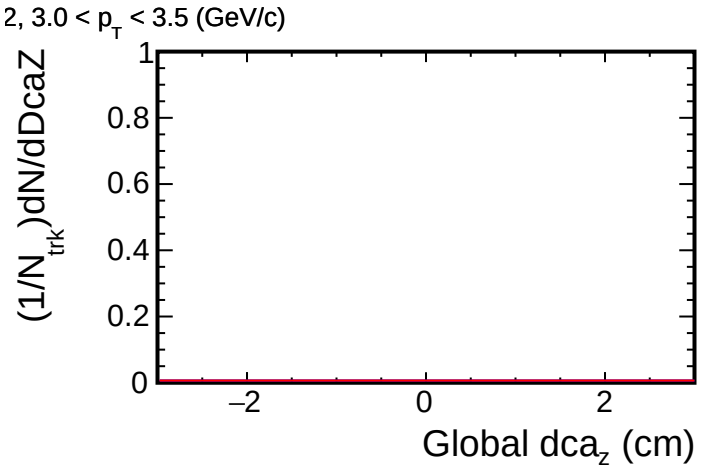


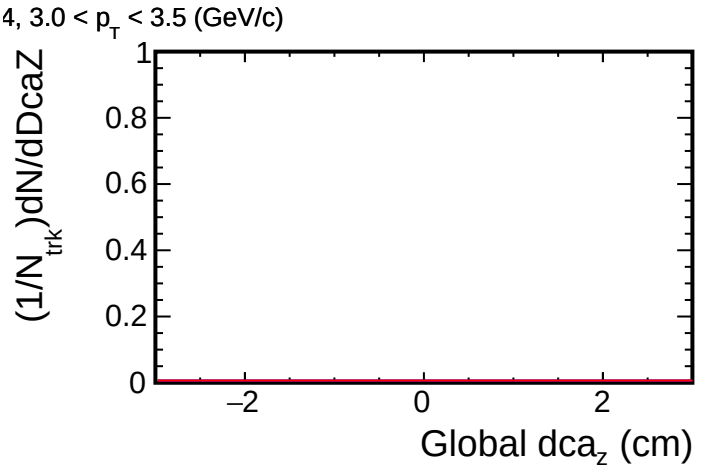


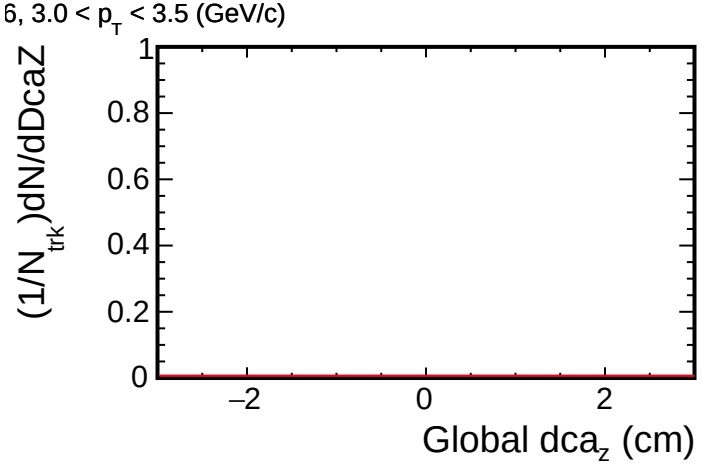
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

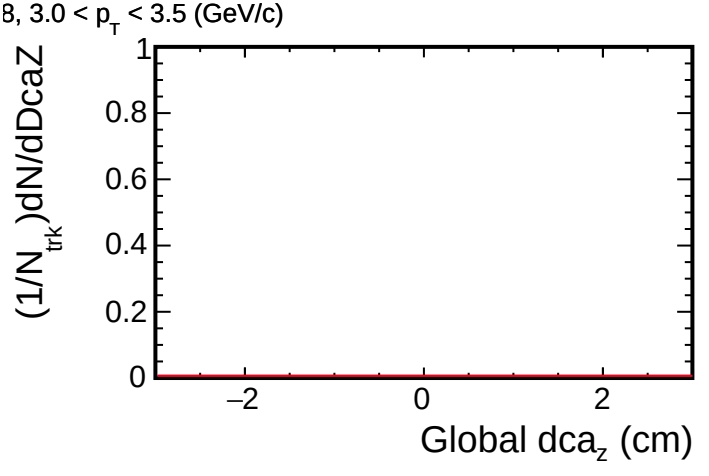
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

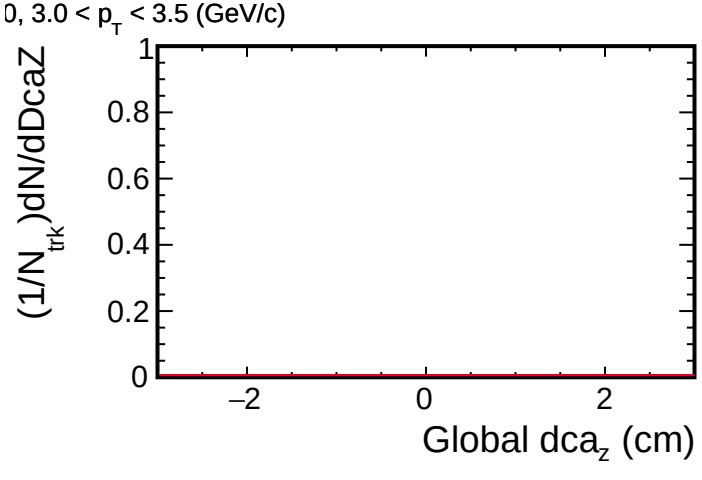
DcaZ distribution for (p_T, η) slices







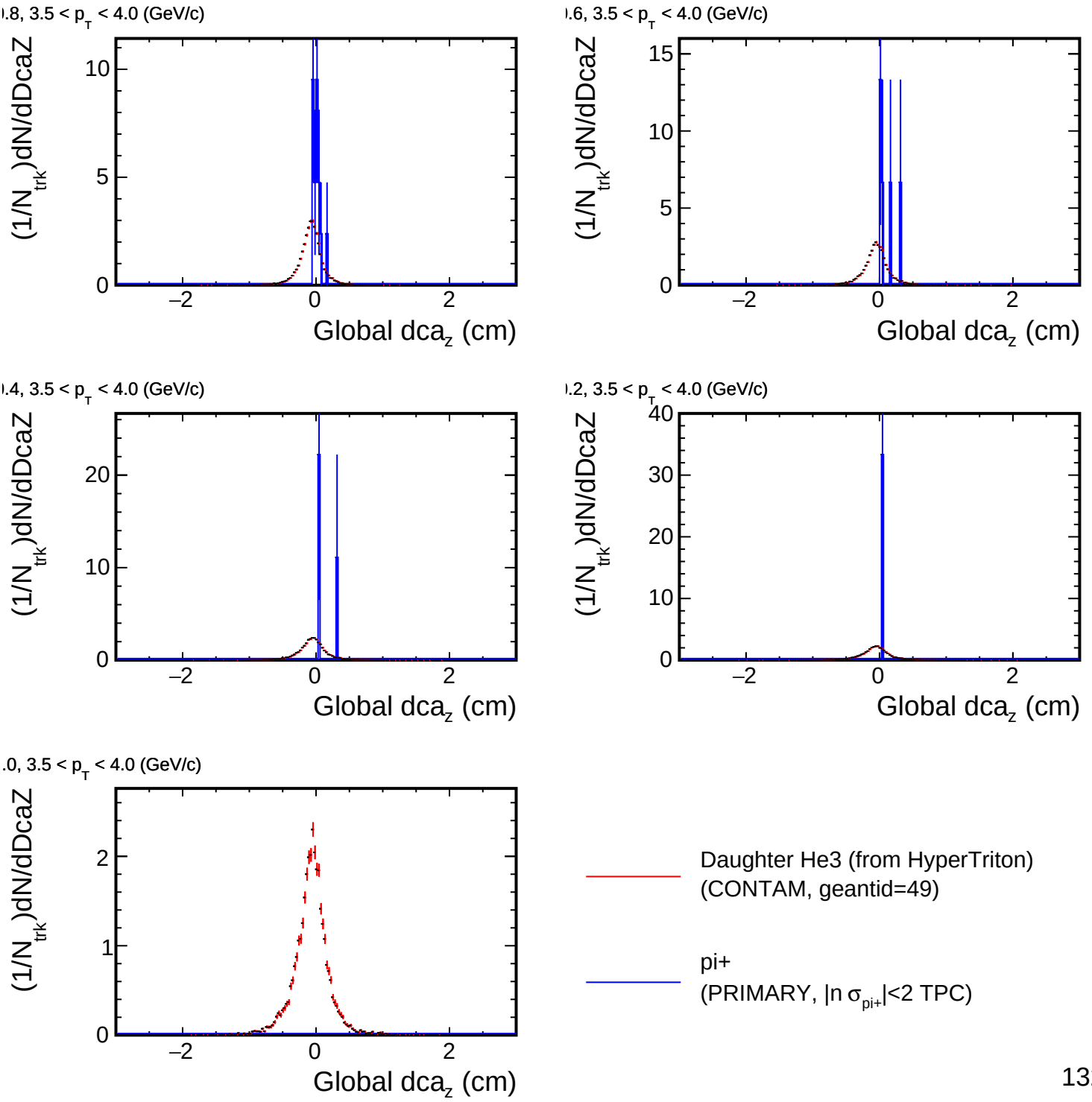




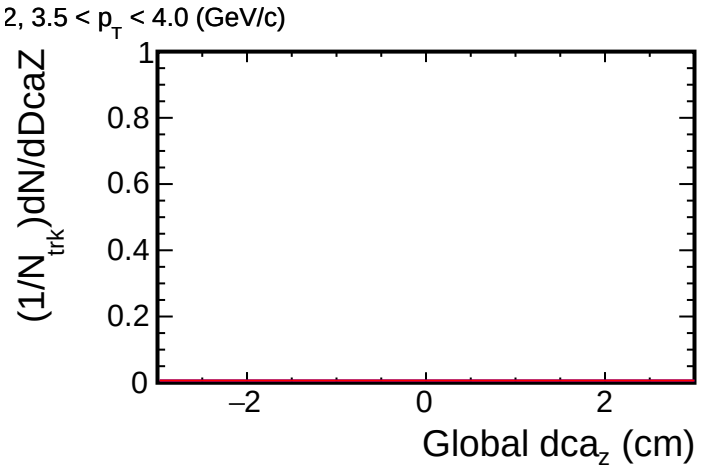
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

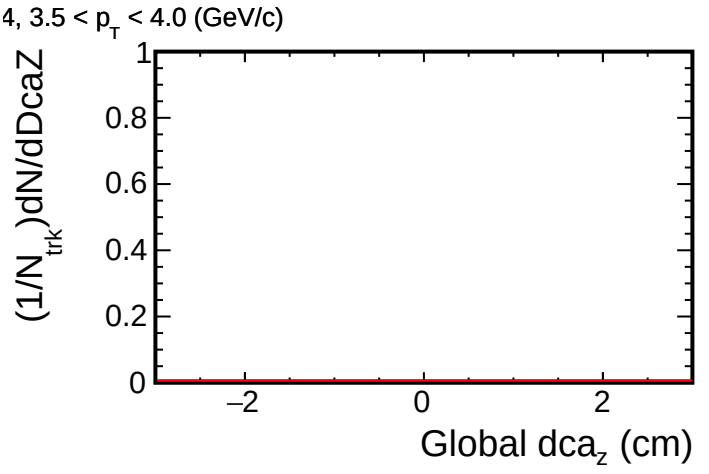
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

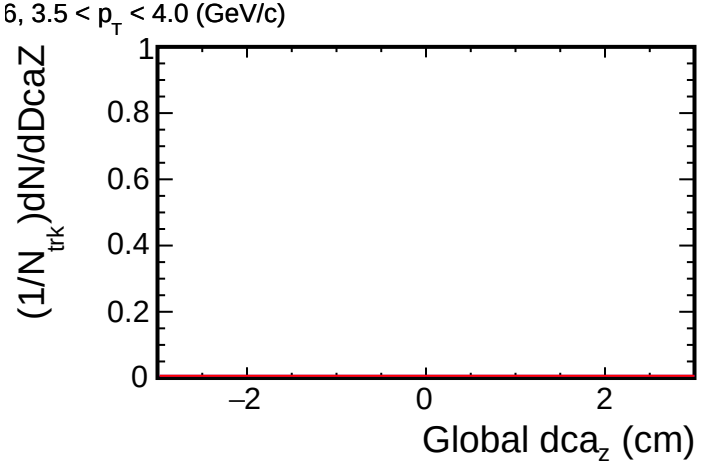
DcaZ distribution for (p_T, η) slices

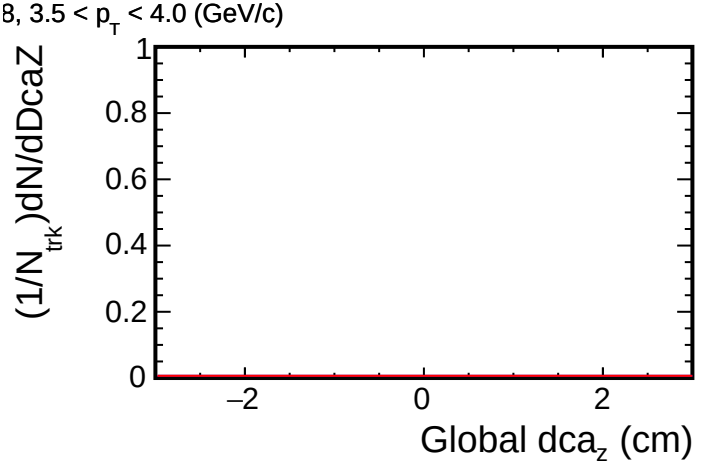


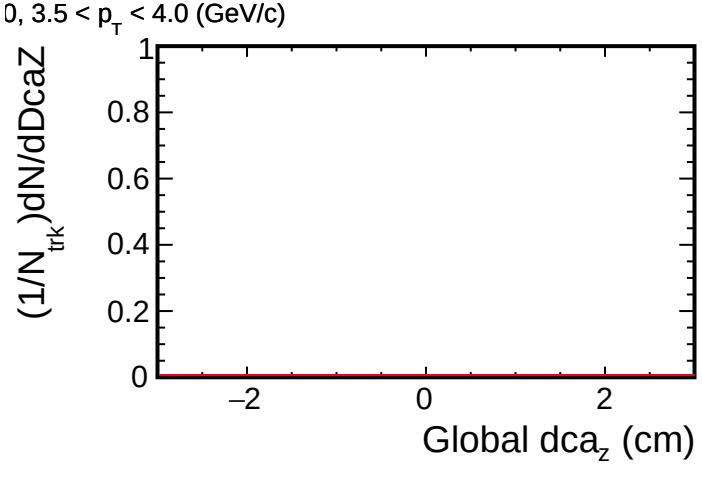
DcaZ distribution for (p_T, η) slices







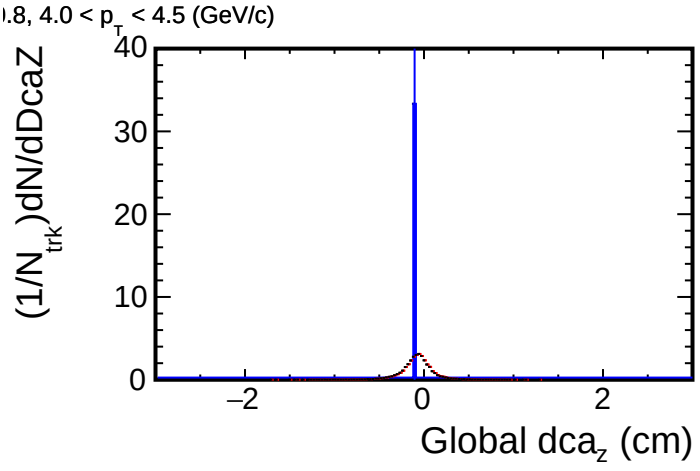


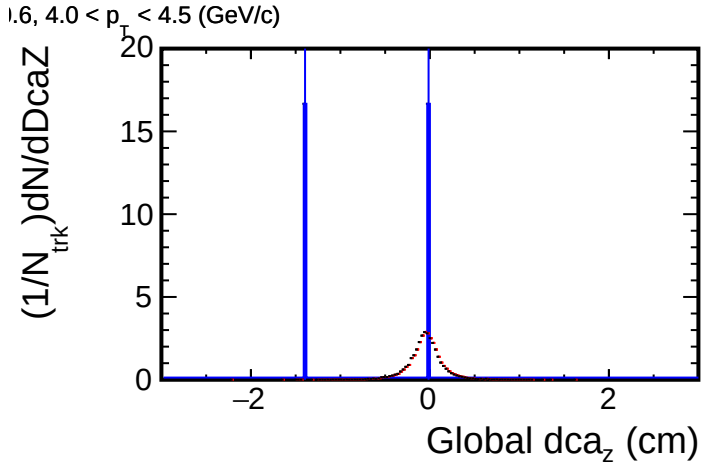


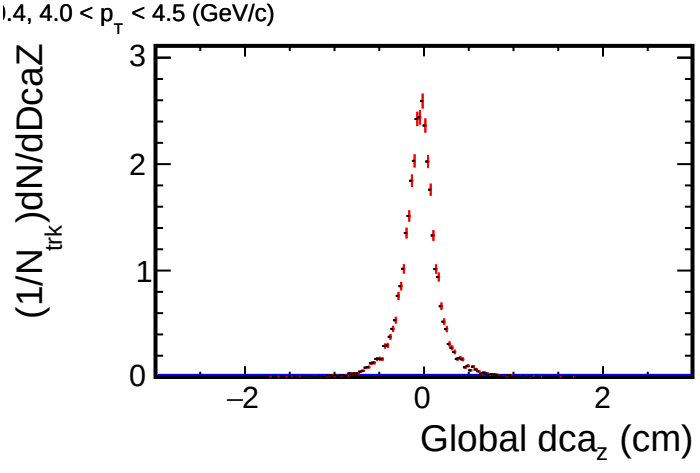
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

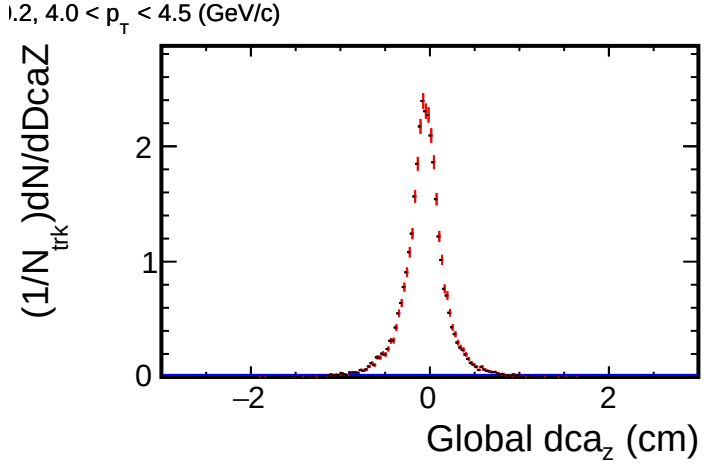
pi+
(PRIMARY, $|n\sigma_{pi+}|$<2 TPC)

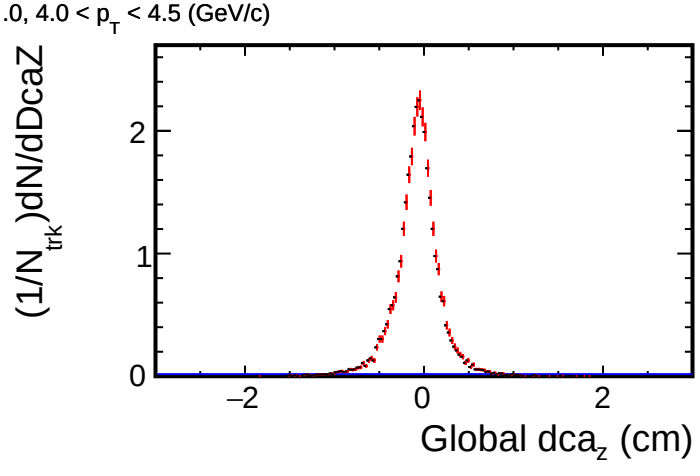
DcaZ distribution for (p_T, η) slices









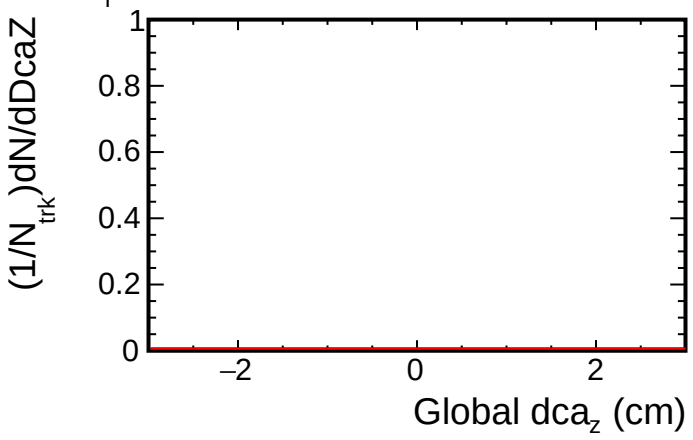


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

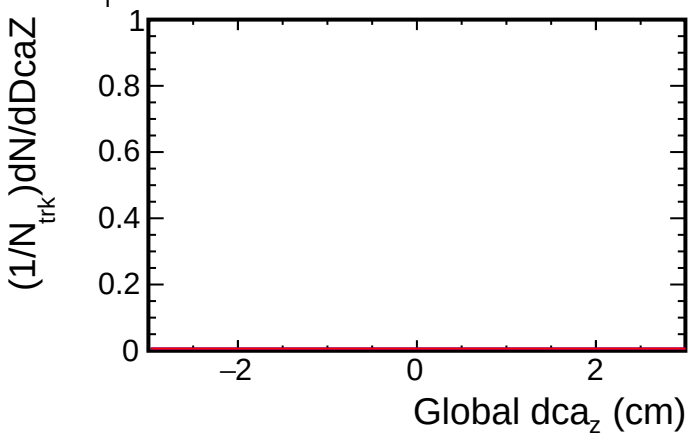
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

DcaZ distribution for (p_T, η) slices

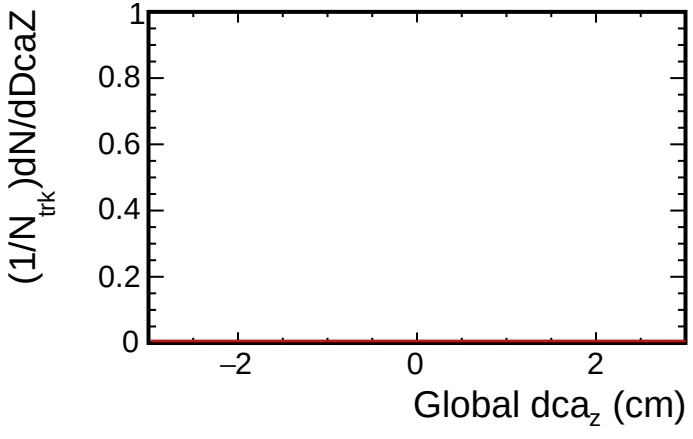
2, 4.0 < p_T < 4.5 (GeV/c)



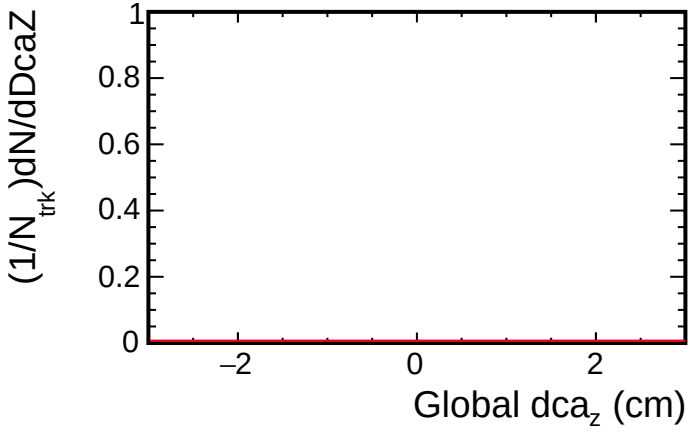
4, 4.0 < p_T < 4.5 (GeV/c)



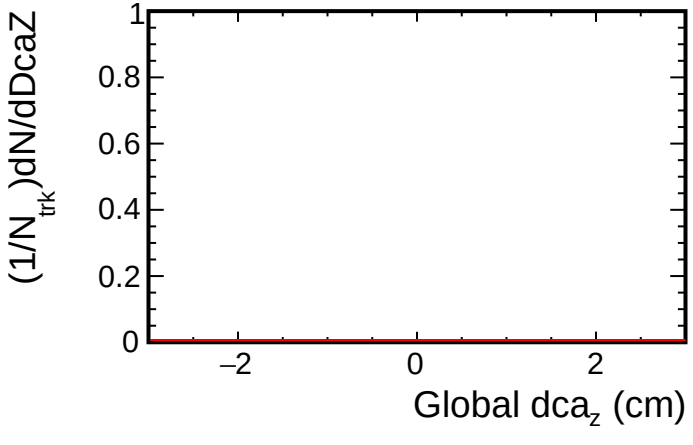
6, 4.0 < p_T < 4.5 (GeV/c)



8, 4.0 < p_T < 4.5 (GeV/c)



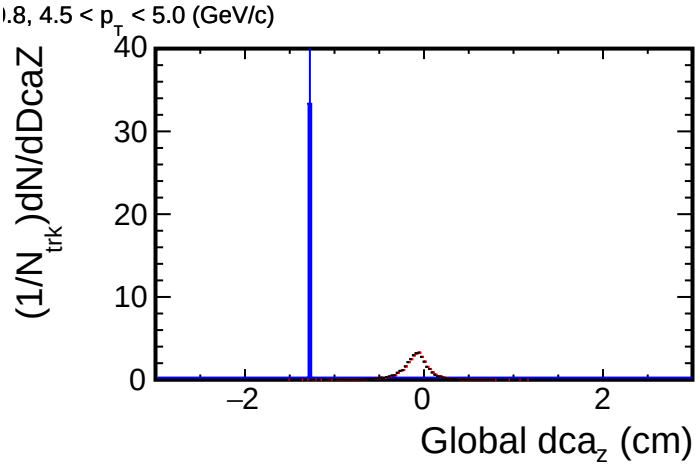
0, 4.0 < p_T < 4.5 (GeV/c)

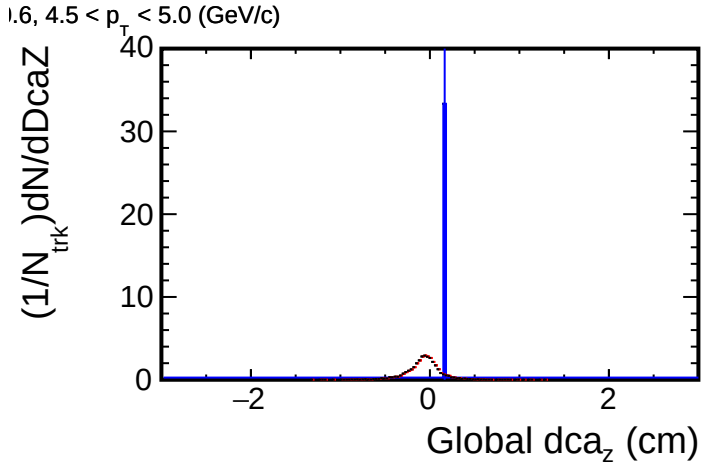


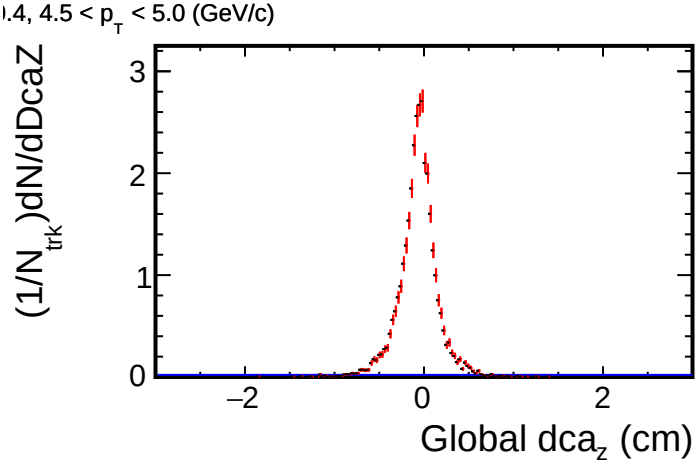
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

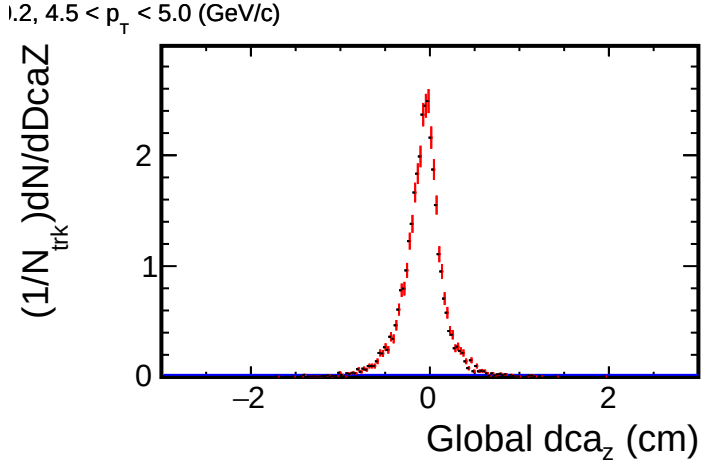
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

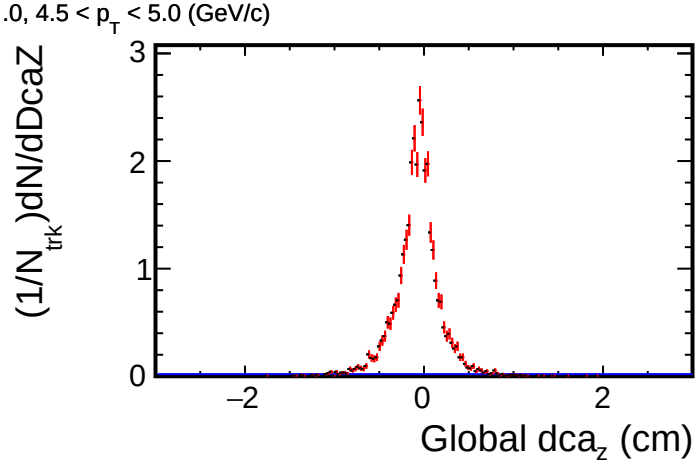
DcaZ distribution for (p_T, η) slices









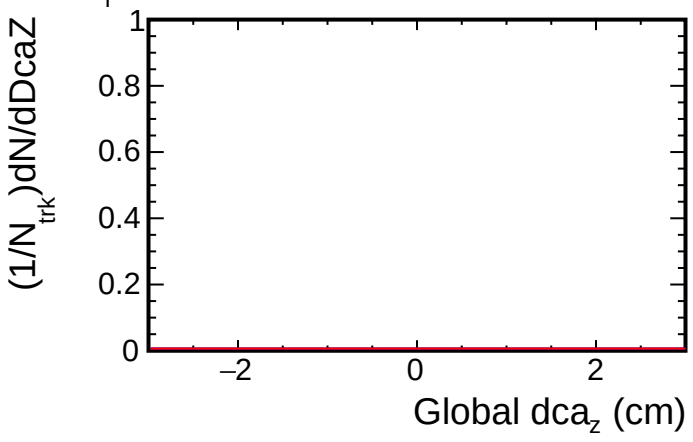


Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

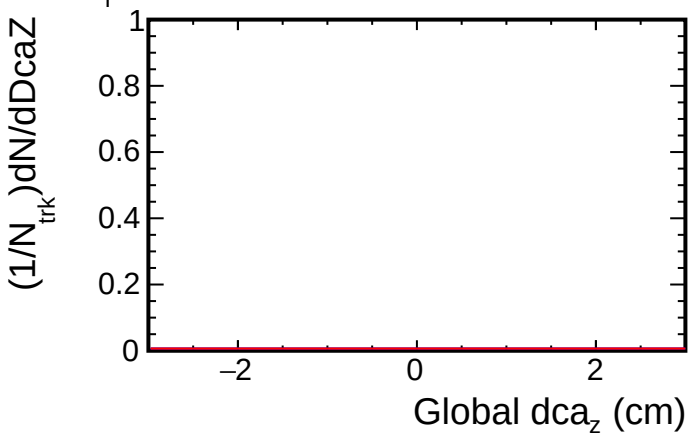
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

DcaZ distribution for (p_T, η) slices

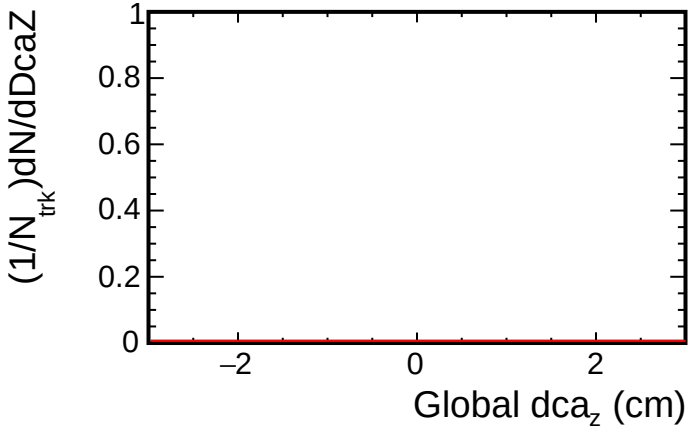
2, 4.5 < p_T < 5.0 (GeV/c)



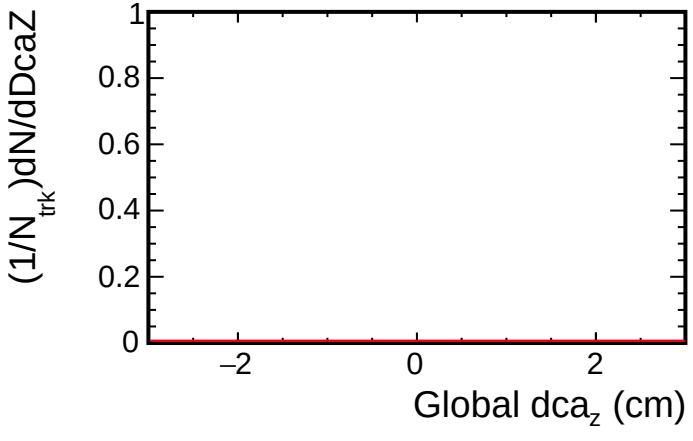
4, 4.5 < p_T < 5.0 (GeV/c)



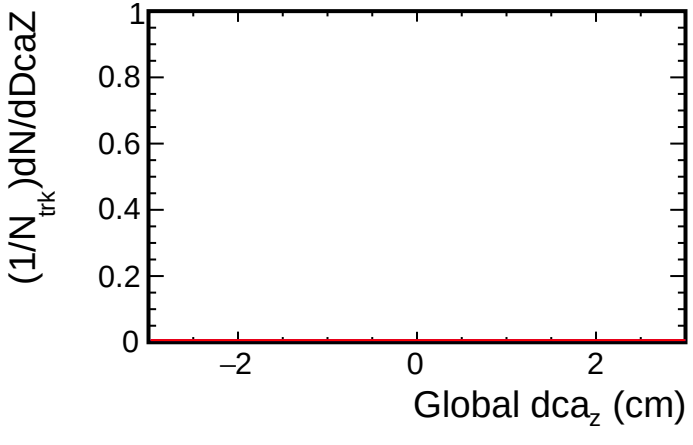
6, 4.5 < p_T < 5.0 (GeV/c)



8, 4.5 < p_T < 5.0 (GeV/c)



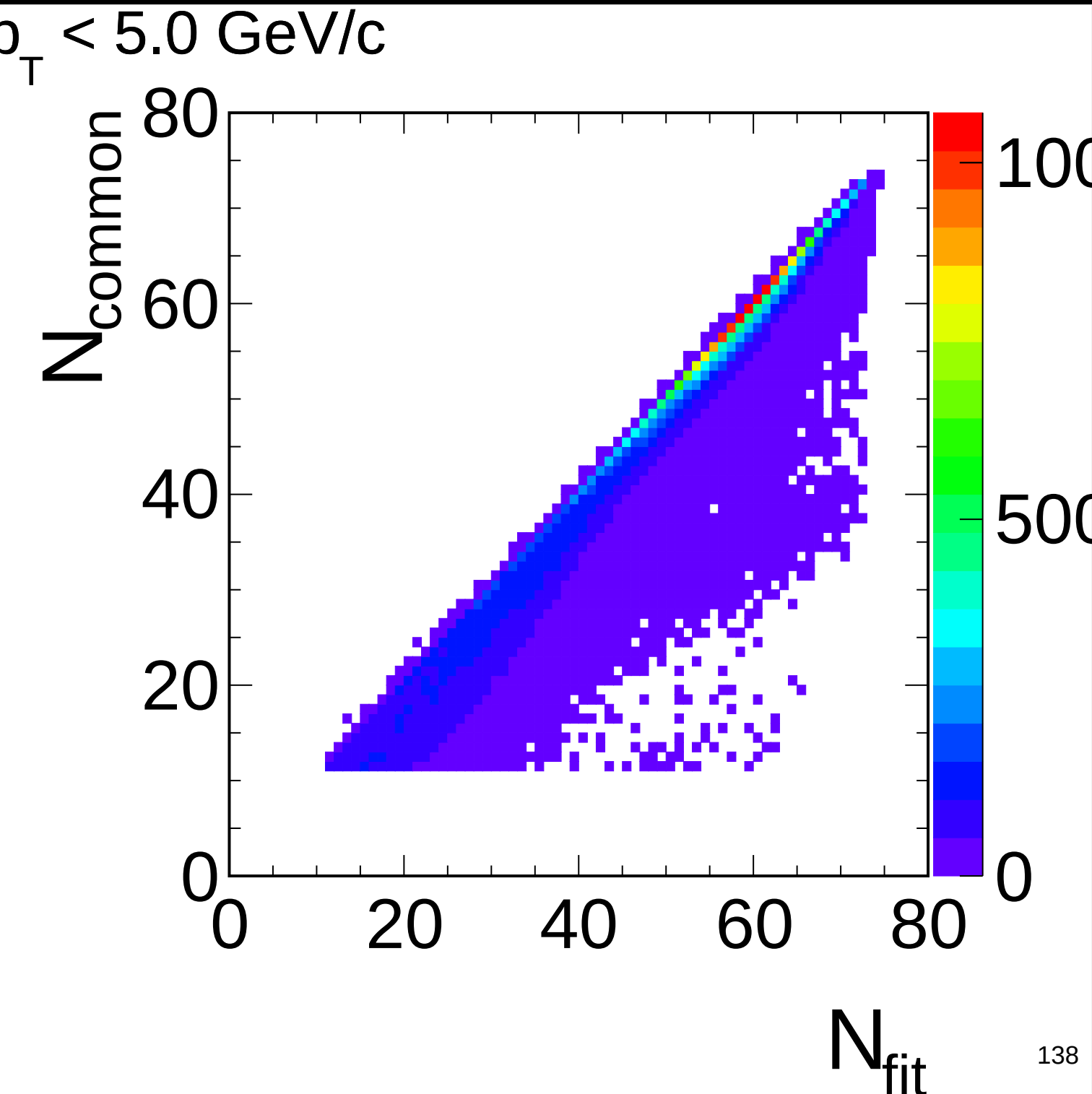
0, 4.5 < p_T < 5.0 (GeV/c)



Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

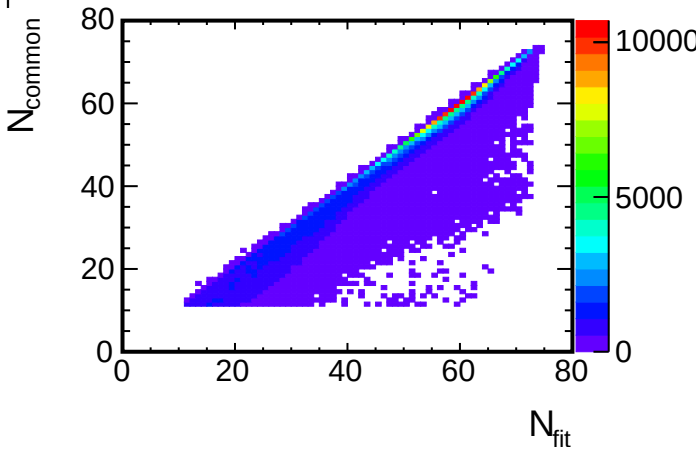
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

N_{common} vs N_{hit} (Embedding:pi-, Real:pi-)

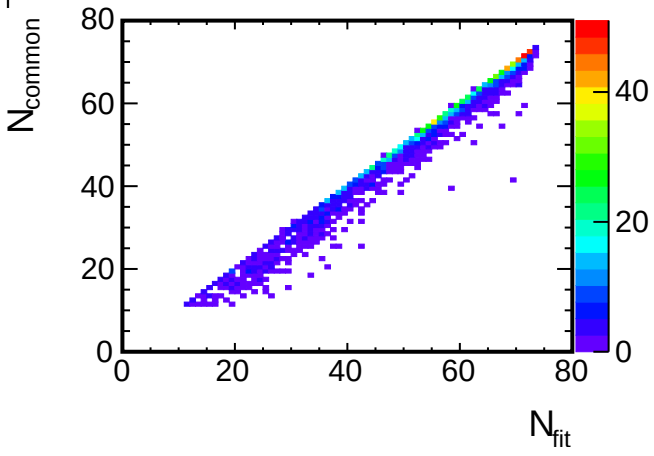


N_{common} vs N_{hit}, p_T dependence (Embedding:pi-, Real:pi-)

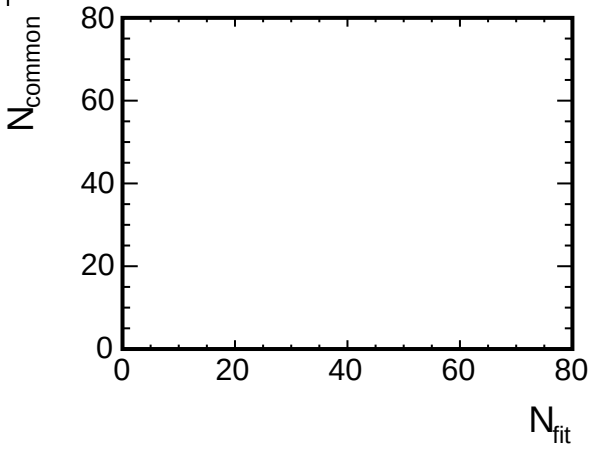
$< p_T <$ 0.5 GeV/c



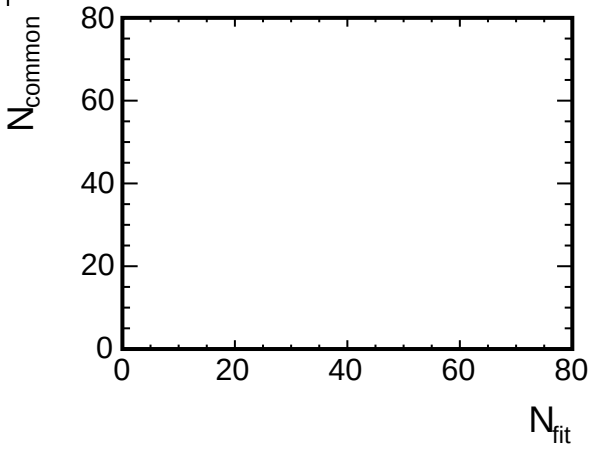
$< p_T <$ 1.0 GeV/c



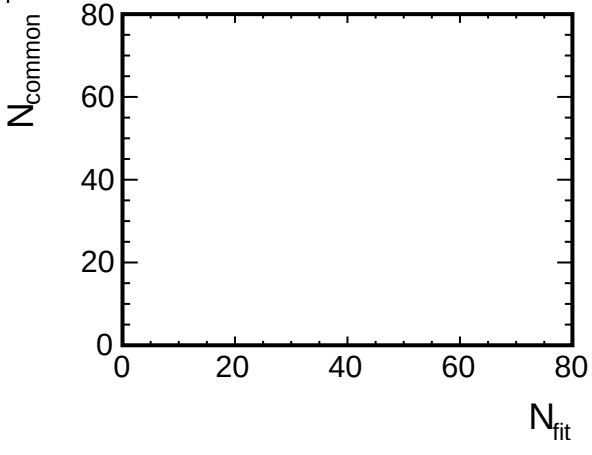
$< p_T <$ 1.5 GeV/c



$< p_T <$ 2.0 GeV/c

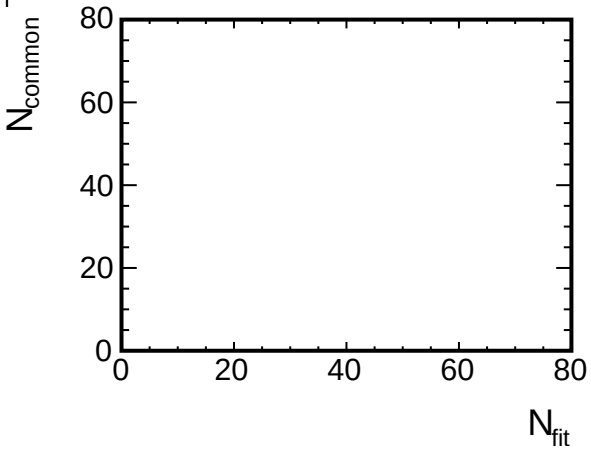


$< p_T <$ 2.5 GeV/c

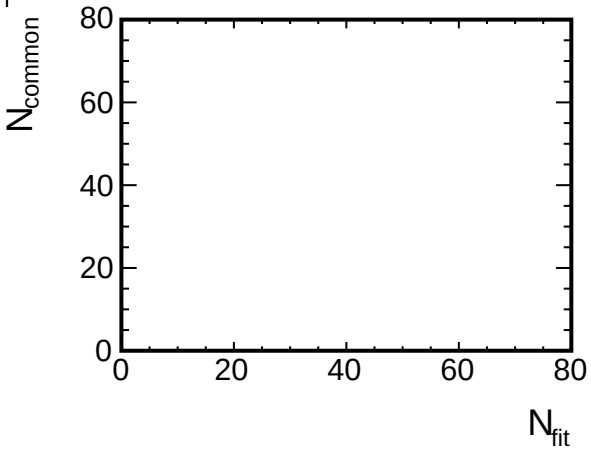


N_{common} vs N_{hit}, p_T dependence (Embedding:pi-, Real:pi-)

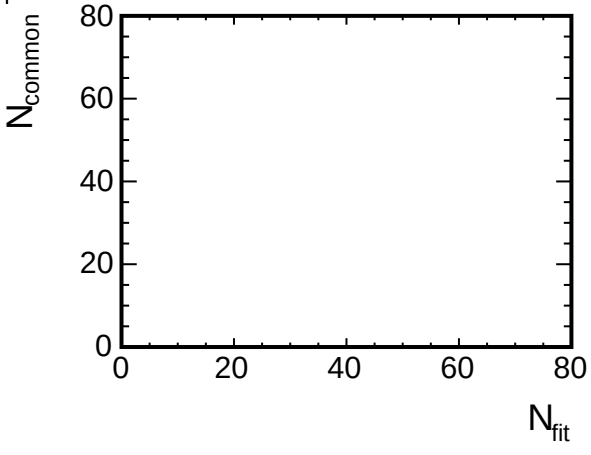
< p_T < 3.0 GeV/c



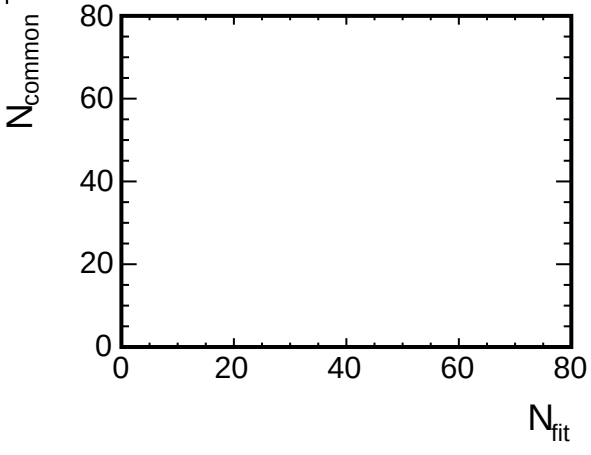
< p_T < 3.5 GeV/c



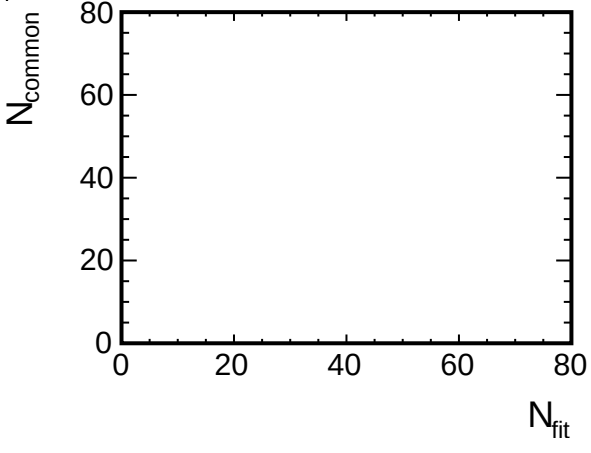
< p_T < 4.0 GeV/c



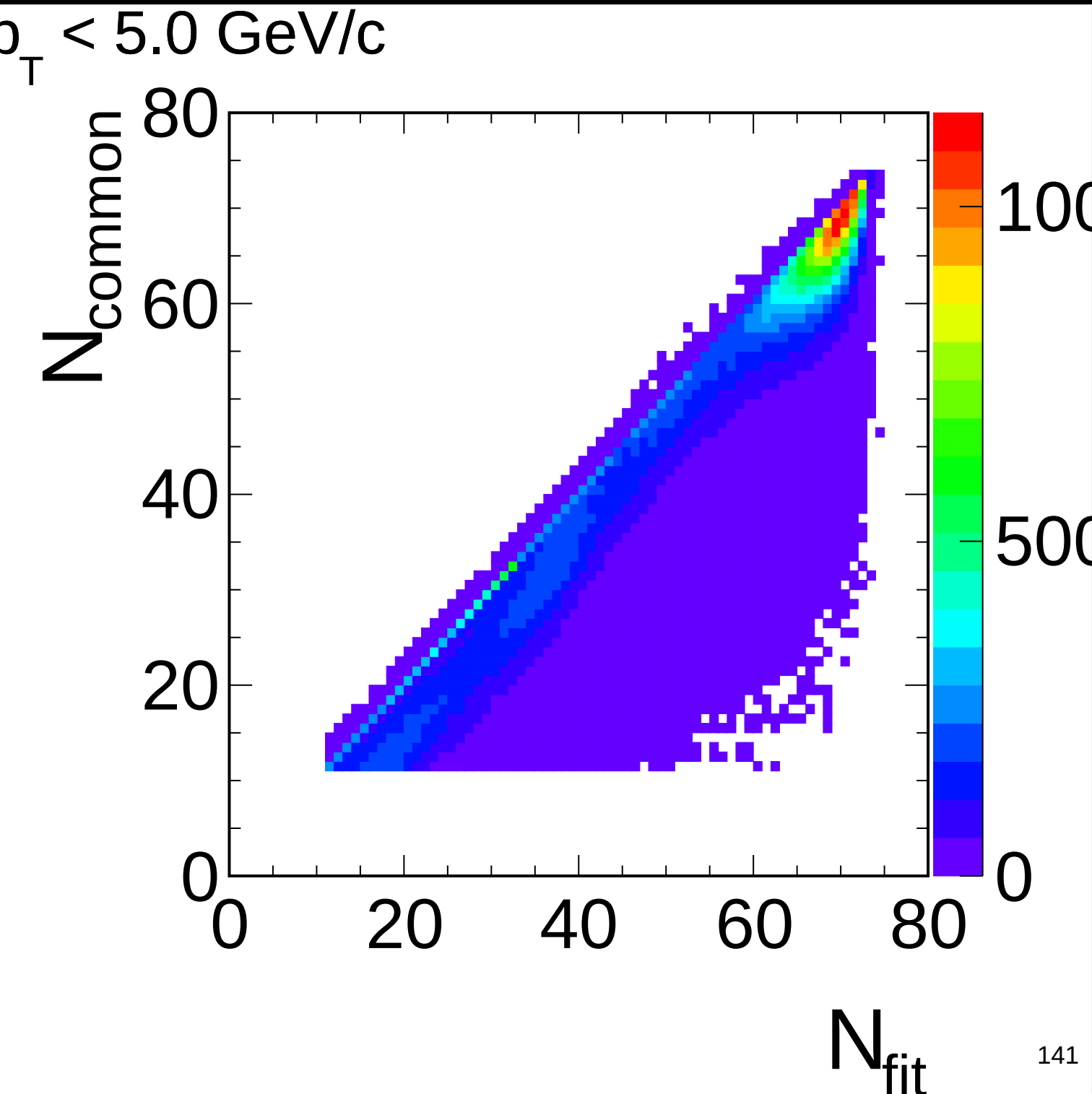
< p_T < 4.5 GeV/c



< p_T < 5.0 GeV/c

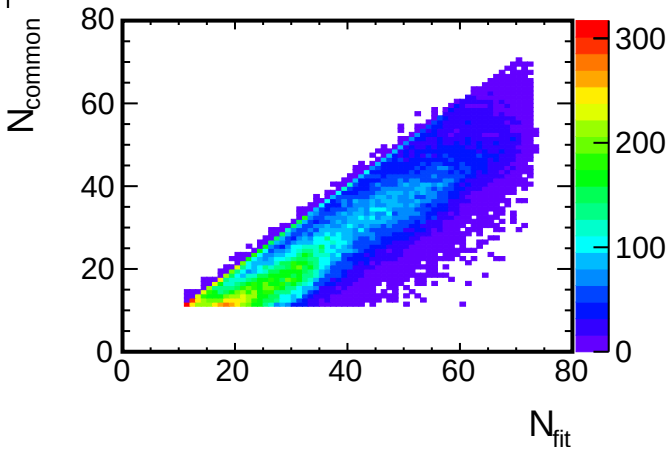


N_{common} vs N_{hit} (Embedding:He3, Real:He3)

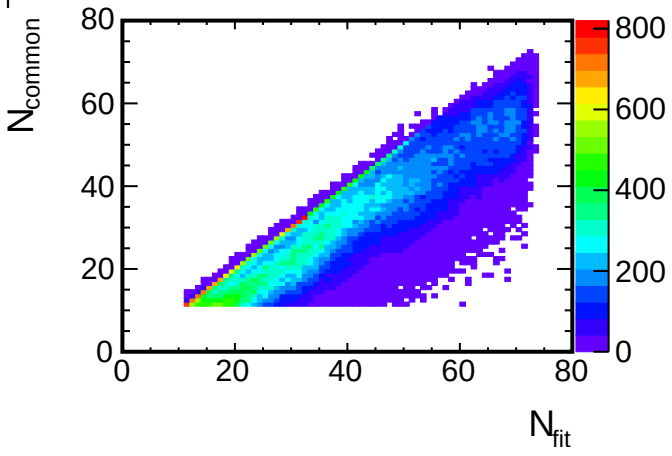


N_{common} vs N_{hit}, p_T dependence (Embedding:He3, Real:He3)

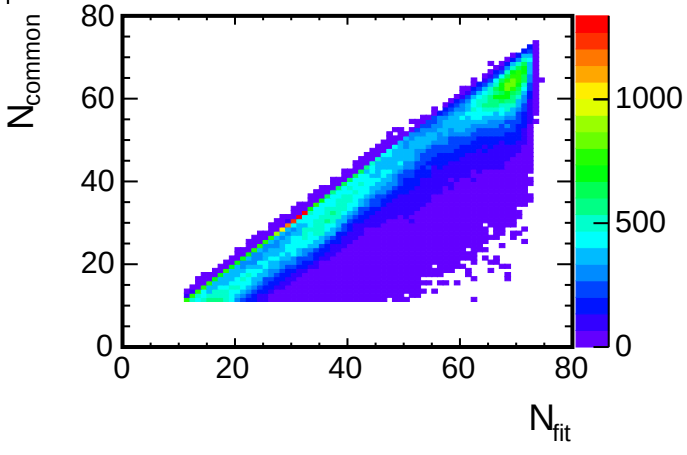
< p_T < 0.5 GeV/c



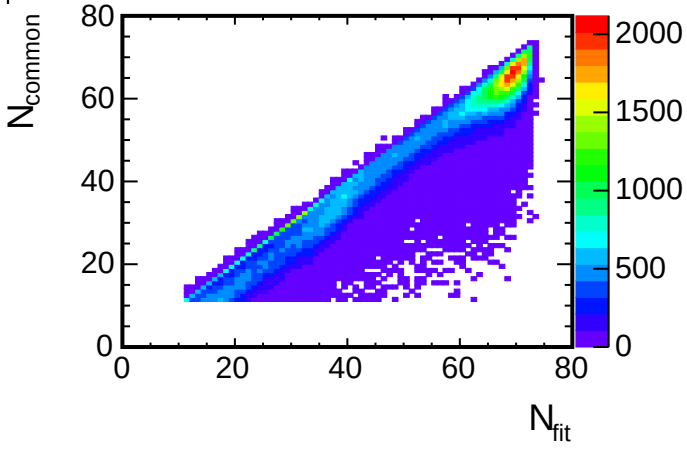
< p_T < 1.0 GeV/c



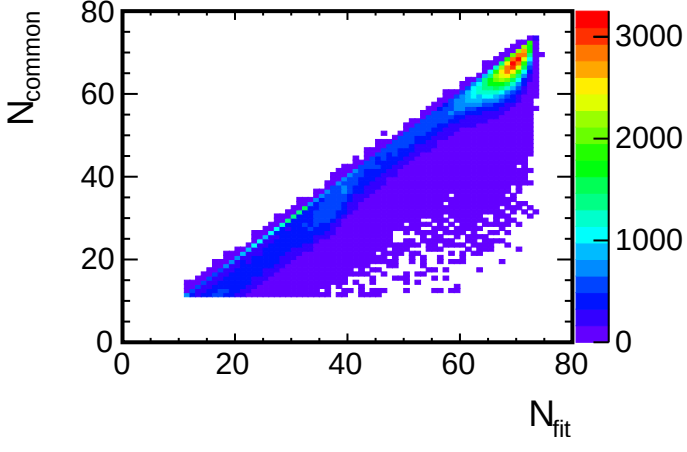
< p_T < 1.5 GeV/c



< p_T < 2.0 GeV/c

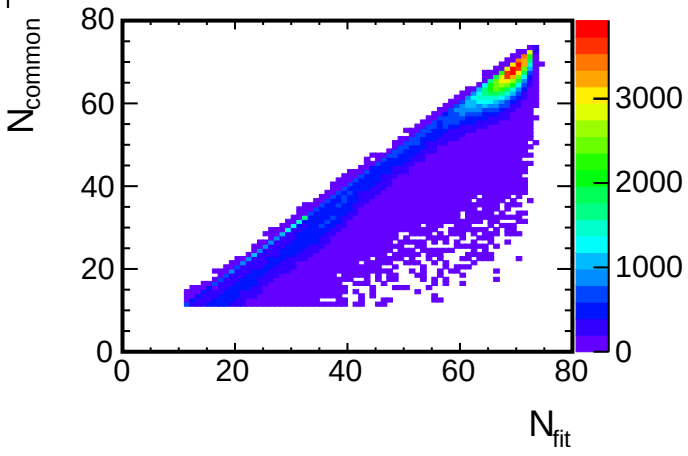


< p_T < 2.5 GeV/c

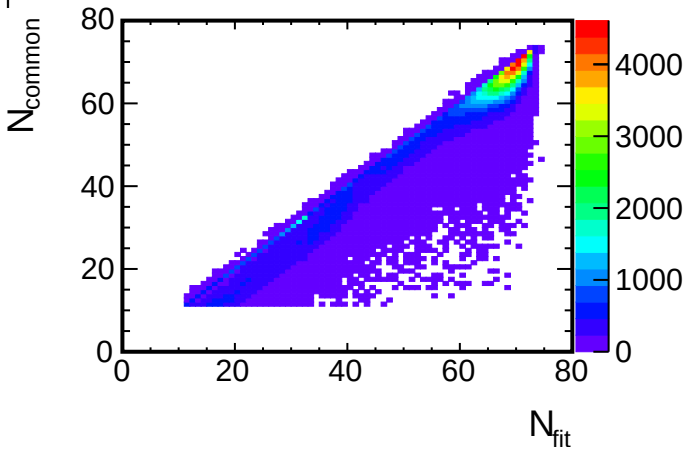


N_{common} vs N_{hit}, p_T dependence (Embedding:He3, Real:He3)

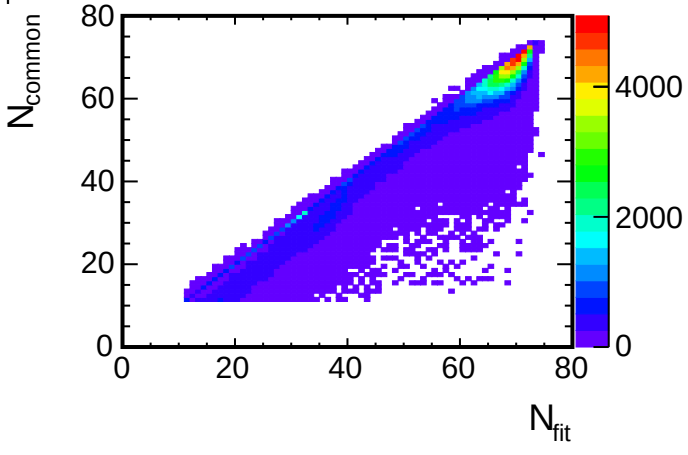
< p_T < 3.0 GeV/c



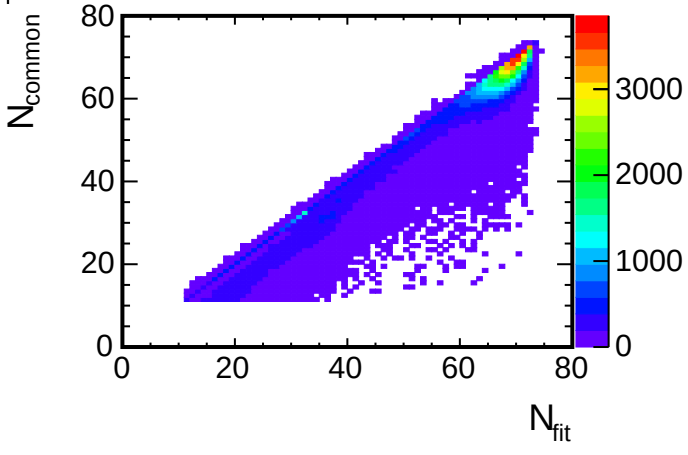
< p_T < 3.5 GeV/c



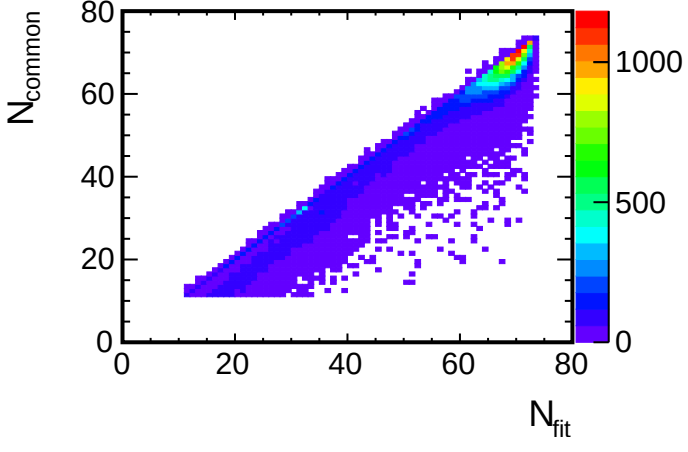
< p_T < 4.0 GeV/c



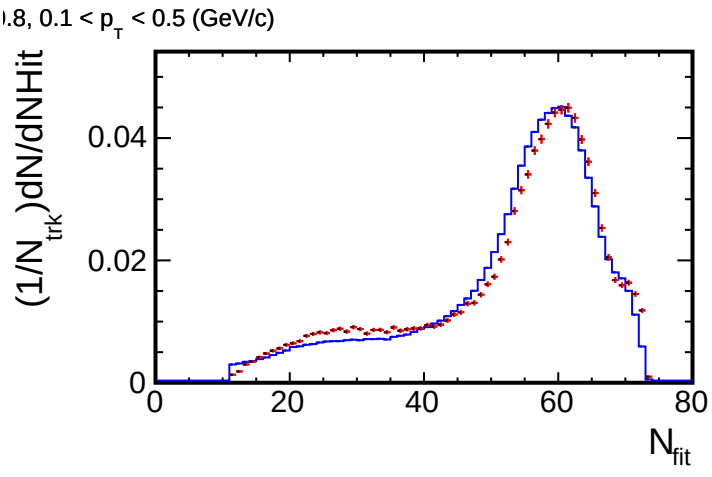
< p_T < 4.5 GeV/c

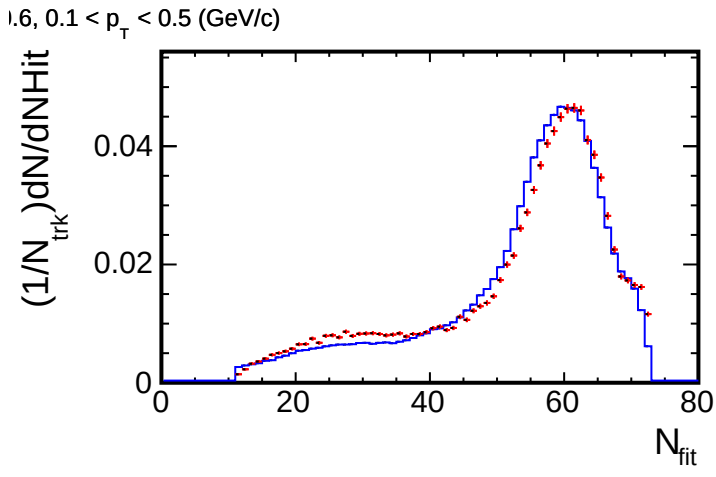


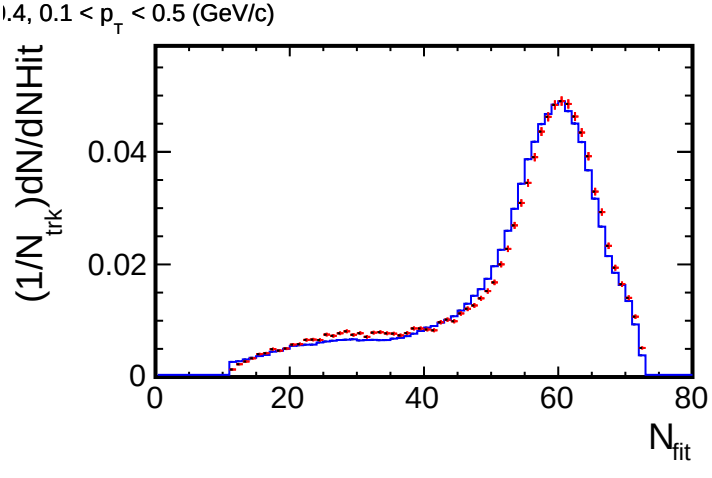
< p_T < 5.0 GeV/c

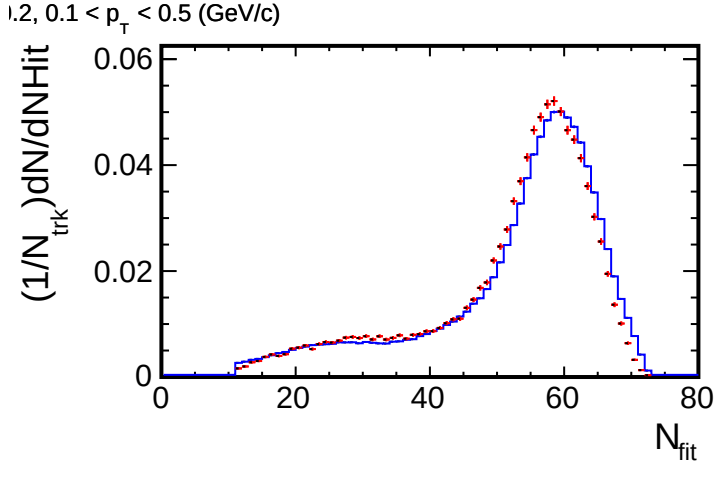


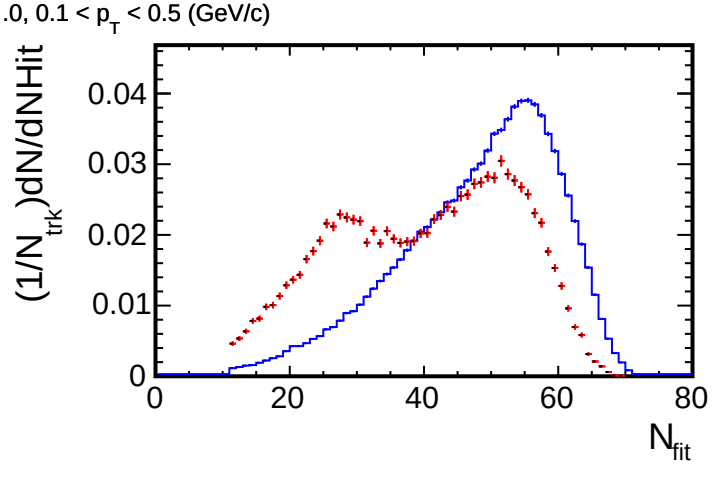
NHit distribution for (p_T, η) slices







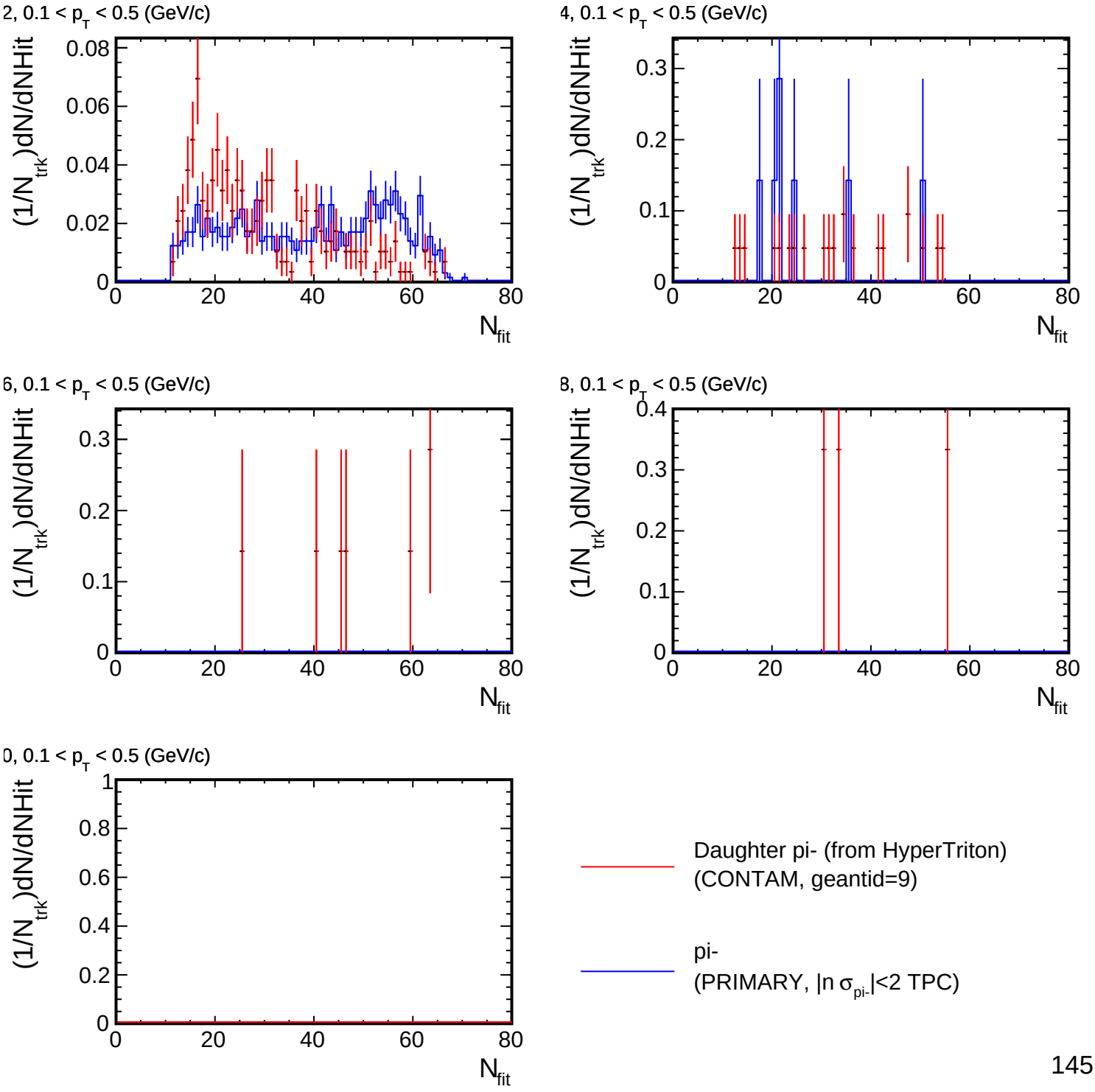




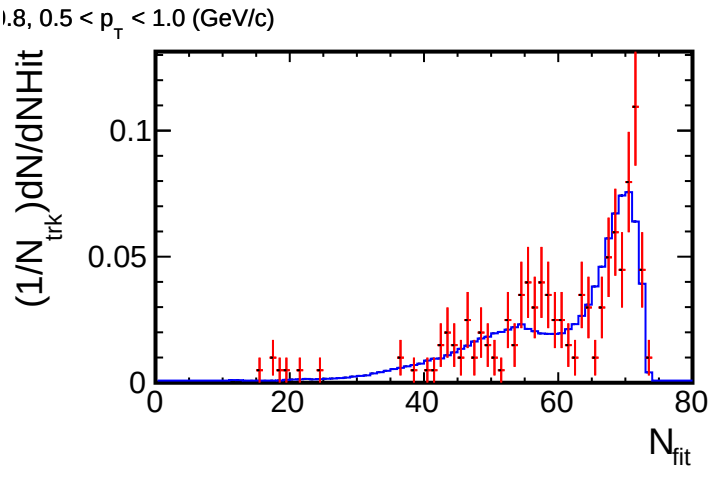
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

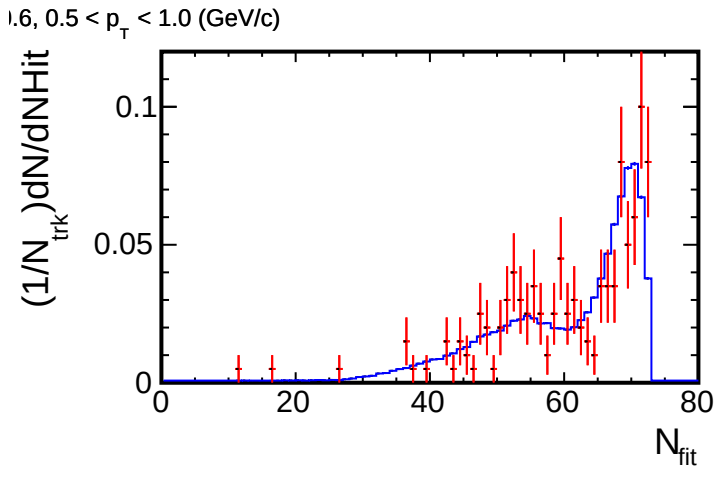
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

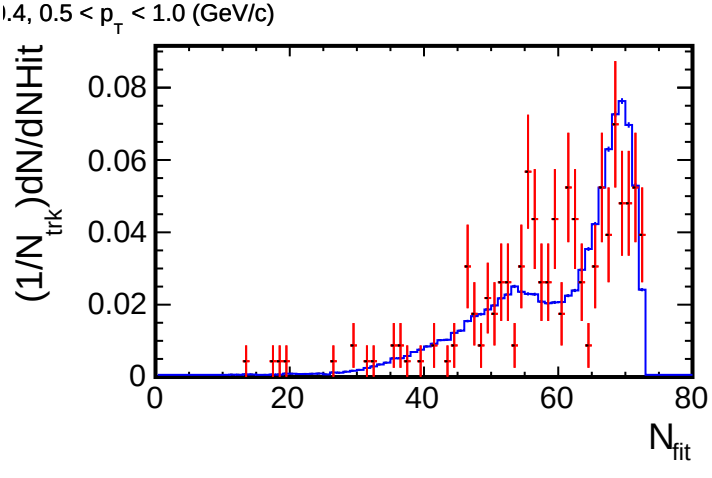
NHit distribution for (p_T, η) slices

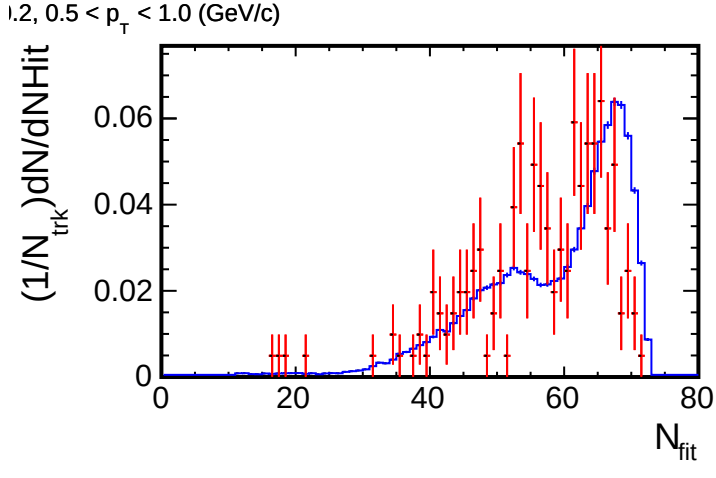


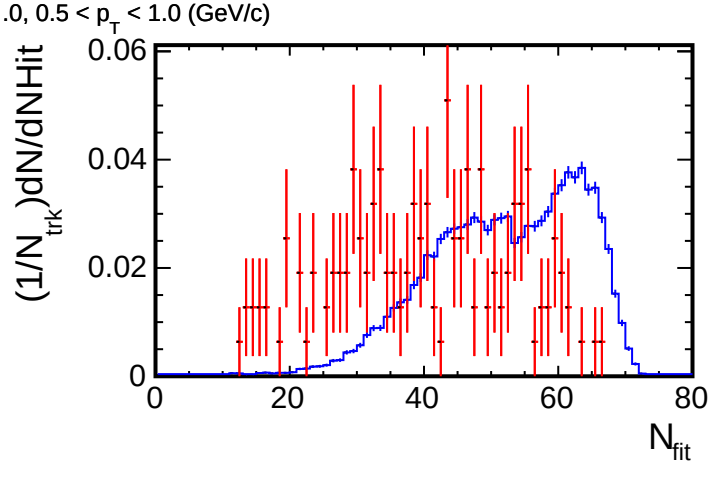
NHit distribution for (p_T, η) slices







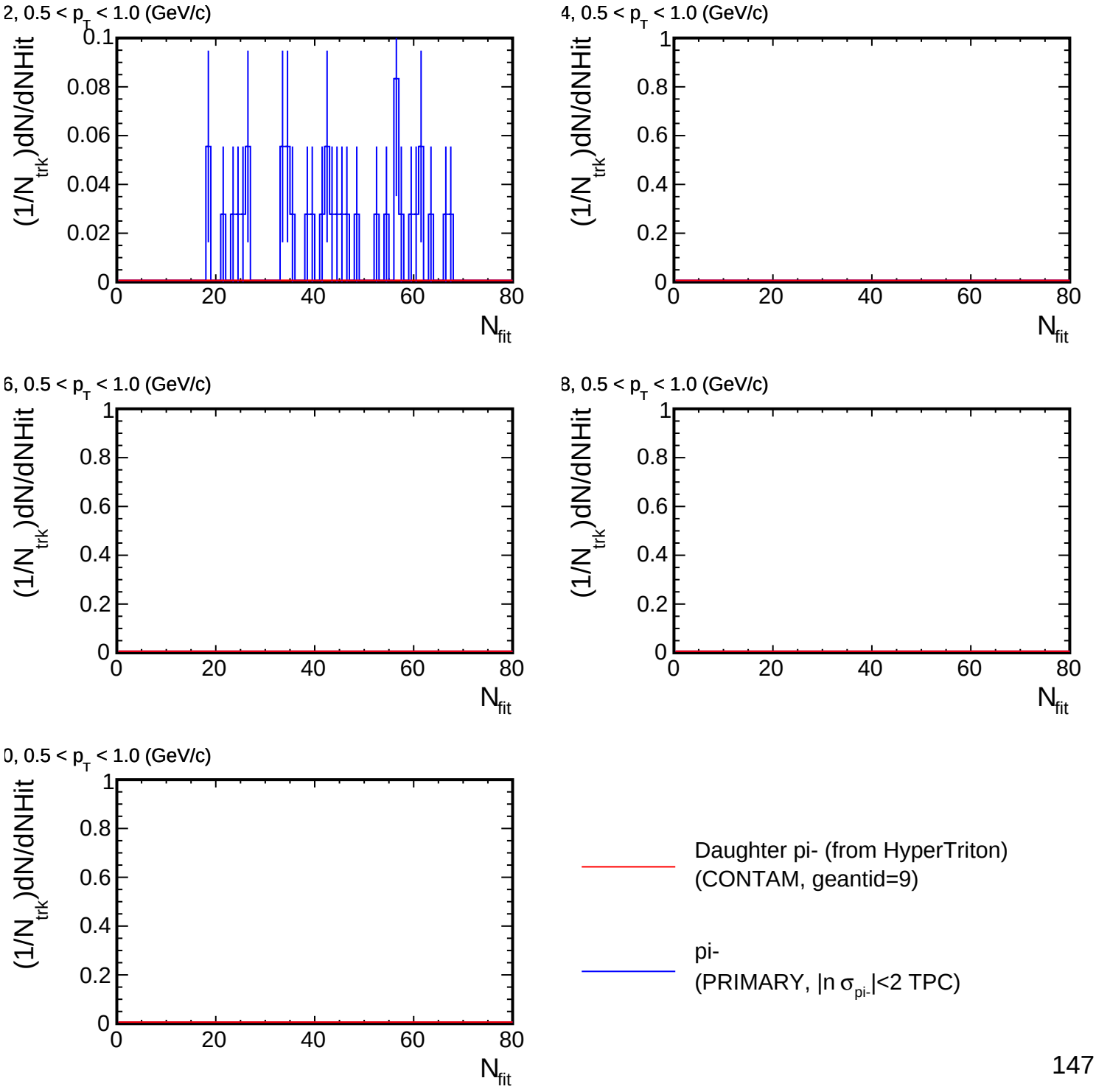




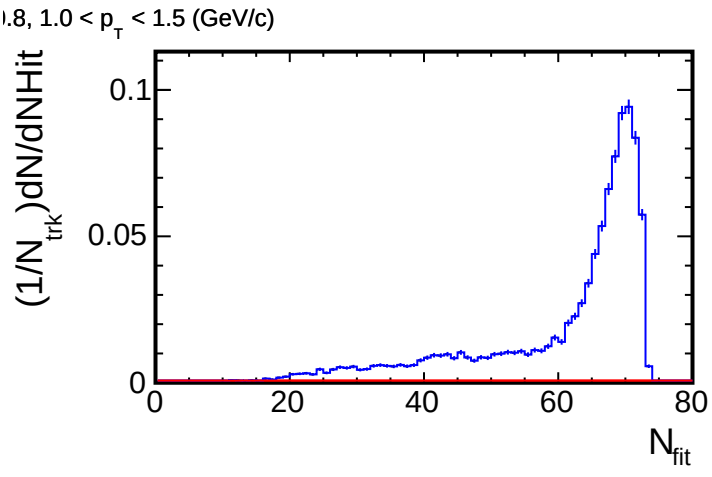
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

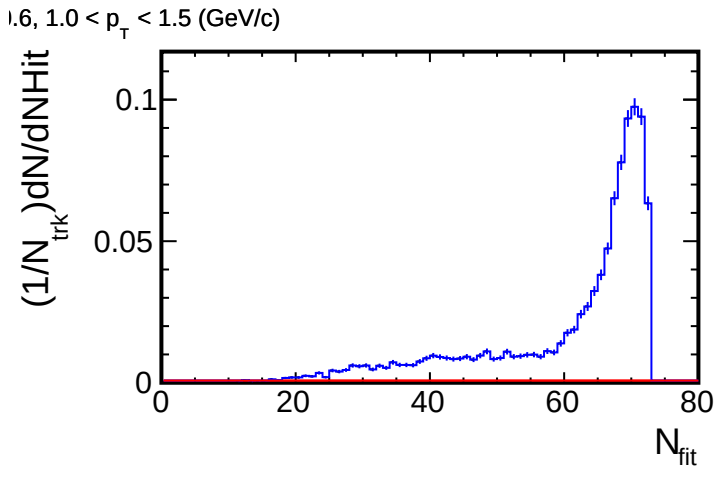
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

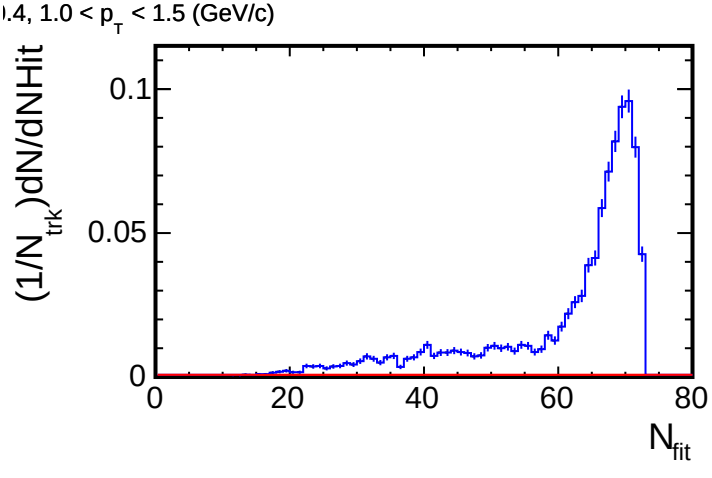
NHit distribution for (p_T, η) slices

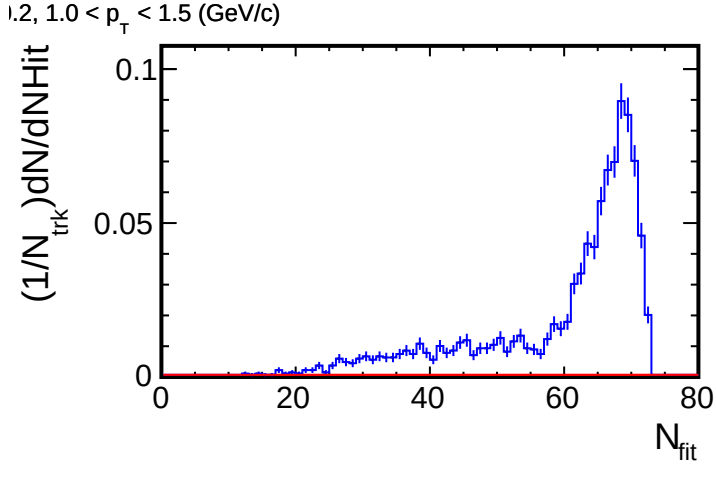


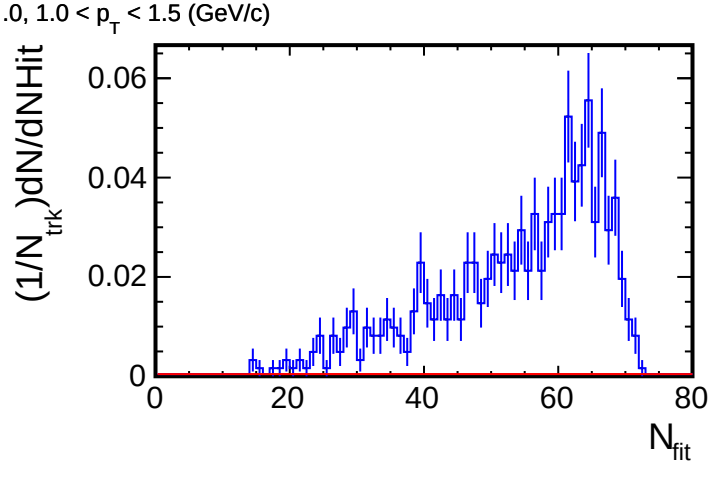
NHit distribution for (p_T, η) slices







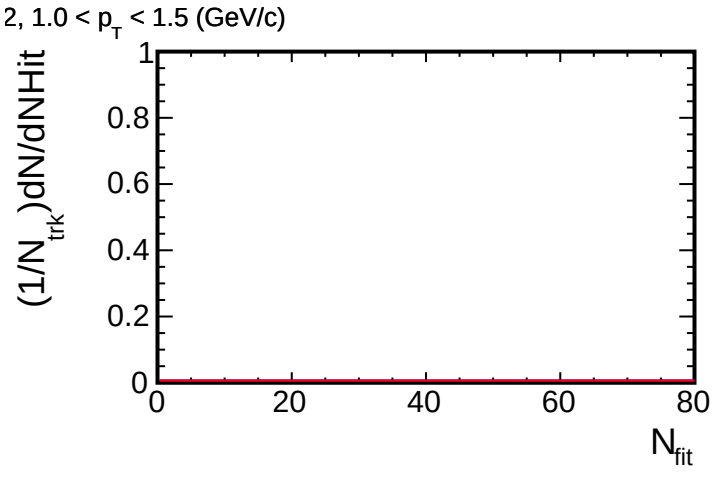


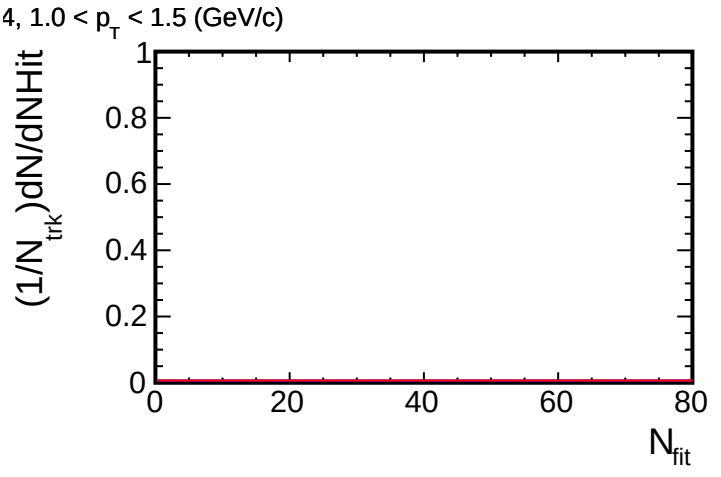


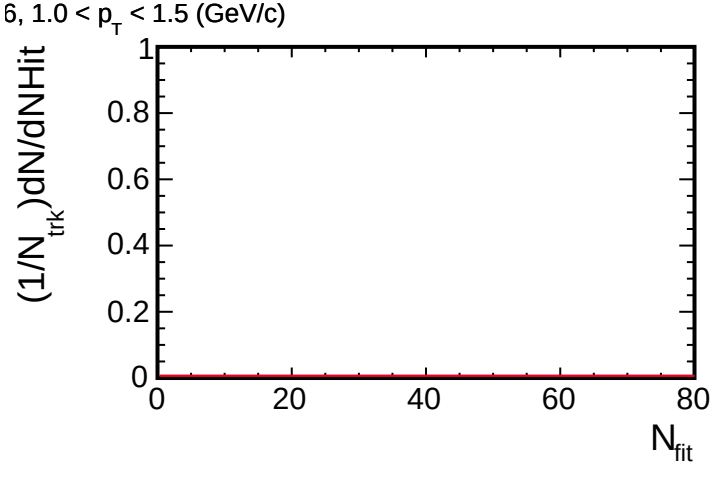
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

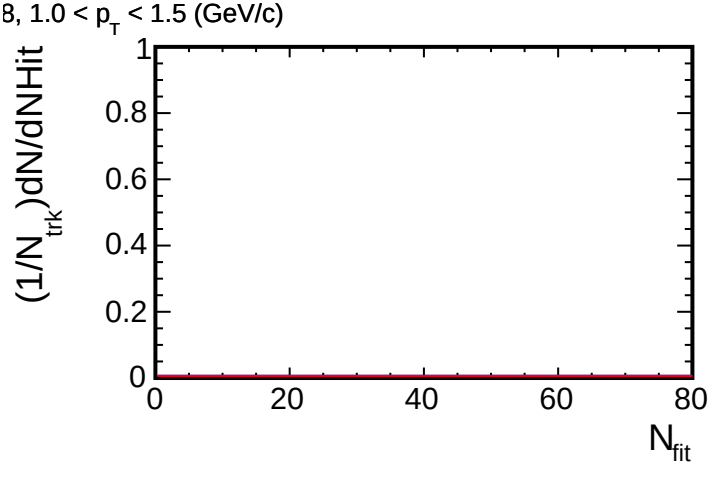
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

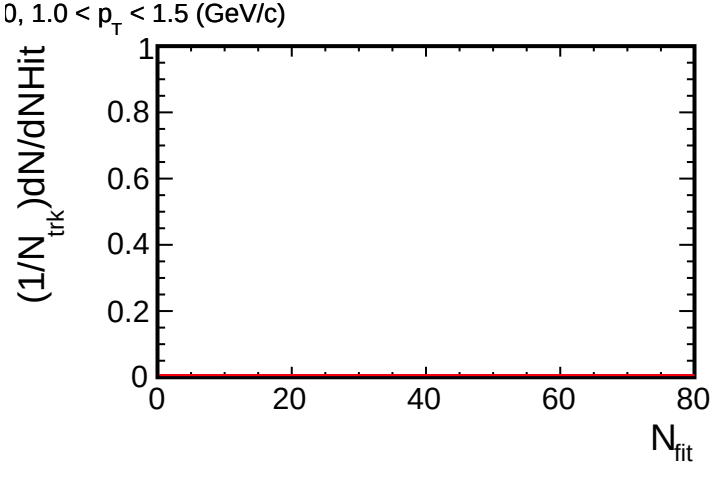
NHit distribution for (p_T, η) slices







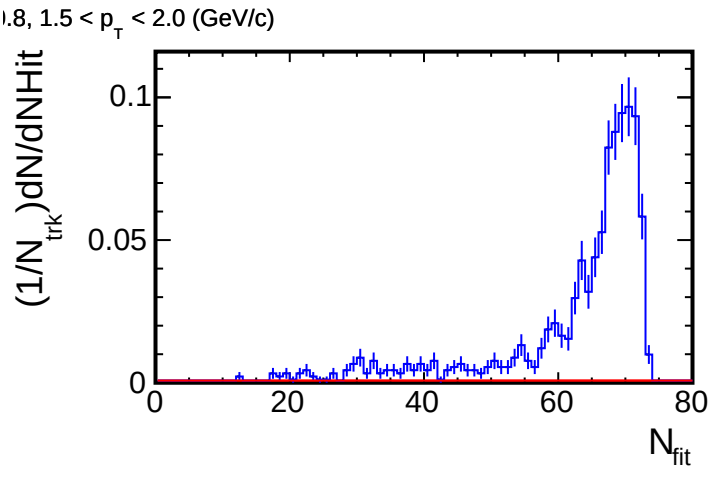


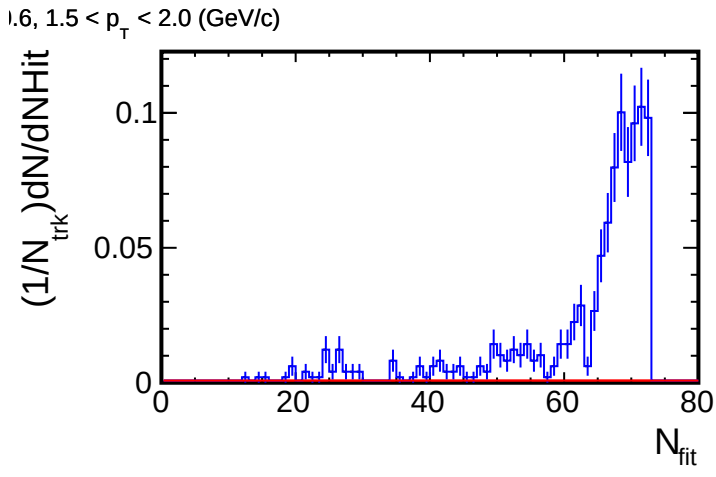


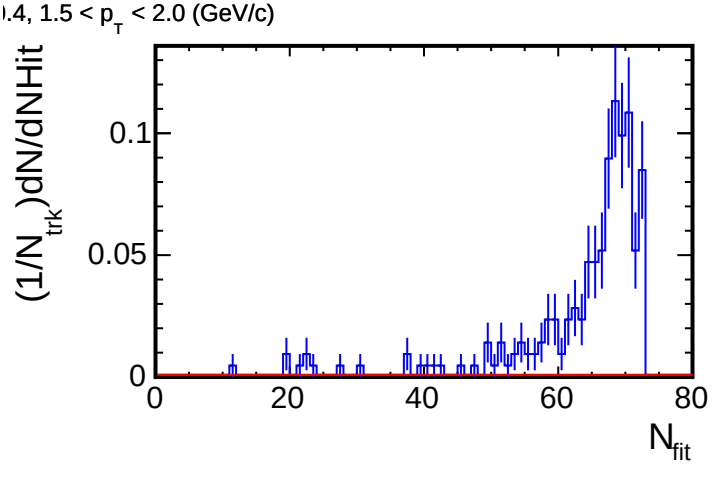
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

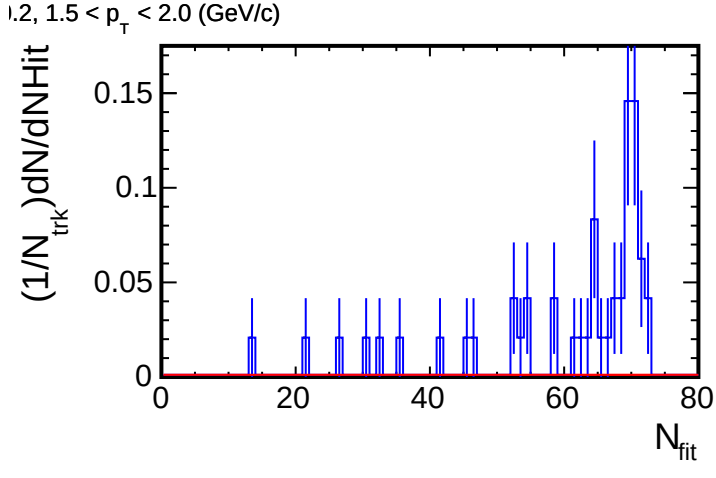
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

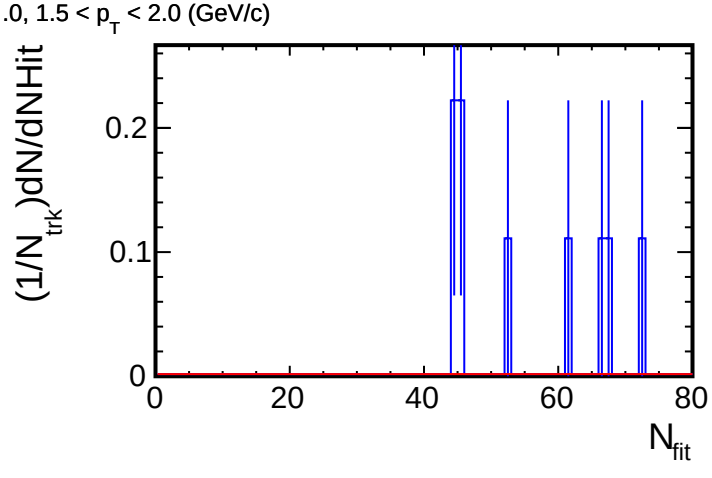
NHit distribution for (p_T, η) slices







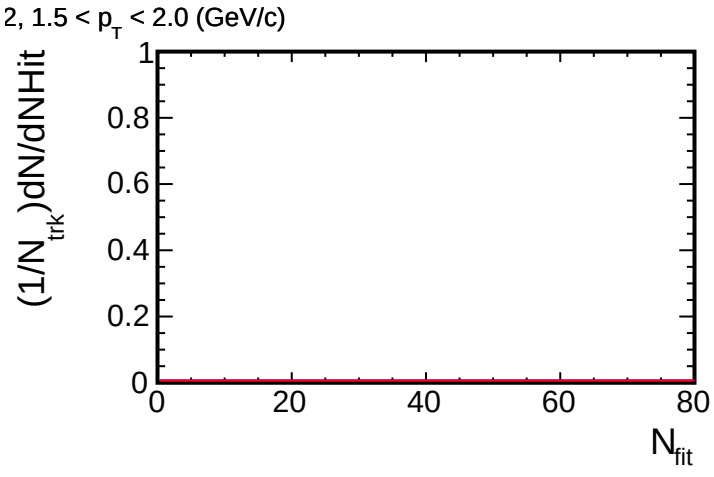


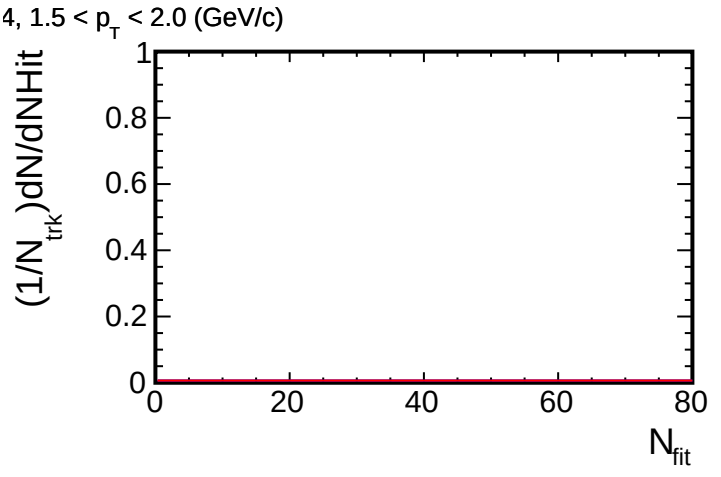


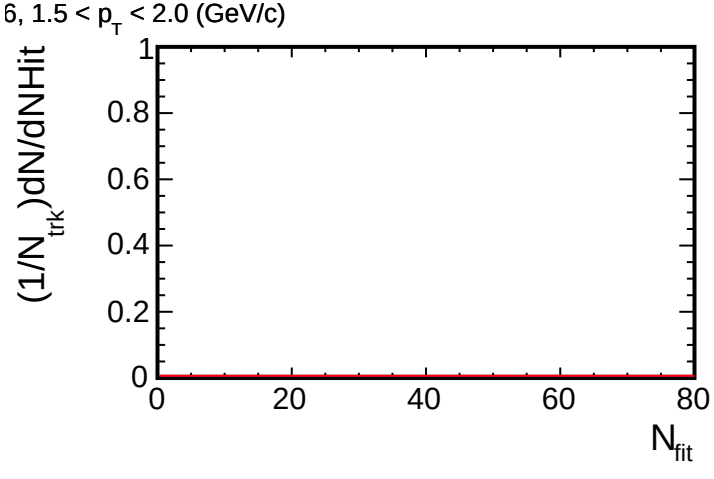
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

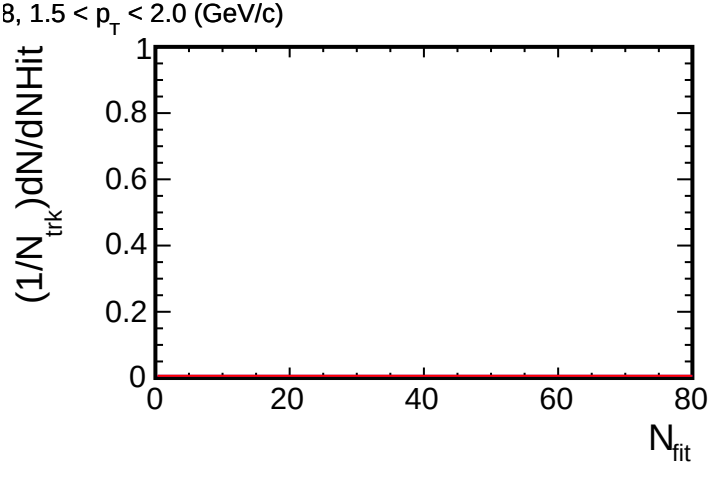
pi-
(PRIMARY, |n σ$_{pi-}$|<2 TPC)

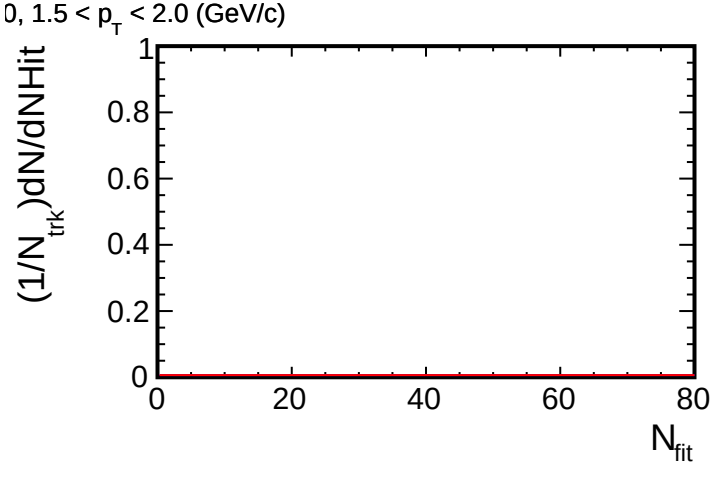
NHit distribution for (p_T, η) slices







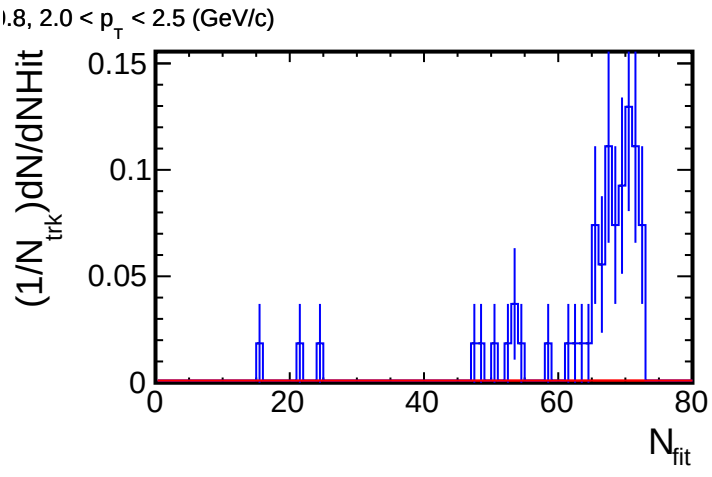


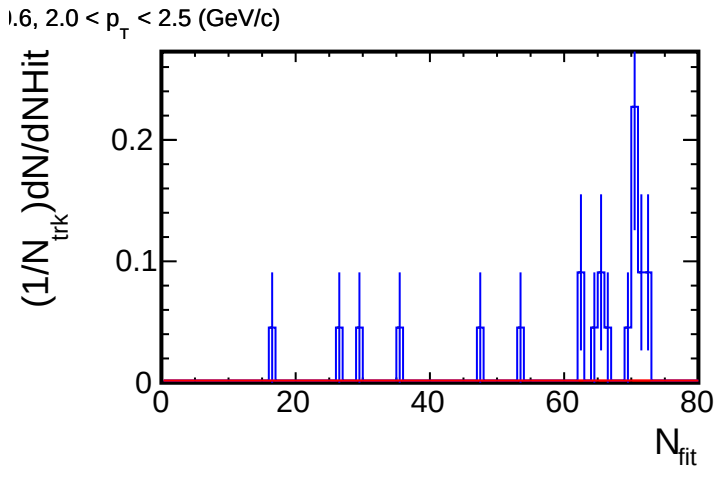


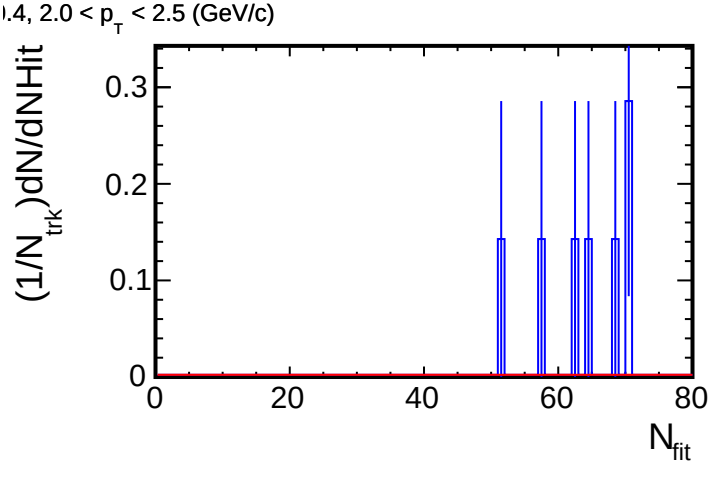
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

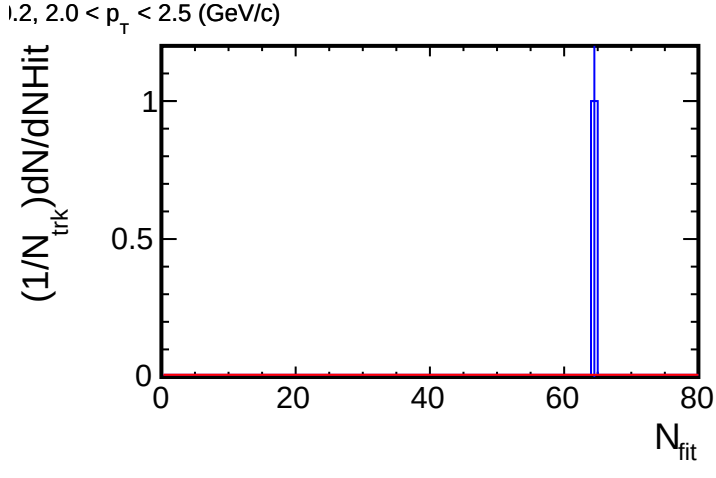
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

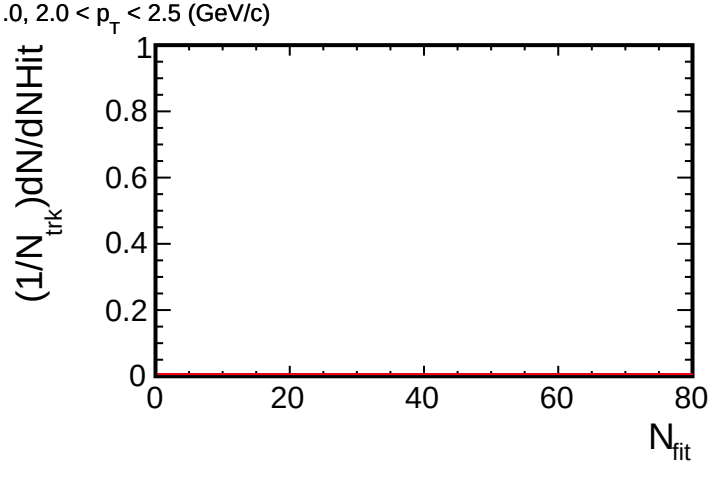
NHit distribution for (p_T, η) slices







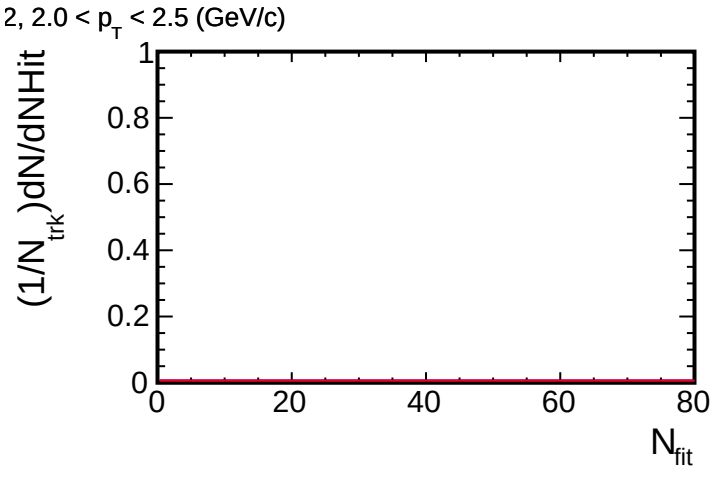


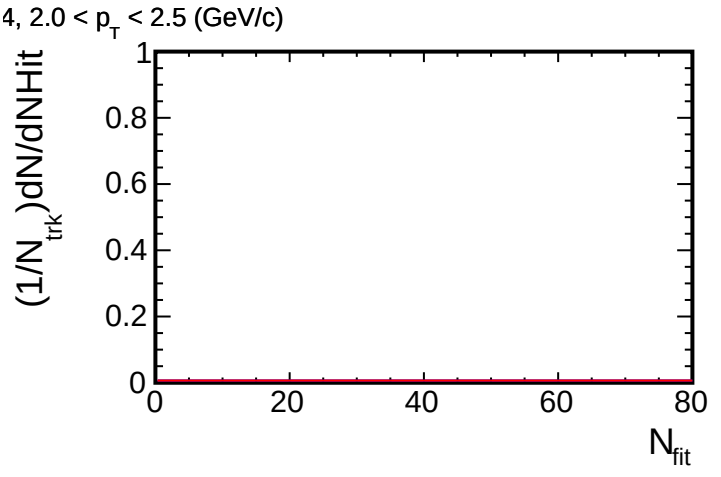


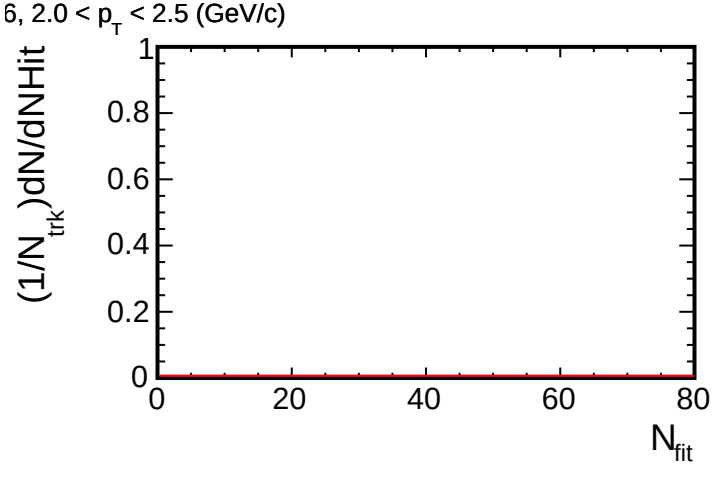
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

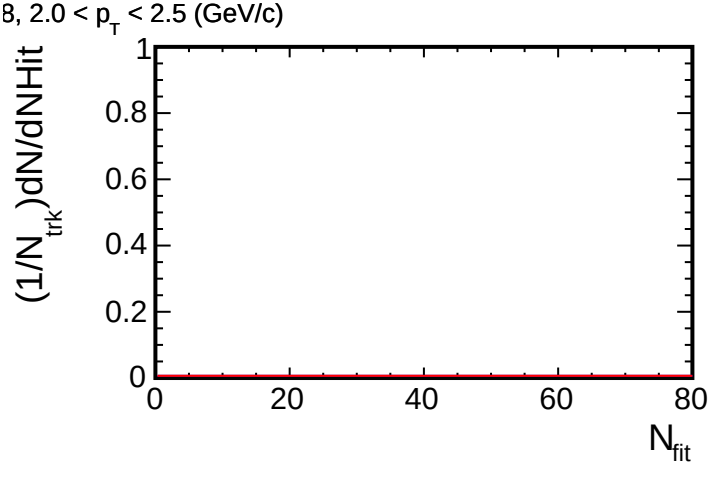
pi-
(PRIMARY, |n σ$_{pi-}$|<2 TPC)

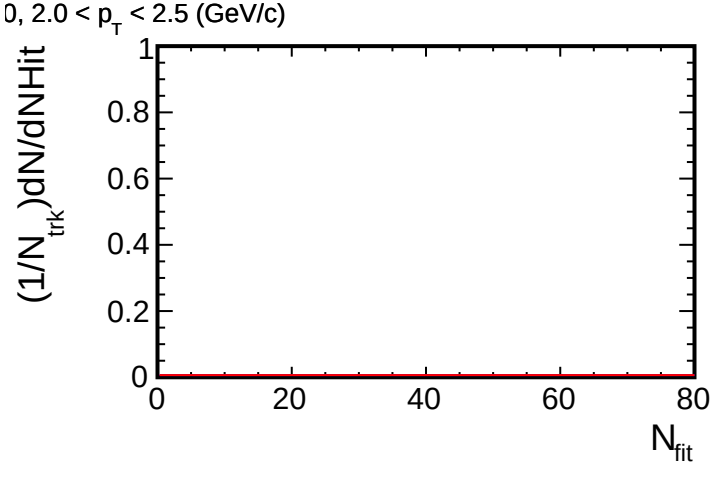
NHit distribution for (p_T, η) slices







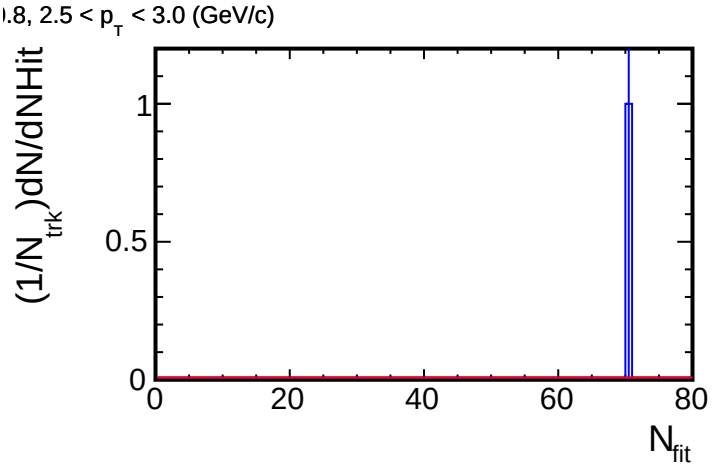


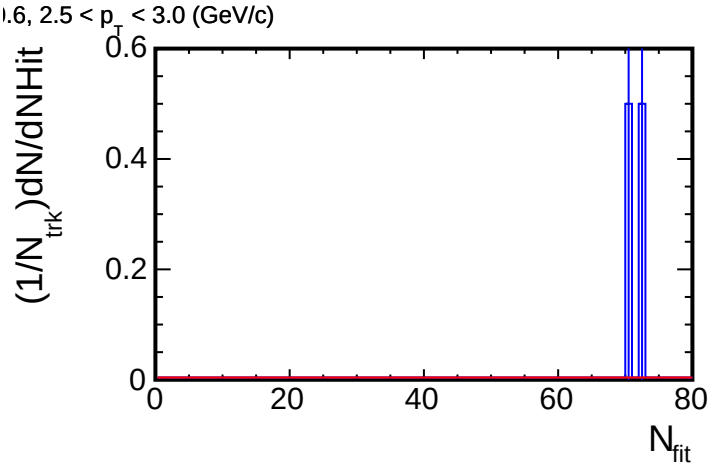


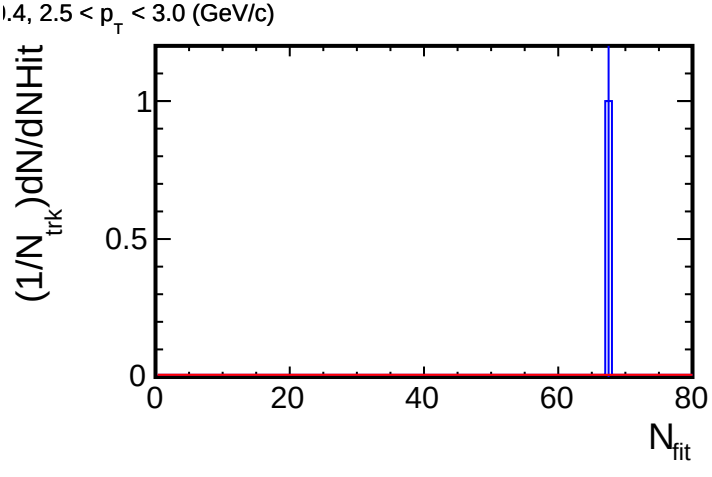
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

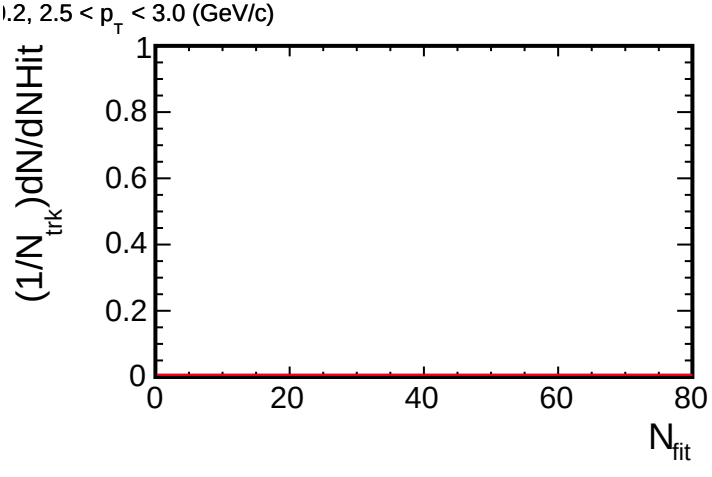
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

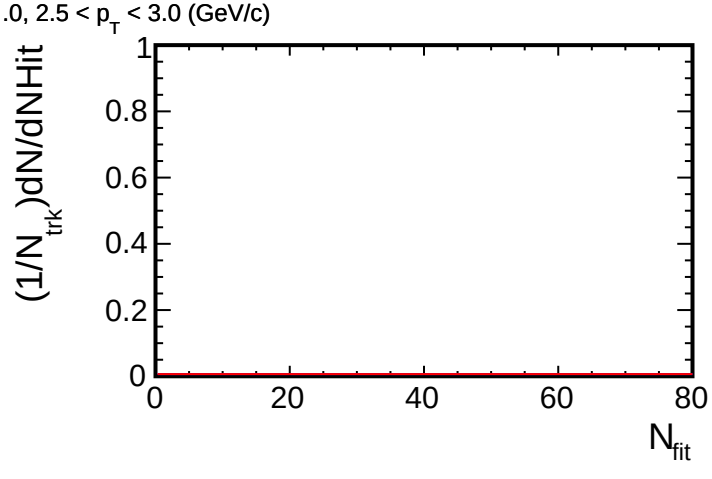
NHit distribution for (p_T, η) slices







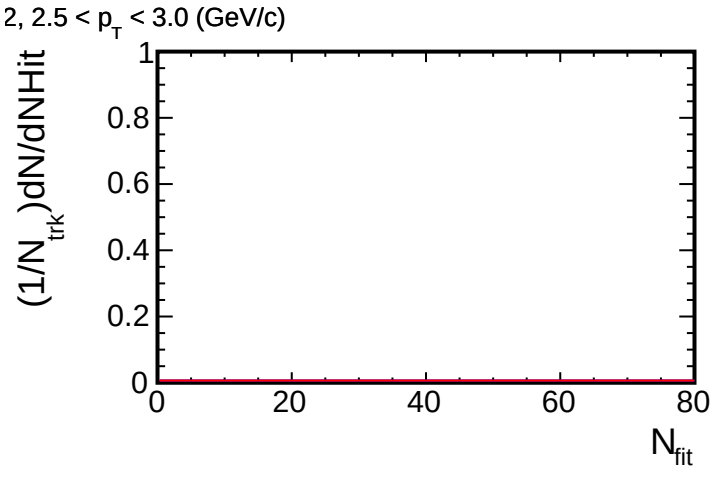


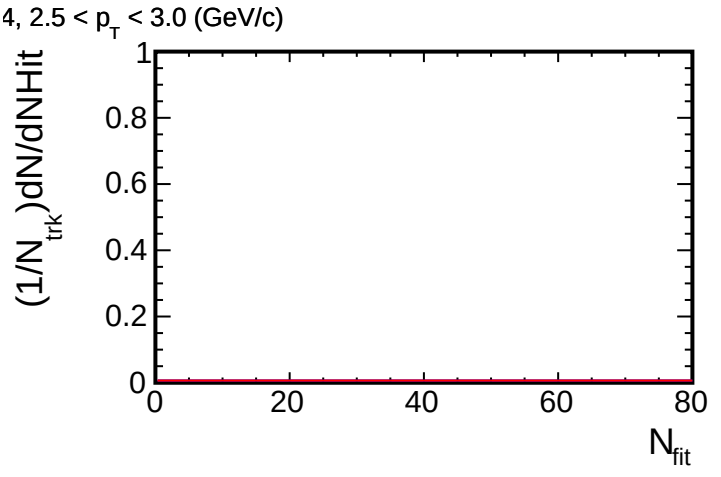


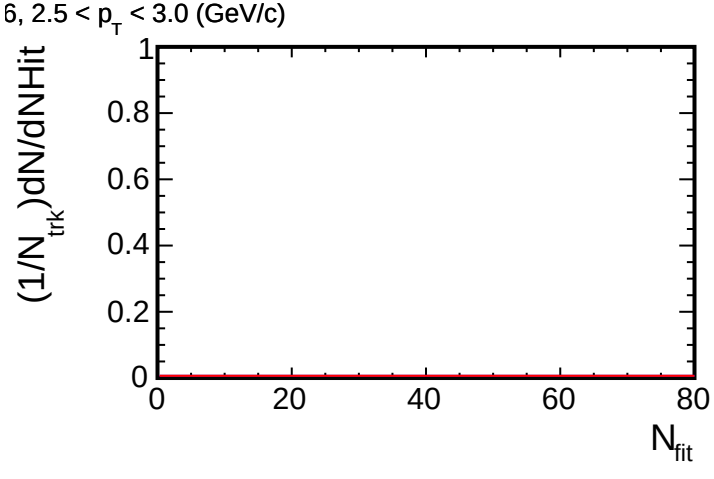
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

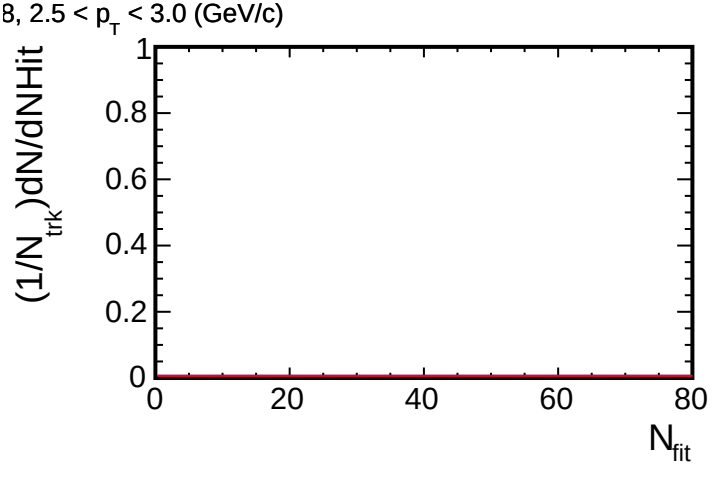
pi-
(PRIMARY, |n σ$_{pi-}$|<2 TPC)

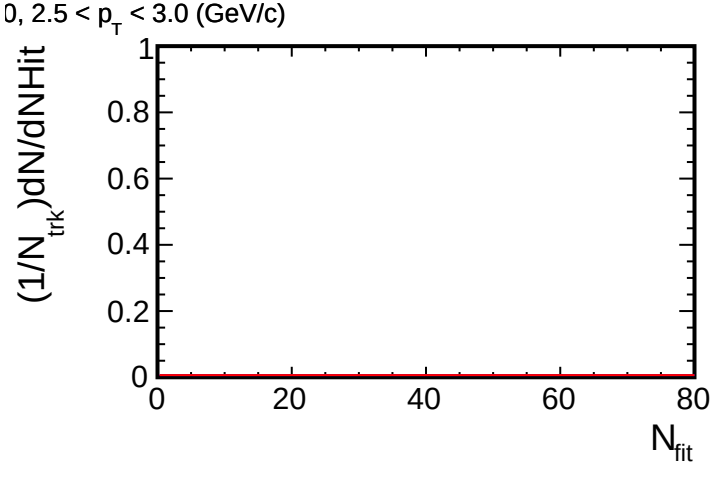
NHit distribution for (p_T, η) slices







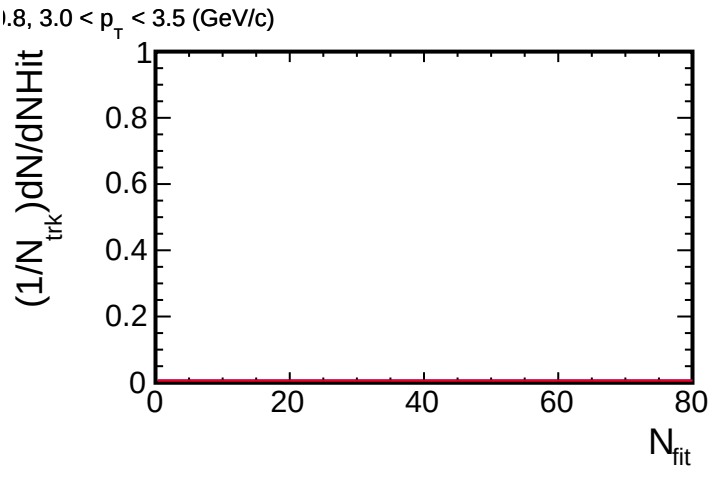


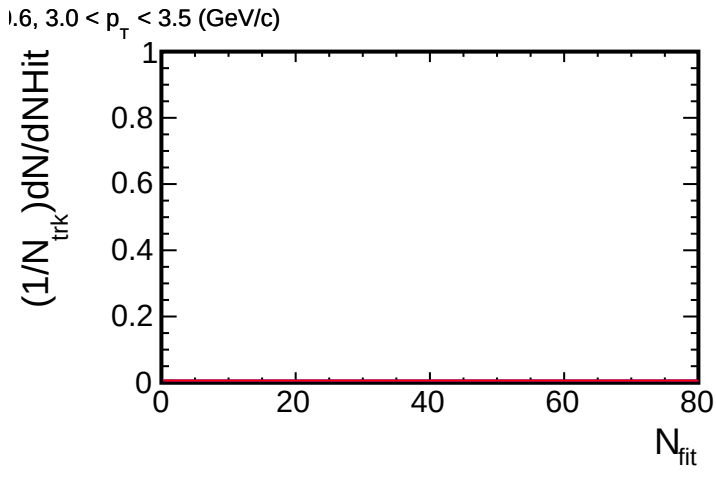


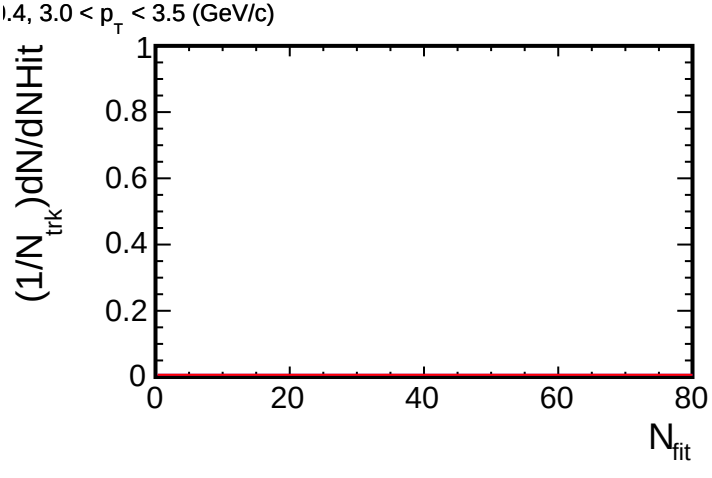
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

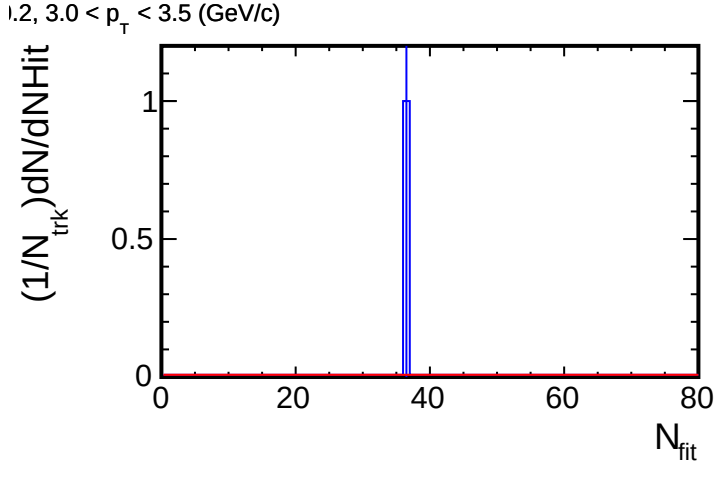
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

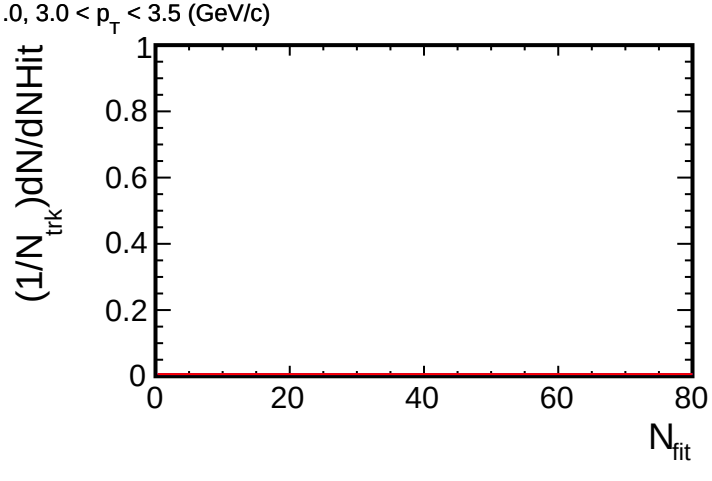
NHit distribution for (p_T, η) slices







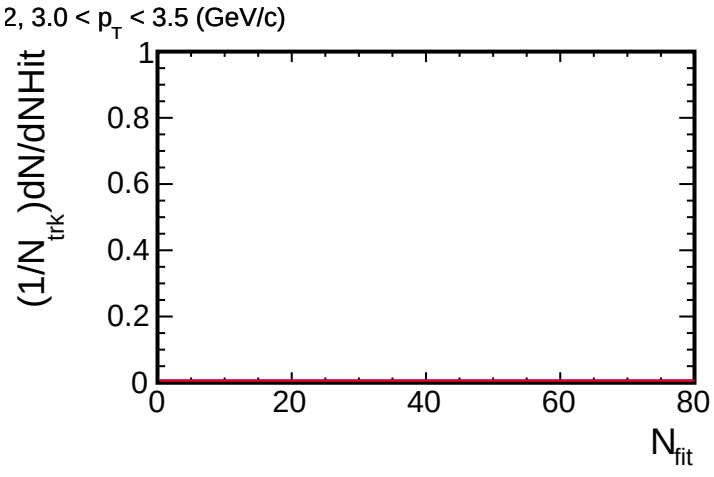


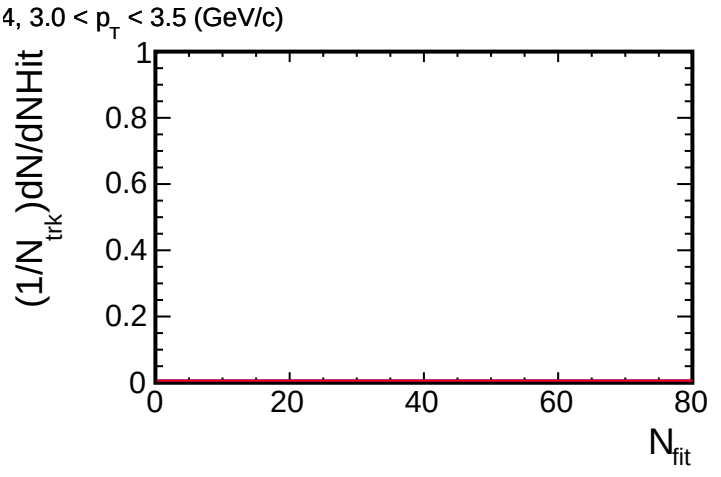


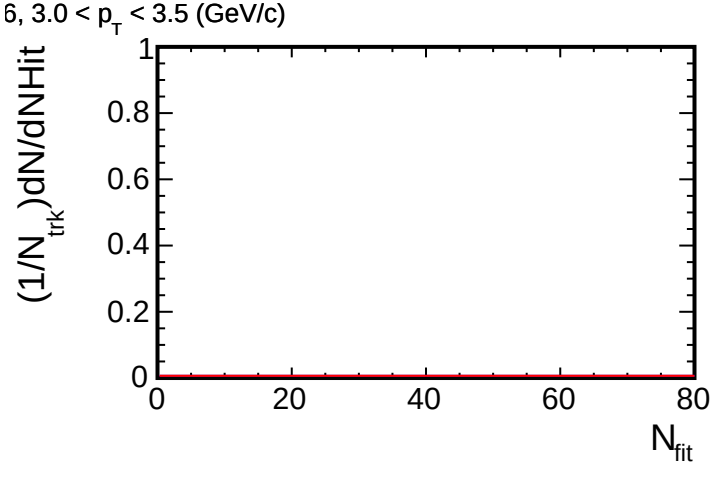
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

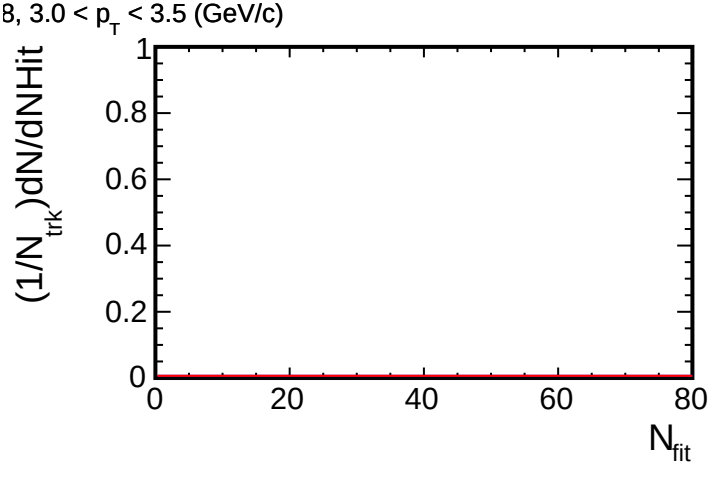
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

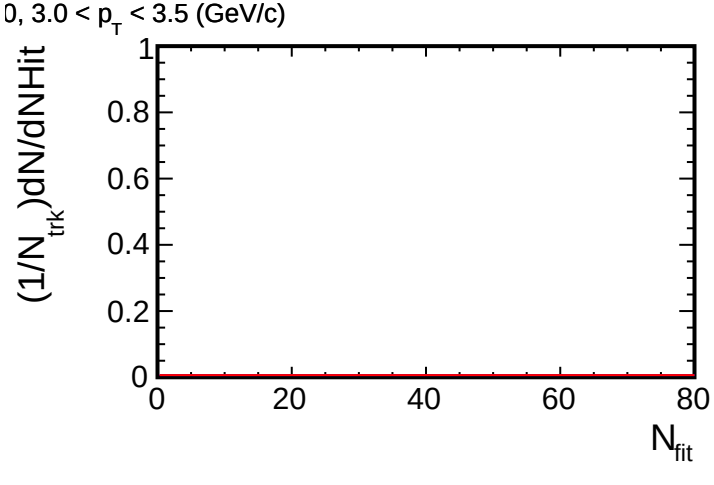
NHit distribution for (p_T, η) slices







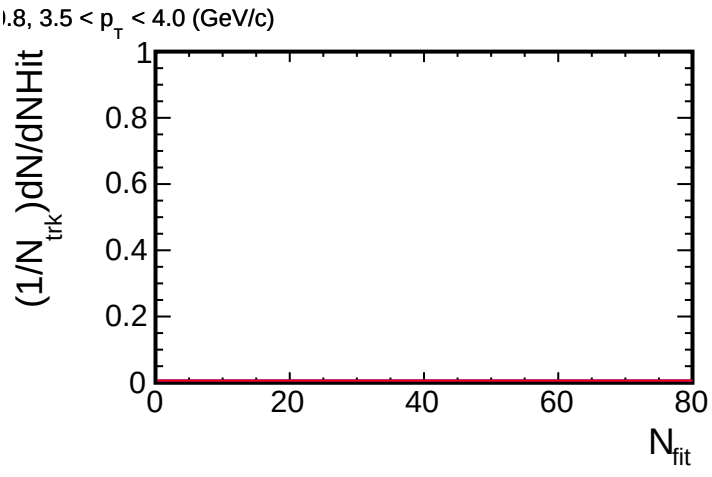


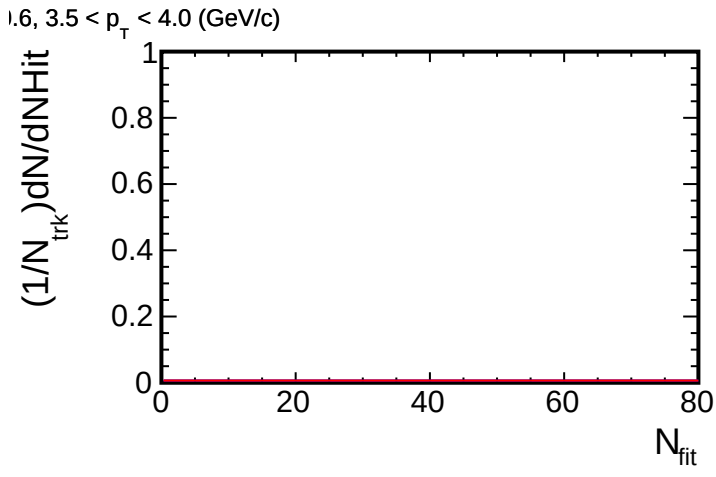


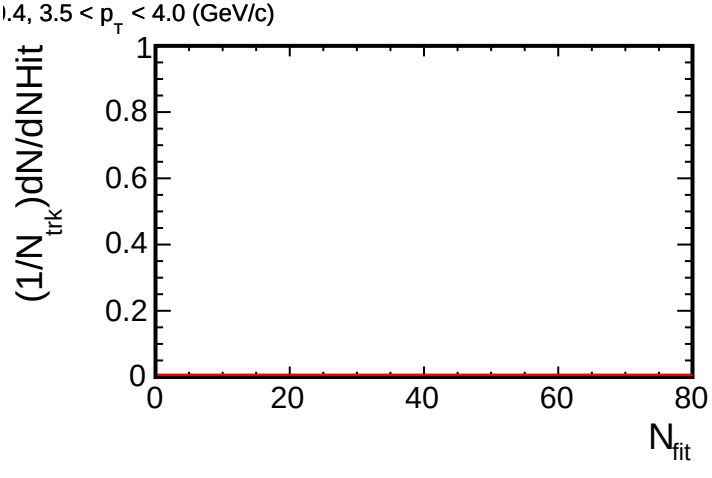
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

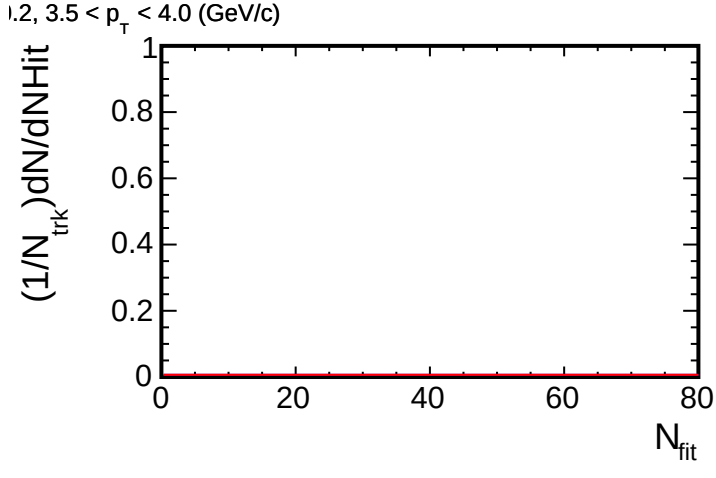
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

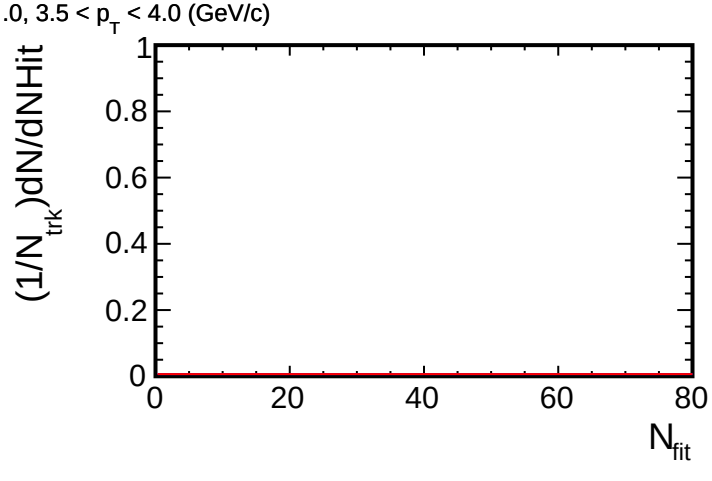
NHit distribution for (p_T, η) slices







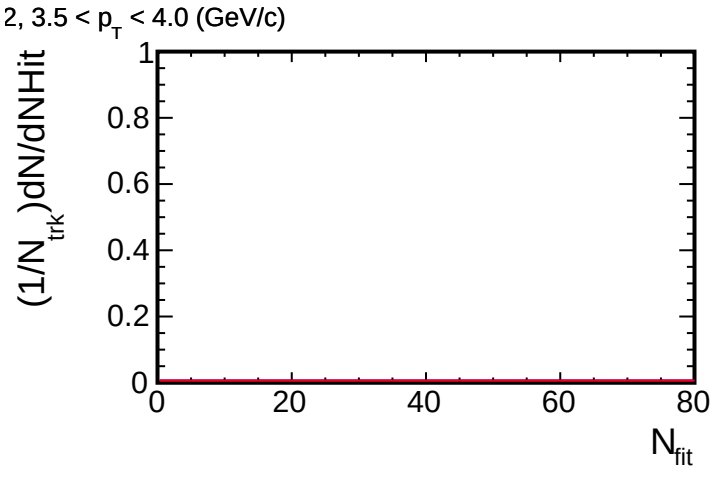


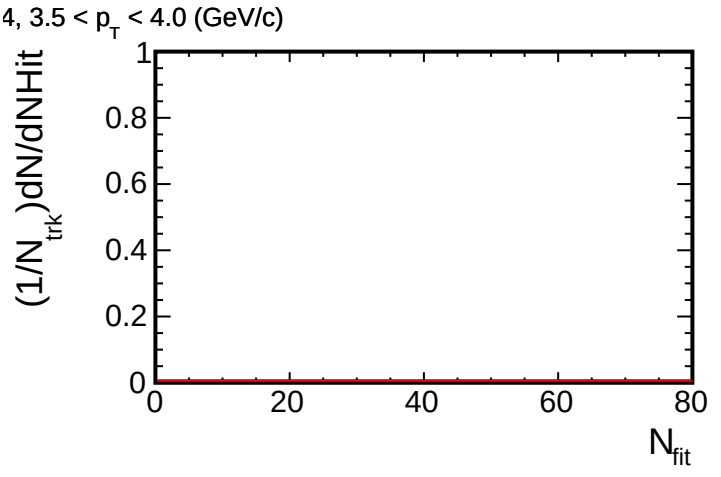


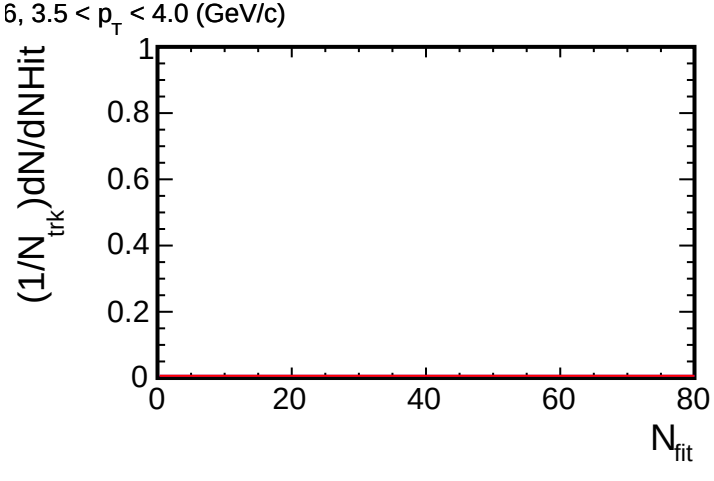
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

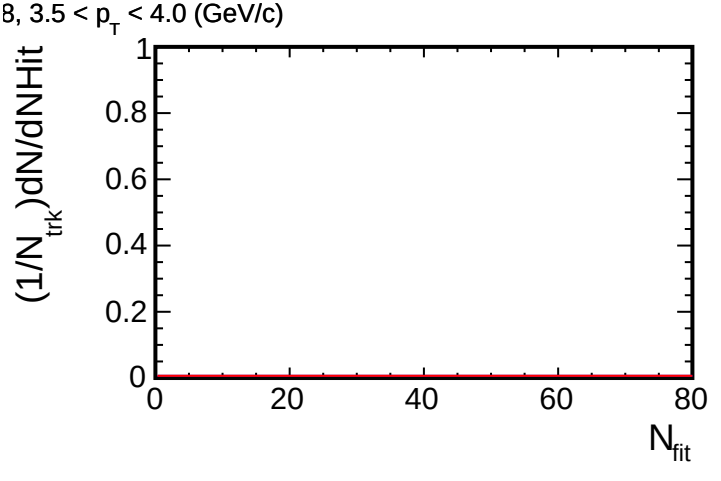
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

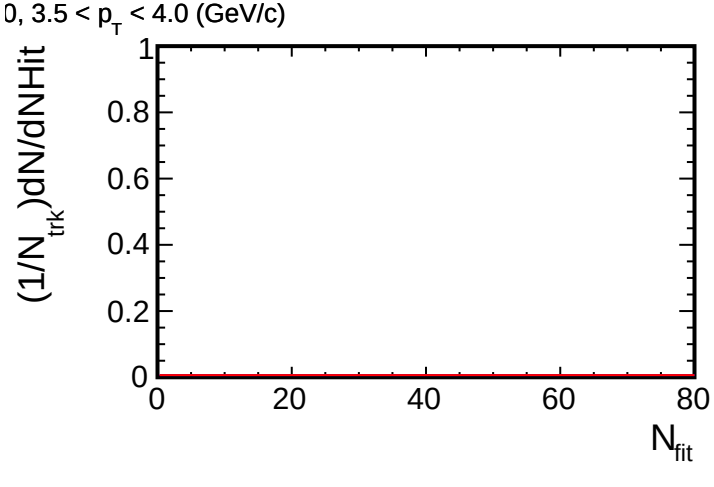
NHit distribution for (p_T, η) slices







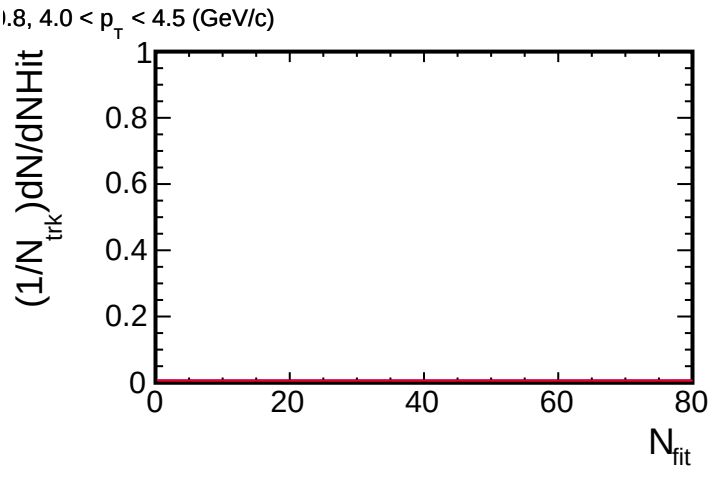


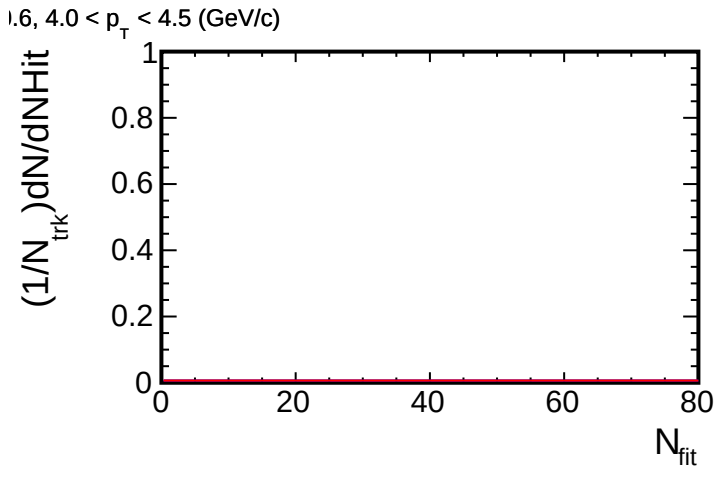


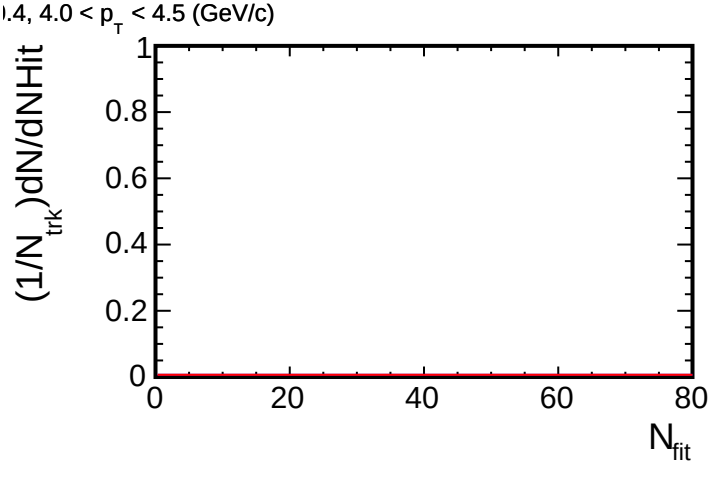
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

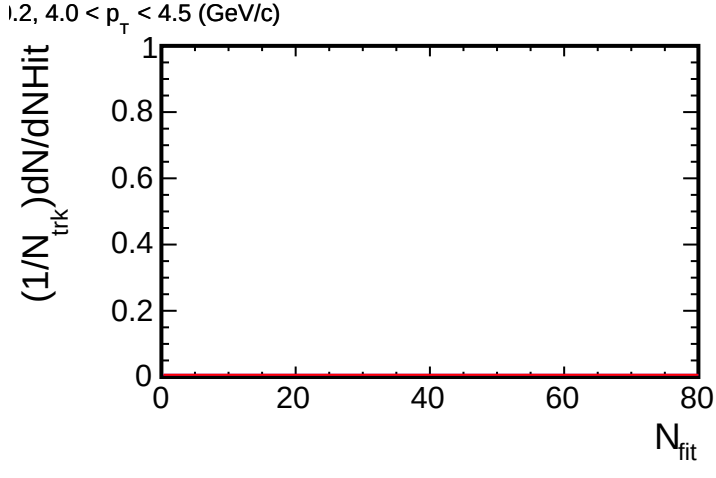
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

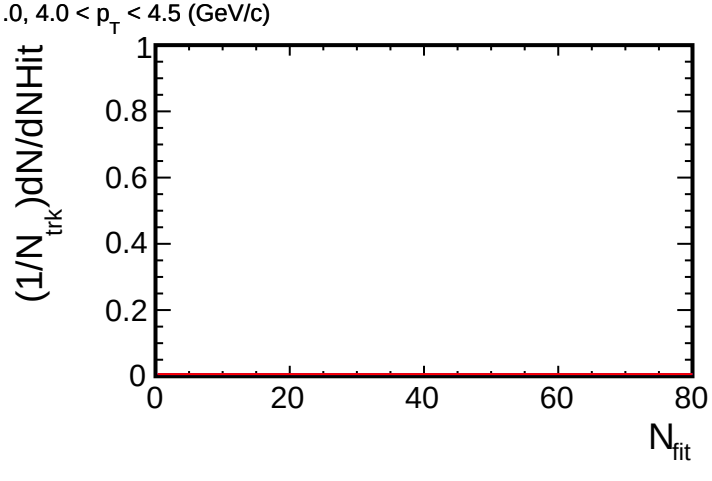
NHit distribution for (p_T, η) slices







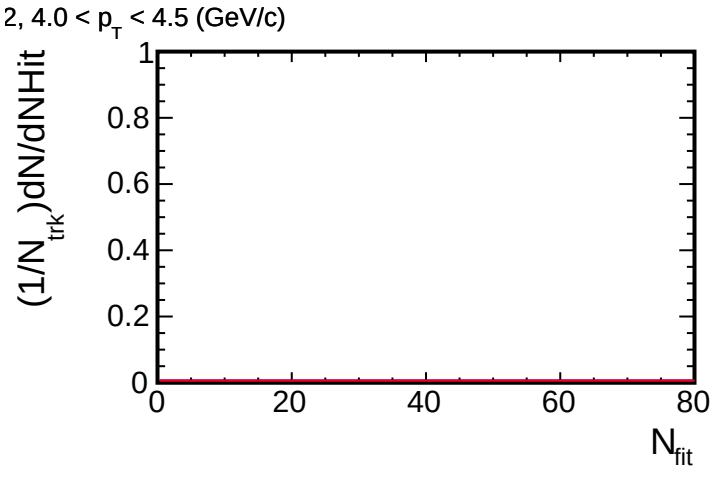


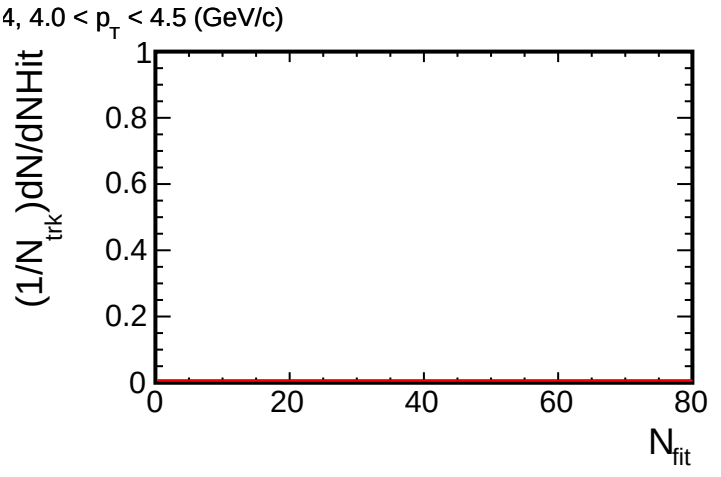


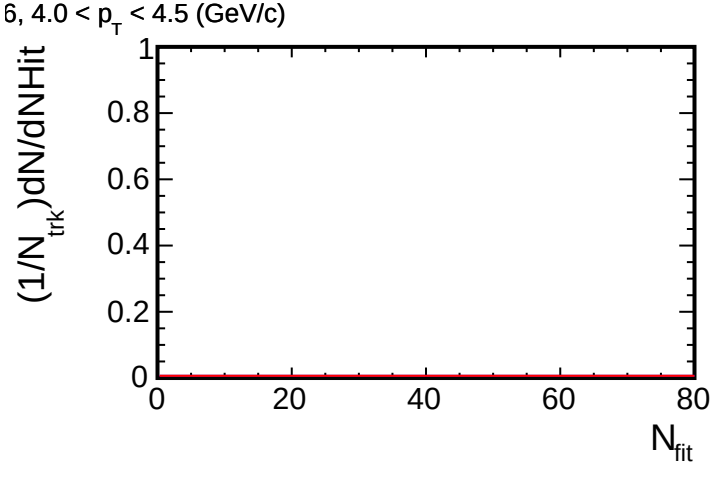
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

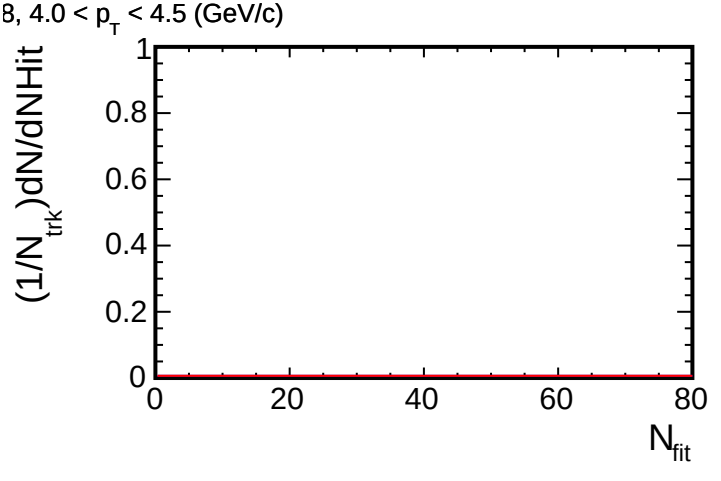
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

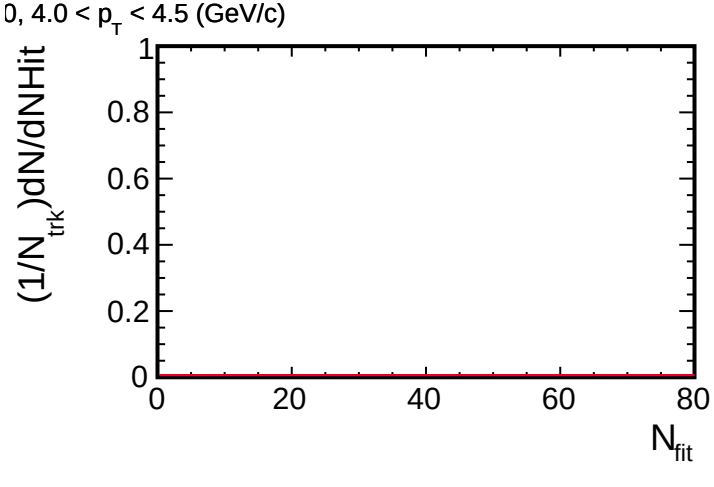
NHit distribution for (p_T, η) slices







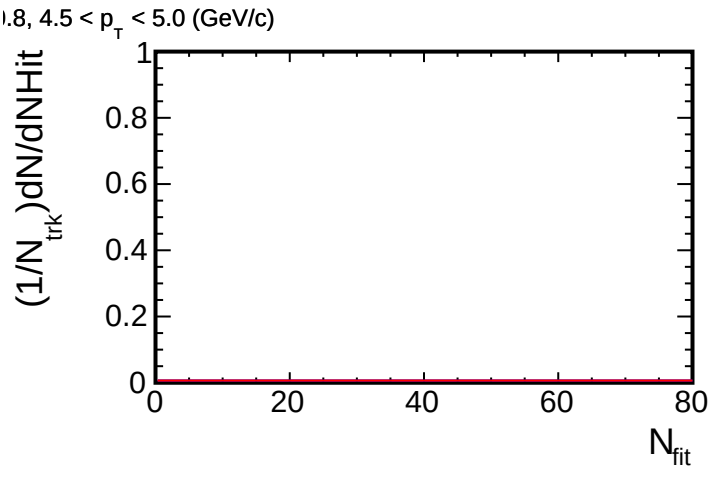


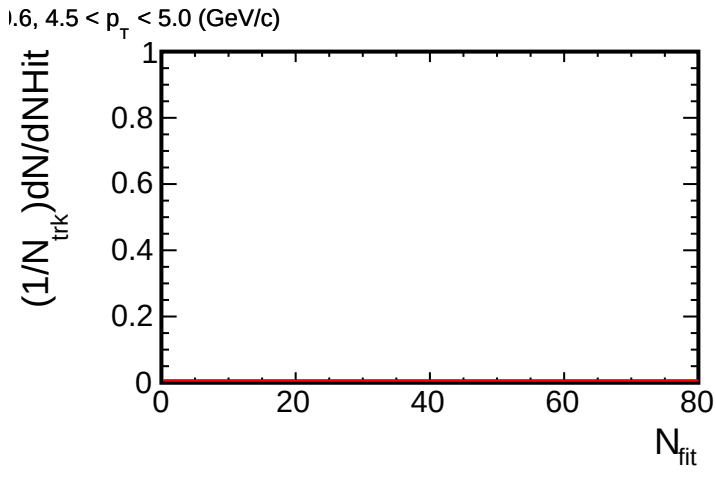


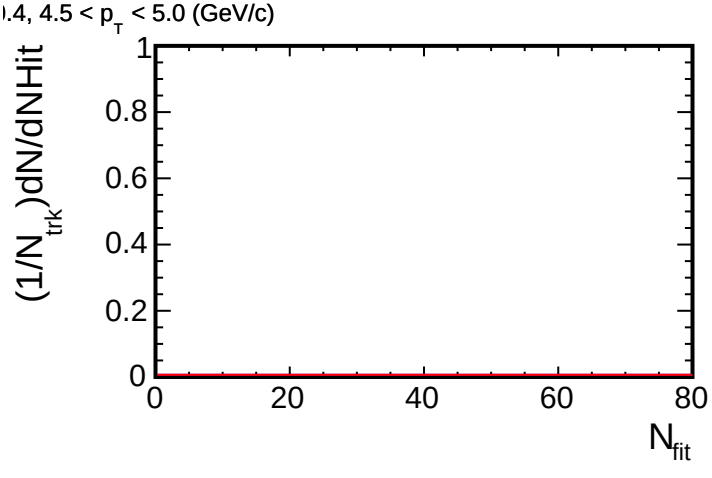
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

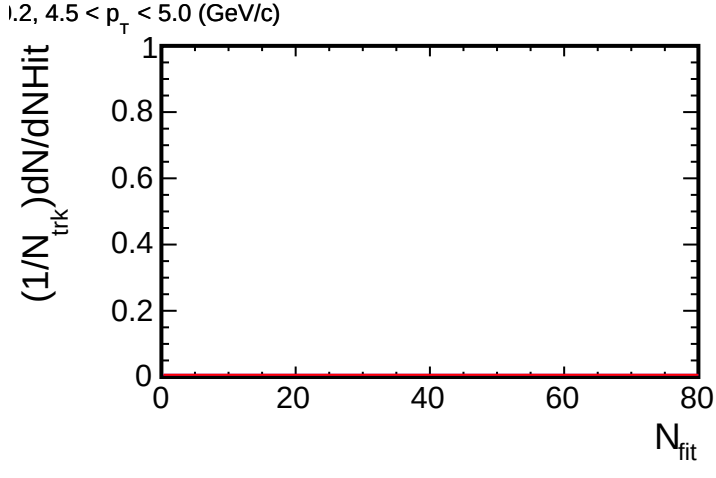
pi-
(PRIMARY, $|n\sigma_{pi-}|$<2 TPC)

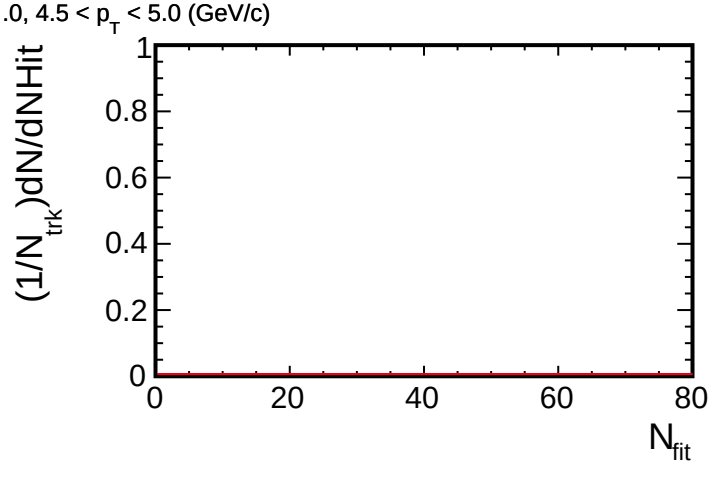
NHit distribution for (p_T, η) slices







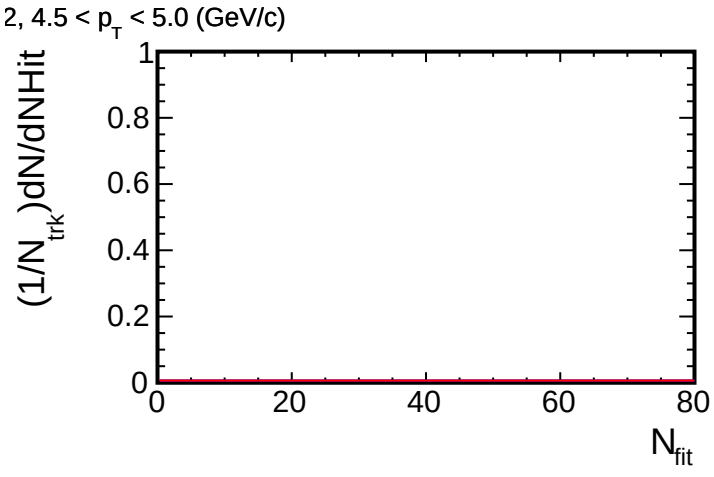


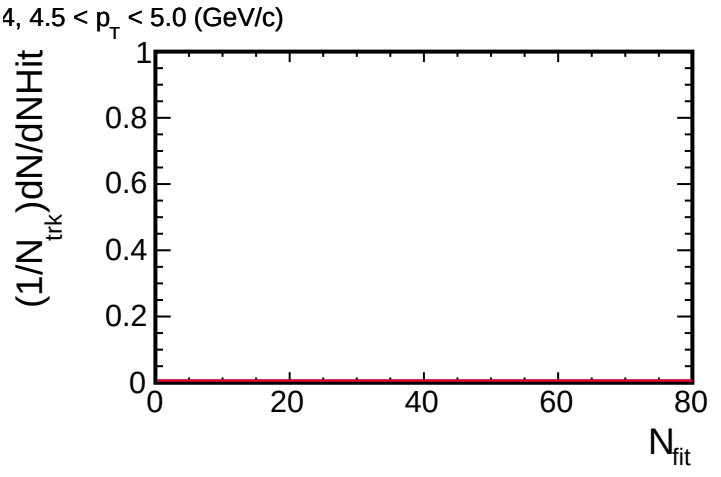


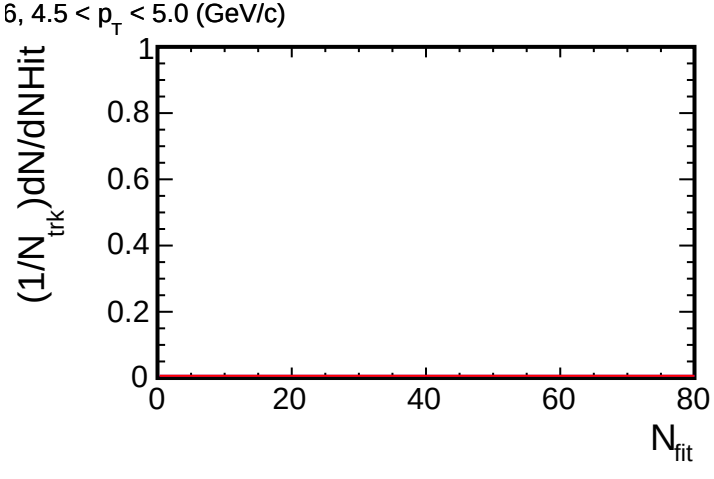
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

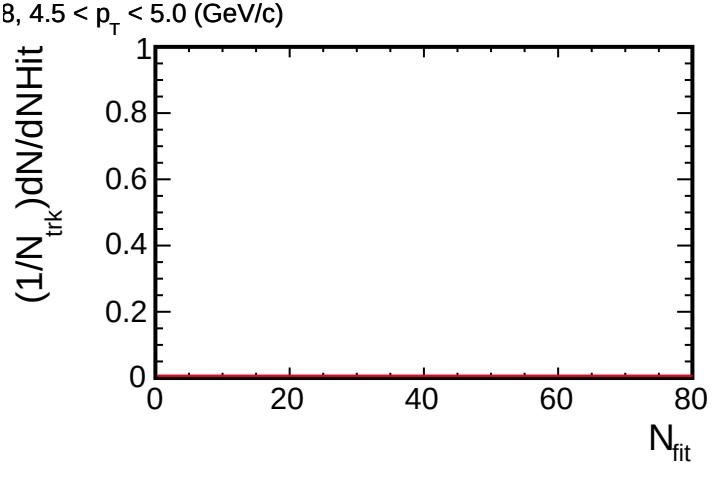
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

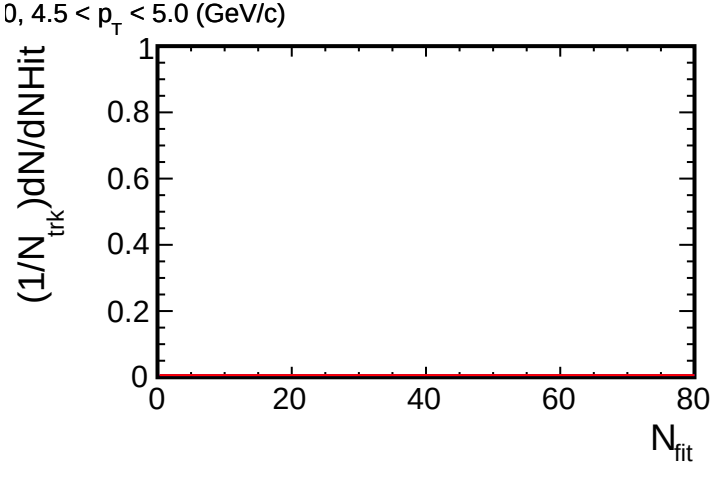
NHit distribution for (p_T, η) slices







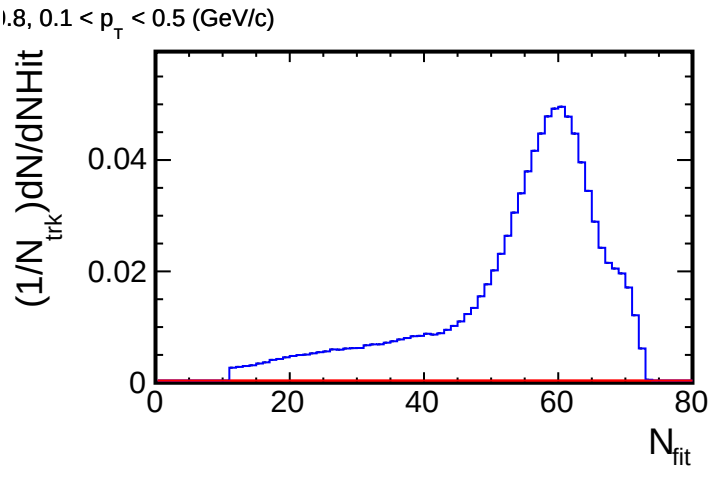


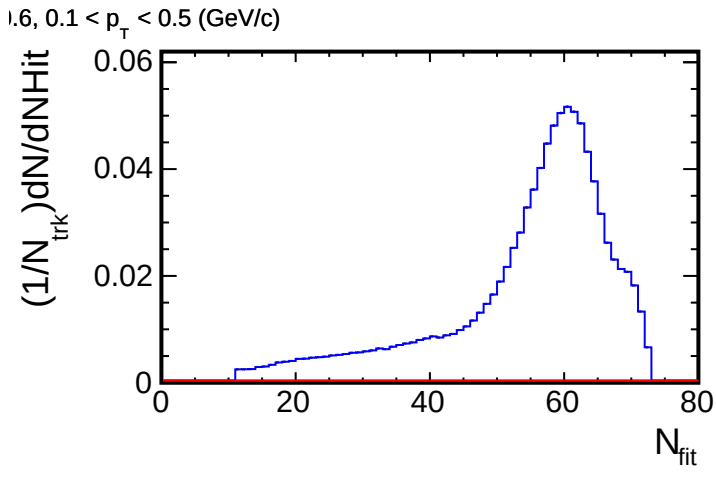


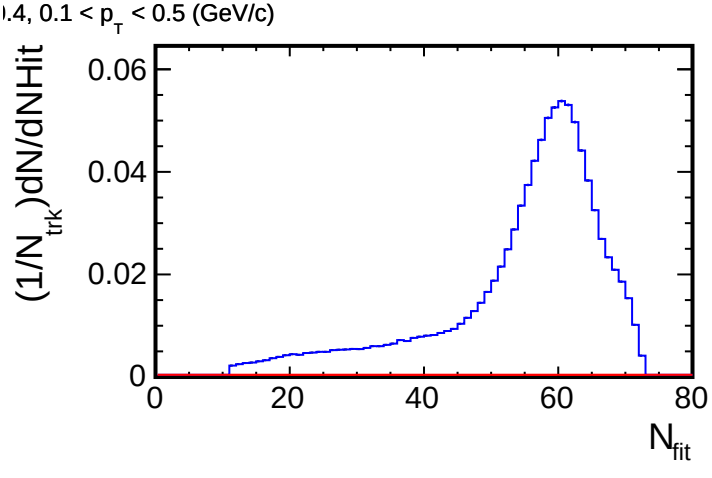
Daughter pi- (from HyperTriton)
(CONTAM, geantid=9)

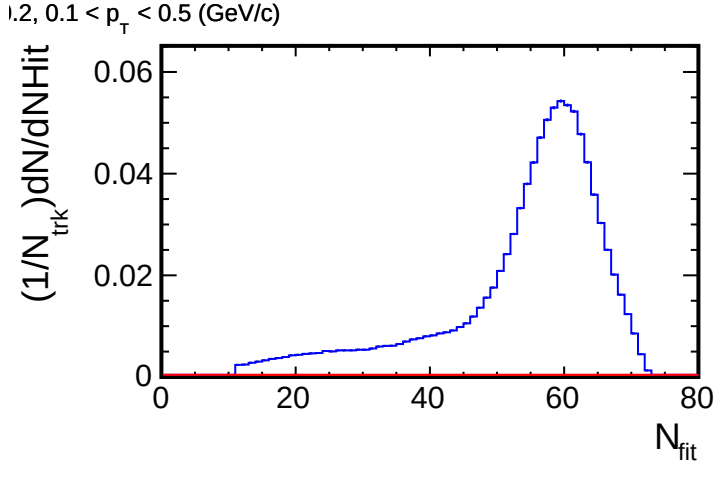
pi-
(PRIMARY, |n σ_{pi-}|<2 TPC)

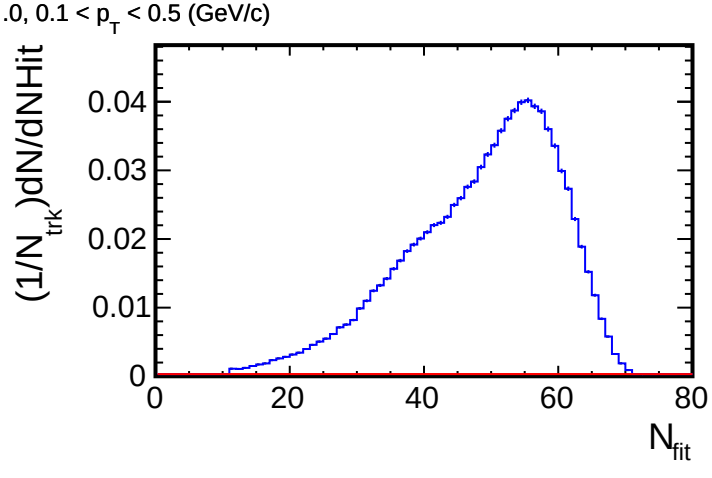
NHit distribution for (p_T, η) slices







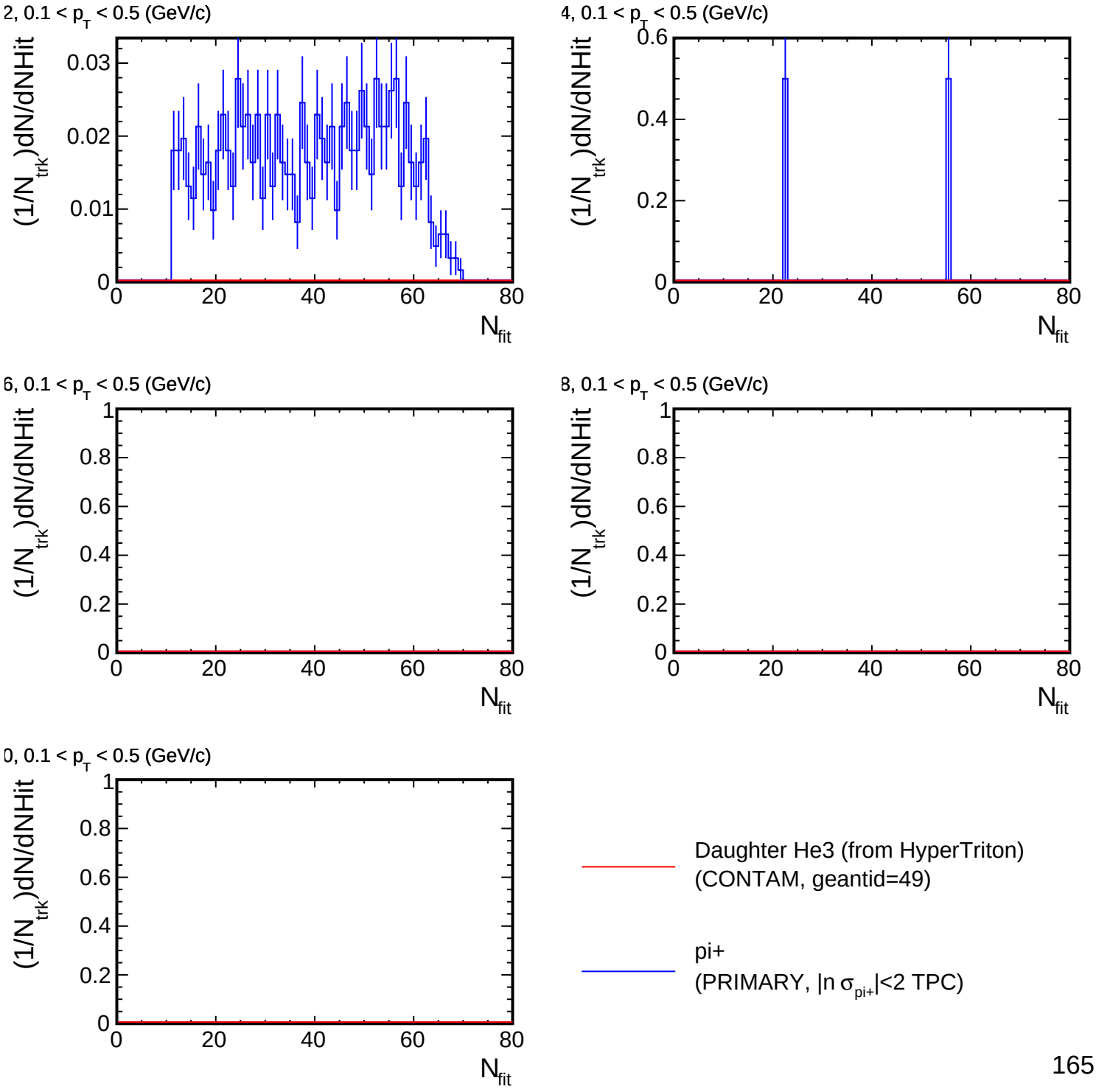




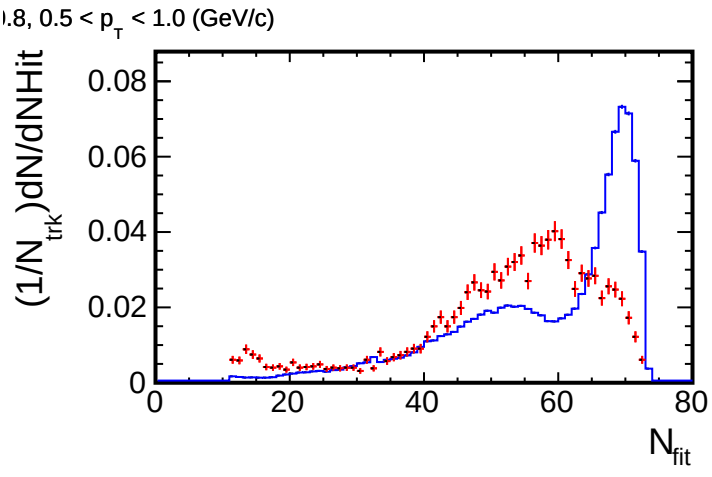
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

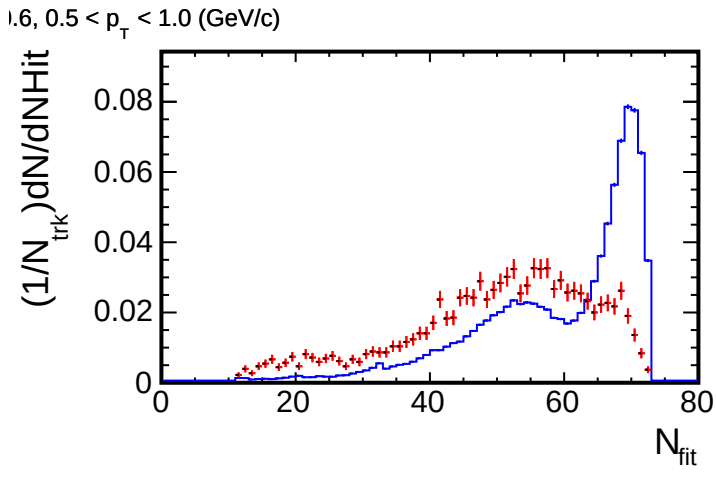
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

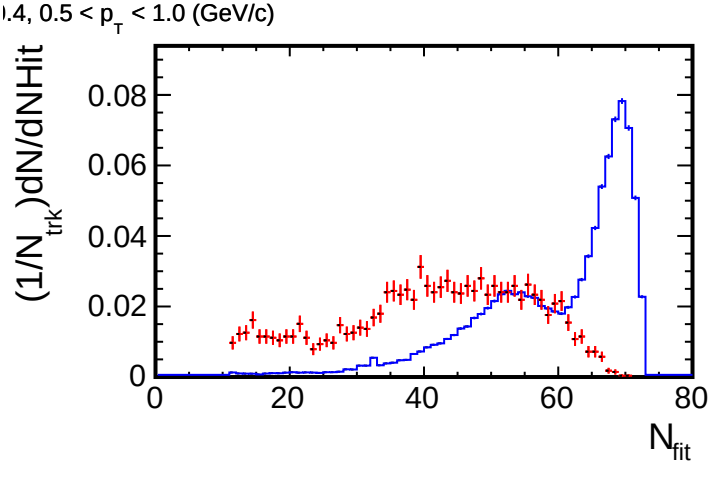
NHit distribution for (p_T, η) slices

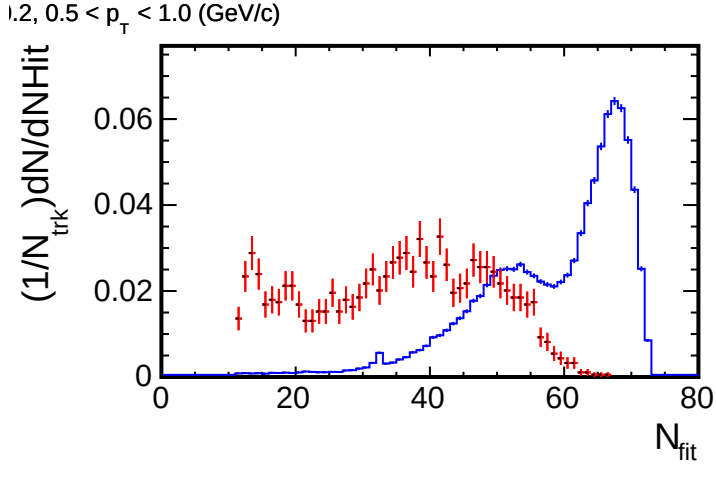


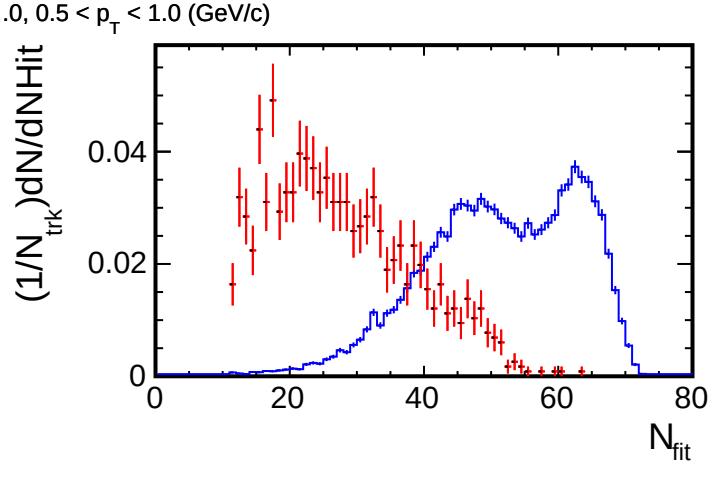
NHit distribution for (p_T, η) slices







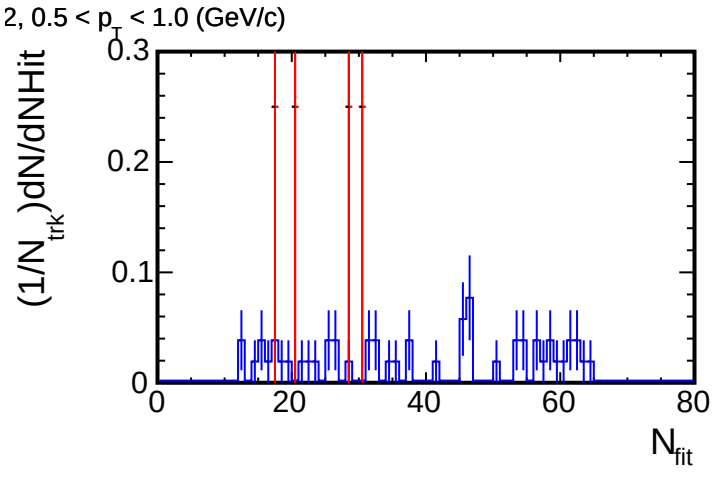


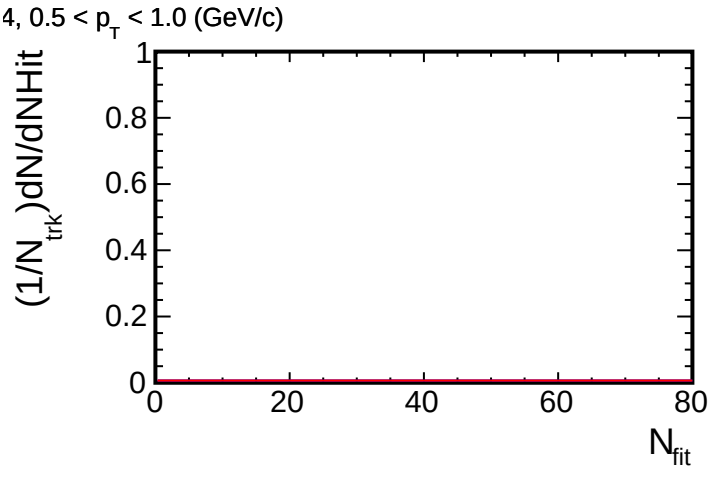


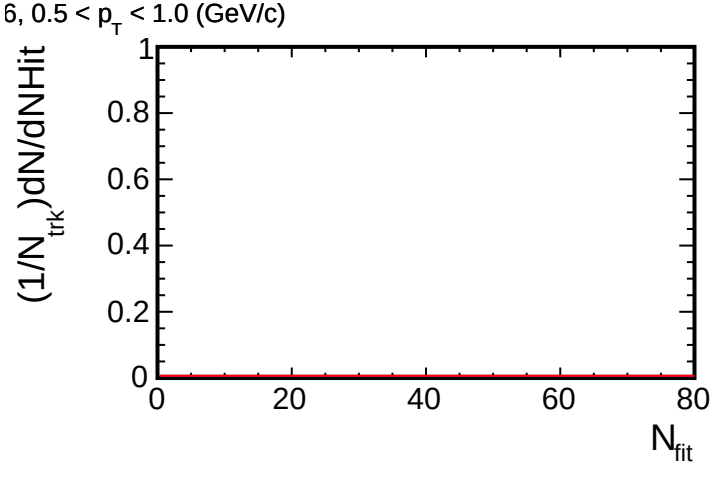
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

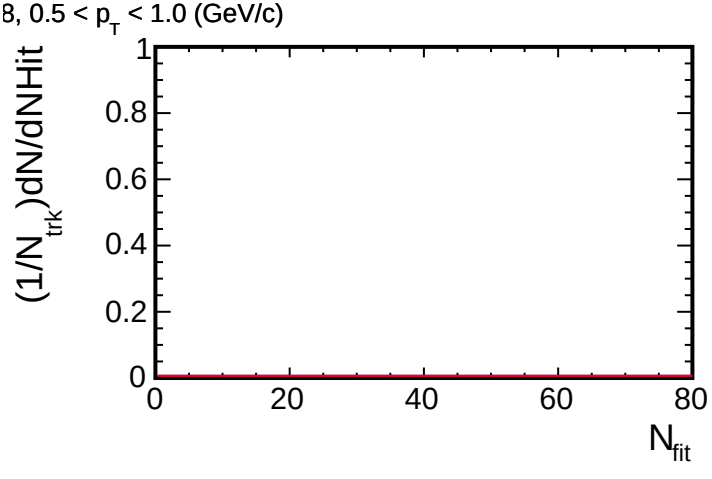
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

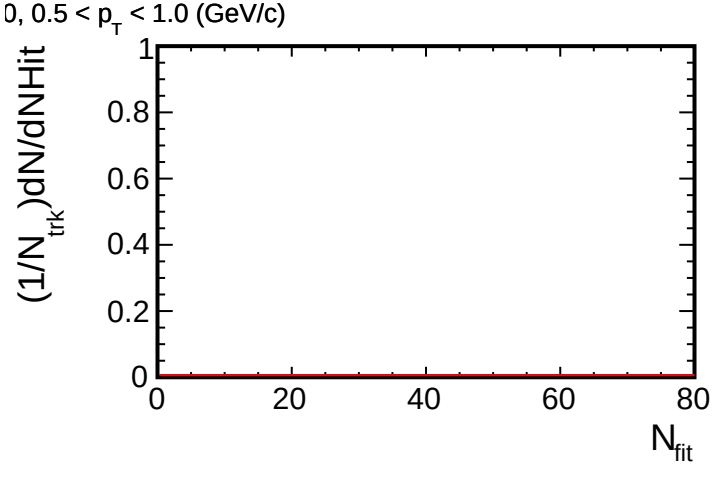
NHit distribution for (p_T, η) slices







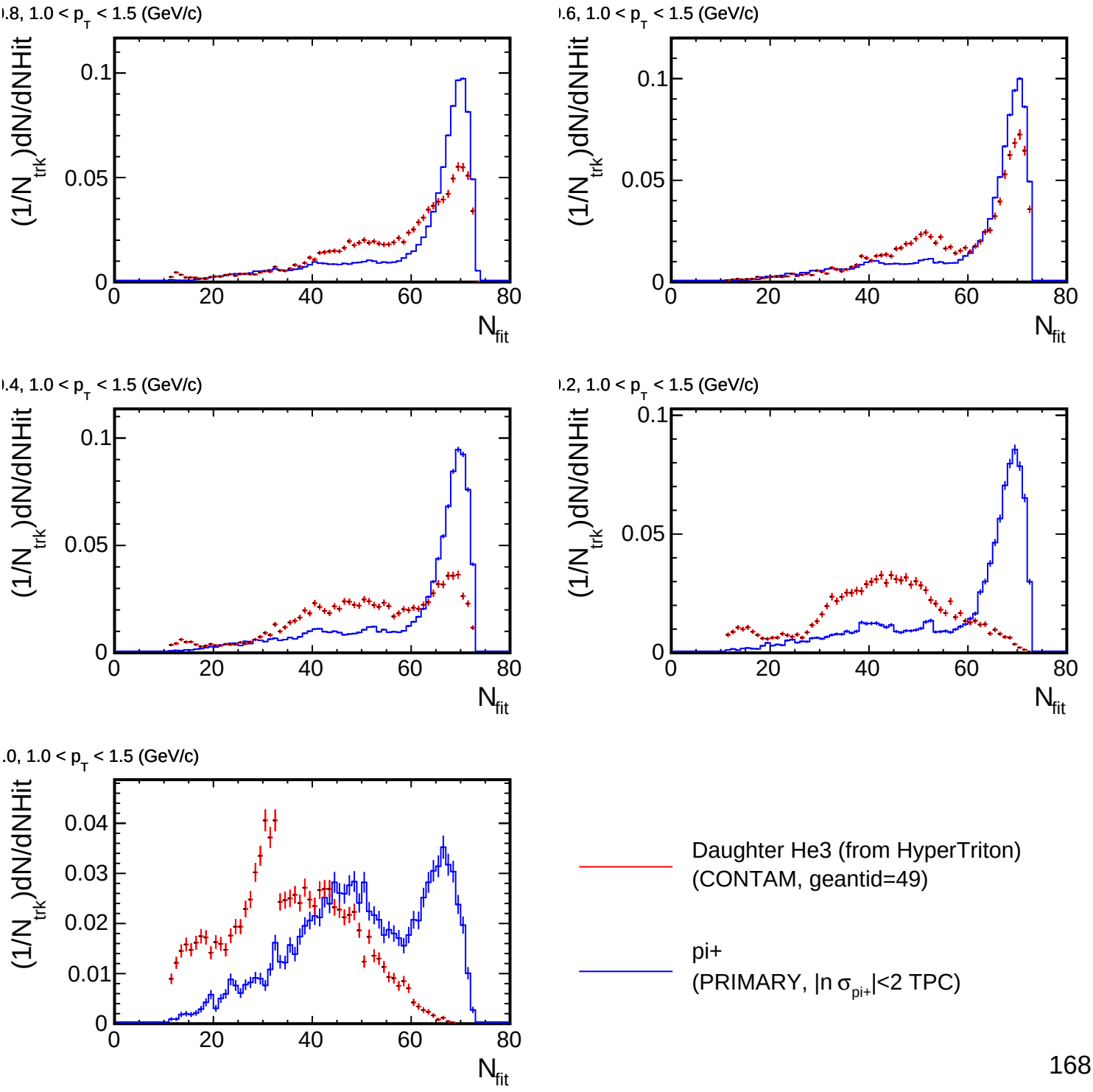




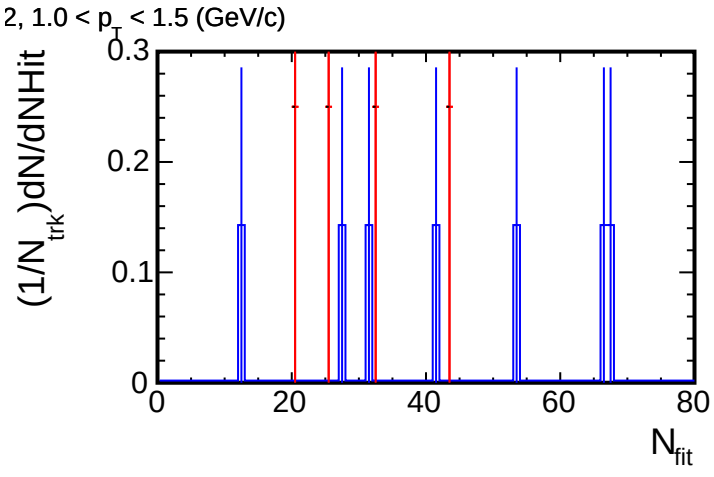
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

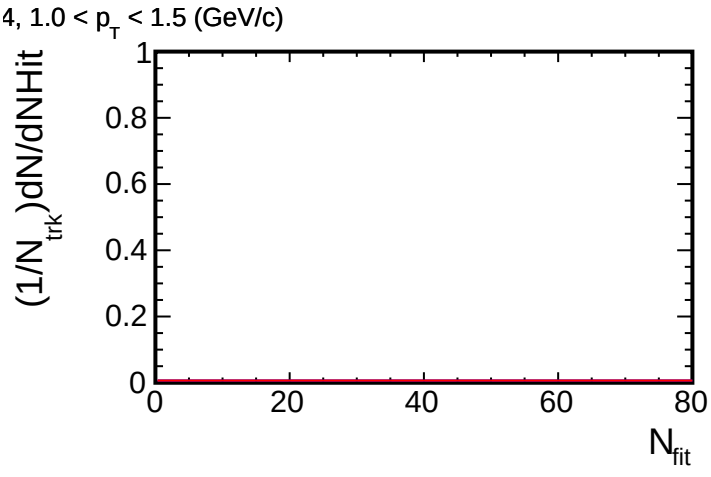
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

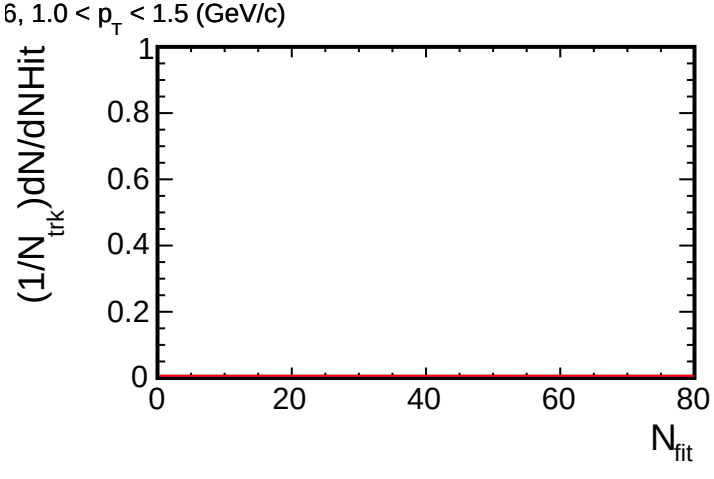
NHit distribution for (p_T, η) slices

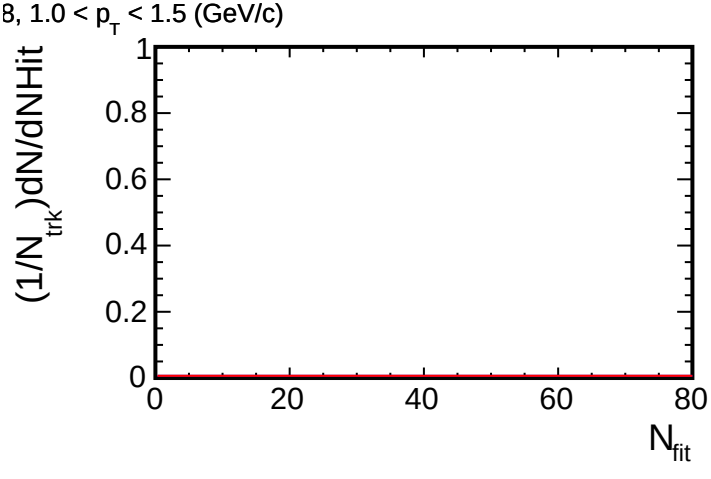


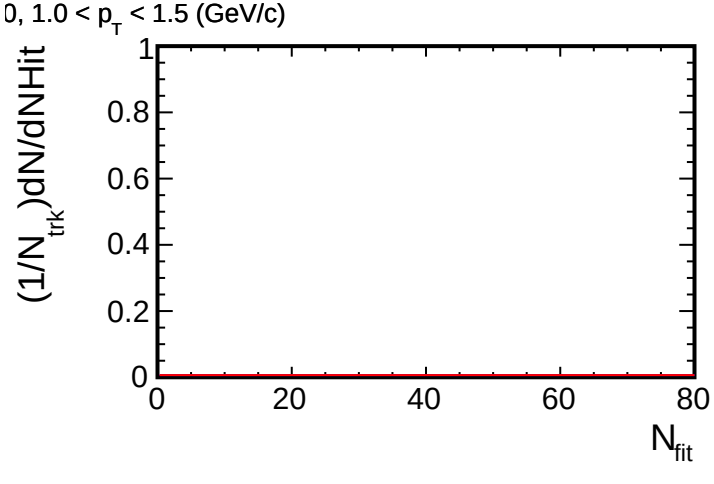
NHit distribution for (p_T, η) slices







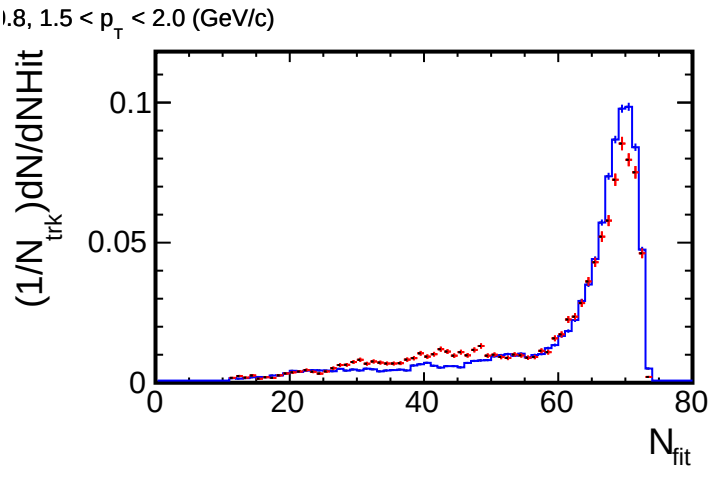


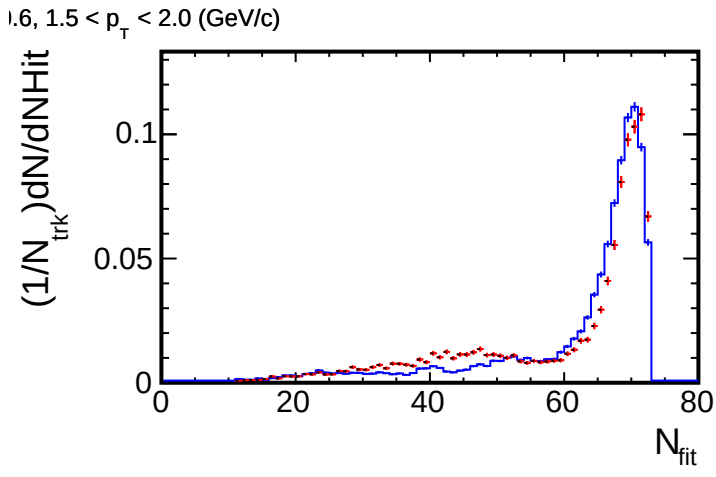


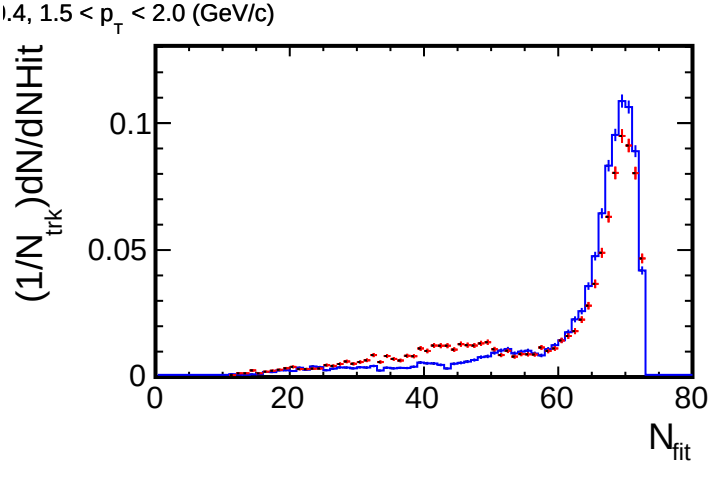
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

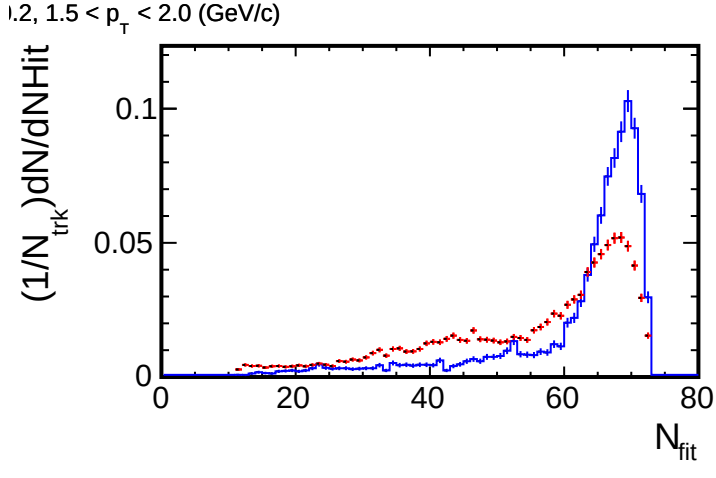
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

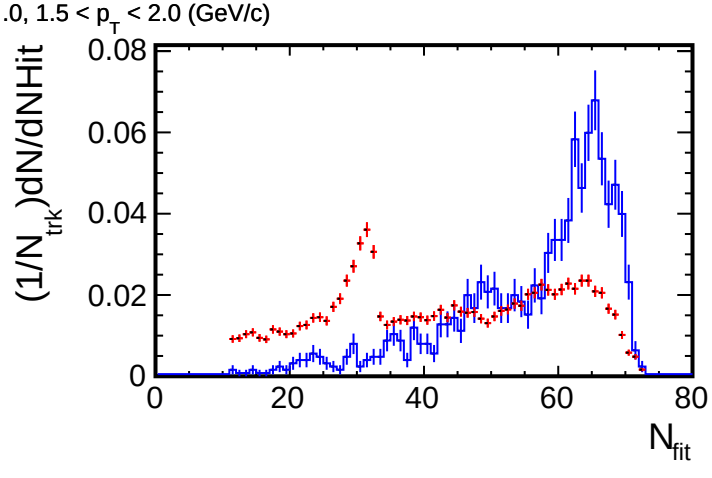
NHit distribution for (p_T, η) slices







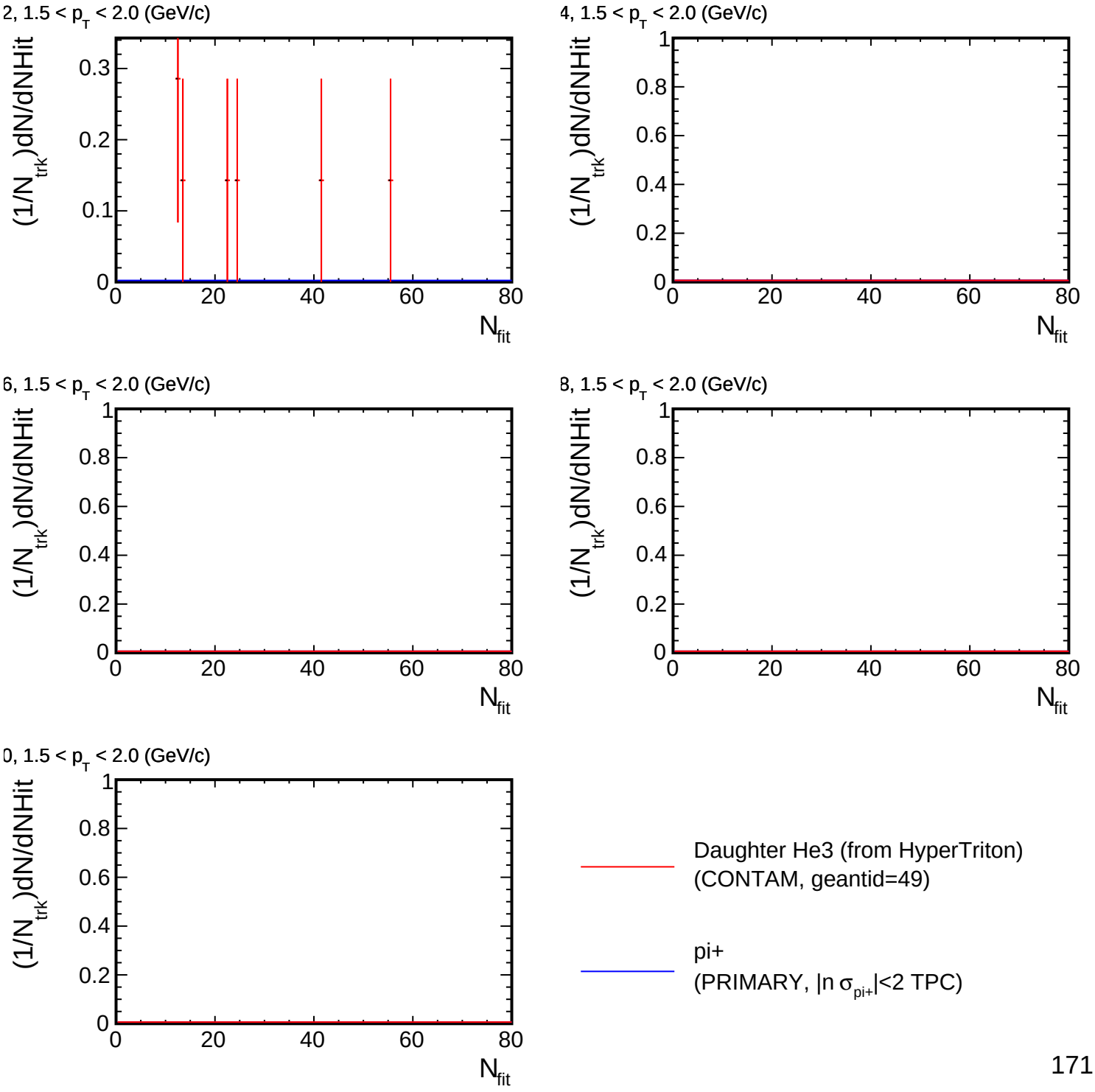




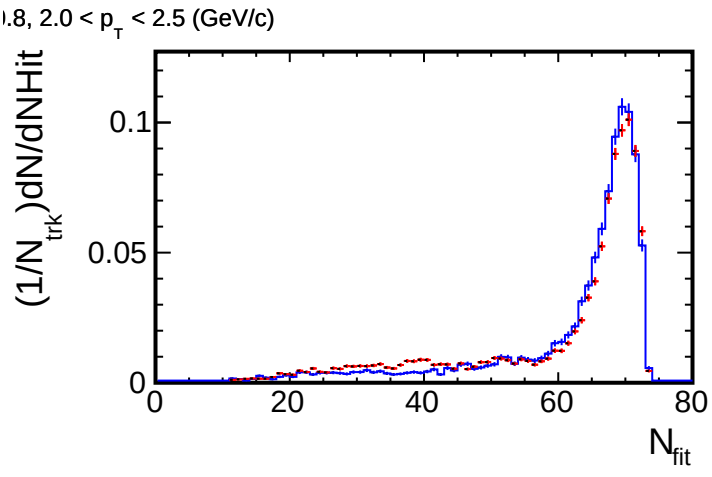
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

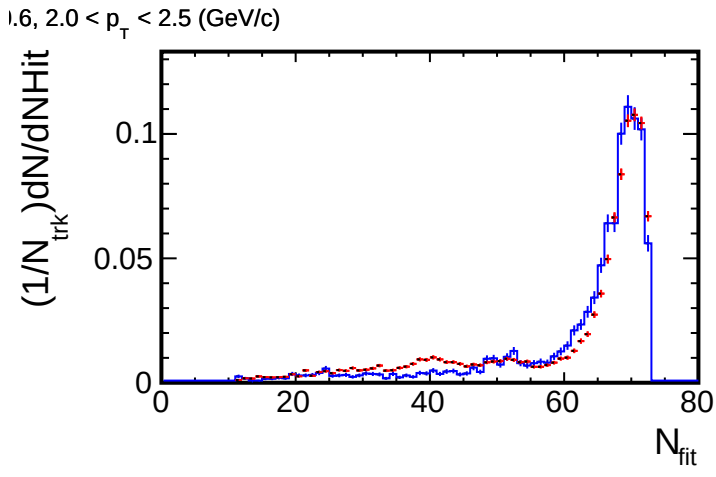
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

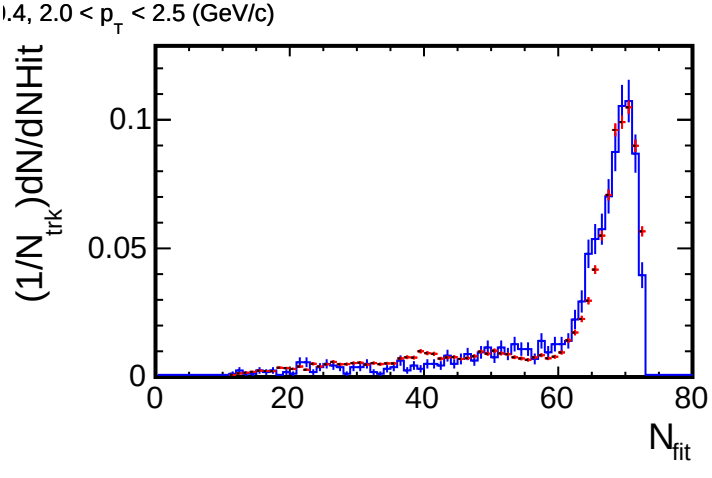
NHit distribution for (p_T, η) slices

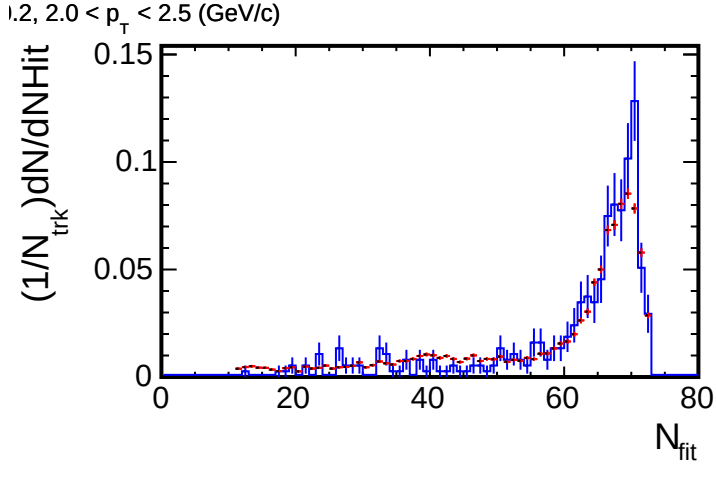


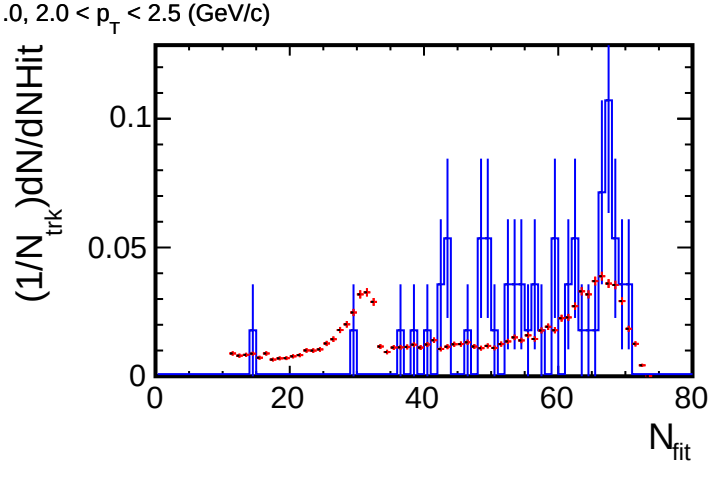
NHit distribution for (p_T, η) slices







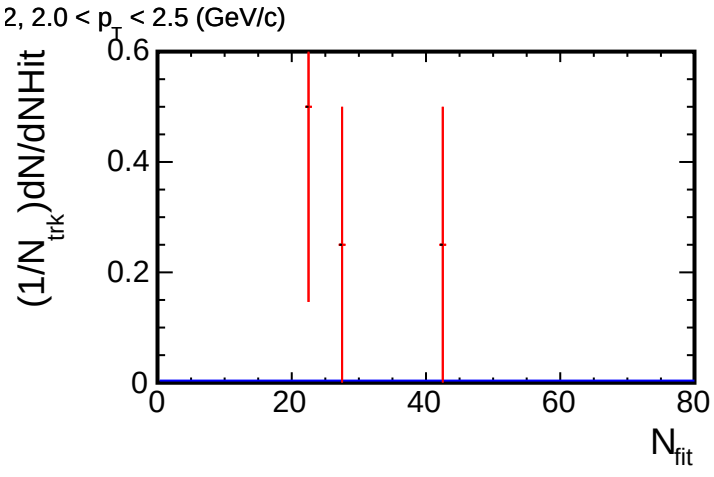


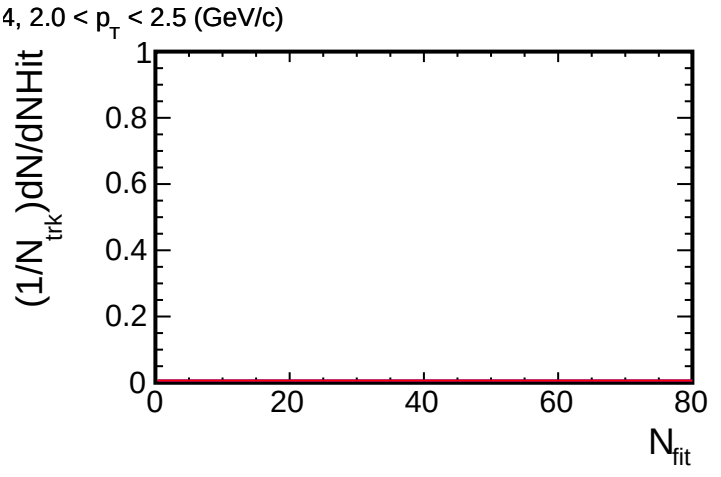


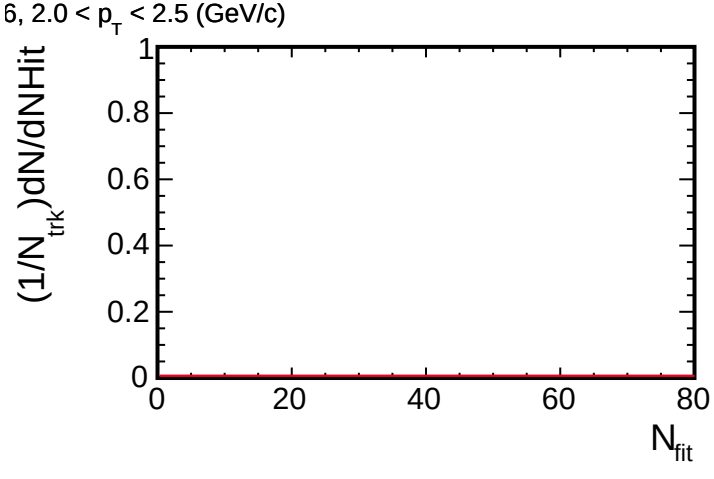
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

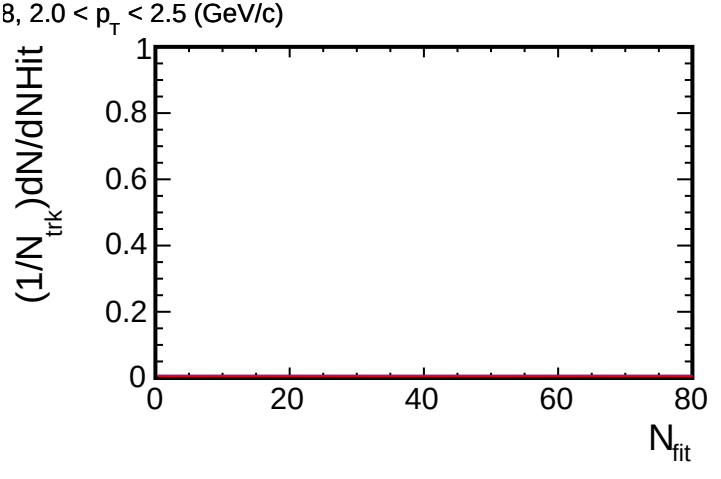
pi+
(PRIMARY, |n σ$_{pi+}$|<2 TPC)

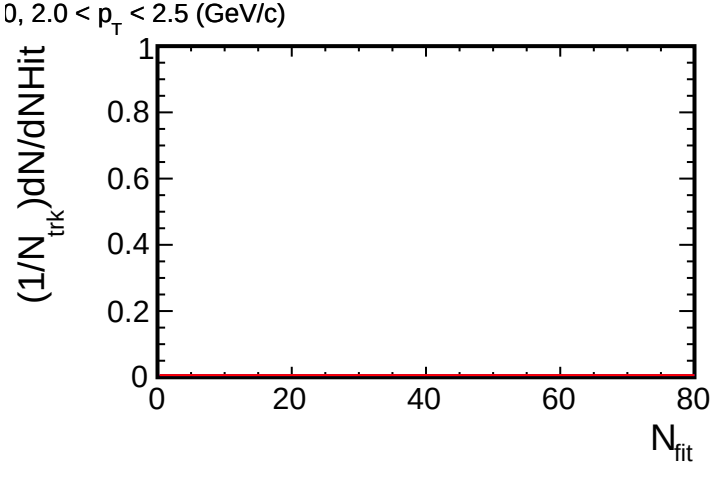
NHit distribution for (p_T, η) slices







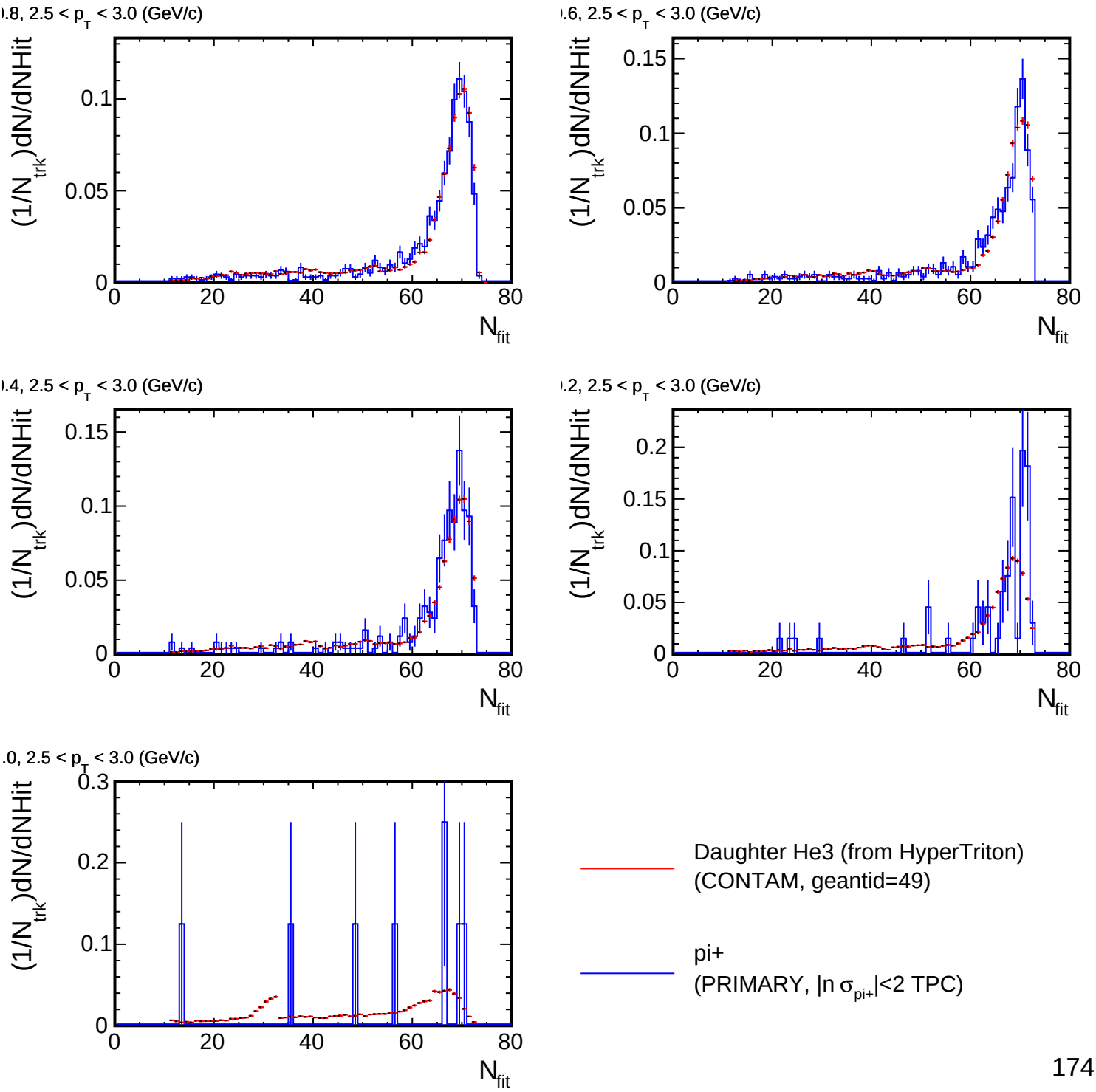




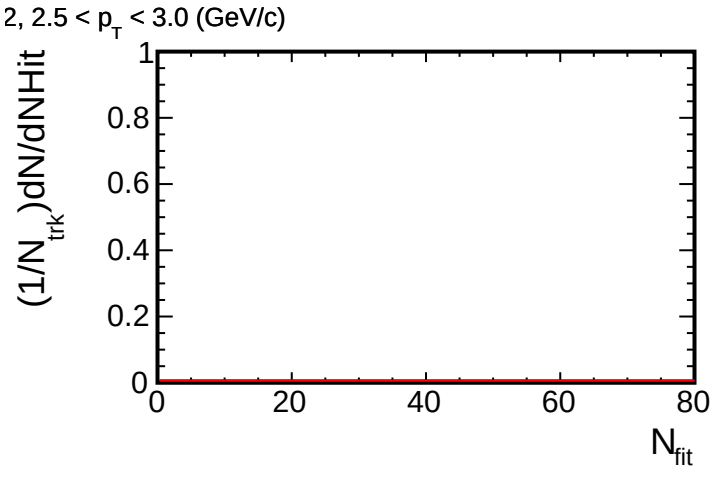
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

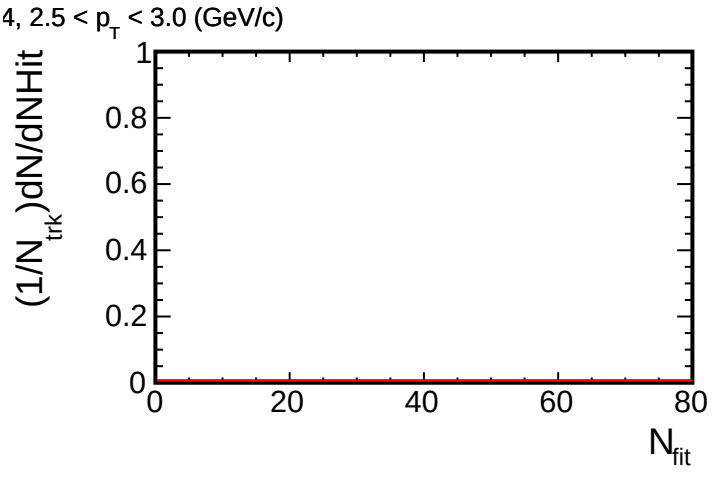
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

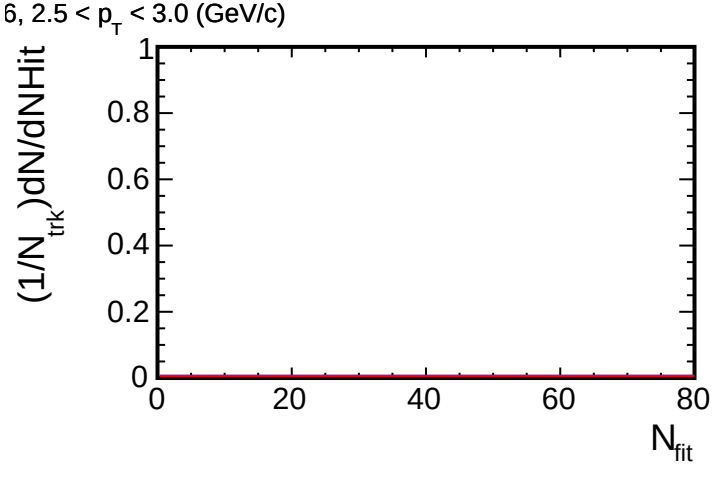
NHit distribution for (p_T, η) slices

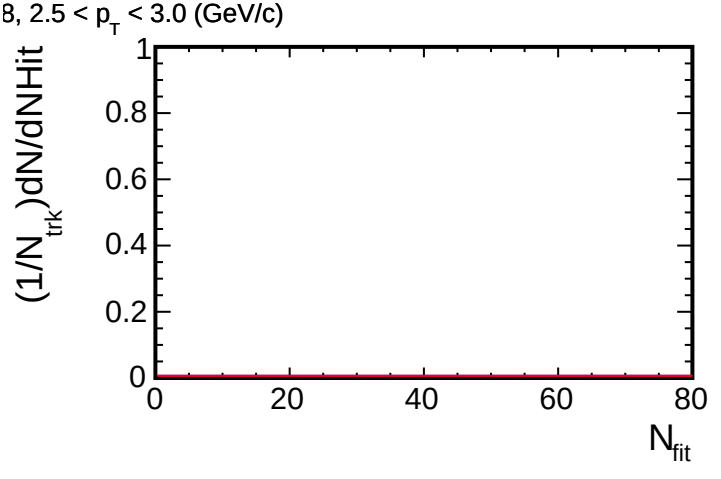


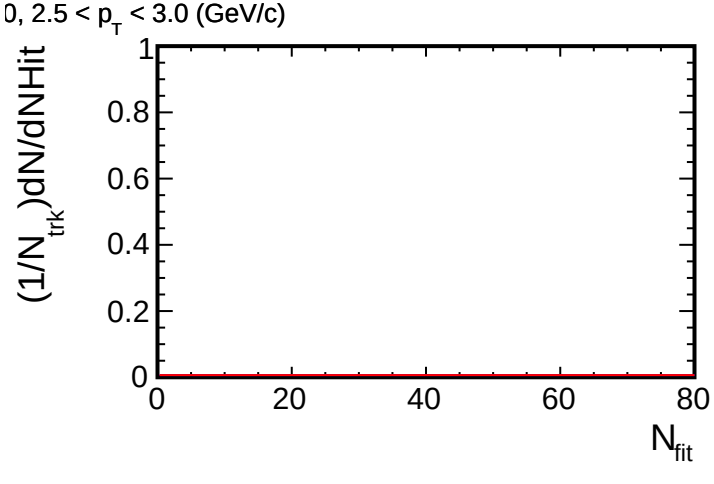
NHit distribution for (p_T, η) slices







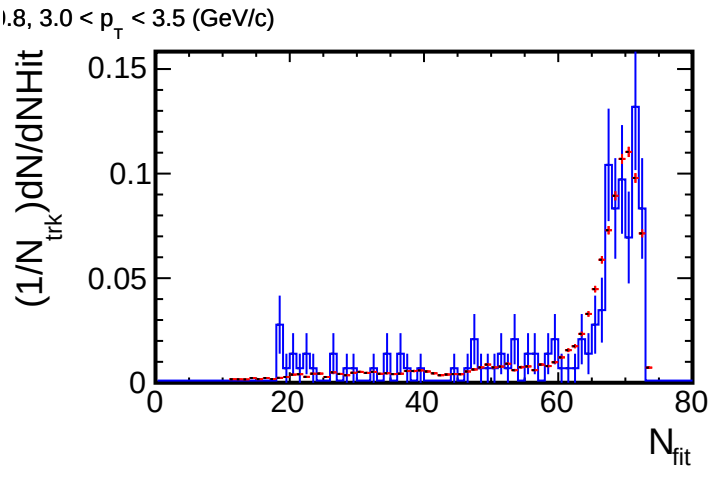


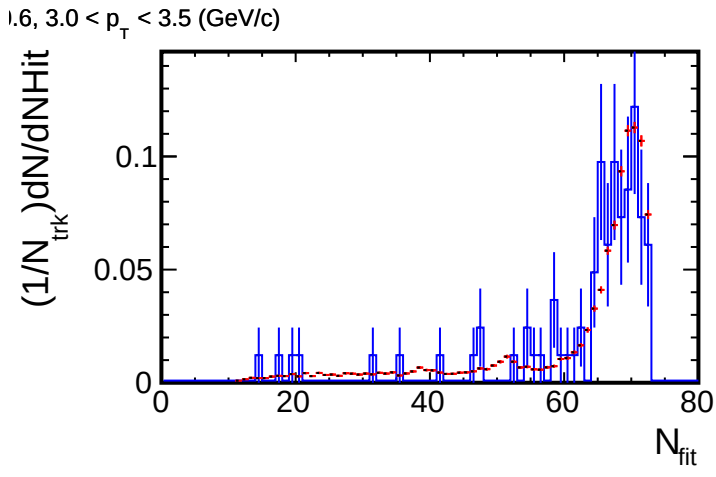


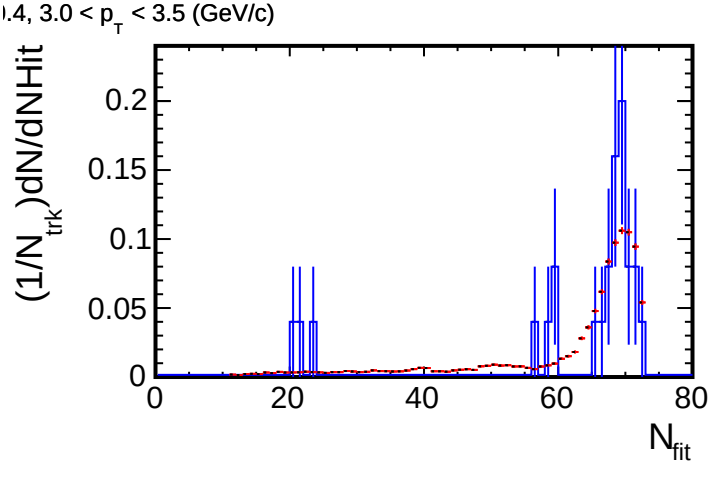
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

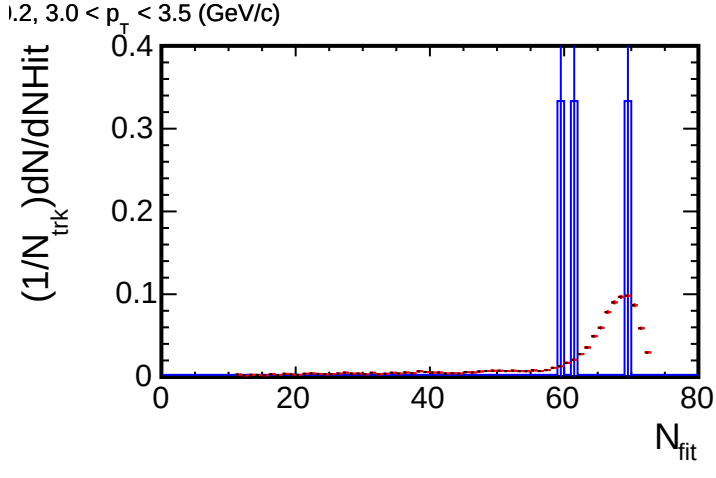
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

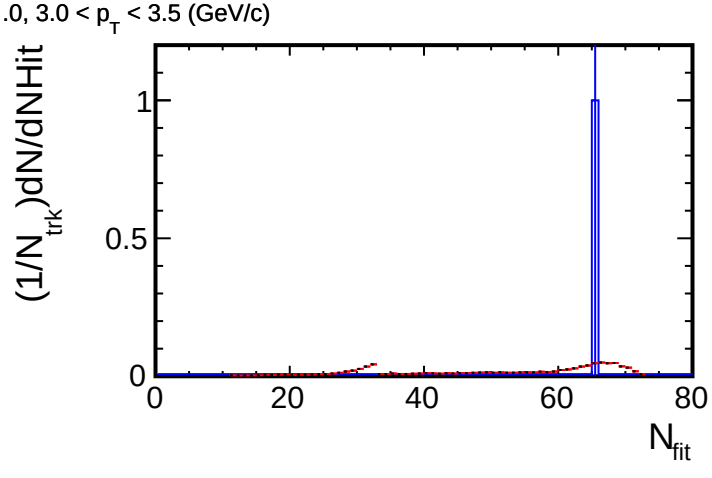
NHit distribution for (p_T, η) slices







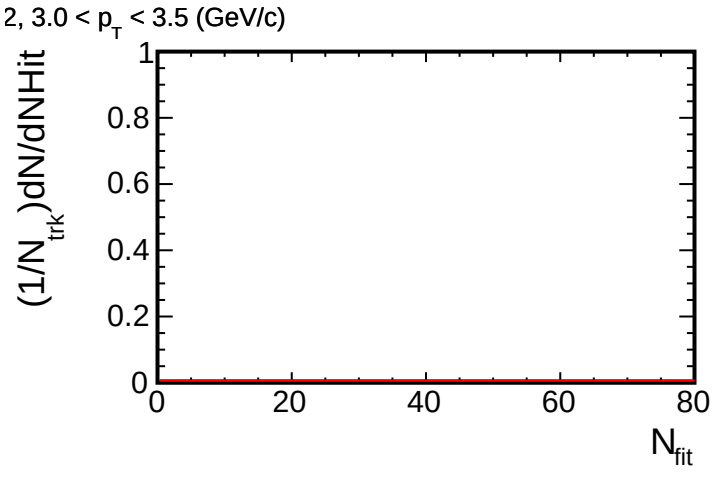


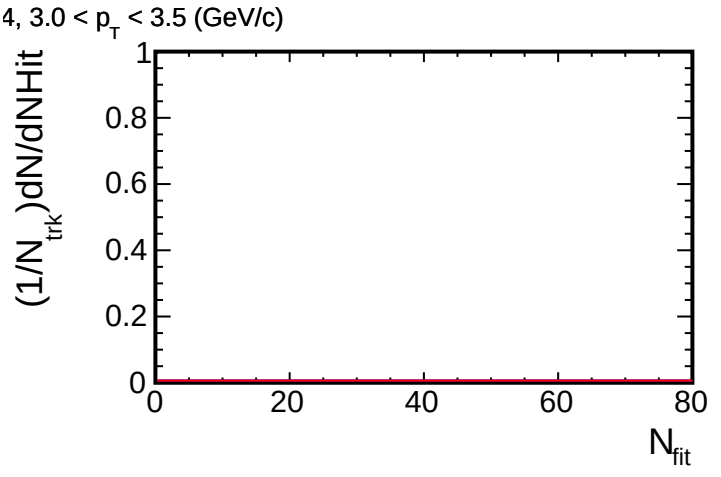


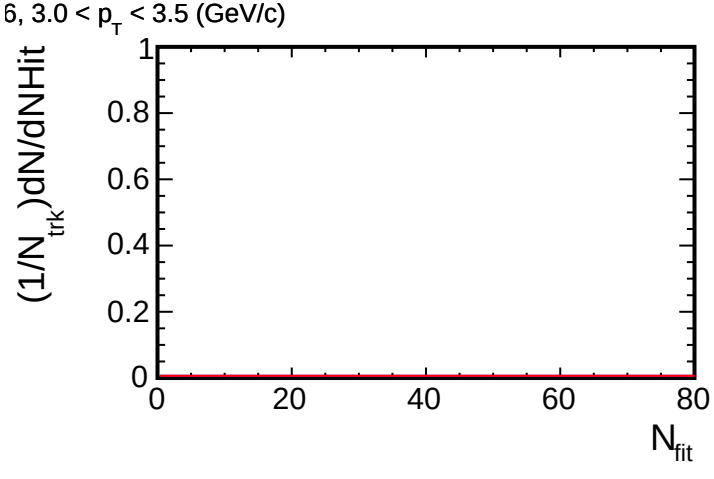
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

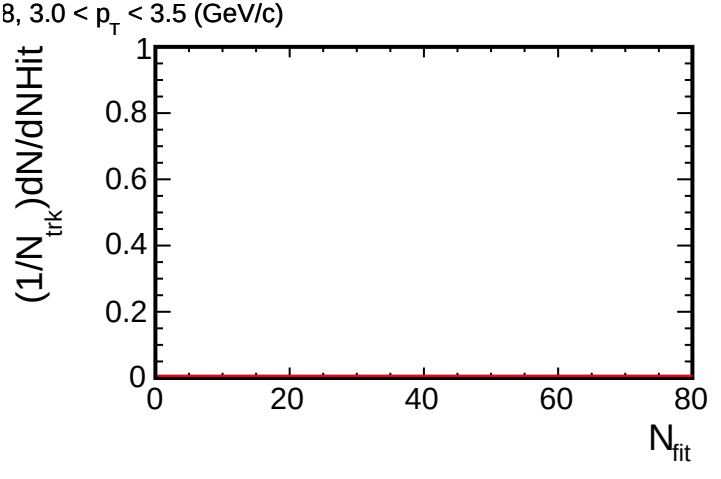
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

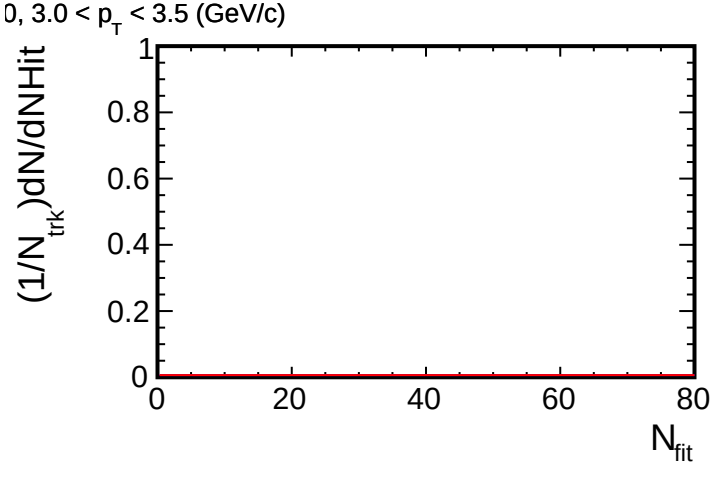
NHit distribution for (p_T, η) slices







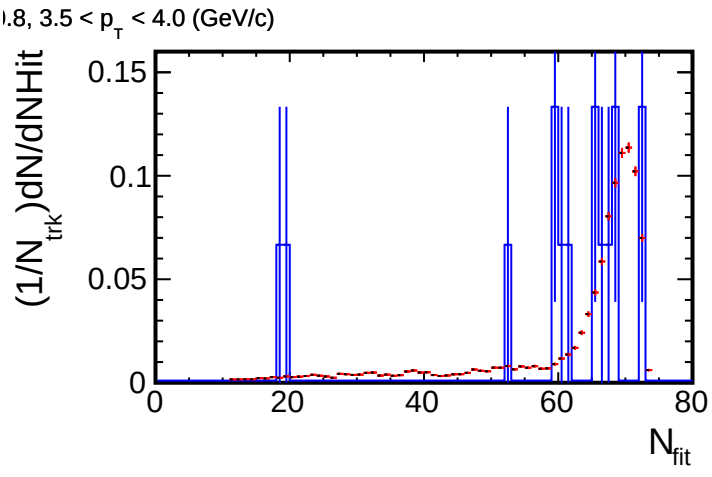


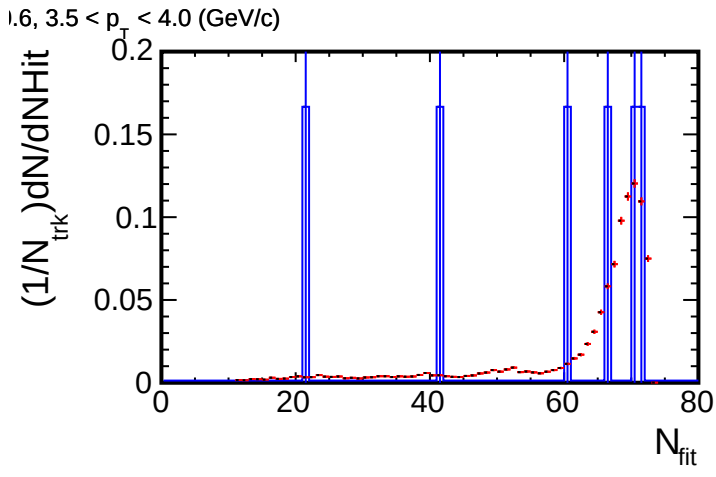


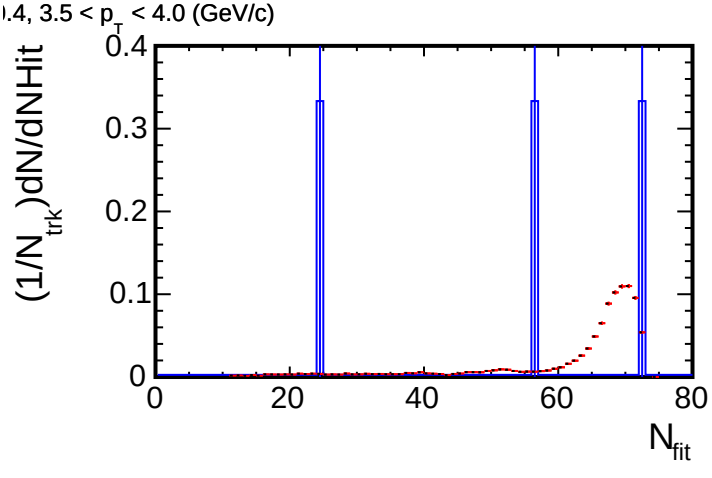
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

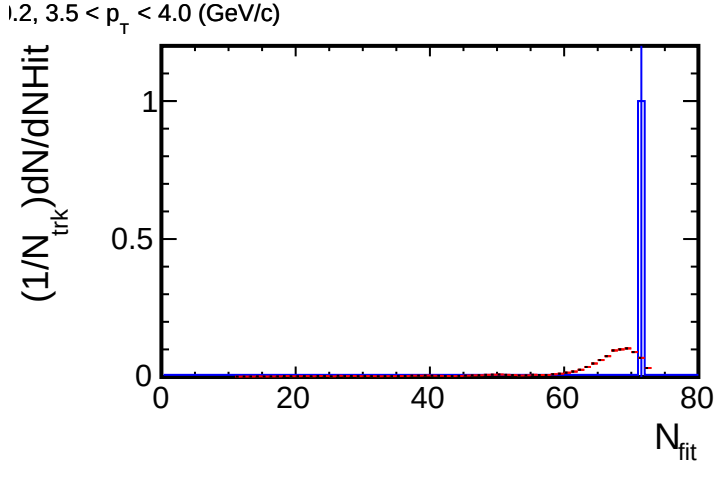
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

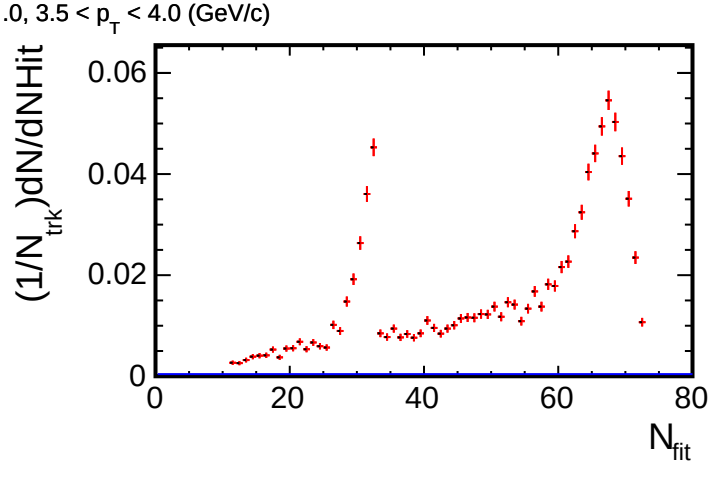
NHit distribution for (p_T, η) slices







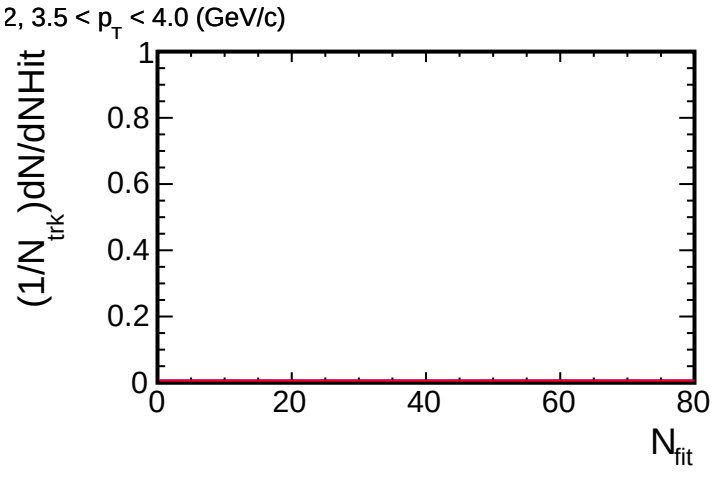


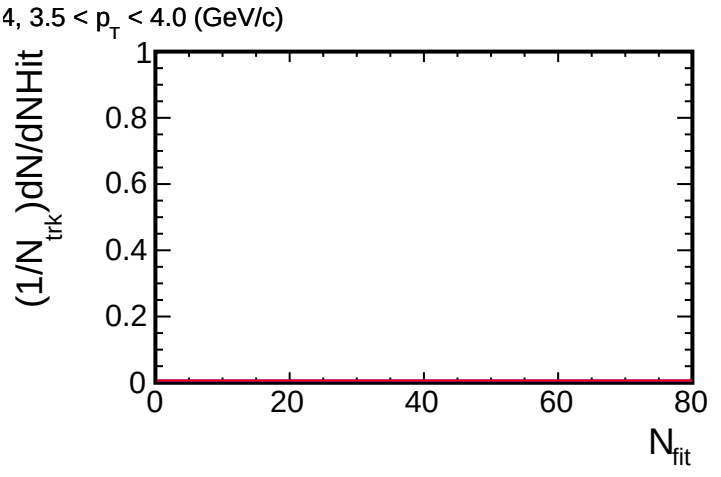


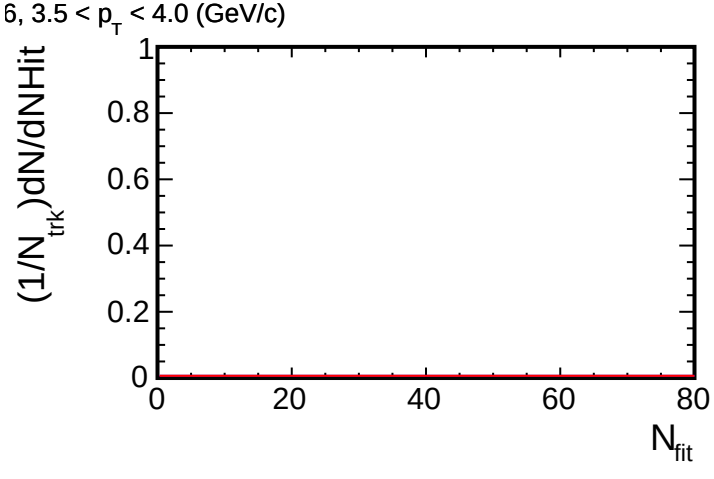
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

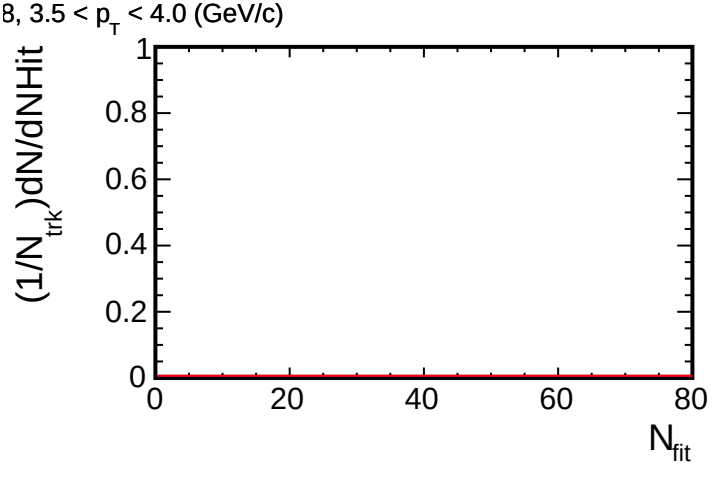
pi+
(PRIMARY, |n σ$_{pi+}$|<2 TPC)

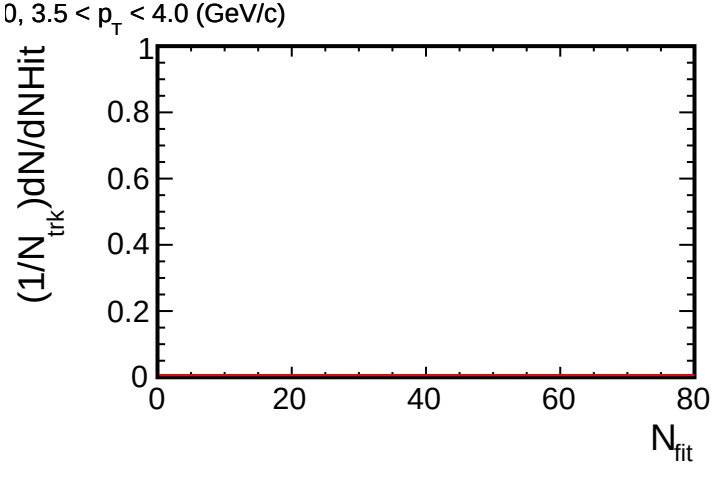
NHit distribution for (p_T, η) slices







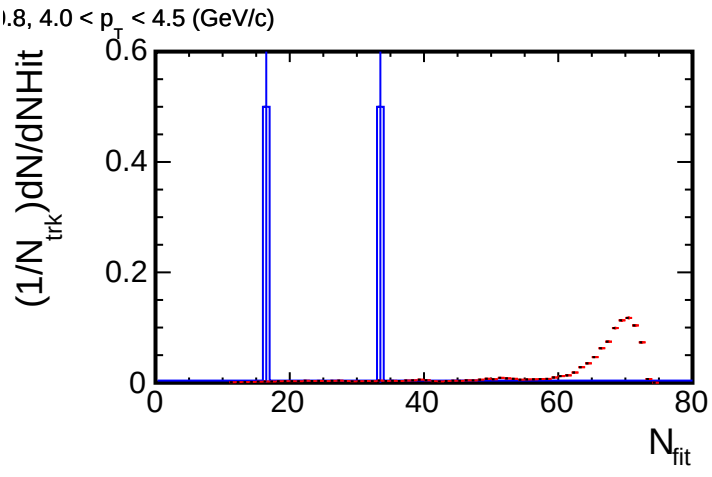


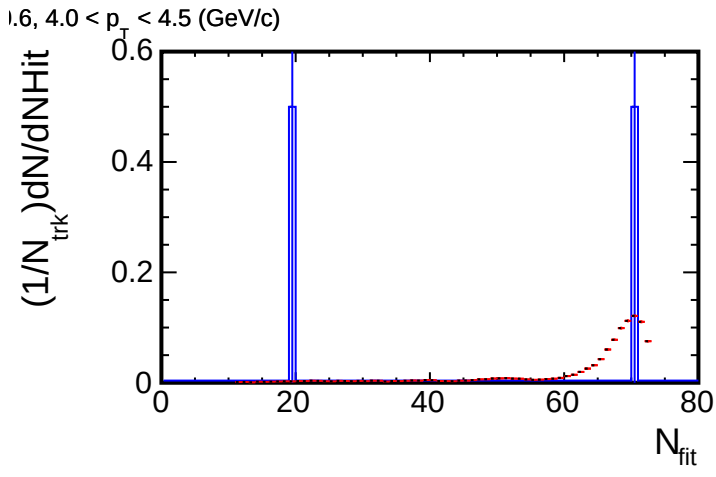


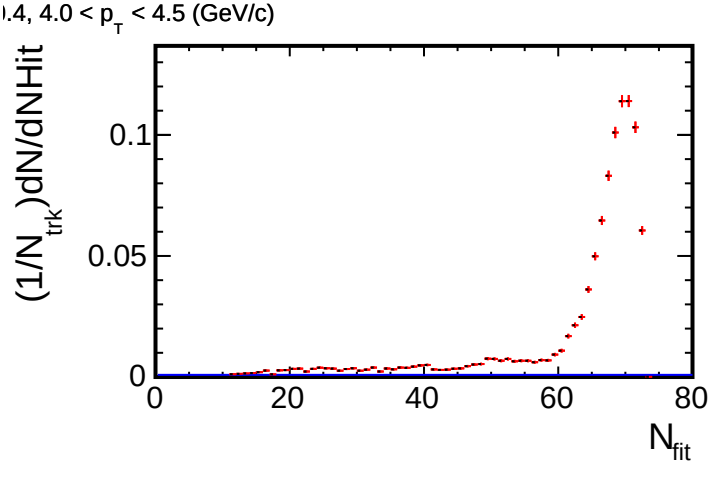
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

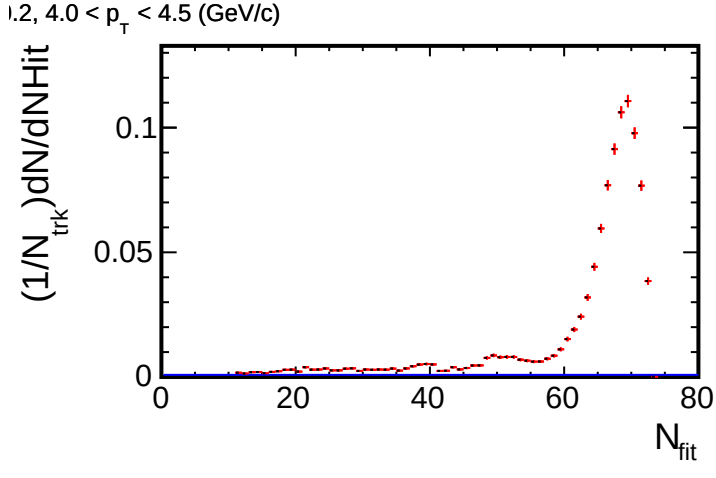
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

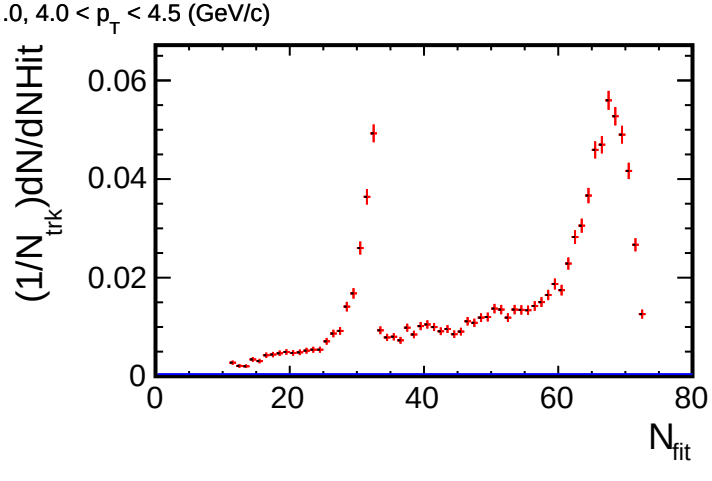
NHit distribution for (p_T, η) slices







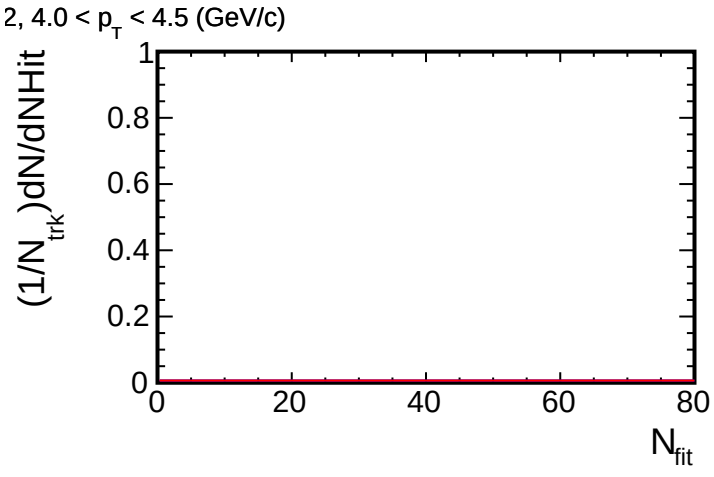


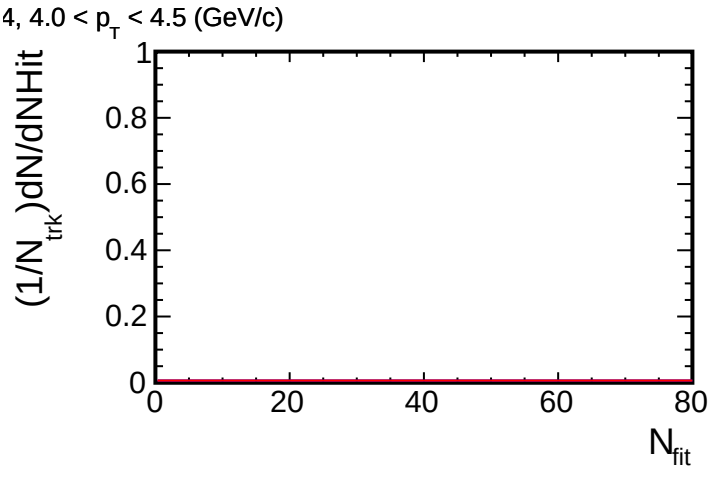


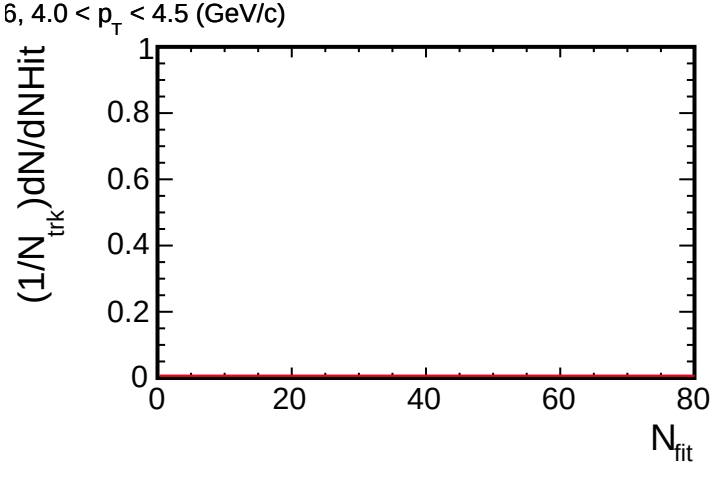
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

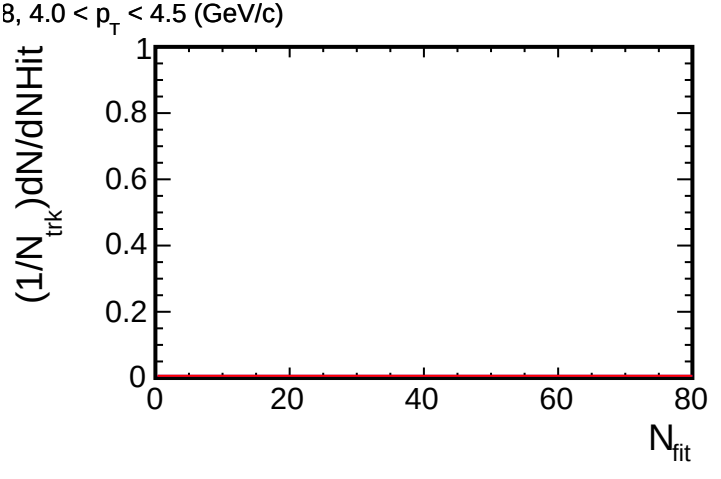
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

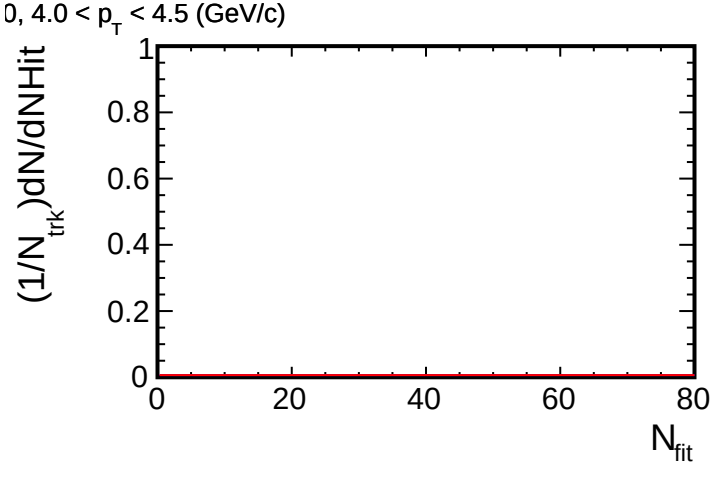
NHit distribution for (p_T, η) slices







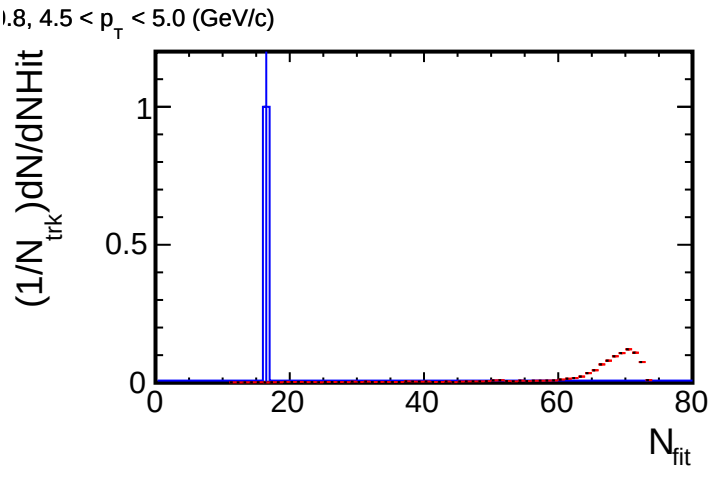


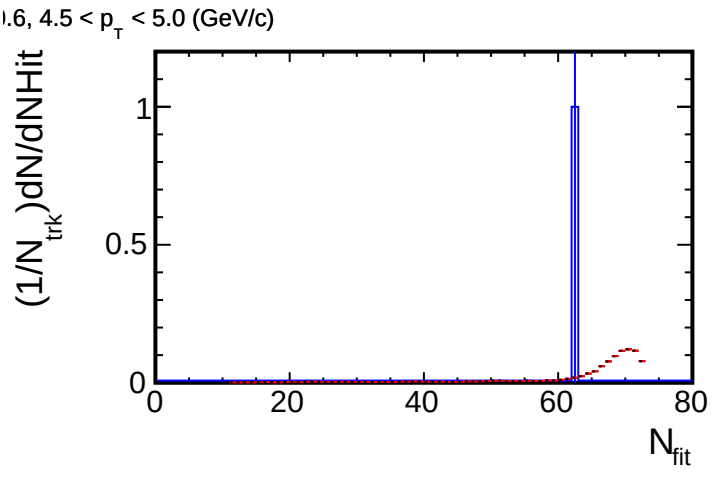


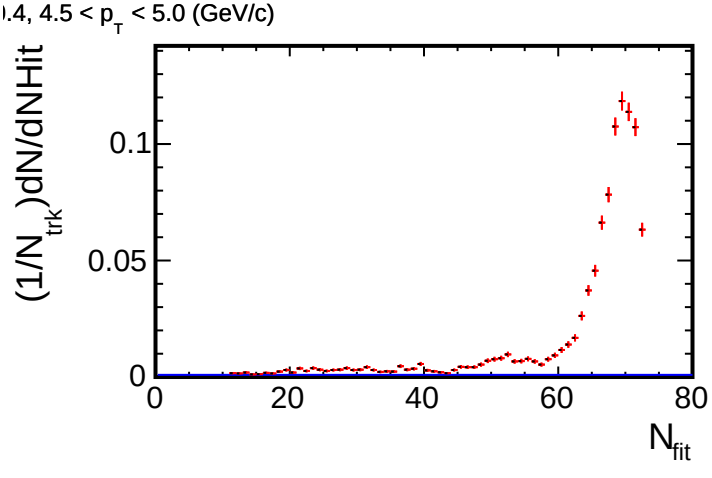
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

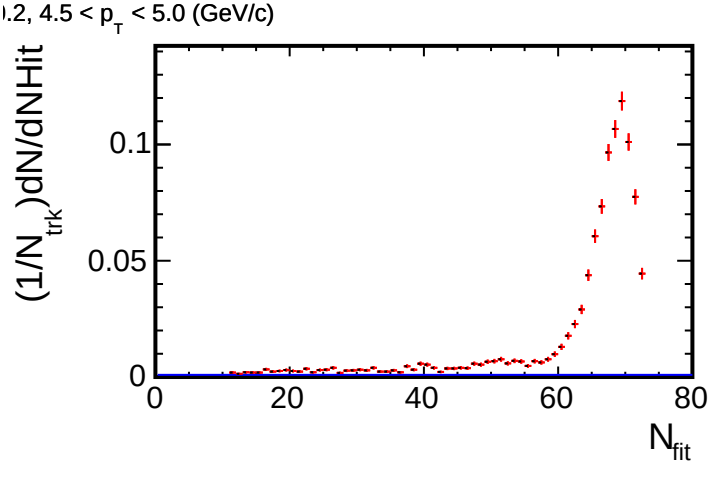
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

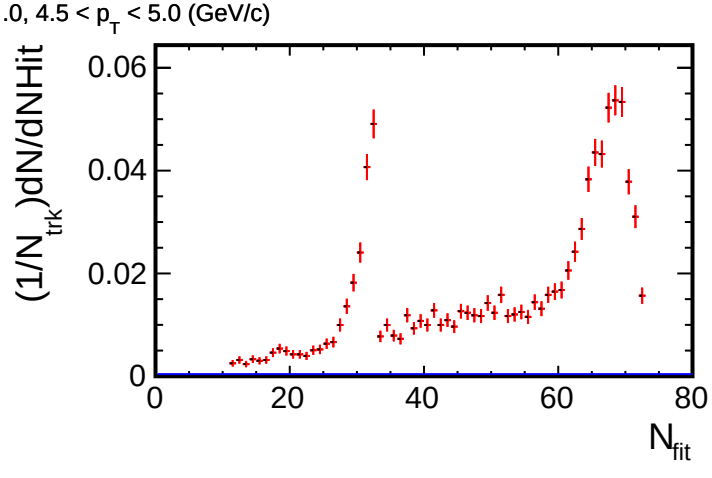
NHit distribution for (p_T, η) slices







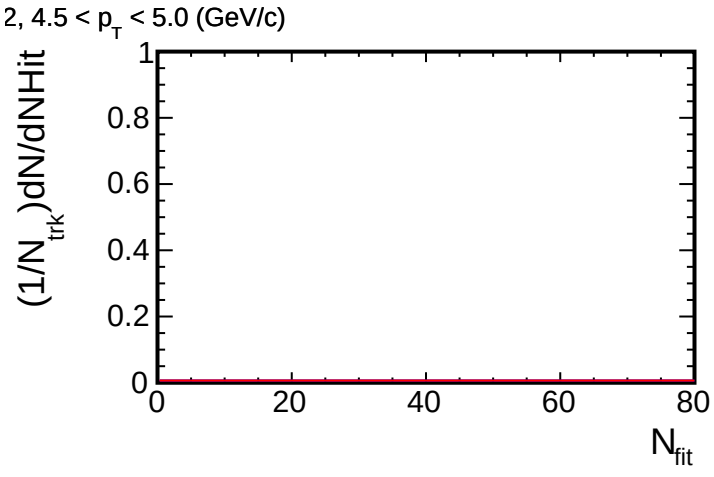


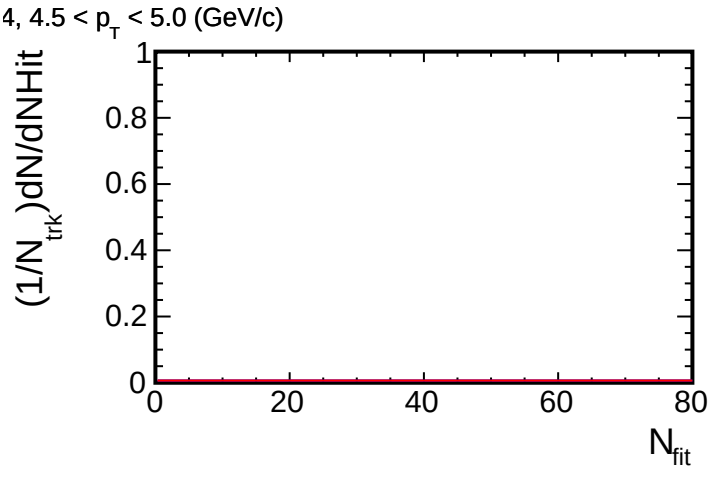


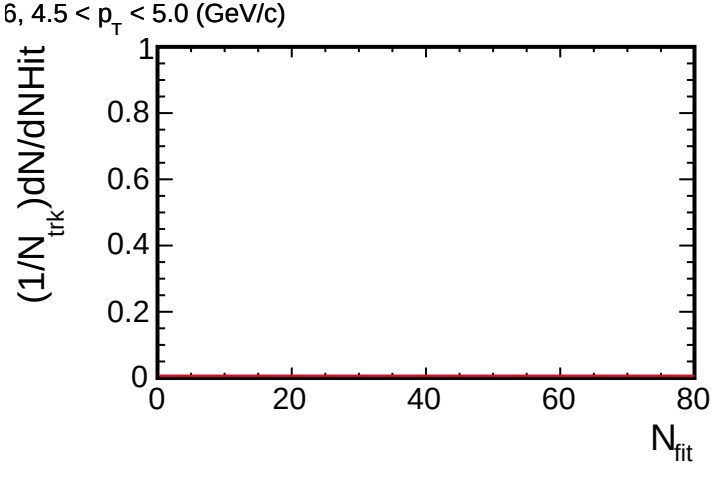
Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

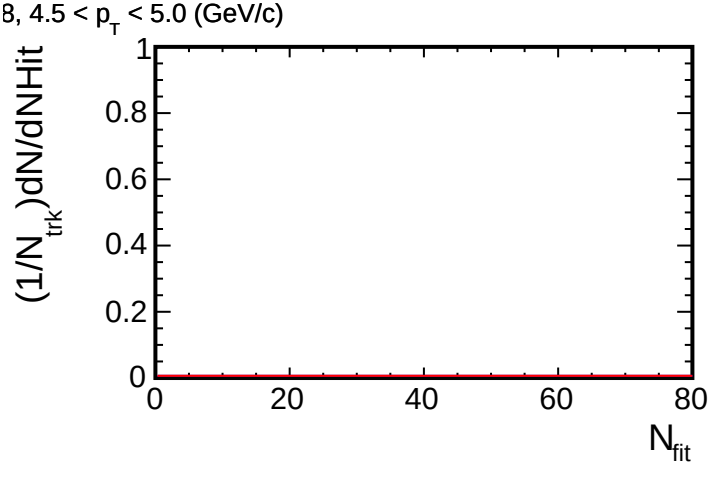
pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

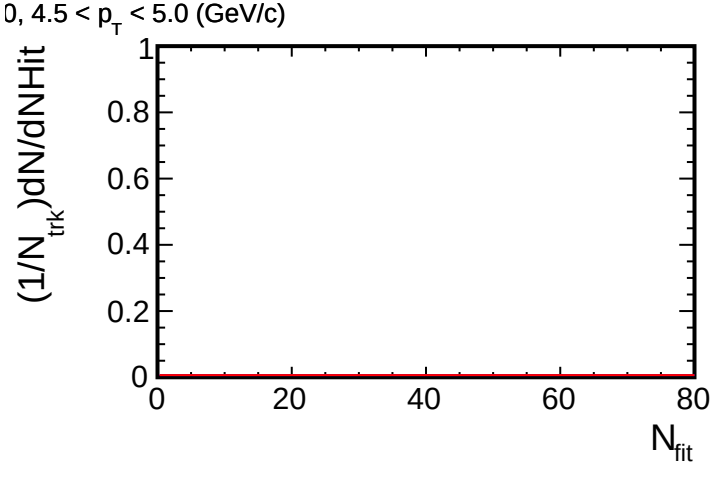
NHit distribution for (p_T, η) slices











Daughter He3 (from HyperTriton)
(CONTAM, geantid=49)

pi+
(PRIMARY, |n σ_{pi+}|<2 TPC)

End of QA