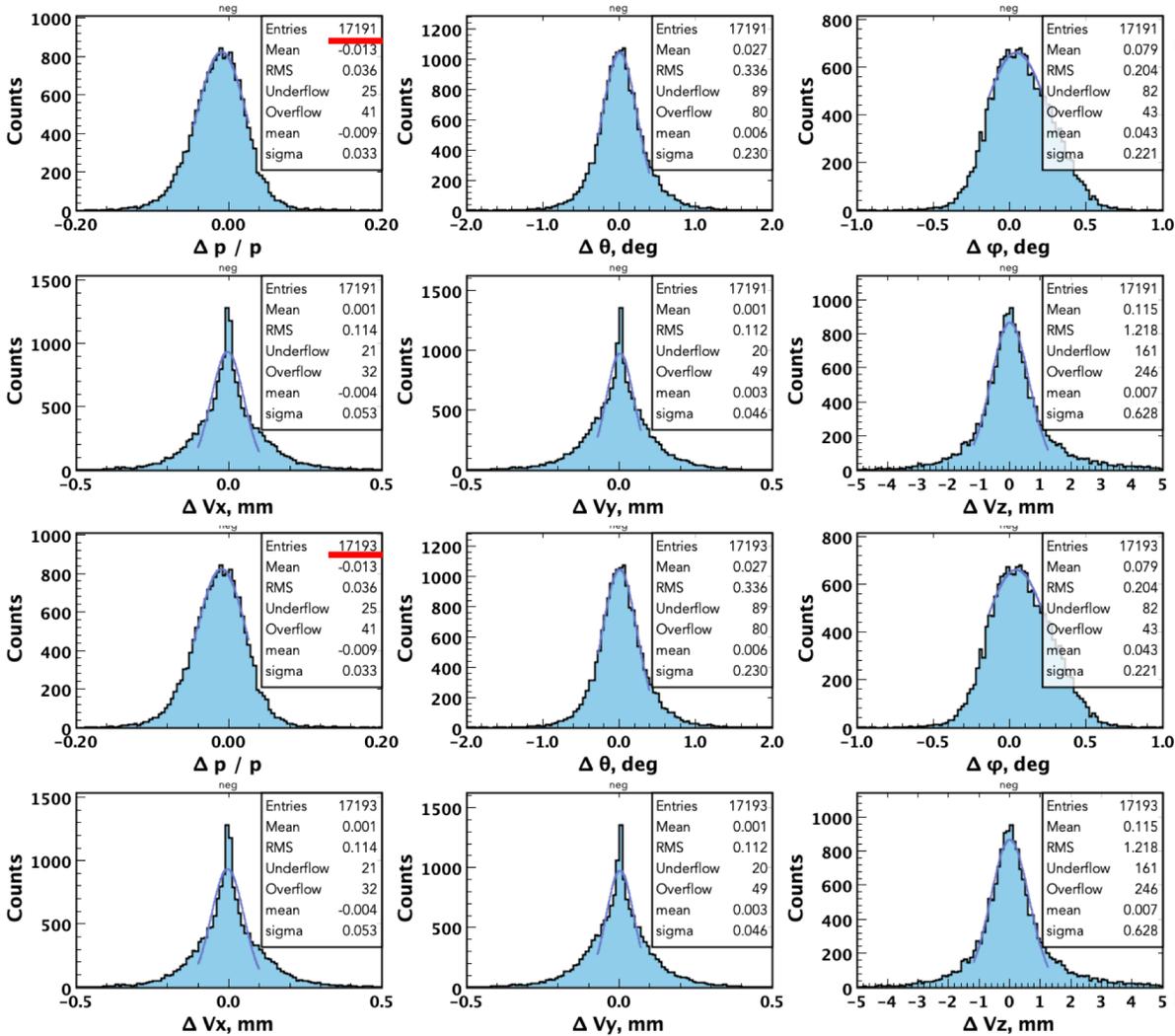


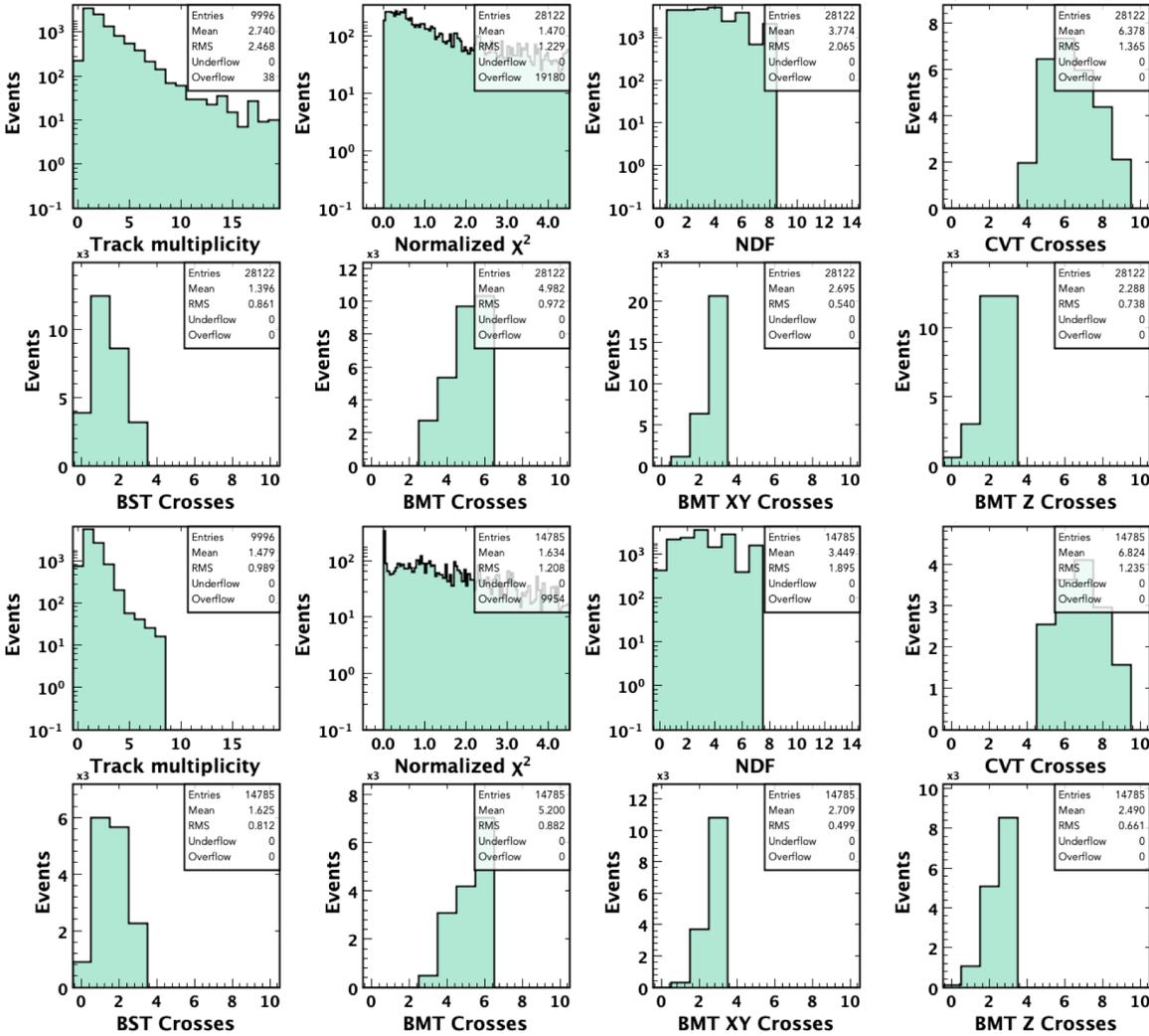
Negative muon, Hipo 3 vs. Hipo 4



Coatjava 5.9.0

Coatjava 6b.1.1

Positive muon, merged 50 nA background



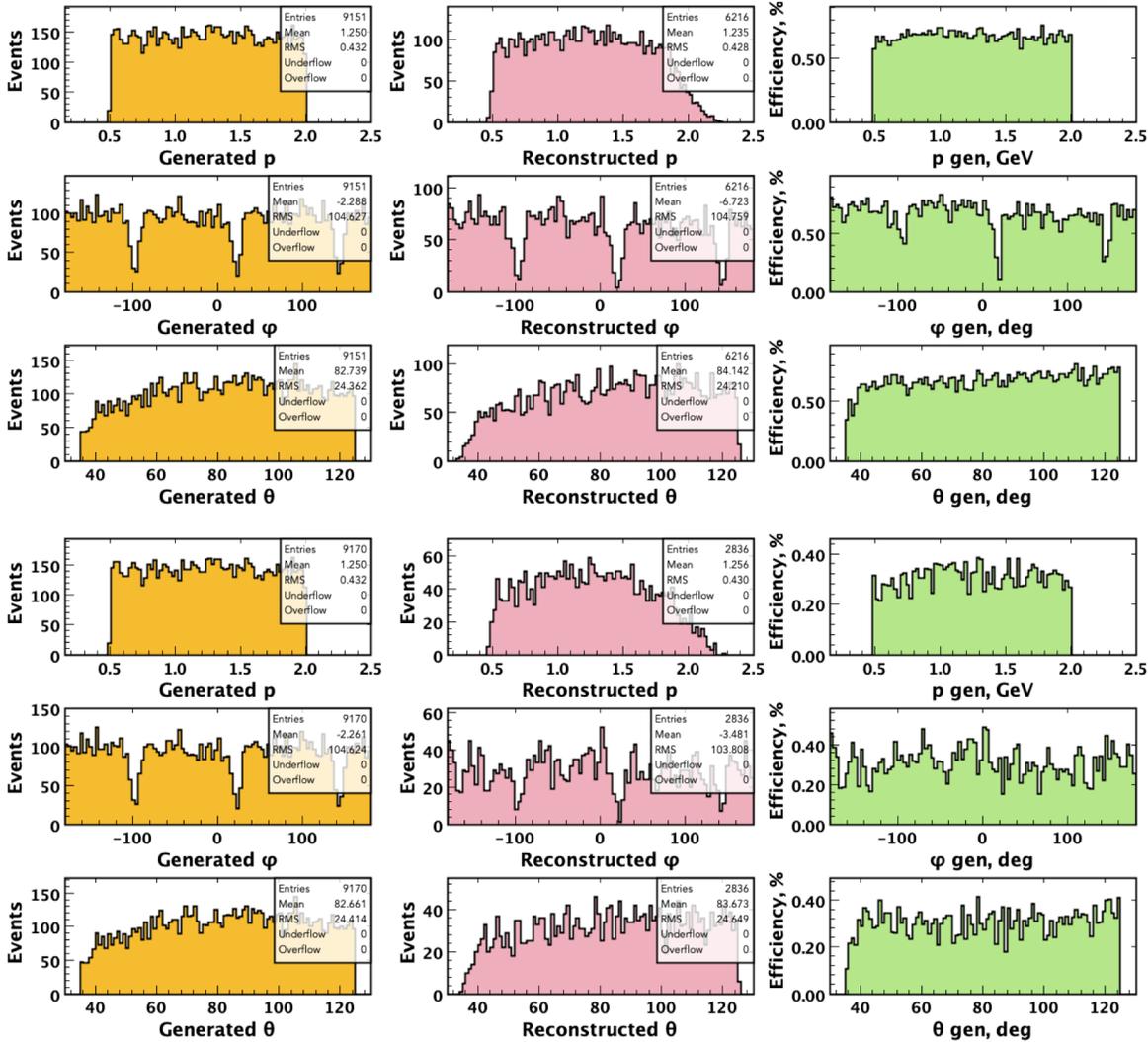
Coatjava 5.9.0
 Efficiency: 62%
 (67% using acceptance)

3 σ cut
 P: 5%
 Φ : 10 mrad (0.57 deg)
 Θ : 10 mrad (0.57 deg)

CVTAlign
 Efficiency: 28%
 (30% using acceptance)

3 σ cut
 P: 5%
 Φ : 10 mrad (0.57 deg)
 Θ : 10 mrad (0.57 deg)

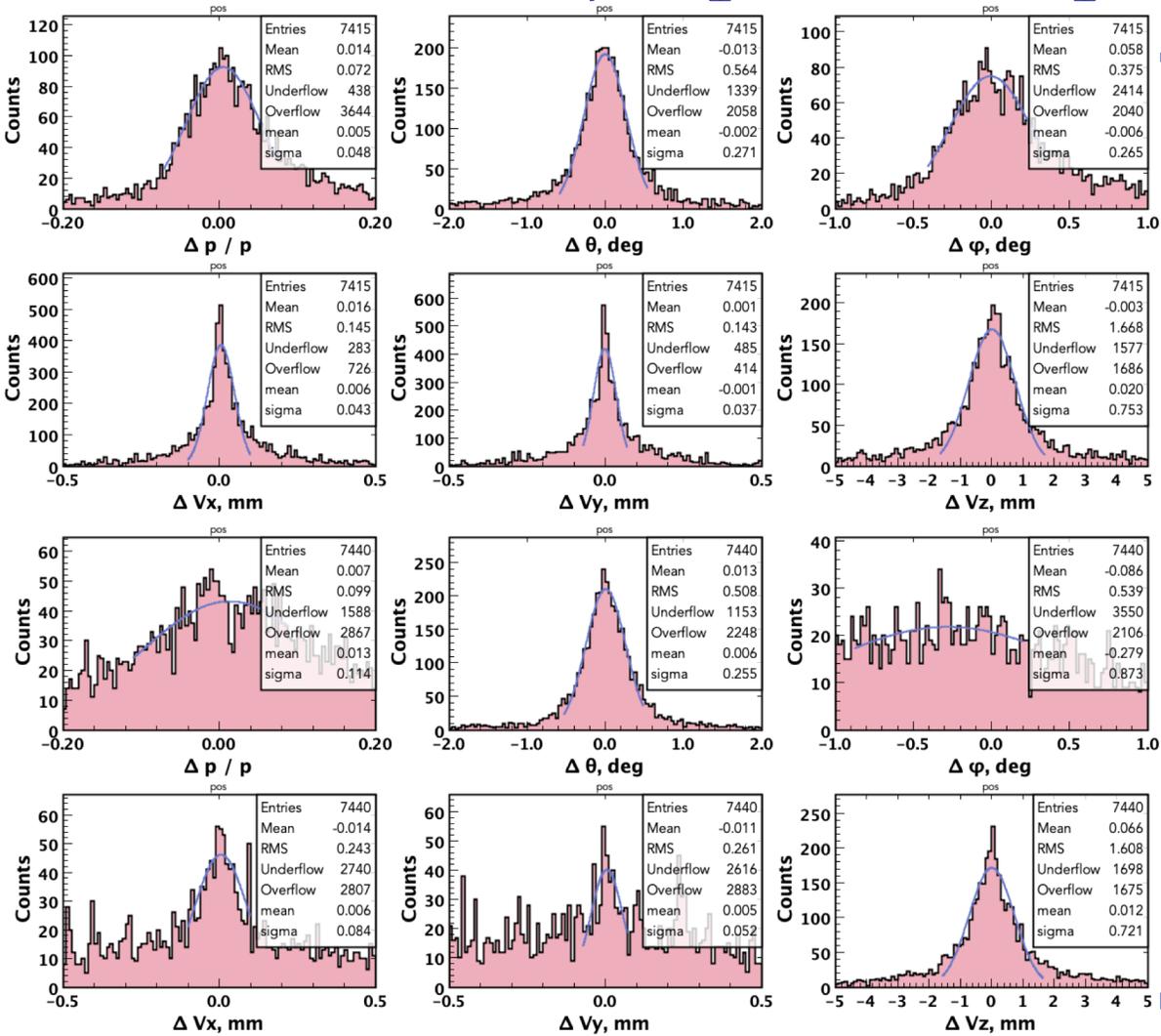
Positive muon, merged 50 nA background



Coatjava 5.9.0

CVTAlign

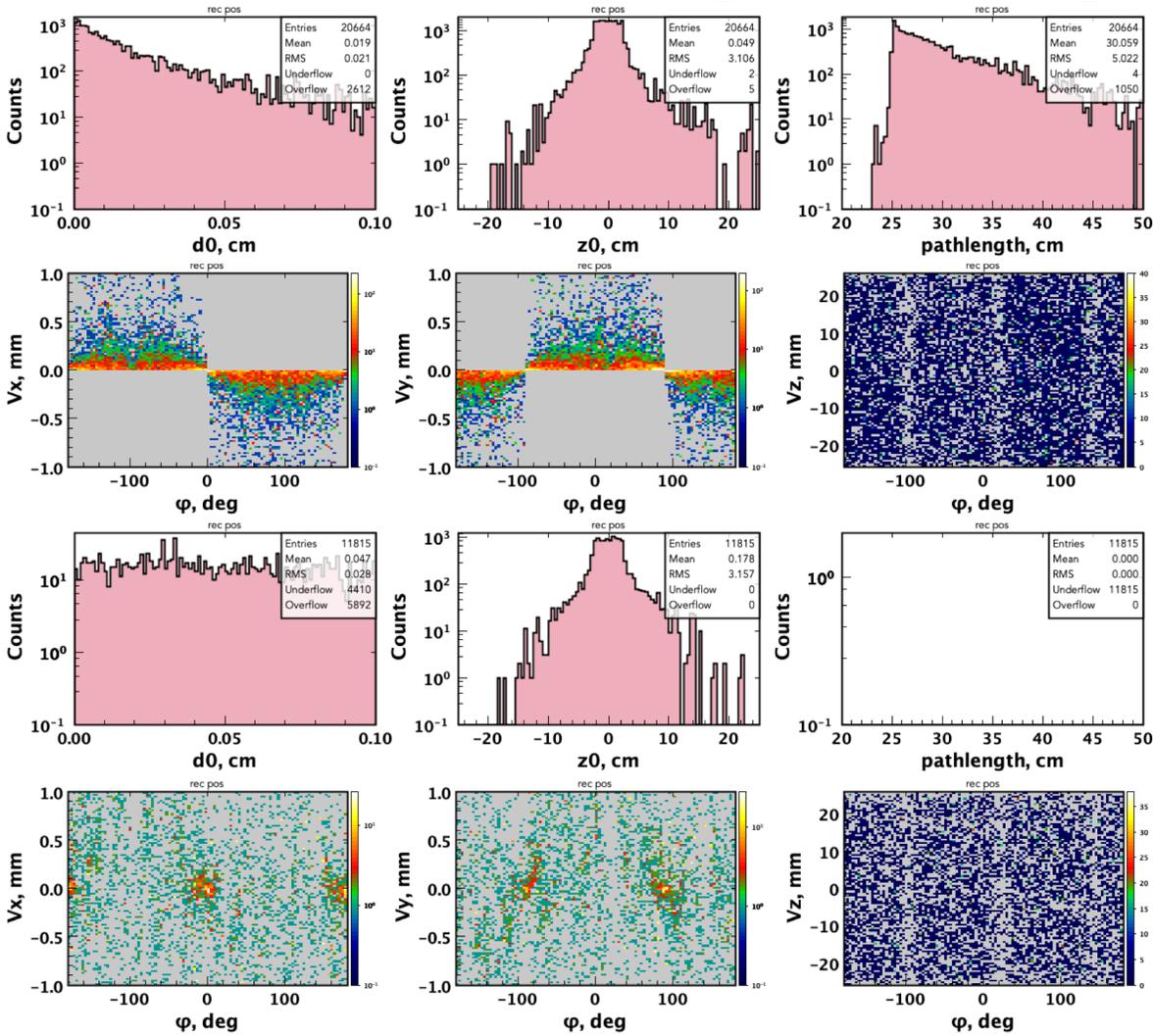
Positive muon, merged 50 nA background



Coatjava 5.9.0

CVTAlign

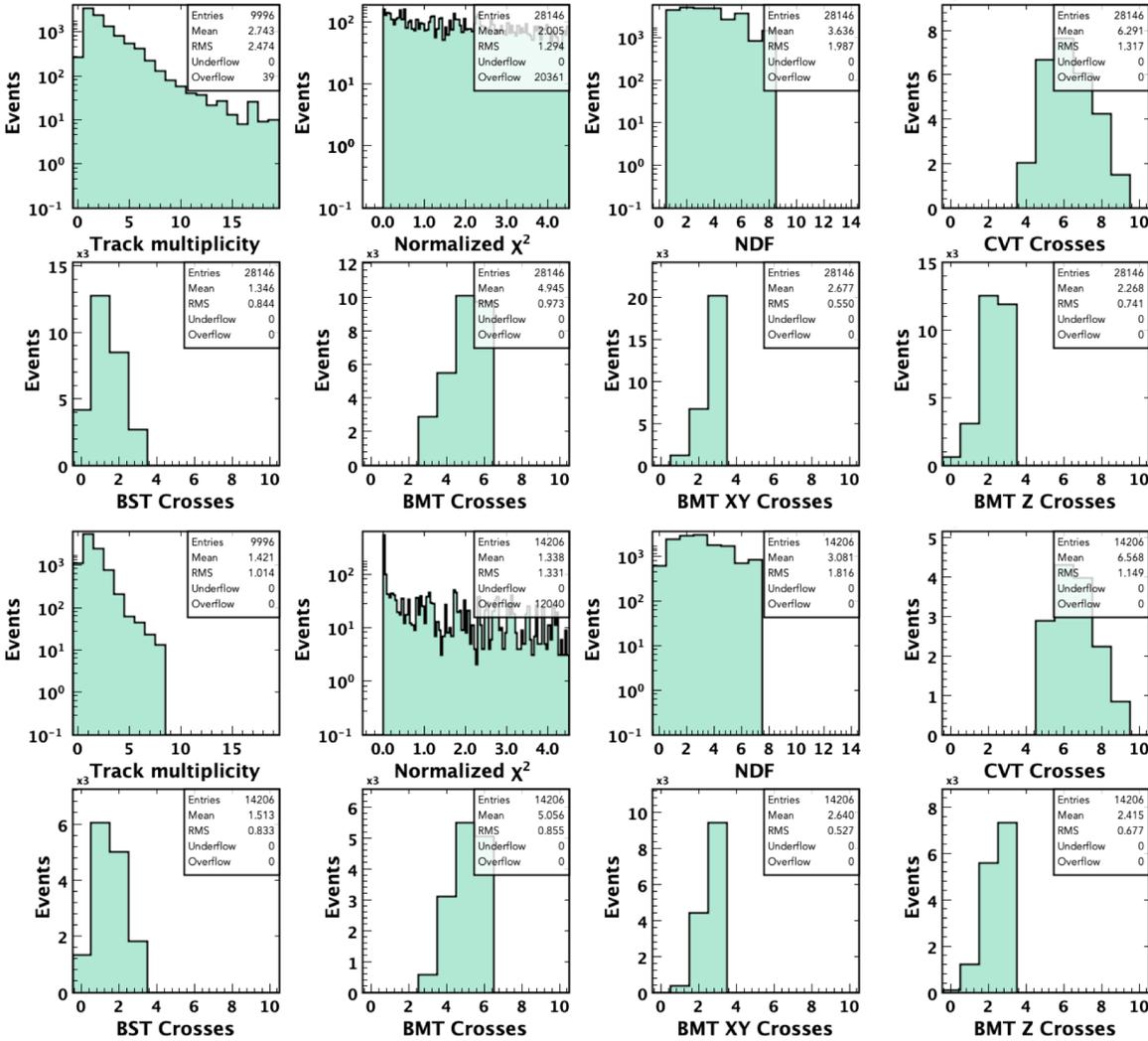
Positive muon, merged 50 nA background



Coatjava 5.9.0

CVTAlign

Negative muon, merged 50 nA background



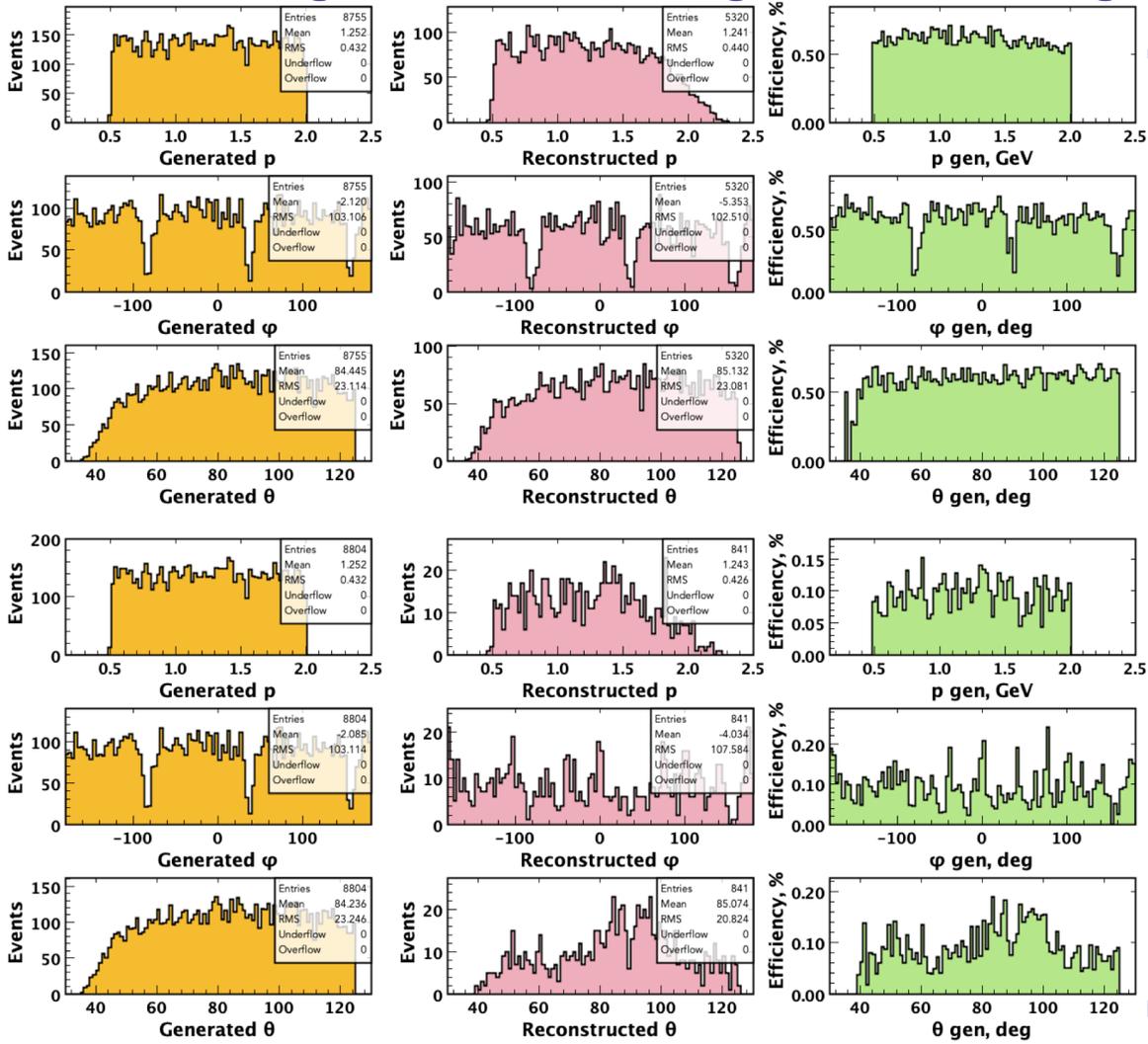
Coatjava 5.9.0
 Efficiency: 53%
 (60% using acceptance)

3σ cut
 P: 5%
 Φ : 10 mrad (0.57 deg)
 Θ : 10 mrad (0.57 deg)

CVTAlign
 Efficiency: 9%
 (8% using acceptance)

3σ cut
 P: 5%
 Φ : 10 mrad (0.57 deg)
 Θ : 10 mrad (0.57 deg)

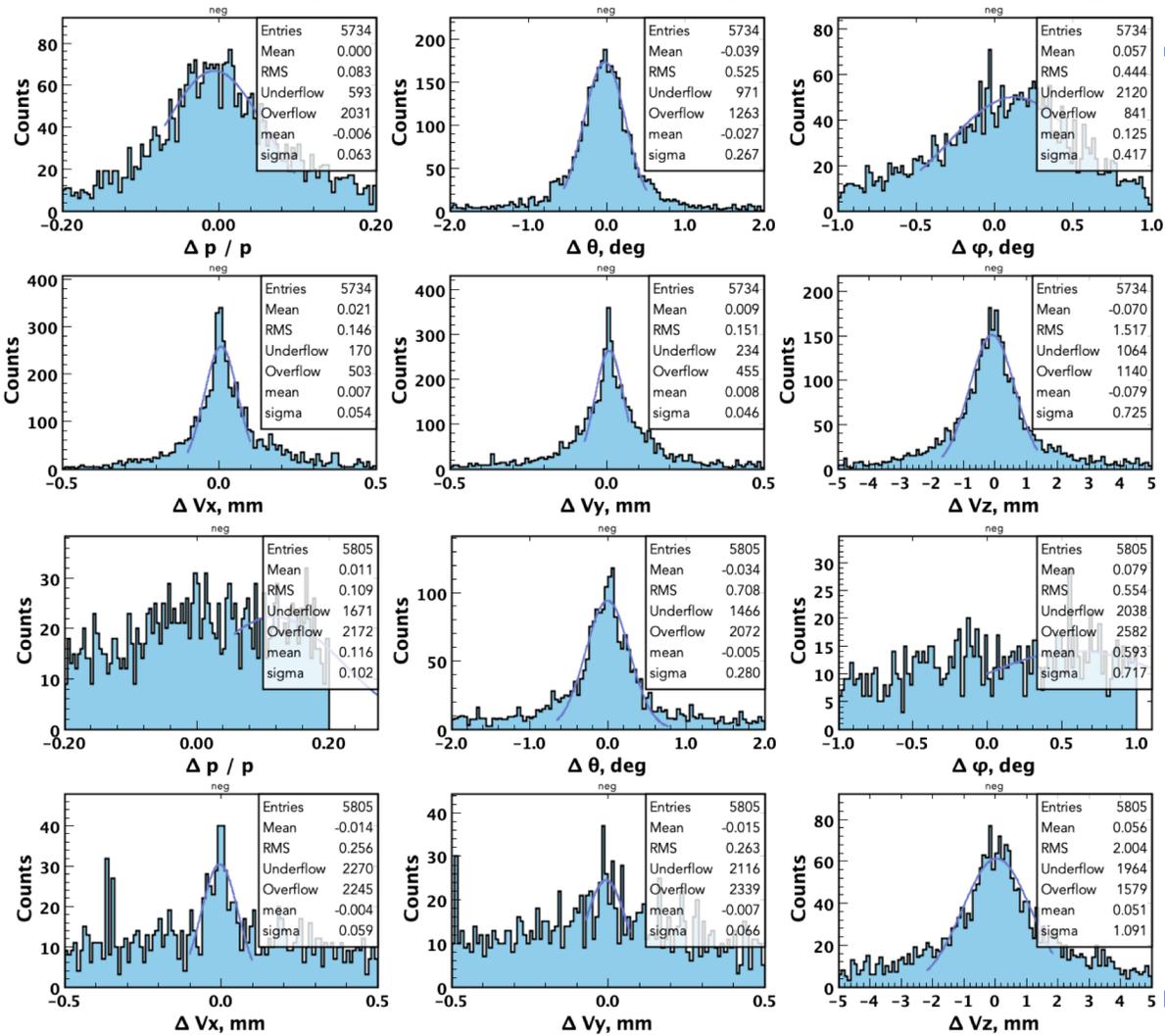
Negative muon, merged 50 nA background



Coatjava 5.9.0

CVTAlign

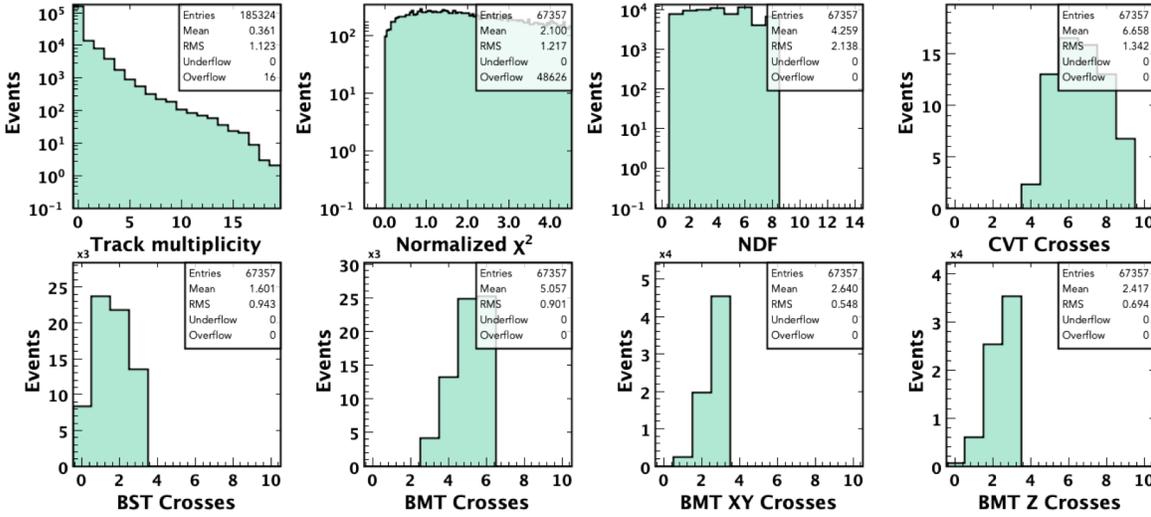
Negative muon, merged 50 nA background



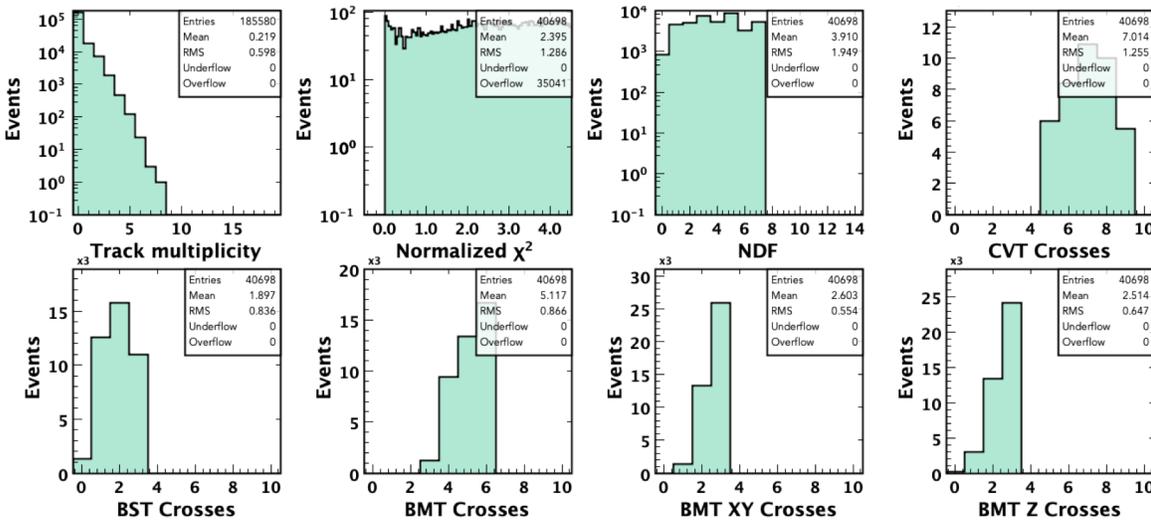
Coatjava 5.9.0

CVTAlign

RGA run 6652, 50 nA

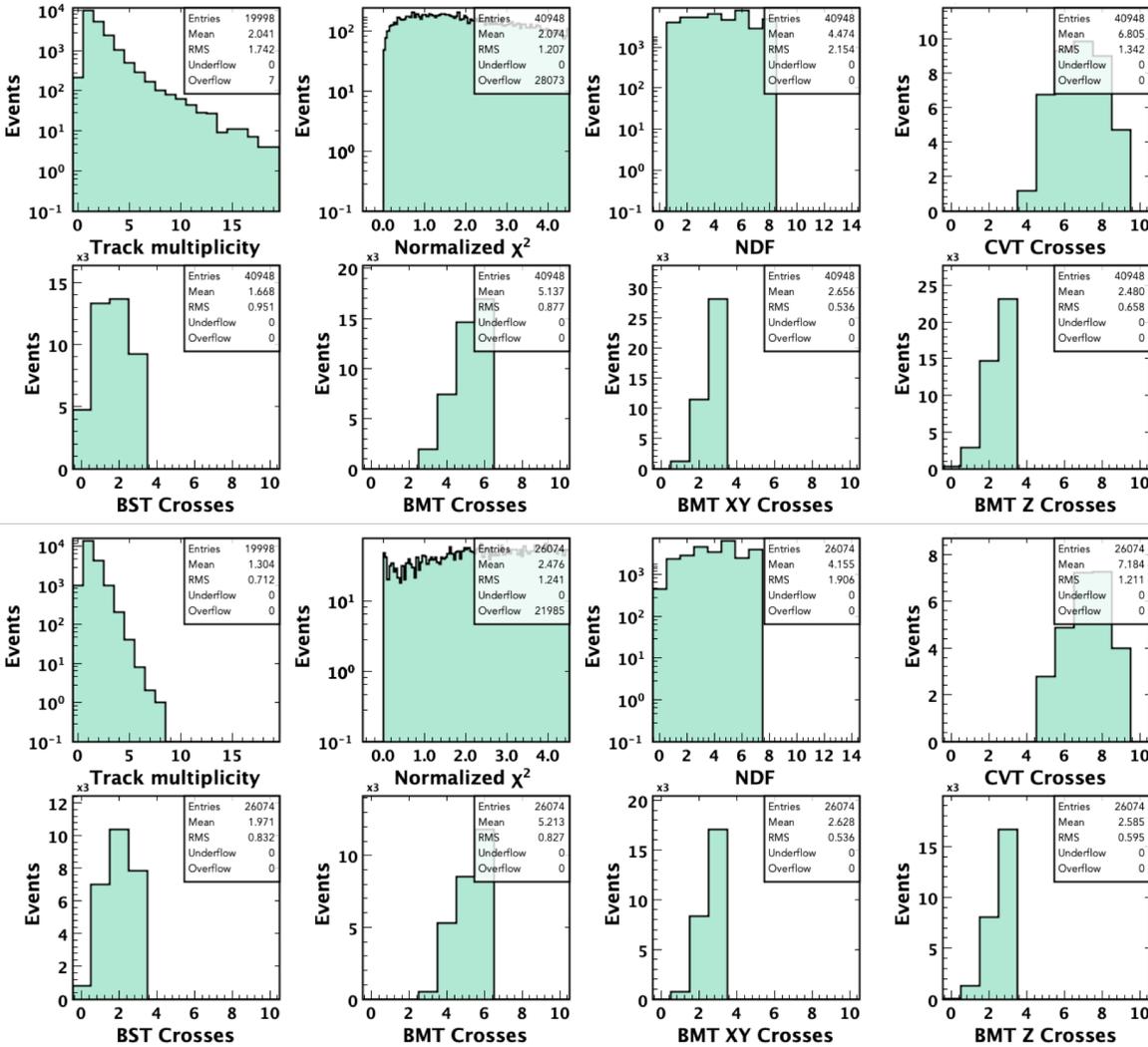


Coatjava 5.9.0



CVTAlign

RGB run 6371, 5 nA, merged 50 nA background



Coatjava 5.9.0
 Efficiency: 70% (3 σ cut)
 Efficiency: 75% (5 σ cut)
 avg time 33 ms (no bg)
 avg time 75 ms (bg)

P: 10% (no alignment)
 Φ : 10 mrad (0.57 deg)
 Θ : 10 mrad (0.57 deg)

CVTAlign
 Efficiency: 50% (3 σ cut)
 Efficiency: 59% (5 σ cut)
 avg time 29 ms (no bg)
 avg time 59 ms (bg)

P: 10% (no alignment)
 Φ : 10 mrad (0.57 deg)
 Θ : 10 mrad (0.57 deg)

RGB run 6371, 5 nA, merged 50 nA background

