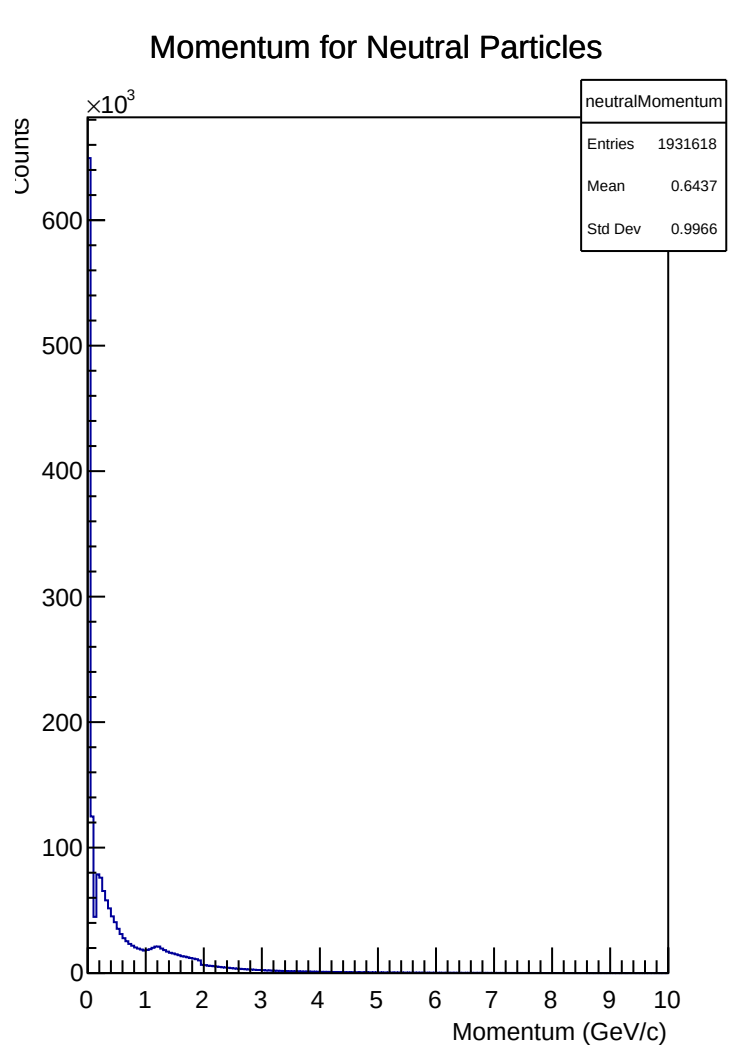
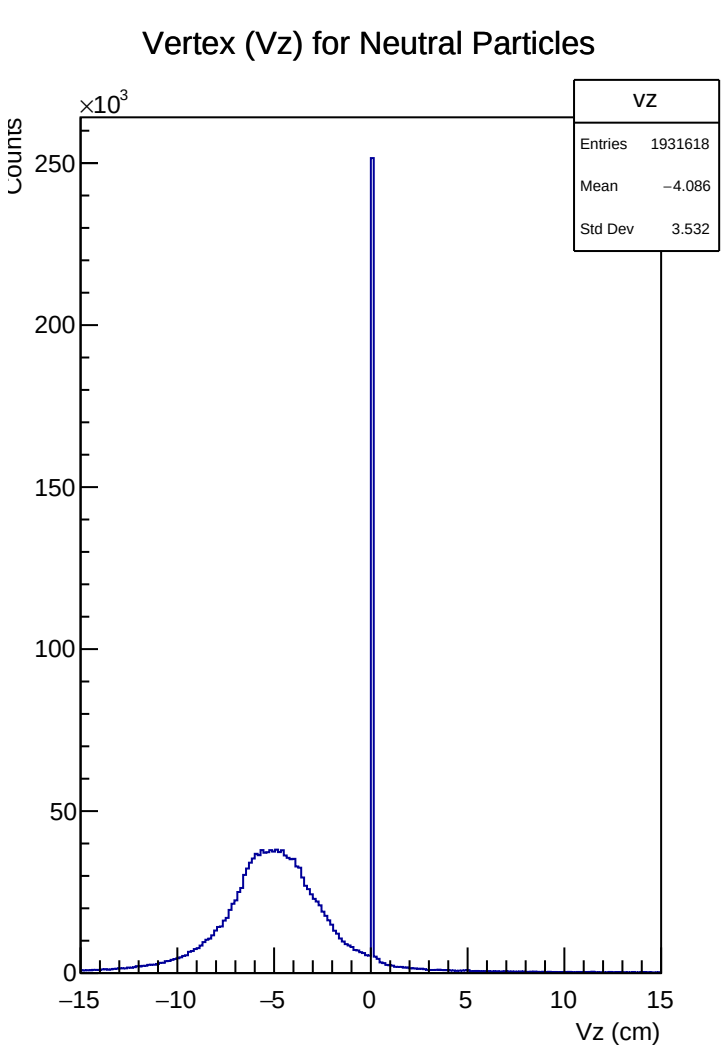
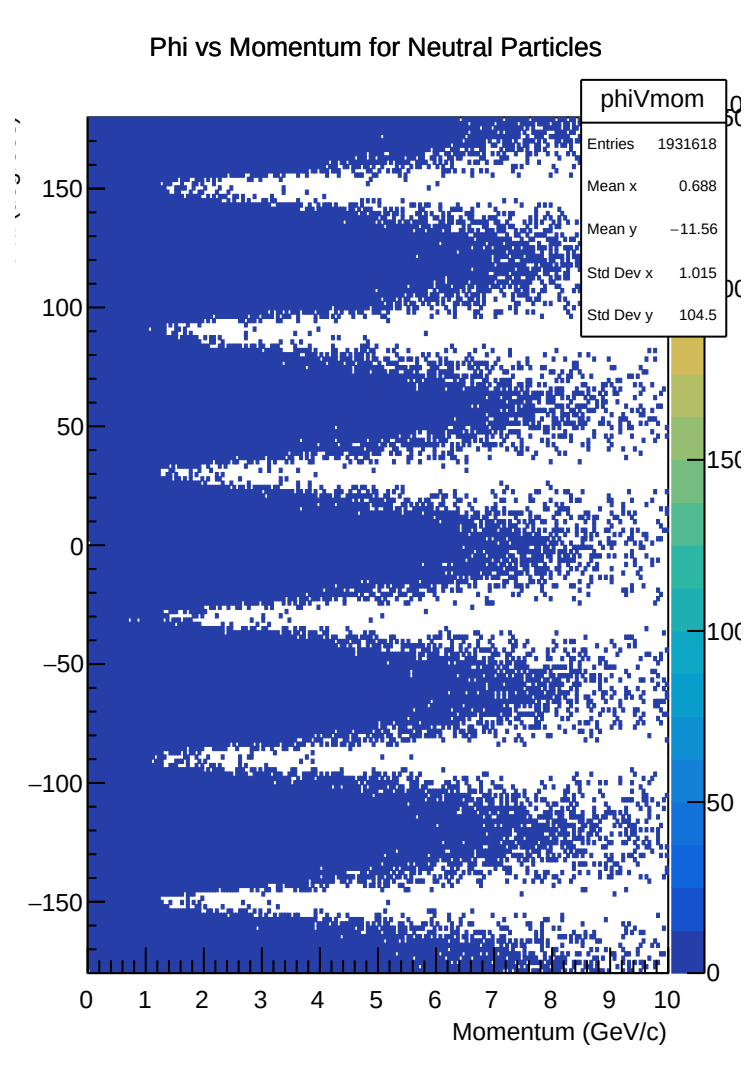
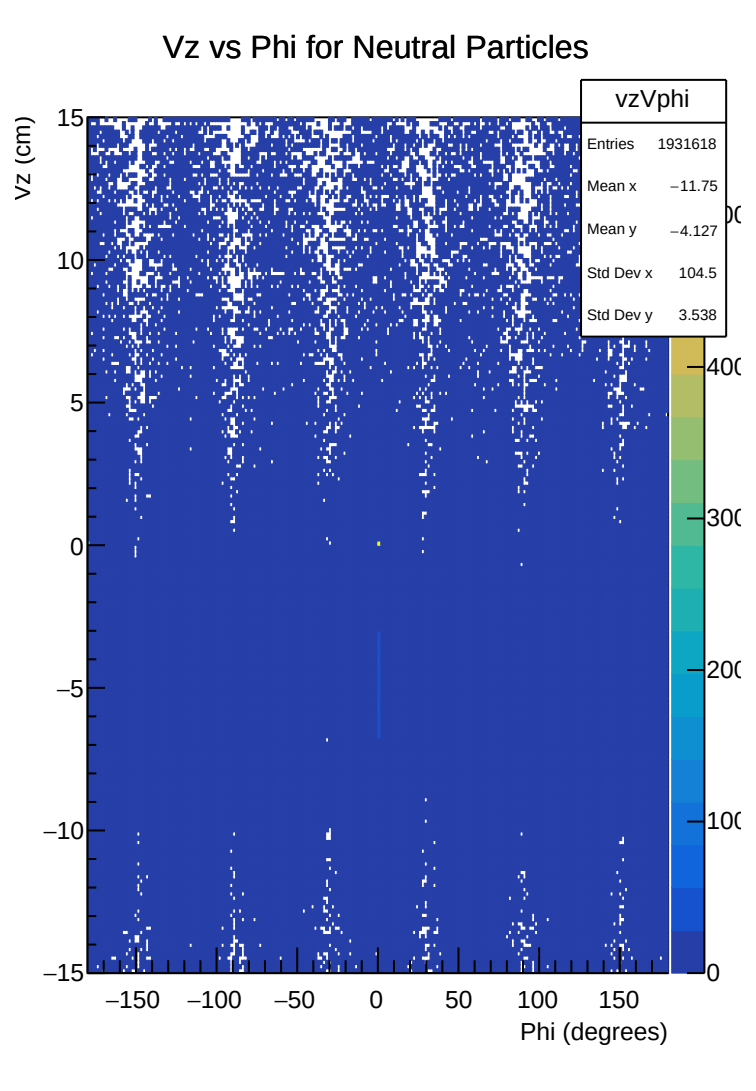
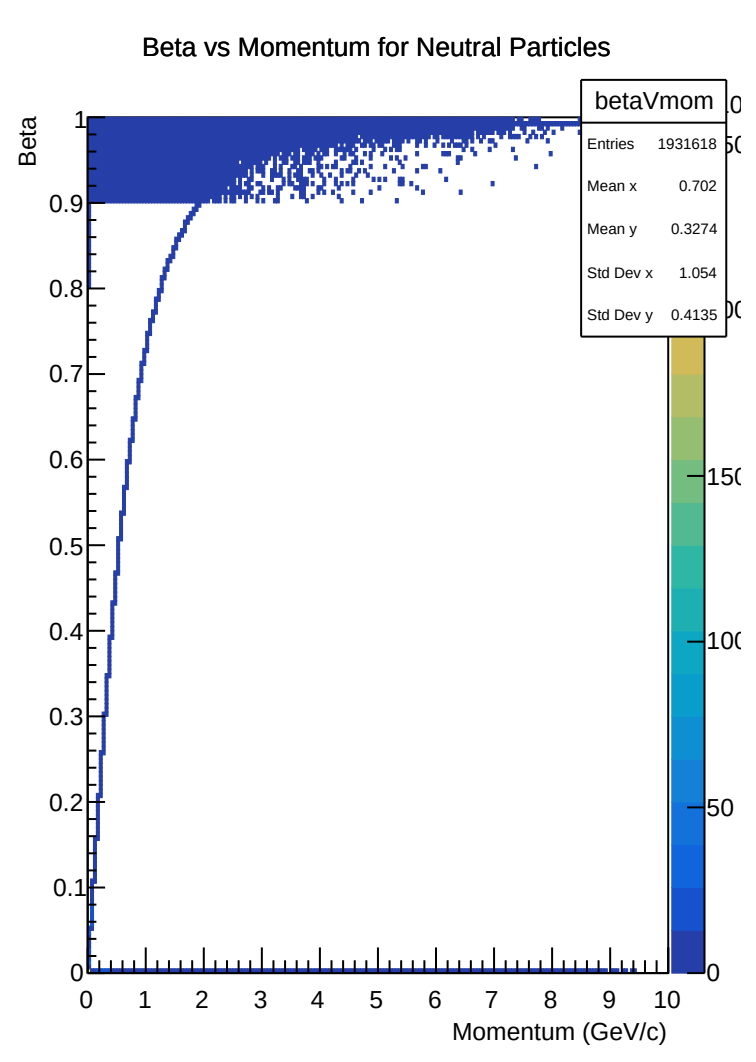
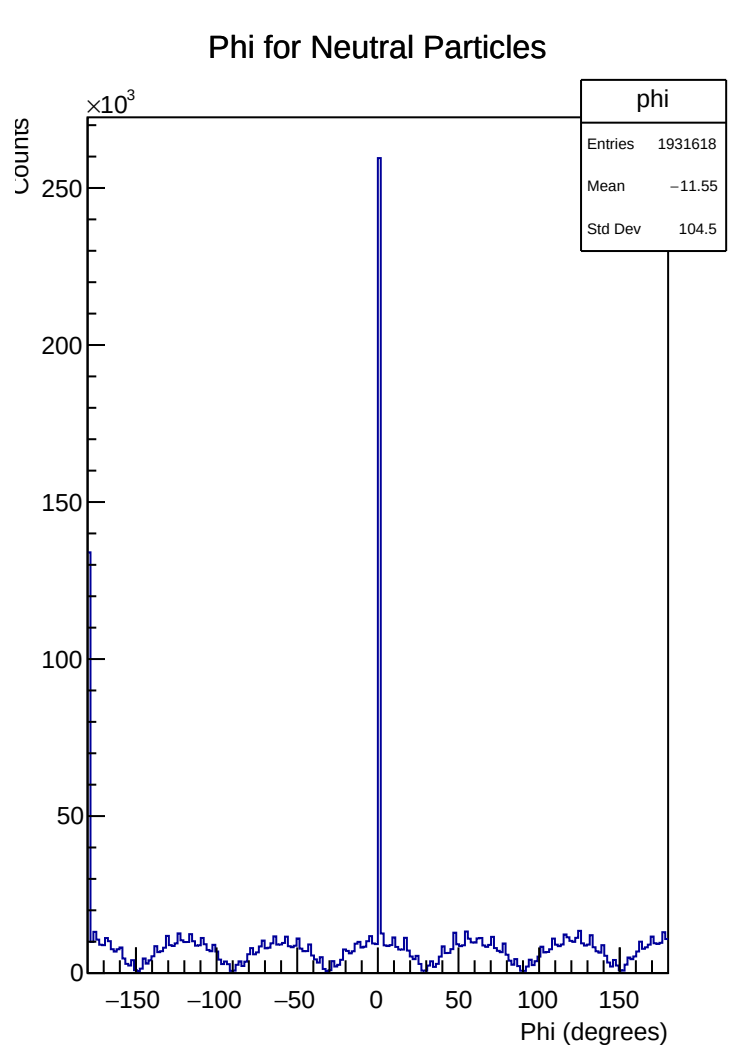

Momentum for Neutral Particles
neutralMomentum
Entries 1931618
Mean 0.6437
Std Dev 0.9966
×10^3
Counts
600
500
400
300
200
100
0
0 1 2 3 4 5 6 7 8 9 10
Momentum (GeV/c)

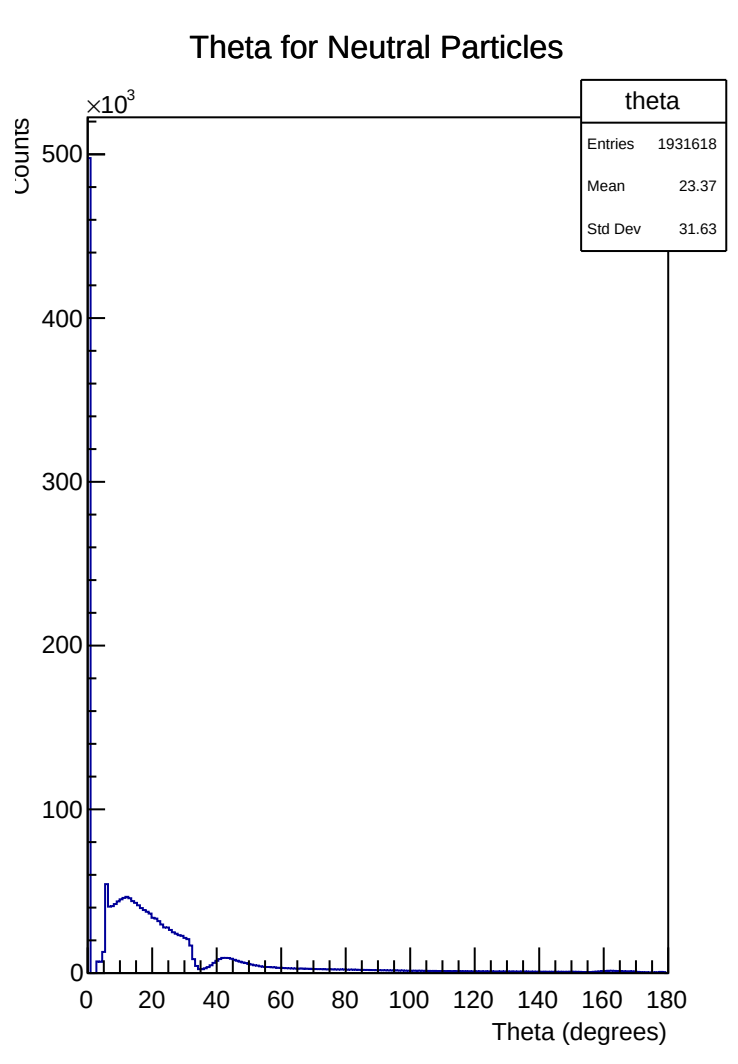

Vertex (Vz) for Neutral Particles
VZ
Entries 1931618
Mean −4.086
Std Dev 3.532
×10^3
Counts
250
200
150
100
50
0
−15 −10 −5 0 5 10 15
Vz (cm)

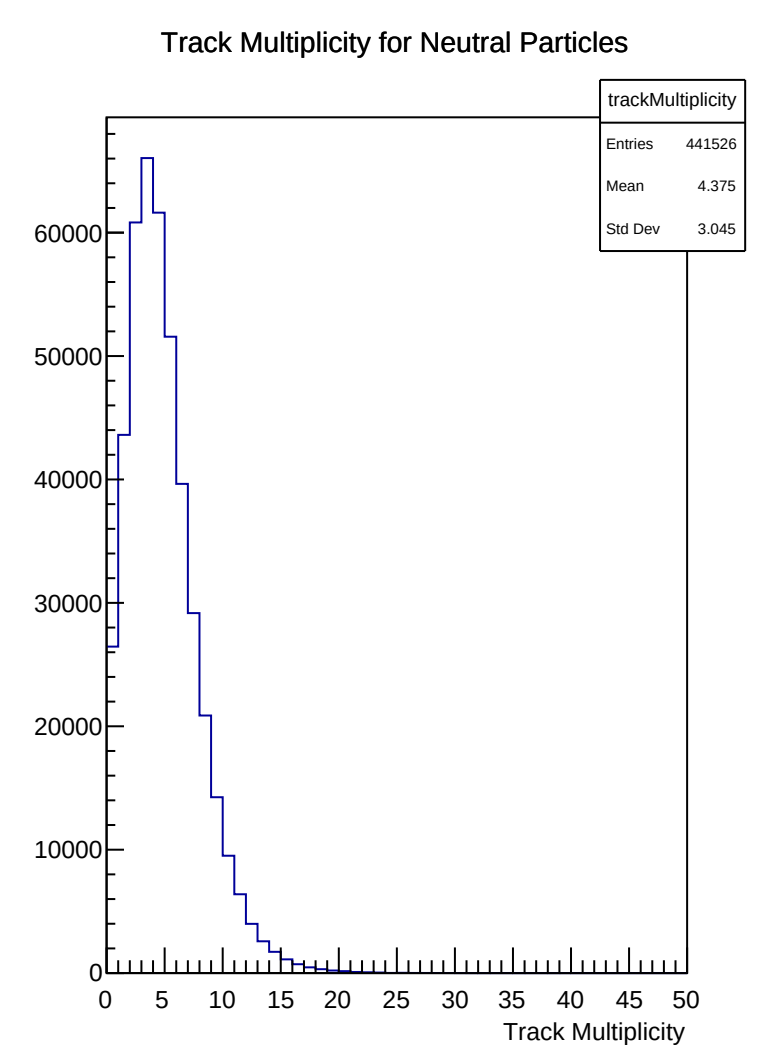

Phi vs Momentum for Neutral Particles
phiVmom
Entries 1931618
Mean x 0.688
Mean y −11.56
Std Dev x 1.015
Std Dev y 104.5
150
100
50
0
−50
−100
−150
0 1 2 3 4 5 6 7 8 9 10
Momentum (GeV/c)

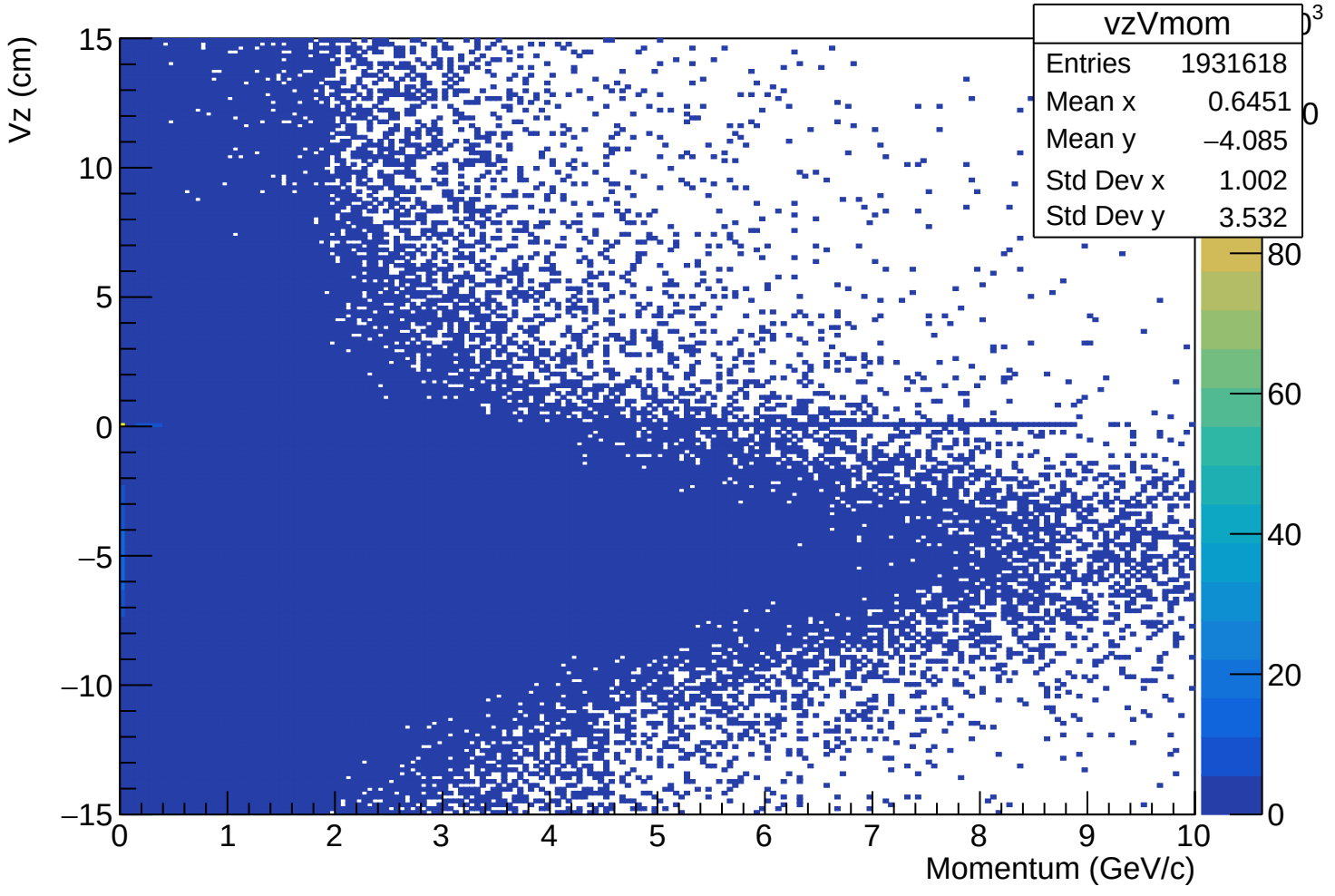

Vz vs Phi for Neutral Particles
vzVphi
Entries 1931618
Mean x −11.75
Mean y −4.127
Std Dev x 104.5
Std Dev y 3.538
Vz (cm)
15
10
5
0
−5
−10
−15
−150 −100 −50 0 50 100 150
Phi (degrees)

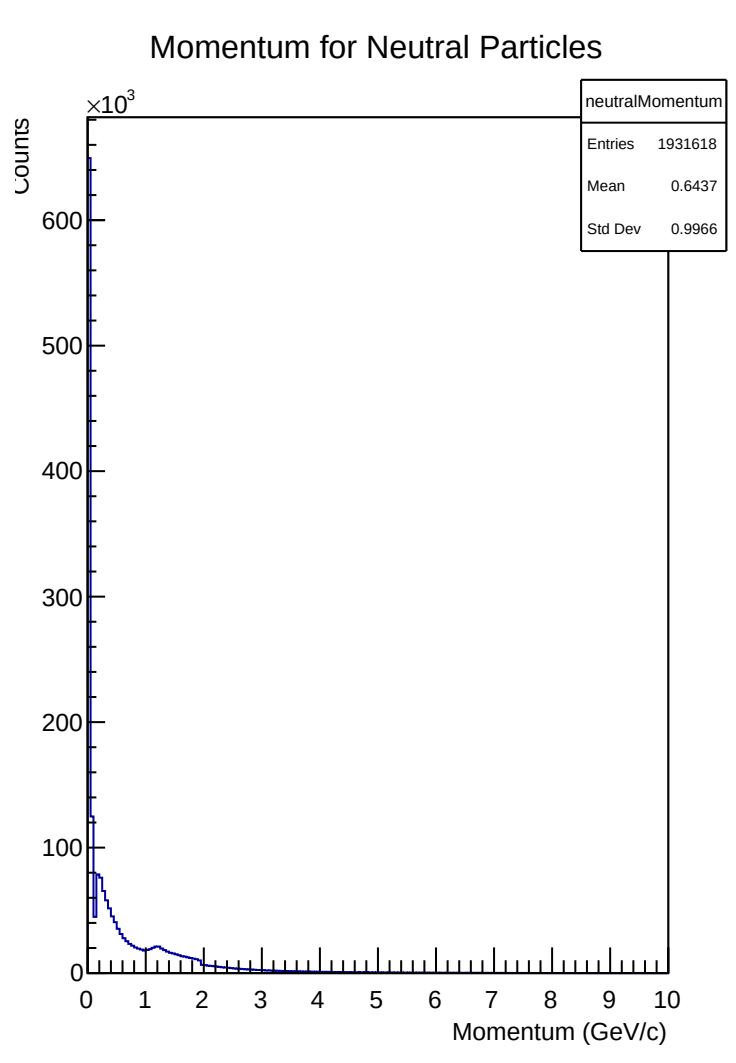

Beta vs Momentum for Neutral Particles
betaVmom
Entries 1931618
Mean x 0.702
Mean y 0.3274
Std Dev x 1.054
Std Dev y 0.4135
Beta
Momentum (GeV/c)

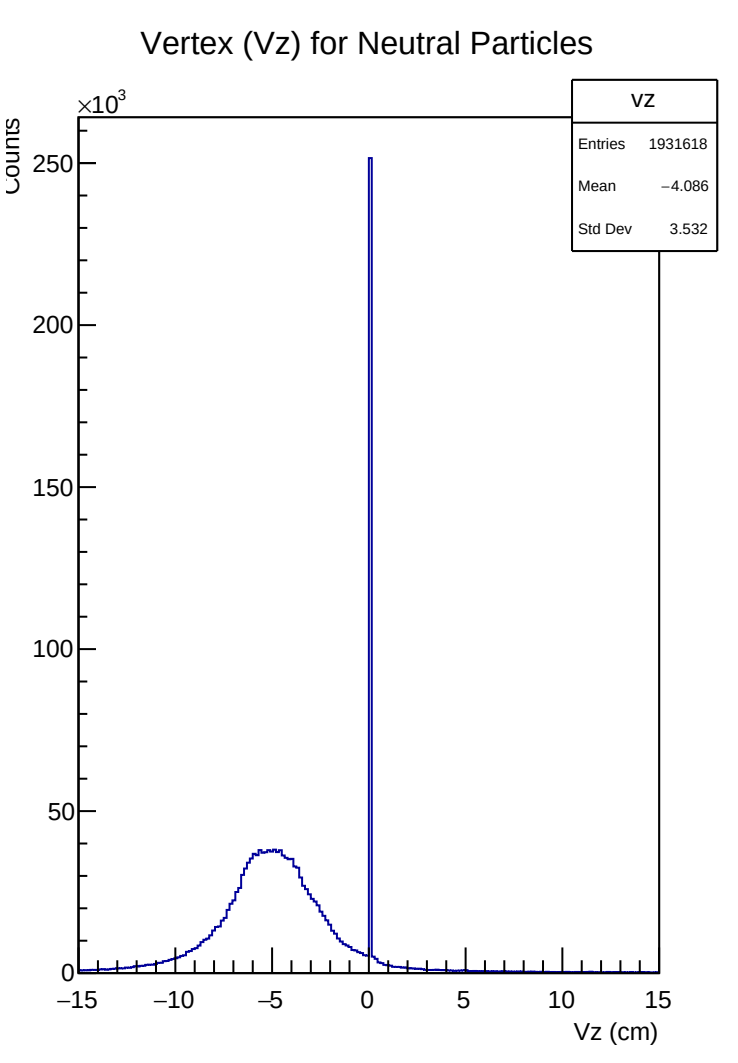

Phi for Neutral Particles
phi
Entries 1931618
Mean −11.55
Std Dev 104.5
Counts
×10^3
Phi (degrees)


Theta for Neutral Particles
theta
Entries 1931618
Mean 23.37
Std Dev 31.63
Counts
×10^3
500
400
300
200
100
0
0 20 40 60 80 100 120 140 160 180
Theta (degrees)


Track Multiplicity for Neutral Particles
trackMultiplicity
Entries 441526
Mean 4.375
Std Dev 3.045
60000
50000
40000
30000
20000
10000
0
0 5 10 15 20 25 30 35 40 45 50
Track Multiplicity


Vz vs Momentum for Neutral Particles
vzVmom
Entries 1931618
Mean x 0.6451
Mean y –4.085
Std Dev x 1.002
Std Dev y 3.532
Vz (cm)
Momentum (GeV/c)
15
10
5
0
–5
–10
–15
0
1
2
3
4
5
6
7
8
9
10
80
60
40
20
0


Momentum for Neutral Particles
neutralMomentum
Entries 1931618
Mean 0.6437
Std Dev 0.9966
×10^3
Counts
600
500
400
300
200
100
0
0 1 2 3 4 5 6 7 8 9 10
Momentum (GeV/c)


Vertex (Vz) for Neutral Particles
VZ
Entries 1931618
Mean −4.086
Std Dev 3.532
×10^3
Counts
250
200
150
100
50
0
−15 −10 −5 0 5 10 15
Vz (cm)