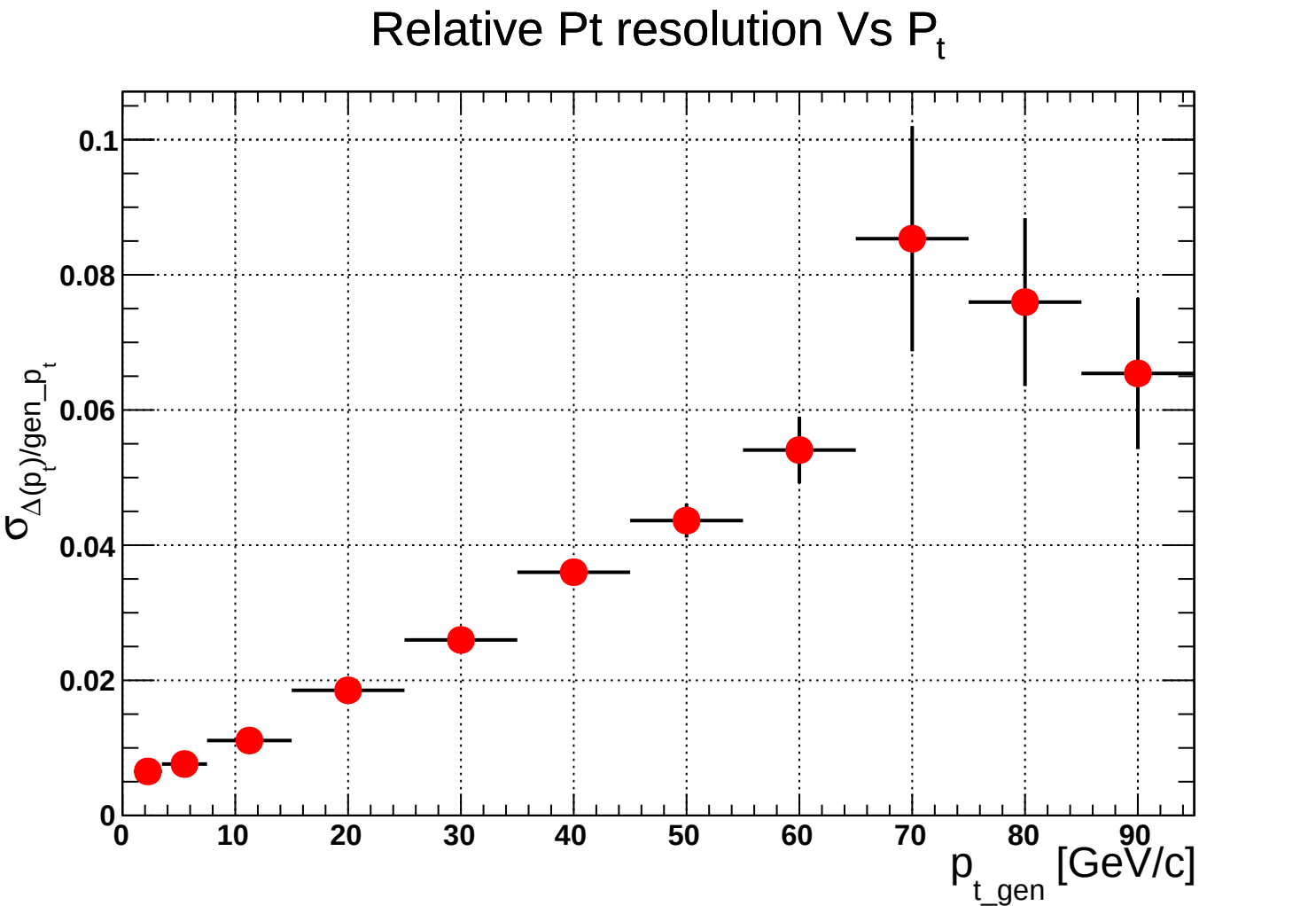
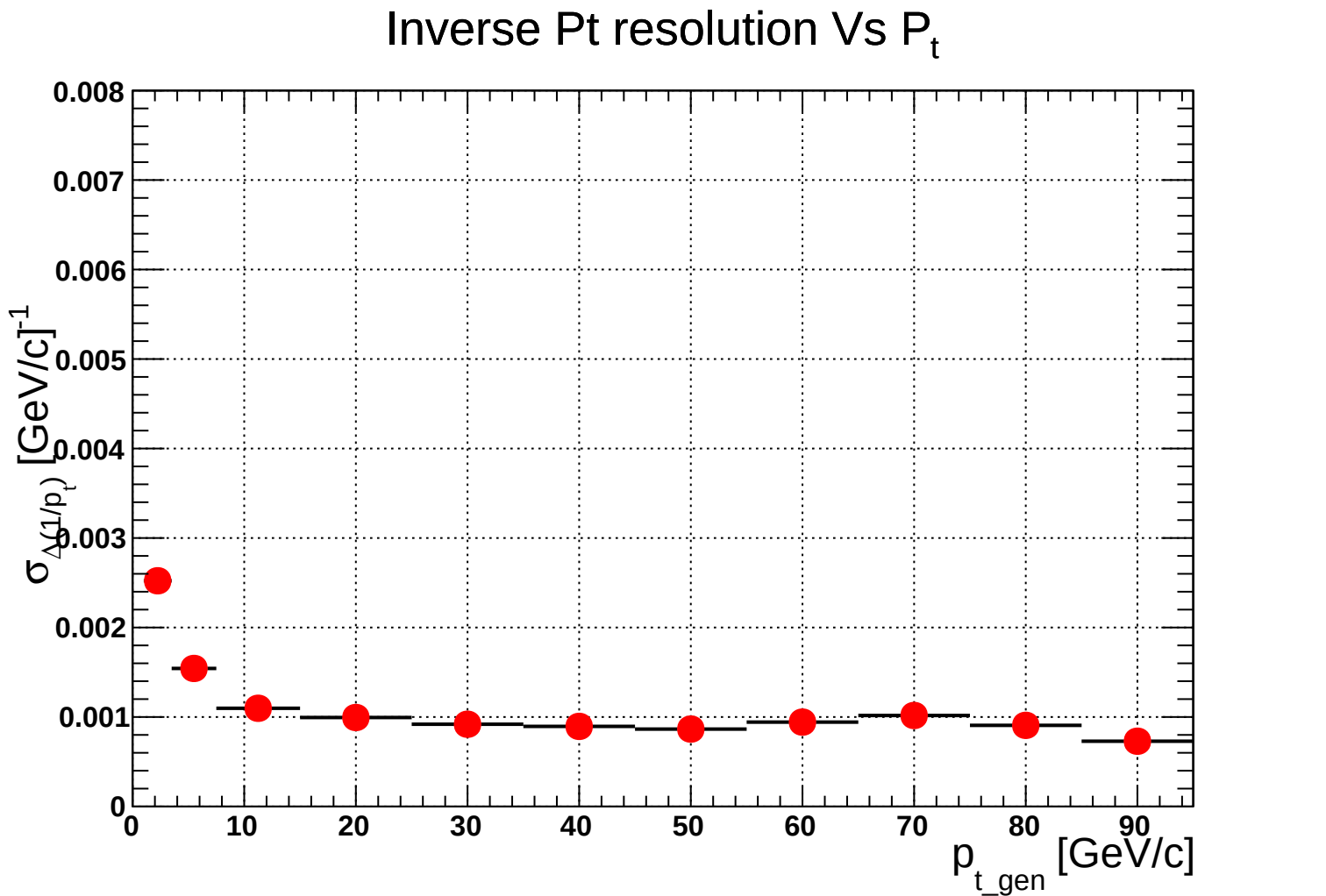
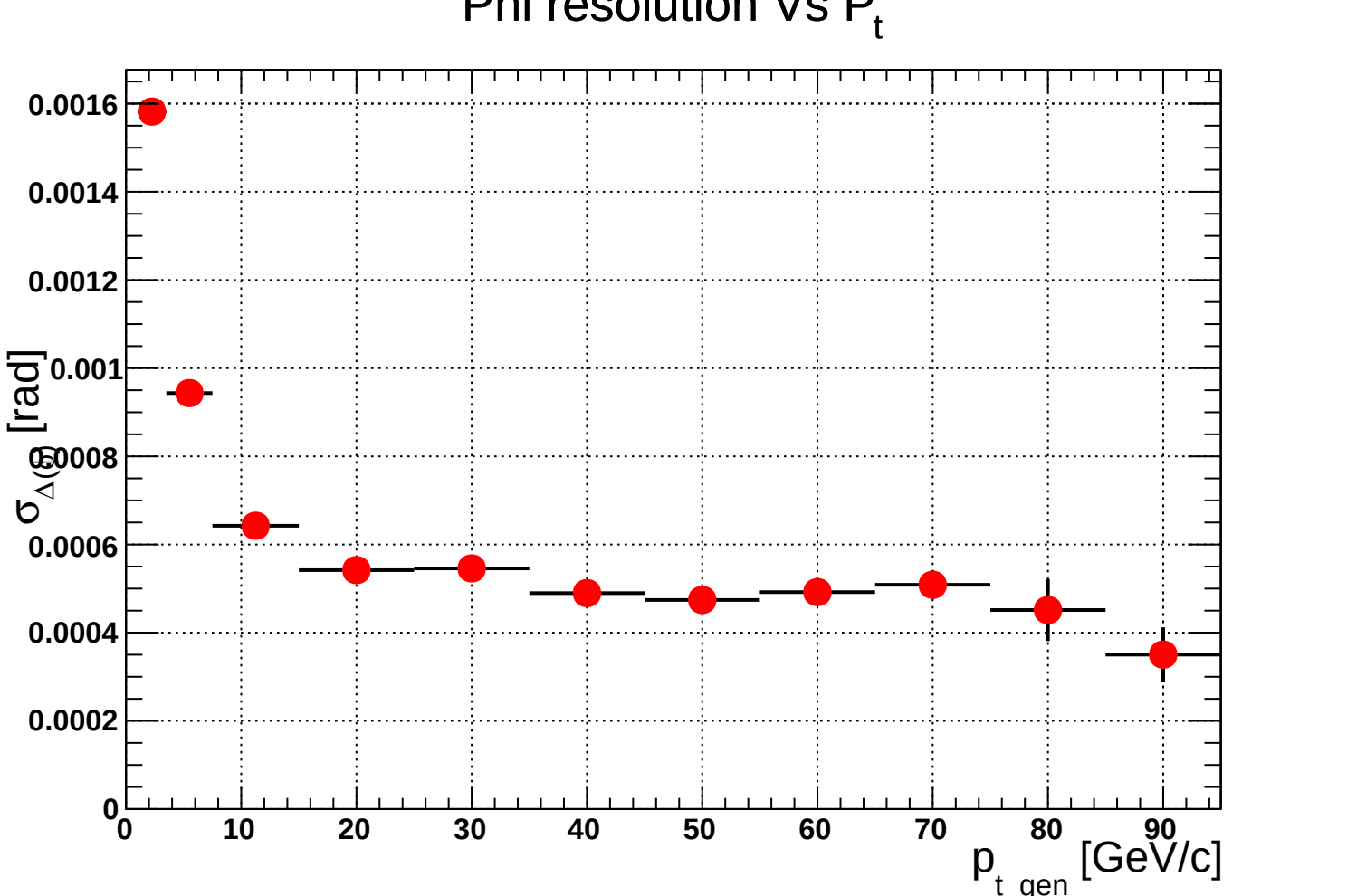
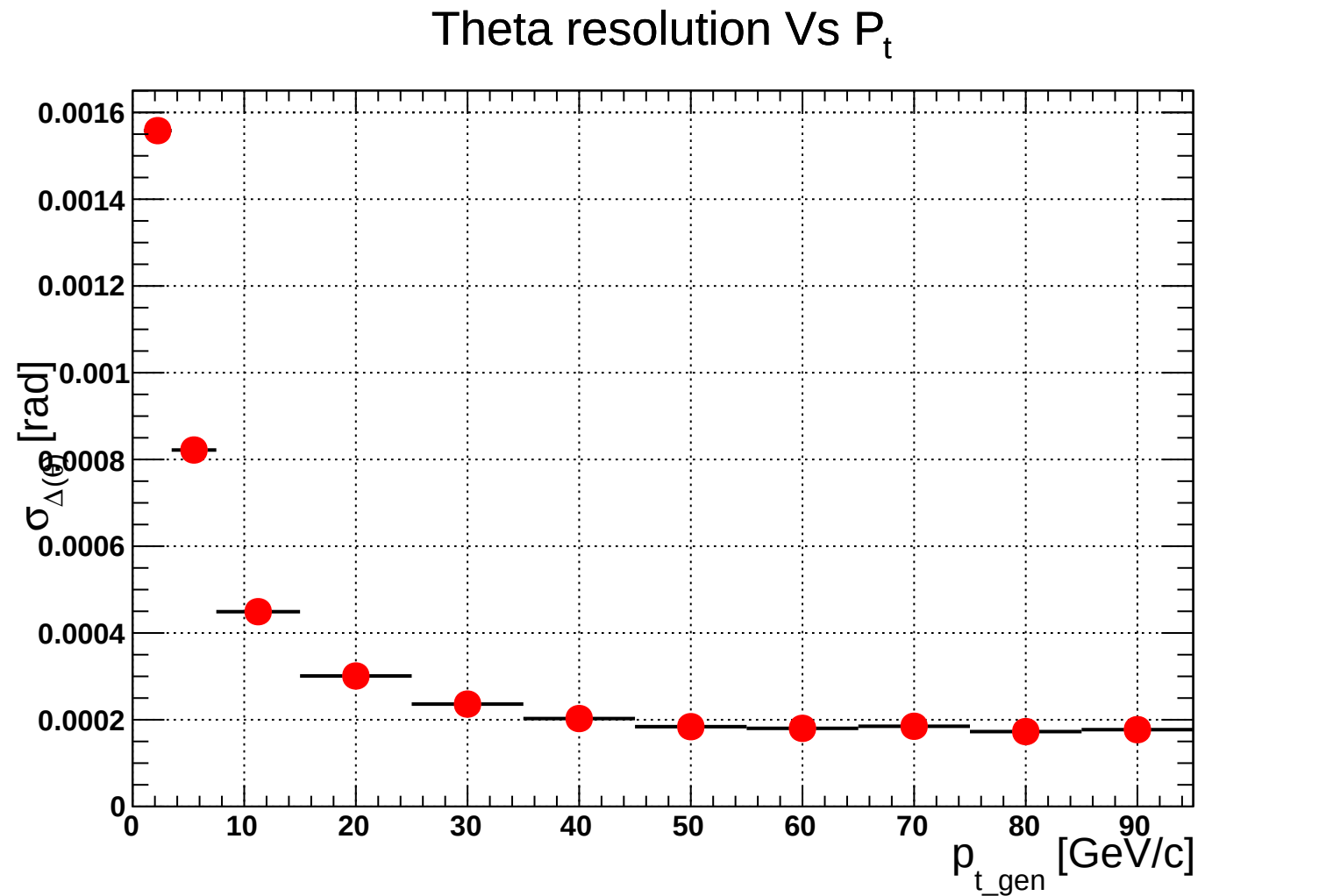
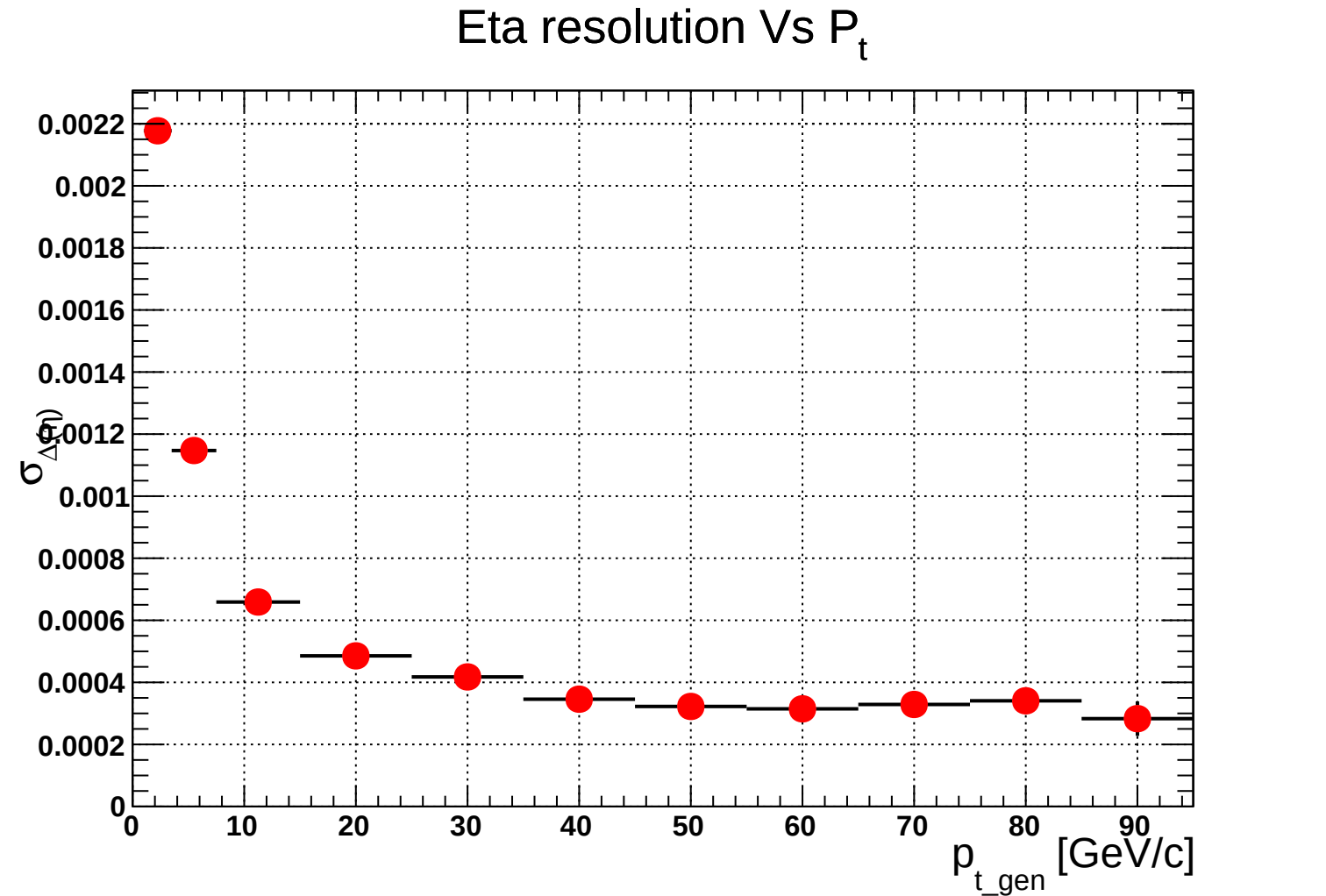
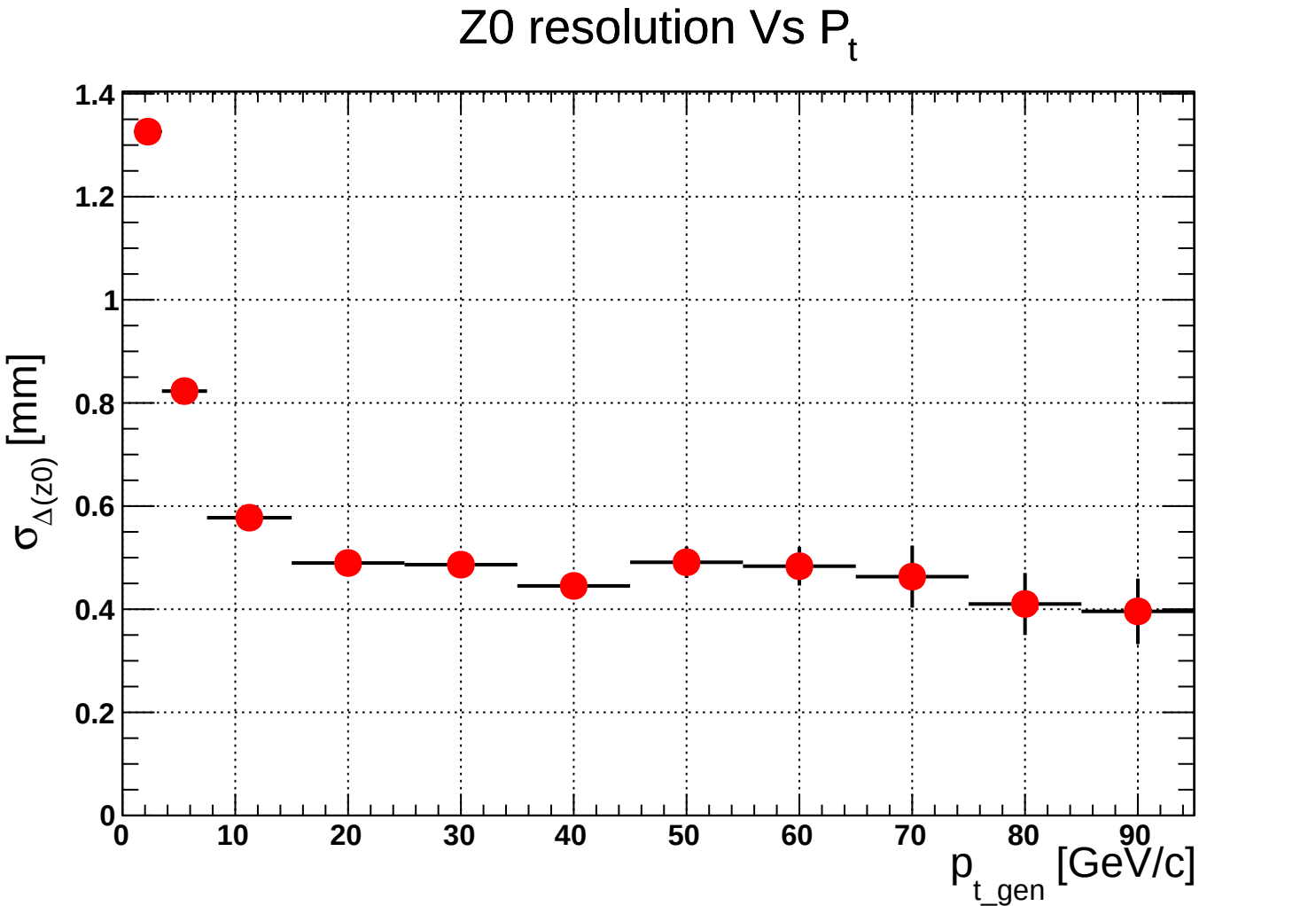

Relative Pt resolution Vs P_t
$\sigma_{\Delta(p_t)/gen_p_t}$
0
0.02
0.04
0.06
0.08
0.1
0
10
20
30
40
50
60
70
80
90
p_{t_gen} [GeV/c]


Inverse Pt resolution Vs P_t
$\sigma_{\Delta(1/p_t)}$ [GeV/c]$^{-1}$
p_{t_gen} [GeV/c]
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
0
10
20
30
40
50
60
70
80
90


Phi resolution Vs P_t
σ_Δ(φ) [rad]
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
0
10
20
30
40
50
60
70
80
90
p_t_gen [GeV/c]


Theta resolution Vs P_t
$\sigma_{\Delta(\theta)}$ [rad]
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
0
10
20
30
40
50
60
70
80
90
p_{t_gen} [GeV/c]


Eta resolution Vs P_t
σ_Δ(η)
0.0022
0.002
0.0018
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
0
10
20
30
40
50
60
70
80
90
p_t_gen [GeV/c]


Z0 resolution Vs P_t
σ_Δ(z0) [mm]
p_t_gen [GeV/c]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
10
20
30
40
50
60
70
80
90