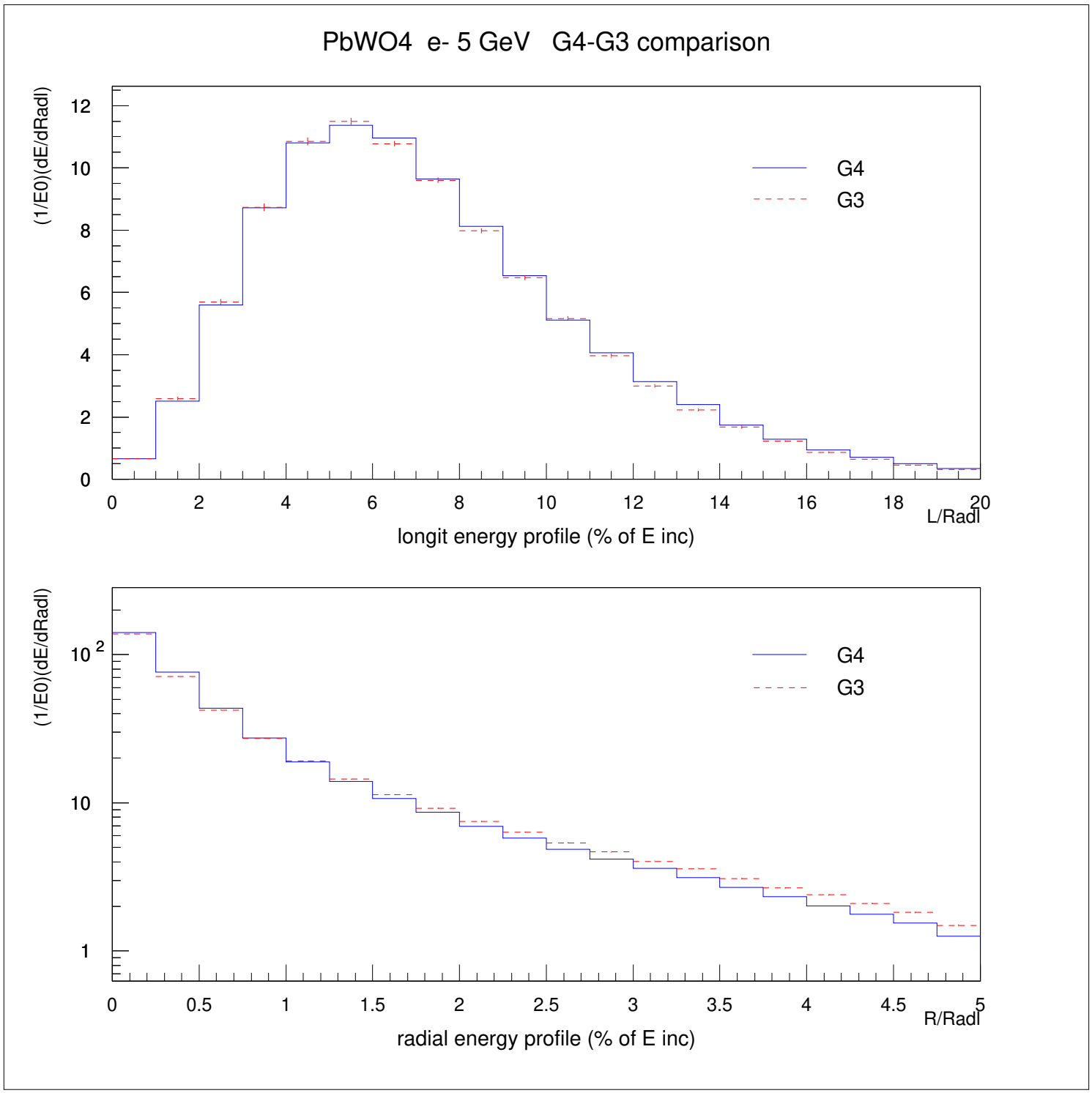
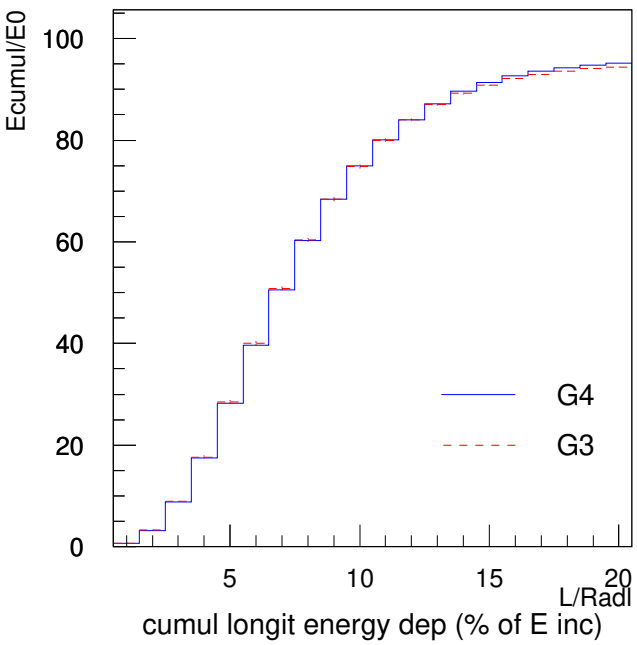
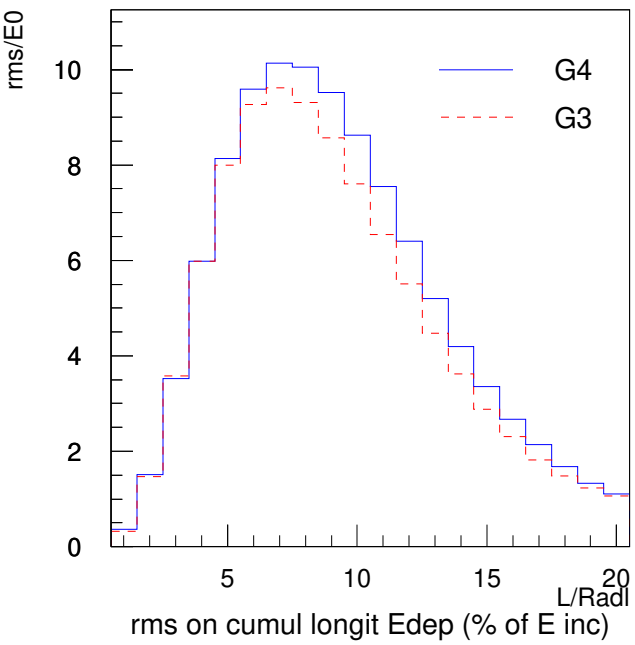

PbWO4 e- 5 GeV G4-G3 comparison
(1/E0)(dE/dRadl)
G4
G3
L/Radl
longit energy profile (% of E inc)
(1/E0)(dE/dRadl)
G4
G3
R/Radl
radial energy profile (% of E inc)

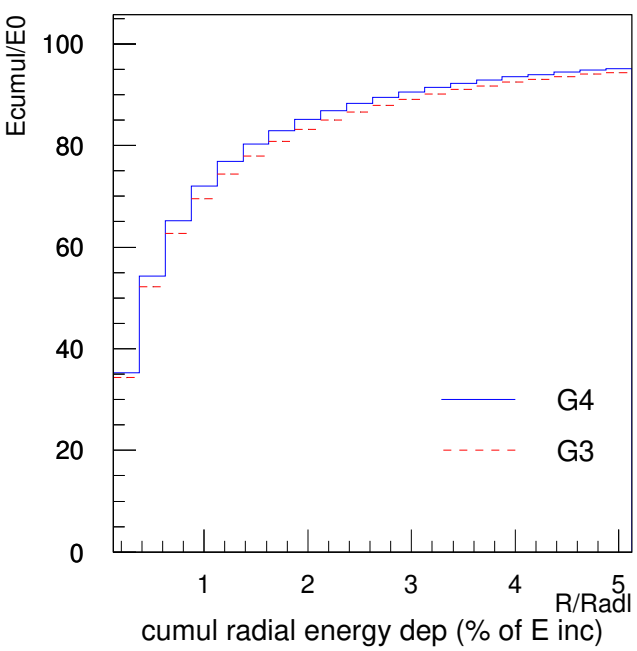
PbWO4 e- 5 GeV G4-G3 comparison



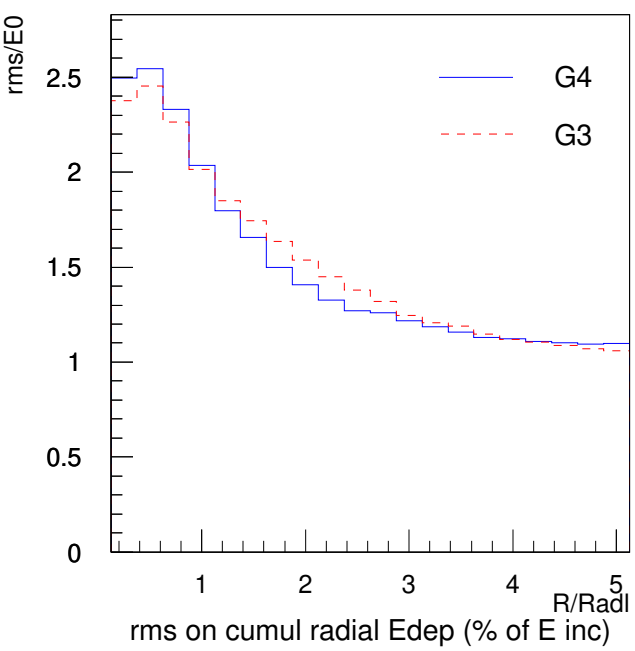
cumul longit energy dep (% of E inc)



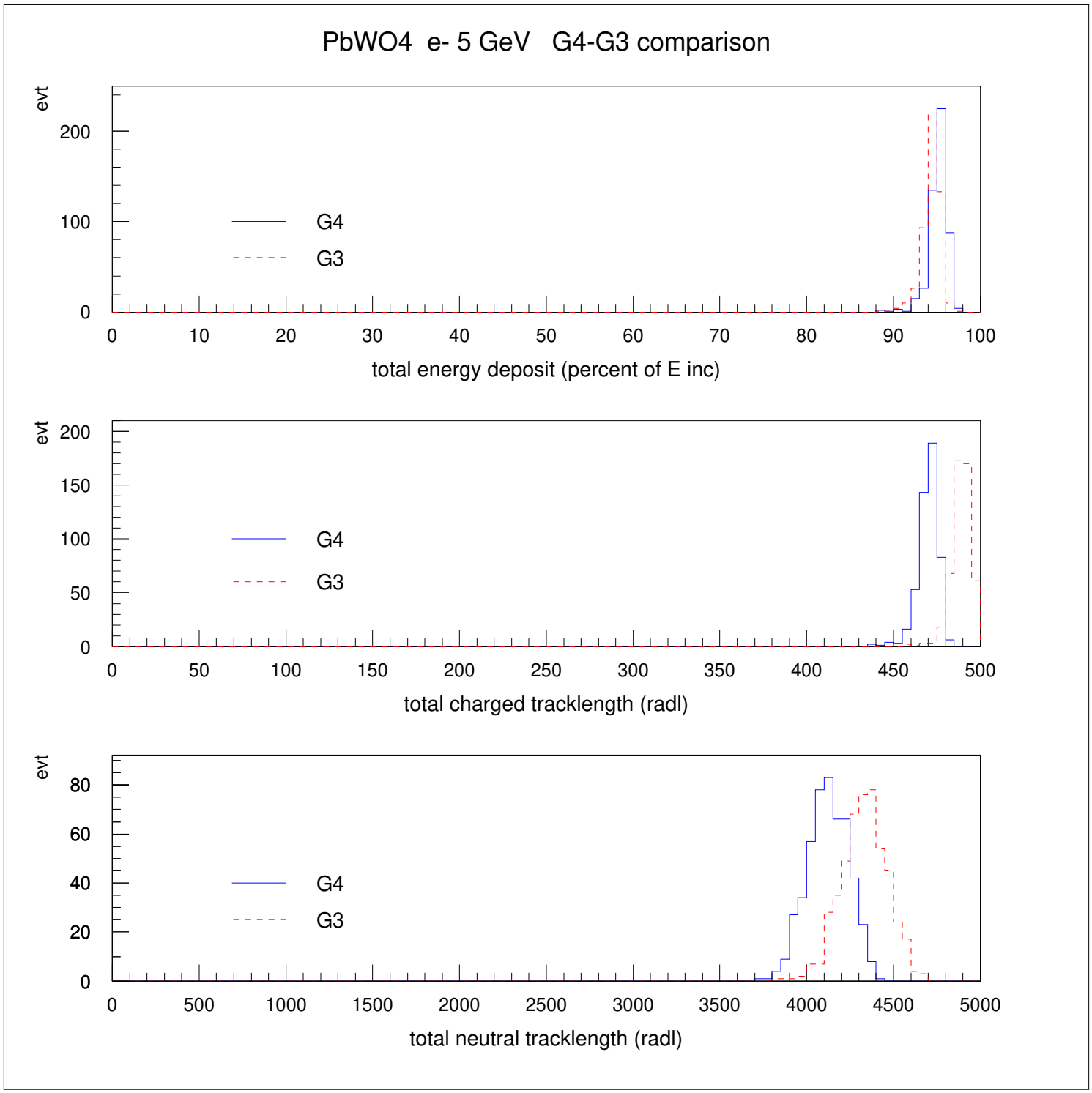
rms on cumul longit Edep (% of E inc)



cumul radial energy dep (% of E inc)



rms on cumul radial Edep (% of E inc)


PbWO4 e- 5 GeV G4-G3 comparison
evt
200
100
0
G4
G3
0
10
20
30
40
50
60
70
80
90
100
total energy deposit (percent of E inc)
evt
200
150
100
50
0
G4
G3
0
50
100
150
200
250
300
350
400
450
500
total charged tracklength (radl)
evt
80
60
40
20
0
G4
G3
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
total neutral tracklength (radl)