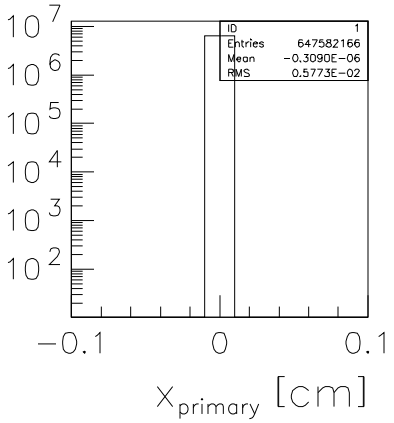
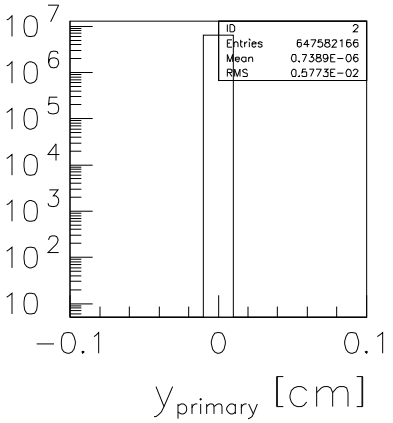
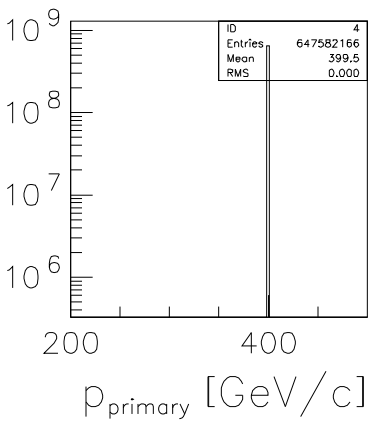
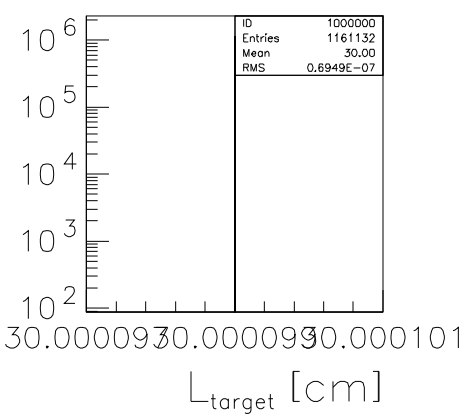
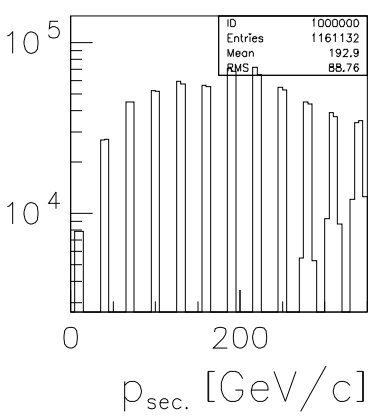
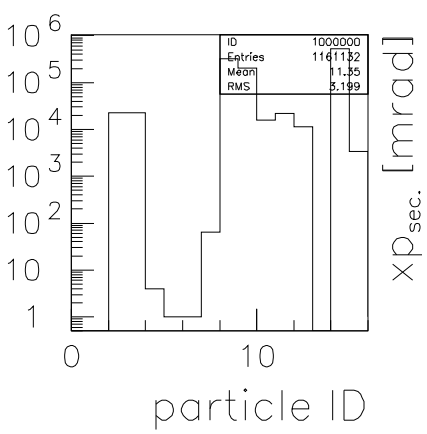

ID 1
Entries 647582166
Mean −0.3090E−06
RMS 0.5773E−02
$x_{primary}$ [cm]

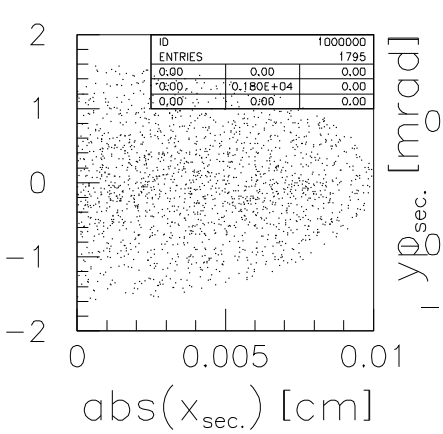

ID 2
Entries 647582166
Mean 0.7389E−06
RMS 0.5773E−02
$y_{primary}$ [cm]

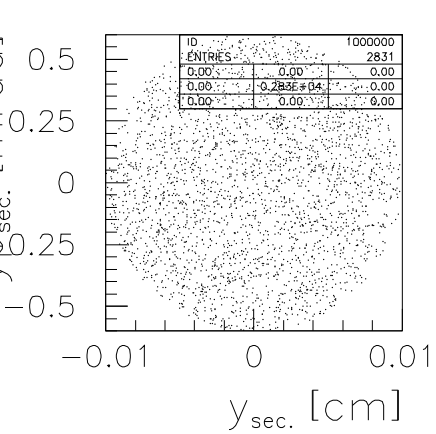

ID 4
Entries 647582166
Mean 399.5
RMS 0.000
$p_{primary}$ [GeV/c]

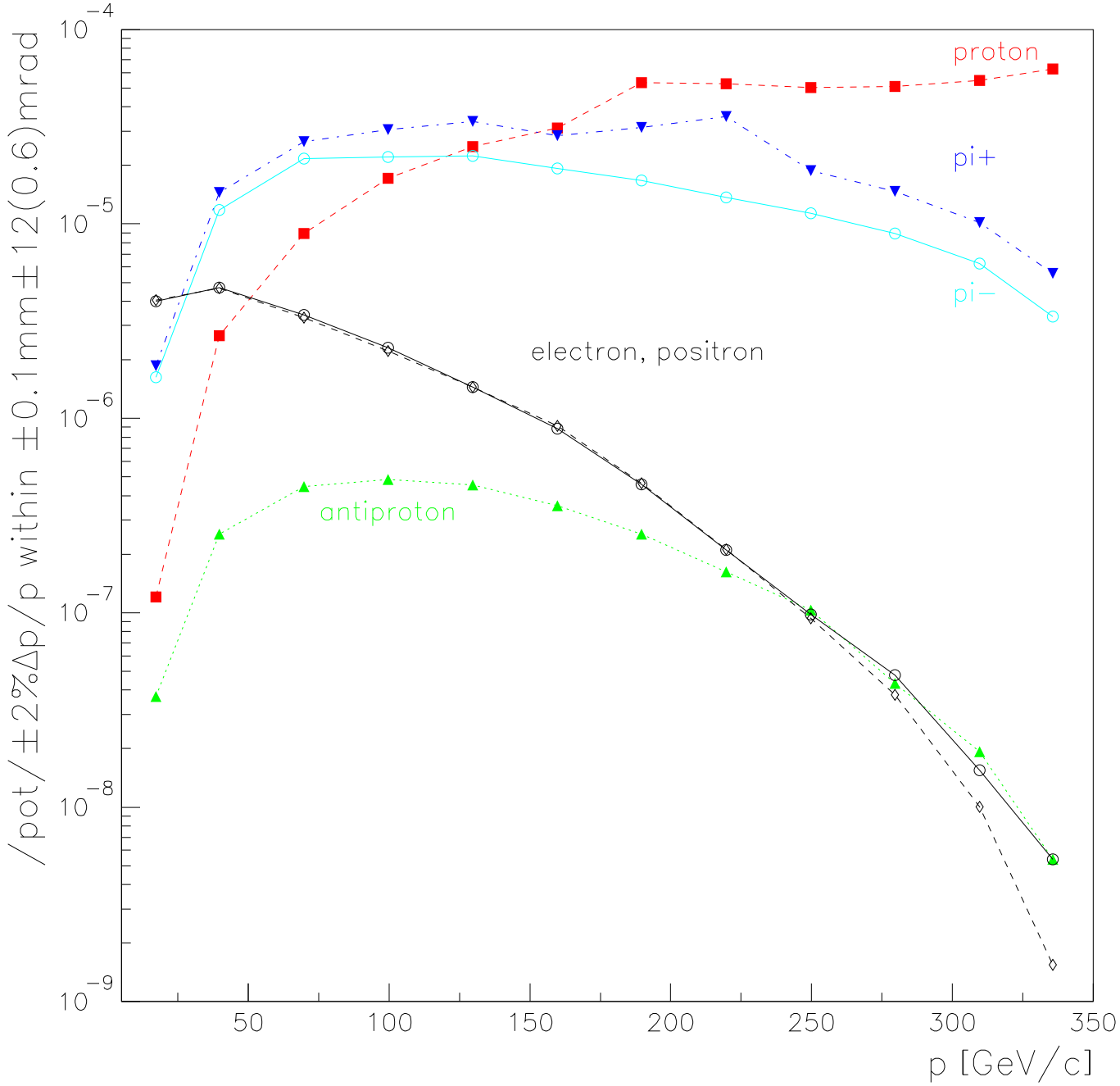

ID 1000000
Entries 1161132
Mean 30.00
RMS 0.6949E−07
L_{target} [cm]

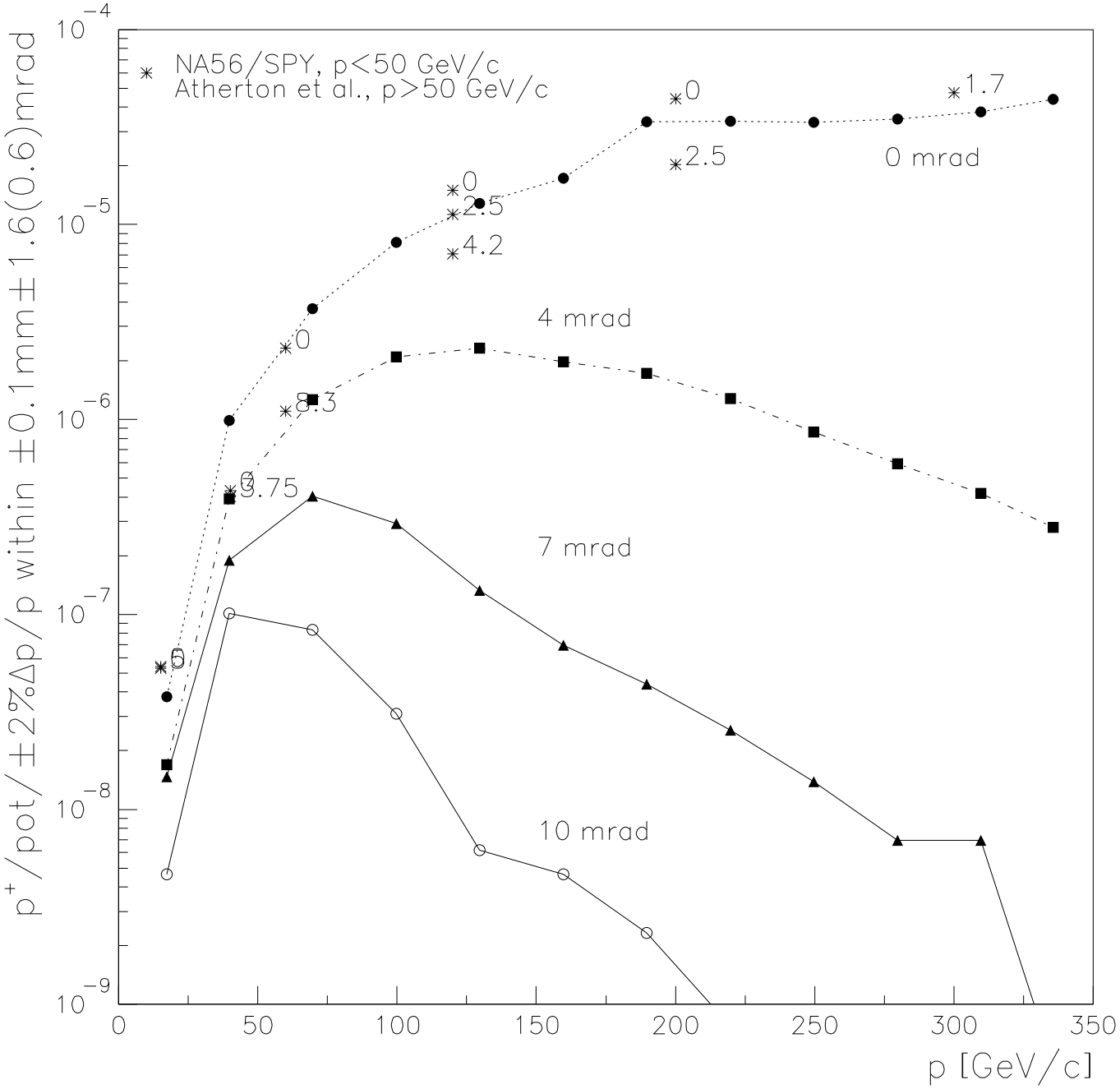

ID 1000000
Entries 1161132
Mean 192.9
RMS 88.76
$p_{sec.}$ [GeV/c]

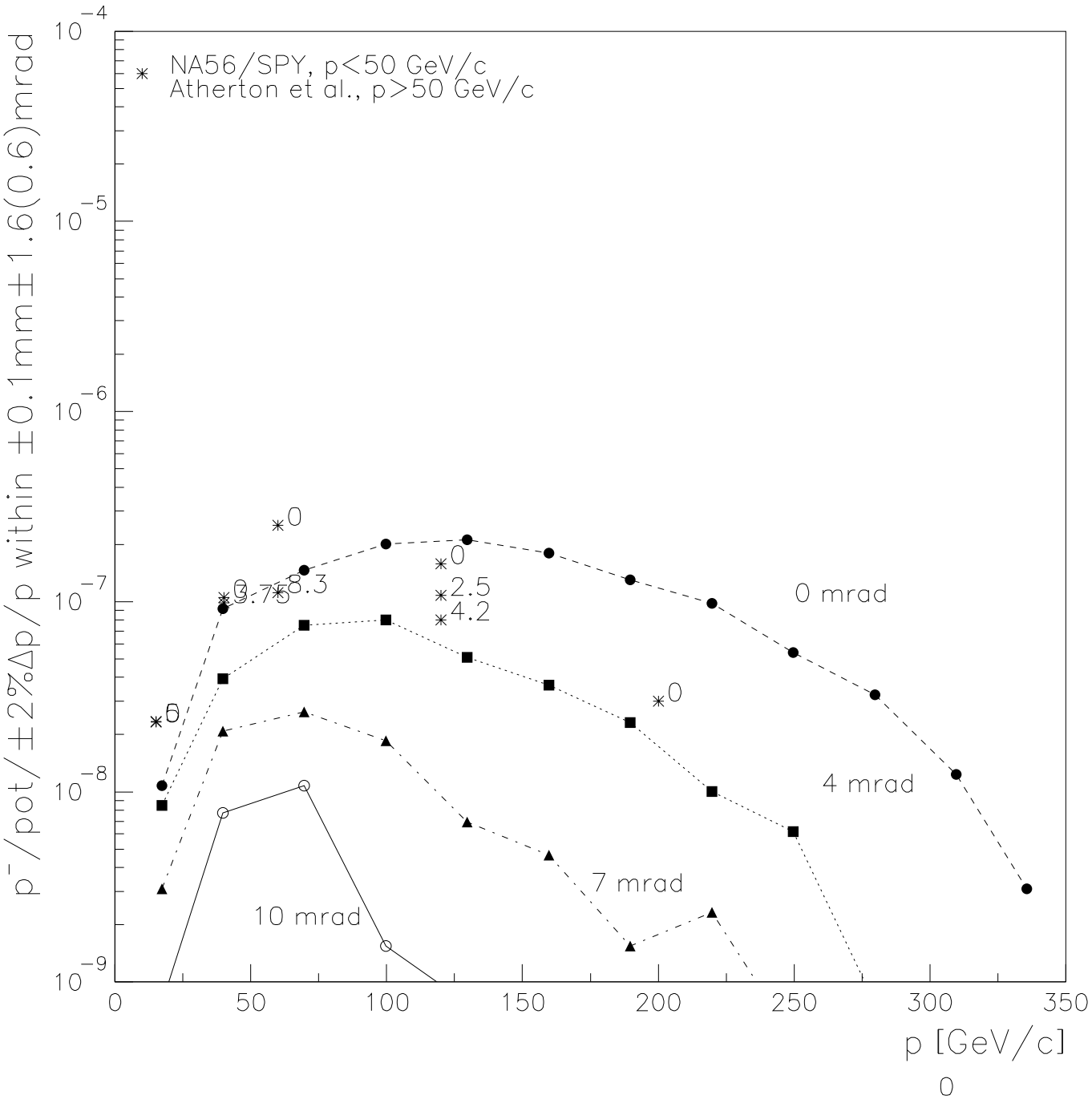

ID 1000000
Entries 1161132
Mean 11.35
RMS 3.199
particle ID

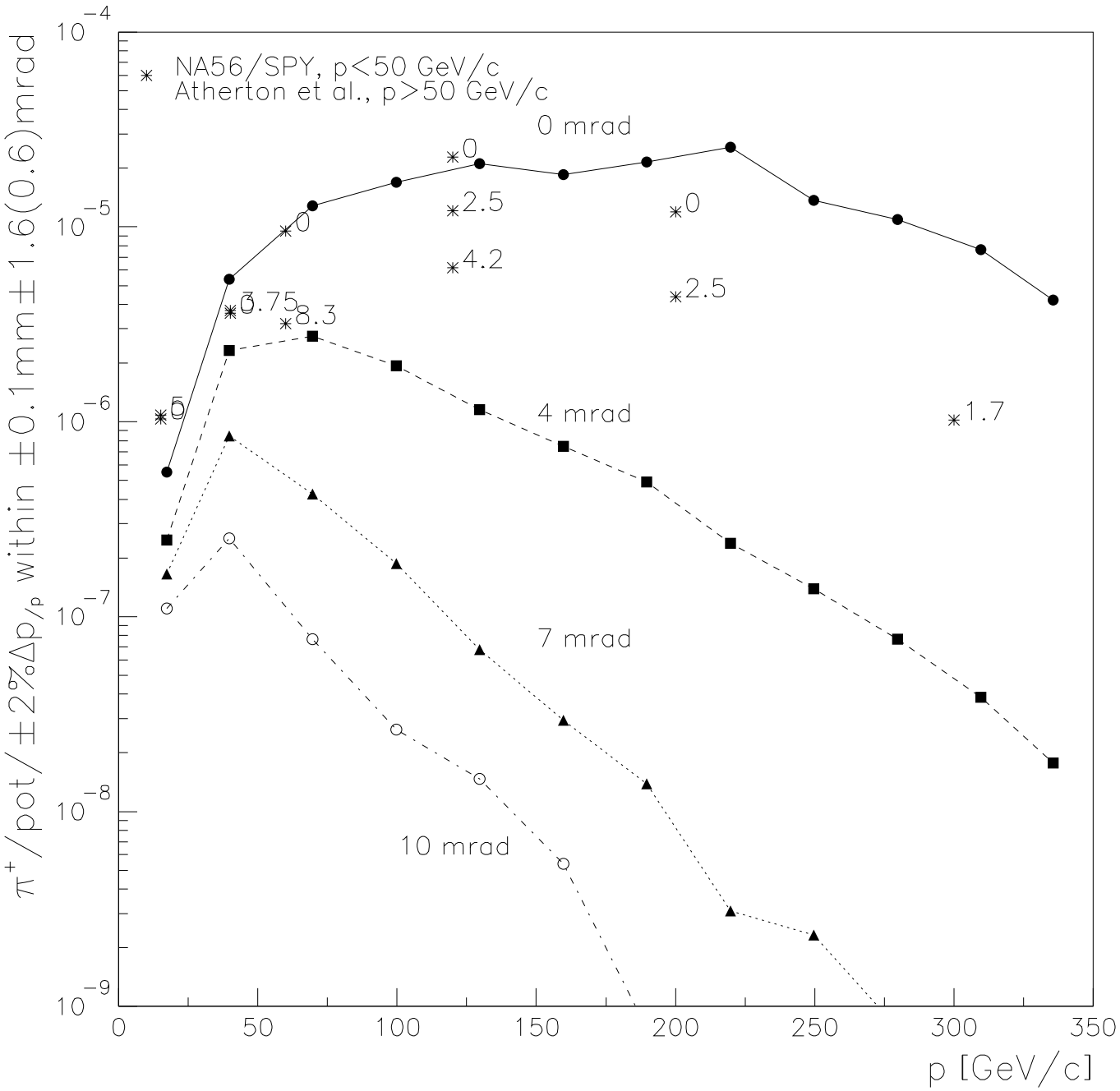

ID 1000000
ENTRIES 1795
$xp_{sec.}$ [mrad]
abs($x_{sec.}$) [cm]

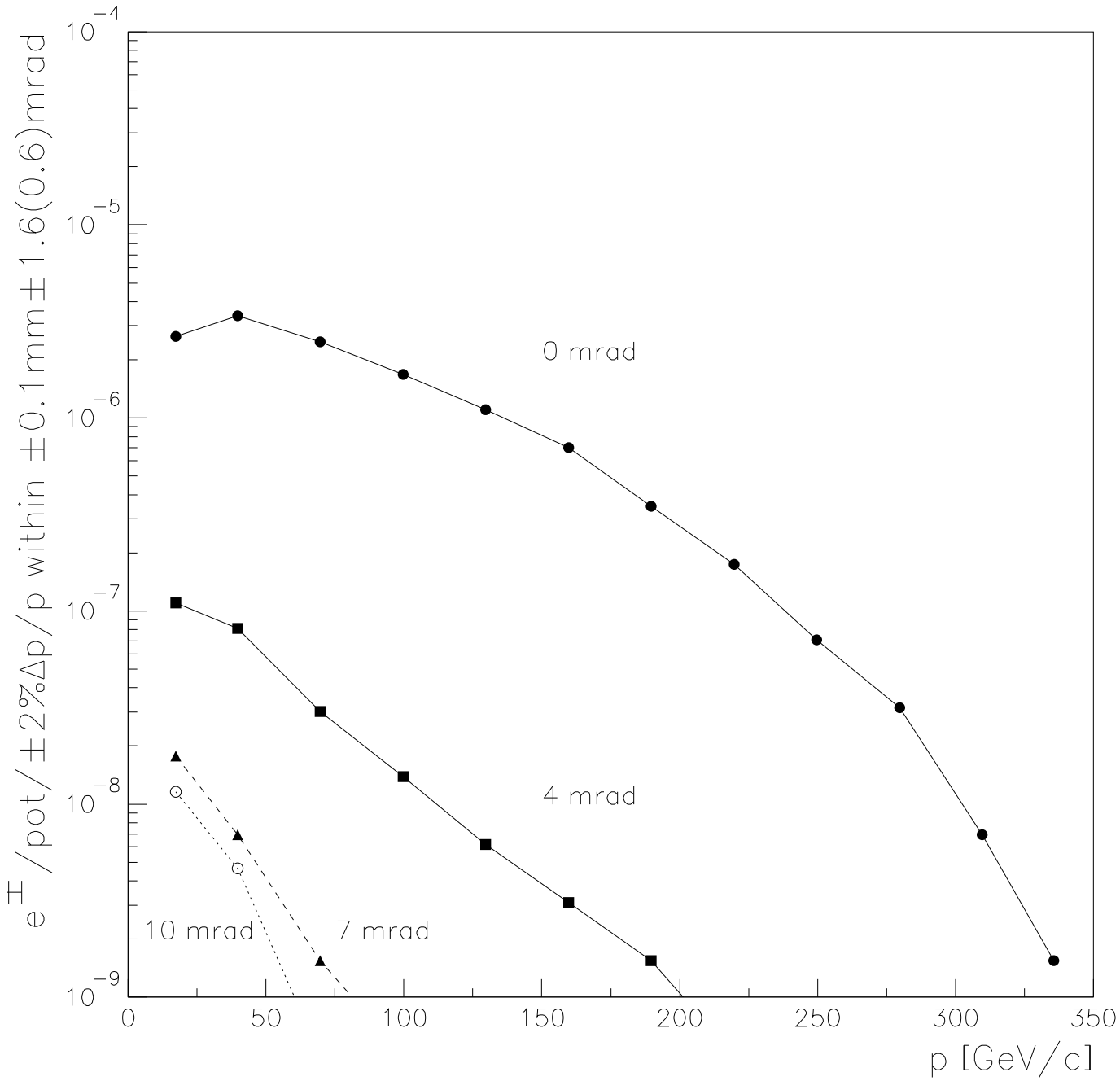

ID 1000000
ENTRIES 2831
$yp_{sec.}$ [mrad]
$y_{sec.}$ [cm]


proton
pi+
pi−
electron, positron
antiproton
/pot/±2%Δp/p within ±0.1mm±12(0.6)mrad
p [GeV/c]
10^-4
10^-5
10^-6
10^-7
10^-8
10^-9
50
100
150
200
250
300
350


NA56/SPY, p<50 GeV/c
Atherton et al., p>50 GeV/c
0 mrad
4 mrad
7 mrad
10 mrad
p [GeV/c]
p+/pot/±2%Δp/p within ±0.1mm±1.6(0.6)mrad


NA56/SPY, p<50 GeV/c
Atherton et al., p>50 GeV/c
p⁻/pot/±2%Δp/p within ±0.1mm±1.6(0.6)mrad
p [GeV/c]
0 mrad
4 mrad
7 mrad
10 mrad


NA56/SPY, p<50 GeV/c
Atherton et al., p>50 GeV/c
0 mrad
4 mrad
7 mrad
10 mrad
0
2.5
4.2
0
2.5
0
3.75
8.3
5
0
1.7
π^+/pot/$\pm$2%$\Delta p_{/p}$ within $\pm$0.1mm$\pm$1.6(0.6)mrad
p [GeV/c]
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-8}
10^{-9}
0
50
100
150
200
250
300
350


$e^{\mp}$/pot/$\pm$2%Δp/p within $\pm$0.1mm$\pm$1.6(0.6)mrad
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-8}
10^{-9}
0 mrad
4 mrad
7 mrad
10 mrad
0
50
100
150
200
250
300
350
p [GeV/c]