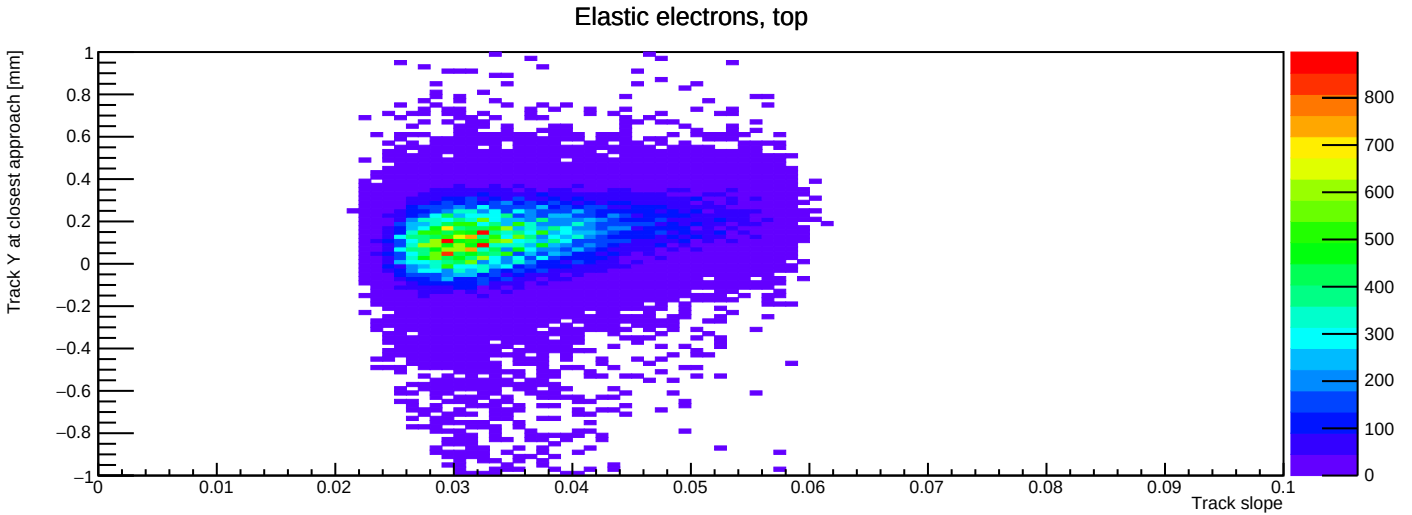
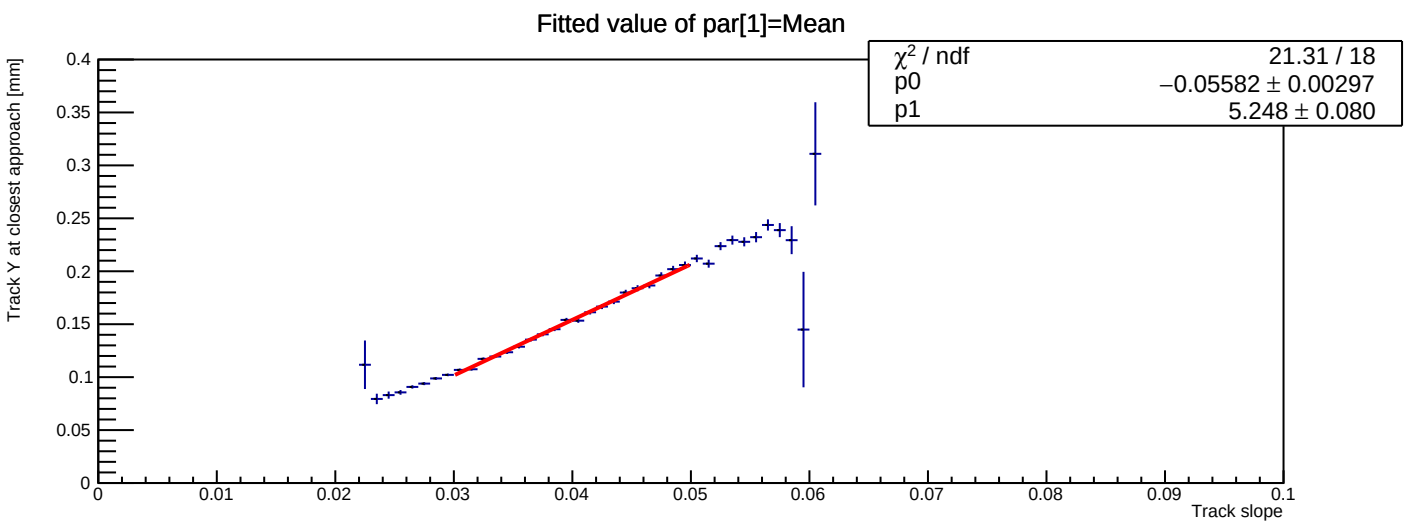
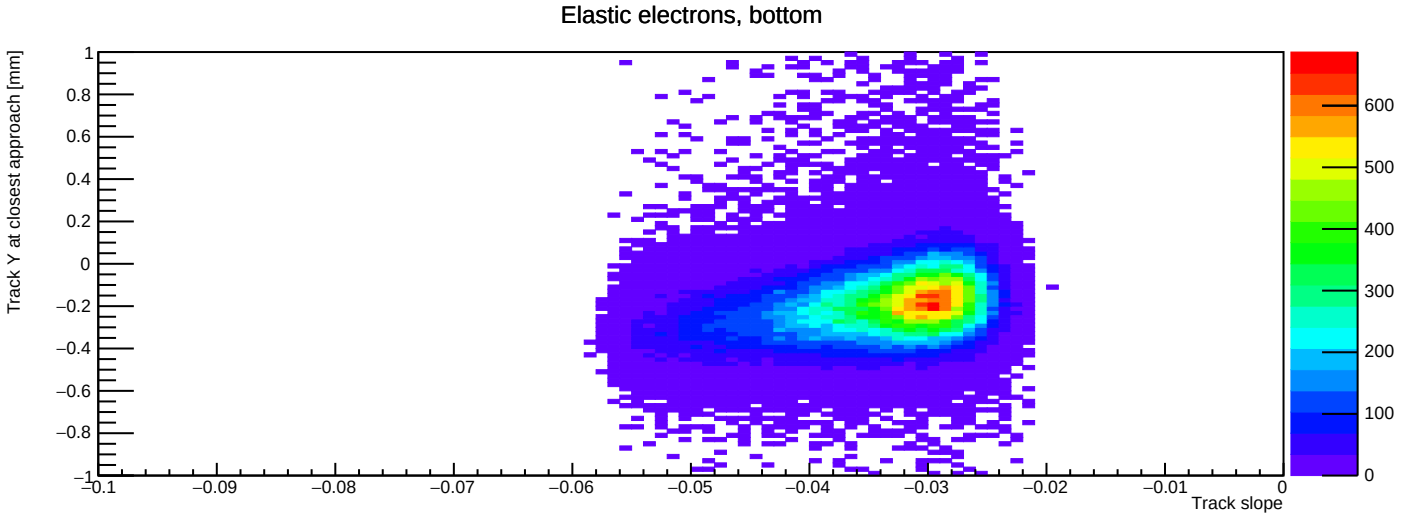
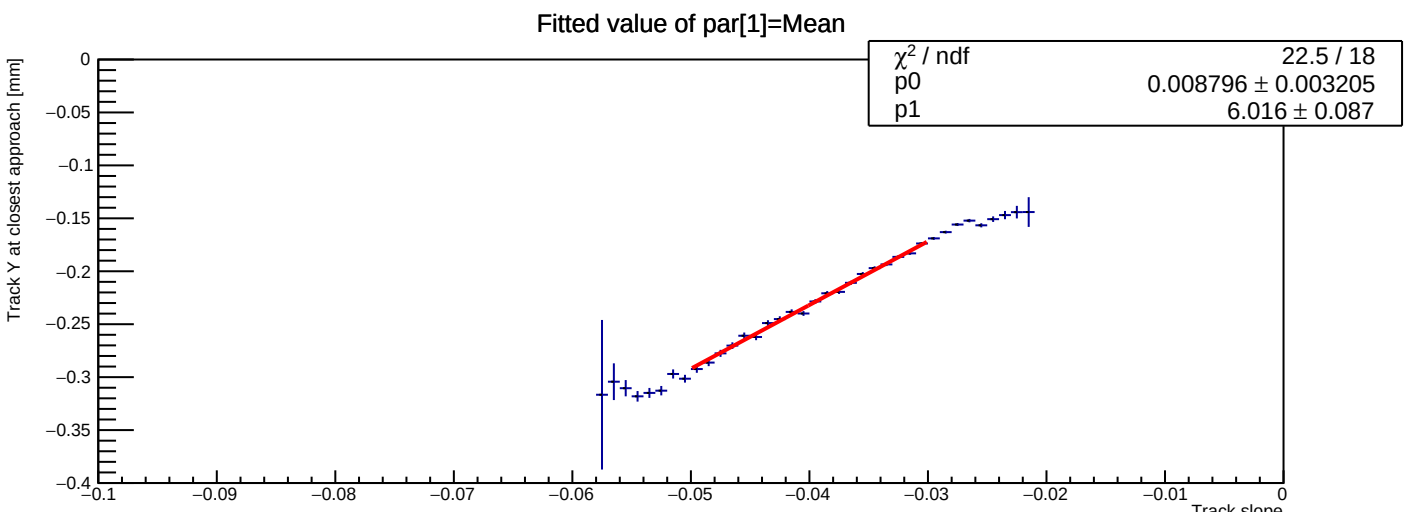
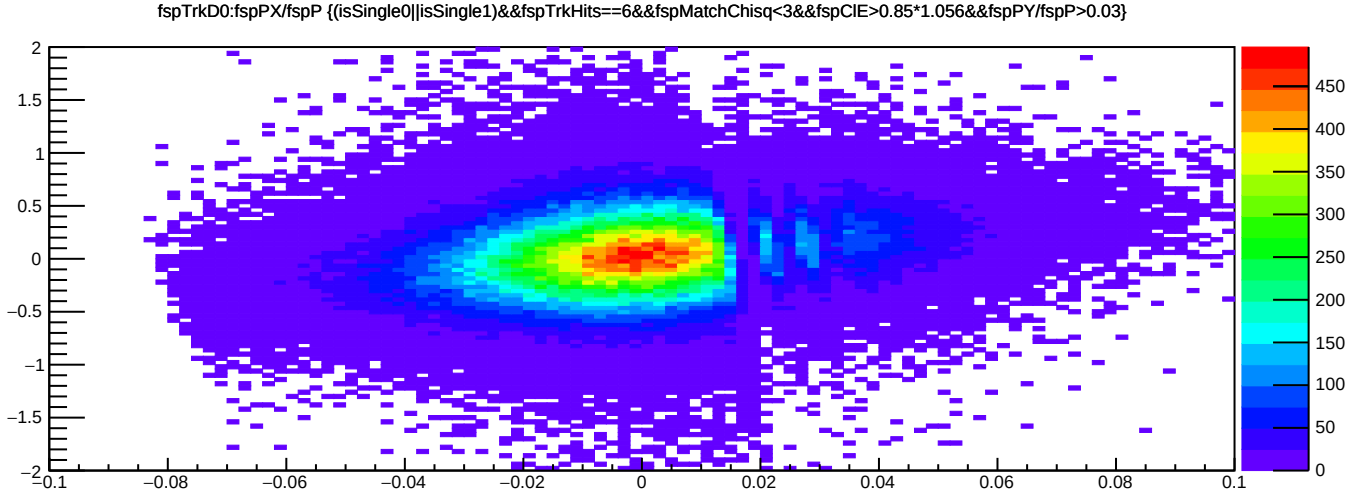
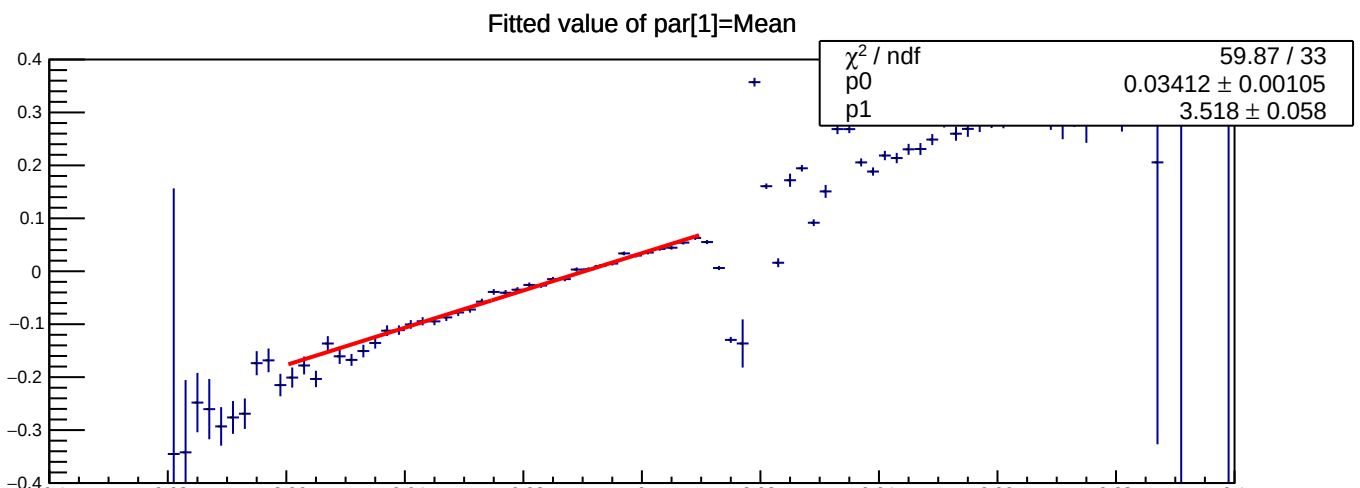

Elastic electrons, top
Track Y at closest approach [mm]
Track slope
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
800
700
600
500
400
300
200
100
0

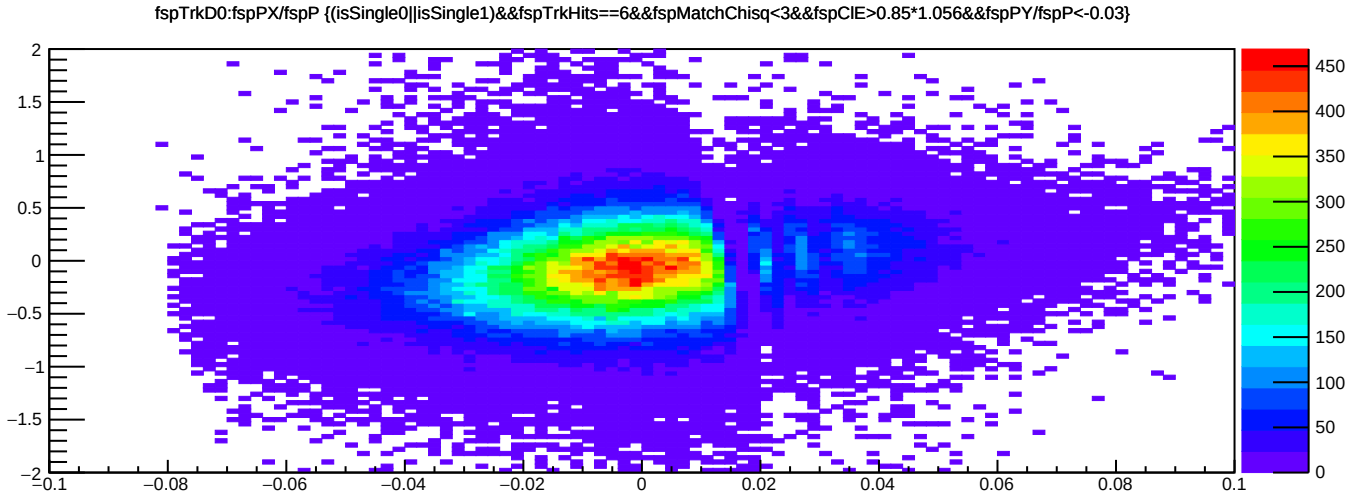

Fitted value of par[1]=Mean
Track Y at closest approach [mm]
Track slope
χ² / ndf 21.31 / 18
p0 −0.05582 ± 0.00297
p1 5.248 ± 0.080
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1

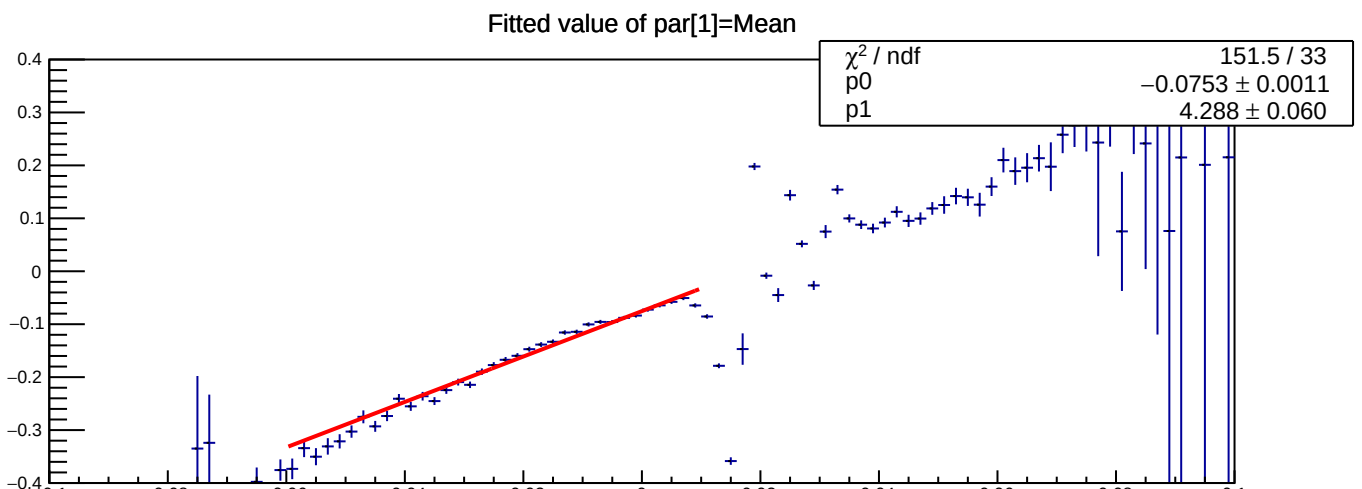

Elastic electrons, bottom
Track Y at closest approach [mm]
Track slope
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−0.1
−0.09
−0.08
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0
600
500
400
300
200
100
0

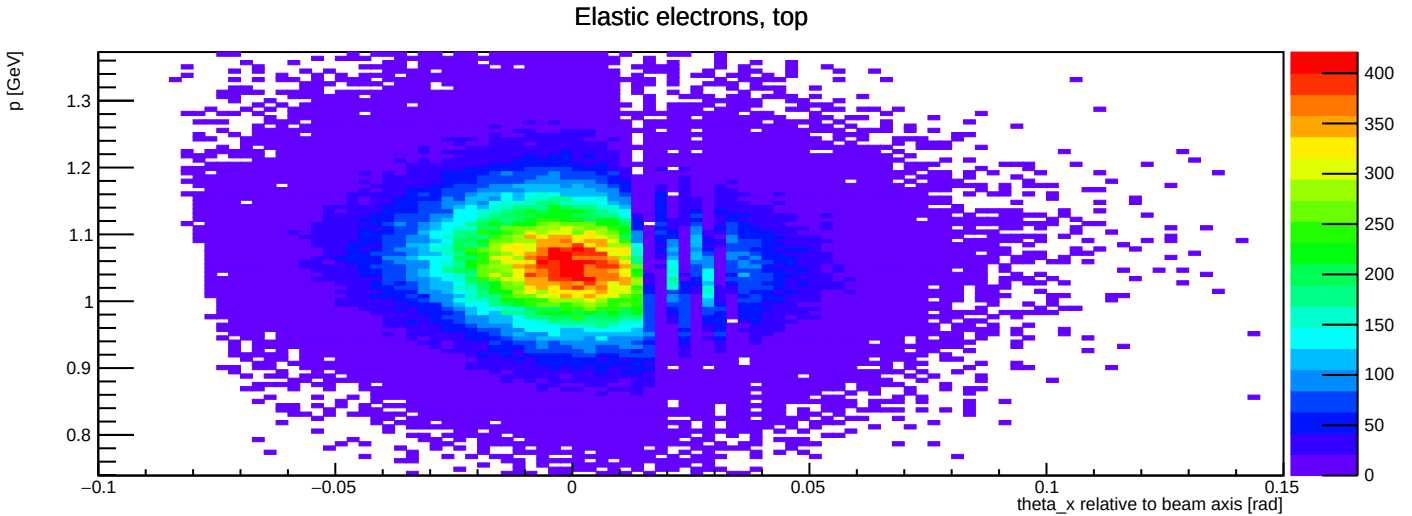

Fitted value of par[1]=Mean
χ² / ndf 22.5 / 18
p0 0.008796 ± 0.003205
p1 6.016 ± 0.087
Track Y at closest approach [mm]
Track slope
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
−0.35
−0.4
−0.1
−0.09
−0.08
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0

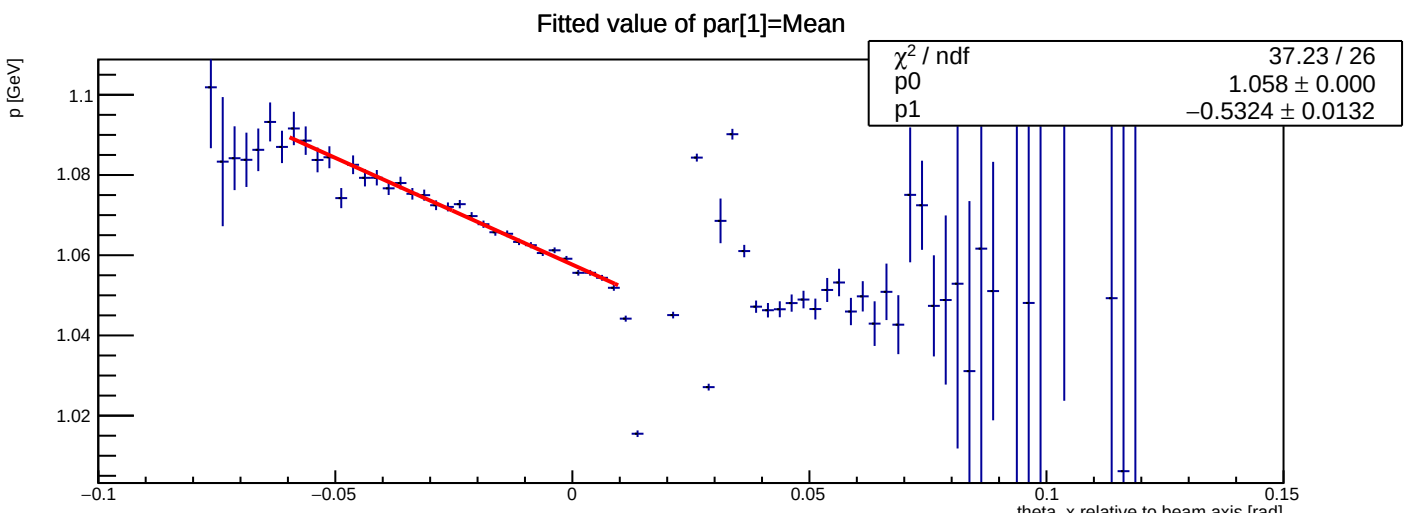

fspTrkD0:fspPX/fspP {(isSingle0||isSingle1)&&fspTrkHits==6&&fspMatchChisq<3&&fspClE>0.85*1.056&&fspPY/fspP>0.03}
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
450
400
350
300
250
200
150
100
50
0


Fitted value of par[1]=Mean
χ² / ndf 59.87 / 33
p0 0.03412 ± 0.00105
p1 3.518 ± 0.058
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1

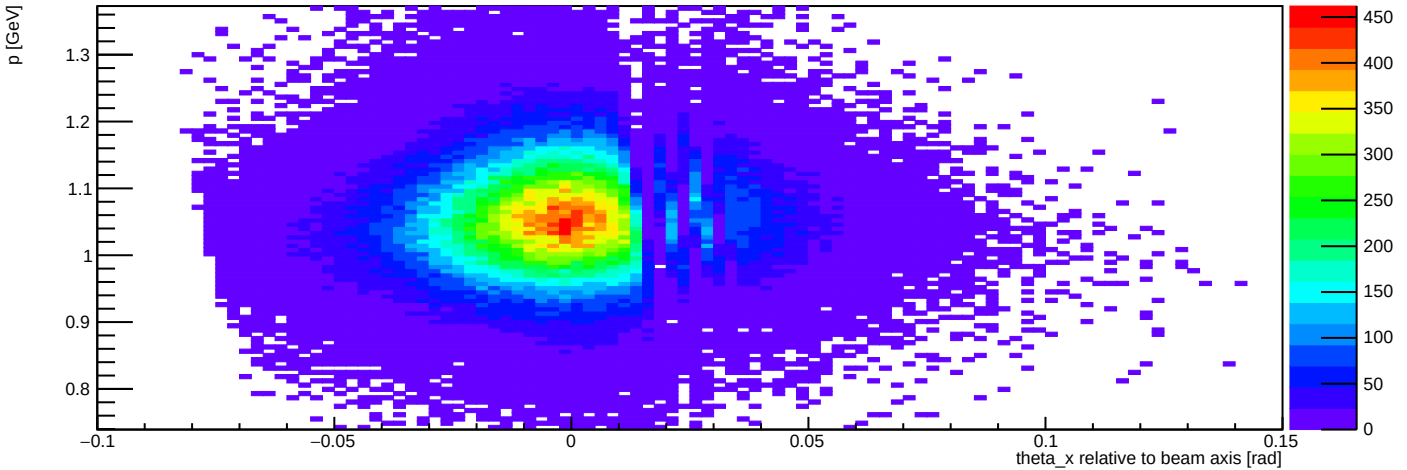

fspTrkD0:fspPX/fspP {(isSingle0||isSingle1)&&fspTrkHits==6&&fspMatchChisq<3&&fspCIE>0.85*1.056&&fspPY/fspP<-0.03}
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
450
400
350
300
250
200
150
100
50
0


Fitted value of par[1]=Mean
χ² / ndf 151.5 / 33
p0 −0.0753 ± 0.0011
p1 4.288 ± 0.060
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1

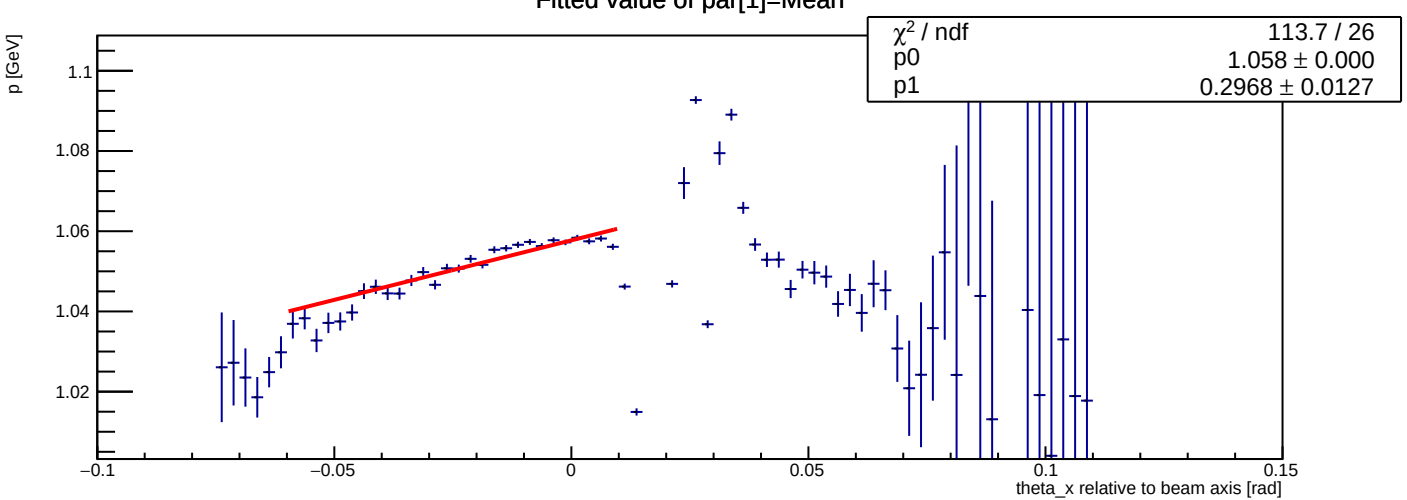

Elastic electrons, top
p [GeV]
1.3
1.2
1.1
1
0.9
0.8
−0.1
−0.05
0
0.05
0.1
0.15
theta_x relative to beam axis [rad]
400
350
300
250
200
150
100
50
0

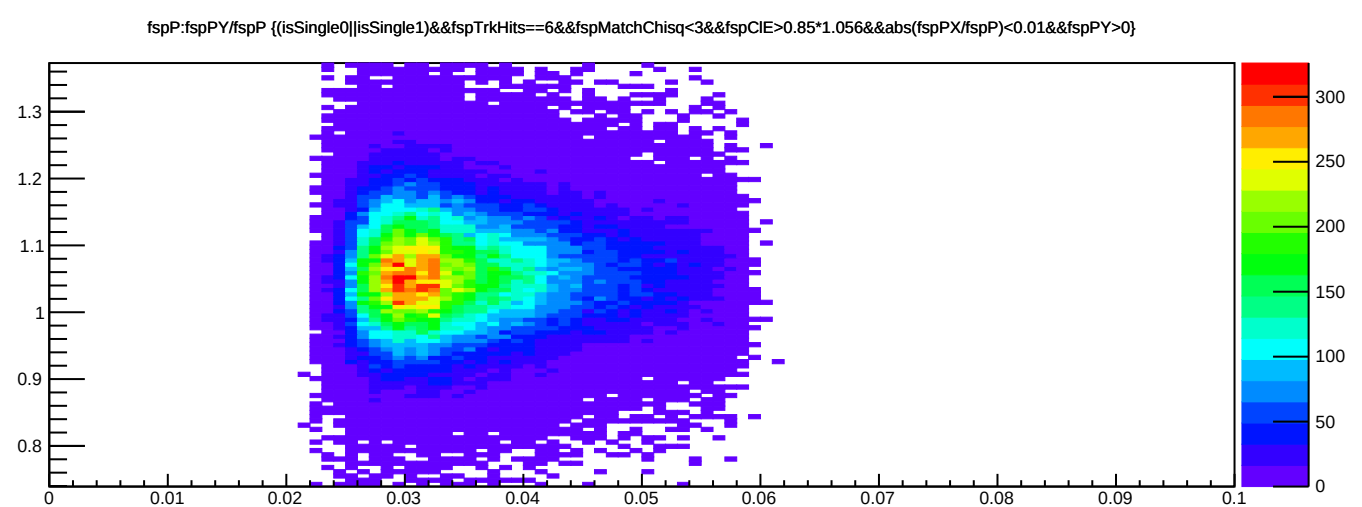

Fitted value of par[1]=Mean
p [GeV]
1.1
1.08
1.06
1.04
1.02
−0.1
−0.05
0
0.05
0.1
0.15
theta_x relative to beam axis [rad]
χ² / ndf 37.23 / 26
p0 1.058 ± 0.000
p1 −0.5324 ± 0.0132

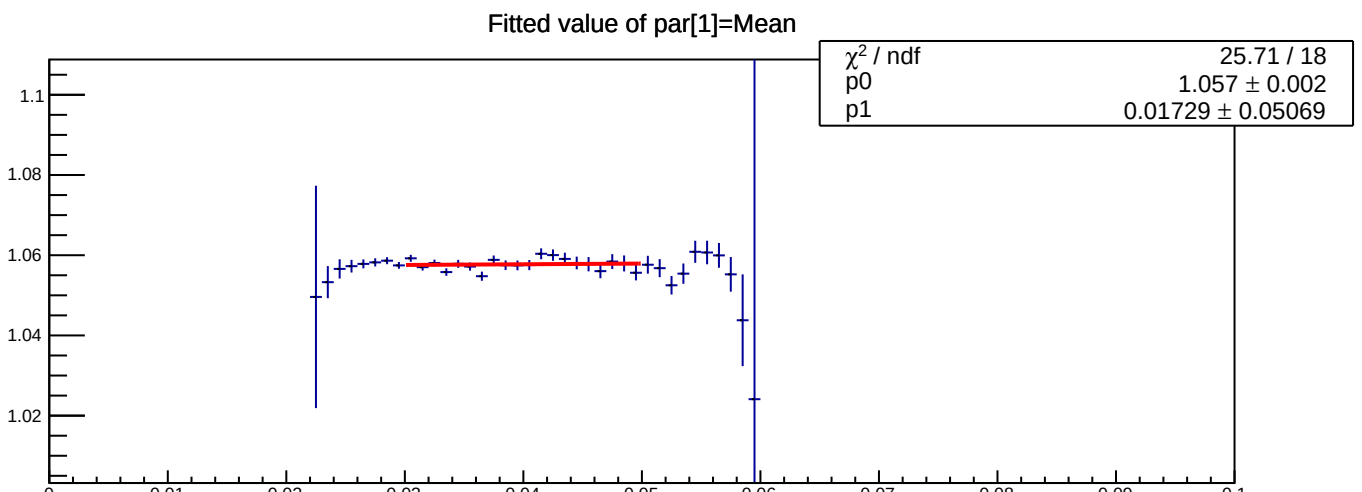
Elastic electrons, bottom

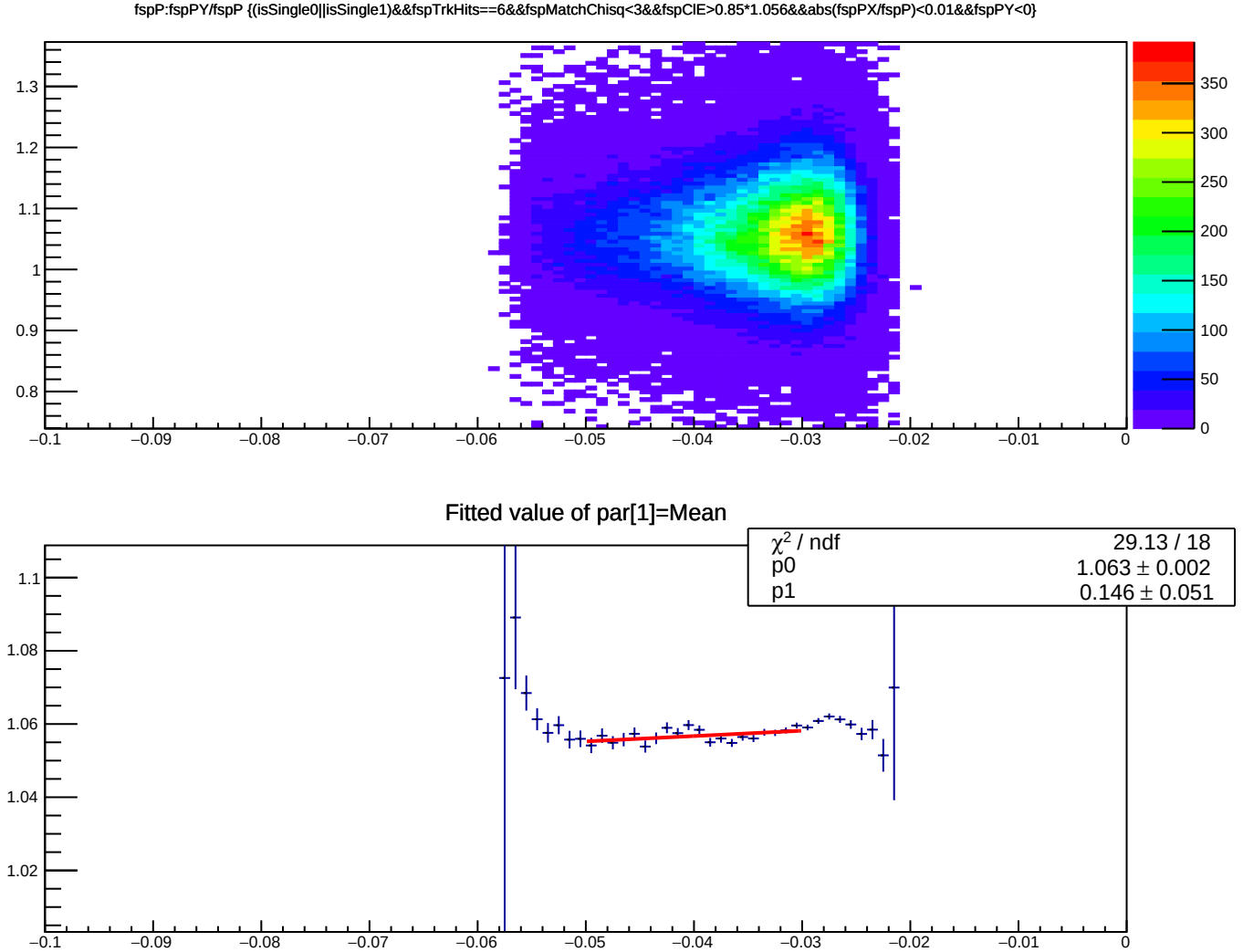


Fitted value of par[1]=Mean




fspP:fspPY/fspP {(isSingle0||isSingle1)&&fspTrkHits==6&&fspMatchChisq<3&&fspClE>0.85*1.056&&abs(fspPX/fspP)<0.01&&fspPY>0}
1.3
1.2
1.1
1
0.9
0.8
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
300
250
200
150
100
50
0


Fitted value of par[1]=Mean
χ² / ndf 25.71 / 18
p0 1.057 ± 0.002
p1 0.01729 ± 0.05069
1.1
1.08
1.06
1.04
1.02
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1


fspP:fspPY/fspP {(isSingle0||isSingle1)&&fspTrkHits==6&&fspMatchChisq<3&&fspClE>0.85*1.056&&abs(fspPX/fspP)<0.01&&fspPY<0}
1.3
1.2
1.1
1
0.9
0.8
−0.1
−0.09
−0.08
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0
350
300
250
200
150
100
50
0
Fitted value of par[1]=Mean
χ² / ndf 29.13 / 18
p0 1.063 ± 0.002
p1 0.146 ± 0.051
1.1
1.08
1.06
1.04
1.02