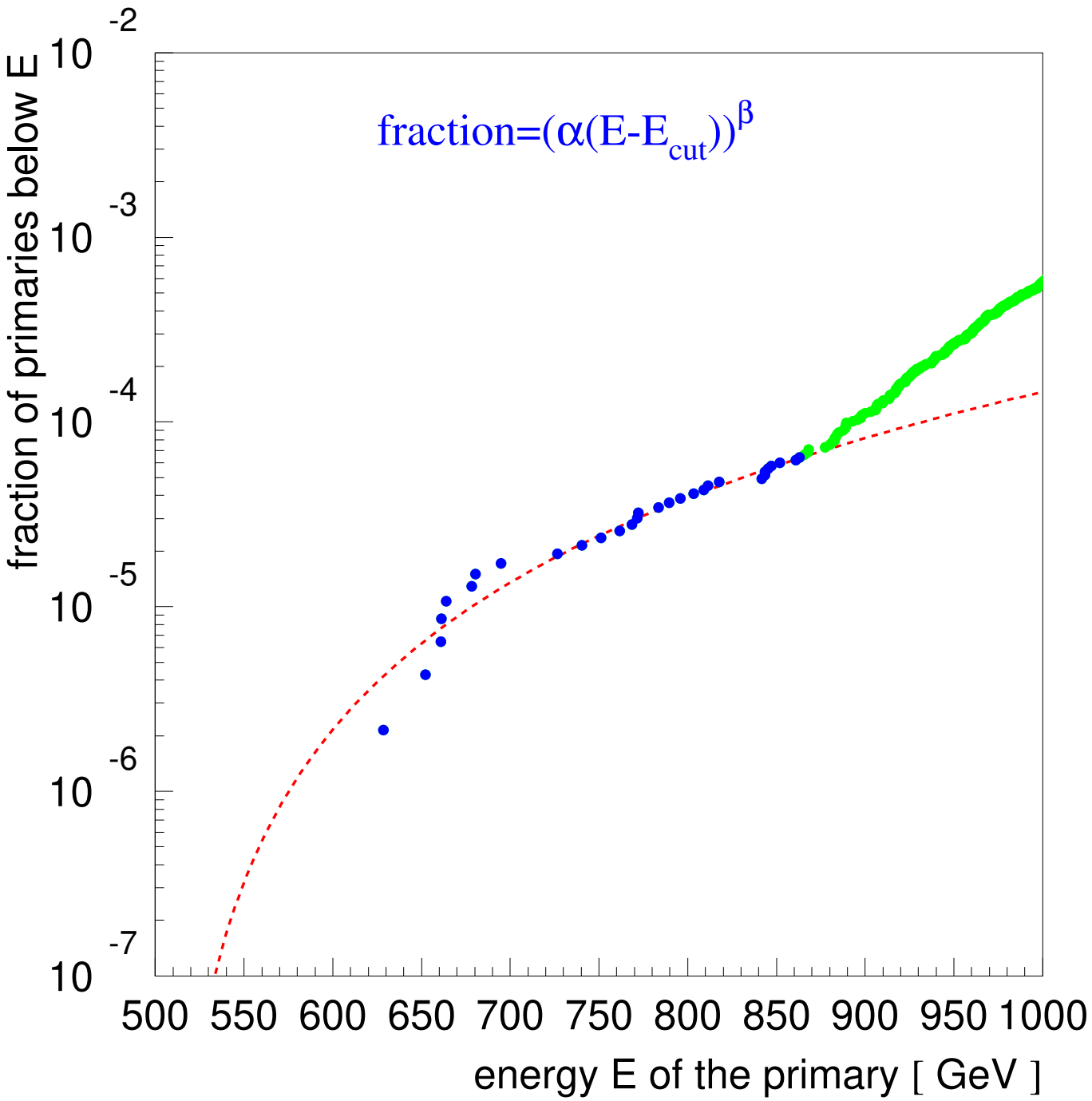
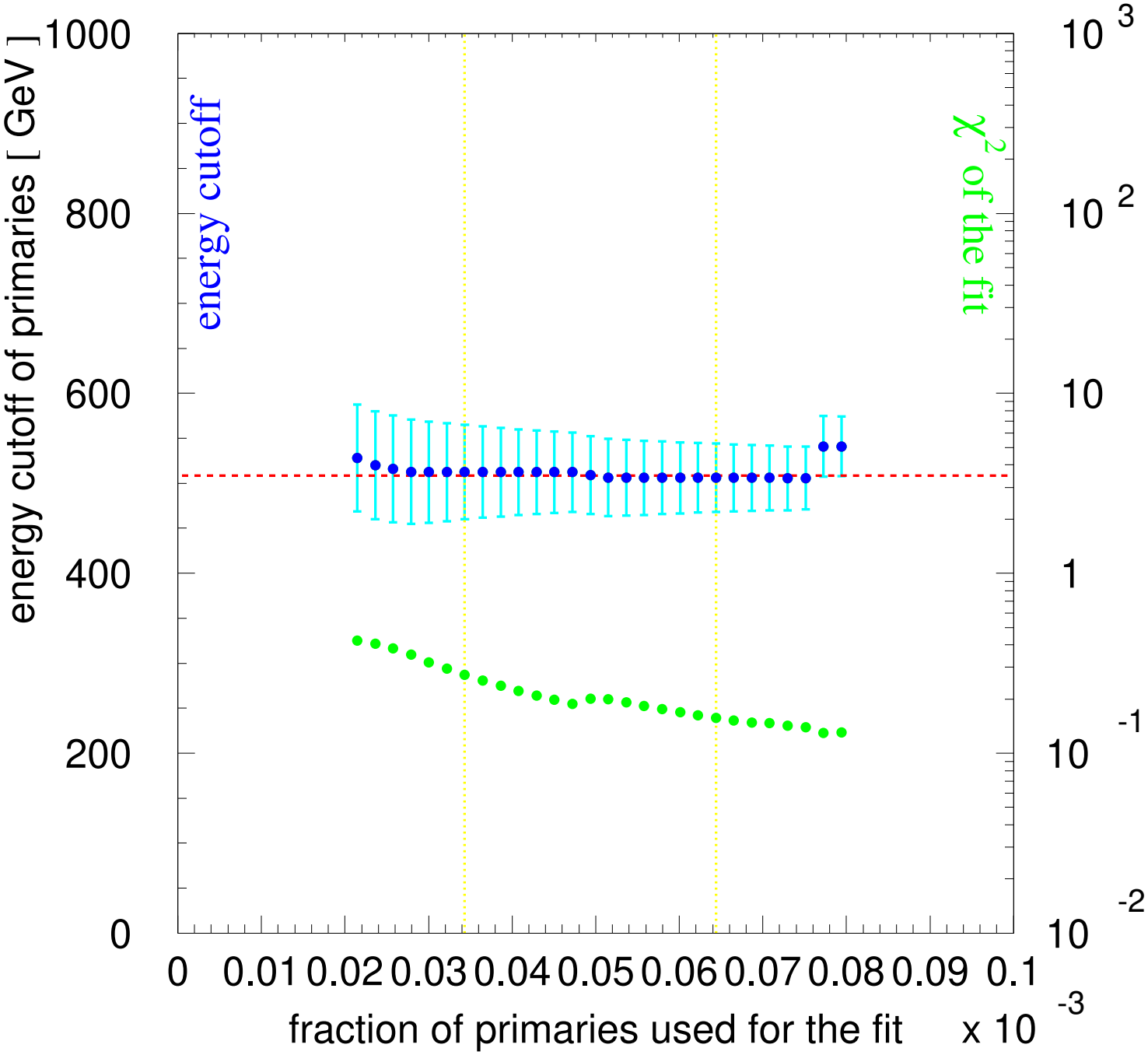
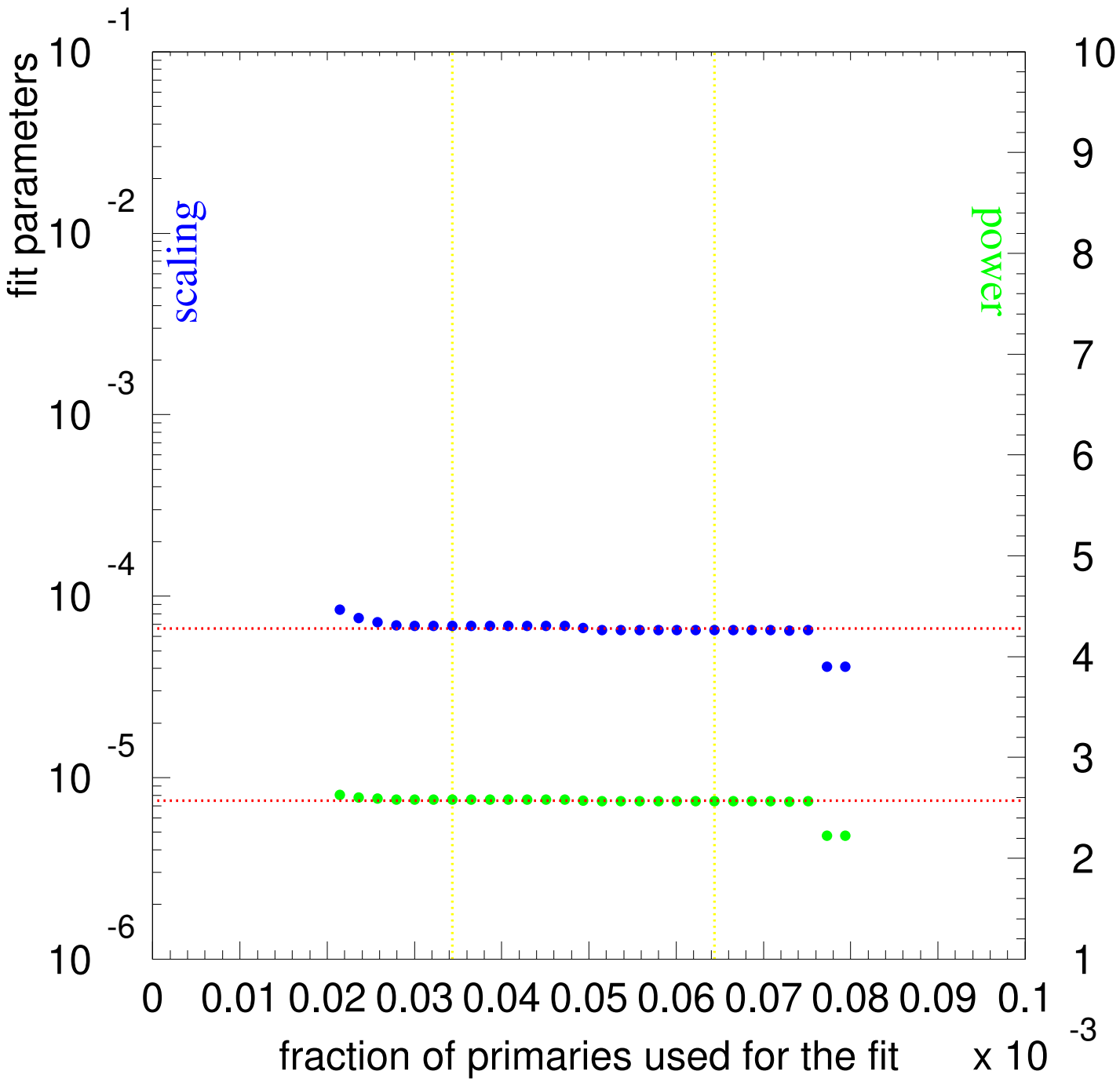
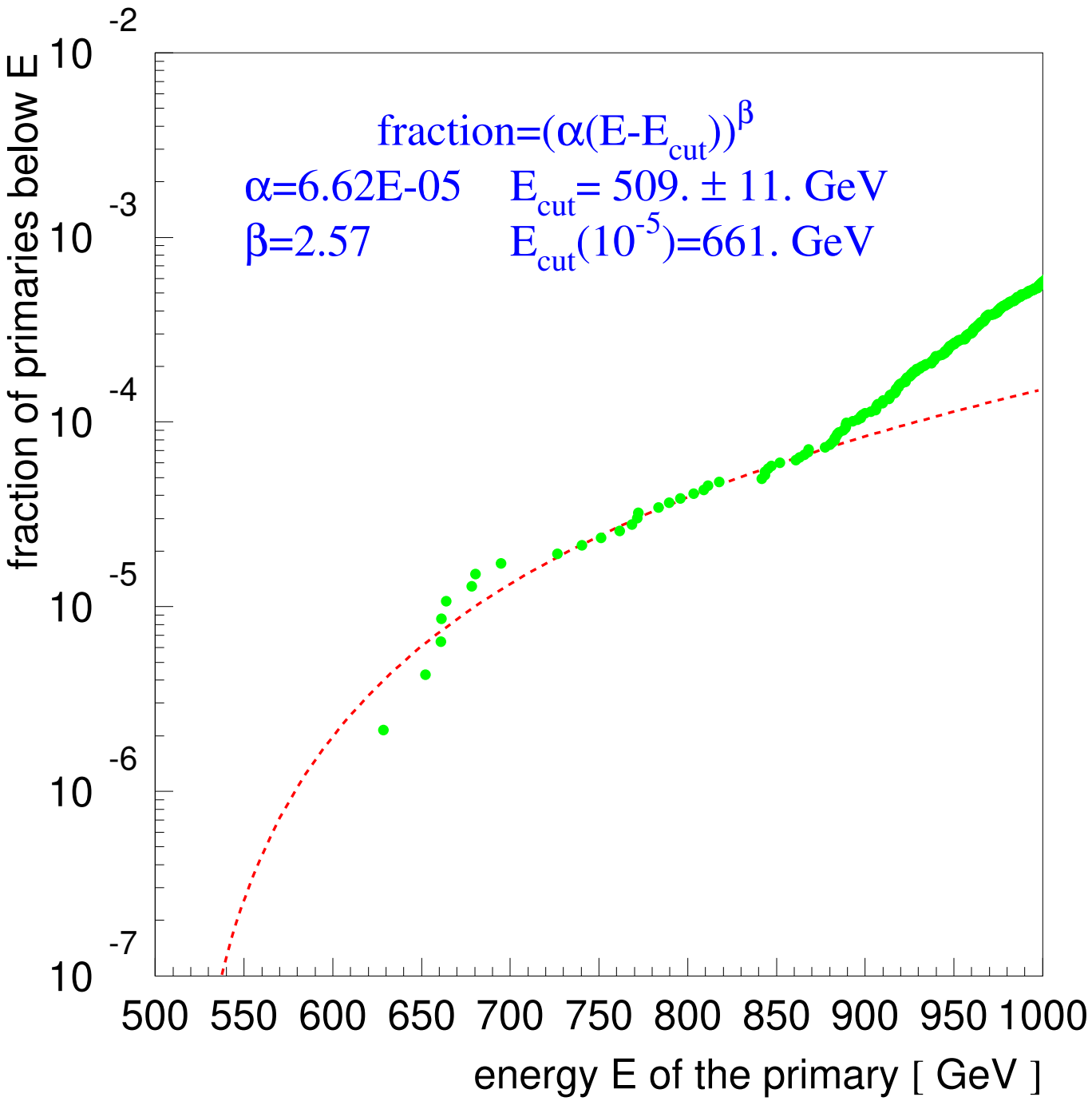

fraction=(α(E-E_cut))^β
fraction of primaries below E
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
500 550 600 650 700 750 800 850 900 950 1000
energy E of the primary [GeV]


energy cutoff of primaries [GeV]
1000
800
600
400
200
0
energy cutoff
χ^2 of the fit
10^3
10^2
10
1
10^{-1}
10^{-2}
10^{-3}
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
fraction of primaries used for the fit
x 10


fit parameters
scaling
power
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
10
9
8
7
6
5
4
3
2
1
10^-3
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.1
fraction of primaries used for the fit
x 10


fraction=(α(E-E_cut))^β
α=6.62E-05
E_cut= 509. ± 11. GeV
β=2.57
E_cut(10^-5)=661. GeV
fraction of primaries below E
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
500 550 600 650 700 750 800 850 900 950 1000
energy E of the primary [GeV]