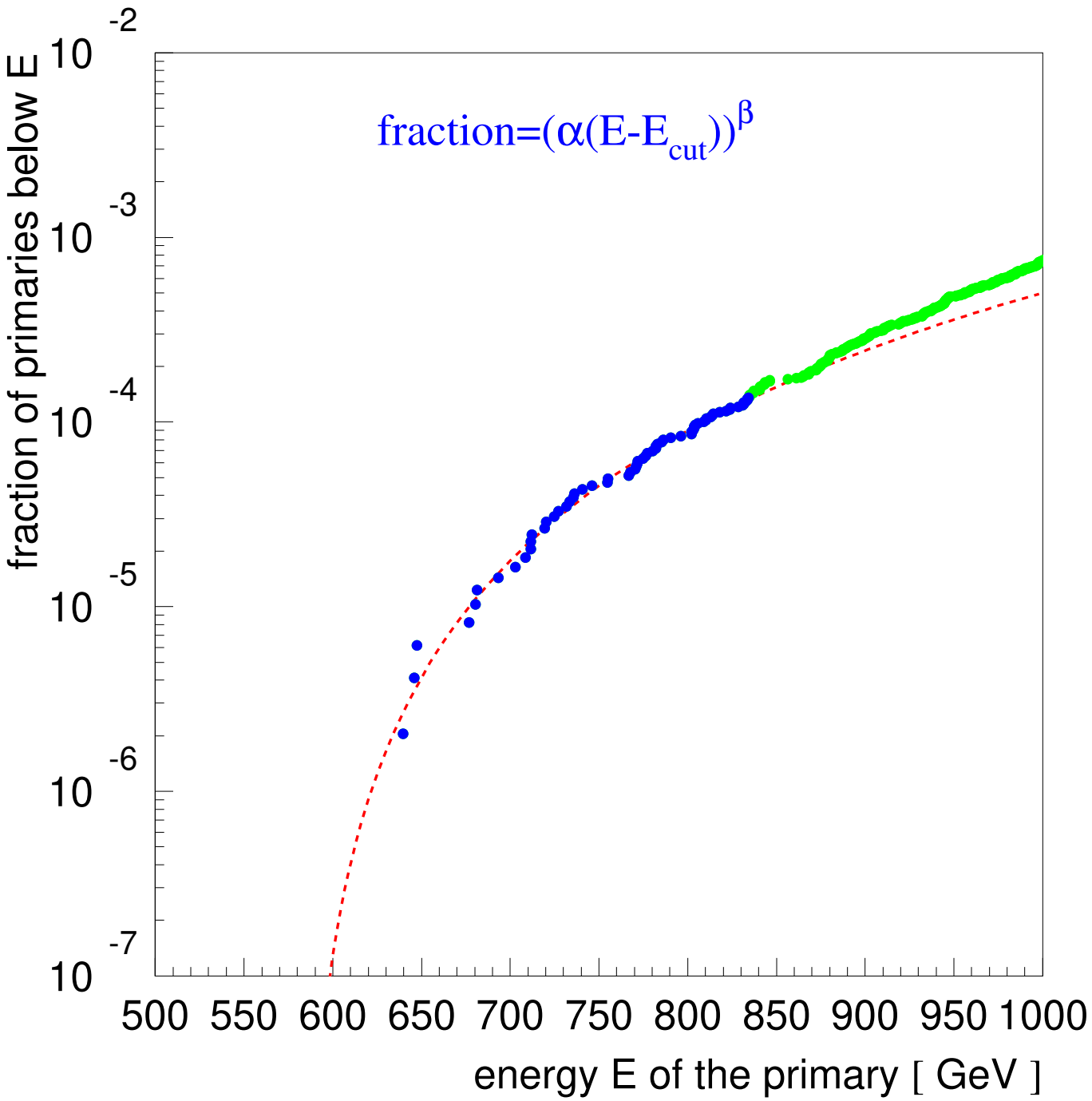
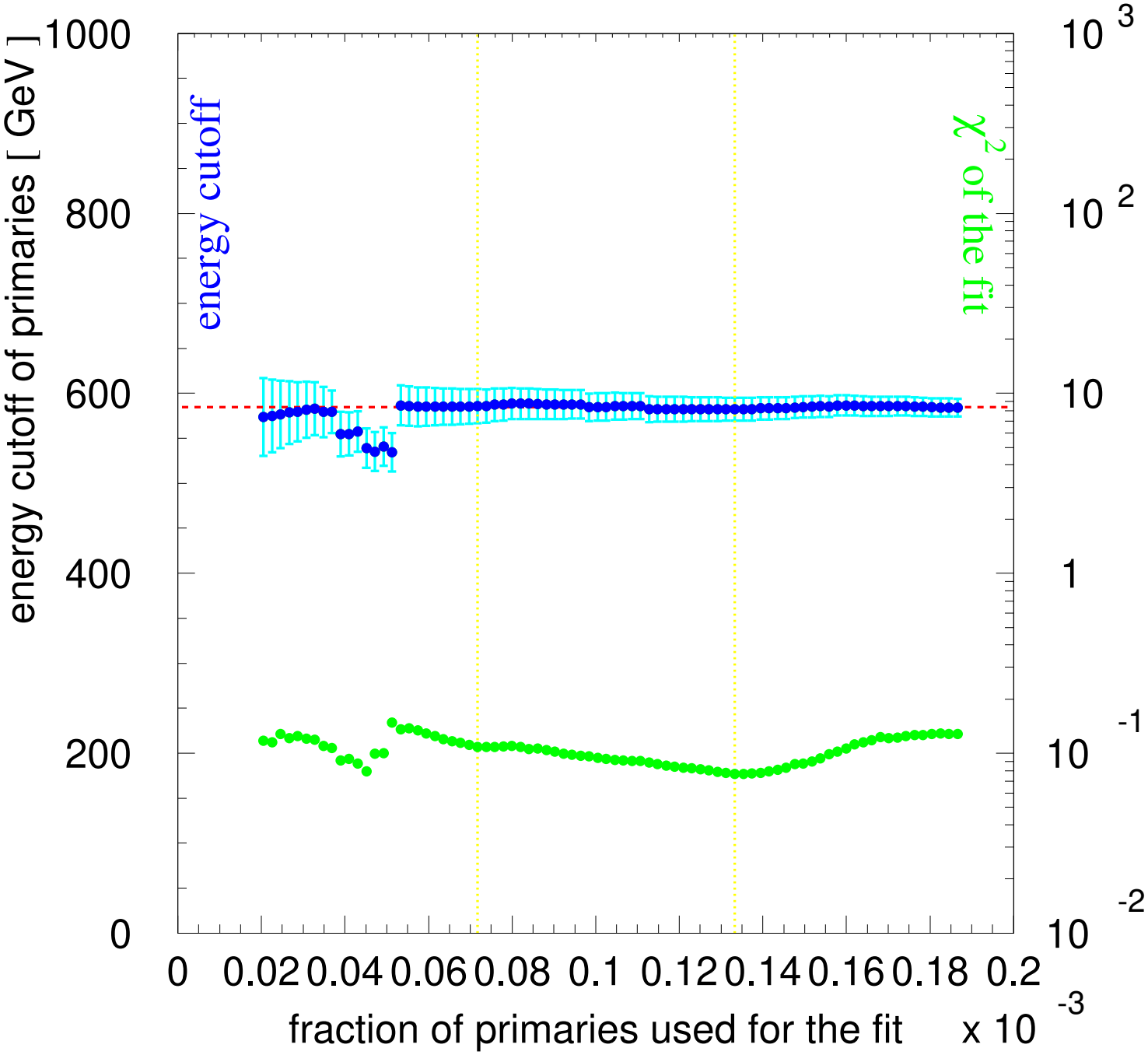
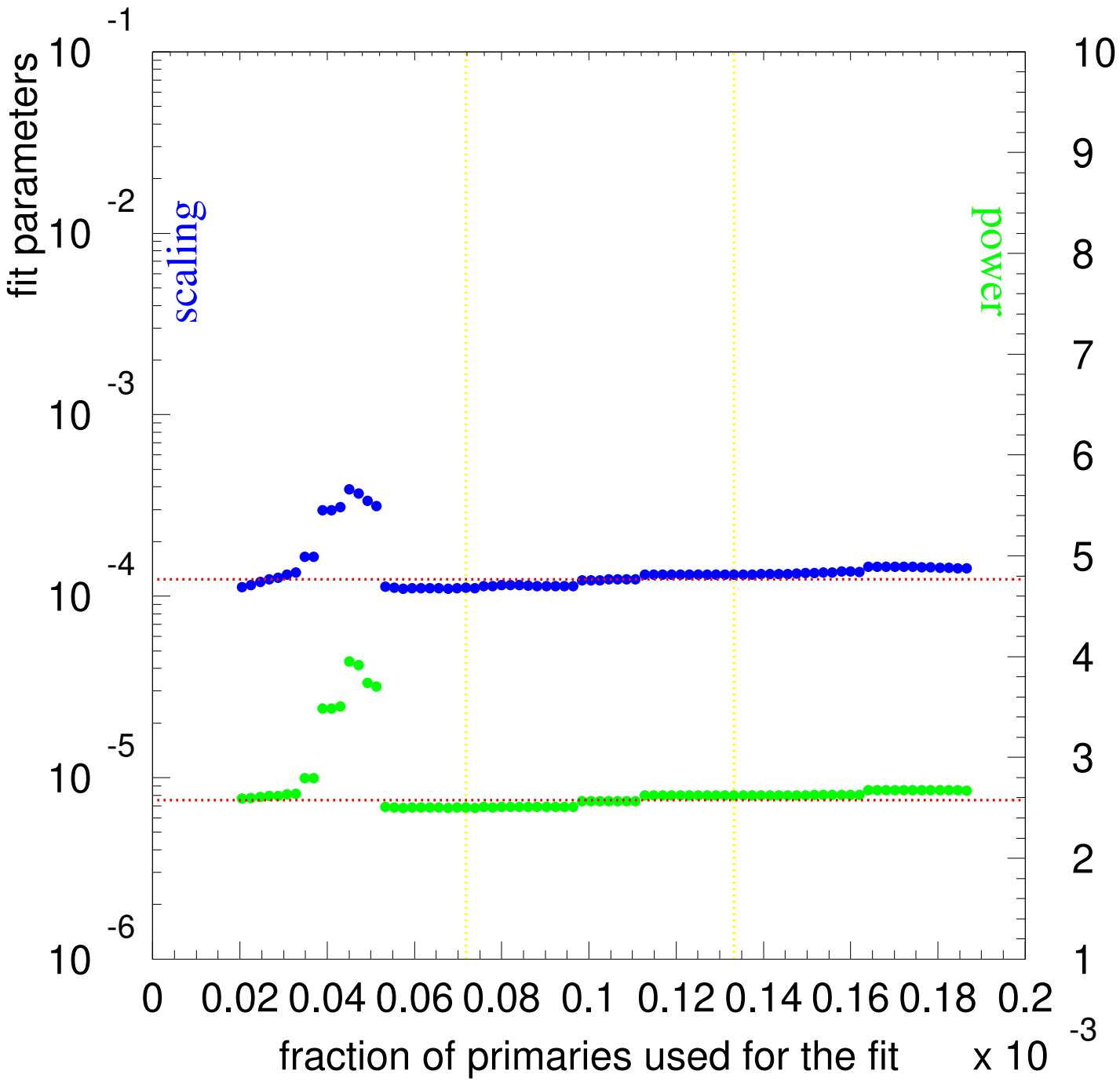
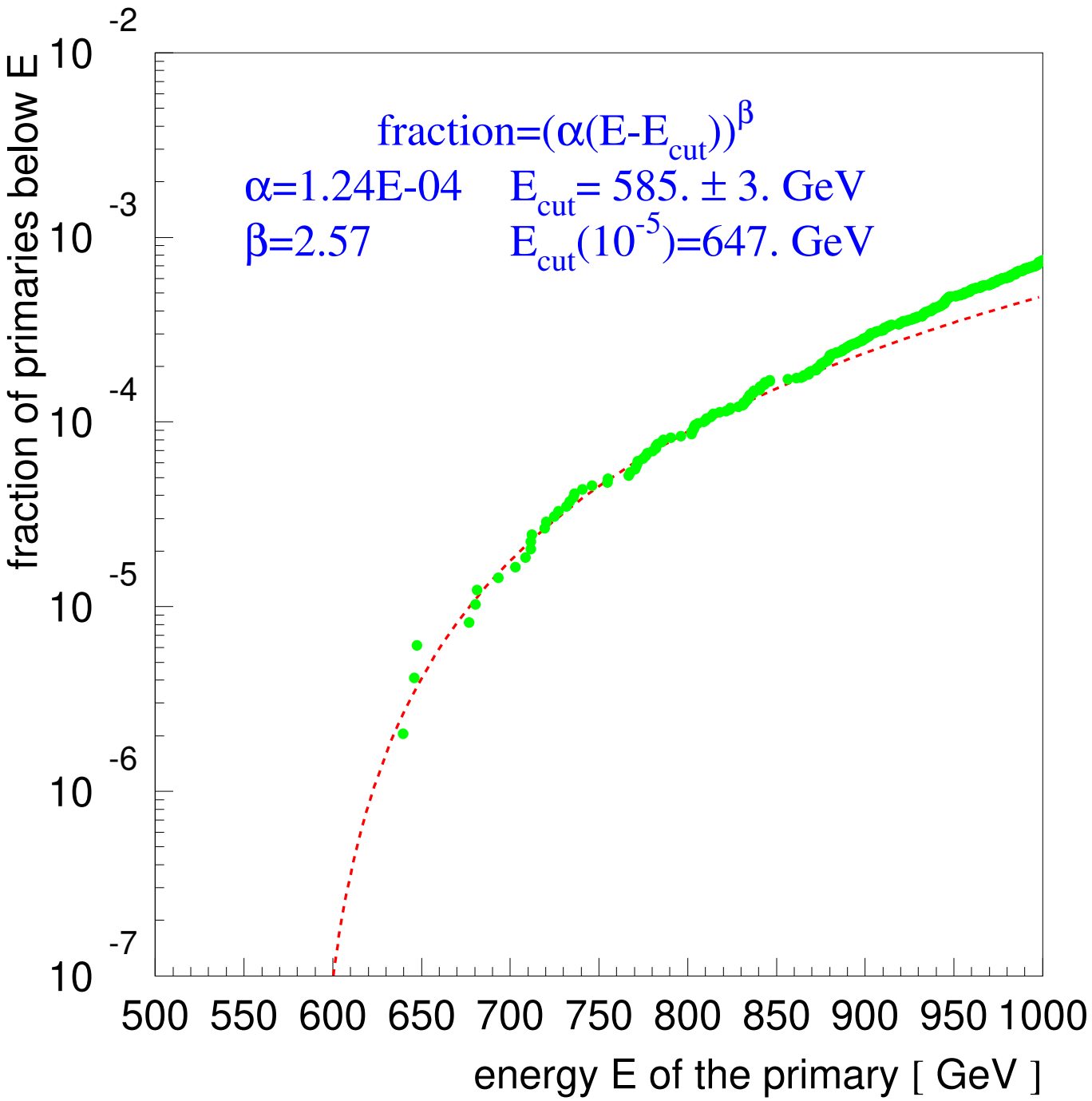

fraction=(α(E-E_cut))^β
fraction of primaries below E
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
500 550 600 650 700 750 800 850 900 950 1000
energy E of the primary [GeV]


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
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
0.2
fraction of primaries used for the fit
x 10


fit parameters
scaling
power
fraction of primaries used for the fit
x 10
-3
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
0.2
10
-1
-2
-3
-4
-5
-6
1
2
3
4
5
6
7
8
9
10


fraction=(α(E-E_cut))^β
α=1.24E-04
E_cut= 585. ± 3. GeV
β=2.57
E_cut(10^-5)=647. GeV
fraction of primaries below E
energy E of the primary [GeV]
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
500 550 600 650 700 750 800 850 900 950 1000