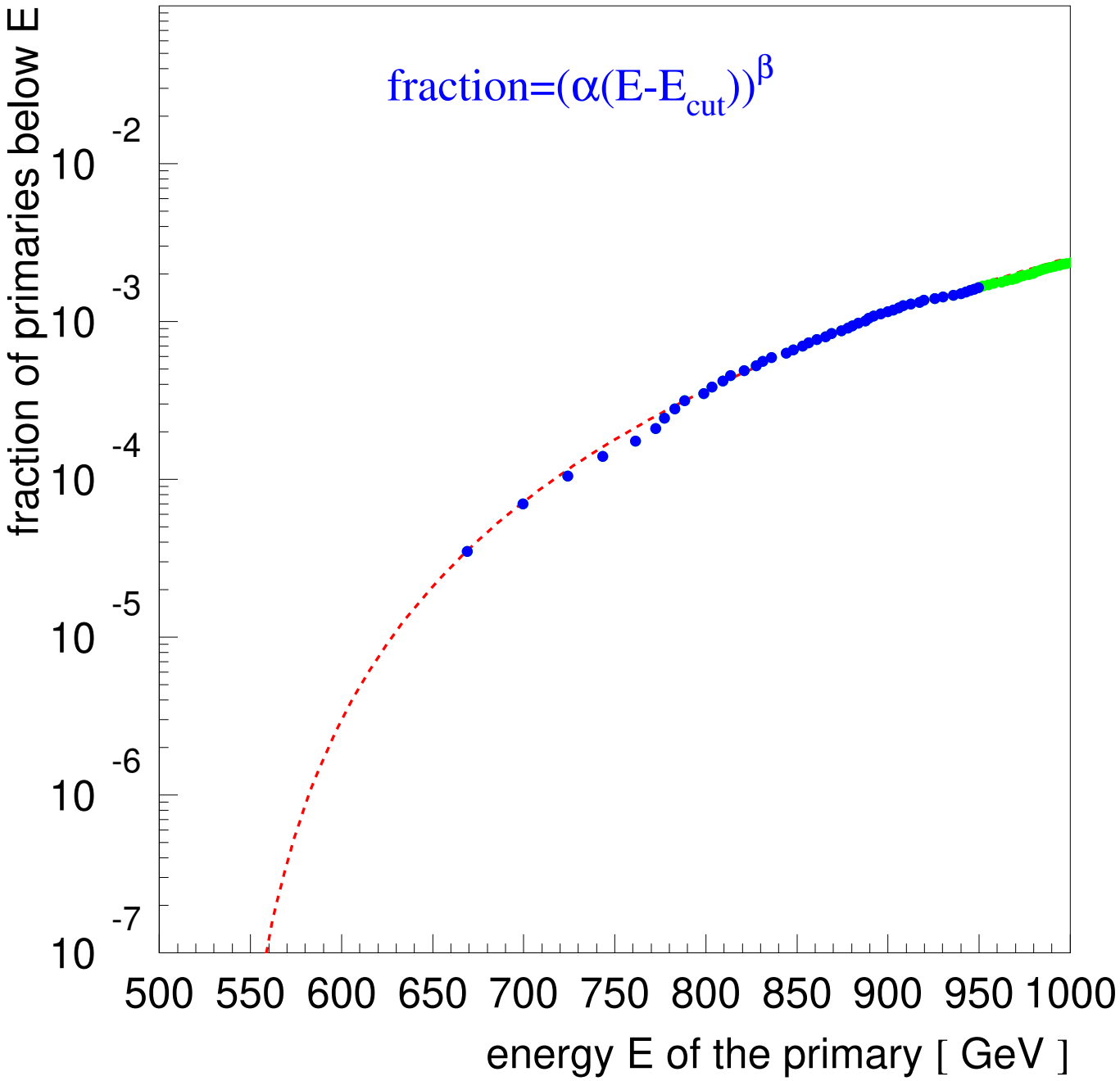
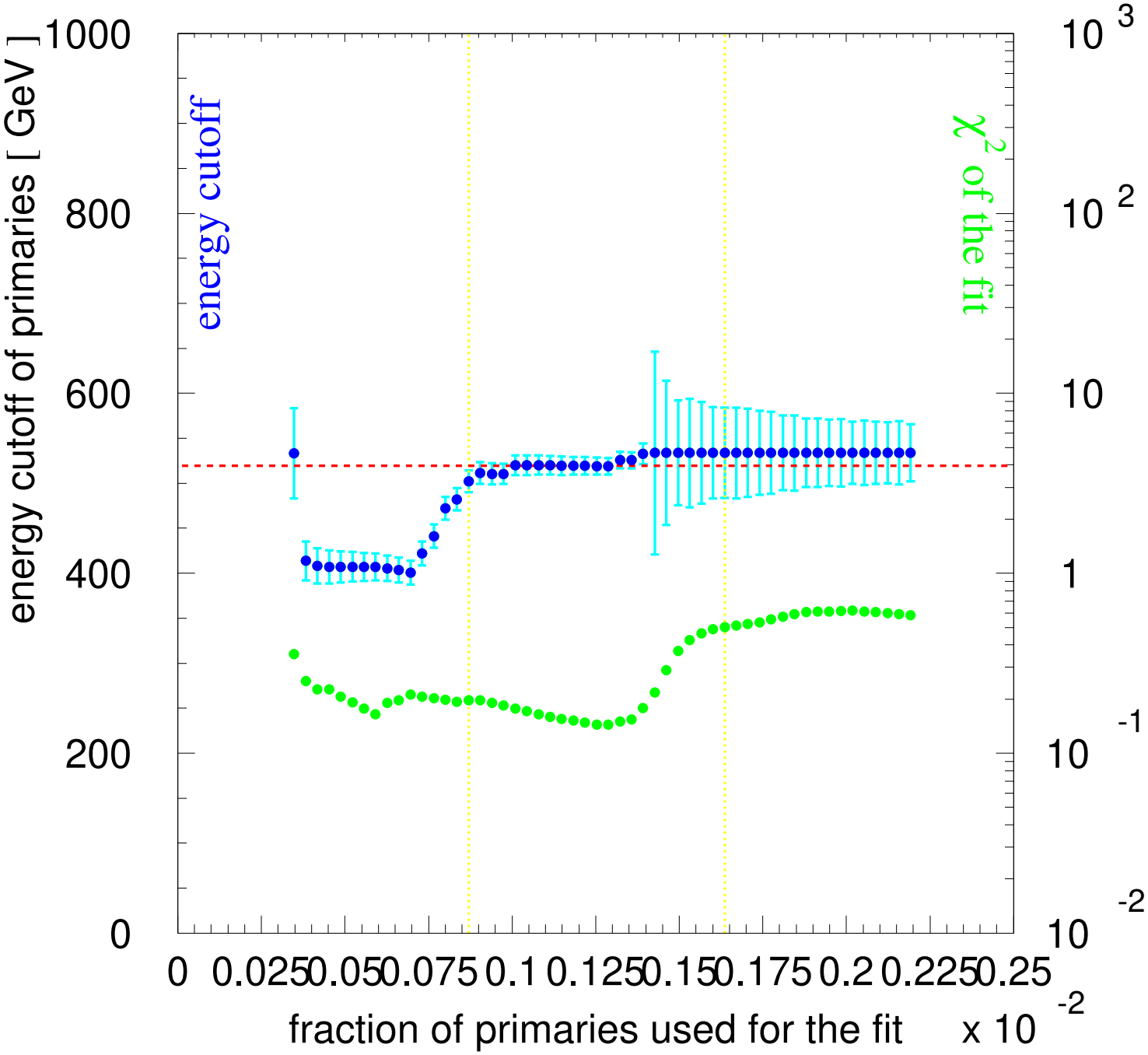
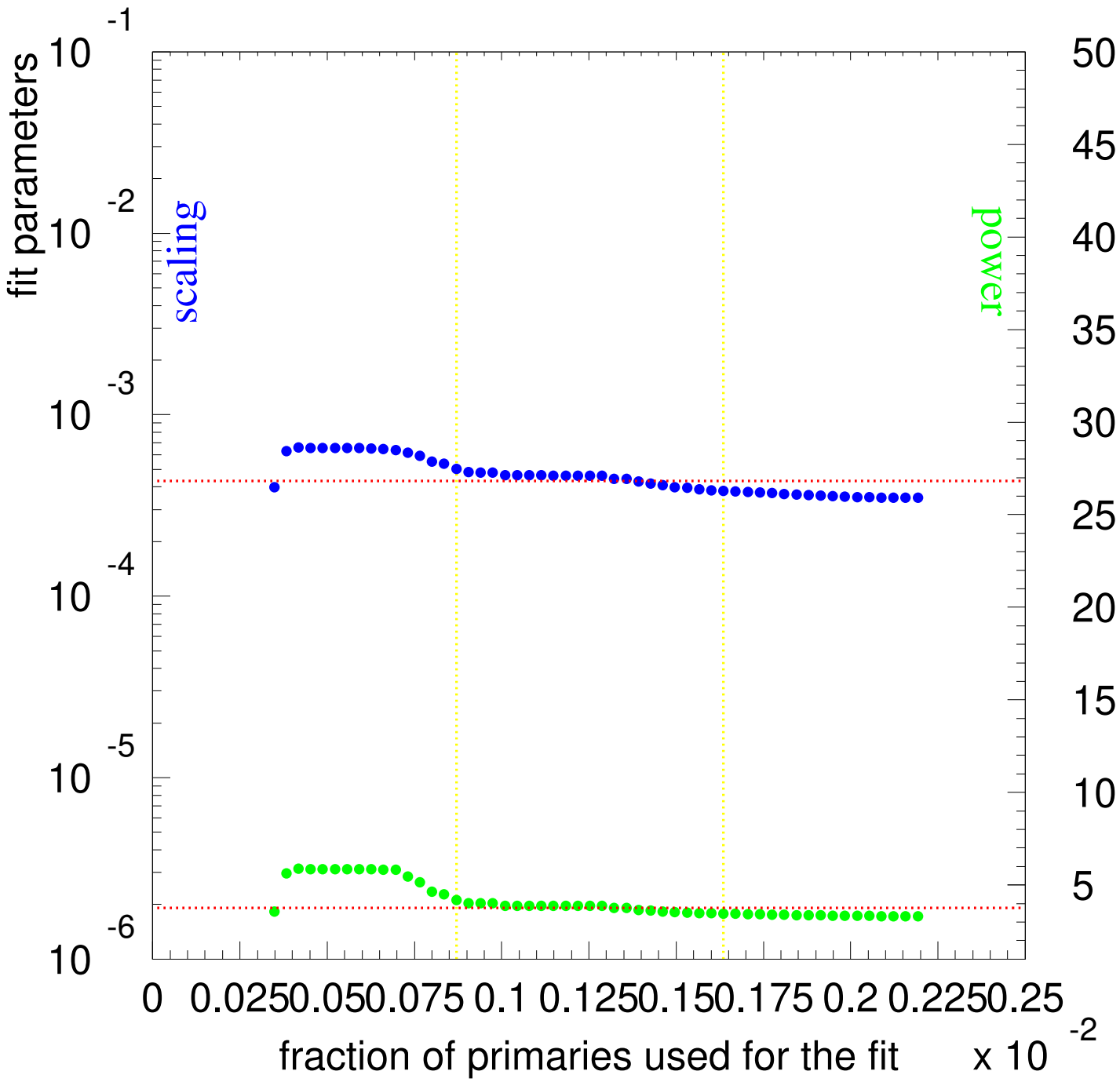
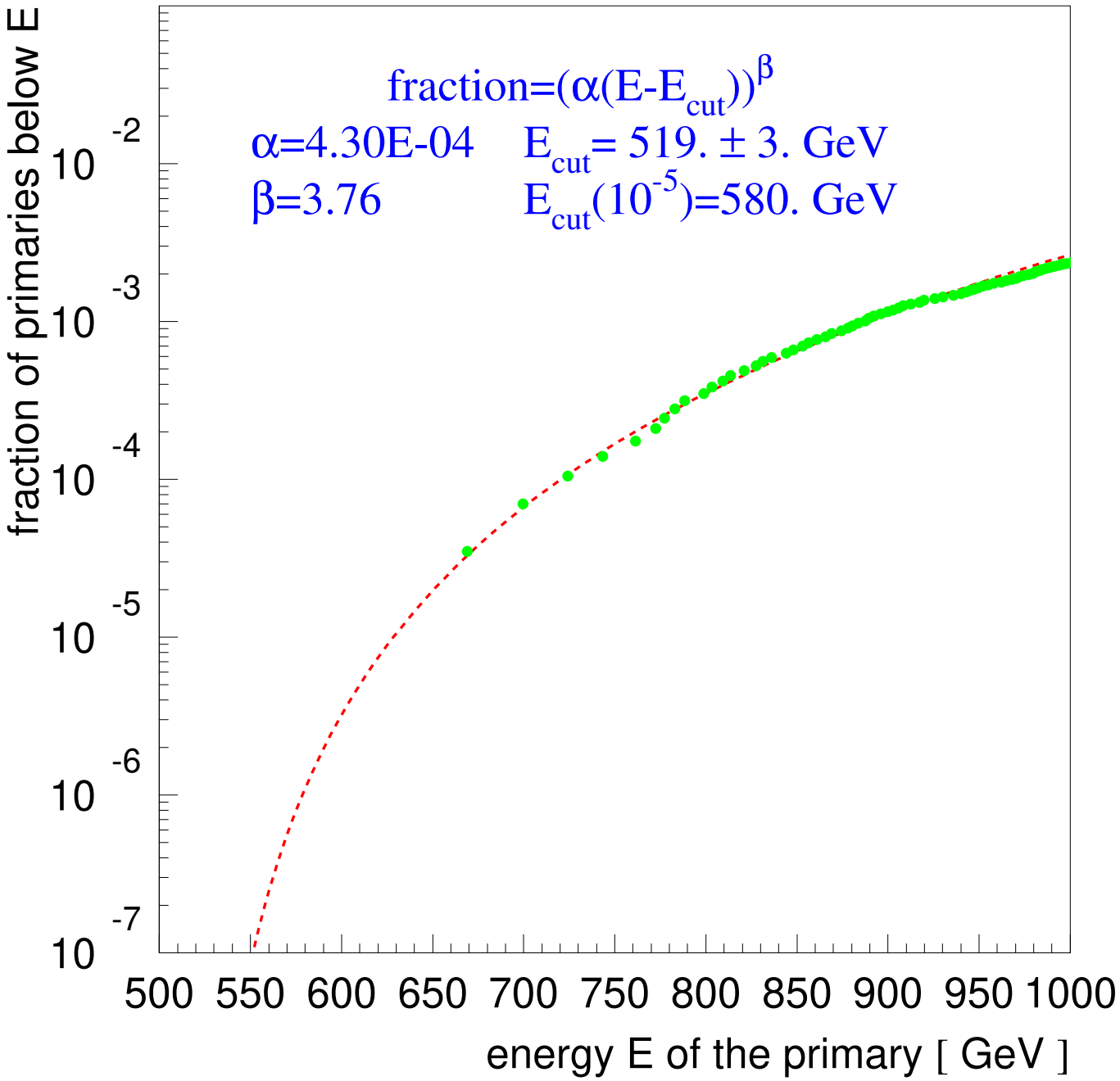

fraction=(α(E-E_cut))^β
fraction of primaries below E
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
500 550 600 650 700 750 800 850 900 950 1000
energy E of the primary [GeV]


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}
0
0.025
0.05
0.075
0.1
0.125
0.15
0.175
0.2
0.225
0.25
fraction of primaries used for the fit
x 10^{-2}


fit parameters
scaling
power
fraction of primaries used for the fit
x 10^-2
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
0
0.025
0.05
0.075
0.1
0.125
0.15
0.175
0.2
0.225
0.25
50
45
40
35
30
25
20
15
10
5


fraction=(α(E-E_cut))^β
α=4.30E-04
E_cut= 519. ± 3. GeV
β=3.76
E_cut(10^-5)=580. 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]