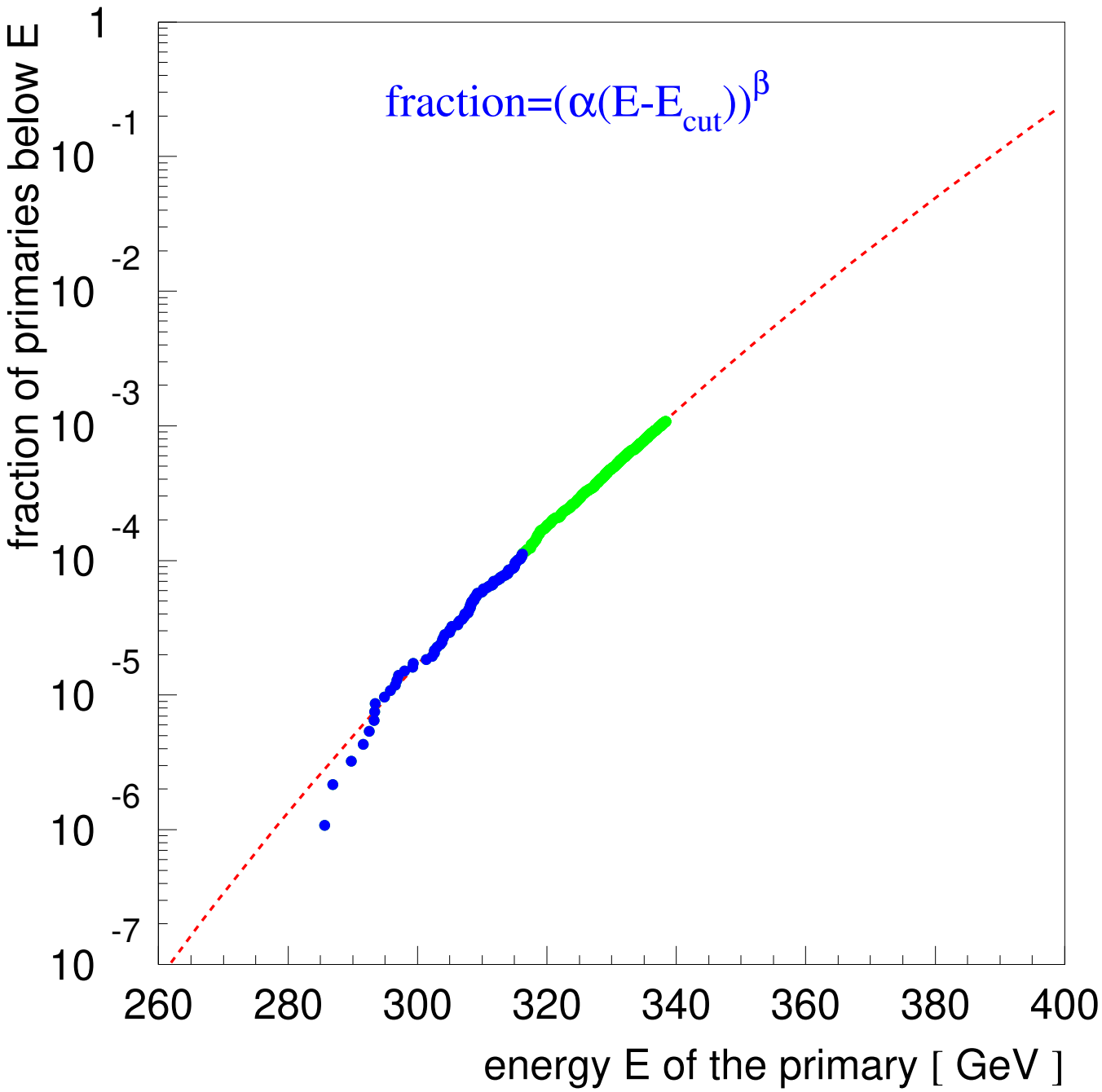
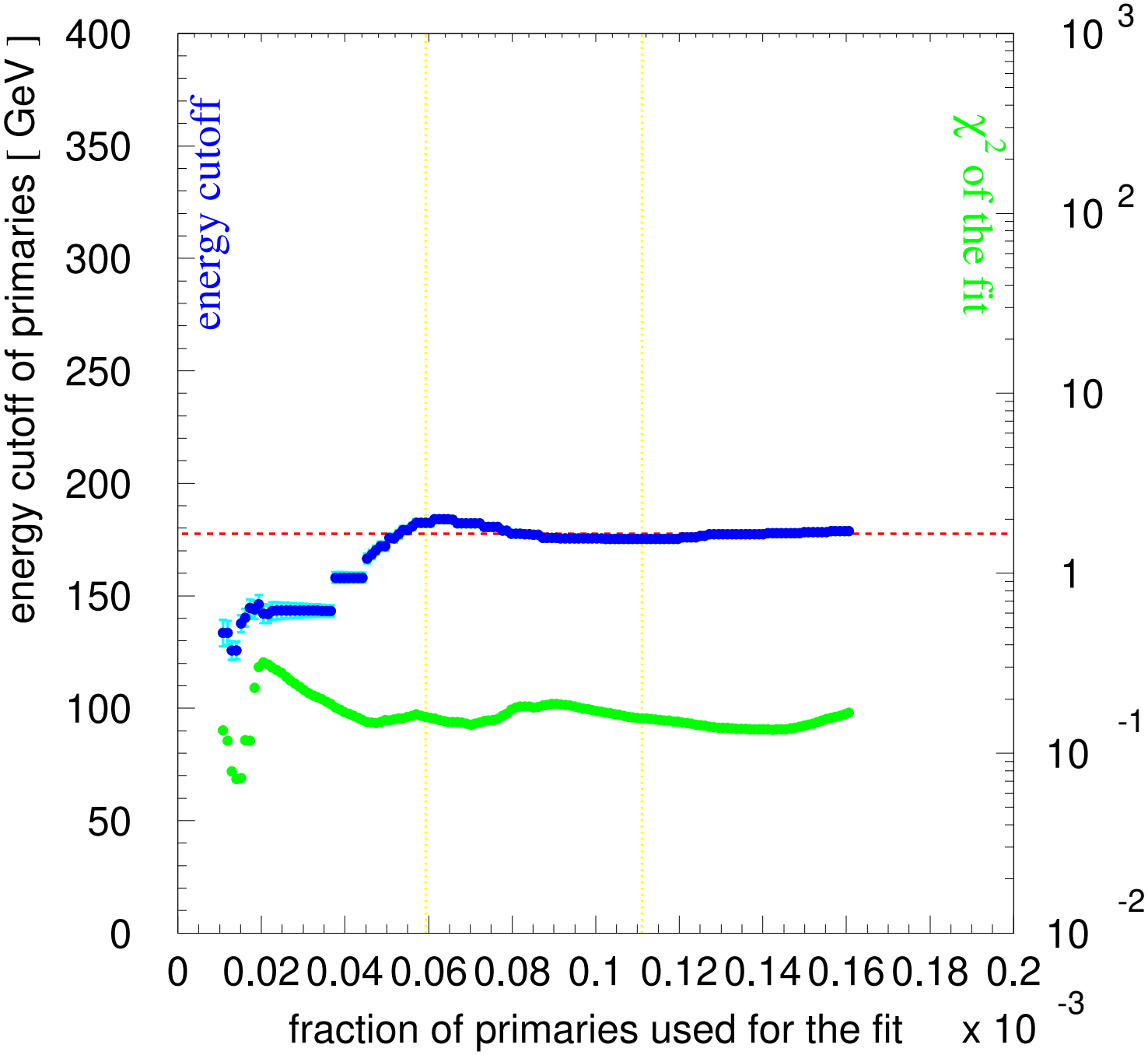
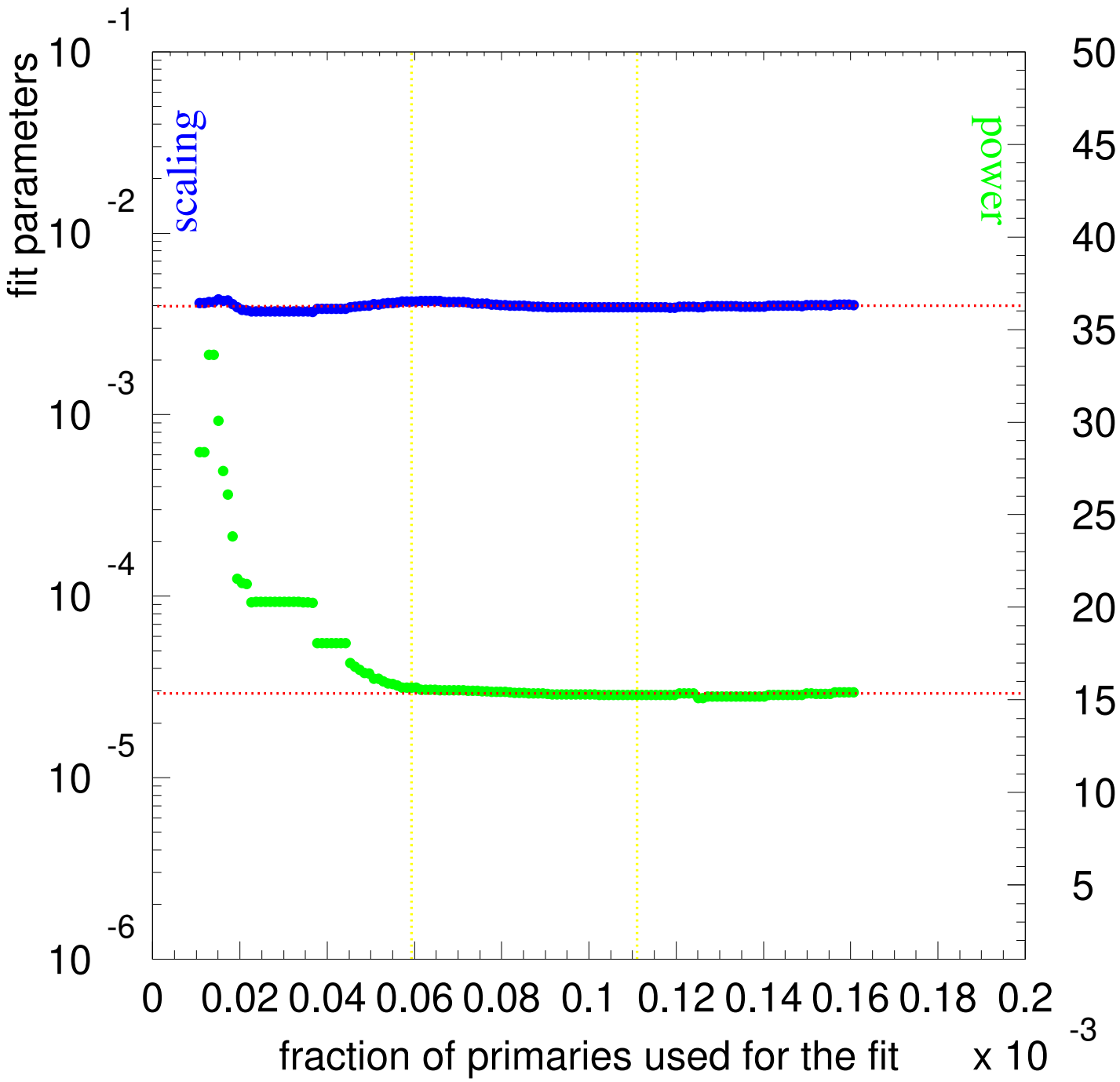
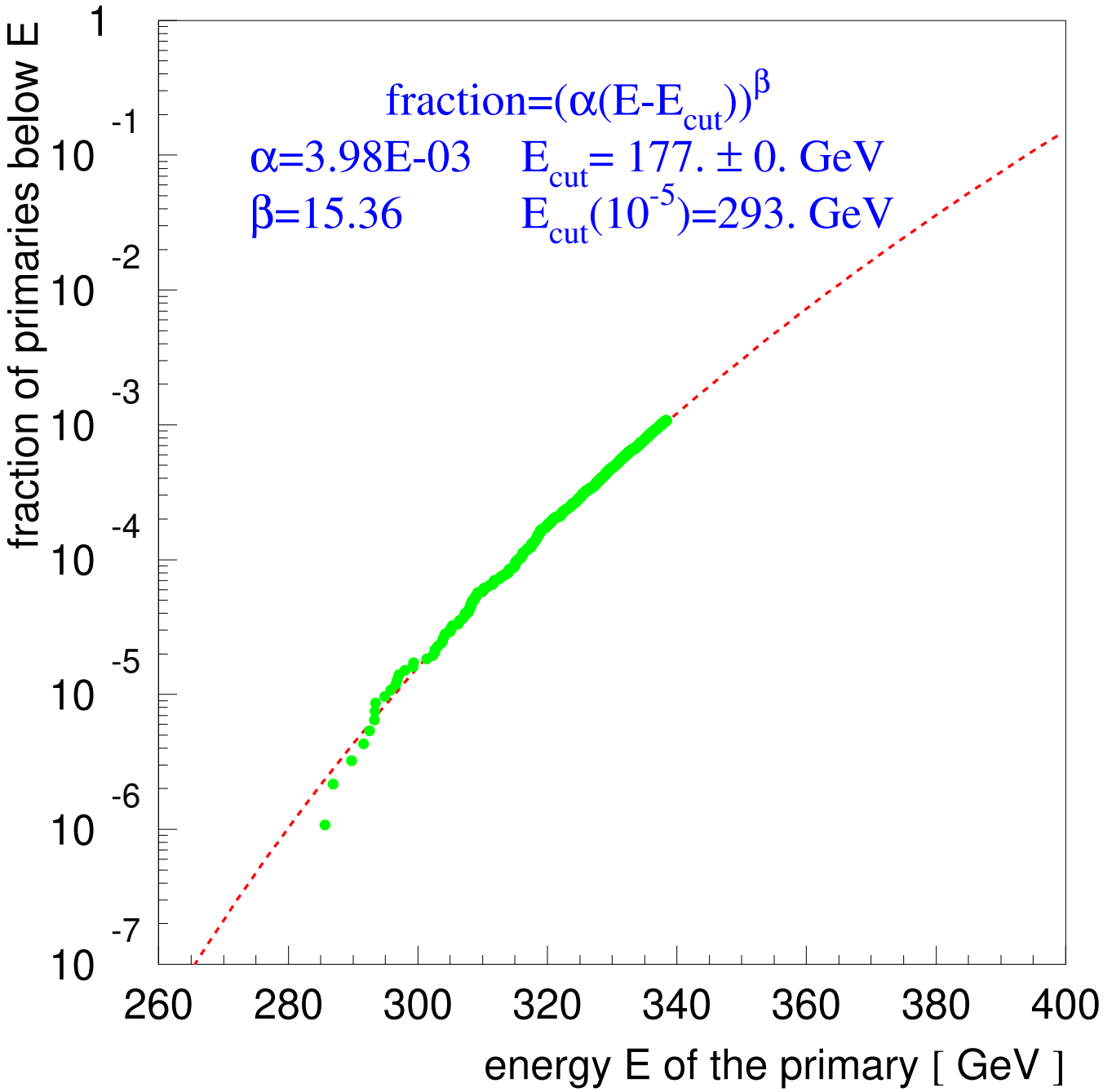

fraction=(α(E-E_cut))^β
fraction of primaries below E
1
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
260
280
300
320
340
360
380
400
energy E of the primary [GeV]


energy cutoff of primaries [GeV]
400
350
300
250
200
150
100
50
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
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
50
45
40
35
30
25
20
15
10
5
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
0.2


fraction=(α(E-E_cut))^β
α=3.98E-03
E_cut= 177. ± 0. GeV
β=15.36
E_cut(10^-5)=293. GeV
fraction of primaries below E
energy E of the primary [GeV]
1
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
260
280
300
320
340
360
380
400