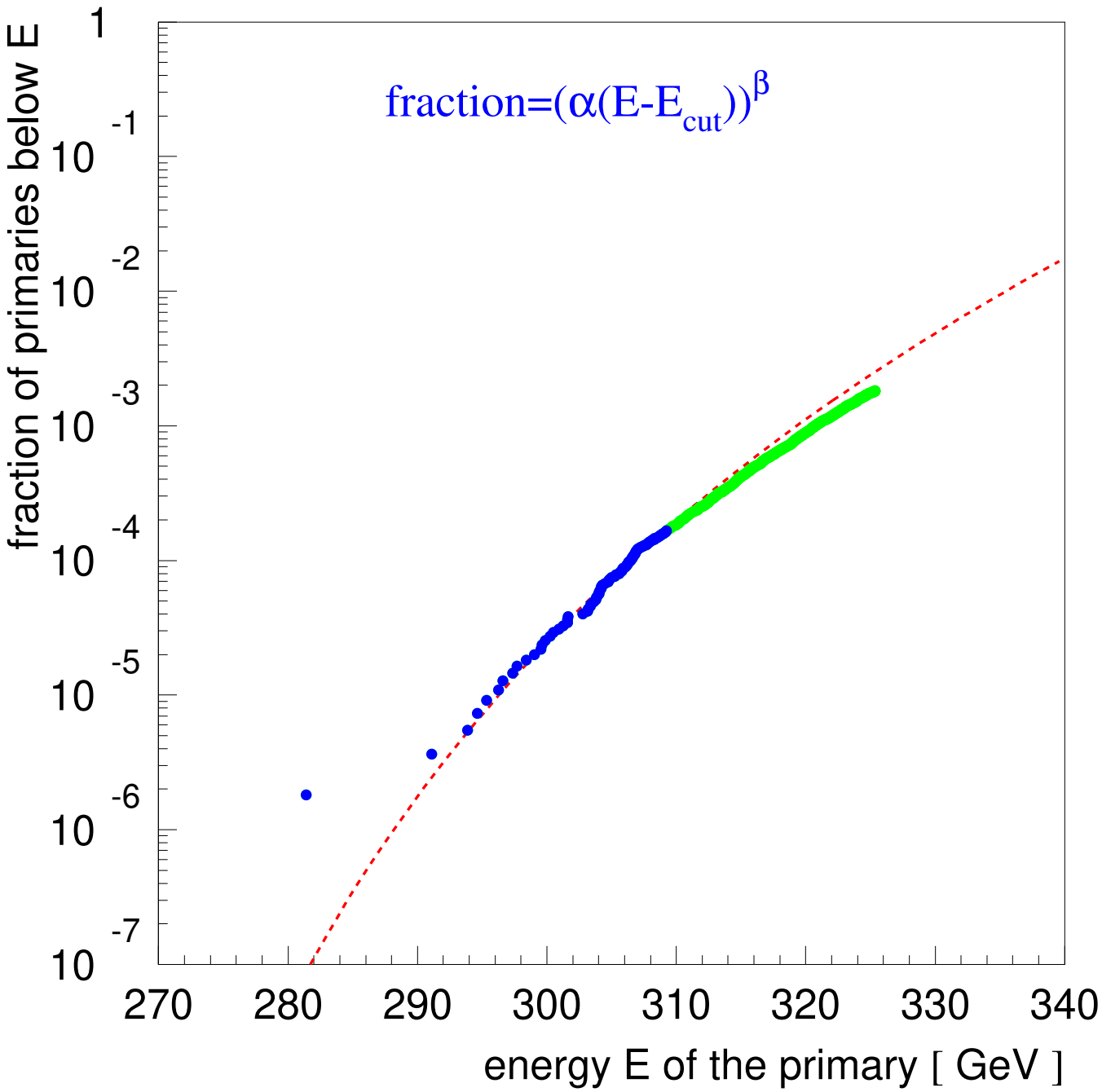
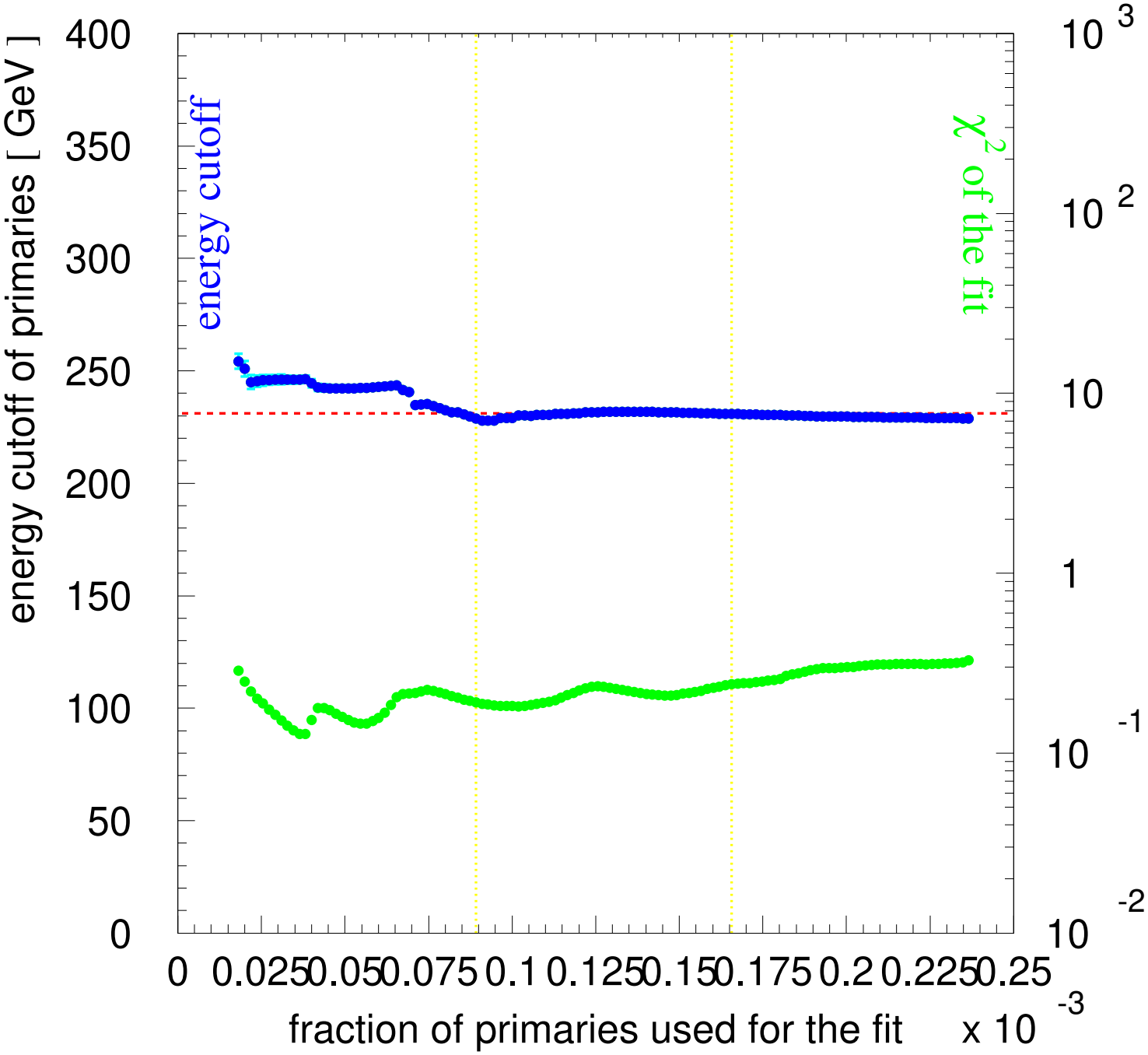
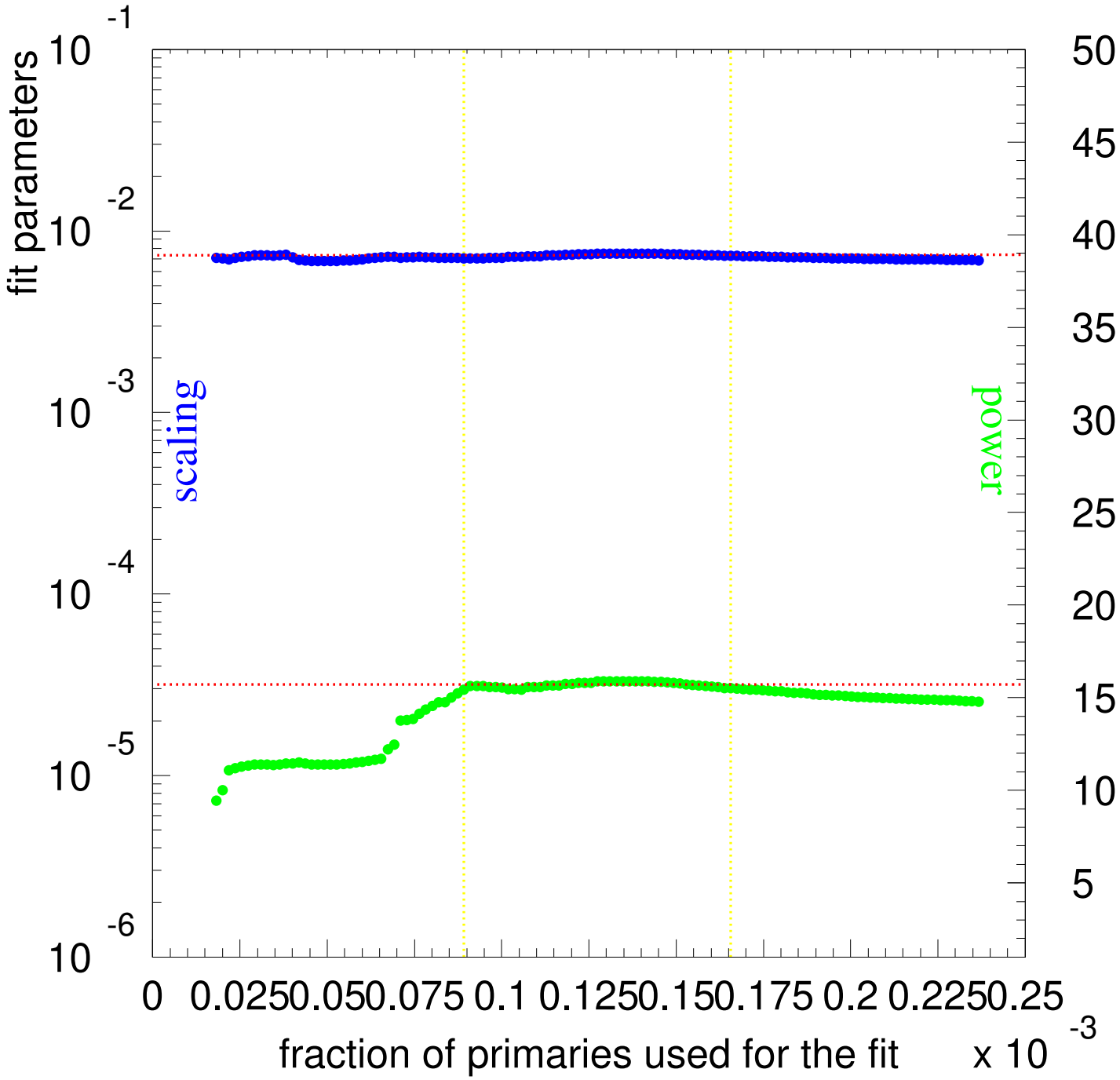
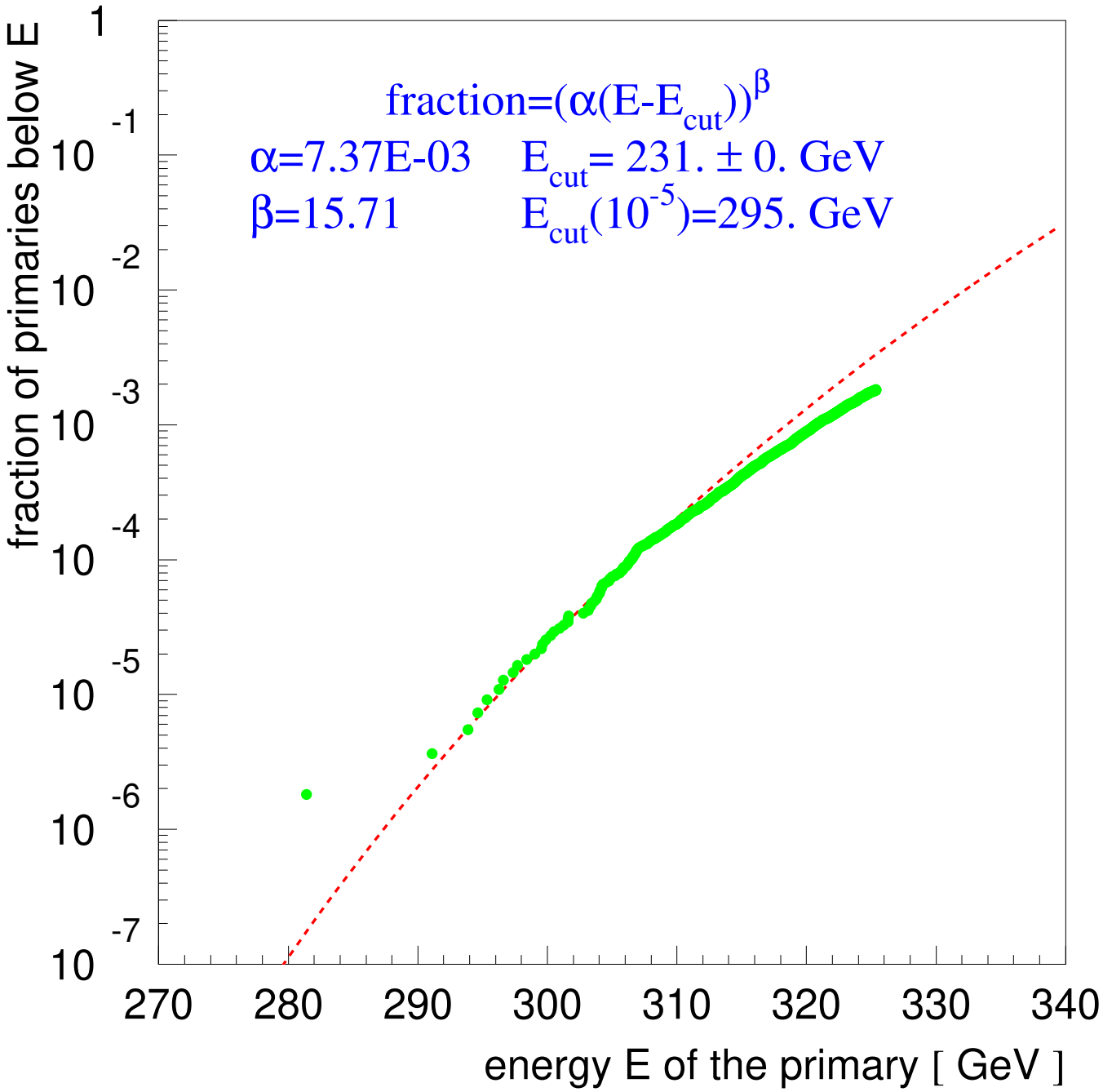

fraction=(α(E-E_cut))^β
fraction of primaries below E
1
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
10^-7
270
280
290
300
310
320
330
340
energy E of the primary [GeV]


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
0.025
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


fit parameters
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
scaling
power
50
45
40
35
30
25
20
15
10
5
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^-3


fraction=(α(E-E_cut))^β
α=7.37E-03
E_cut= 231. ± 0. GeV
β=15.71
E_cut(10^-5)=295. 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
270
280
290
300
310
320
330
340