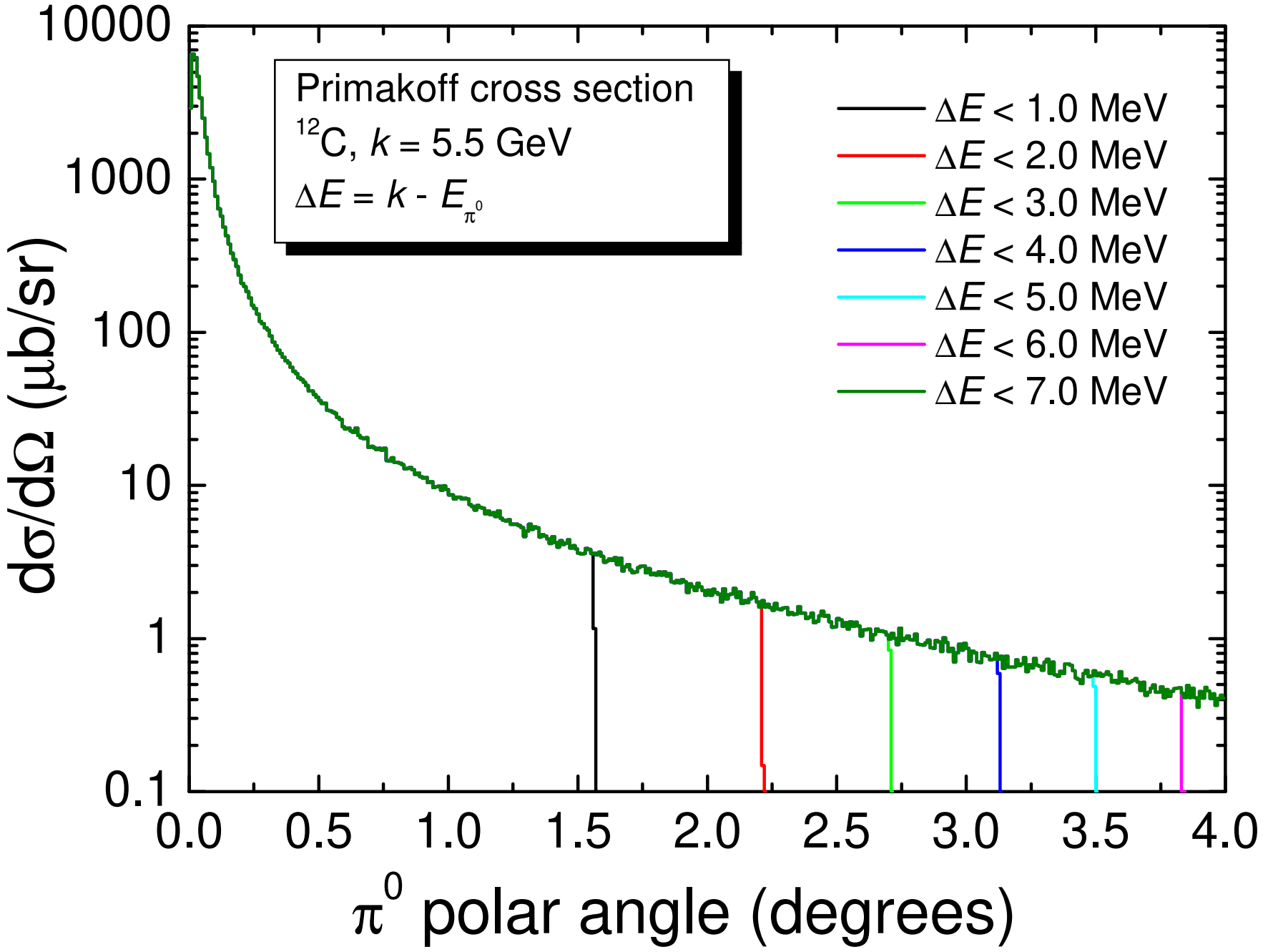
Primakoff cross section
^{12}C, k = 5.5 GeV
$\Delta E = k - E_{\pi^0}$
ΔE < 1.0 MeV
ΔE < 2.0 MeV
ΔE < 3.0 MeV
ΔE < 4.0 MeV
ΔE < 5.0 MeV
ΔE < 6.0 MeV
ΔE < 7.0 MeV
dσ/dΩ (μb/sr)
10000
1000
100
10
1
0.1
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
π^0 polar angle (degrees)