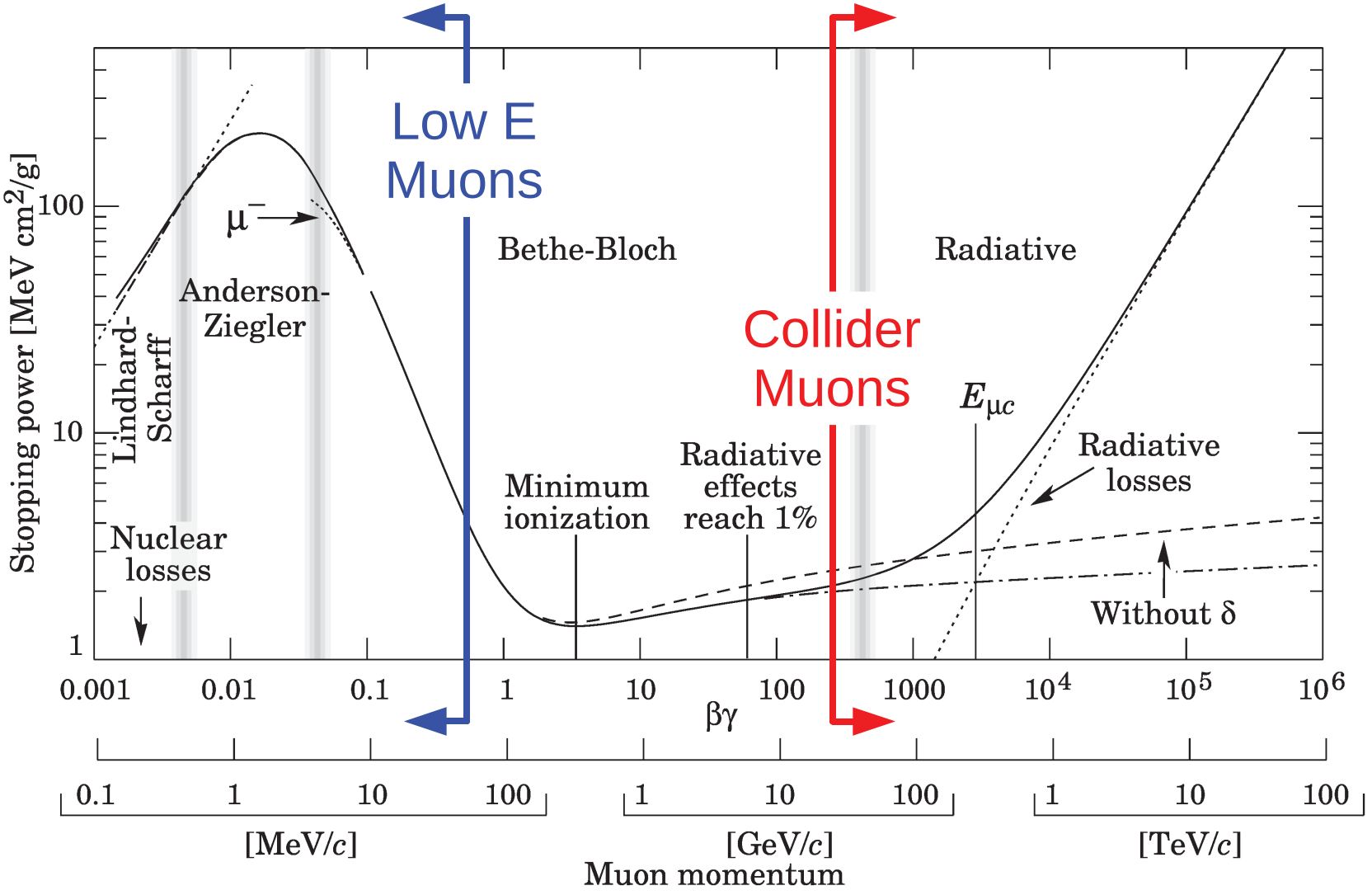
Low E
Muons
Collider
Muons
Stopping power [MeV cm^2/g]
100
10
1
μ^-
Anderson-
Ziegler
Lindhard-
Scharff
Nuclear
losses
Bethe-Bloch
Minimum
ionization
Radiative
effects
reach 1%
$E_{\mu c}$
Radiative
losses
Without δ
Radiative
0.001
0.01
0.1
1
10
100
1000
10^4
10^5
10^6
βγ
0.1
1
10
100
[MeV/c]
1
10
100
[GeV/c]
1
10
100
[TeV/c]
Muon momentum