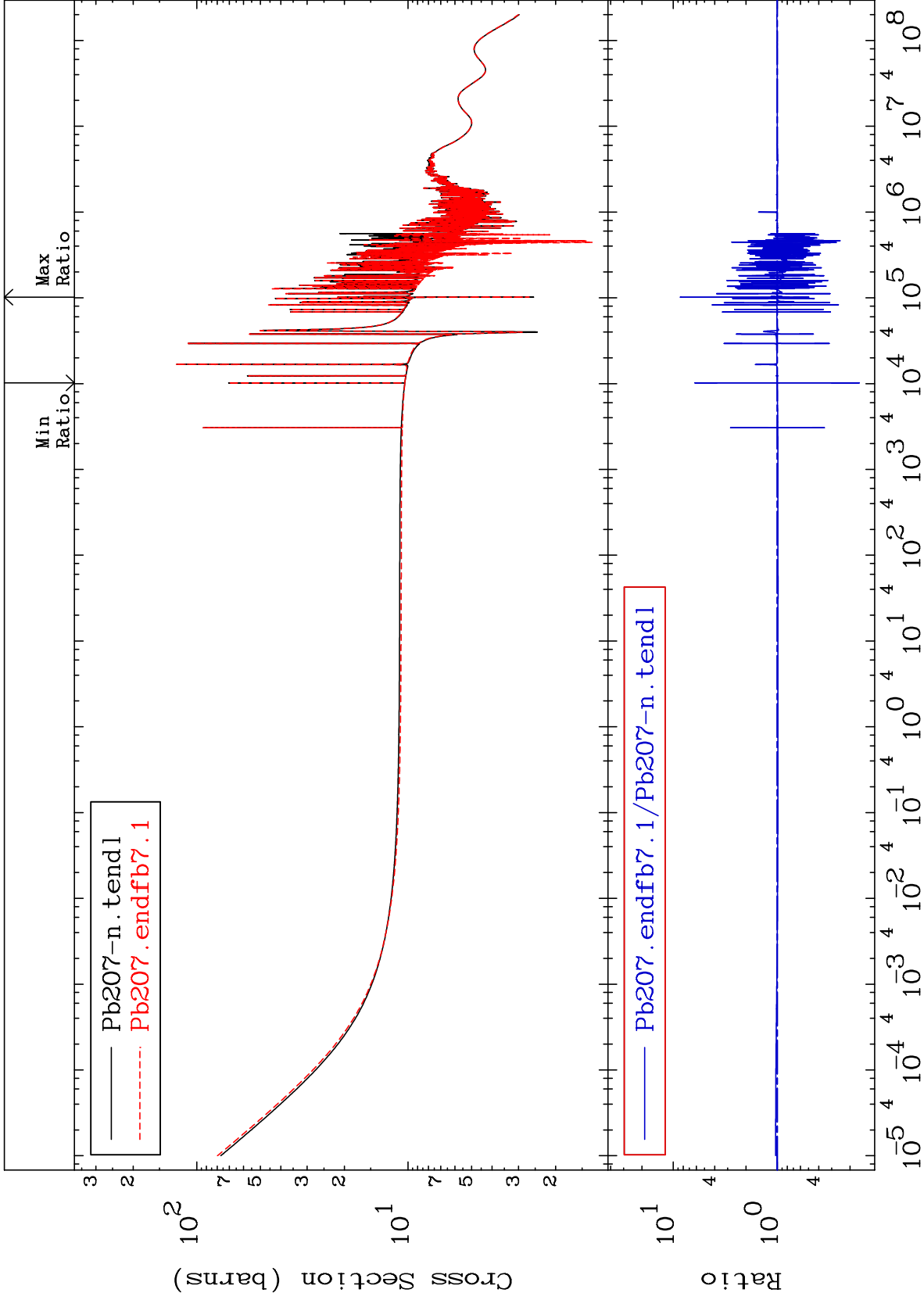


MAT 8234

Total
Cross Section

82-Pb-207
-83.77 To 754.0 %



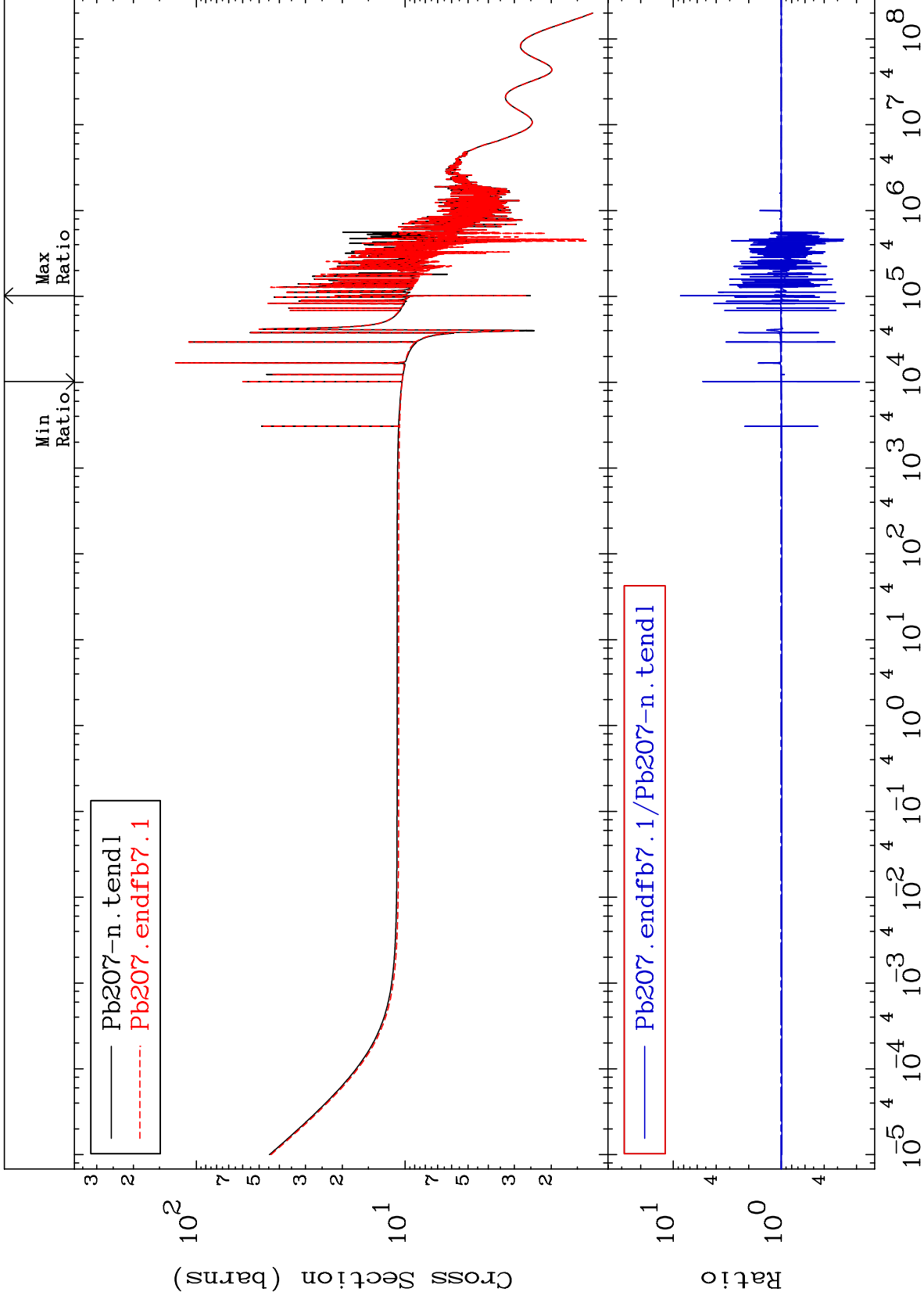
Incident Energy (eV)

82-Pb-207

MAT 8234

Elastic
Cross Section

82-Pb-207
-81.17 To 758.8 %



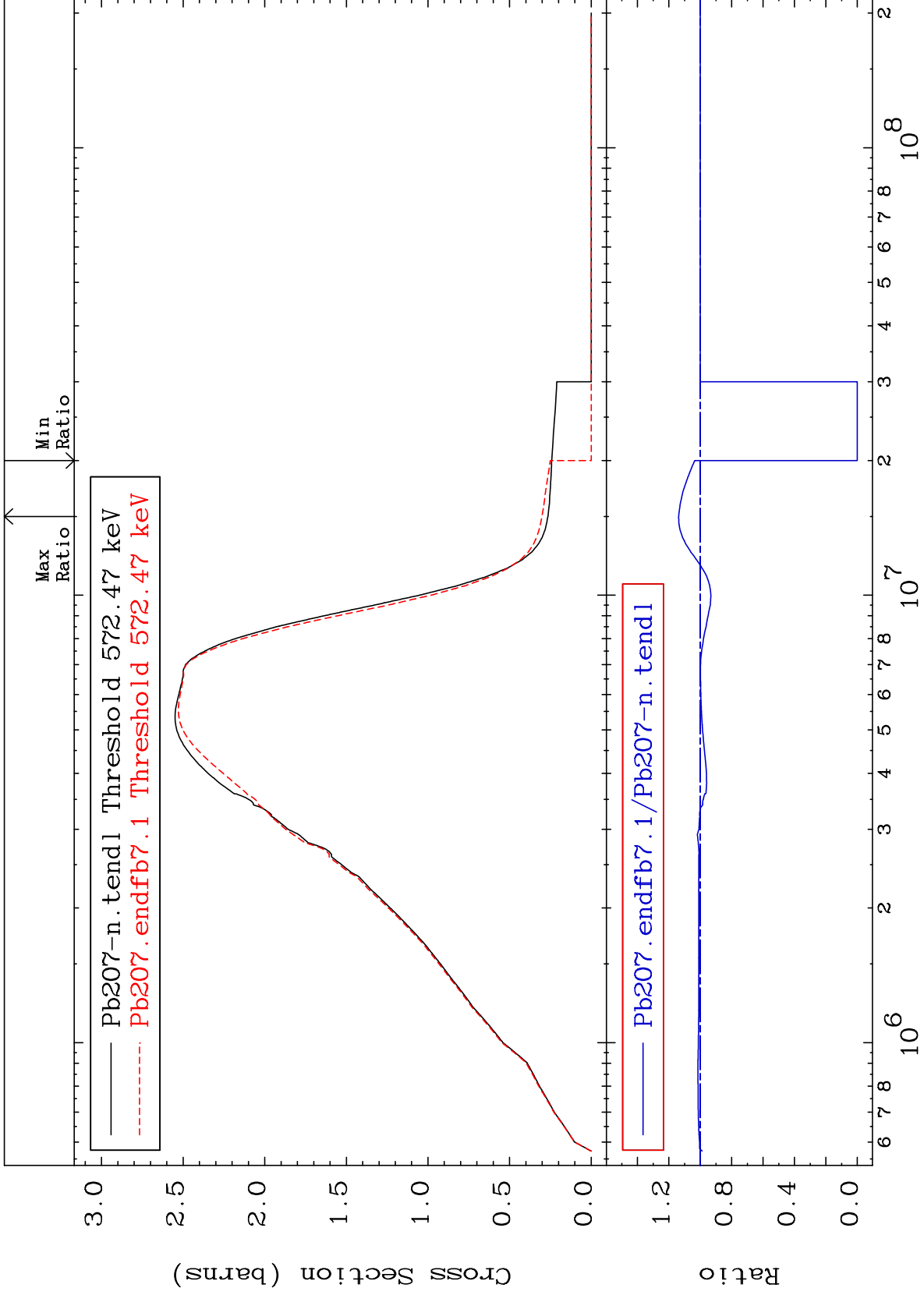
Incident Energy (eV)

82-Pb-207

MAT 8234

Inelastic
Cross Section

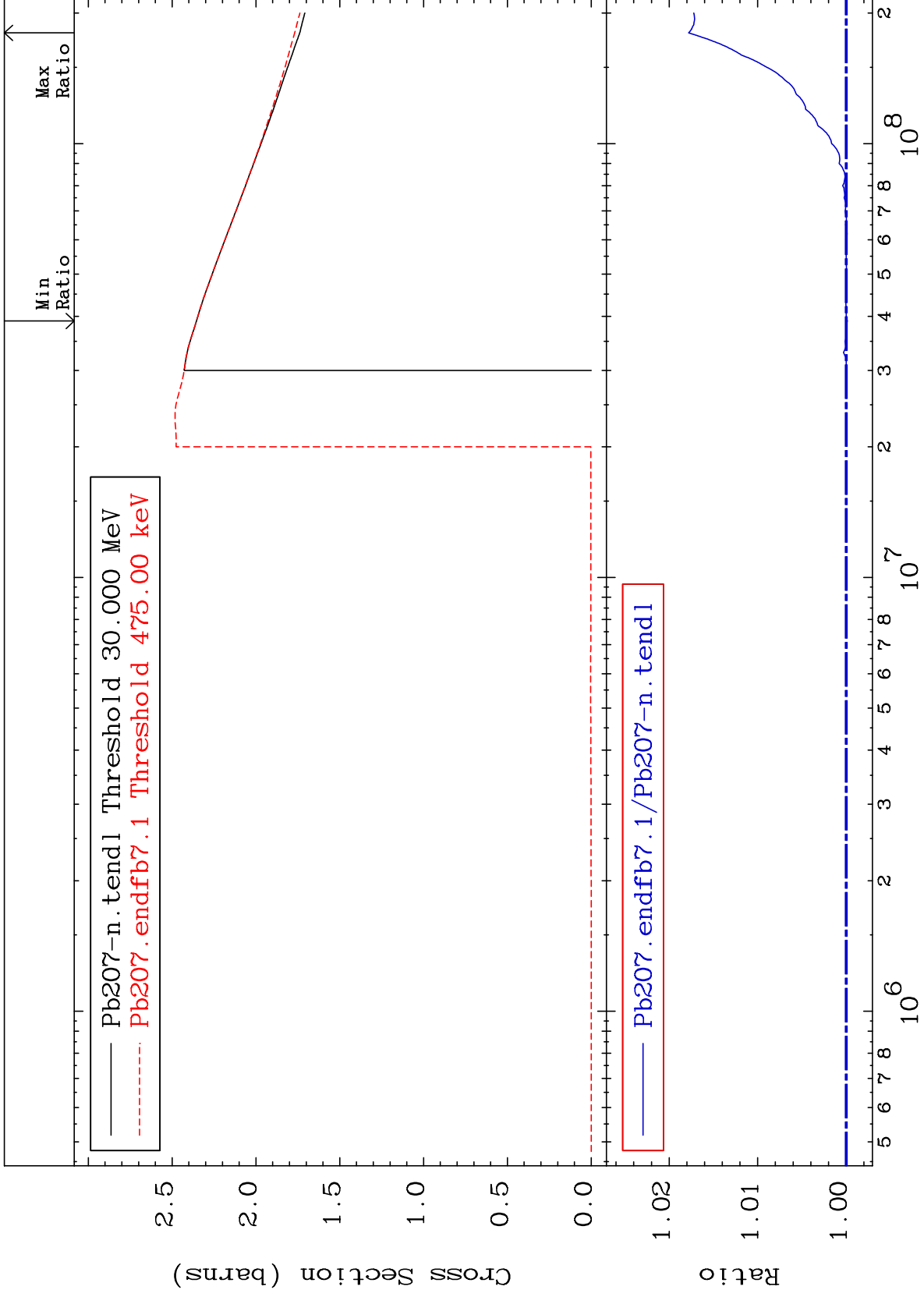
82-Pb-207
-100.0 To 13.77 %



MAT 8234

(n, remainder)
Cross Section

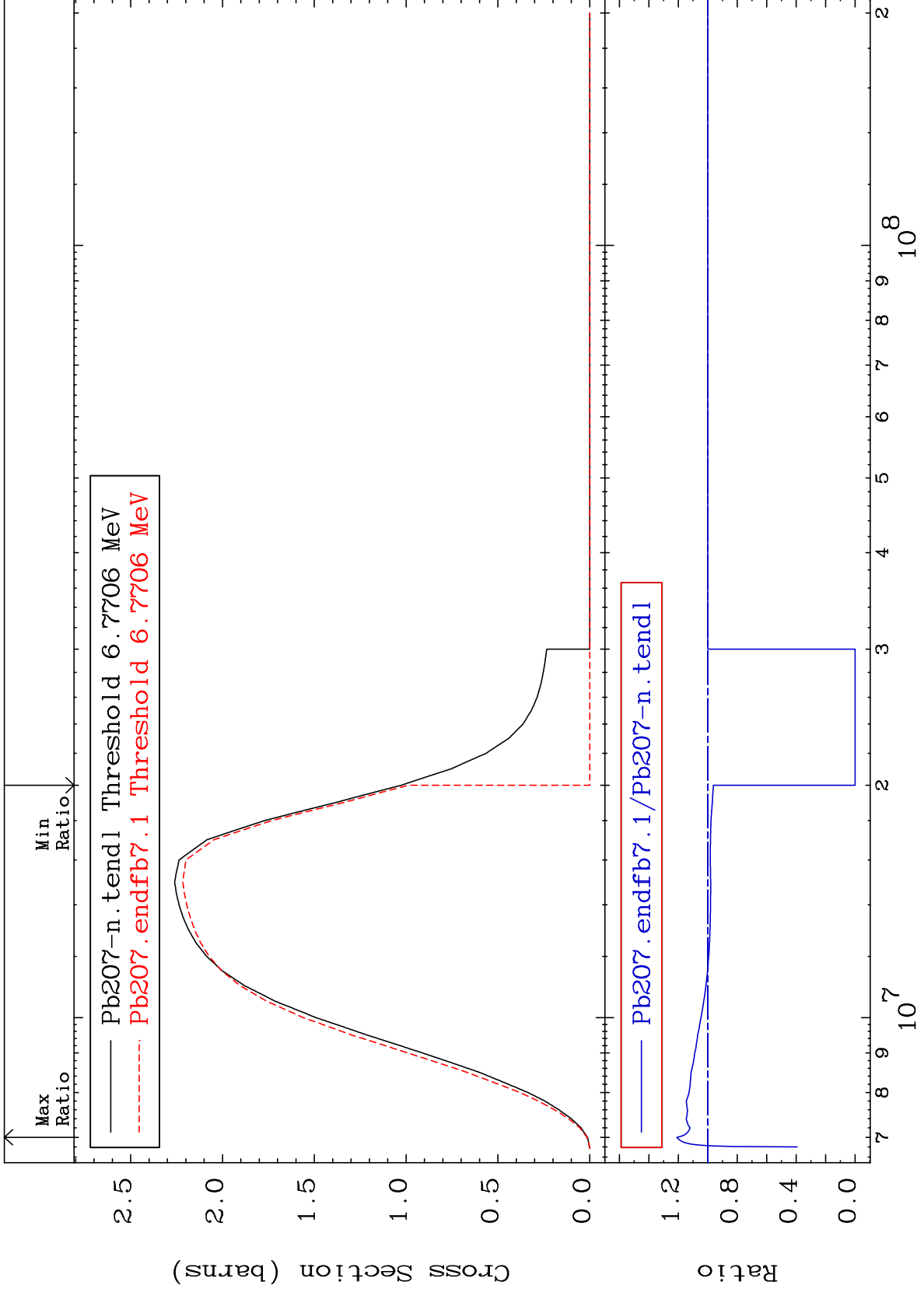
82-Pb-207
-0.011 To 1.780 %

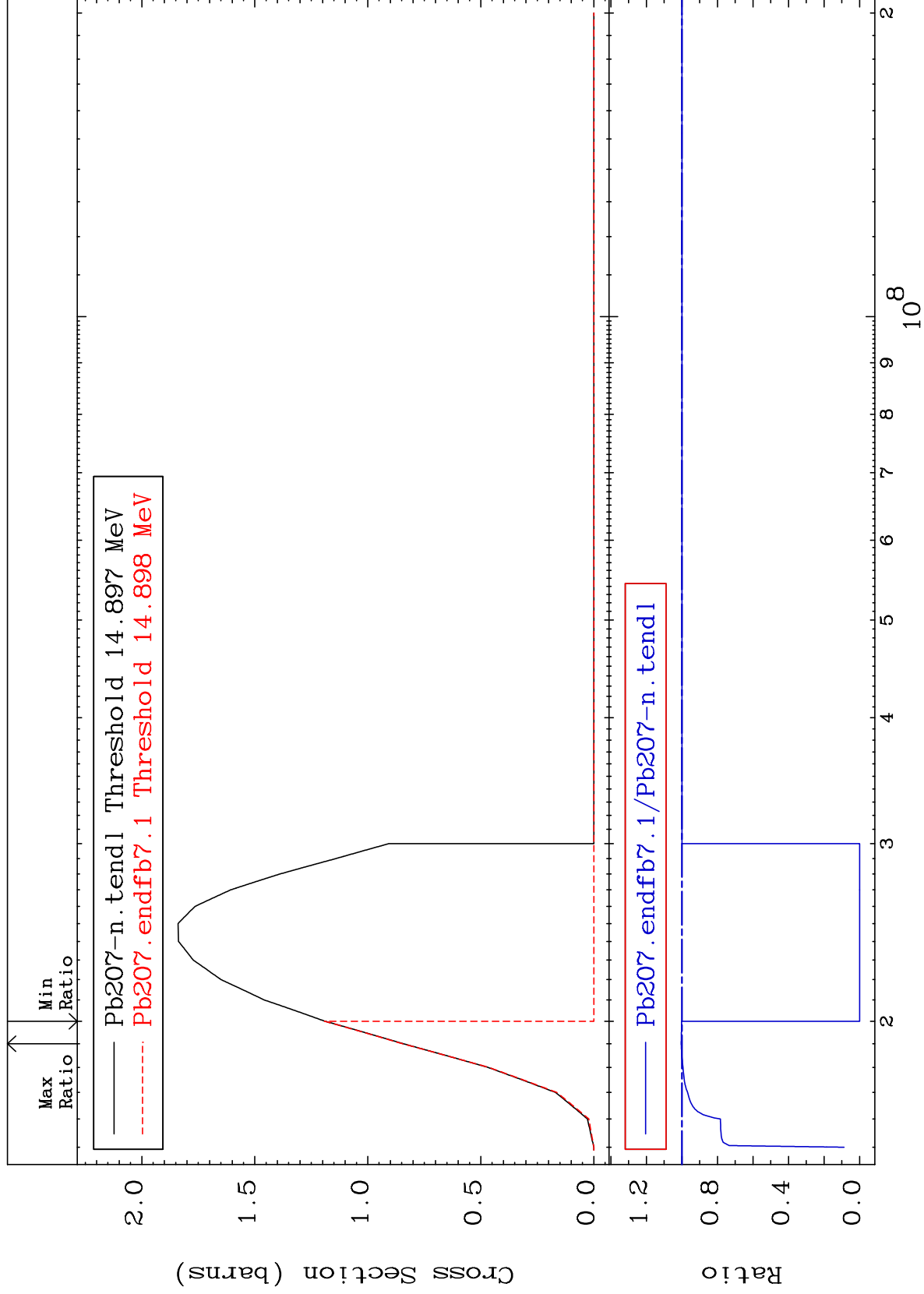


MAT 8234

(n,2n)
Cross Section

82-Pb-207
-100.0 To 20.92 %

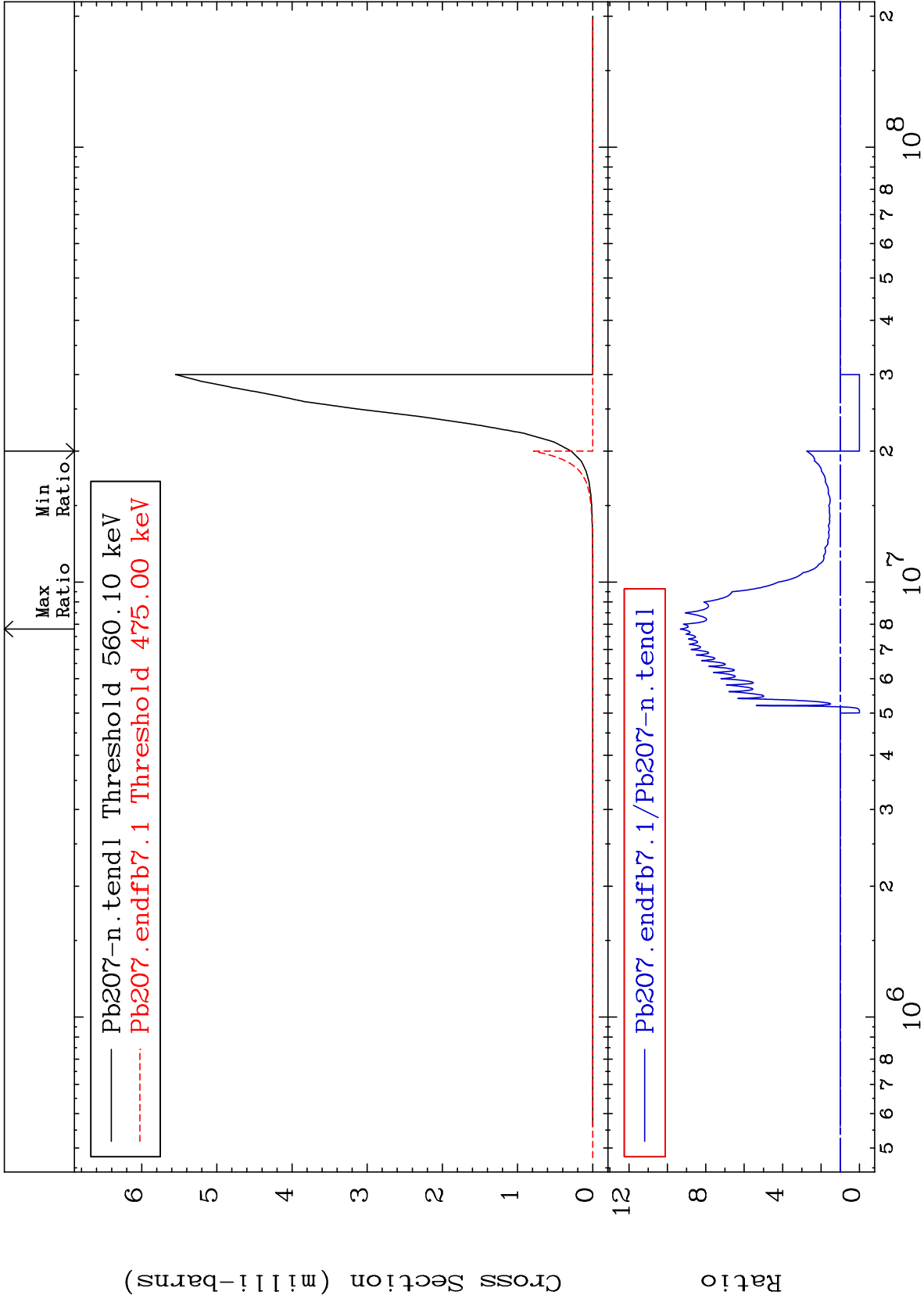




MAT 8234

(n, n') α
Cross Section

82-Pb-207
-100.0 To 832.6 %



7

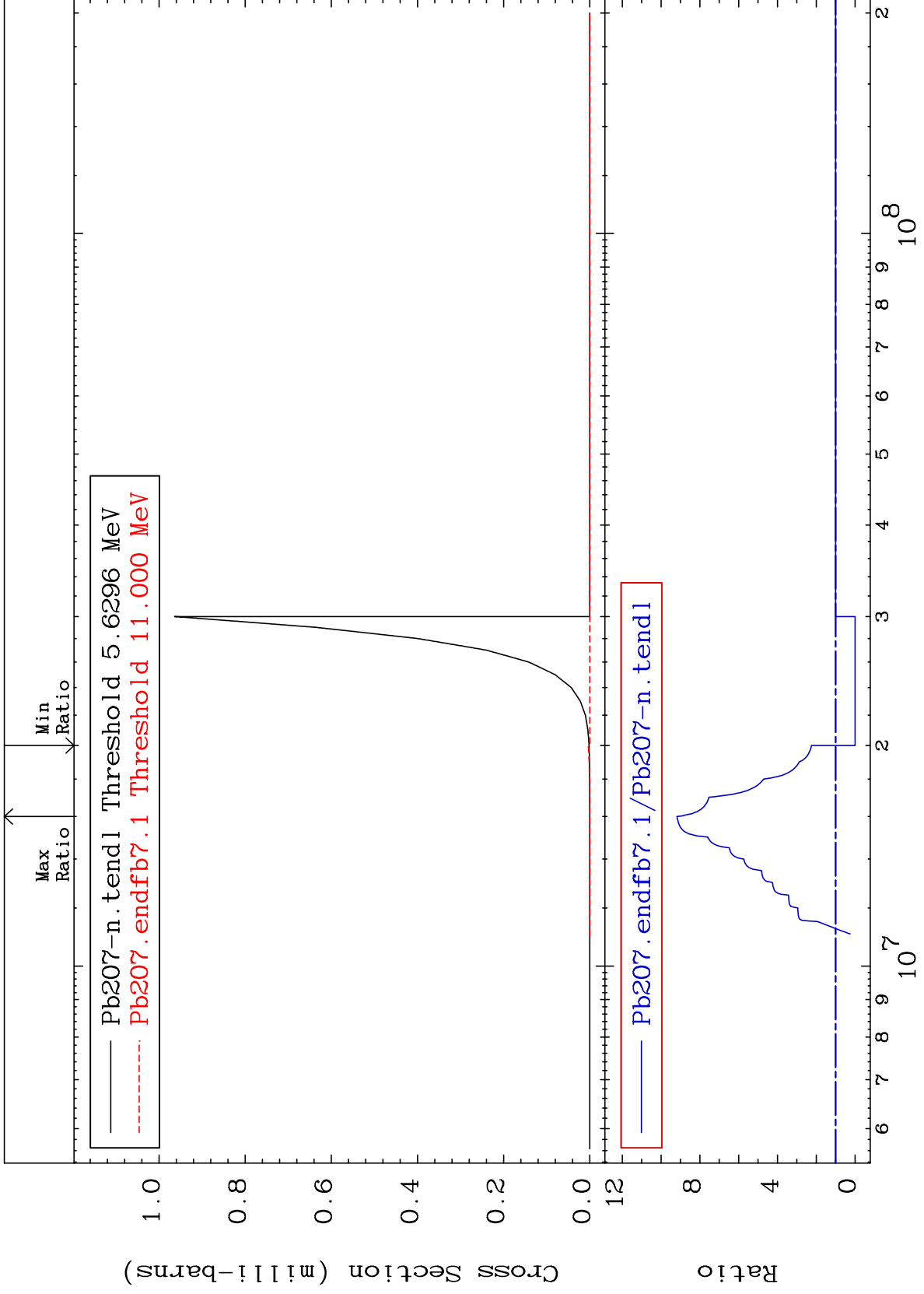
Incident Energy (eV)

82-Pb-207

MAT 8234

(n,2n) α
Cross Section

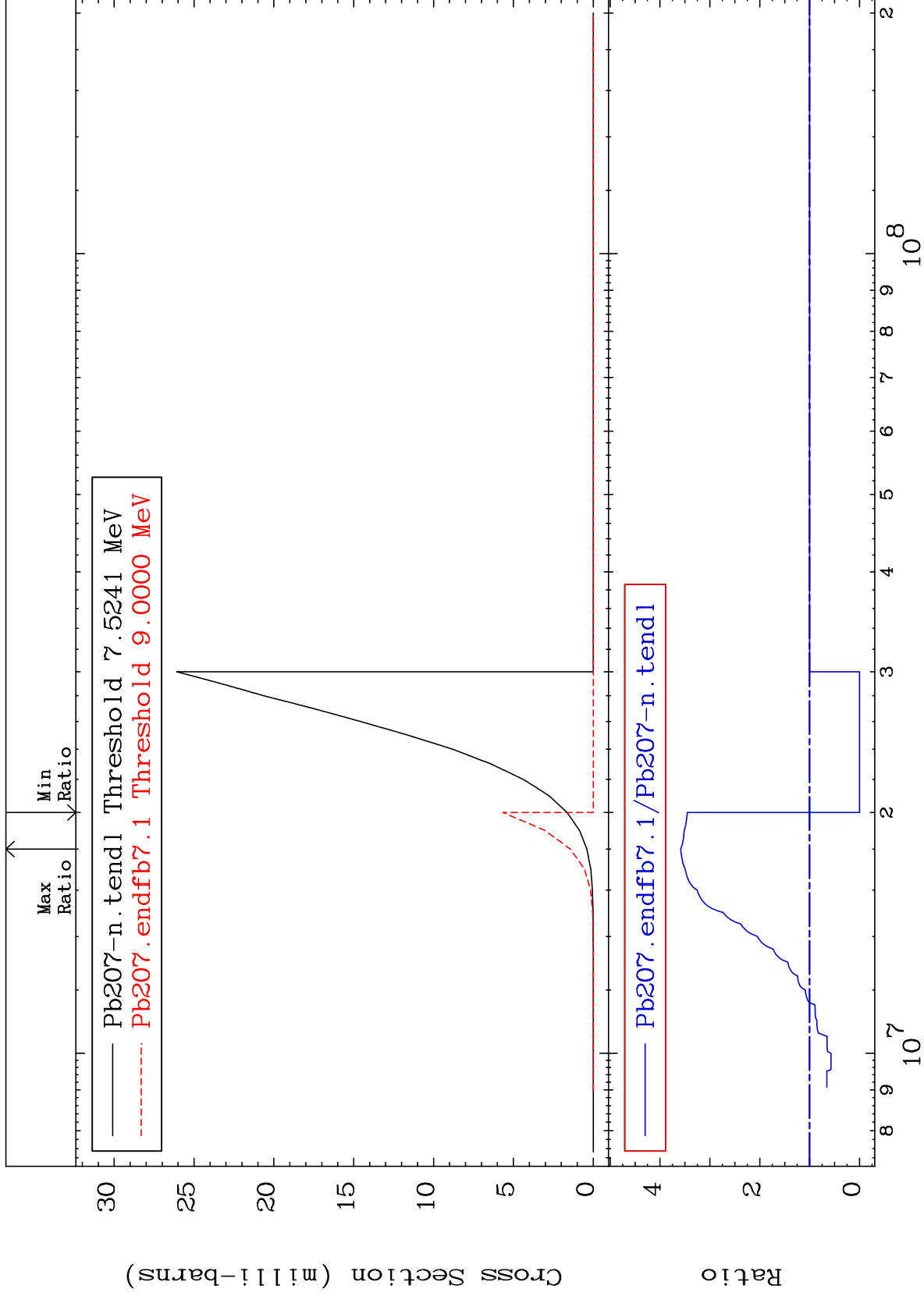
82-Pb-207
-100.0 To 818.3 %



MAT 8234

(n,n') p
Cross Section

82-Pb-207
-100.0 To 258.4 %



9

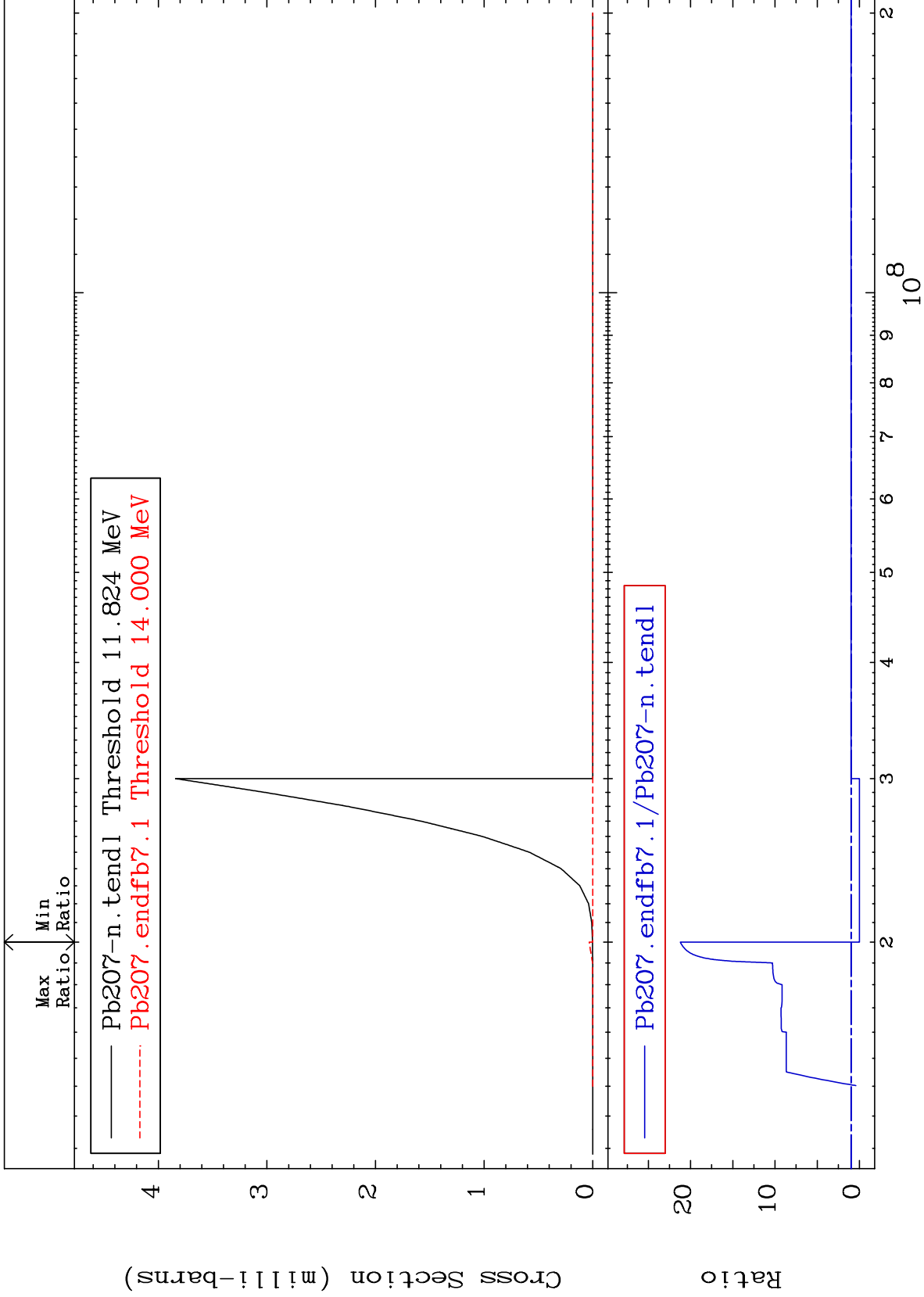
Incident Energy (eV)

82-Pb-207

MAT 8234

(n, n') d
Cross Section

82-Pb-207
-100.0 To 2021. %



10

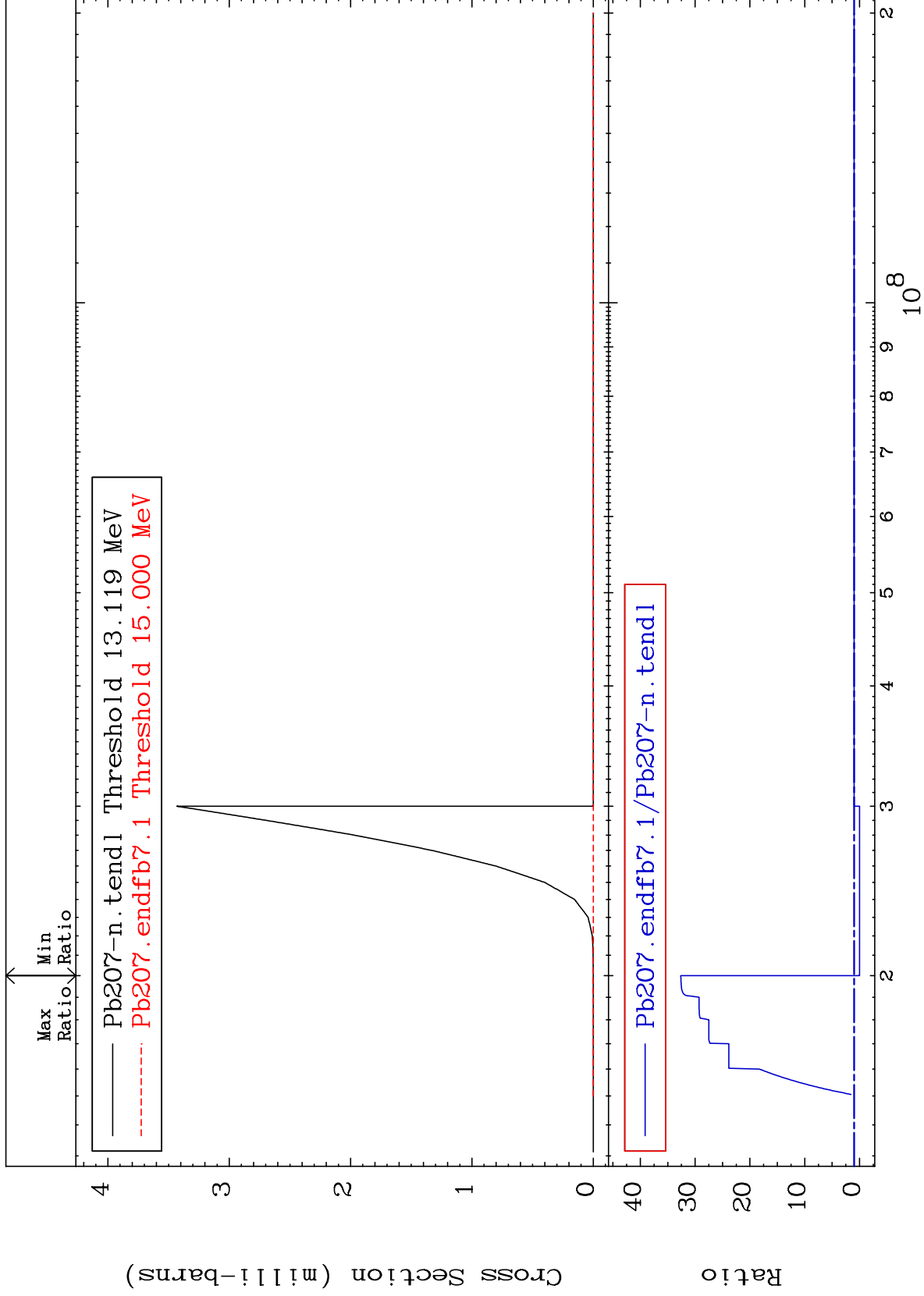
Incident Energy (eV)

82-Pb-207

MAT 8234

(n,n') t
Cross Section

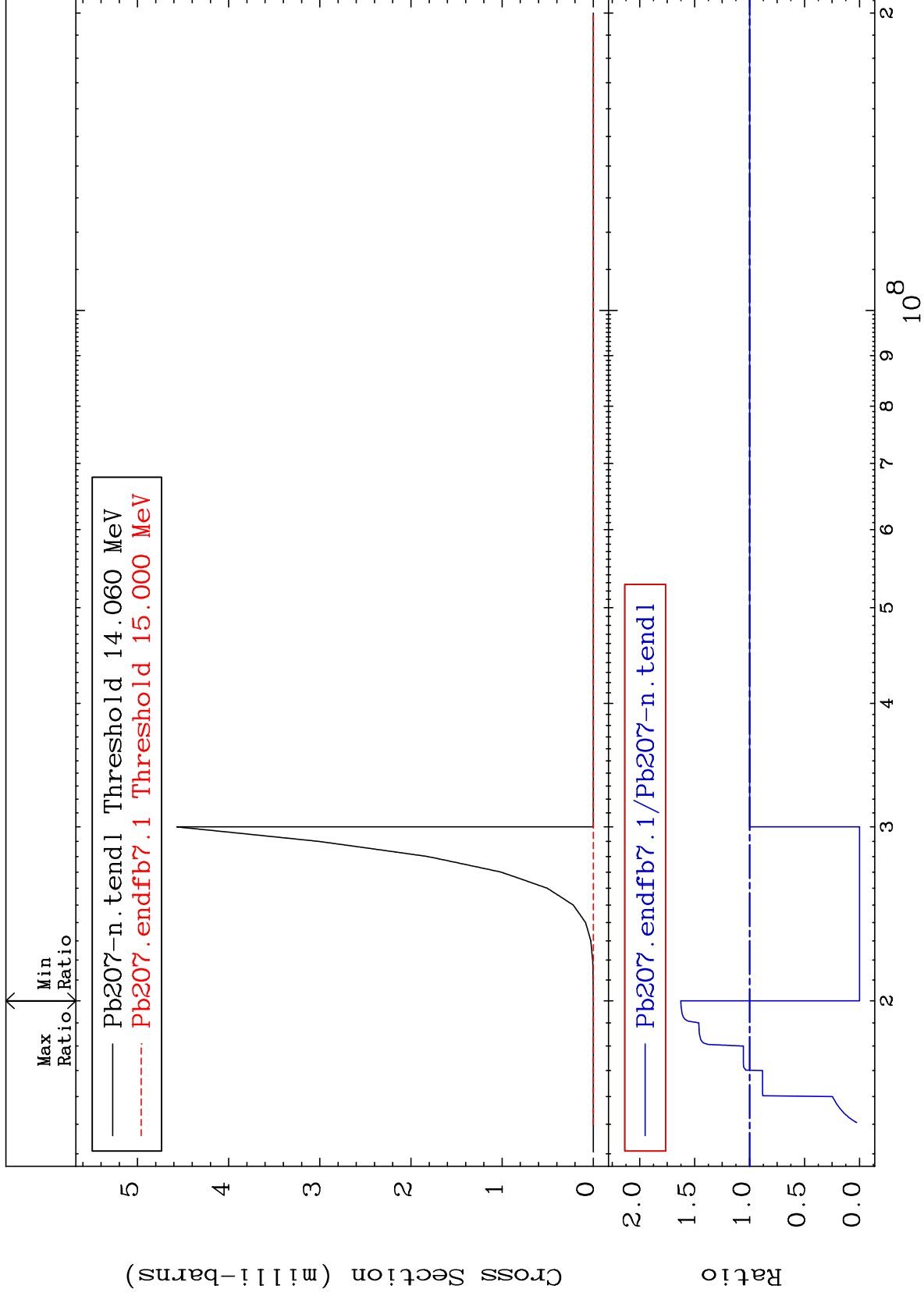
82-Pb-207
-100.0 To 3162. %



MAT 8234

(n,2n) p
Cross Section

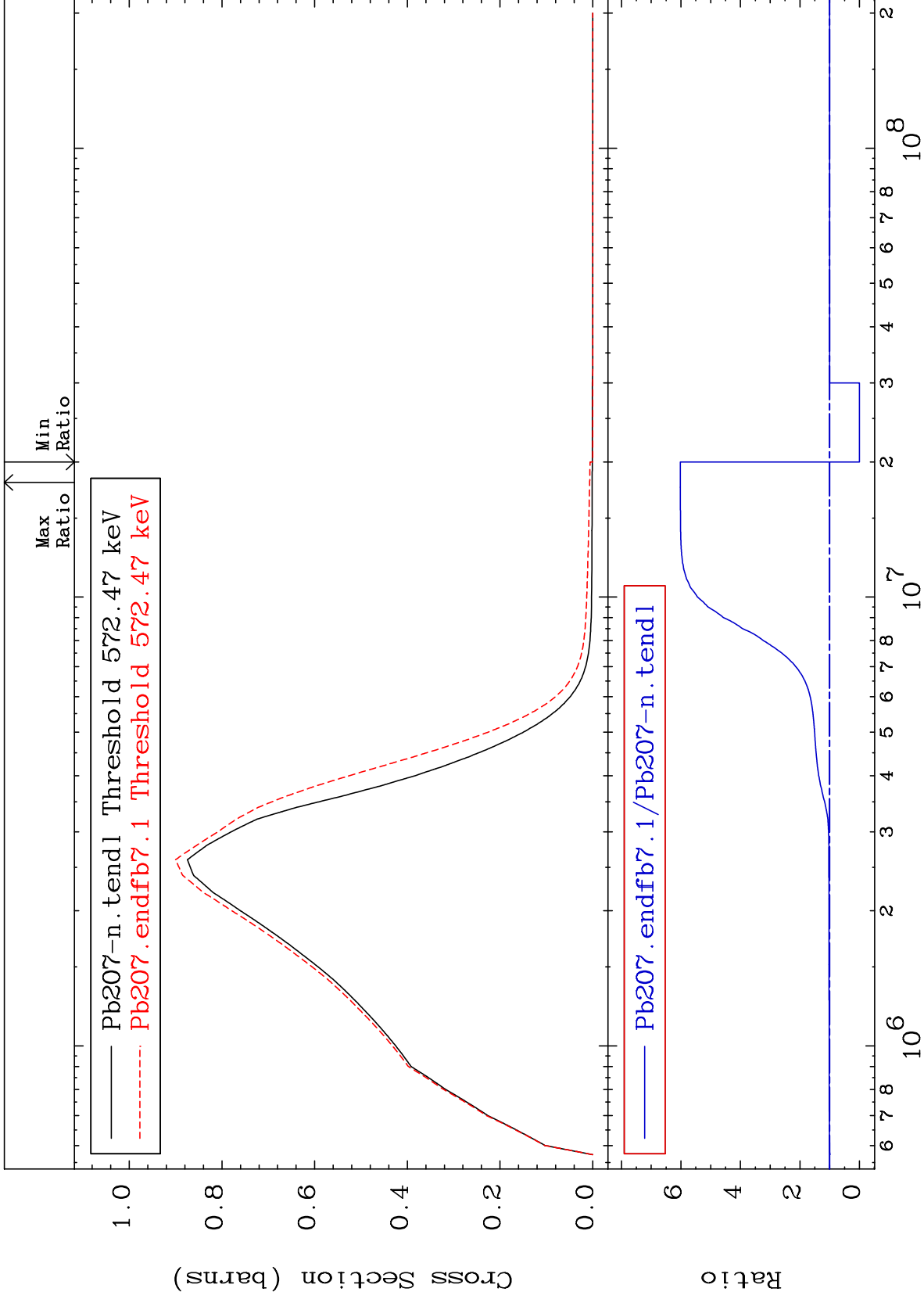
82-Pb-207
-100.0 To 62.58 %



MAT 8234

569.7 keV (n,n') Level
Cross Section

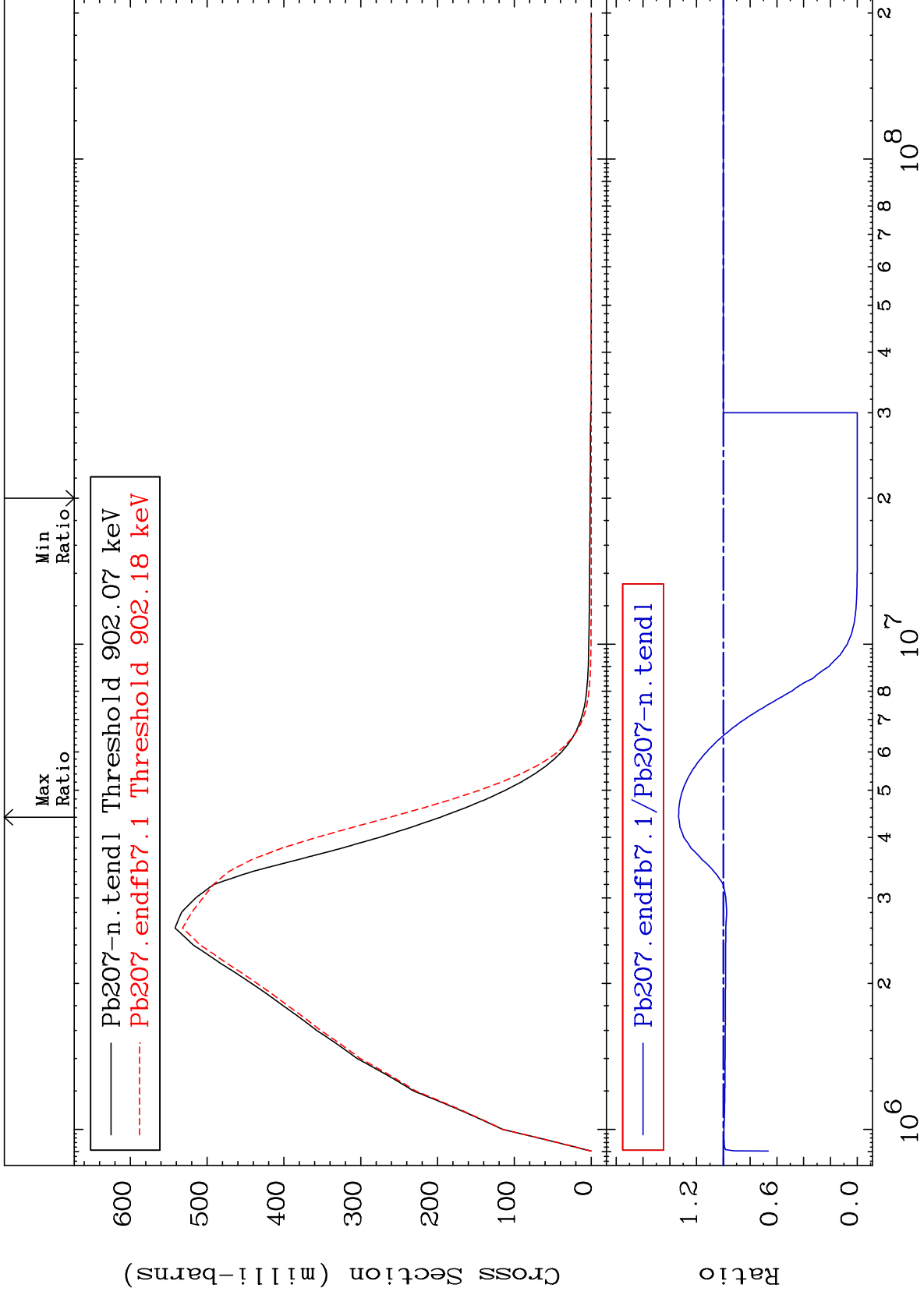
82-Pb-207
-100.0 To 501.9 %



MAT 8234

897.7 keV (n,n') Level
Cross Section

82-Pb-207
-100.0 To 33.37 %



14

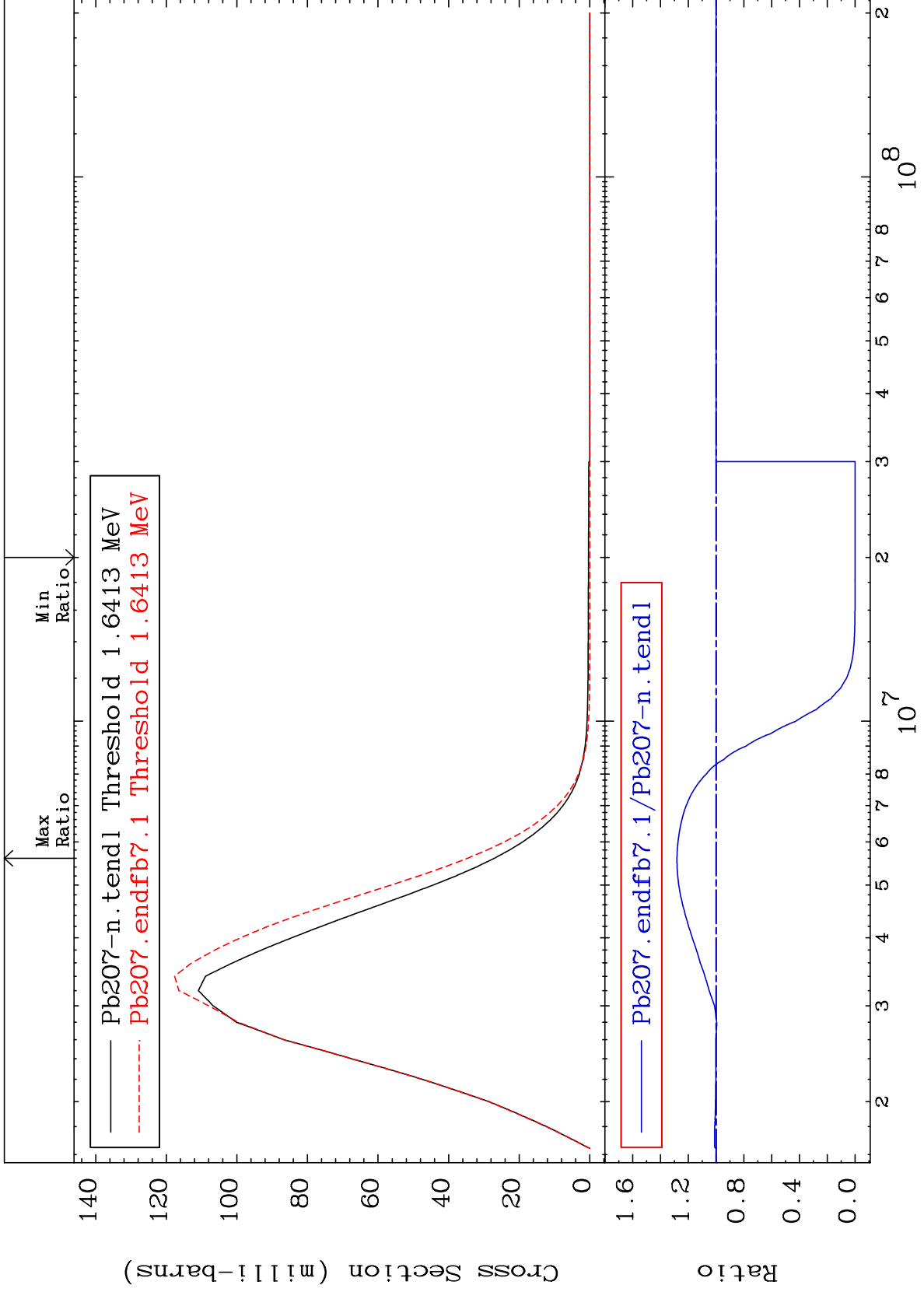
Incident Energy (eV)

82-Pb-207

MAT 8234

1.633 MeV (n,n') Level
Cross Section

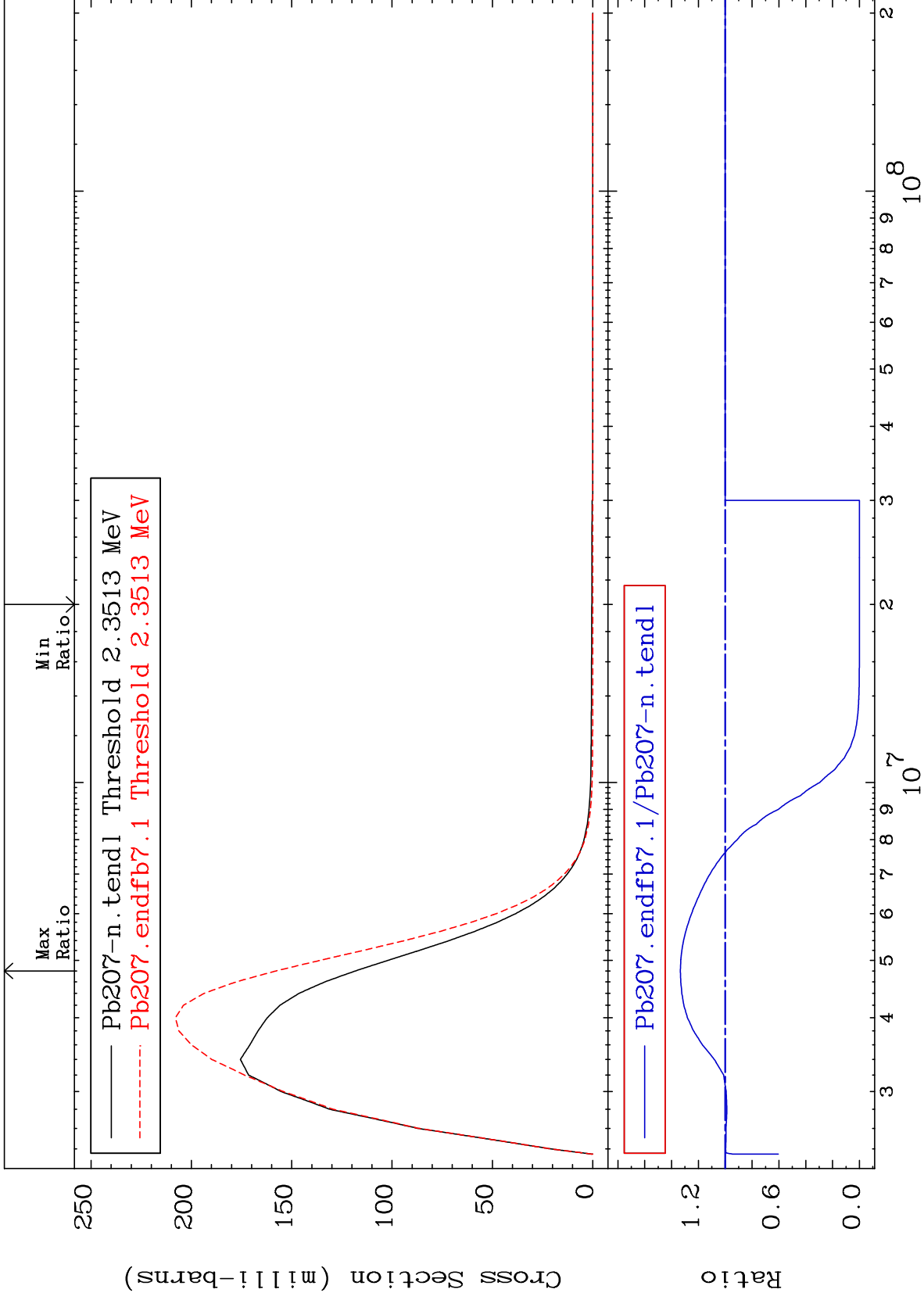
82-Pb-207
-100.0 To 28.18 %



MAT 8234

2.340 MeV (n,n') Level
Cross Section

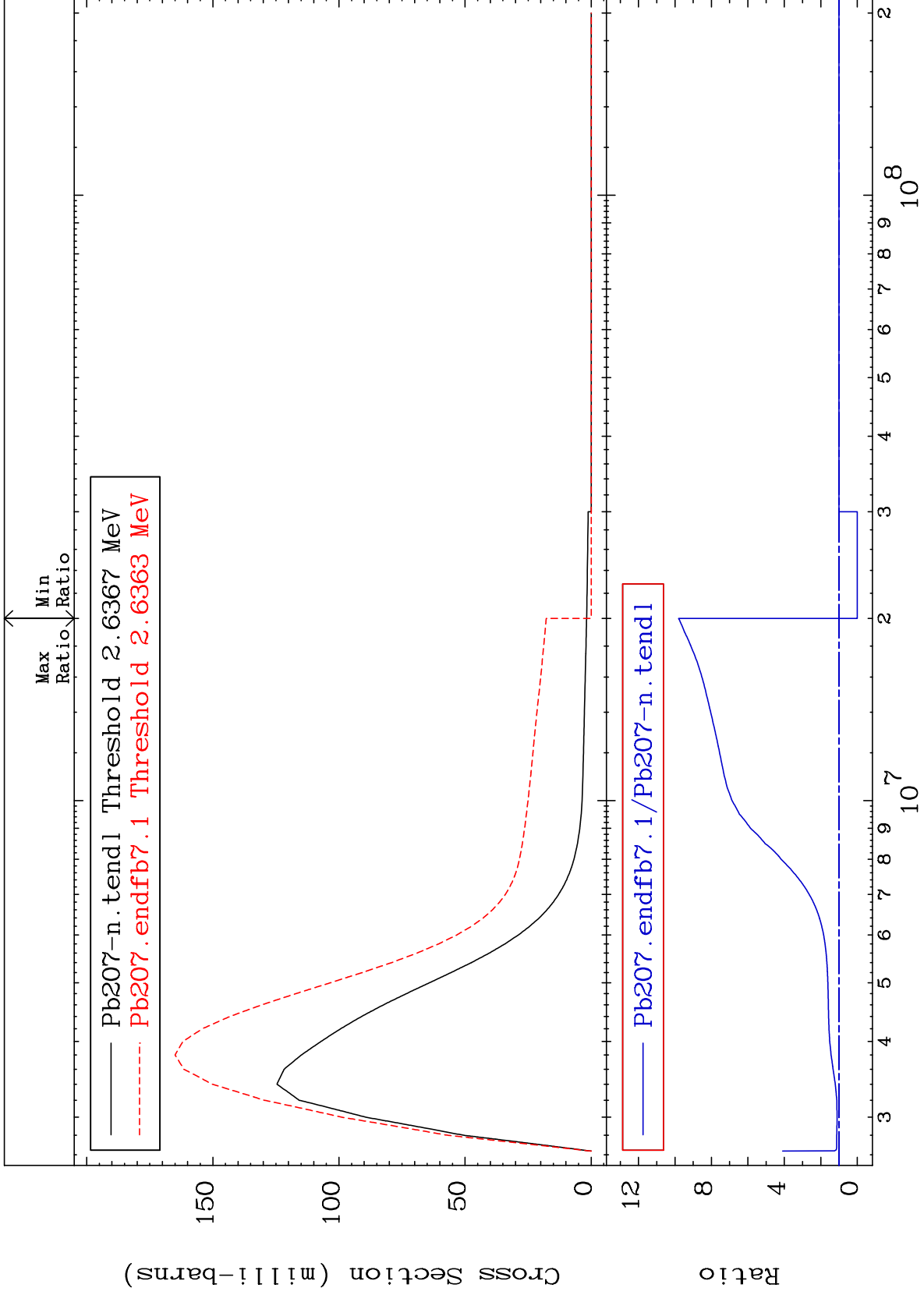
82-Pb-207
-100.0 To 33.44 %



MAT 8234

2.624 MeV (n,n') Level
Cross Section

82-Pb-207
-100.0 To 879.8 %



17

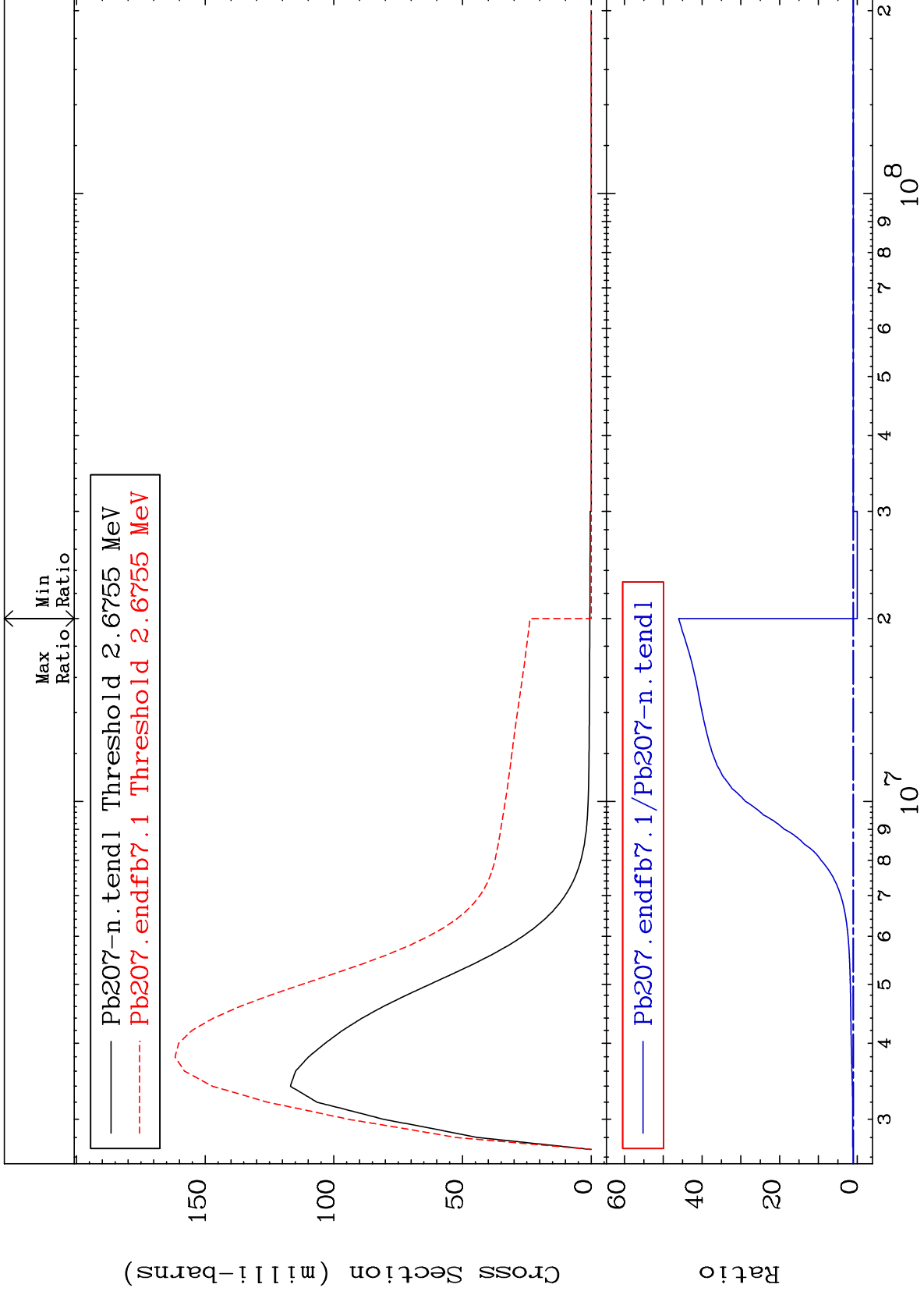
Incident Energy (eV)

82-Pb-207

MAT 8234

2.662 MeV (n,n') Level
Cross Section

82-Pb-207
-100.0 To 4503. %



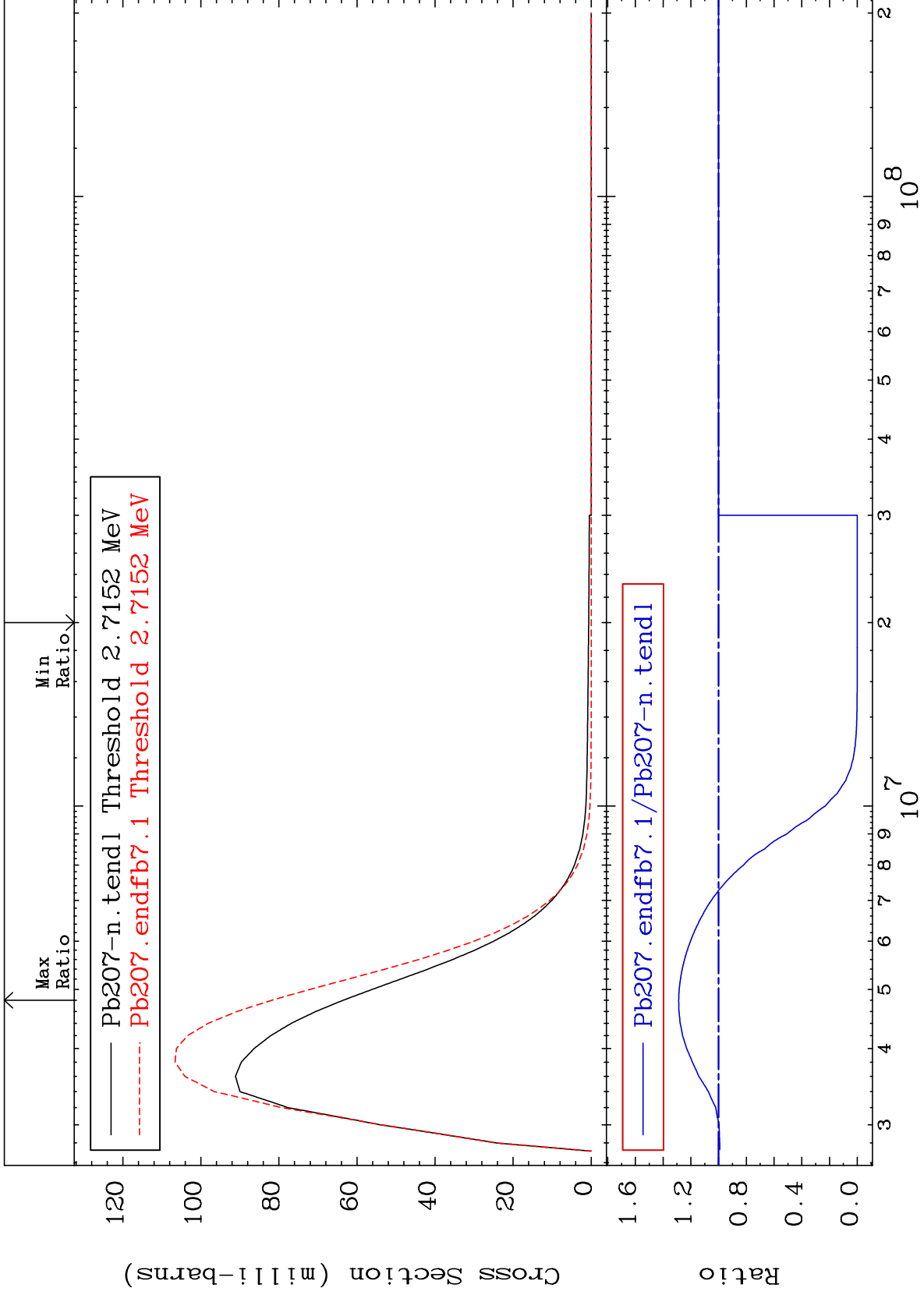
18

82-Pb-207

MAT 8234

2.702 MeV (n,n') Level
Cross Section

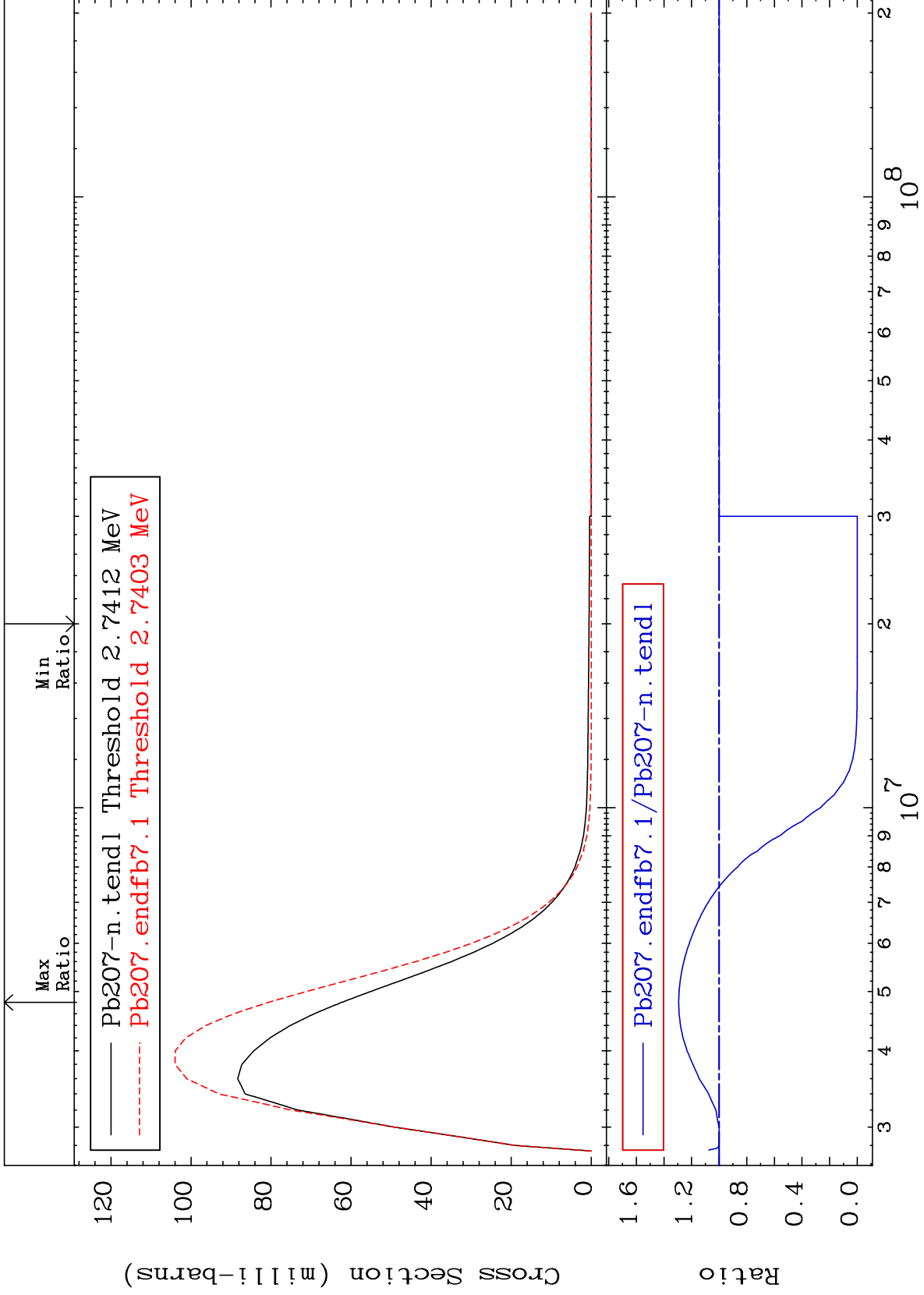
82-Pb-207
-100.0 To 28.81 %



MAT 8234

2.728 MeV (n,n') Level
Cross Section

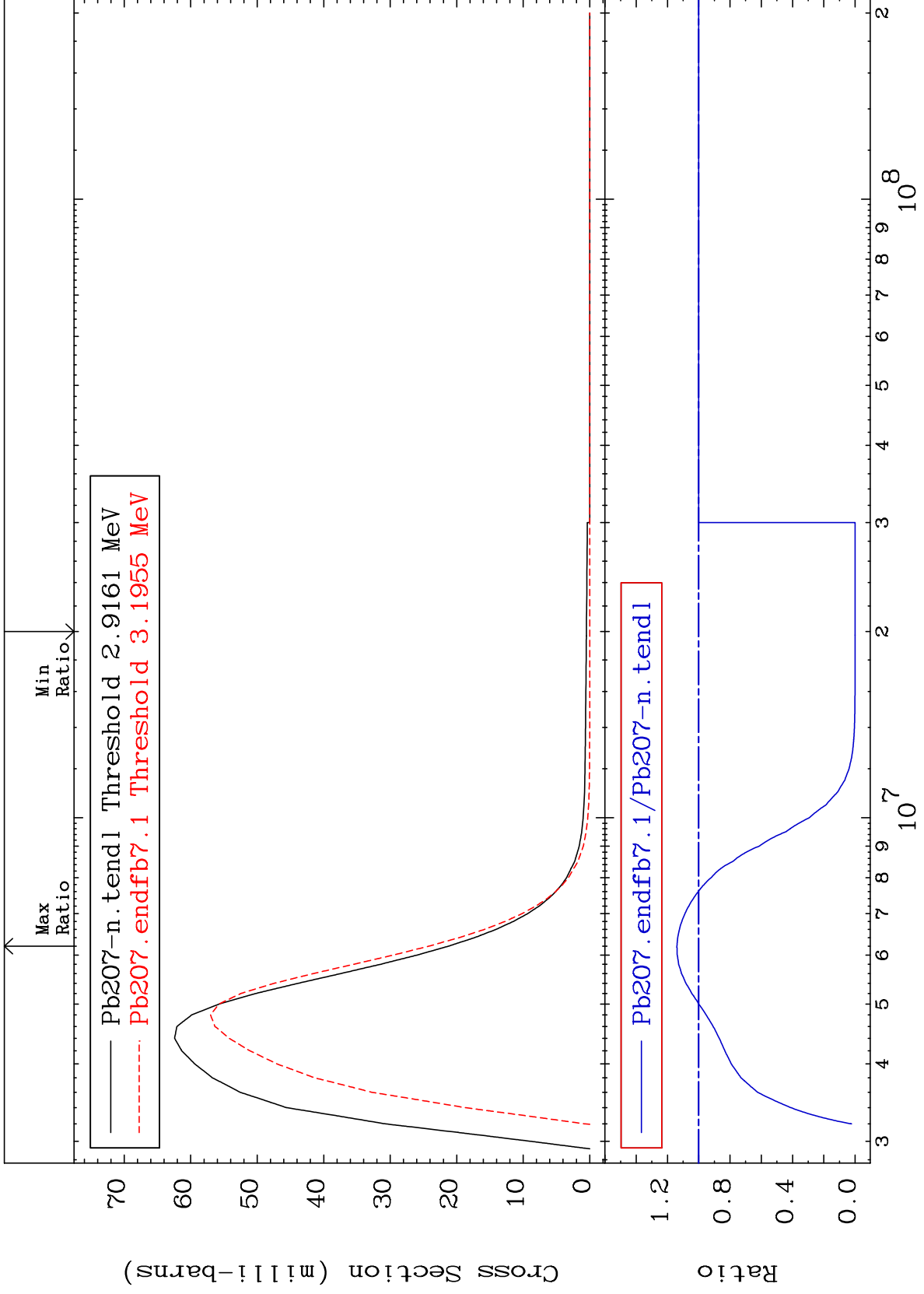
82-Pb-207
-100.0 To 29.35 %



MAT 8234

2.902 MeV (n,n') Level
Cross Section

82-Pb-207
-100.0 To 13.96 %



21

Incident Energy (eV)

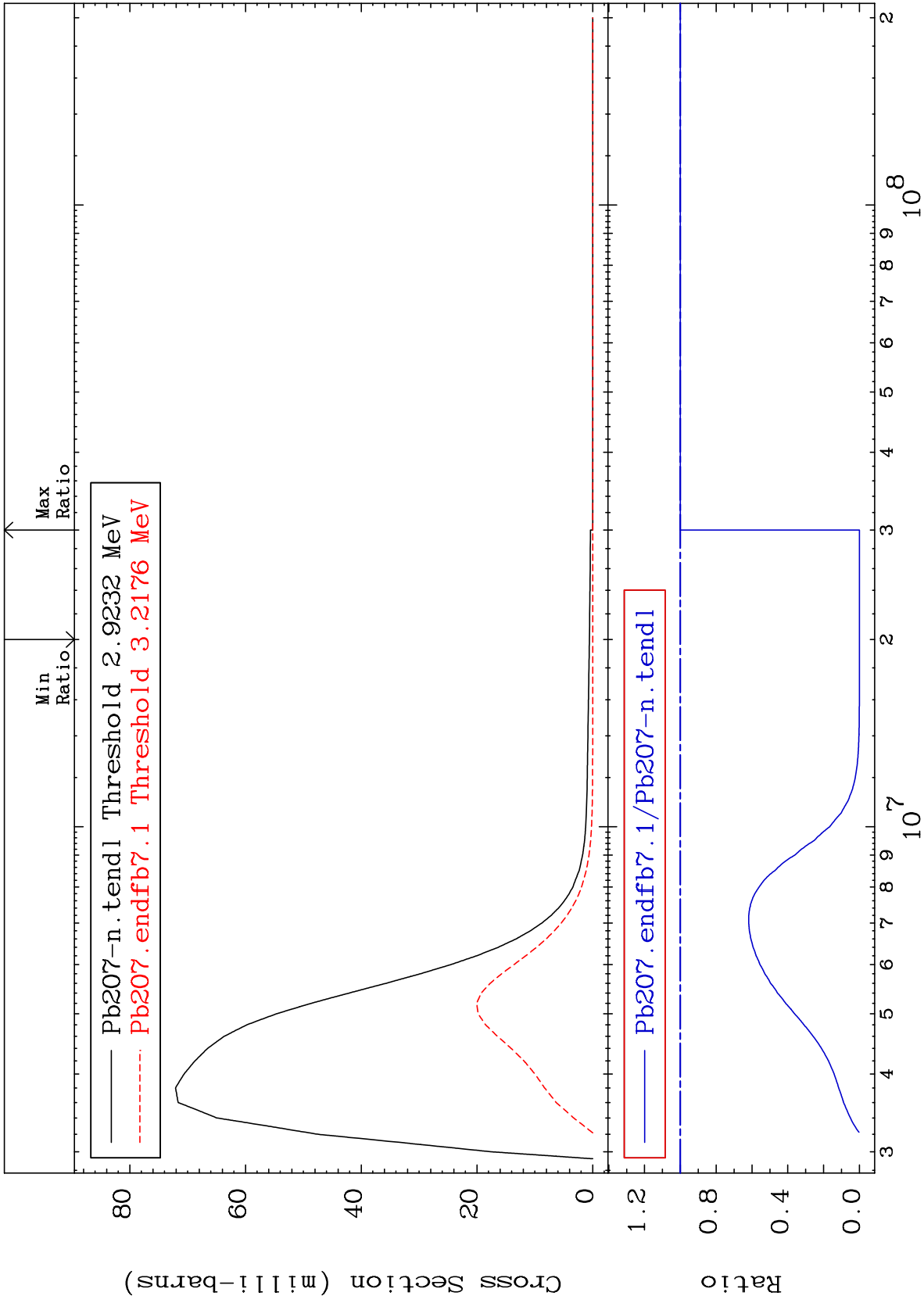
82-Pb-207

MAT 8234

2.909 MeV (n,n') Level

82-Pb-207

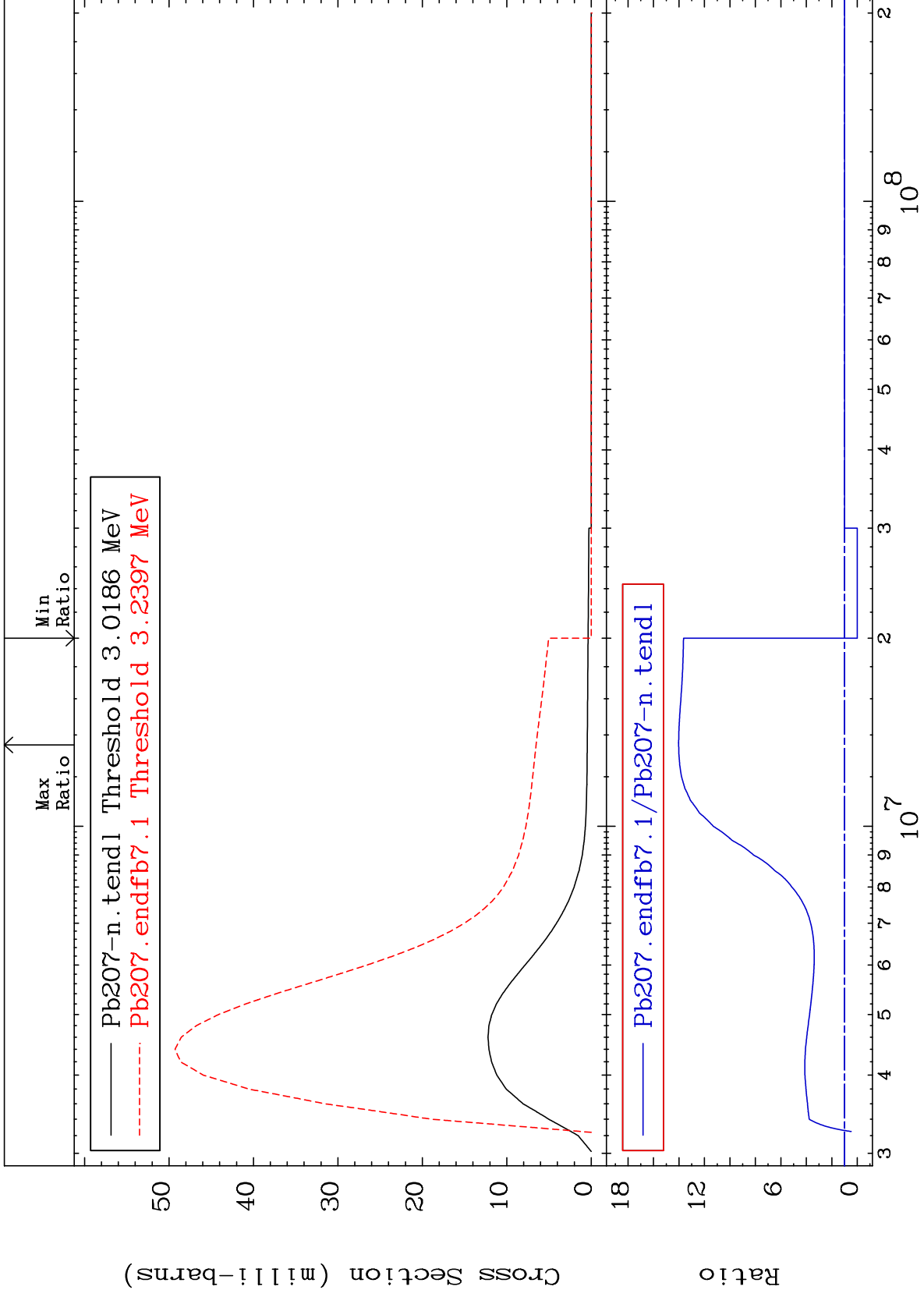
-100.0 To 0.000 %



MAT 8234

3.004 MeV (n,n') Level
Cross Section

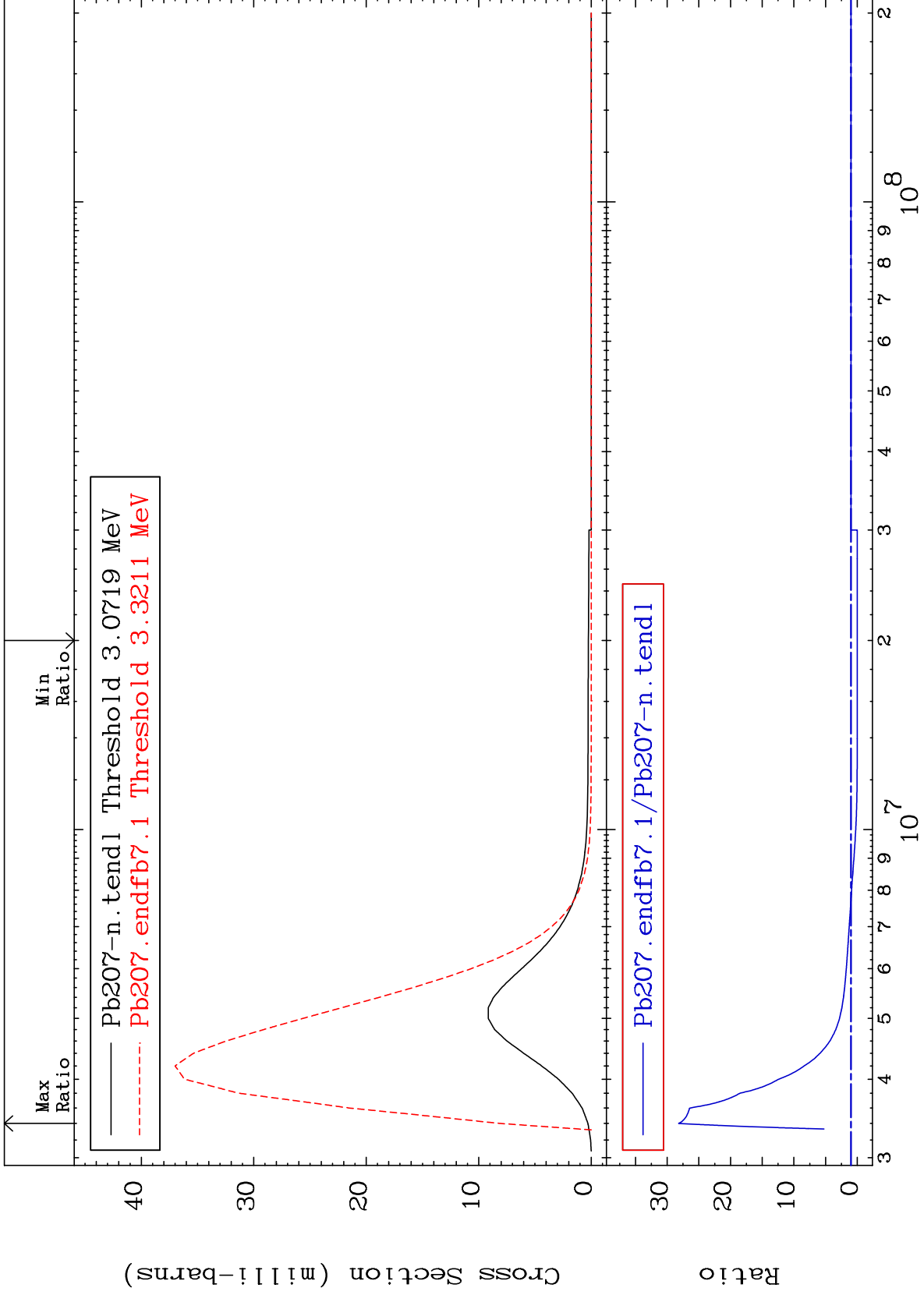
82-Pb-207
-100.0 To 1303. %



MAT 8234

3.057 MeV (n,n') Level
Cross Section

82-Pb-207
-100.0 To 2719. %

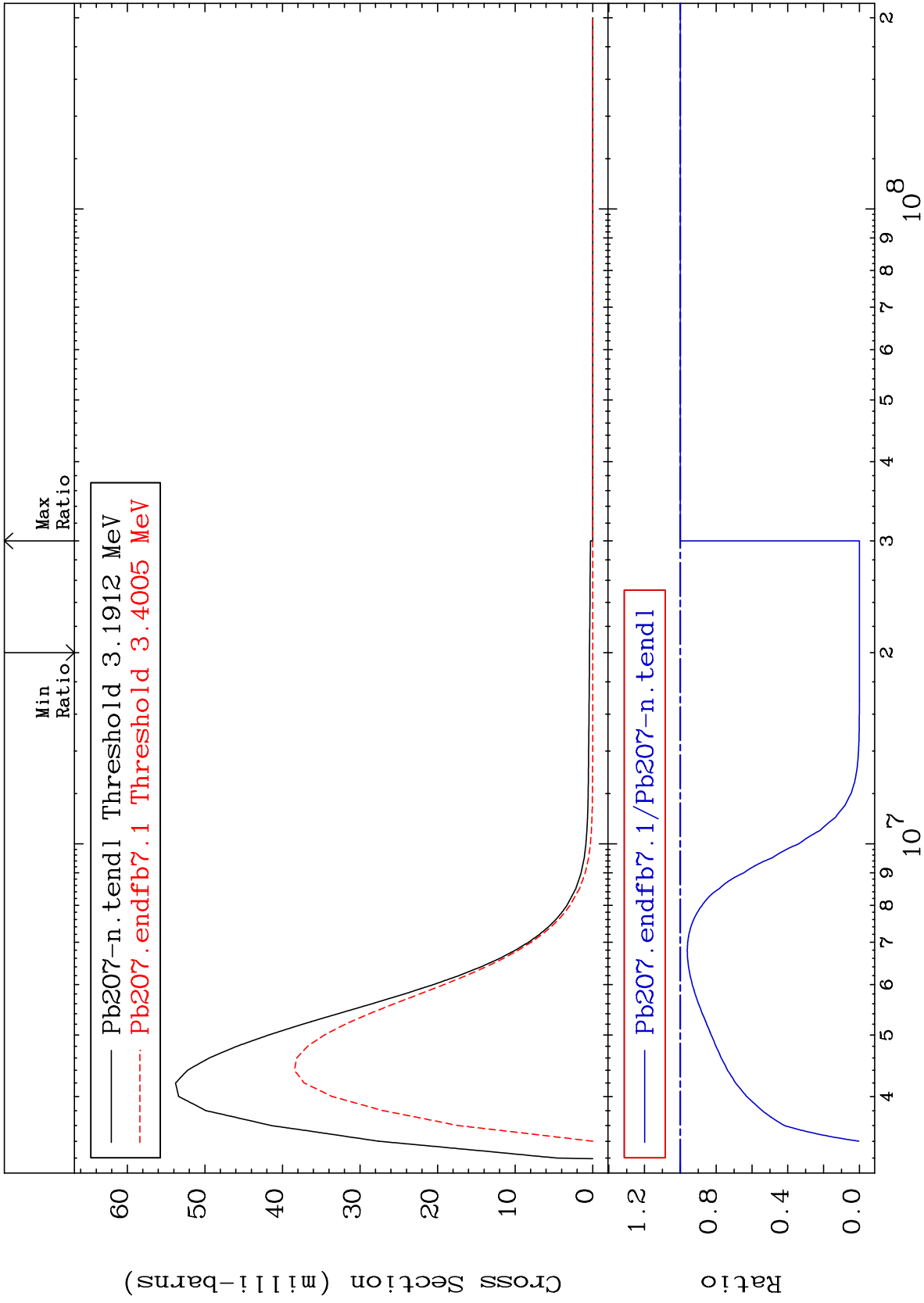


MAT 8234

3.176 MeV (n,n') Level

82-Pb-207

-100.0 To 0.000 %



25

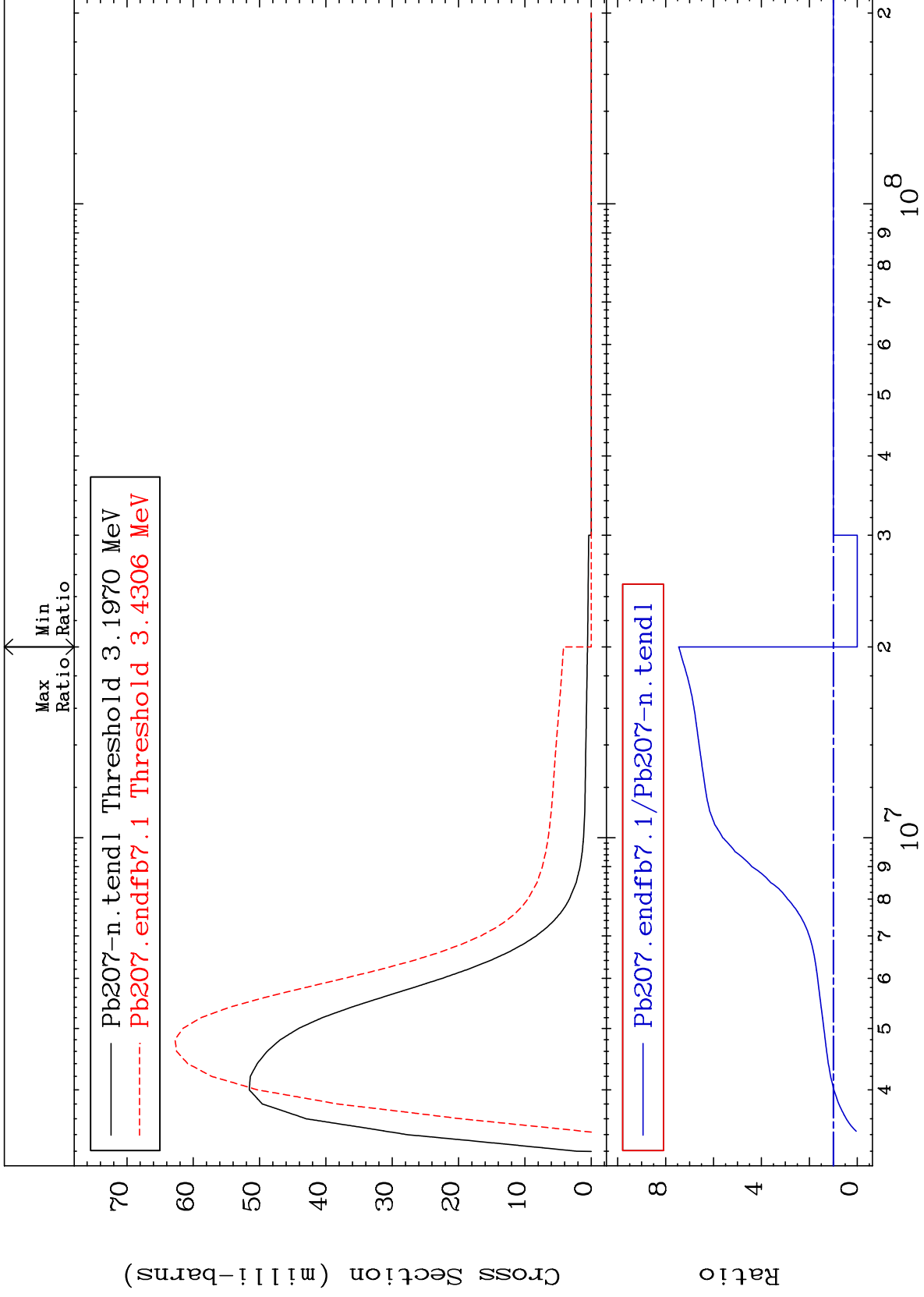
Incident Energy (eV)

82-Pb-207

MAT 8234

3.181 MeV (n,n') Level
Cross Section

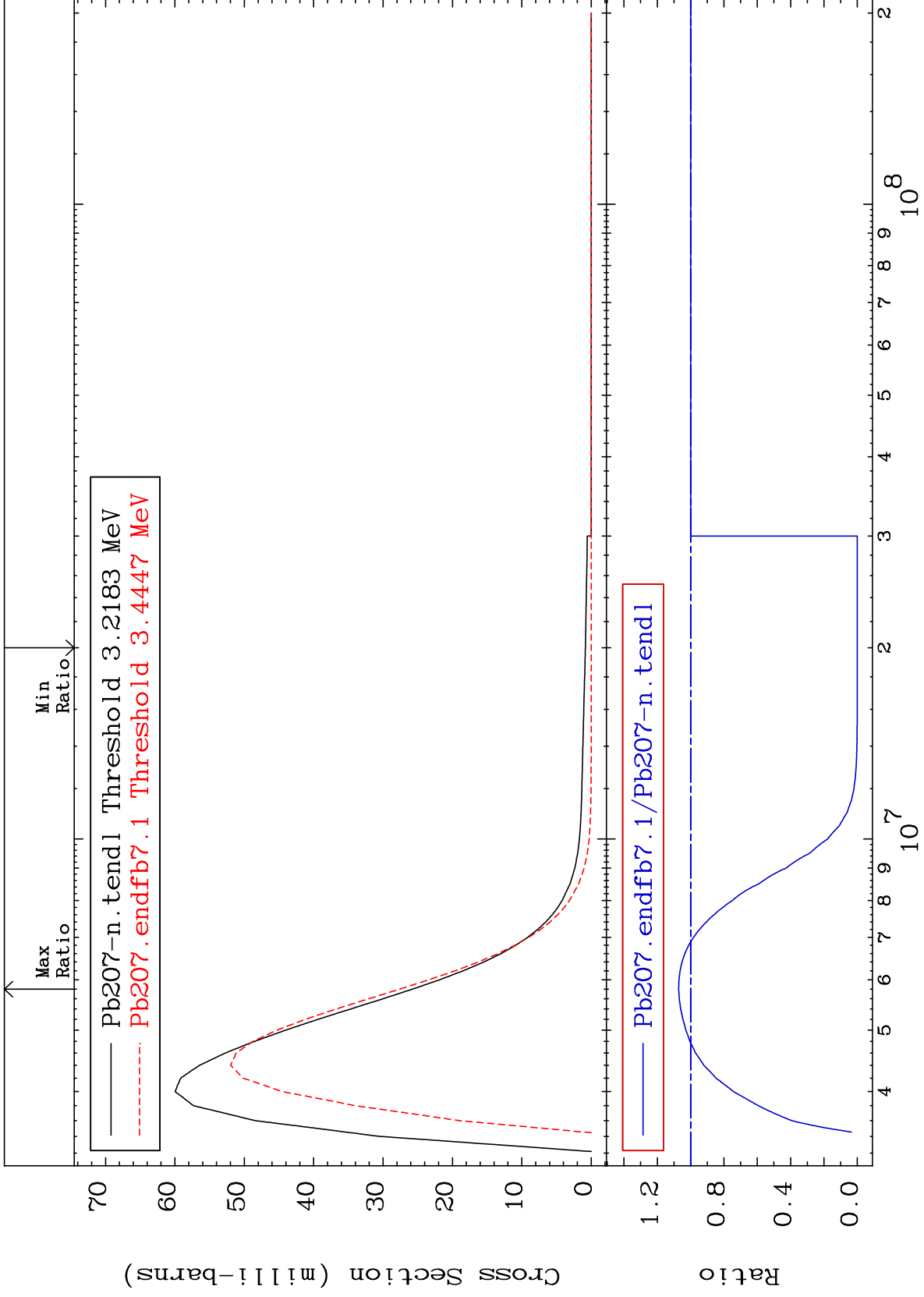
82-Pb-207
-100.0 To 645.6 %



MAT 8234

3.203 MeV (n,n') Level
Cross Section

82-Pb-207
-100.0 To 7.186 %



27

Incident Energy (eV)

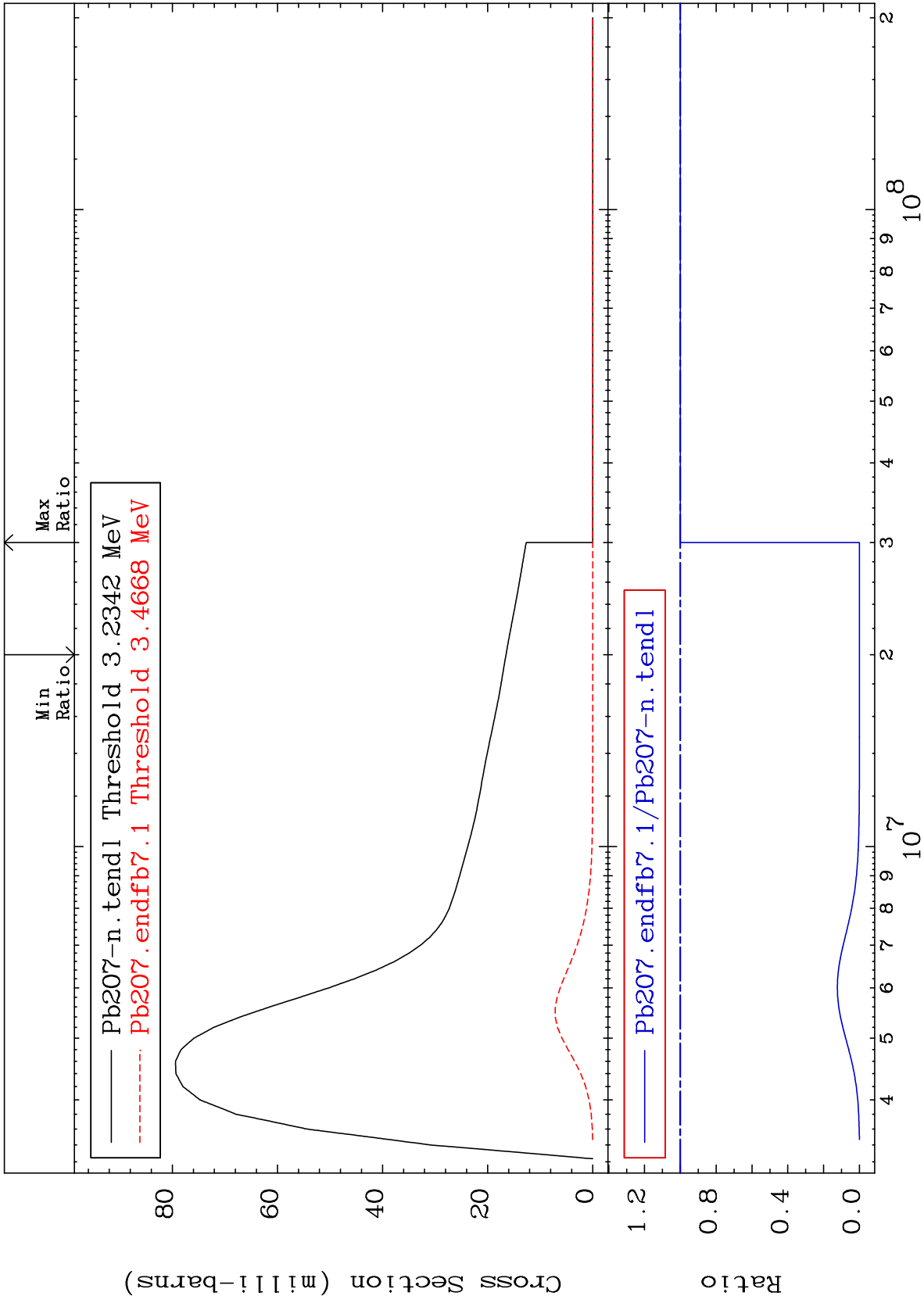
82-Pb-207

MAT 8234

3.218 MeV (n,n') Level

82-Pb-207

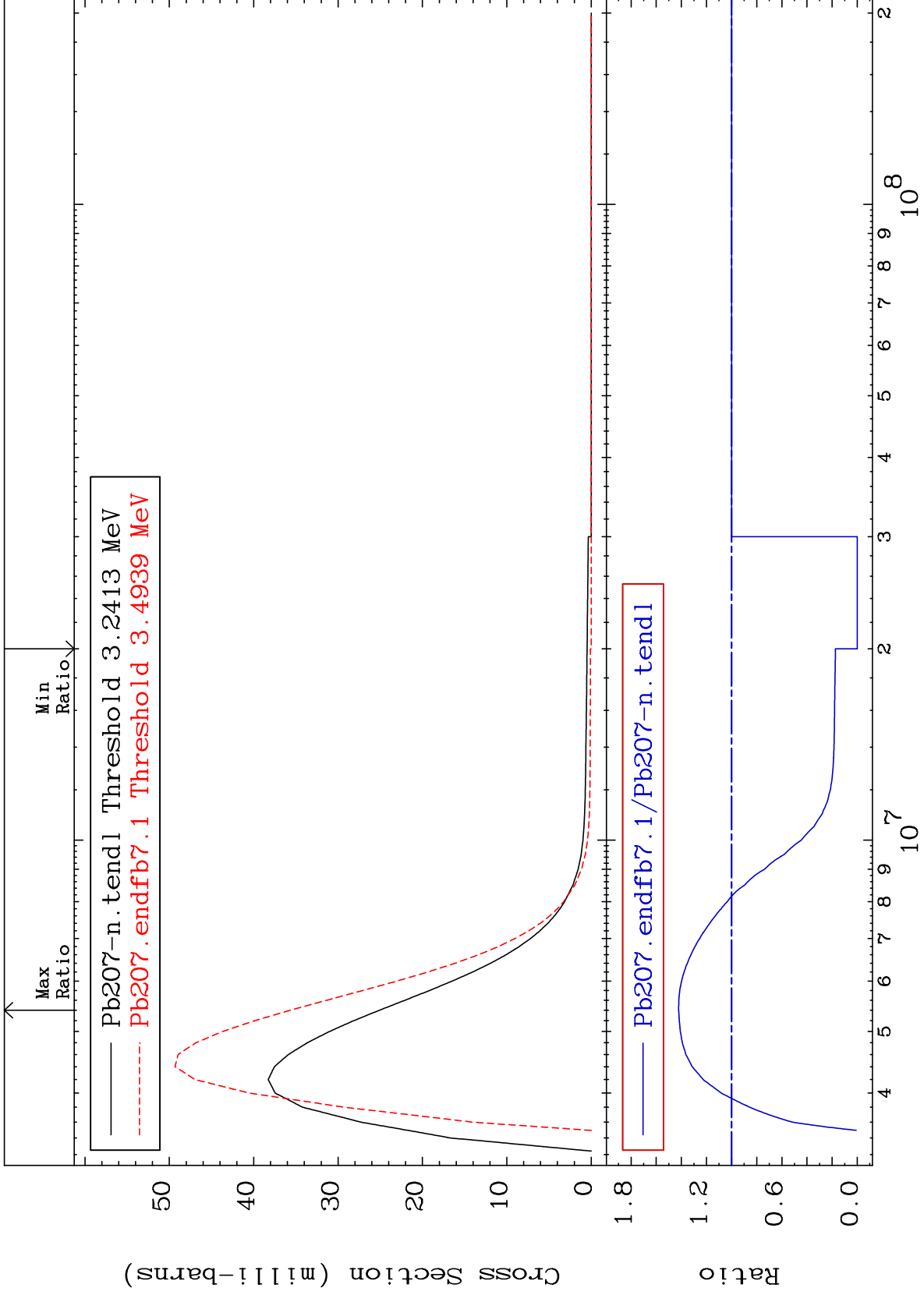
-100.0 To 0.000 %



MAT 8234

3.226 MeV (n,n') Level
Cross Section

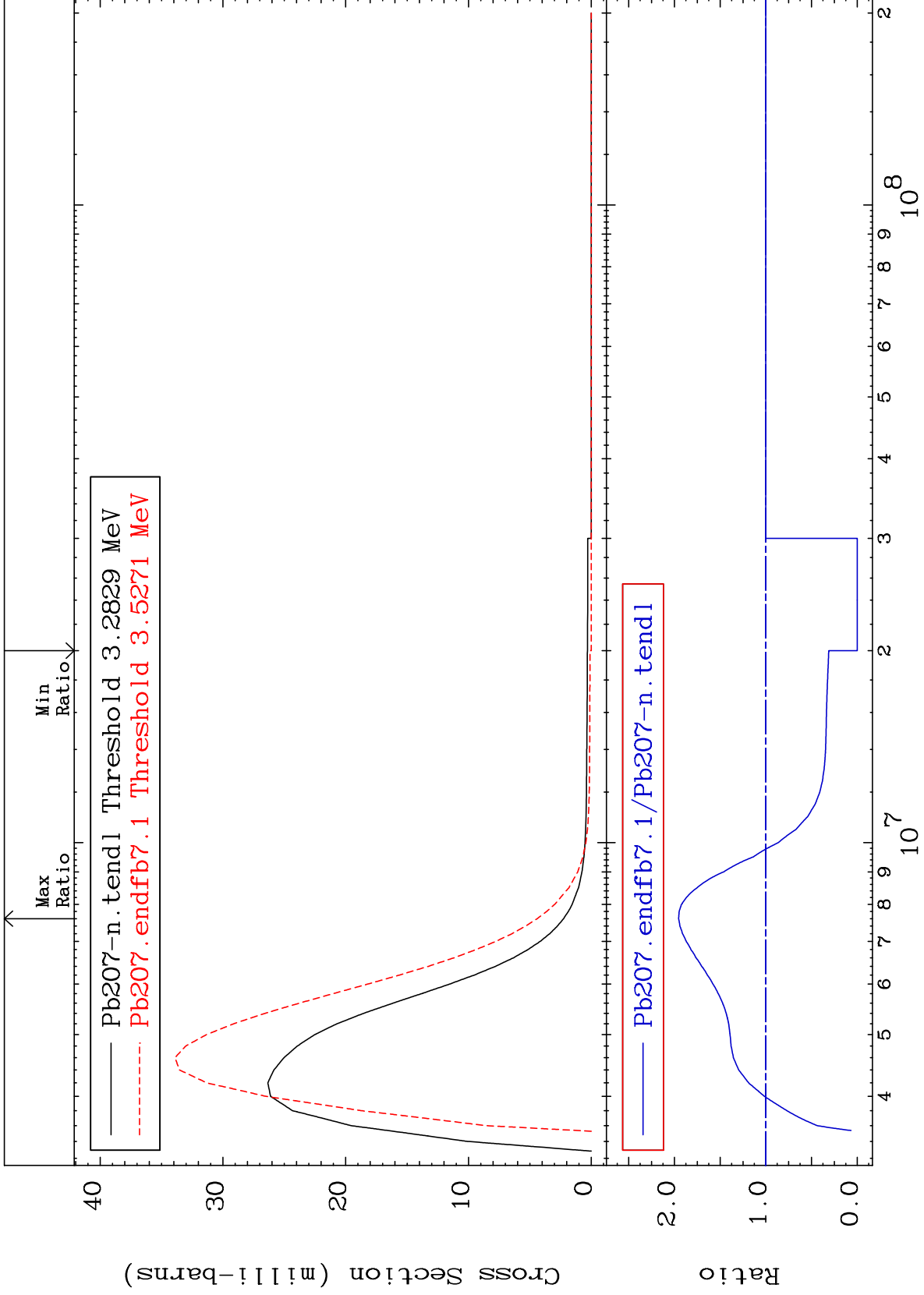
82-Pb-207
-100.0 To 42.16 %



MAT 8234

3.267 MeV (n,n') Level
Cross Section

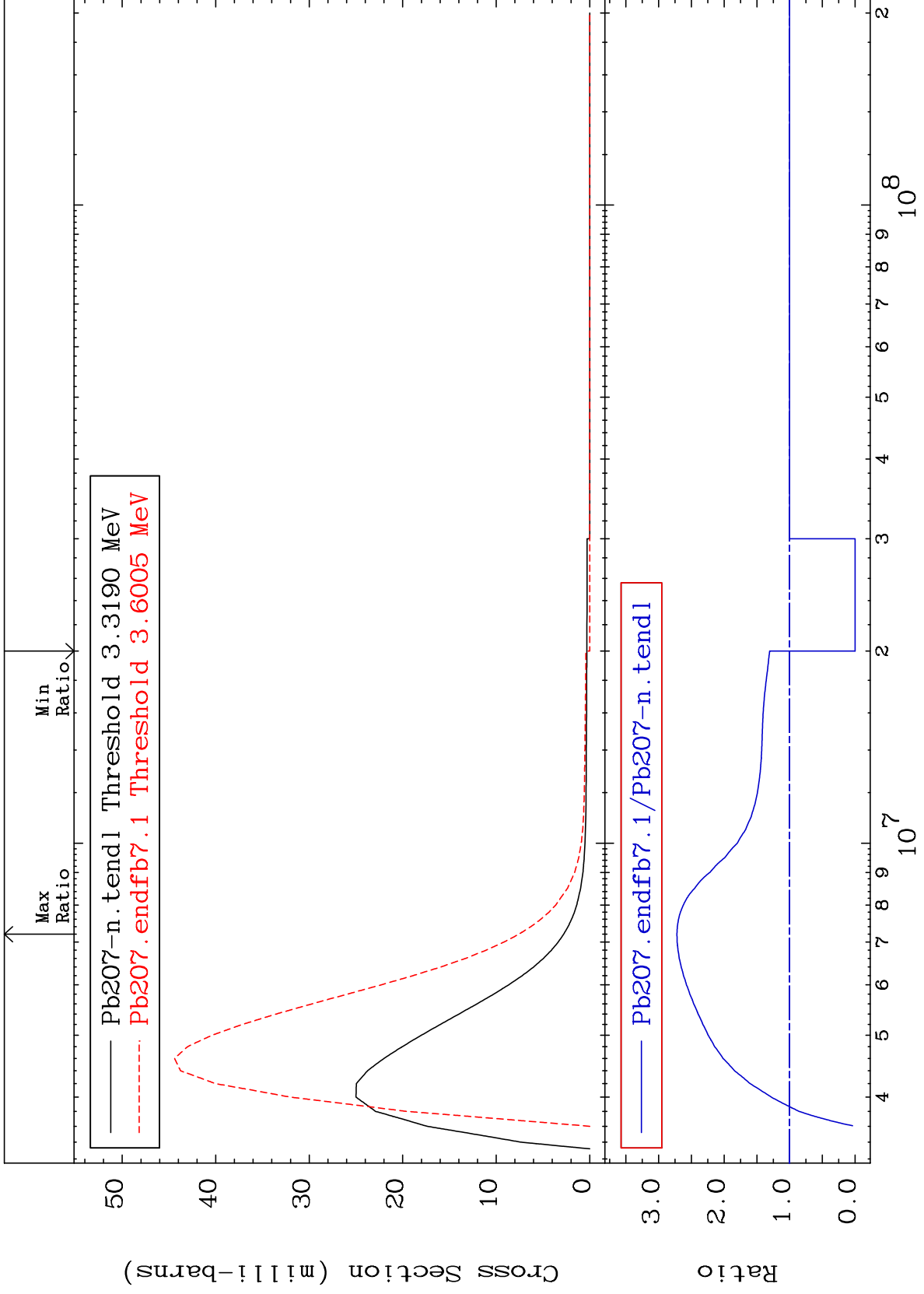
82-Pb-207
-100.0 To 95.36 %



MAT 8234

3.303 MeV (n,n') Level
Cross Section

82-Pb-207
-100.0 To 172.1 %



31

Incident Energy (eV)

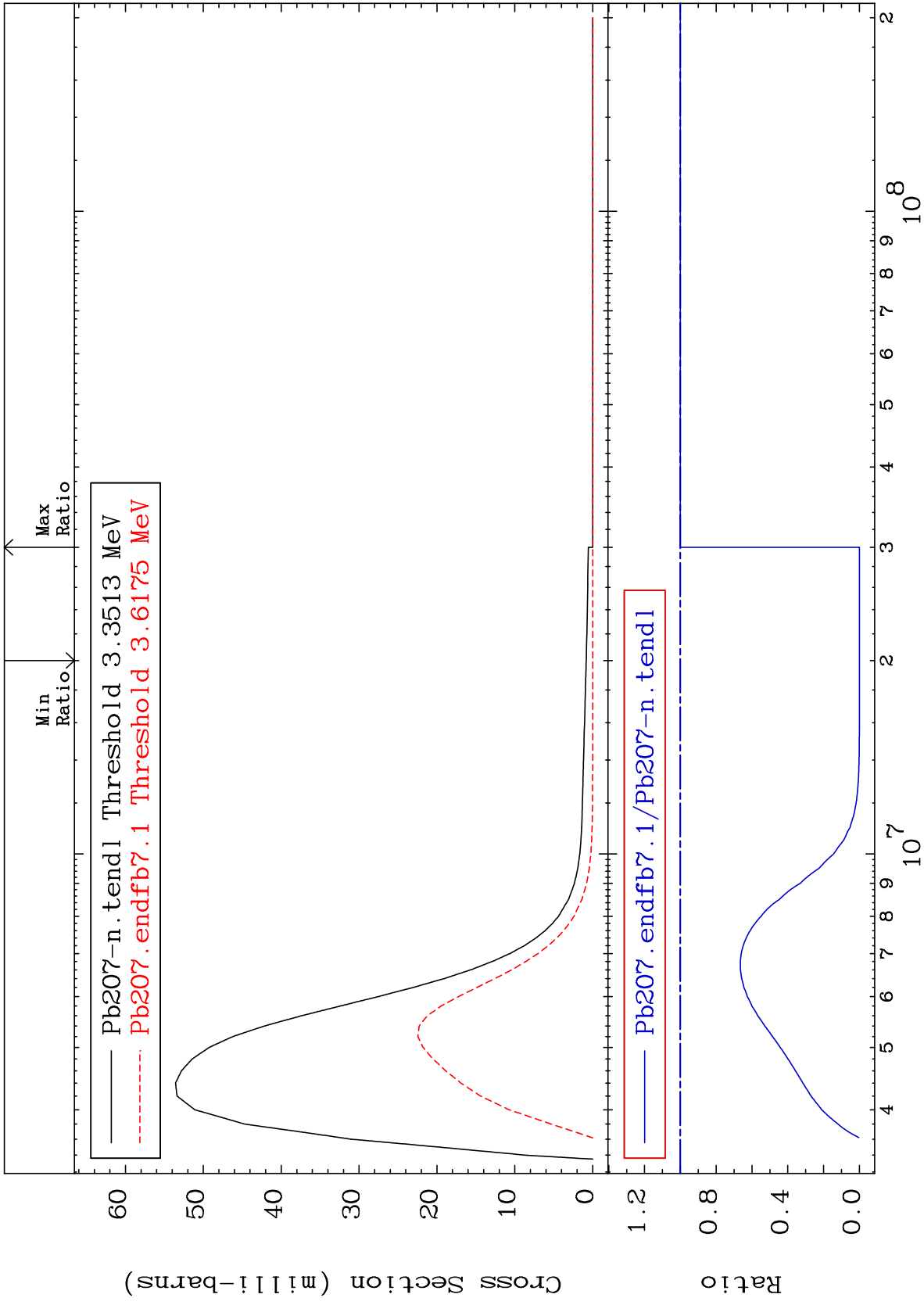
82-Pb-207

MAT 8234

3.335 MeV (n,n') Level

82-Pb-207

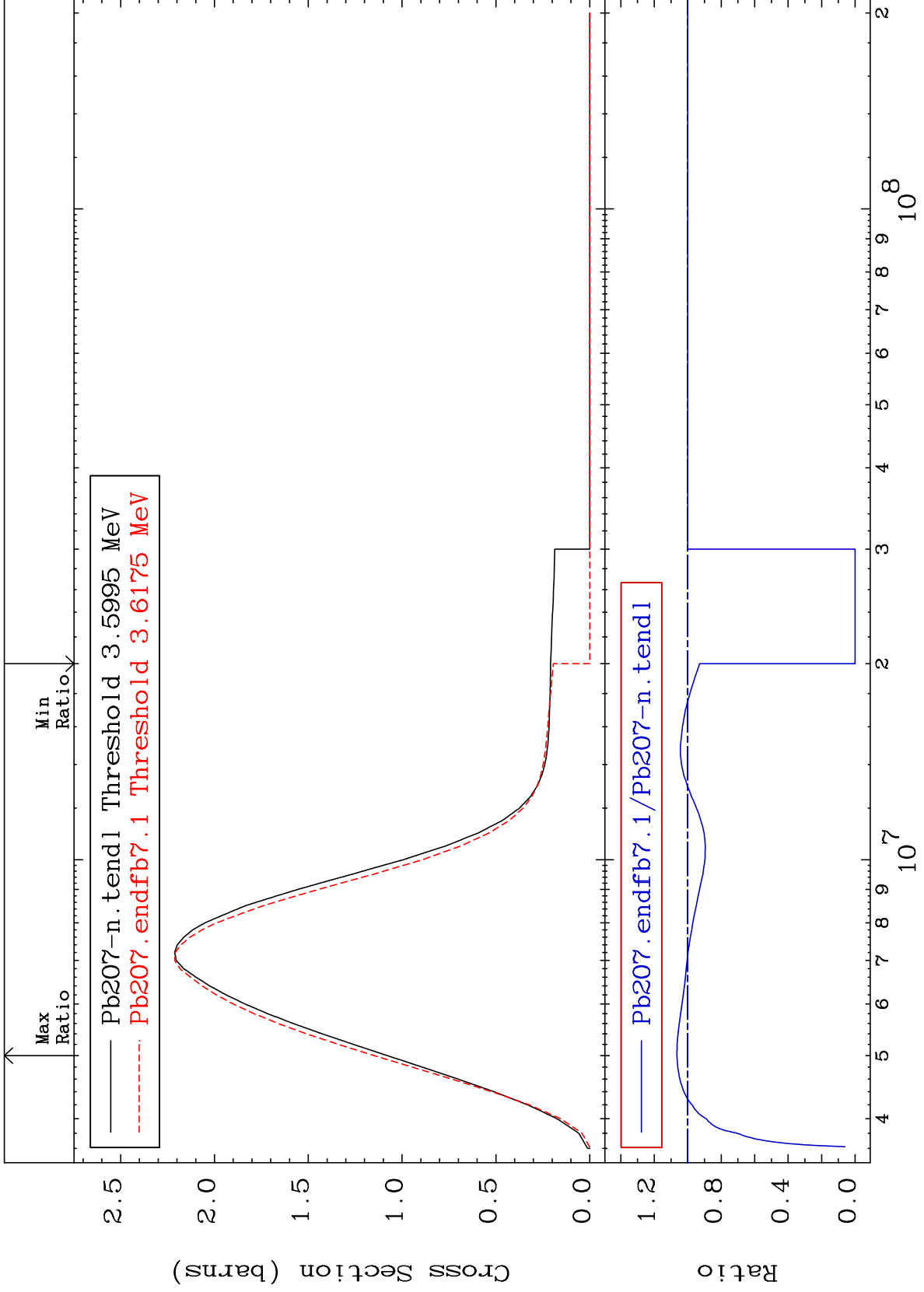
-100.0 To 0.000 %



32

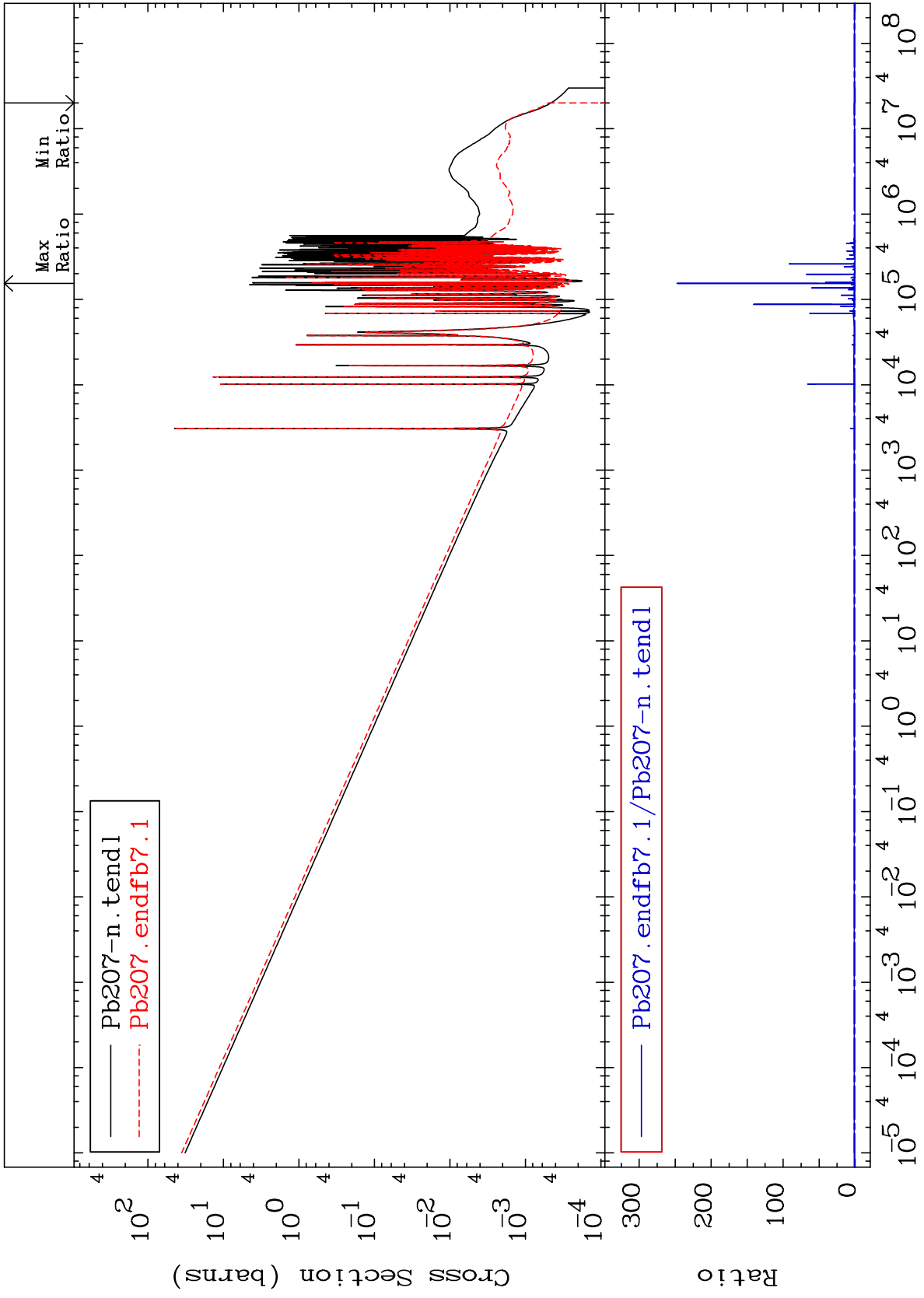
Incident Energy (eV)

82-Pb-207



MAT 8234

(n, γ)
Cross Section
82-Pb-207
-100.0 To 9999. %



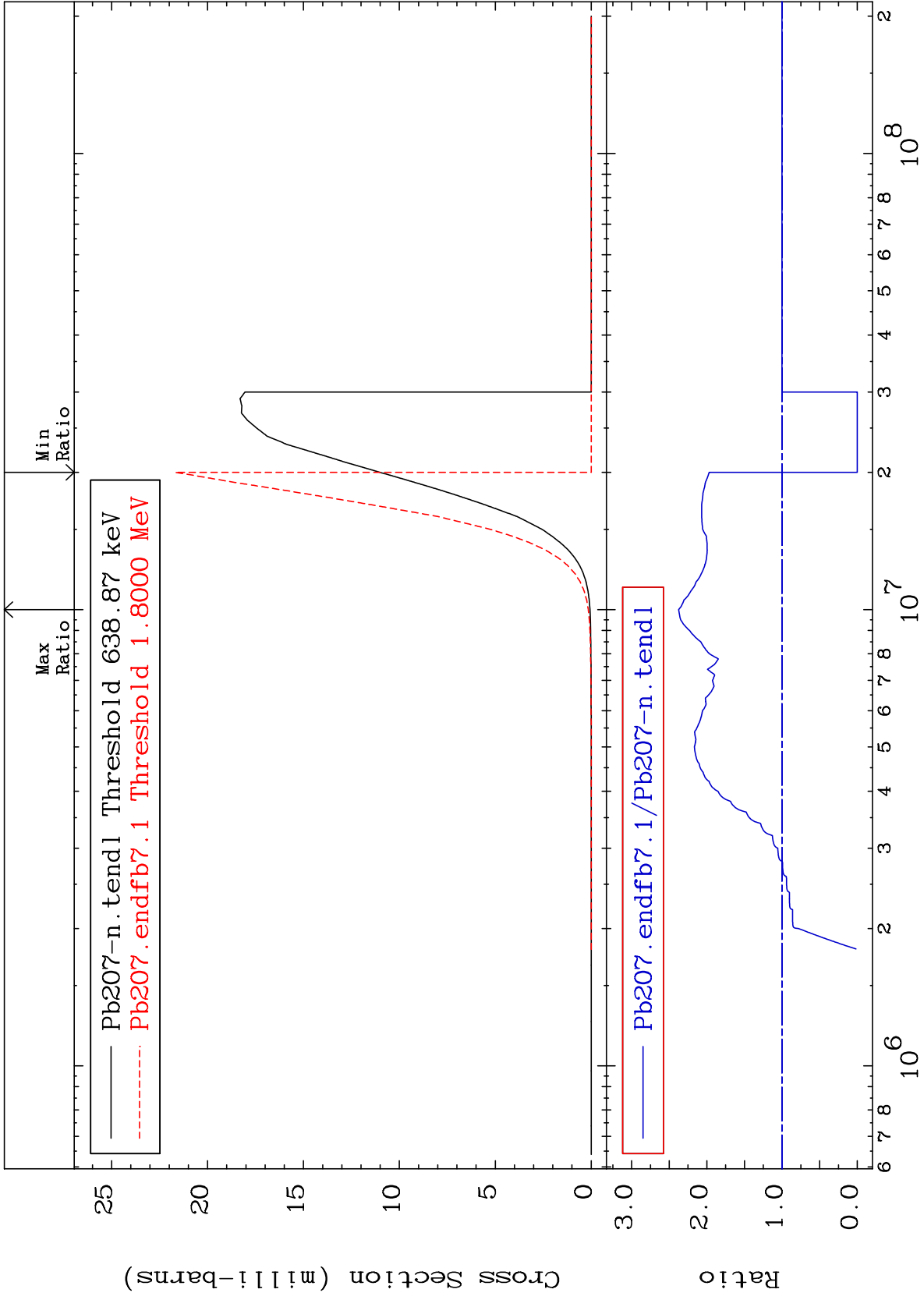
Incident Energy (eV)

82-Pb-207

34

MAT 8234

(n,p) Cross Section
82-Pb-207
-100.0 To 137.5 %



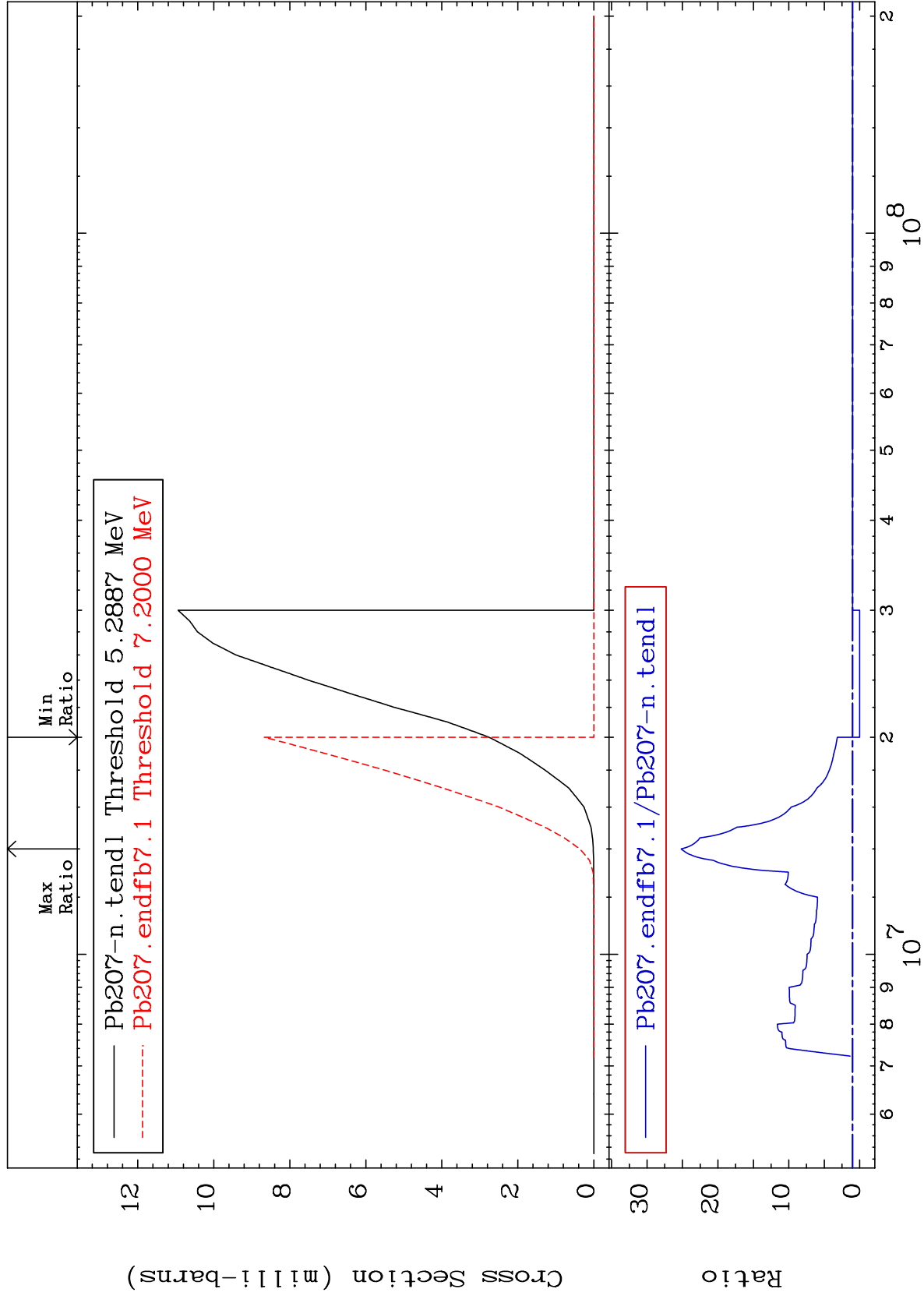
35

Incident Energy (eV)

82-Pb-207

Cross Section

-100.0 To 2418. %

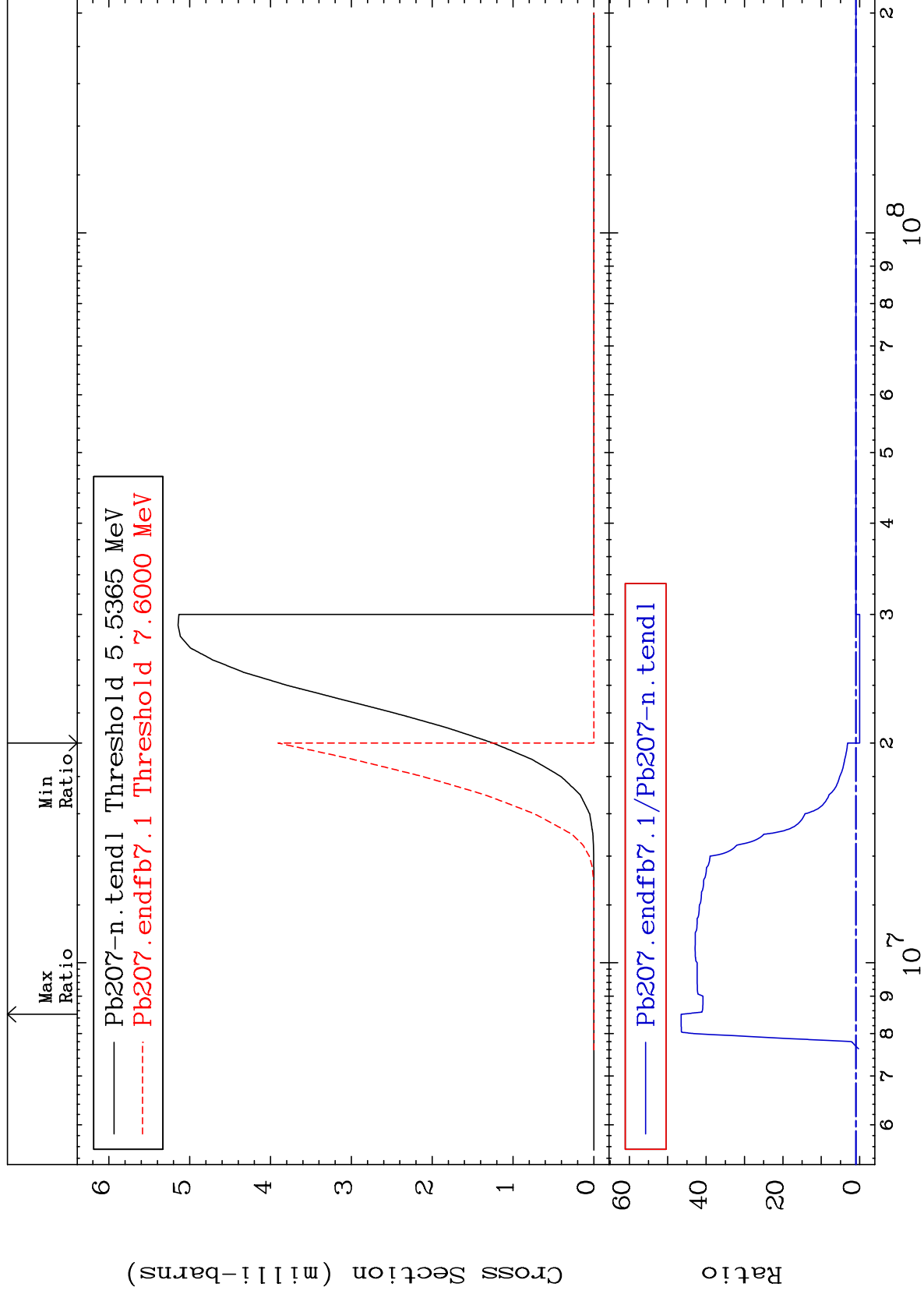


MAT 8234

82-Pb-207

(n, t)
Cross Section

-100.0 To 4549. %



37

82-Pb-207

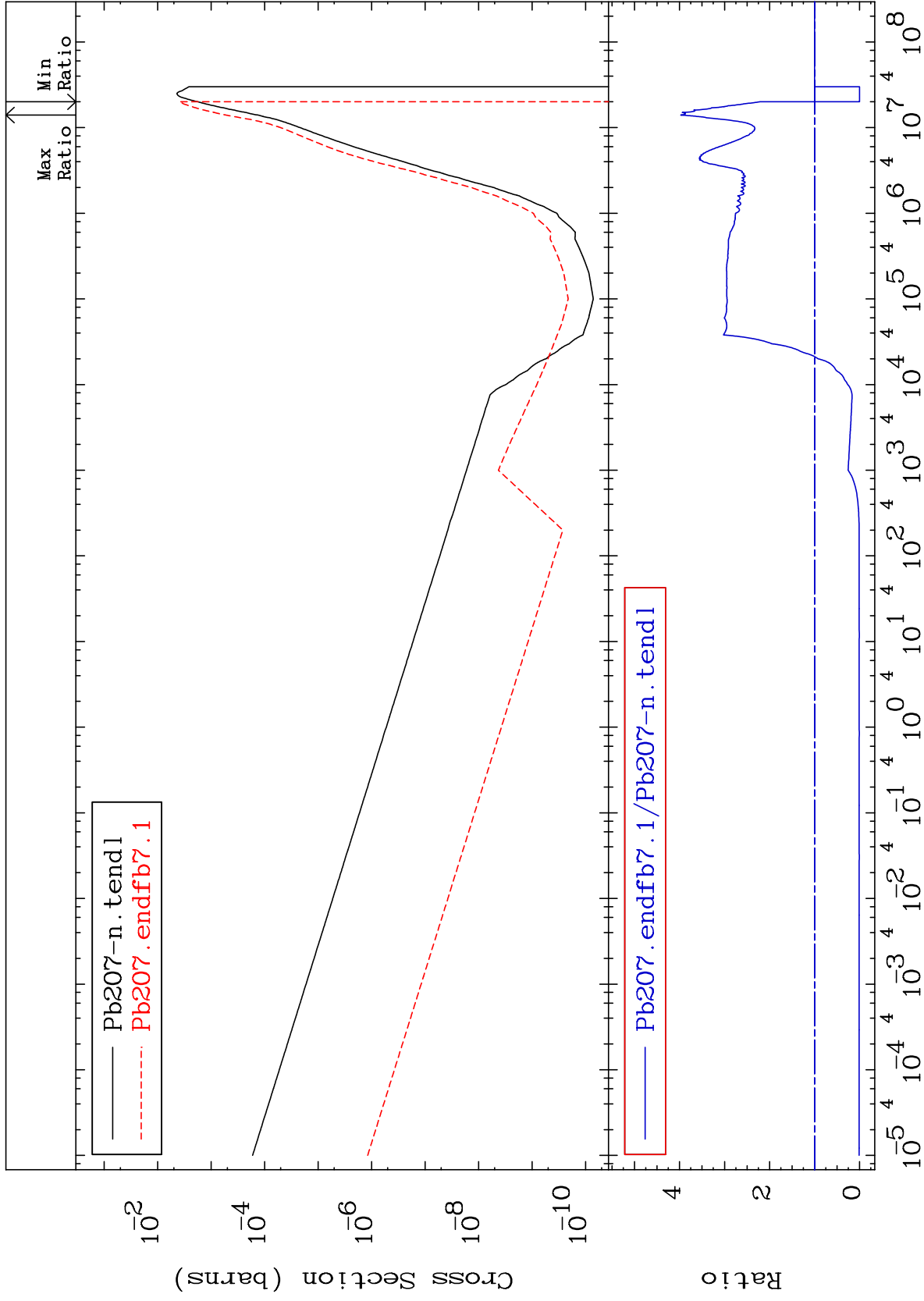
MAT 8234

(n, α)

82-Pb-207

Cross Section

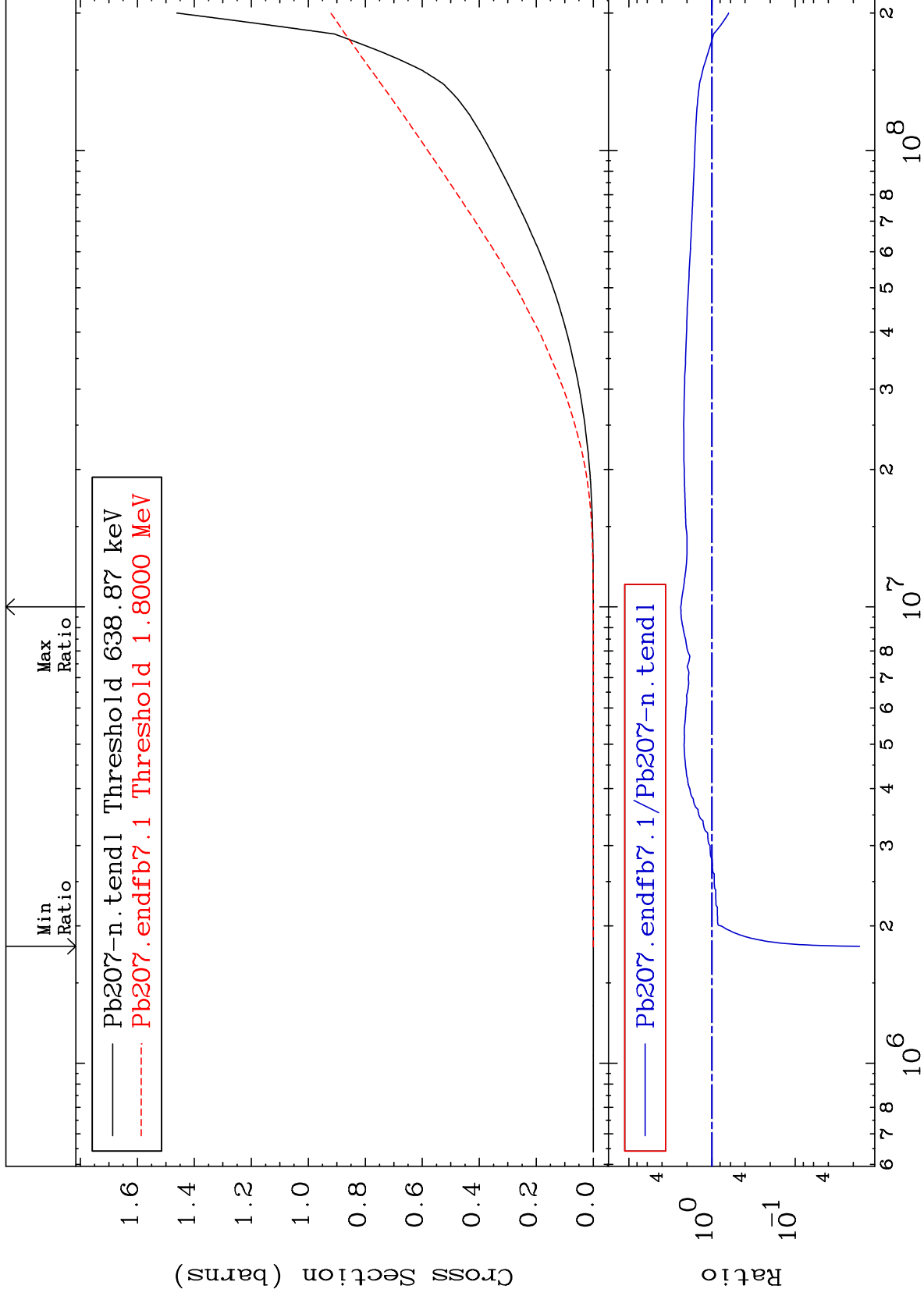
-100.0 To 297.3 %



38

Incident Energy (eV)

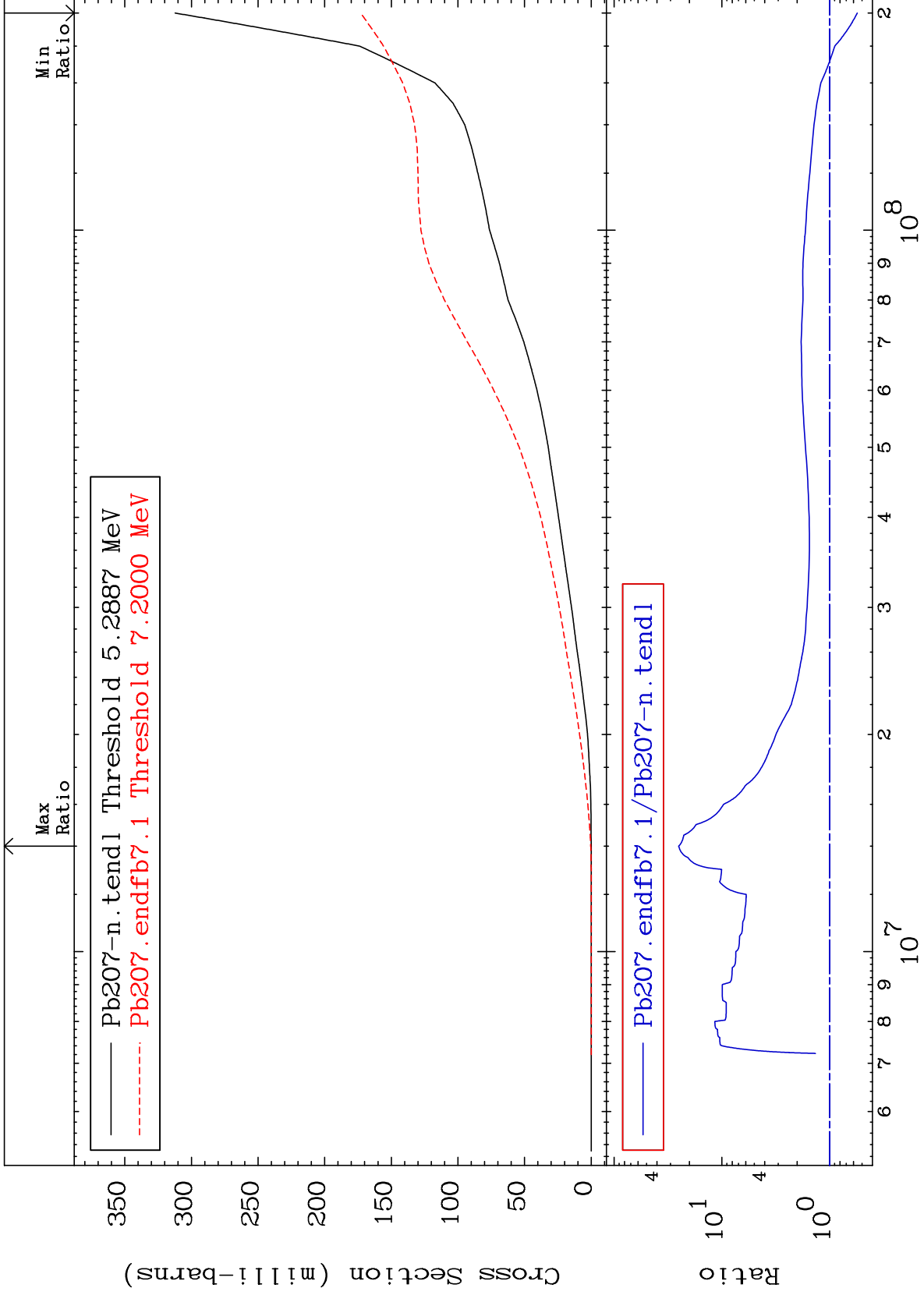
82-Pb-207



MAT 8234

Deuterium Production
Cross Section

82-Pb-207
-44.60 To 2418. %



40

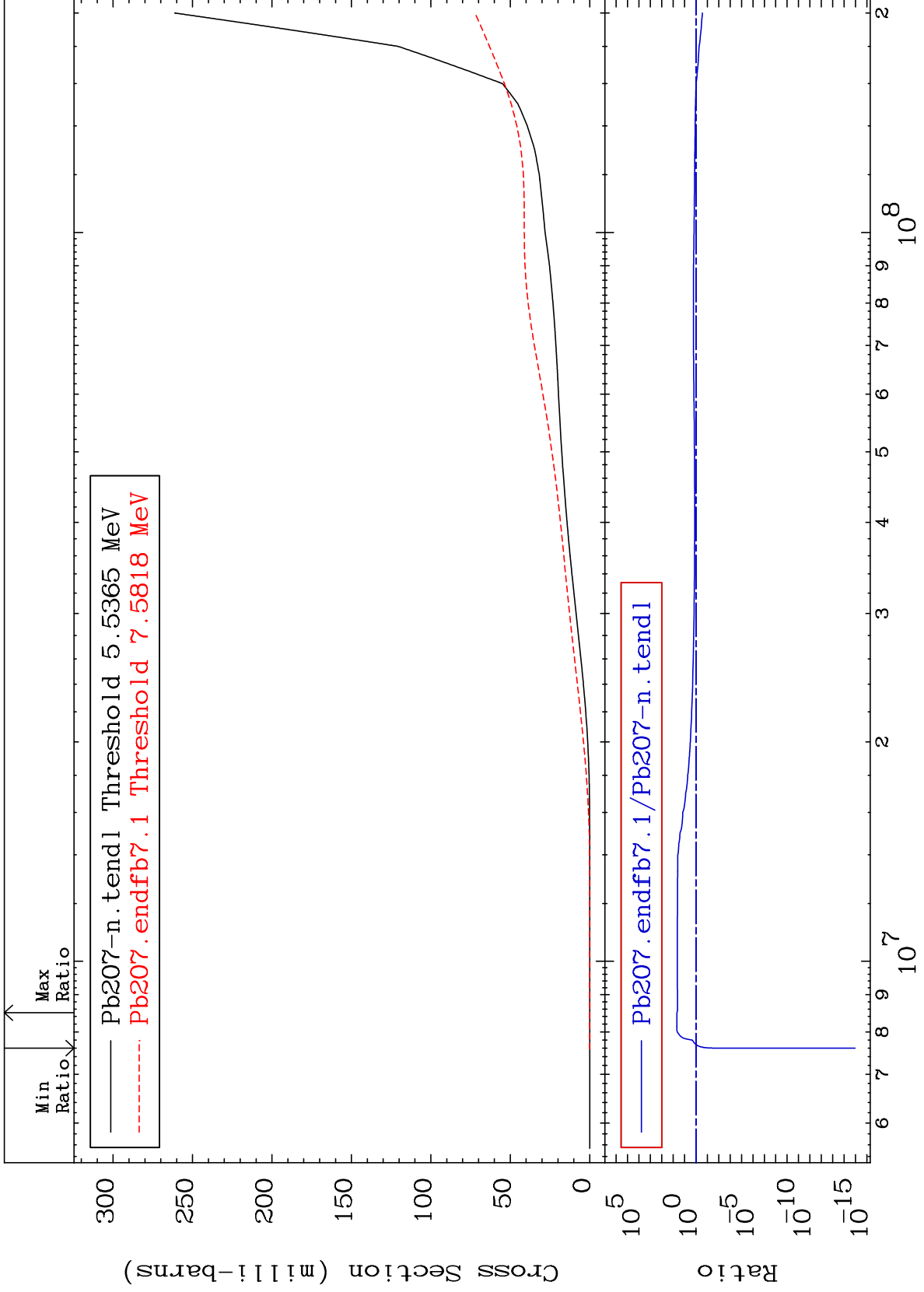
Incident Energy (eV)

82-Pb-207

MAT 8234

Tritium Production
Cross Section

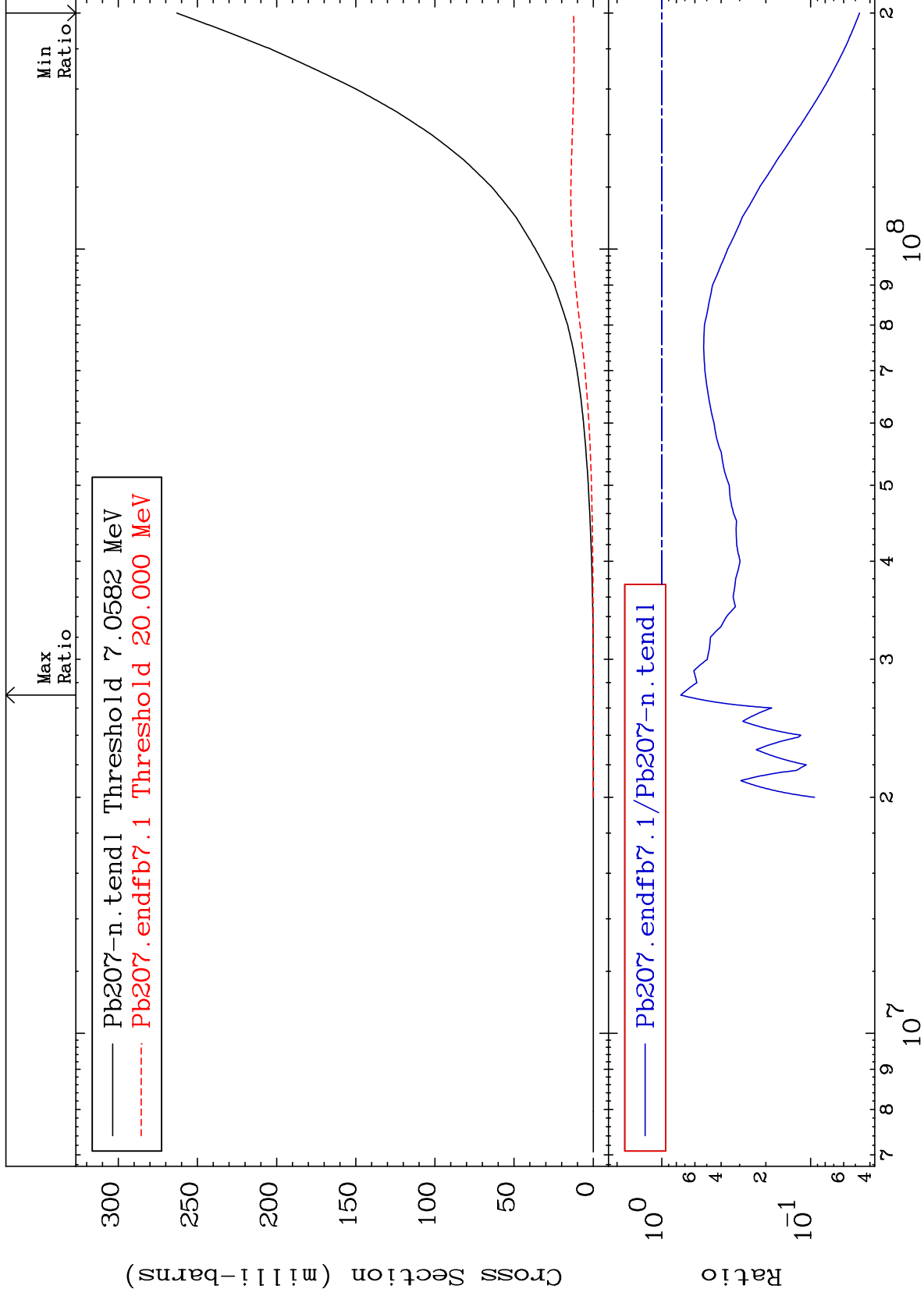
82-Pb-207
-100.0 To 4549. %



MAT 8234

He-3 Production
Cross Section

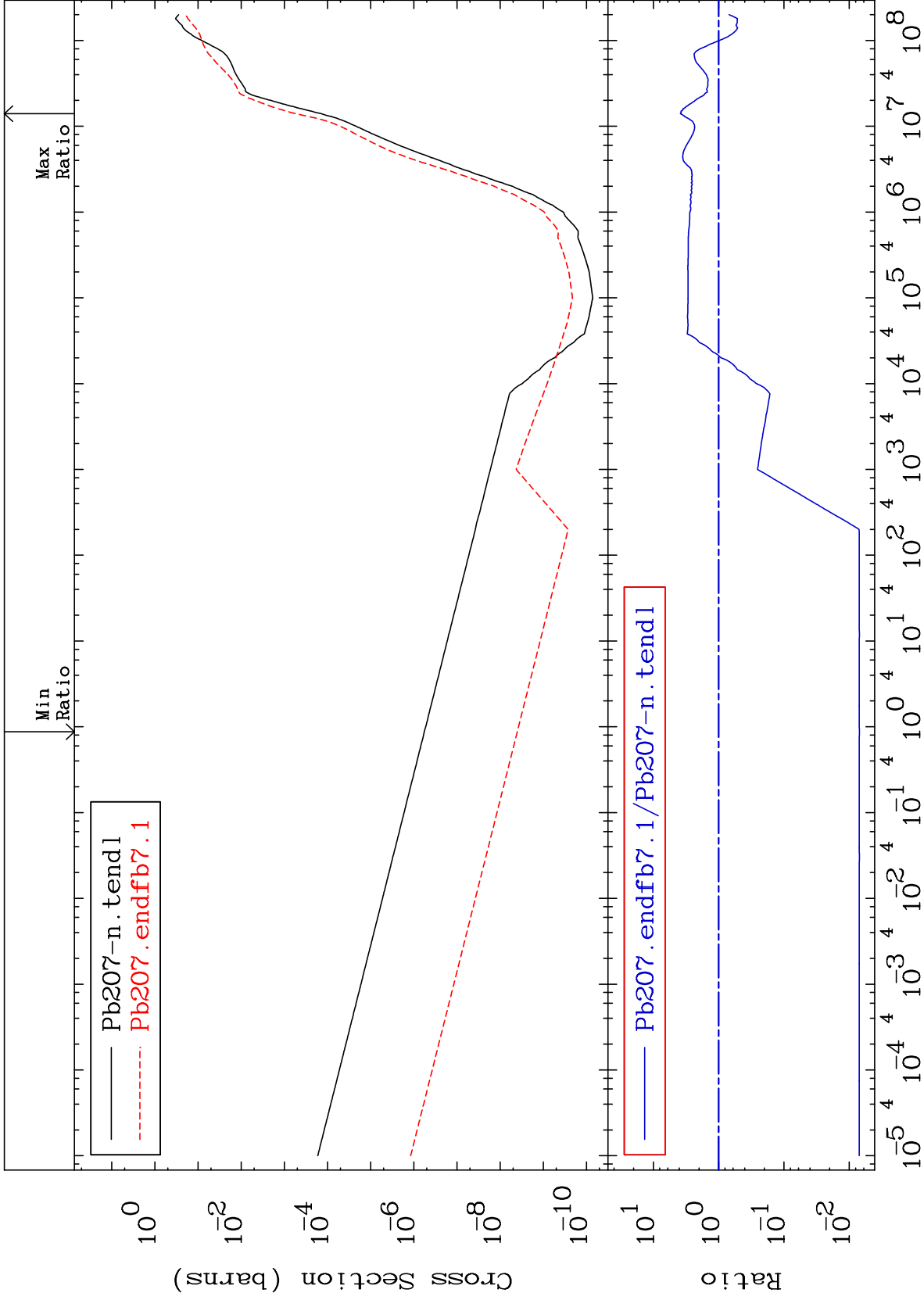
82-Pb-207
-95.31 To -25.35%



MAT 8234

He-4 Production
Cross Section

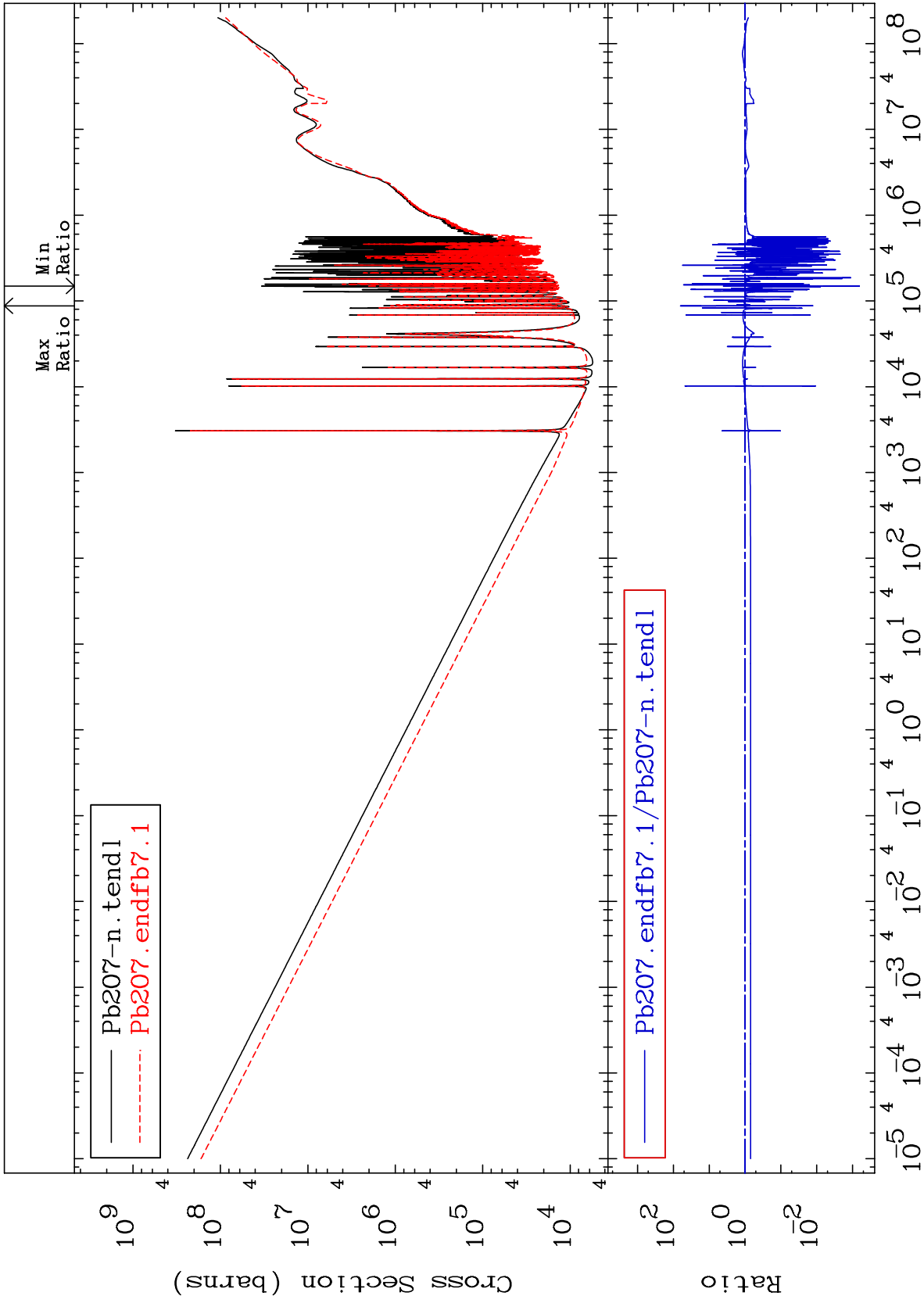
82-Pb-207
-99.30 To 285.6 %



43

Incident Energy (eV)

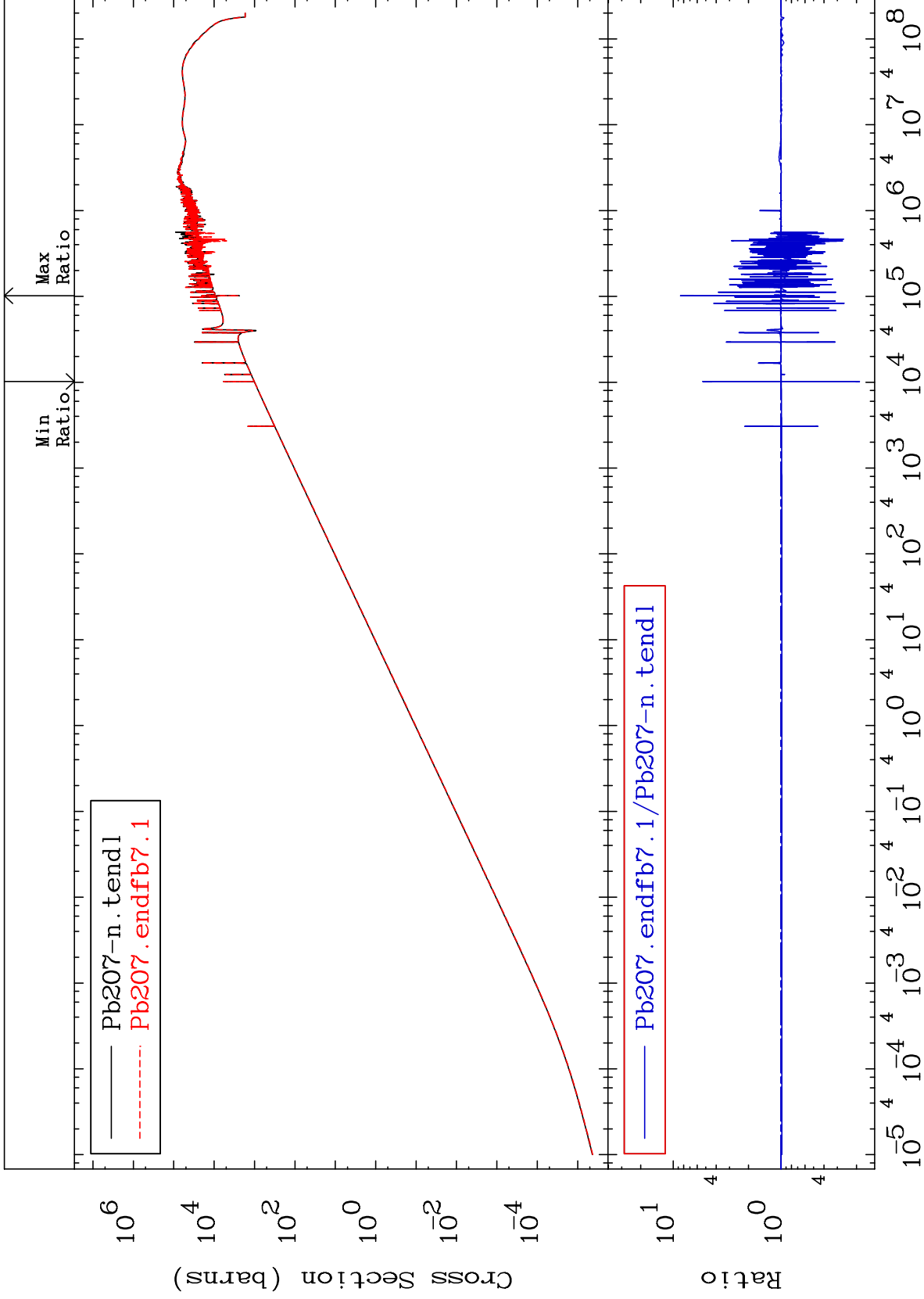
82-Pb-207



MAT 8234

Kerma elastic
Cross Section

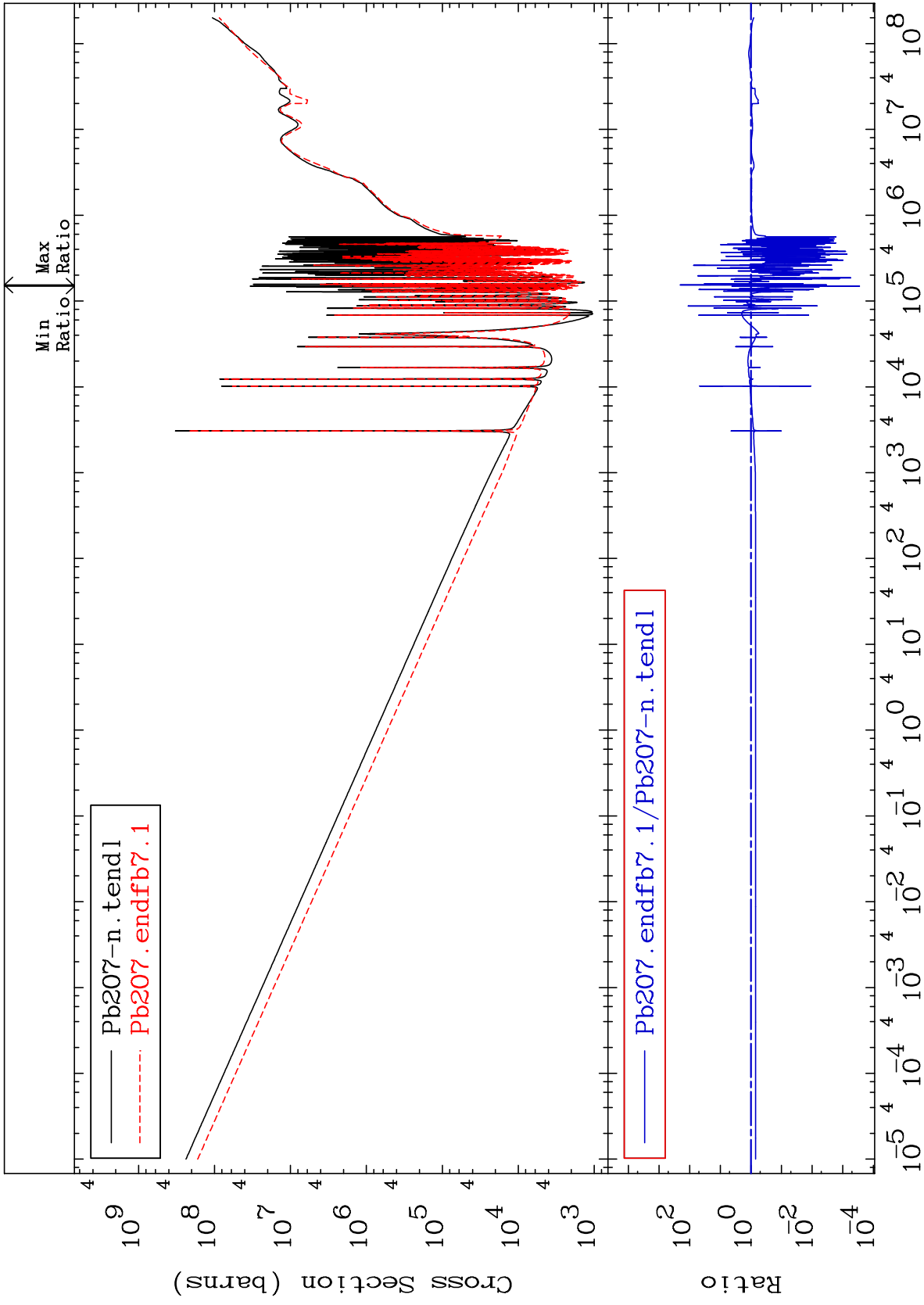
82-Pb-207
-81.25 To 758.9 %

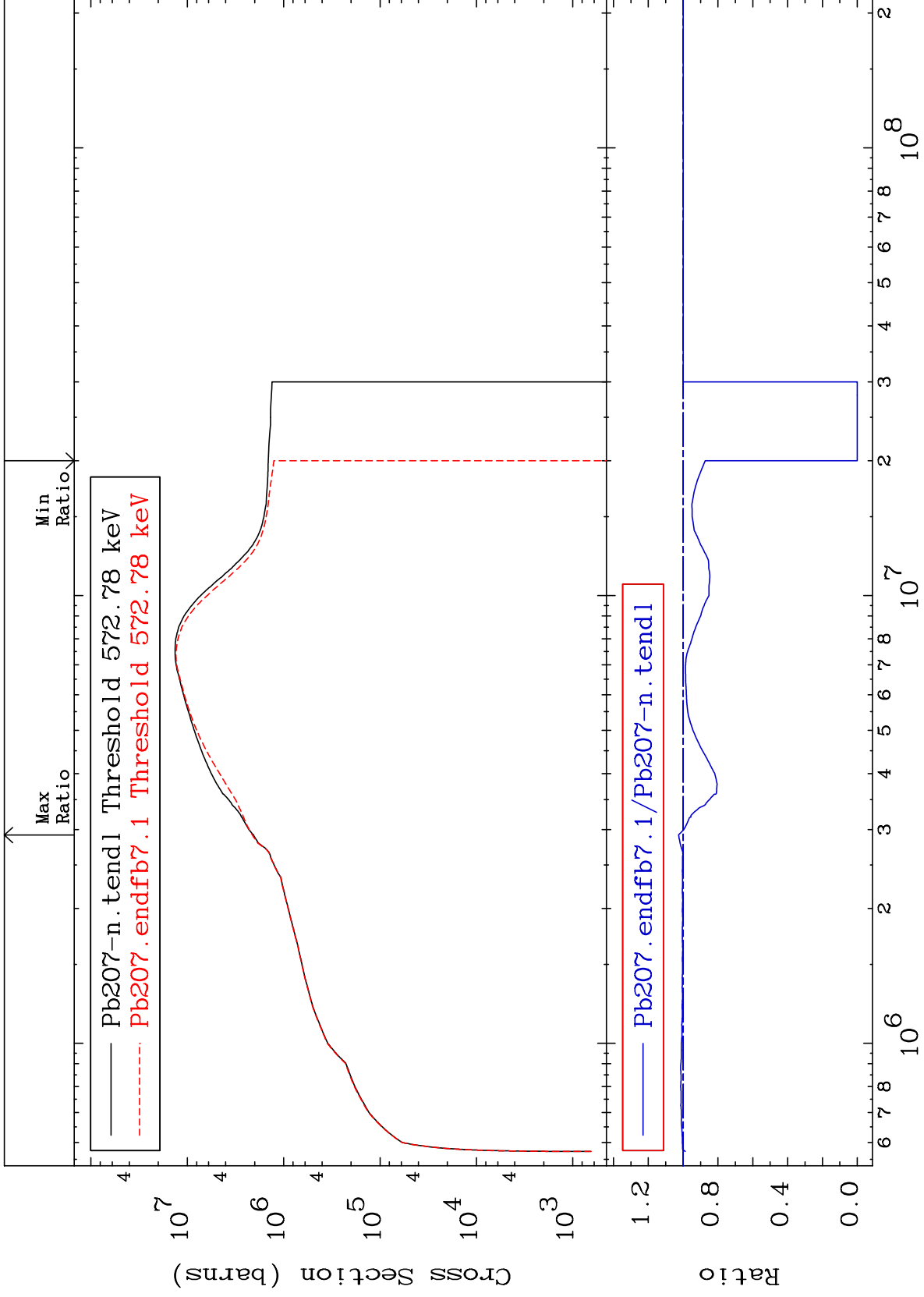


45

Incident Energy (eV)

82-Pb-207

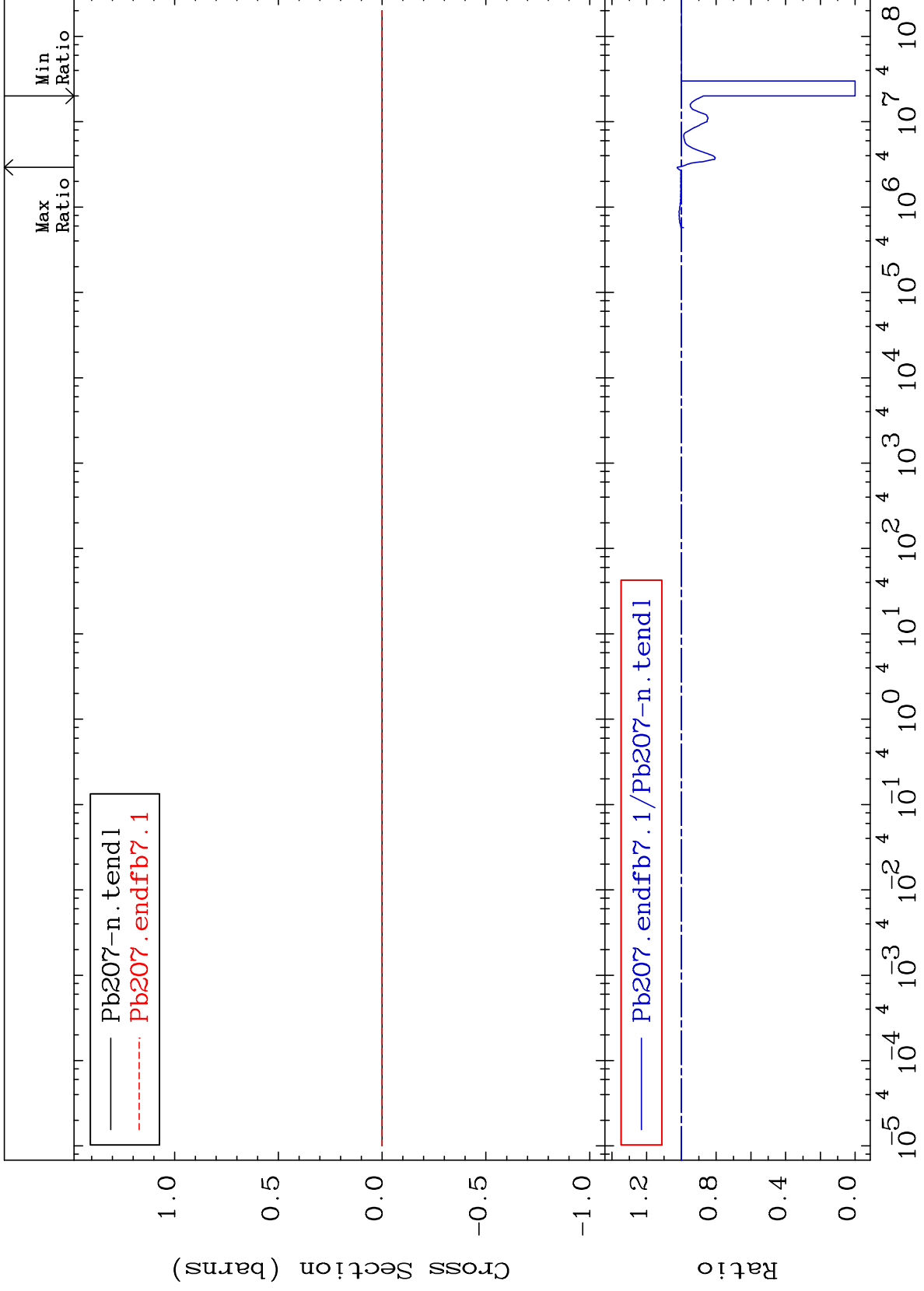




MAT 8234

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

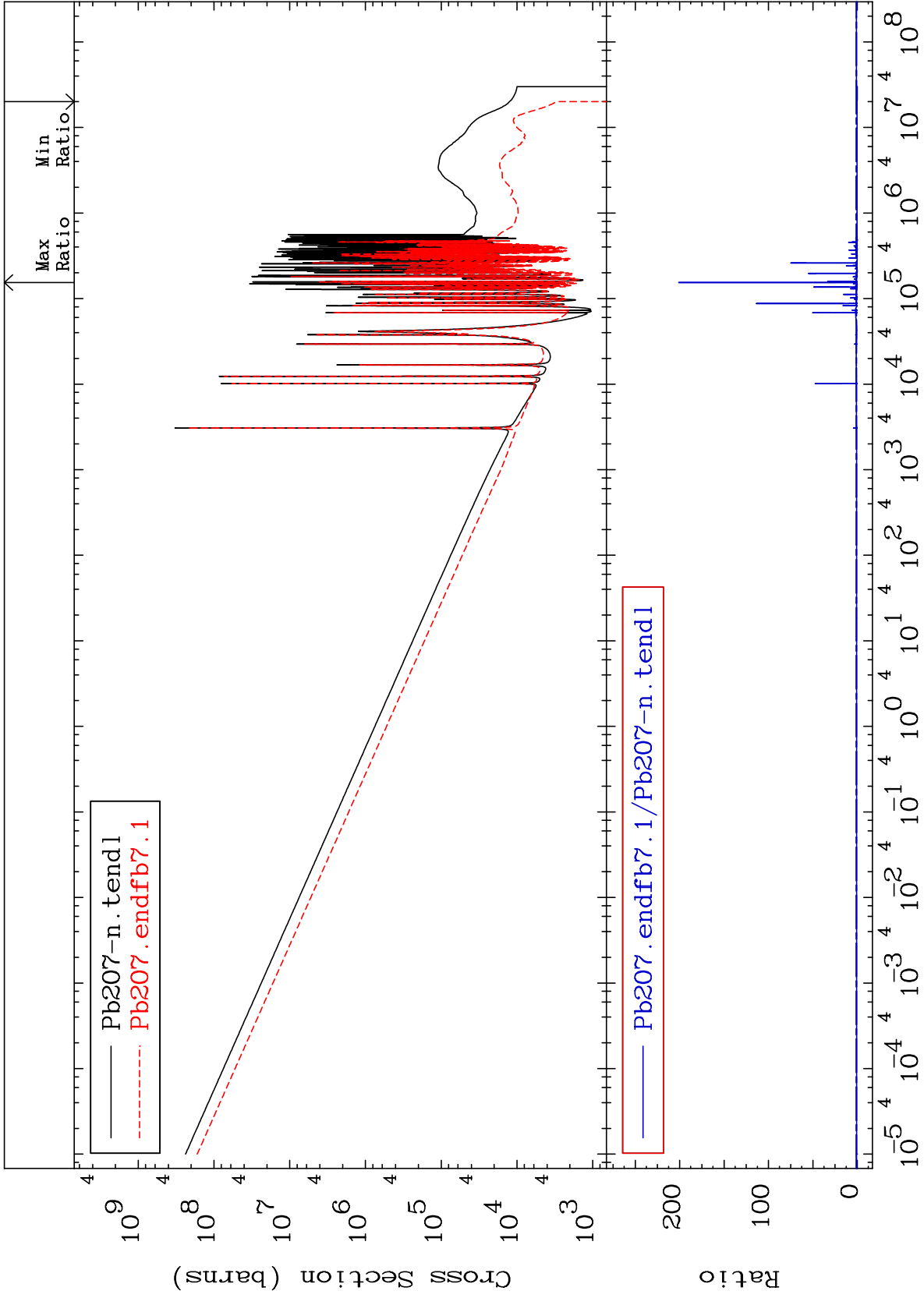
82-Pb-207
-100.0 To 2.589 %



MAT 8234

Kerma capture (mt102)
Cross Section

82-Pb-207
-100.0 To 9999. %



49

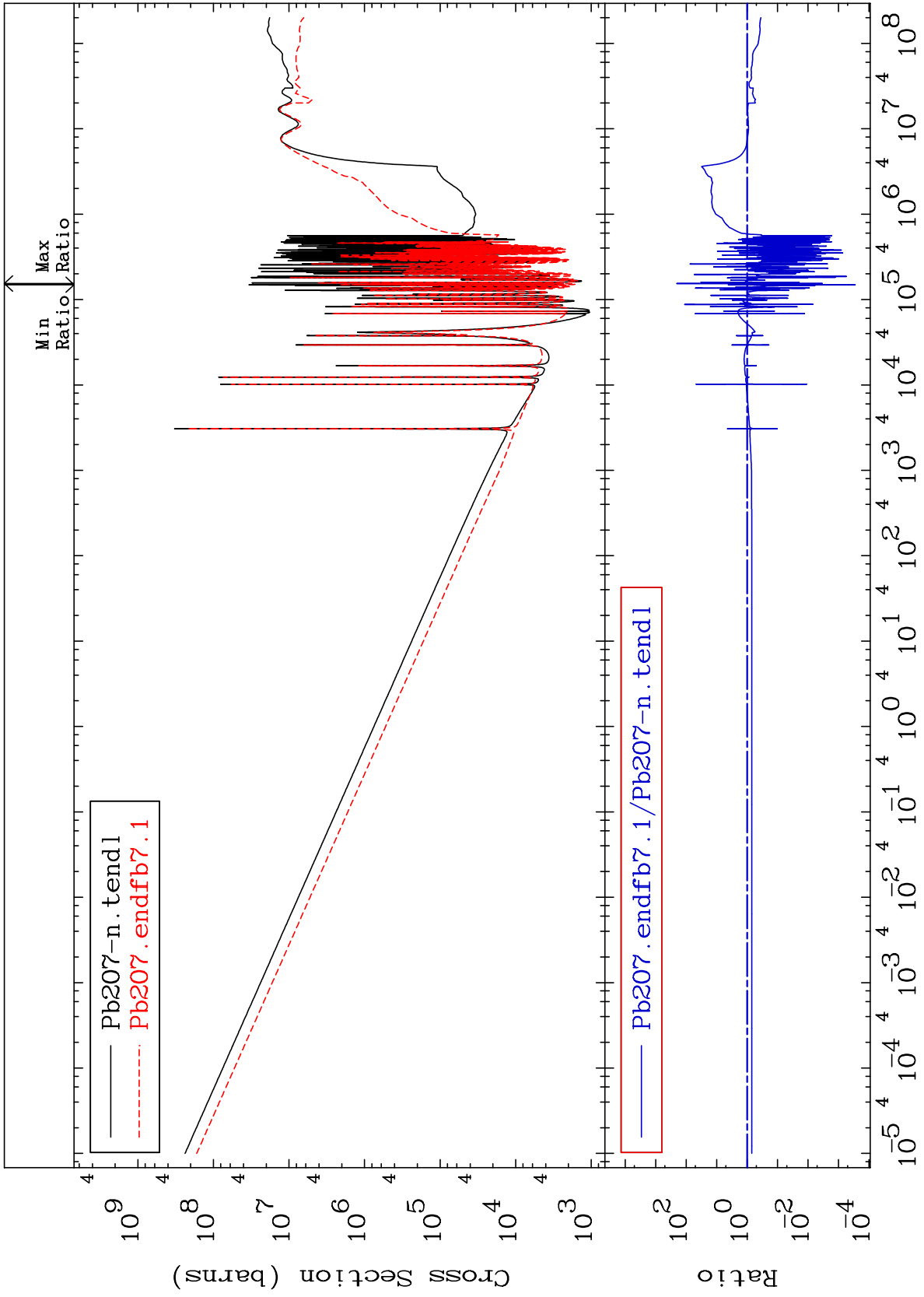
Incident Energy (eV)

82-Pb-207

MAT 8234

Total photon (eV-barns)
Cross Section

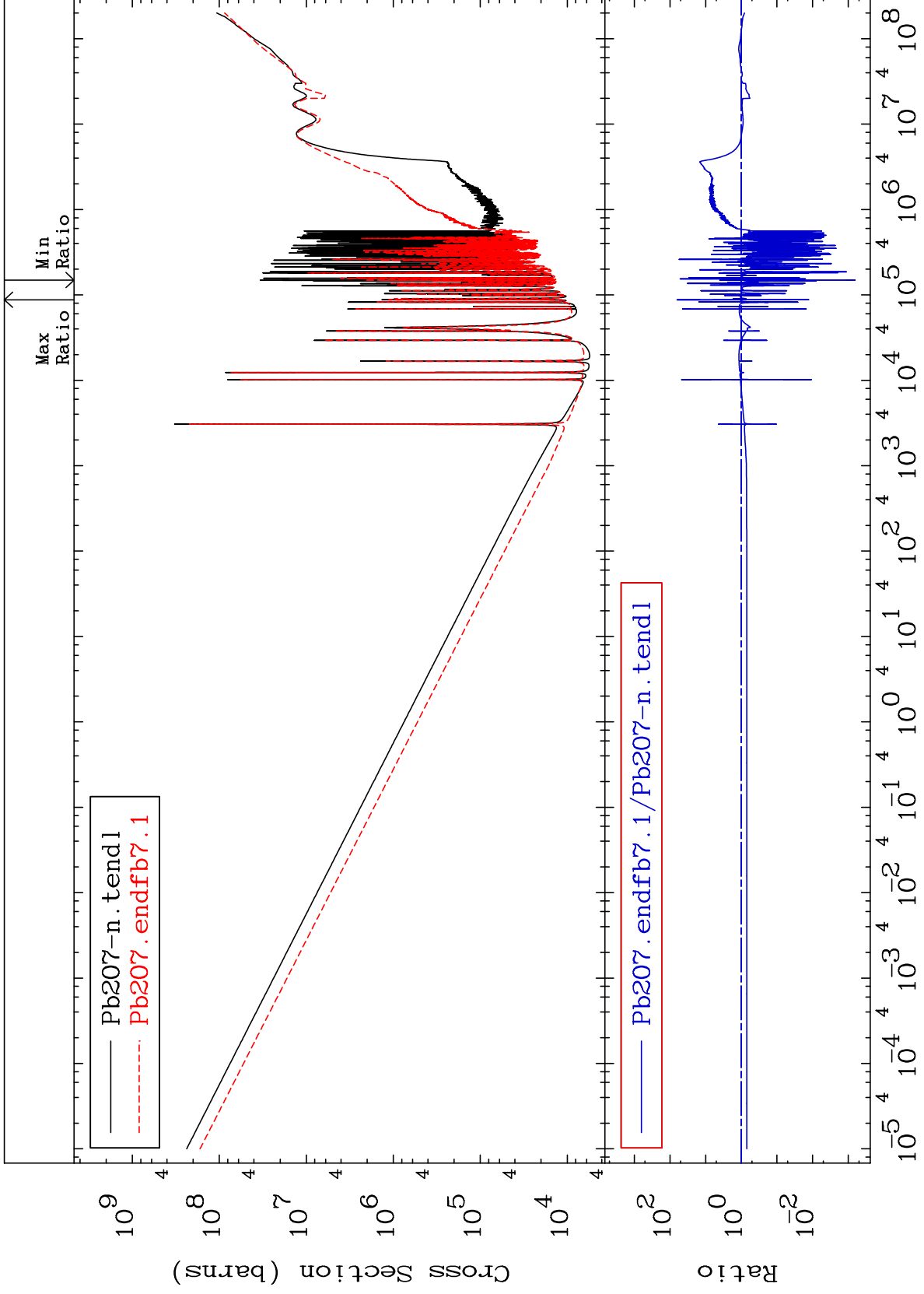
82-Pb-207
-99.97 To 9999. %



50

Incident Energy (eV)

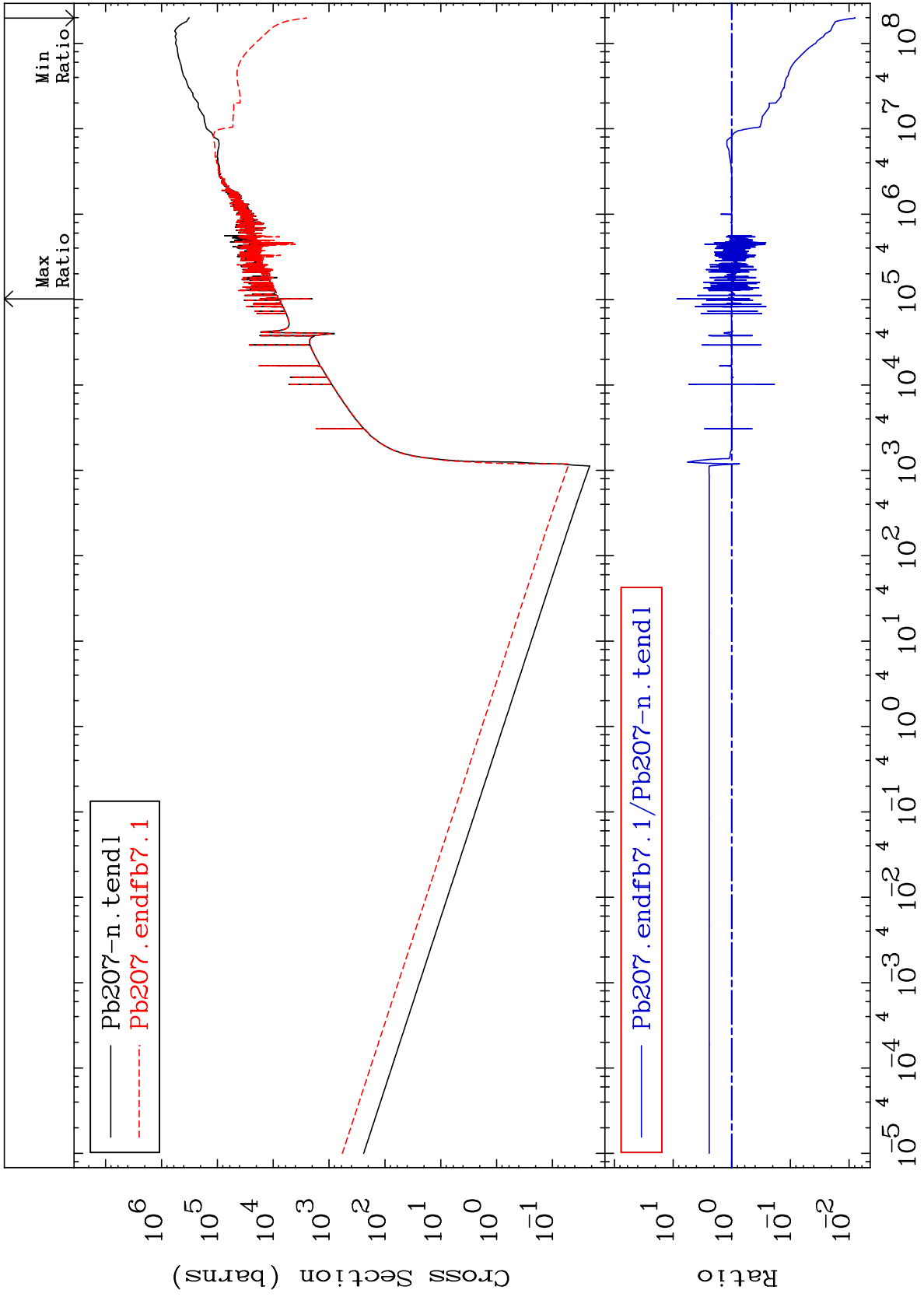
82-Pb-207



MAT 8234

Dpa total (eV-barns)
Cross Section

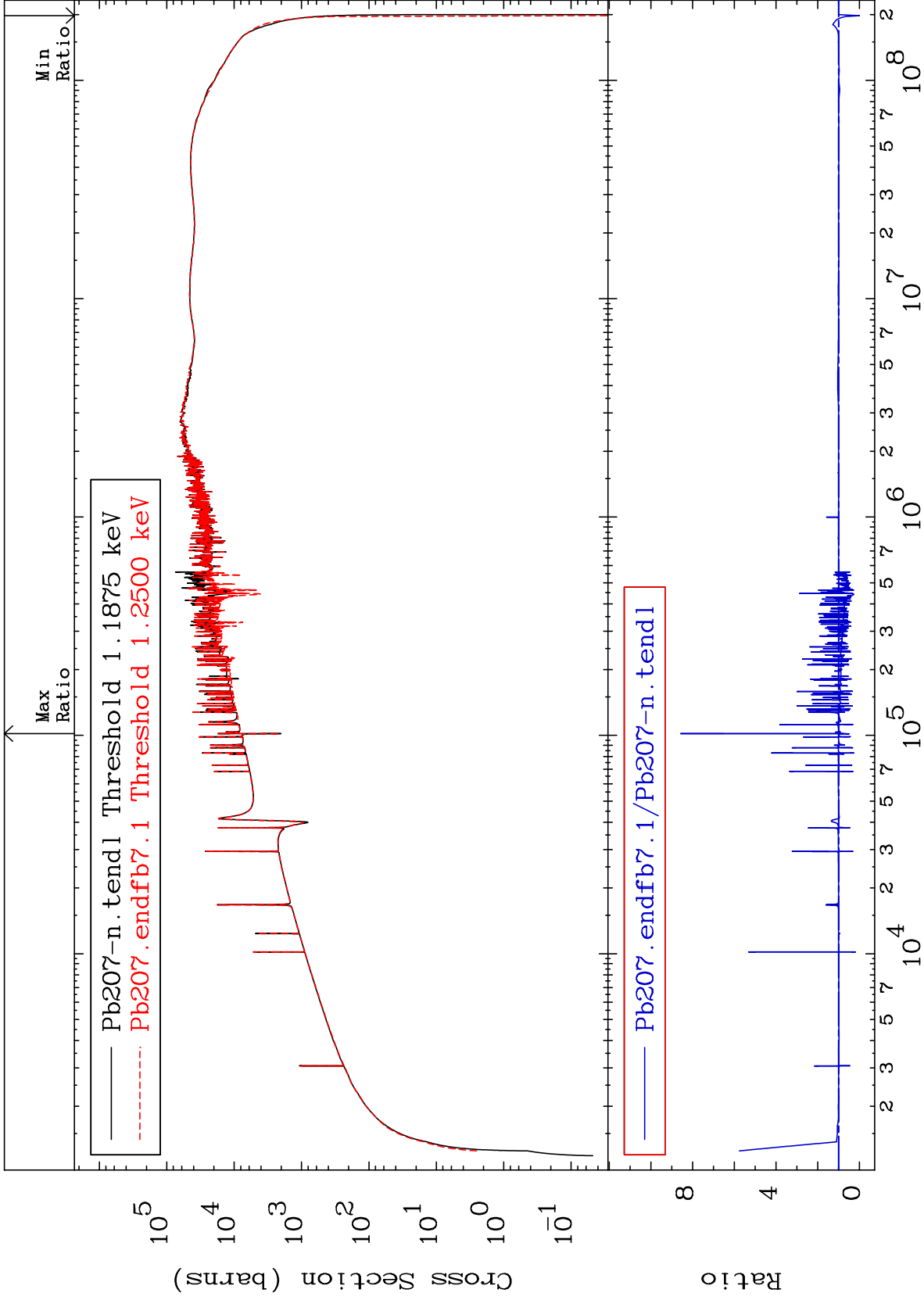
82-Pb-207
-99.21 To 758.8 %

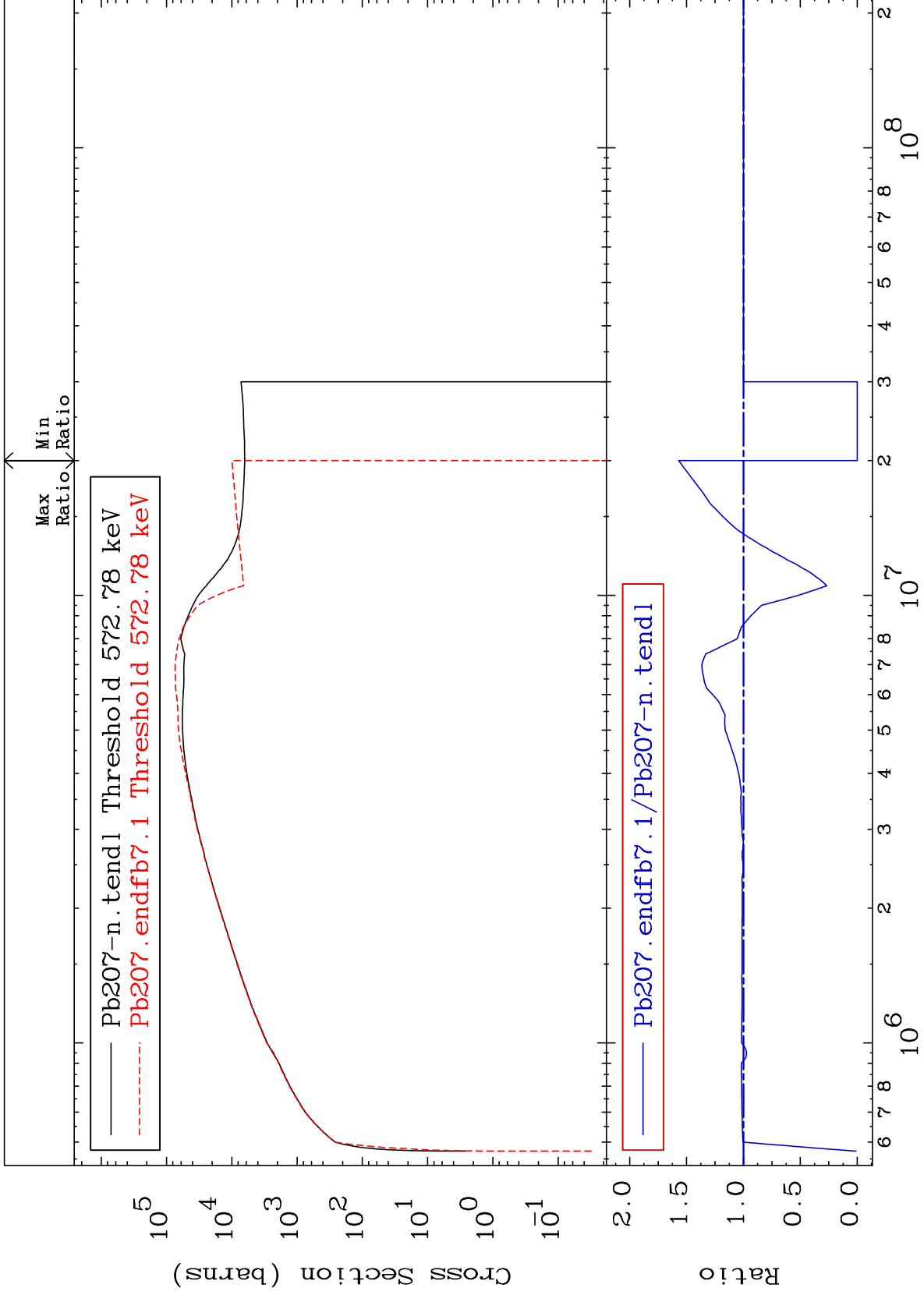


MAT 8234

Dpa elastic (mt2)
Cross Section

82-Pb-207
-100.0 To 758.9 %

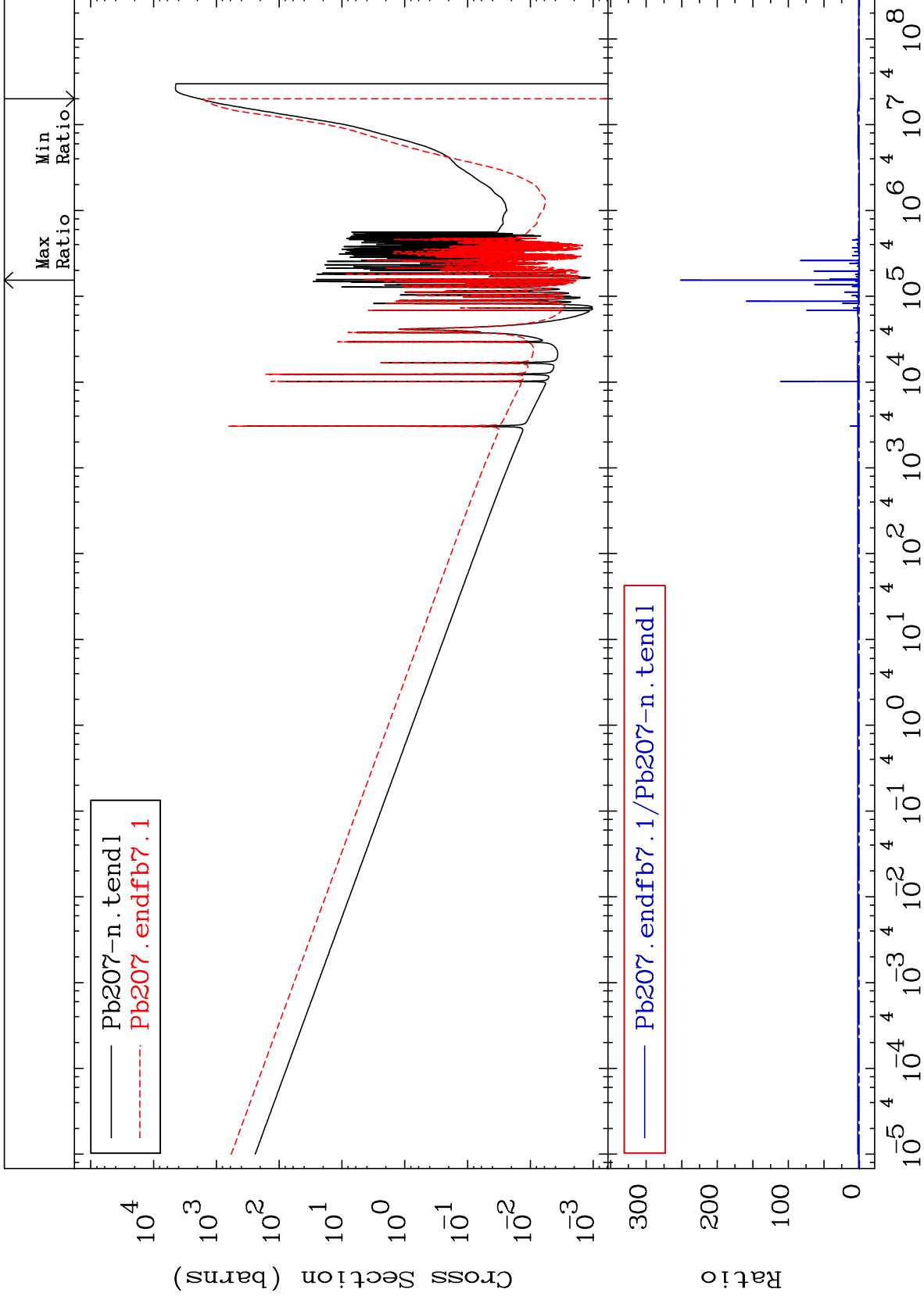




MAT 8234

Dpa disappearance (mt102 -120)
Cross Section

82-Pb-207
-100.0 To 9999. %



55

Incident Energy (eV)

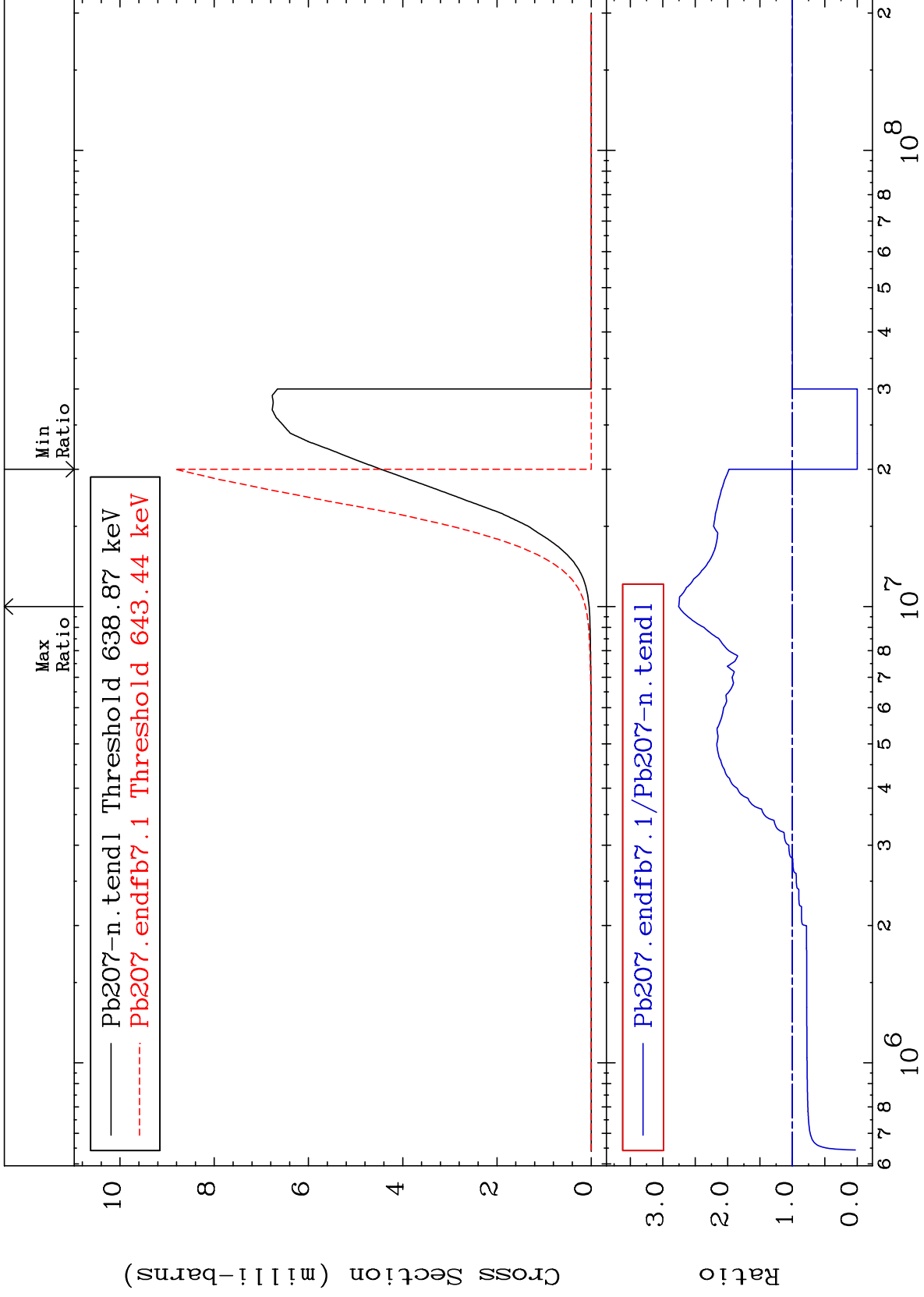
82-Pb-207

MAT 8234

(n, p) : 81-Tl - 207g

82-Pb-207

Radionuclide Production Cross Section -100.0 To 175.5 %



56

Incident Energy (eV)

82-Pb-207

MAT 8234

(n, p):81-Tl-207m2

82-Pb-207

Radionuclide Production Cross Section -100.0 To 778.4 %

