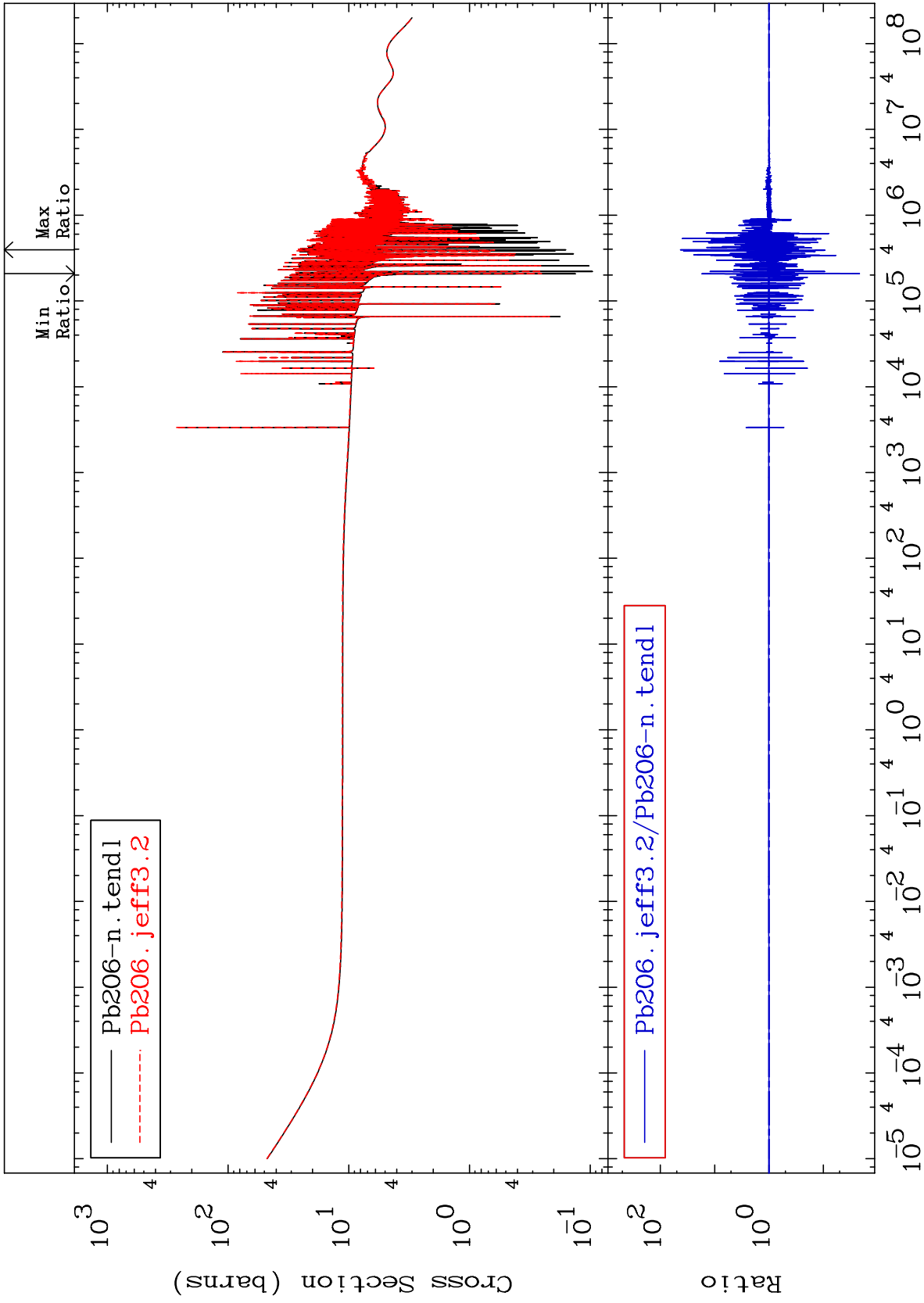


MAT 8231

Total
Cross Section

82-Pb-206
-97.83 To 4176. %



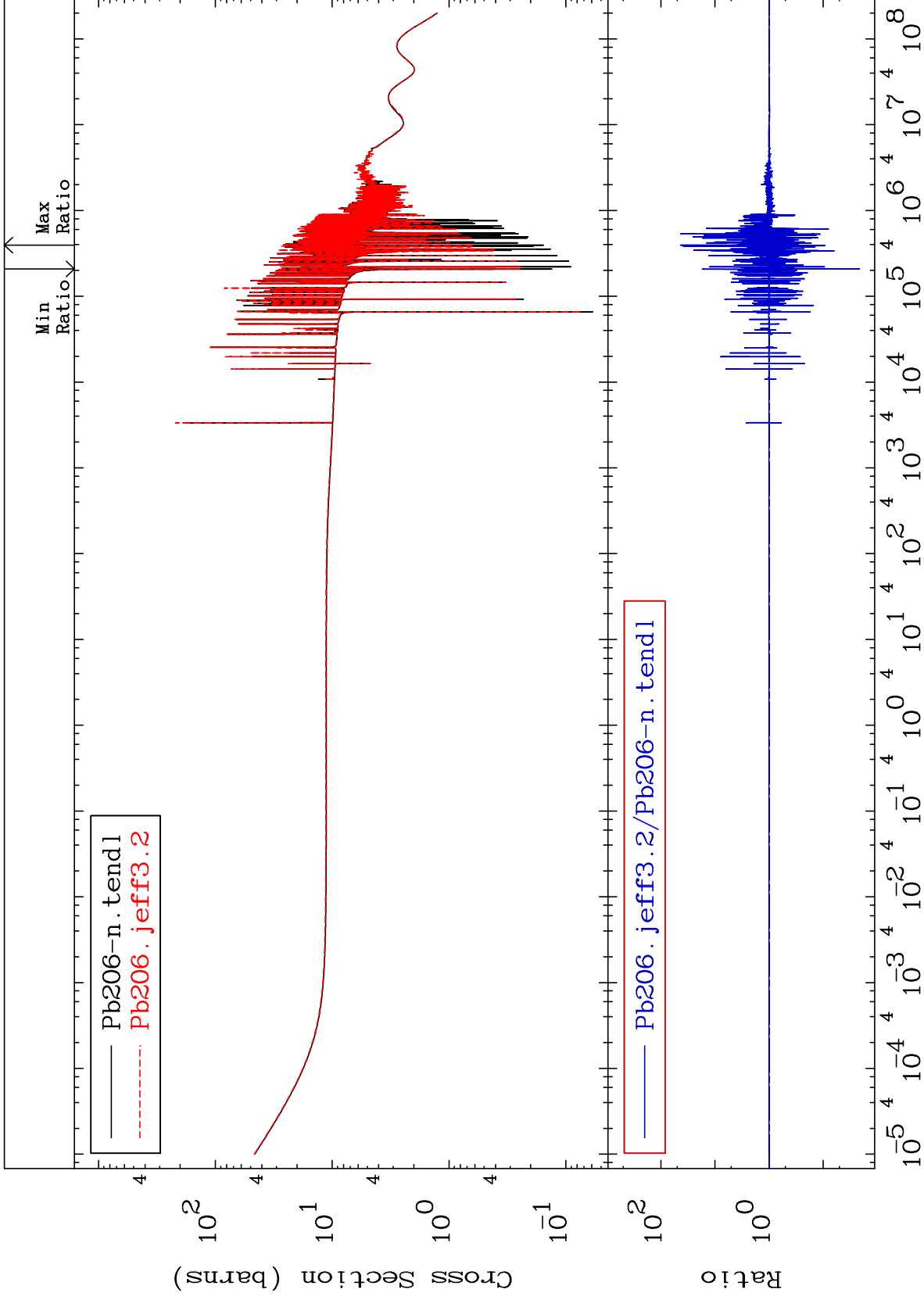
Incident Energy (eV)

82-Pb-206

MAT 8231

Elastic
Cross Section

82-Pb-206
-97.86 To 4272. %



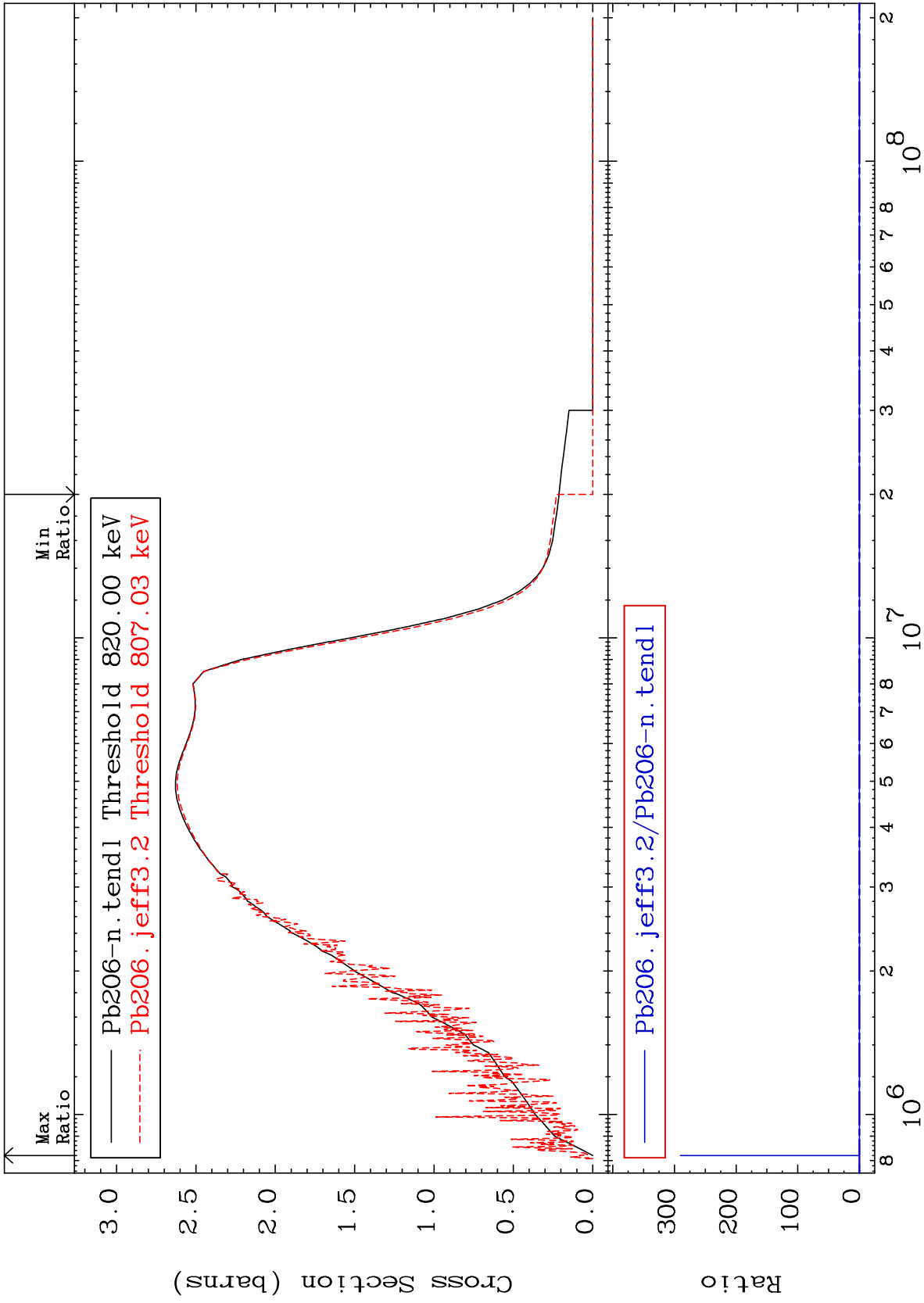
Incident Energy (eV)

82-Pb-206

MAT 8231

Inelastic
Cross Section

82-Pb-206
-100.0 To 9999. %



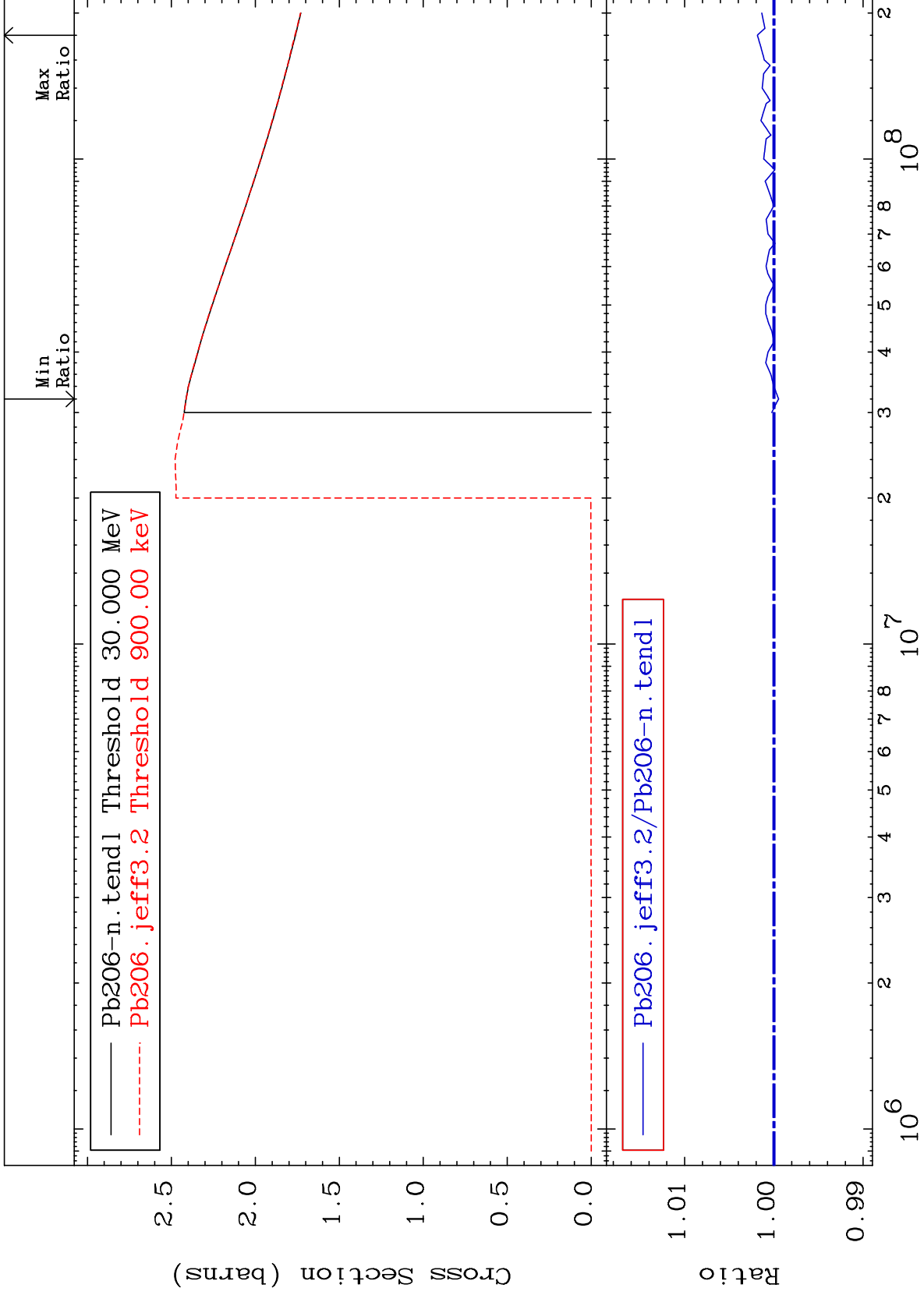
82-Pb-206

3

MAT 8231

(n, remainder)
Cross Section

82-Pb-206
-0.052 To 0.186 %



4

Incident Energy (eV)

82-Pb-206

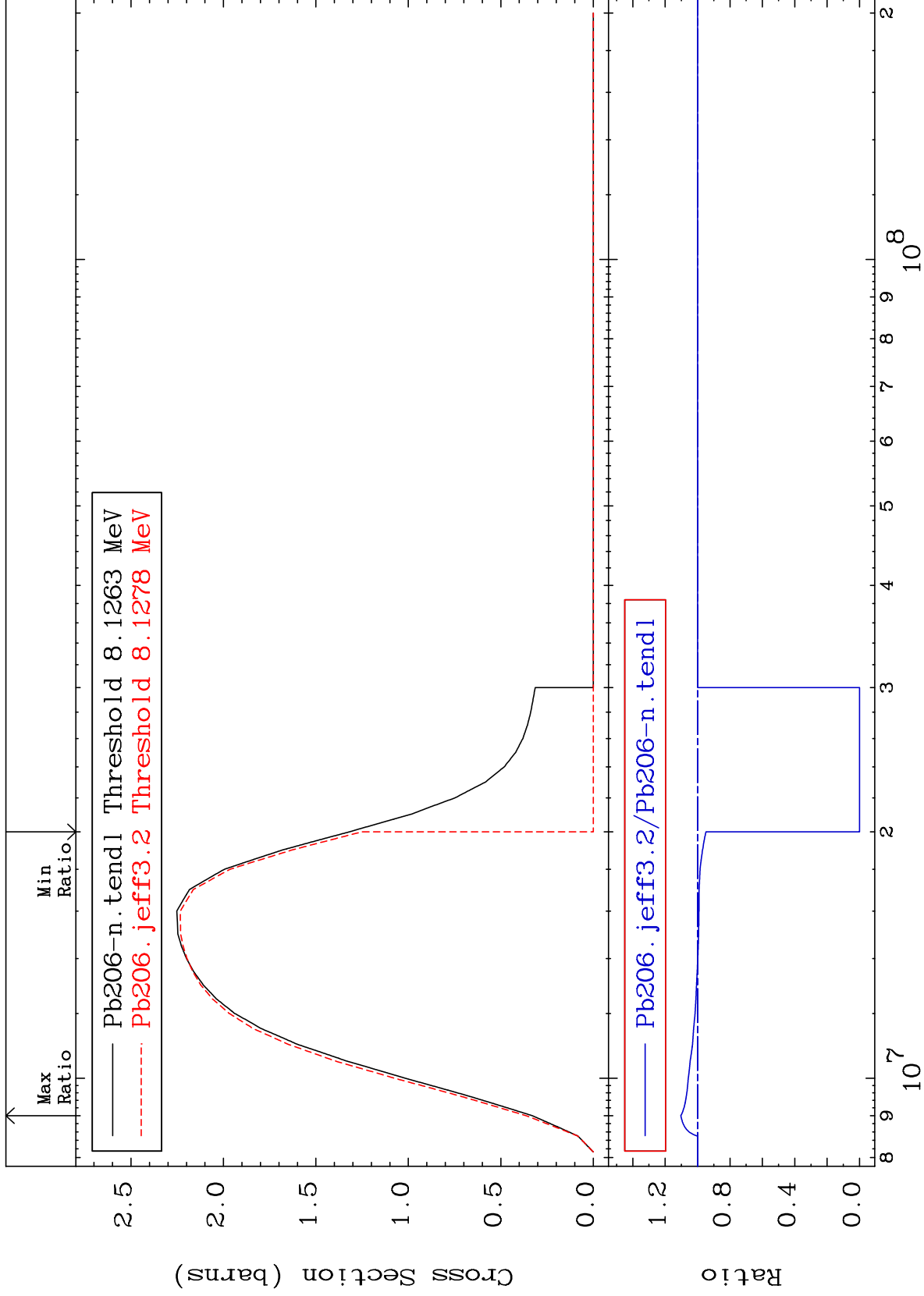
MAT 8231

(n,2n)

82-Pb-206

Cross Section

-100.0 To 10.37 %



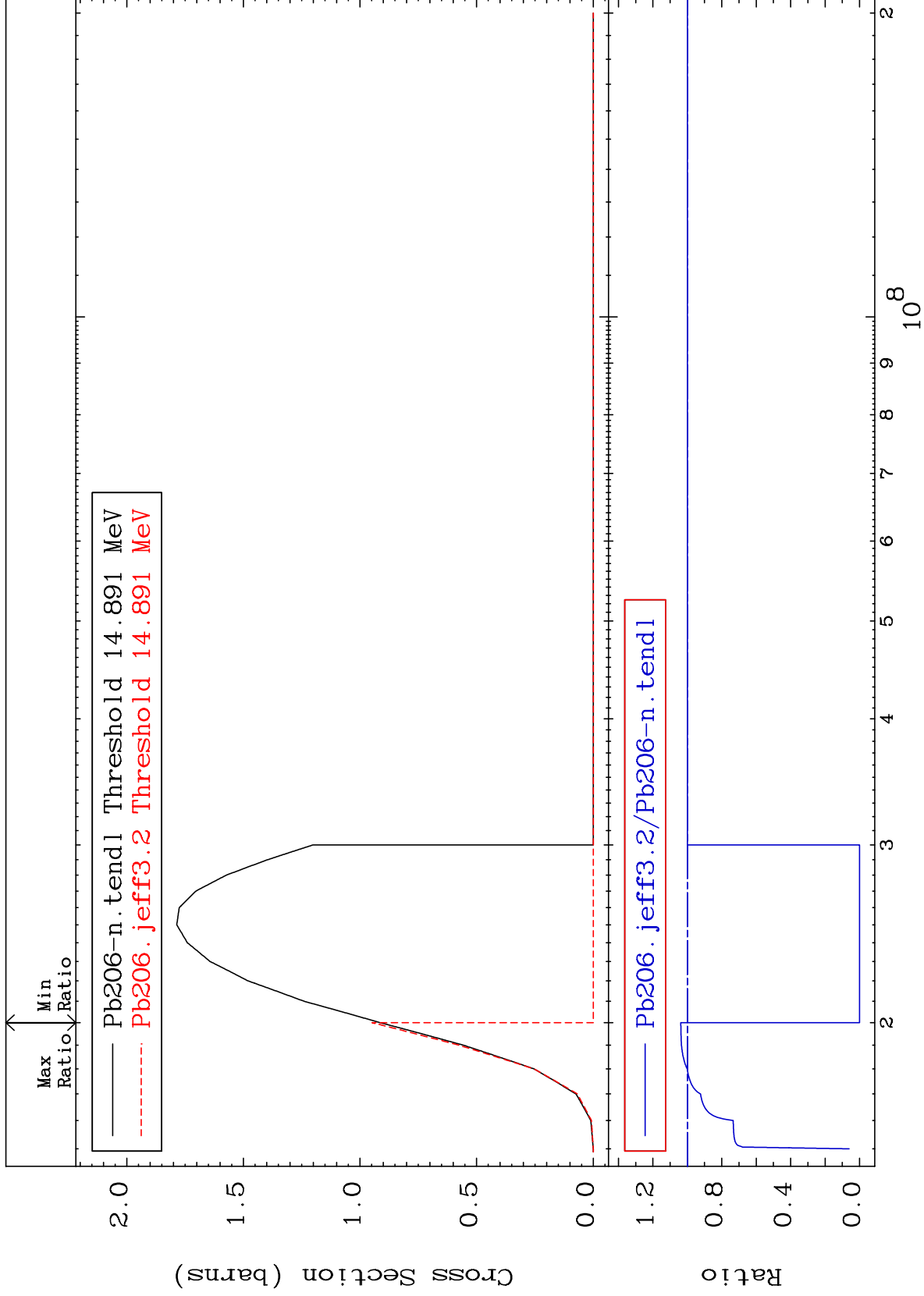
Incident Energy (eV)

82-Pb-206

5

Cross Section

-100.0 To 3.811 %



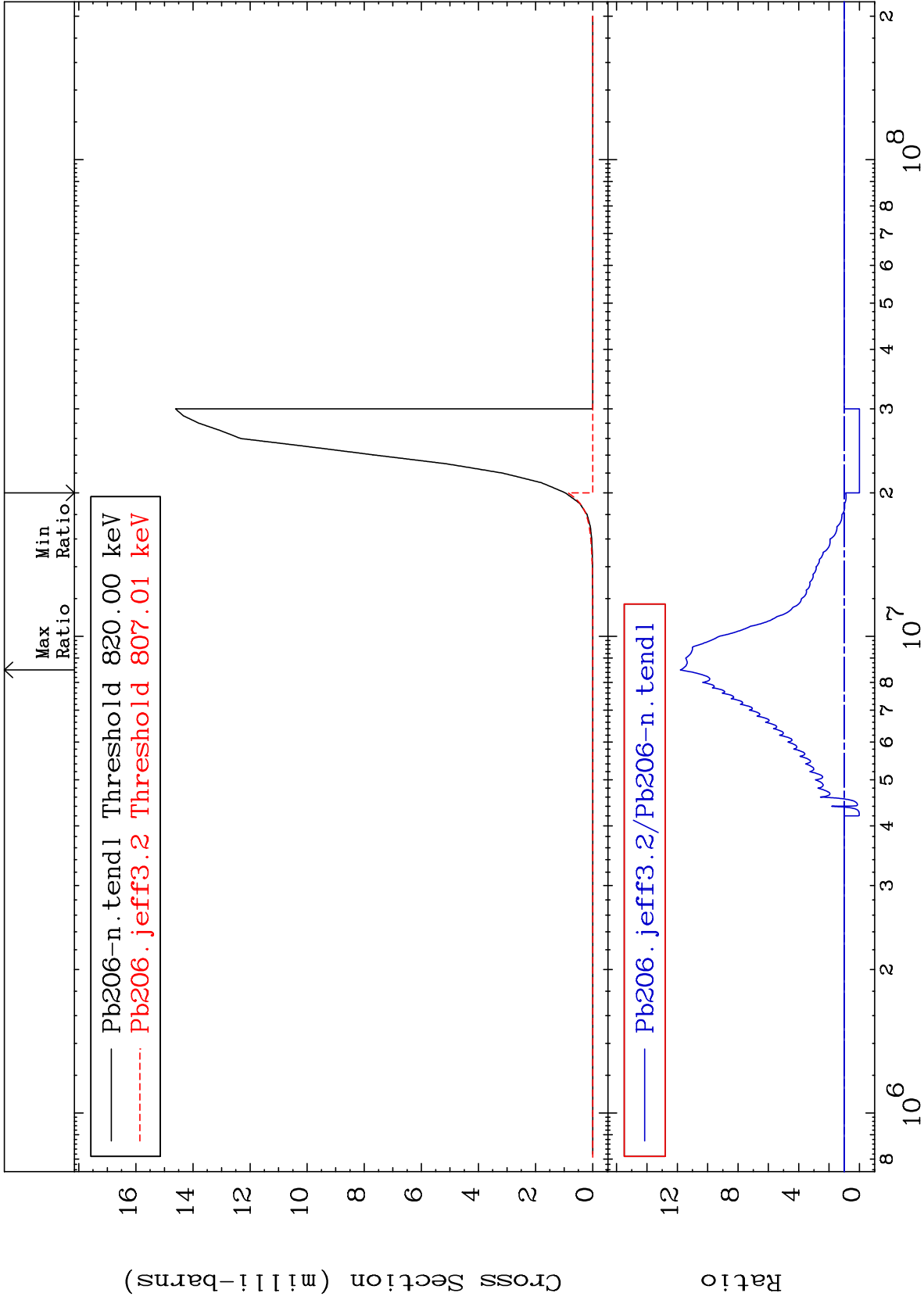
MAT 8231

(n, n') α

82-Pb-206

Cross Section

-100.0 To 1080. %



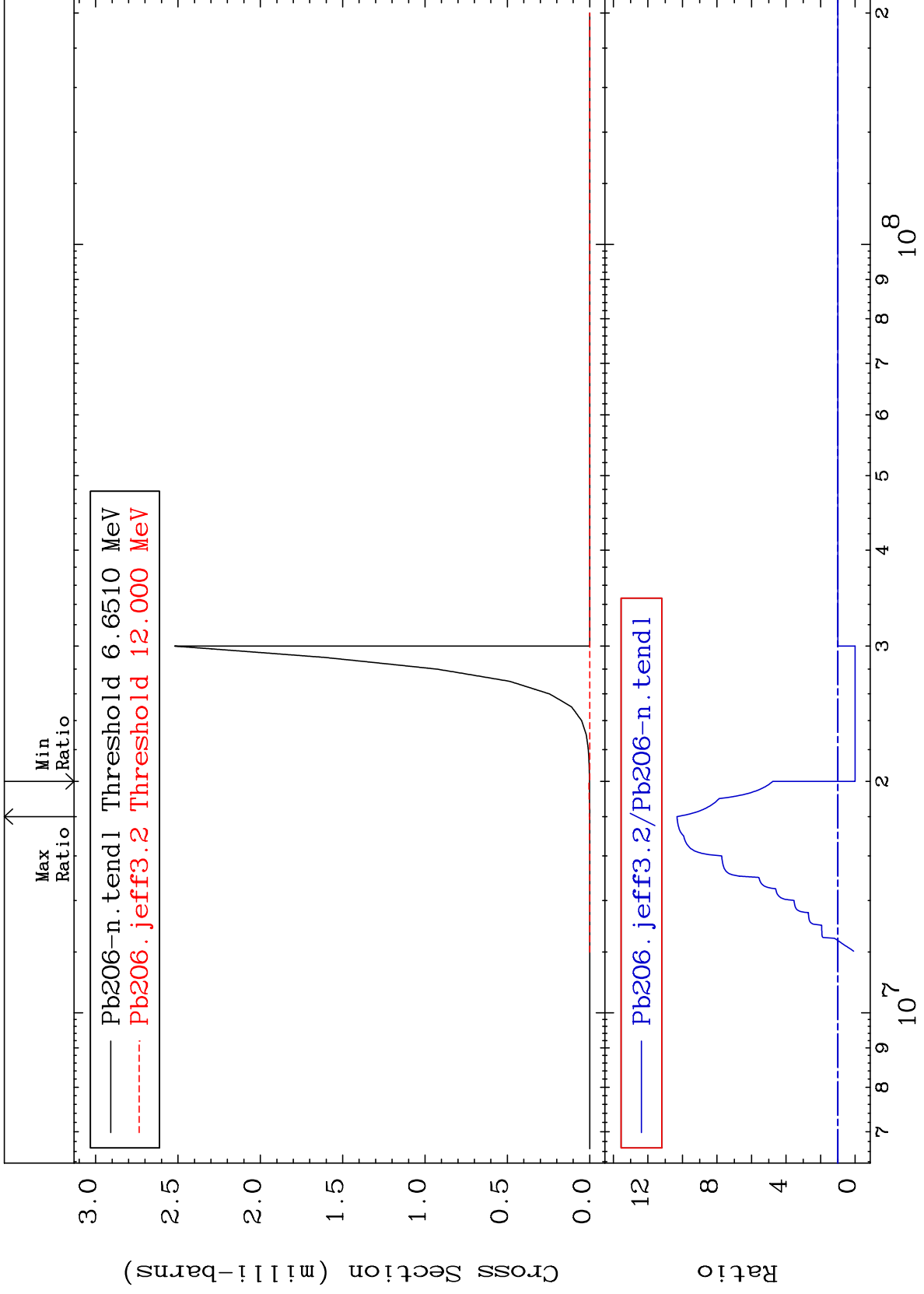
Incident Energy (eV)

82-Pb-206

MAT 8231

(n,2n) α
Cross Section

82-Pb-206
-100.0 To 932.1 %

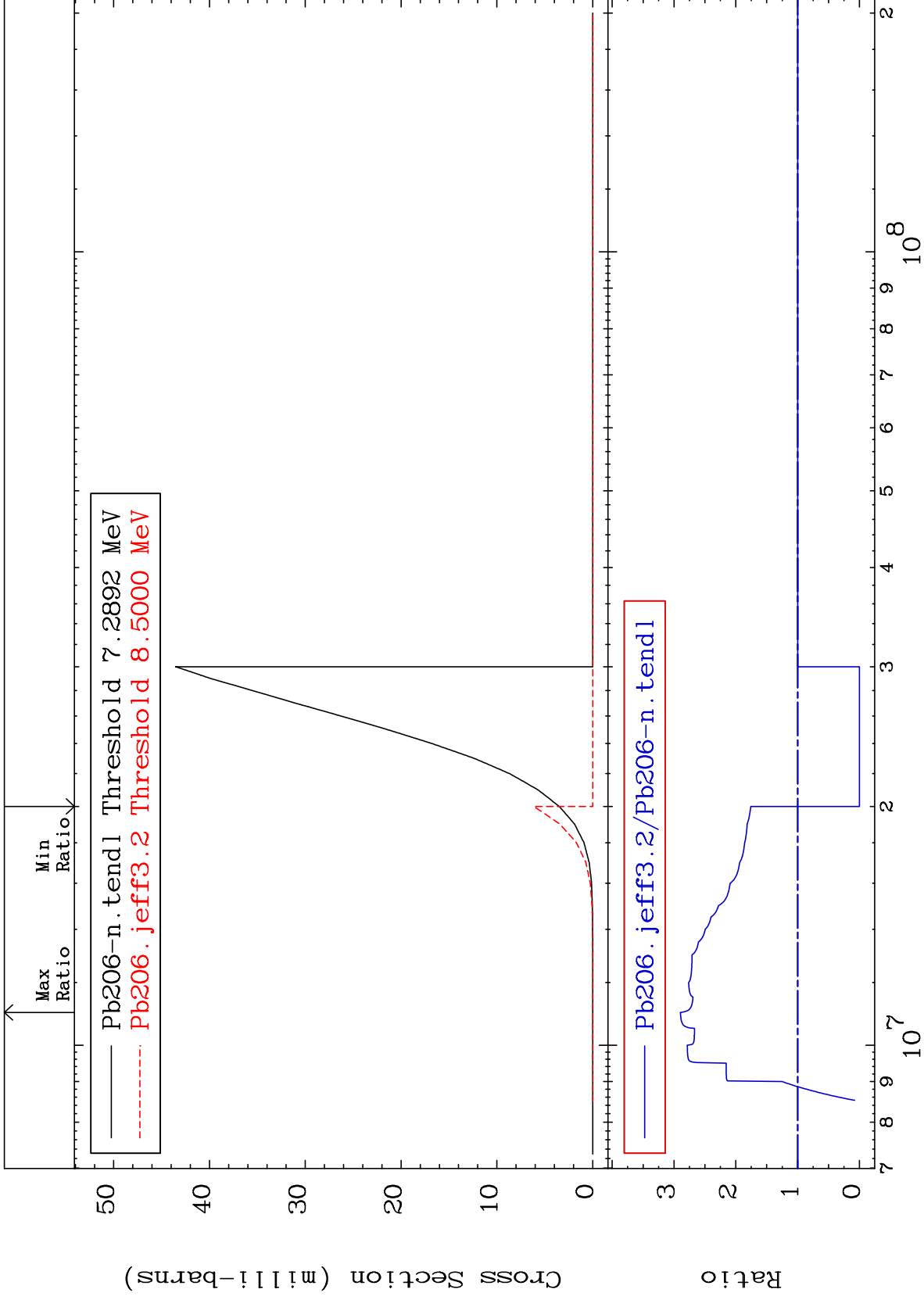


8

MAT 8231

(n, n') p
Cross Section

82-Pb-206
-100.0 To 189.7 %



9

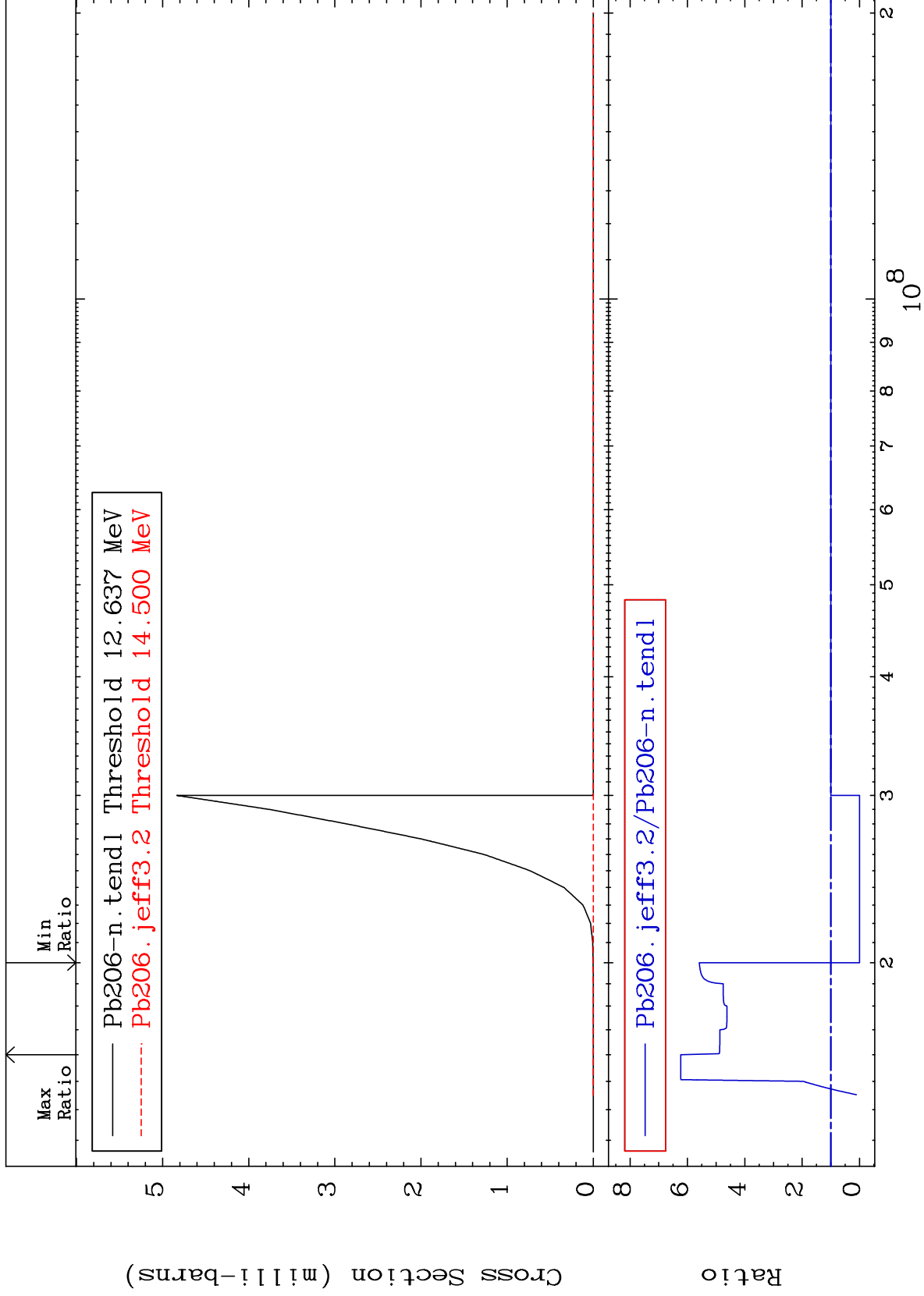
82-Pb-206

82-Pb-206

MAT 8231

(n,n') d
Cross Section

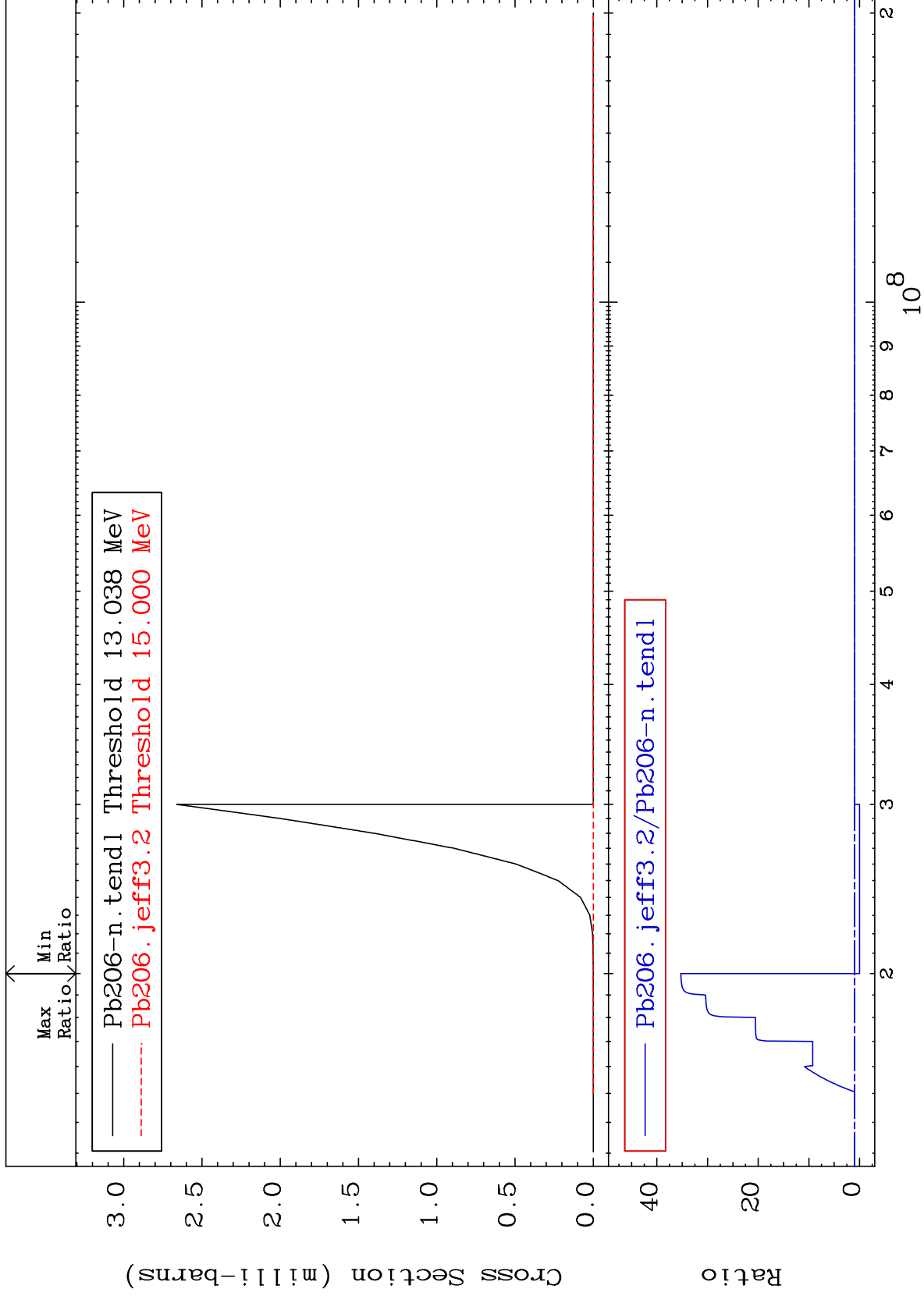
82-Pb-206
-100.0 To 523.3 %



10

Incident Energy (eV)

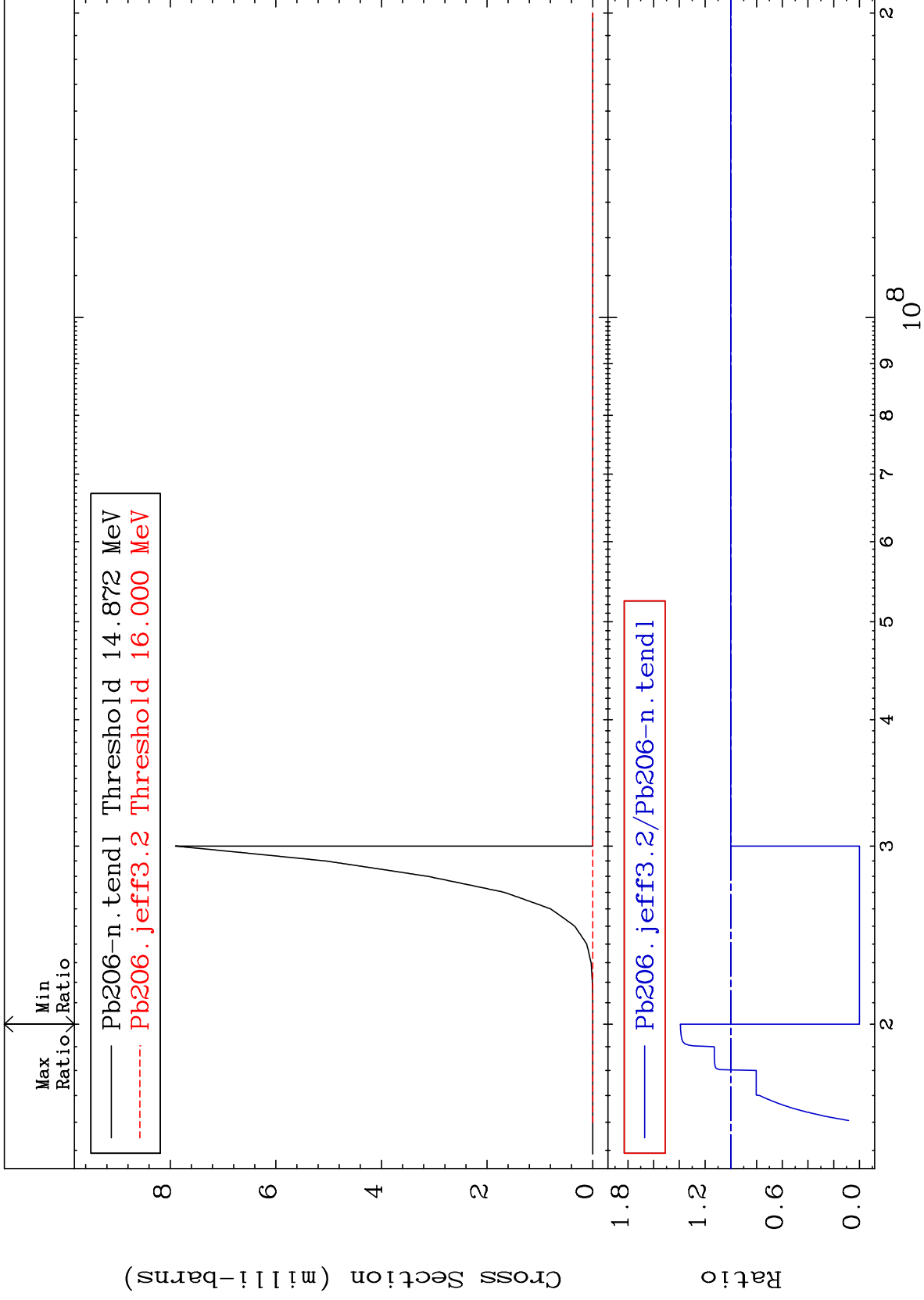
82-Pb-206



MAT 8231

(n,2n) p
Cross Section

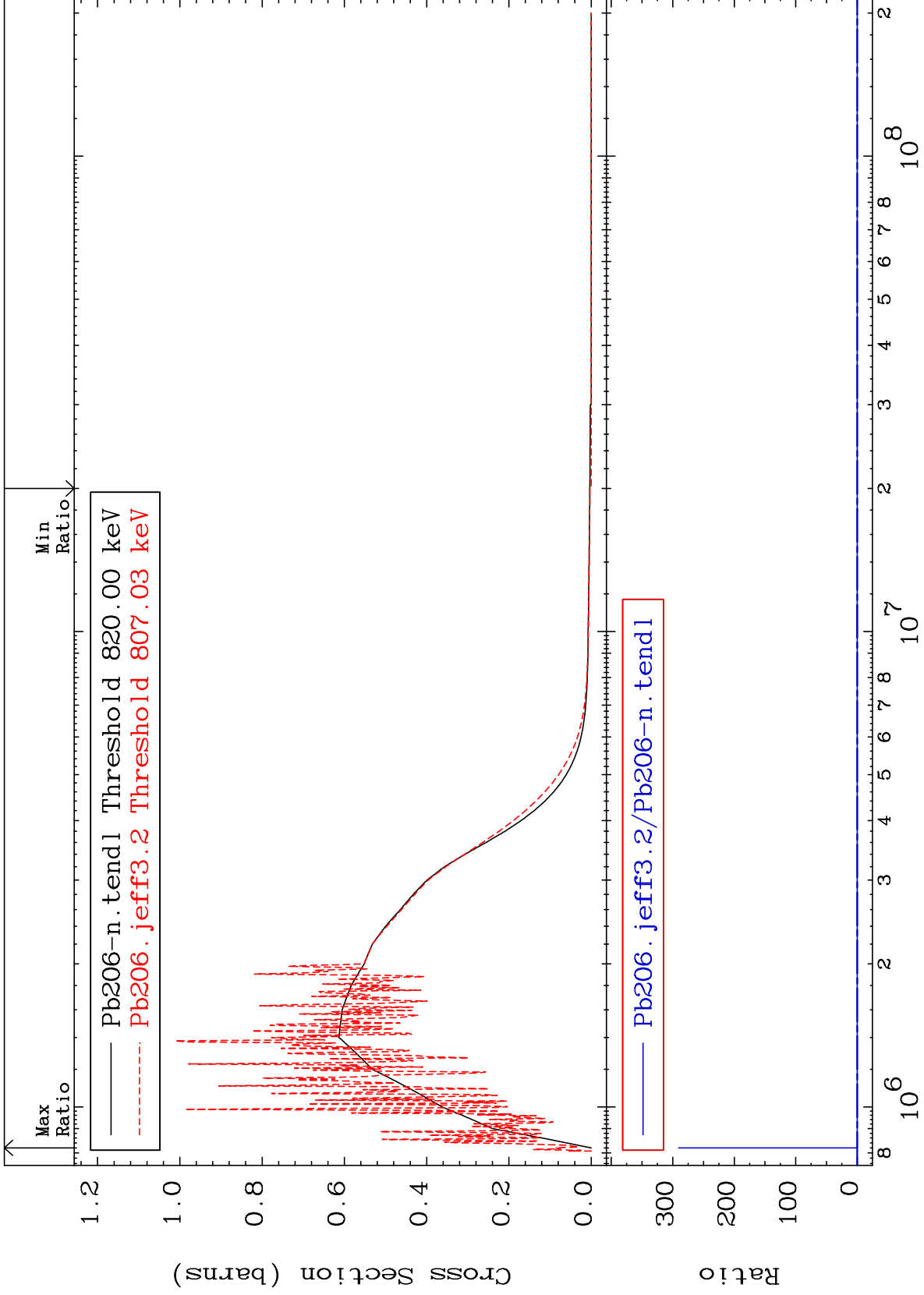
82-Pb-206
-100.0 To 39.23 %



MAT 8231

803.1 keV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 9999. %



13

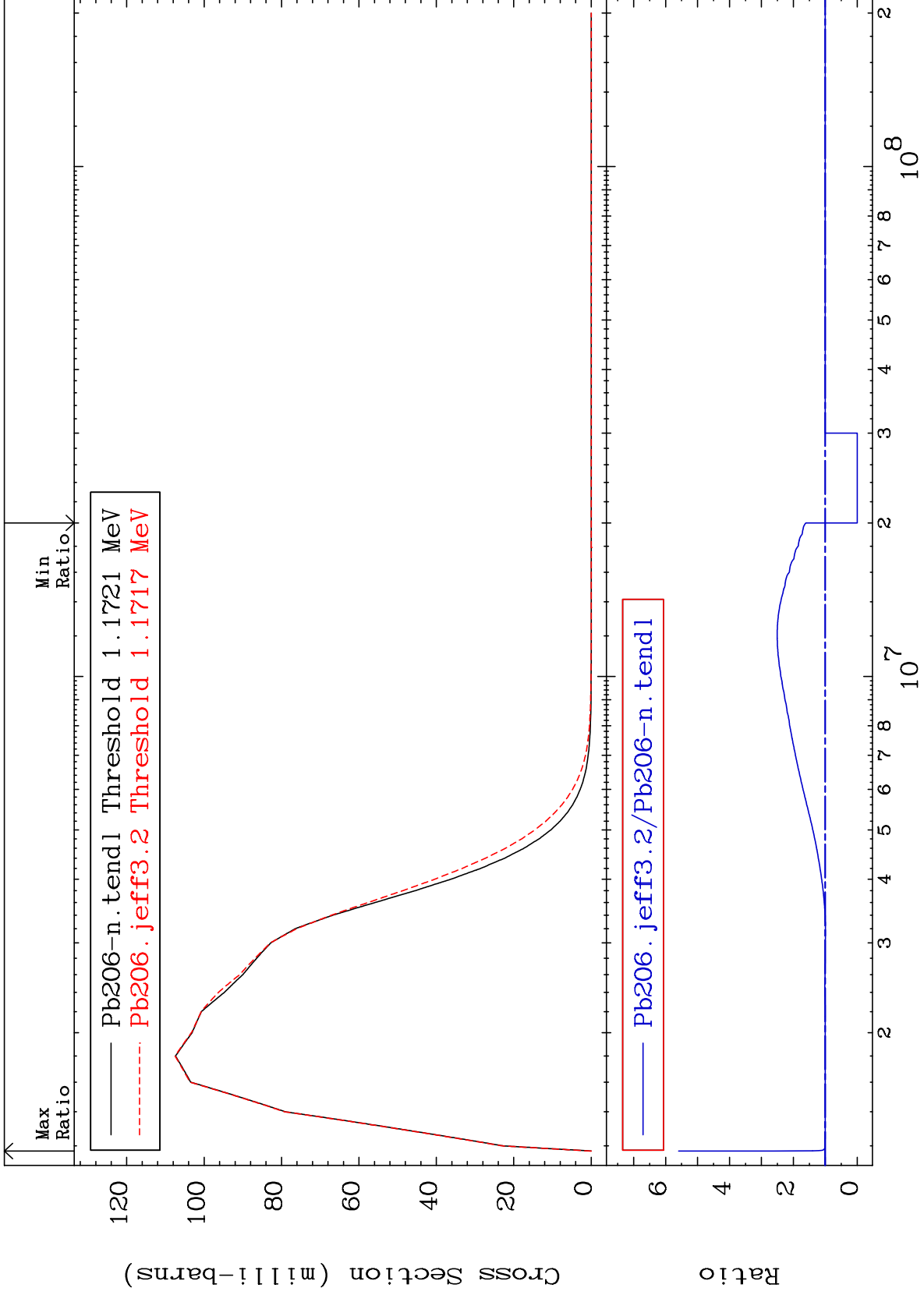
82-Pb-206

82-Pb-206

MAT 8231

1.166 MeV (n,n') Level
Cross Section

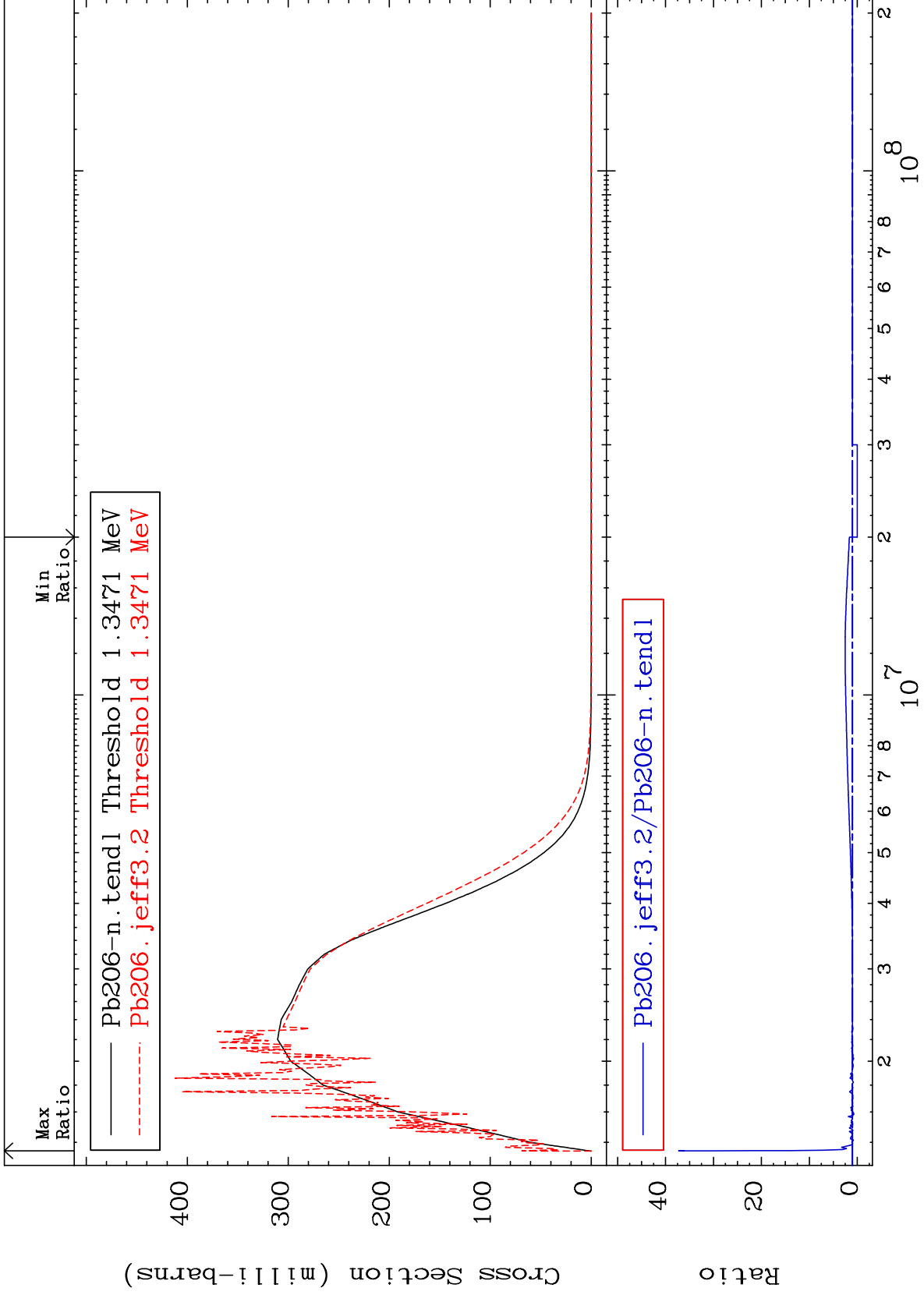
82-Pb-206
-100.0 To 459.3 %



MAT 8231

1.340 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 3627. %



15

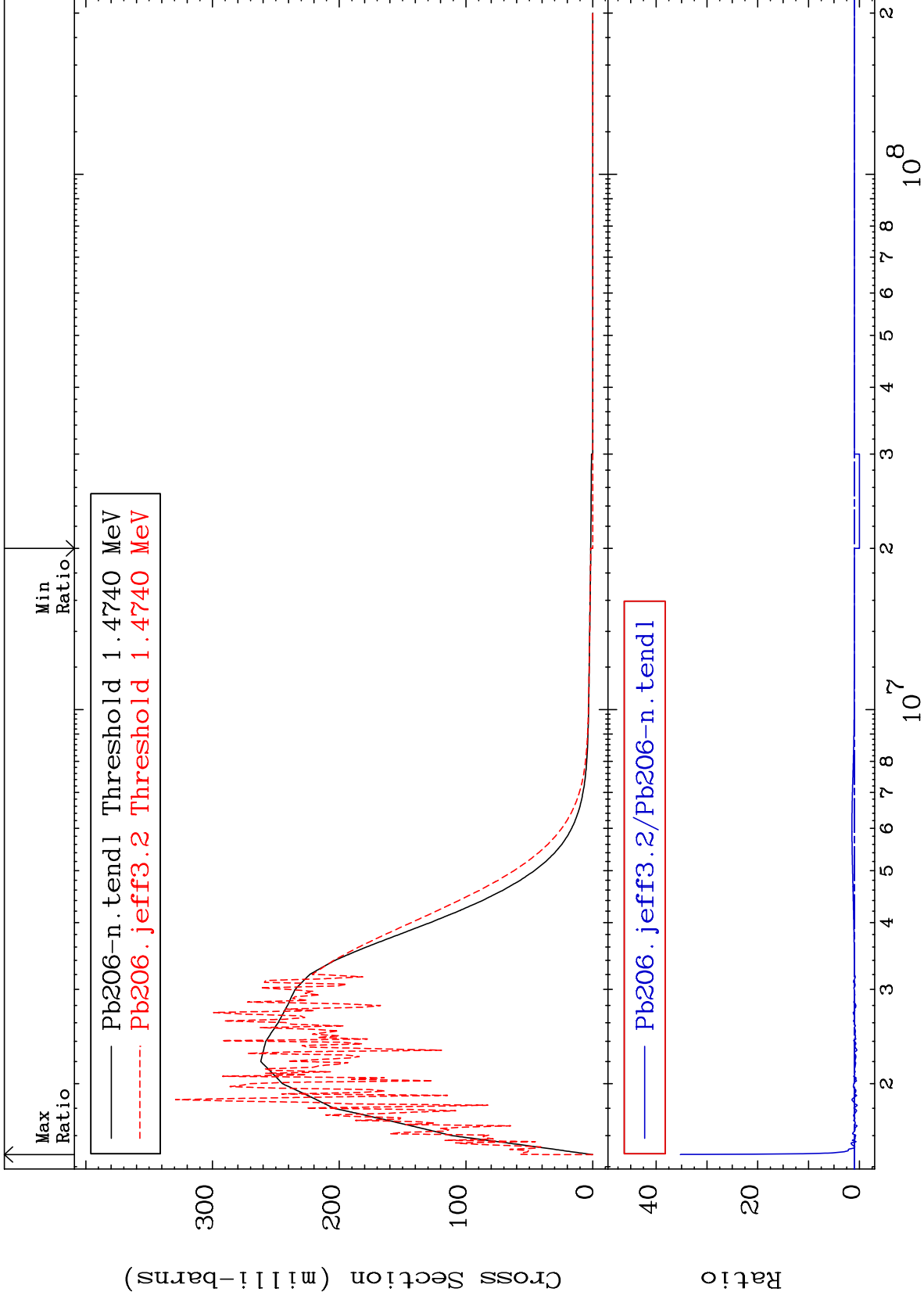
Incident Energy (eV)

82-Pb-206

MAT 8231

1.467 MeV (n,n') Level
Cross Section

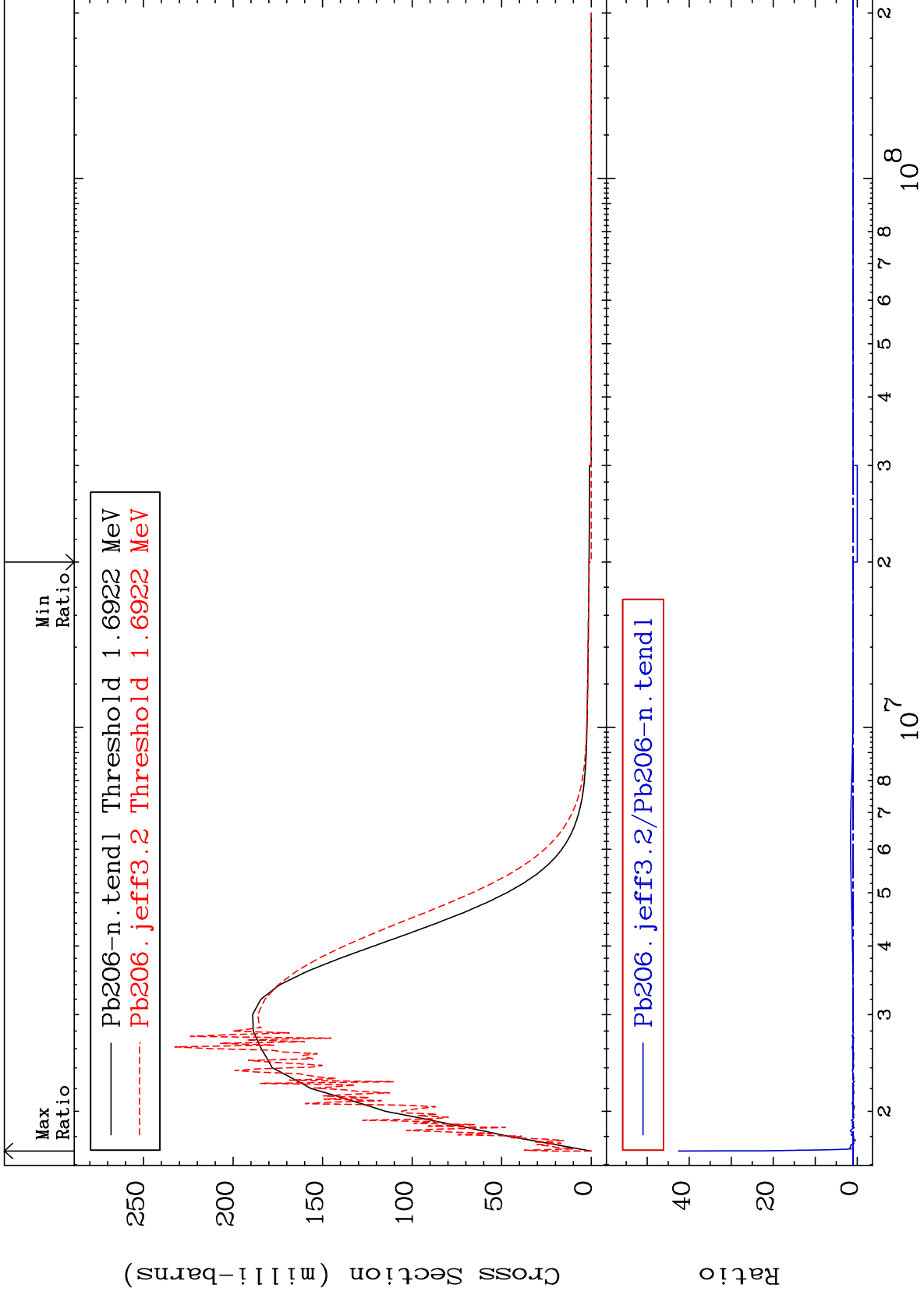
82-Pb-206
-100.0 To 3422. %



MAT 8231

1.684 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 4151. %



17

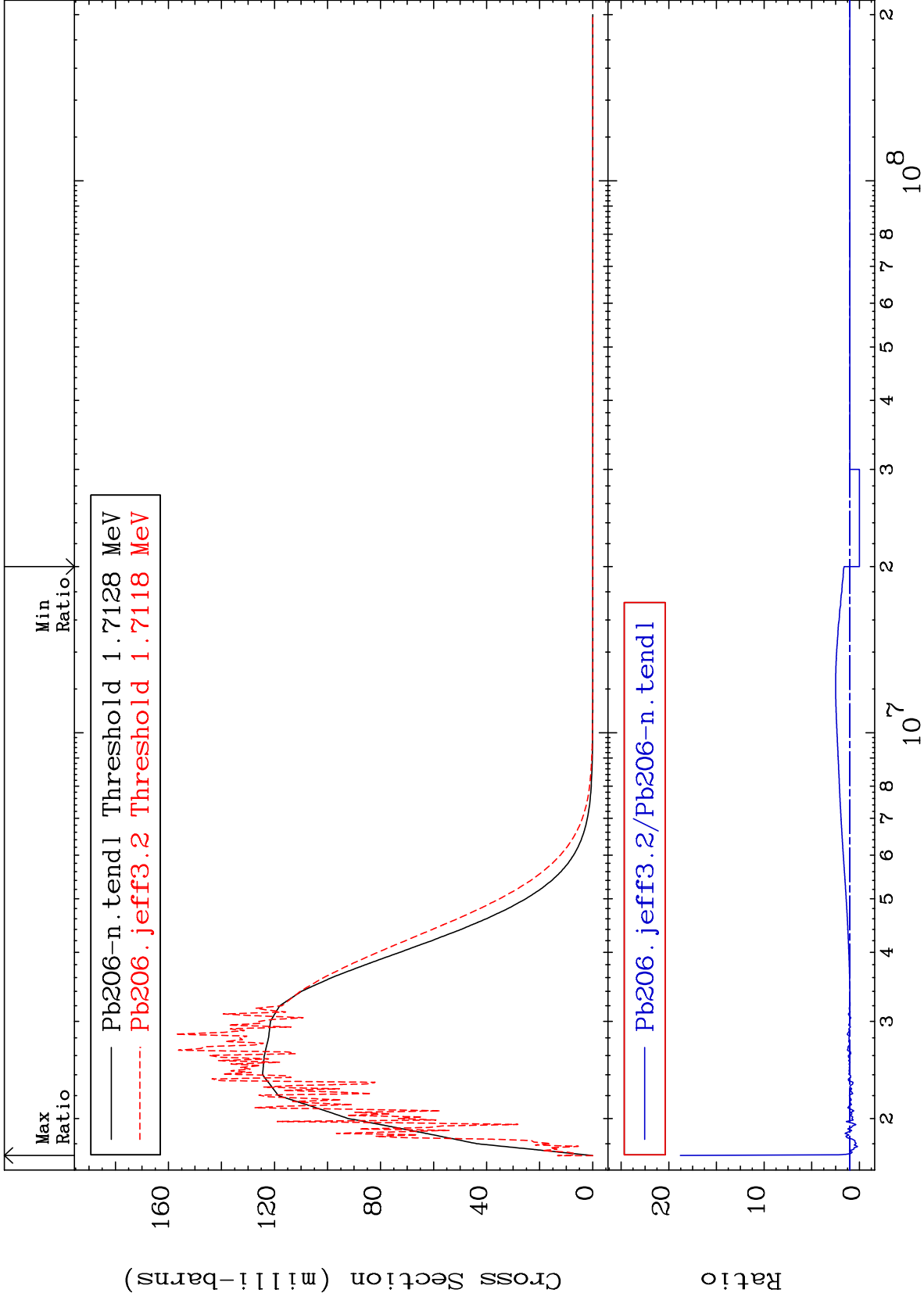
Incident Energy (eV)

82-Pb-206

MAT 8231

1.704 MeV (n,n') Level
Cross Section

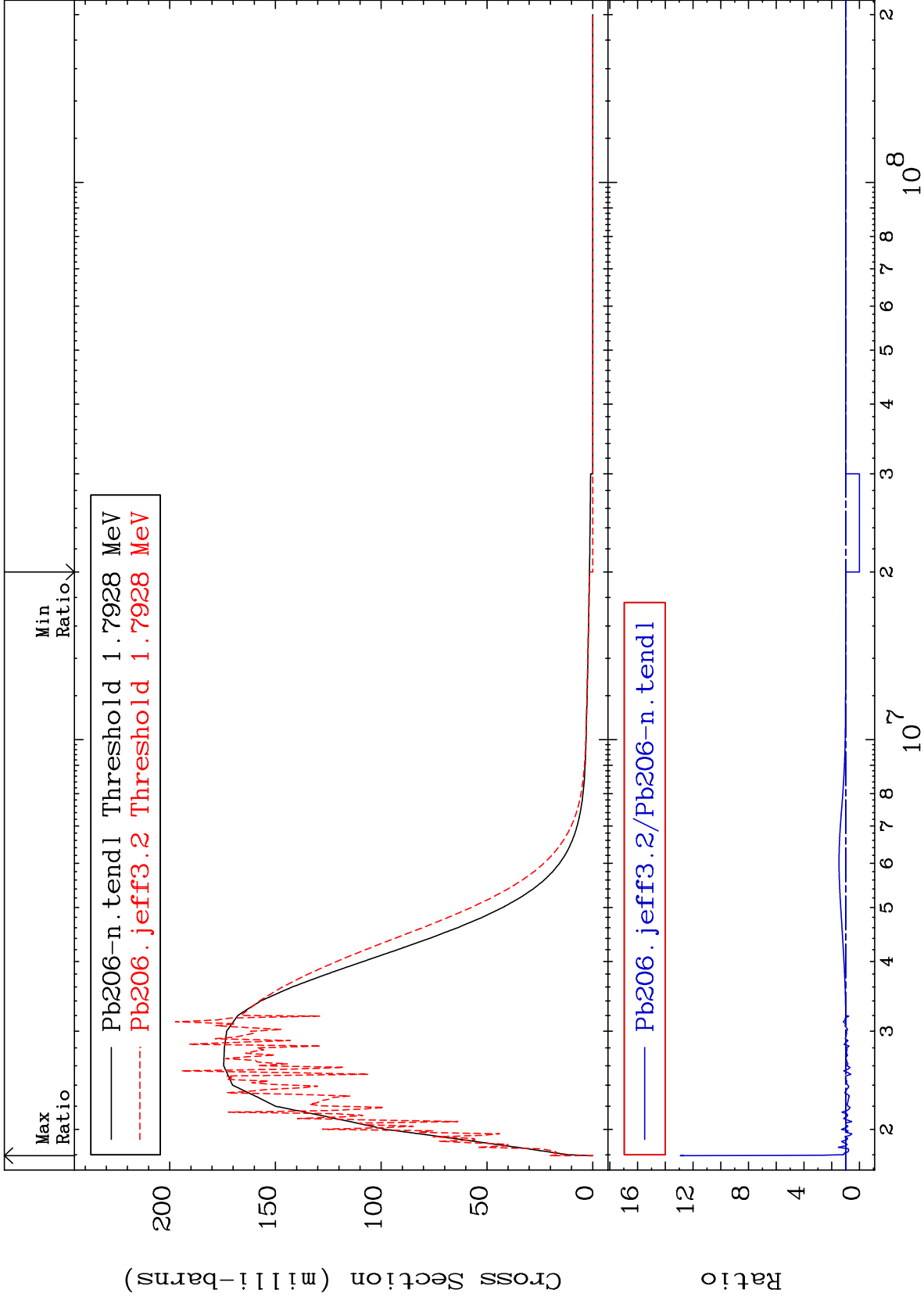
82-Pb-206
-100.0 To 1779. %



MAT 8231

1.784 MeV (n,n') Level
Cross Section

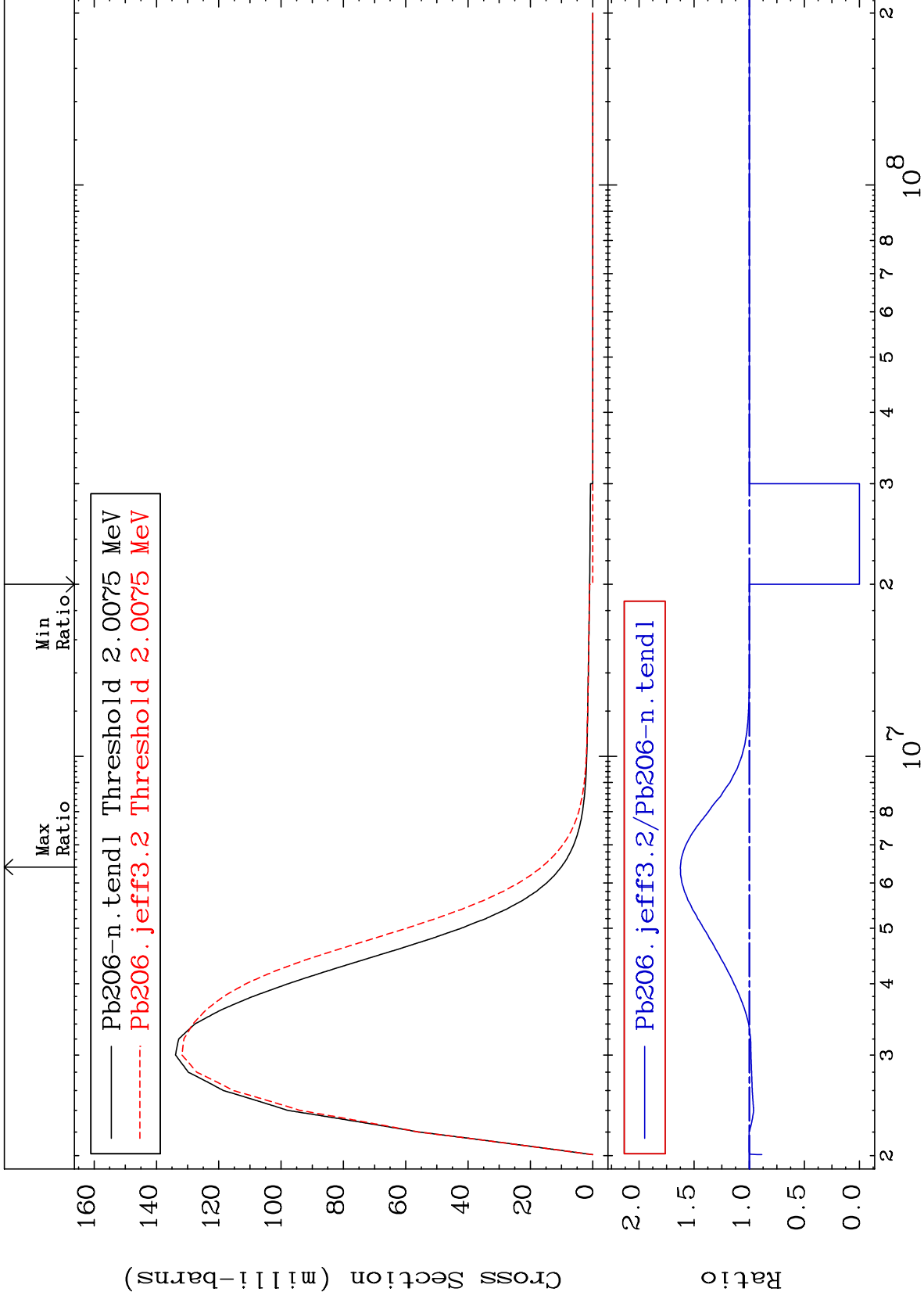
82-Pb-206
-100.0 To 1192. %



MAT 8231

1.998 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 62.53 %



20

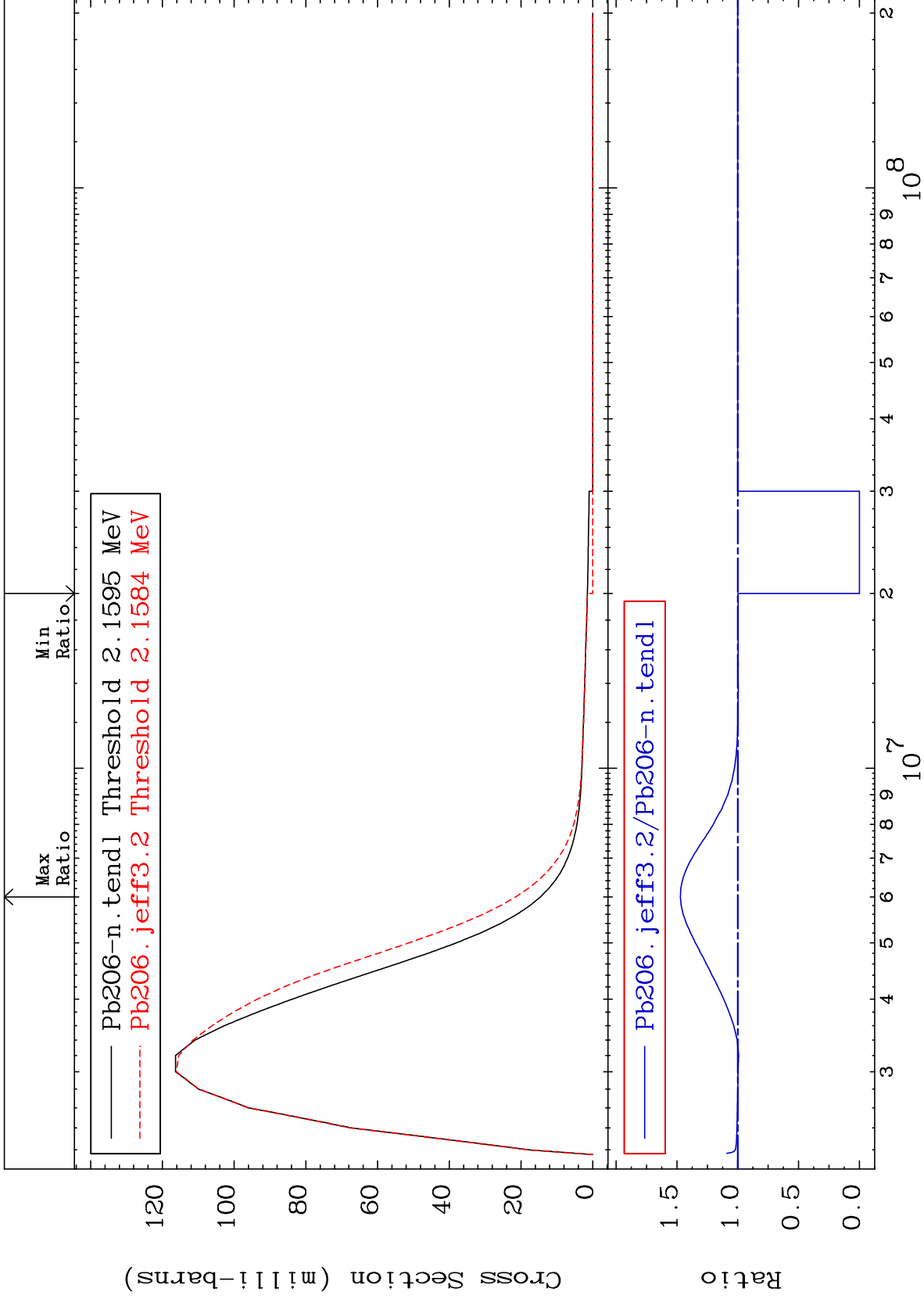
Incident Energy (eV)

82-Pb-206

MAT 8231

2.149 MeV (n,n') Level
Cross Section

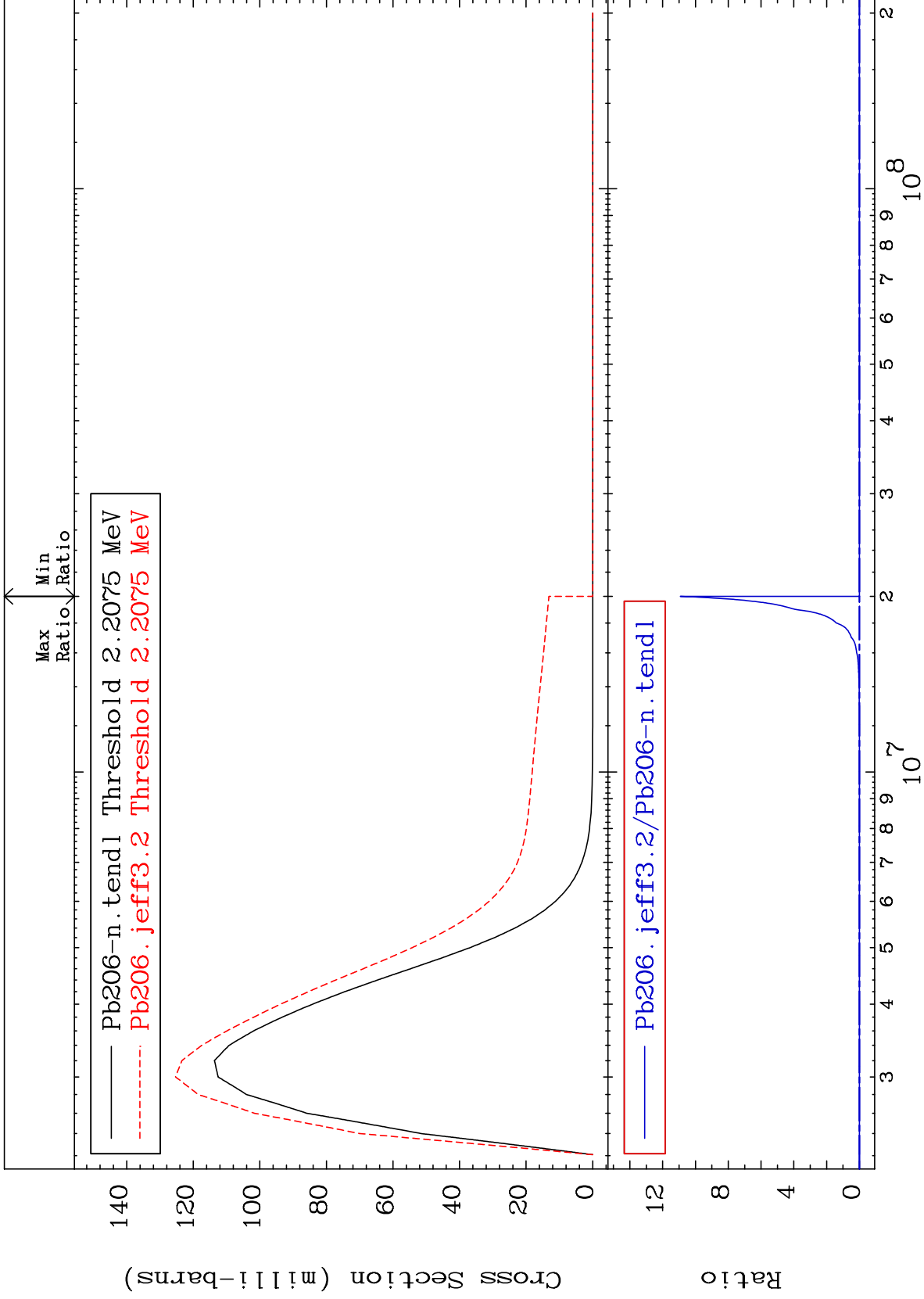
82-Pb-206
-100.0 To 47.16 %



MAT 8231

2.197 MeV (n,n') Level
Cross Section

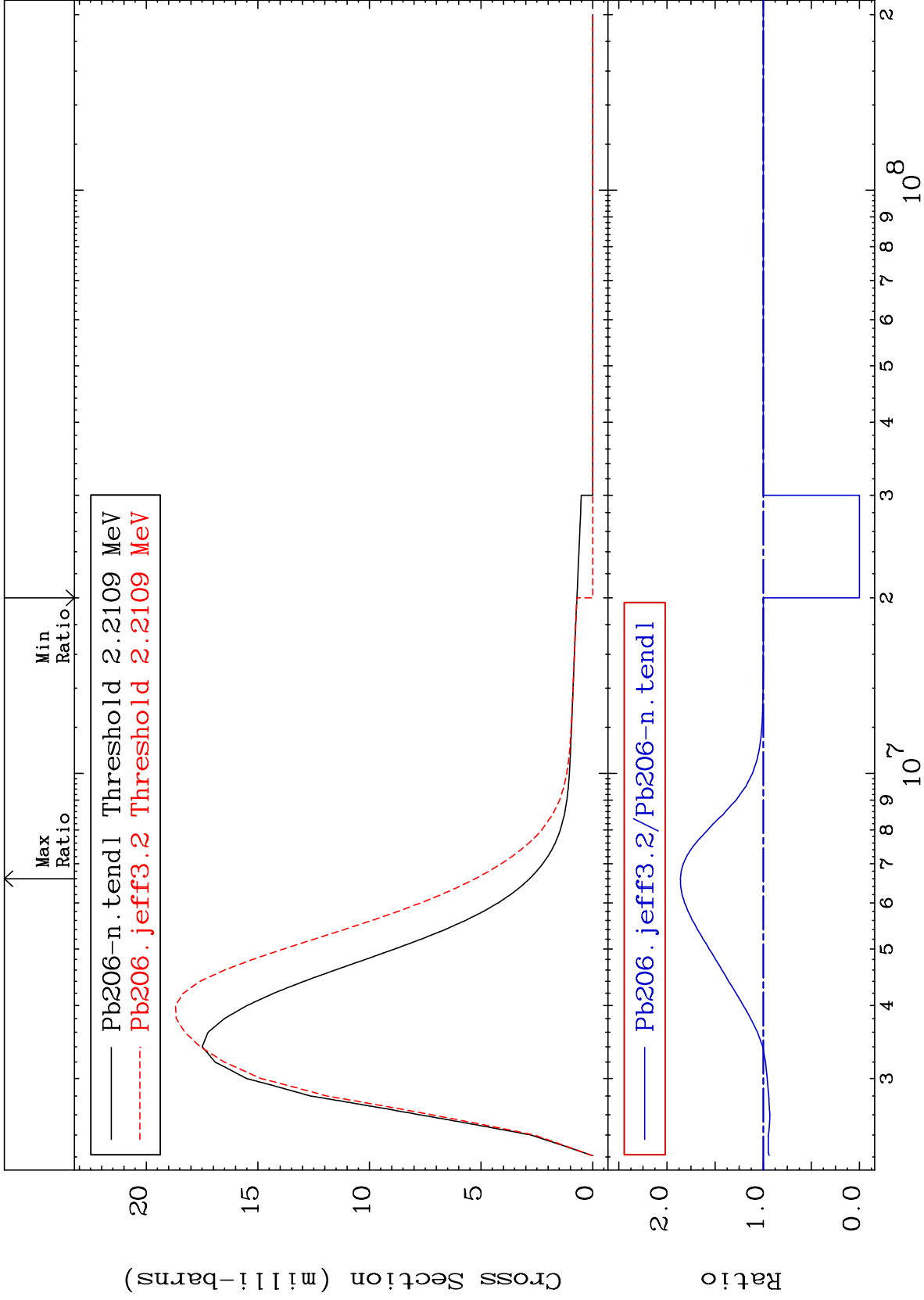
82-Pb-206
-100.0 To 9999. %



MAT 8231

2.200 MeV (n,n') Level
Cross Section

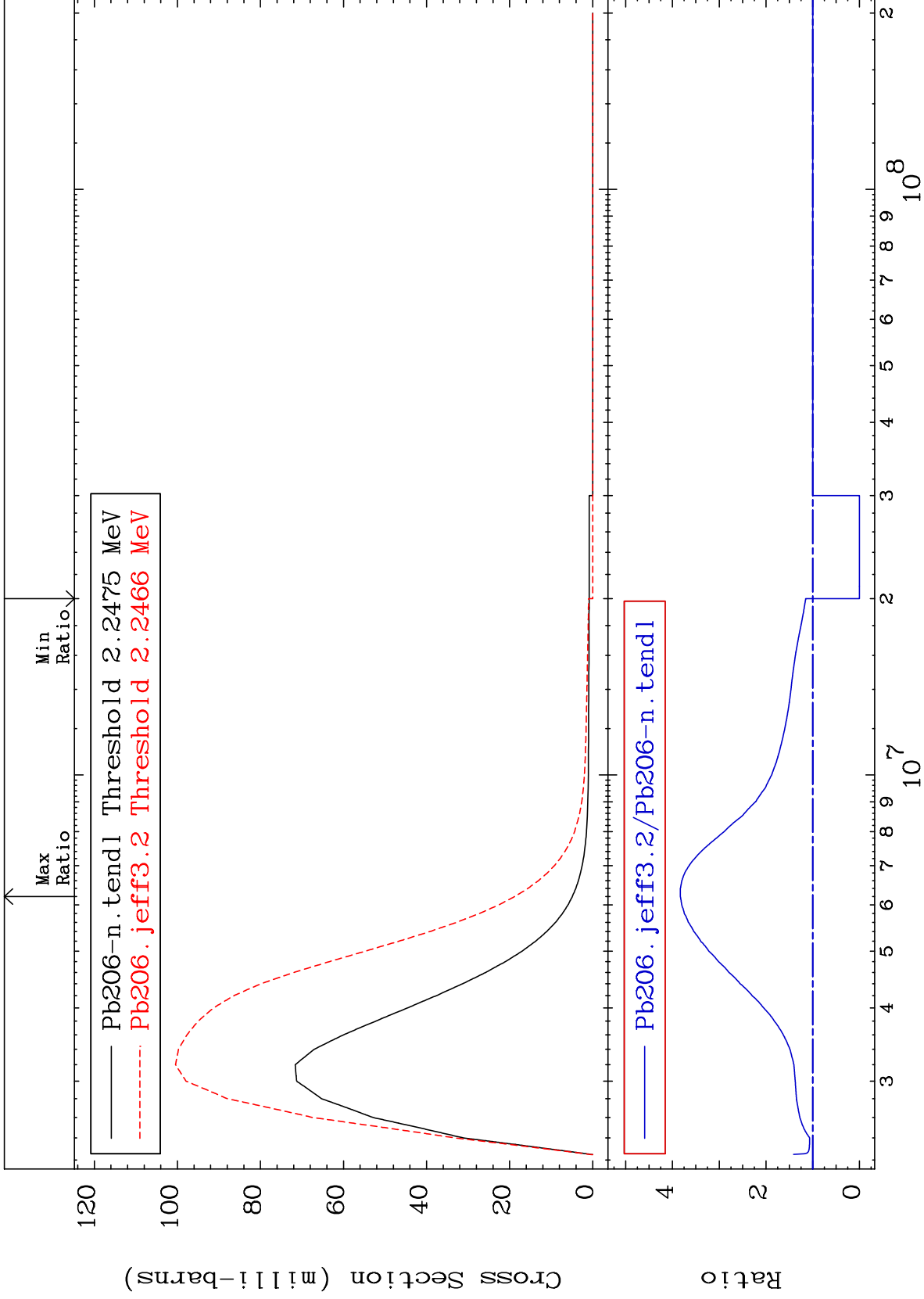
82-Pb-206
-100.0 To 86.11 %



MAT 8231

2.237 MeV (n,n') Level
Cross Section

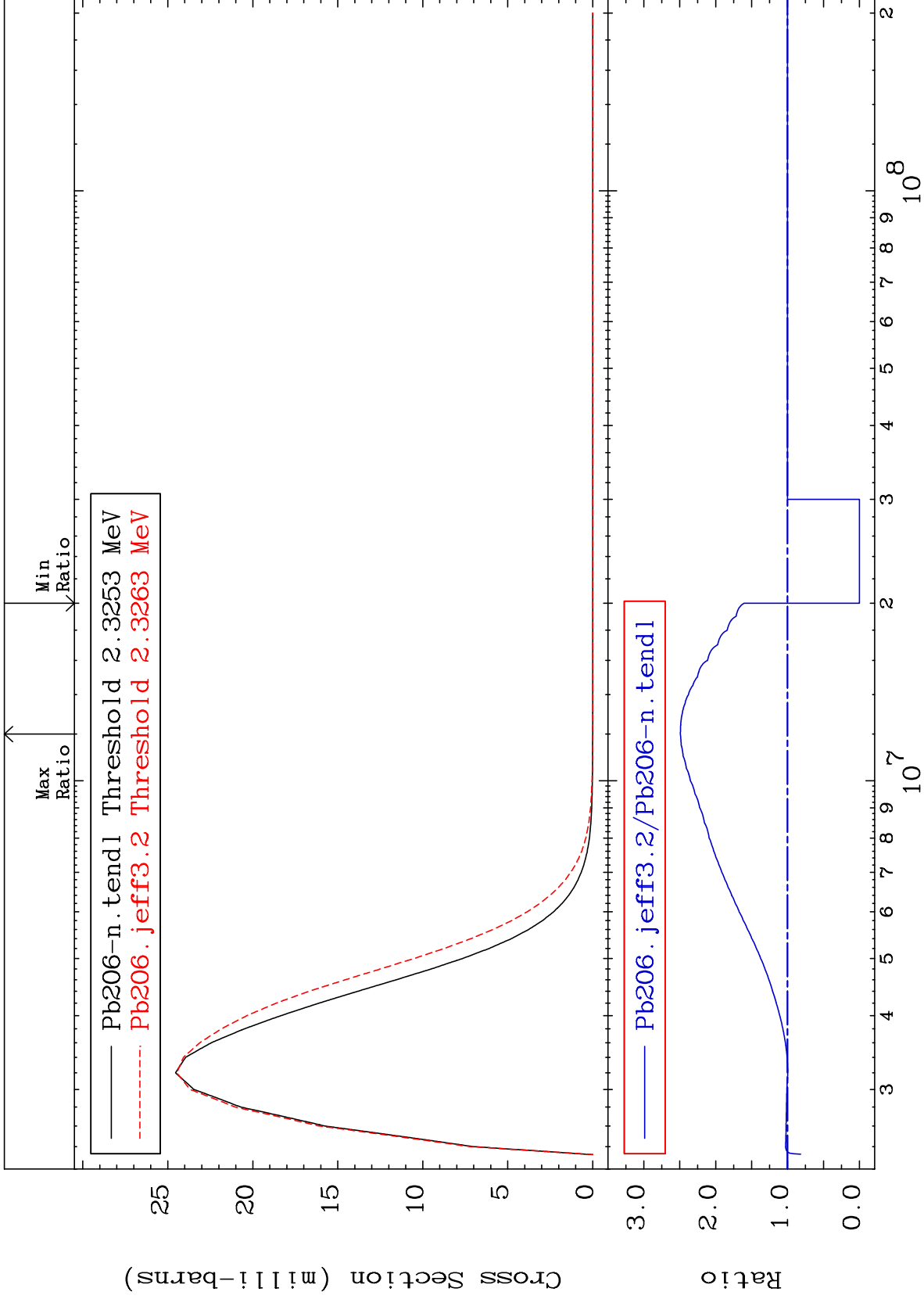
82-Pb-206
-100.0 To 283.1 %



MAT 8231

2.314 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 149.1 %



25

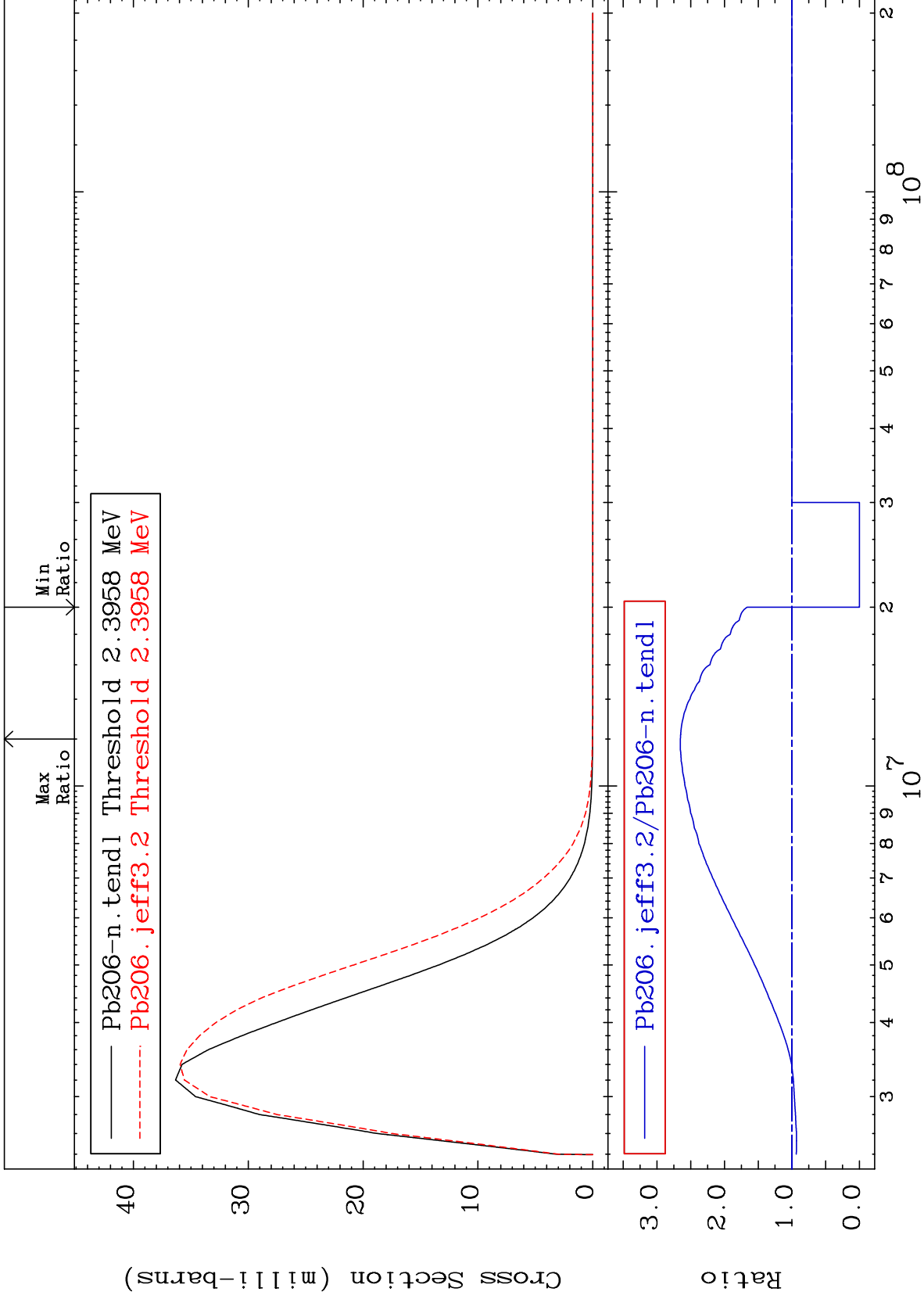
Incident Energy (eV)

82-Pb-206

MAT 8231

2.384 MeV (n,n') Level
Cross Section

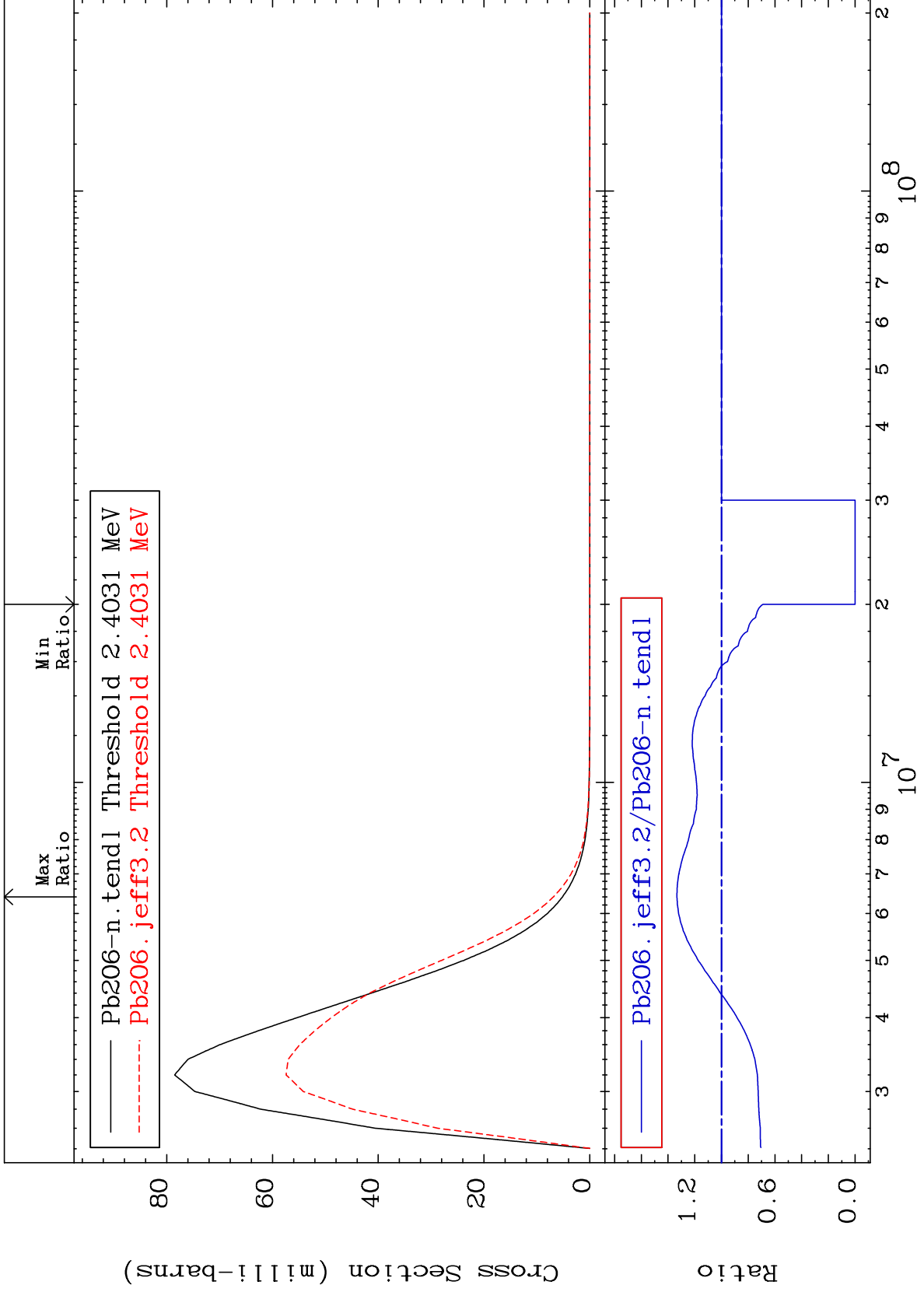
82-Pb-206
-100.0 To 165.3 %



MAT 8231

2.391 MeV (n,n') Level
Cross Section

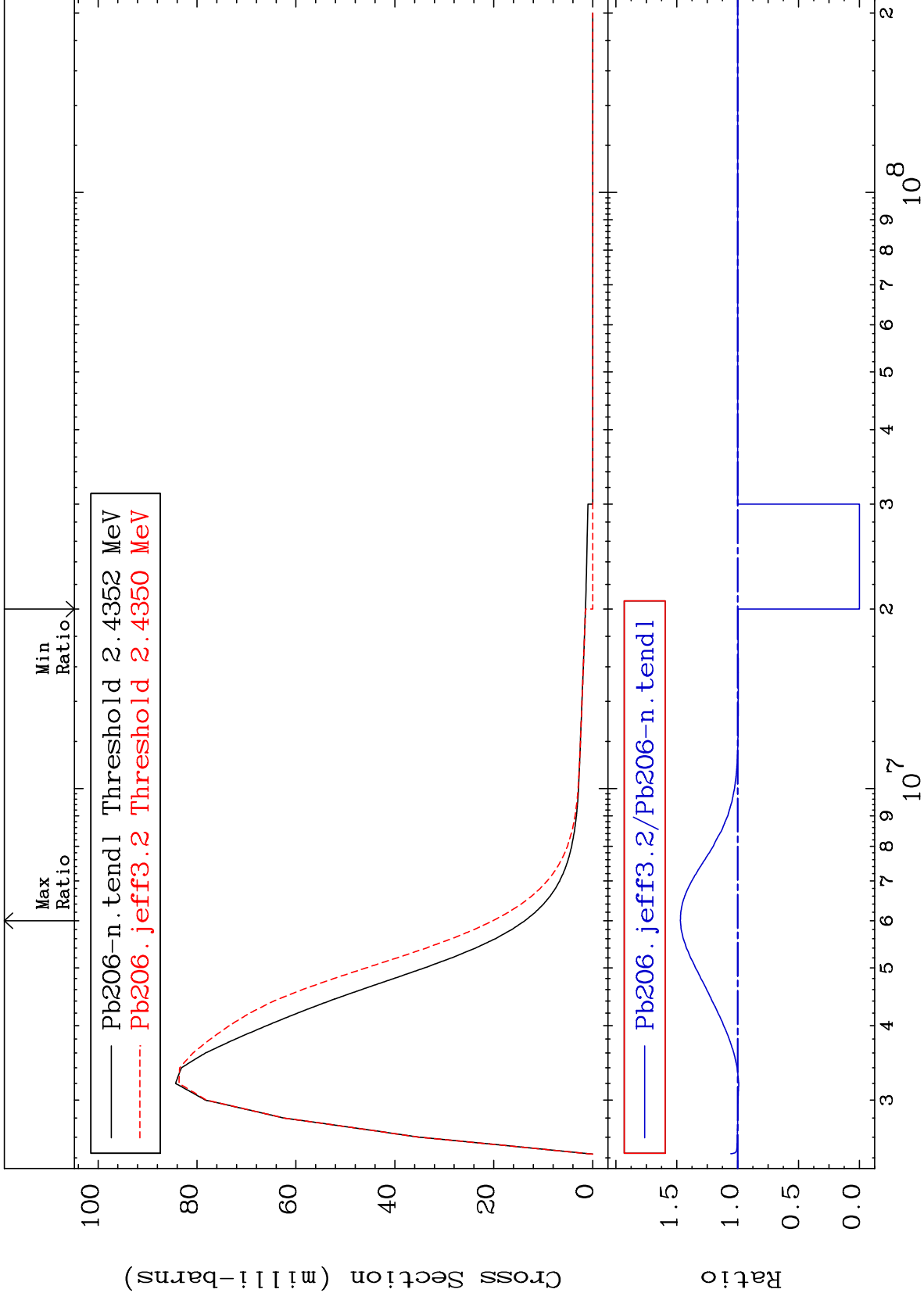
82-Pb-206
-100.0 To 33.37 %



MAT 8231

2.423 MeV (n,n') Level
Cross Section

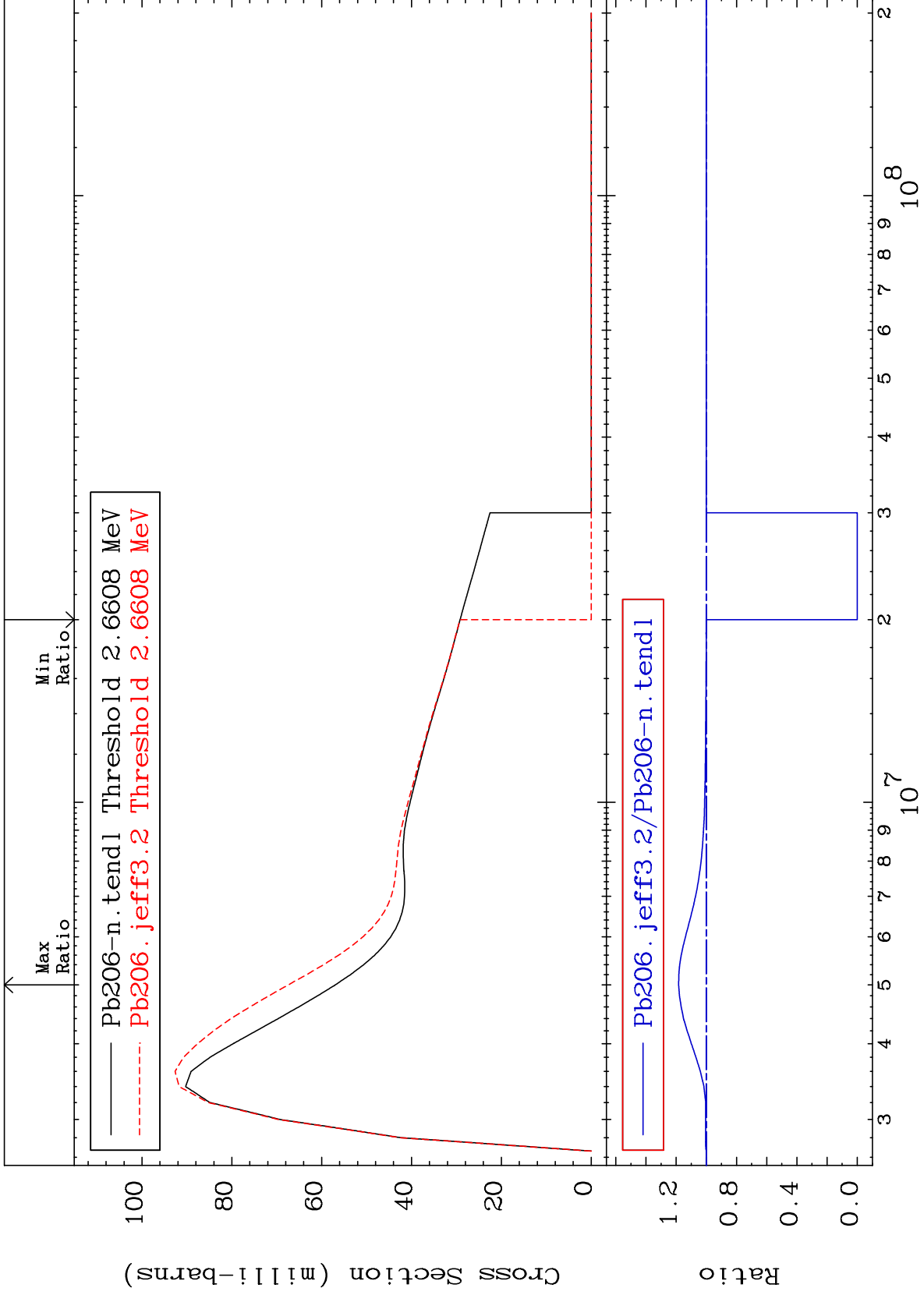
82-Pb-206
-100.0 To 47.10 %



MAT 8231

2.648 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 18.36 %

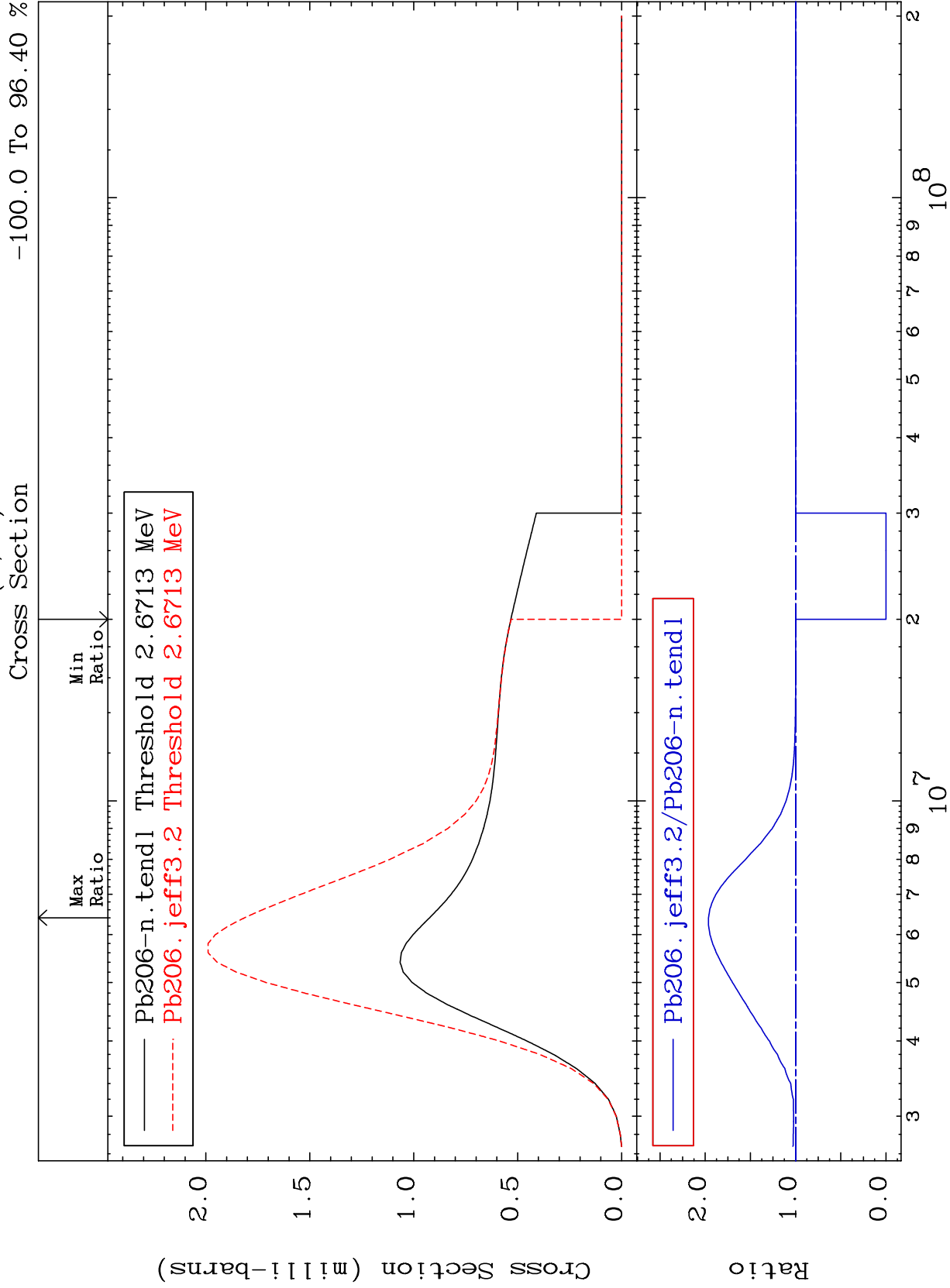


MAT 8231

2.658 MeV (n,n') Level

82-Pb-206

-100.0 To 96.40 %



30

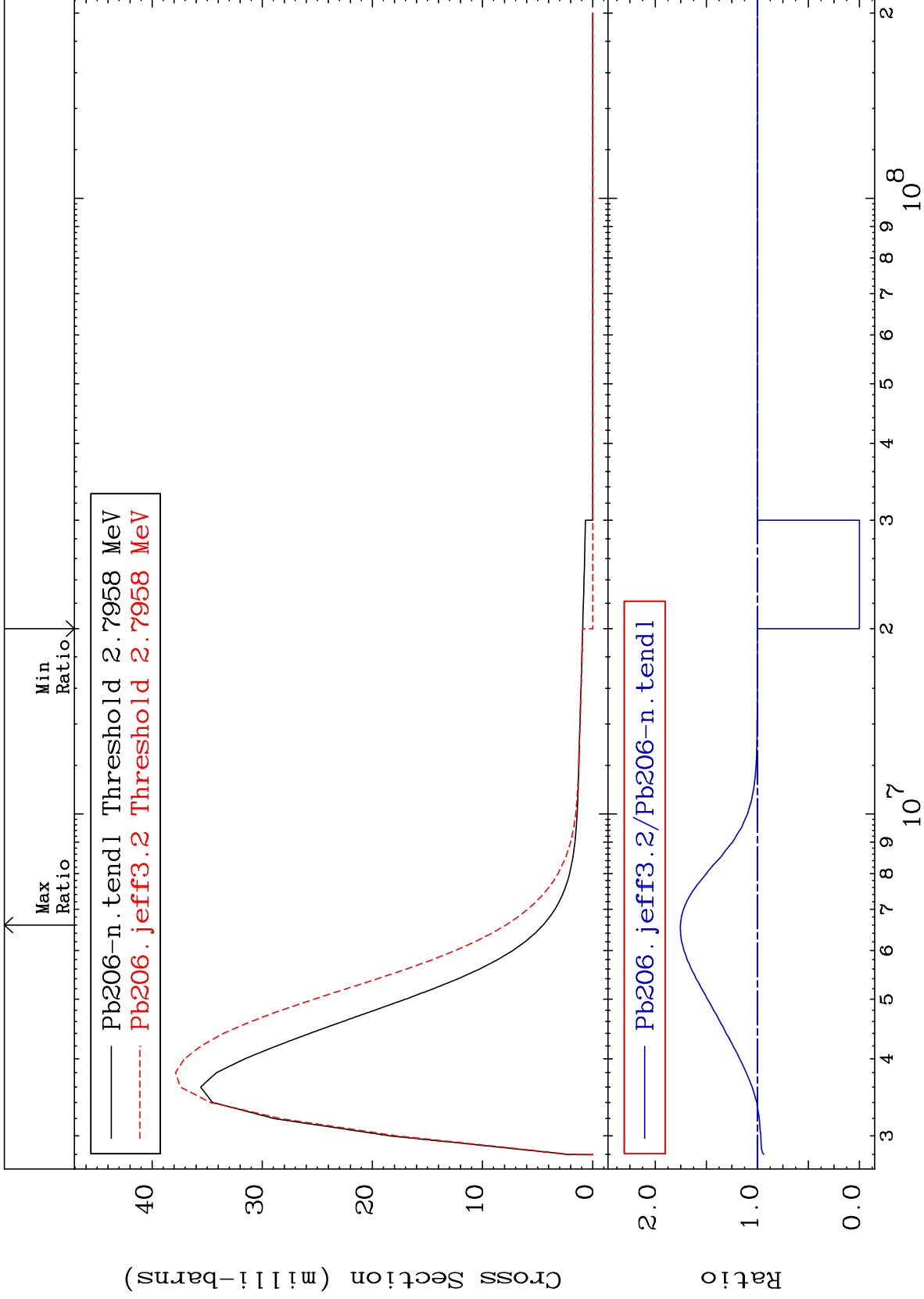
82-Pb-206

82-Pb-206

MAT 8231

2.782 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 75.45 %



31

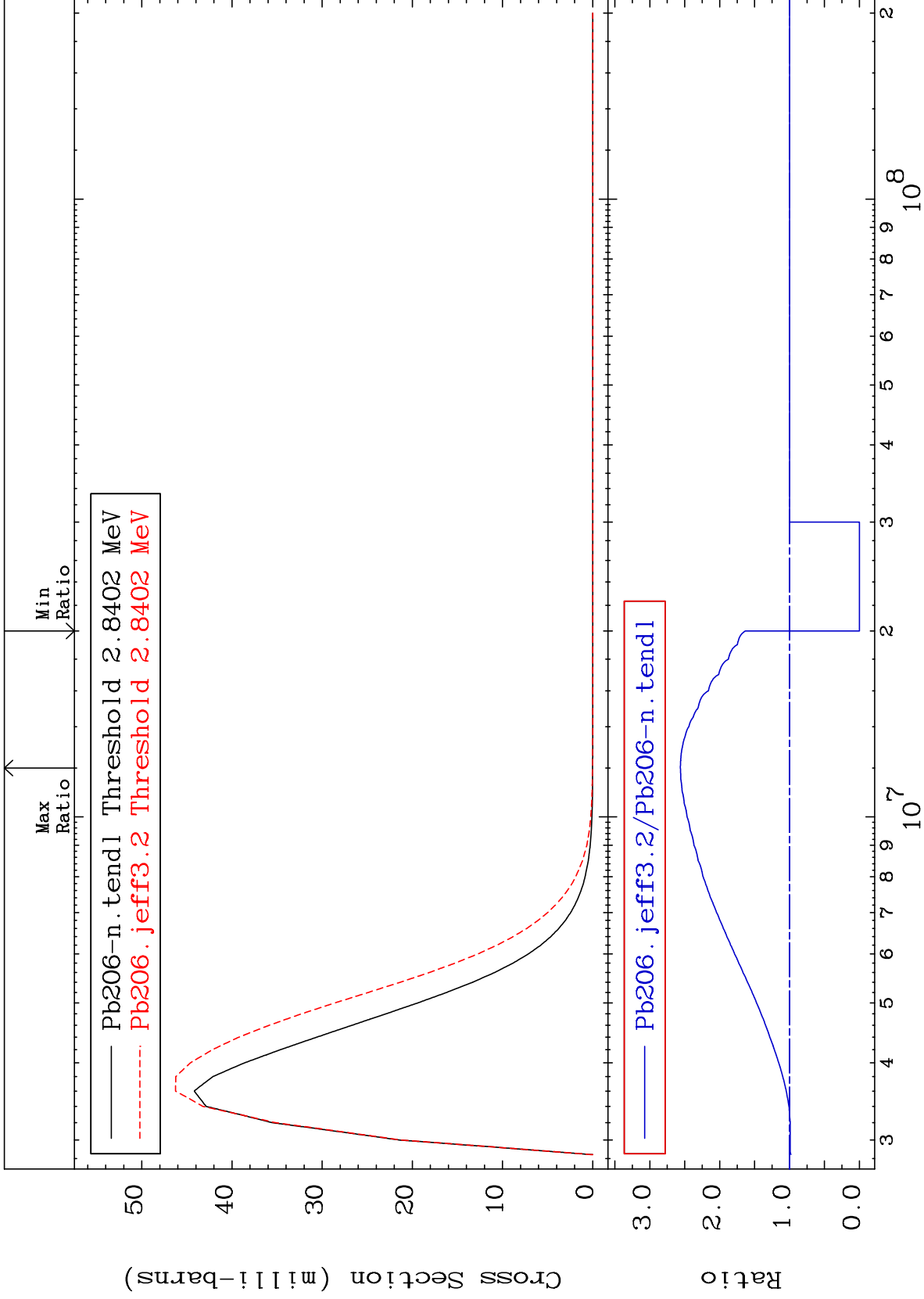
Incident Energy (eV)

82-Pb-206

MAT 8231

2.826 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 156.3 %



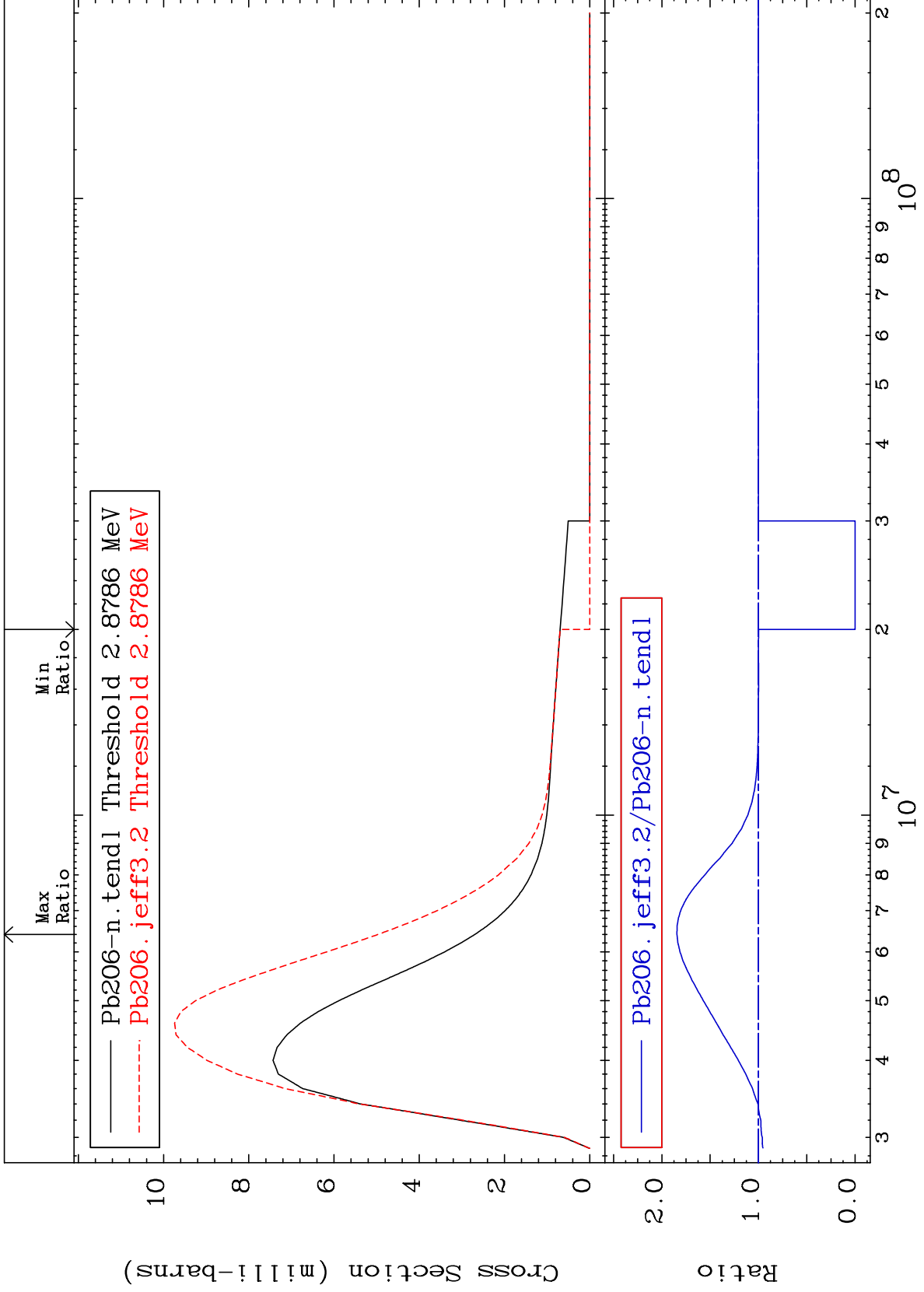
32

82-Pb-206

MAT 8231

2.865 MeV (n,n') Level
Cross Section

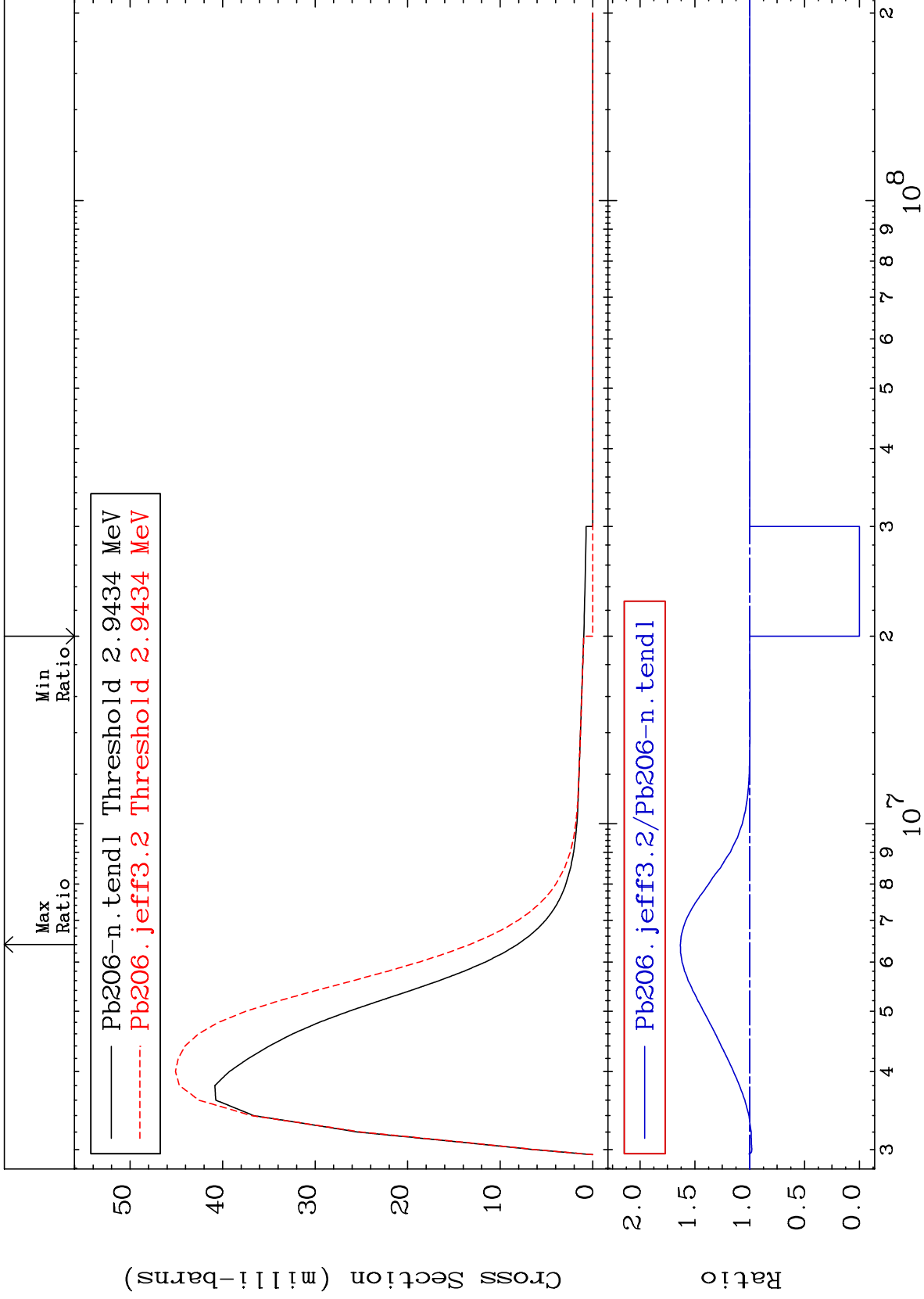
82-Pb-206
-100.0 To 84.39 %



MAT 8231

2.929 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 63.24 %



34

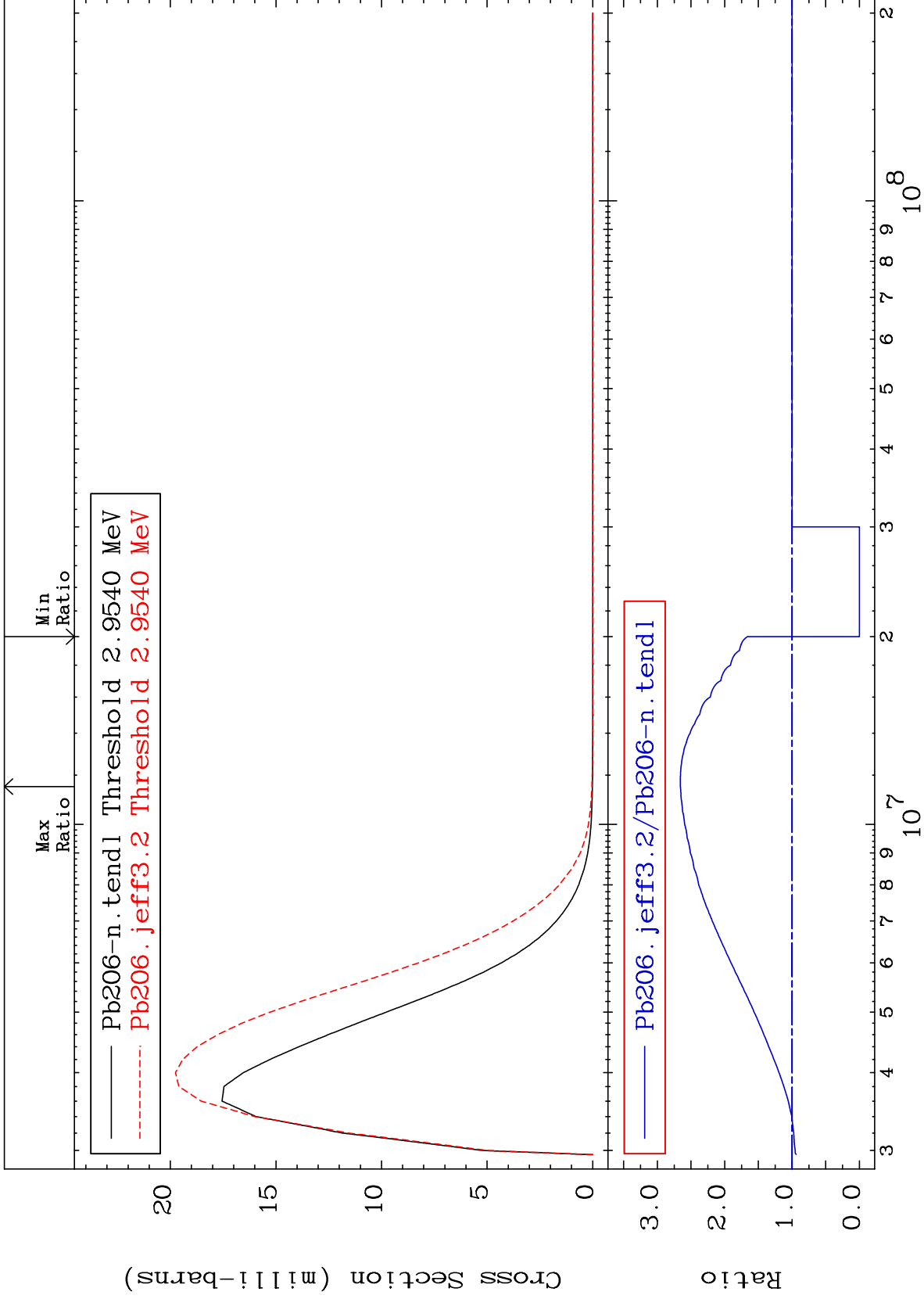
Incident Energy (eV)

82-Pb-206

MAT 8231

2.940 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 165.8 %



35

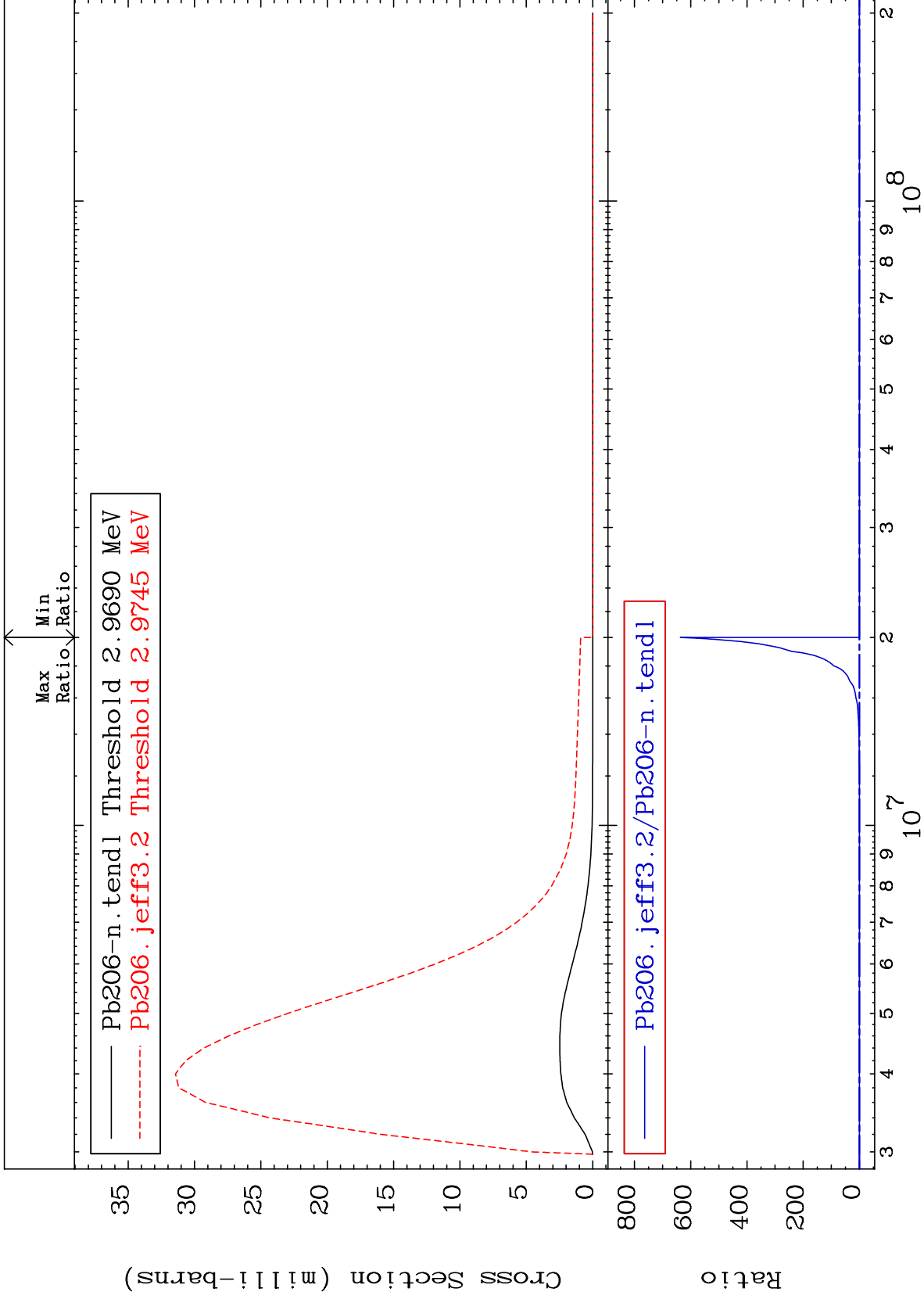
82-Pb-206

82-Pb-206

MAT 8231

2.955 MeV (n,n') Level
Cross Section

82-Pb-206
-100.0 To 9999. %



36

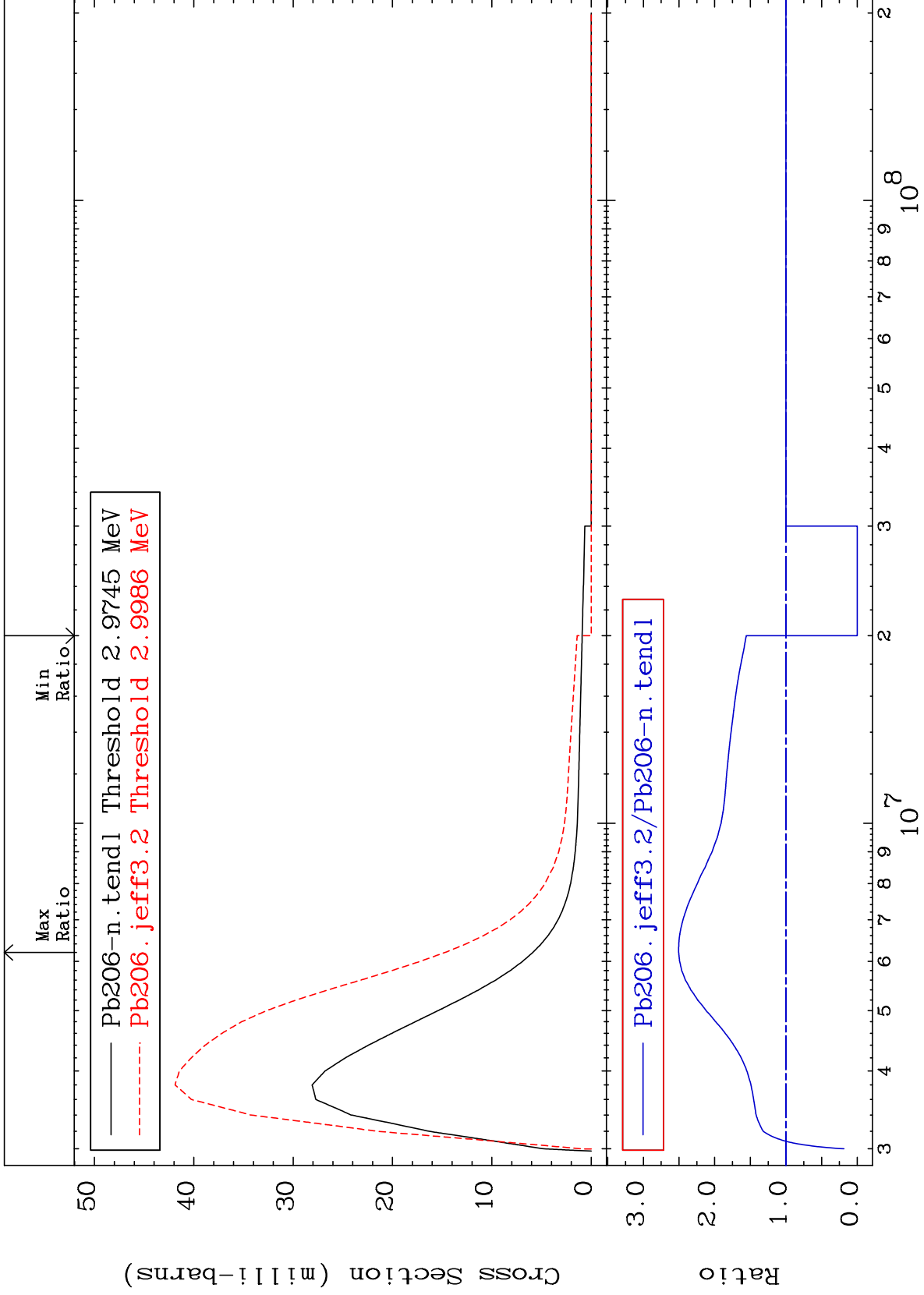
Incident Energy (eV)

82-Pb-206

MAT 8231

2.960 MeV (n,n') Level
Cross Section

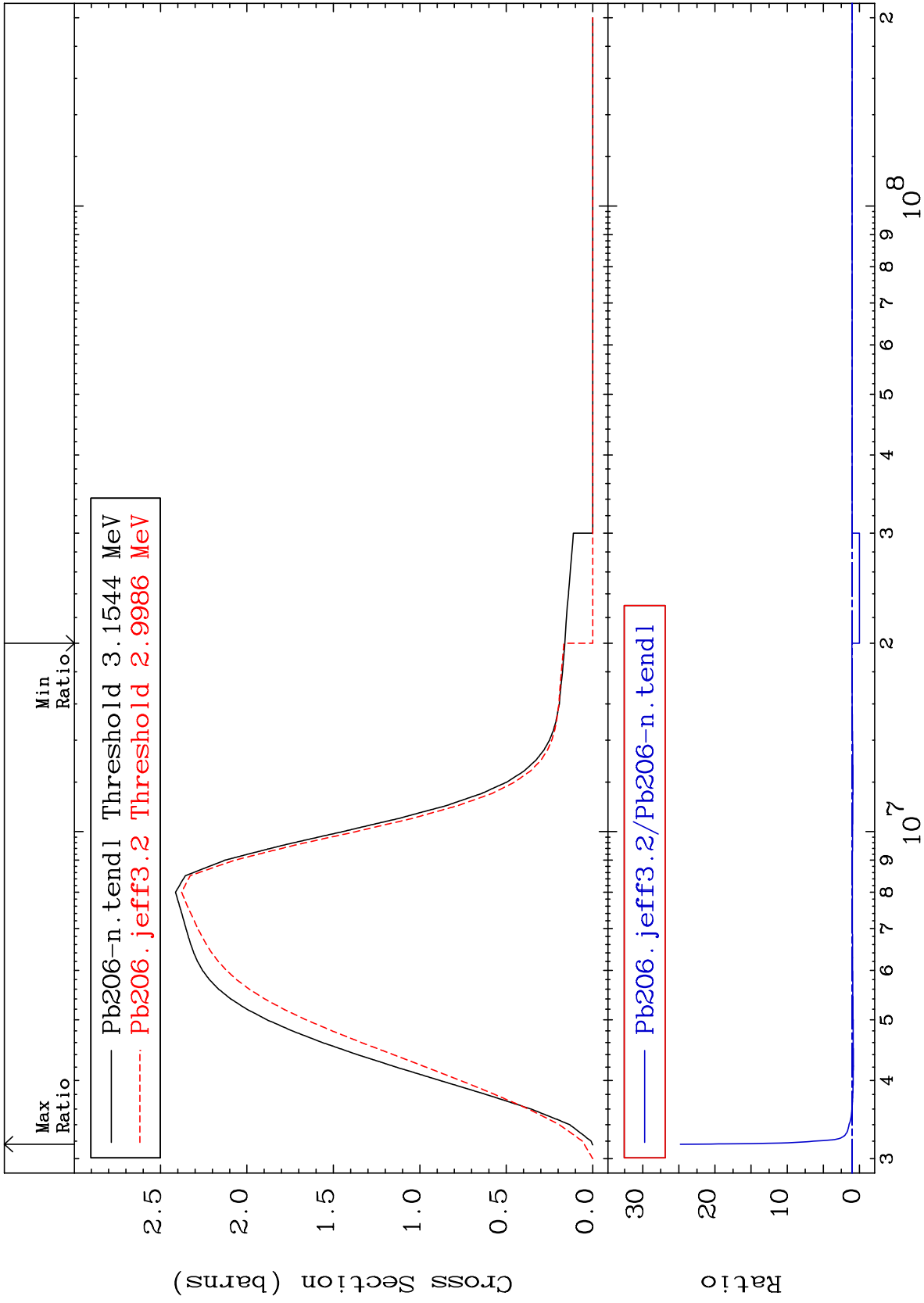
82-Pb-206
-100.0 To 150.5 %



37

Incident Energy (eV)

82-Pb-206



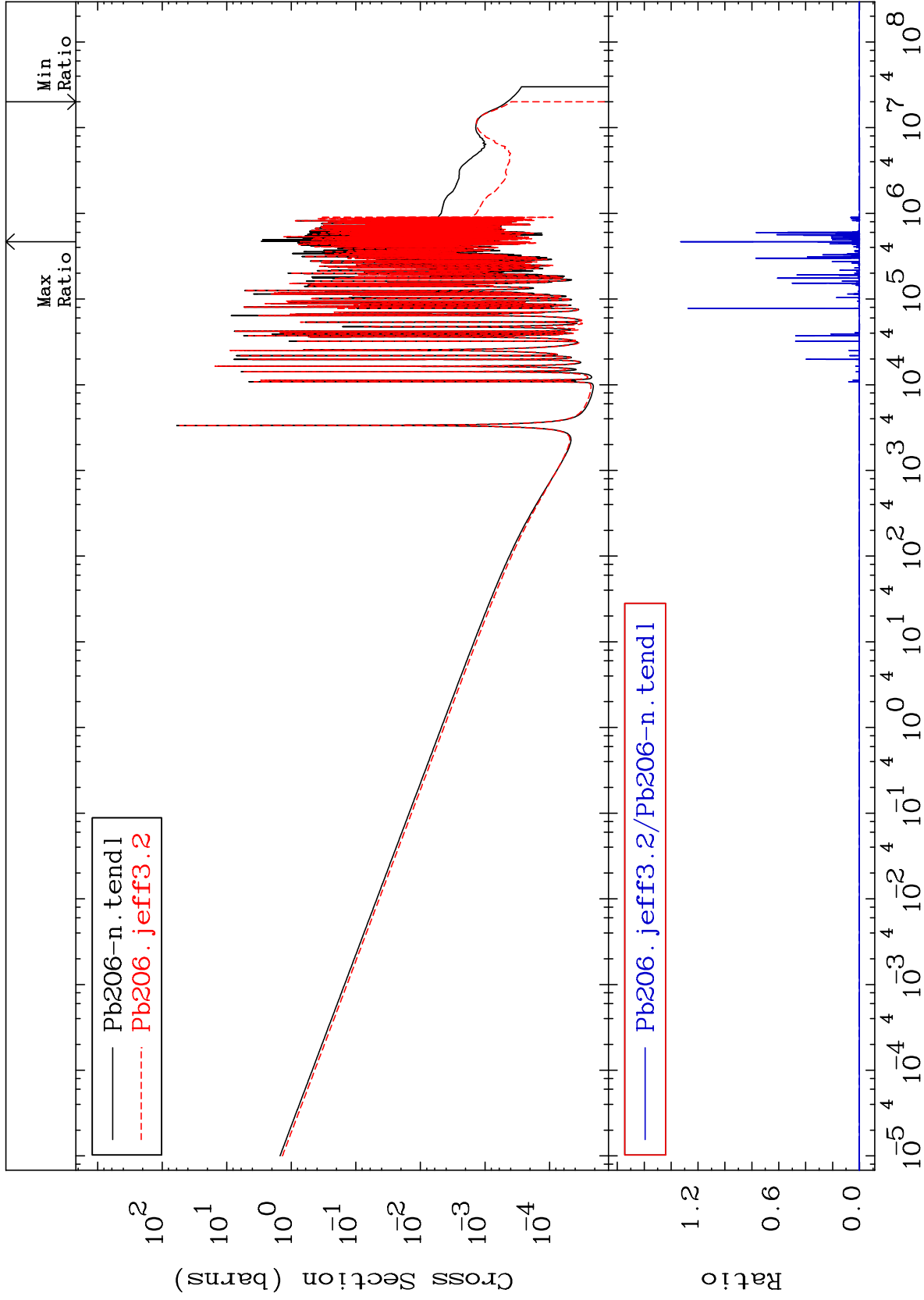
MAT 8231

(n, γ)

82-Pb-206

Cross Section

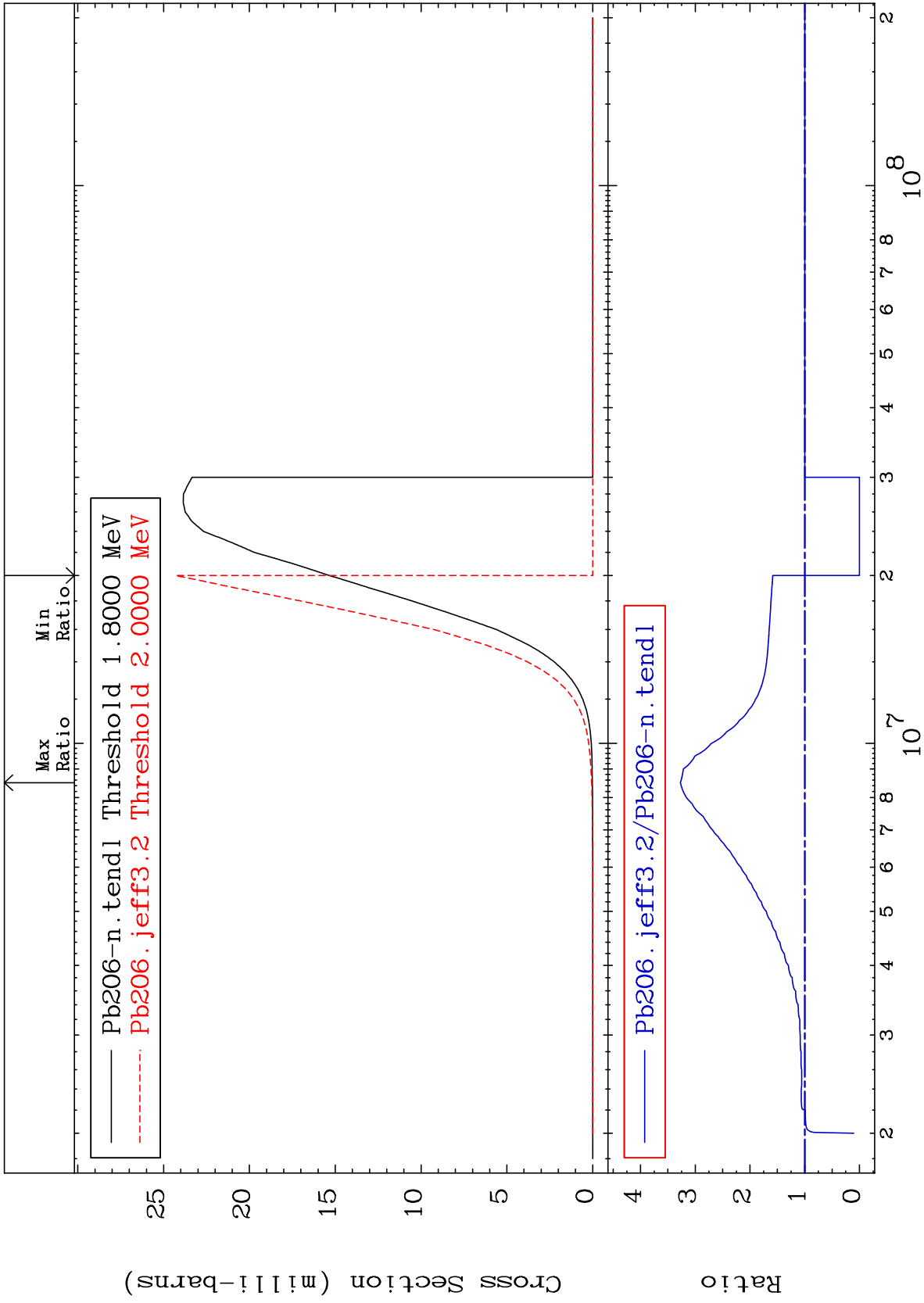
-100.0 To 9999. %



MAT 8231

82-Pb-206
-100.0 To 227.2 %

(n,p)
Cross Section



40

82-Pb-206

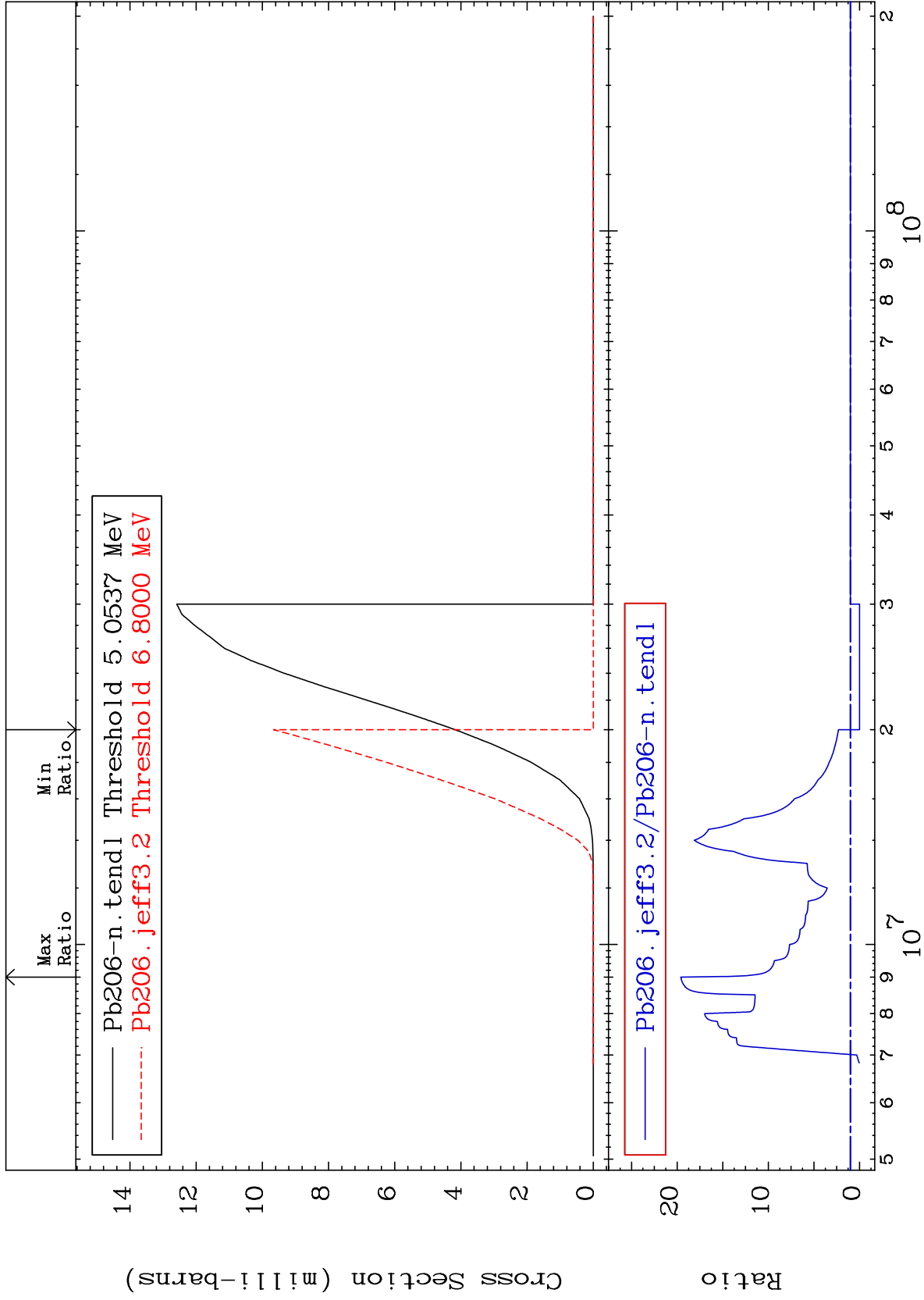
MAT 8231

(n, d)

82-Pb-206

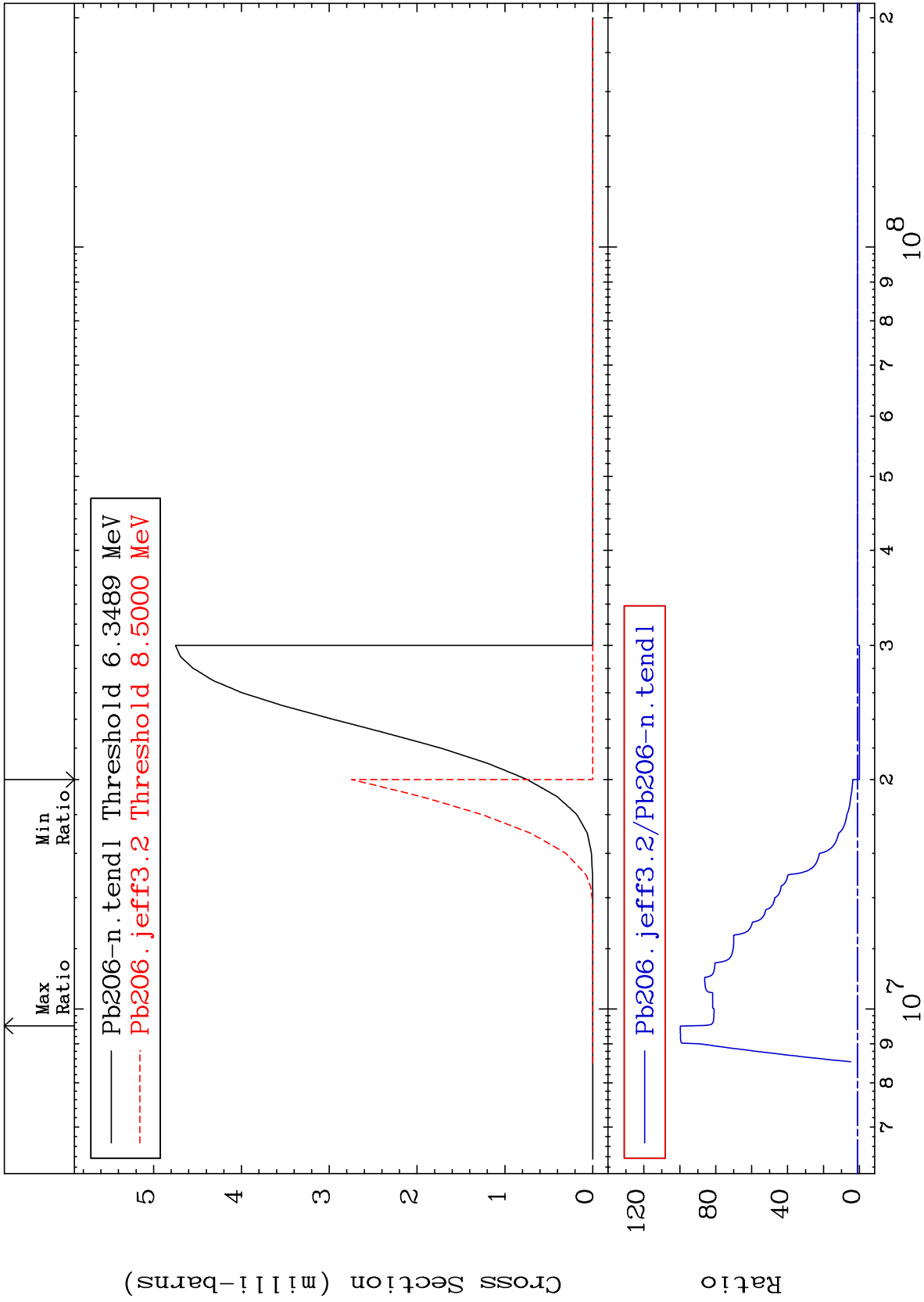
Cross Section

-100.0 To 1860. %



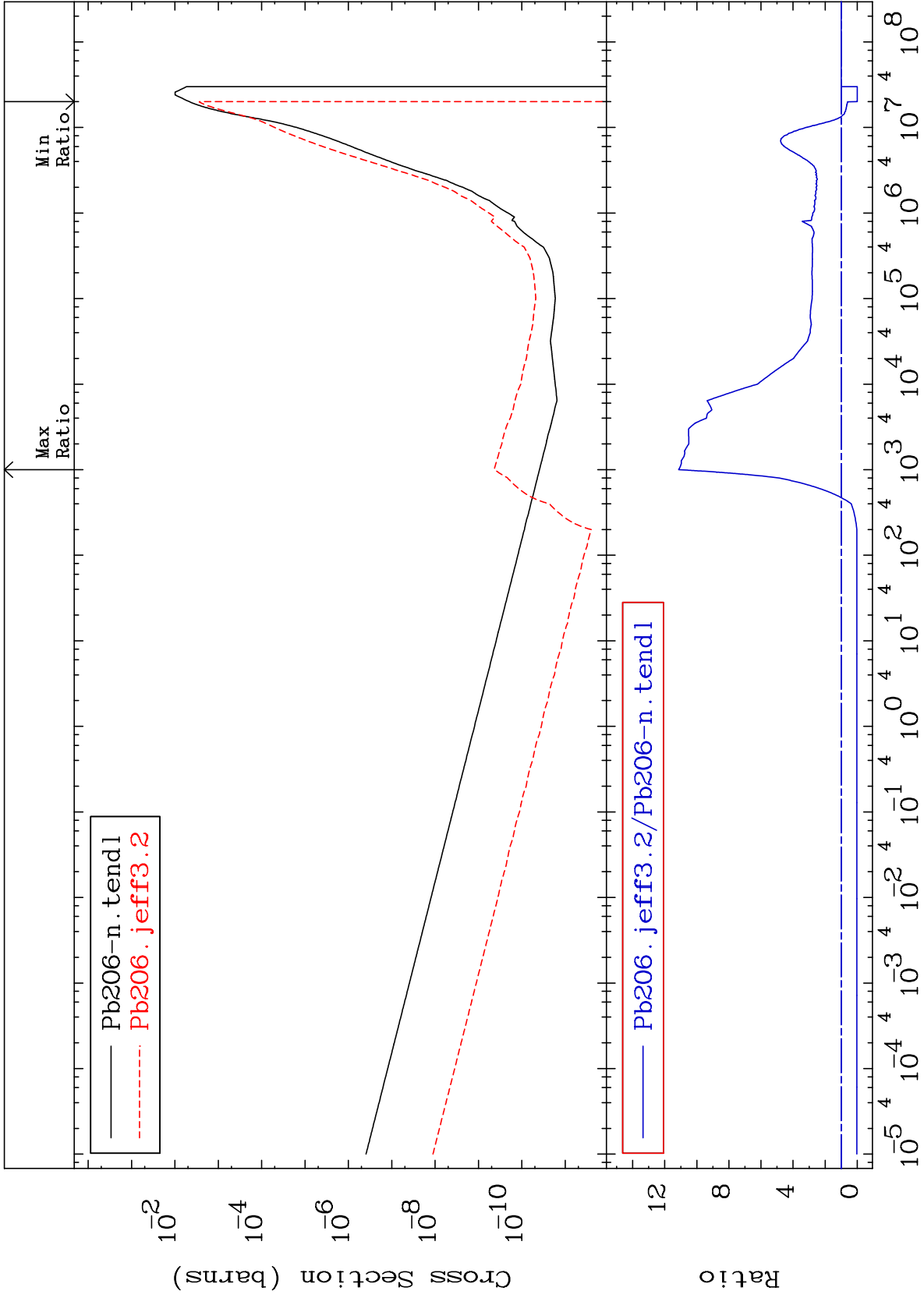
41

82-Pb-206



MAT 8231

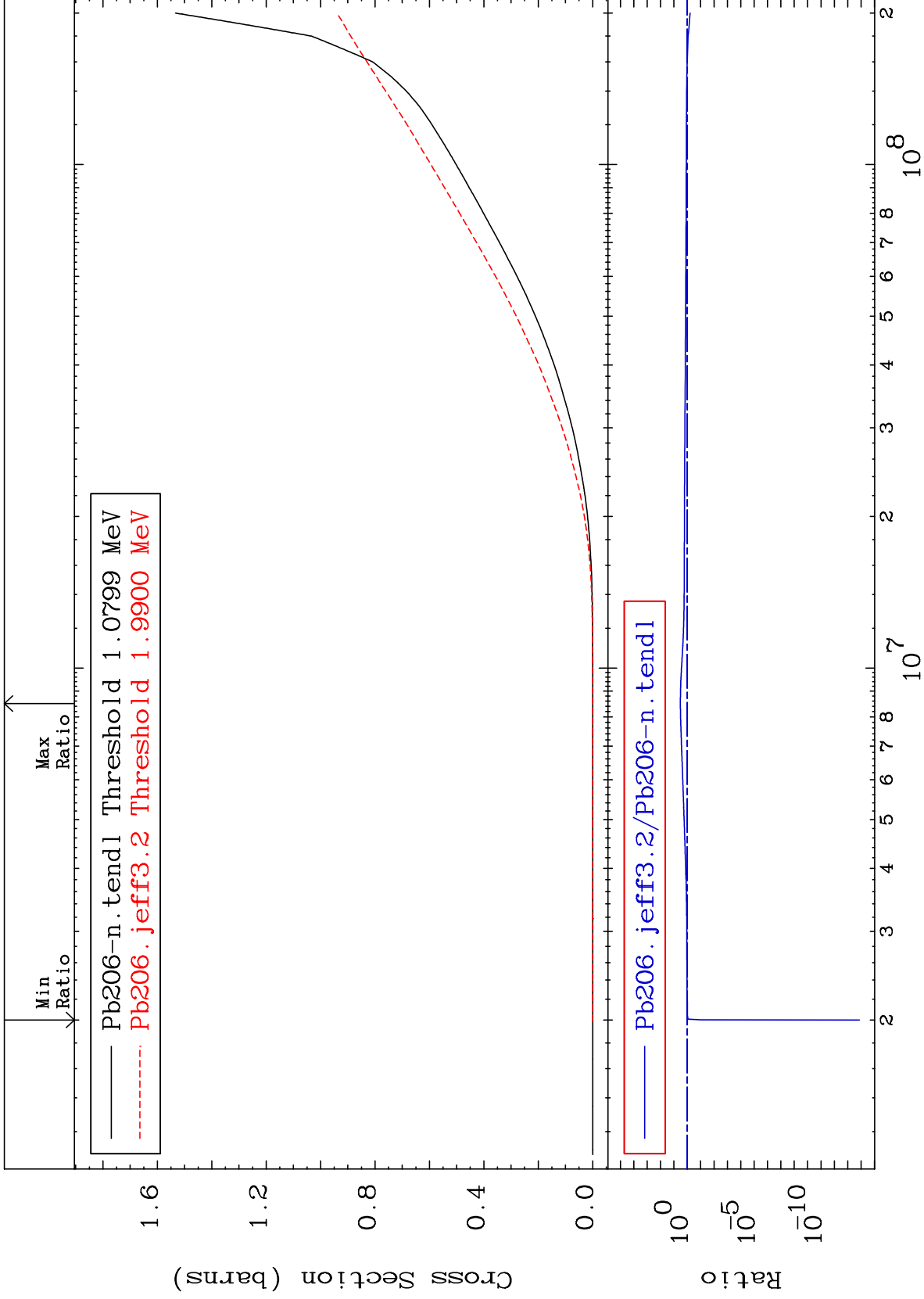
(n, α)
Cross Section
82-Pb-206
-100.0 To 1013. %



43

Incident Energy (eV)

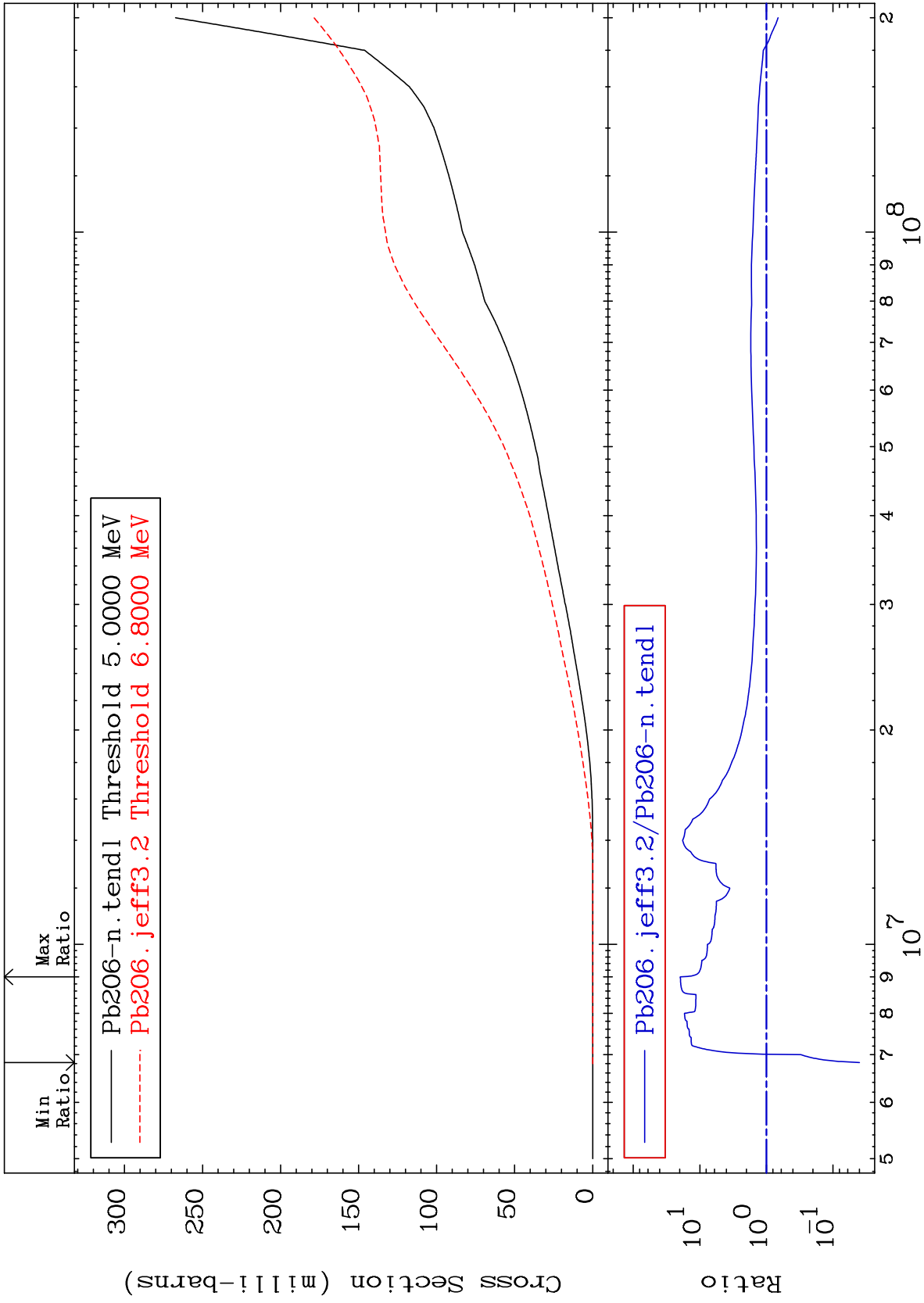
82-Pb-206



MAT 8231

Deuterium Production
Cross Section

82-Pb-206
-96.00 To 1860. %



45

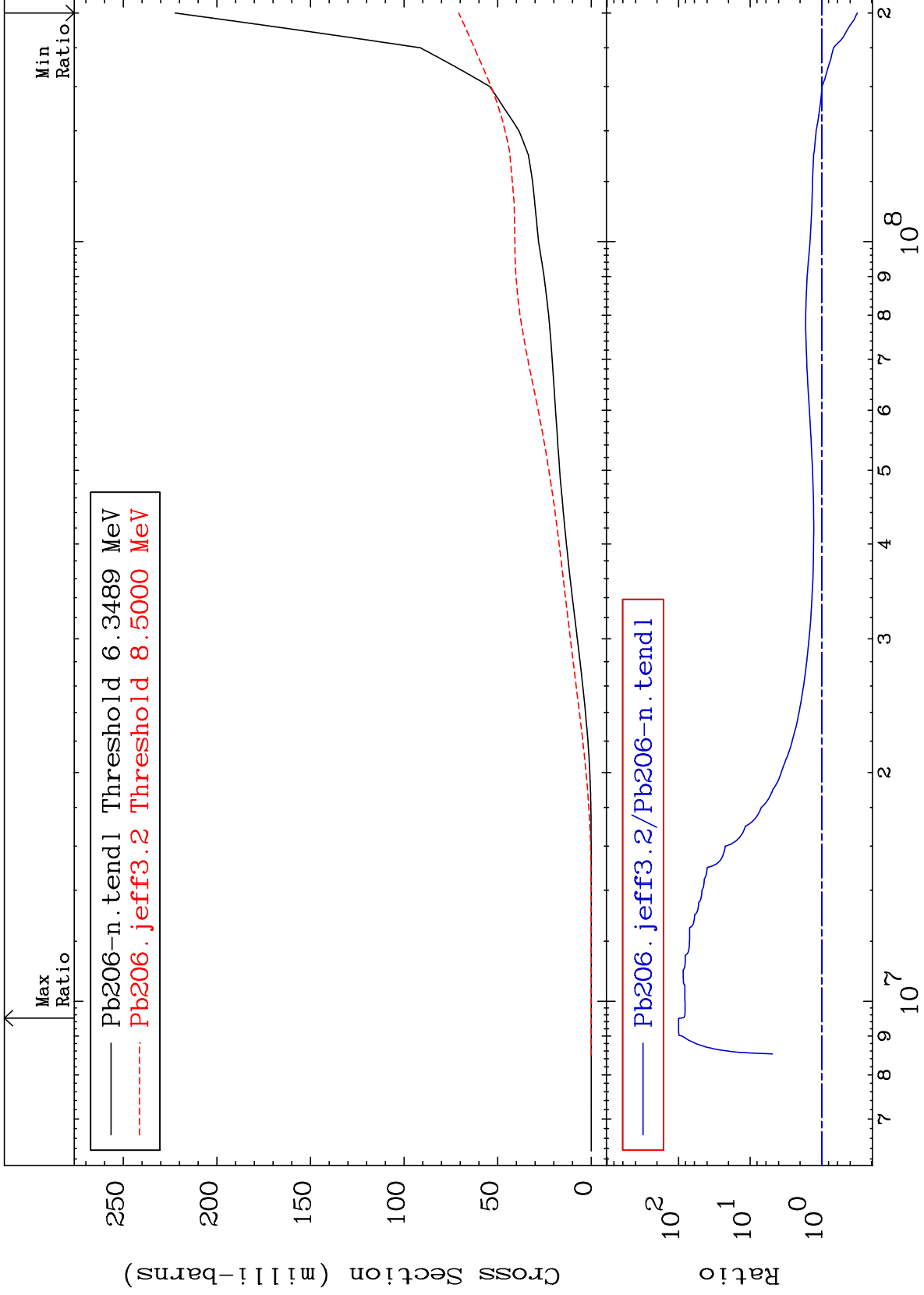
Incident Energy (eV)

82-Pb-206

MAT 8231

Tritium Production
Cross Section

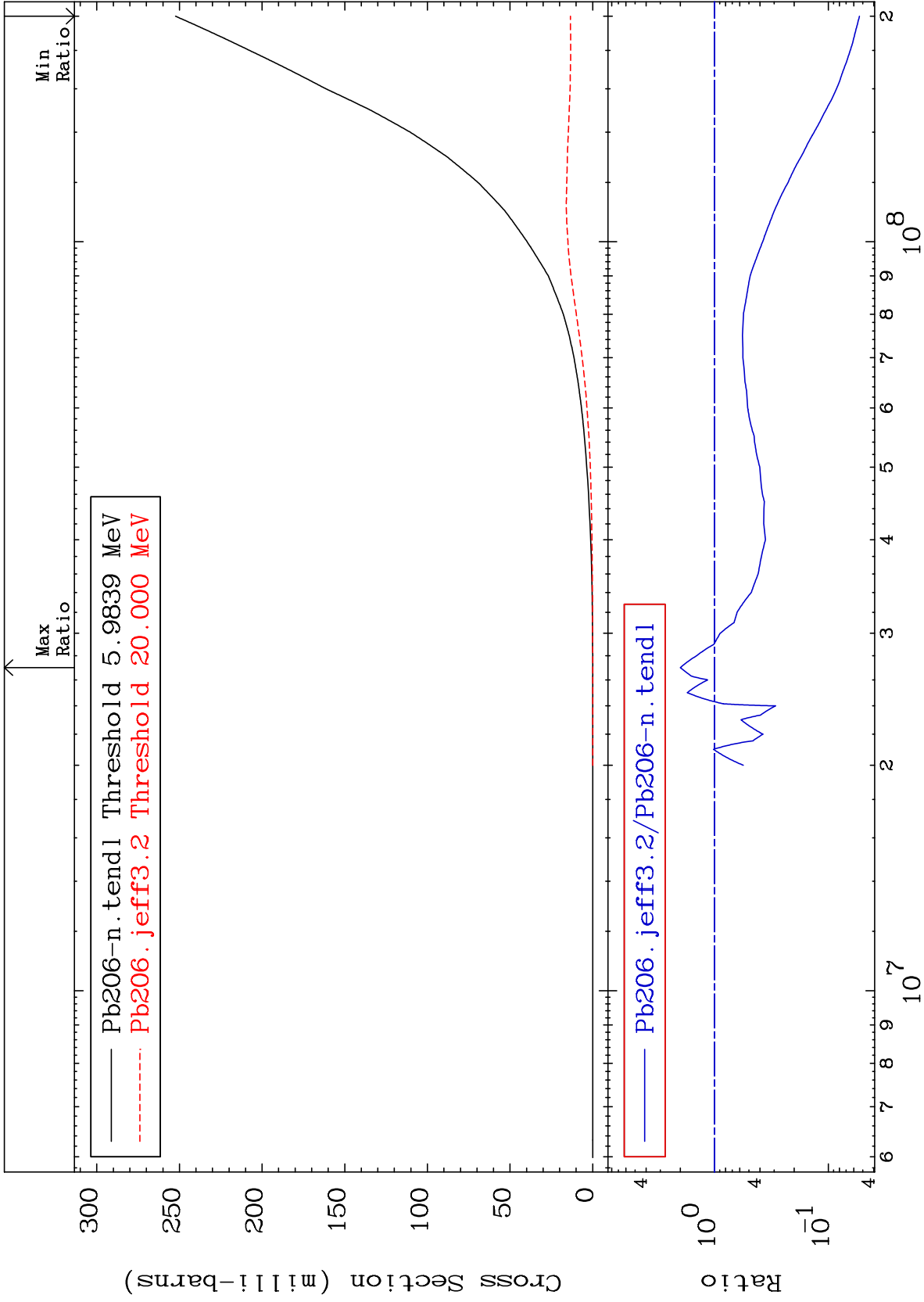
82-Pb-206
-68.17 To 9870. %



MAT 8231

He-3 Production
Cross Section

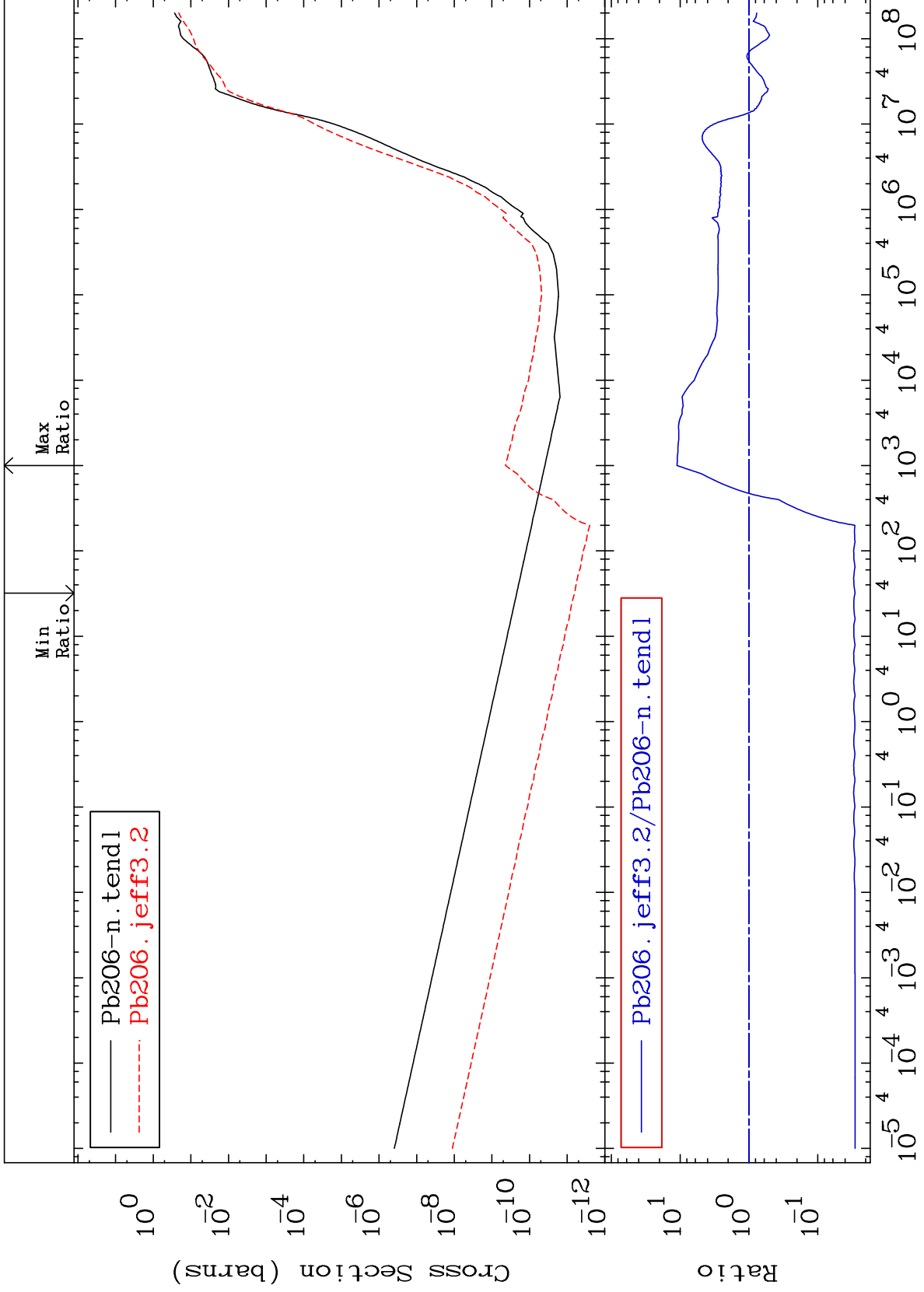
82-Pb-206
-94.66 To 99.81 %

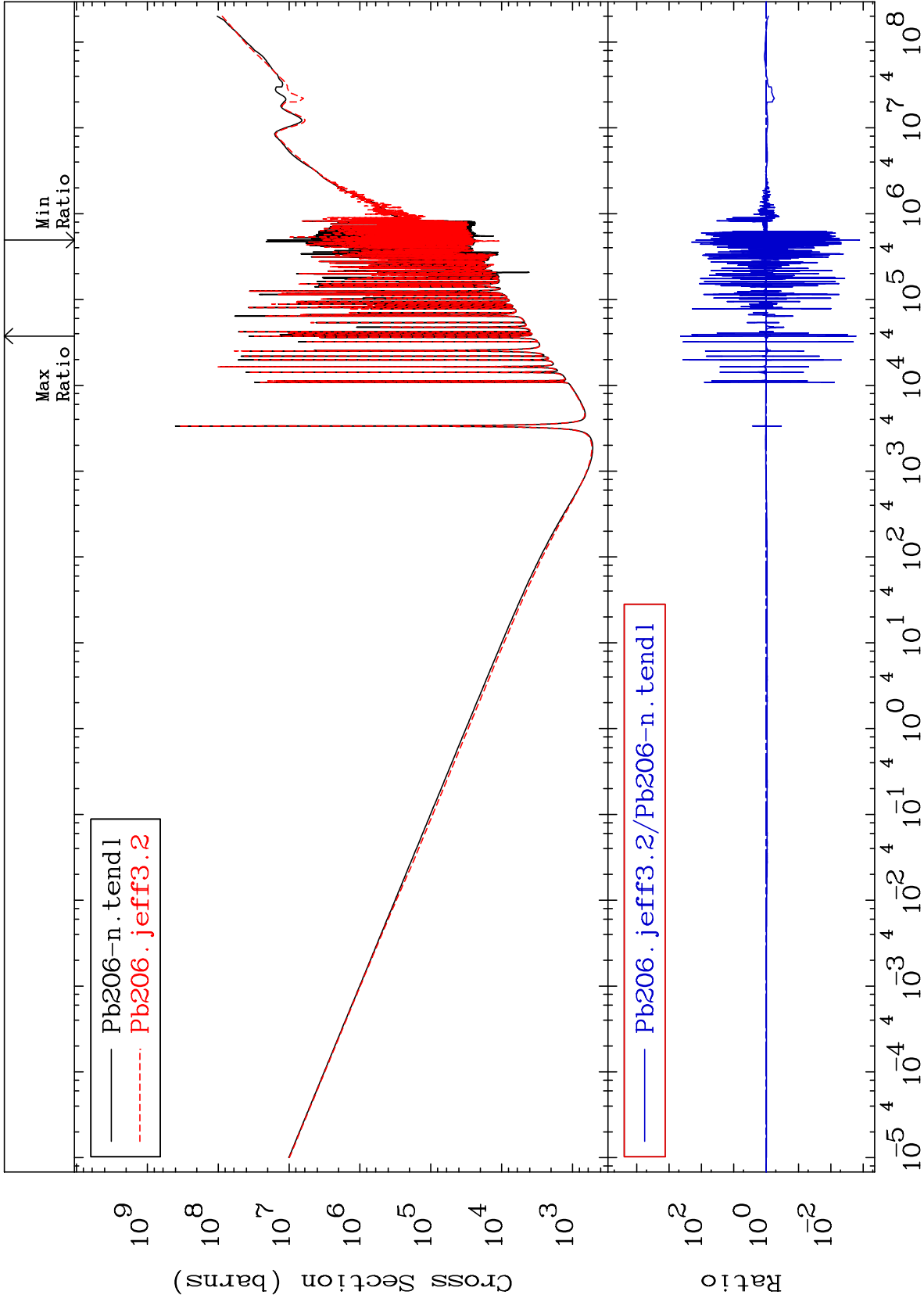


MAT 8231

He-4 Production
Cross Section

82-Pb-206
-97.14 To 1013. %

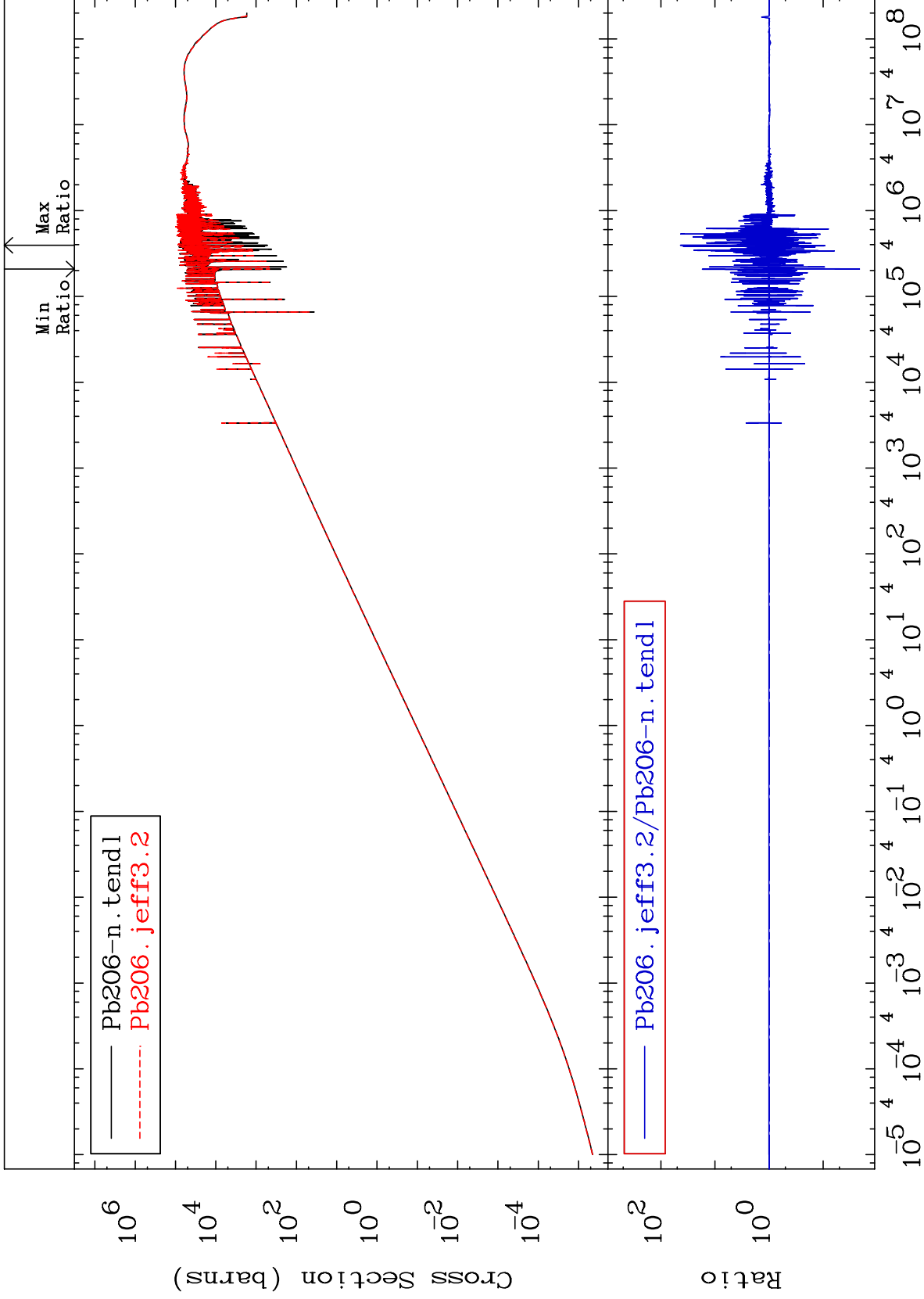




MAT 8231

Kerma elastic
Cross Section

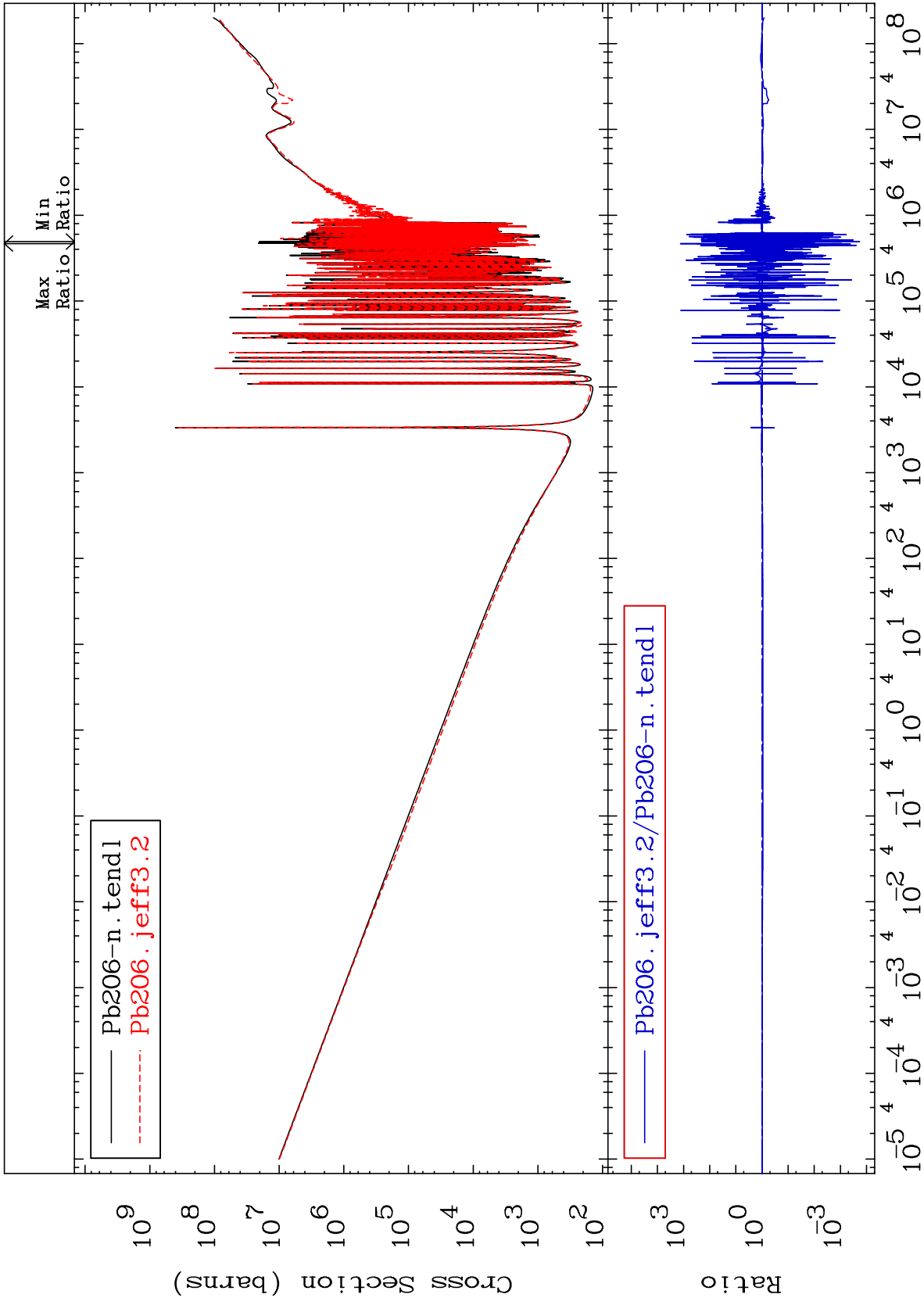
82-Pb-206
-97.87 To 4272. %



Incident Energy (eV)

82-Pb-206

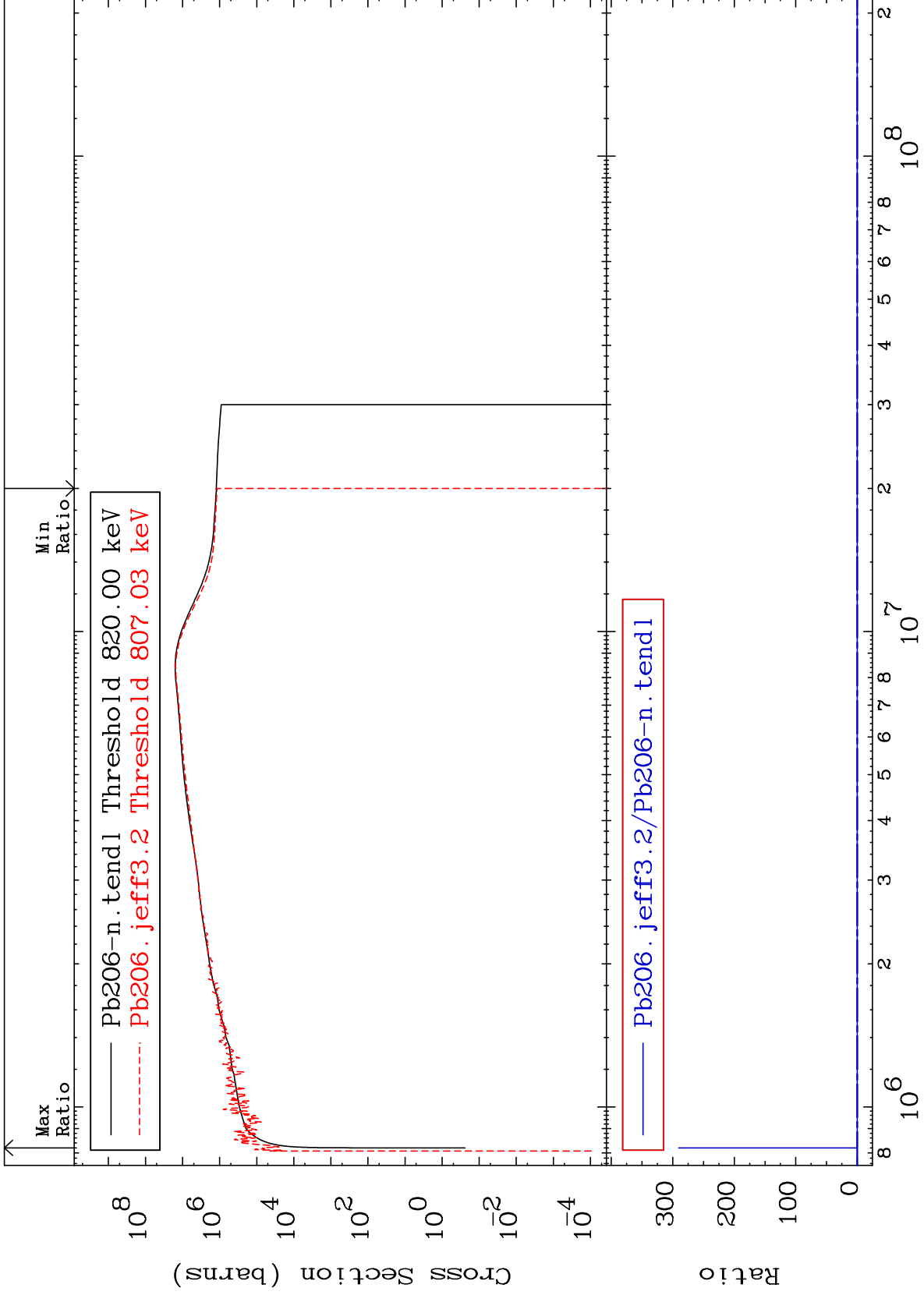
50

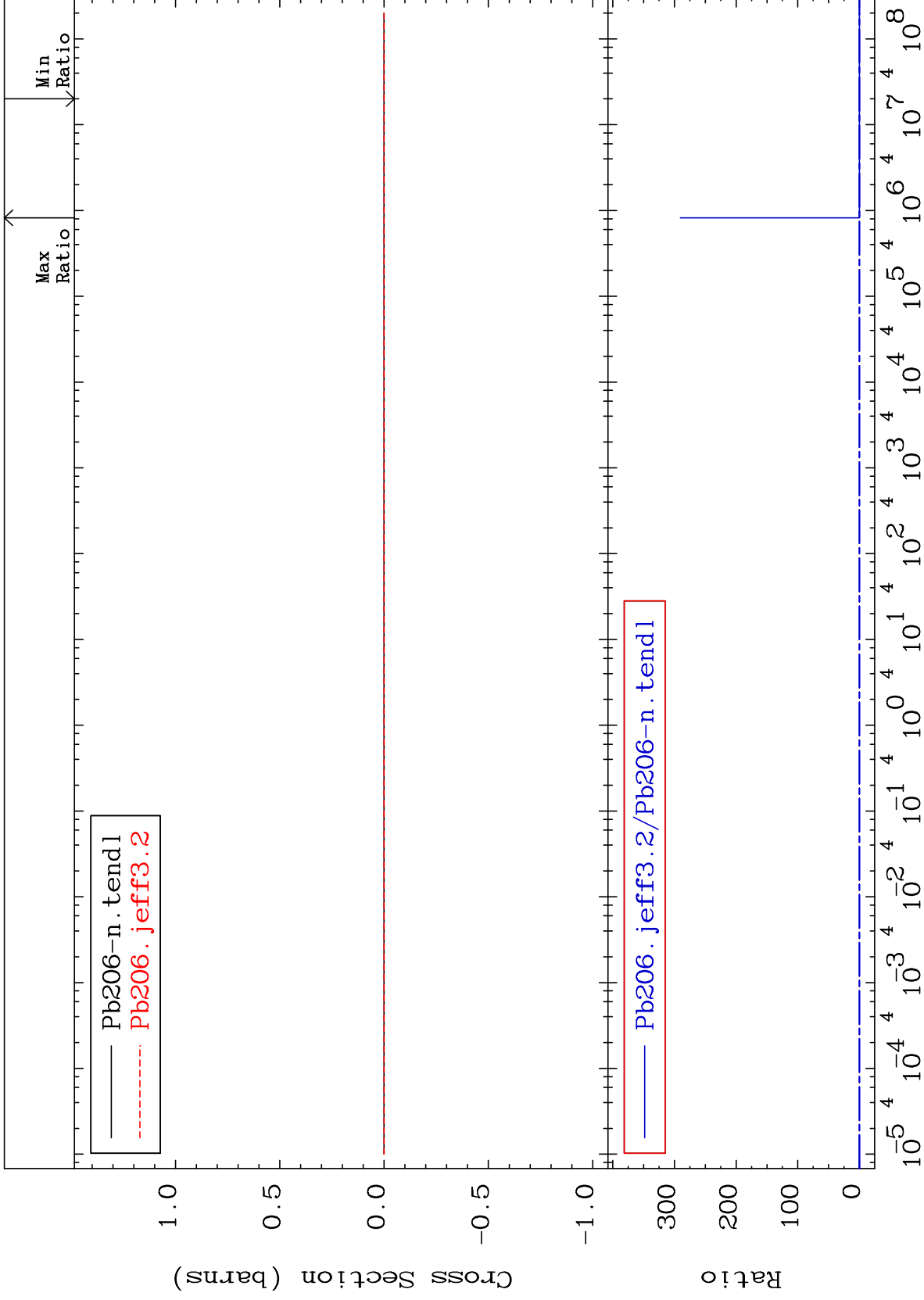


MAT 8231

Kerma inelastic (mt51-91)
Cross Section

82-Pb-206
-100.0 To 9999. %

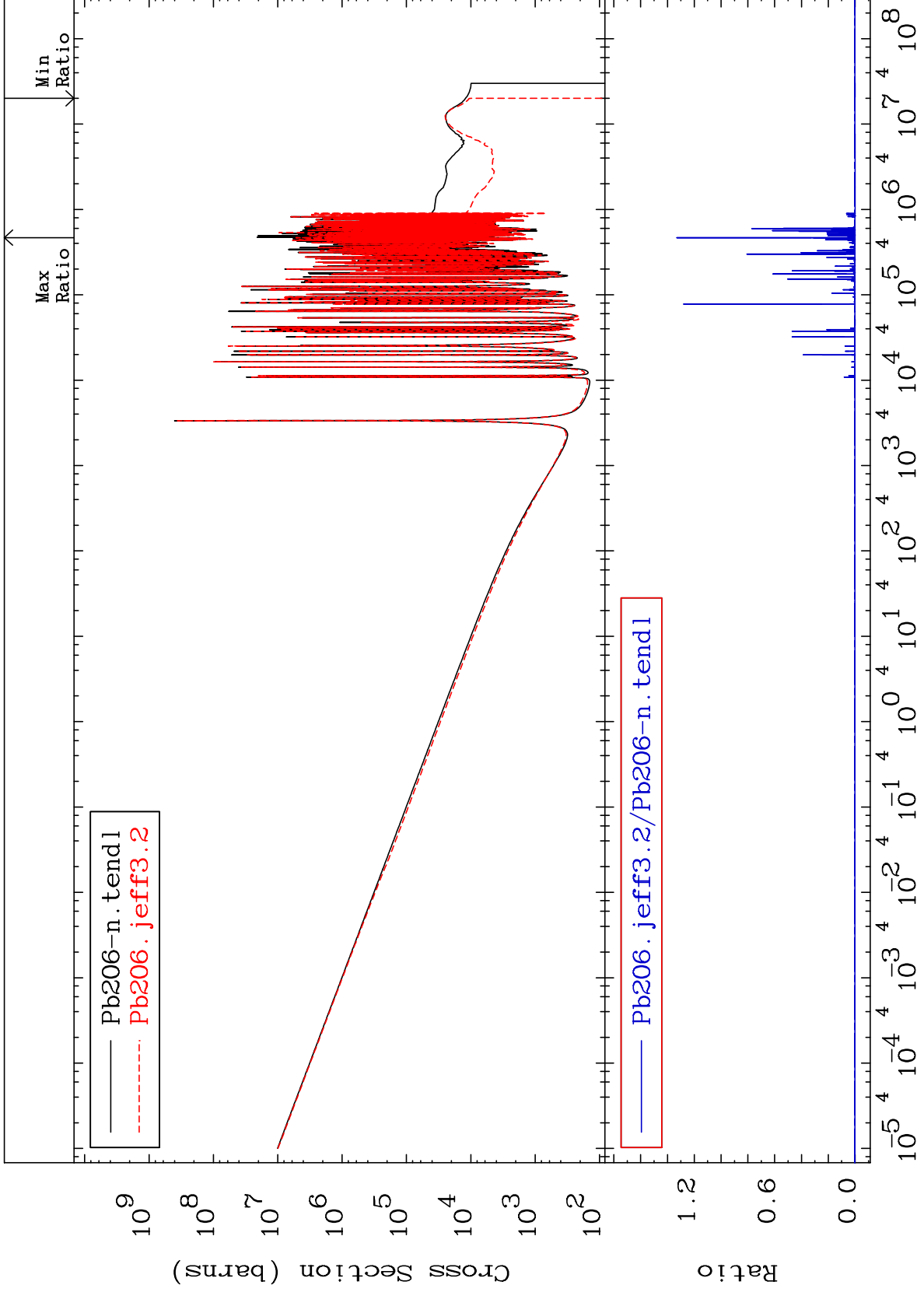


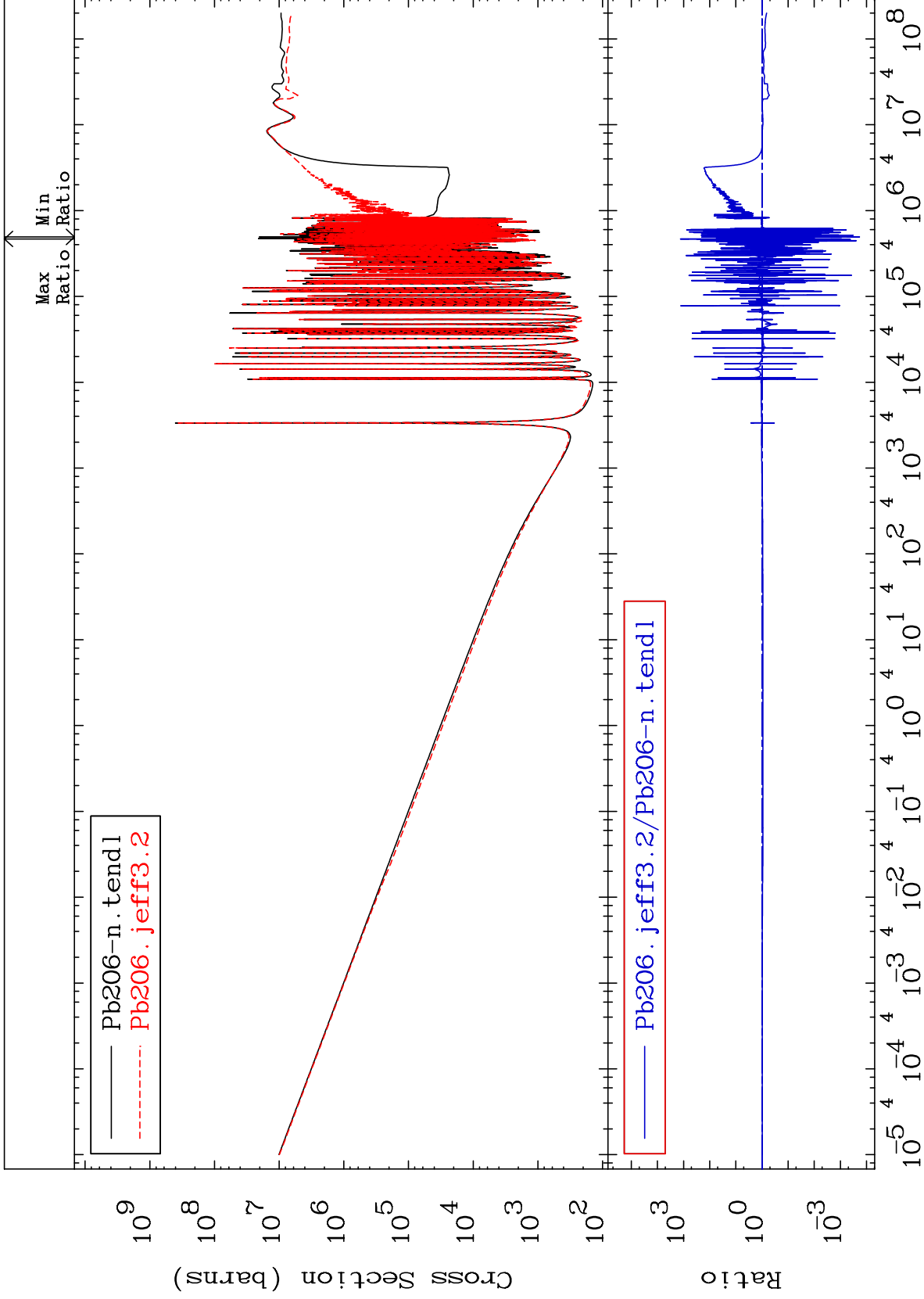


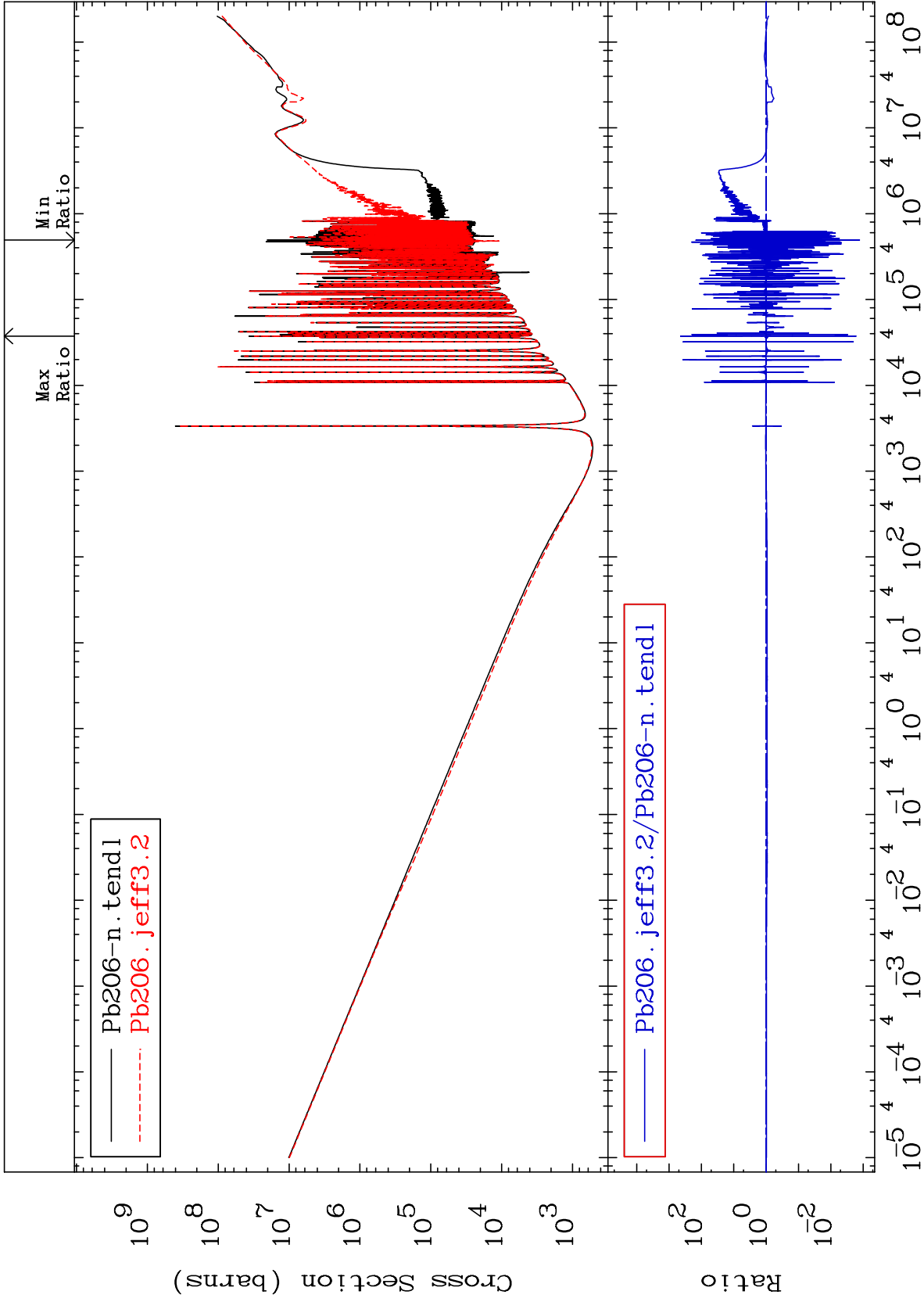
MAT 8231

Kerma capture (mt102)
Cross Section

82-Pb-206
-100.0 To 9999. %



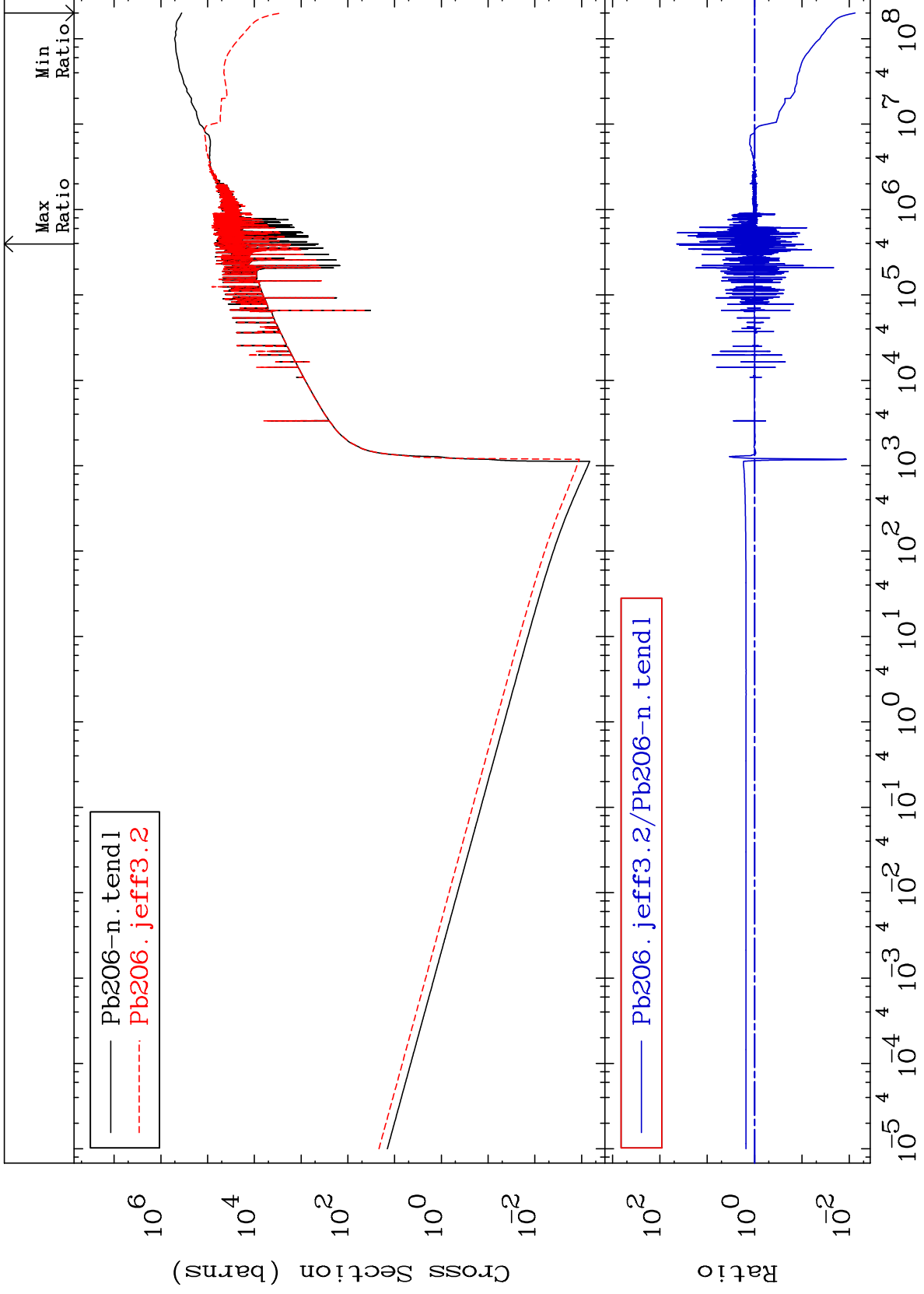


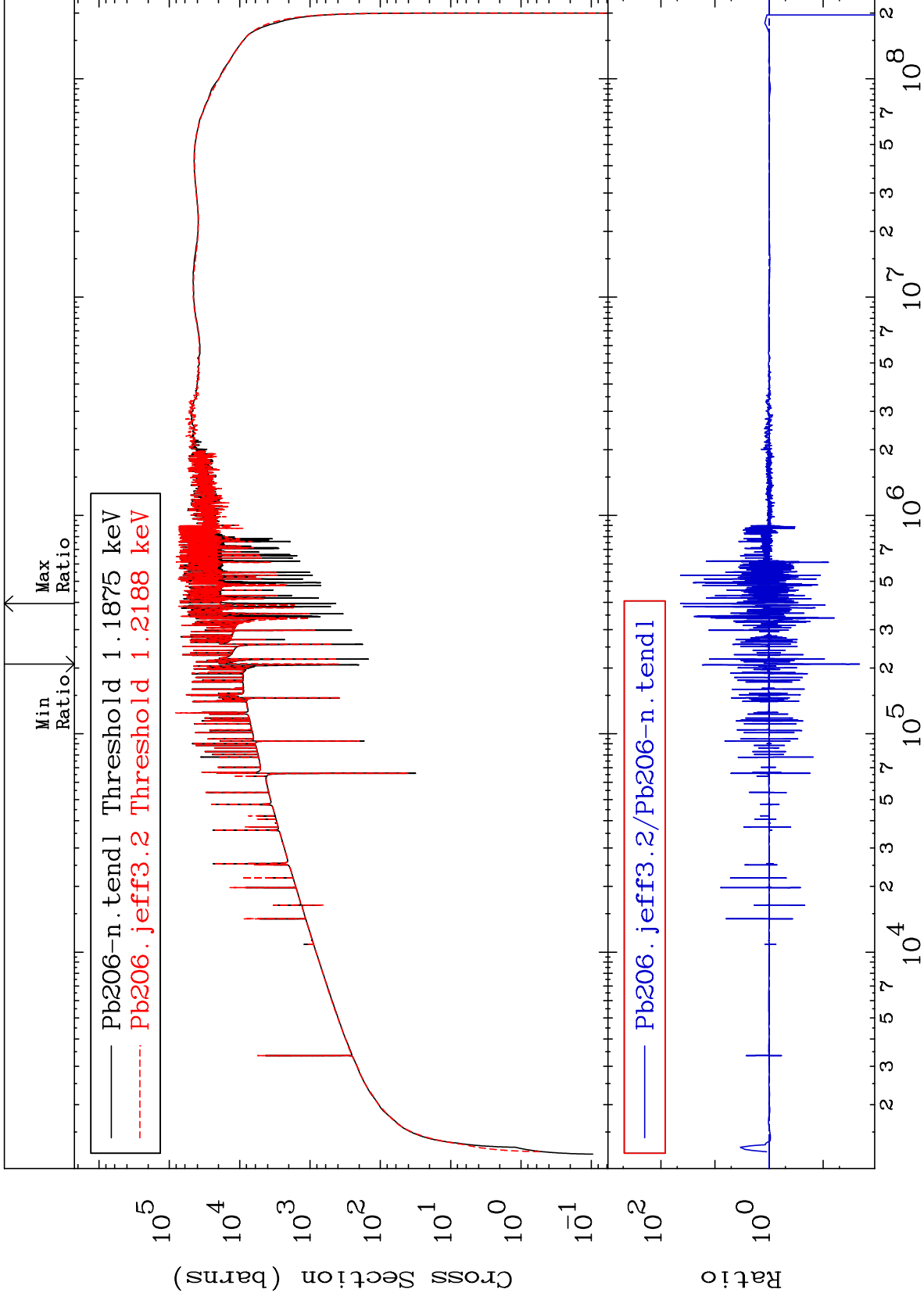


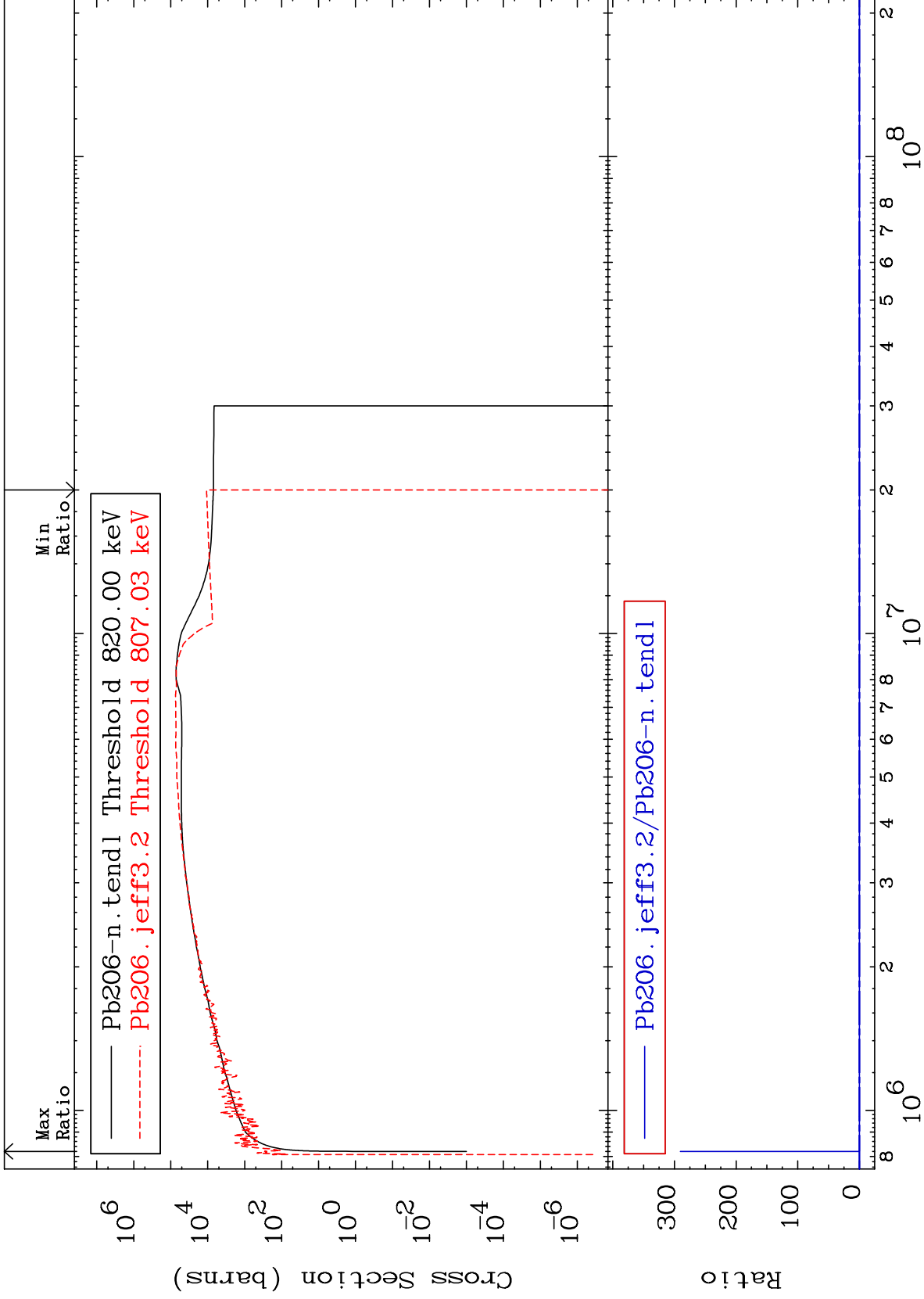
MAT 8231

Dpa total (eV-barns)
Cross Section

82-Pb-206
-99.25 To 4271. %



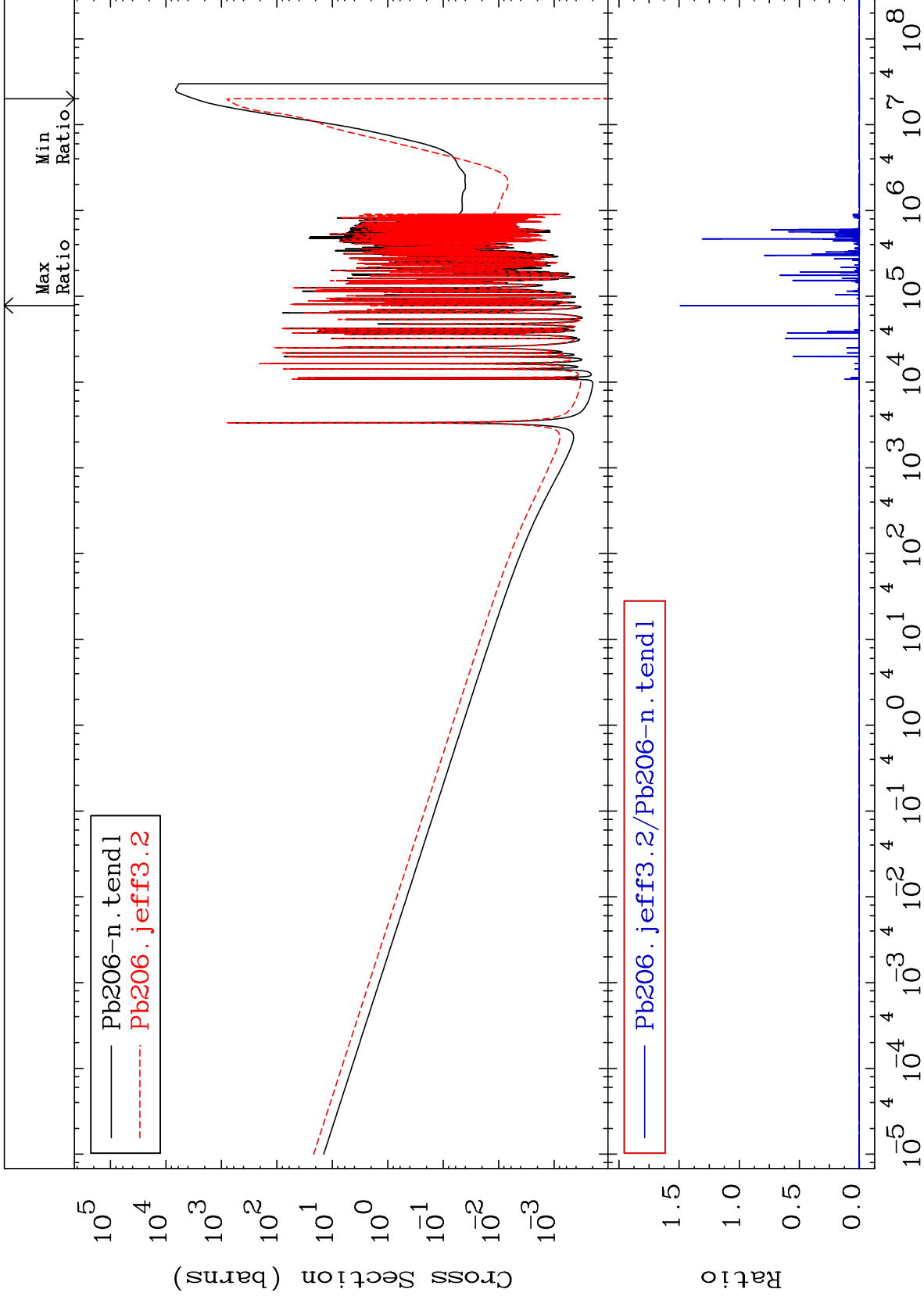




MAT 8231

Dpa disappearance (mt102 -120)
Cross Section

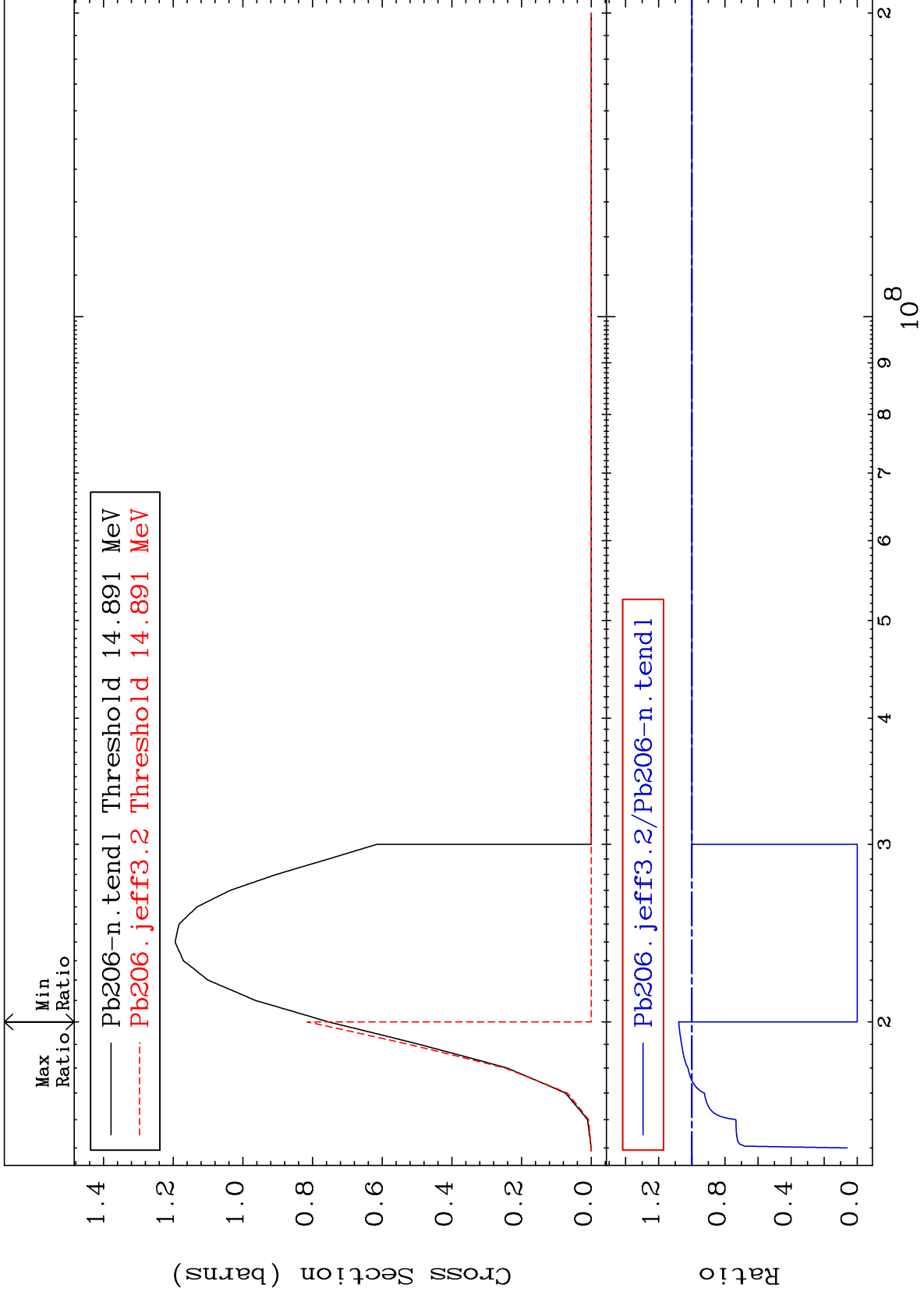
82-Pb-206
-100.0 To 9999. %



Incident Energy (eV)

82-Pb-206

60

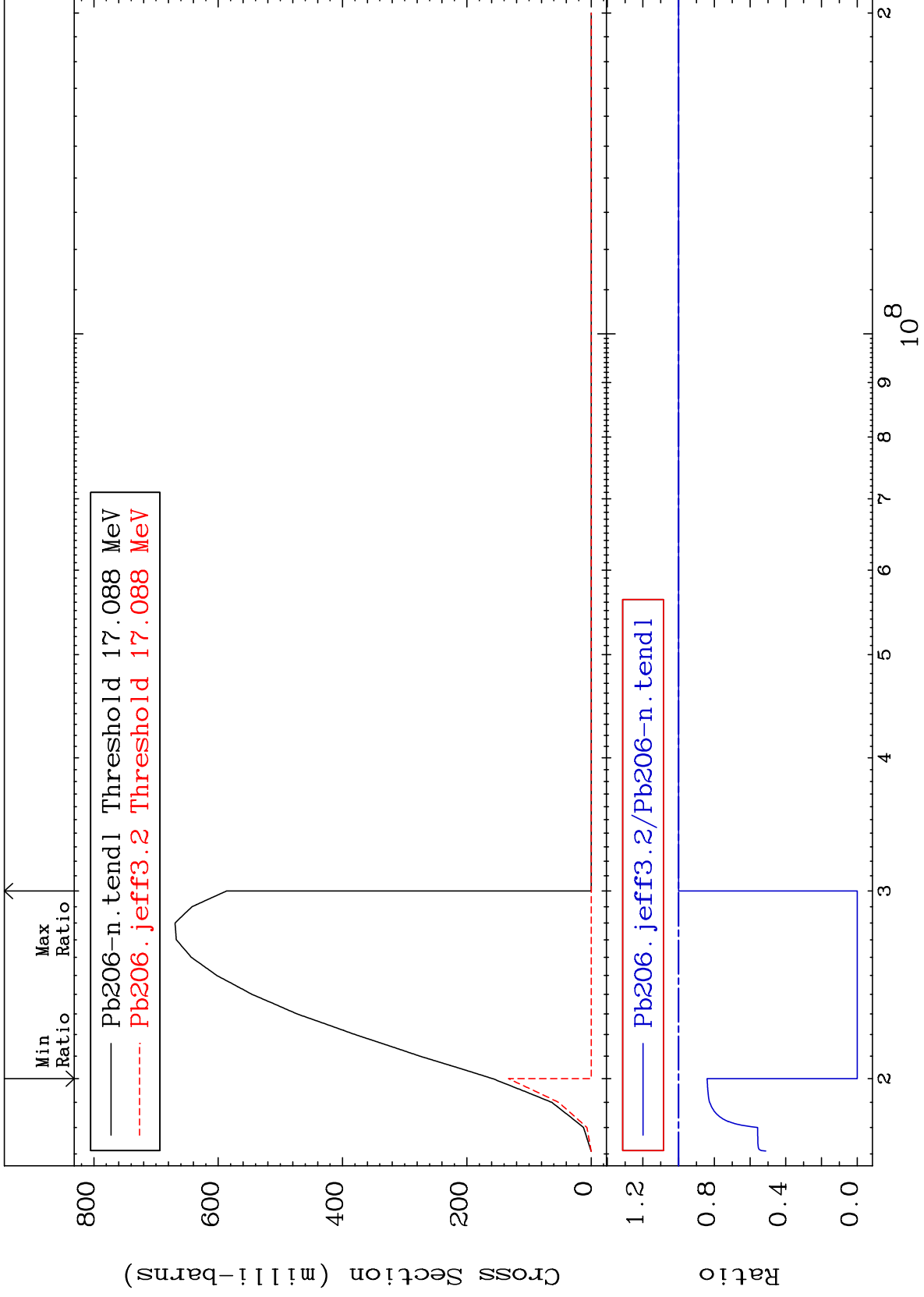


MAT 8231

(n,3n):82-Pb-204m21

82-Pb-206

Radionuclide Production Cross Section -100.0 To 0.000 %



62

Incident Energy (eV)

82-Pb-206