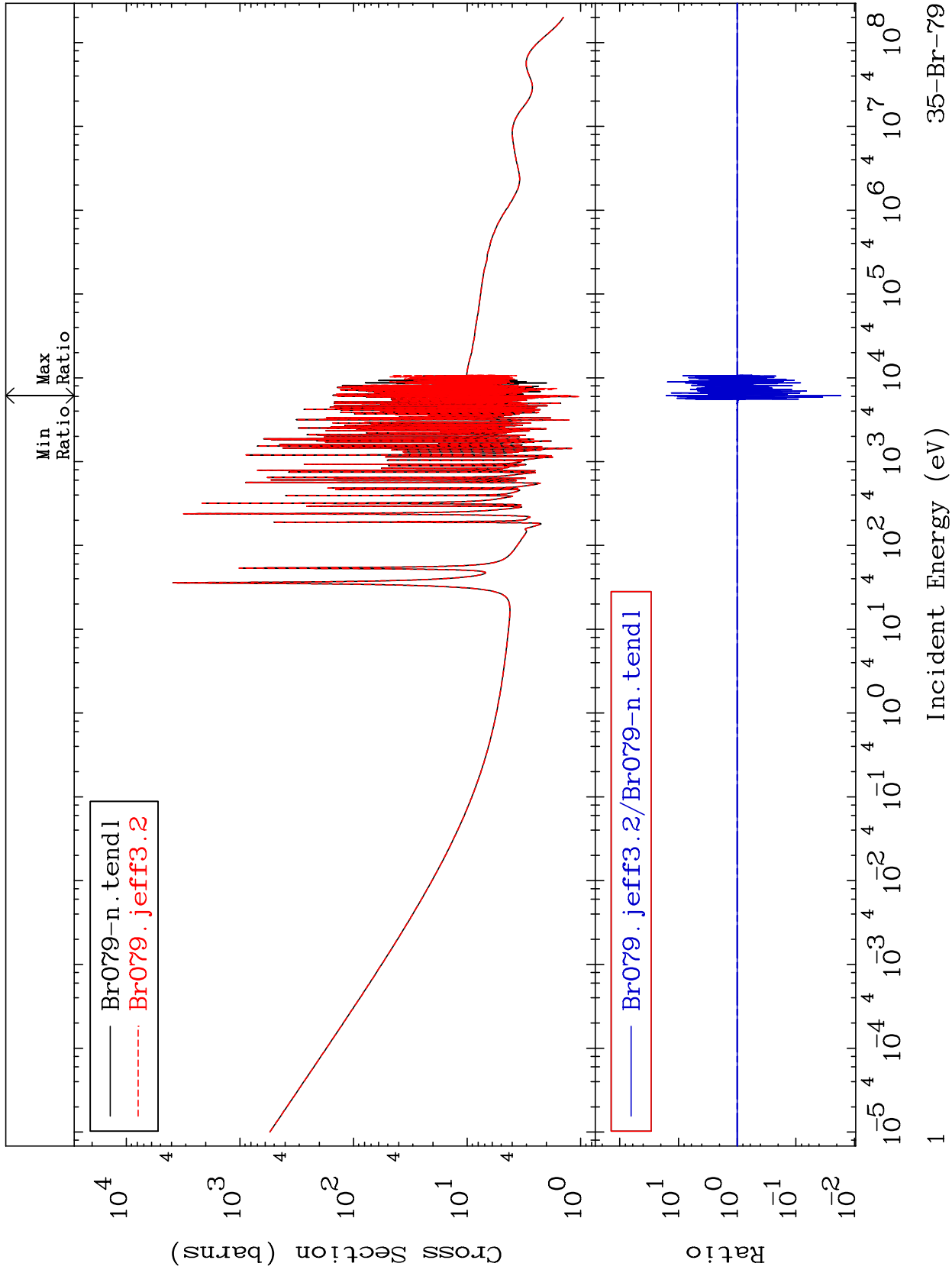


MAT 3525

Total
Cross Section

35-Br-79
-98.29 To 1532. %



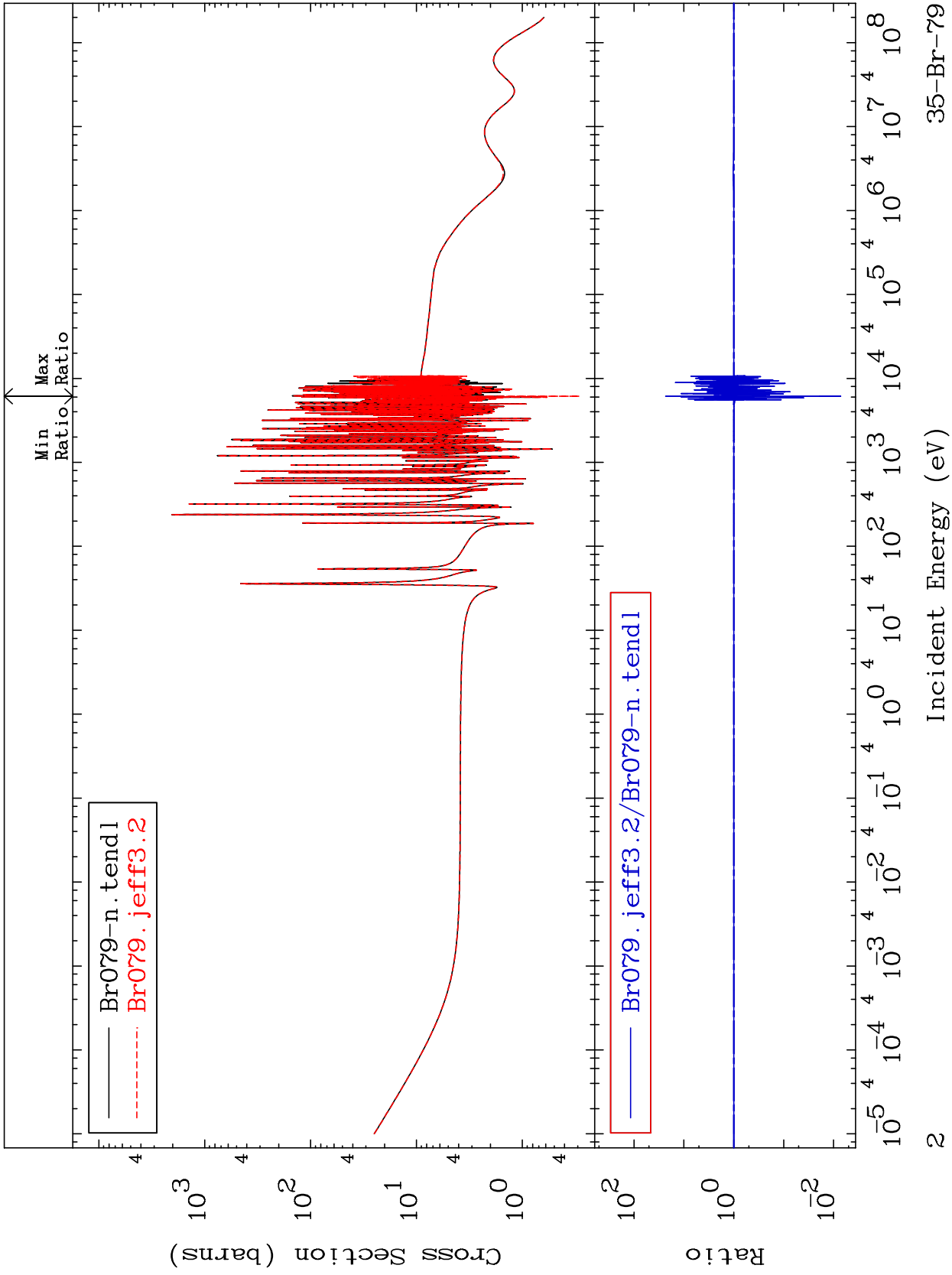
Incident Energy (eV)

35-Br-79

MAT 3525

Elastic
Cross Section

35-Br-79
-99.28 To 2233. %

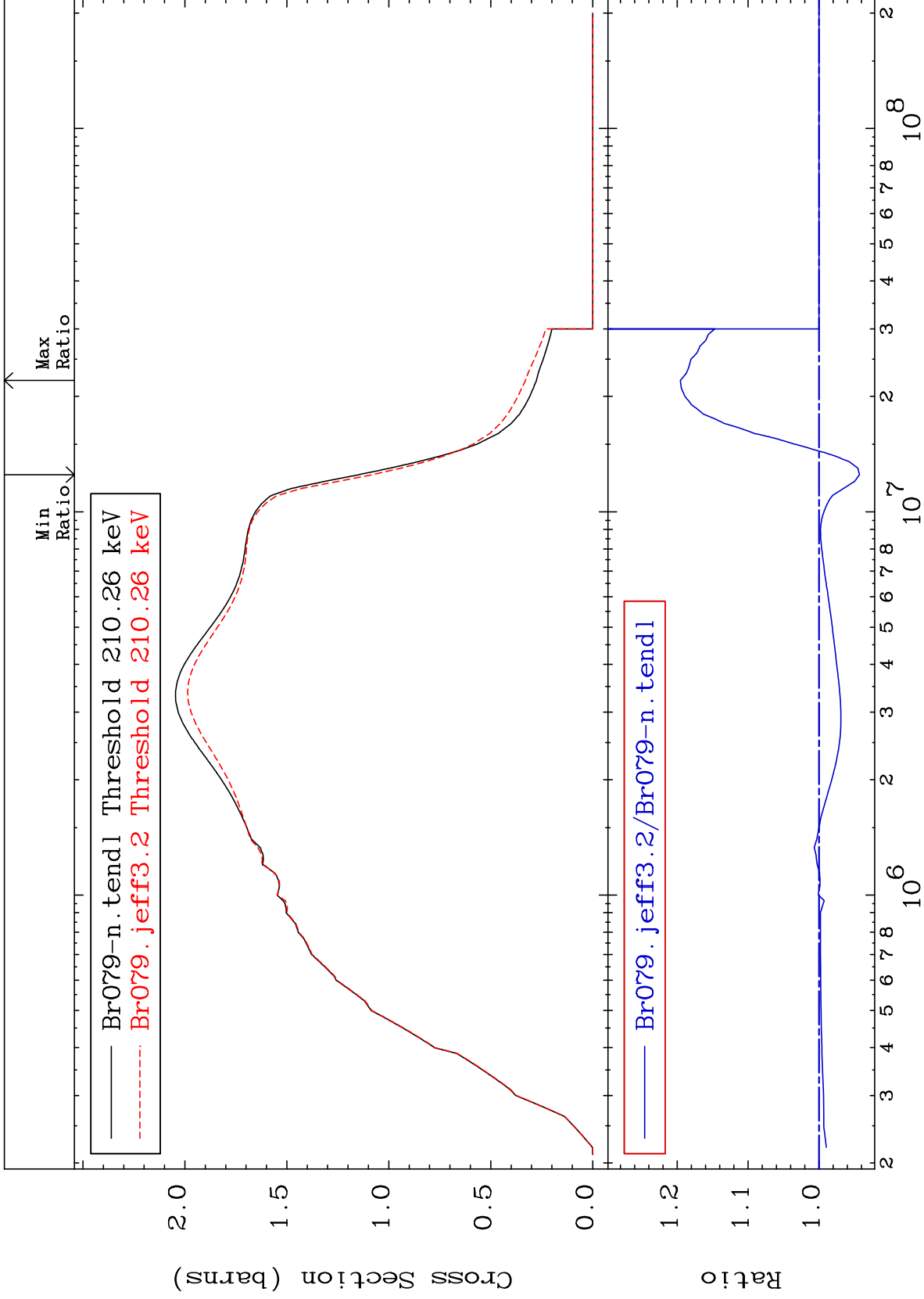


35-Br-79

MAT 3525

Inelastic
Cross Section

35-Br-79
-5.701 To 19.55 %



3

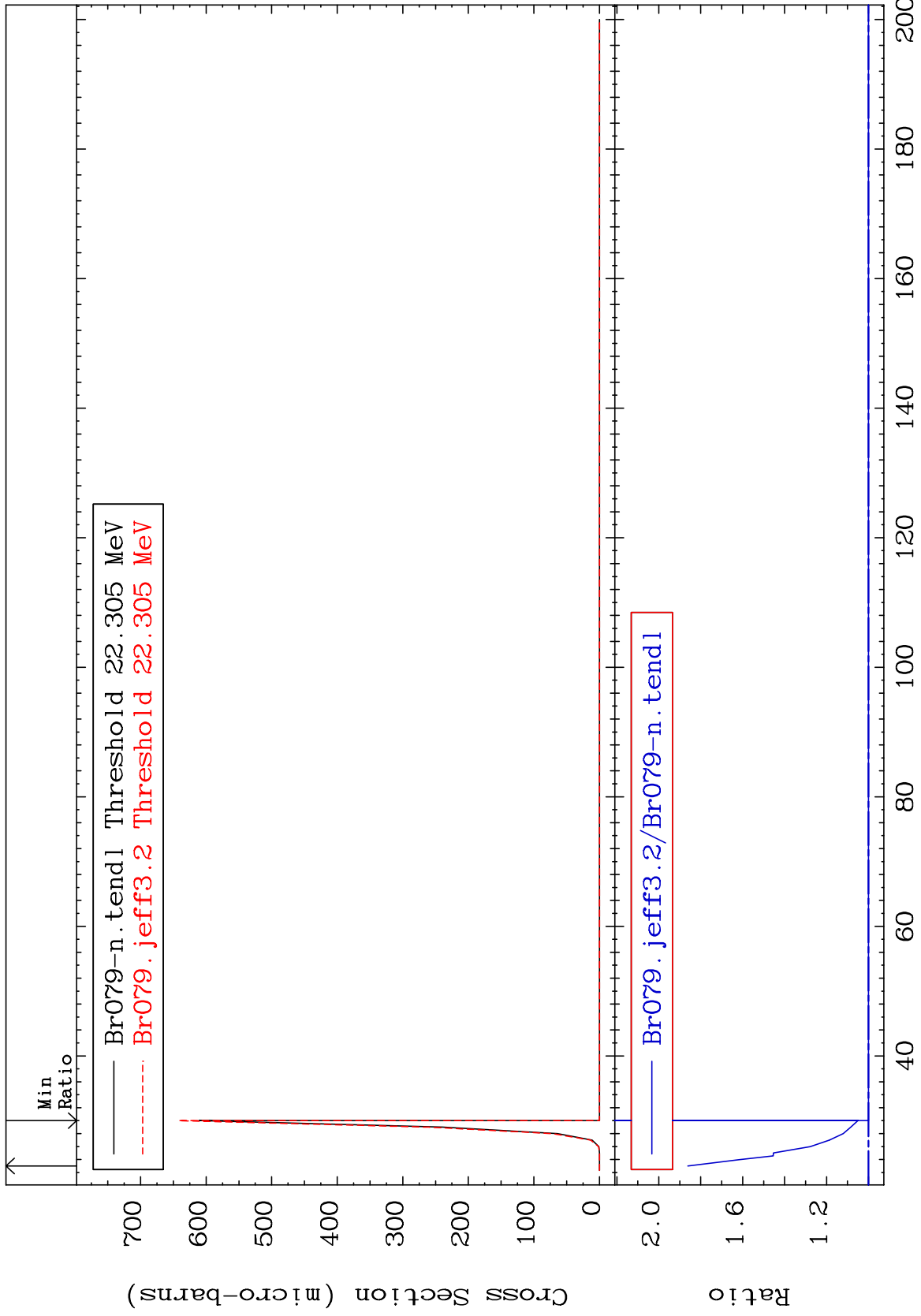
Incident Energy (eV)

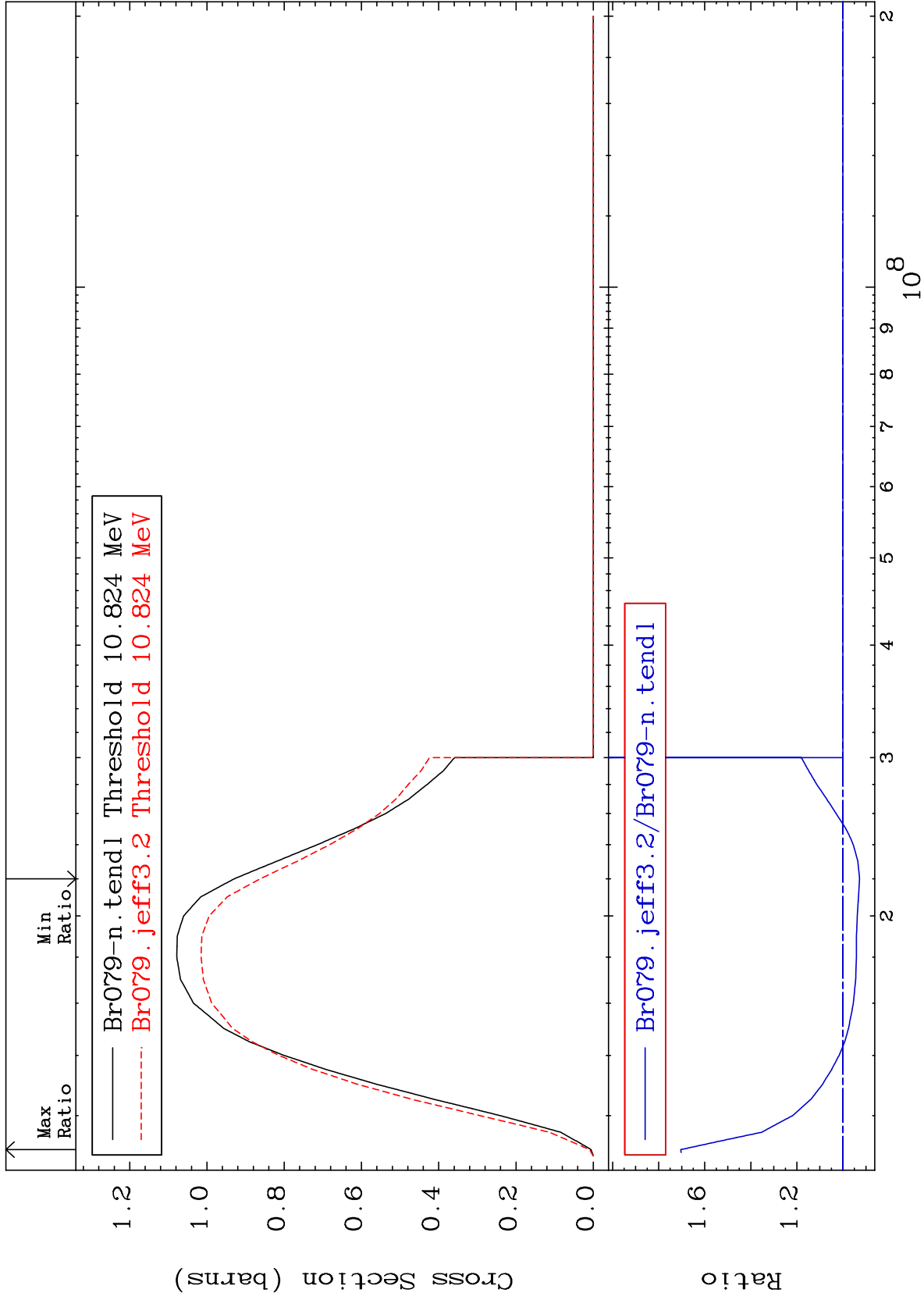
35-Br-79

MAT 3525

(n,2n) d
Cross Section

35-Br-79
0.000 To 86.14 %

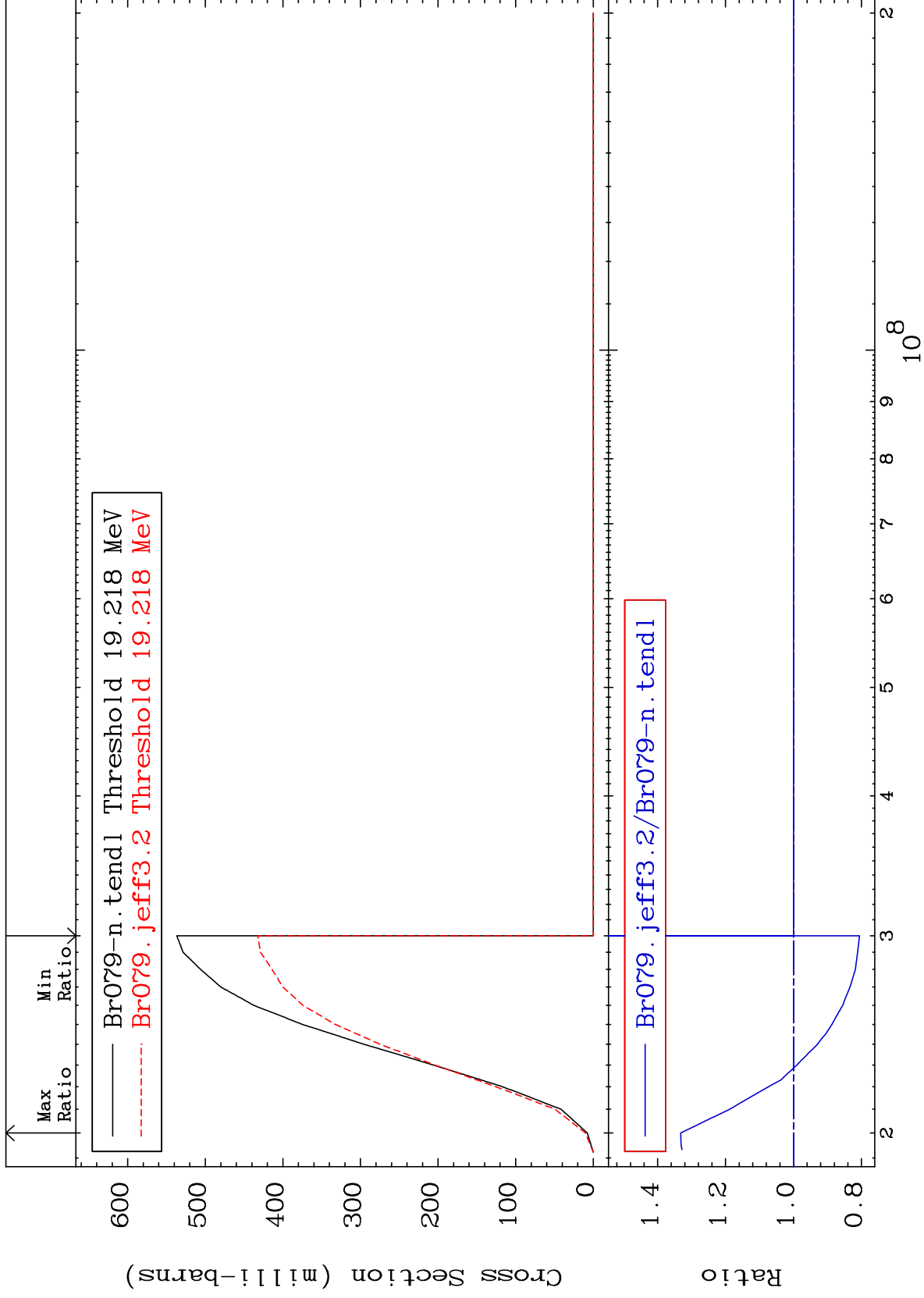




MAT 3525

(n,3n)
Cross Section

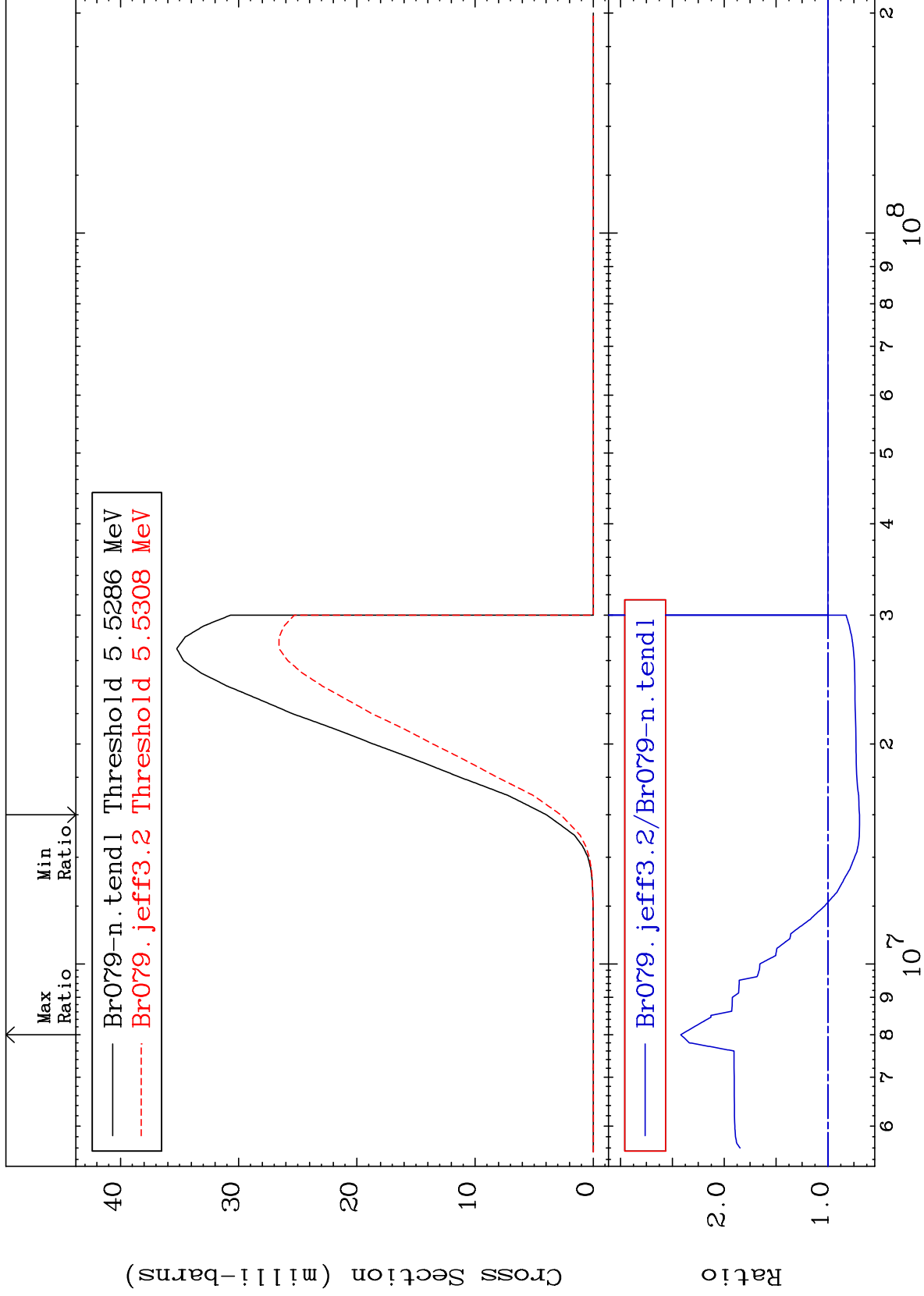
³⁵Br-79
-19.44 To 33.19 %



MAT 3525

(n, n') α
Cross Section

³⁵Br-79
-30.50 To 141.9 %



7

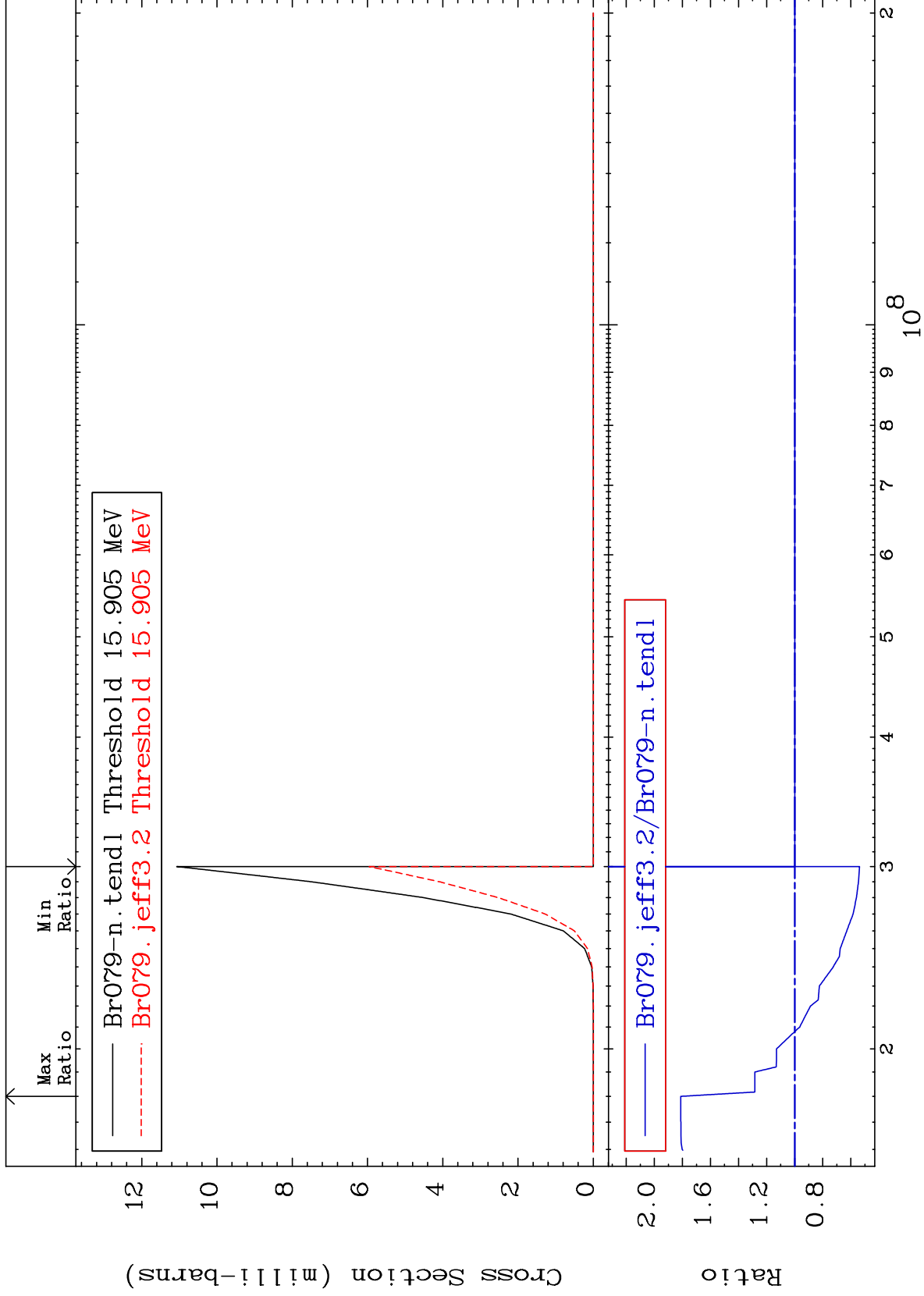
Incident Energy (eV)

³⁵Br-79

MAT 3525

(n,2n) α
Cross Section

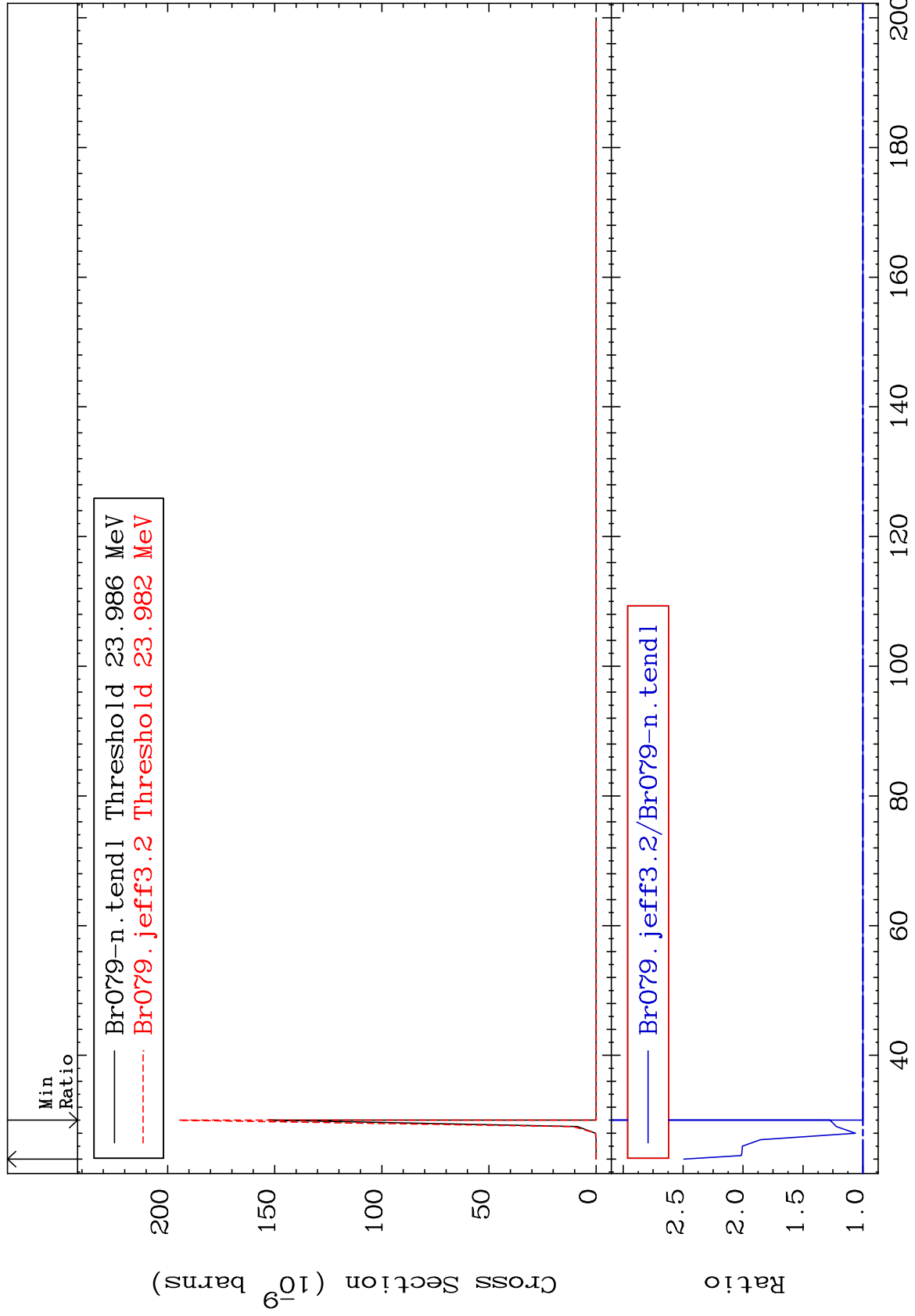
³⁵Br-79
-46.17 To 81.16 %



MAT 3525

(n,3n) α
Cross Section

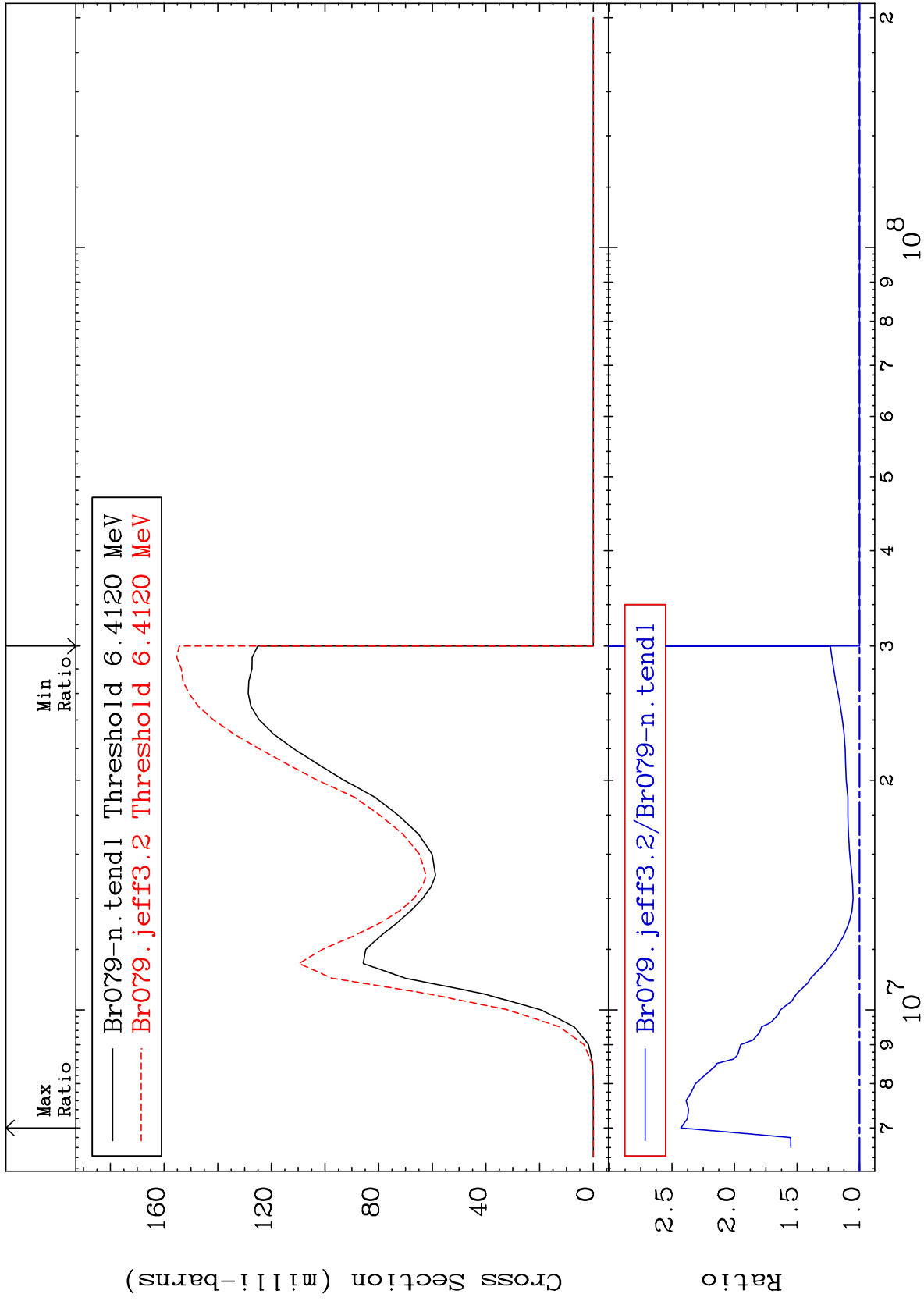
35-Br-79
0.000 To 149.4 %



MAT 3525

(n, n') p
Cross Section

35-Br-79
0.000 To 143.0 %



10

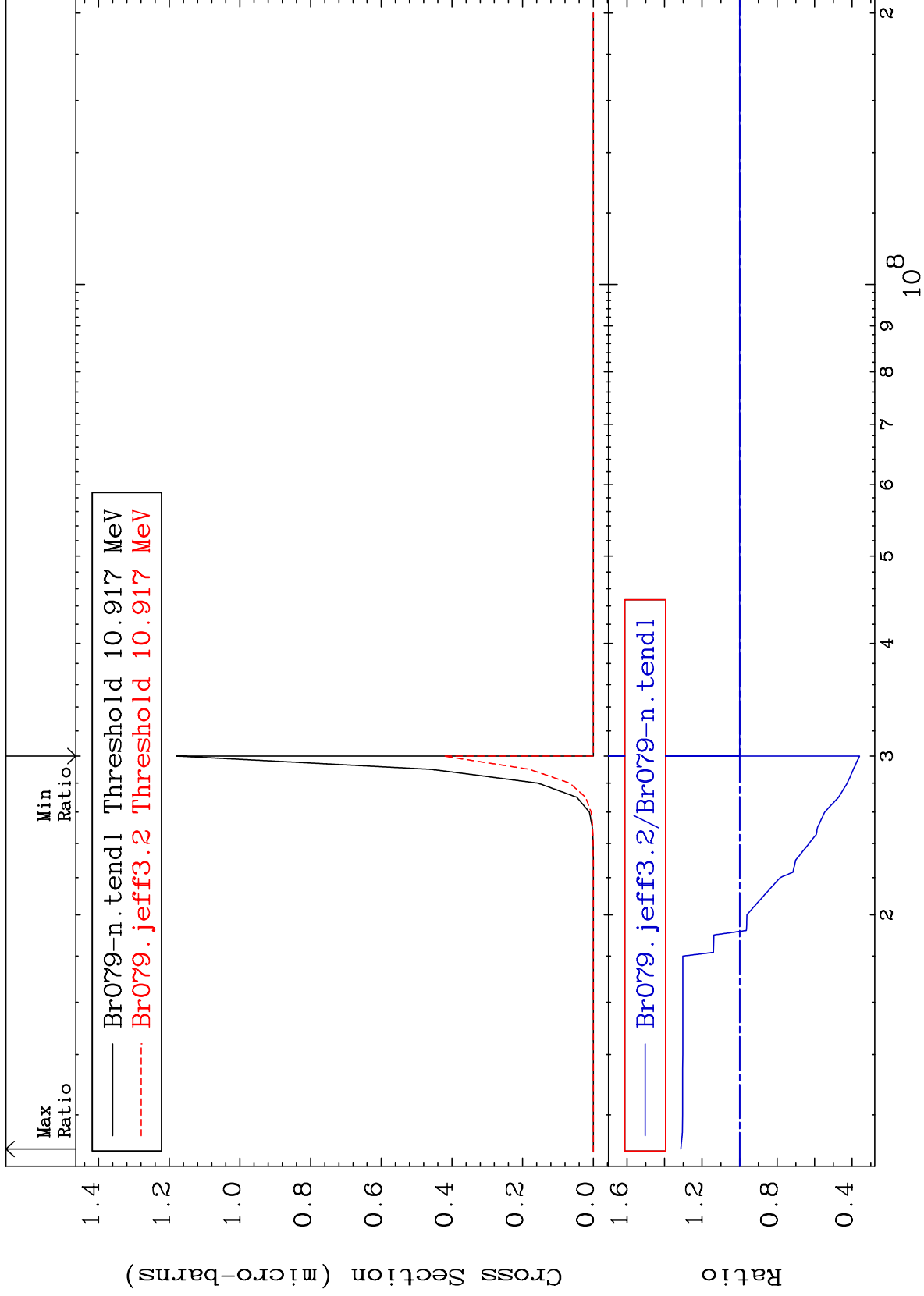
Incident Energy (eV)

35-Br-79

MAT 3525

(n, n') 2α
Cross Section

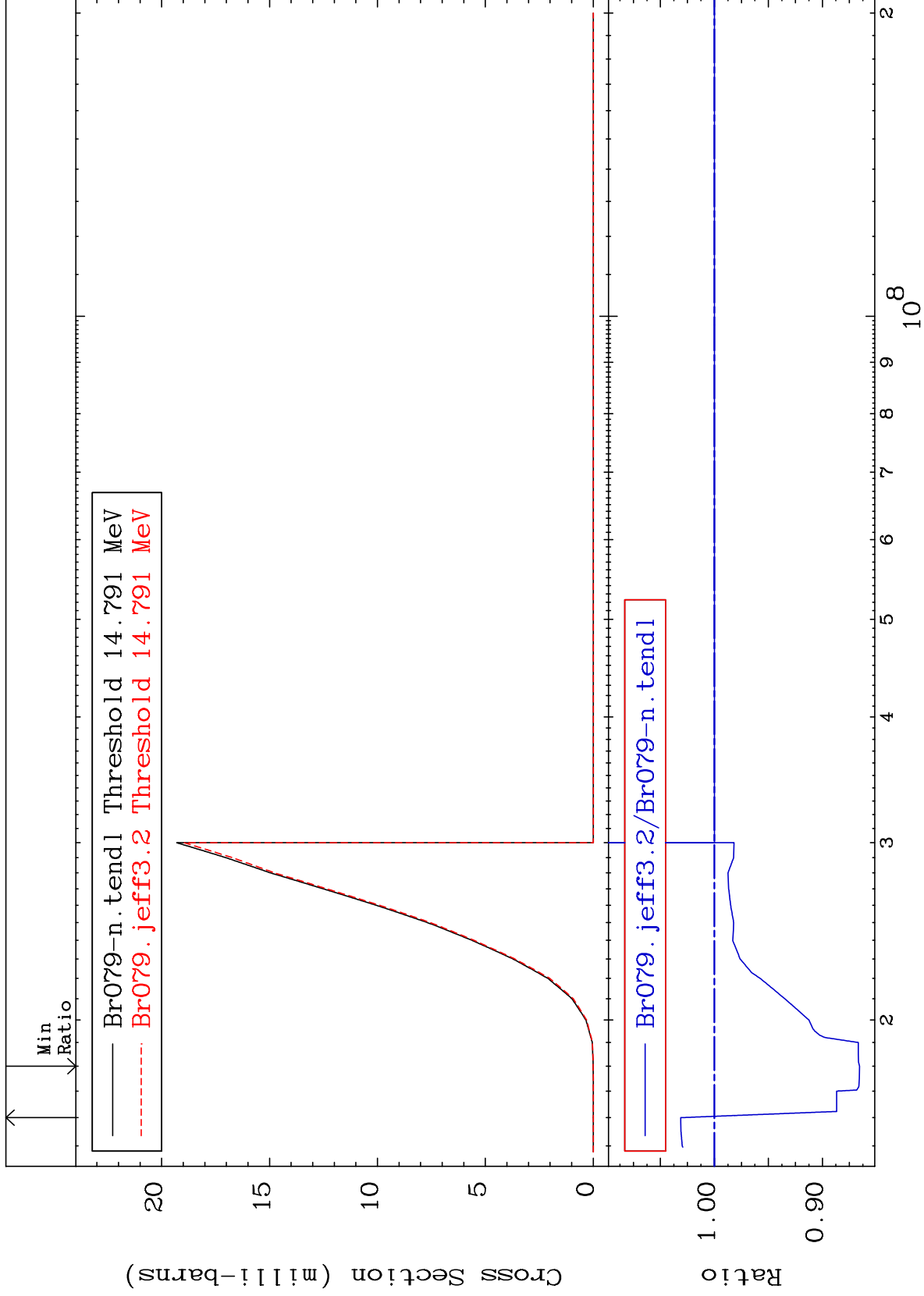
$^{35}\text{Br-79}$
-63.98 To 31.35 %



MAT 3525

(n,n') d
Cross Section

35-Br-79
-13.44 To 3.116 %



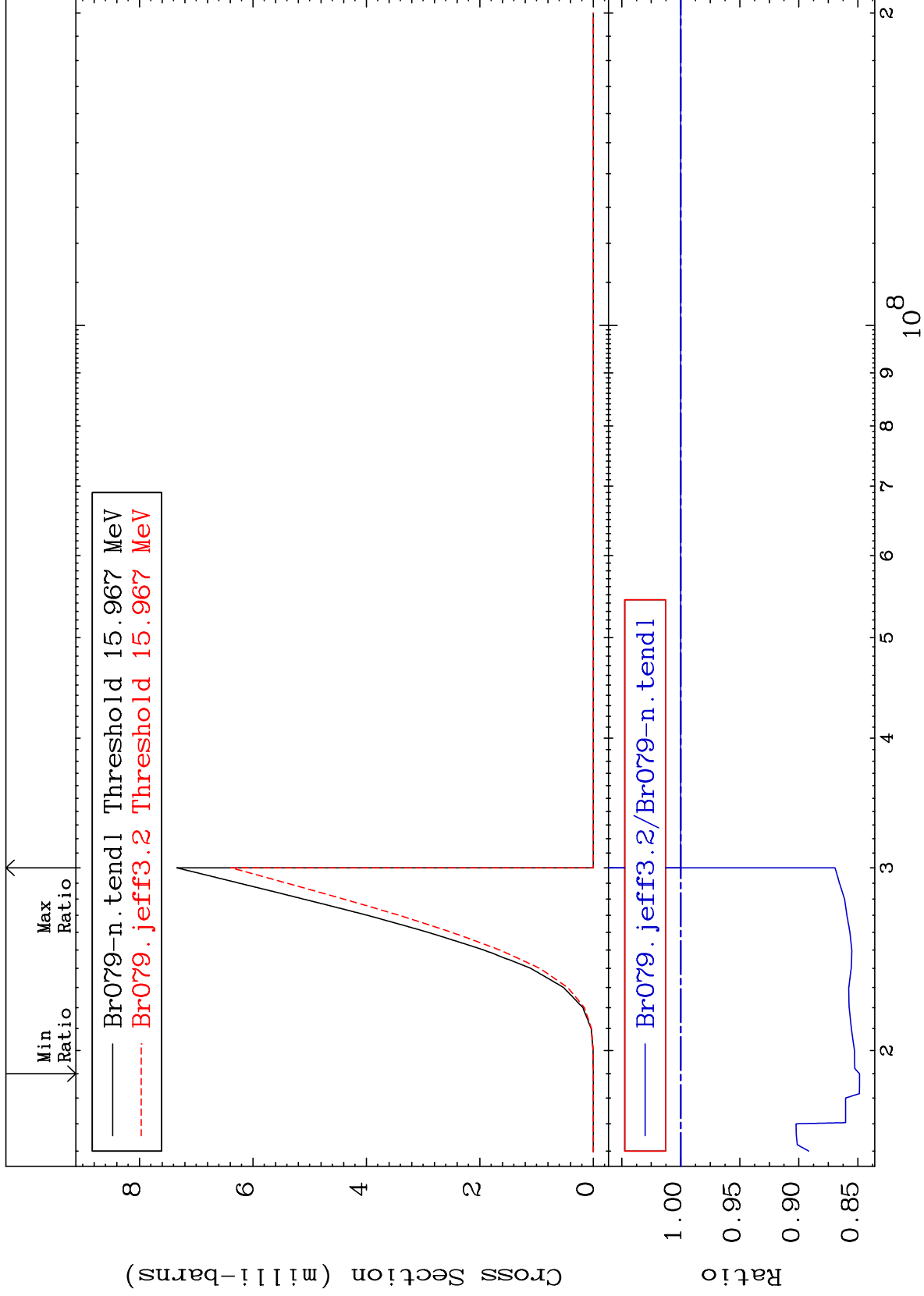
12

Incident Energy (eV)

35-Br-79

Cross Section

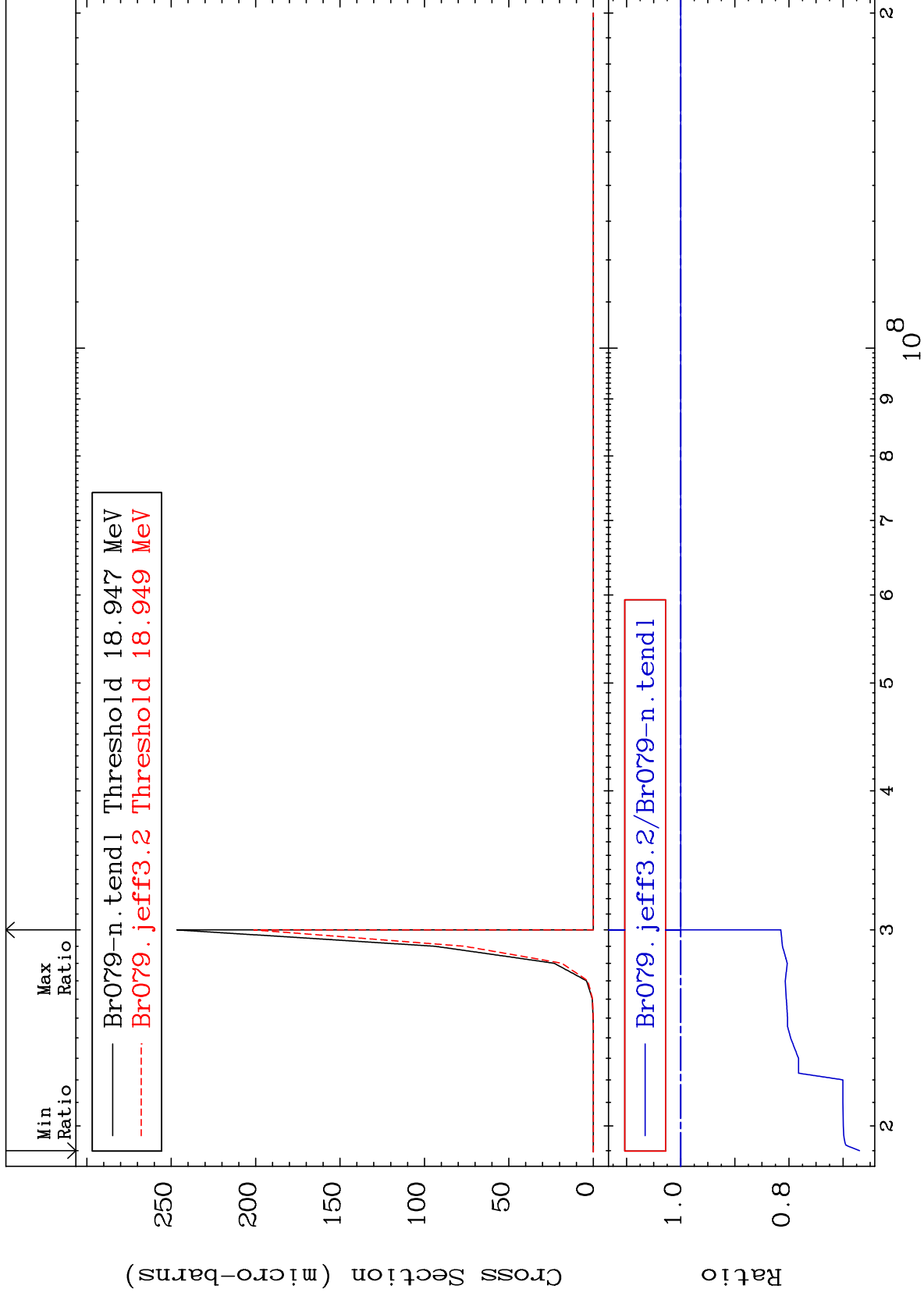
-15.14 To 0.000 %



MAT 3525

(n, n') He-3
Cross Section

35-Br-79
-33.03 To 0.000 %



14

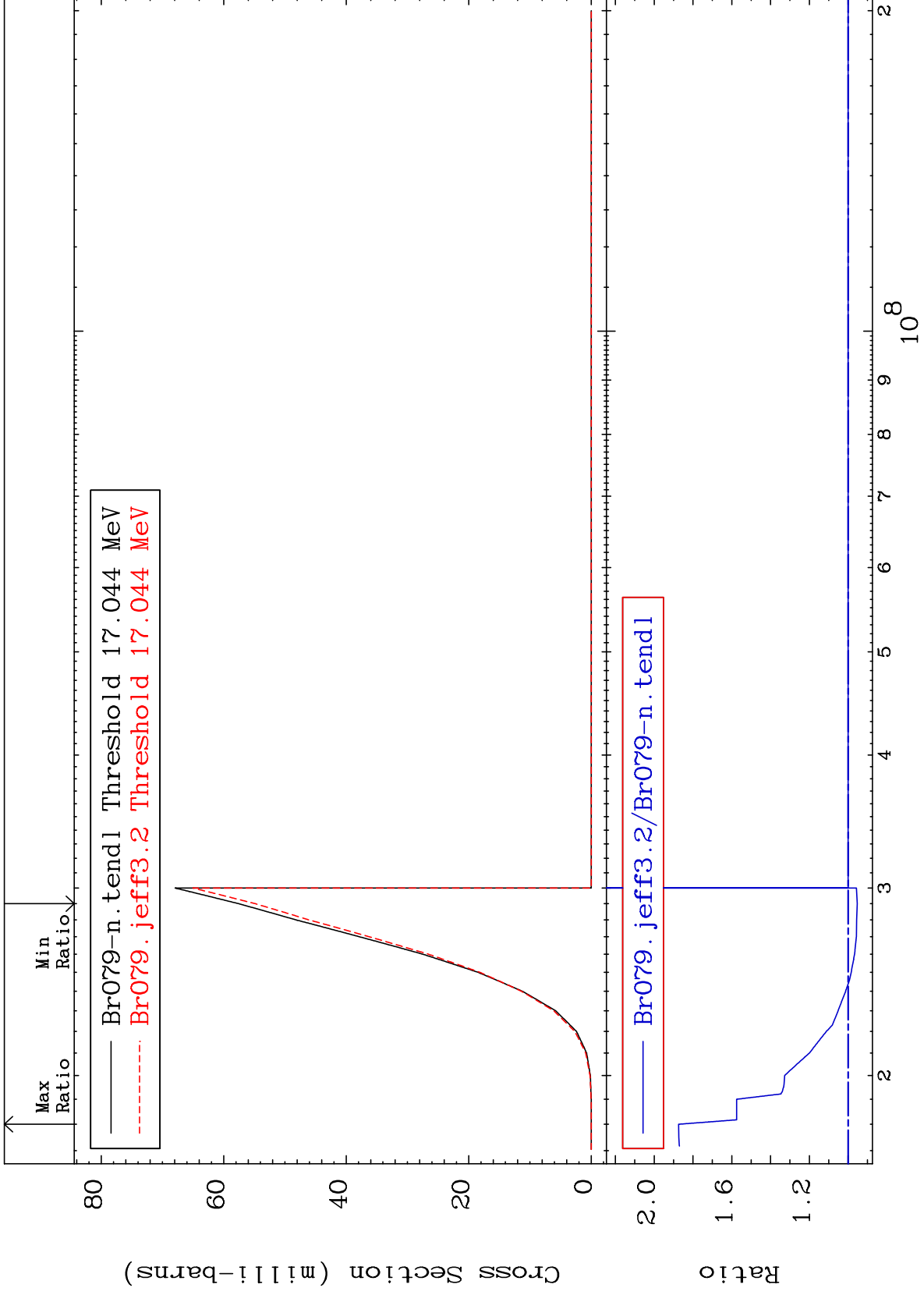
Incident Energy (eV)

35-Br-79

MAT 3525

(n,2n) p
Cross Section

³⁵Br-79
-4.715 To 87.38 %



15

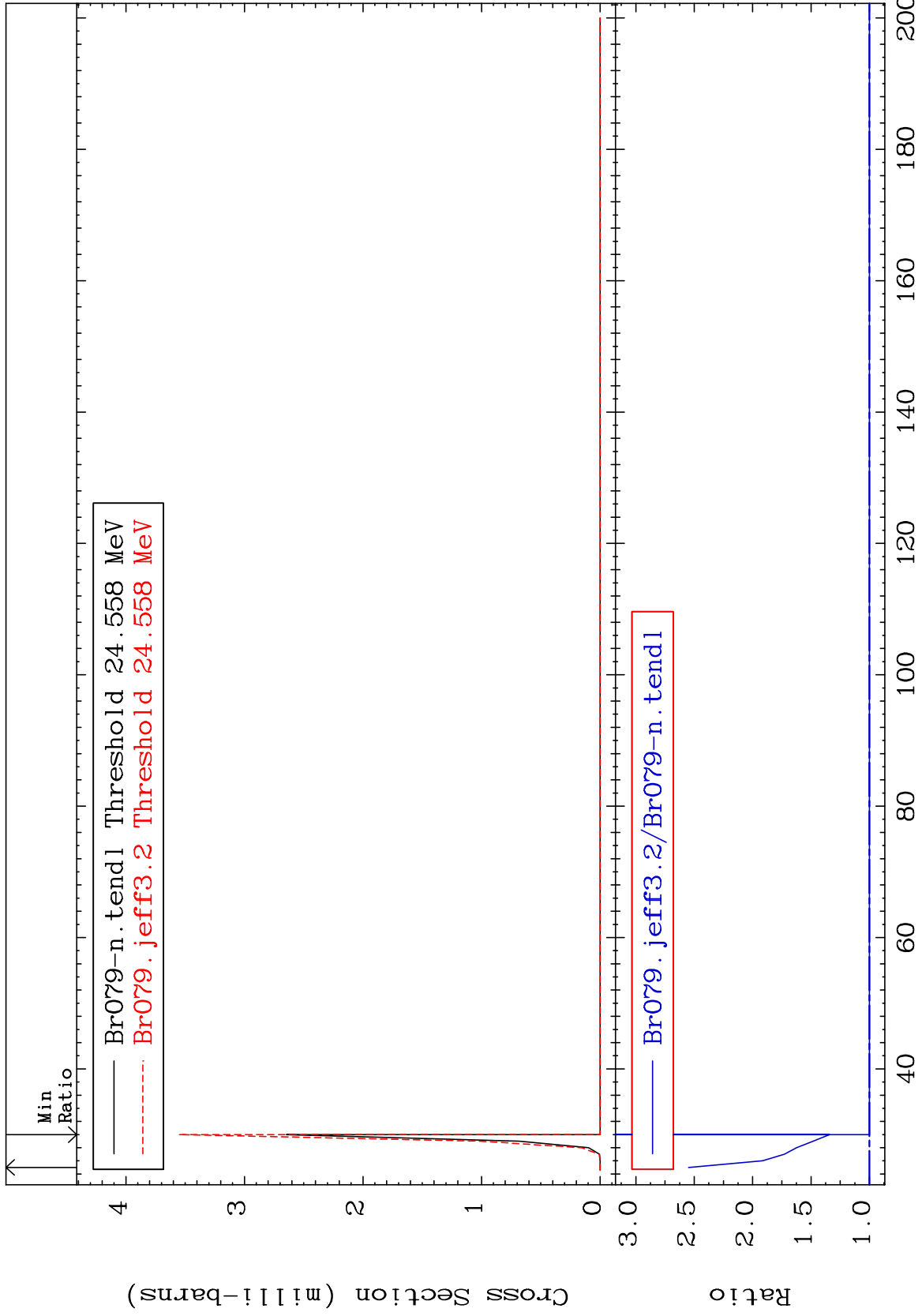
Incident Energy (eV)

³⁵Br-79

MAT 3525

(n,3n) p
Cross Section

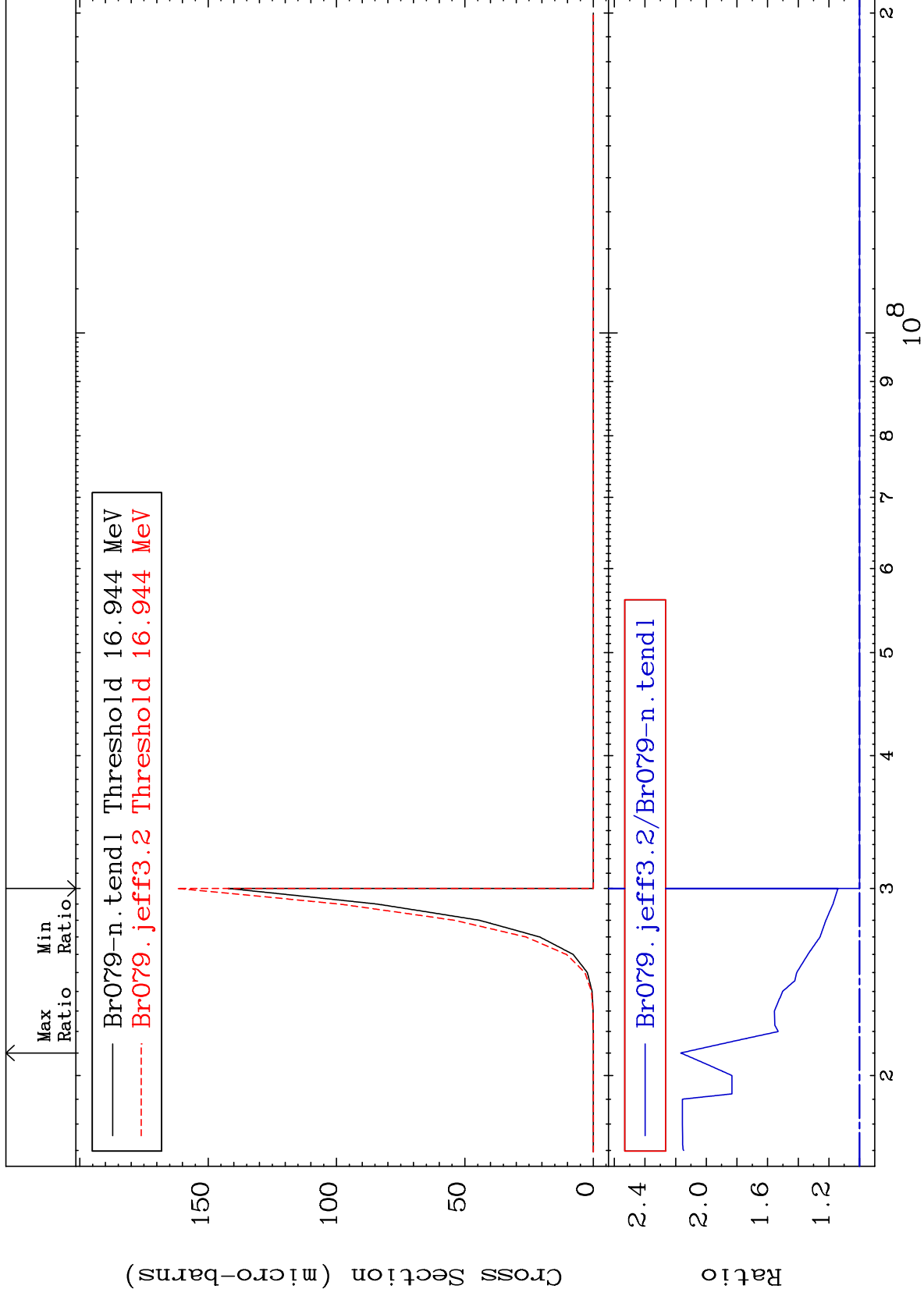
³⁵Br-79
0.000 To 154.8 %



MAT 3525

(n,2n) p
Cross Section

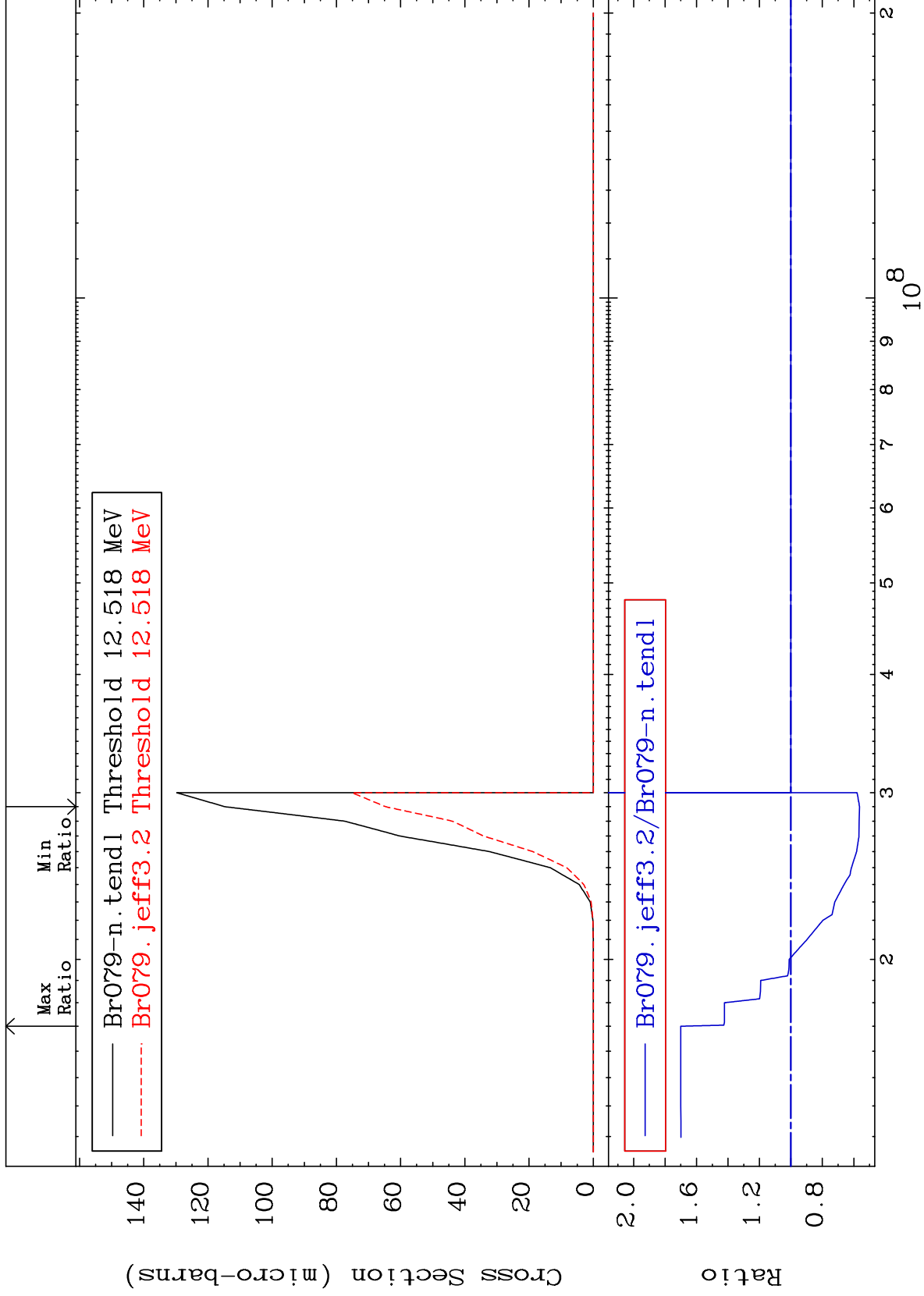
35-Br-79
0.000 To 116.6 %



MAT 3525

(n,n') p α
Cross Section

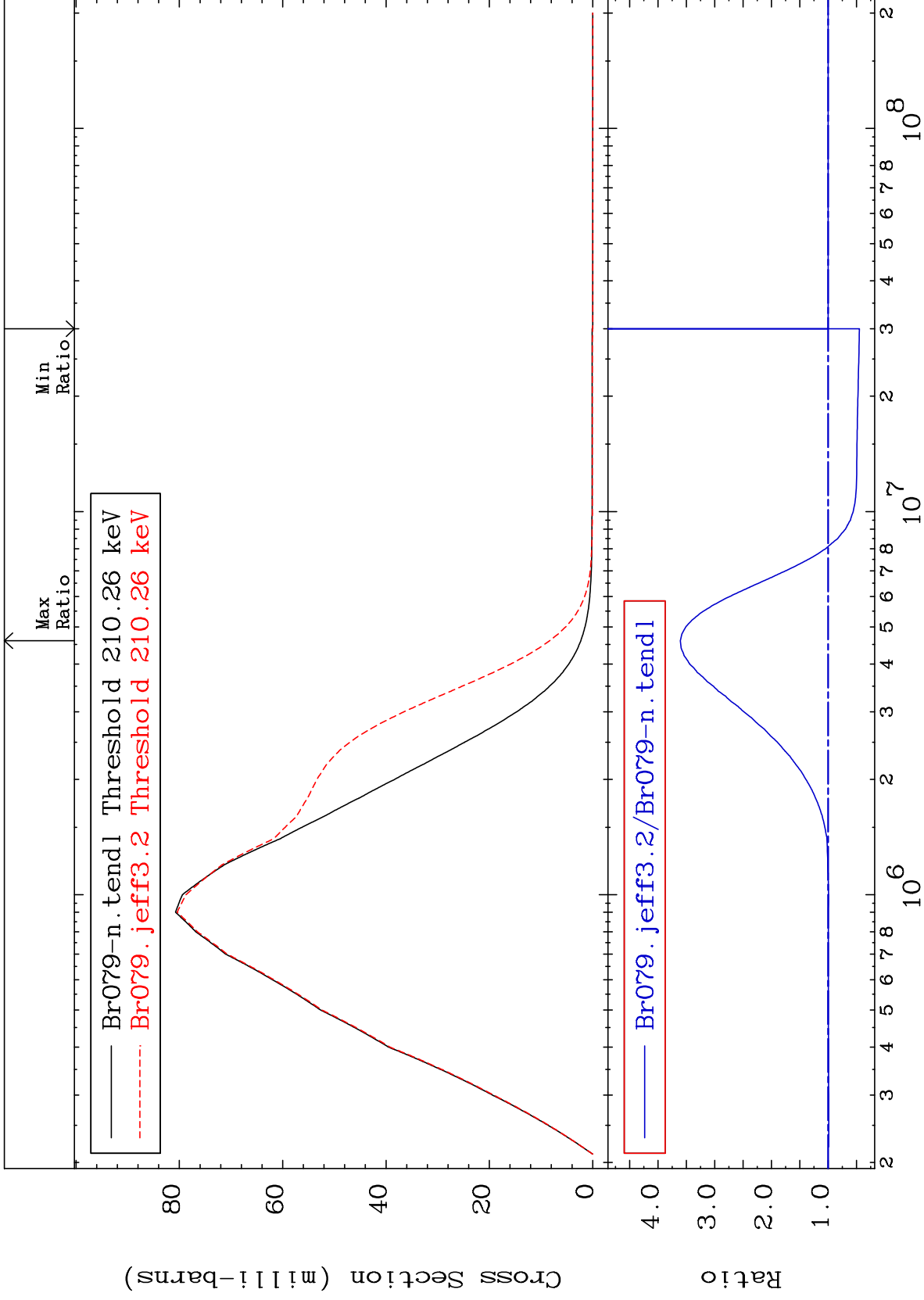
³⁵Br-79
-43.63 To 70.03 %



MAT 3525

207.6 keV (n,n') Level
Cross Section

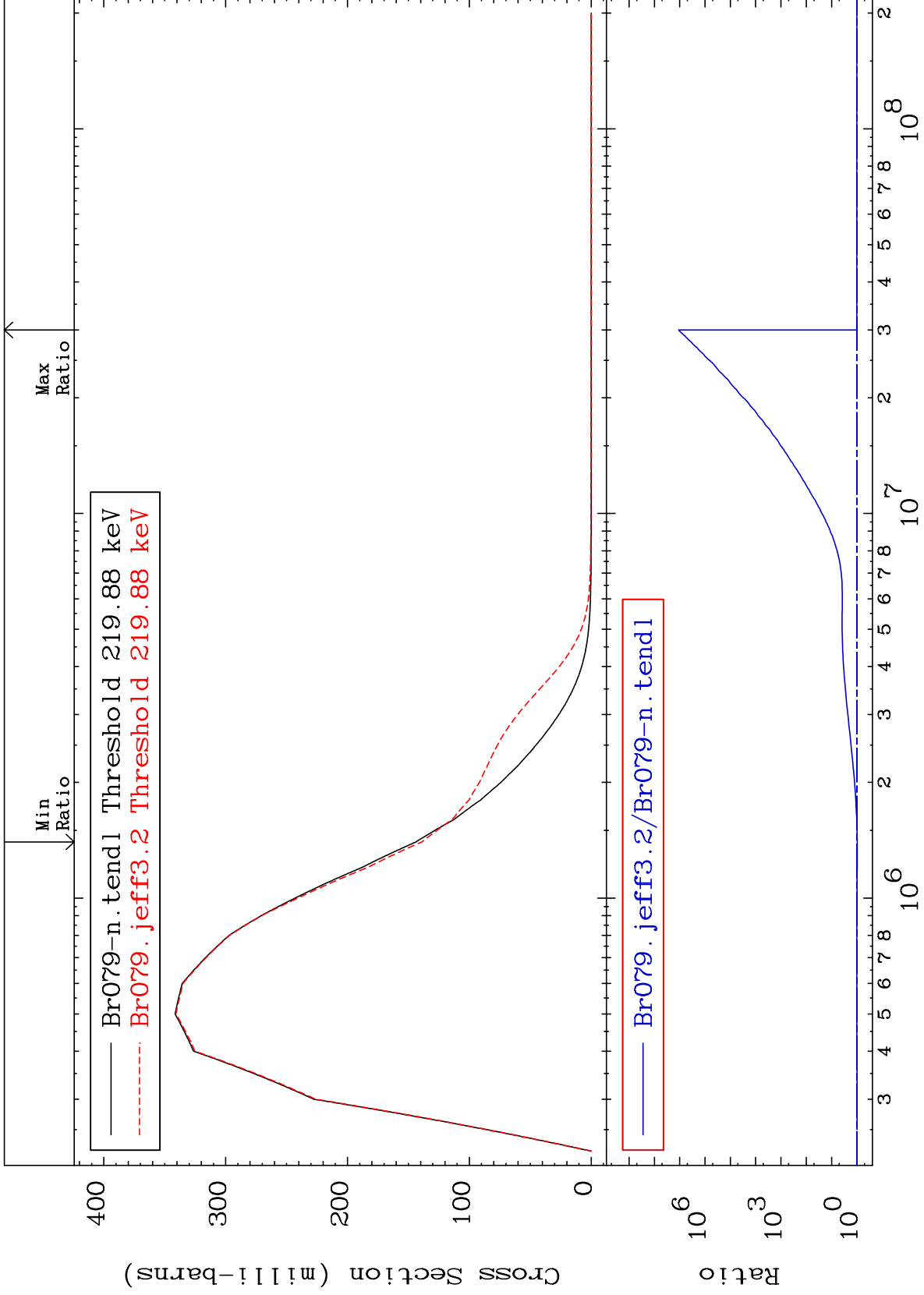
35-Br-79
-55.20 To 260.5 %



MAT 3525

217.1 keV (n,n') Level
Cross Section

35-Br-79
-3.265 To 9999. %



20

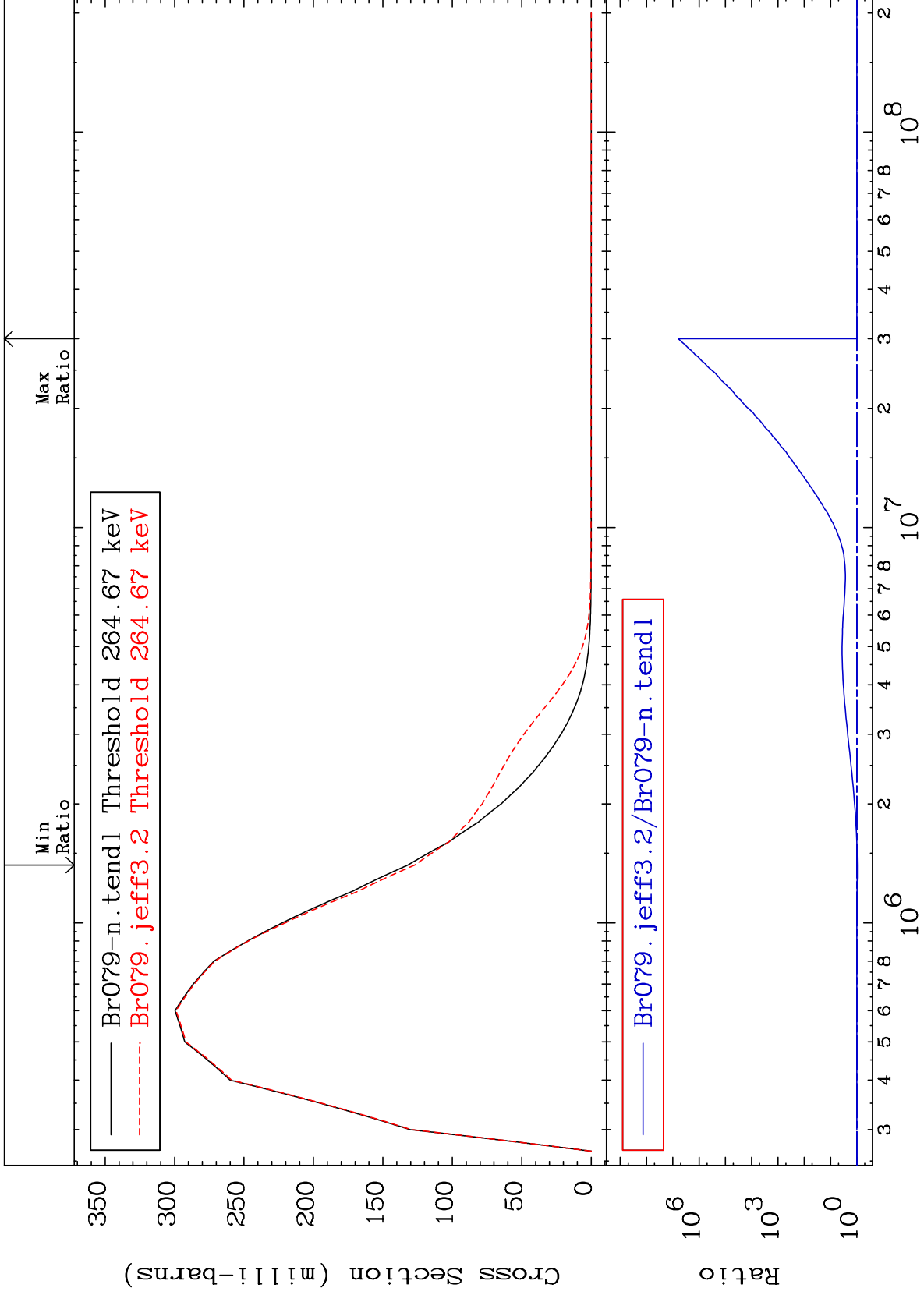
Incident Energy (eV)

35-Br-79

MAT 3525

261.3 keV (n,n') Level
Cross Section

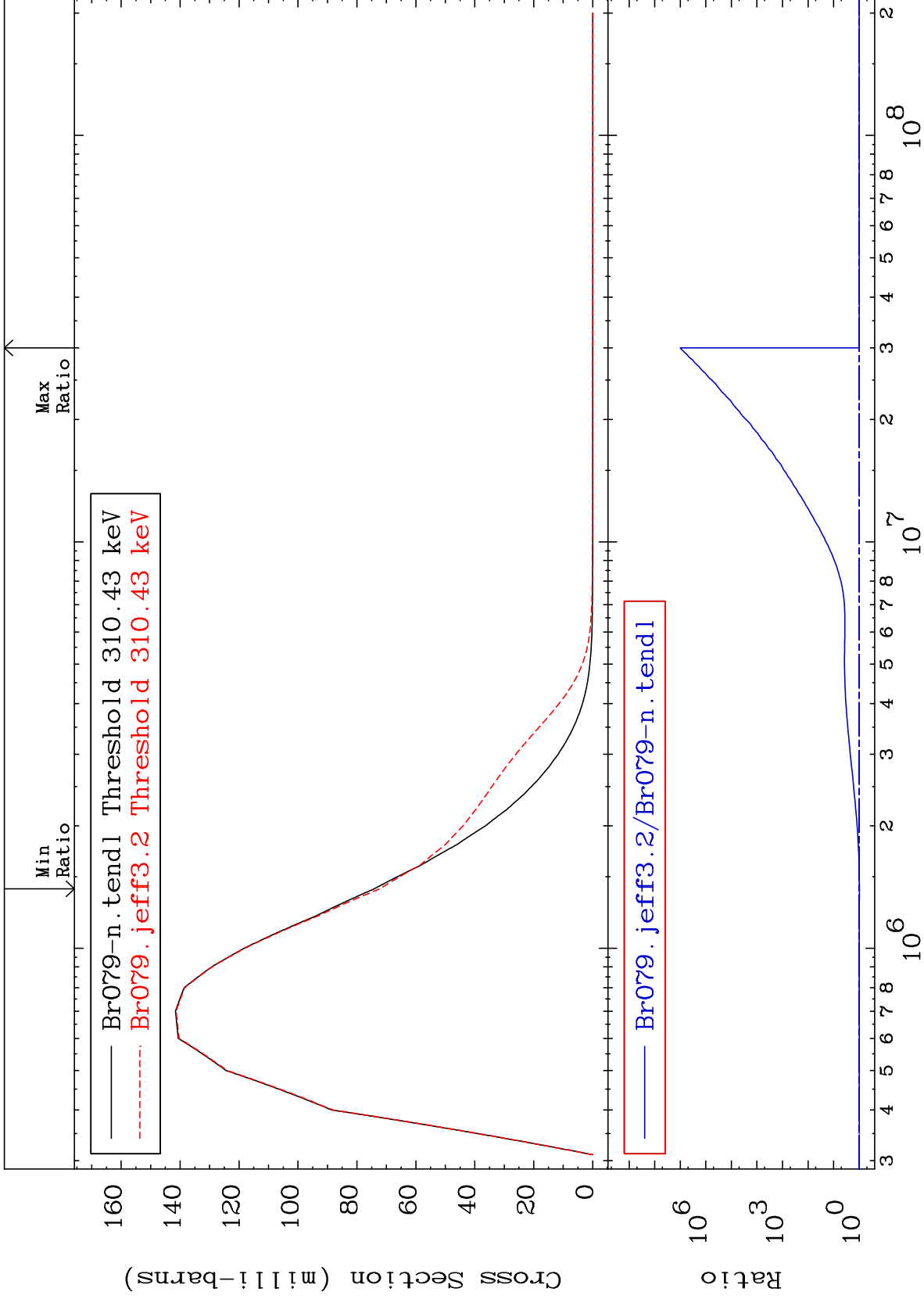
35-Br-79
-3.690 To 9999. %



MAT 3525

306.5 keV (n,n') Level
Cross Section

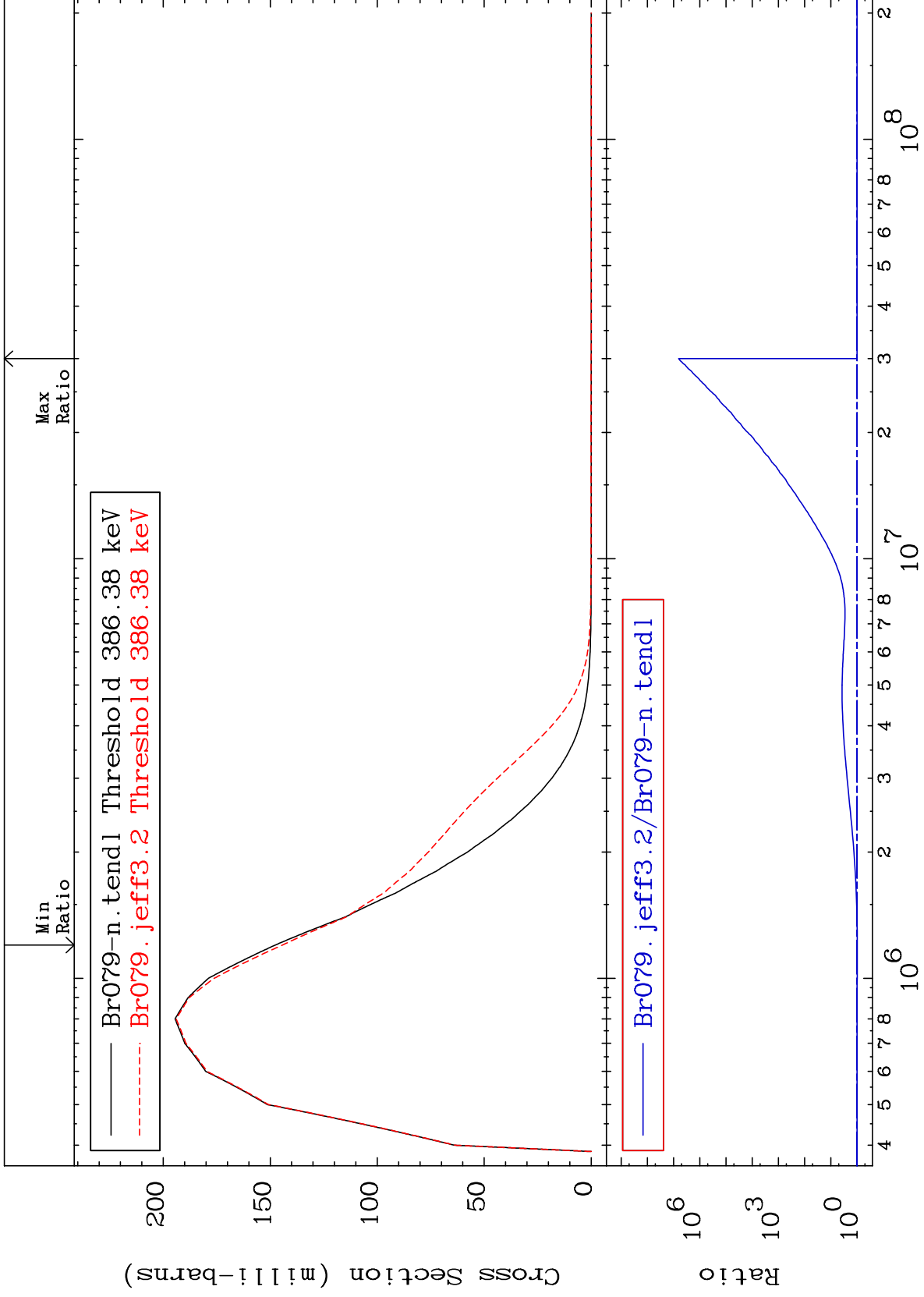
35-Br-79
-2.499 To 9999. %



MAT 3525

381.5 keV (n,n') Level
Cross Section

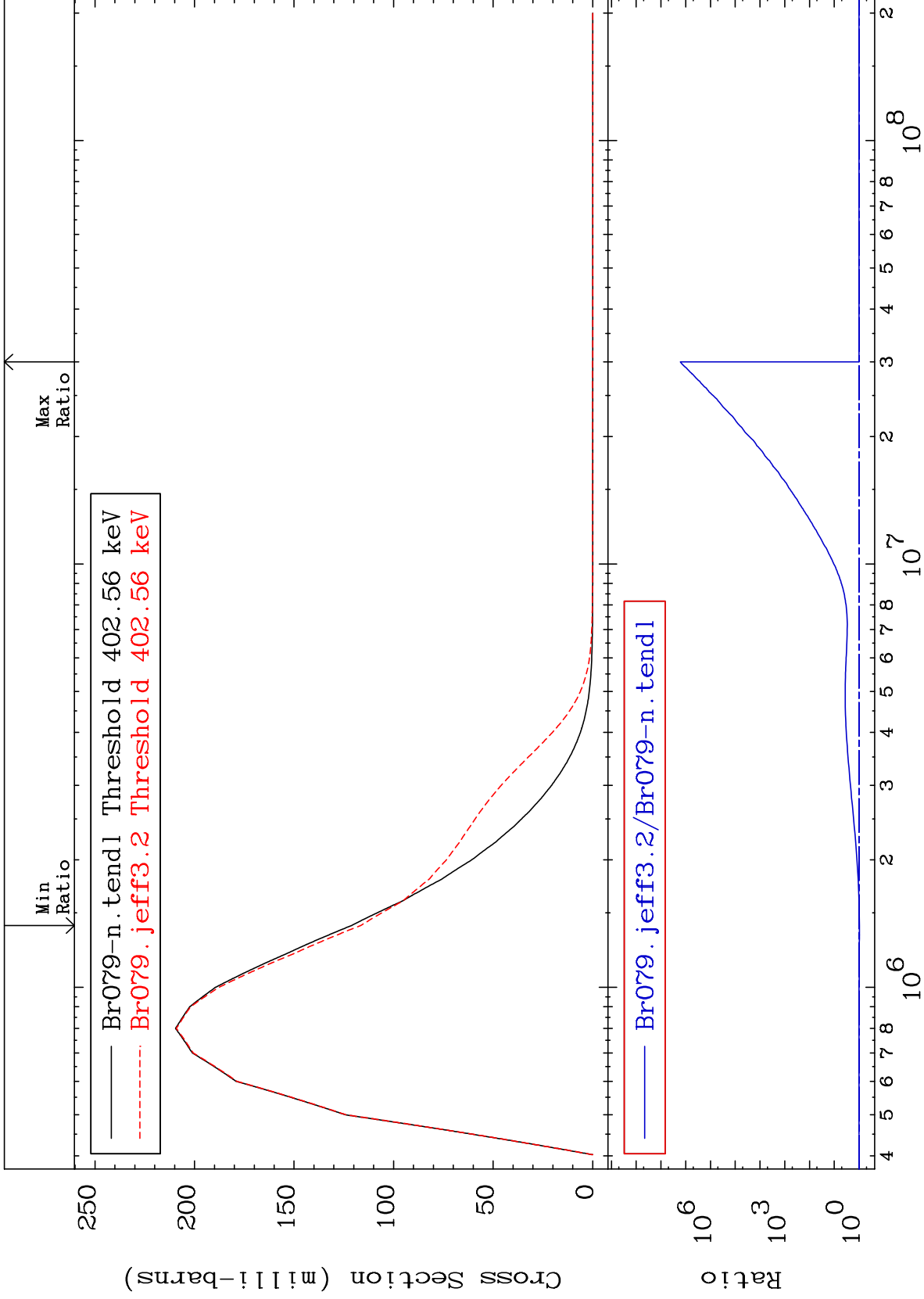
35-Br-79
-2.243 To 9999. %



MAT 3525

397.5 keV (n,n') Level
Cross Section

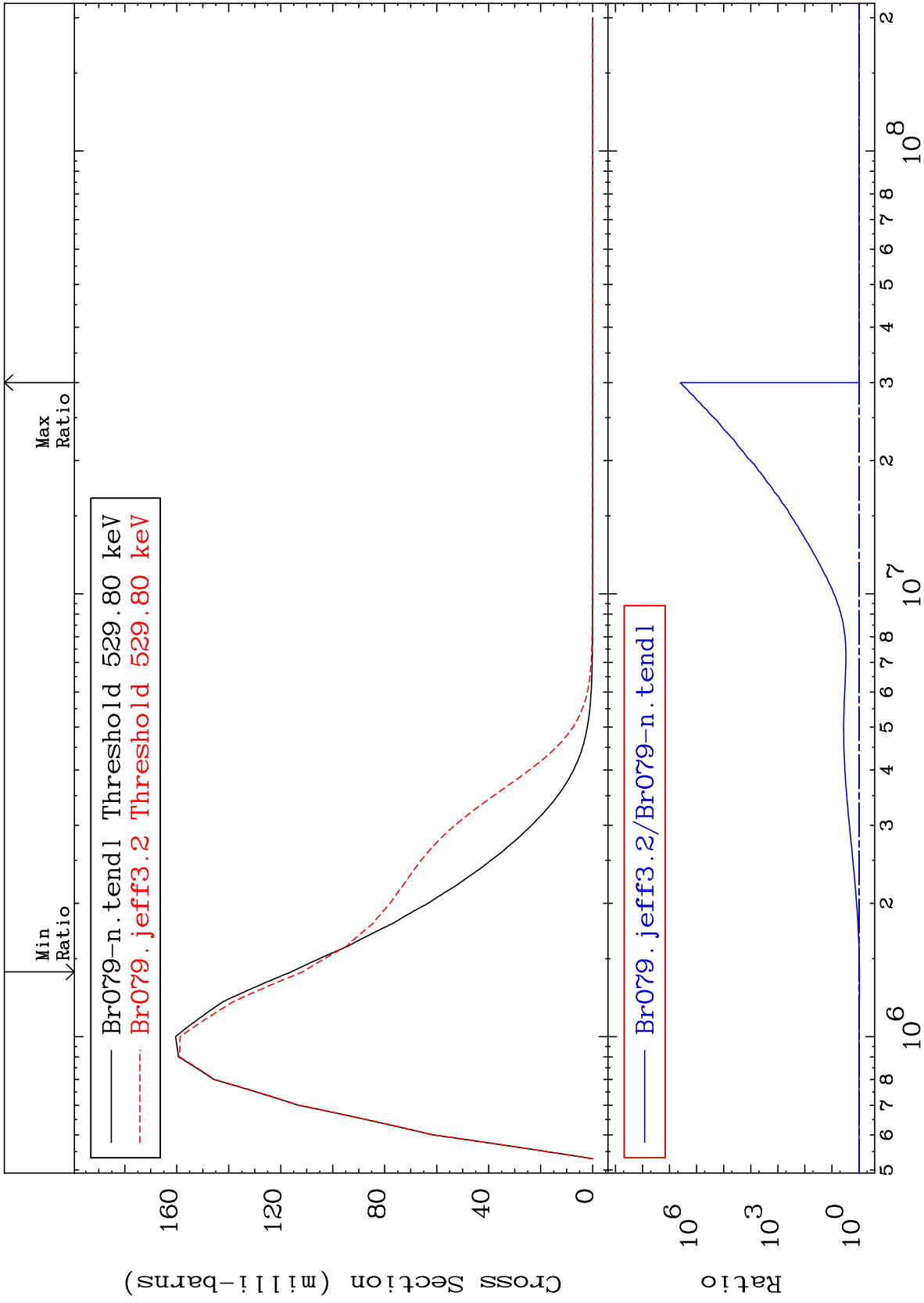
35-Br-79
-3.779 To 9999. %



MAT 3525

523.1 keV (n,n') Level
Cross Section

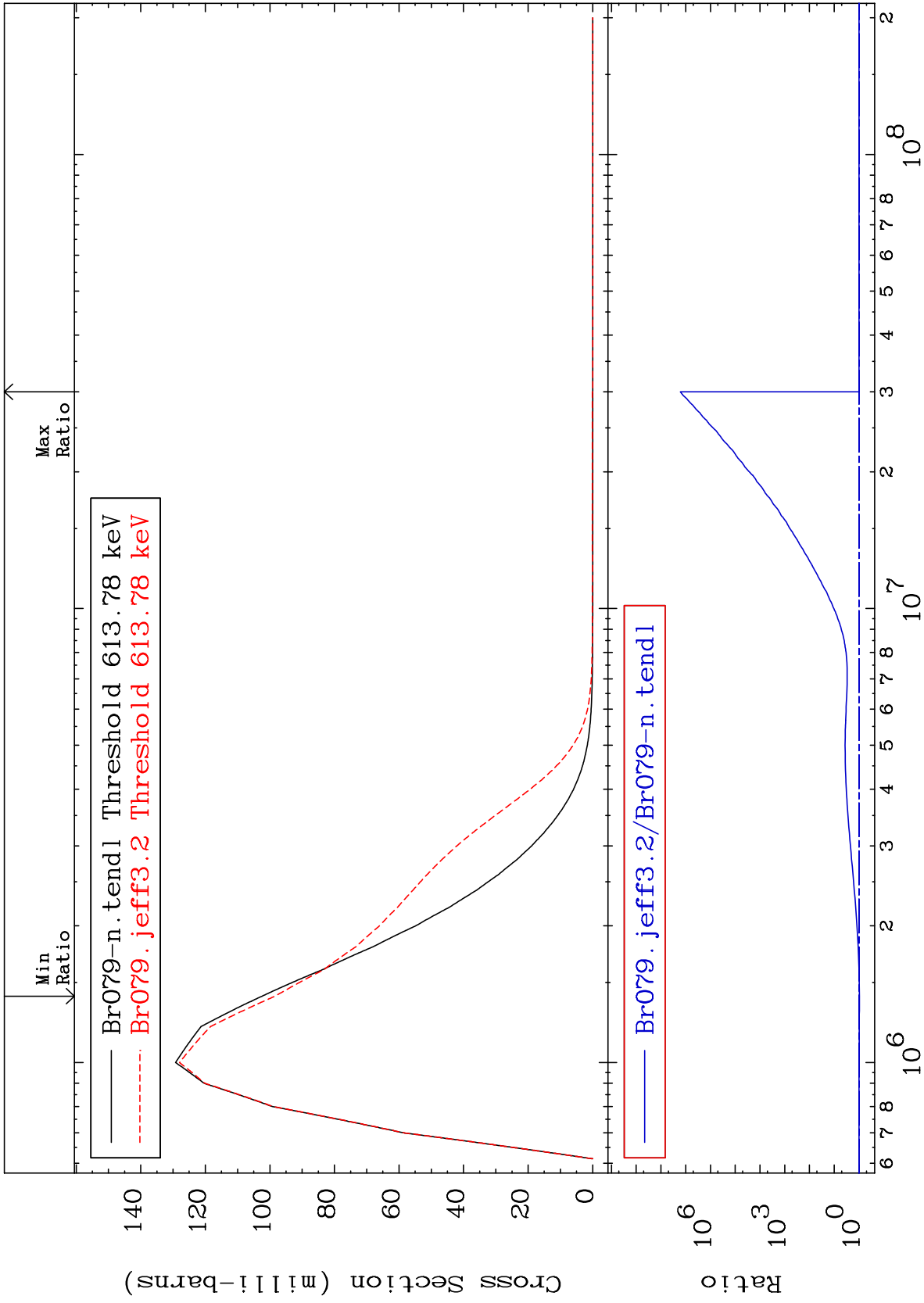
35-Br-79
-3.844 To 9999. %



MAT 3525

606.0 keV (n,n') Level
Cross Section

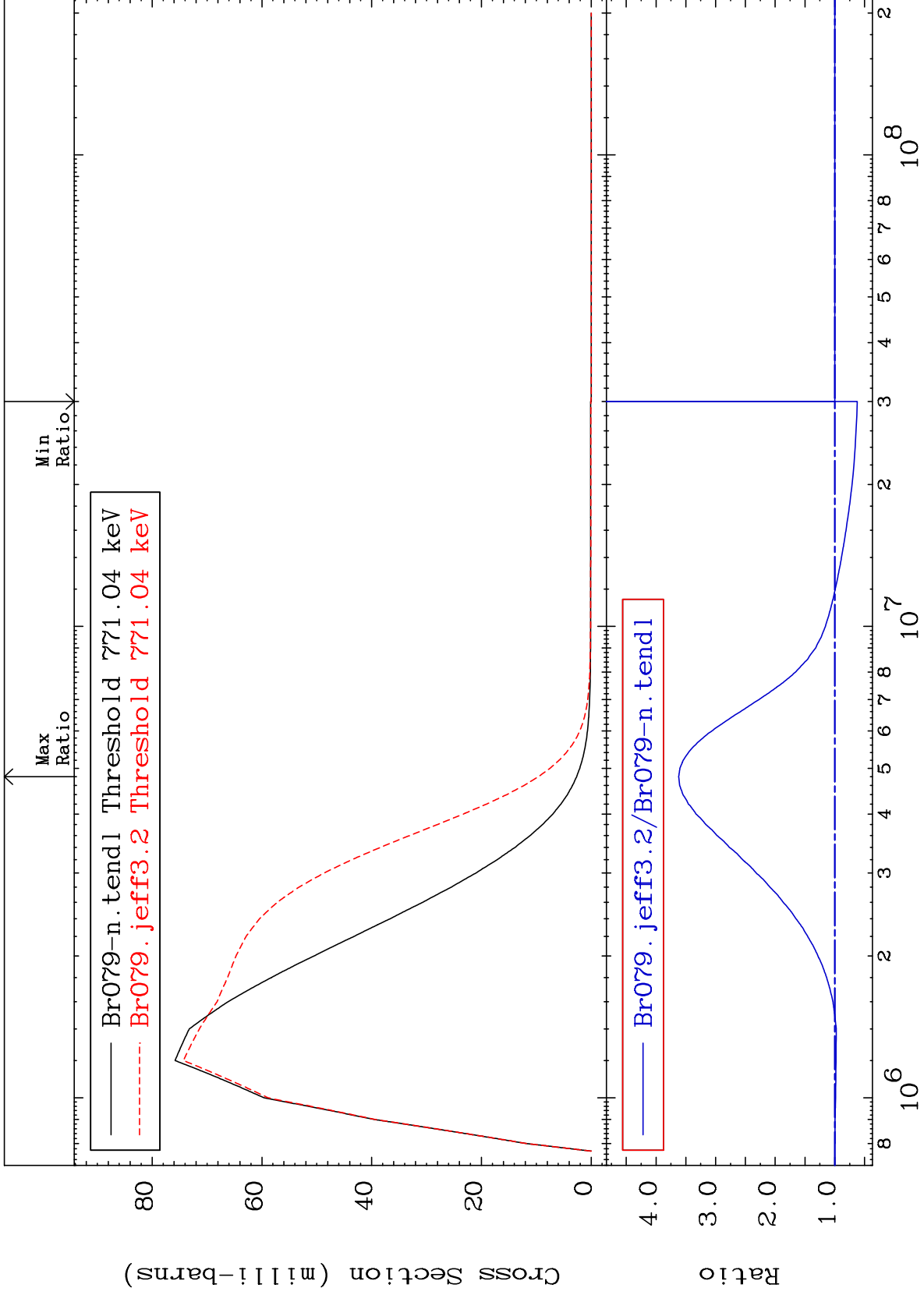
35-Br-79
-3.953 To 9999. %



MAT 3525

761.3 keV (n,n') Level
Cross Section

³⁵Br-79
-37.75 To 262.1 %



27

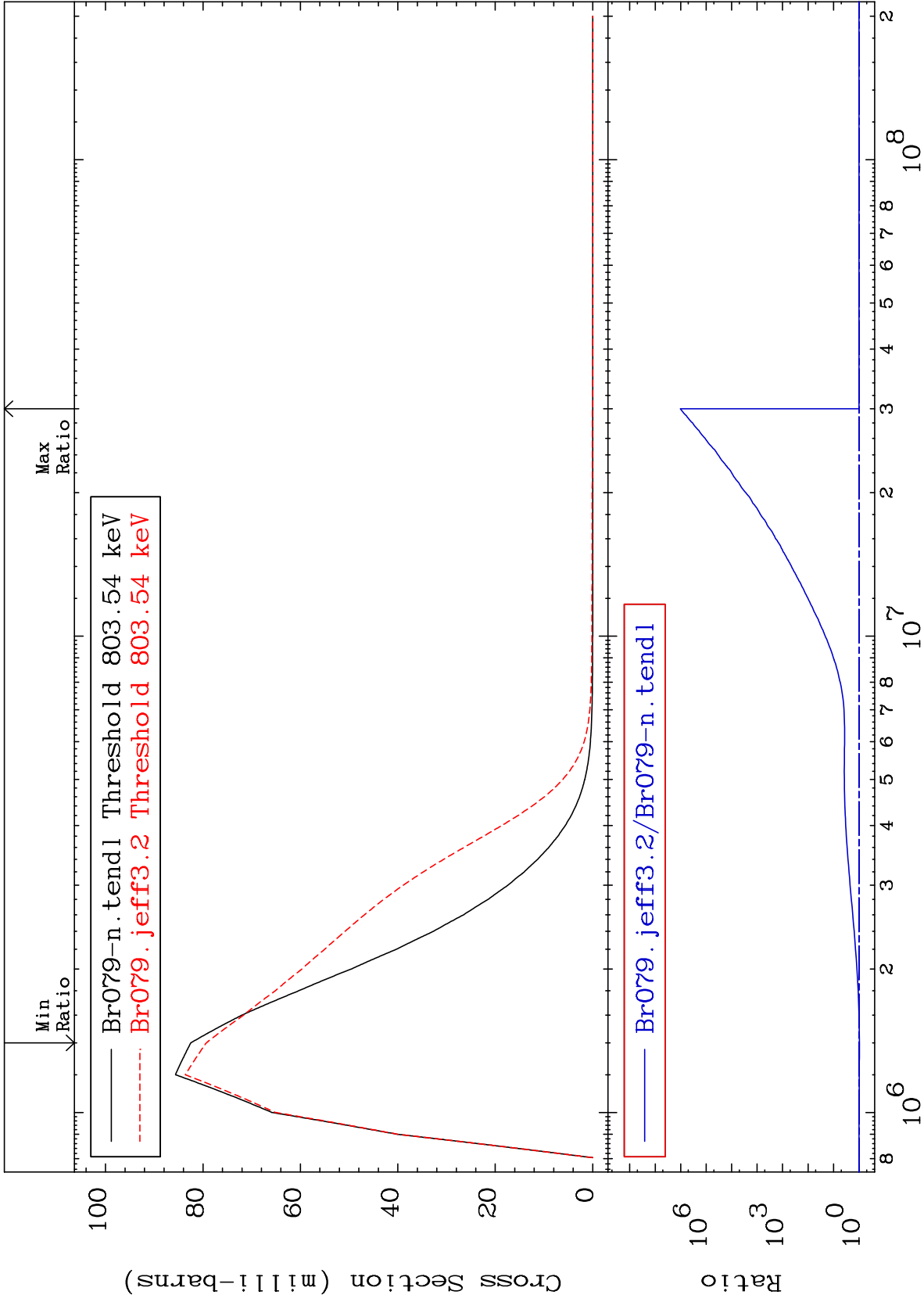
Incident Energy (eV)

³⁵Br-79

MAT 3525

793.4 keV (n,n') Level
Cross Section

35-Br-79
-3.877 To 9999. %



28

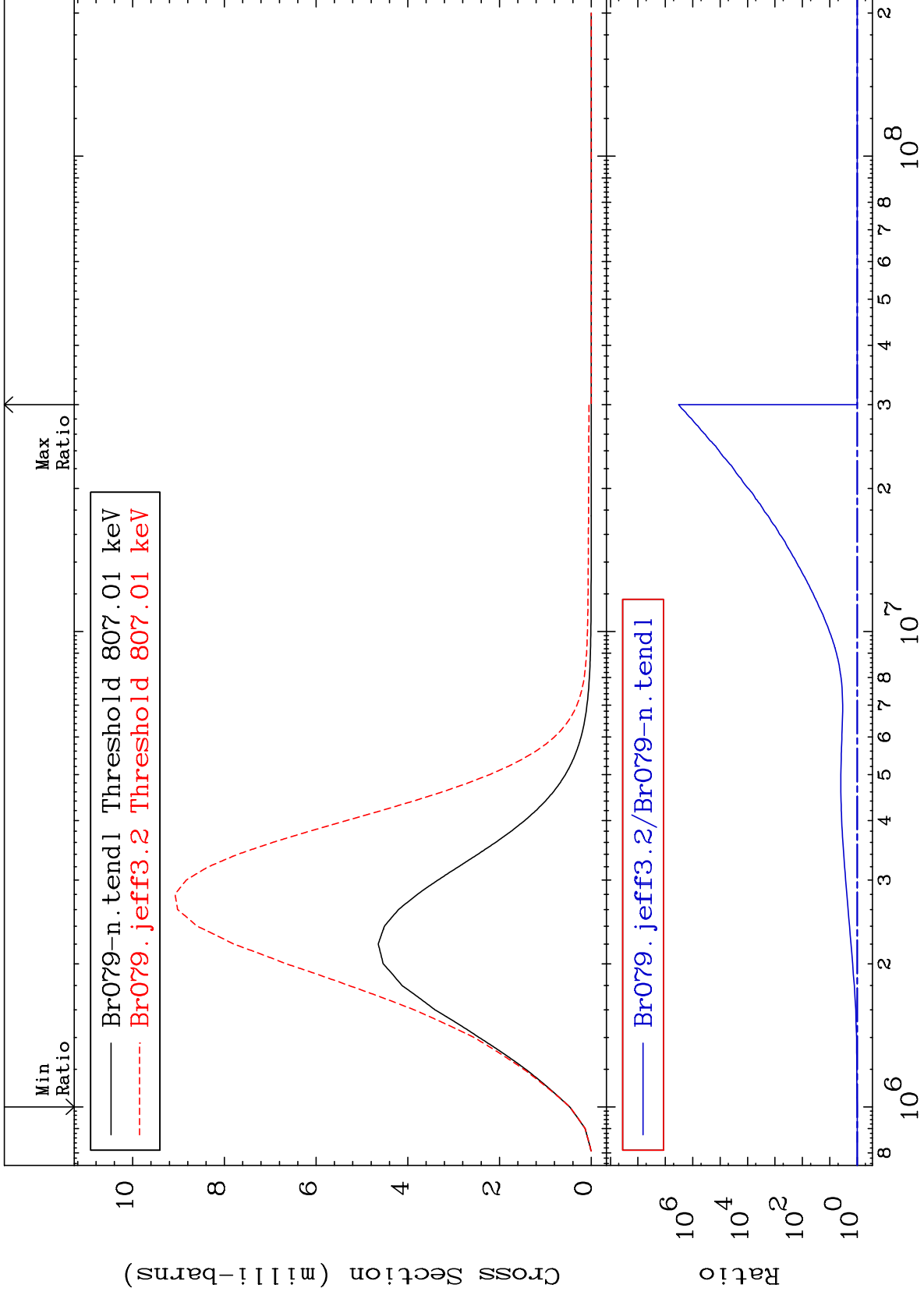
Incident Energy (eV)

35-Br-79

MAT 3525

796.8 keV (n,n') Level
Cross Section

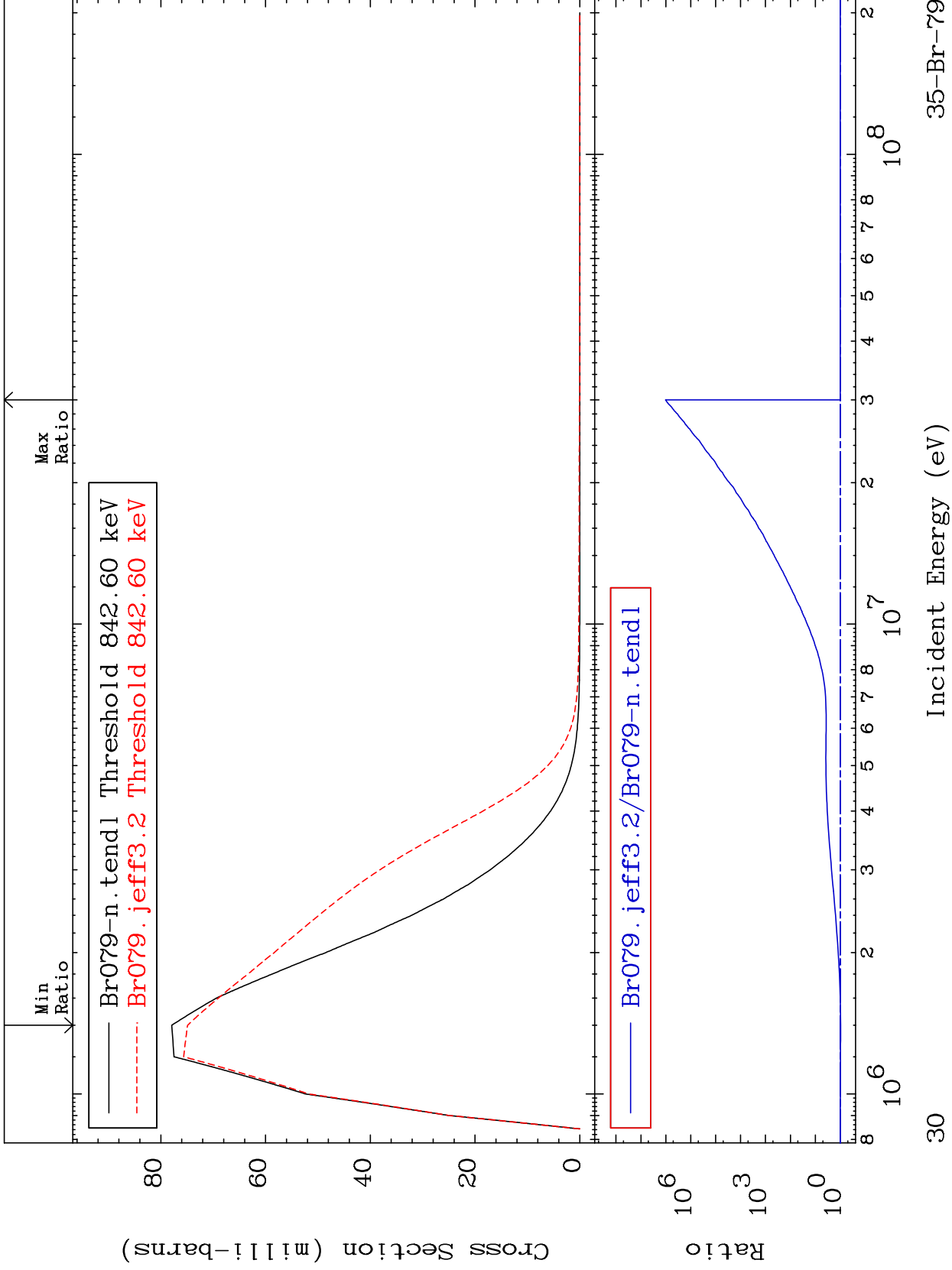
35-Br-79
-0.629 To 9999. %



MAT 3525

832.0 keV (n,n') Level
Cross Section

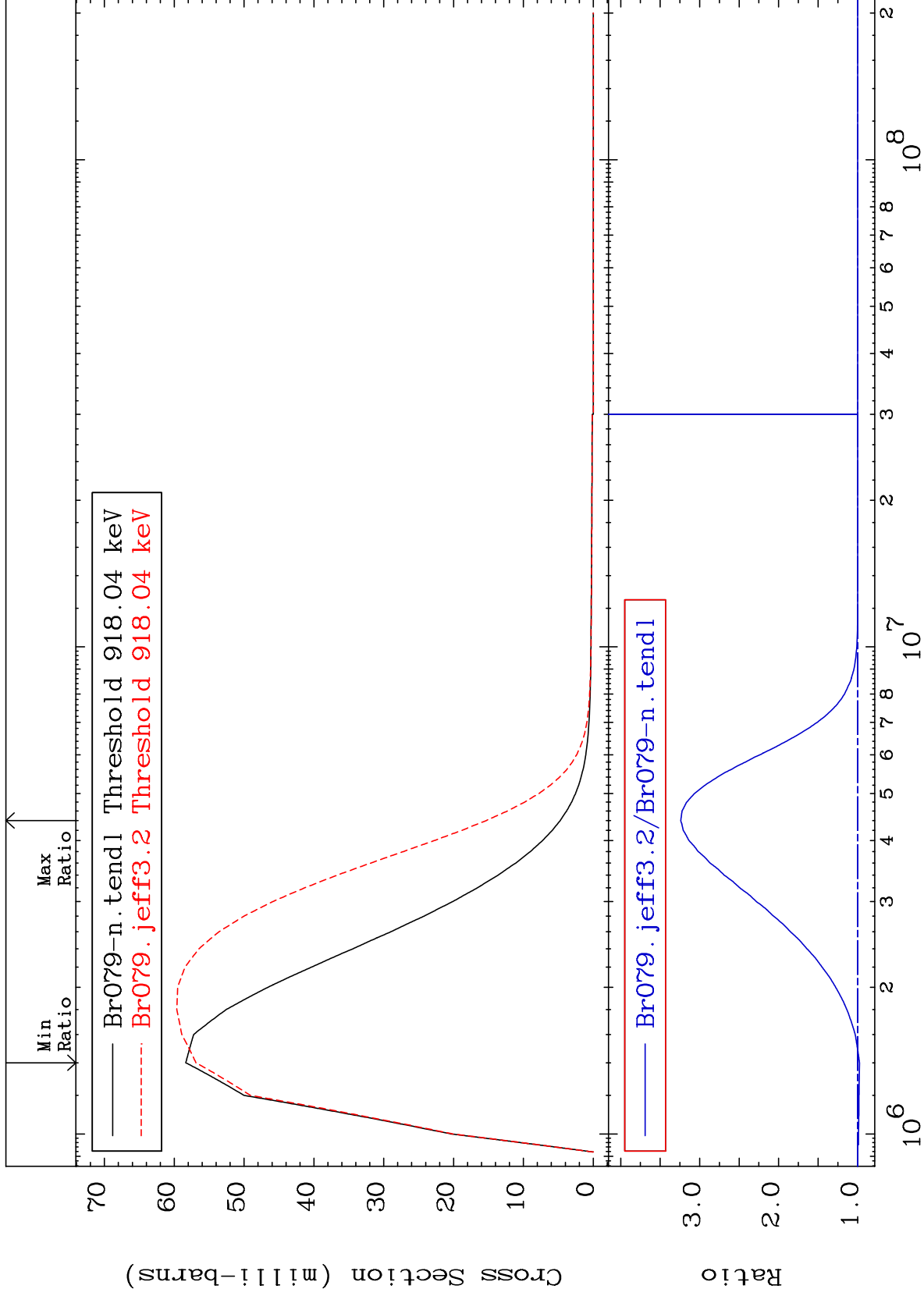
35-Br-79
-3.893 To 9999. %



30

Incident Energy (eV)

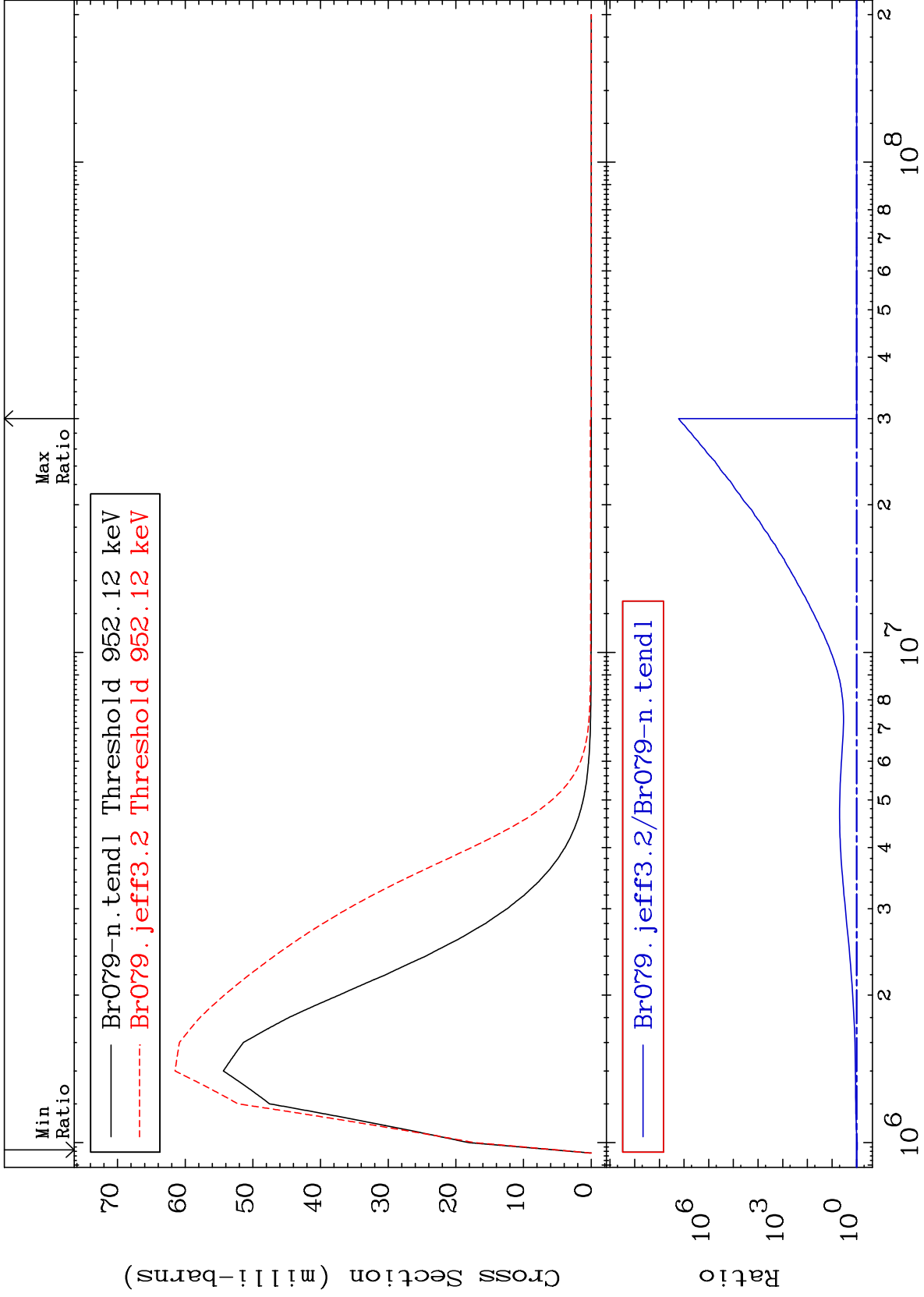
35-Br-79



MAT 3525

940.1 keV (n,n') Level
Cross Section

35-Br-79
-4.837 To 9999. %



32

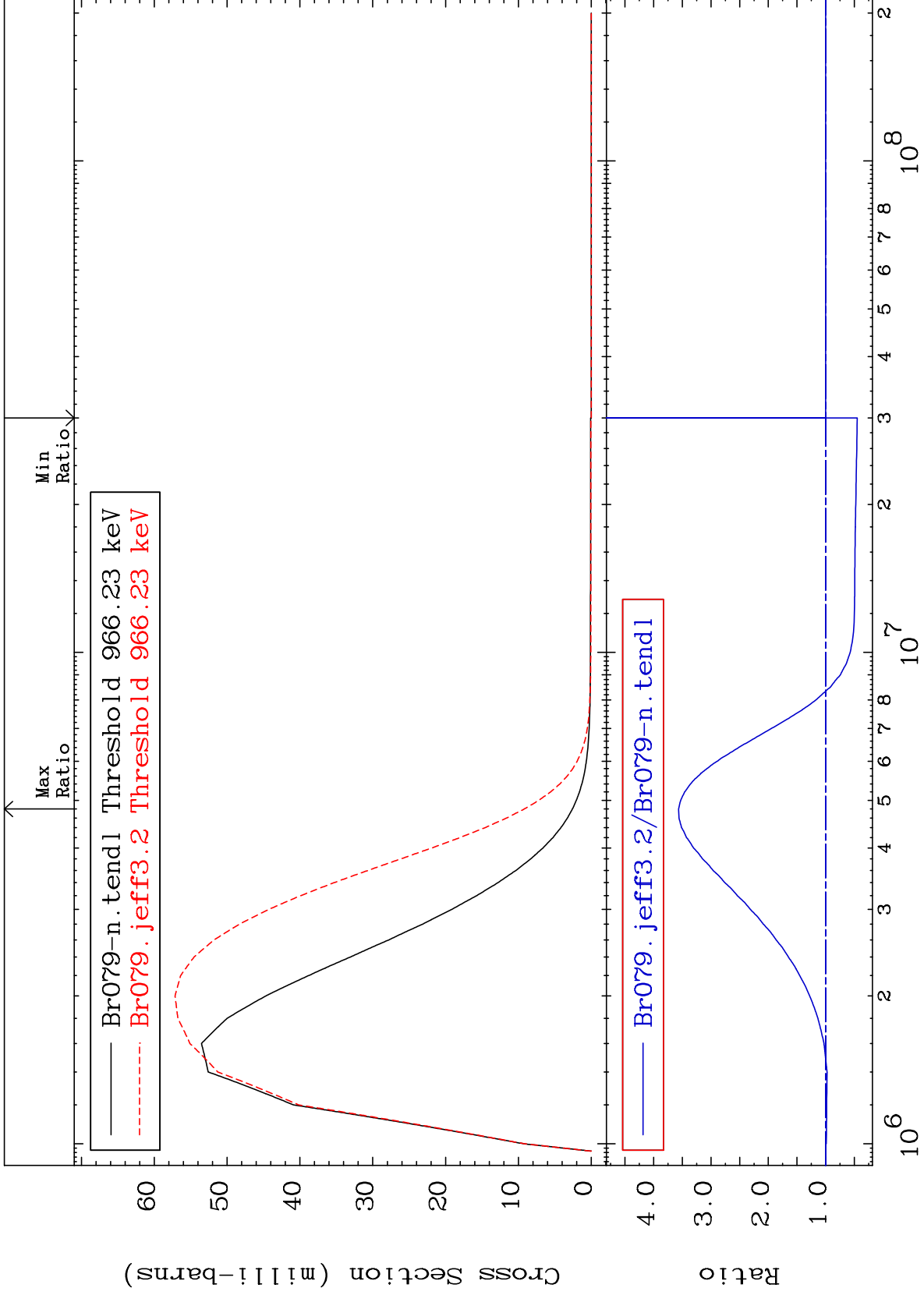
Incident Energy (eV)

35-Br-79

MAT 3525

954.0 keV (n,n') Level
Cross Section

35-Br-79
-55.11 To 256.4 %



33

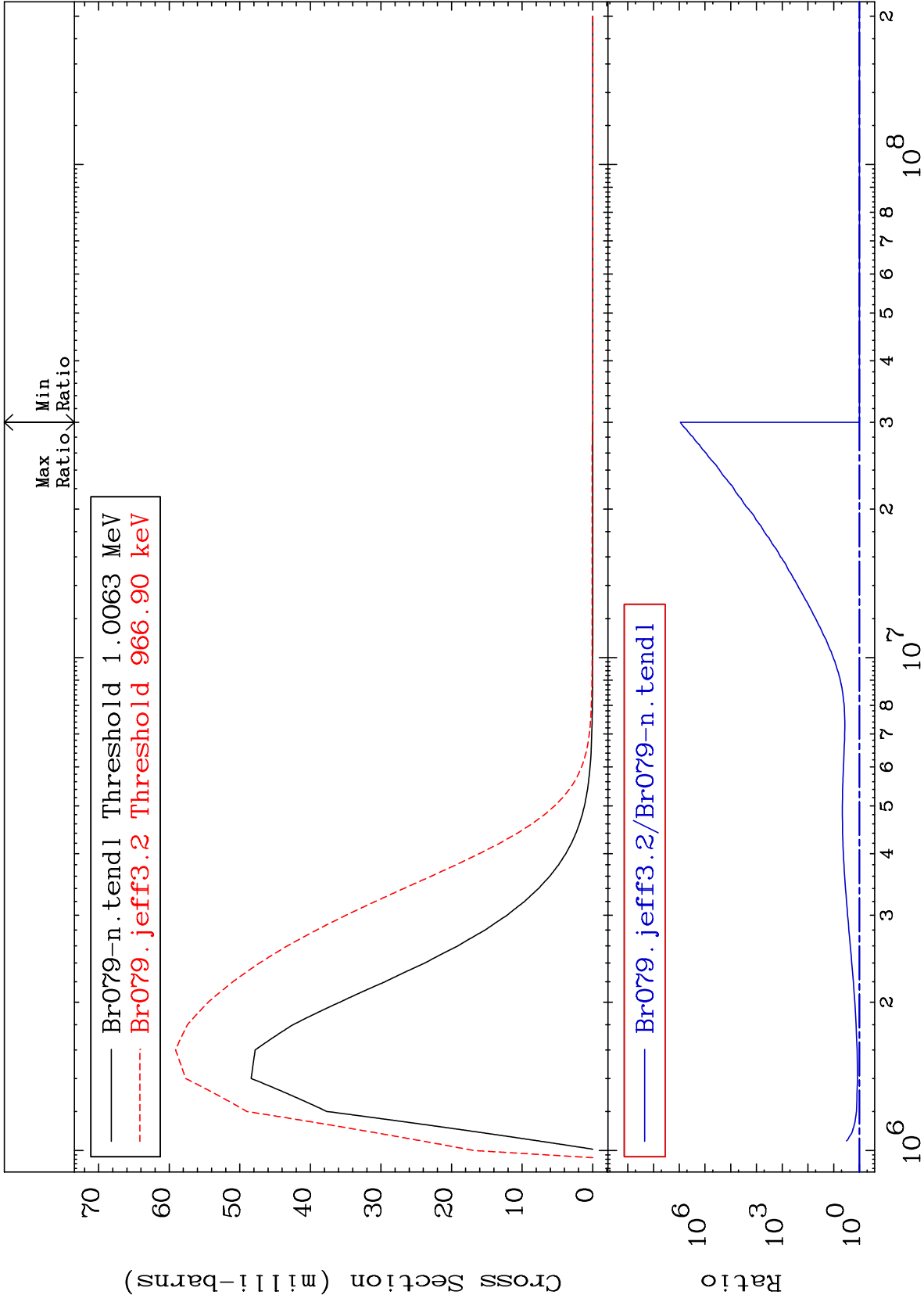
Incident Energy (eV)

35-Br-79

MAT 3525

993.6 keV (n,n') Level
Cross Section

35-Br-79
0.000 To 9999. %

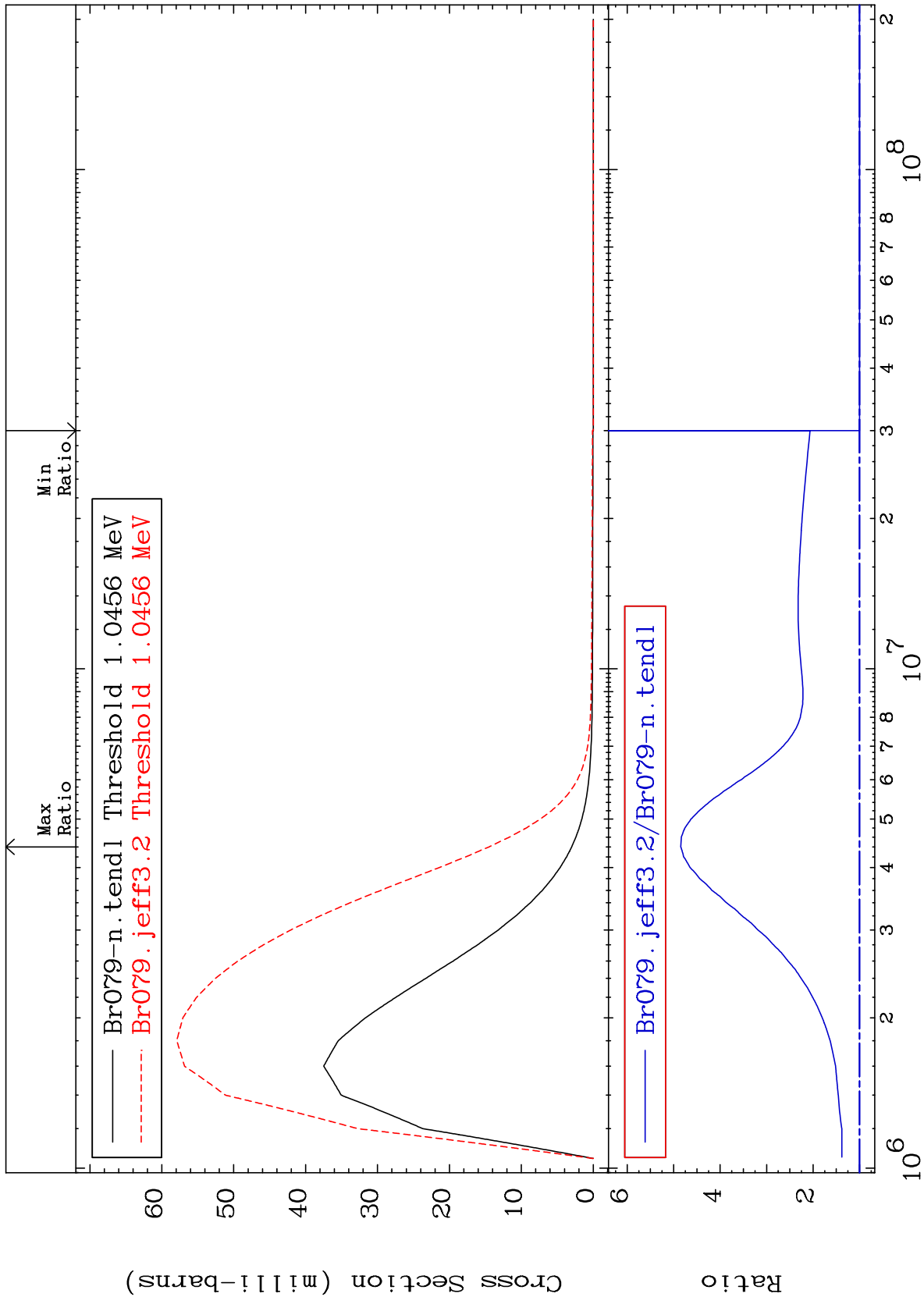


34

Incident Energy (eV)

35-Br-79

MAT 3525 35-Br-79
 1.032 MeV (n,n') Level 0.000 To 384.7 %
 Cross Section



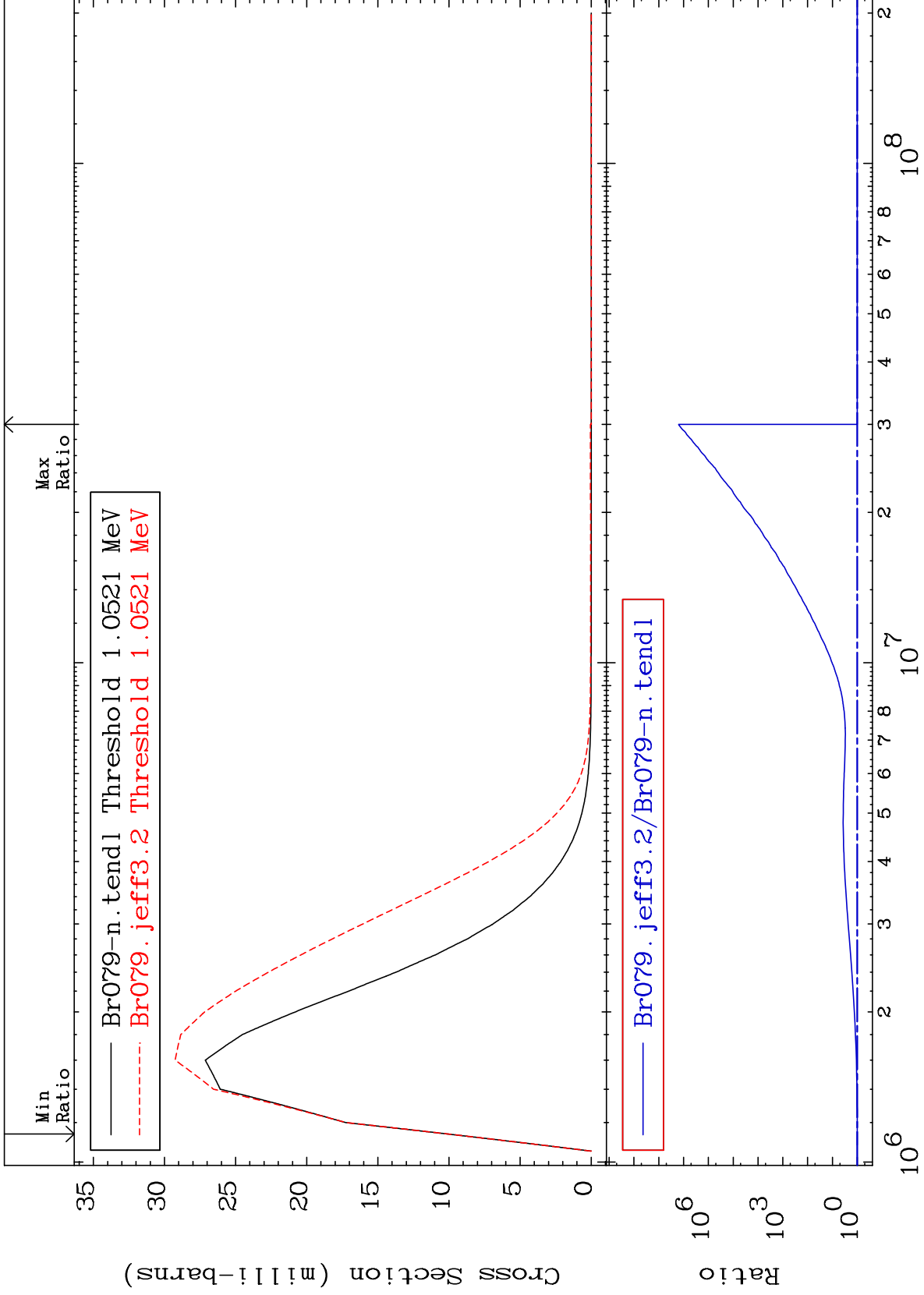
Incident Energy (eV)

35 35-Br-79

MAT 3525

1.039 MeV (n,n') Level
Cross Section

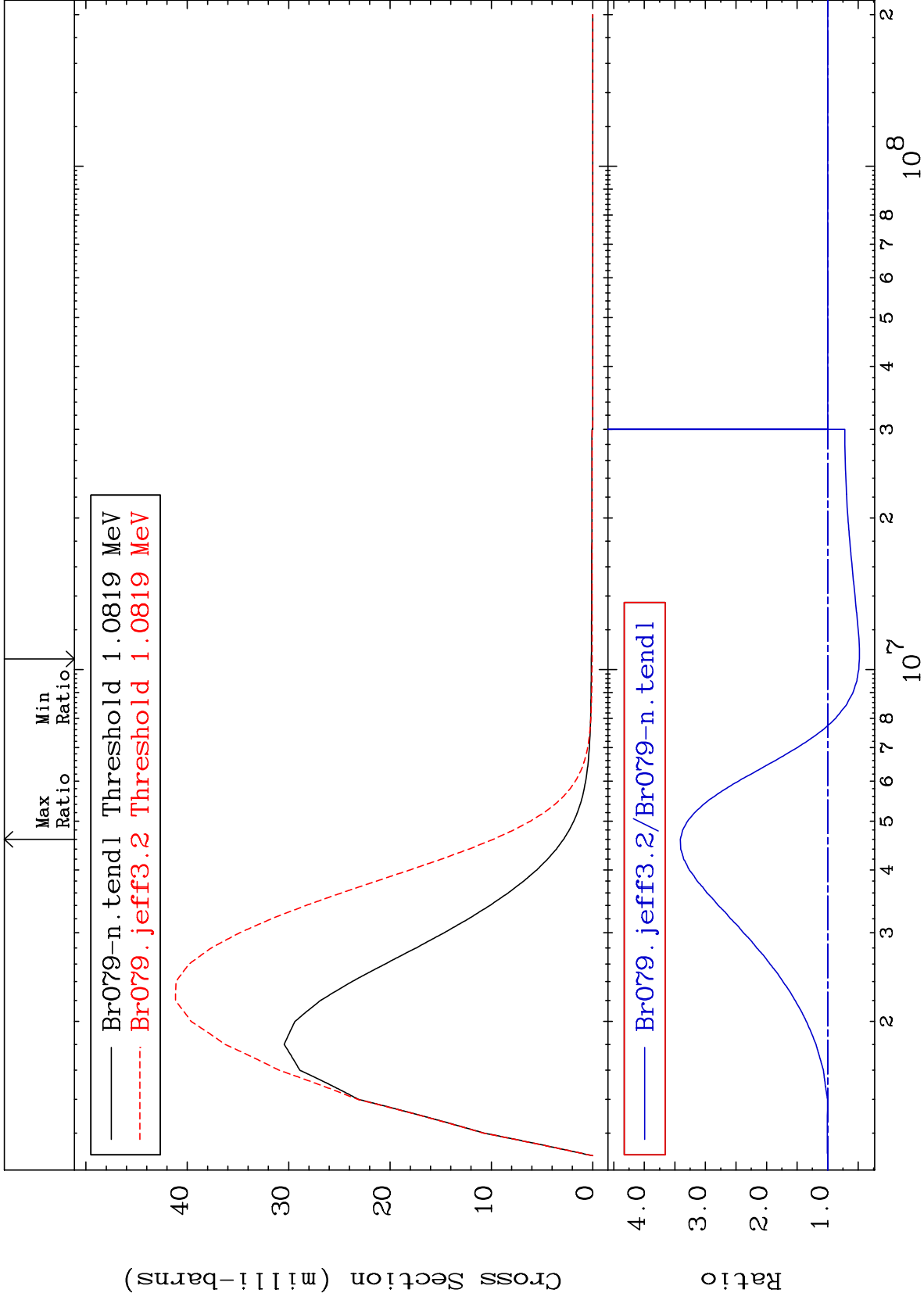
35-Br-79
-0.259 To 9999. %



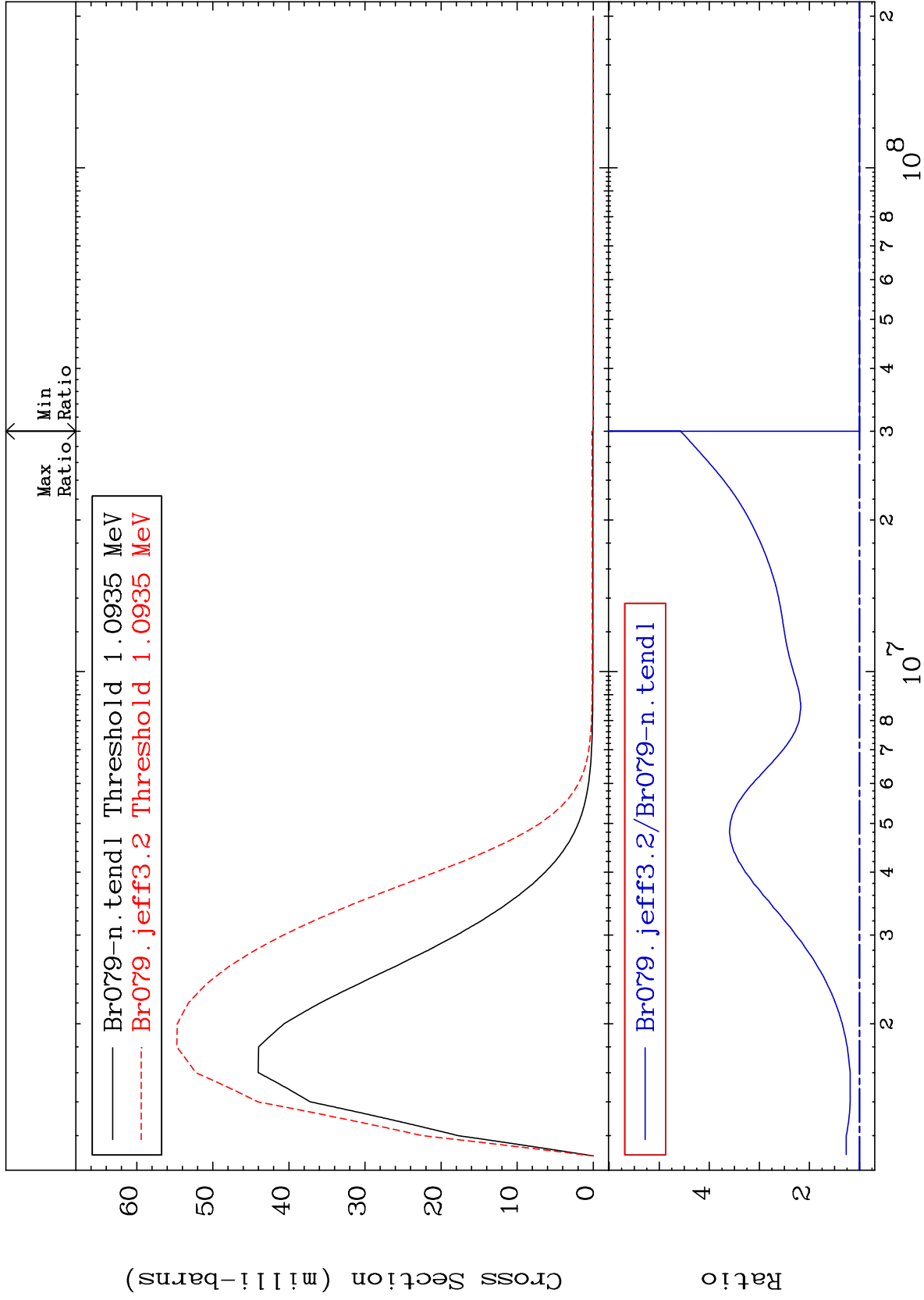
36

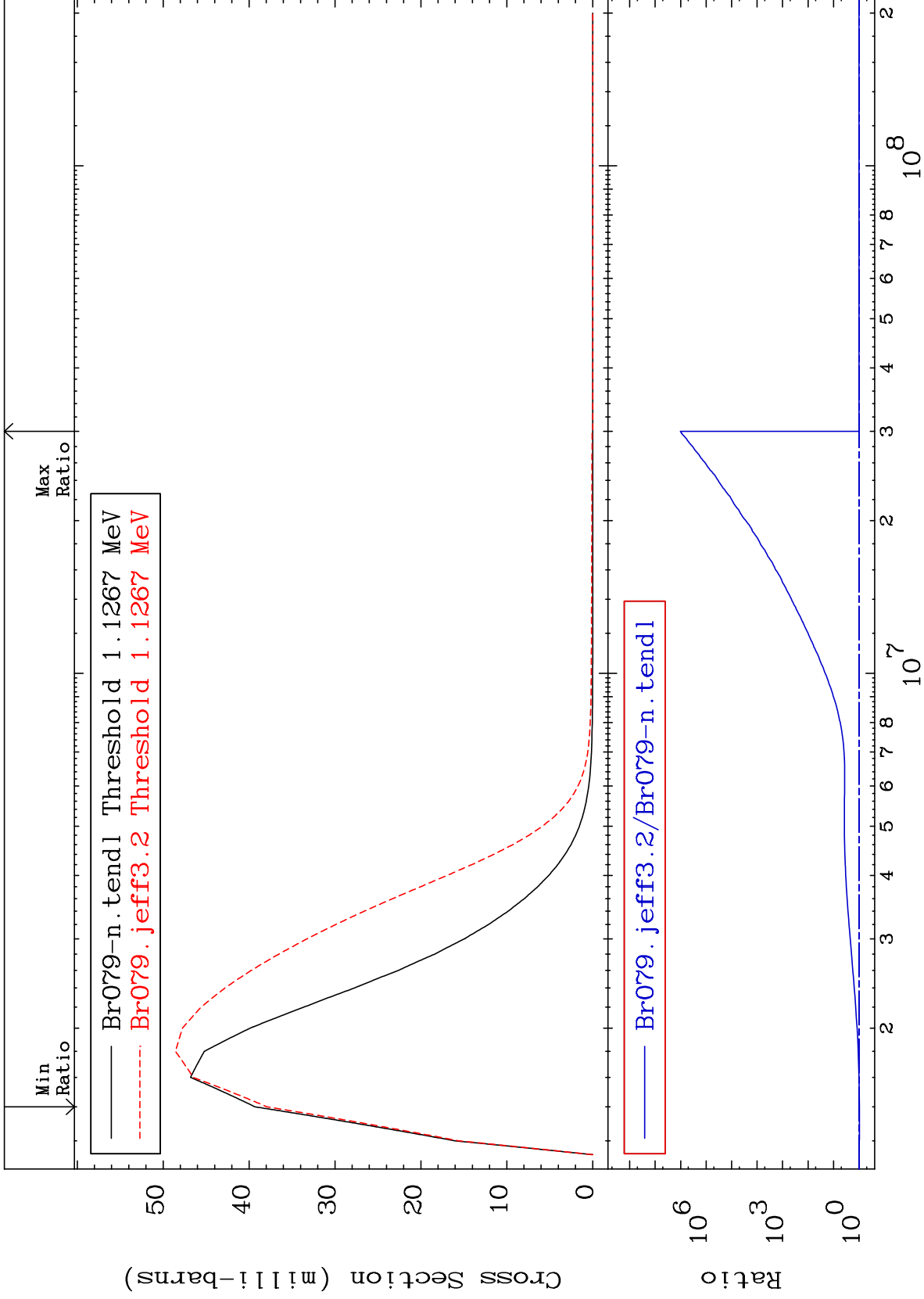
Incident Energy (eV)

35-Br-79



MAT 3525 1.080 MeV (n,n') Level Cross Section 35-Br-79 To 357.0 %

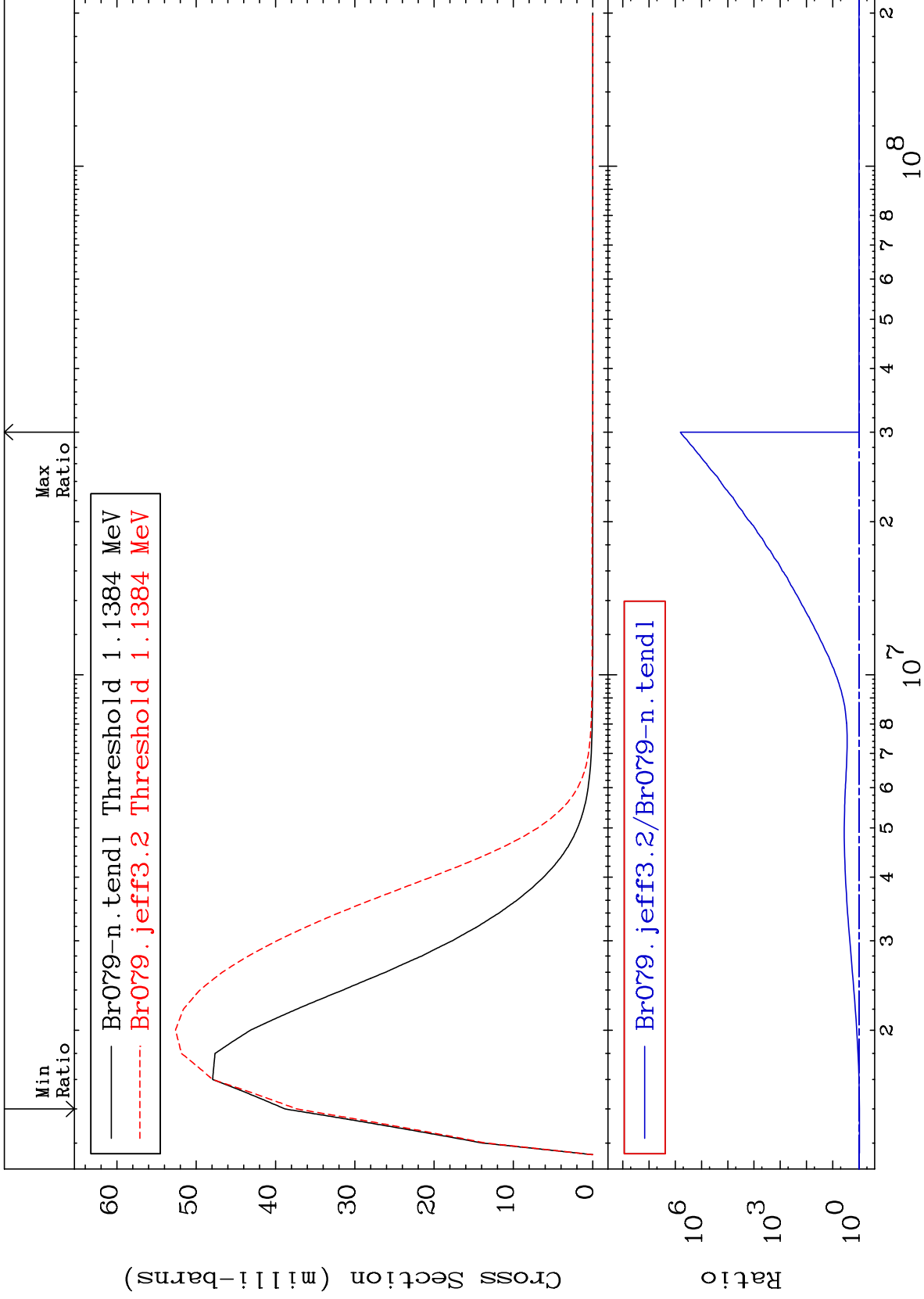




MAT 3525

1.124 MeV (n,n') Level
Cross Section

35-Br-79
-3.815 To 9999. %



40

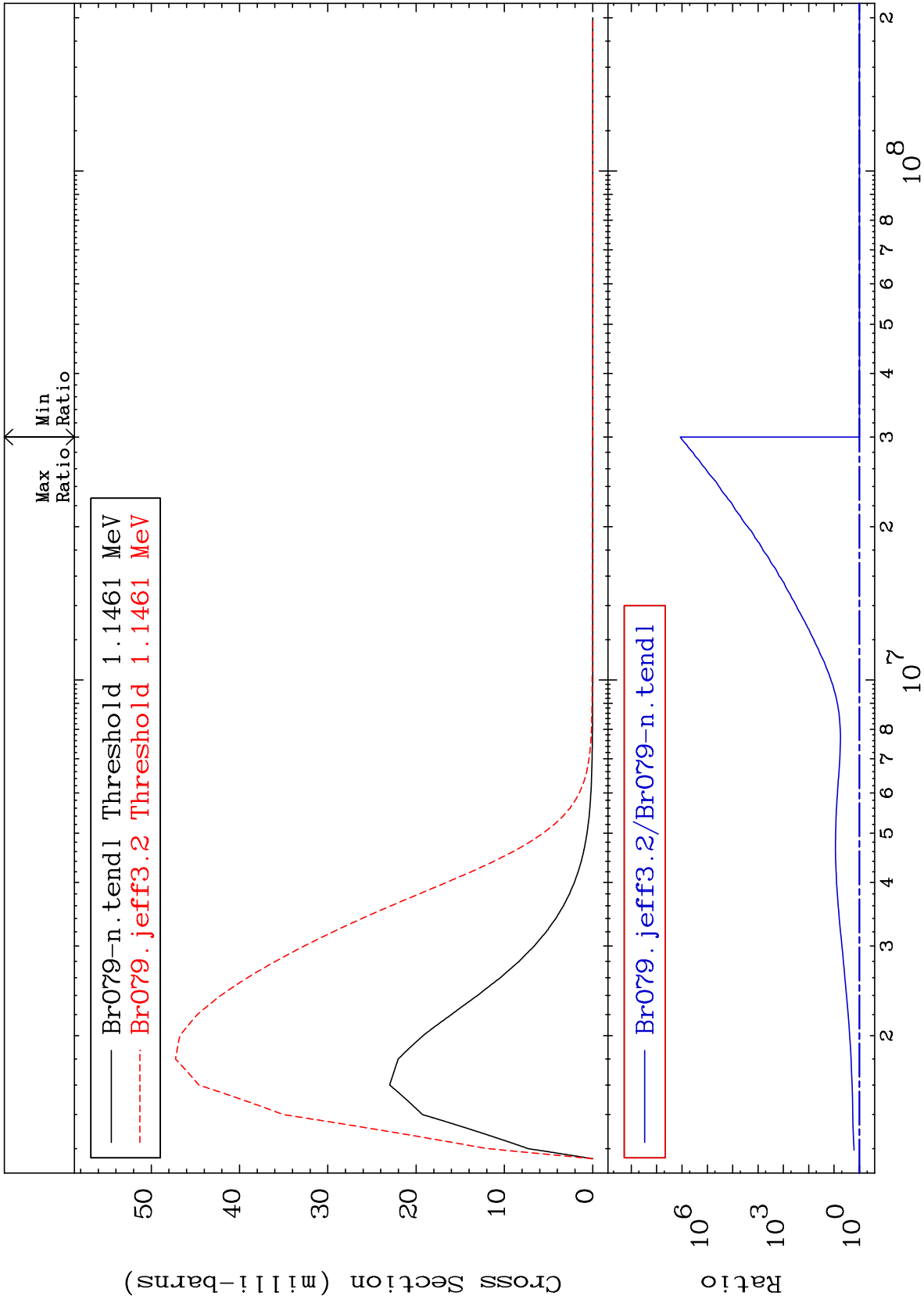
Incident Energy (eV)

35-Br-79

MAT 3525

1.132 MeV (n,n') Level
Cross Section

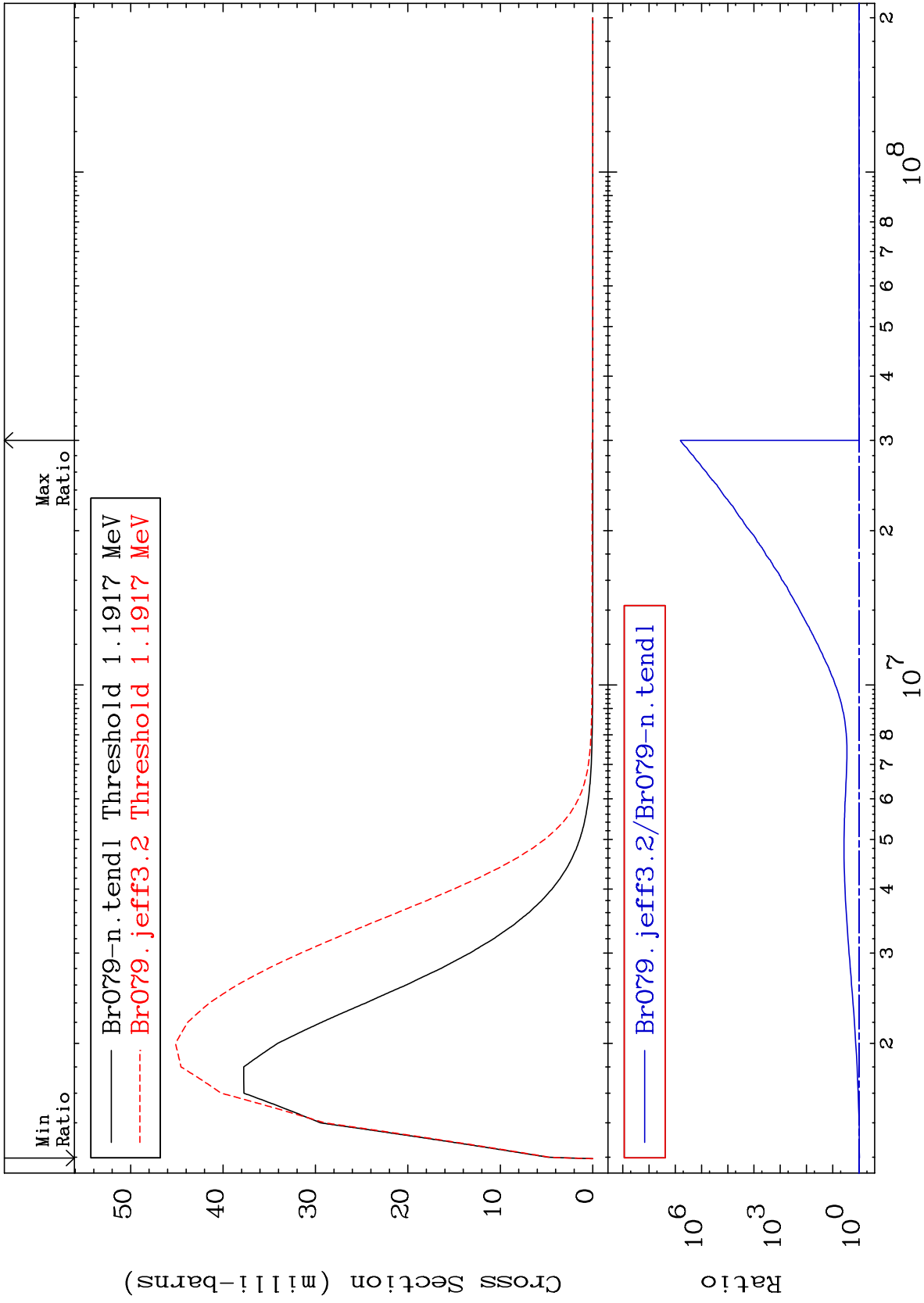
35-Br-79
0.000 To 9999. %



MAT 3525

1.177 MeV (n,n') Level
Cross Section

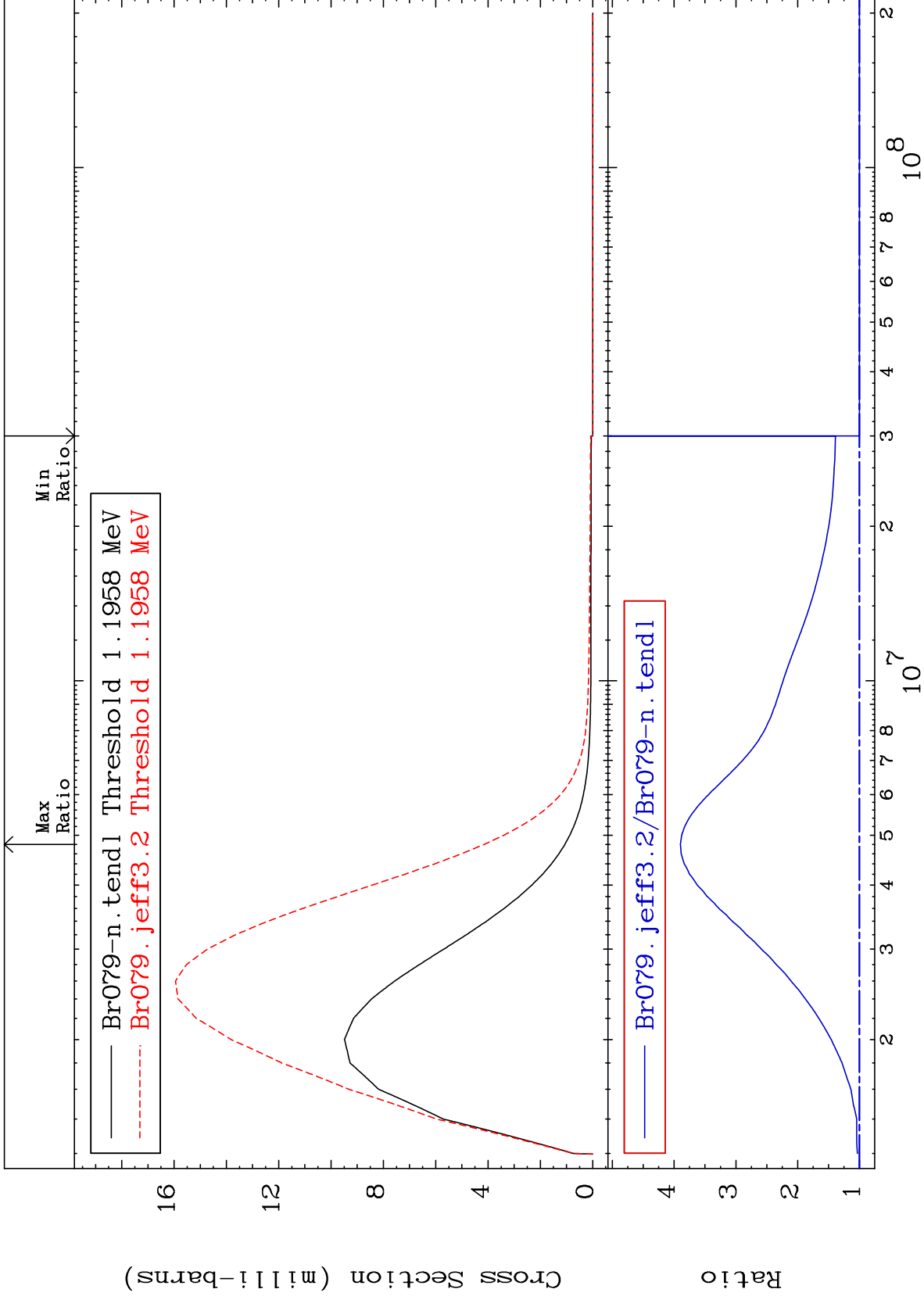
35-Br-79
-4.161 To 9999. %

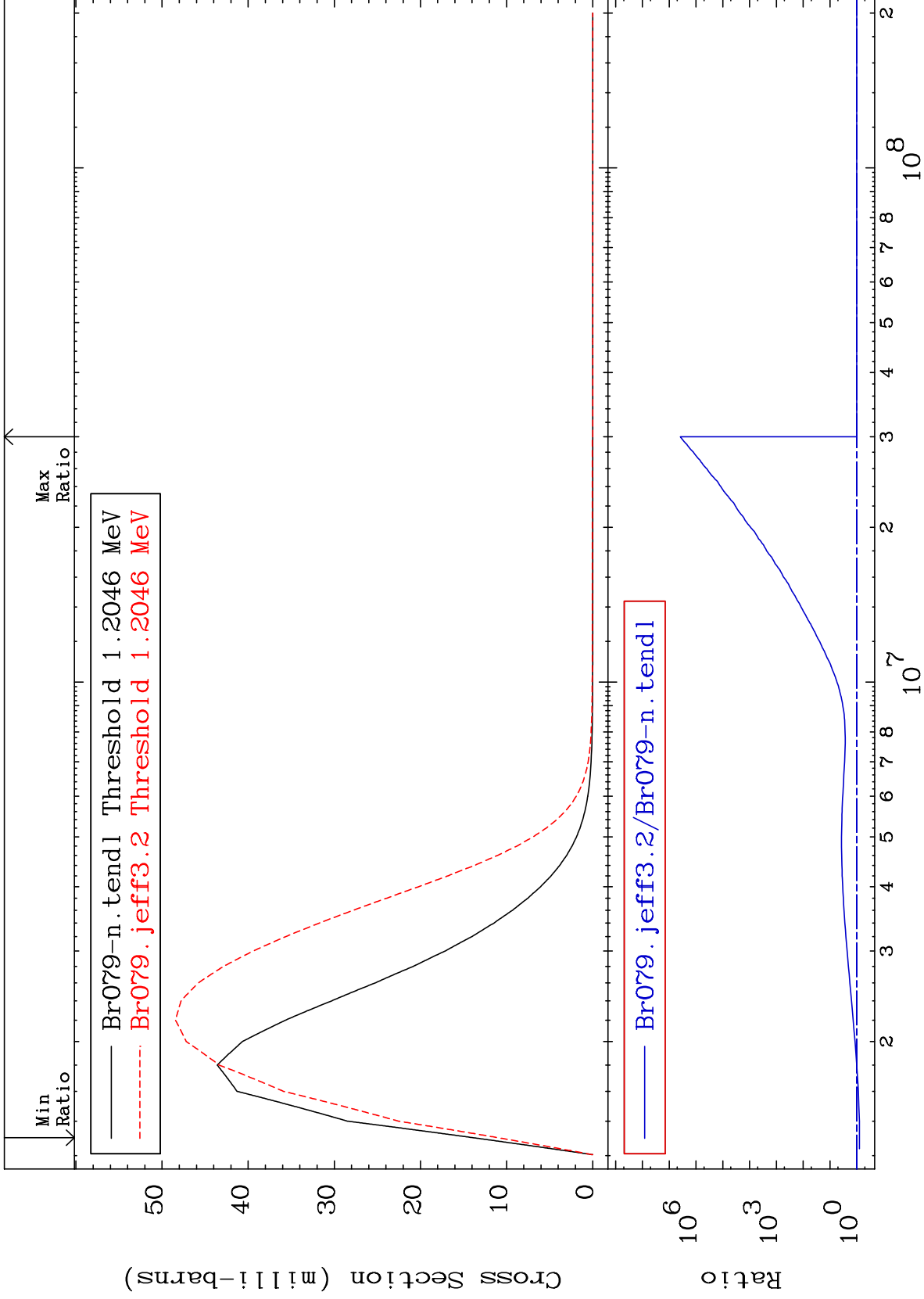


MAT 3525

1.181 MeV (n,n') Level
Cross Section

35-Br-79
0.000 To 289.9 %

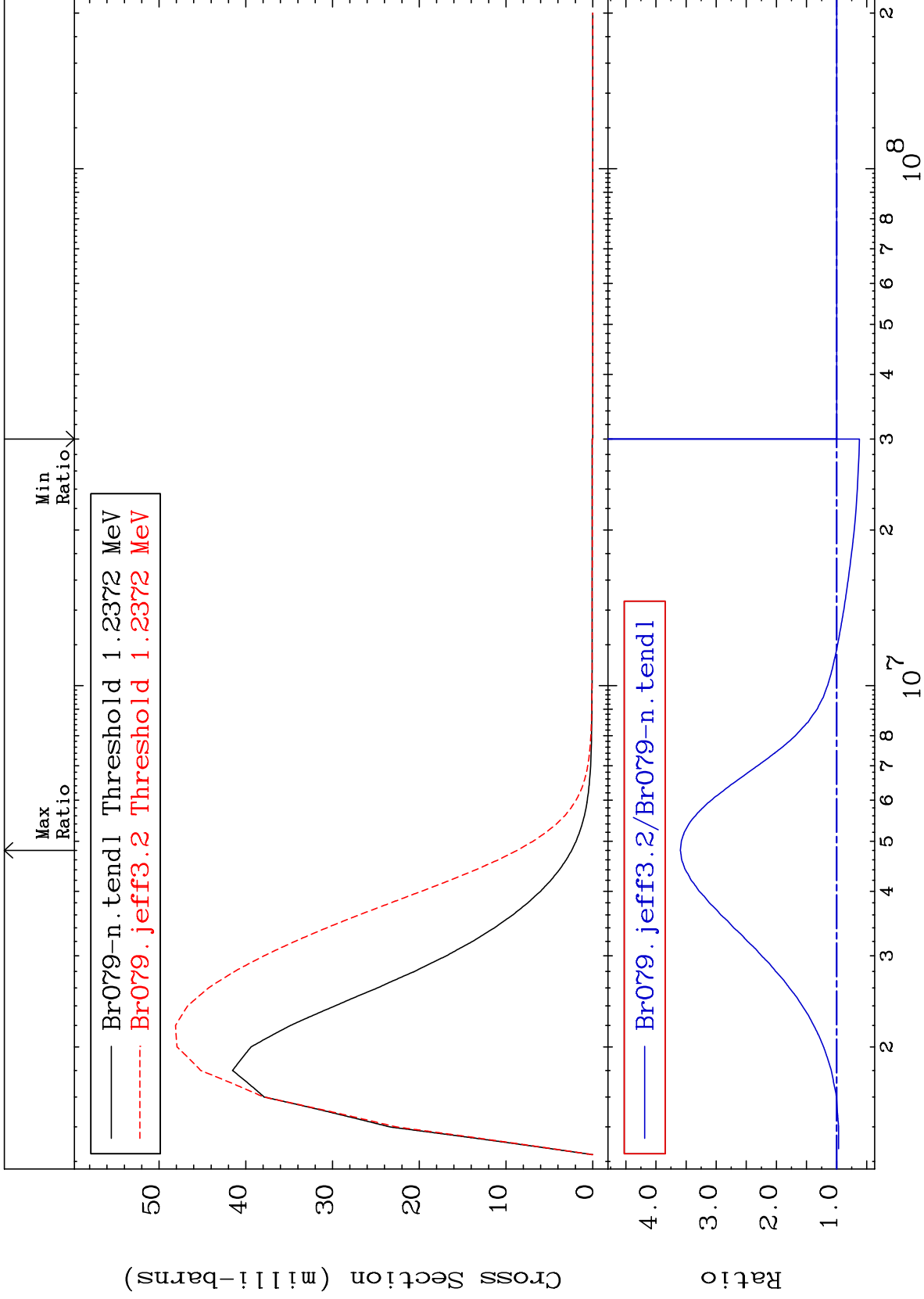


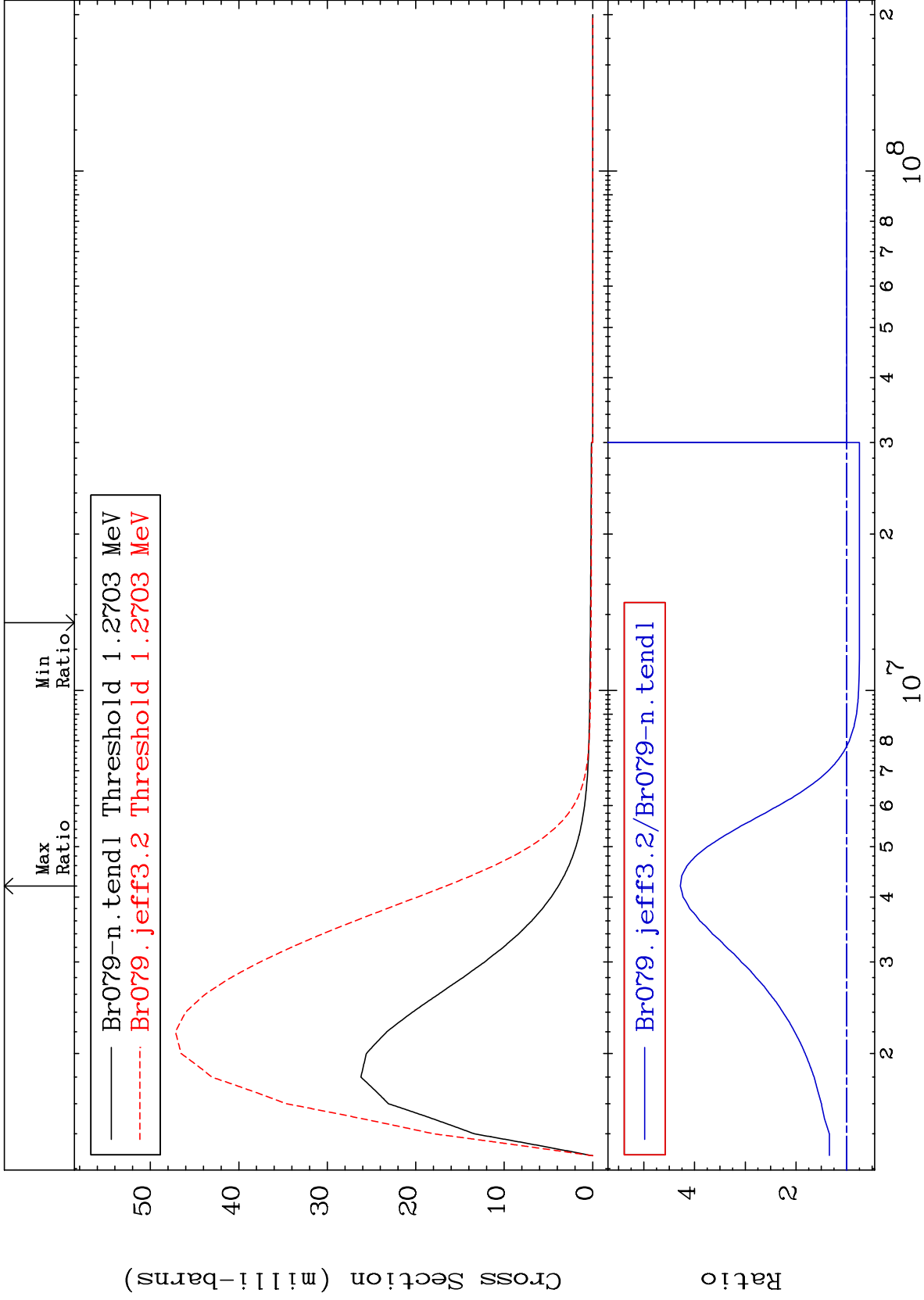


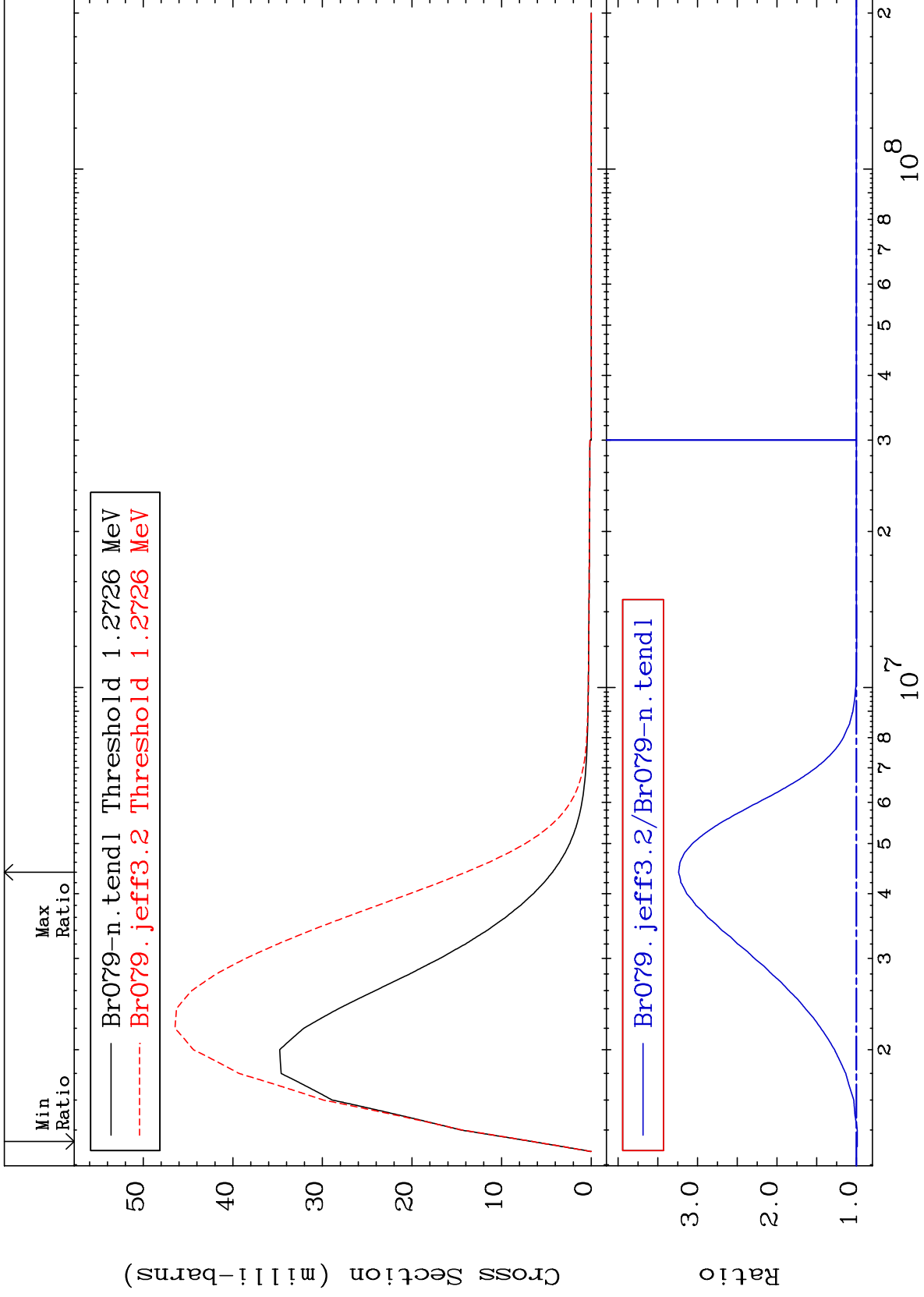
MAT 3525

1.222 MeV (n,n') Level
Cross Section

35-Br-79
-37.82 To 259.5 %



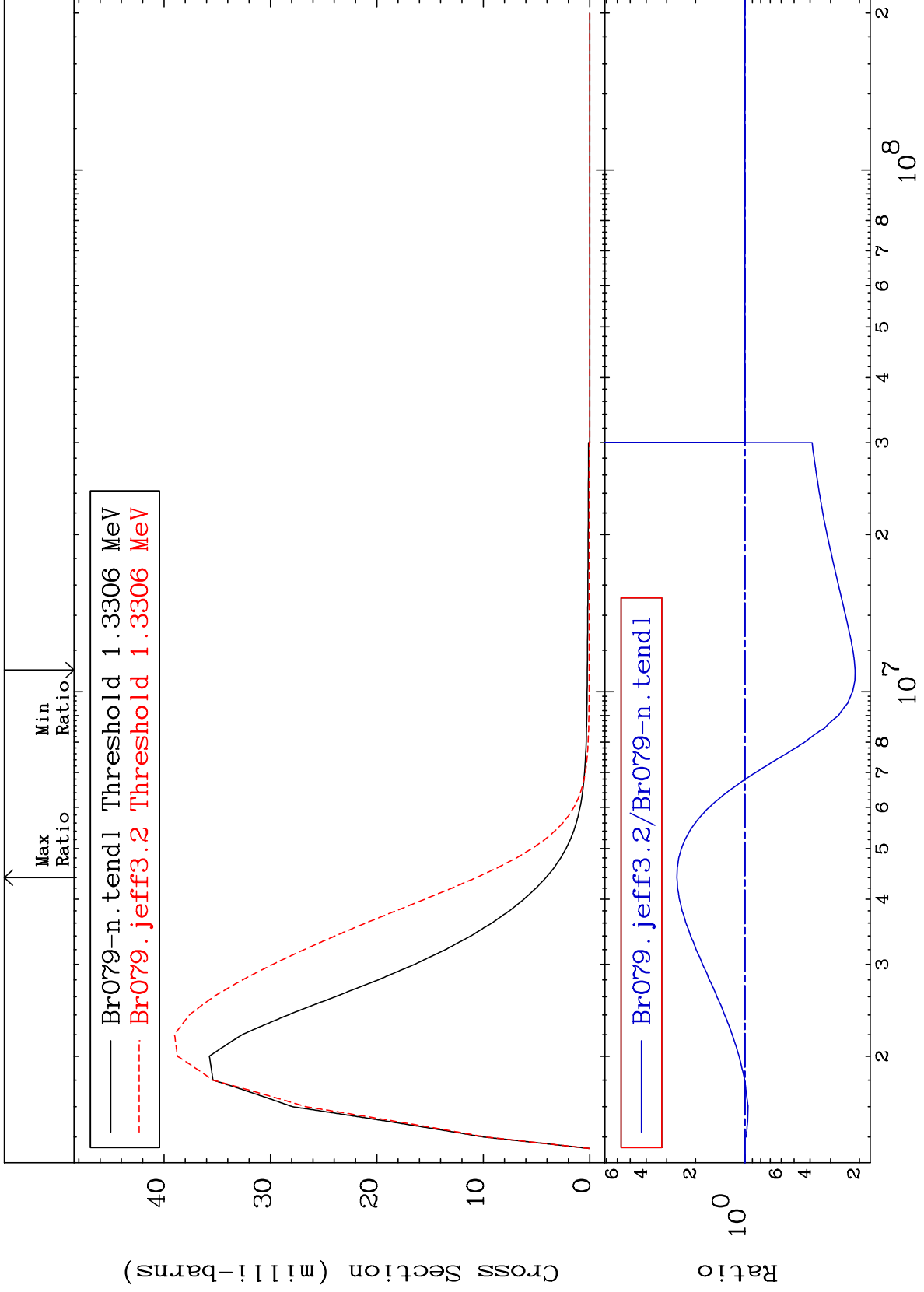


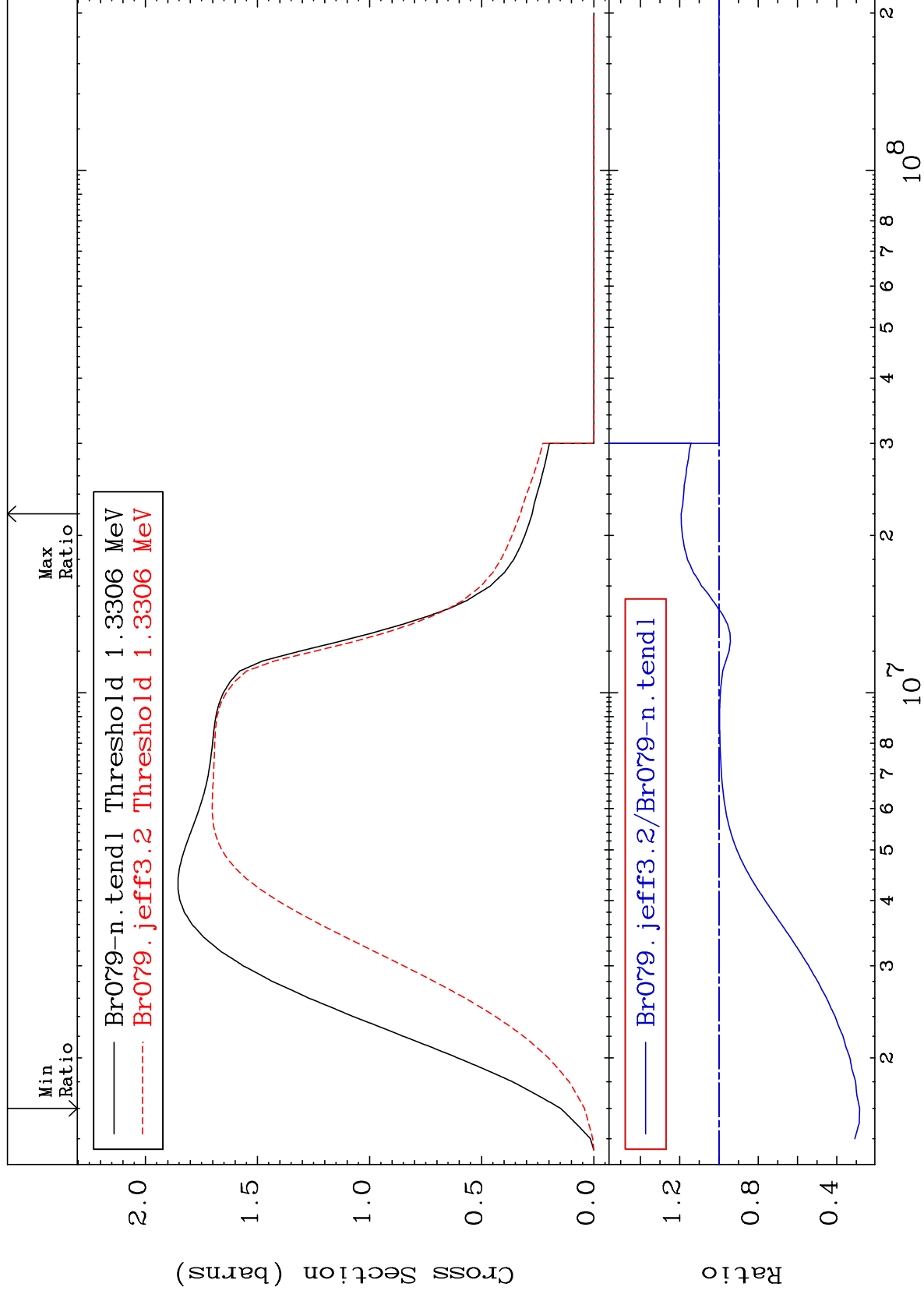


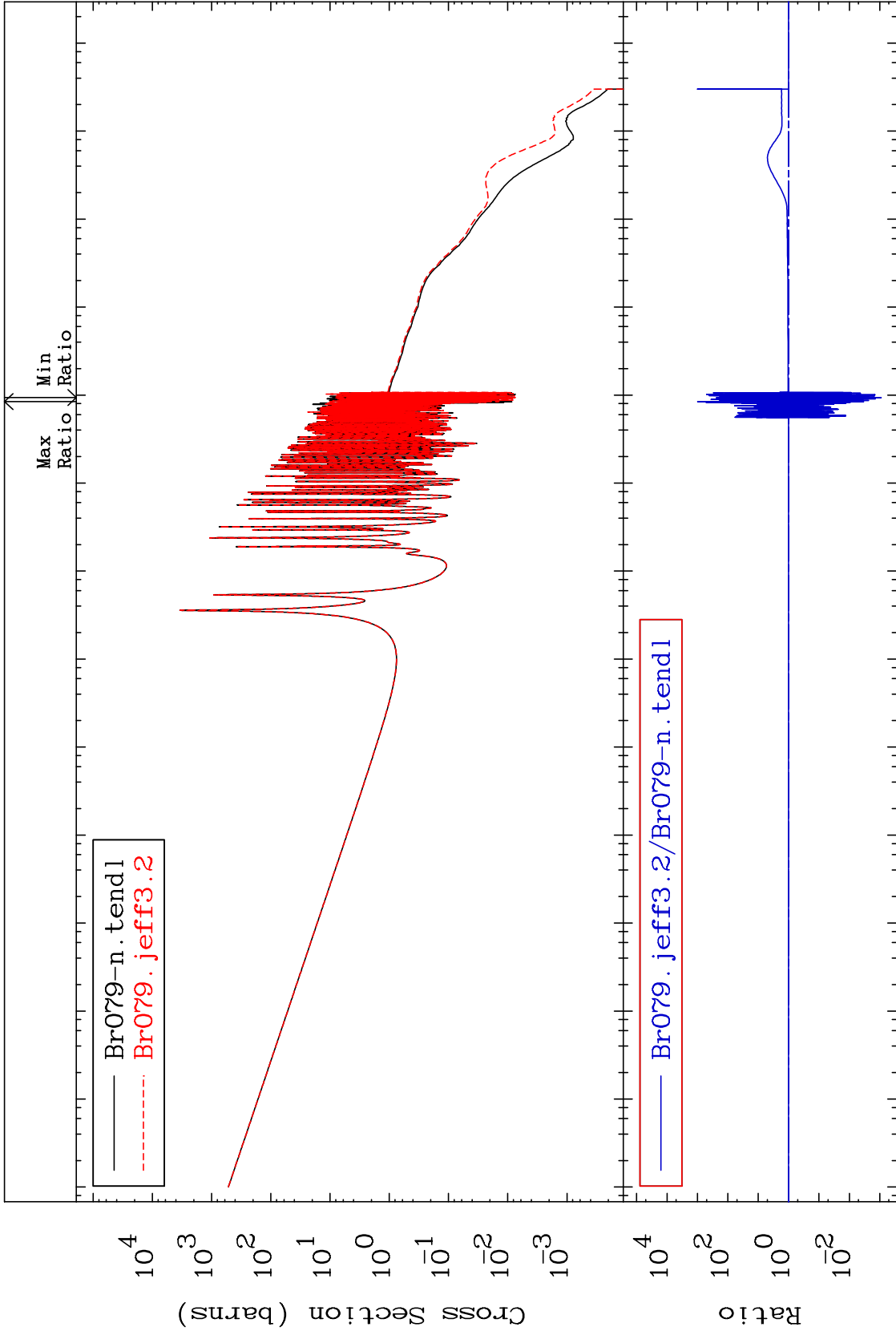
MAT 3525

1.314 MeV (n,n') Level
Cross Section

35-Br-79
-78.74 To 159.6 %



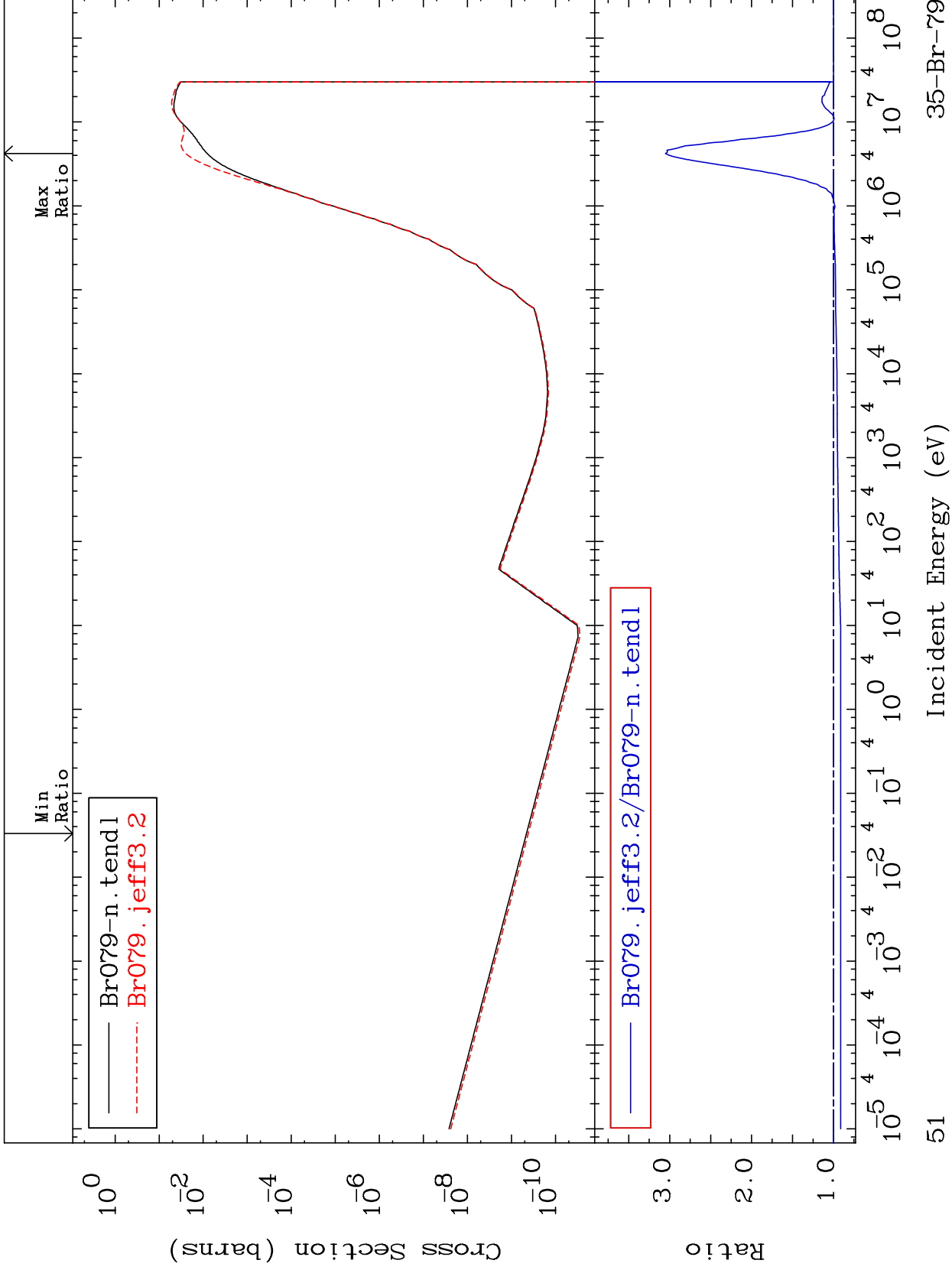




MAT 3525

(n,p)
Cross Section

35-Br-79
-8.731 To 205.1 %



MAT 3525

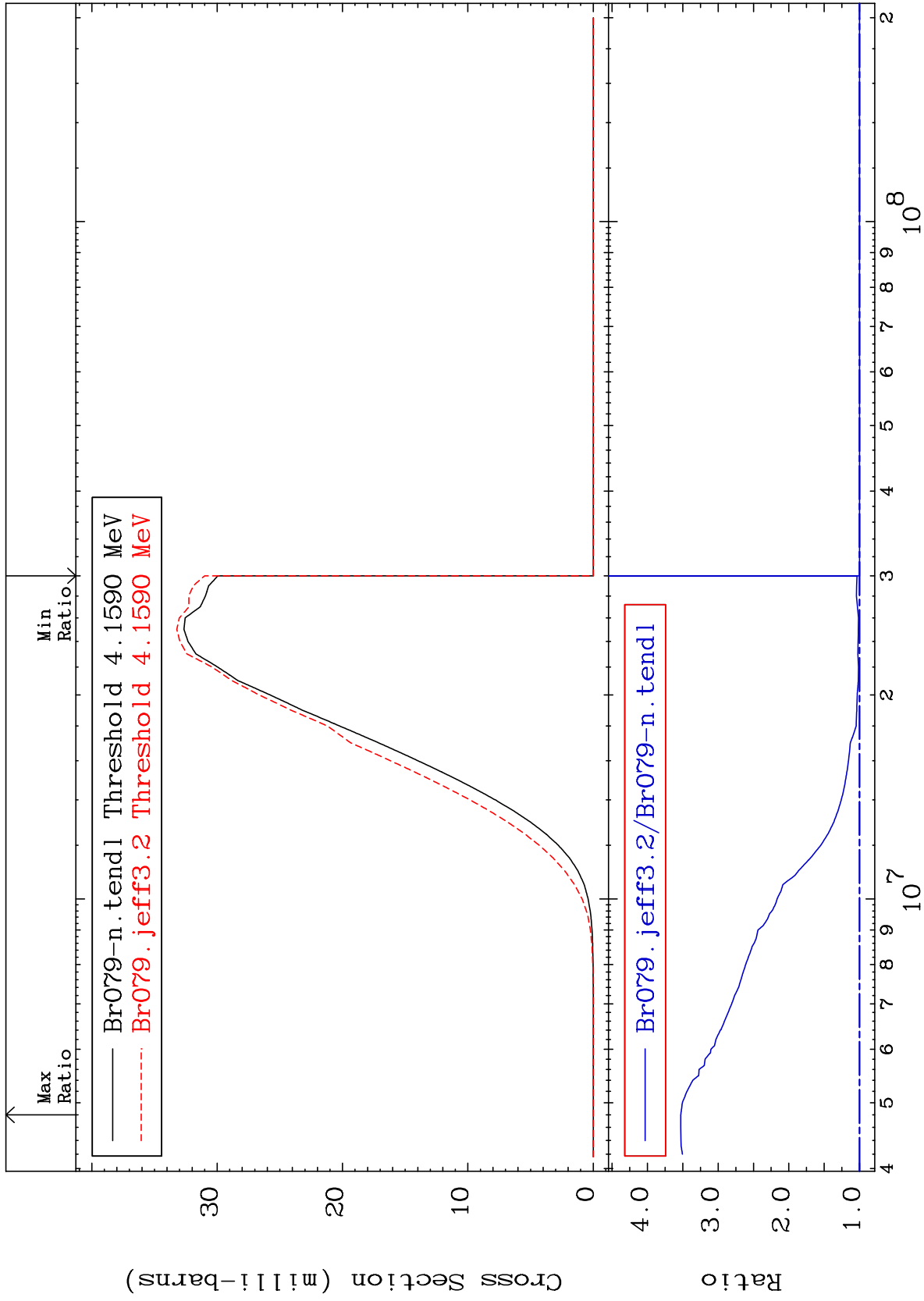
(n, d)

³⁵Br-79

Cross Section

0.000

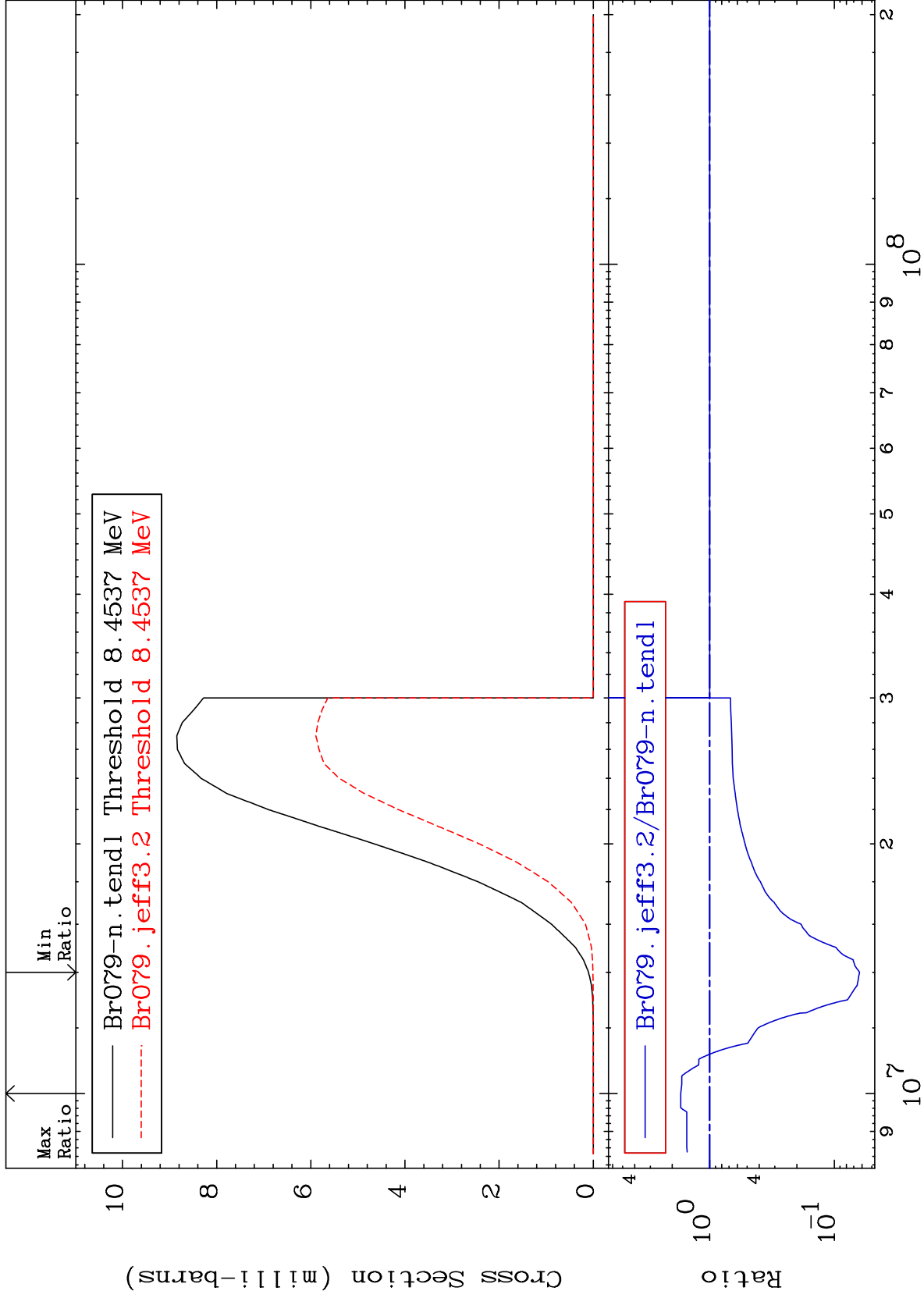
To 252.9 %



MAT 3525

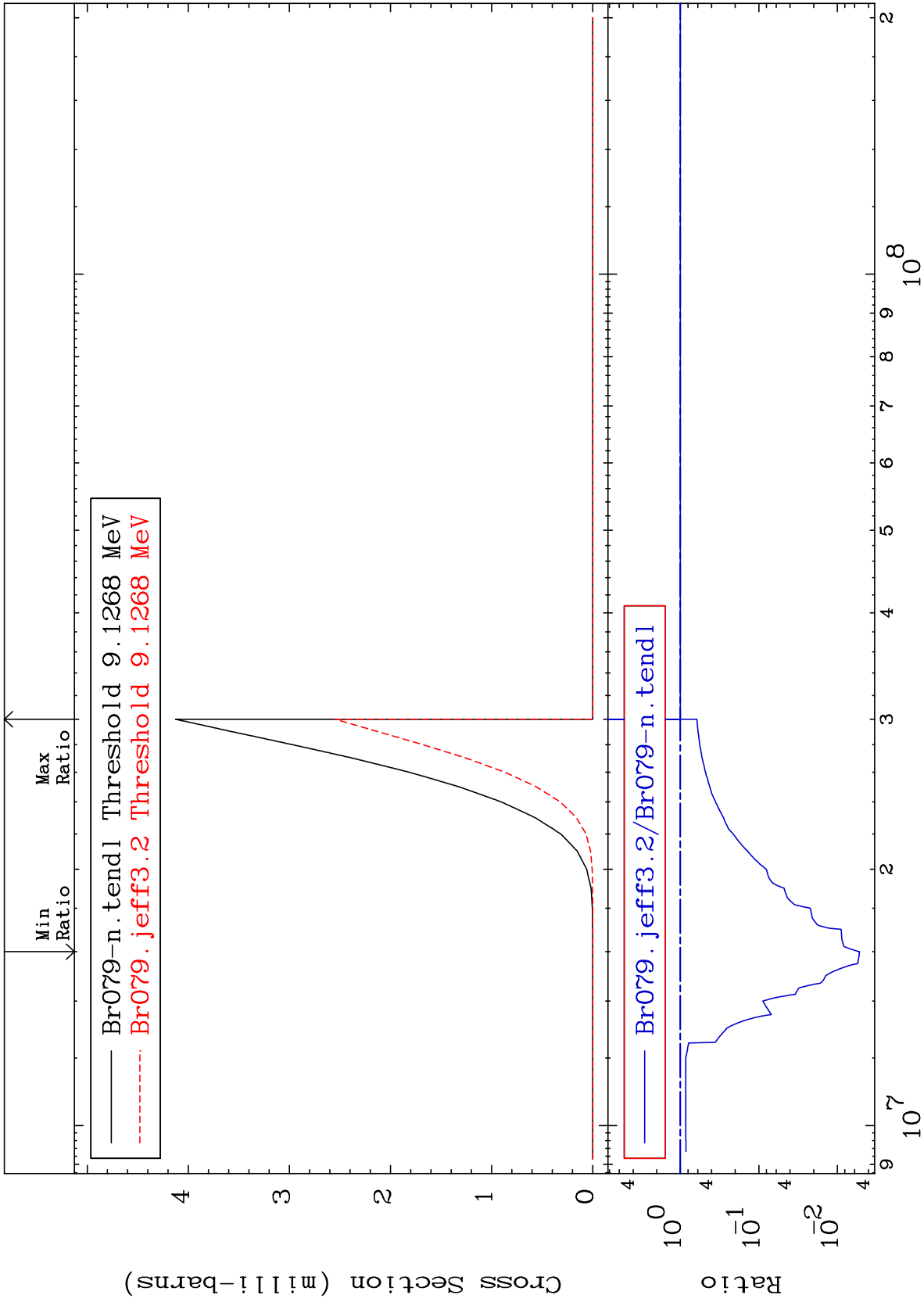
(n, t)
Cross Section

³⁵Br-79
-93.72 To 70.67 %



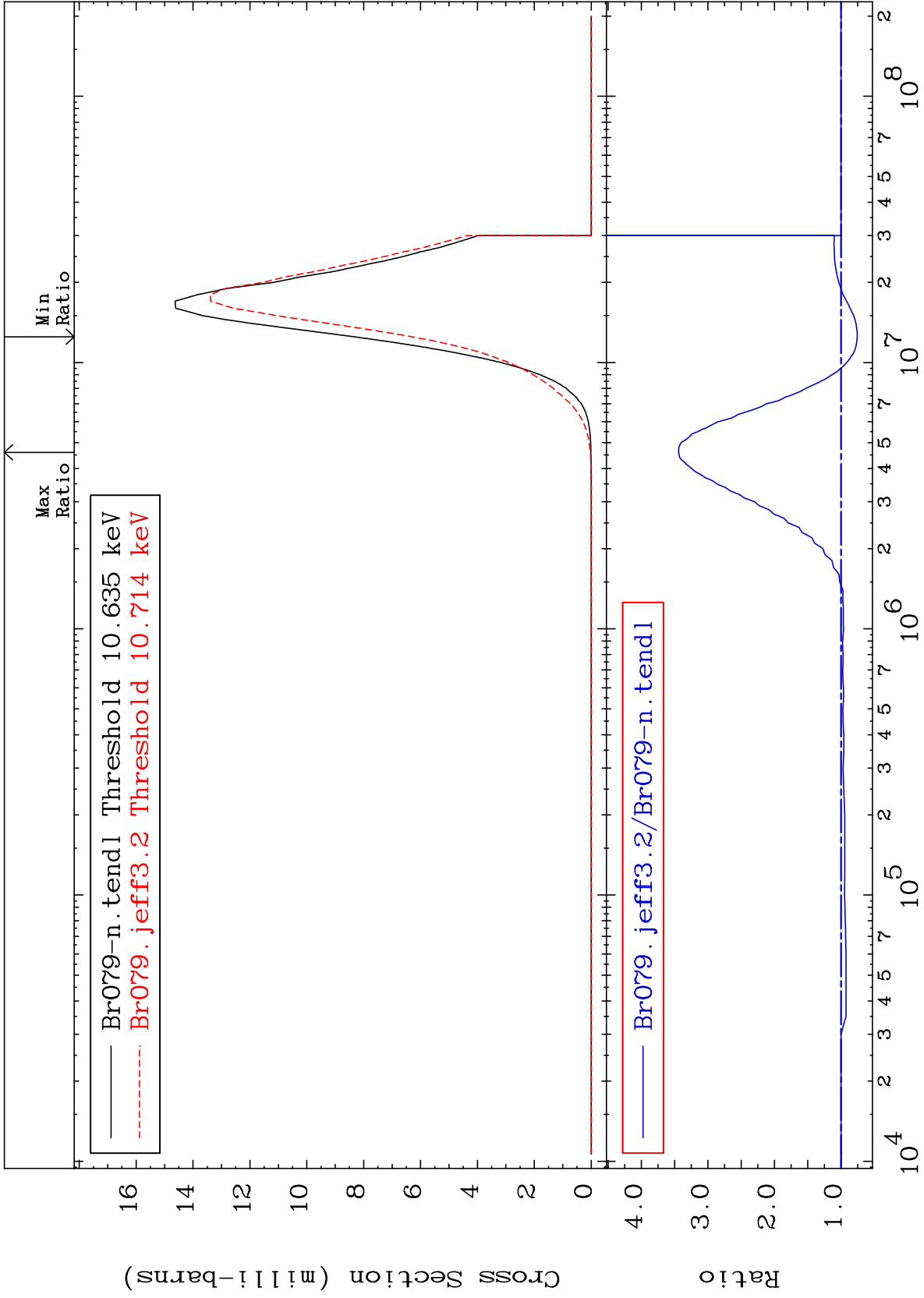
Cross Section

-99.48 To 0.000 %



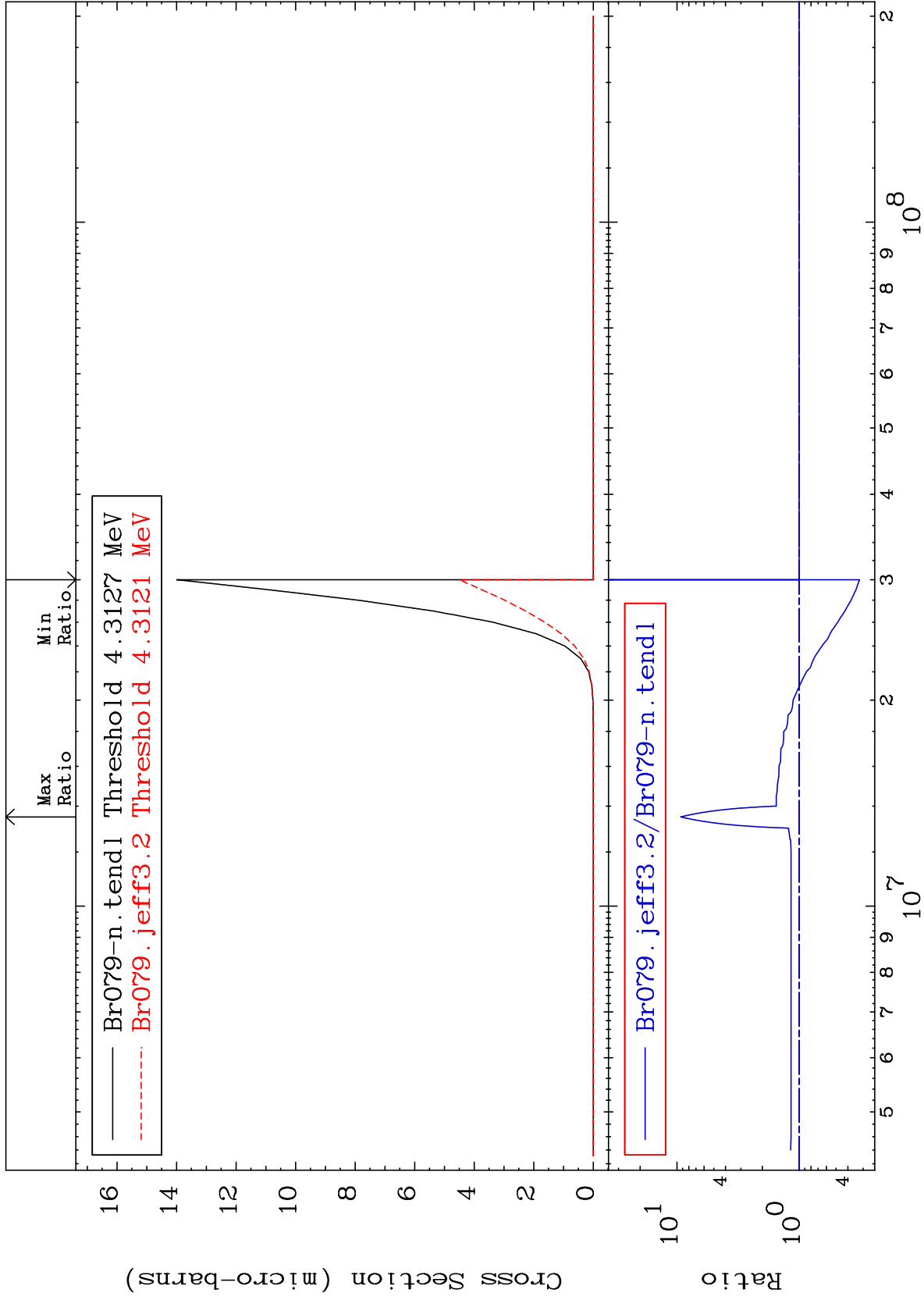
MAT 3525

(n, α)
Cross Section
35-Br-79
-24.48 To 244.1 %



Cross Section

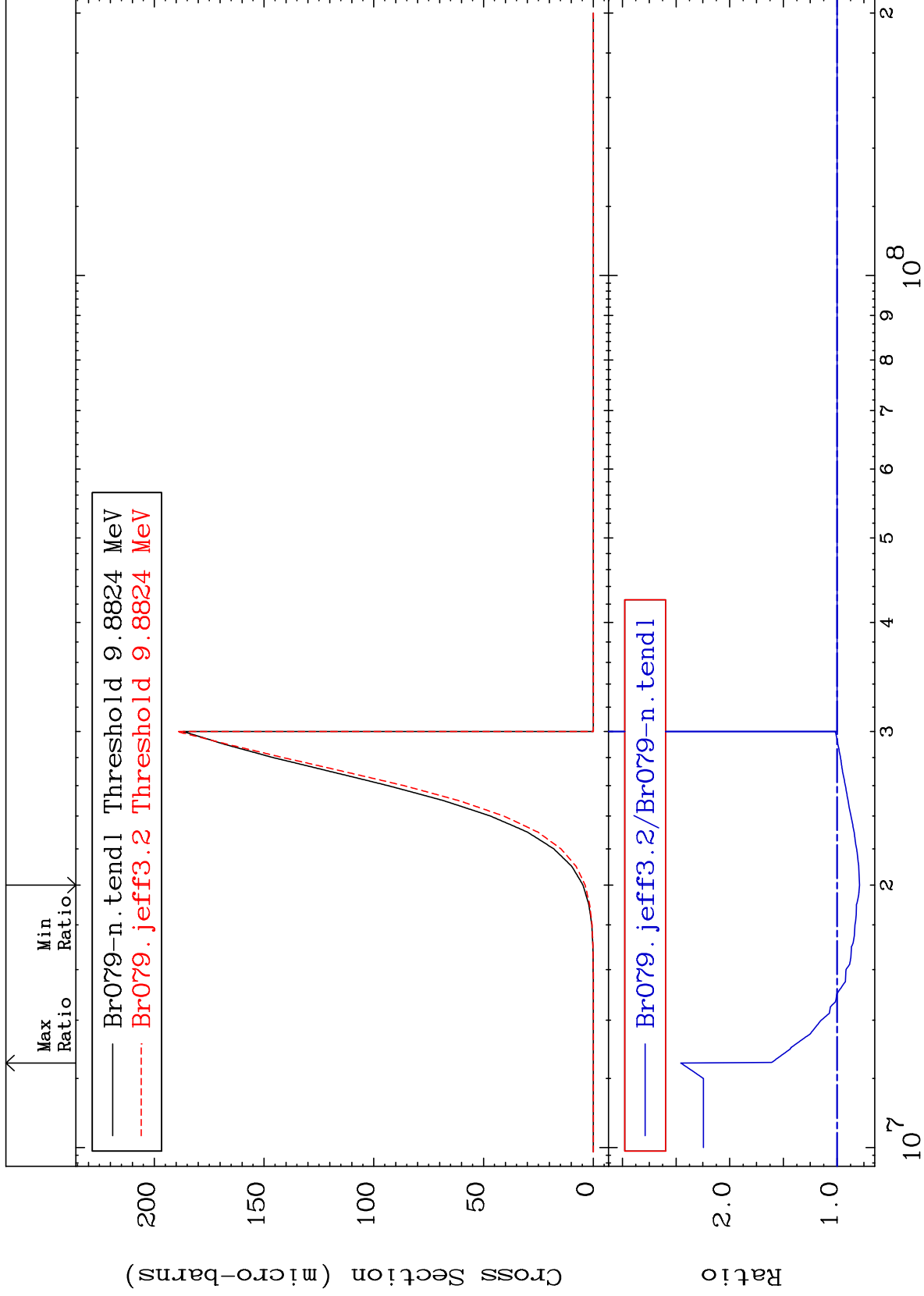
-67.89 To 829.8 %



MAT 3525

(n,2p)
Cross Section

³⁵Br-79
-20.92 To 145.6 %



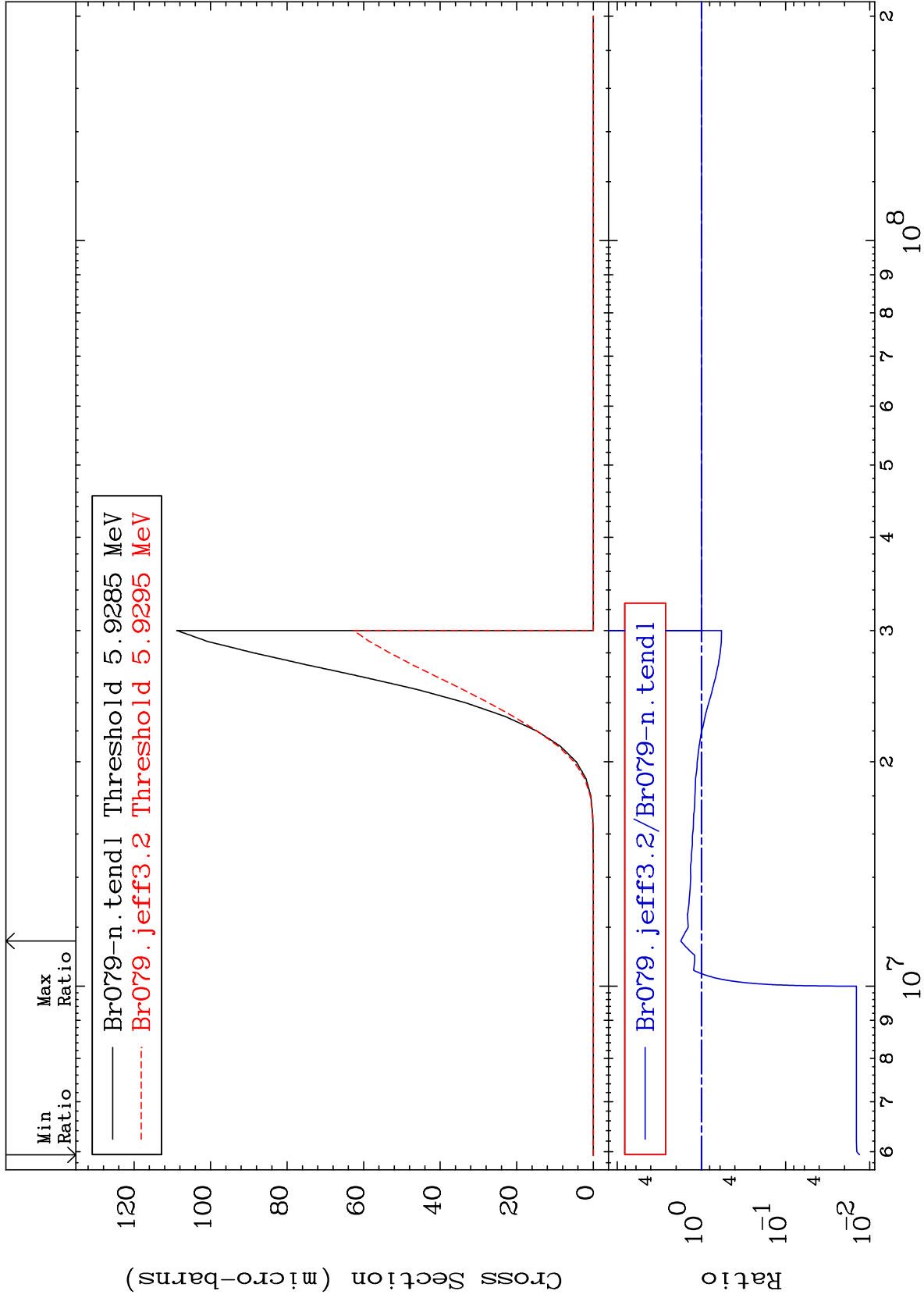
57

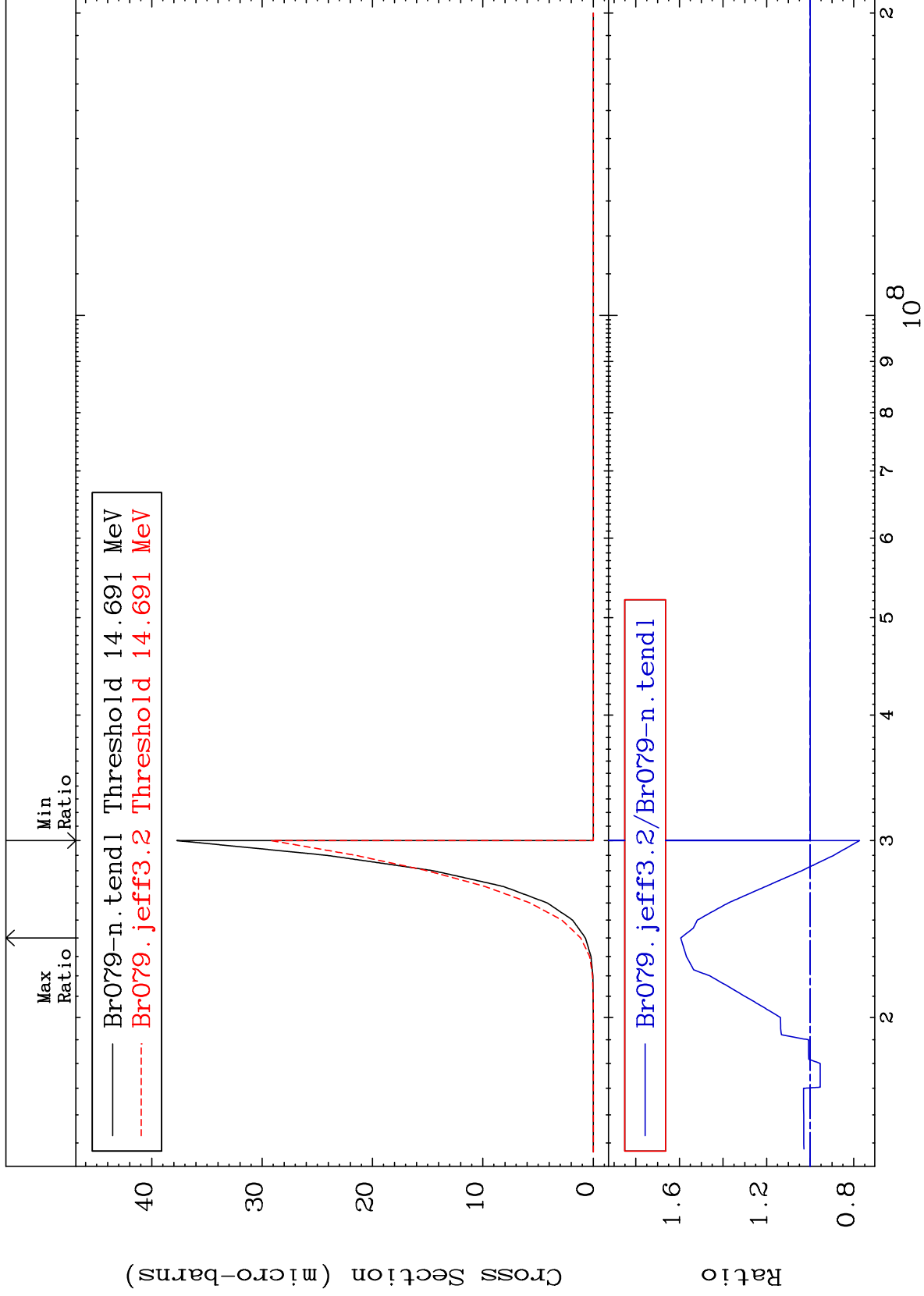
Incident Energy (eV)

³⁵Br-79

Cross Section

-98.68 To 76.00 %





MAT 3525

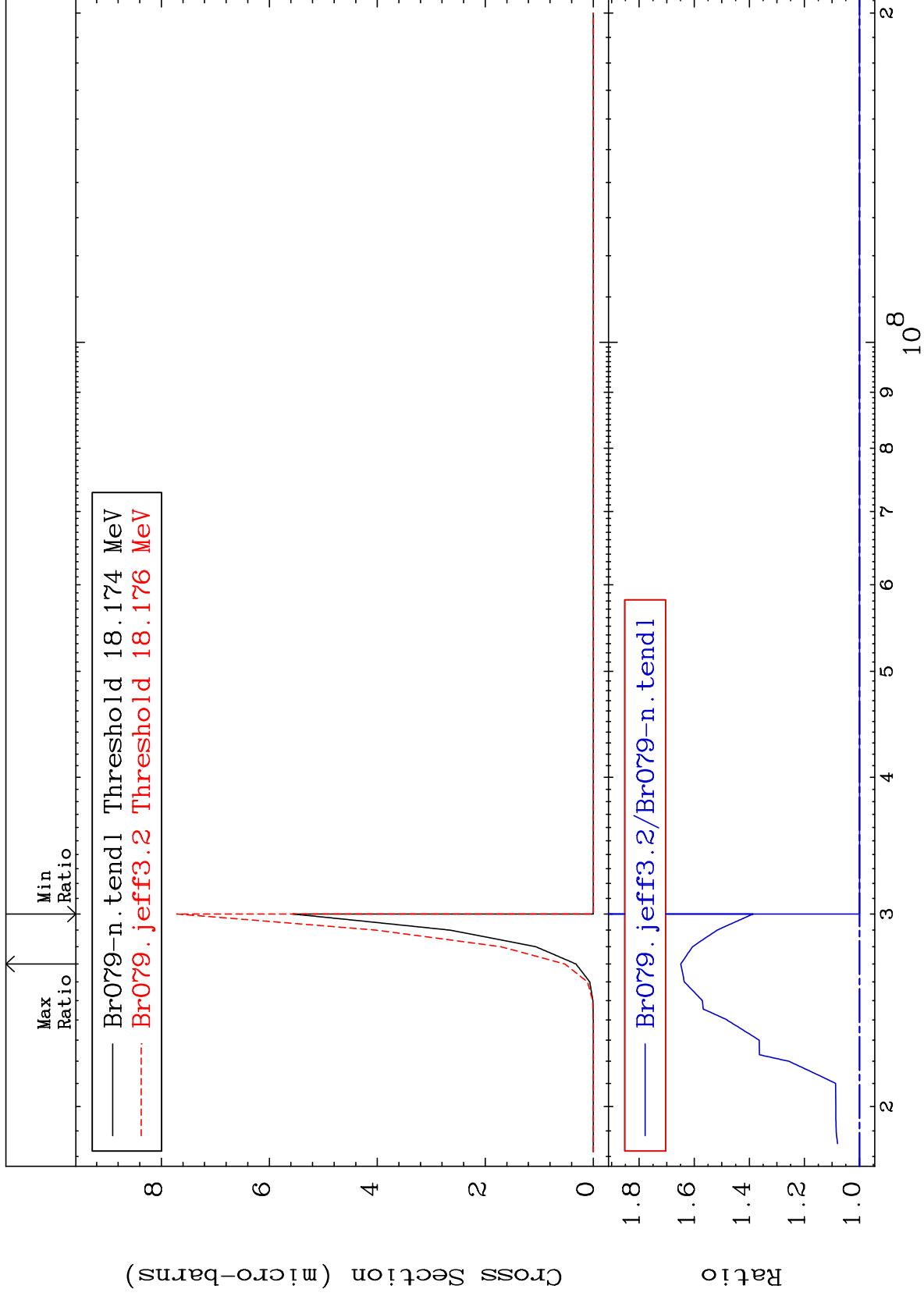
(n,p) t

³⁵Br-79

Cross Section

0.000

To 64.90 %



60

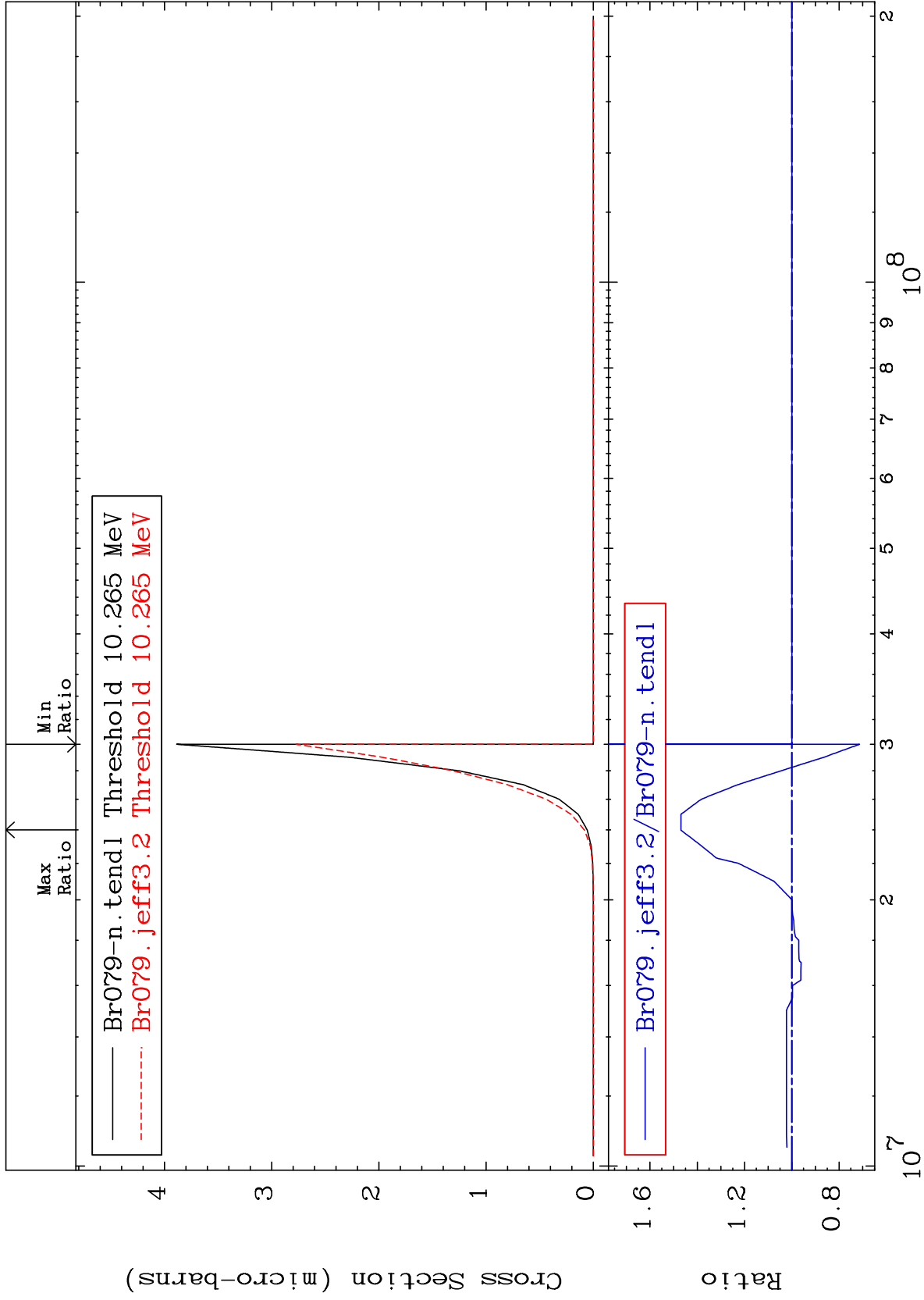
Incident Energy (eV)

³⁵Br-79

MAT 3525

(n, d) α
Cross Section

³⁵Br-79
-28.67 To 46.99 %



61

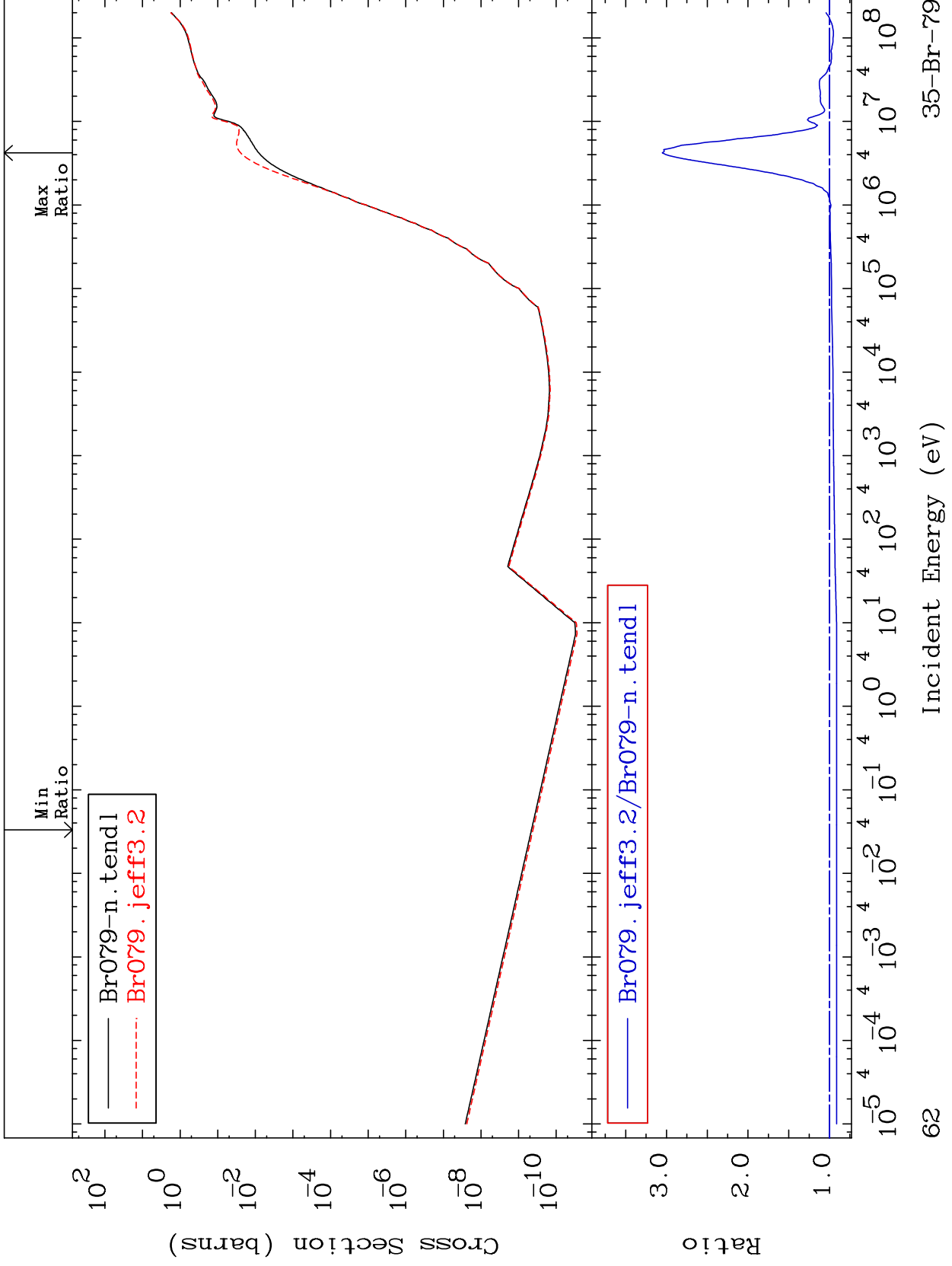
Incident Energy (eV)

³⁵Br-79

MAT 3525

Hydrogen Production
Cross Section

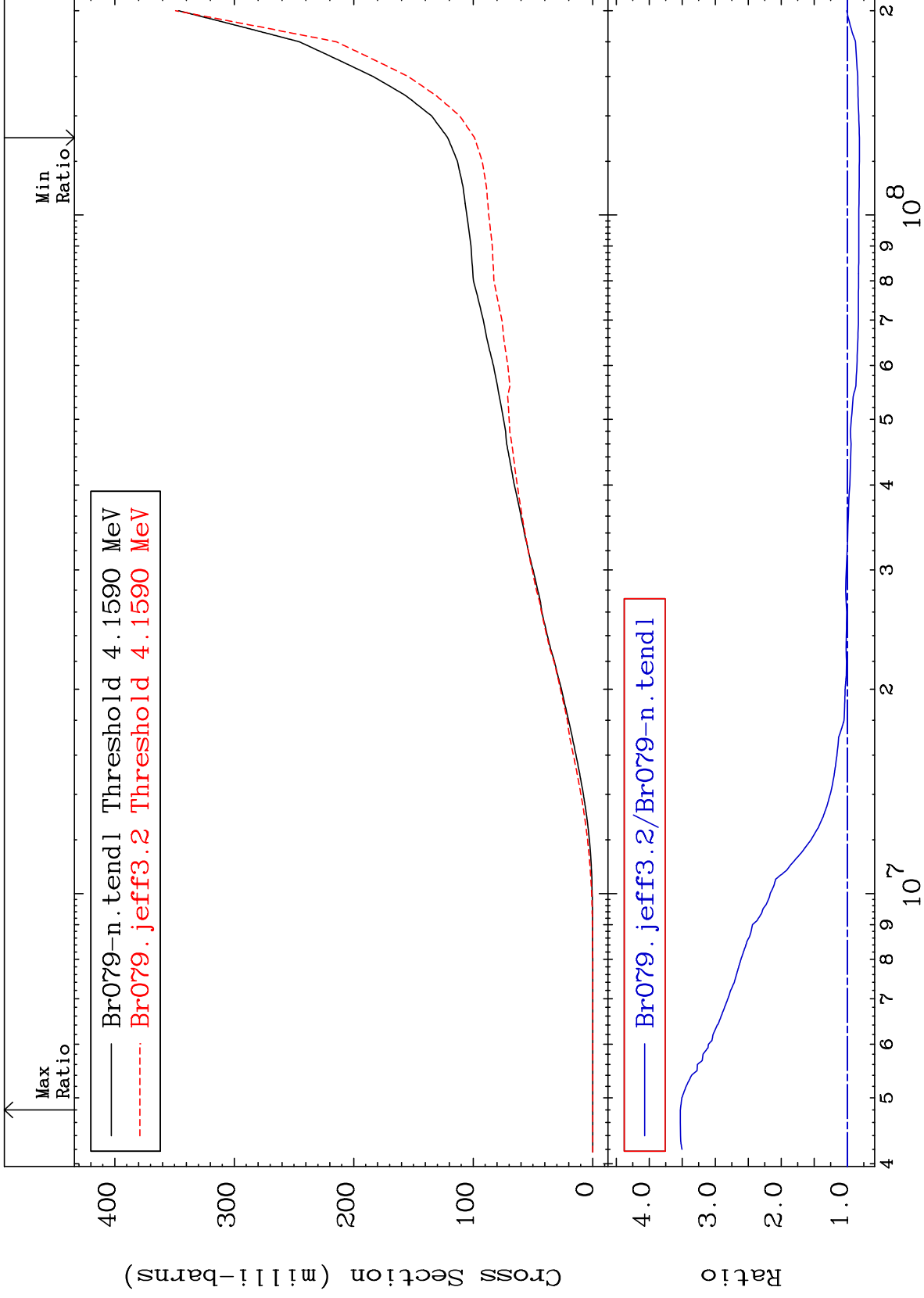
³⁵Br-79
-8.731 To 205.1 %



MAT 3525

Deuterium Production
Cross Section

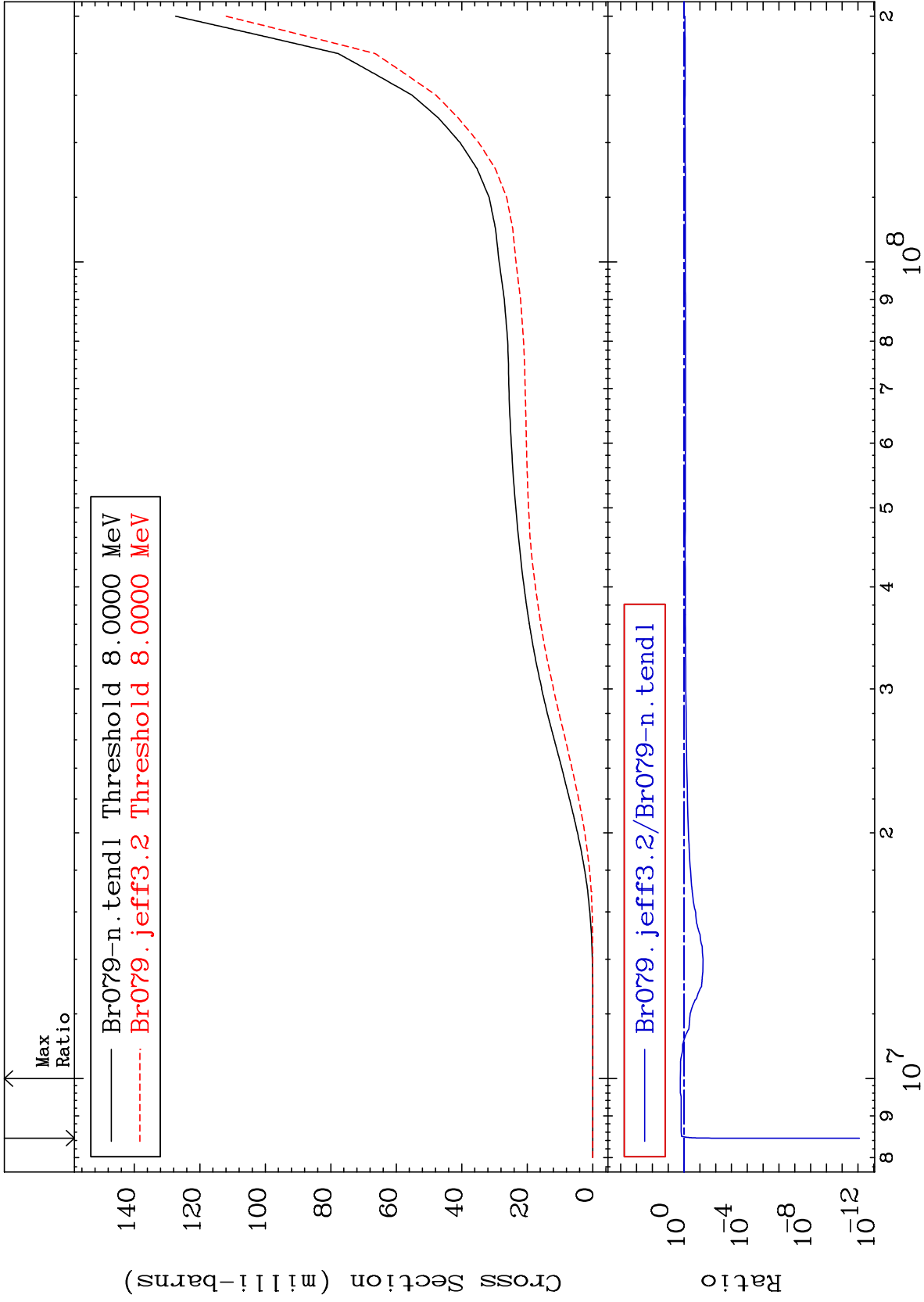
³⁵Br-79
-18.47 To 252.9 %



MAT 3525

Tritium Production
Cross Section

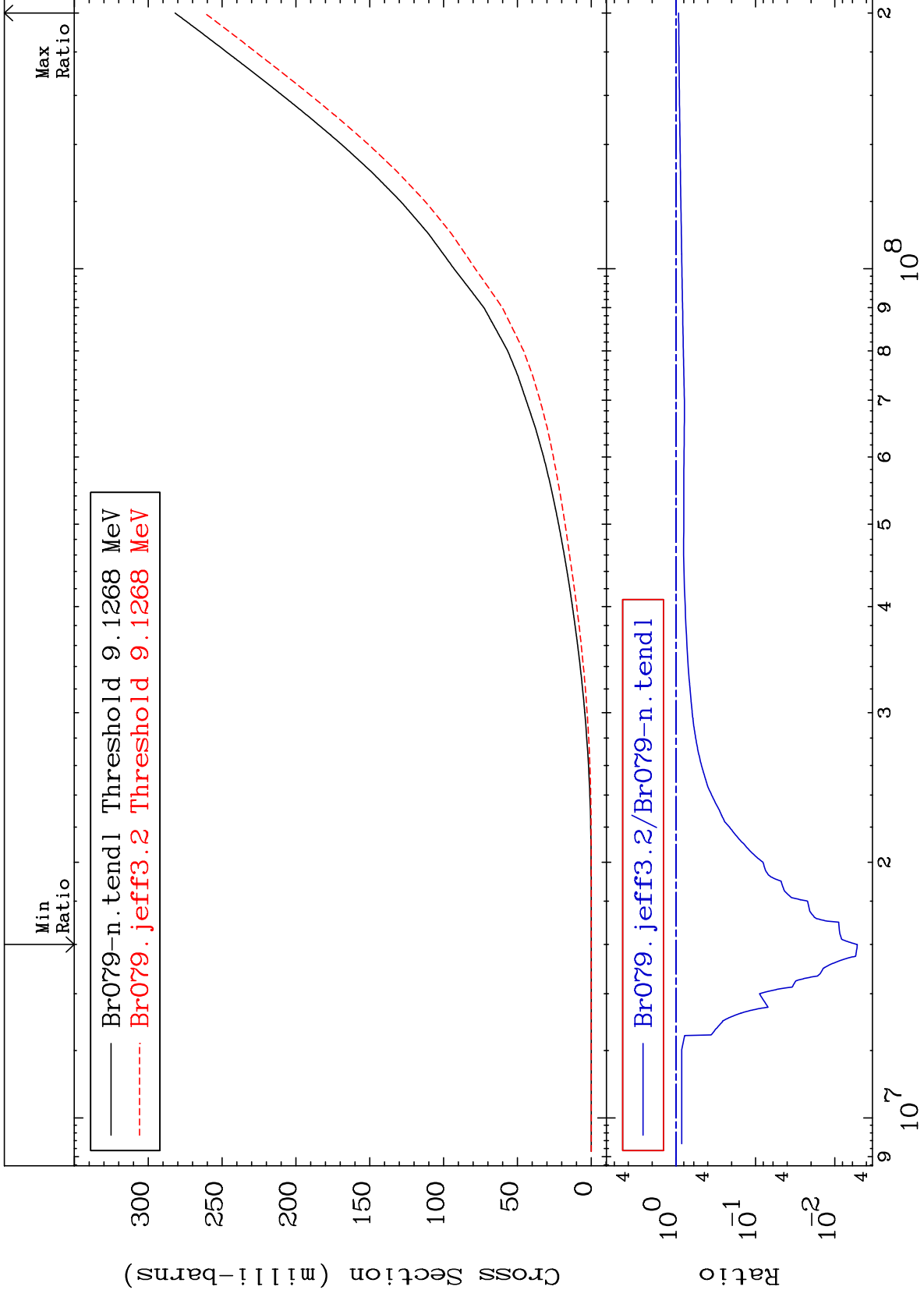
³⁵Br-79
-100.0 To 70.67 %



MAT 3525

He-3 Production
Cross Section

35-Br-79
-99.48 To -7.111%



65

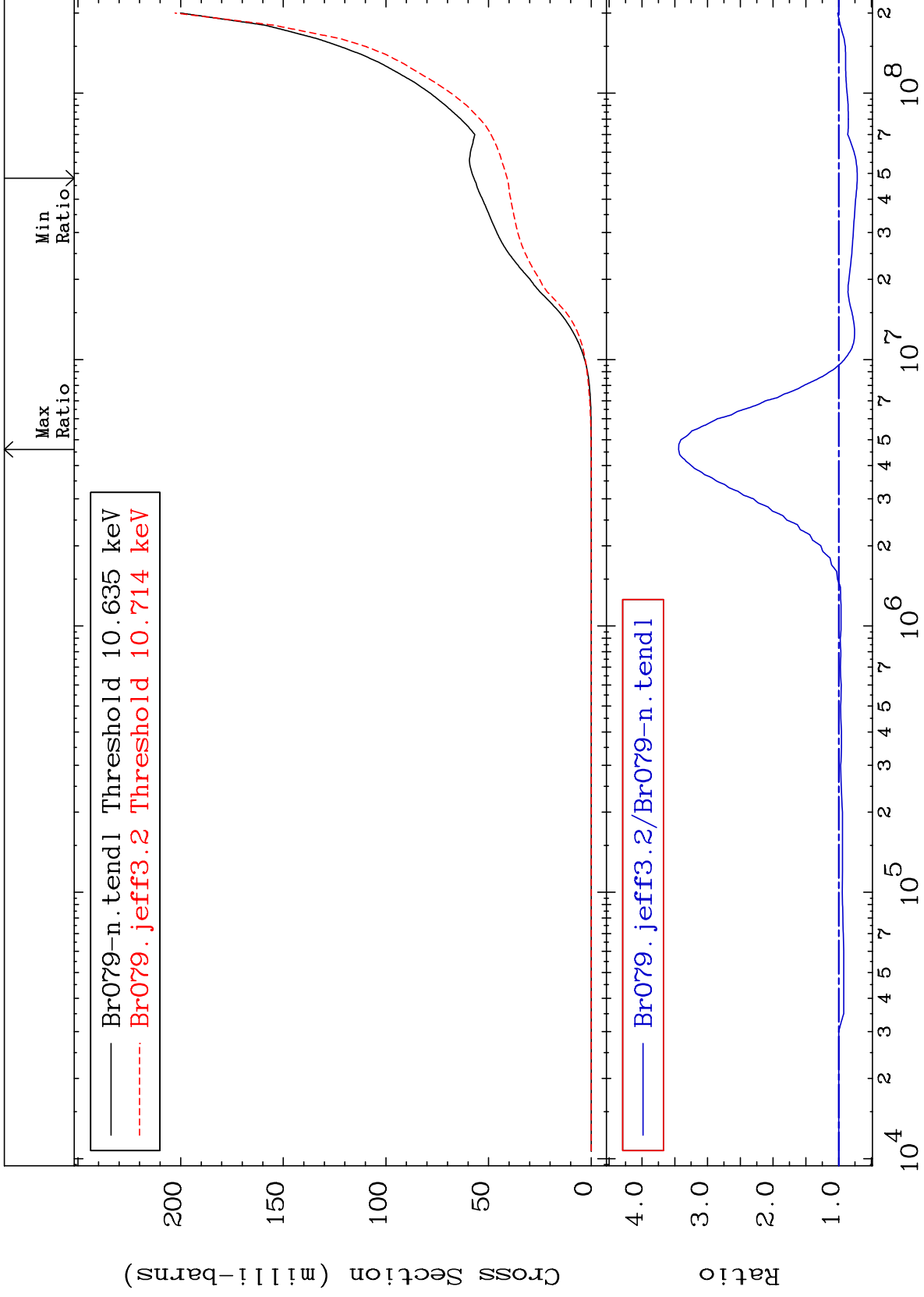
Incident Energy (eV)

35-Br-79

MAT 3525

He-4 Production
Cross Section

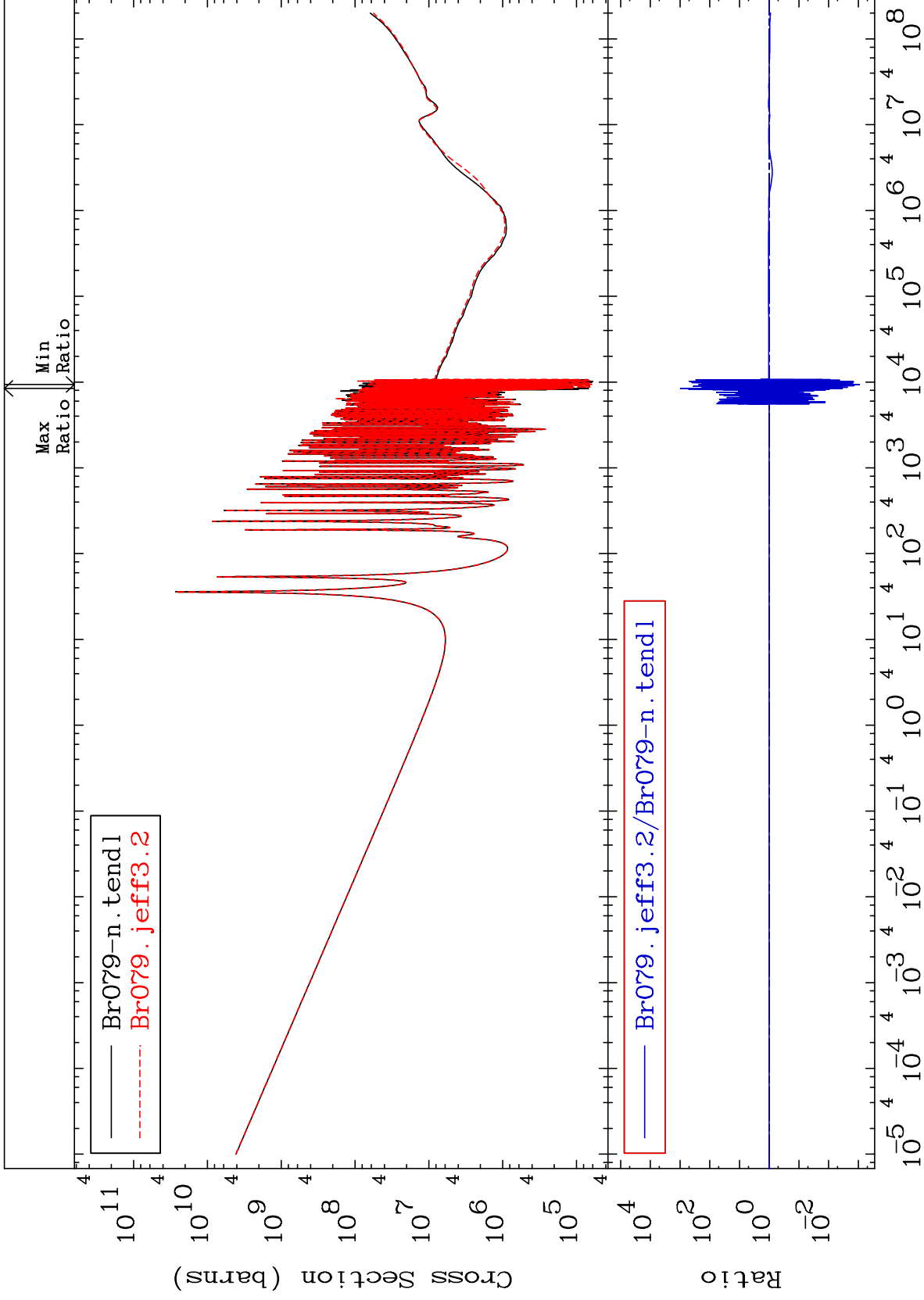
35-Br-79
-28.38 To 244.1 %



66

Incident Energy (eV)

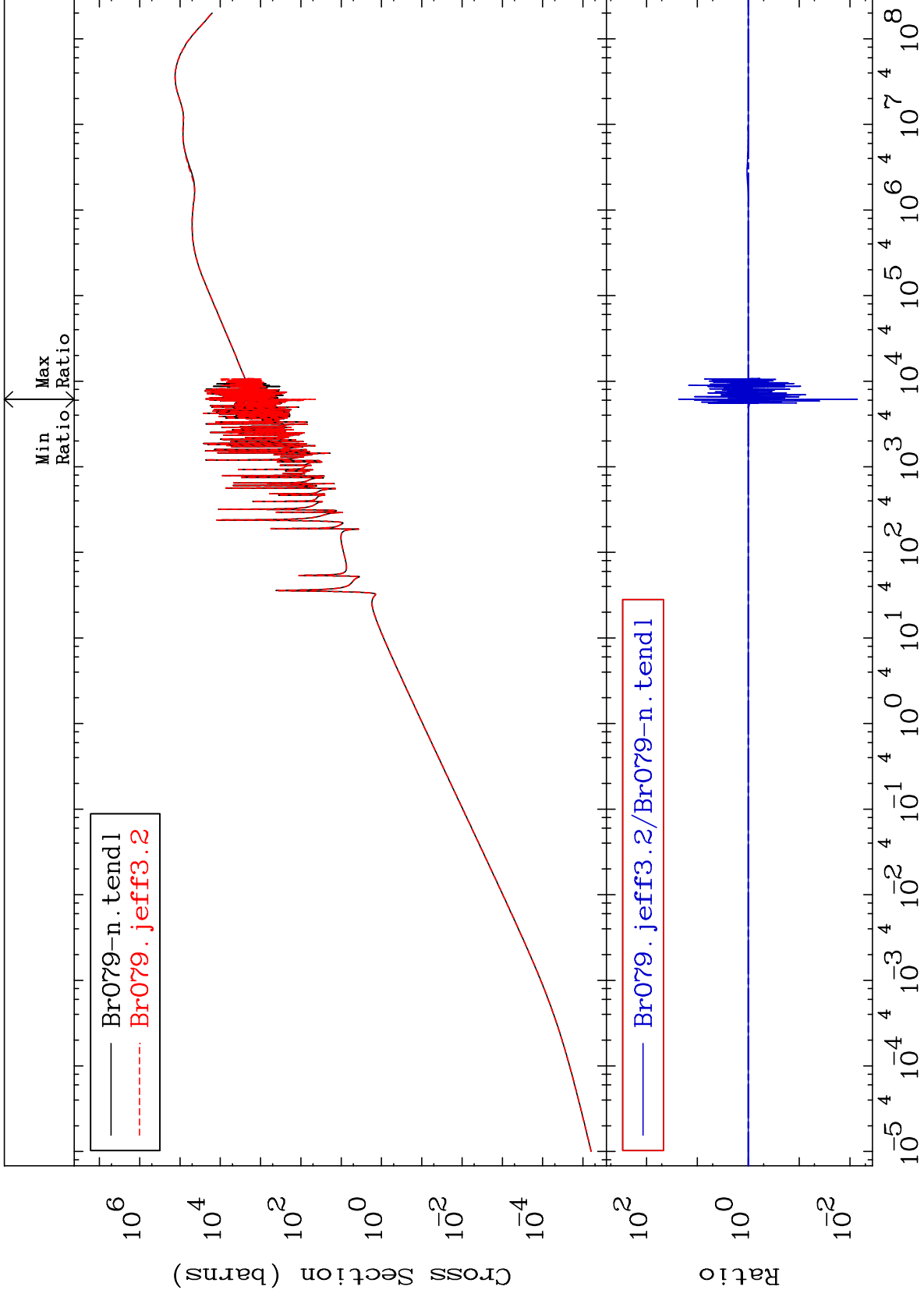
35-Br-79

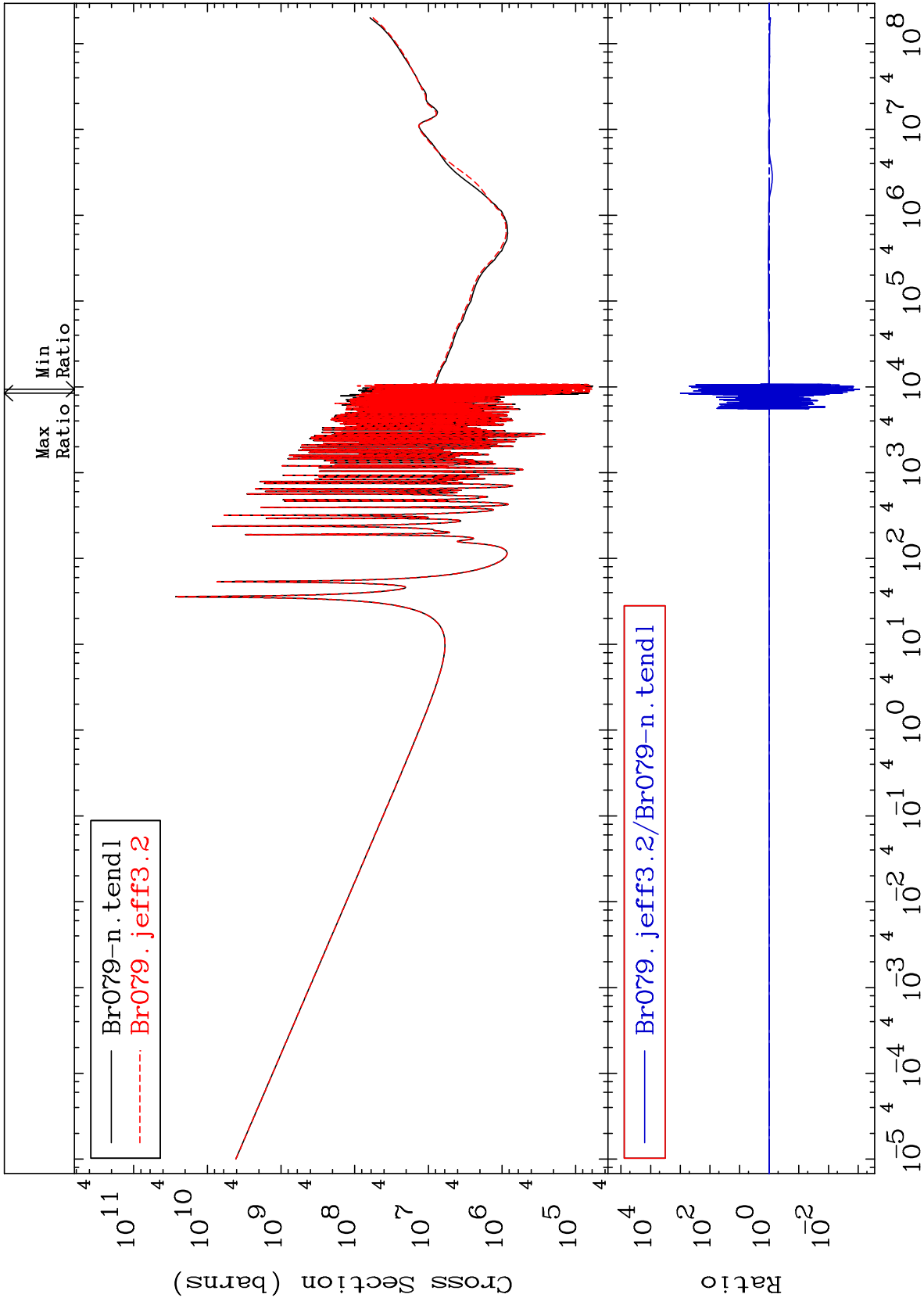


MAT 3525

Kerma elastic
Cross Section

35-Br-79
-99.28 To 2233. %

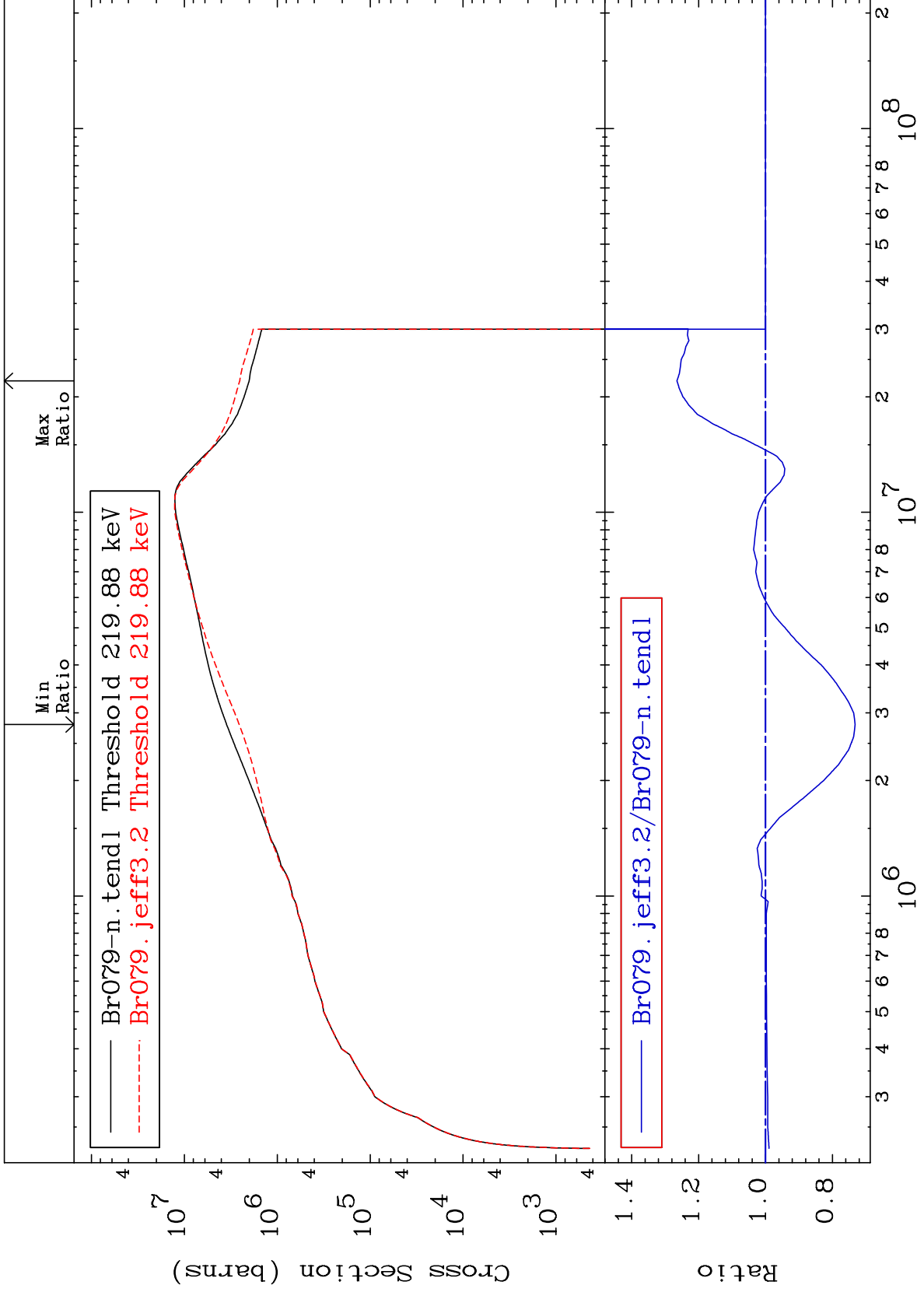




MAT 3525

Kerma inelastic (mt51-91)
Cross Section

35-Br-79
-26.77 To 26.50 %



70

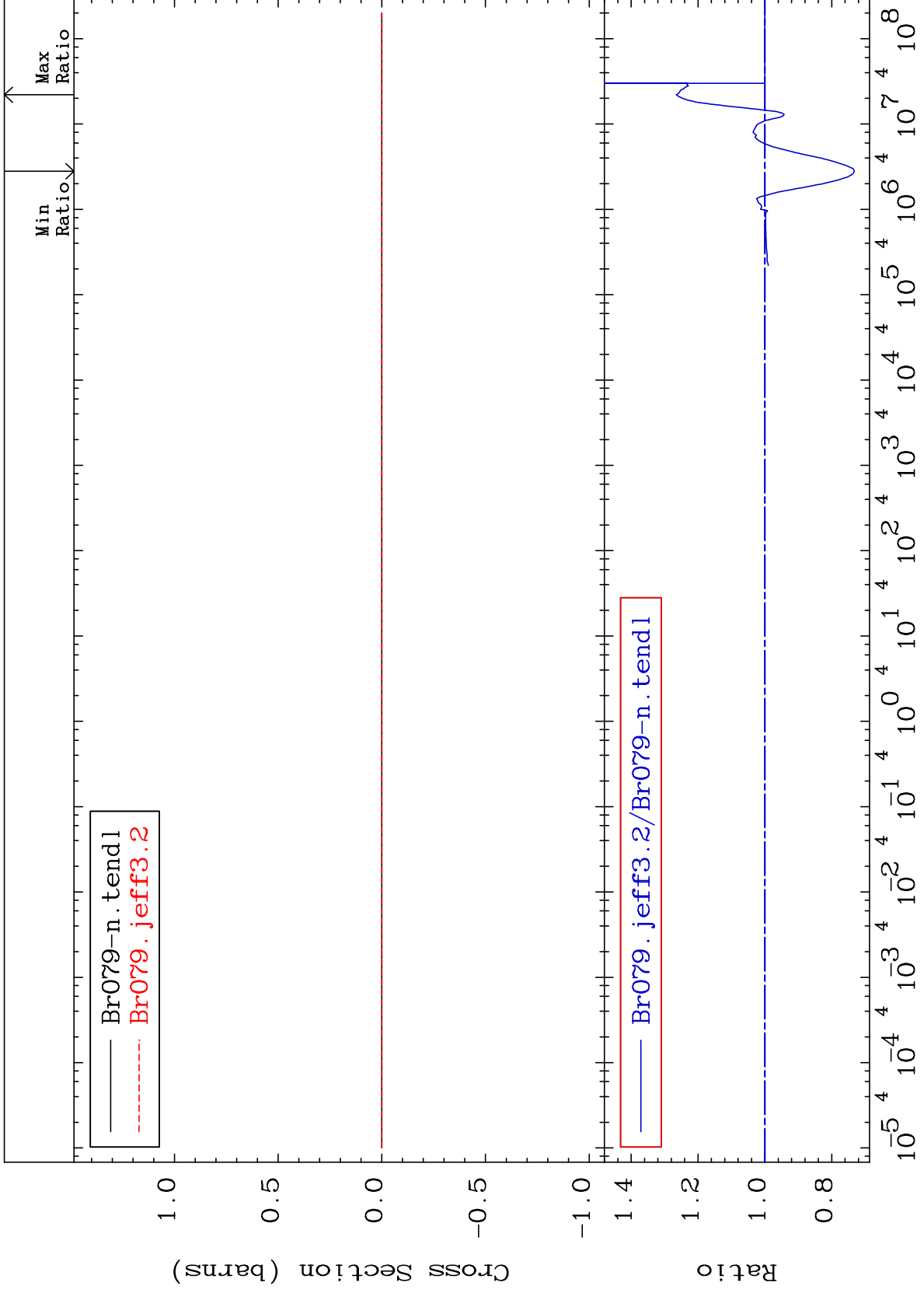
Incident Energy (eV)

35-Br-79

MAT 3525

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

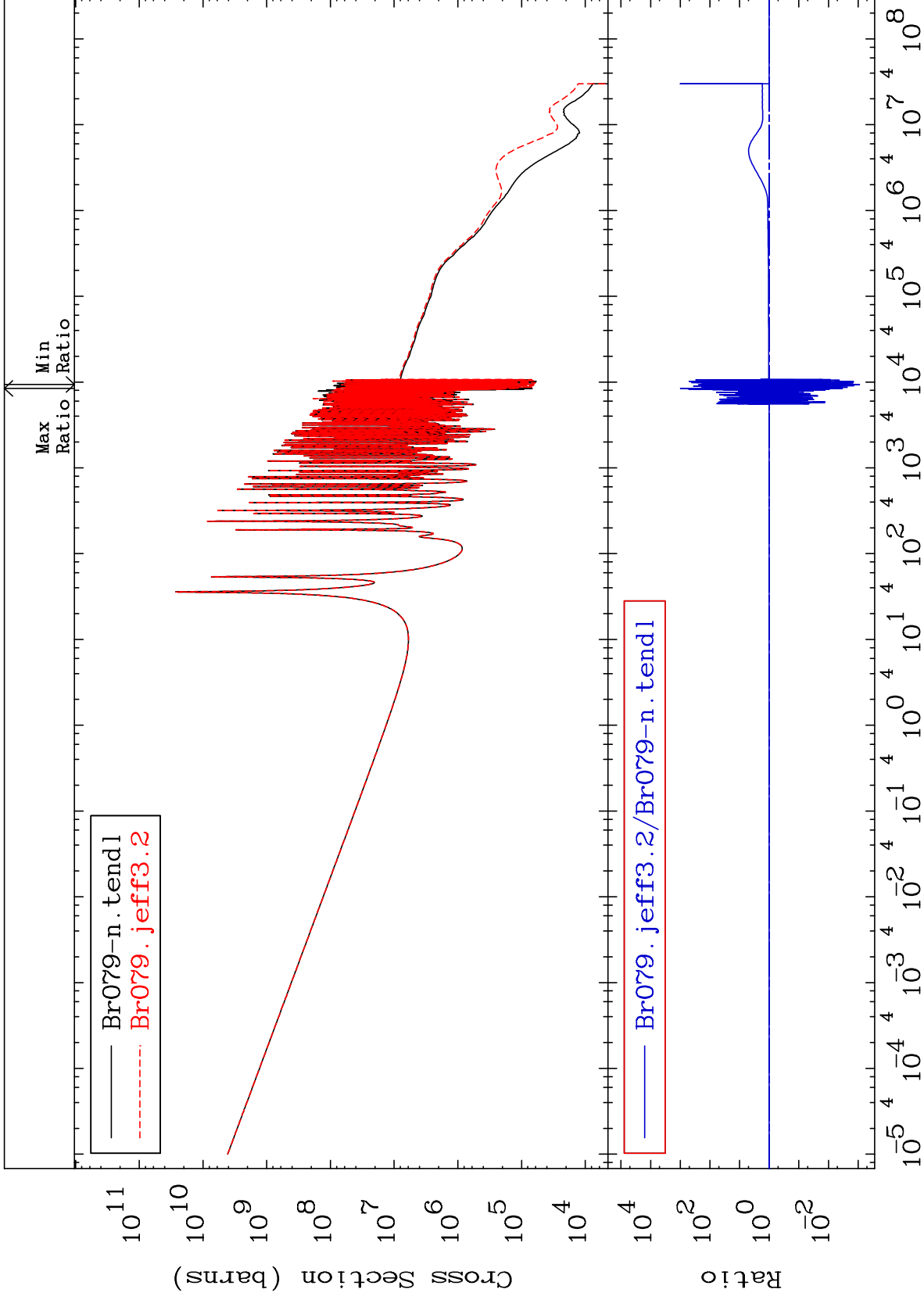
35-Br-79
-26.77 To 26.50 %

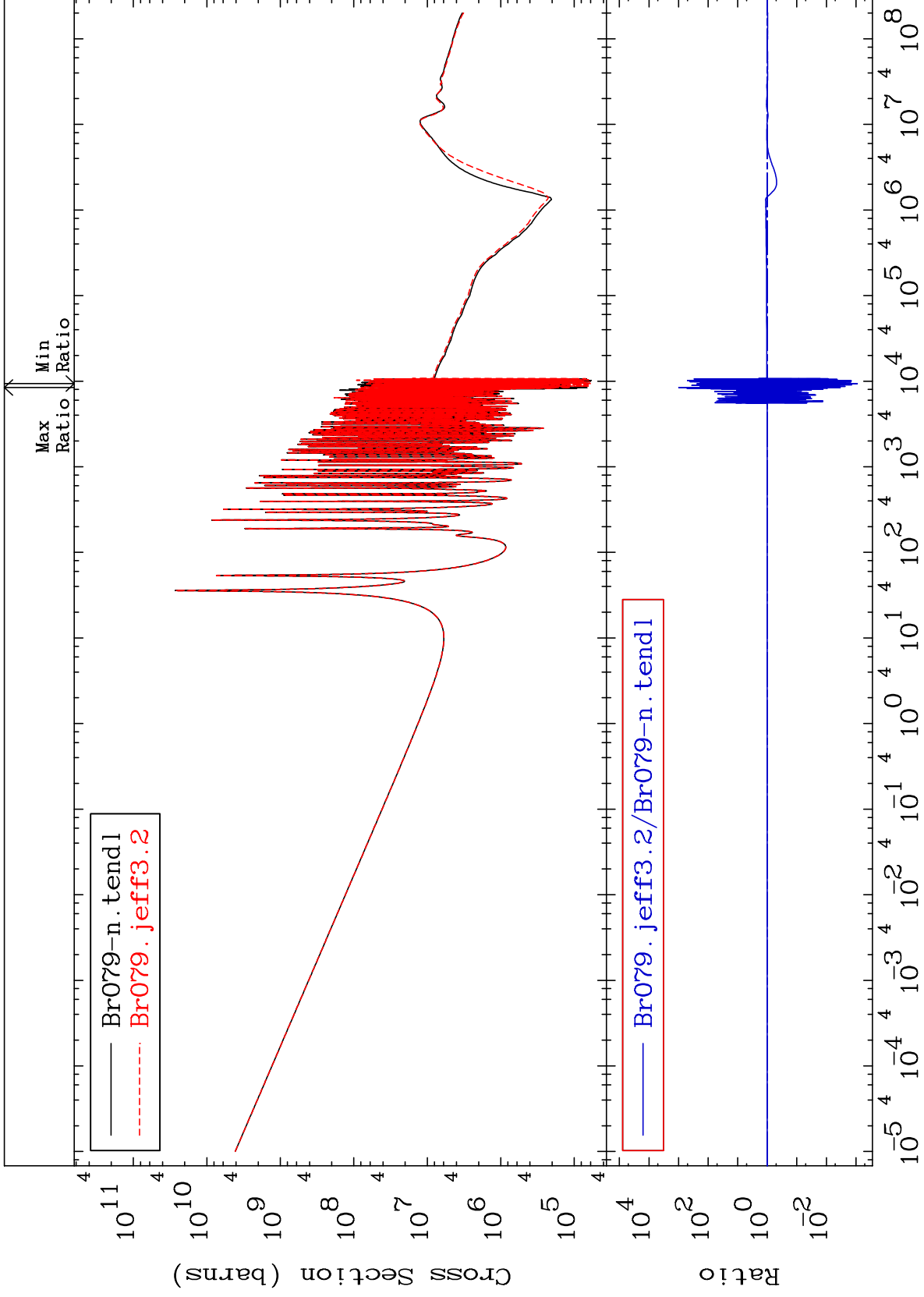


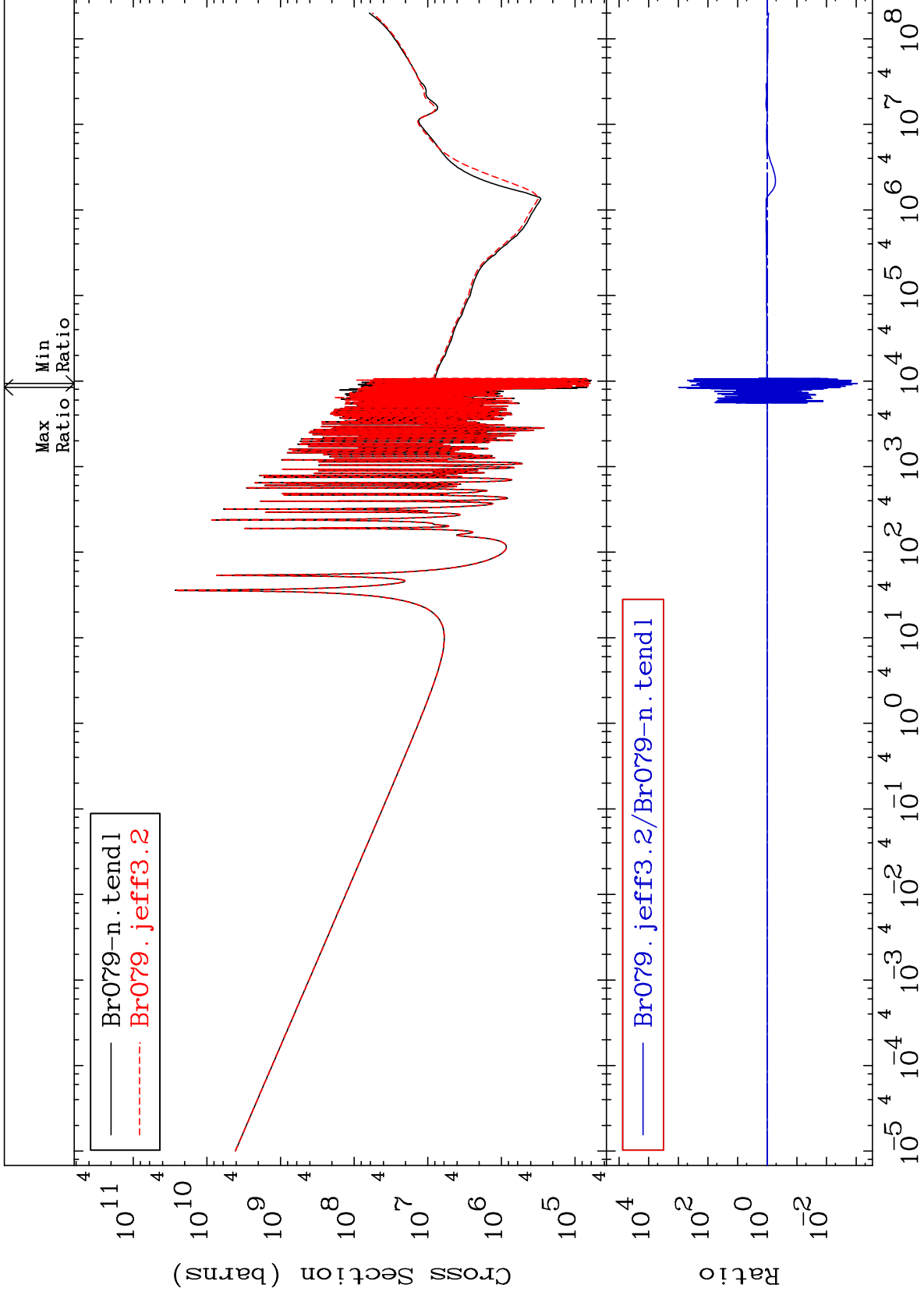
71

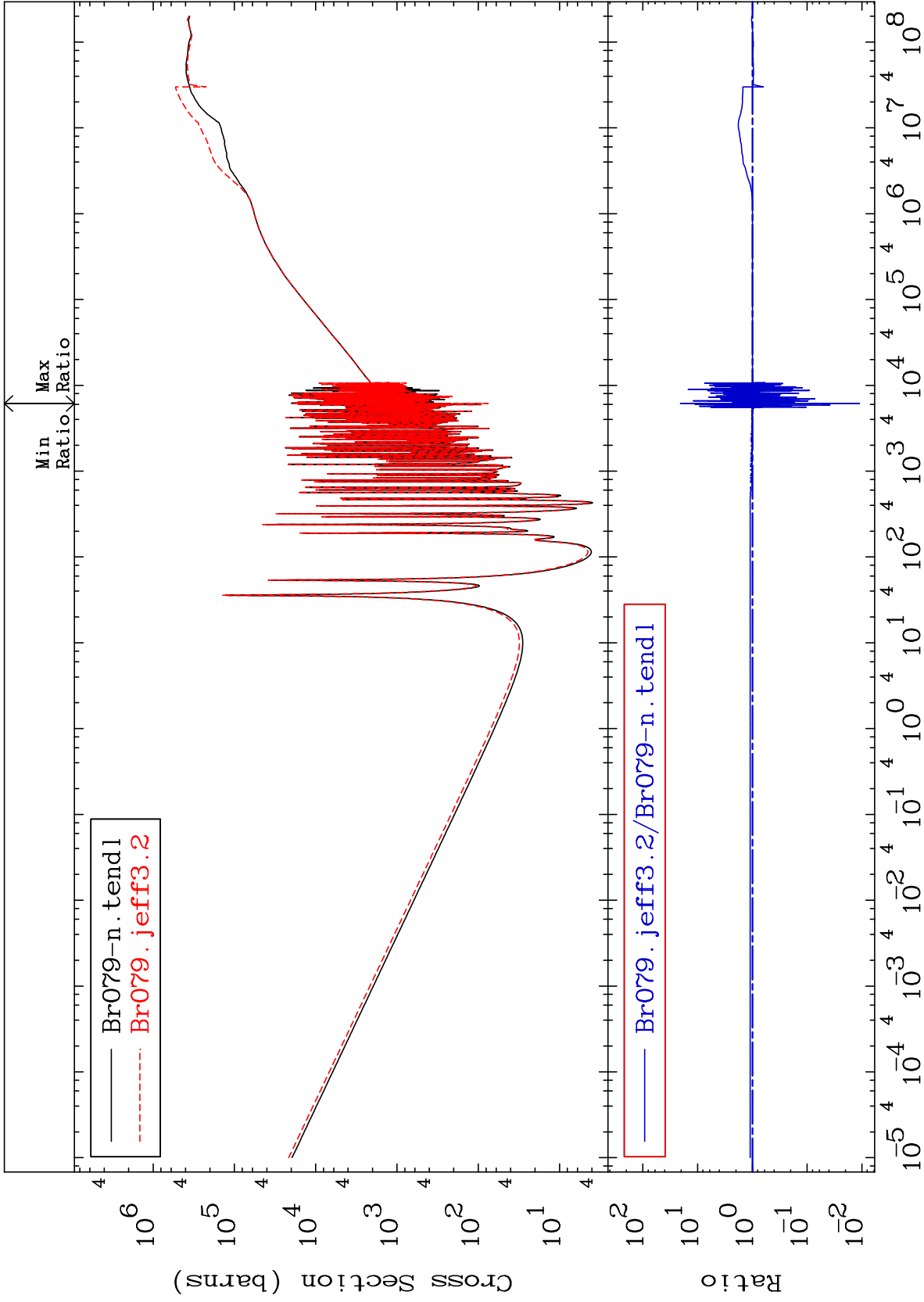
Incident Energy (eV)

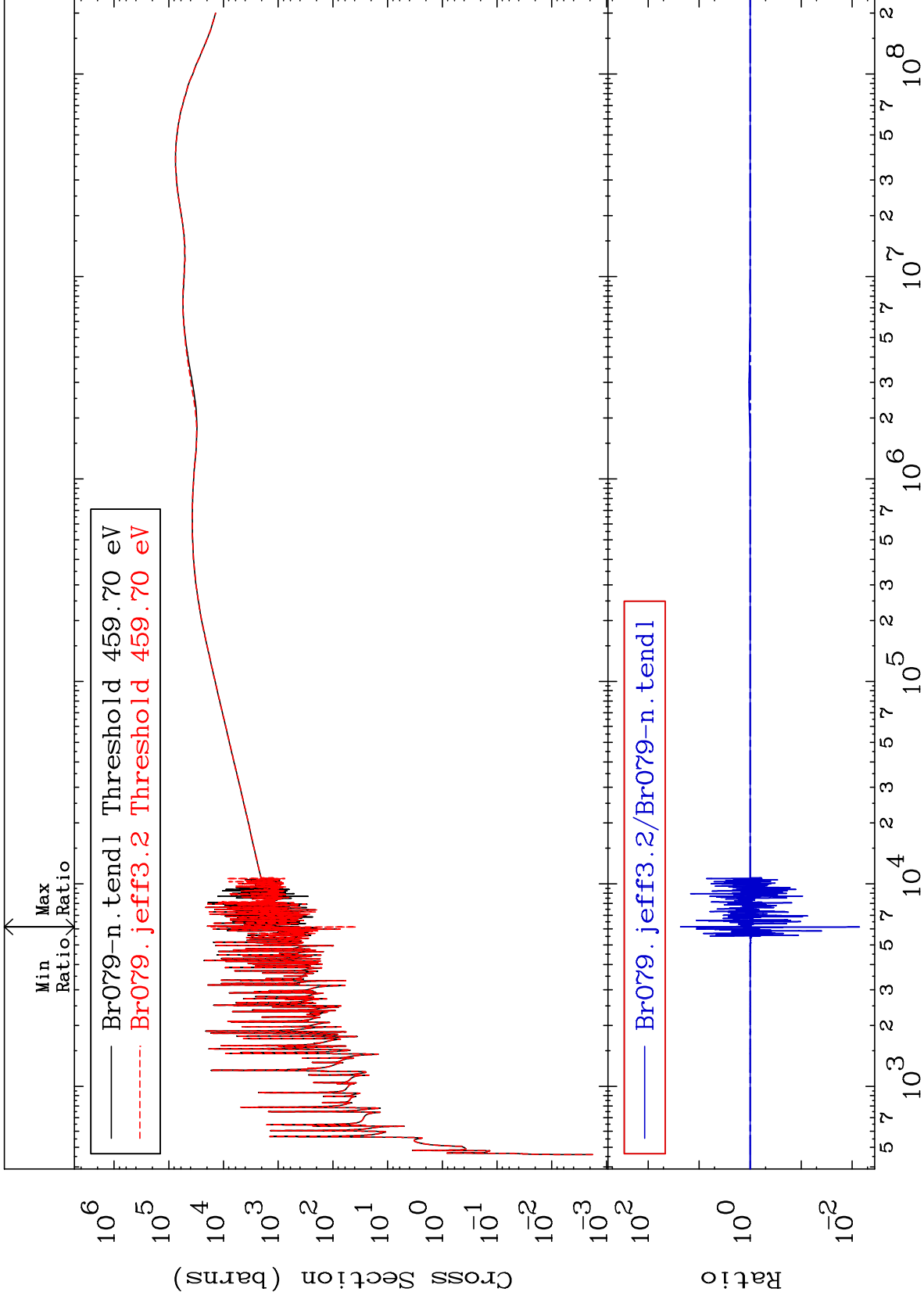
35-Br-79

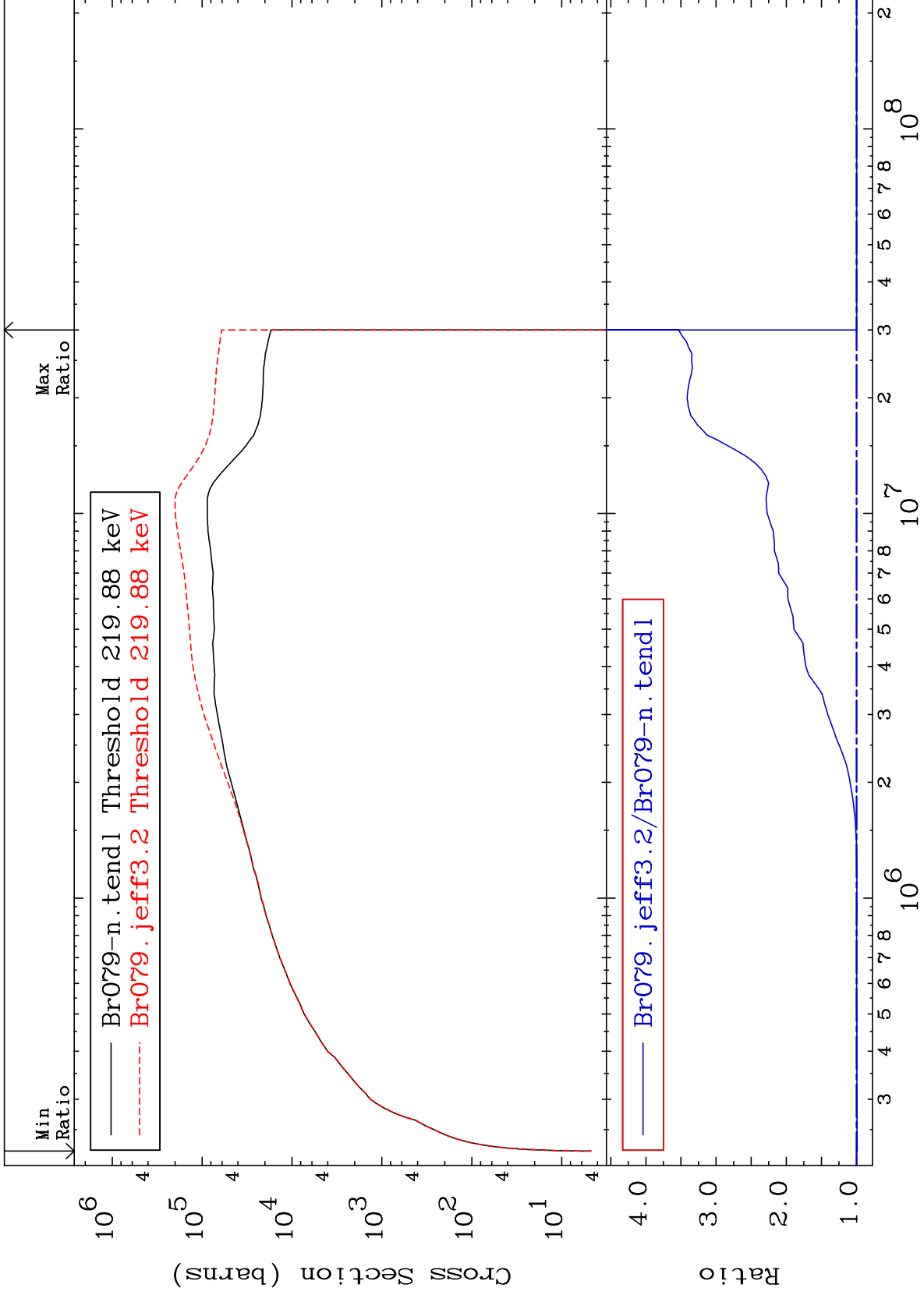


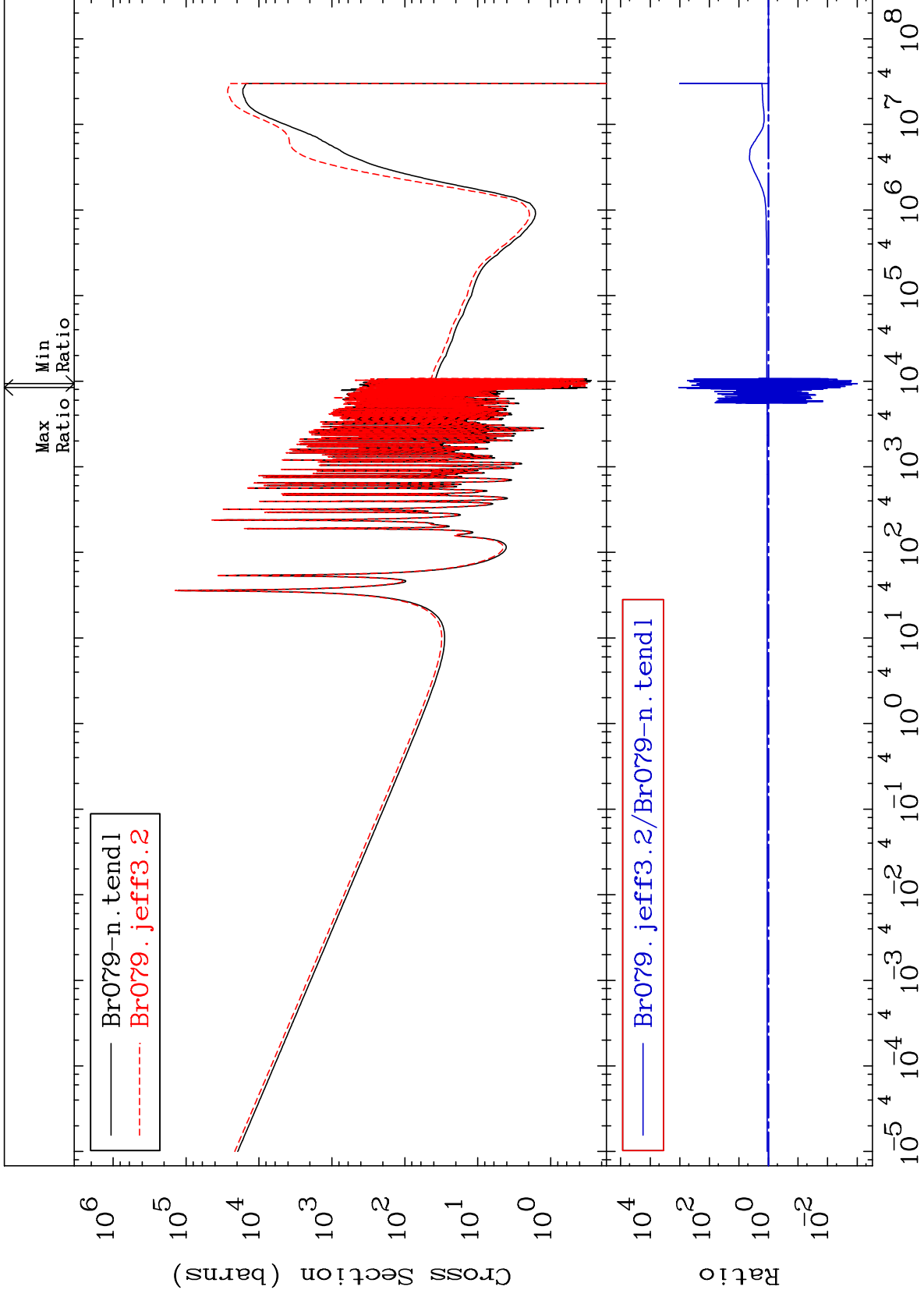












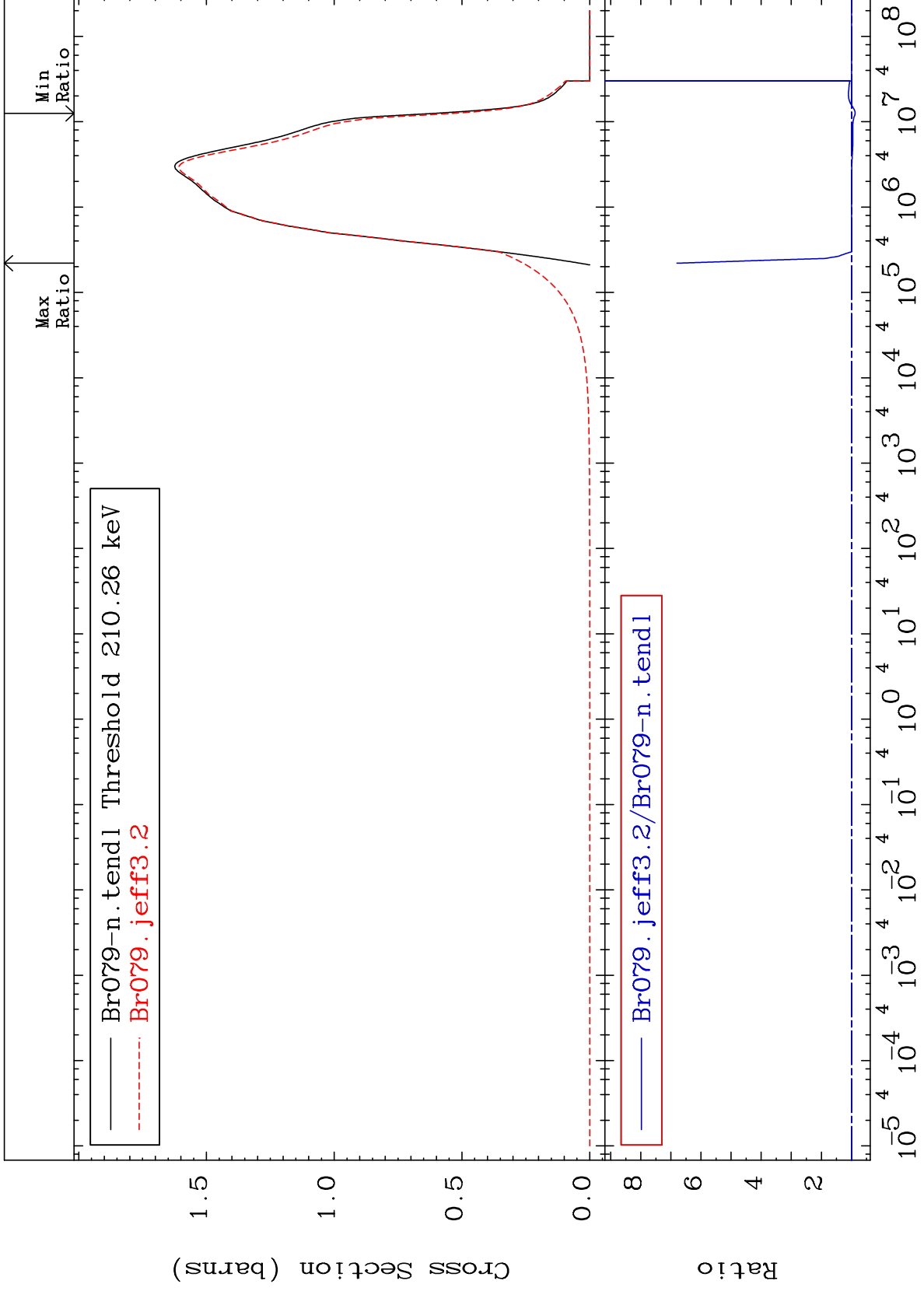
MAT 3525

Inelastic:35-Br-79g

35-Br-79

Radionuclide Production Cross Section

-12.01 To 580.0 %



79

Incident Energy (eV)

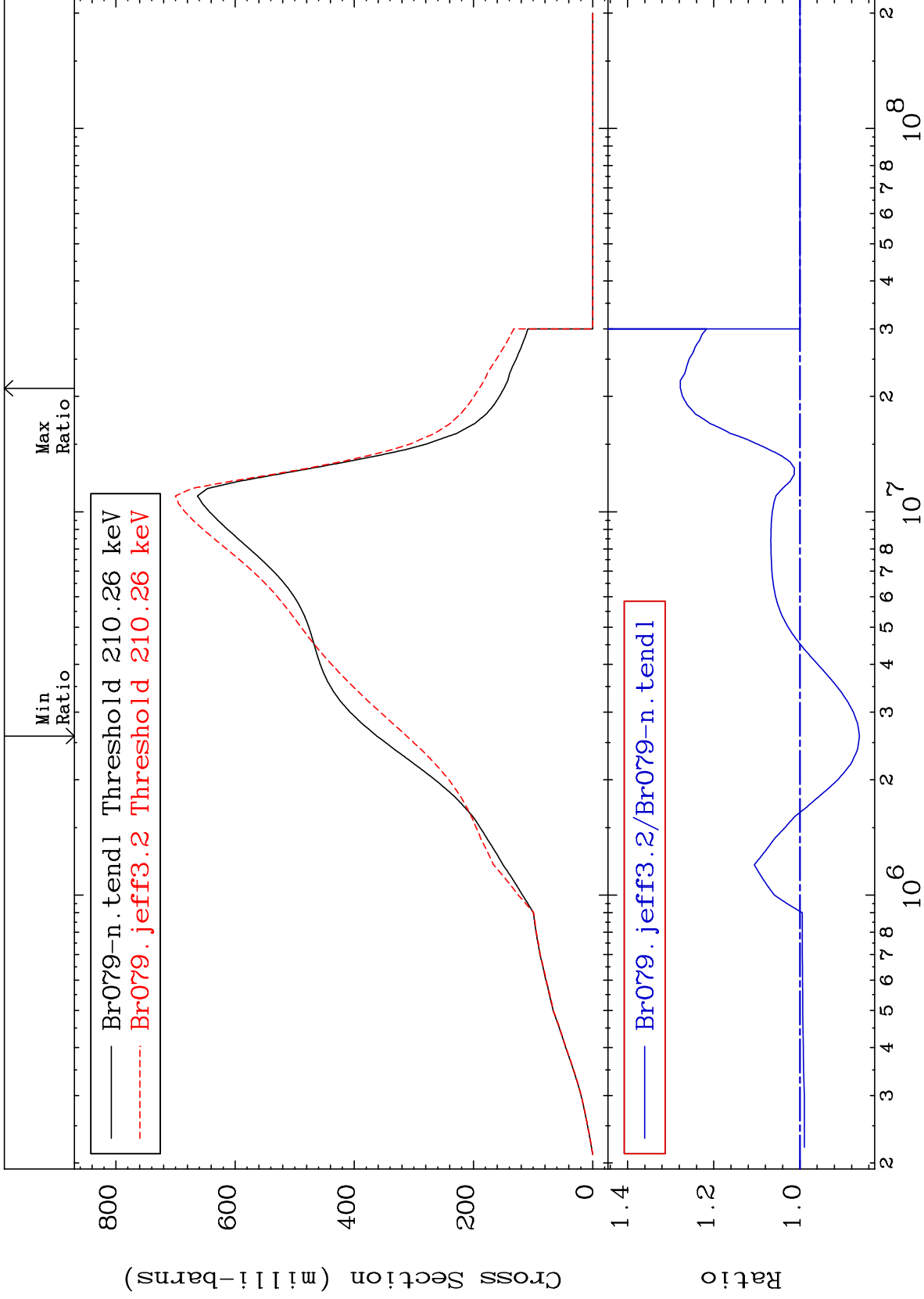
35-Br-79

MAT 3525

Inelastic: 35-Br-79m1

35-Br-79

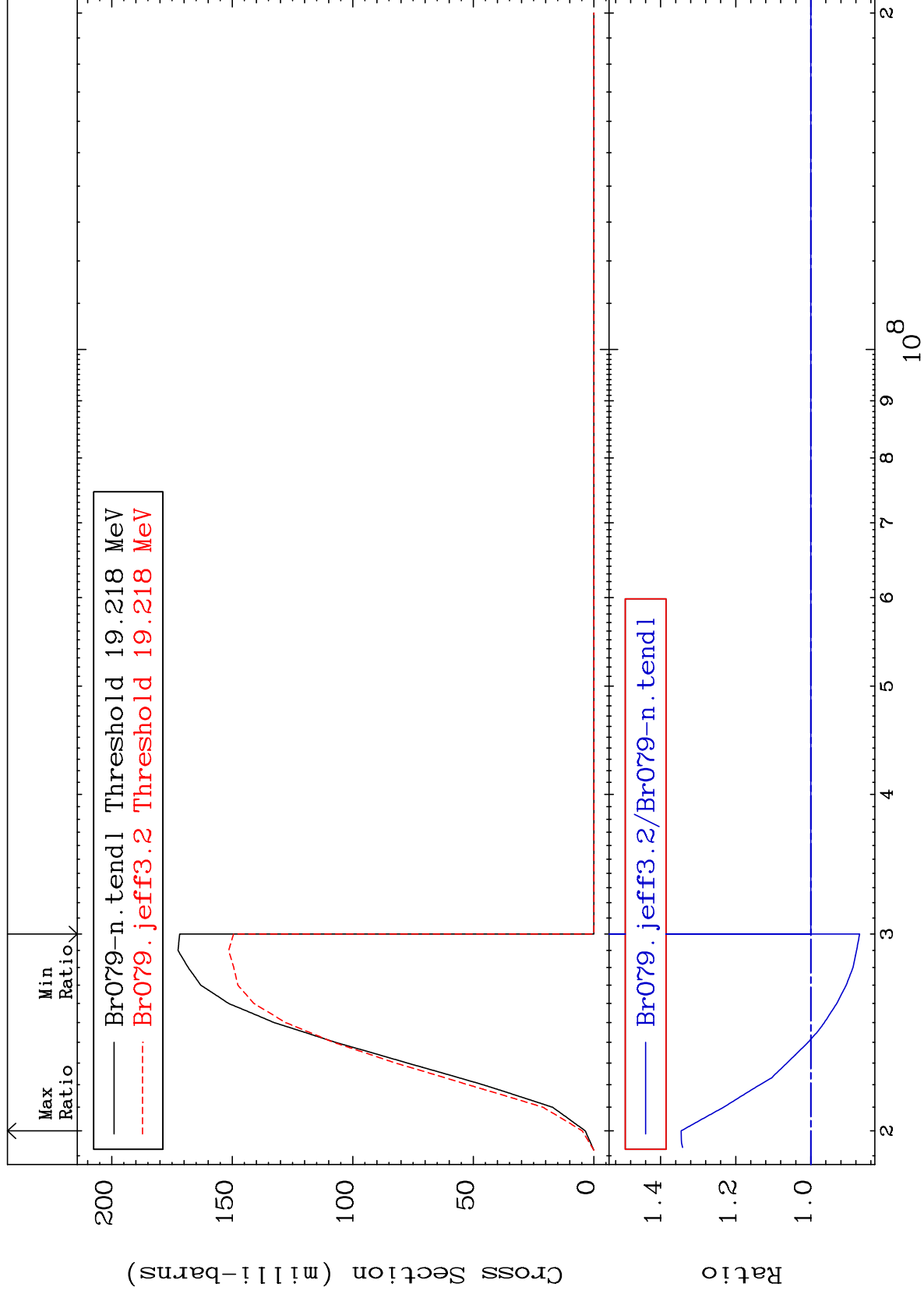
Radionuclide Production Cross Section -13.80 To 27.75 %



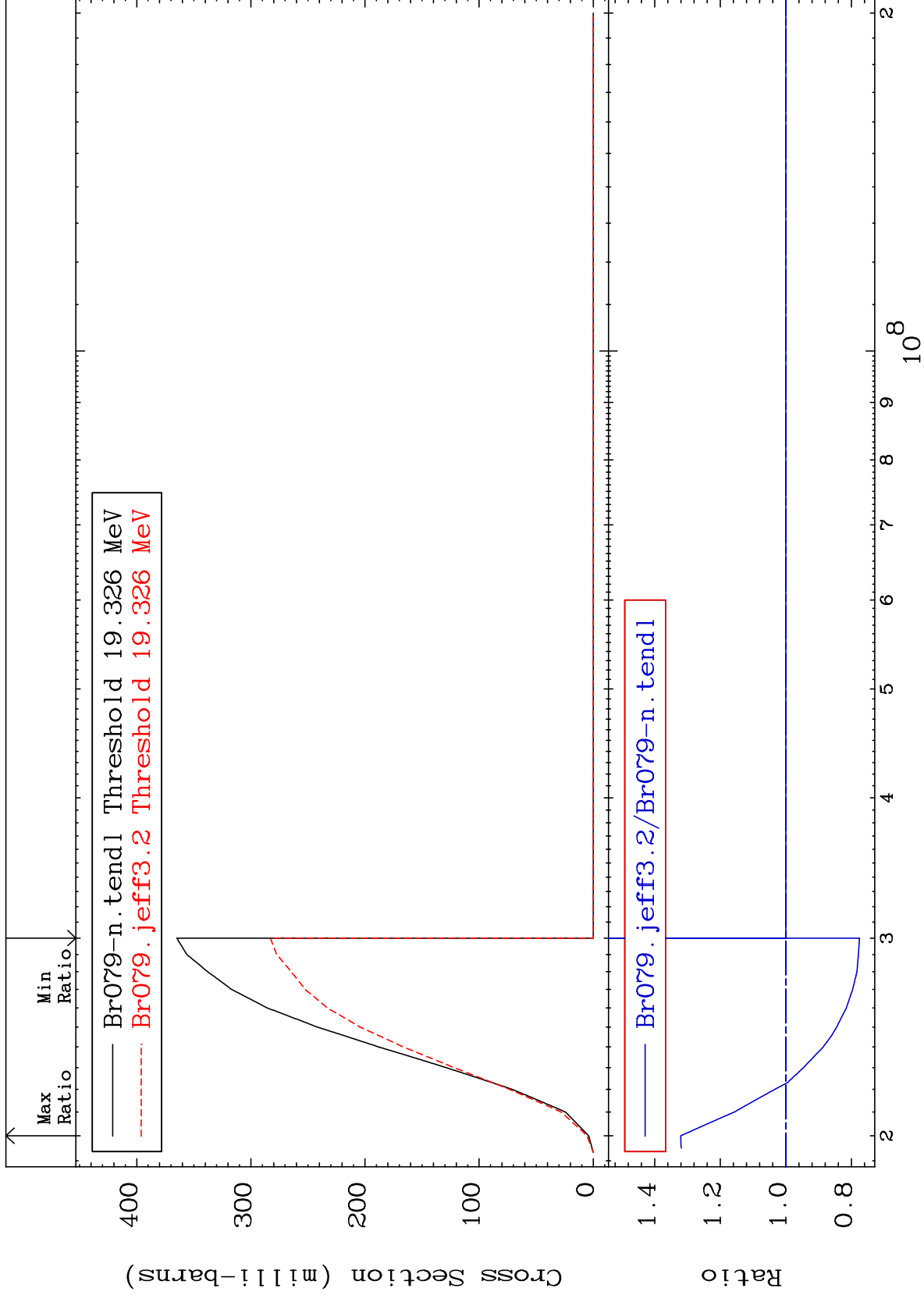
80

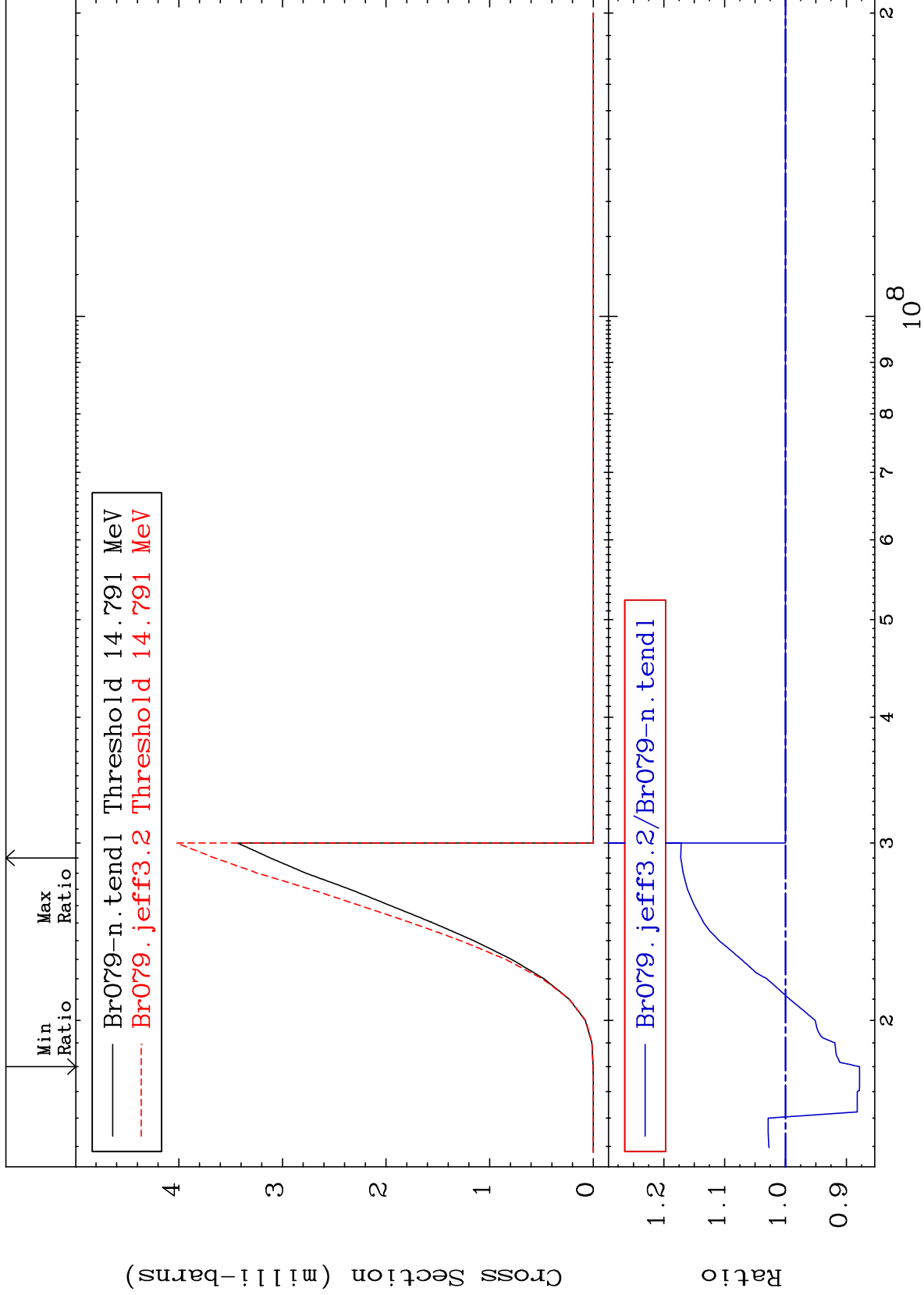
Incident Energy (eV)

35-Br-79

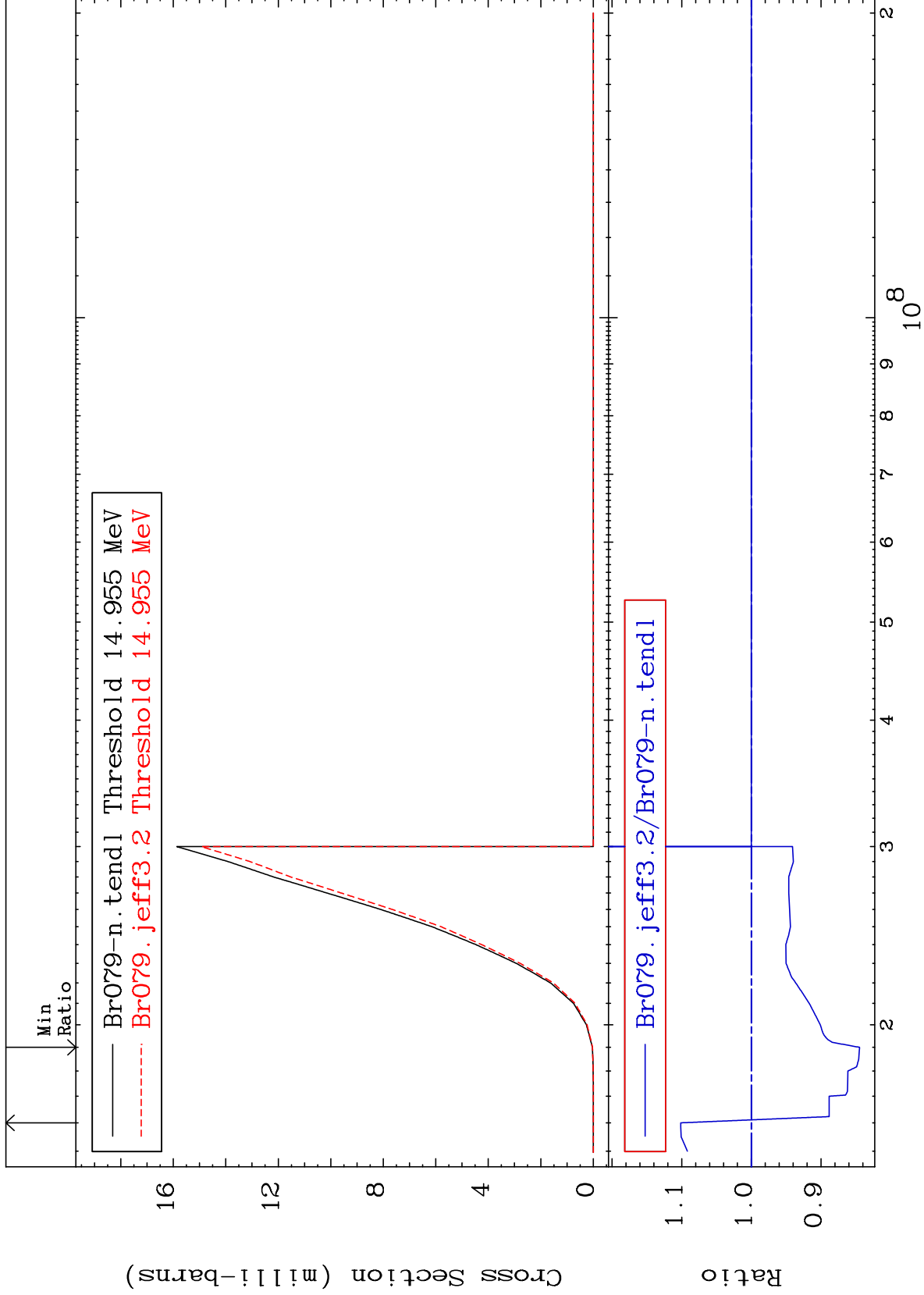


Radionuclide Production Cross Section -22.47 To 32.02 %





Radionuclide Production Cross Section -15.53 To 10.13 %

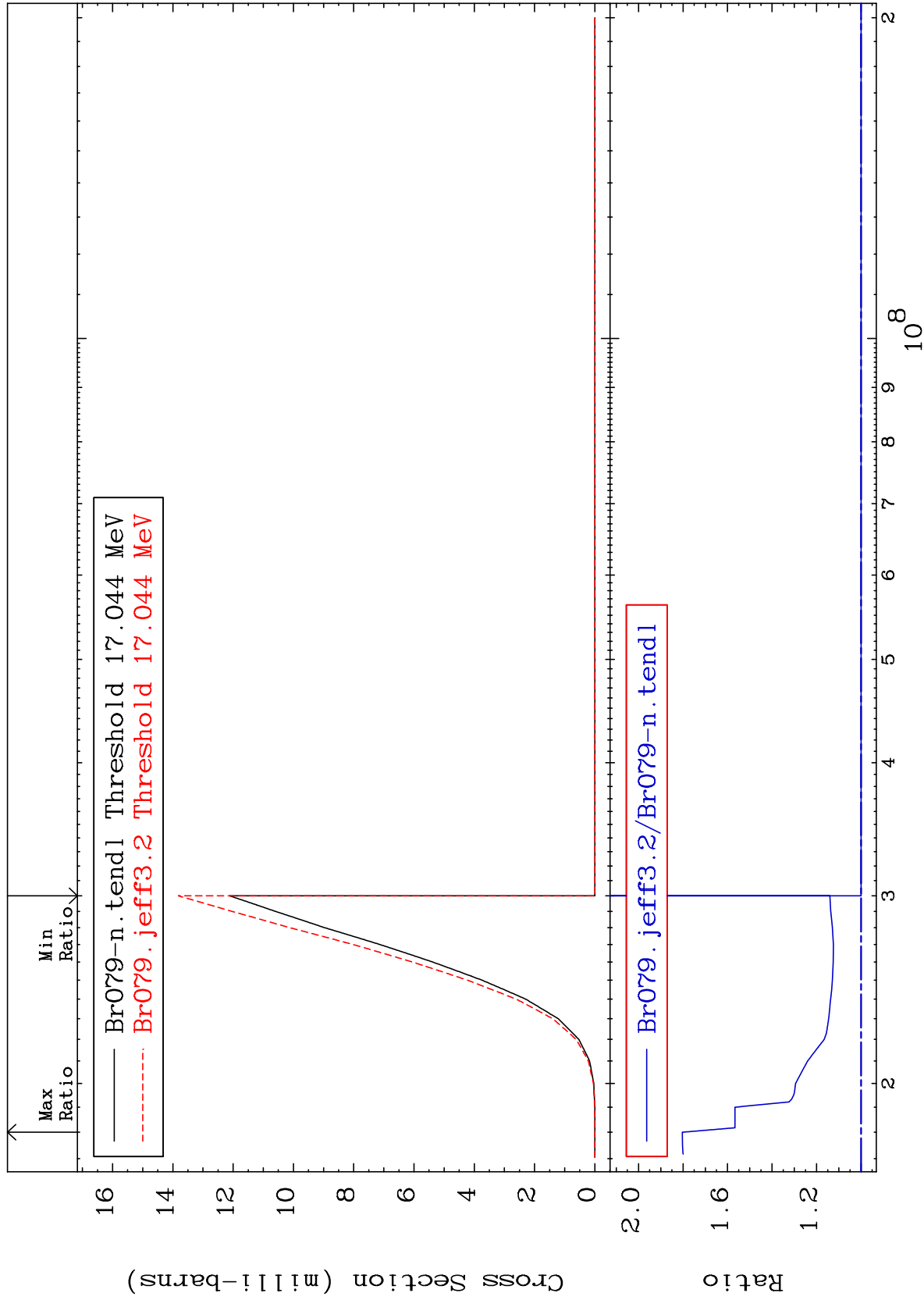


MAT 3525

35-Br-79

(n,2n) p:34-Se-77g

Radionuclide Production Cross Section 0.000 To 80.32 %

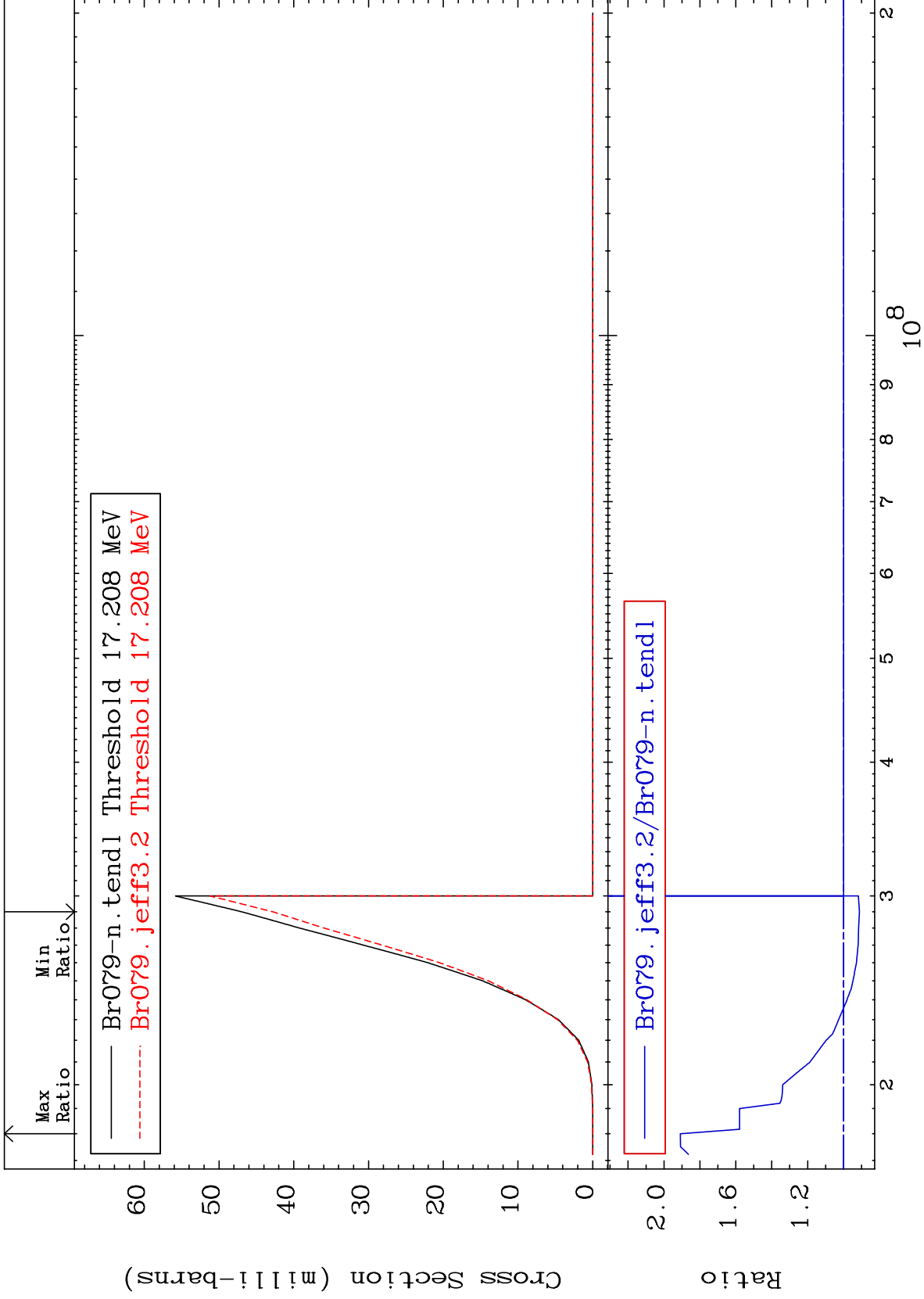


85

35-Br-79

35-Br-79

Radionuclide Production Cross Section -8.848 To 90.88 %

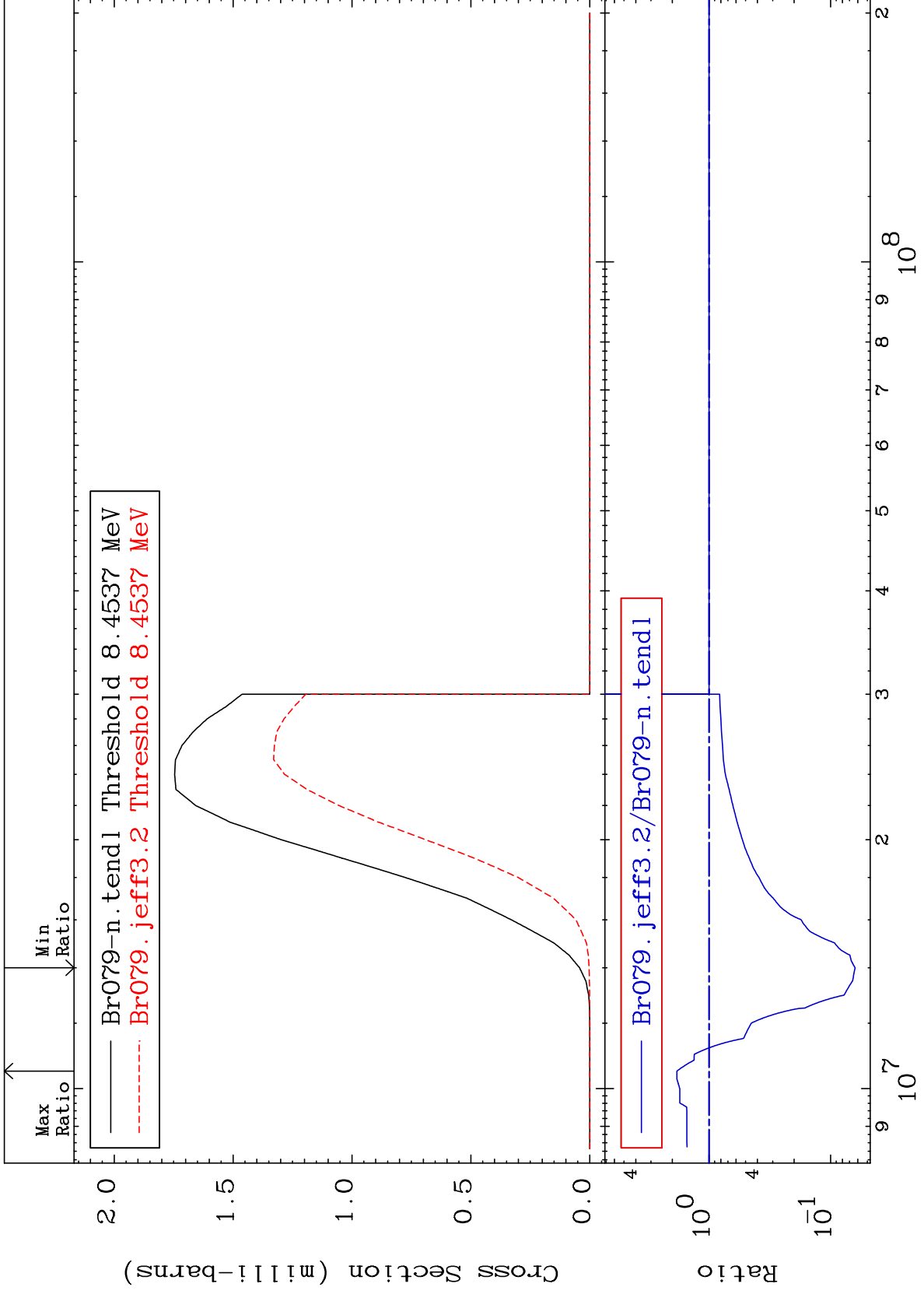


MAT 3525

(n, t):34-Se-77g

35-Br-79

Radionuclide Production Cross Section -93.70 To 83.59 %

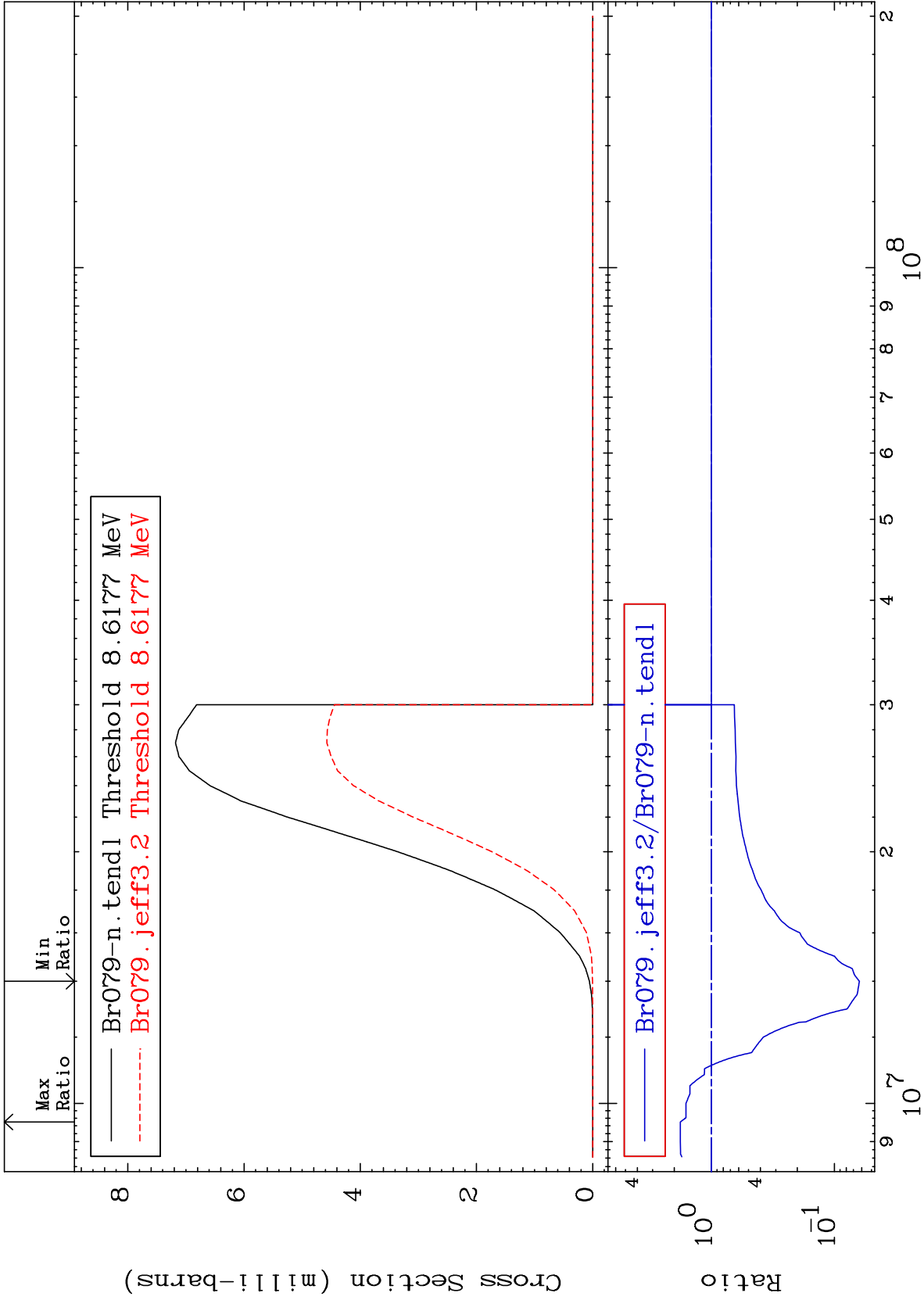


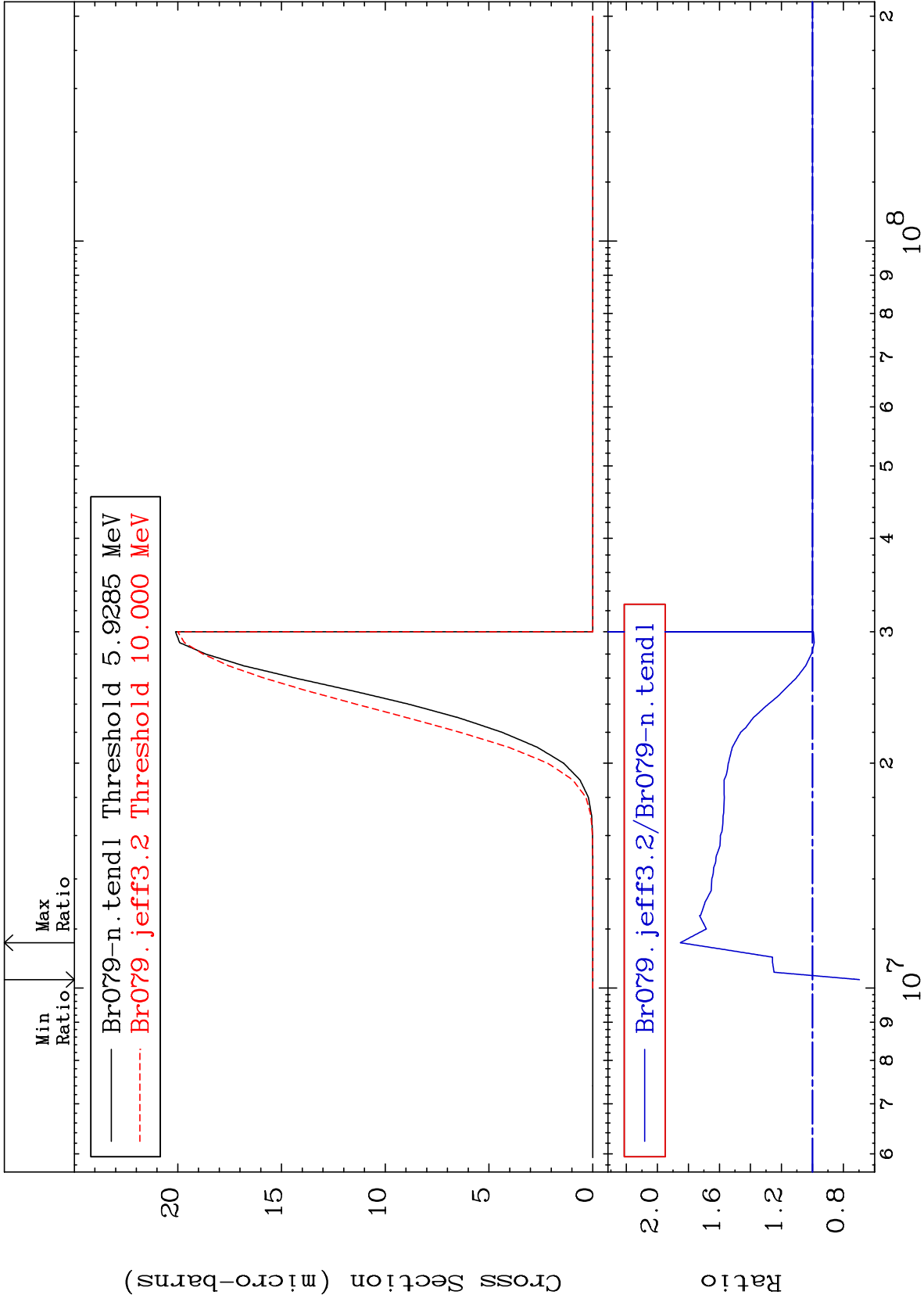
87

Incident Energy (eV)

35-Br-79

Radionuclide Production Cross Section -93.74 To 78.70 %





Radionuclide Production Cross Section -52.00 To 71.40 %

