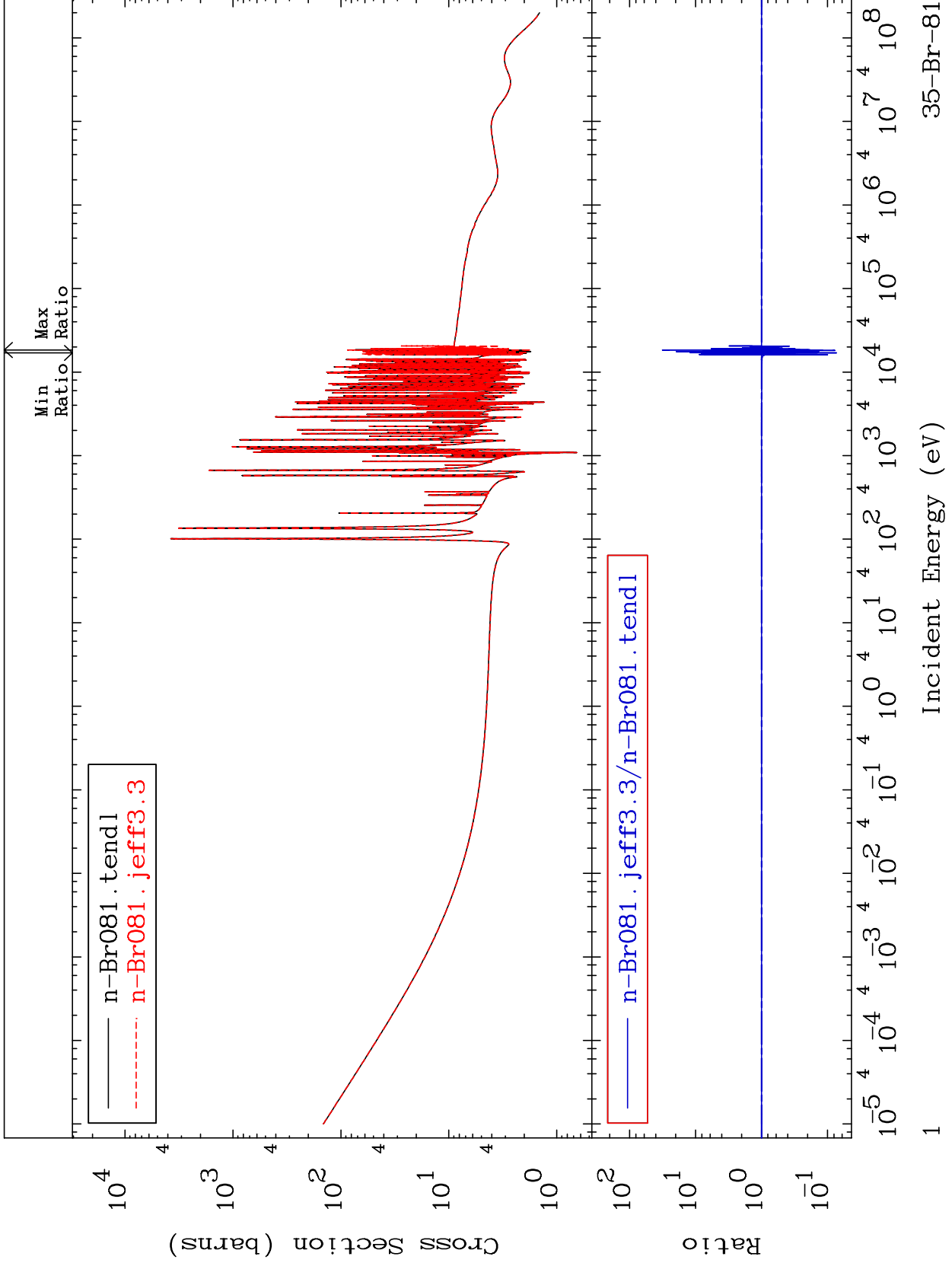


MAT 3531

Total
Cross Section

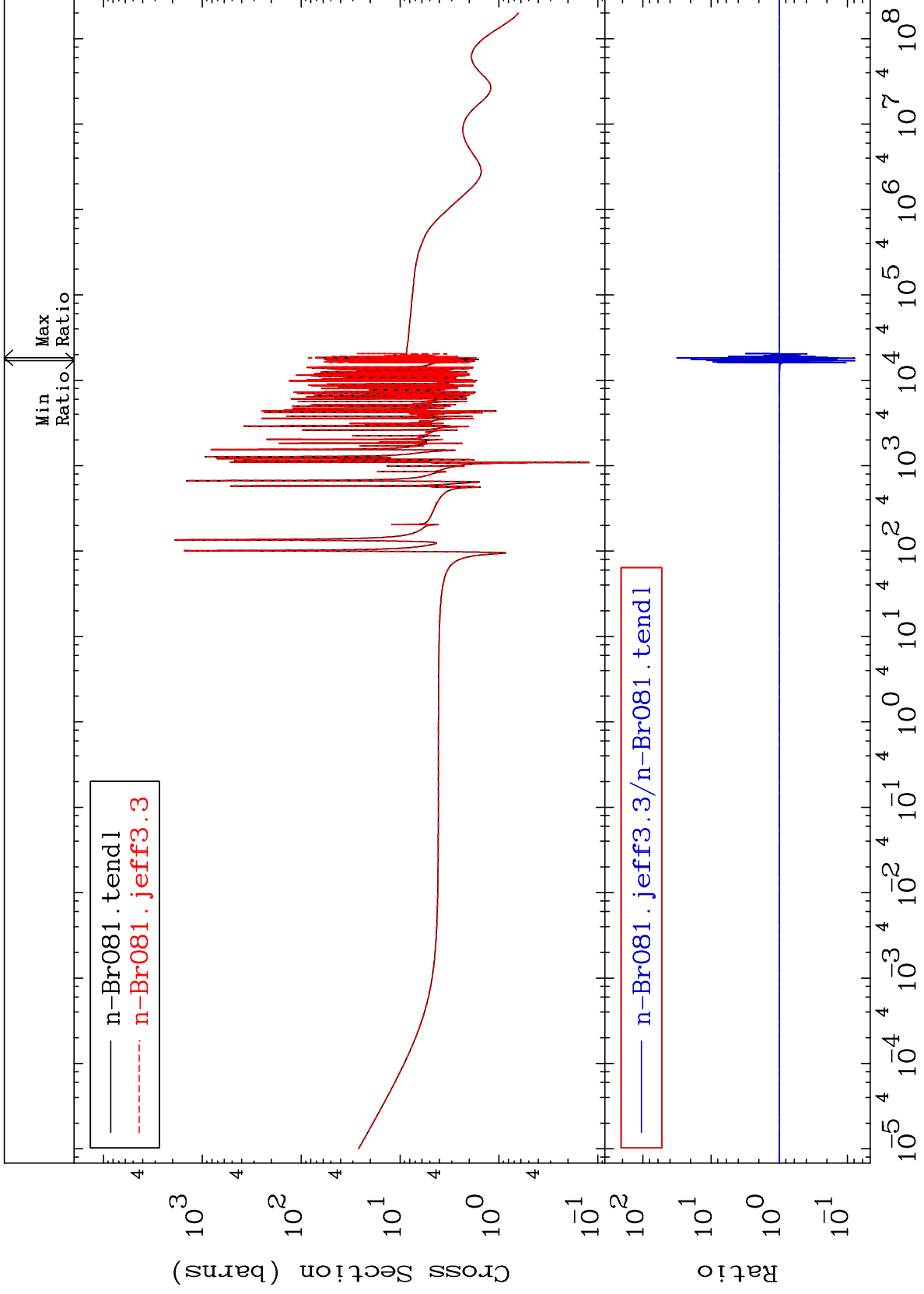
35-Br-81
-92.72 To 3083. %



MAT 3531

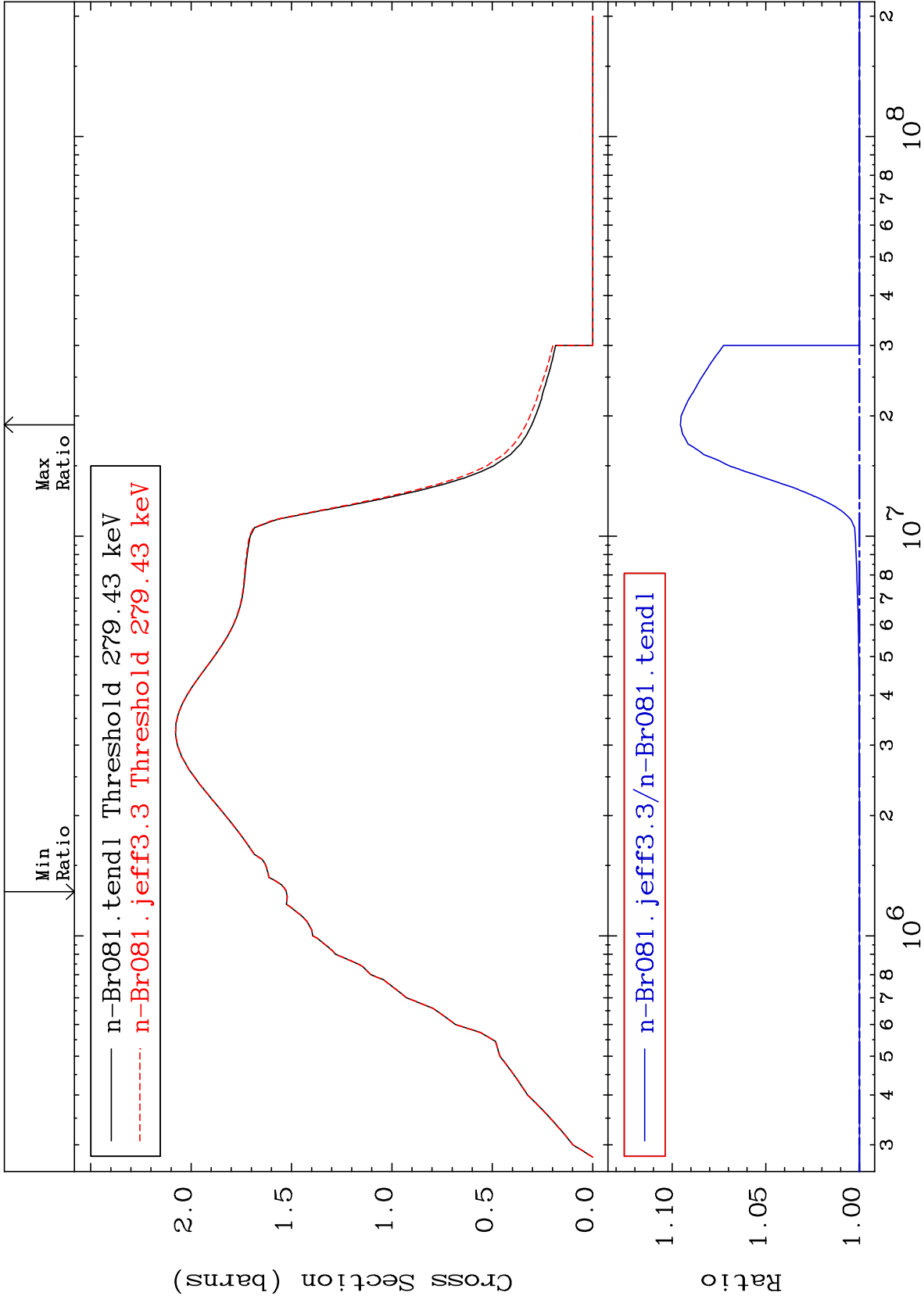
Elastic
Cross Section

35-Br-81
-92.28 To 3073. %



MAT 3531

Inelastic Cross Section 35-Br-81 To 9.565 %



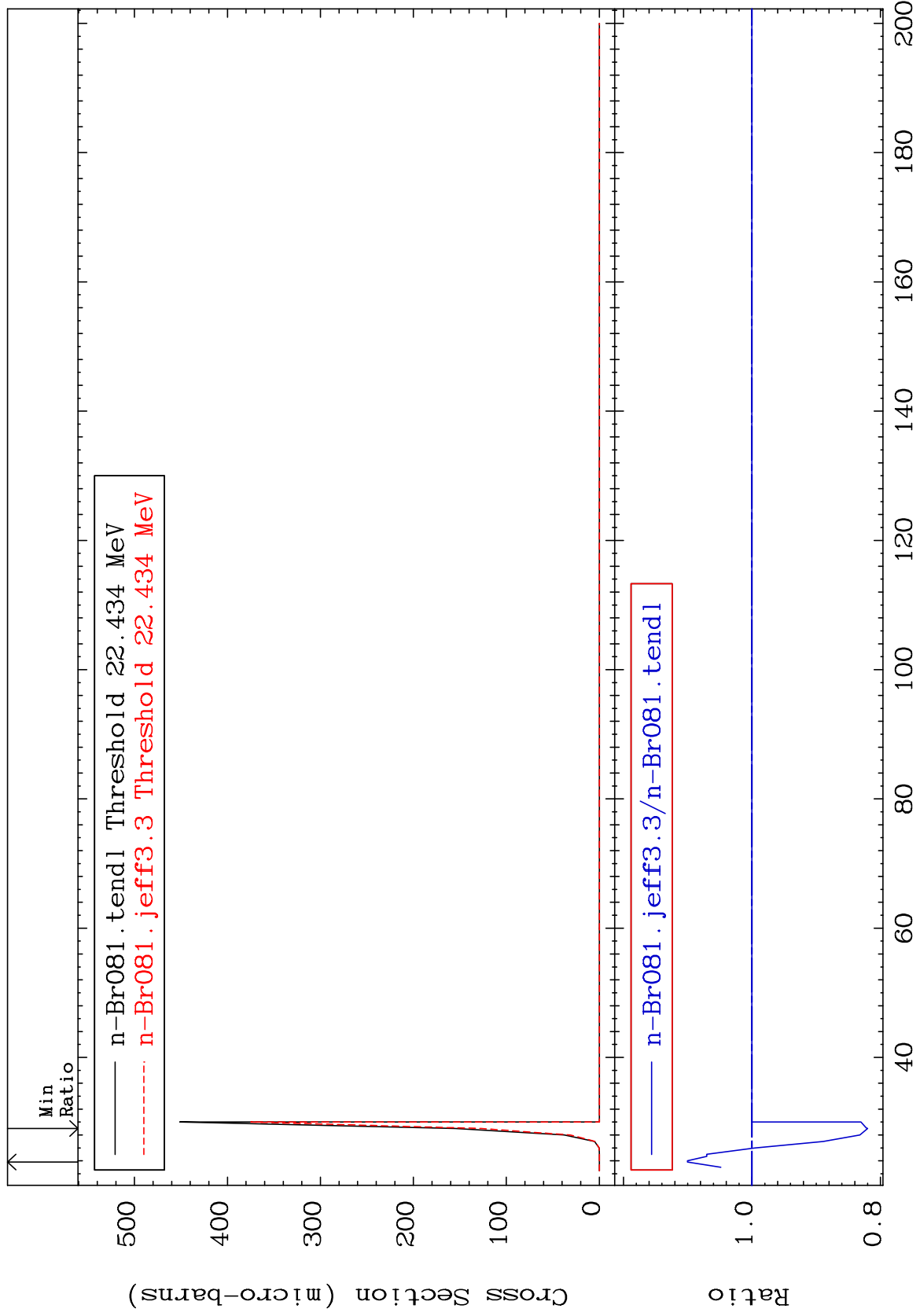
3

35-Br-81

MAT 3531

(n,2n) d
Cross Section

³⁵Br-81
-18.00 To 10.03 %



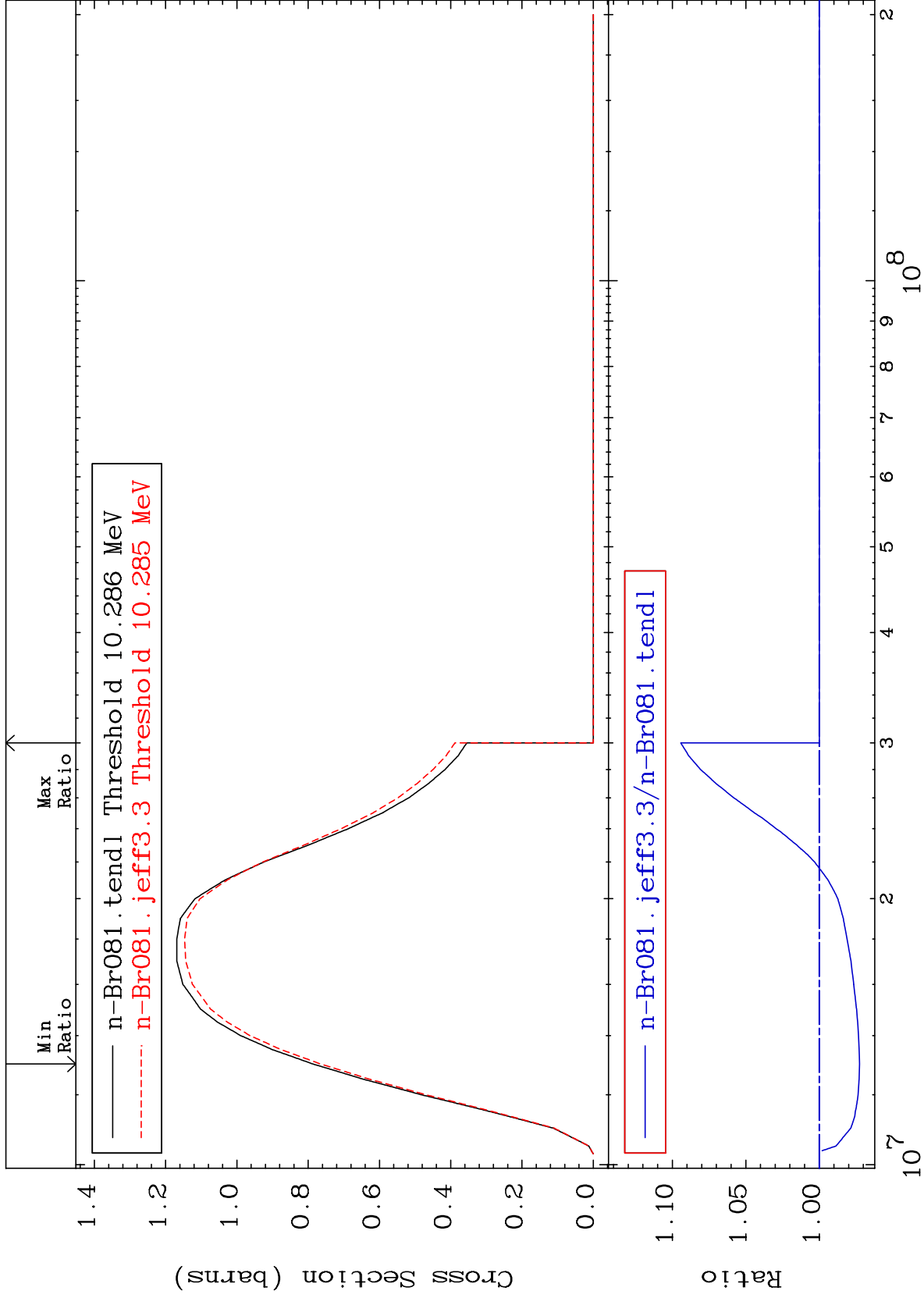
MAT 3531

(n,2n)

³⁵Br-81

Cross Section

-2.740 To 9.424 %



Incident Energy (eV)

³⁵Br-81

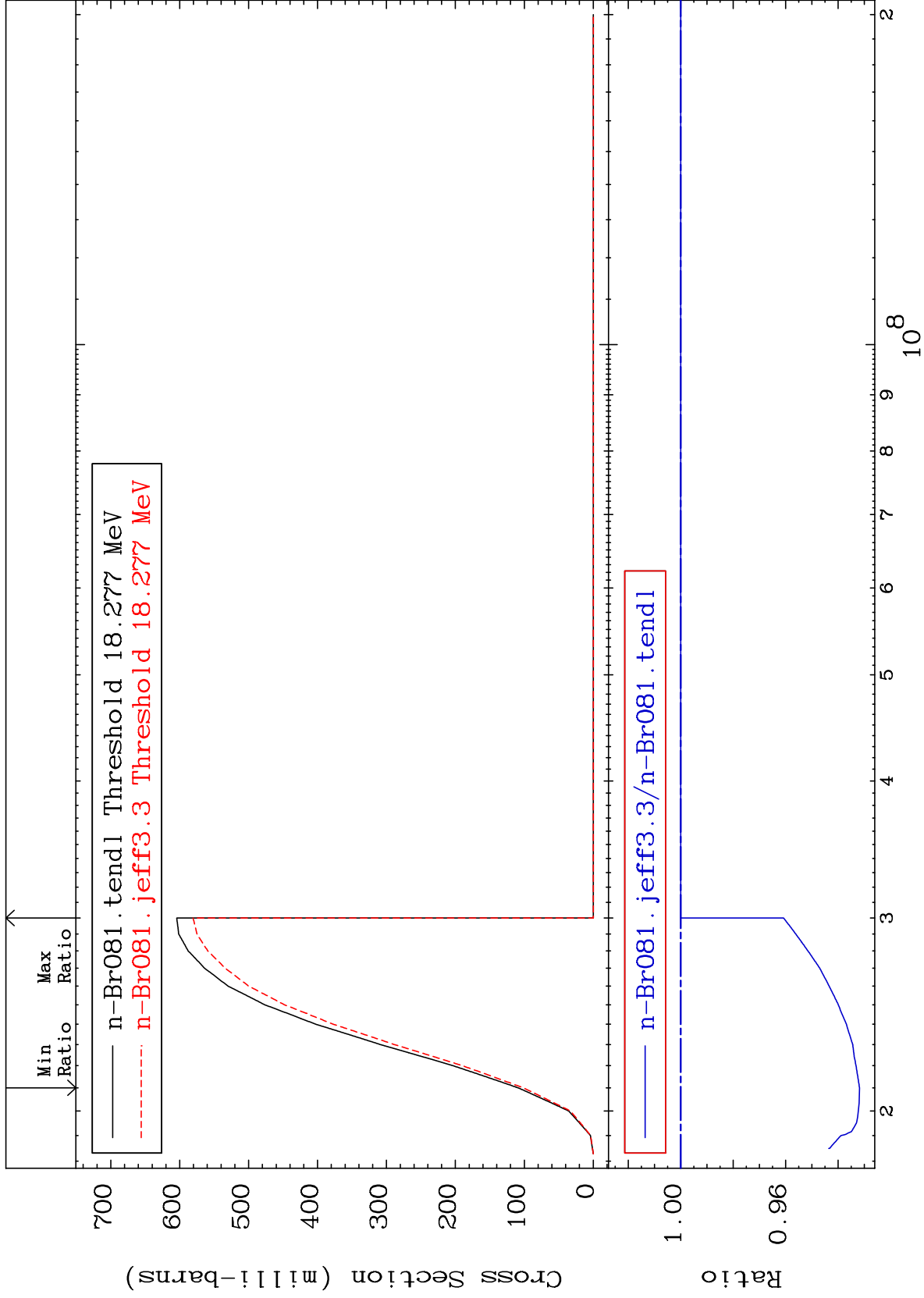
MAT 3531

(n,3n)

³⁵Br-81

Cross Section

-6.815 To 0.000 %



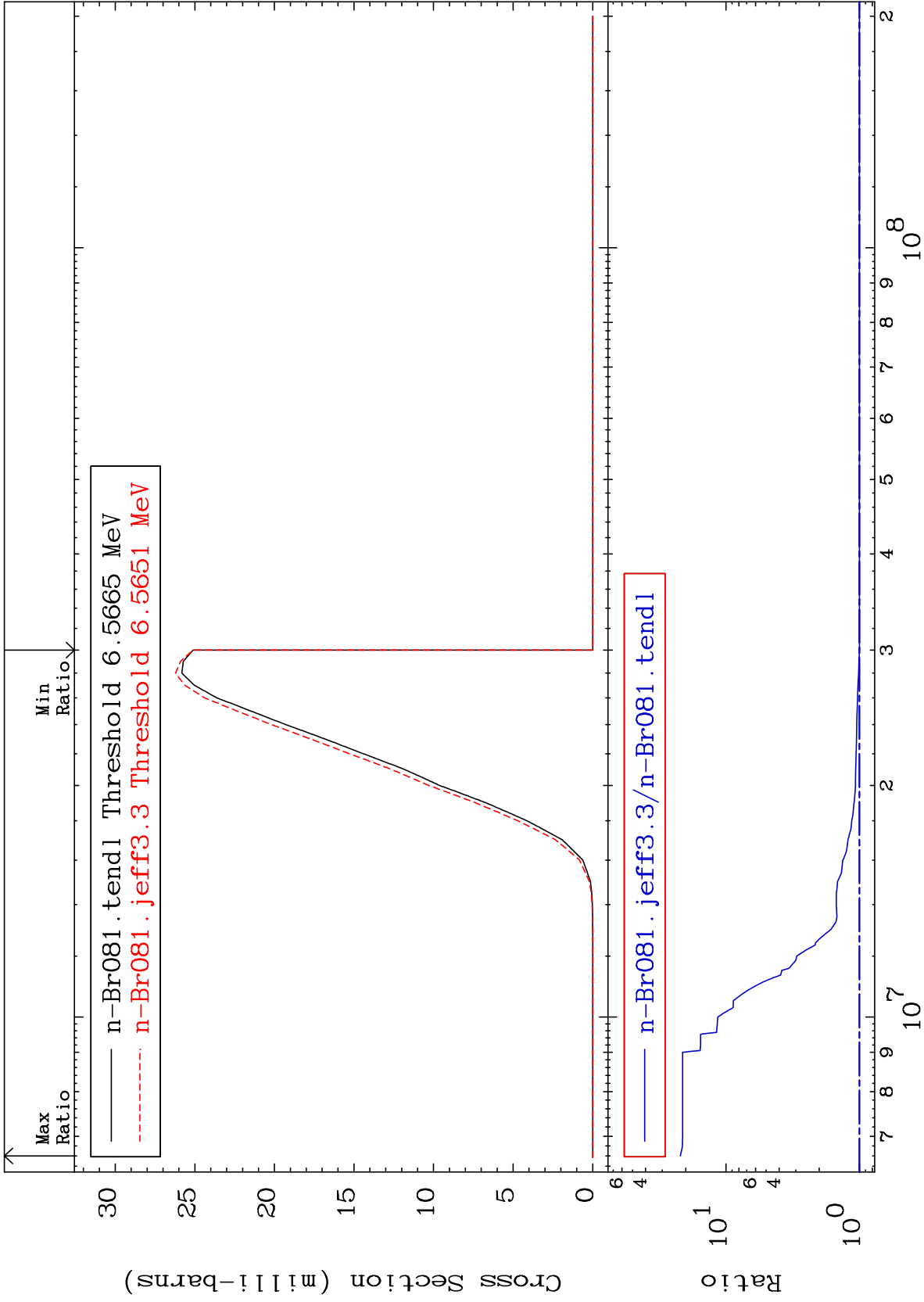
6

Incident Energy (eV)

³⁵Br-81

MAT 3531

(n,n') α
Cross Section
0.000 To 2094. %
35-Br-81



7

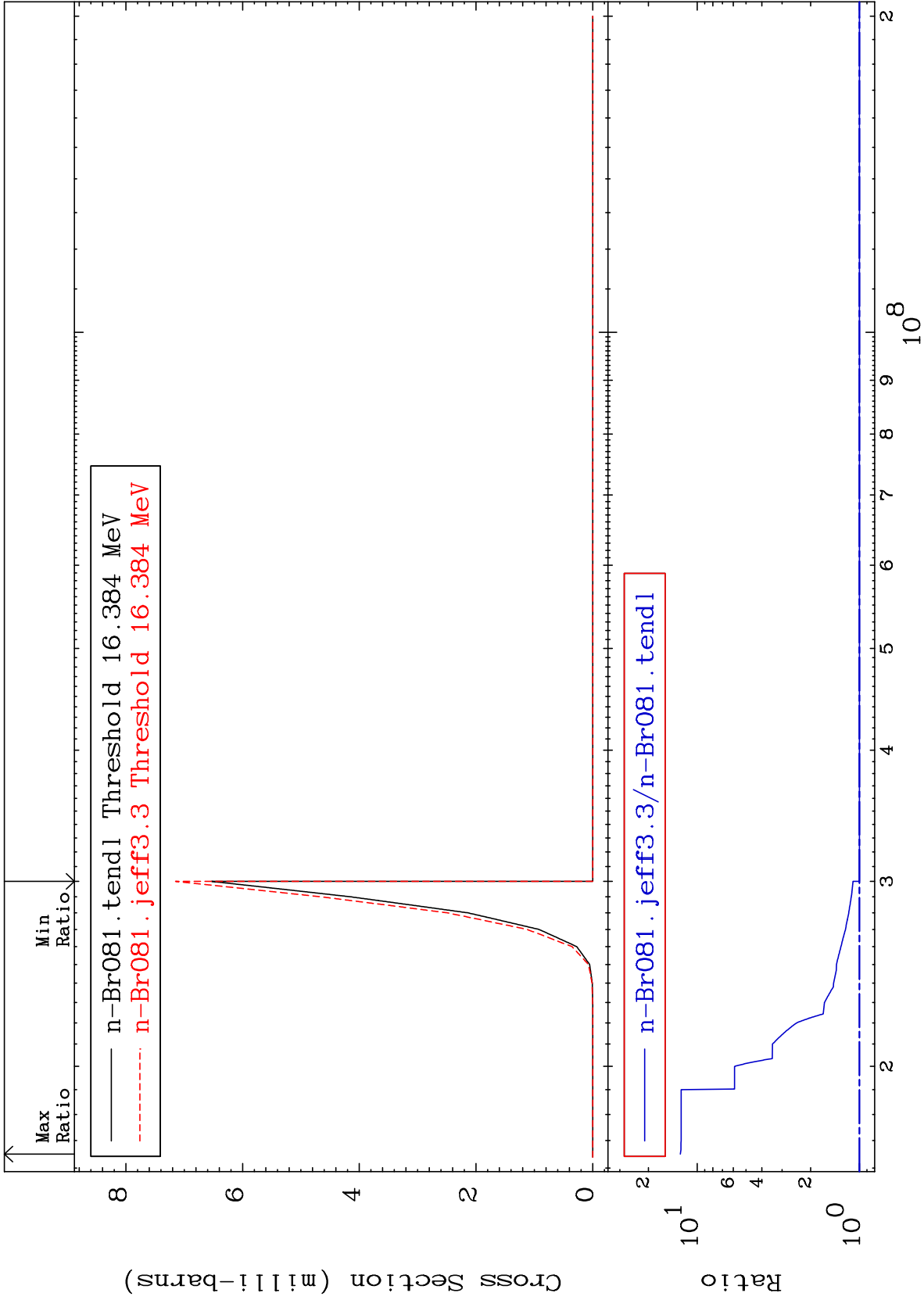
Incident Energy (eV)

35-Br-81

MAT 3531

(n,2n) α
Cross Section

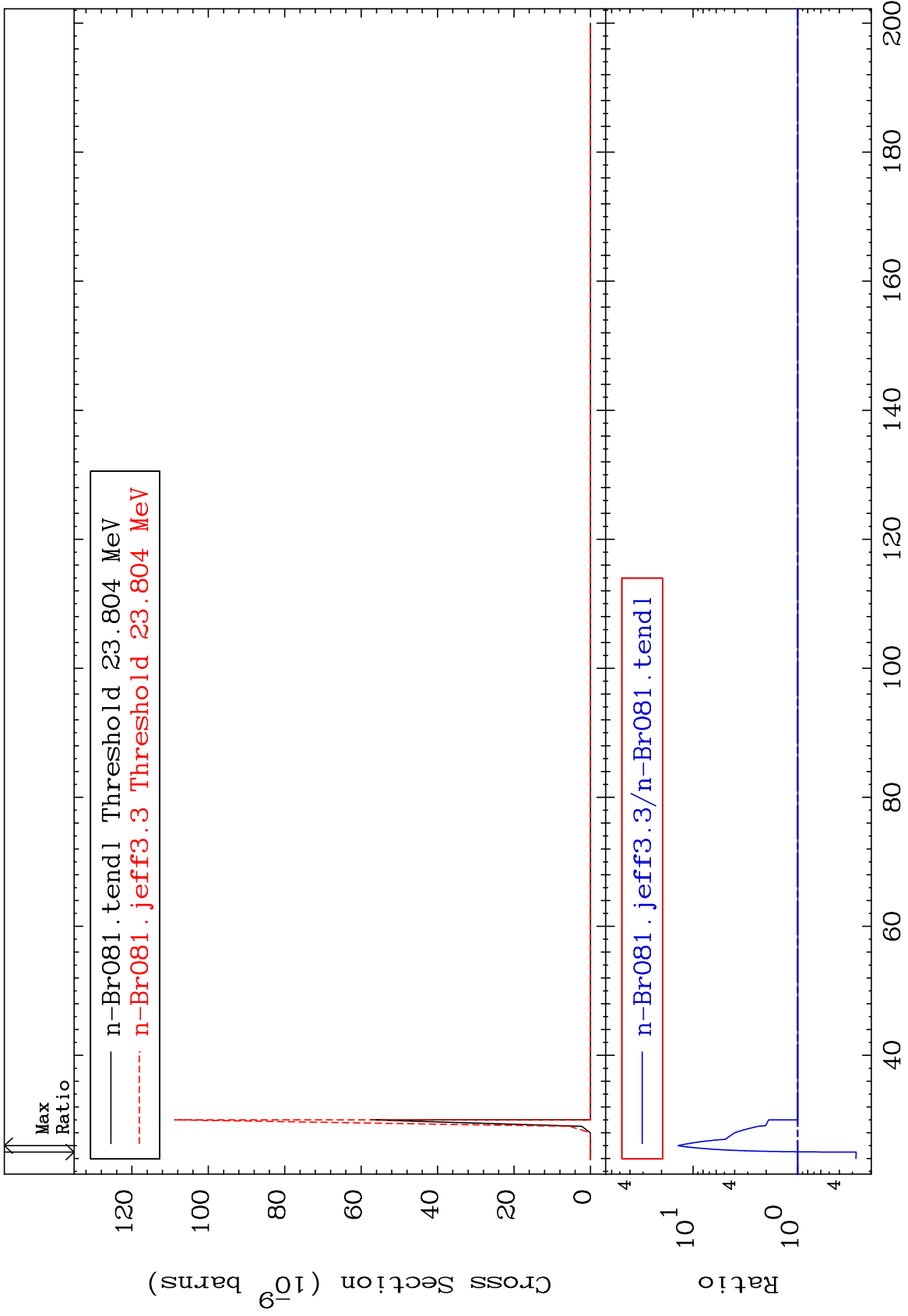
35-Br-81
To 1170. %
0.000



8

Incident Energy (eV)

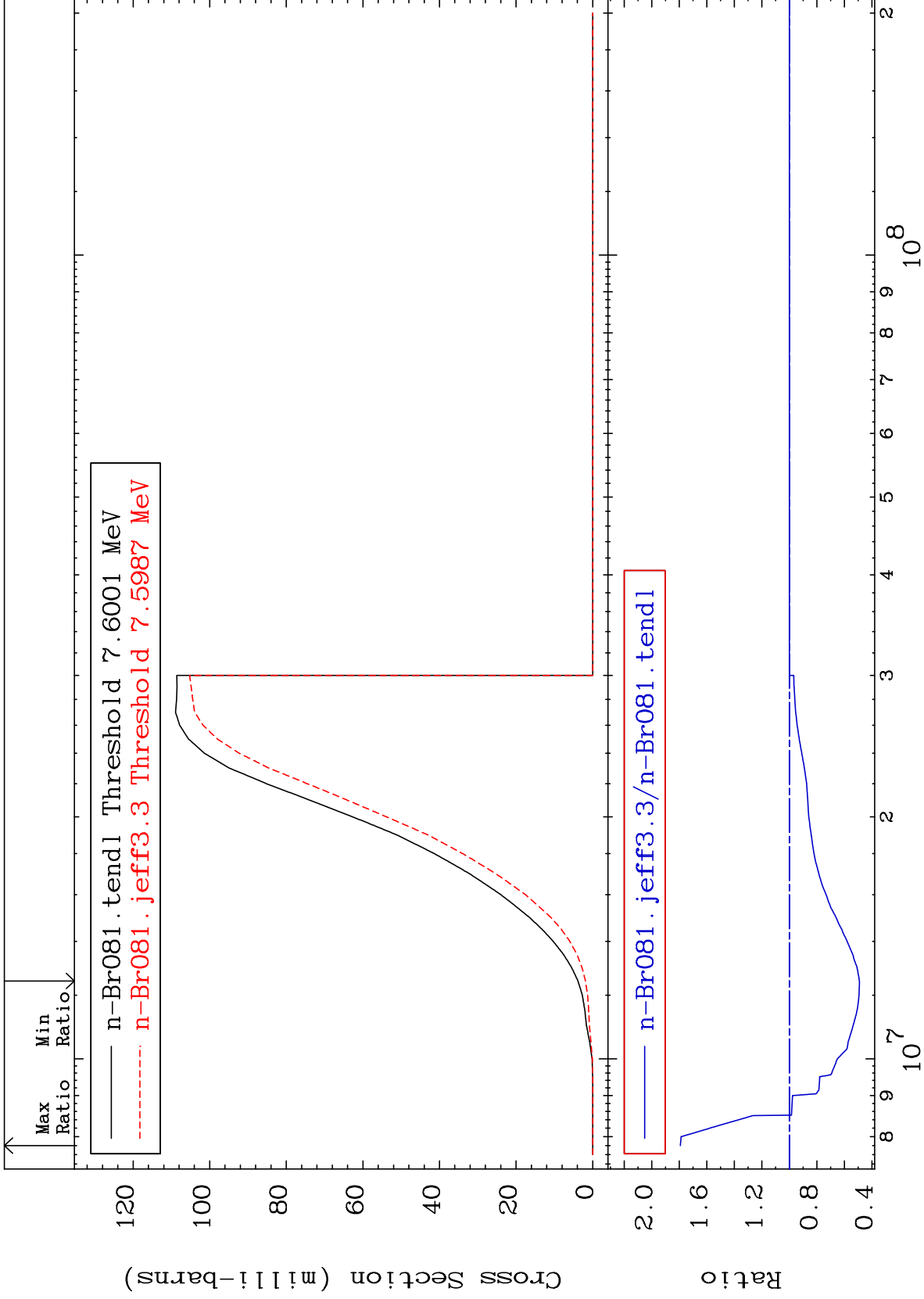
35-Br-81



MAT 3531

(n,n') p
Cross Section

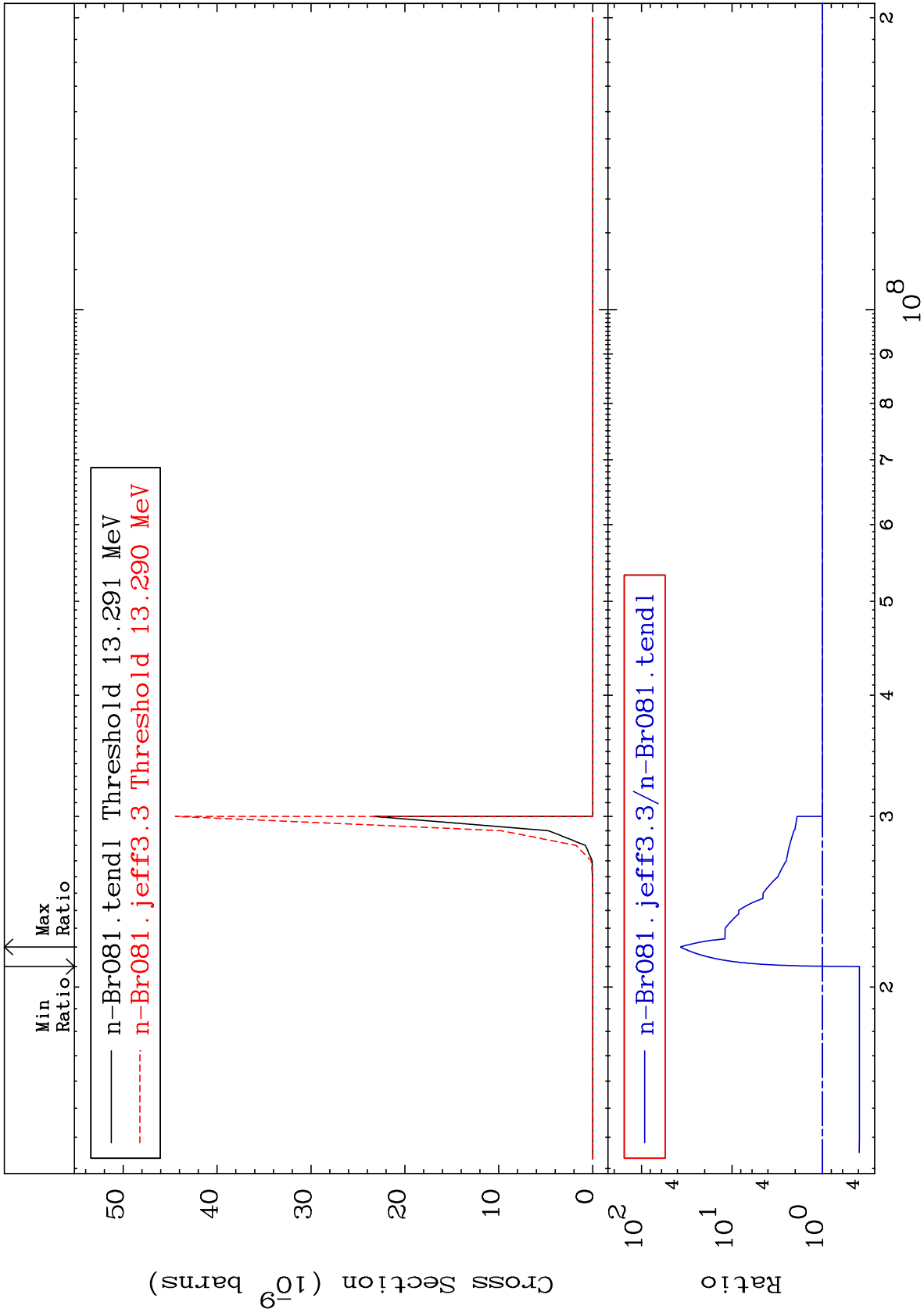
35-Br-81
-50.91 To 79.24 %



10

Incident Energy (eV)

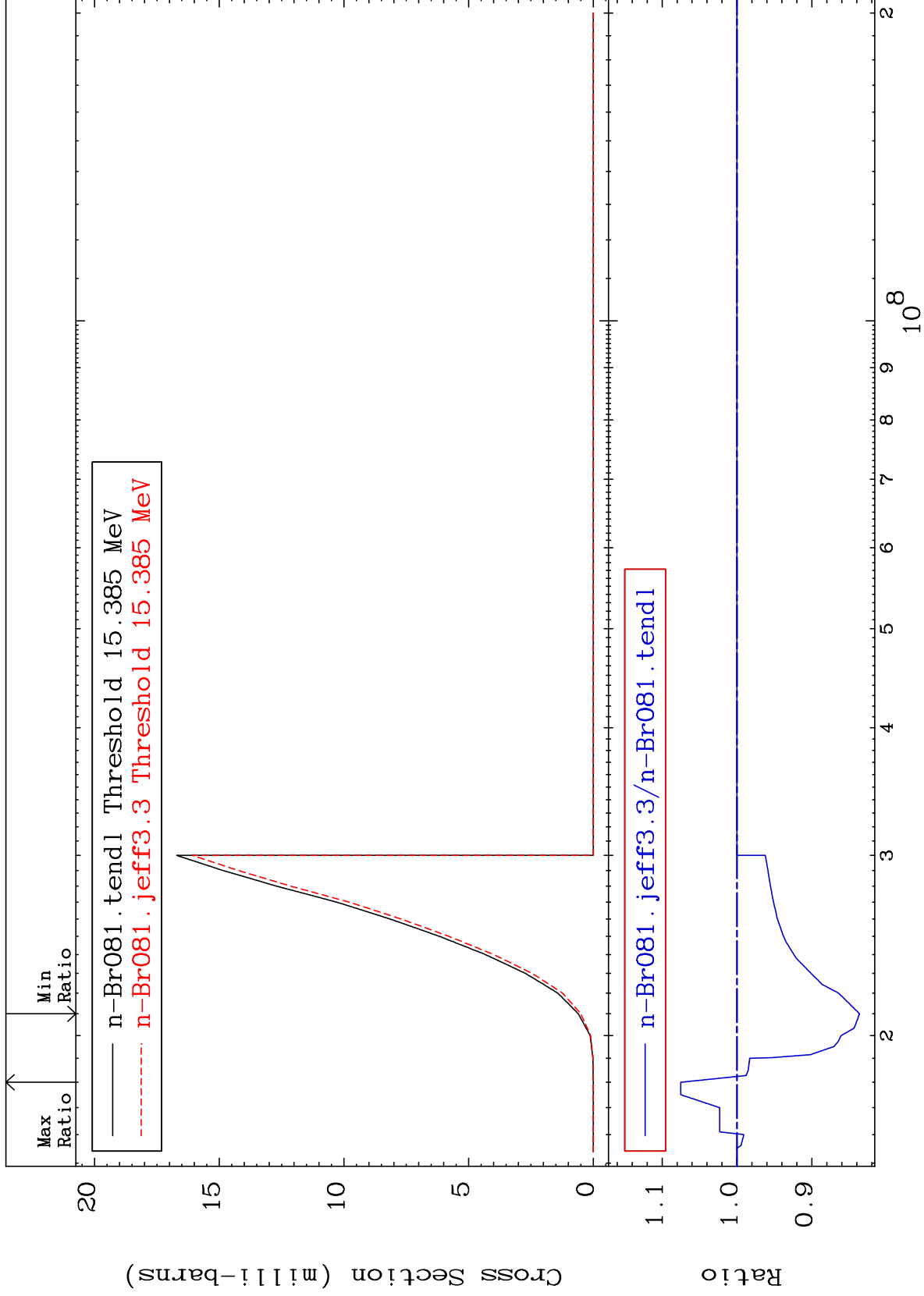
35-Br-81



MAT 3531

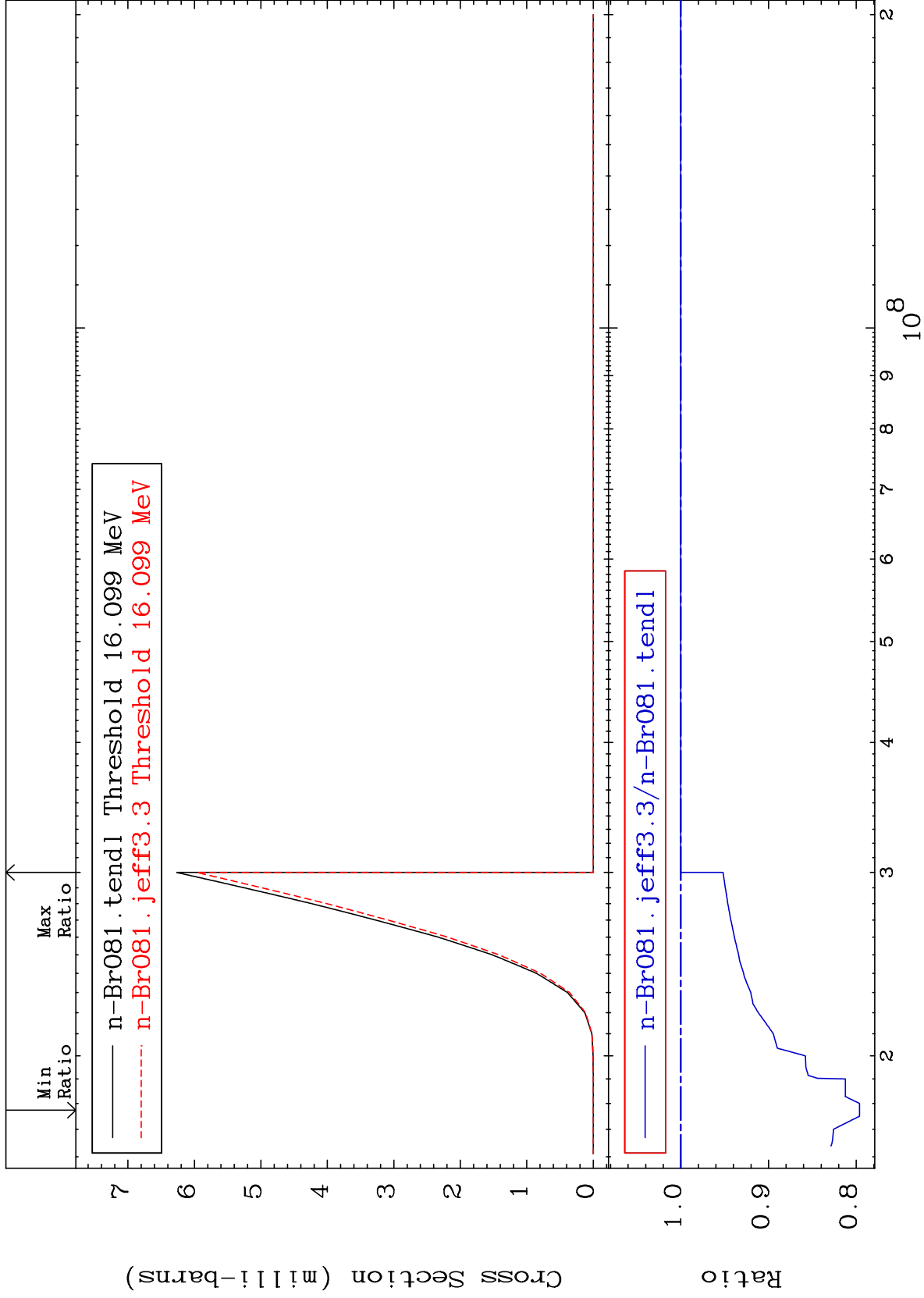
(n,n') d
Cross Section

35-Br-81
-16.37 To 7.507 %



Cross Section

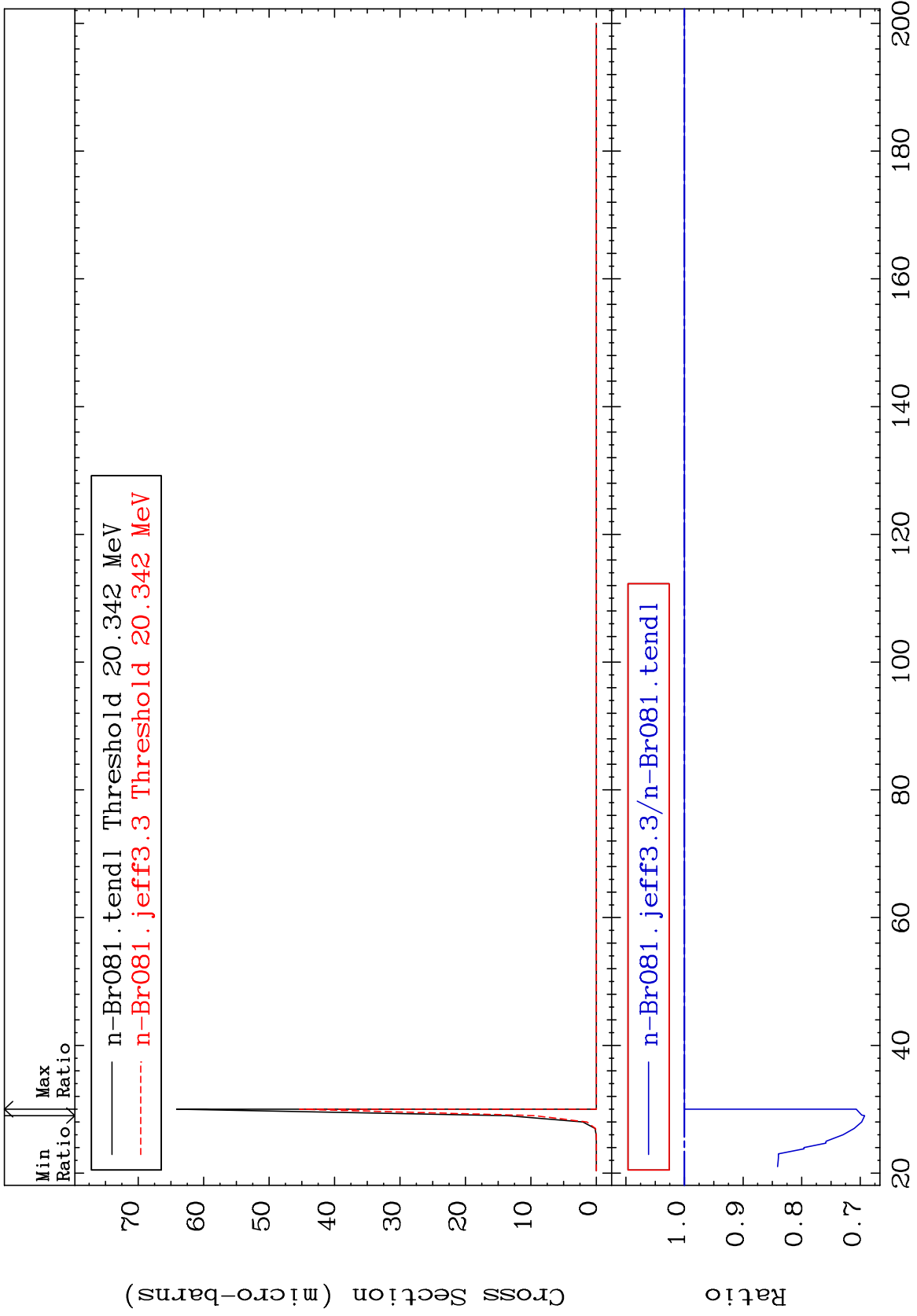
-20.37 To 0.000 %

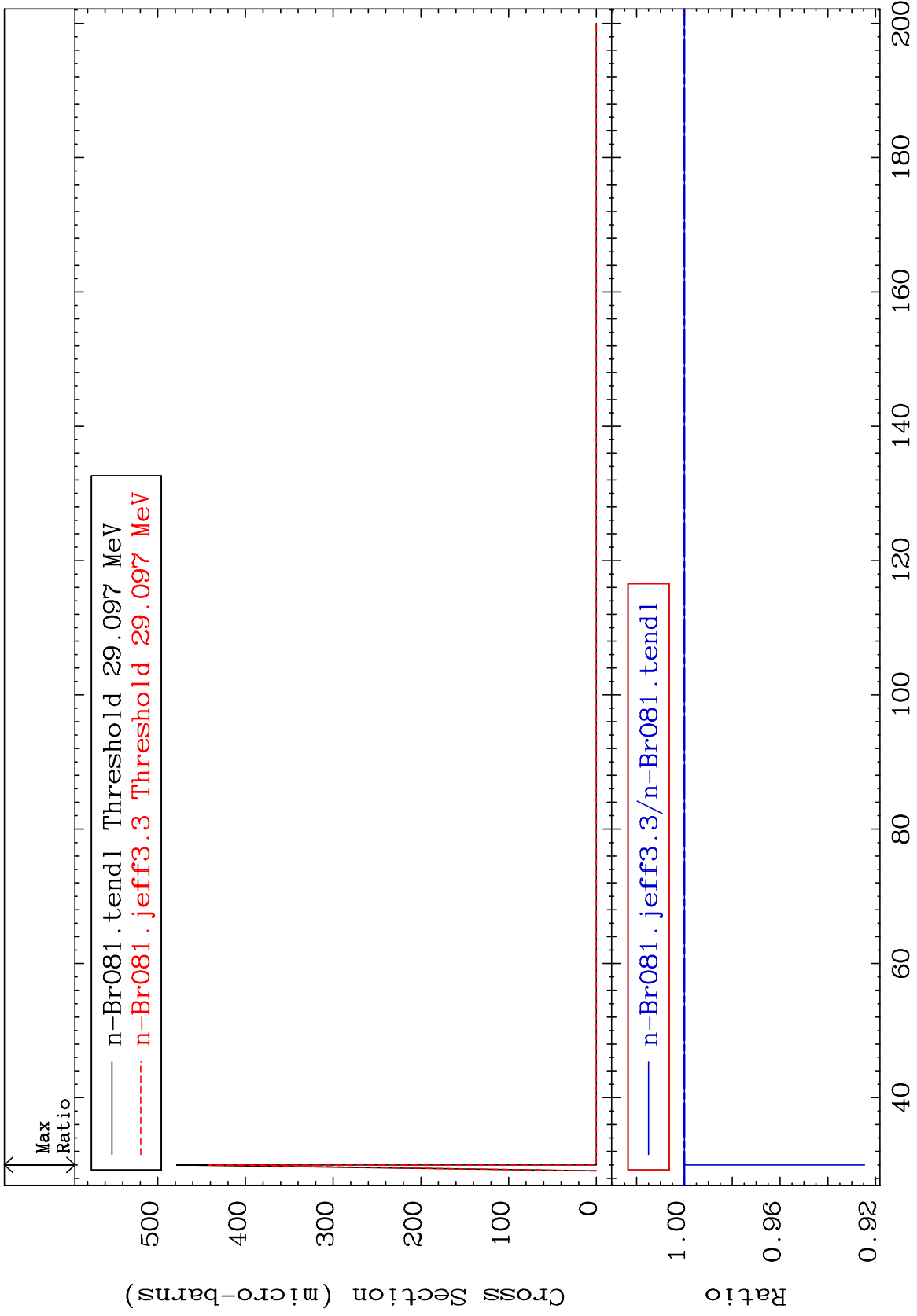


MAT 3531

(n, n') He-3
Cross Section

35-Br-81
-30.75 To 0.000 %

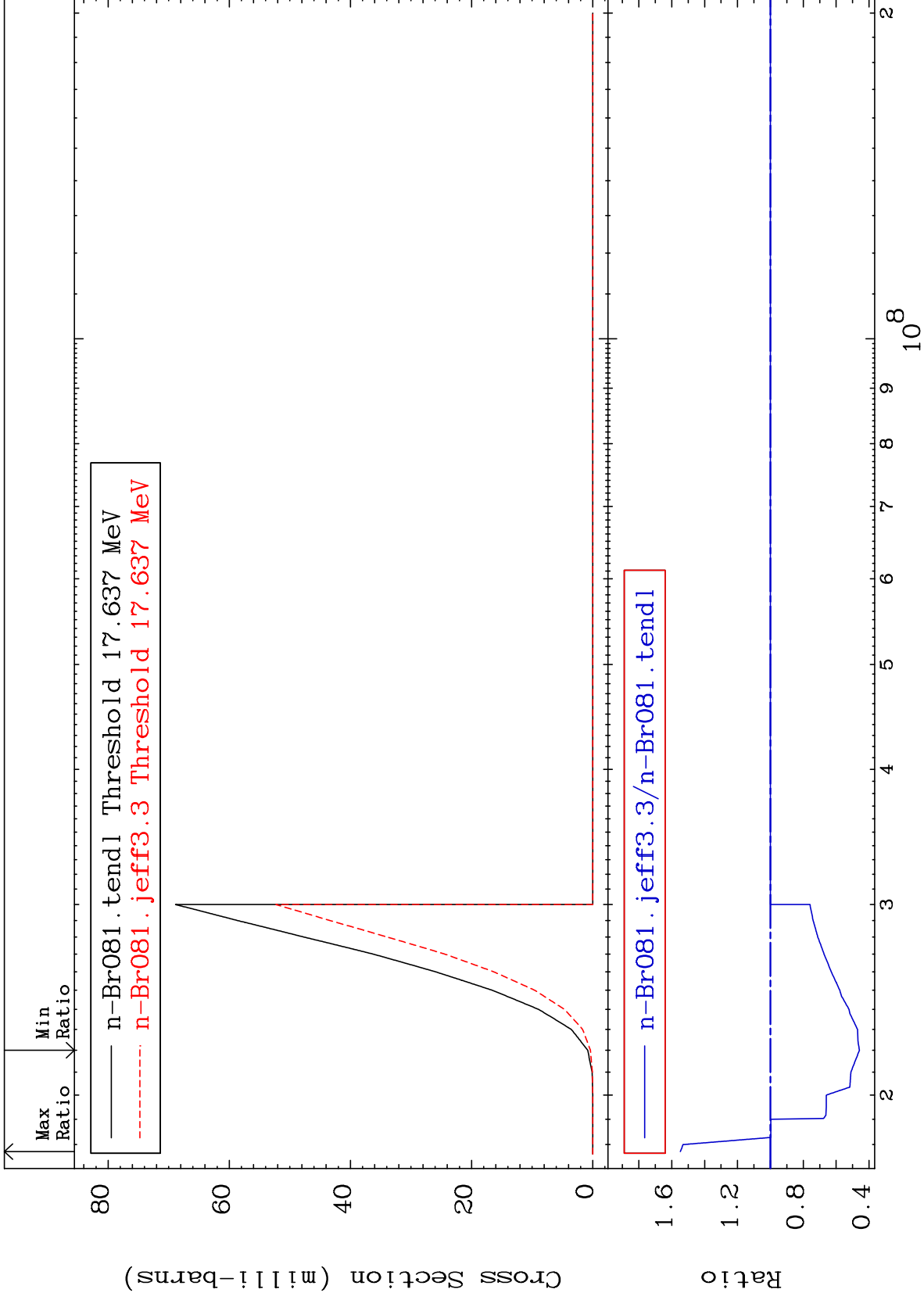




MAT 3531

(n,2n) p
Cross Section

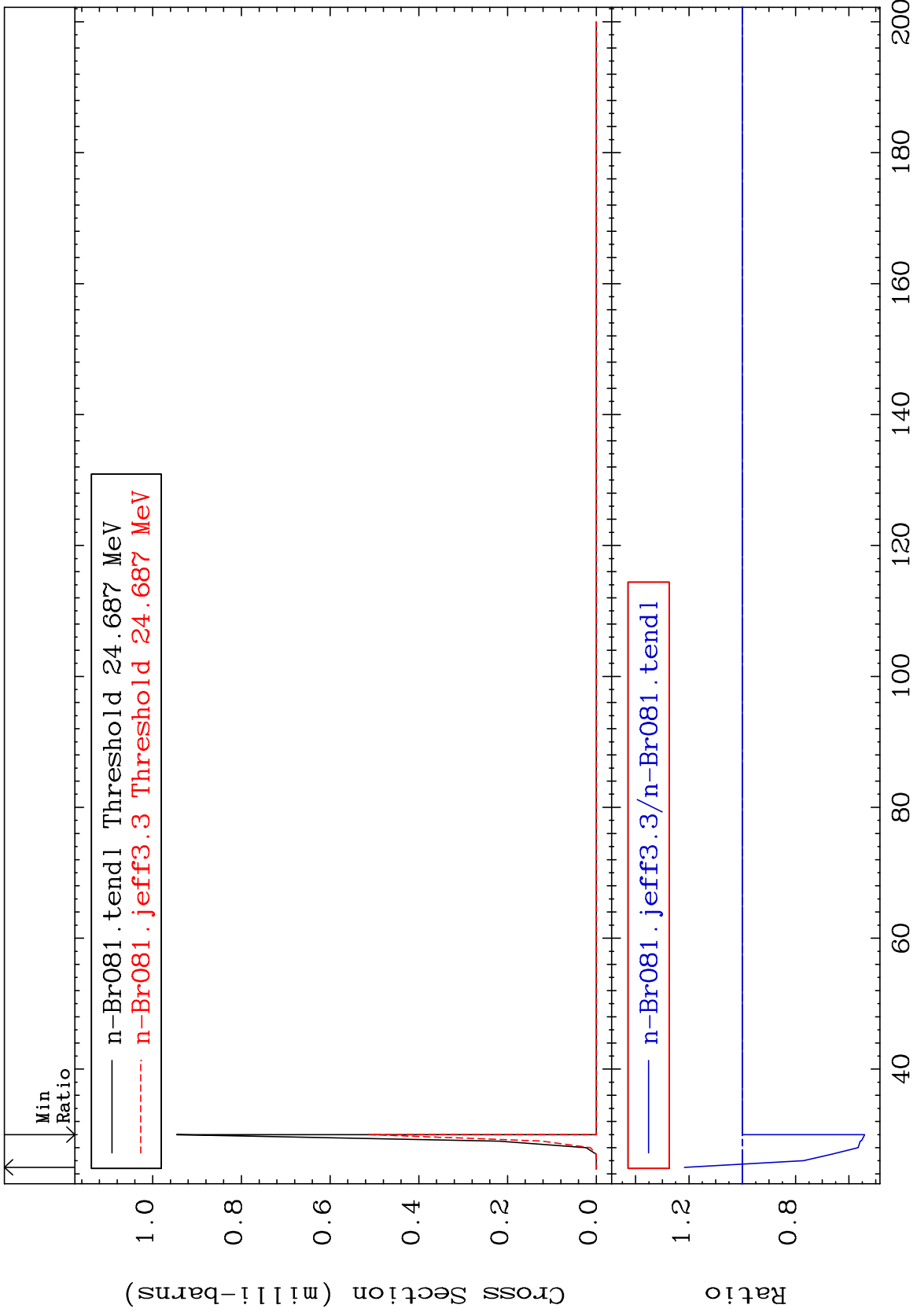
³⁵Br-81
-54.15 To 54.76 %



16

Incident Energy (eV)

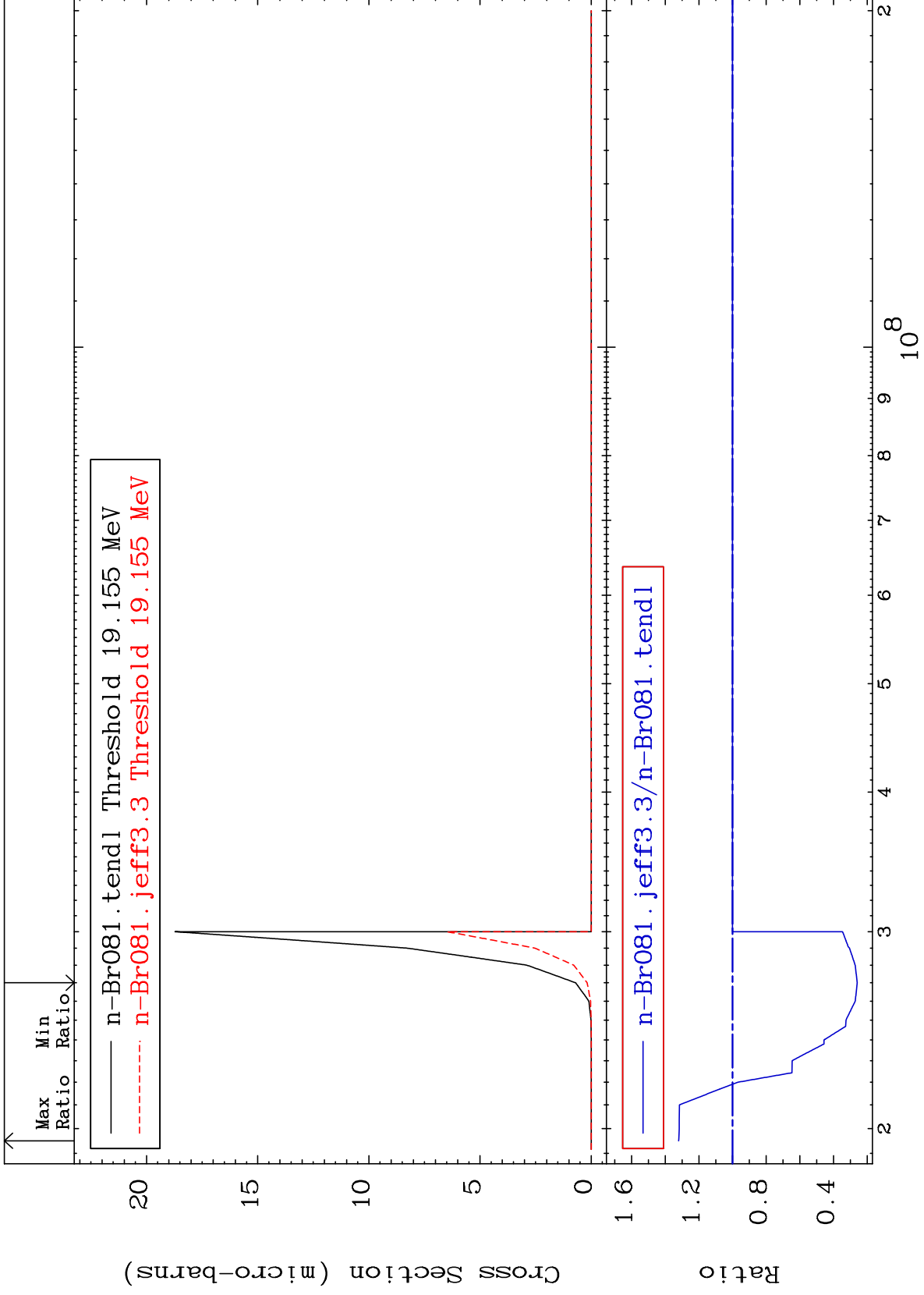
³⁵Br-81



MAT 3531

(n,2n) p
Cross Section

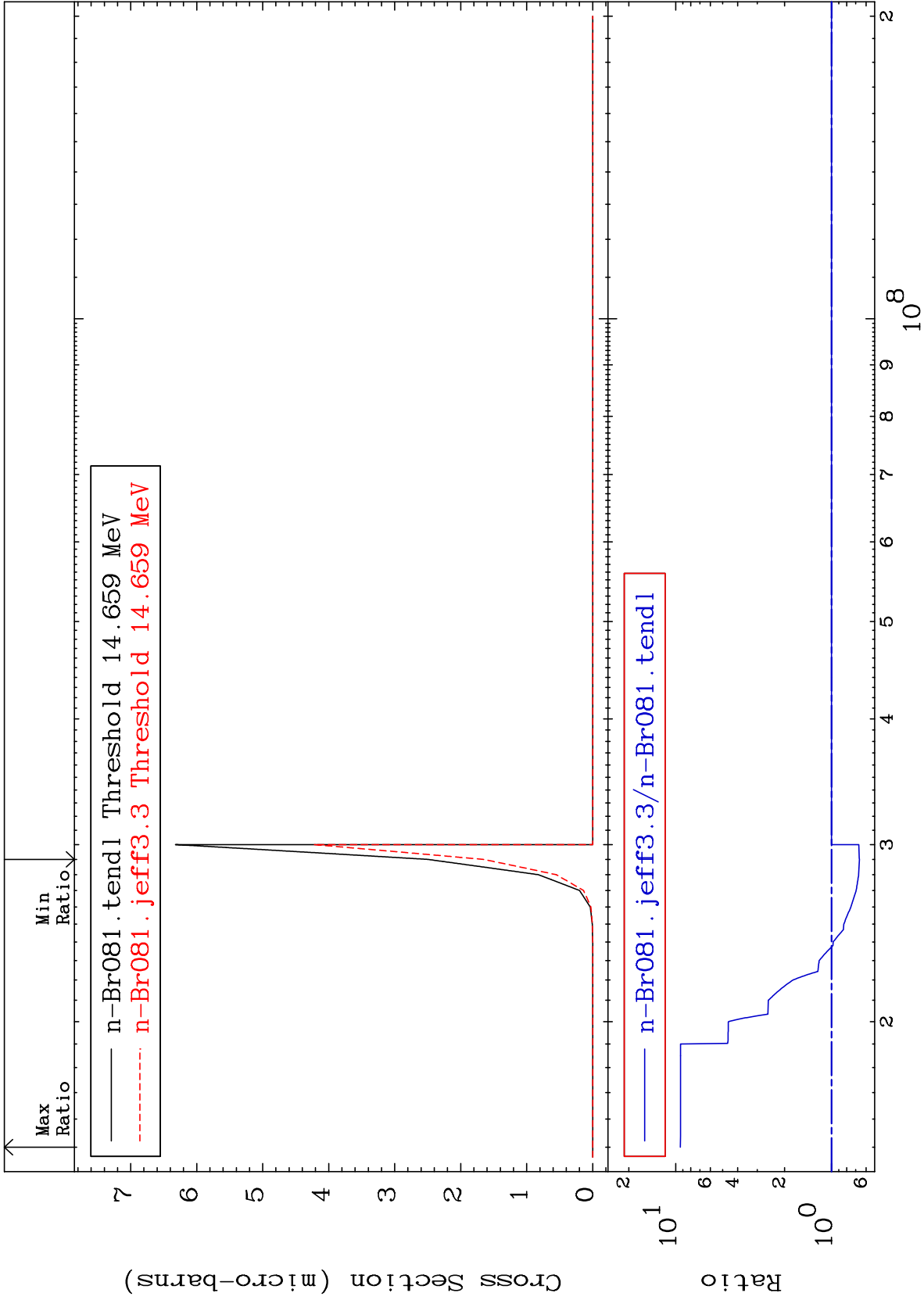
³⁵Br-81
-74.07 To 32.02 %



18

Incident Energy (eV)

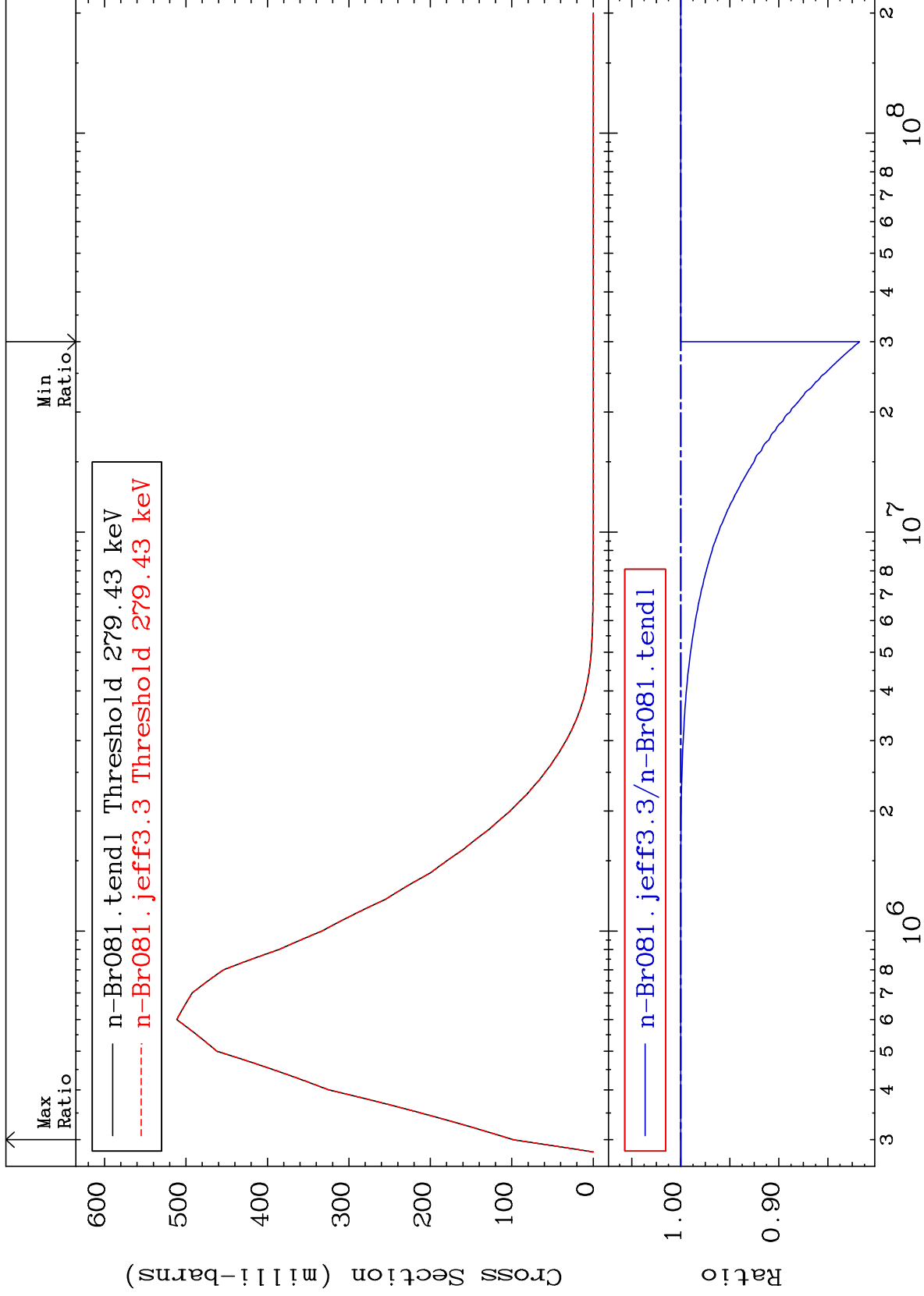
³⁵Br-81



MAT 3531

MT= 51 (n,n') Level
Cross Section

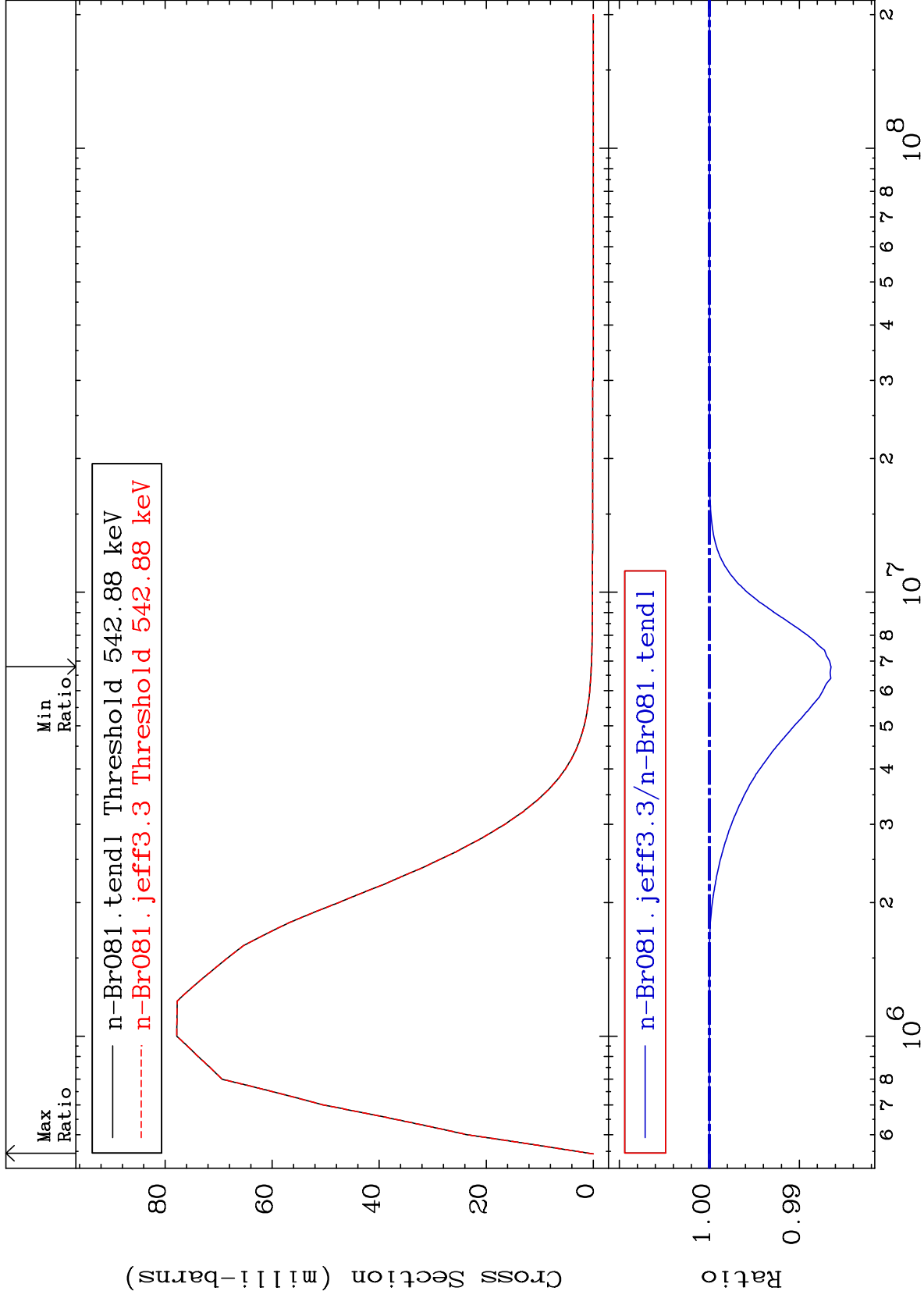
35-Br-81
-18.24 To 0.002 %



MAT 3531

MT= 52 (n,n') Level
Cross Section

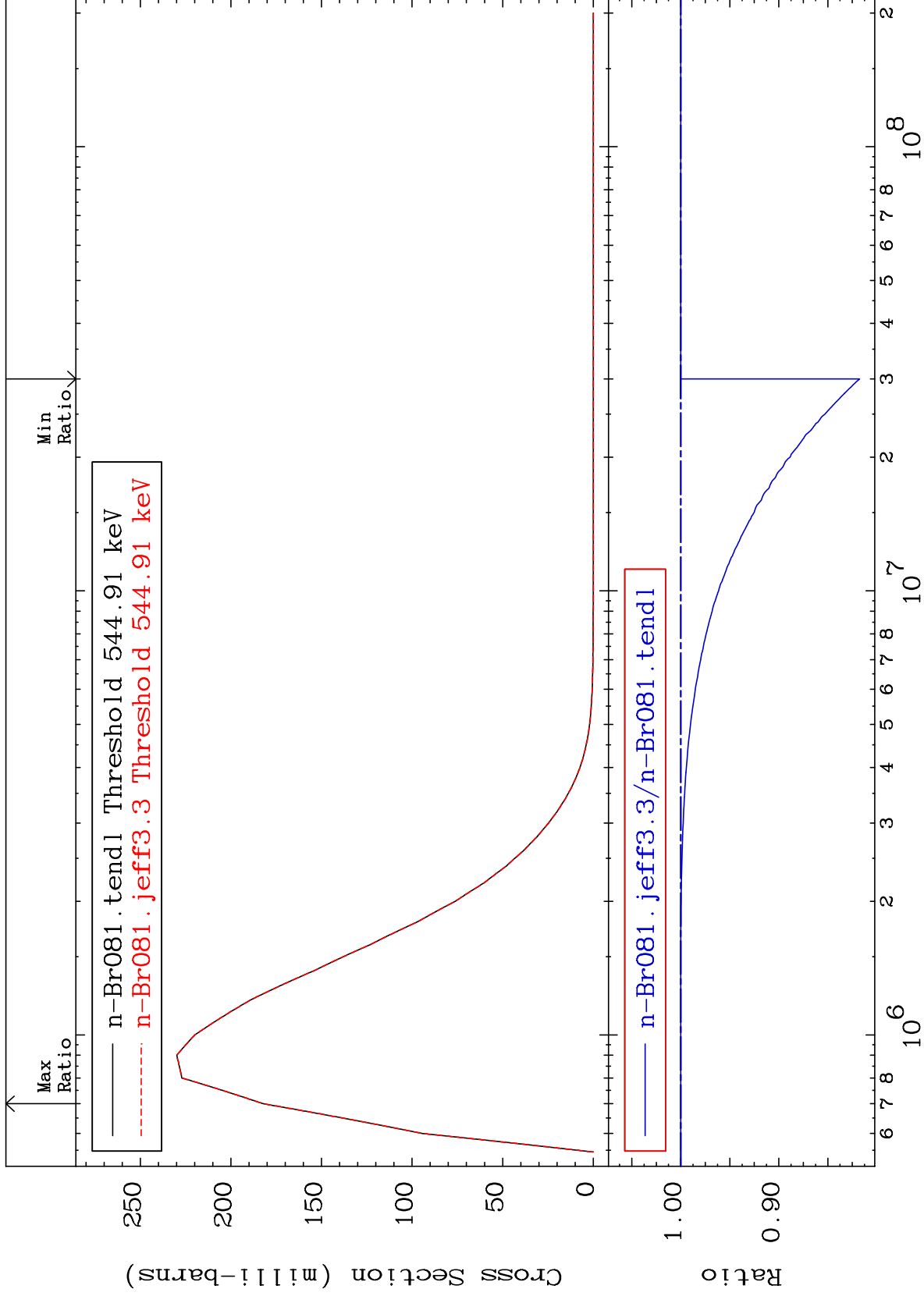
35-Br-81
-1.352 To 0.000 %



MAT 3531

MT= 53 (n,n') Level
Cross Section

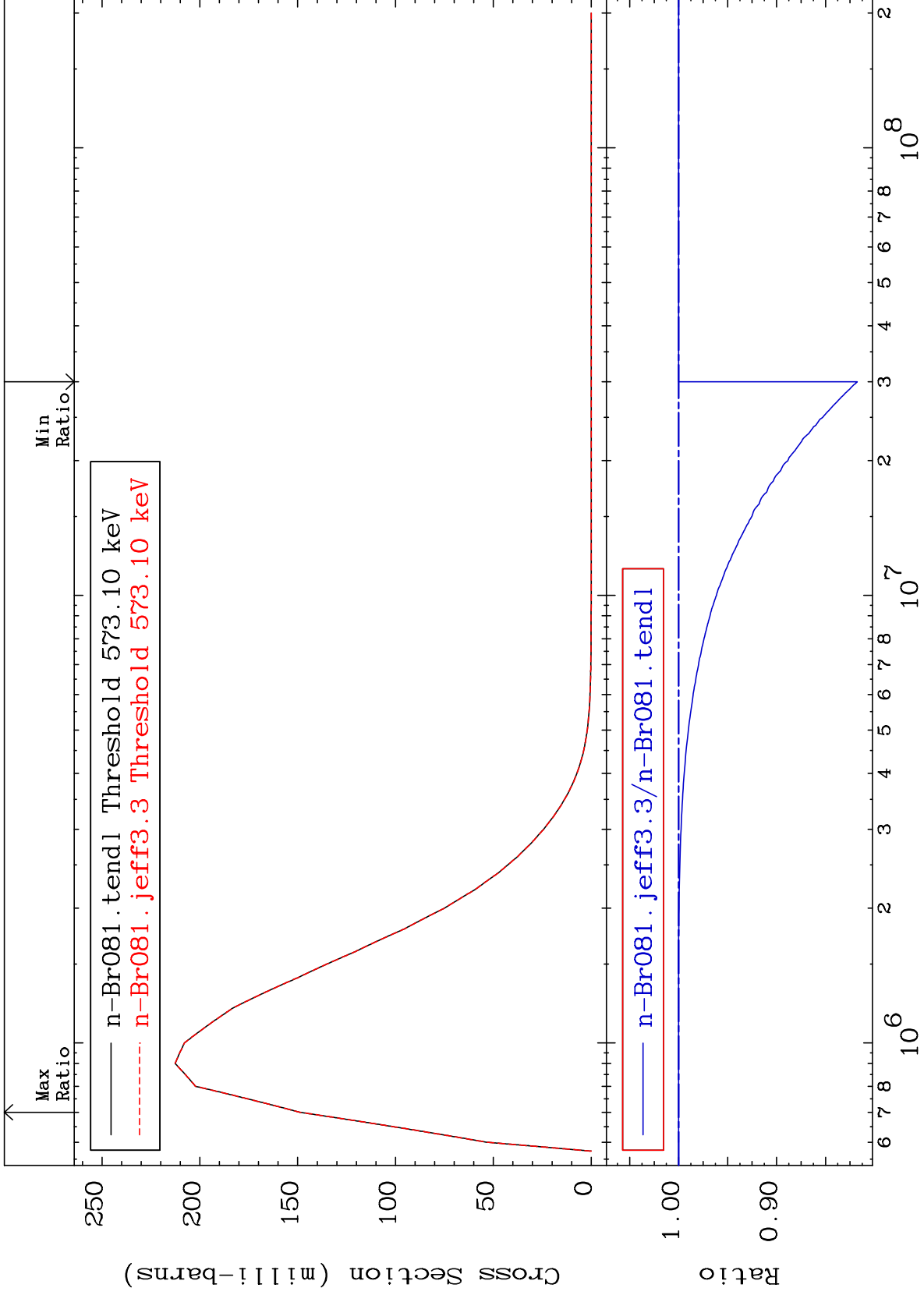
35-Br-81
-18.24 To 0.000 %



MAT 3531

MT= 54 (n,n') Level
Cross Section

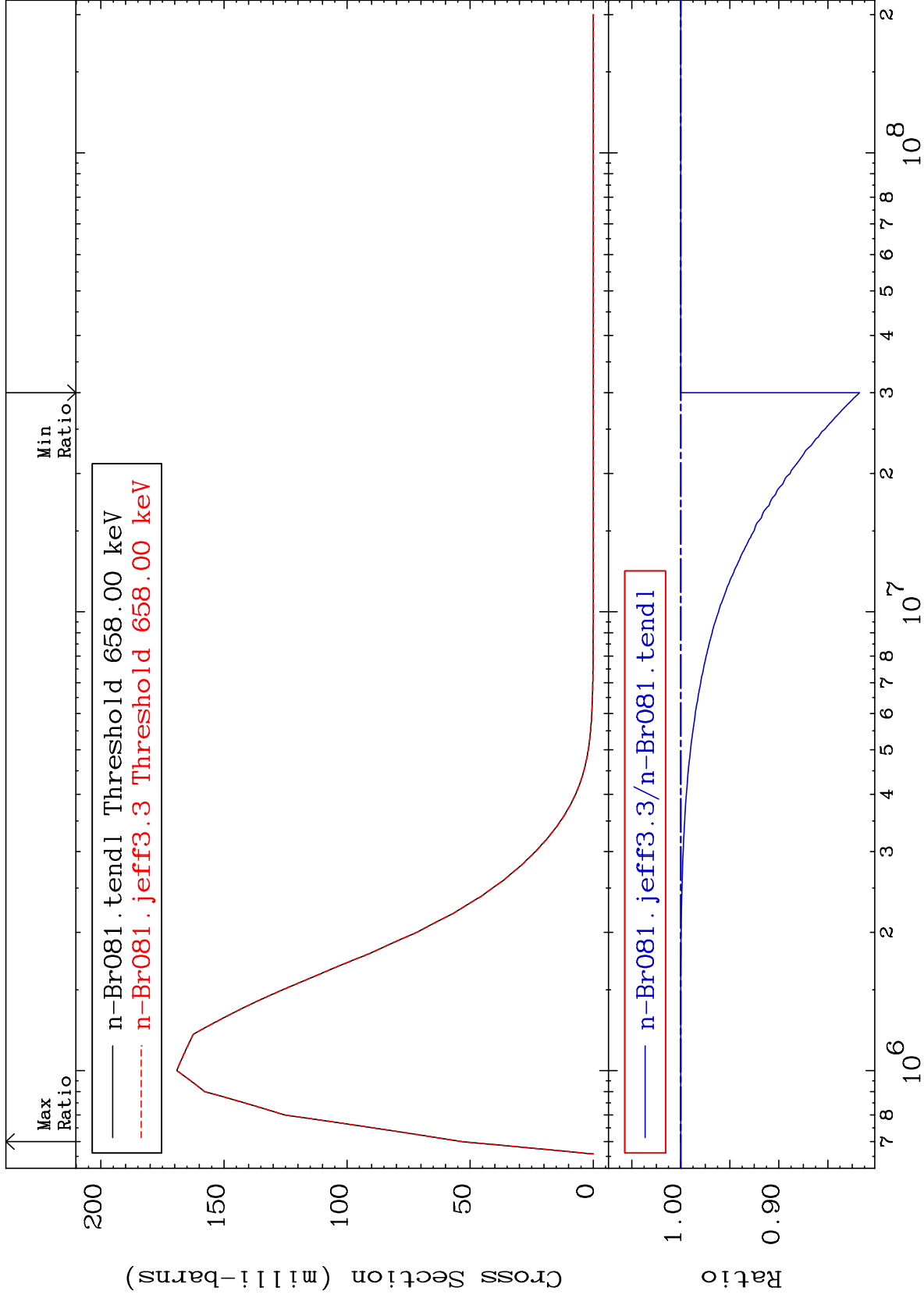
35-Br-81
-18.24 To 0.000 %



MAT 3531

MT= 55 (n,n') Level
Cross Section

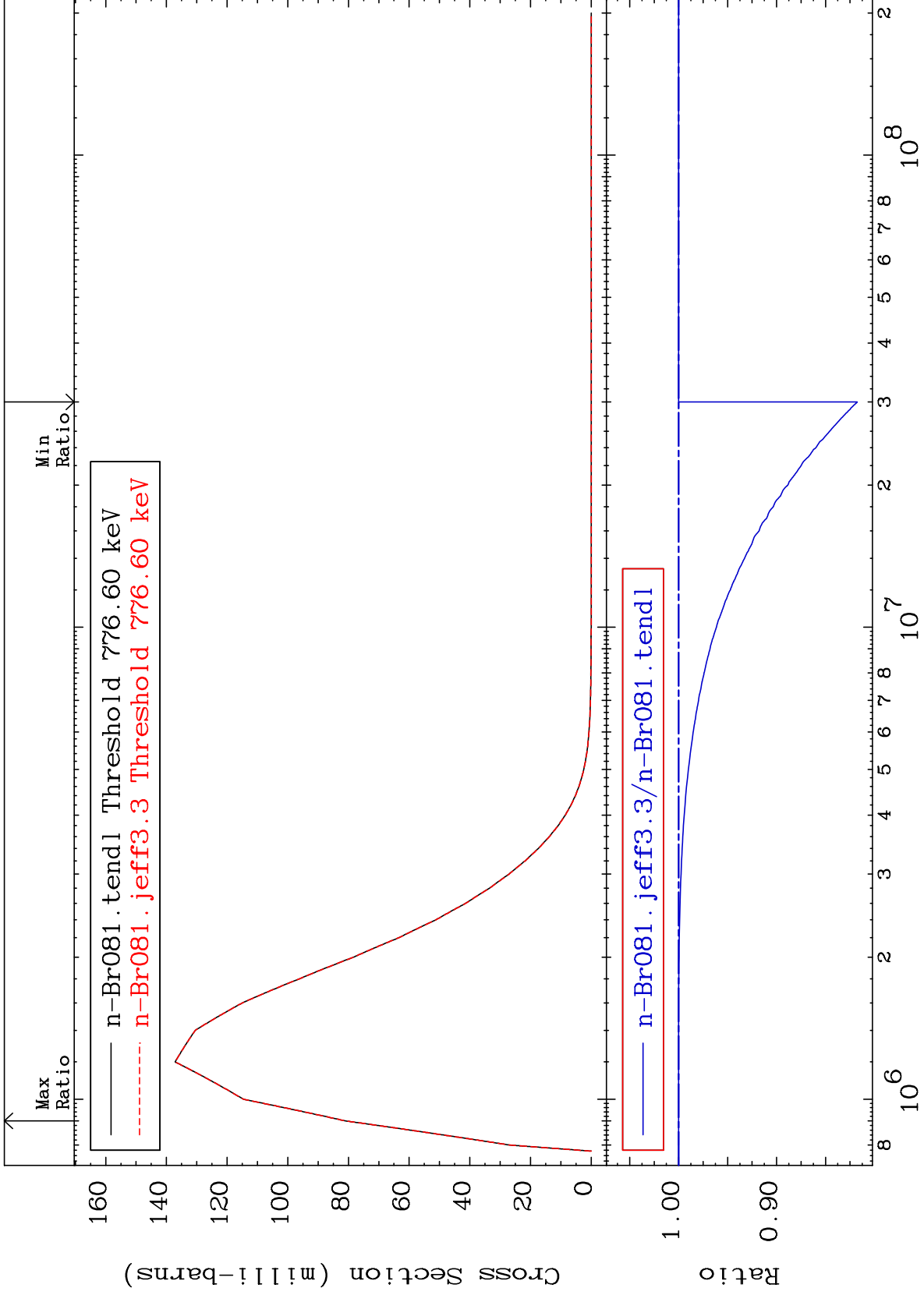
35-Br-81
-18.24 To 0.000 %



MAT 3531

MT= 56 (n,n') Level
Cross Section

35-Br-81
-18.24 To 0.000 %



25

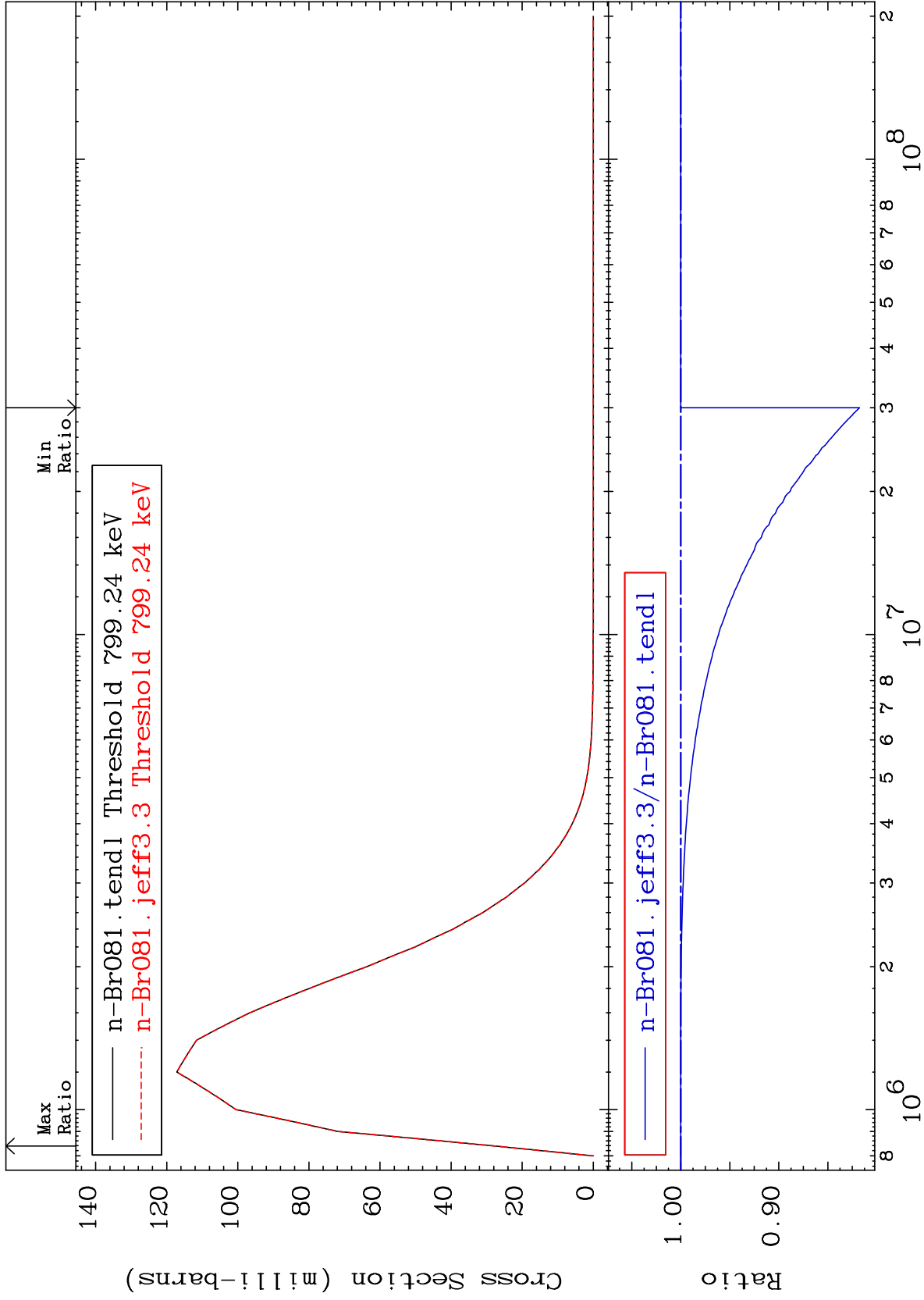
Incident Energy (eV)

35-Br-81

MAT 3531

MT= 57 (n,n') Level
Cross Section

35-Br-81
-18.24 To 0.000 %



26

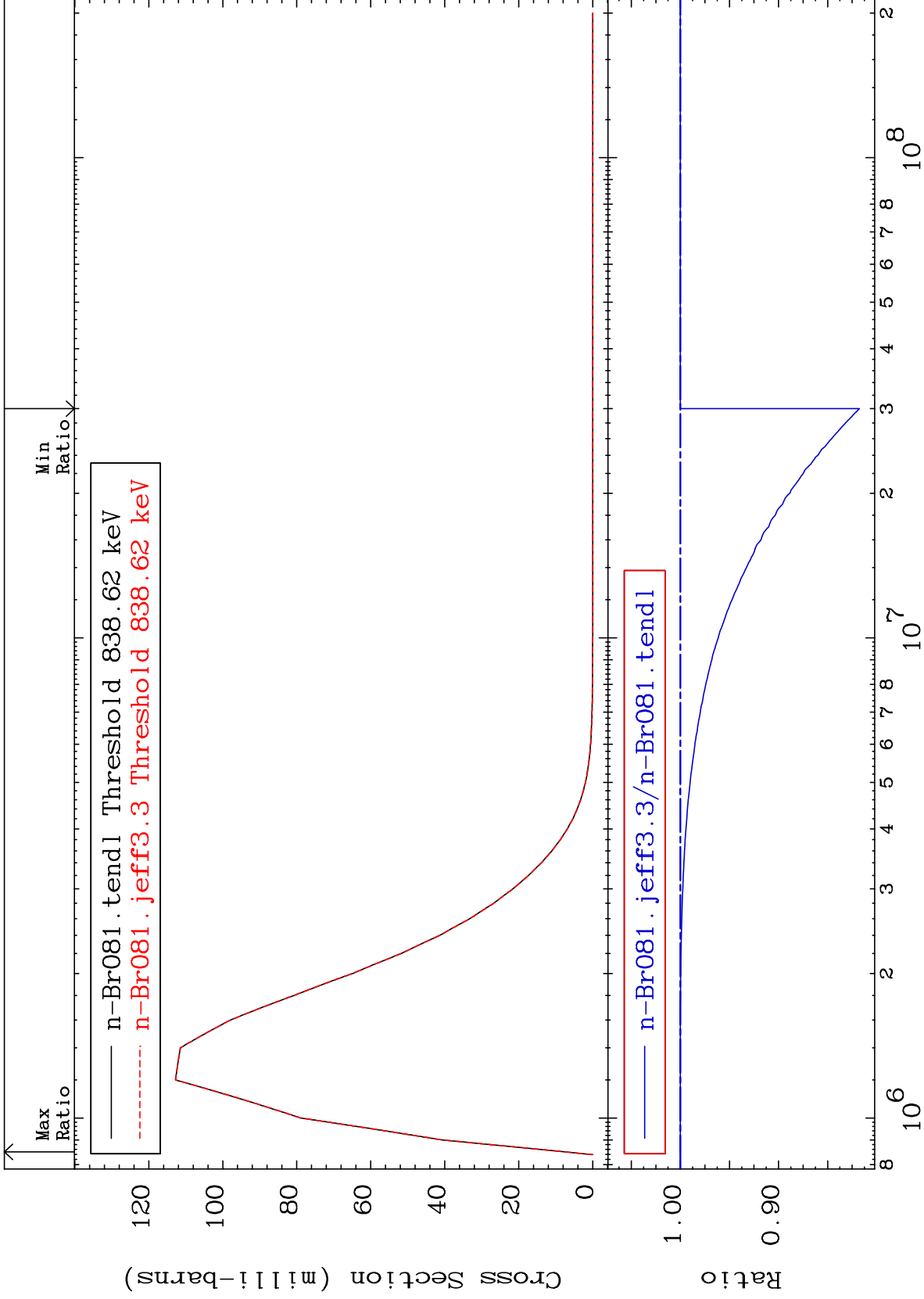
Incident Energy (eV)

35-Br-81

MAT 3531

MT= 58 (n,n') Level
Cross Section

35-Br-81
-18.24 To 0.000 %



27

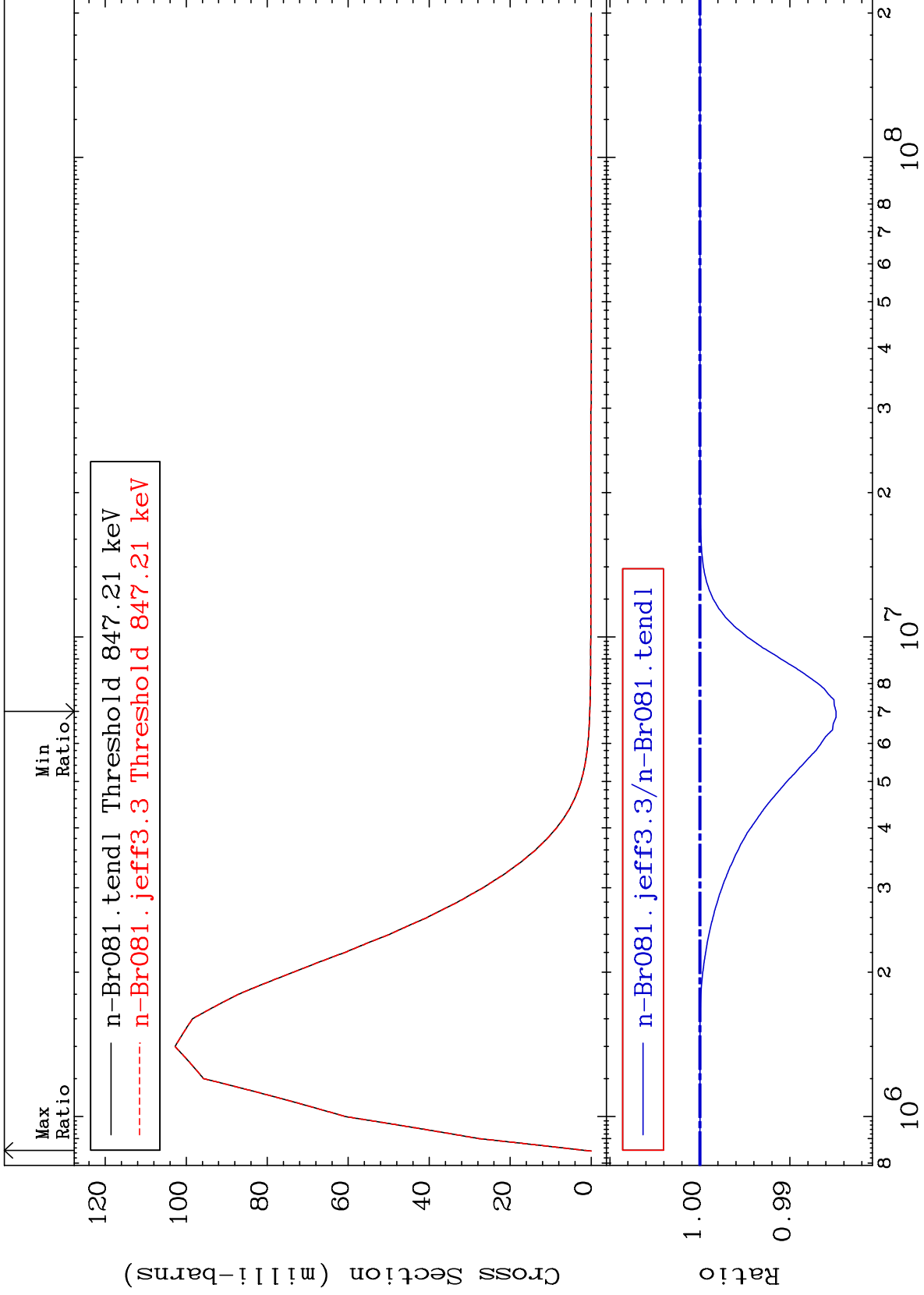
Incident Energy (eV)

35-Br-81

MAT 3531

MT= 59 (n,n') Level
Cross Section

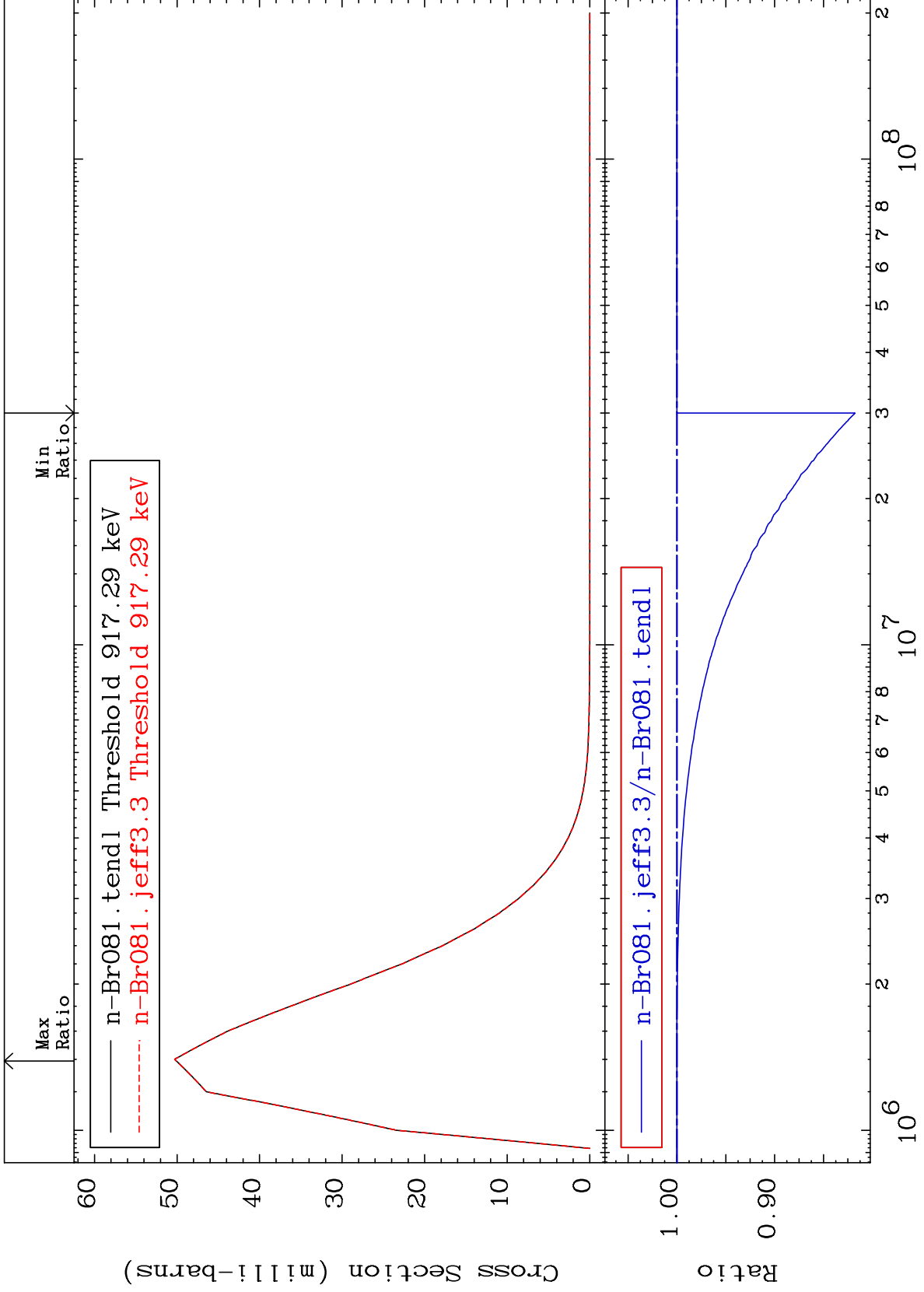
35-Br-81
-1.513 To 0.000 %



MAT 3531

MT= 60 (n,n') Level
Cross Section

35-Br-81
-18.23 To 0.000 %



29

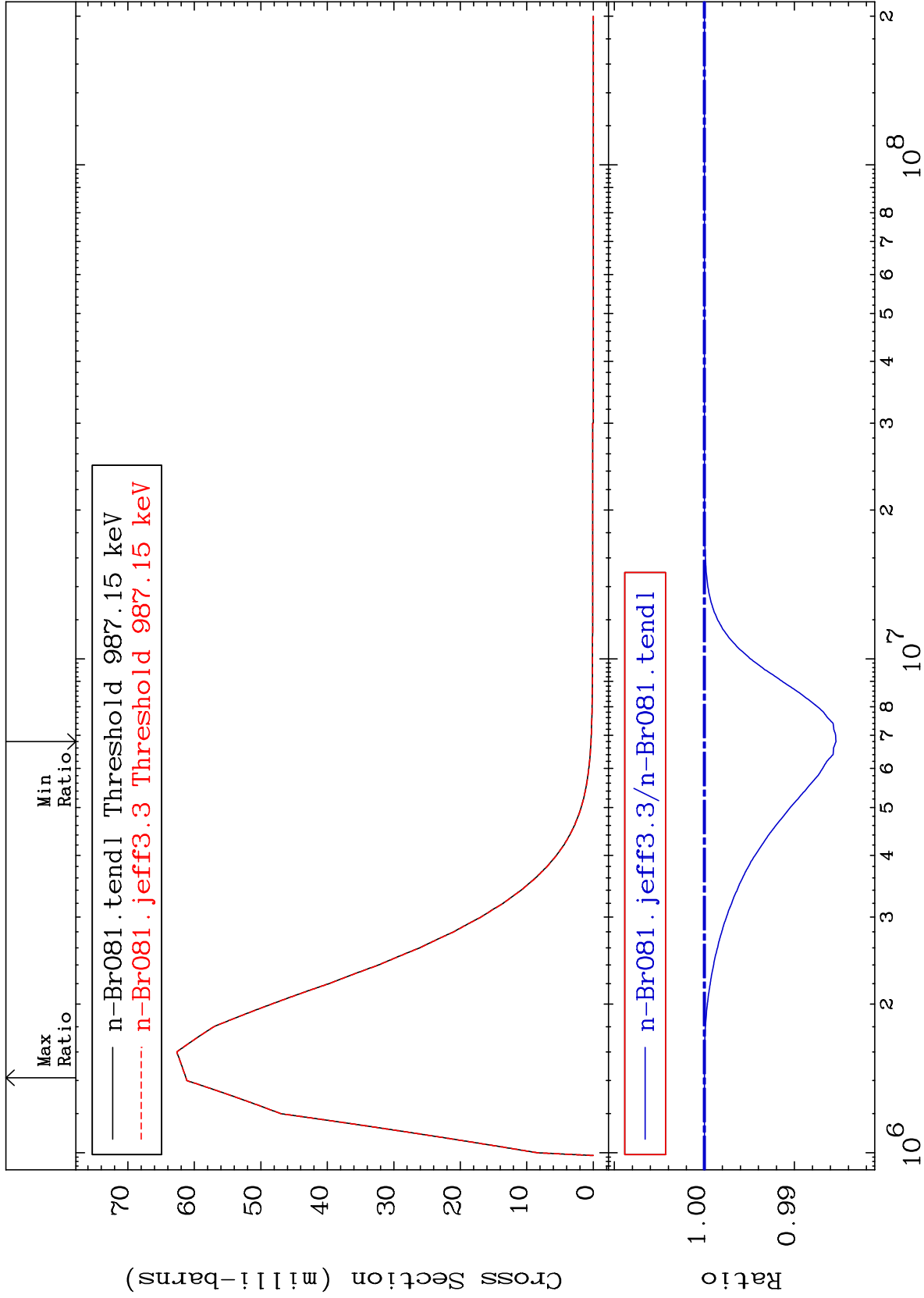
Incident Energy (eV)

35-Br-81

MAT 3531

MT= 61 (n,n') Level
Cross Section

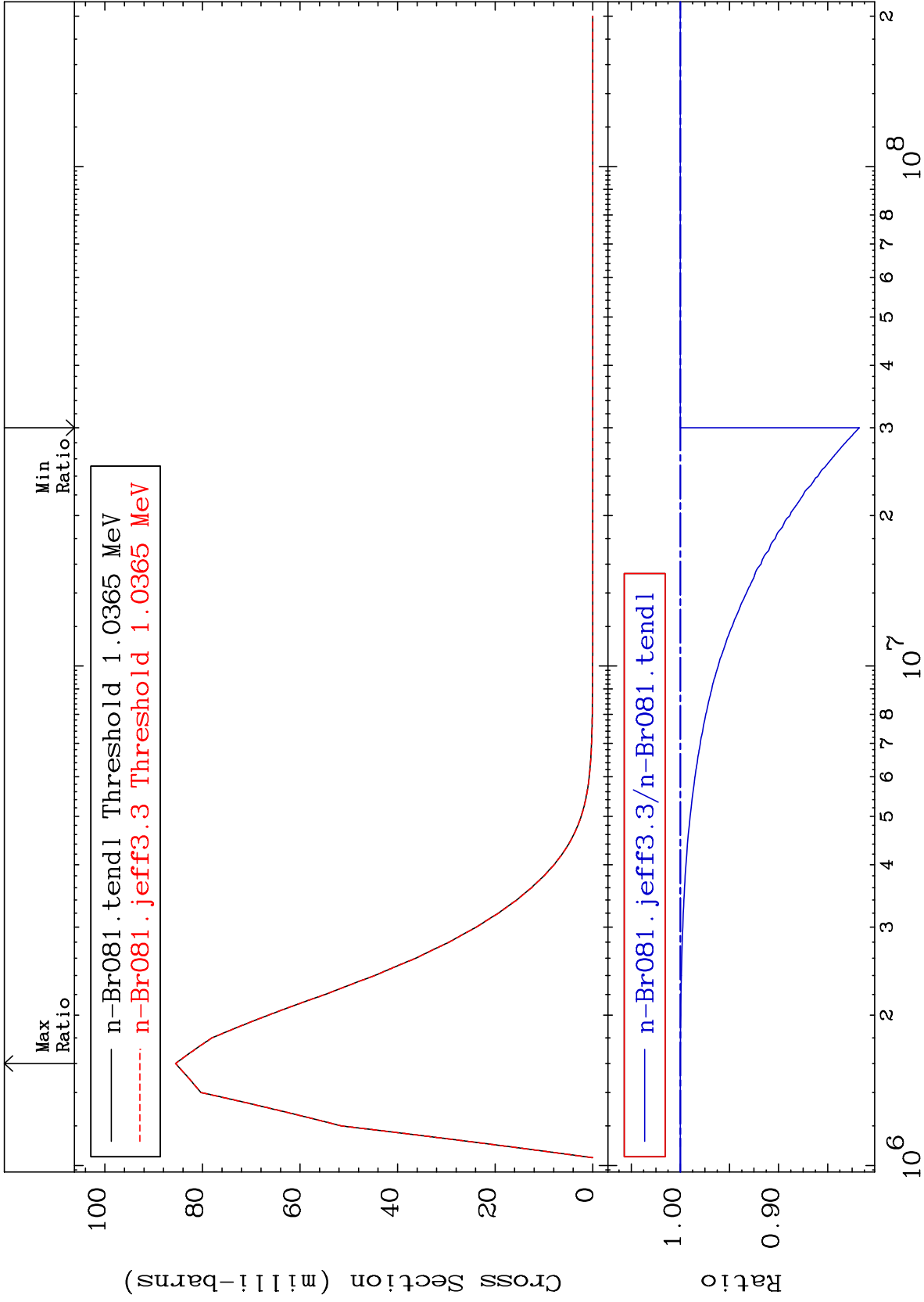
35-Br-81
-1.461 To 0.000 %



MAT 3531

MT= 62 (n,n') Level
Cross Section

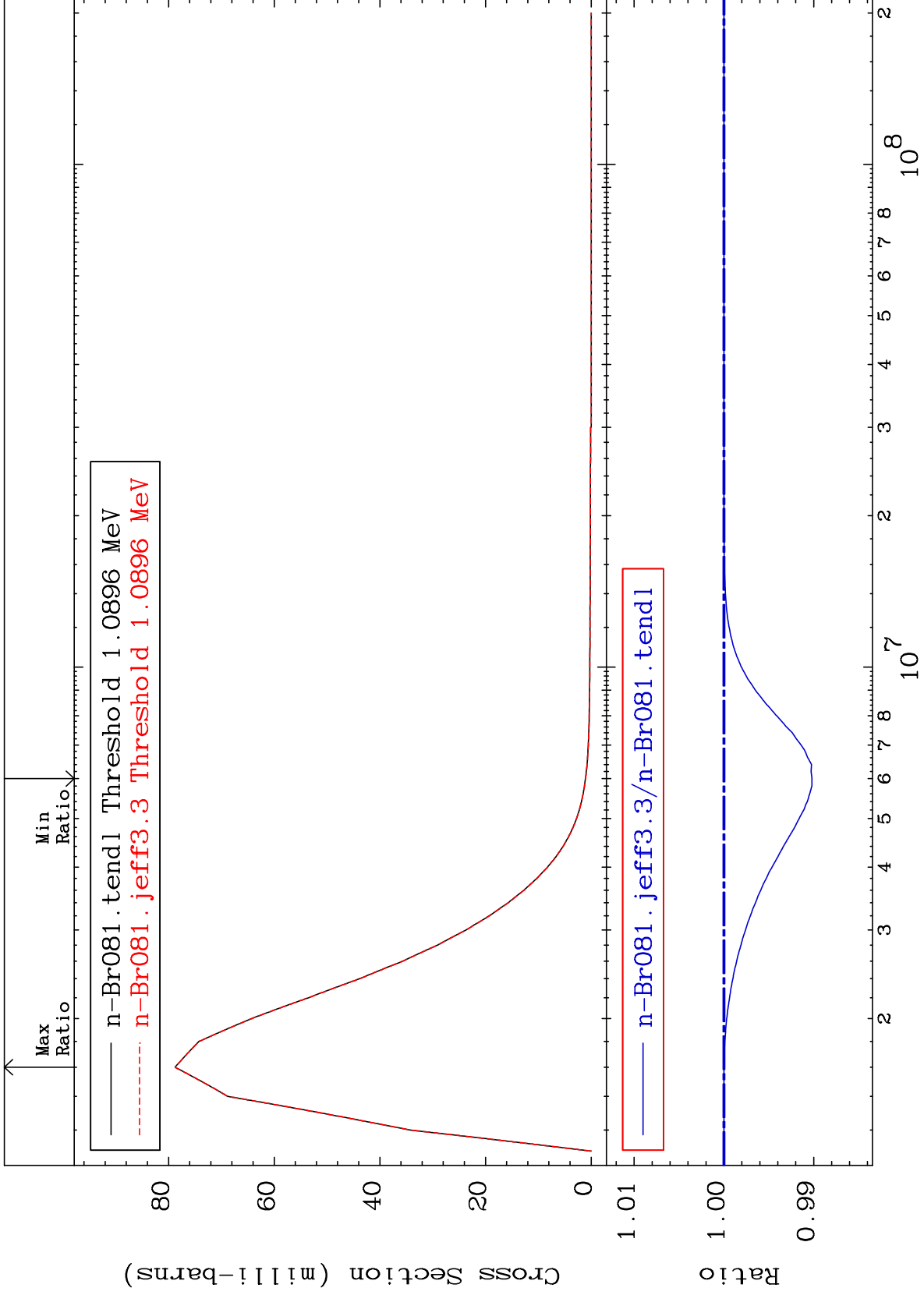
35-Br-81
-18.24 To 0.000 %



MAT 3531

MT= 63 (n,n') Level
Cross Section

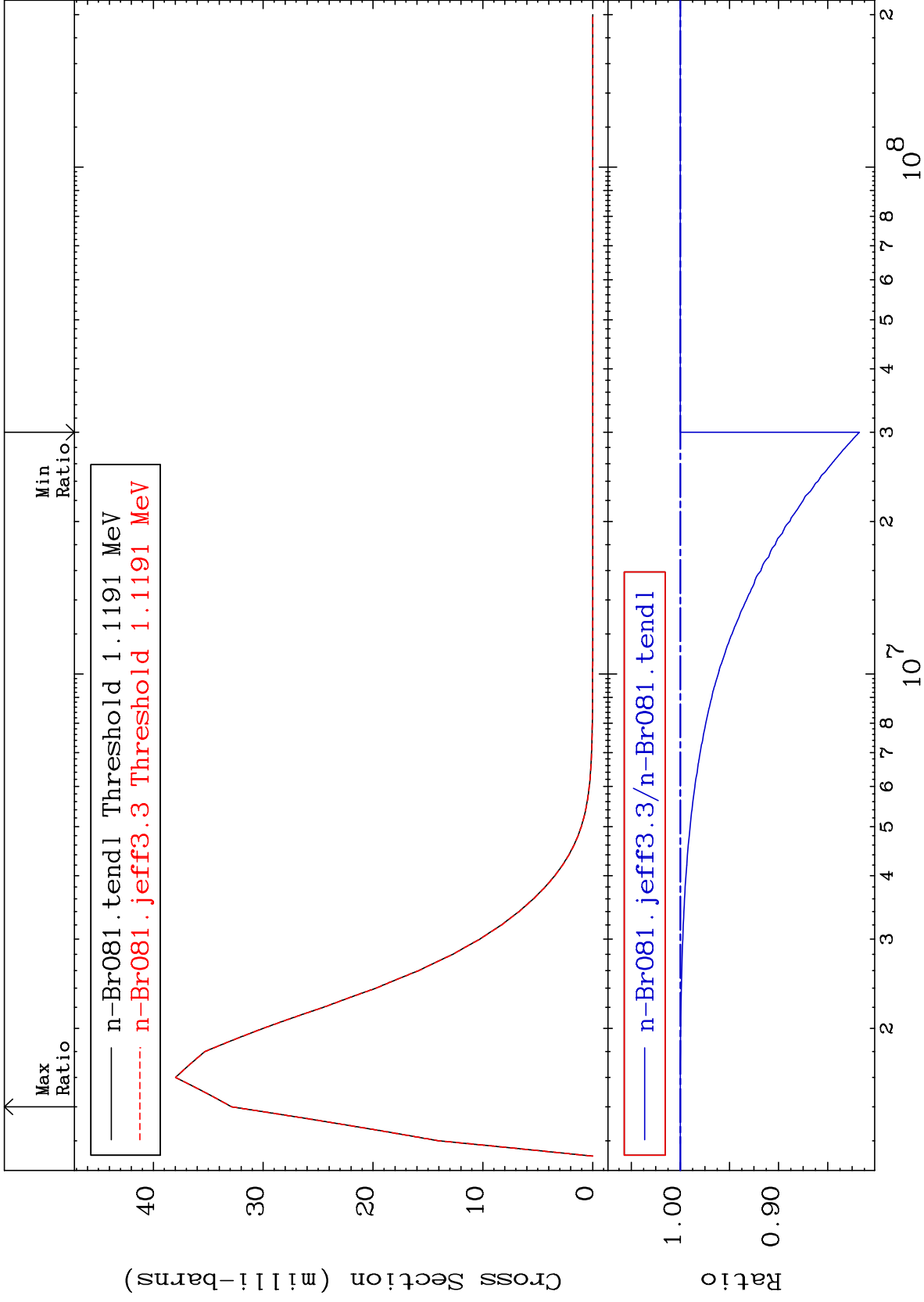
35-Br-81
-0.981 To 0.000 %



MAT 3531

MT= 64 (n,n') Level
Cross Section

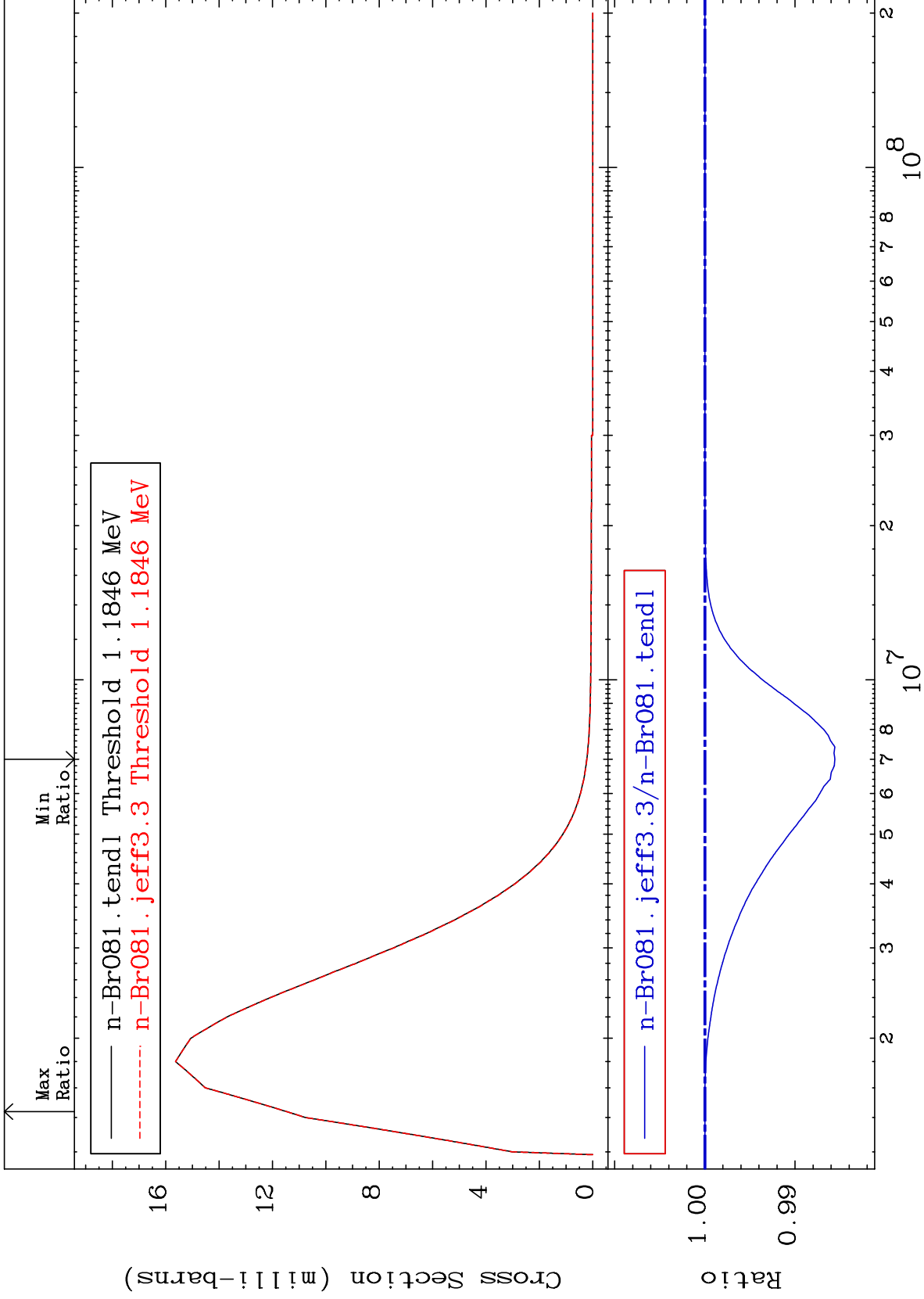
35-Br-81
-18.23 To 0.000 %



MAT 3531

MT= 65 (n,n') Level
Cross Section

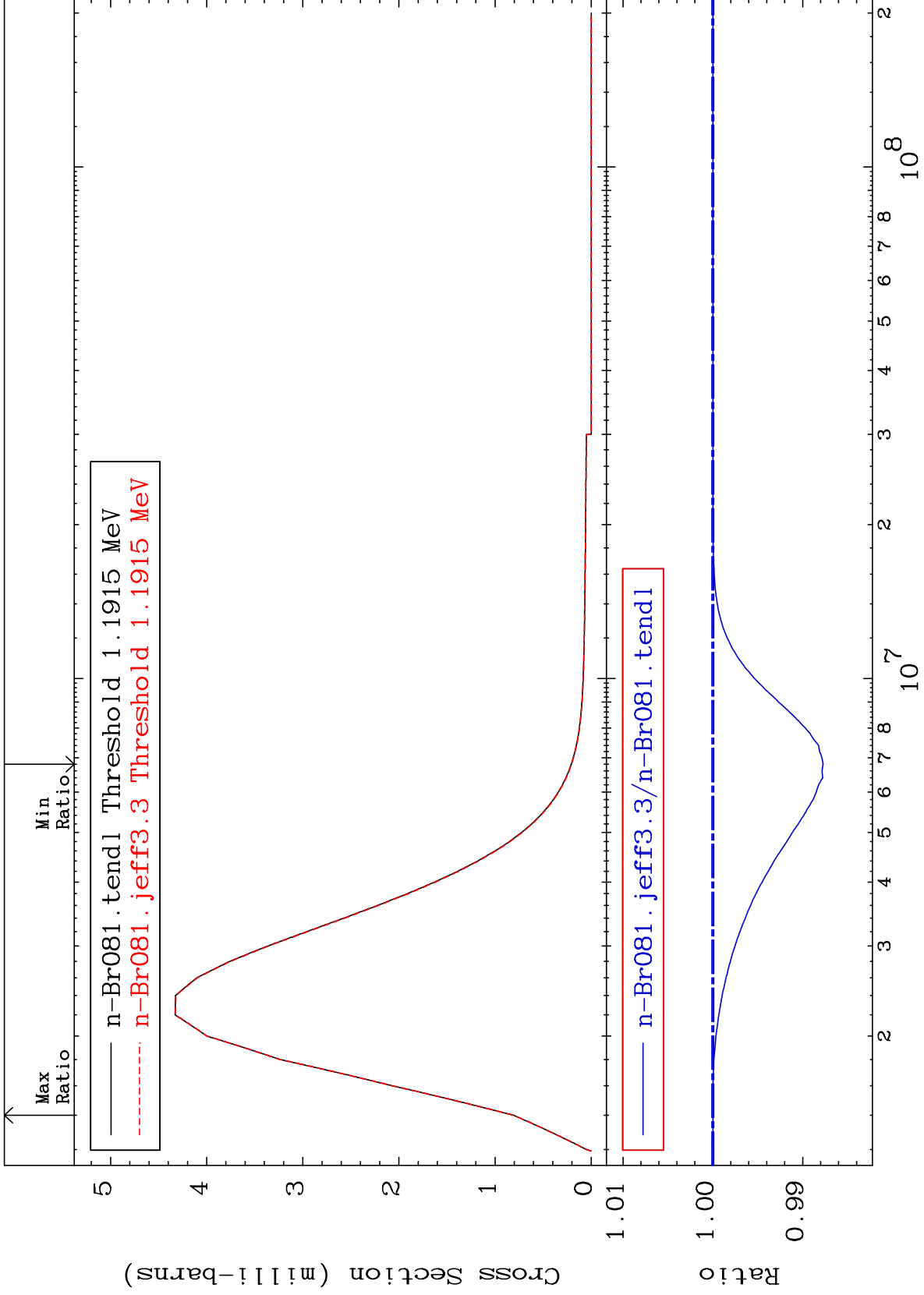
35-Br-81
-1.442 To 0.000 %



MAT 3531

MT= 66 (n,n') Level
Cross Section

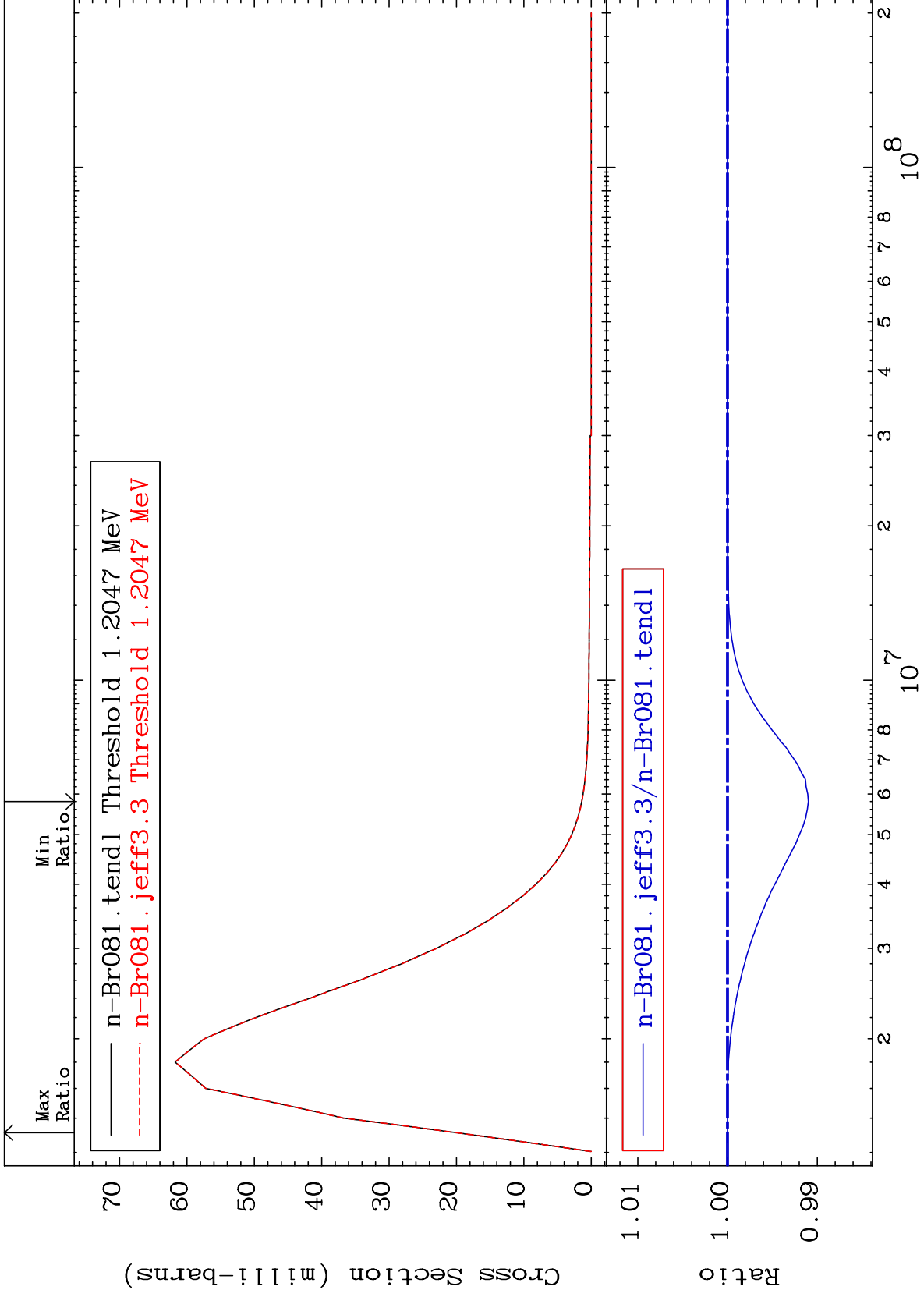
35-Br-81
-1.227 To 0.000 %



MAT 3531

MT= 67 (n, n') Level
Cross Section

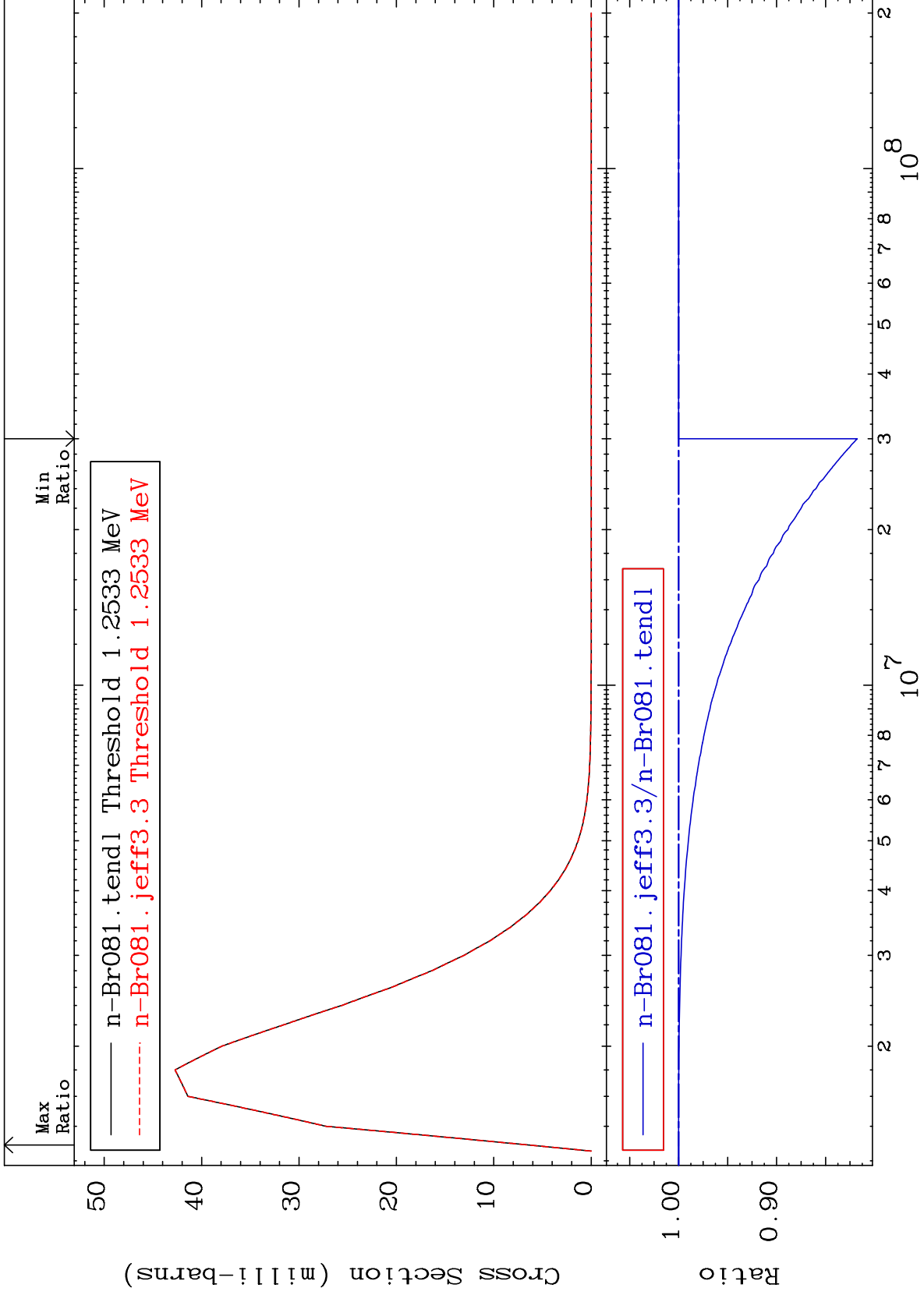
35-Br-81
-0.902 To 0.000 %



MAT 3531

MT= 68 (n,n') Level
Cross Section

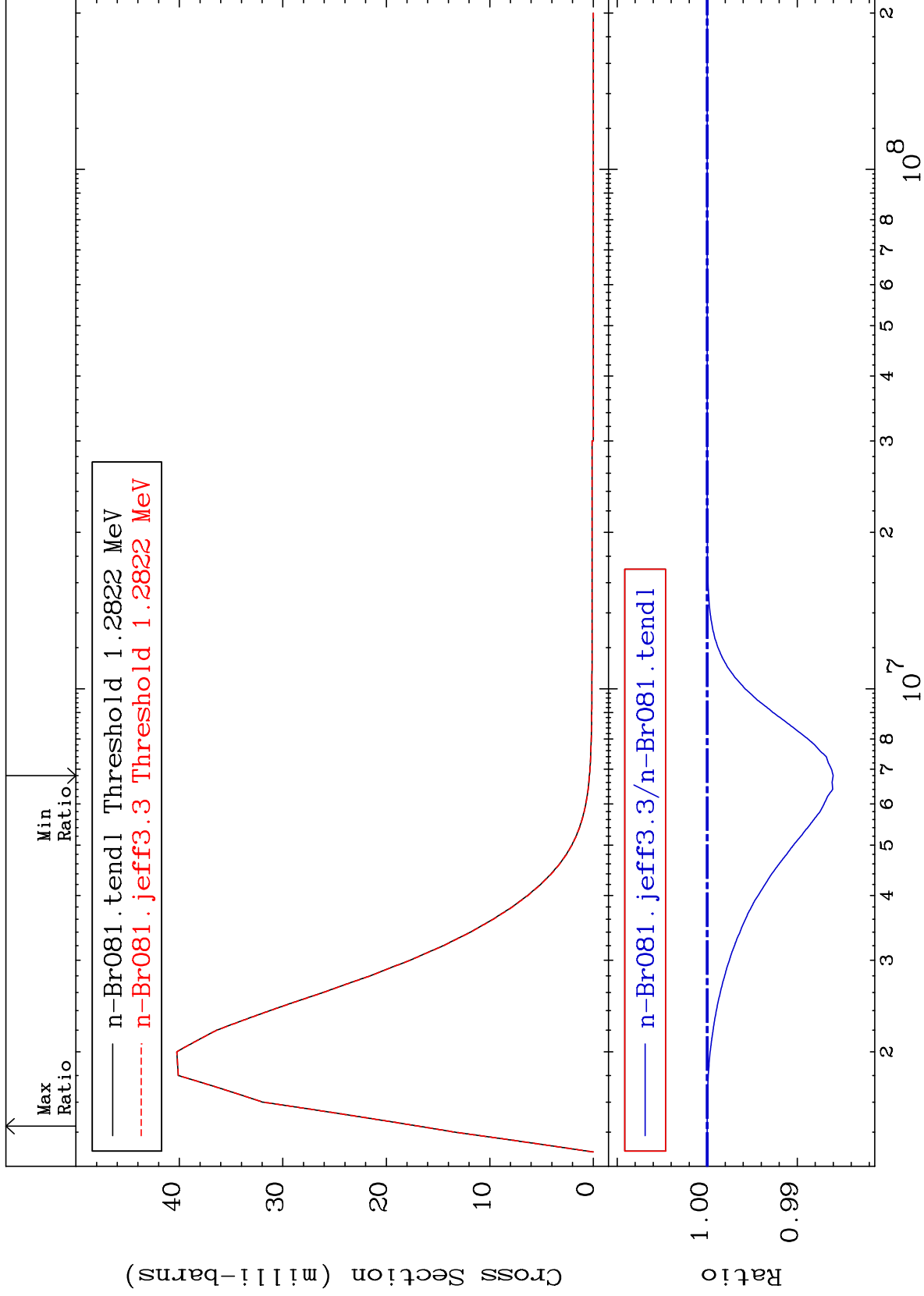
35-Br-81
-18.24 To 0.000 %



MAT 3531

MT= 69 (n,n') Level
Cross Section

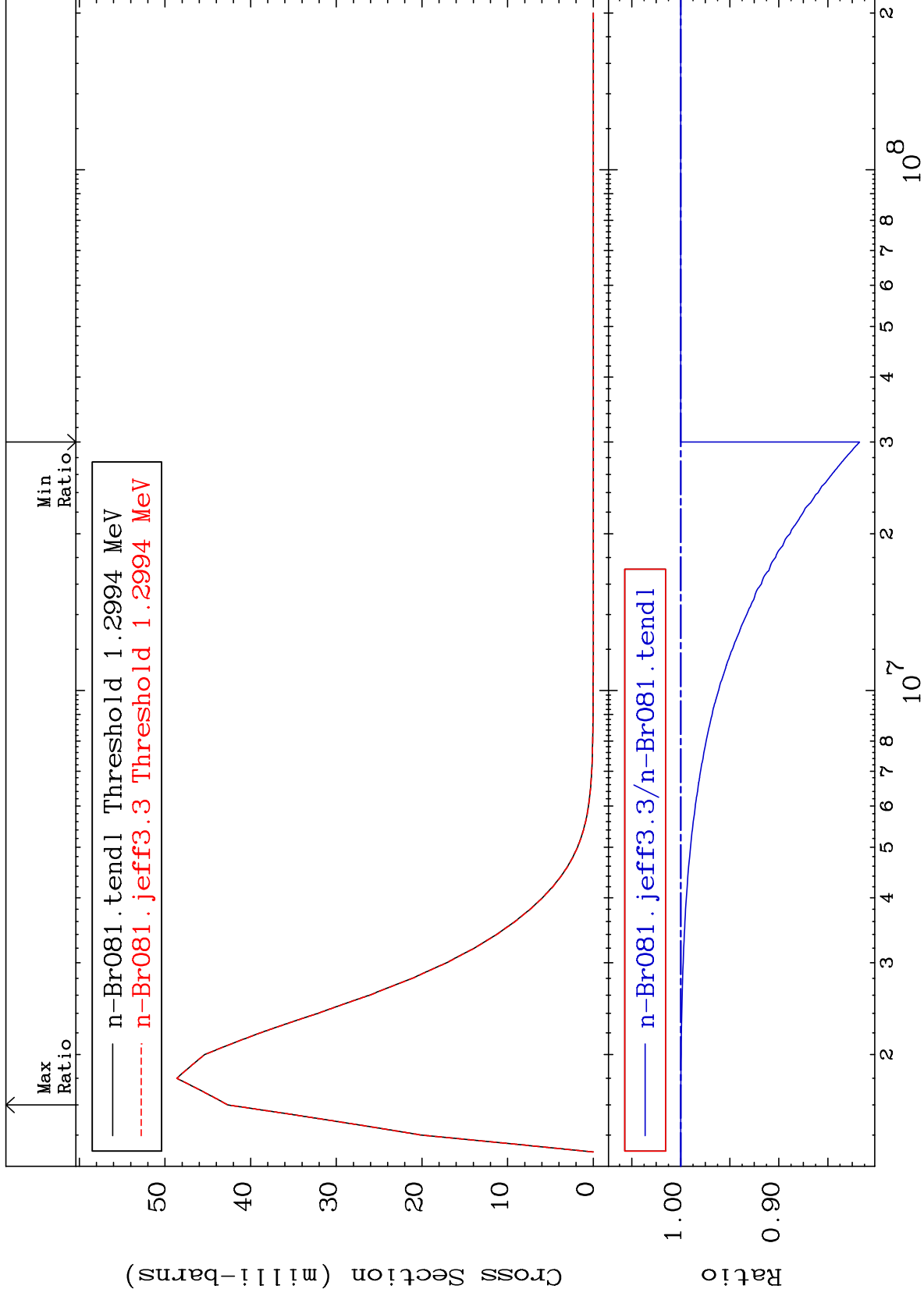
35-Br-81
-1.399 To 0.000 %



MAT 3531

MT= 70 (n,n') Level
Cross Section

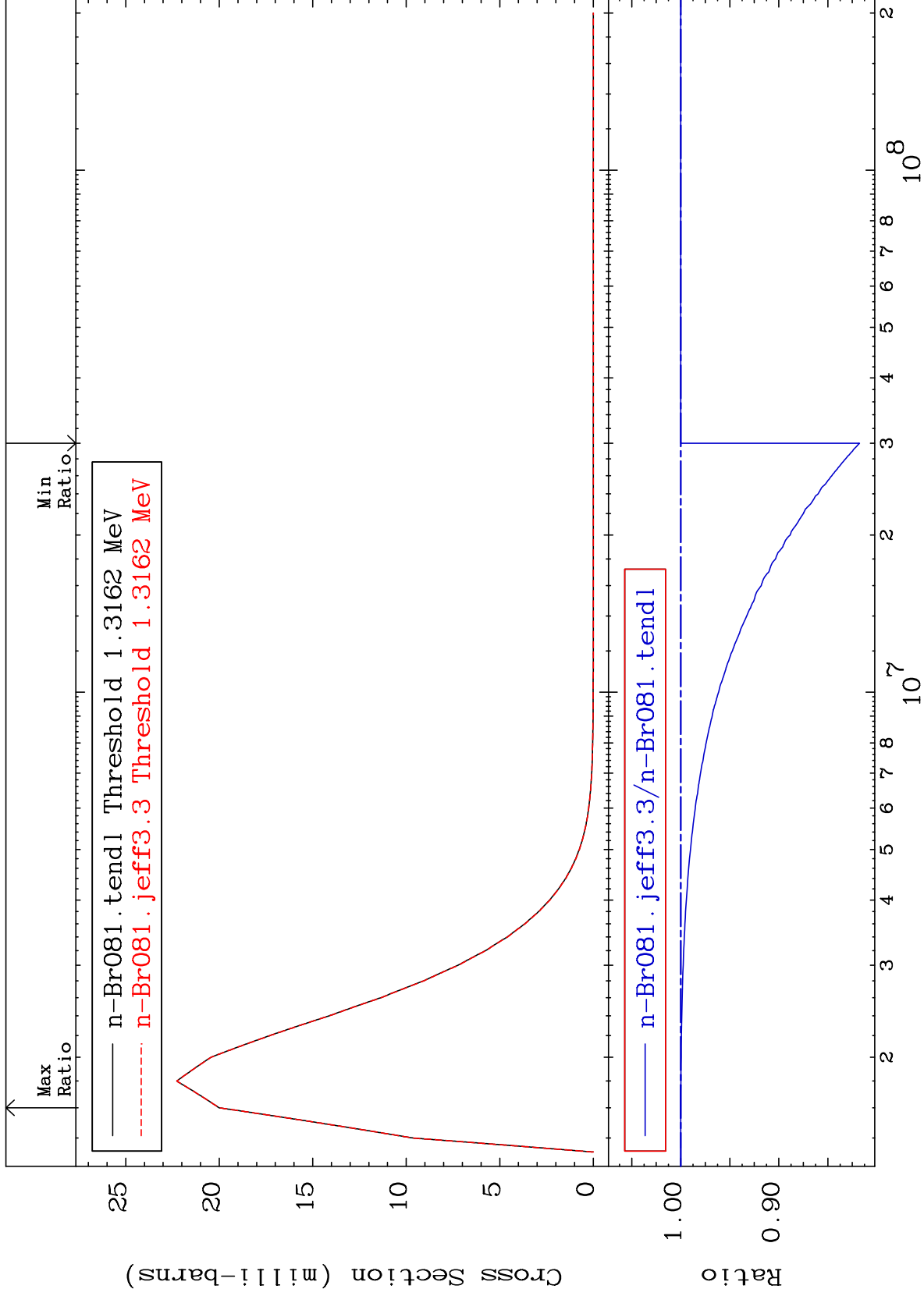
35-Br-81
-18.24 To 0.000 %



MAT 3531

MT= 71 (n,n') Level
Cross Section

35-Br-81
-18.23 To 0.000 %



40

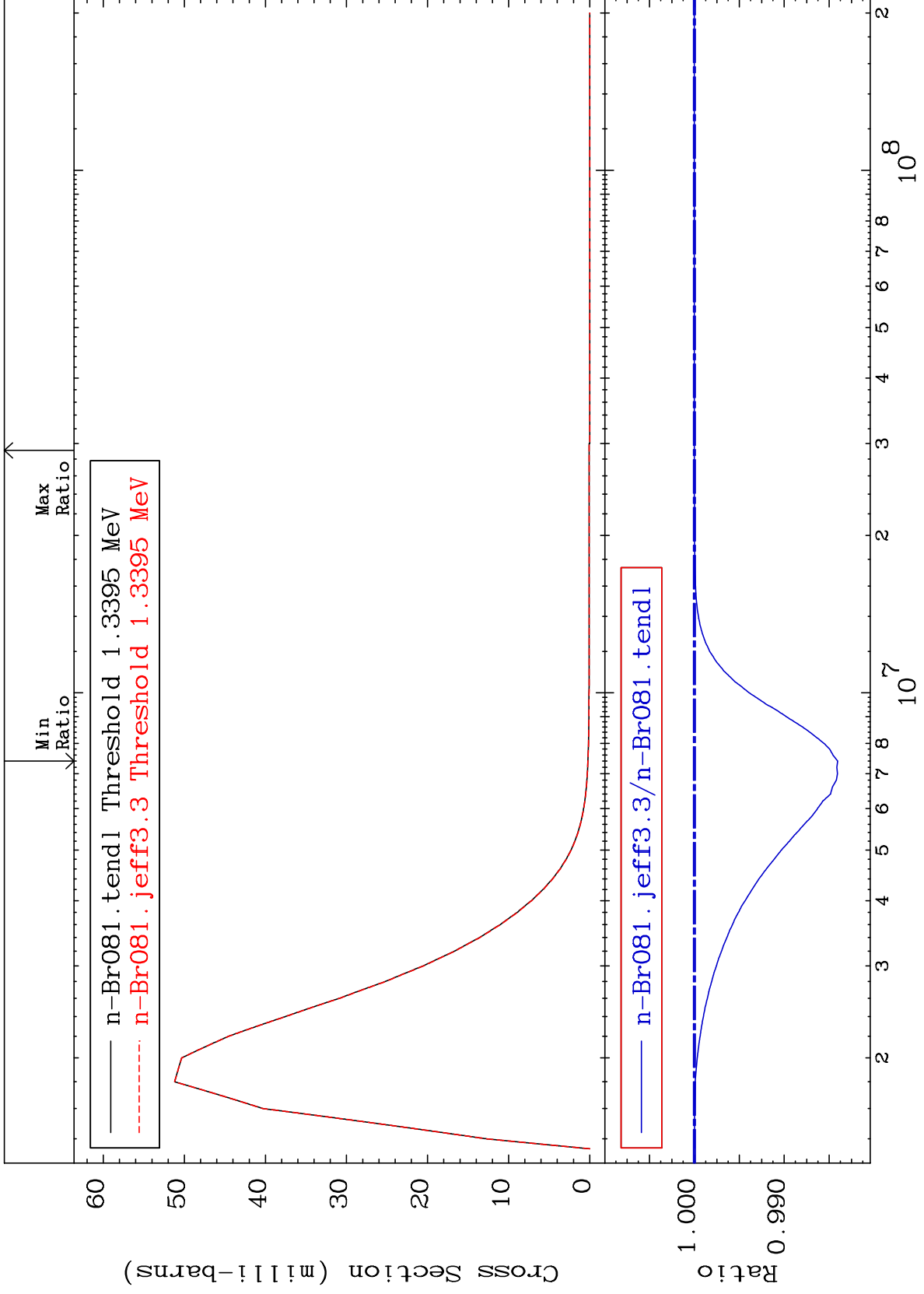
Incident Energy (eV)

35-Br-81

MAT 3531

MT= 72 (n,n') Level
Cross Section

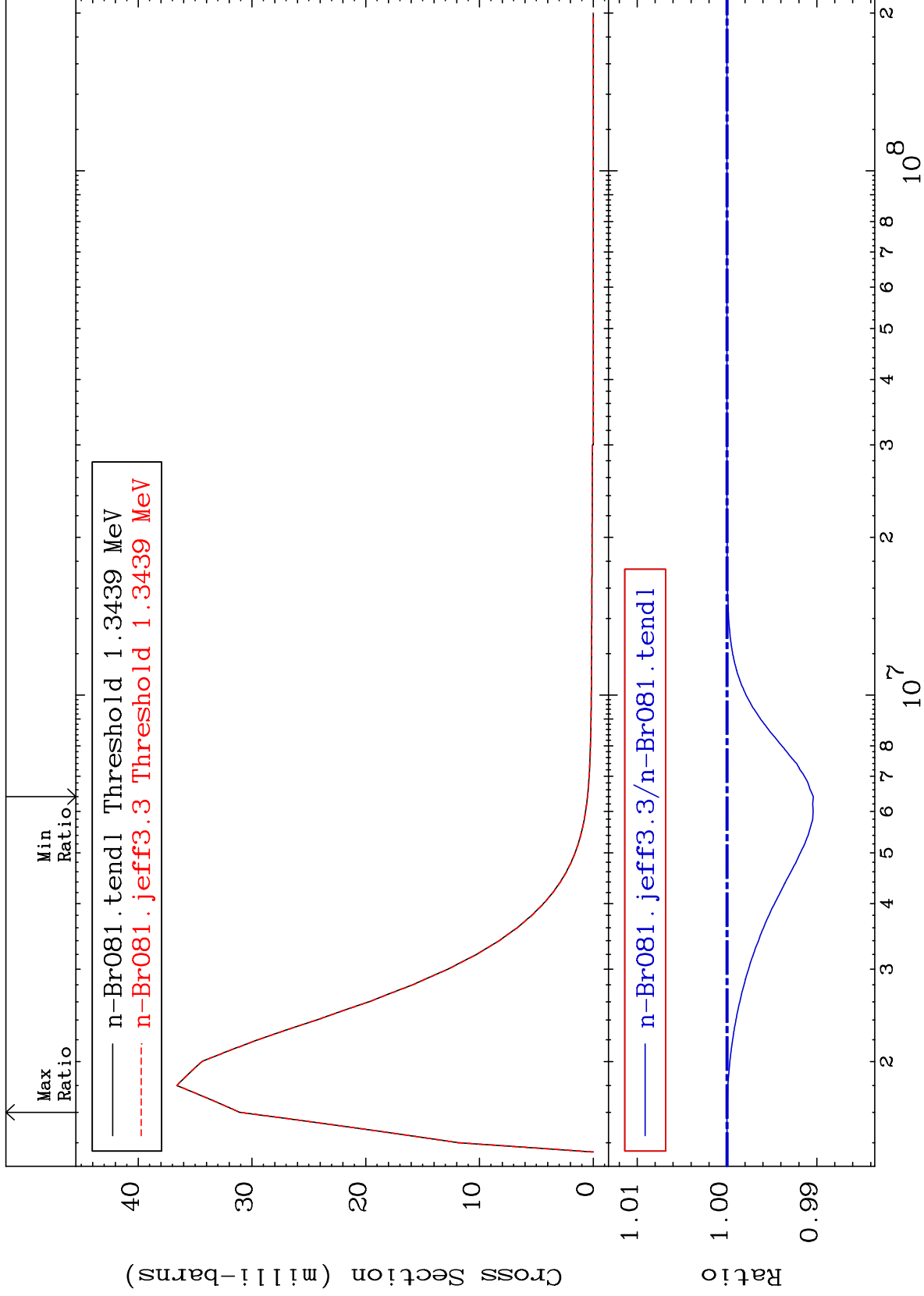
35-Br-81
-1.595 To 0.000 %



MAT 3531

MT= 73 (n,n') Level
Cross Section

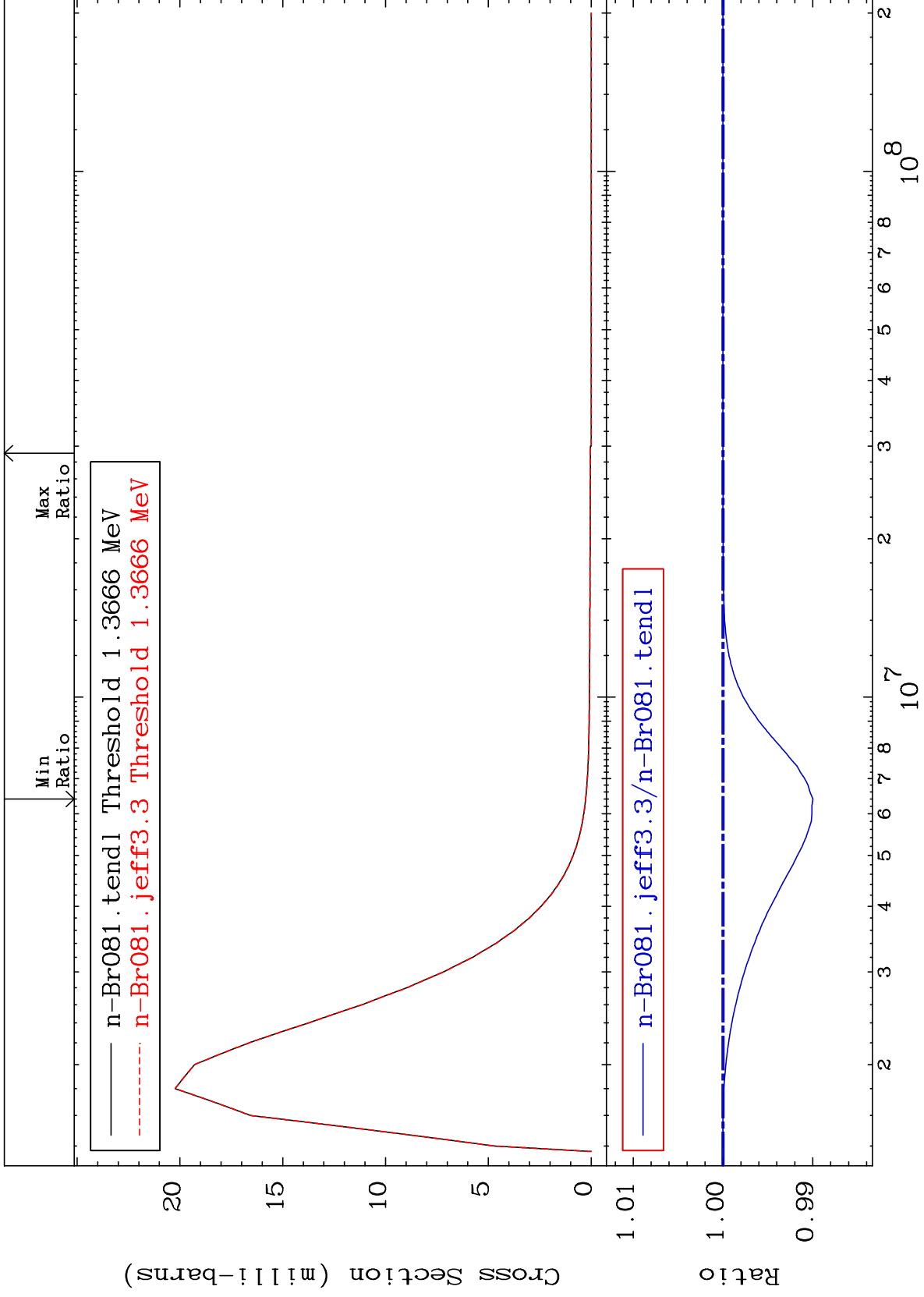
35-Br-81
-0.961 To 0.000 %



MAT 3531

MT= 74 (n,n') Level
Cross Section

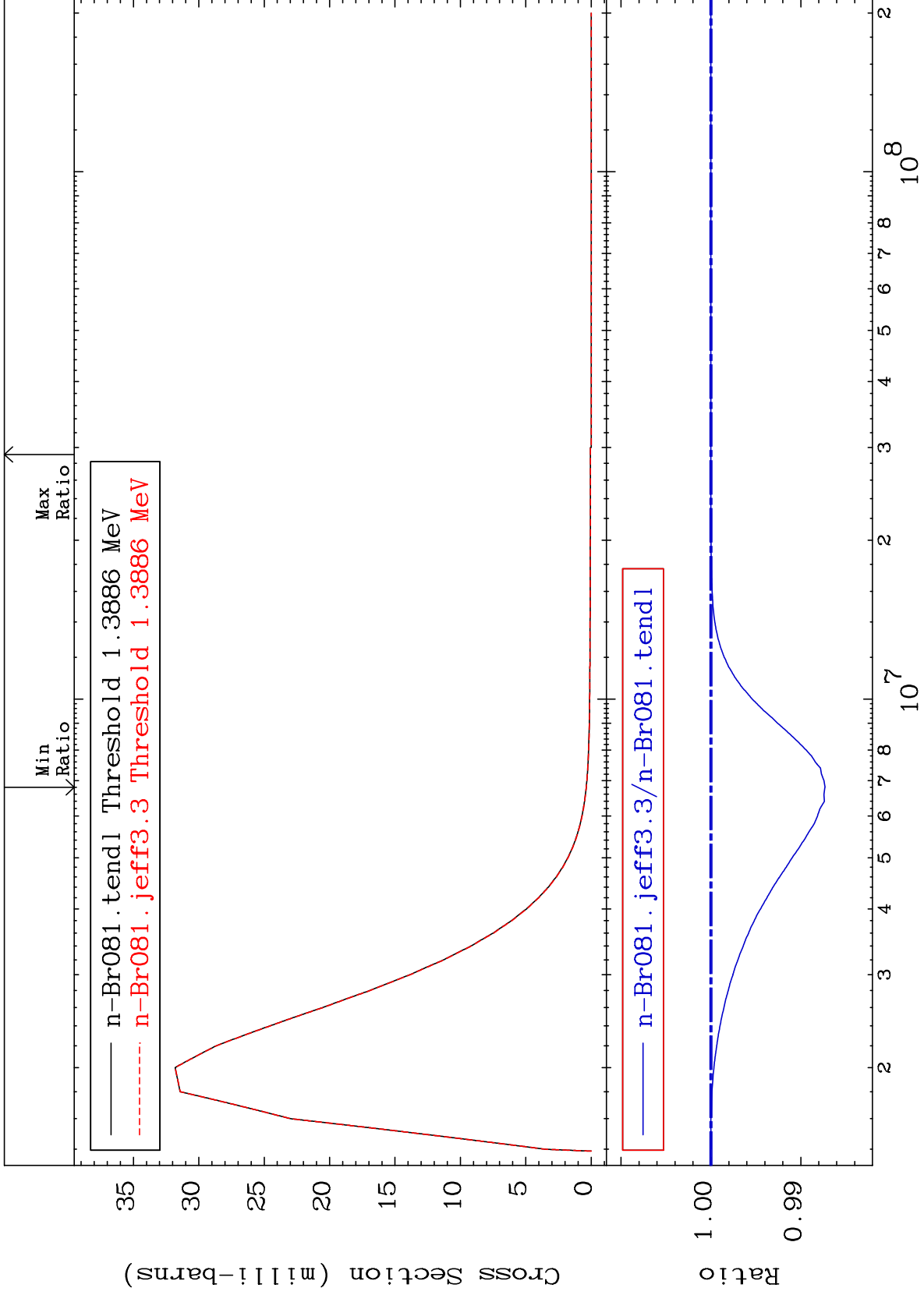
35-Br-81
-1.002 To 0.000 %



MAT 3531

MT= 75 (n,n') Level
Cross Section

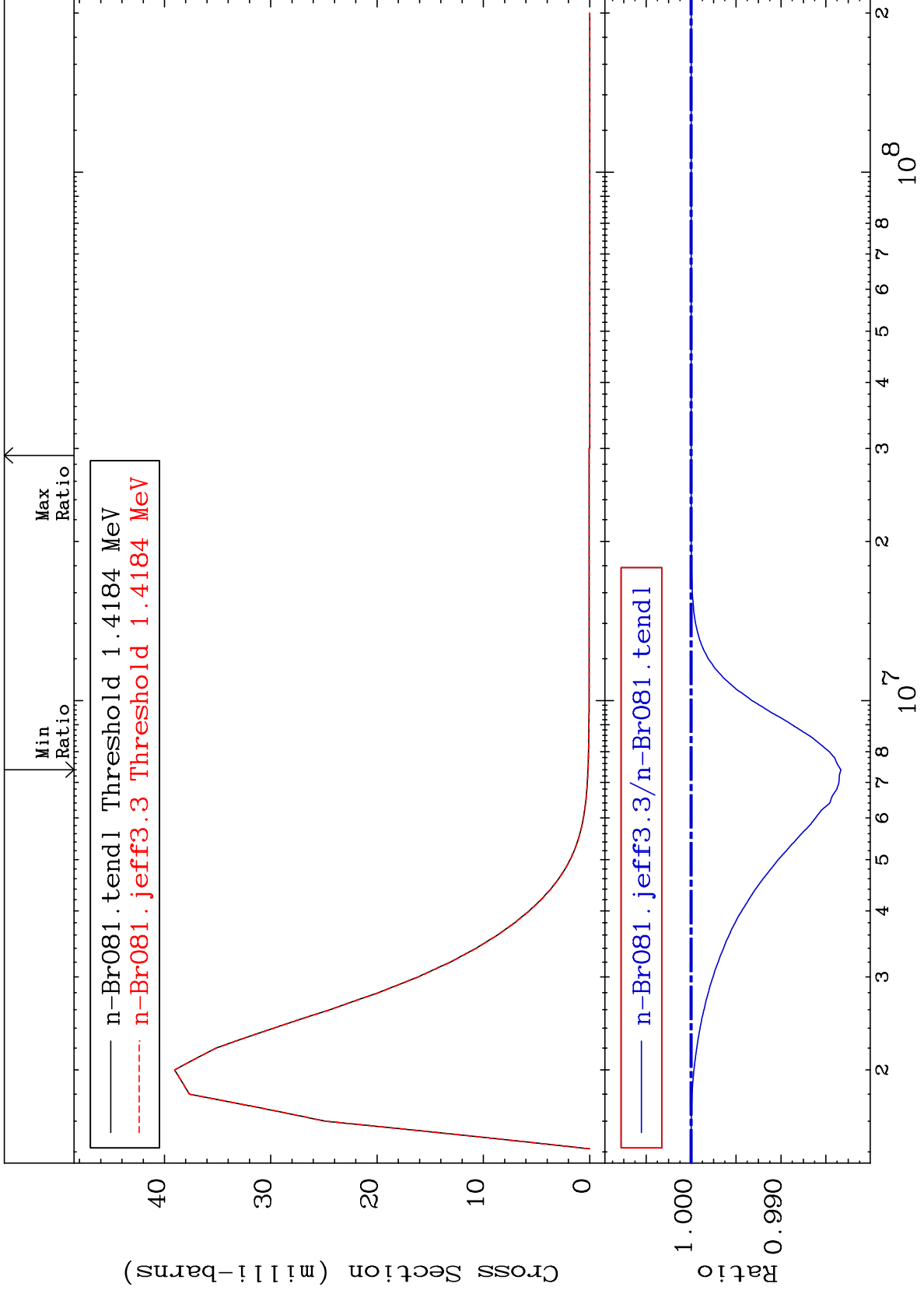
35-Br-81
-1.269 To 0.000 %



MAT 3531

MT= 76 (n,n') Level
Cross Section

35-Br-81
-1.667 To 0.000 %



45

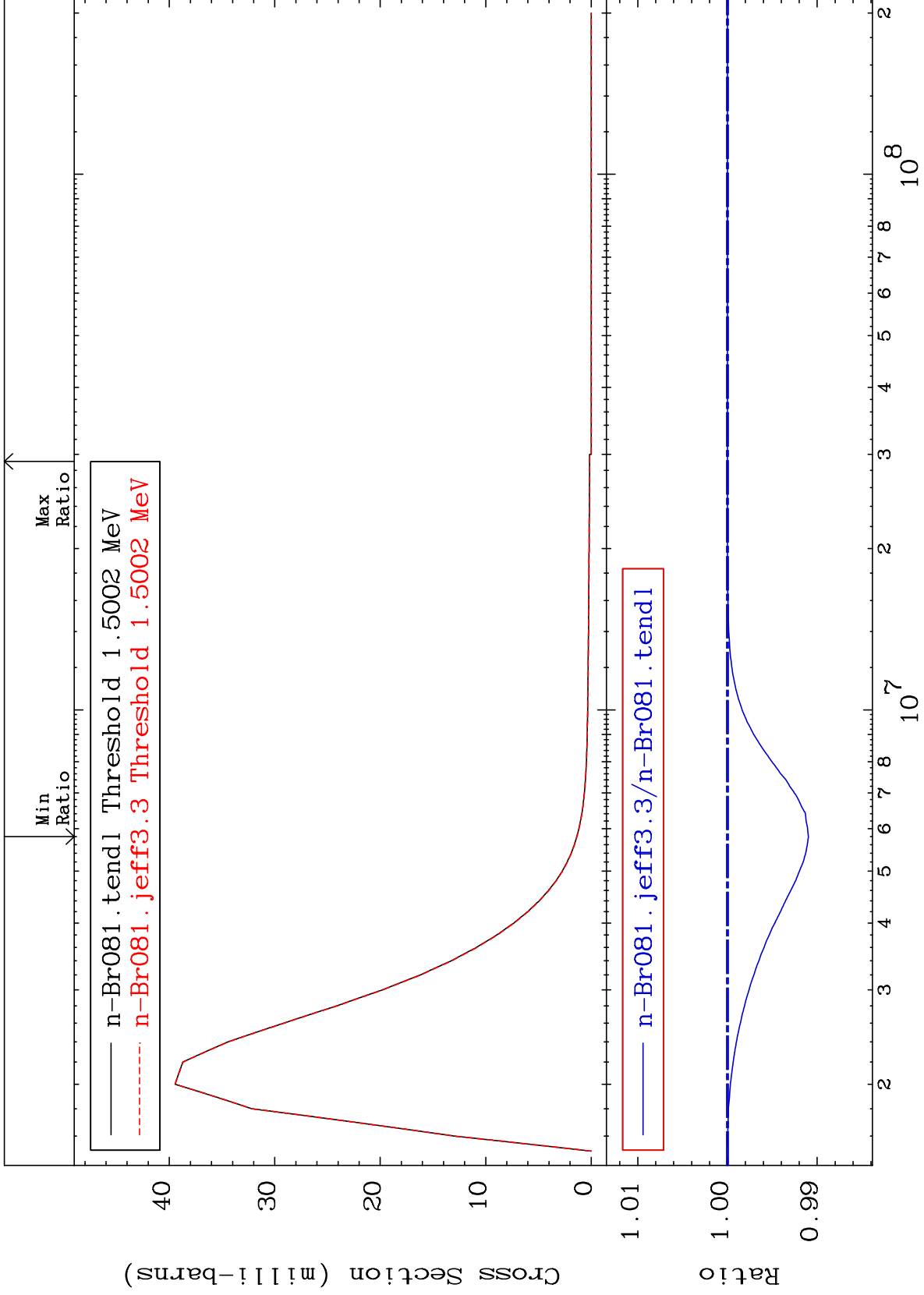
Incident Energy (eV)

35-Br-81

MAT 3531

MT= 77 (n,n') Level
Cross Section

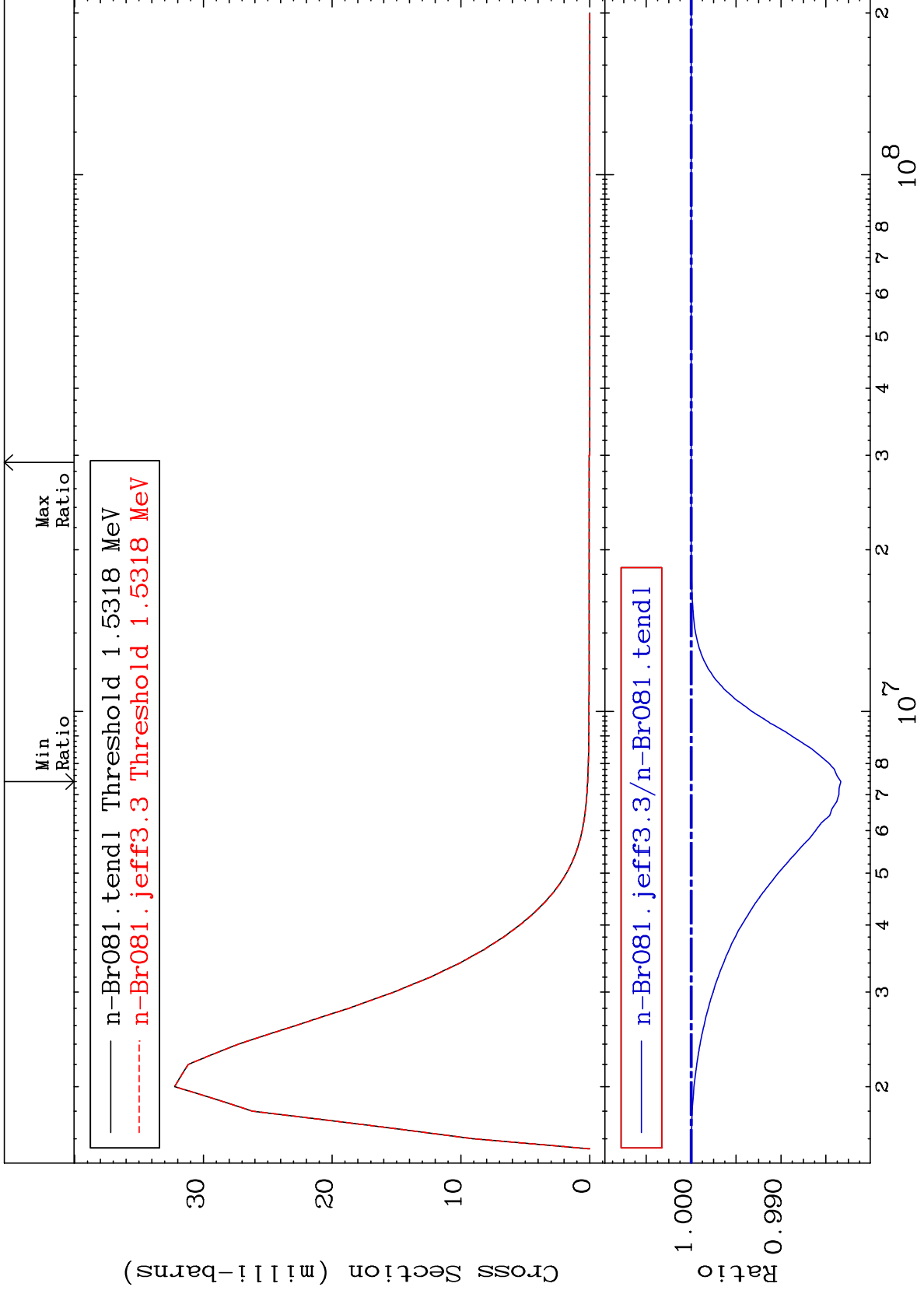
35-Br-81
-0.902 To 0.000 %



MAT 3531

MT= 78 (n,n') Level
Cross Section

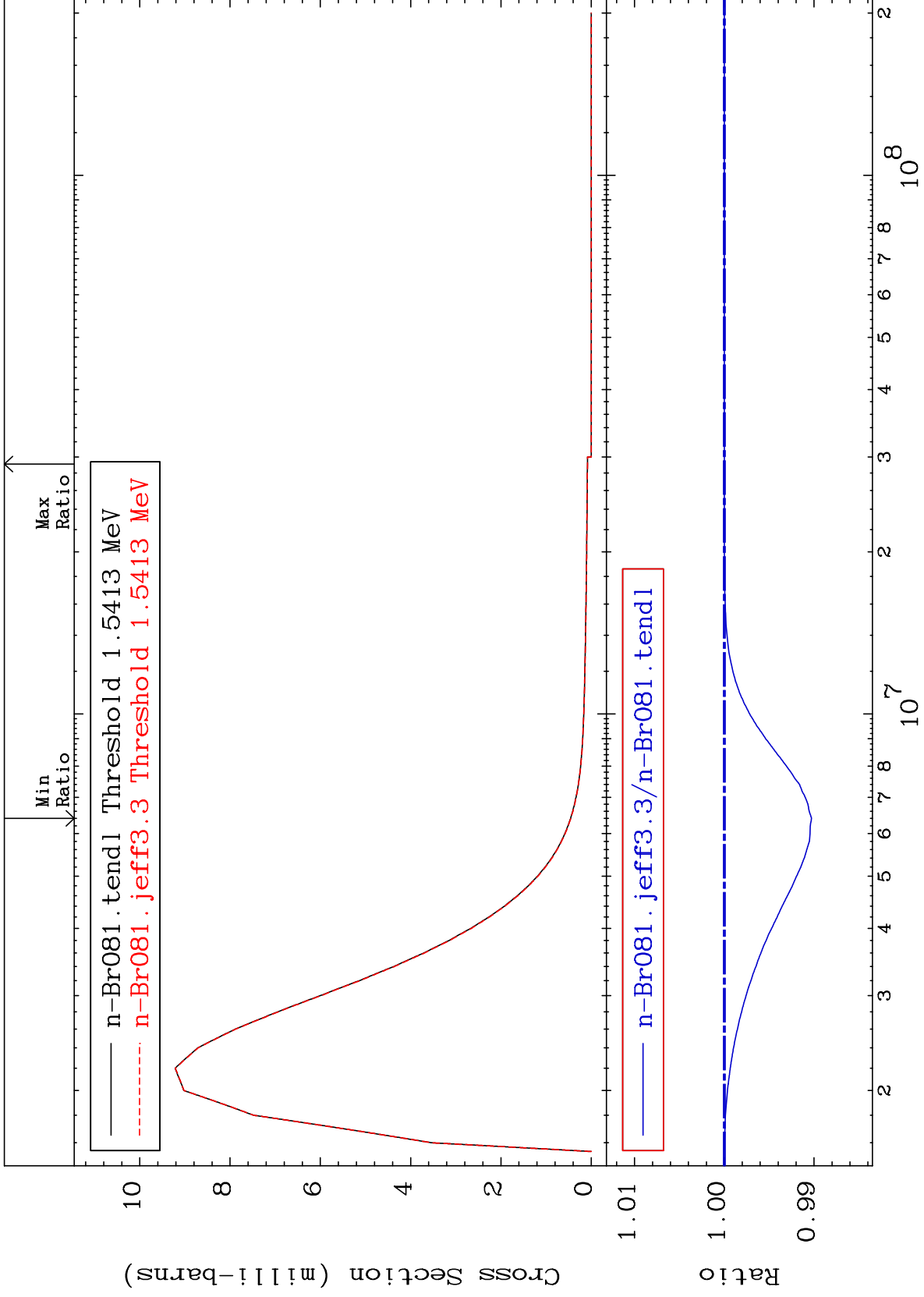
35-Br-81
-1.666 To 0.000 %



MAT 3531

MT= 79 (n,n') Level
Cross Section

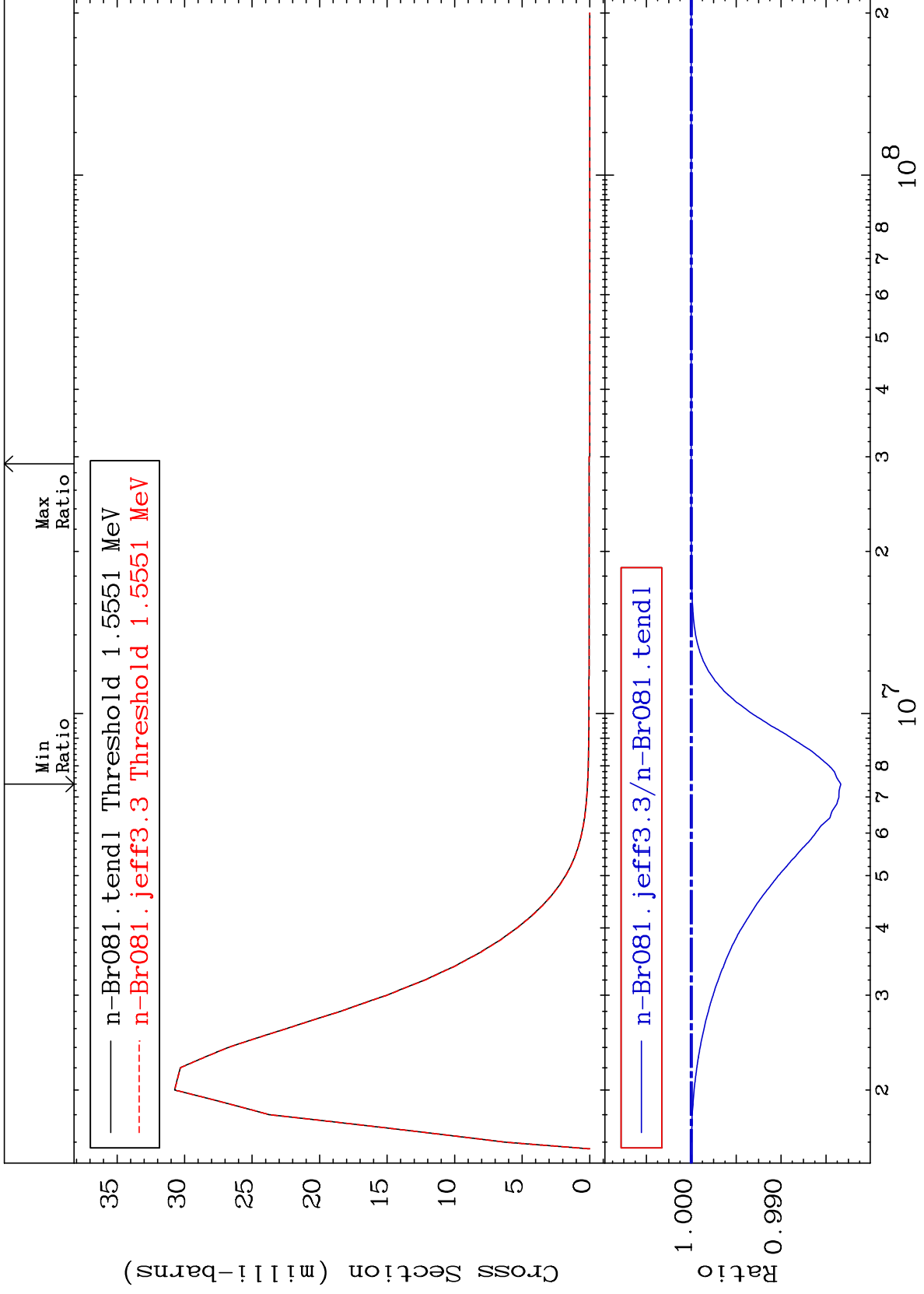
35-Br-81
-0.972 To 0.000 %



MAT 3531

MT= 80 (n,n') Level
Cross Section

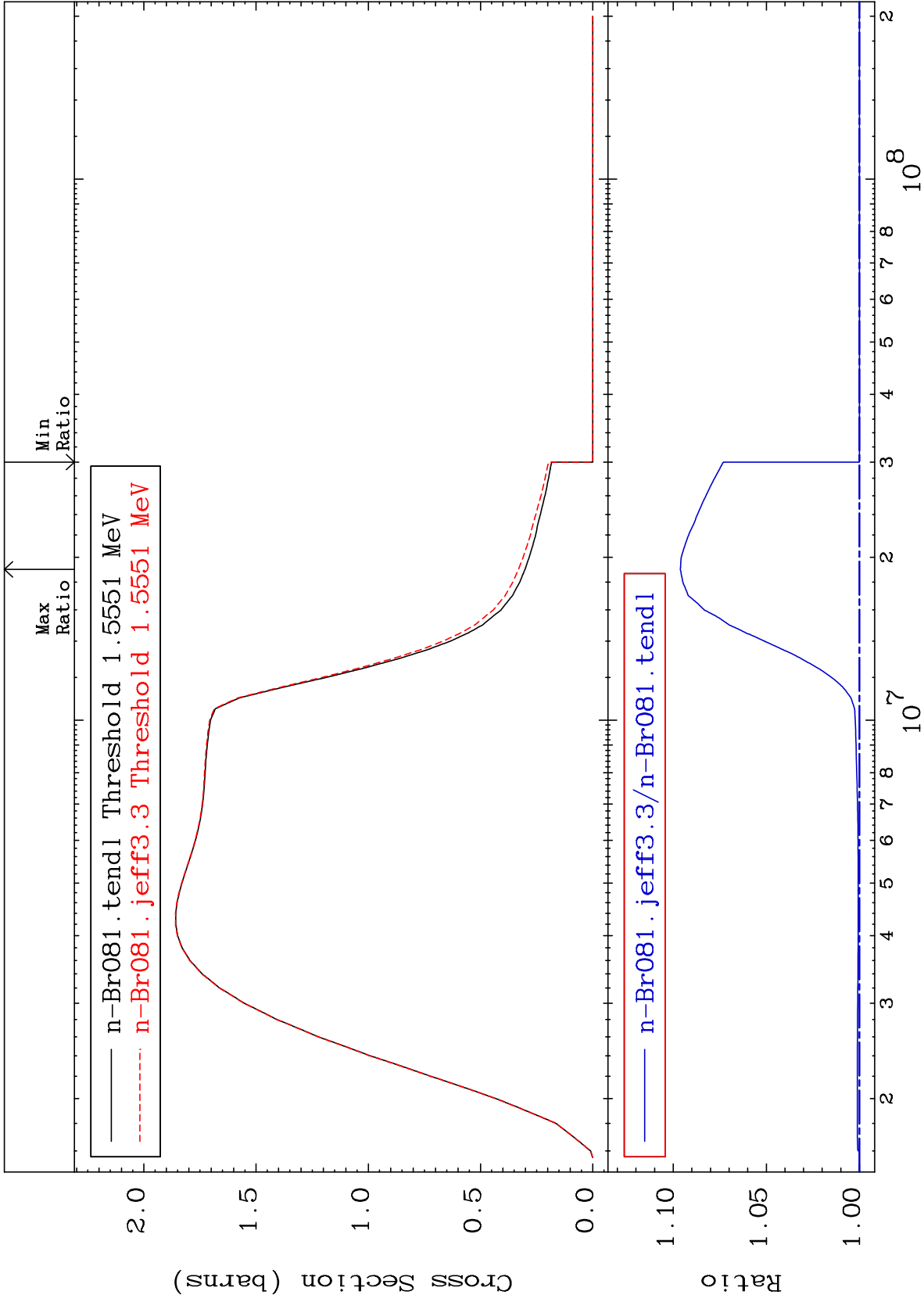
35-Br-81
-1.665 To 0.000 %



MAT 3531

(n, n') Continuum
Cross Section

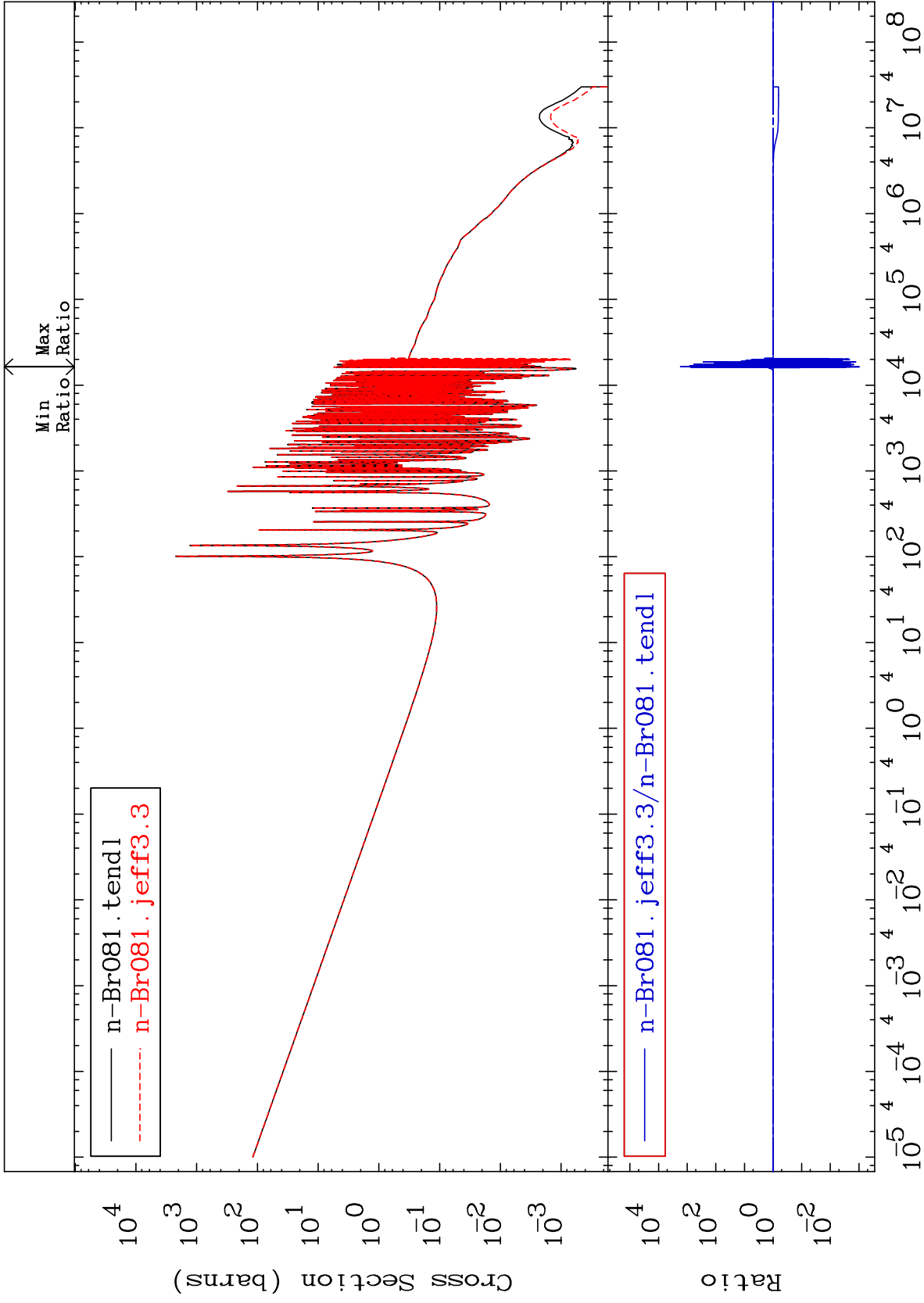
35-Br-81
0.000 To 9.618 %



50

Incident Energy (eV)

35-Br-81



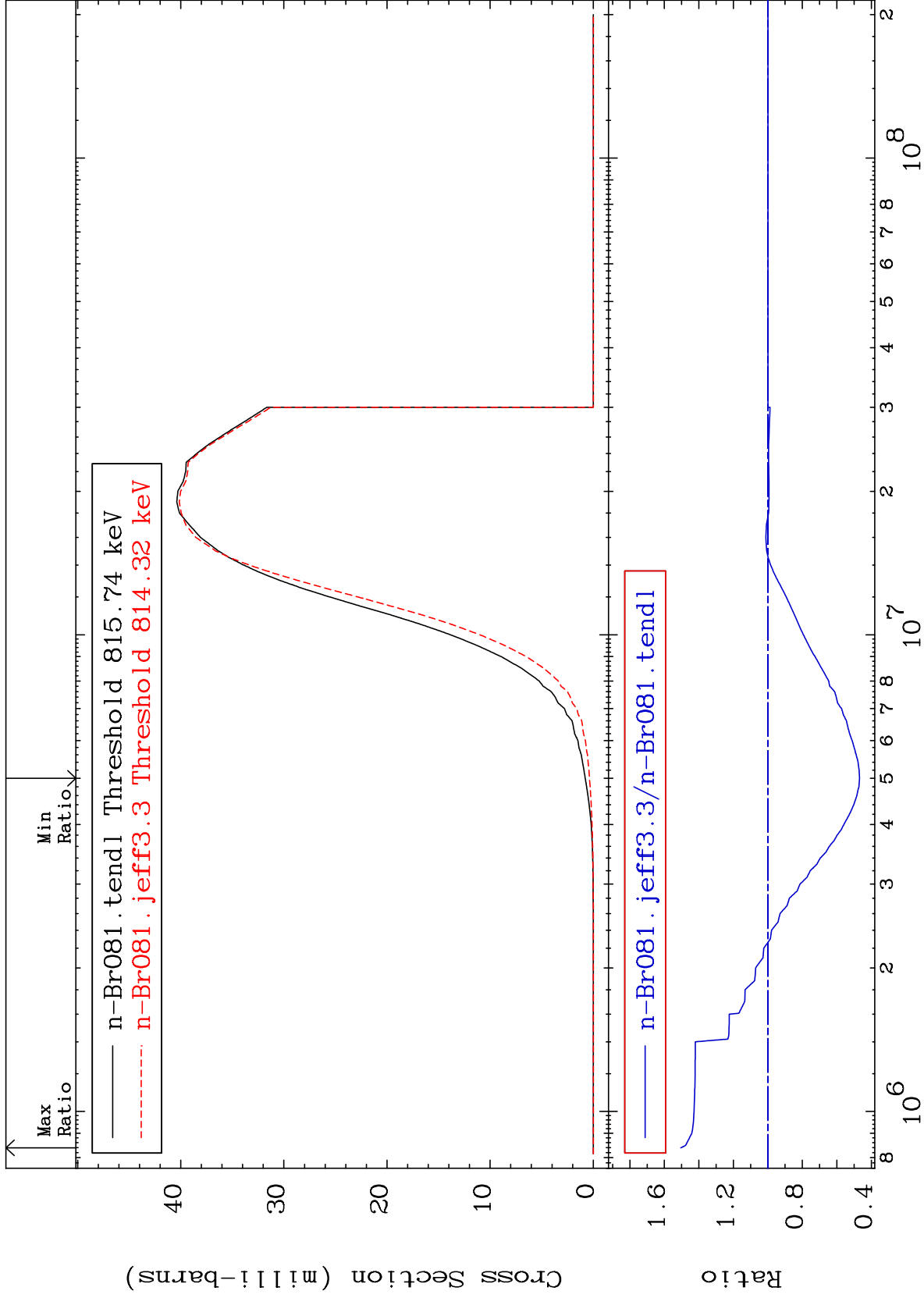
MAT 3531

(n, p)

³⁵Br-81

Cross Section

-53.16 To 50.49 %



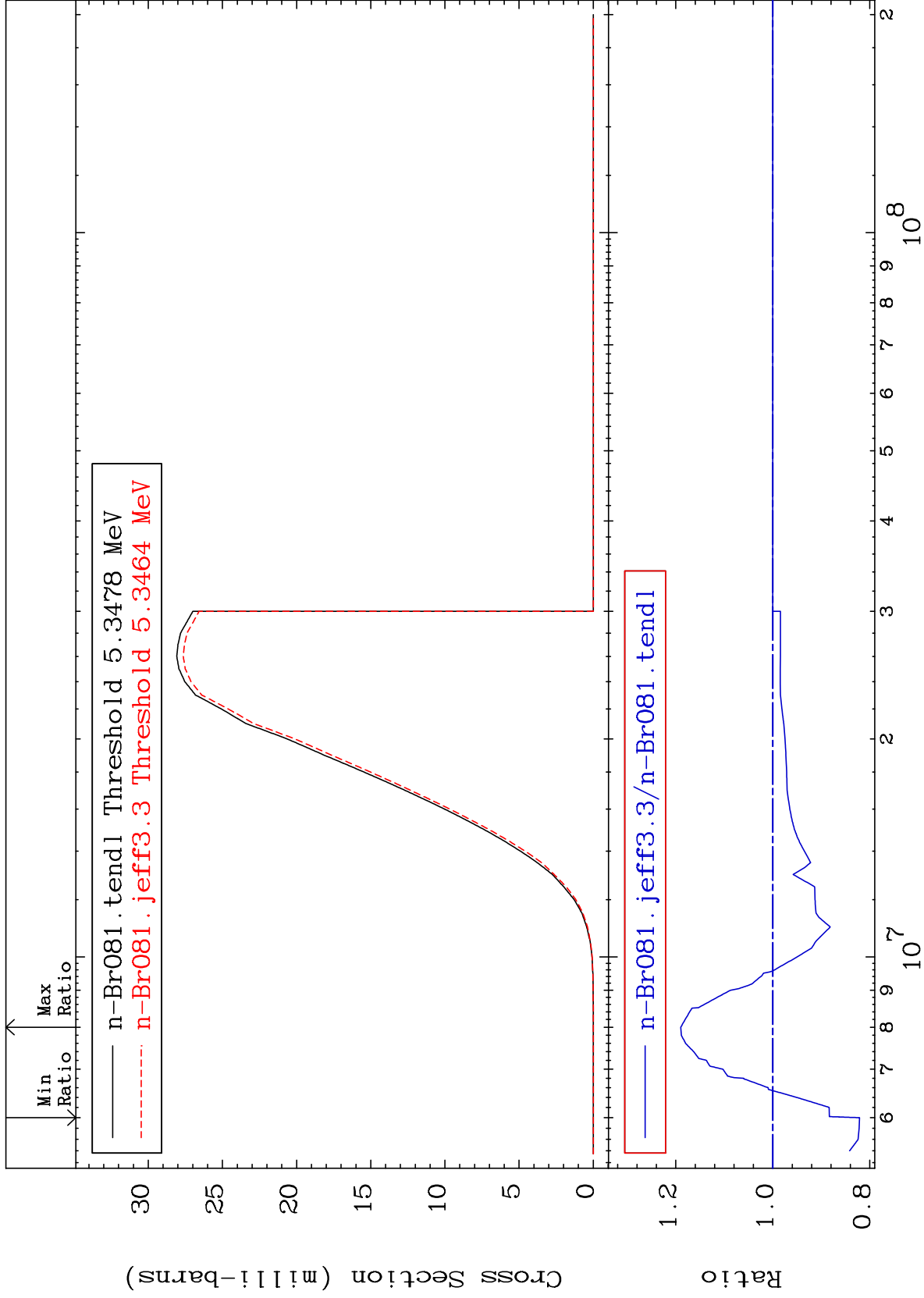
52

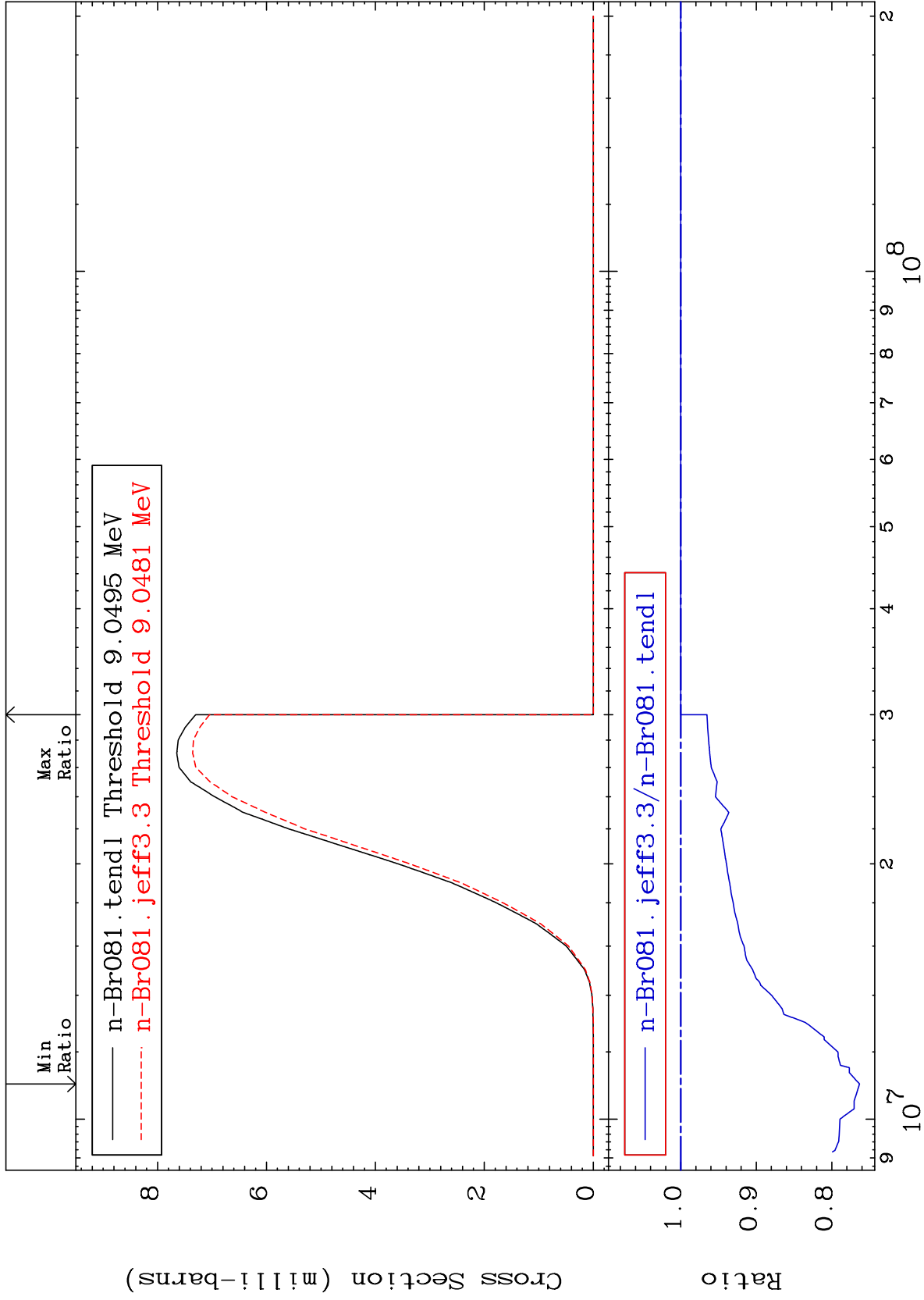
Incident Energy (eV)

³⁵Br-81

Cross Section

-17.88 To 18.98 %





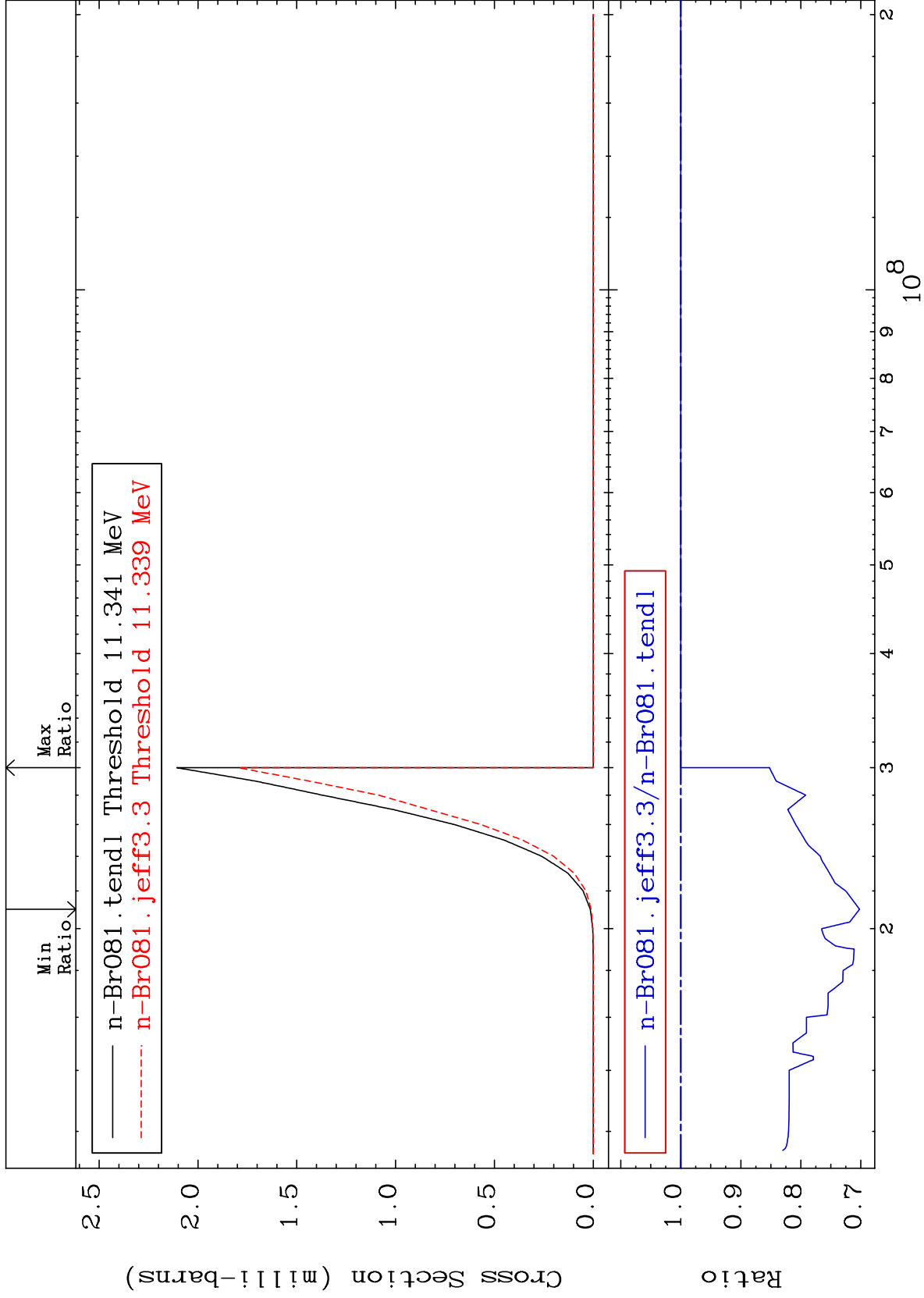
MAT 3531

(n, He-3)

35-Br-81

Cross Section

-29.79 To 0.000 %



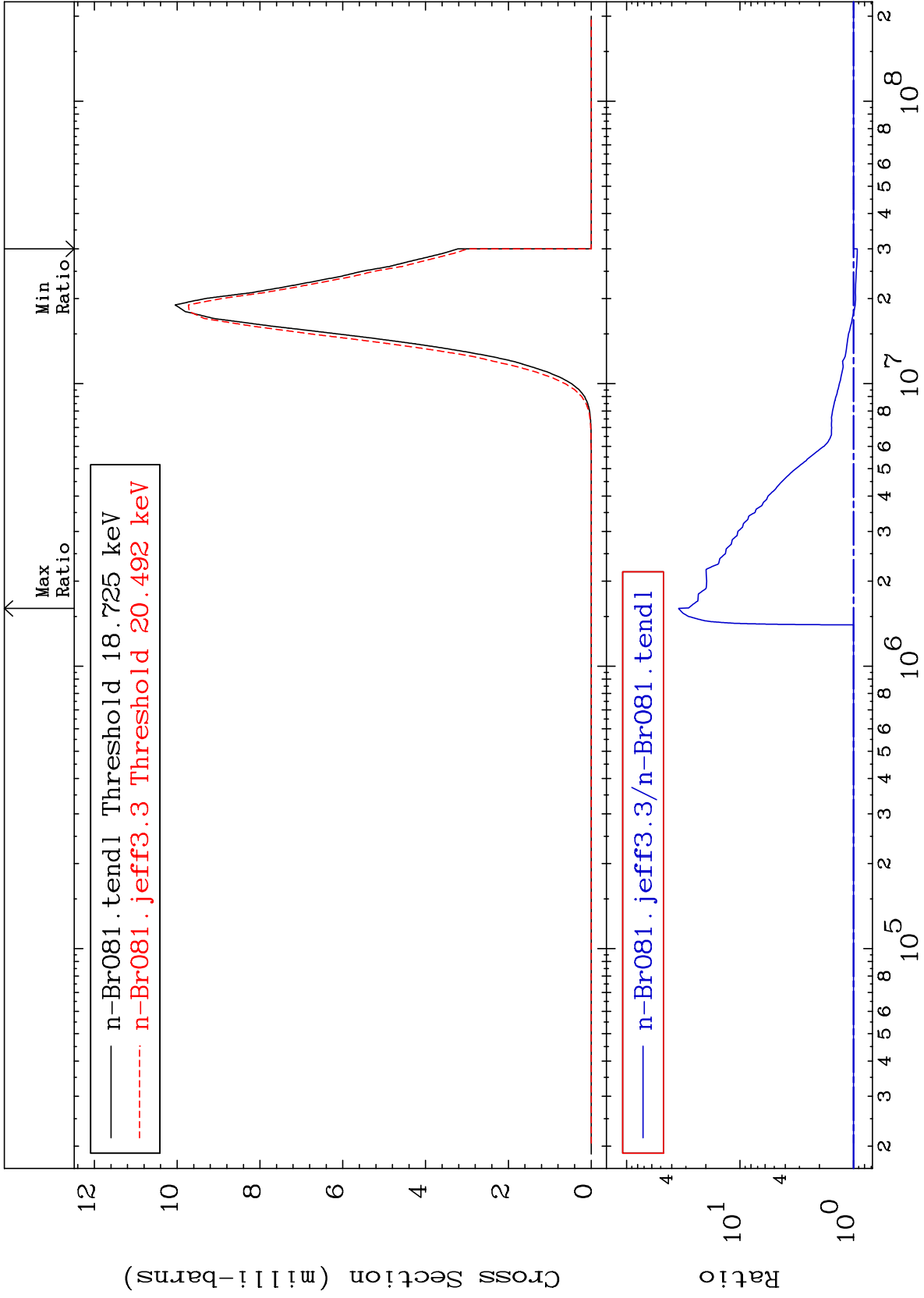
55

Incident Energy (eV)

35-Br-81

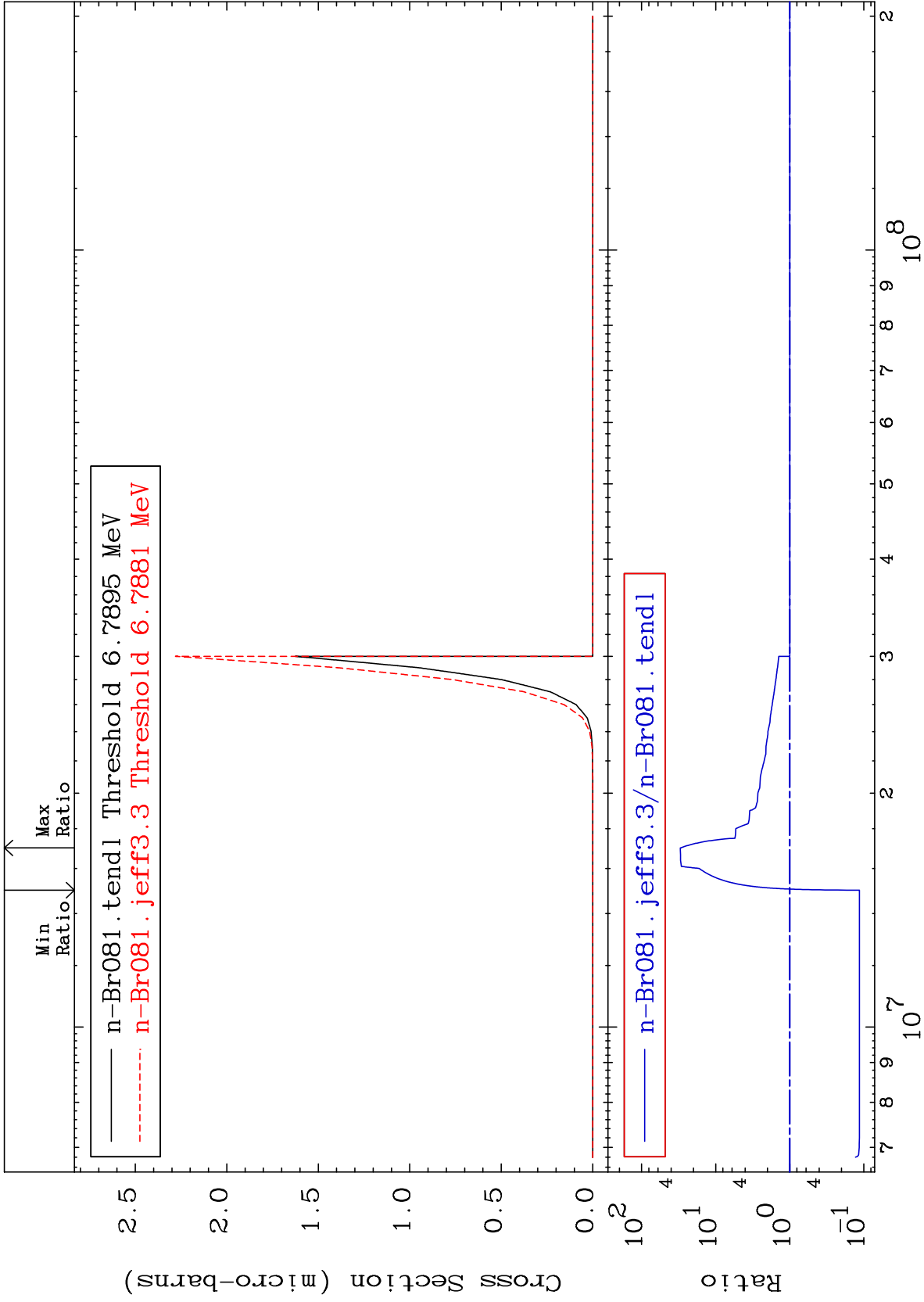
MAT 3531

(n, α)
Cross Section
35-Br-81
-7.277 To 3374. %



Cross Section

-88.57 To 2898. %



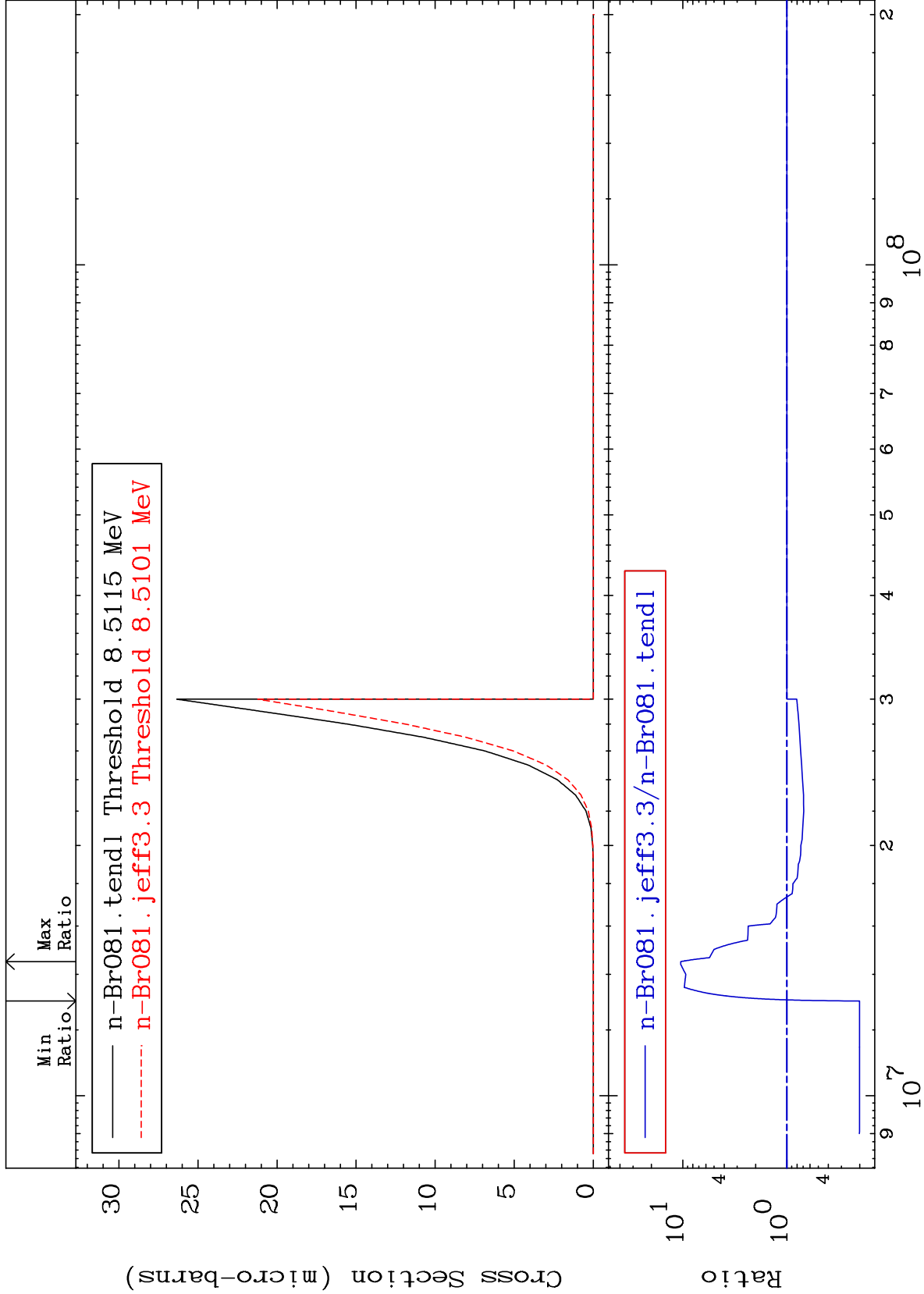
MAT 3531

(n, p) α

35-Br-81

Cross Section

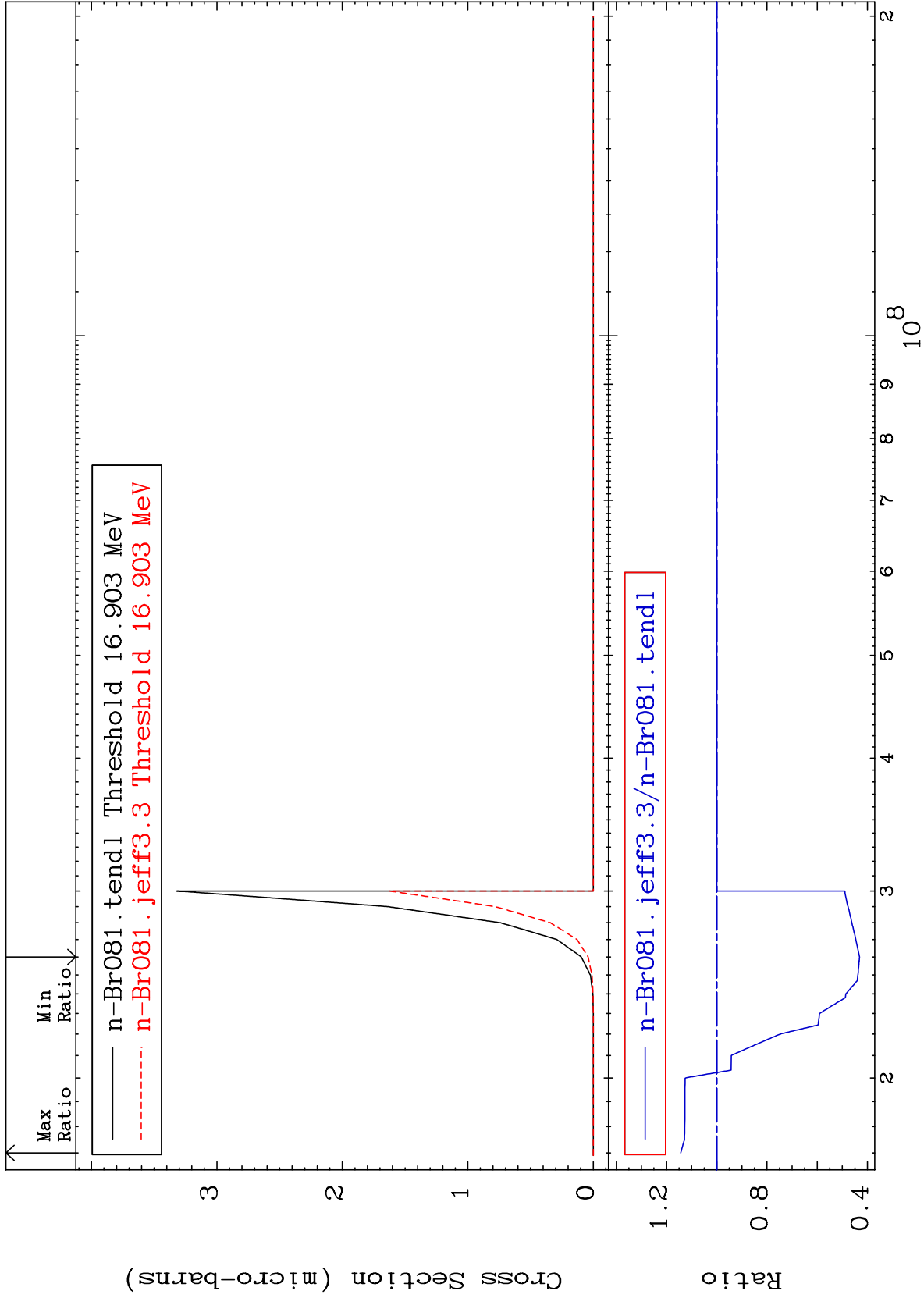
-79.91 To 944.5 %



59

Incident Energy (eV)

35-Br-81



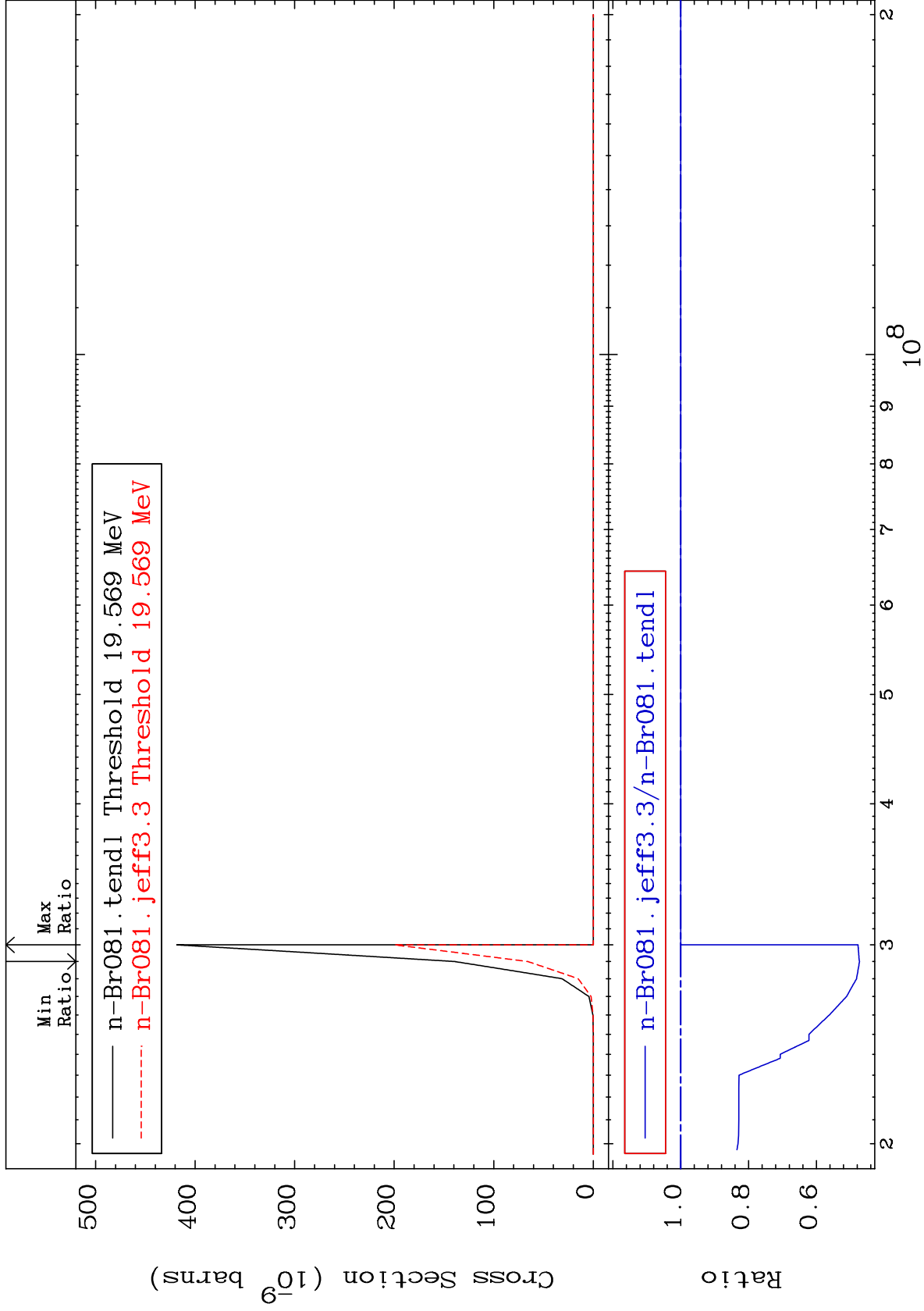
MAT 3531

(n, p) t

35-Br-81

Cross Section

-52.70 To 0.000 %



61

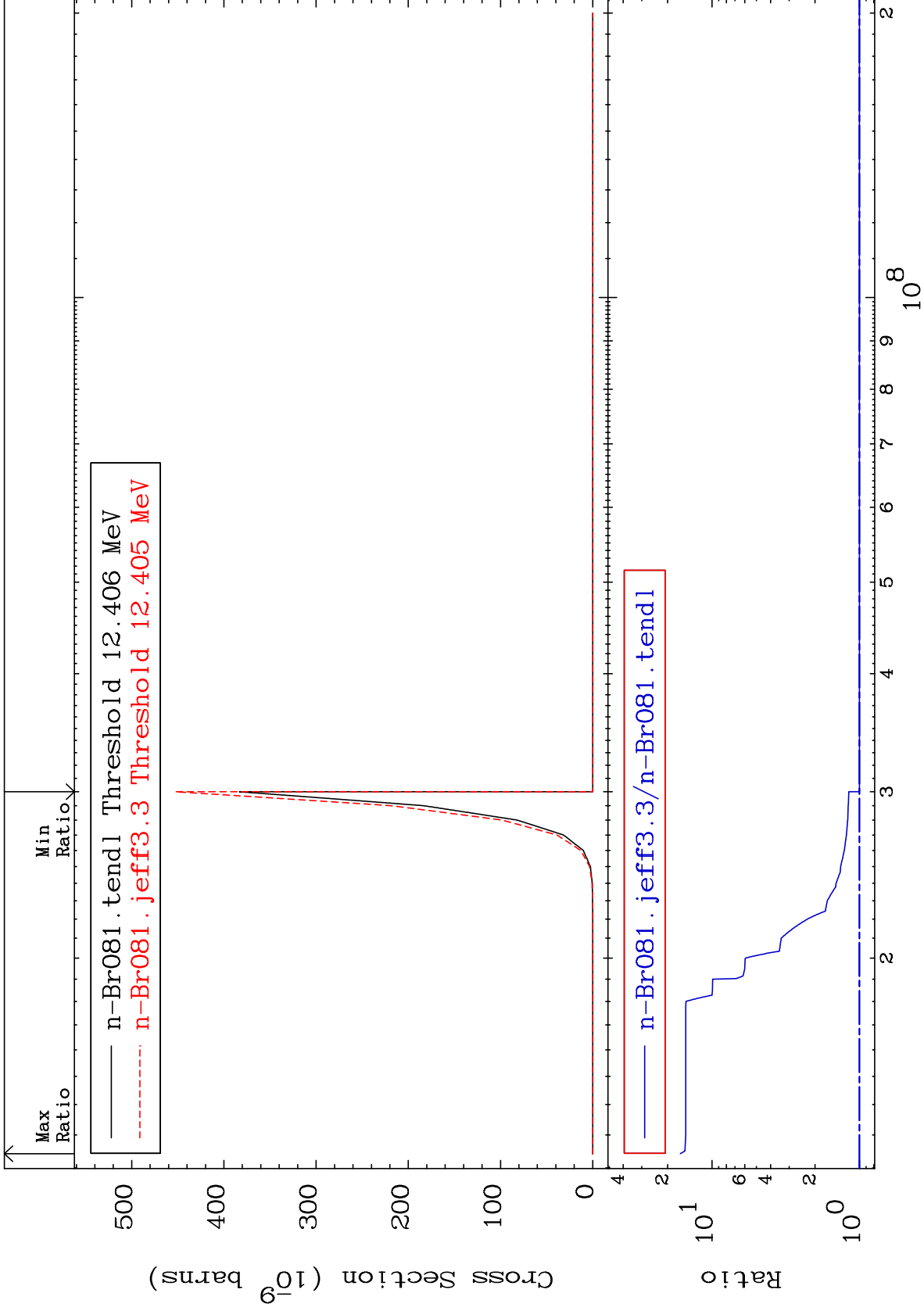
Incident Energy (eV)

35-Br-81

MAT 3531

(n, d) α
Cross Section

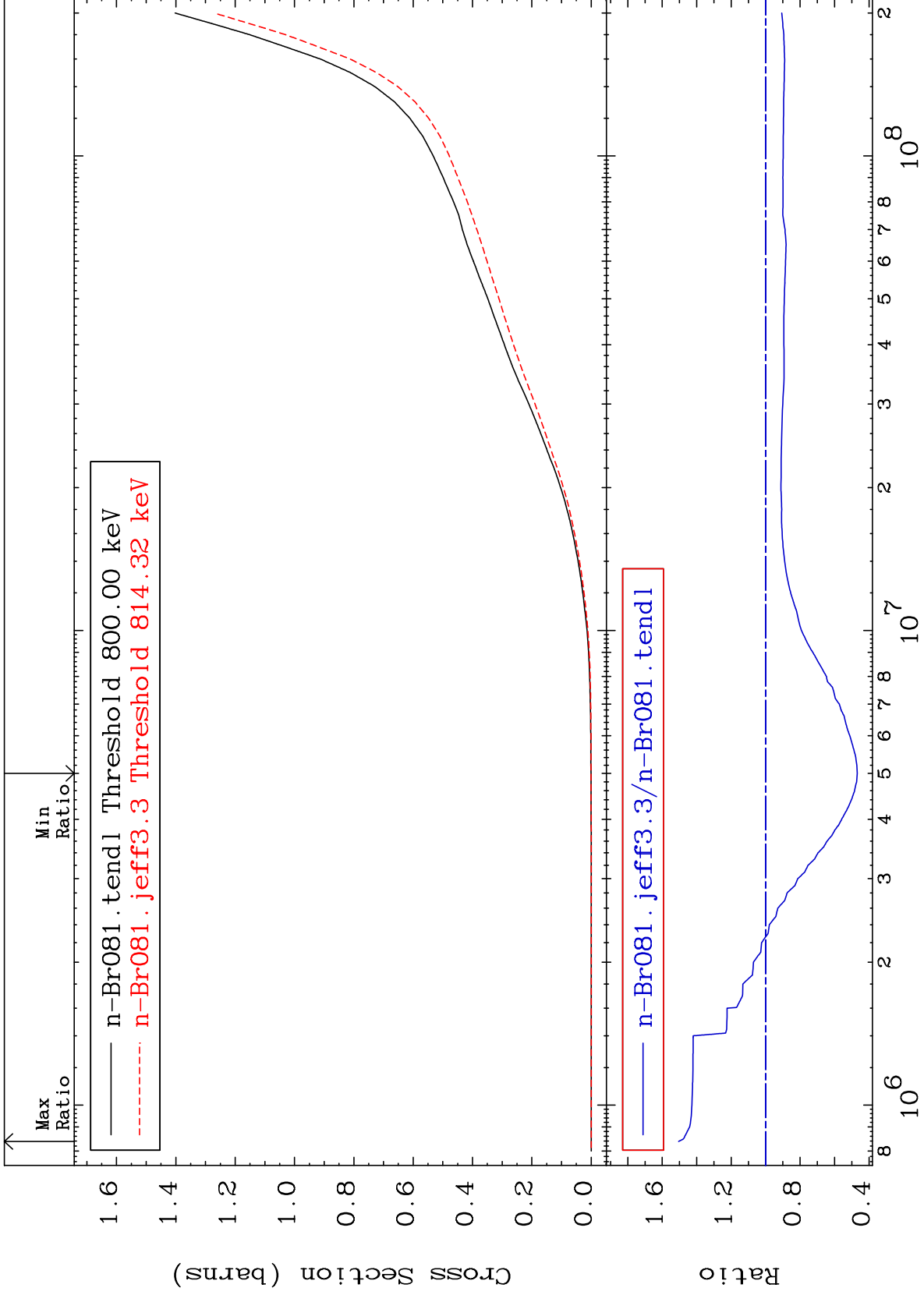
35-Br-81
0.000 To 1540. %



MAT 3531

Hydrogen Production
Cross Section

³⁵Br-81
-53.16 To 50.49 %



63

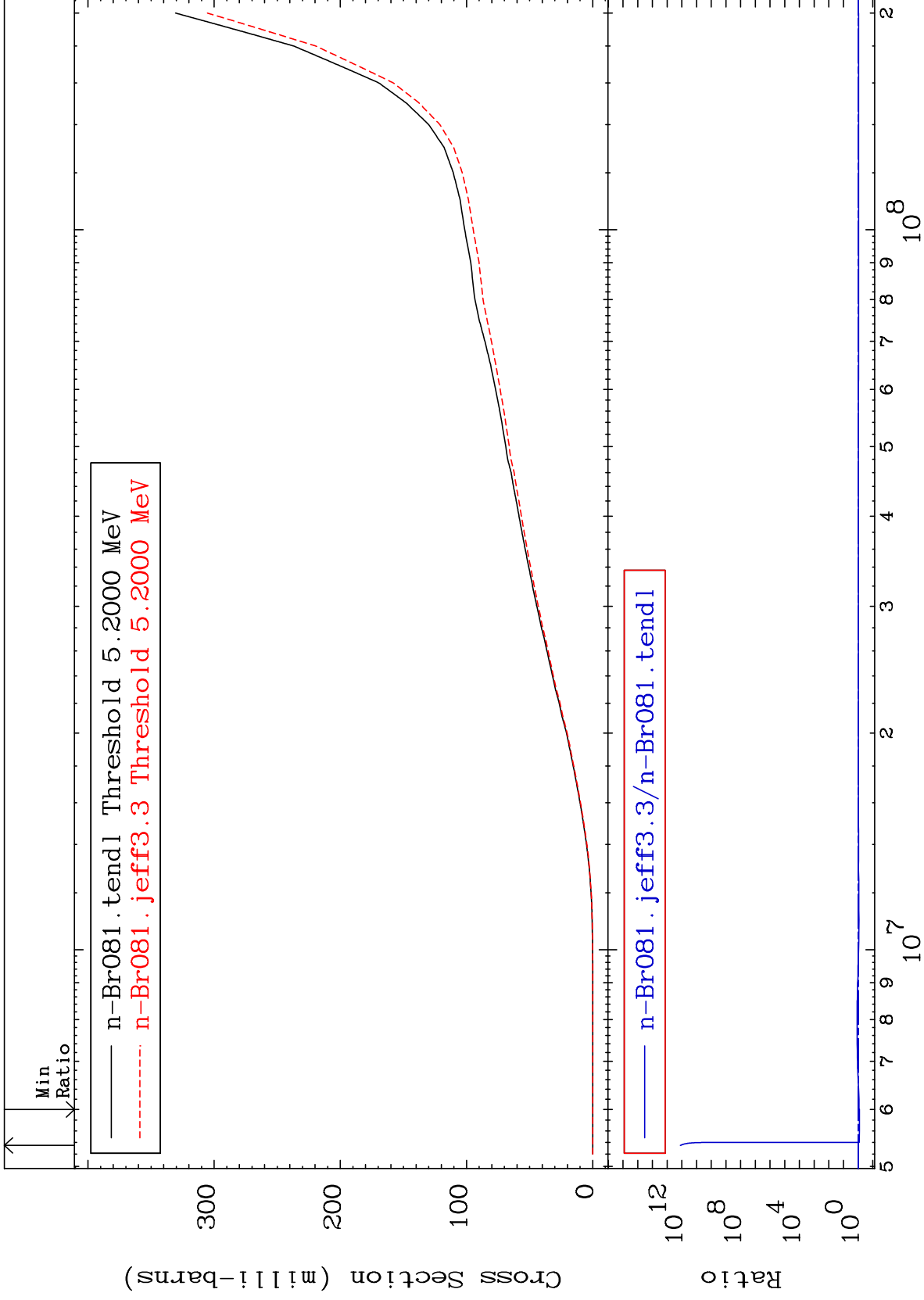
Incident Energy (eV)

³⁵Br-81

MAT 3531

Deuterium Production
Cross Section

³⁵Br-81
-17.88 To 9999. %



64

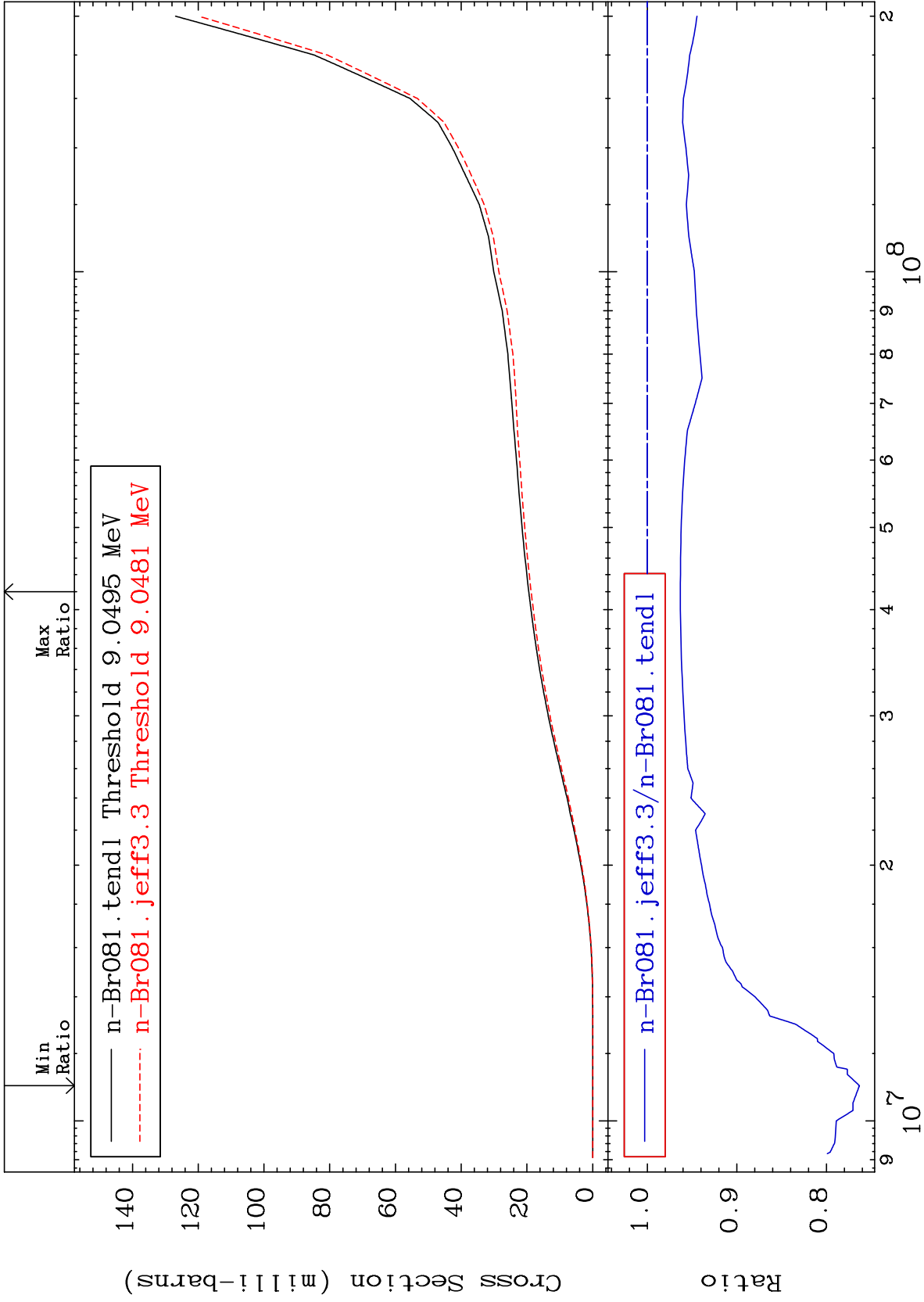
Incident Energy (eV)

³⁵Br-81

MAT 3531

Tritium Production
Cross Section

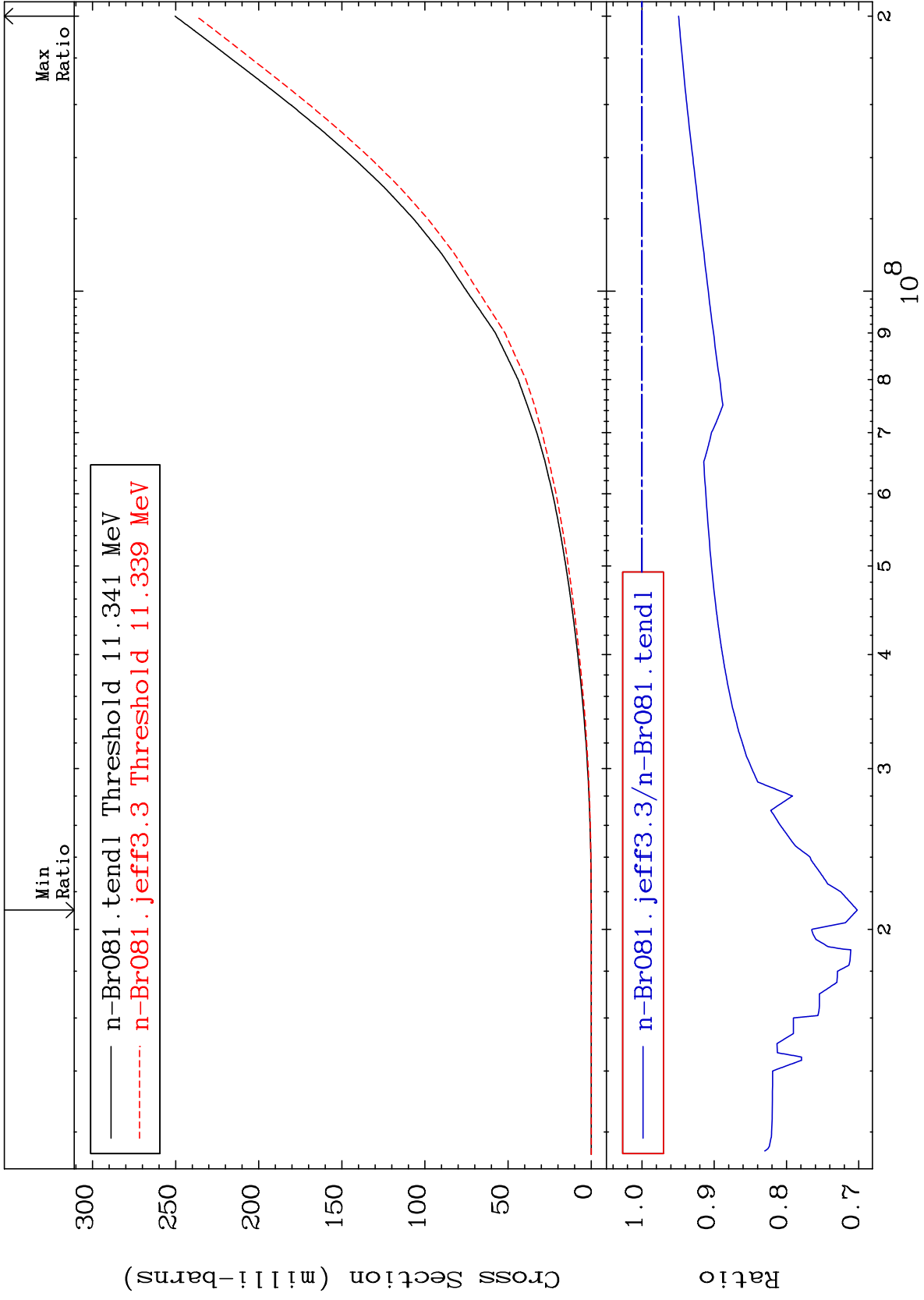
³⁵Br-81
-23.68 To -3.692%

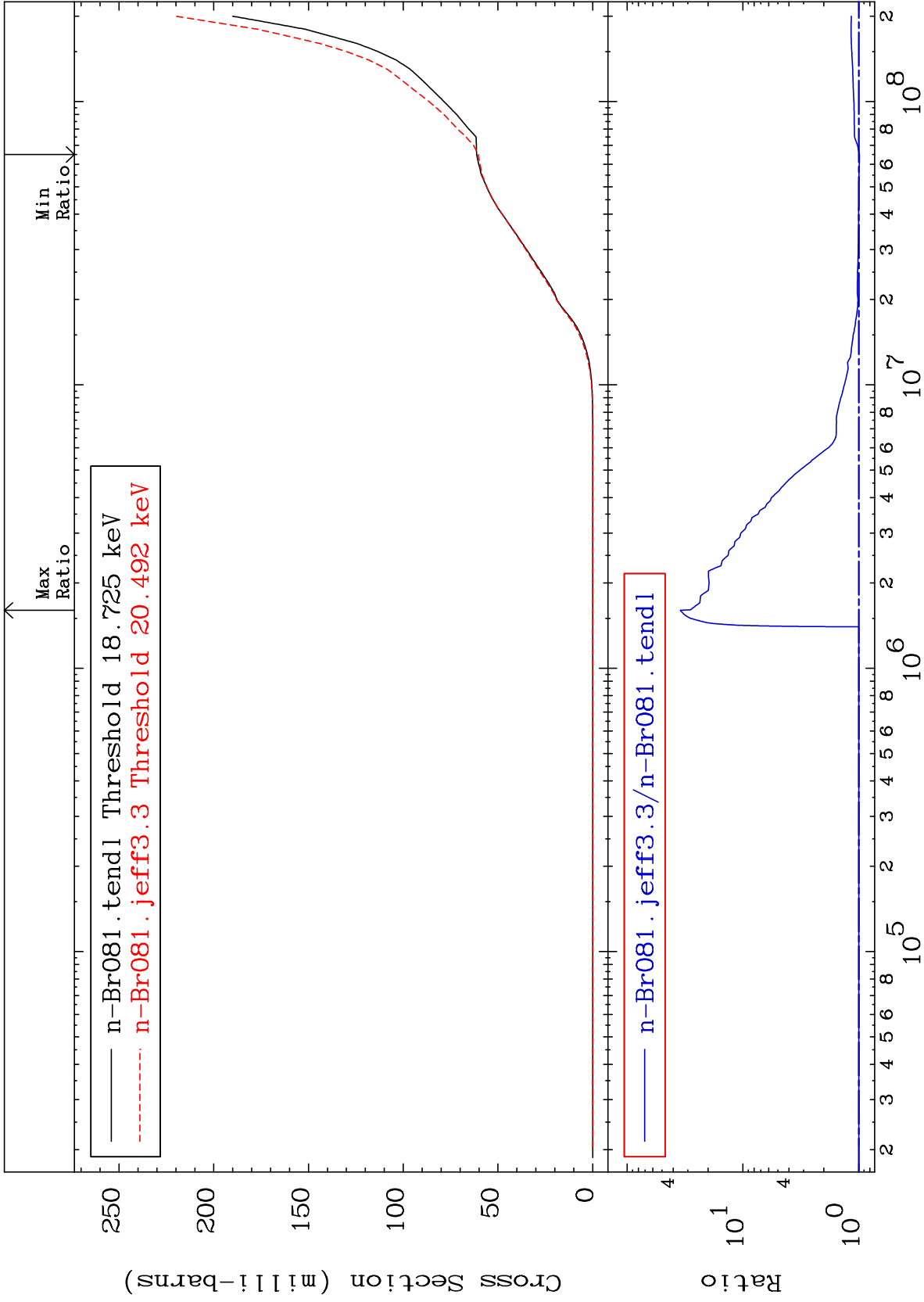


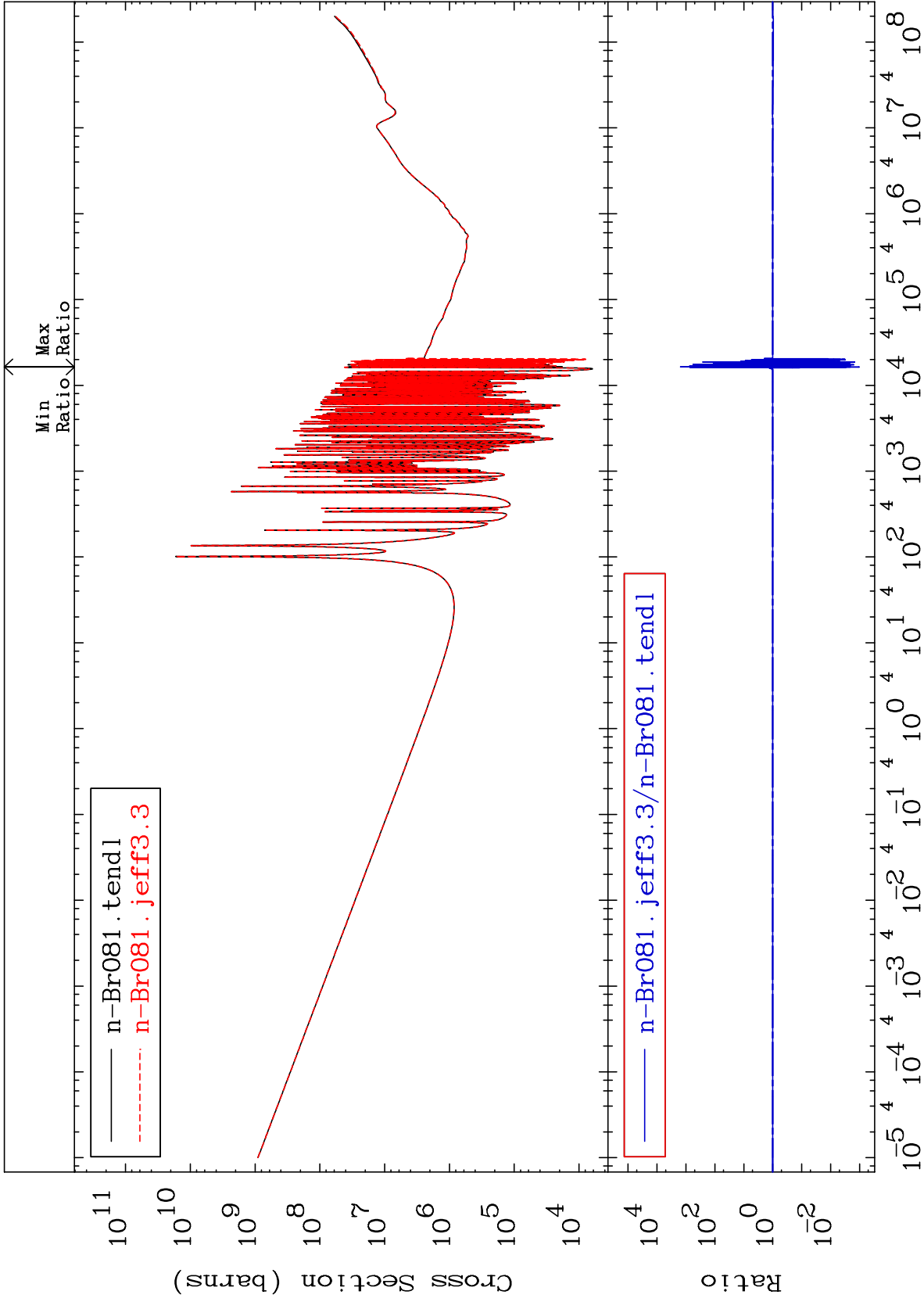
MAT 3531

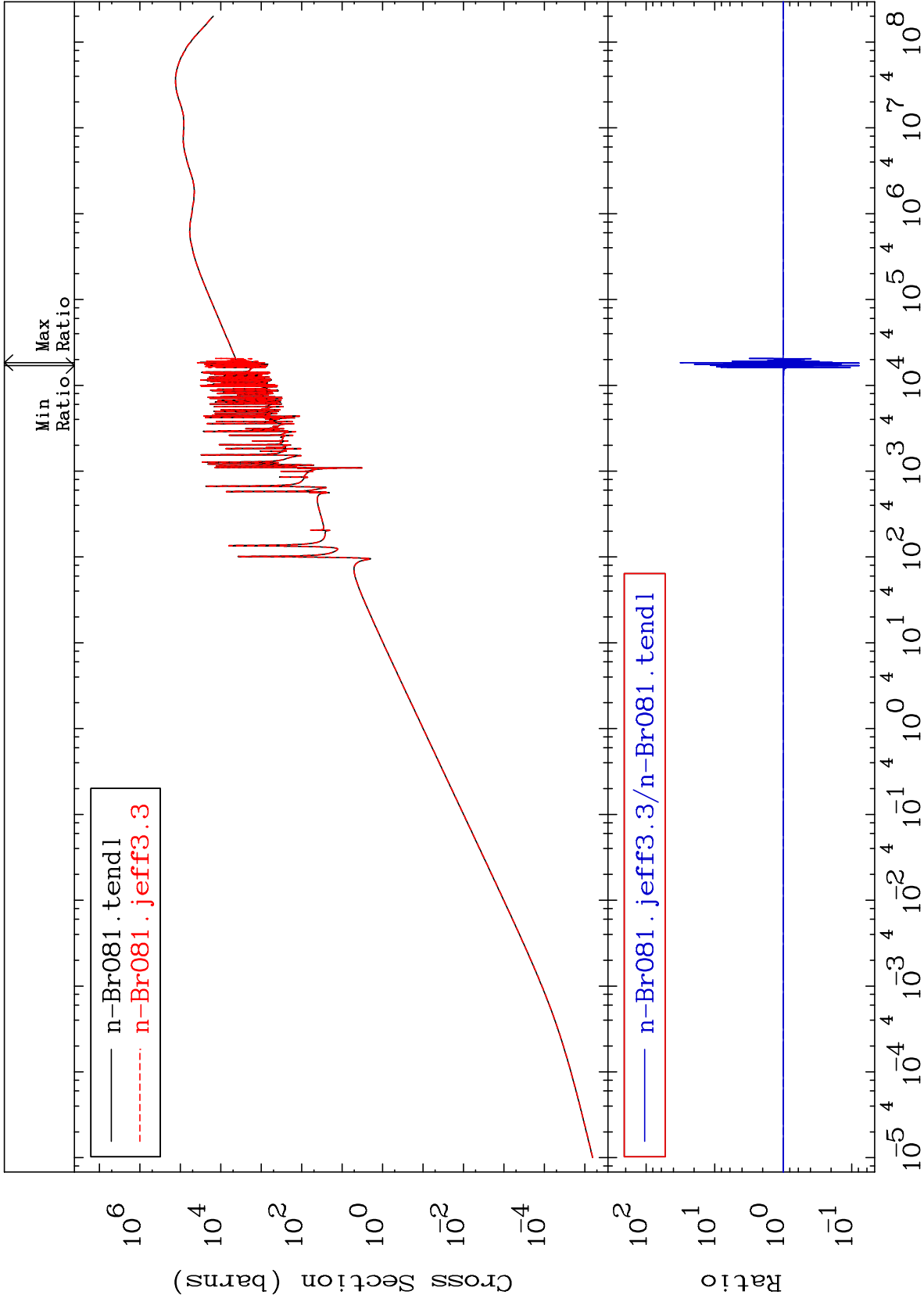
He-3 Production
Cross Section

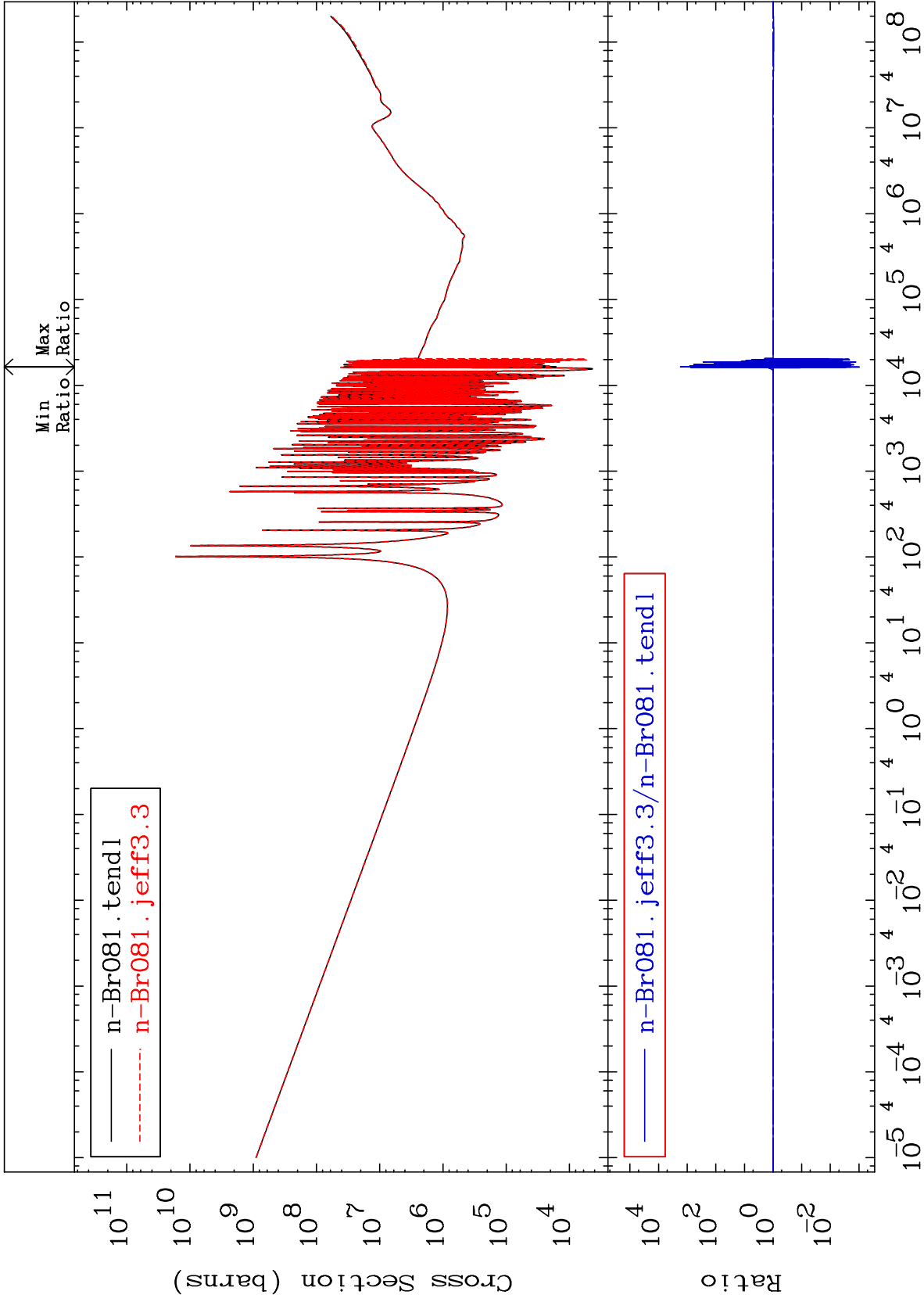
35-Br-81
-29.79 To -5.079%







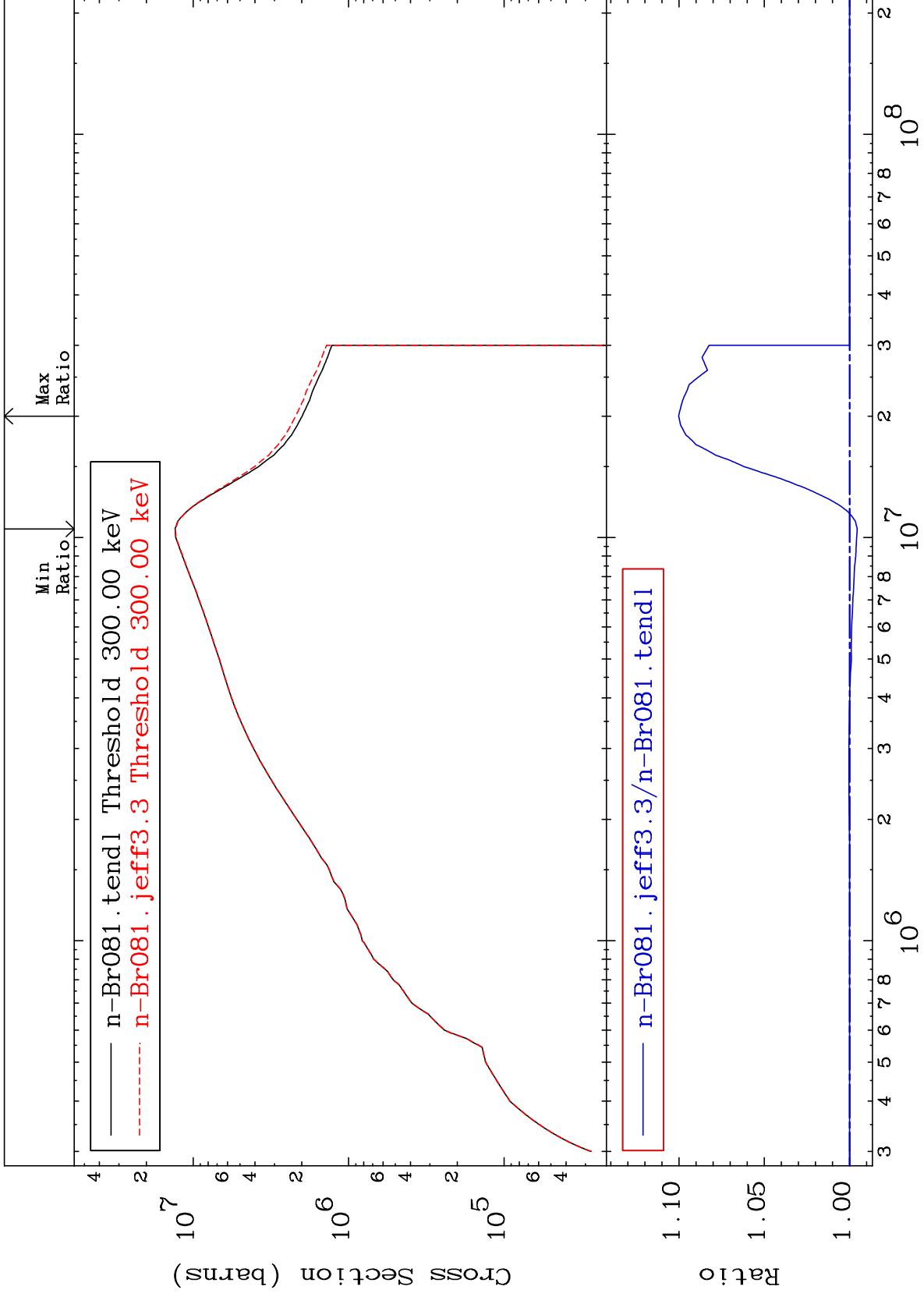




MAT 3531

Kerma inelastic (mt51-91)
Cross Section

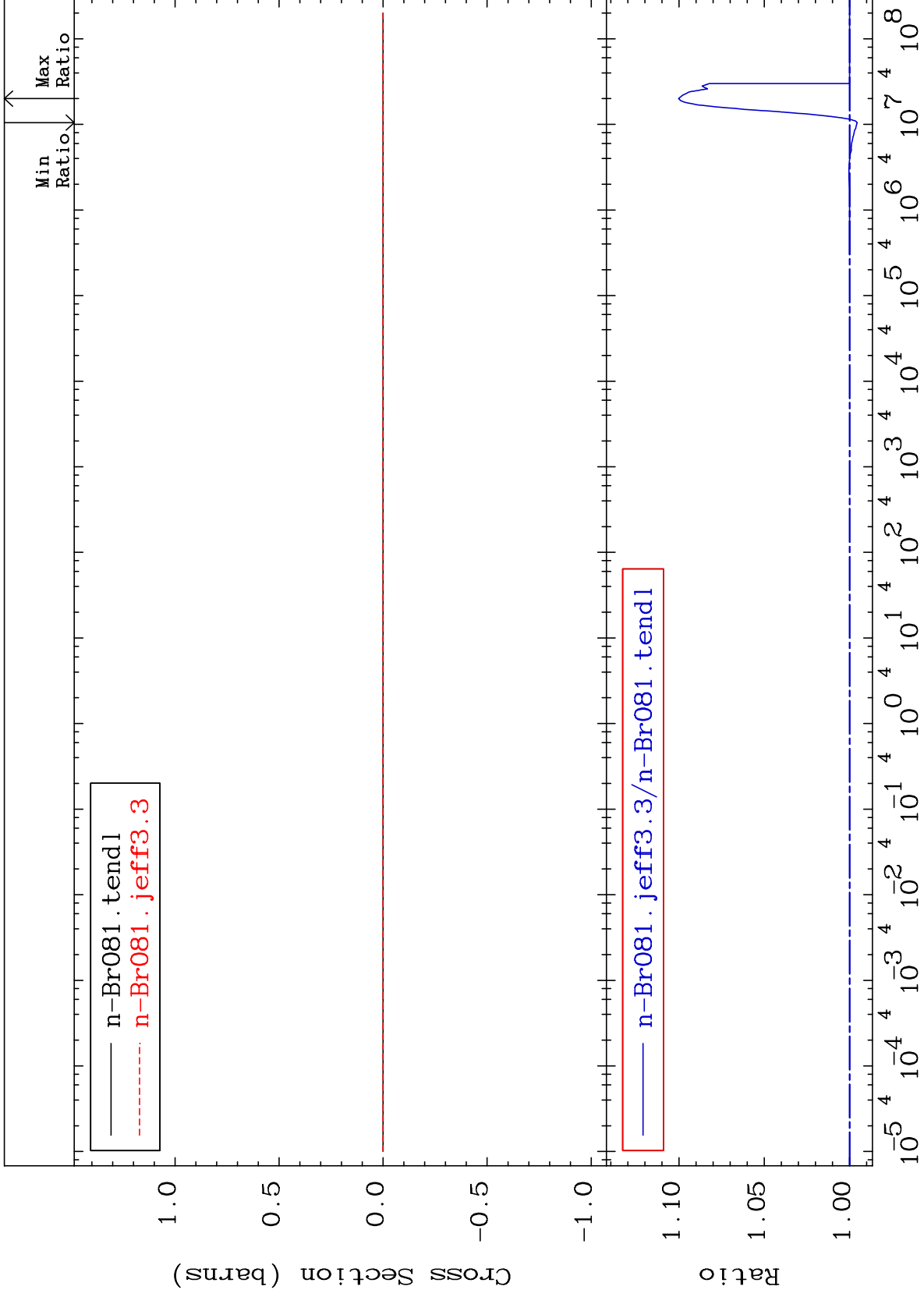
35-Br-81
-0.447 To 10.02 %

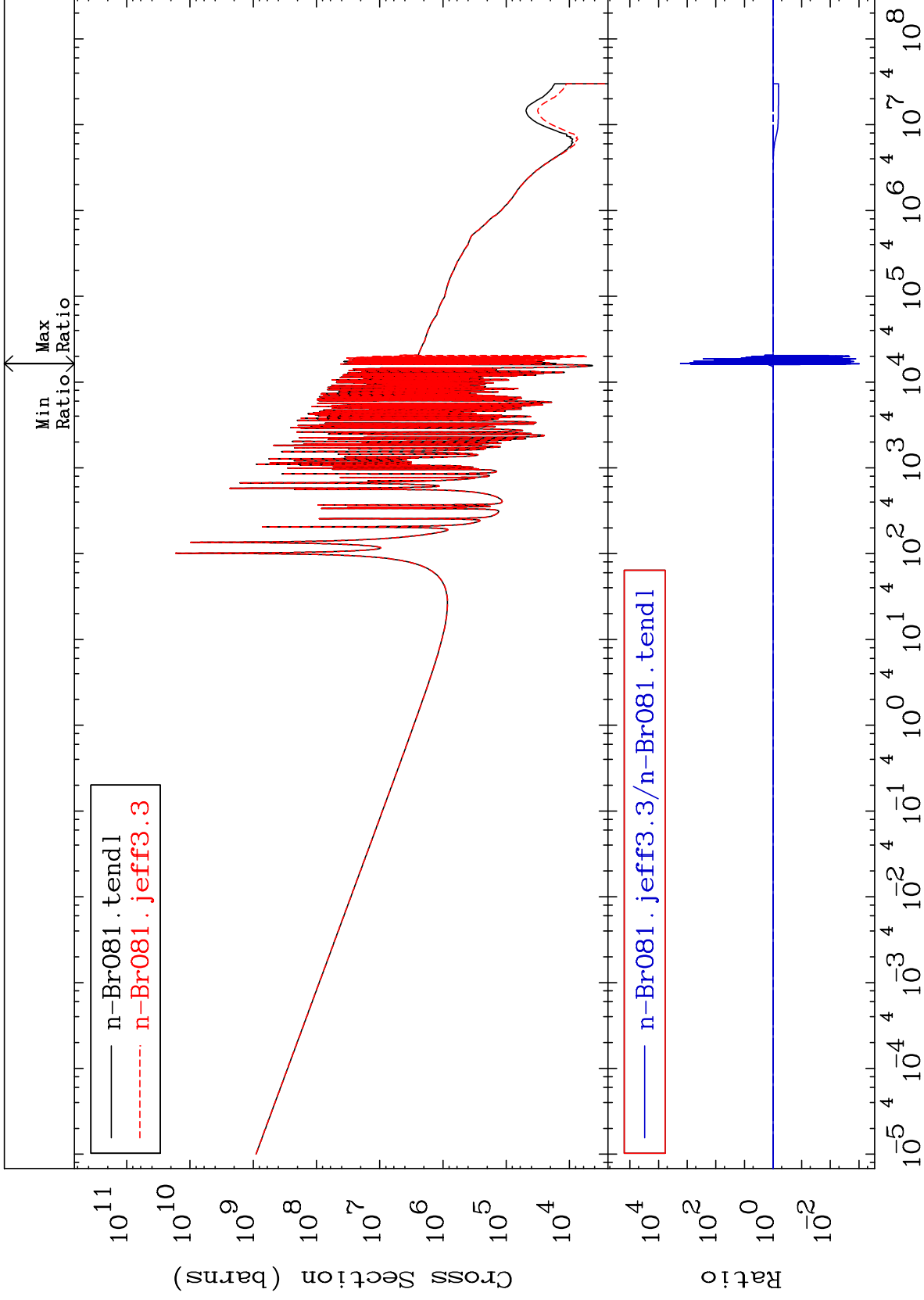


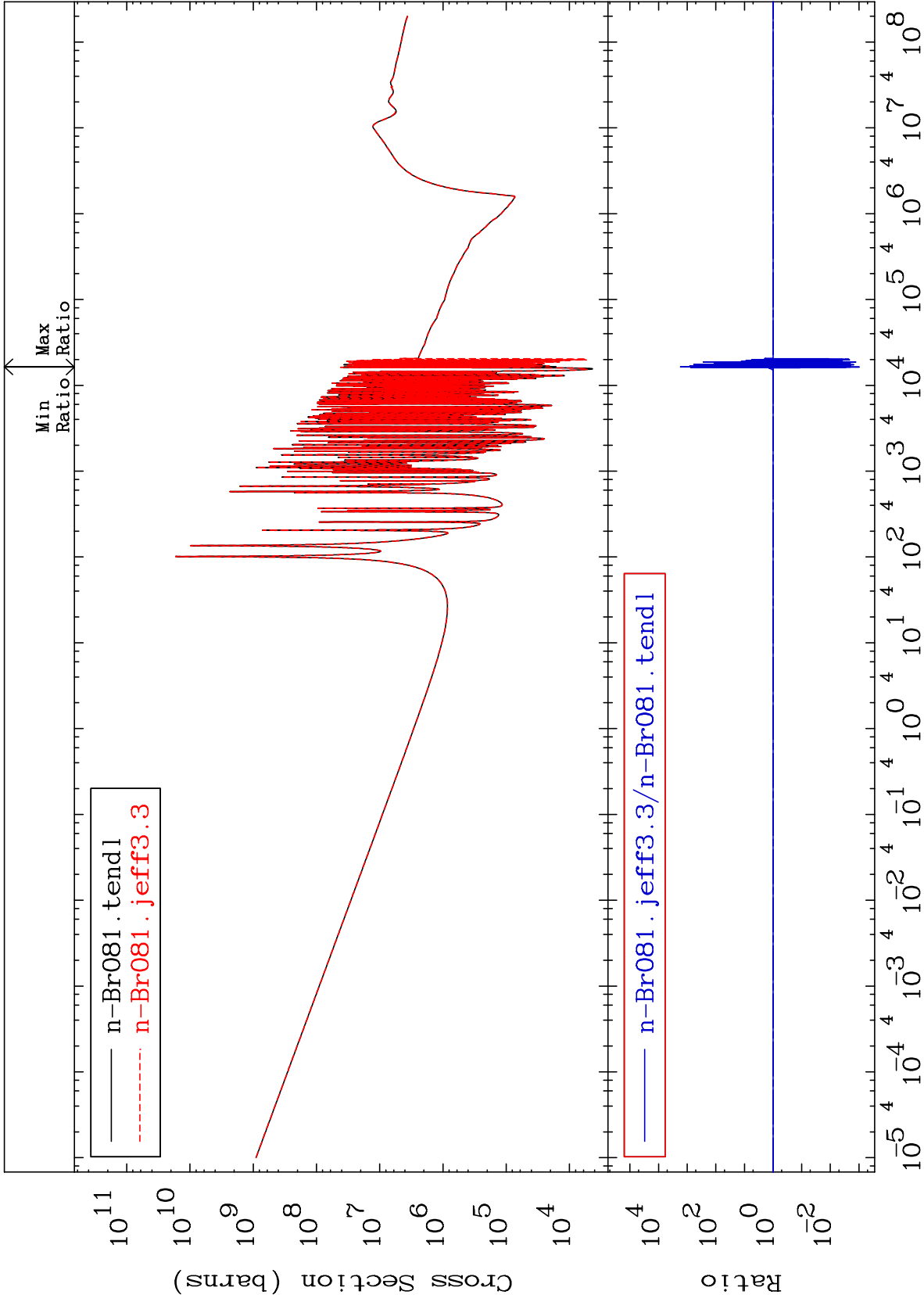
71

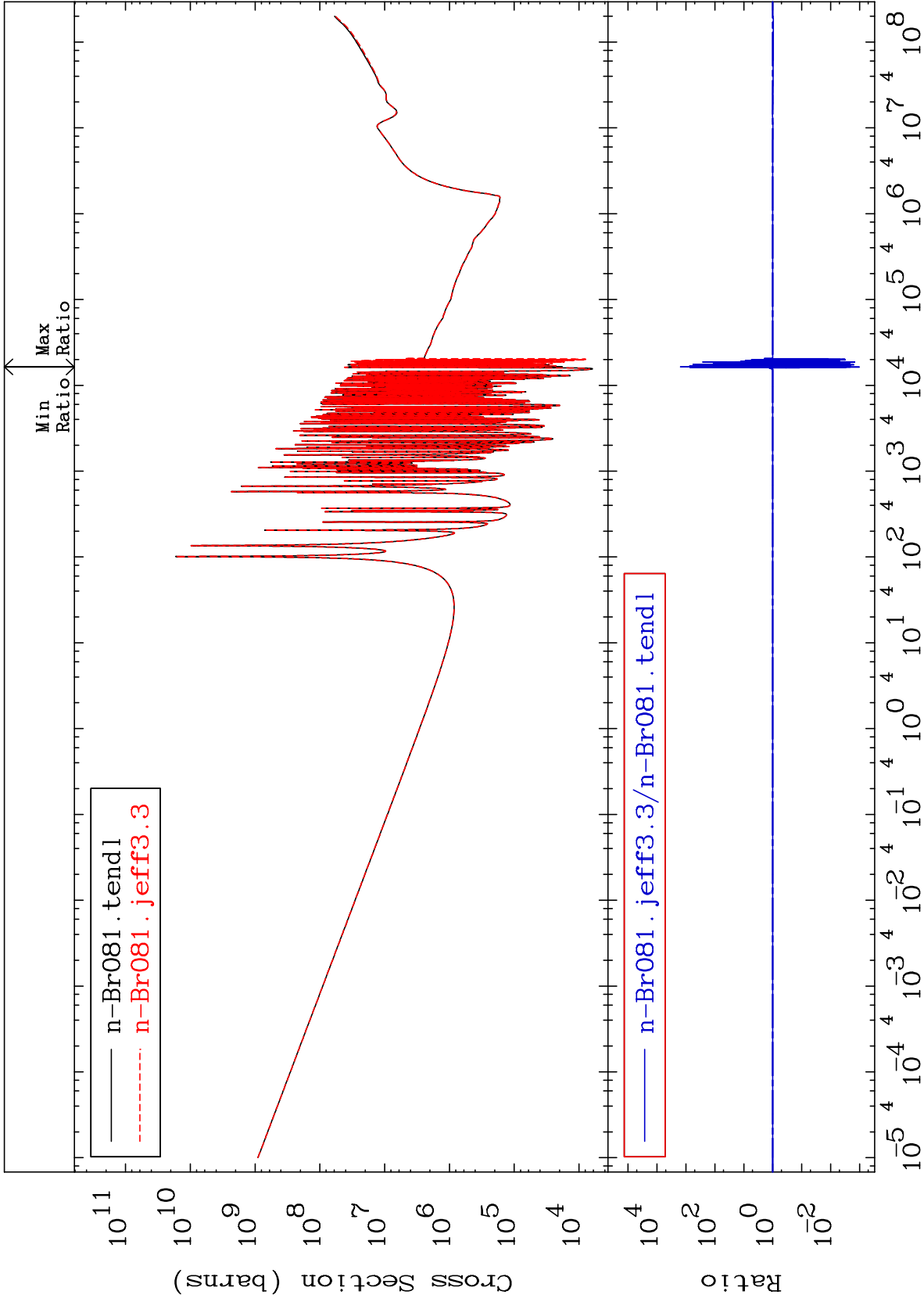
Incident Energy (eV)

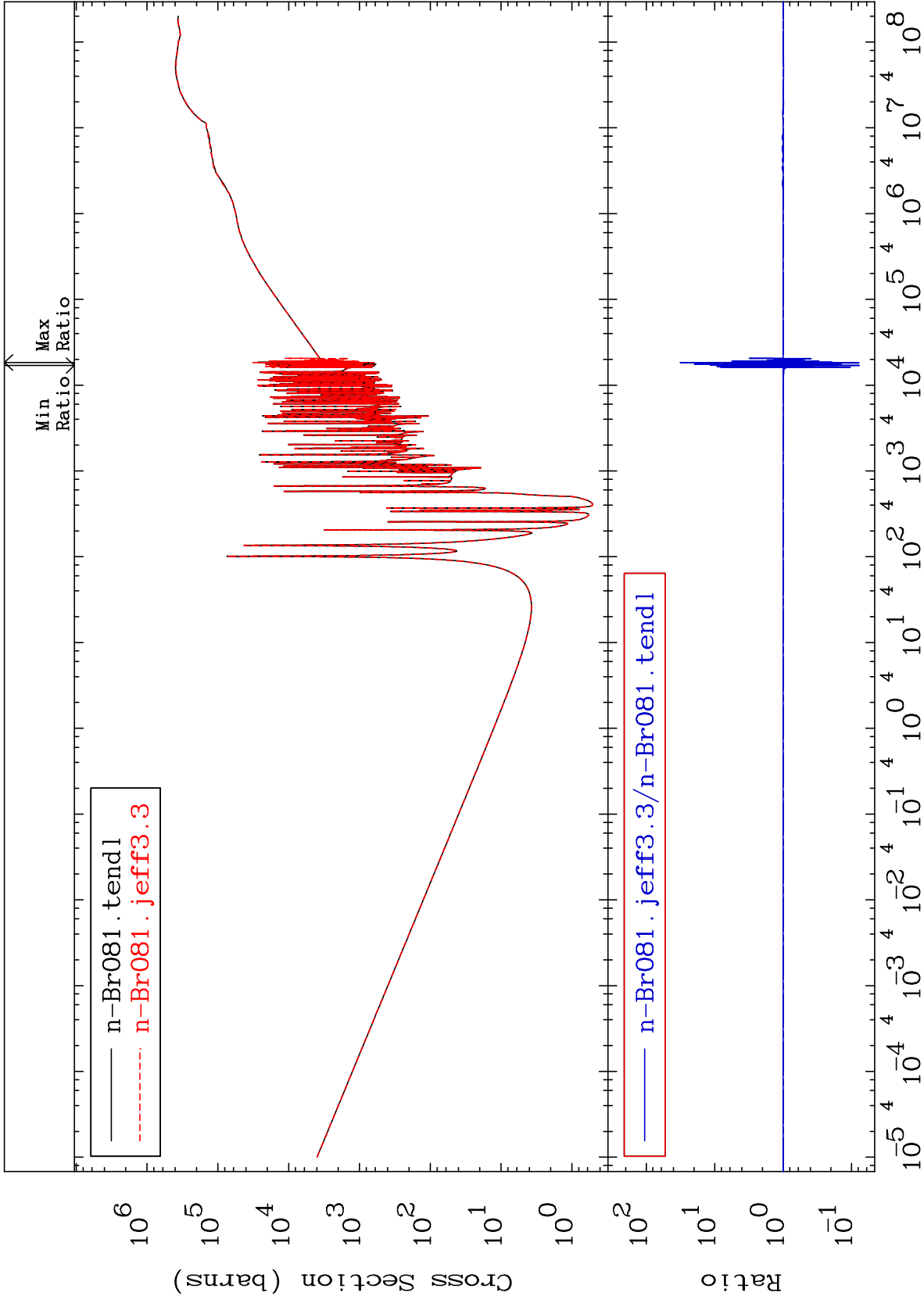
35-Br-81

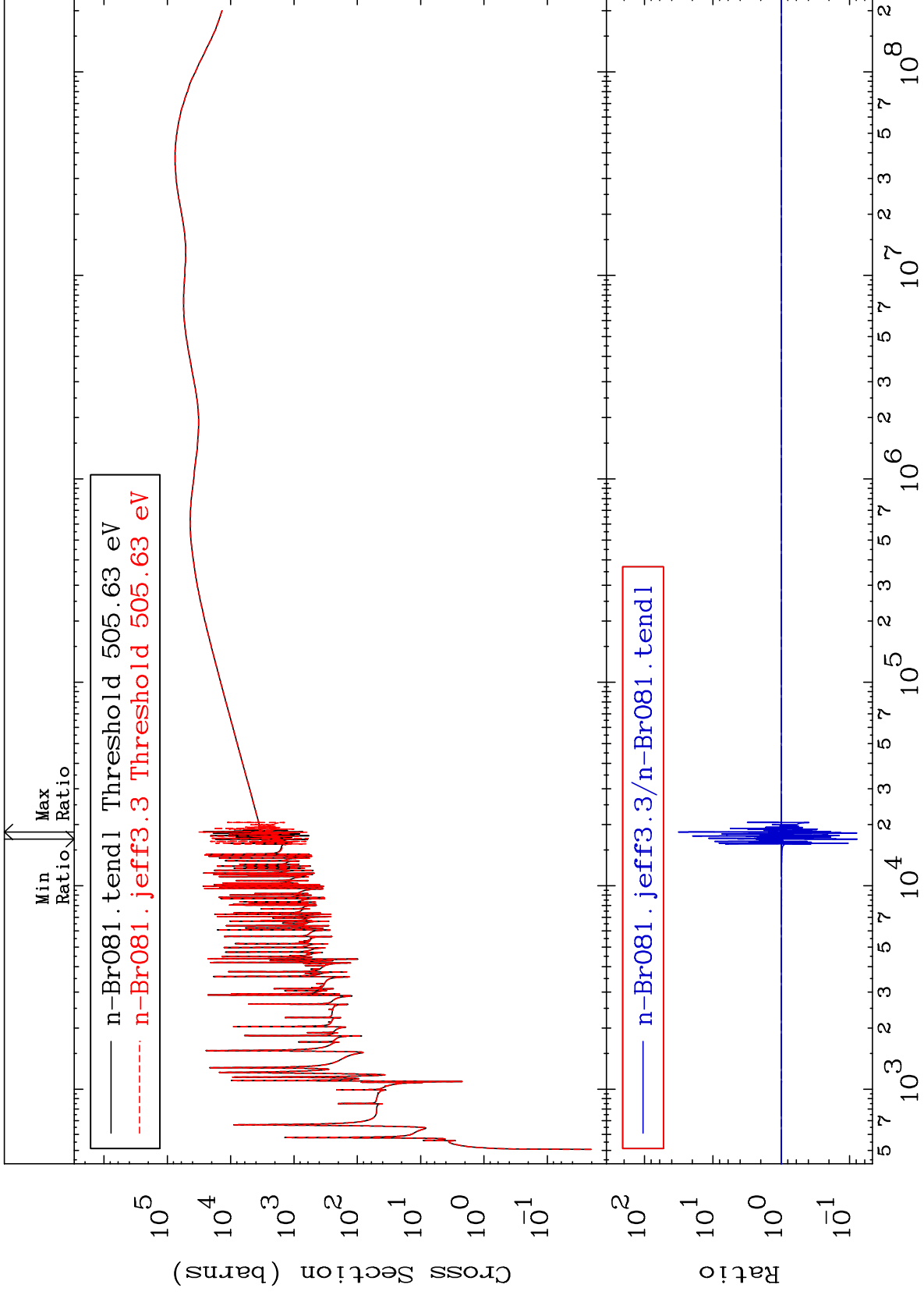


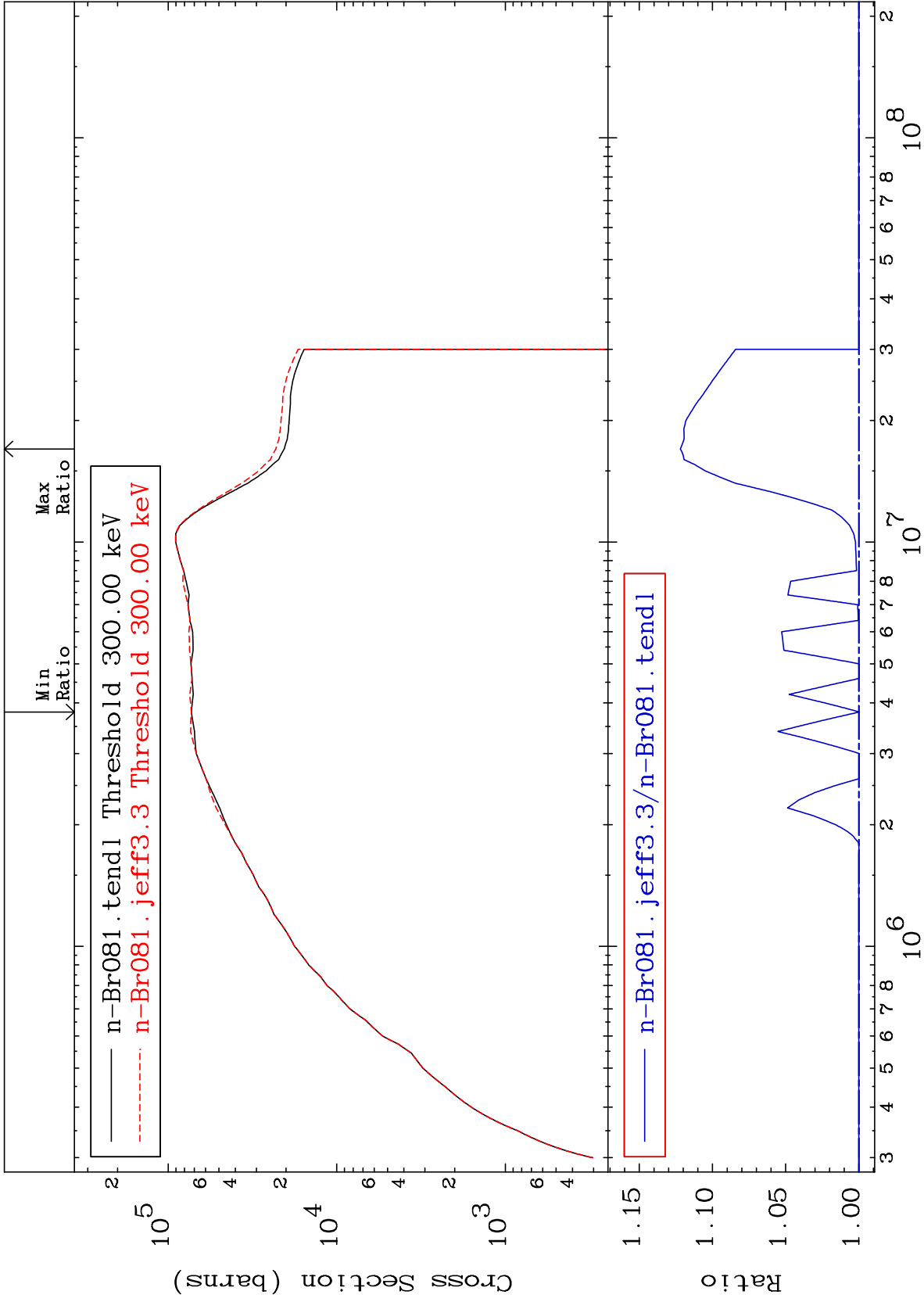


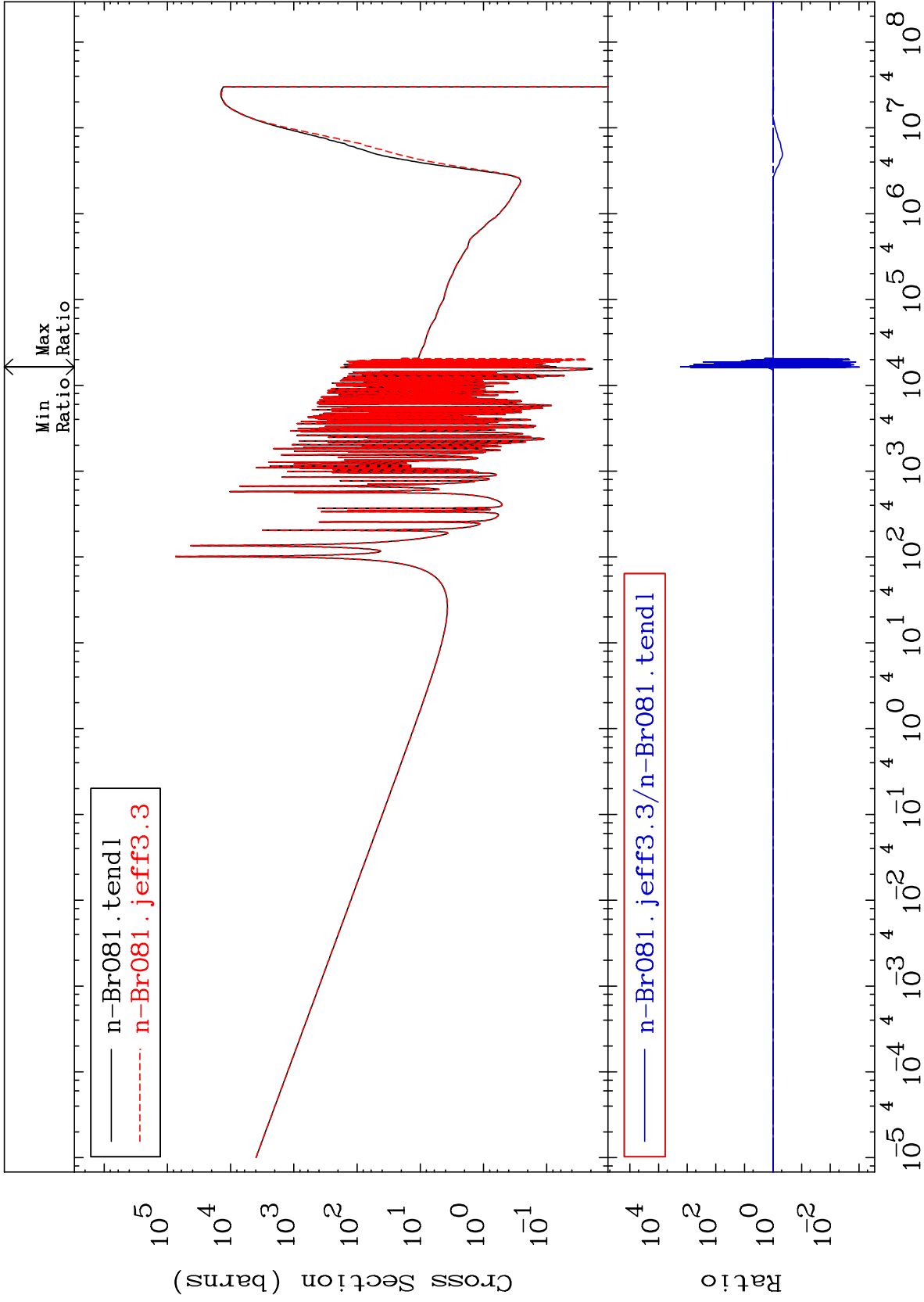










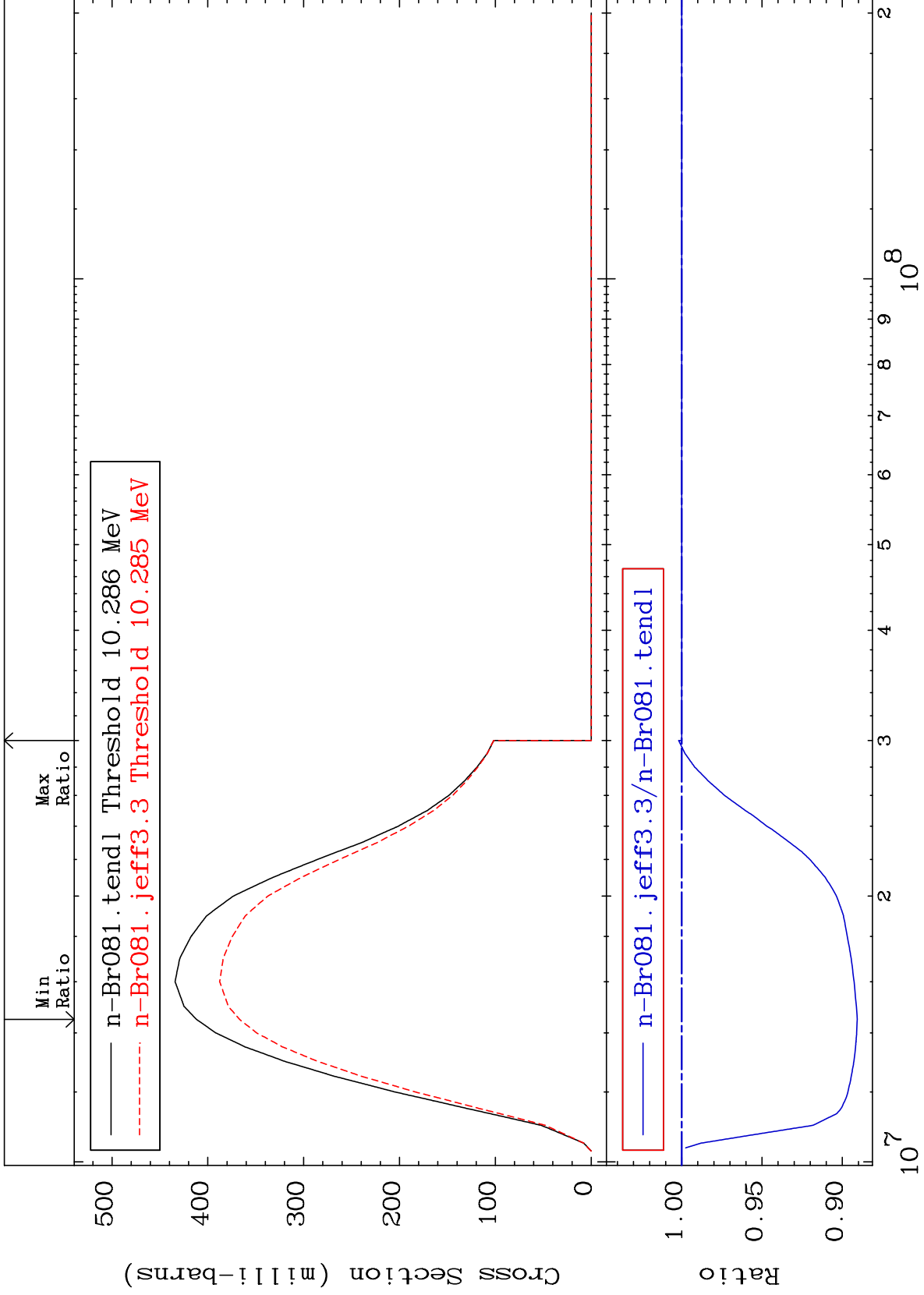


MAT 3531

(n,2n) : 35-Br-80g

35-Br-81

Radionuclide Production Cross Section -10.93 To 0.193 %



35-Br-81

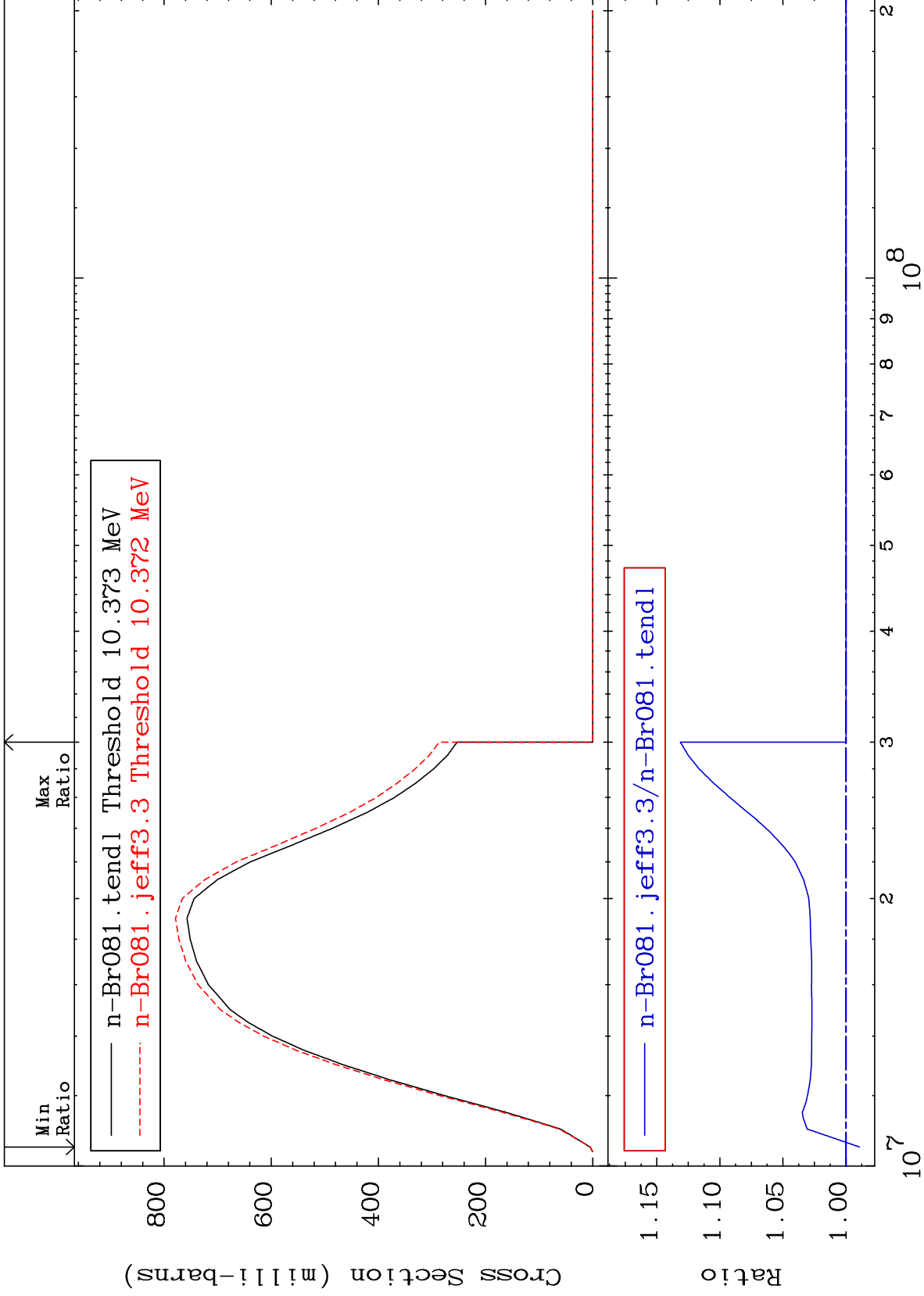
80

MAT 3531

(n,2n):35-Br-80m2

35-Br-81

Radionuclide Production Cross Section -1.066 To 13.13 %

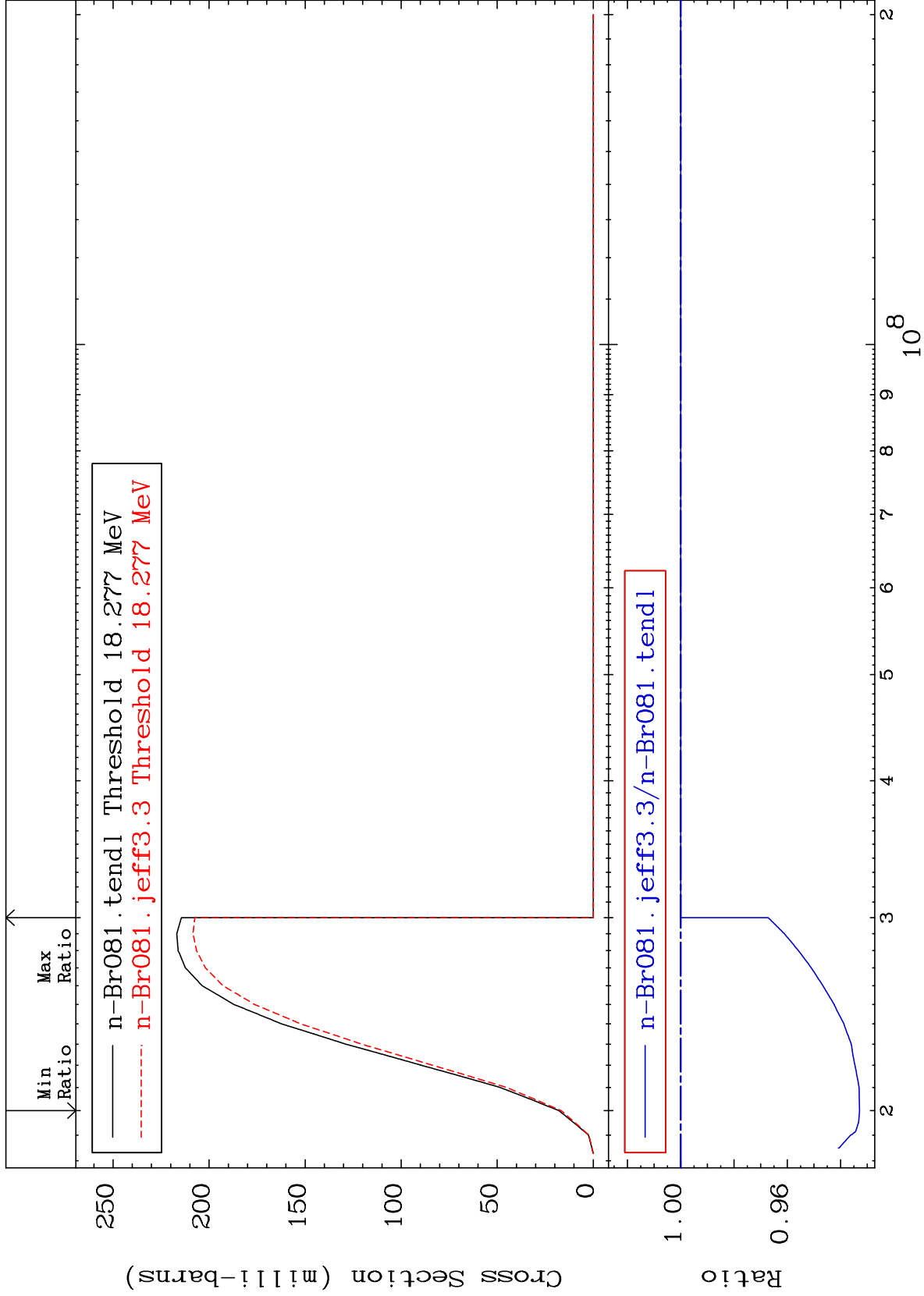


81

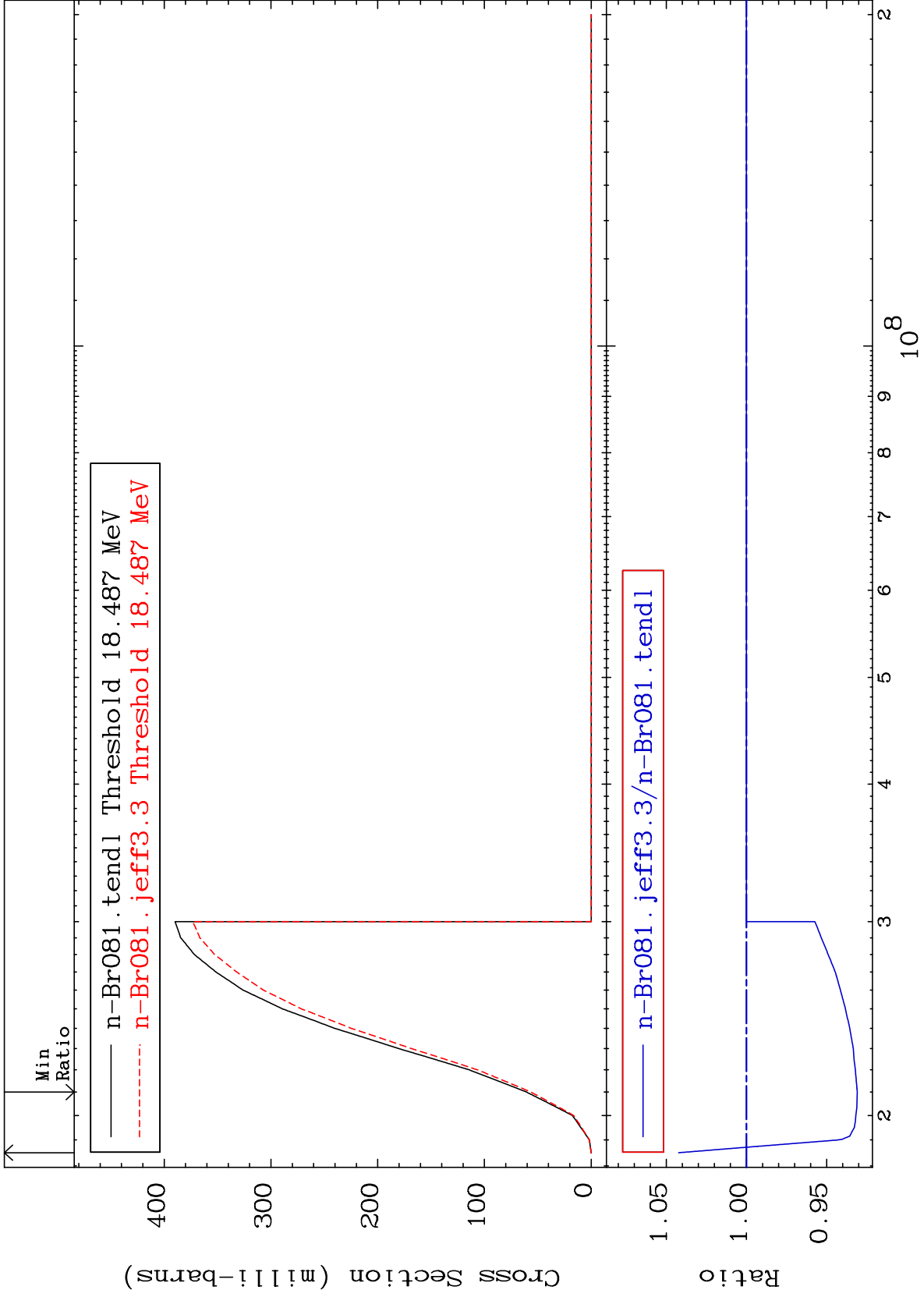
Incident Energy (eV)

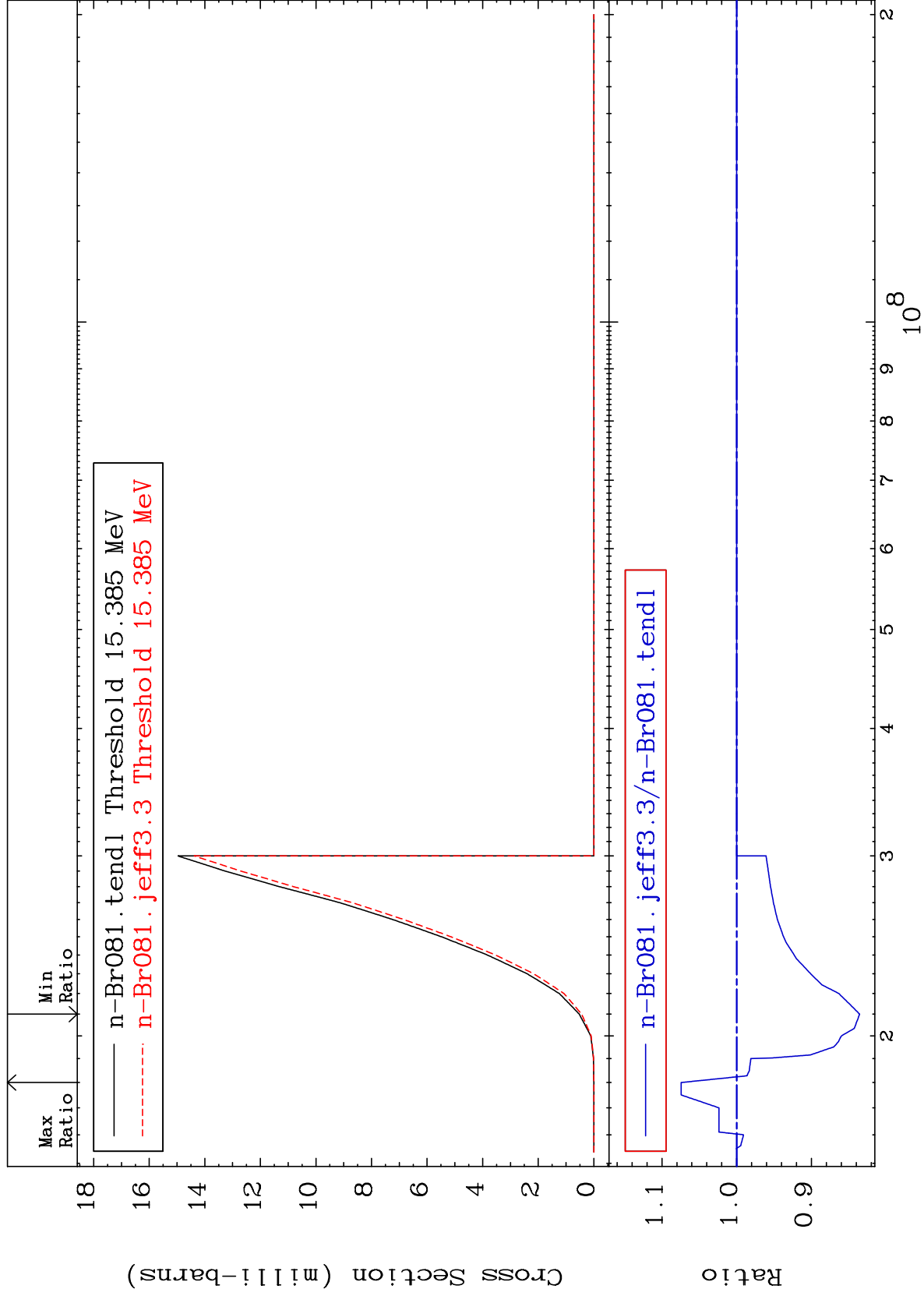
35-Br-81

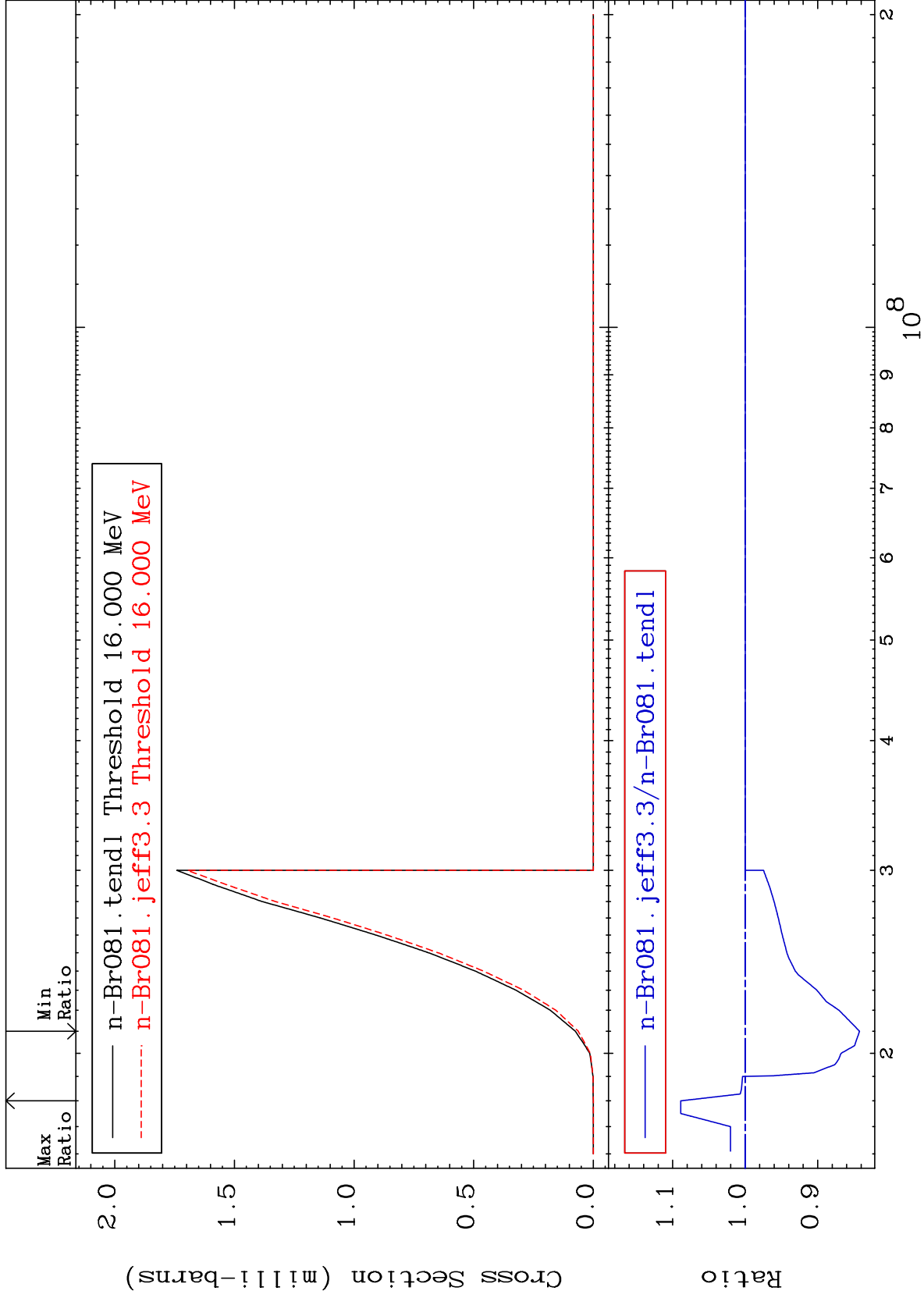
Radionuclide Production Cross Section -6.715 To 0.000 %

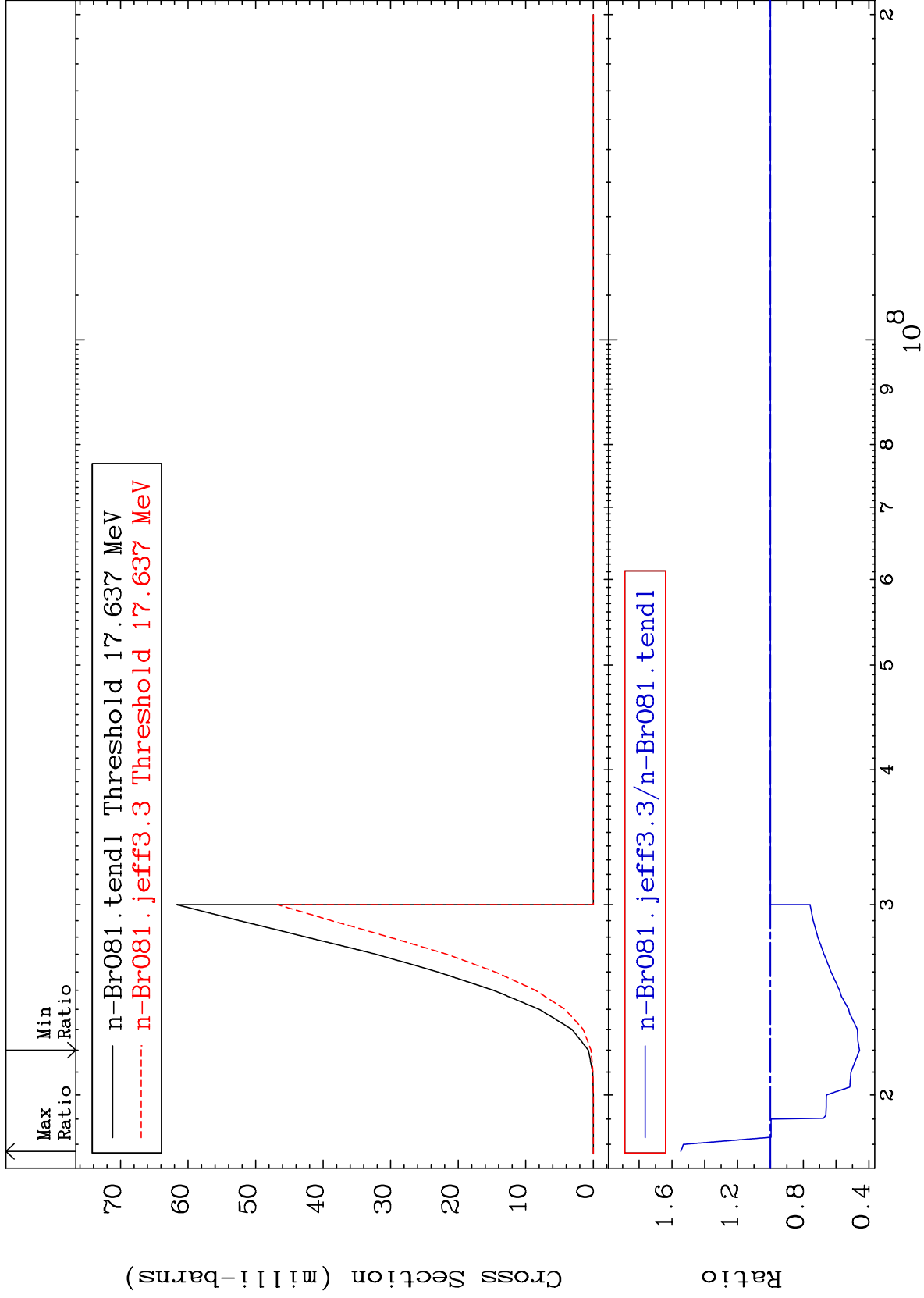


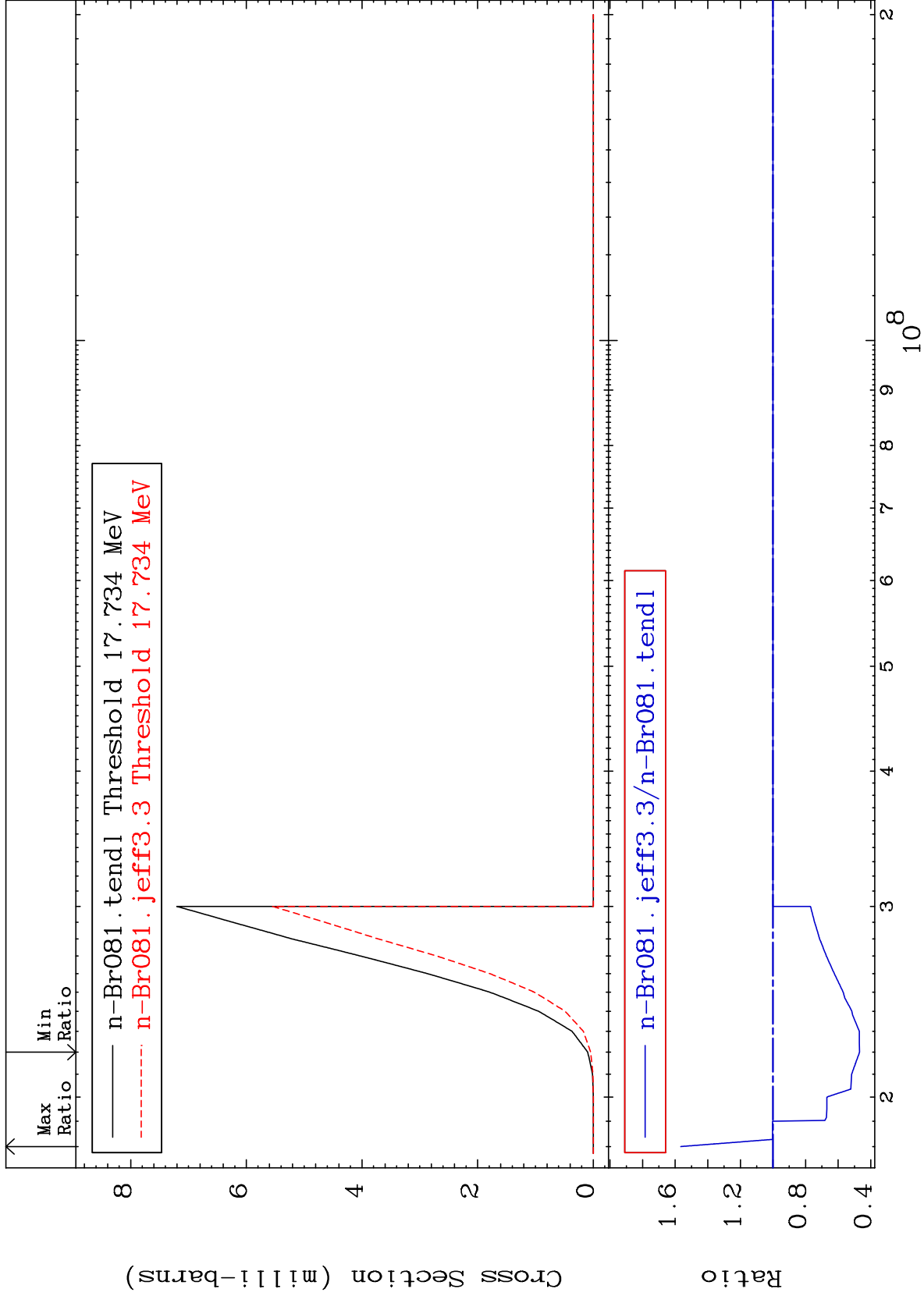
Radionuclide Production Cross Section -6.908 To 4.231 %









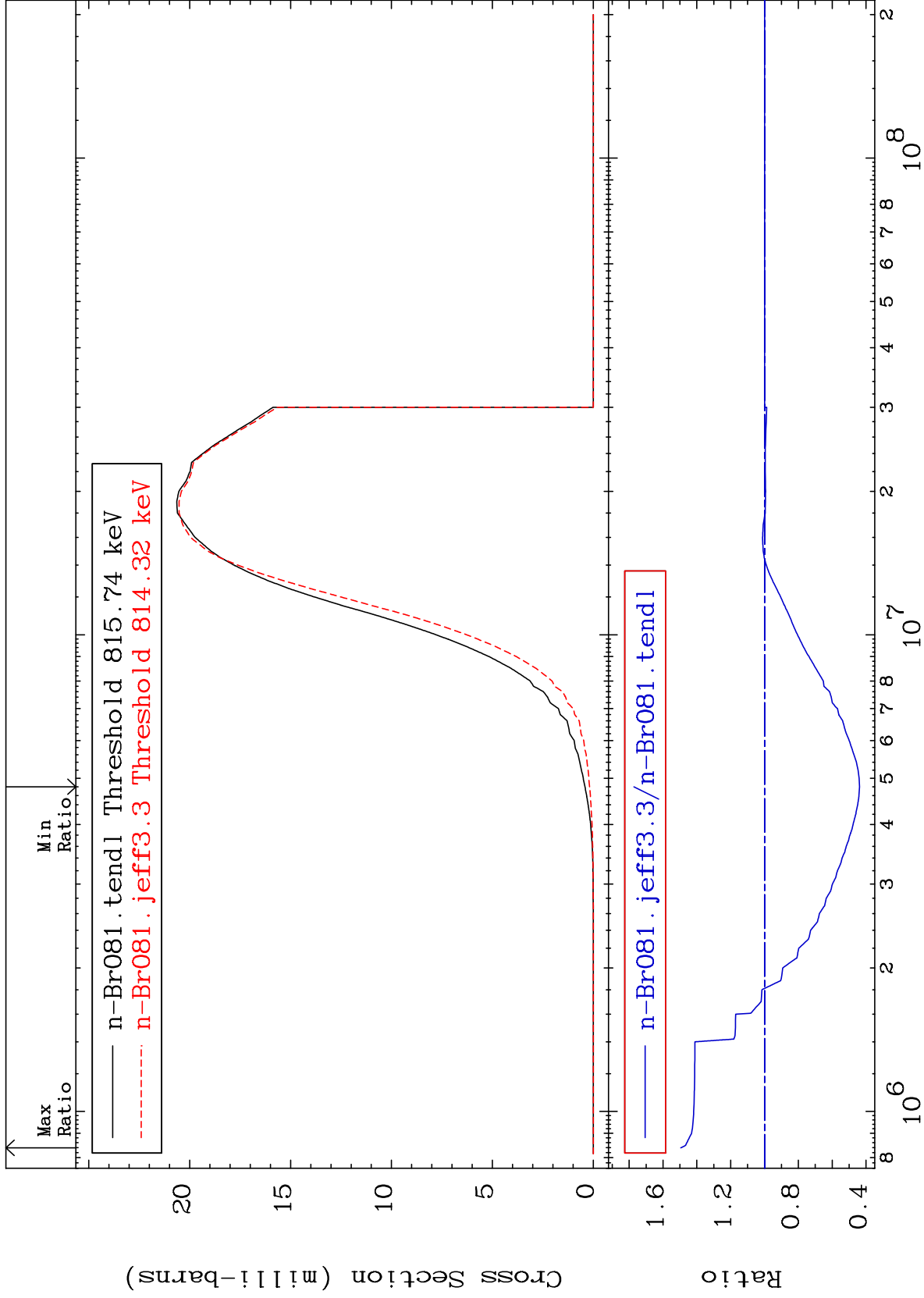


MAT 3531

(n, p):34-Se-81g

35-Br-81

Radionuclide Production Cross Section -56.14 To 49.50 %



88

Incident Energy (eV)

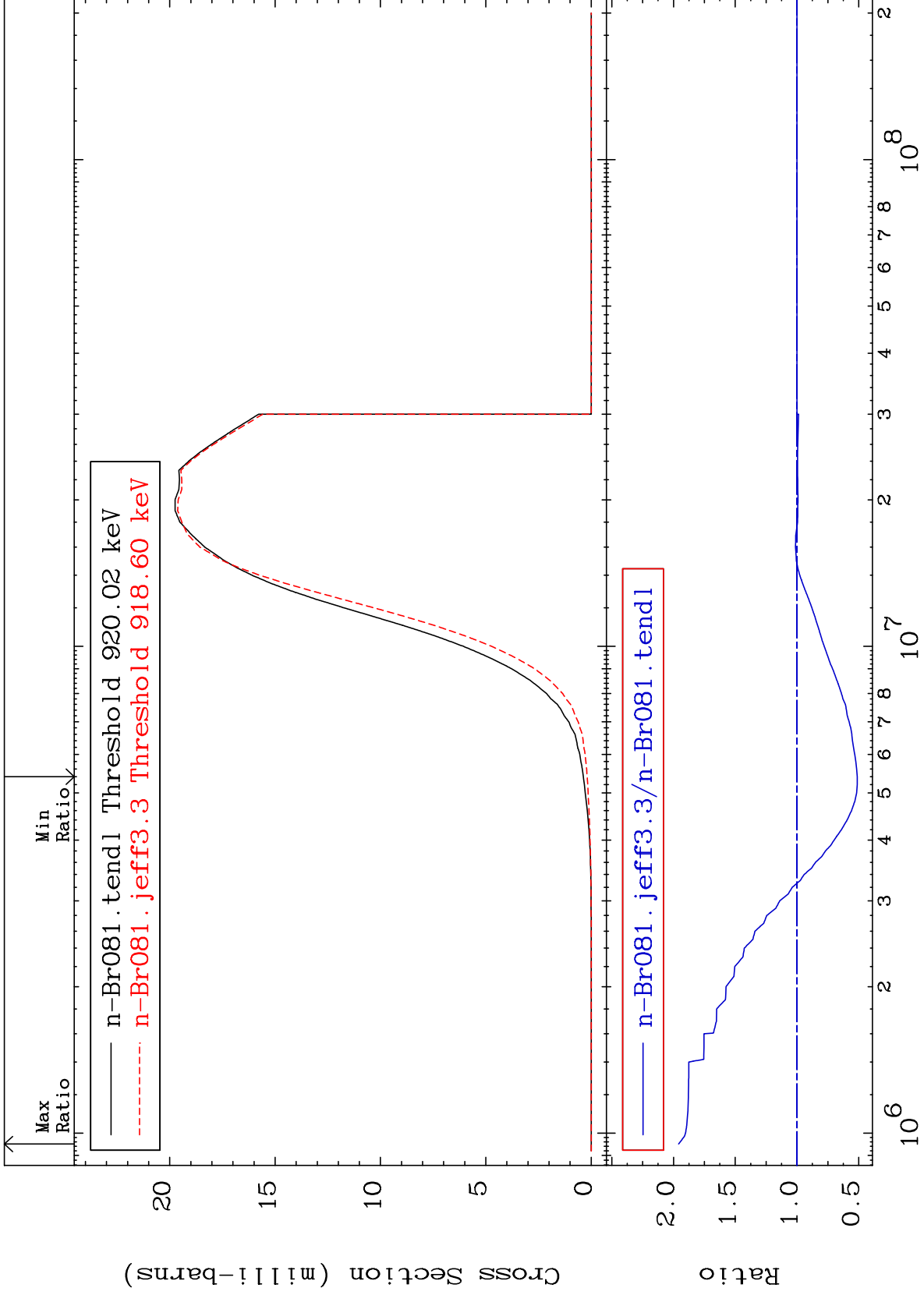
35-Br-81

MAT 3531

(n, p) : 34-Se-81m1

35-Br-81

Radionuclide Production Cross Section -48.81 To 95.86 %

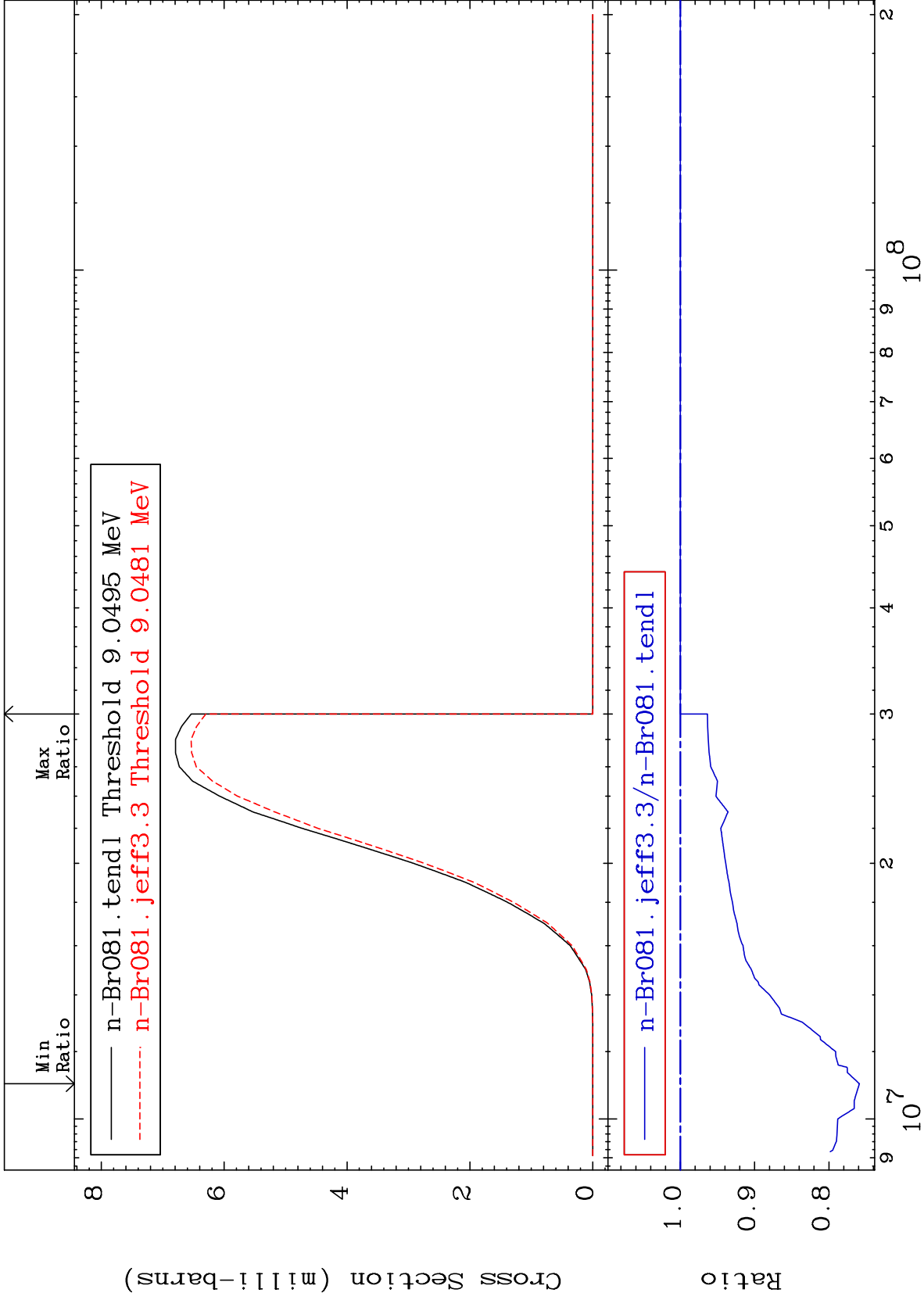


MAT 3531

(n, t):34-Se-79g

35-Br-81

Radionuclide Production Cross Section -24.11 To 0.000 %



90

Incident Energy (eV)

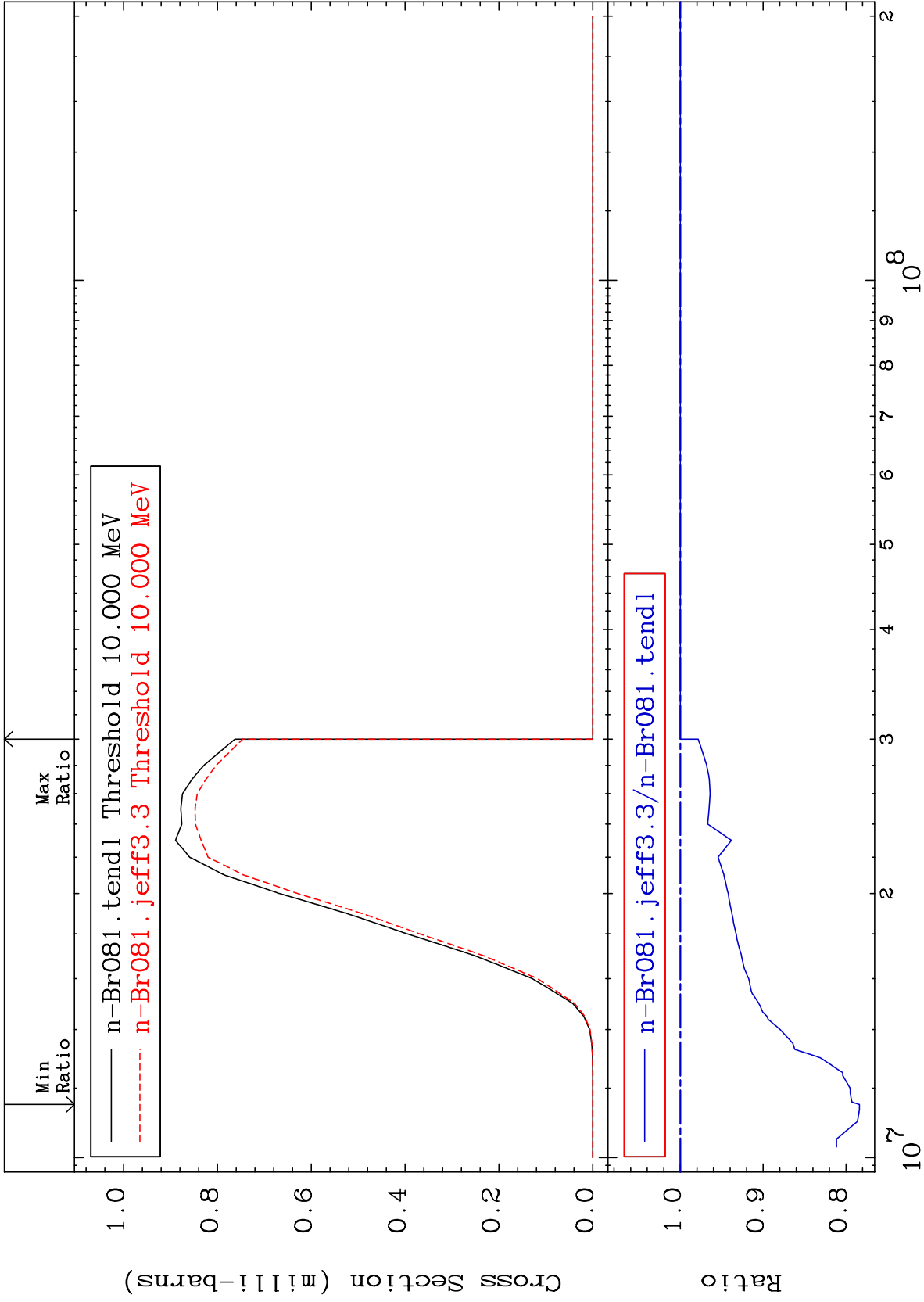
35-Br-81

MAT 3531

(n, t) : 34-Se-79m1

35-Br-81

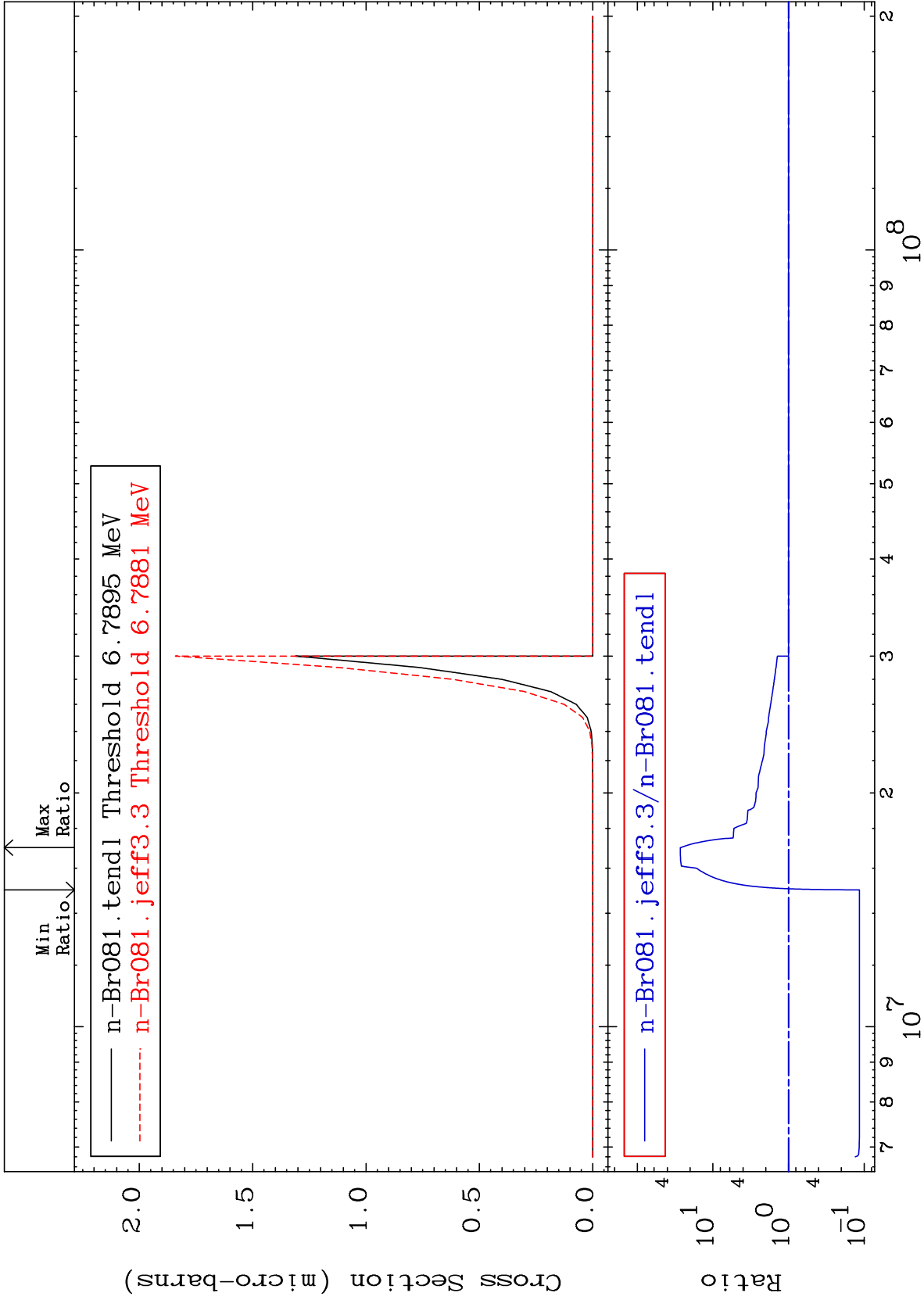
Radionuclide Production Cross Section -21.62 To 0.000 %



91

Incident Energy (eV)

35-Br-81

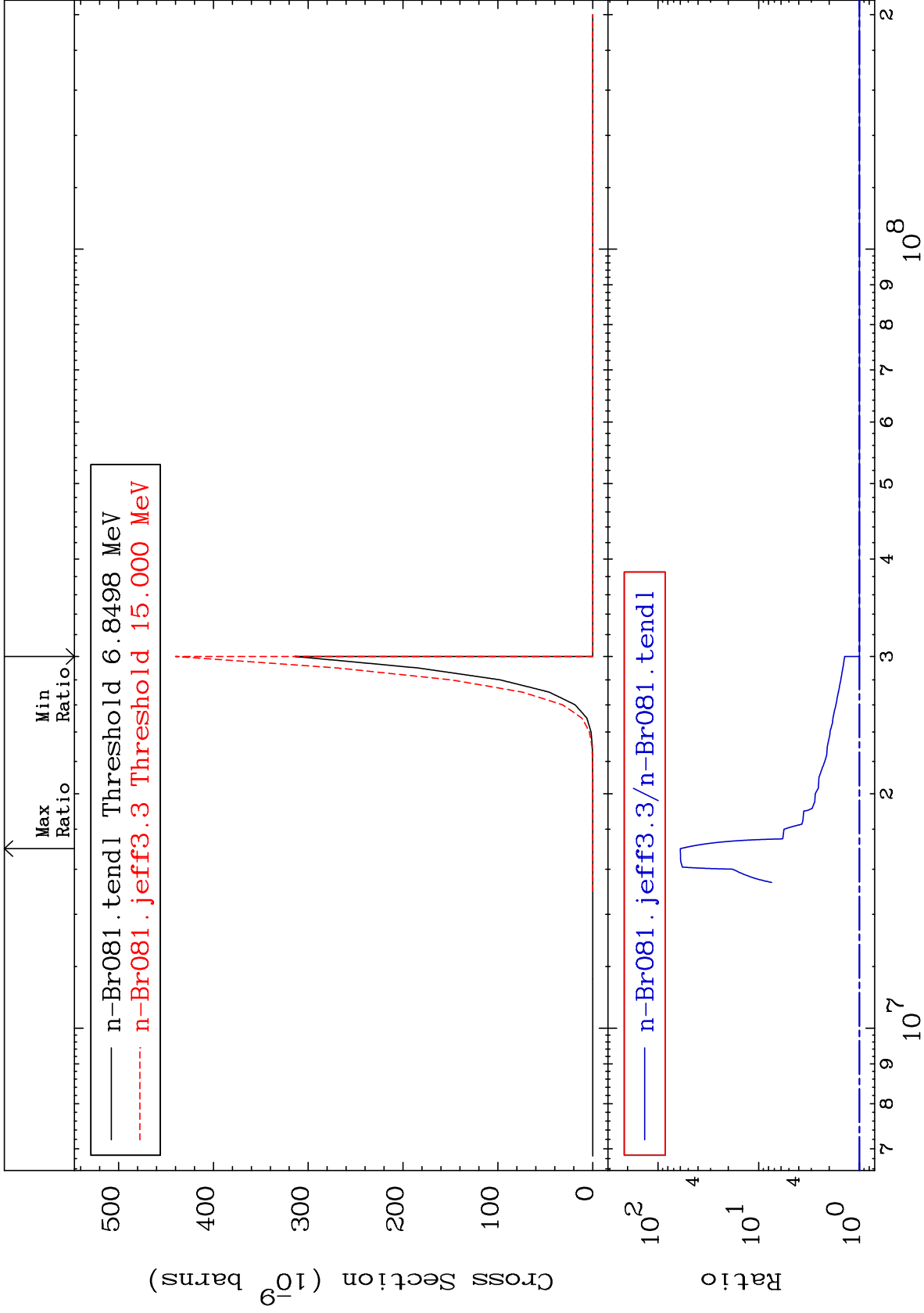


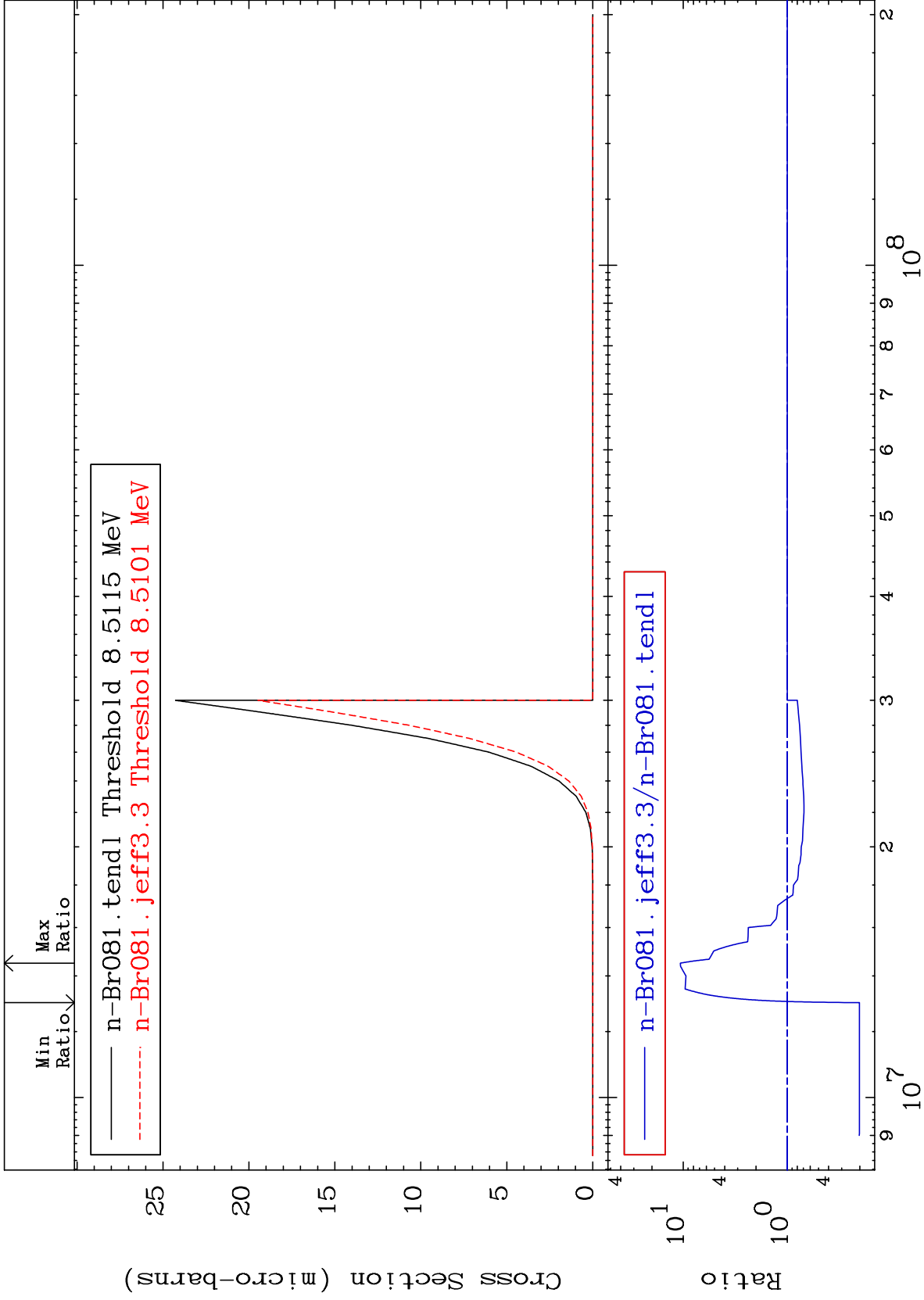
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(n,2α):31-Ga-74m2

35-Br-81

Radionuclide Production Cross Section 0.000 To 5890. %





Radionuclide Production Cross Section -31.44 To 659.6 %

