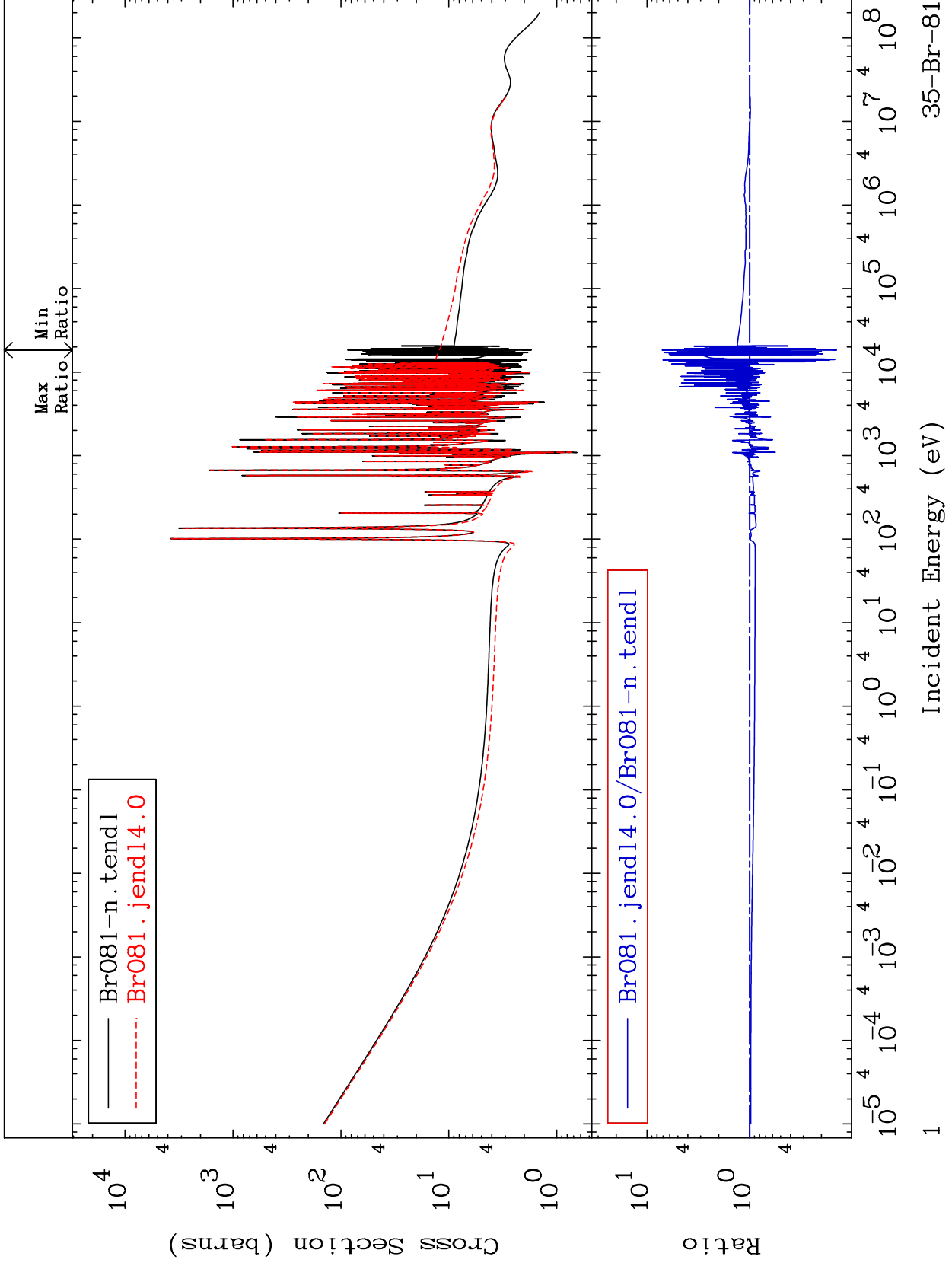


MAT 3531

Total  
Cross Section

35-Br-81  
-85.82 To 610.8 %



35-Br-81

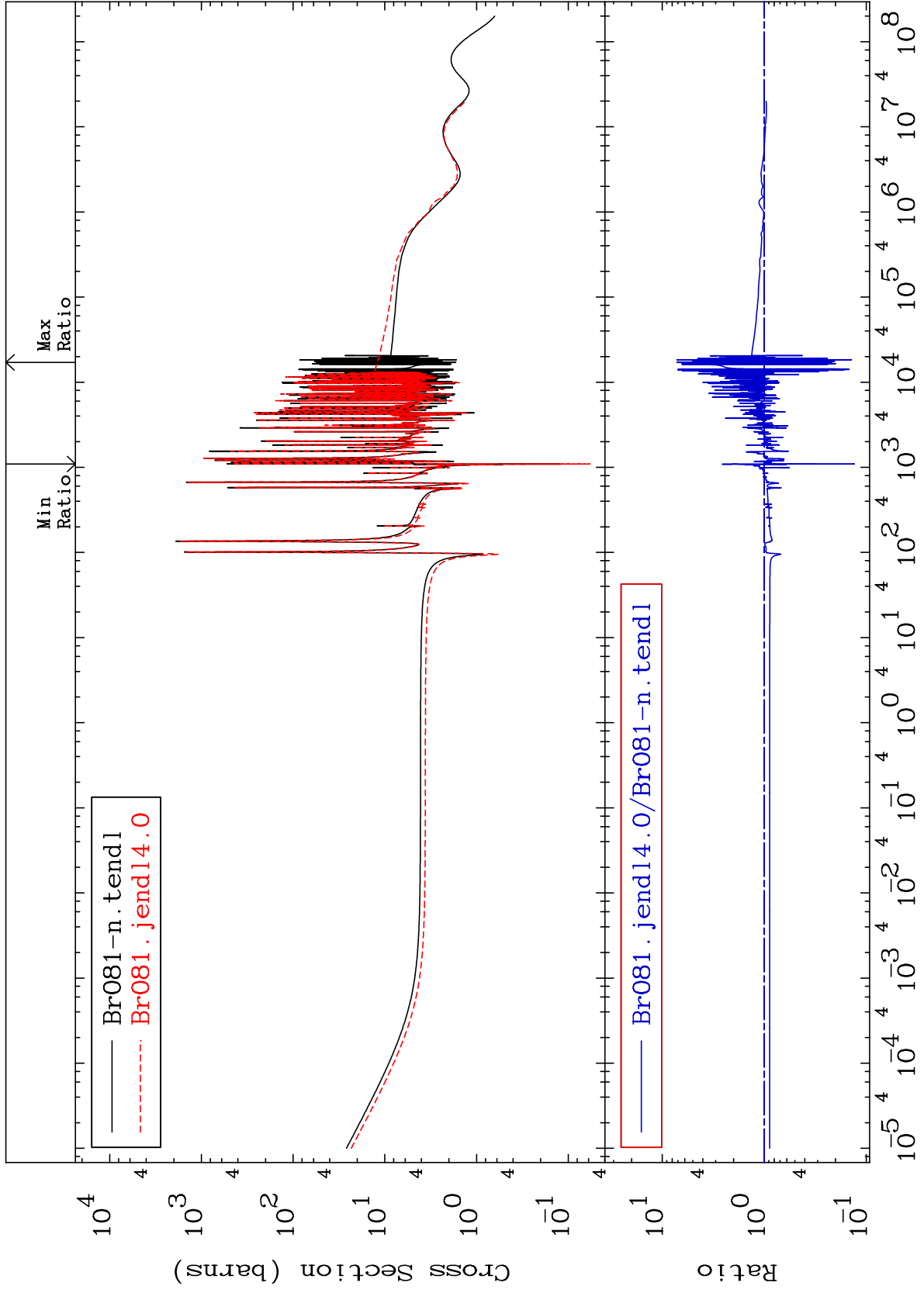
MAT 3531

Elastic

35-Br-81

Cross Section

-86.96 To 620.2 %



2

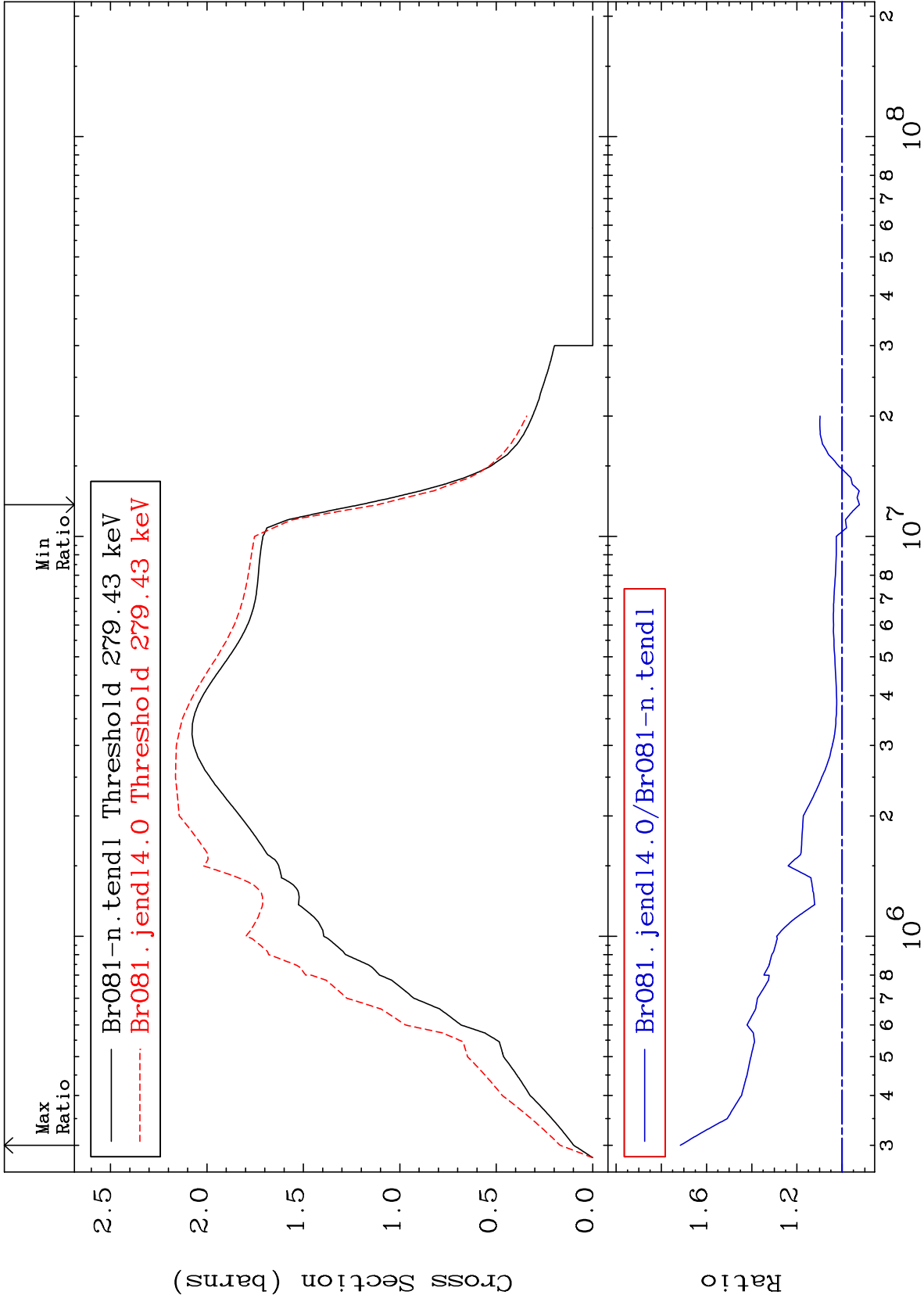
Incident Energy (eV)

35-Br-81

MAT 3531

Inelastic  
Cross Section

35-Br-81  
-7.648 To 71.59 %



3

Incident Energy (eV)

35-Br-81

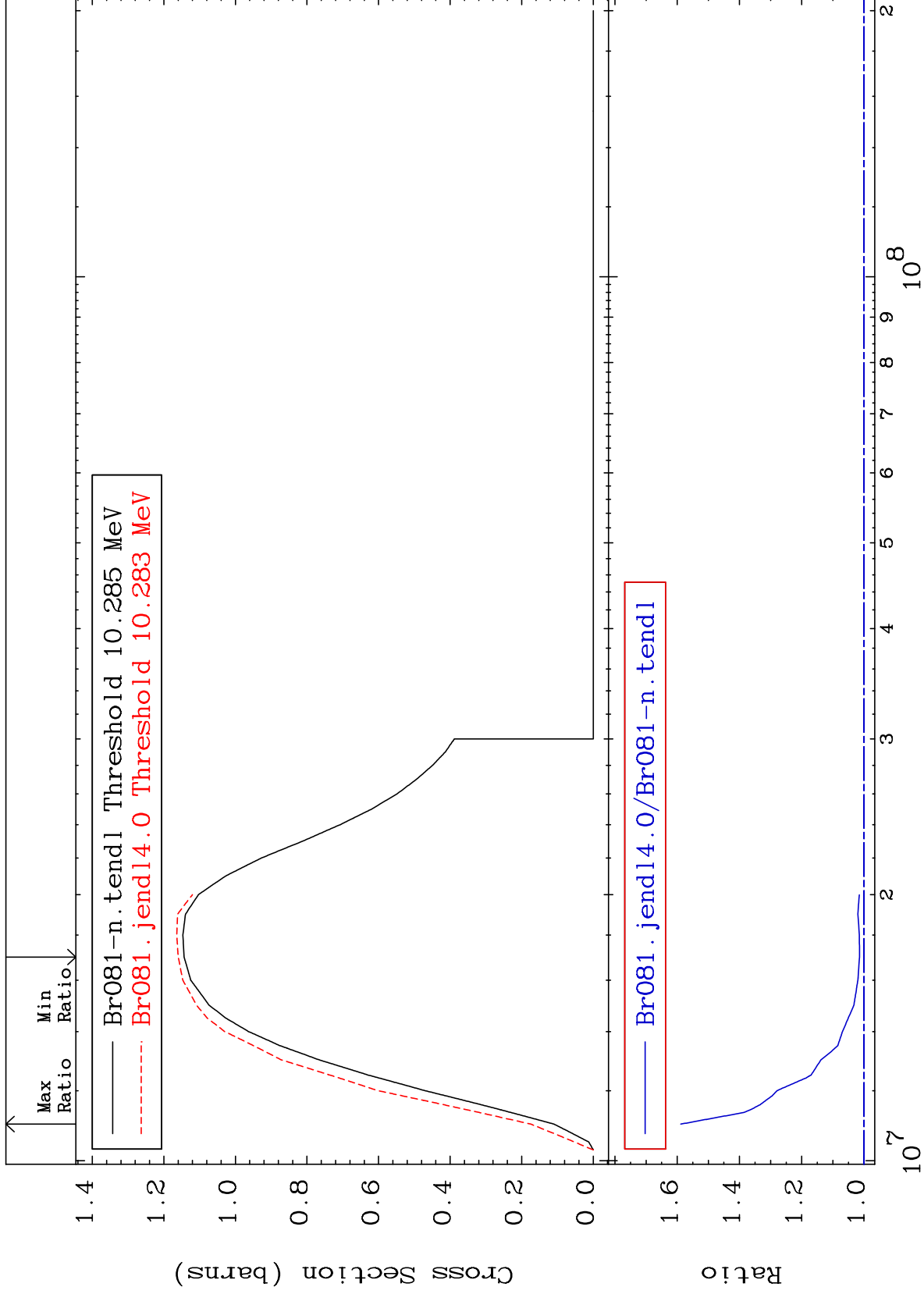
MAT 3531

(n,2n)

<sup>35</sup>Br-81

Cross Section

1.429 To 58.86 %



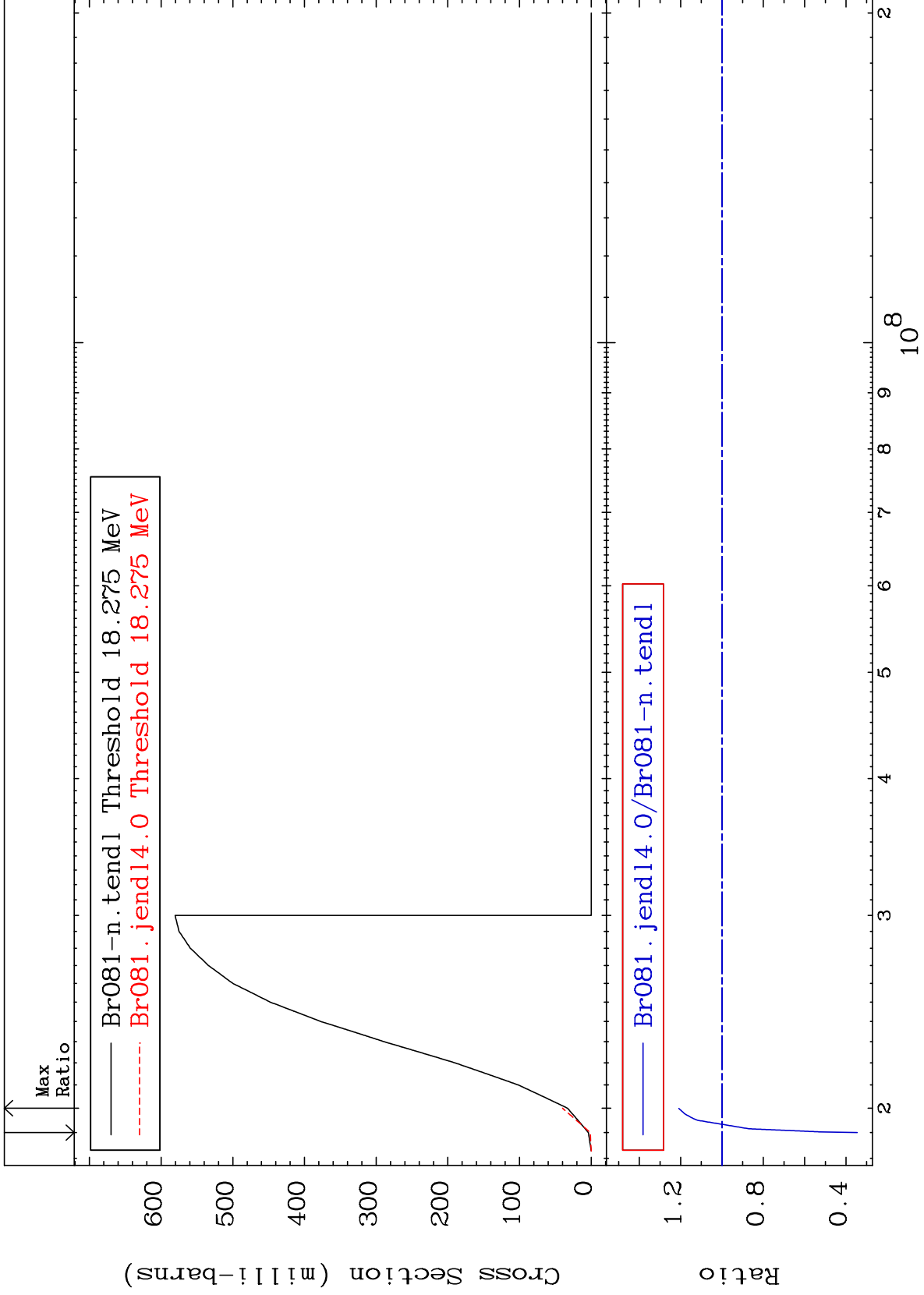
35-Br-81

35-Br-81

MAT 3531

(n,3n)  
Cross Section

35-Br-81  
-65.43 To 20.97 %



5

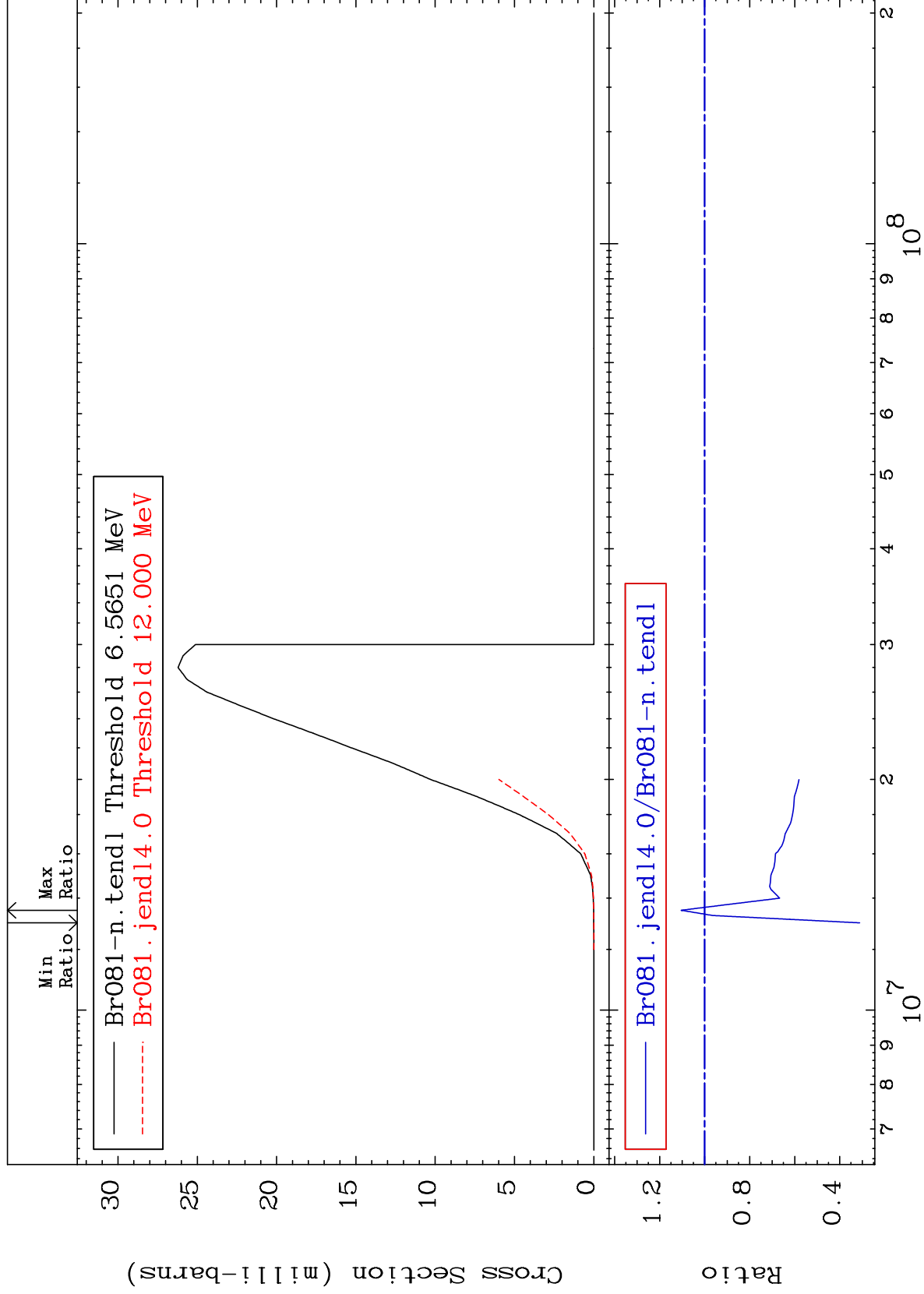
Incident Energy (eV)

35-Br-81

MAT 3531

(n, n')  $\alpha$   
Cross Section

<sup>35</sup>Br-81  
-68.84 To 10.44 %



6

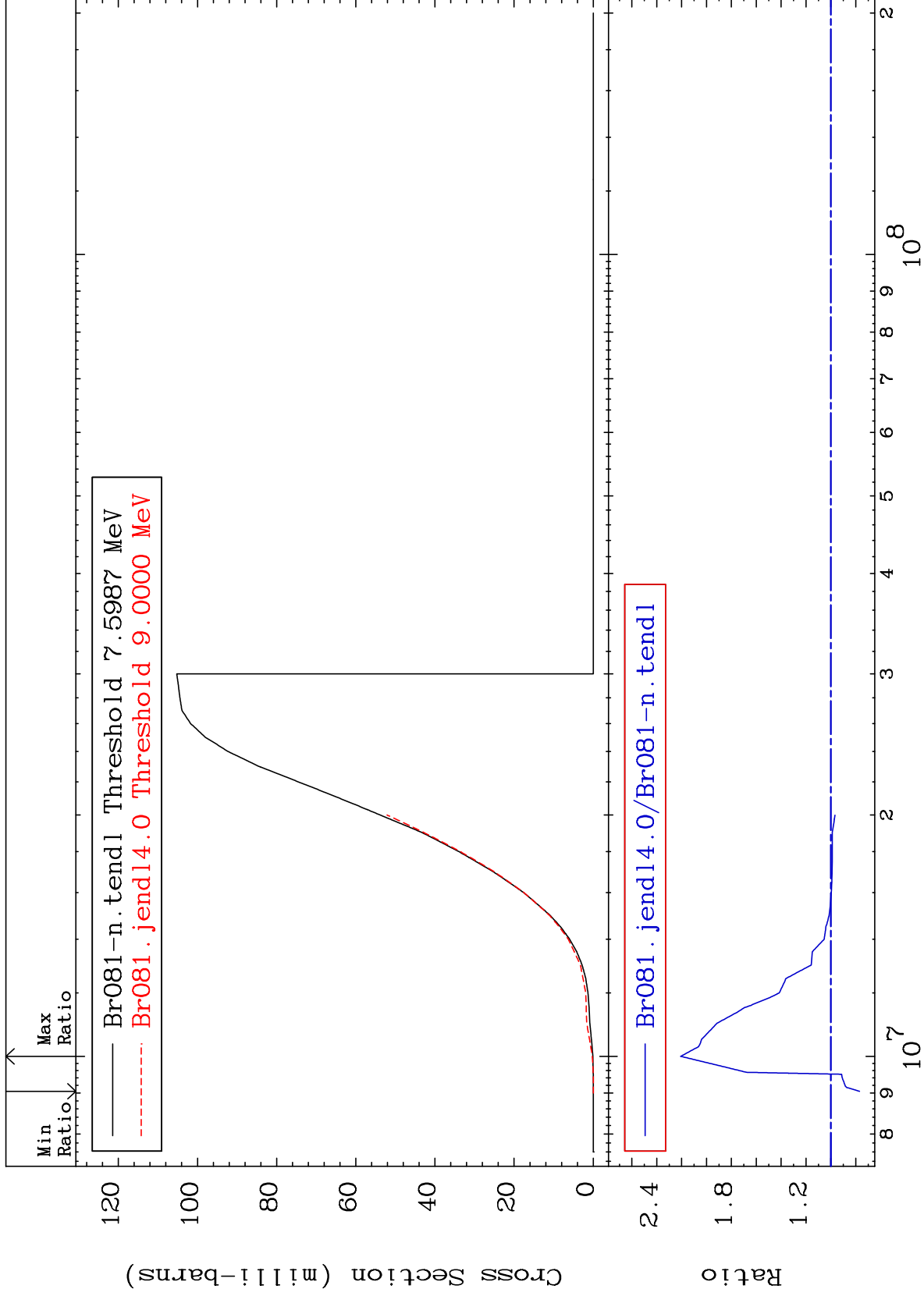
Incident Energy (eV)

<sup>35</sup>Br-81

MAT 3531

(n,n') p  
Cross Section

35-Br-81  
-23.03 To 120.7 %



7

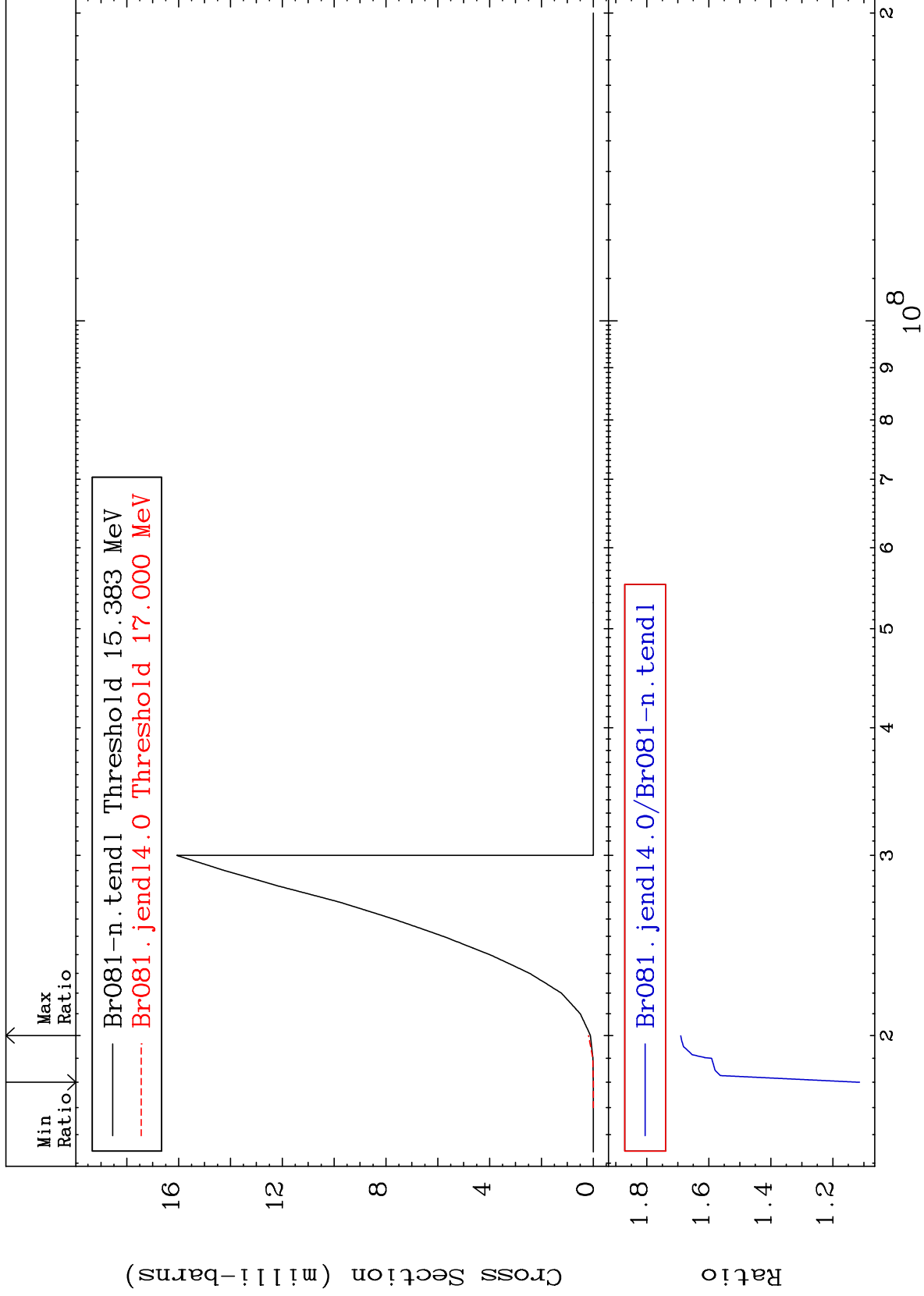
Incident Energy (eV)

35-Br-81

MAT 3531

(n,n') d  
Cross Section

35-Br-81  
11.39 To 69.04 %

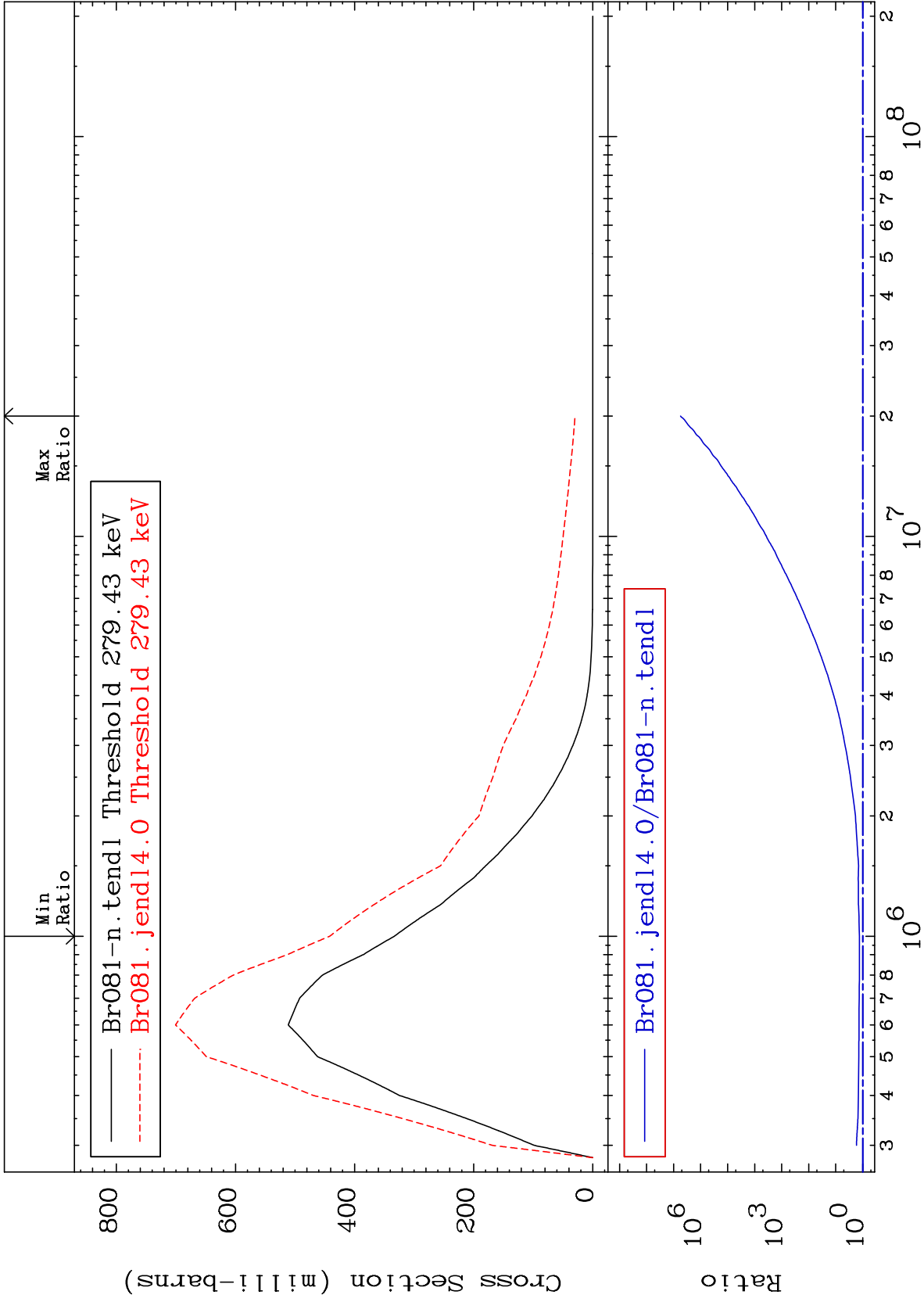




MAT 3531

276.0 keV (n,n') Level  
Cross Section

35-Br-81  
32.60 To 9999. %



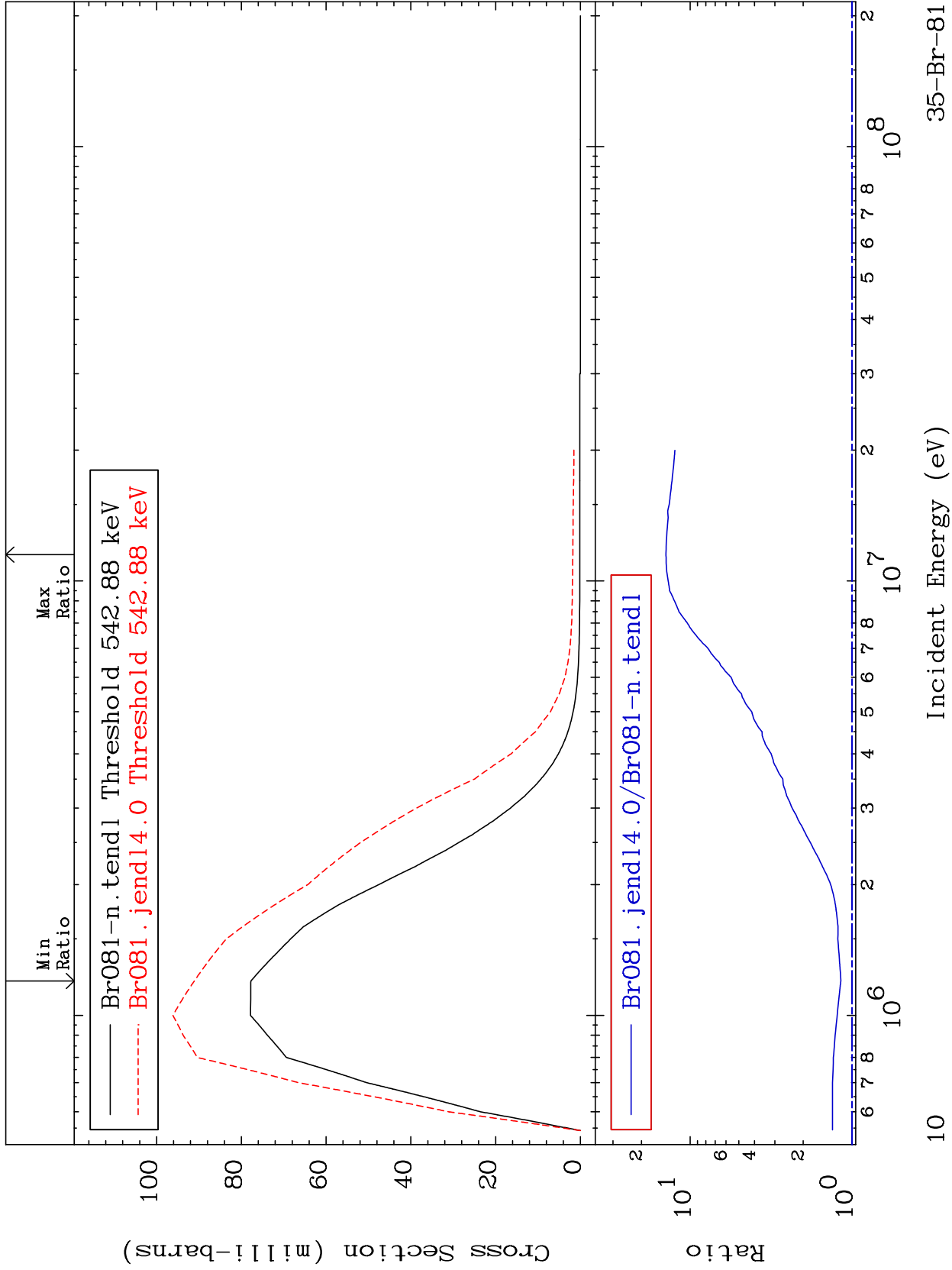
MAT 3531

536.2 keV (n,n') Level

35-Br-81

17.16 To 1311. %

Cross Section

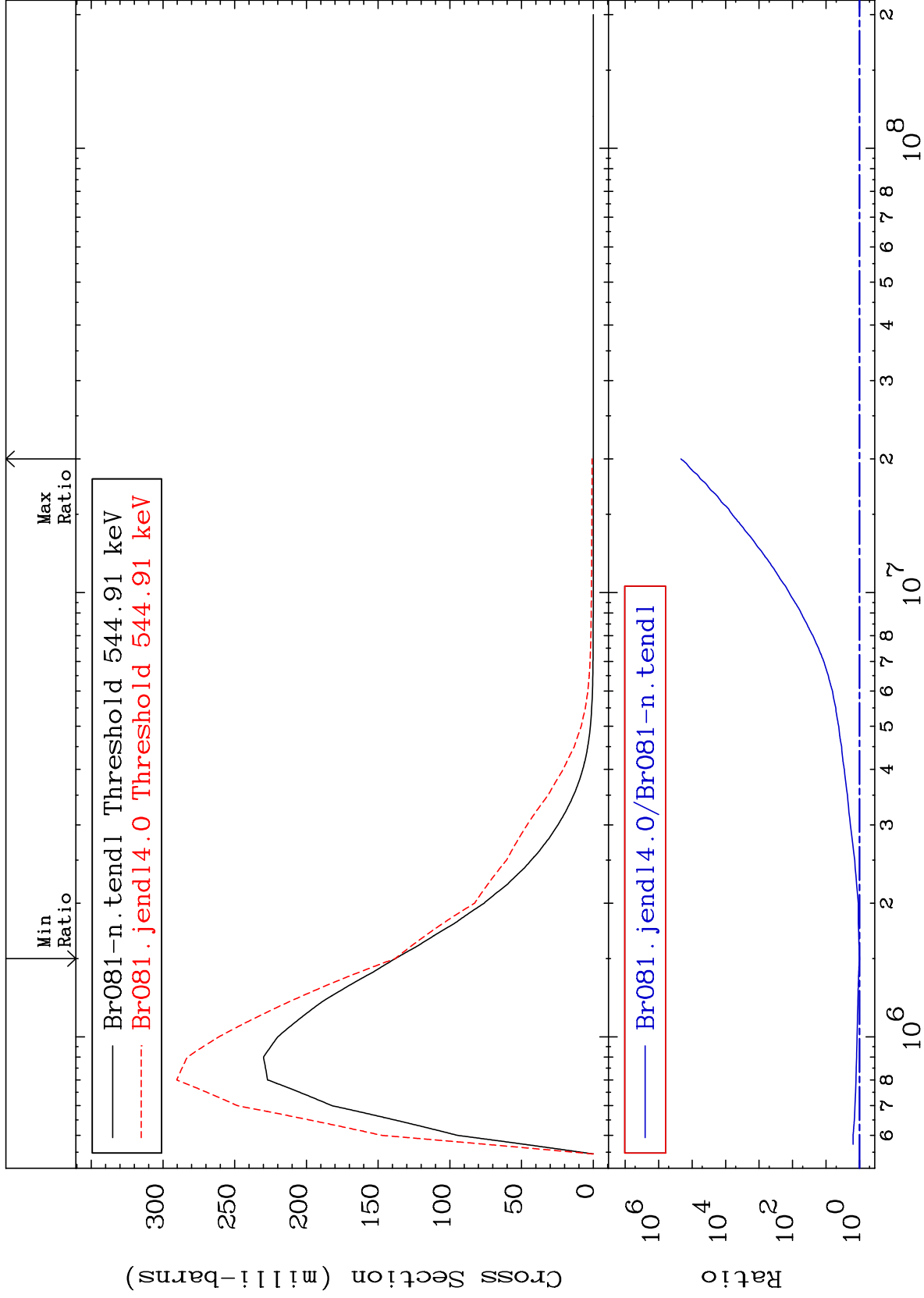


MAT 3531

538.2 keV (n,n') Level

35-Br-81

Cross Section  
0.072 To 9999. %



11

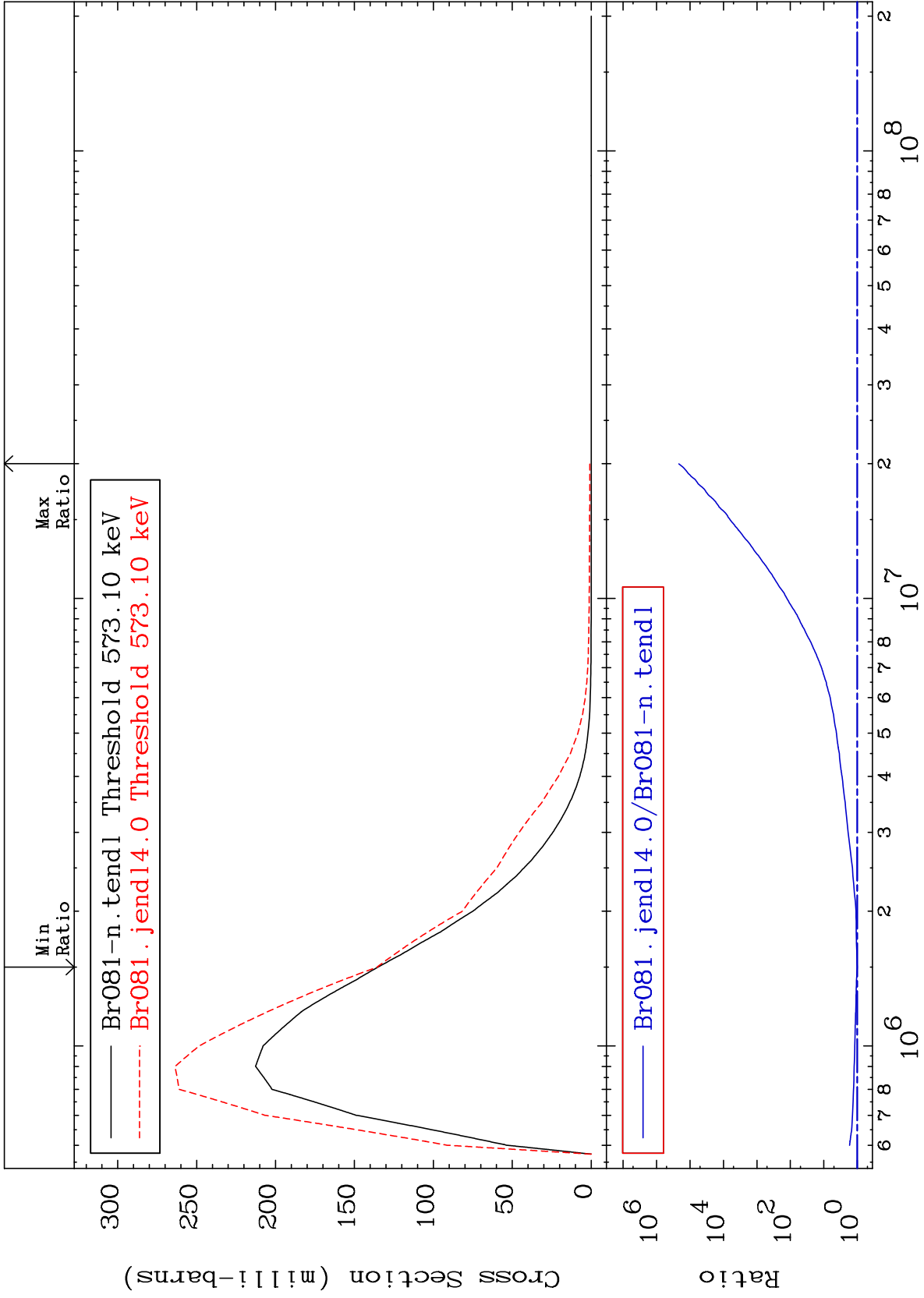
Incident Energy (eV)

35-Br-81

MAT 3531

566.0 keV (n,n') Level  
Cross Section

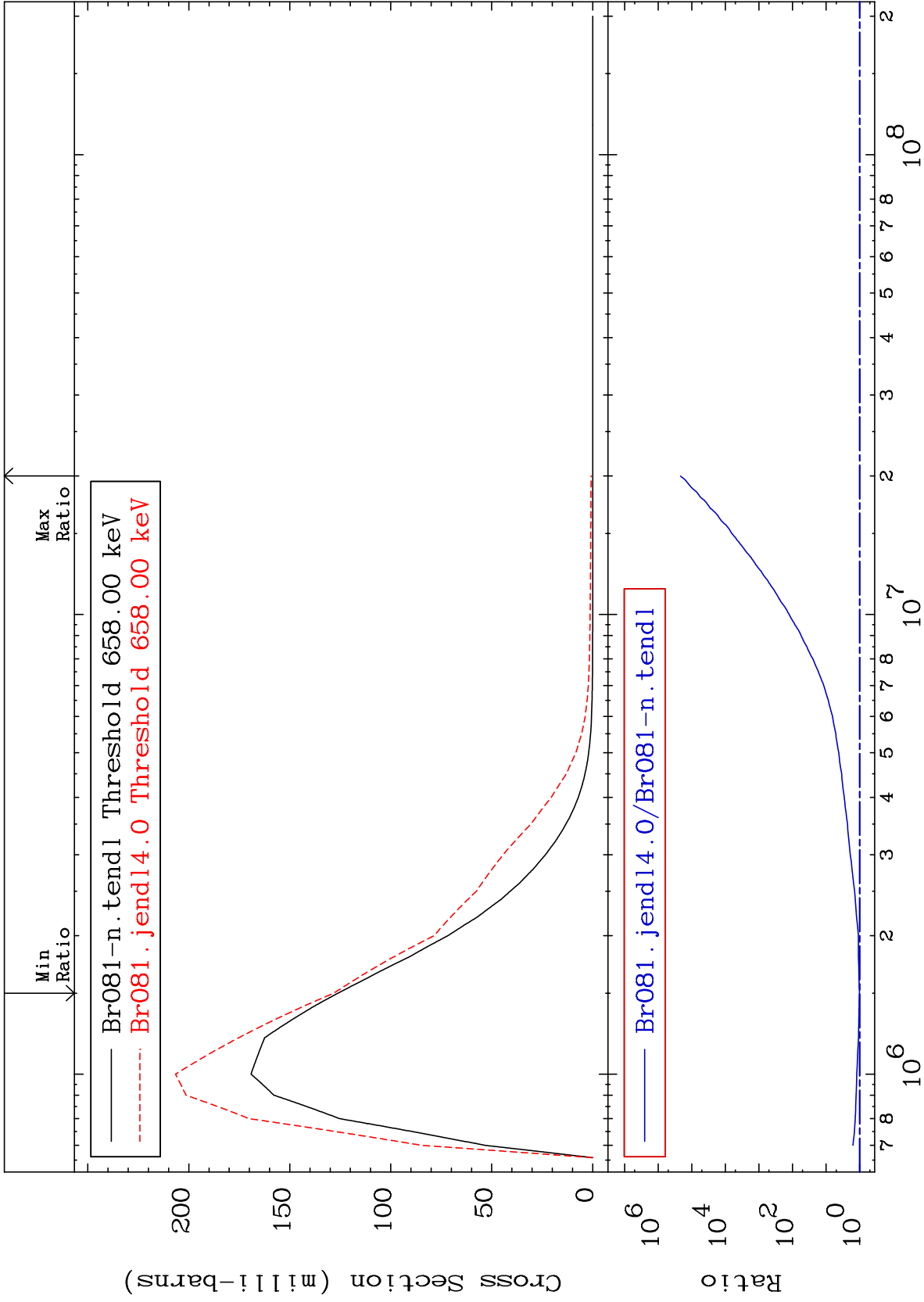
35-Br-81  
0.427 To 9999. %



MAT 3531

649.9 keV (n,n') Level  
Cross Section

35-Br-81  
1.642 To 9999. %



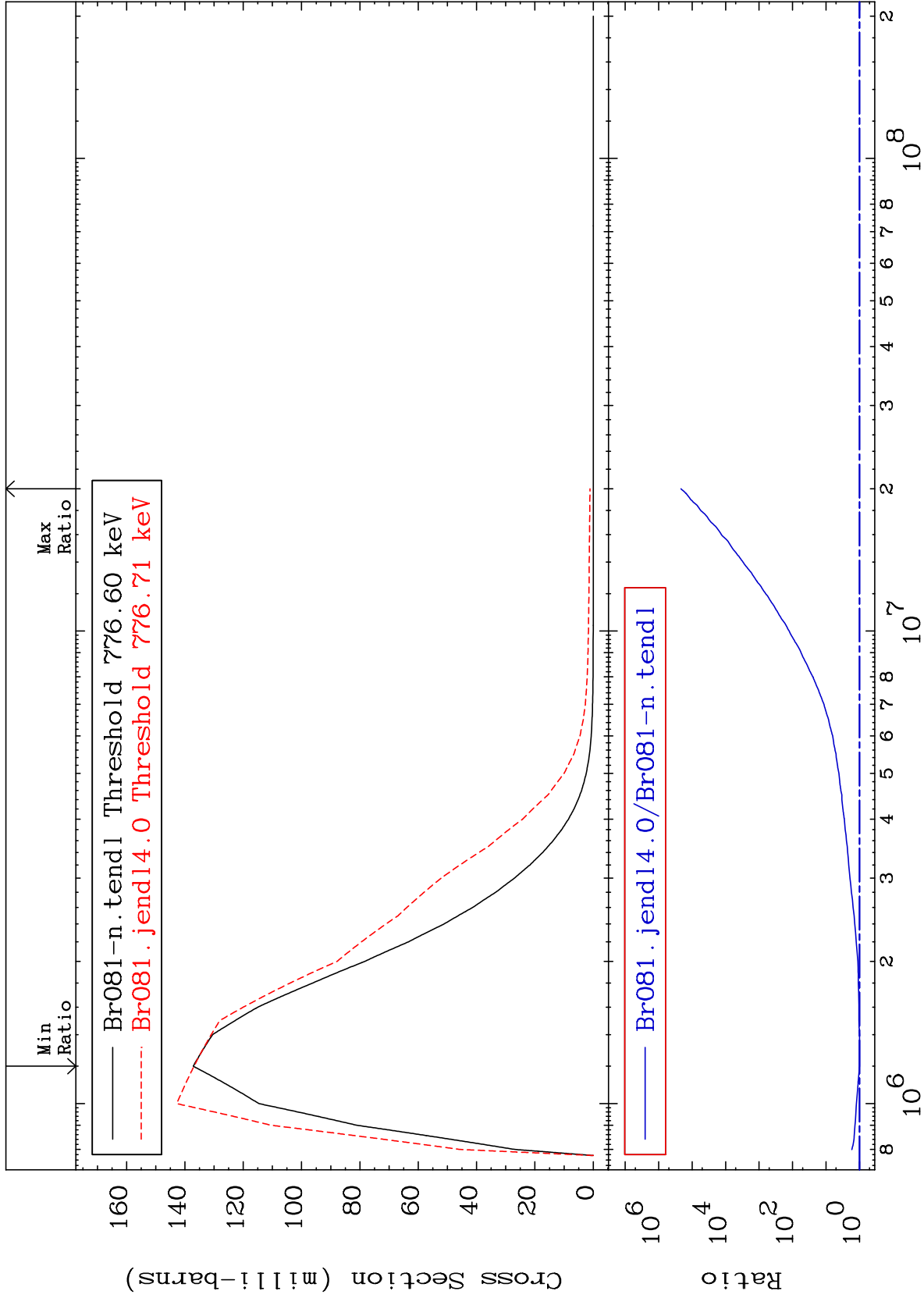
MAT 3531

767.0 keV (n,n') Level

35-Br-81

-0.208 To 9999. %

Cross Section



14

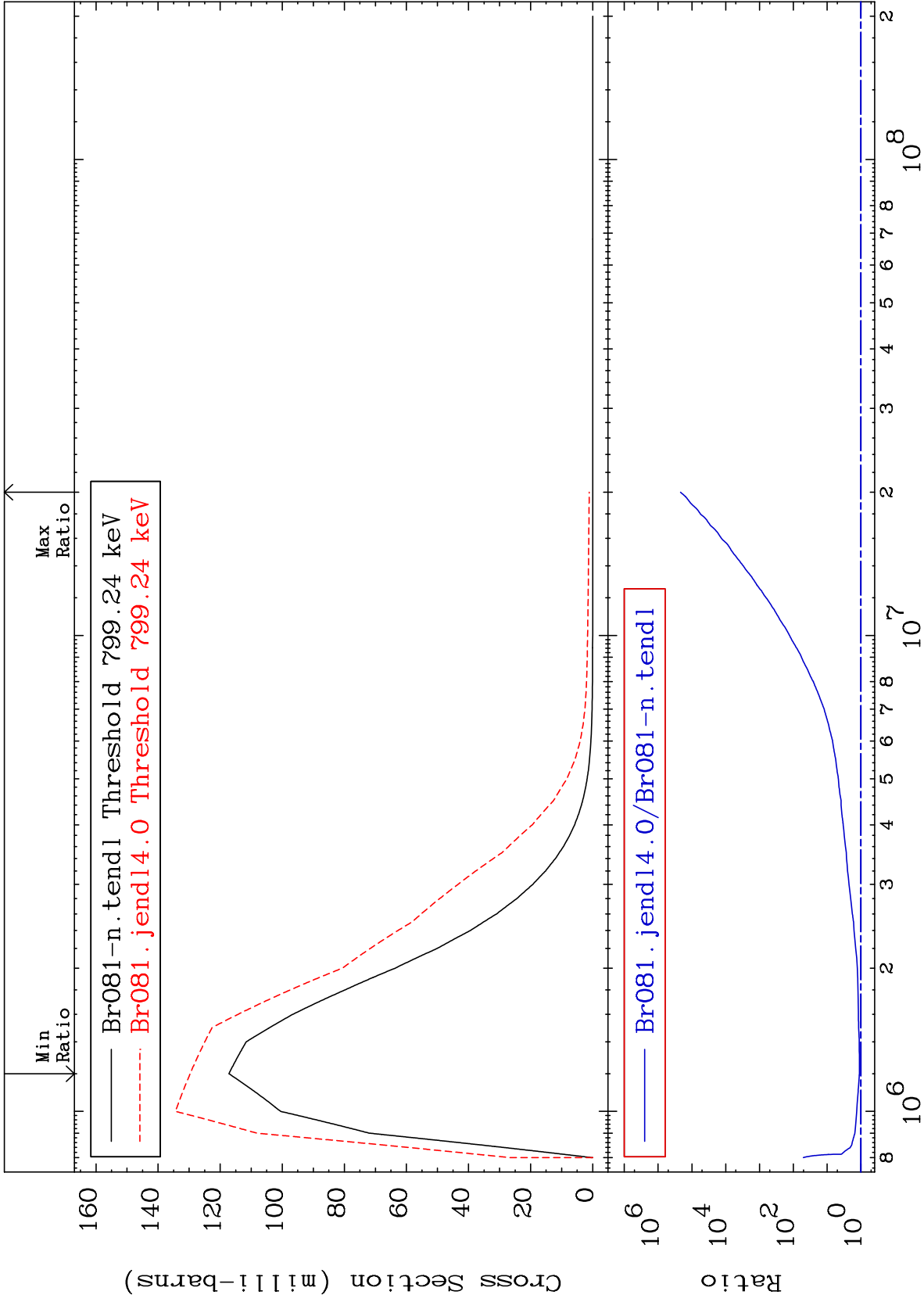
Incident Energy (eV)

35-Br-81

MAT 3531

789.4 keV (n,n') Level  
Cross Section

35-Br-81  
10.66 To 9999. %



15

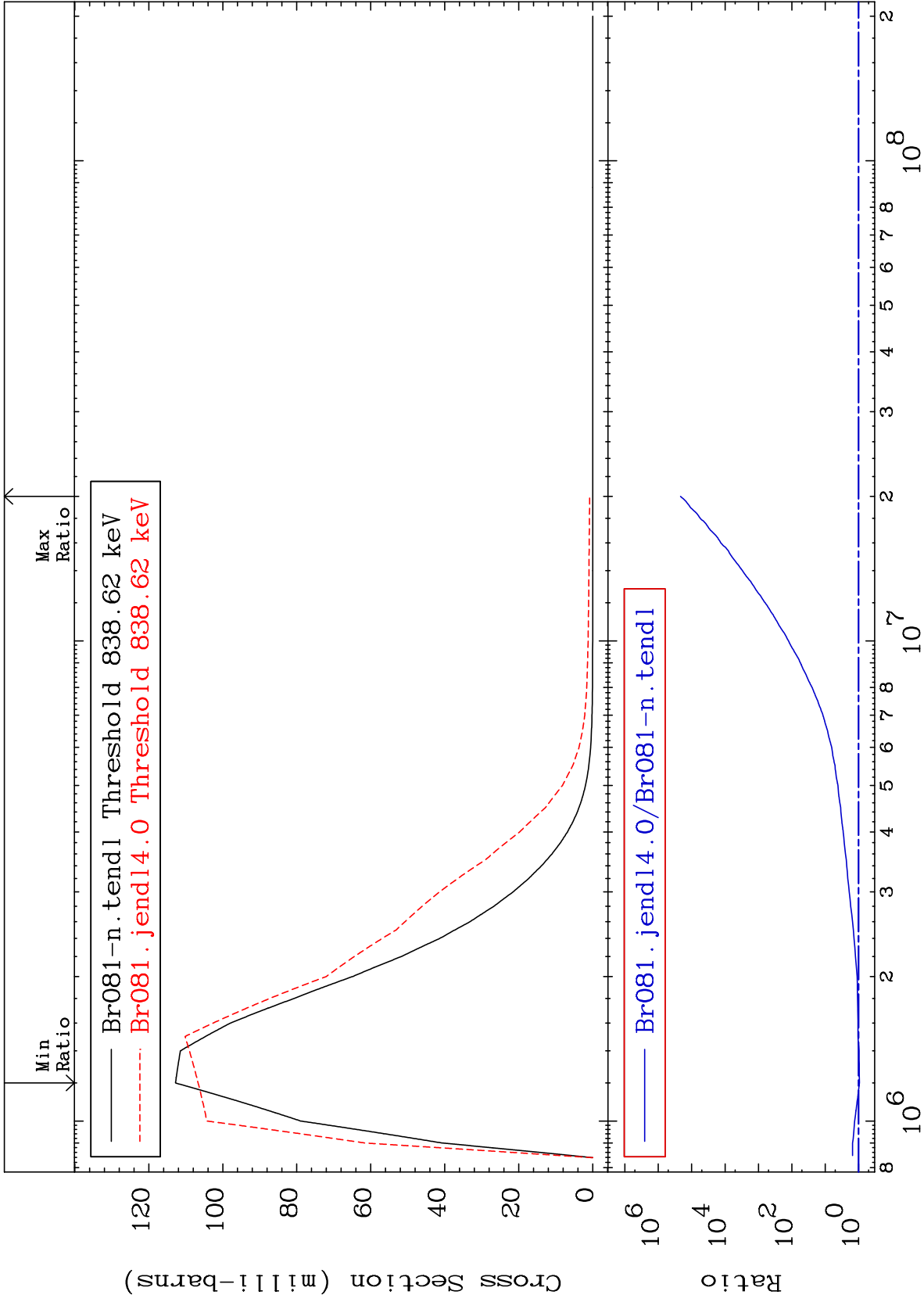
Incident Energy (eV)

35-Br-81

MAT 3531

828.3 keV (n,n') Level  
Cross Section

35-Br-81  
-5.429 To 9999. %



16

Incident Energy (eV)

35-Br-81



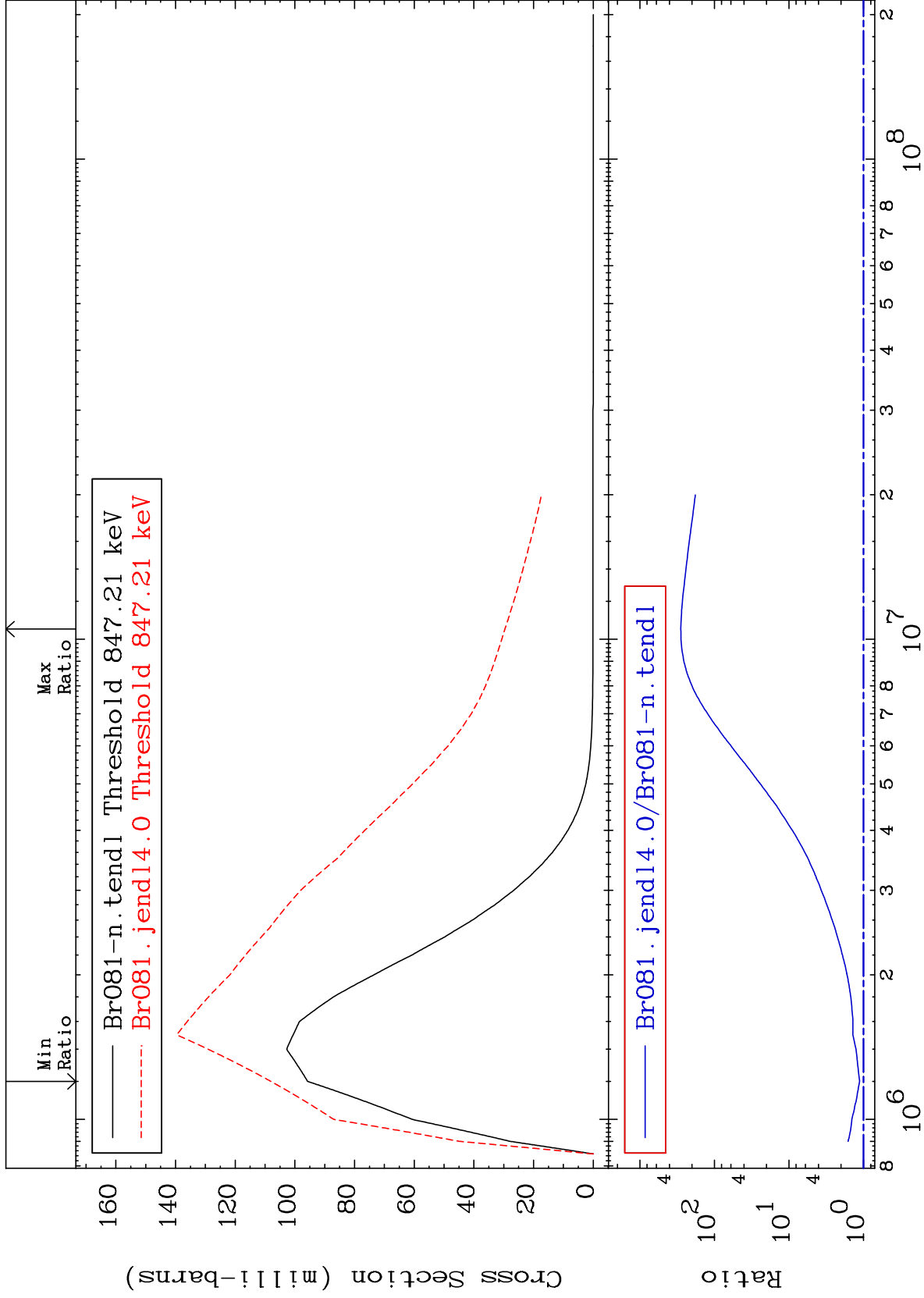
MAT 3531

836.8 keV (n,n') Level

35-Br-81

12.85 To 9999. %

Cross Section

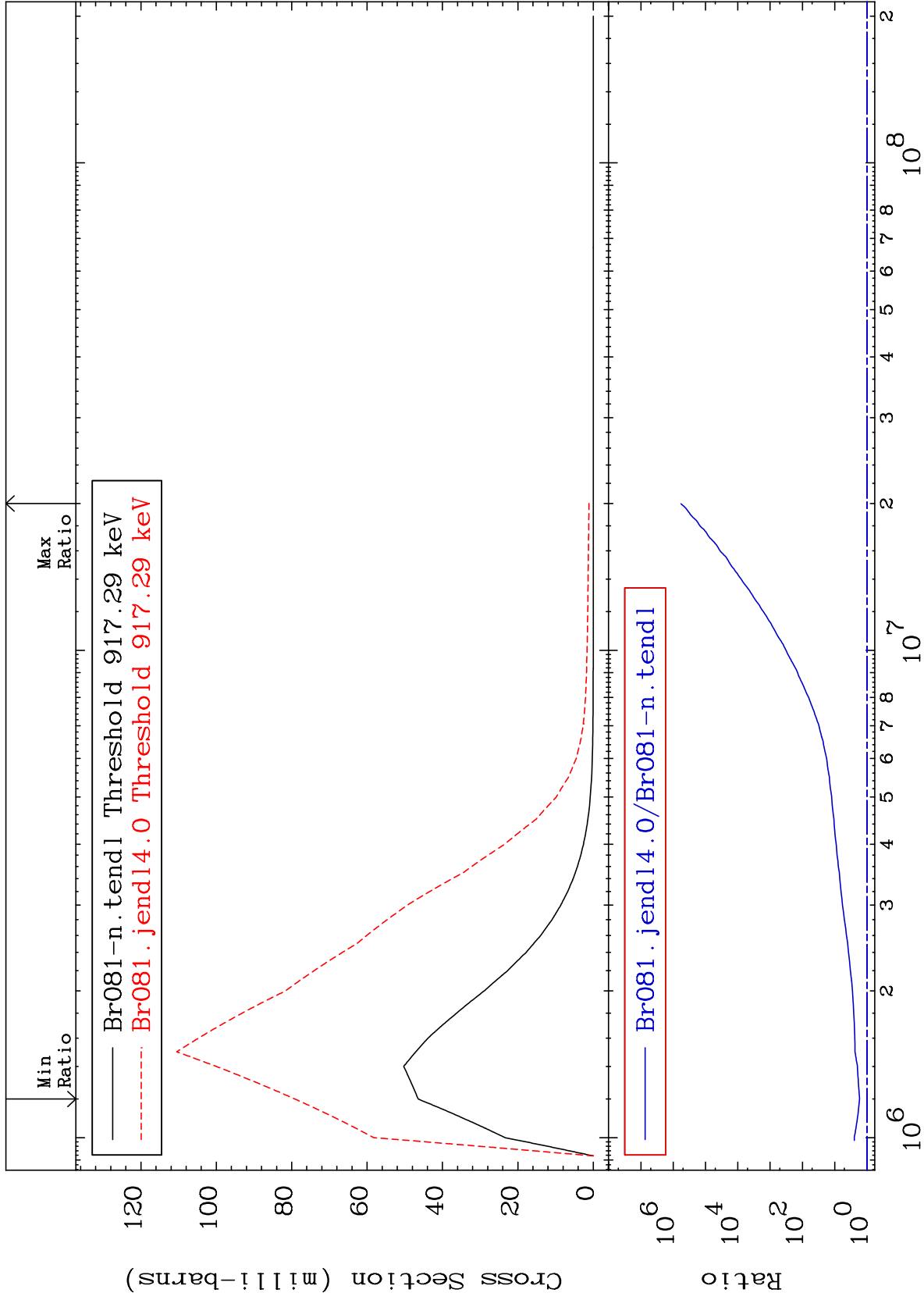


17

Incident Energy (eV)

35-Br-81

MAT 3531 35-Br-81  
 906.0 keV (n,n') Level 70.37 To 9999. %  
 Cross Section

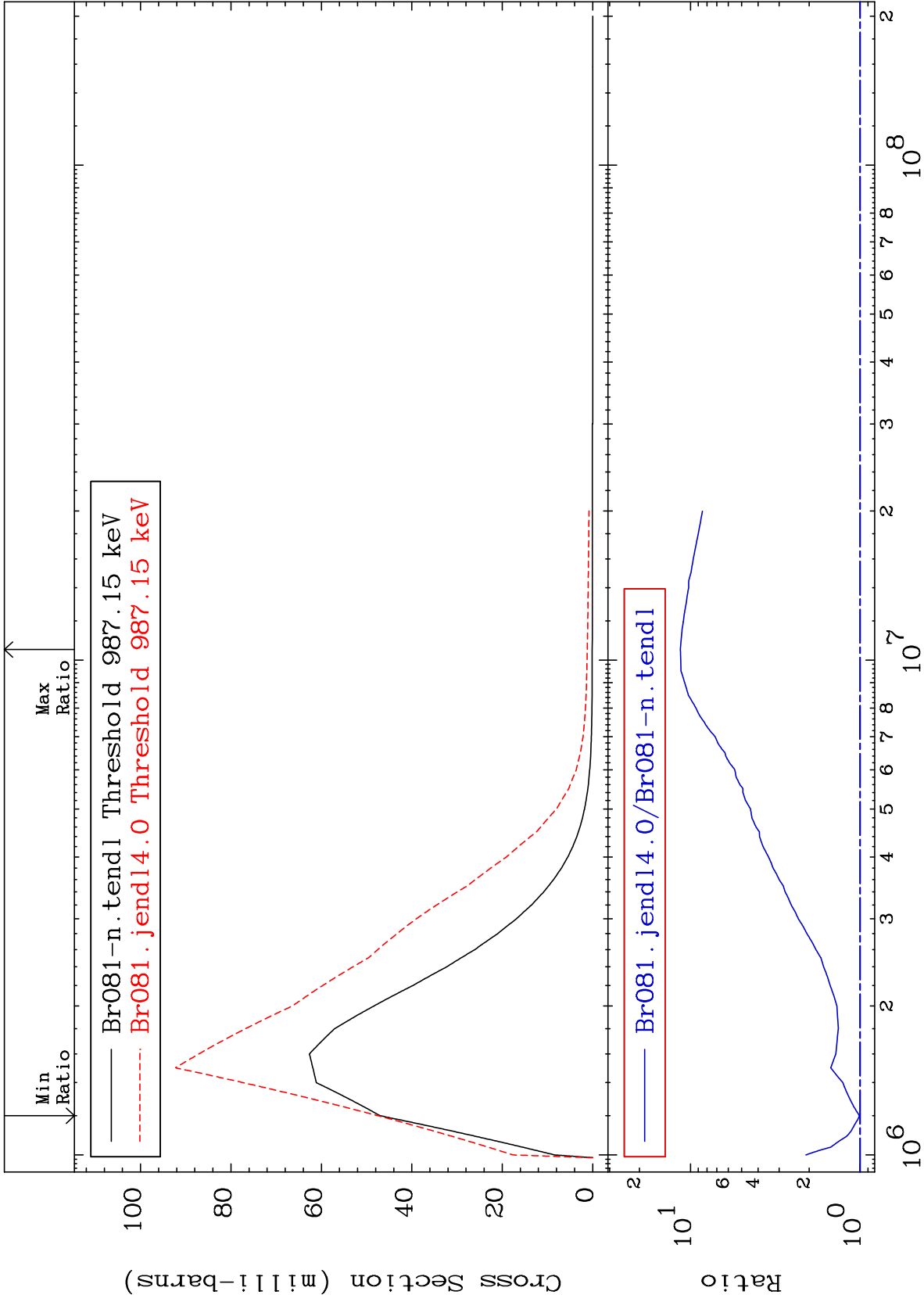


18 35-Br-81

MAT 3531

975.0 keV (n,n') Level  
Cross Section

35-Br-81  
0.982 To 1049. %



19

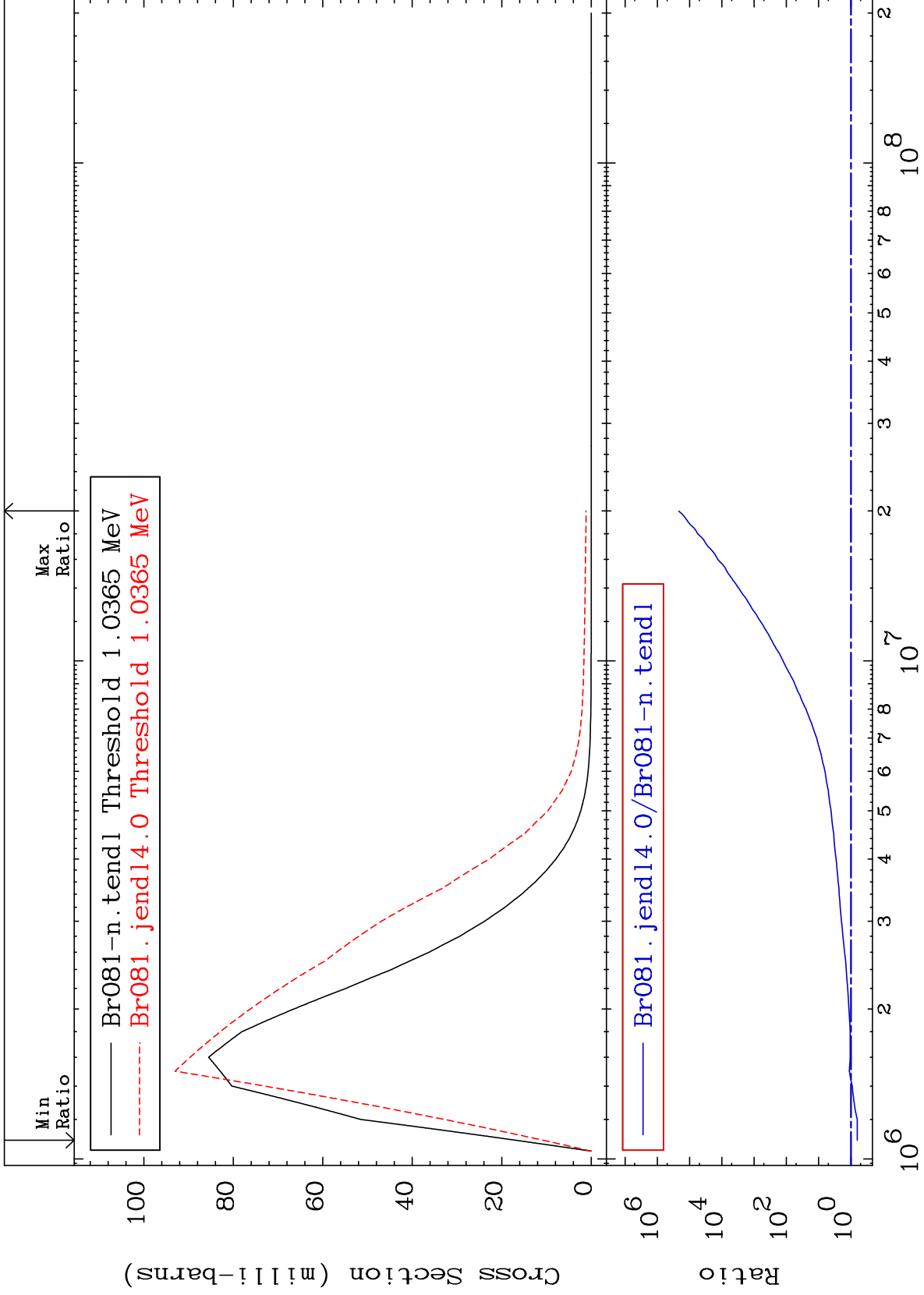
Incident Energy (eV)

35-Br-81

MAT 3531

1.024 MeV (n,n') Level  
Cross Section

35-Br-81  
-36.30 To 9999. %



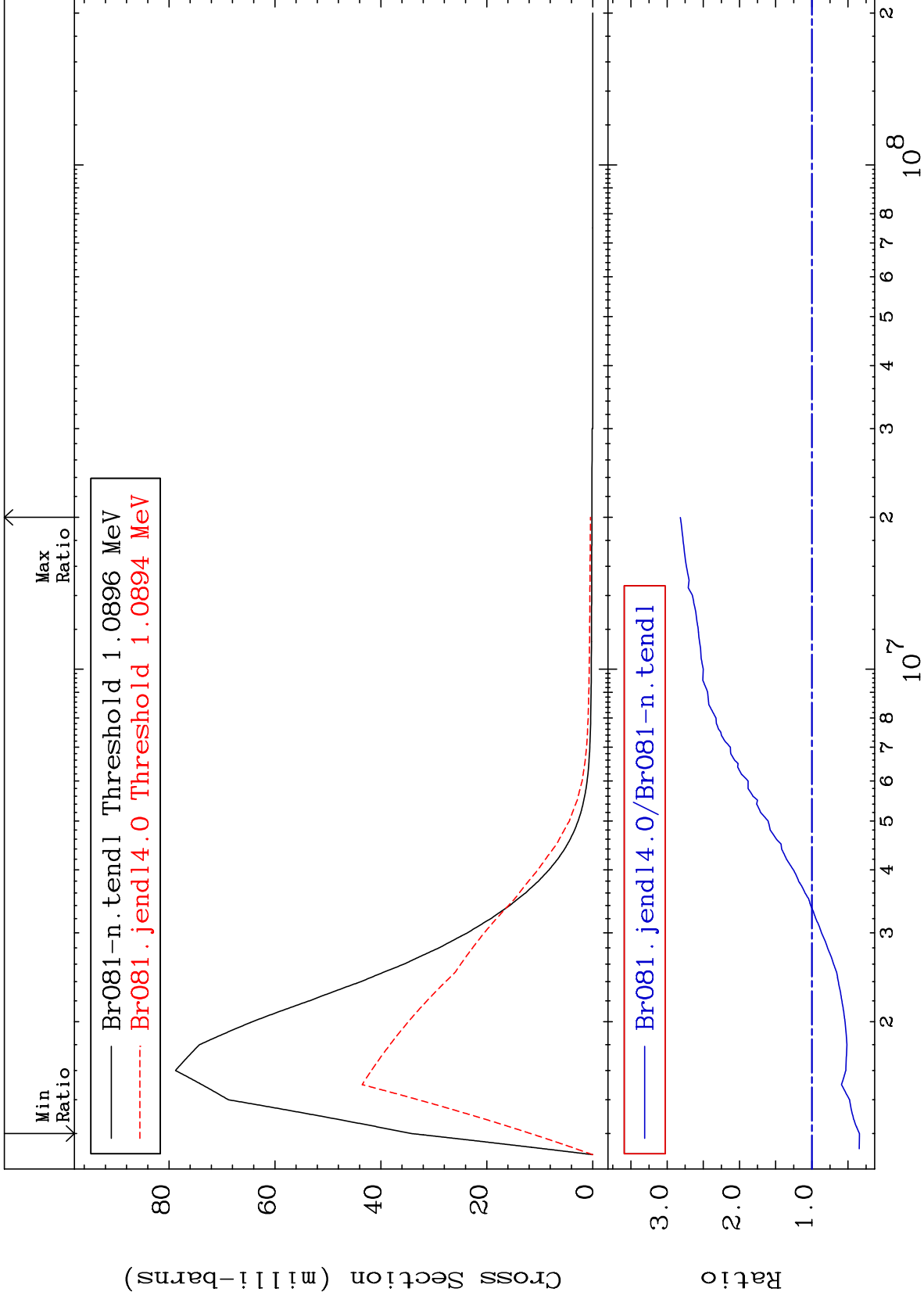
Incident Energy (eV)

35-Br-81

MAT 3531

1.076 MeV (n,n') Level  
Cross Section

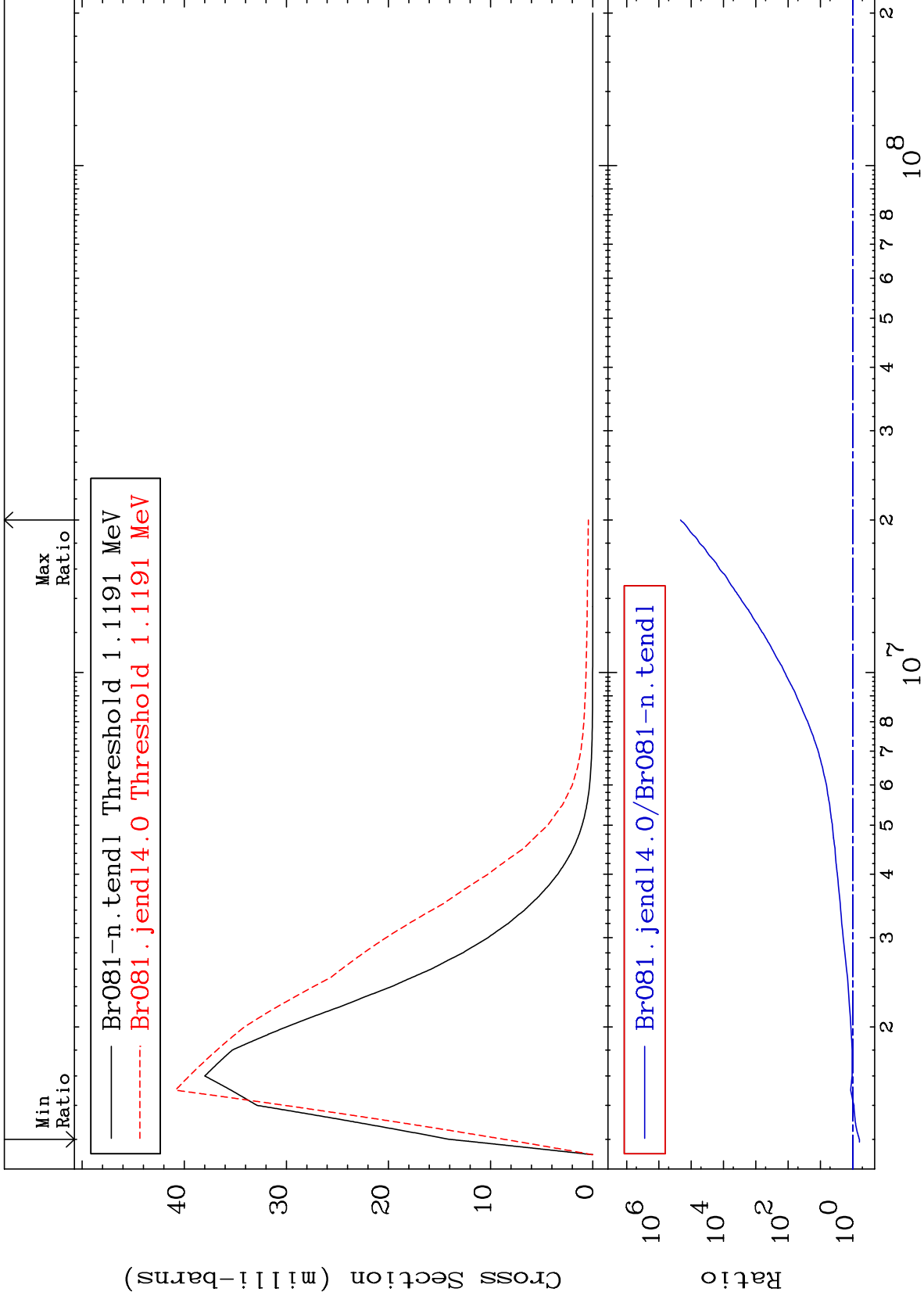
<sup>35</sup>Br-81  
-65.77 To 181.7 %

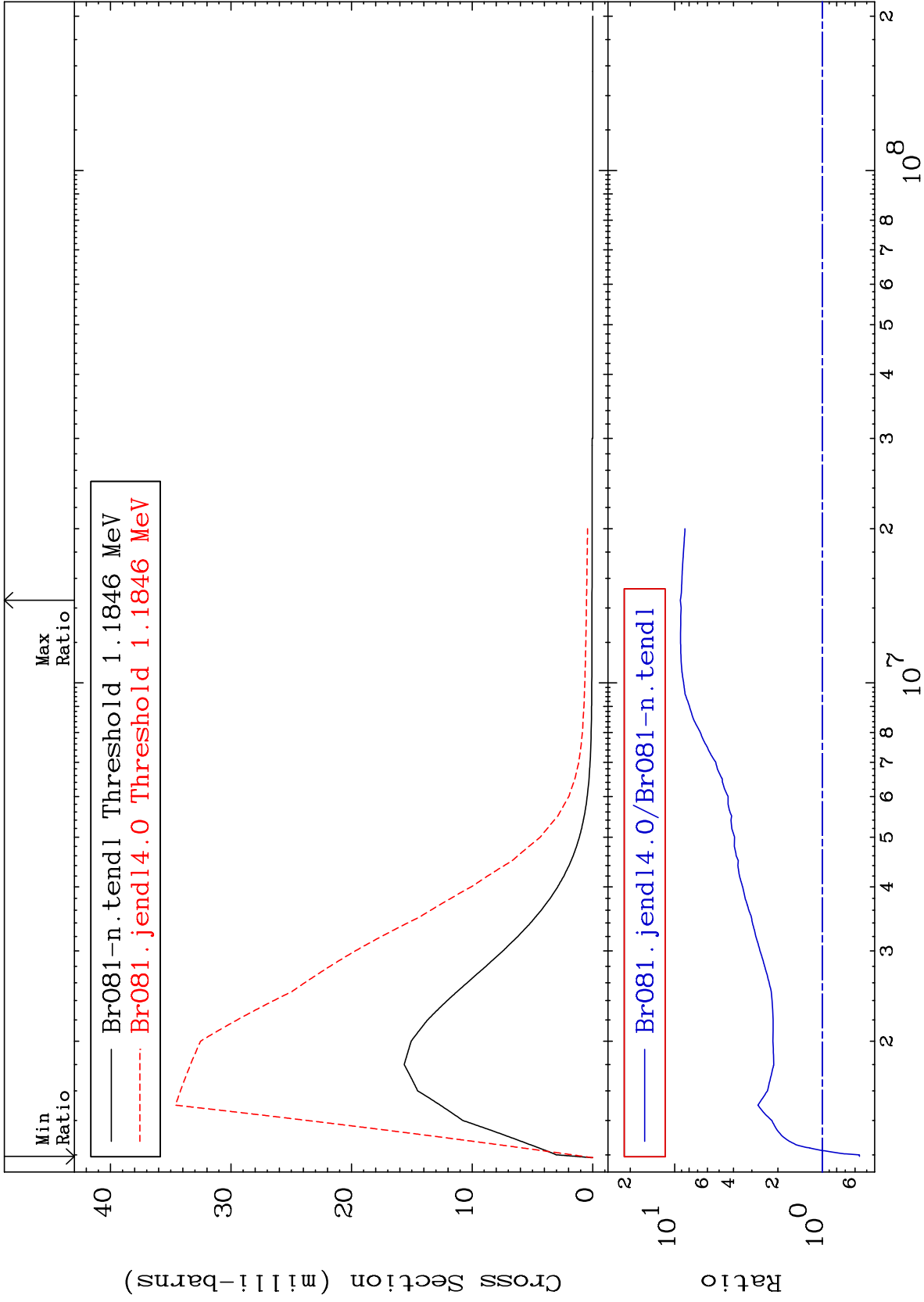


MAT 3531

1.105 MeV (n,n') Level  
Cross Section

35-Br-81  
-38.16 To 9999. %

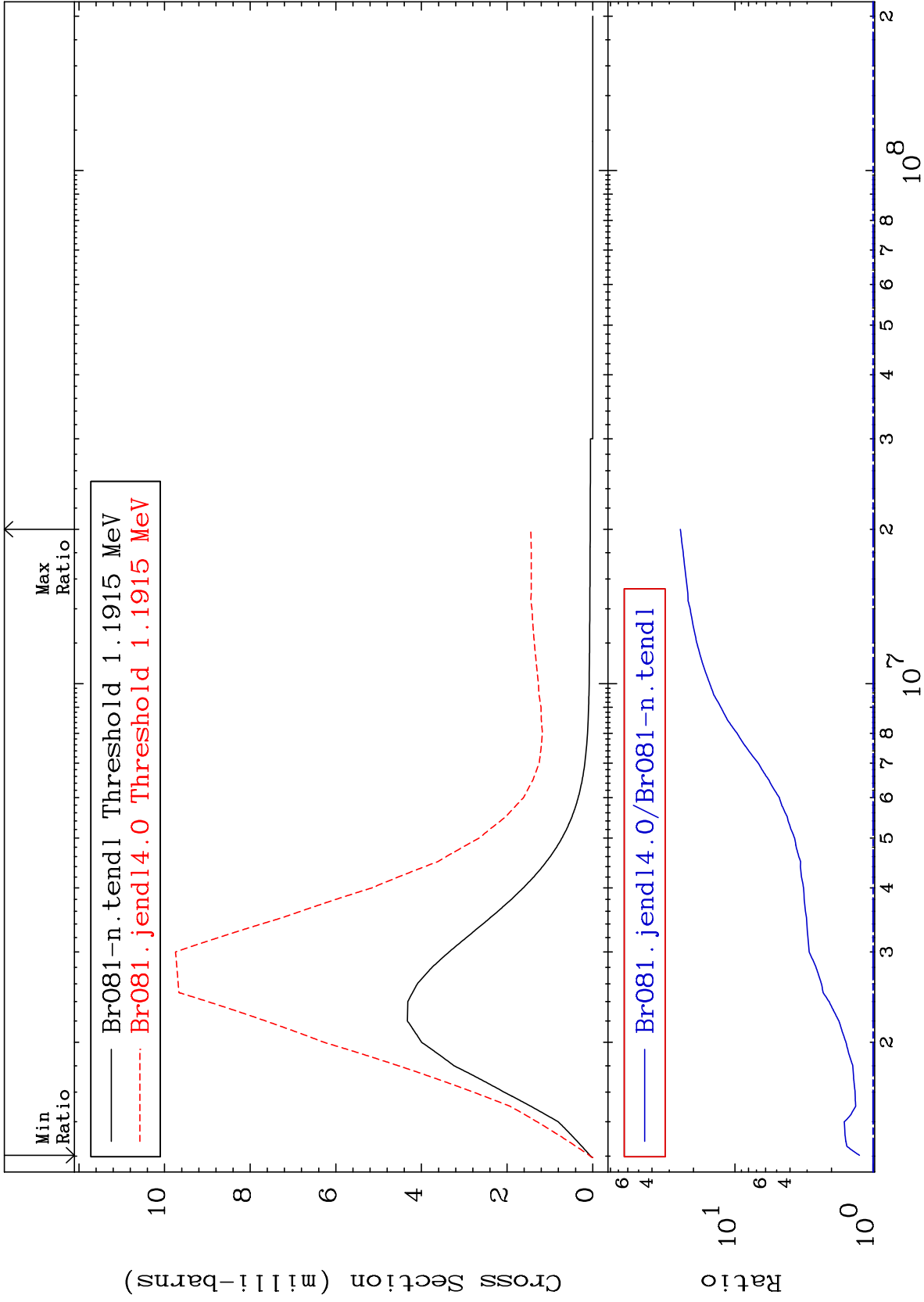




MAT 3531

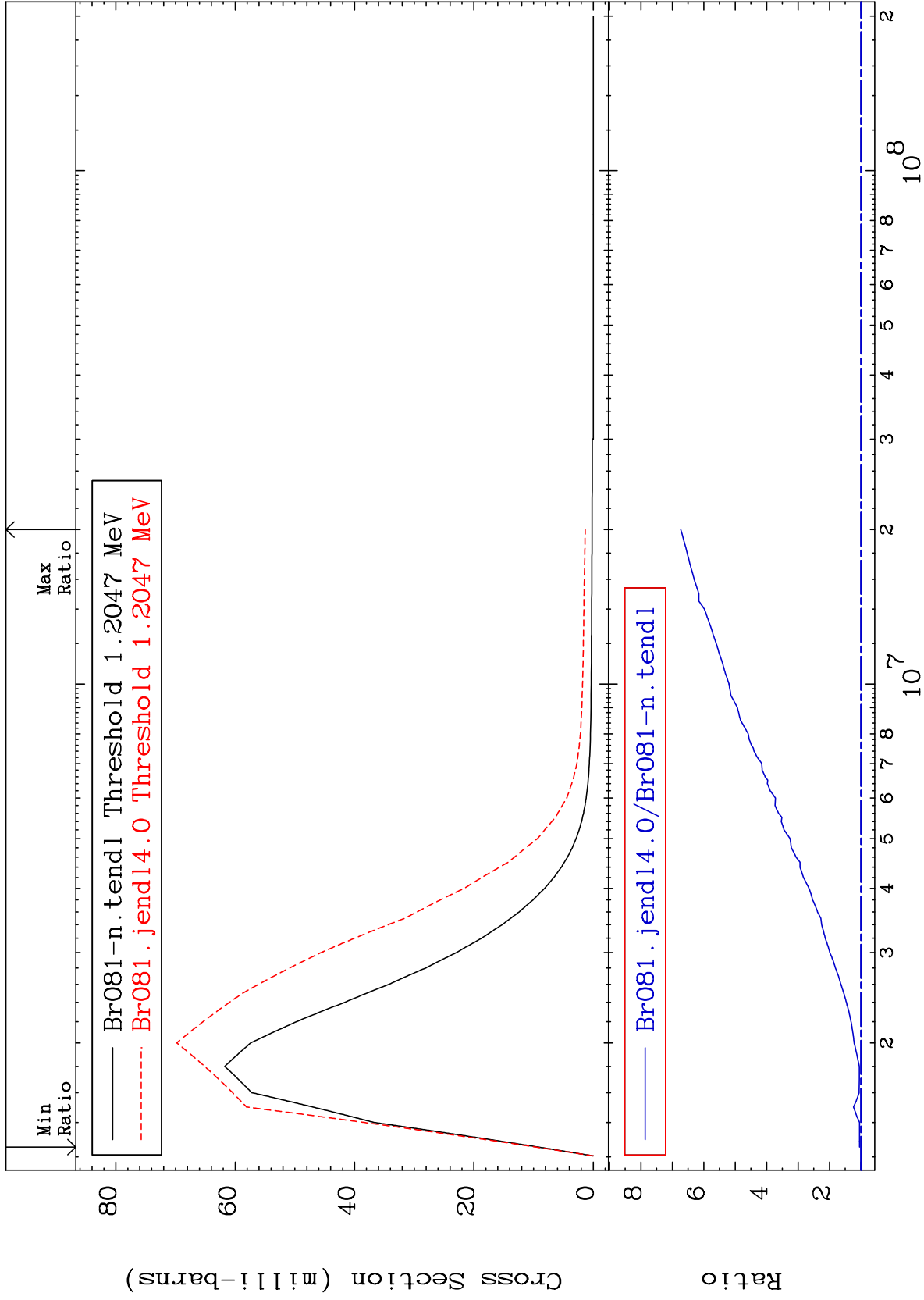
1.177 MeV (n,n') Level  
Cross Section

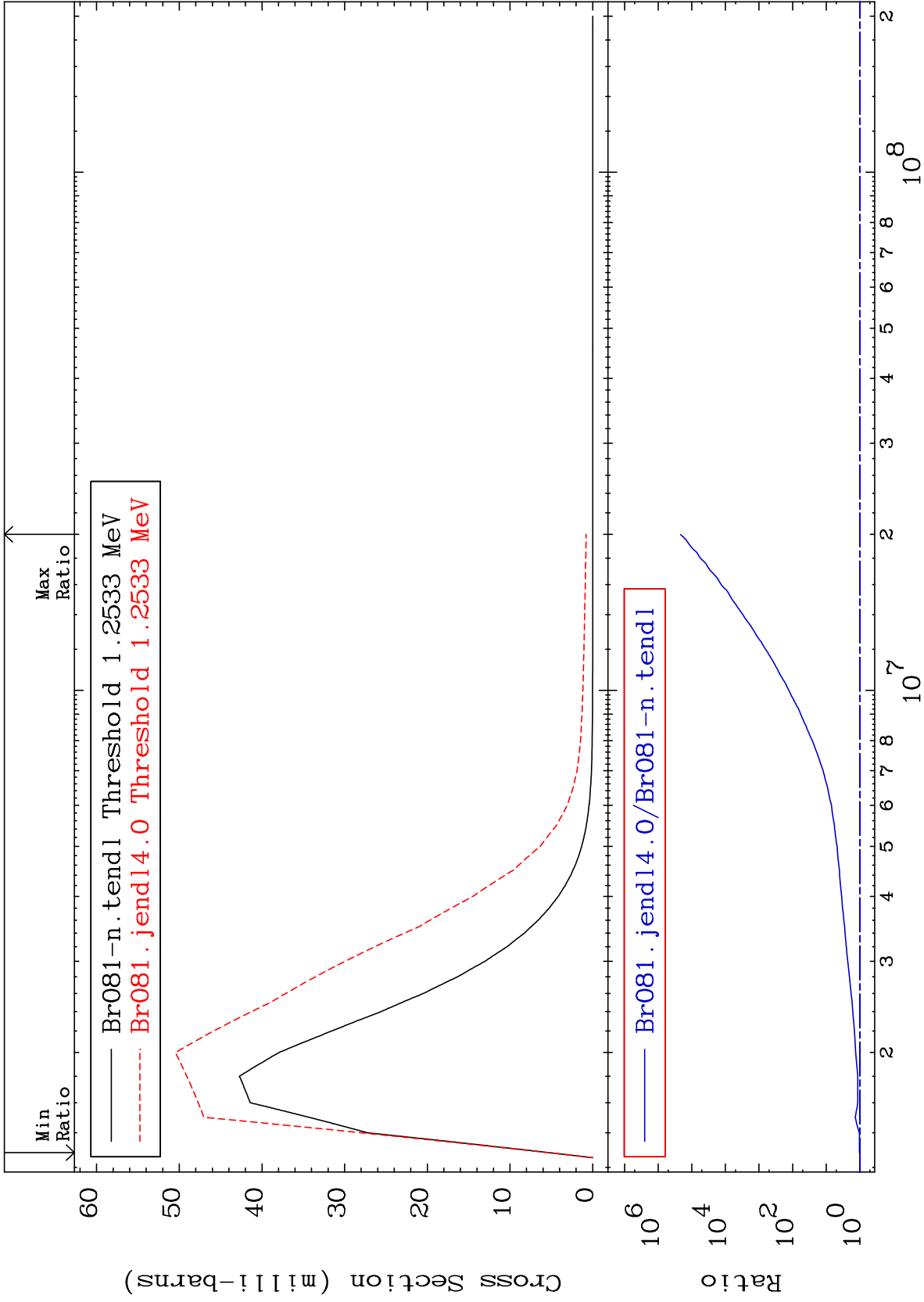
35-Br-81  
25.35 To 2392. %



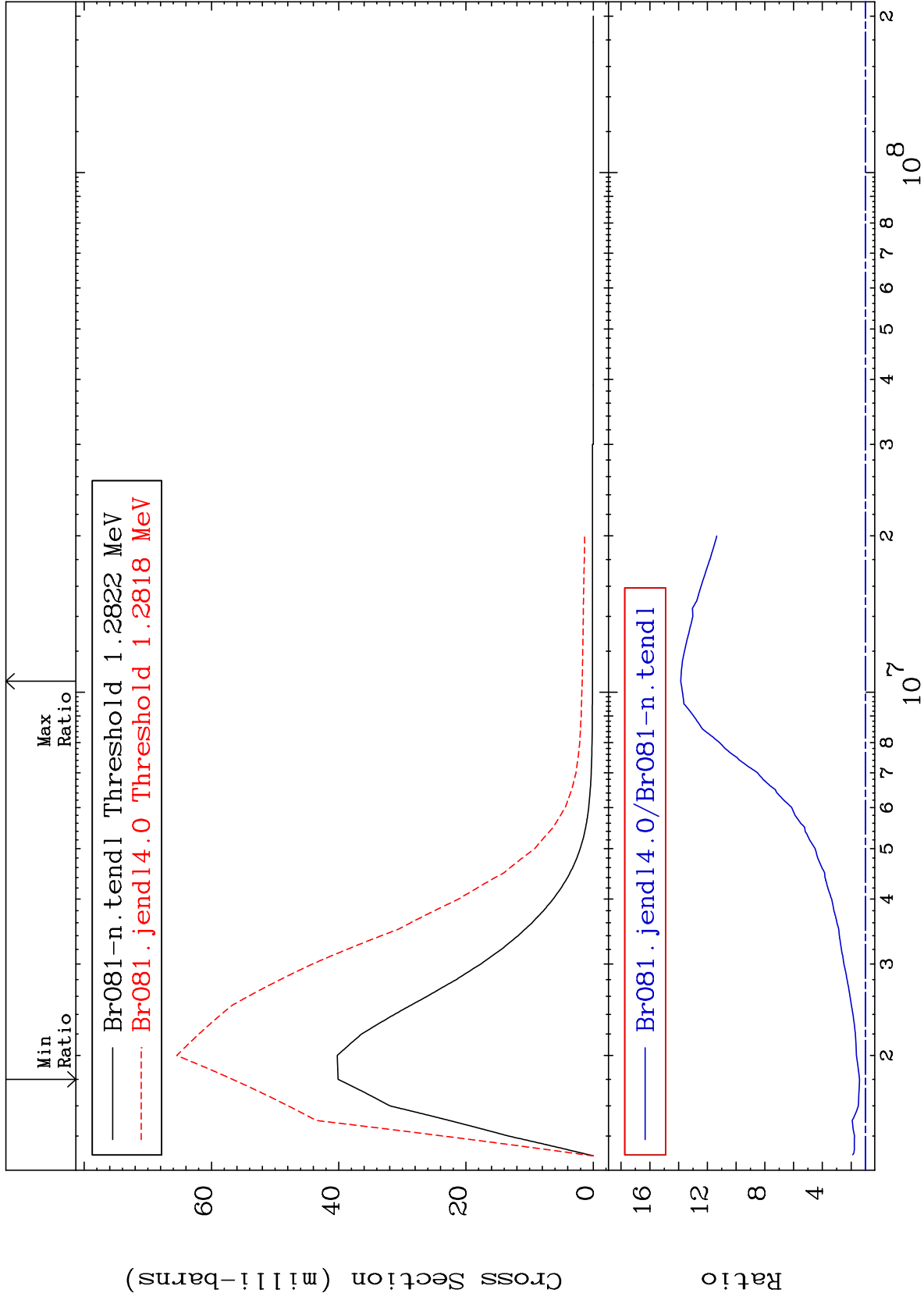


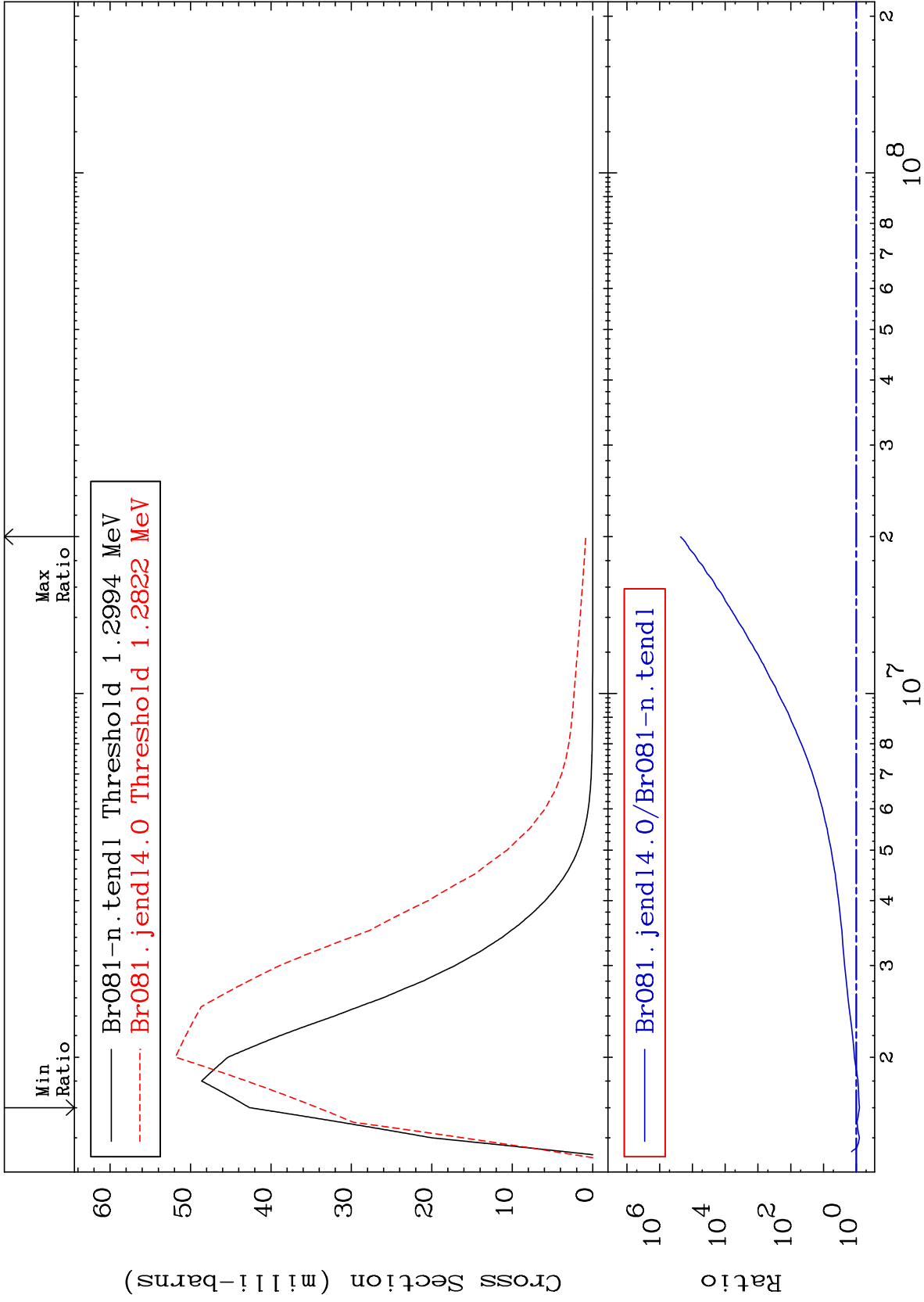
MAT 3531 1.190 MeV (n,n') Level Cross Section 35-Br-81 4.554 To 573.1 %

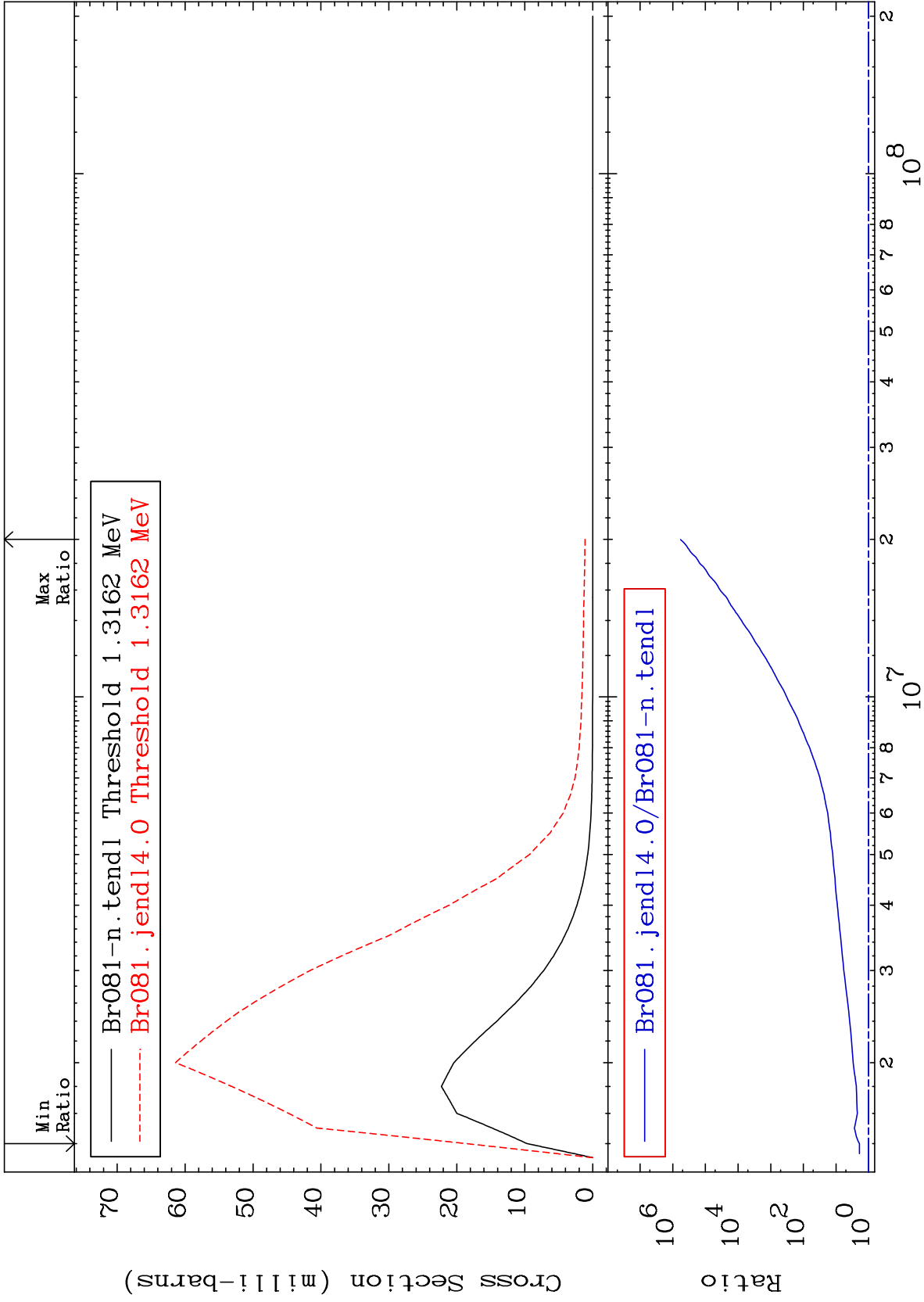




MAT 3531 1.266 MeV (n,n') Level 35-Br-81  
 Cross Section 41.39 To 1285. %







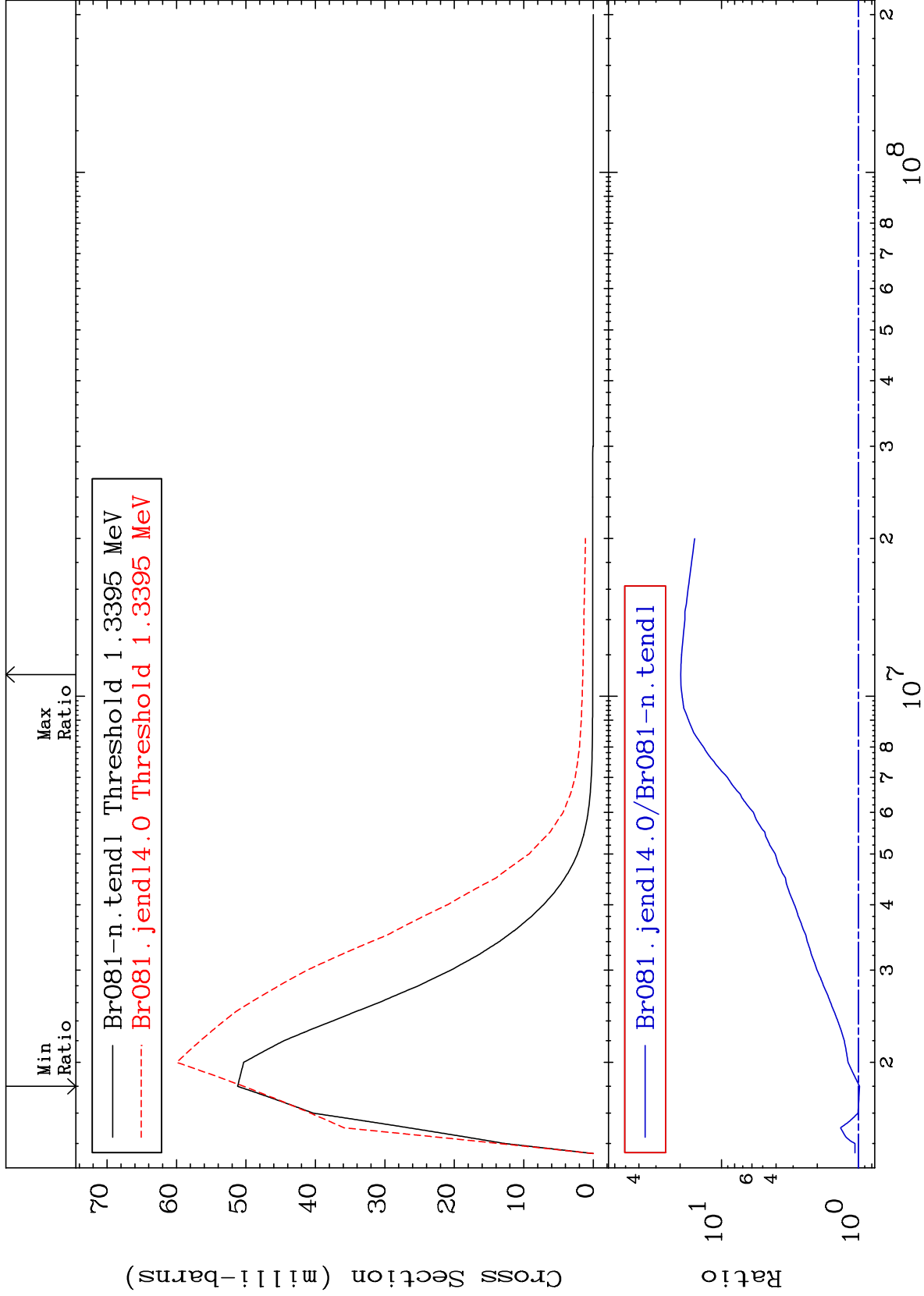
MAT 3531

1.323 MeV (n,n') Level

35-Br-81

-1.691 To 1881. %

Cross Section



30

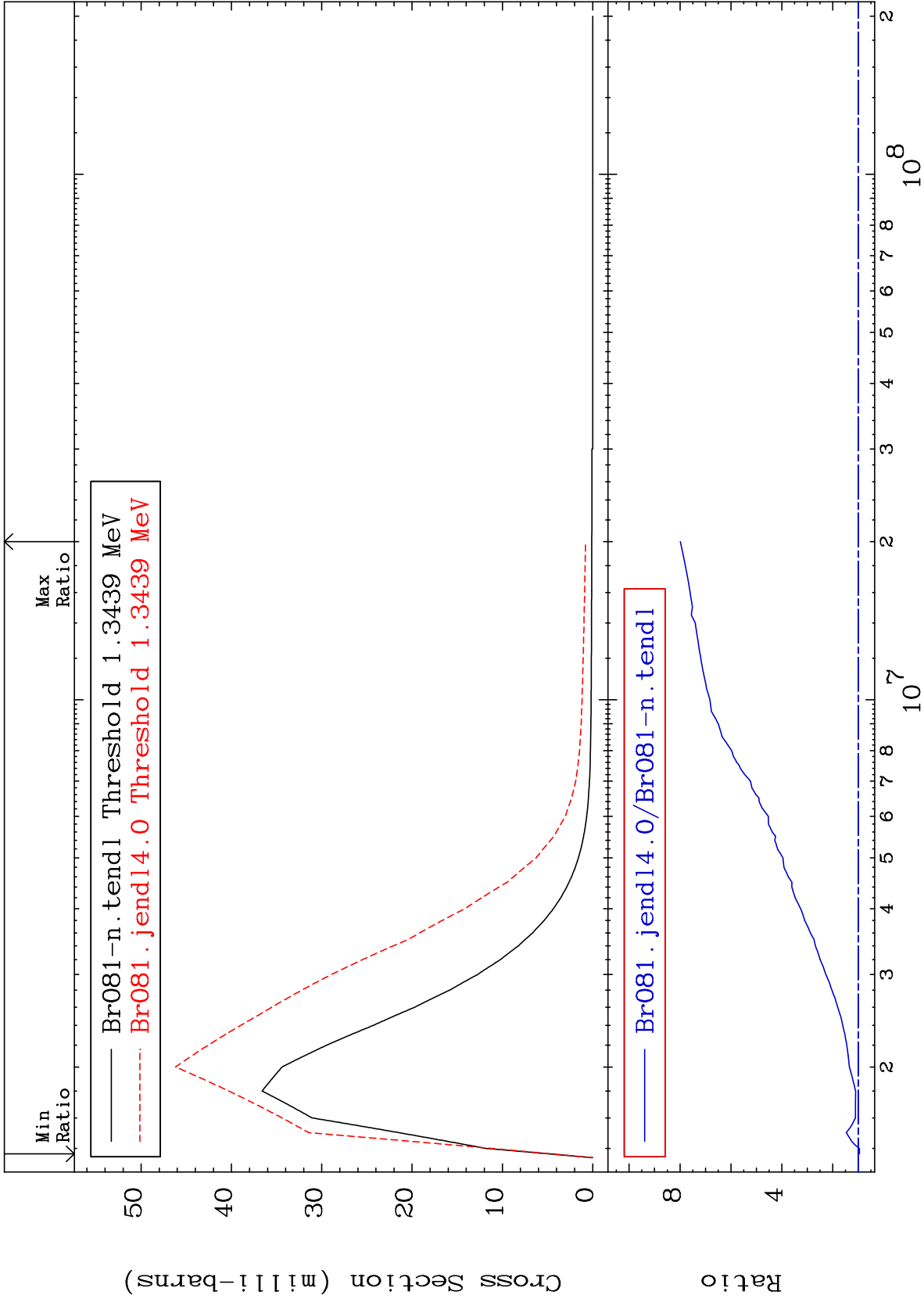
Incident Energy (eV)

35-Br-81

MAT 3531

1.327 MeV (n,n') Level  
Cross Section

35-Br-81  
-5.086 To 698.6 %



31

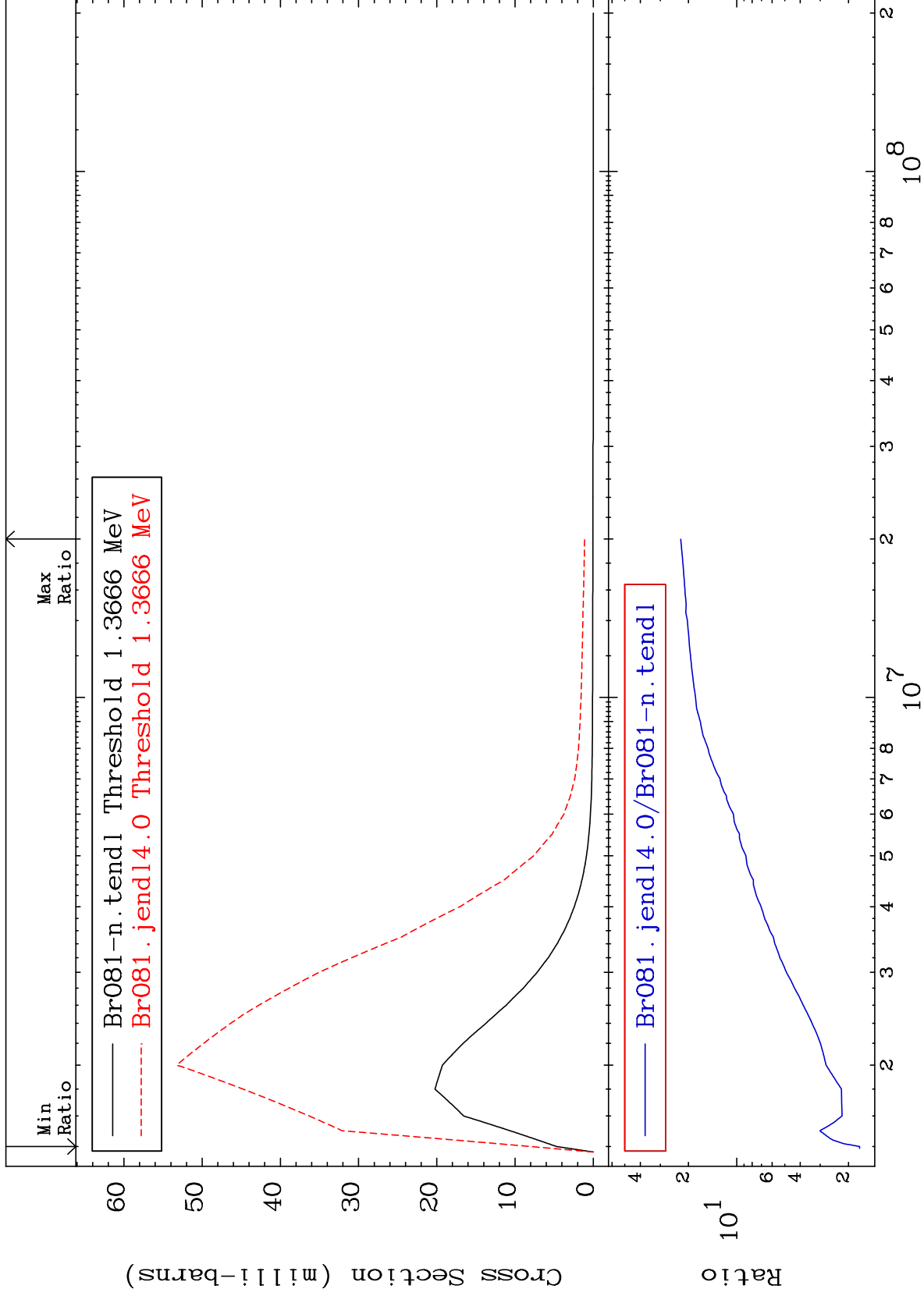
Incident Energy (eV)

35-Br-81

MAT 3531

1.350 MeV (n,n') Level  
Cross Section

35-Br-81  
70.52 To 2134. %

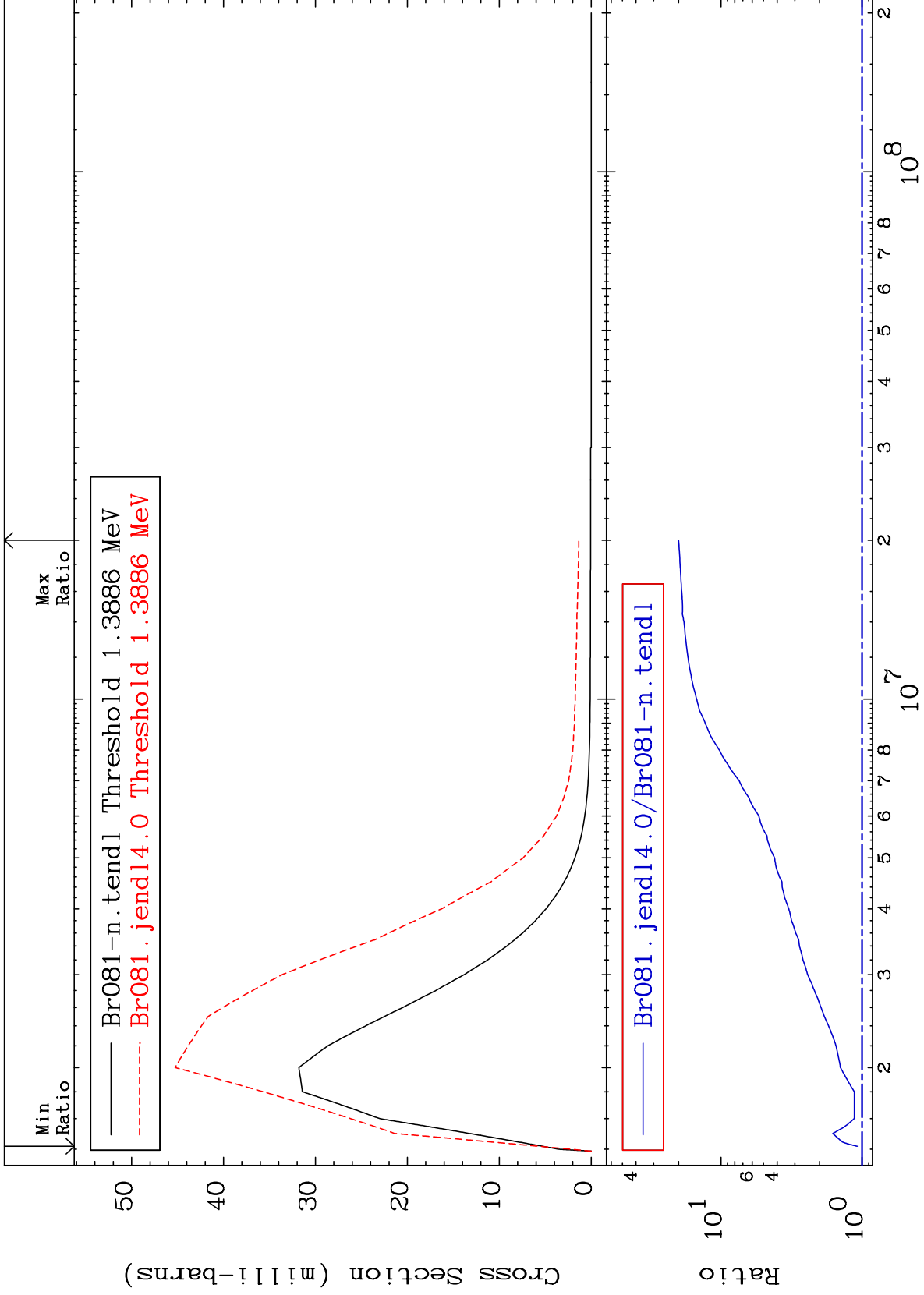


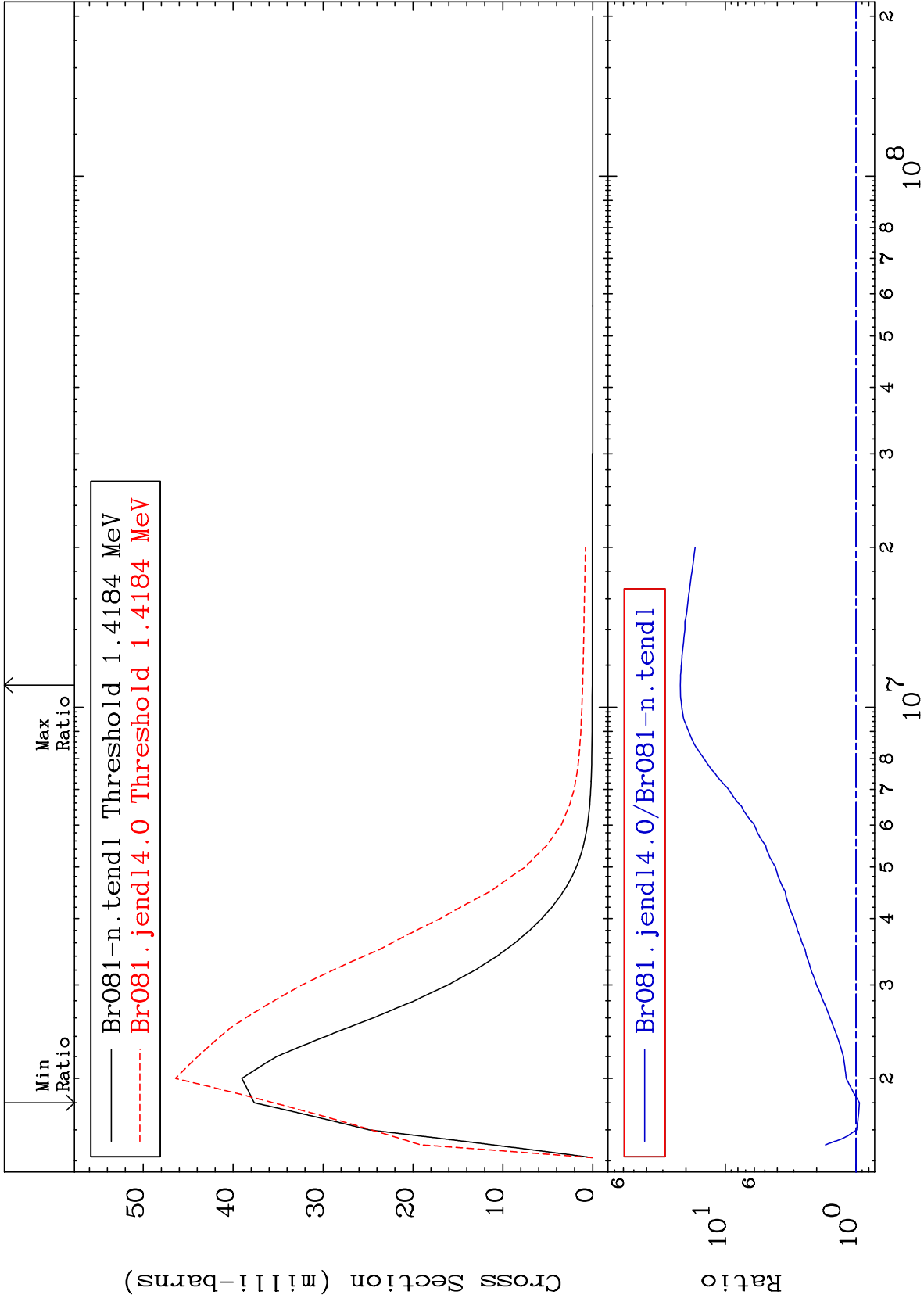


MAT 3531

1.372 MeV (n,n') Level  
Cross Section

35-Br-81  
8.284 To 1897. %

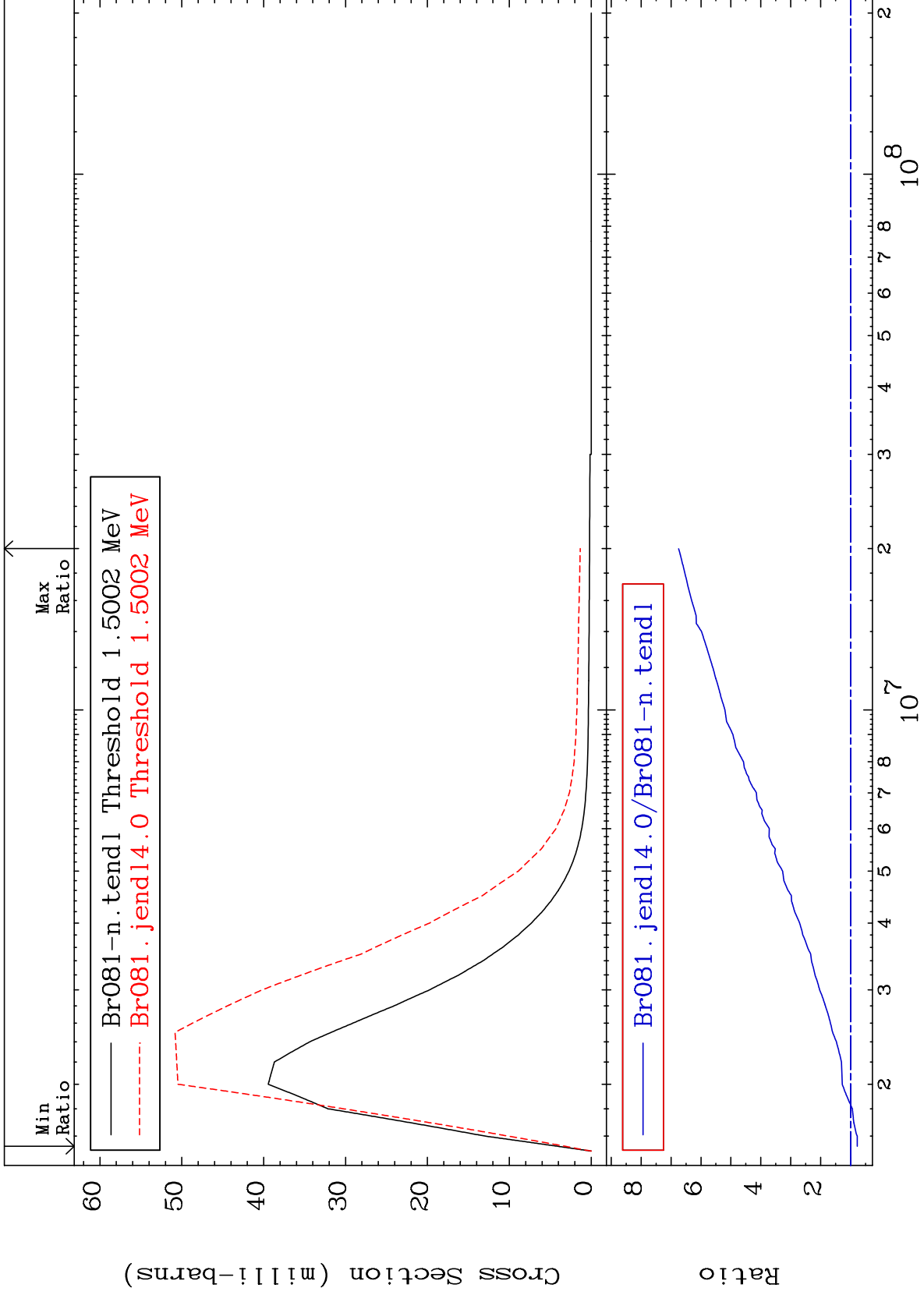




MAT 3531

1.482 MeV (n,n') Level  
Cross Section

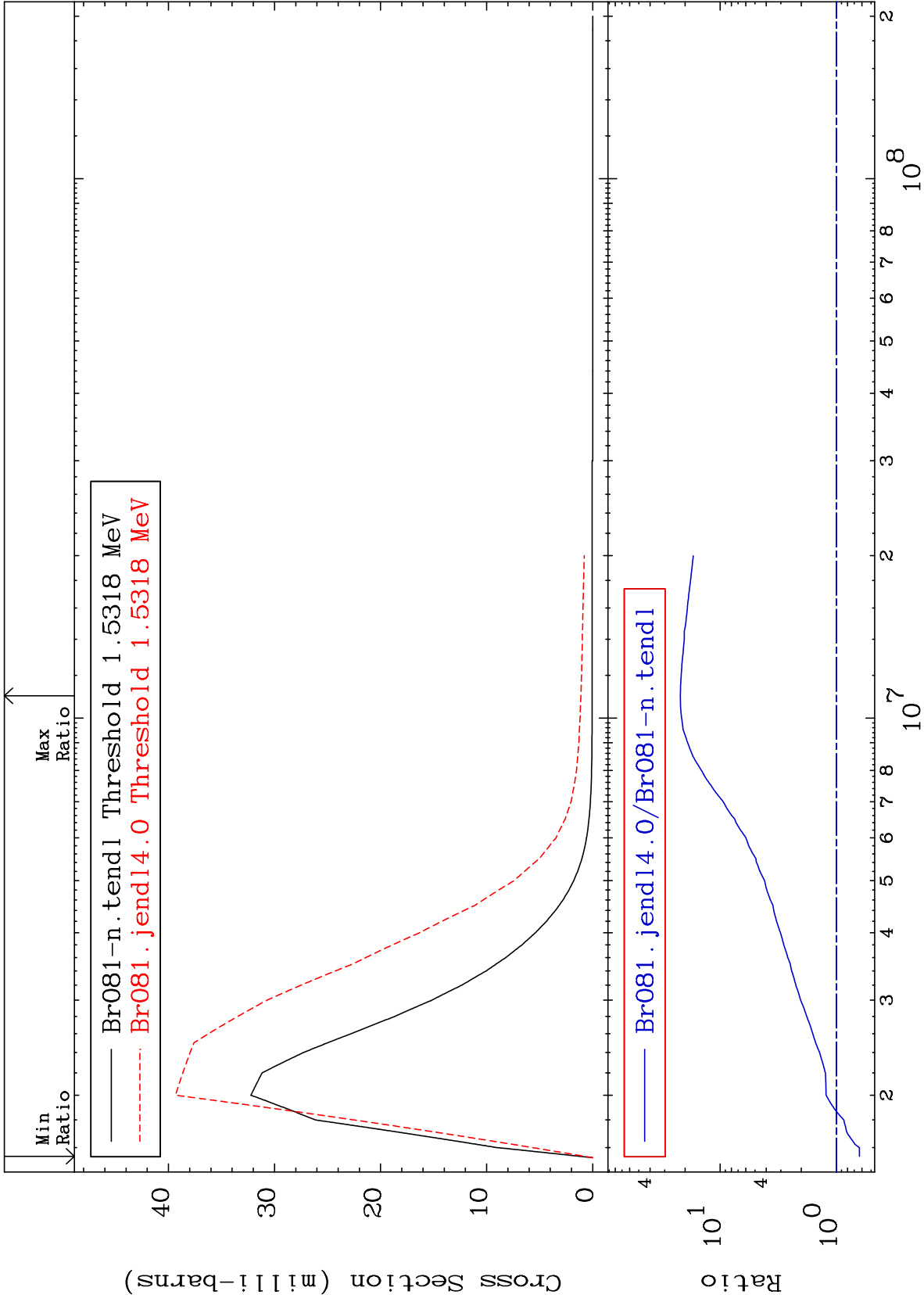
35-Br-81  
-22.20 To 574.6 %



35

Incident Energy (eV)

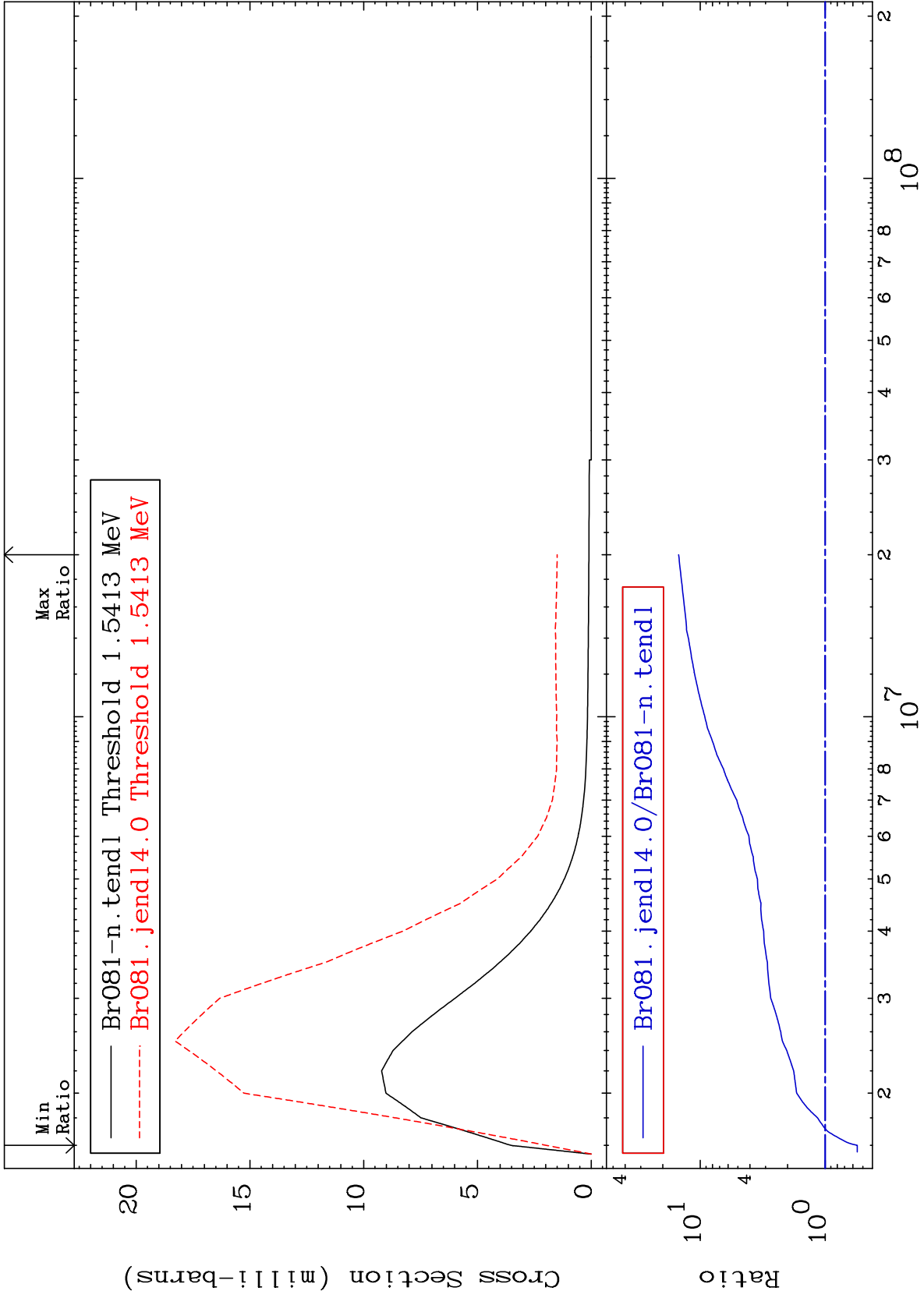
35-Br-81

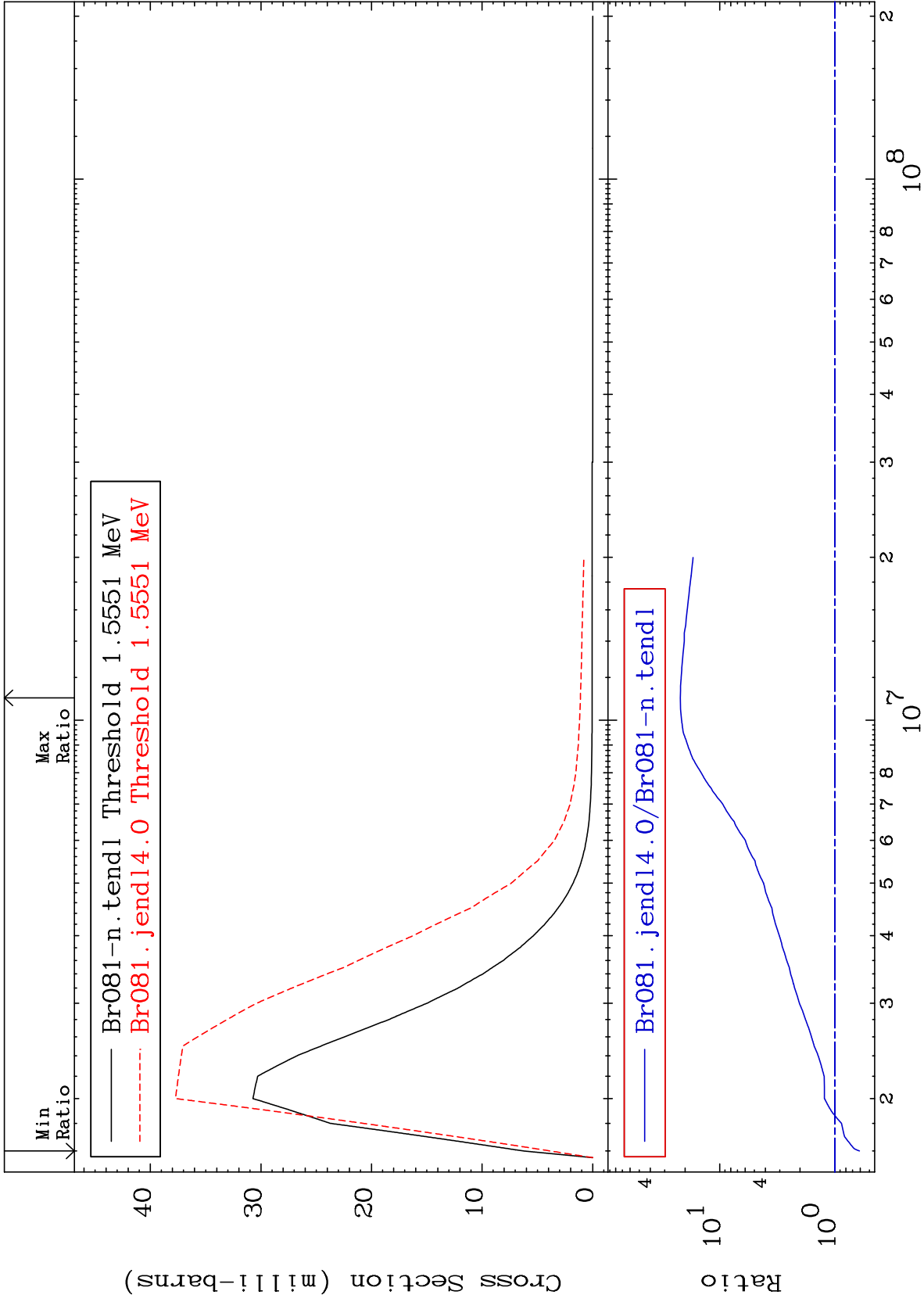


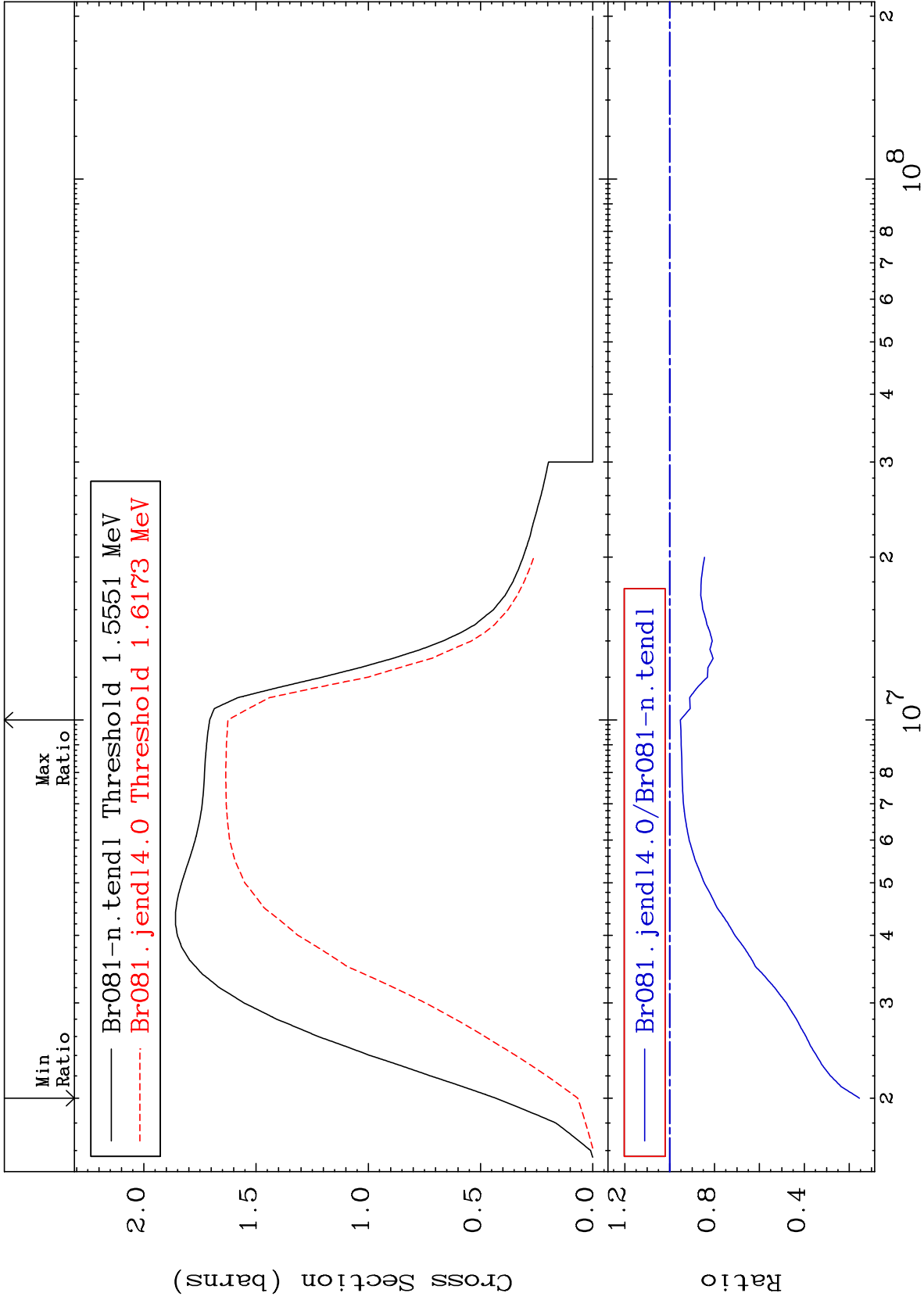
MAT 3531

1.522 MeV (n,n') Level  
Cross Section

35-Br-81  
-44.65 To 1391. %







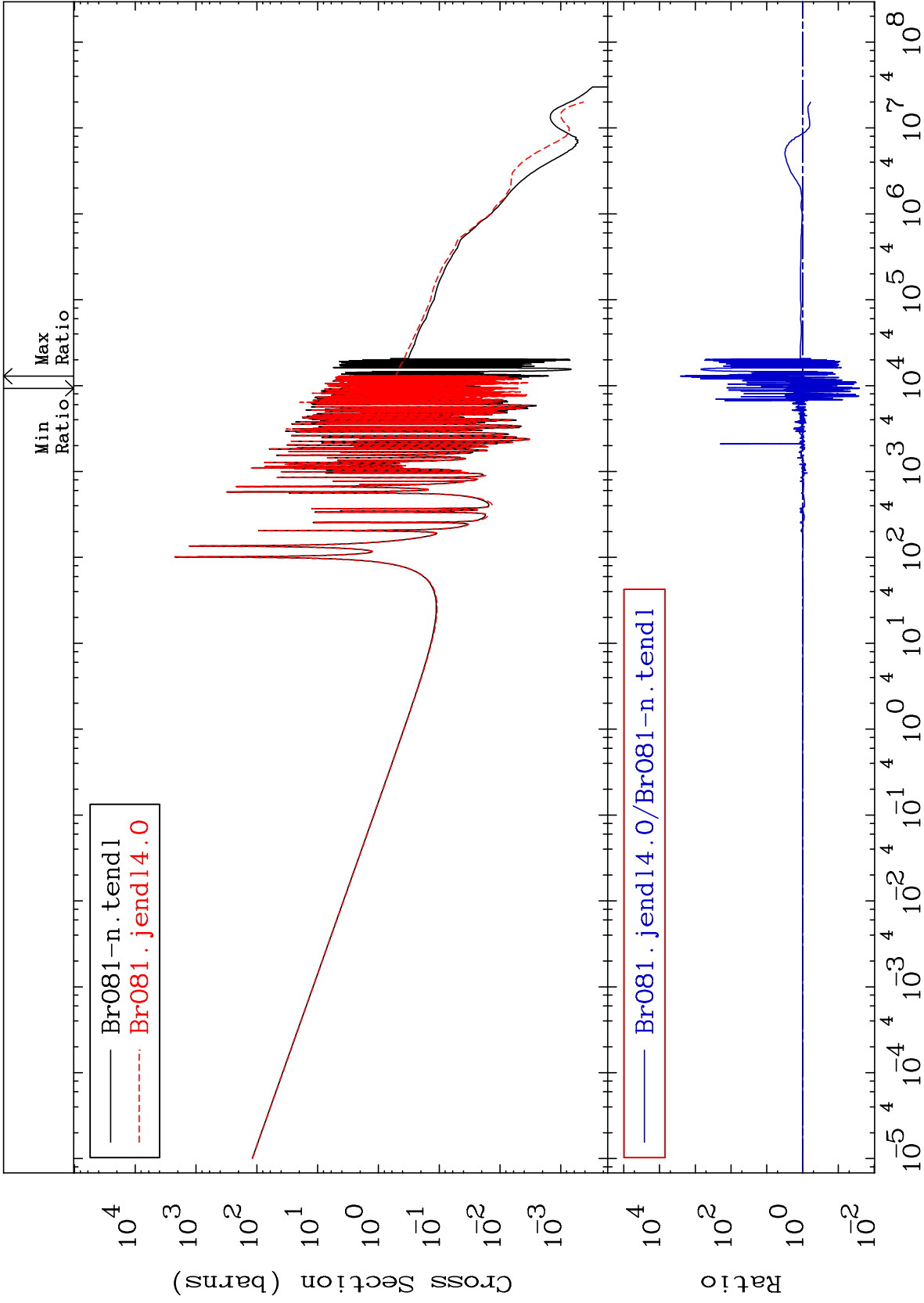
MAT 3531

(n,  $\gamma$ )

35-Br-81

Cross Section

-97.41 To 9999. %



40

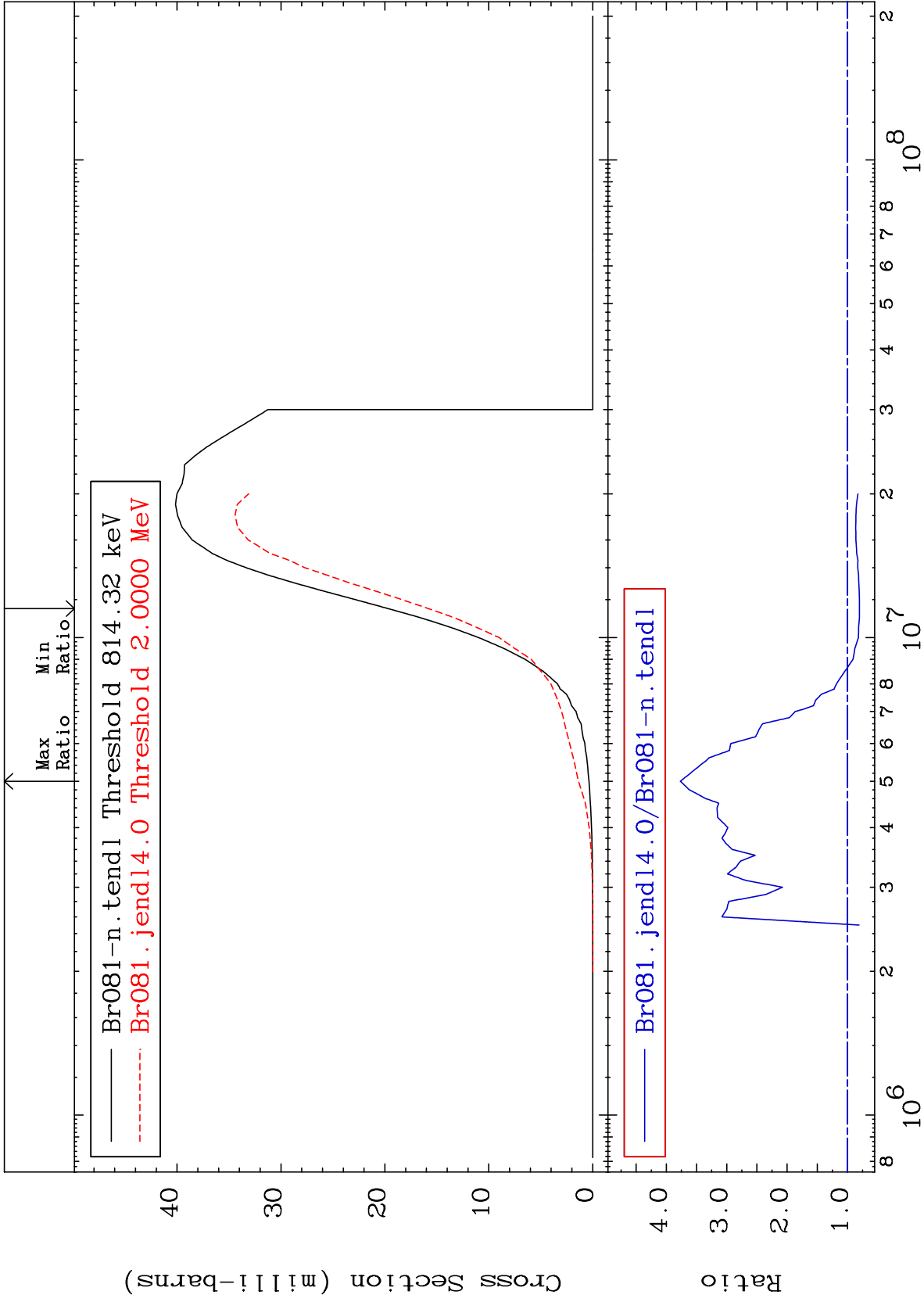
Incident Energy (eV)

35-Br-81



MAT 3531

(n,p) Cross Section  
35-Br-81  
-19.71 To 276.8 %



41

Incident Energy (eV)

35-Br-81

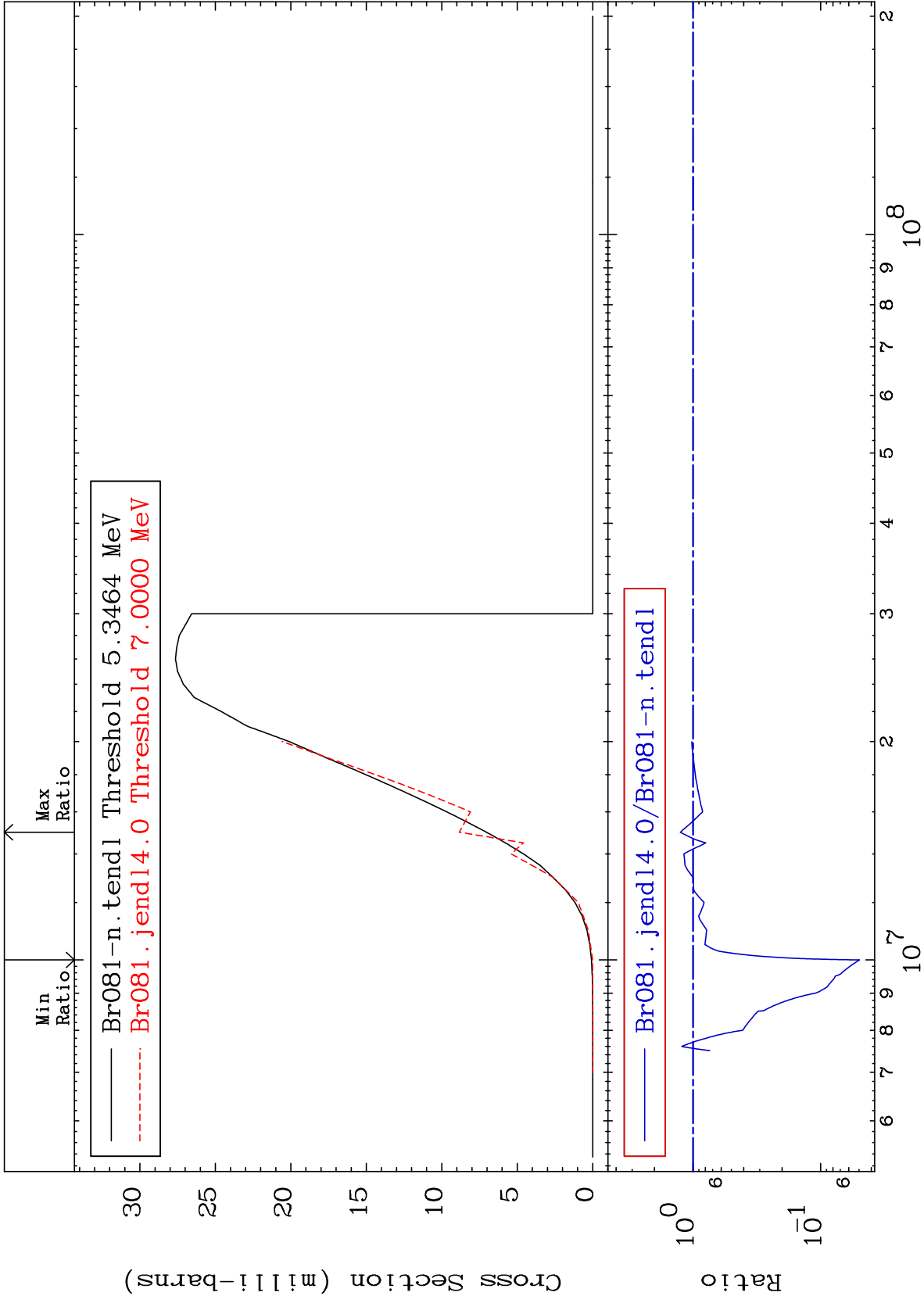
MAT 3531

(n, d)

35-Br-81

Cross Section

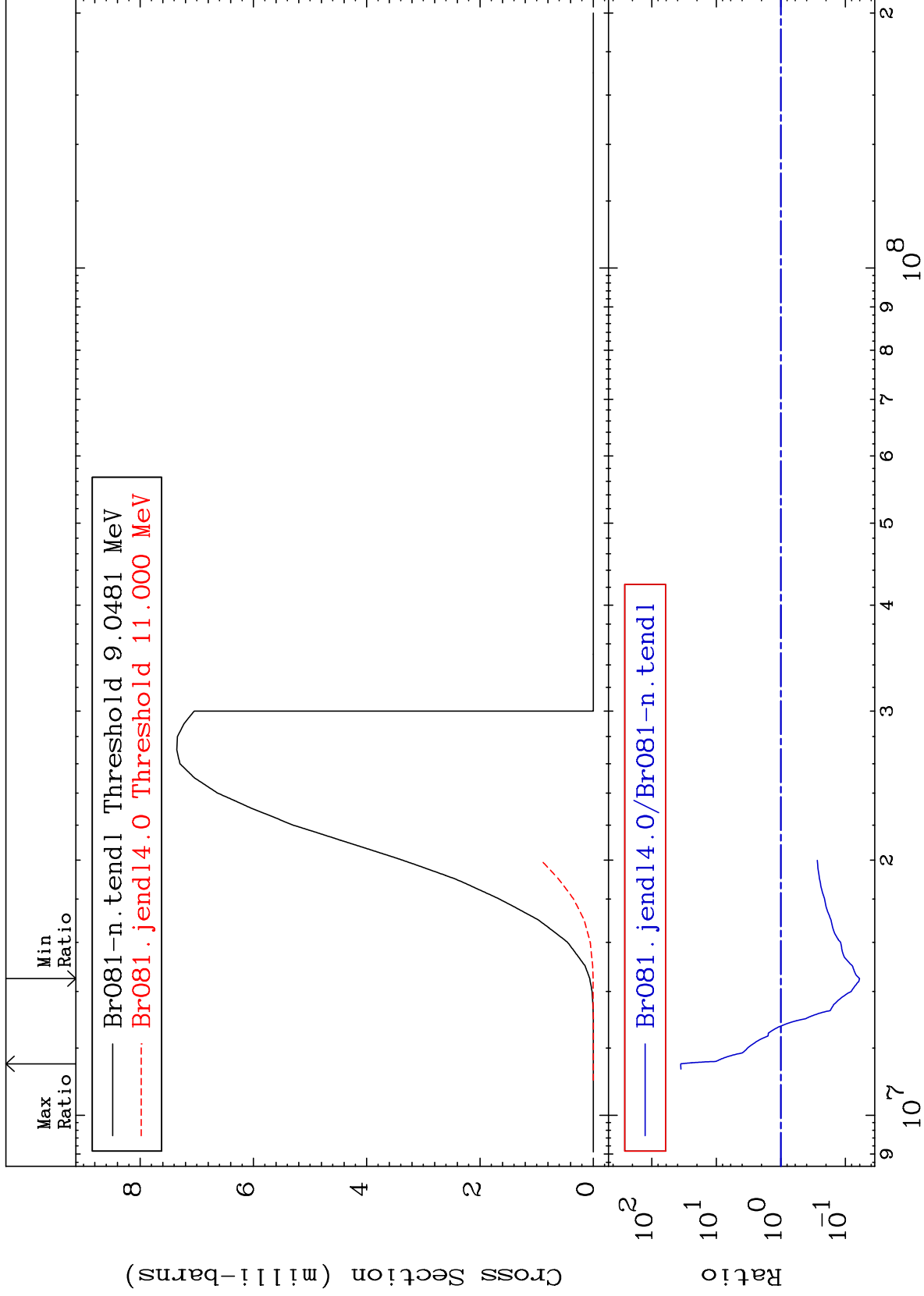
-95.04 To 25.50 %

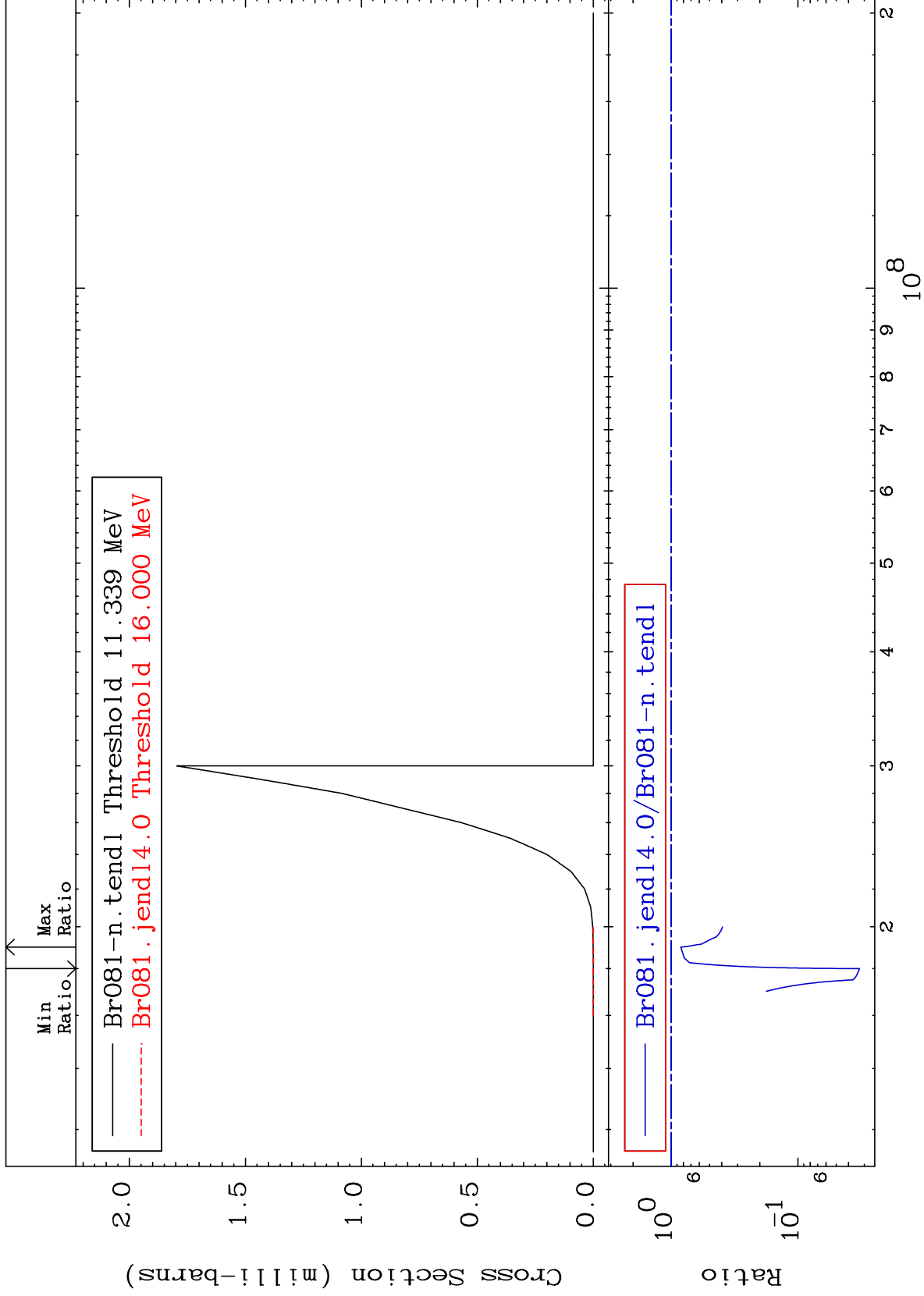


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Incident Energy (eV)

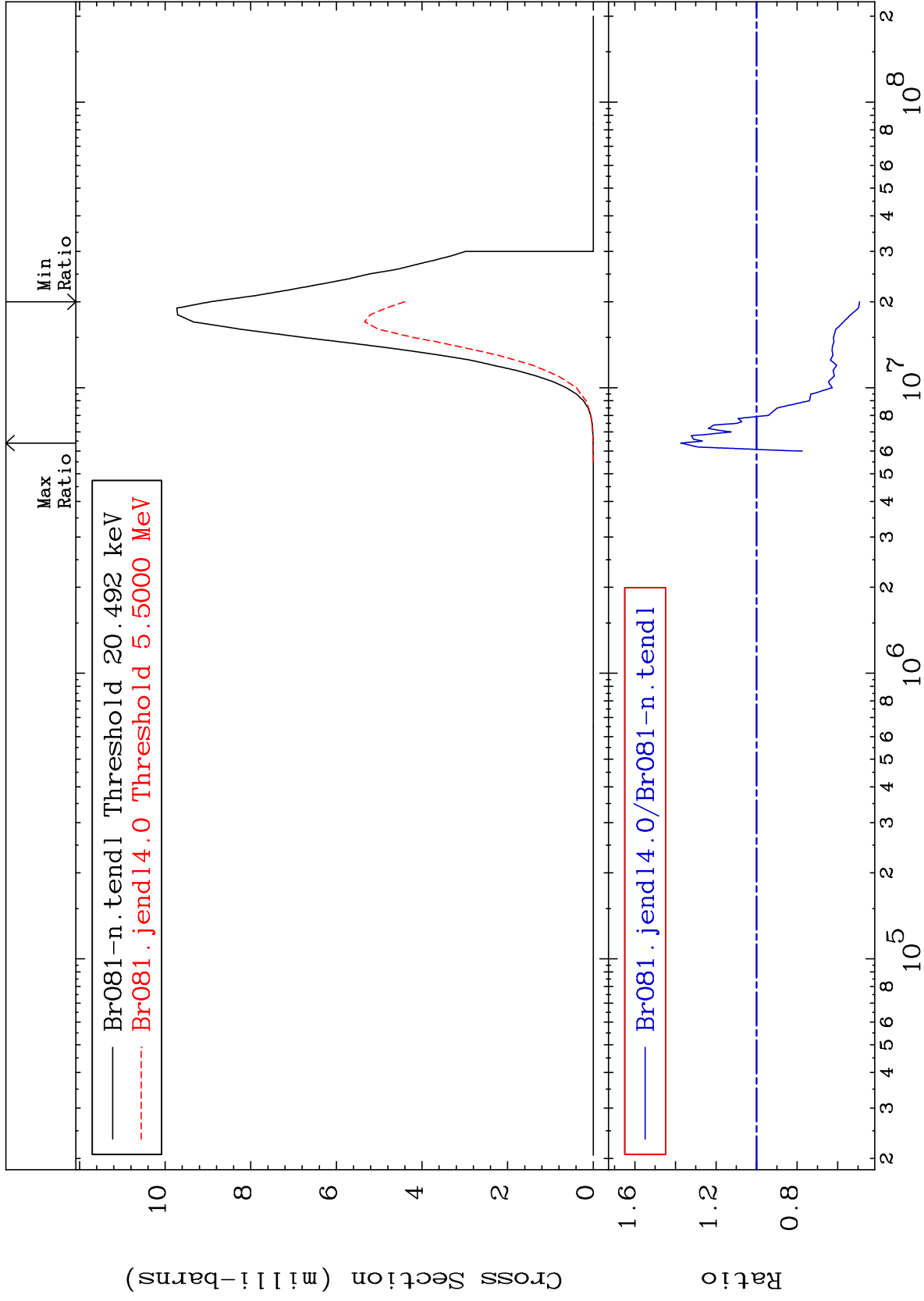
35-Br-81

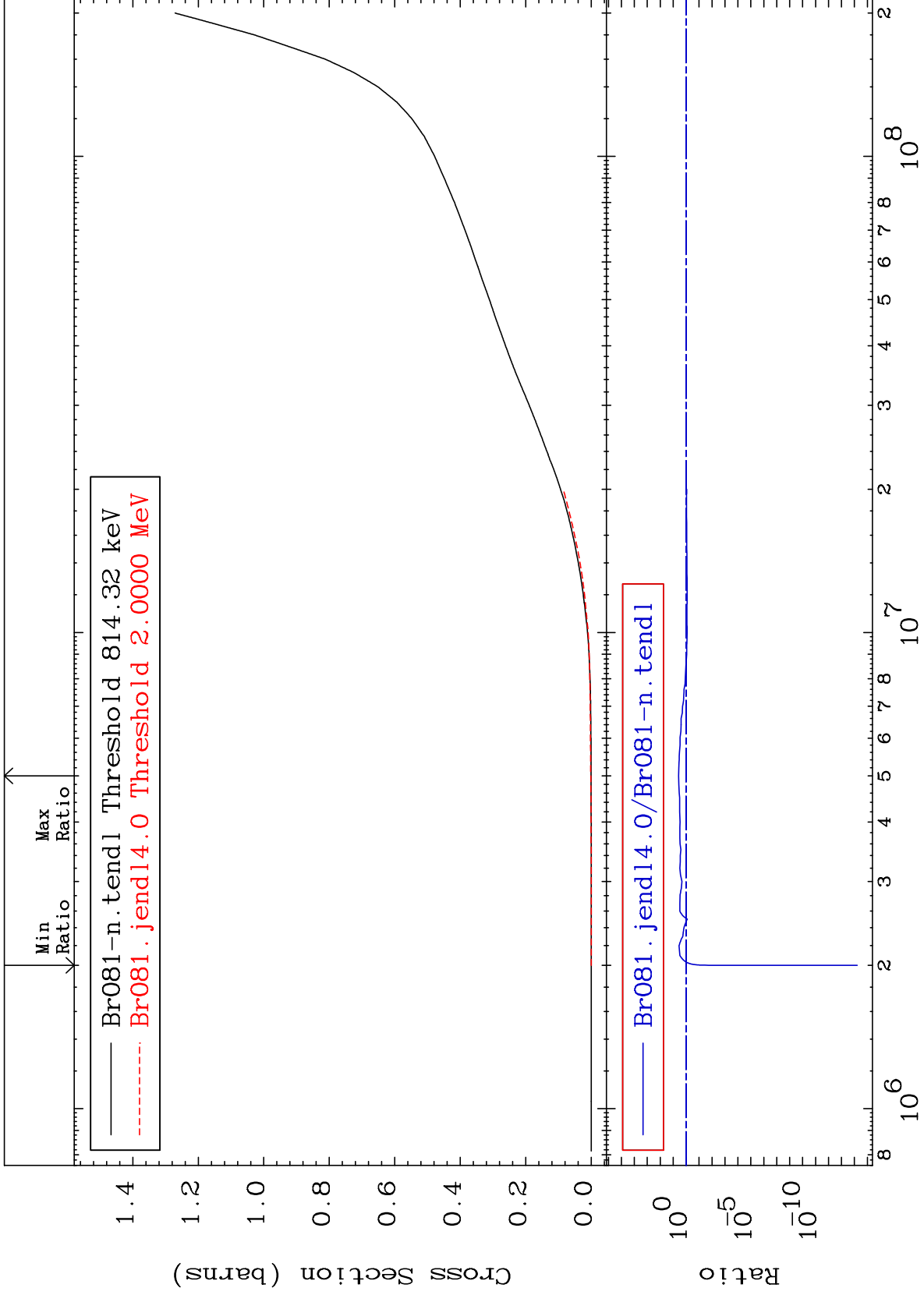


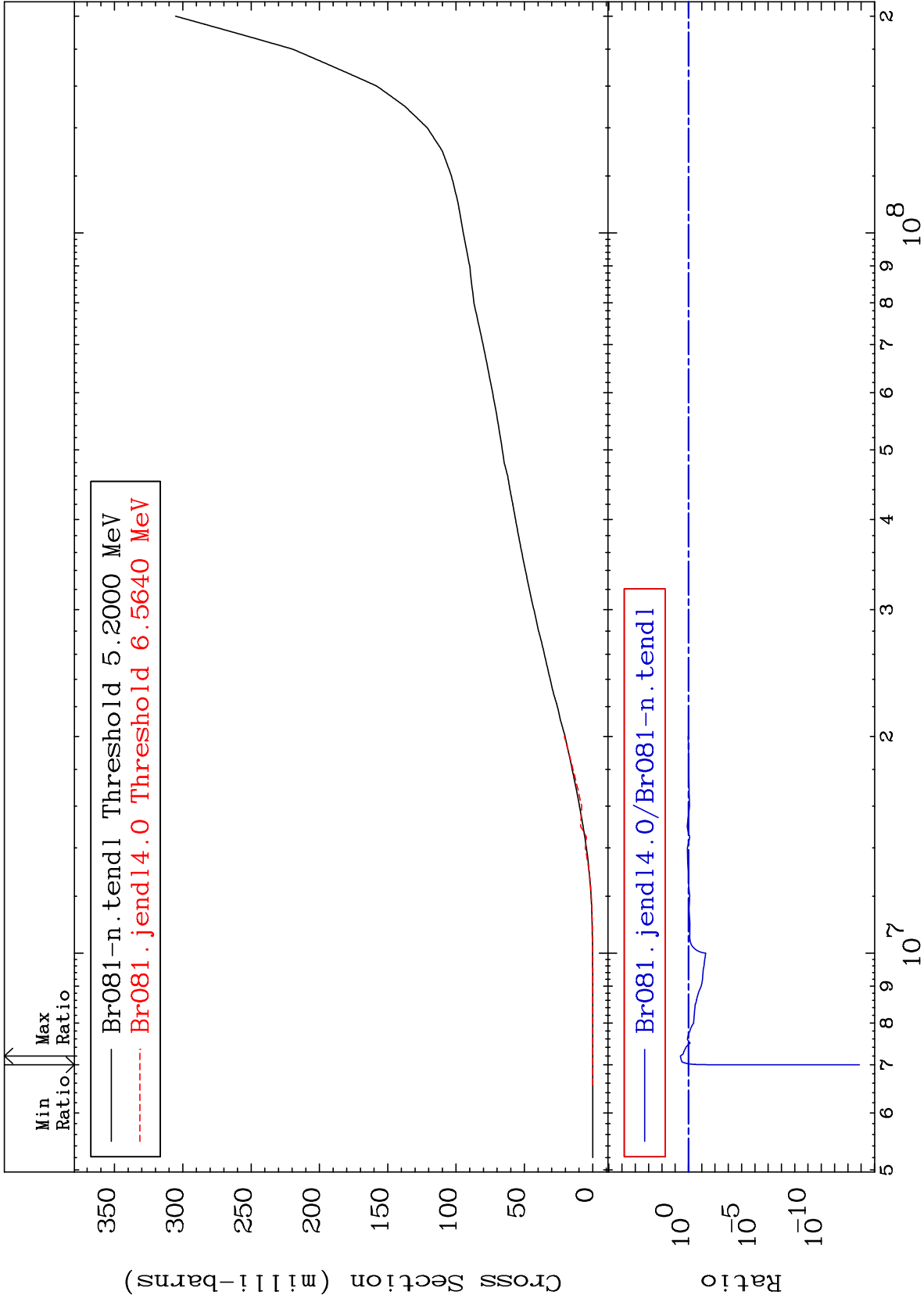


Cross Section

-50.76 To 37.39 %



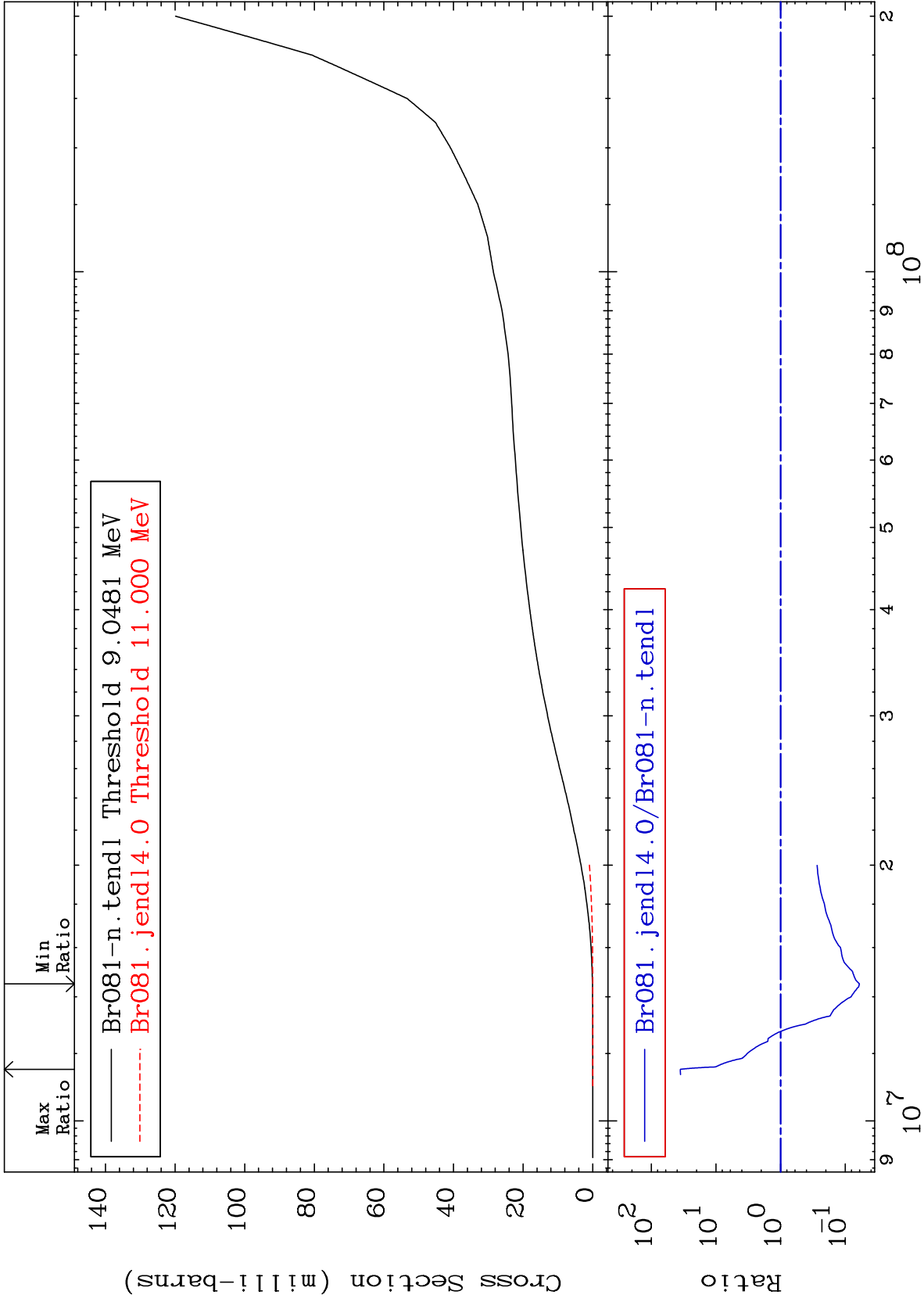




MAT 3531

Tritium Production  
Cross Section

<sup>35</sup>Br-81  
-93.96 To 3466. %

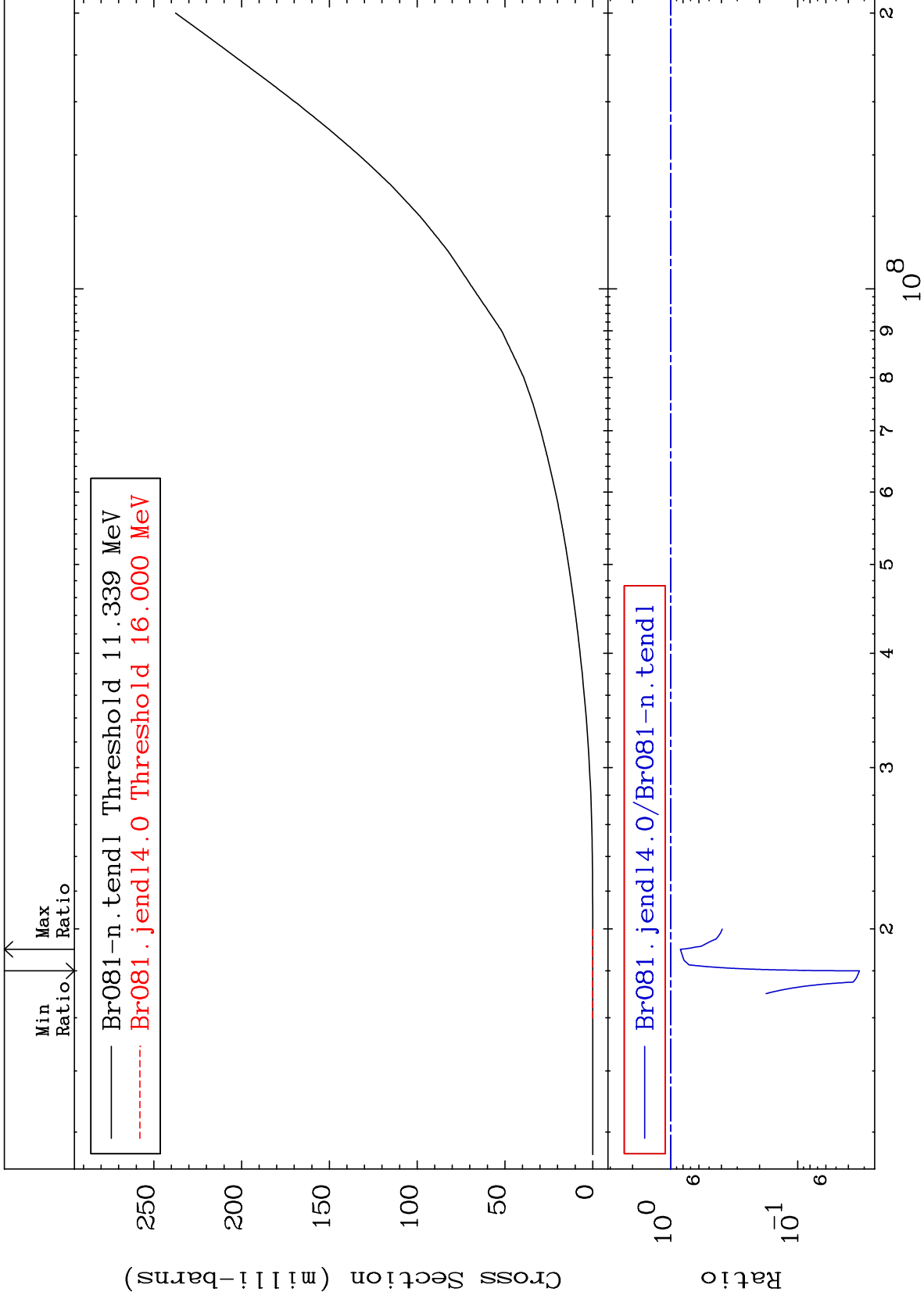


48

Incident Energy (eV)

<sup>35</sup>Br-81

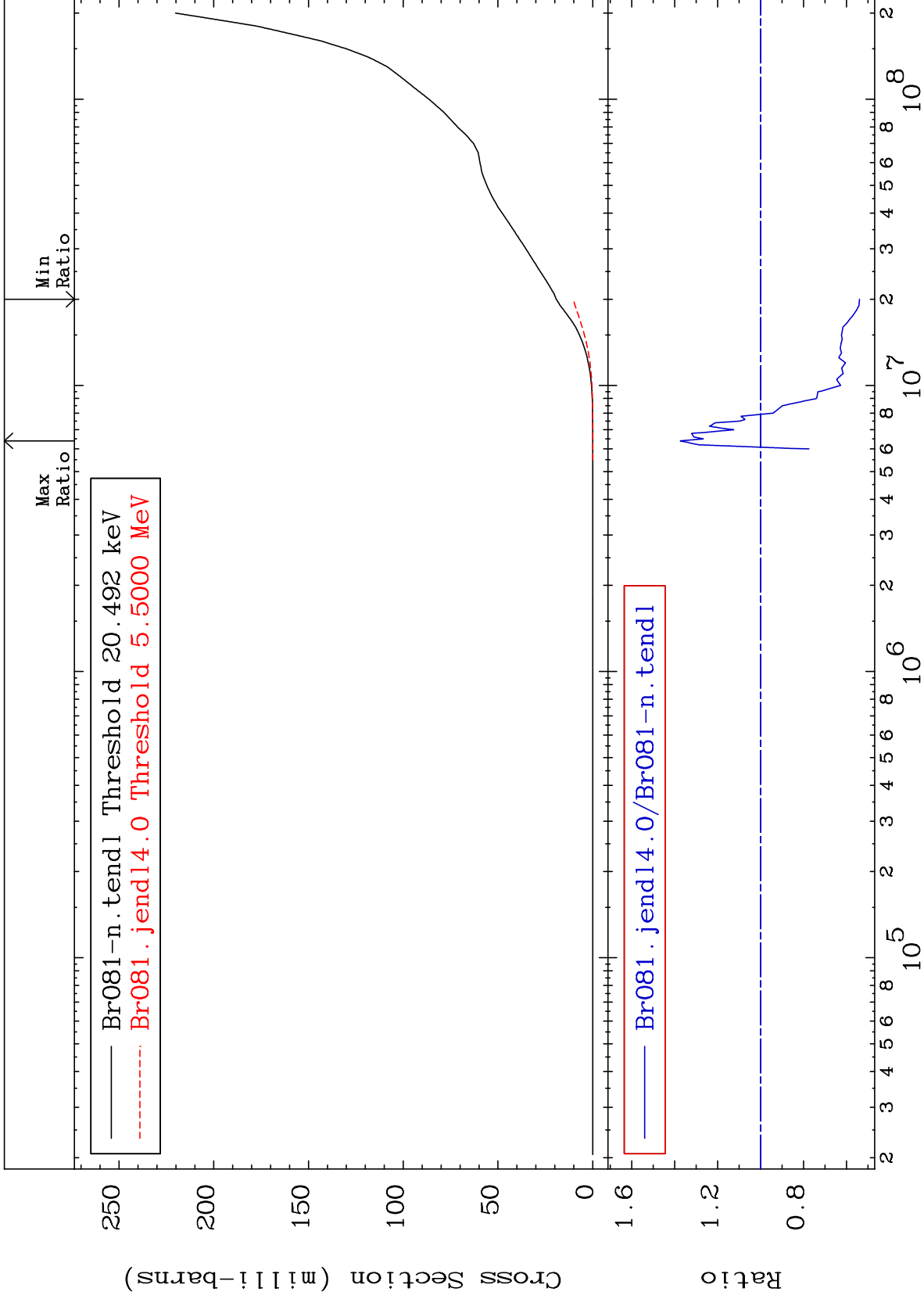




MAT 3531

He-4 Production  
Cross Section

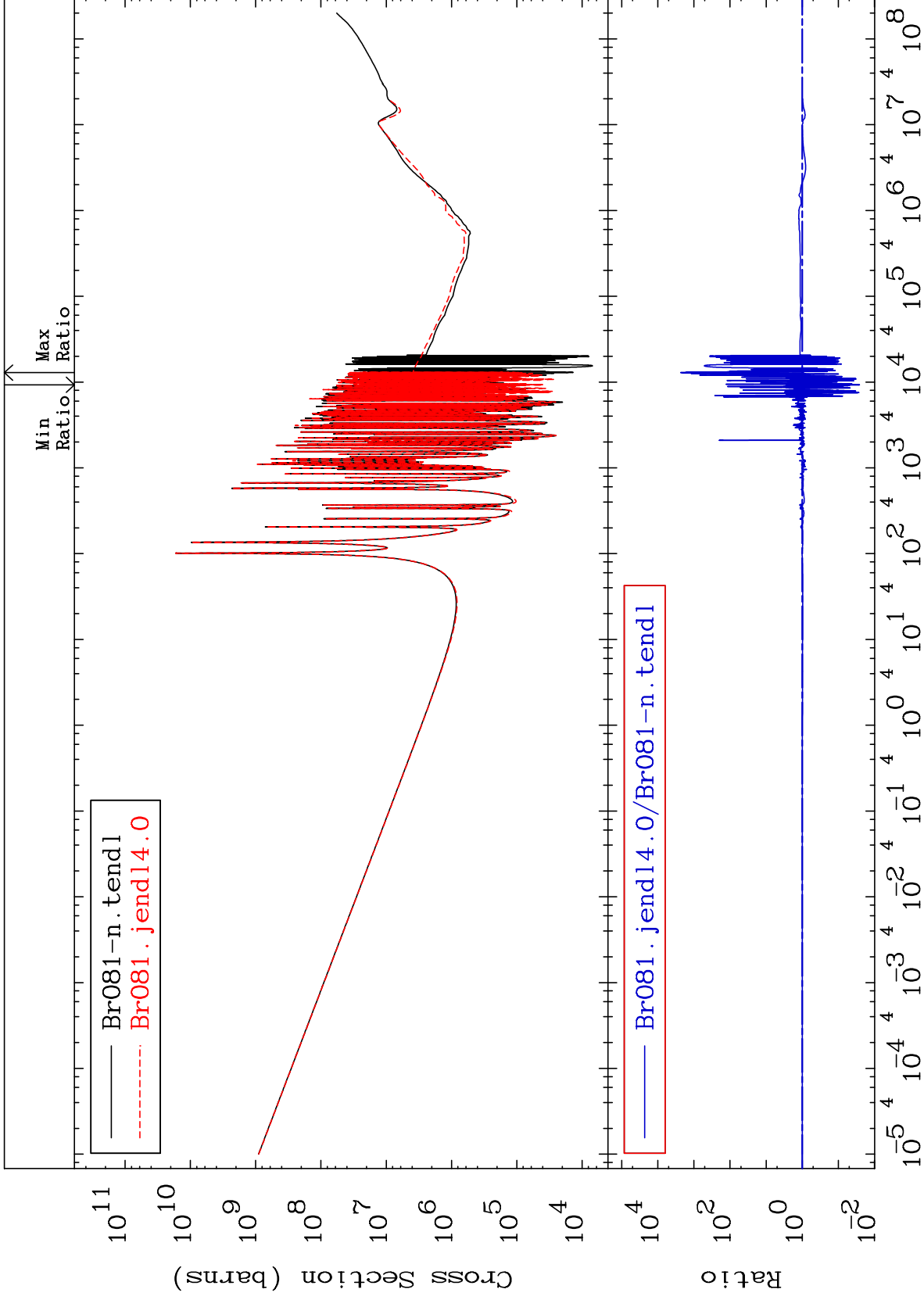
35-Br-81  
-46.00 To 37.39 %



50

Incident Energy (eV)

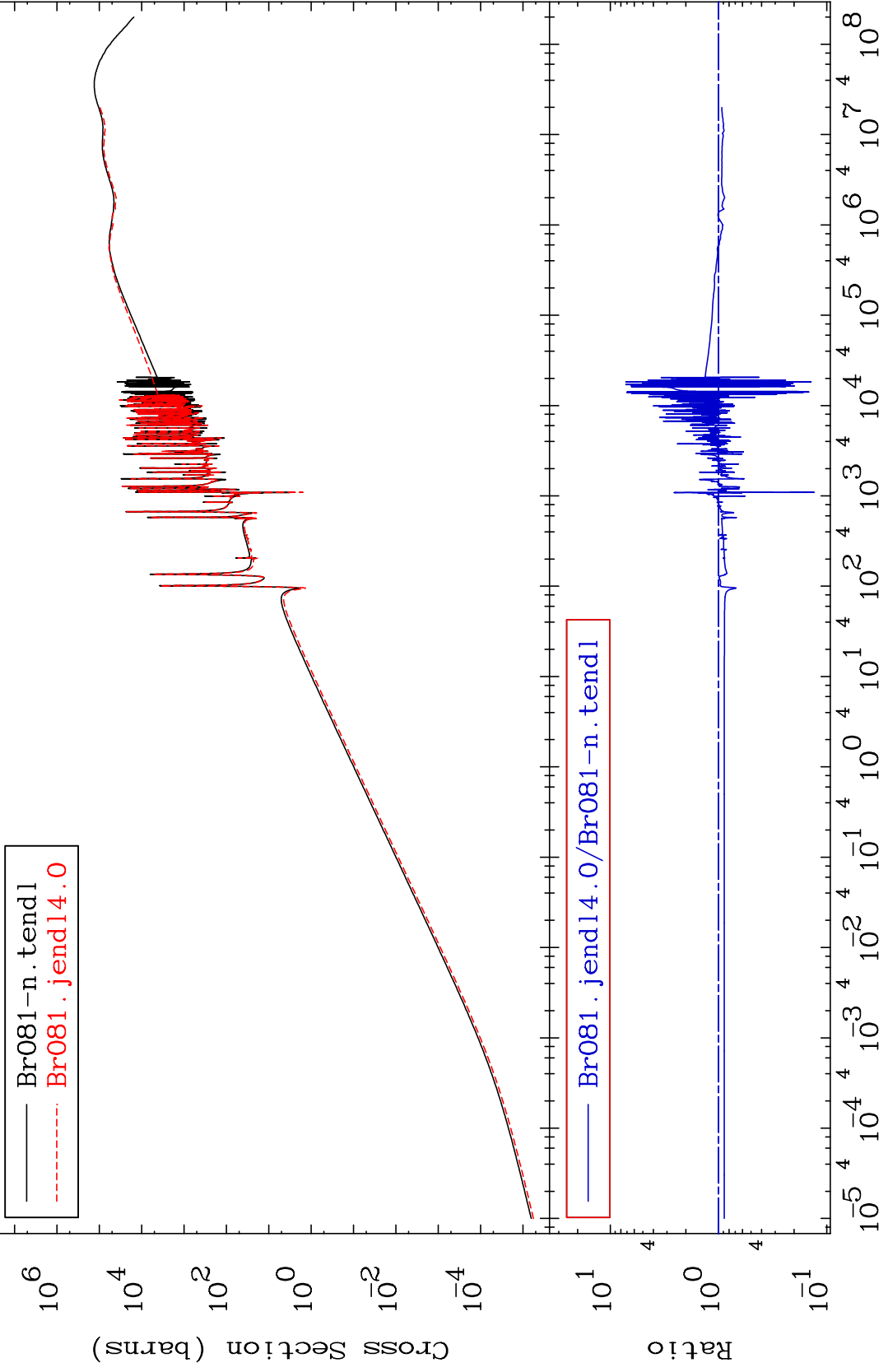
35-Br-81



MAT 3531

Kerma elastic  
Cross Section

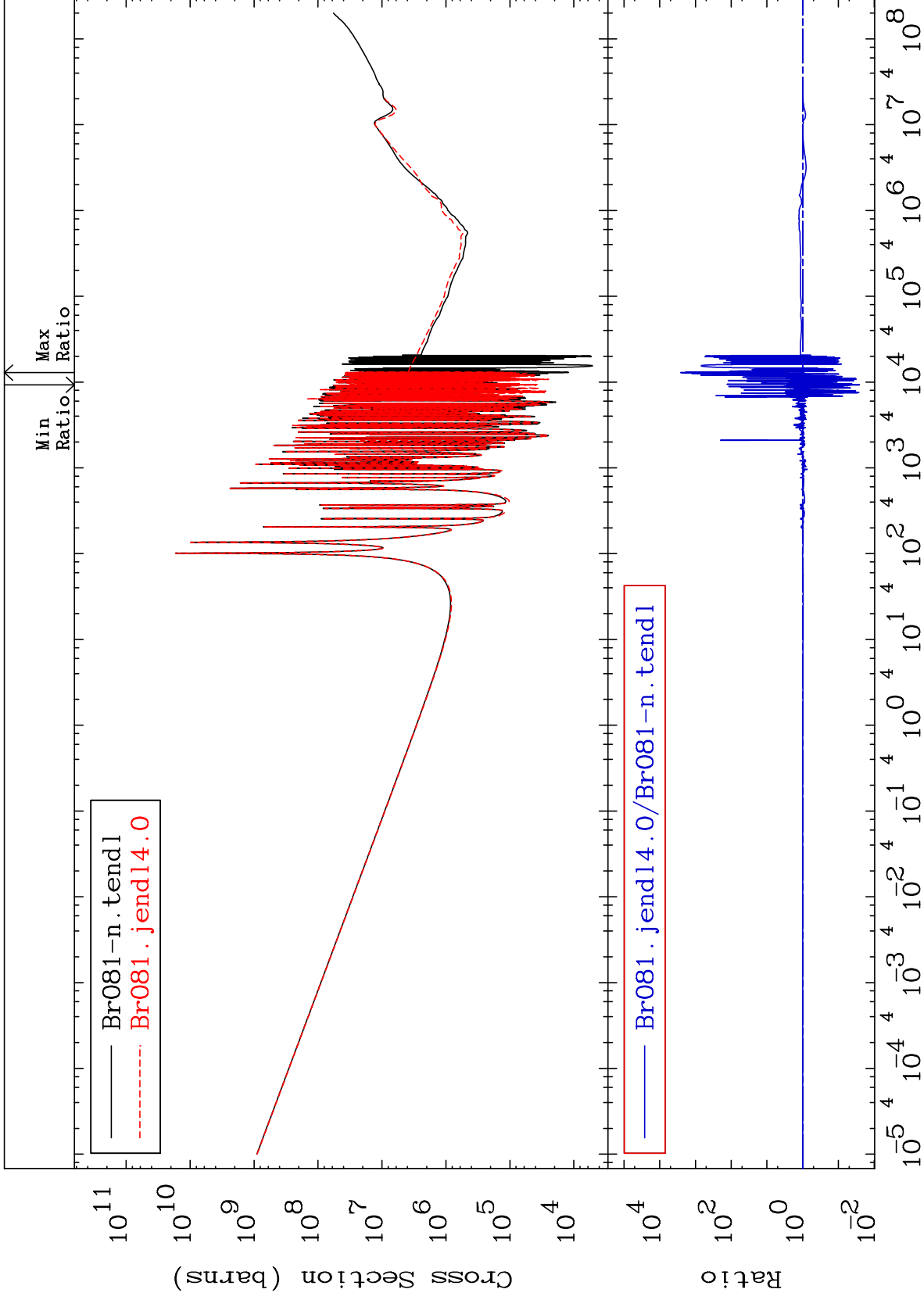
35-Br-81  
-86.96 To 619.8 %

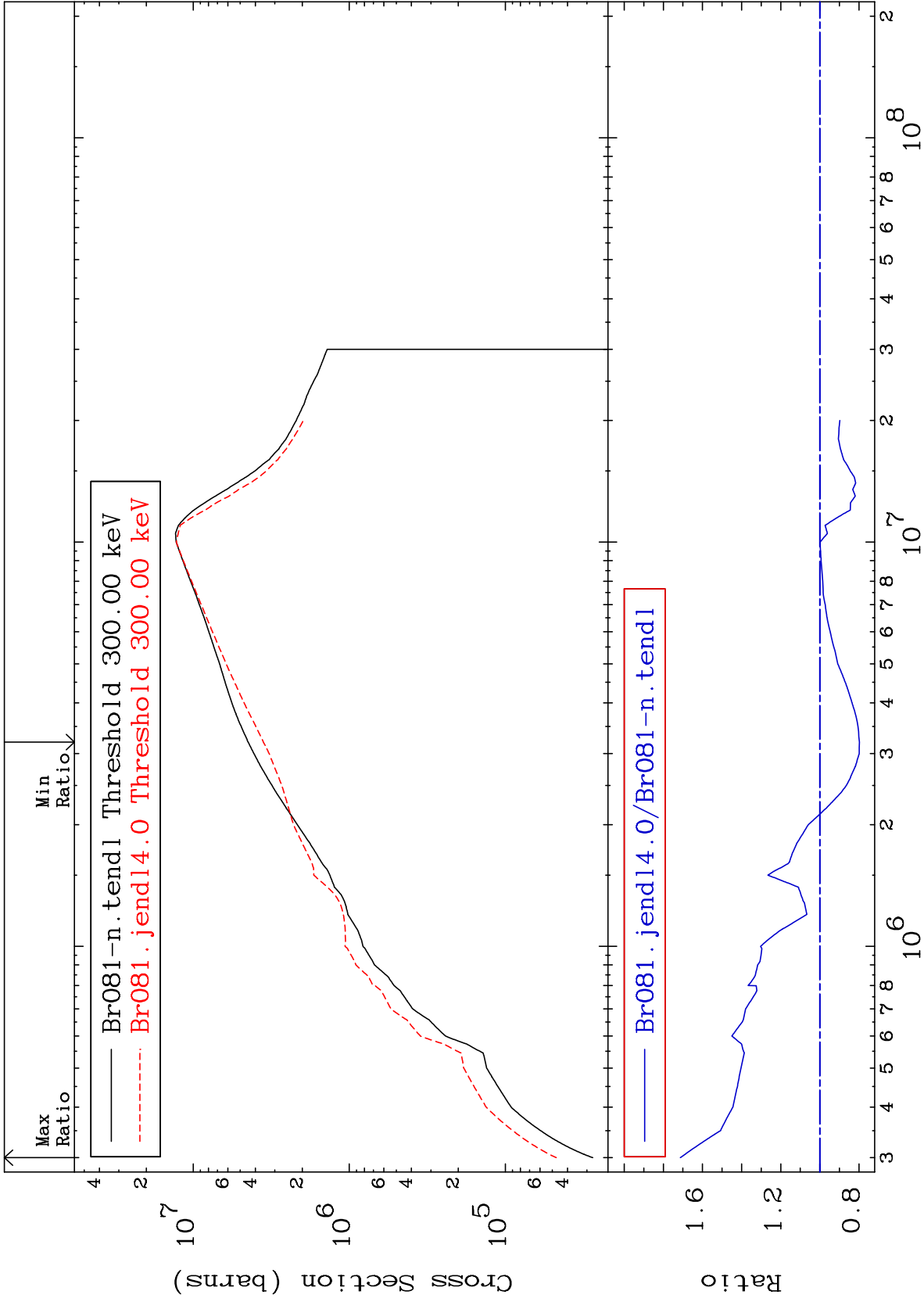


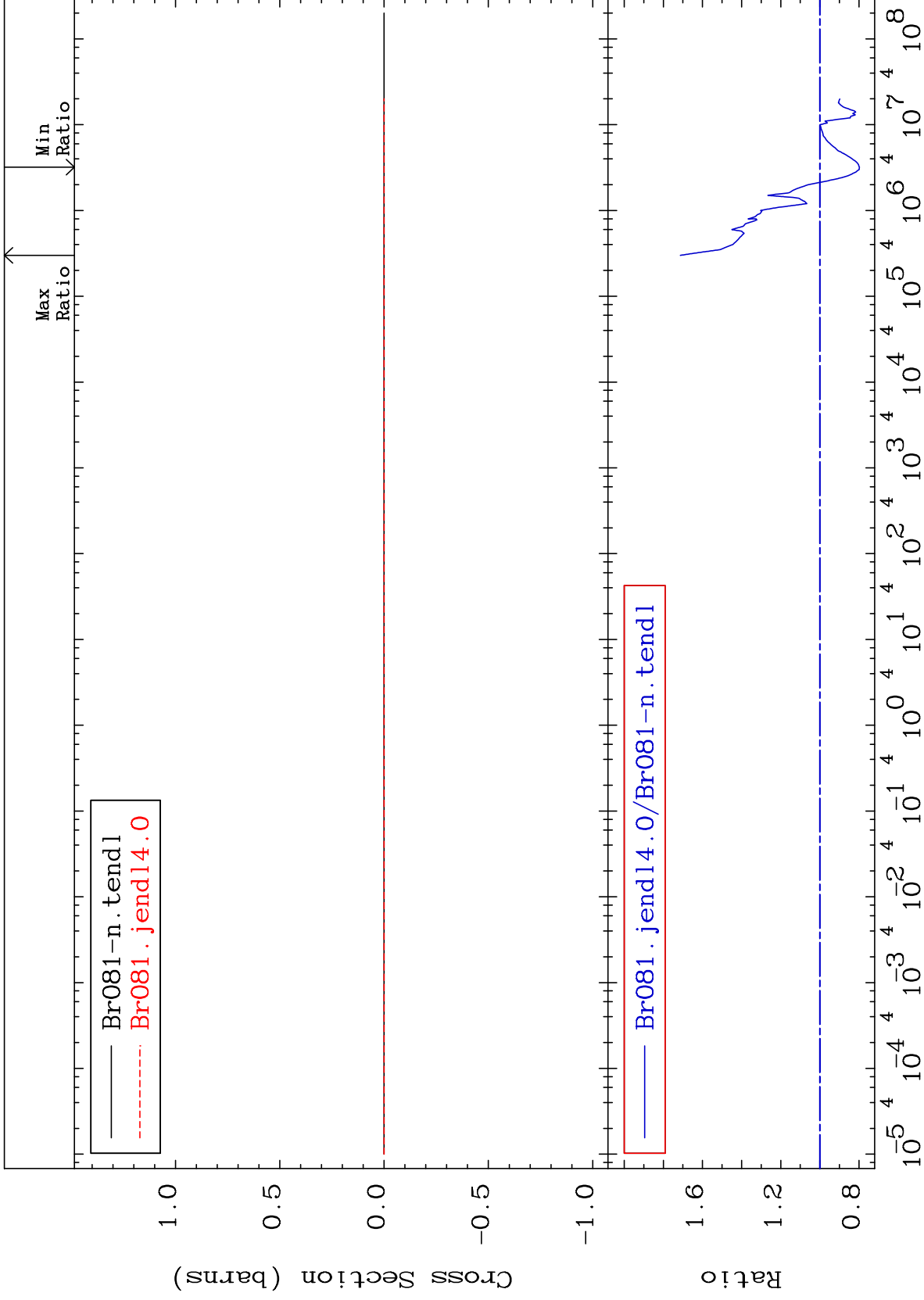
52

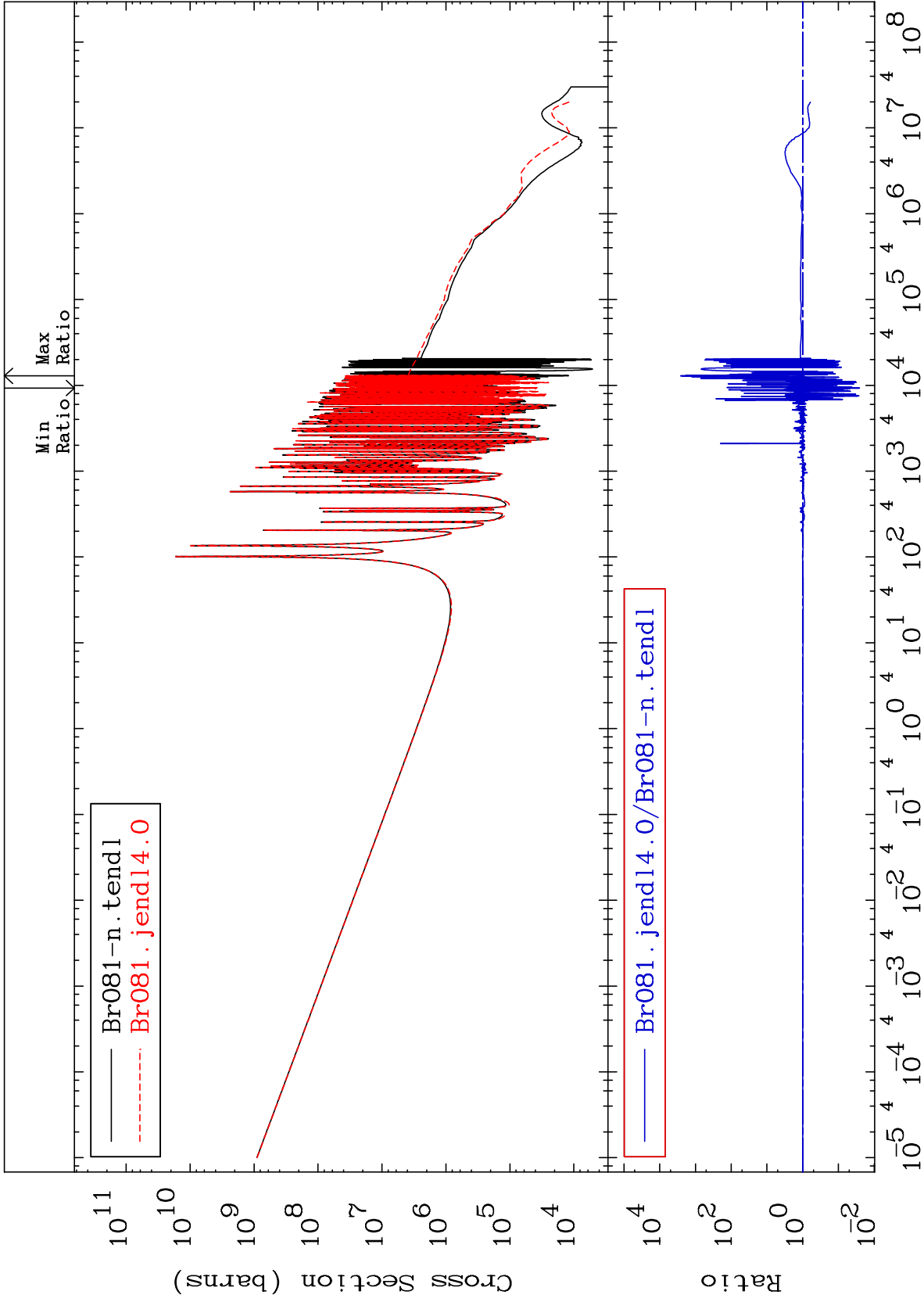
Incident Energy (eV)

35-Br-81

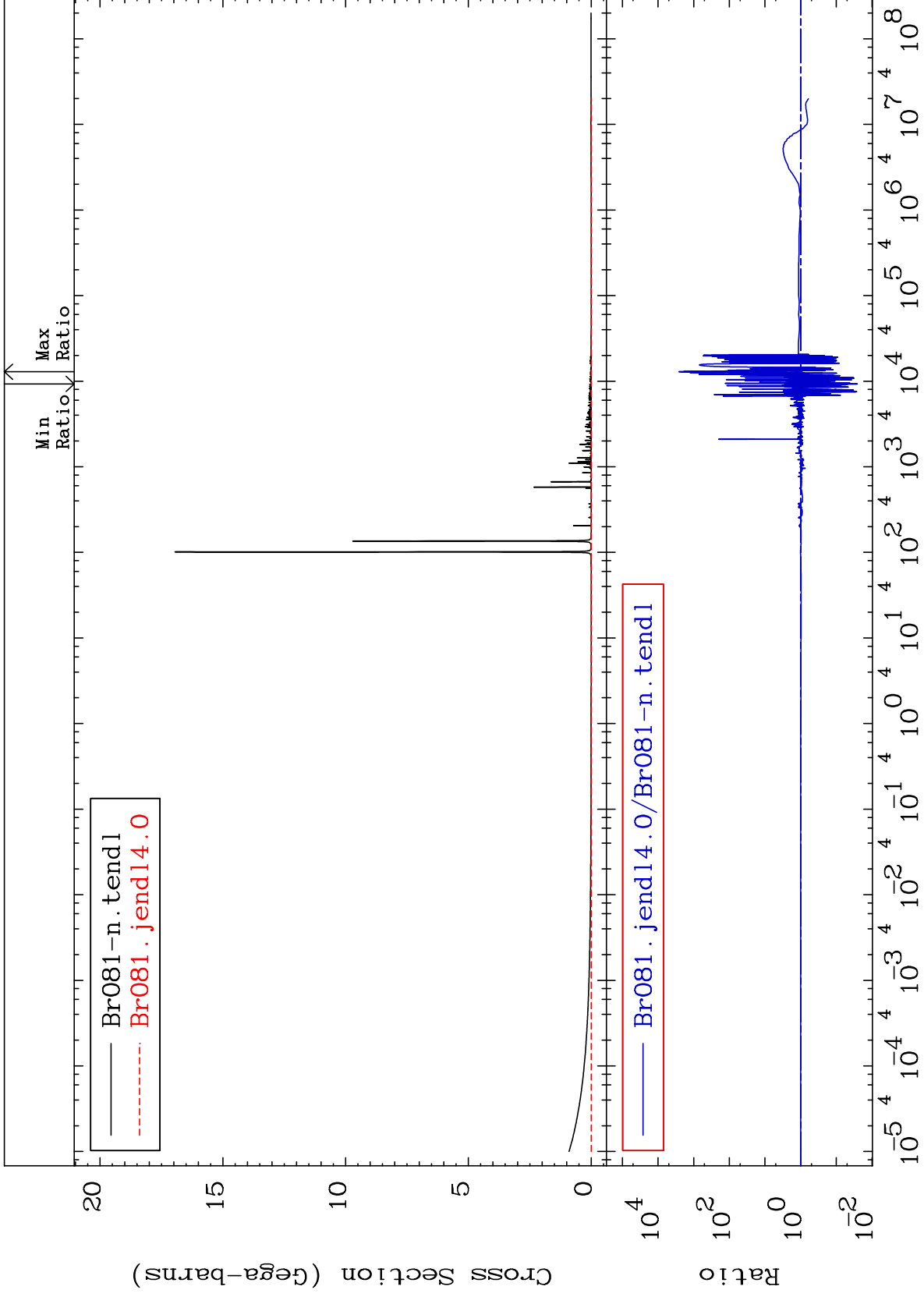


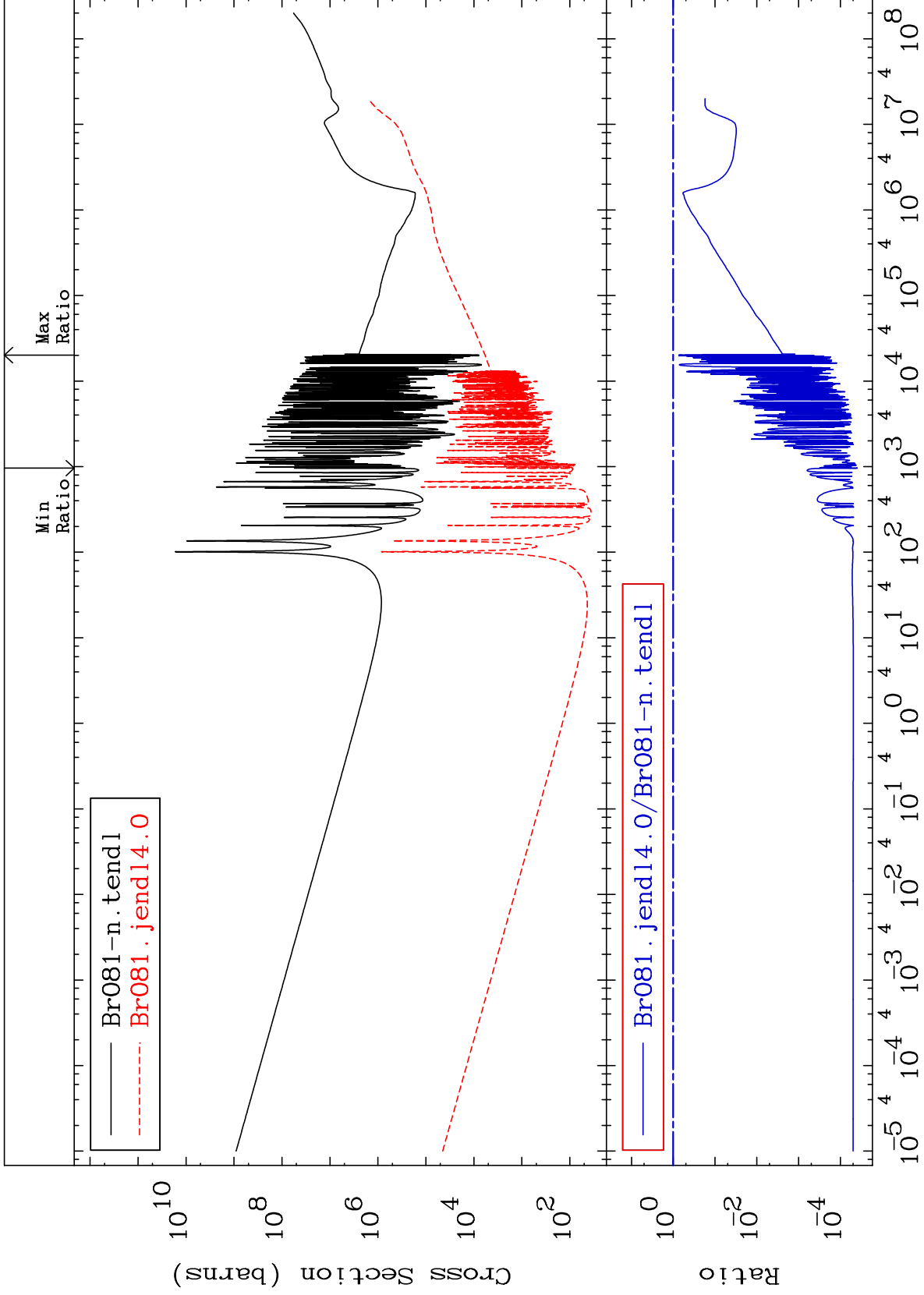


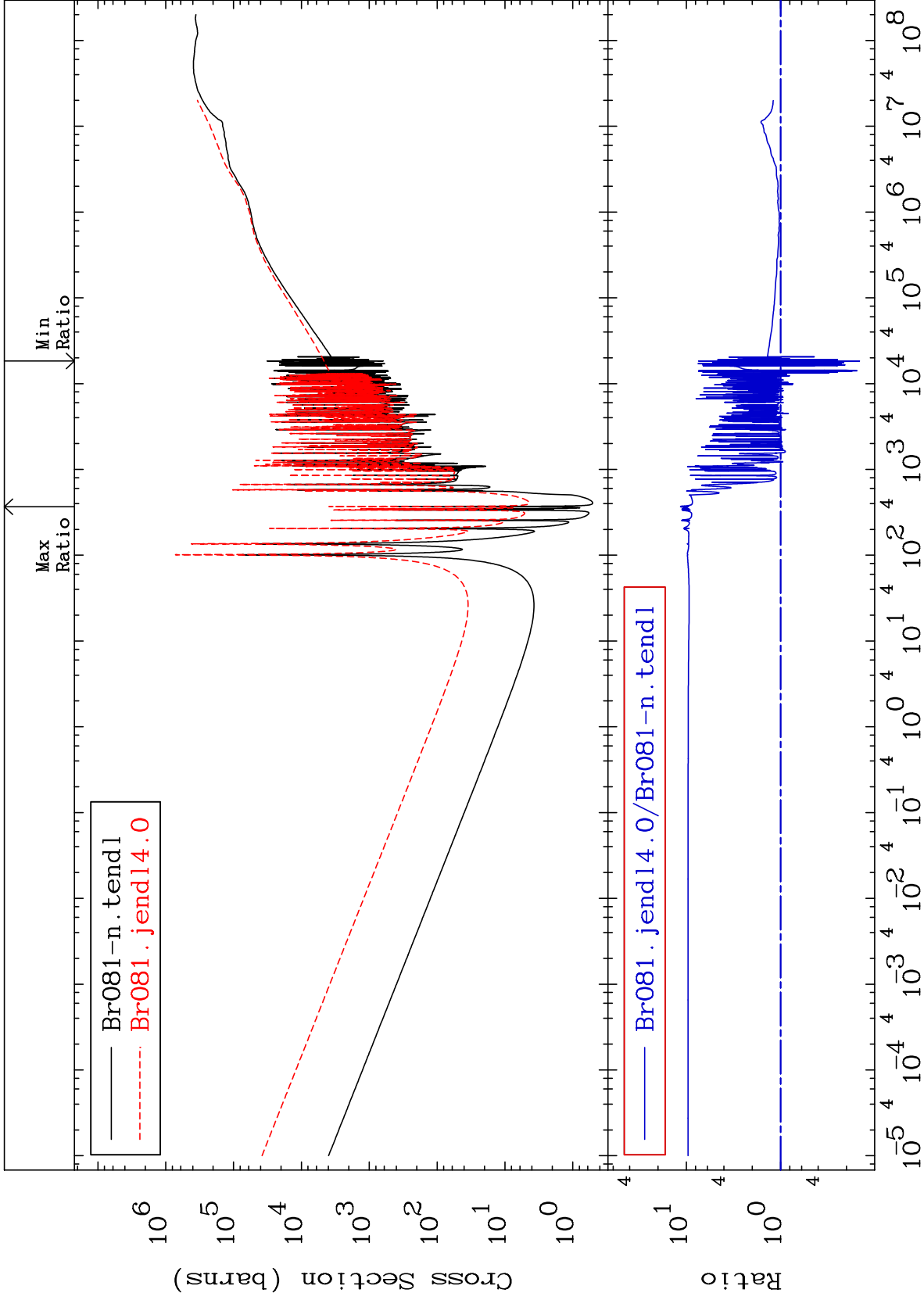


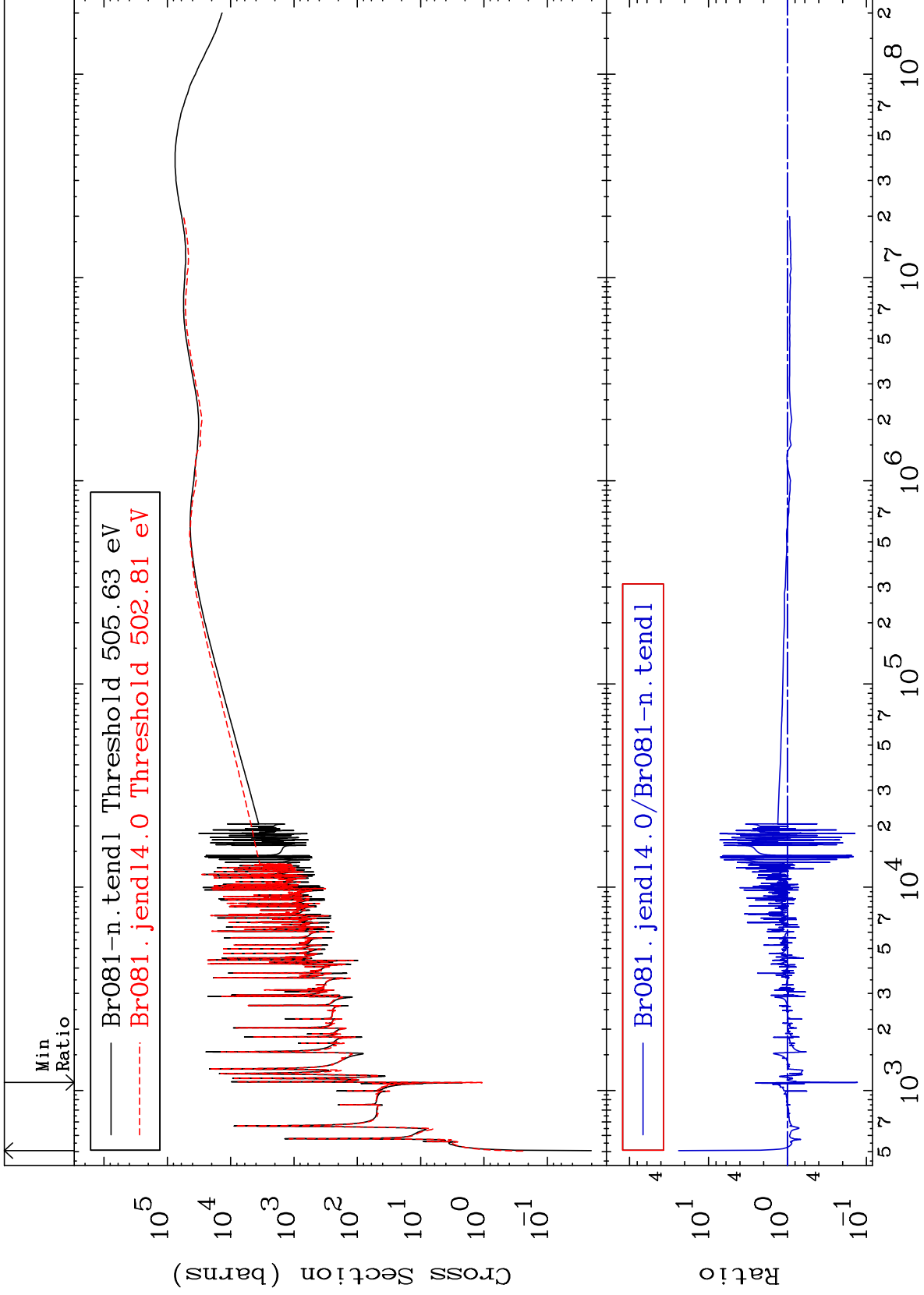








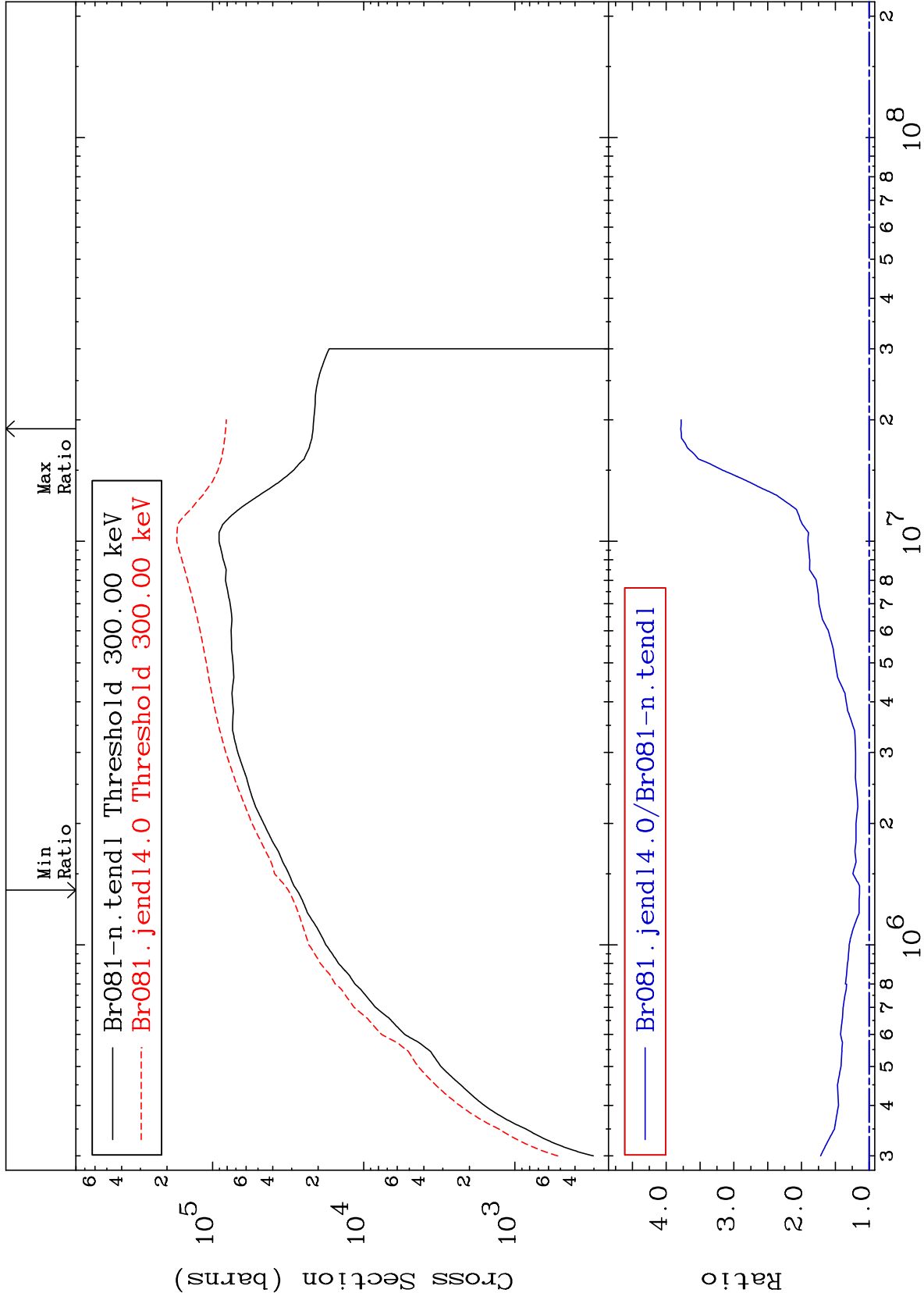




MAT 3531

Dpa inelastic (mt51-91)  
Cross Section

35-Br-81  
14.21 To 278.5 %



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Incident Energy (eV)

35-Br-81

