

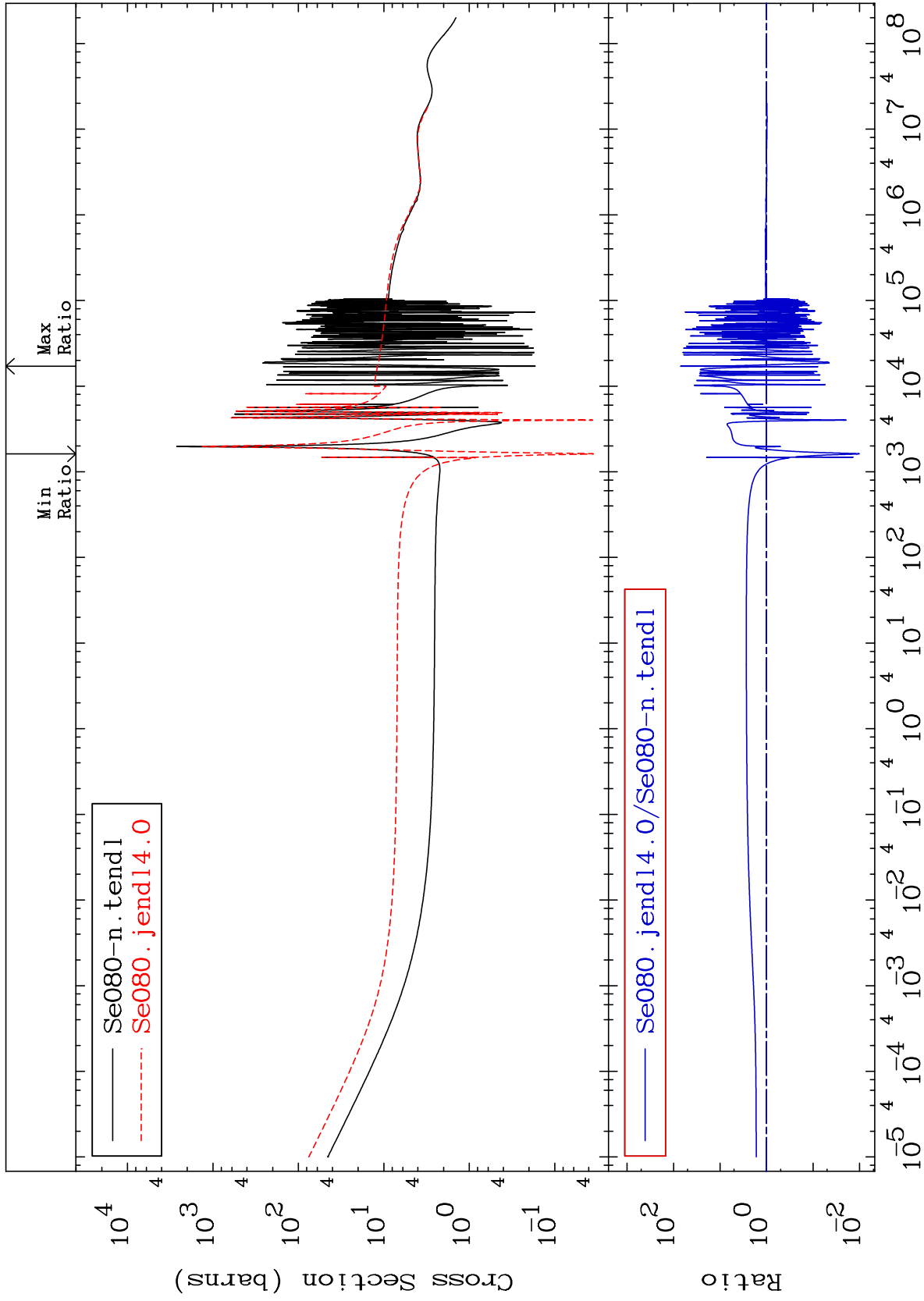
MAT 3443

Total

<sup>34</sup>Se-80

Cross Section

-99.00 To 6908. %



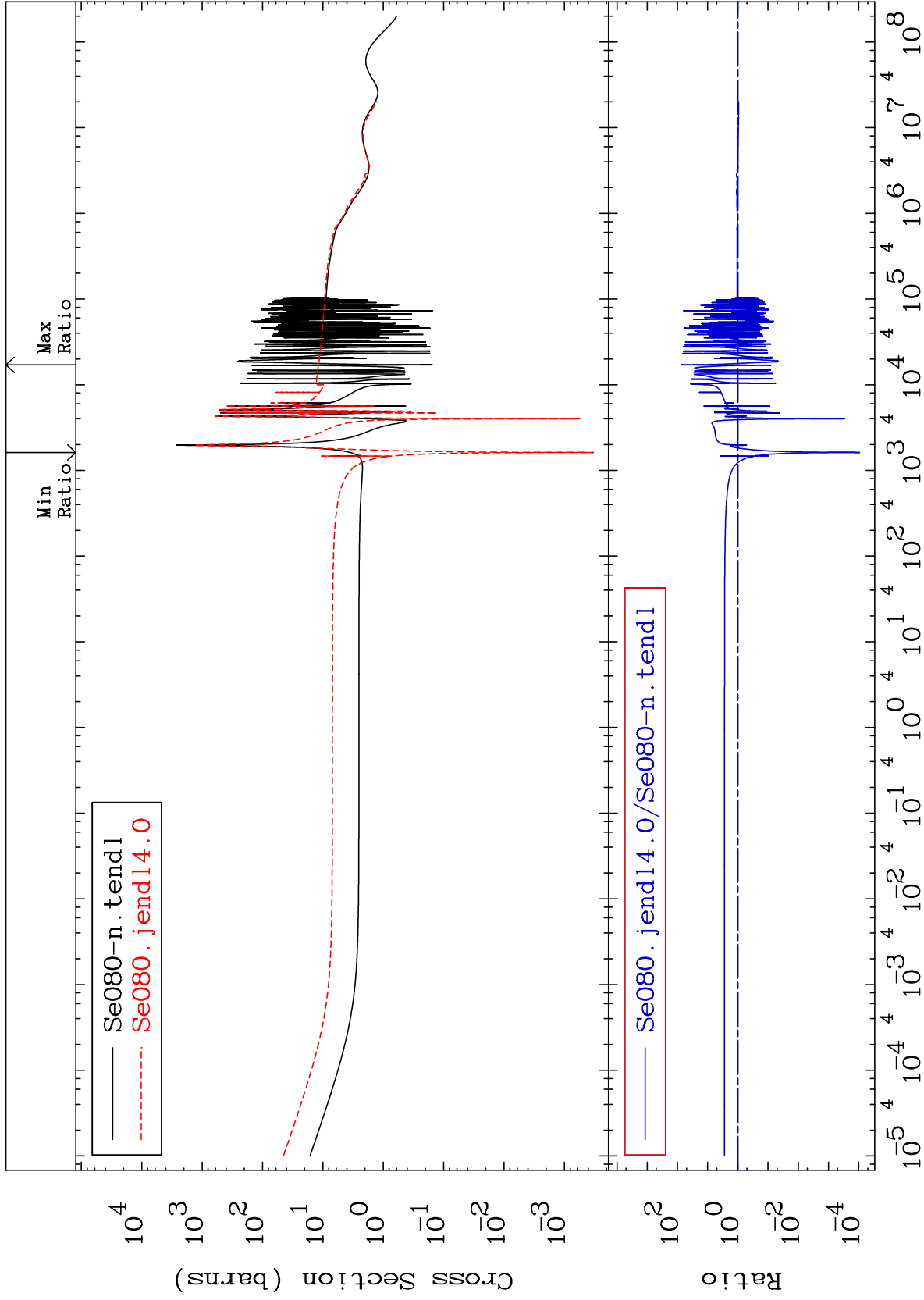
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

Elastic  
Cross Section

<sup>34</sup>Se-80  
-99.99 To 7622. %



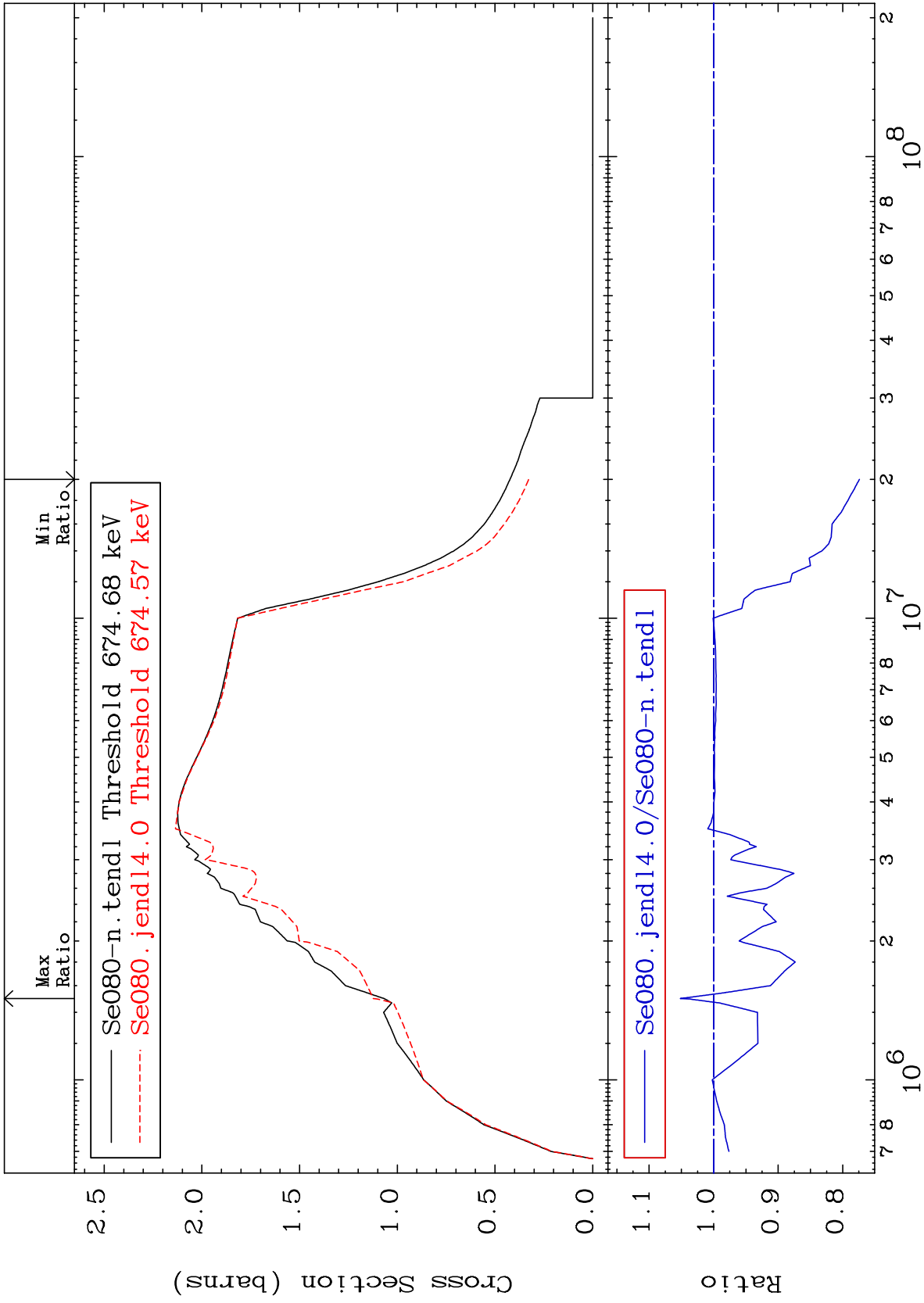
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

Inelastic  
Cross Section

<sup>34</sup>Se-80  
-22.59 To 5.161 %



3

Incident Energy (eV)

<sup>34</sup>Se-80

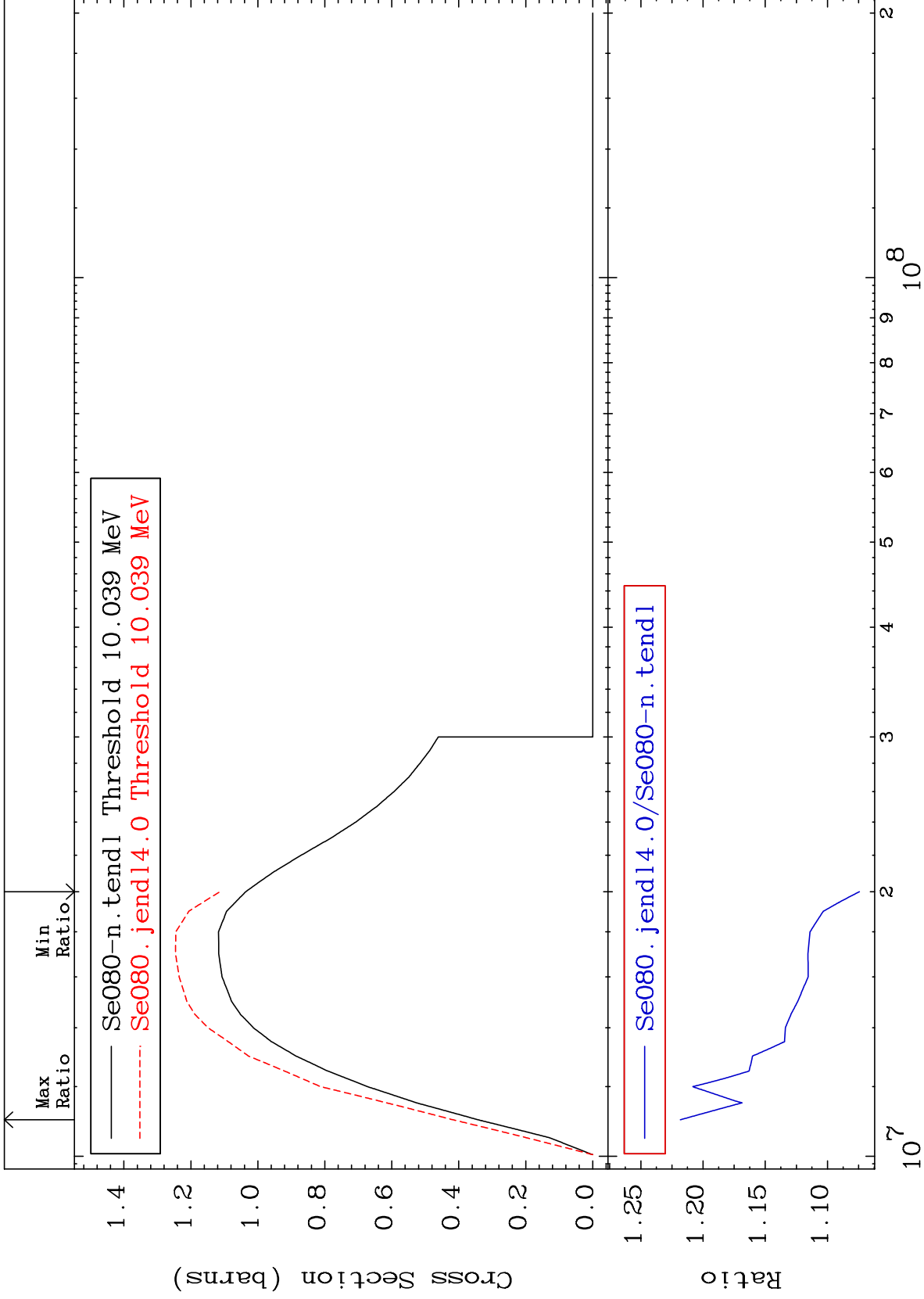
MAT 3443

(n,2n)

<sup>34</sup>Se-80

Cross Section

7.435 To 21.82 %



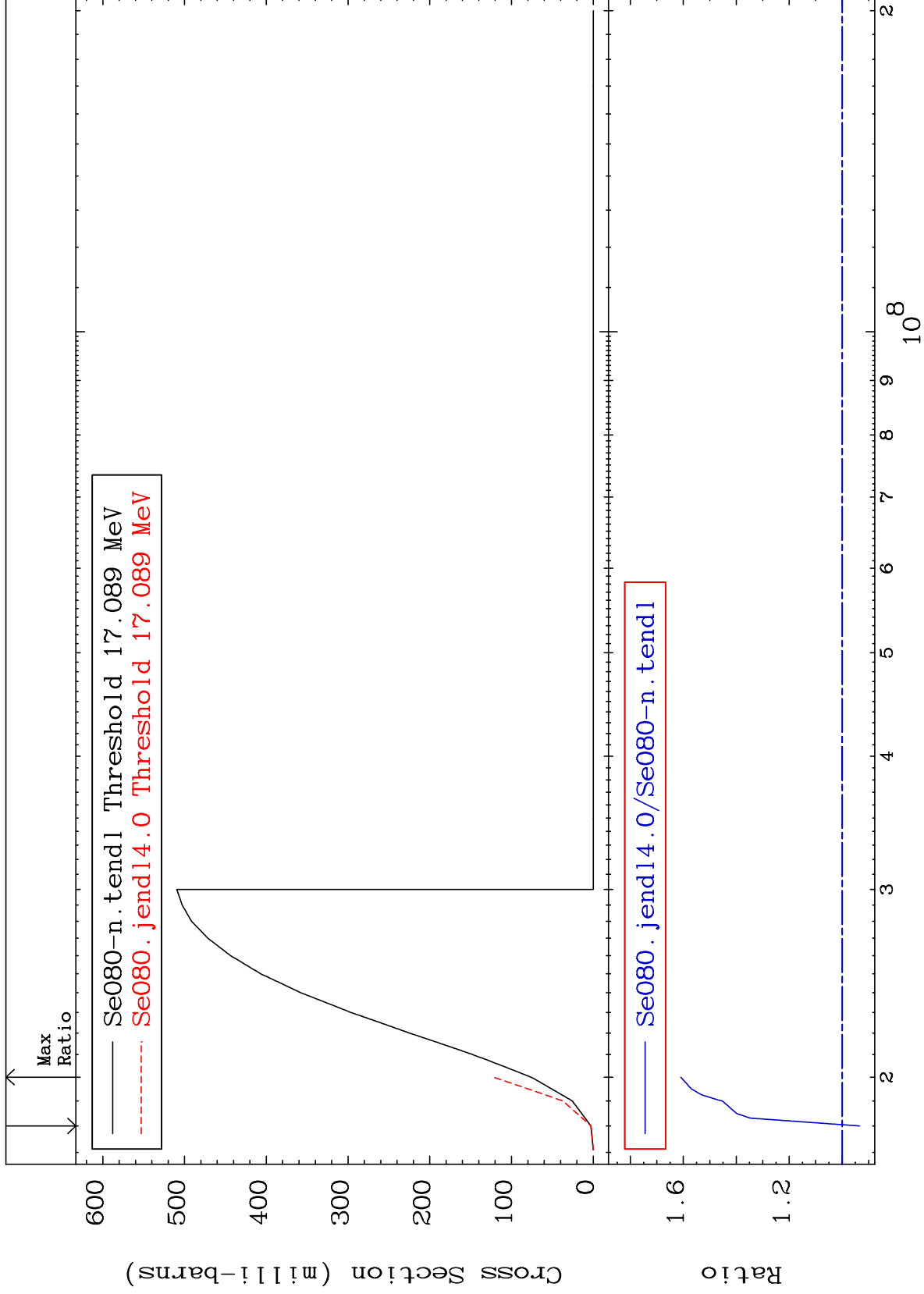
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

(n,3n)  
Cross Section

<sup>34</sup>Se-80  
-6.553 To 60.96 %



5

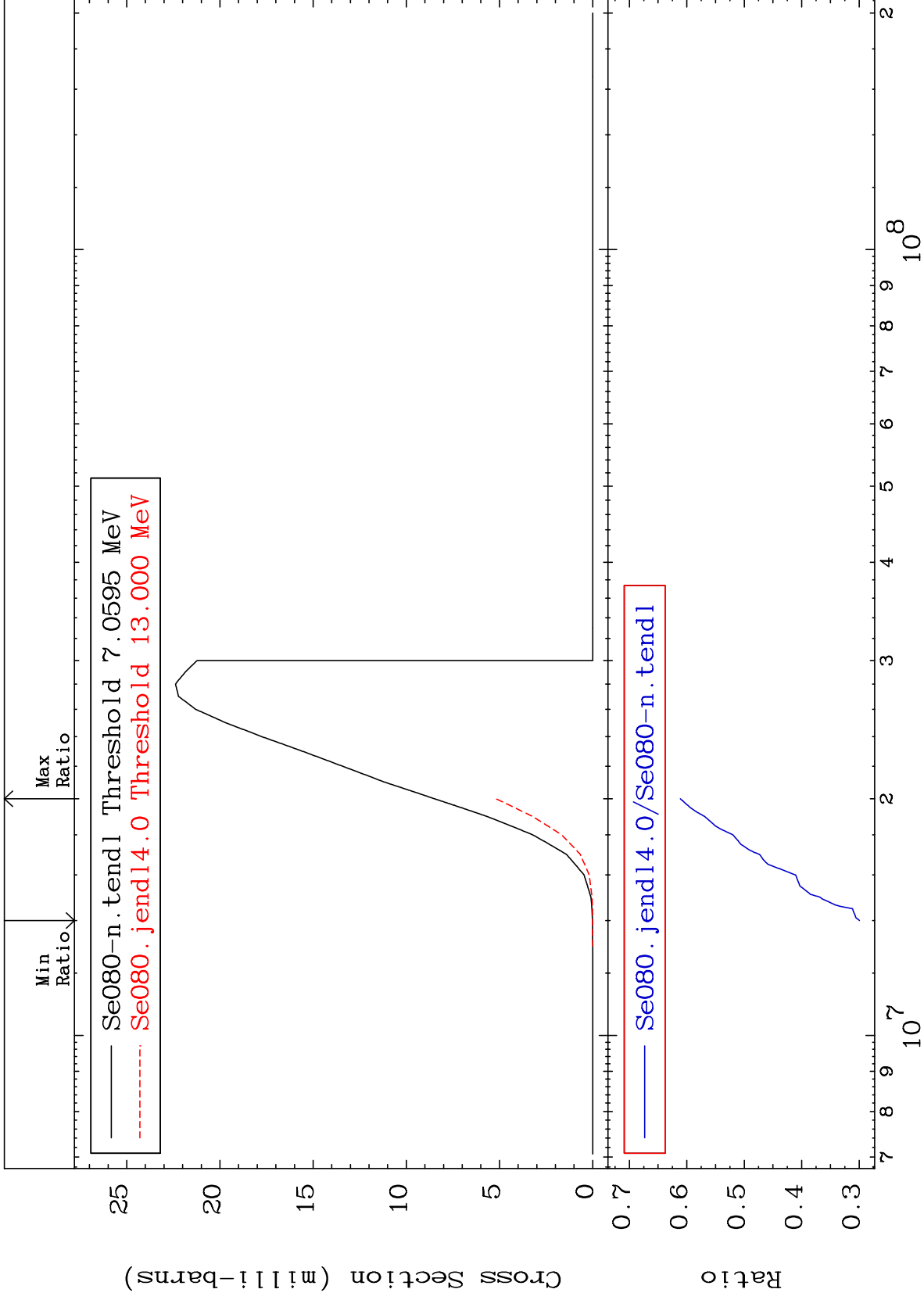
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

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

<sup>34</sup>Se-80  
-70.05 To -38.88%



6

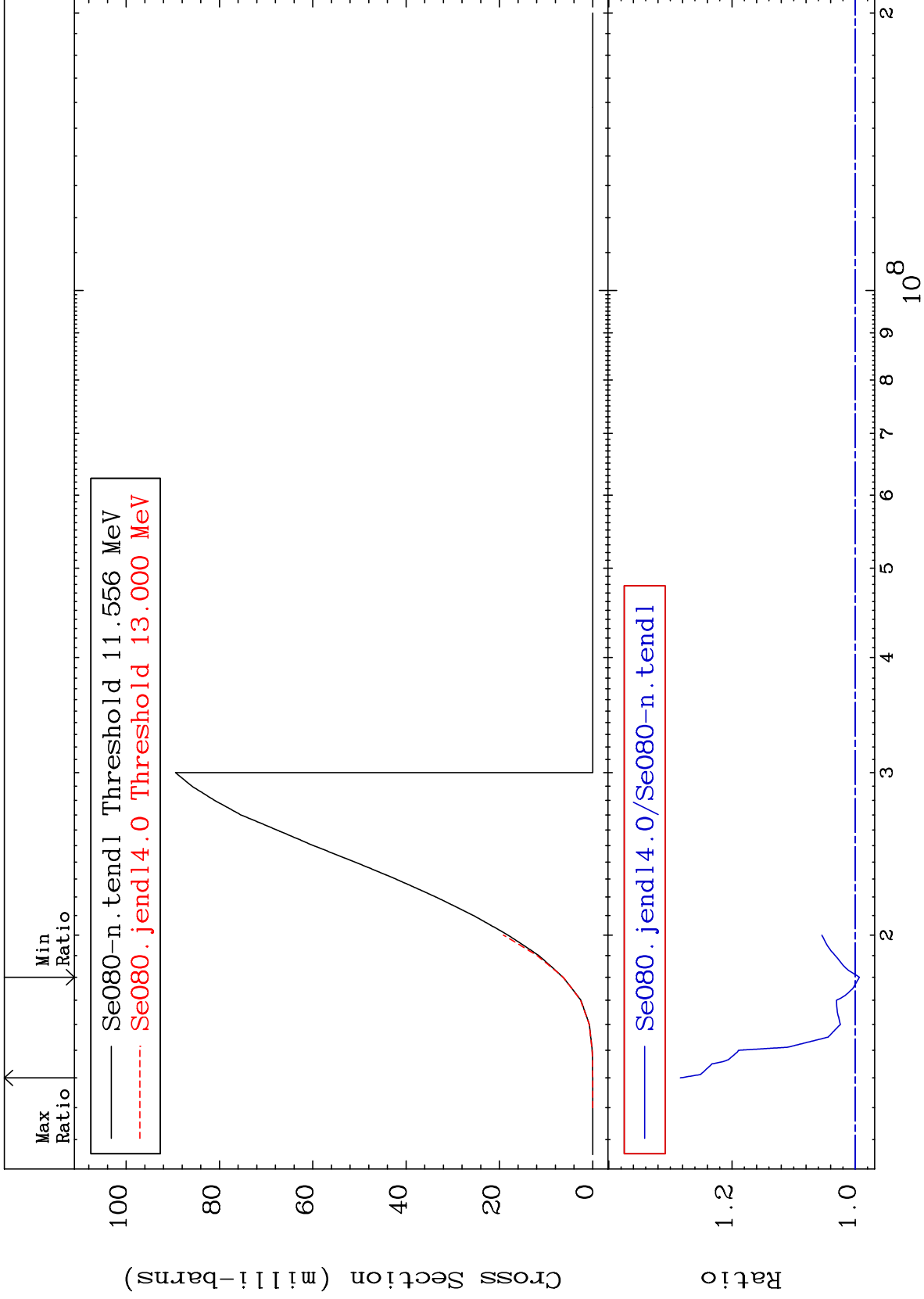
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

(n,n') p  
Cross Section

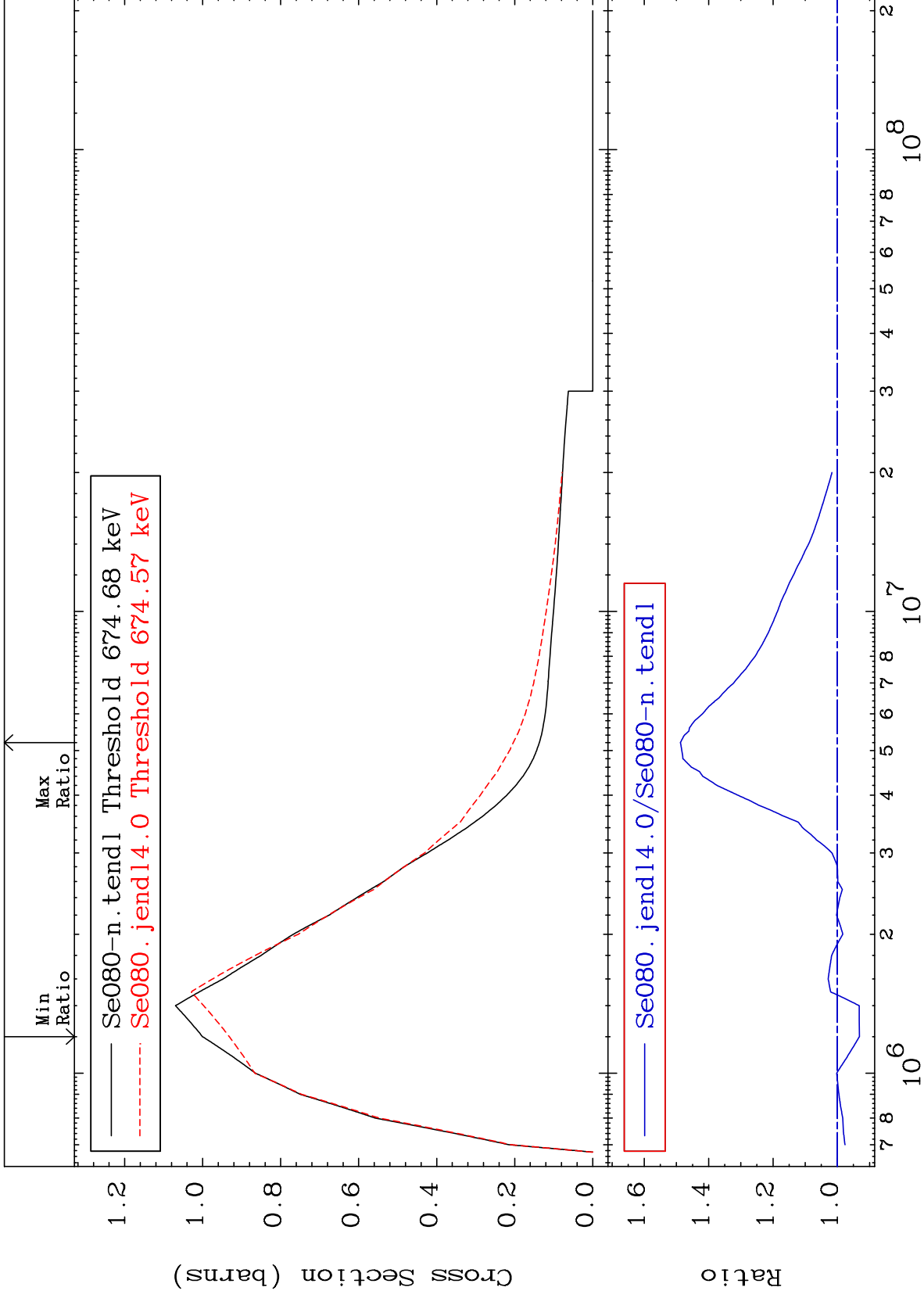
<sup>34</sup>Se-80  
-0.671 To 28.38 %



MAT 3443

666.3 keV (n,n') Level  
Cross Section

34-Se-80  
-6.848 To 48.78 %





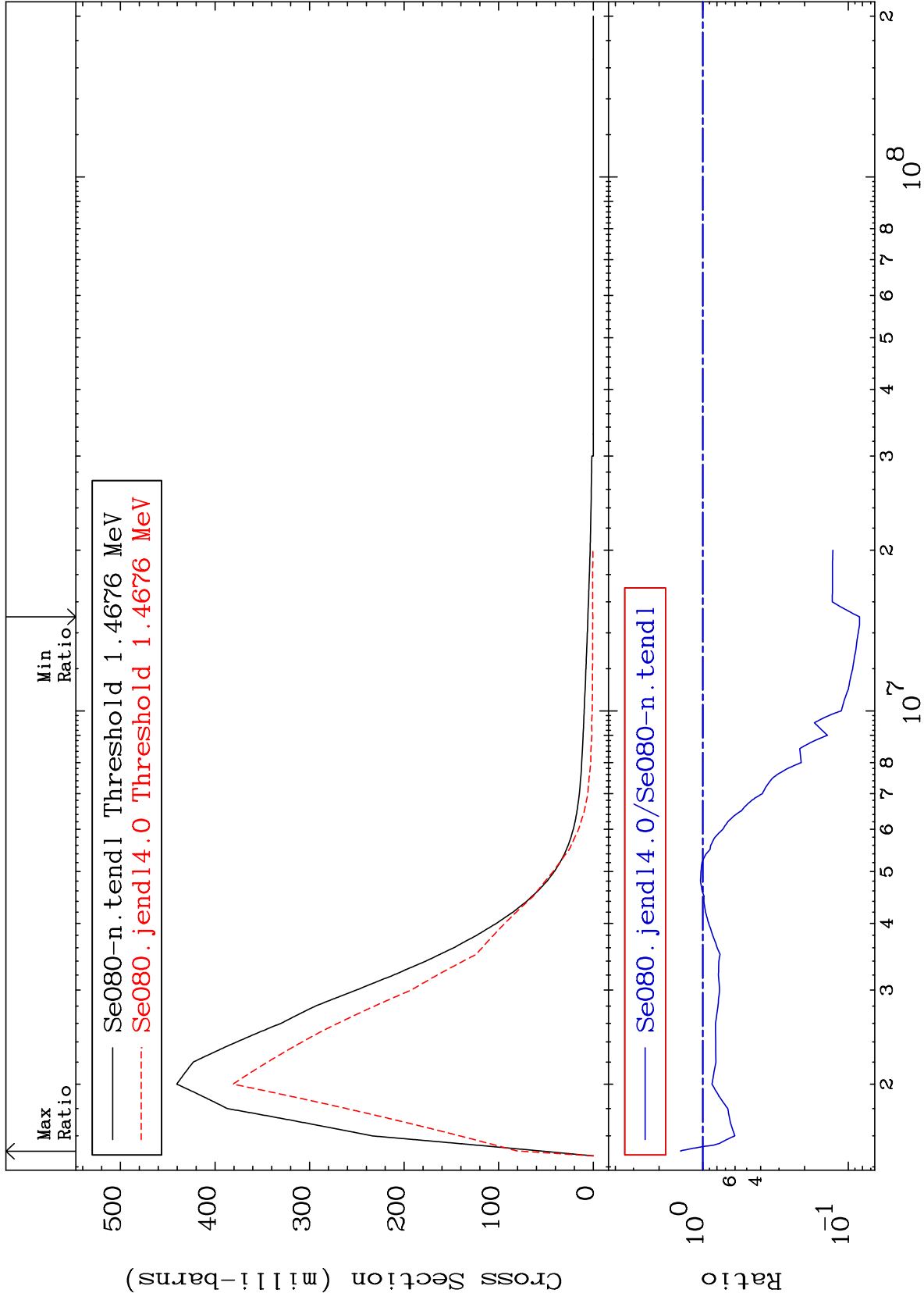
MAT 3443

1.449 MeV (n,n') Level

<sup>34</sup>Se-80

-91.63 To 41.92 %

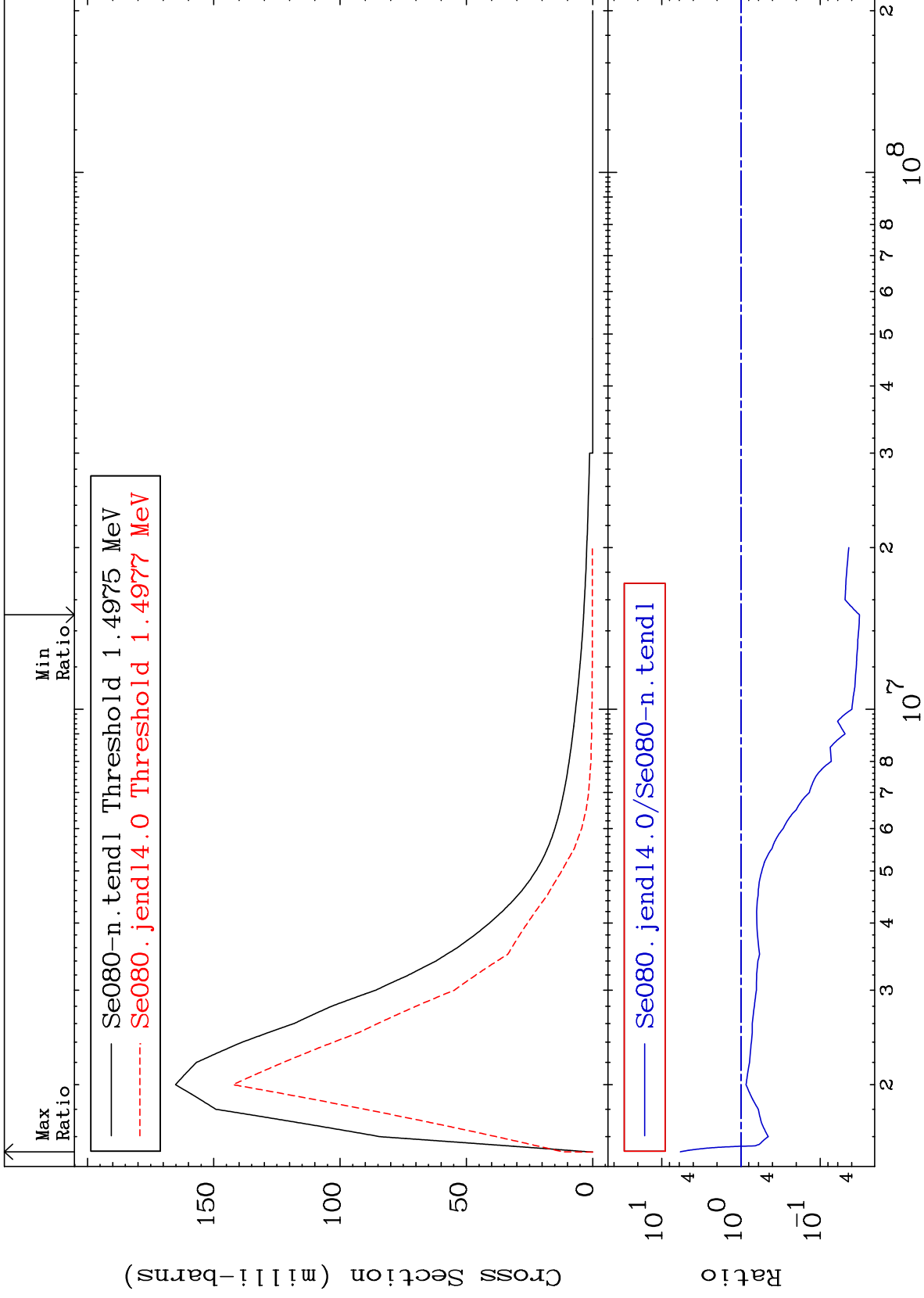
Cross Section



MAT 3443

1.479 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-80  
-96.80 To 481.6 %



10

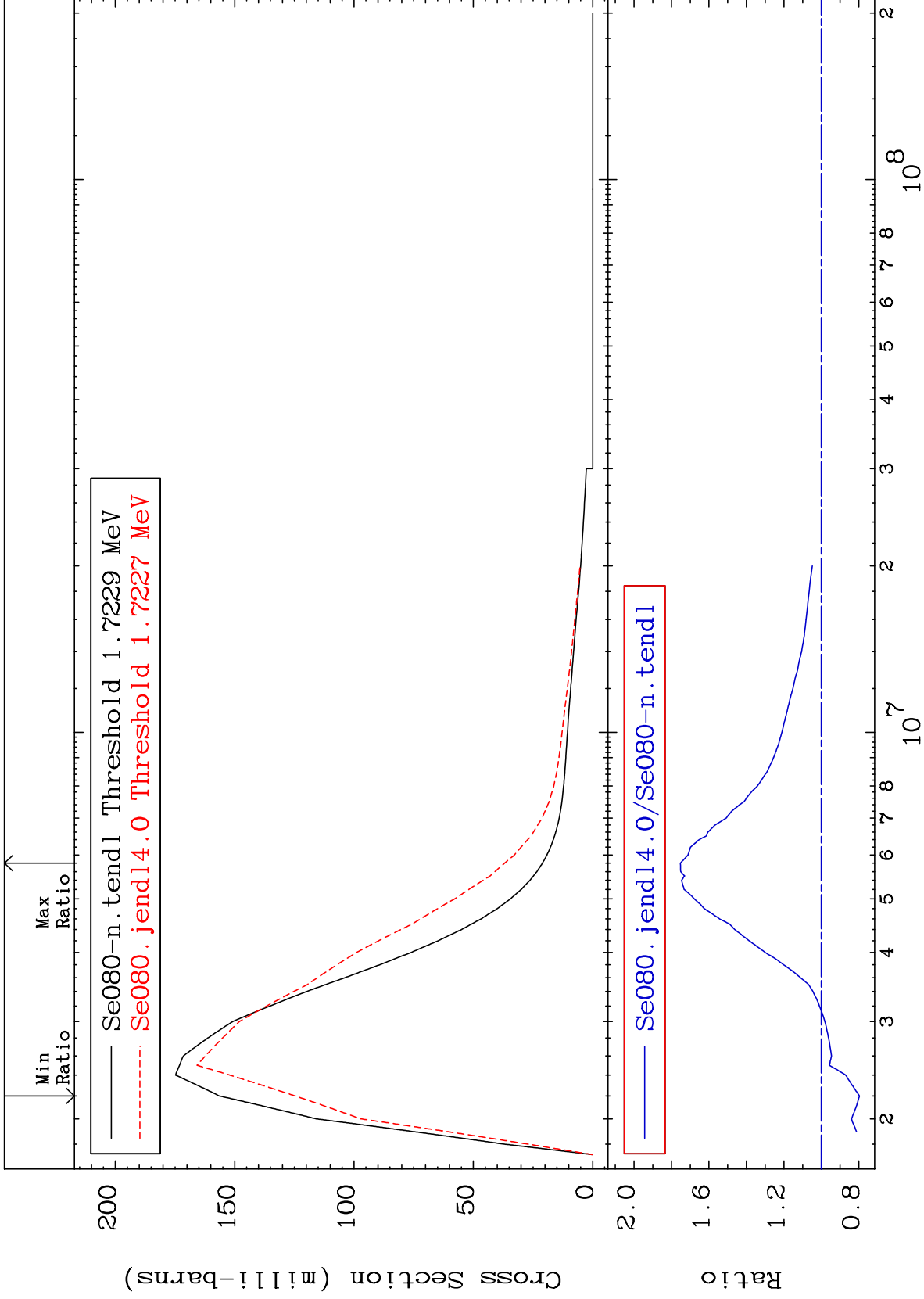
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

1.701 MeV (n,n') Level  
Cross Section

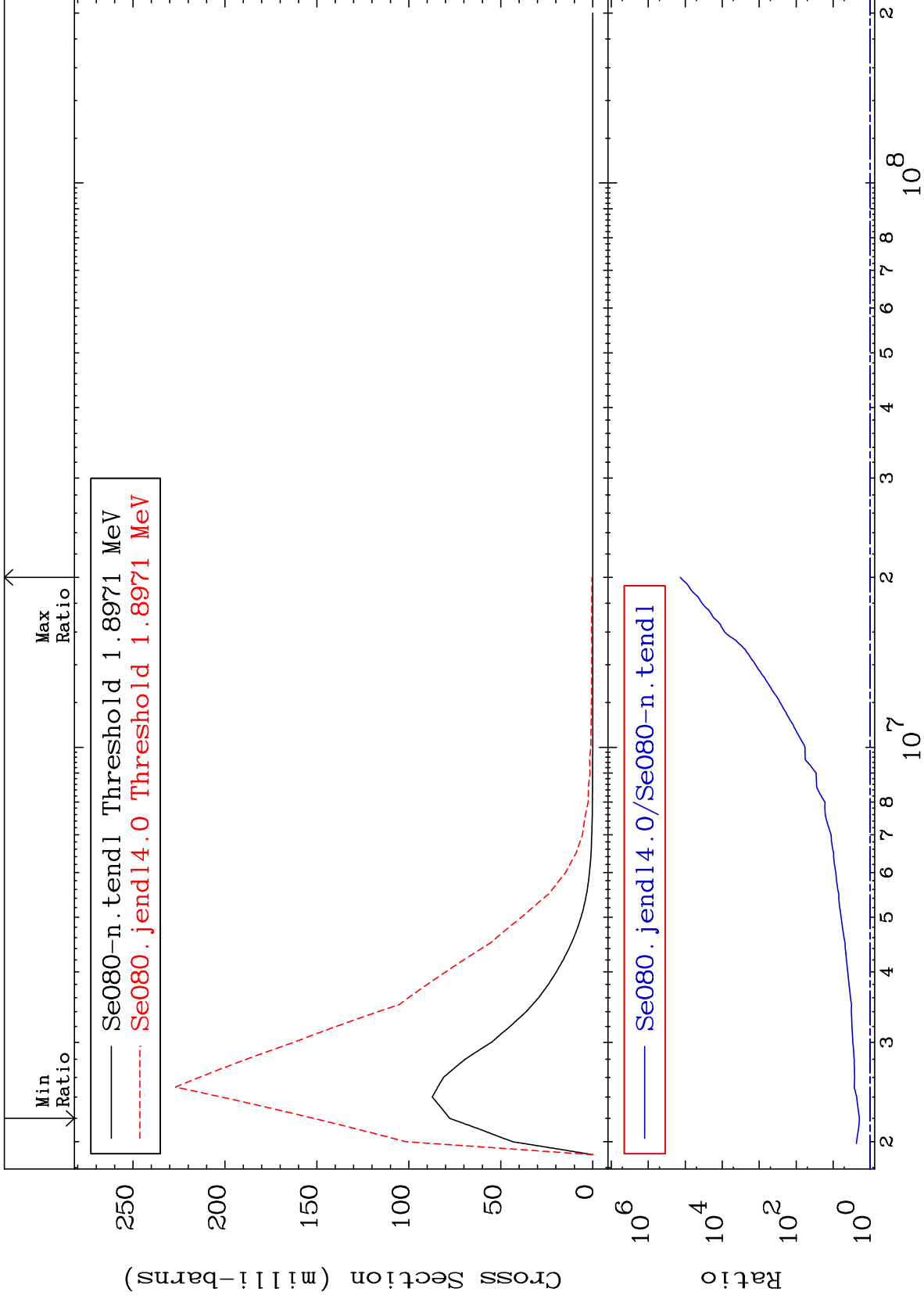
<sup>34</sup>Se-80  
-20.30 To 75.27 %



MAT 3443

1.873 MeV (n,n') Level  
Cross Section

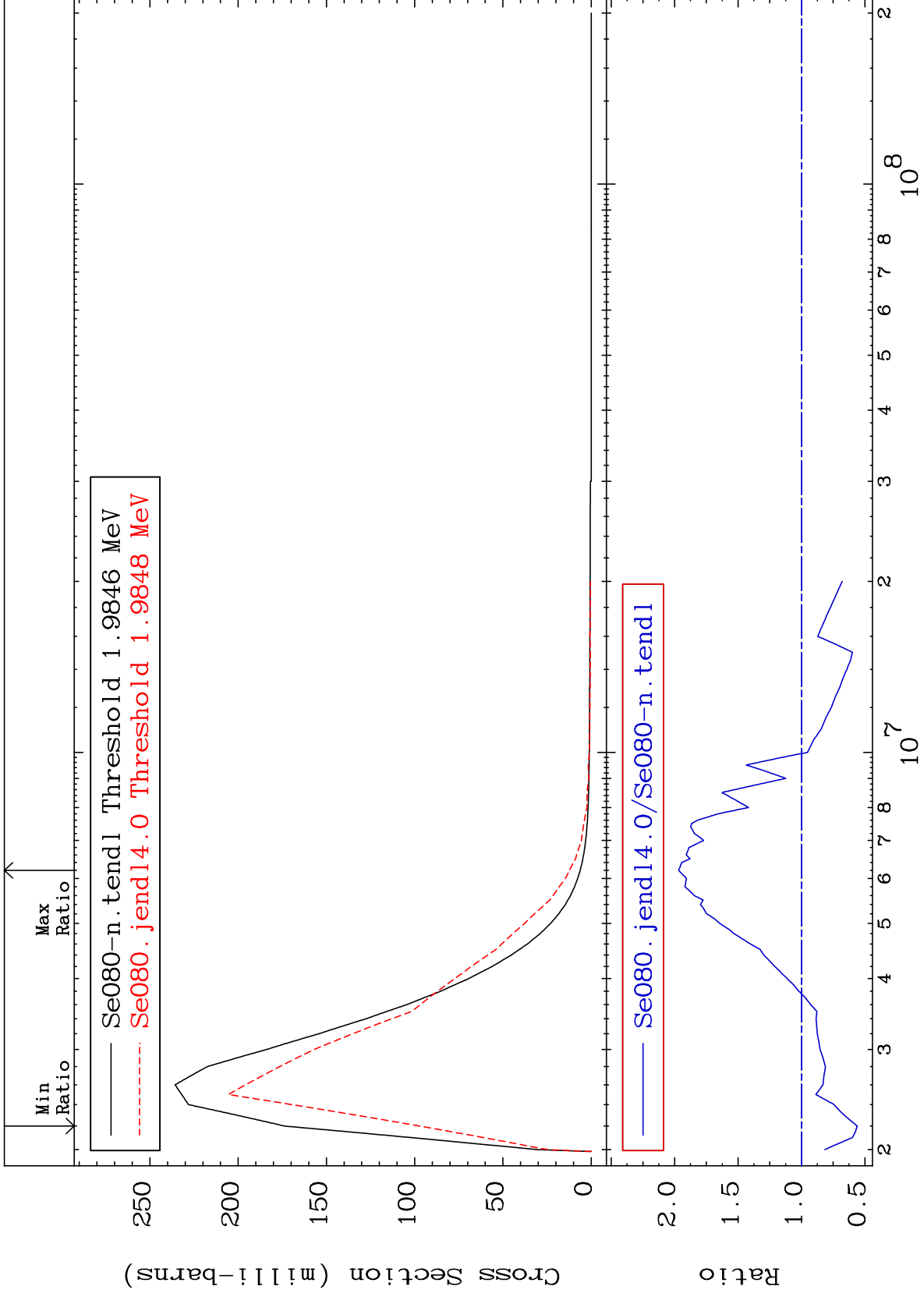
34-Se-80  
95.03 To 9999. %



MAT 3443

1.960 MeV (n,n') Level  
Cross Section

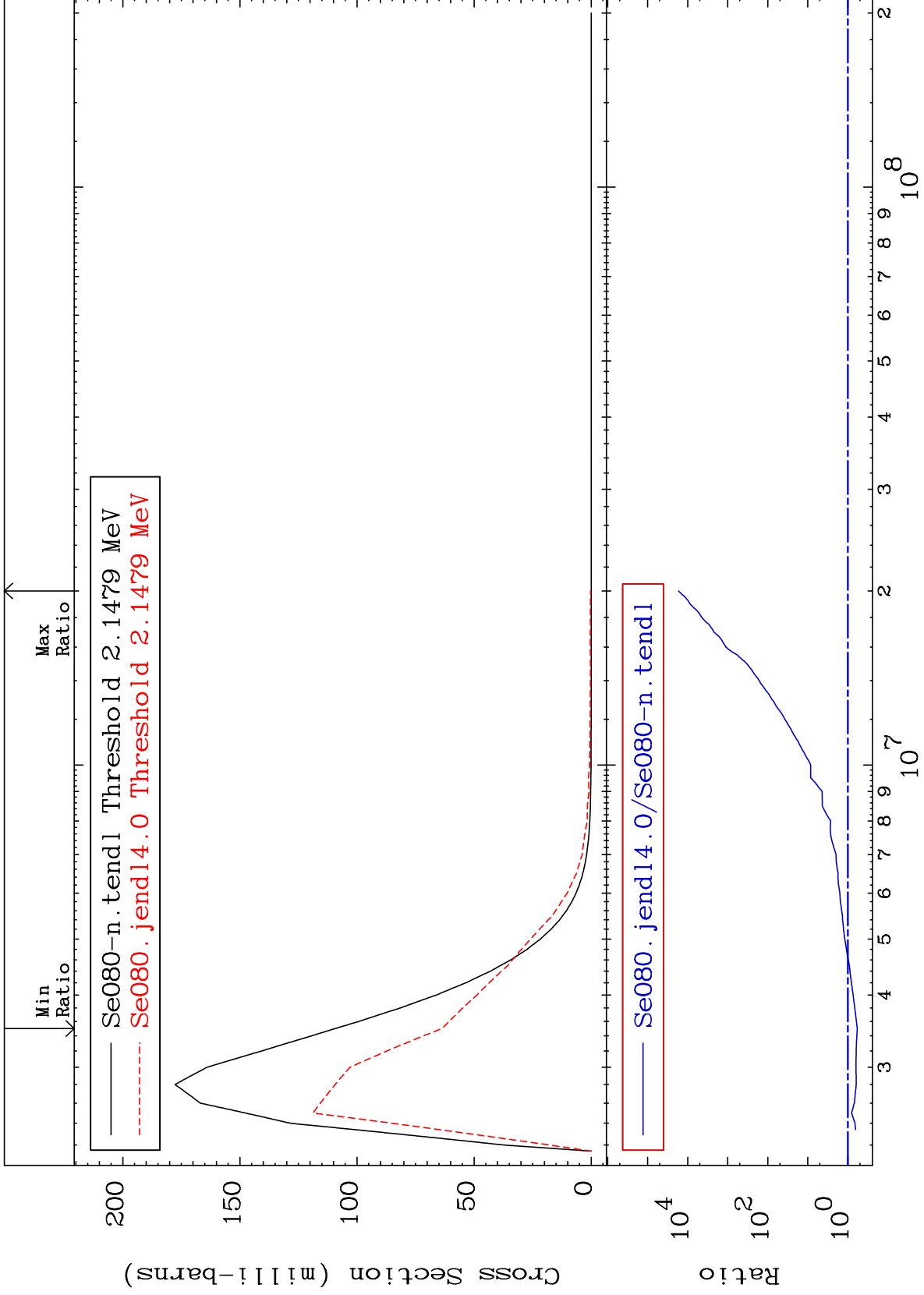
<sup>34</sup>Se-80  
-44.01 To 96.85 %



MAT 3443

2.121 MeV (n,n') Level  
Cross Section

34-Se-80  
-41.75 To 9999. %



14

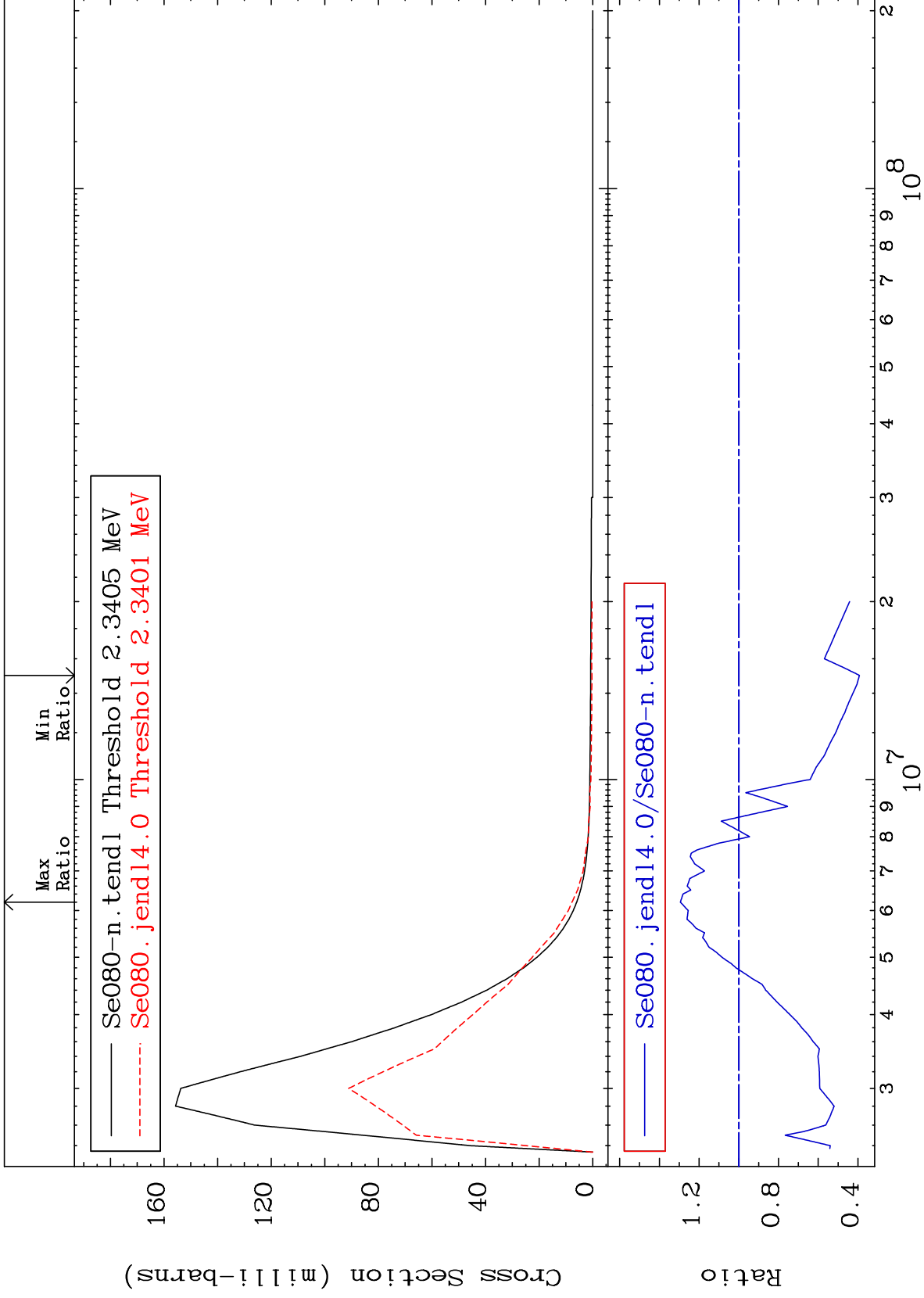
Incident Energy (eV)

34-Se-80

MAT 3443

2.311 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-80  
-60.74 To 29.45 %



15

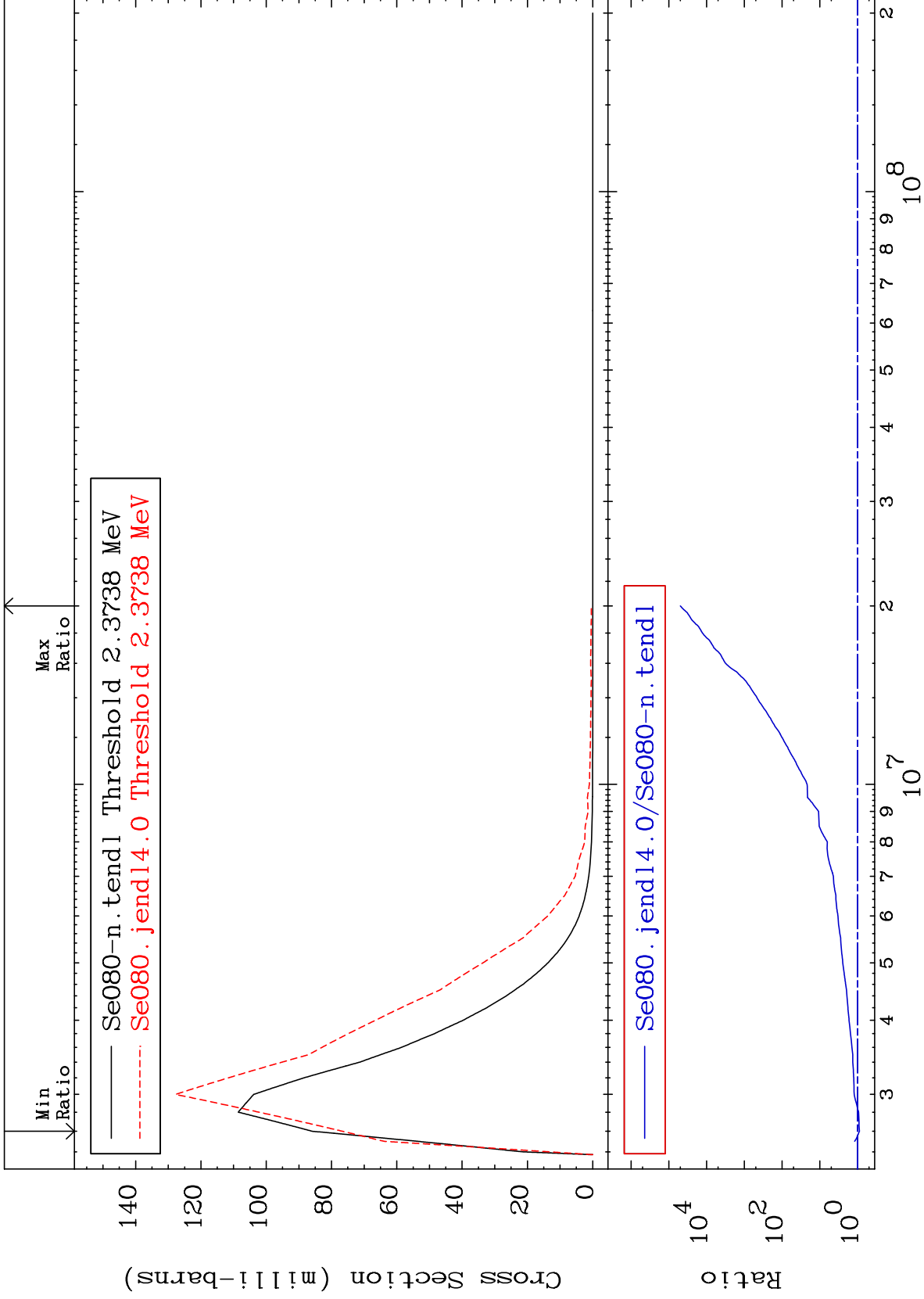
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

2.344 MeV (n,n') Level  
Cross Section

34-Se-80  
-10.76 To 9999. %

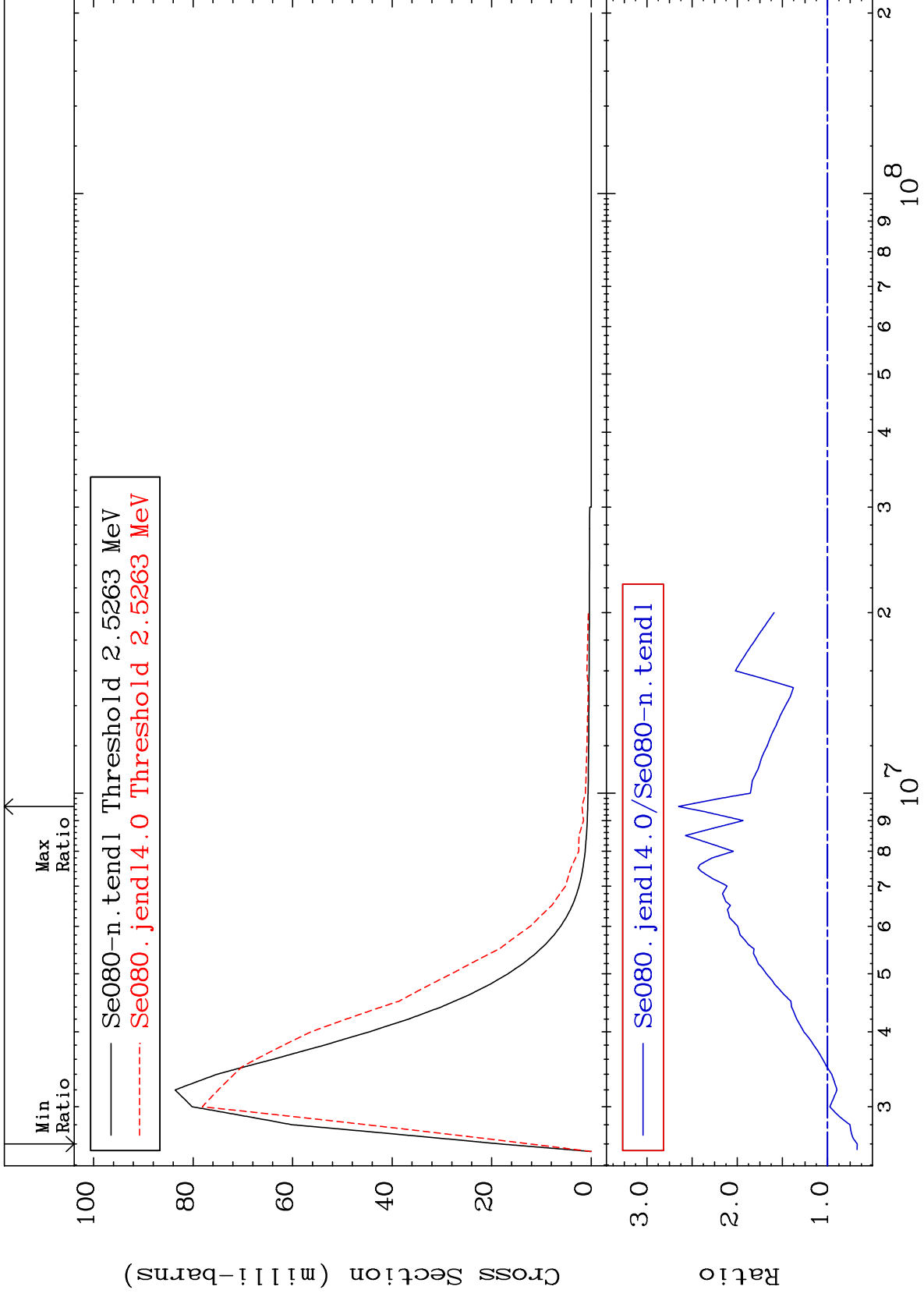




MAT 3443

2.495 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-80  
-32.86 To 164.9 %



17

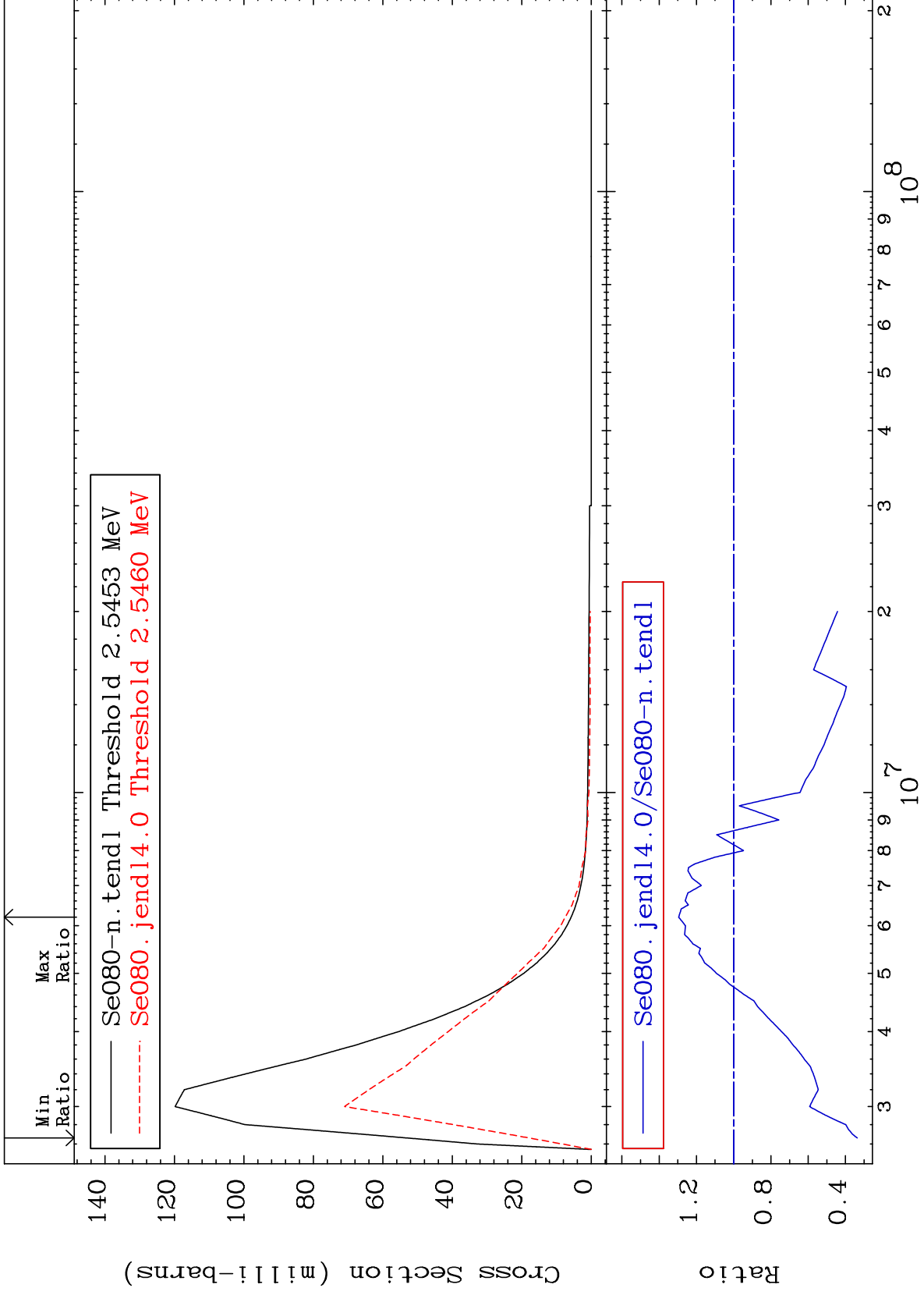
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

2.514 MeV (n,n') Level  
Cross Section

34-Se-80  
-66.31 To 29.56 %



18

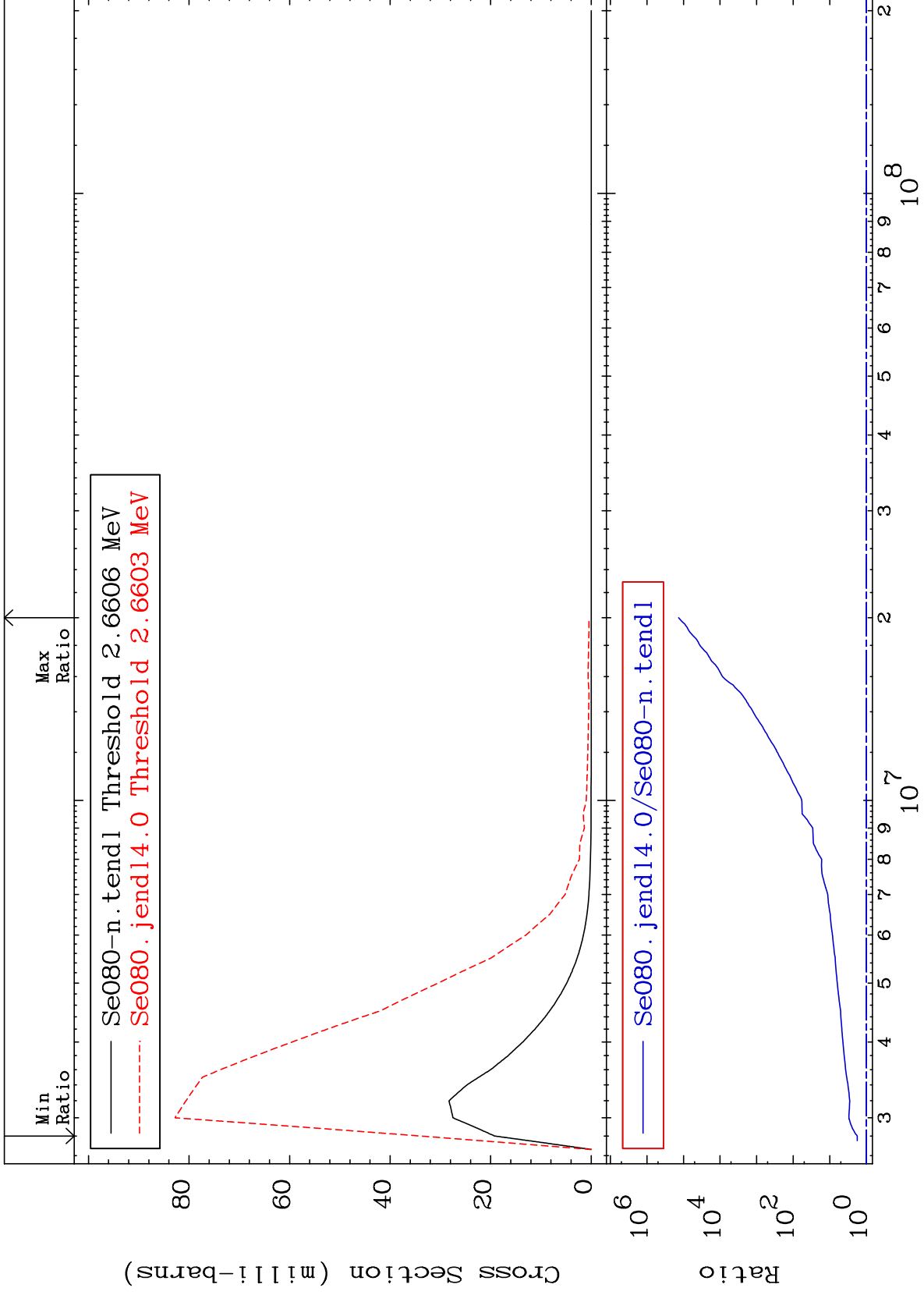
Incident Energy (eV)

34-Se-80

MAT 3443

2.627 MeV (n,n') Level  
Cross Section

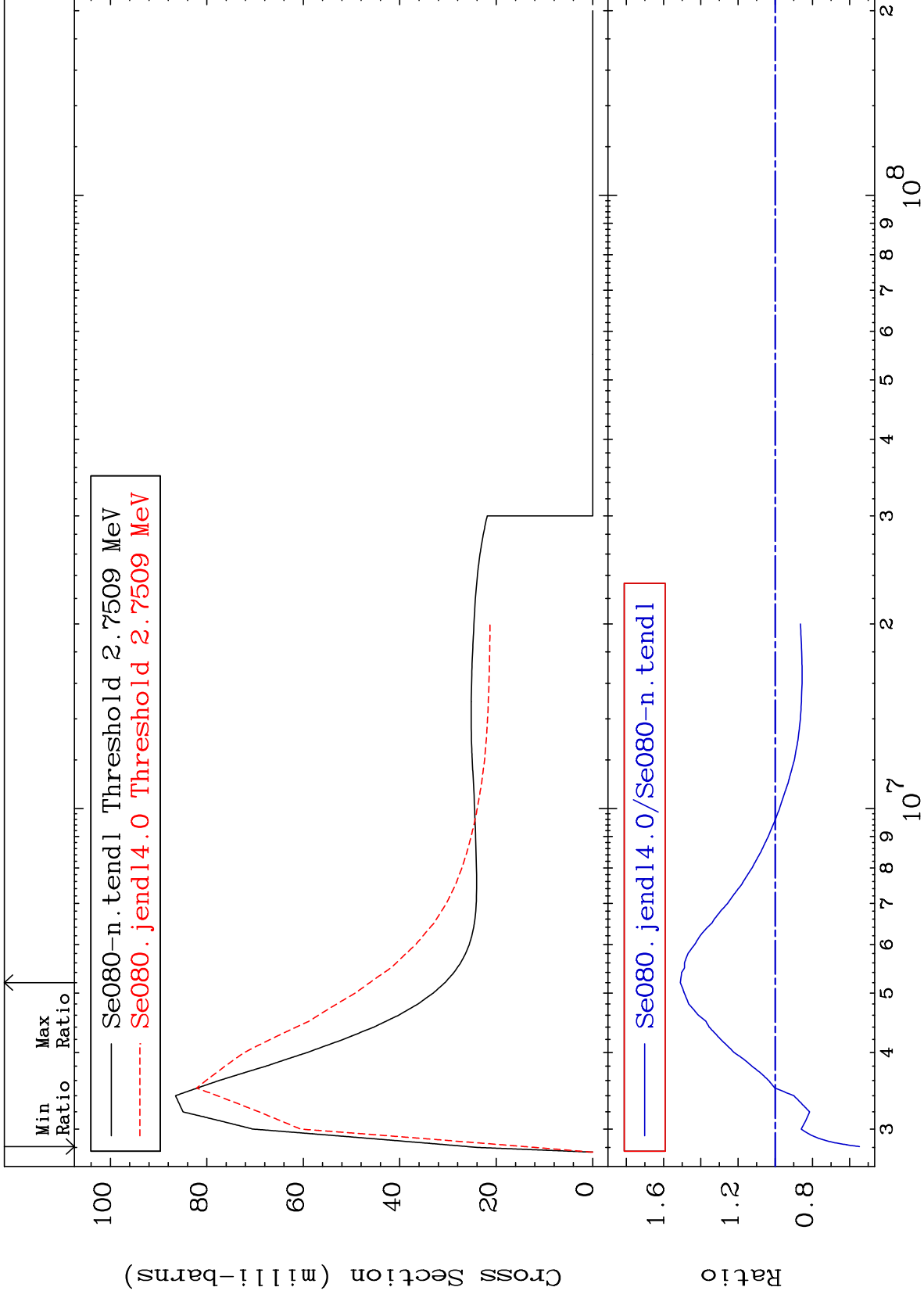
34-Se-80  
77.11 To 9999. %



MAT 3443

2.717 MeV (n,n') Level  
Cross Section

34-Se-80  
-45.25 To 50.97 %



20

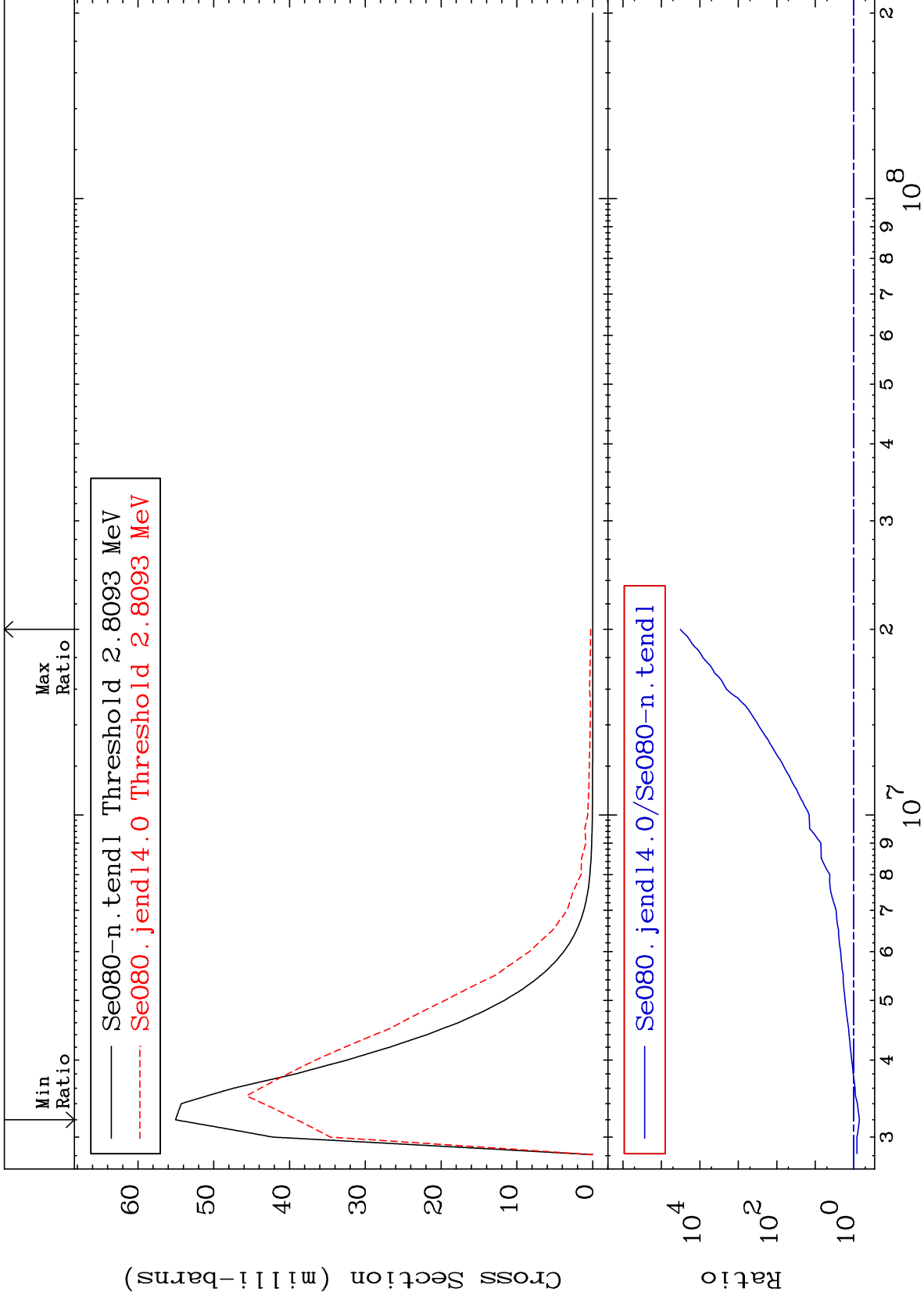
Incident Energy (eV)

34-Se-80

MAT 3443

2.774 MeV (n,n') Level  
Cross Section

34-Se-80  
-29.10 To 9999. %



21

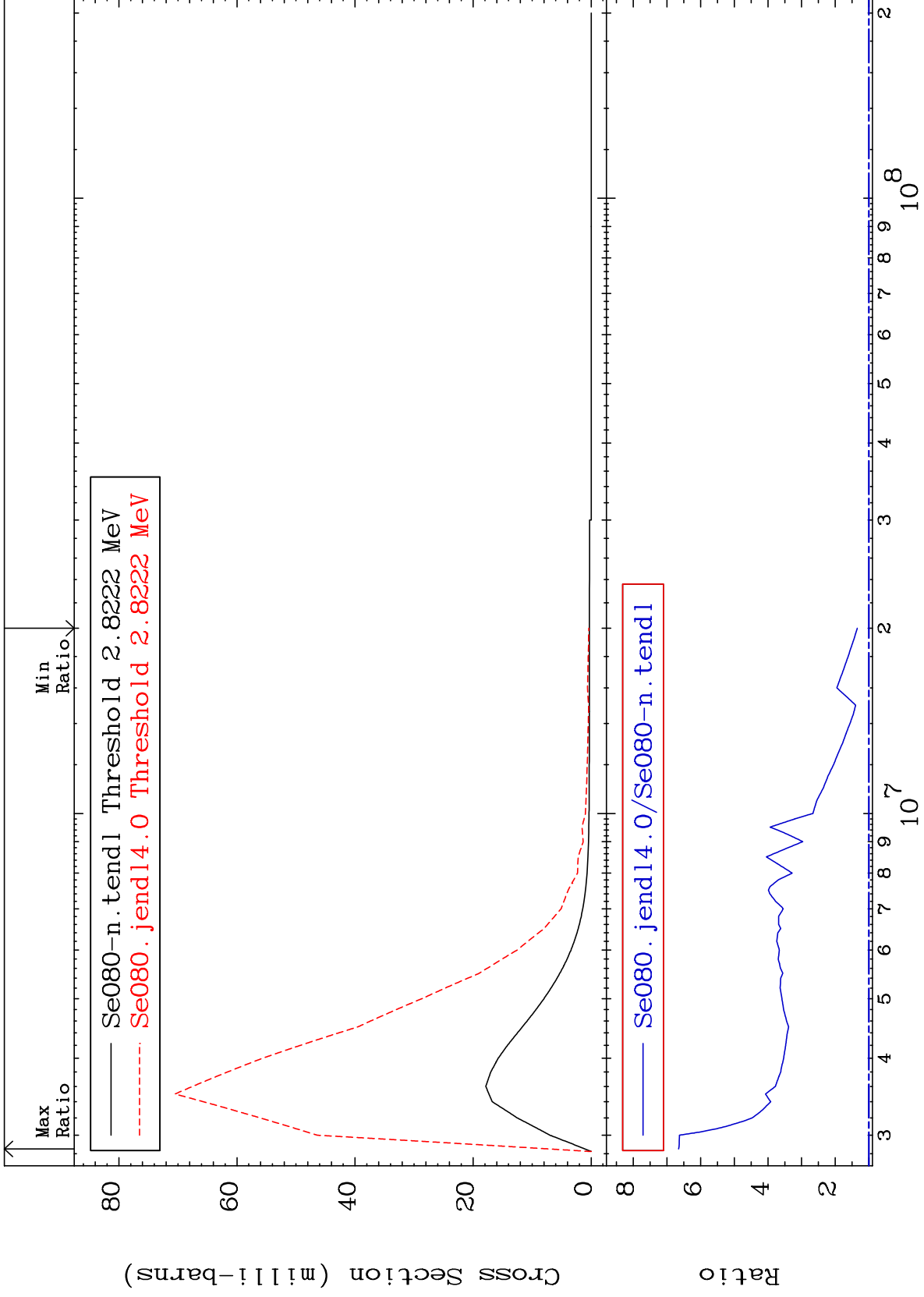
Incident Energy (eV)

34-Se-80

MAT 3443

2.787 MeV (n,n') Level  
Cross Section

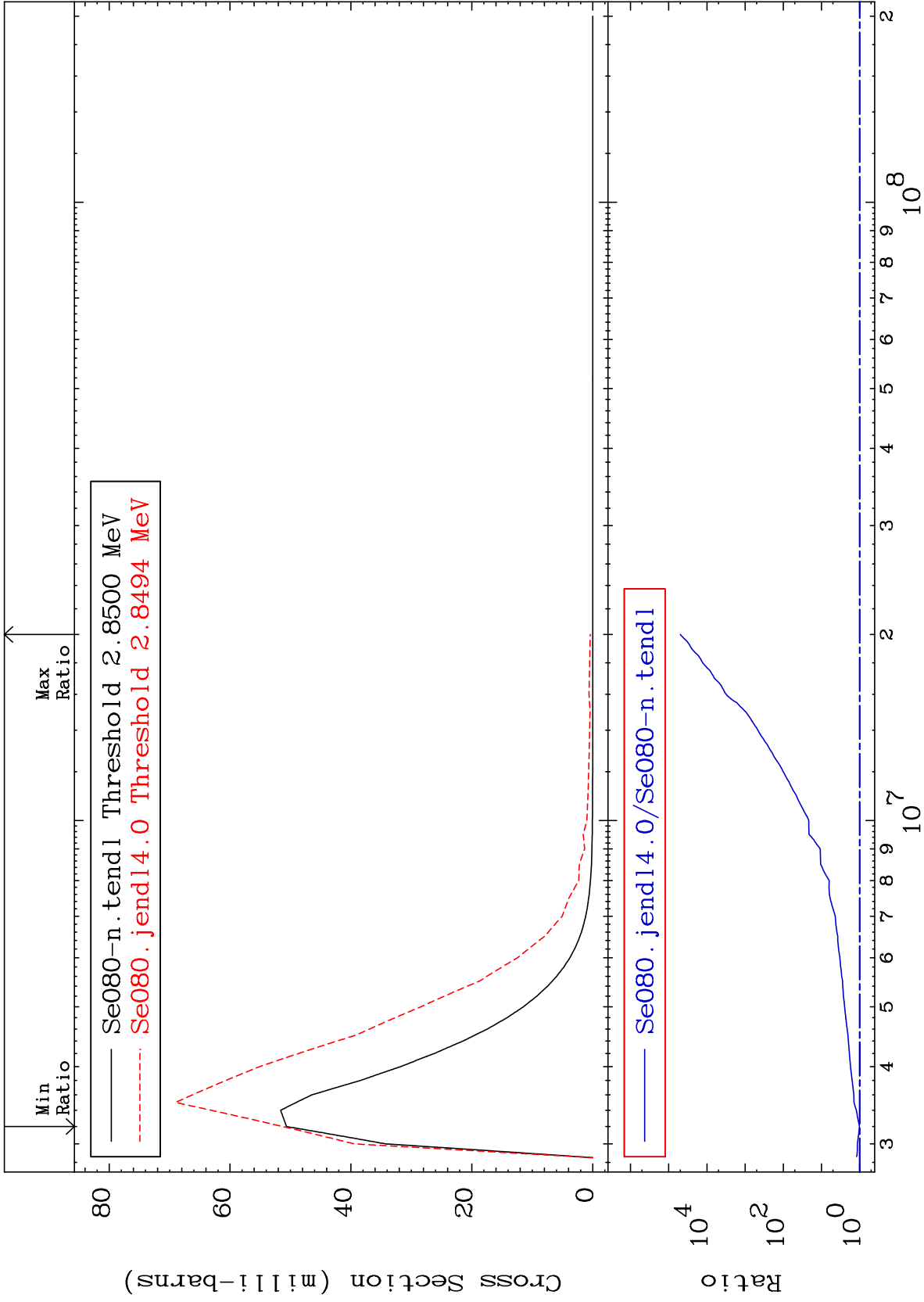
34.65 To 565.3 %  
34-Se-80



MAT 3443

2.815 MeV (n,n') Level  
Cross Section

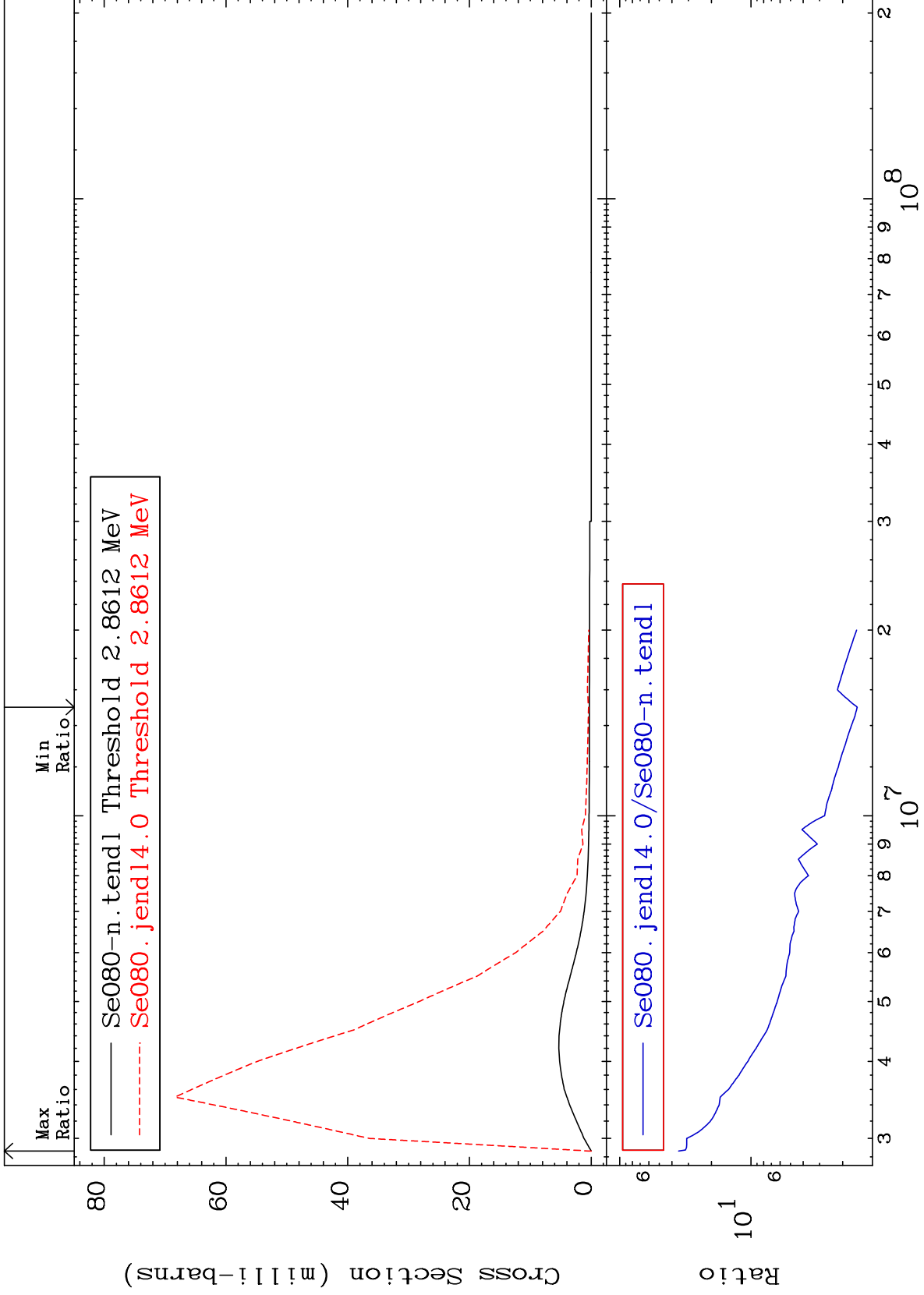
34-Se-80  
1.228 To 9999. %



MAT 3443

2.826 MeV (n,n') Level  
Cross Section

34-Se-80  
54.90 To 3455. %

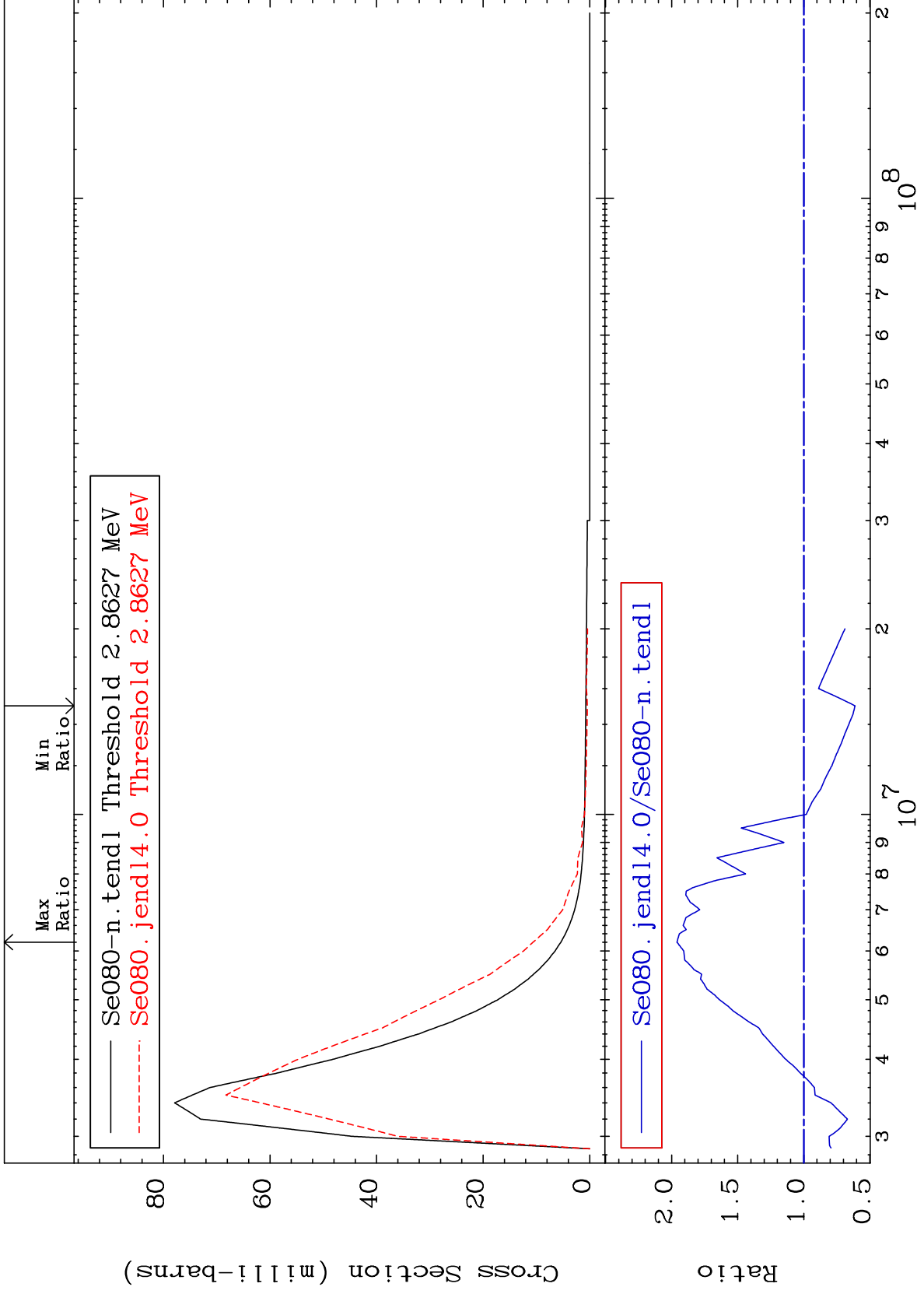




MAT 3443

2.827 MeV (n,n') Level  
Cross Section

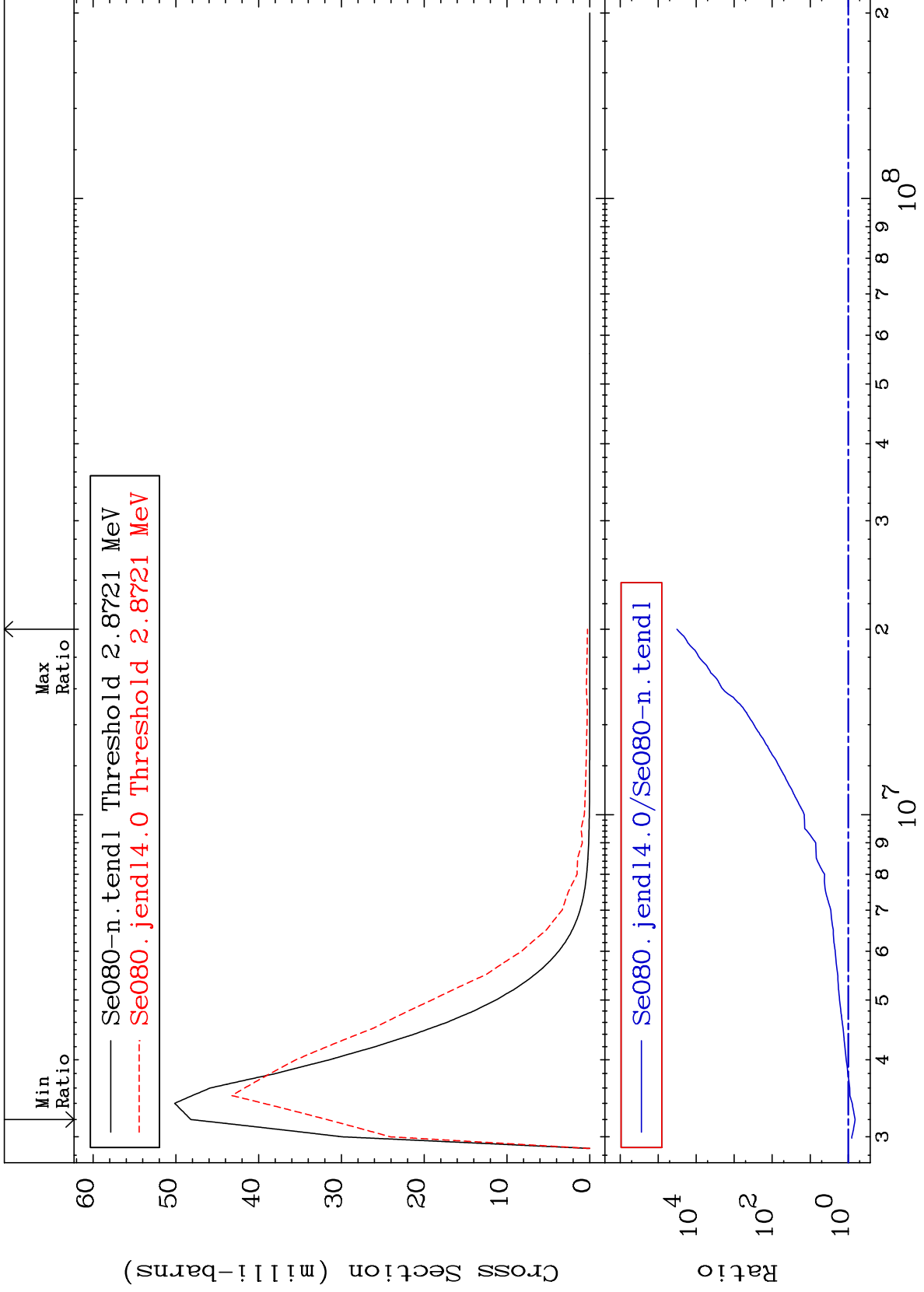
<sup>34</sup>Se-80  
-38.84 To 95.99 %



MAT 3443

2.836 MeV (n,n') Level  
Cross Section

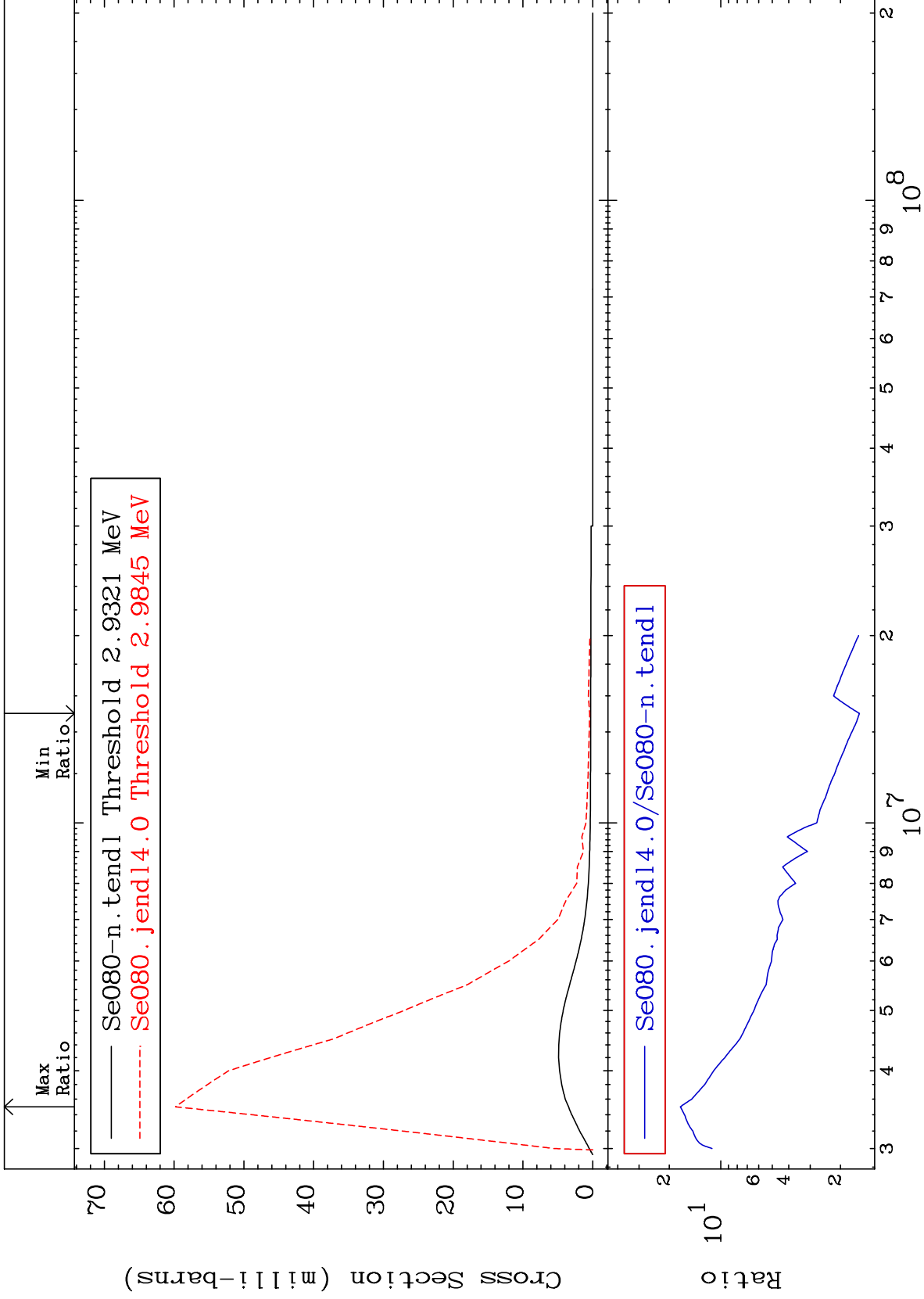
34-Se-80  
-34.11 To 9999. %



MAT 3443

2.895 MeV (n,n') Level  
Cross Section

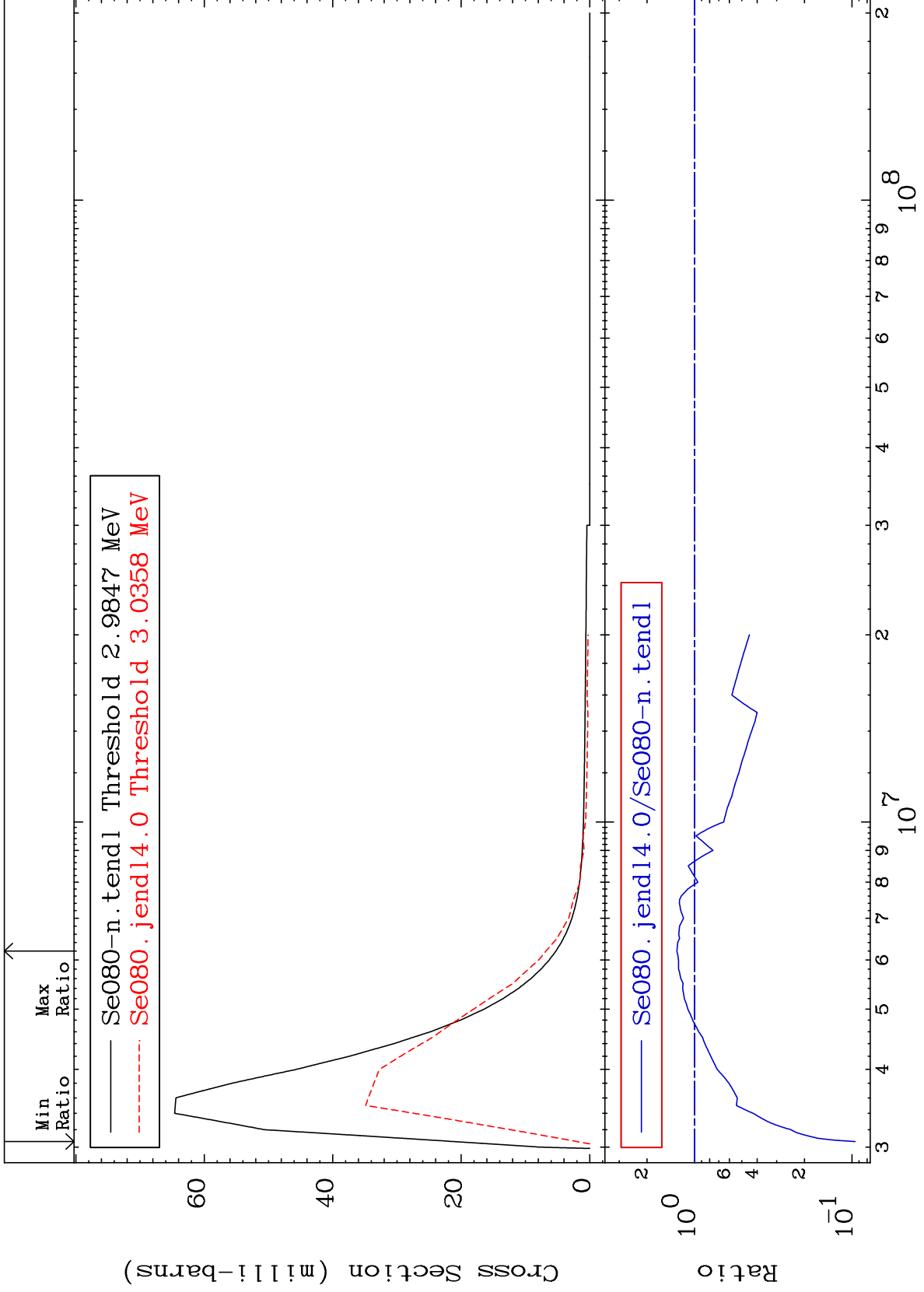
34-Se-80  
54.71 To 1622. %

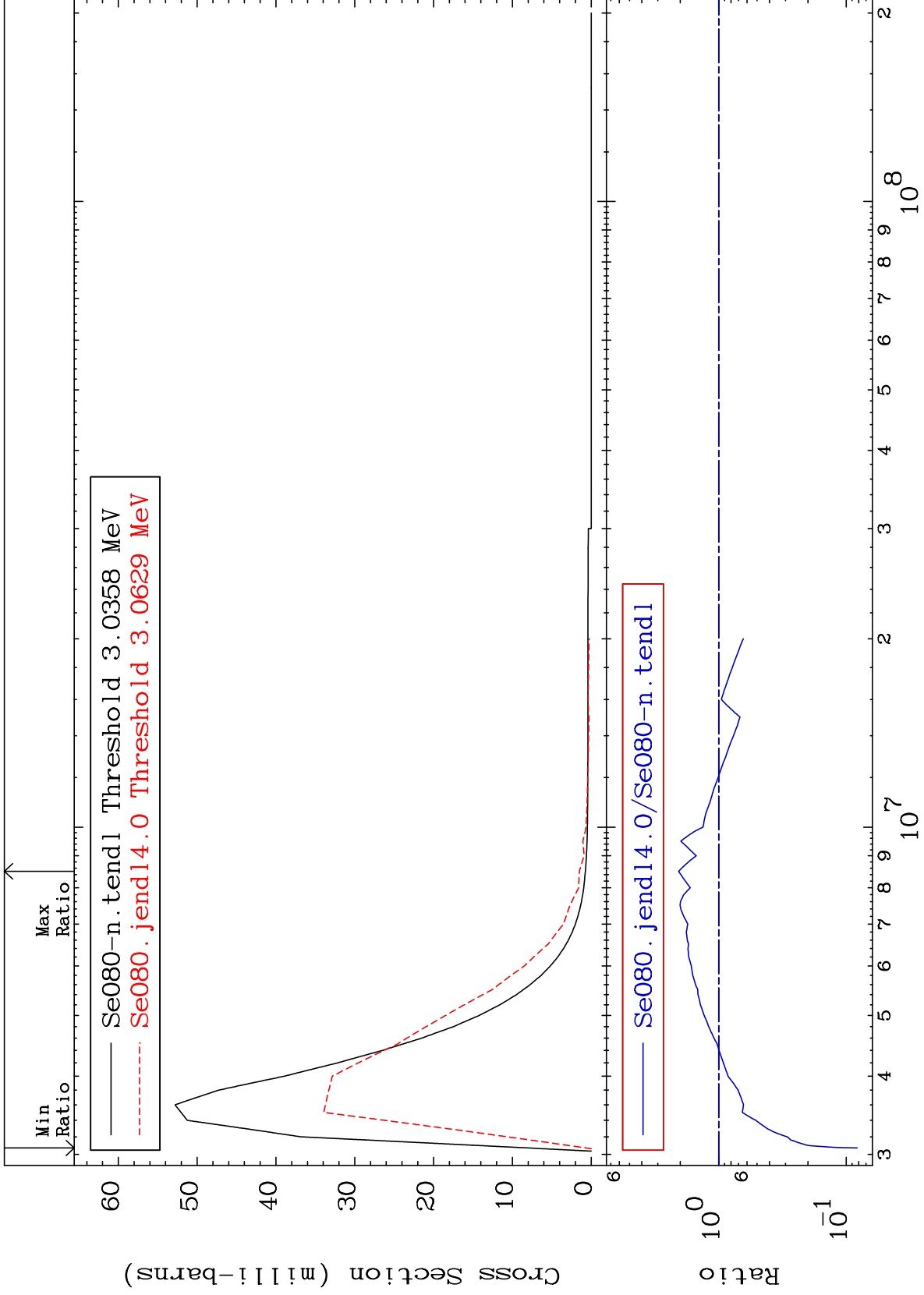


MAT 3443

2.948 MeV (n,n') Level  
Cross Section

34-Se-80  
-90.46 To 29.17 %

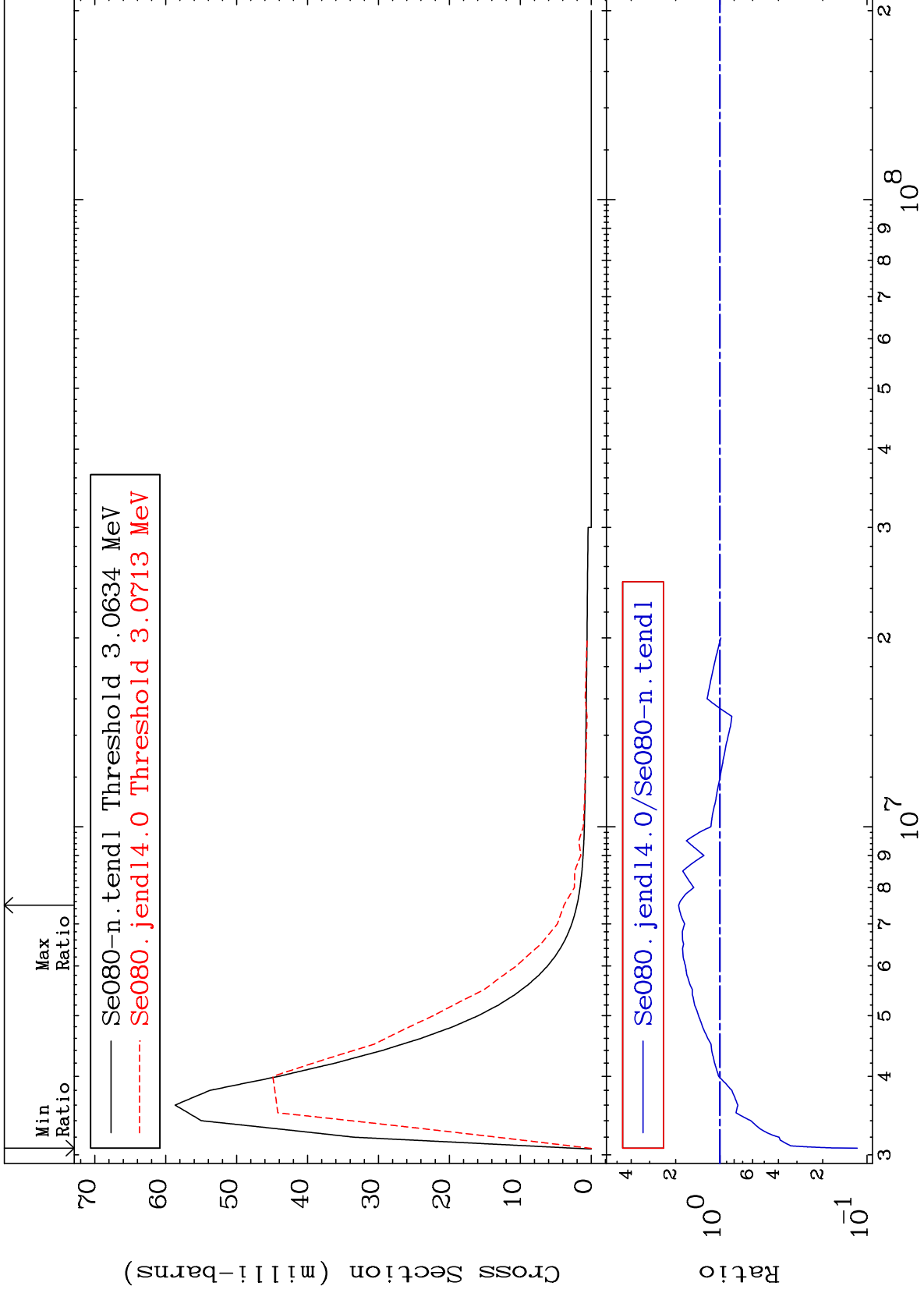




MAT 3443

3.025 MeV (n,n') Level  
Cross Section

34-Se-80  
-88.34 To 90.65 %



30

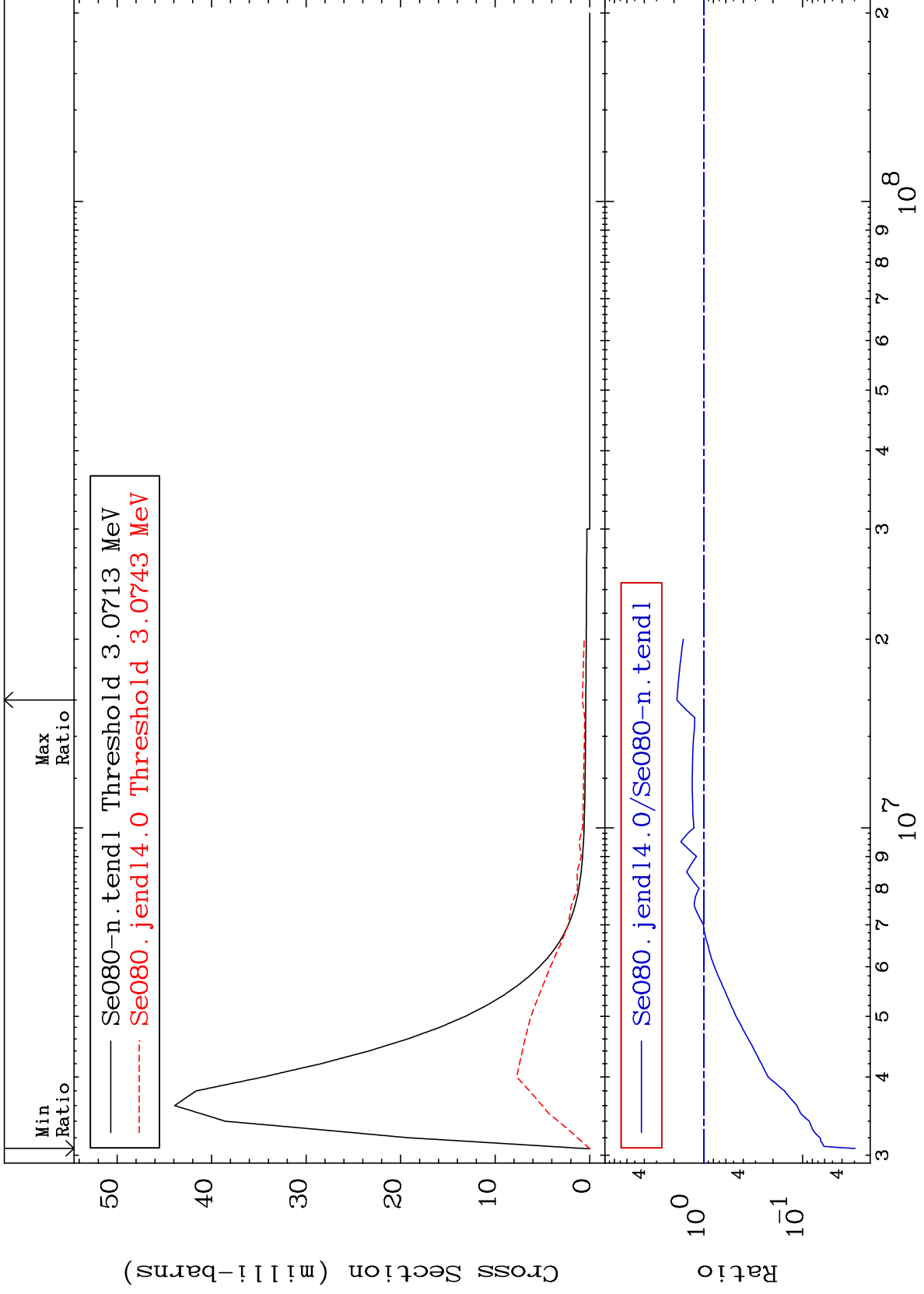
Incident Energy (eV)

34-Se-80

MAT 3443

3.033 MeV (n,n') Level  
Cross Section

34-Se-80  
-97.05 To 87.08 %



31

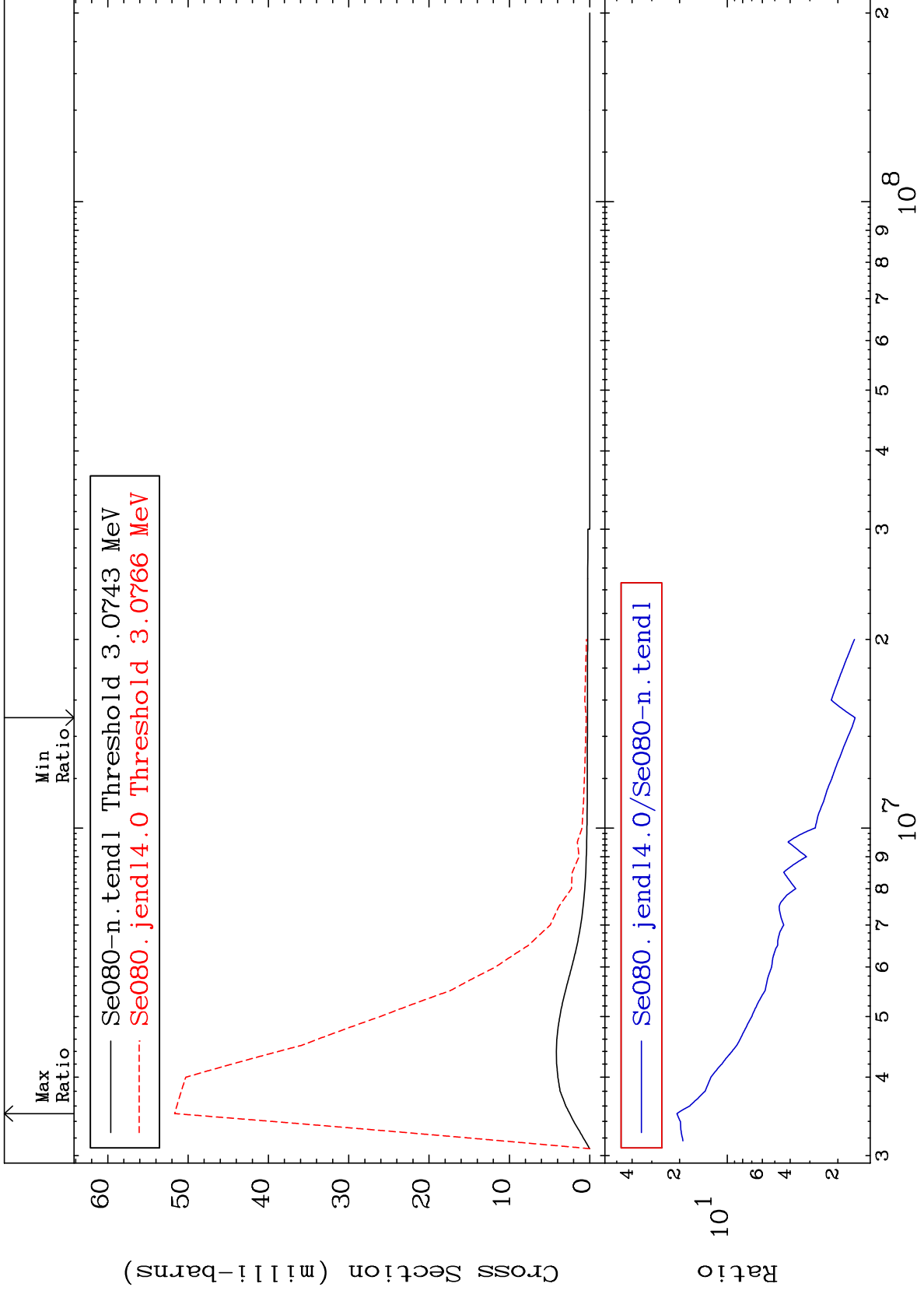
Incident Energy (eV)

34-Se-80

MAT 3443

3.036 MeV (n,n') Level  
Cross Section

34-Se-80  
55.54 To 1980. %



32

Incident Energy (eV)

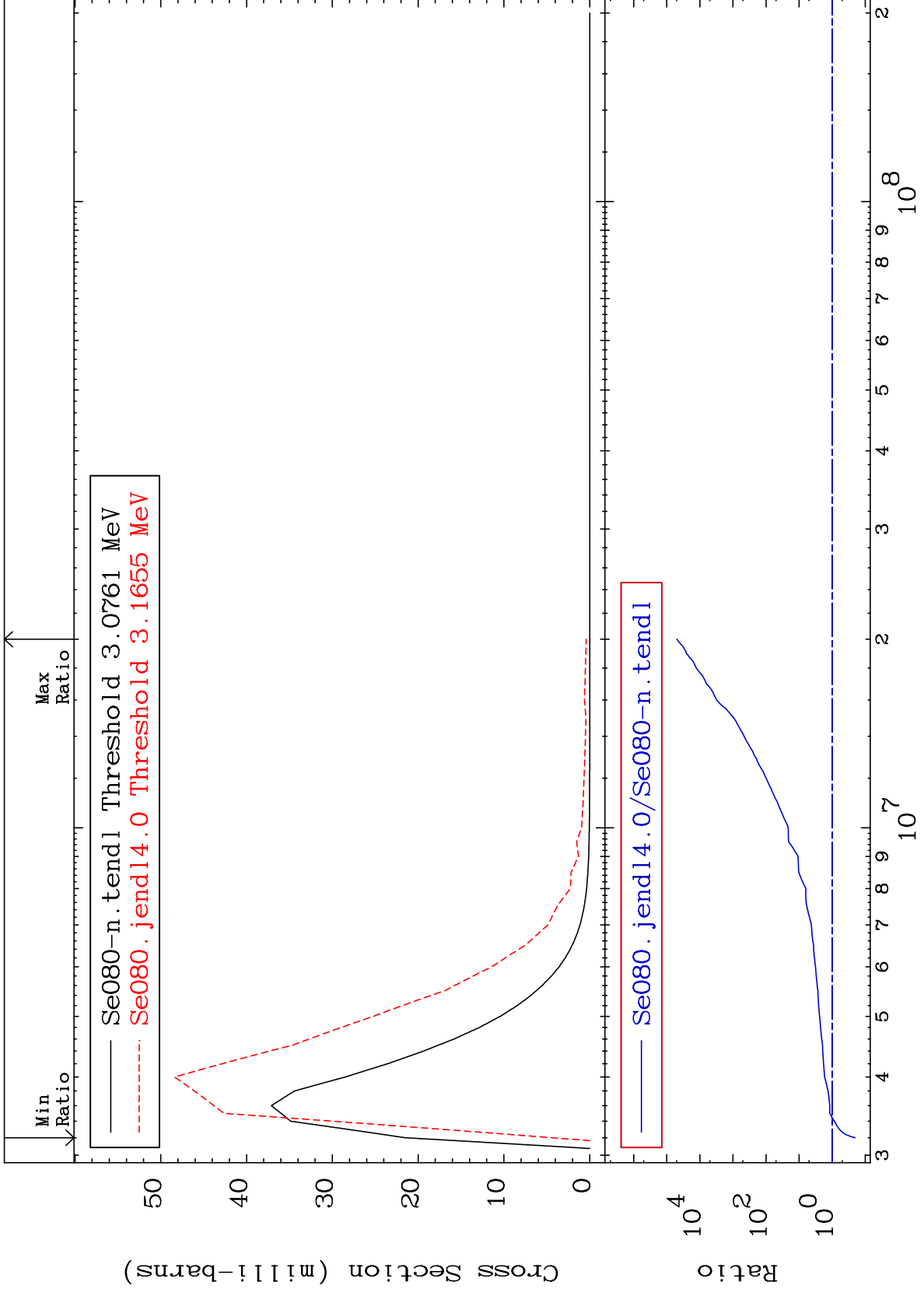
34-Se-80



MAT 3443

3.038 MeV (n,n') Level  
Cross Section

34-Se-80  
-79.63 To 9999. %



33

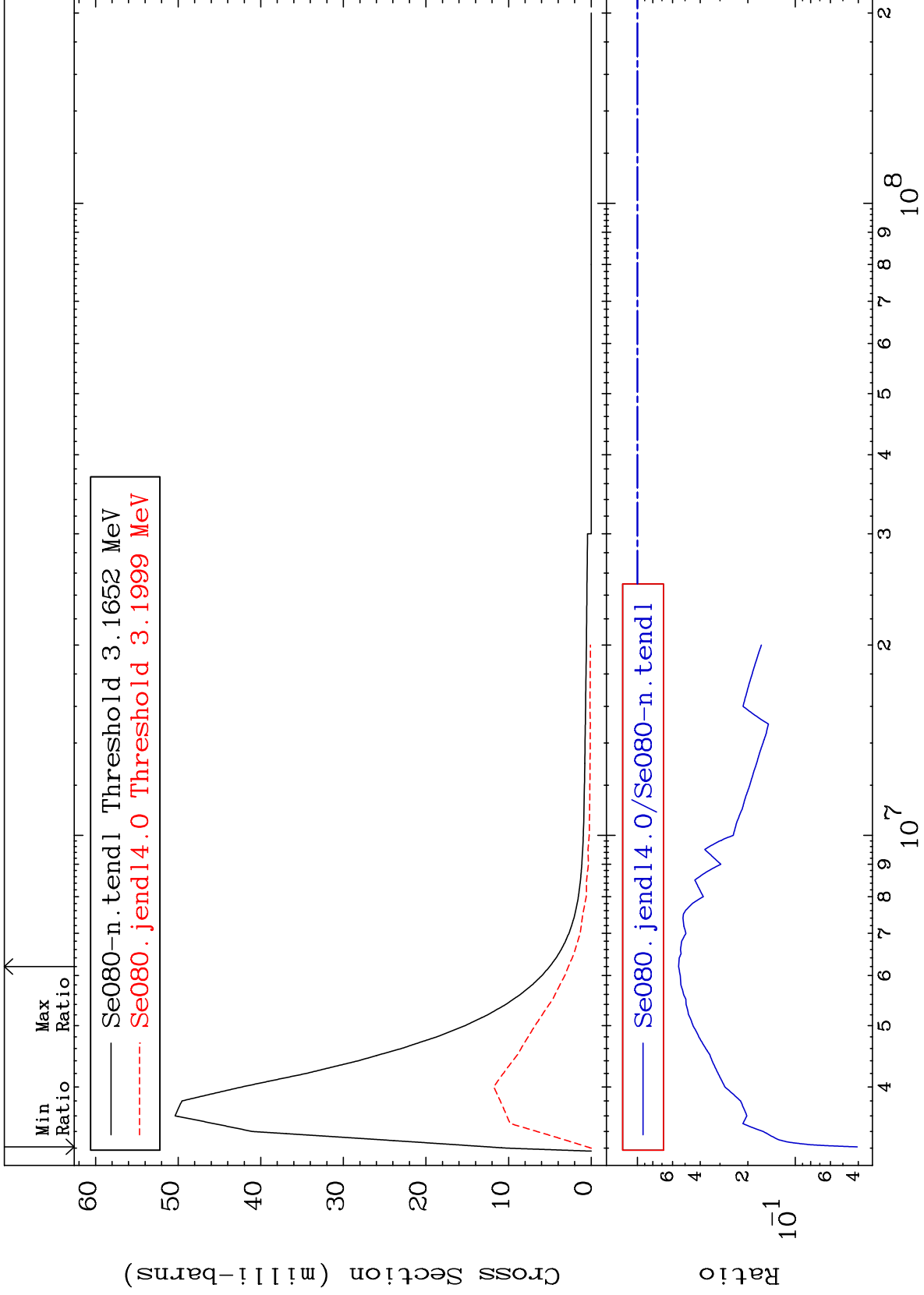
Incident Energy (eV)

34-Se-80

MAT 3443

3.126 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-80  
-95.94 To -45.14%



34

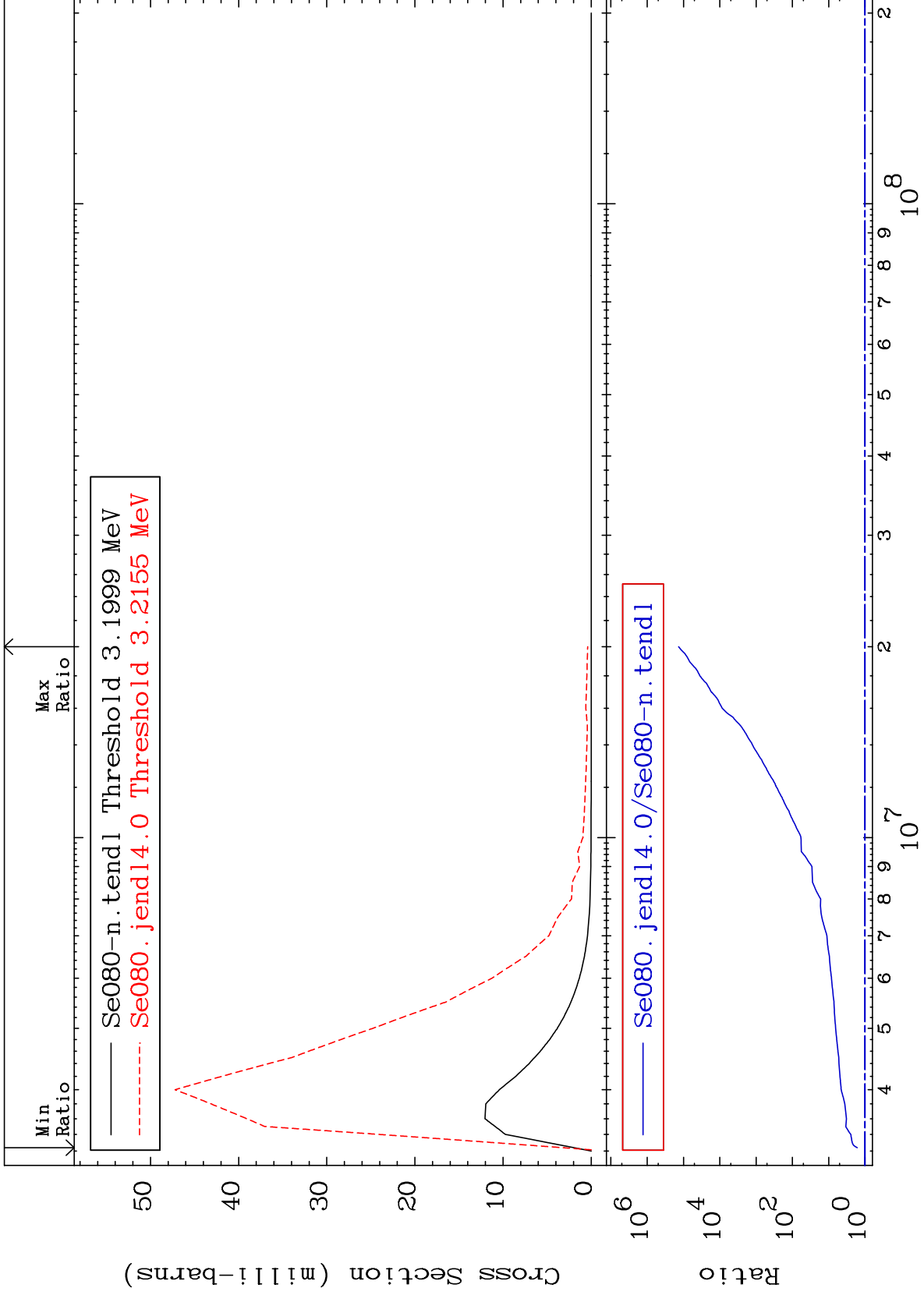
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

3.160 MeV (n,n') Level  
Cross Section

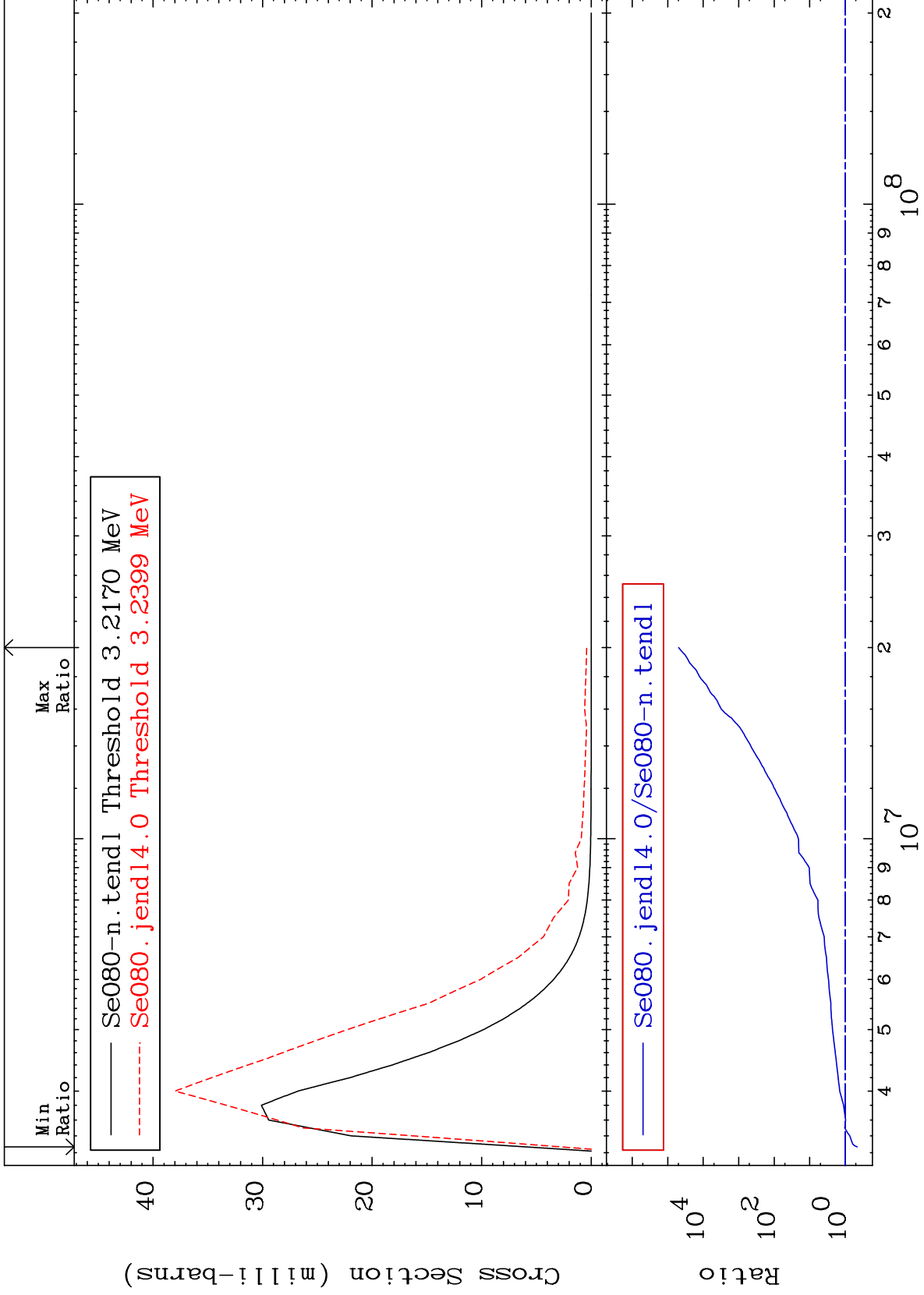
34-Se-80  
63.72 To 9999. %



MAT 3443

3.177 MeV (n,n') Level  
Cross Section

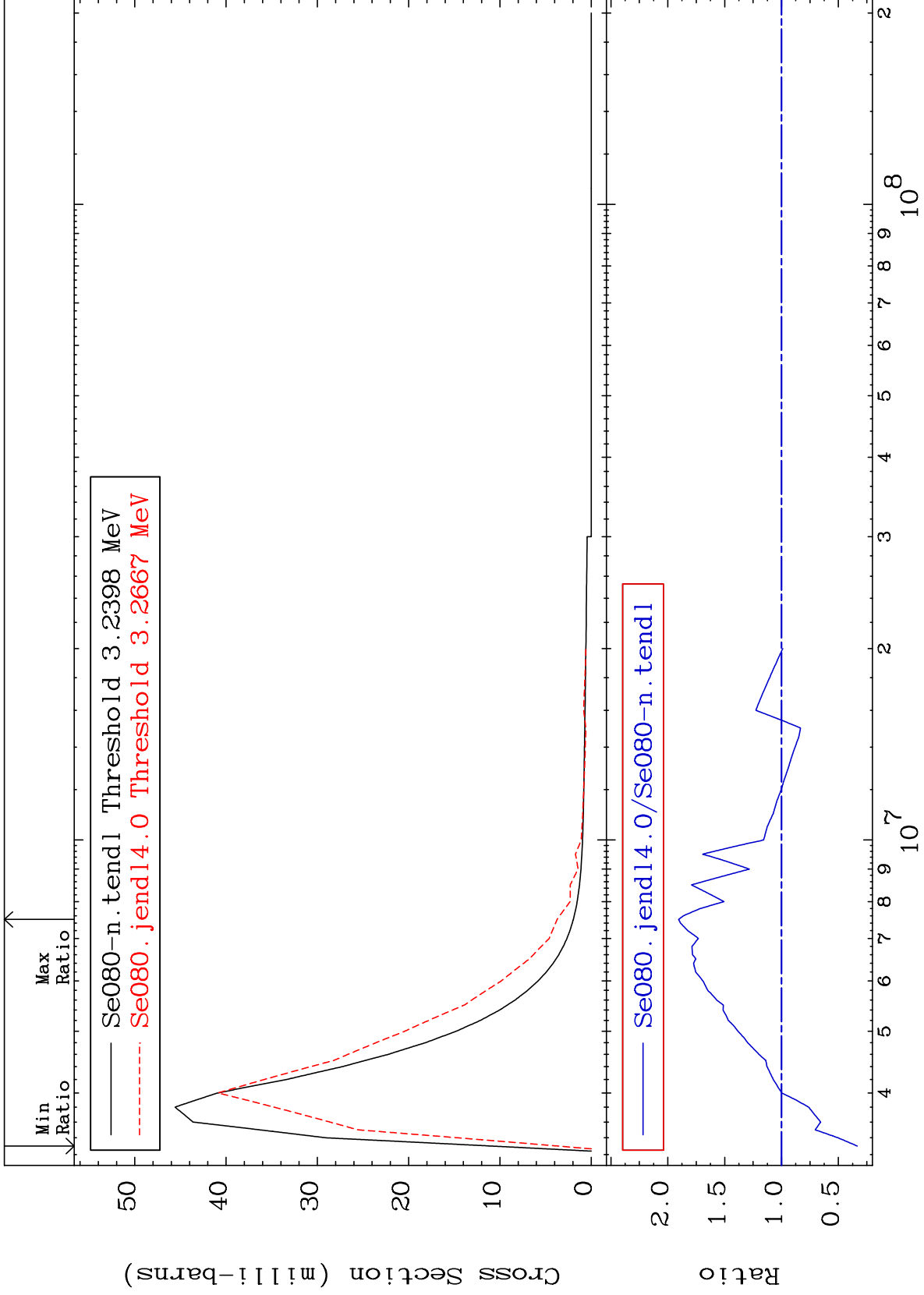
34-Se-80  
-54.42 To 9999. %



MAT 3443

3.199 MeV (n,n') Level  
Cross Section

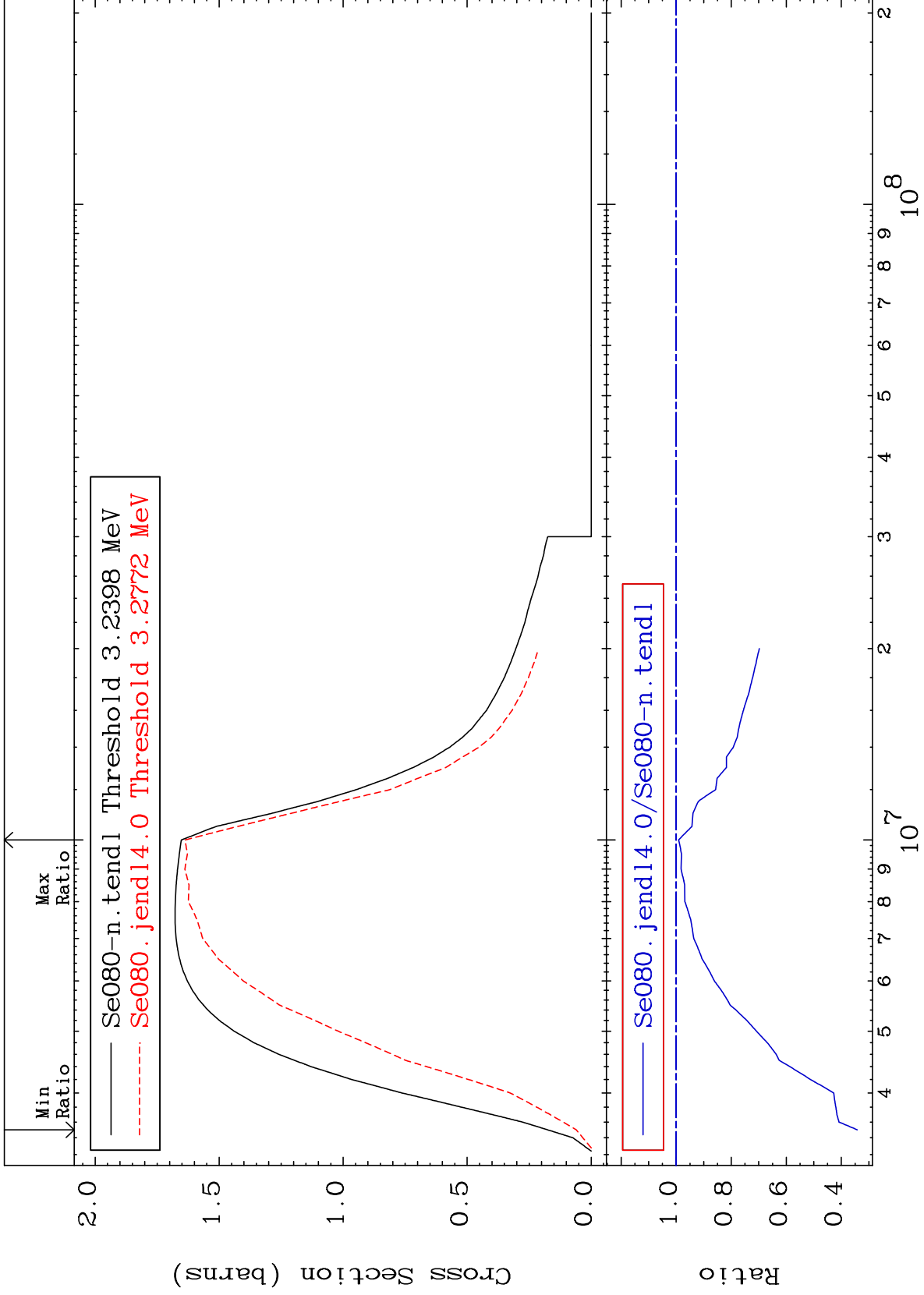
34-Se-80  
-66.57 To 90.48 %



MAT 3443

(n, n') Continuum  
Cross Section

<sup>34</sup>Se-80  
-65.79 To -0.897%



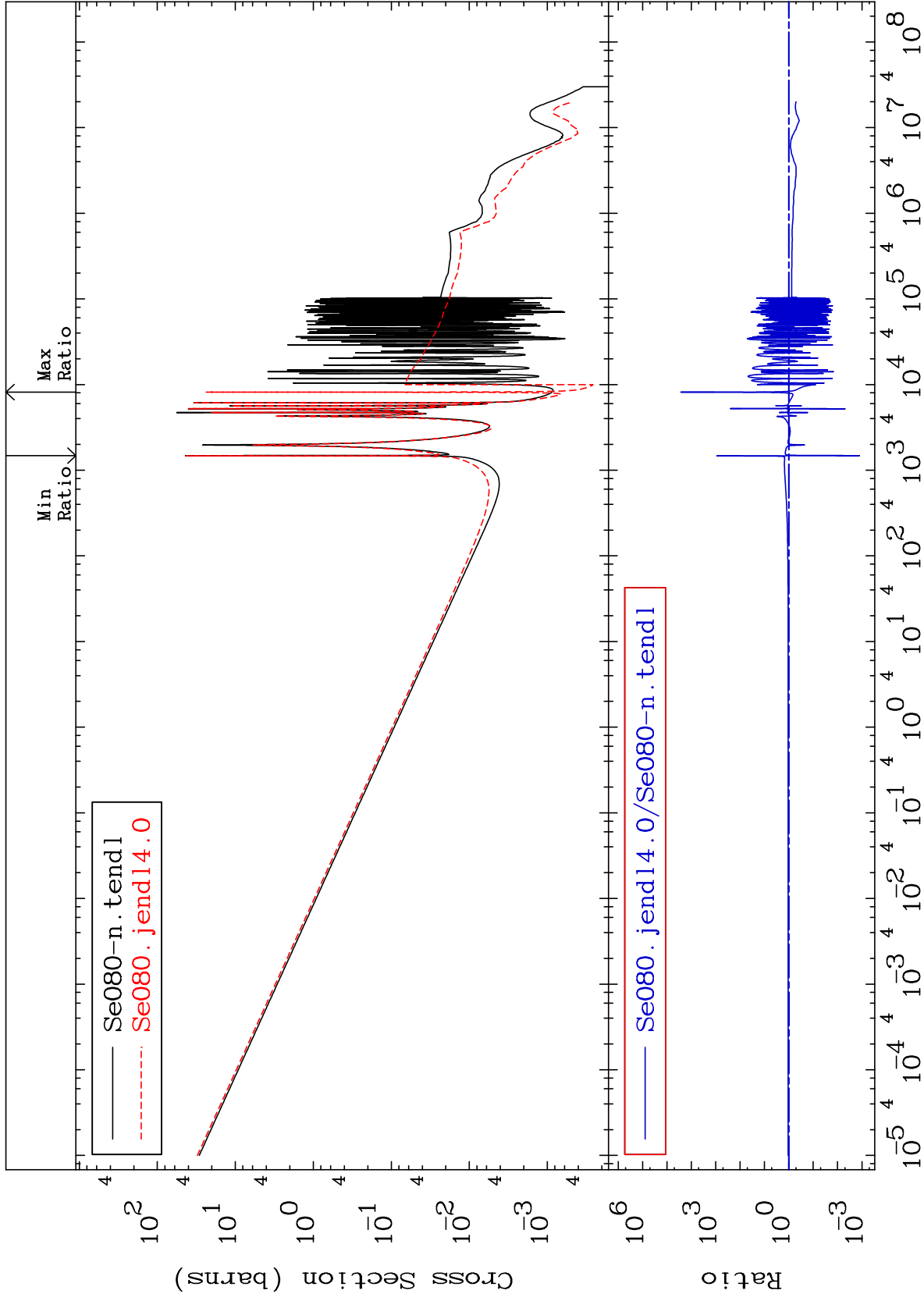
MAT 3443

(n,  $\gamma$ )

<sup>34</sup>Se-80

Cross Section

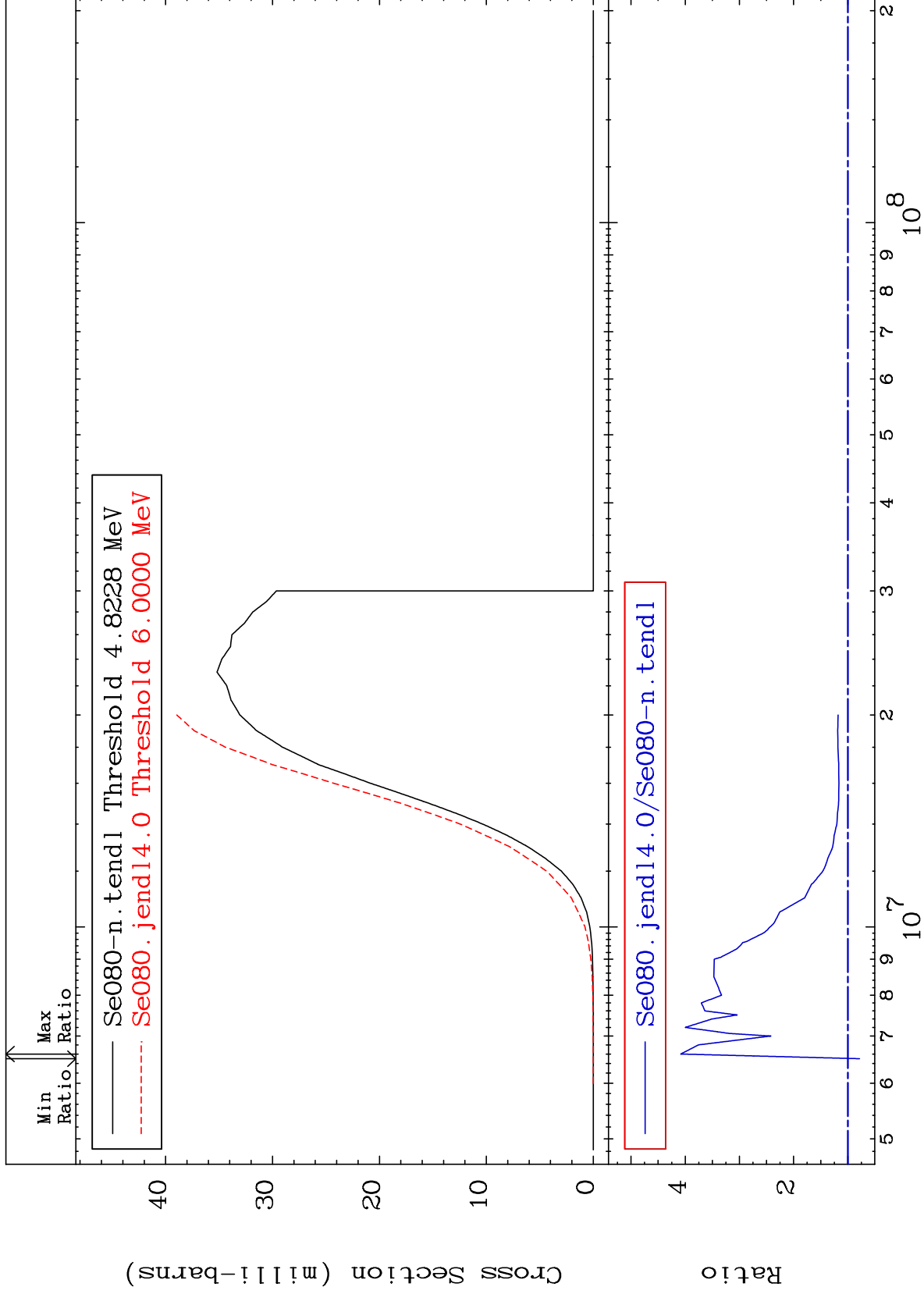
-99.87 To 9999. %



MAT 3443

(n,p)  
Cross Section

<sup>34</sup>Se-80  
-21.63 To 308.2 %



40

Incident Energy (eV)

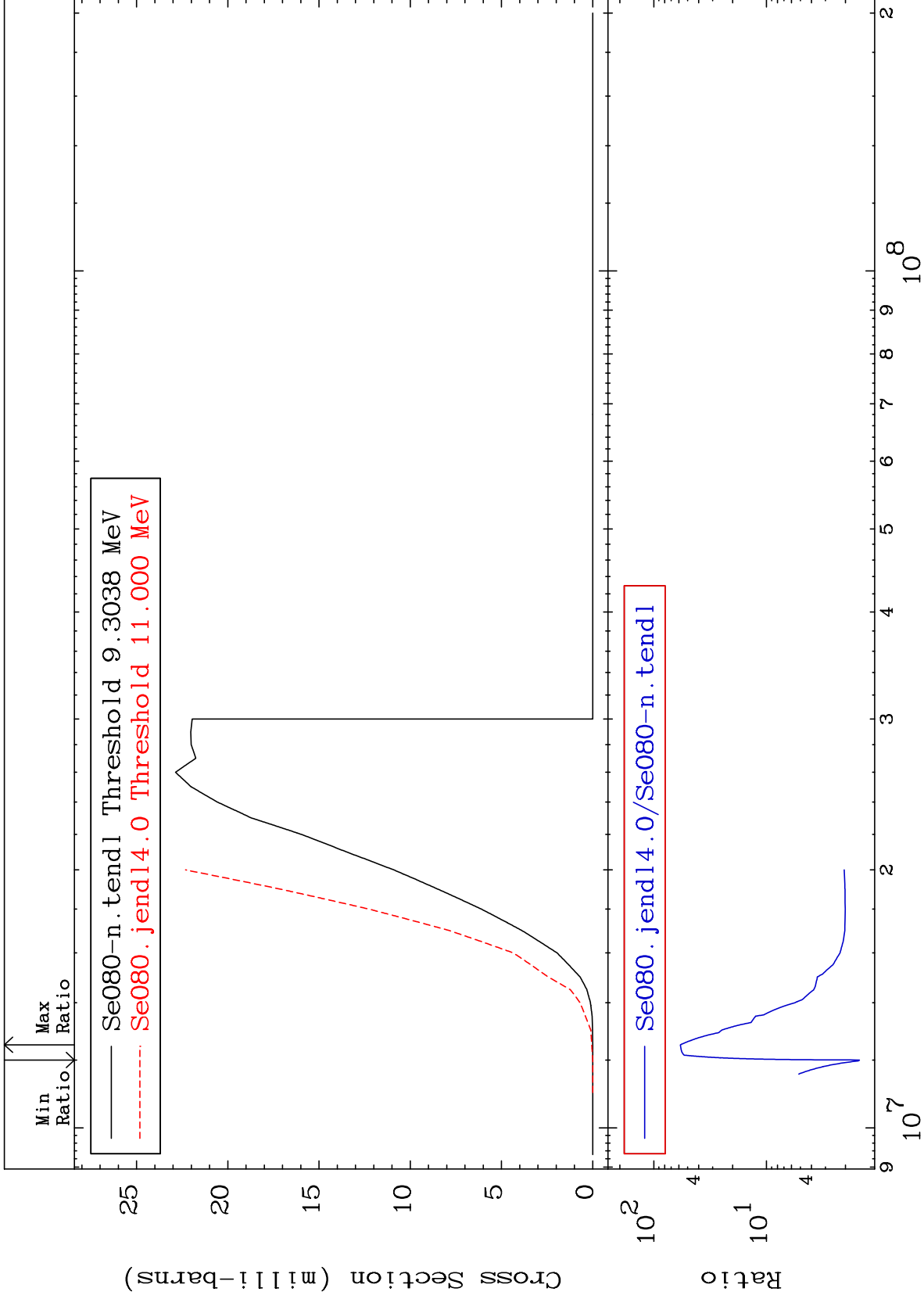
<sup>34</sup>Se-80



MAT 3443

(n, d)  
Cross Section

<sup>34</sup>Se-80  
50.04 To 5709. %



41

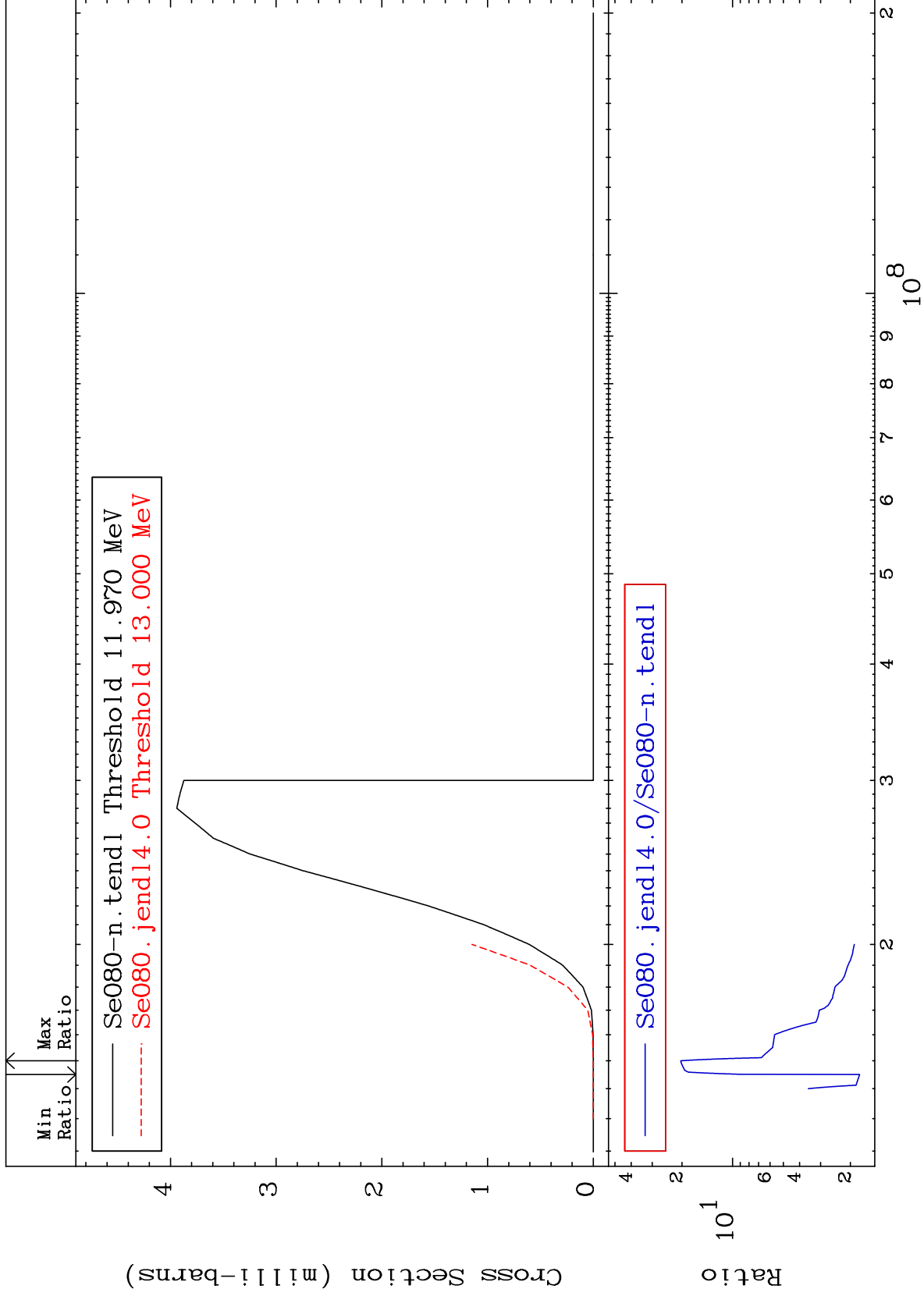
Incident Energy (eV)

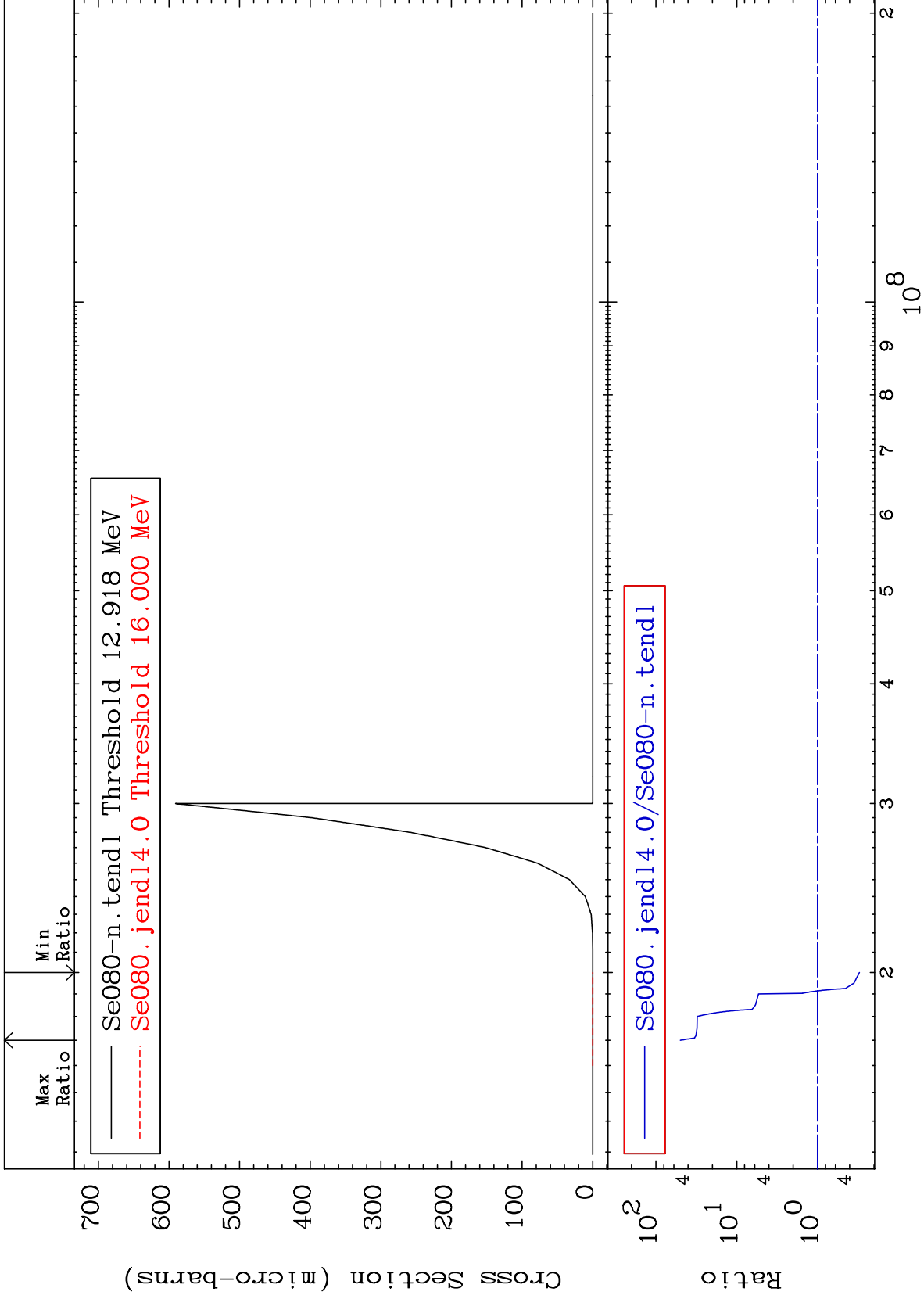
<sup>34</sup>Se-80

MAT 3443

(n, t)  
Cross Section

<sup>34</sup>Se-80  
76.21 To 1932. %



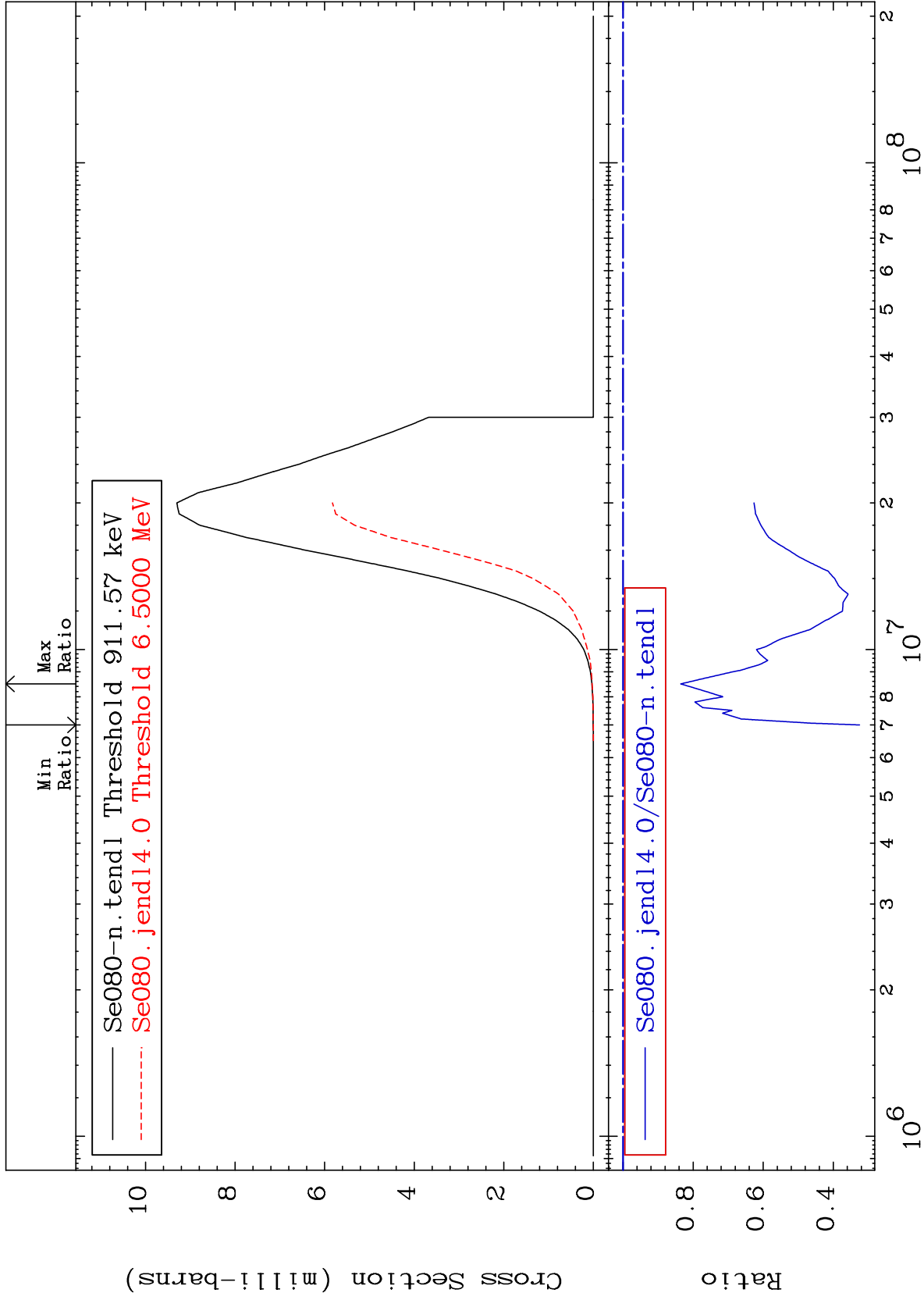


MAT 3443

<sup>34</sup>Se-80

-67.48 To -16.48%

(n, α)  
Cross Section



44

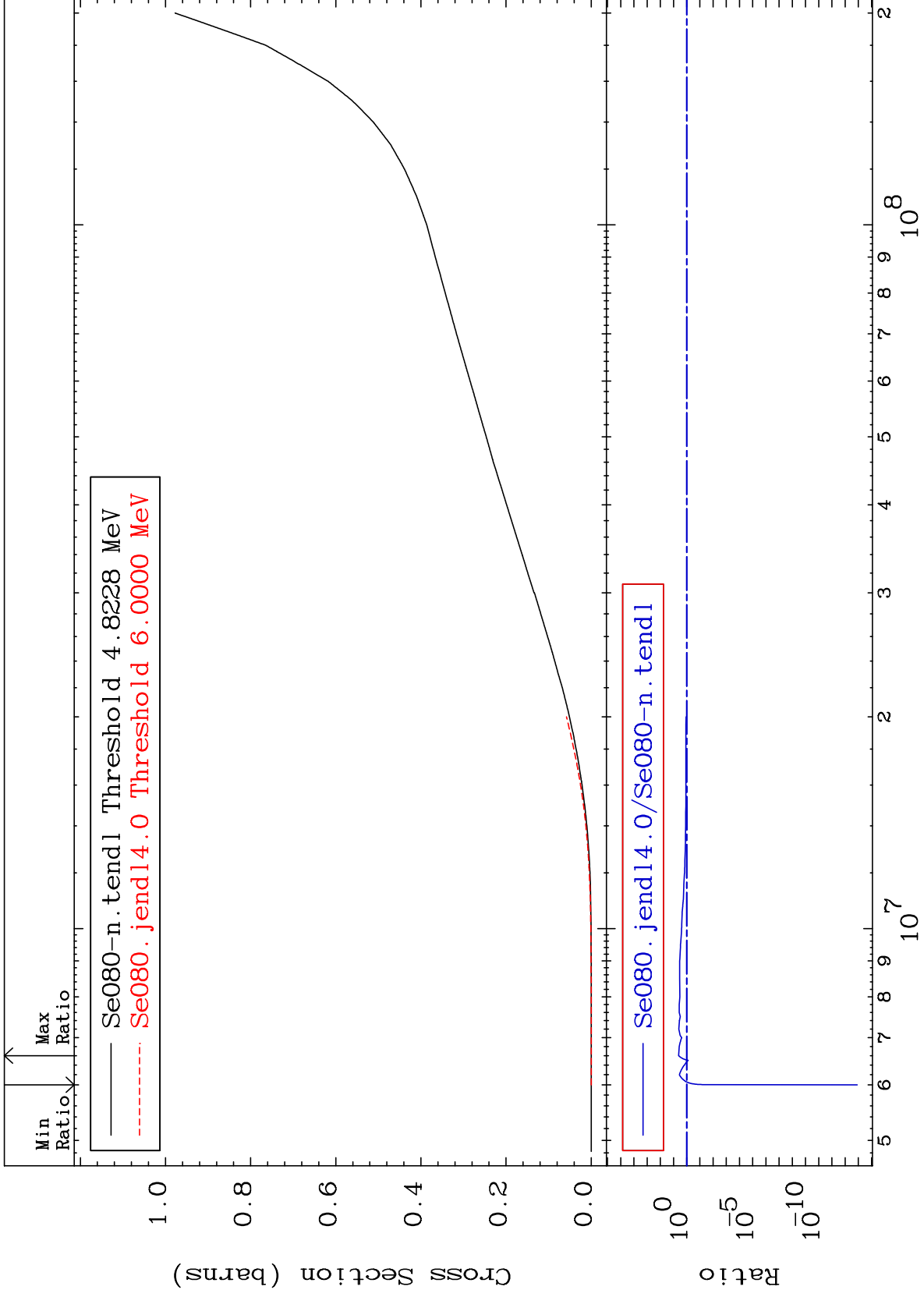
Incident Energy (eV)

<sup>34</sup>Se-80

MAT 3443

Hydrogen Production  
Cross Section

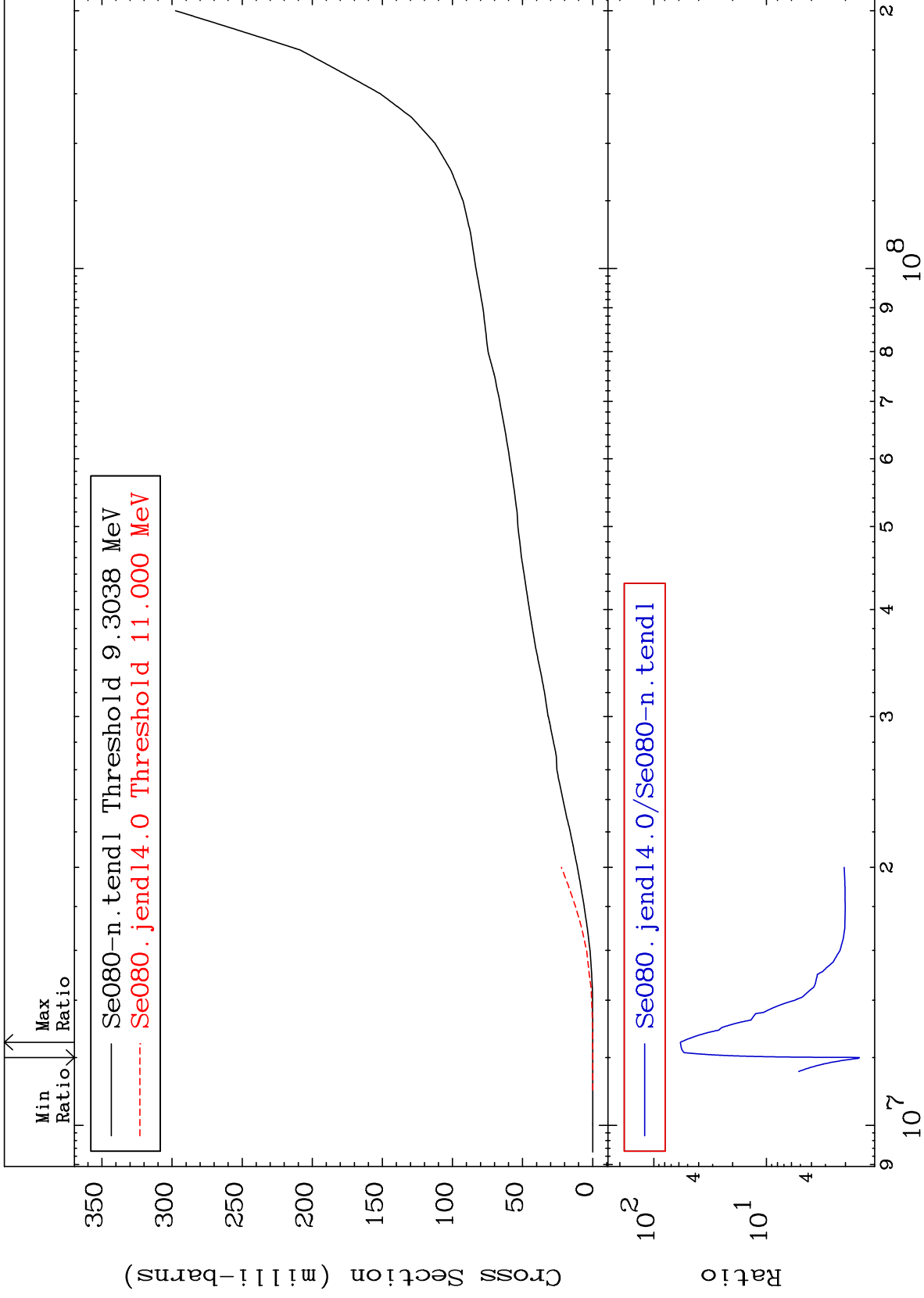
<sup>34</sup>Se-80  
-100.0 To 308.2 %



MAT 3443

Deuterium Production  
Cross Section

$^{34}\text{Se-80}$   
50.04 To 5709. %



46

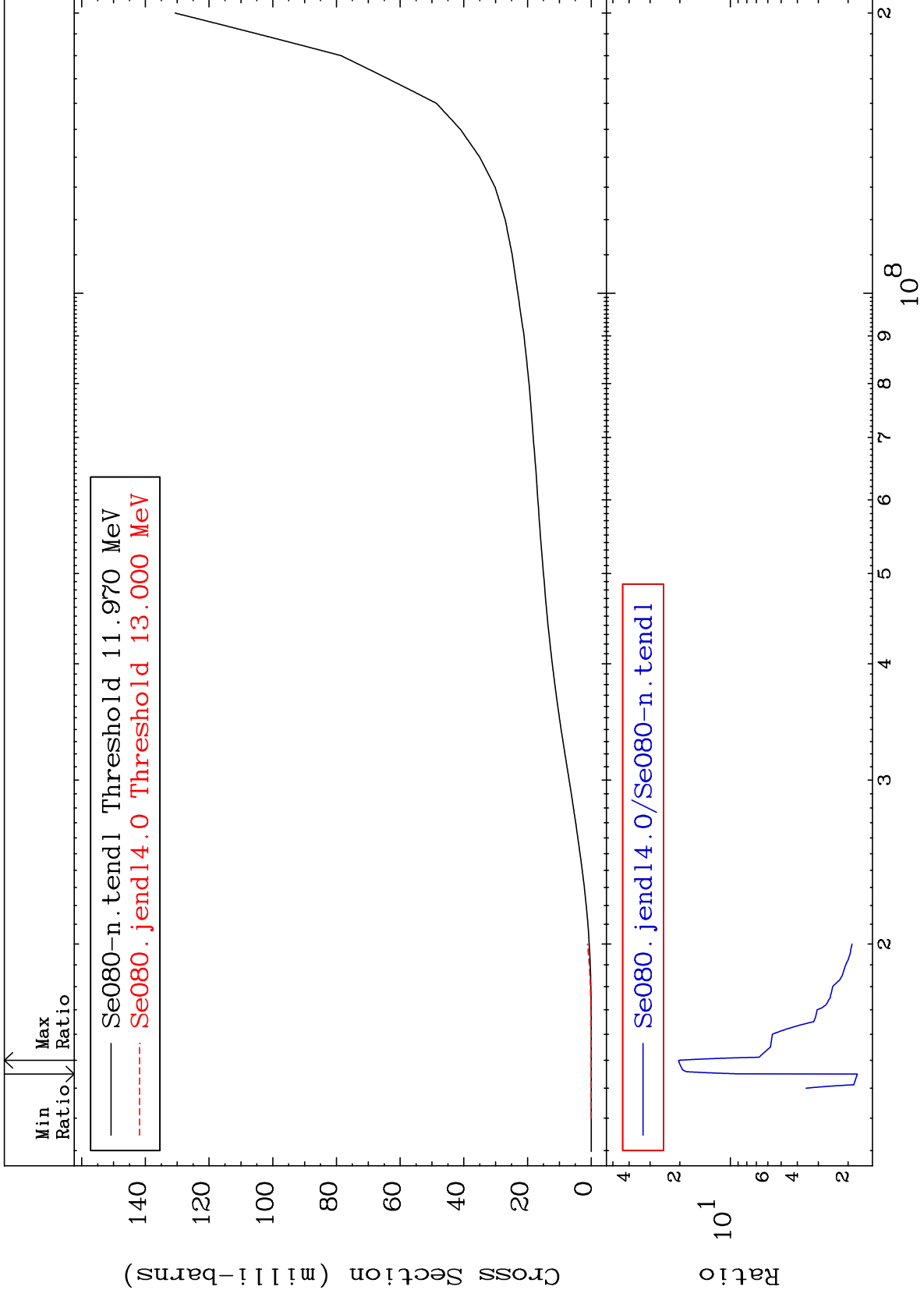
Incident Energy (eV)

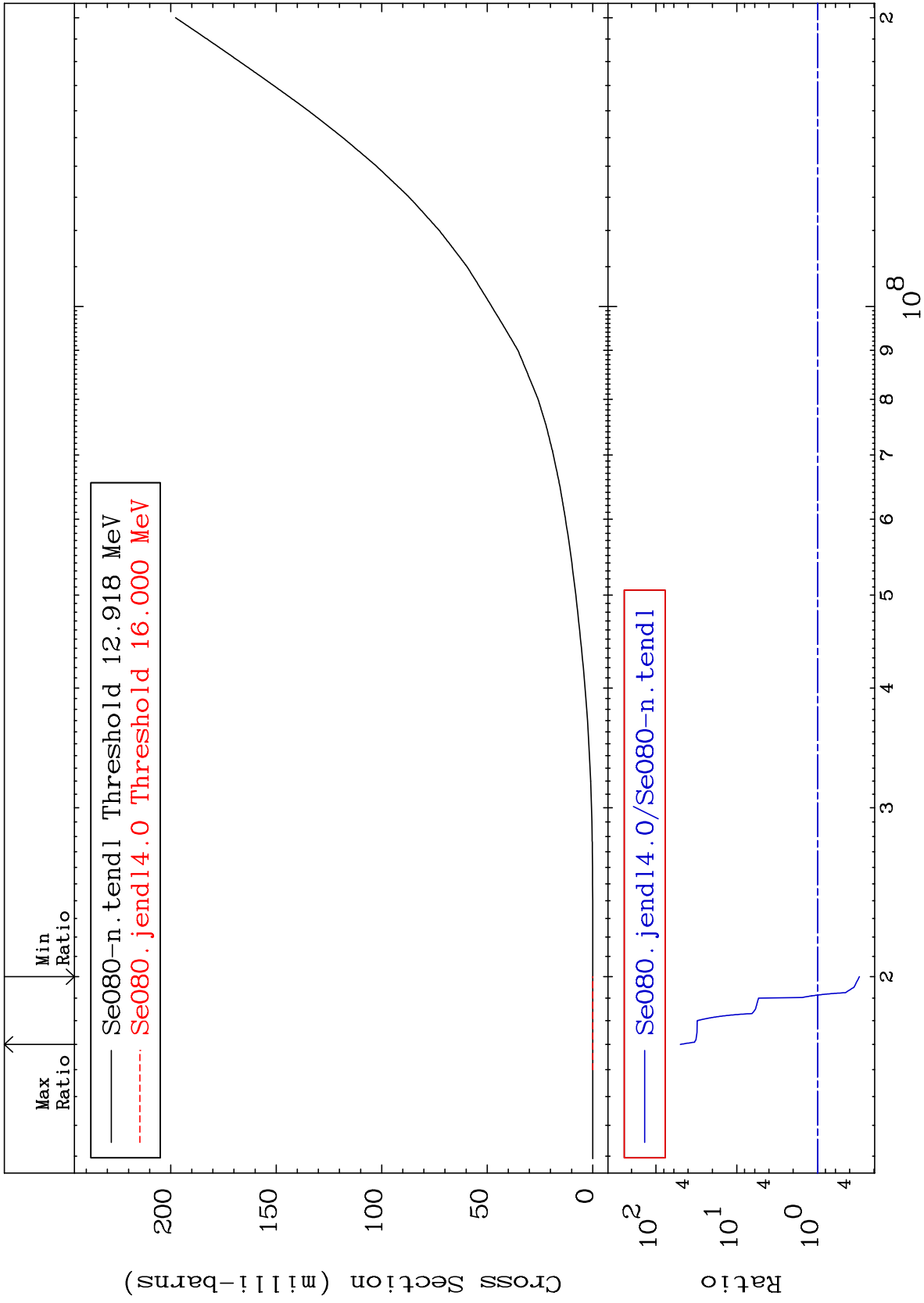
$^{34}\text{Se-80}$

MAT 3443

Tritium Production  
Cross Section

<sup>34</sup>Se-80  
76.21 To 1932. %



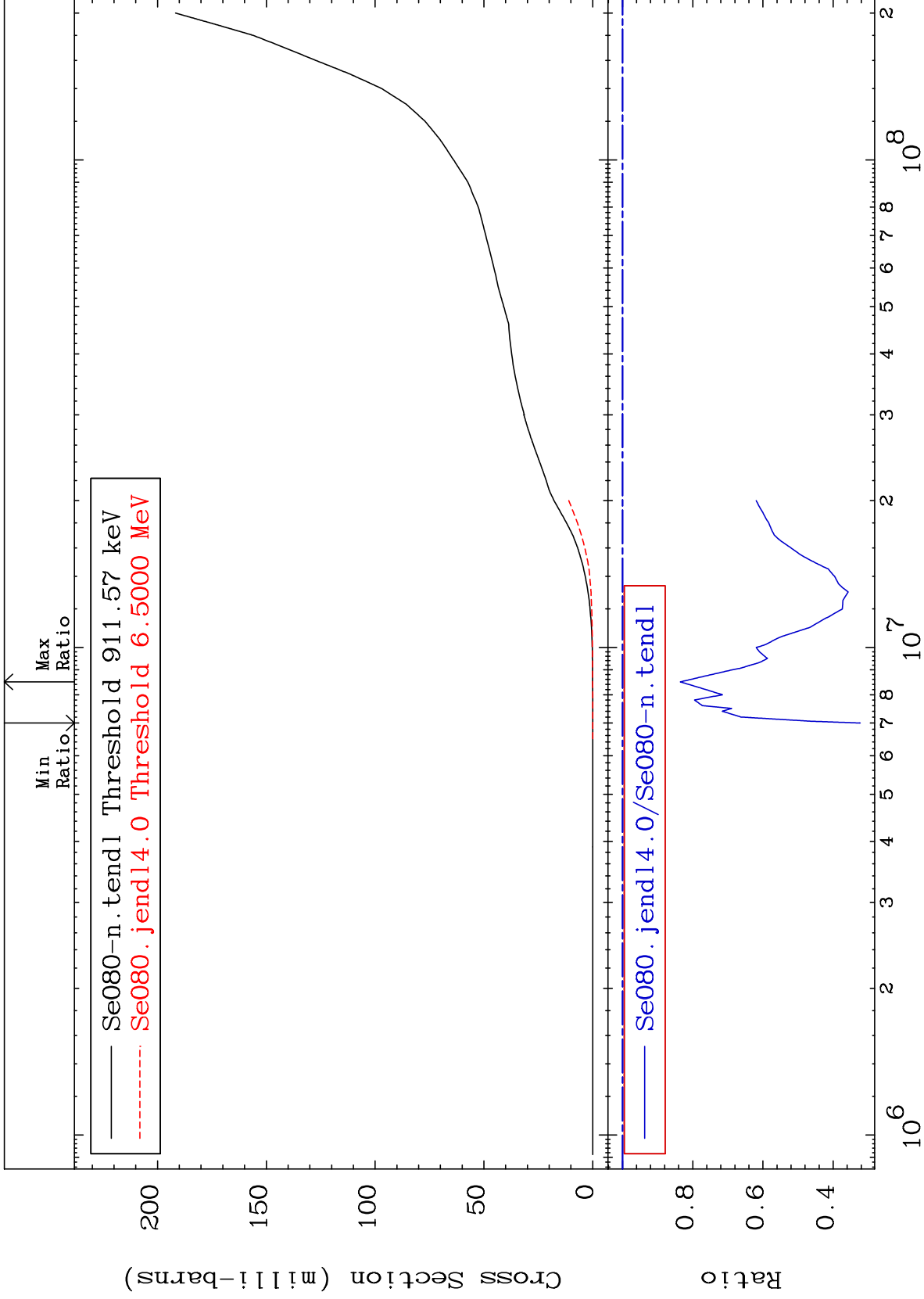




MAT 3443

He-4 Production  
Cross Section

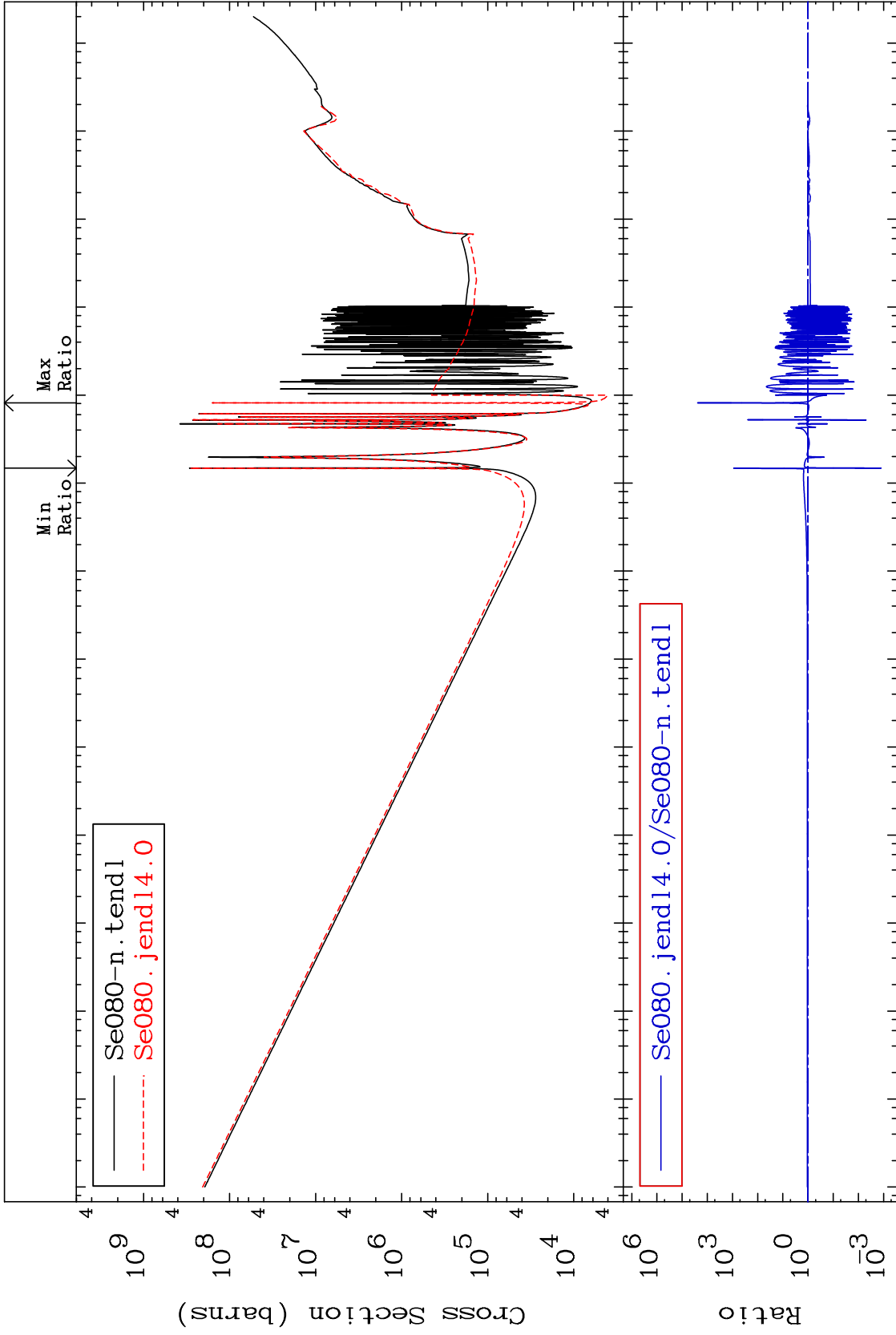
<sup>34</sup>Se-80  
-67.48 To -16.48%



49

Incident Energy (eV)

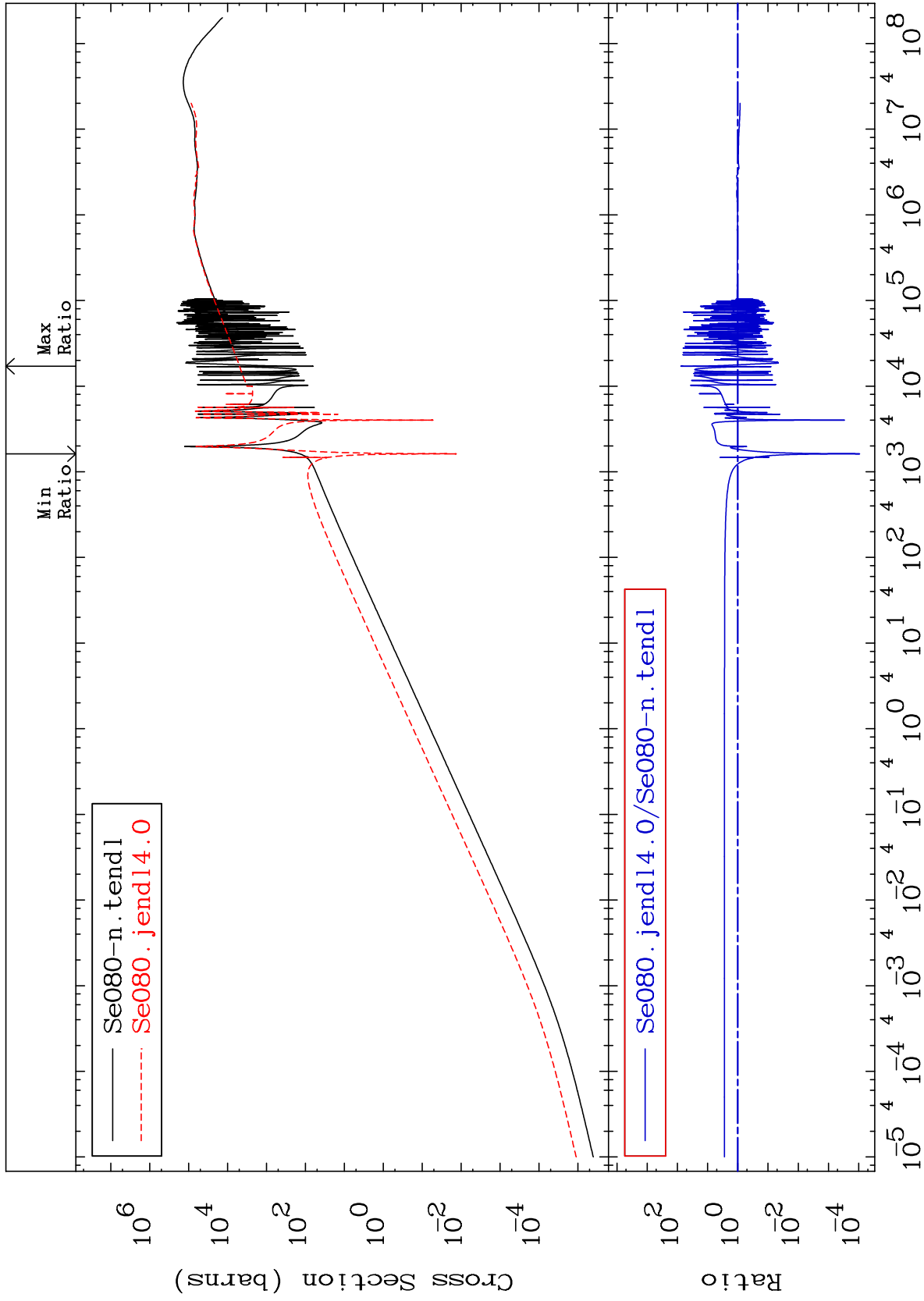
<sup>34</sup>Se-80

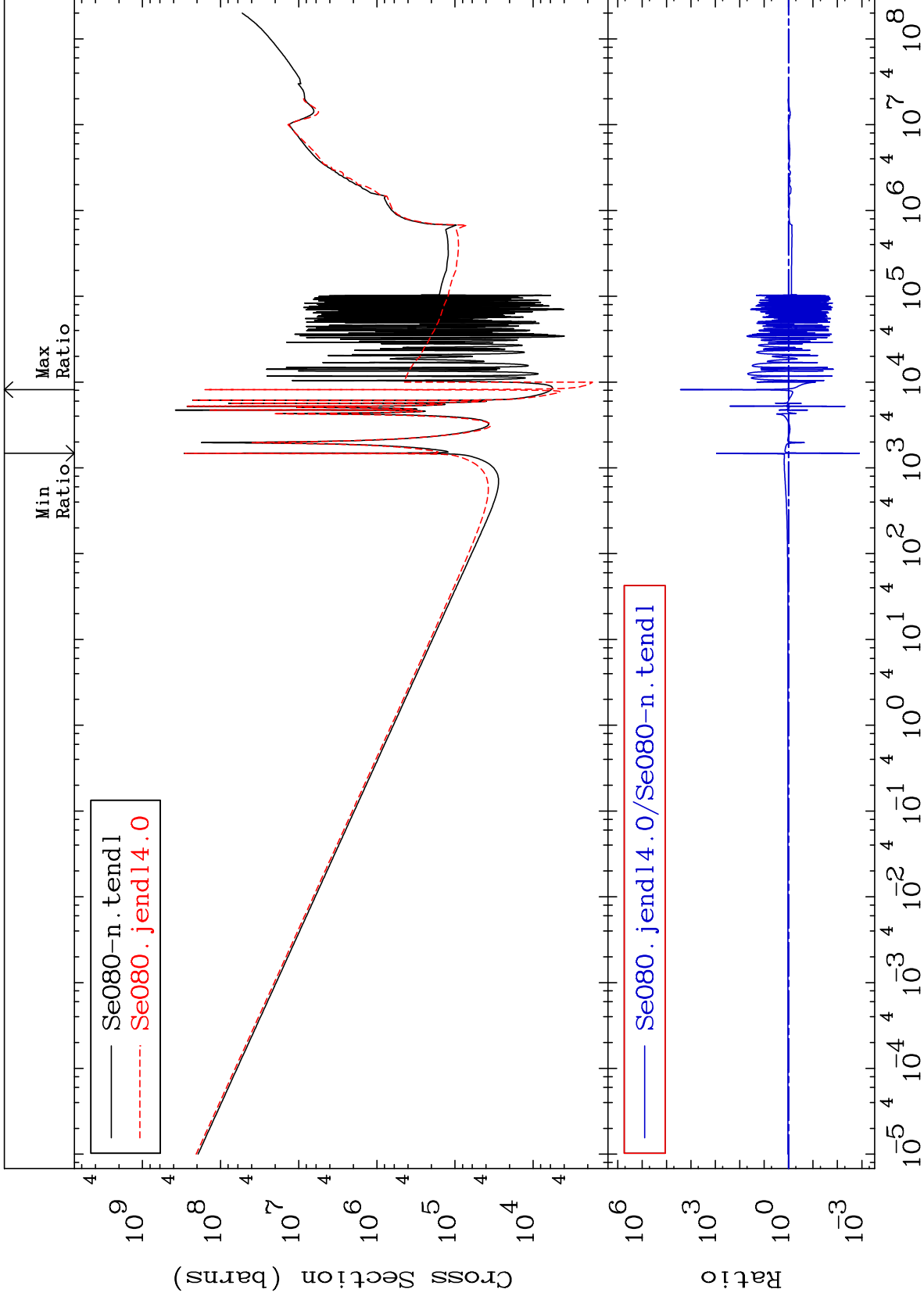


MAT 3443

Kerma elastic  
Cross Section

<sup>34</sup>Se-80  
-99.99 To 7616. %

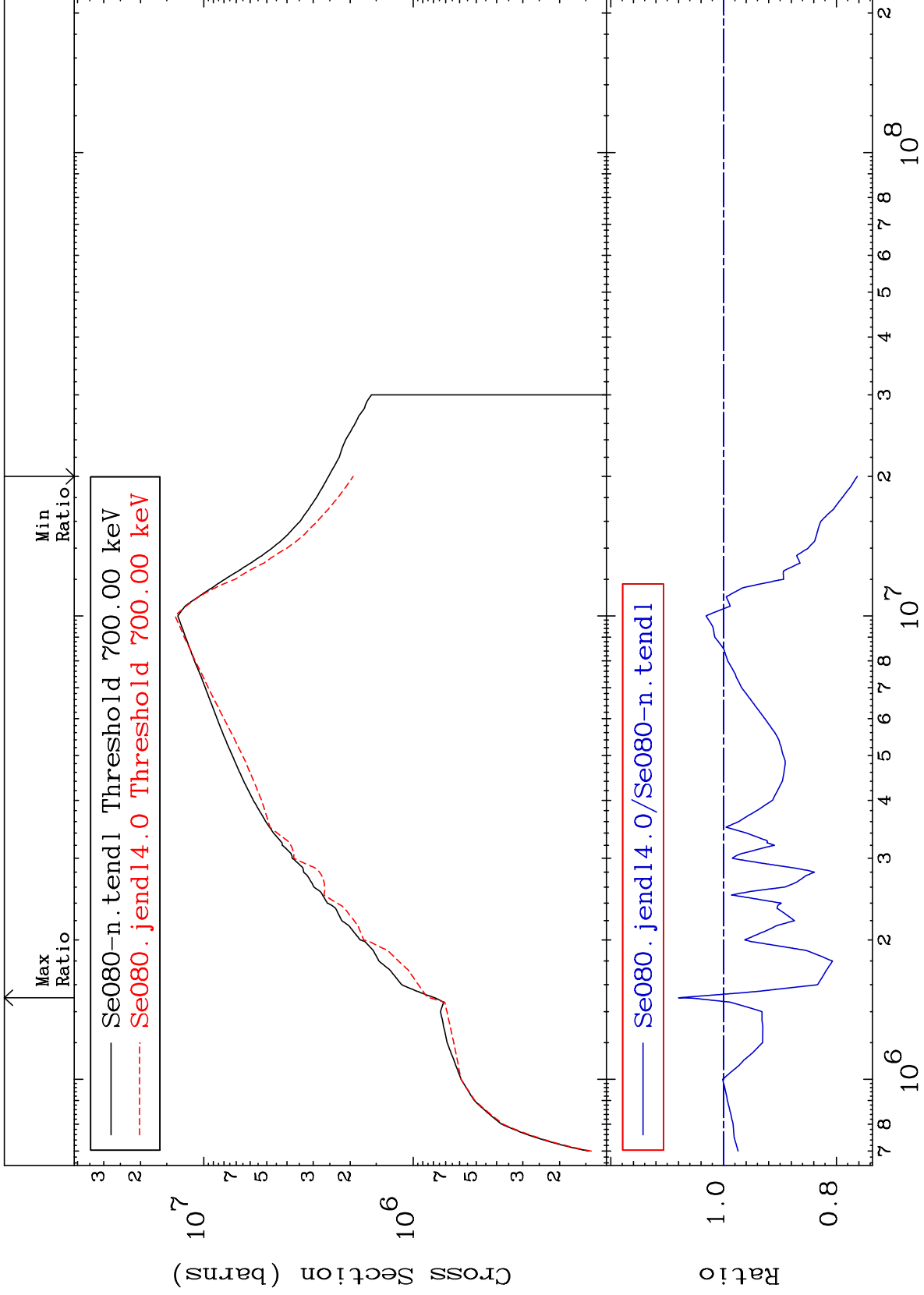




MAT 3443

Kerma inelastic (mt51-91)  
Cross Section

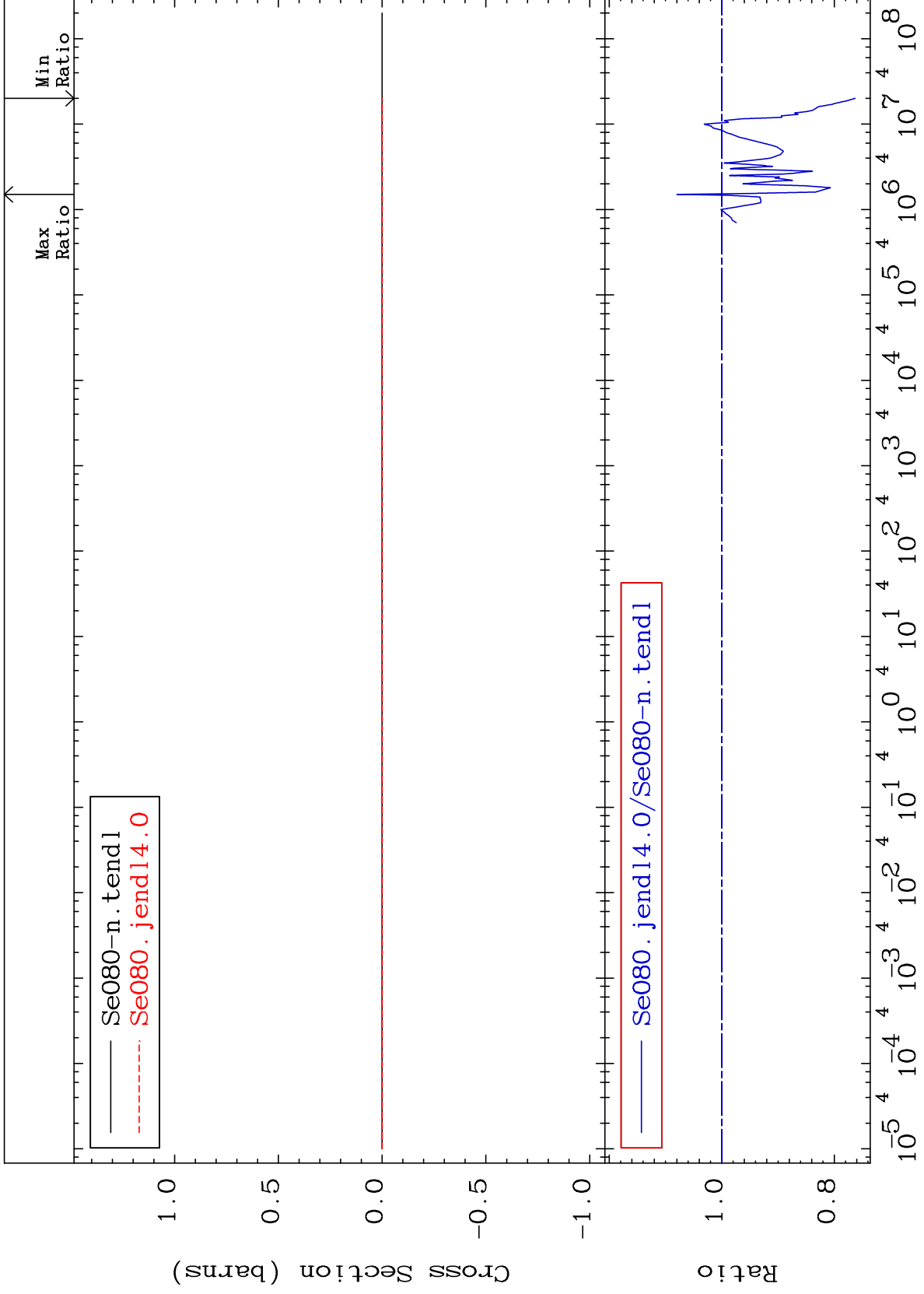
34-Se-80  
-23.71 To 7.981 %



MAT 3443

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

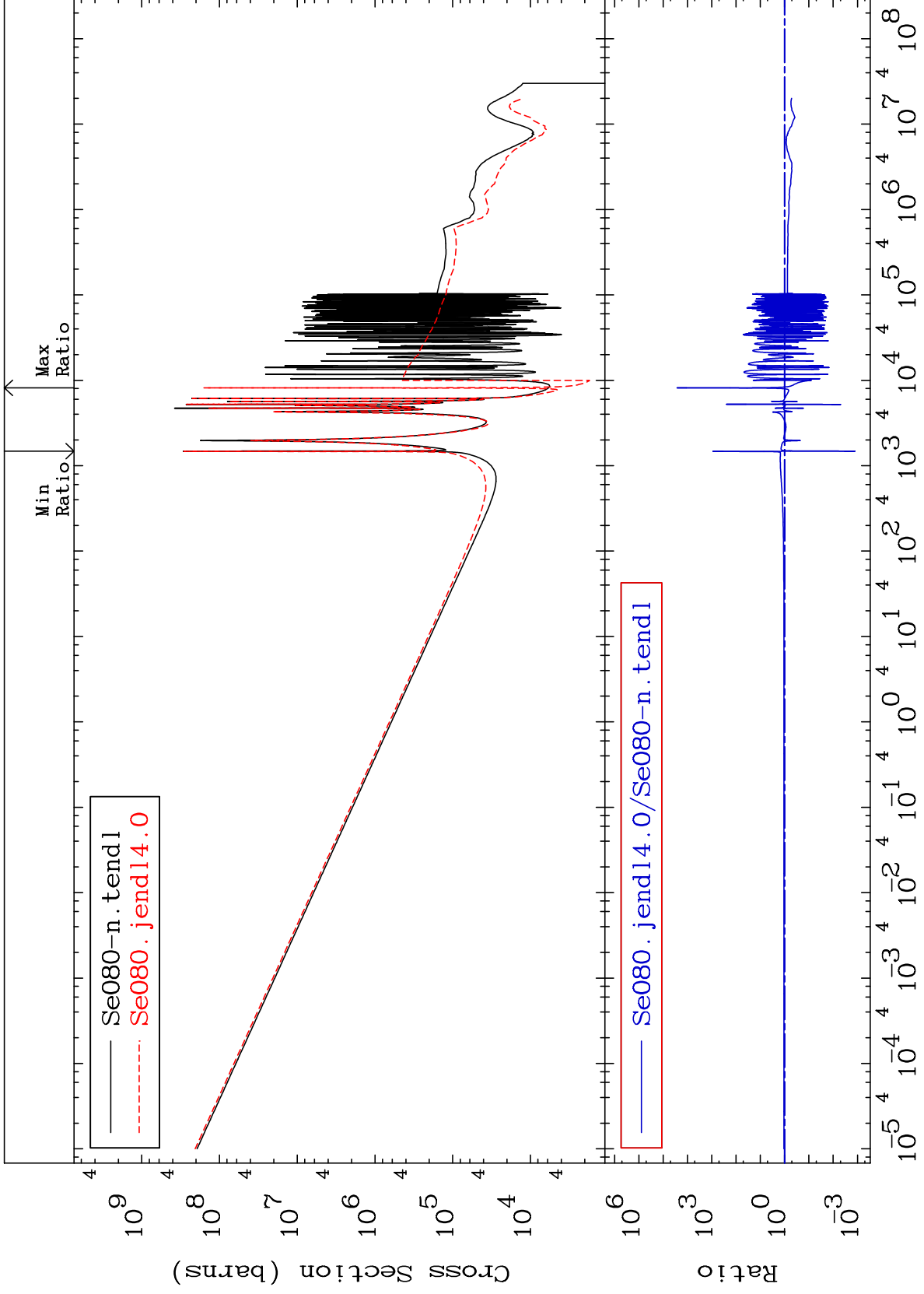
34-Se-80  
-23.71 To 7.981 %



MAT 3443

Kerma capture (mt102)  
Cross Section

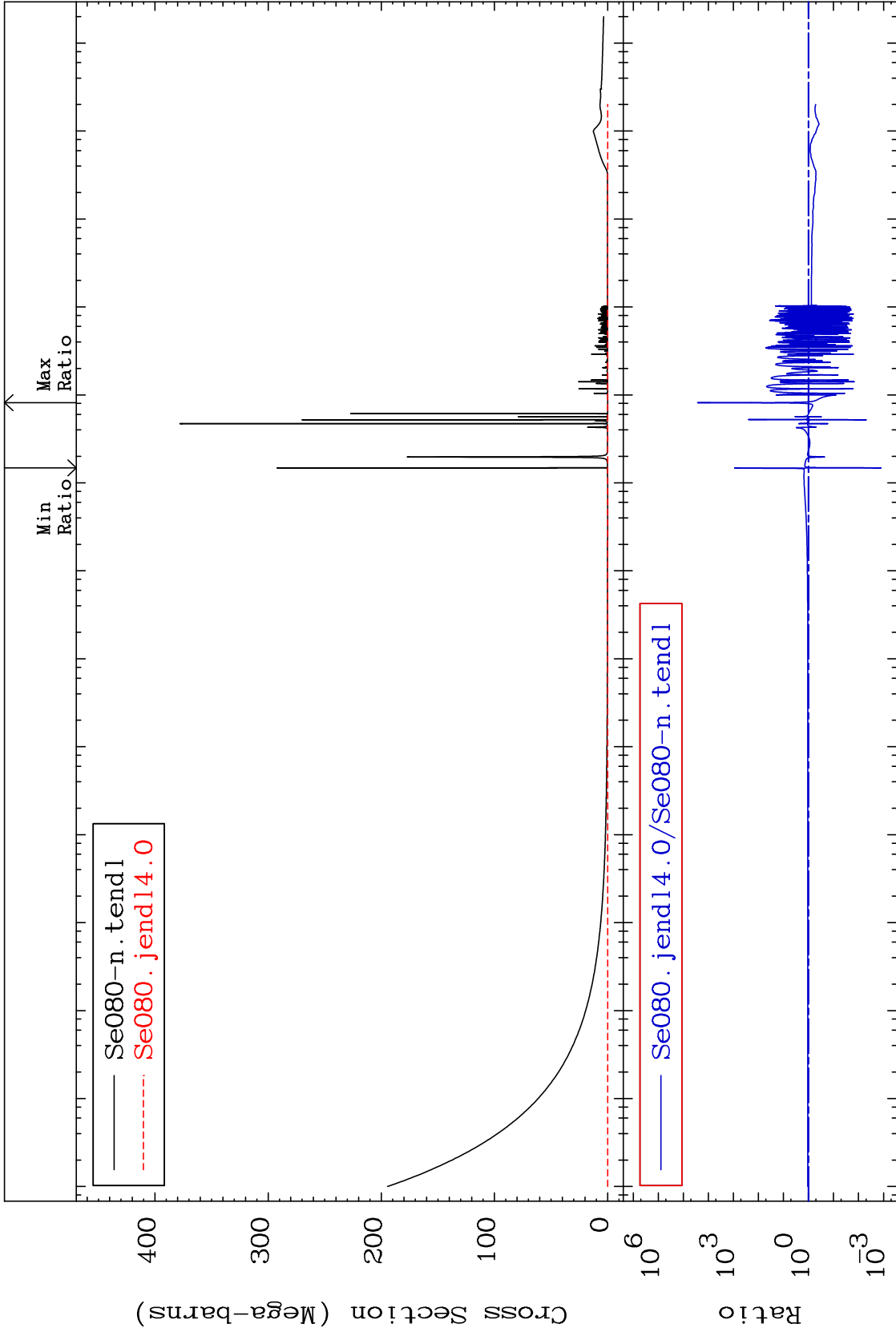
<sup>34</sup>Se-80  
-99.87 To 9999. %



MAT 3443

Total photon (eV-barns)  
Cross Section

34-Se-80  
-99.87 To 9999. %

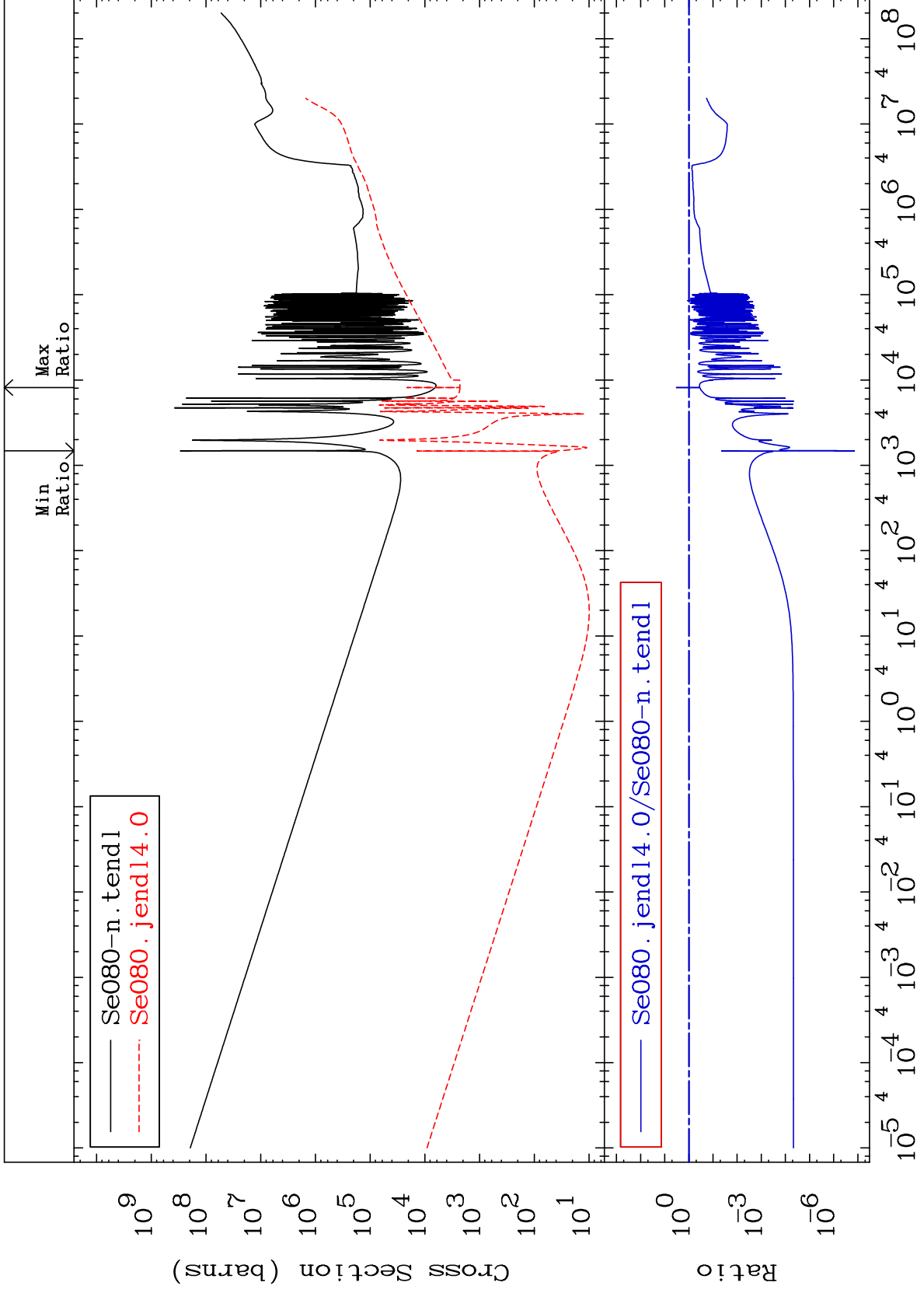




MAT 3443

Total kinematic kerma (high limit)  
Cross Section

34-Se-80  
-100.0 To 230.1 %



57

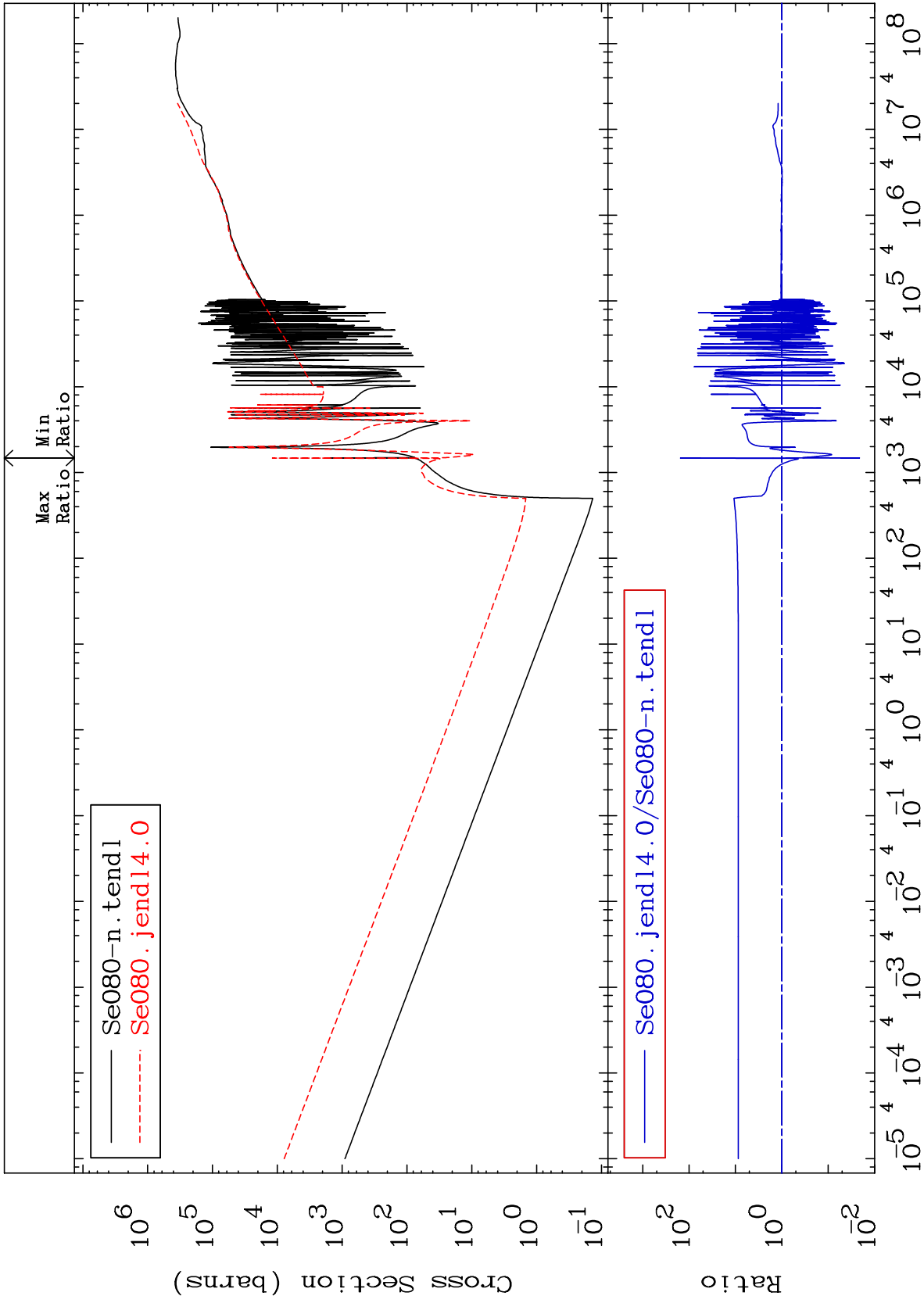
Incident Energy (eV)

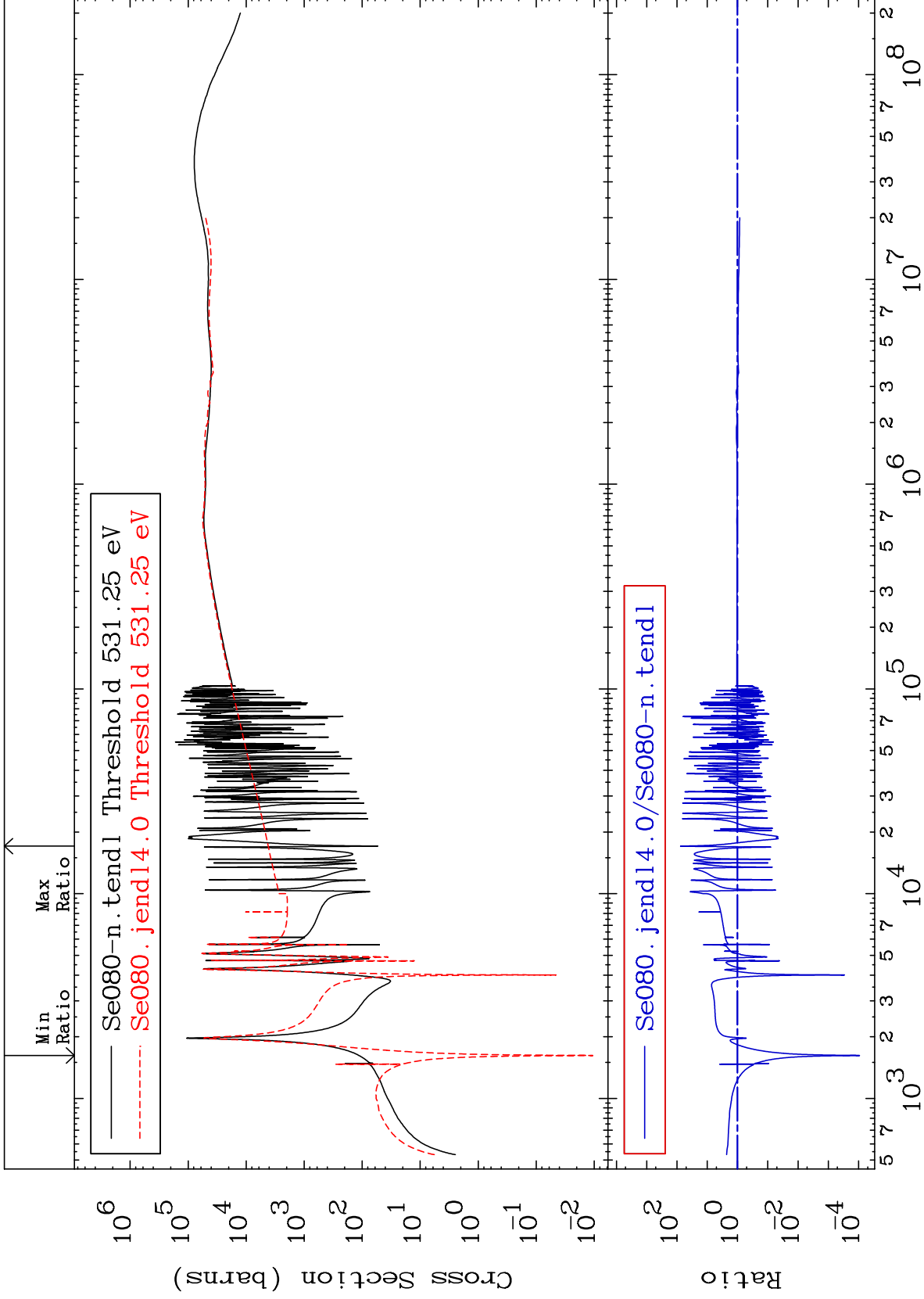
34-Se-80

MAT 3443

Dpa total (eV-barns)  
Cross Section

34-Se-80  
-97.88 To 9999. %

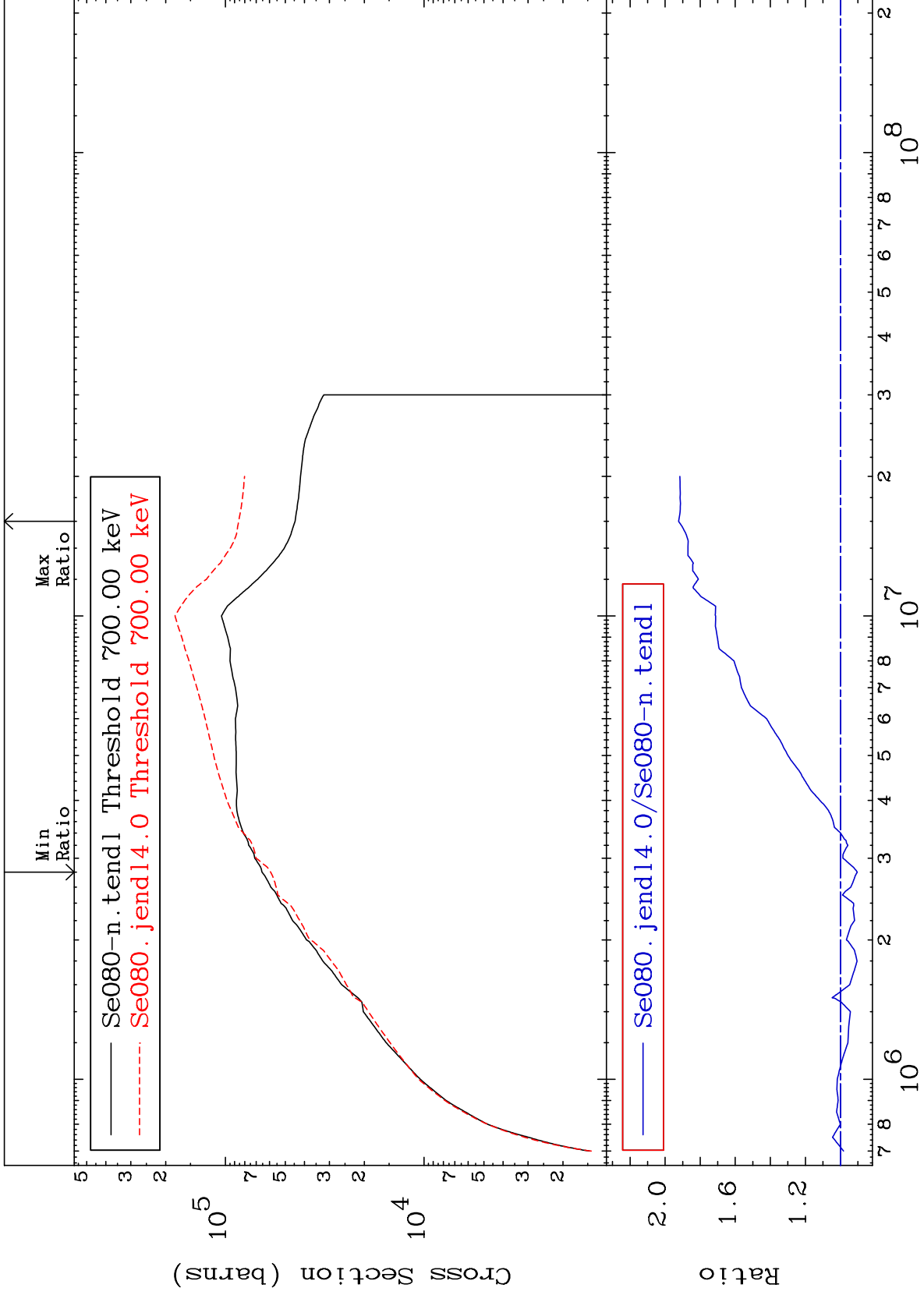




MAT 3443

Dpa inelastic (mt51-91)  
Cross Section

34-Se-80  
-9.598 To 92.29 %



60

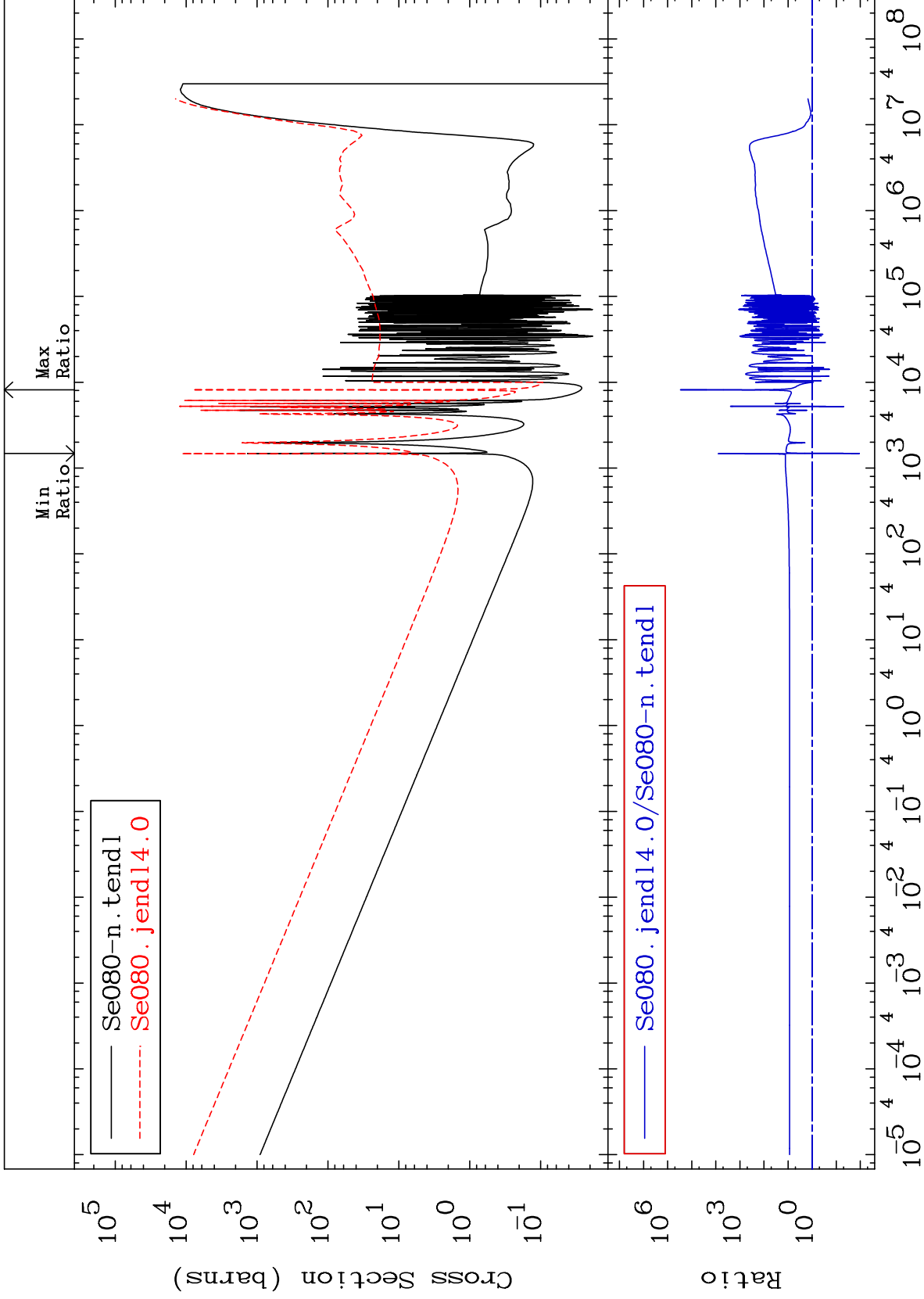
Incident Energy (eV)

34-Se-80

MAT 3443

Dpa disappearance (mt102 -120)  
Cross Section

34-Se-80  
-98.91 To 9999. %



61

Incident Energy (eV)

34-Se-80