

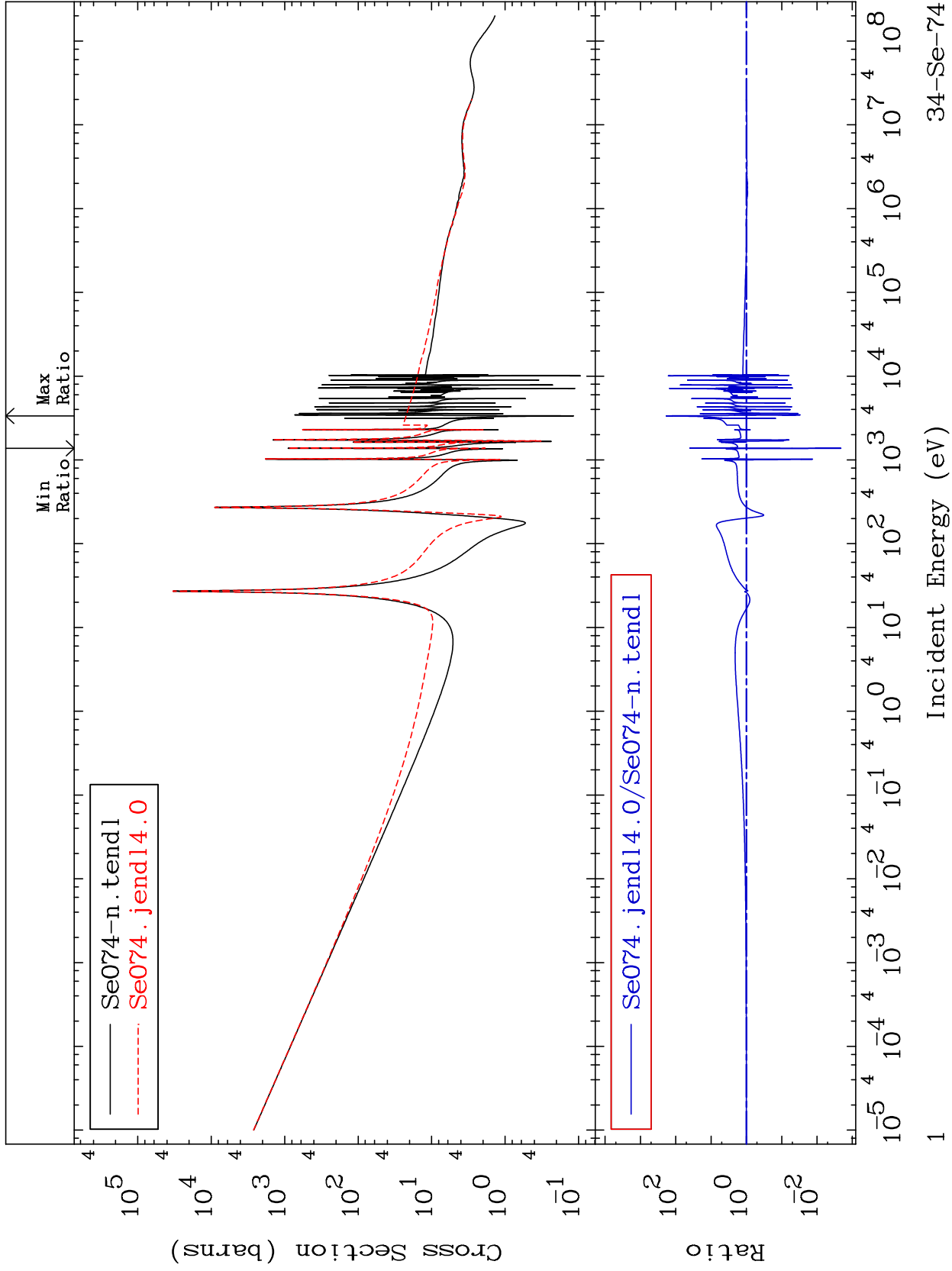
MAT 3425

Total

<sup>34</sup>Se-74

Cross Section

-99.79 To 9999. %



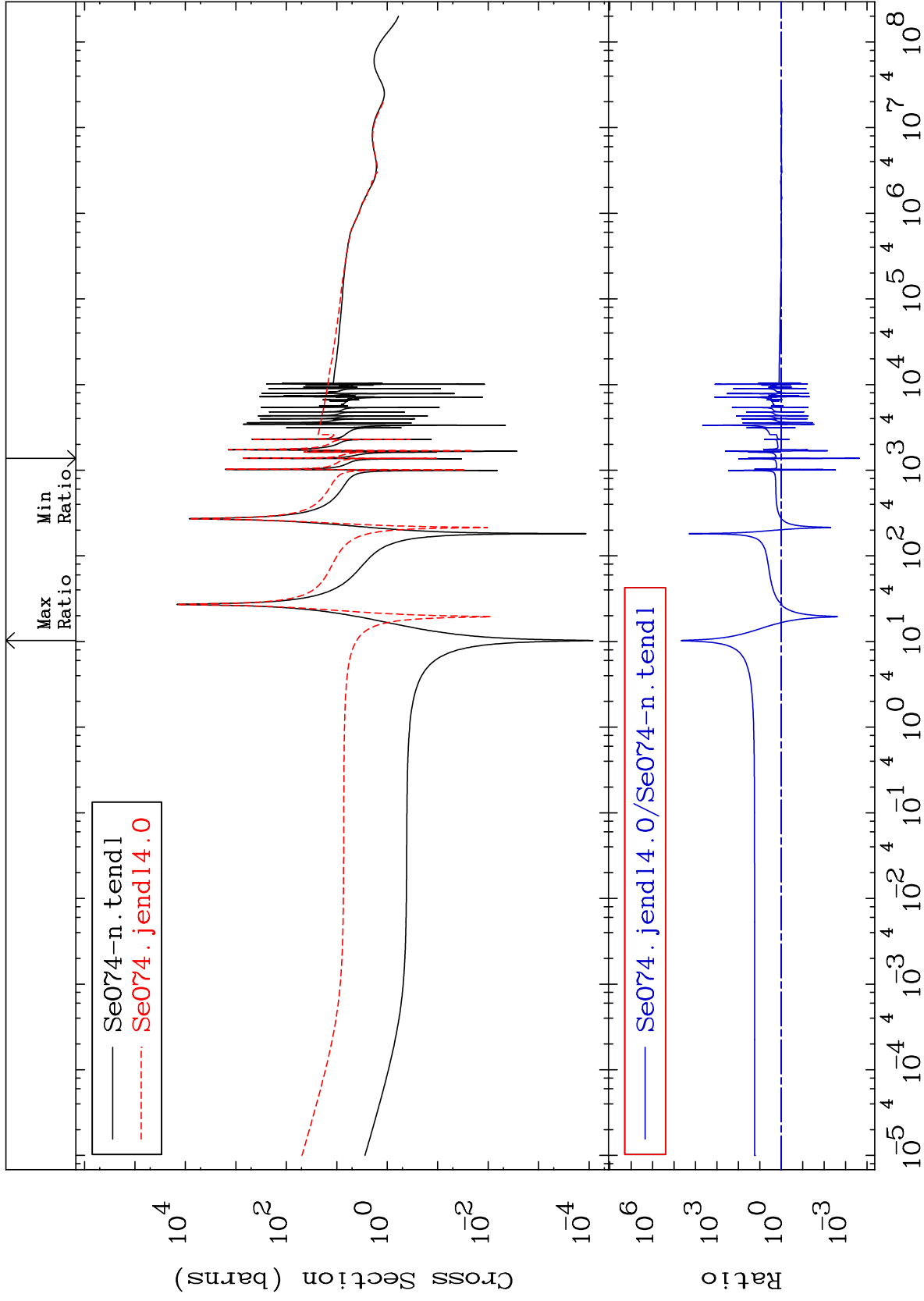
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

Elastic Cross Section

34-Se-74  
-99.98 To 9999. %

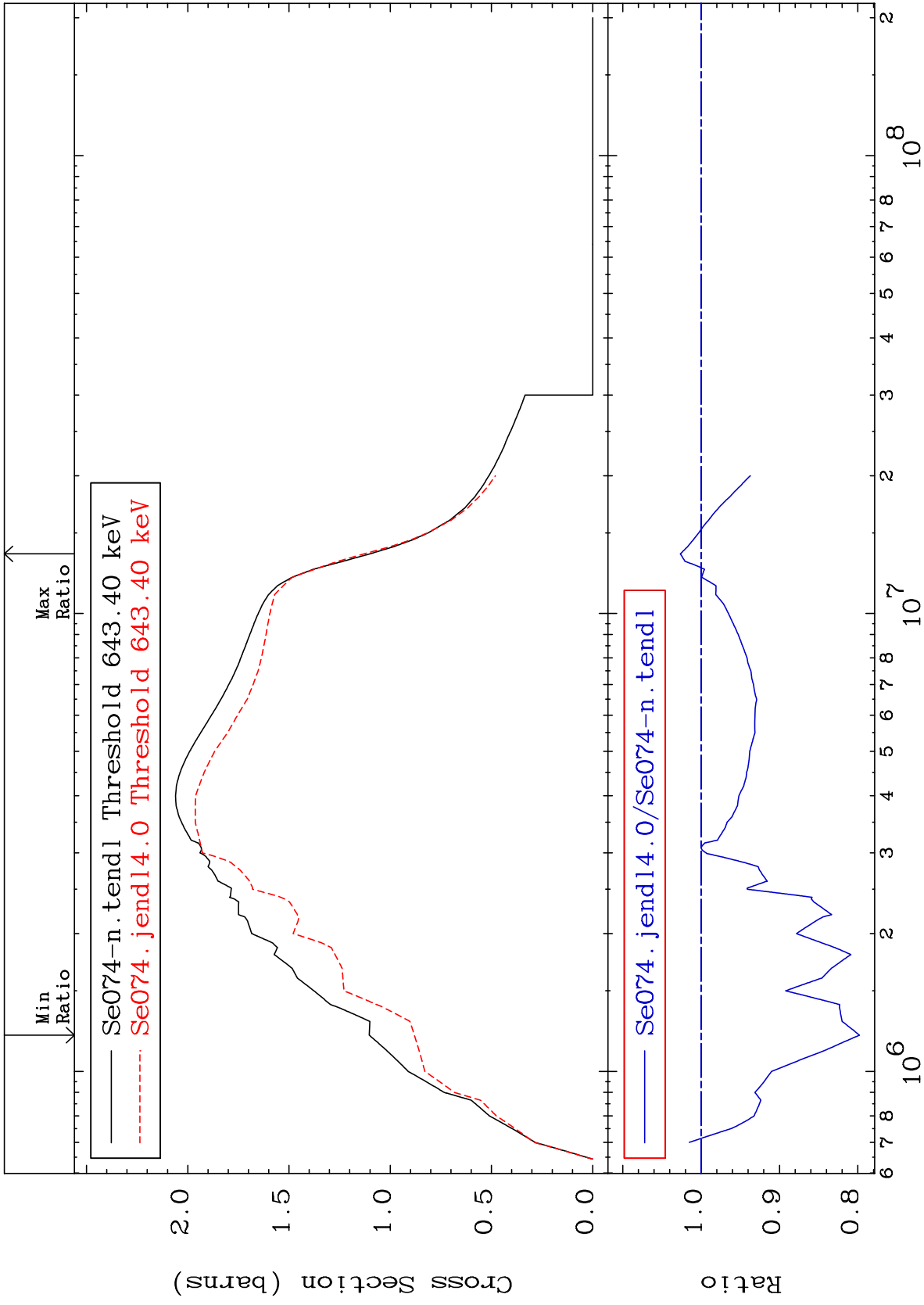


MAT 3425

<sup>34</sup>Se-74

-20.20 To 2.647 %

Inelastic  
Cross Section



3

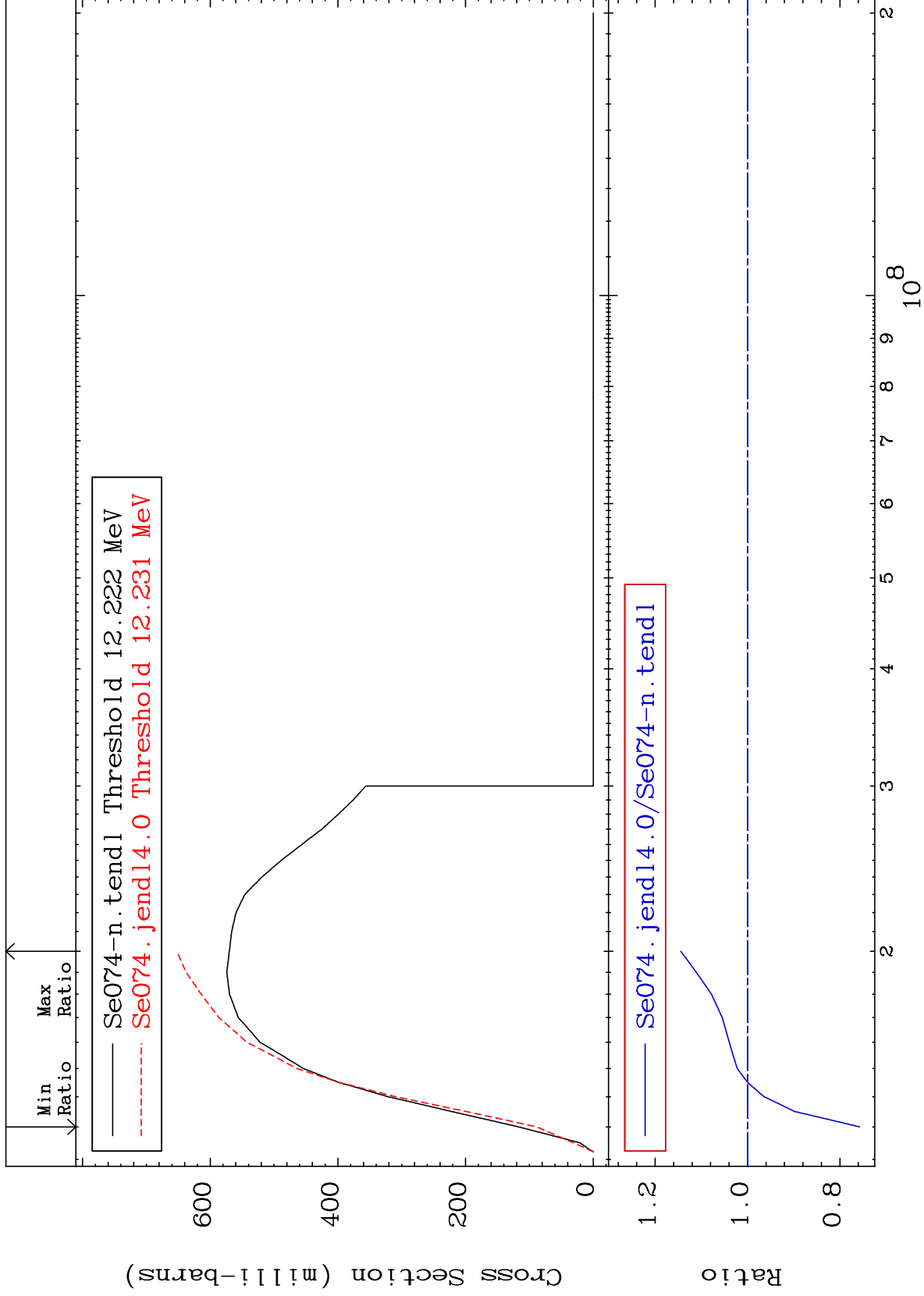
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

(n,2n)  
Cross Section

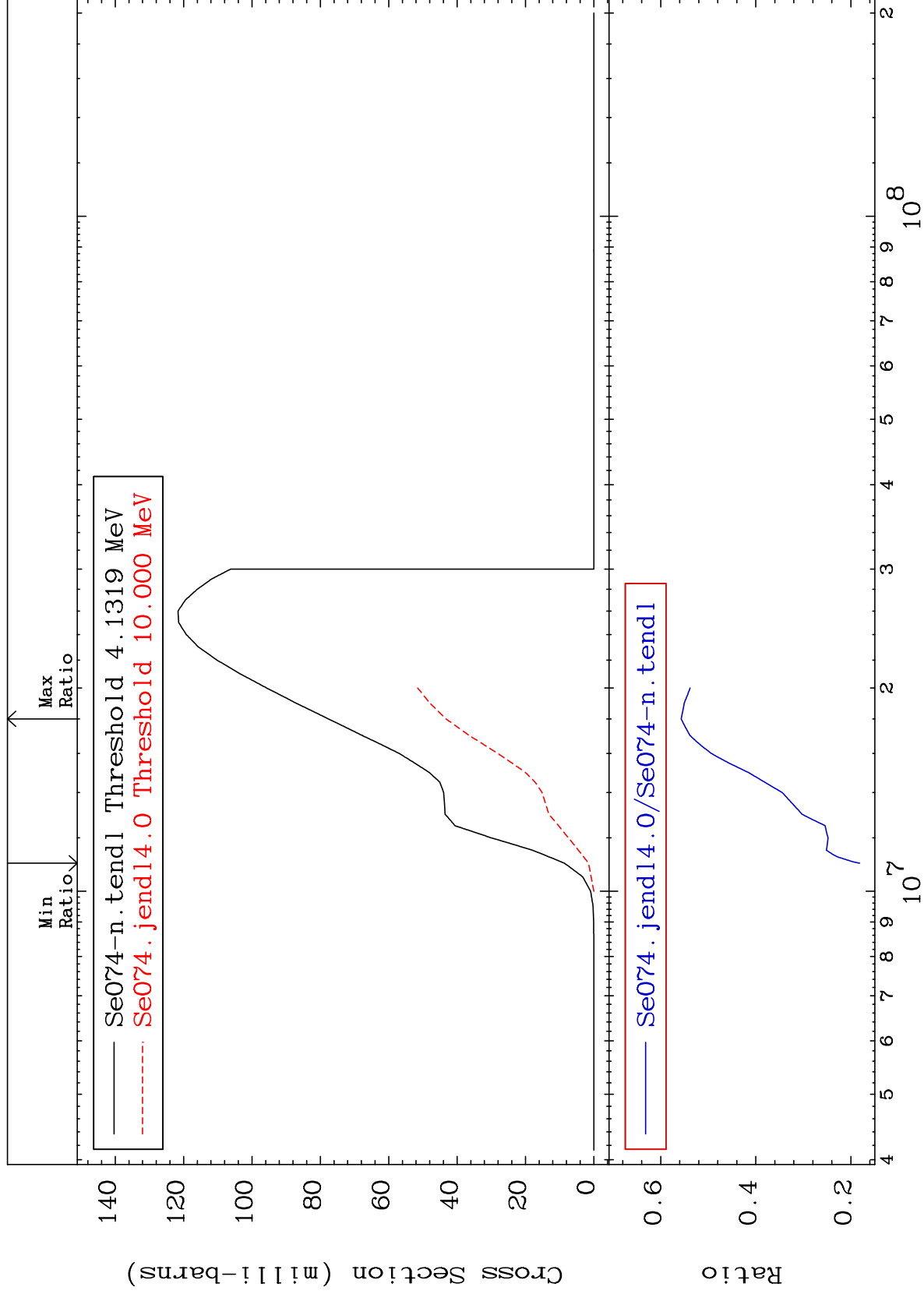
<sup>34</sup>Se-74  
-24.26 To 14.45 %



MAT 3425

$^{34}\text{Se-74}$

$(n, n') \alpha$   
Cross Section  
-81.84 To -44.30%



$^{34}\text{Se-74}$

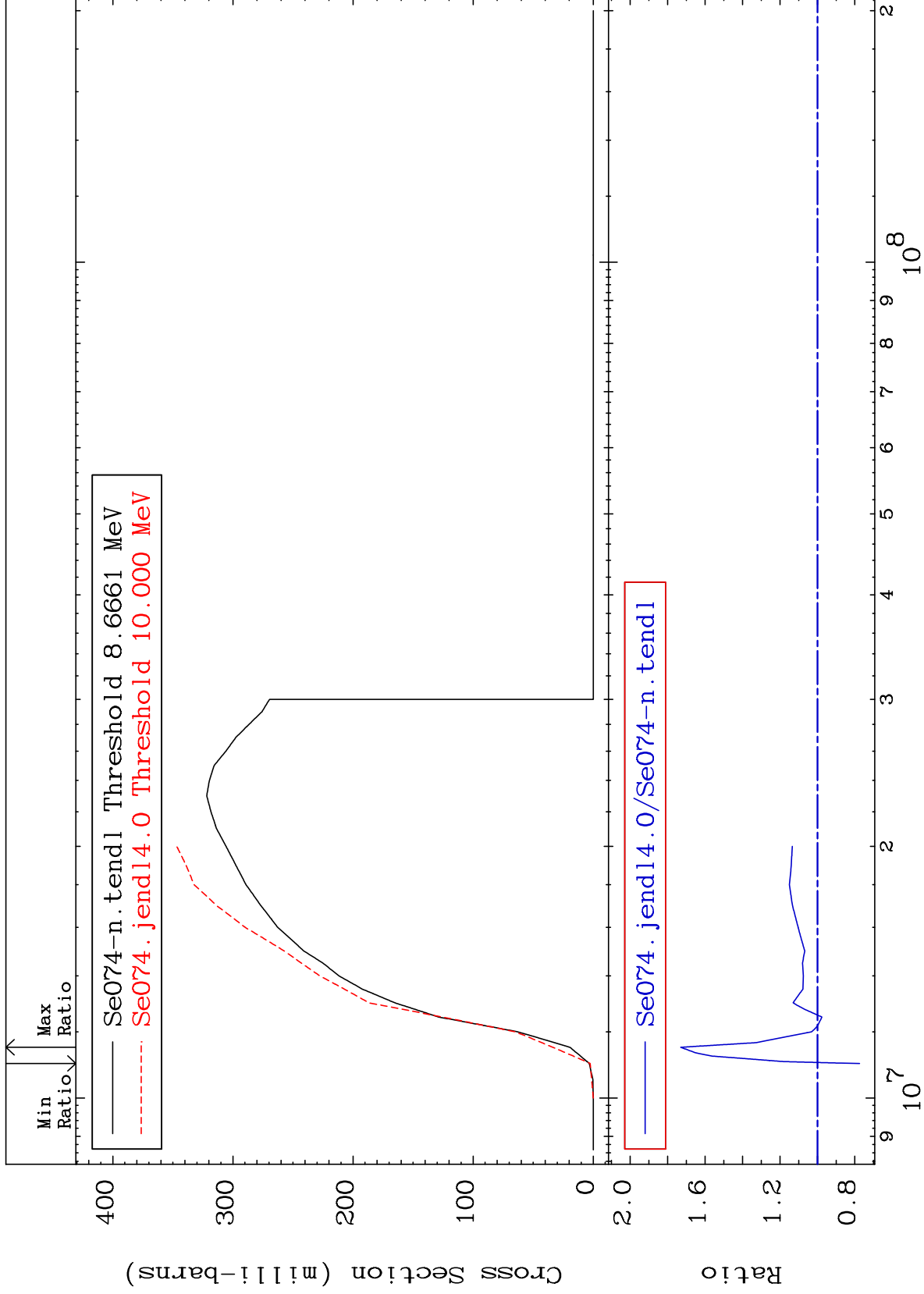
Incident Energy (eV)

5

MAT 3425

(n,n') p  
Cross Section

<sup>34</sup>Se-74  
-22.51 To 72.98 %



6

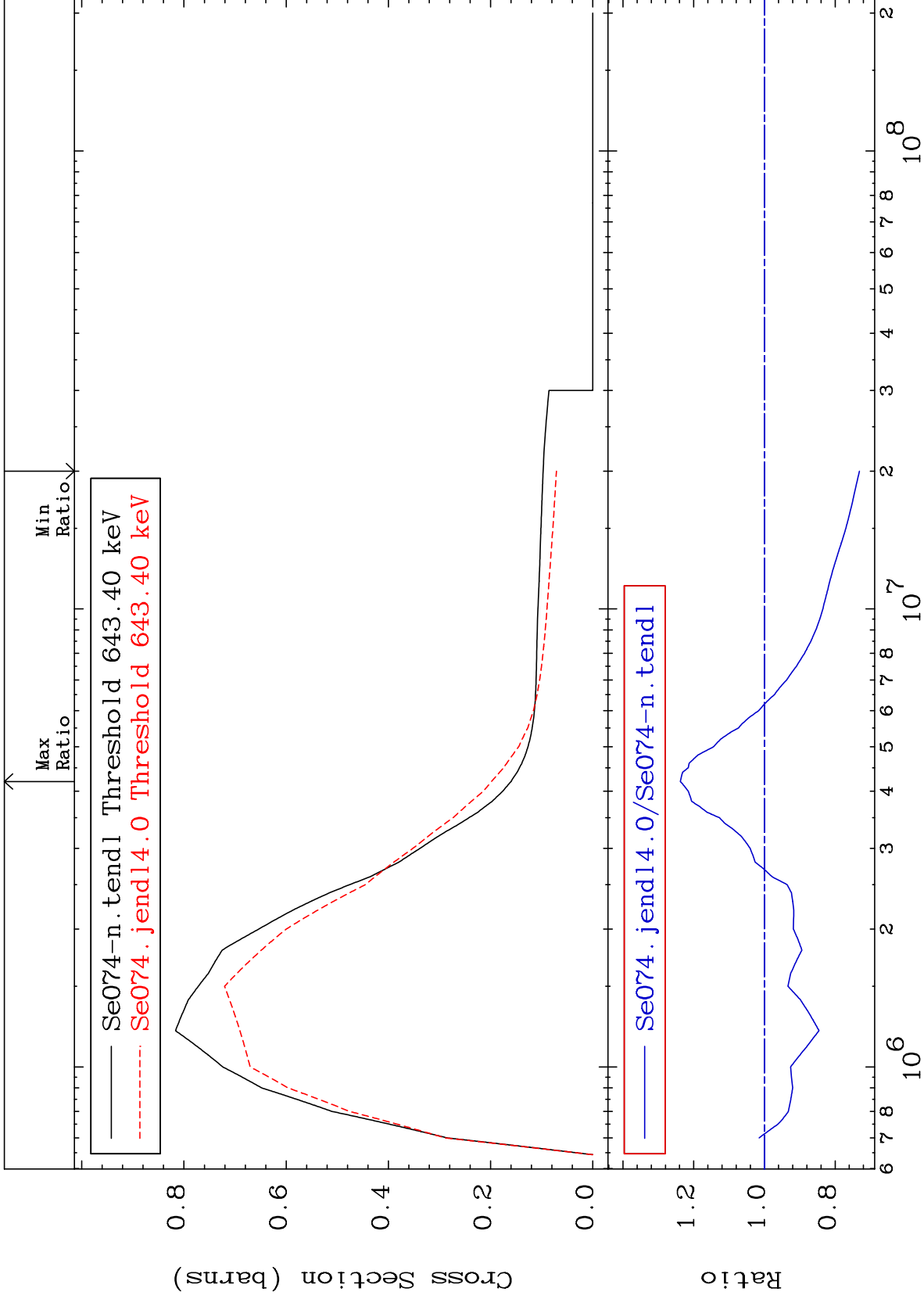
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

634.7 keV (n,n') Level  
Cross Section

34-Se-74  
-26.87 To 23.78 %



7

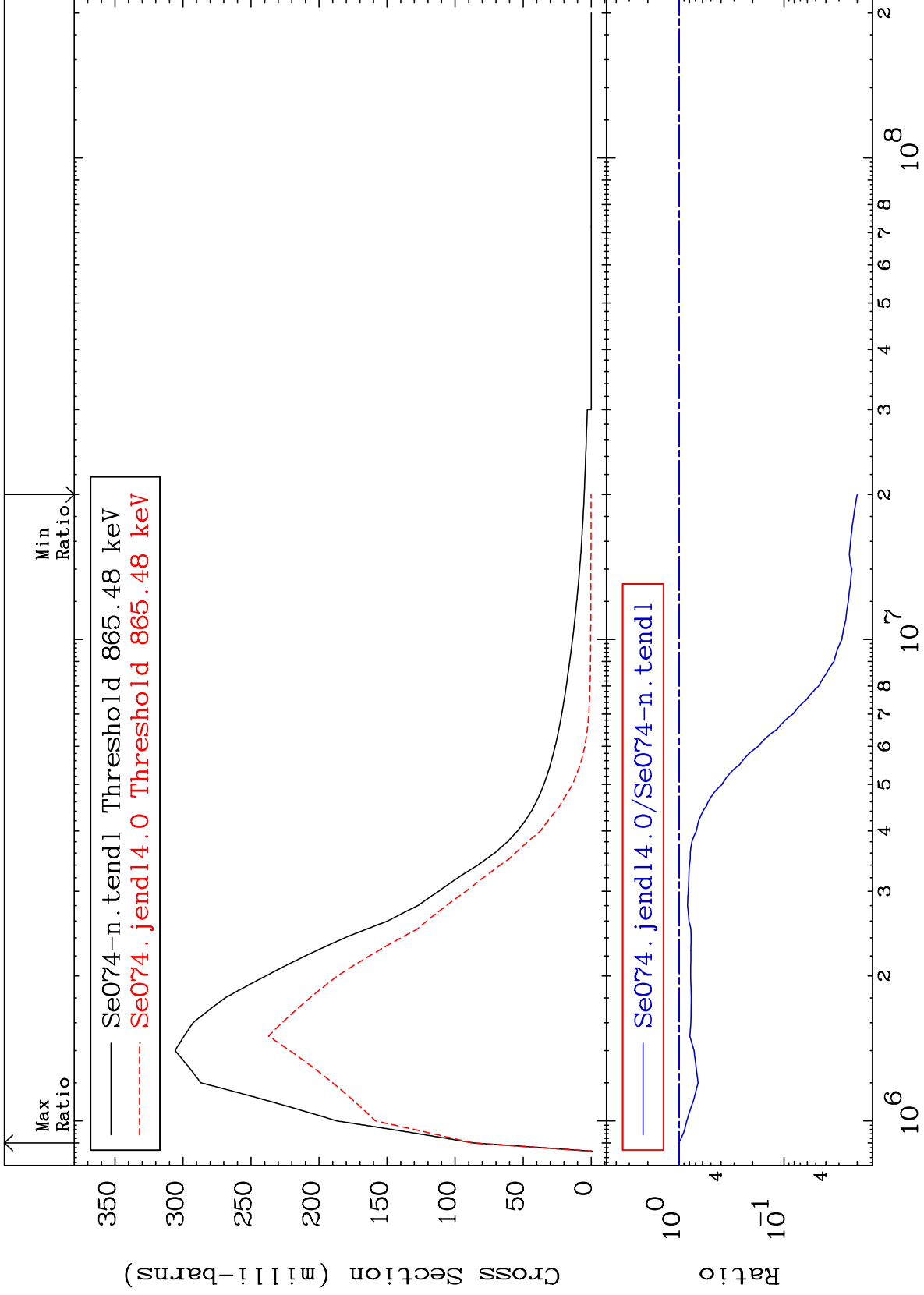
Incident Energy (eV)

34-Se-74

MAT 3425

853.8 keV (n,n') Level  
Cross Section

<sup>34</sup>Se-74  
-98.00 To 1.449 %



8

Incident Energy (eV)

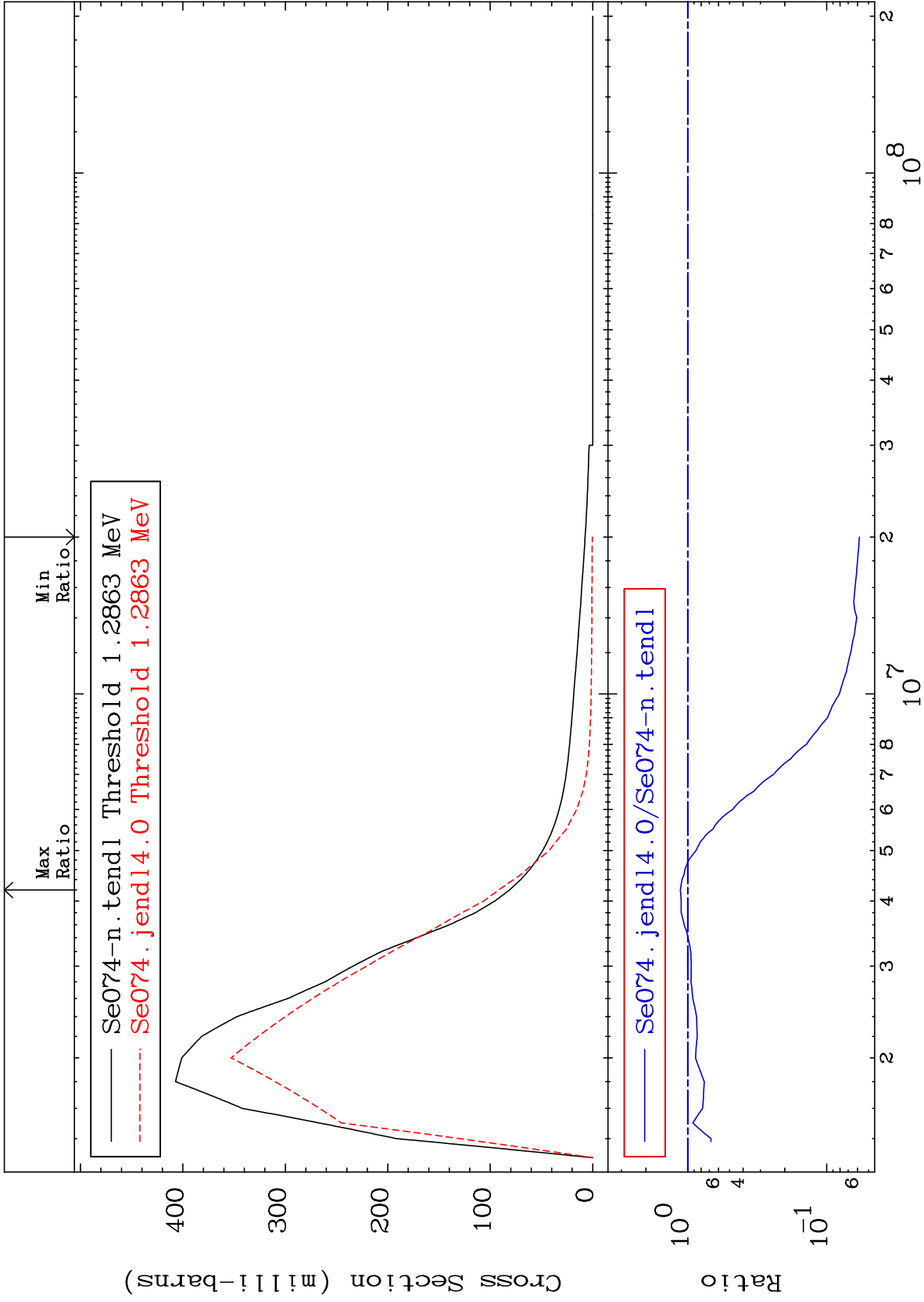
<sup>34</sup>Se-74



MAT 3425

1.269 MeV (n,n') Level  
Cross Section

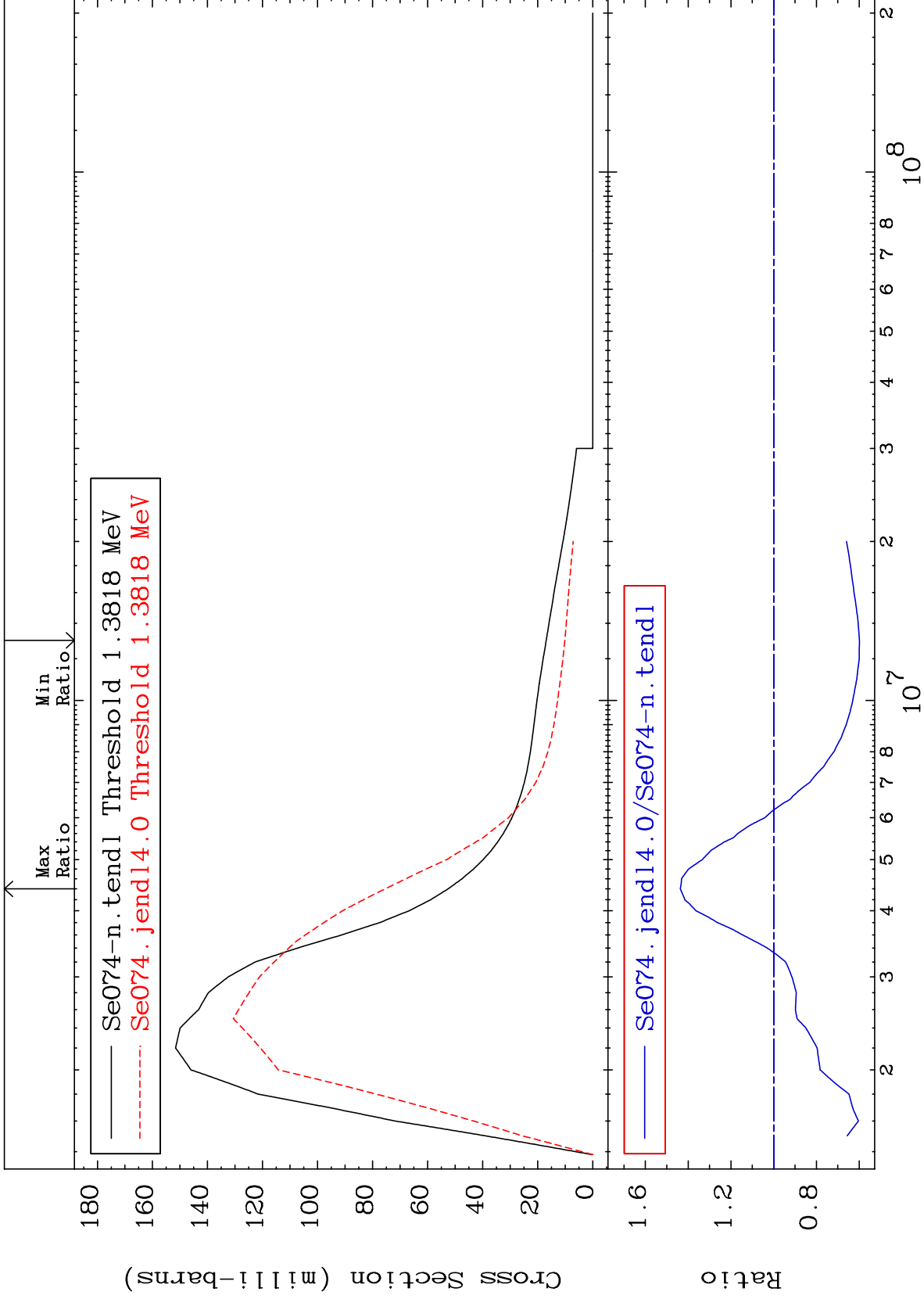
<sup>34</sup>Se-74  
-94.19 To 12.97 %



MAT 3425

1.363 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-74  
-40.13 To 43.64 %



10

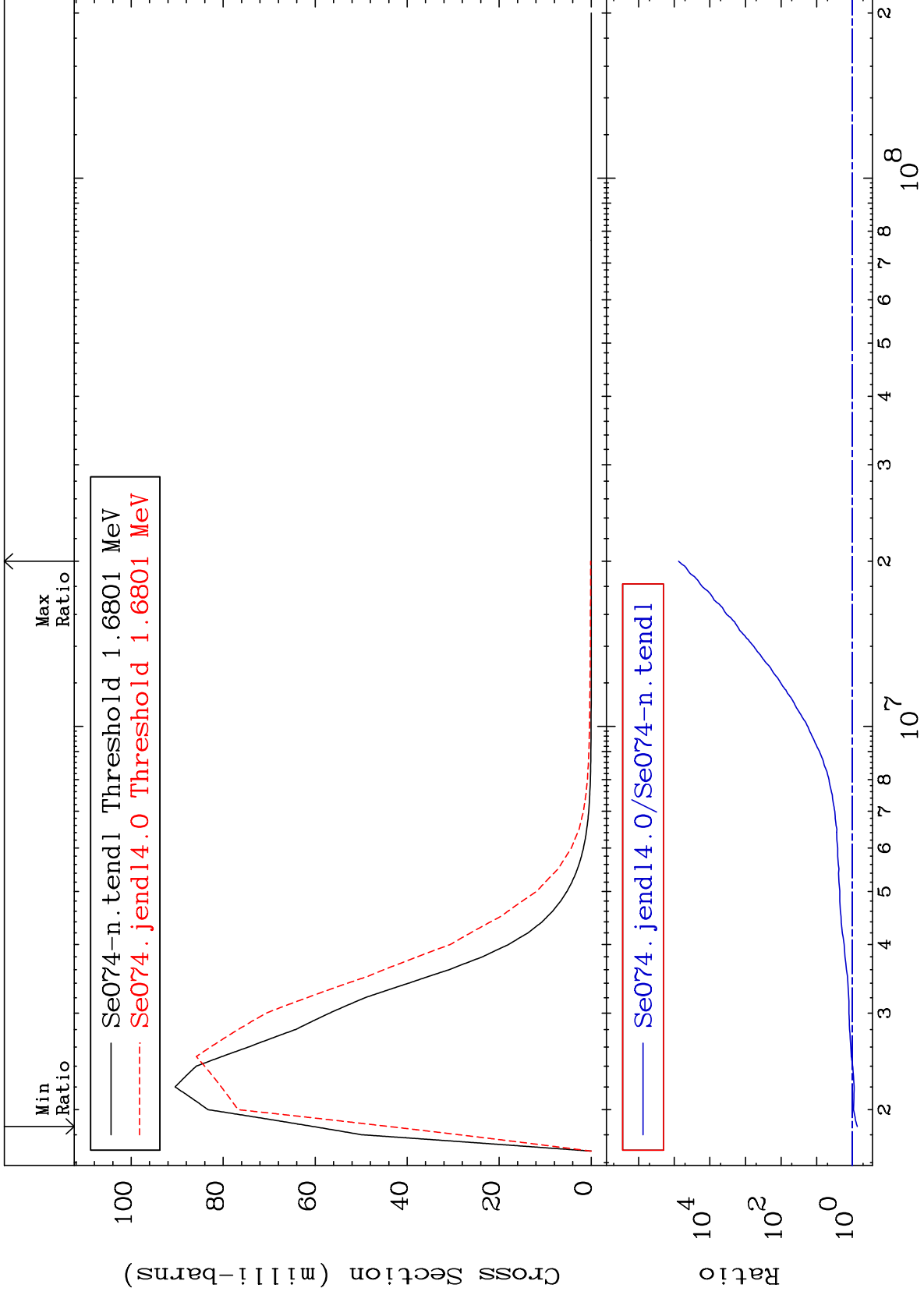
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

1.657 MeV (n,n') Level  
Cross Section

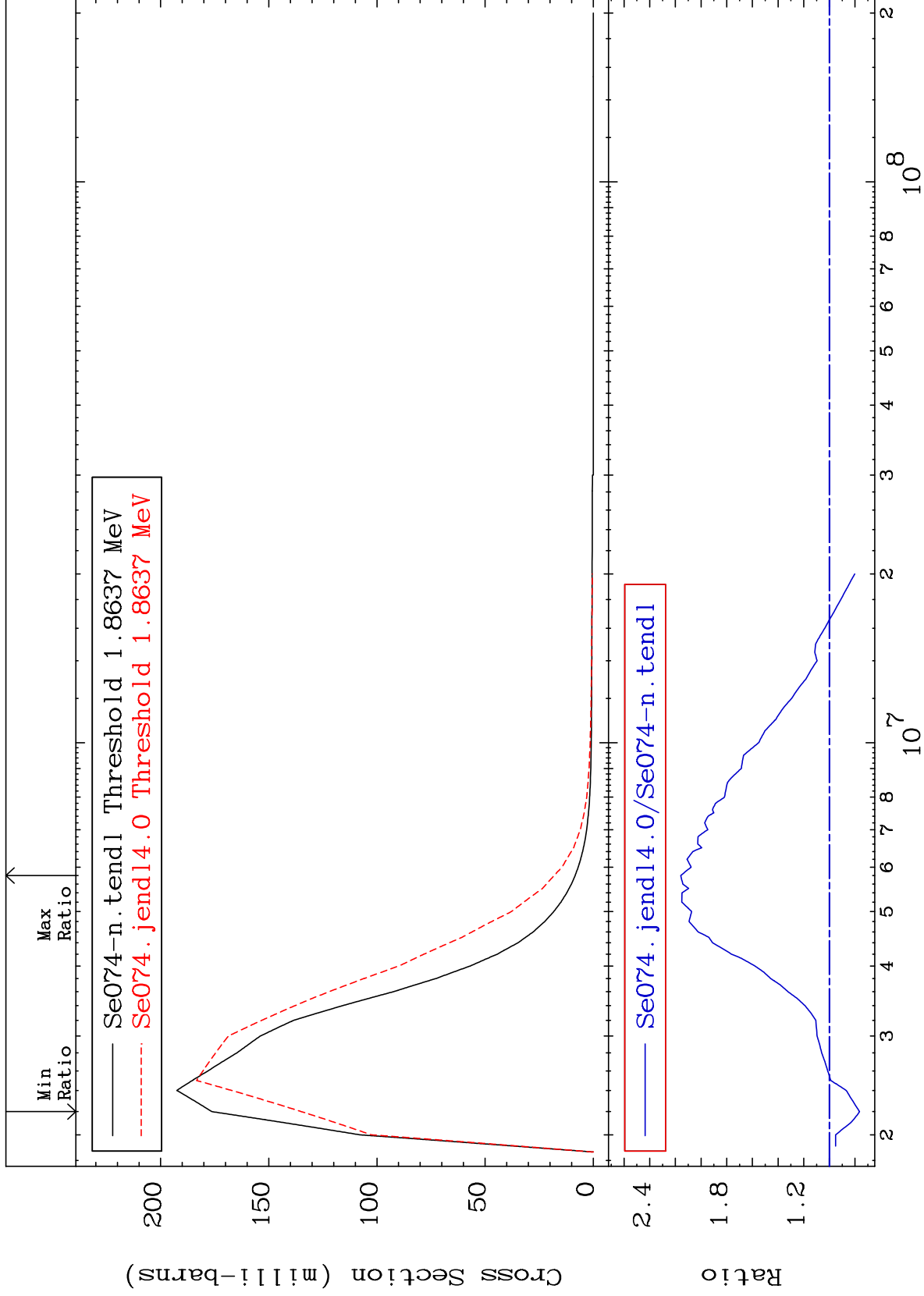
34-Se-74  
-27.22 To 9999. %



MAT 3425

1.839 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-74  
-23.50 To 115.8 %



12

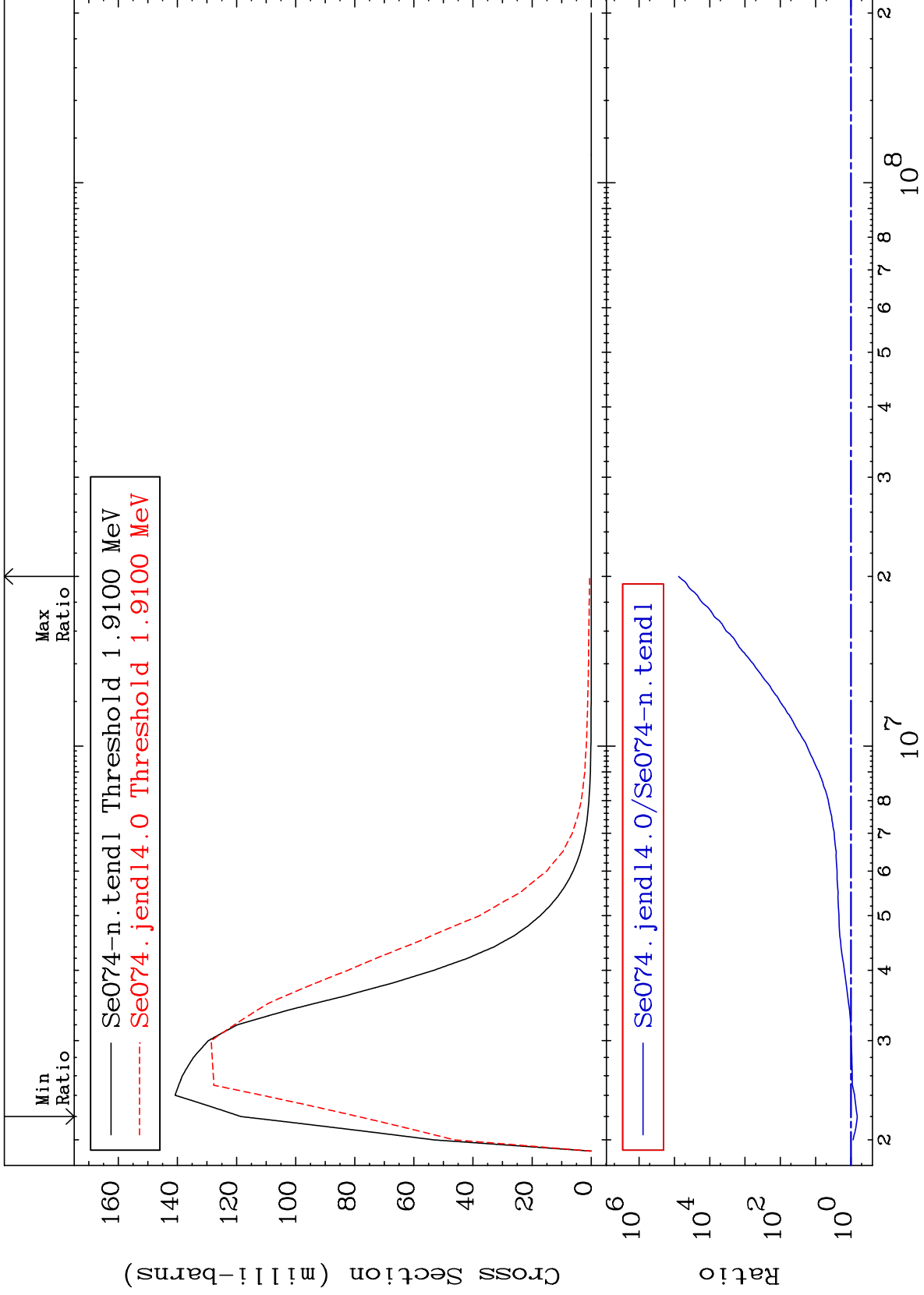
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

1.884 MeV (n,n') Level  
Cross Section

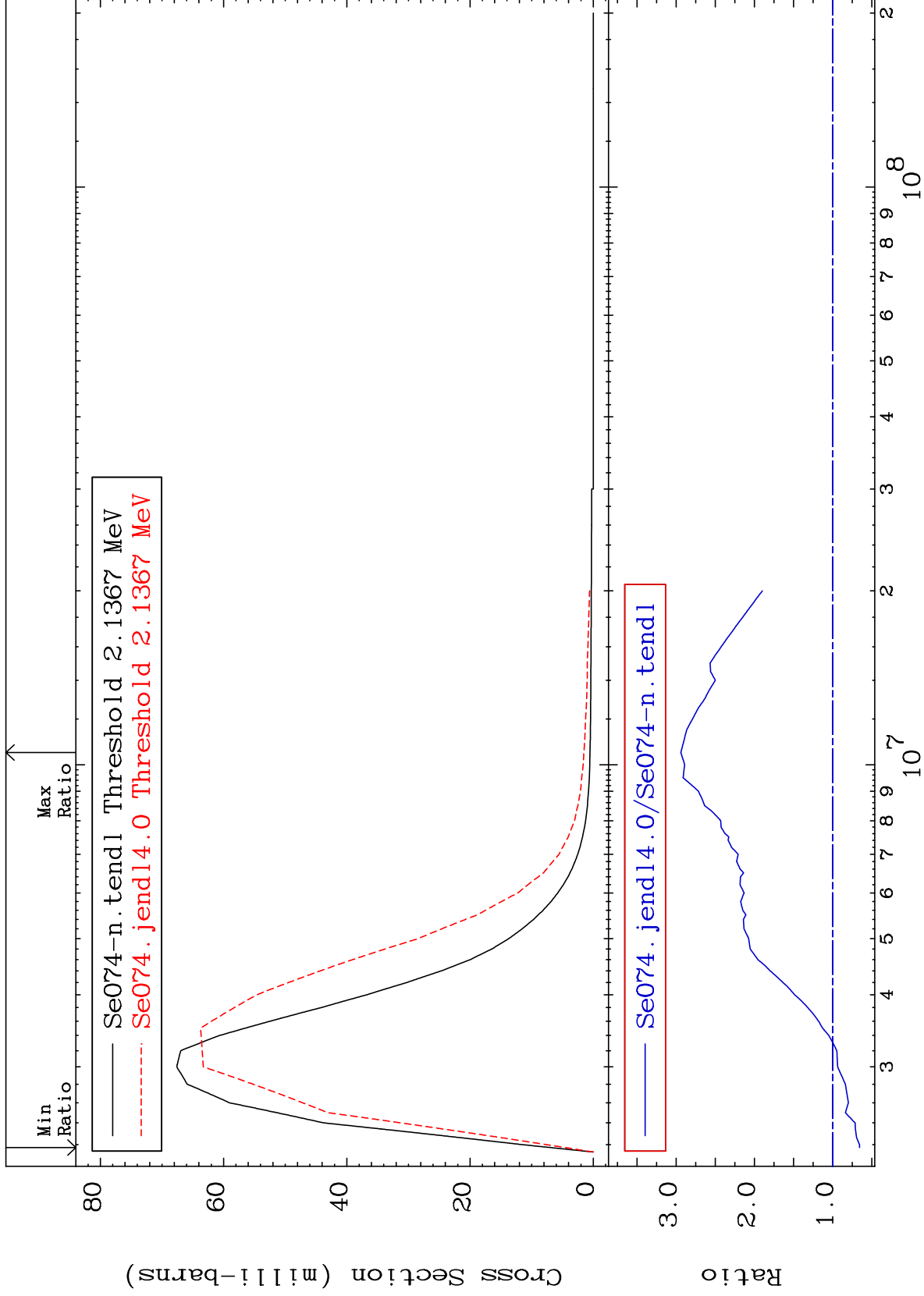
34-Se-74  
-33.46 To 9999. %



MAT 3425

2.108 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-74  
-34.33 To 194.1 %



14

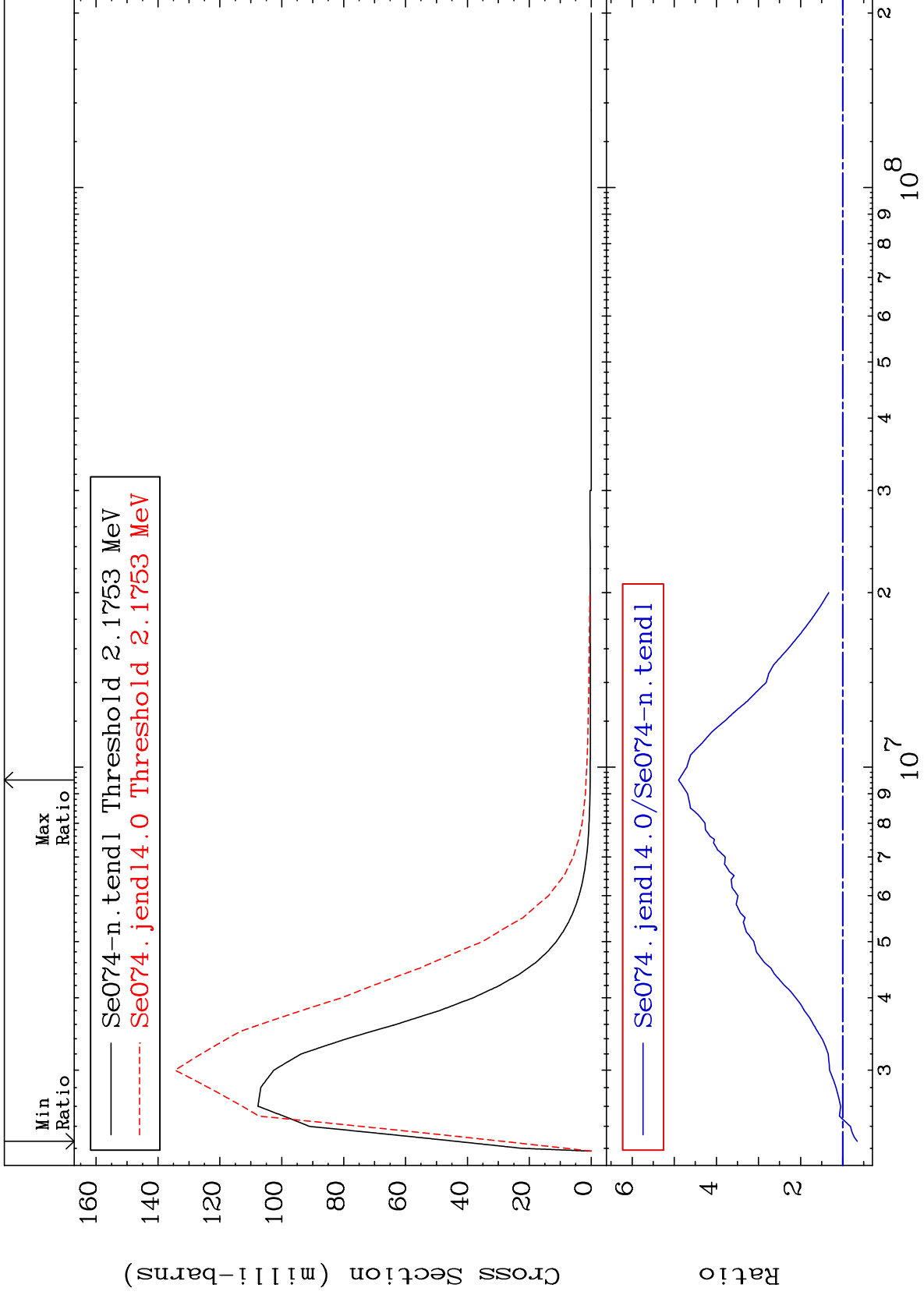
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

2.146 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-74  
-34.49 To 389.6 %



15

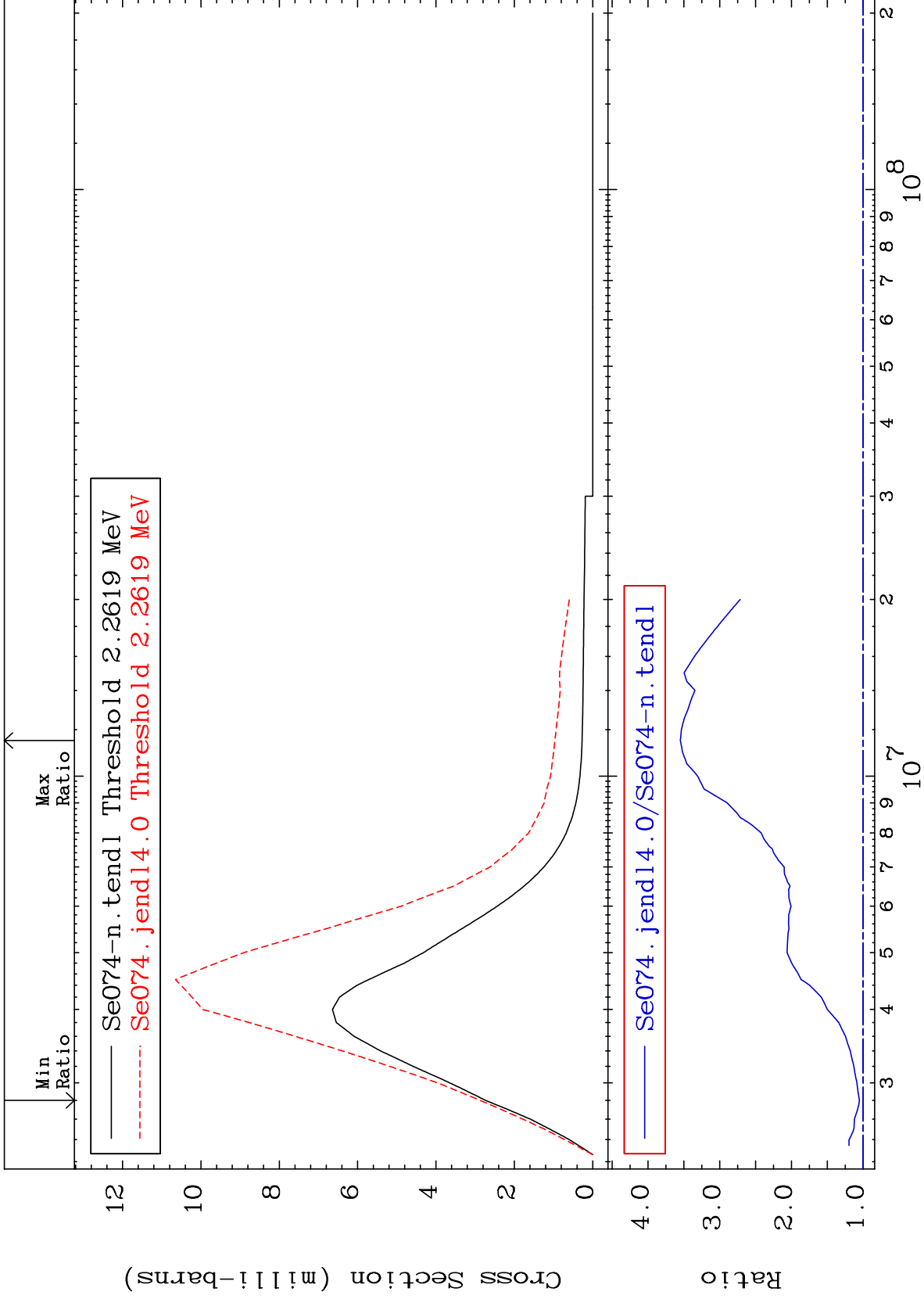
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

2.231 MeV (n,n') Level  
Cross Section

34-Se-74  
5.168 To 254.8 %

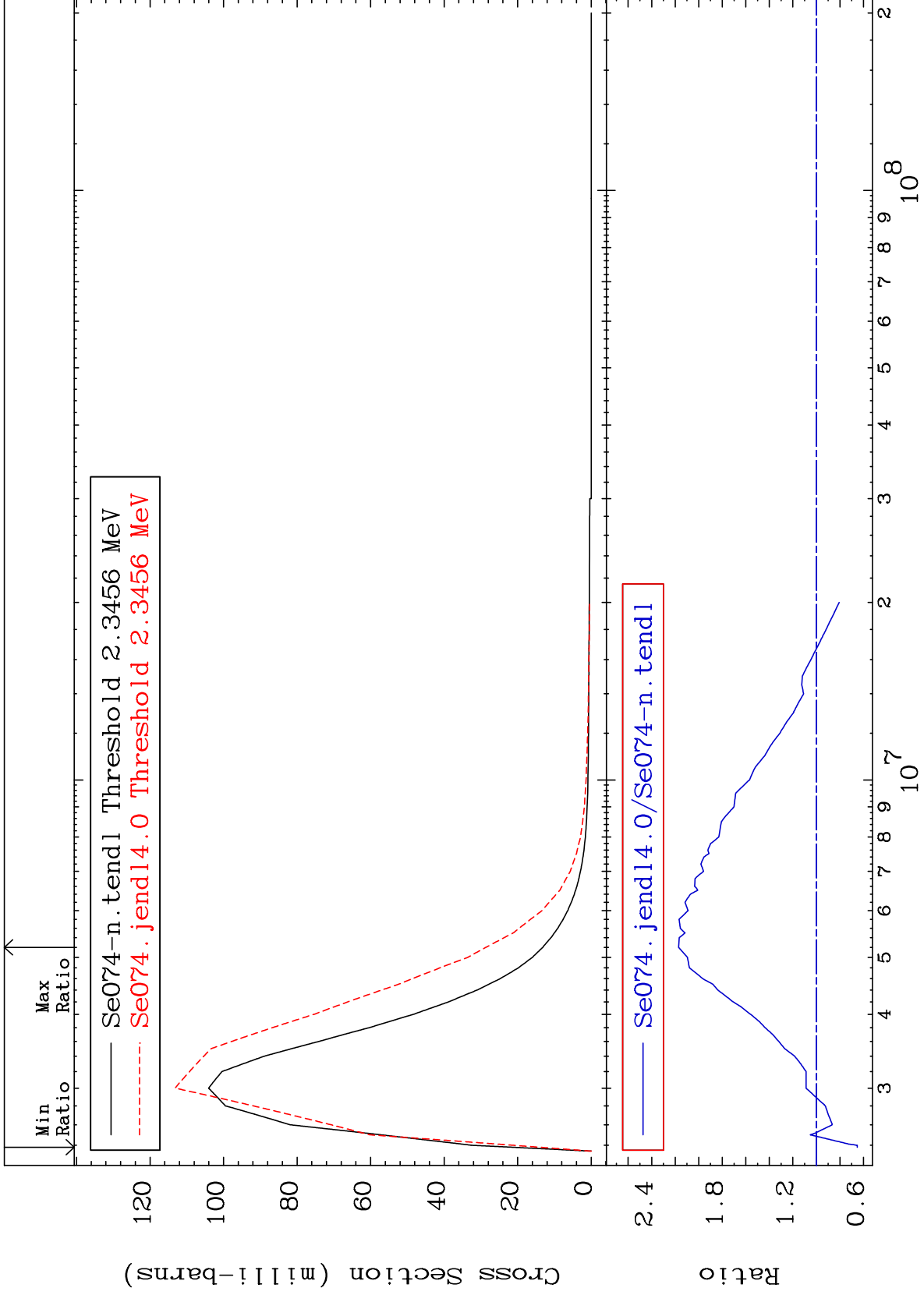




MAT 3425

2.314 MeV (n,n') Level  
Cross Section

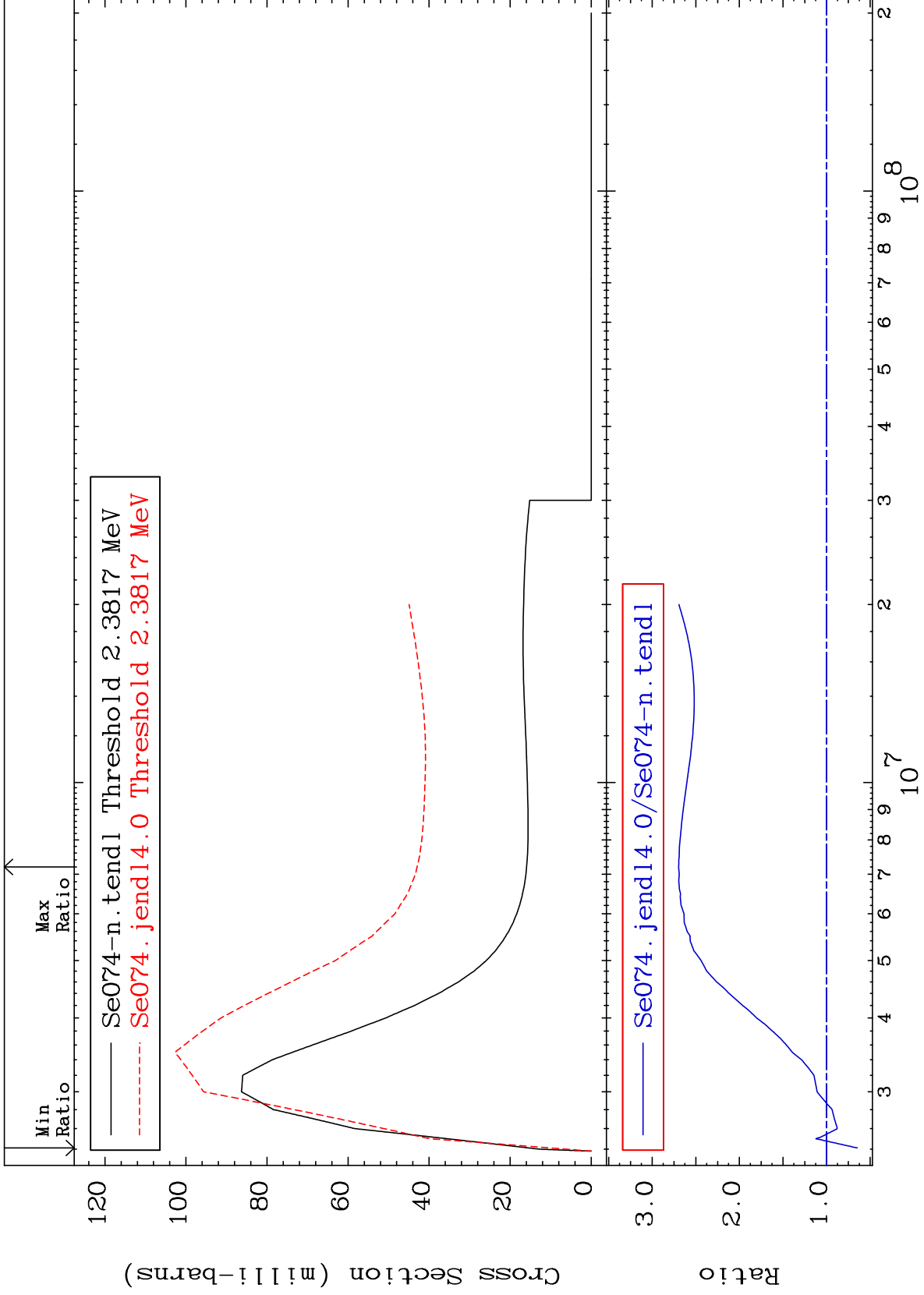
<sup>34</sup>Se-74  
-34.72 To 117.1 %



MAT 3425

2.350 MeV (n,n') Level  
Cross Section

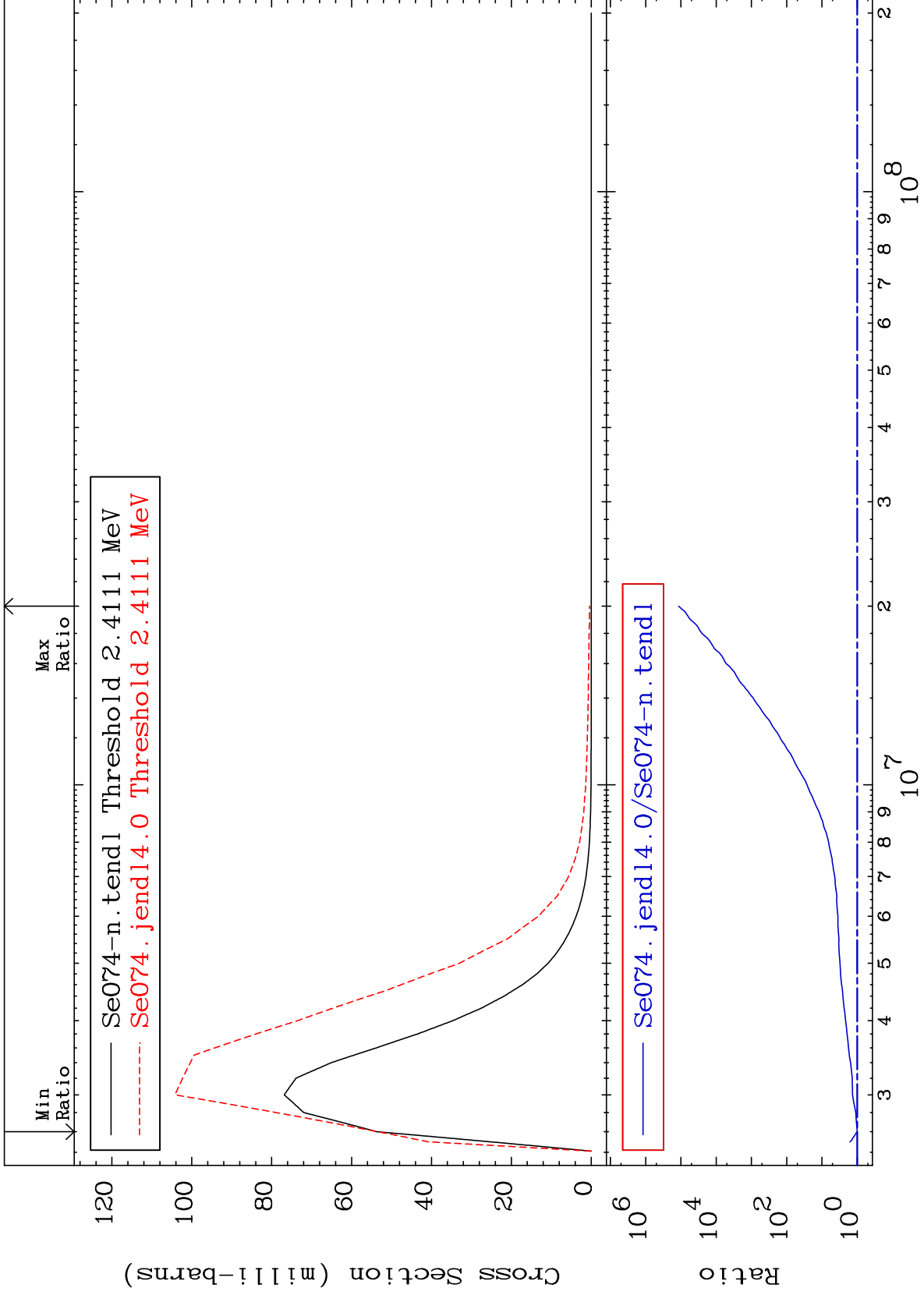
34-Se-74  
-35.24 To 169.7 %



MAT 3425

2.379 MeV (n,n') Level  
Cross Section

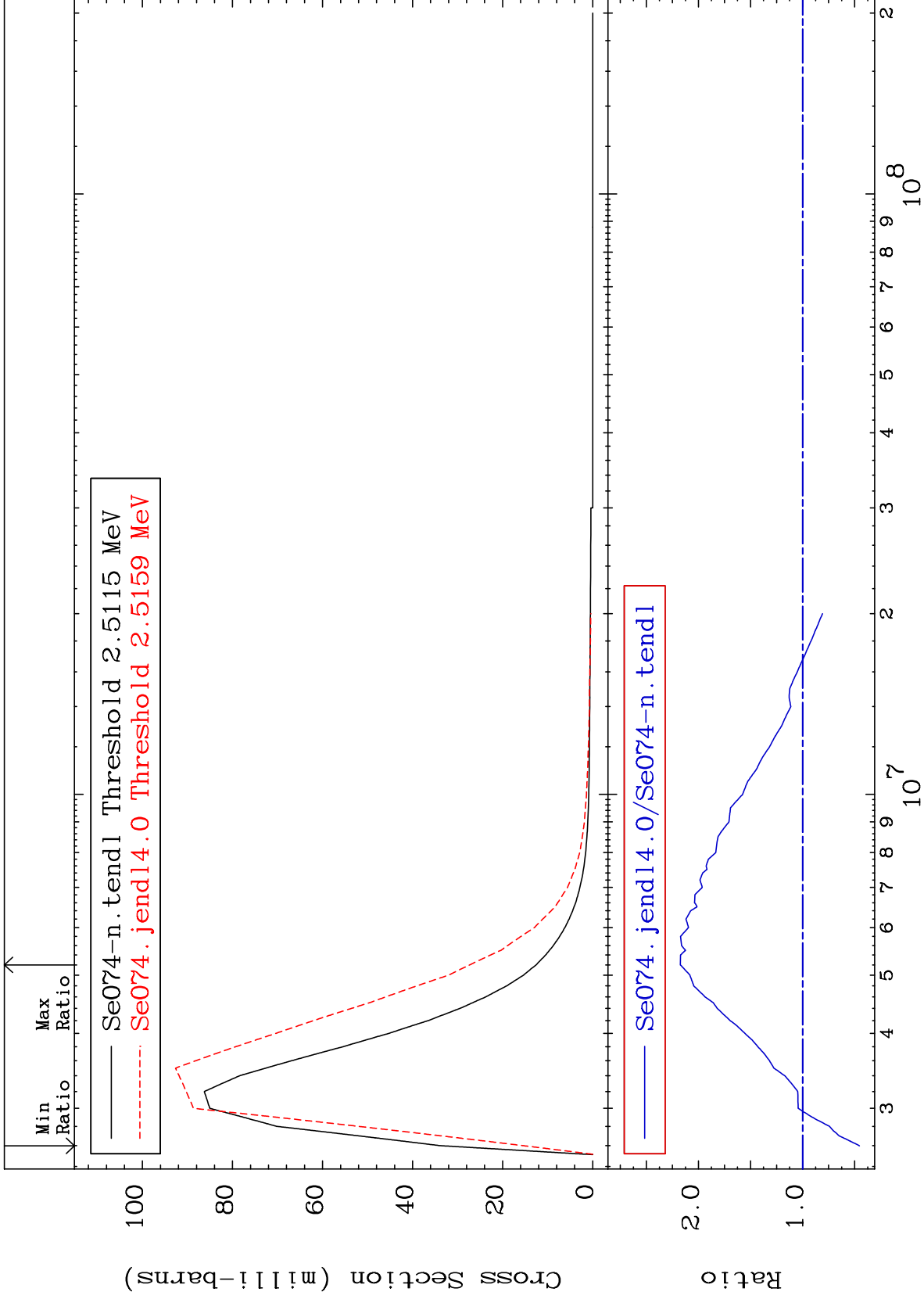
34-Se-74  
-0.467 To 9999. %



MAT 3425

2.478 MeV (n,n') Level  
Cross Section

<sup>34</sup>Se-74  
-54.56 To 117.4 %



20

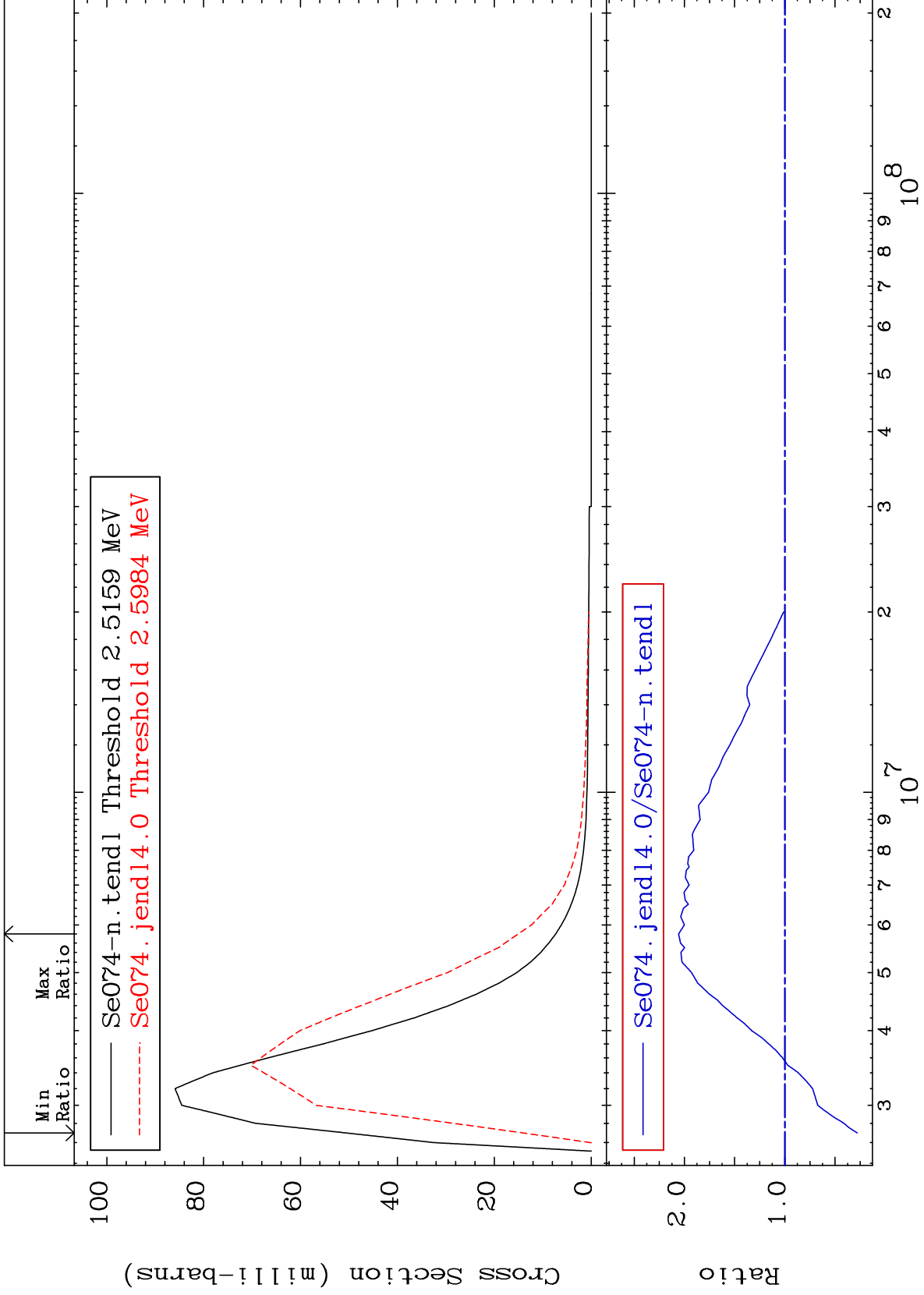
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

2.482 MeV (n,n') Level  
Cross Section

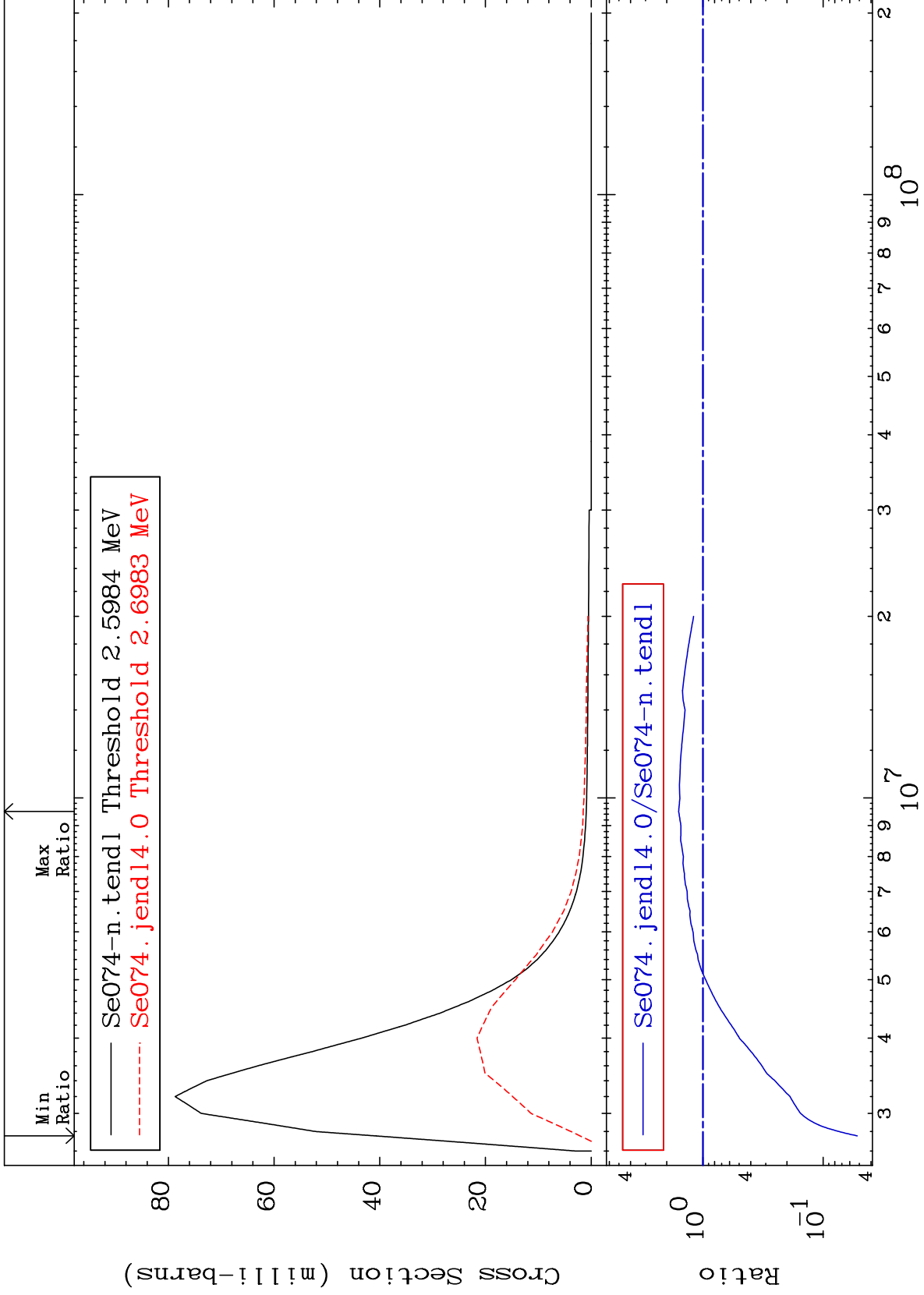
<sup>34</sup>Se-74  
-72.12 To 105.7 %



MAT 3425

2.563 MeV (n,n') Level  
Cross Section

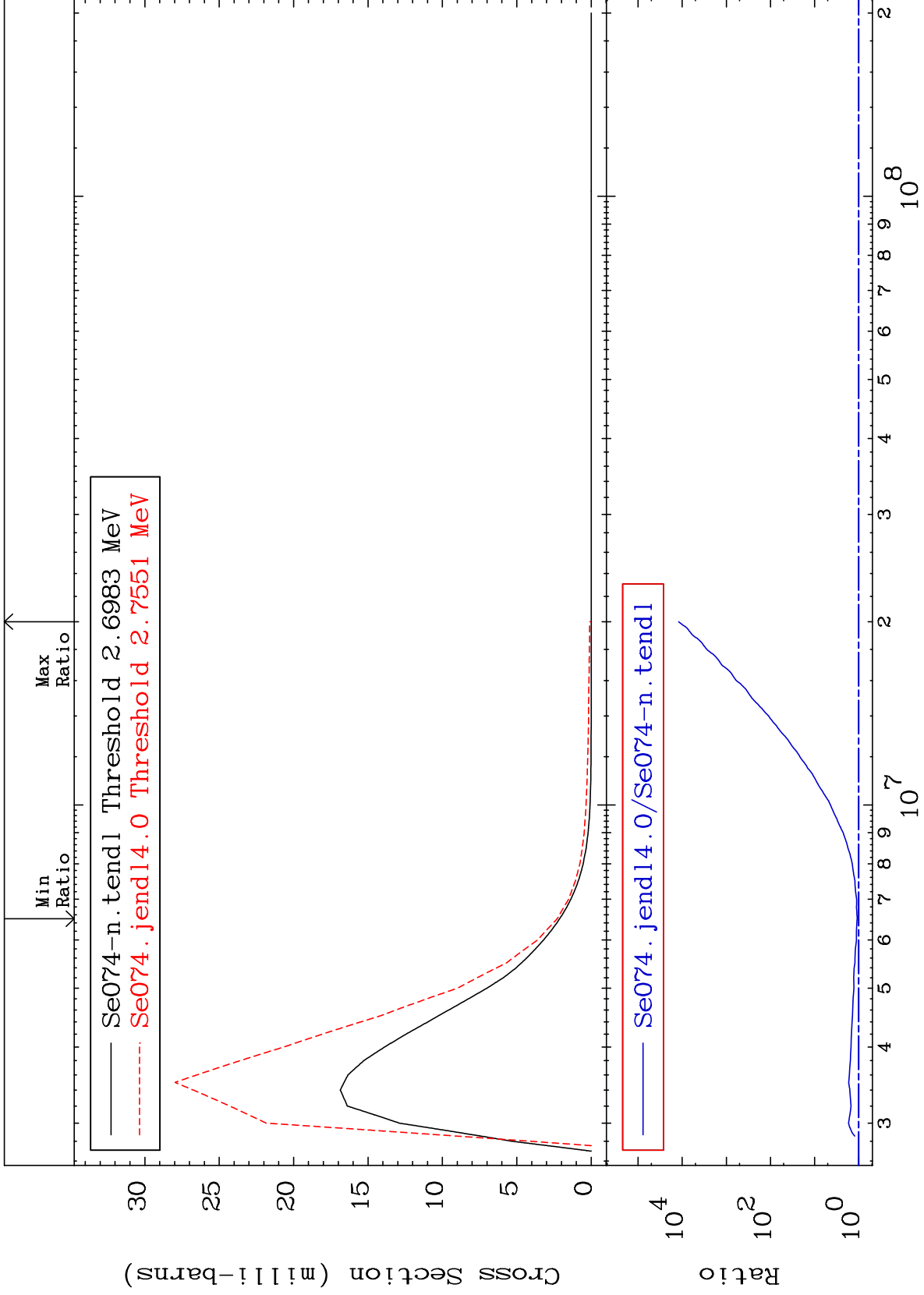
<sup>34</sup>Se-74  
-94.79 To 59.26 %



MAT 3425

2.662 MeV (n,n') Level  
Cross Section

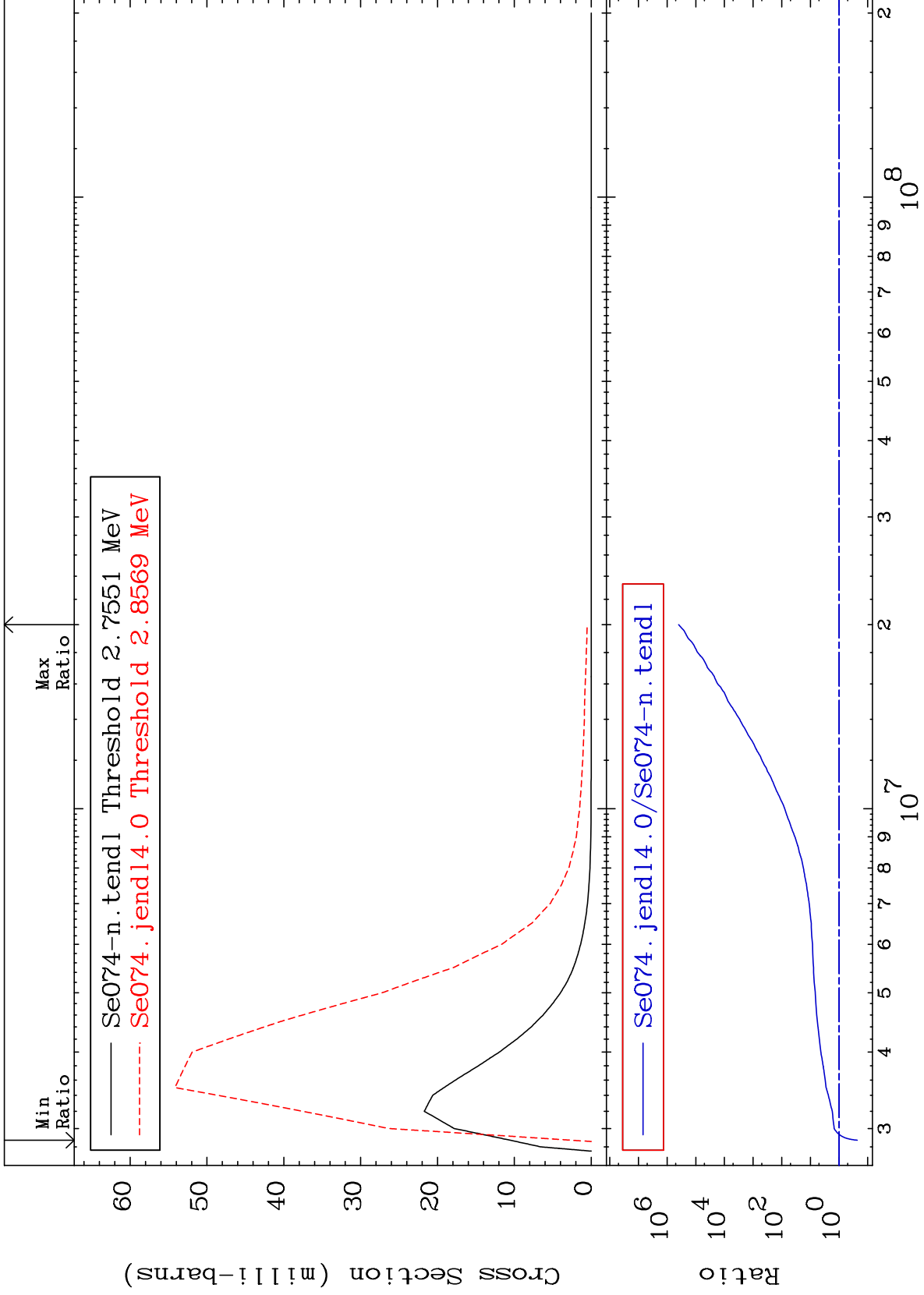
34-Se-74  
7.530 To 9999. %



MAT 3425

2.718 MeV (n,n') Level  
Cross Section

34-Se-74  
-76.81 To 9999. %

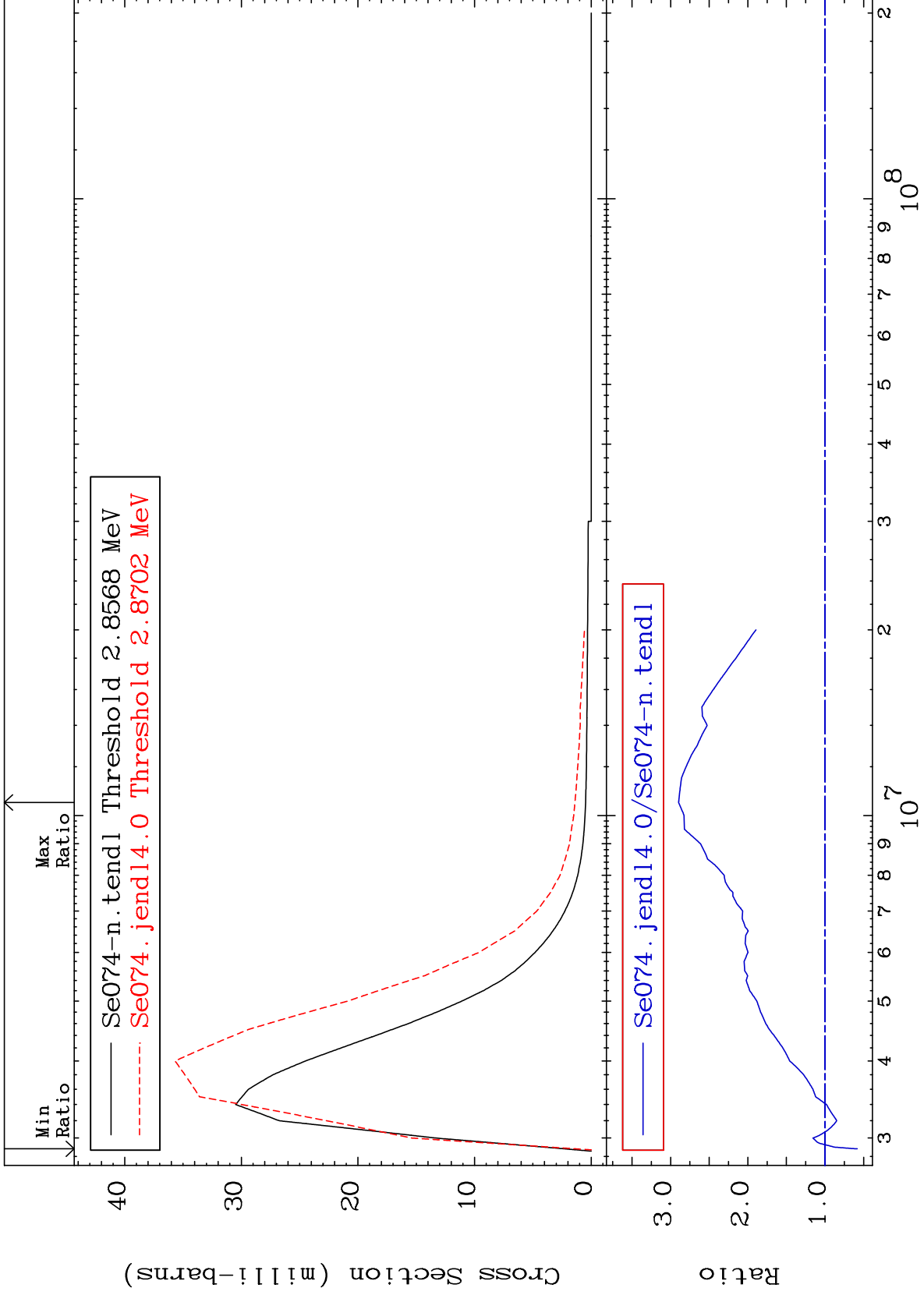




MAT 3425

2.818 MeV (n,n') Level  
Cross Section

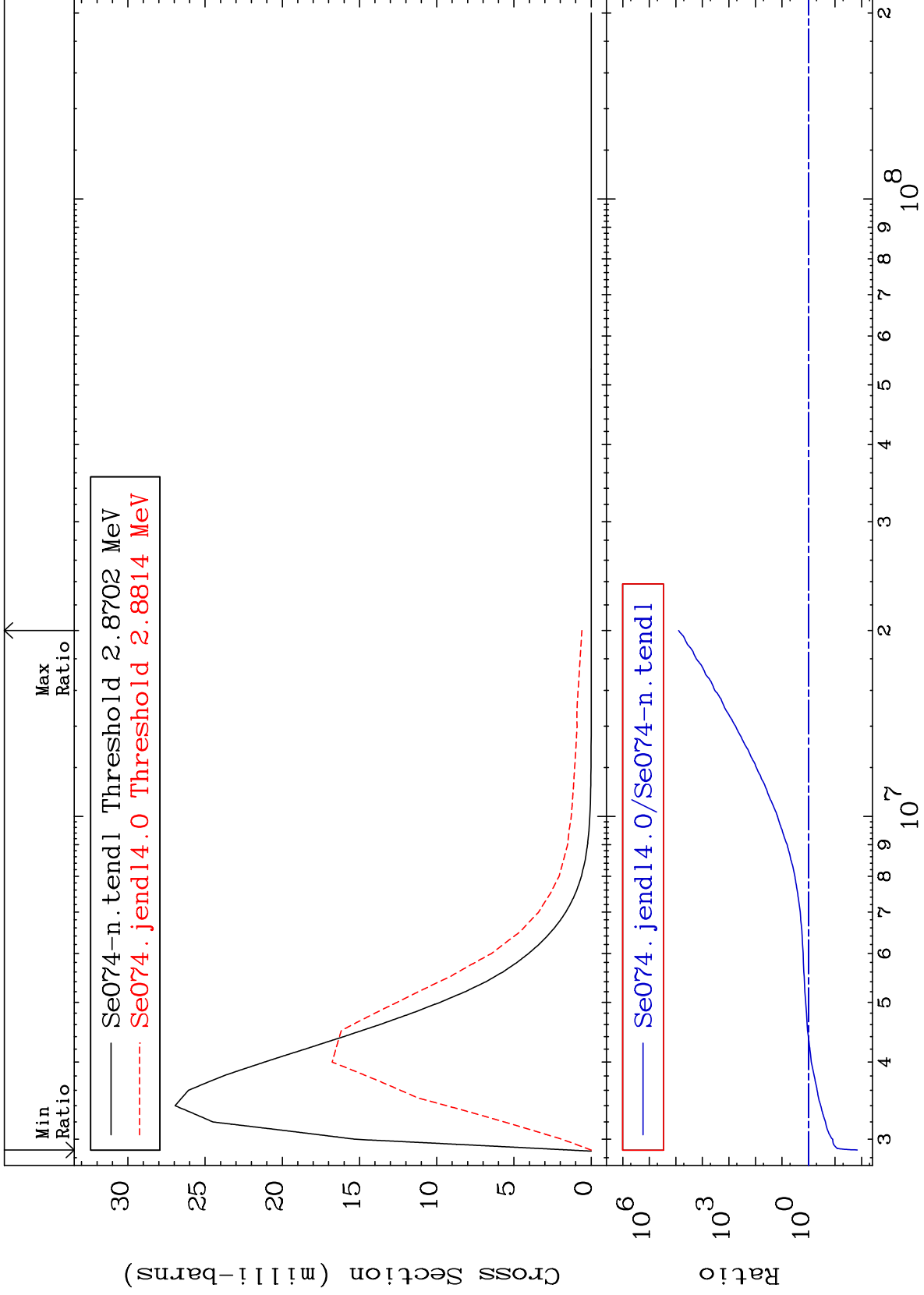
<sup>34</sup>Se-74  
-41.73 To 189.6 %



25

Incident Energy (eV)

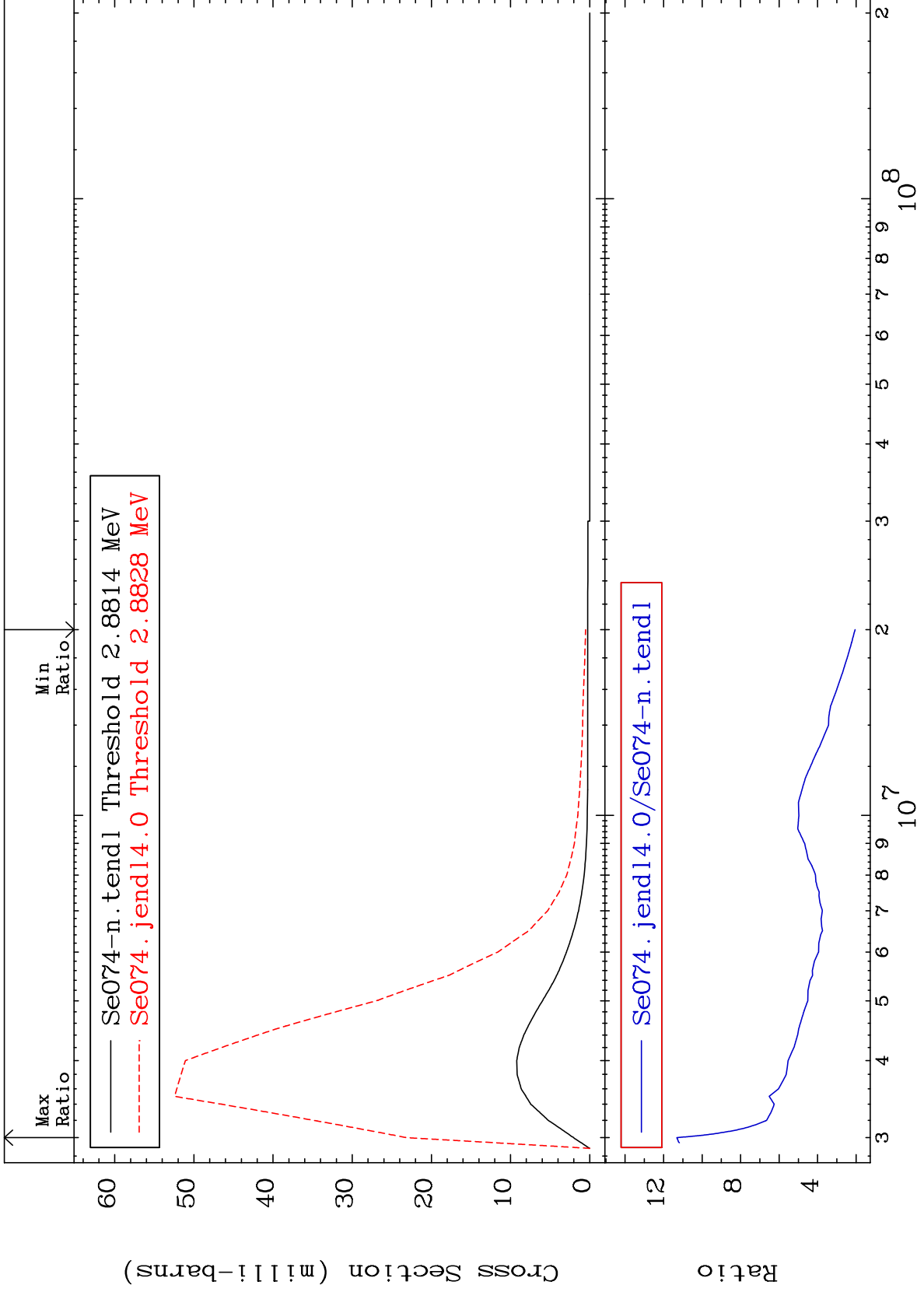
<sup>34</sup>Se-74



MAT 3425

2.843 MeV (n,n') Level  
Cross Section

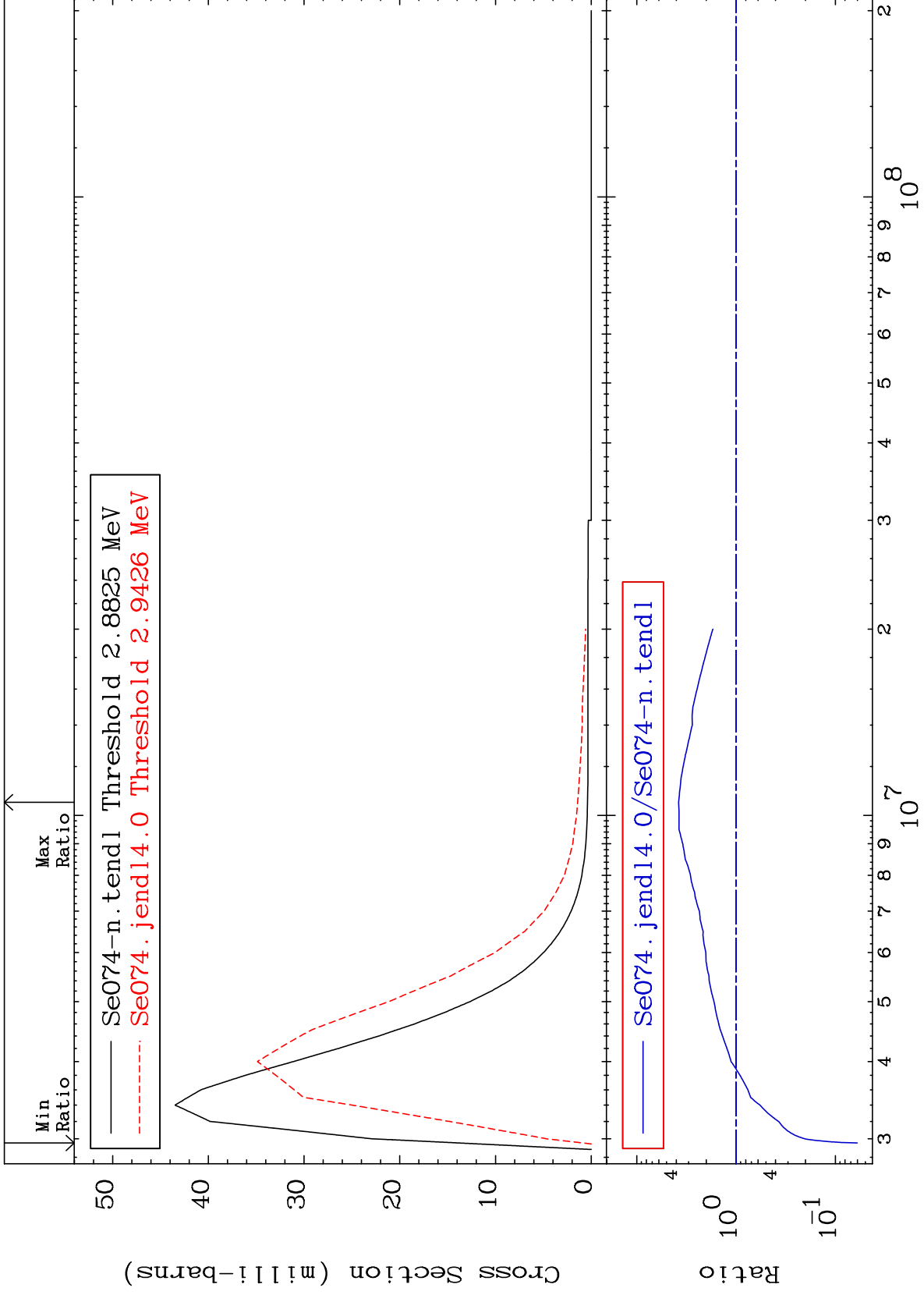
34-Se-74  
105.3 To 1031. %

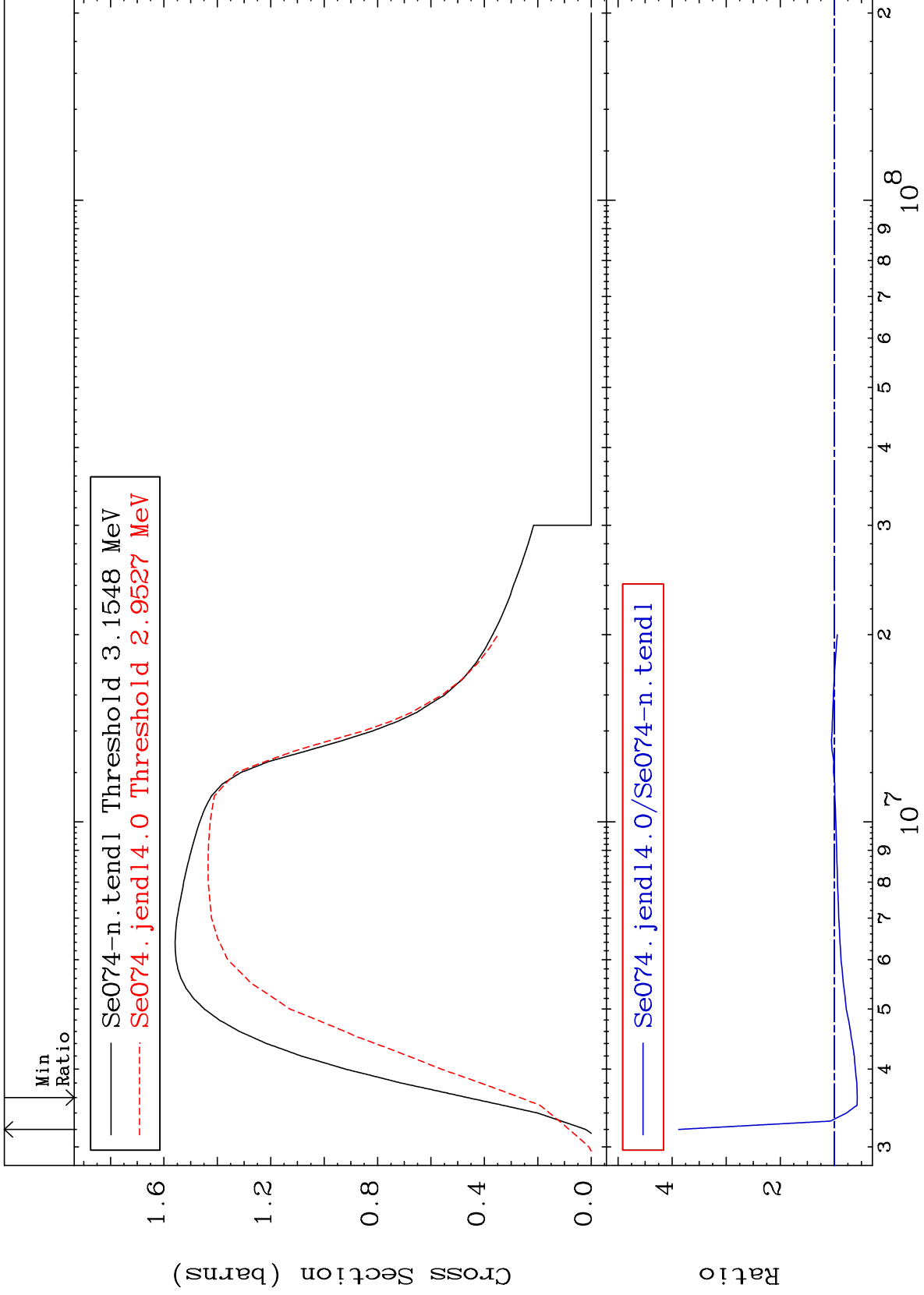


MAT 3425

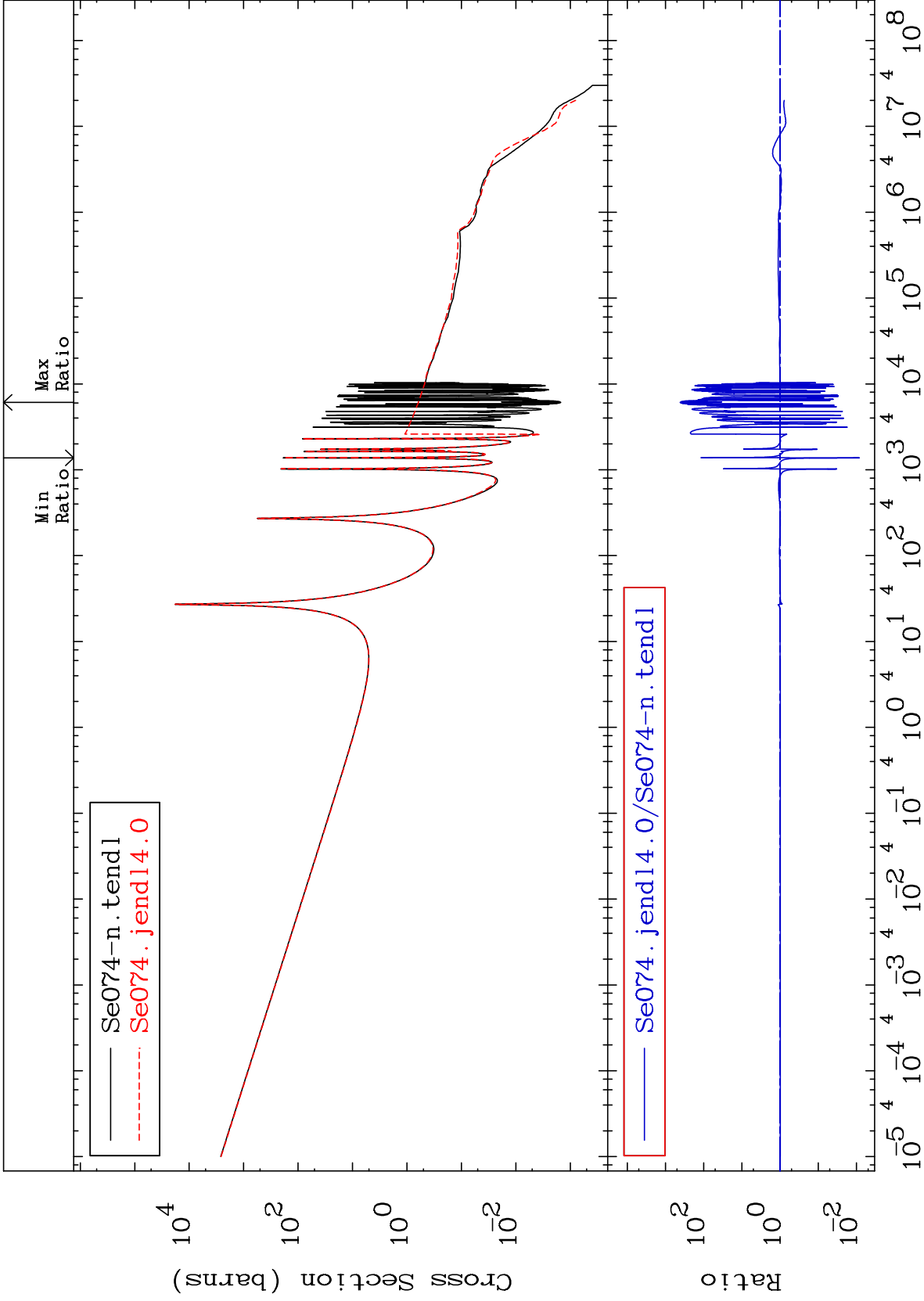
2.844 MeV (n,n') Level  
Cross Section

34-Se-74  
-93.98 To 278.5 %





(n,  $\gamma$ )  
Cross Section



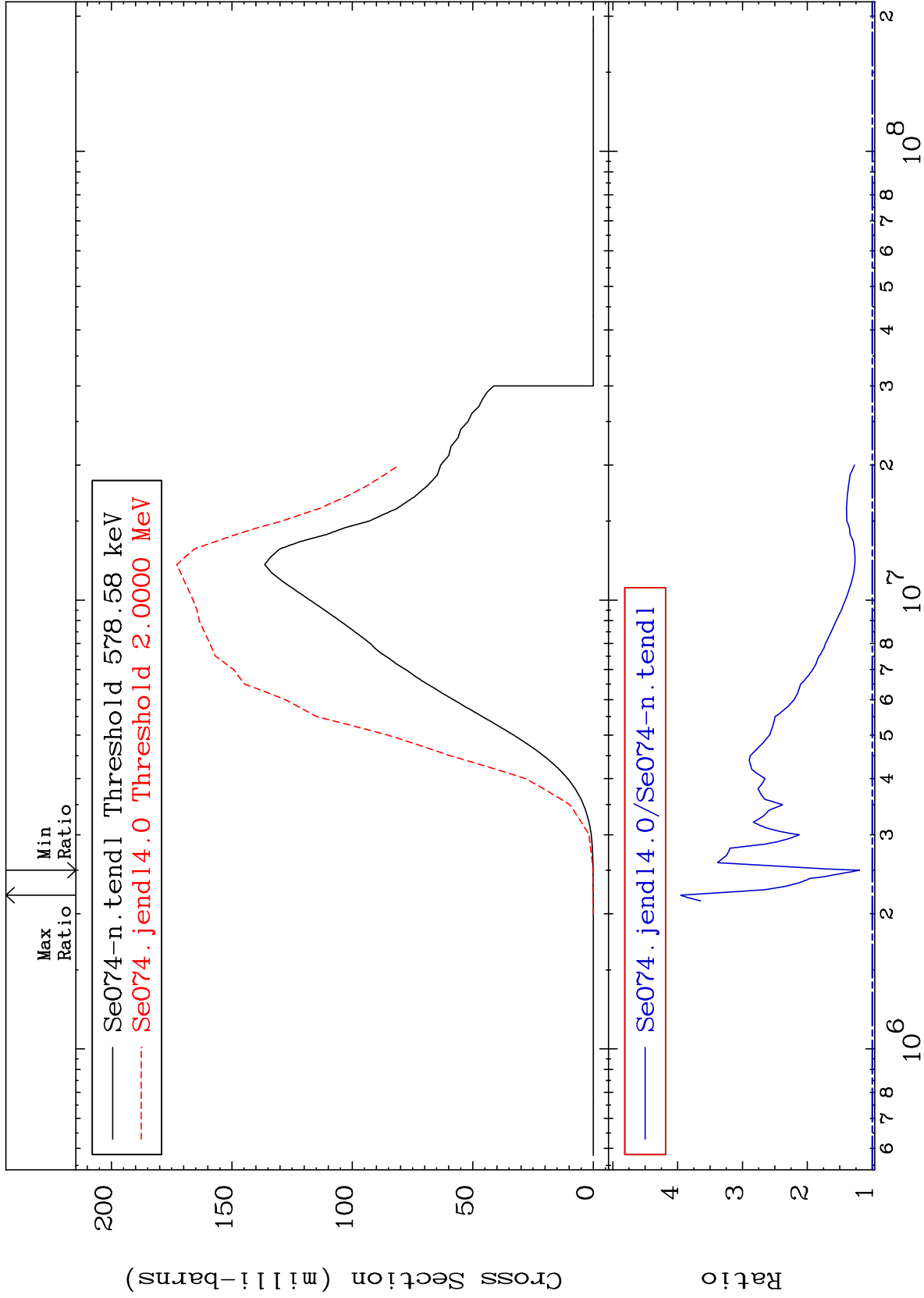
MAT 3425

(n,p)

<sup>34</sup>Se-74

Cross Section

19.45 To 295.1 %



31

Incident Energy (eV)

<sup>34</sup>Se-74

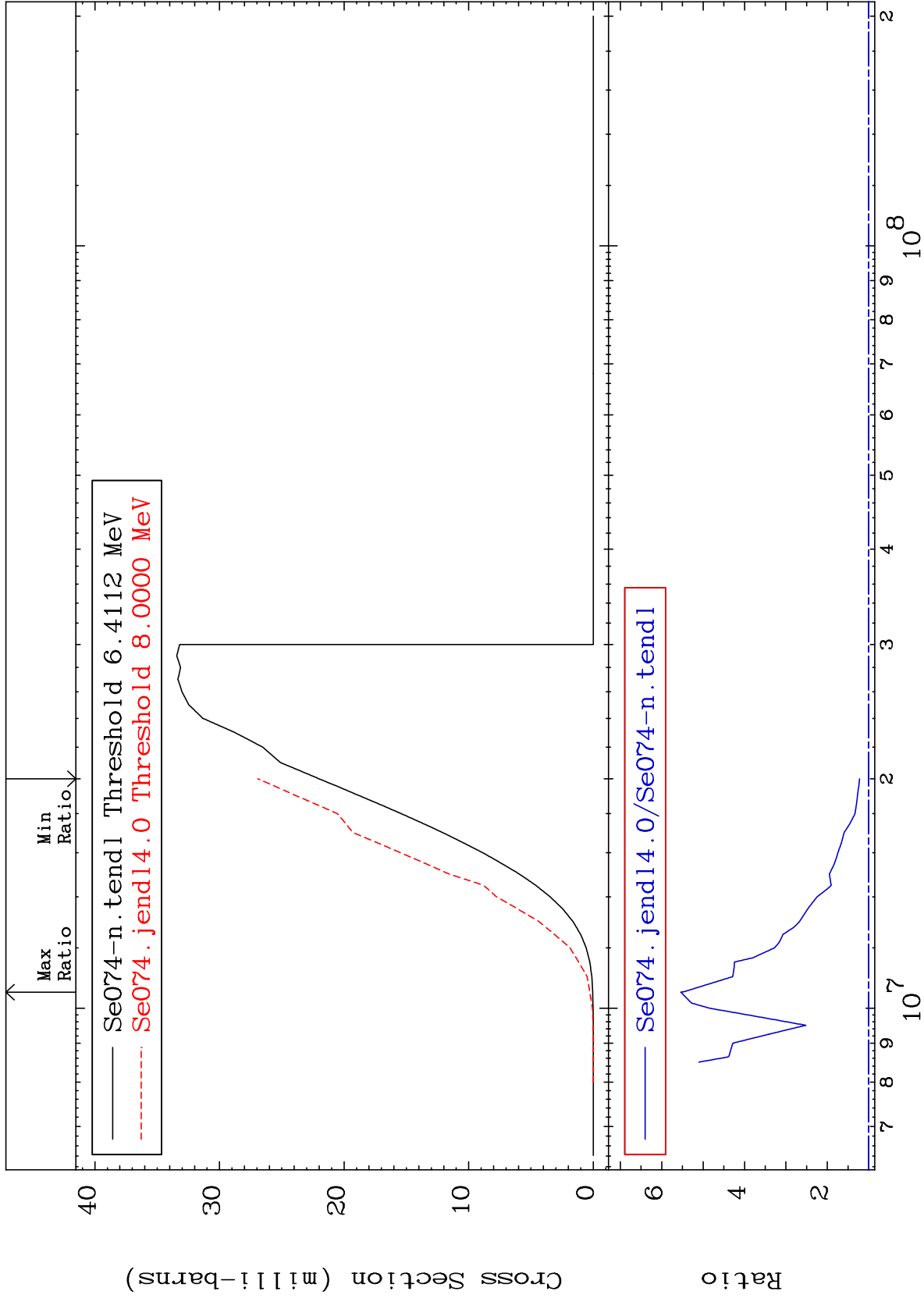
MAT 3425

(n, d)

<sup>34</sup>Se-74

Cross Section

22.26 To 454.0 %

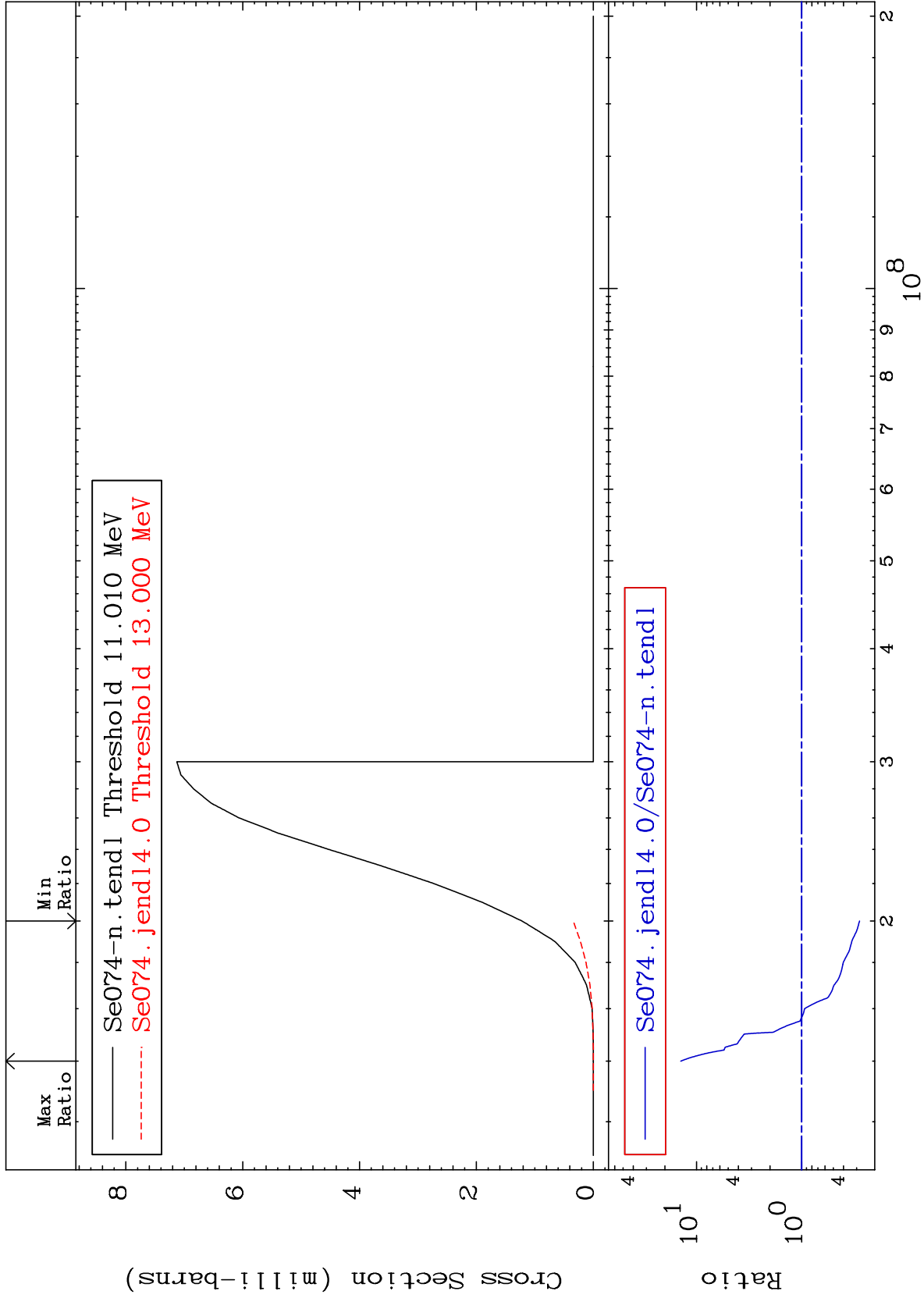


32

Incident Energy (eV)

<sup>34</sup>Se-74





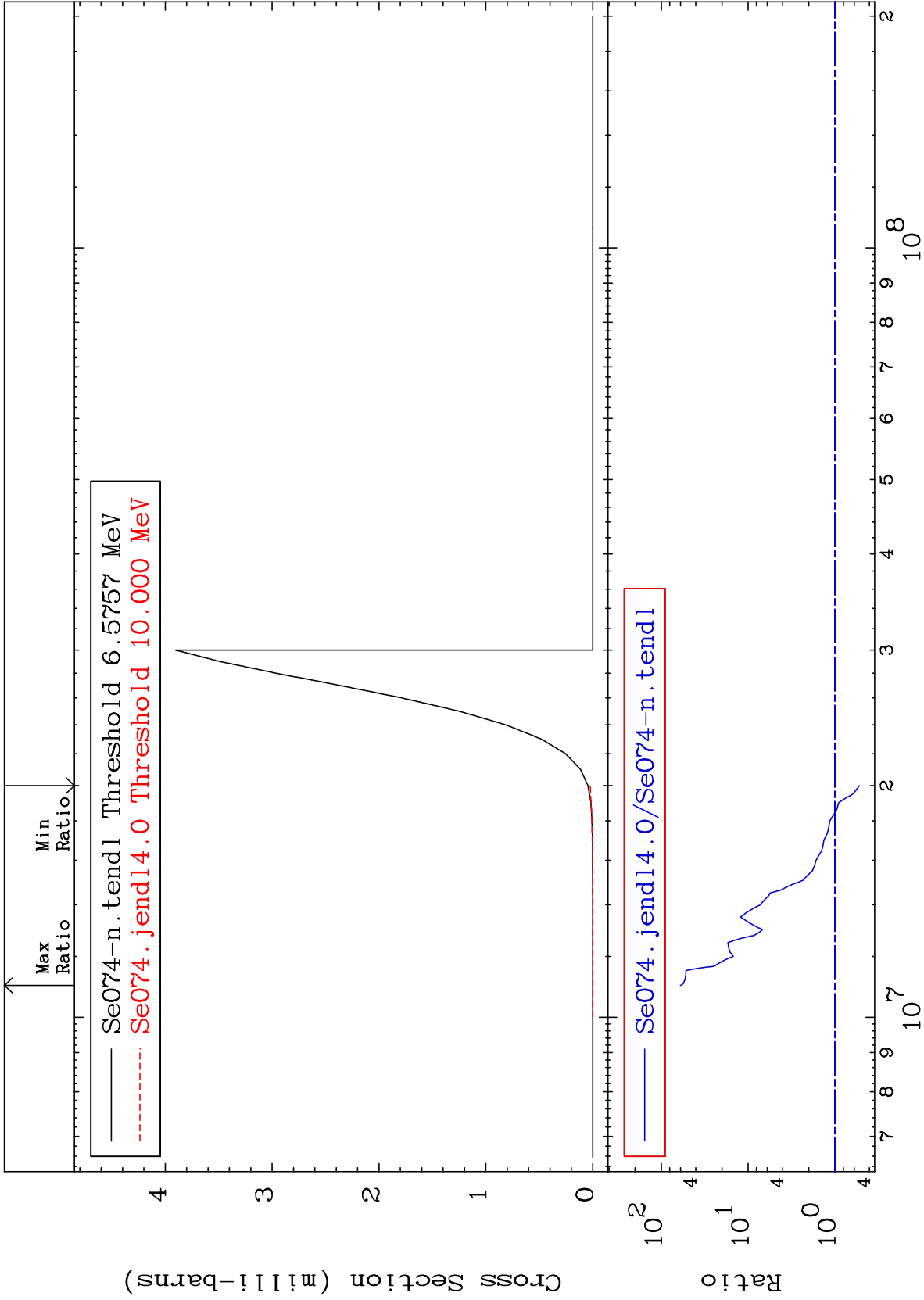
MAT 3425

(n, He-3)

<sup>34</sup>Se-74

Cross Section

-47.86 To 5925. %



34

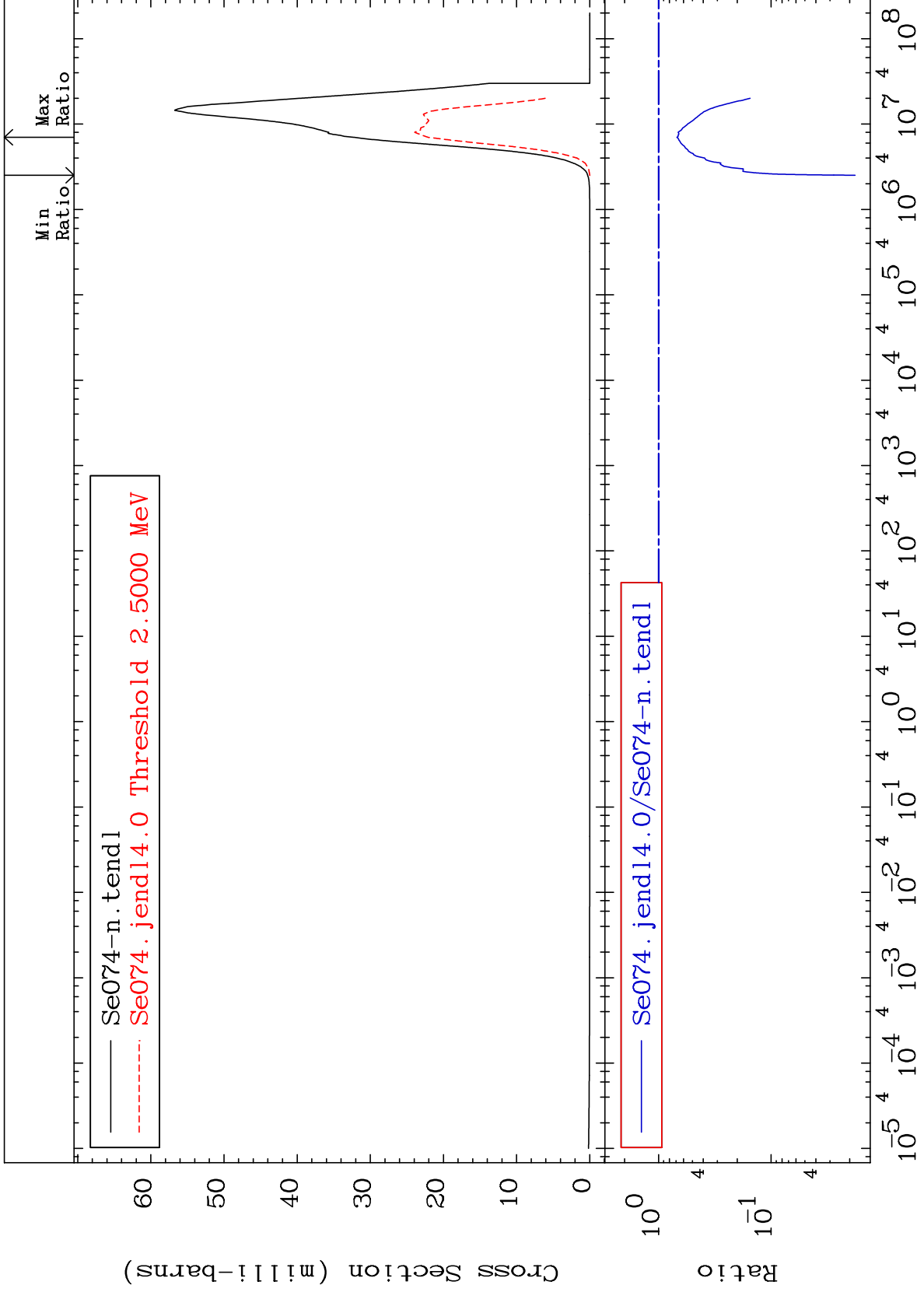
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

(n,  $\alpha$ )  
Cross Section

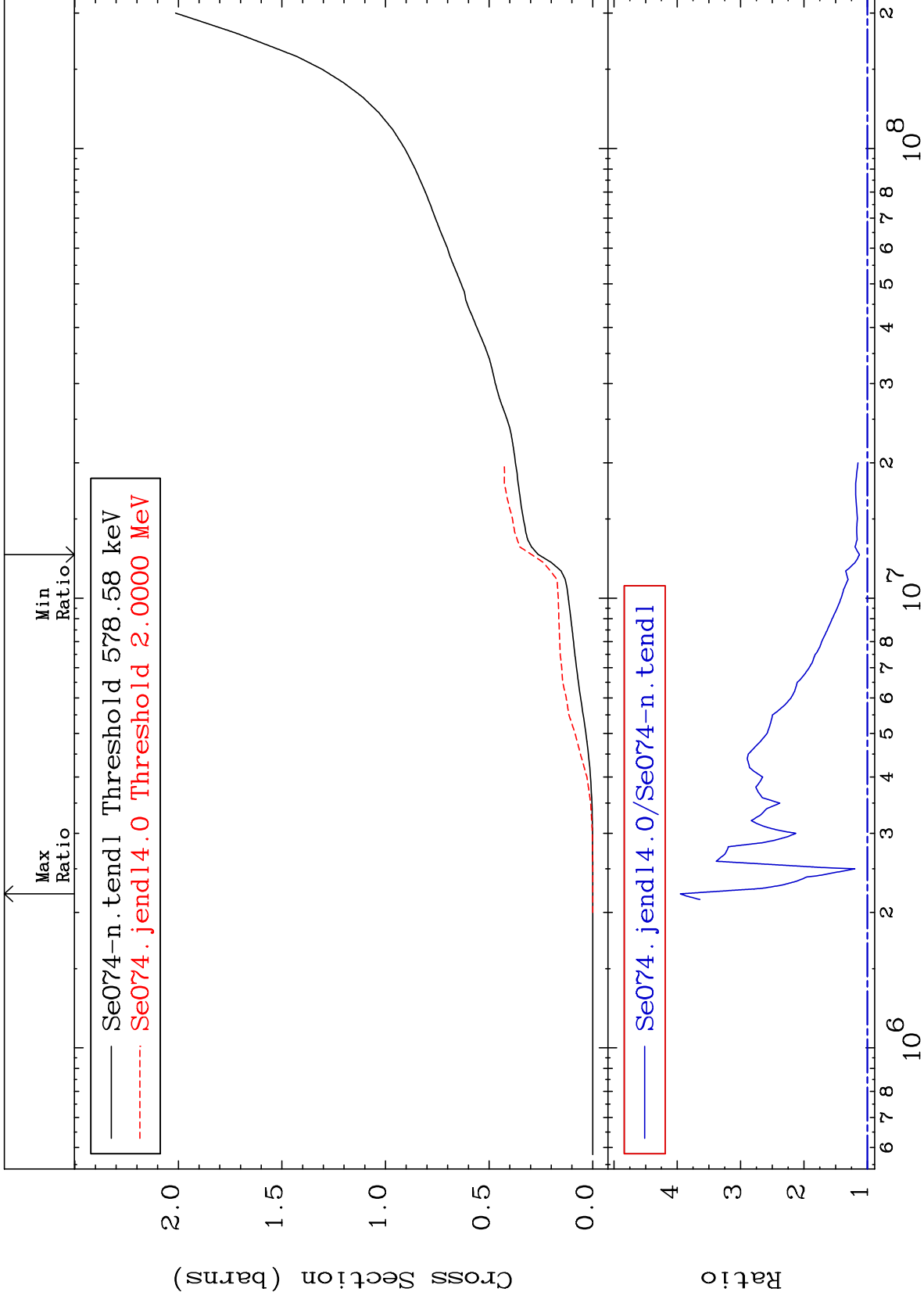
$^{34}\text{Se-74}$   
-98.21 To -31.38%



35

Incident Energy (eV)

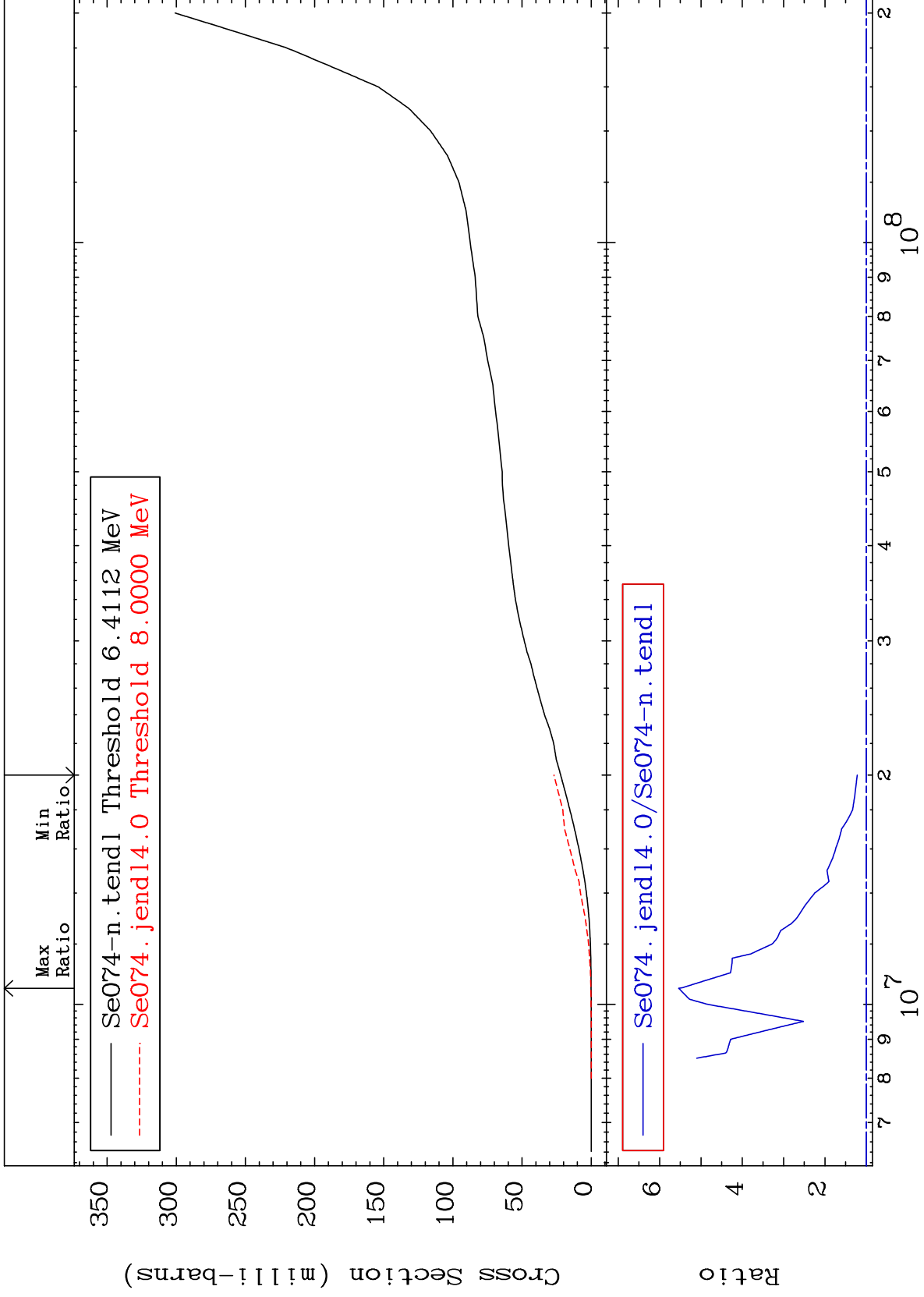
$^{34}\text{Se-74}$



MAT 3425

Deuterium Production  
Cross Section

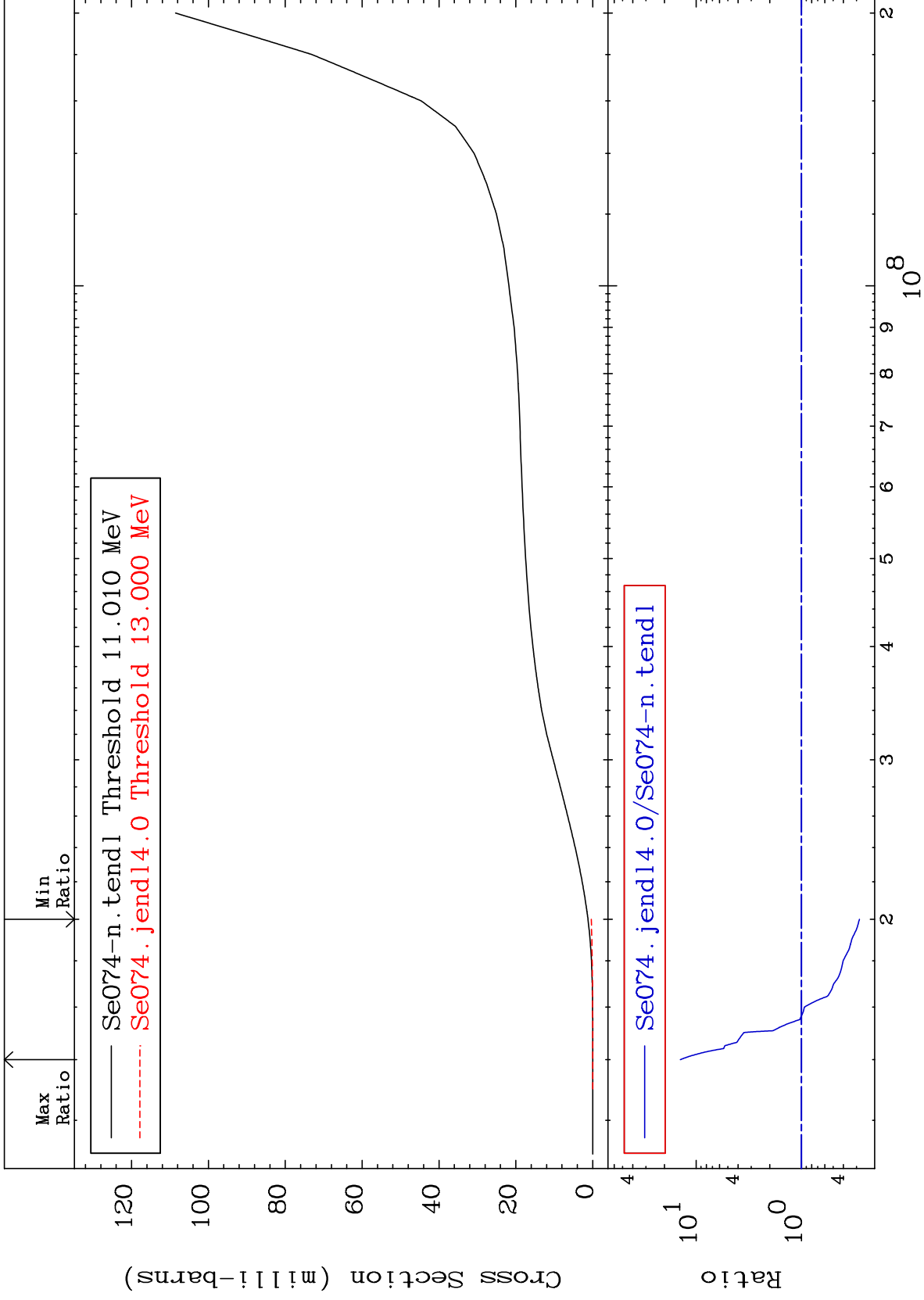
<sup>34</sup>Se-74  
21.94 To 454.0 %

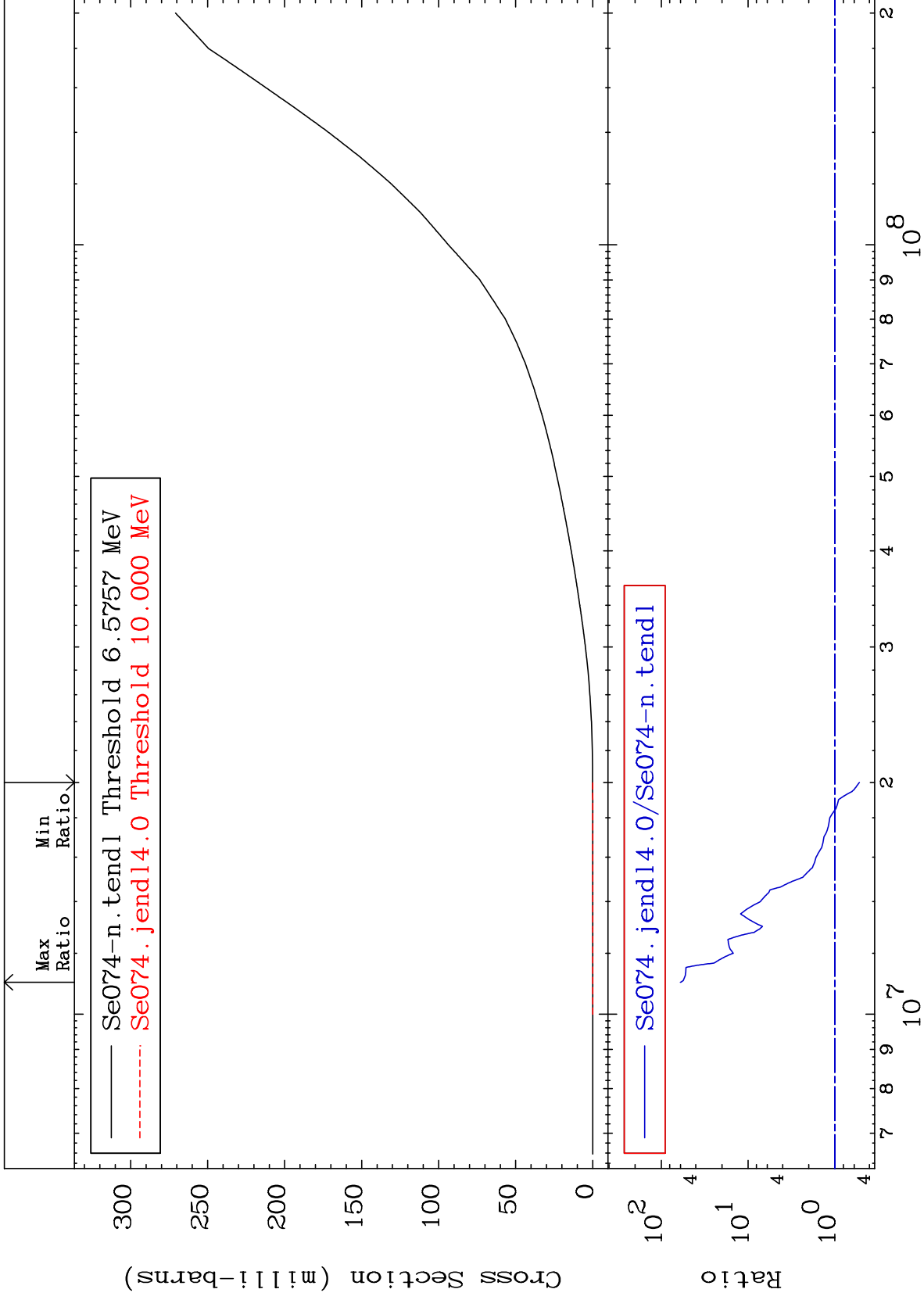


37

Incident Energy (eV)

<sup>34</sup>Se-74

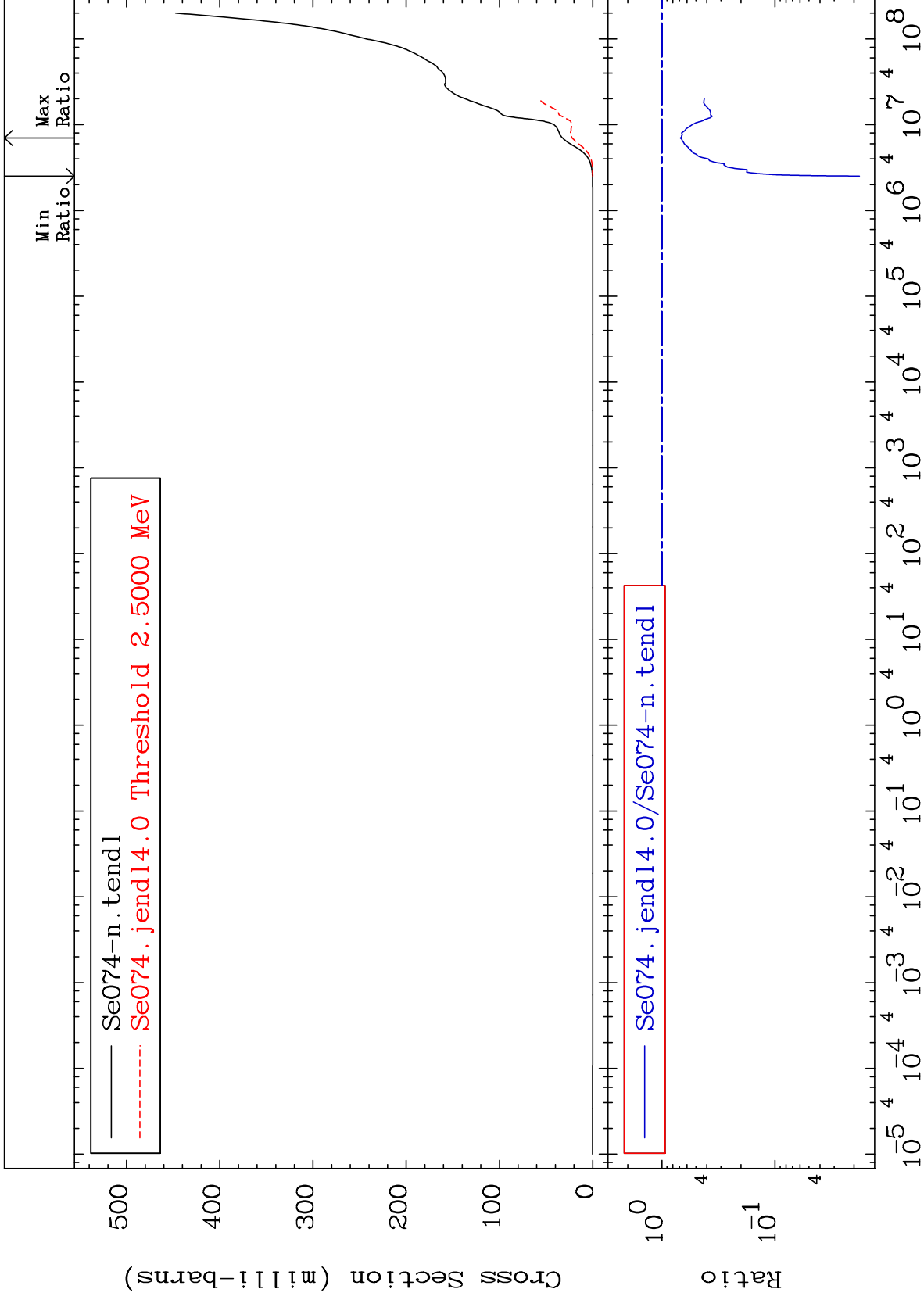




MAT 3425

He-4 Production  
Cross Section

<sup>34</sup>Se-74  
-98.21 To -31.38%

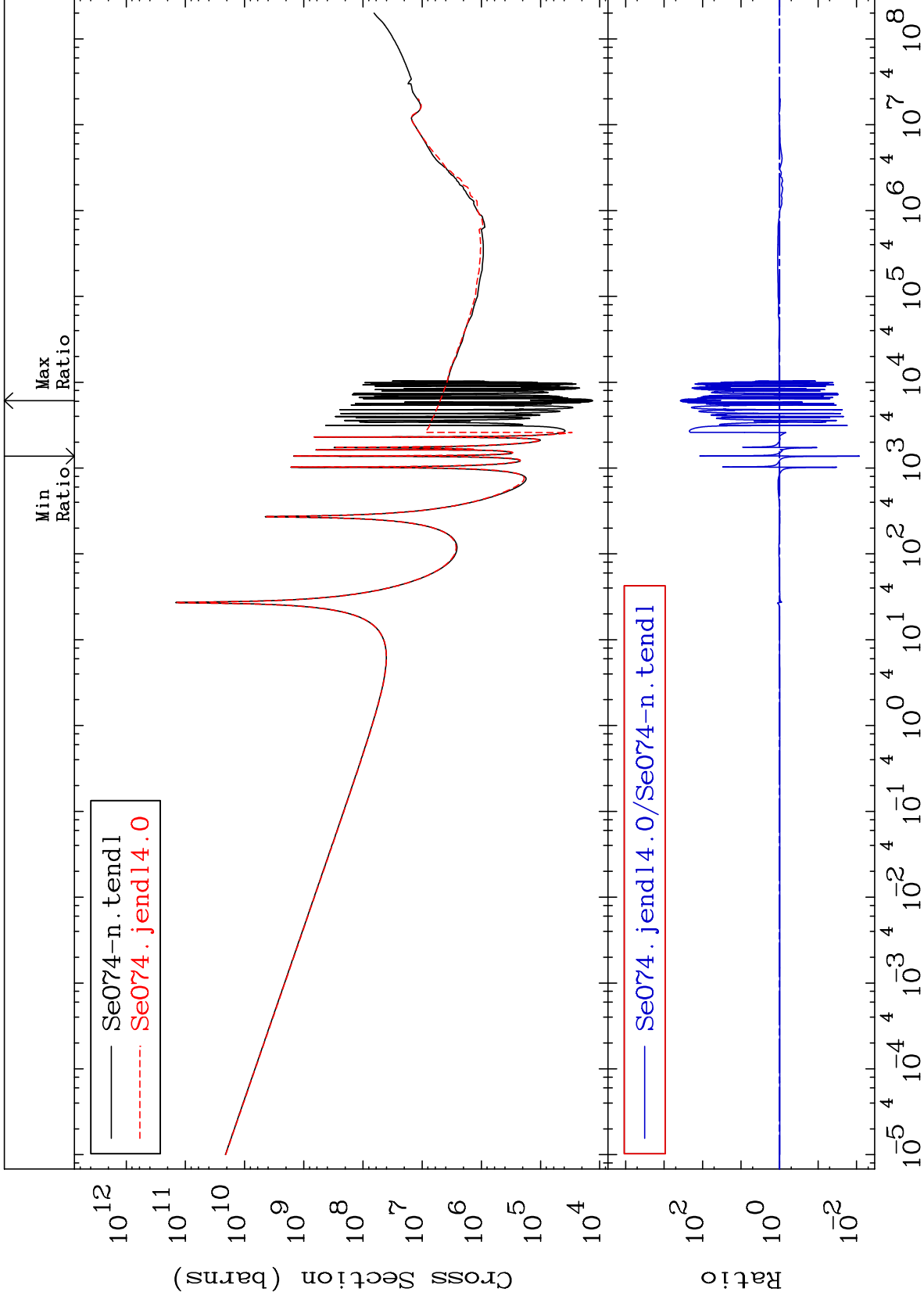


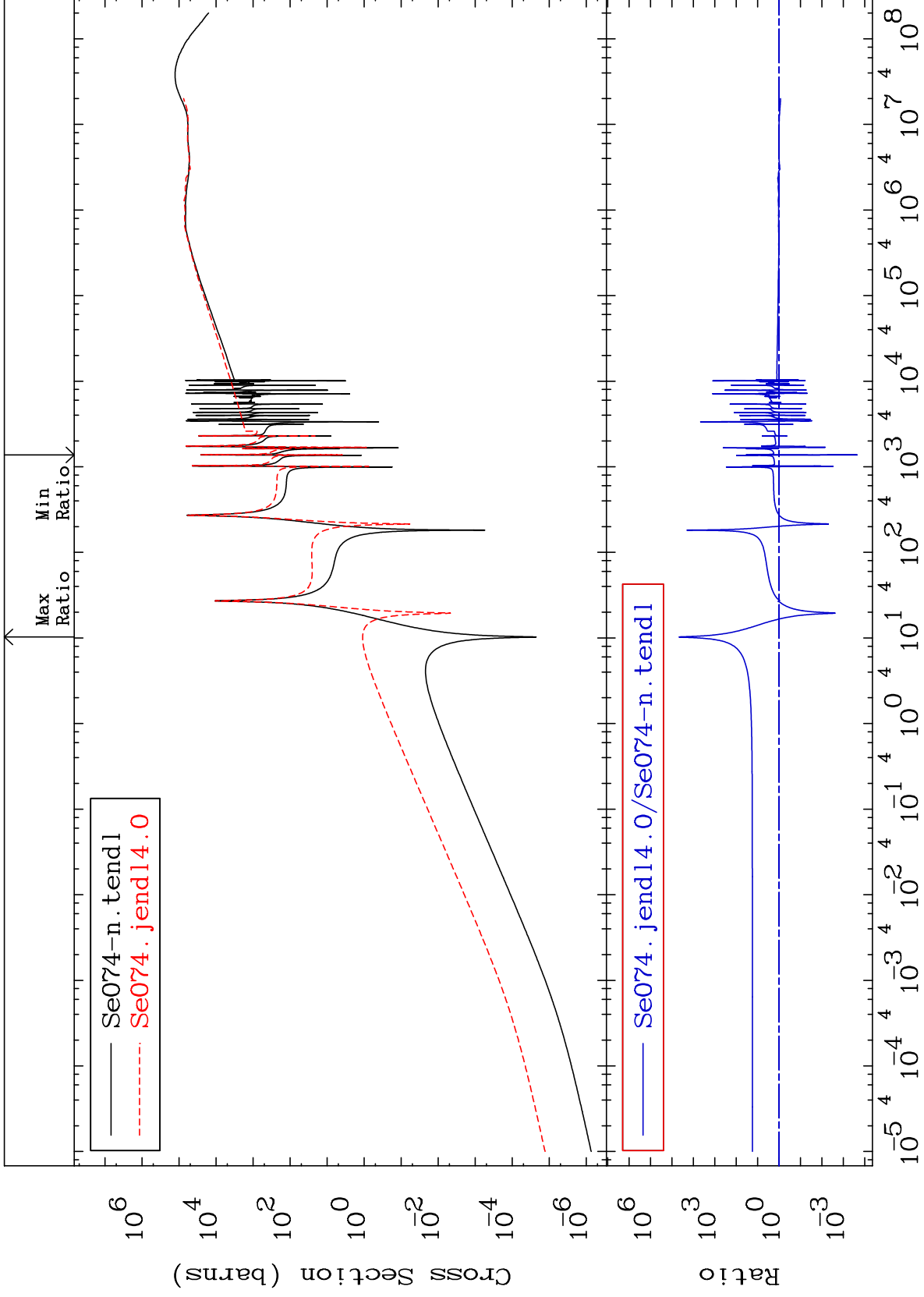
40

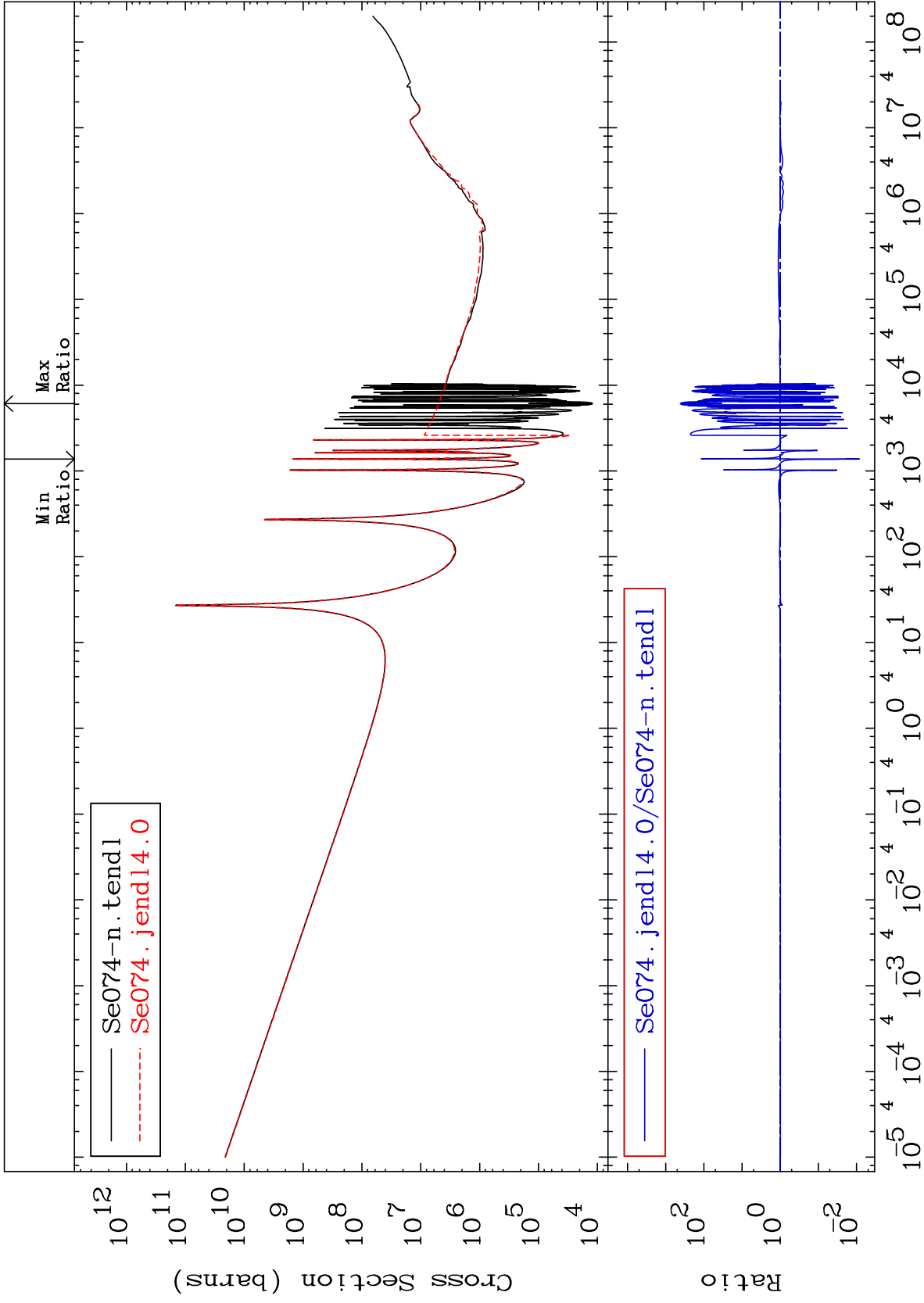
Incident Energy (eV)

<sup>34</sup>Se-74





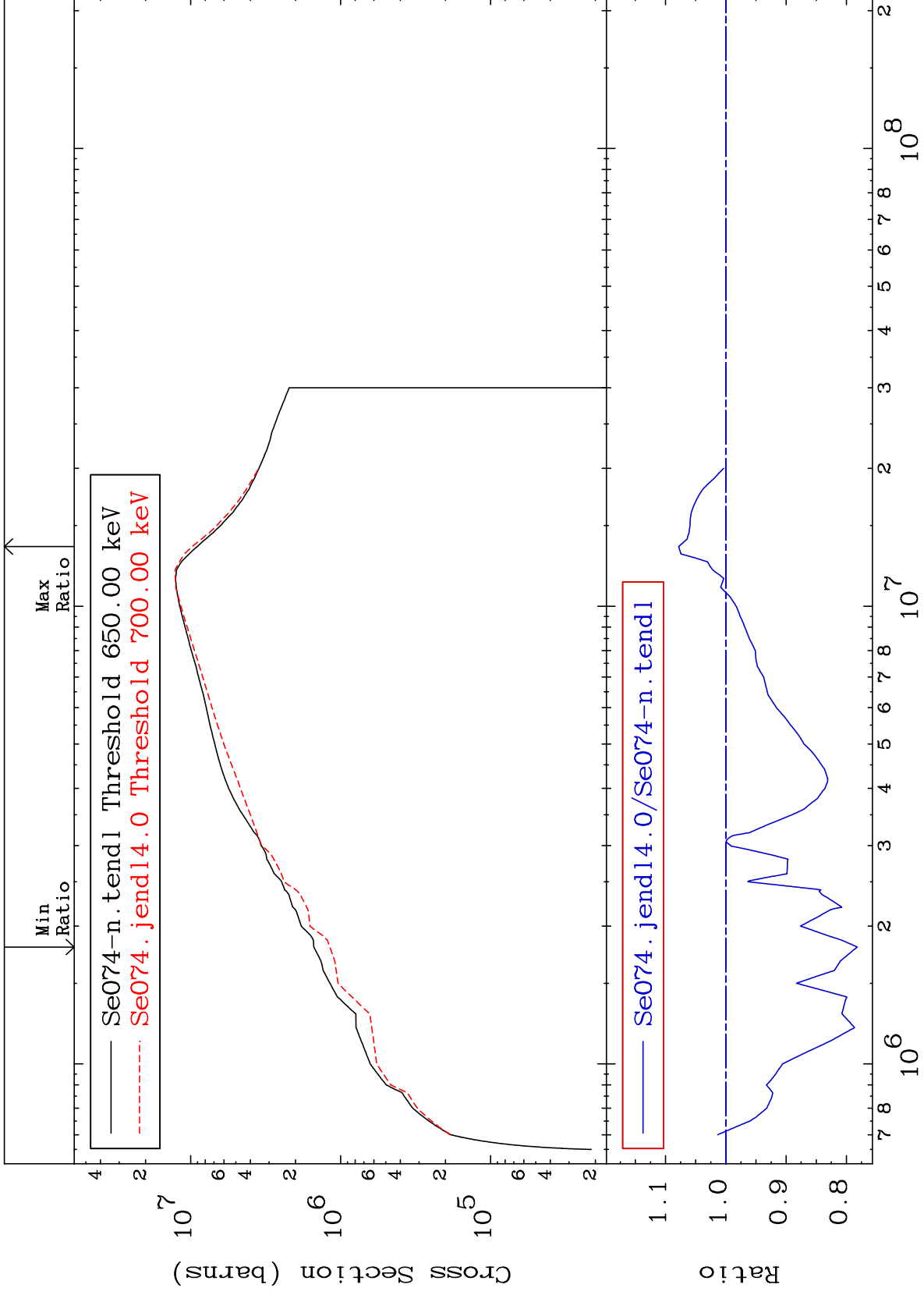




MAT 3425

Kerma inelastic (mt51-91)  
Cross Section

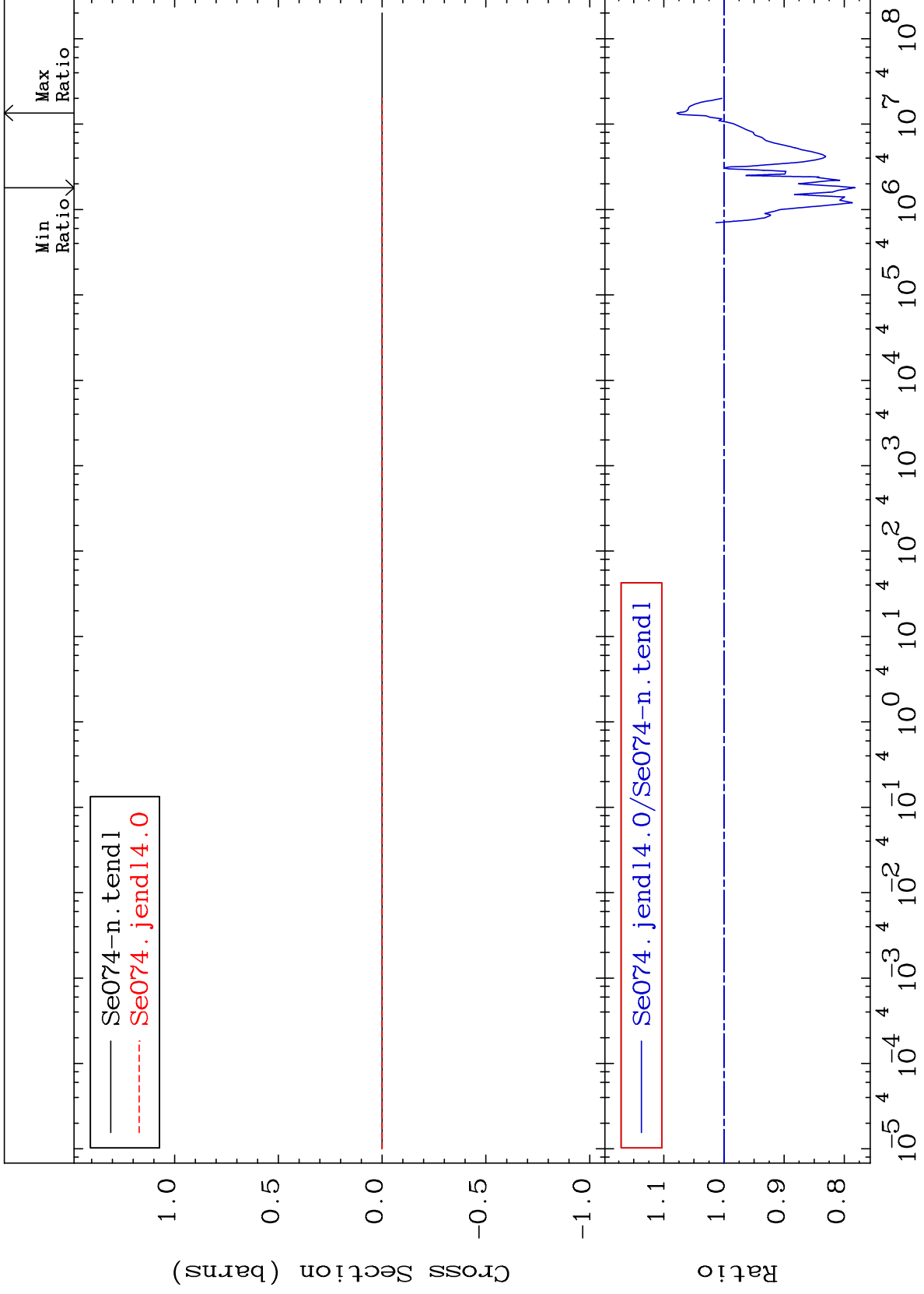
<sup>34</sup>Se-74  
-21.80 To 7.832 %

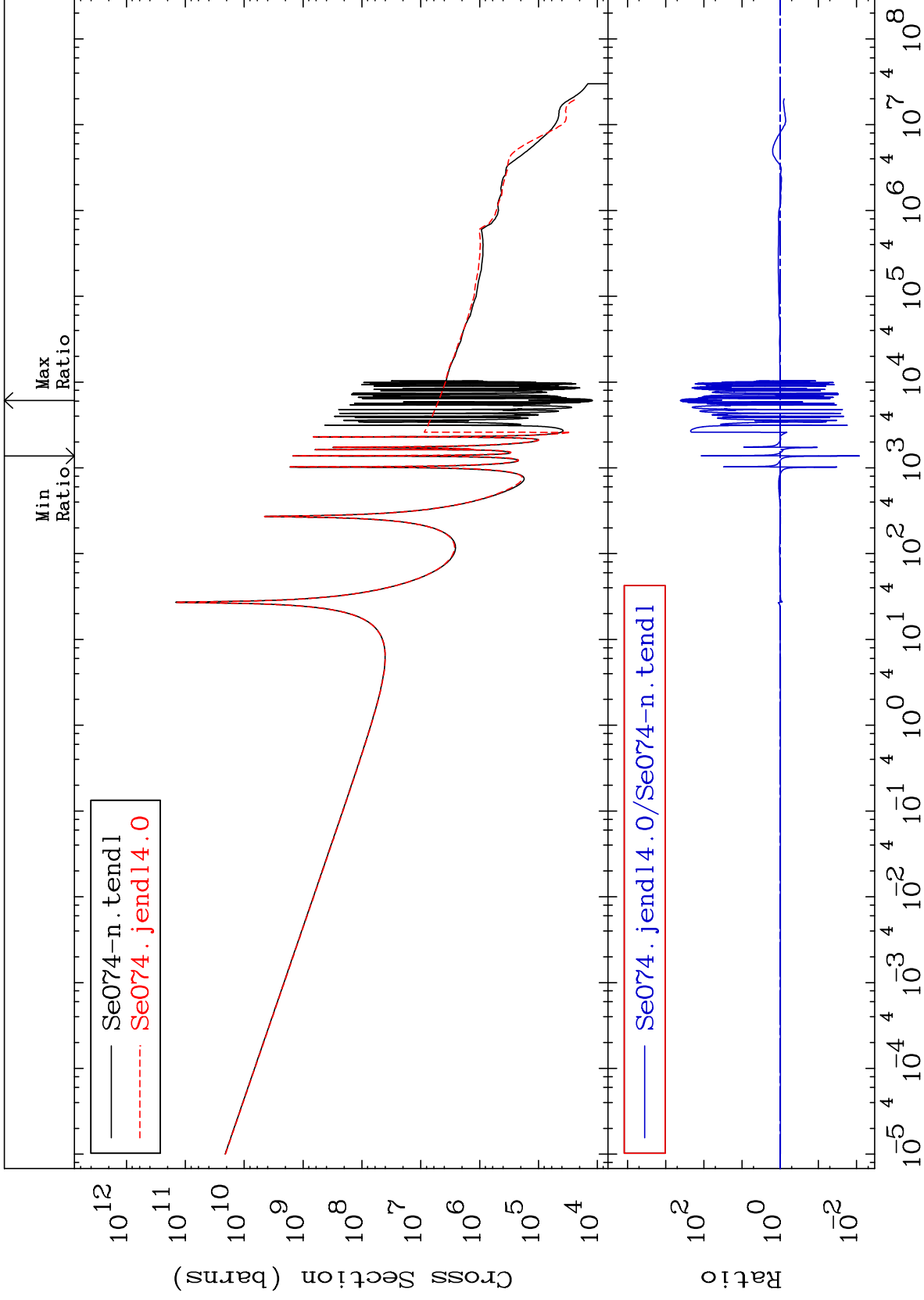


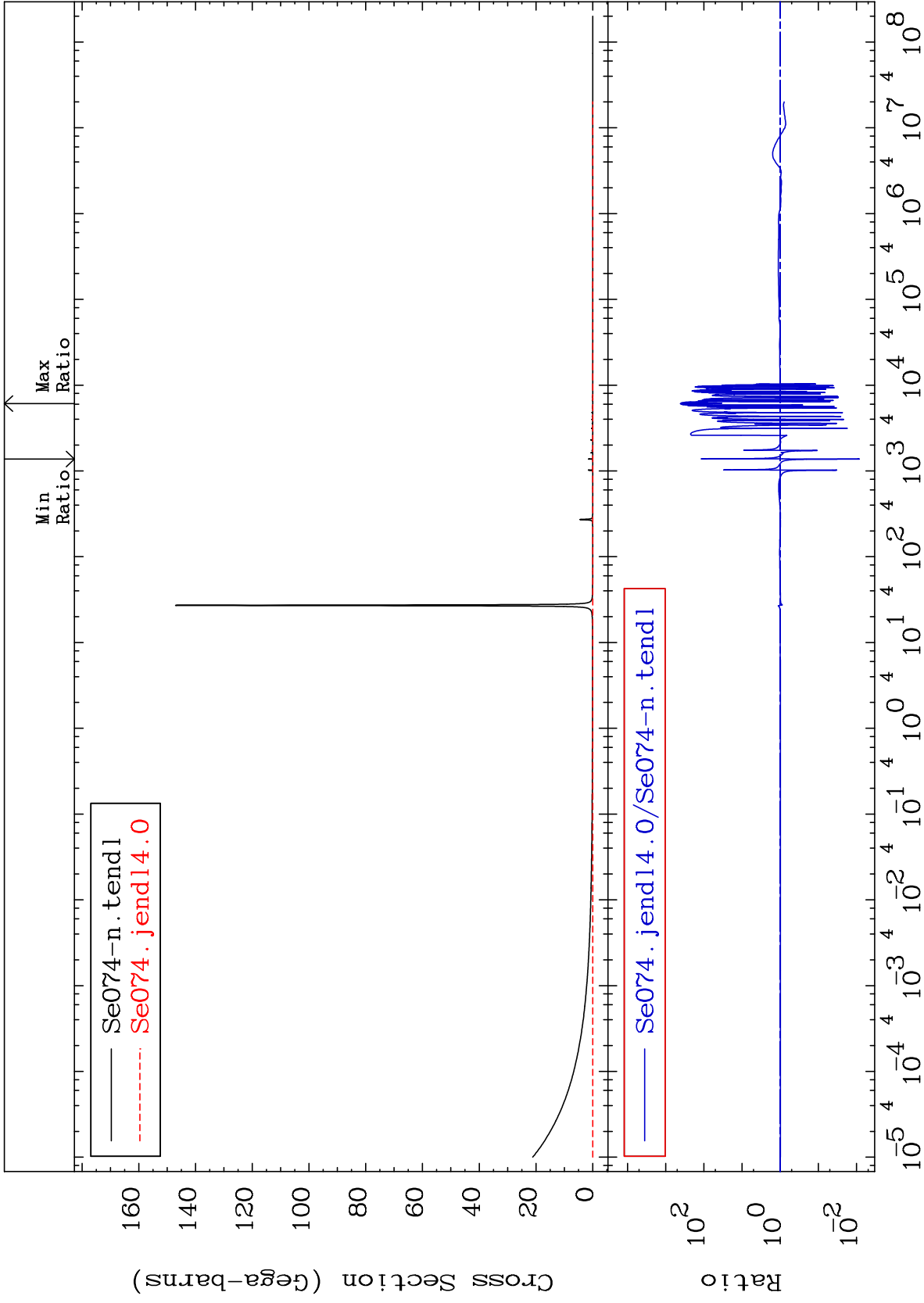
MAT 3425

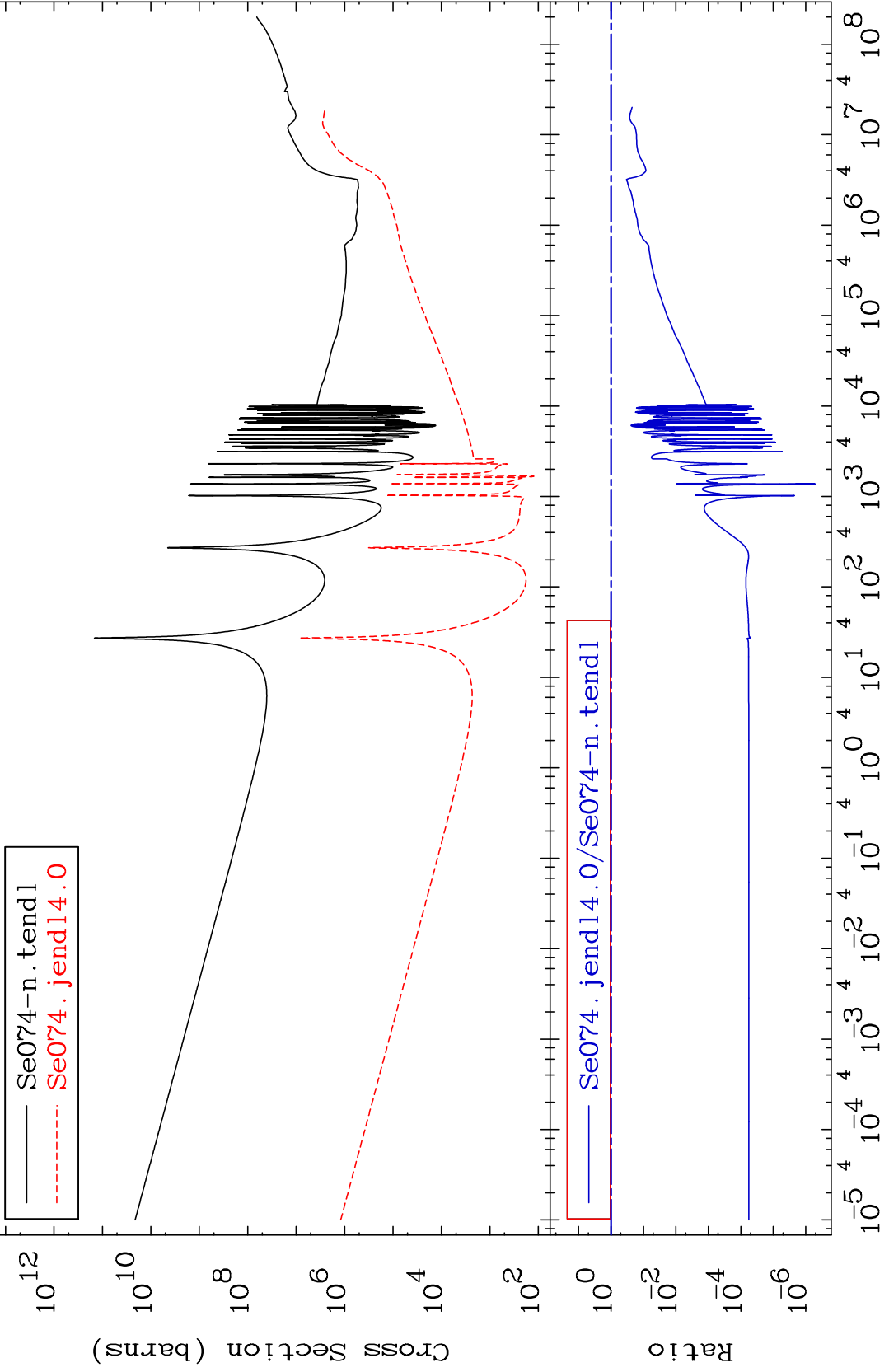
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

34-Se-74  
-21.80 To 7.832 %

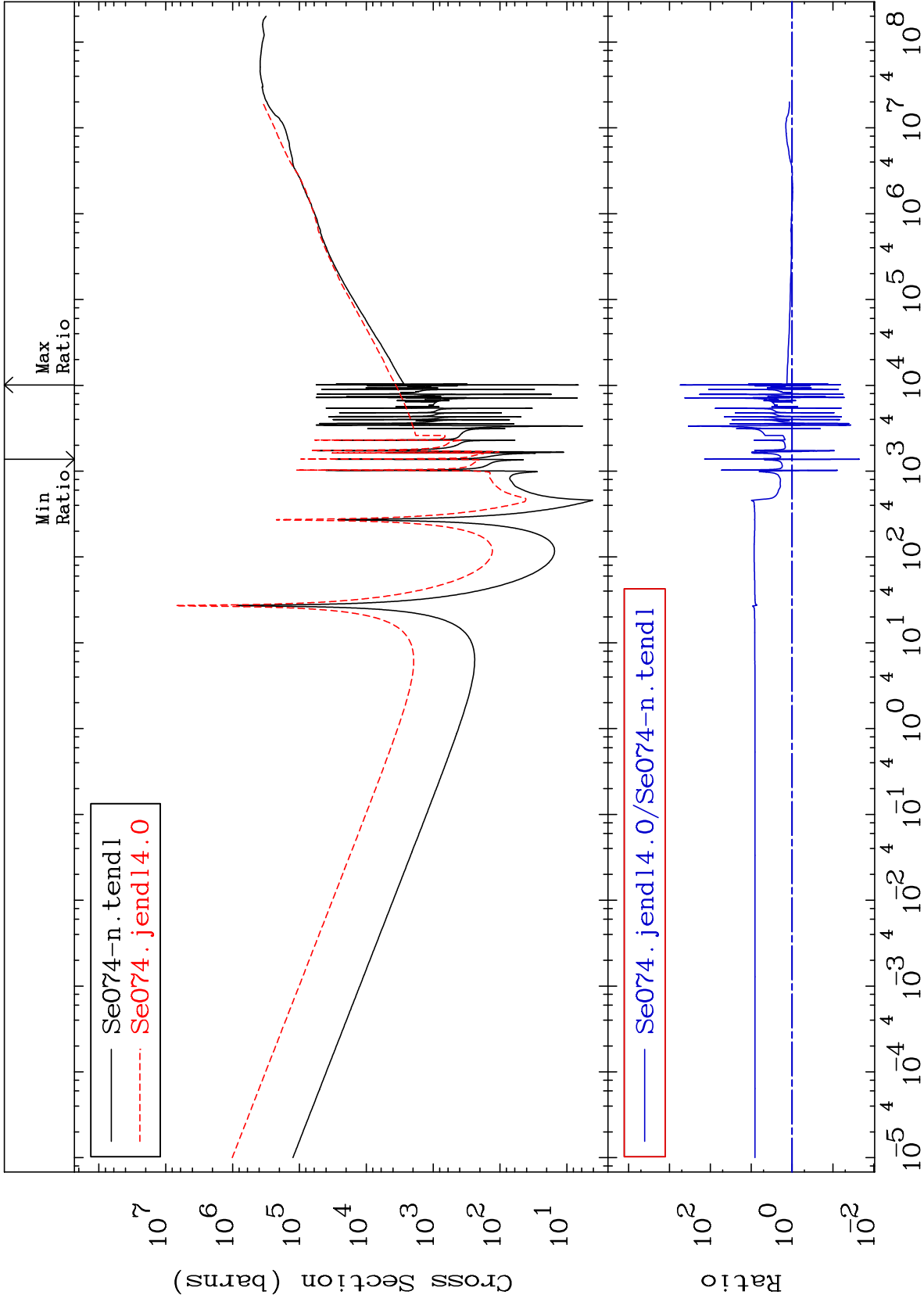


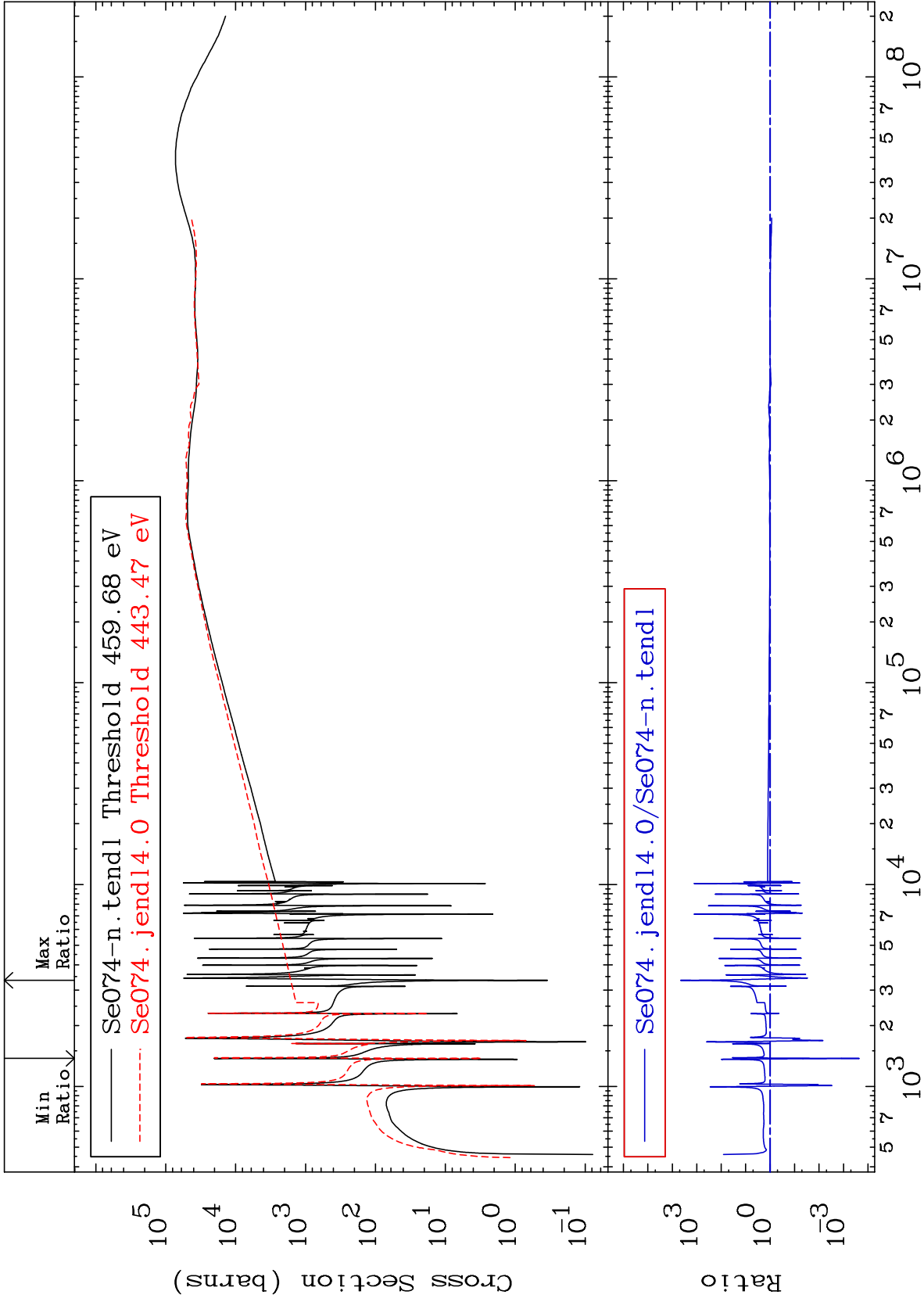










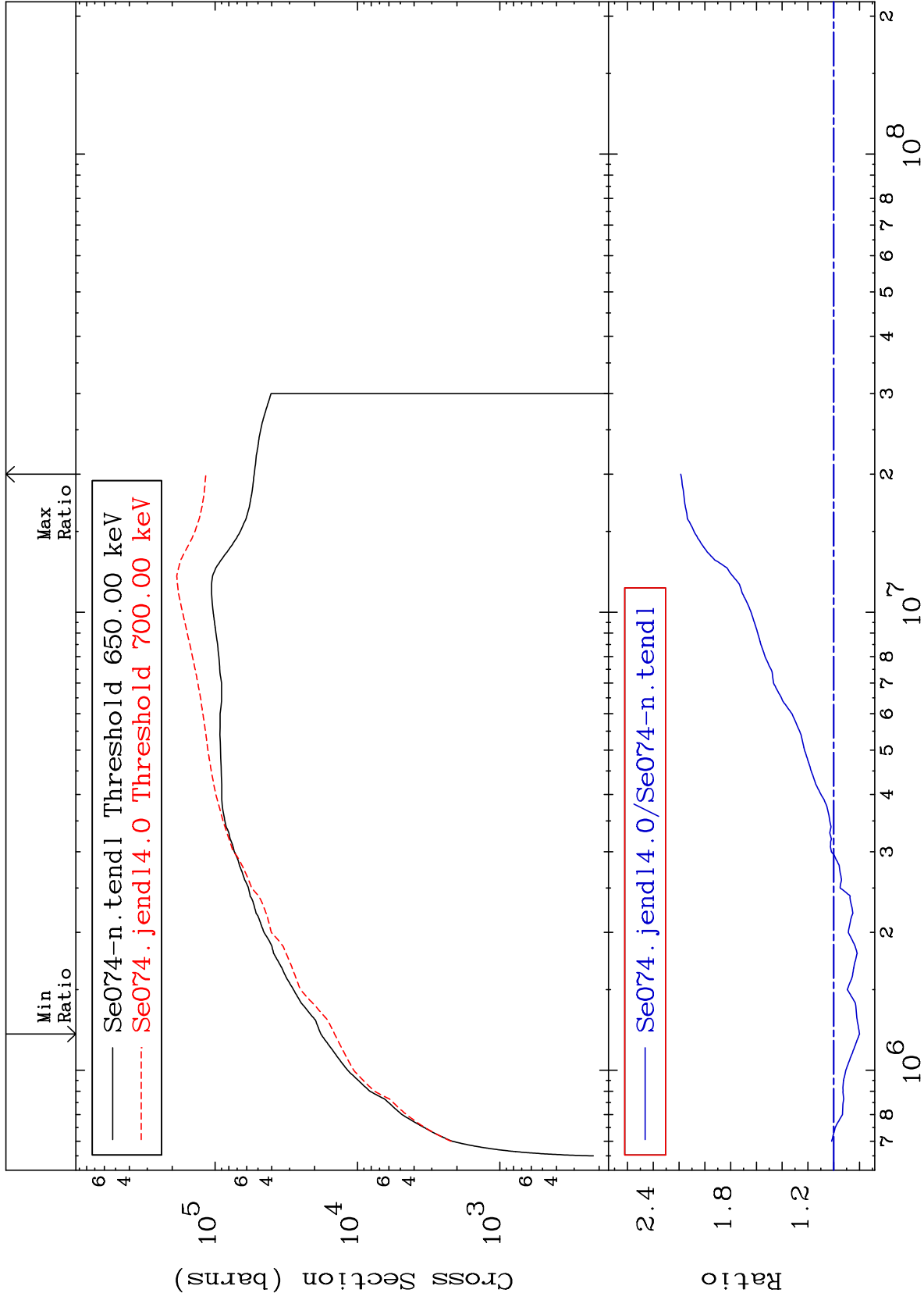


MAT 3425

Dpa inelastic (mt51-91)  
Cross Section

<sup>34</sup>Se-74

-20.01 To 118.7 %



51

Incident Energy (eV)

<sup>34</sup>Se-74

