

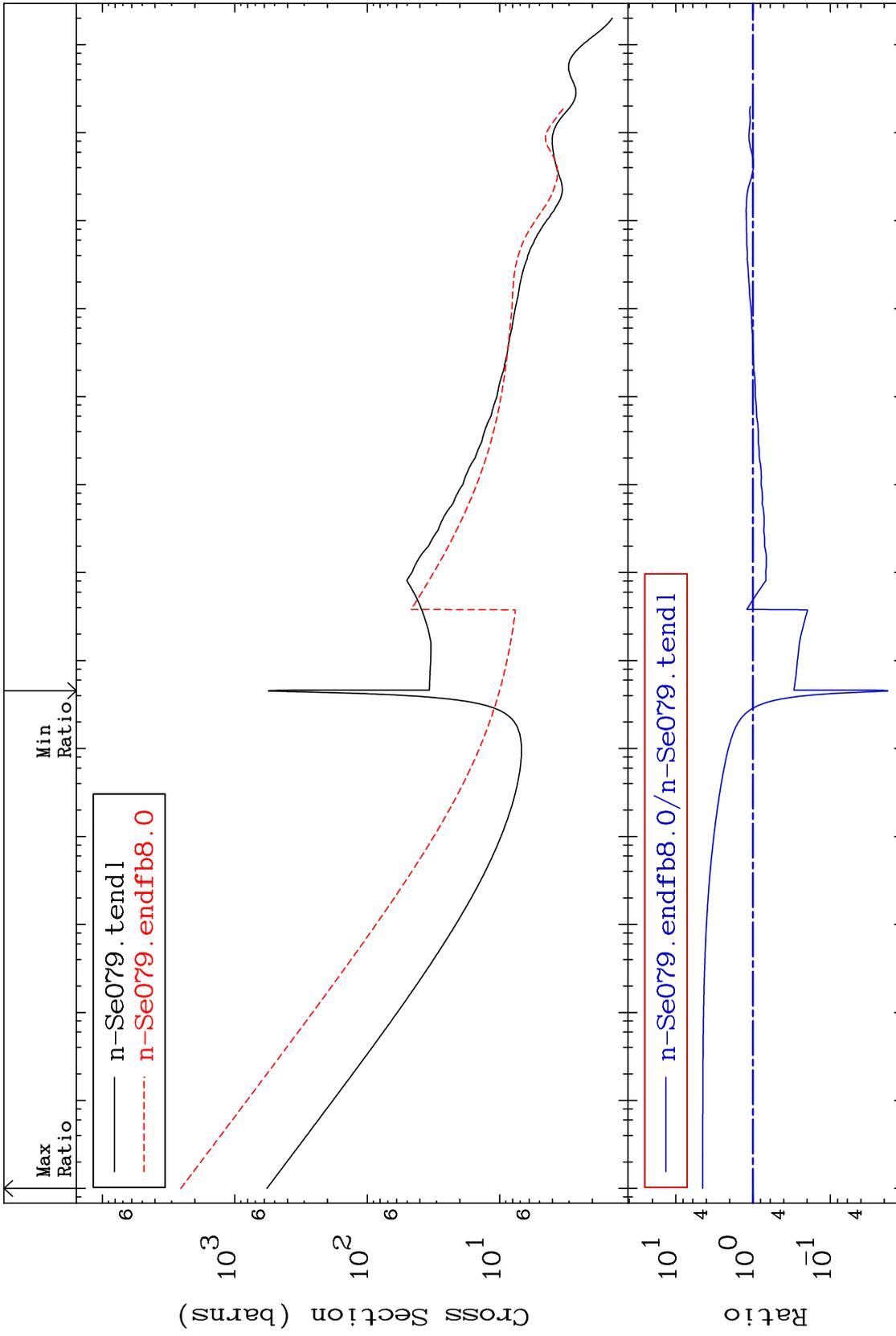
MAT 3440

Total

<sup>34</sup>Se-79

Cross Section

-98.21 To 346.4 %



Incident Energy (eV)

<sup>34</sup>Se-79

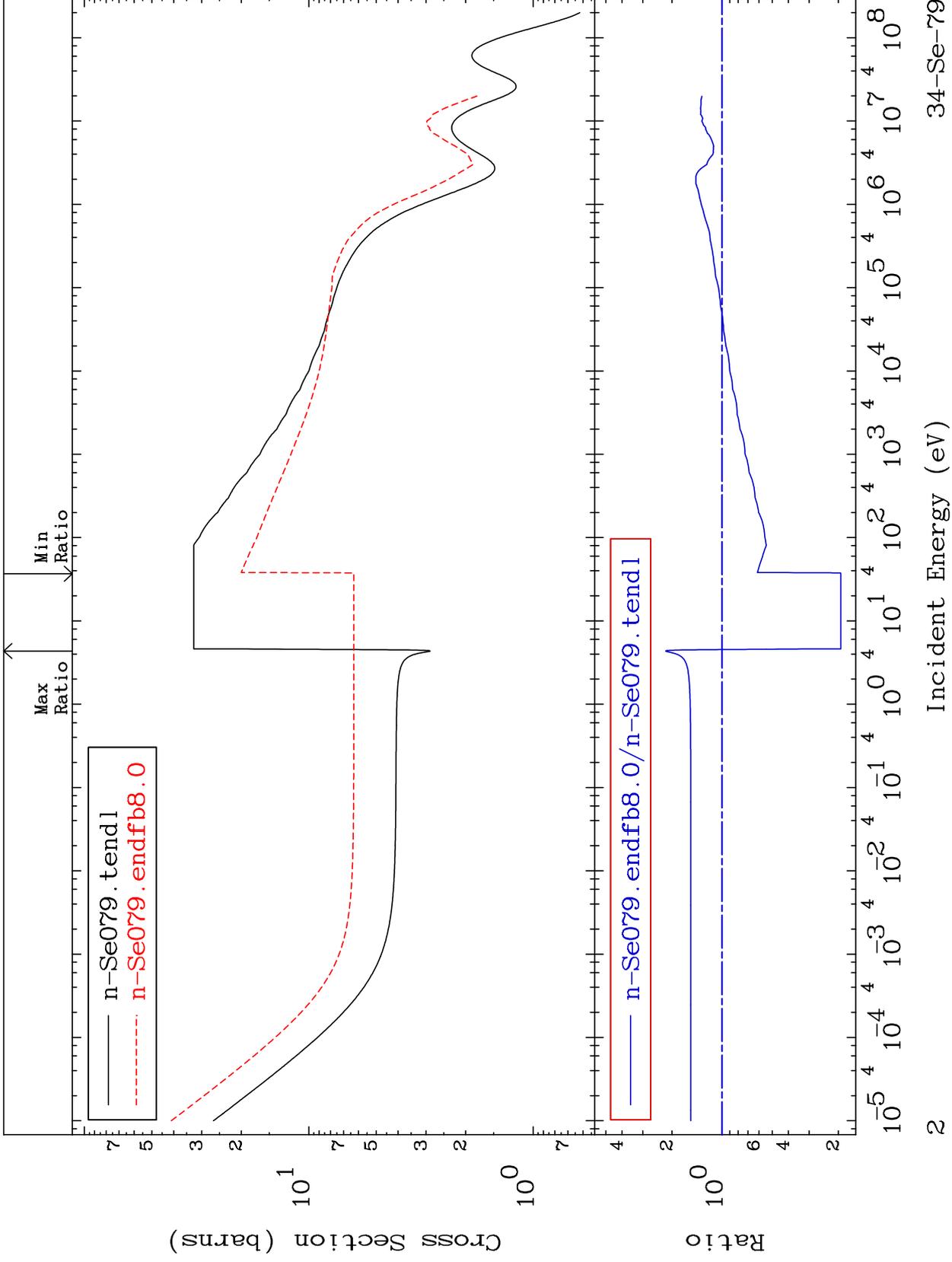
MAT 3440

Elastic

<sup>34</sup>Se-79

Cross Section

-80.66 To 118.9 %

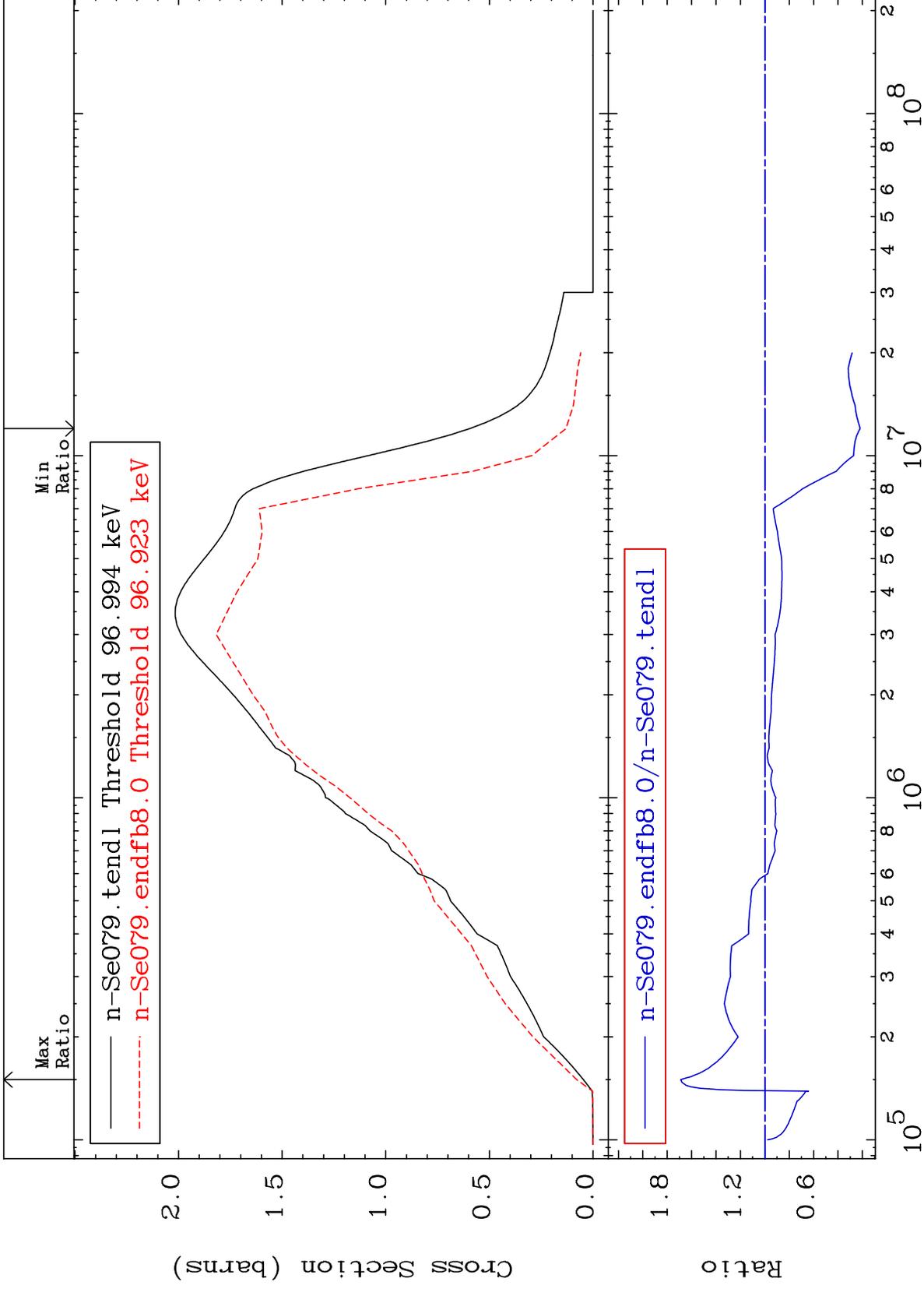


<sup>34</sup>Se-79

MAT 3440

Inelastic  
Cross Section

<sup>34</sup>Se-79  
-78.07 To 68.89 %



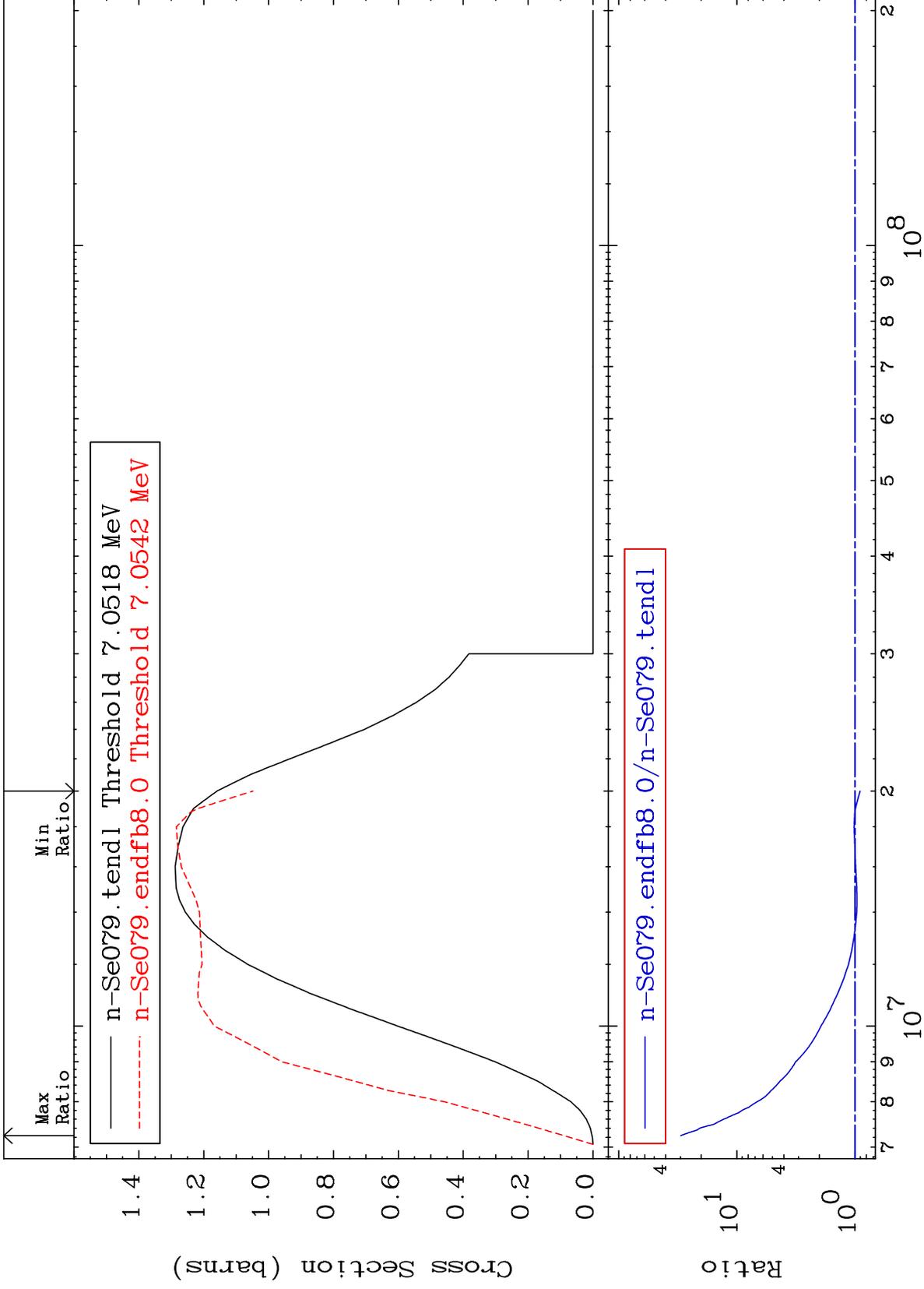
<sup>34</sup>Se-79

3

MAT 3440

(n,2n)  
Cross Section

<sup>34</sup>Se-79  
-9.579 To 2881. %



4

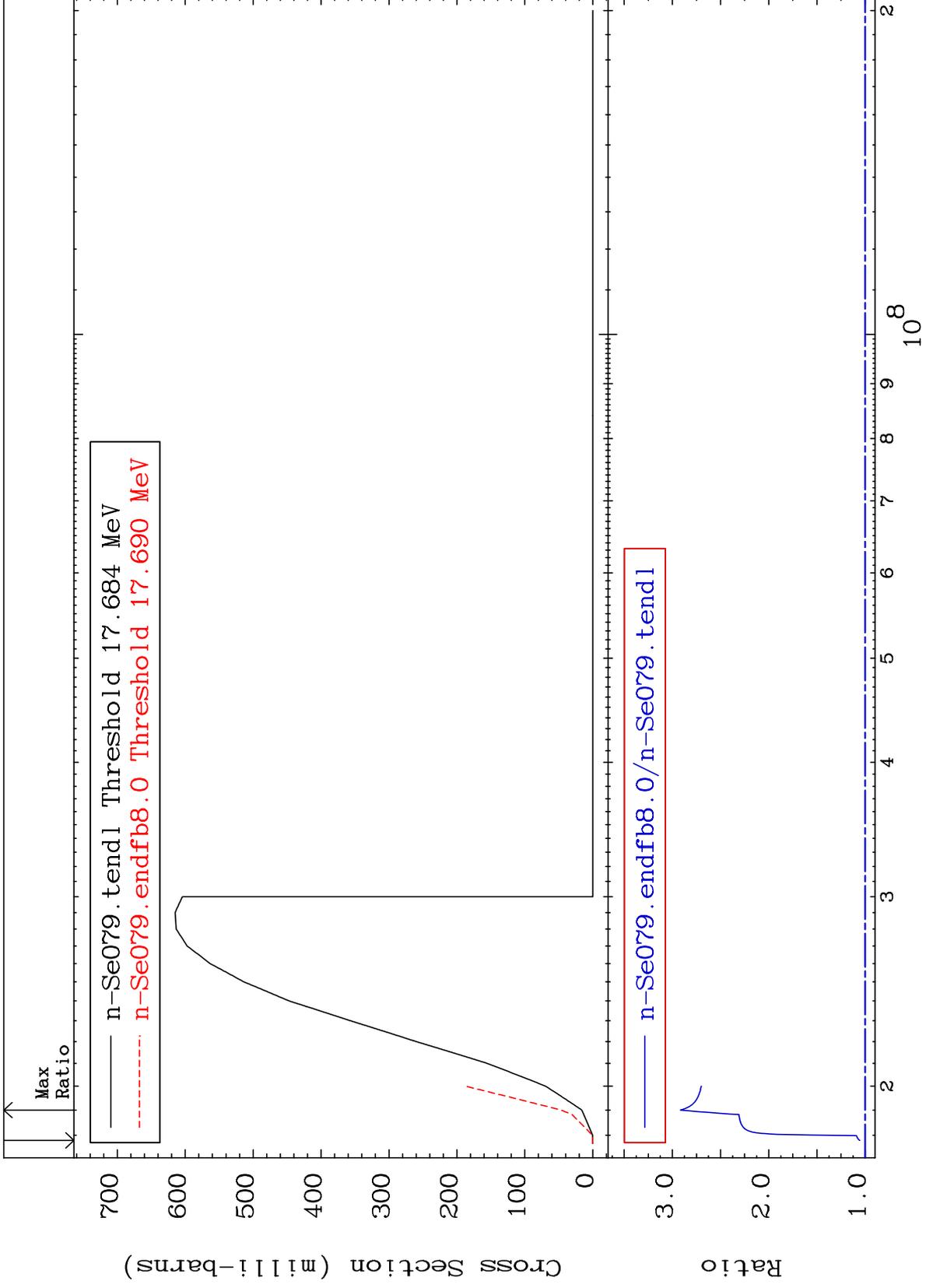
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

(n,3n)  
Cross Section

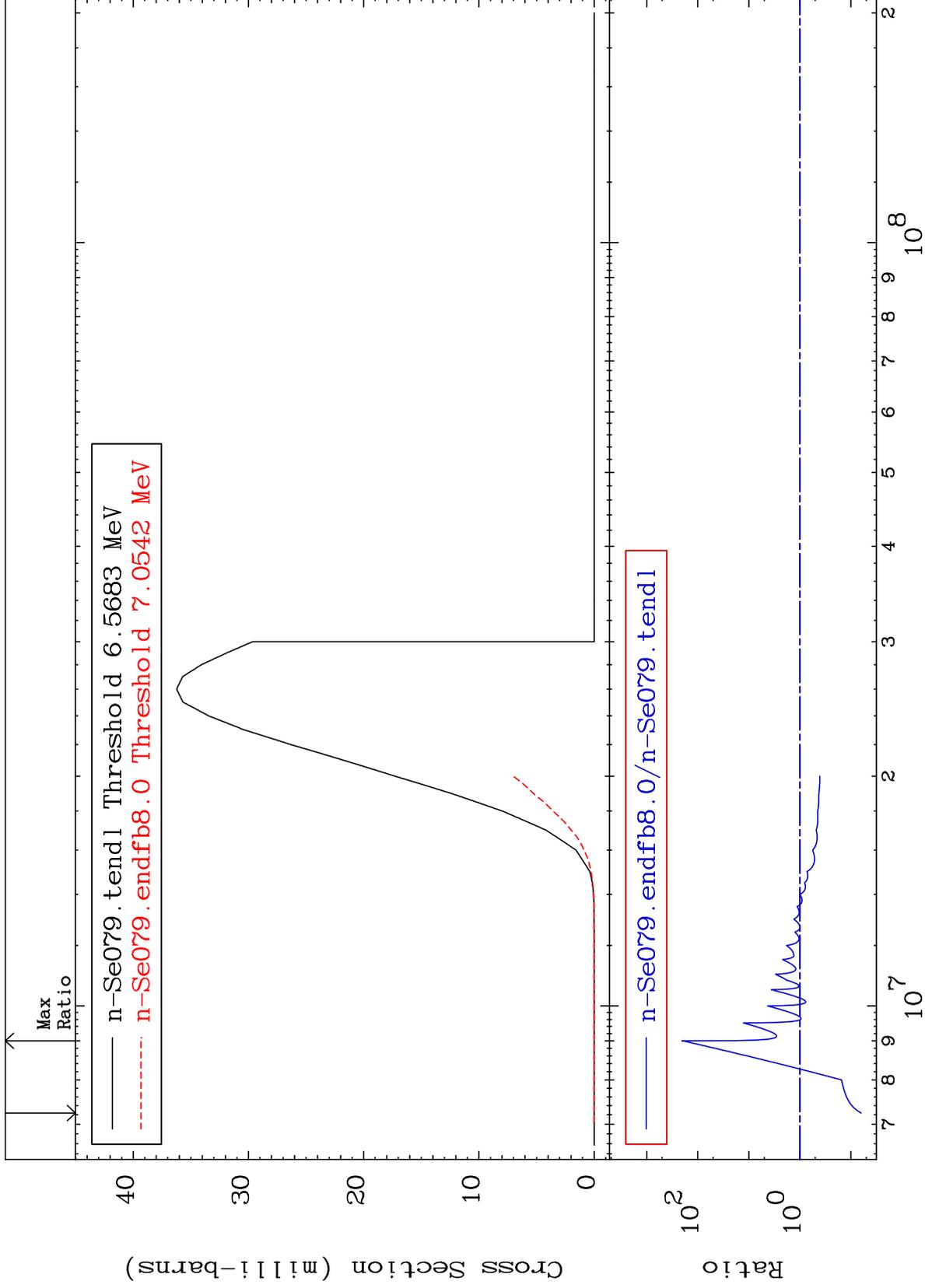
<sup>34</sup>Se-79  
5.566 To 191.5 %



MAT 3440

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

$^{34}\text{Se-79}$   
-93.67 To 9999. %



6

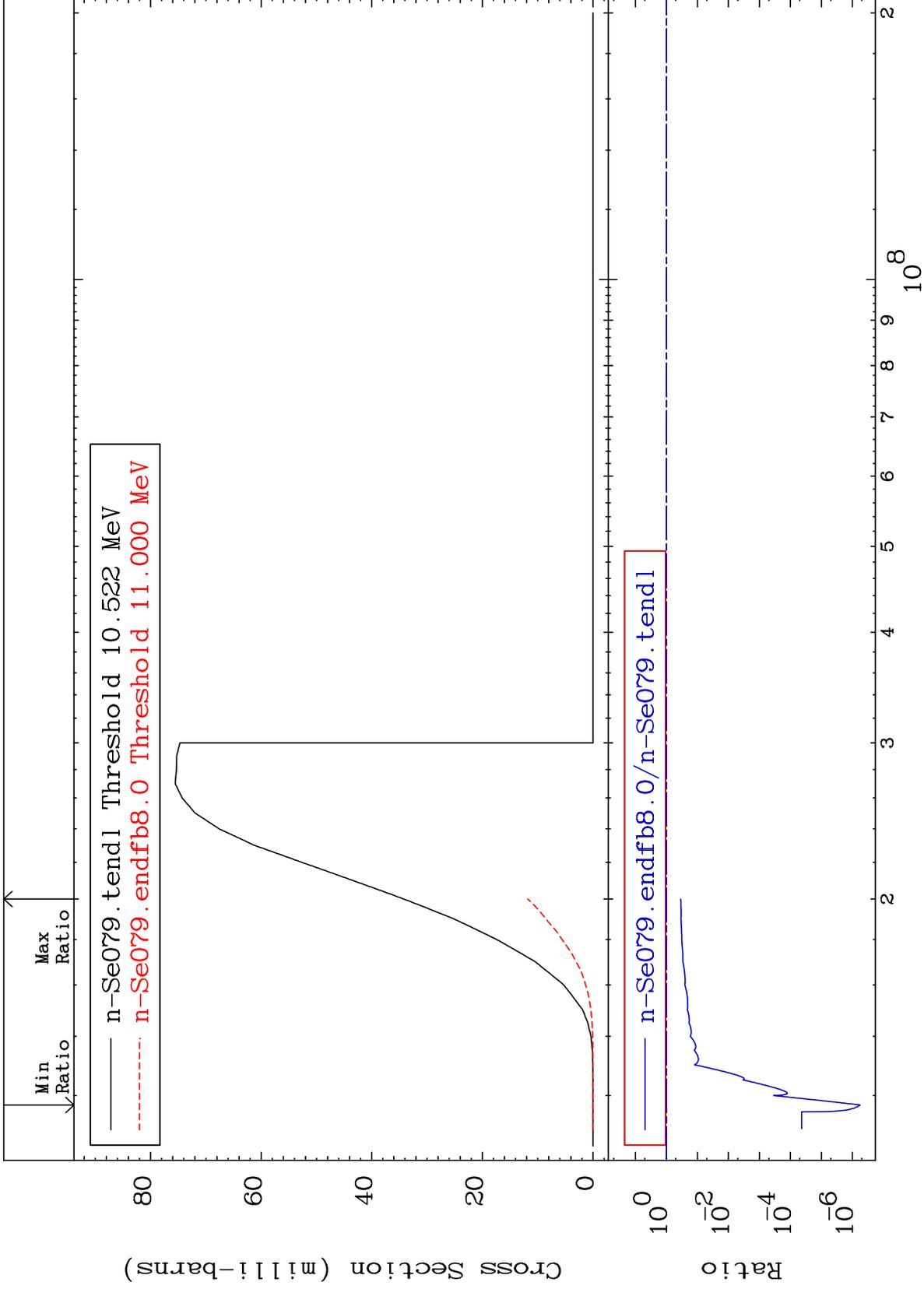
Incident Energy (eV)

$^{34}\text{Se-79}$

MAT 3440

(n,n') p  
Cross Section

<sup>34</sup>Se-79  
-100.0 To -65.53%



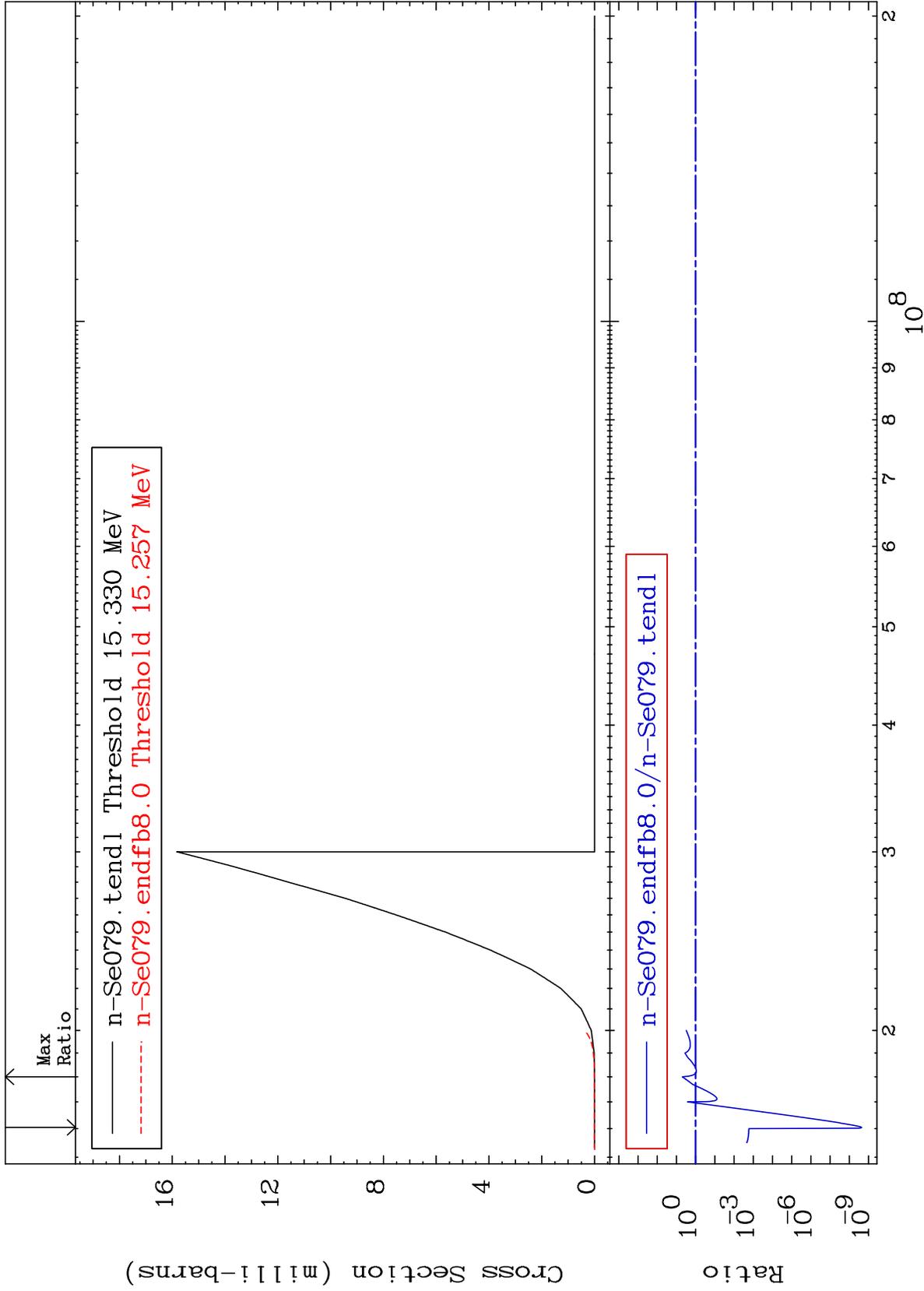
MAT 3440

(n,n') d

<sup>34</sup>Se-79

Cross Section

-100.0 To 389.3 %



8

Incident Energy (eV)

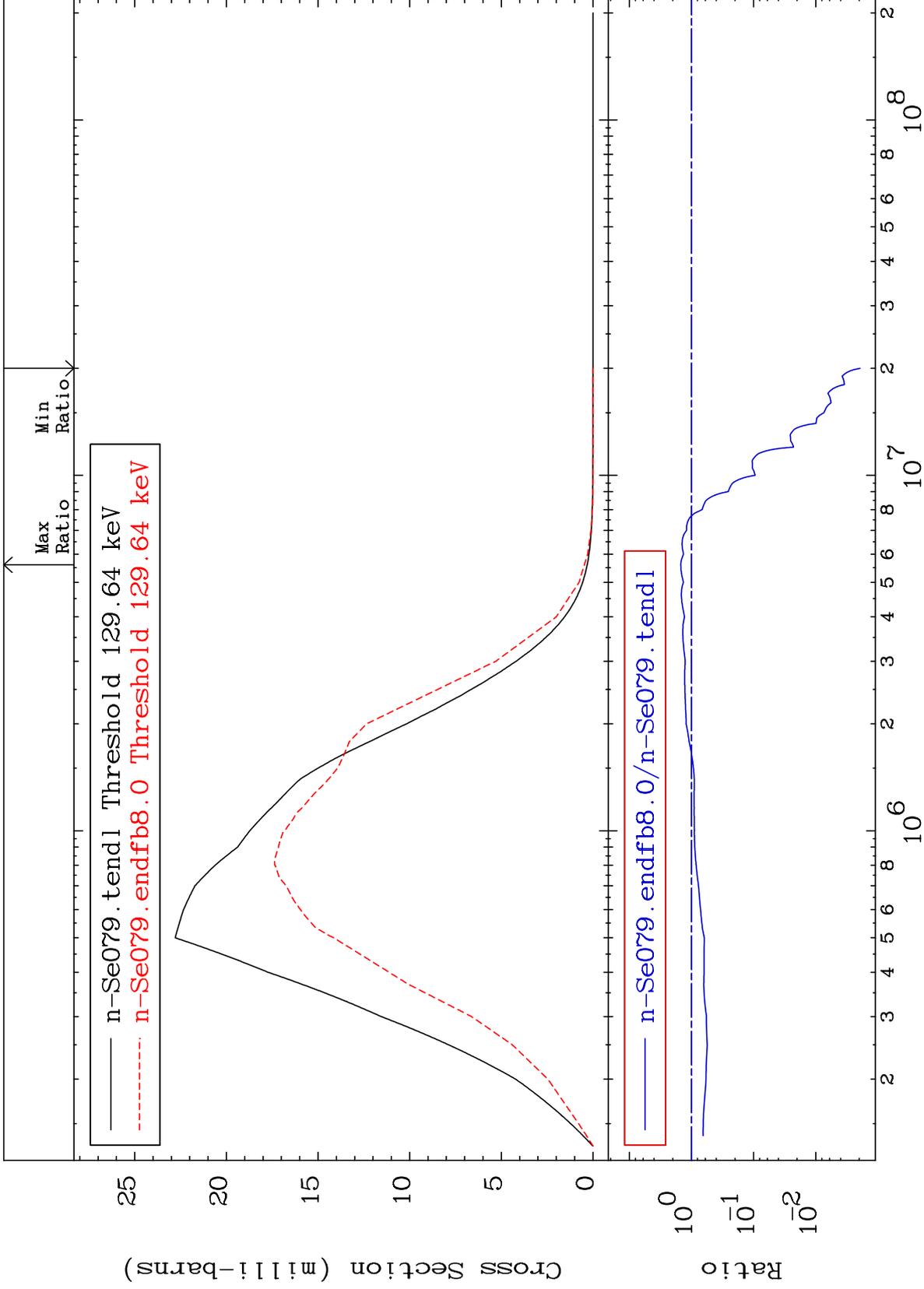
<sup>34</sup>Se-79



MAT 3440

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

<sup>34</sup>Se-79  
-99.81 To 48.76 %



10

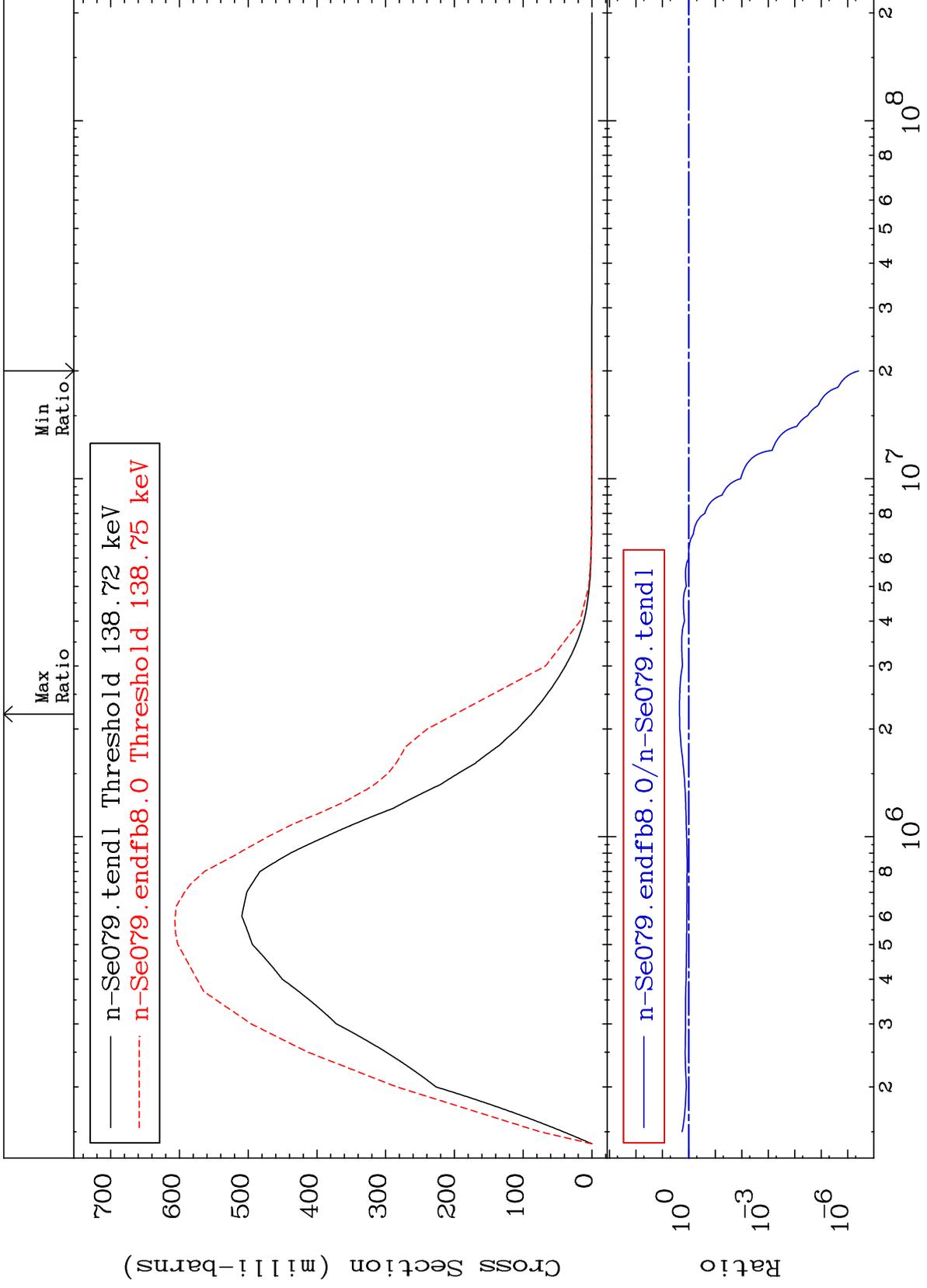
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

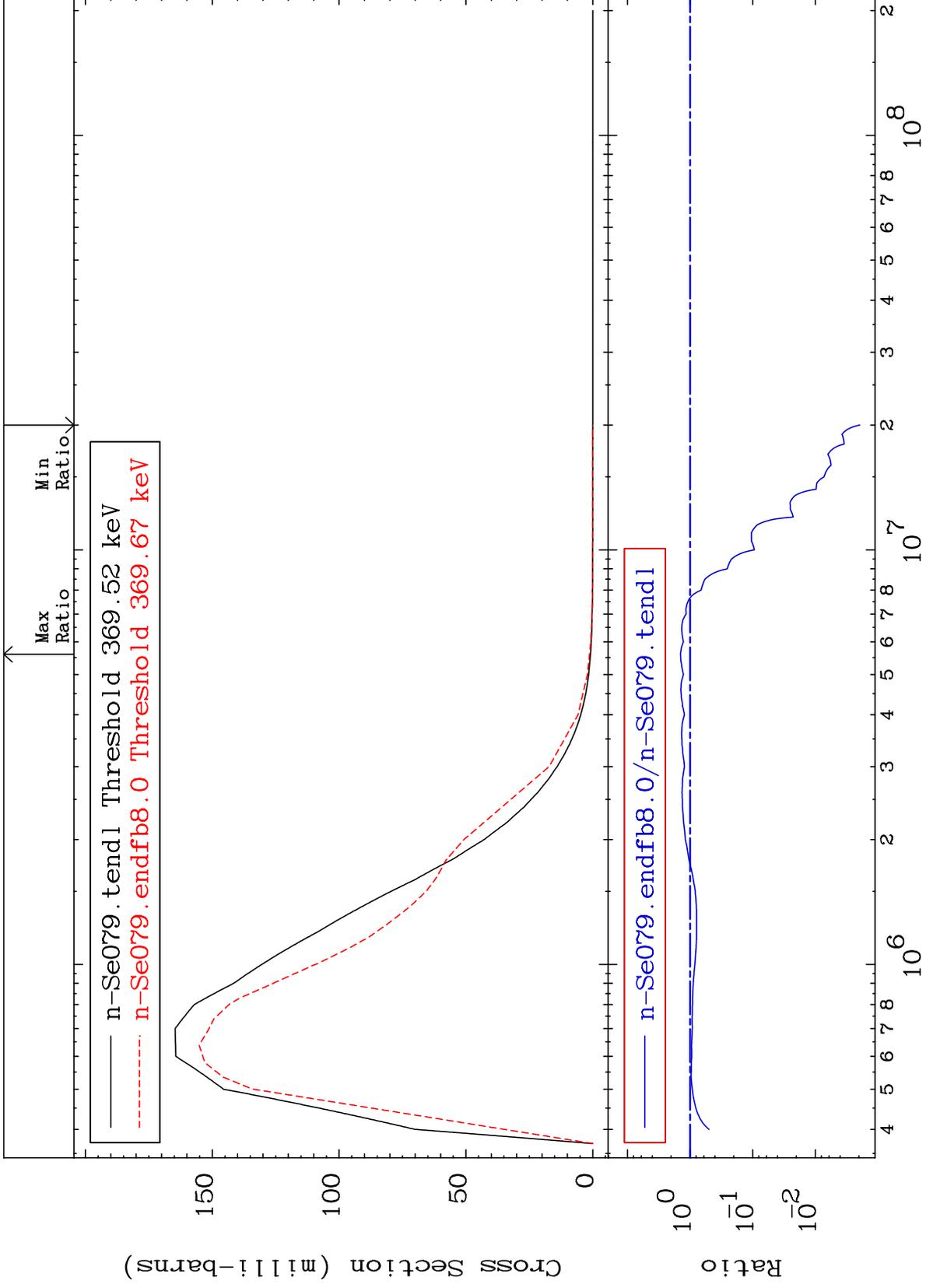
<sup>34</sup>Se-79  
-100.0 To 125.8 %



MAT 3440

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

<sup>34</sup>Se-79  
-99.81 To 41.82 %



12

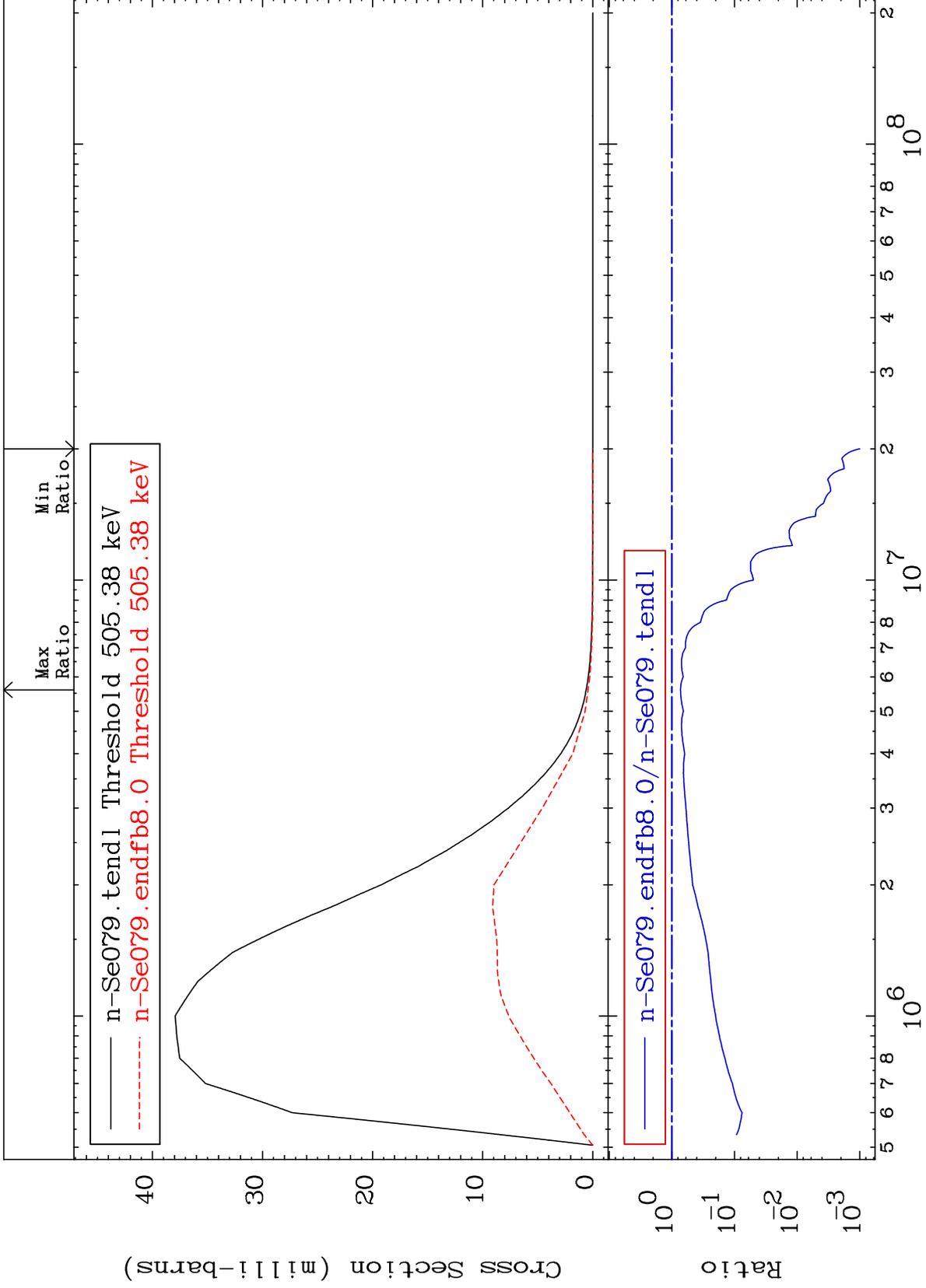
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

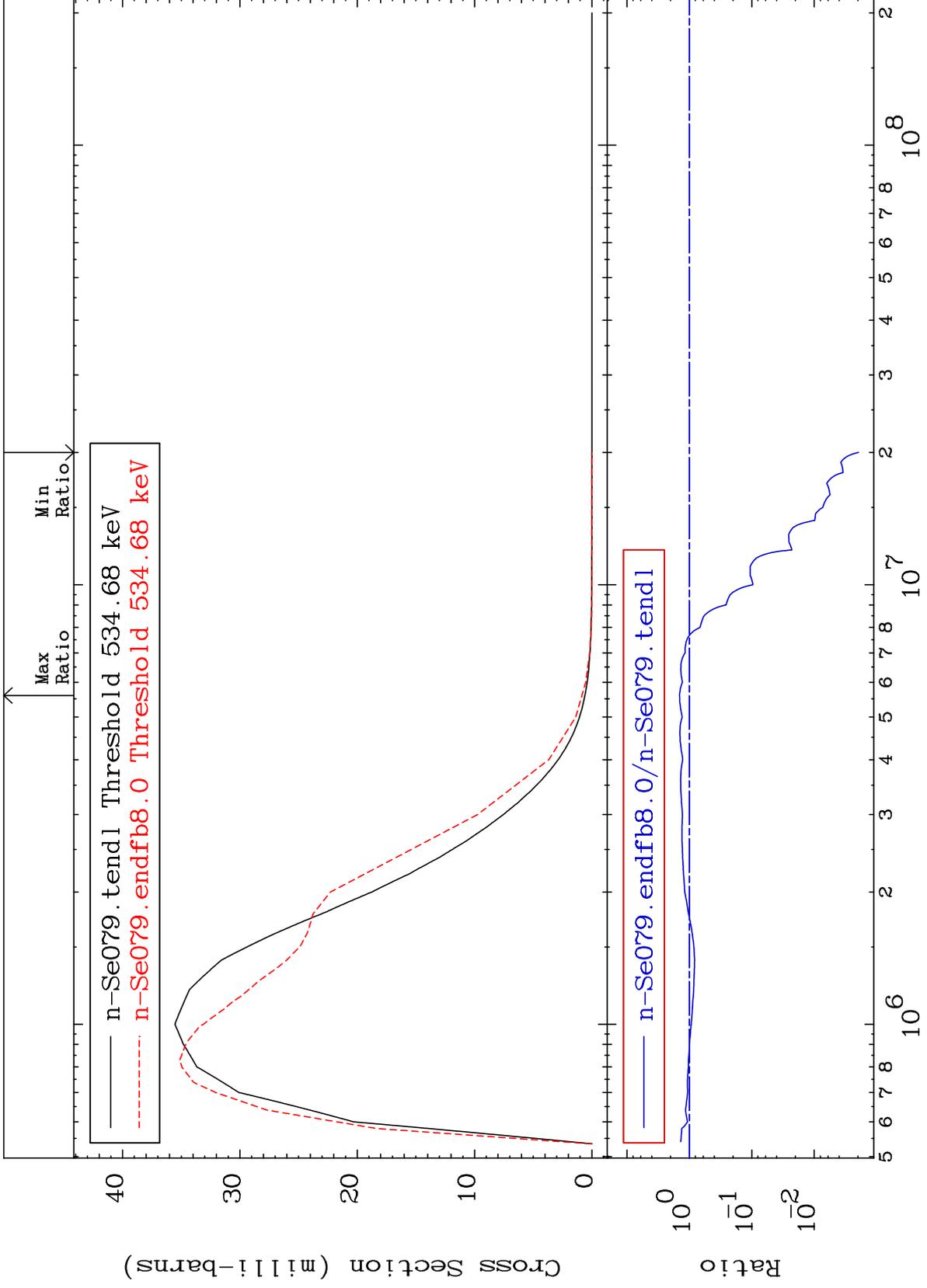
<sup>34</sup>Se-79  
-99.90 To -27.07%



MAT 3440

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

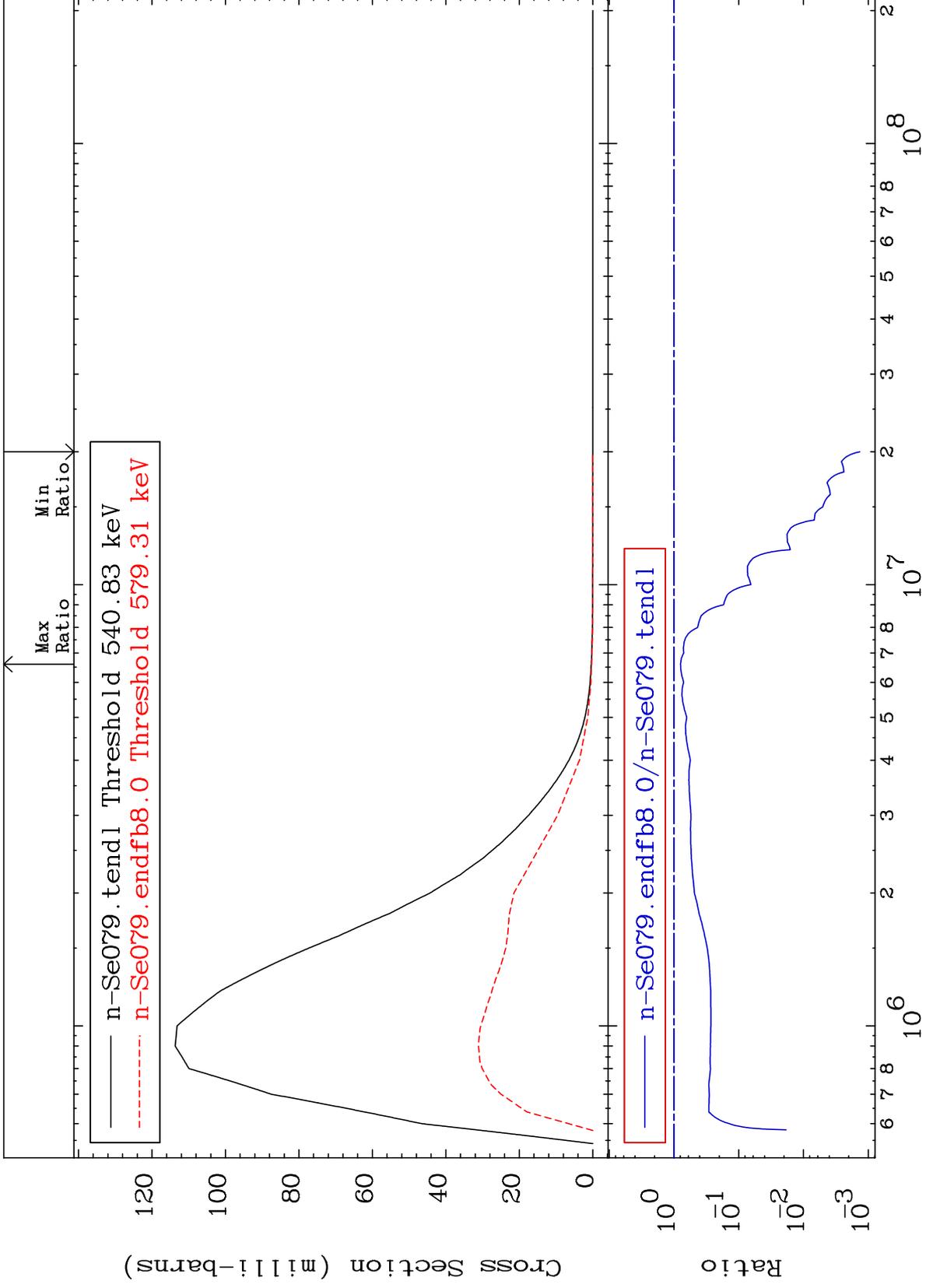
<sup>34</sup>Se-79  
-99.80 To 43.71 %



MAT 3440

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

<sup>34</sup>Se-79  
-99.86 To -20.69%



15

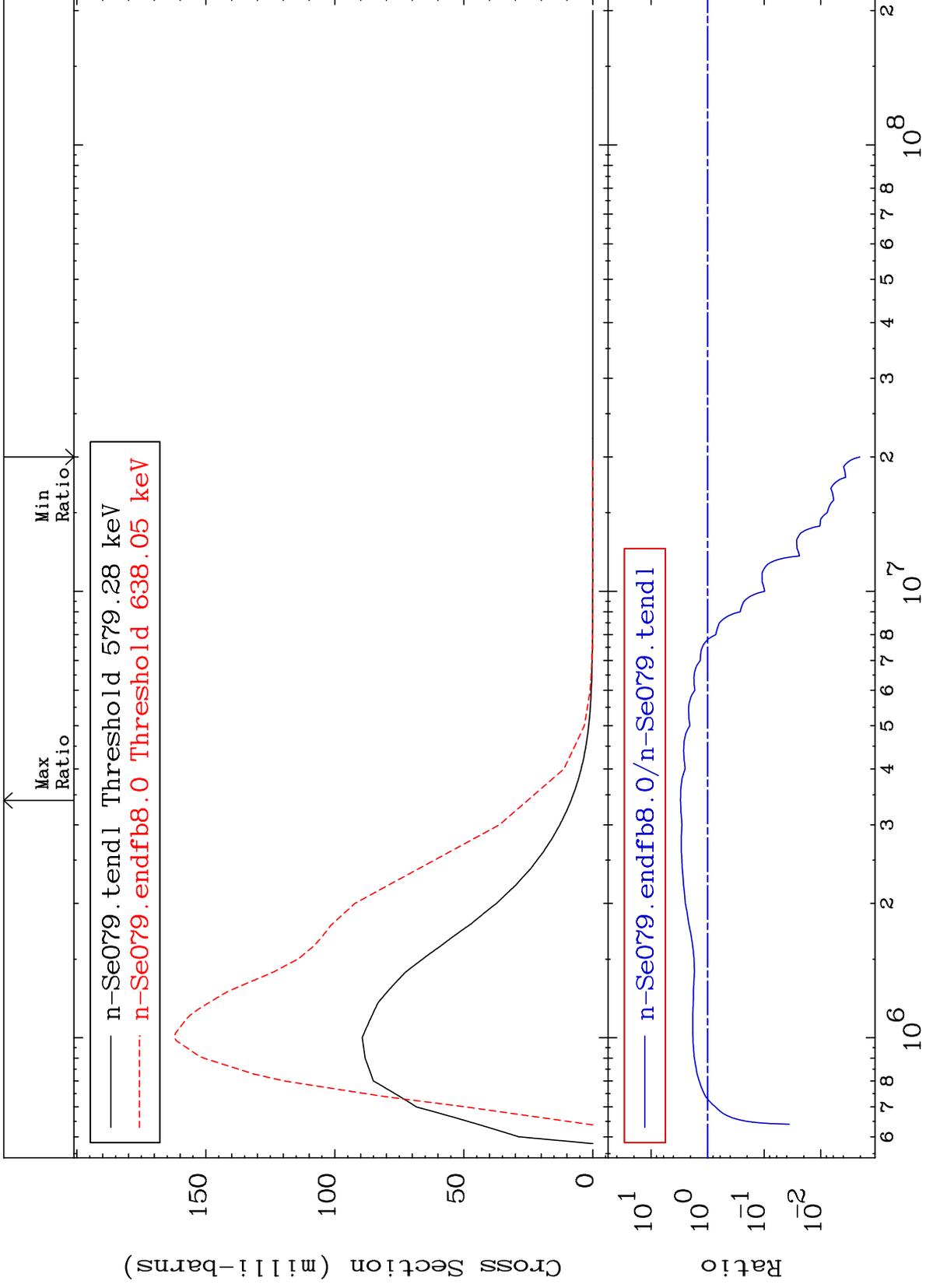
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

<sup>34</sup>Se-79  
-99.80 To 200.4 %



16

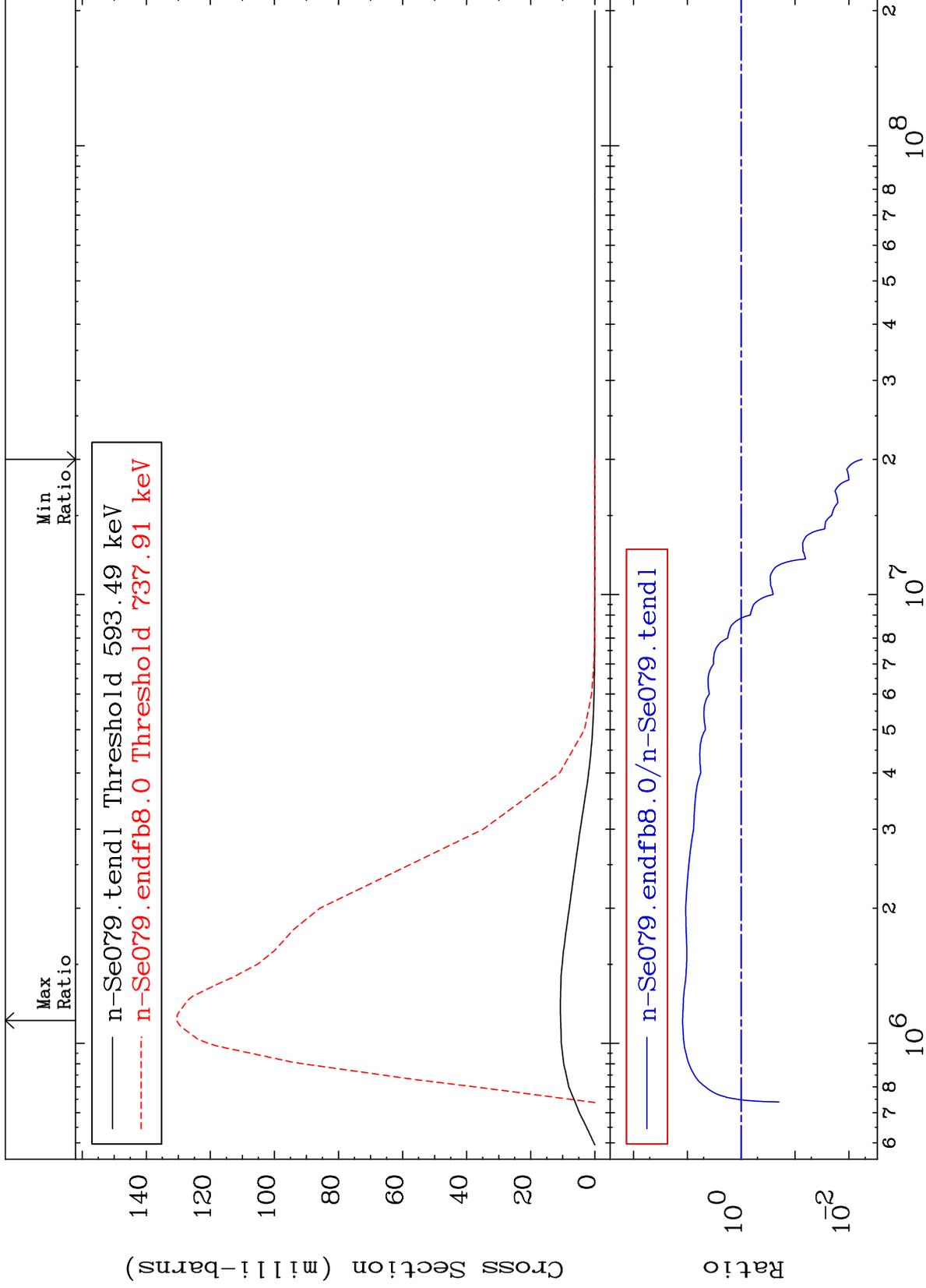
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

<sup>34</sup>Se-79  
-99.43 To 1126. %



17

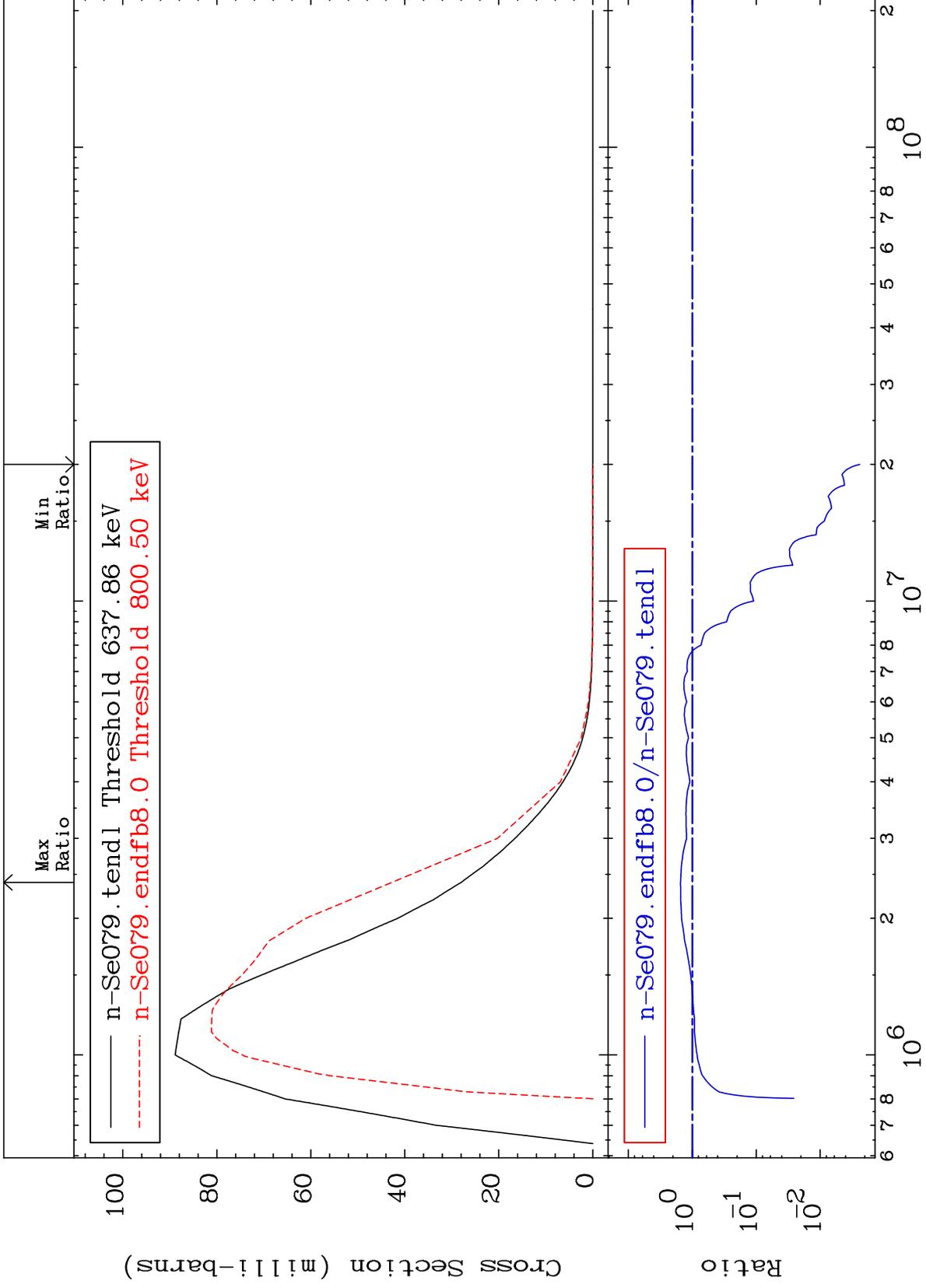
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

<sup>34</sup>Se-79  
-99.76 To 52.70 %



18

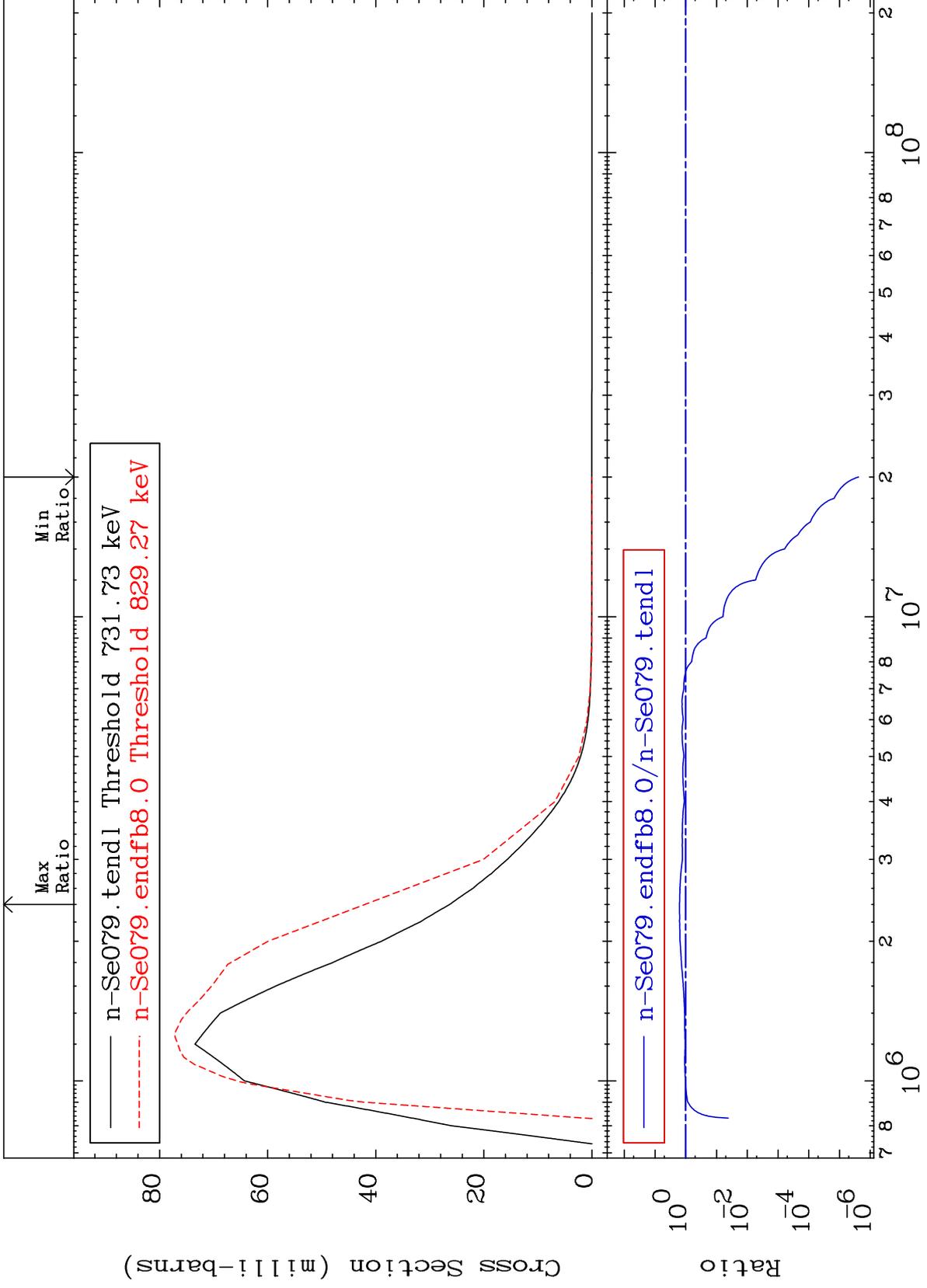
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

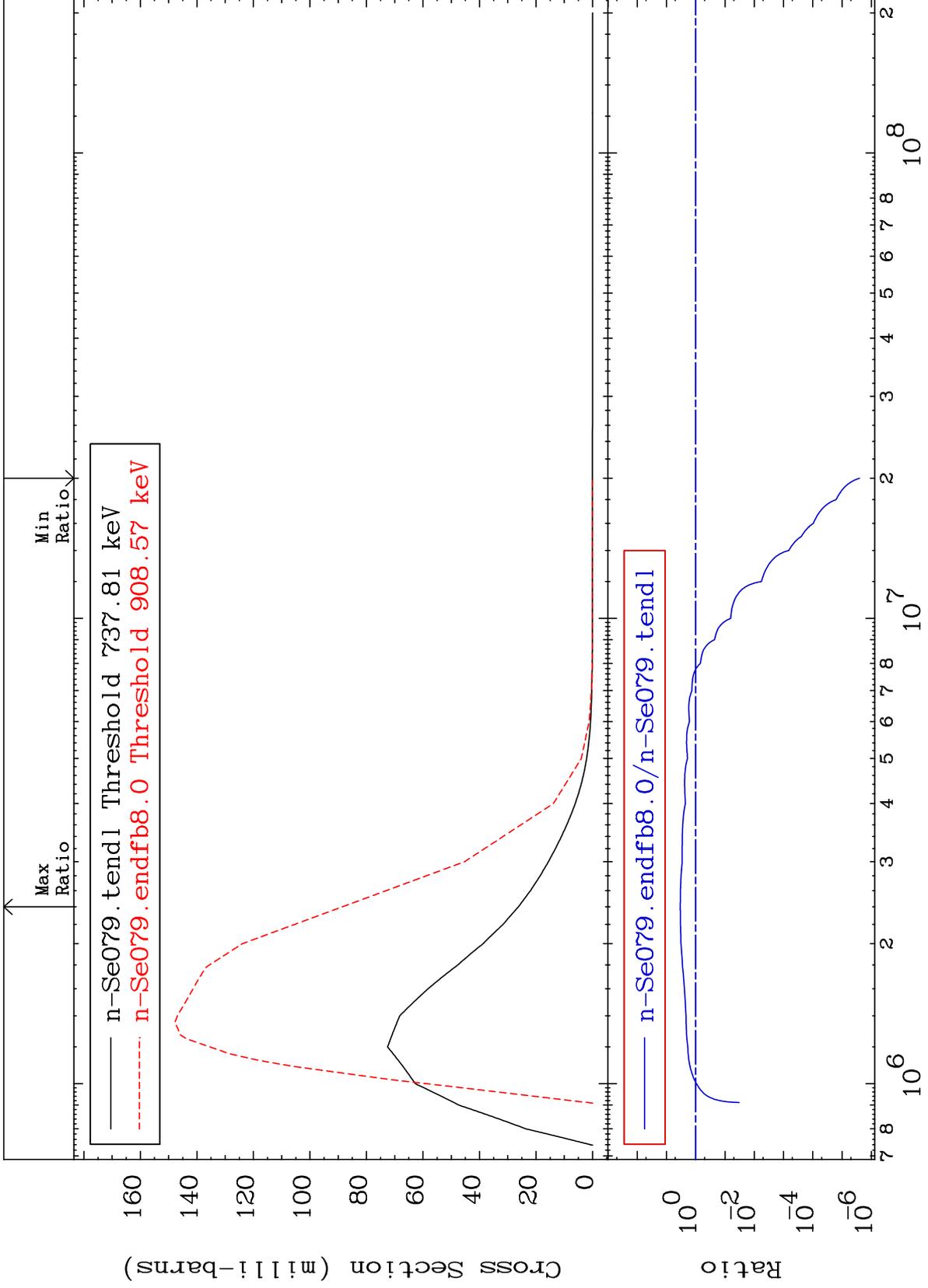
<sup>34</sup>Se-79  
-100.0 To 59.59 %



MAT 3440

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

<sup>34</sup>Se-79  
-100.0 To 237.9 %



20

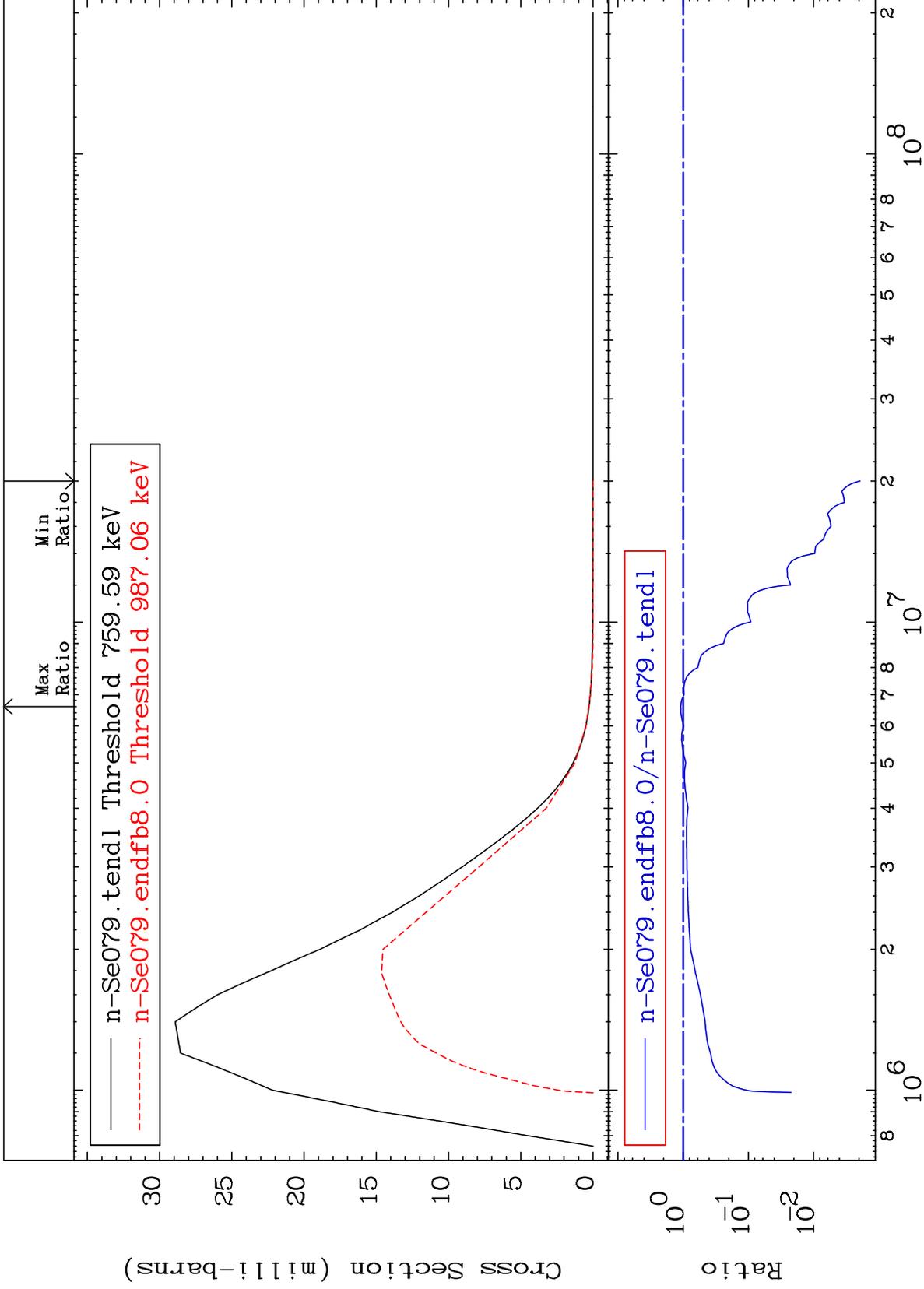
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

<sup>34</sup>Se-79  
-99.81 To 8.726 %



21

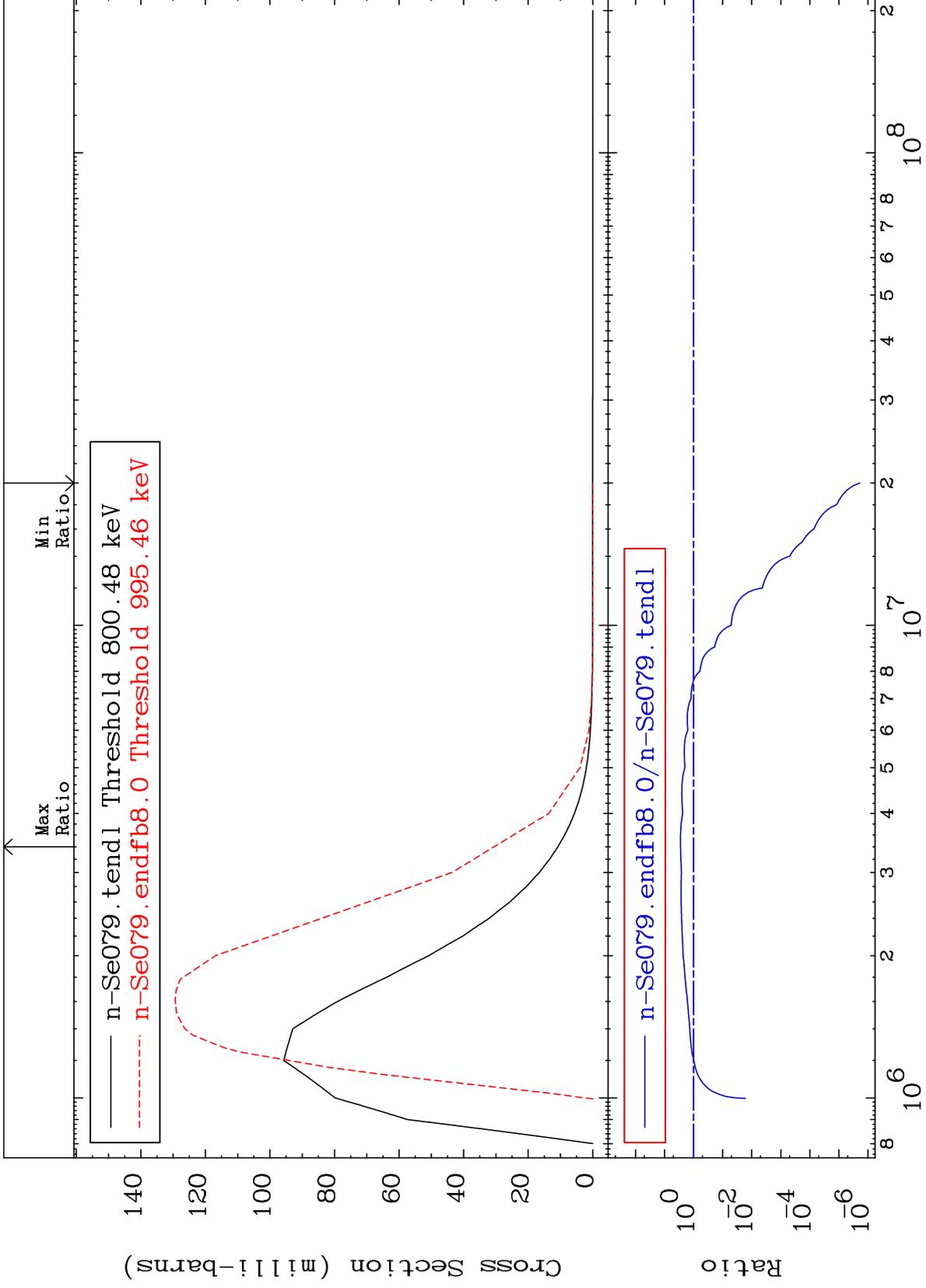
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

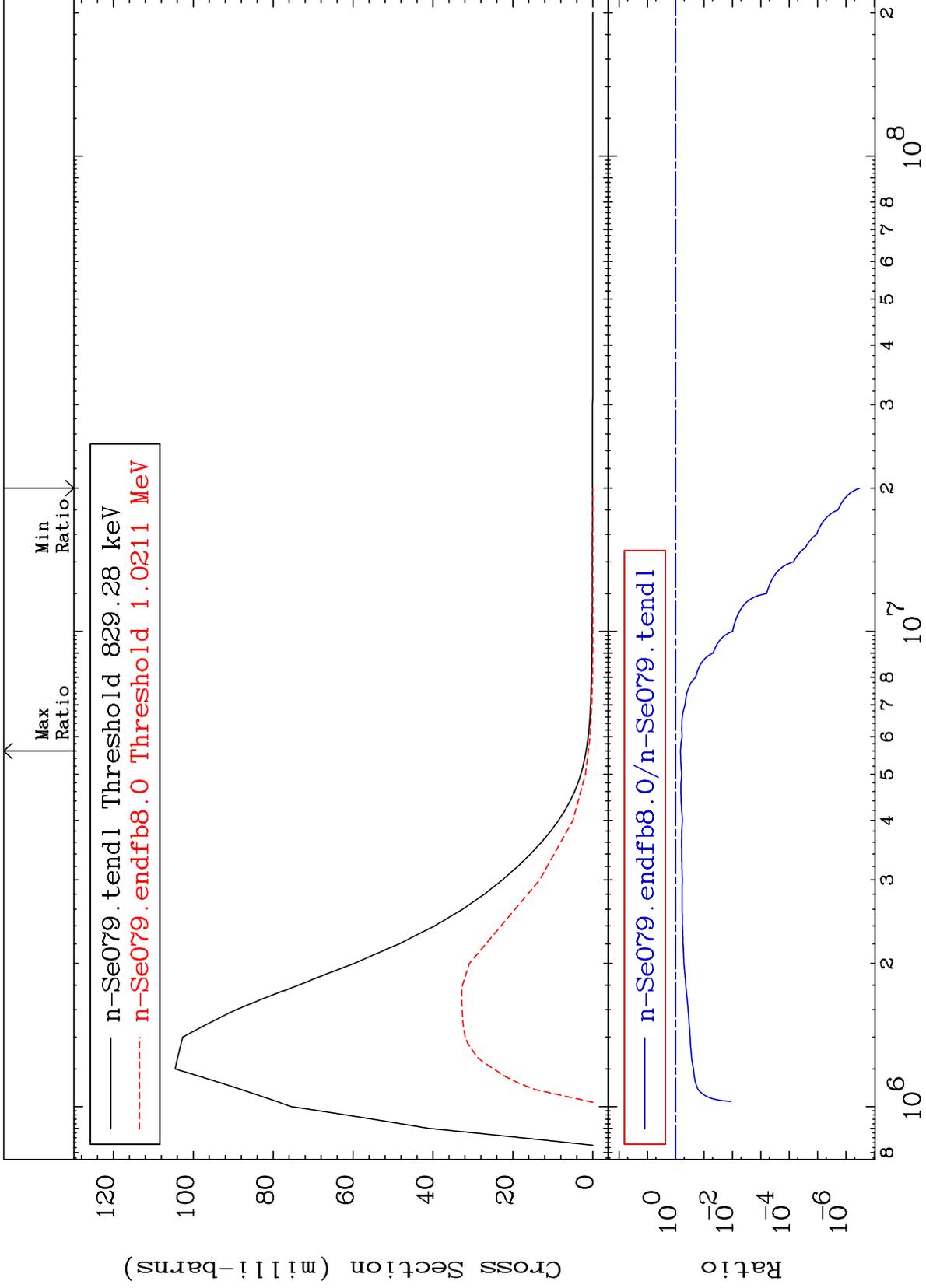
<sup>34</sup>Se-79  
-100.0 To 183.4 %



MAT 3440

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

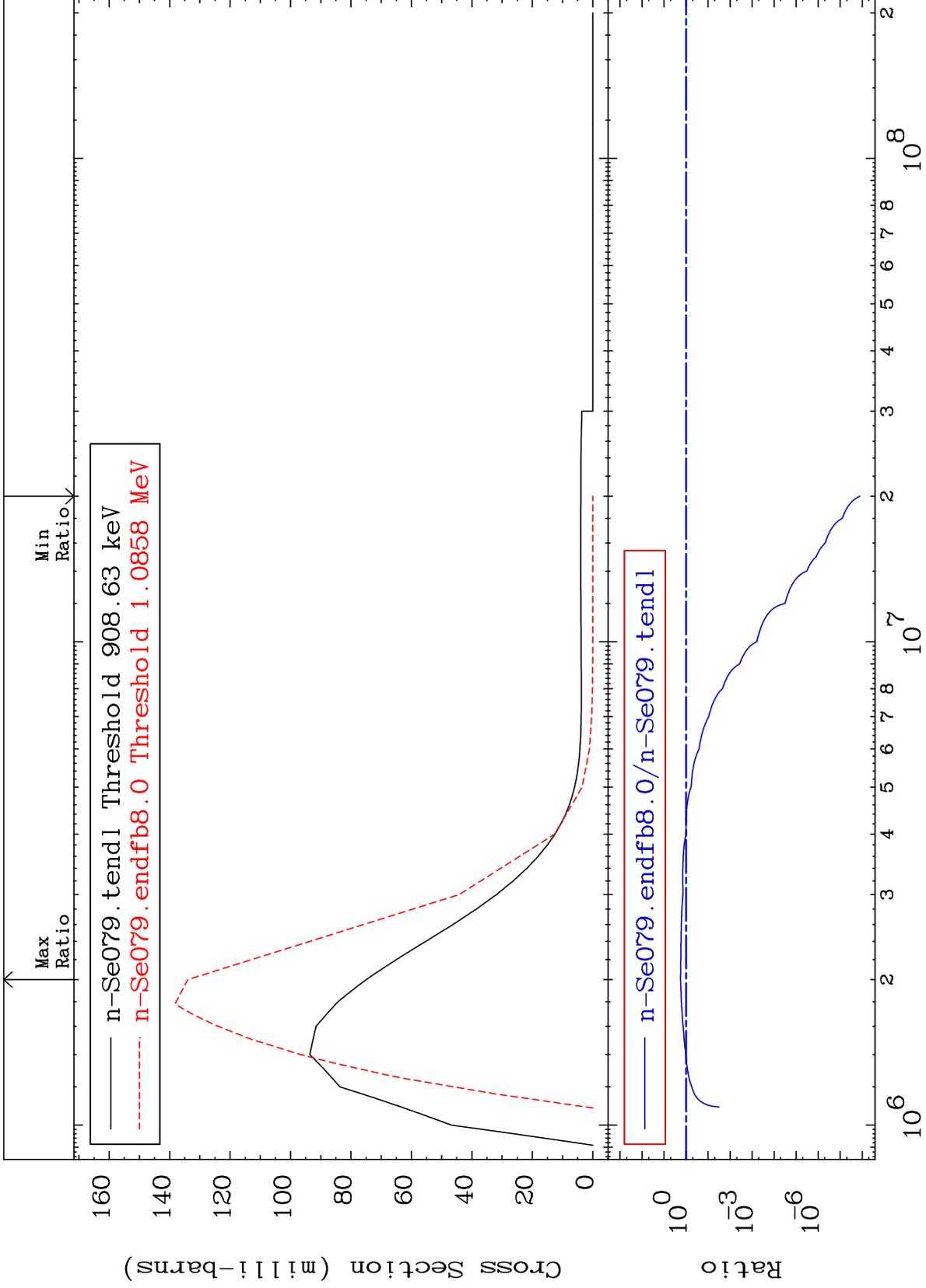
<sup>34</sup>Se-79  
-100.0 To -31.99%



MAT 3440

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

<sup>34</sup>Se-79  
-100.0 To 78.80 %



24

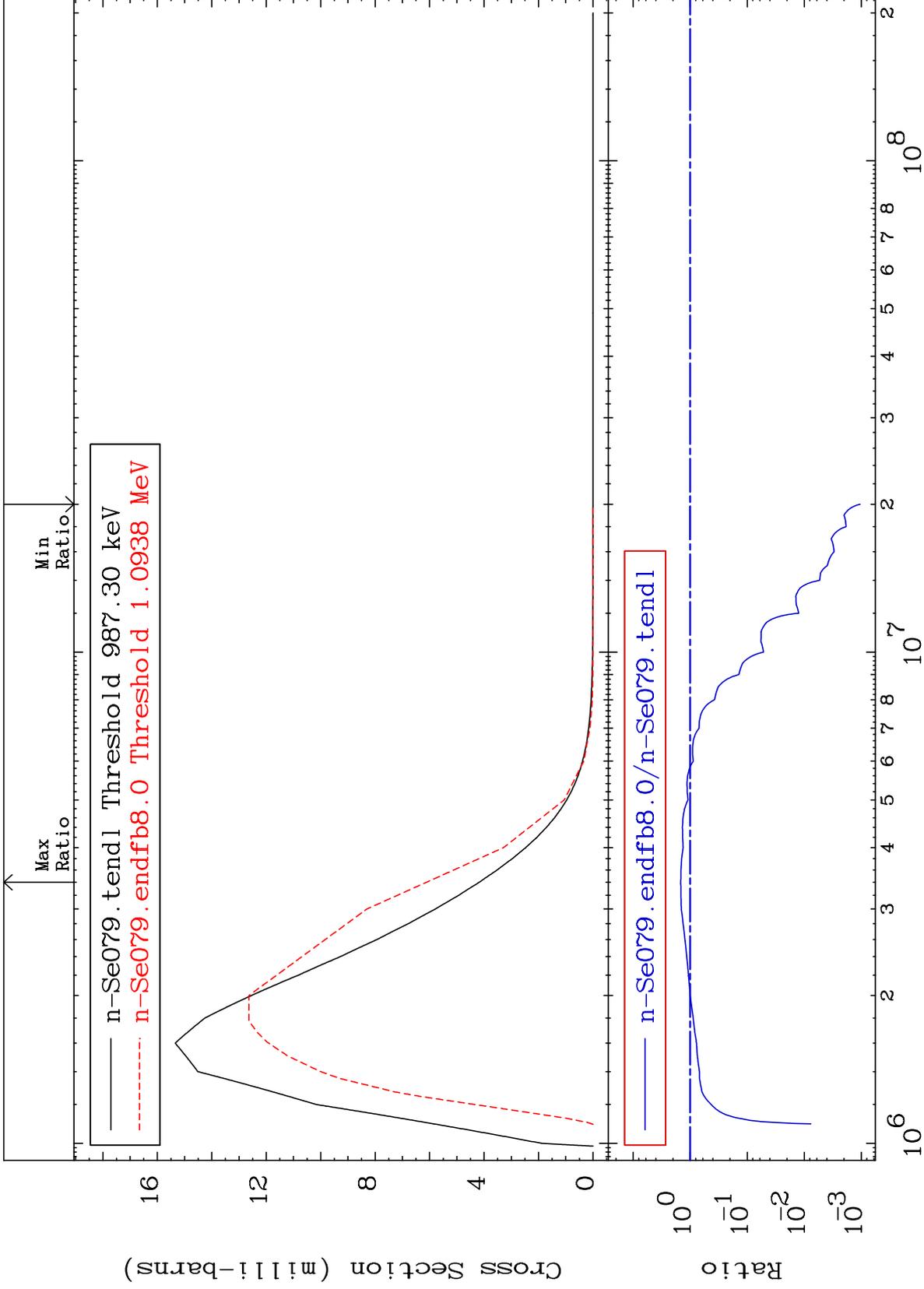
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

<sup>34</sup>Se-79  
-99.90 To 46.50 %



25

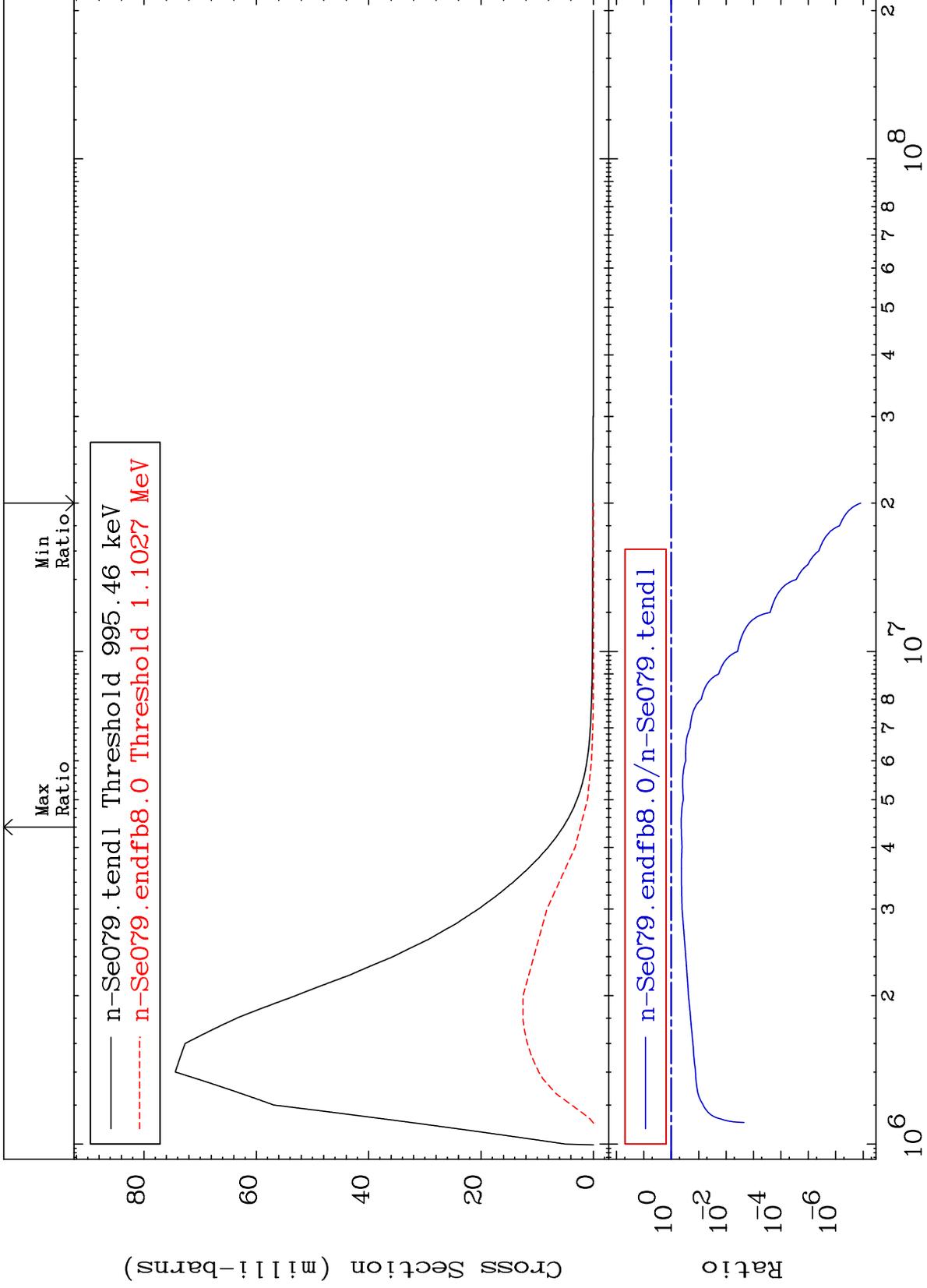
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

<sup>34</sup>Se-79  
-100.0 To -56.74%



26

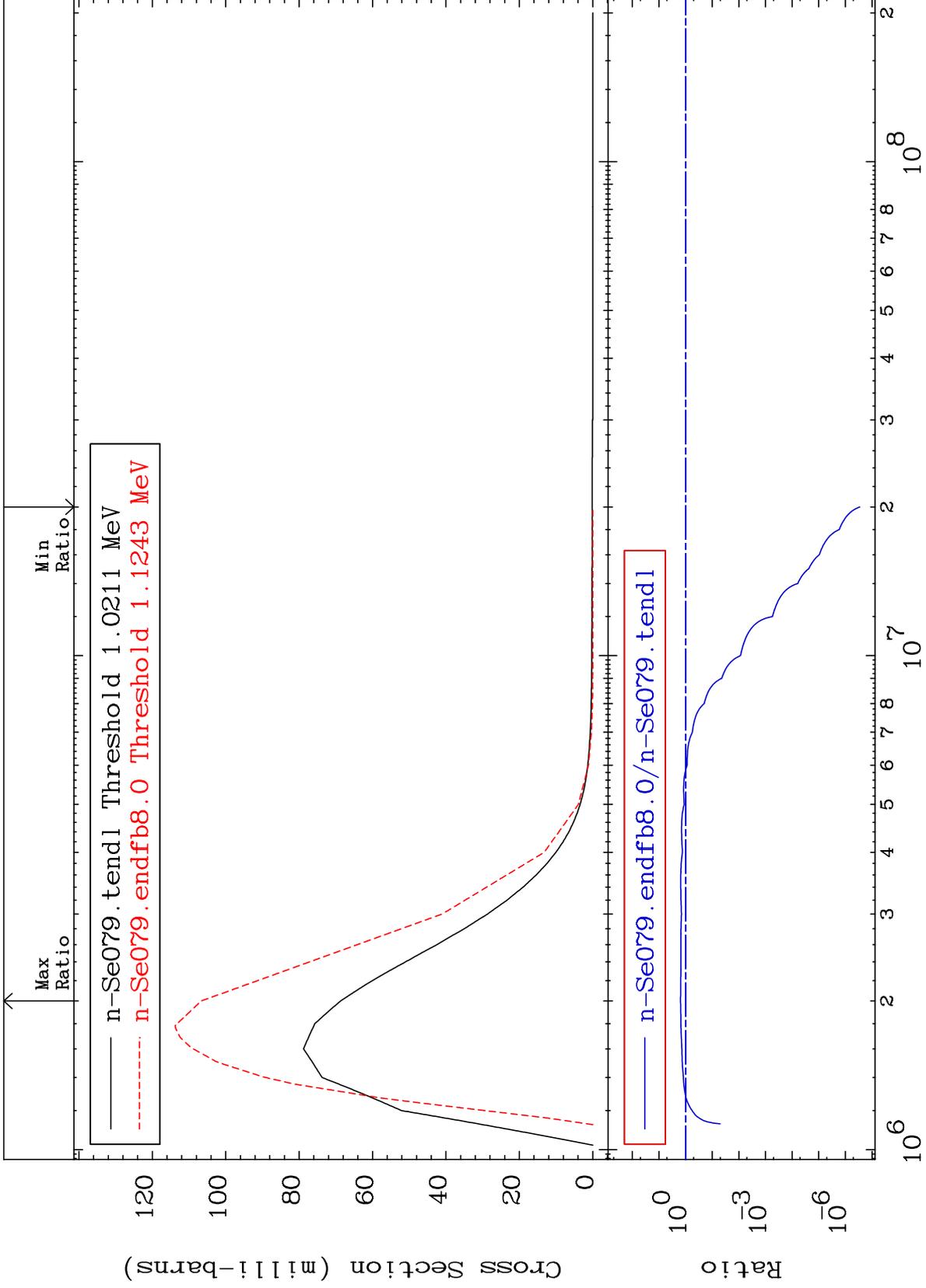
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

<sup>34</sup>Se-79  
-100.0 To 55.30 %



27

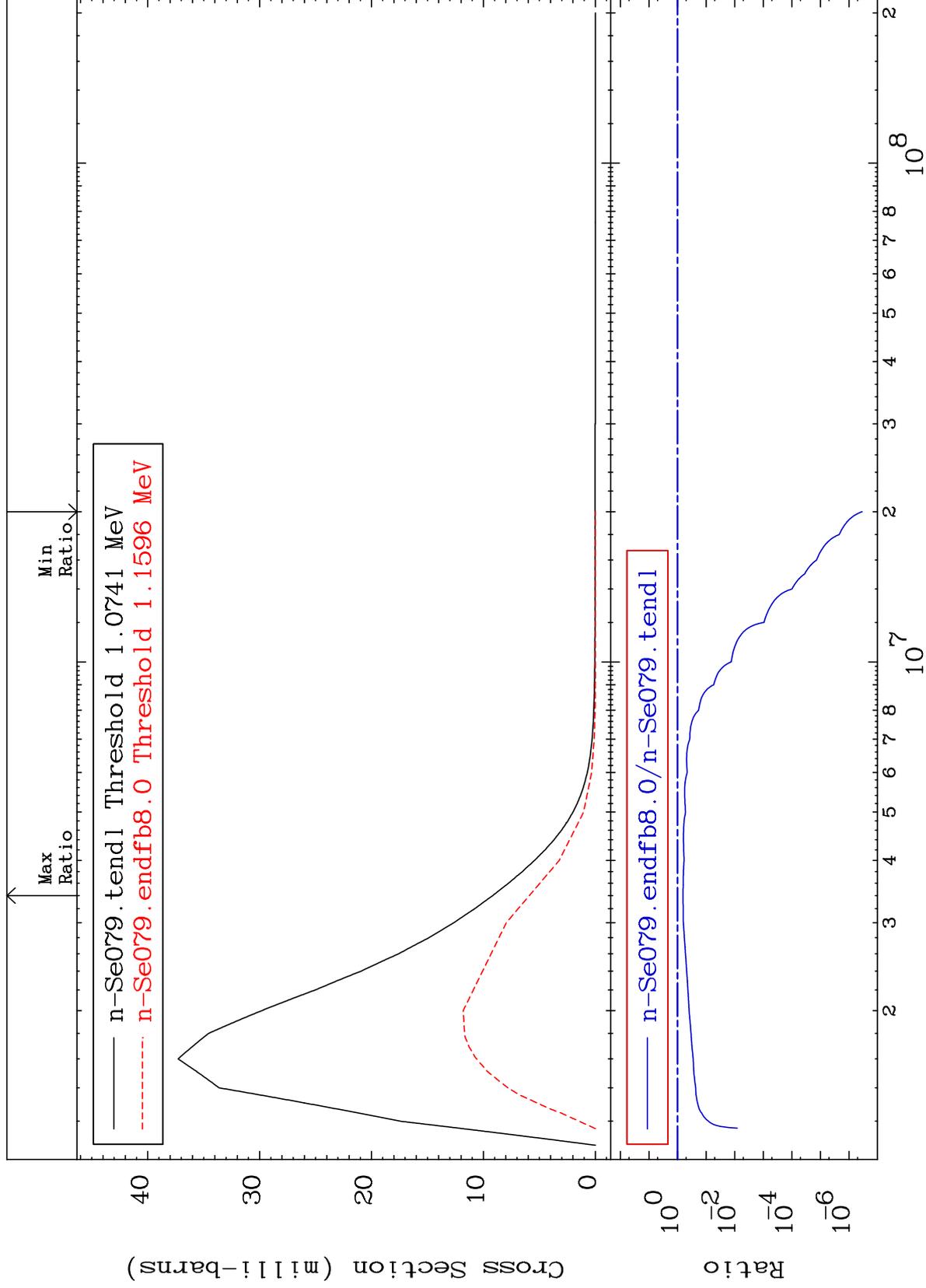
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

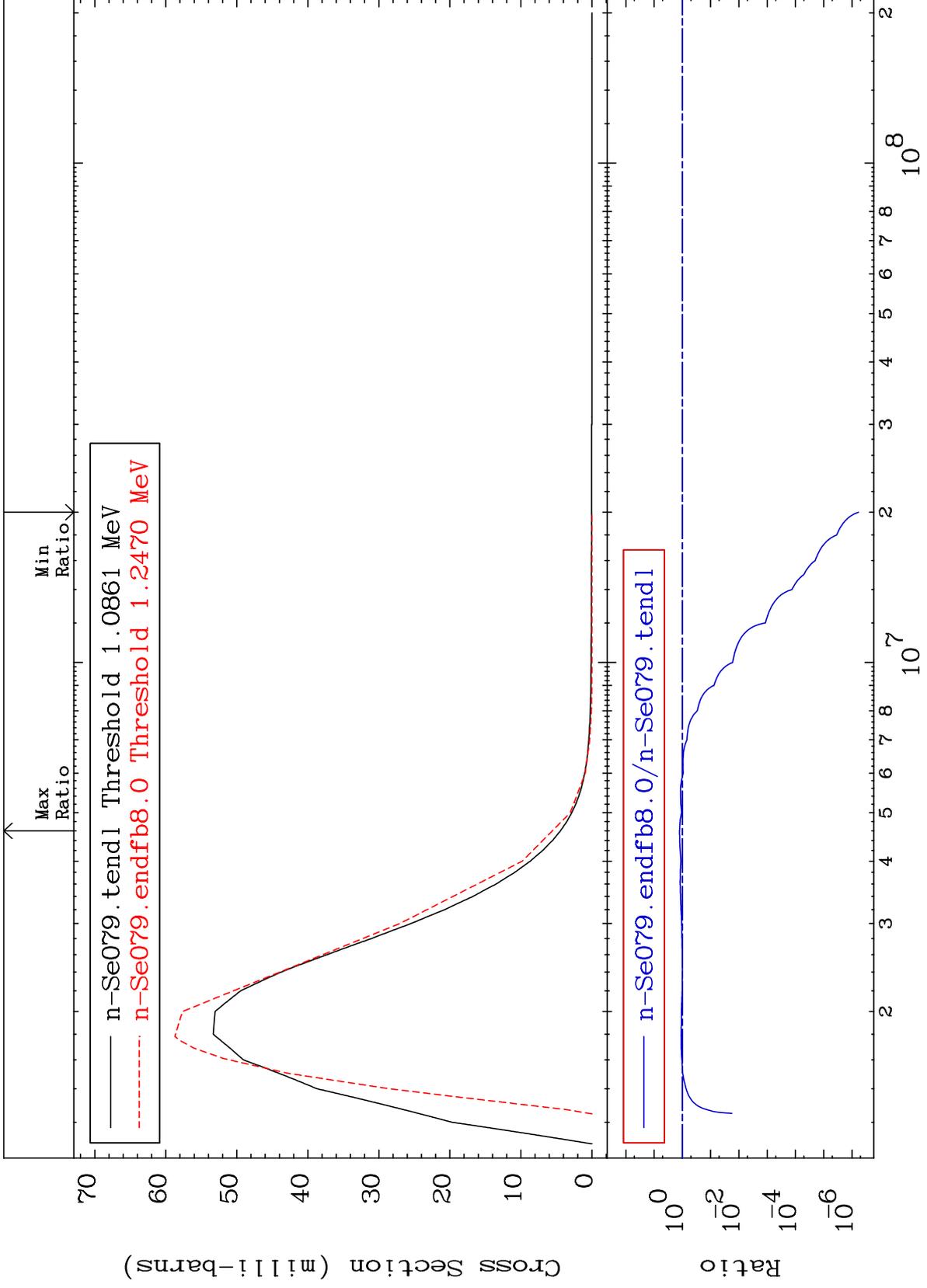
<sup>34</sup>Se-79  
-100.0 To -35.67%



MAT 3440

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

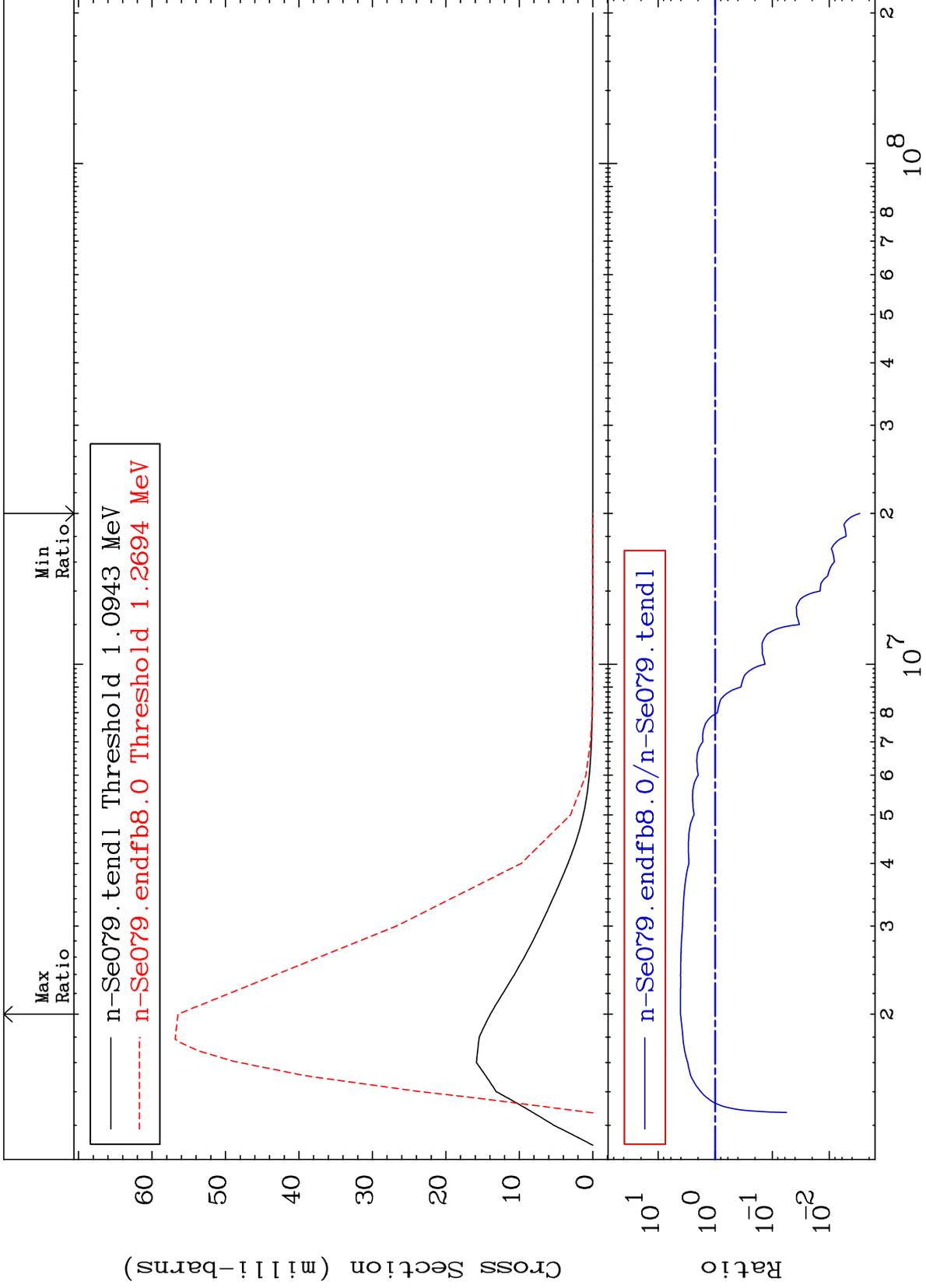
<sup>34</sup>Se-79  
-100.0 To 25.96 %



MAT 3440

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

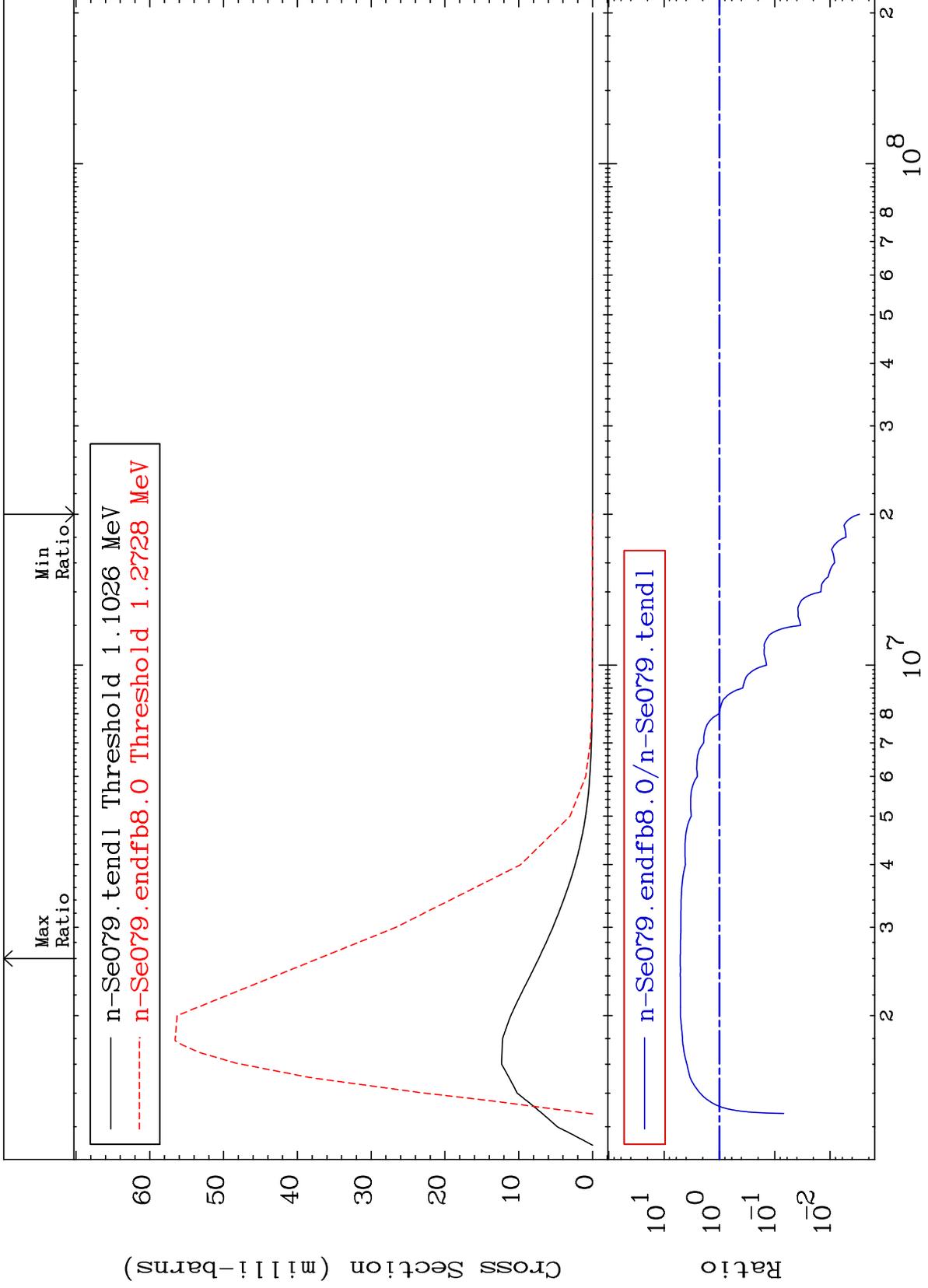
<sup>34</sup>Se-79  
-99.71 To 305.0 %



MAT 3440

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

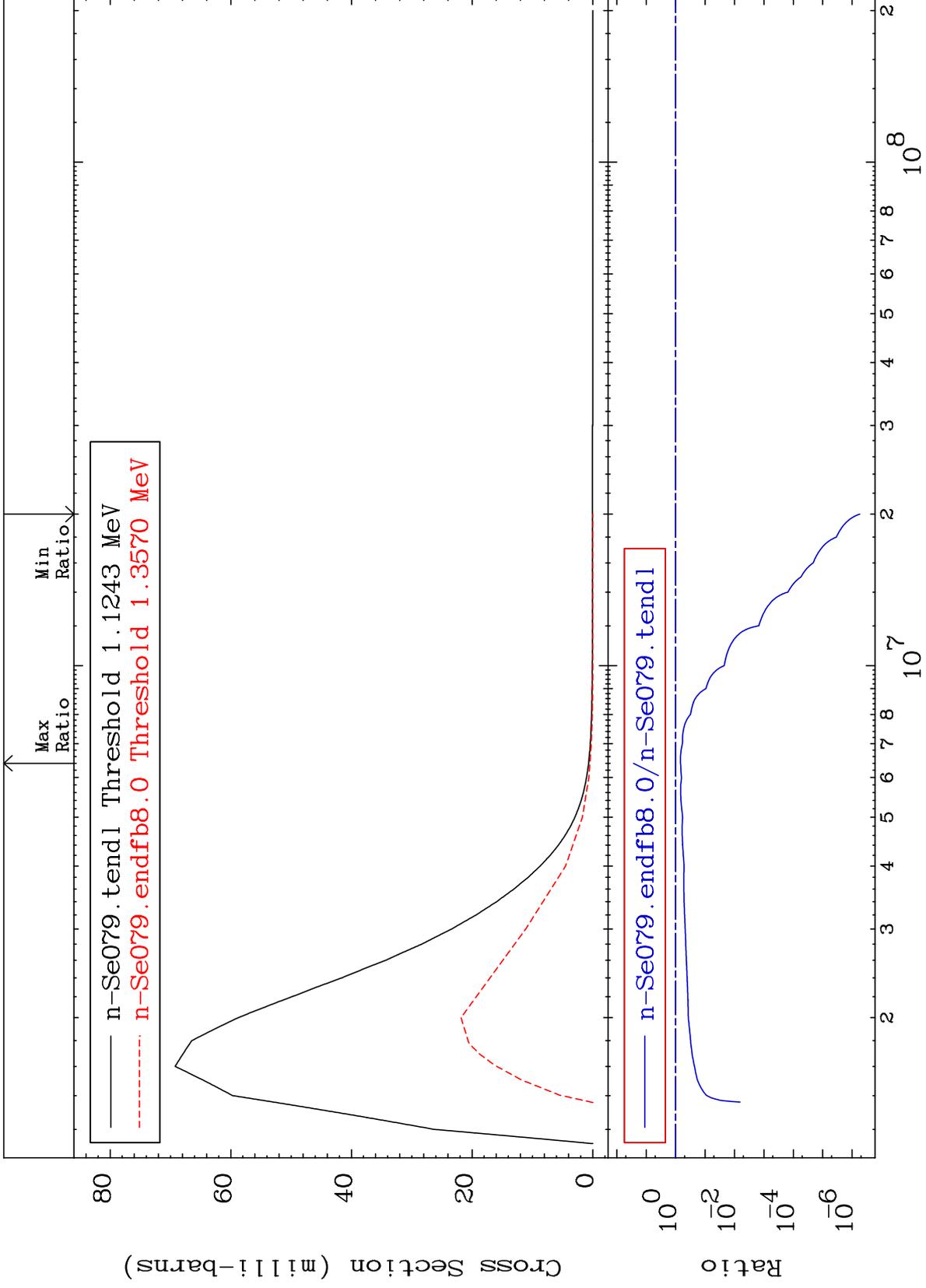
<sup>34</sup>Se-79  
-99.71 To 409.7 %



MAT 3440

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

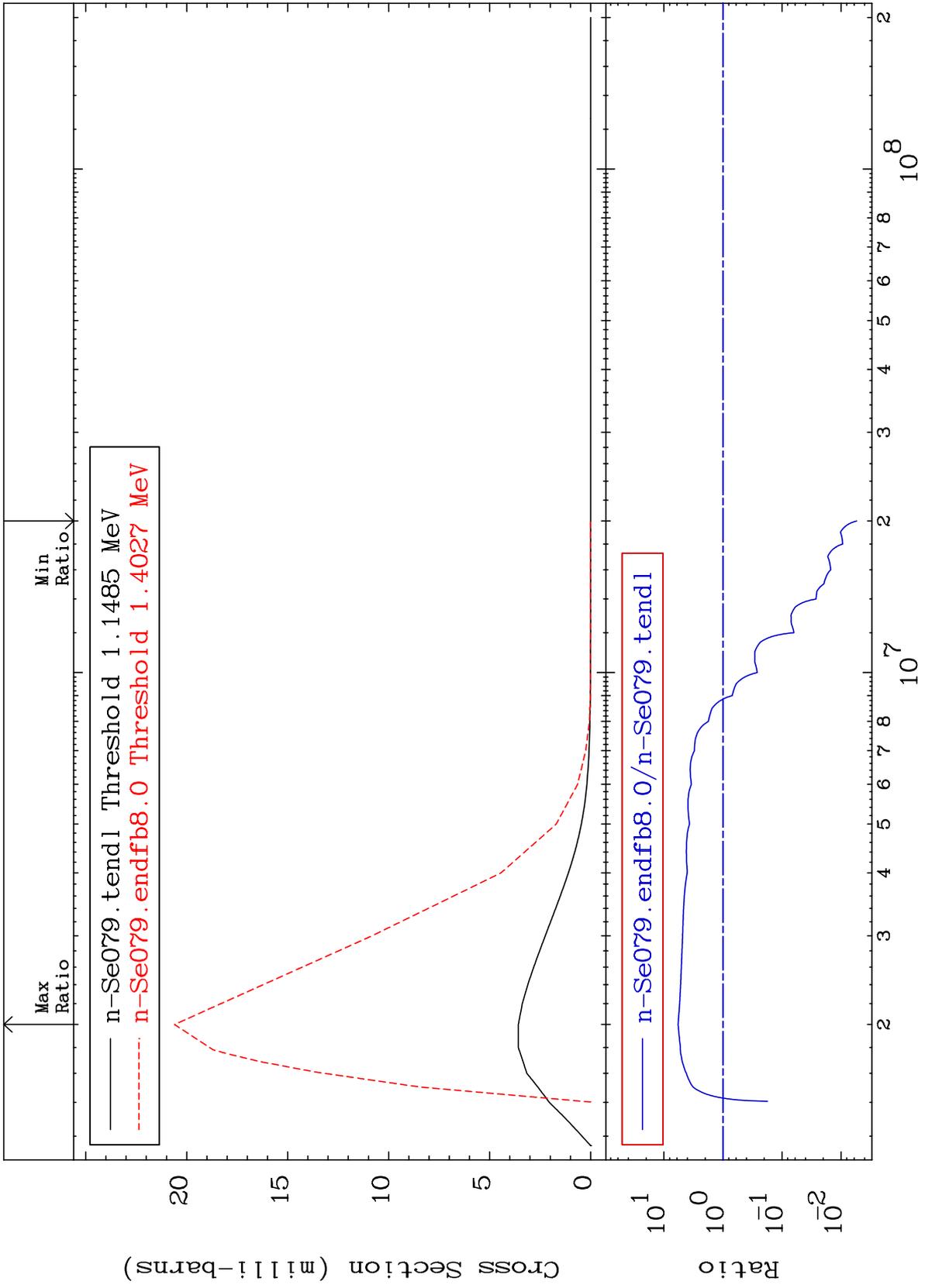
<sup>34</sup>Se-79  
-100.0 To -31.45%



MAT 3440

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

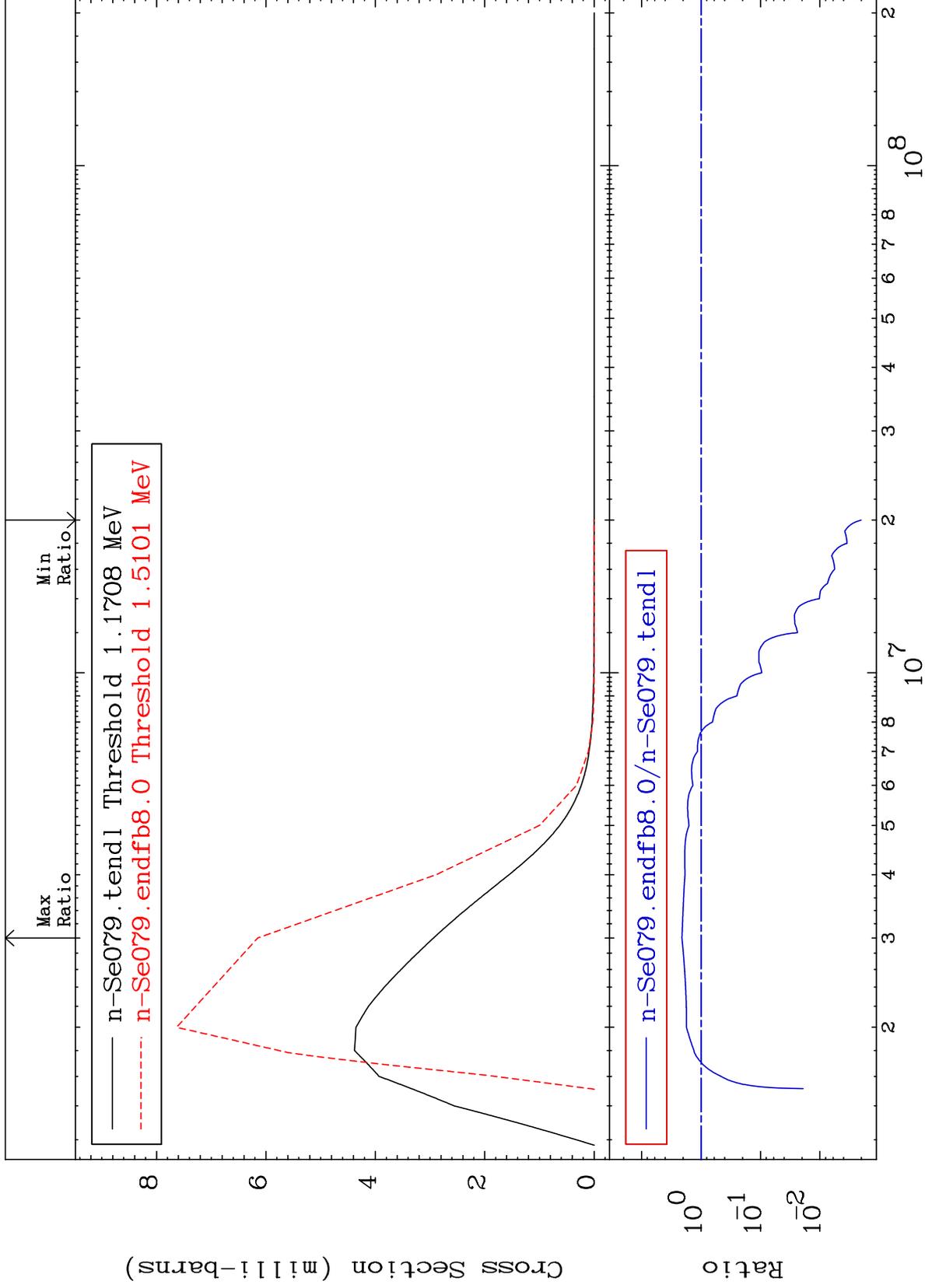
<sup>34</sup>Se-79  
-99.46 To 476.0 %



MAT 3440

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

<sup>34</sup>Se-79  
-99.80 To 109.5 %



34

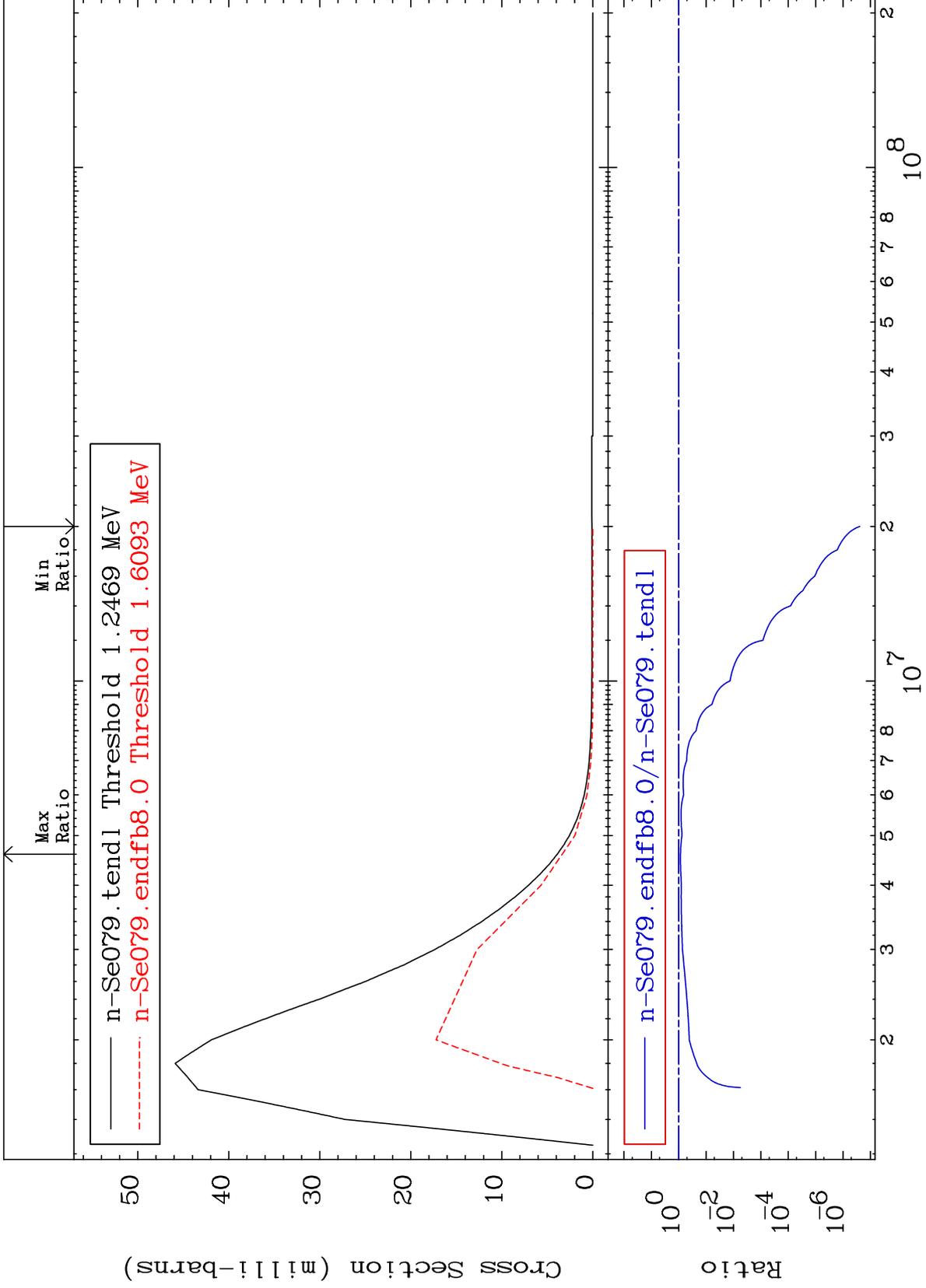
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

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

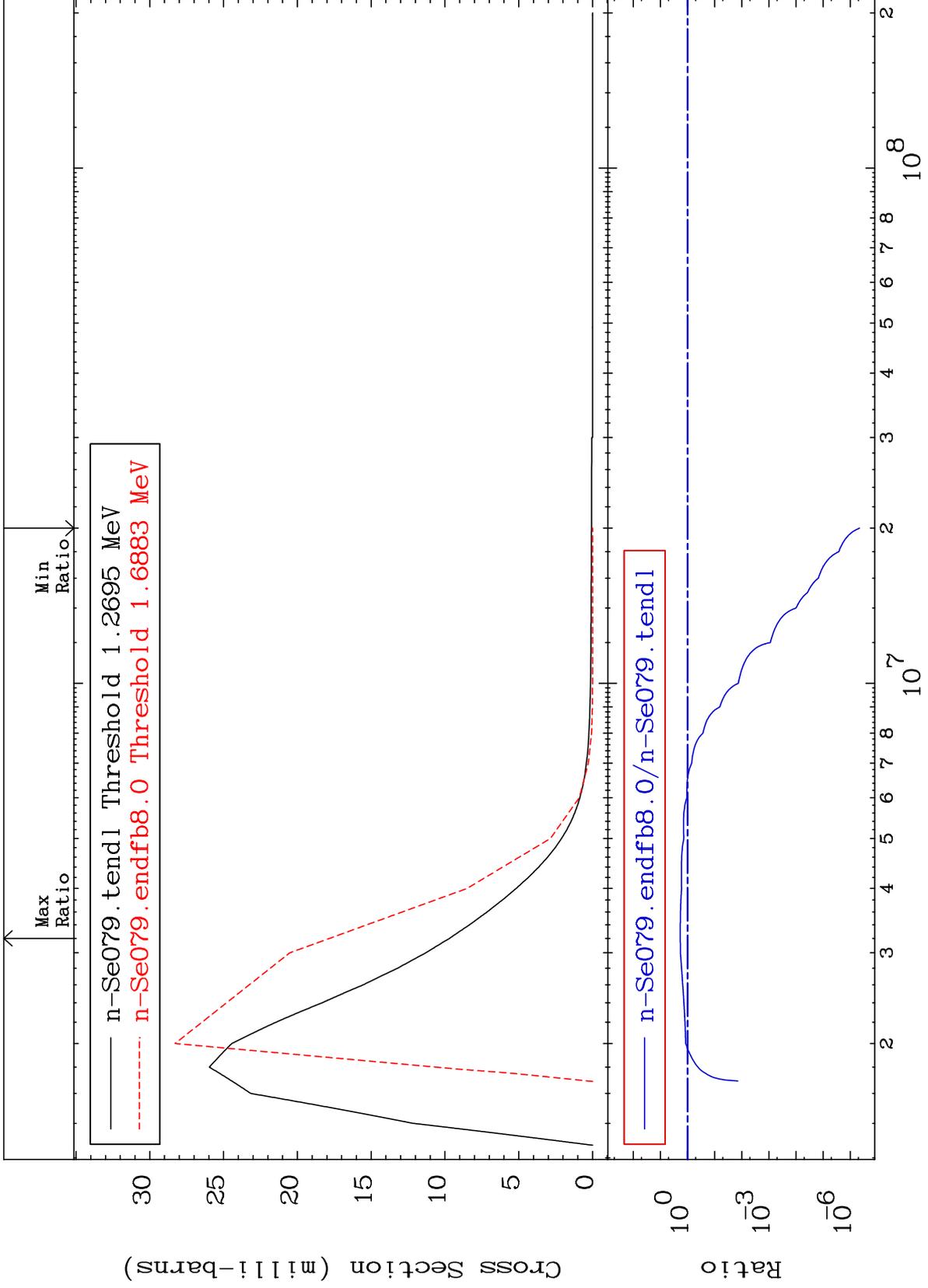
<sup>34</sup>Se-79  
-100.0 To -13.82%



MAT 3440

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

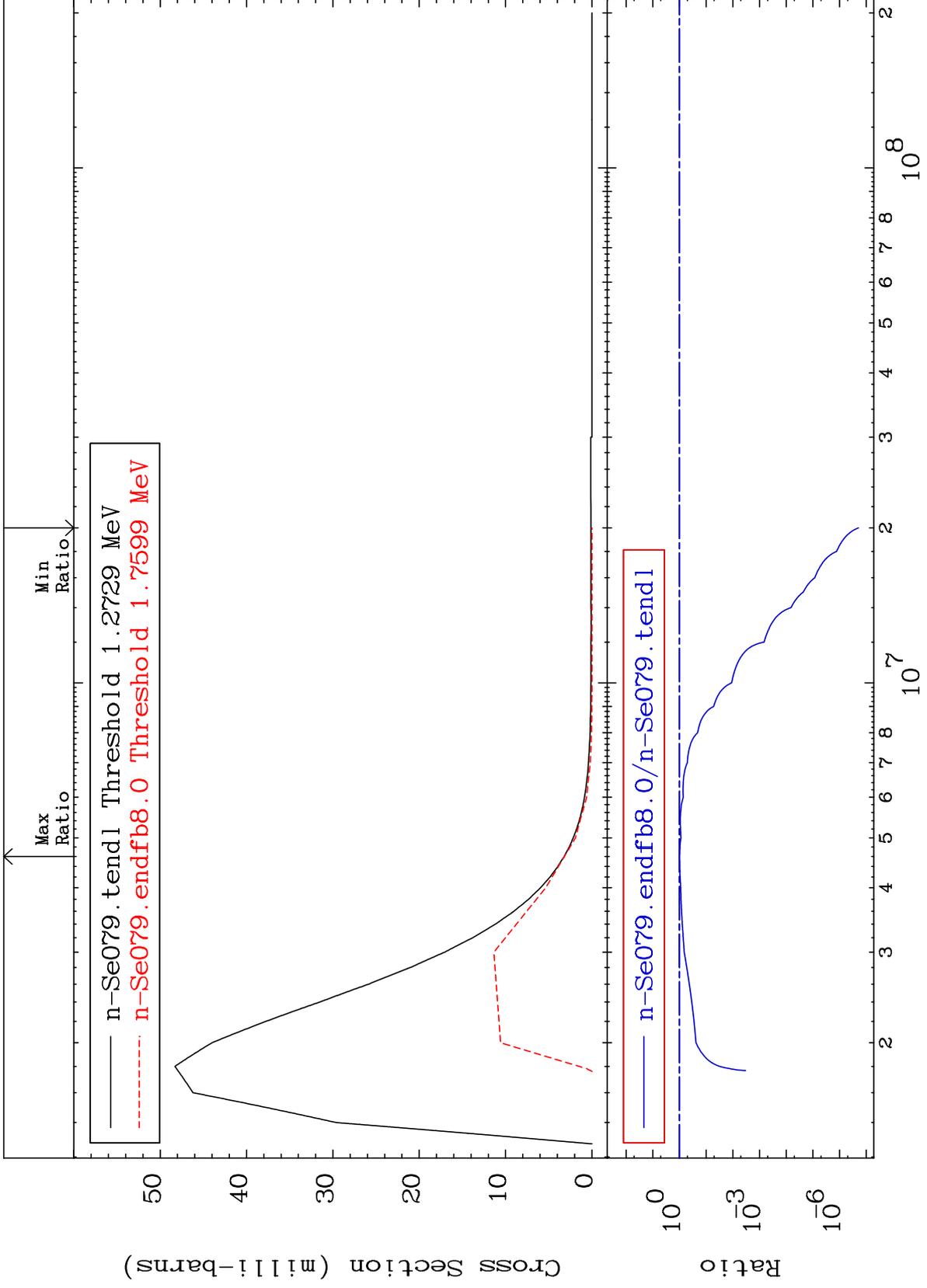
<sup>34</sup>Se-79  
-100.0 To 83.85 %



MAT 3440

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

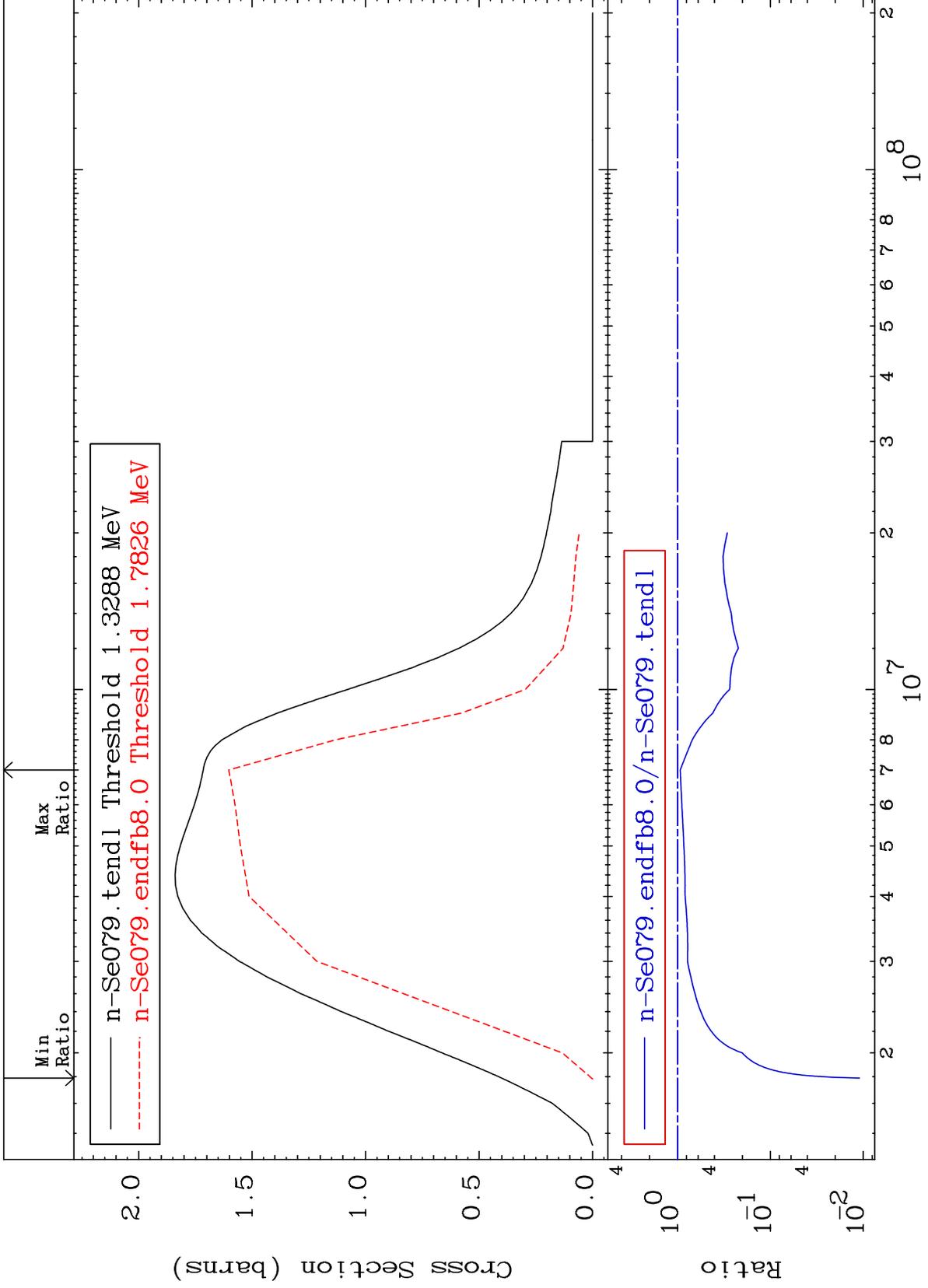
<sup>34</sup>Se-79  
-100.0 To -0.670%



MAT 3440

(n, n') Continuum  
Cross Section

<sup>34</sup>Se-79  
-98.90 To -6.588%



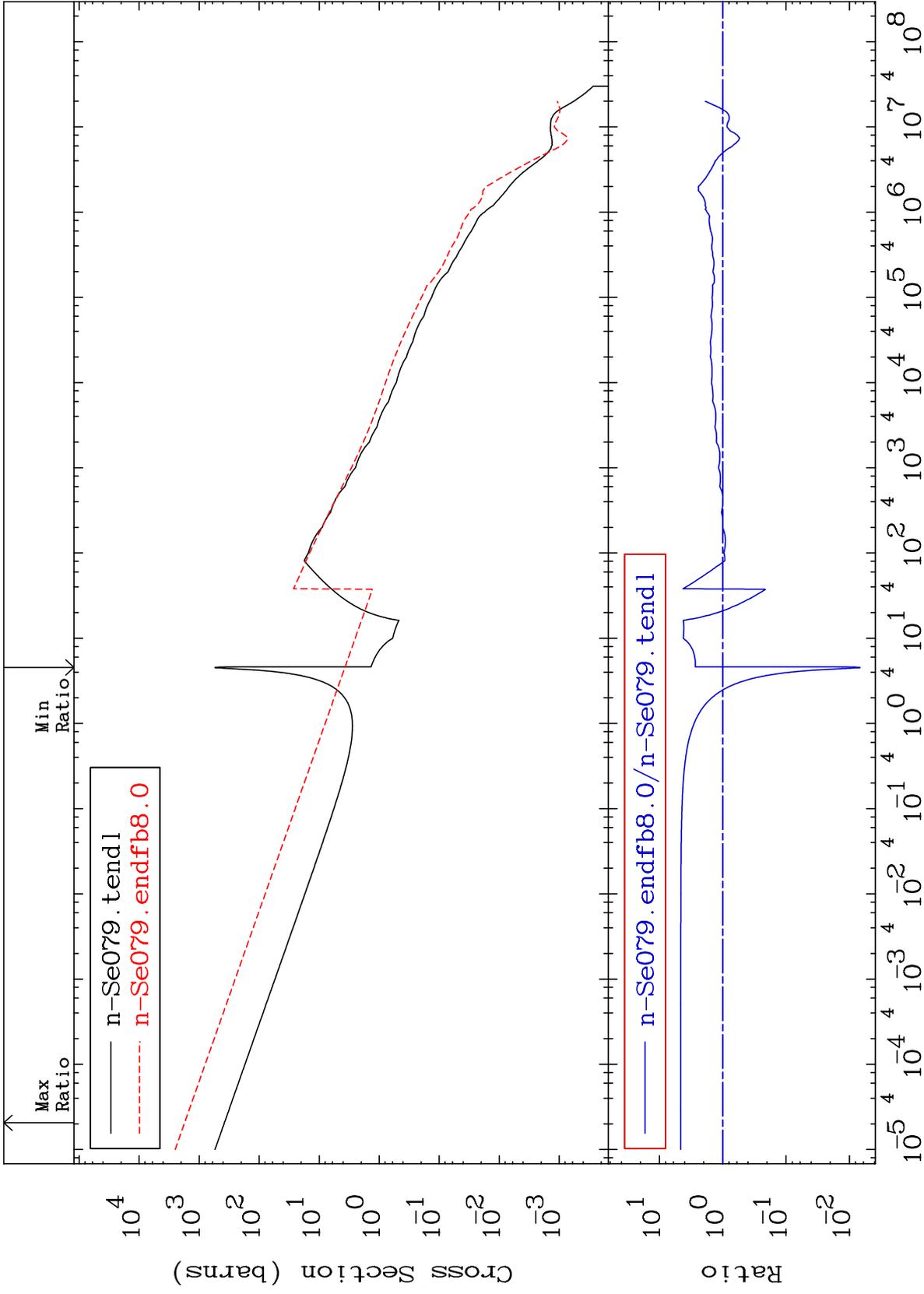
MAT 3440

(n,  $\gamma$ )

<sup>34</sup>Se-79

Cross Section

-99.32 To 360.7 %



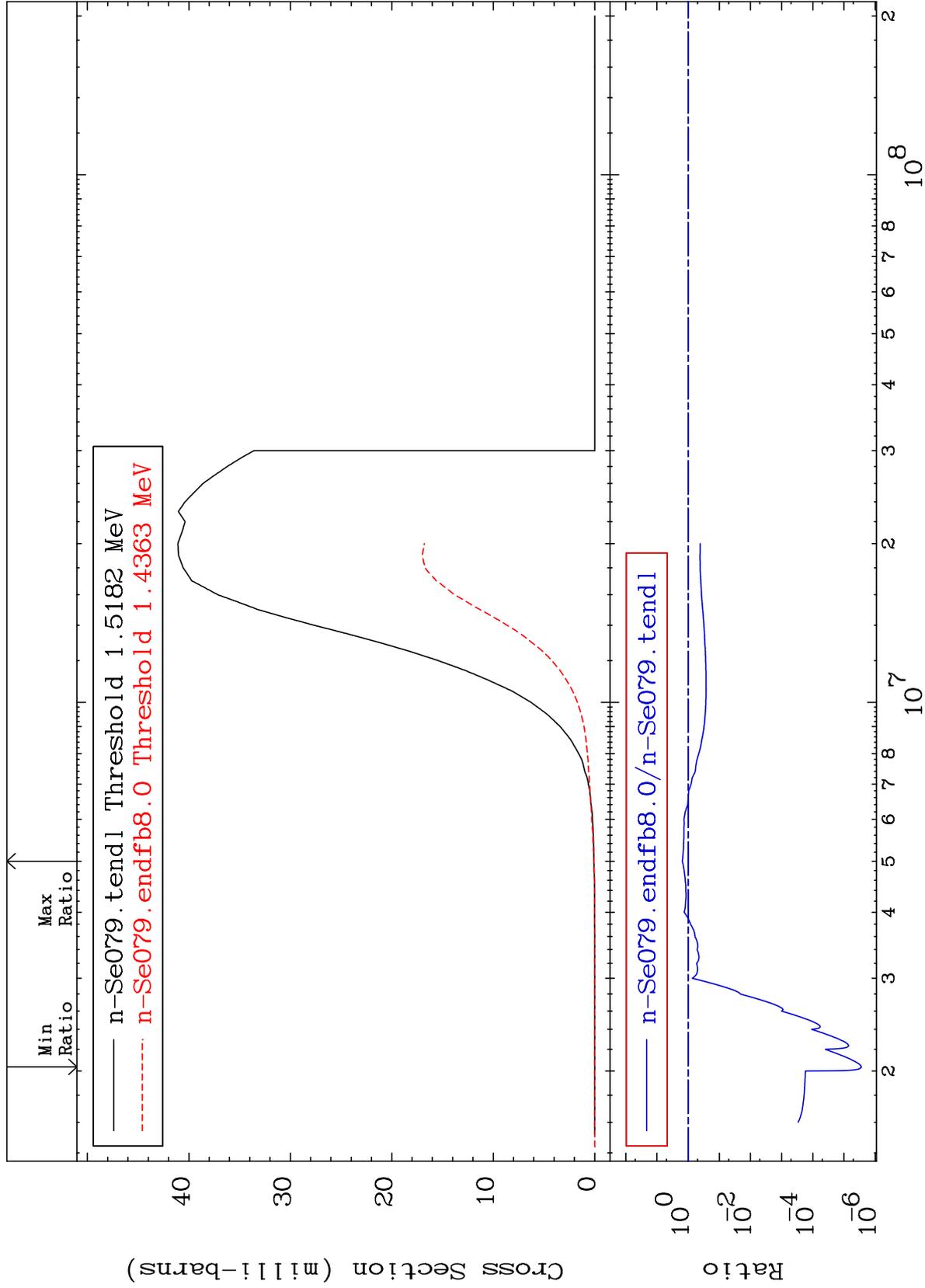
MAT 3440

(n, p)

<sup>34</sup>Se-79

Cross Section

-100.0 To 53.62 %



40

Incident Energy (eV)

<sup>34</sup>Se-79

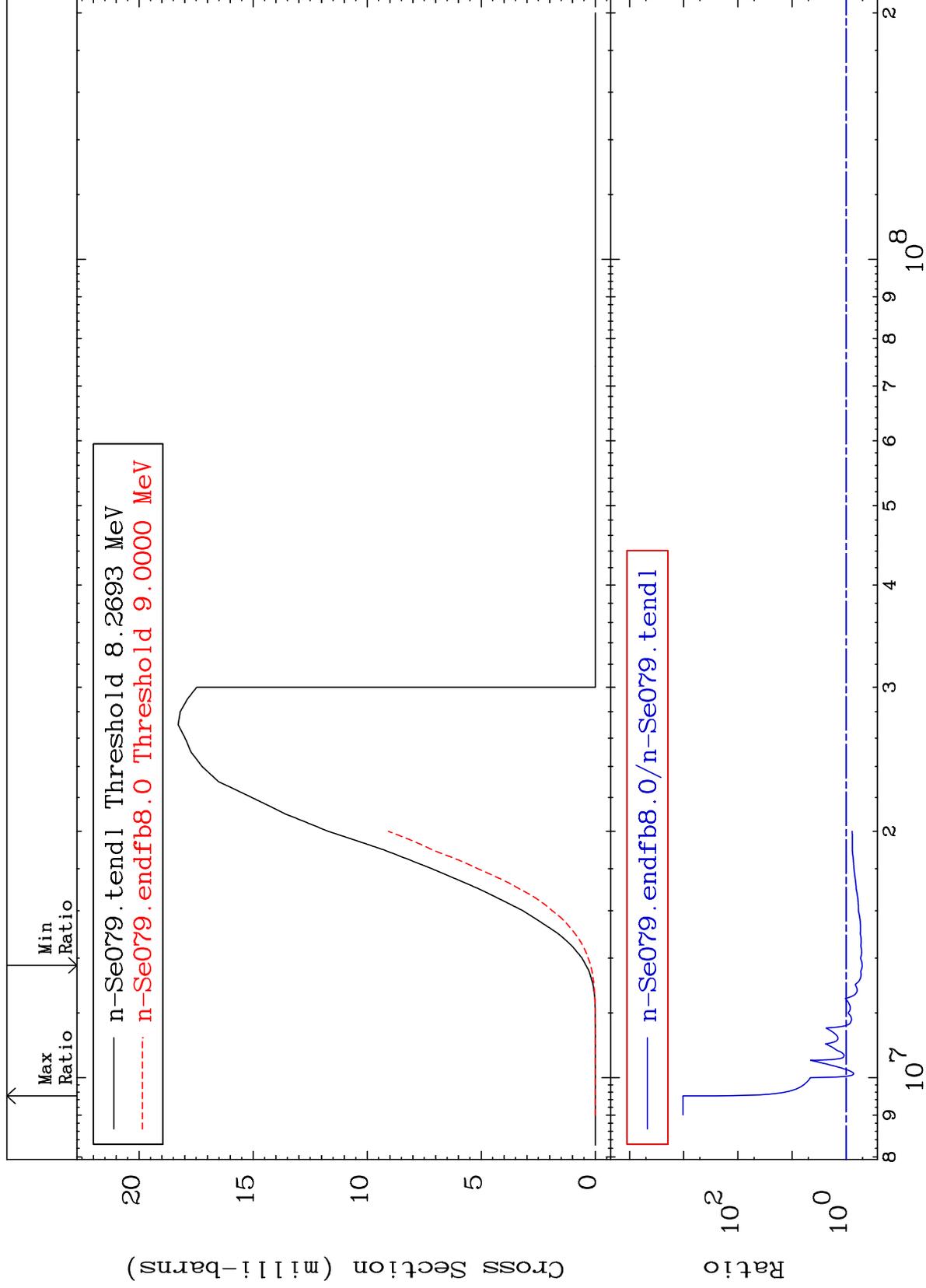
MAT 3440

(n, d)

<sup>34</sup>Se-79

Cross Section

-49.34 To 9999. %



41

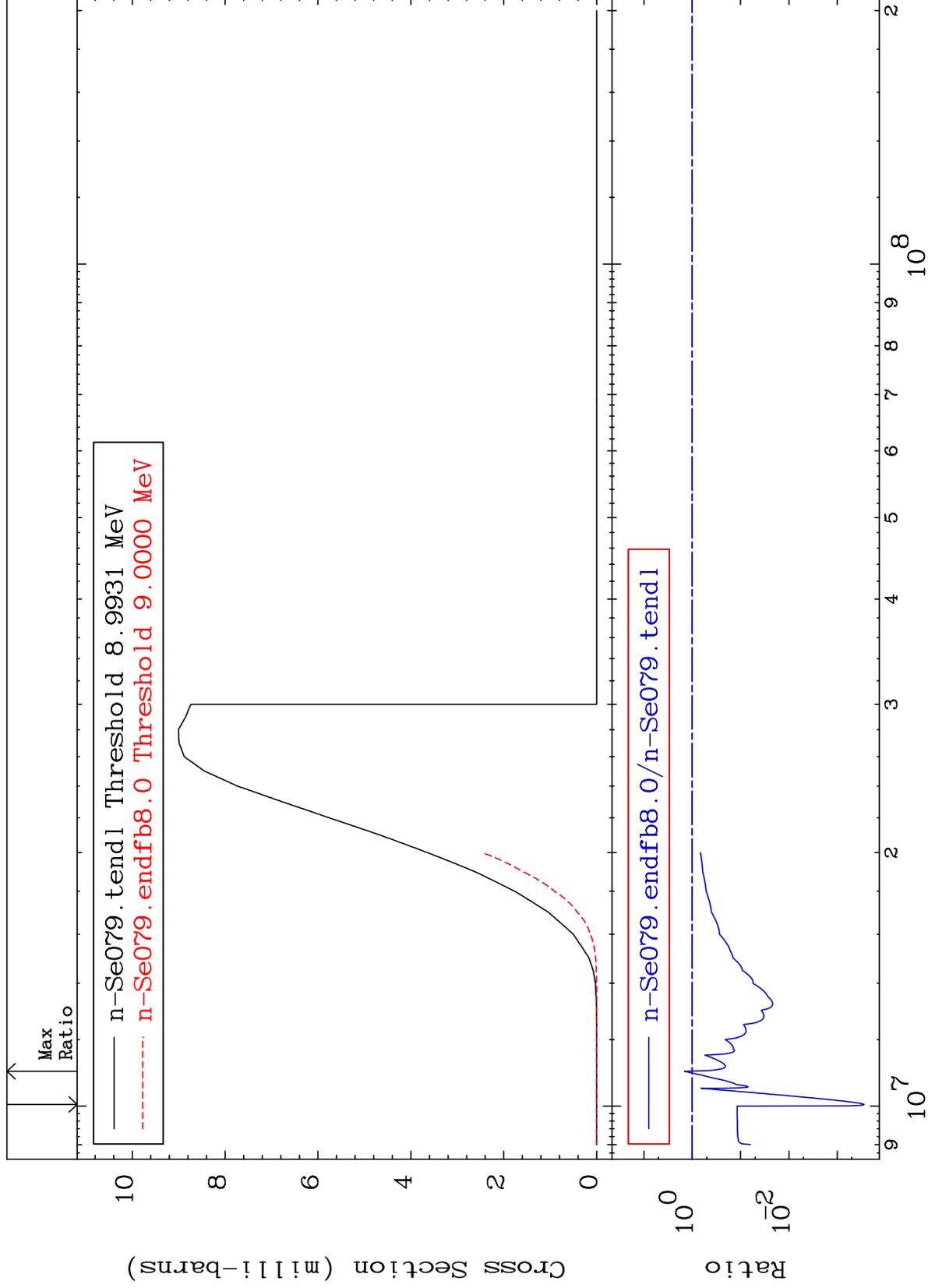
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

(n, t)  
Cross Section

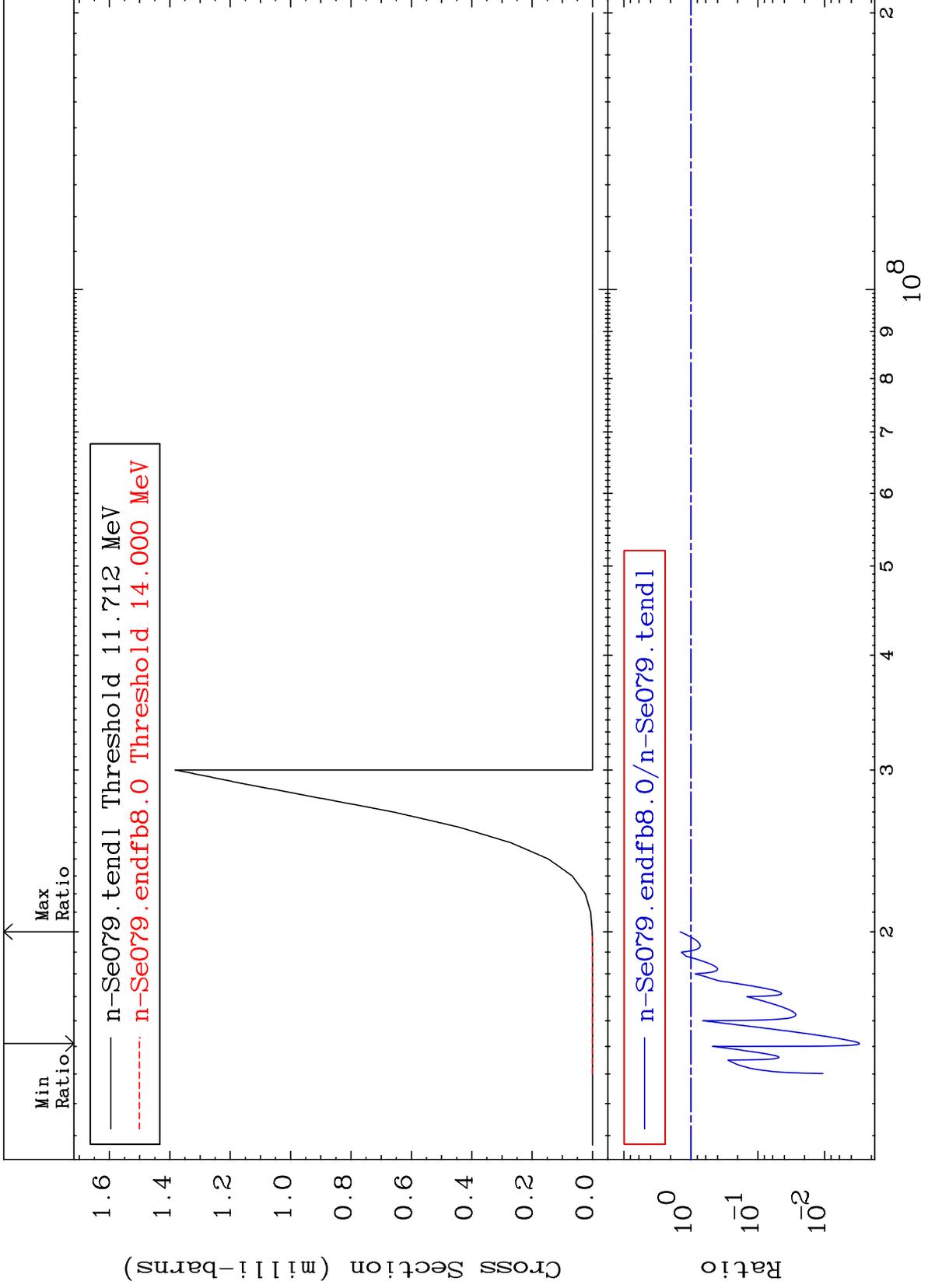
<sup>34</sup>Se-79  
-99.97 To 44.17 %



42

Incident Energy (eV)

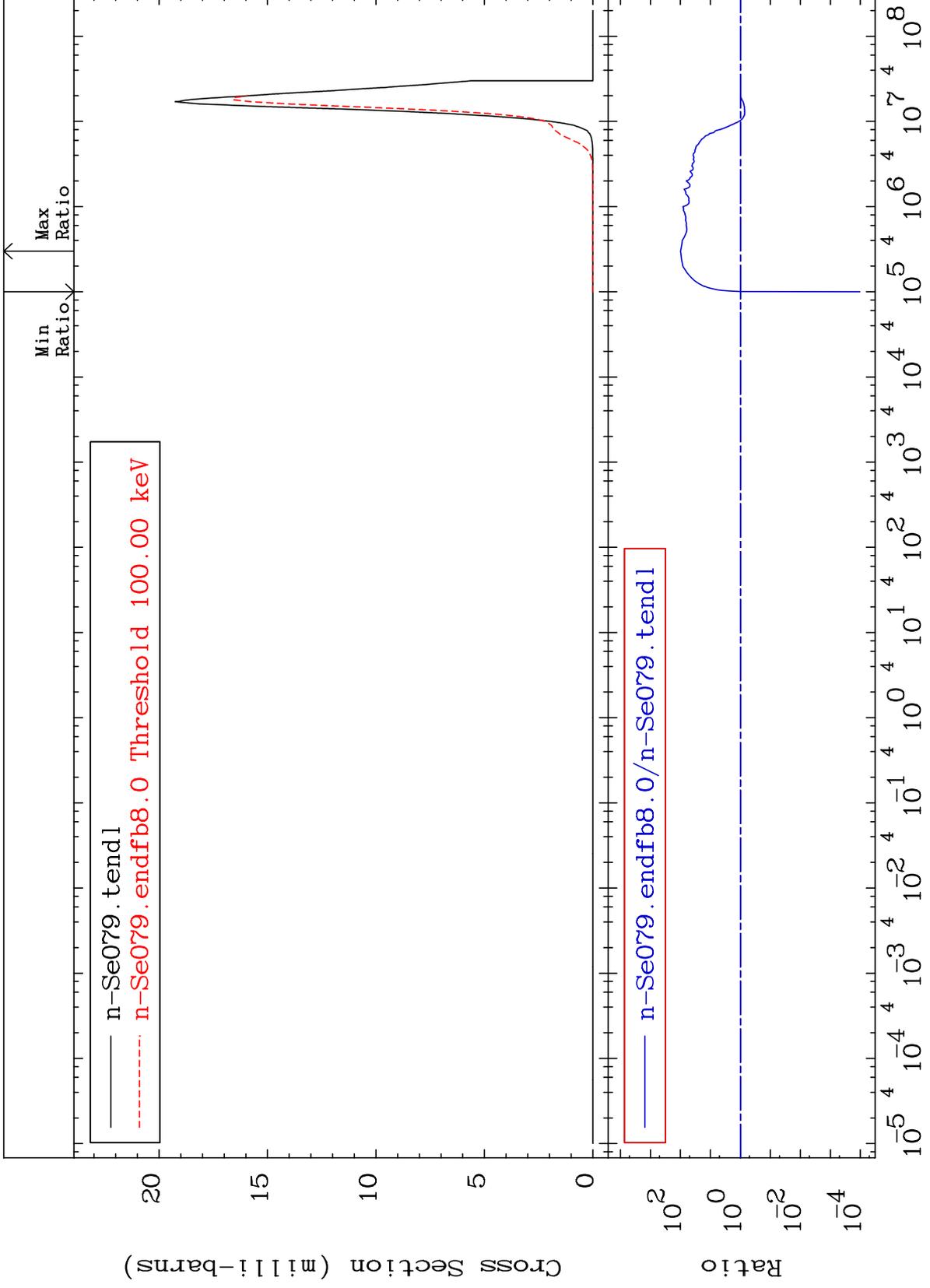
<sup>34</sup>Se-79

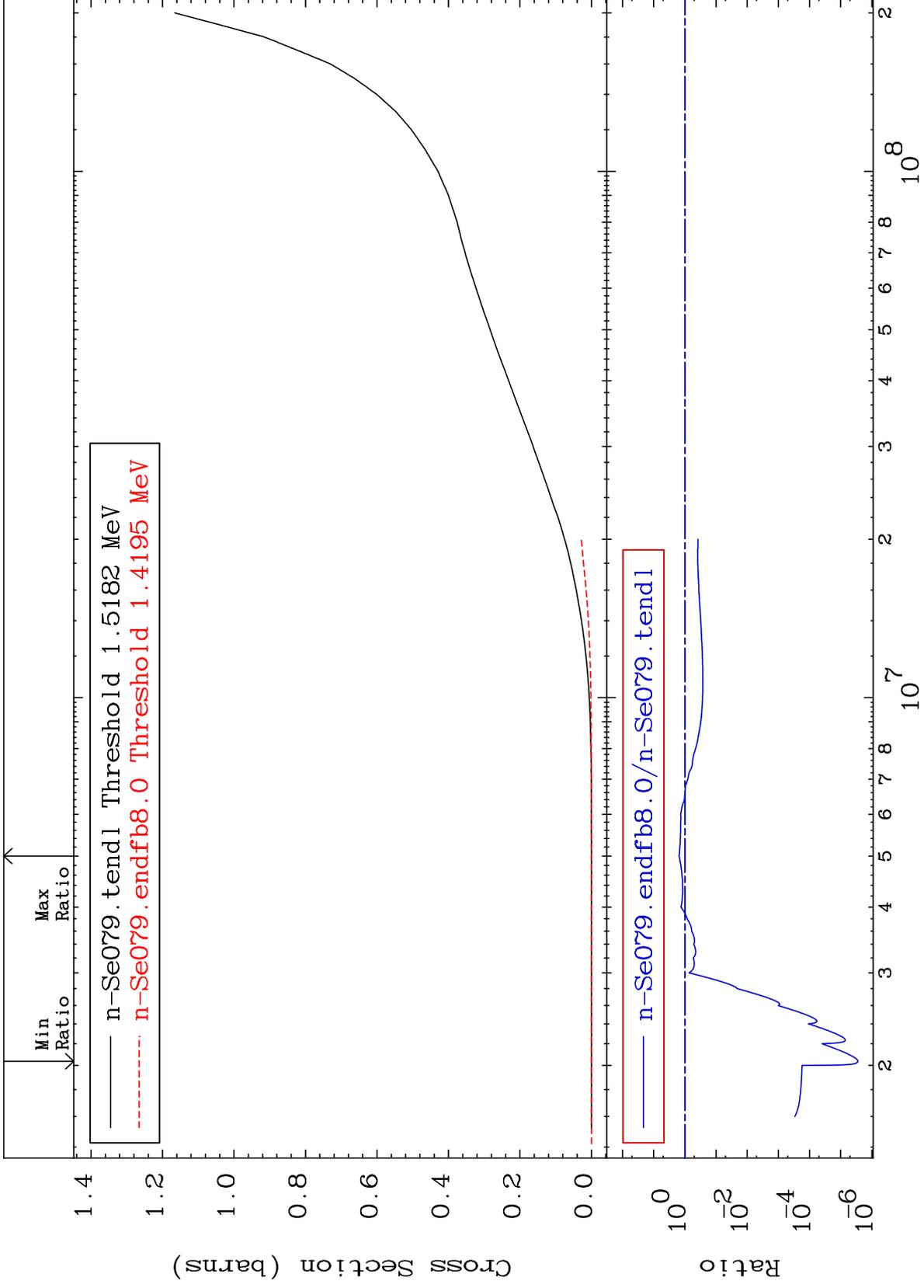


MAT 3440

(n,  $\alpha$ )  
Cross Section

<sup>34</sup>Se-79  
-99.99 To 9766. %

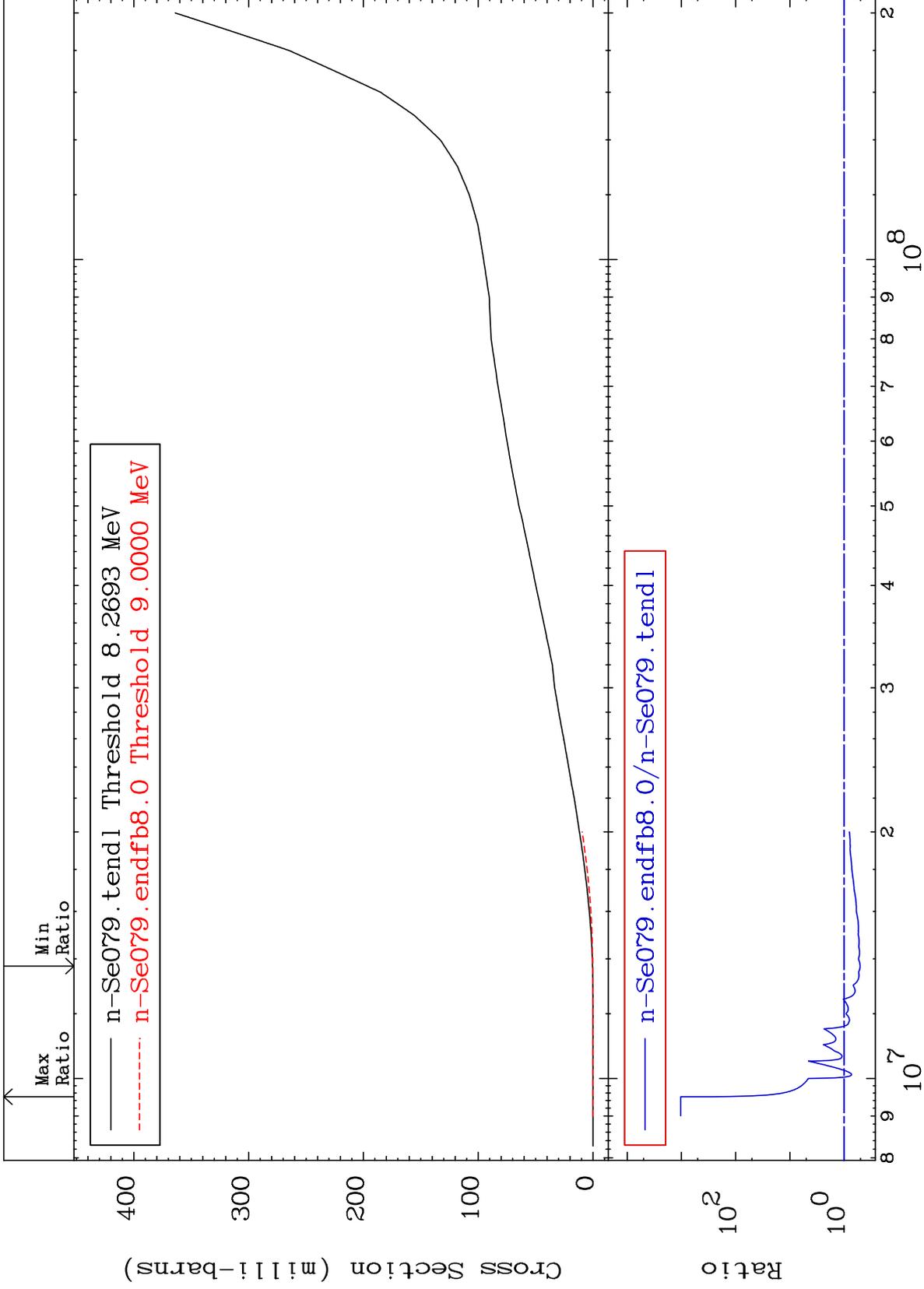




MAT 3440

Deuterium Production  
Cross Section

<sup>34</sup>Se-79  
-49.34 To 9999. %



46

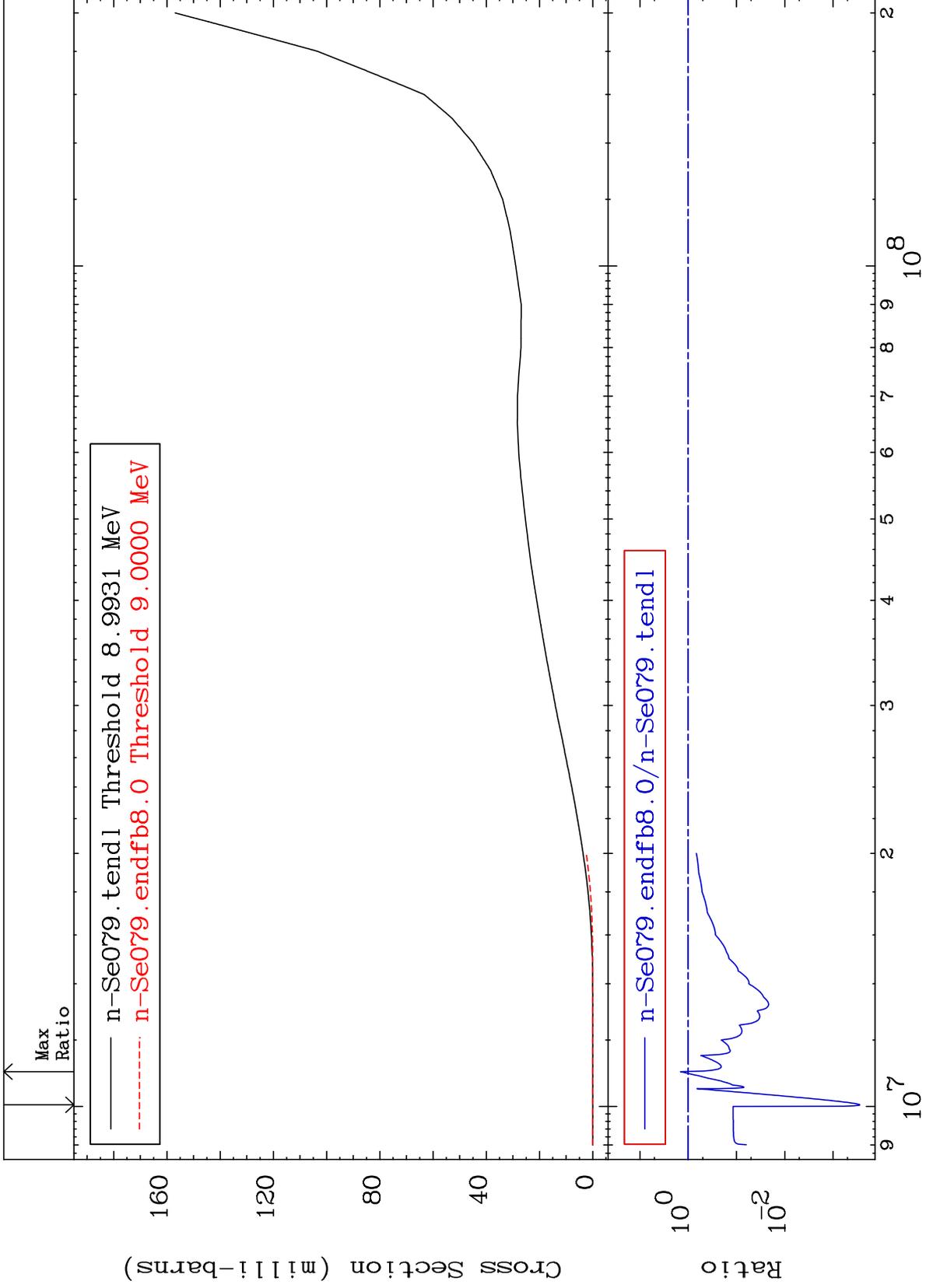
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

Tritium Production  
Cross Section

<sup>34</sup>Se-79  
-99.97 To 44.17 %



47

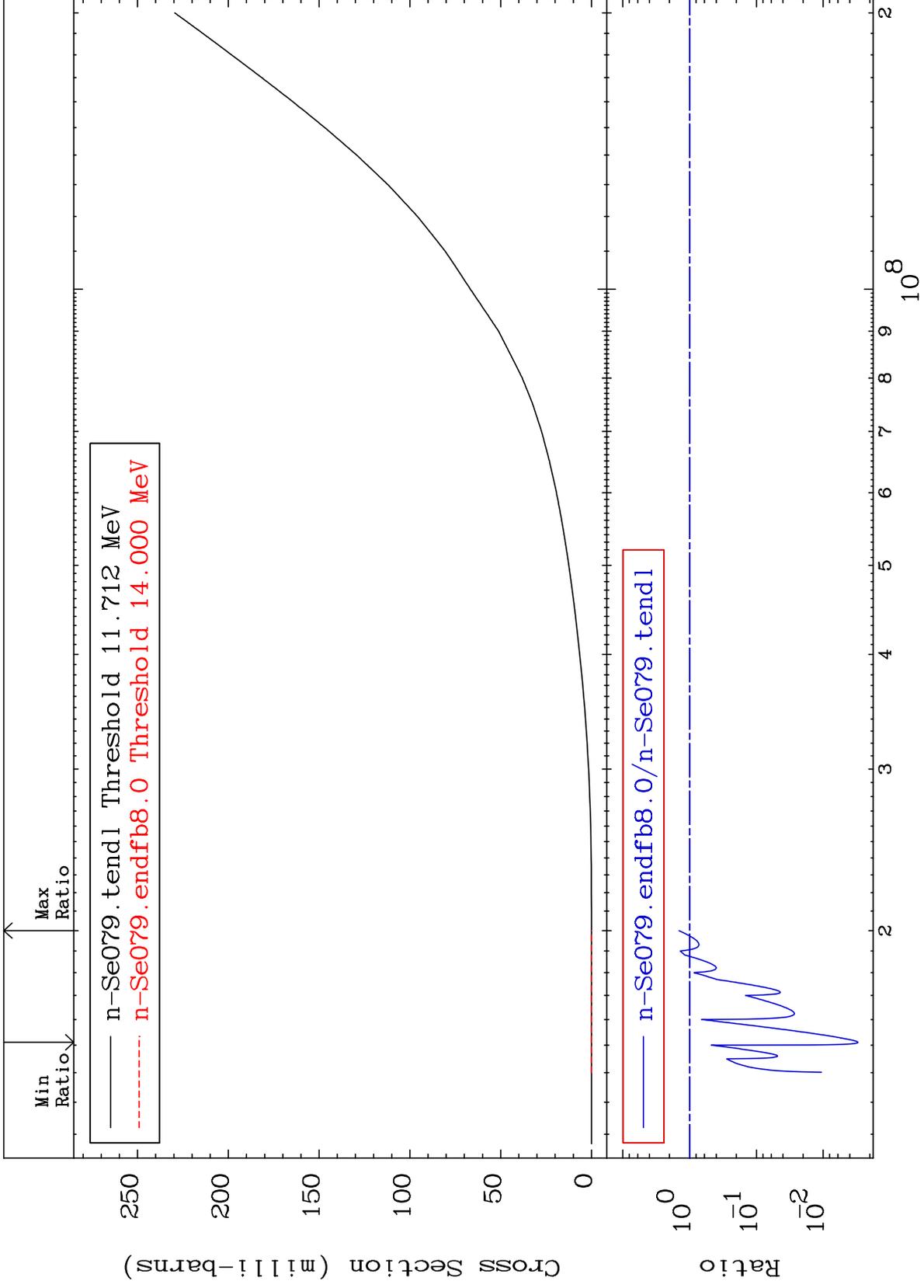
Incident Energy (eV)

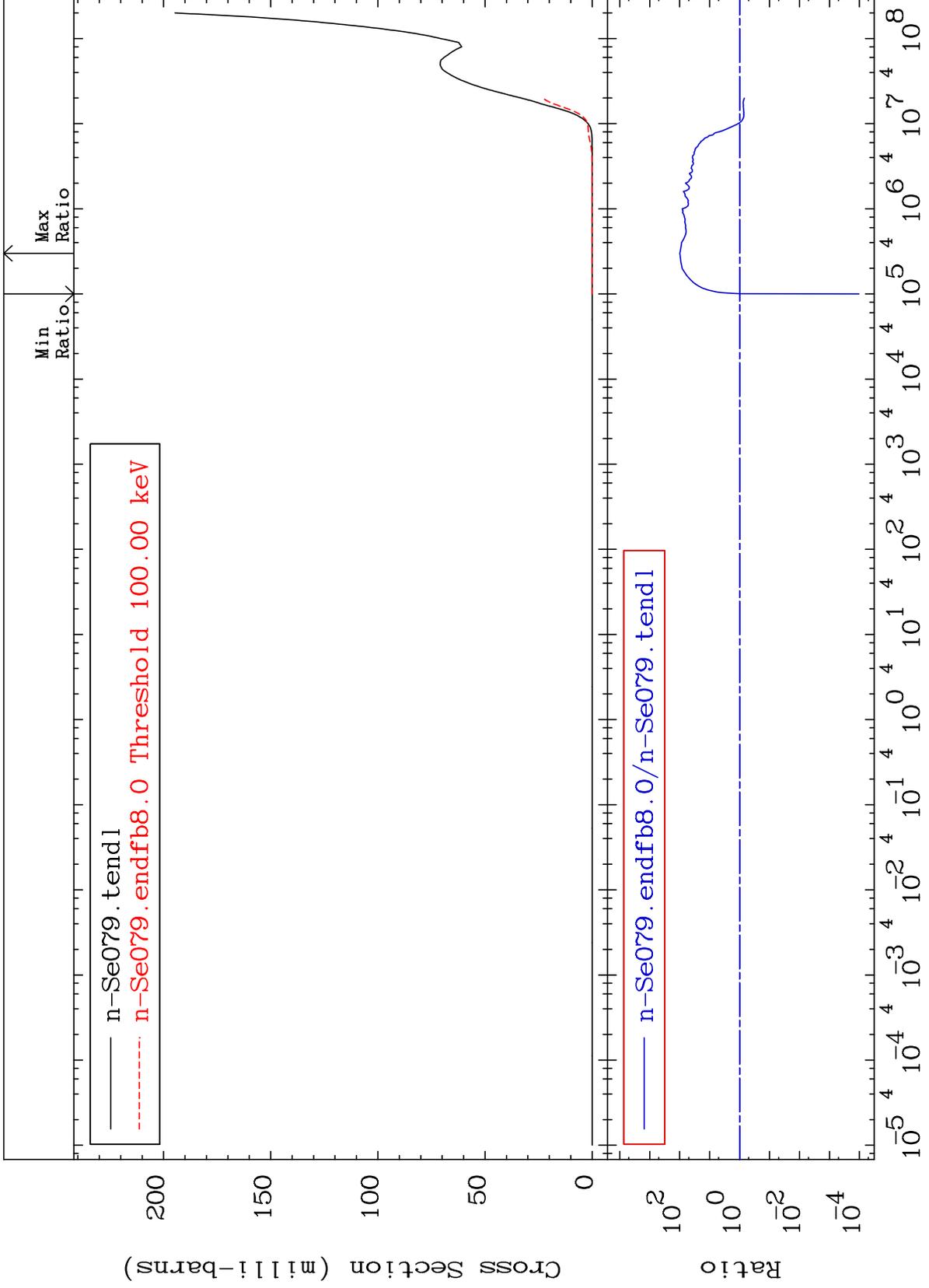
<sup>34</sup>Se-79

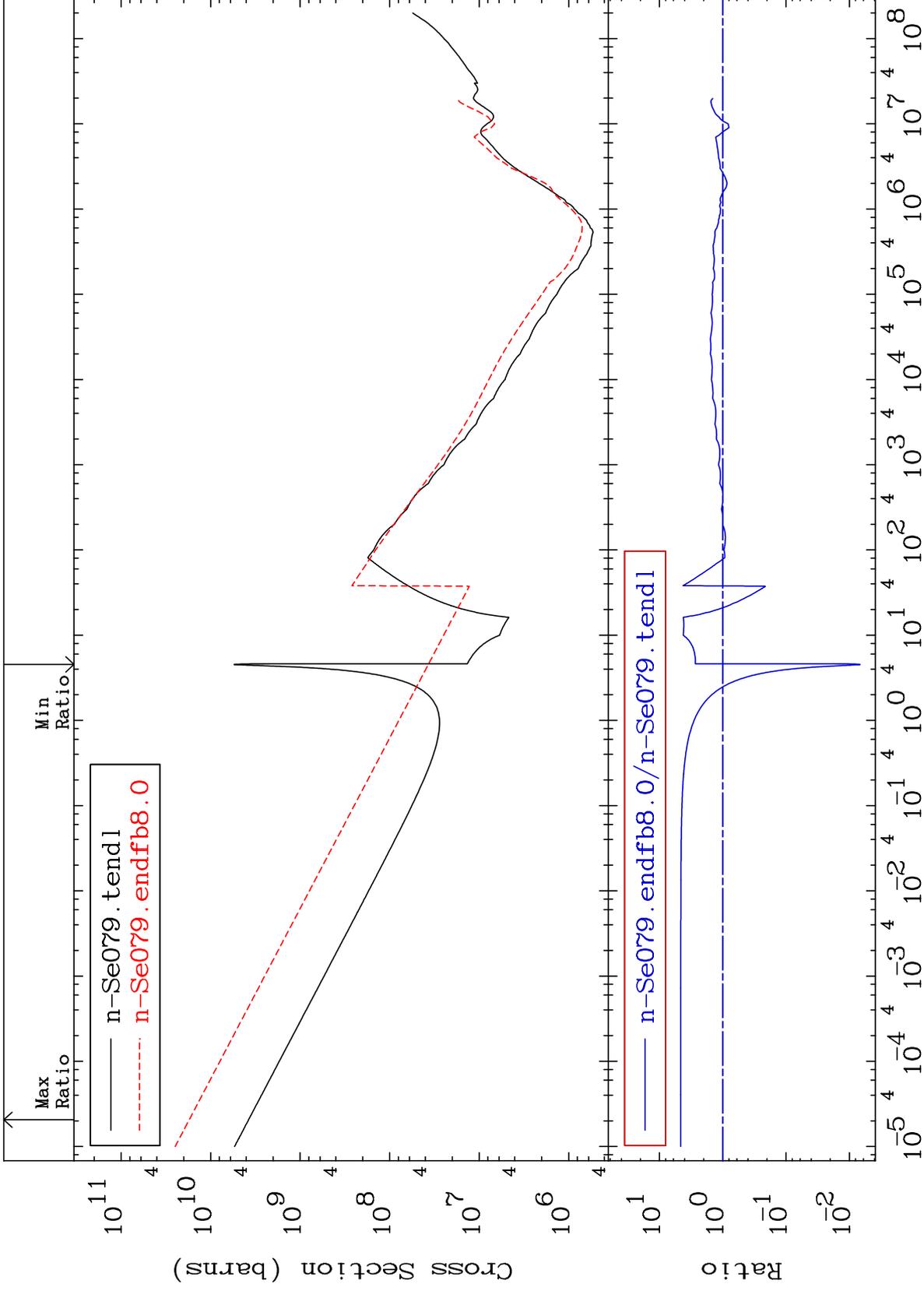
MAT 3440

He-3 Production  
Cross Section

<sup>34</sup>Se-79  
-99.70 To 44.00 %



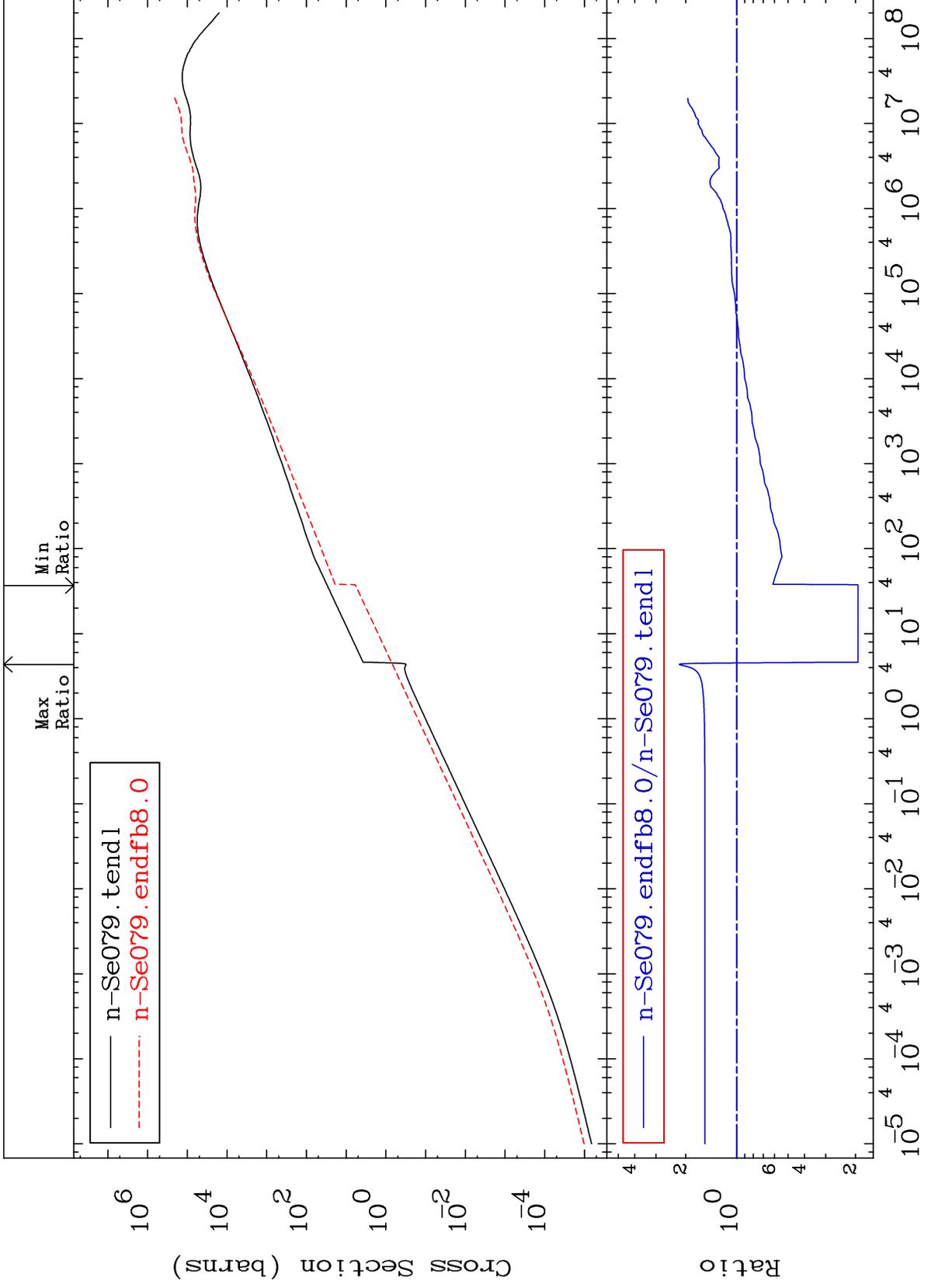


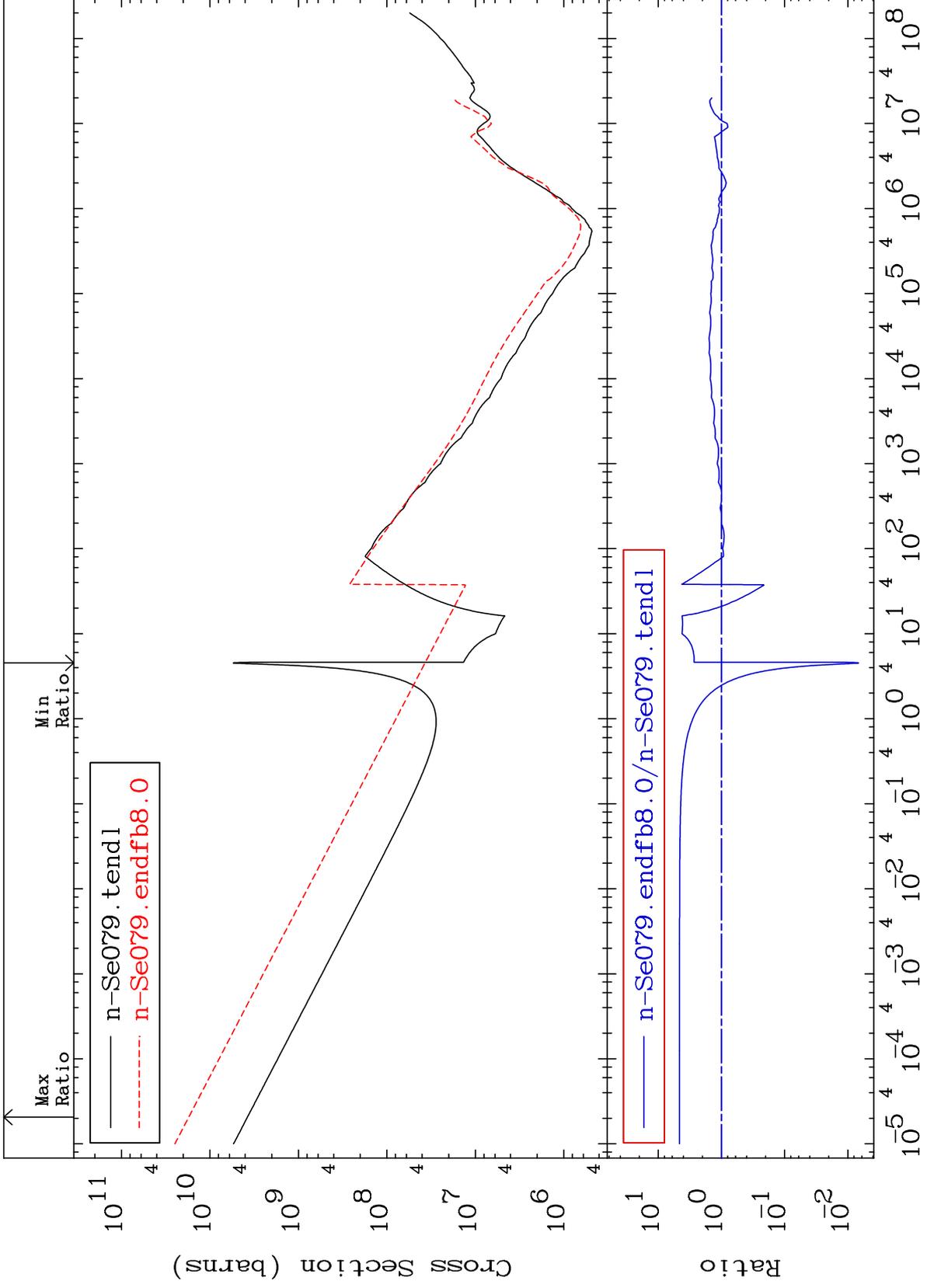


MAT 3440

Kerma elastic  
Cross Section

<sup>34</sup>Se-79  
-80.66 To 118.9 %

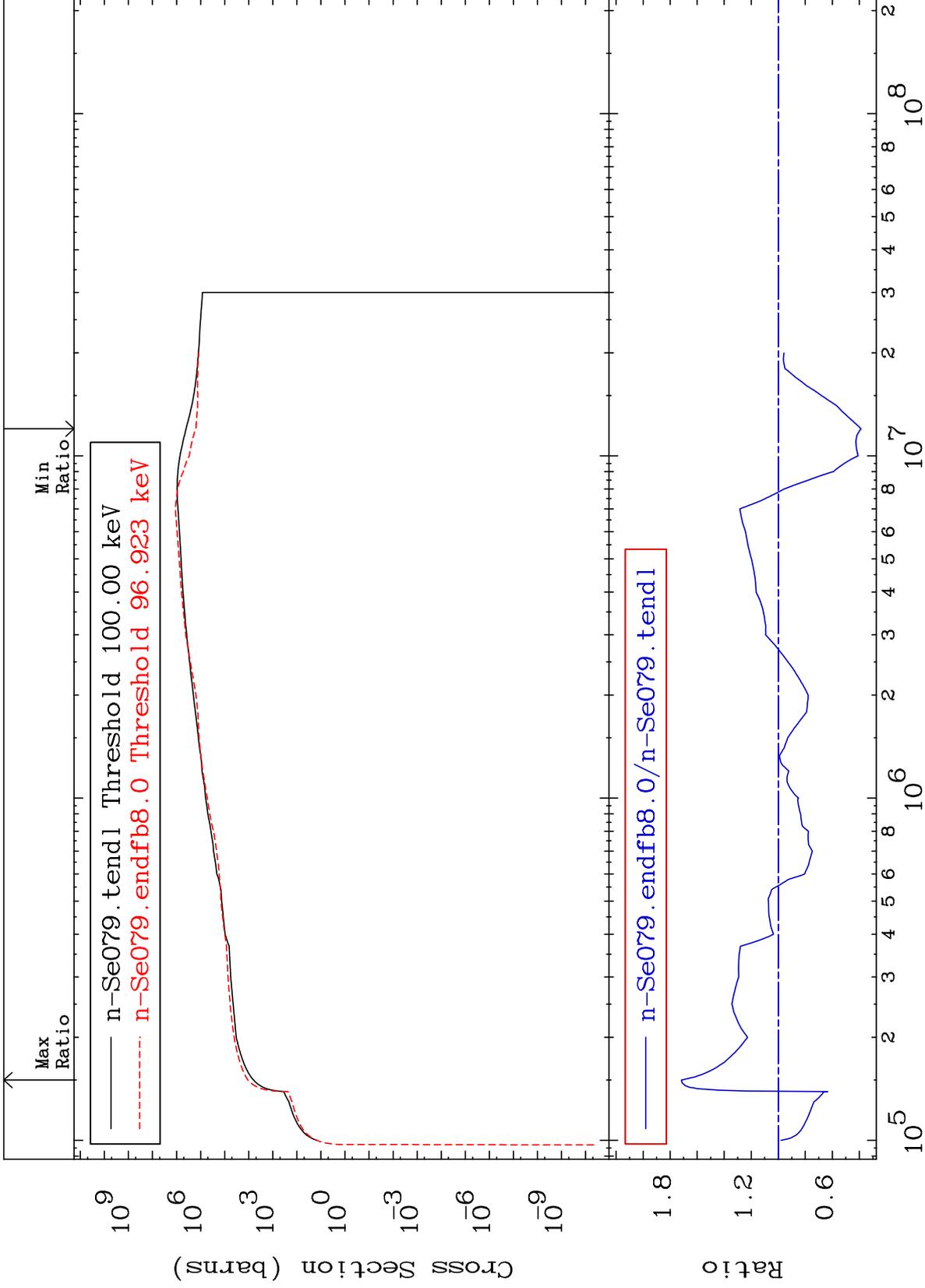




MAT 3440

Kerma inelastic (mt51-91)  
Cross Section

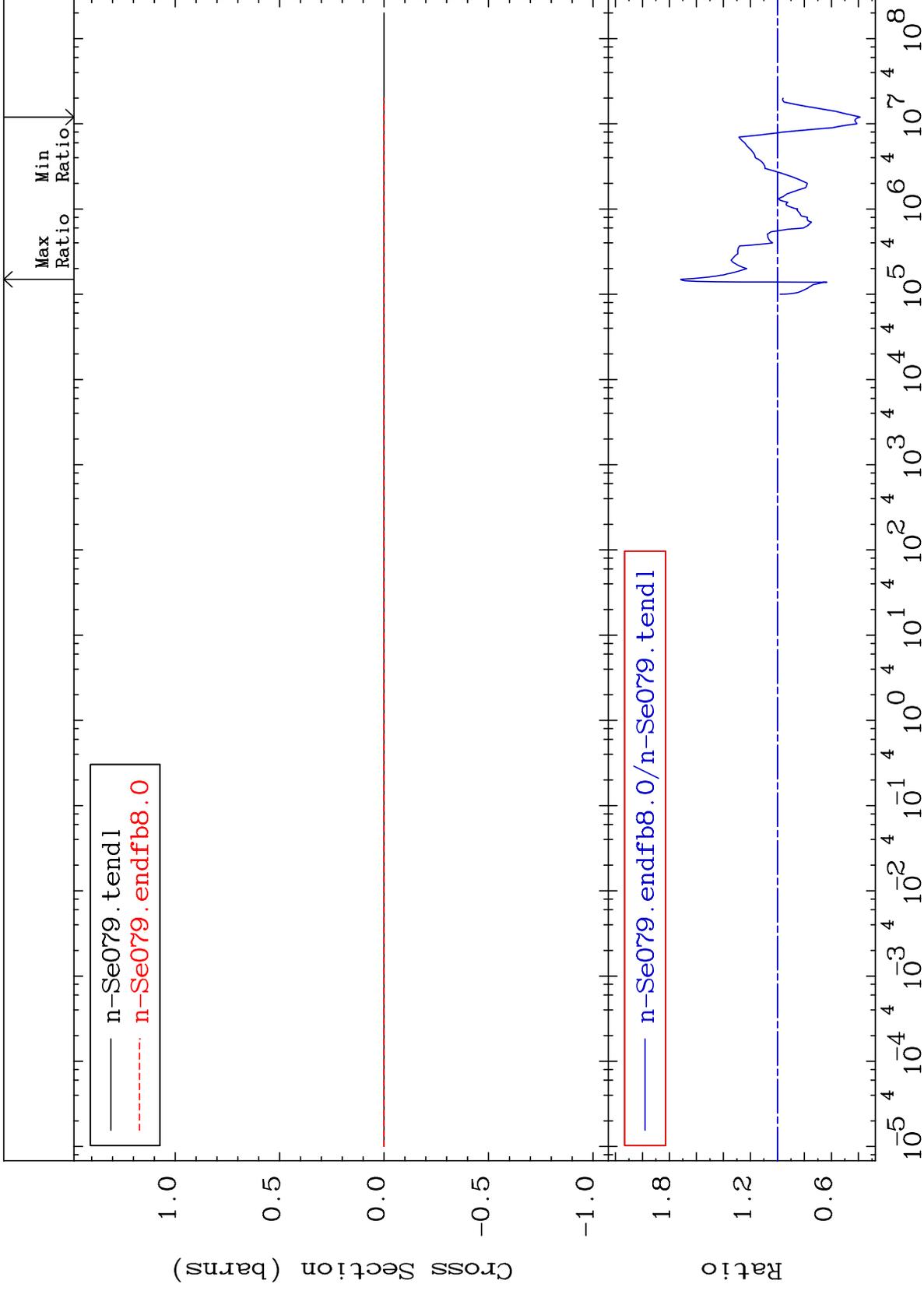
34-Se-79  
-61.26 To 71.59 %



53

34-Se-79

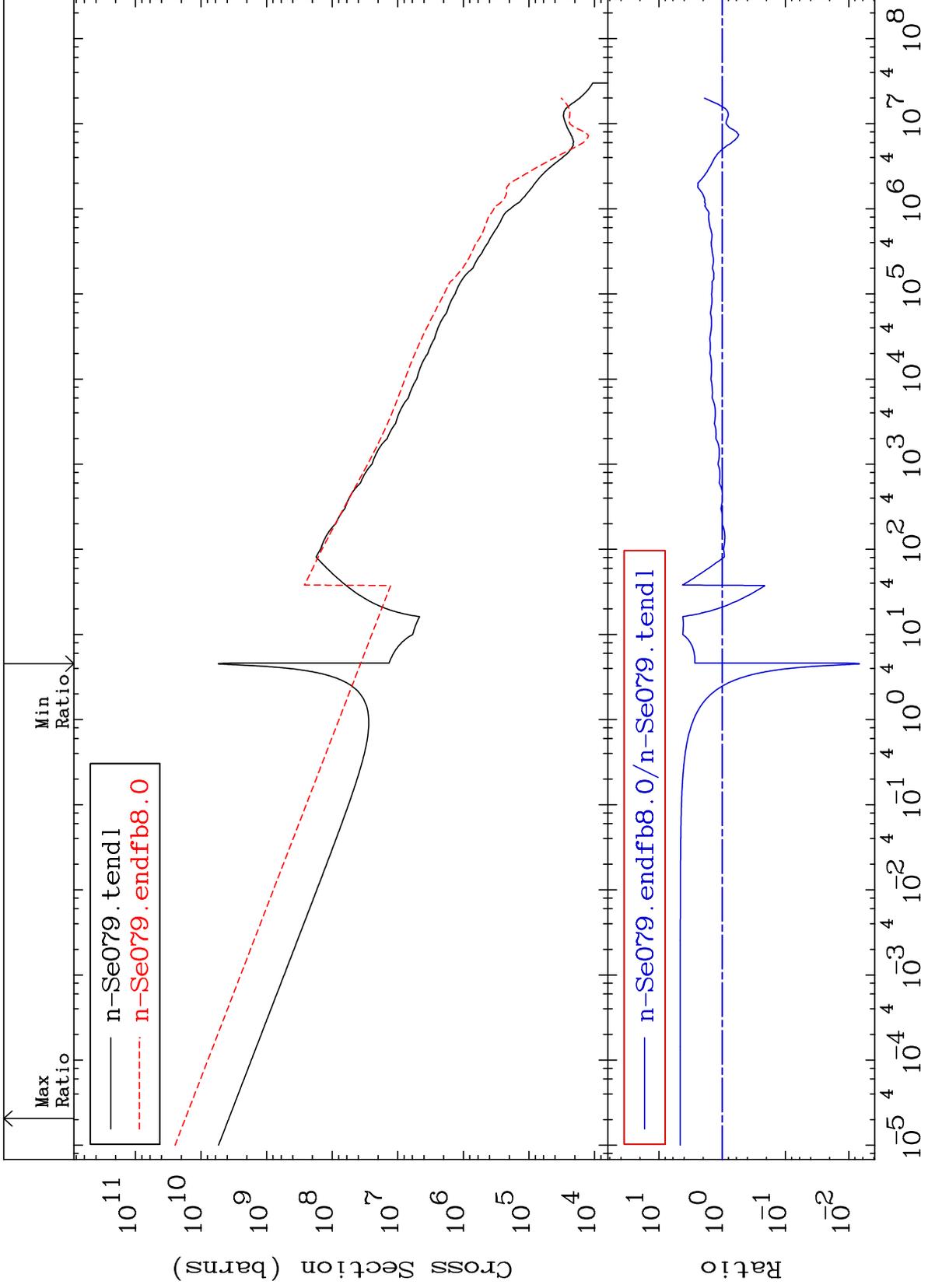
34-Se-79

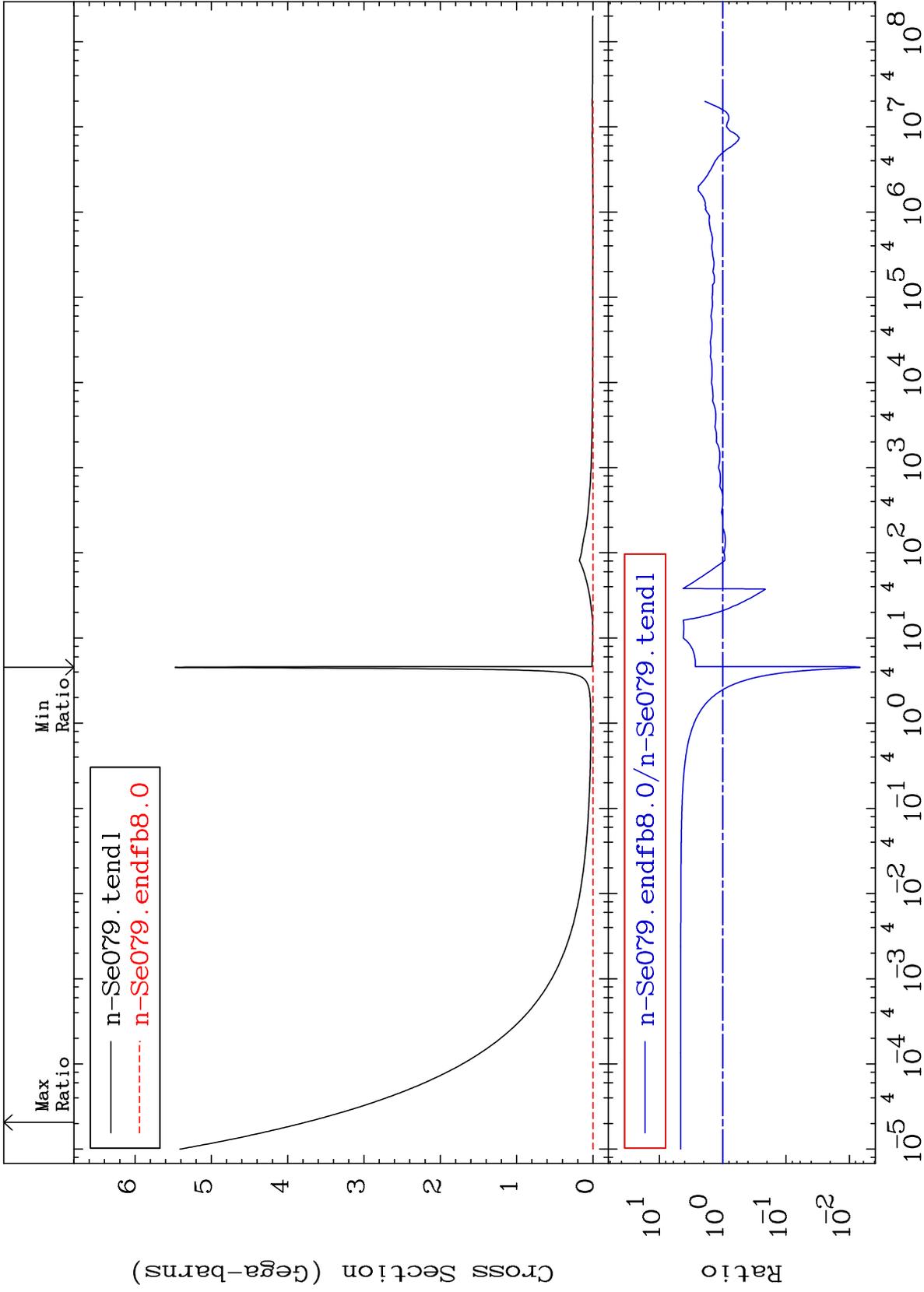


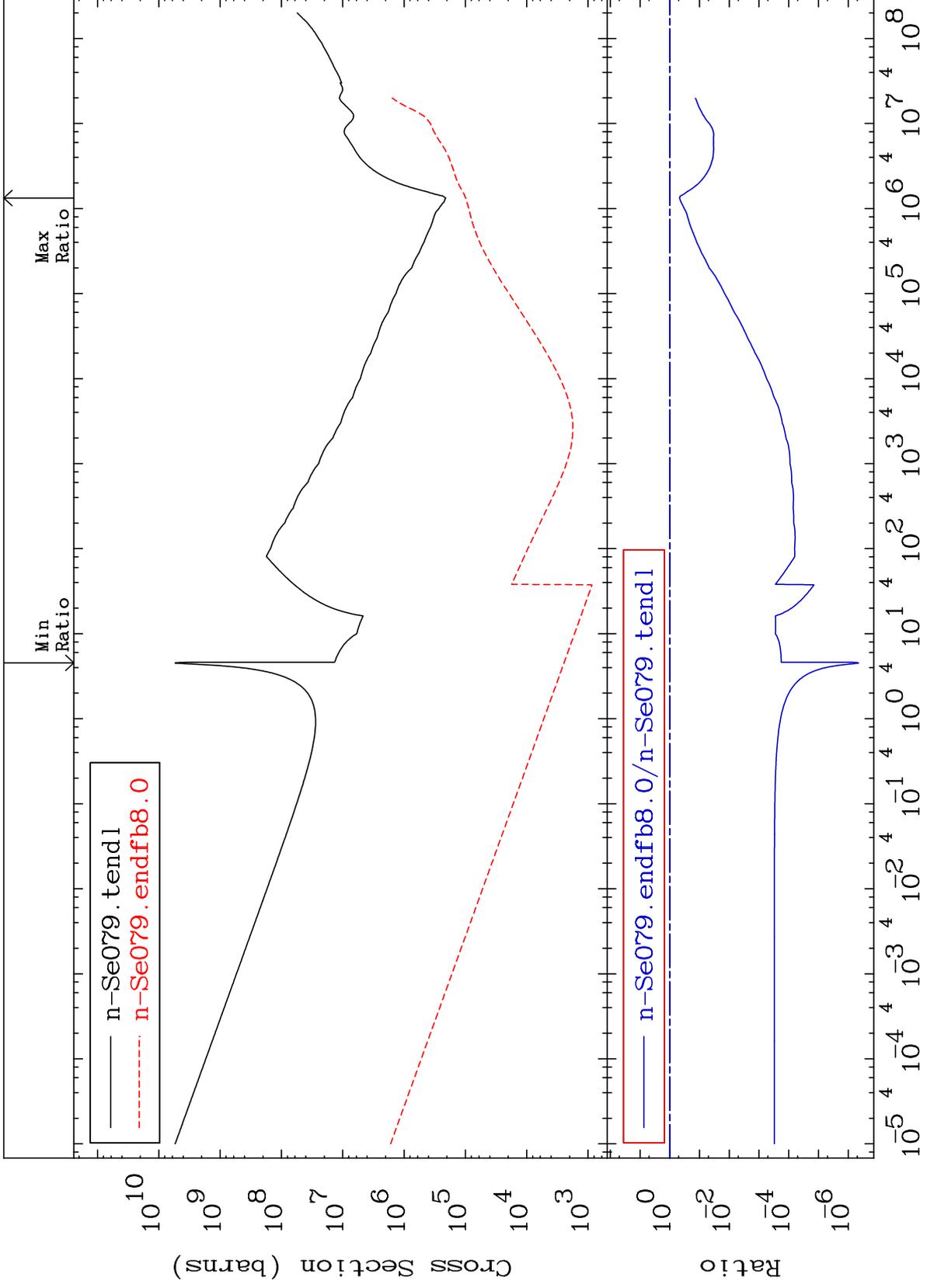
MAT 3440

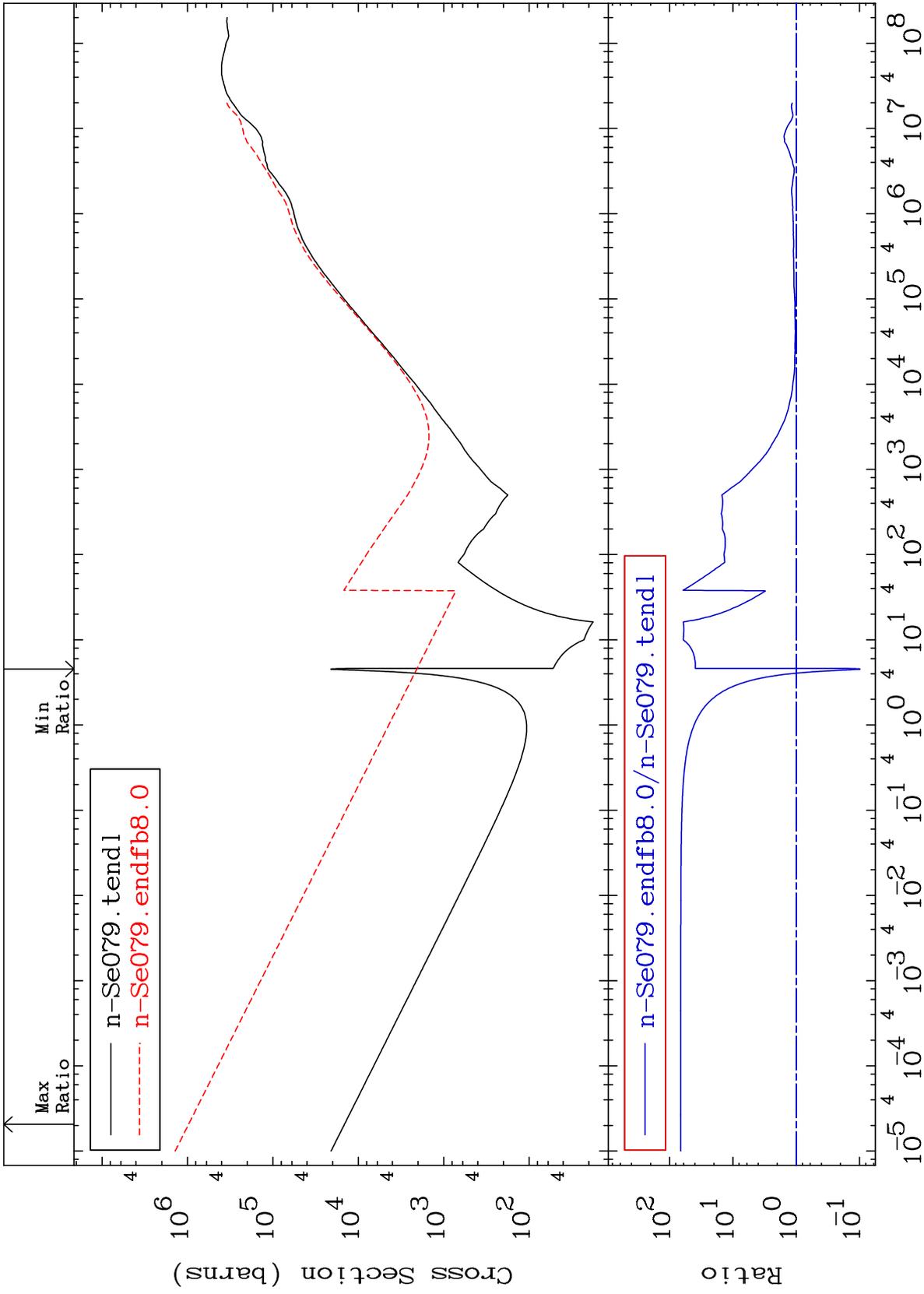
Kerma capture (mt102)  
Cross Section

<sup>34</sup>Se-79  
-99.32 To 360.7 %





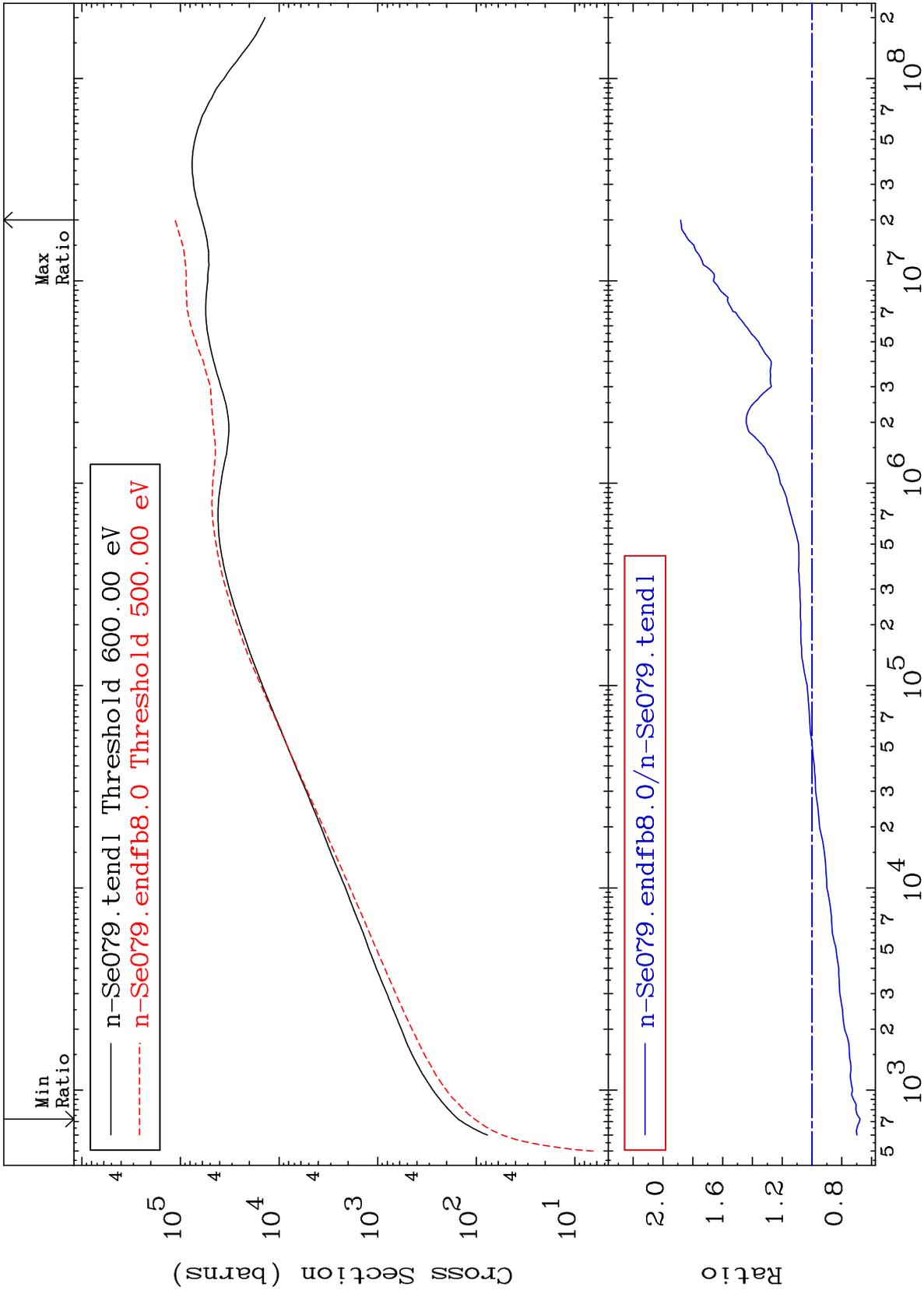




MAT 3440

Dpa elastic (mt2)  
Cross Section

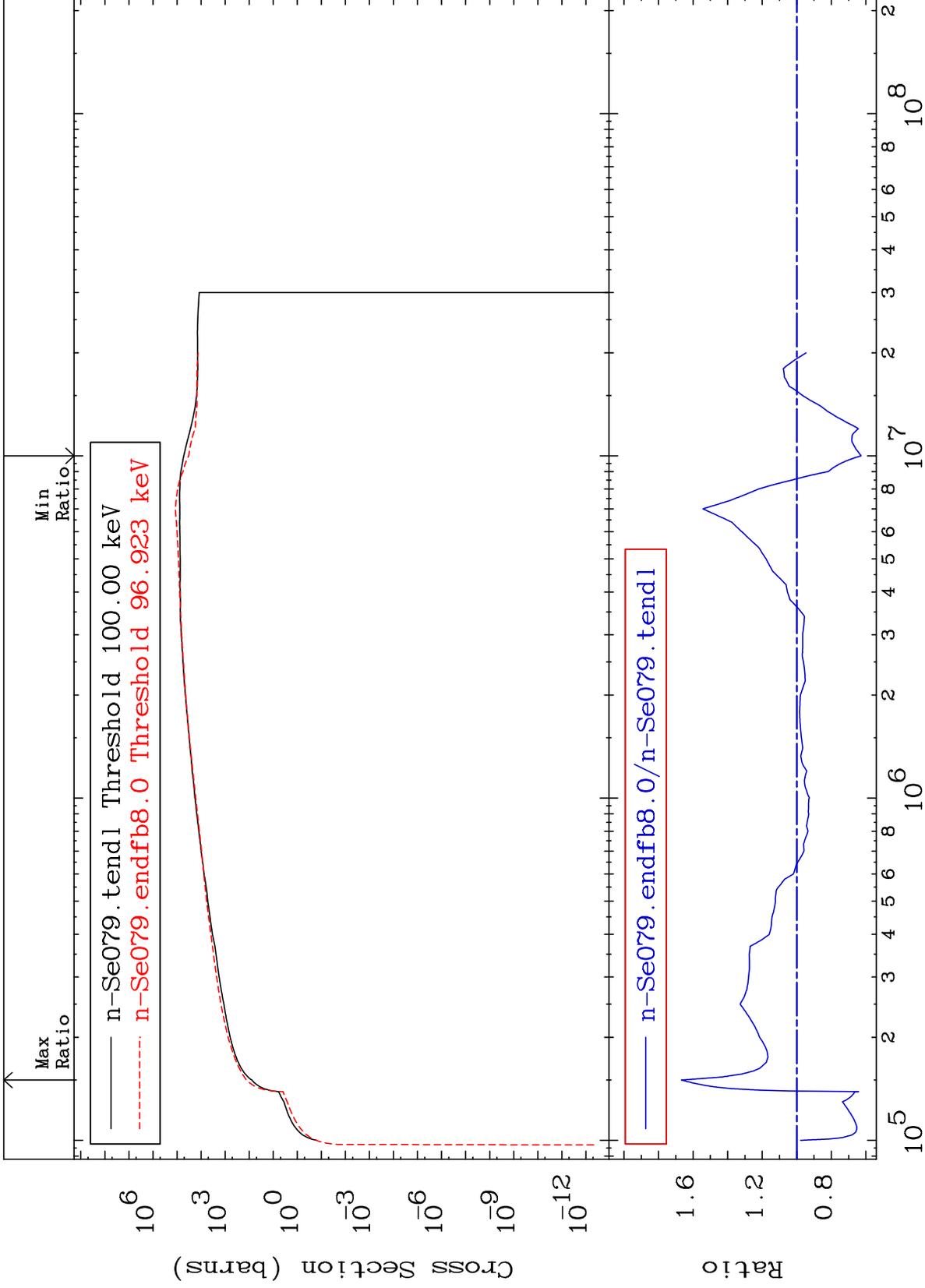
<sup>34</sup>Se-79  
-32.26 To 88.07 %



MAT 3440

Dpa inelastic (mt51-91)  
Cross Section

<sup>34</sup>Se-79  
-37.16 To 66.72 %



60

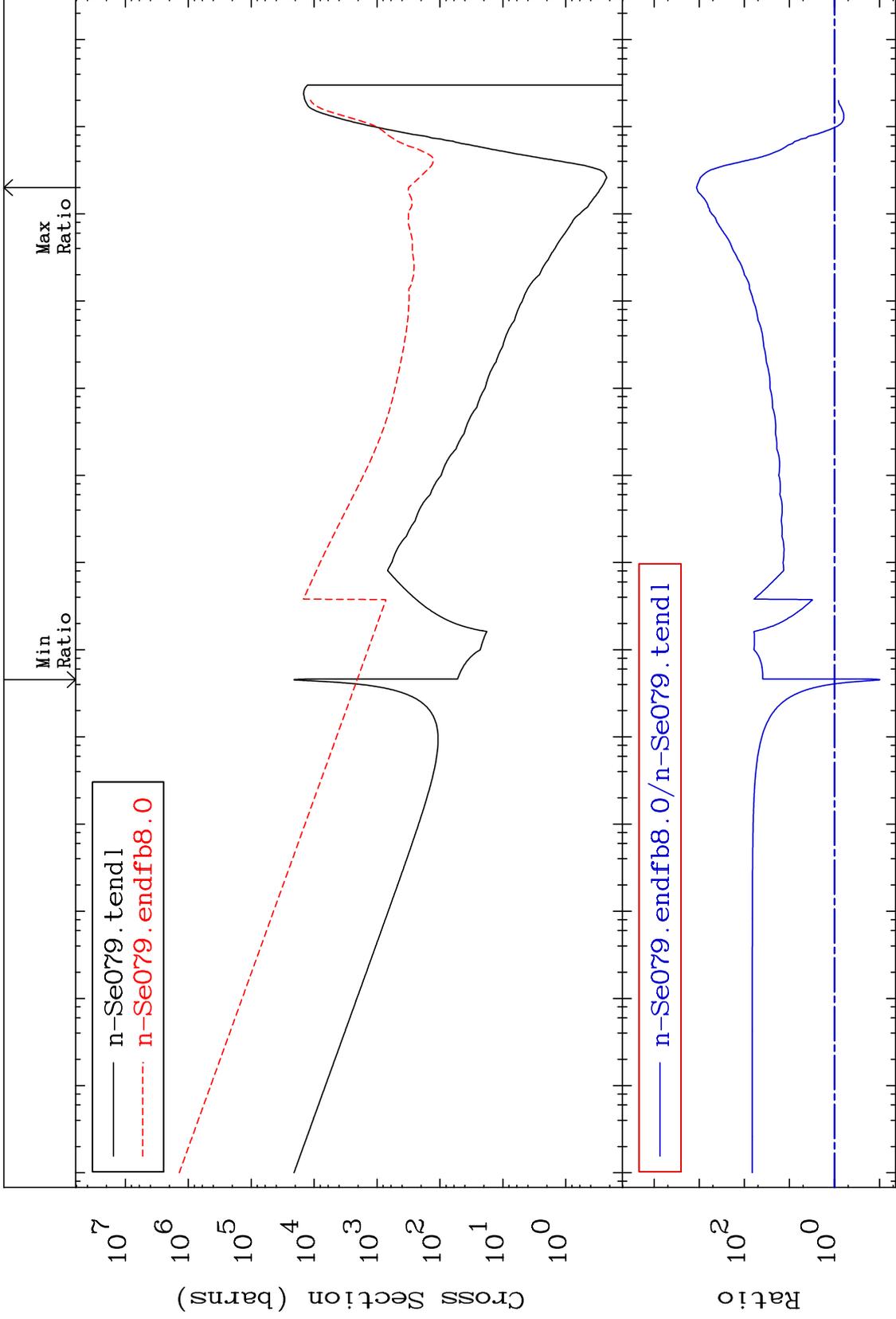
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

Dpa disappearance (mt102 -120)  
Cross Section

34-Se-79  
-90.20 To 9999. %



61

34-Se-79