

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

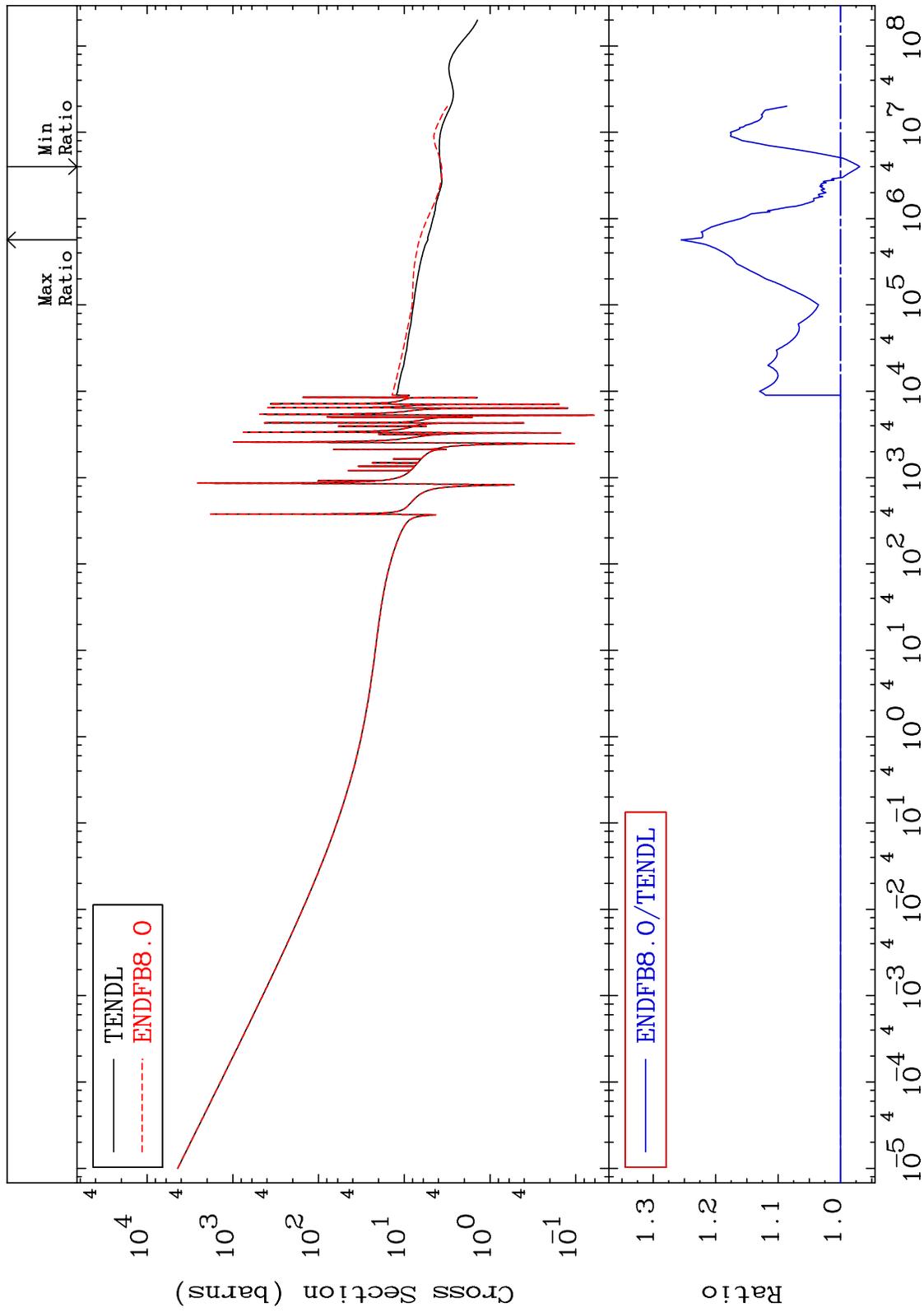
MAT 3431

Total

34-Se-76

Cross Section

-3.093 To 25.51 %



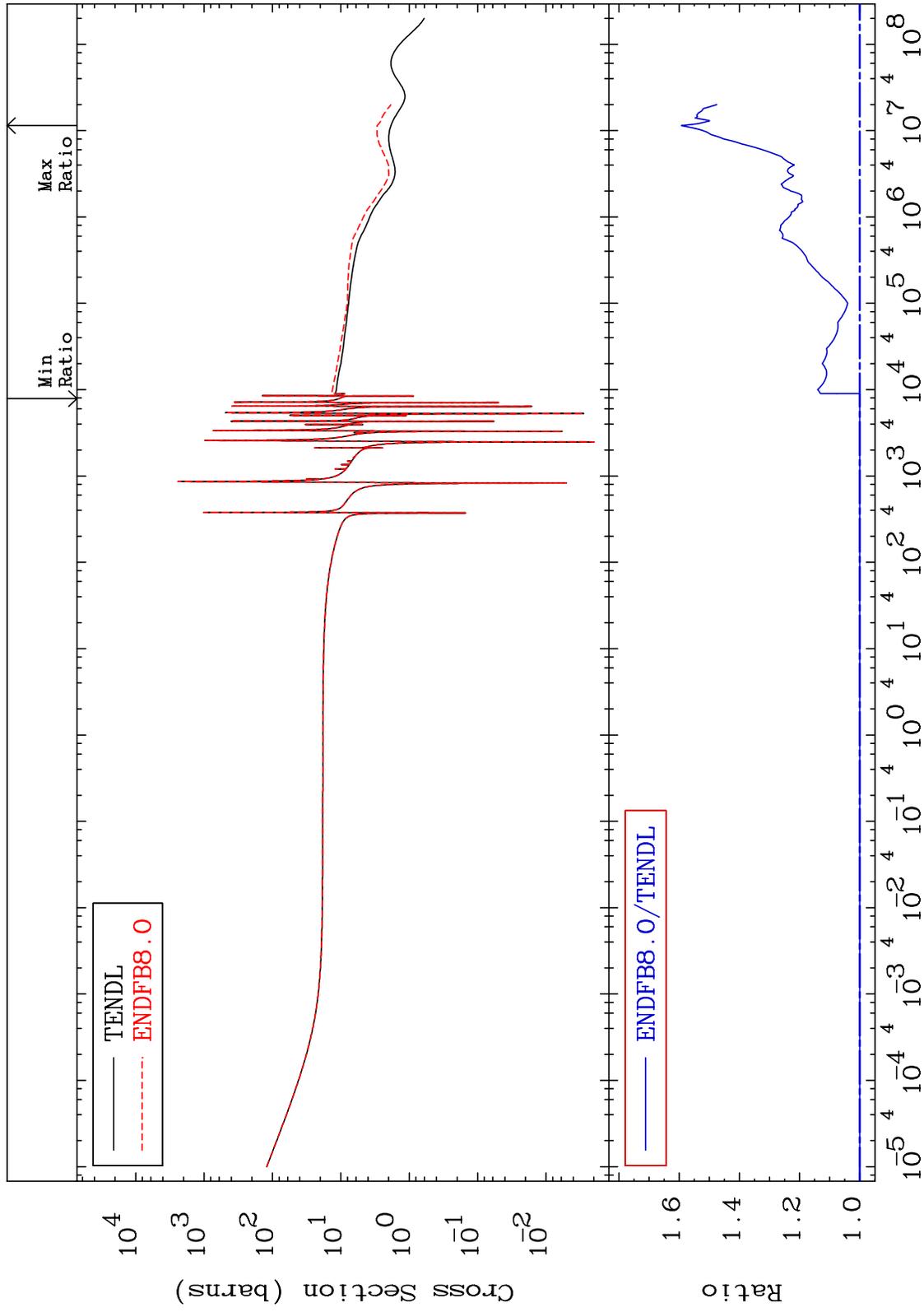
Incident Energy (eV)

34-Se-76

MAT 3431

Elastic  
Cross Section

34-Se-76  
-0.005 To 59.33 %

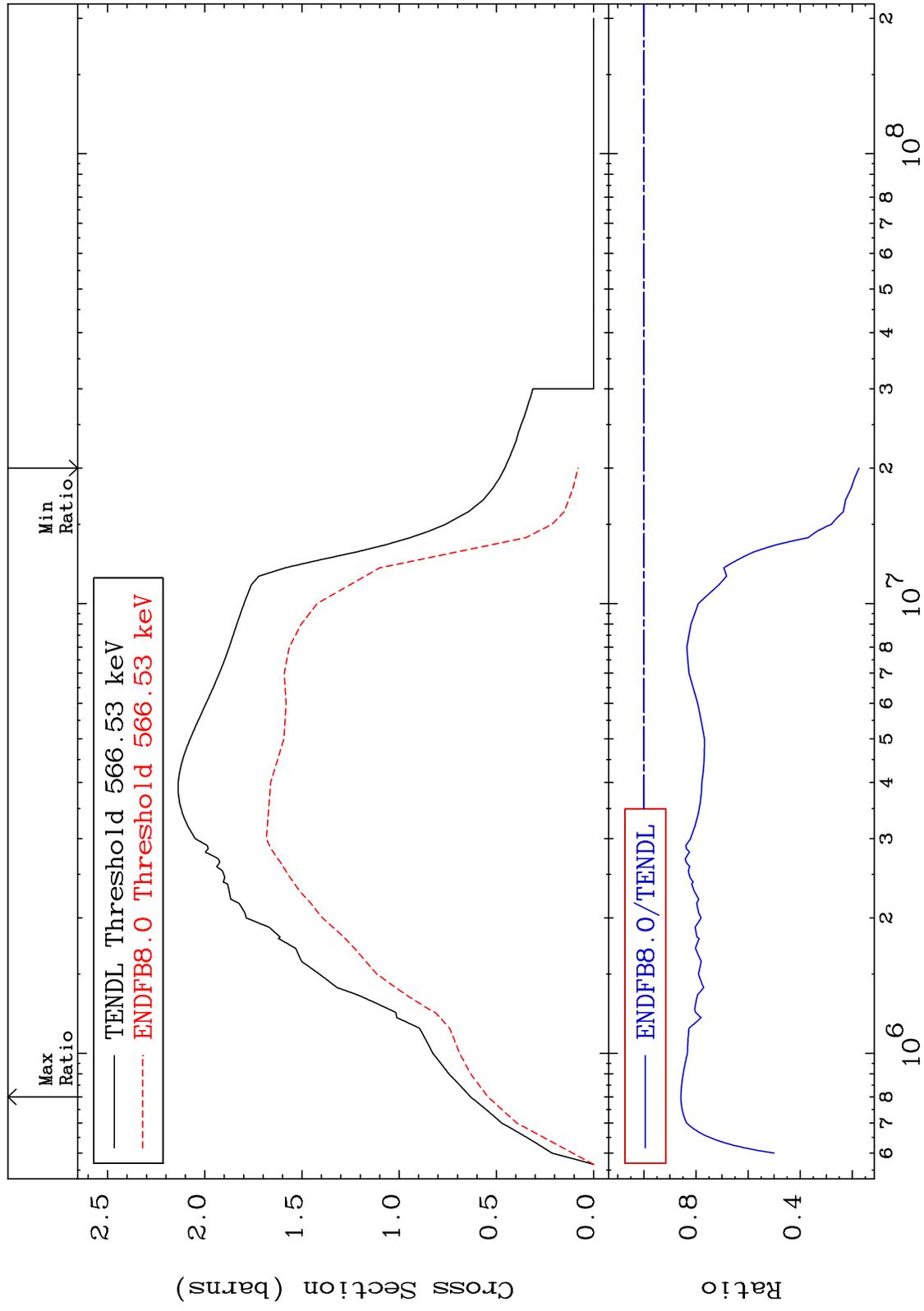


2

Incident Energy (eV)

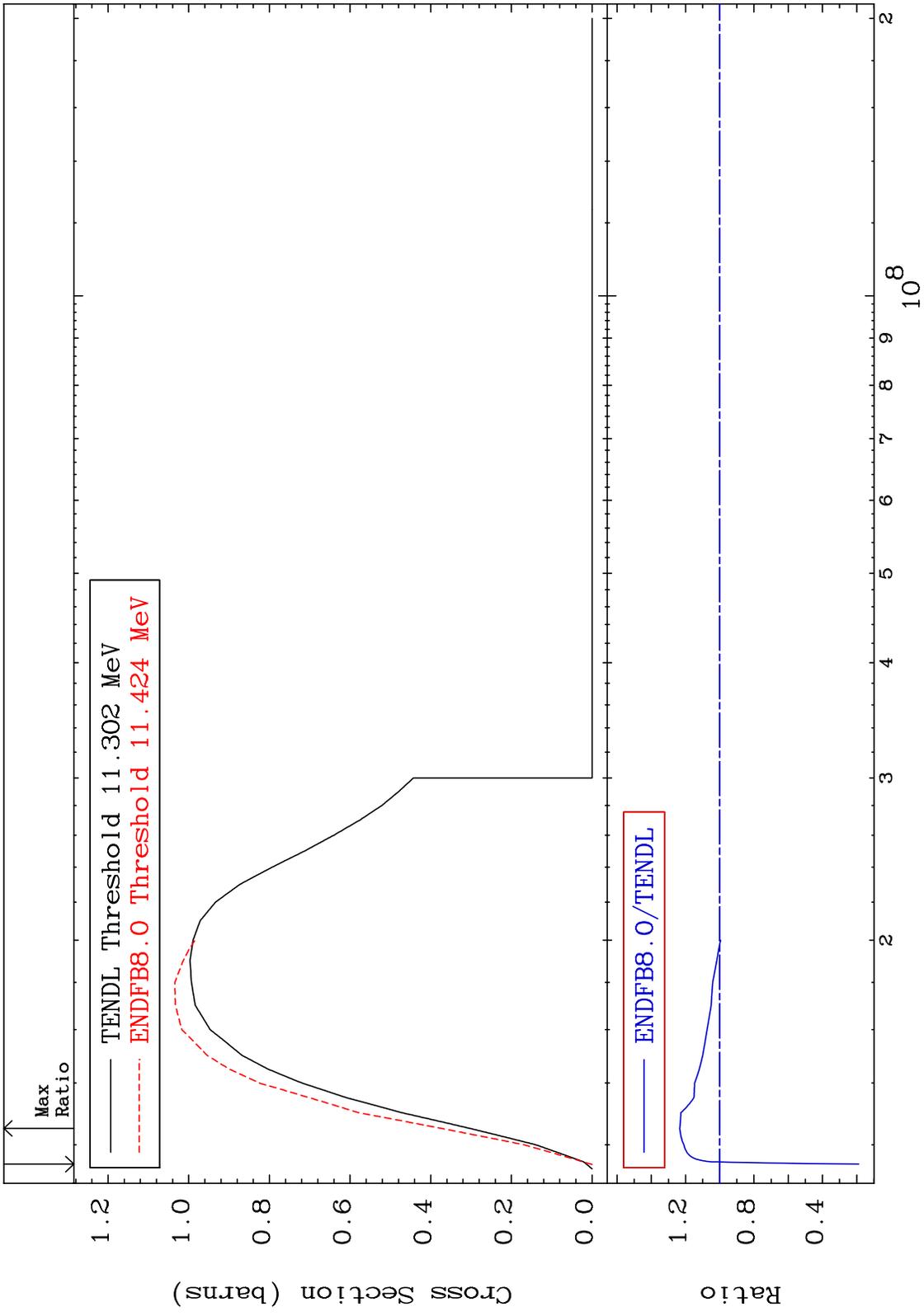
34-Se-76

MAT 3431 Inelastic Cross Section 34-Se-76 -82.60 To -14.18%



3 34-Se-76

MAT 3431 (n,2n) Cross Section 34-Se-76 -81.23 To 23.37 %



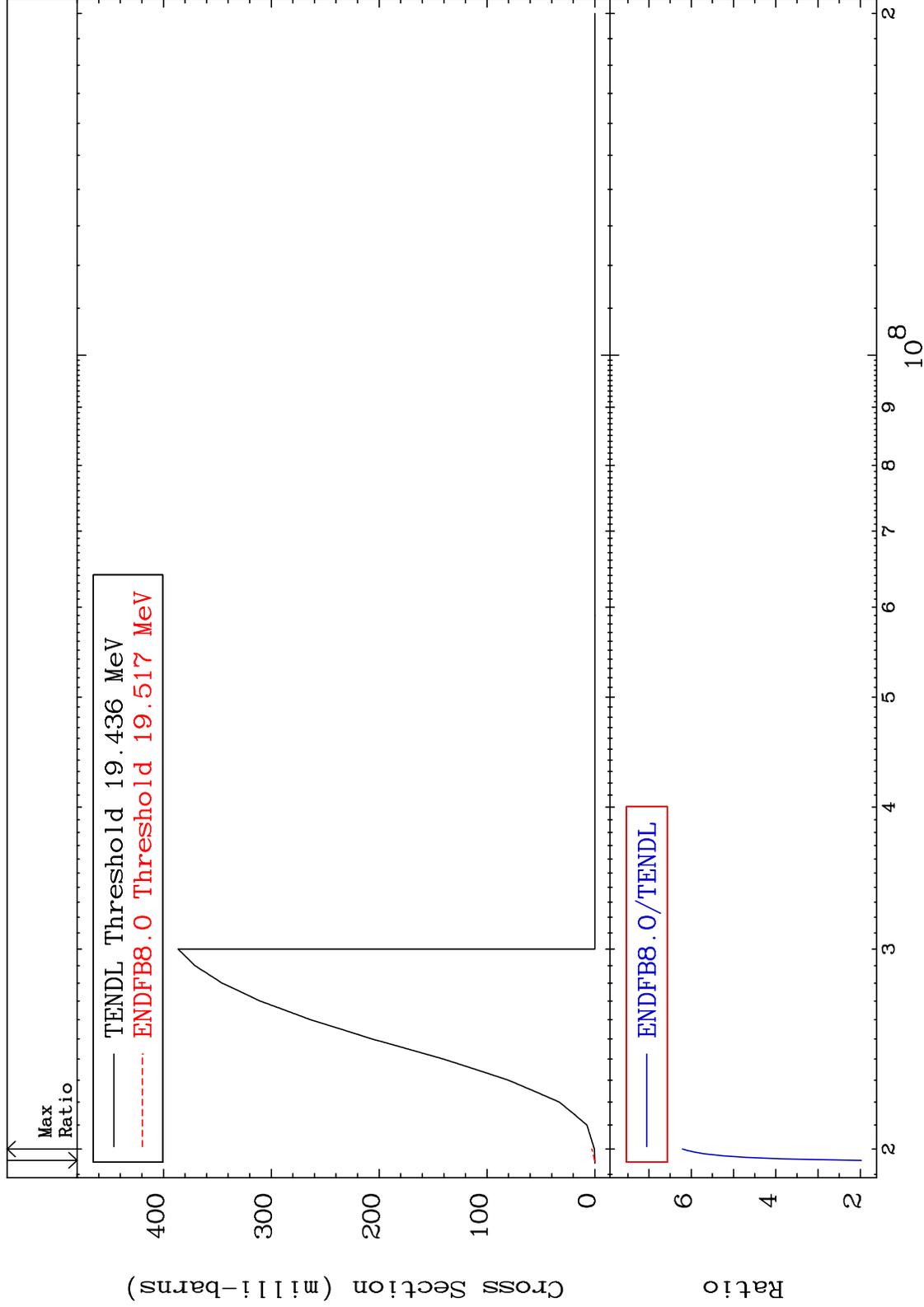
MAT 3431

(n,3n)

34-Se-76

Cross Section

97.70 To 520.8 %

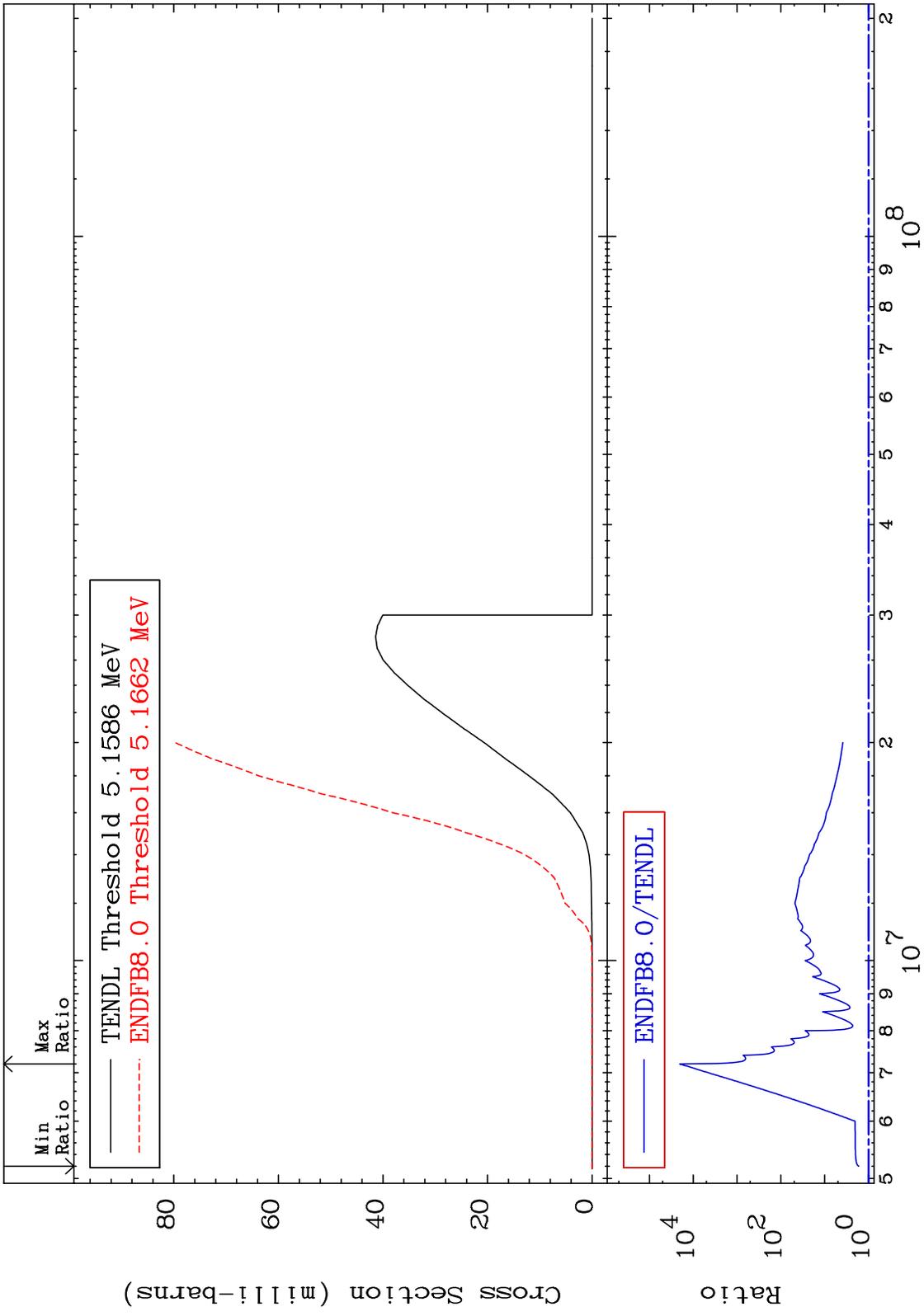


5

Incident Energy (eV)

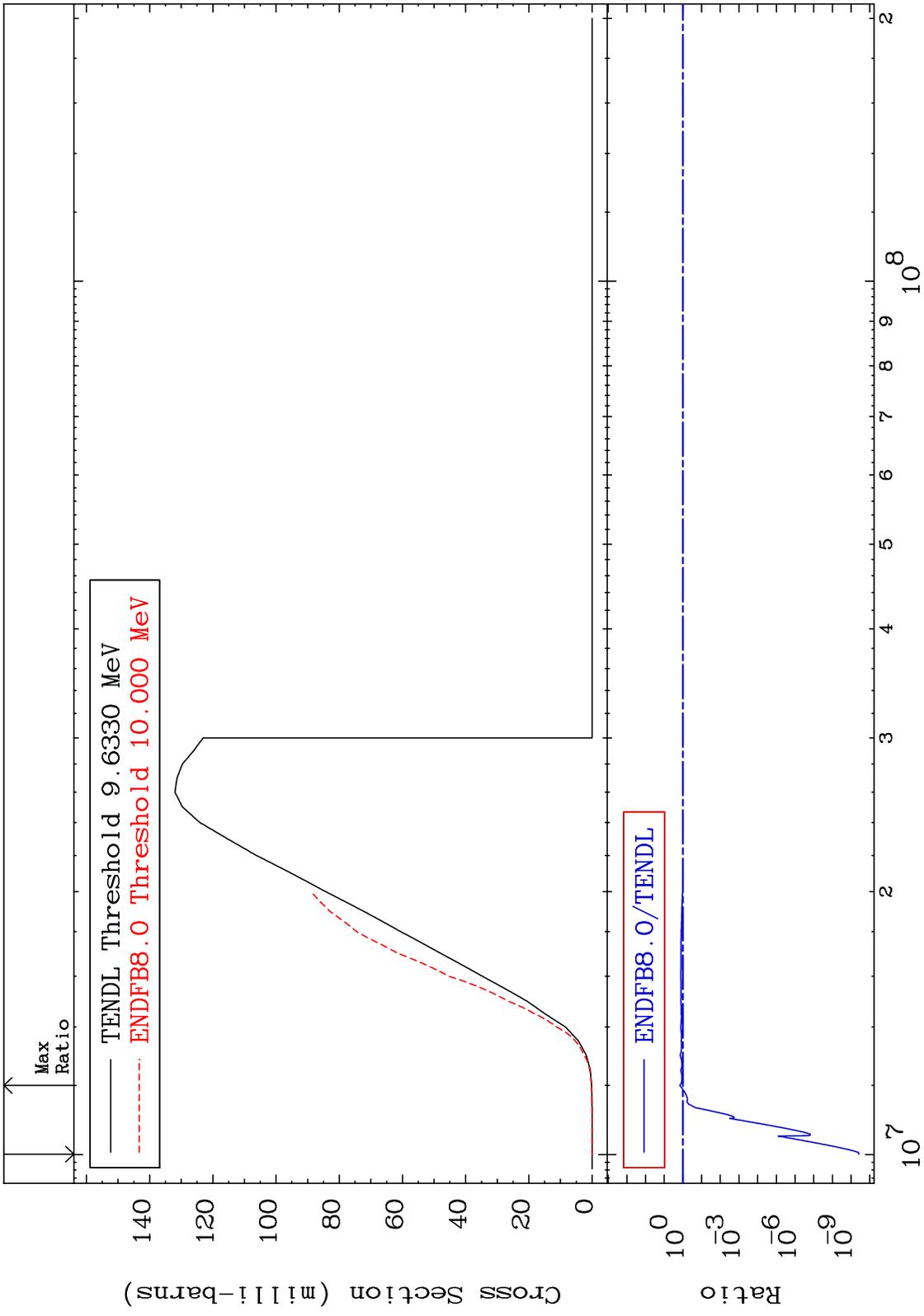
34-Se-76

MAT 3431  $(n, n') \alpha$  Cross Section  $^{34}\text{Se-76}$  To 9999. %



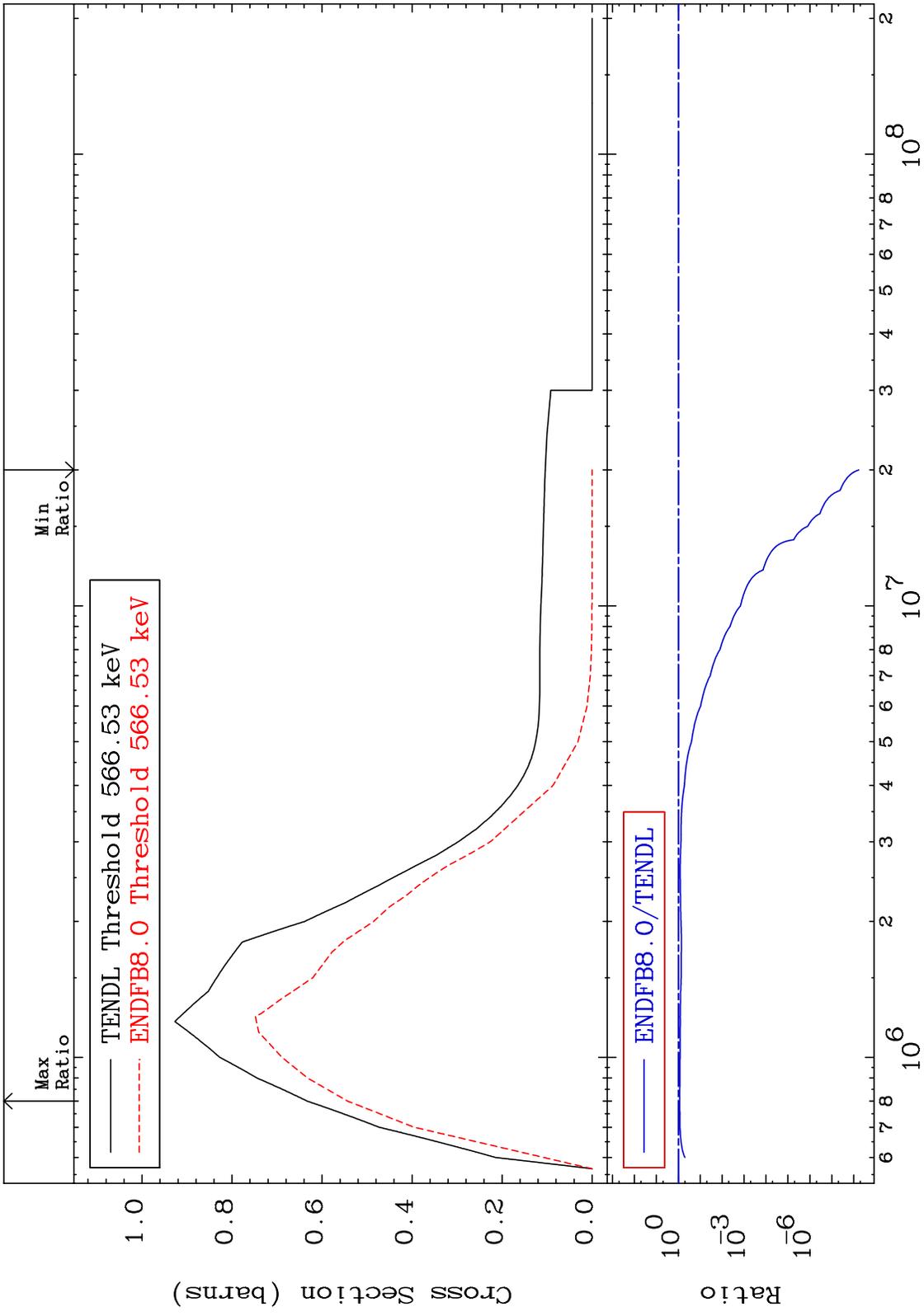
6 Incident Energy (eV)  $^{34}\text{Se-76}$

MAT 3431 (n,n') p 34-Se-76  
Cross Section -100.0 To 47.73 %

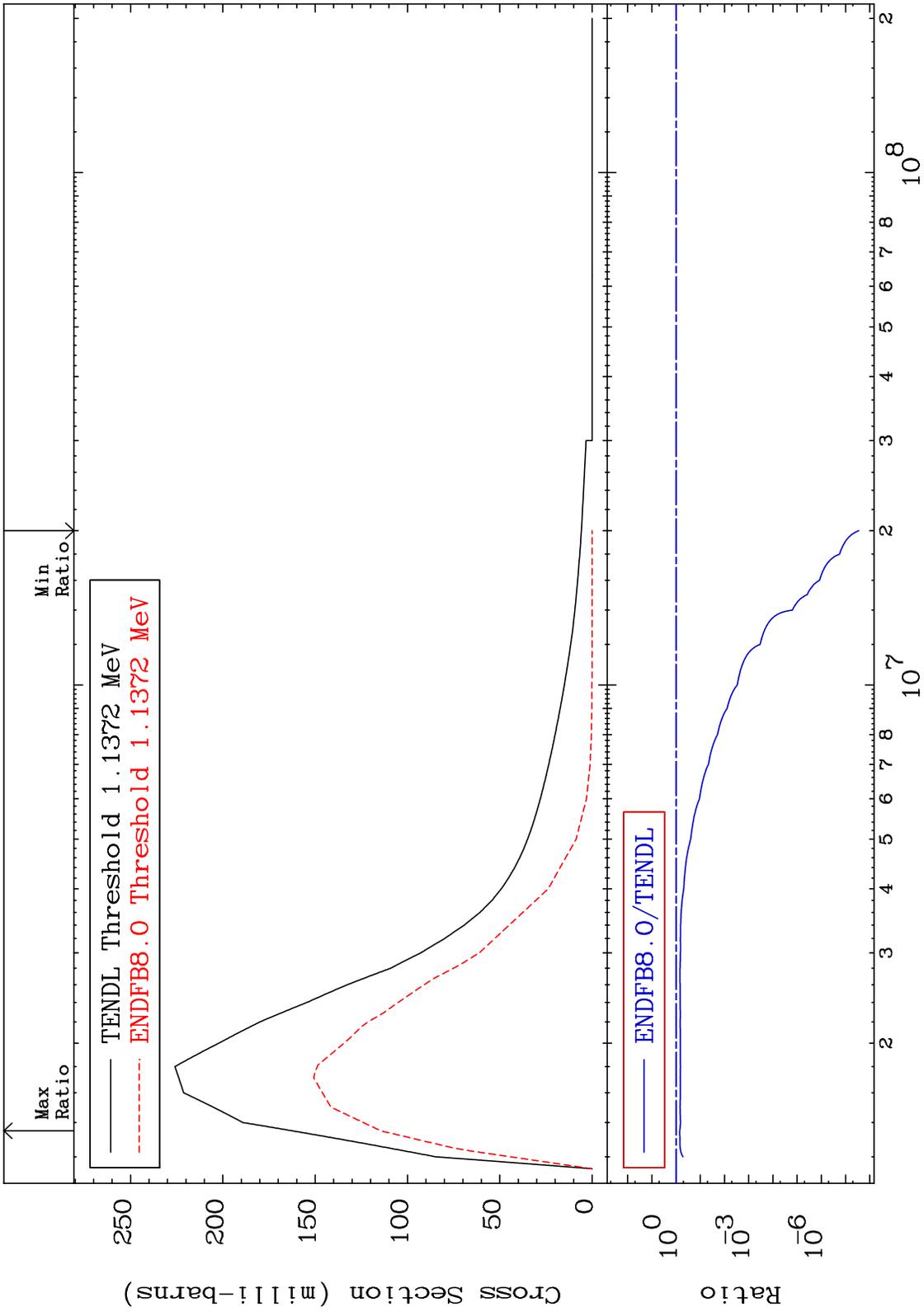


Incident Energy (eV) 34-Se-76

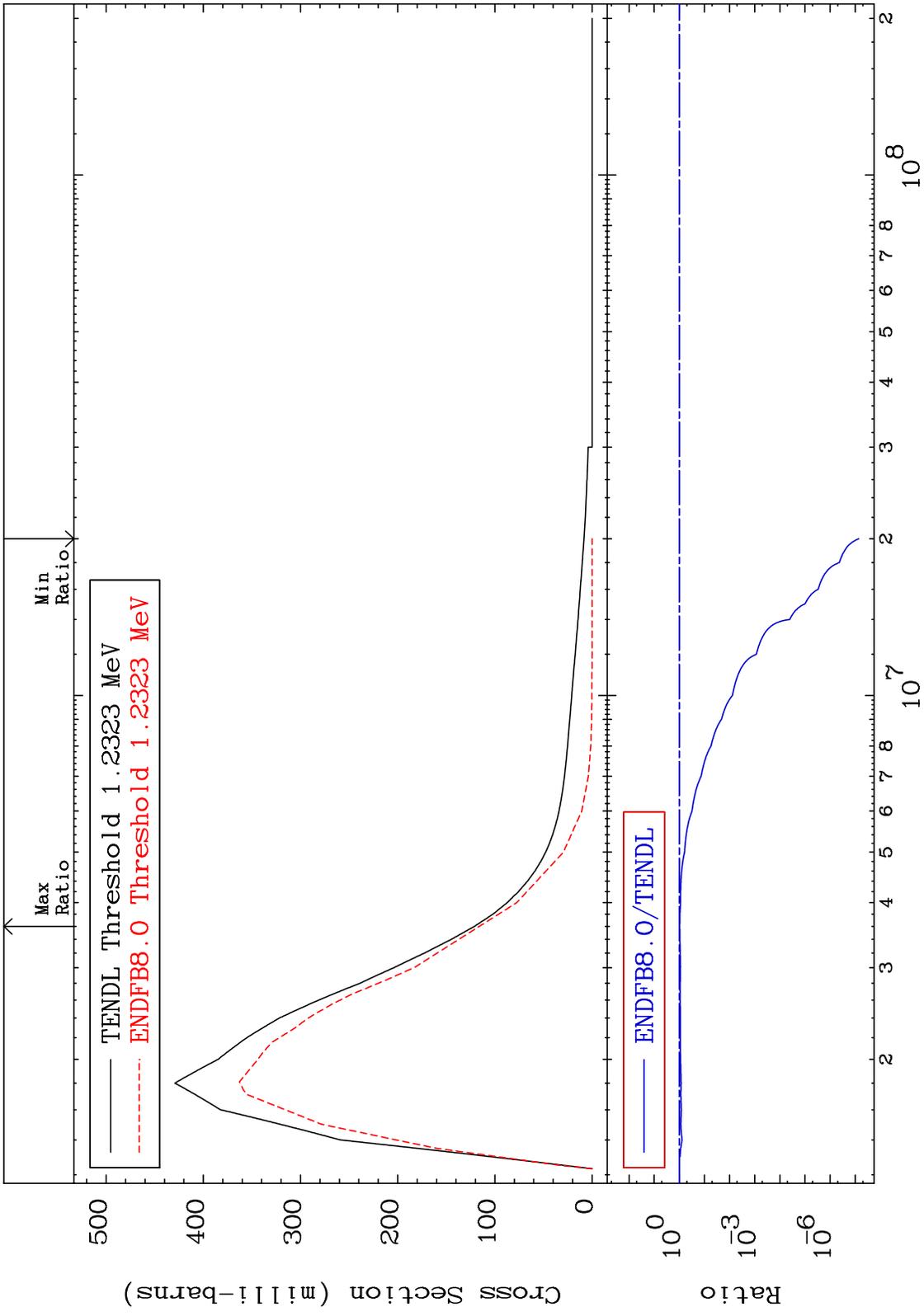
MAT 3431 MT= 51 (n,n') Level Cross Section 34-Se-76  
 -100.0 To -14.18%



MAT 3431 MT= 52 (n,n') Level Cross Section 34-Se-76 -100.0 To -29.50%

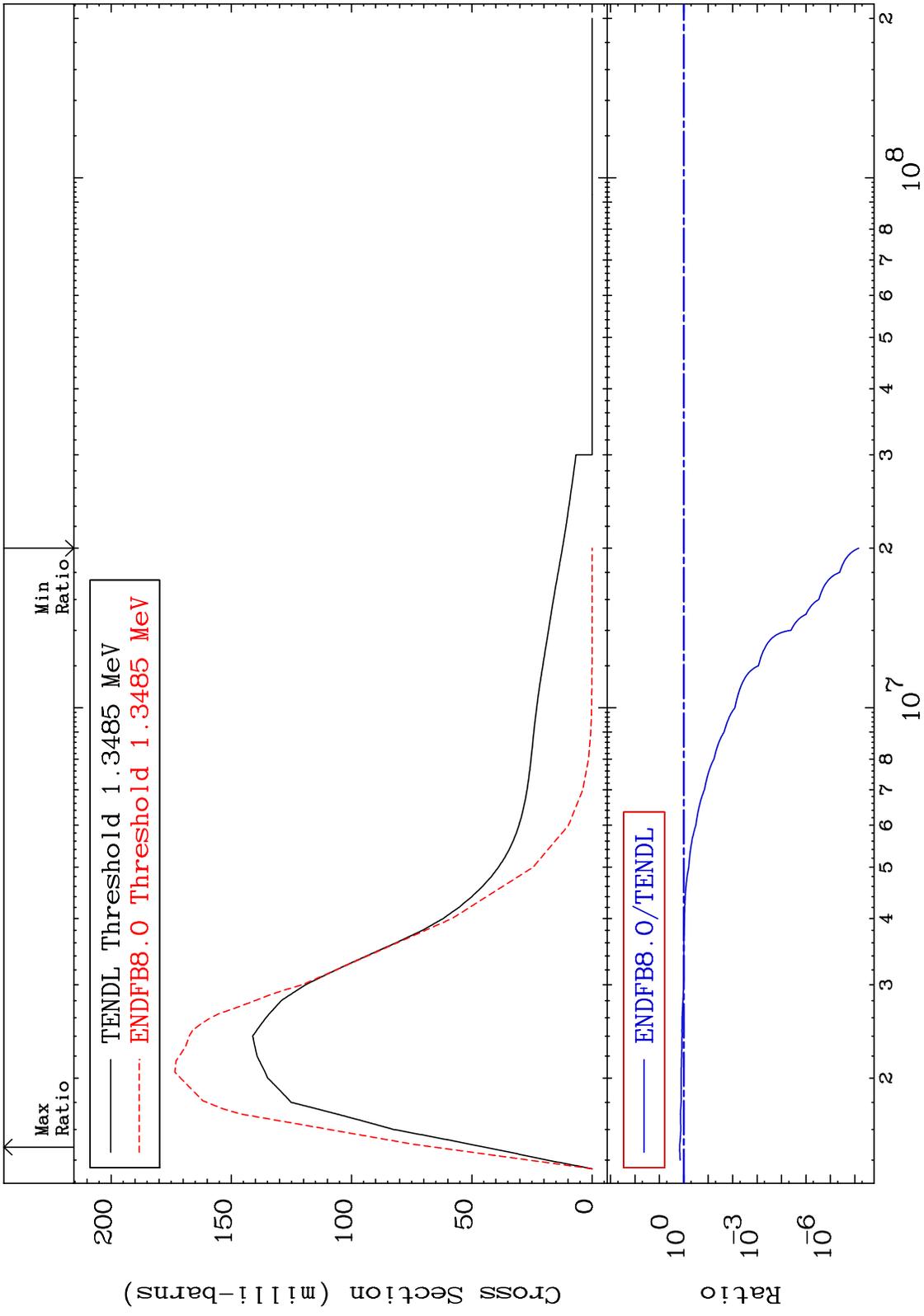


MAT 3431 MT= 53 (n,n') Level Cross Section 34-Se-76  
 -100.0 To -4.085%



10 Incident Energy (eV) 34-Se-76

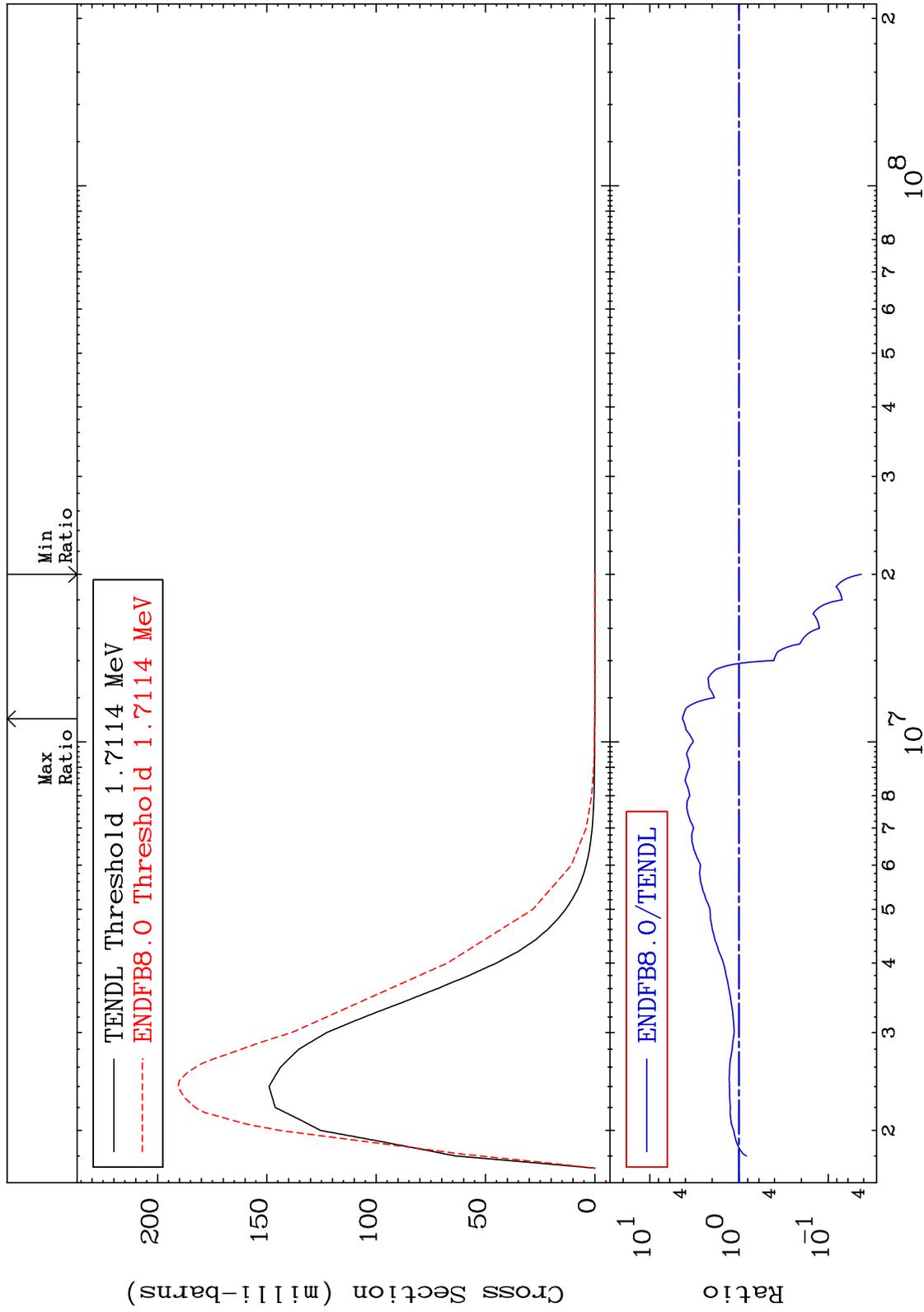
MAT 3431 MT= 54 (n,n') Level Cross Section -100.0 To 46.82 % 34-Se-76



MAT 3431

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

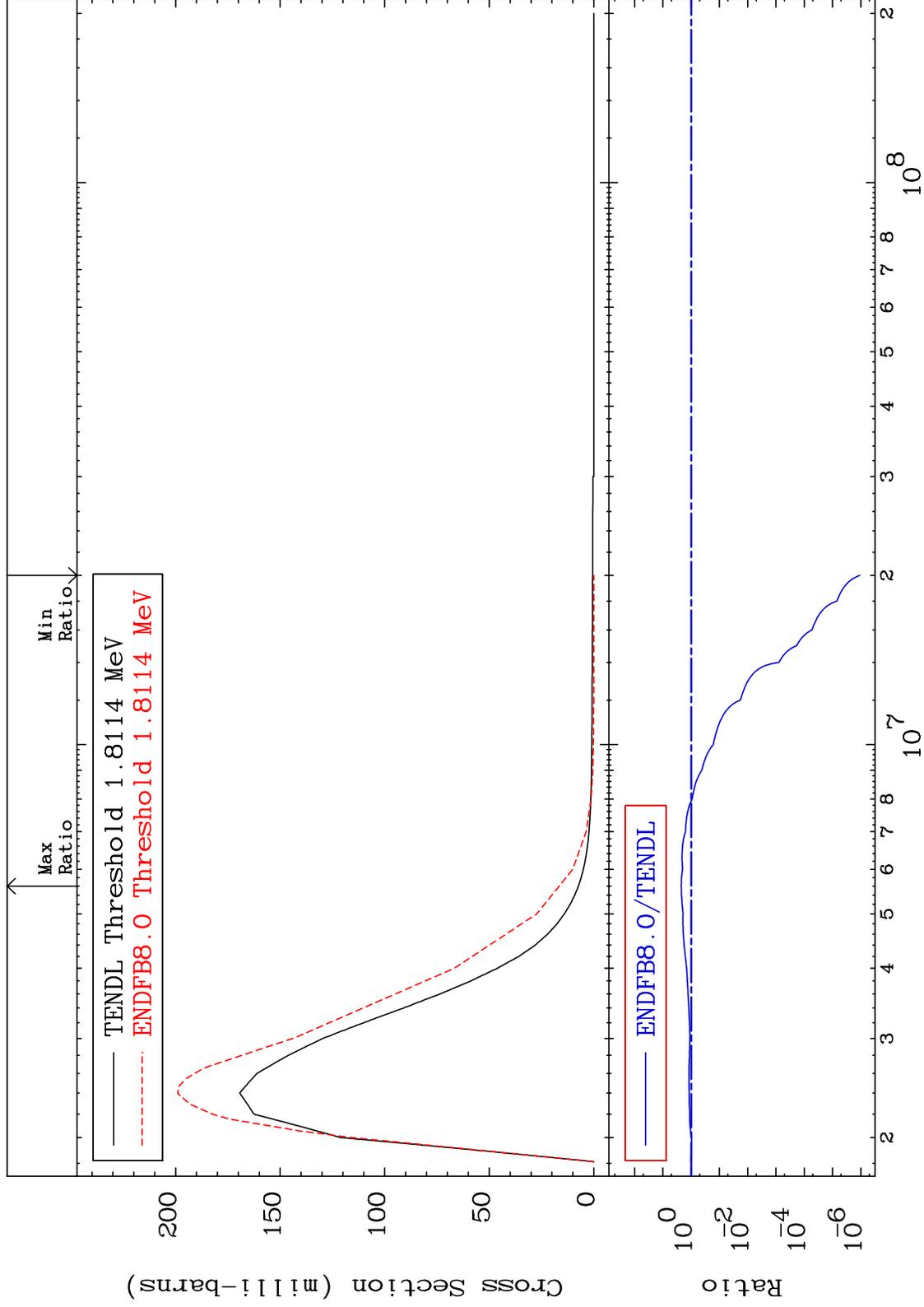
34-Se-76  
-95.75 To 331.1 %



MAT 3431

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

34-Se-76  
-100.0 To 124.8 %



13

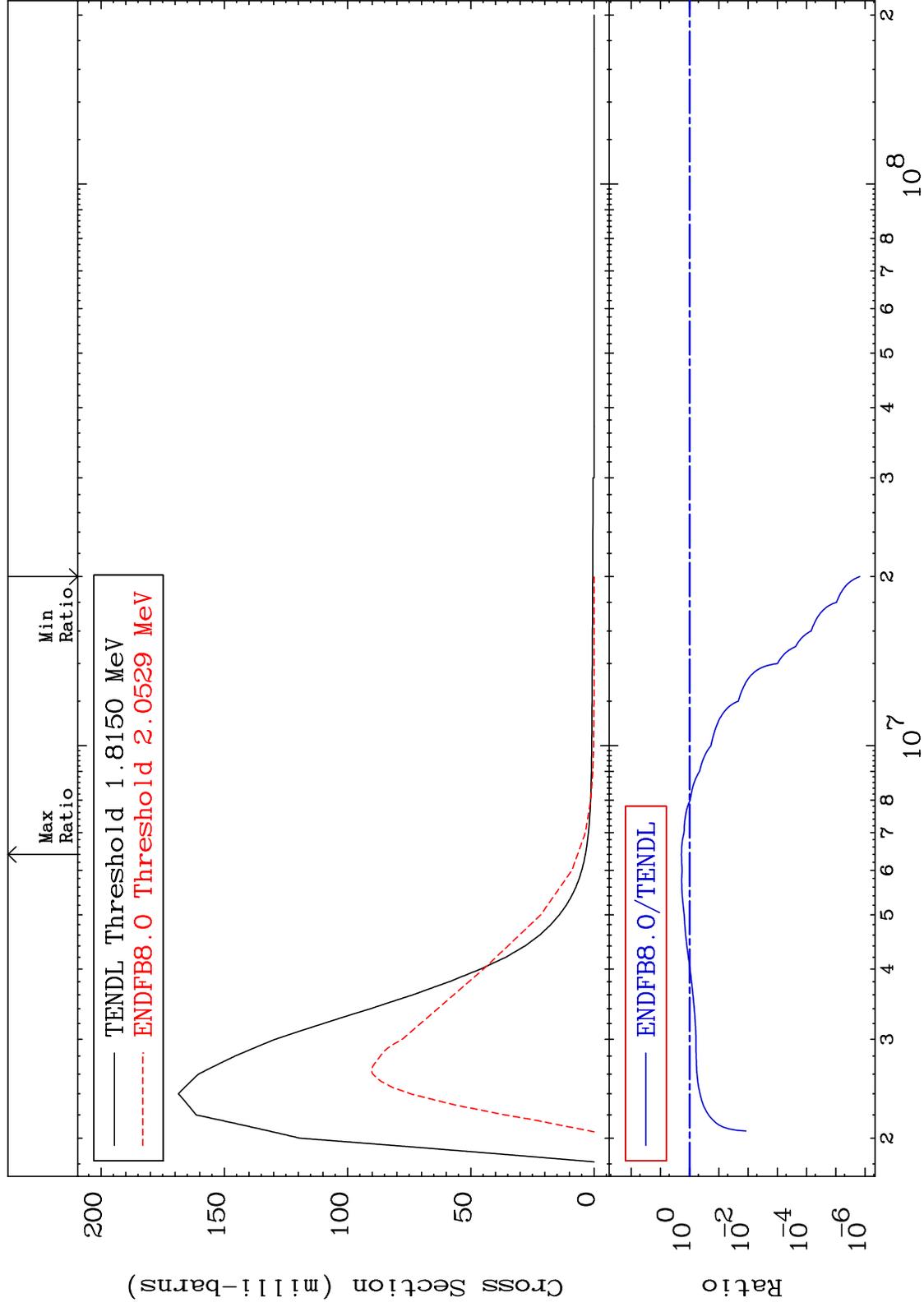
34-Se-76

34-Se-76

MAT 3431

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

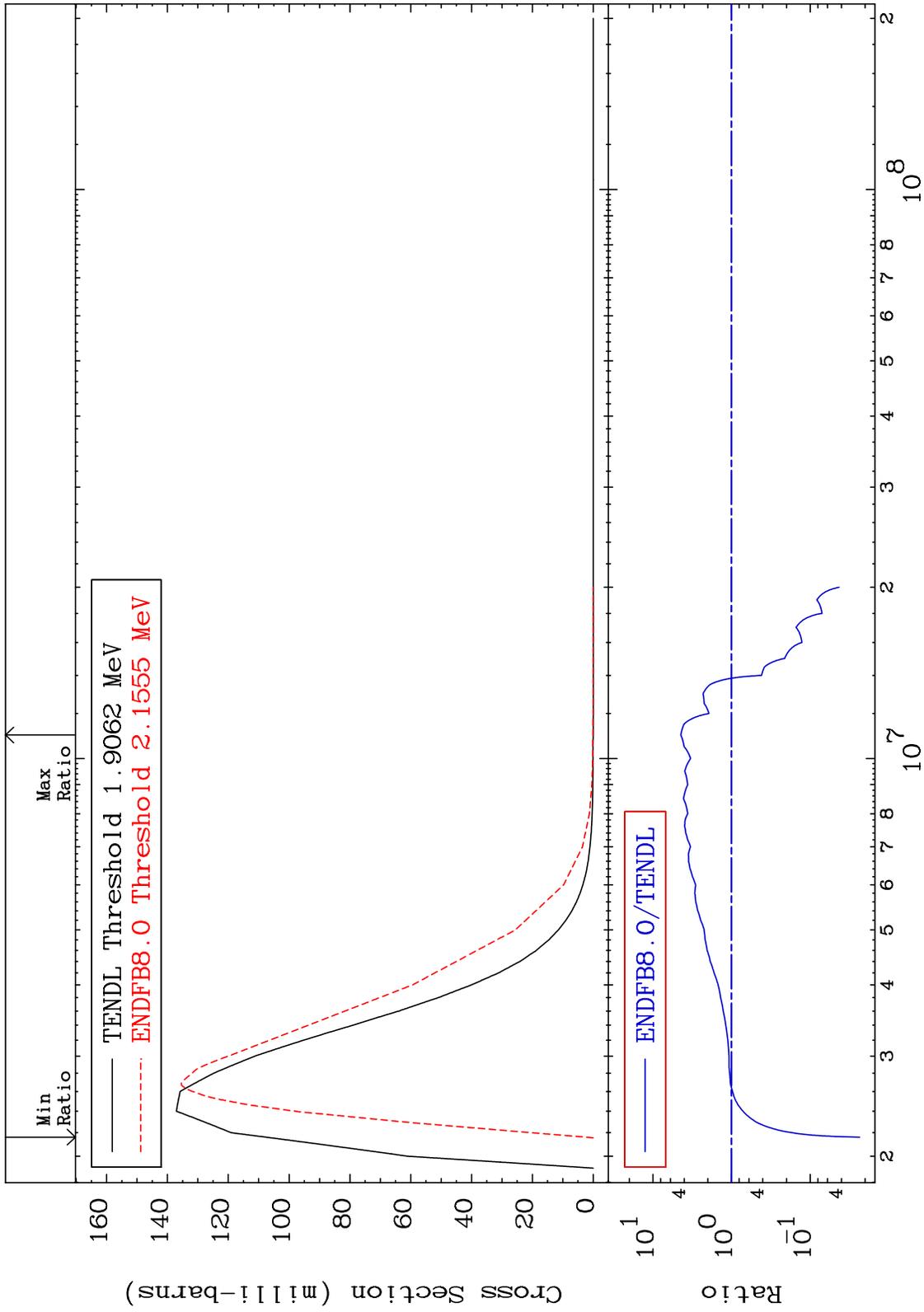
34-Se-76  
-100.0 To 90.85 %



MAT 3431

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

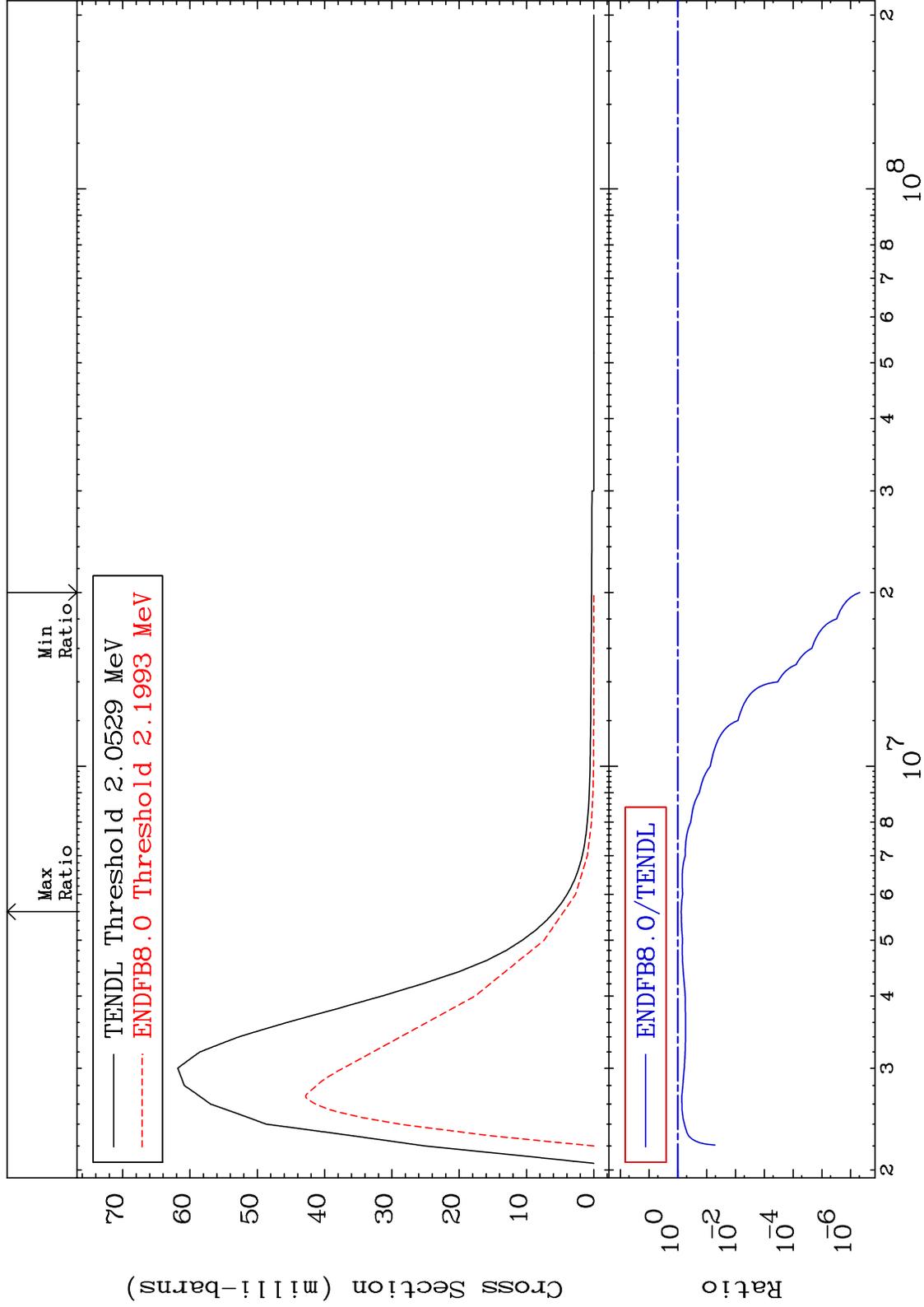
34-Se-76  
-97.66 To 342.9 %



MAT 3431

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

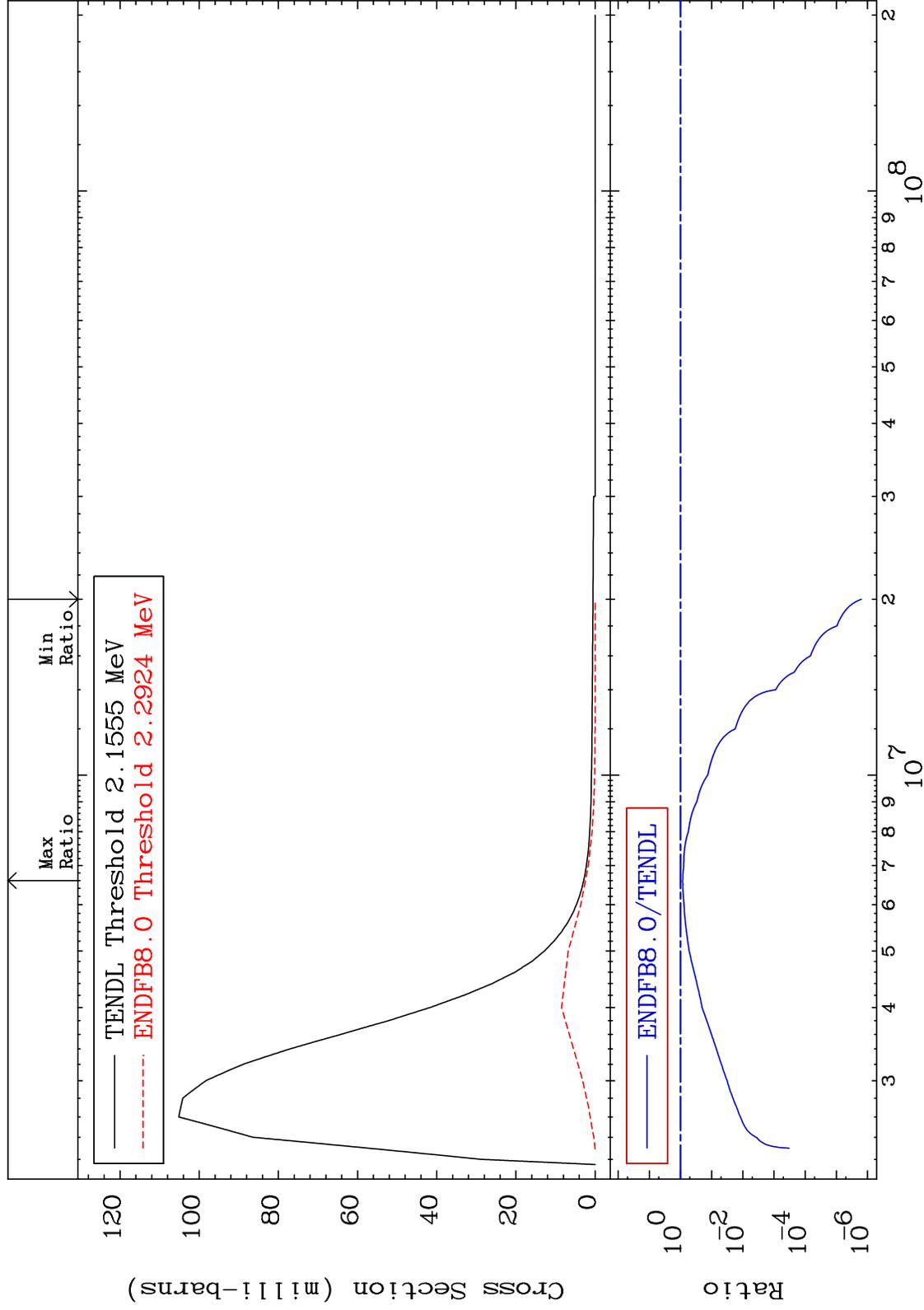
34-Se-76  
-100.0 To -23.02%



MAT 3431

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

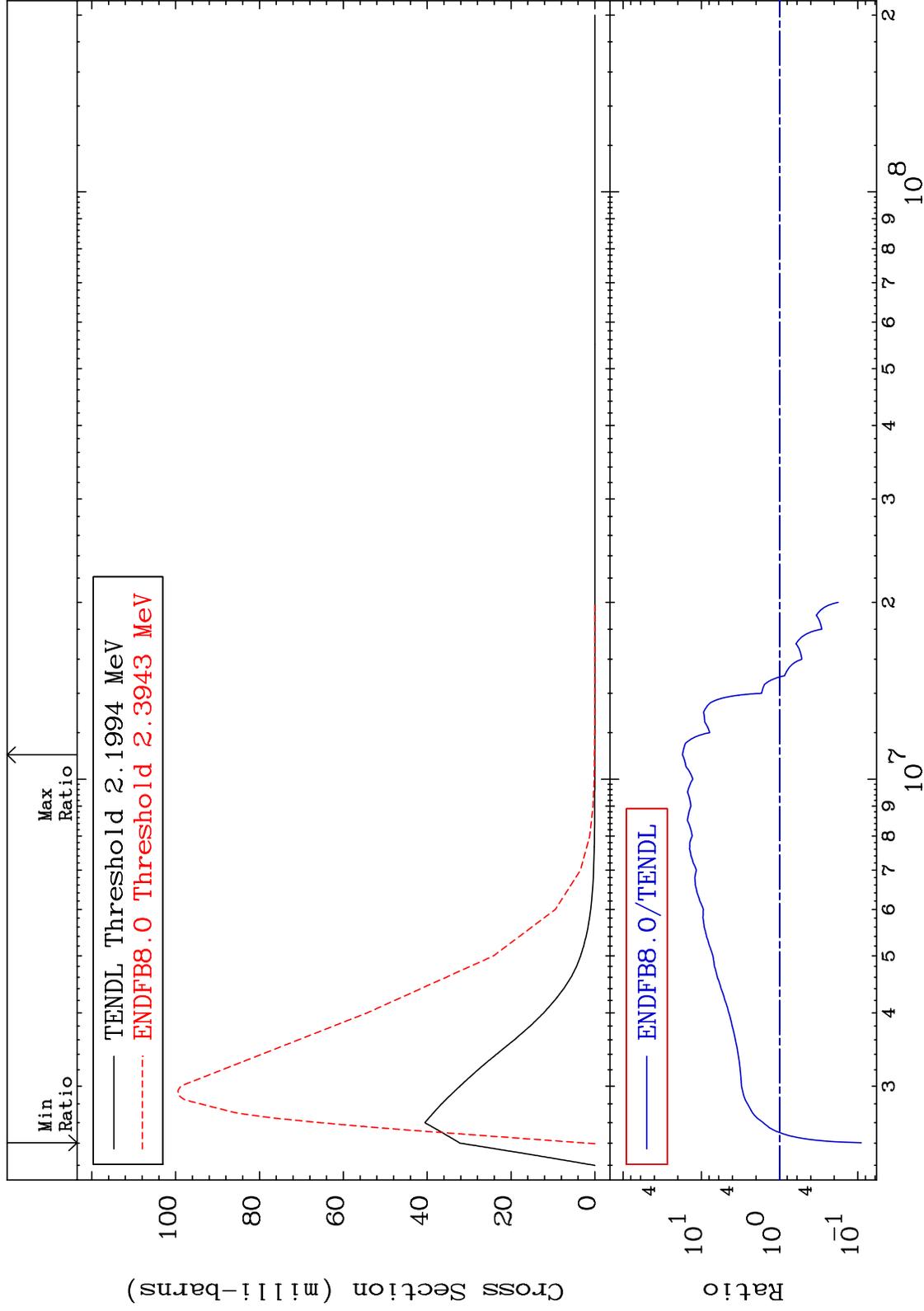
34-Se-76  
-100.0 To -14.80%



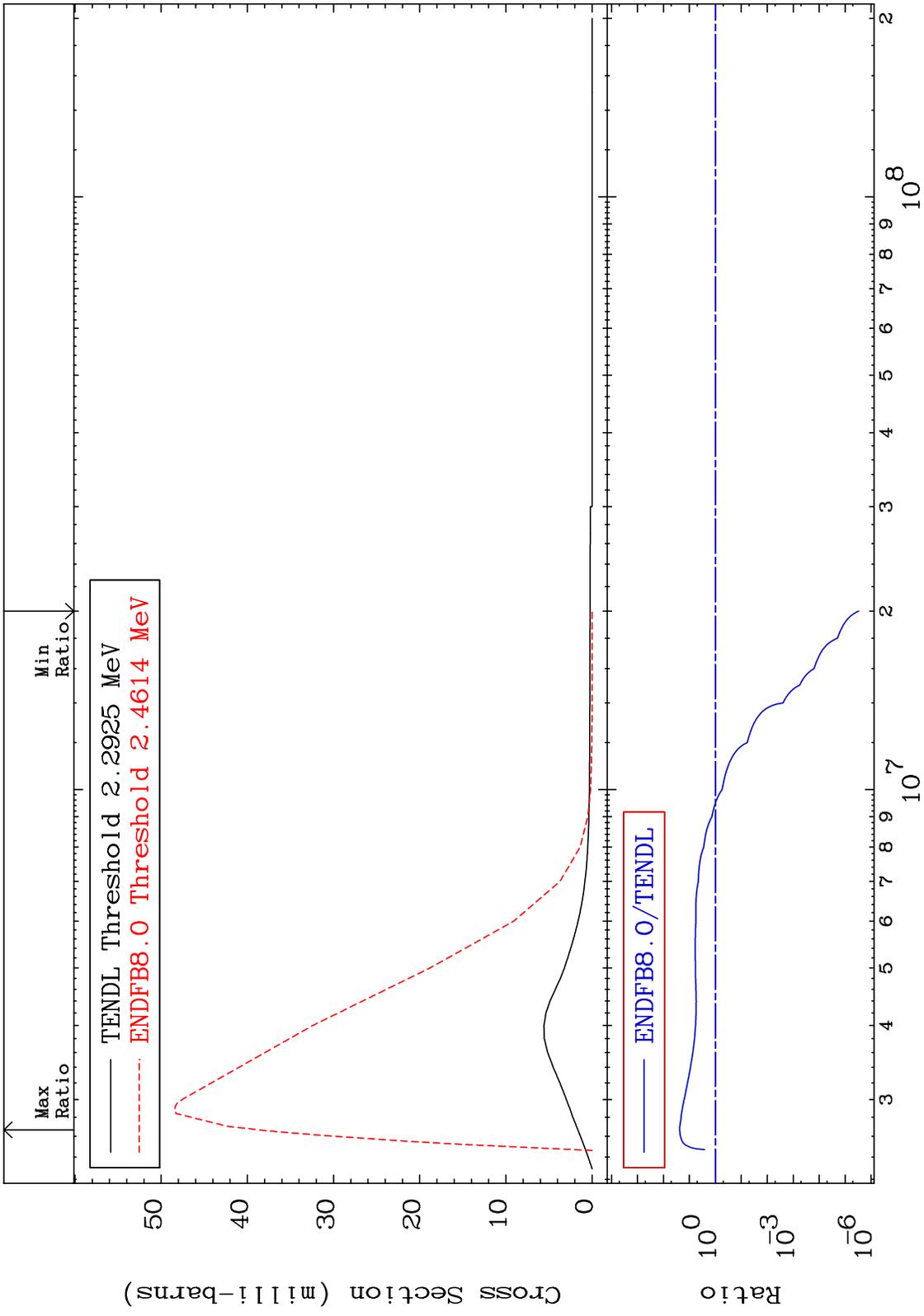
MAT 3431

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

34-Se-76  
-90.99 To 1648. %



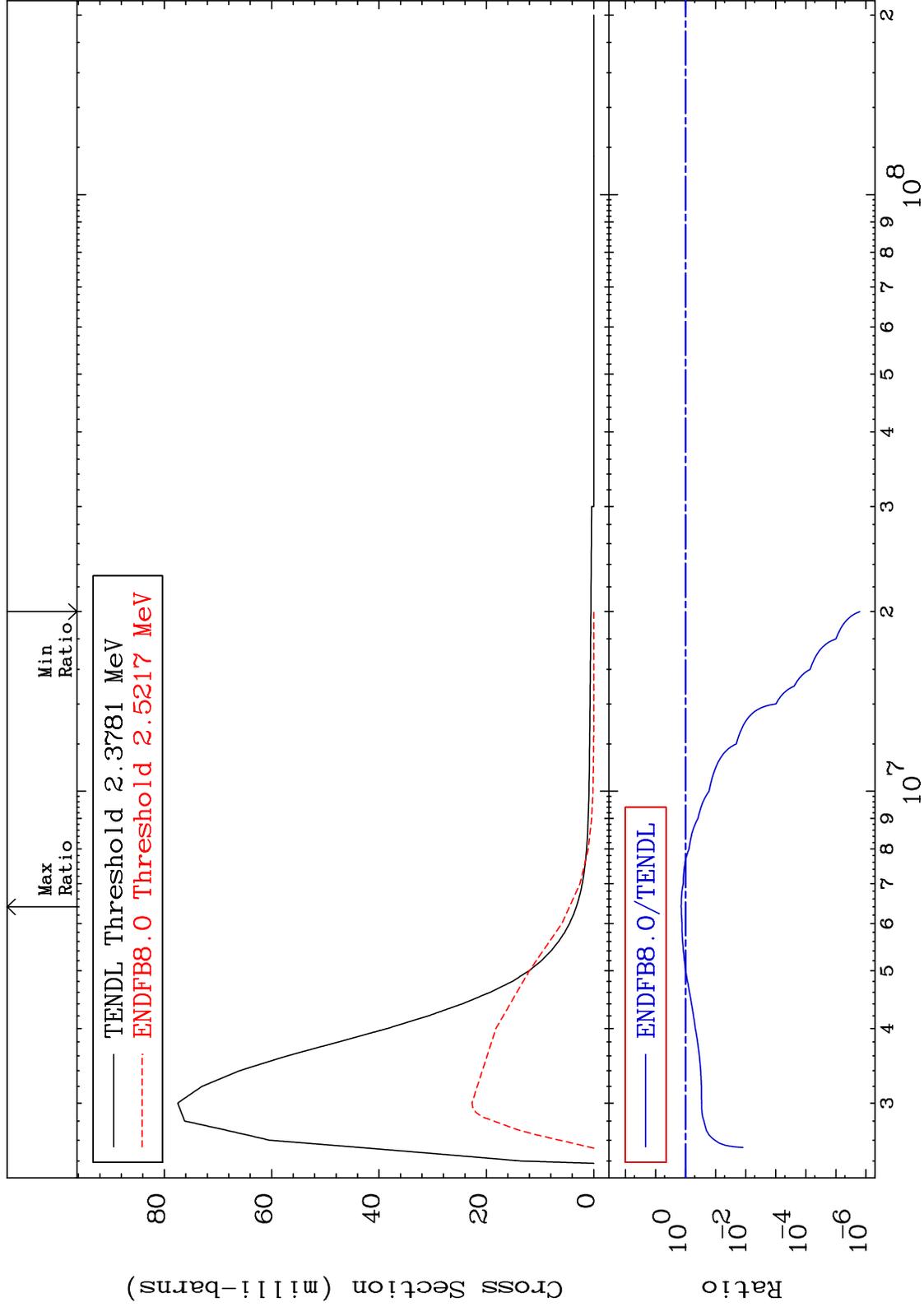
MAT 3431 MT= 62 (n,n') Level Cross Section -100.0 To 2251. % 34-Se-76



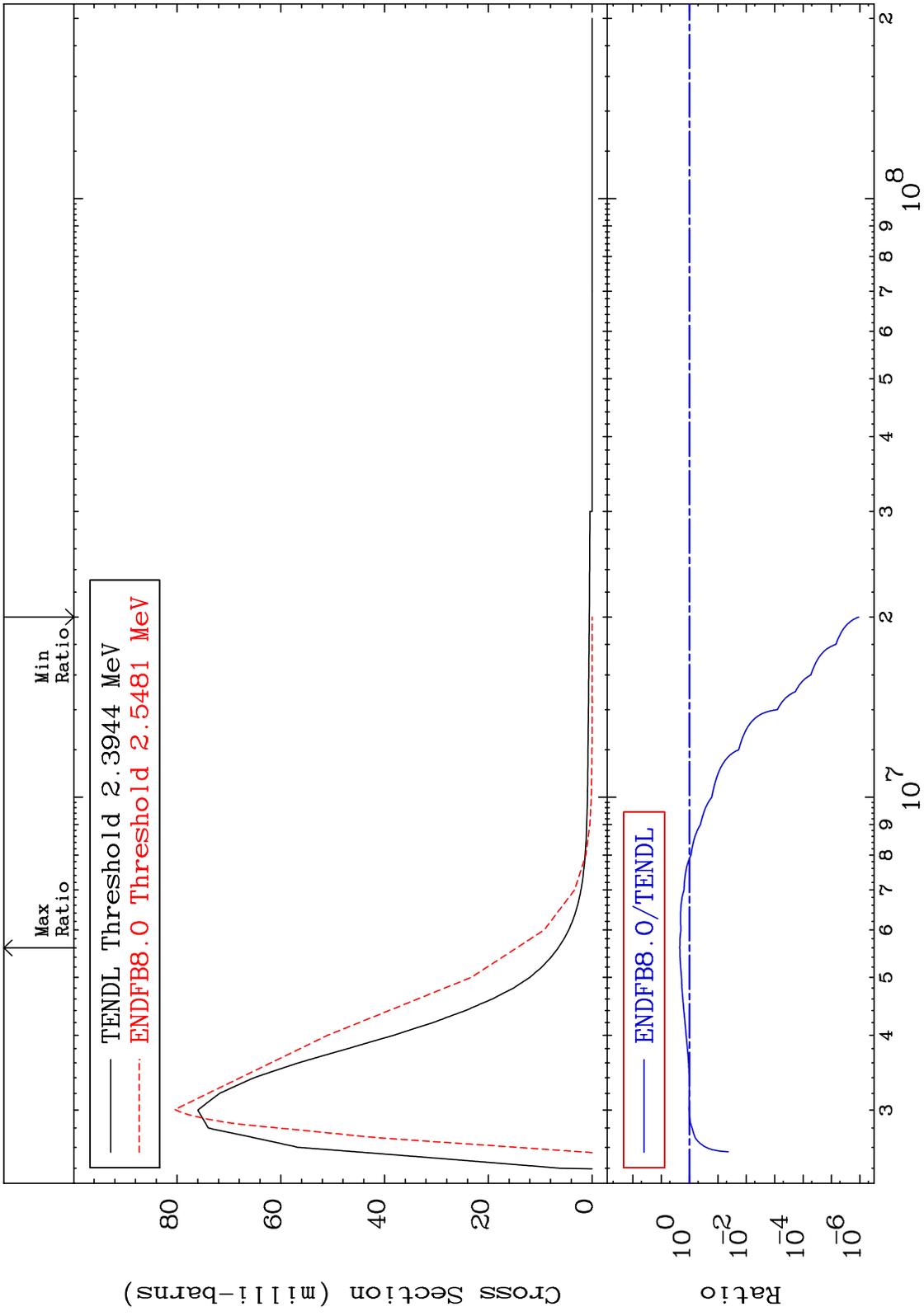
MAT 3431

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

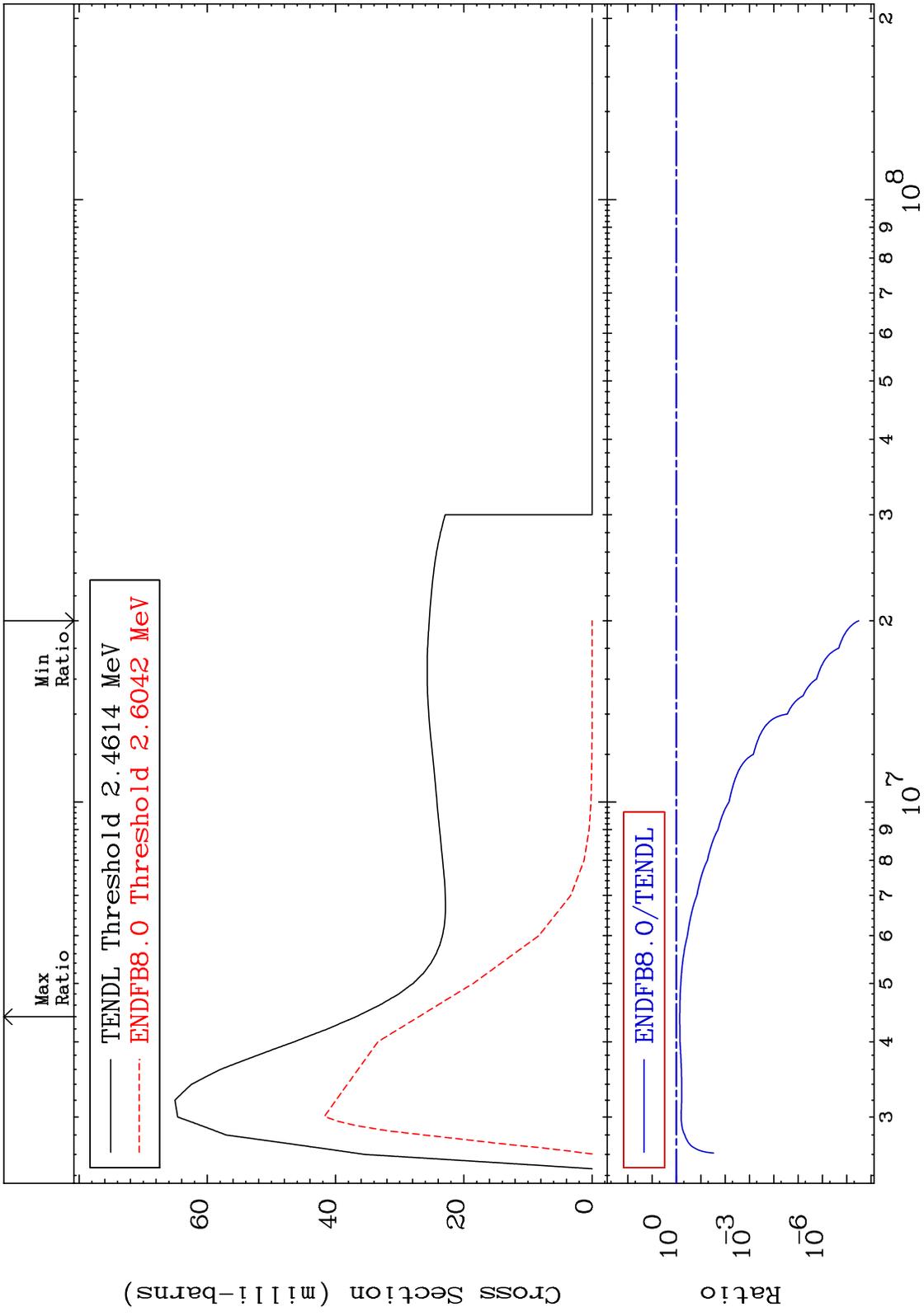
34-Se-76  
-100.0 To 39.57 %



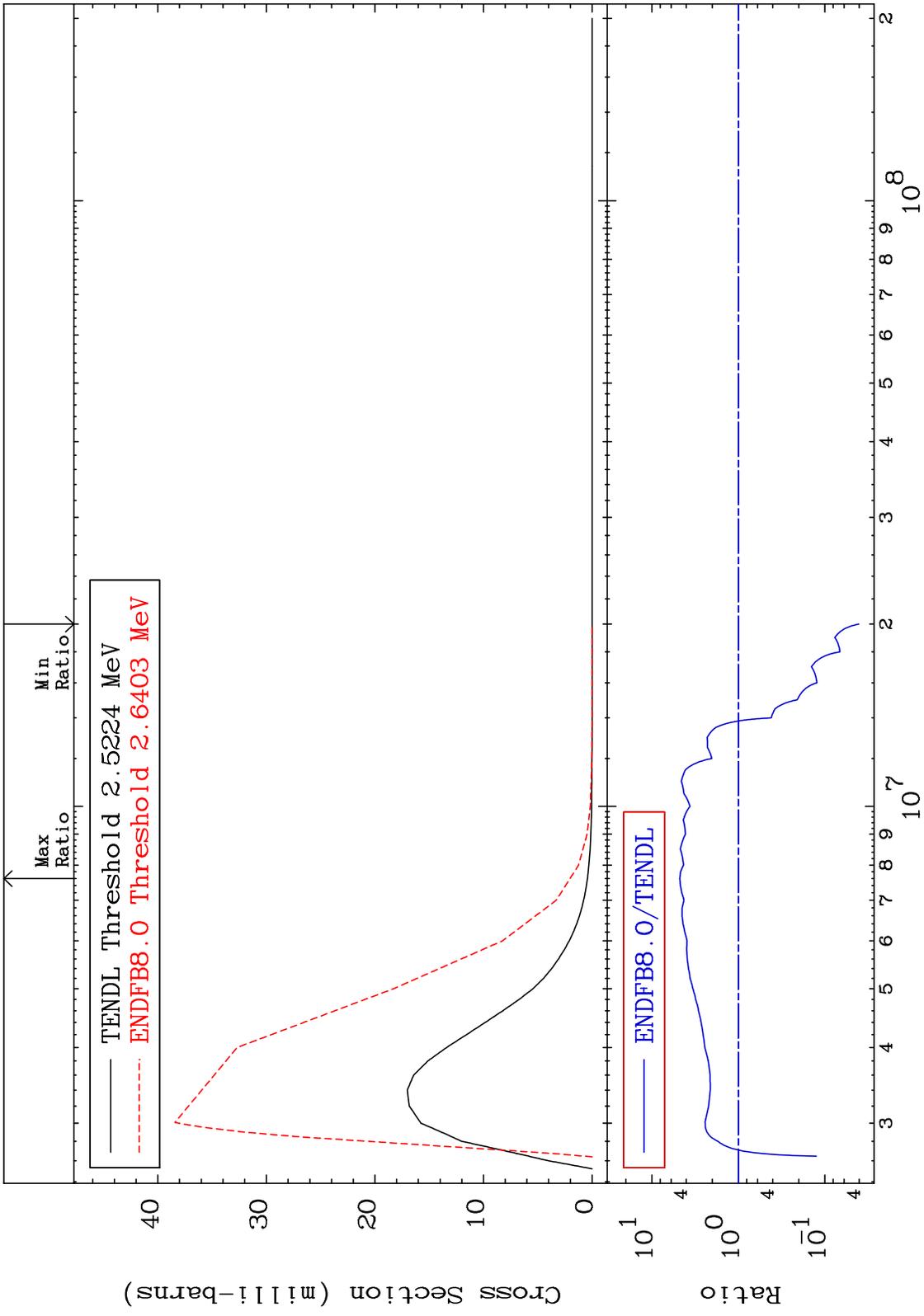
MAT 3431 MT= 64 (n,n') Level Cross Section 34-Se-76  
 -100.0 To 123.2 %



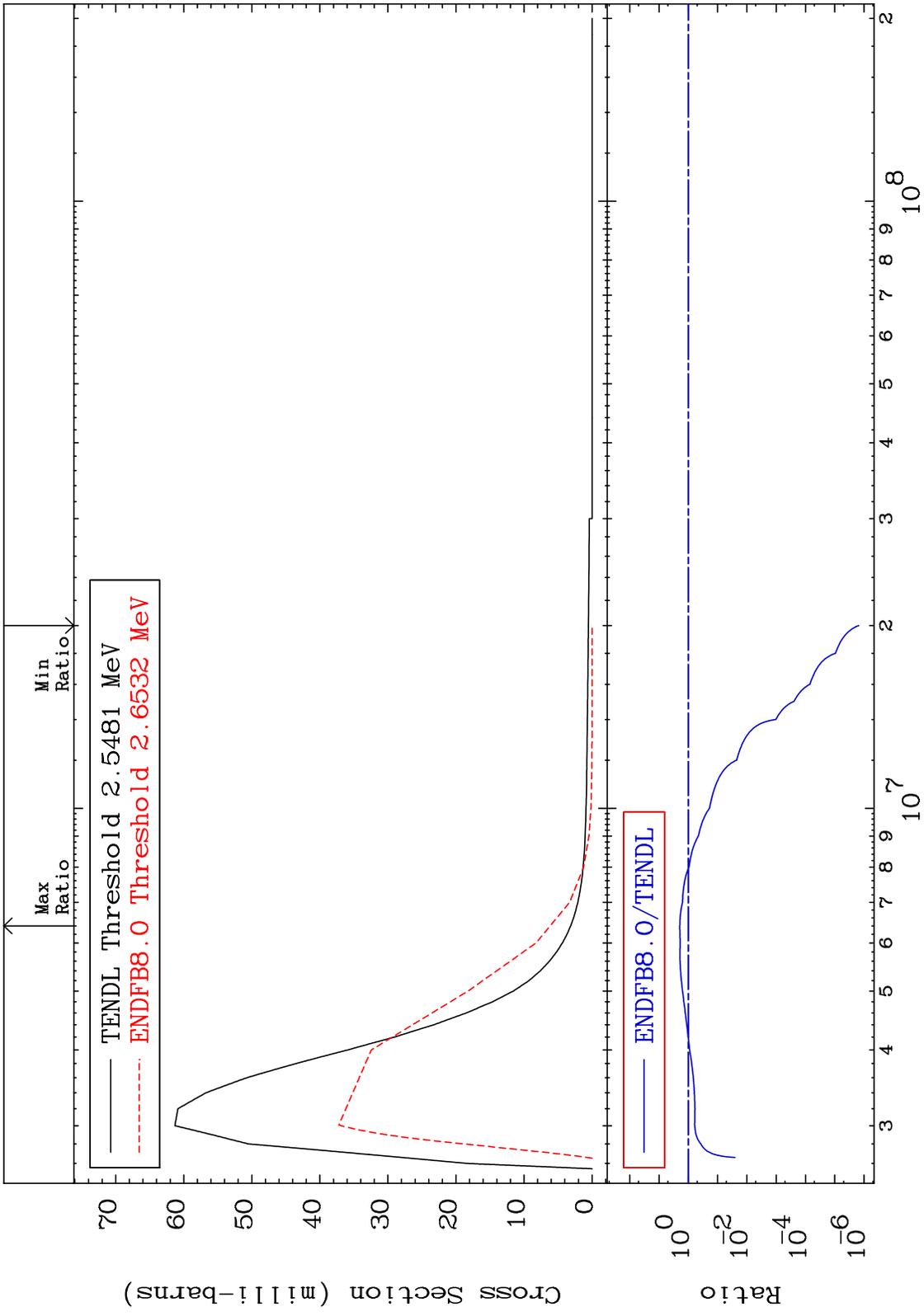
MAT 3431 MT= 65 (n,n') Level Cross Section 34-Se-76  
 -100.0 To -26.57%



MAT 3431 MT= 66 (n,n') Level Cross Section 34-Se-76  
 -95.95 To 376.0 %



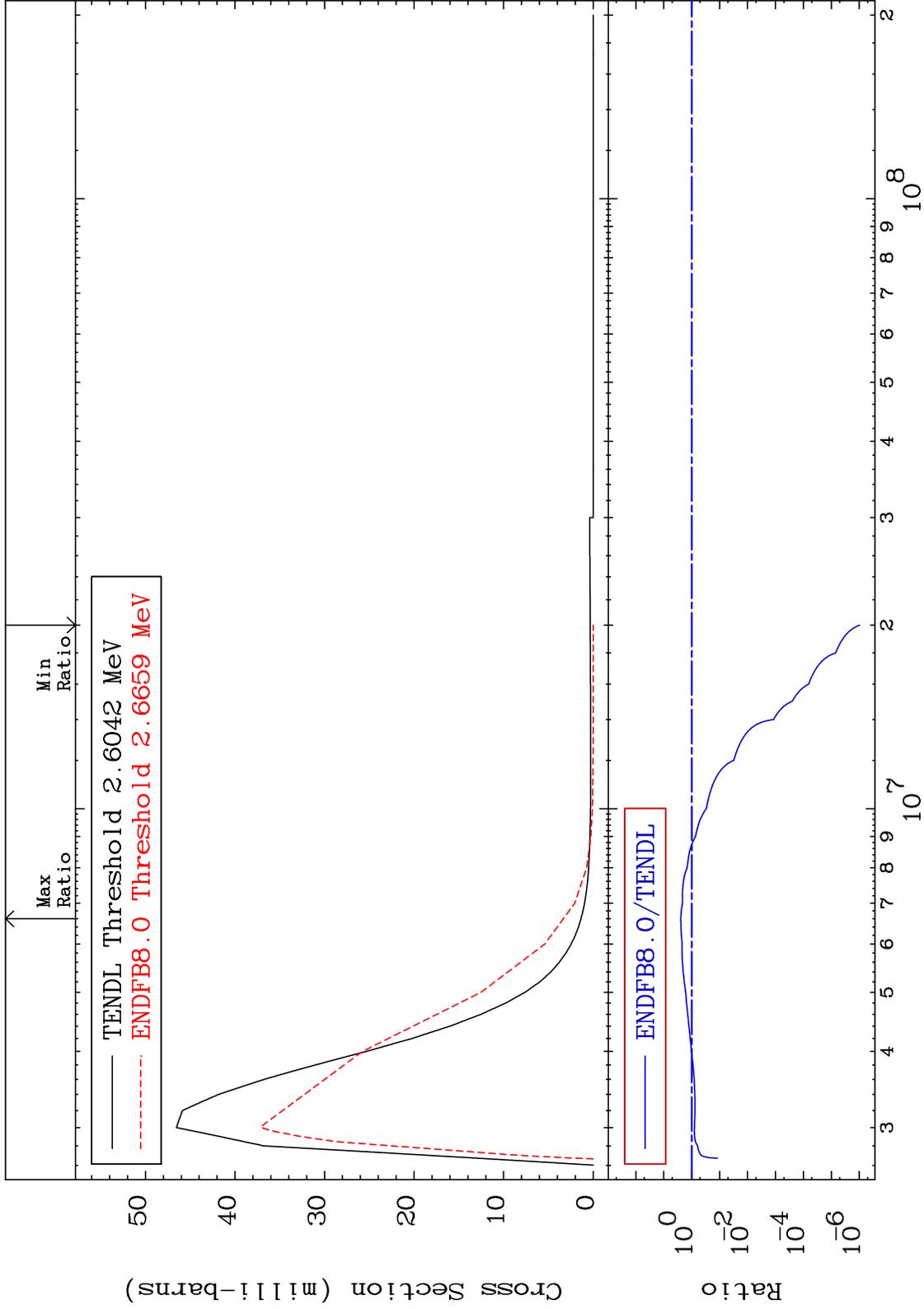
MAT 3431 MT= 67 (n,n') Level Cross Section 34-Se-76  
 -100.0 To 95.76 %



MAT 3431

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

34-Se-76  
-100.0 To 144.9 %



25

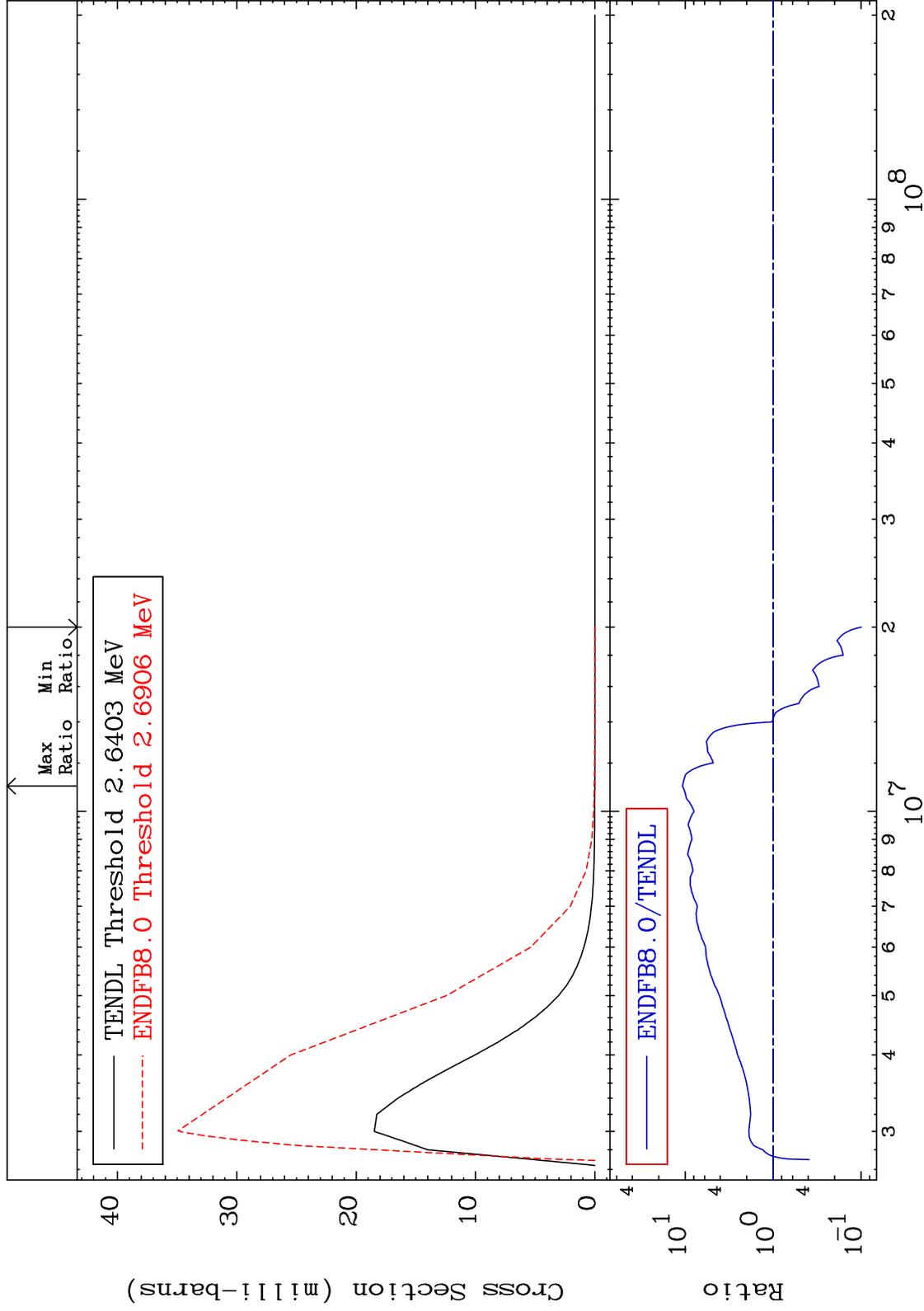
Incident Energy (eV)

34-Se-76

MAT 3431

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

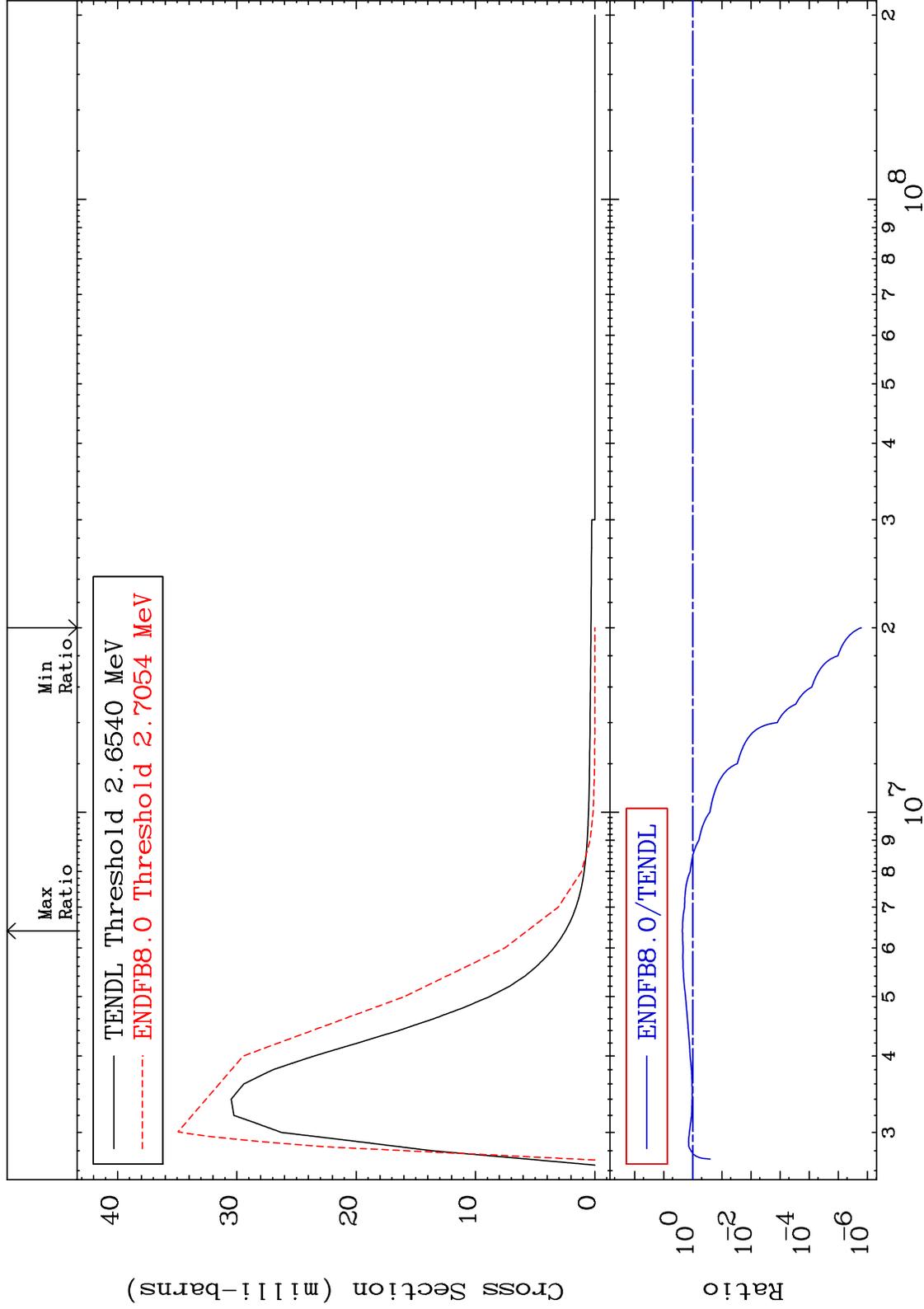
34-Se-76  
-90.05 To 974.4 %



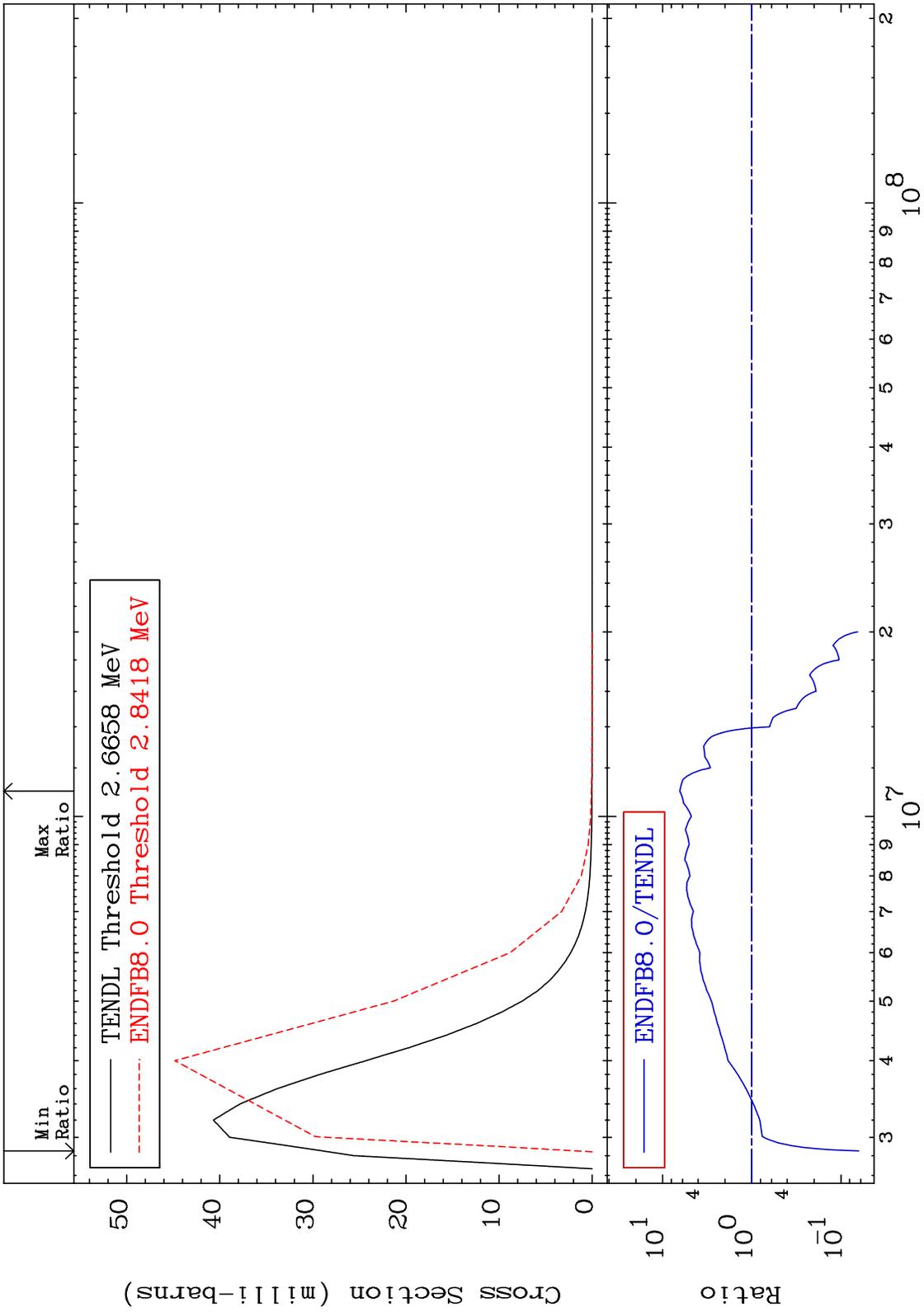
MAT 3431

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

34-Se-76  
-100.0 To 129.9 %



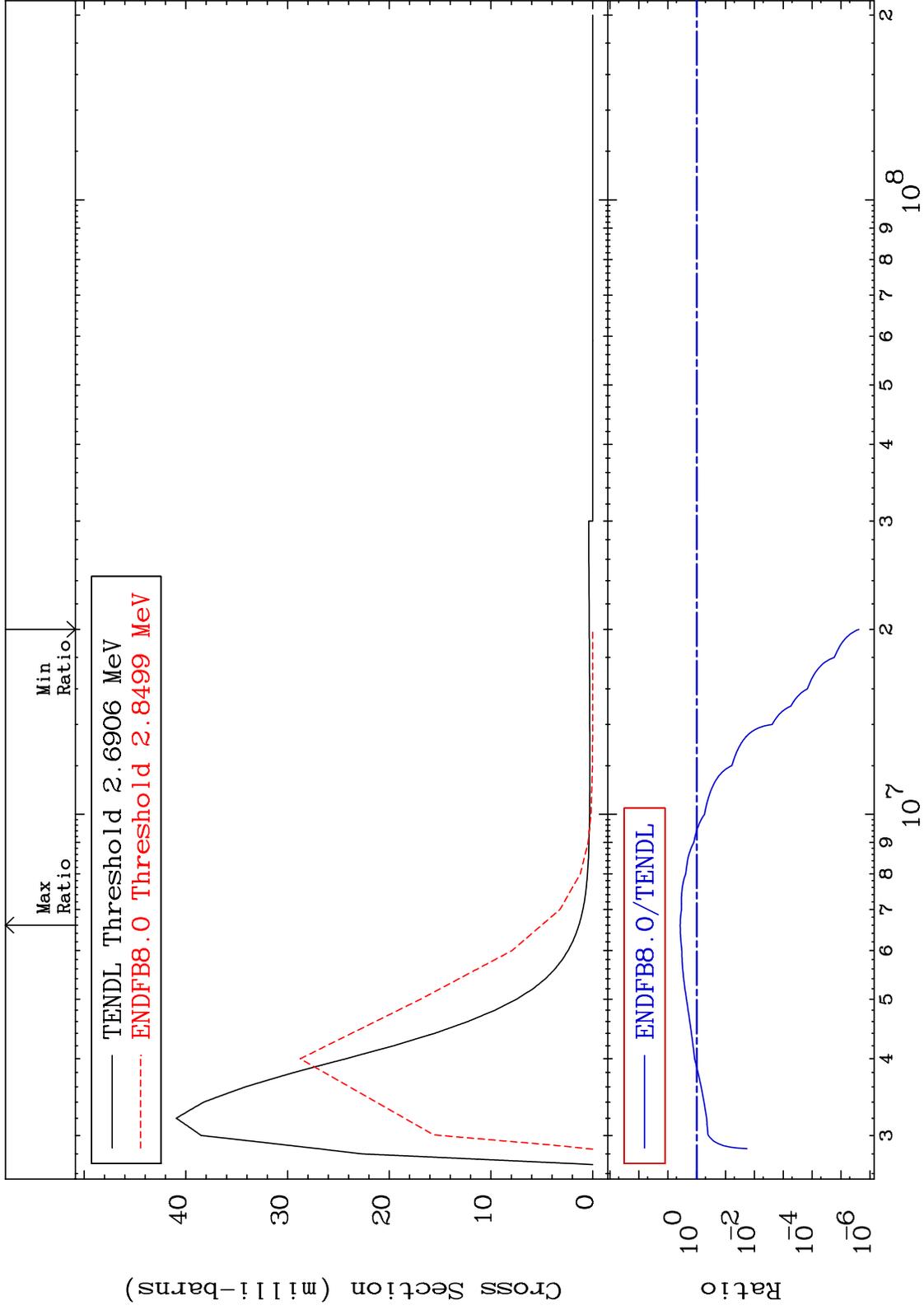
MAT 3431 MT= 71 (n,n') Level Cross Section 34-Se-76  
 -93.70 To 542.8 %



MAT 3431

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

34-Se-76  
-100.0 To 272.2 %



29

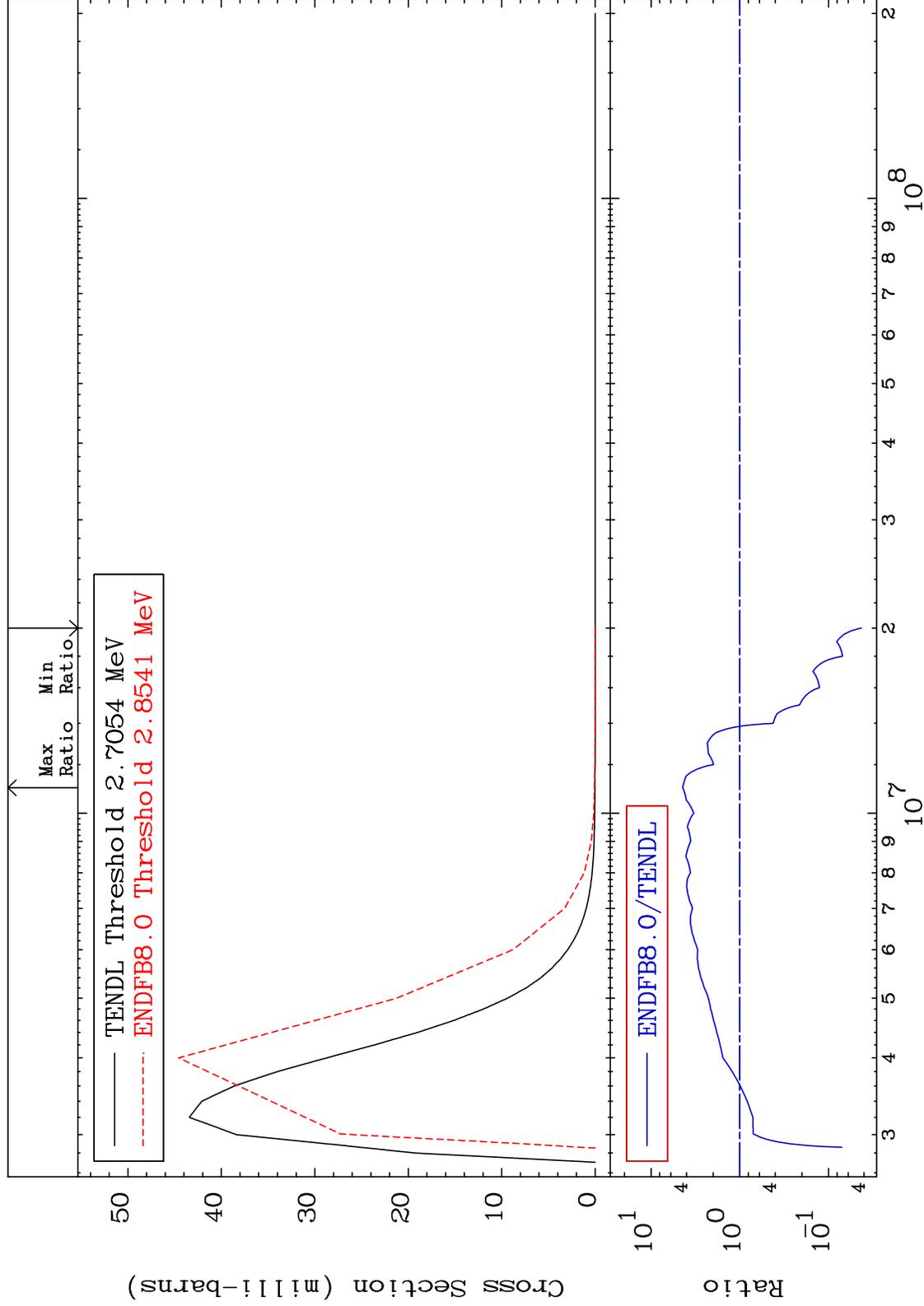
Incident Energy (eV)

34-Se-76

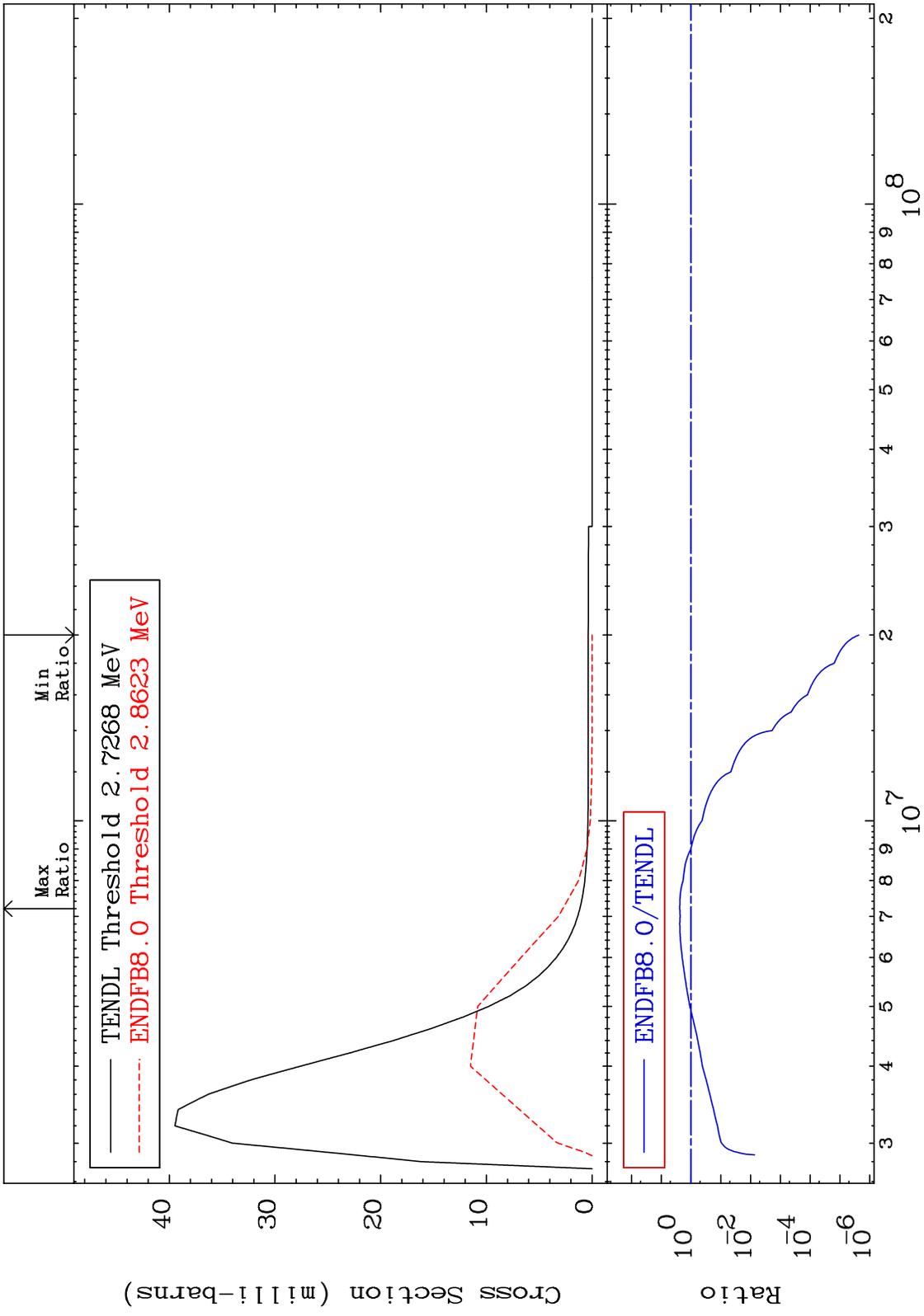
MAT 3431

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

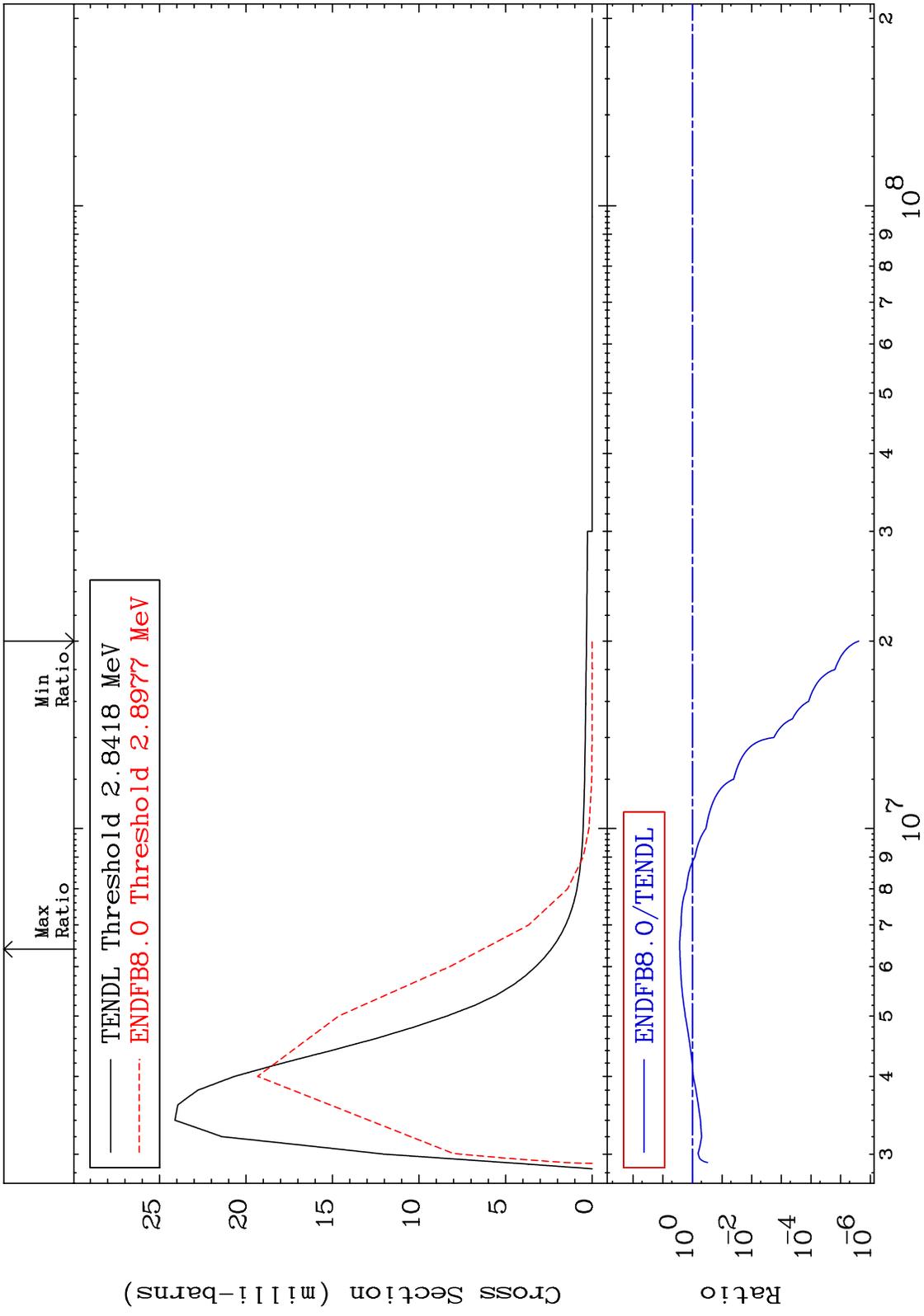
34-Se-76  
-95.73 To 341.3 %



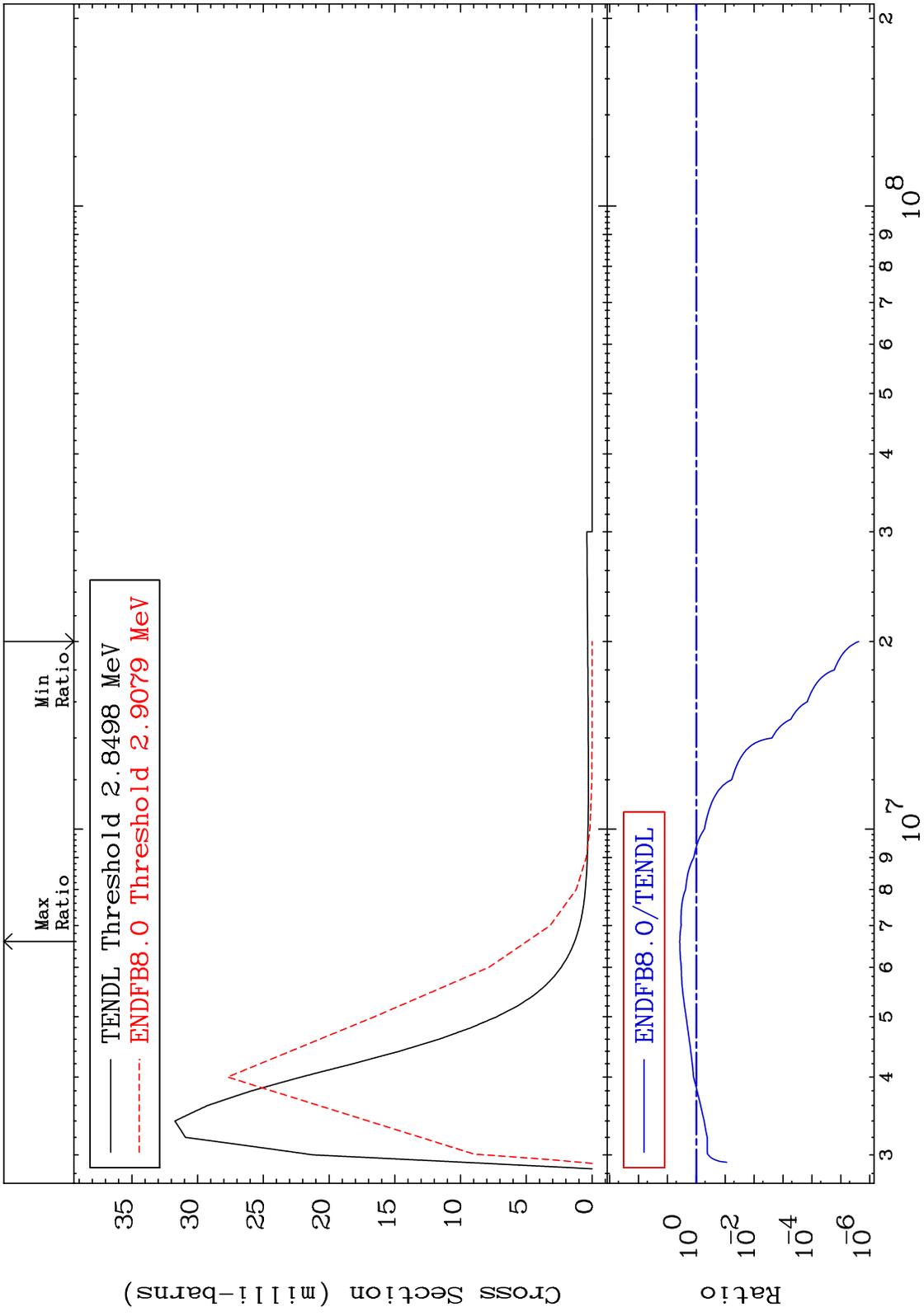
MAT 3431 MT= 74 (n,n') Level Cross Section -100.0 To 140.1 % 34-Se-76



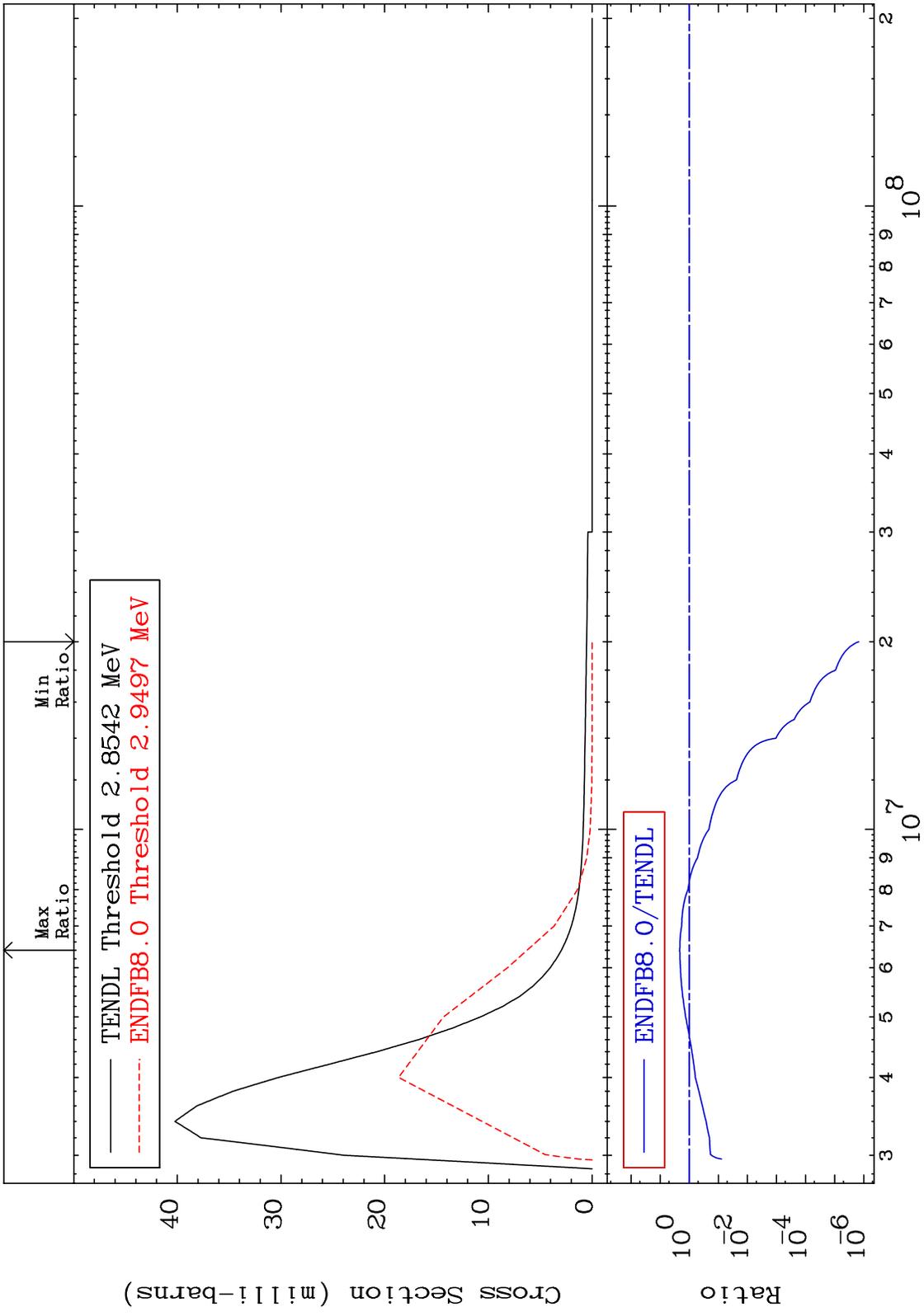
MAT 3431 MT= 75 (n,n') Level Cross Section 34-Se-76  
 -100.0 To 167.7 %



MAT 3431 MT= 76 (n,n') Level Cross Section 34-Se-76  
 -100.0 To 275.6 %

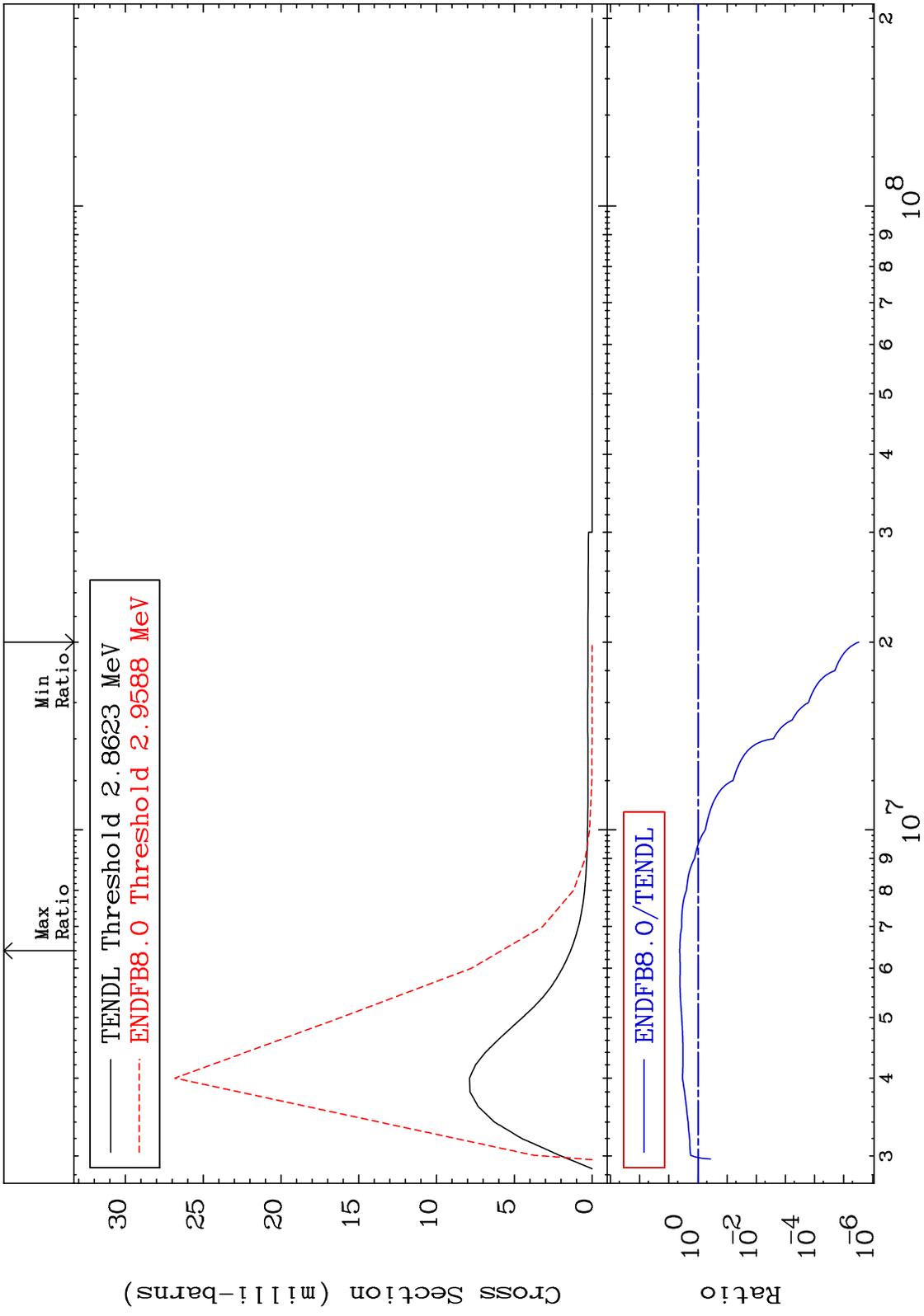


MAT 3431 MT= 77 (n,n') Level Cross Section 34-Se-76  
 -100.0 To 111.9 %

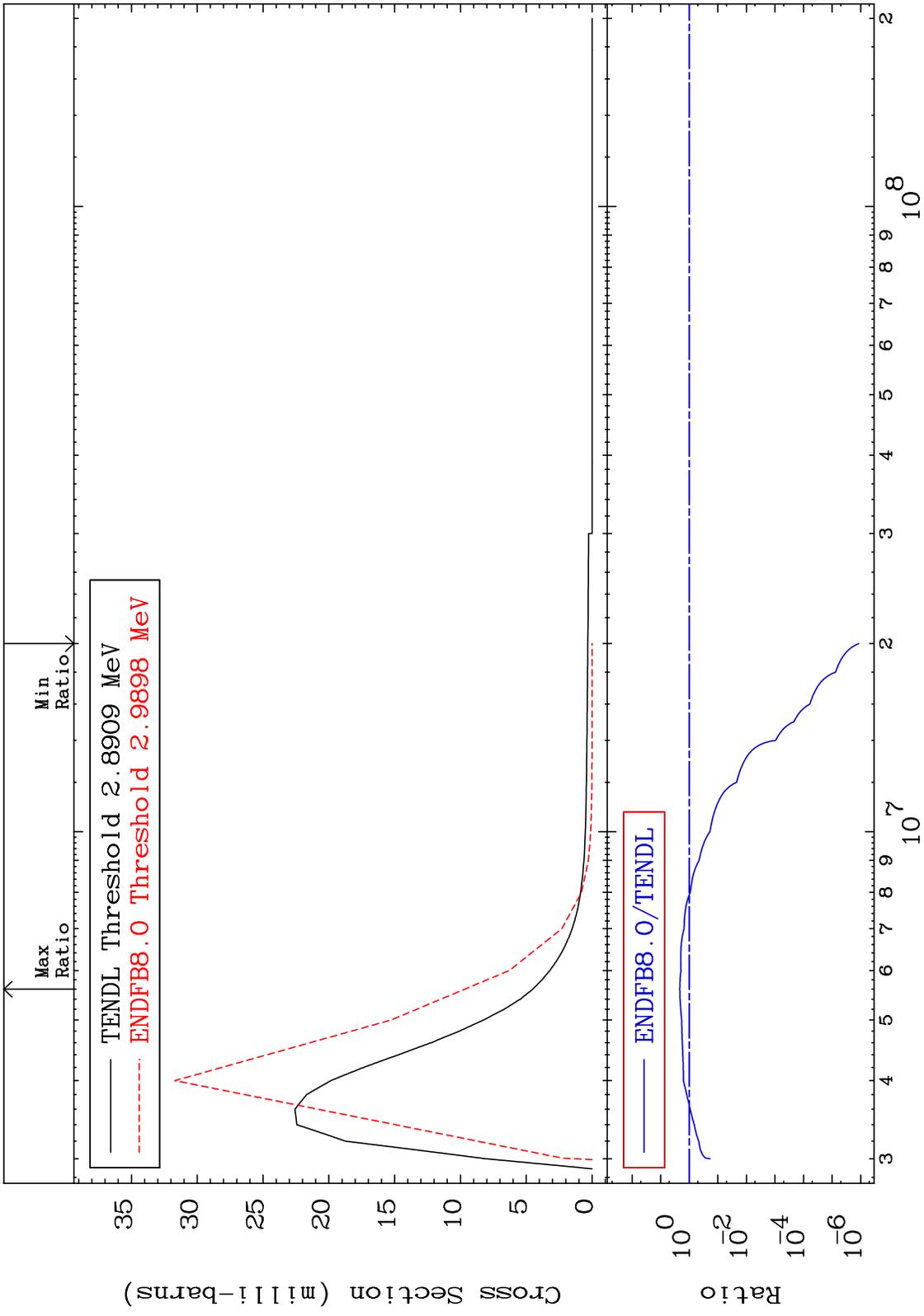


34 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 78 (n,n') Level Cross Section 34-Se-76  
 -100.0 To 322.3 %



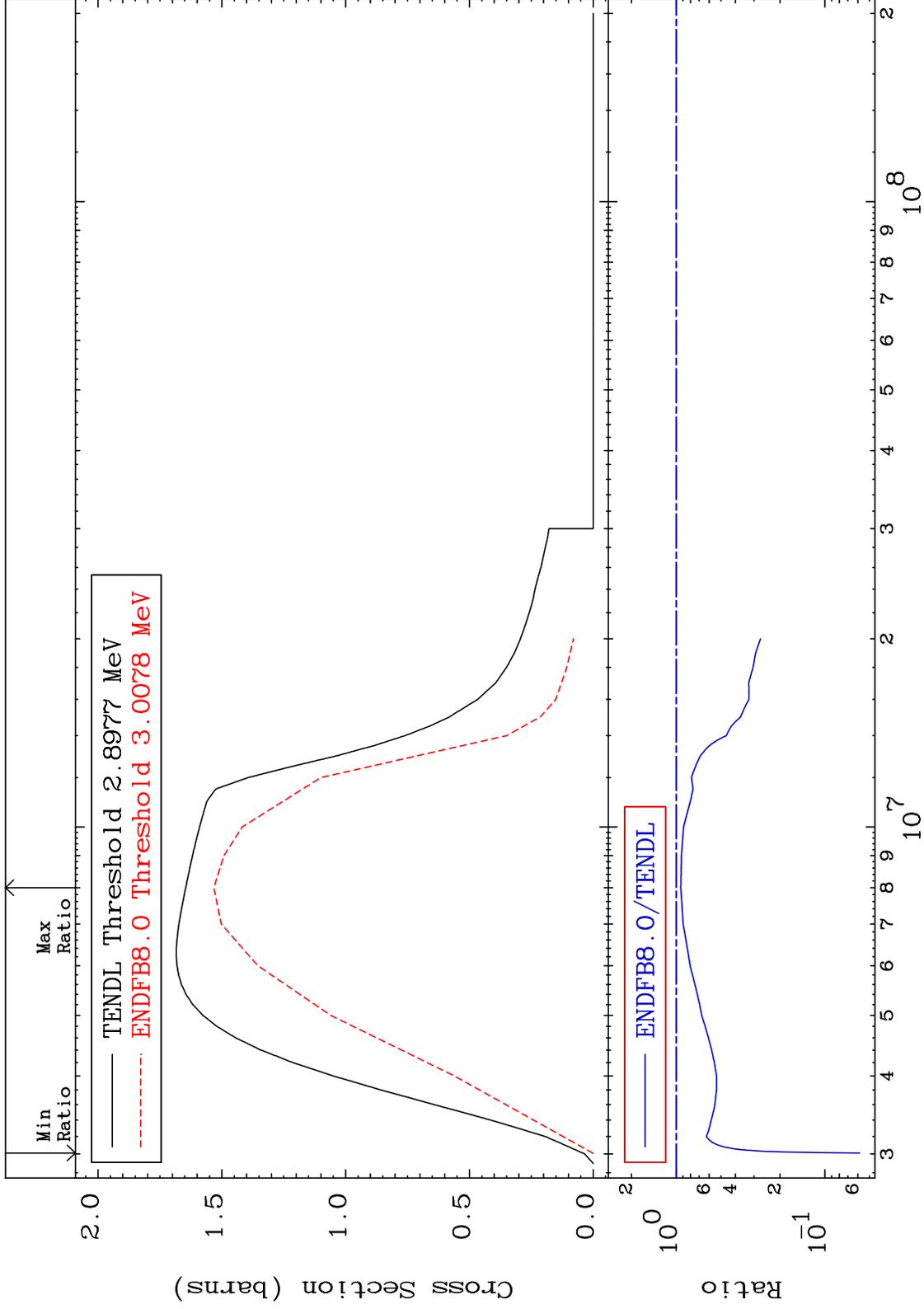
MAT 3431      MT= 79 (n,n') Level      34-Se-76  
 Cross Section      -100.0 To 114.8 %



MAT 3431

(n,n') Continuum  
Cross Section

<sup>34</sup>Se-76  
-94.17 To -6.917%



37

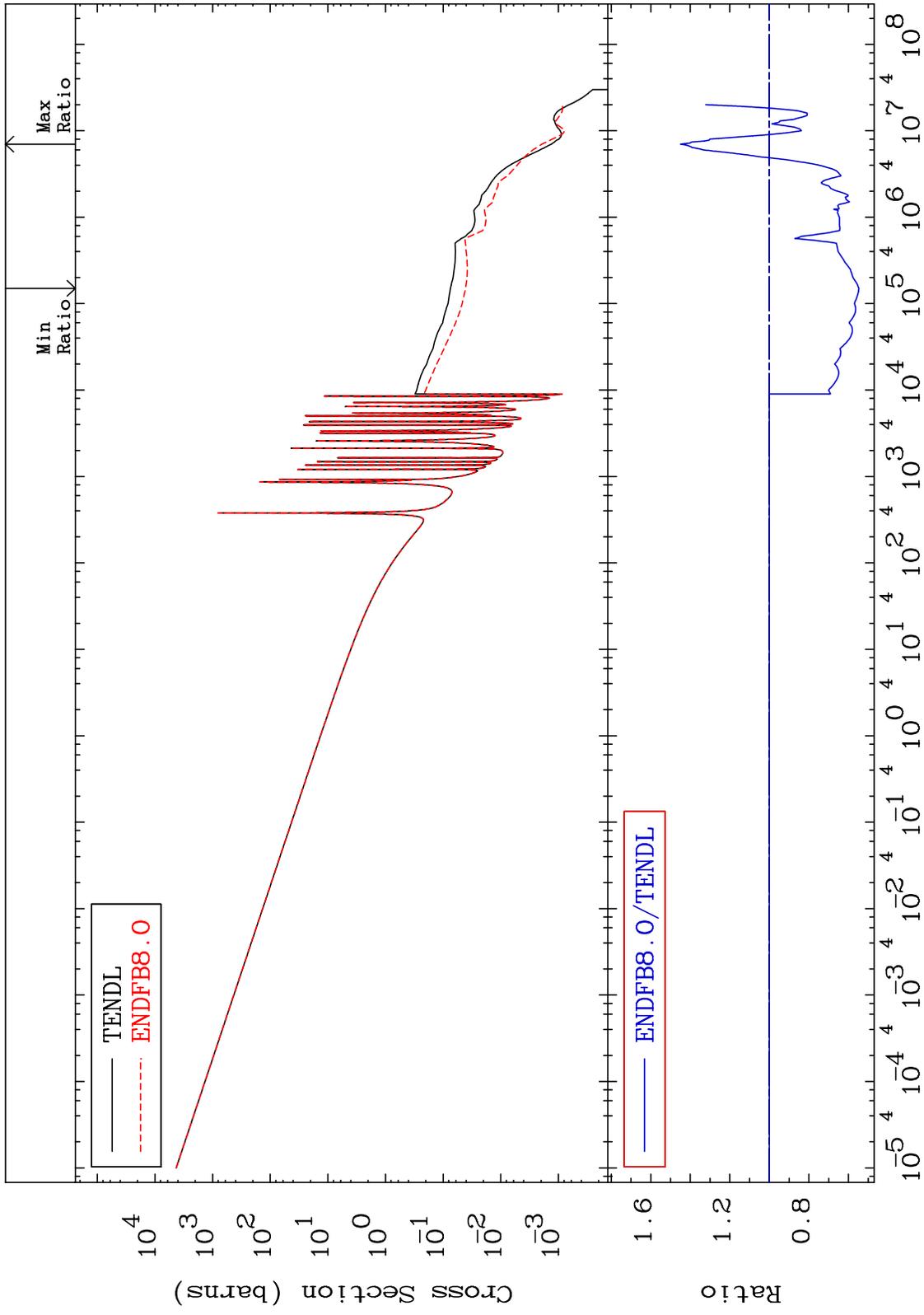
Incident Energy (eV)

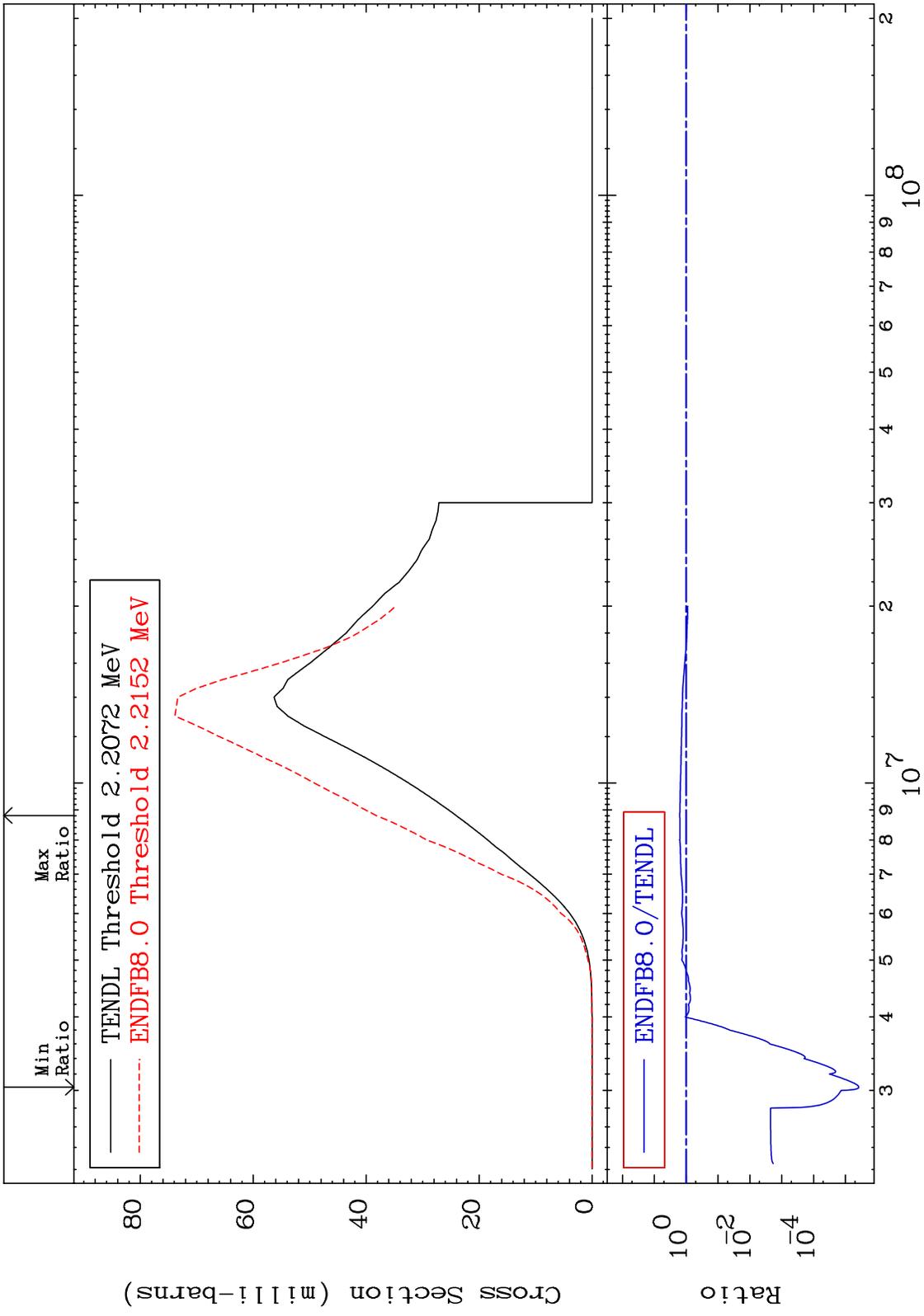
<sup>34</sup>Se-76

MAT 3431

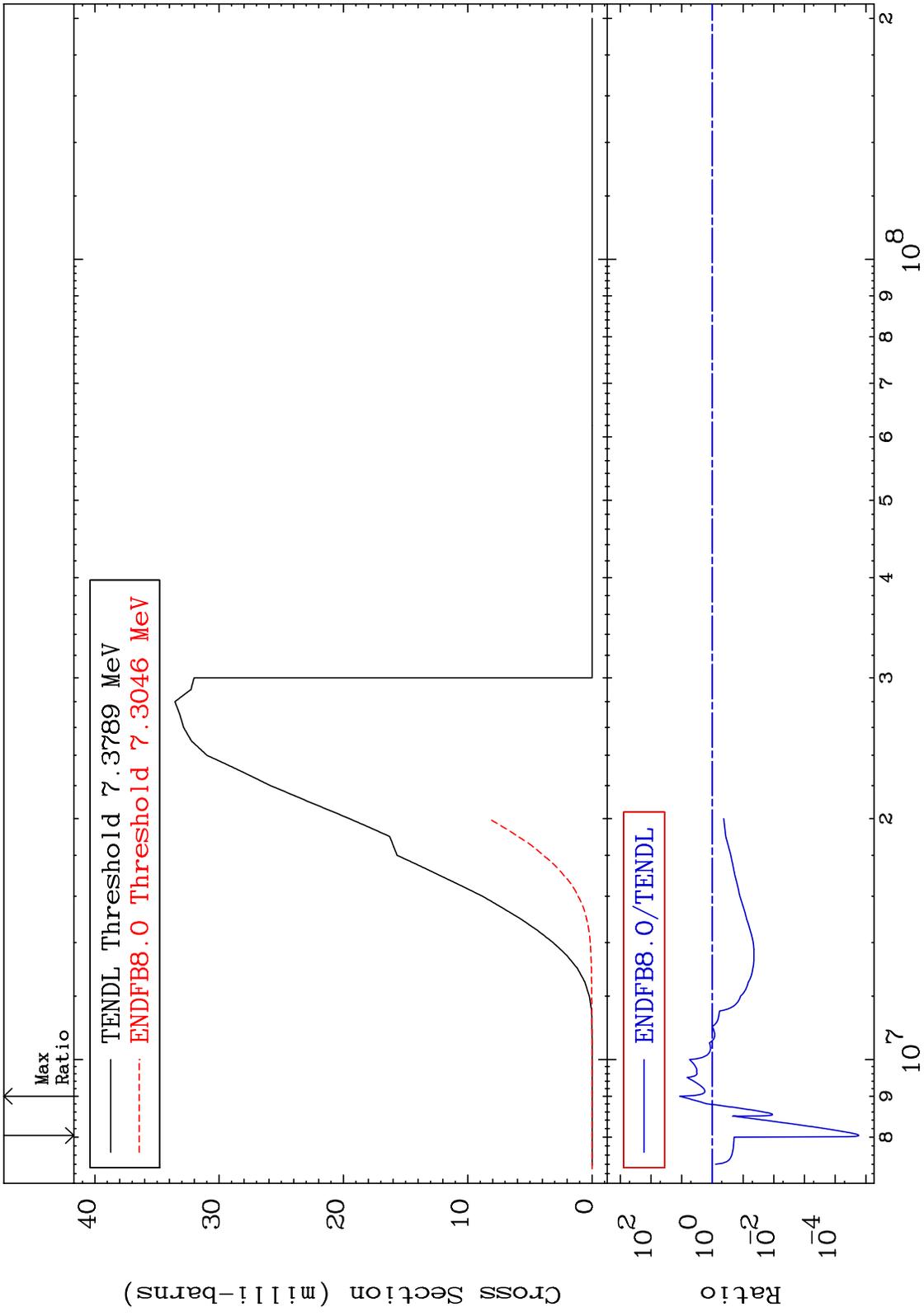
(n,  $\gamma$ )  
Cross Section

34-Se-76  
-45.32 To 45.11 %





MAT 3431 (n,d) Cross Section <sup>34</sup>Se-76 -100.0 To 1056. %



40 <sup>34</sup>Se-76

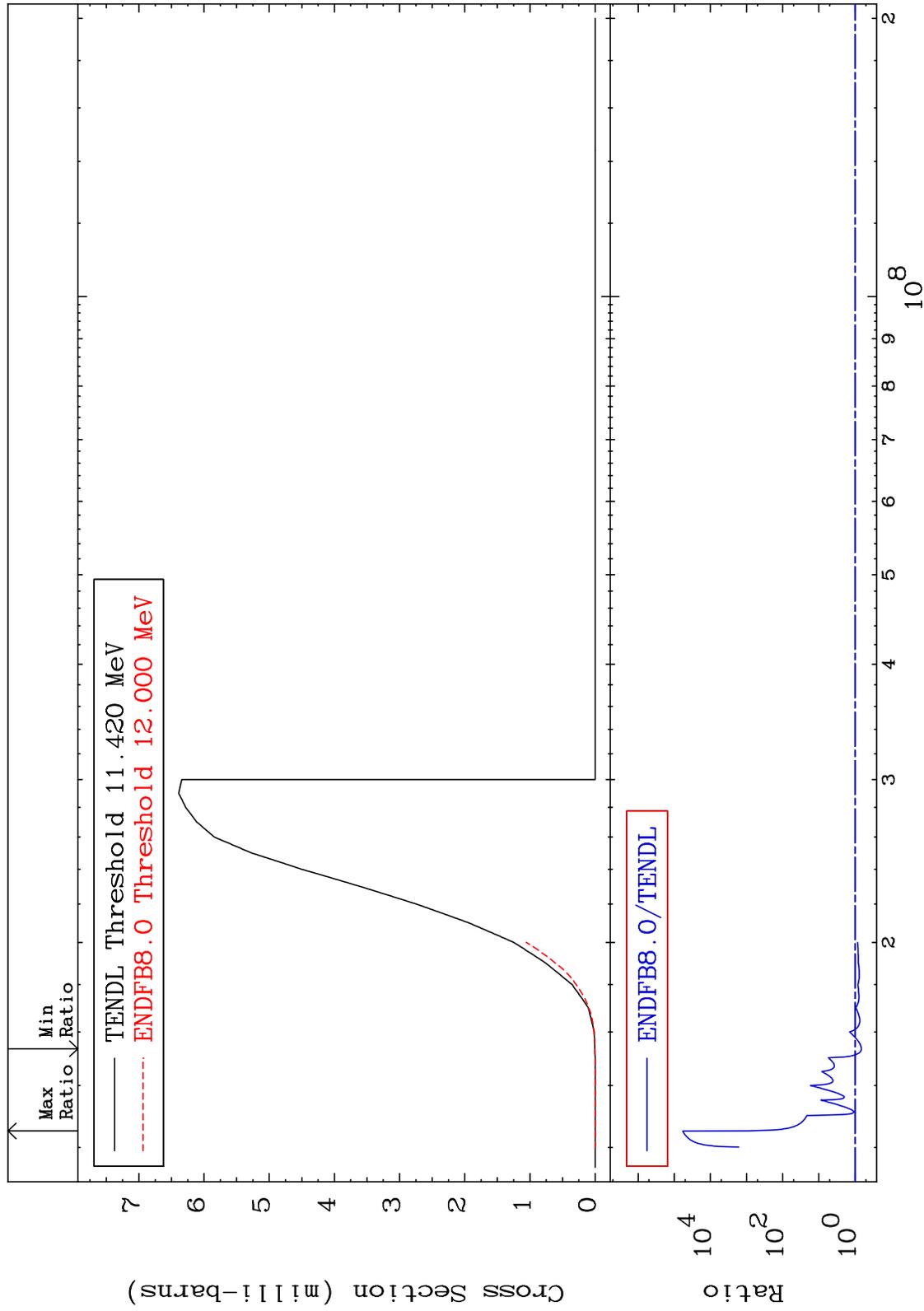
MAT 3431

(n,t)

<sup>34</sup>Se-76

Cross Section

-33.56 To 9999. %



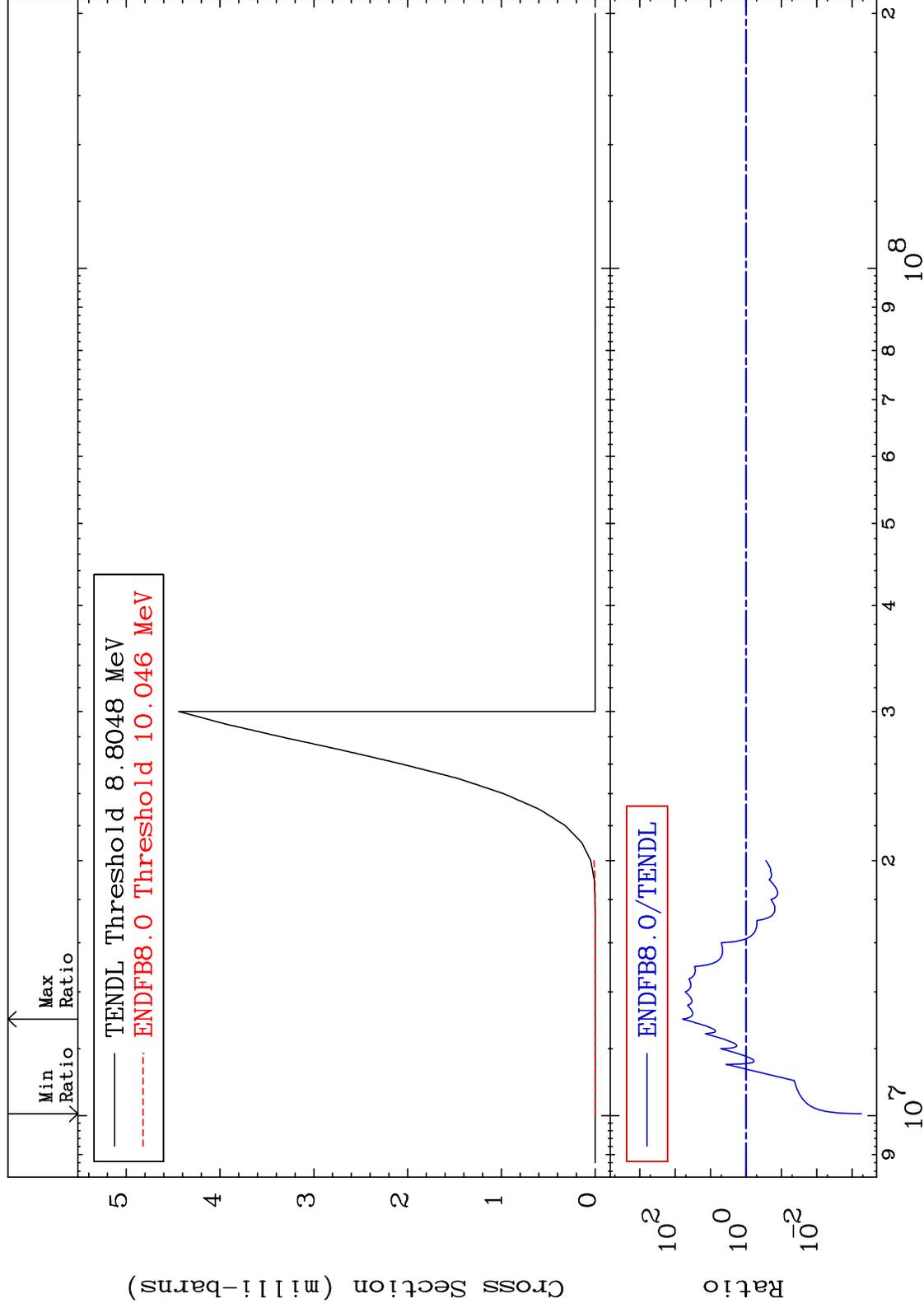
MAT 3431

(n, He-3)

34-Se-76

Cross Section

-99.95 To 6018. %



42

34-Se-76

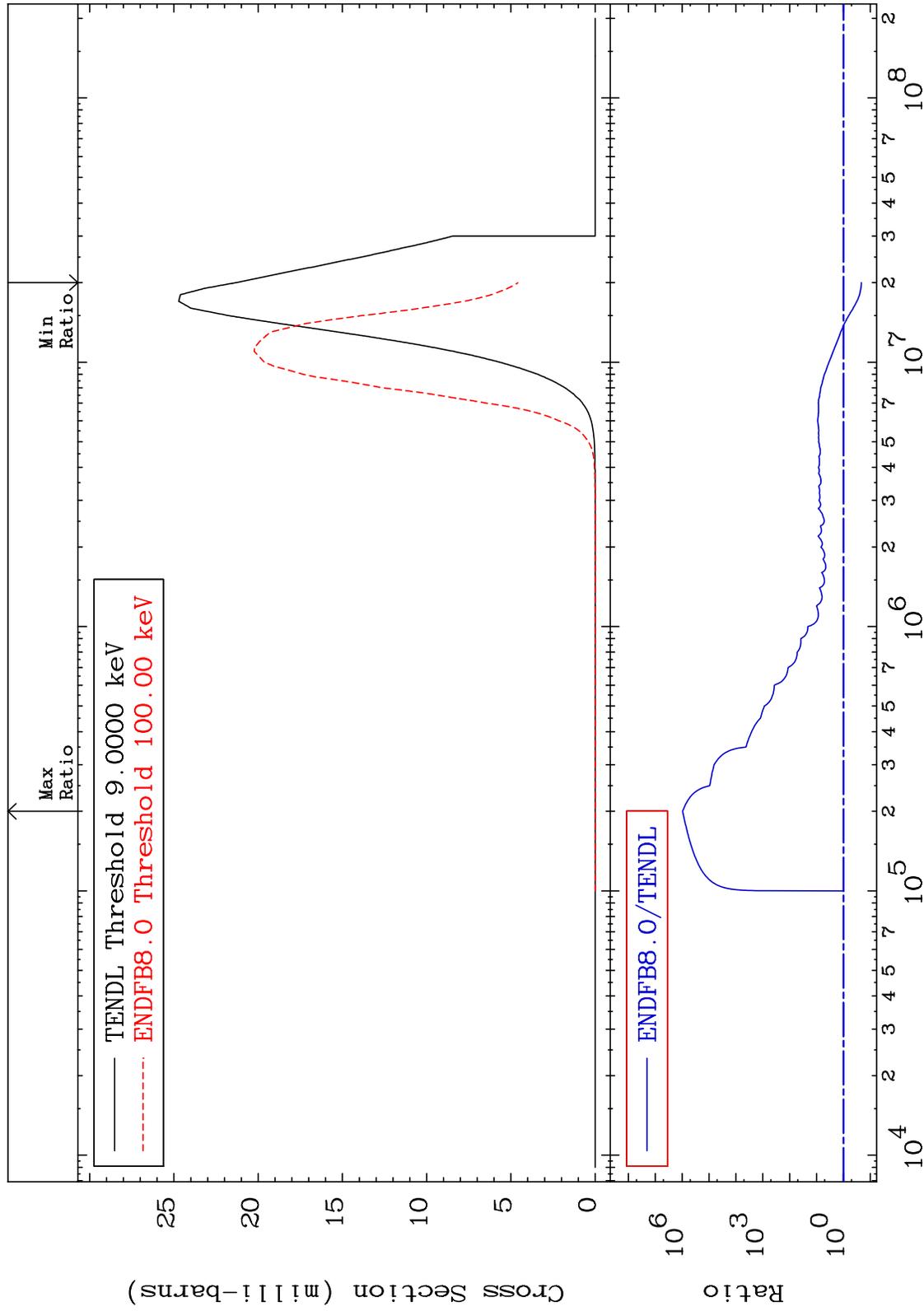
MAT 3431

(n,  $\alpha$ )

<sup>34</sup>Se-76

Cross Section

-78.56 To 9999. %



43

Incident Energy (eV)

<sup>34</sup>Se-76

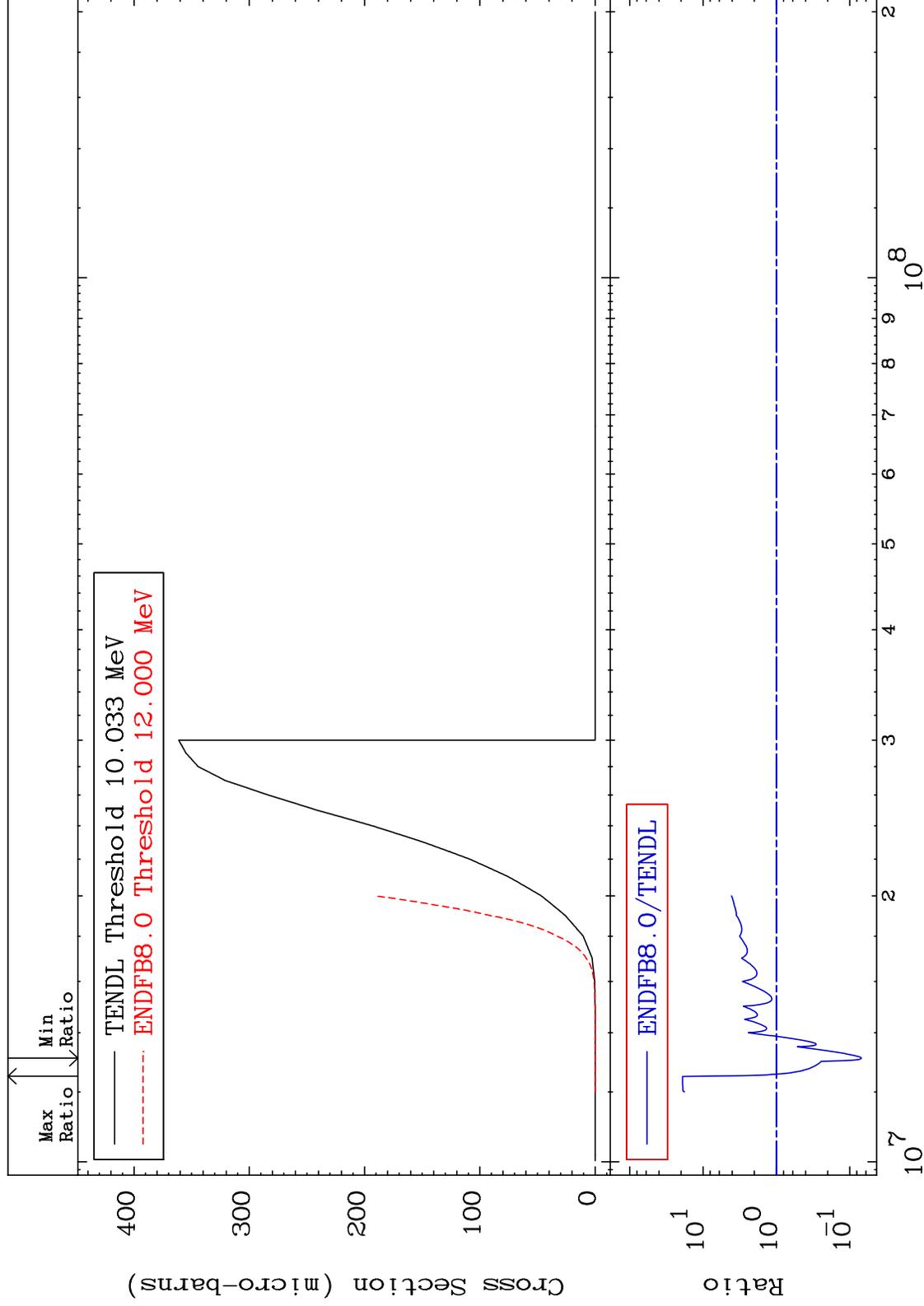
MAT 3431

(n,2p)

<sup>34</sup>Se-76

Cross Section

-93.07 To 1799. %



44

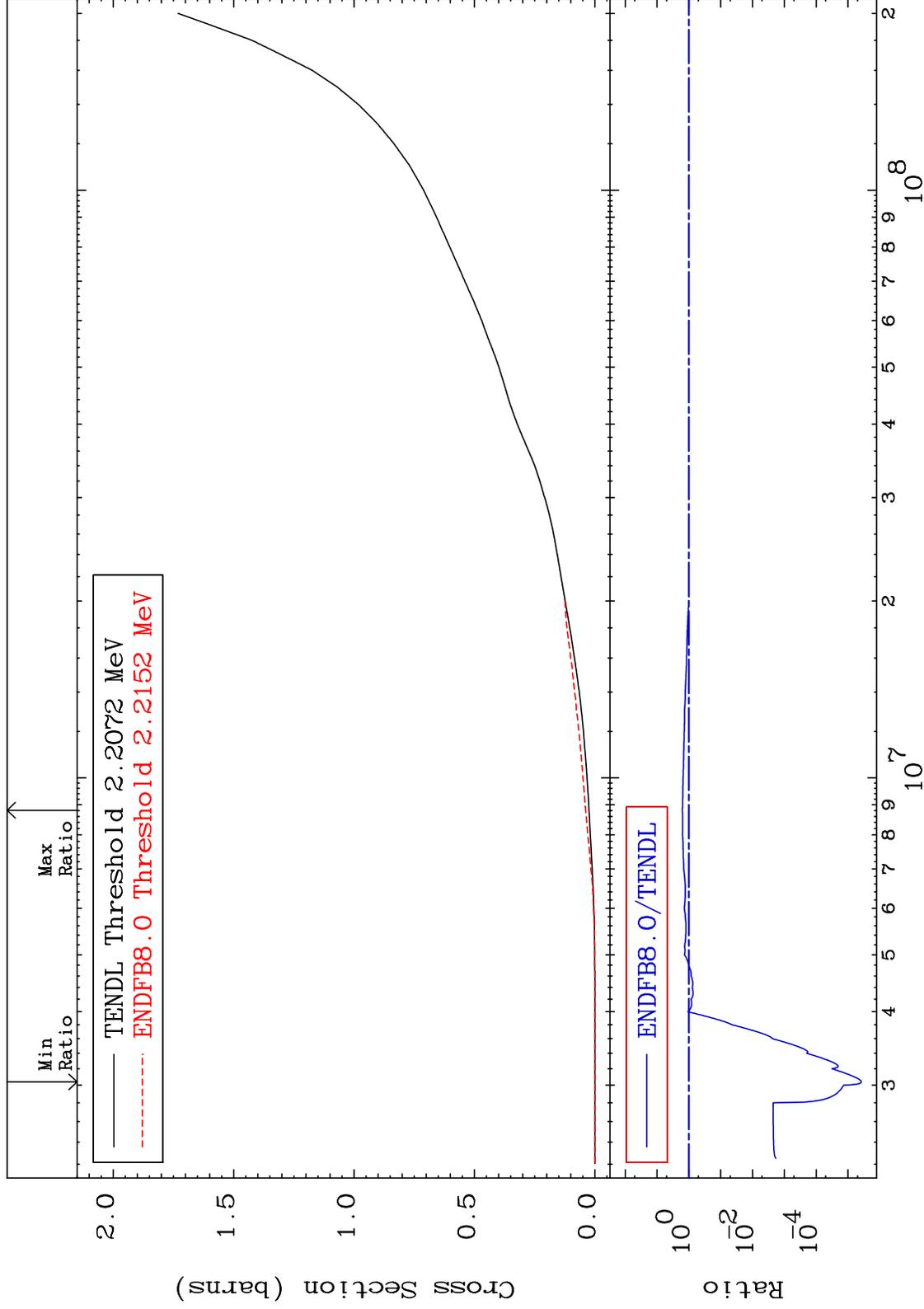
Incident Energy (eV)

<sup>34</sup>Se-76

MAT 3431

Hydrogen Production  
Cross Section

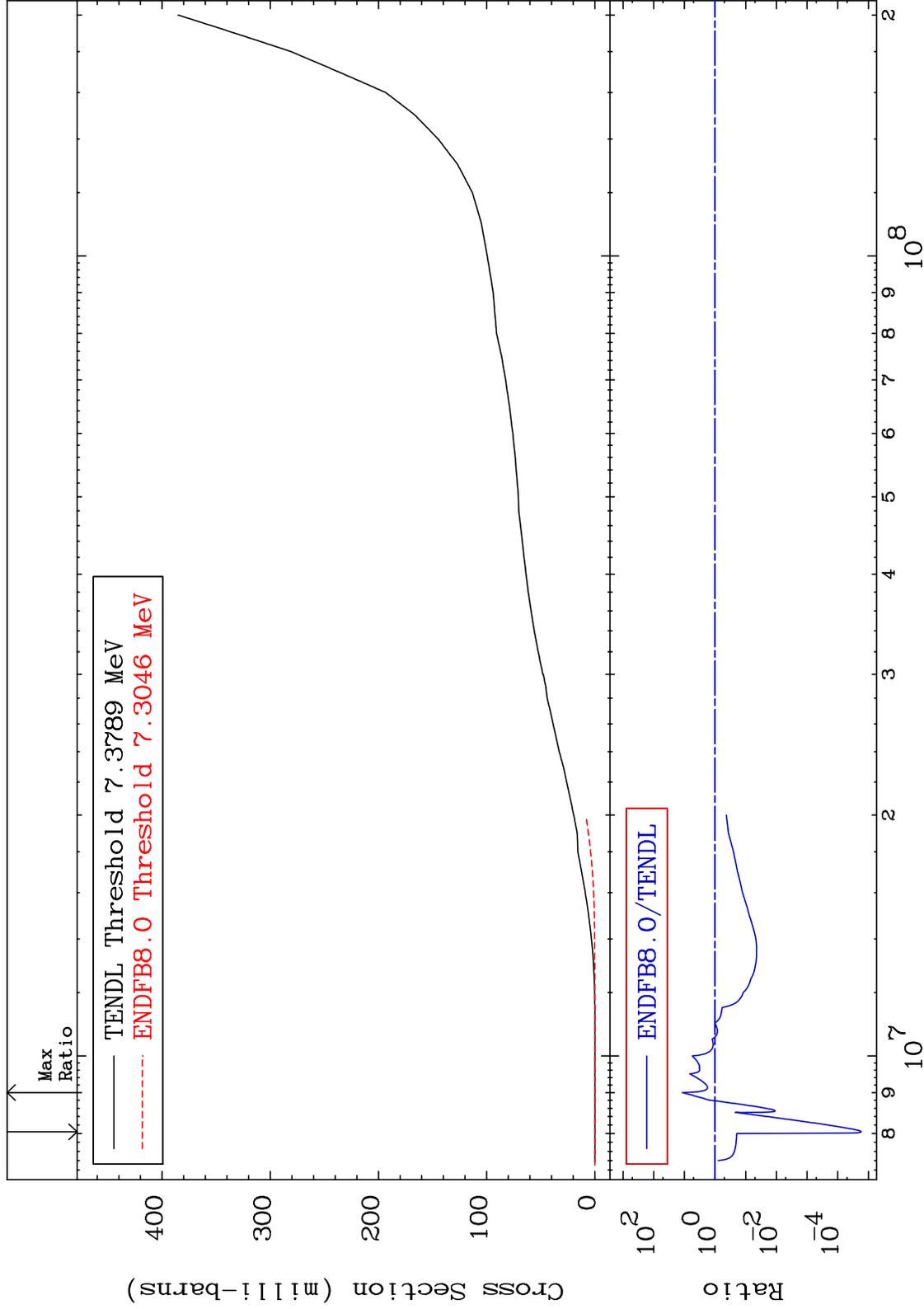
<sup>34</sup>Se-76  
-100.0 To 58.85 %



MAT 3431

### Deuterium Production Cross Section

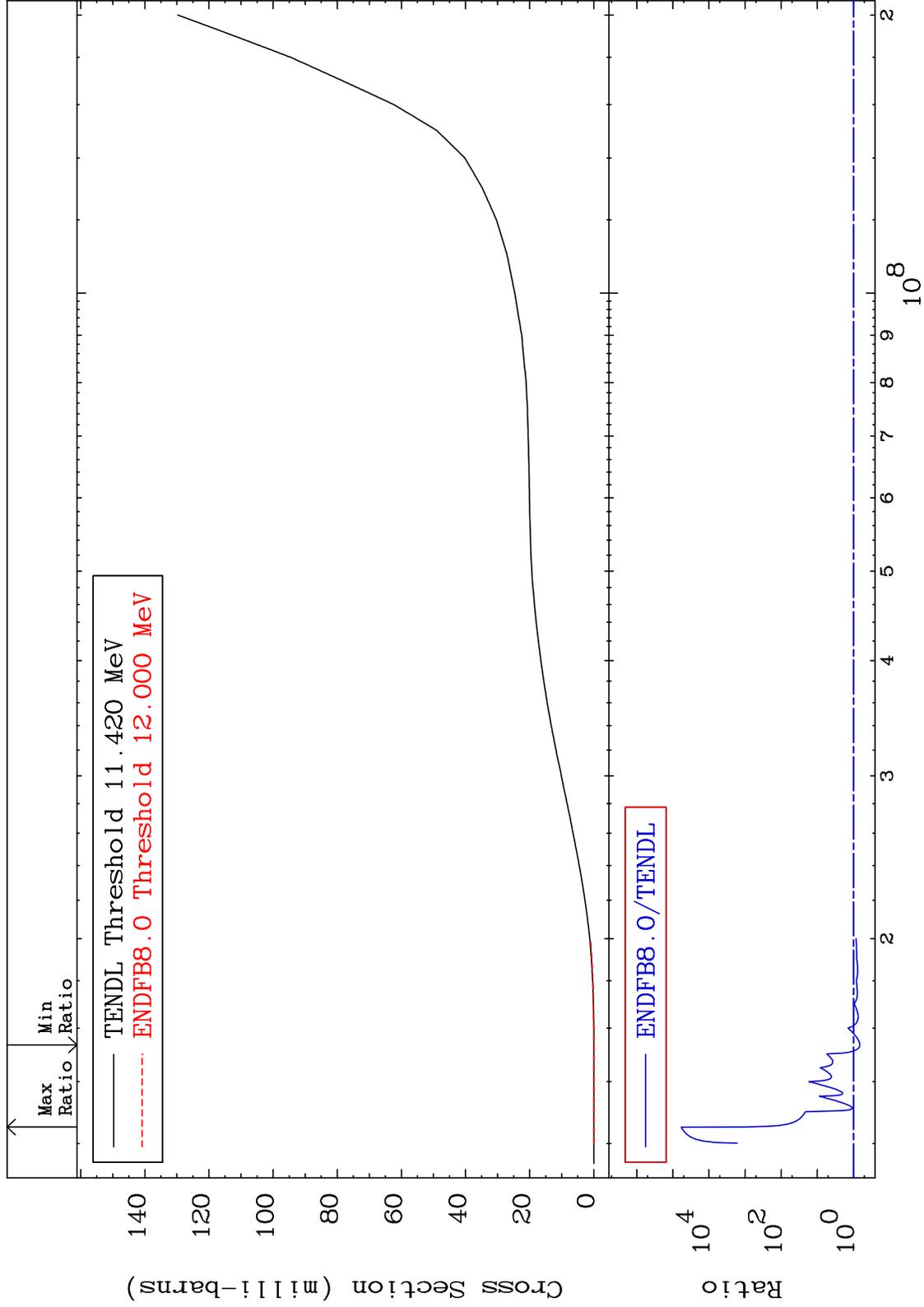
<sup>34</sup>Se-76  
-100.0 To 1056. %



MAT 3431

Tritium Production  
Cross Section

<sup>34</sup>Se-76  
-33.56 To 9999. %



47

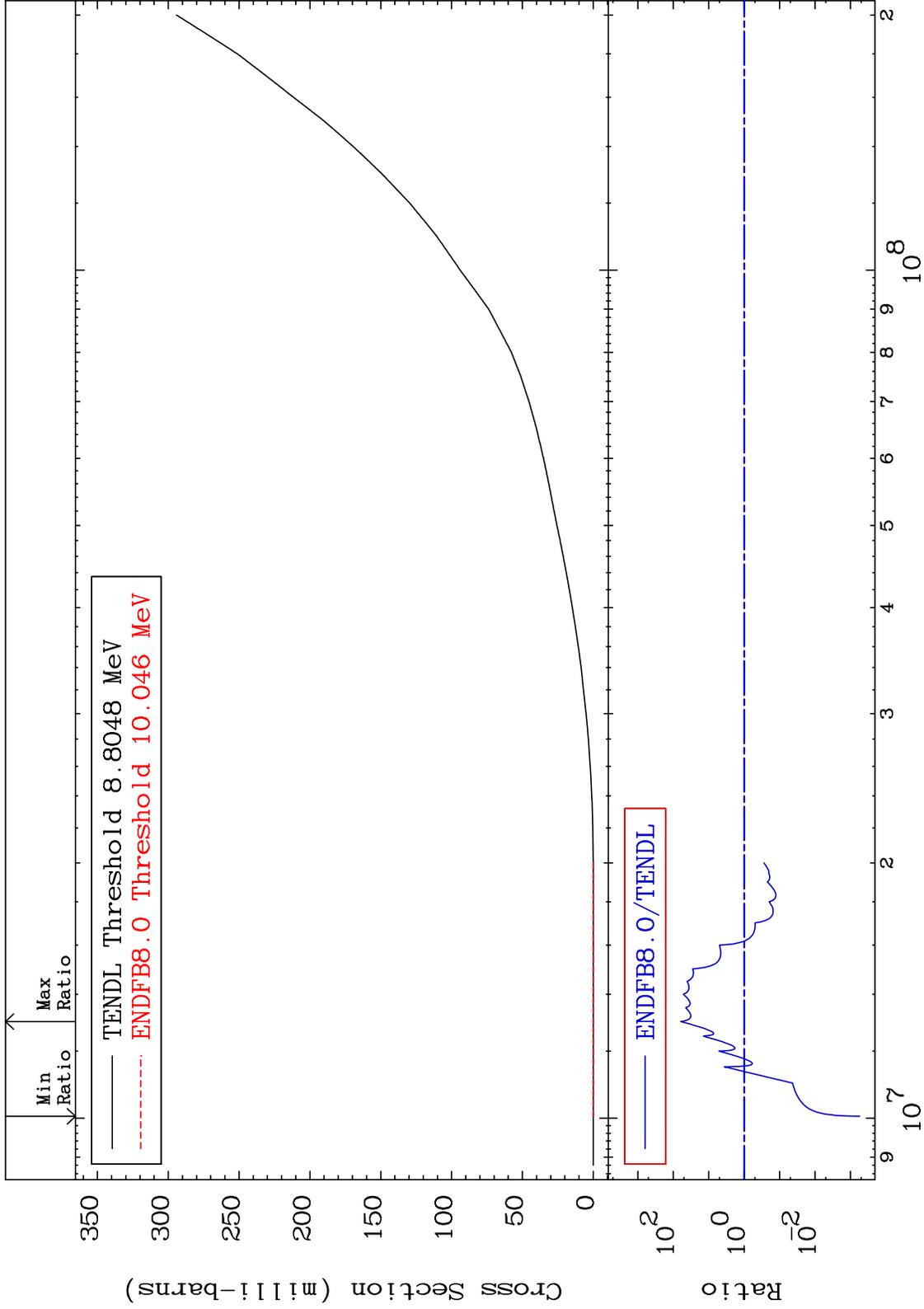
Incident Energy (eV)

<sup>34</sup>Se-76

MAT 3431

He-3 Production  
Cross Section

34-Se-76  
-99.95 To 6018. %



48

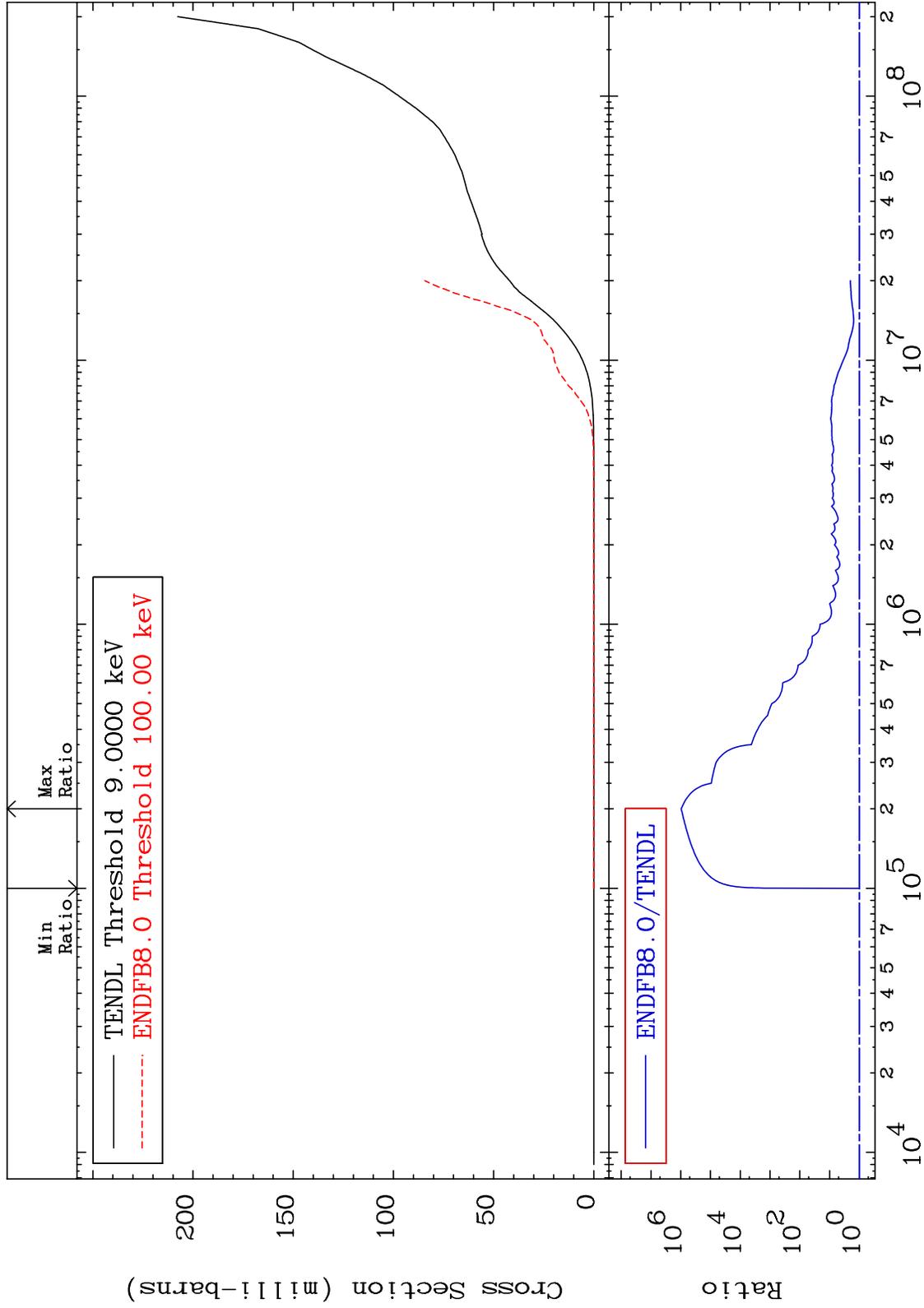
Incident Energy (eV)

34-Se-76

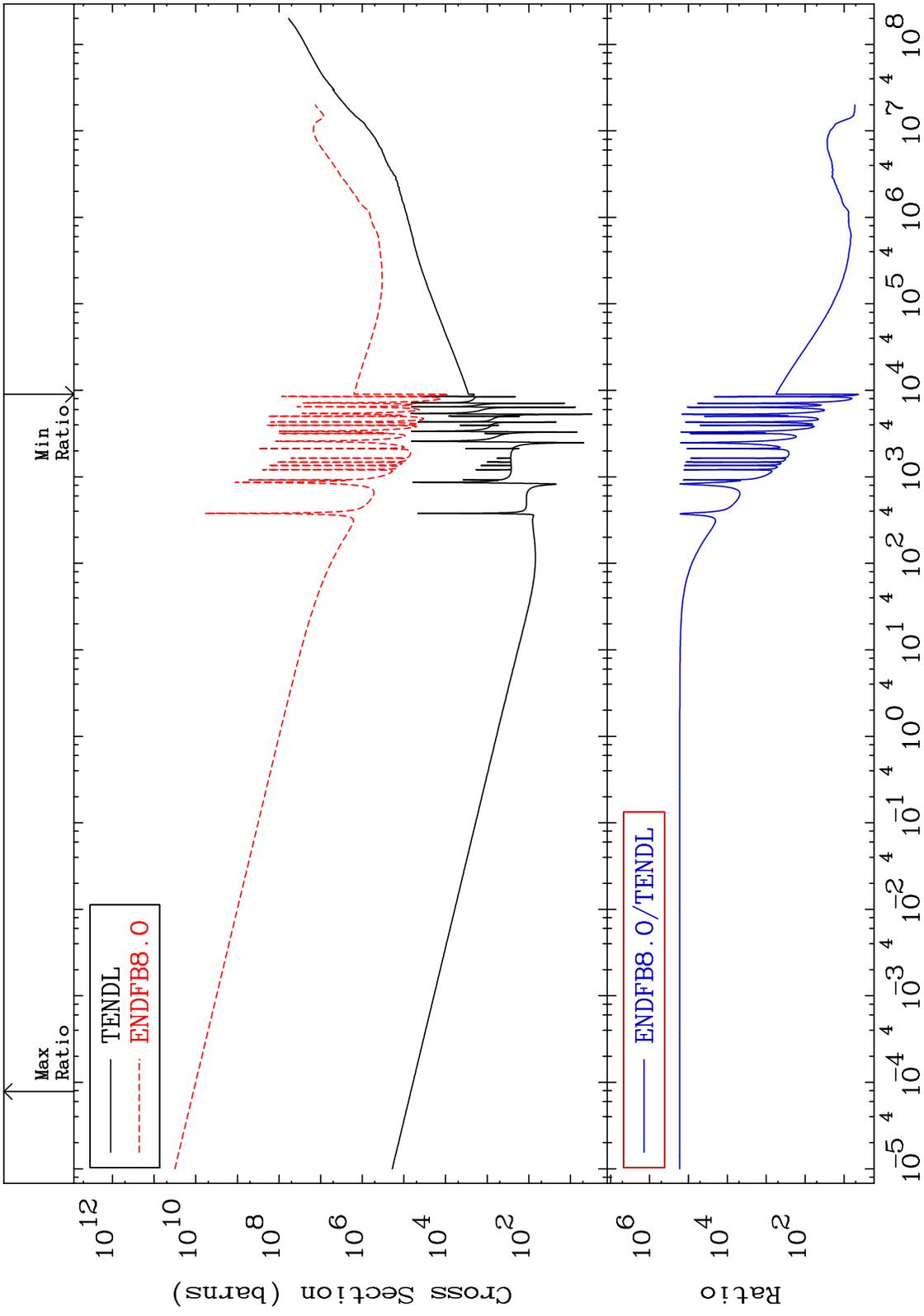
MAT 3431

He-4 Production  
Cross Section

34-Se-76  
-3.703 To 9999. %



MAT 3431 Kerma total (eV-barns) 34-Se-76  
 Cross Section 316.0 To 9999. %

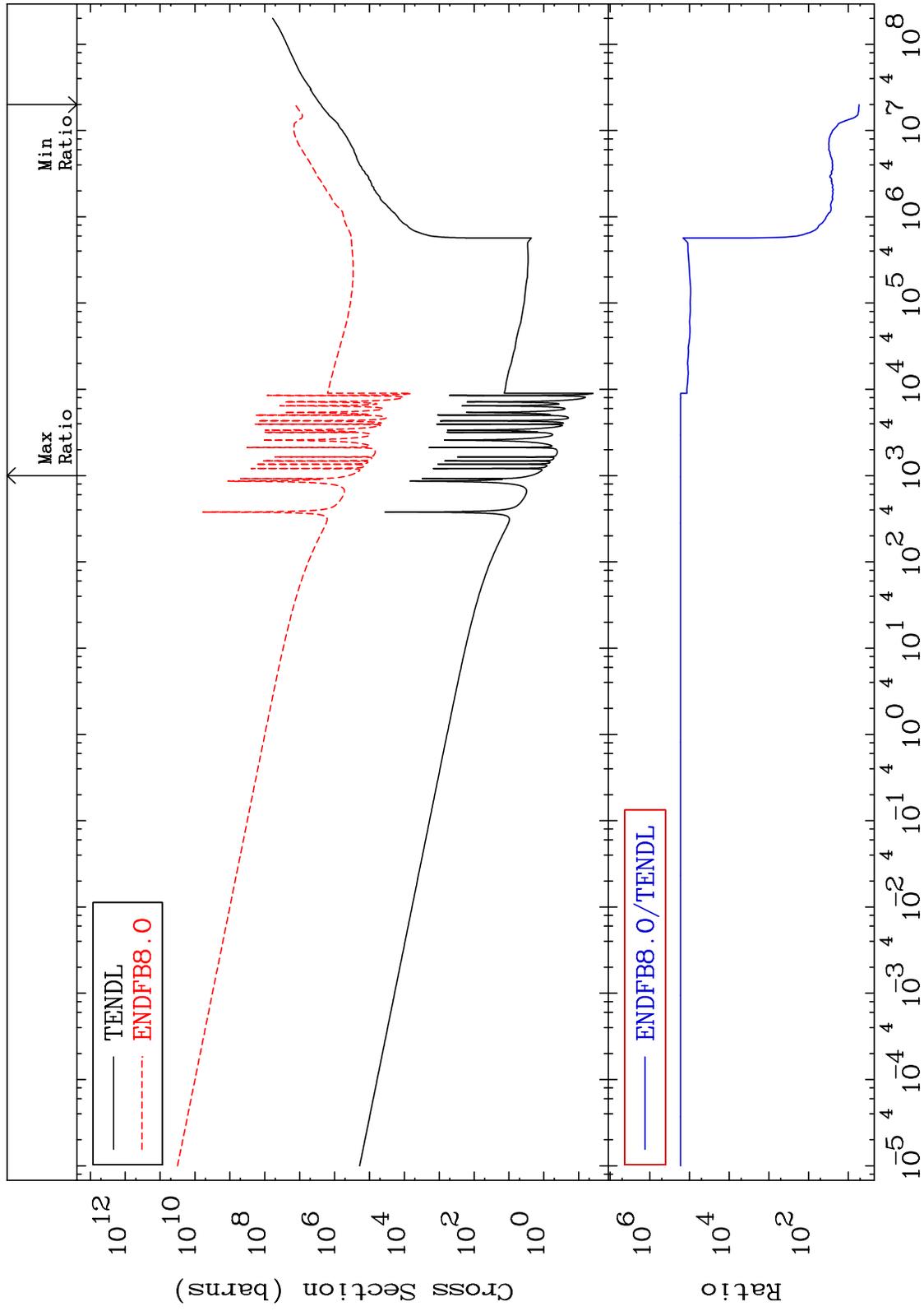


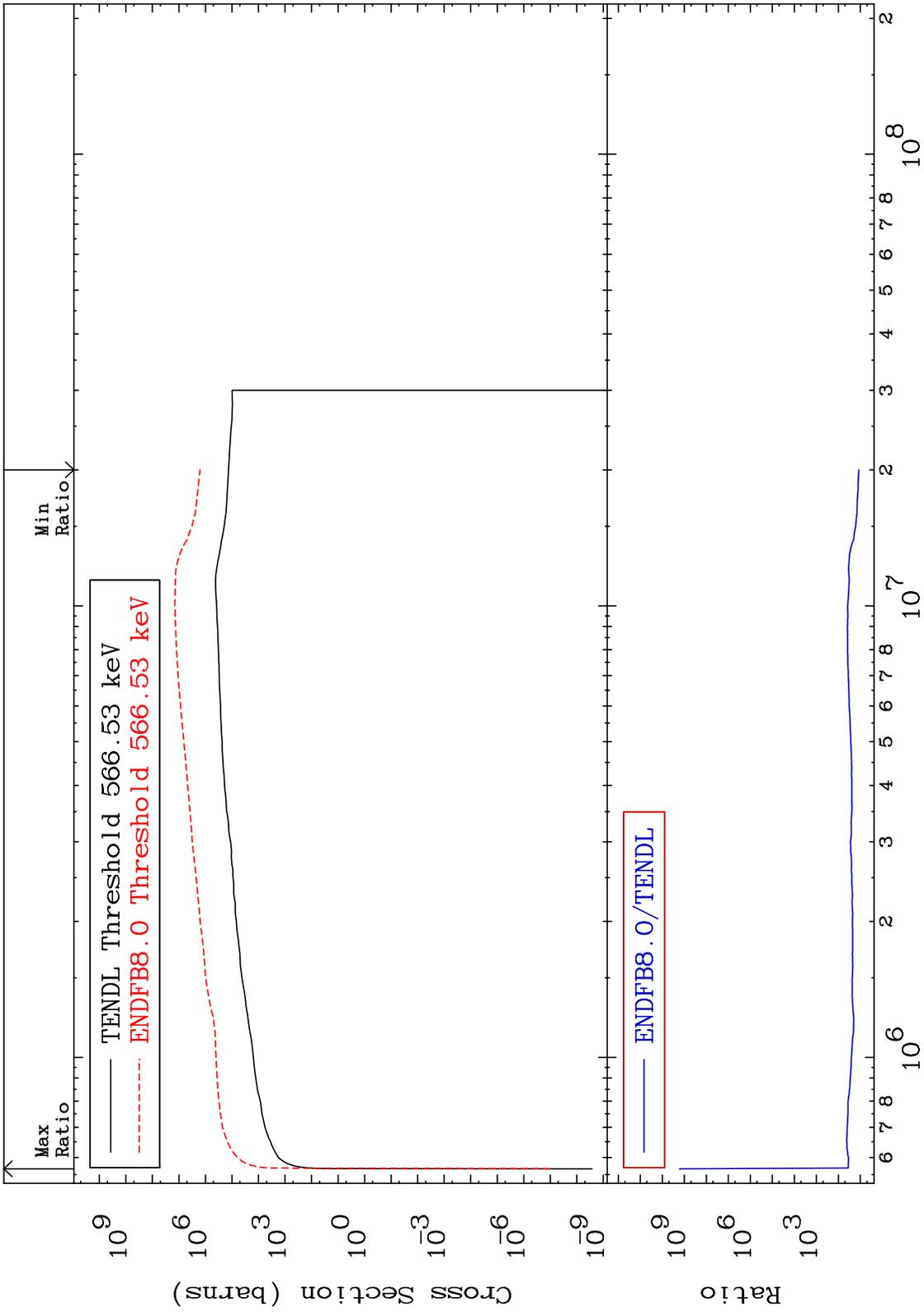


MAT 3431

Kerma non-elastic (all but mt2)  
Cross Section

34-Se-76  
433.5 To 9999. %

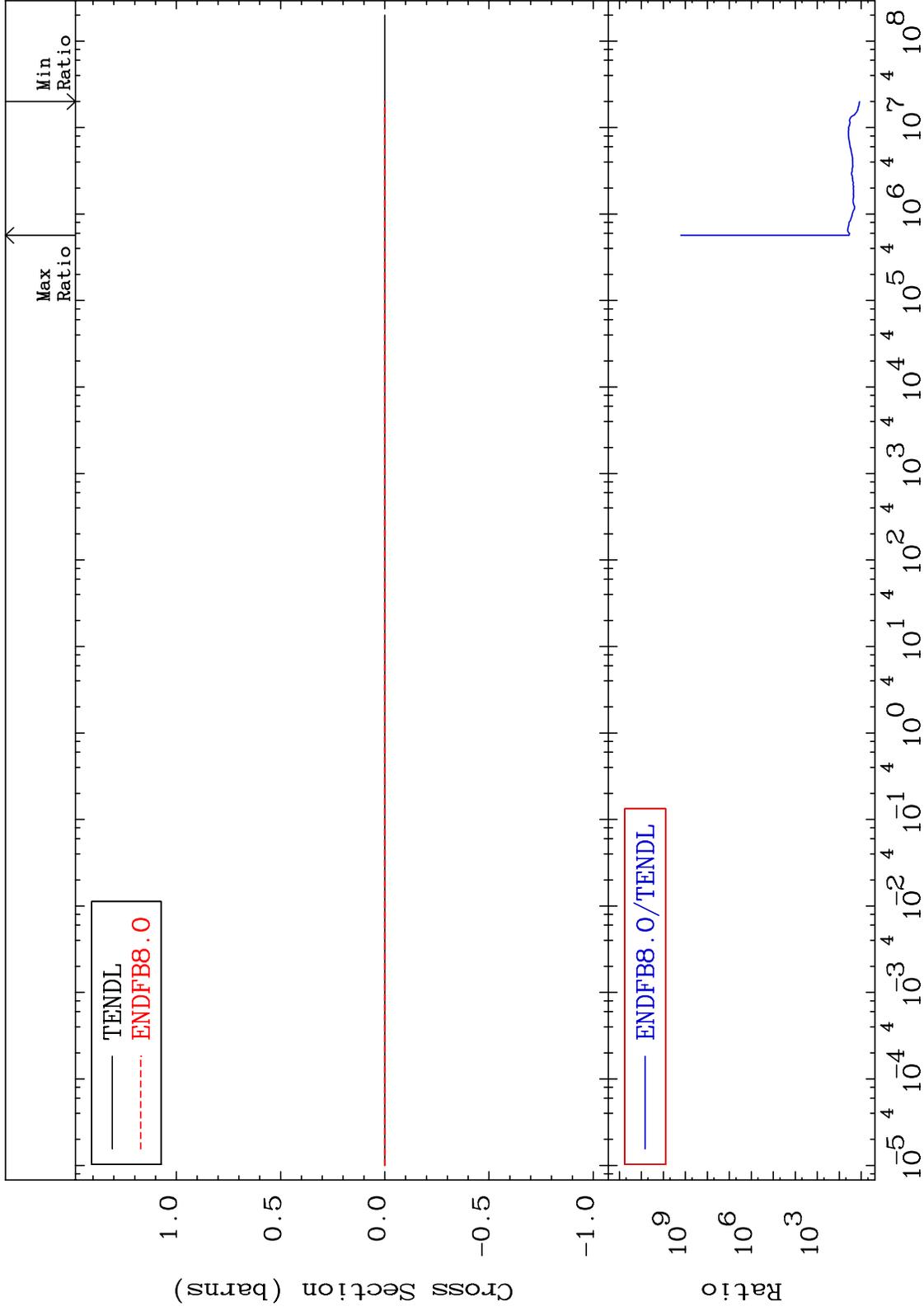




MAT 3431

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

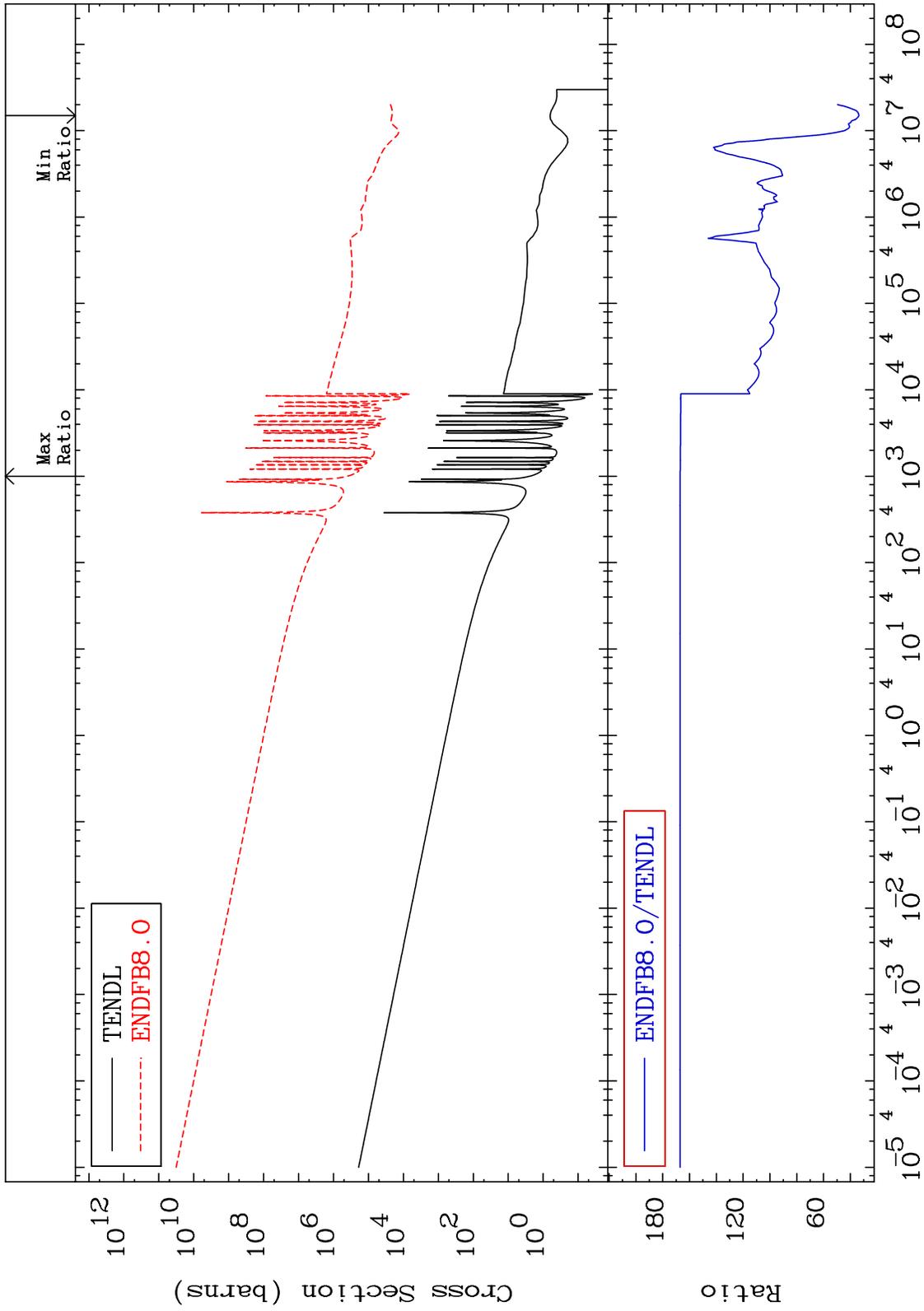
34-Se-76  
1077. To 9999. %



MAT 3431

Kerma capture (mt102)  
Cross Section

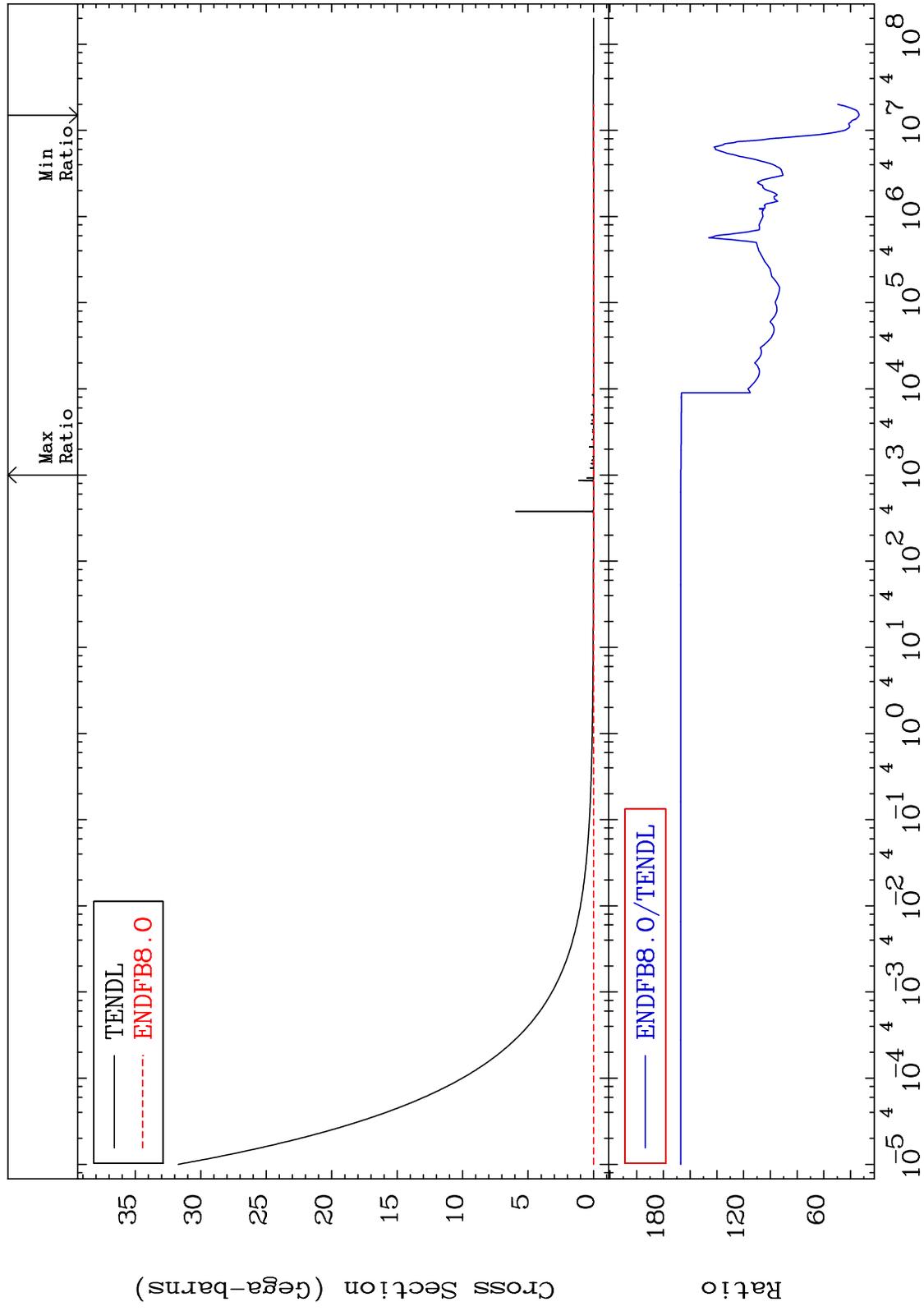
34-Se-76  
9999. To 9999. %



MAT 3431

Total photon (eV-barns)  
Cross Section

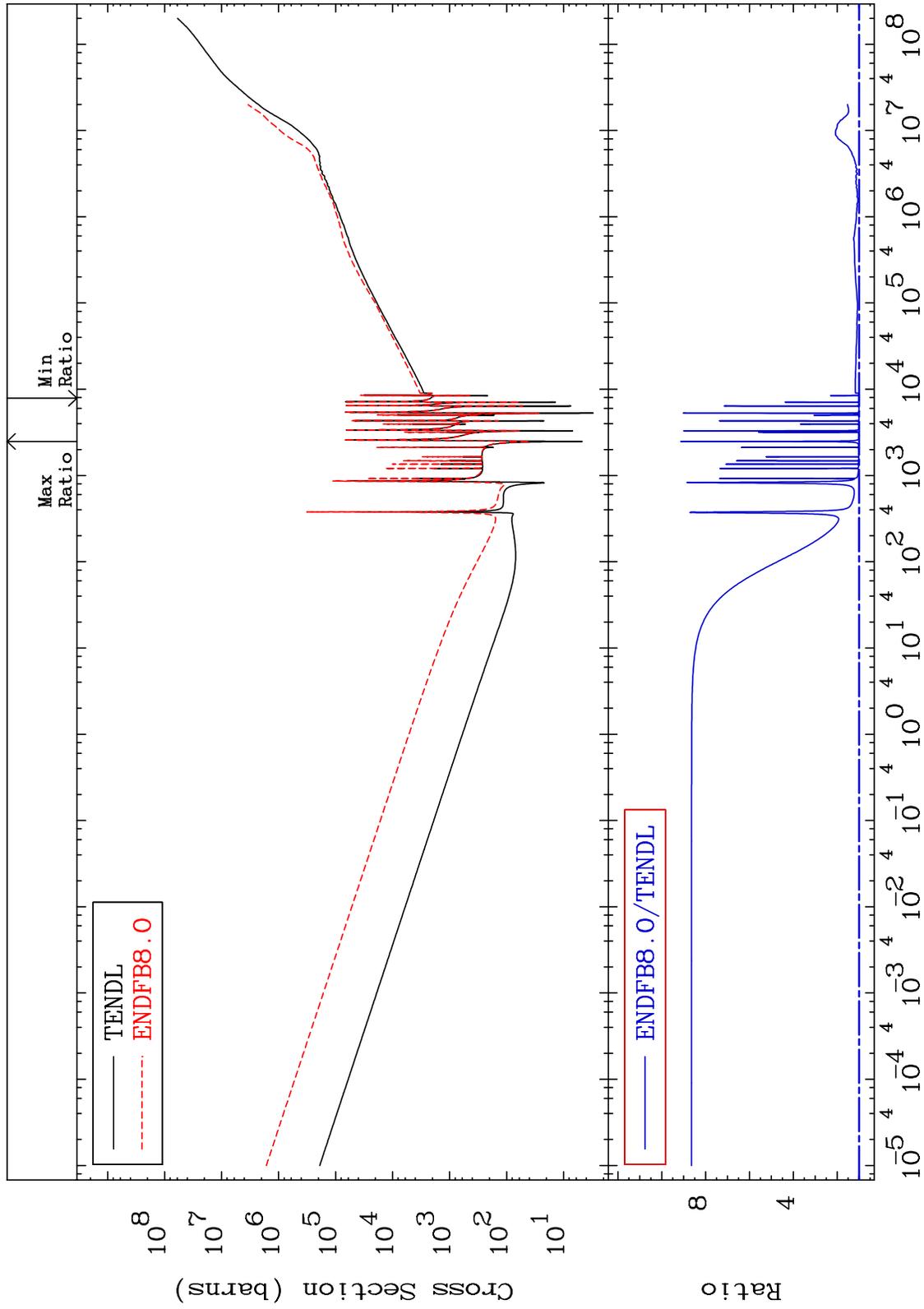
34-Se-76  
9999. To 9999. %



MAT 3431

Total kinematic kerma (high limit)  
Cross Section

34-Se-76  
0.275 To 814.0 %



57

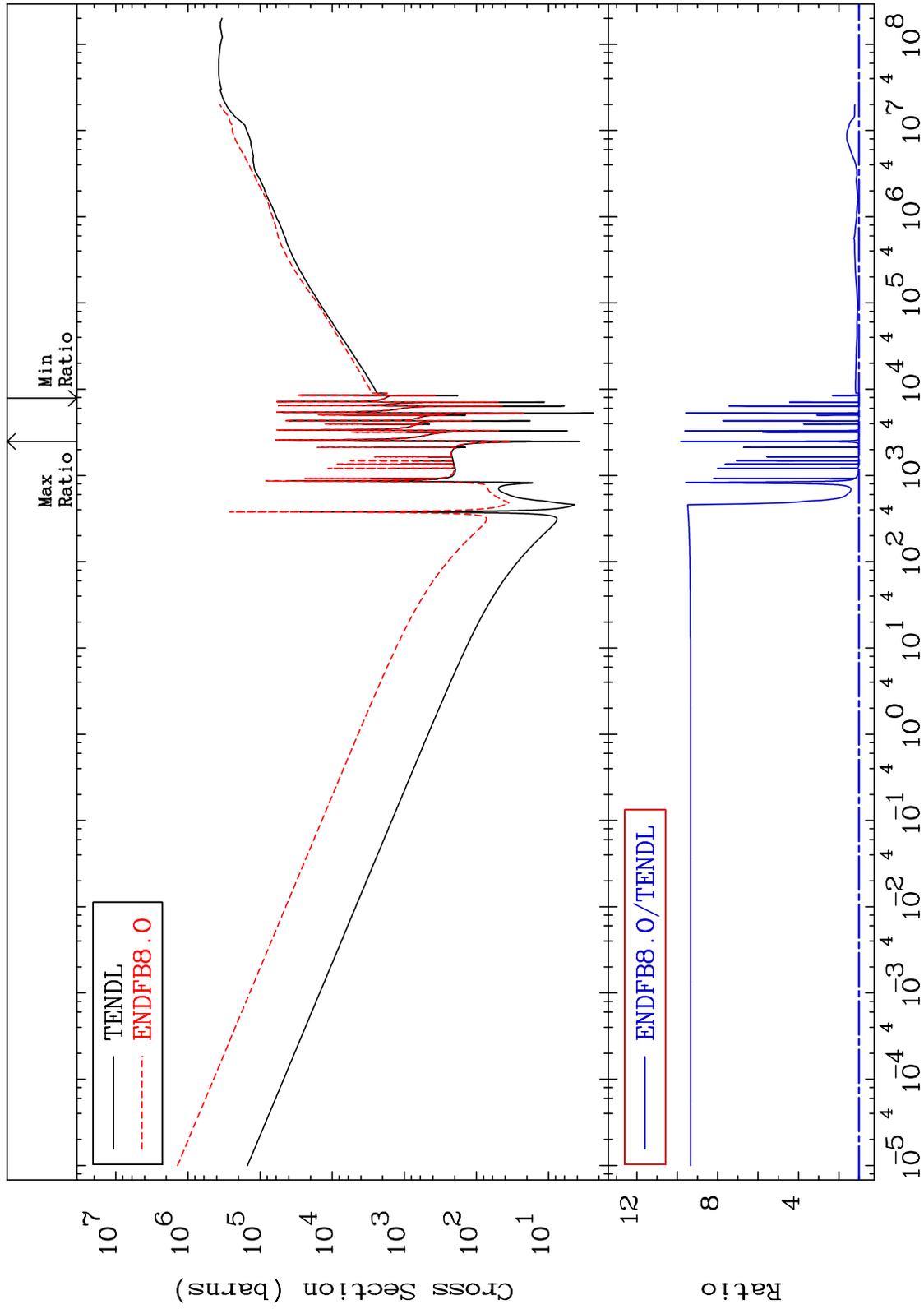
Incident Energy (eV)

34-Se-76

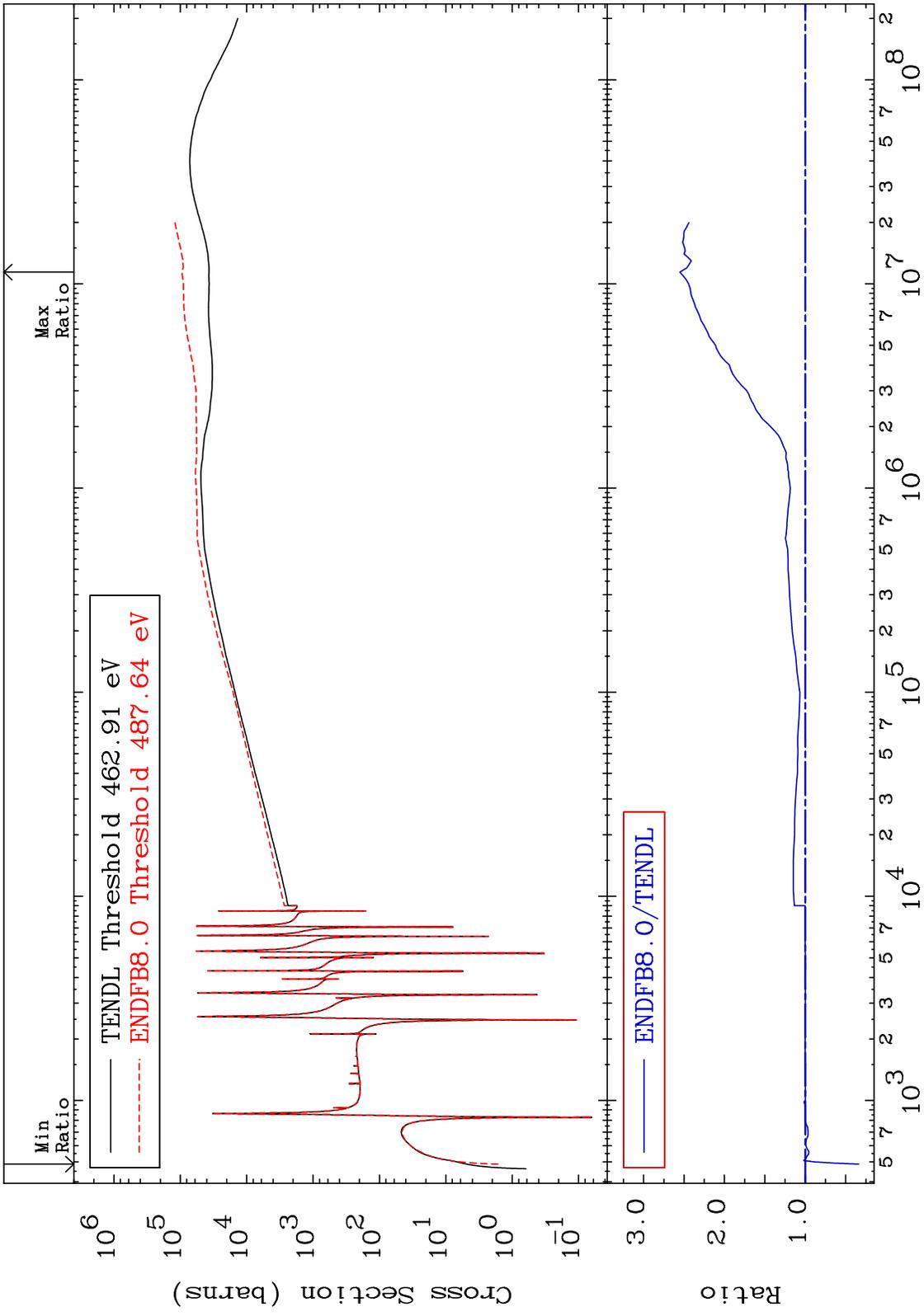
MAT 3431

Dpa total (eV-barns)  
Cross Section

34-Se-76  
0.265 To 883.5 %



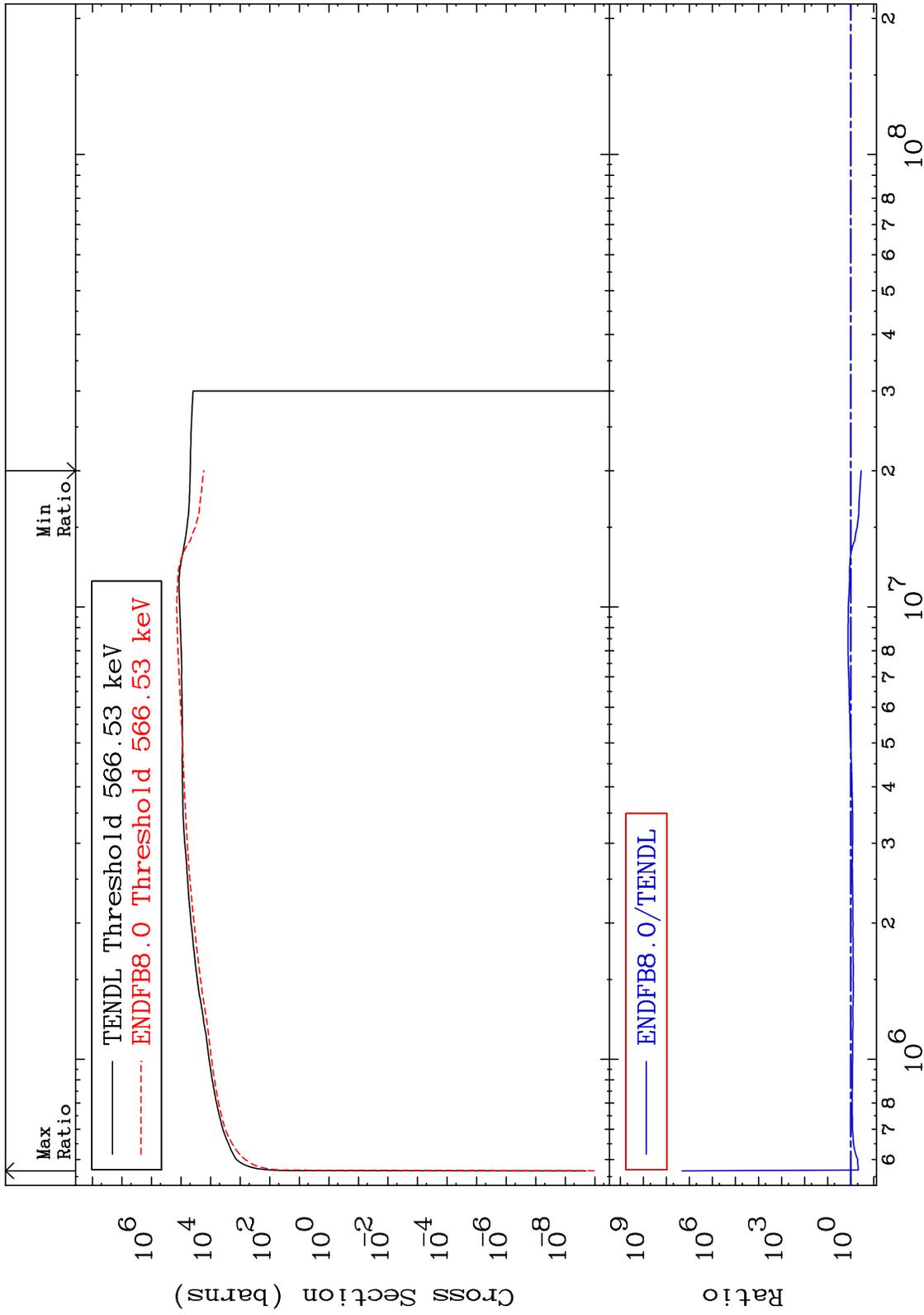
MAT 3431      Dpa elastic (mt2)      34-Se-76  
 Cross Section      -66.24 To 155.3 %



MAT 3431

Dpa inelastic (mt51-91)  
Cross Section

34-Se-76  
-65.33 To 9999. %



60

Incident Energy (eV)

34-Se-76

MAT 3431

Dpa disappearance (mt102 -120)  
Cross Section

34-Se-76  
-39.64 To 9999. %

