

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

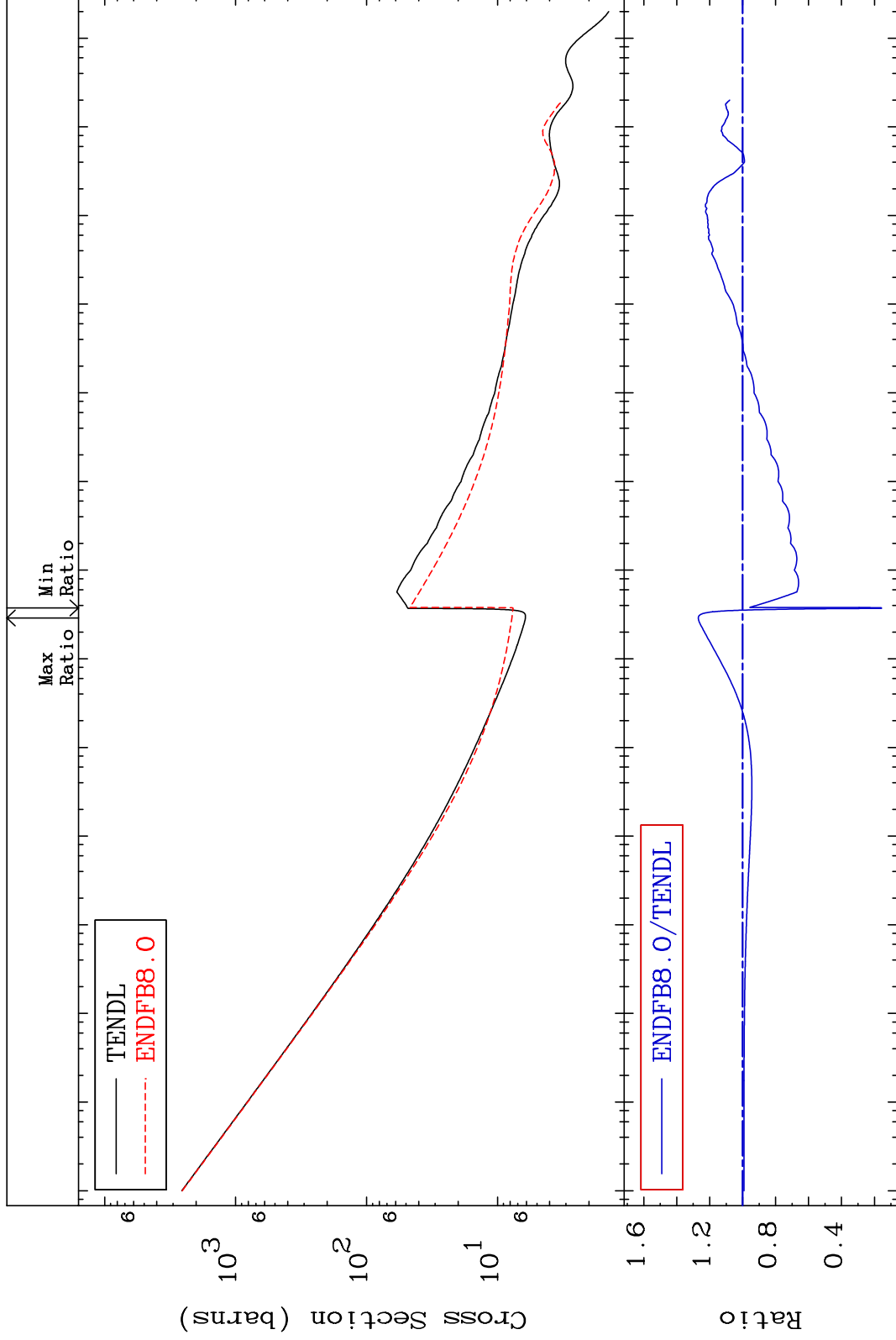
MAT 3440

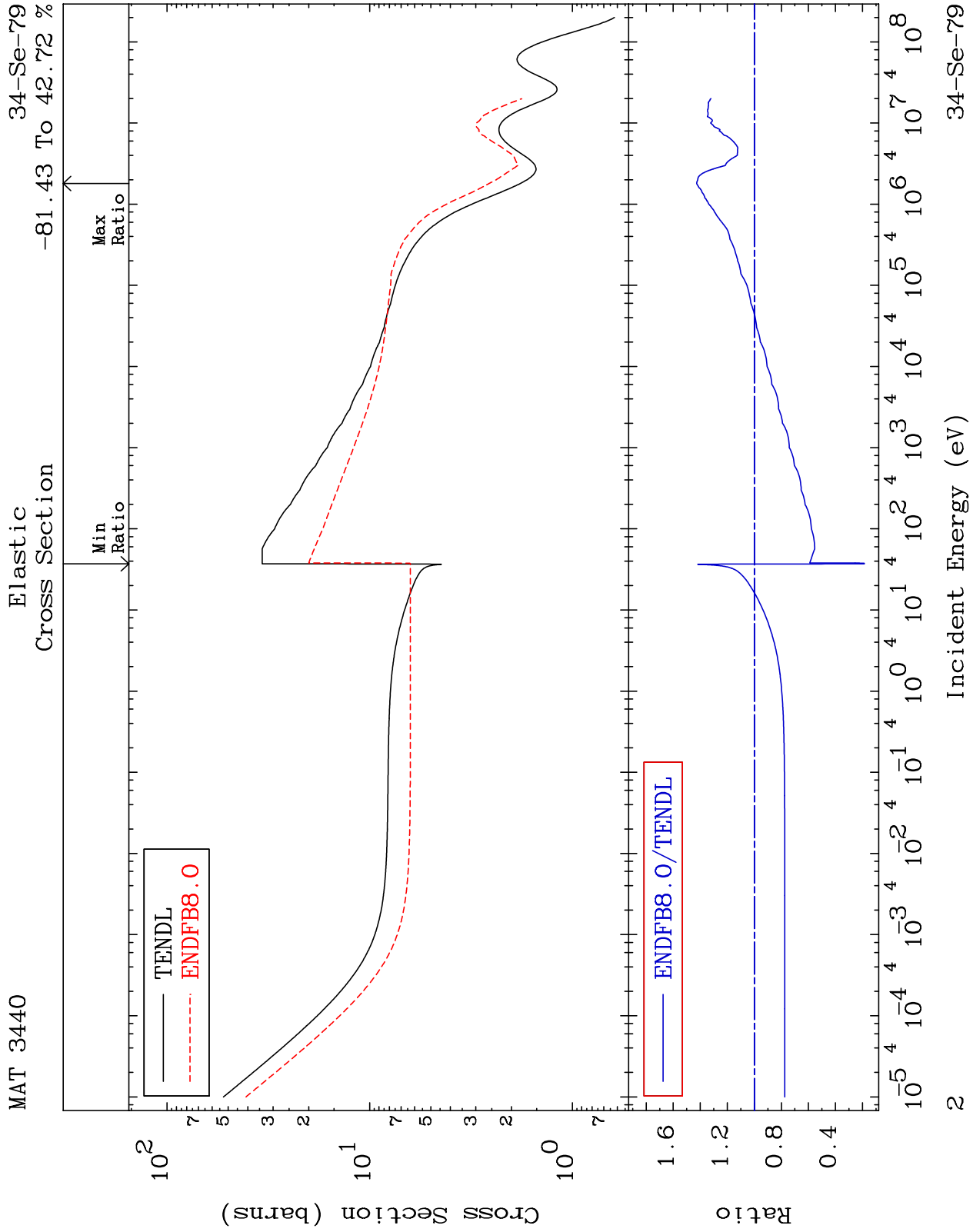
Total

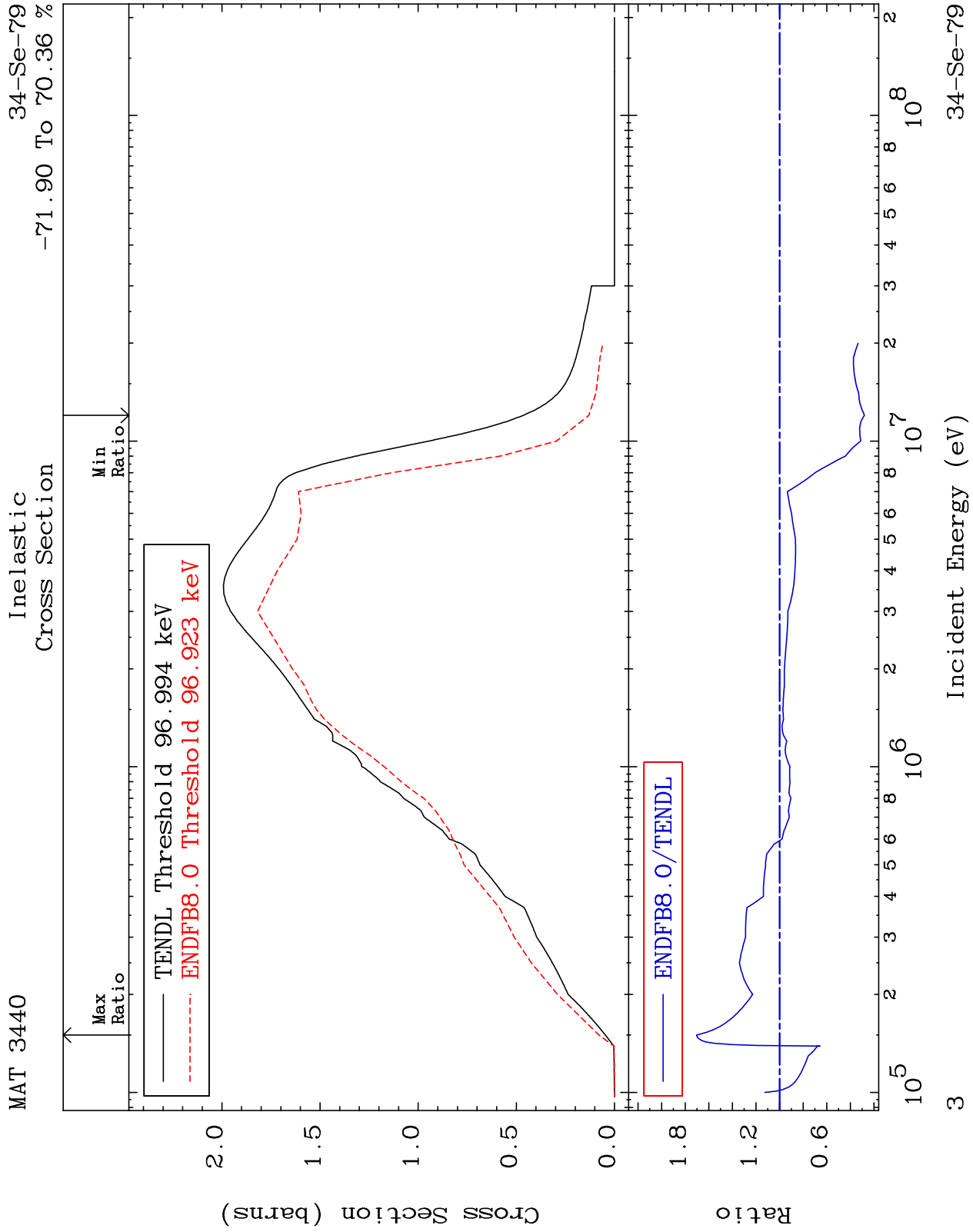
34-Se-79

Cross Section

-84.31 To 26.89 %







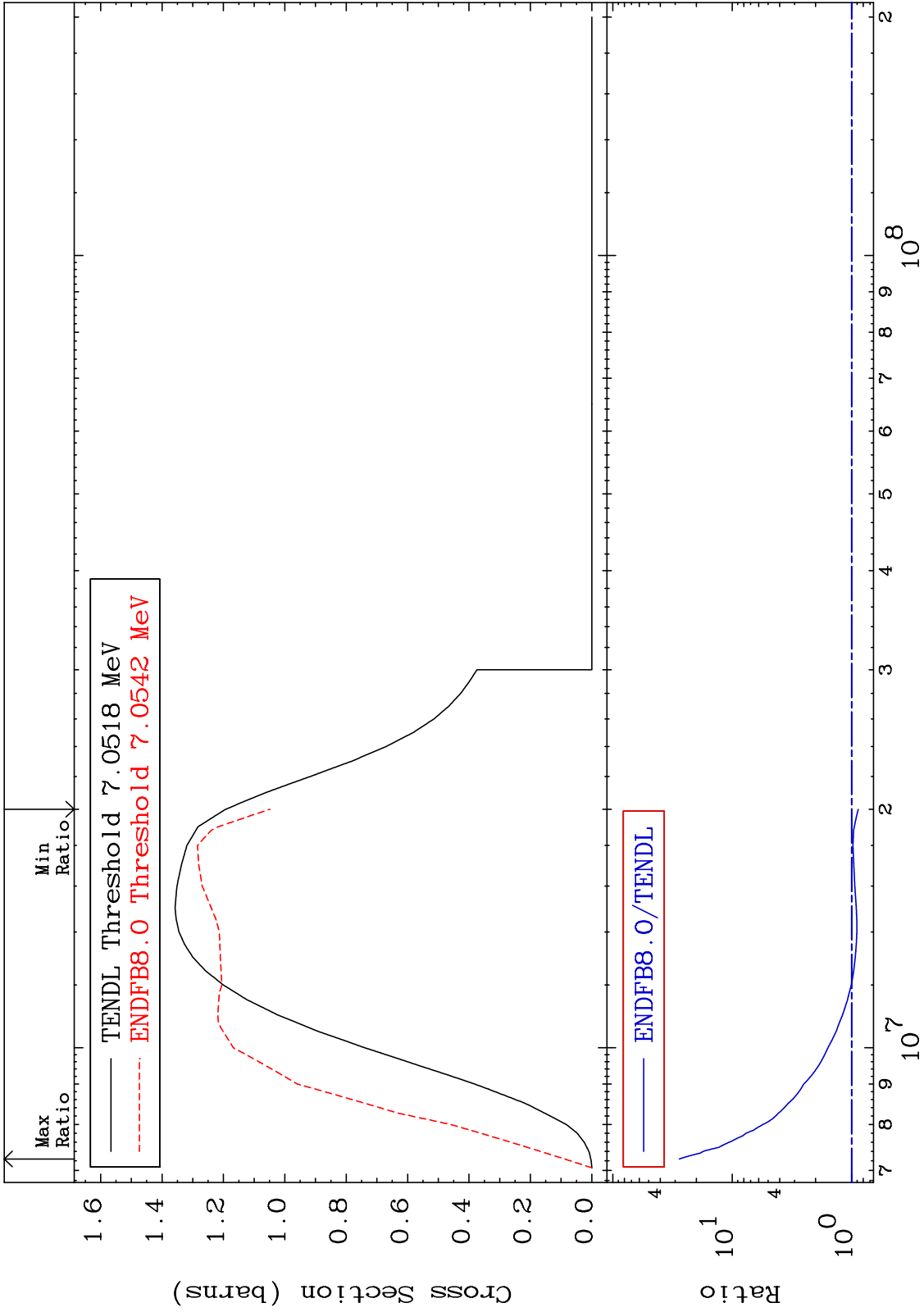
MAT 3440

(n,2n)

34-Se-79

Cross Section

-12.09 To 2671. %

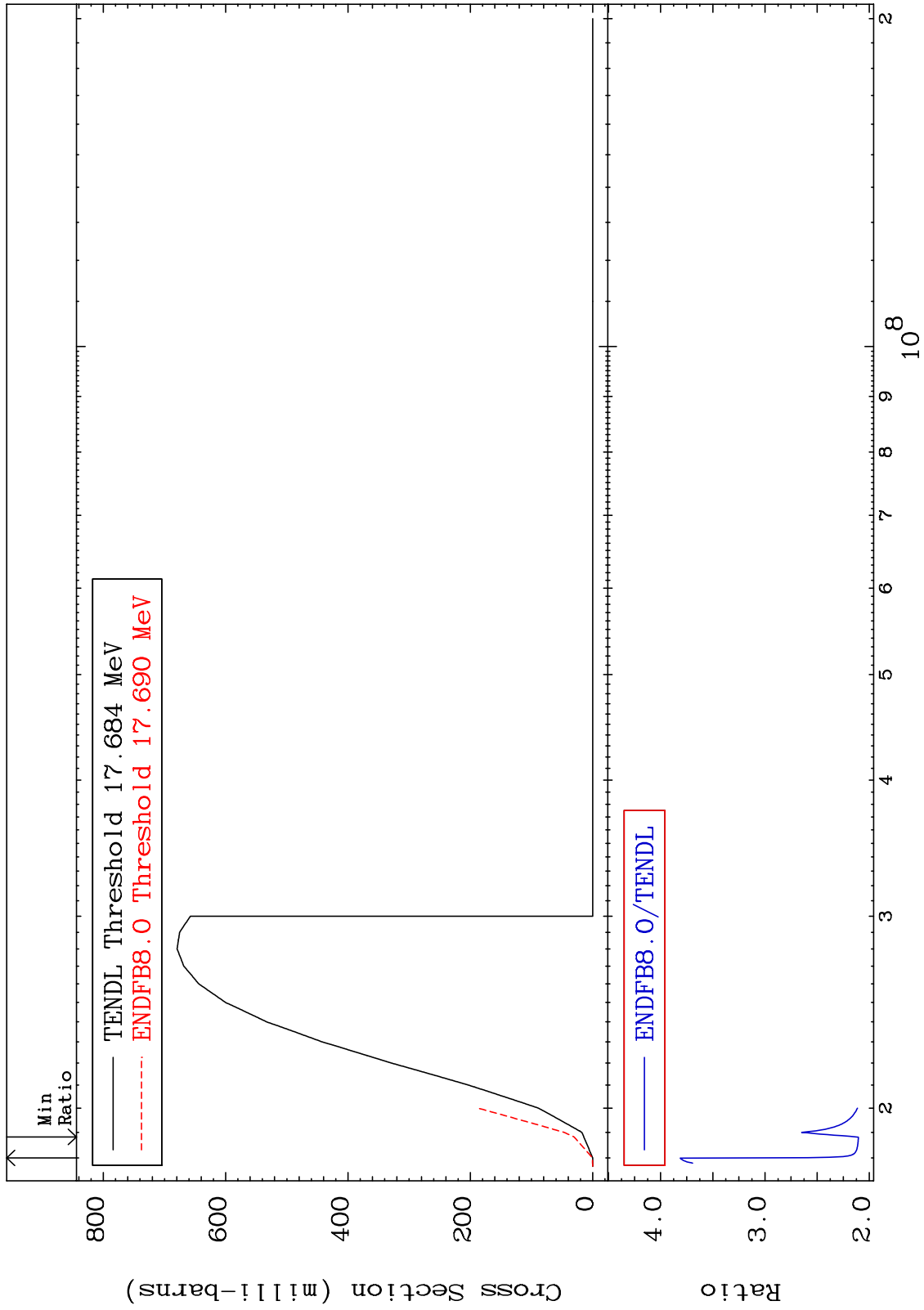


4

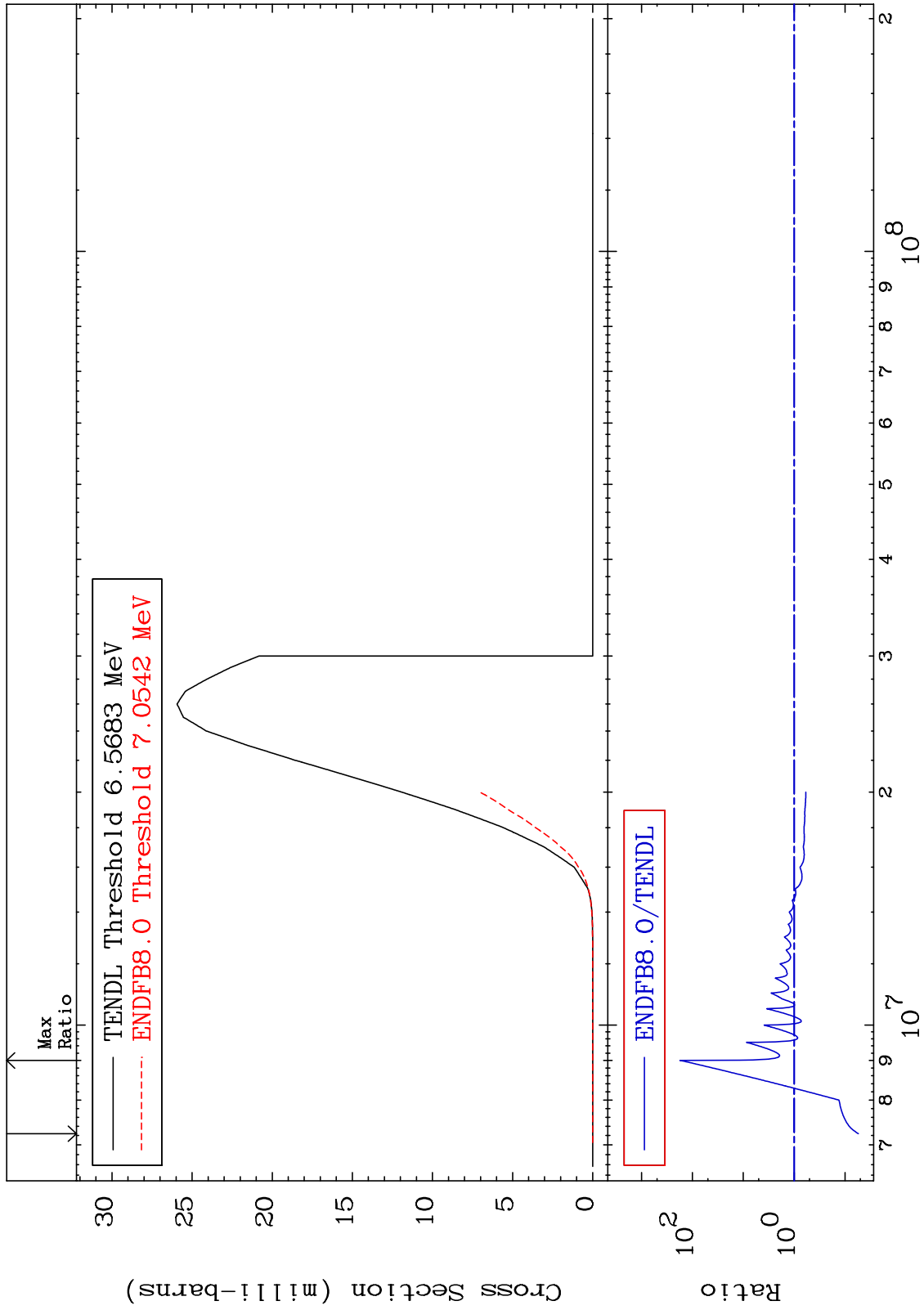
Incident Energy (eV)

34-Se-79

MAT 3440 (n,3n) Cross Section 34-Se-79 To 281.4 %  
110.5



MAT 3440  $(n, n') \alpha$  Cross Section 34-Se-79  
-94.56 To 9999. %

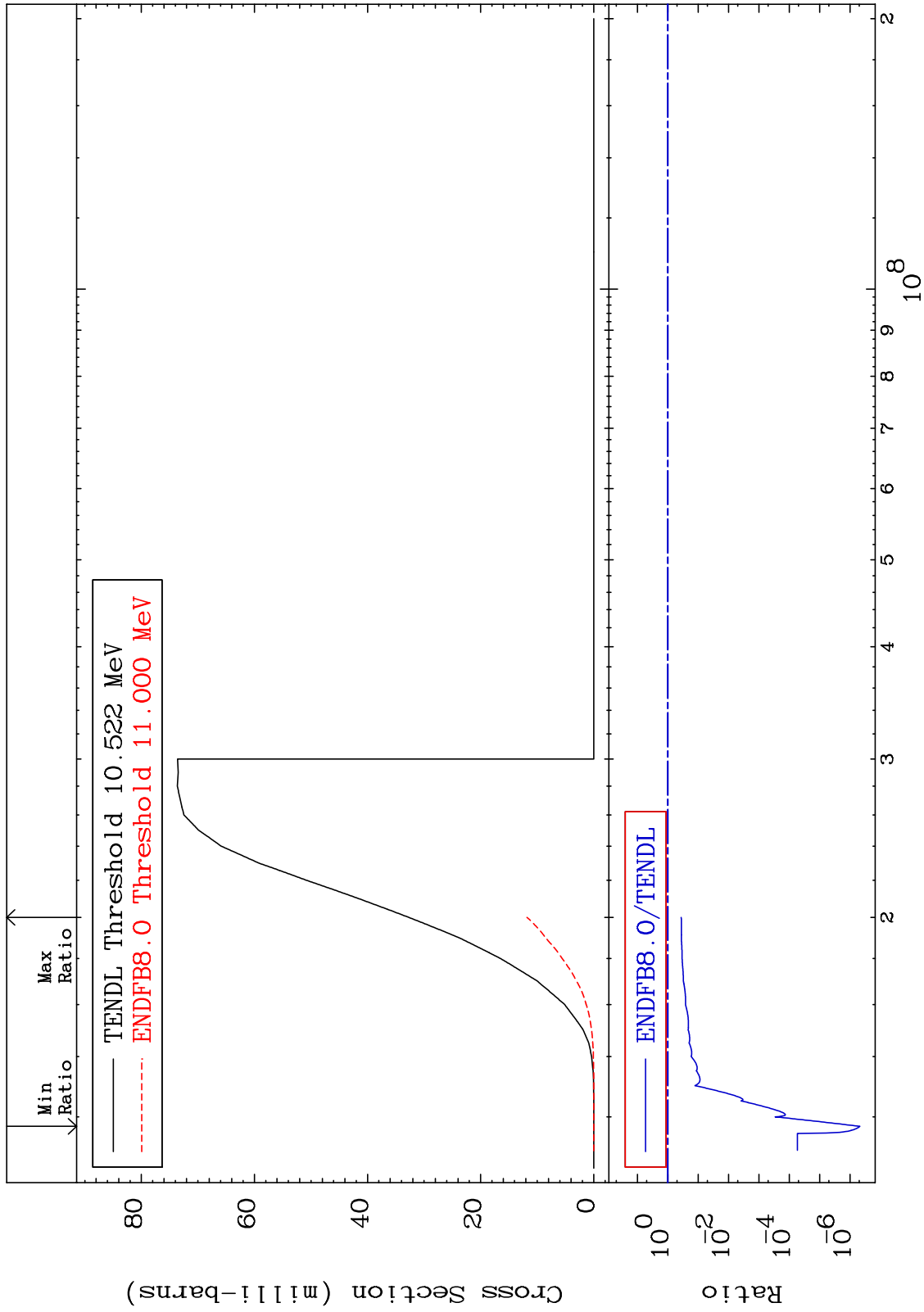


6 Incident Energy (eV) 34-Se-79

MAT 3440

(n,n') p  
Cross Section

<sup>34</sup>Se-79  
-100.0 To -63.92%





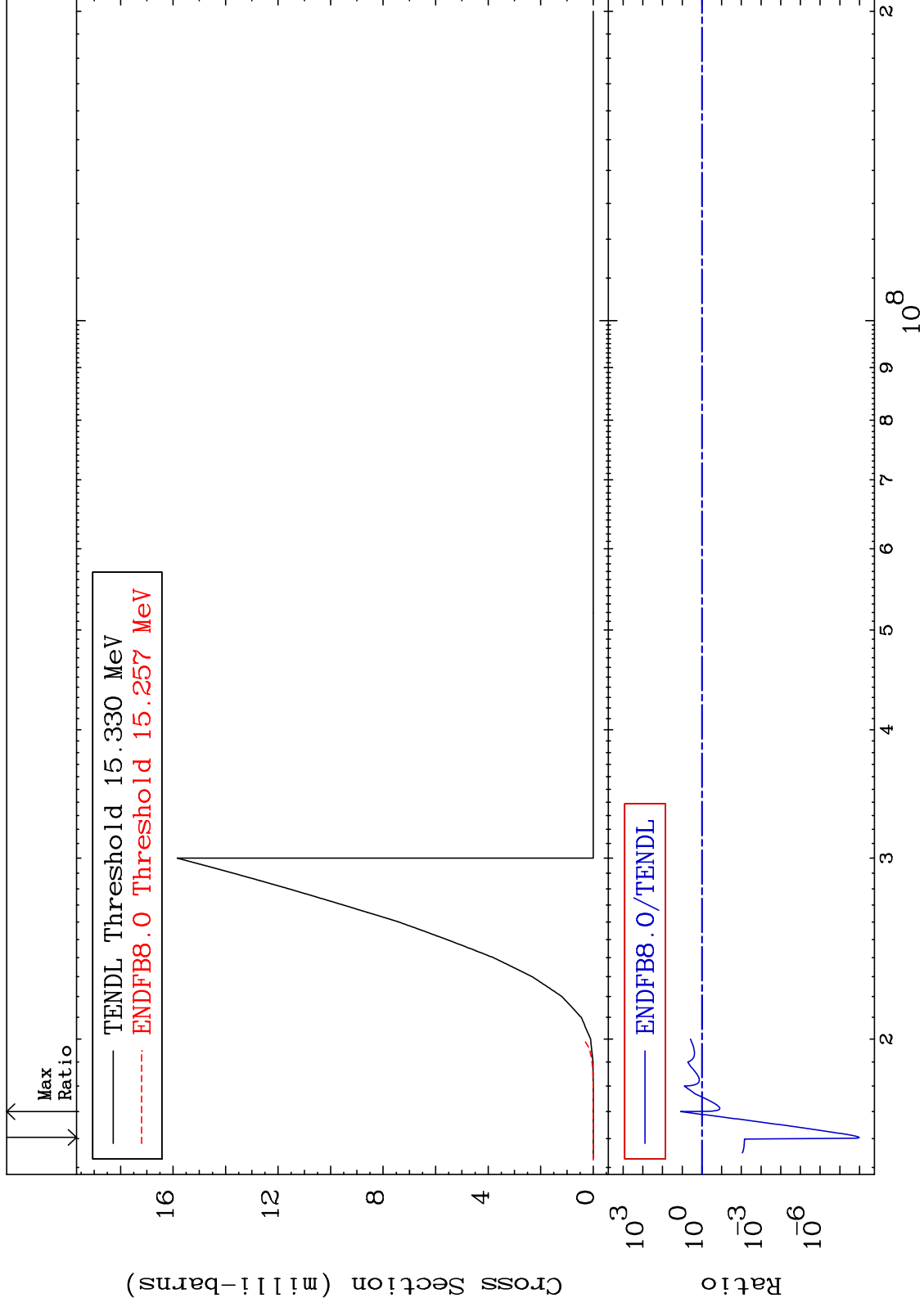
MAT 3440

(n,n') d

<sup>34</sup>Se-79

Cross Section

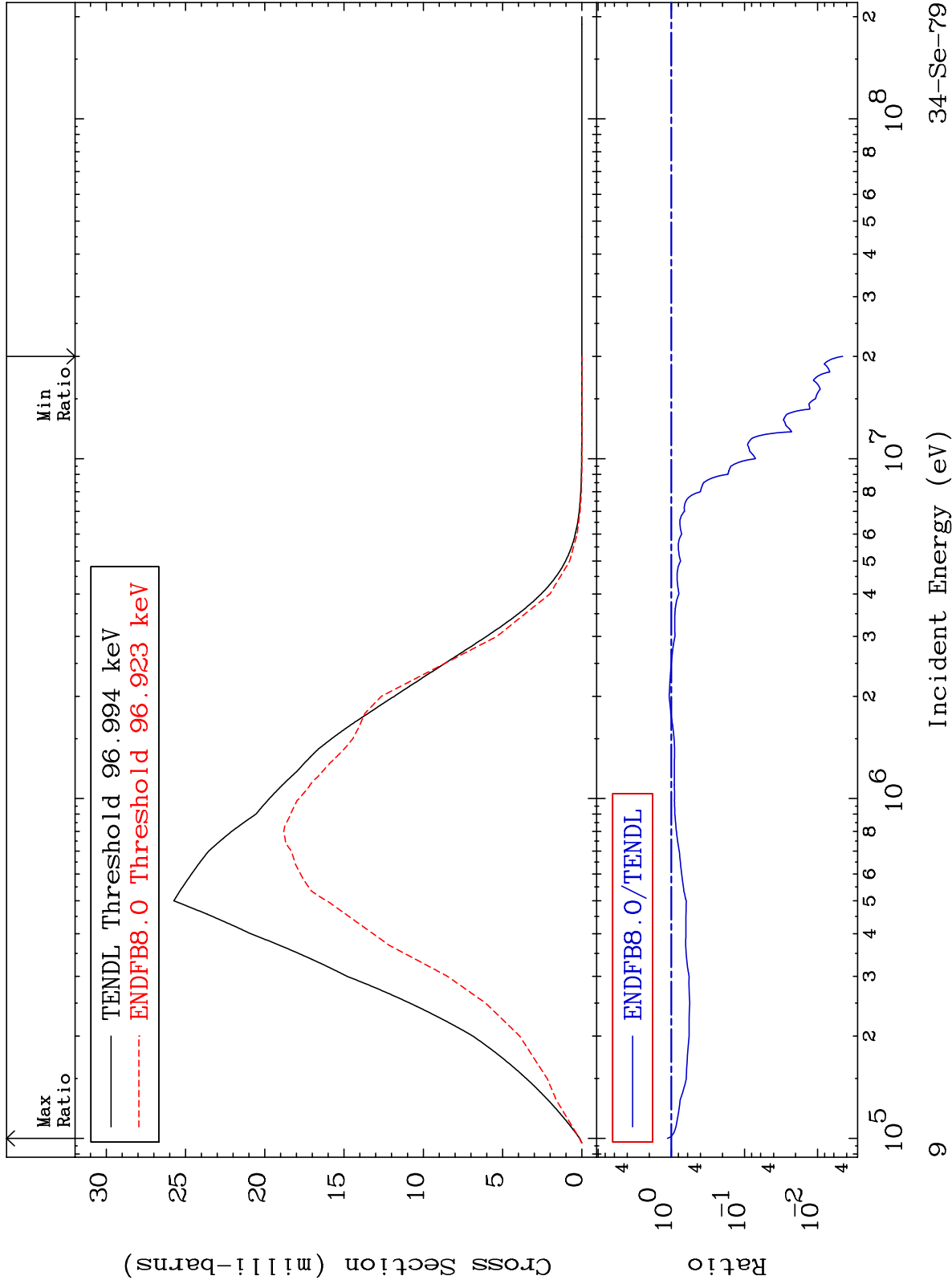
-100.0 To 1103. %



MAT 3440

MT= 51 (n,n') Level  
Cross Section

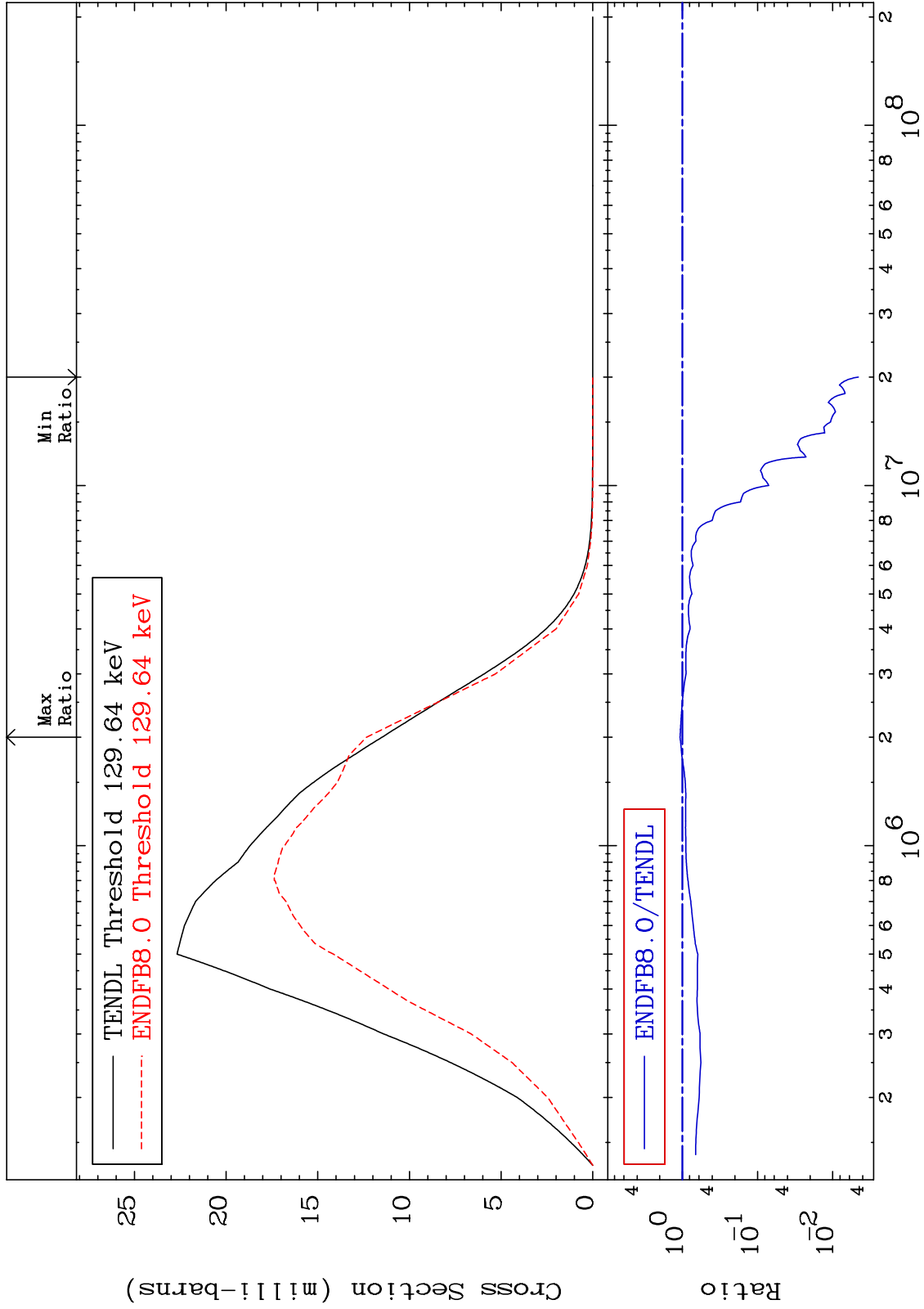
34-Se-79  
-99.55 To 12.46 %



MAT 3440

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

34-Se-79  
-99.54 To 7.423 %



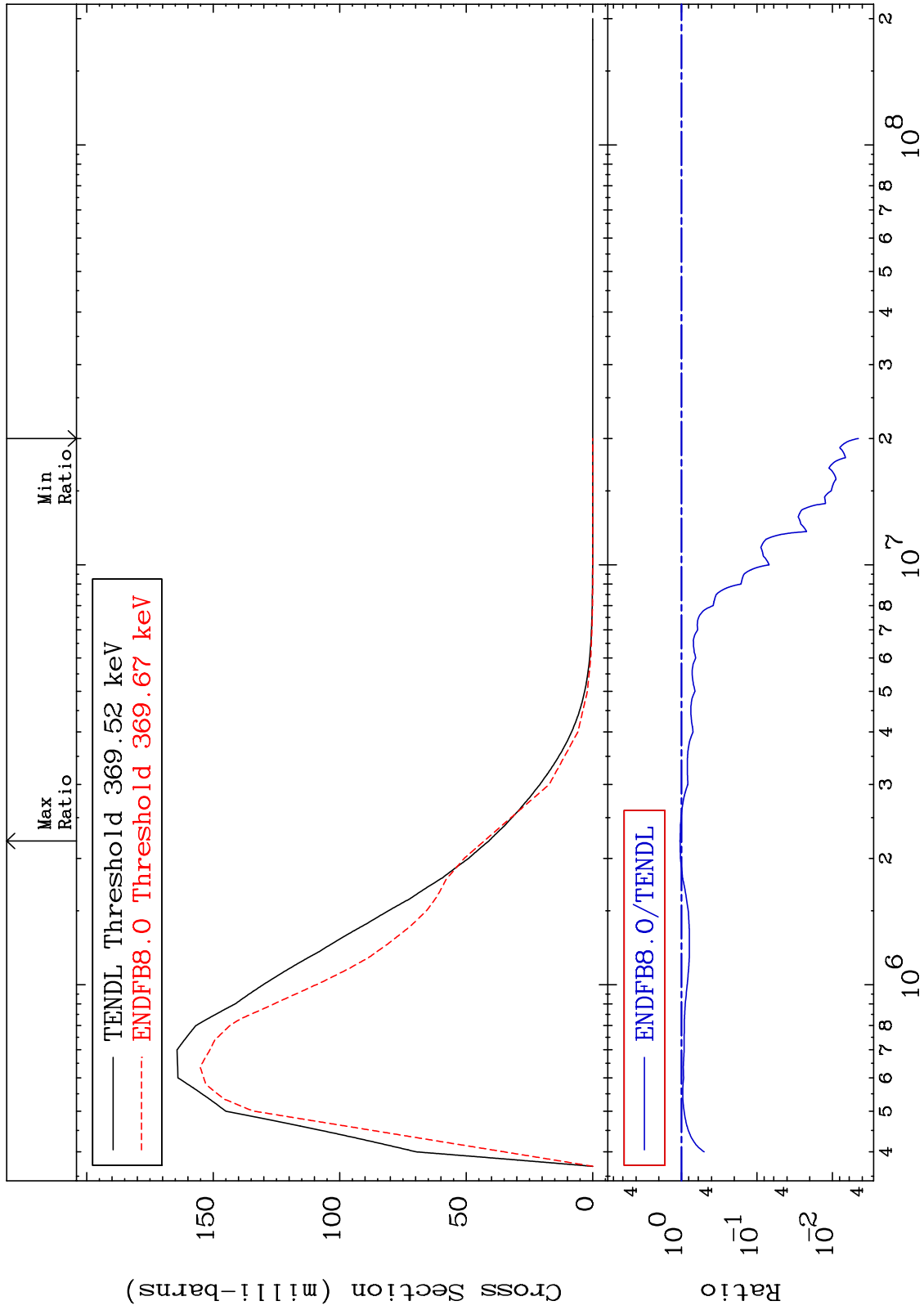
10

Incident Energy (eV)

34-Se-79



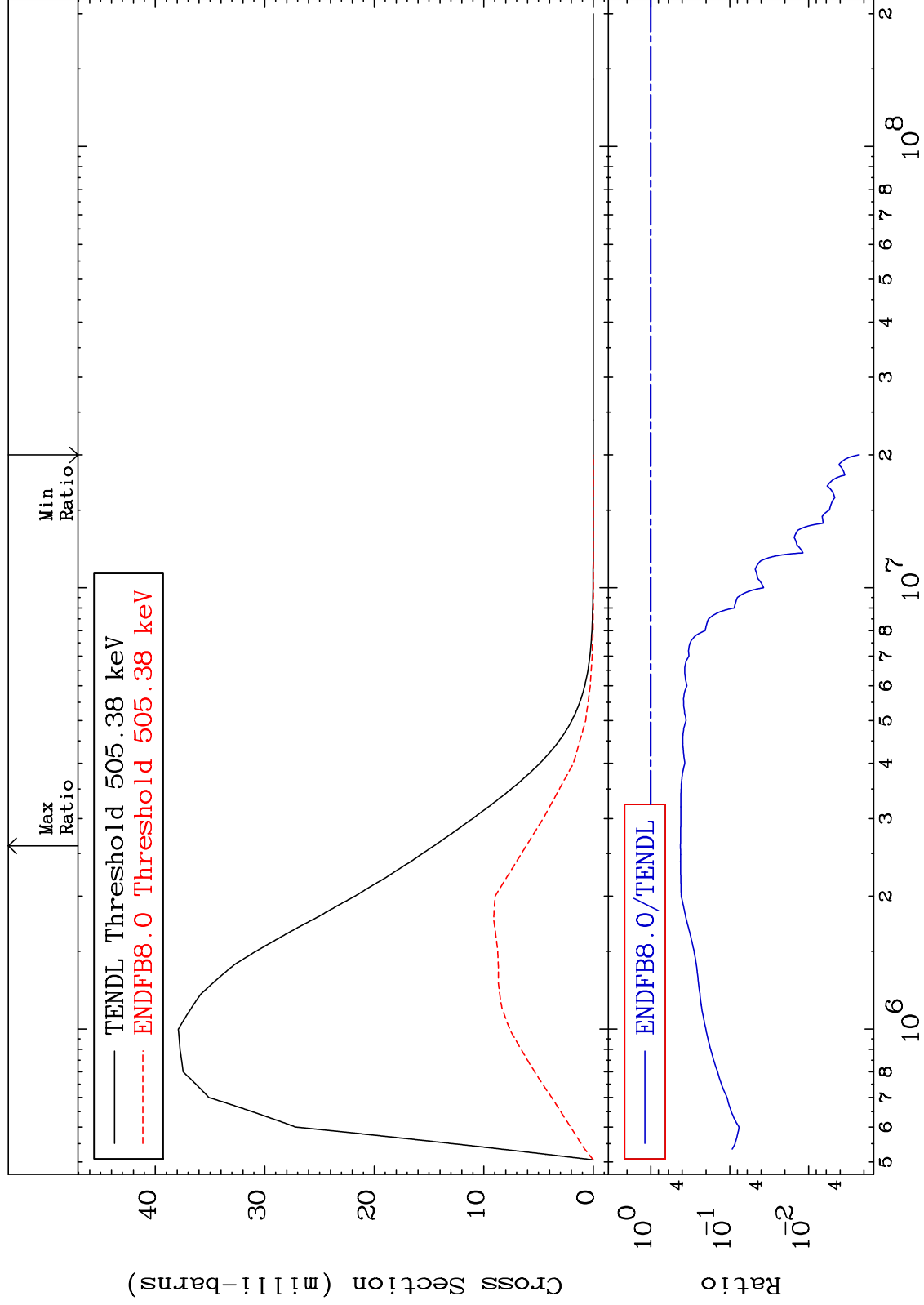
MAT 3440 MT= 54 (n,n') Level Cross Section 34-Se-79 -99.55 To 4.510 %



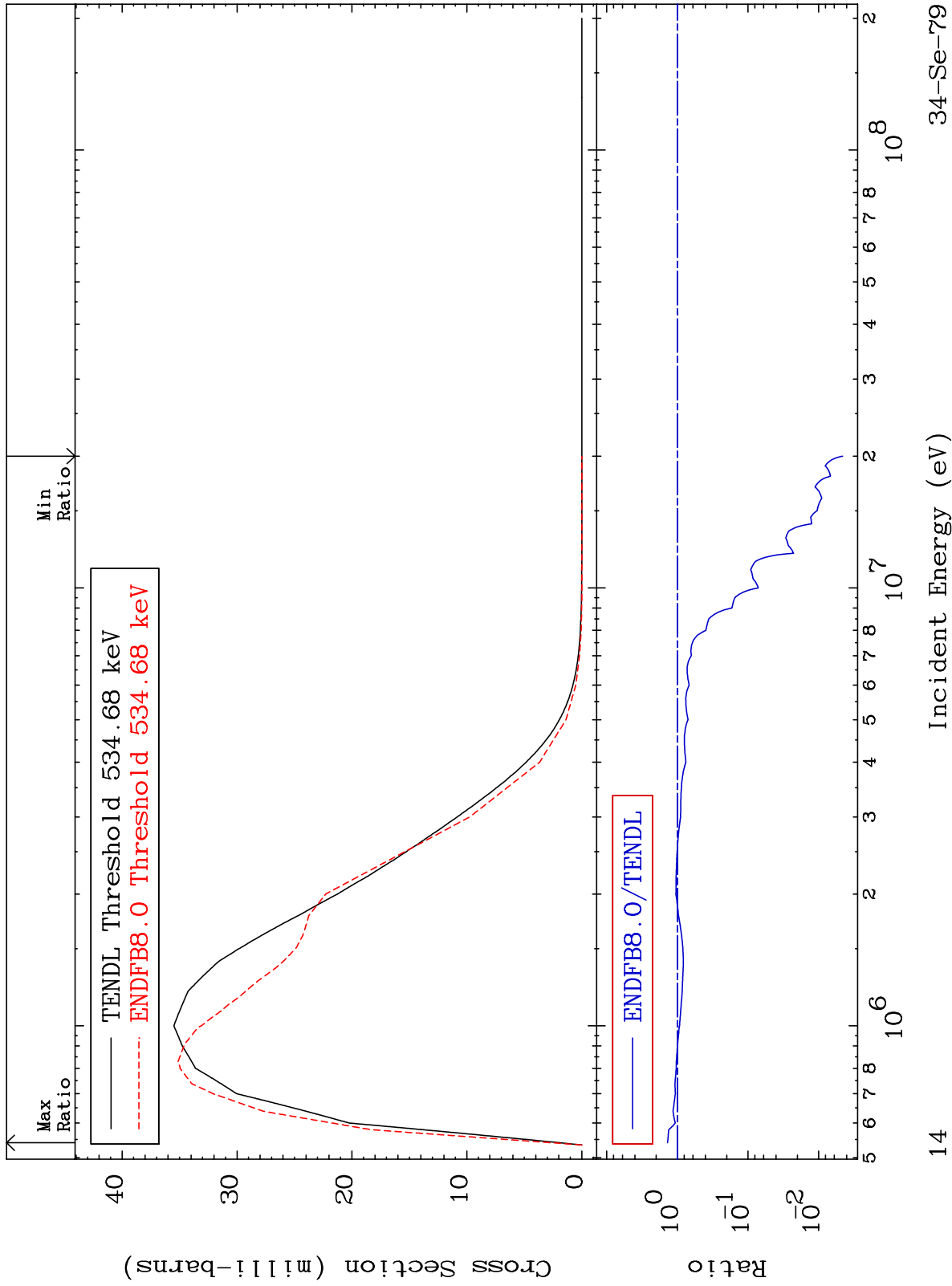
MAT 3440

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

34-Se-79  
-99.77 To -57.88%



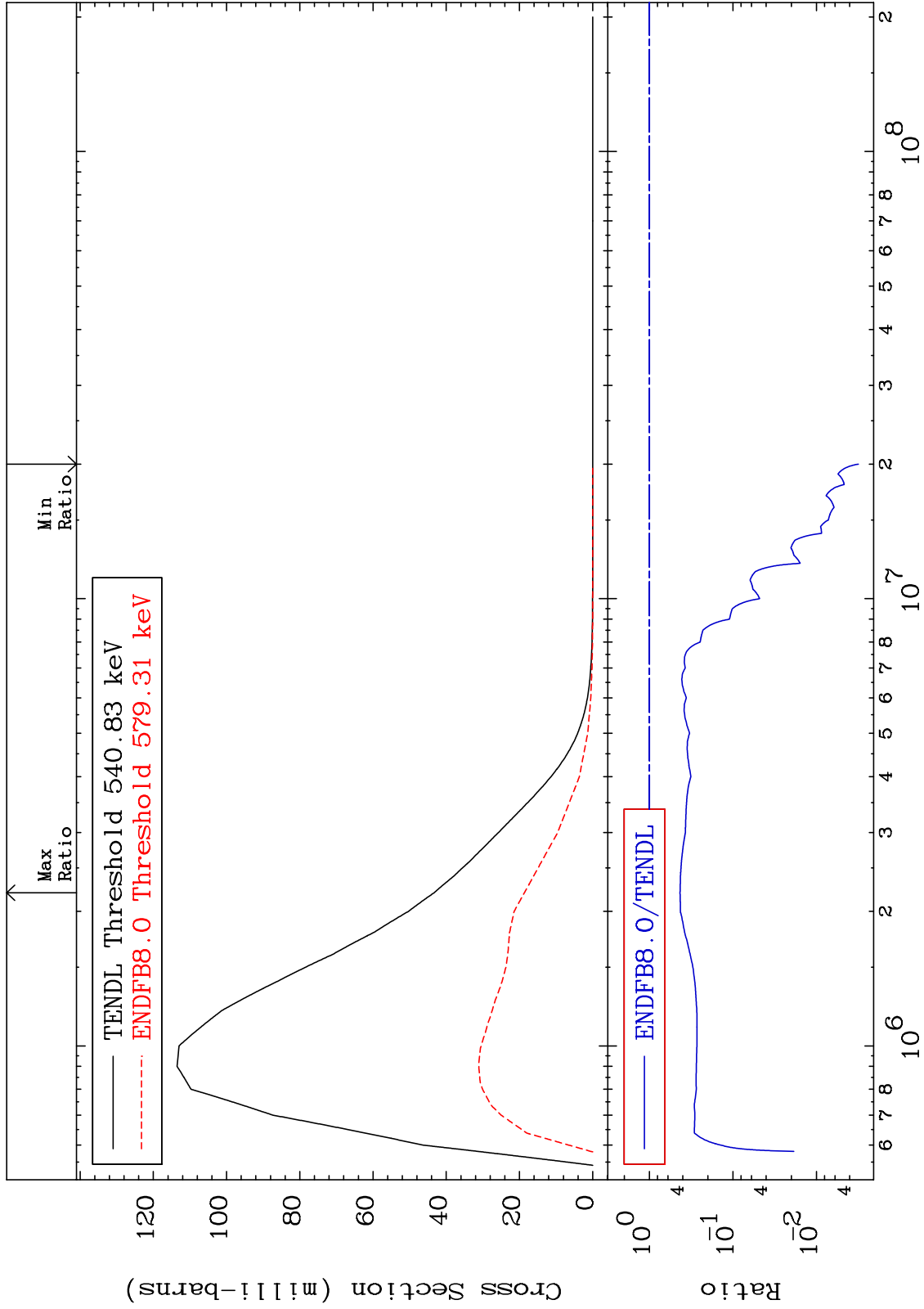
MAT 3440 MT= 56 (n,n') Level Cross Section -99.54 To 37.75 % 34-Se-79



MAT 3440

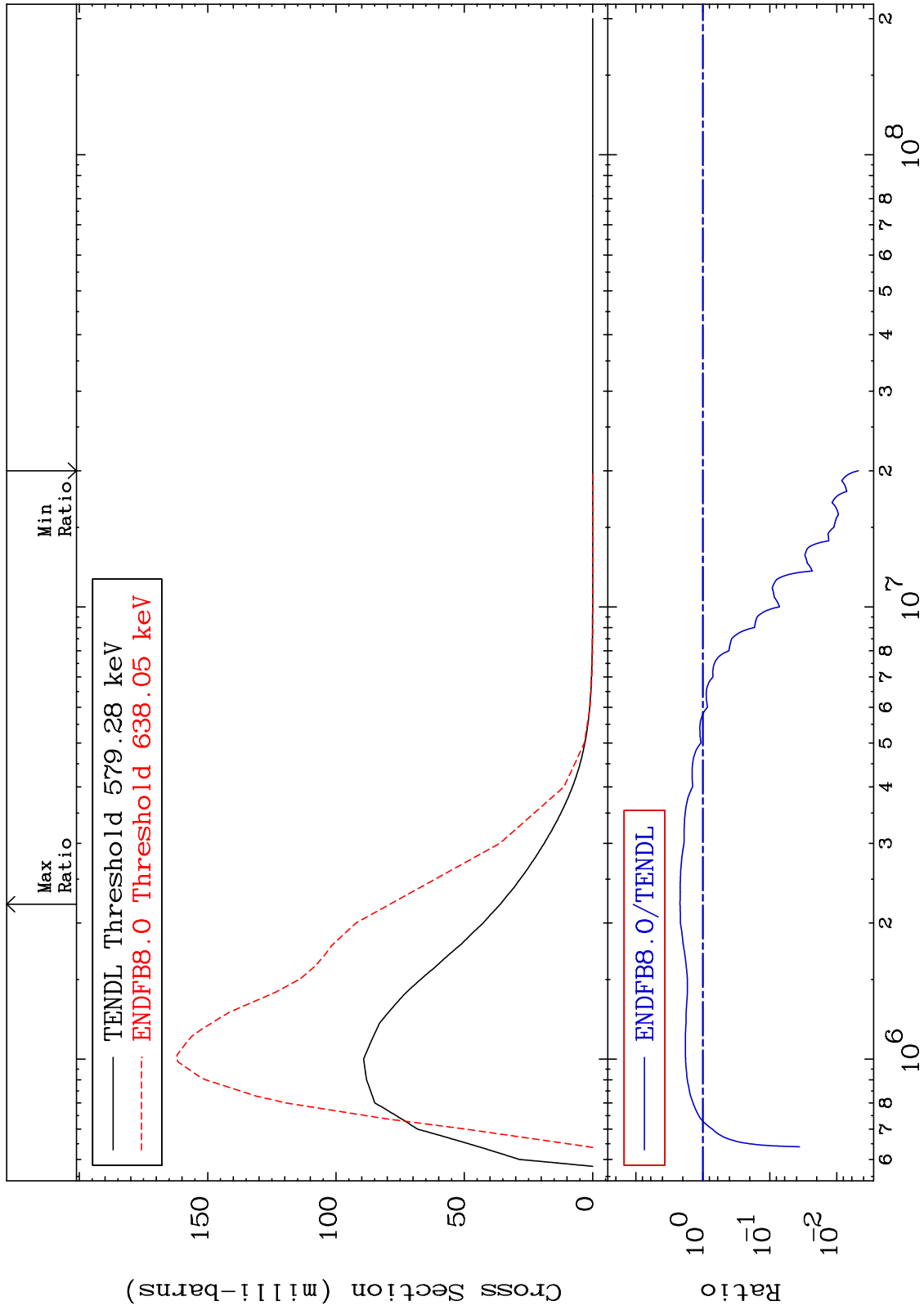
MT= 57 (n,n') Level  
Cross Section

34-Se-79  
-99.69 To -56.92%



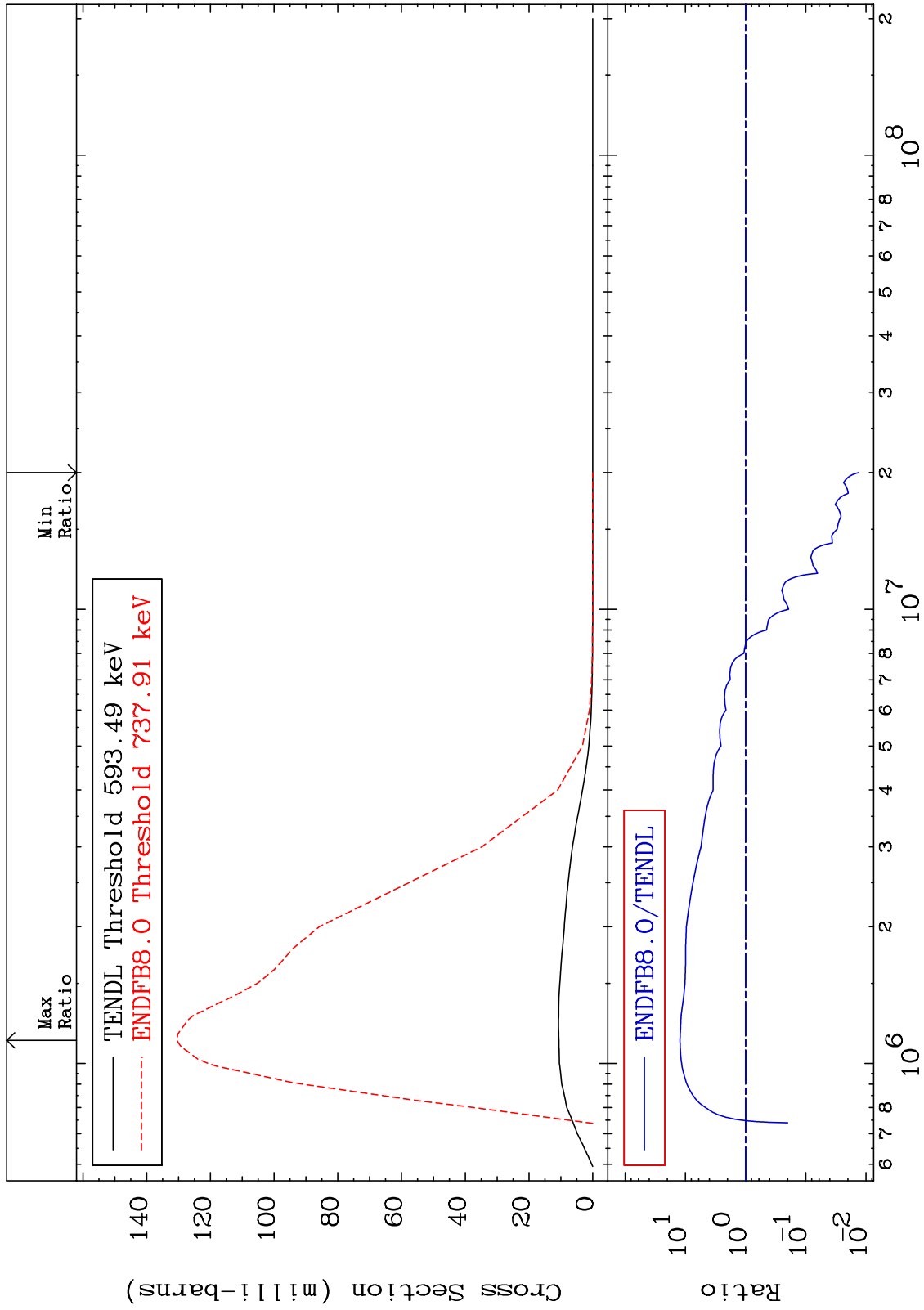


MAT 3440 MT= 58 (n,n') Level Cross Section 34-Se-79 -99.52 To 119.7 %



16 Incident Energy (eV) 34-Se-79

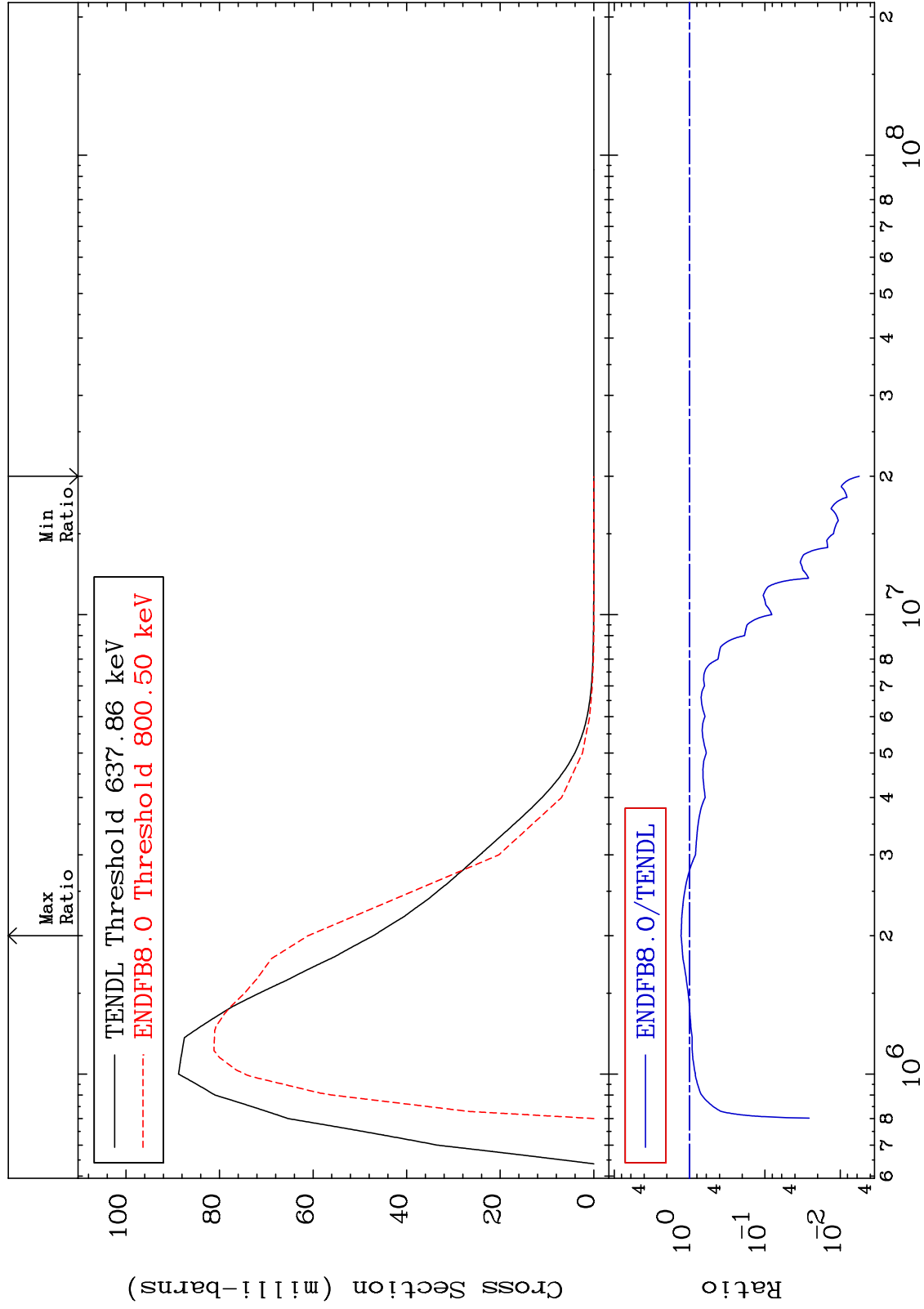
MAT 3440 MT= 59 (n,n') Level Cross Section 34-Se-79 -98.66 To 1127. %



MAT 3440

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

34-Se-79  
-99.44 To 29.69 %

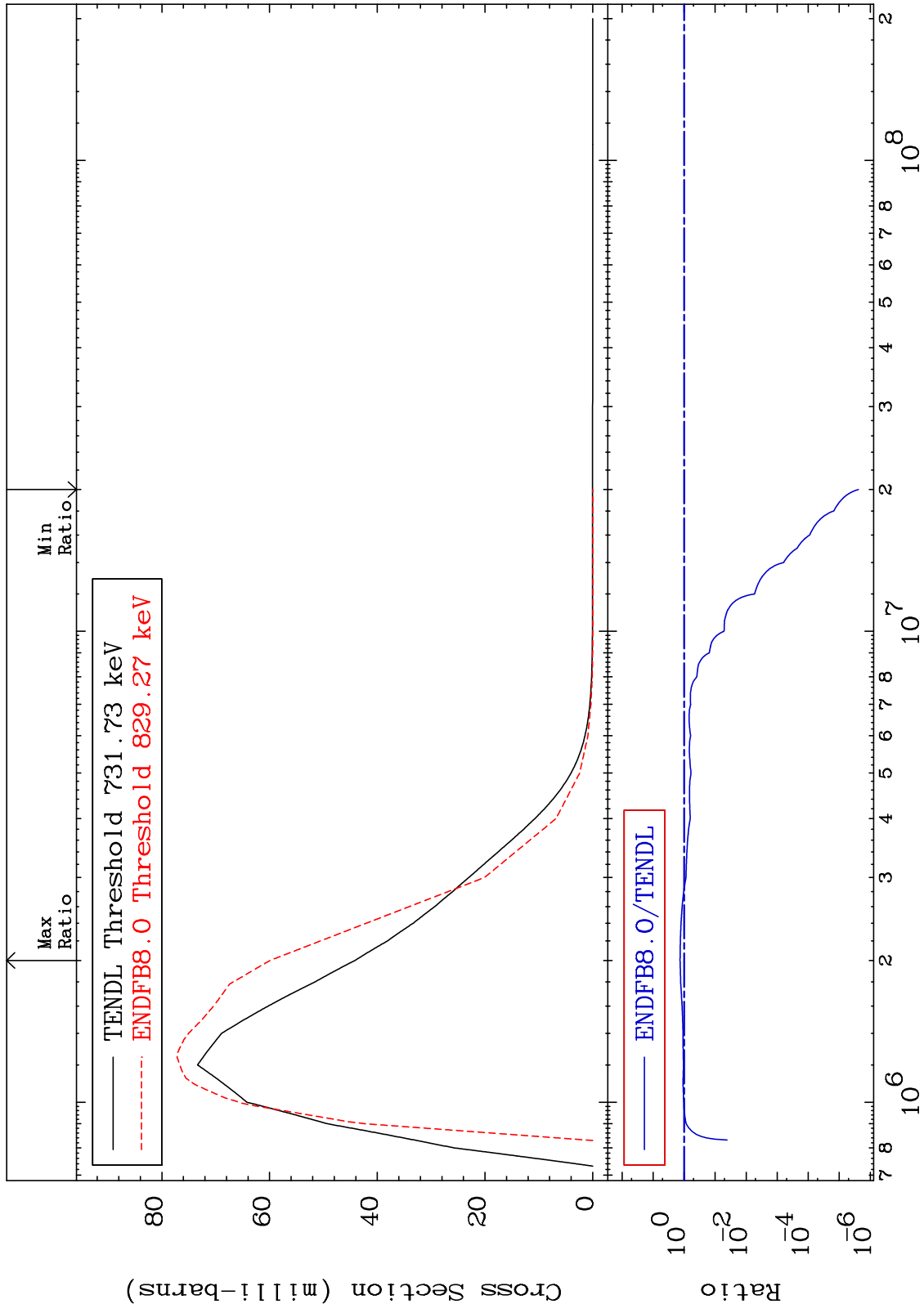


18

Incident Energy (eV)

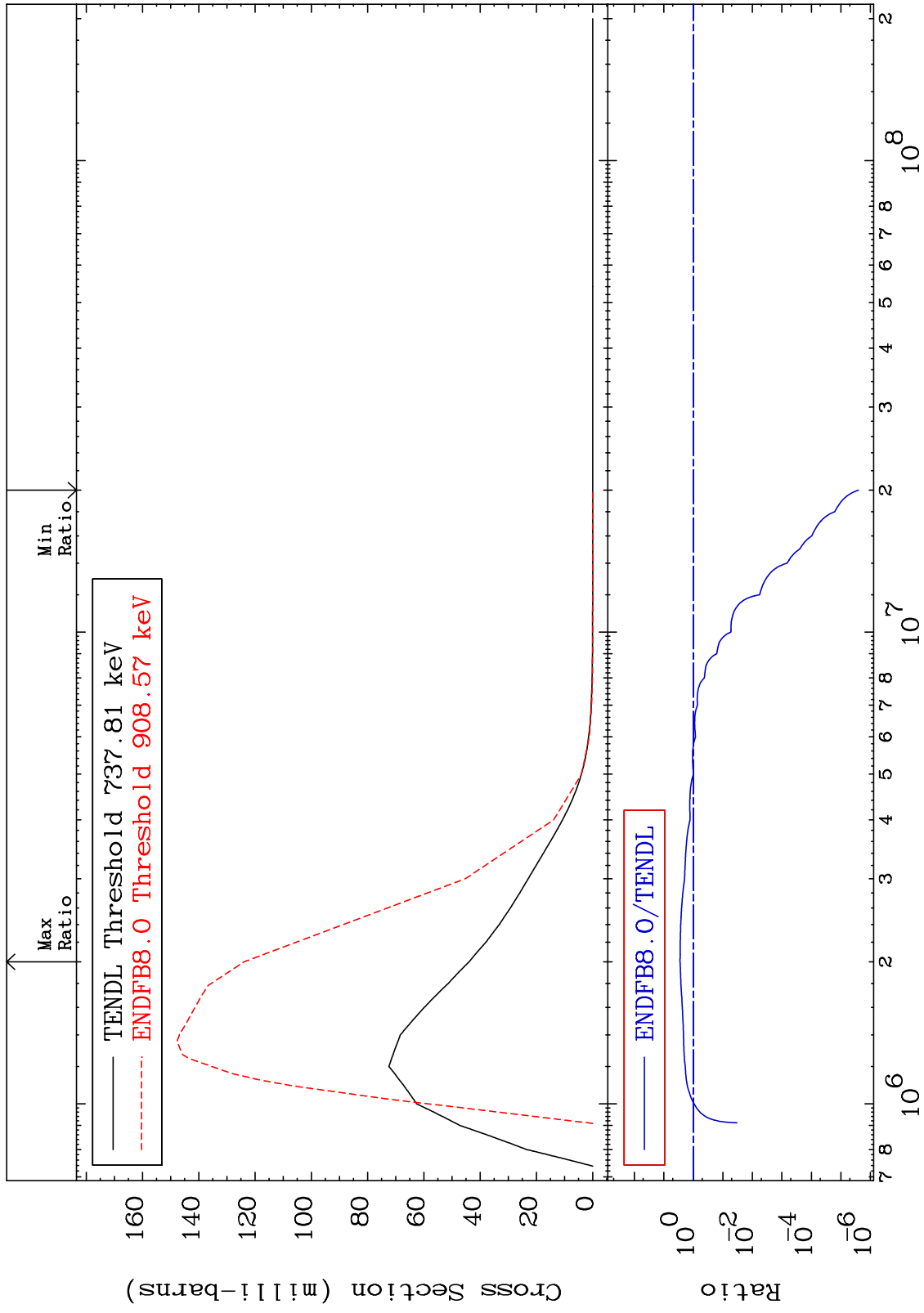
34-Se-79

MAT 3440 MT= 61 (n,n') Level Cross Section 34-Se-79  
 -100.0 To 35.73 %



19 Incident Energy (eV) 34-Se-79

MAT 3440 MT= 62 (n,n') Level Cross Section 34-Se-79  
 -100.0 To 181.9 %

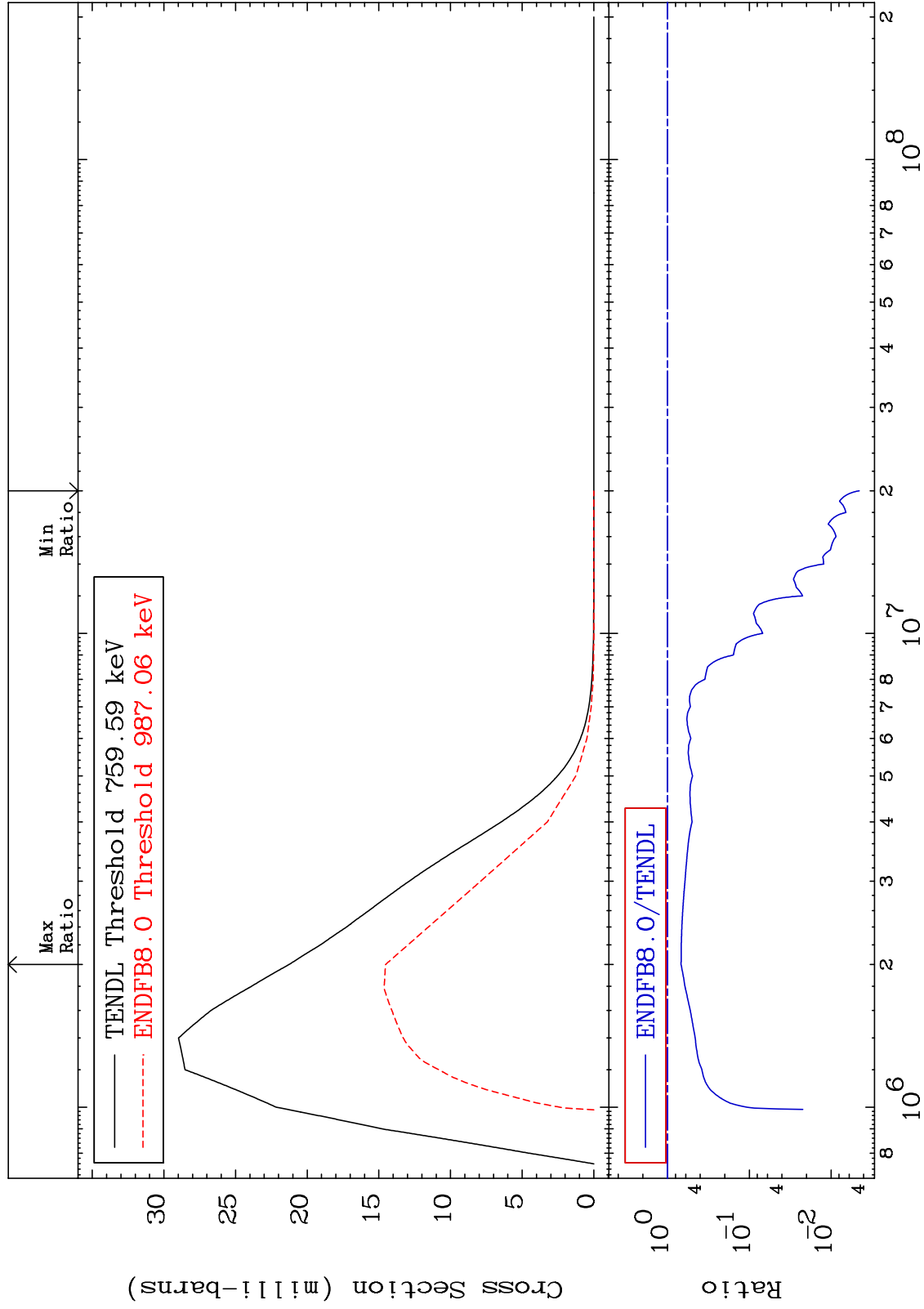


20 Incident Energy (eV) 34-Se-79

MAT 3440

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

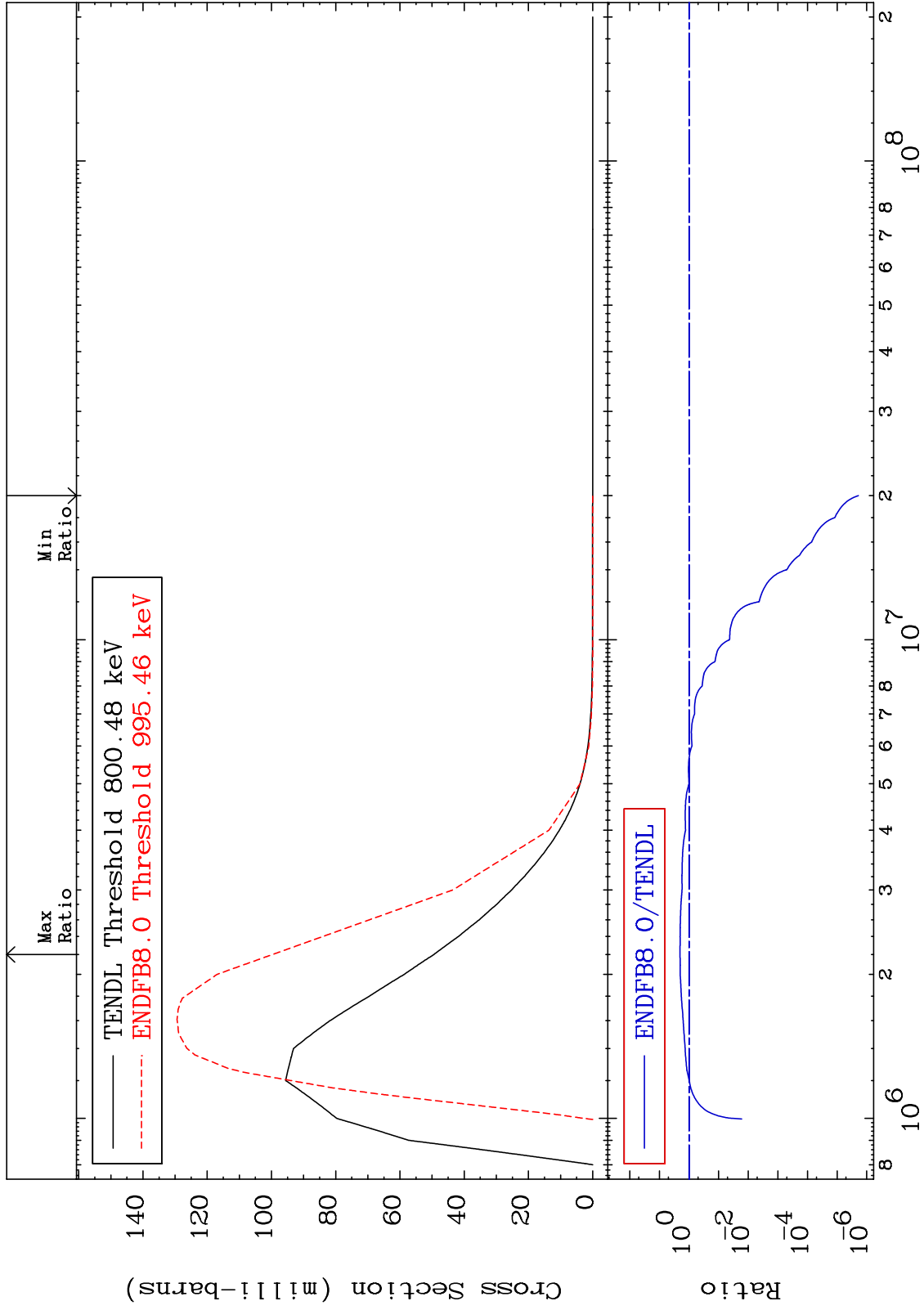
34-Se-79  
-99.55 To -31.65%



MAT 3440

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

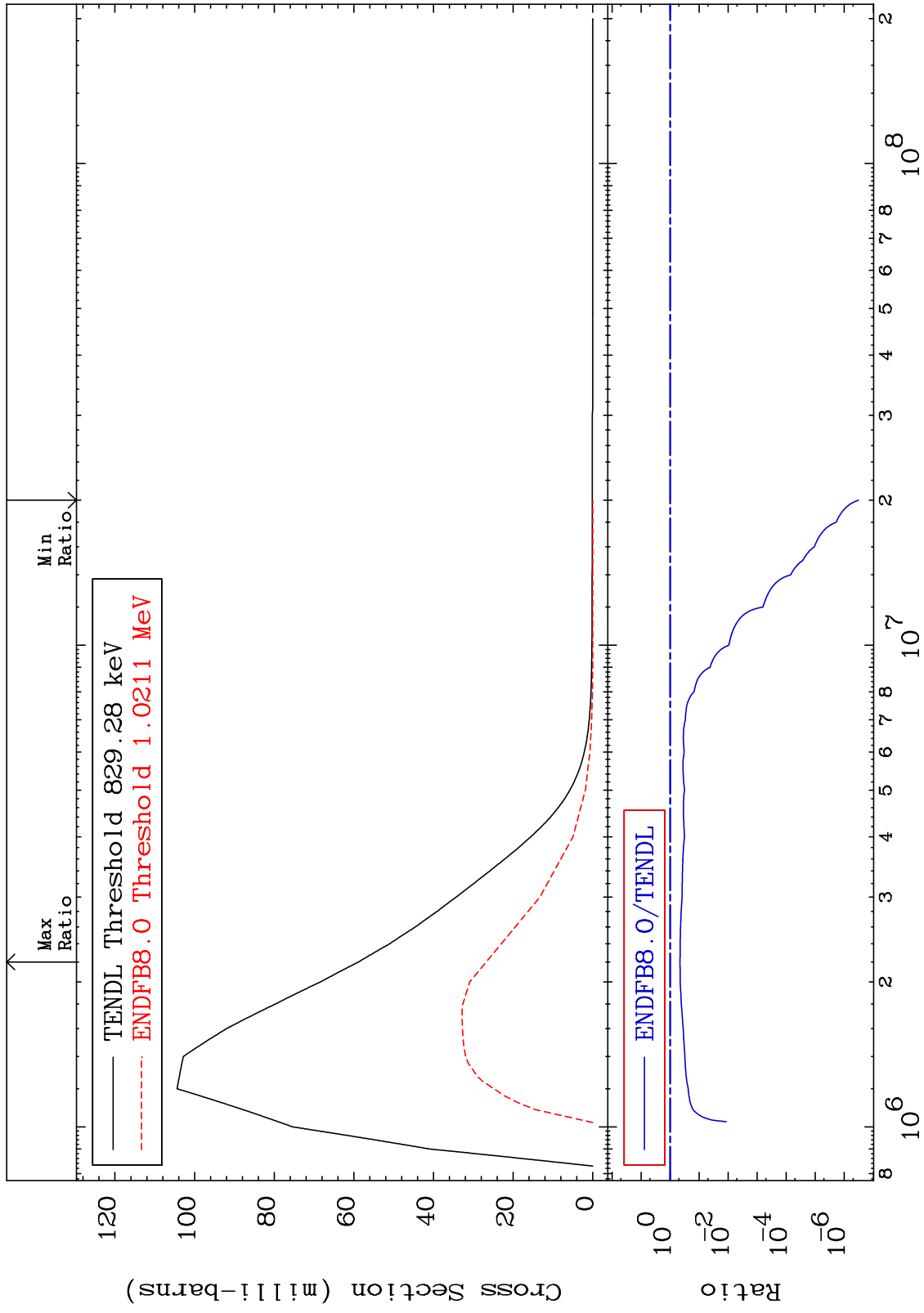
34-Se-79  
-100.0 To 101.7 %



MAT 3440

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

34-Se-79  
-100.0 To -54.53%



23

Incident Energy (eV)

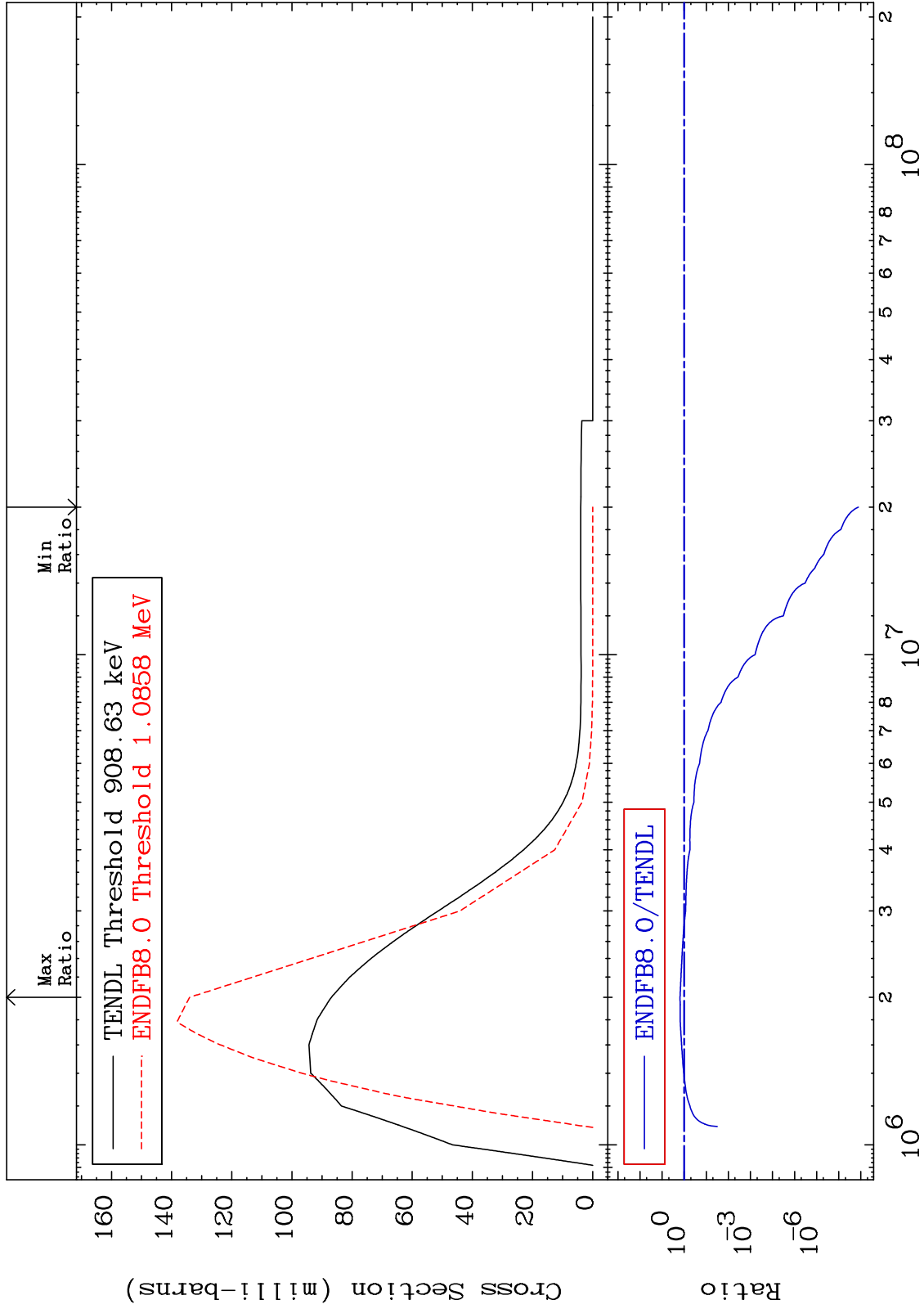
34-Se-79



MAT 3440

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

34-Se-79  
-100.0 To 54.24 %



24

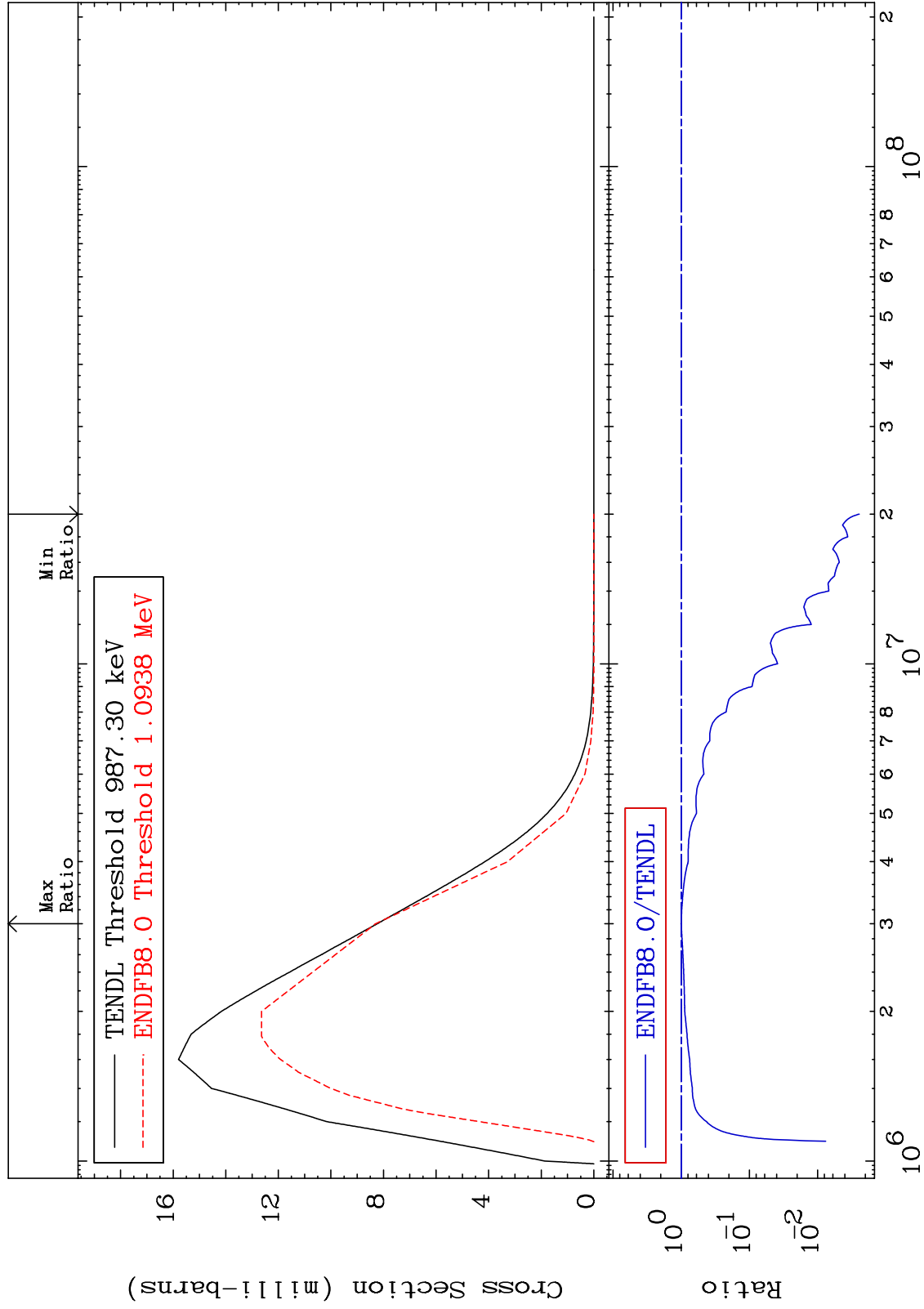
Incident Energy (eV)

34-Se-79

MAT 3440

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

34-Se-79  
-99.75 To 0.798 %

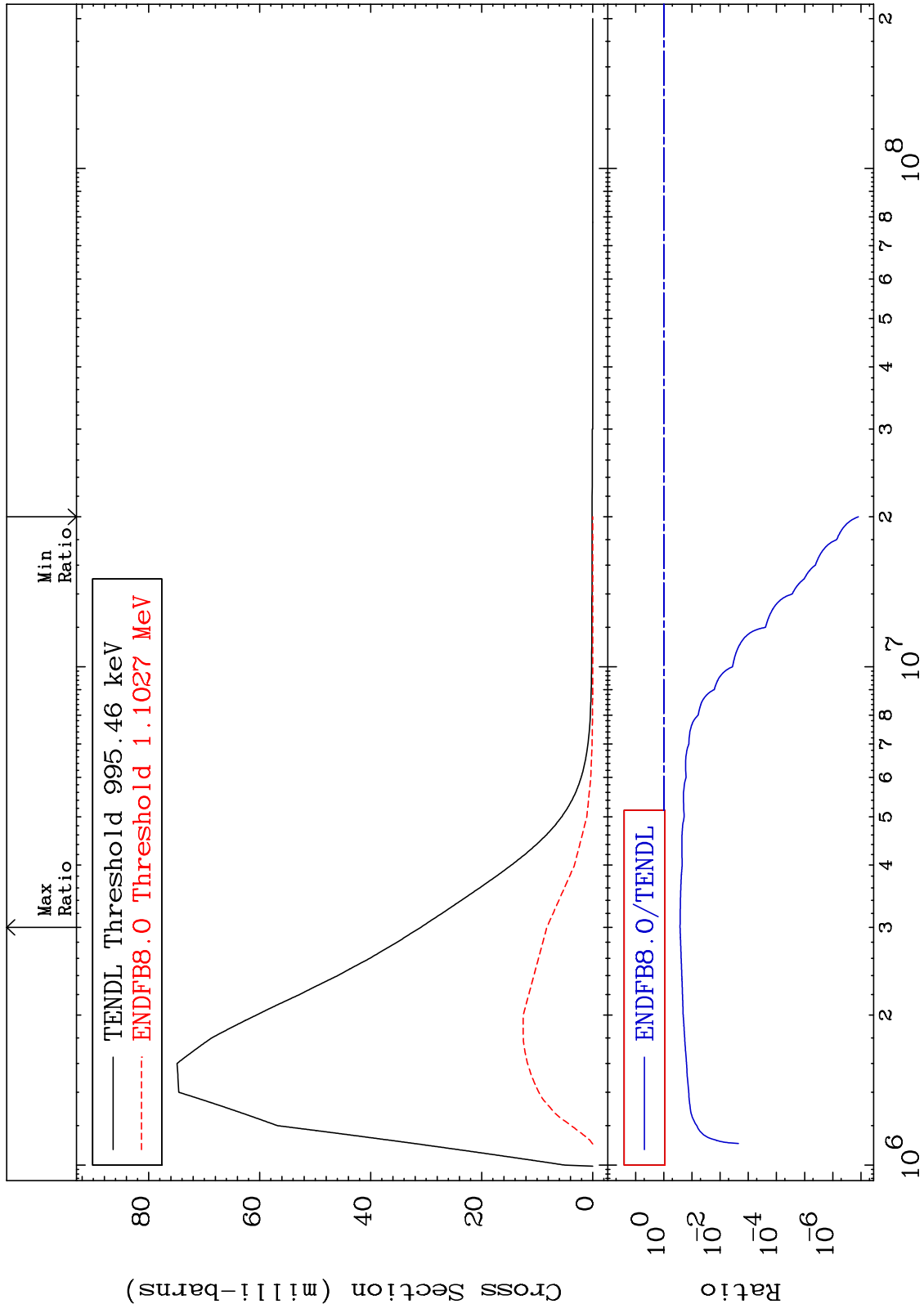


25

Incident Energy (eV)

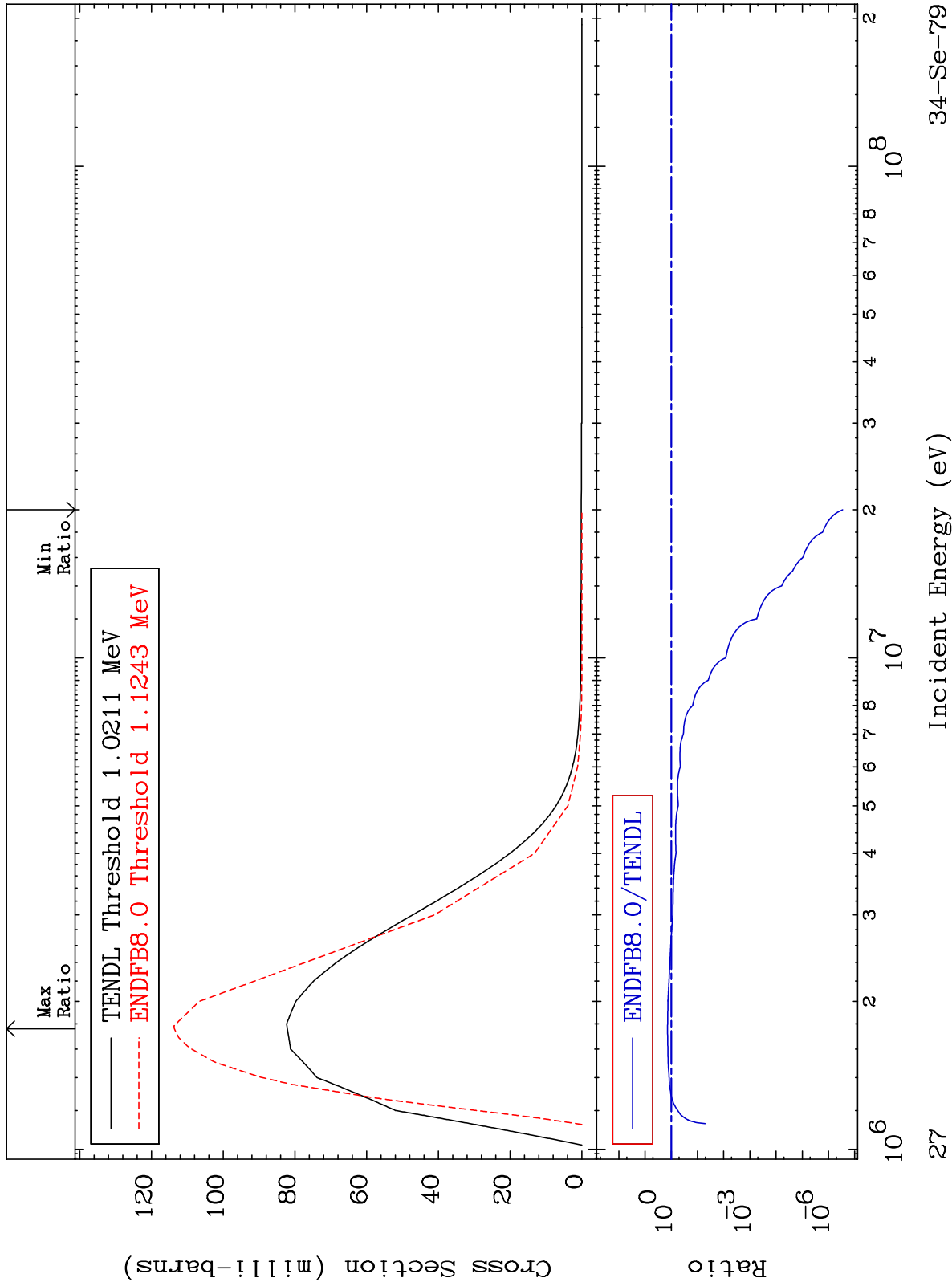
34-Se-79

MAT 3440 MT= 68 (n,n') Level Cross Section 34-Se-79  
 -100.0 To -73.34%

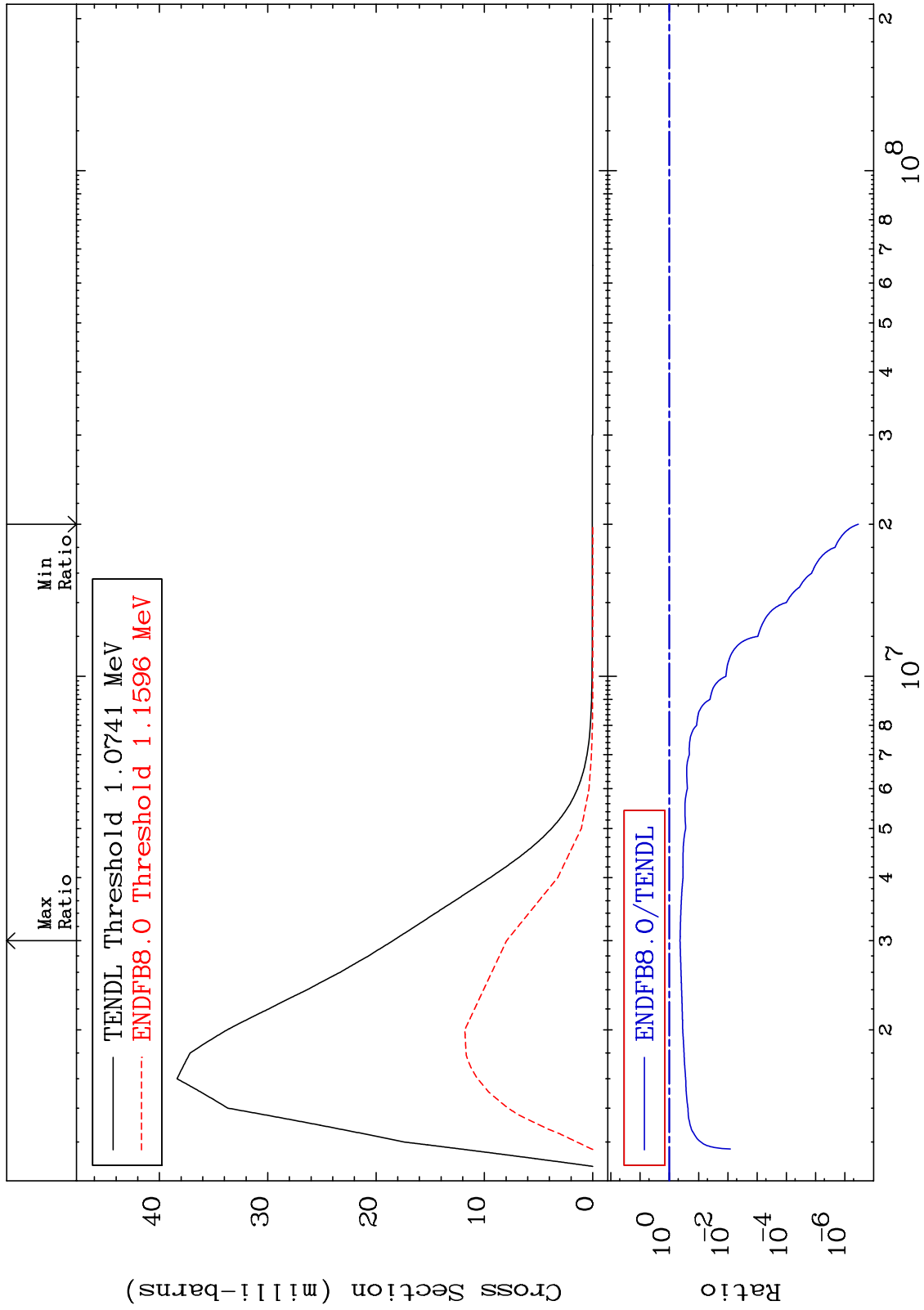


26 Incident Energy (eV) 34-Se-79

MAT 3440 MT= 69 (n, n') Level  
Cross Section 34-Se-79  
-100.0 To 38.36 %



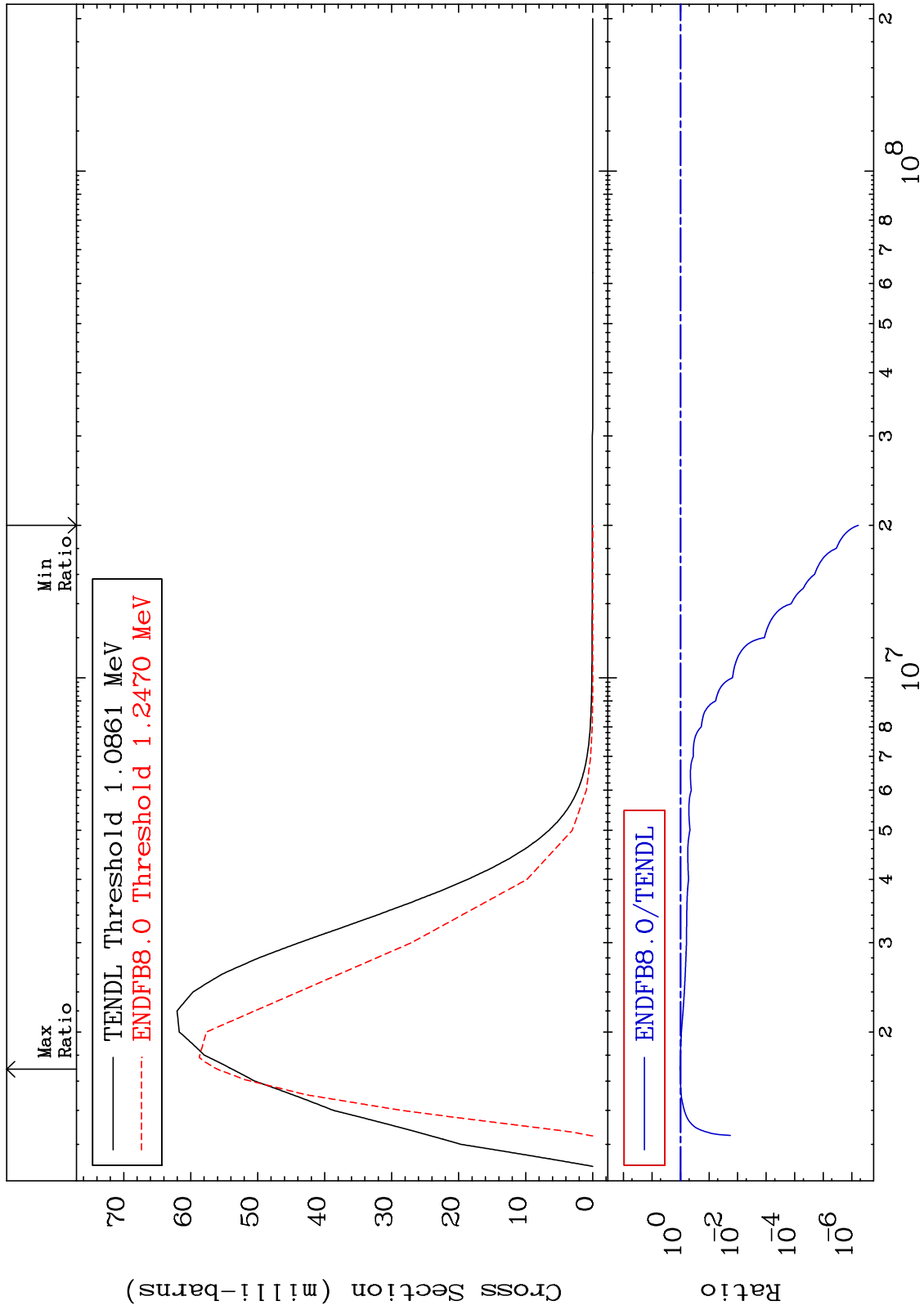
MAT 3440 MT= 70 (n,n') Level Cross Section 34-Se-79  
 -100.0 To -56.82%



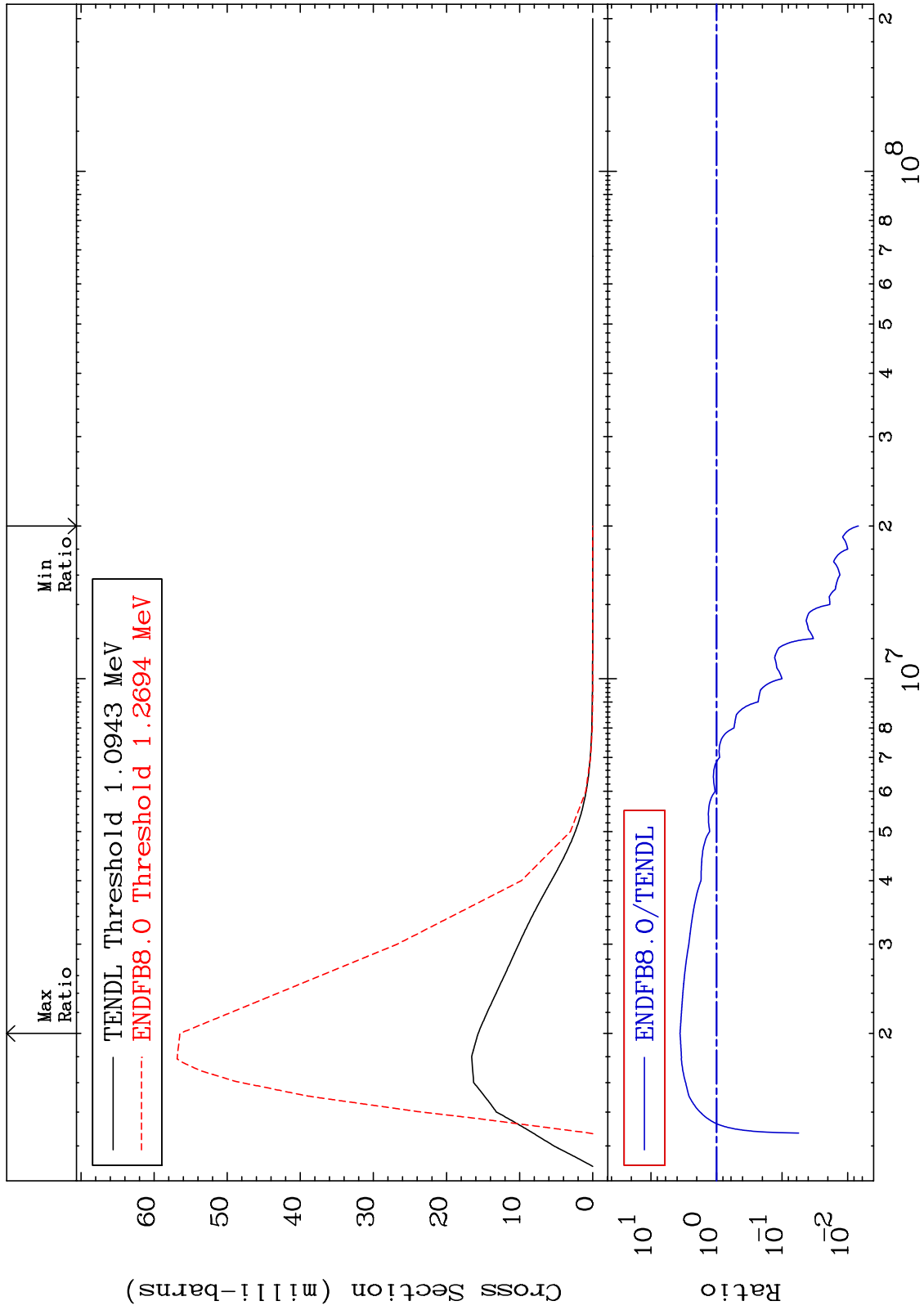
34-Se-79

Incident Energy (eV)

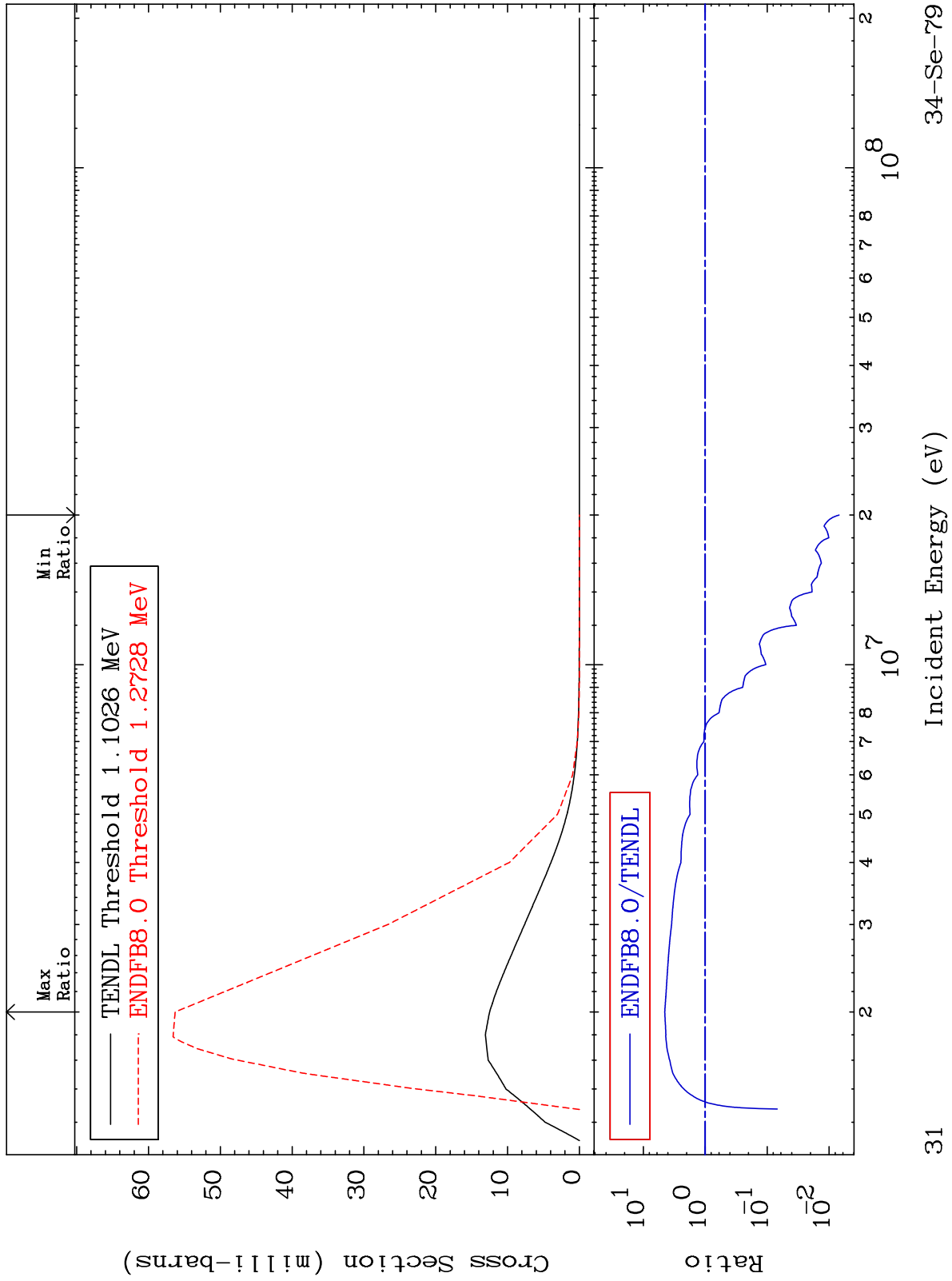
MAT 3440 MT= 71 (n,n') Level Cross Section 34-Se-79  
 -100.0 To 4.172 %



MAT 3440 MT= 72 (n,n') Level Cross Section 34-Se-79  
 -99.31 To 260.4 %



MAT 3440 MT= 73 (n, n') Level Cross Section 34-Se-79  
 -99.31 To 350.2 %

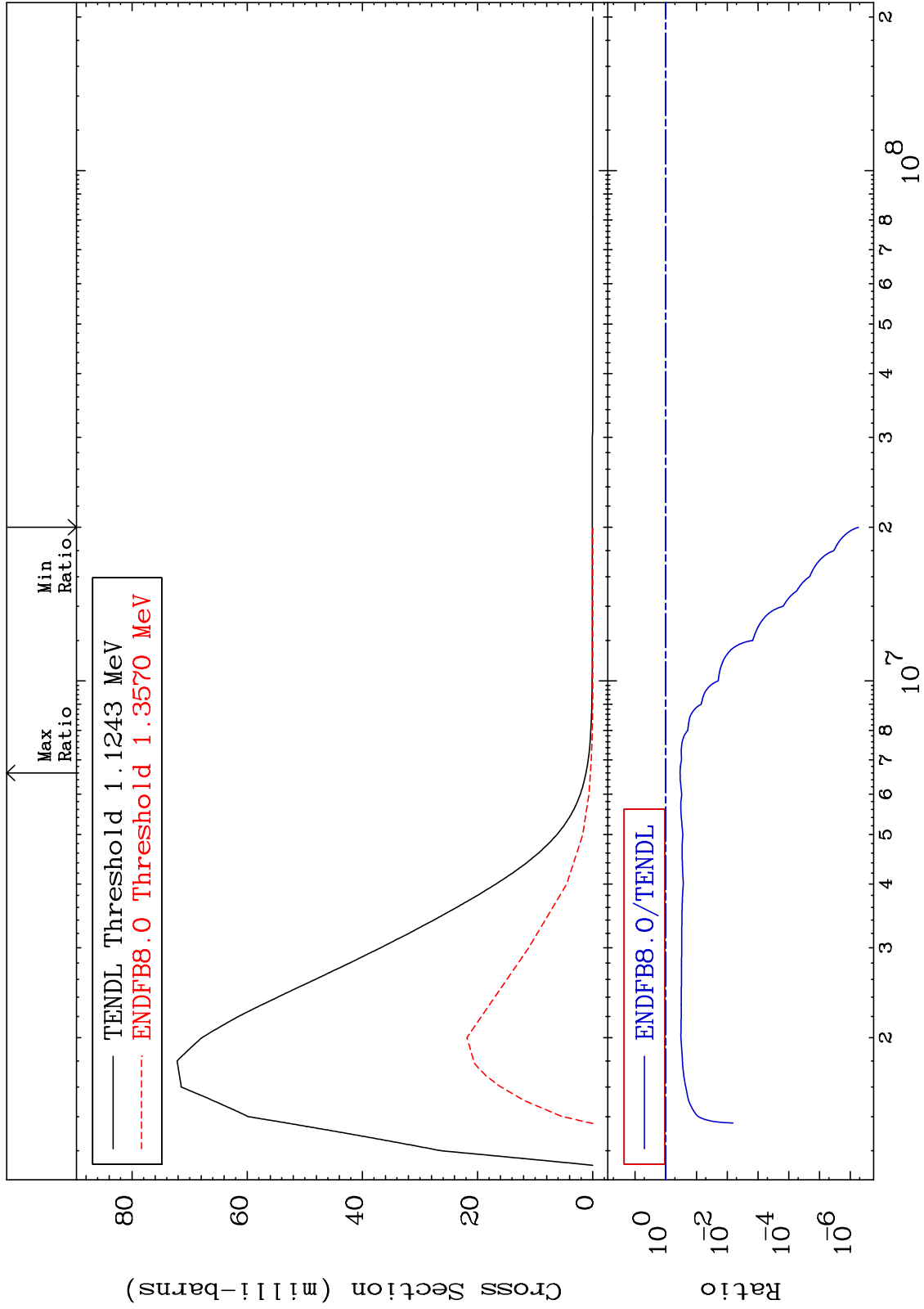




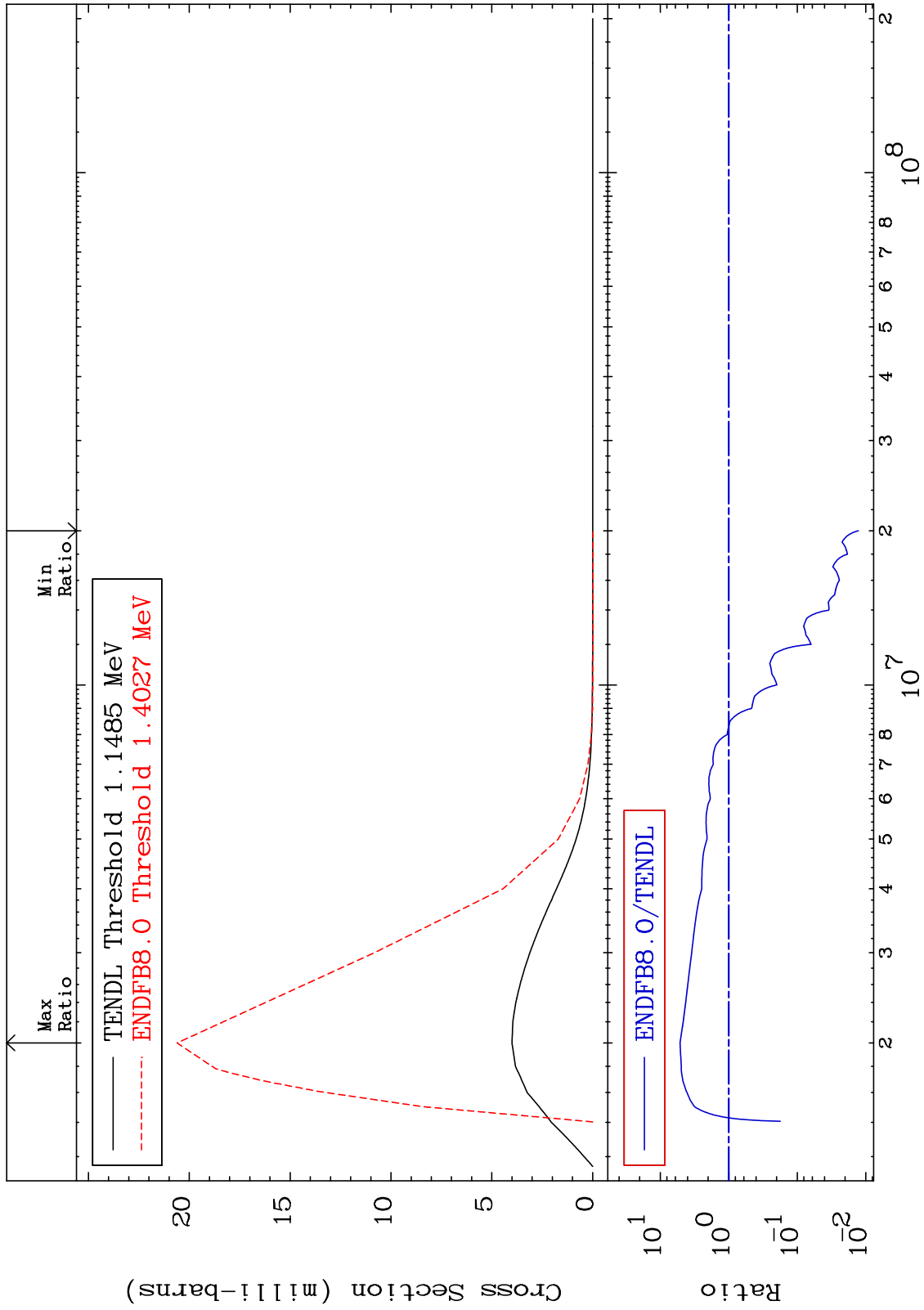
MAT 3440

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

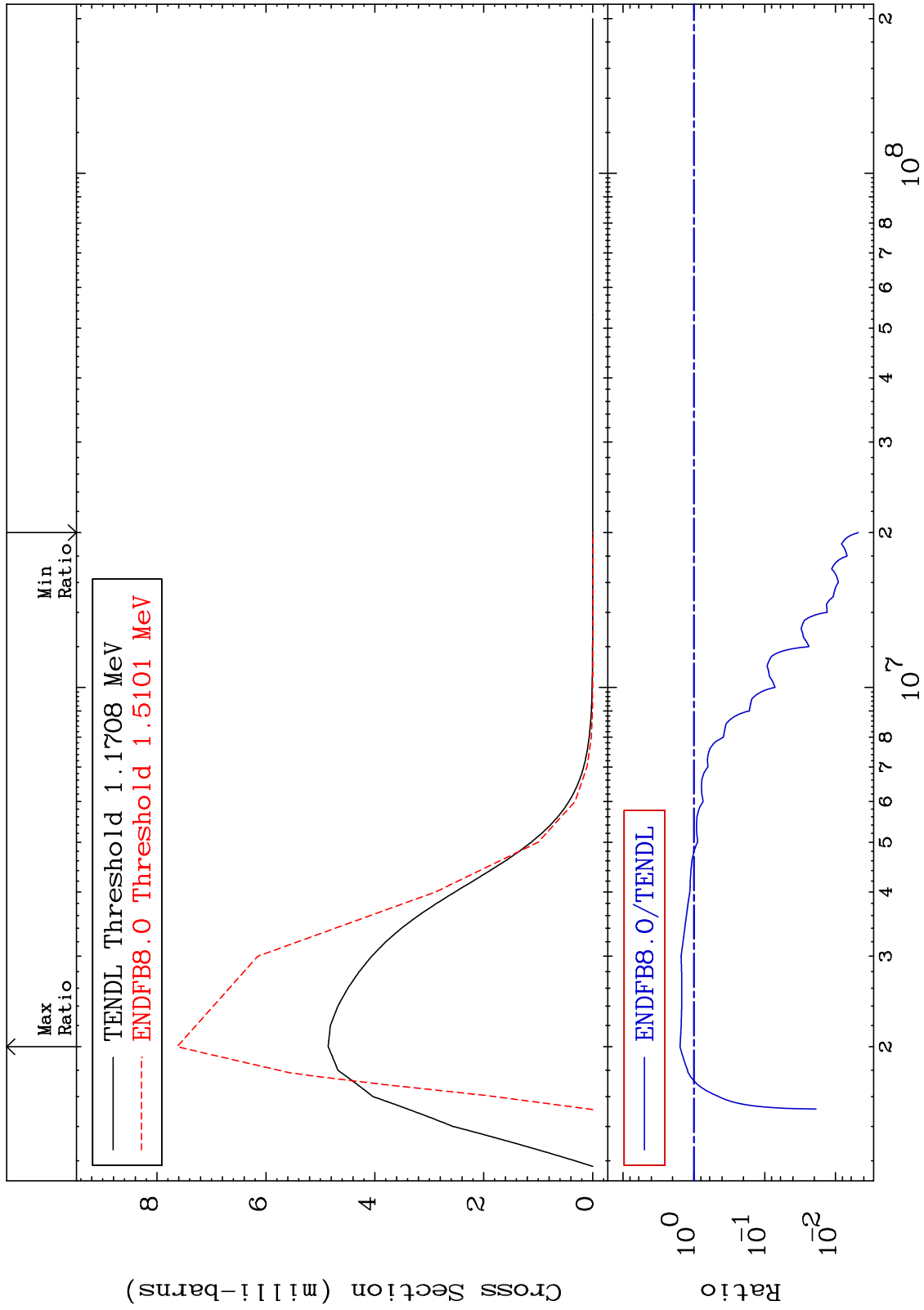
34-Se-79  
-100.0 To -65.73%

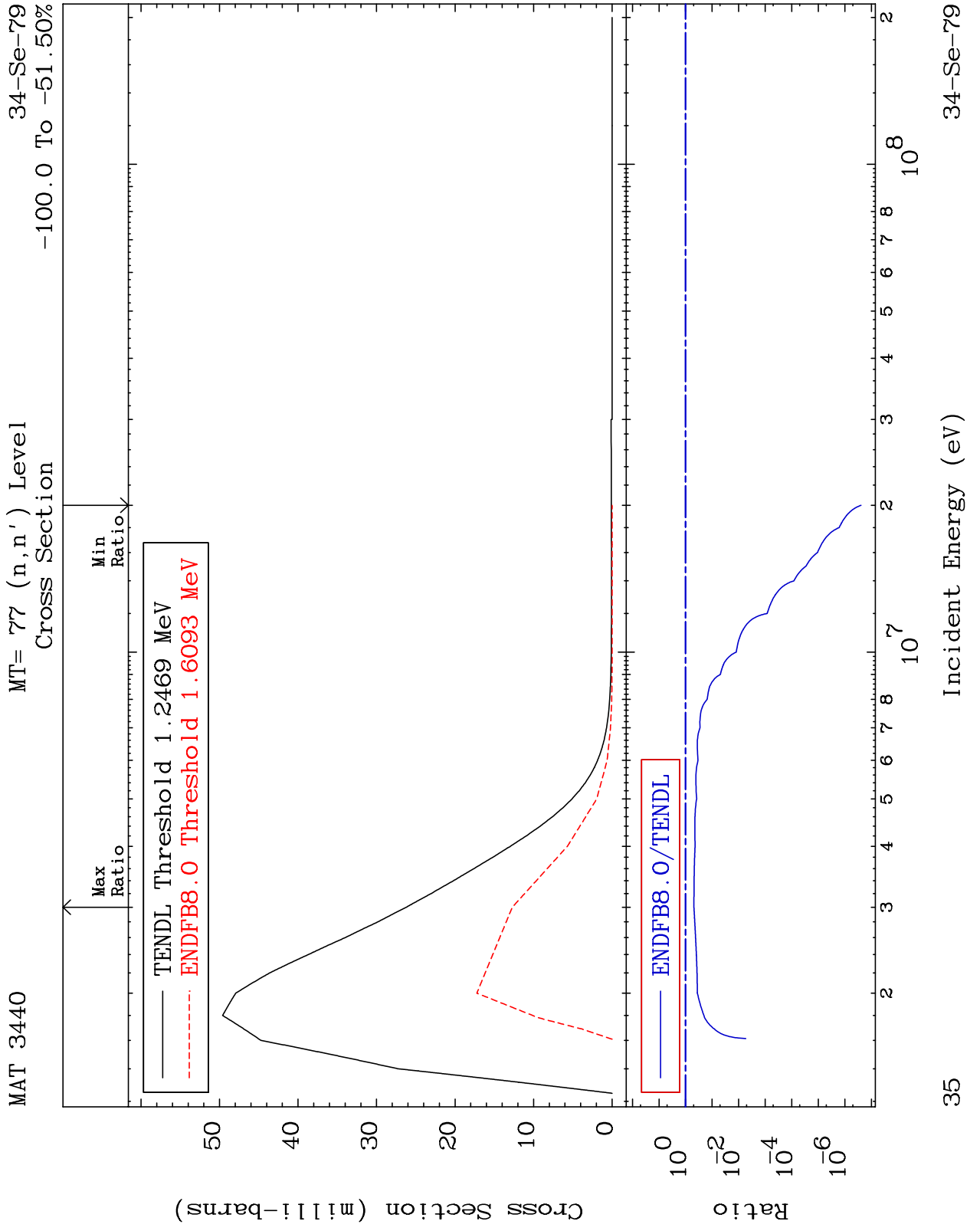


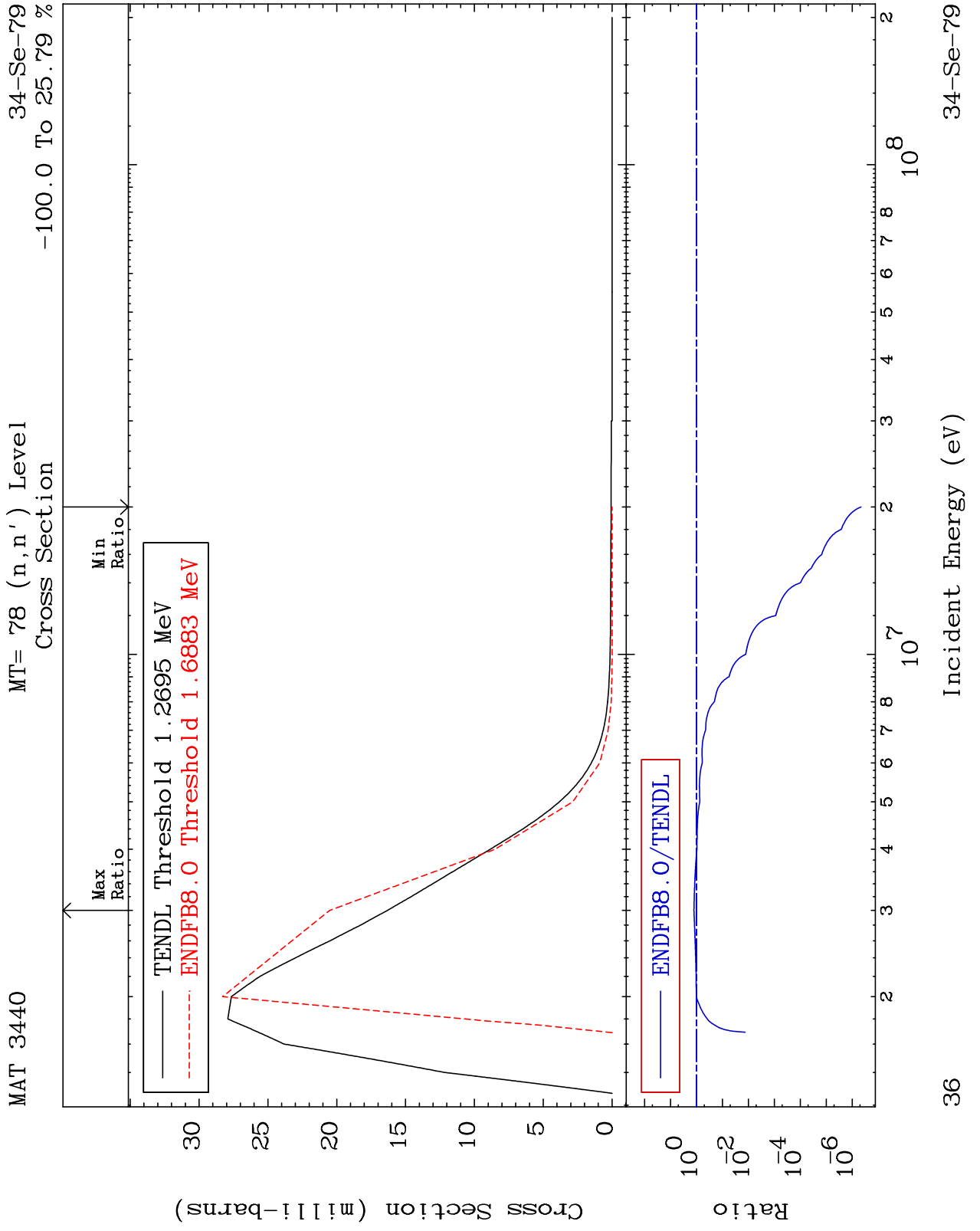
MAT 3440 MT= 75 (n,n') Level Cross Section -98.72 To 414.7 % 34-Se-79



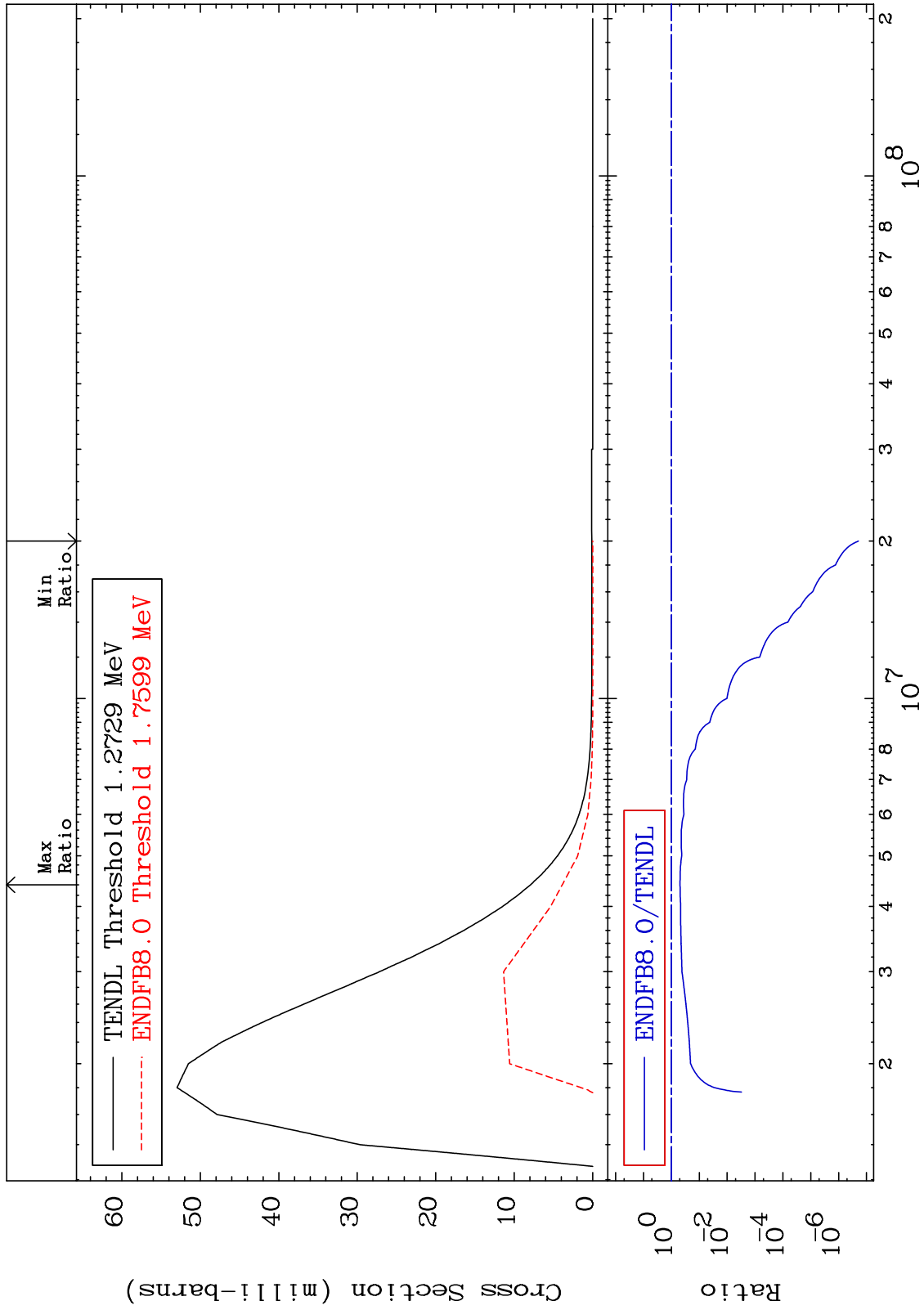
MAT 3440 MT= 76 (n,n') Level Cross Section 34-Se-79  
 -99.52 To 57.14 %







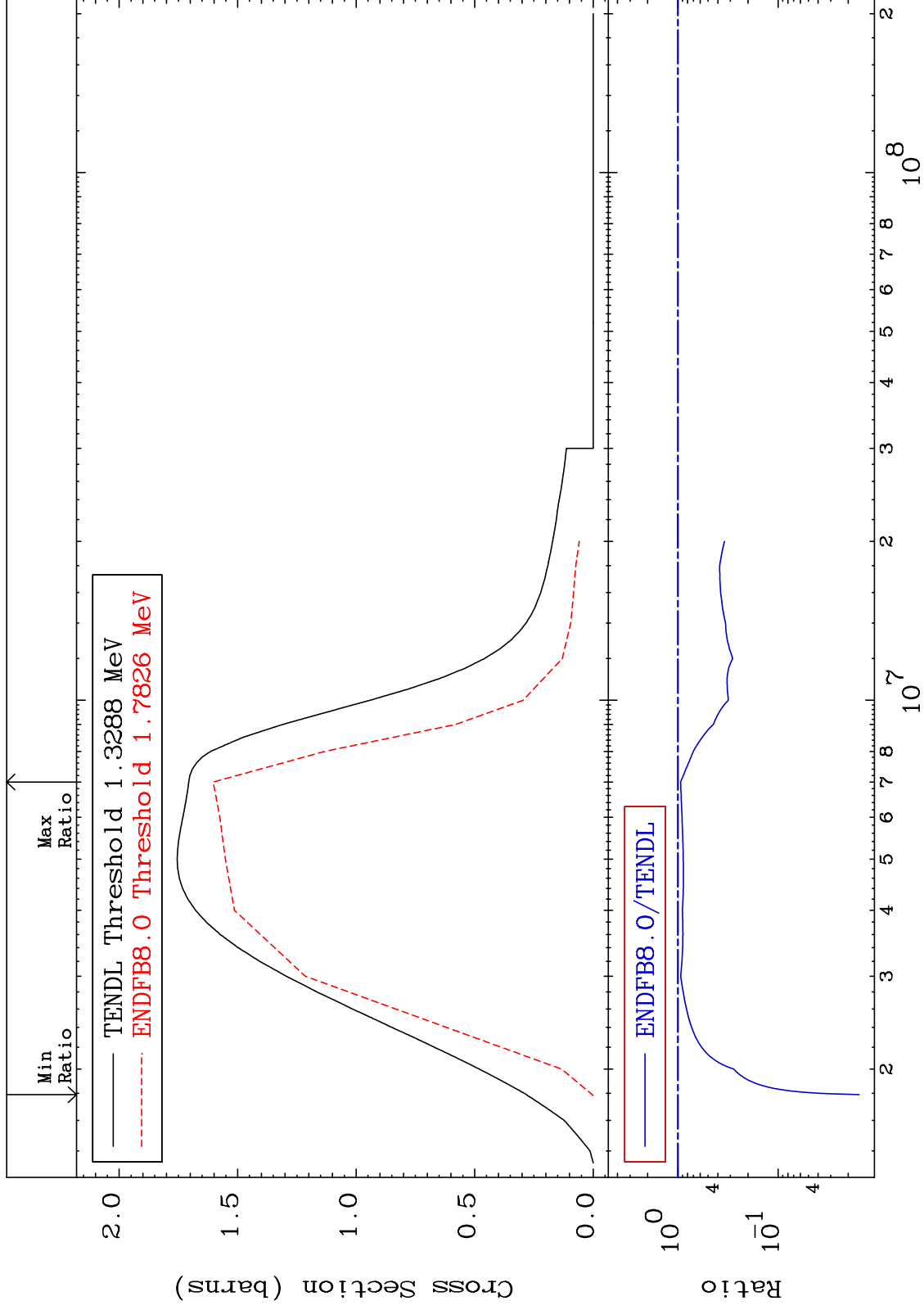
MAT 3440 MT= 79 (n, n') Level Cross Section 34-Se-79  
 -100.0 To -51.02%



MAT 3440

(n, n') Continuum  
Cross Section

<sup>34</sup>Se-79  
-98.44 To -6.076%

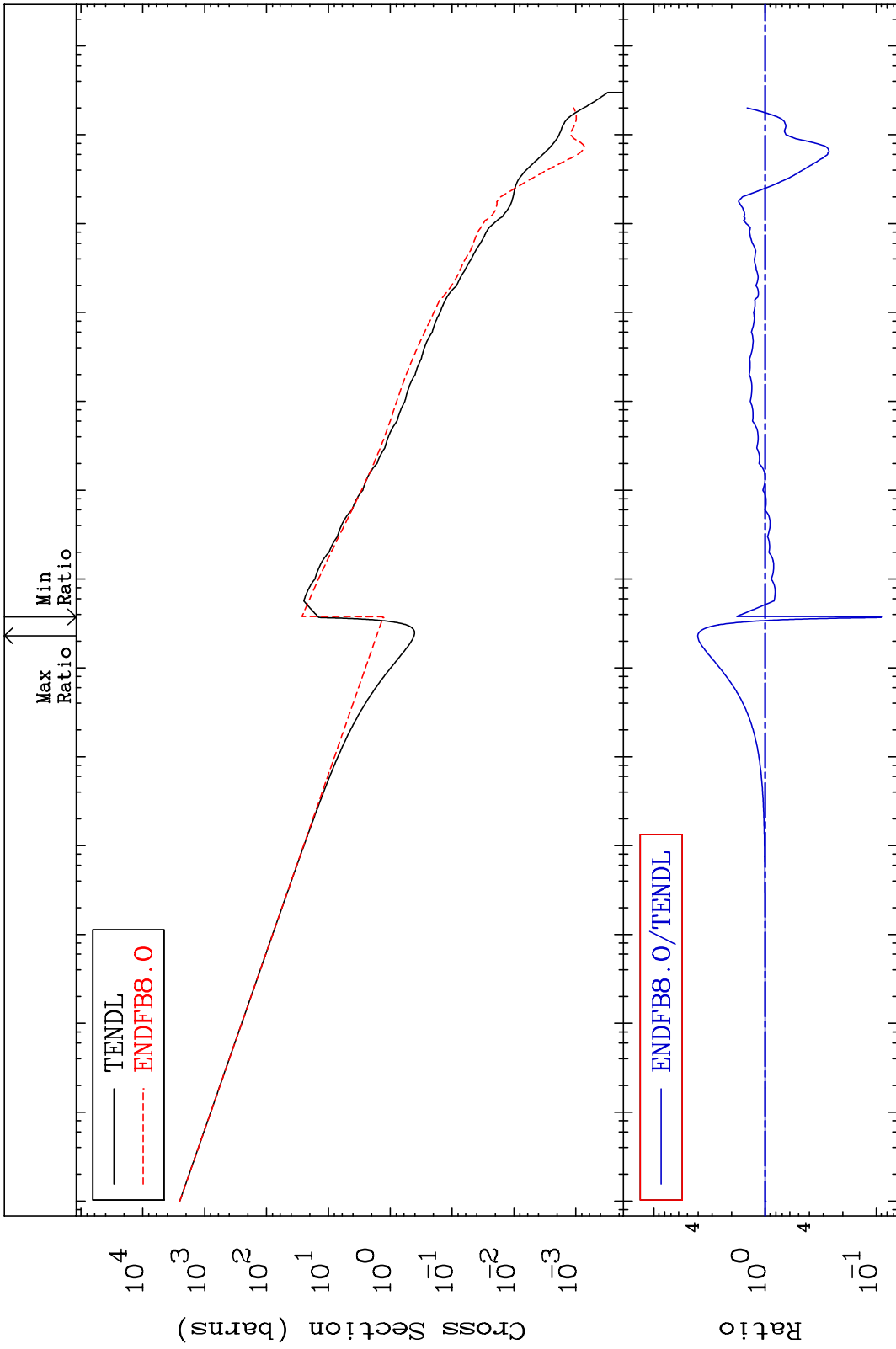


MAT 3440

34-Se-79

-91.03 To 302.6 %

(n,  $\gamma$ )  
Cross Section





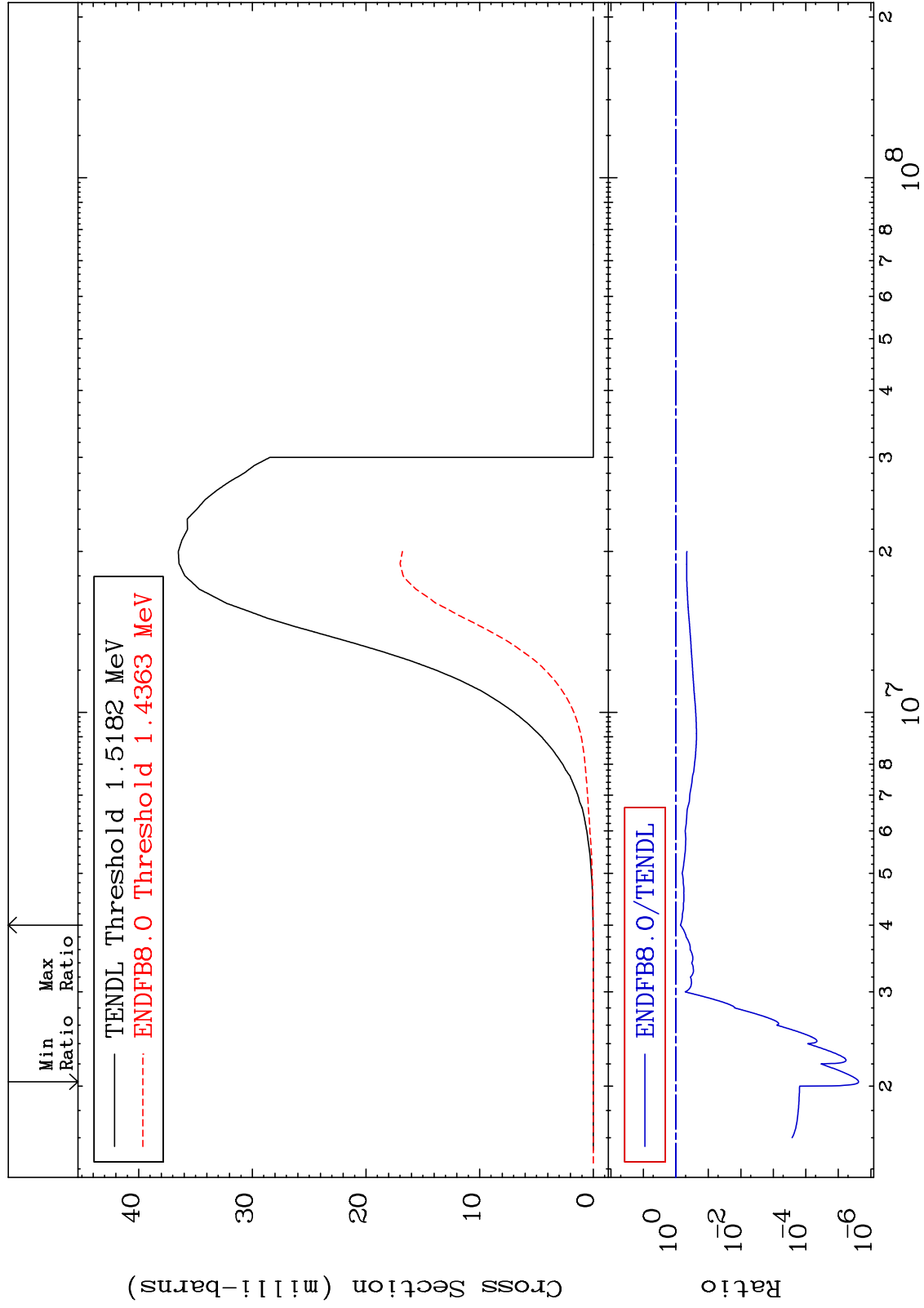
MAT 3440

(n,p)

<sup>34</sup>Se-79

Cross Section

-100.0 To -27.76%



40

Incident Energy (eV)

<sup>34</sup>Se-79

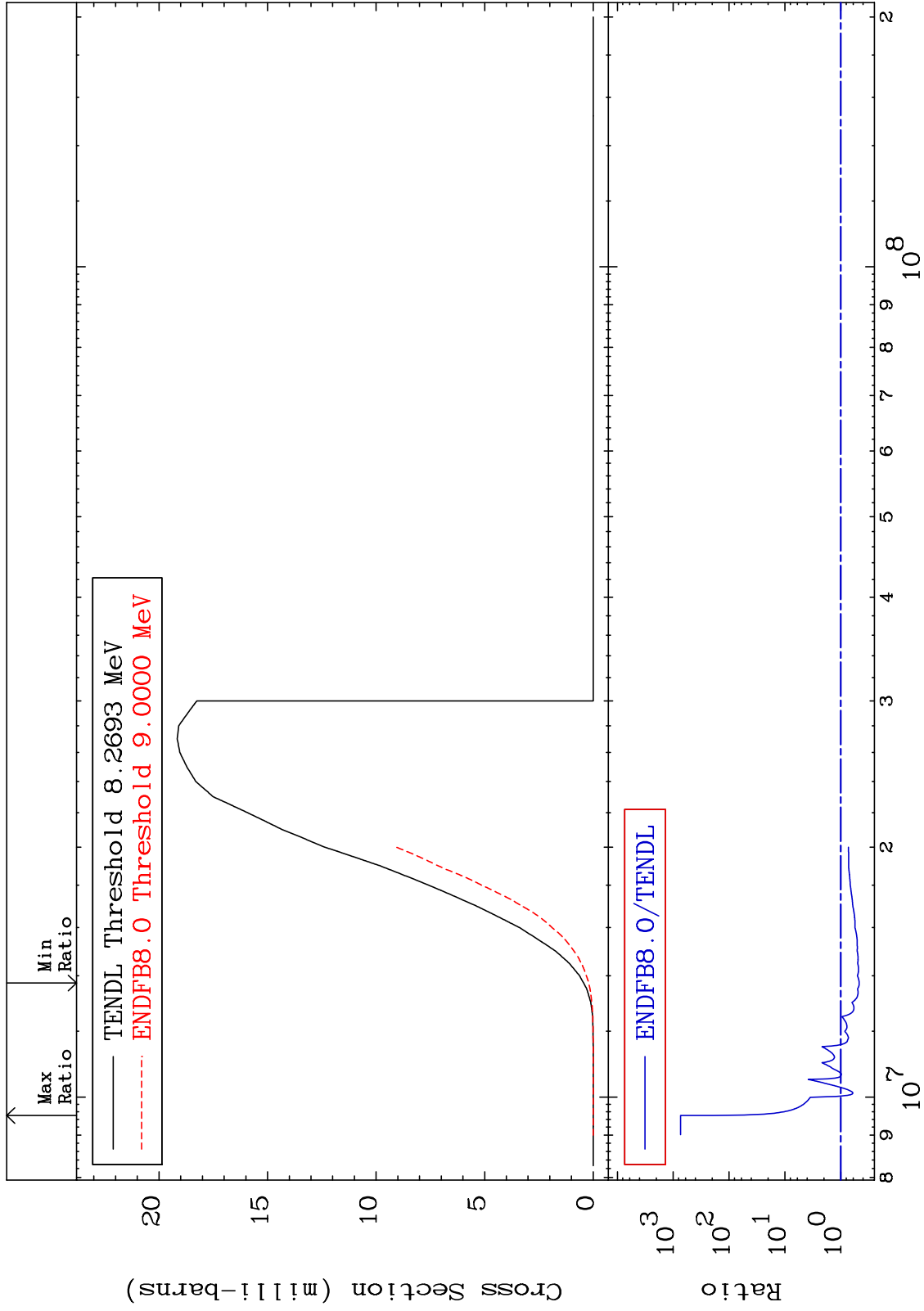
MAT 3440

(n,d)

<sup>34</sup>Se-79

Cross Section

-52.96 To 9999. %



41

Incident Energy (eV)

<sup>34</sup>Se-79

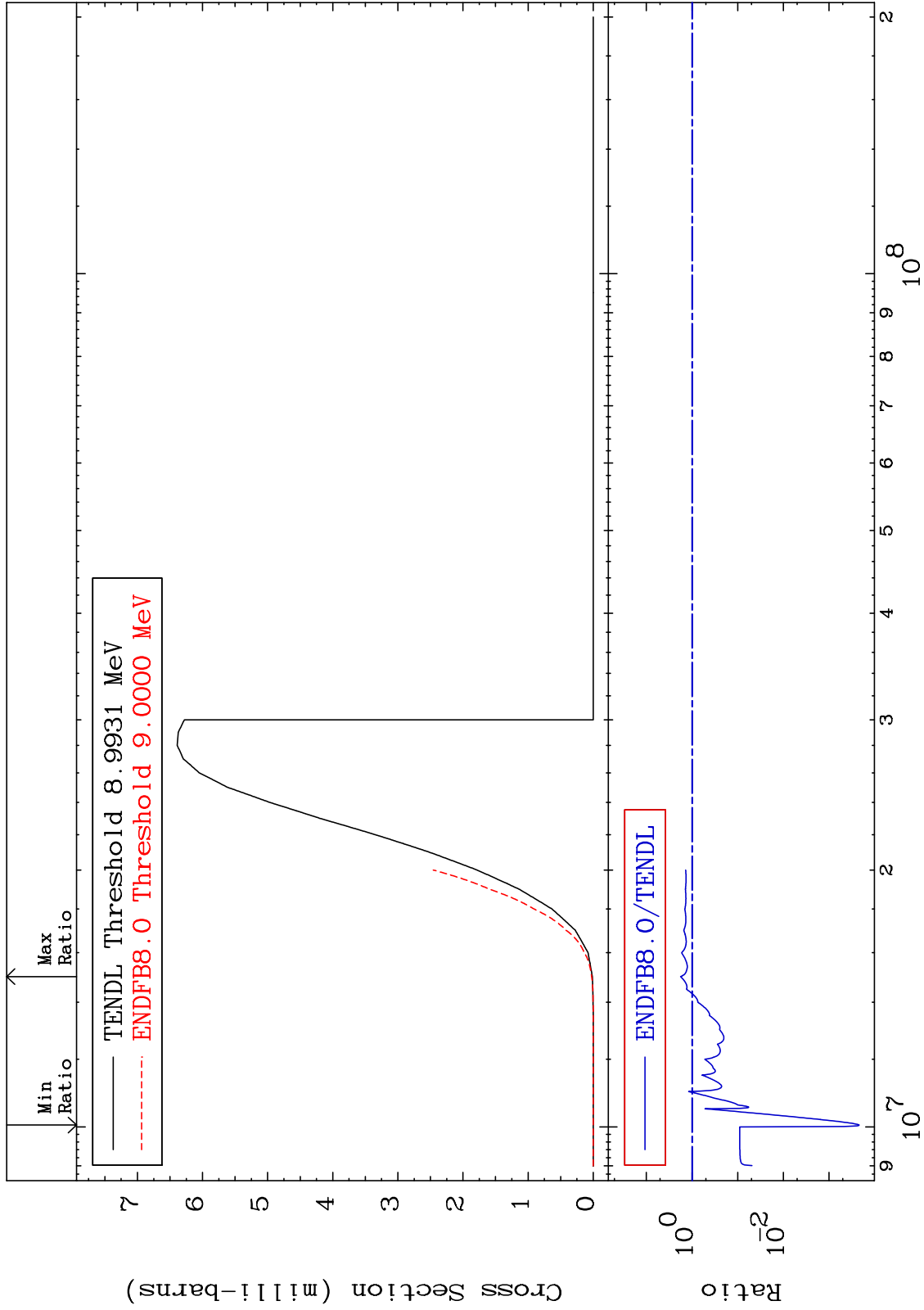
MAT 3440

(n, t)

<sup>34</sup>Se-79

Cross Section

-99.98 To 77.72 %



42

Incident Energy (eV)

<sup>34</sup>Se-79

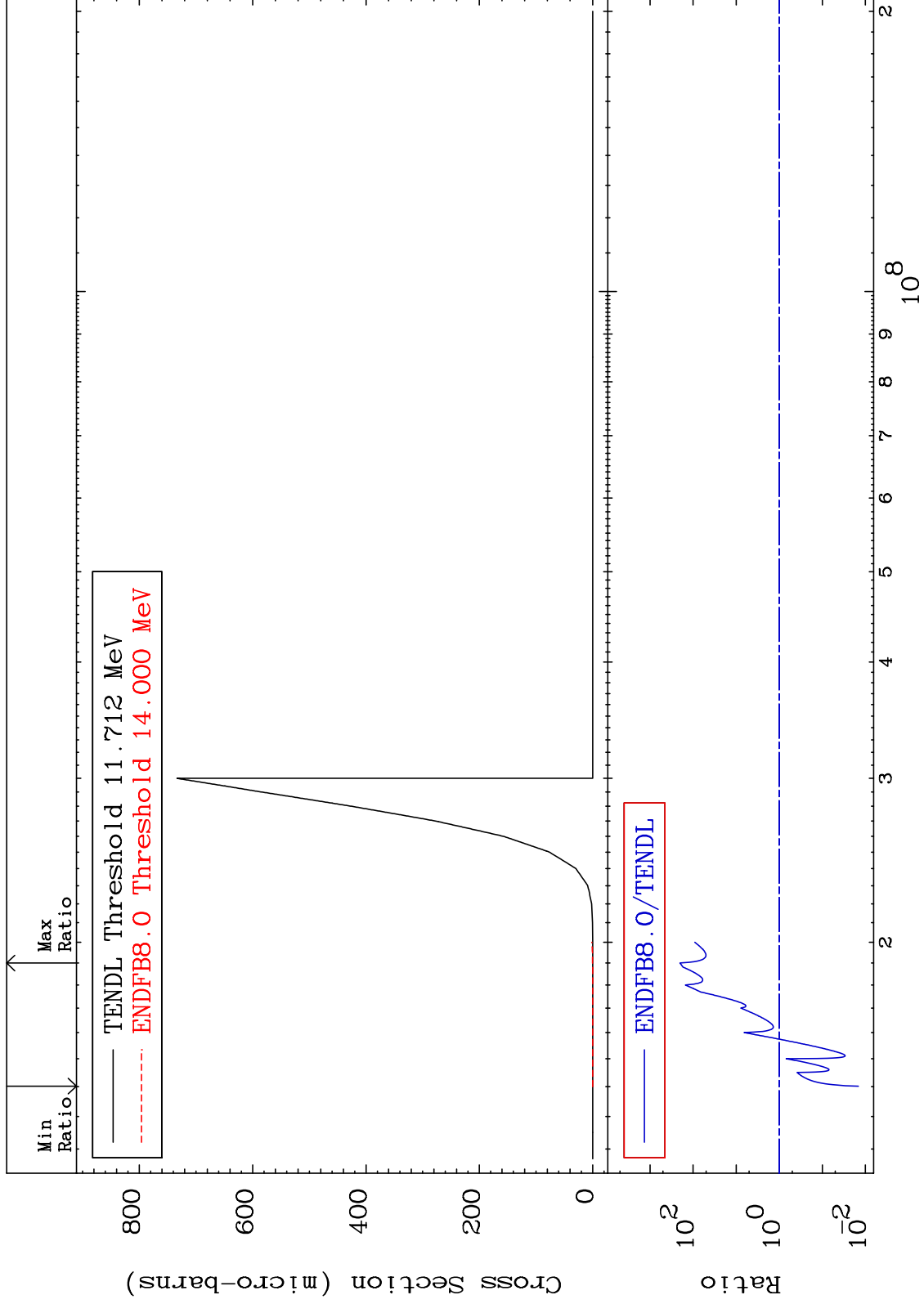
MAT 3440

(n, He-3)

34-Se-79

Cross Section

-98.55 To 9999. %



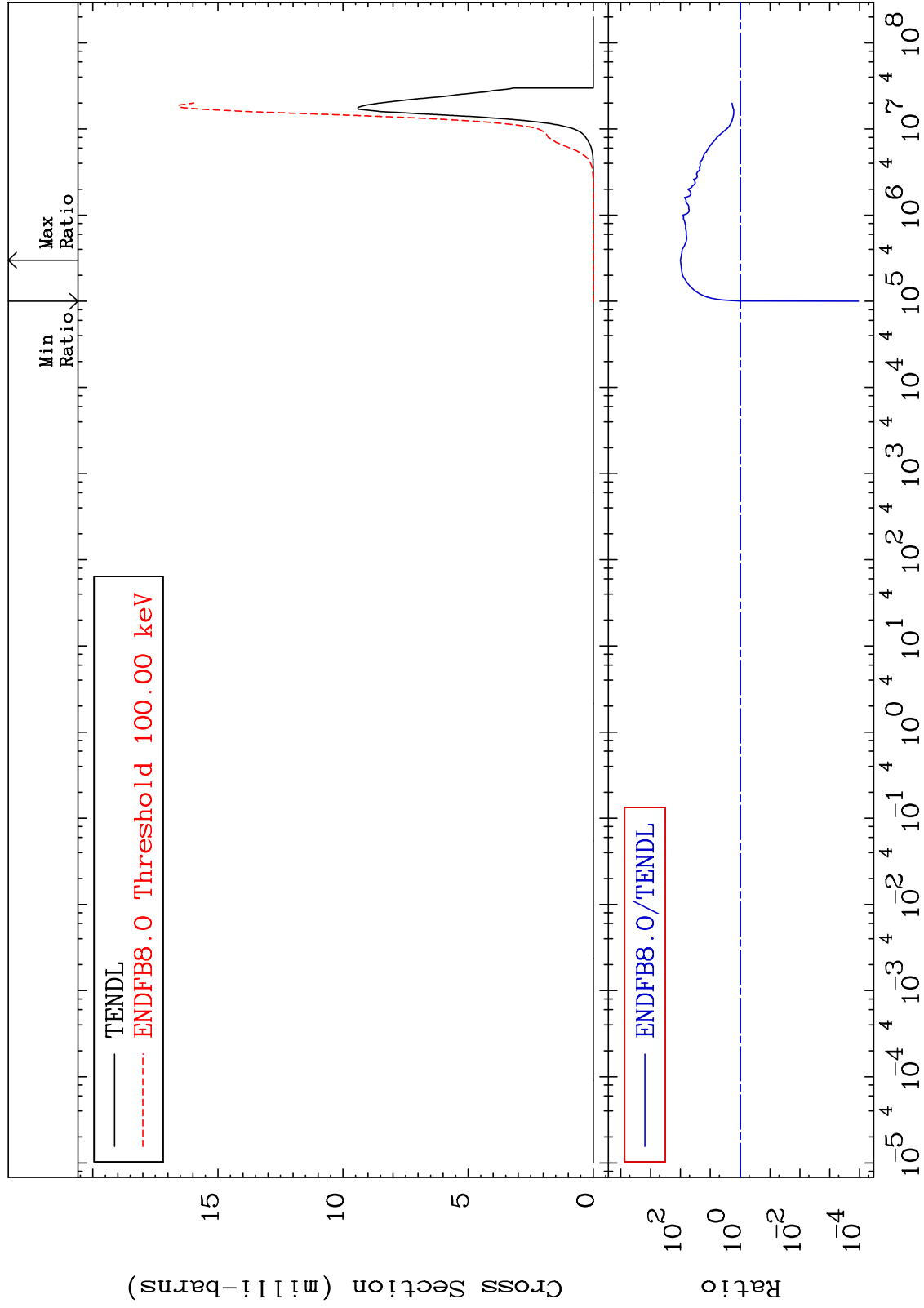
MAT 3440

(n,  $\alpha$ )

<sup>34</sup>Se-79

Cross Section

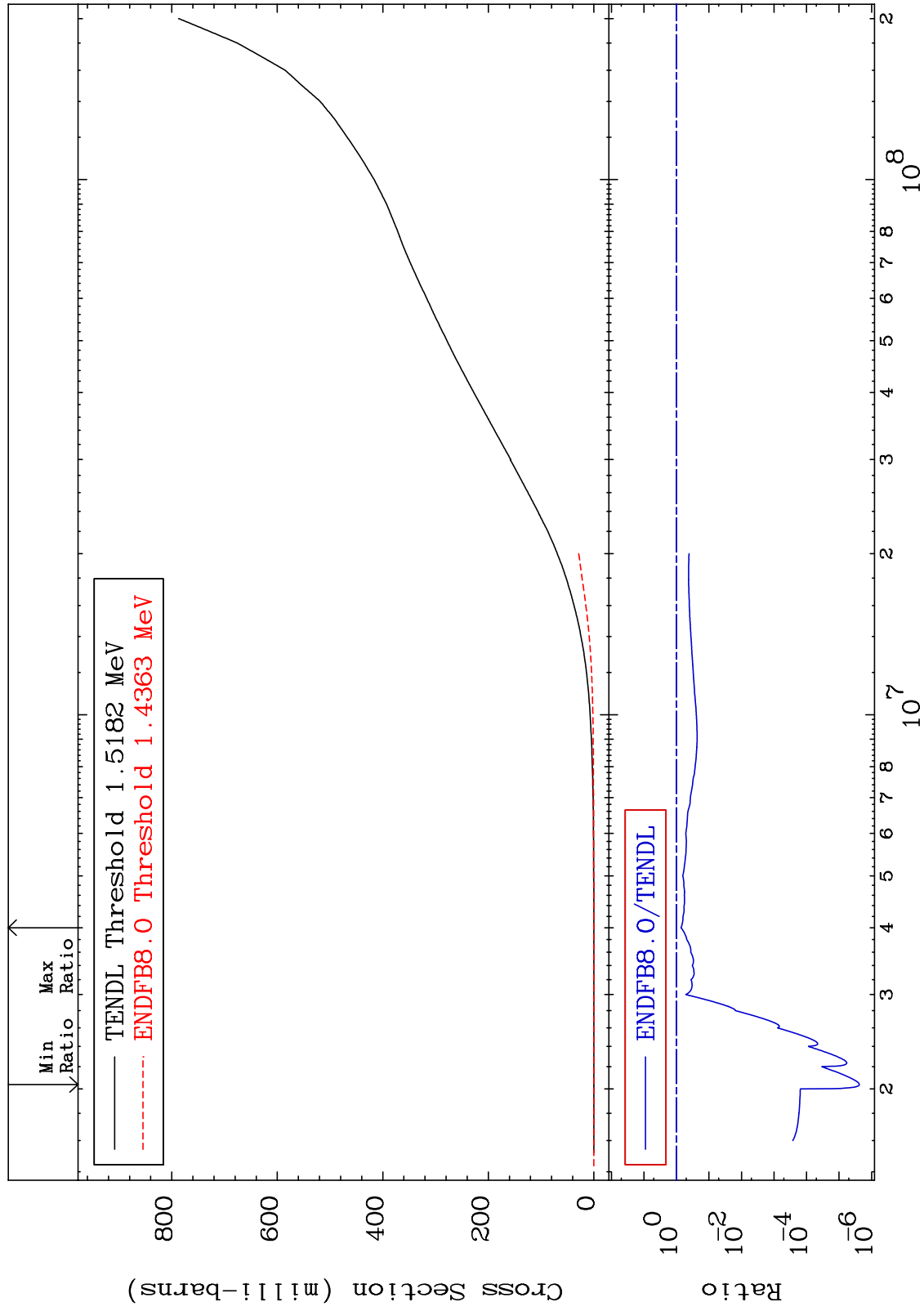
-99.99 To 9884. %



MAT 3440

Hydrogen Production  
Cross Section

<sup>34</sup>Se-79  
-100.0 To -27.76%



45

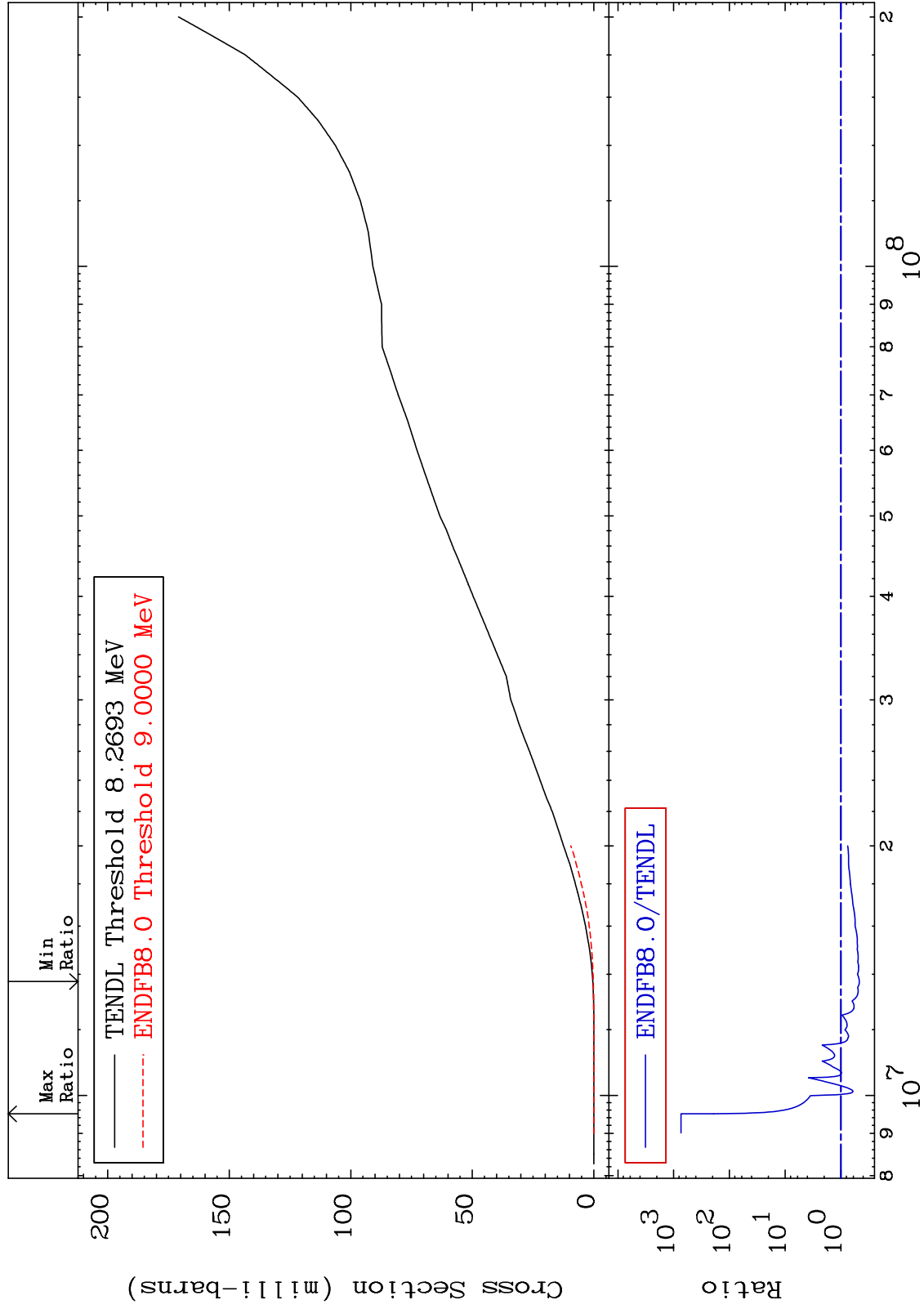
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

Deuterium Production  
Cross Section

<sup>34</sup>Se-79  
-52.96 To 9999. %



46

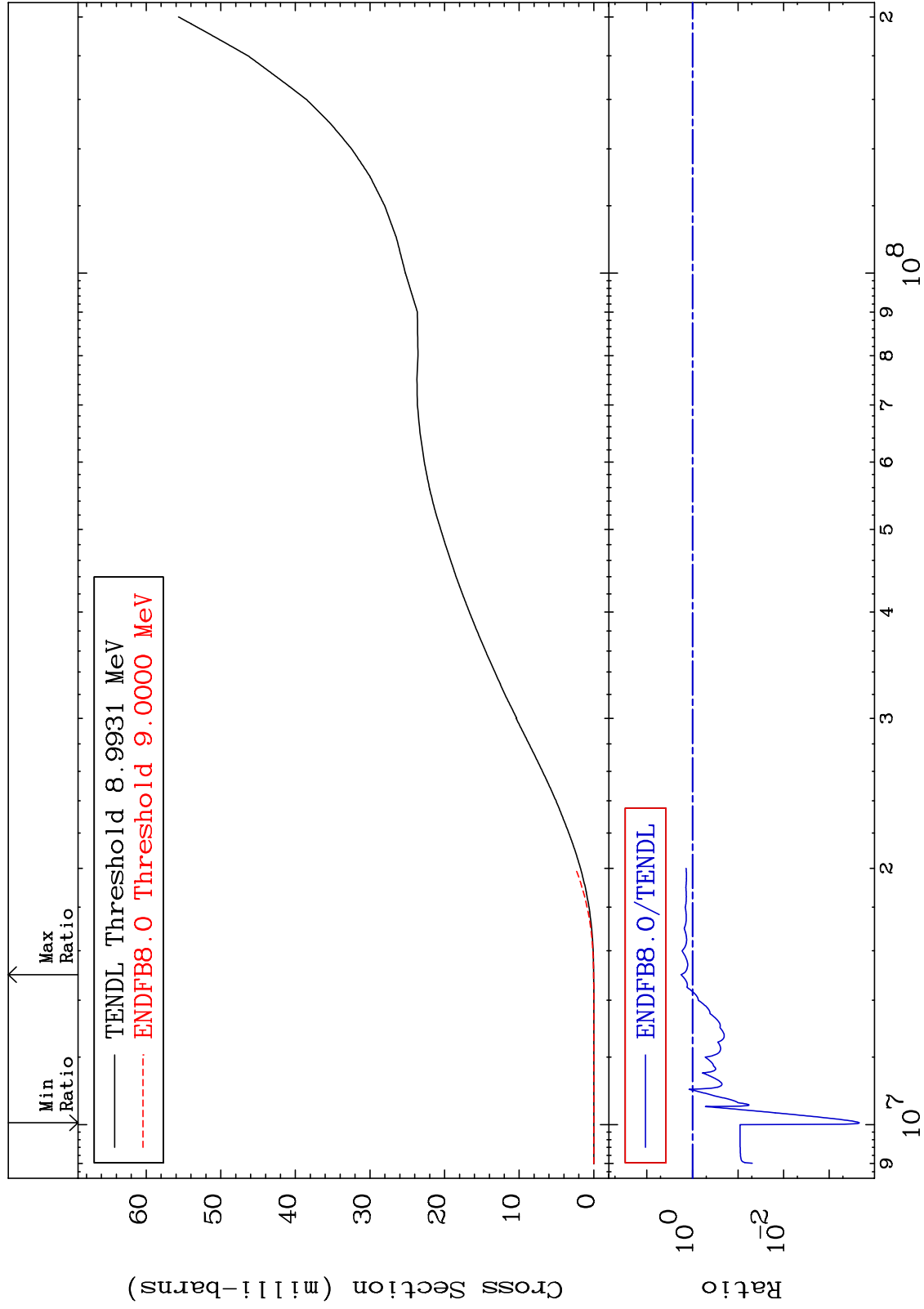
Incident Energy (eV)

<sup>34</sup>Se-79

MAT 3440

Tritium Production  
Cross Section

<sup>34</sup>Se-79  
-99.98 To 77.72 %



47

Incident Energy (eV)

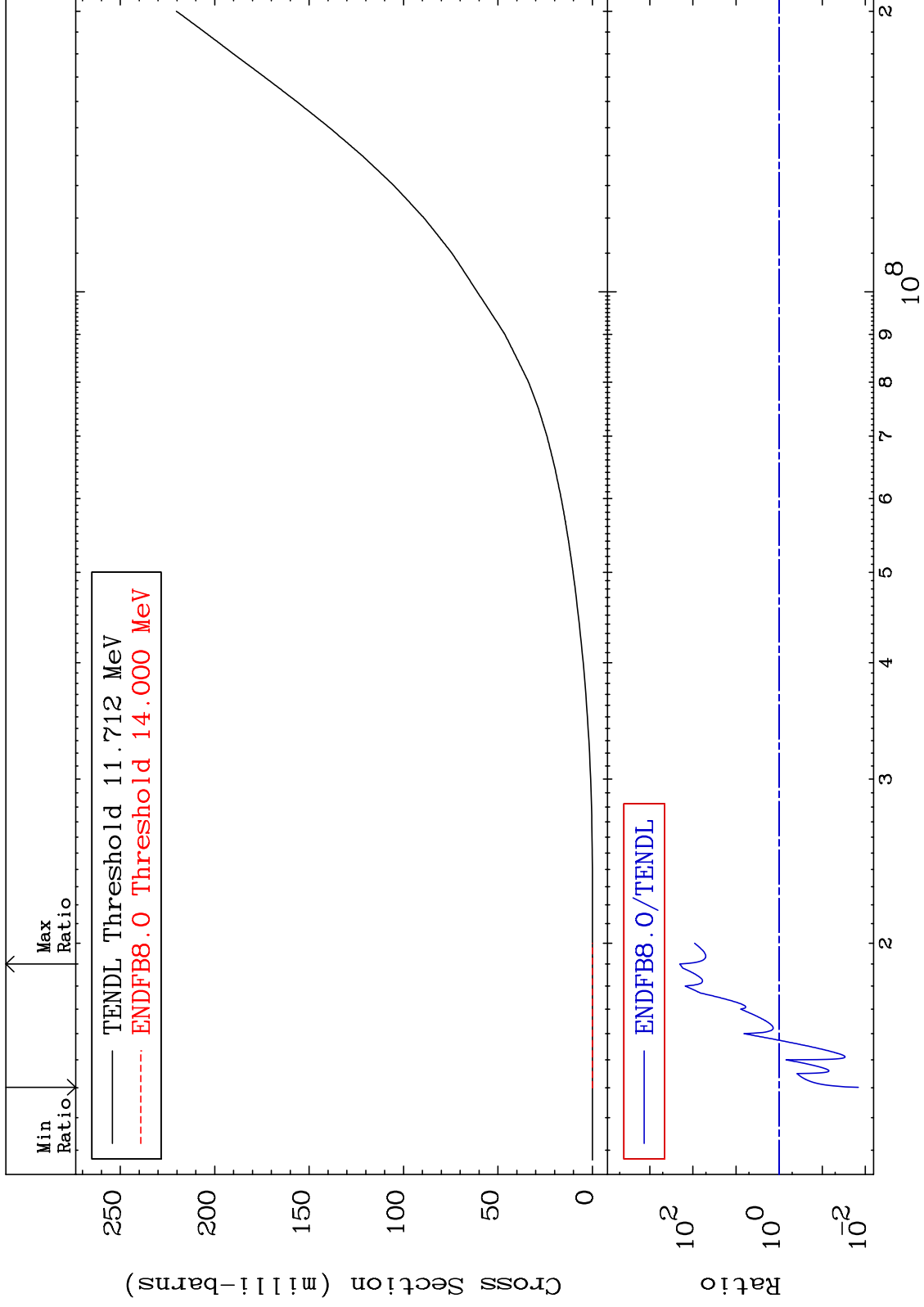
<sup>34</sup>Se-79



MAT 3440

He-3 Production  
Cross Section

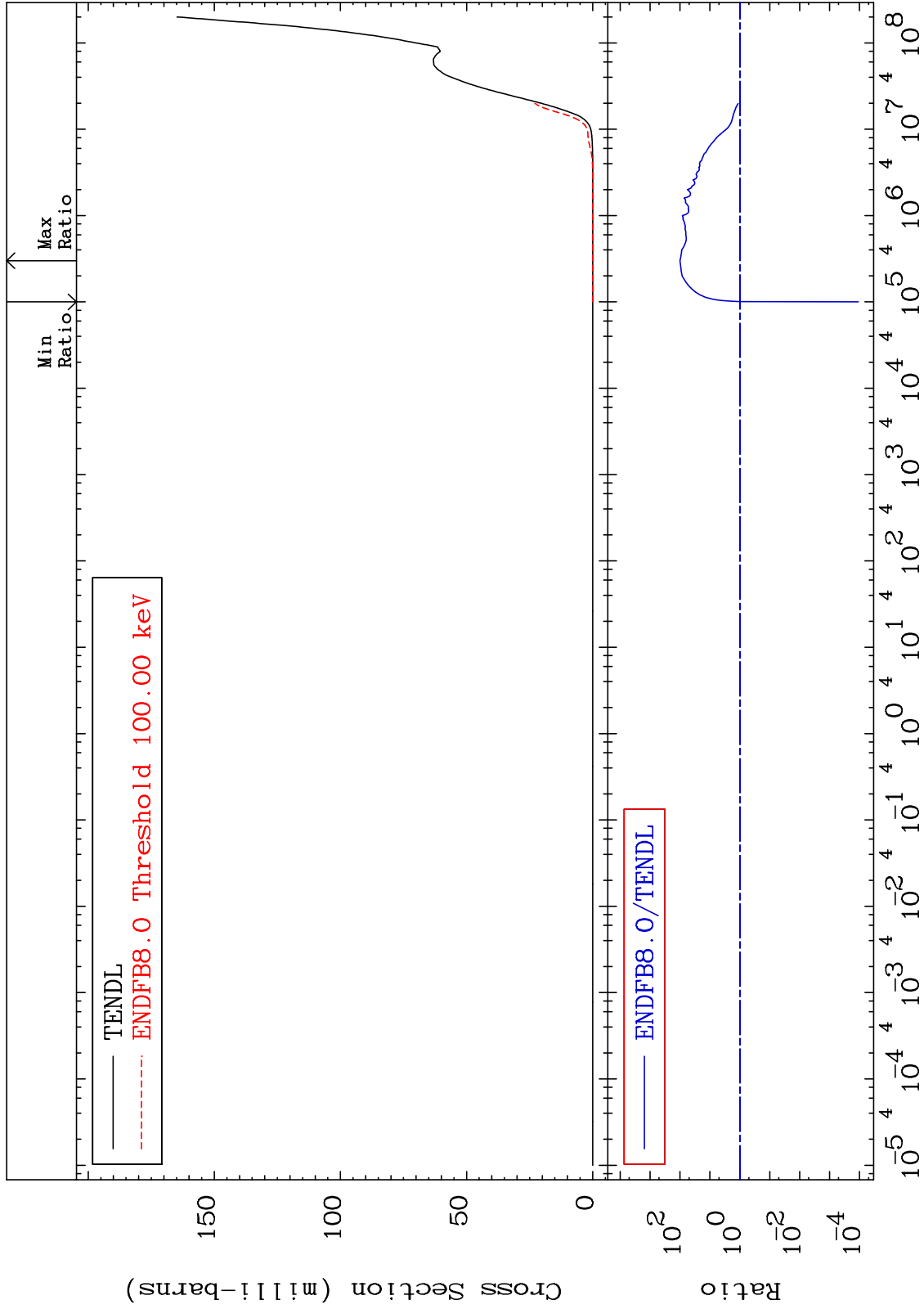
34-Se-79  
-98.55 To 9999. %



MAT 3440

He-4 Production  
Cross Section

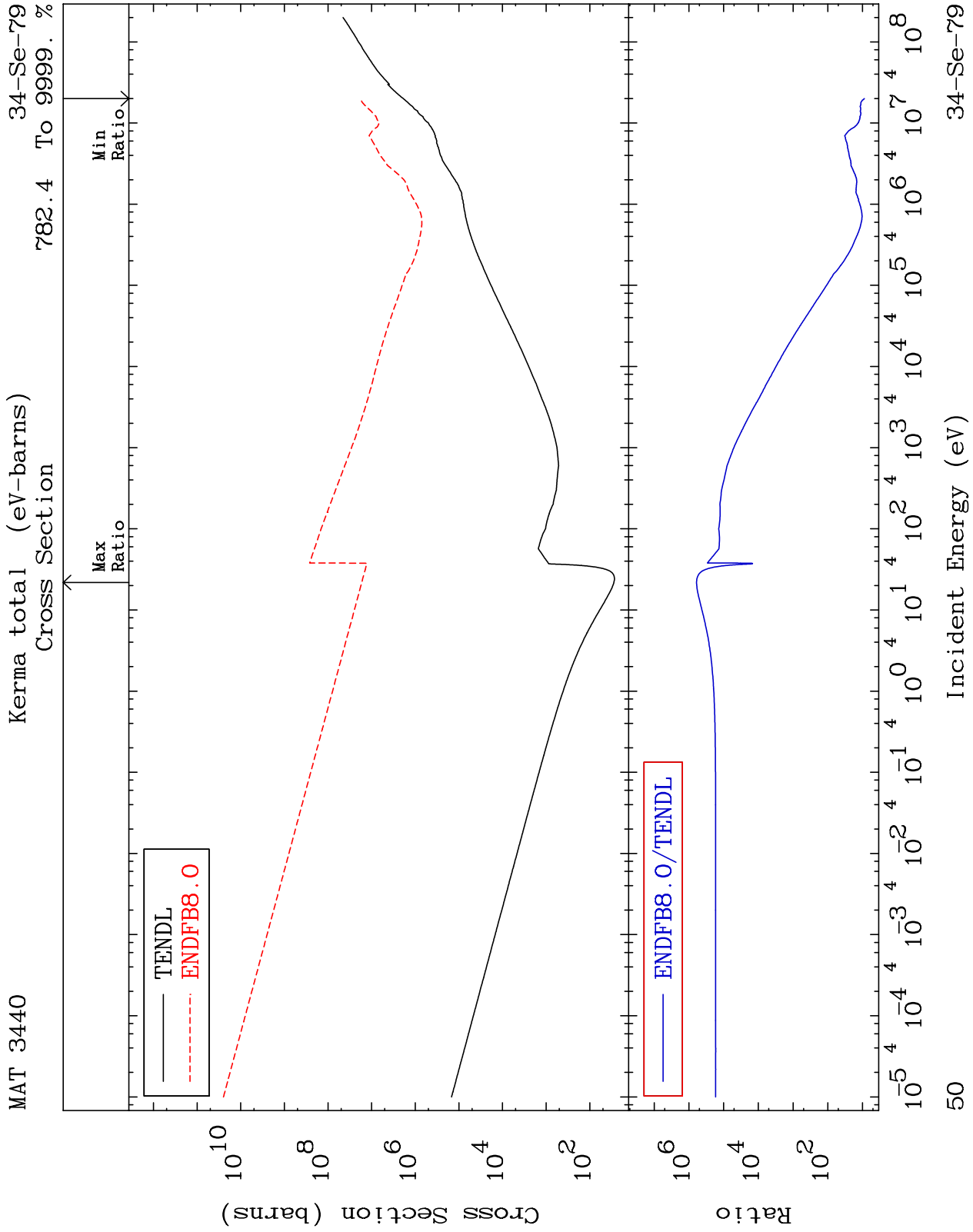
34-Se-79  
-99.99 To 9884. %

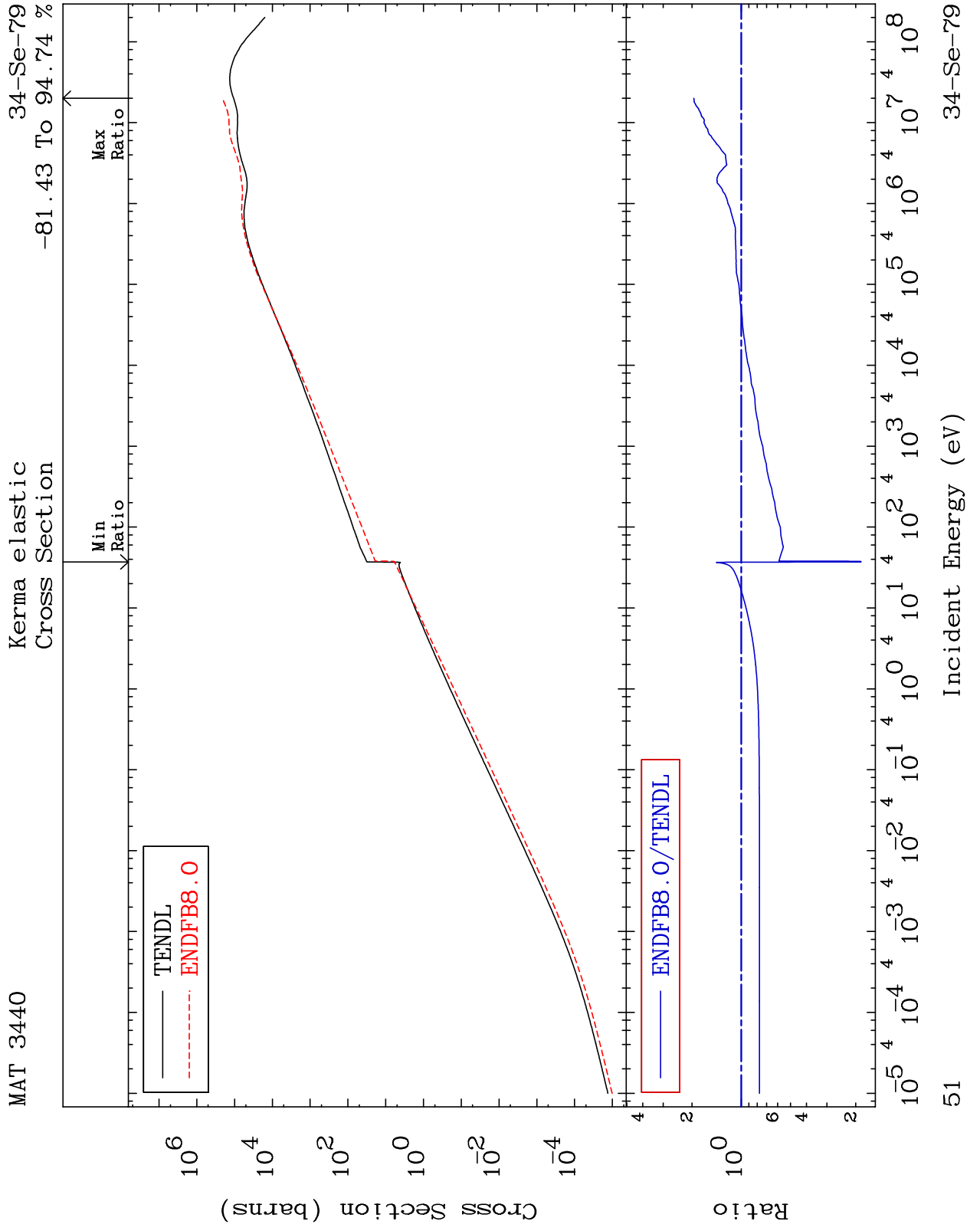


49

Incident Energy (eV)

34-Se-79

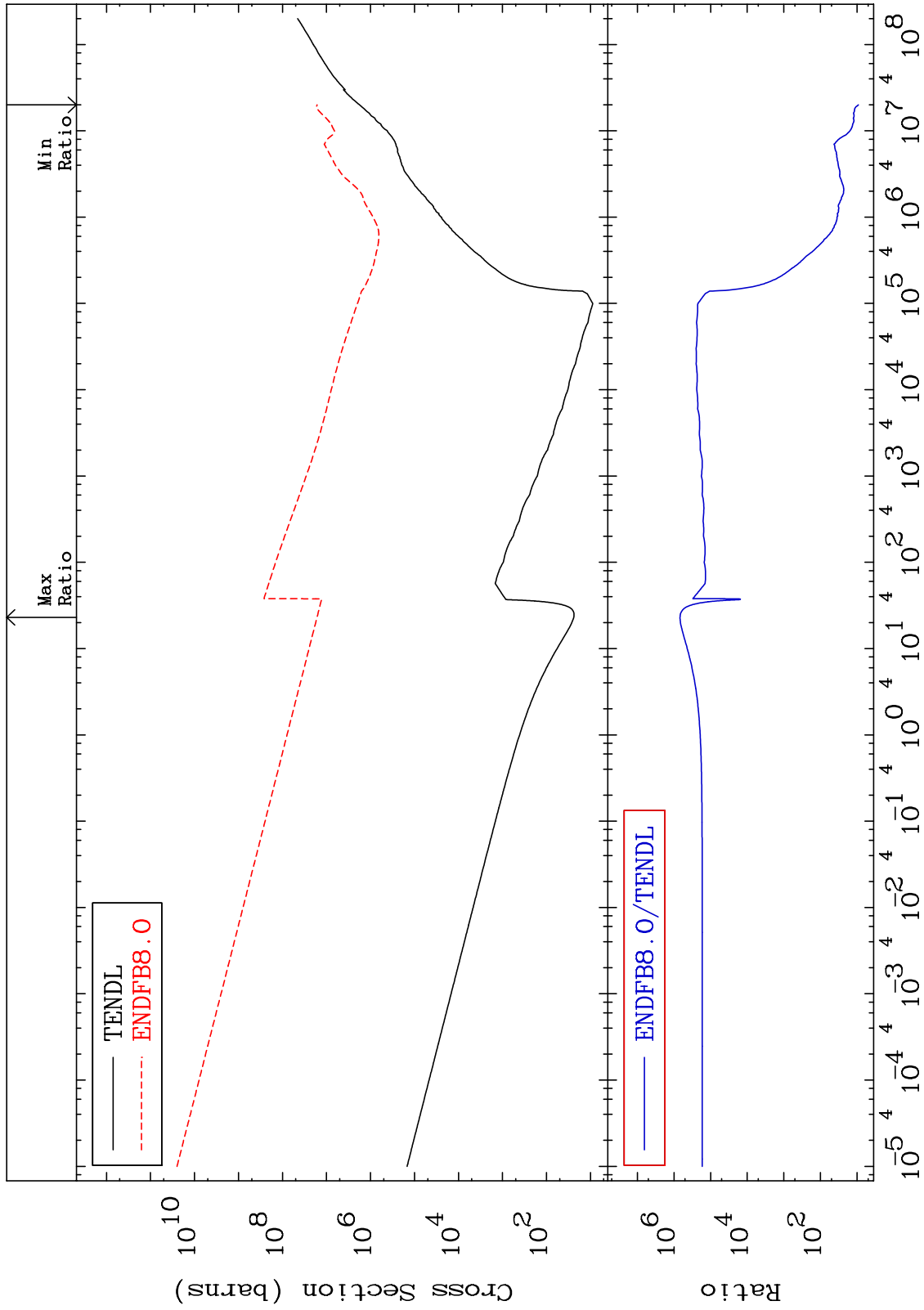




MAT 3440

Kerma non-elastic (all but mt2)  
Cross Section

34-Se-79  
823.7 To 9999. %



52

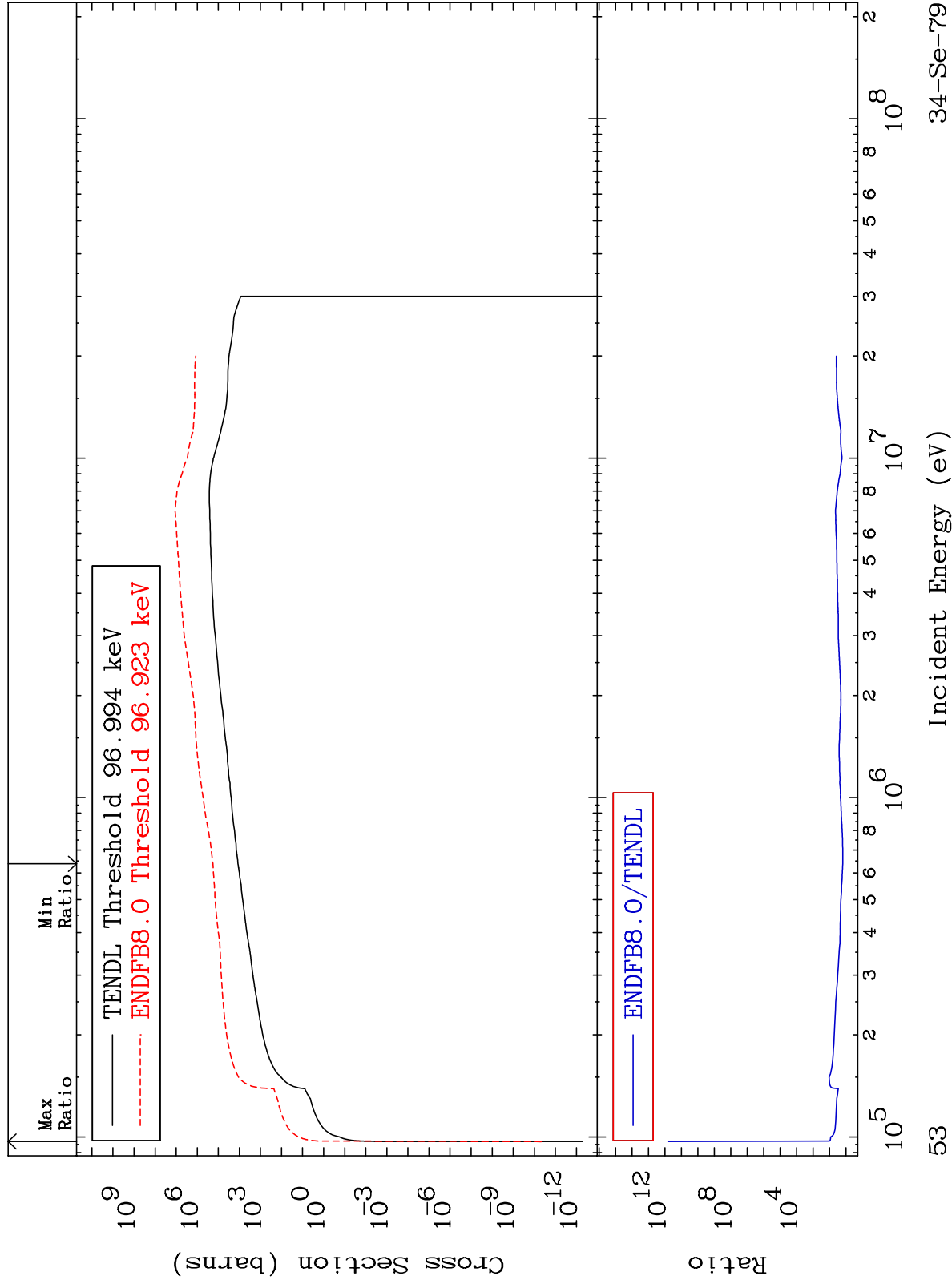
Incident Energy (eV)

34-Se-79

MAT 3440

Kerma inelastic (mt51-91)  
Cross Section

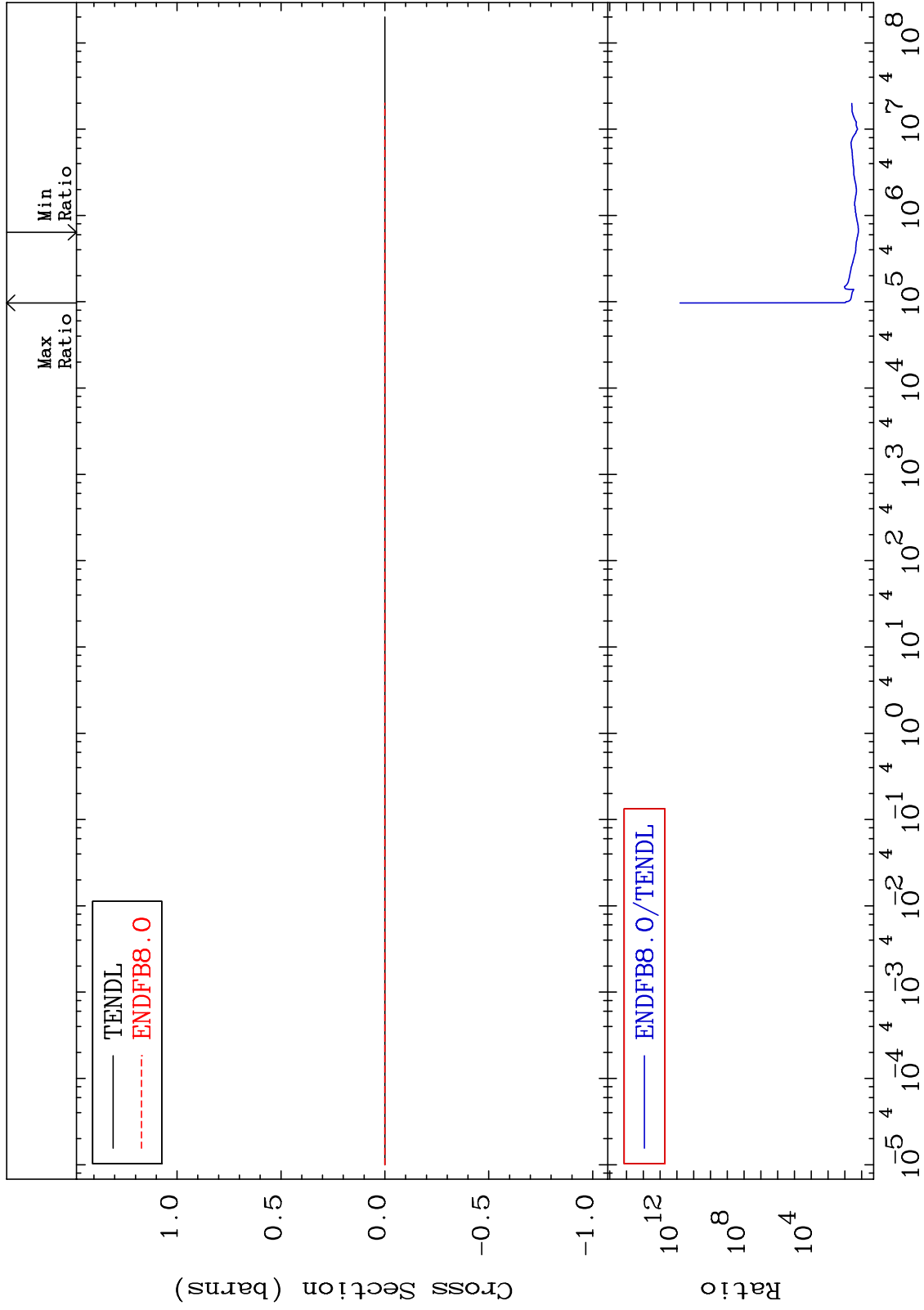
34-Se-79  
1458. To 9999. %



MAT 3440

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

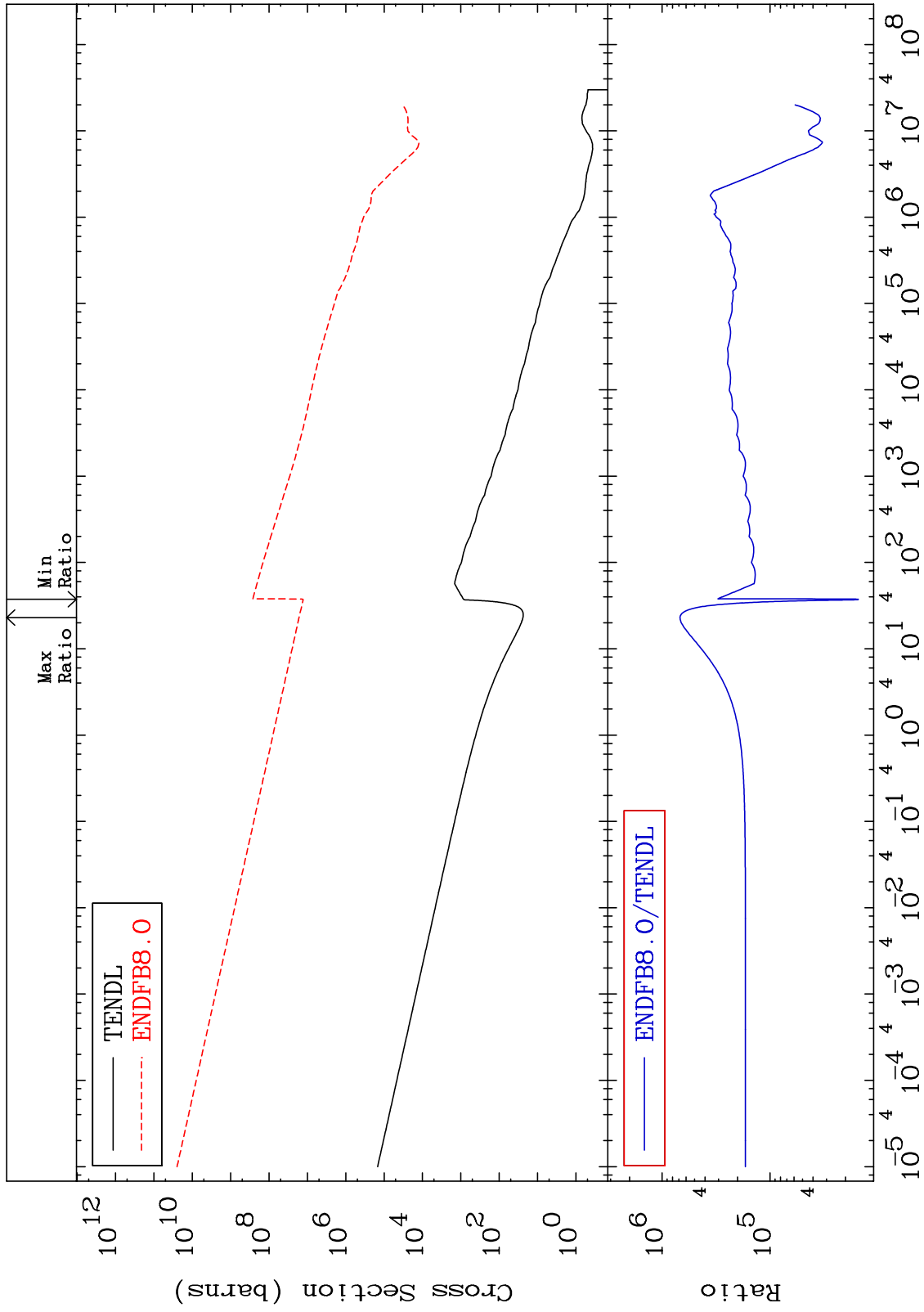
34-Se-79  
1458. To 9999. %



MAT 3440

Kerma capture (mt102)  
Cross Section

34-Se-79  
9999. To 9999. %



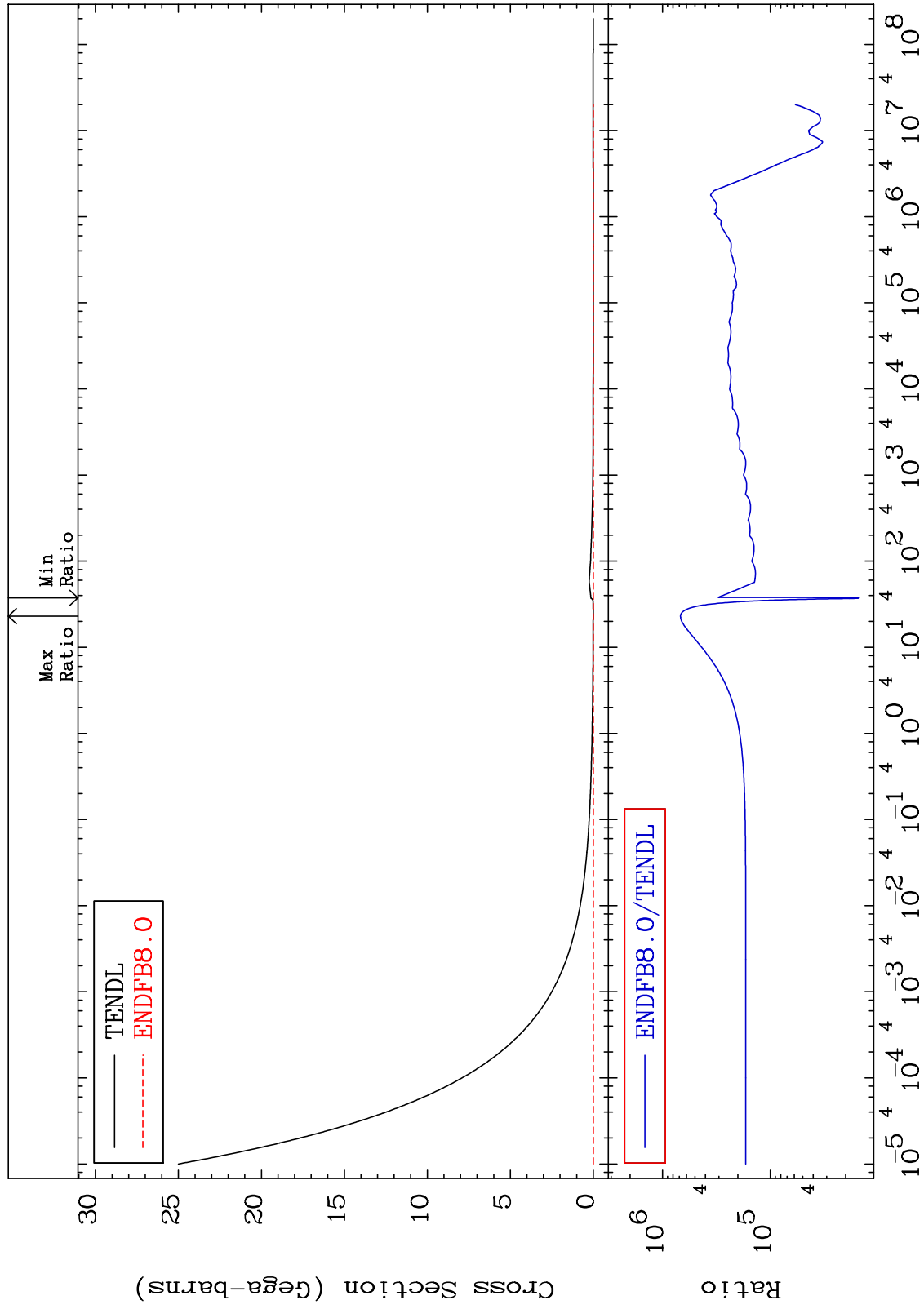
55



MAT 3440

Total photon (eV-barns)  
Cross Section

34-Se-79  
9999. To 9999. %



56

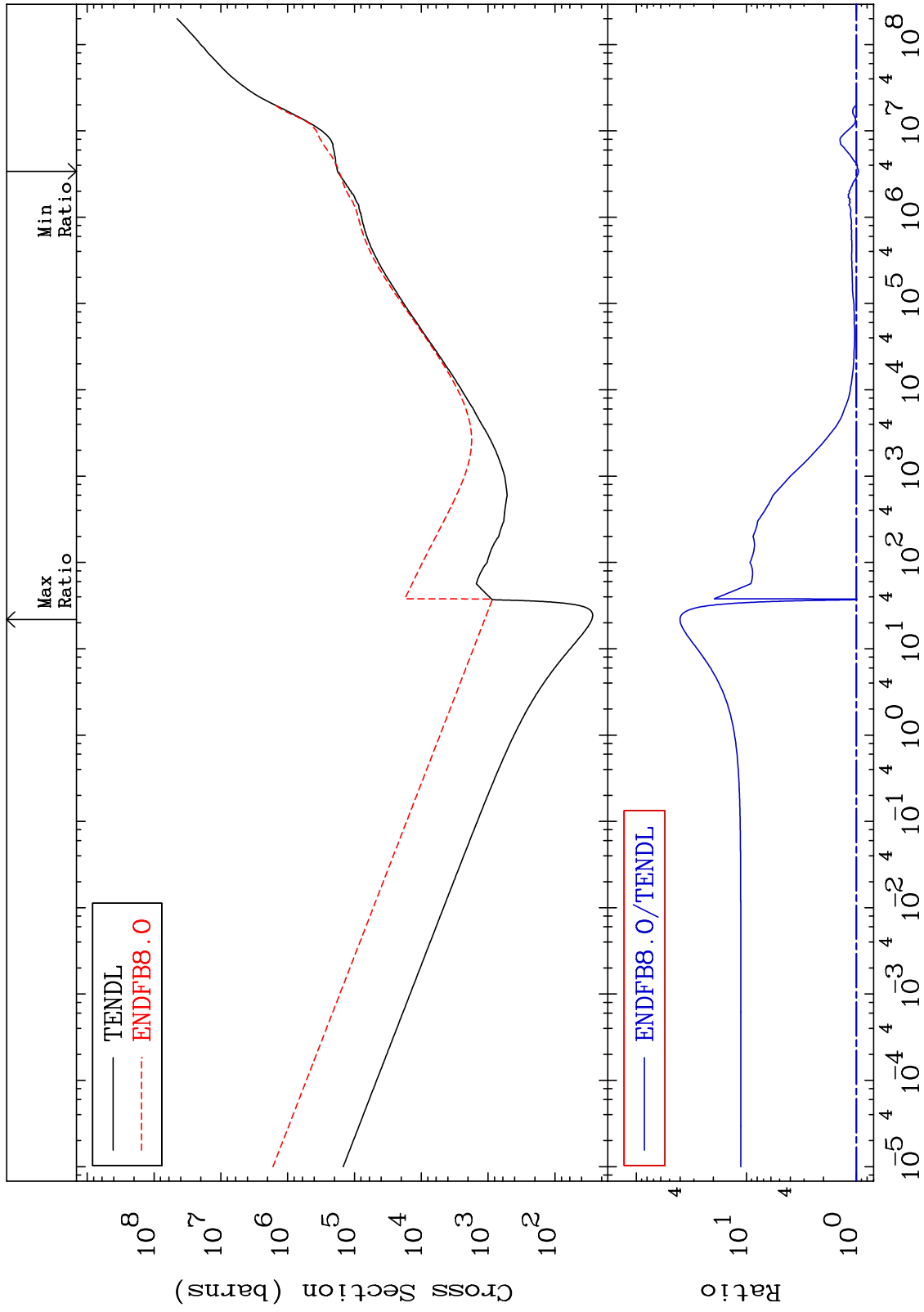
Incident Energy (eV)

34-Se-79

MAT 3440

Total kinematic kerma (high limit)  
Cross Section

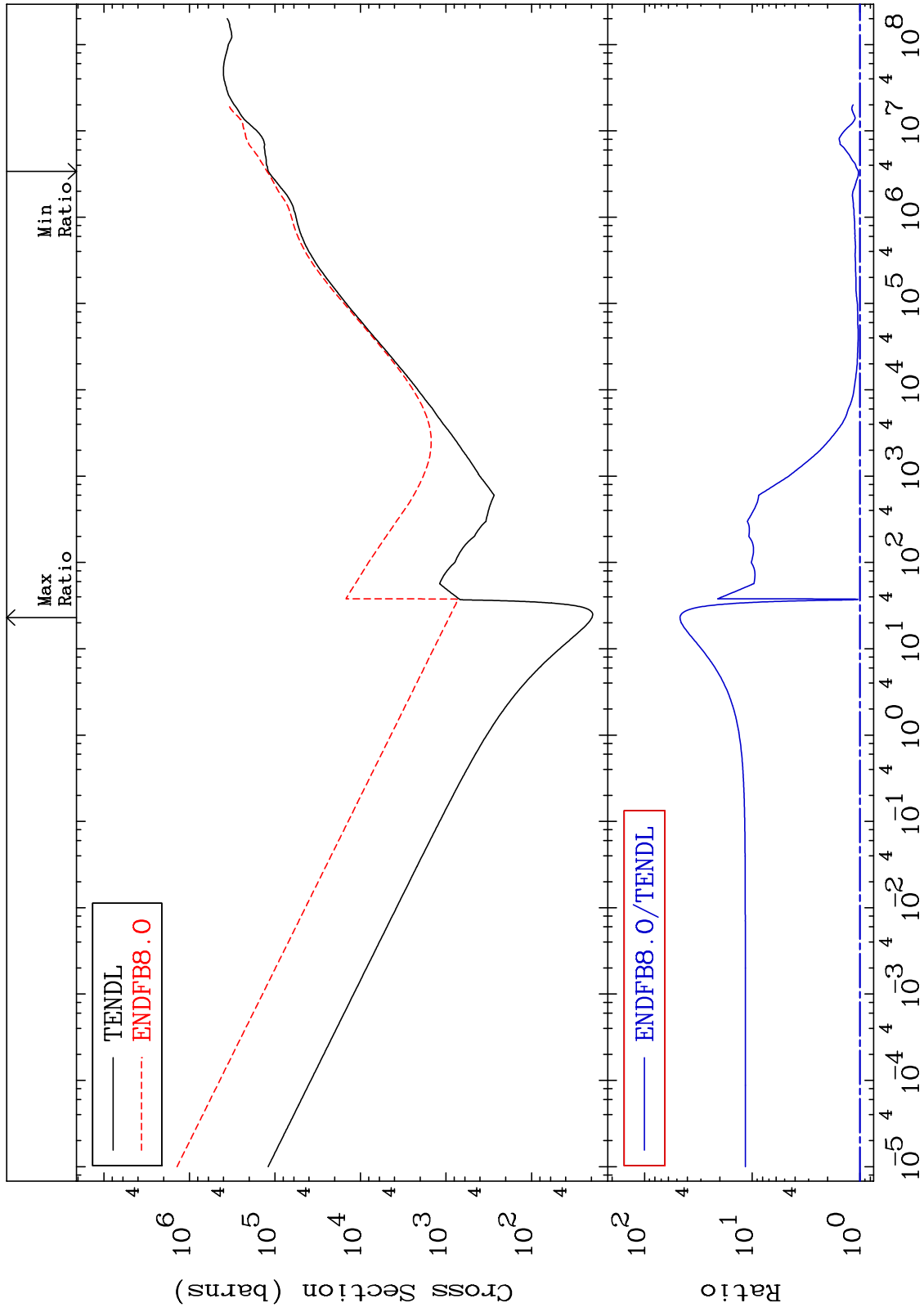
34-Se-79  
-3.952 To 3916. %



MAT 3440

Dpa total (eV-barns)  
Cross Section

34-Se-79  
3.338 To 4583. %



58

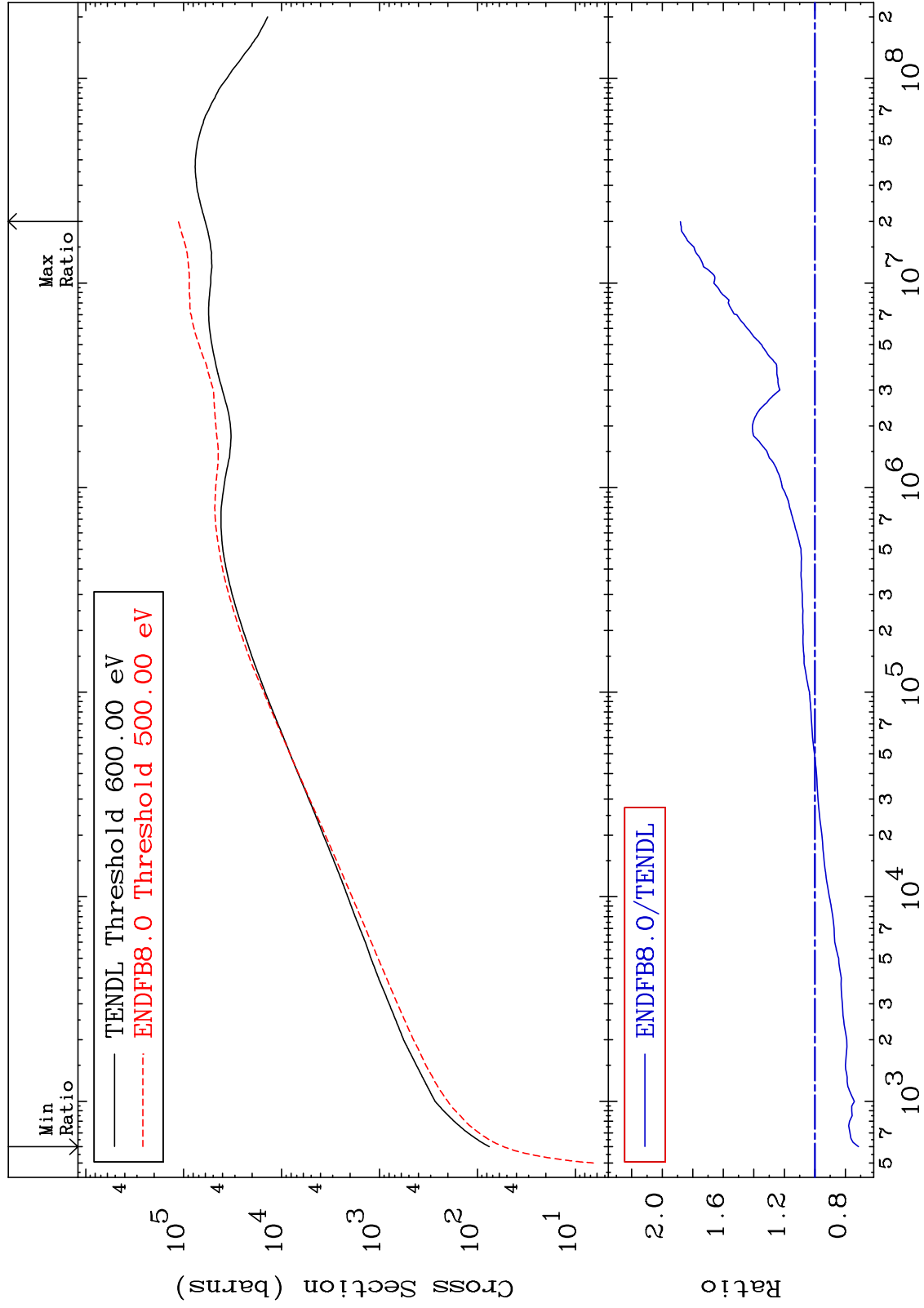
Incident Energy (eV)

34-Se-79

MAT 3440

Dpa elastic (mt2)  
Cross Section

34-Se-79  
-28.57 To 88.07 %



59

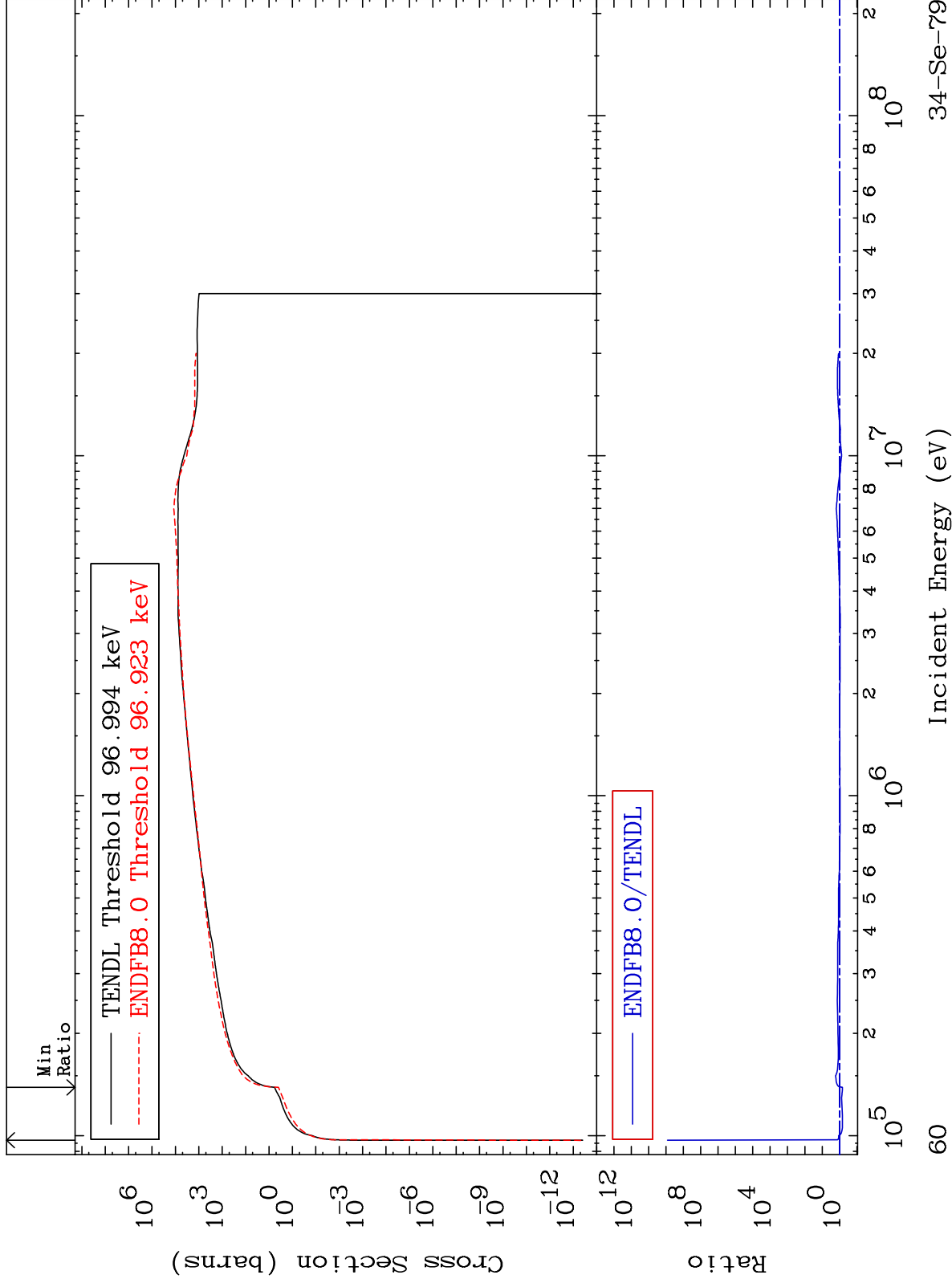
Incident Energy (eV)

34-Se-79

MAT 3440

Dpa inelastic (mt51-91)  
Cross Section

34-Se-79  
-34.04 To 9999. %



MAT 3440

Dpa disappearance (mt102 -120)  
Cross Section

34-Se-79  
-3.475 To 9999. %

