

Program Complot  
(Version 2021-1)

by

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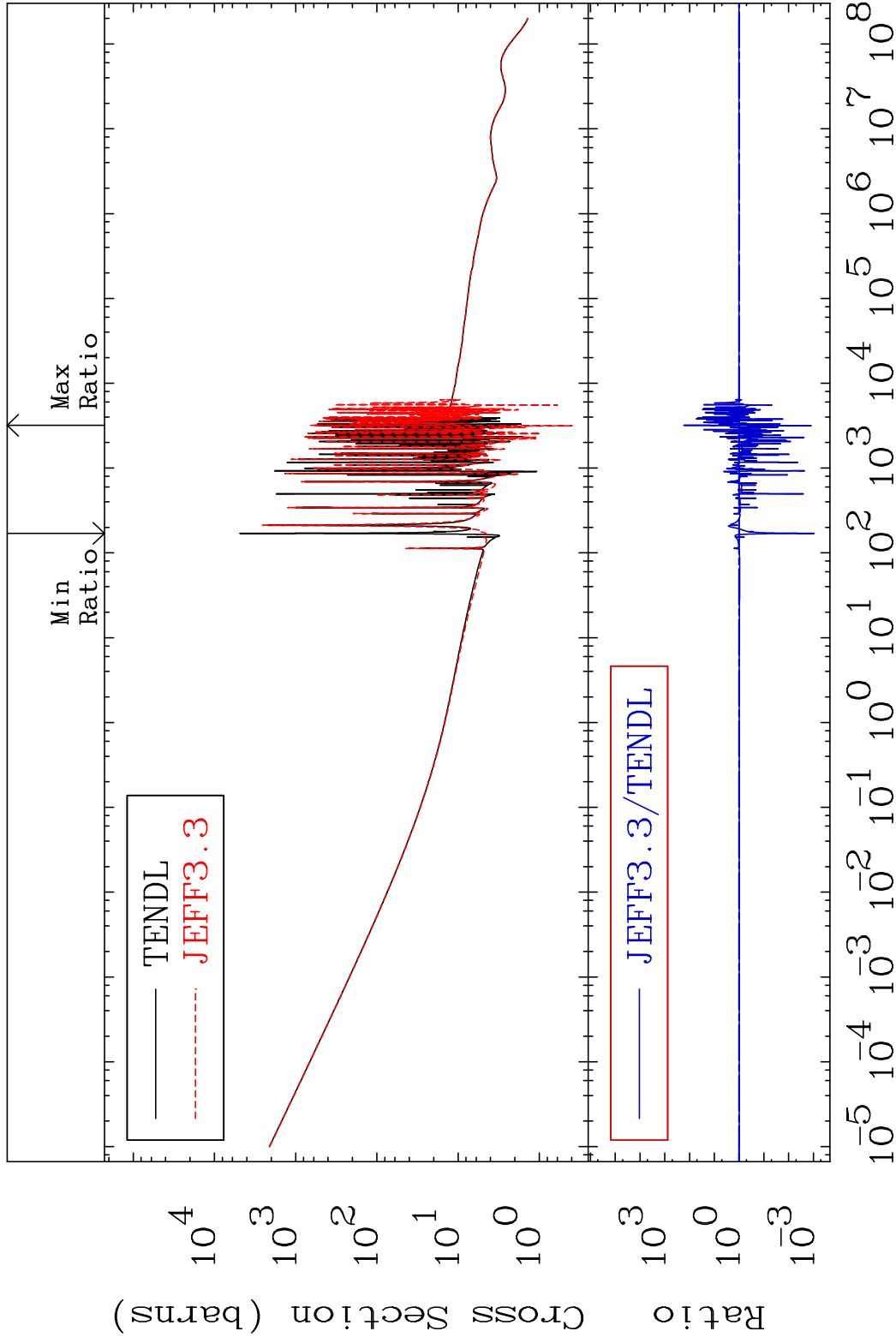
Press Mouse Button to Start

MAT 3434

Total

34-Se-77

Cross Section -99.91 To 9999. %



1

Incident Energy (eV)

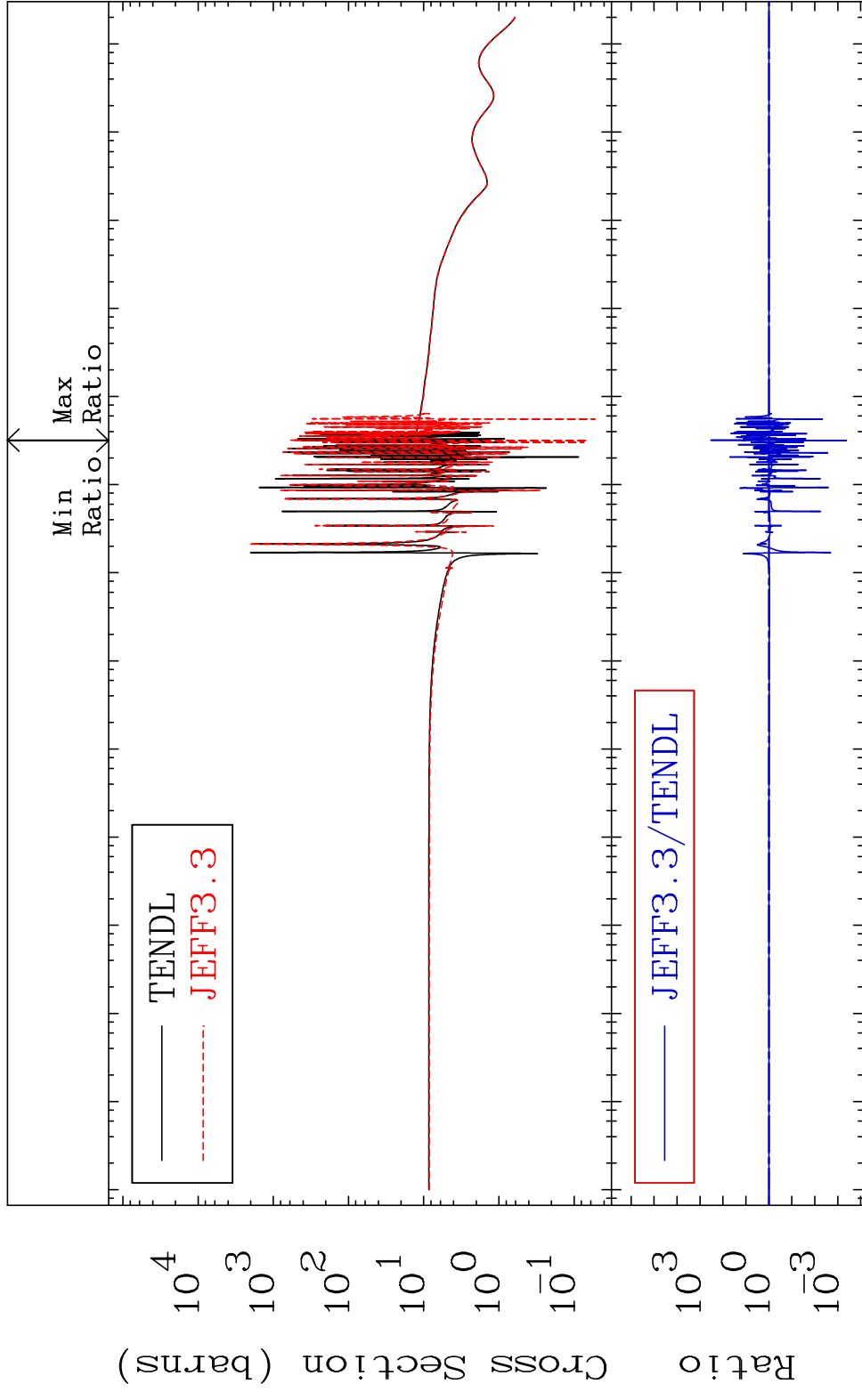
34-Se-77

MAT 3434

34-Se-77

Elastic

Cross Section -99.96 To 9999. %



2

Incident Energy (eV)

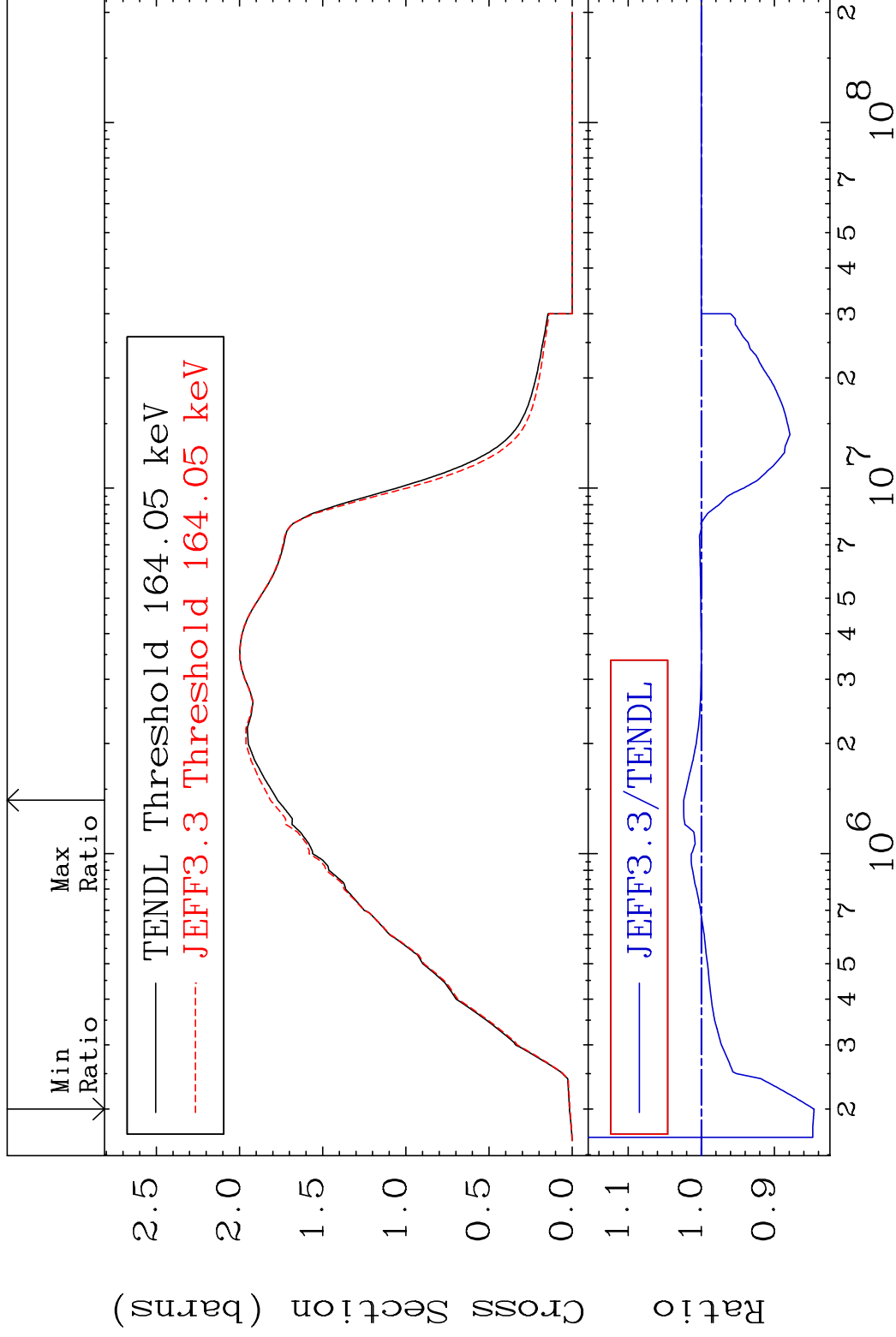
34-Se-77

MAT 3434

Inelastic

<sup>34</sup>Se-77

Cross Section -15.41 To 2.415 %



3

Incident Energy (eV)

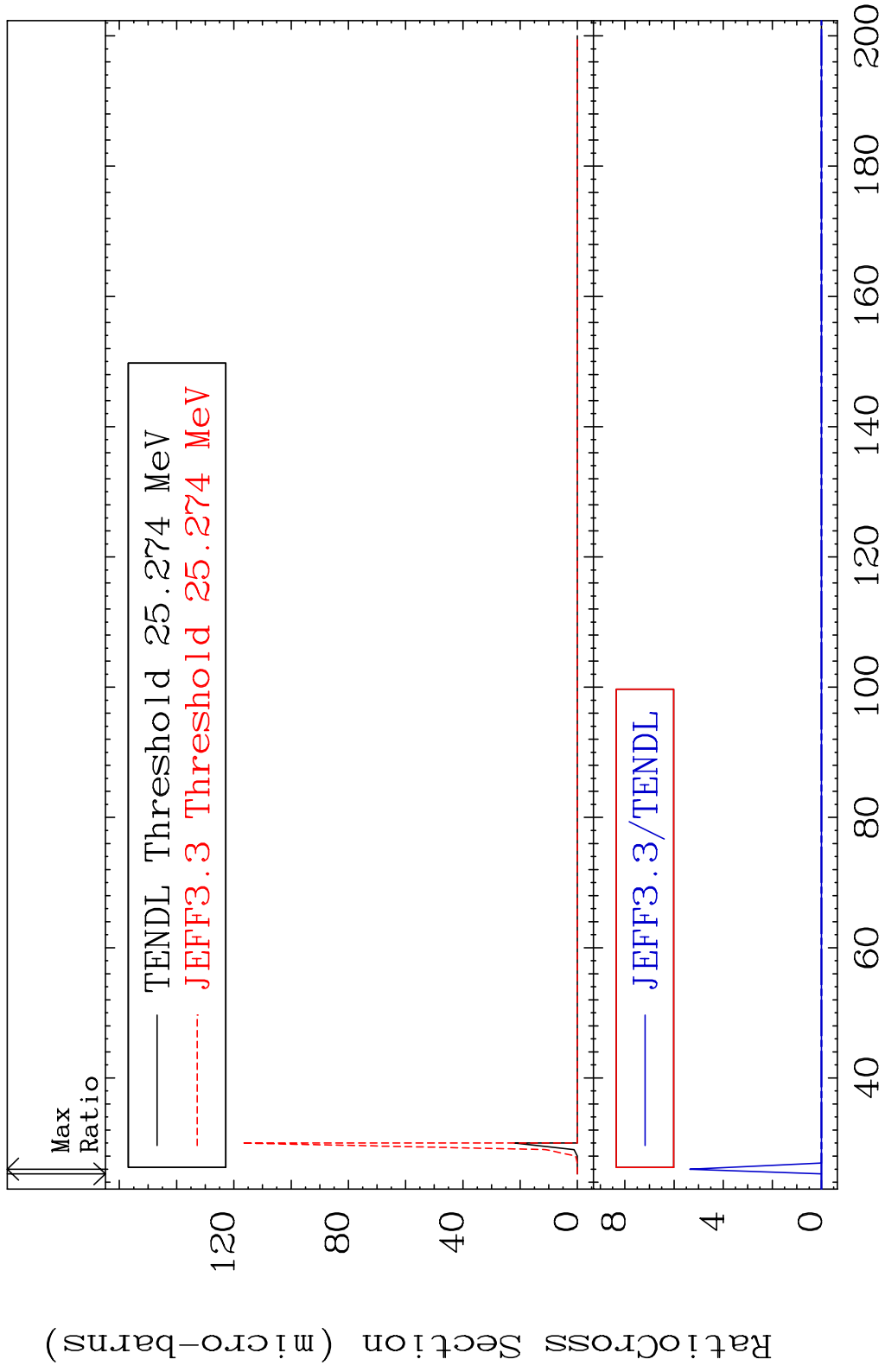
<sup>34</sup>Se-77

MAT 3434

(n,2n) d

34-Se-77

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

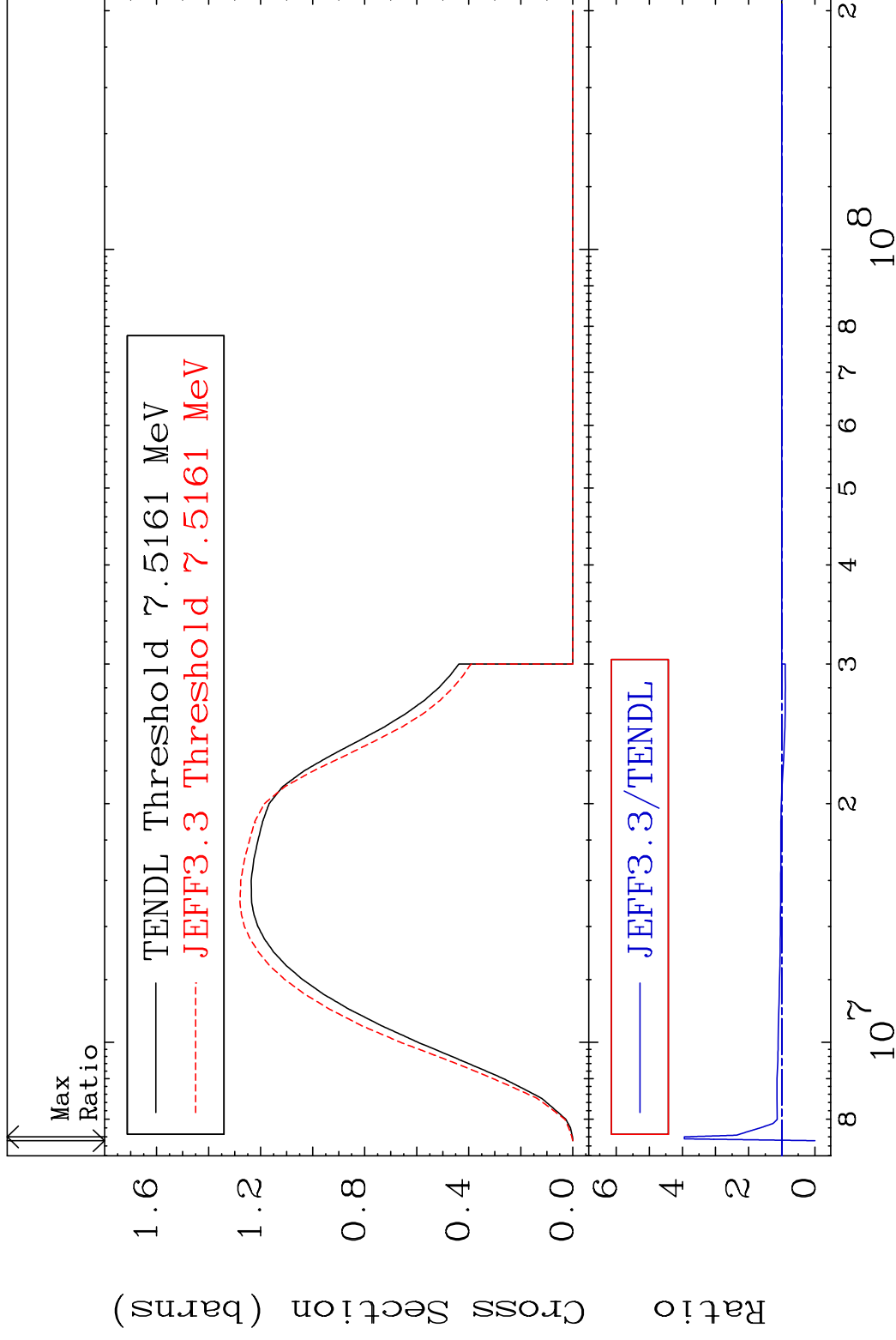
34-Se-77

MAT 3434

(n,2n)

<sup>34</sup>Se-77

Cross Section -100.0 To 294.4 %

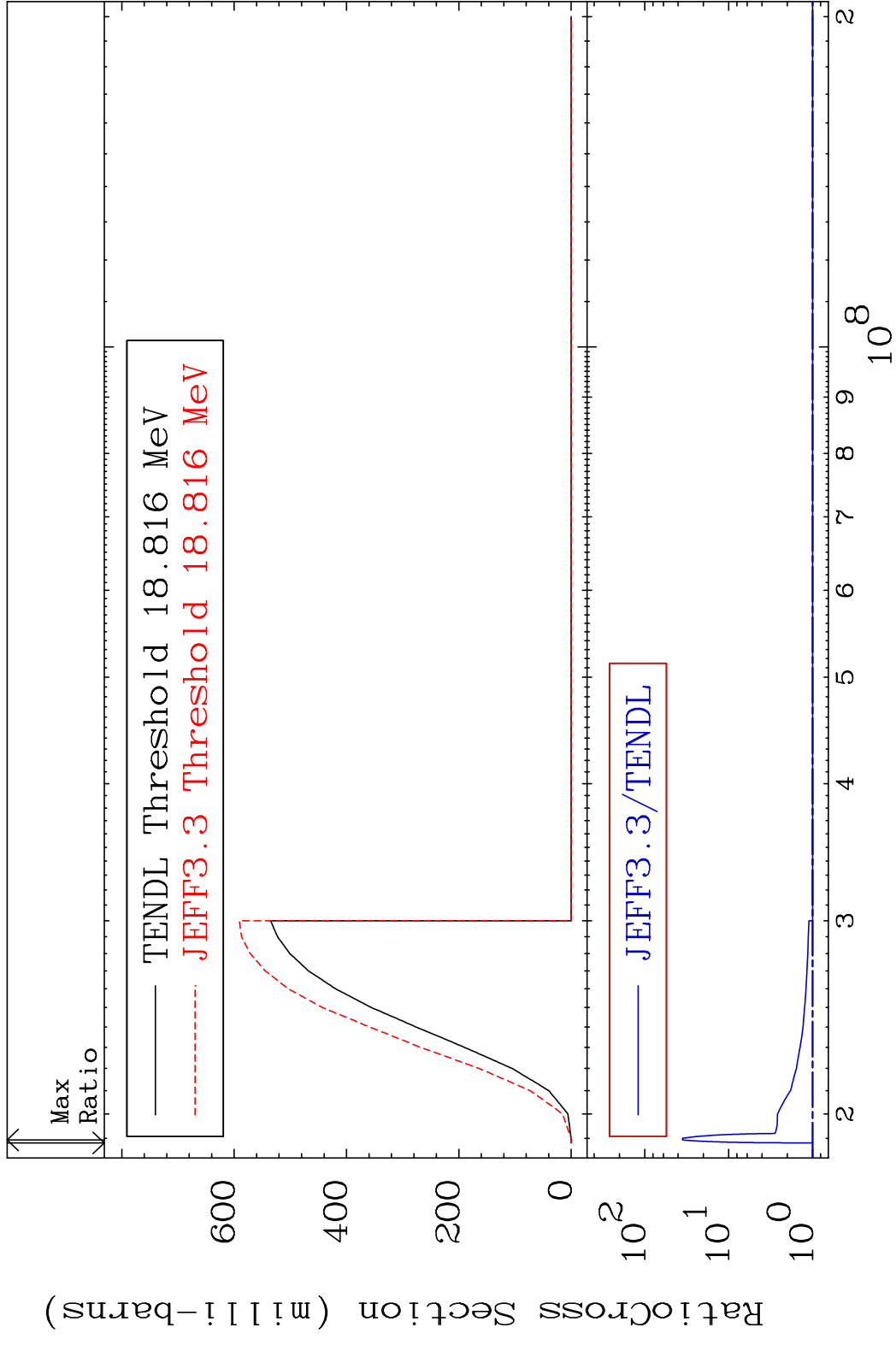


5

Incident Energy (eV)

<sup>34</sup>Se-77

MAT 3434 (n,3n) 34-Se-77  
 Cross Section 0.000 To 3464. %

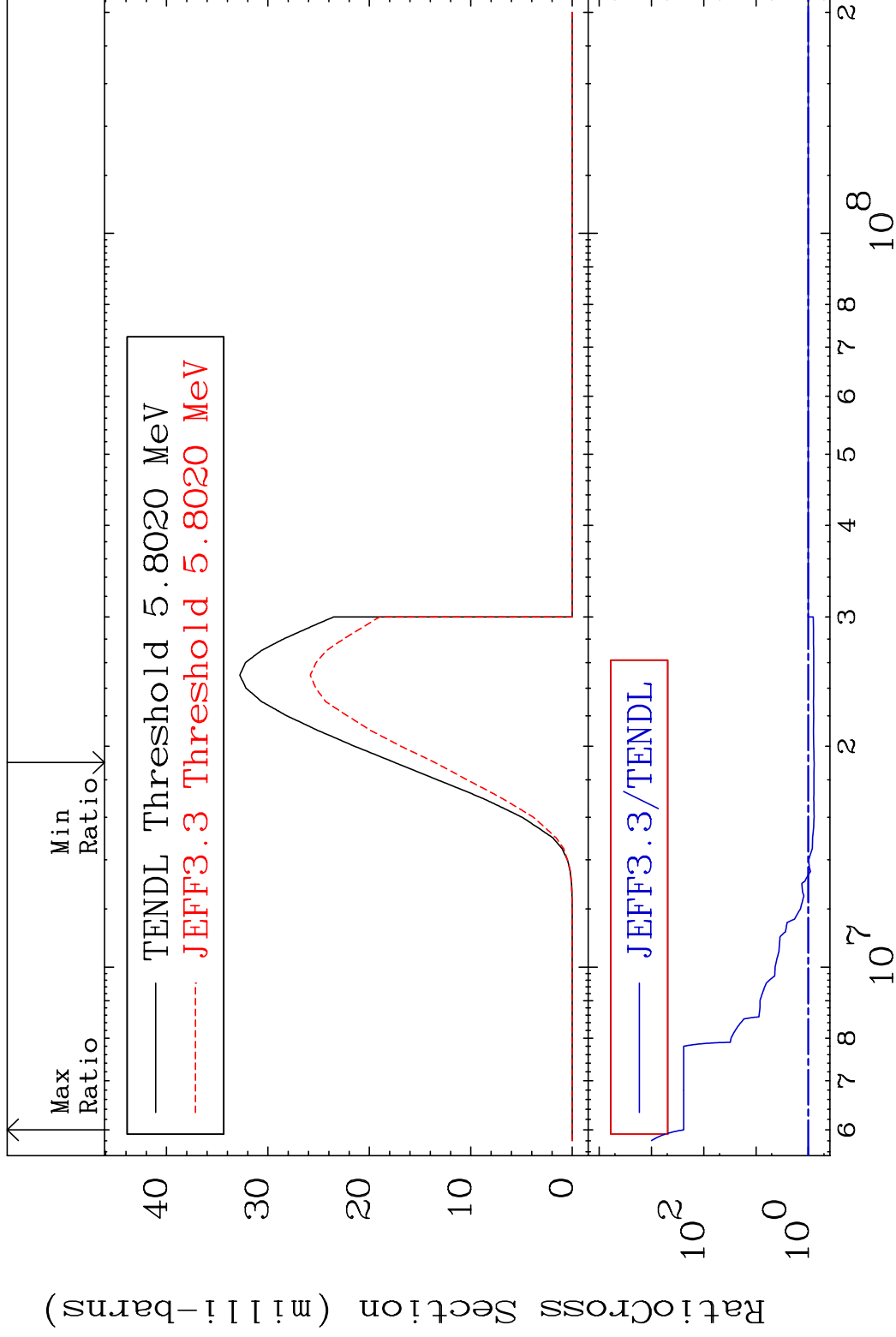


MAT 3434

(n, n')  $\alpha$

34-Se-77

Cross Section -22.66 To 9999. %



7

Incident Energy (eV)

34-Se-77

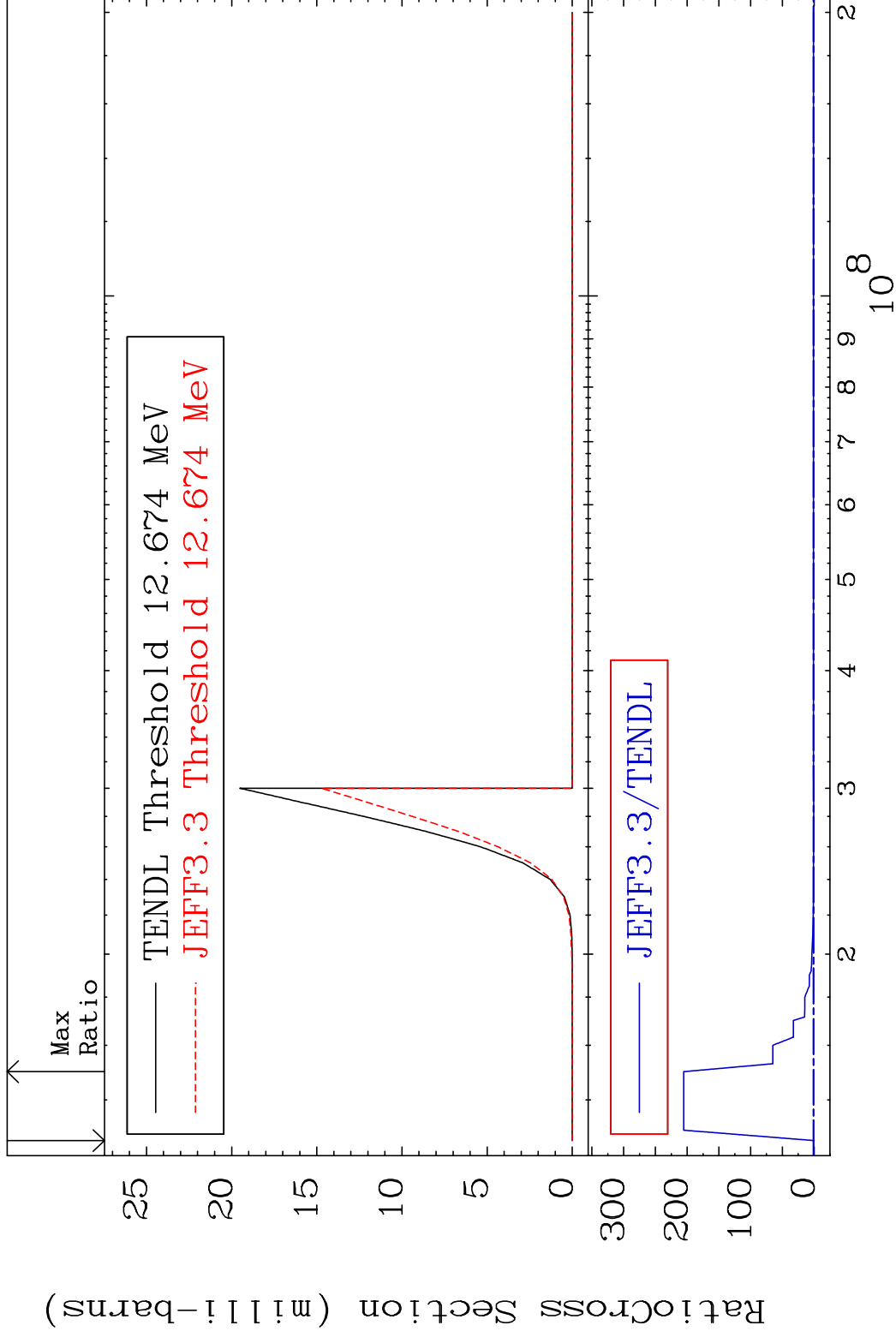


MAT 3434

(n,2n)  $\alpha$

34-Se-77

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

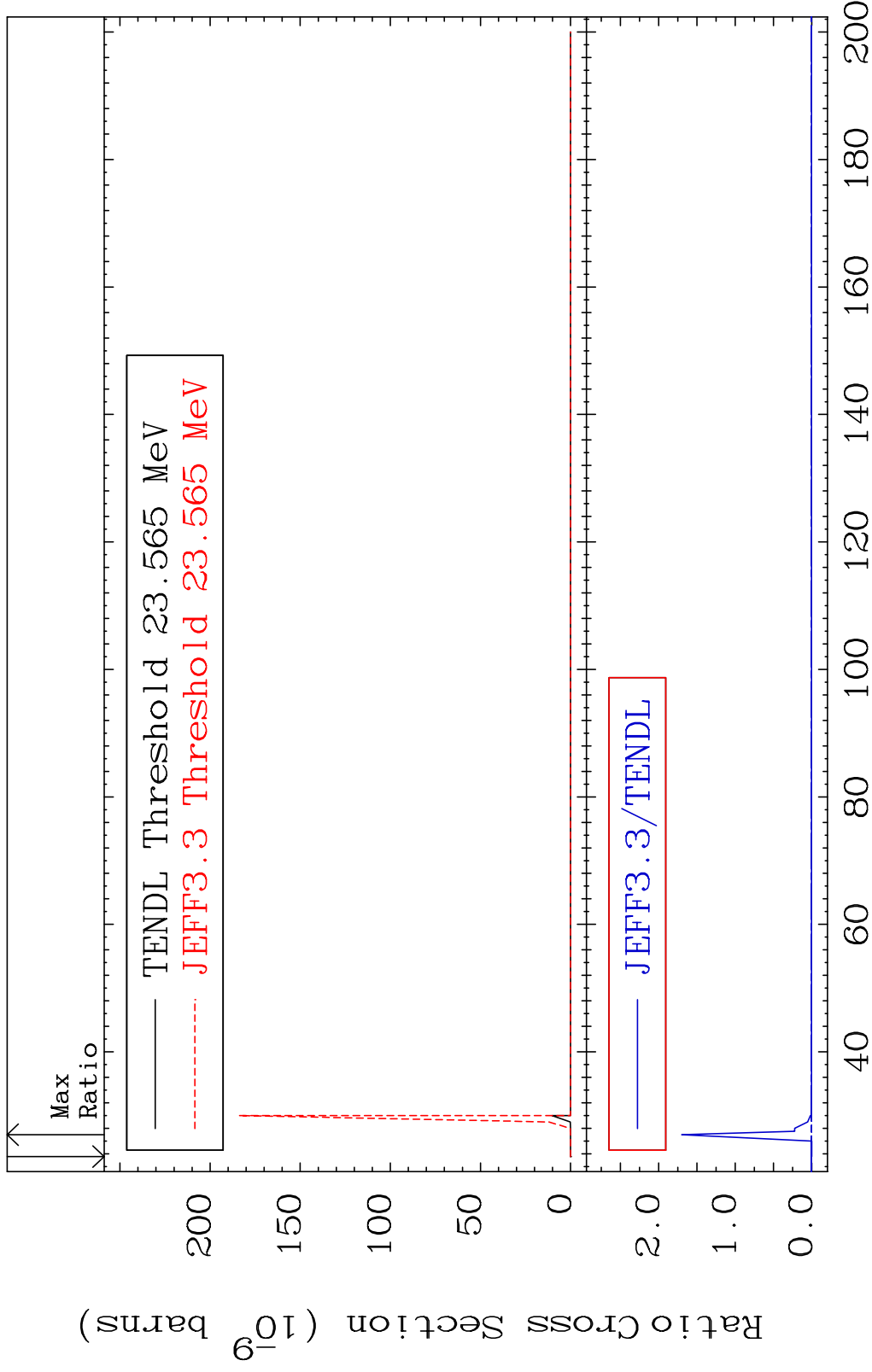
34-Se-77

MAT 3434

(n,3n)  $\alpha$

34-Se-77

Cross Section -100.0 To 9999. %

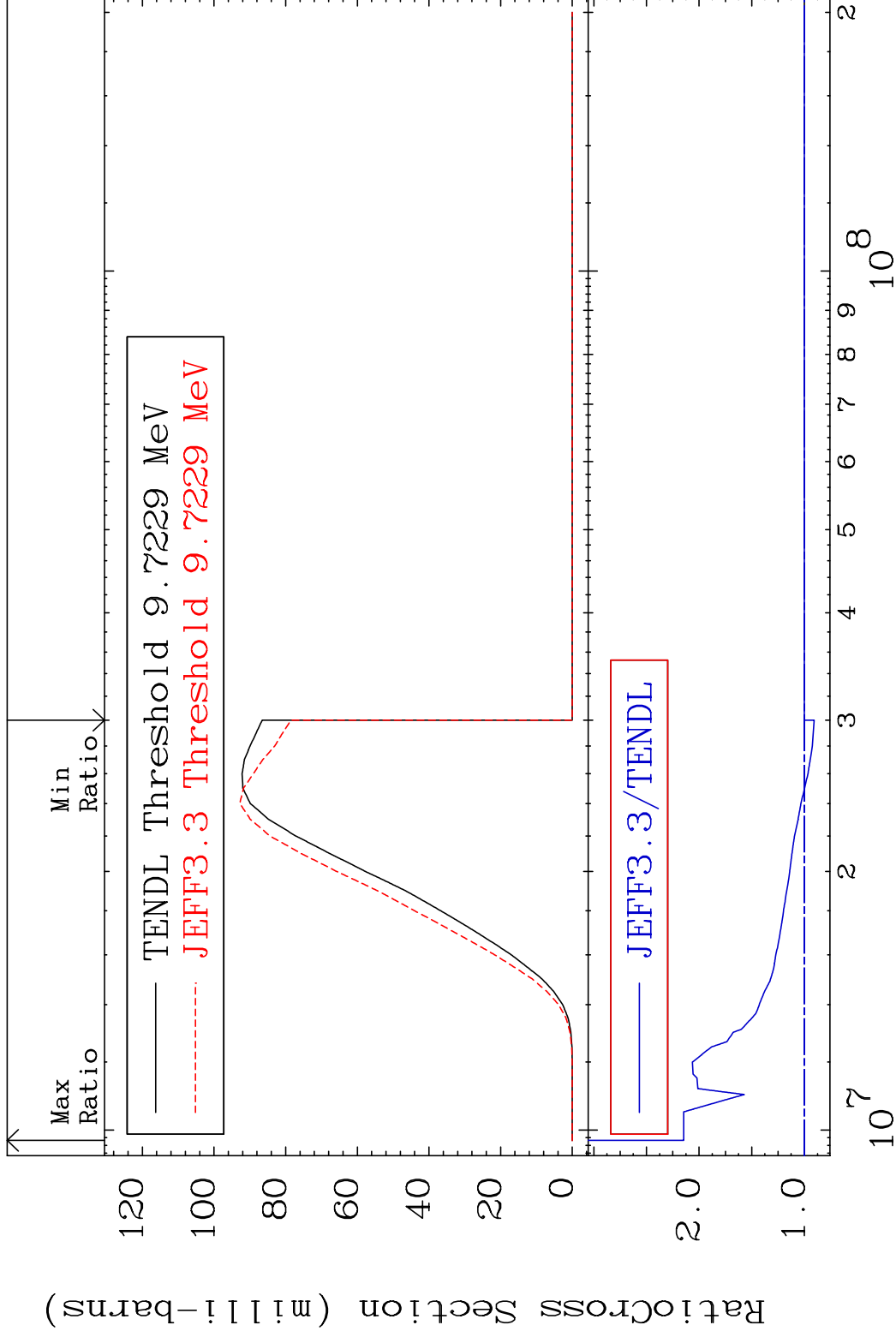


MAT 3434

(n, n') p

<sup>34</sup>Se-77

Cross Section -9.264 To 114.6 %



10

Incident Energy (eV)

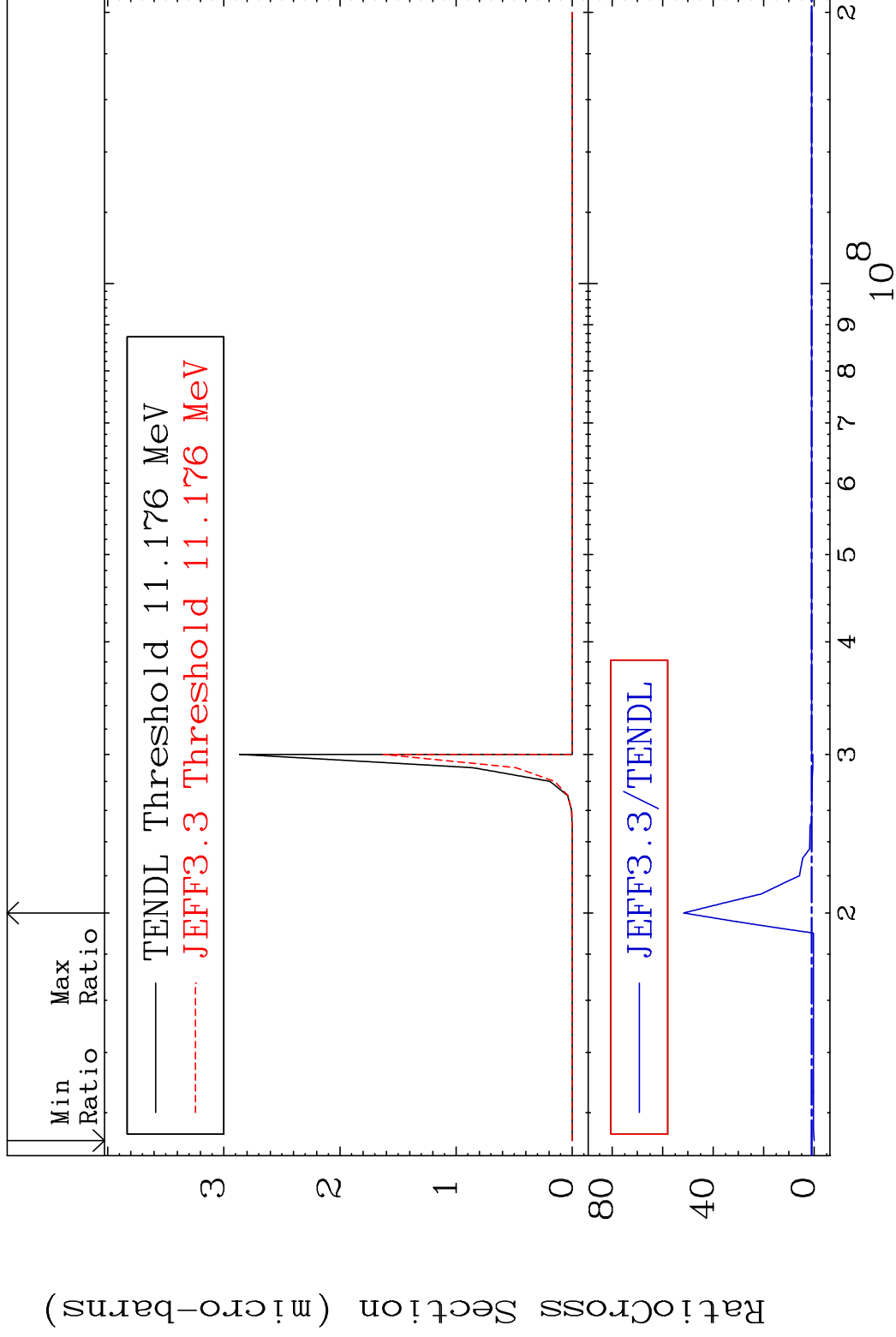
<sup>34</sup>Se-77

MAT 3434

(n, n') 2 $\alpha$

34-Se-77

Cross Section -100.0 To 5068. %

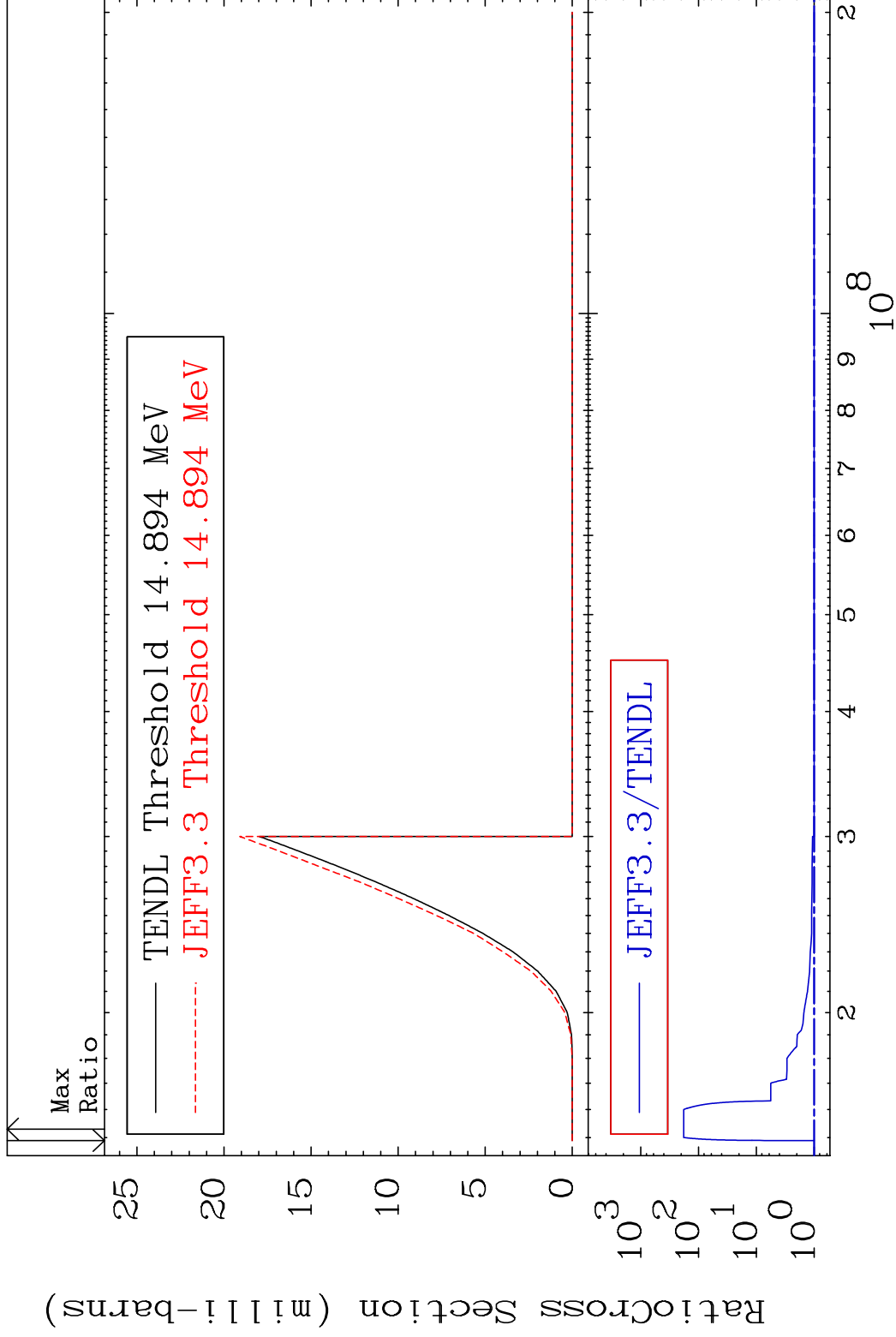


MAT 3434

(n, n') d

34-Se-77

Cross Section 0.000 To 9999. %

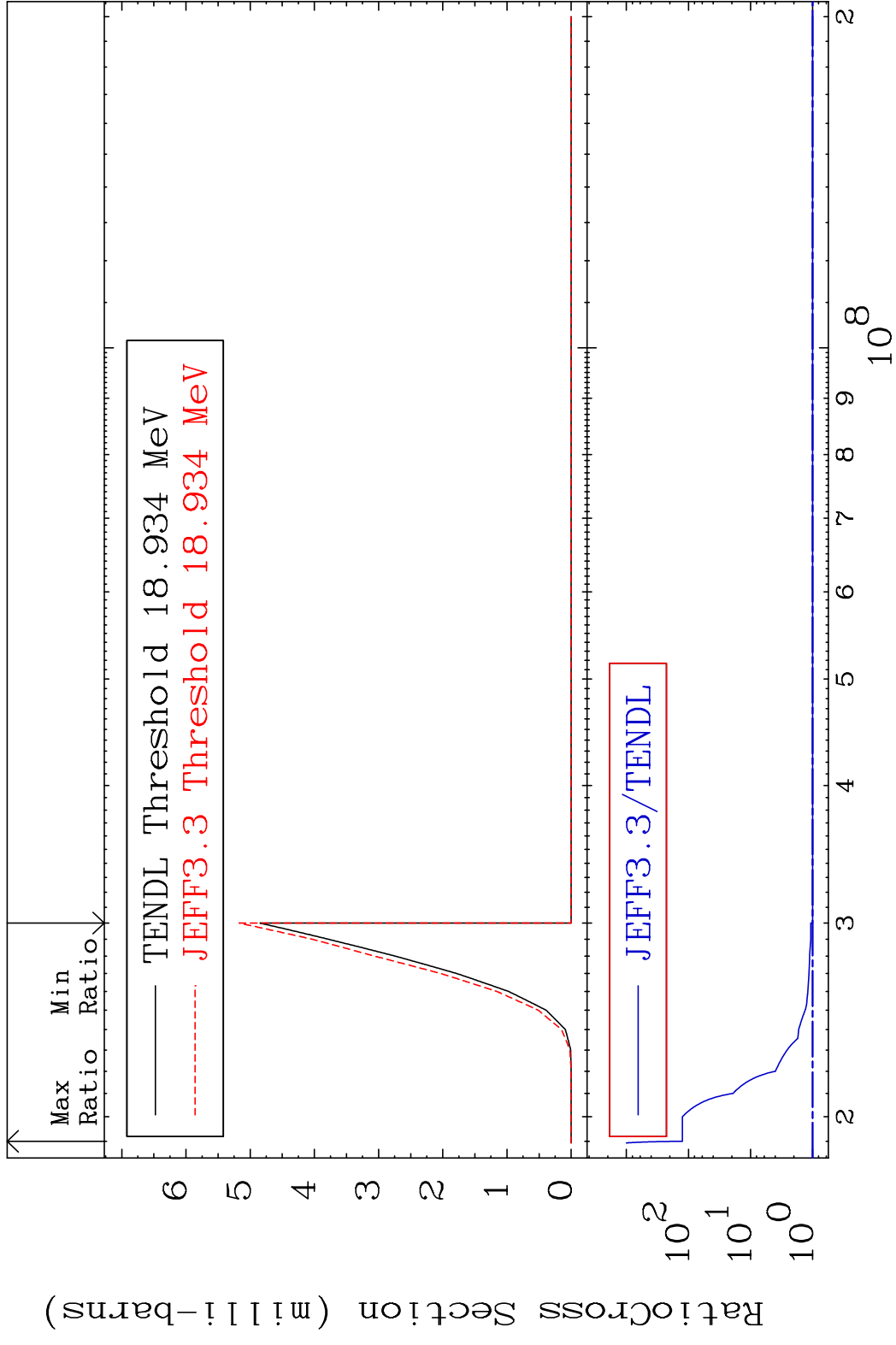


12

Incident Energy (eV)

34-Se-77

MAT 3434 (n, n') t 34-Se-77  
 Cross Section 0.000 To 9999. %

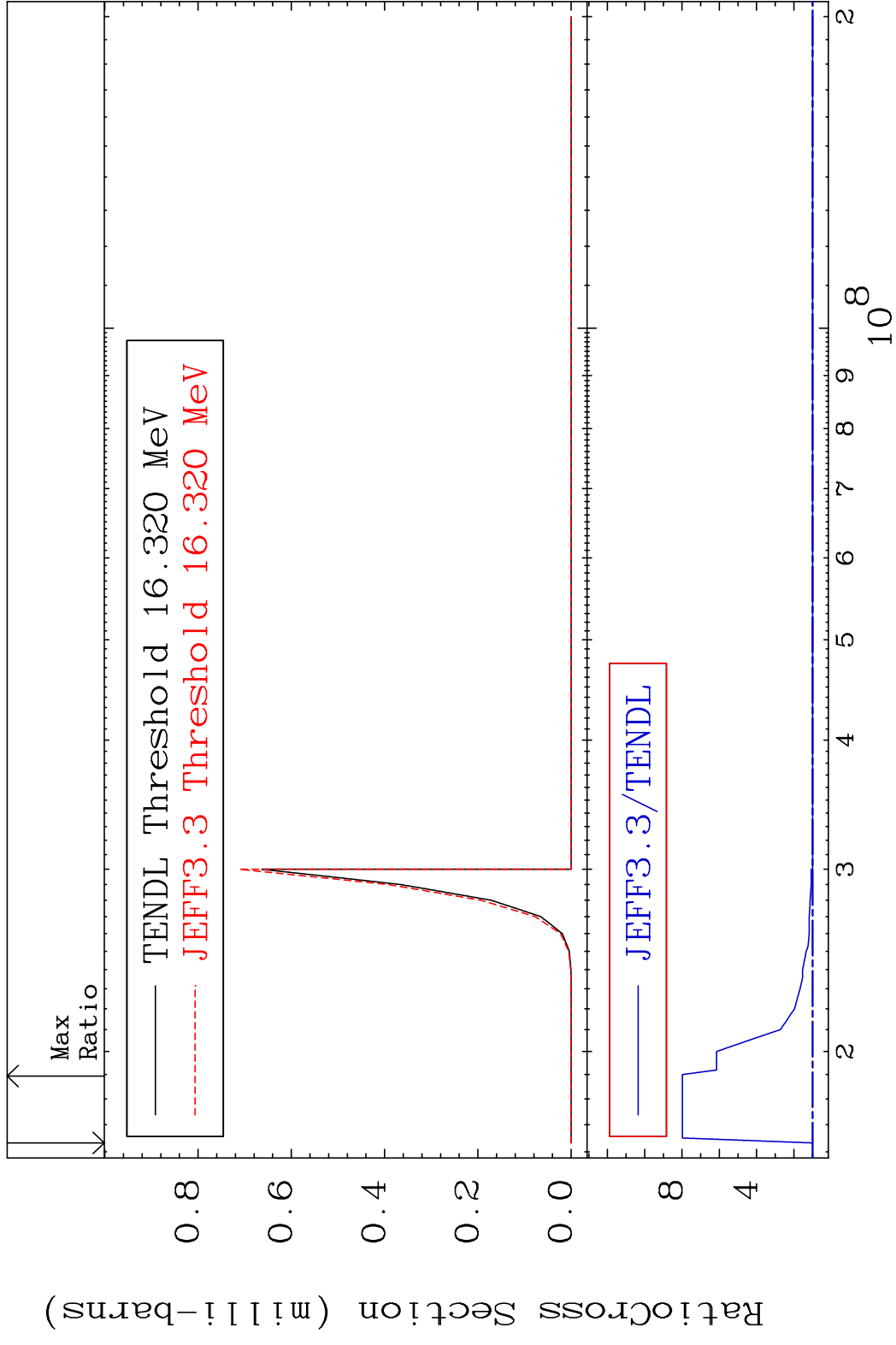


MAT 3434

(n,n') He-3

34-Se-77

Cross Section 0.000 To 698.2 %

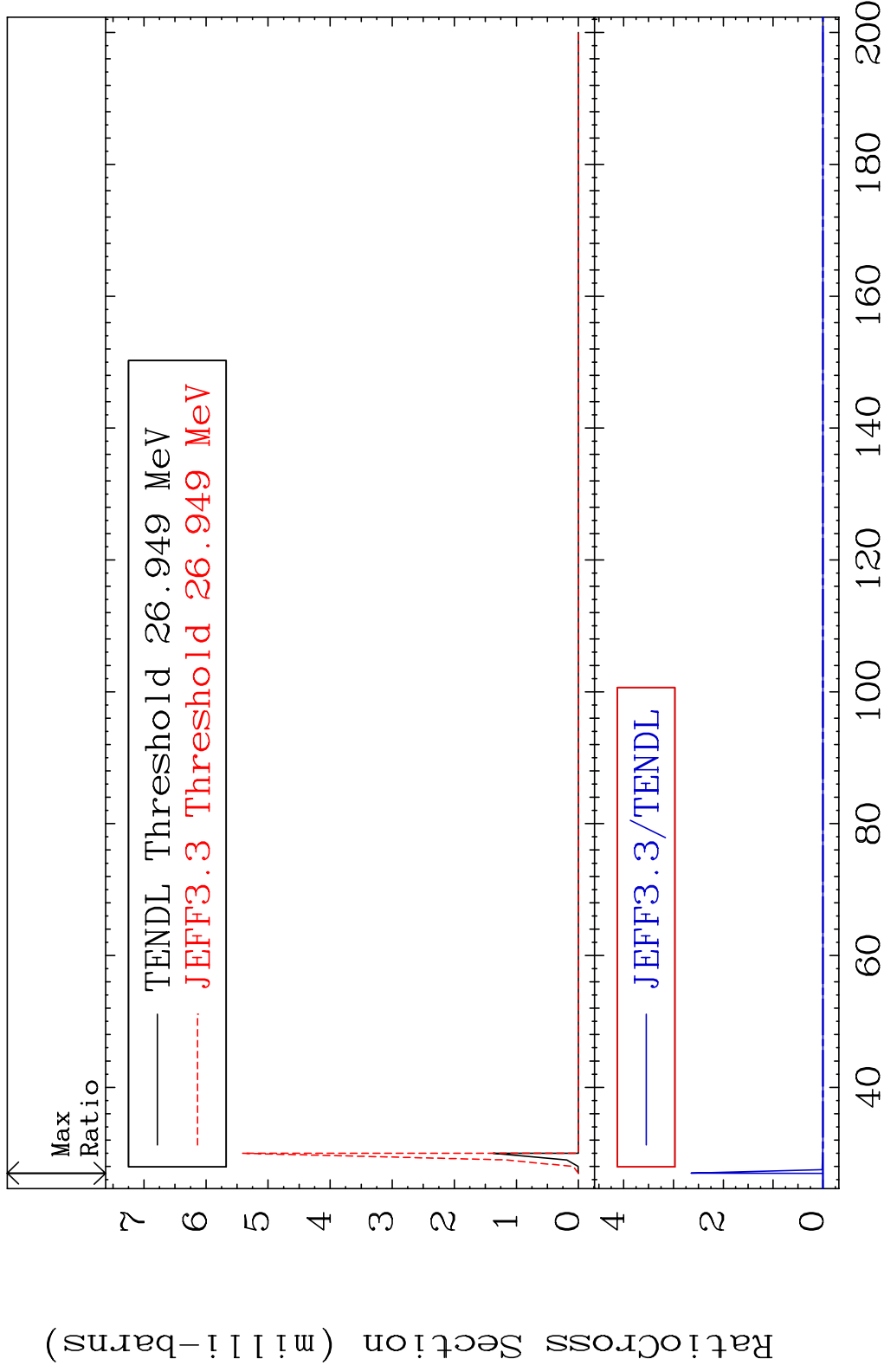


MAT 3434

(n,4n)

34-Se-77

Cross Section -100.0 To 9999. %



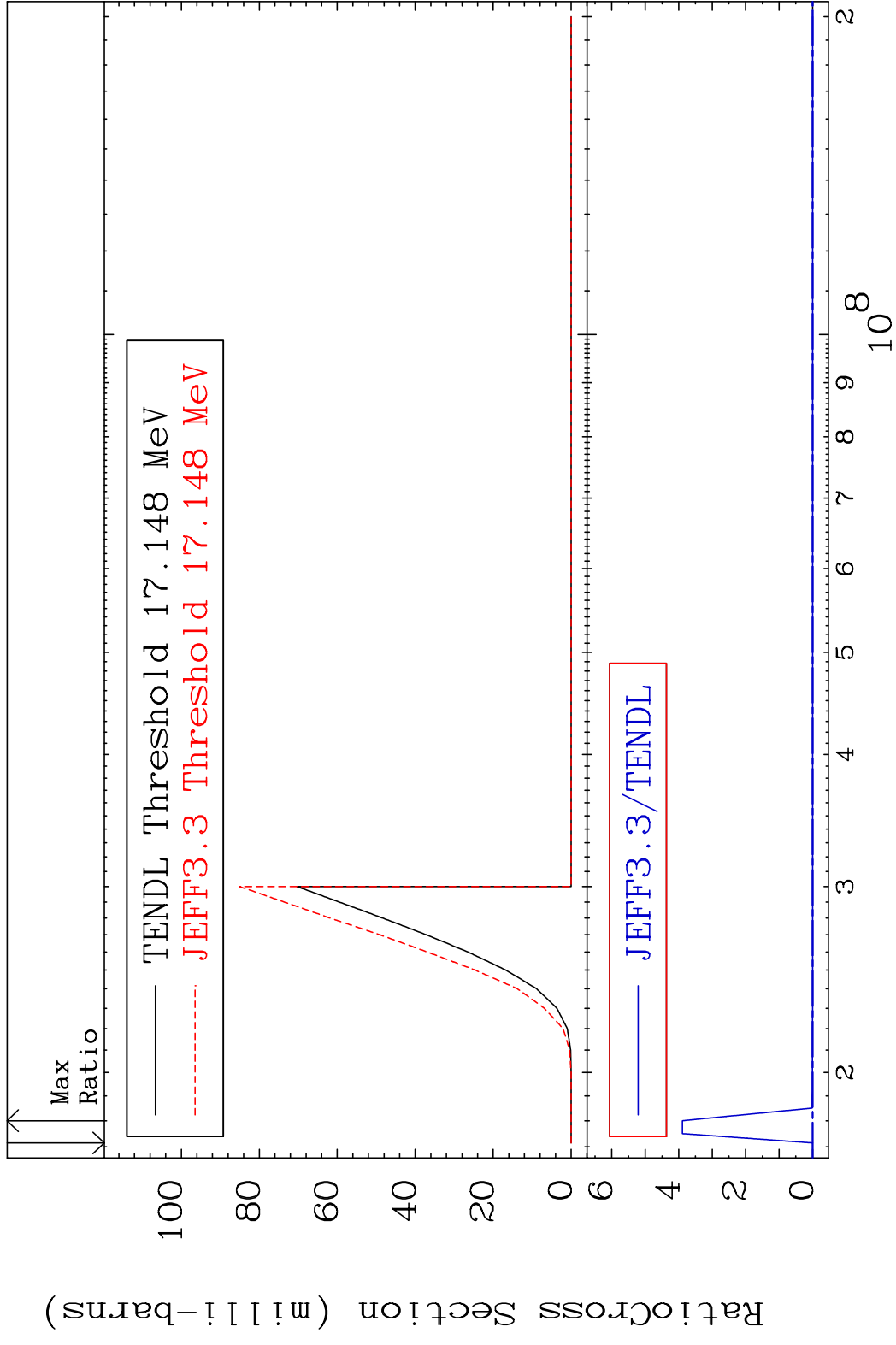
15

Incident Energy (MeV)

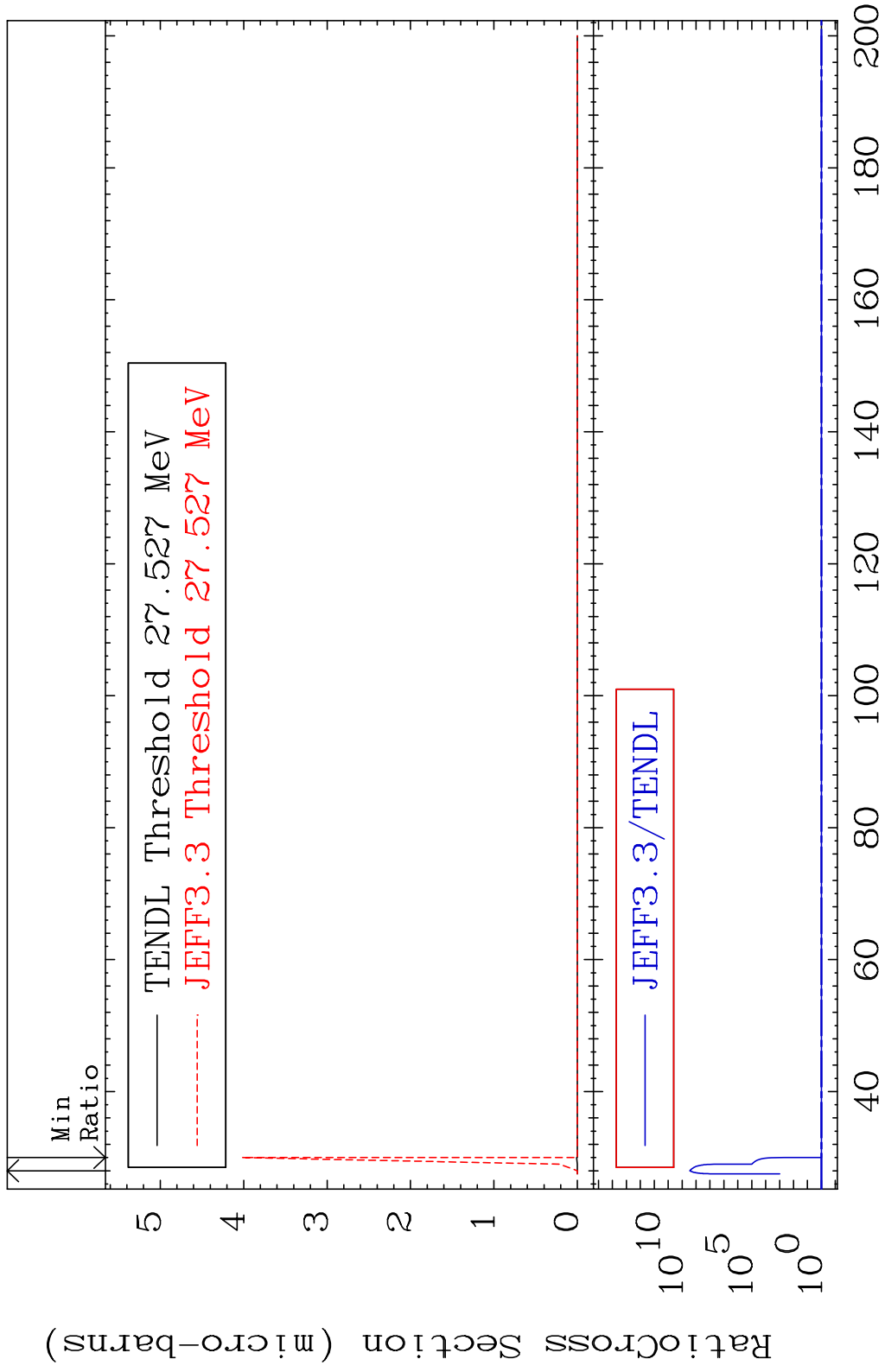
34-Se-77



MAT 3434 (n,2n) p 34-Se-77  
 Cross Section -100.0 To 9999. %



MAT 3434 (n,3n) p 34-Se-77  
 Cross Section 0.000 To 9999. %

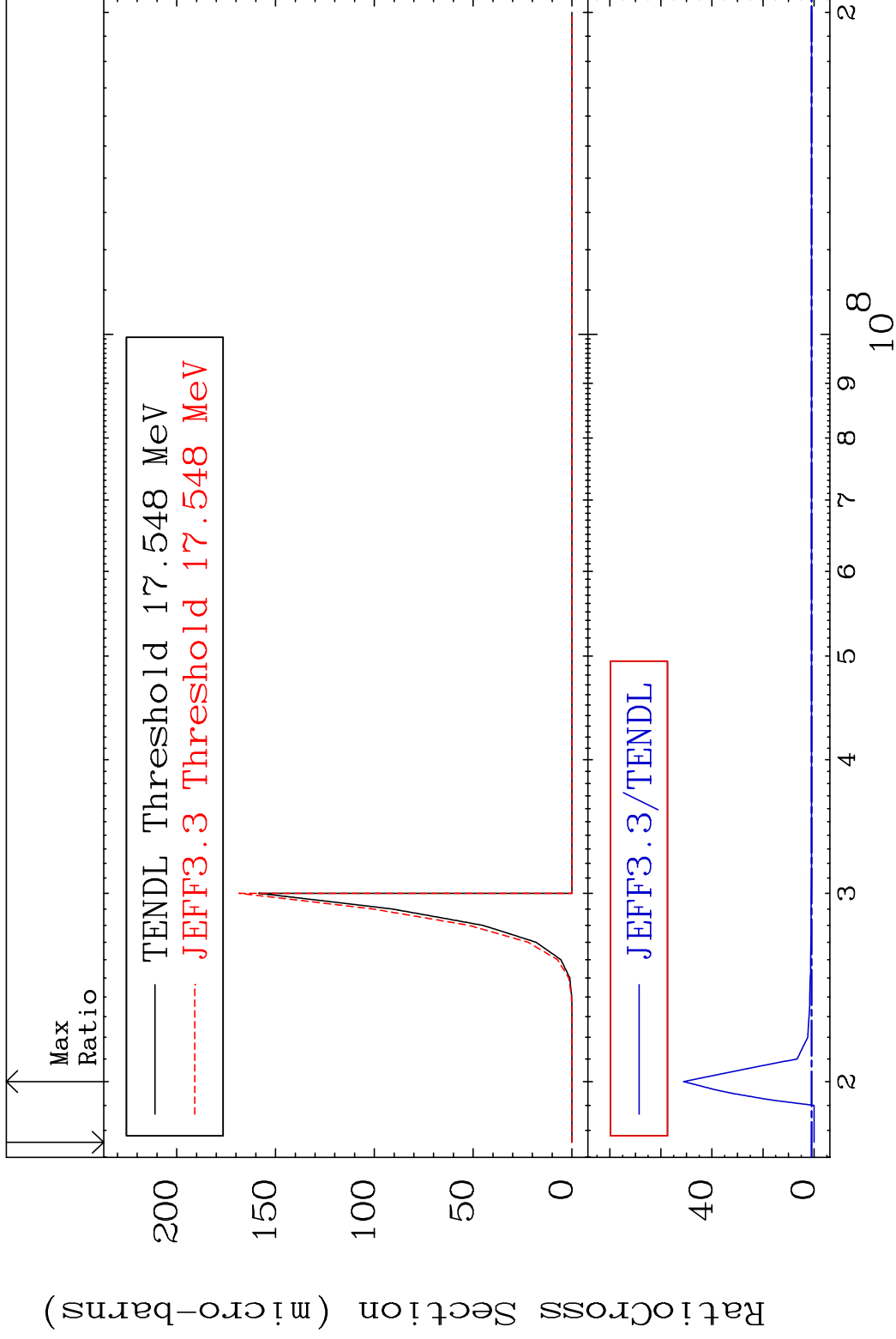


MAT 3434

(n,2n) p

<sup>34</sup>Se-77

Cross Section -100.0 To 5015. %



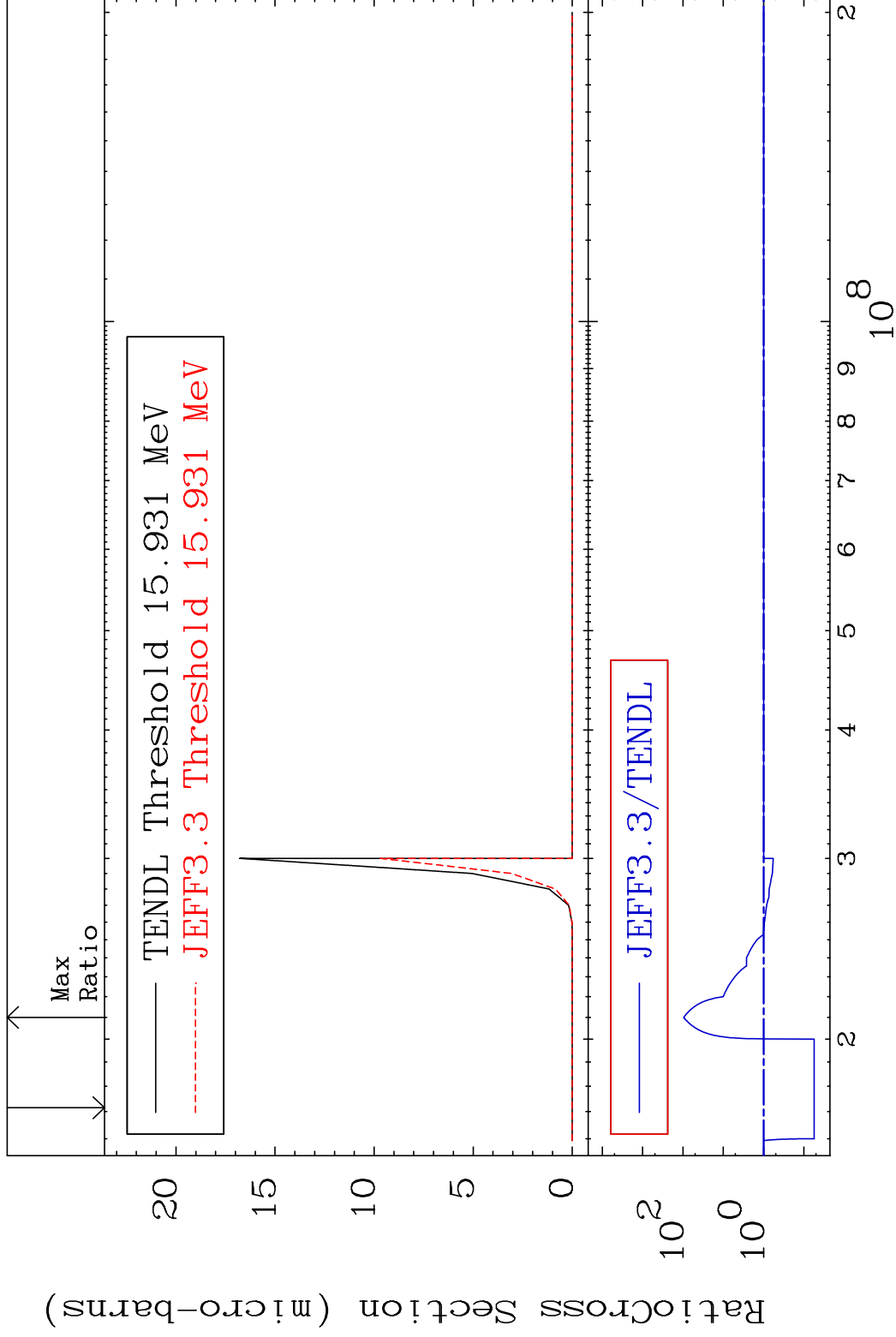
18

Incident Energy (eV)

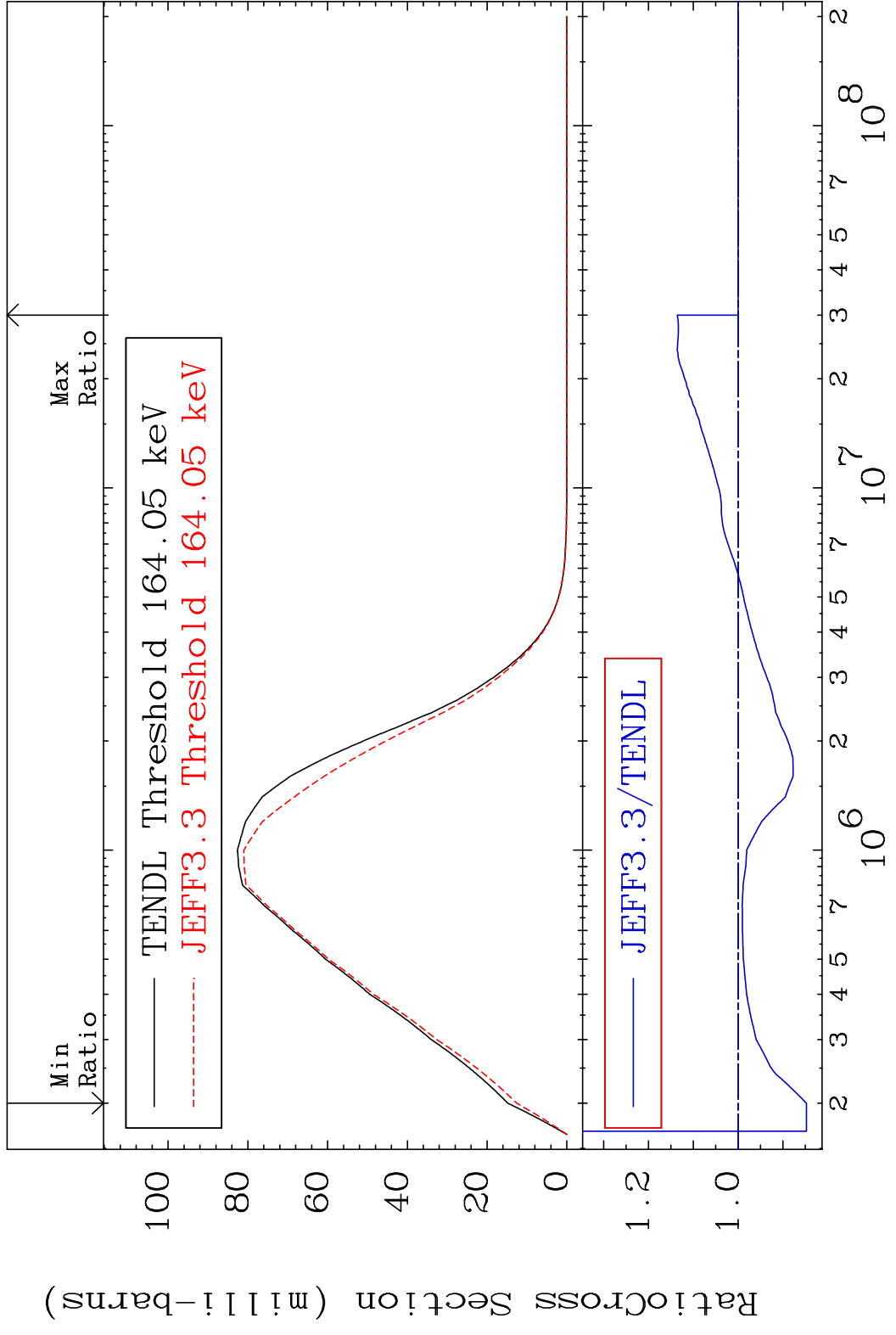
<sup>34</sup>Se-77

MAT 3434

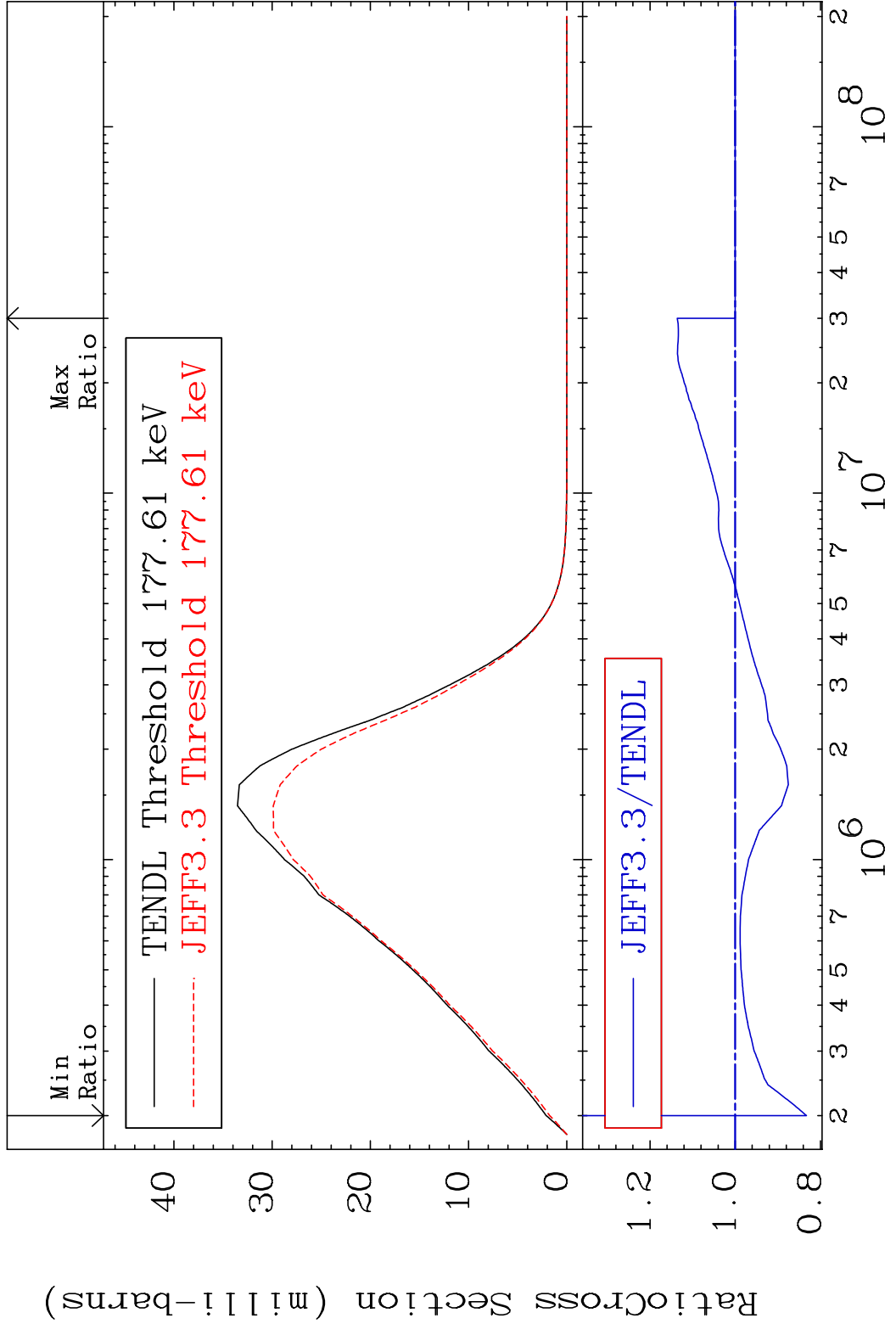
(n,n') p  $\alpha$  34-Se-77  
Cross Section -94.41 To 9524. %



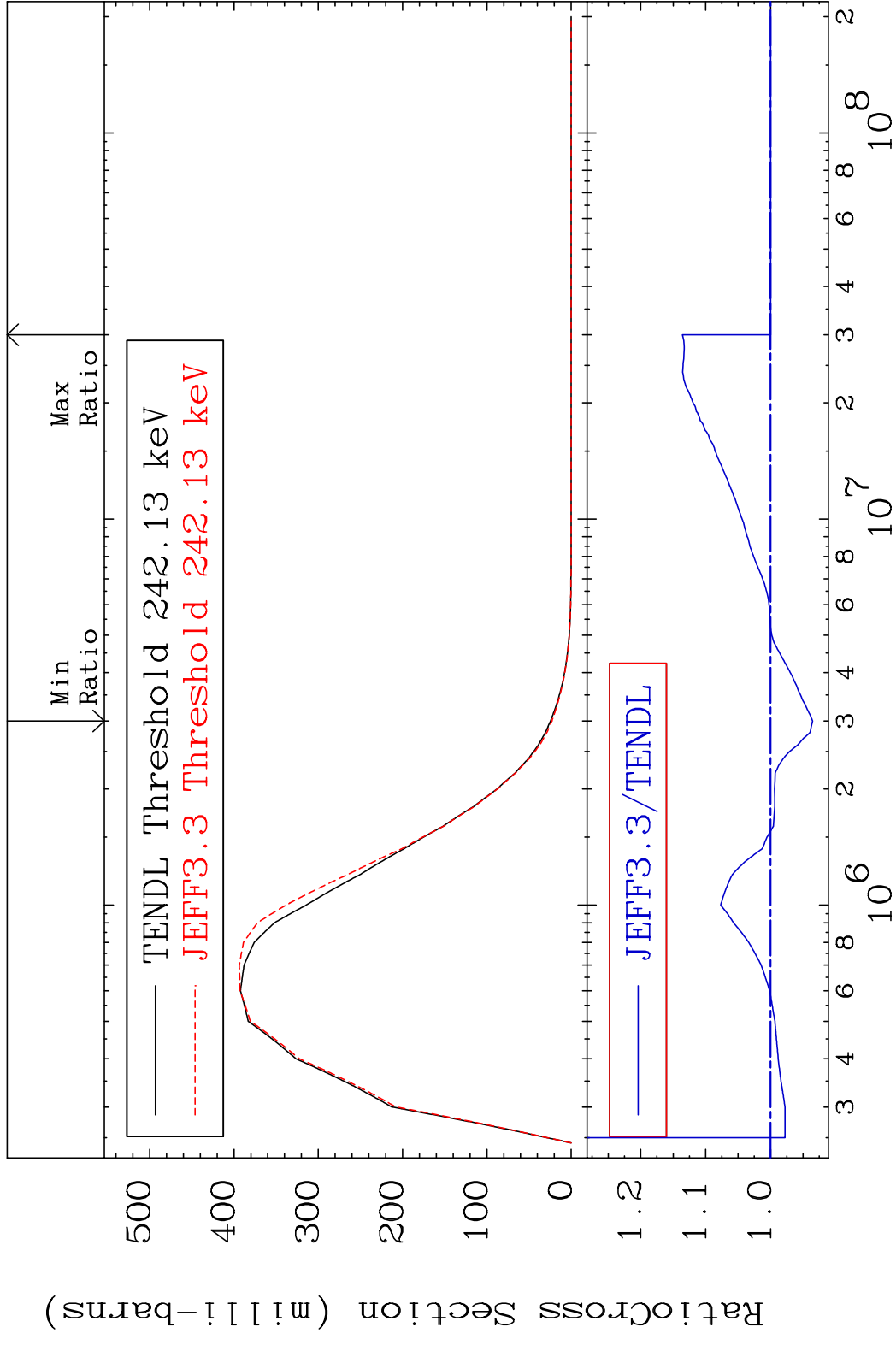
MAT 3434 MT= 51 (n,n') Level 34-Se-77  
 Cross Section -15.23 To 13.60 %



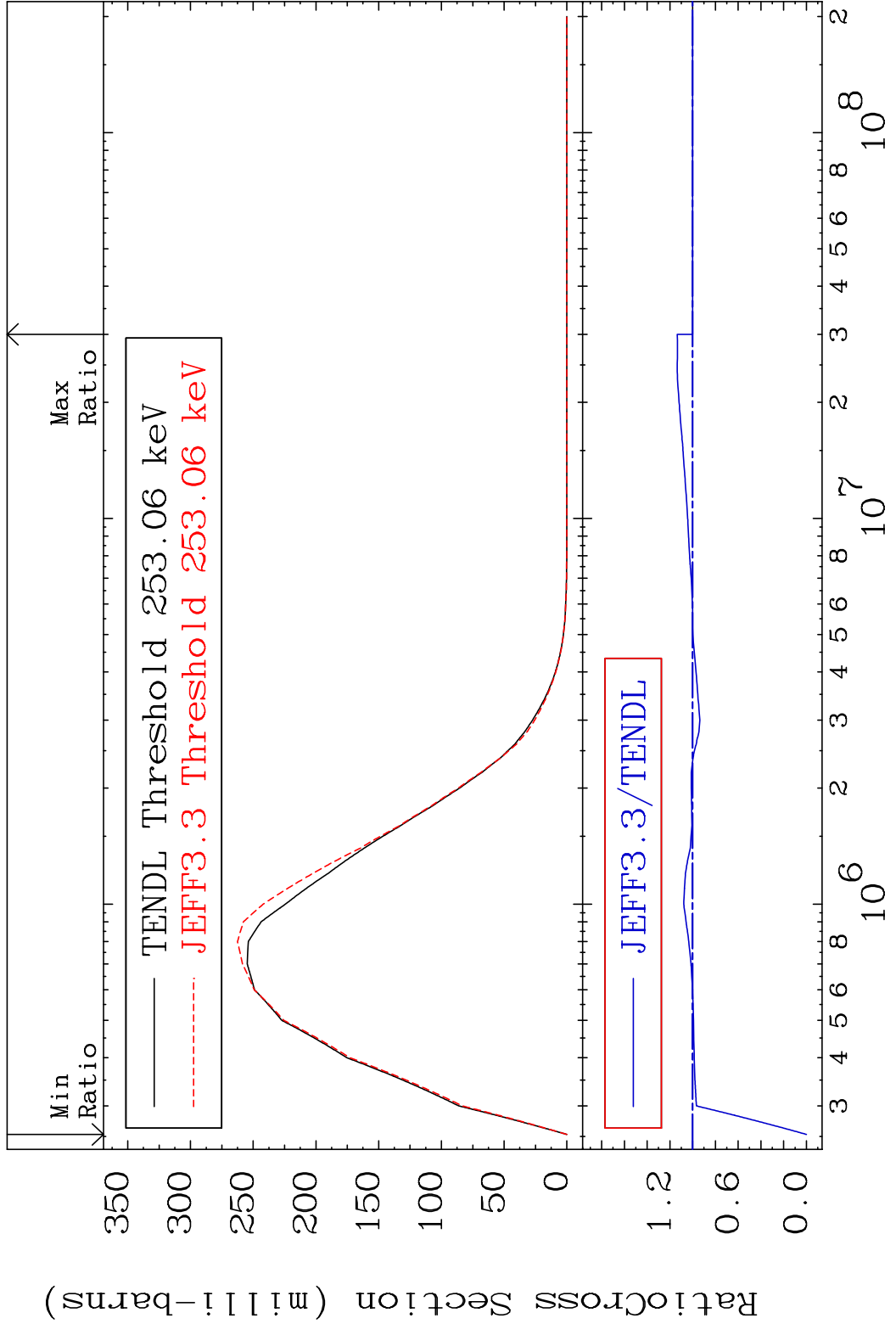
MAT 3434 MT= 52 (n,n') Level 34-Se-77  
 Cross Section -16.71 To 13.61 %



MAT 3434 MT= 53 (n, n') Level 34-Se-77  
 Cross Section -6.465 To 13.58 %

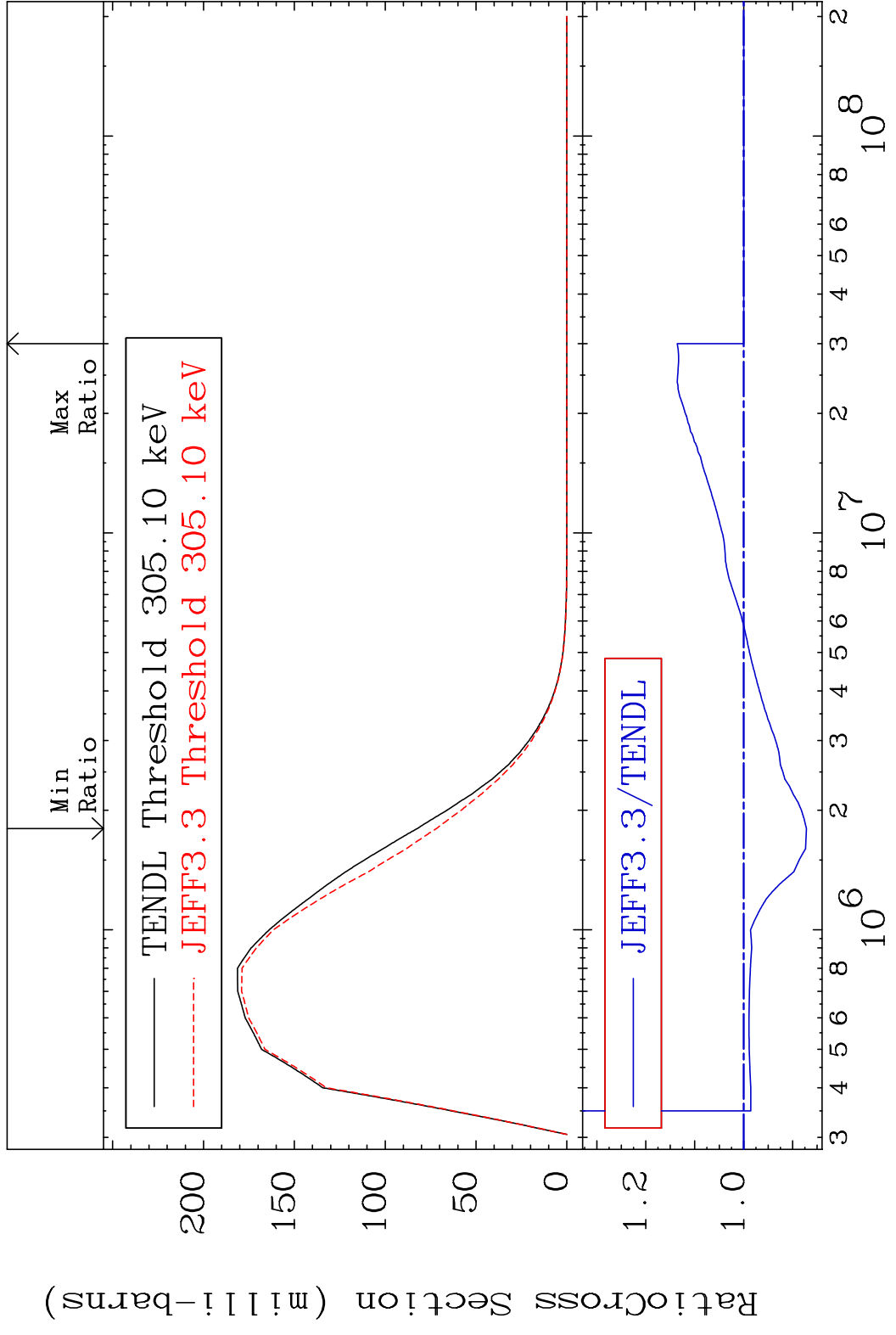


MAT 3434 MT= 54 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 13.59 %

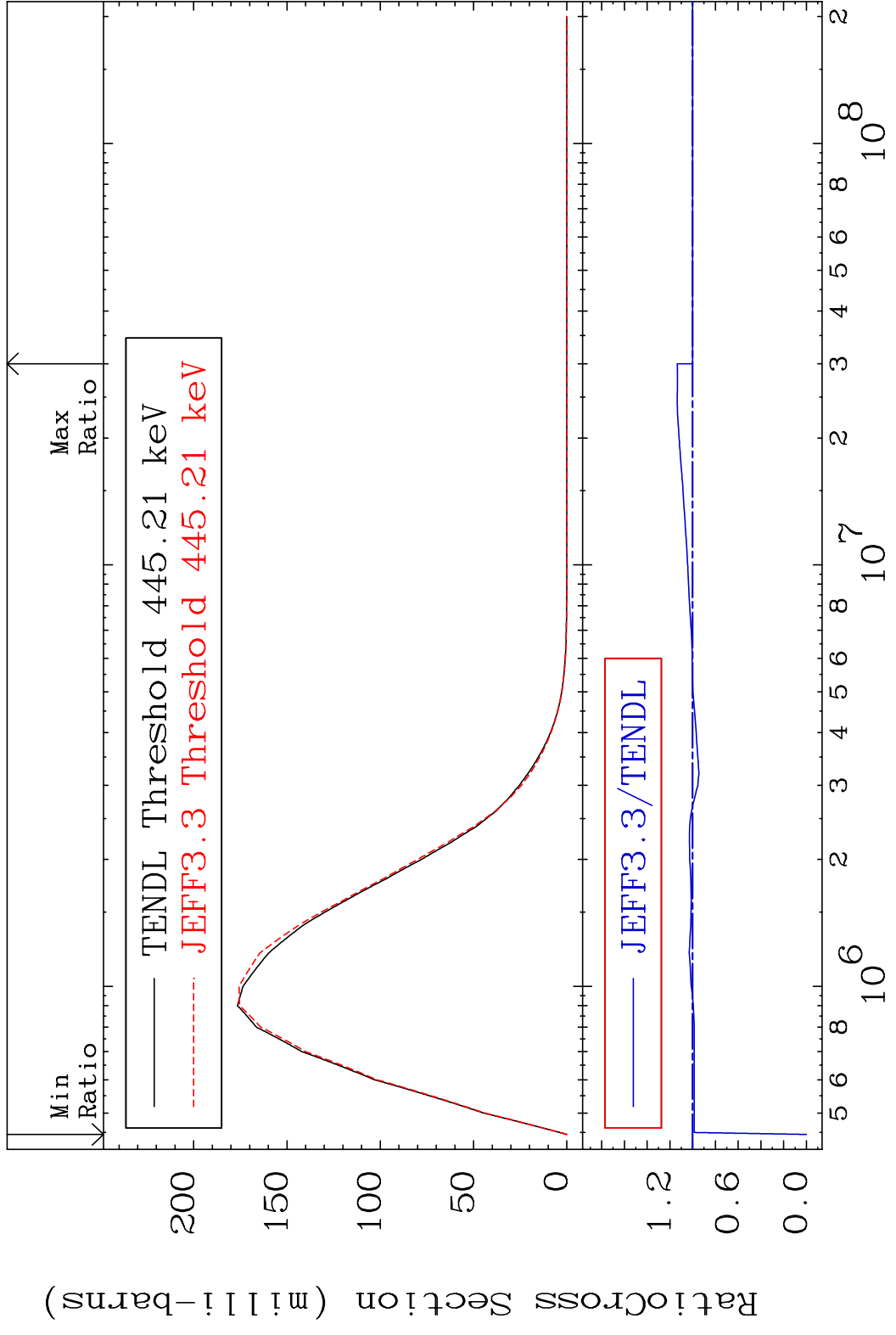




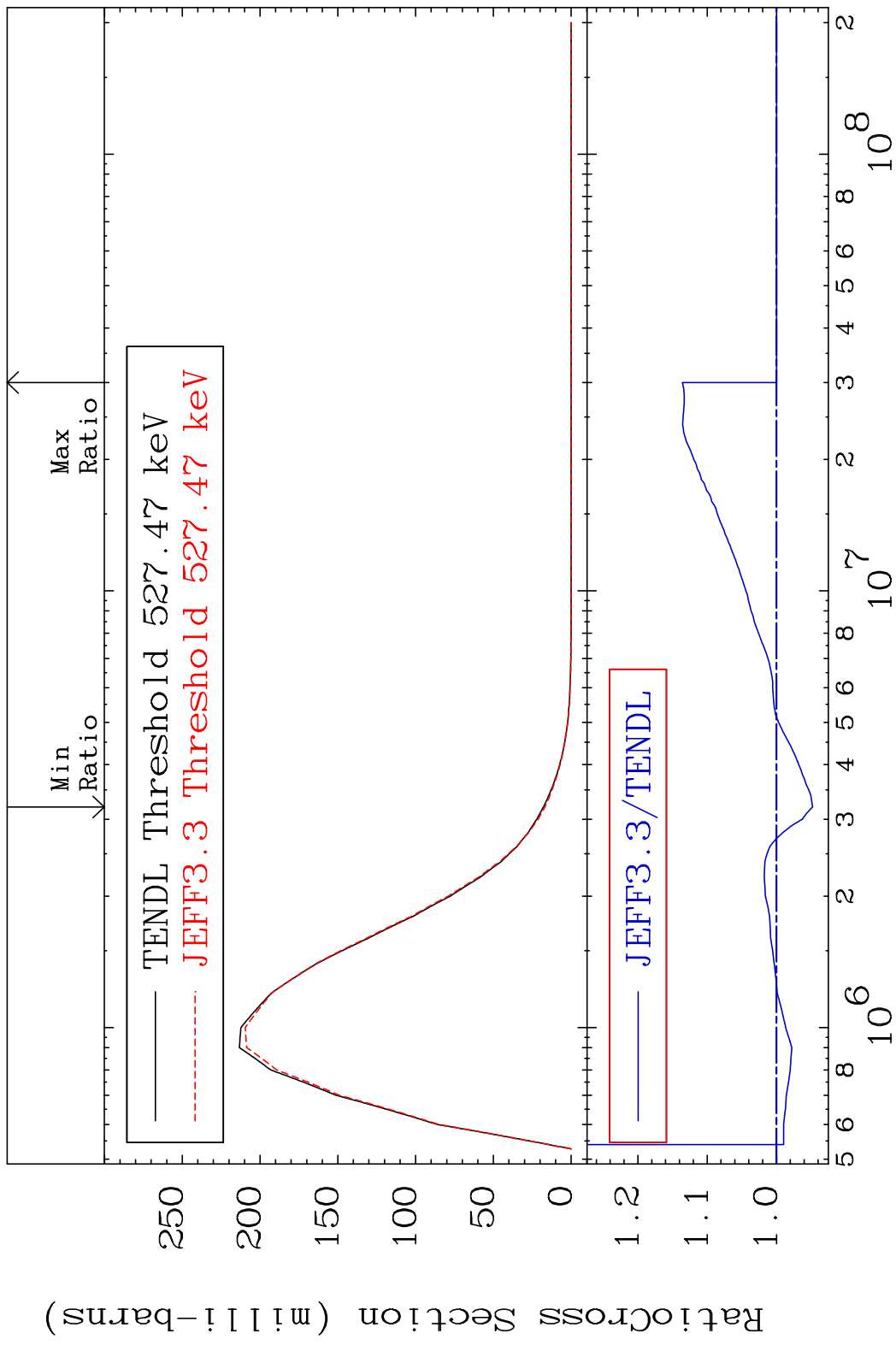
MAT 3434 MT= 55 (n,n') Level 34-Se-77  
 Cross Section -12.82 To 13.59 %



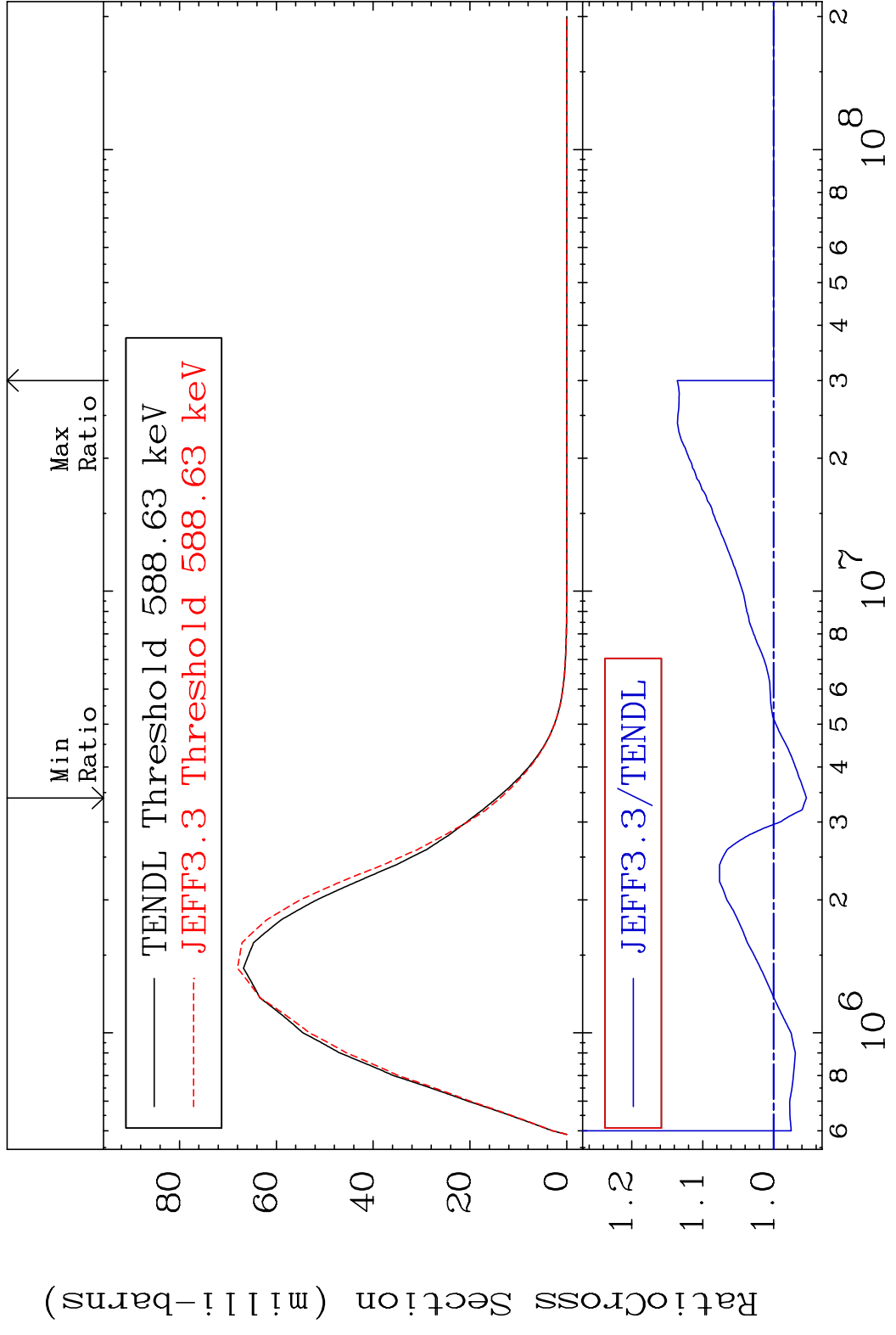
MAT 3434 MT= 56 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 13.59 %



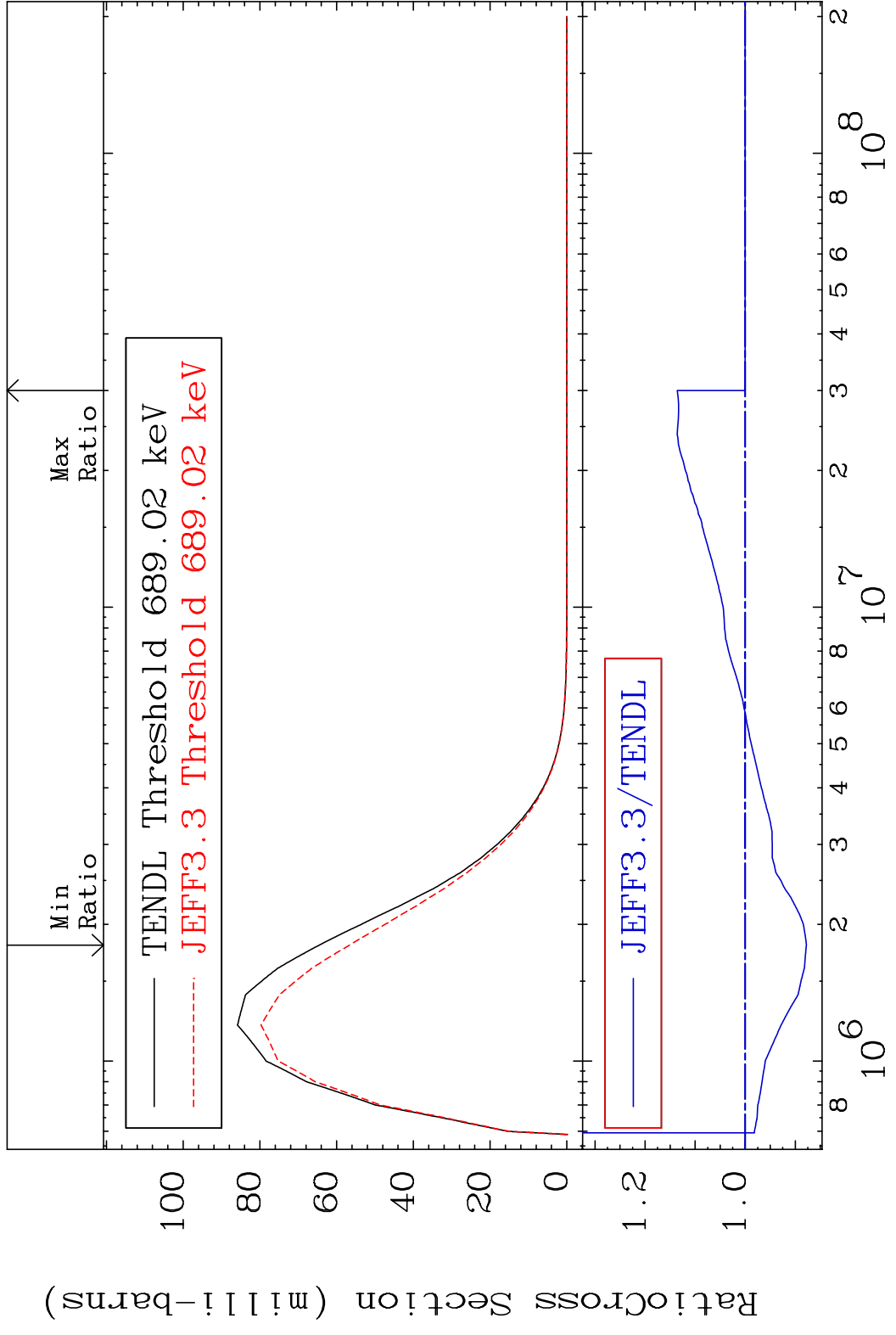
MAT 3434 MT= 57 (n, n') Level 34-Se-77  
 Cross Section -5.208 To 13.58 %



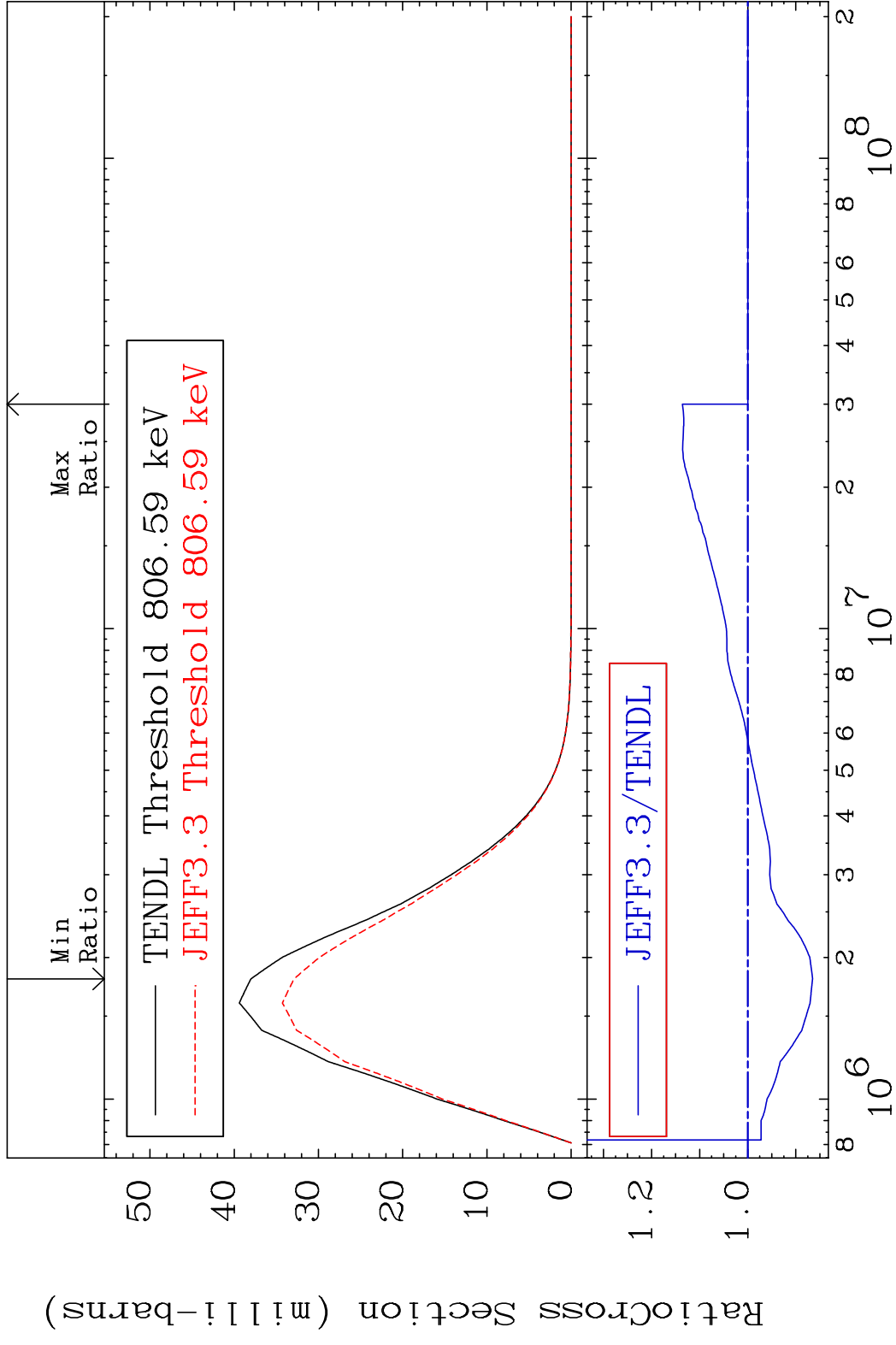
MAT 3434 MT= 58 (n, n') Level 34-Se-77  
 Cross Section -4.634 To 13.60 %



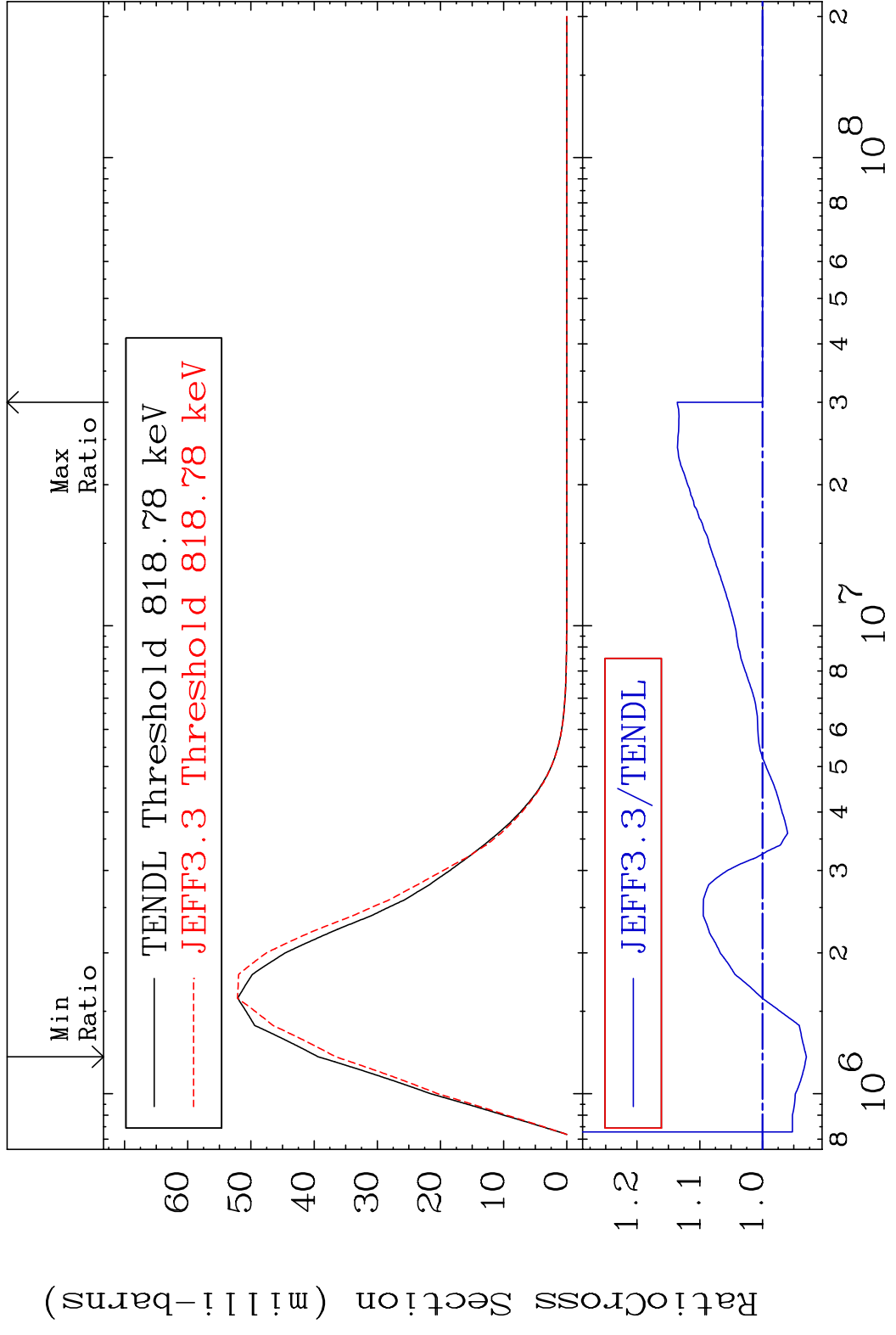
MAT 3434 MT= 59 (n, n') Level 34-Se-77  
 Cross Section -12.23 To 13.59 %



MAT 3434 MT= 60 (n, n') Level 34-Se-77  
 Cross Section -13.48 To 13.60 %

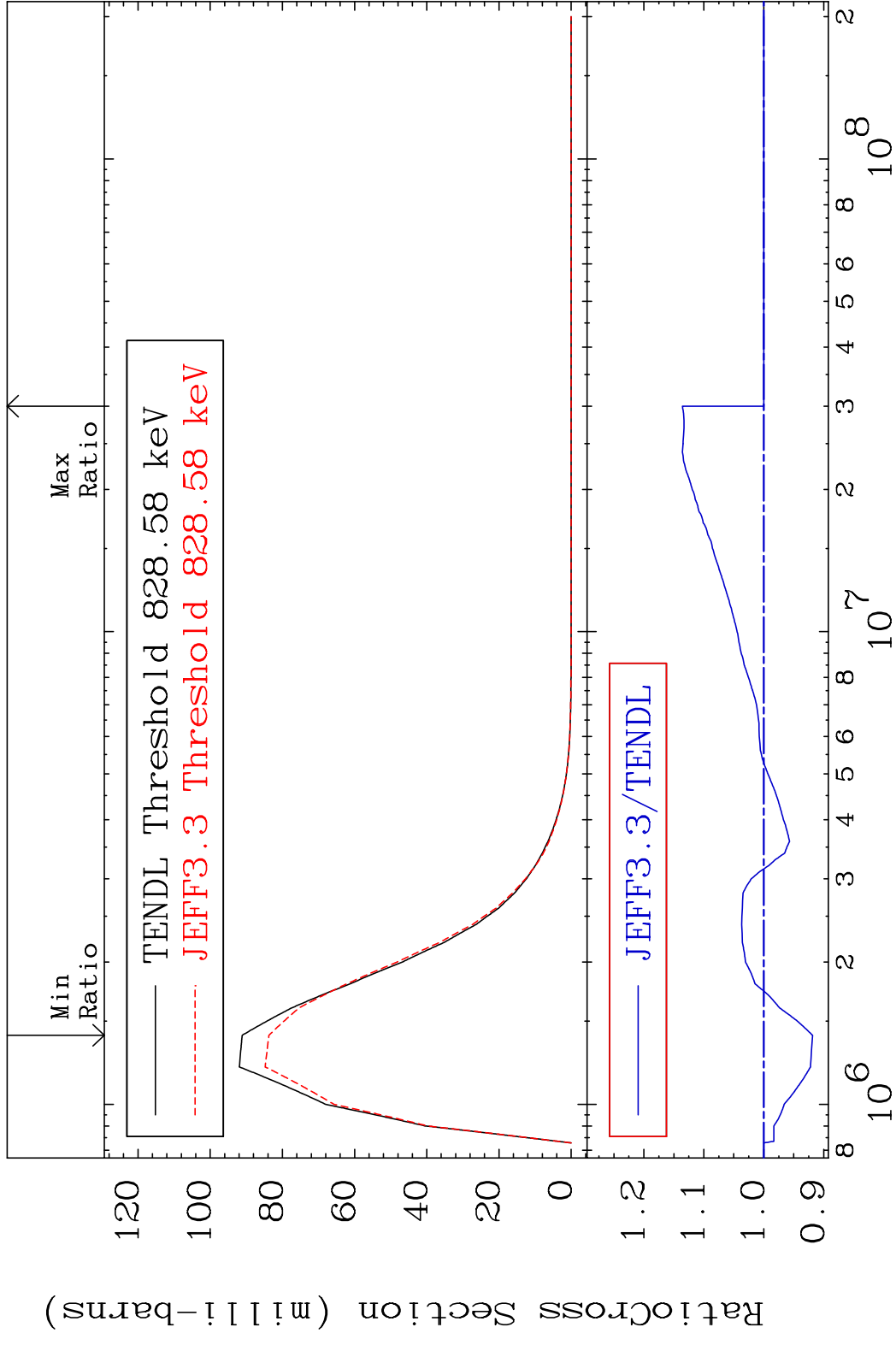


MAT 3434 MT= 61 (n, n') Level 34-Se-77  
 Cross Section -6.999 To 13.60 %



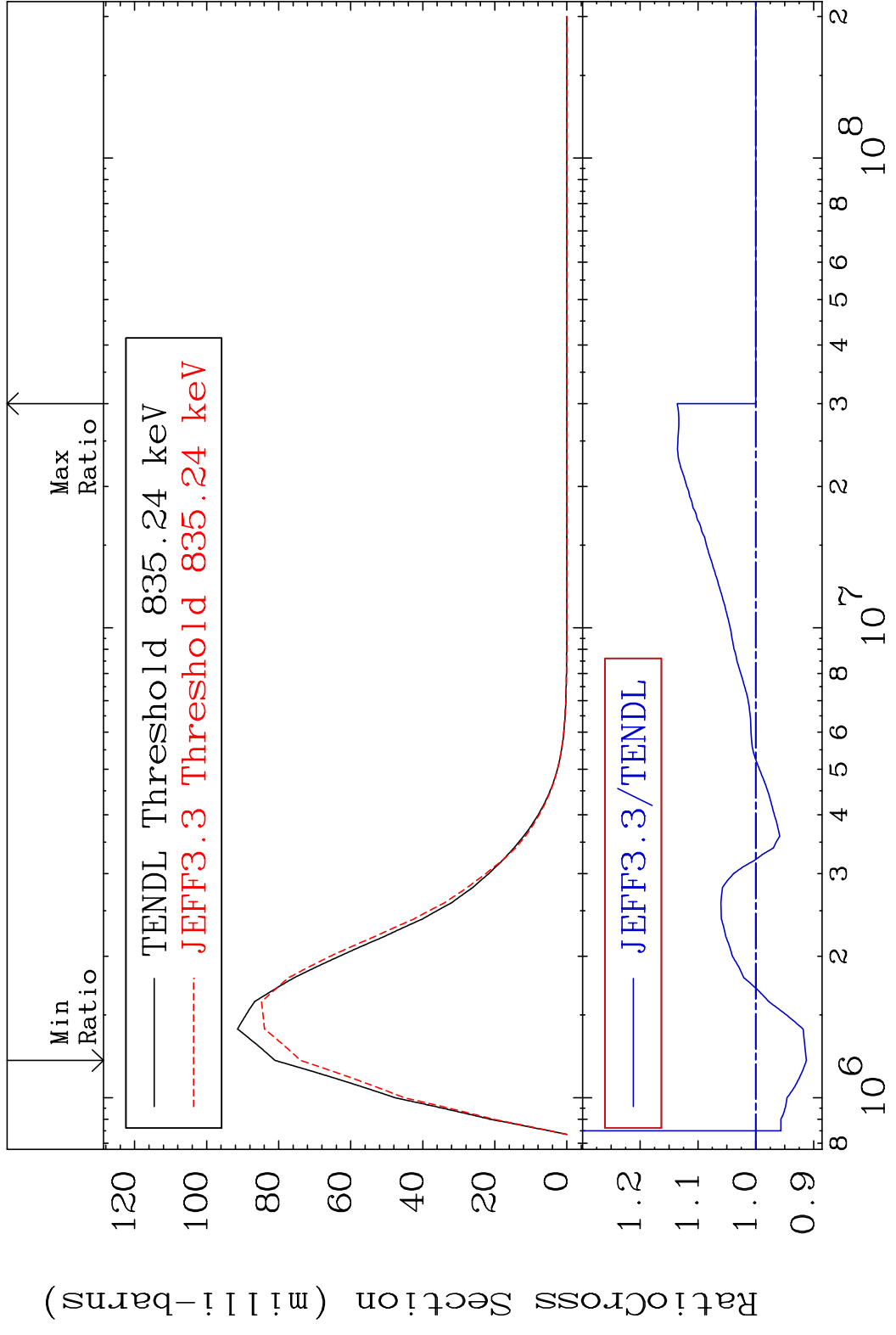
30 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 62 (n, n') Level 34-Se-77  
 Cross Section -8.131 To 13.58 %

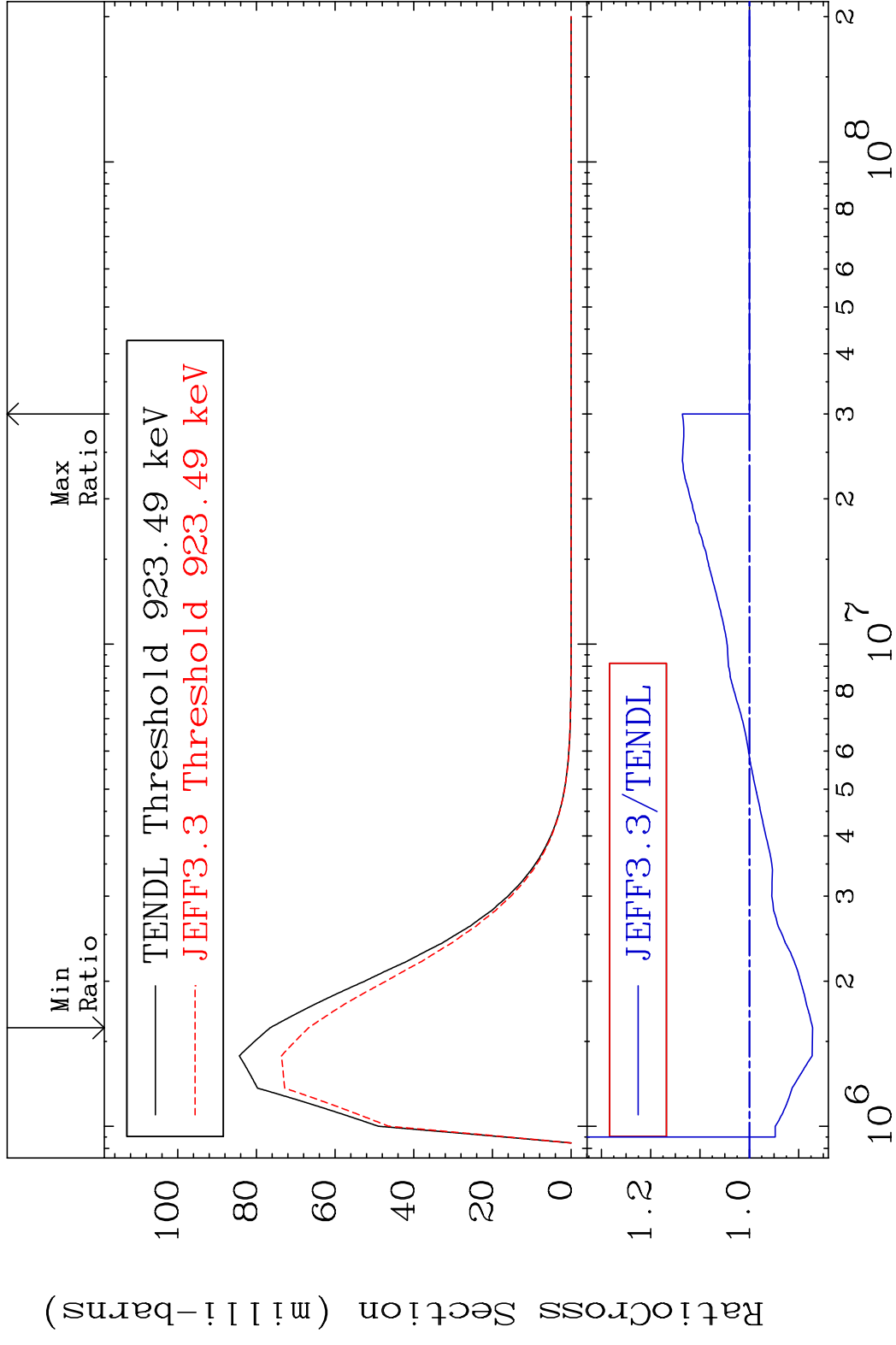




MAT 3434 MT= 63 (n,n') Level 34-Se-77  
 Cross Section -8.758 To 13.59 %

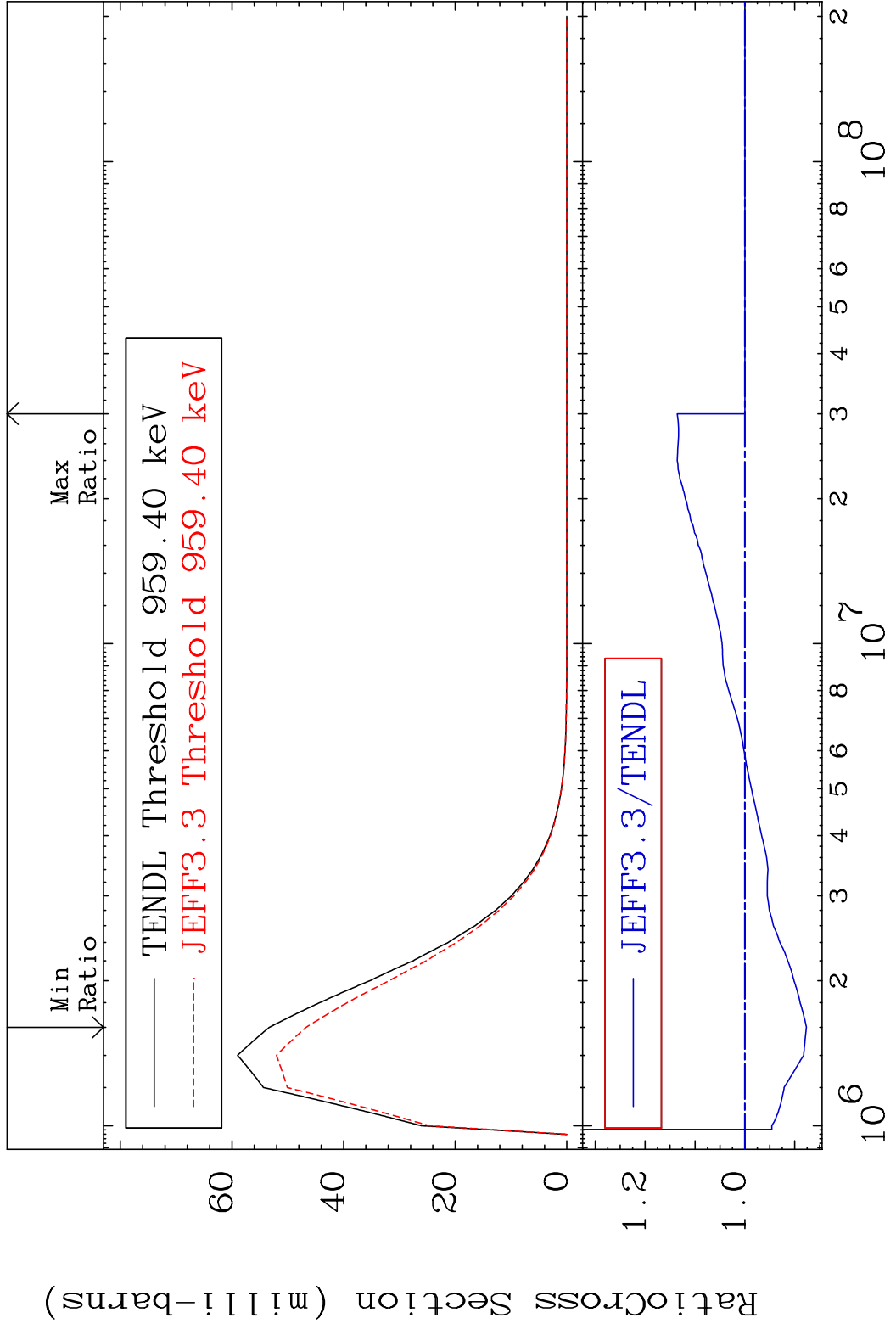


MAT 3434 MT= 64 (n, n') Level 34-Se-77  
 Cross Section -12.80 To 13.58 %



33 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 65 (n, n') Level 34-Se-77  
 Cross Section -12.37 To 13.57 %

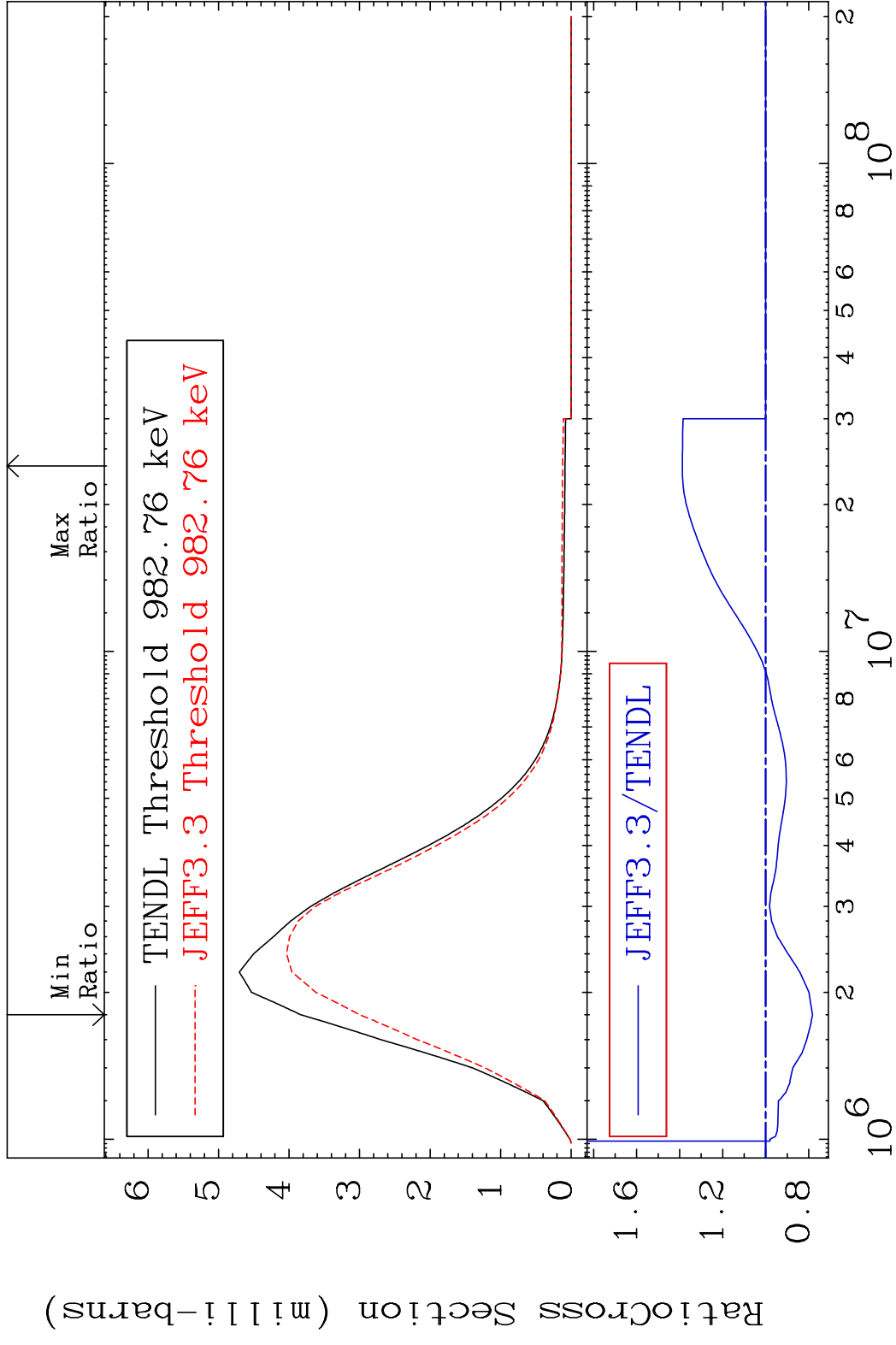


MAT 3434

MT= 66 (n, n') Level

34-Se-77

Cross Section -21.78 To 38.75 %

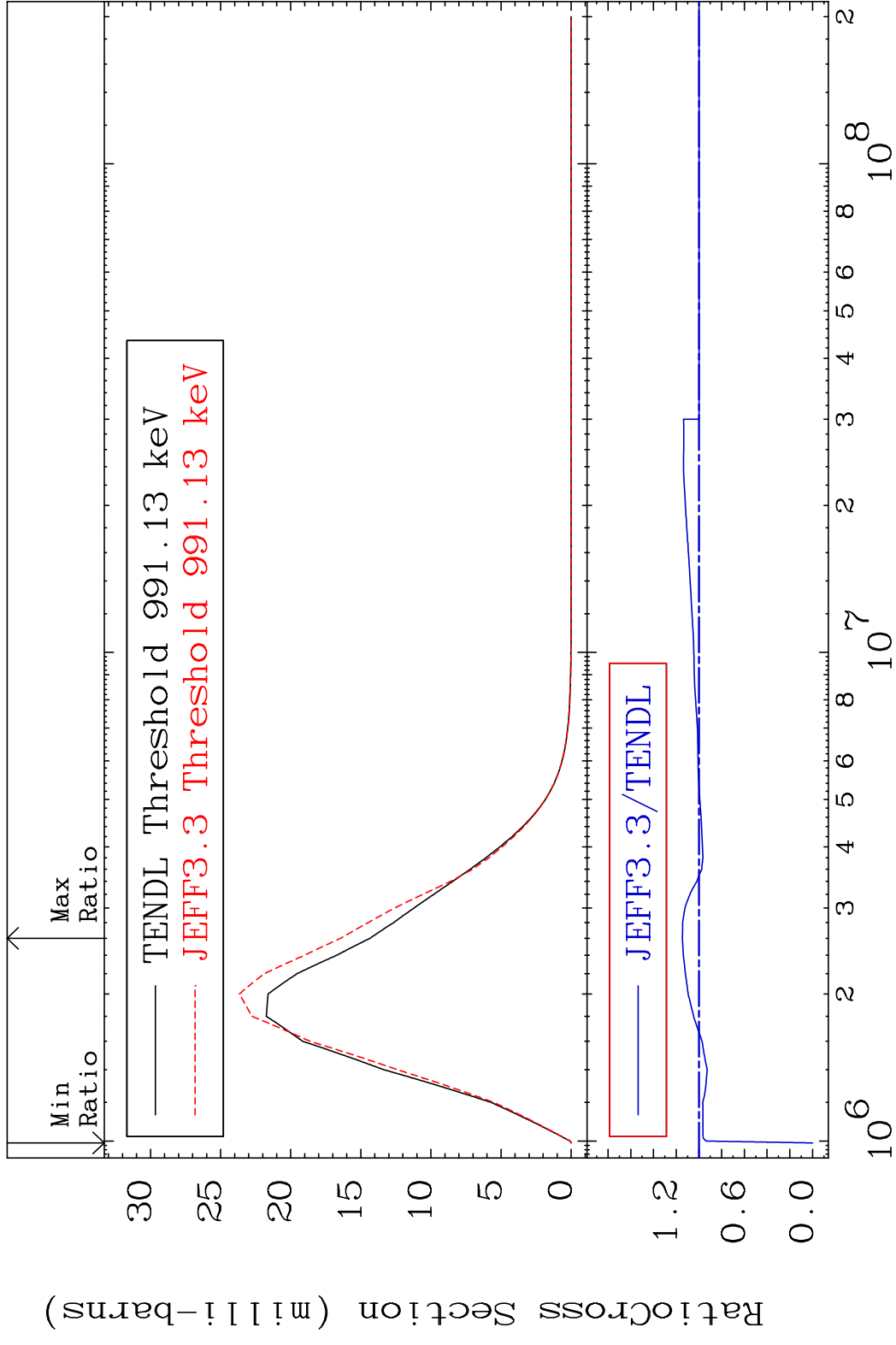


35

Incident Energy (eV)

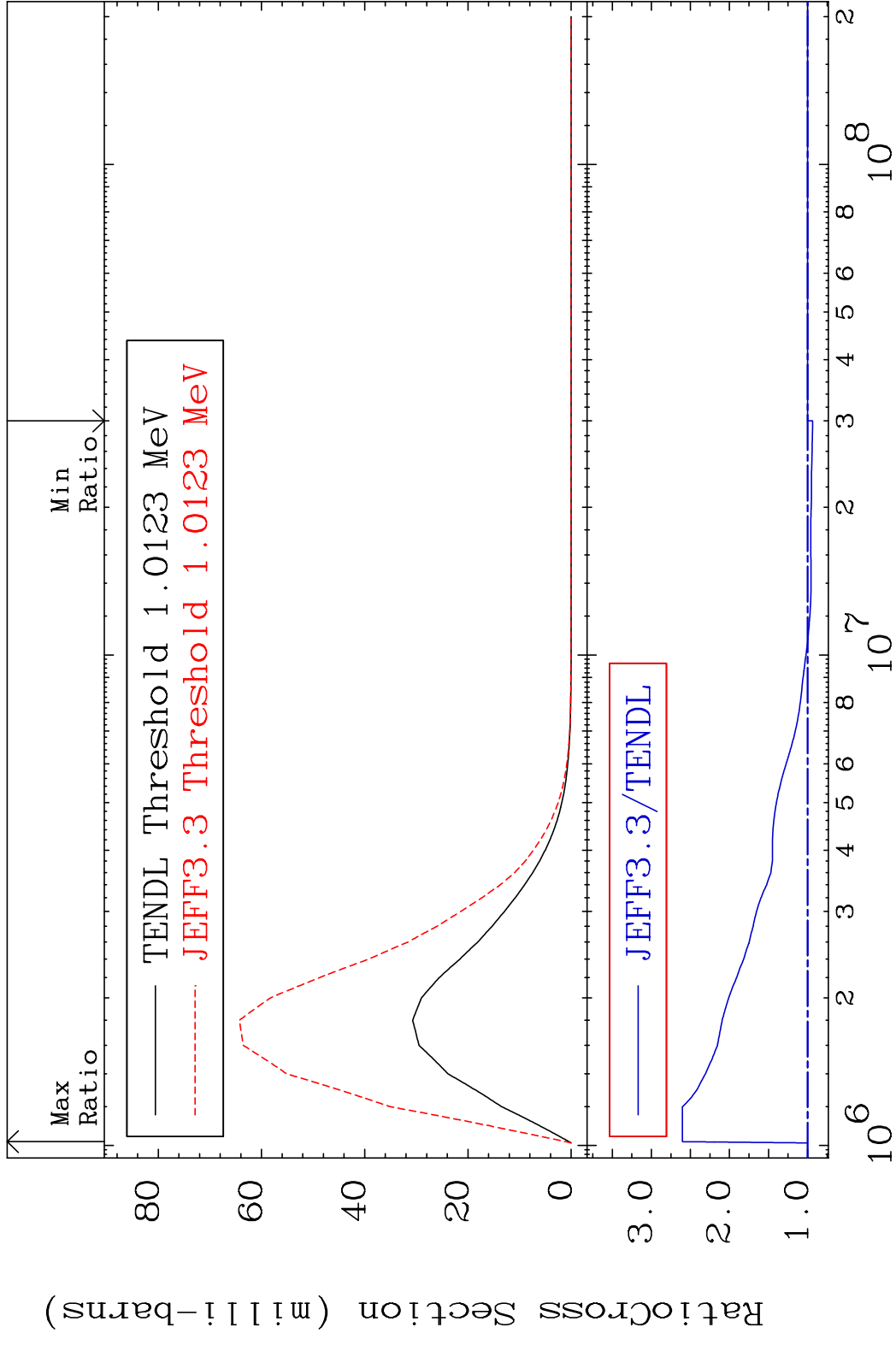
34-Se-77

MAT 3434 MT= 67 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 14.59 %

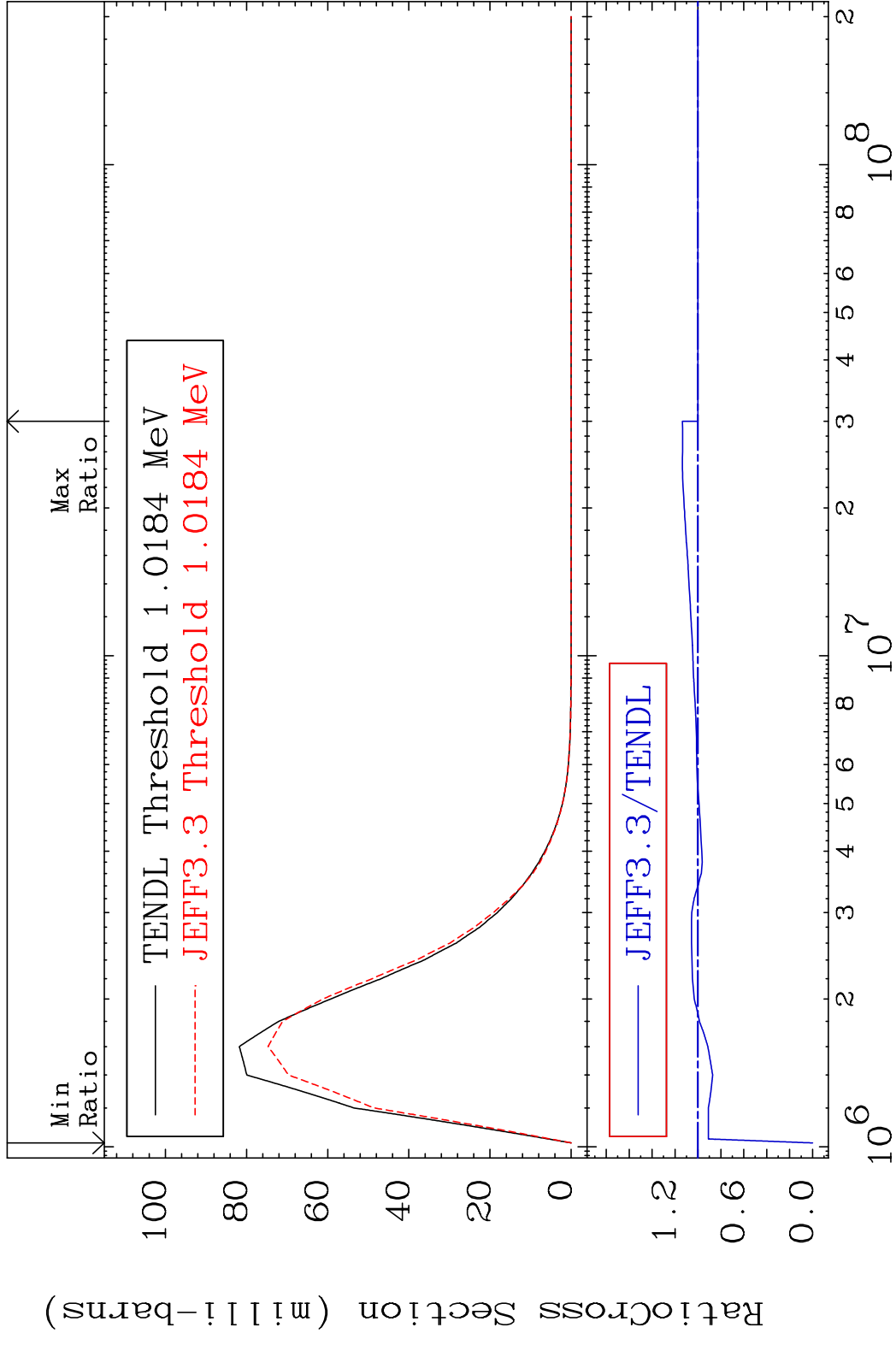


36 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 68 (n, n') Level 34-Se-77  
 Cross Section -6.384 To 160.3 %

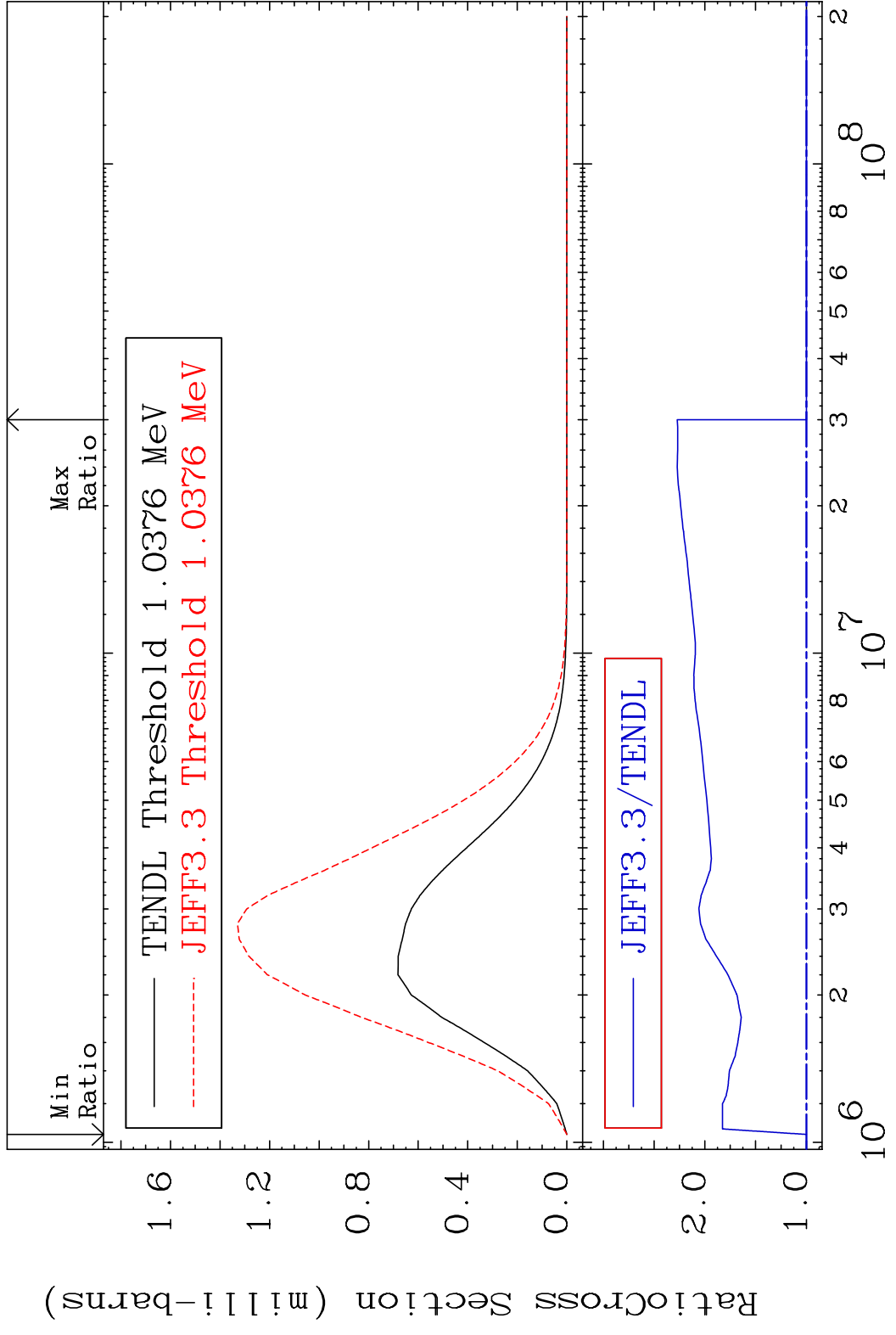


MAT 3434 MT= 69 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 13.58 %



38 Incident Energy (eV) 34-Se-77

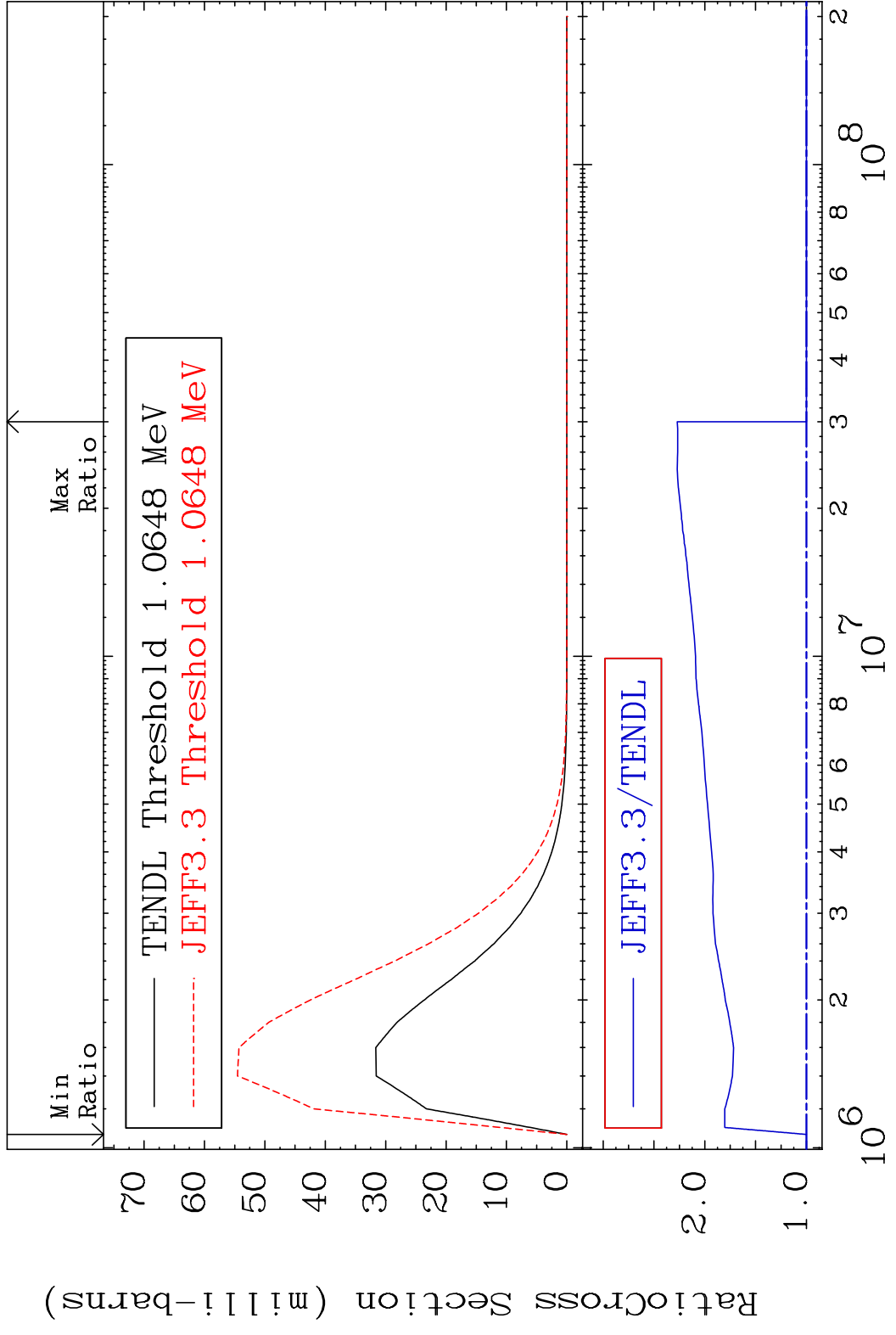
MAT 3434      MT= 70 (n, n') Level      34-Se-77  
 Cross Section    0.000    To 127.3 %



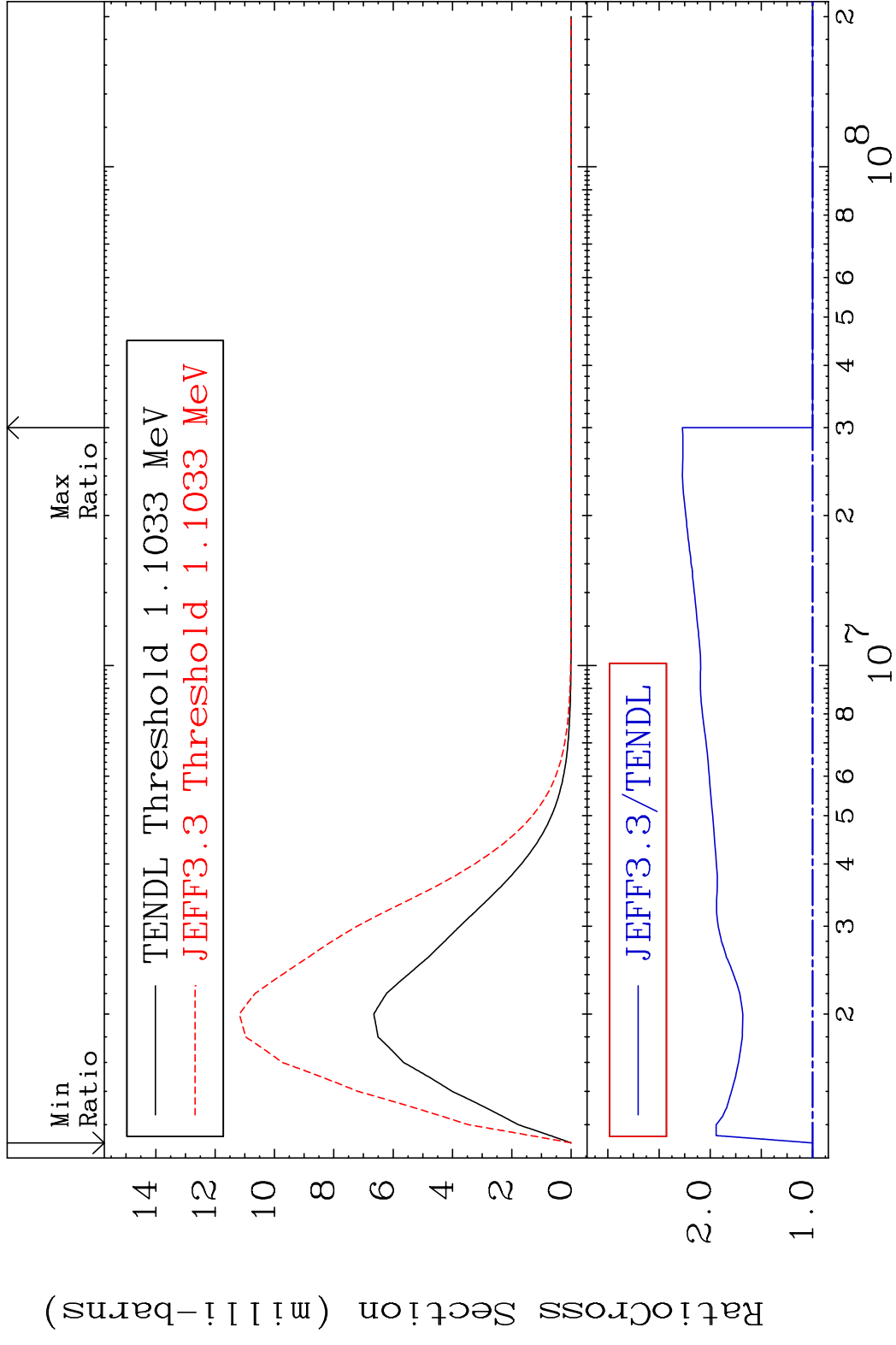
39      Incident Energy (eV)      34-Se-77



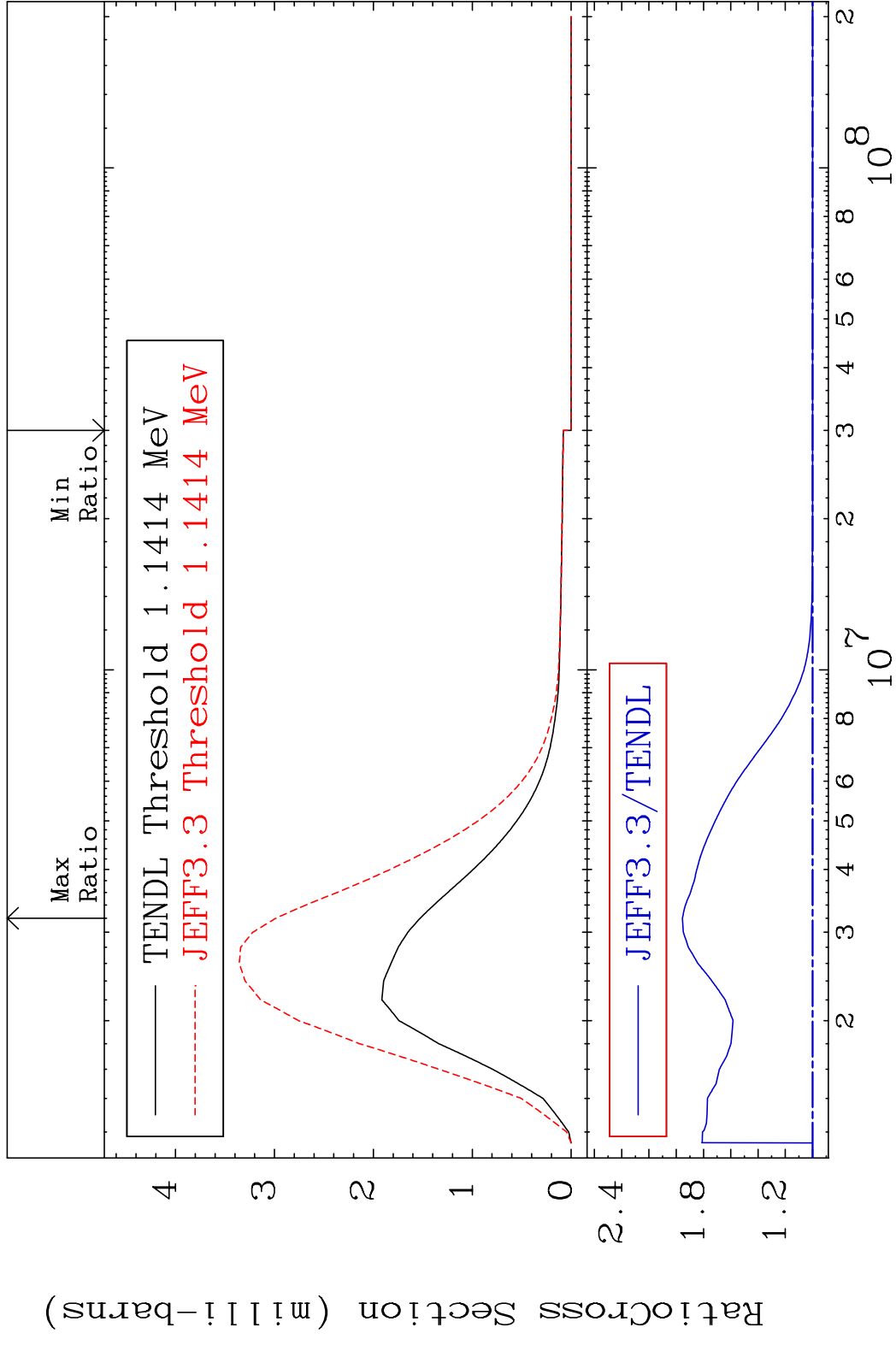
MAT 3434 MT= 71 (n, n') Level 34-Se-77  
 Cross Section 0.000 To 127.2 %



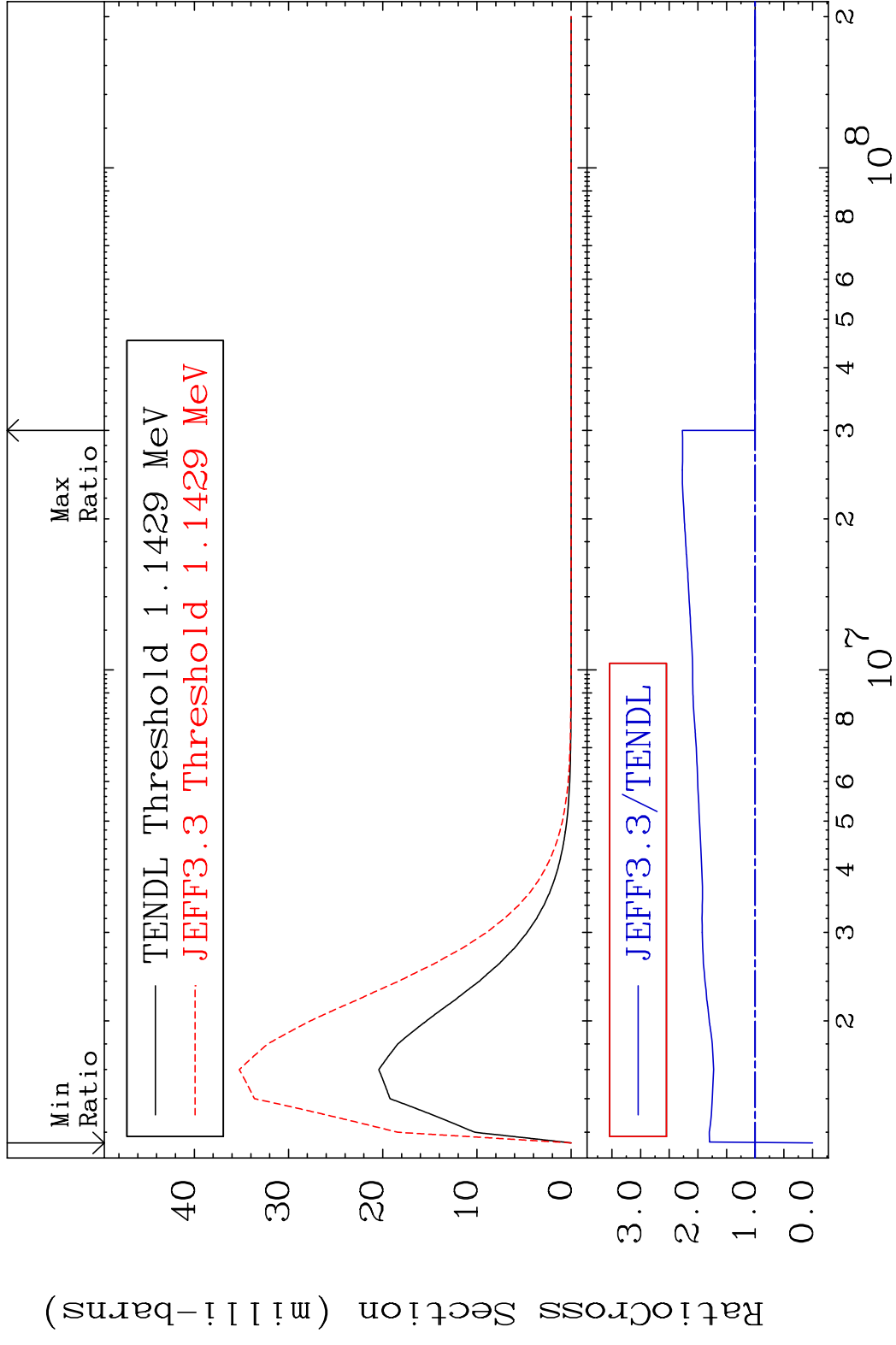
MAT 3434 MT= 72 (n, n') Level 34-Se-77  
 Cross Section 0.000 To 127.2 %



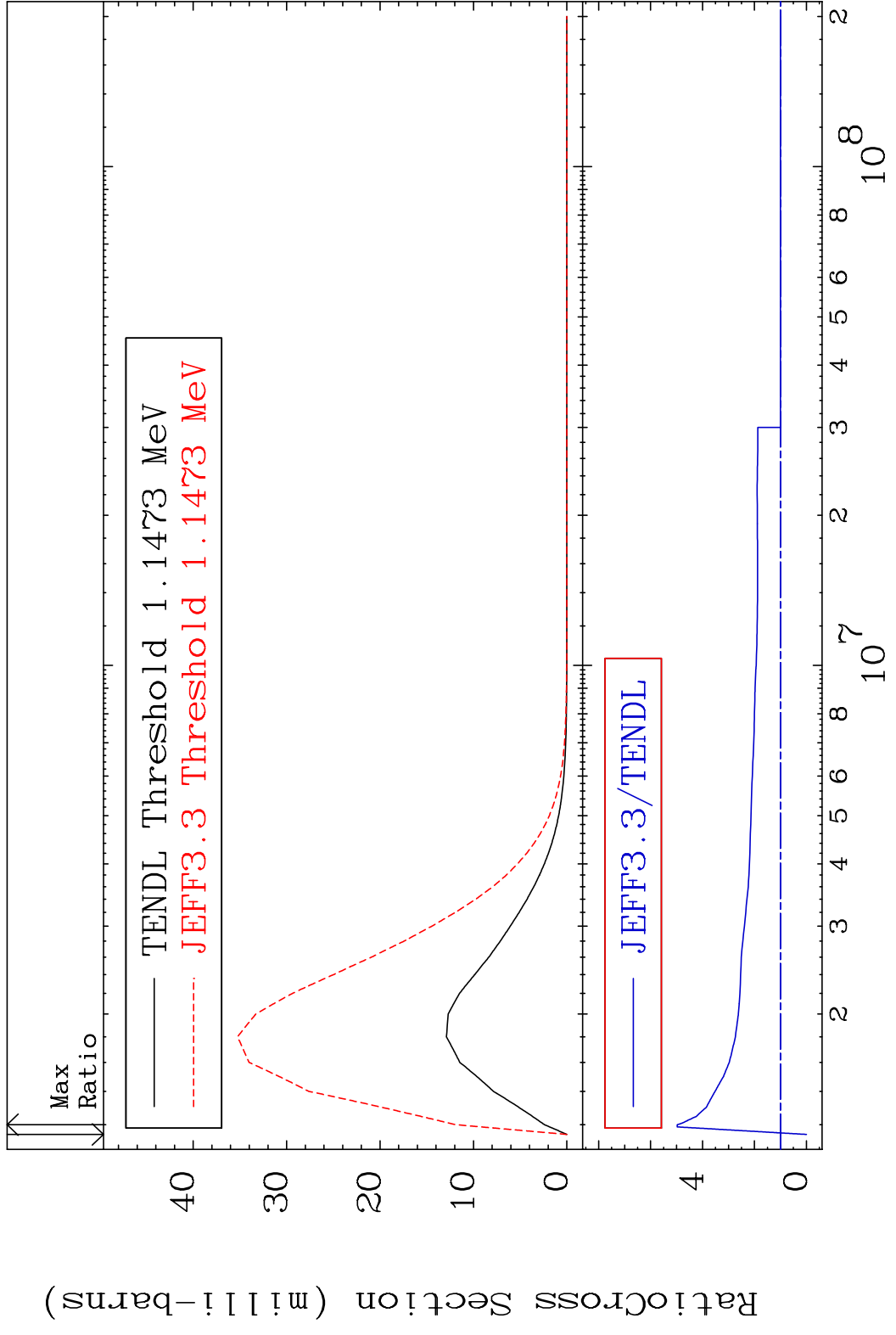
MAT 3434 MT= 73 (n, n') Level 34-Se-77  
 Cross Section 0.000 To 95.50 %



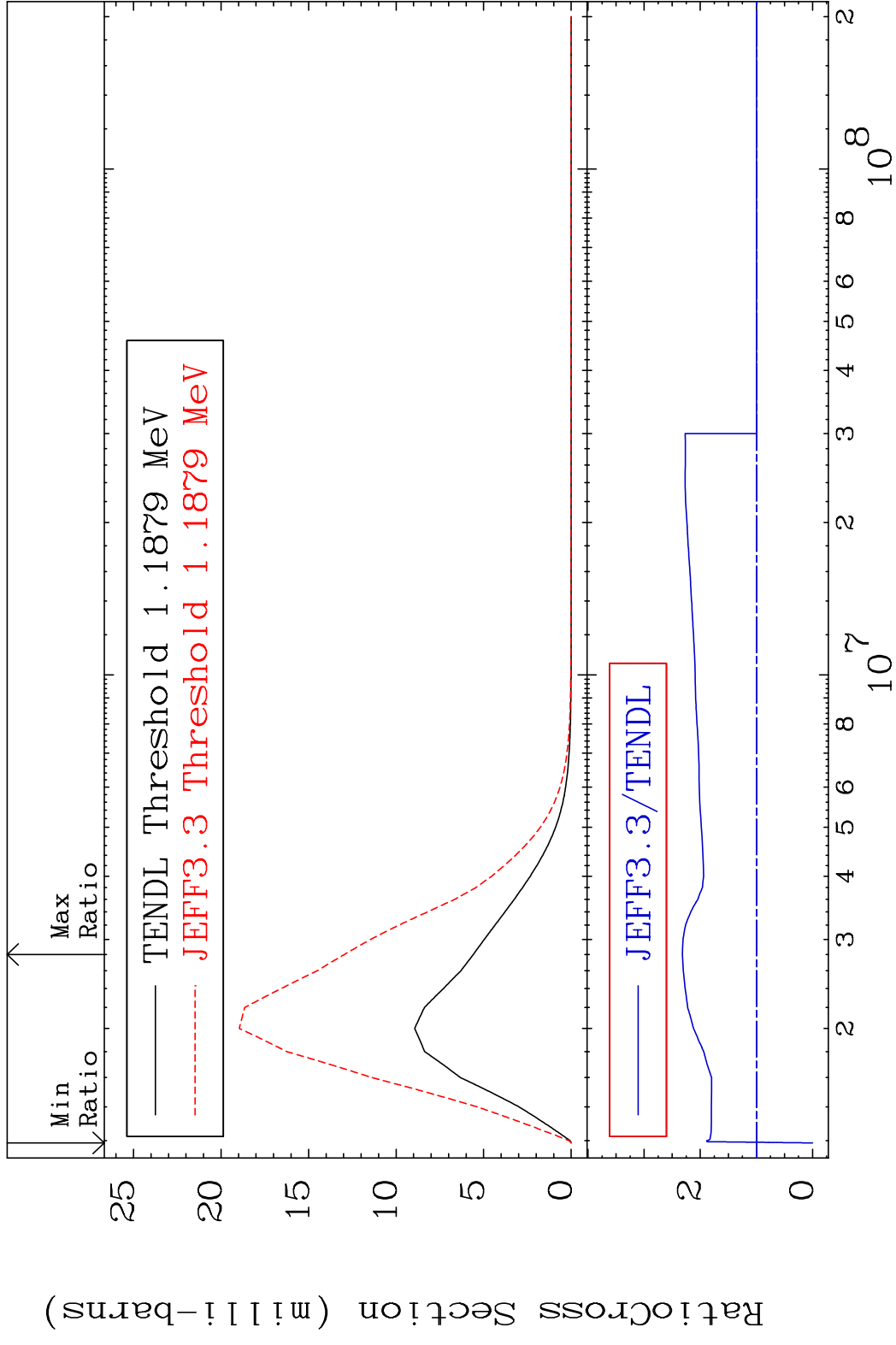
MAT 3434 MT= 74 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 127.1 %



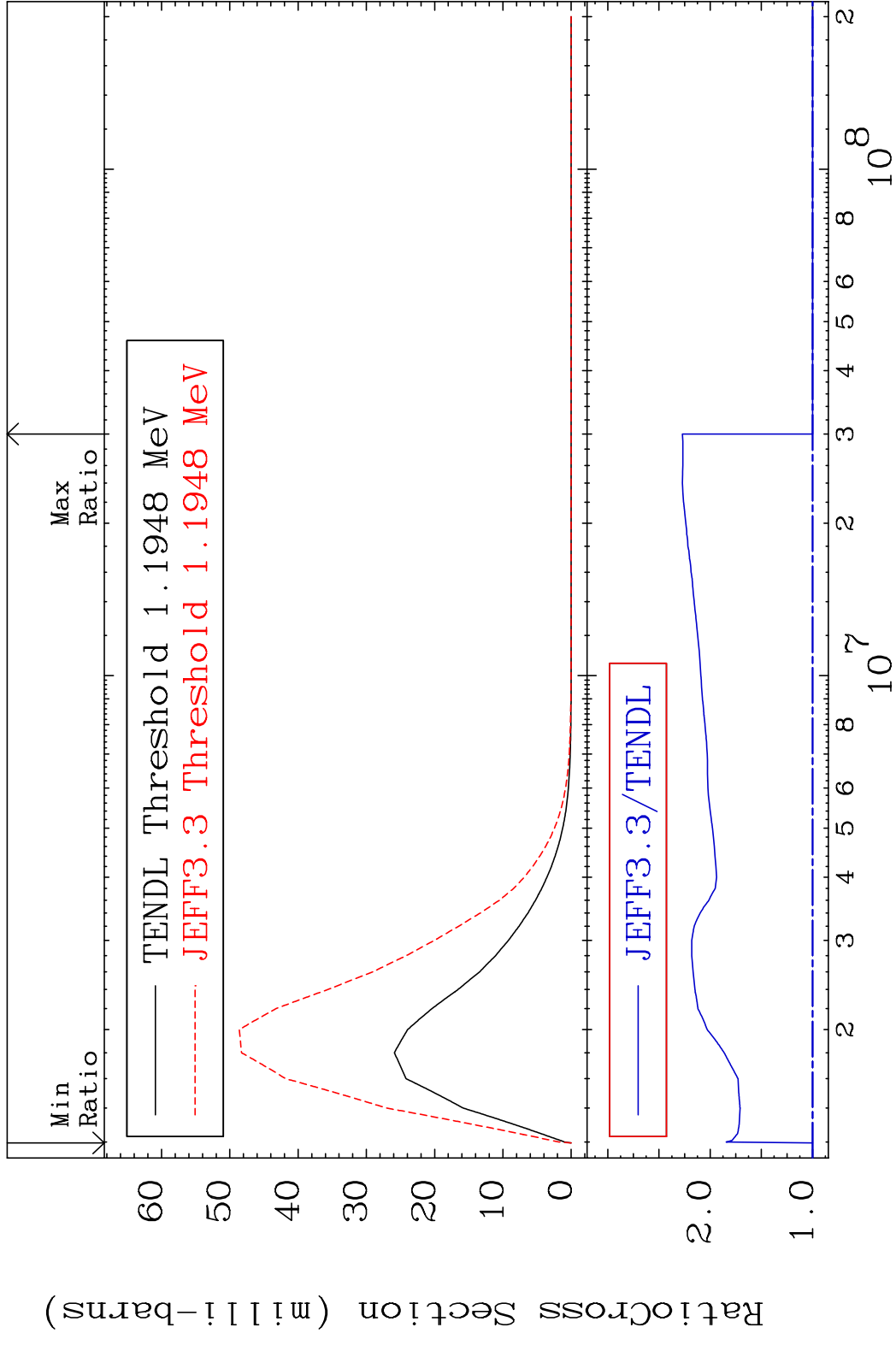
MAT 3434 MT= 75 (n,n') Level 34-Se-77  
 Cross Section -100.0 To 397.6 %



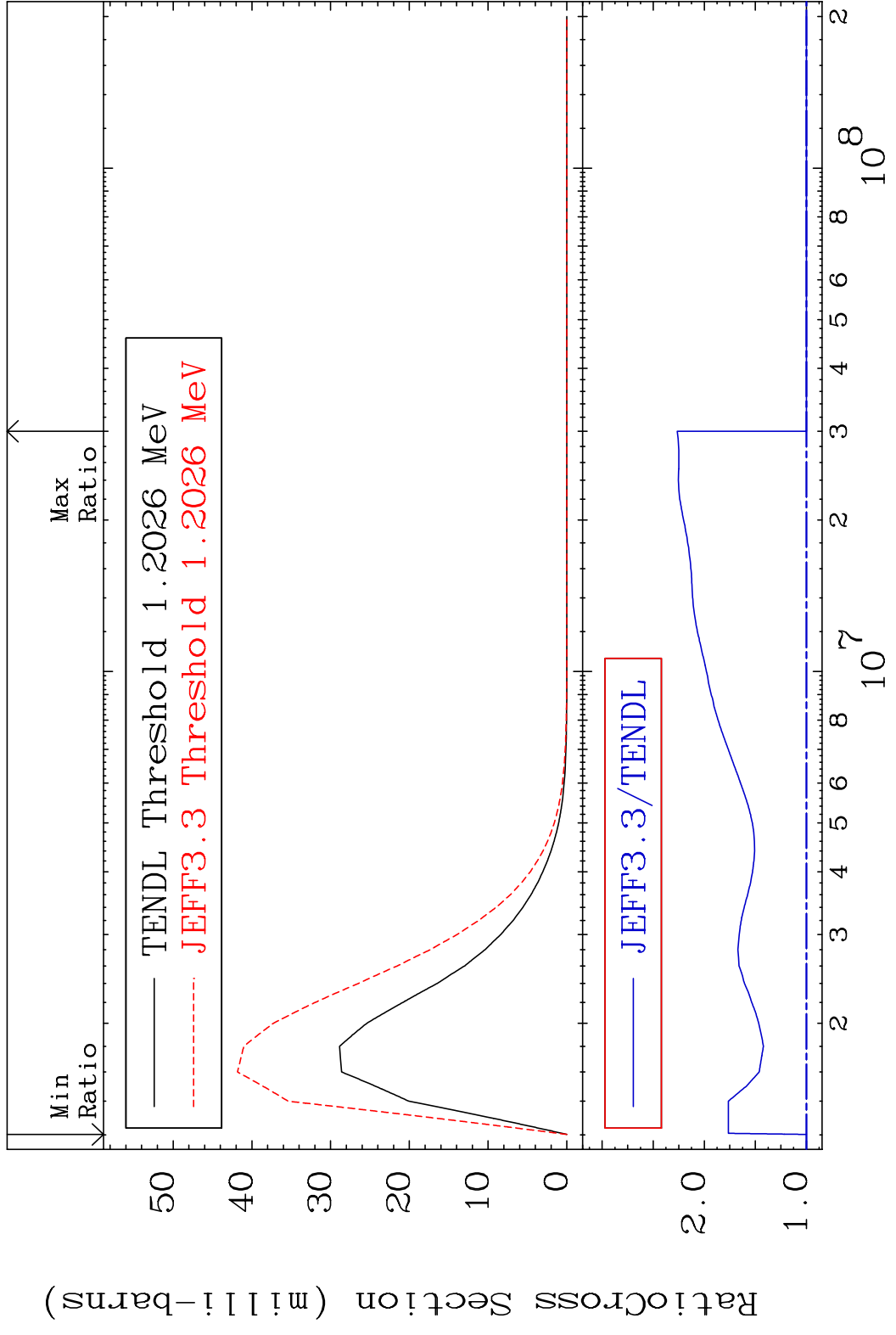
MAT 3434 MT= 76 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 132.0 %



MAT 3434 MT= 77 (n, n') Level 34-Se-77  
 Cross Section 0.000 To 127.2 %

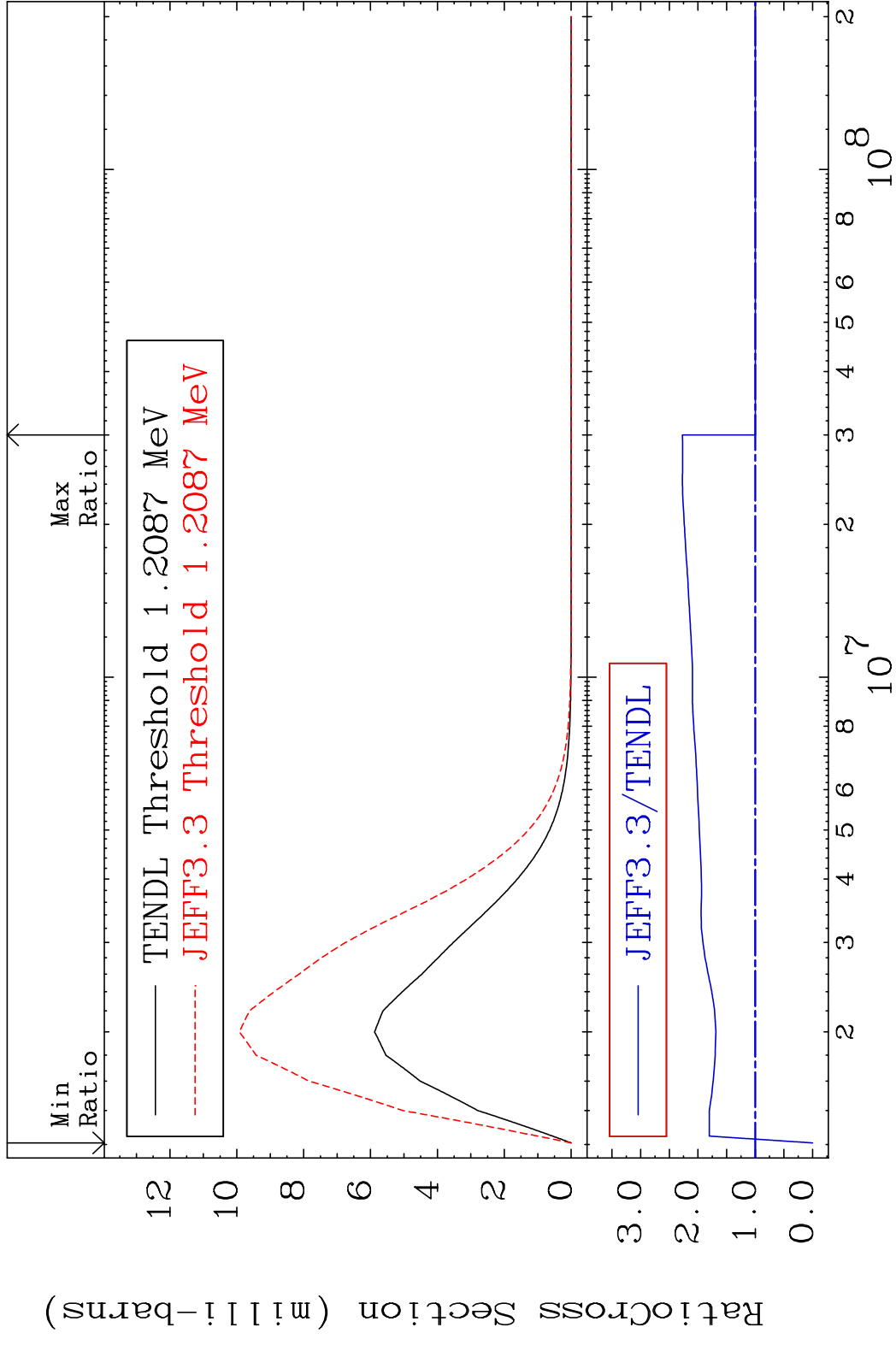


MAT 3434 MT= 78 (n, n') Level 34-Se-77  
 Cross Section 0.000 To 126.5 %

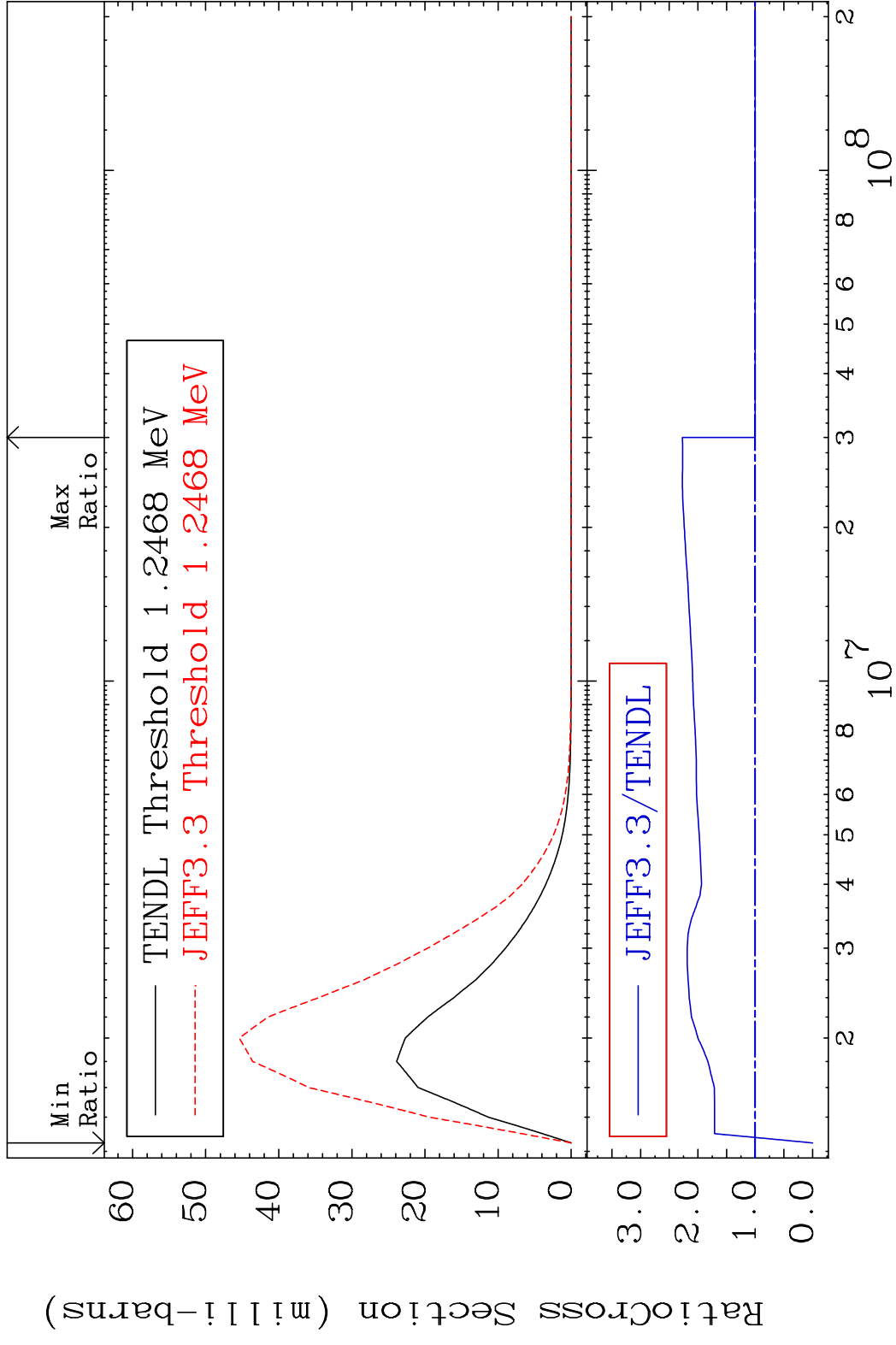




MAT 3434 MT= 79 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 127.2 %



MAT 3434 MT= 80 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 127.2 %

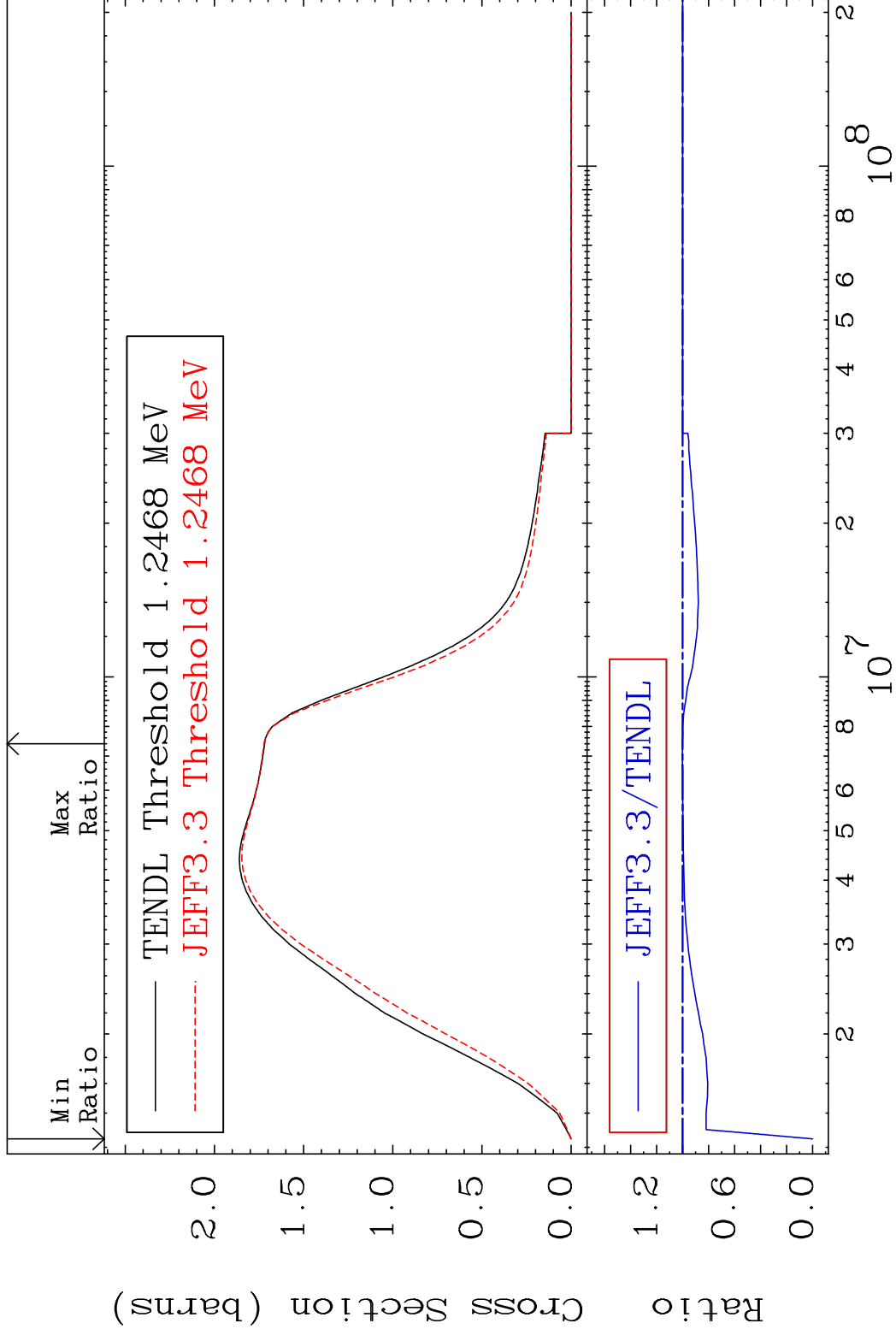


MAT 3434

(n, n') Continuum

<sup>34</sup>Se-77

Cross Section -100.0 To 0.196 %



50

Incident Energy (eV)

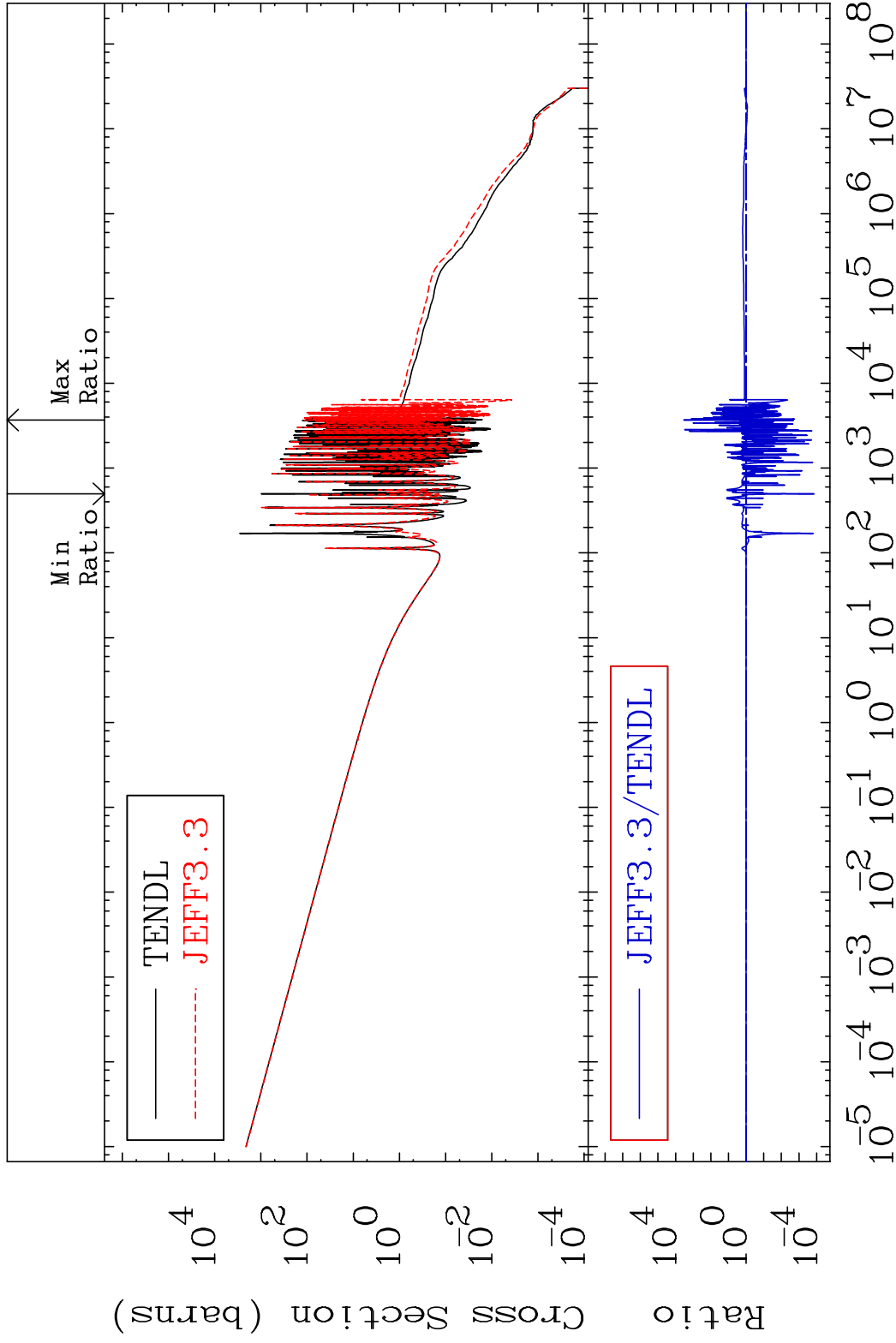
<sup>34</sup>Se-77

MAT 3434

(n,  $\gamma$ )

34-Se-77

Cross Section -99.99 To 9999. %

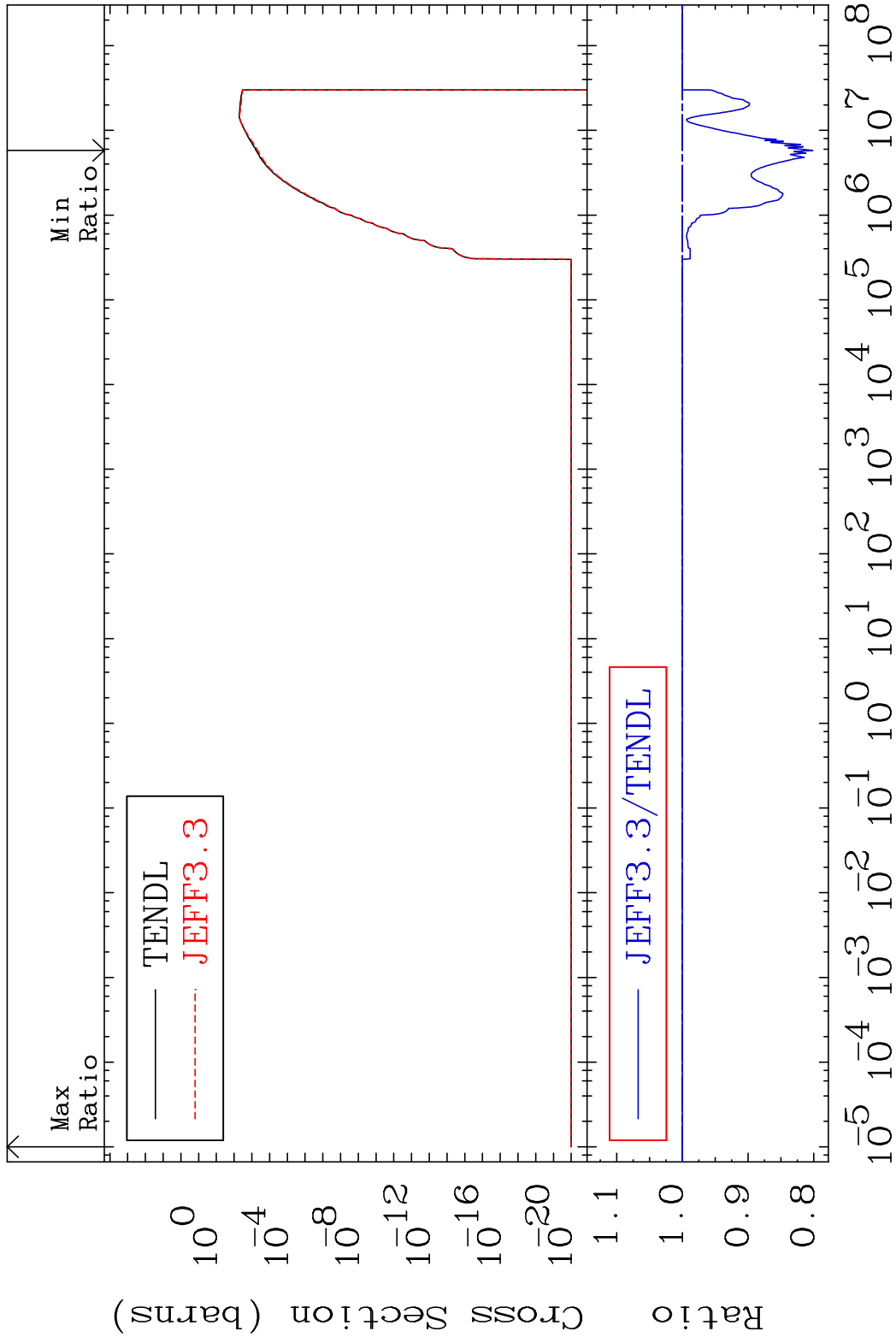


MAT 3434

(n, p)

34-Se-77

Cross Section -19.83 To 0.000 %

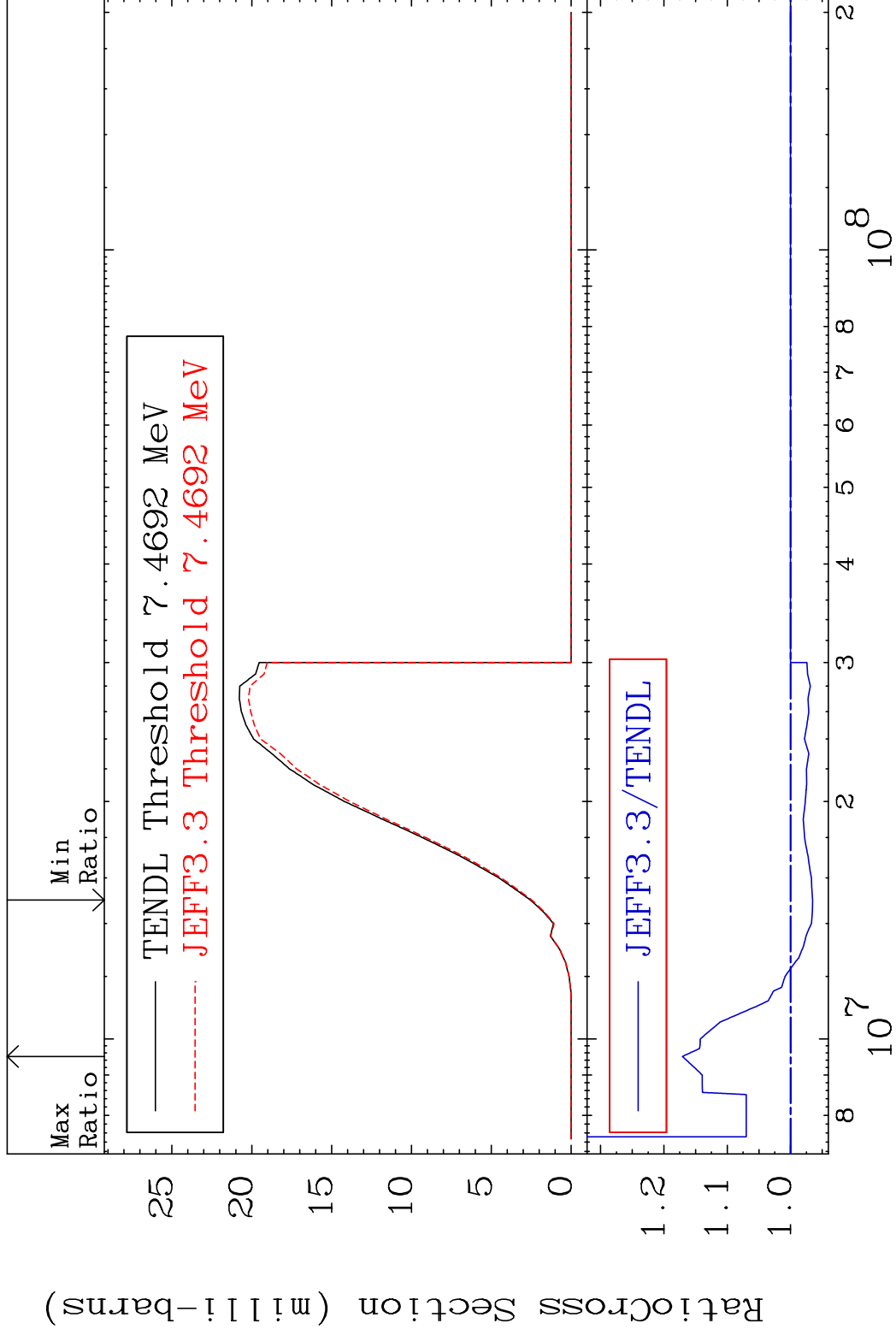


MAT 3434

(n, d)

34-Se-77

Cross Section -3.471 To 17.09 %



53

Incident Energy (eV)

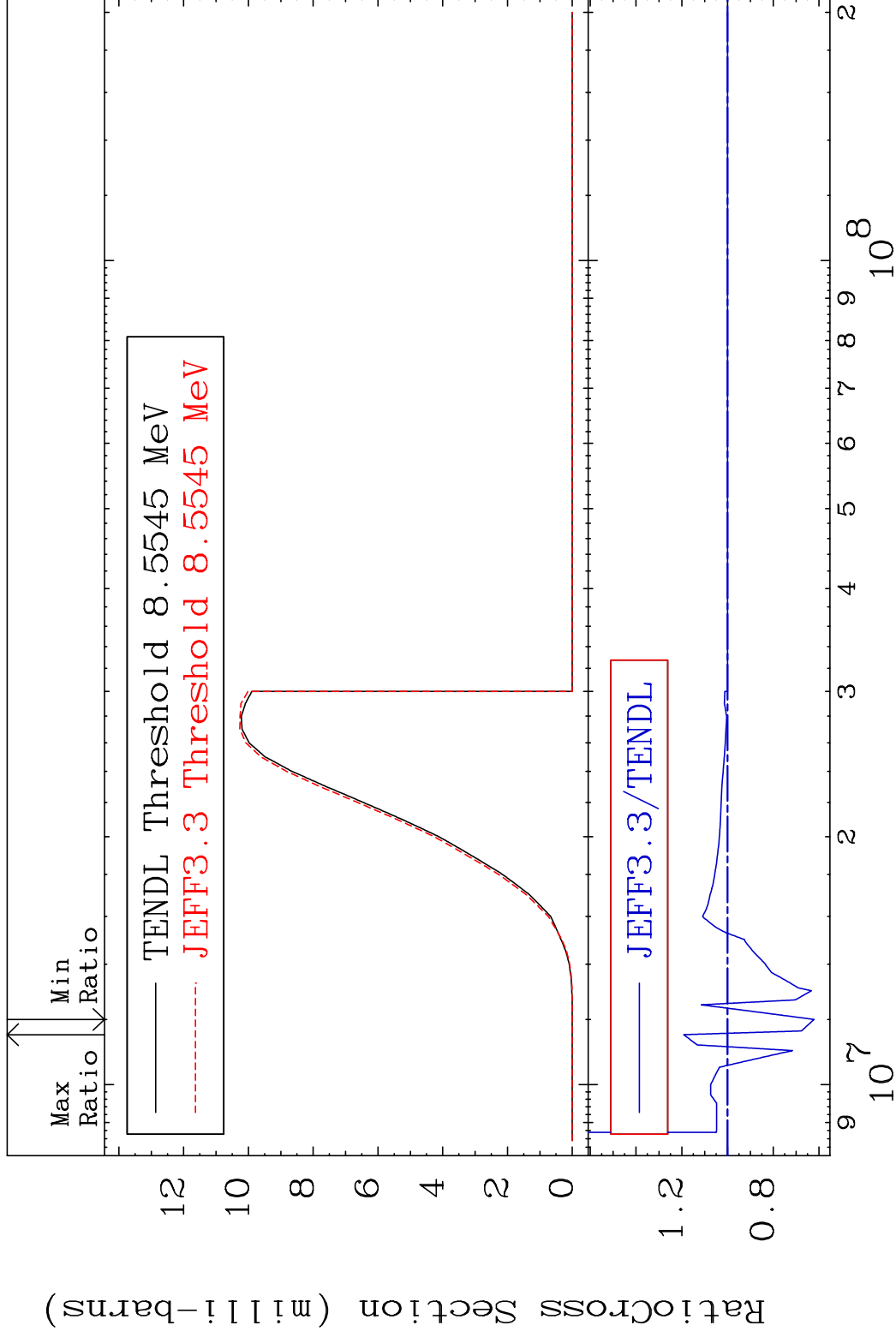
34-Se-77

MAT 3434

(n, t)

34-Se-77

Cross Section -37.87 To 19.18 %



54

Incident Energy (eV)

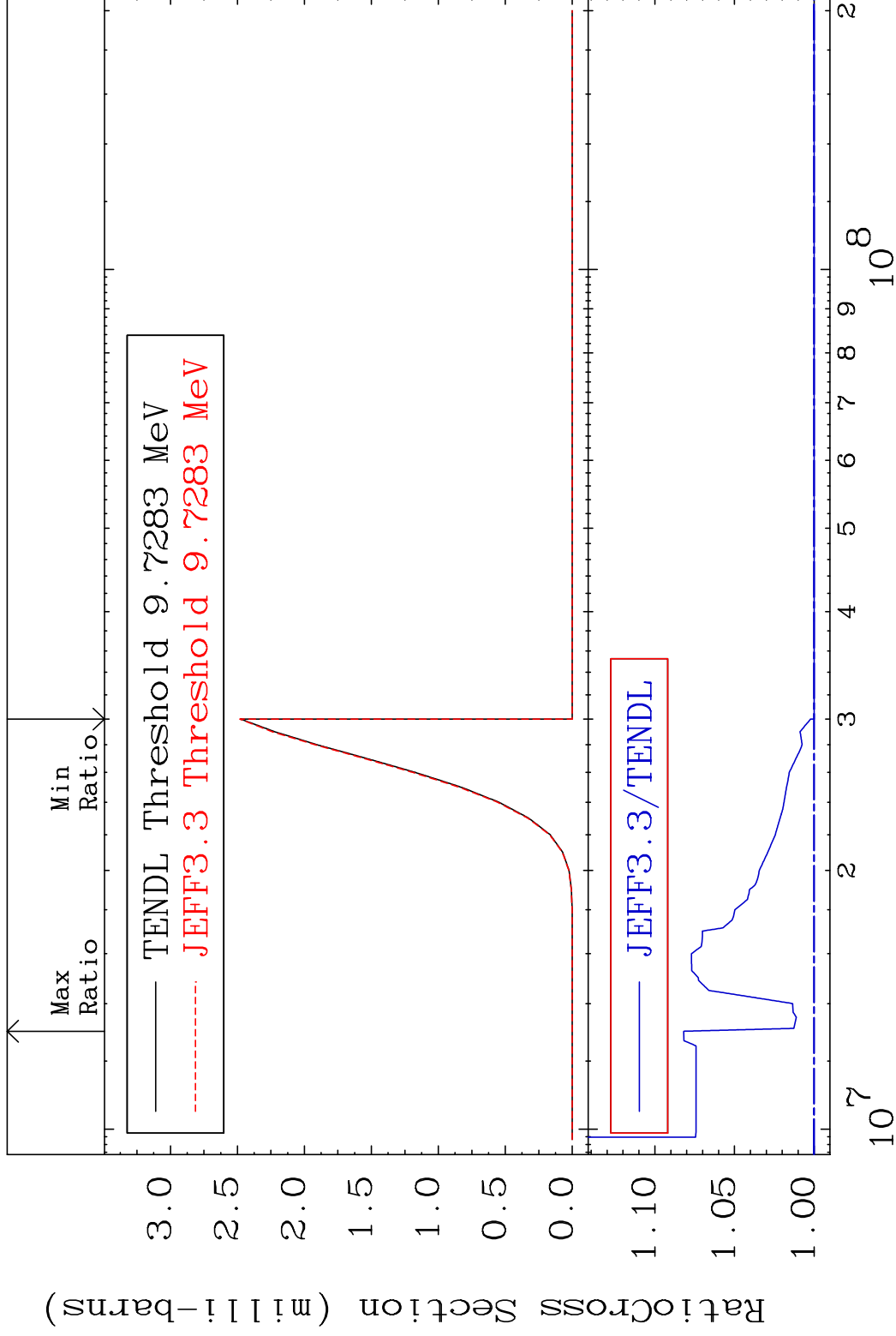
34-Se-77

MAT 3434

(n, He-3)

<sup>34</sup>Se-77

Cross Section 0.000 To 8.192 %



55

Incident Energy (eV)

<sup>34</sup>Se-77

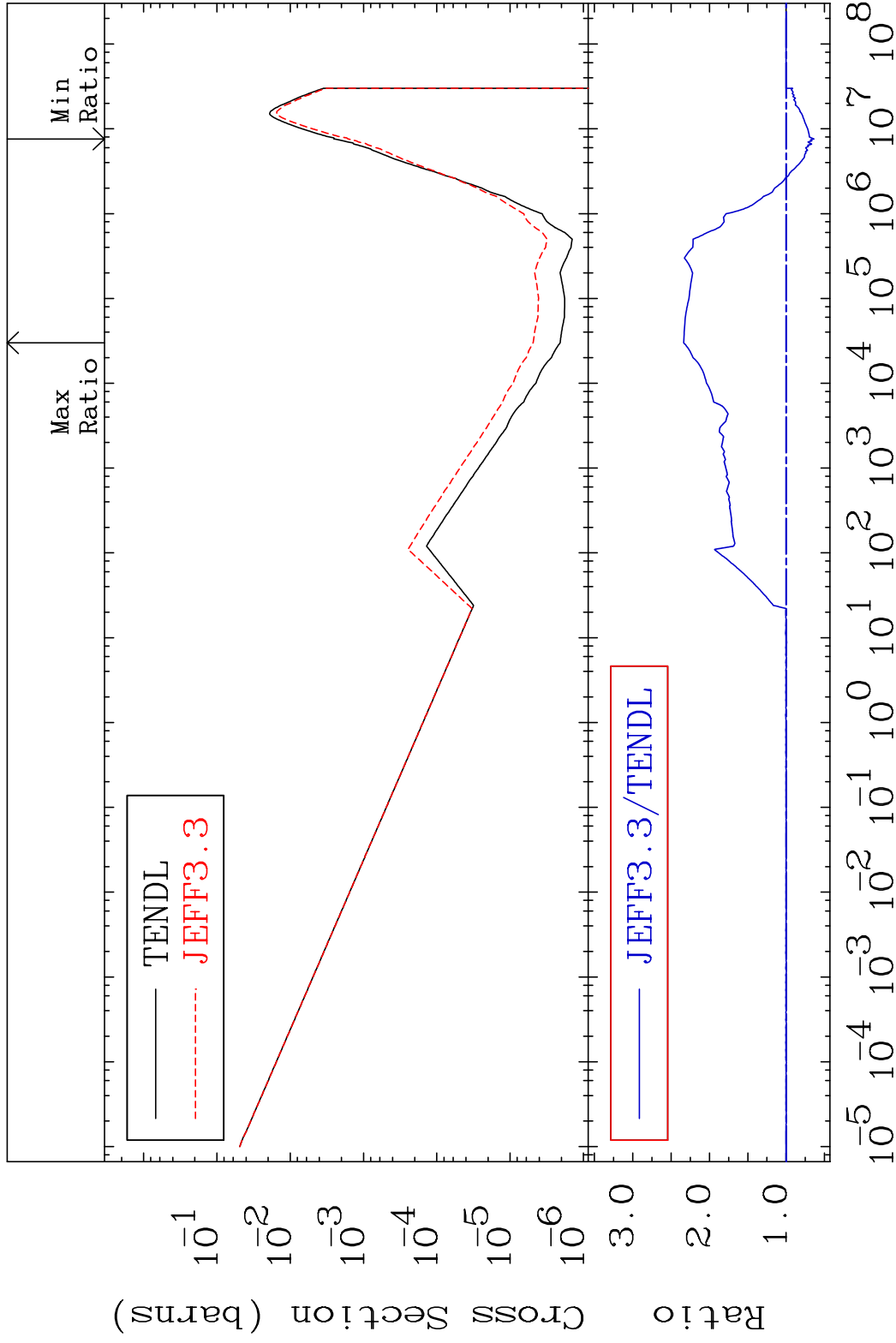


MAT 3434

34-Se-77

(n,  $\alpha$ )

Cross Section -36.41 To 133.6 %

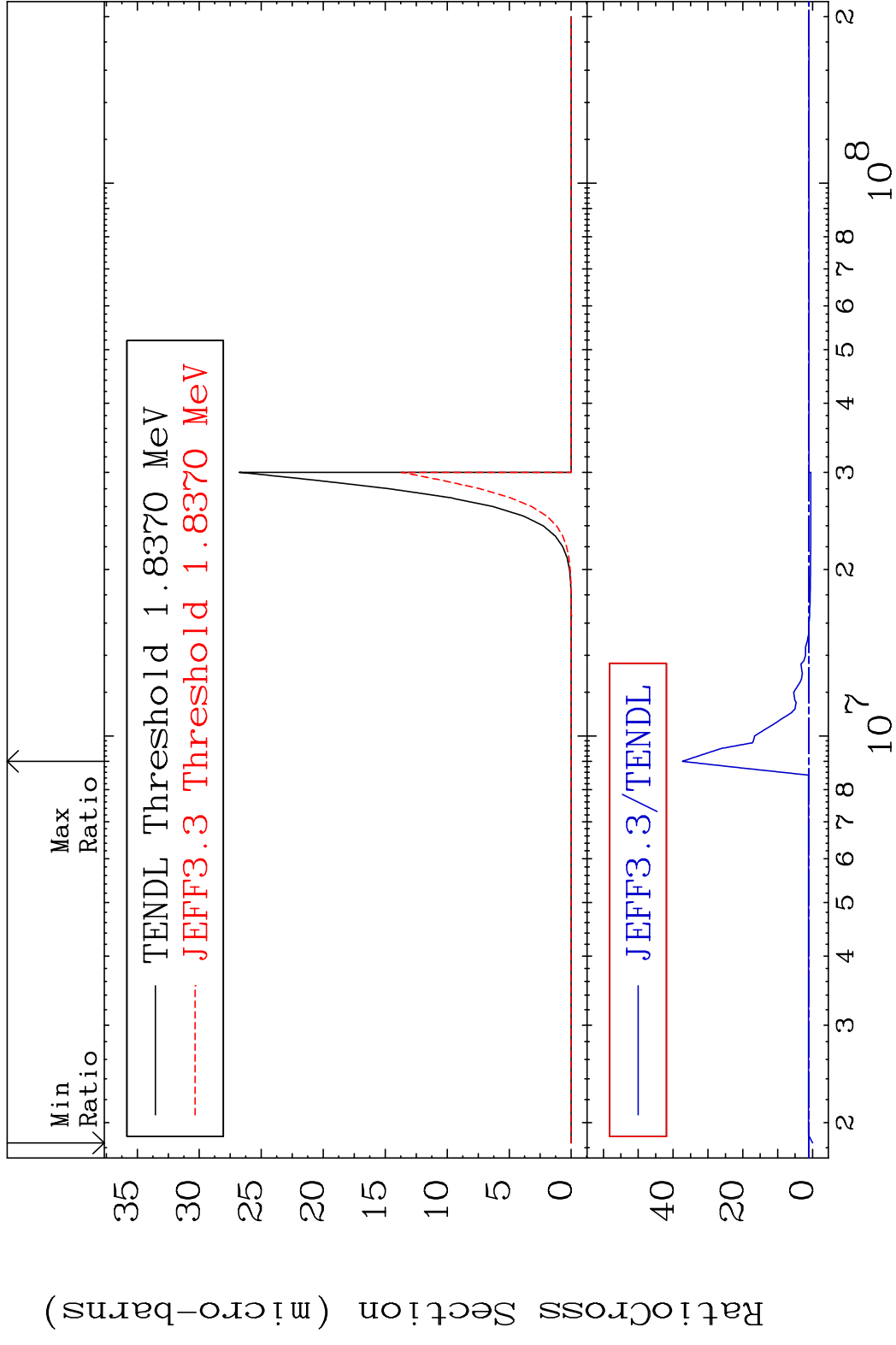


56

Incident Energy (eV)

34-Se-77

MAT 3434 (n,2α) 34-Se-77  
 Cross Section -100.0 To 3635. %

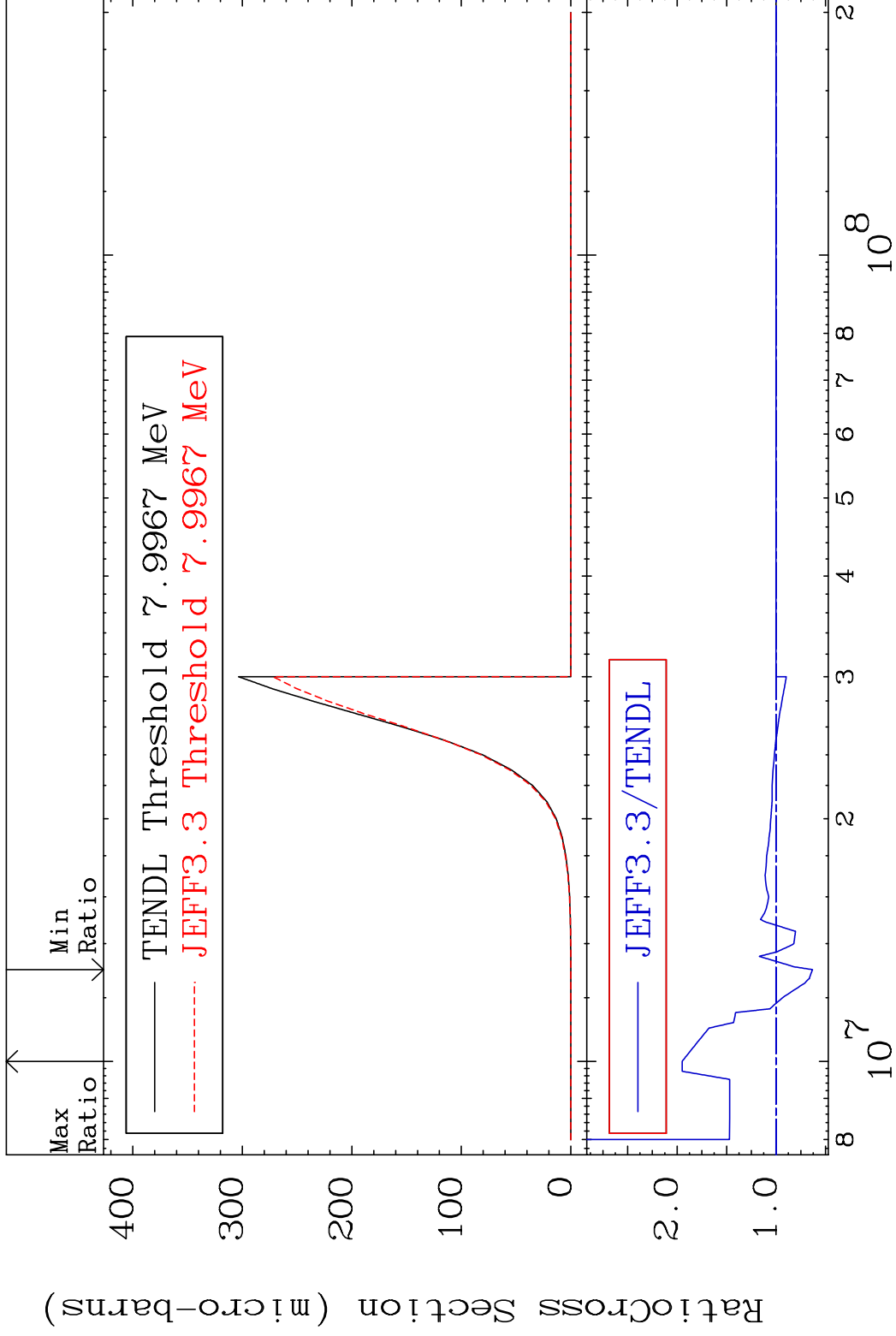


MAT 3434

(n,2p)

34-Se-77

Cross Section -36.79 To 94.90 %



58

Incident Energy (eV)

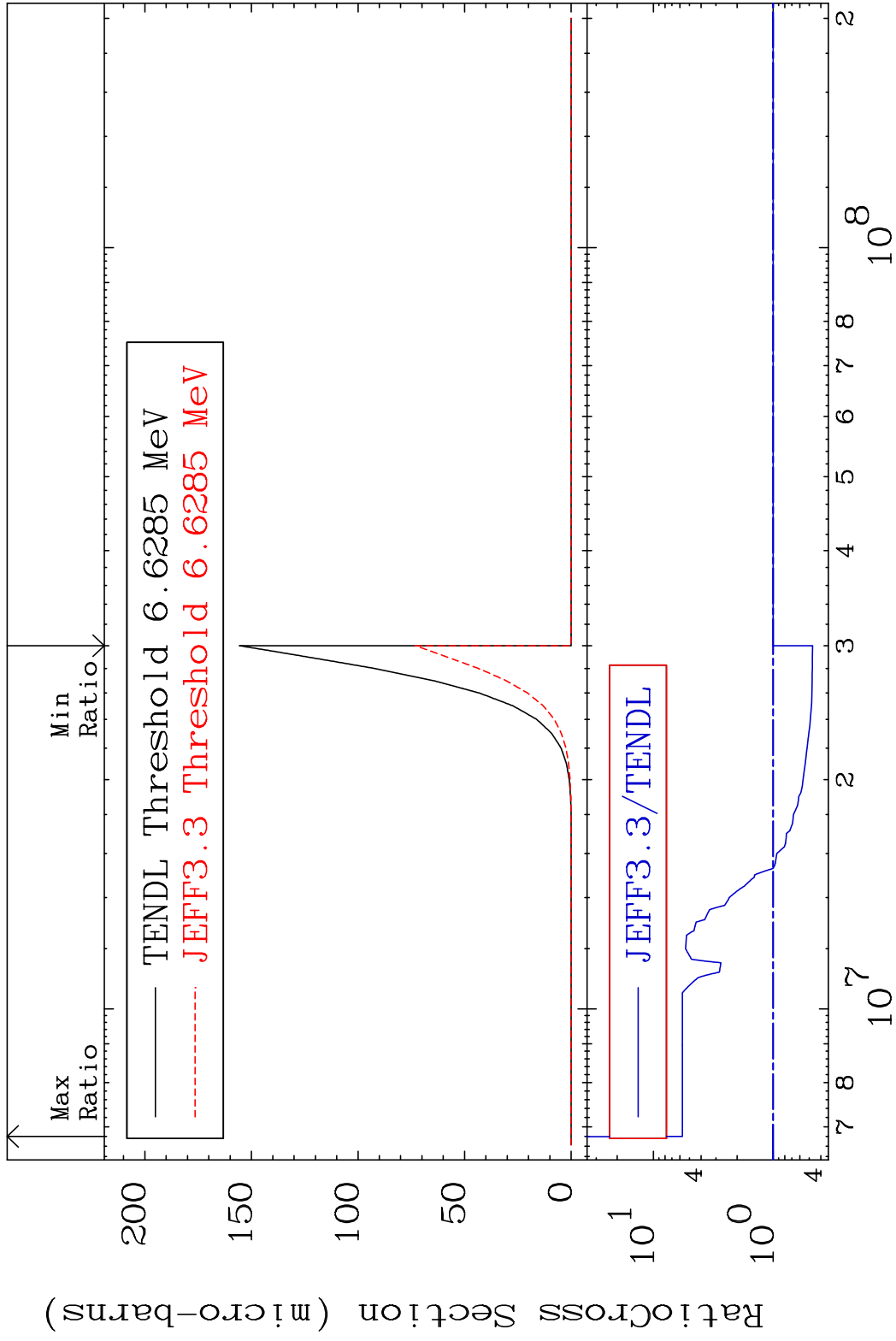
34-Se-77

MAT 3434

(n,p)  $\alpha$

<sup>34</sup>Se-77

Cross Section -53.06 To 472.6 %



59

Incident Energy (eV)

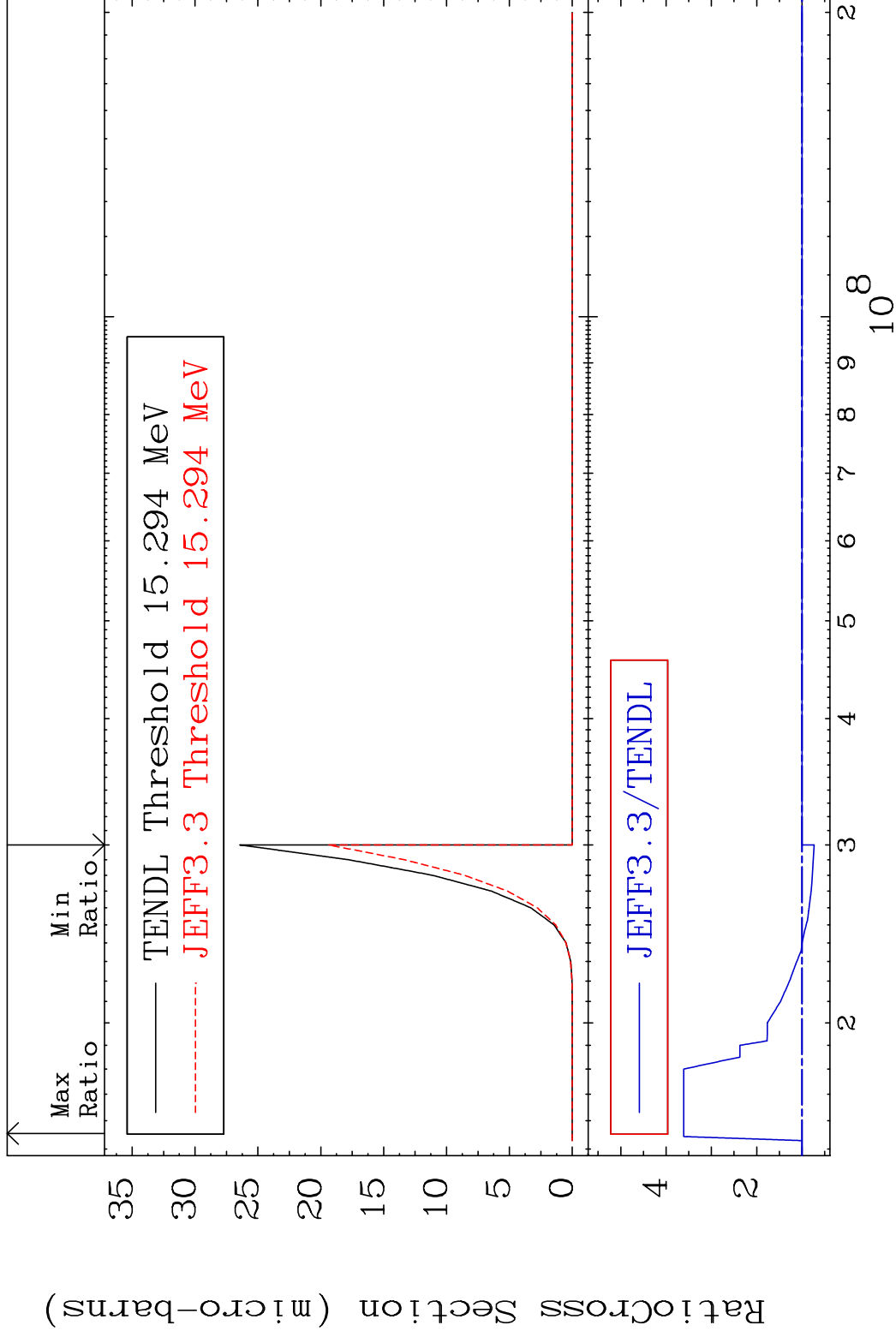
<sup>34</sup>Se-77

MAT 3434

(n,p) d

<sup>34</sup>Se-77

Cross Section -26.69 To 261.2 %

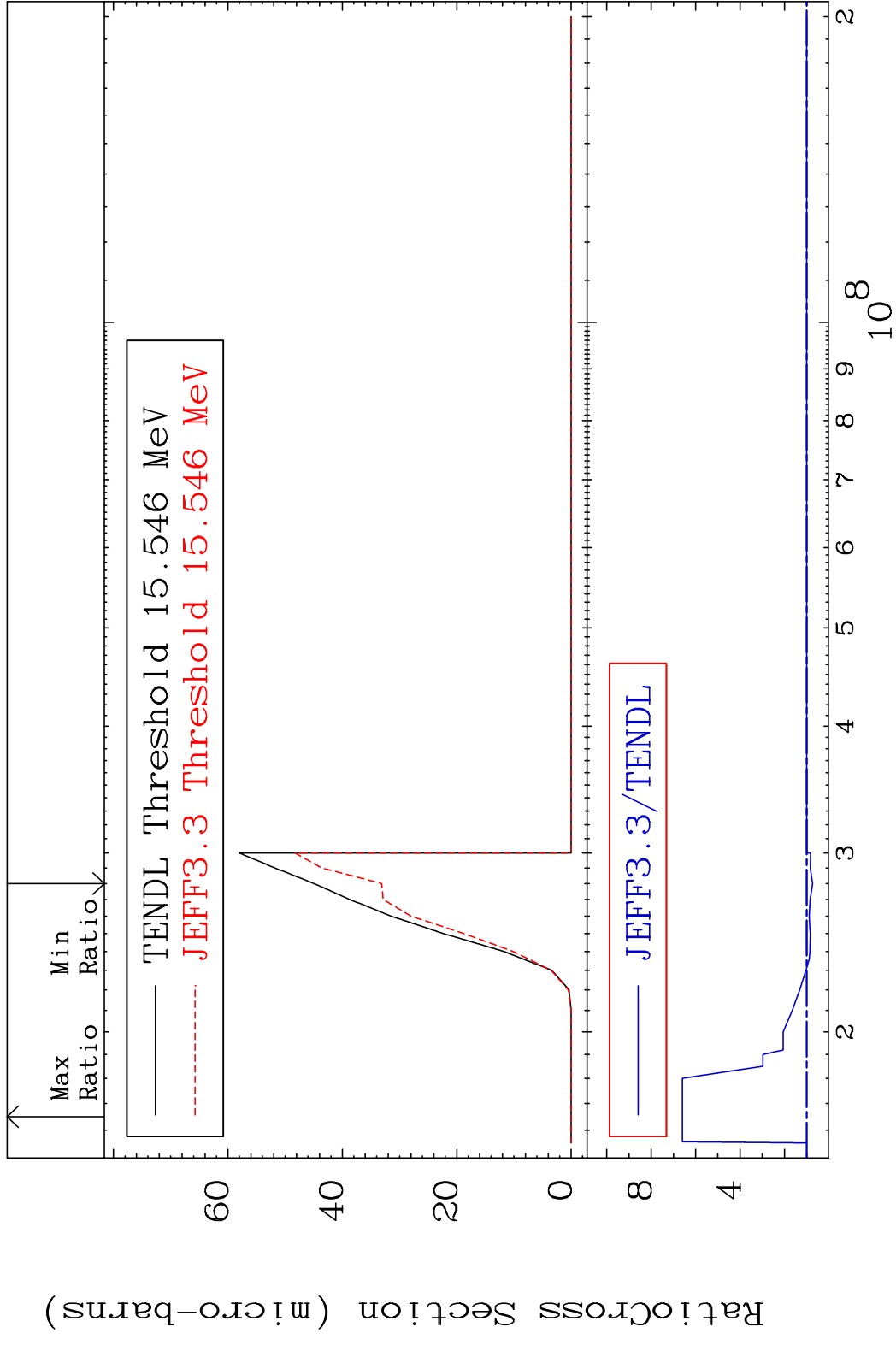


60

Incident Energy (eV)

<sup>34</sup>Se-77

MAT 3434 (n,p) t 34-Se-77  
 Cross Section -26.32 To 559.7 %

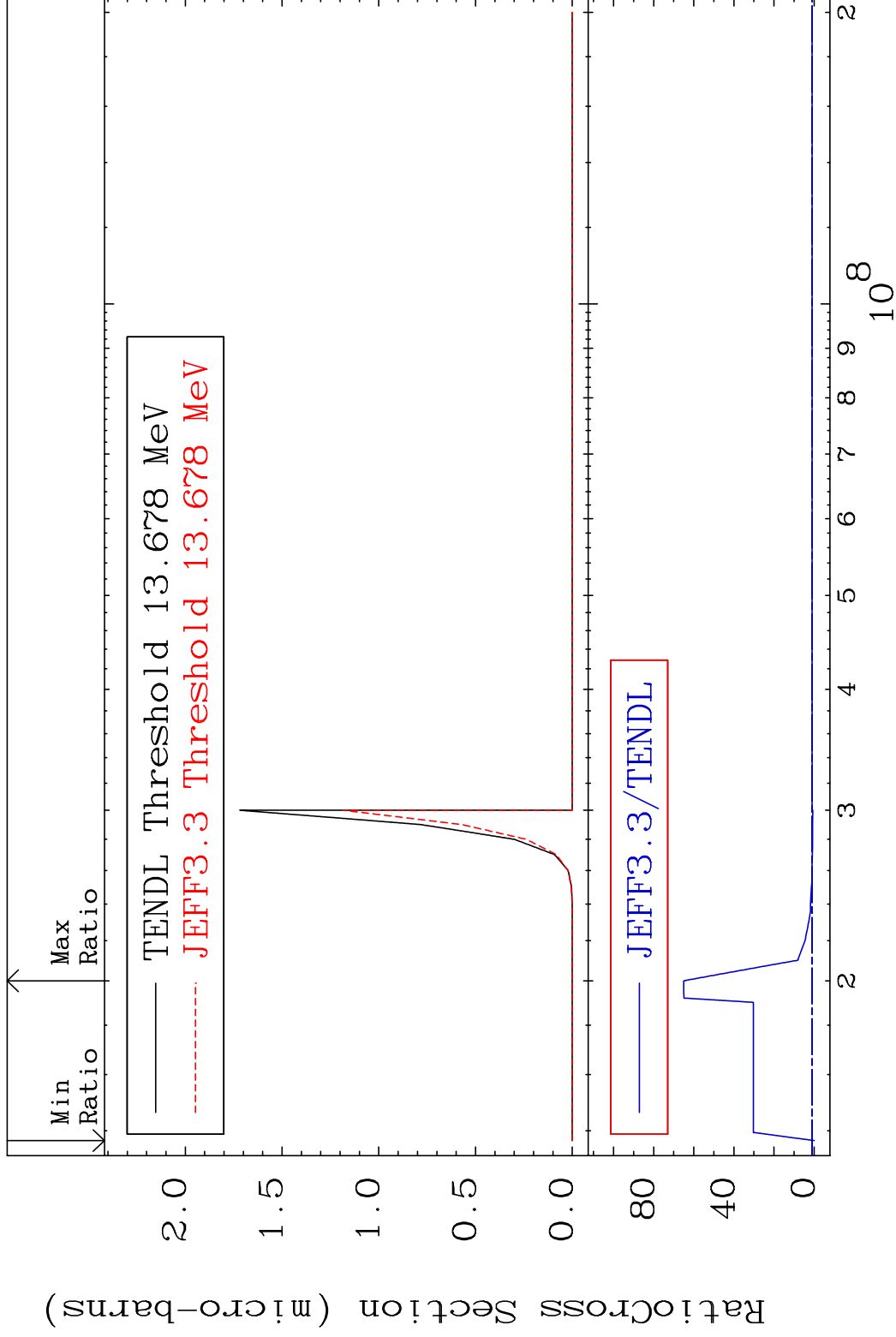


MAT 3434

(n,d)  $\alpha$

<sup>34</sup>Se-77

Cross Section -100.0 To 6404. %



62

Incident Energy (eV)

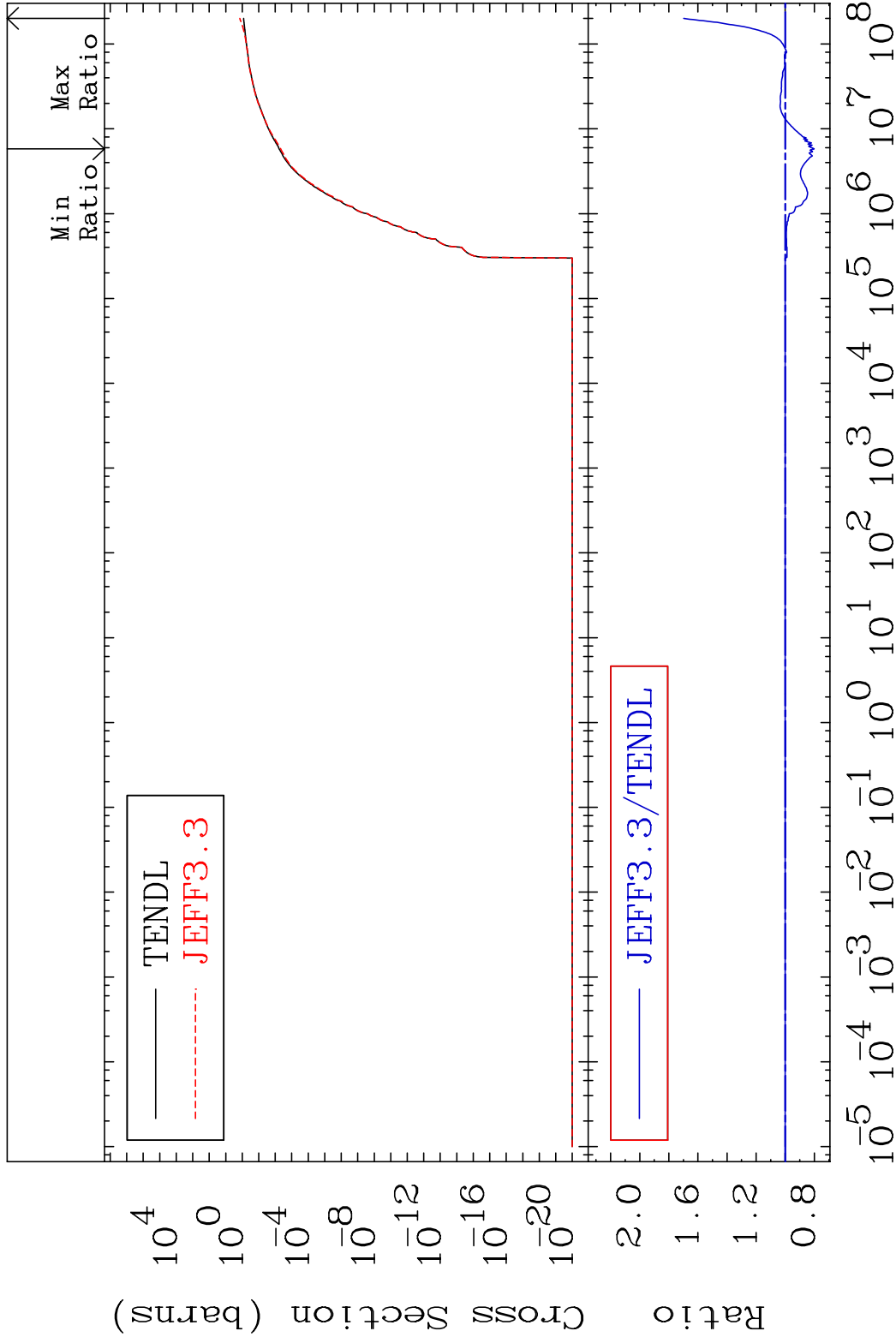
<sup>34</sup>Se-77

MAT 3434

Hydrogen Production

<sup>34</sup>Se-77

Cross Section -19.83 To 69.81 %



63

Incident Energy (eV)

<sup>34</sup>Se-77

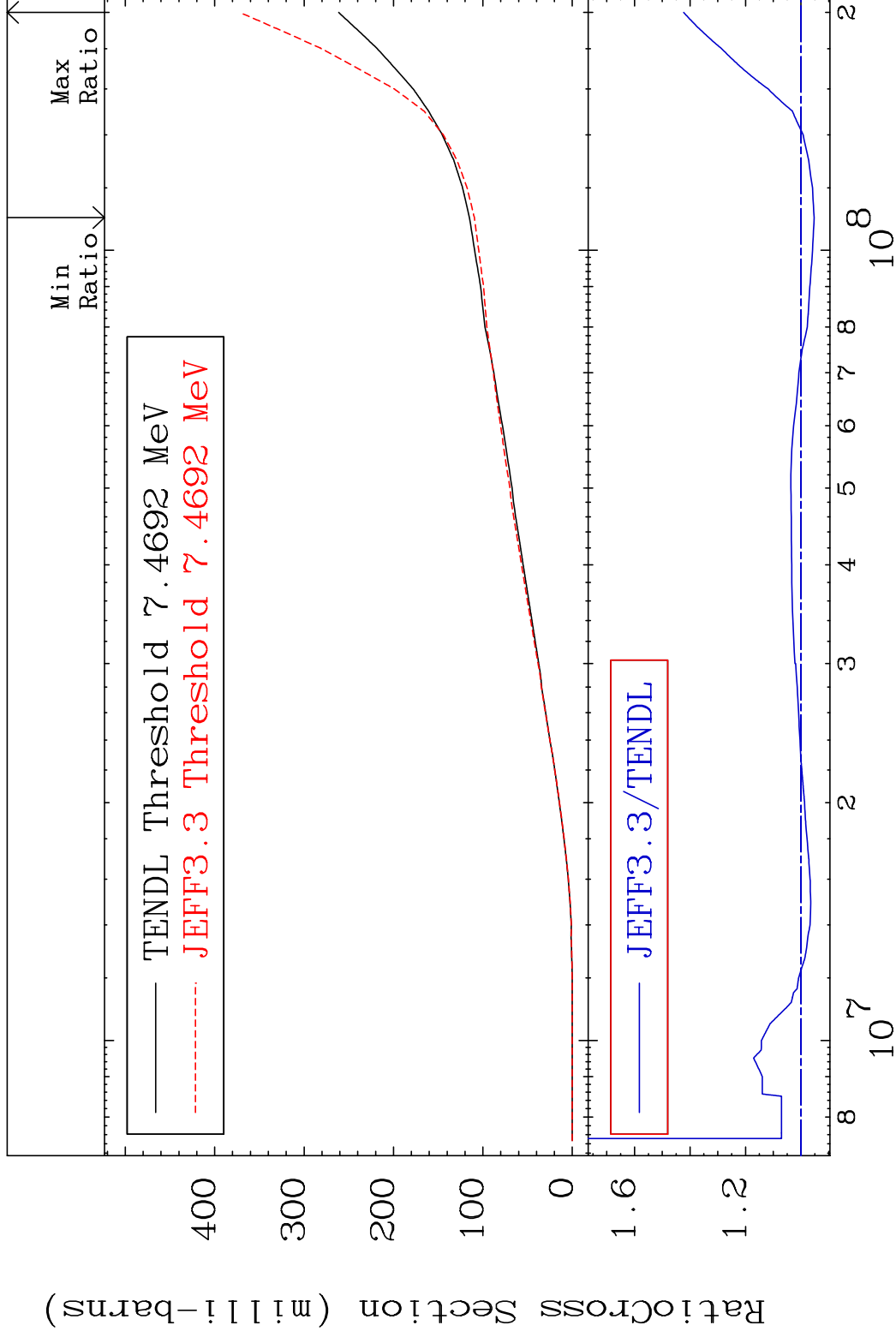


MAT 3434

Deuterium Production

34-Se-77

Cross Section -4.718 To 42.30 %



64

Incident Energy (eV)

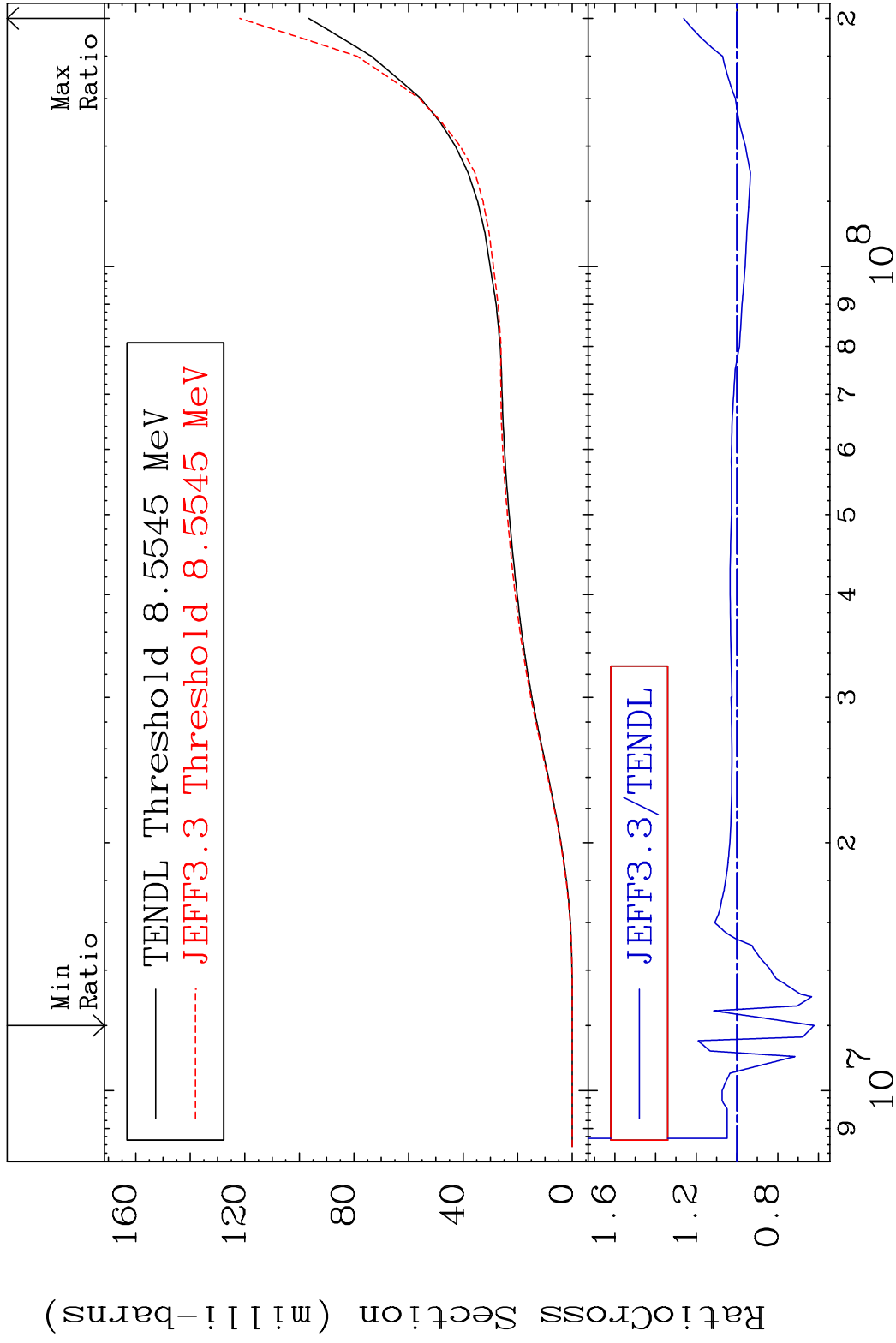
34-Se-77

MAT 3434

Tritium Production

34-Se-77

Cross Section -37.87 To 26.21 %



65

Incident Energy (eV)

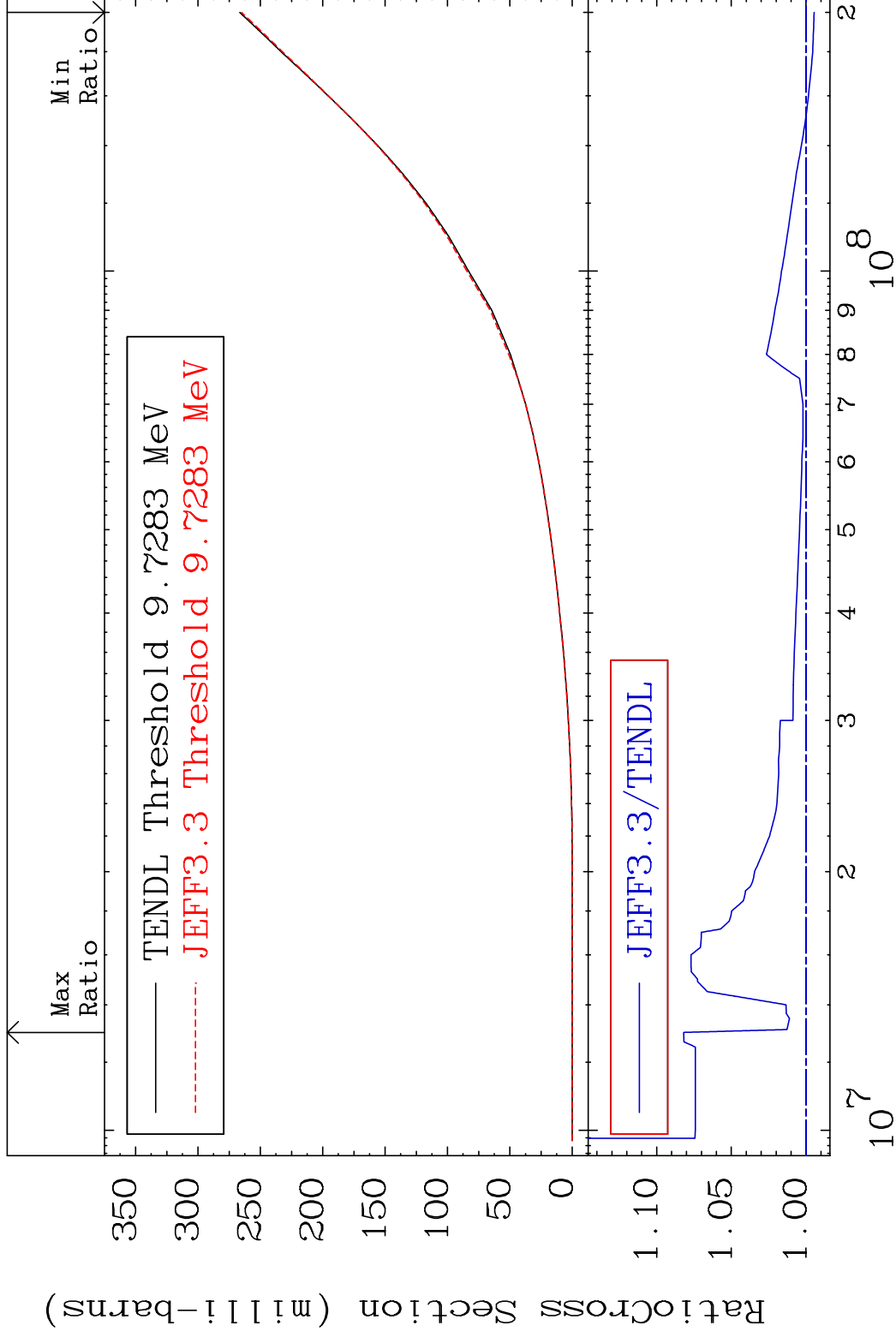
34-Se-77

MAT 3434

He-3 Production

34-Se-77

Cross Section -0.542 To 8.192 %



66

Incident Energy (eV)

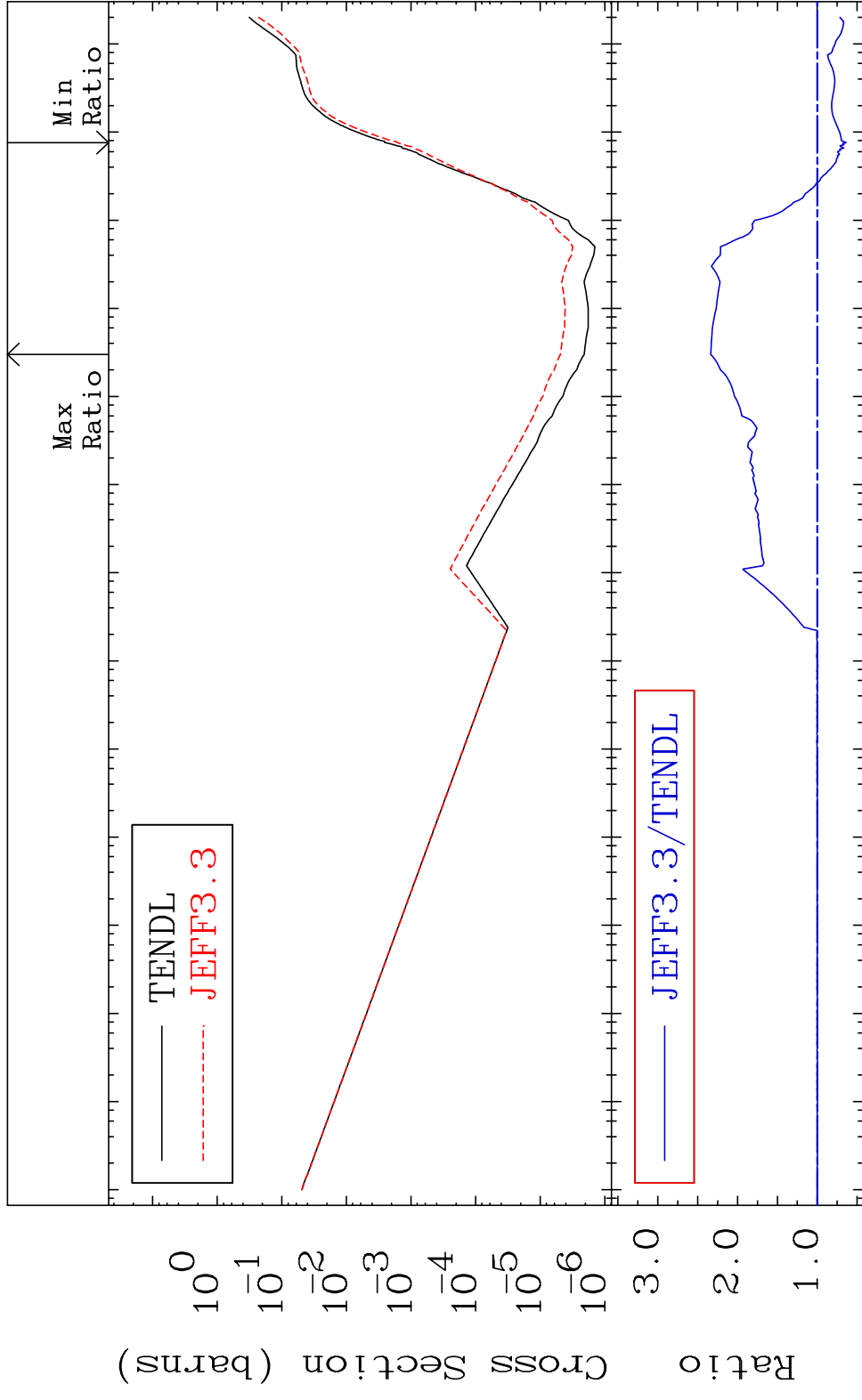
34-Se-77

MAT 3434

He-4 Production

34-Se-77

Cross Section -36.41 To 133.6 %

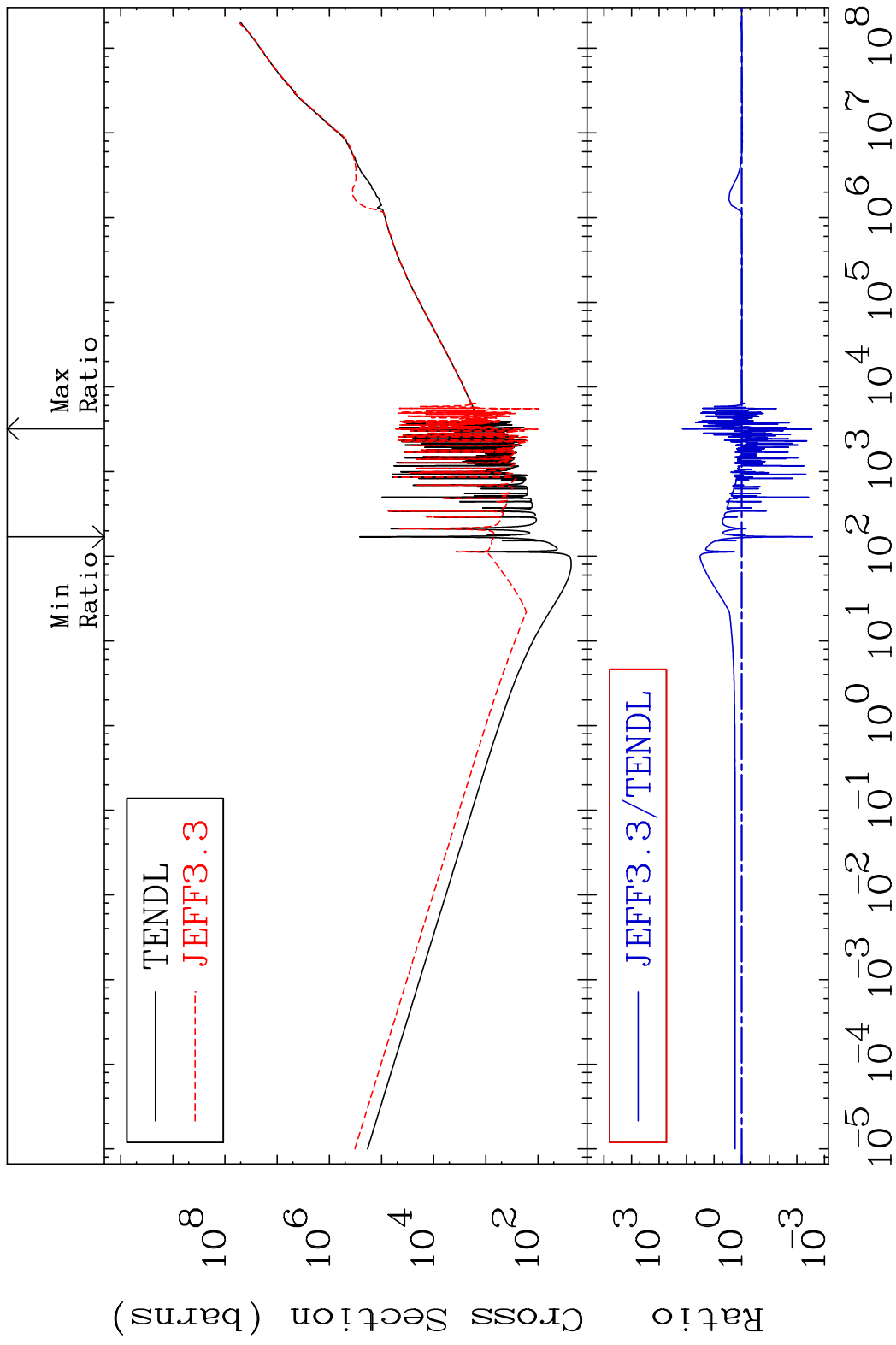


67

Incident Energy (eV)

34-Se-77

MAT 3434 Kerma total (eV-barns) 34-Se-77  
 Cross Section -99.73 To 9999. %

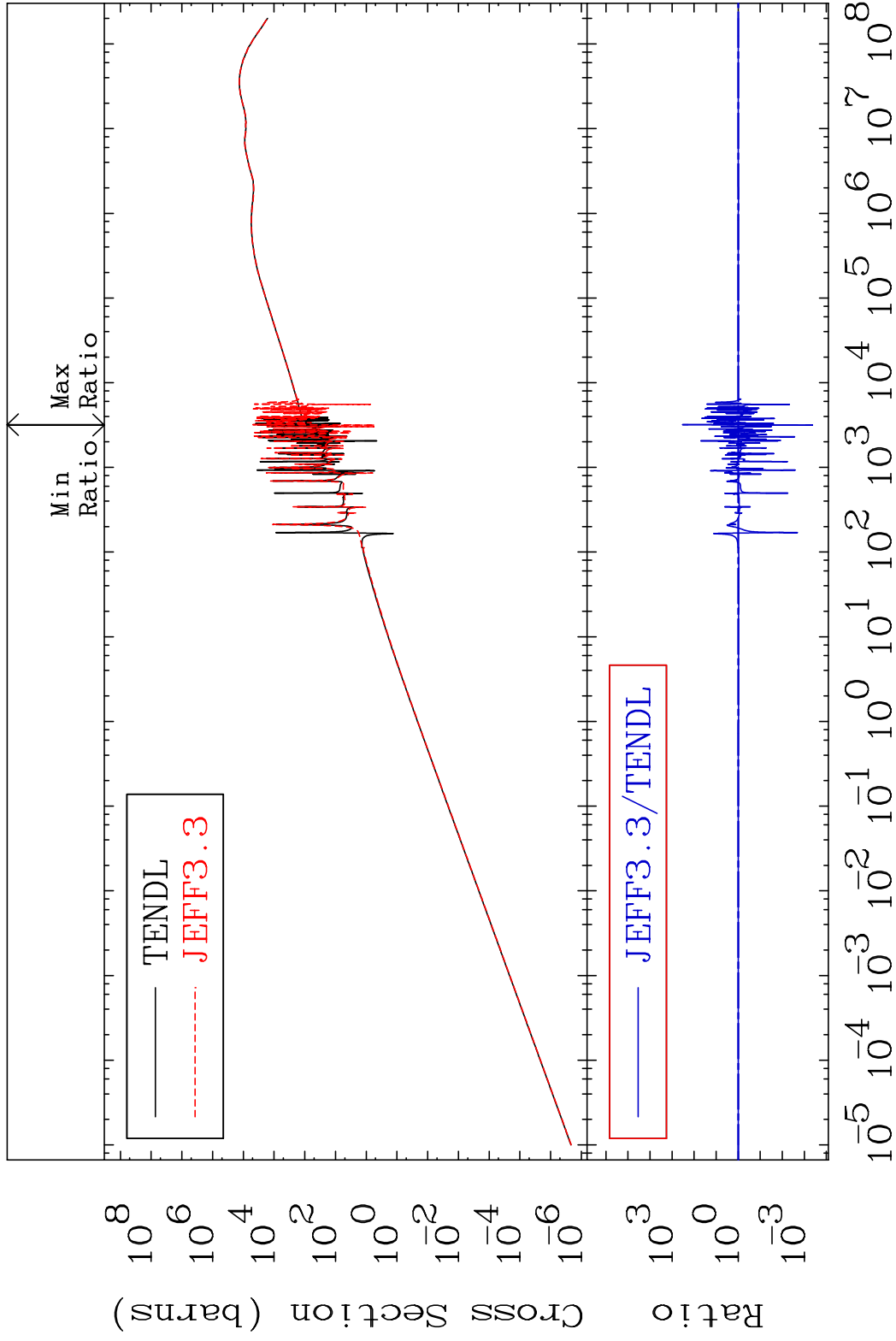


MAT 3434

Kerma elastic

34-Se-77

Cross Section -99.96 To 9999. %

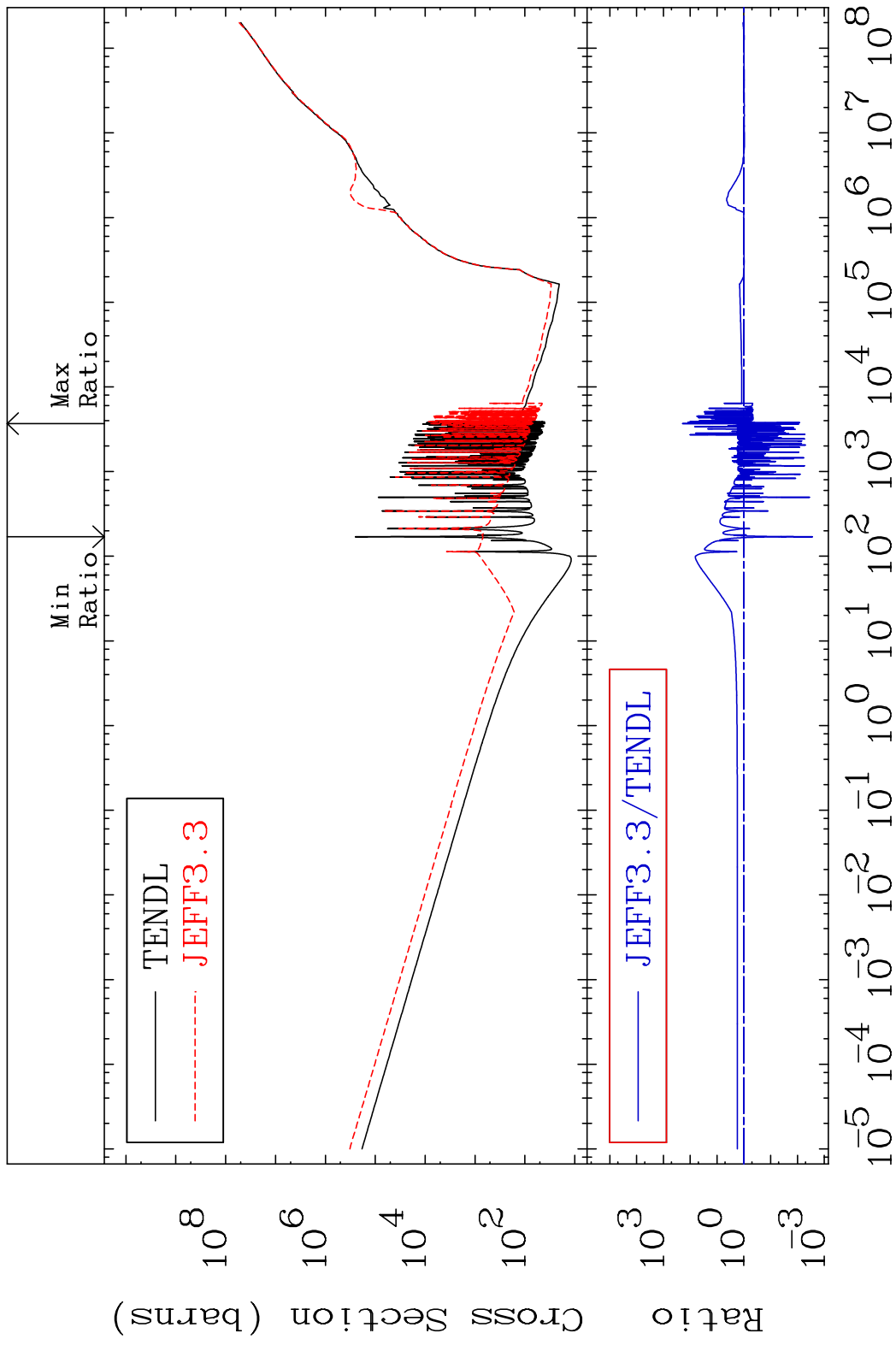


69

Incident Energy (eV)

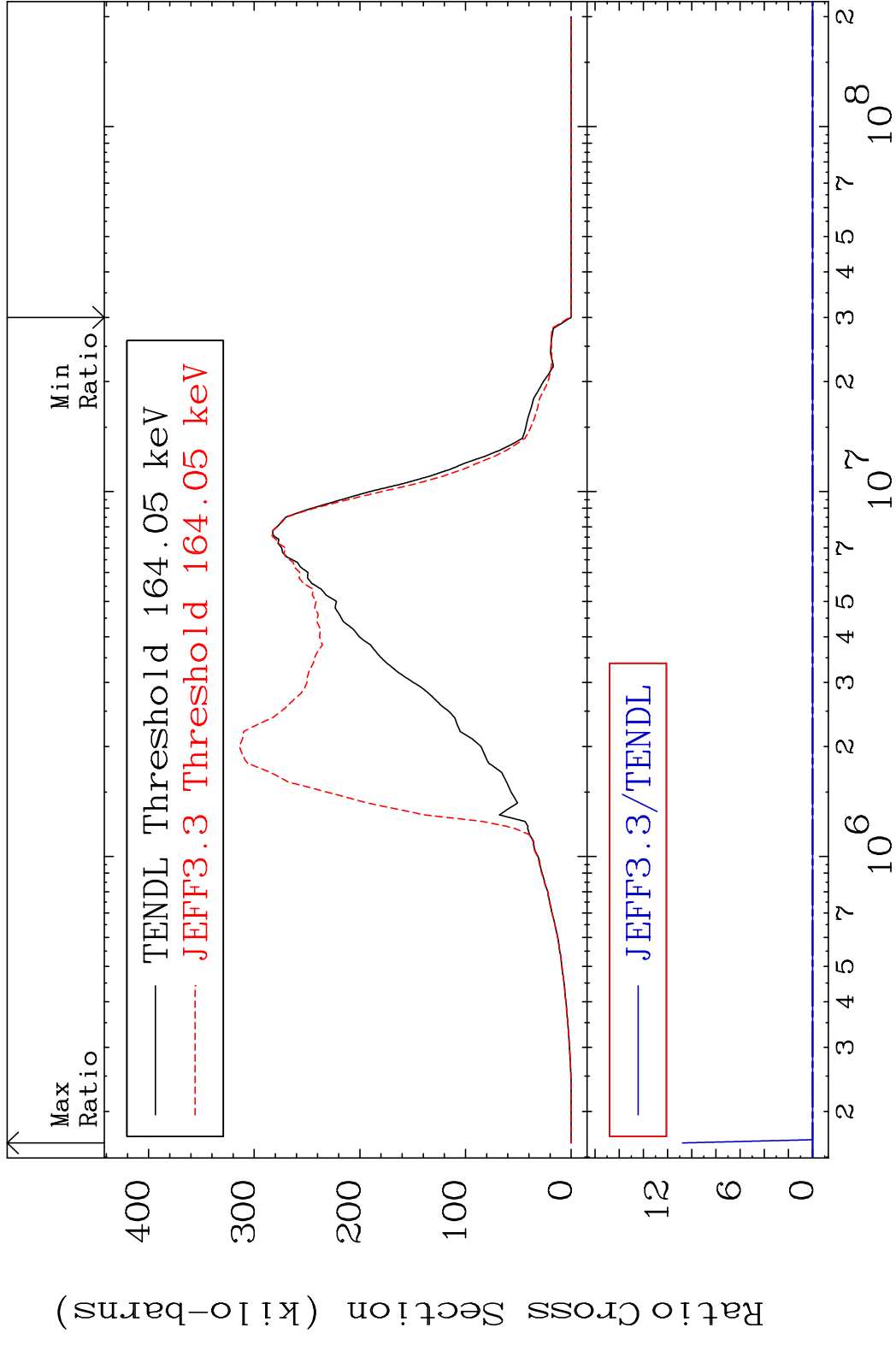
34-Se-77

MAT 3434 Kerma non-elastic (all but mt2) 34-Se-77  
Cross Section -99.73 To 9999. %



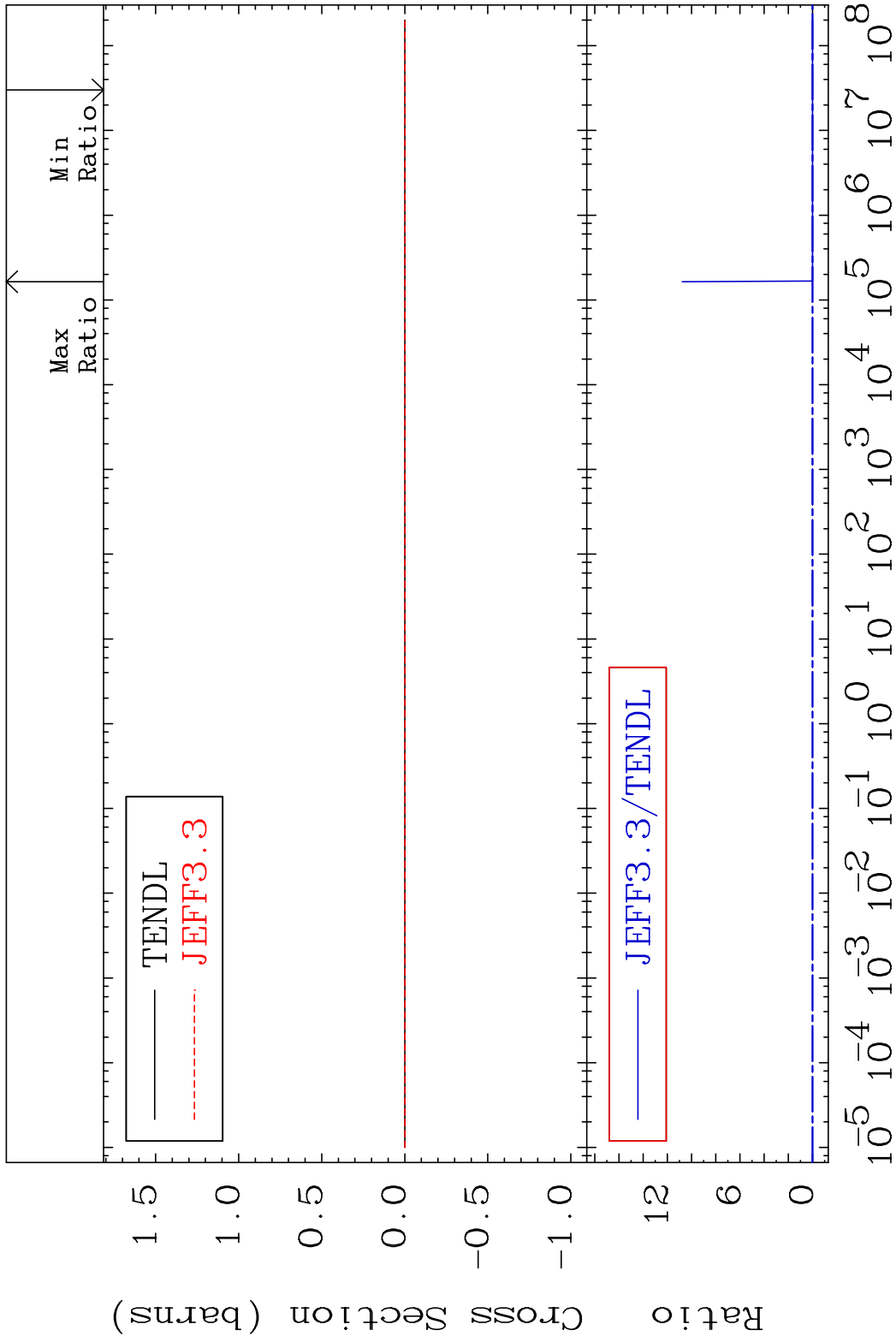
70 Incident Energy (eV) 34-Se-77

MAT 3434 Kerma inelastic (mt51-91) 34-Se-77  
 Cross Section -4327. To 9999. %



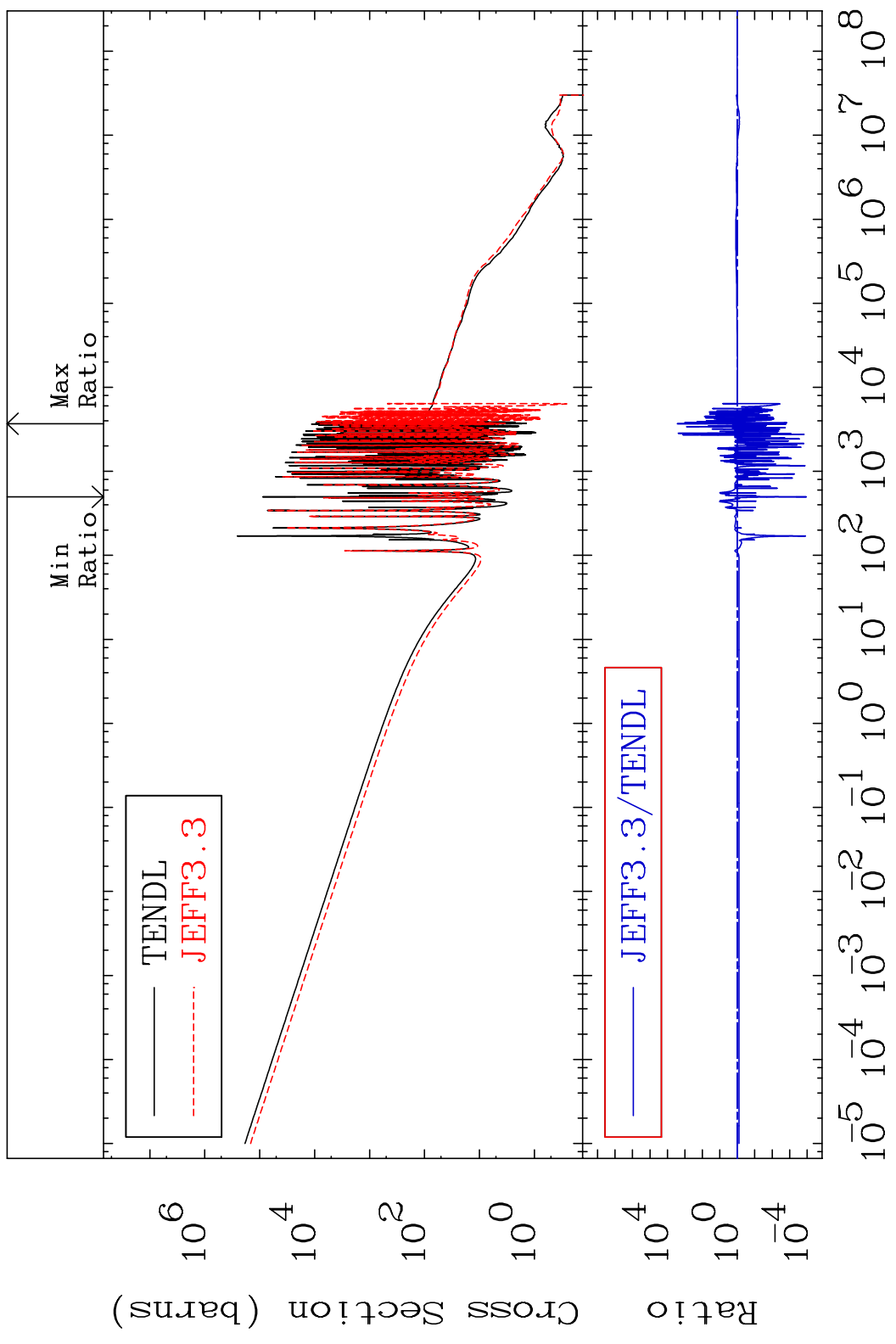


MAT 3434 Kerma fission (mt18 or mt19-20-21-38) 34-Se-77  
 Cross Section -4327. To 9999. %



MAT 3434

Kerma capture (mt102) 34-Se-77  
Cross Section -99.99 To 9999. %



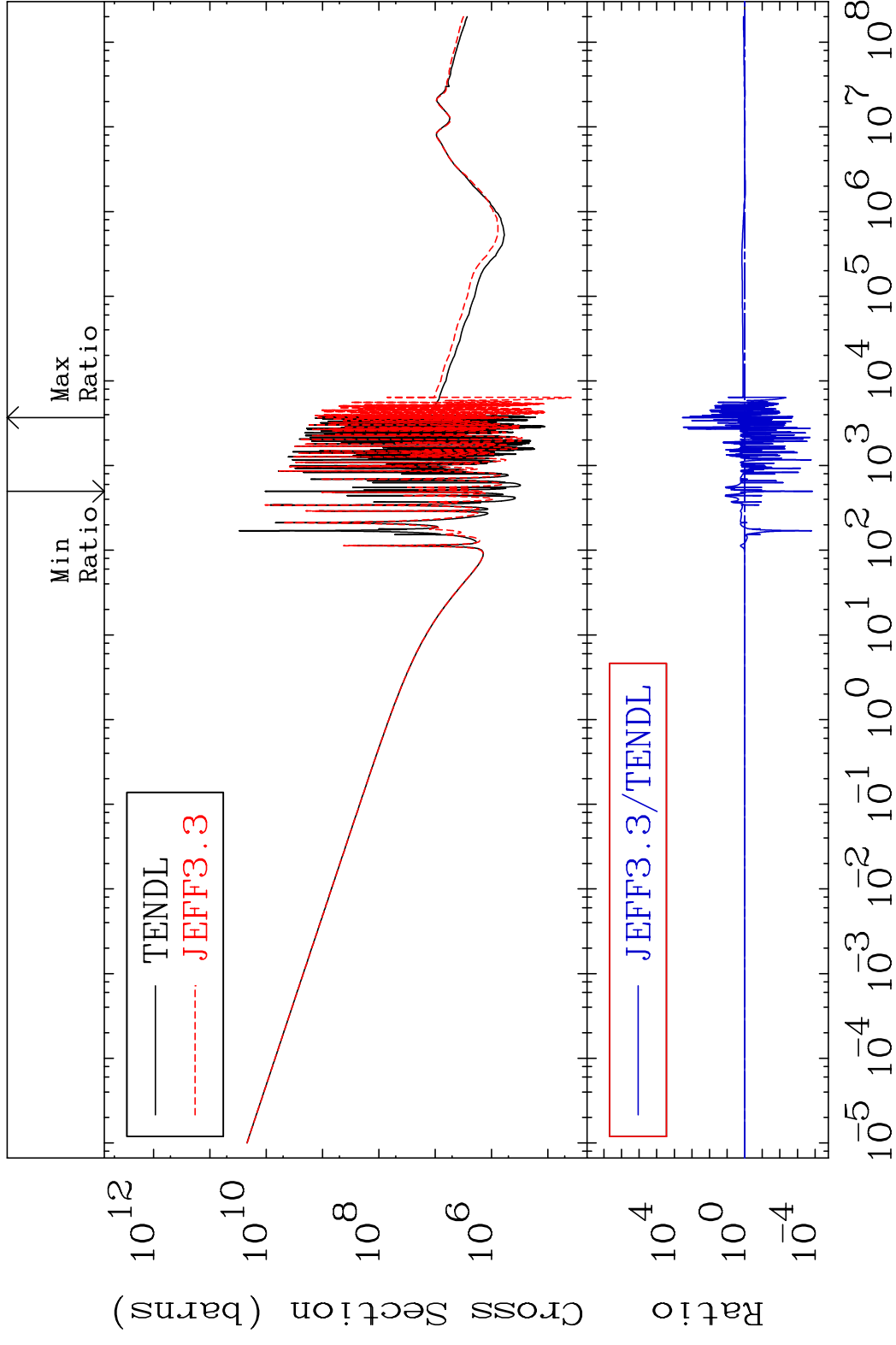
73

Incident Energy (eV)

34-Se-77

MAT 3434

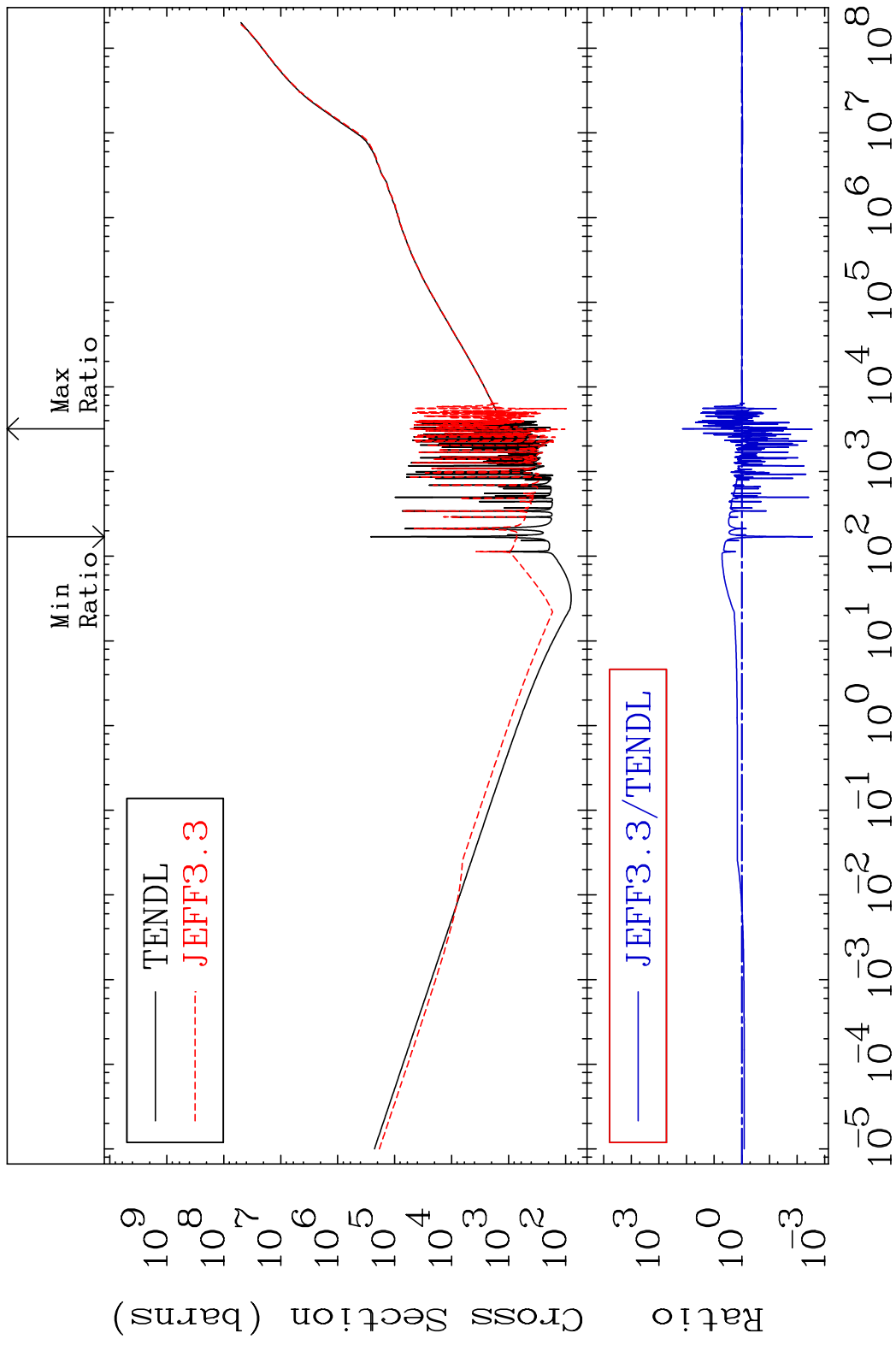
Total photon (eV-barns) 34-Se-77  
Cross Section -99.99 To 9999. %



74

Incident Energy (eV) 34-Se-77

MAT 3434 Total kinematic kerma (high limit) 34-Se-77  
 Cross Section -99.73 To 9999. %

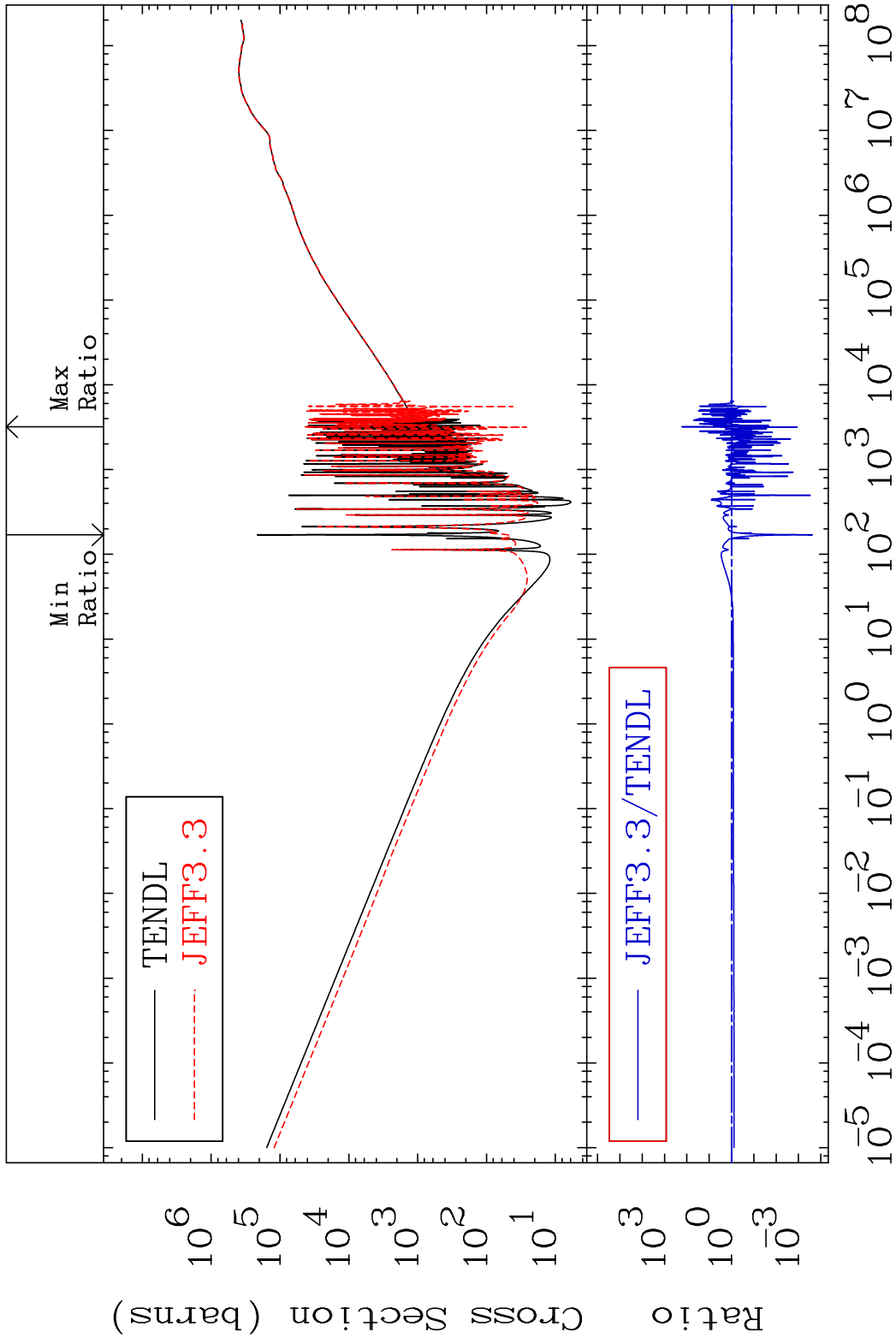


MAT 3434

Dpa total (eV-barns)

34-Se-77

Cross Section -99.98 To 9999. %



76

Incident Energy (eV)

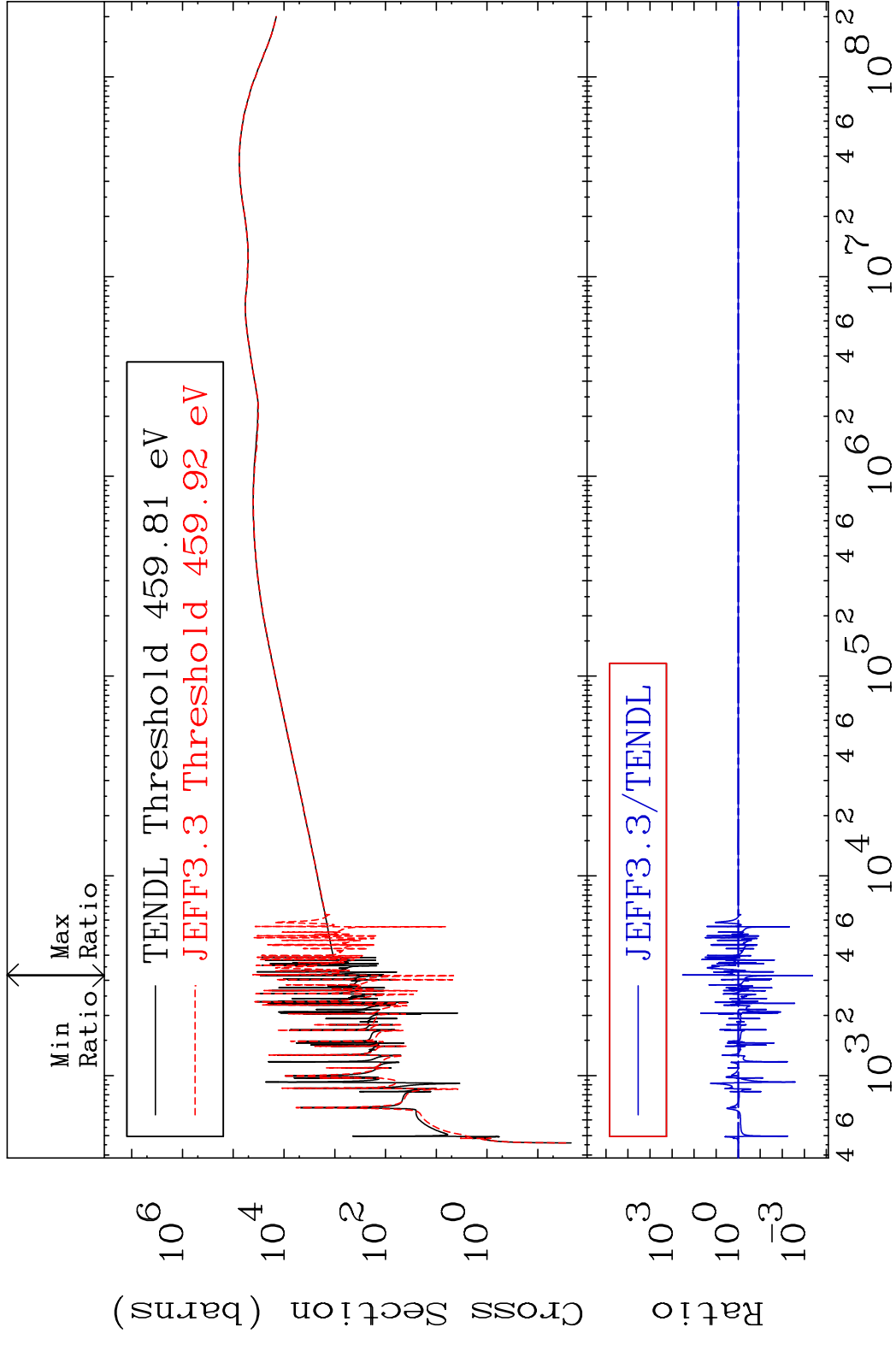
34-Se-77

MAT 3434

Dpa elastic (mt2)

34-Se-77

Cross Section -99.96 To 9999. %

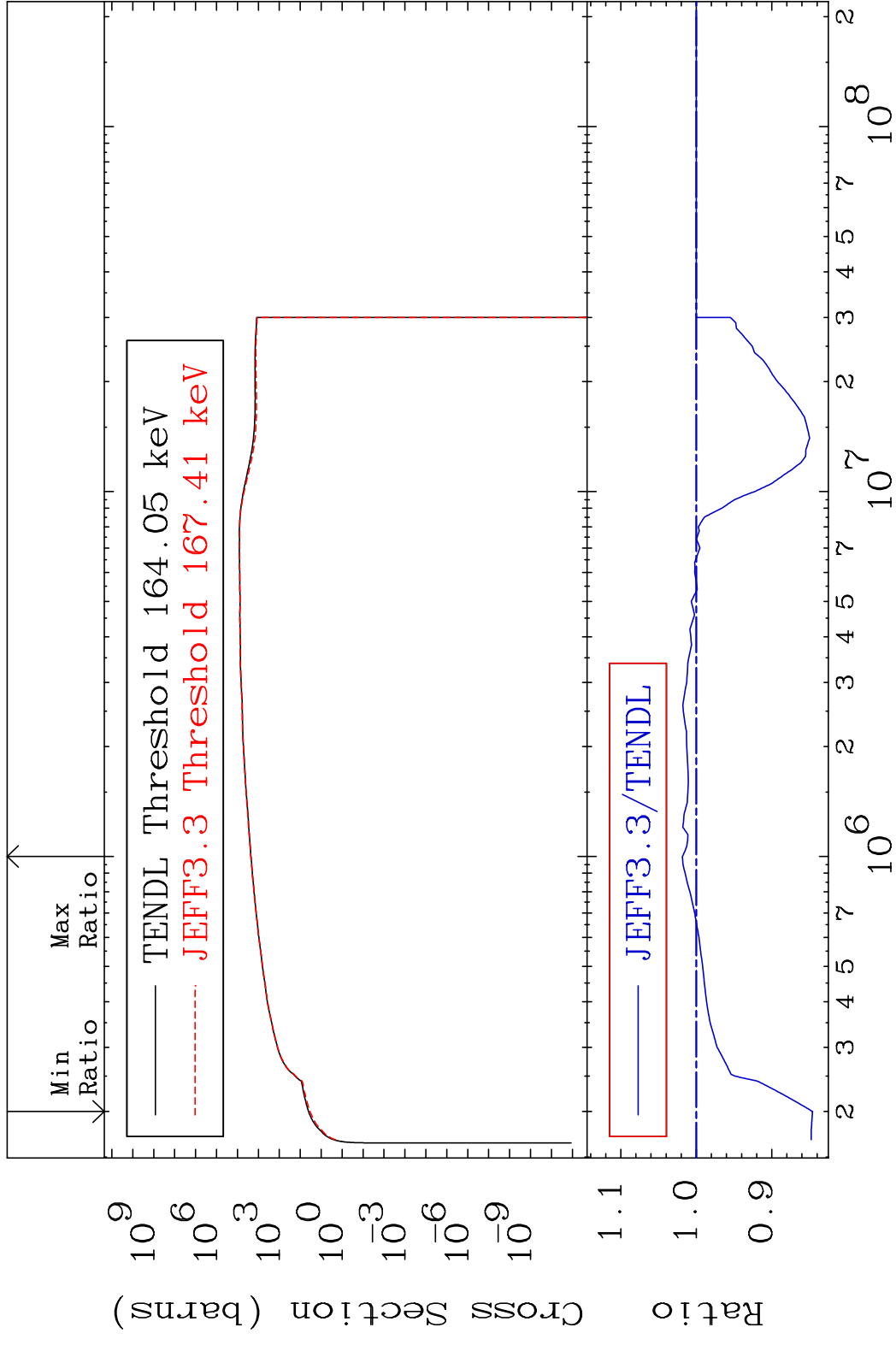


77

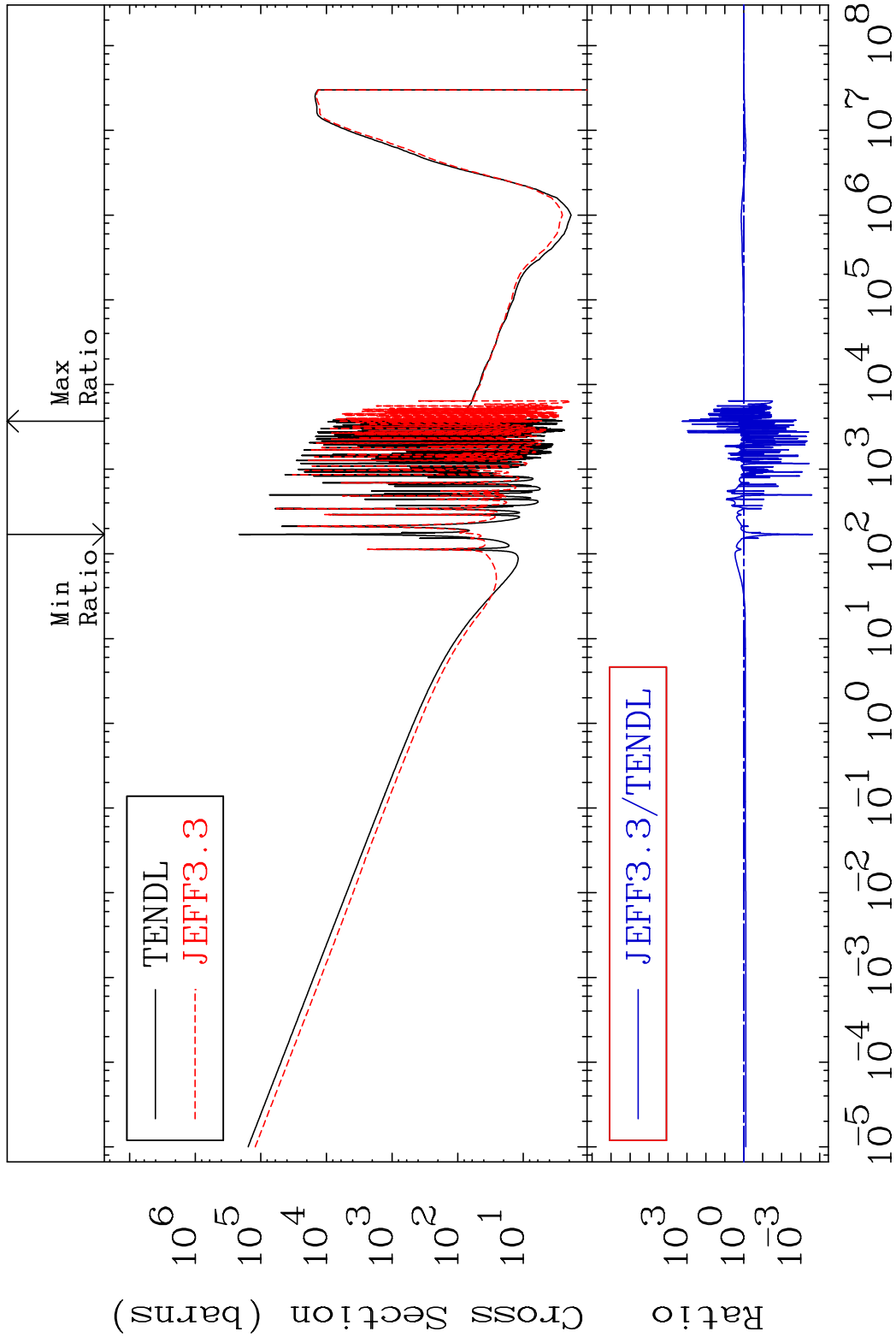
Incident Energy (eV)

34-Se-77

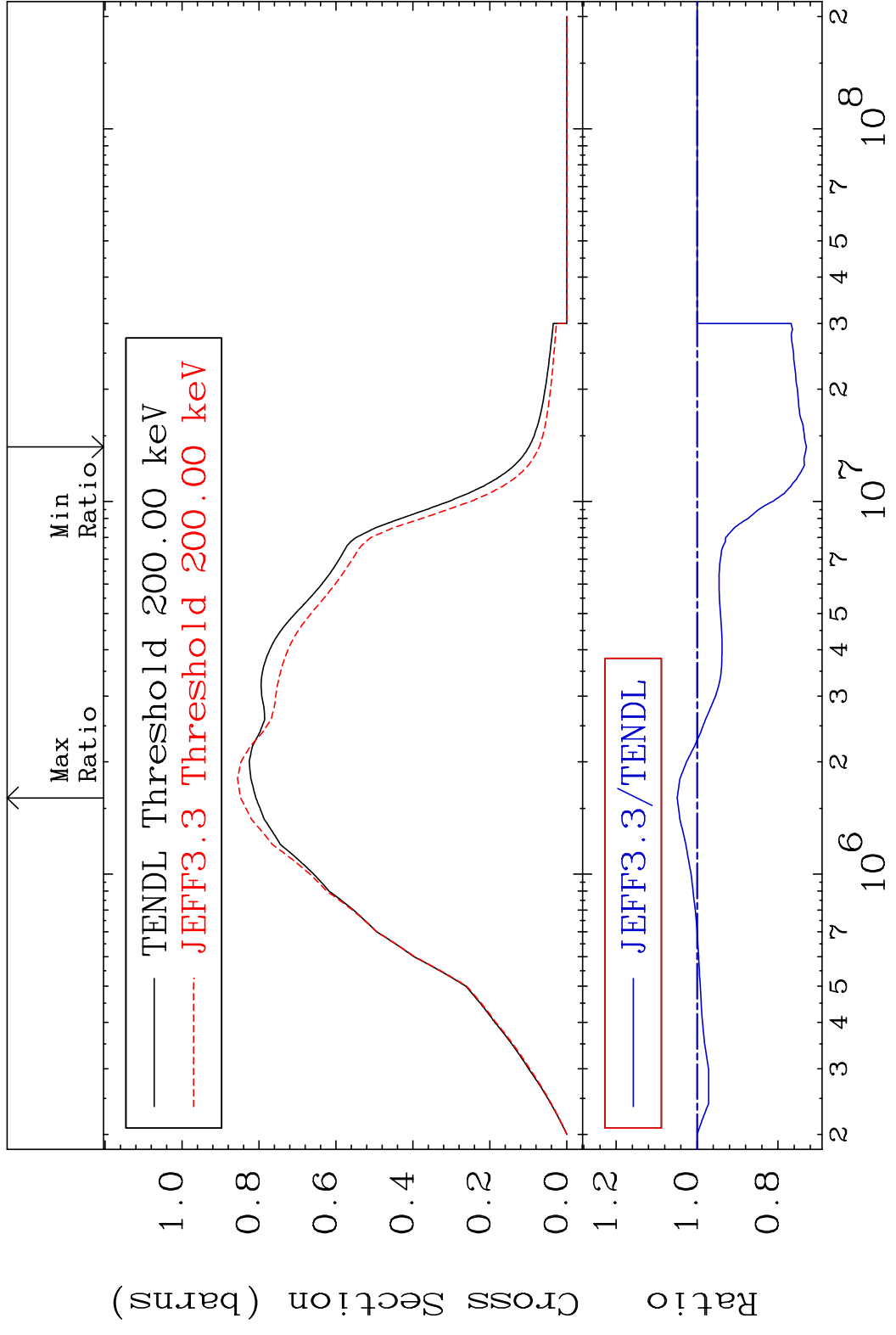
MAT 3434      Dpa inelastic (mt51-91)      34-Se-77  
 Cross Section      -15.40 To 1.848 %

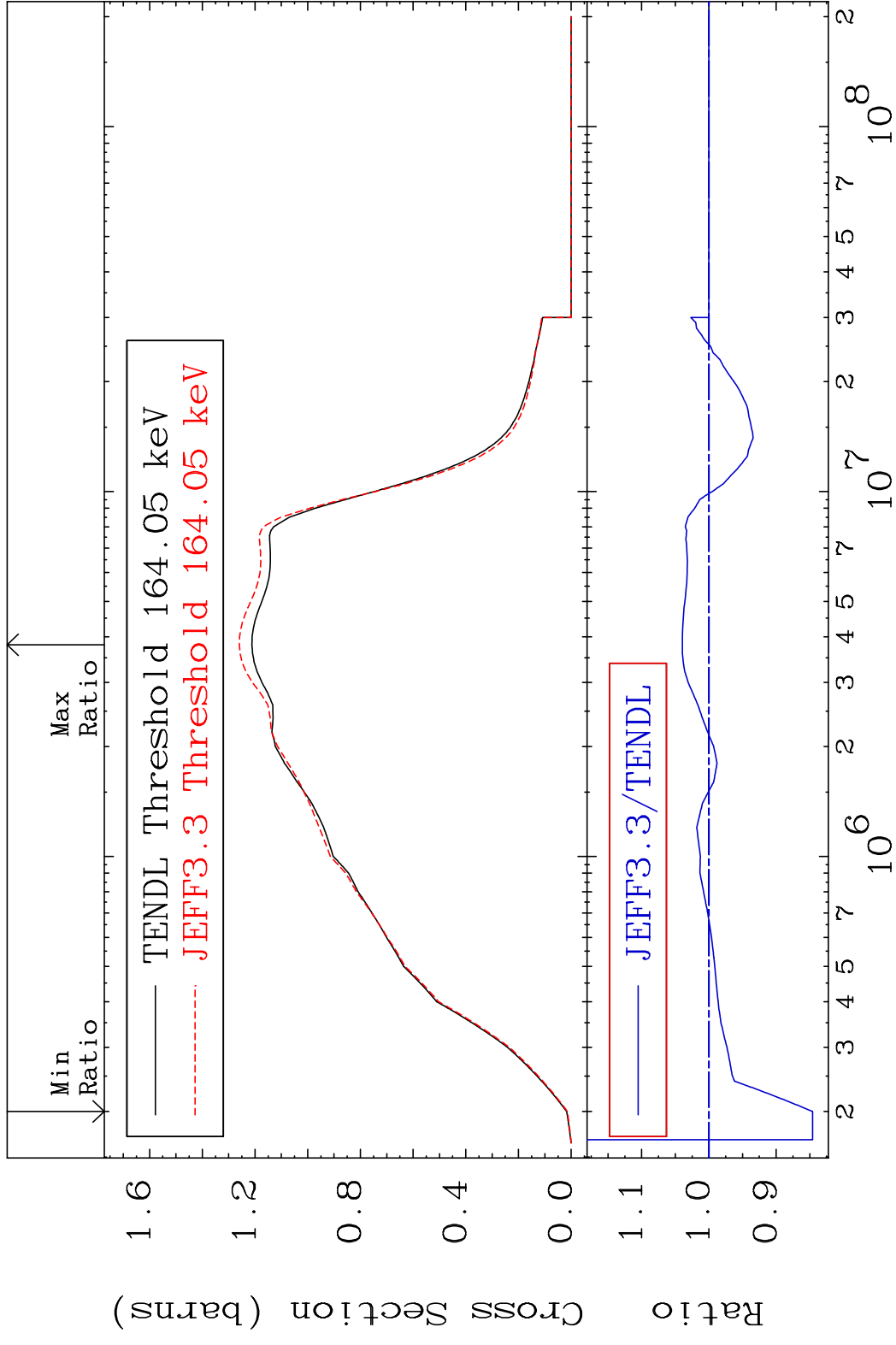


MAT 3434 Dpa disappearance (mt102 -120) 34-Se-77  
 Cross Section -99.98 To 9999. %

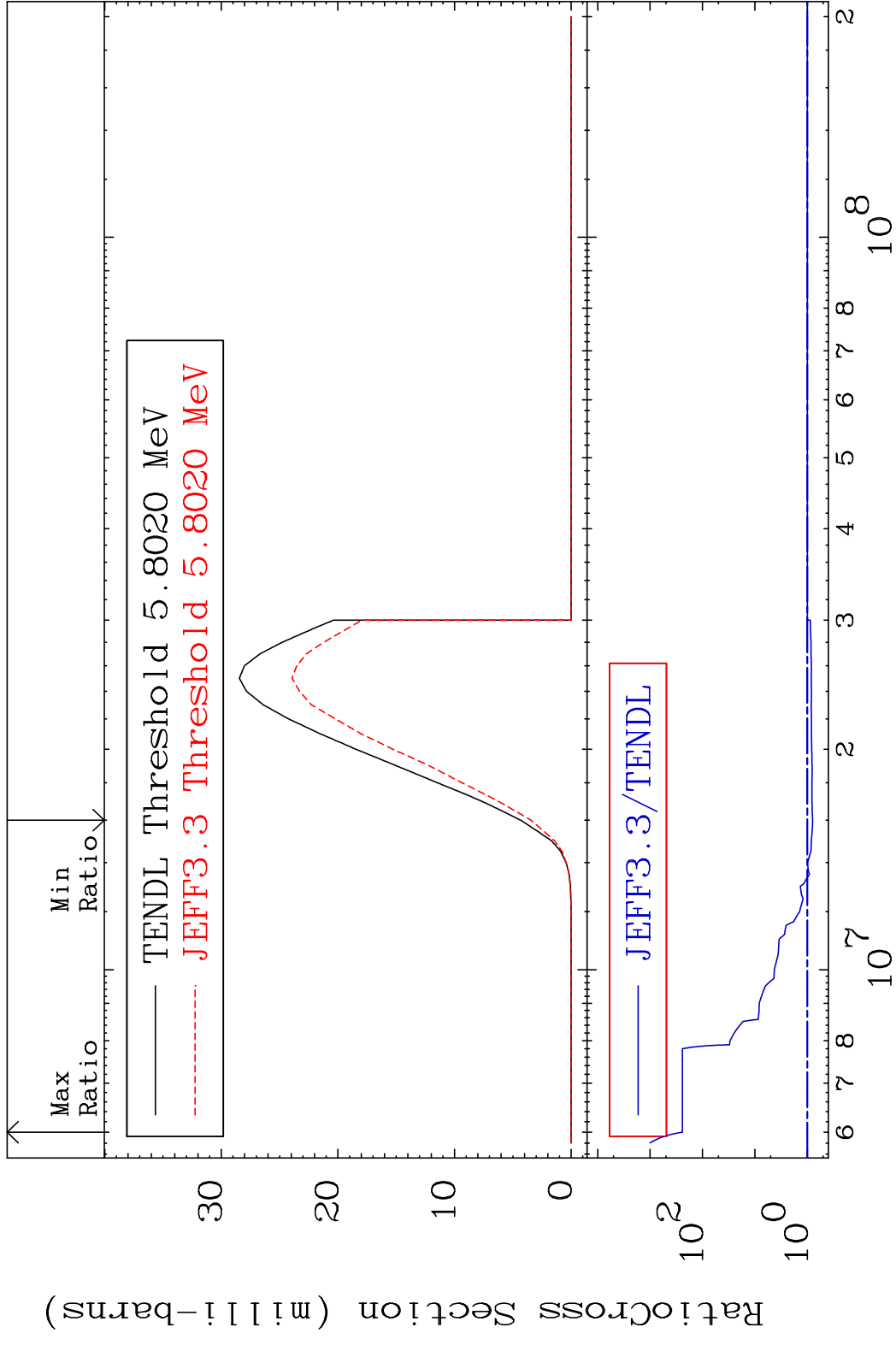




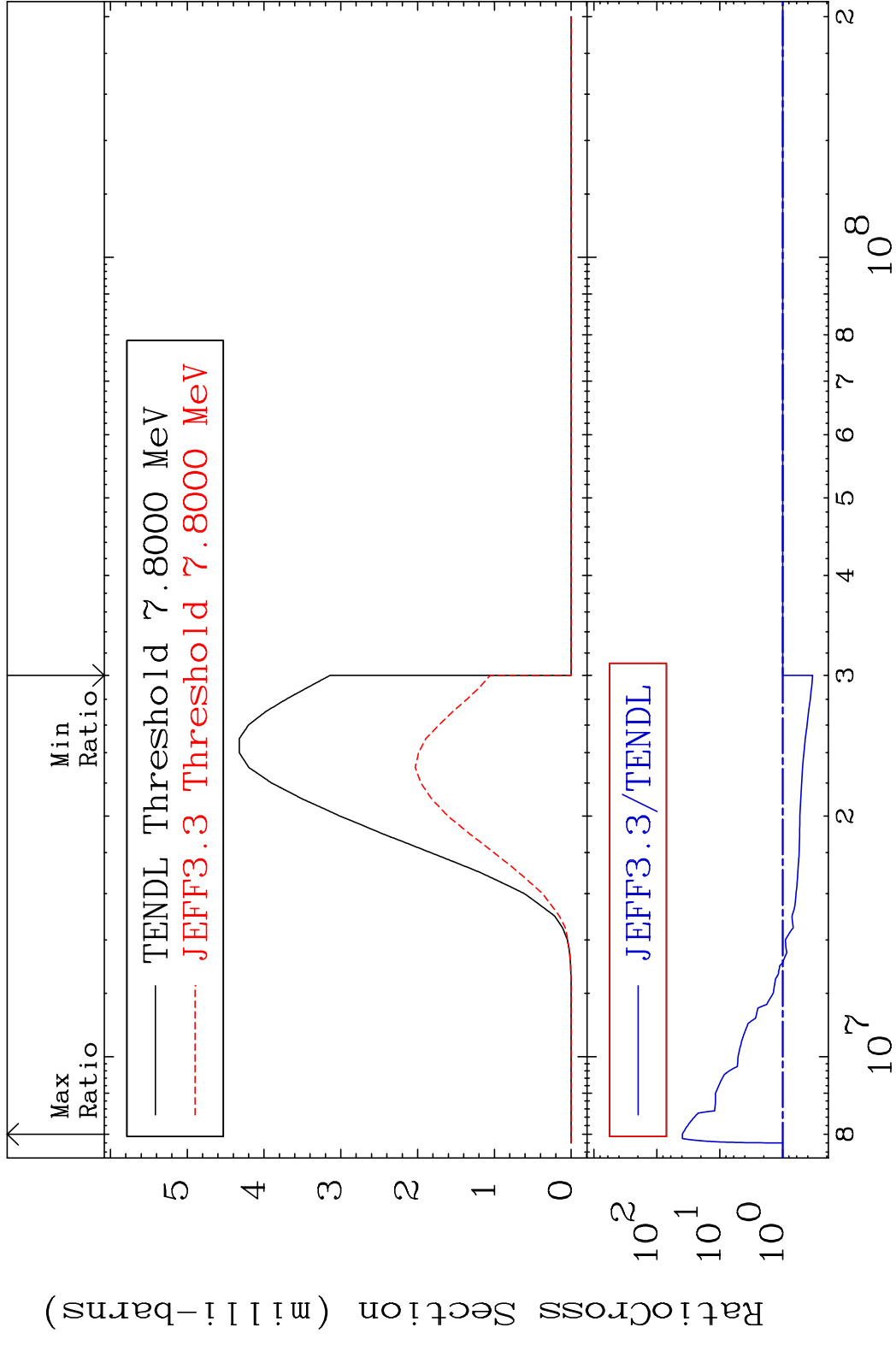


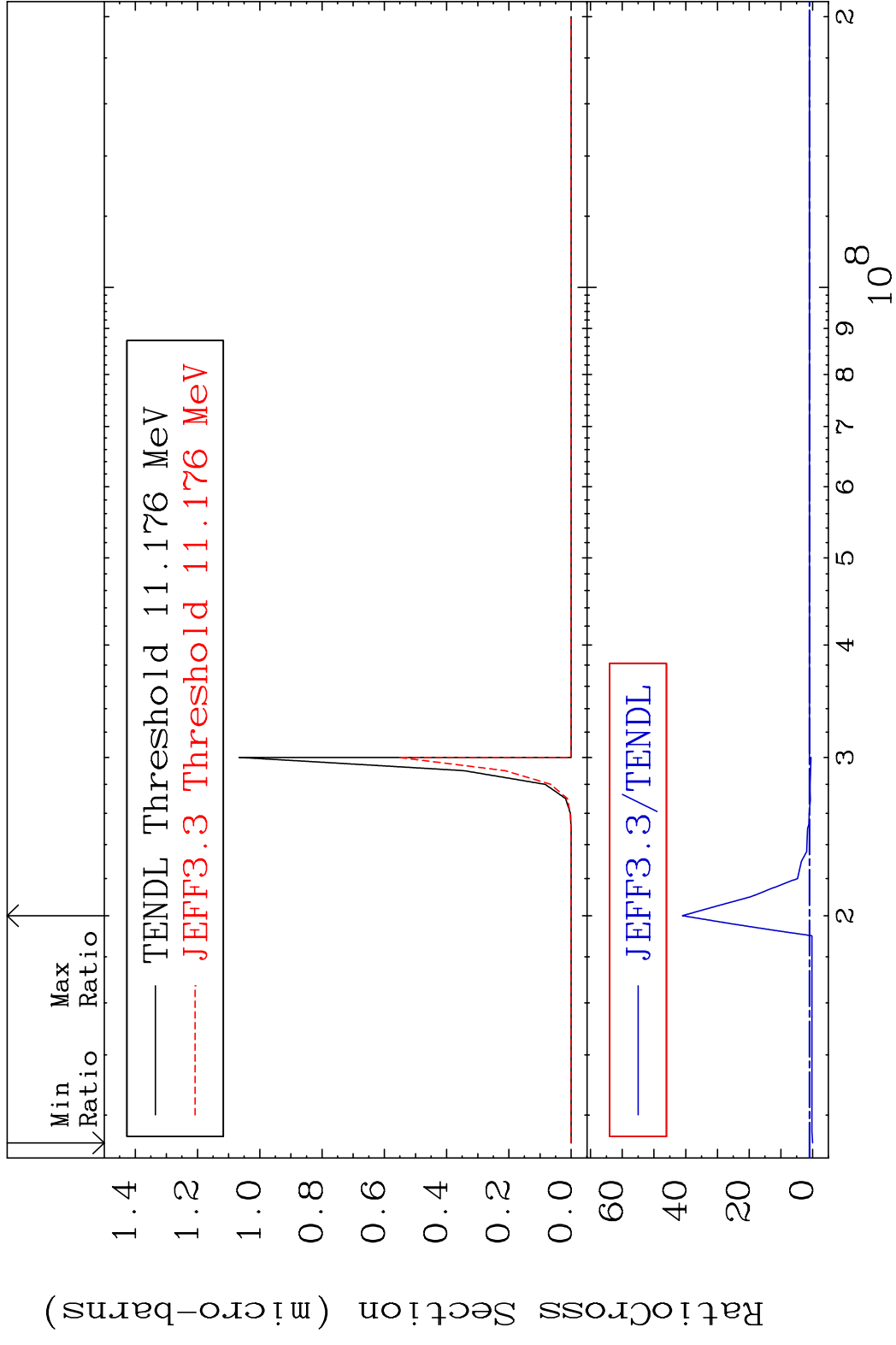


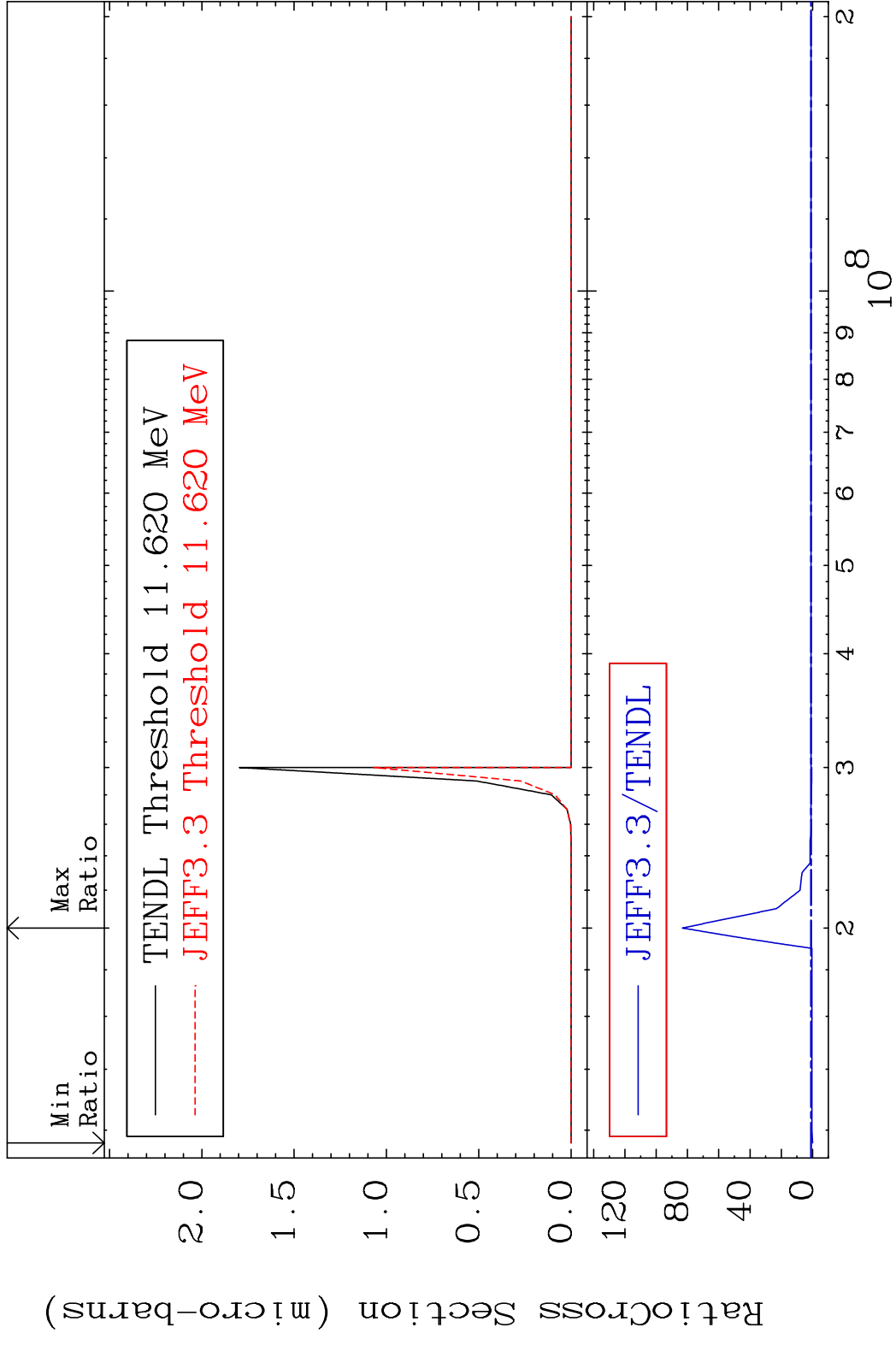
MAT 3434 (n, n')  $\alpha$ :32-Ge-73g 34-Se-77  
 Radionuclide Production Cross Section 9999. %



MAT 3434 (n, n')  $\alpha$ :32-Ge-73m2 34-Se-77  
 Radionuclide Production Cross Section 6864410 3832. %







MAT 3434 (n,2n) p:32-Ge-75g 34-Se-77  
 Radionuclide Production Cross Section 180c0i d10 2742. %

