

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

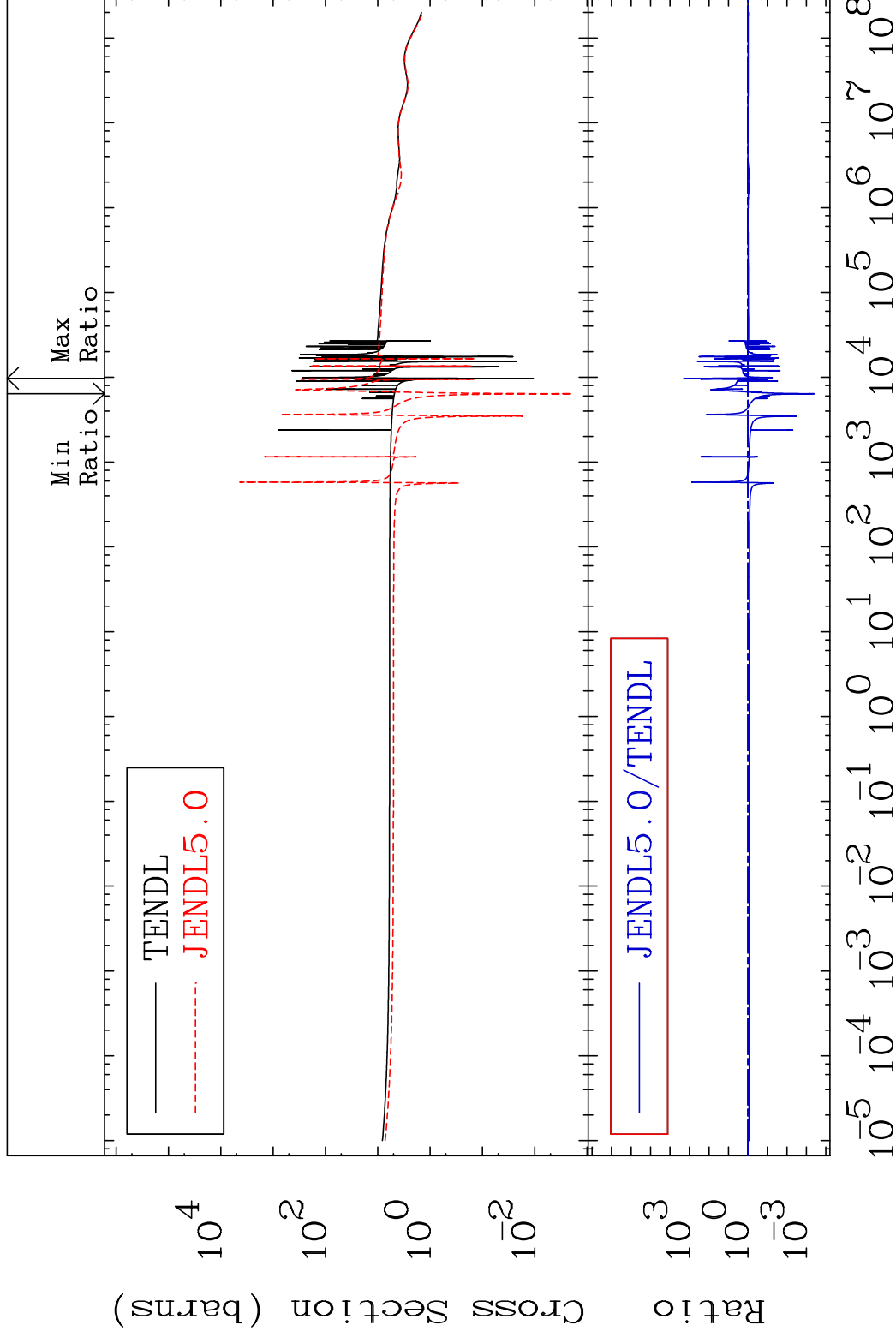
MAT 3449

Total

34-Se-82

Cross Section

-99.96 To 9999. %



1

Incident Energy (eV)

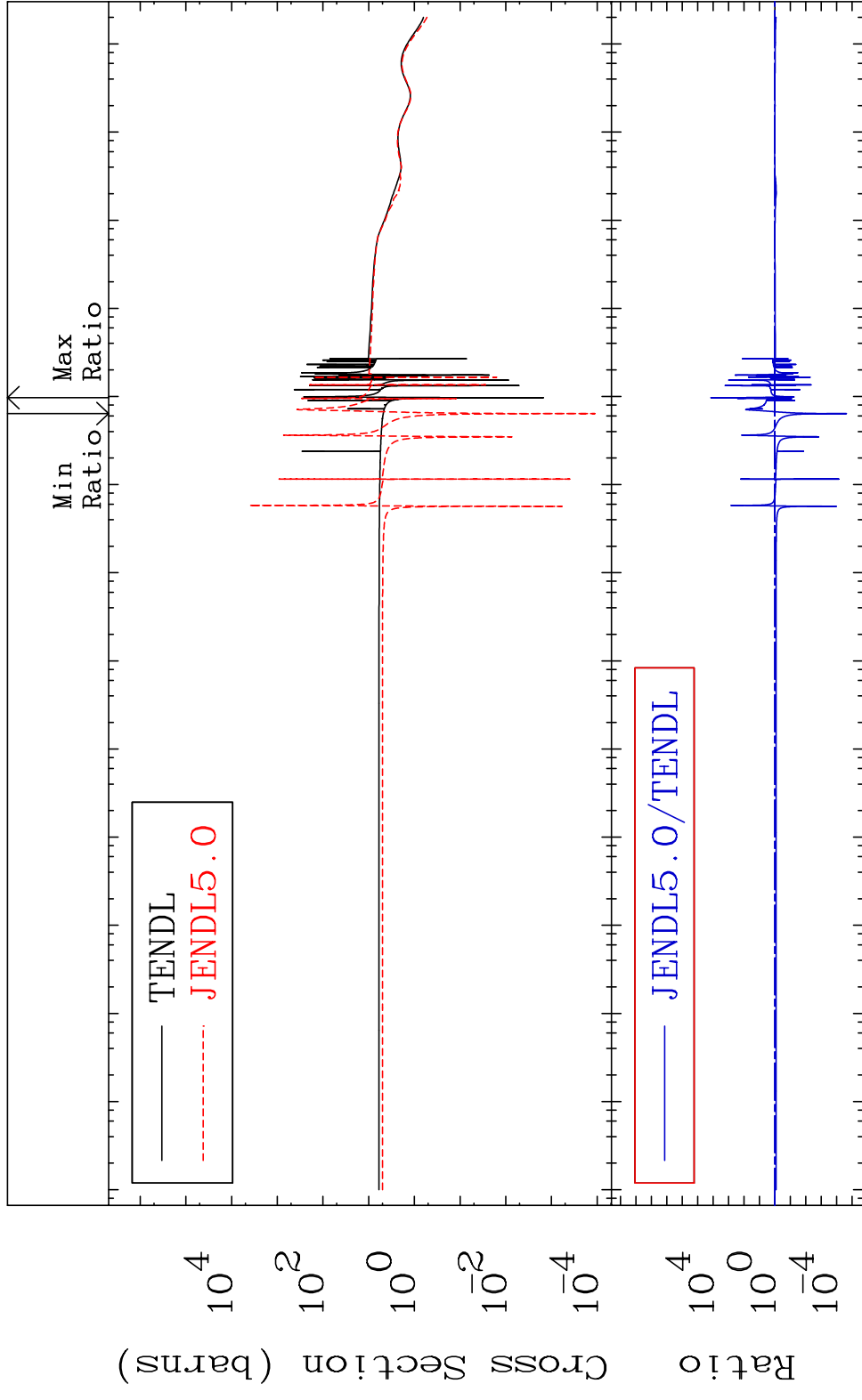
34-Se-82

MAT 3449

Elastic

34-Se-82

Cross Section -100.0 To 9999. %

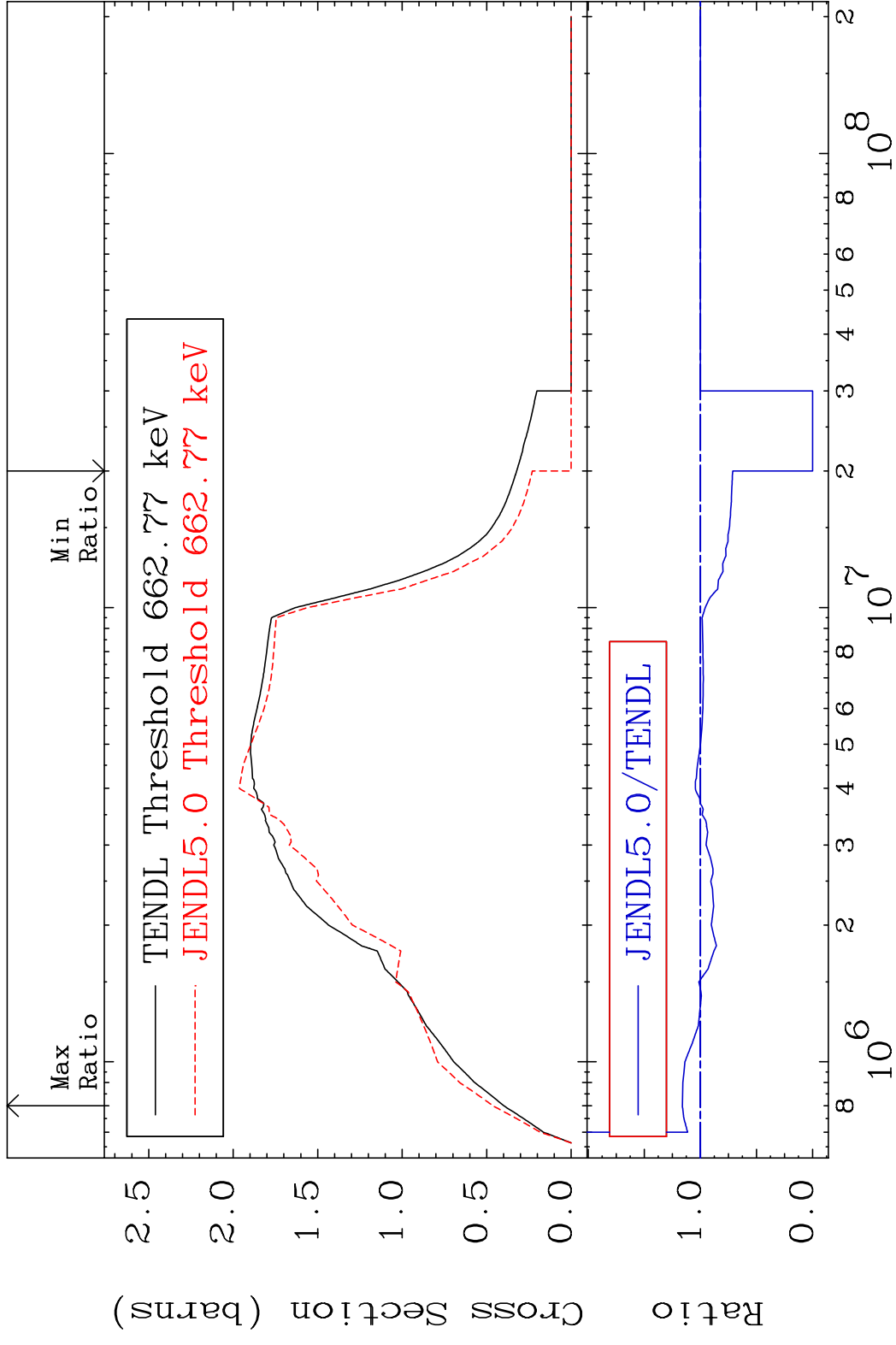


2

Incident Energy (eV)

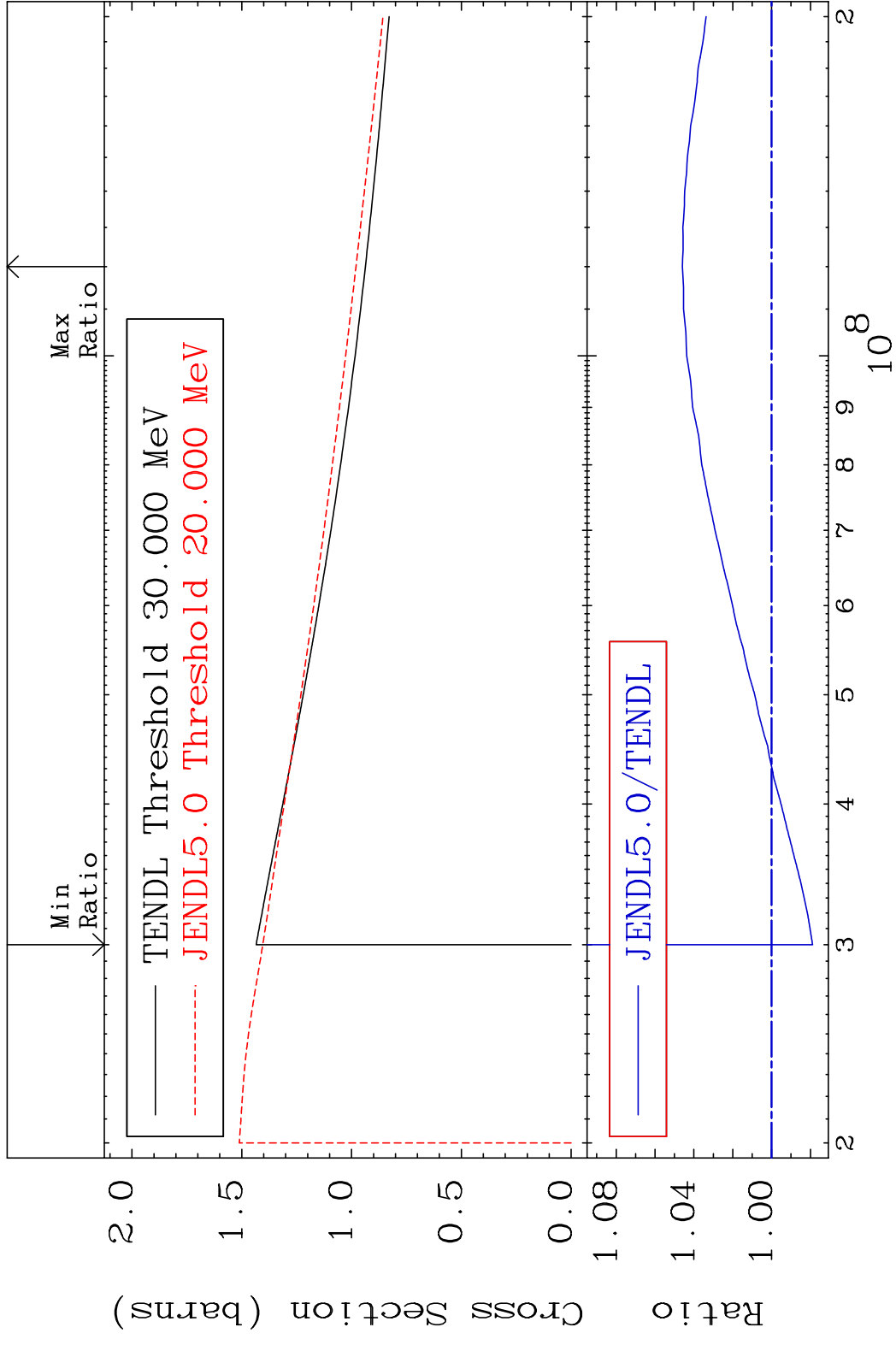
34-Se-82

MAT 3449 Inelastic Cross Section -100.0 To 16.02 % 34-Se-82



3 Incident Energy (eV) 34-Se-82

MAT 3449 (n, remainder) 34-Se-82  
 Cross Section -2.108 To 4.594 %

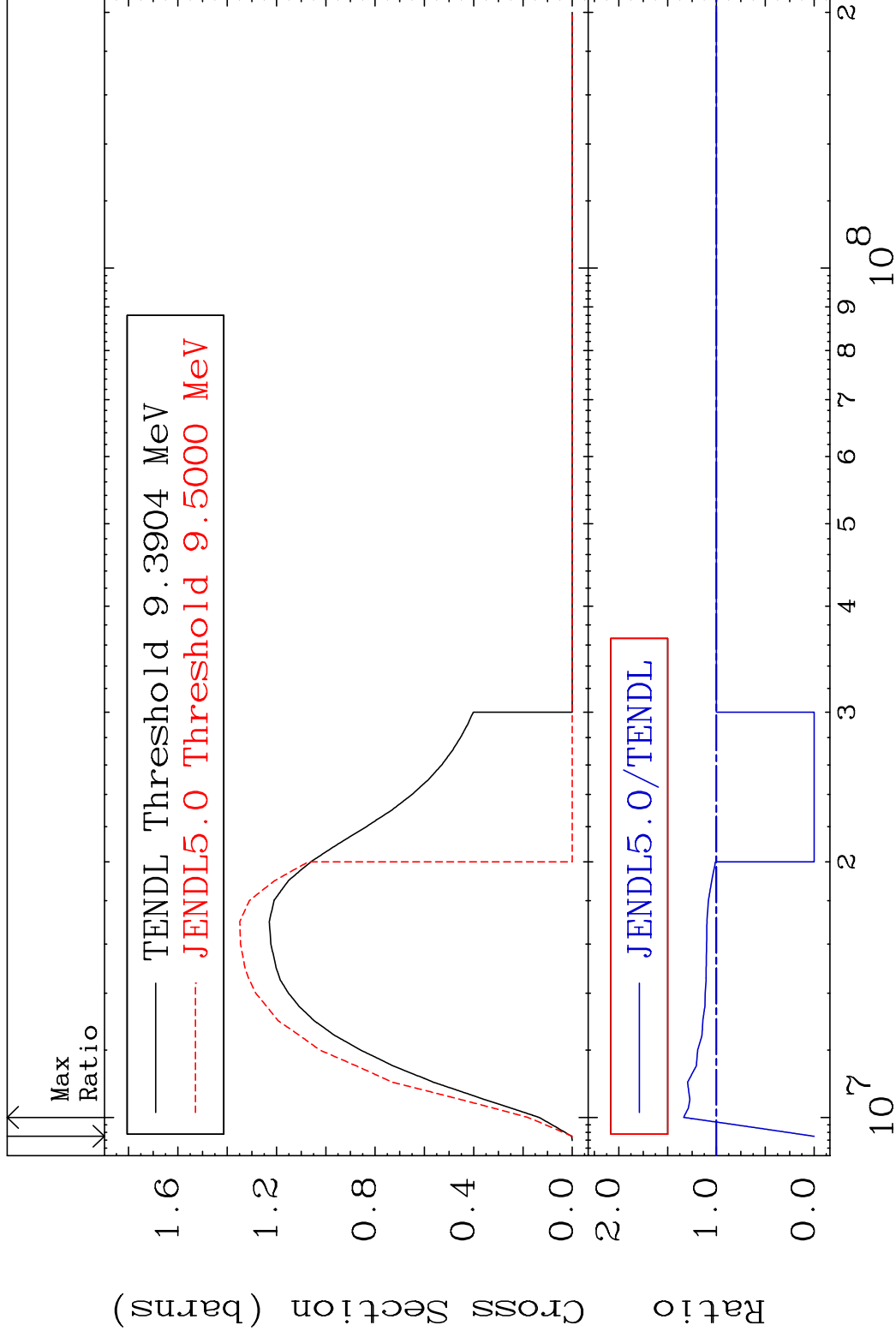


MAT 3449

(n,2n)

<sup>34</sup>Se-82

Cross Section -100.0 To 33.59 %

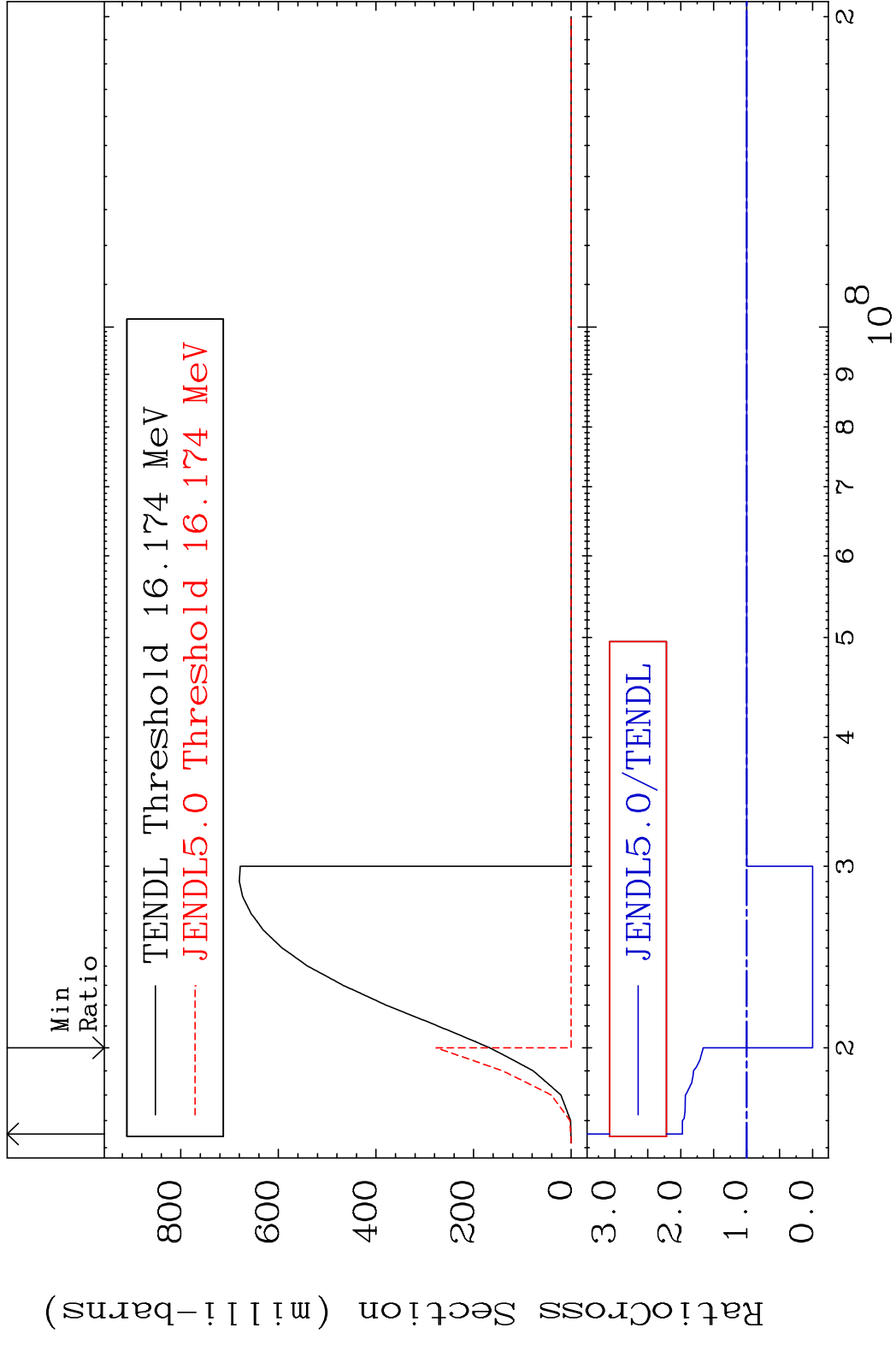


5

Incident Energy (eV)

<sup>34</sup>Se-82

MAT 3449 (n,3n) 34-Se-82  
 Cross Section -100.0 To 97.60 %

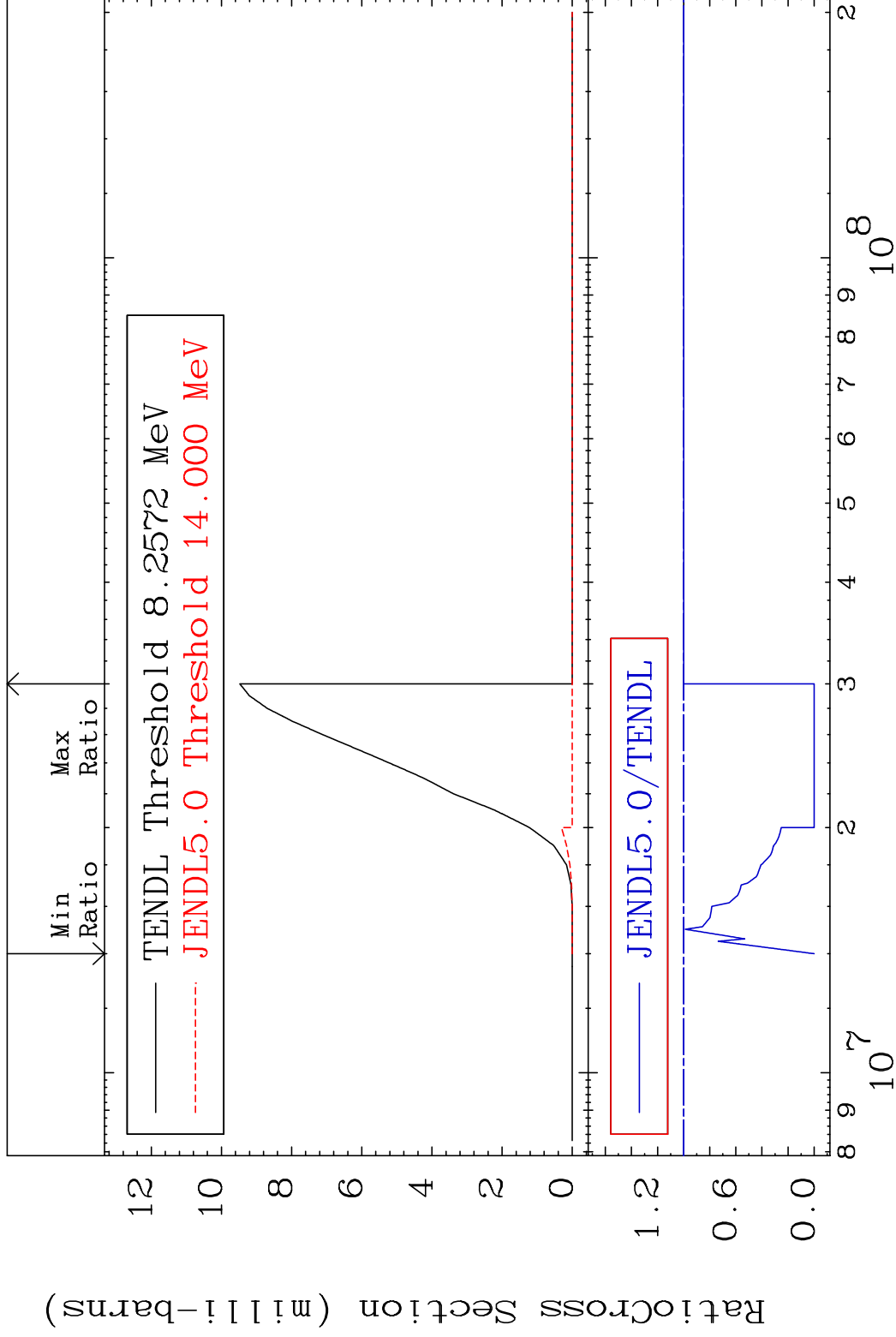


MAT 3449

(n, n')  $\alpha$

34-Se-82

Cross Section -100.0 To 0.000 %



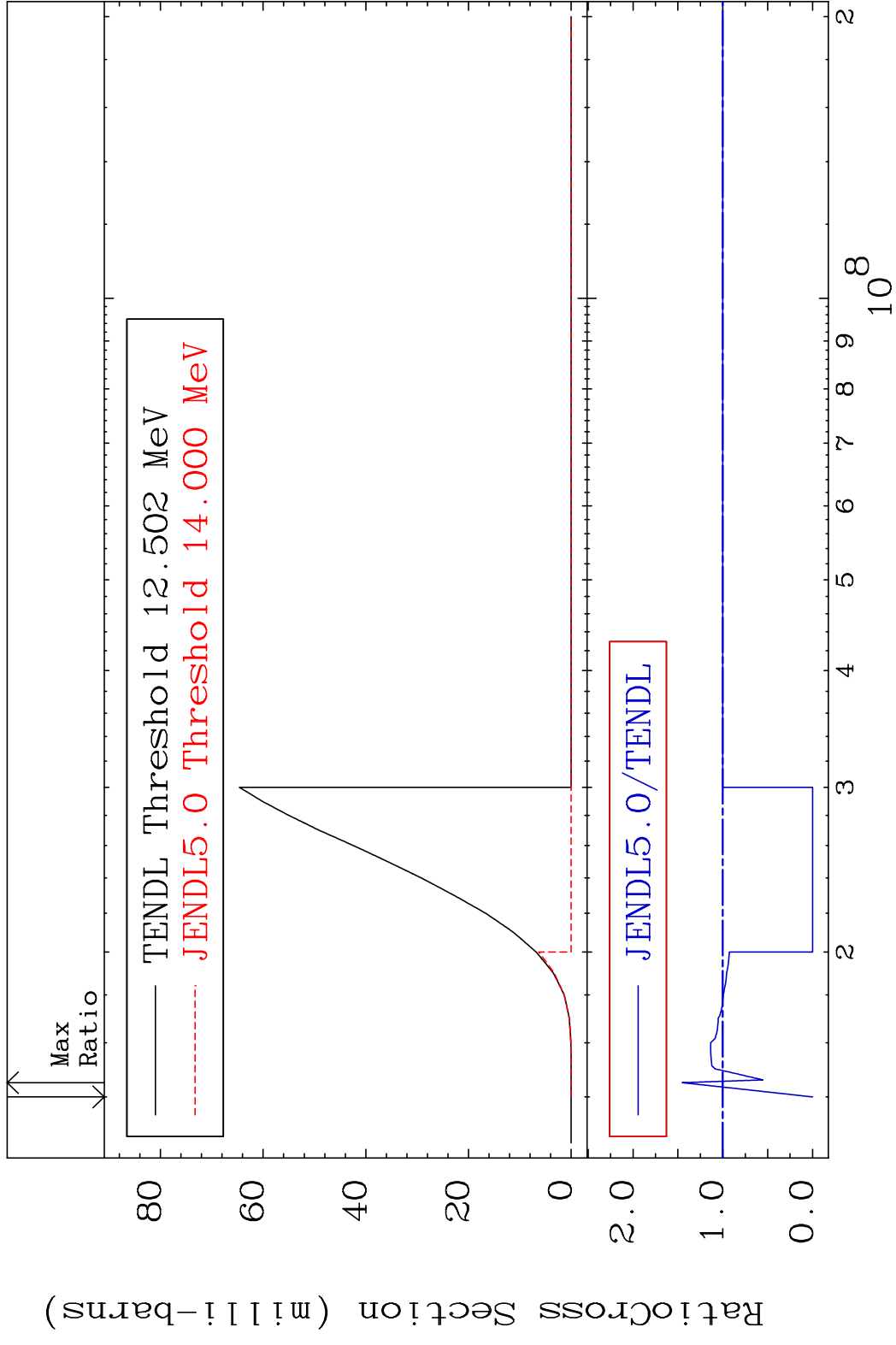
7

Incident Energy (eV)

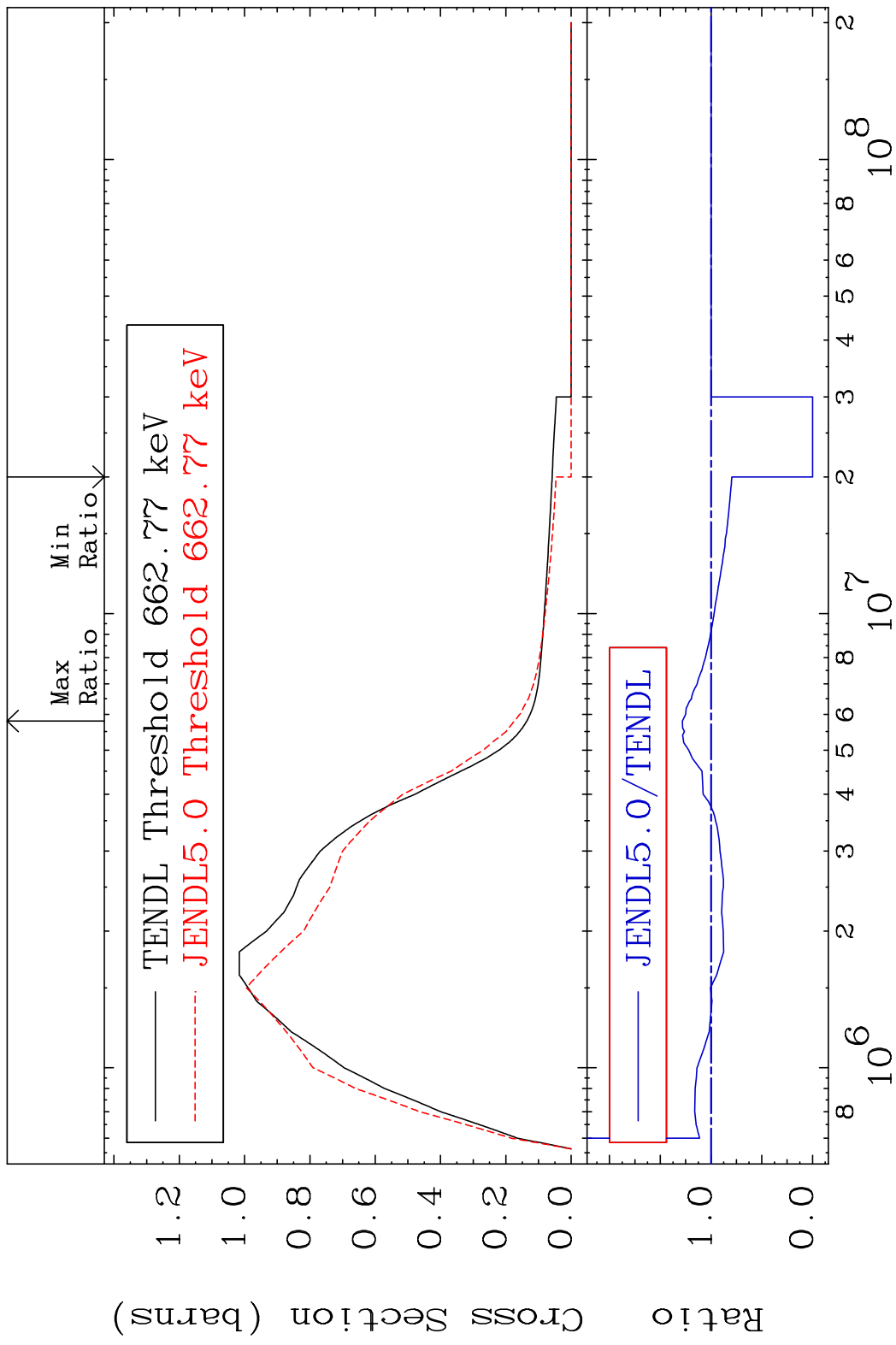
34-Se-82



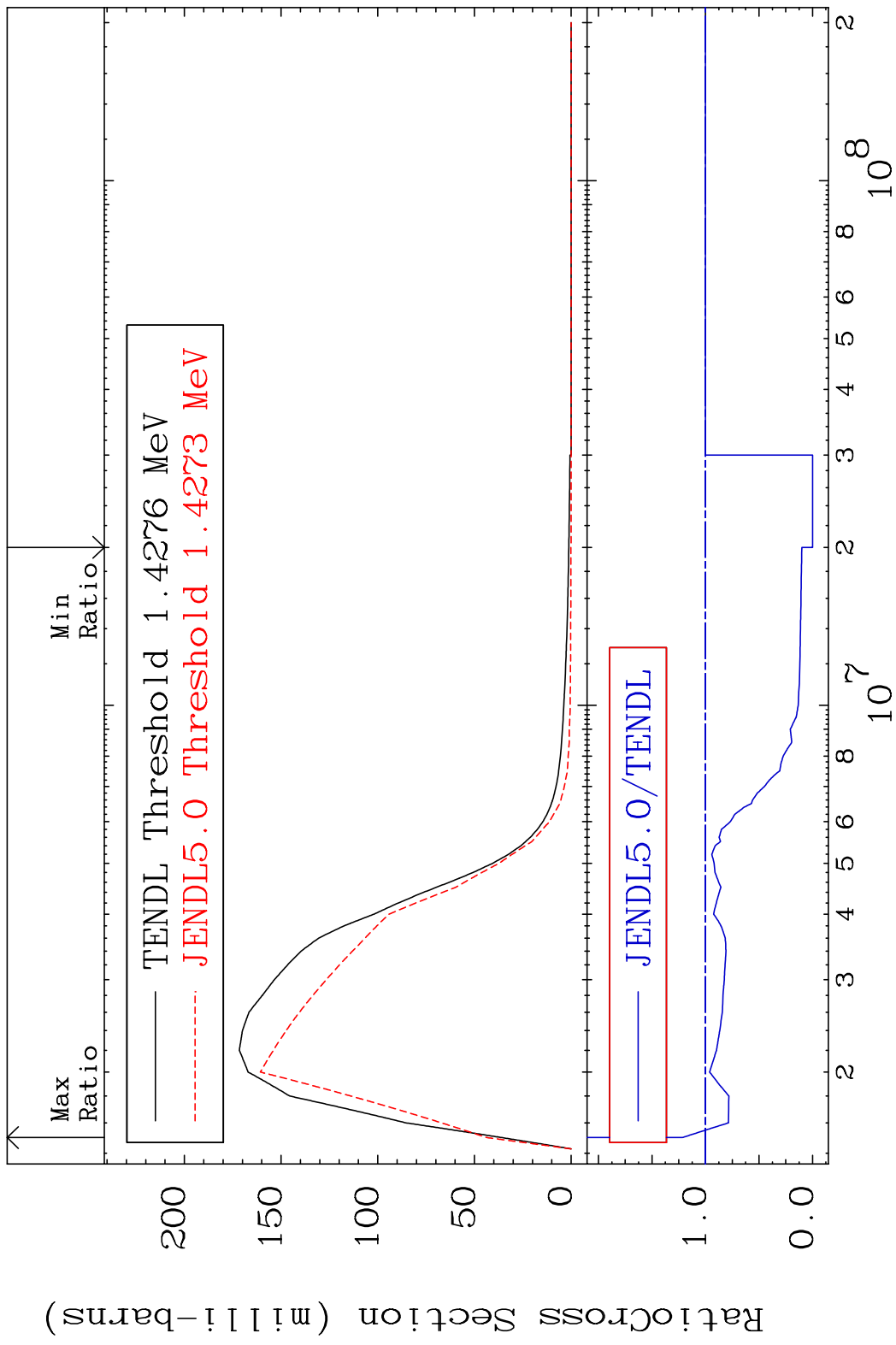
MAT 3449 (n, n') p 34-Se-82  
 Cross Section -100.0 To 45.05 %



MAT 3449 MT= 51 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 28.22 %

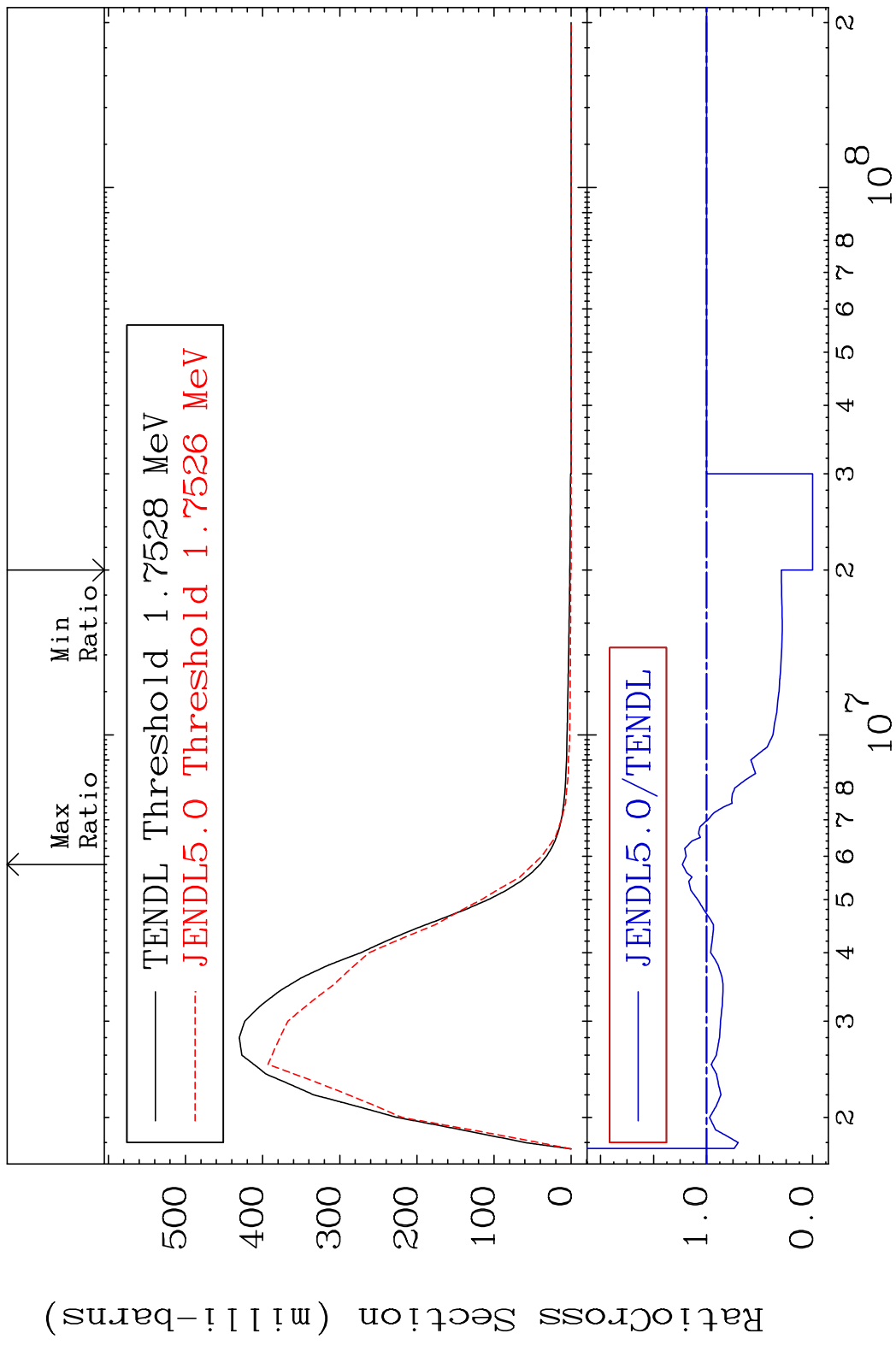


MAT 3449 MT= 52 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 21.64 %

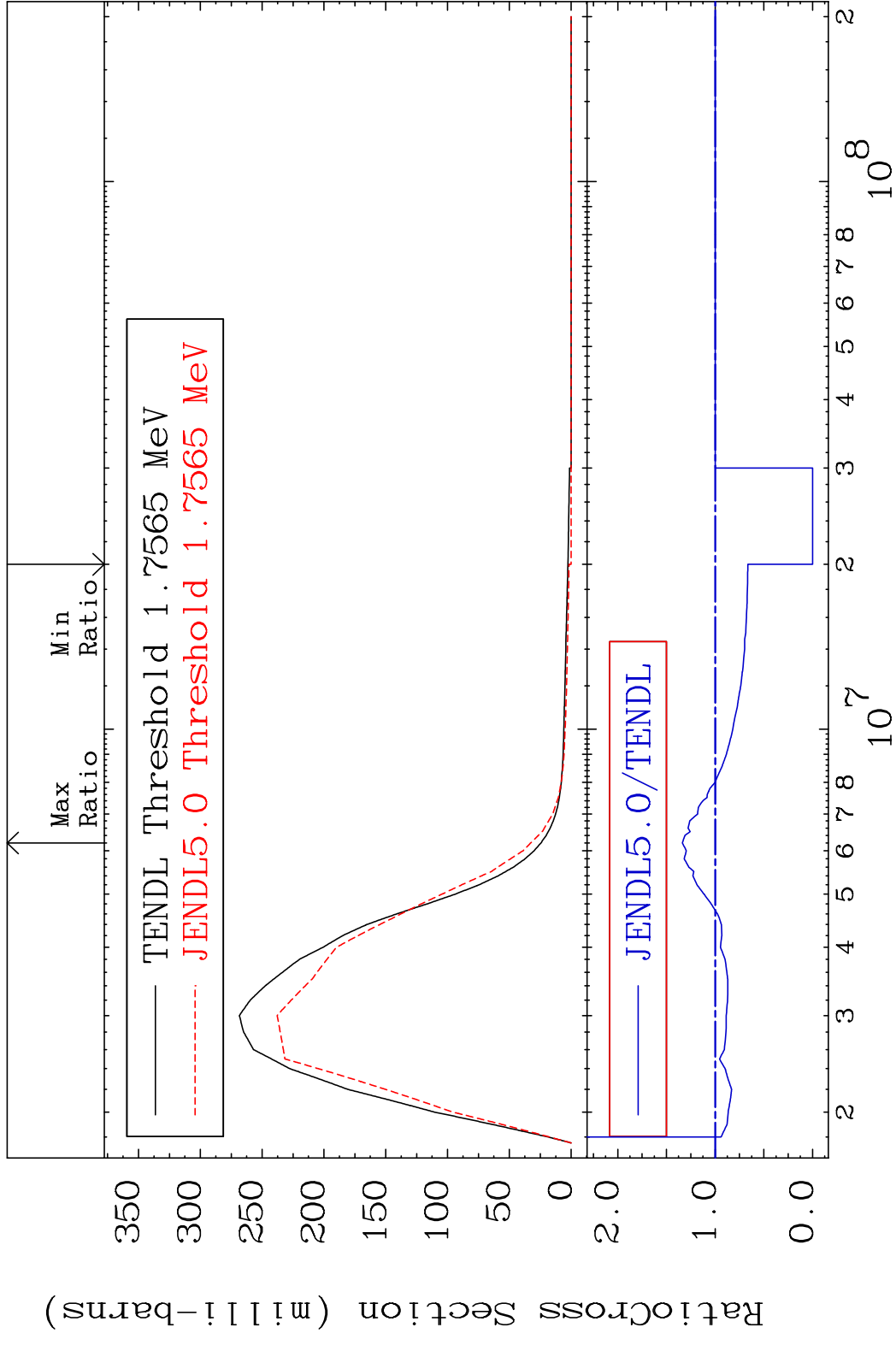


10 10 3 4 5 6 8 2 34-Se-82

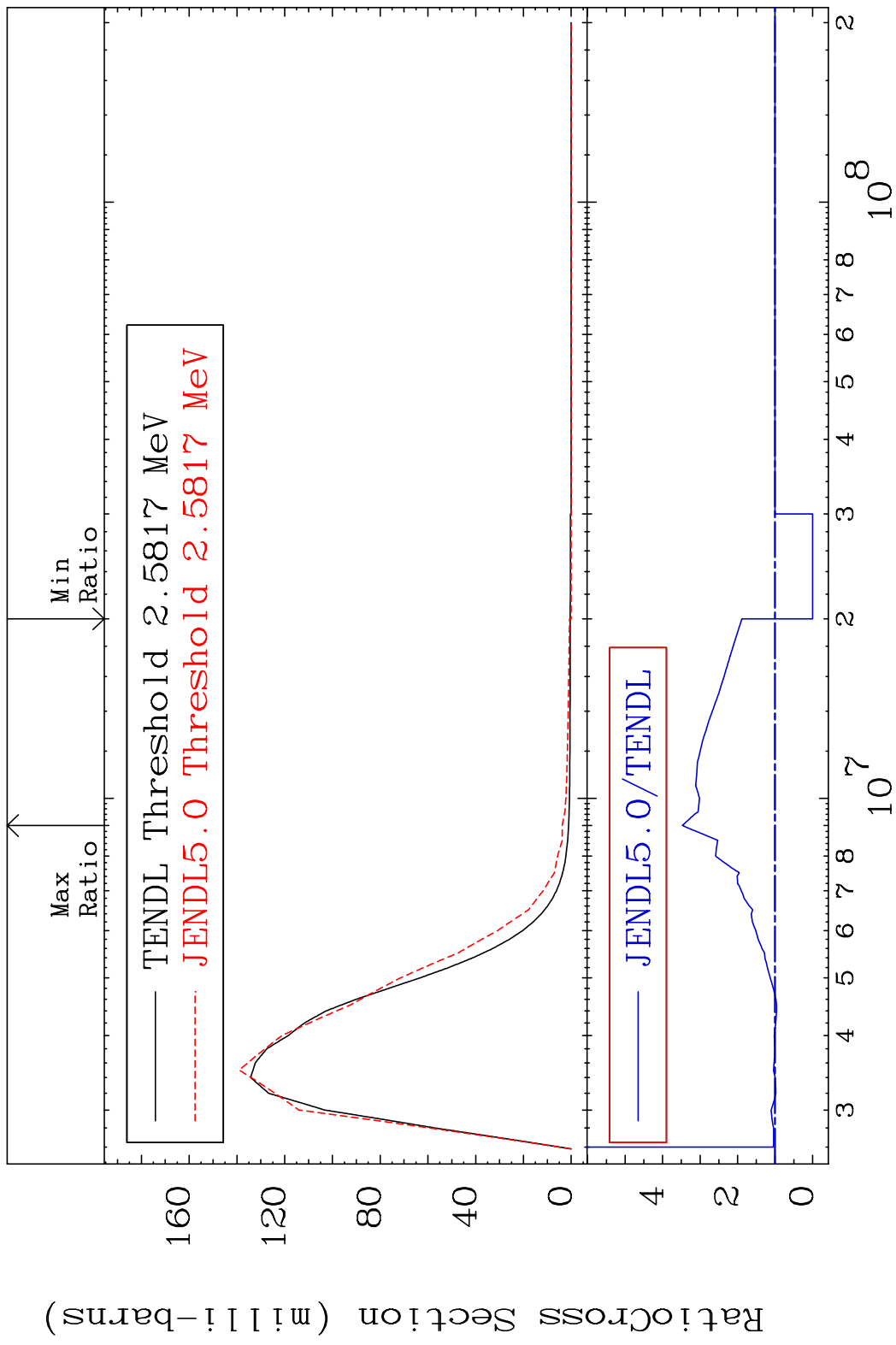
MAT 3449 MT= 53 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 22.82 %



MAT 3449 MT= 54 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 33.66 %

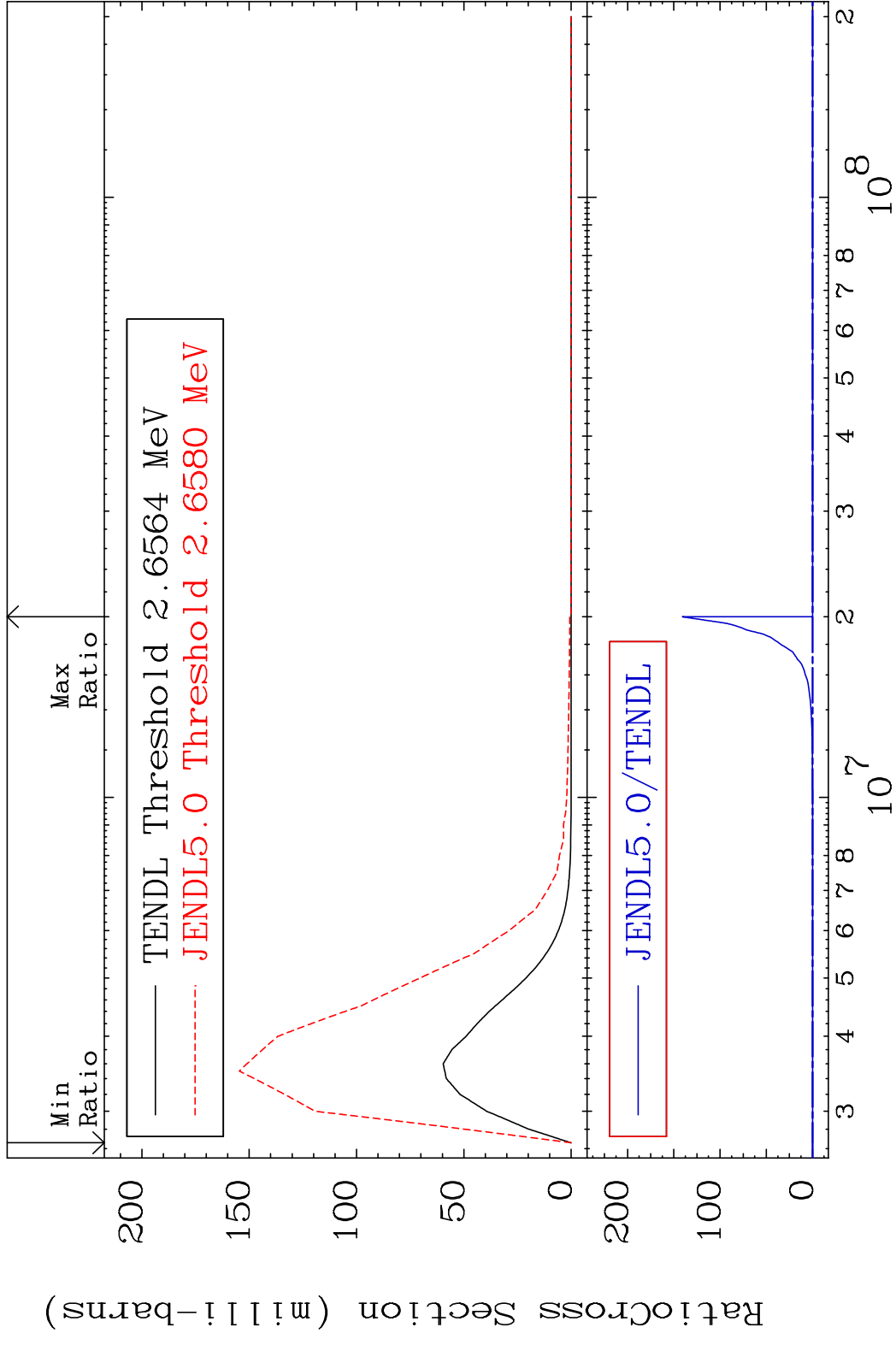


MAT 3449 MT= 55 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 247.3 %

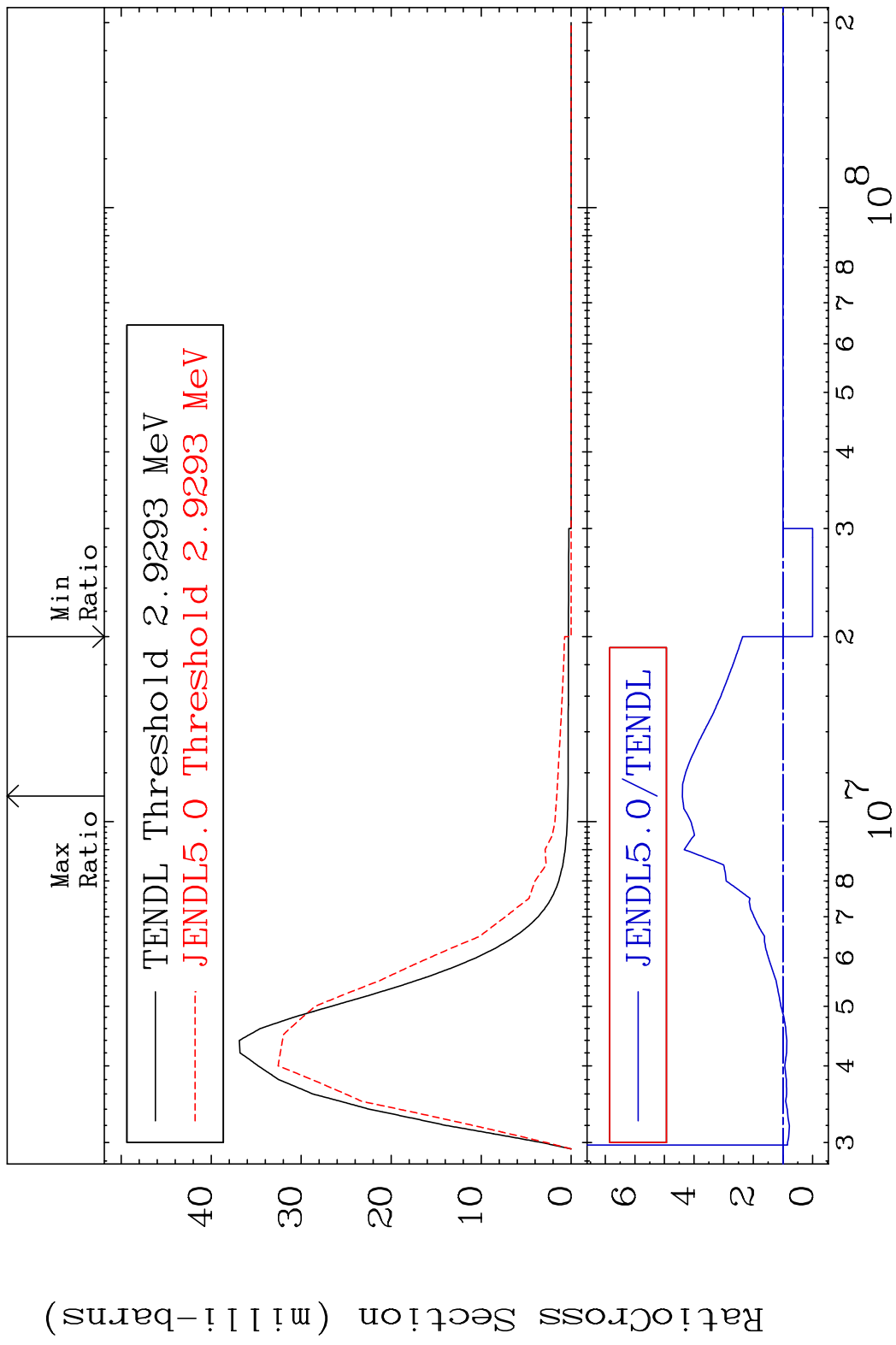


13 34-Se-82

MAT 3449 MT= 56 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 9999. %

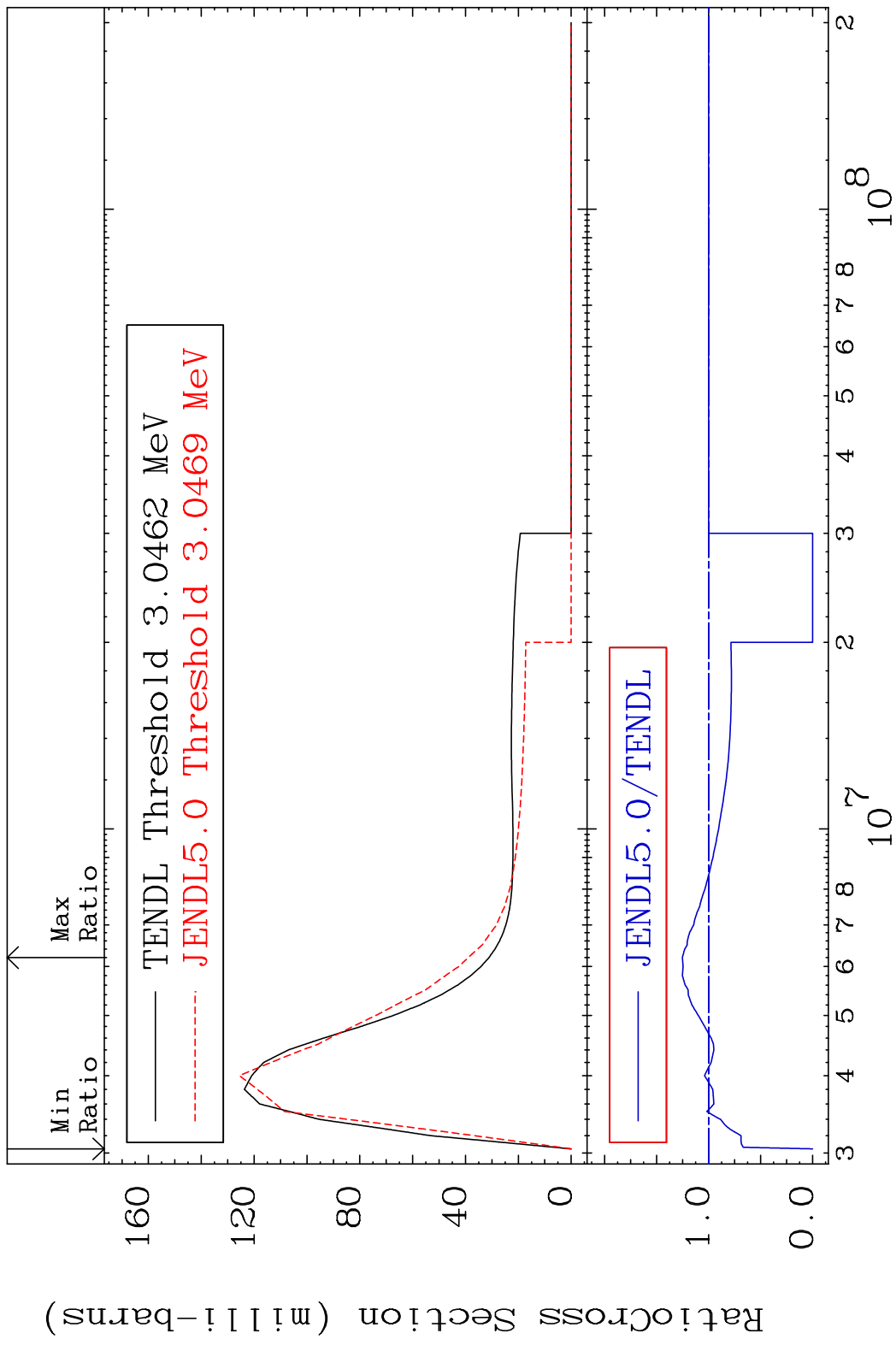


MAT 3449 MT= 57 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 339.7 %

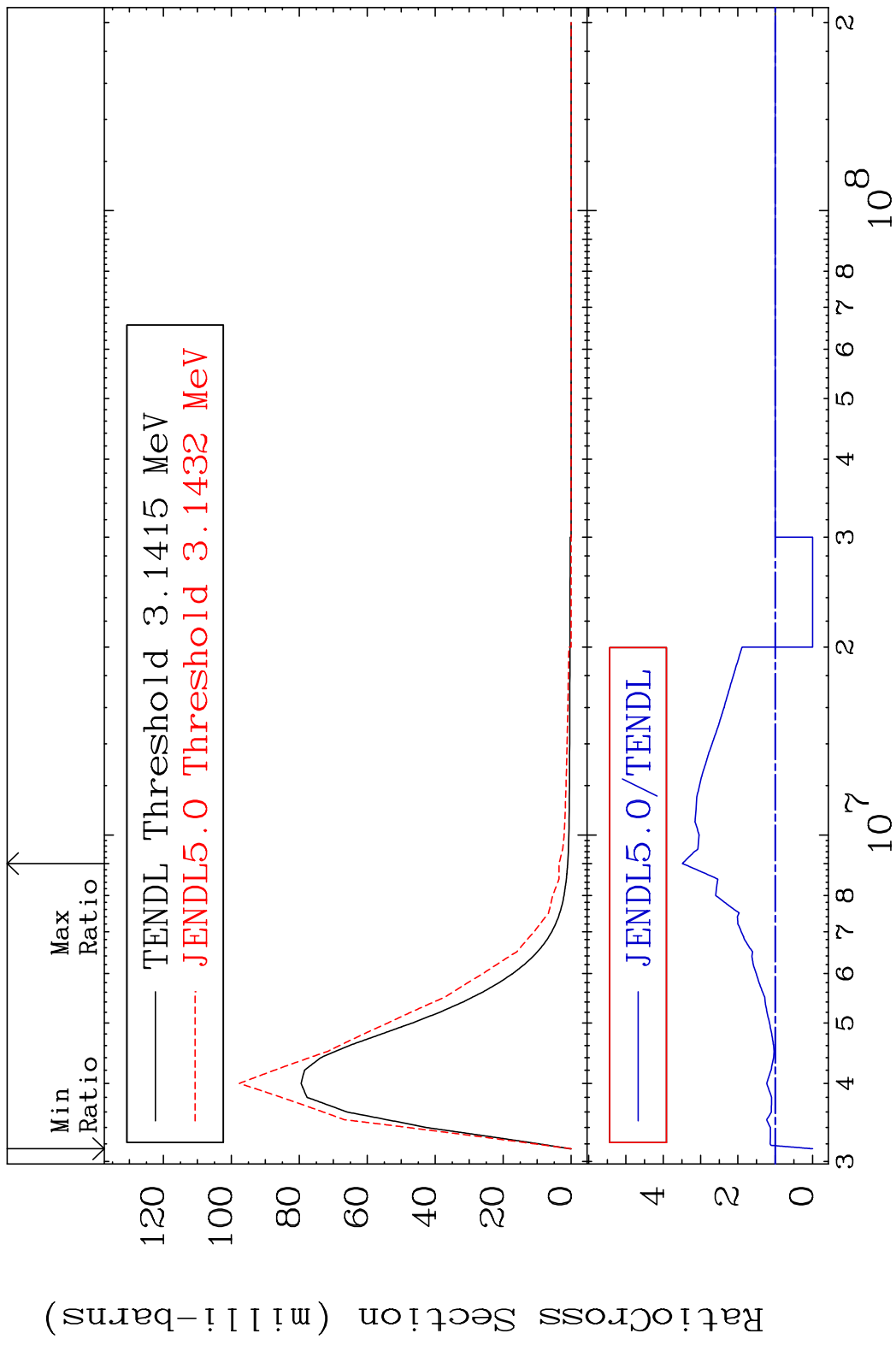




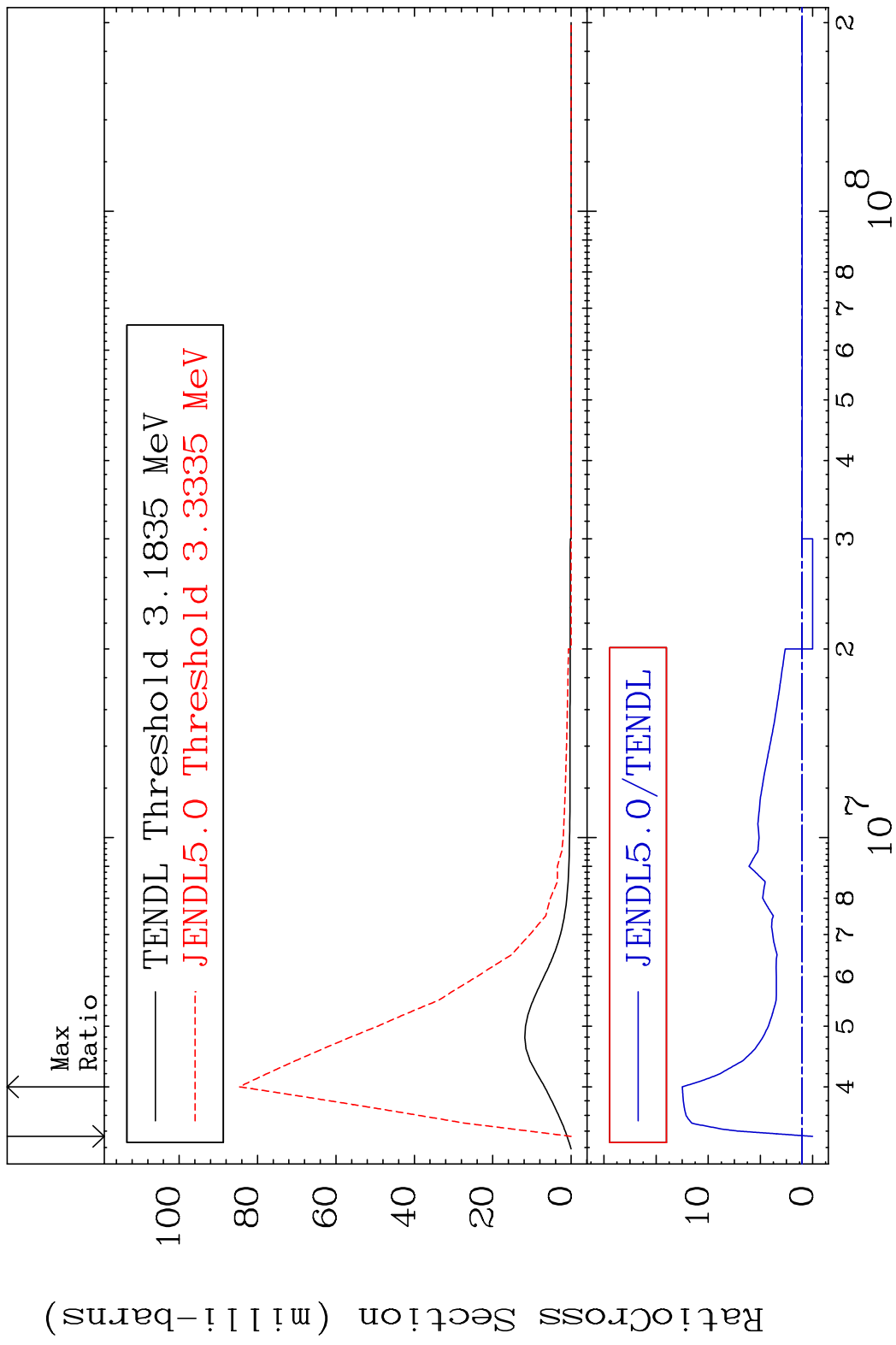
MAT 3449 MT= 58 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 25.25 %



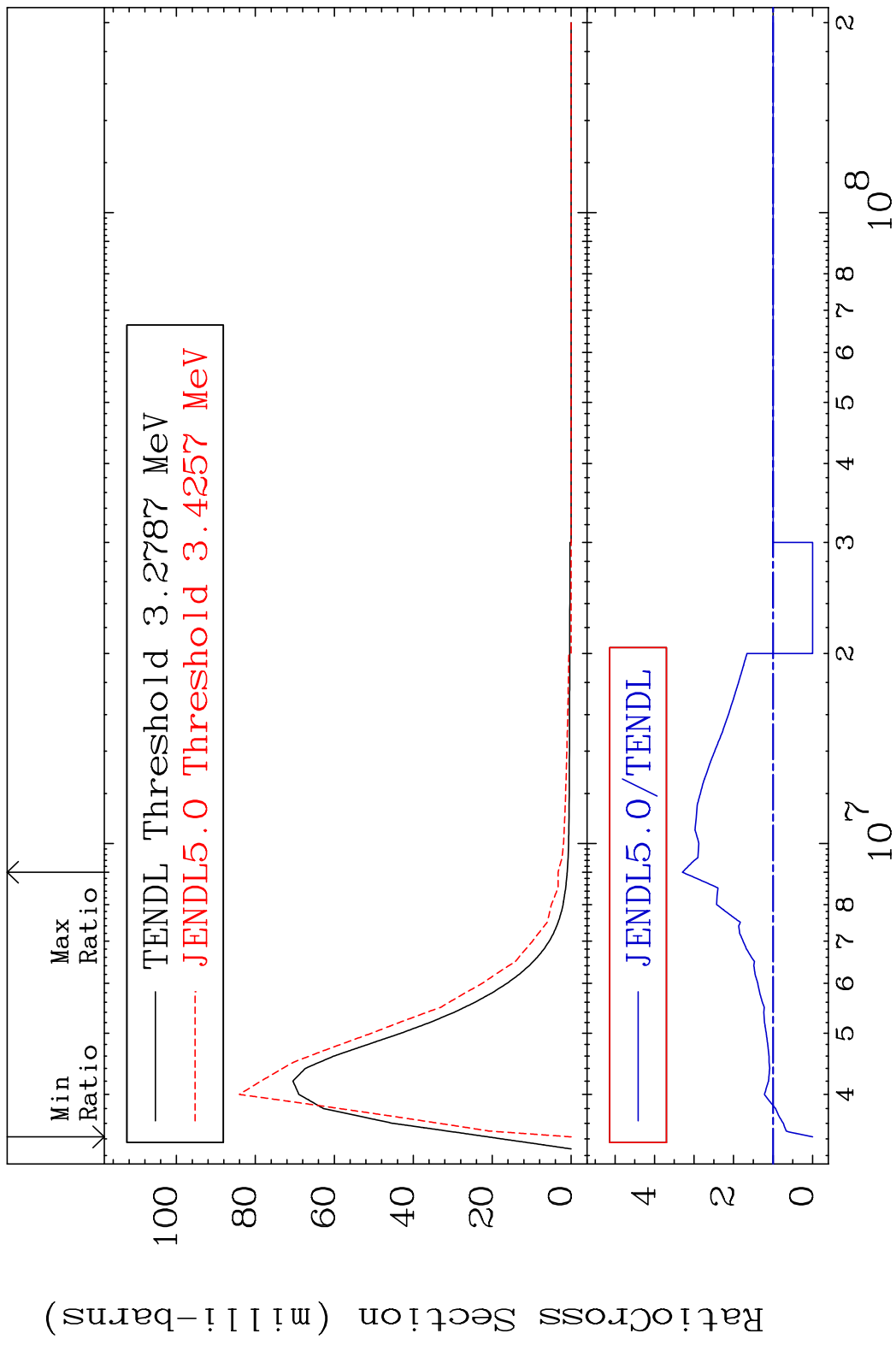
MAT 3449 MT= 59 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 248.8 %



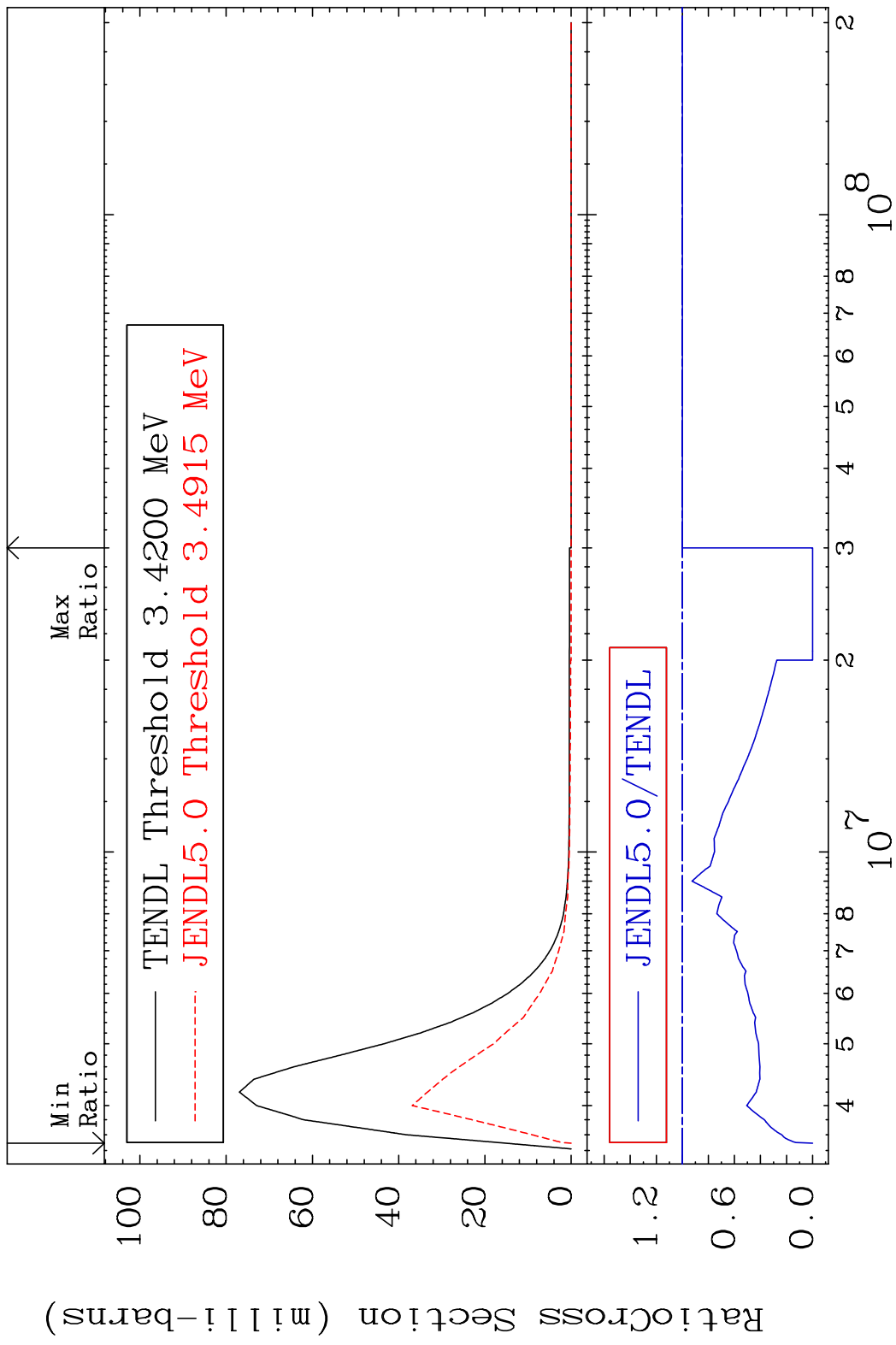
MAT 3449 MT= 60 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 1148. %



MAT 3449 MT= 61 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 229.6 %

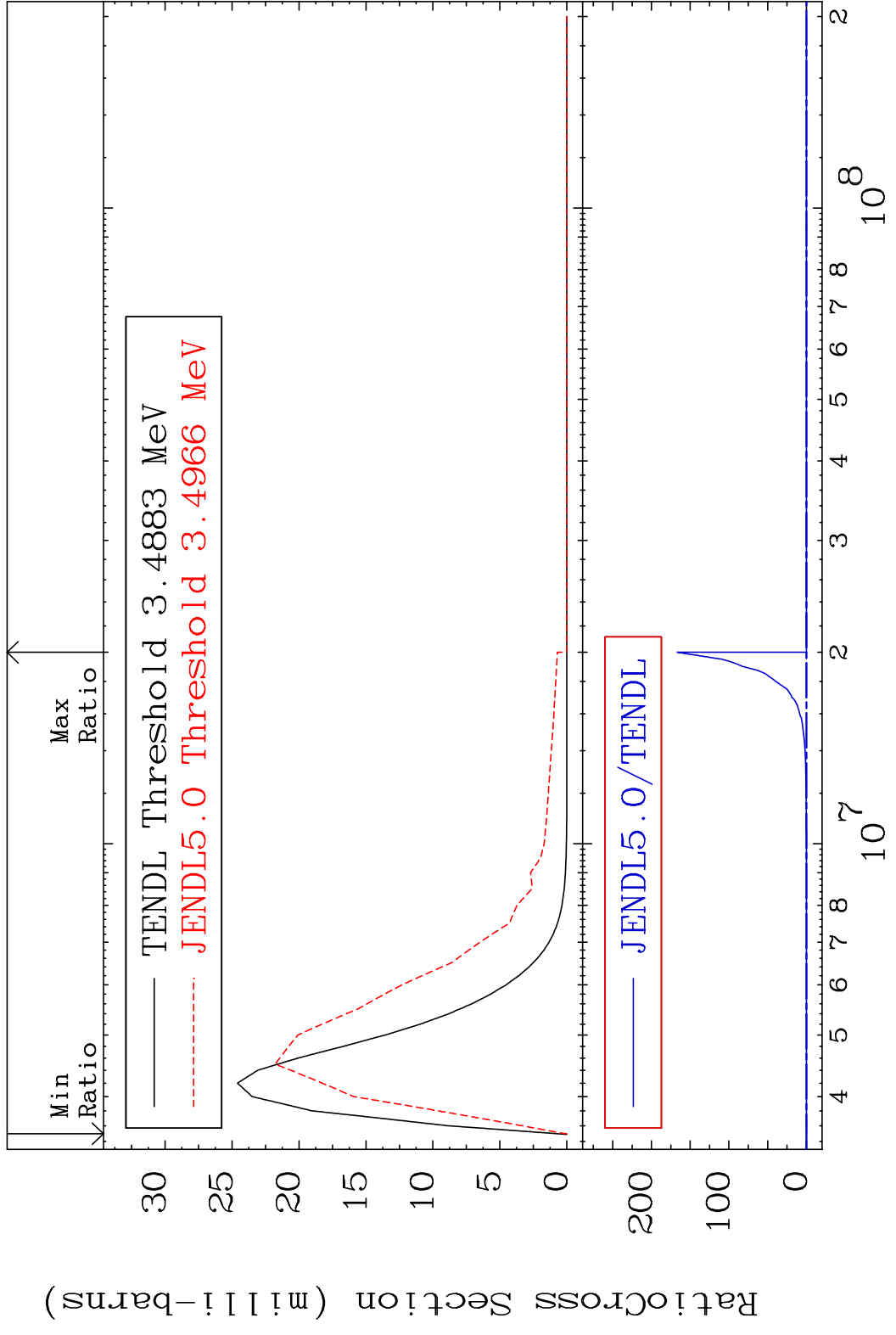


MAT 3449 MT= 62 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 0.000 %

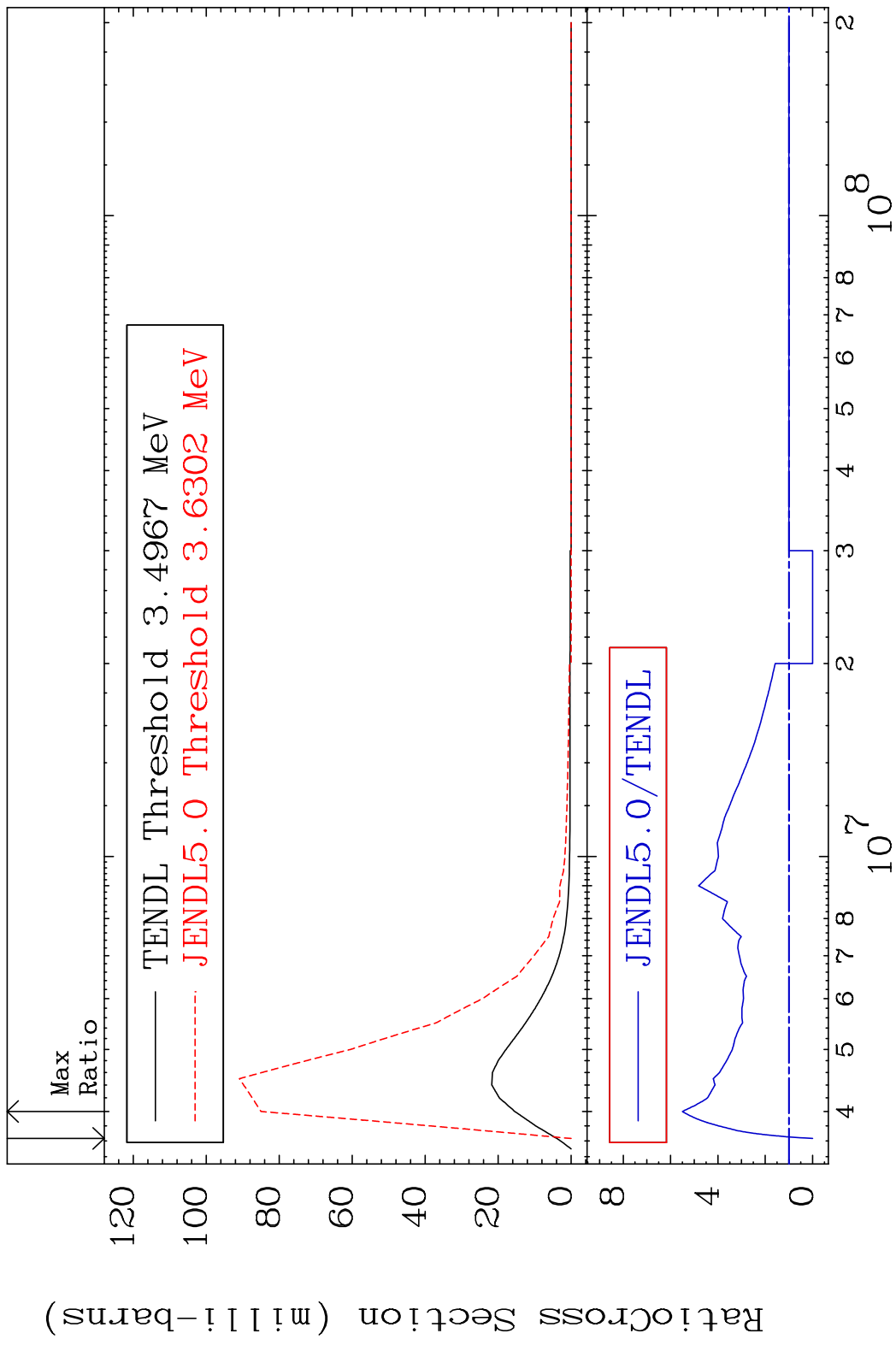


20 Incident Energy (eV) 34-Se-82

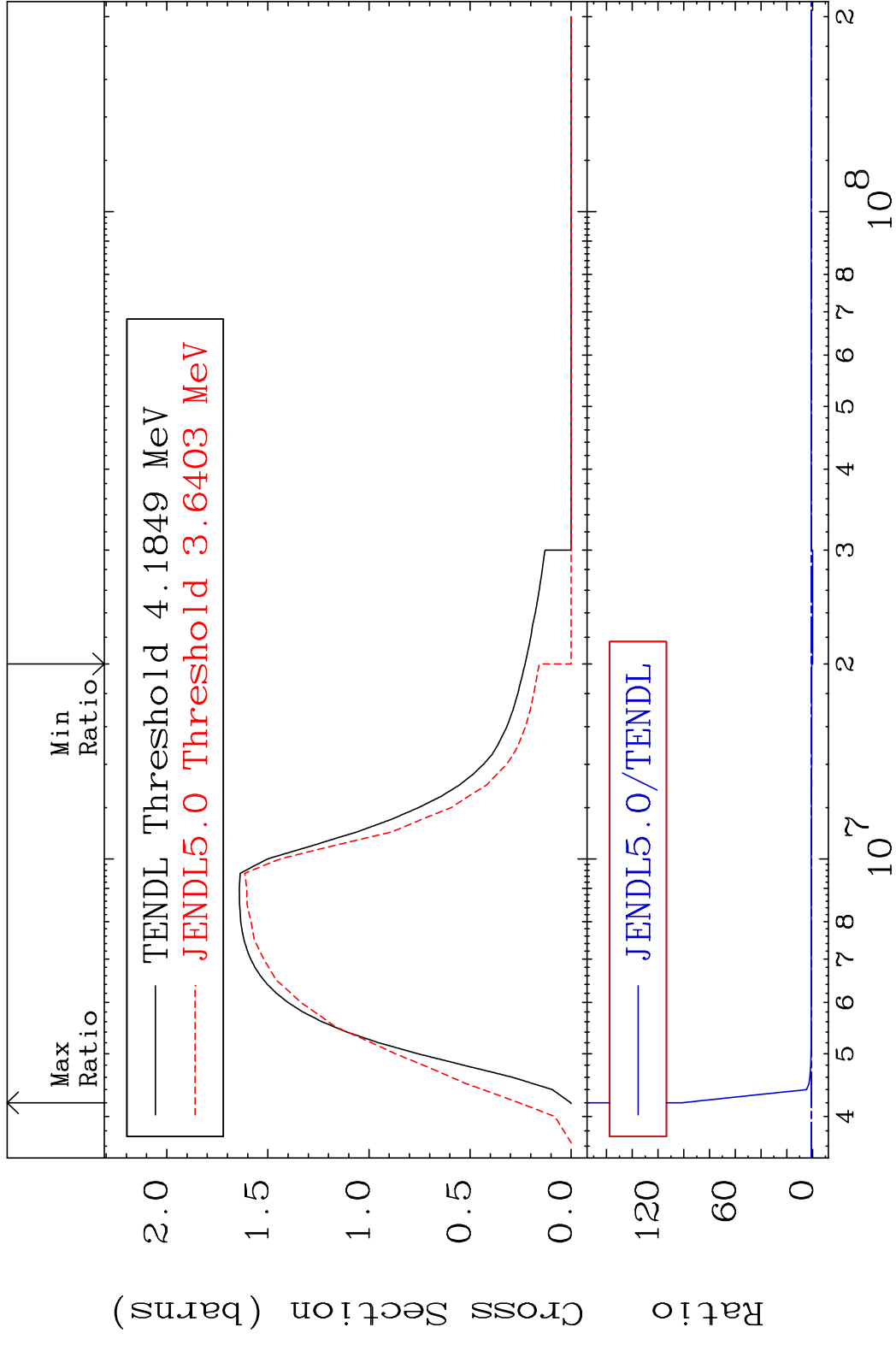
MAT 3449 MT= 63 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 9999. %



MAT 3449 MT= 64 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 450.2 %



MAT 3449 (n,n') Continuum 34-Se-82  
 Cross Section -100.0 To 9999. %



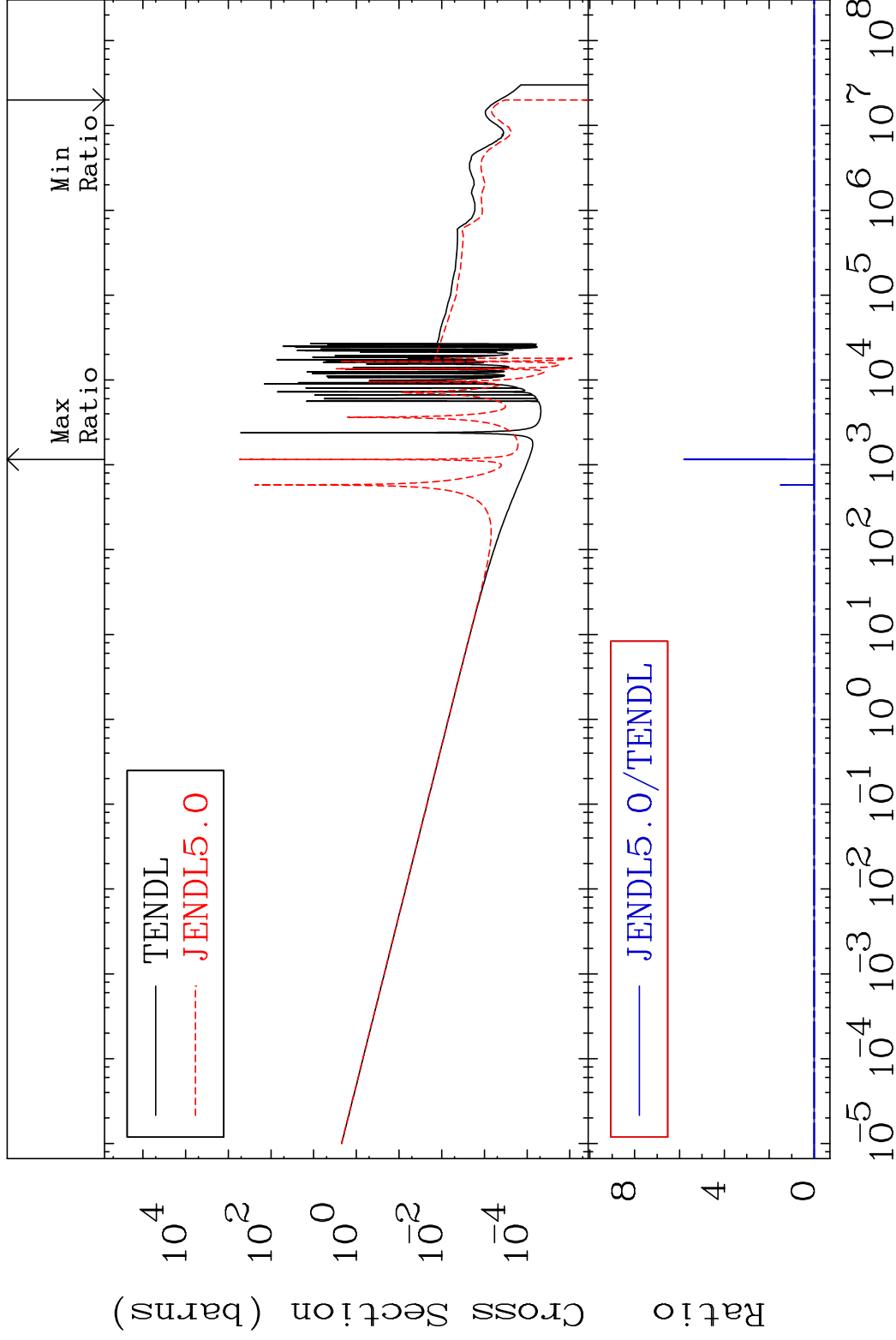


MAT 3449

(n,  $\gamma$ )

34-Se-82

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

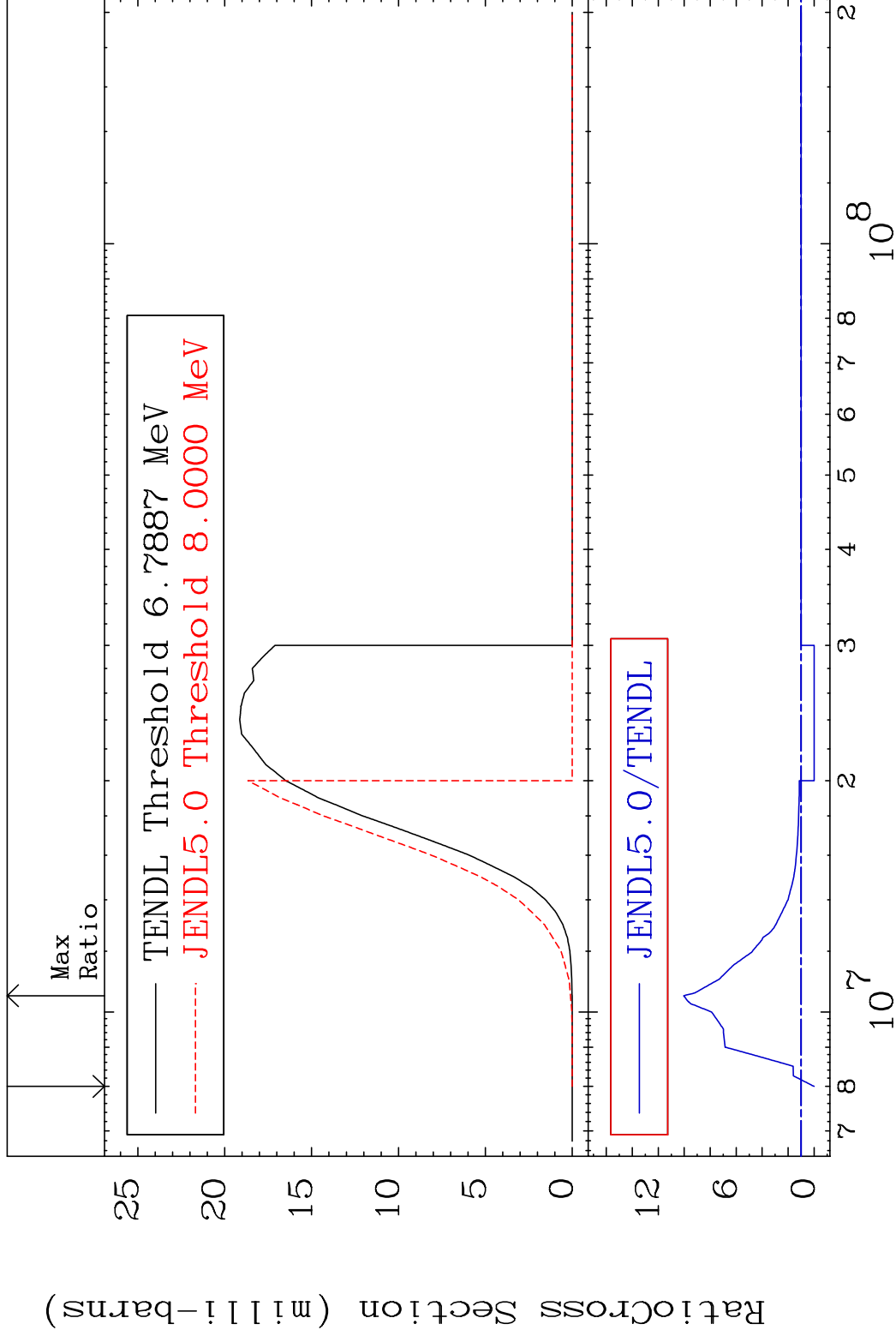
34-Se-82

MAT 3449

(n,p)

<sup>34</sup>Se-82

Cross Section -100.0 To 904.5 %



25

Incident Energy (eV)

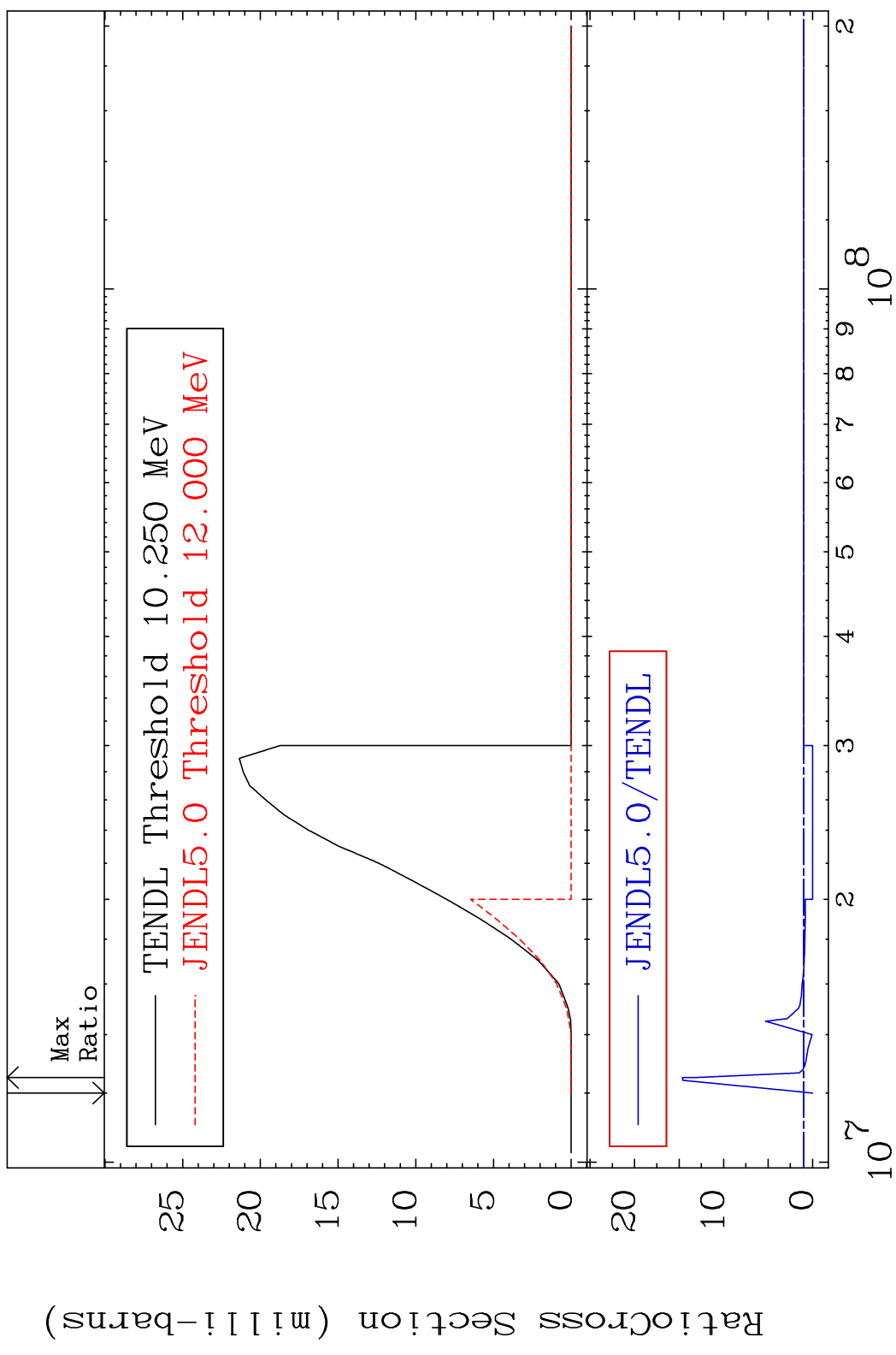
<sup>34</sup>Se-82

MAT 3449

(n,d)

34-Se-82

Cross Section -100.0 To 1363. %



26

Incident Energy (eV)

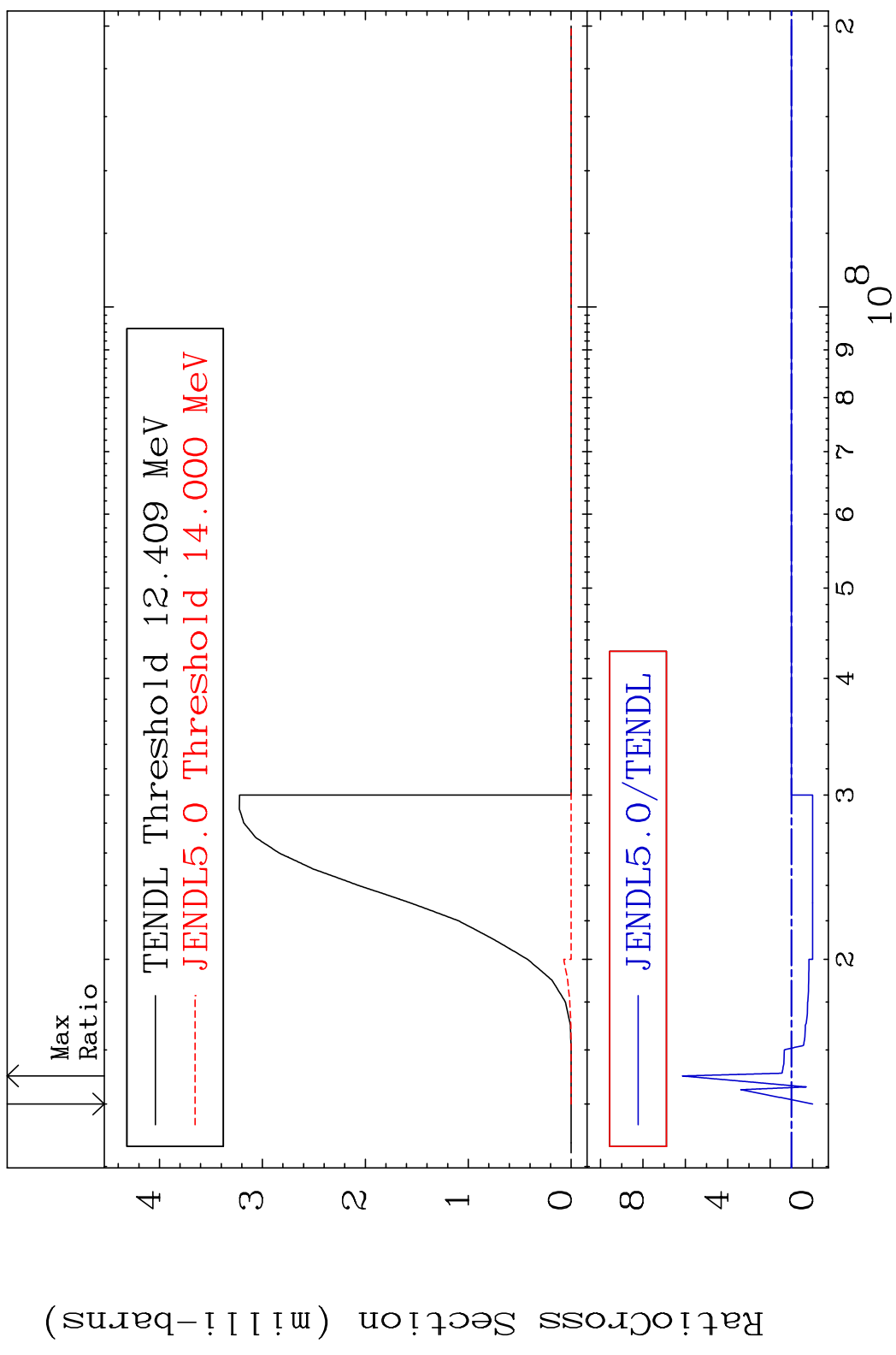
34-Se-82

MAT 3449

(n, t)

34-Se-82

Cross Section -100.0 To 514.1 %

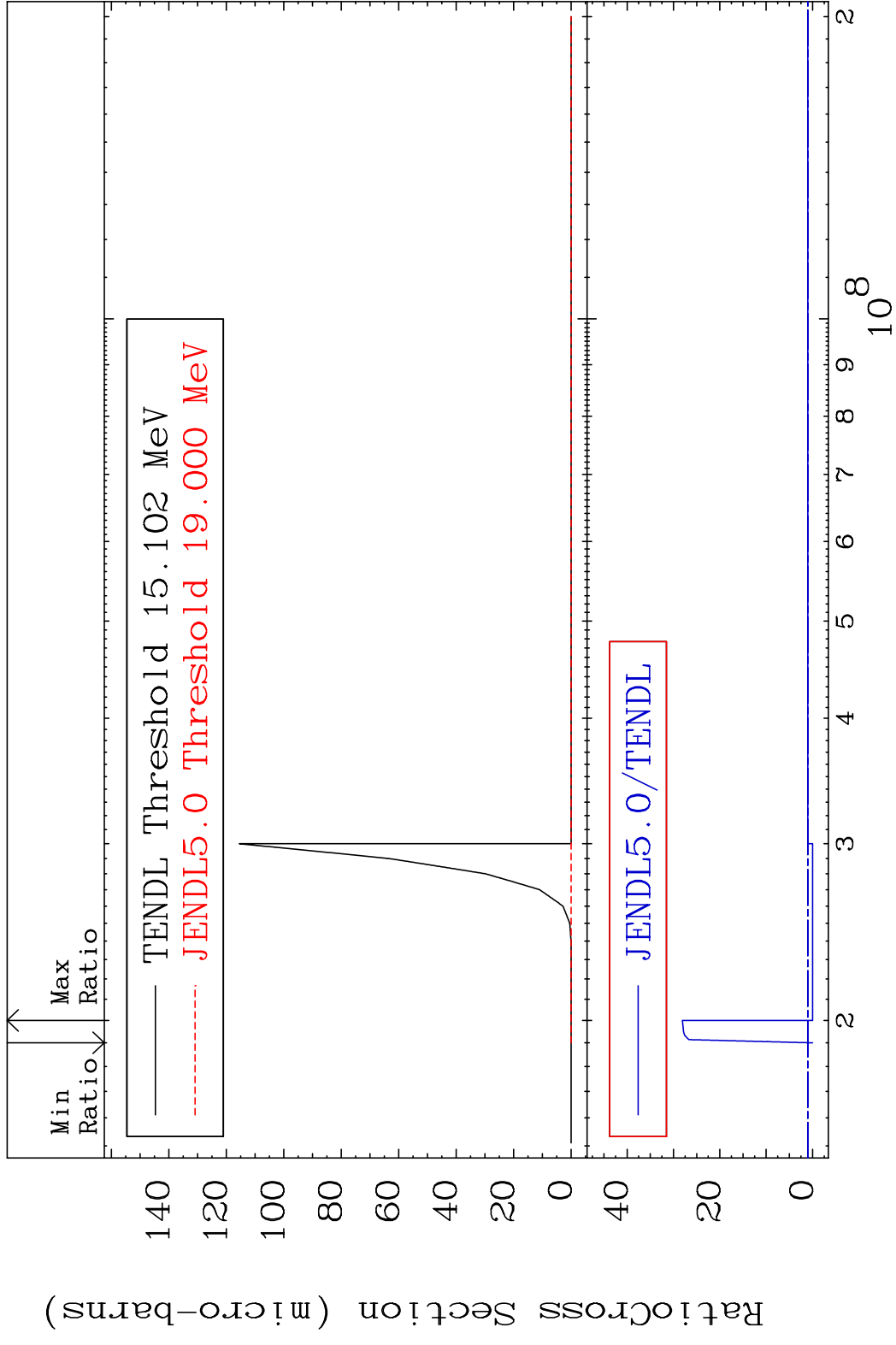


MAT 3449

(n, He-3)

34-Se-82

Cross Section -100.0 To 2708. %

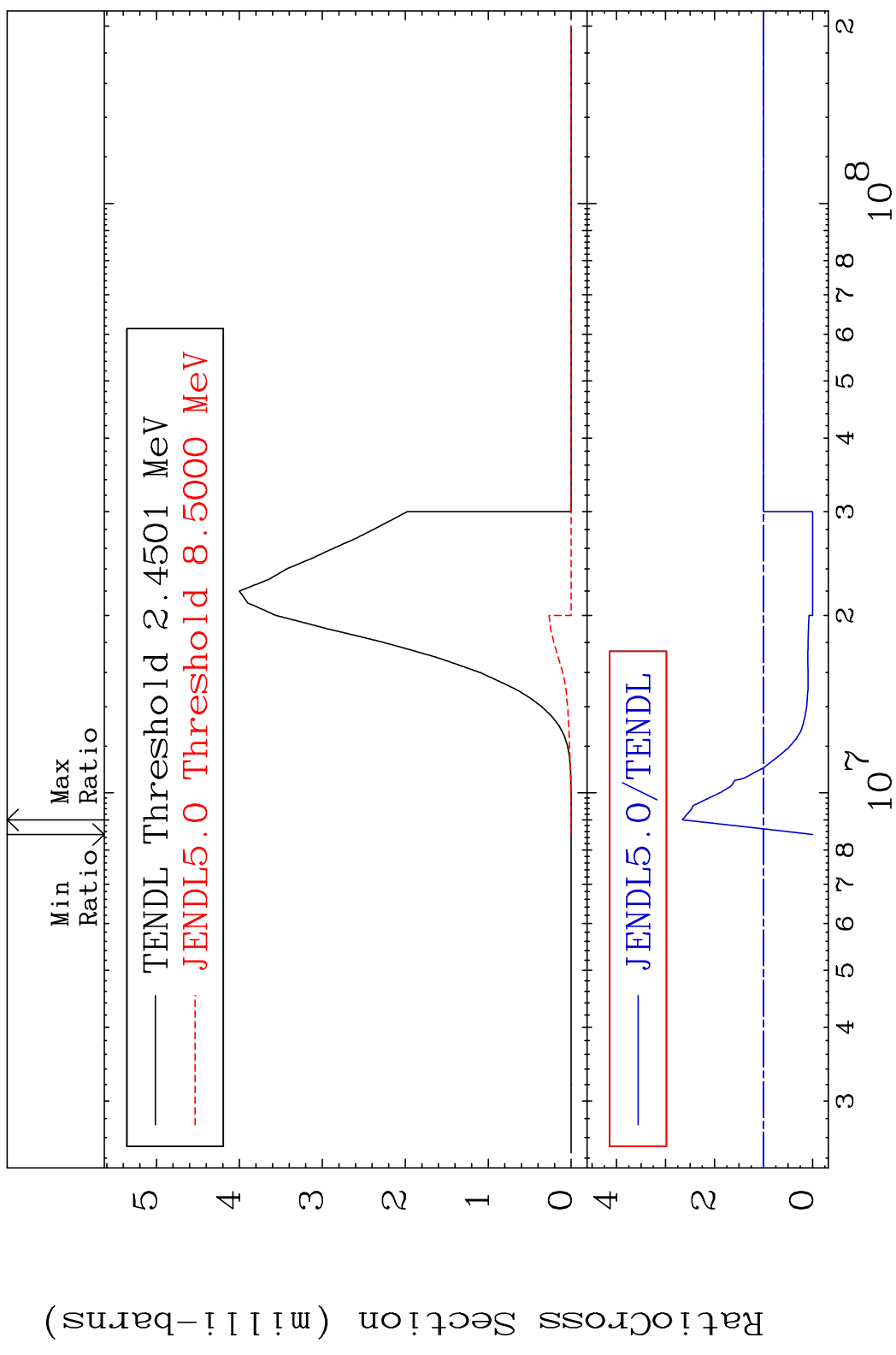


MAT 3449

(n,  $\alpha$ )

34-Se-82

Cross Section -100.0 To 165.7 %

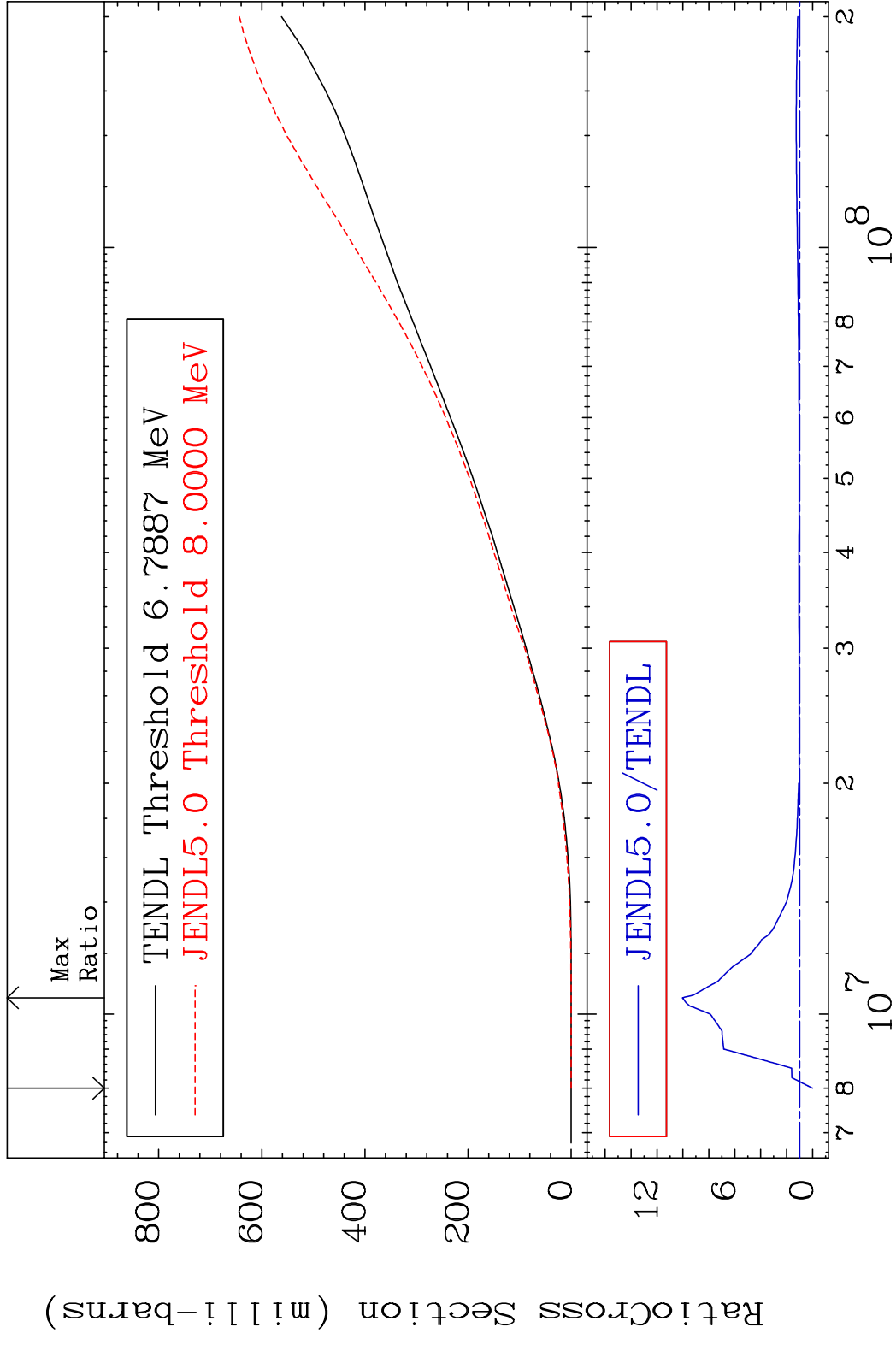


MAT 3449

Hydrogen Production

34-Se-82

Cross Section -100.0 To 904.5 %

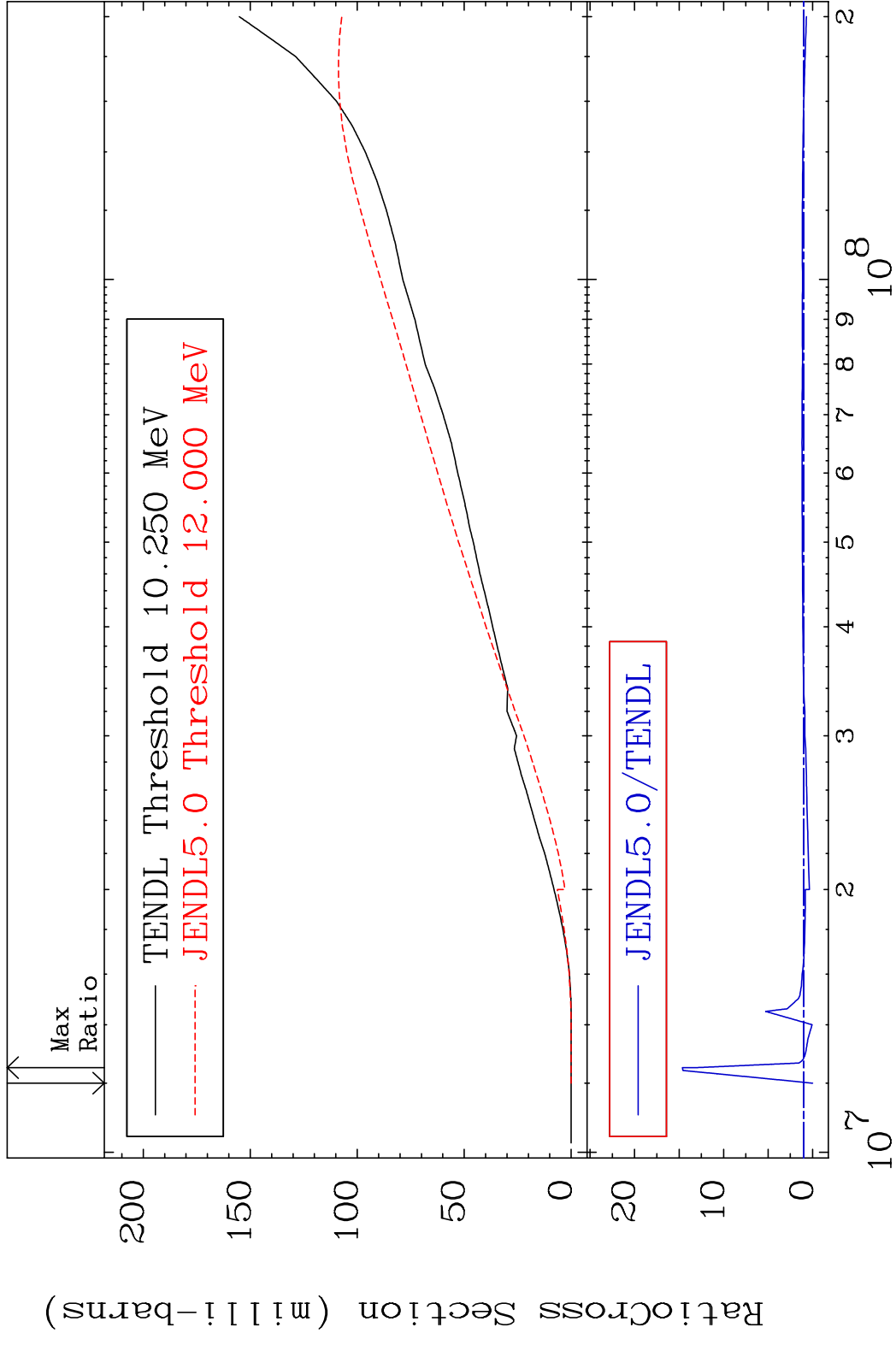


30

Incident Energy (eV)

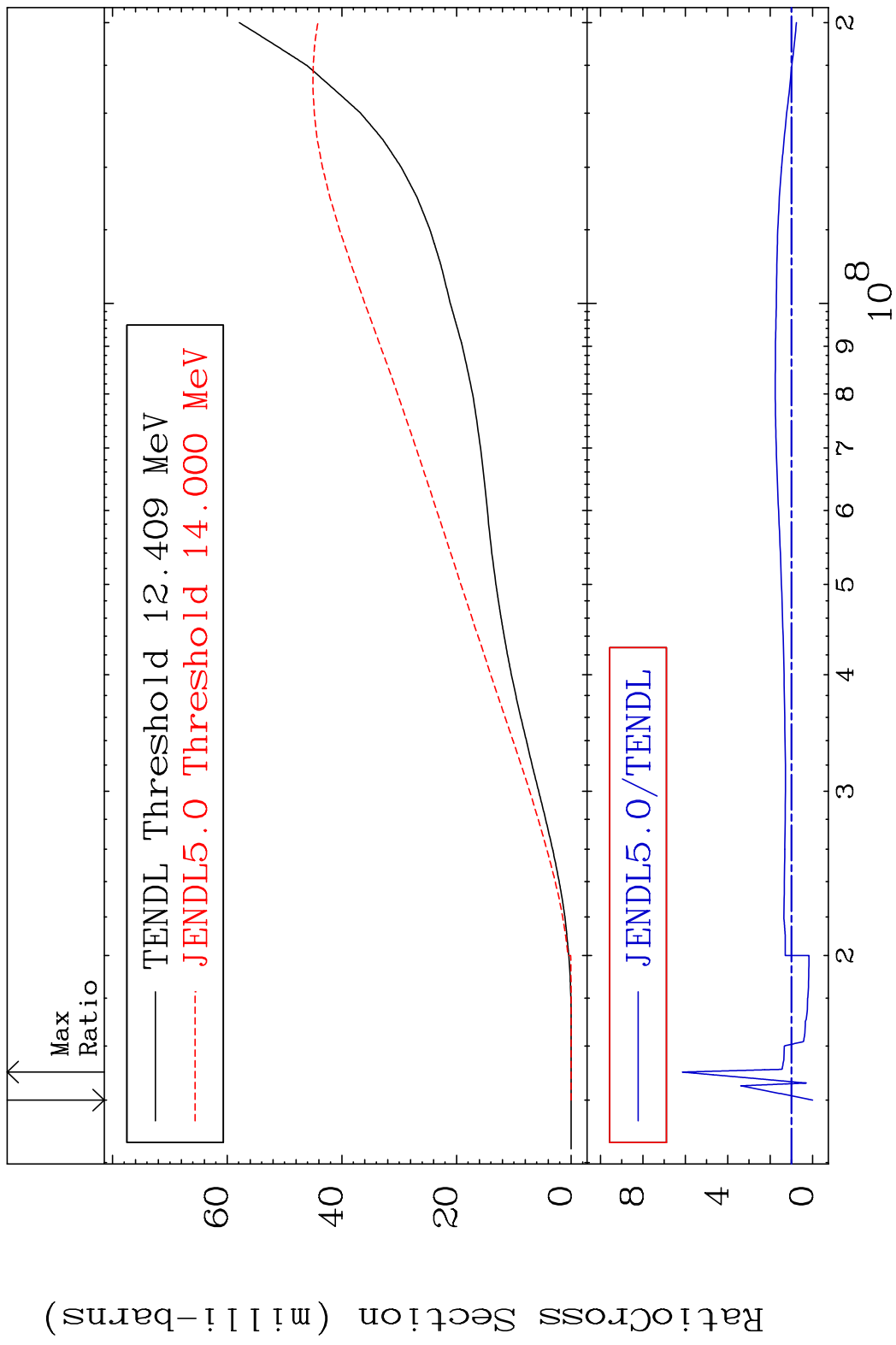
34-Se-82

MAT 3449 Deuterium Production 34-Se-82  
 Cross Section -100.0 To 1363. %

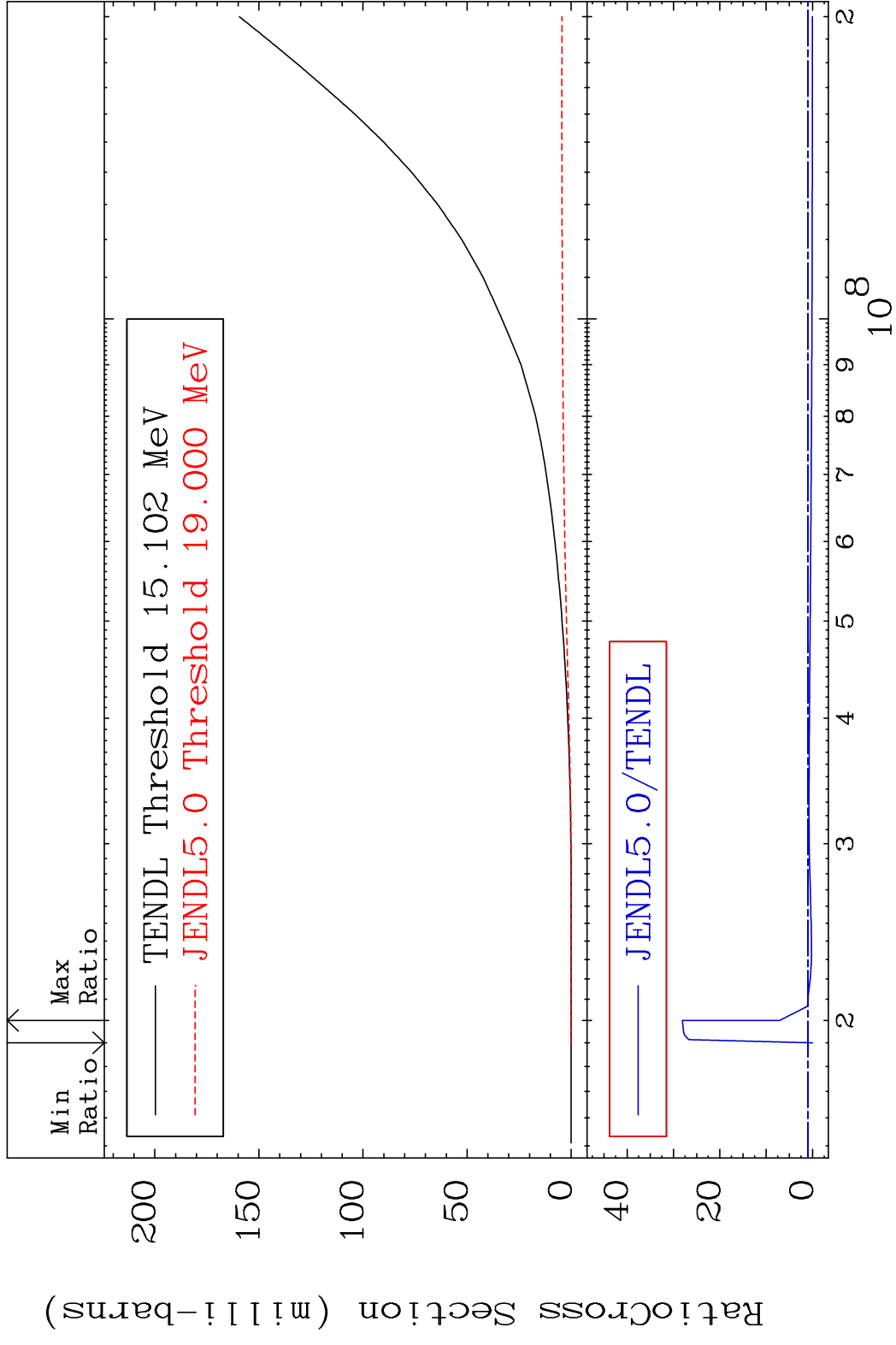




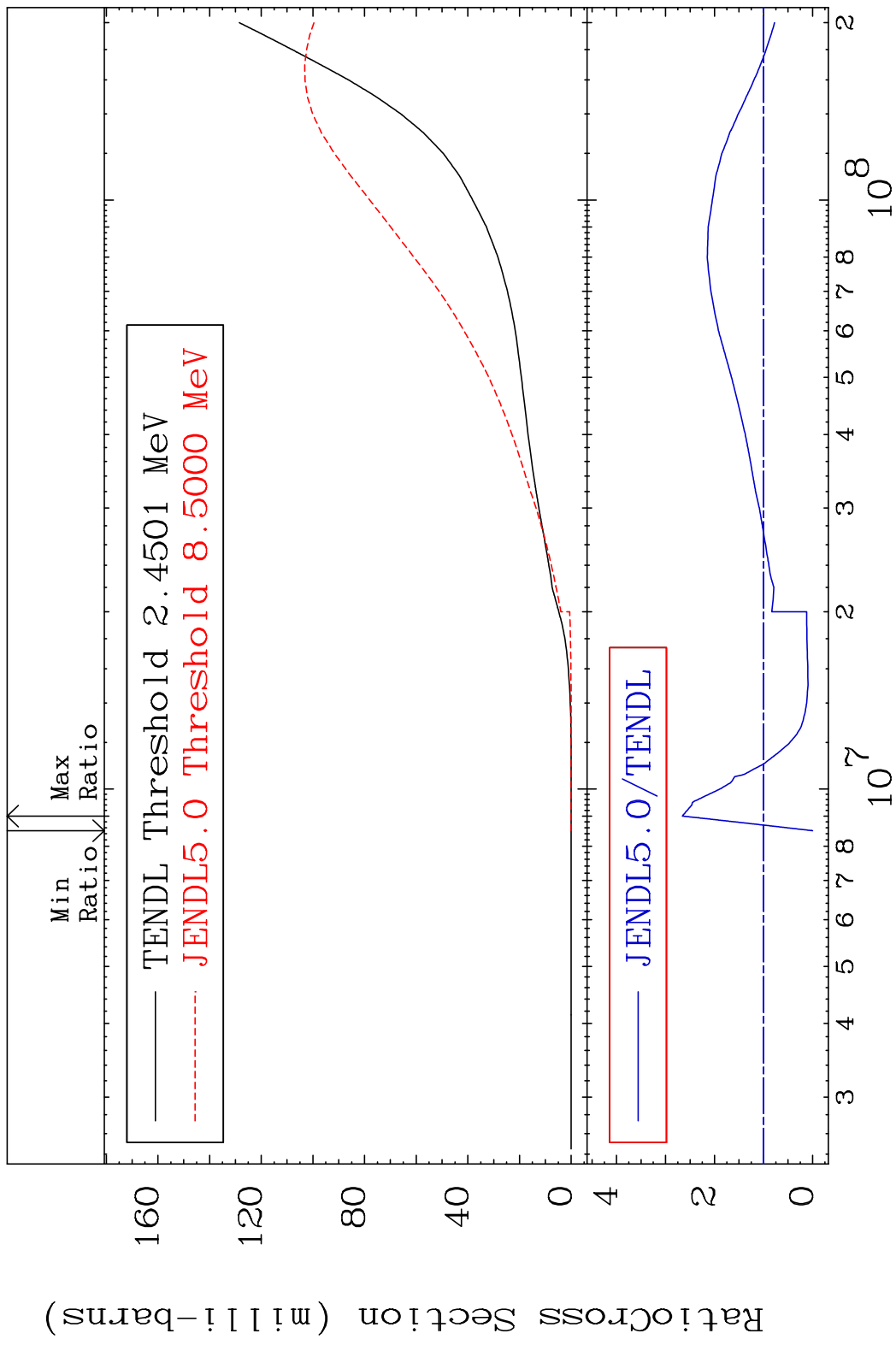
MAT 3449 Tritium Production 34-Se-82  
 Cross Section -100.0 To 514.1 %



Cross Section -100.0 To 2708. %

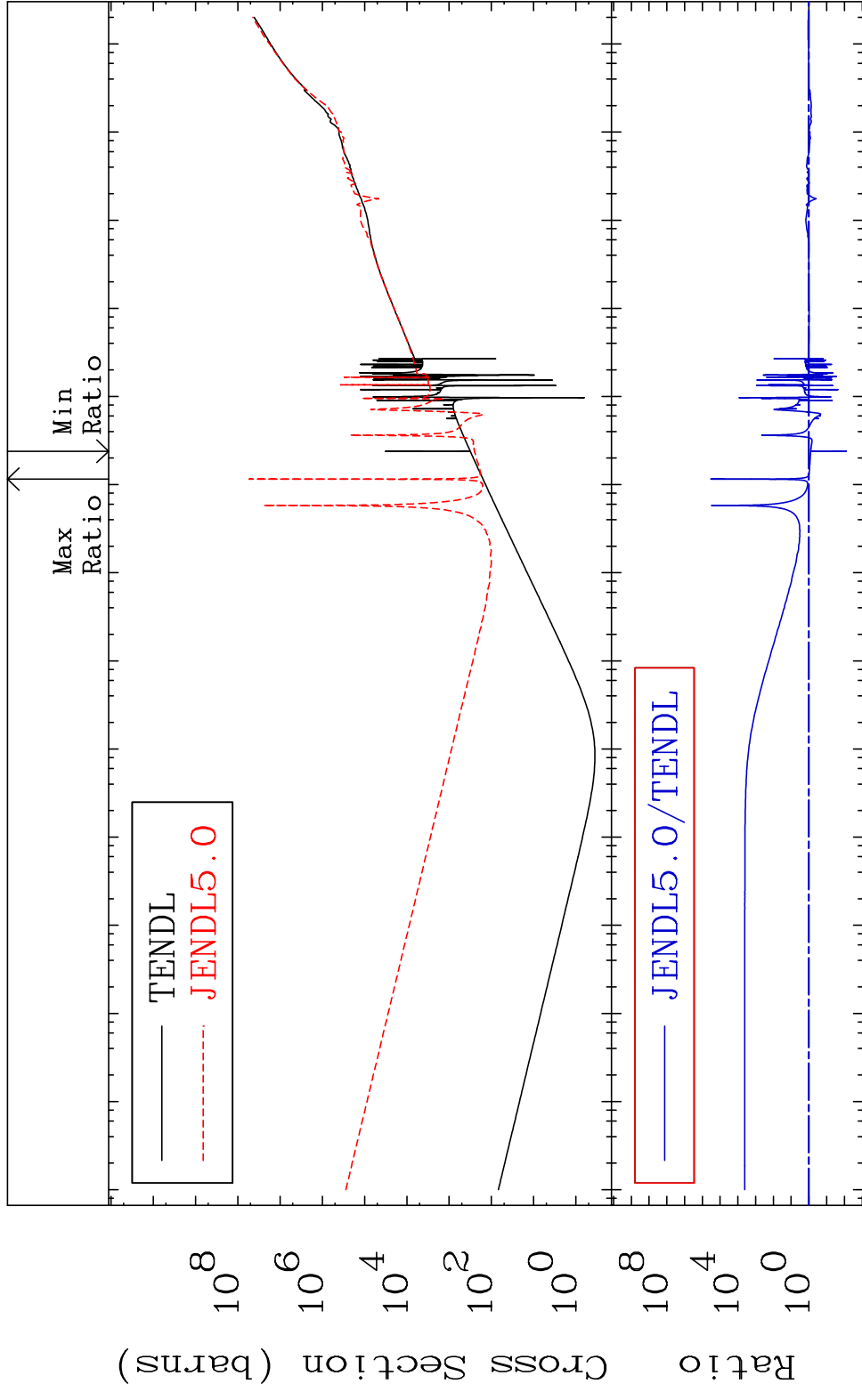


MAT 3449 He-4 Production 34-Se-82  
 Cross Section -100.0 To 165.7 %



34 34-Se-82

MAT 3449 Kerma total (eV-barns) 34-Se-82  
 Cross Section -99.22 To 9999. %



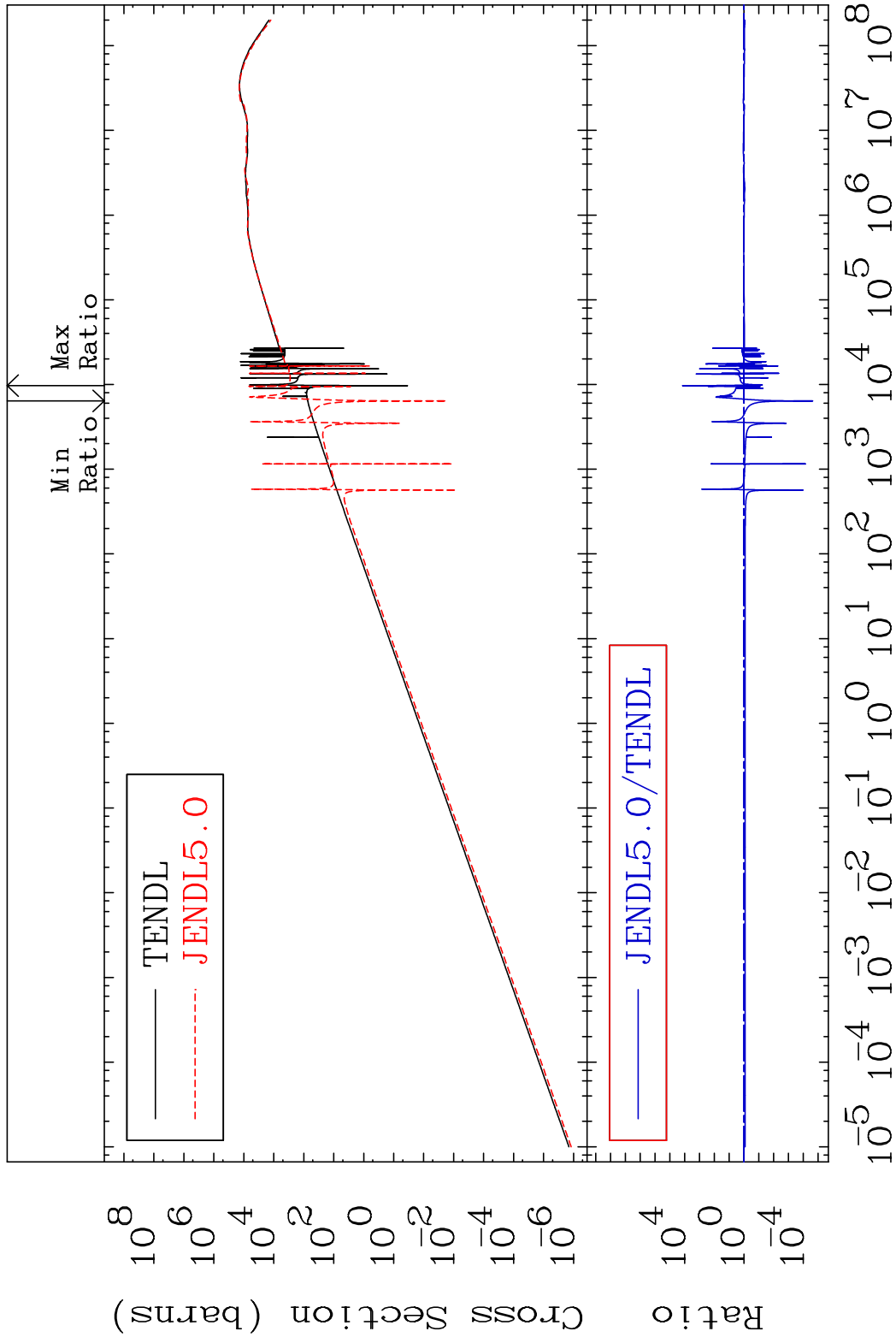
35 Incident Energy (eV) 34-Se-82

MAT 3449

Kerma elastic  
Cross Section

34-Se-82

-100.0 To 9999. %

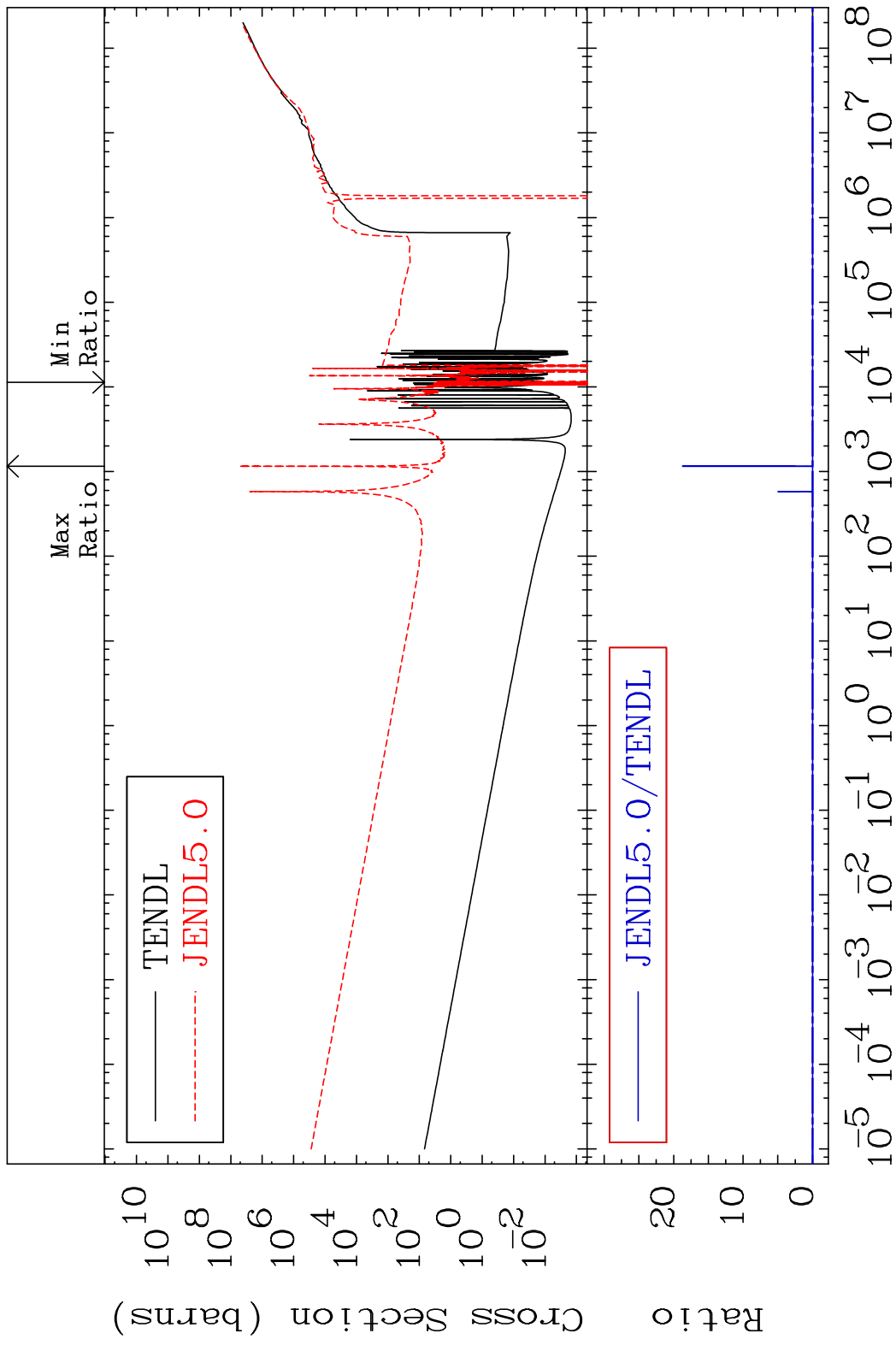


36

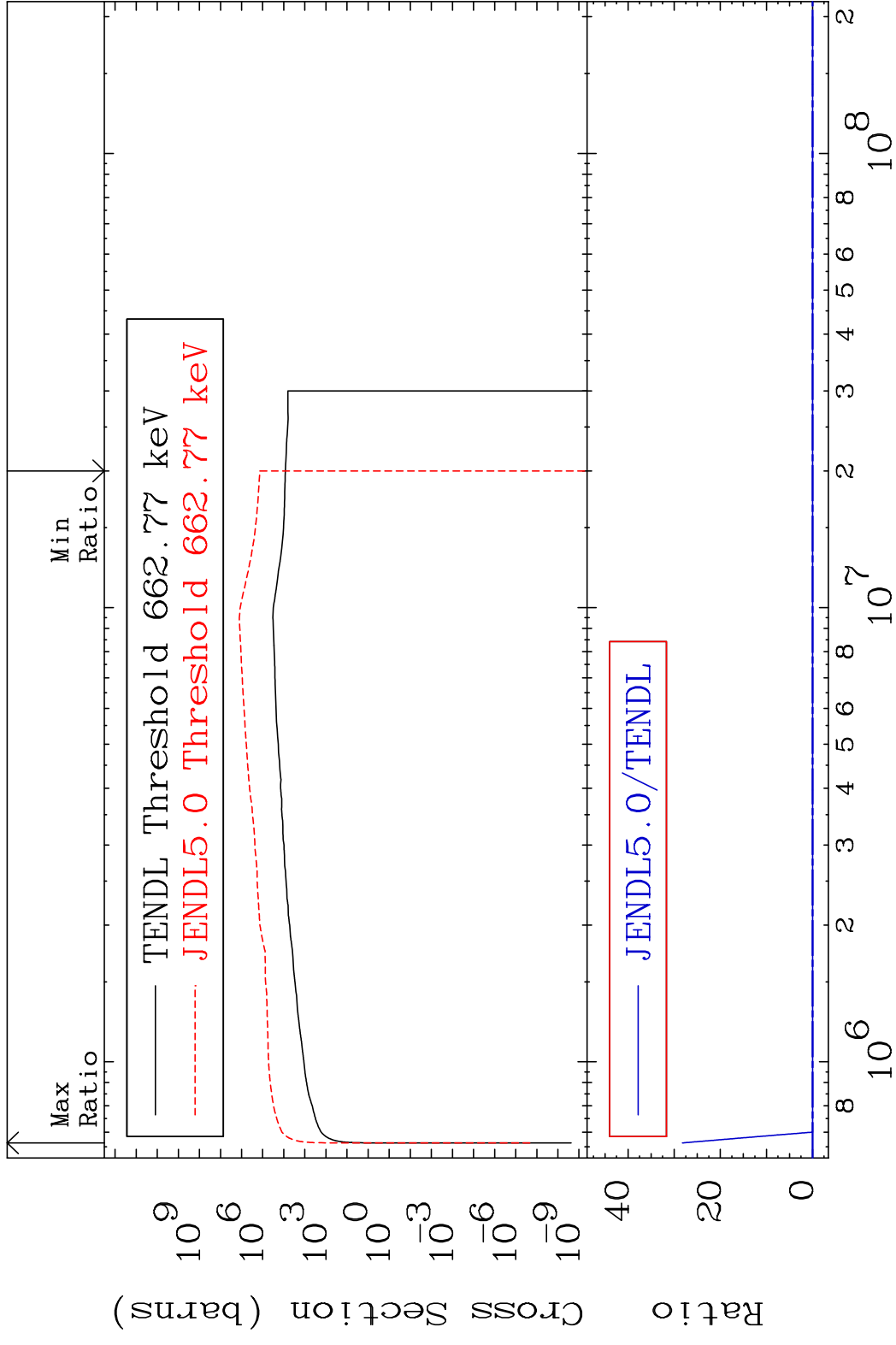
Incident Energy (eV)

34-Se-82

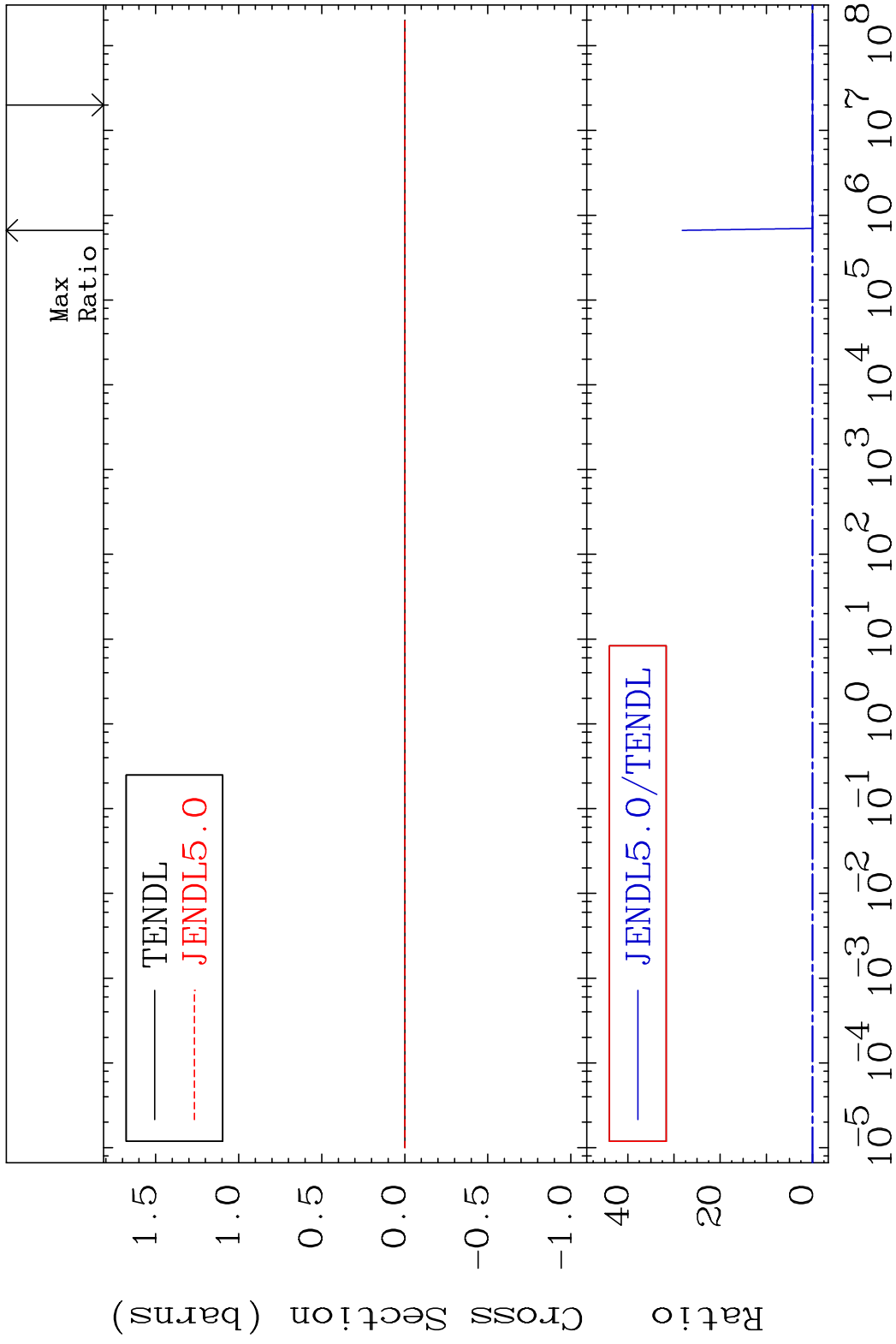
MAT 3449 Kerma non-elastic (all but mt2) 34-Se-82  
 Cross Section -9999. To 9999. %



MAT 3449 Kerma inelastic (mt51-91) 34-Se-82  
 Cross Section -100.0 To 9999. %



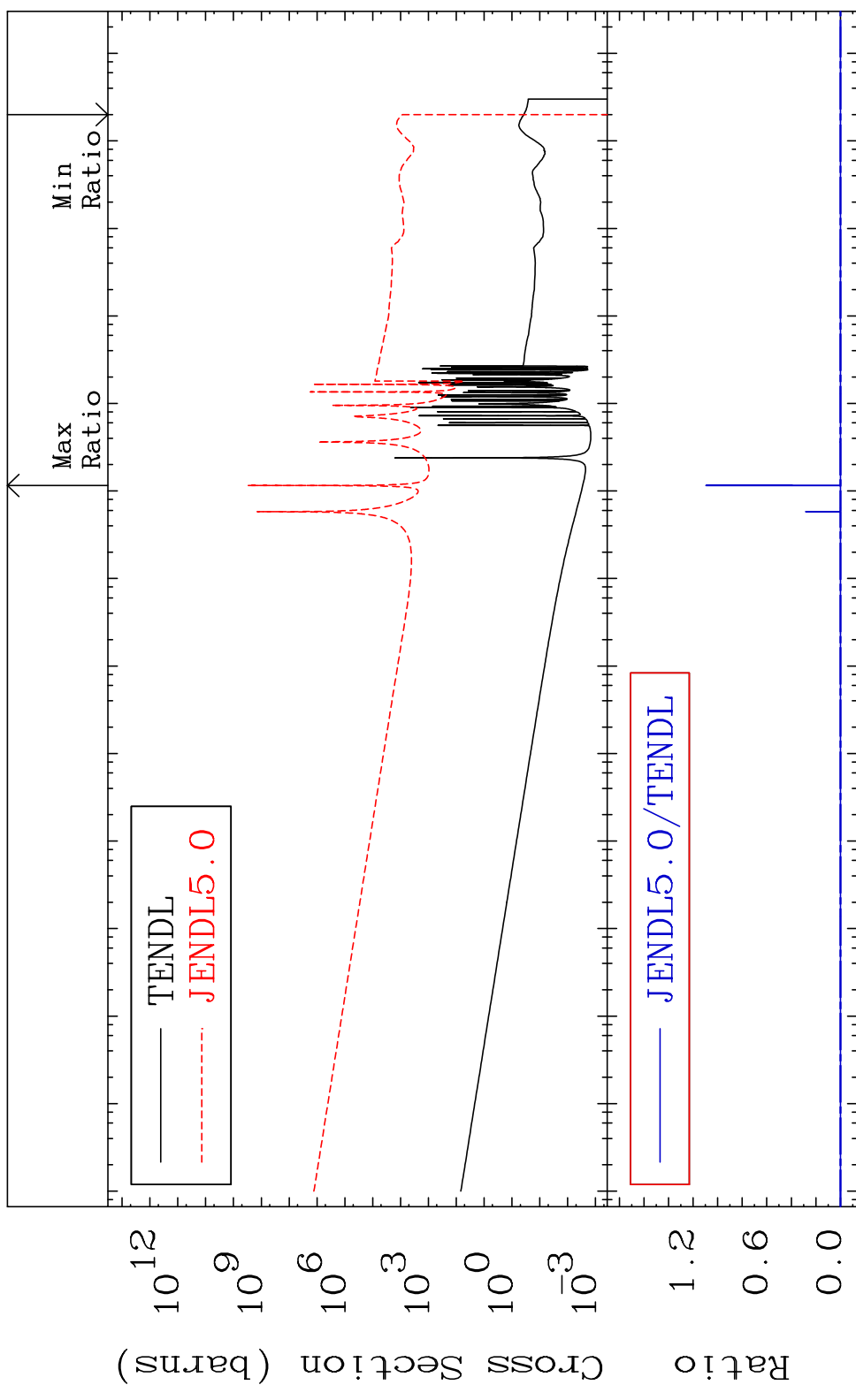
MAT 3449 Kerma fission (mt18 or mt19-20-21-38) 34-Se-82  
 Cross Section -100.0 To 9999. %





MAT 3449

Kerma capture (mt102) 34-Se-82  
Cross Section -100.0 To 9999. %

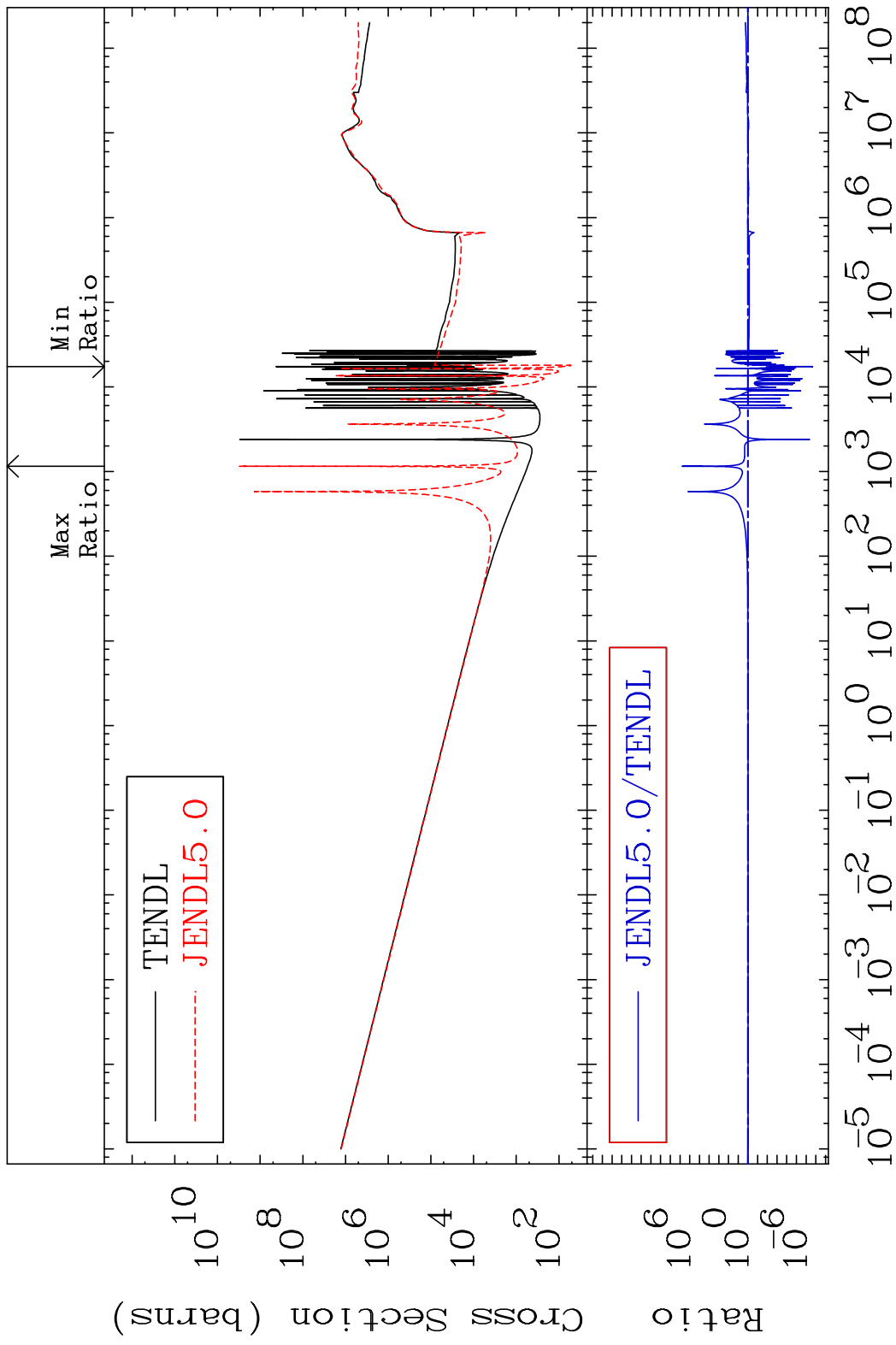


40

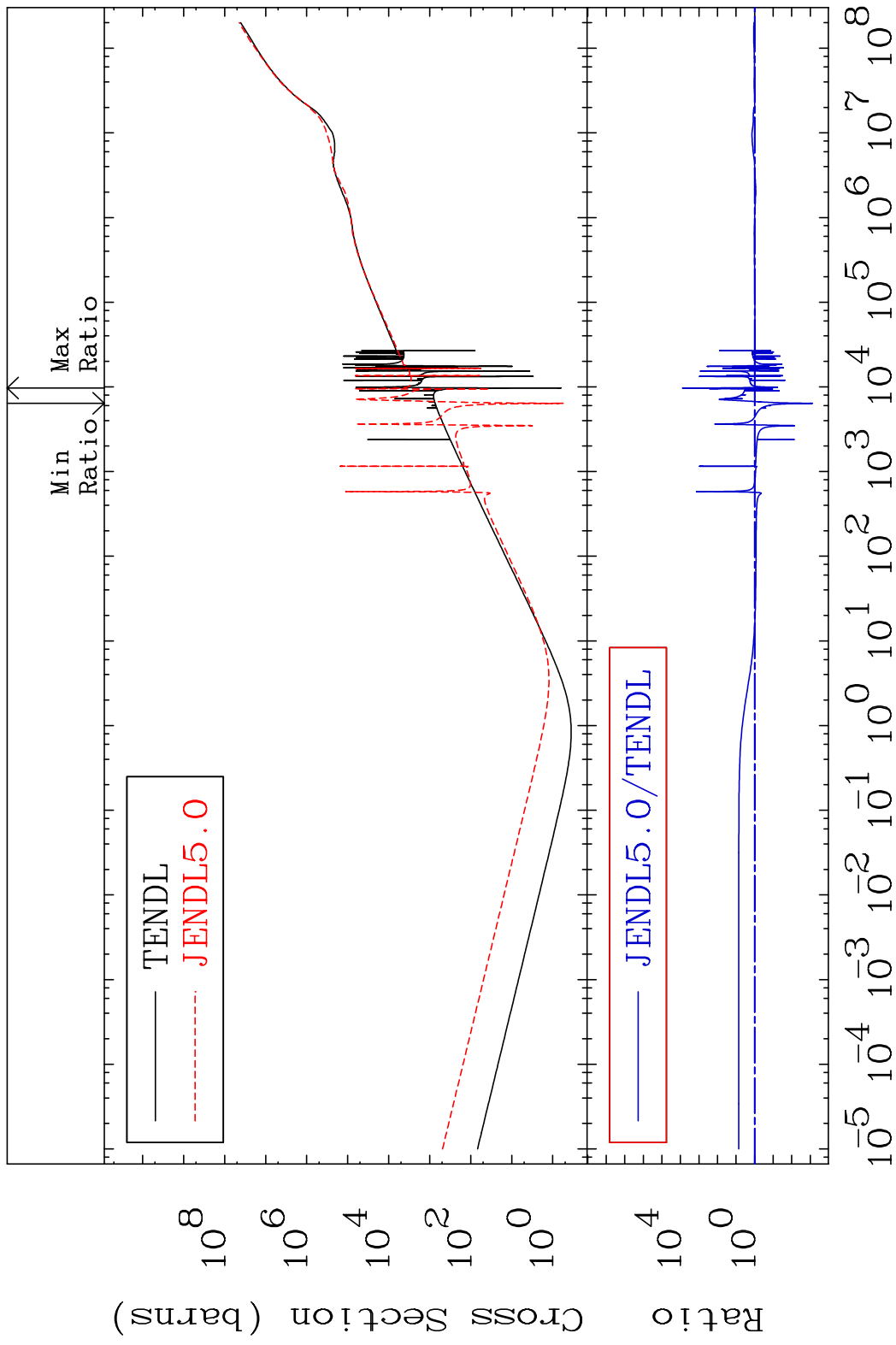
Incident Energy (eV)

34-Se-82

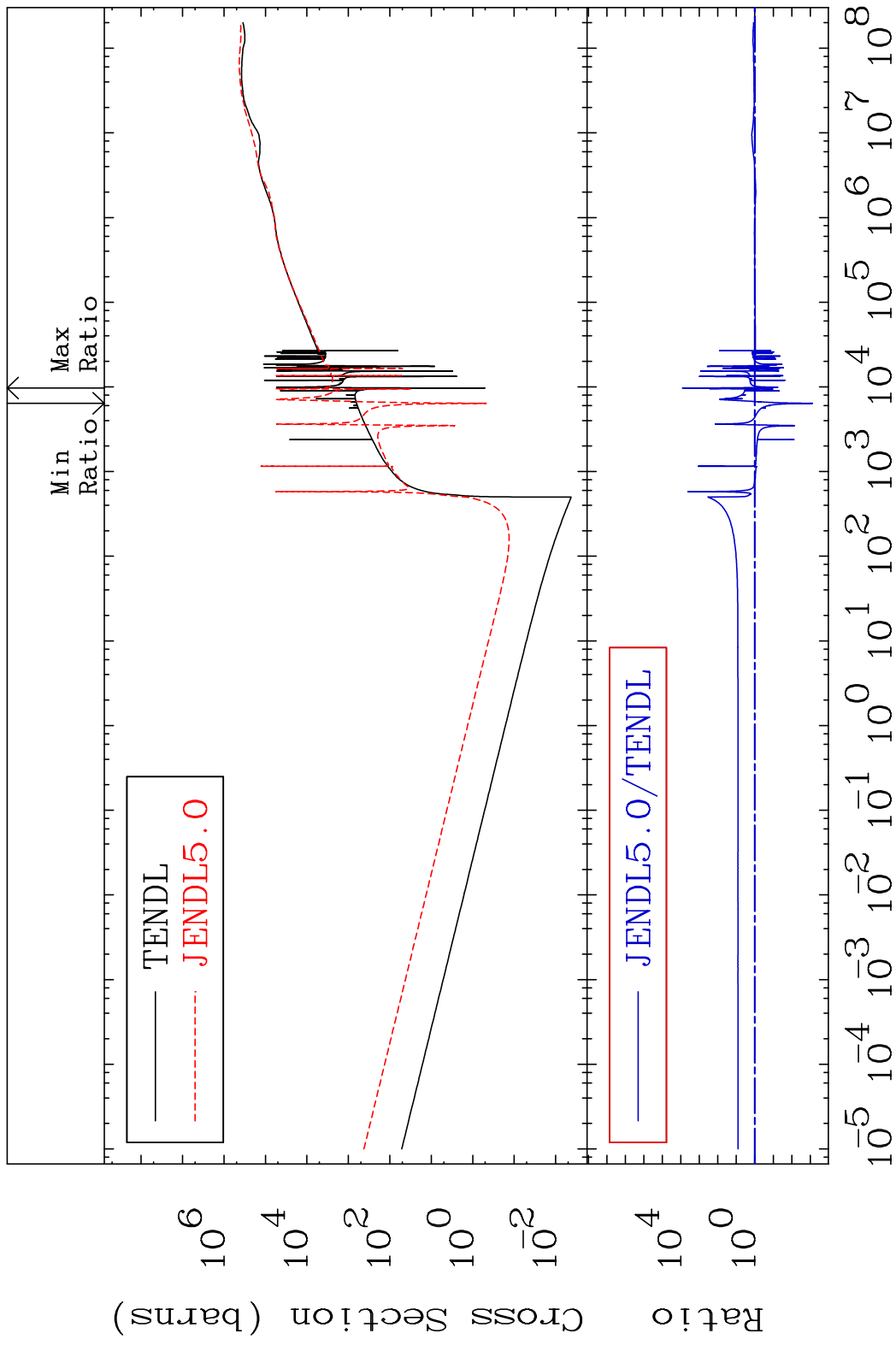
MAT 3449 Total photon (eV-barns) 34-Se-82  
 Cross Section -100.0 To 9999. %



MAT 3449 Total kinematic kerma (high limit) 34-Se-82  
 Cross Section -99.92 To 9999. %



MAT 3449      Dpa total (eV-barns)      34-Se-82  
 Cross Section      -99.93 To 9999. %

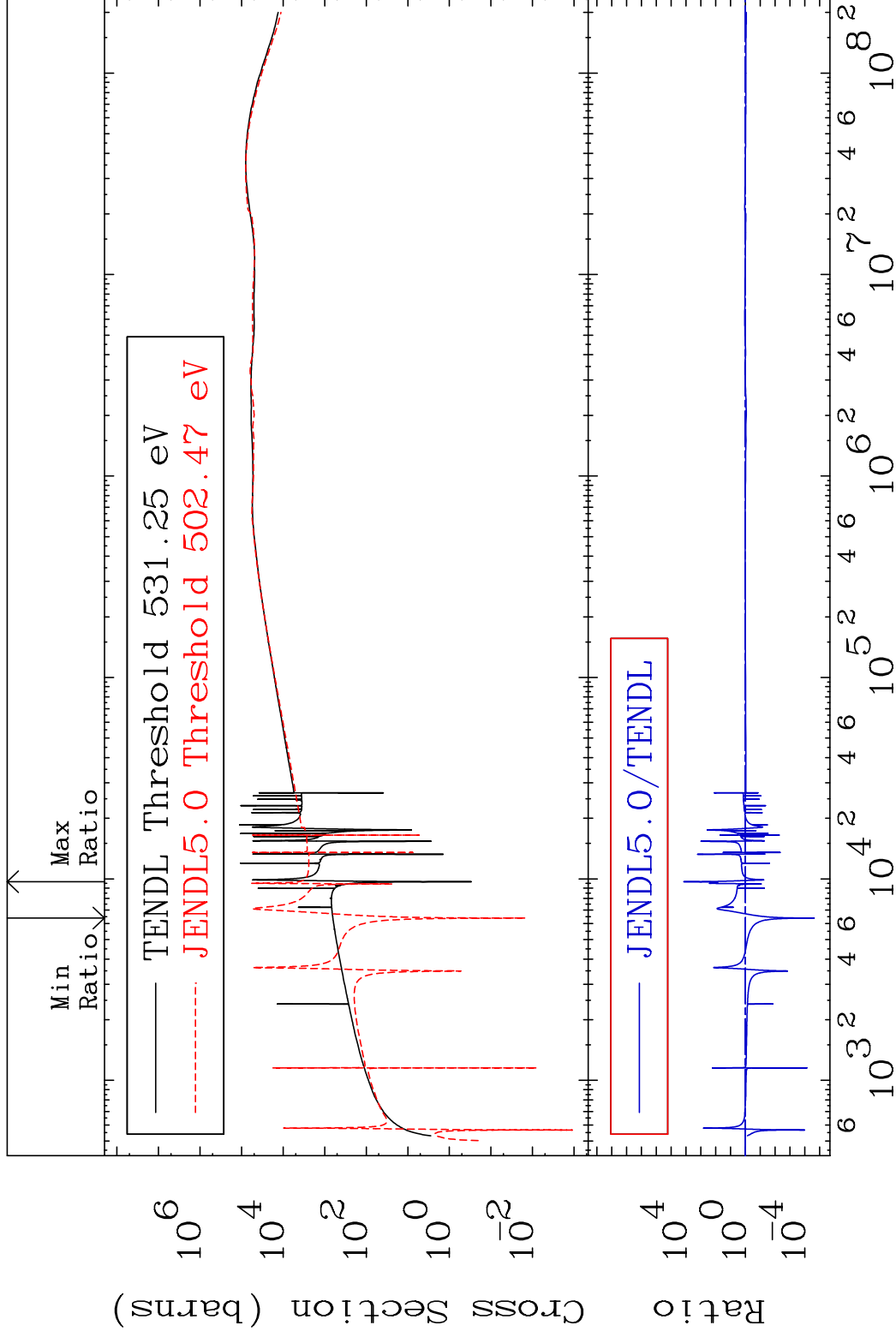


MAT 3449

Dpa elastic (mt2)

34-Se-82

Cross Section -100.0 To 9999. %

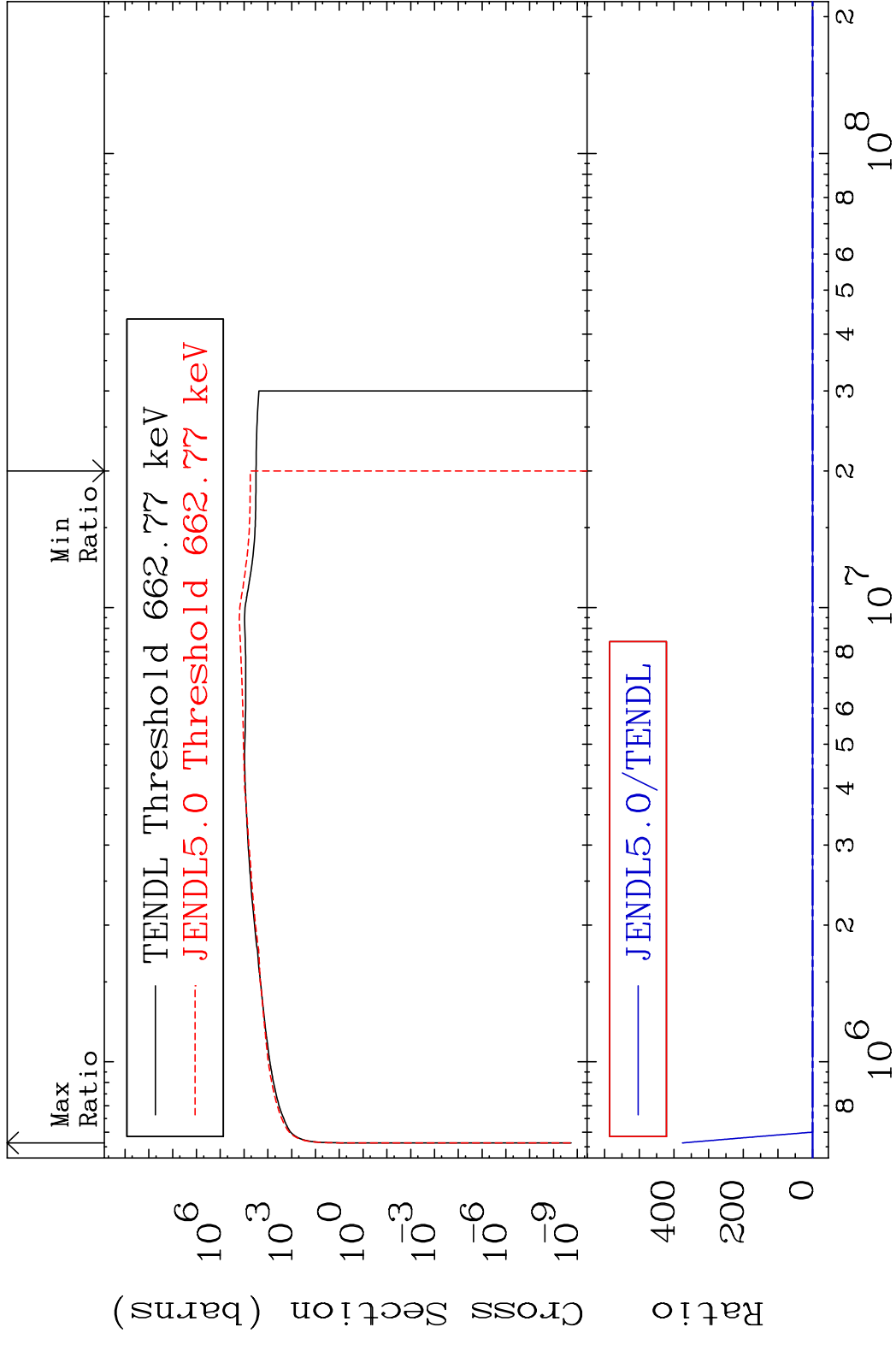


44

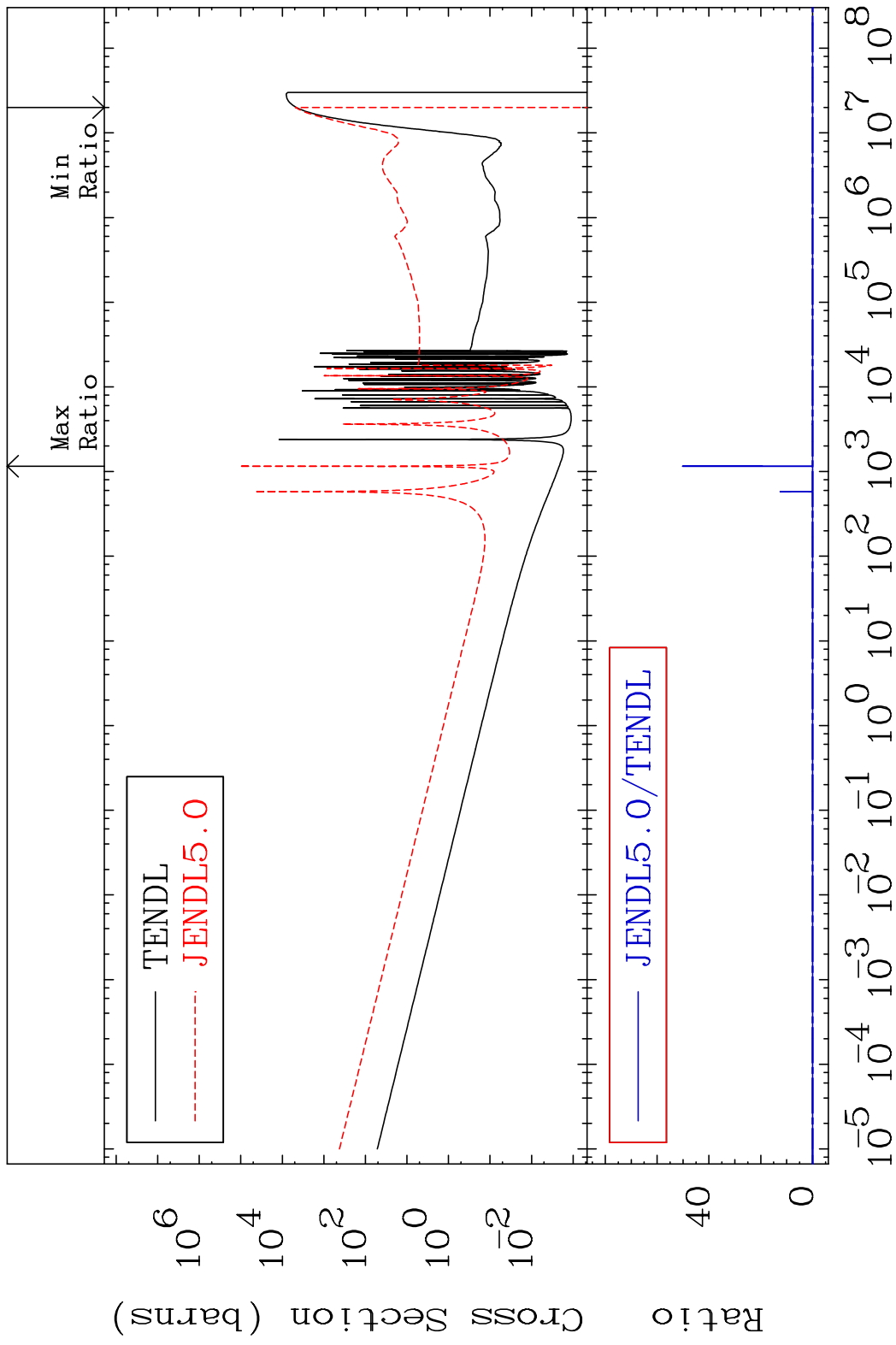
Incident Energy (eV)

34-Se-82

MAT 3449 Dpa inelastic (mt51-91) 34-Se-82  
 Cross Section -100.0 To 9999. %



MAT 3449 Dpa disappearance (mt102 -120) 34-Se-82  
 Cross Section -100.0 To 9999. %

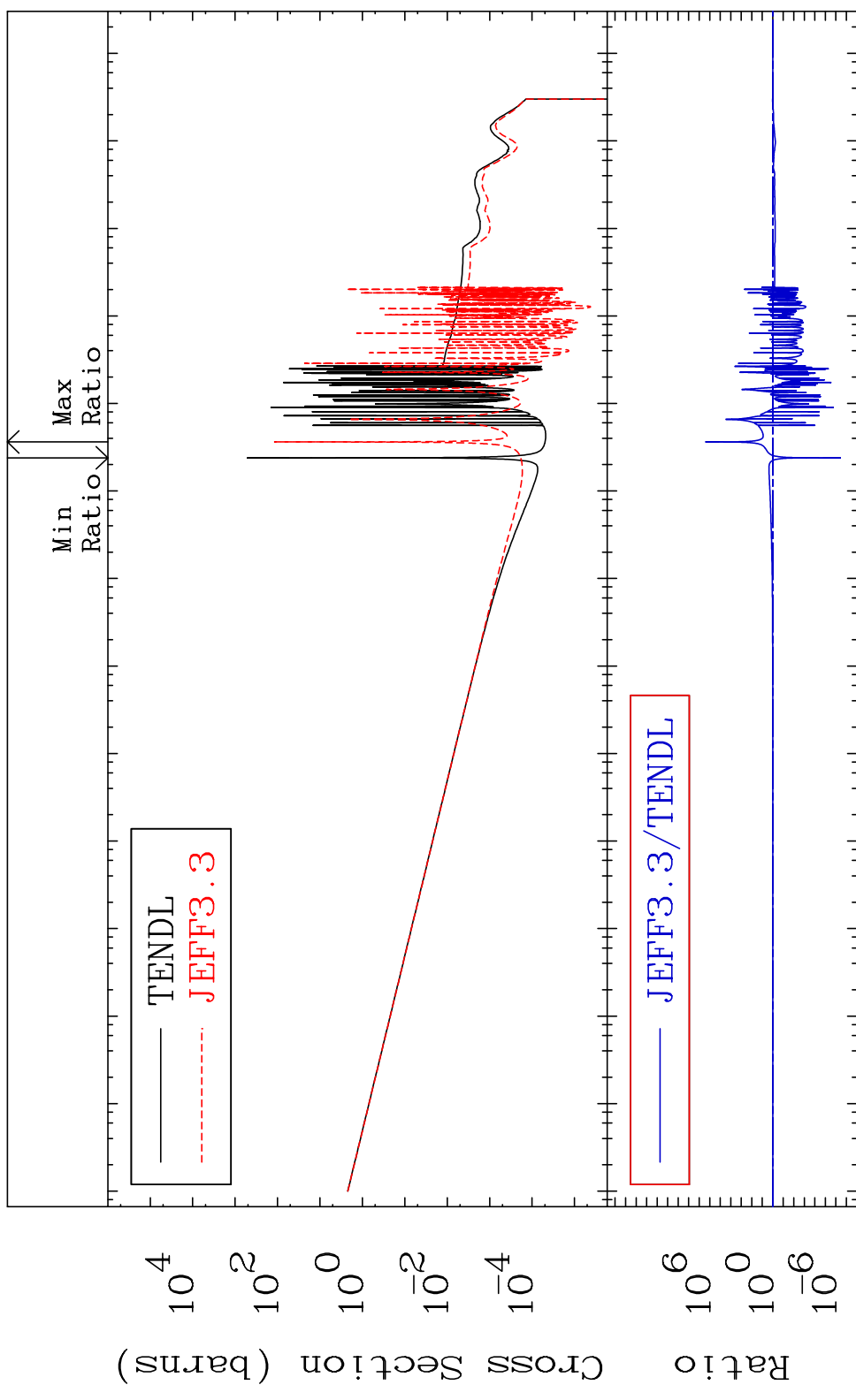


MAT 3449

(n,  $\gamma$ )

34-Se-82

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

34-Se-82

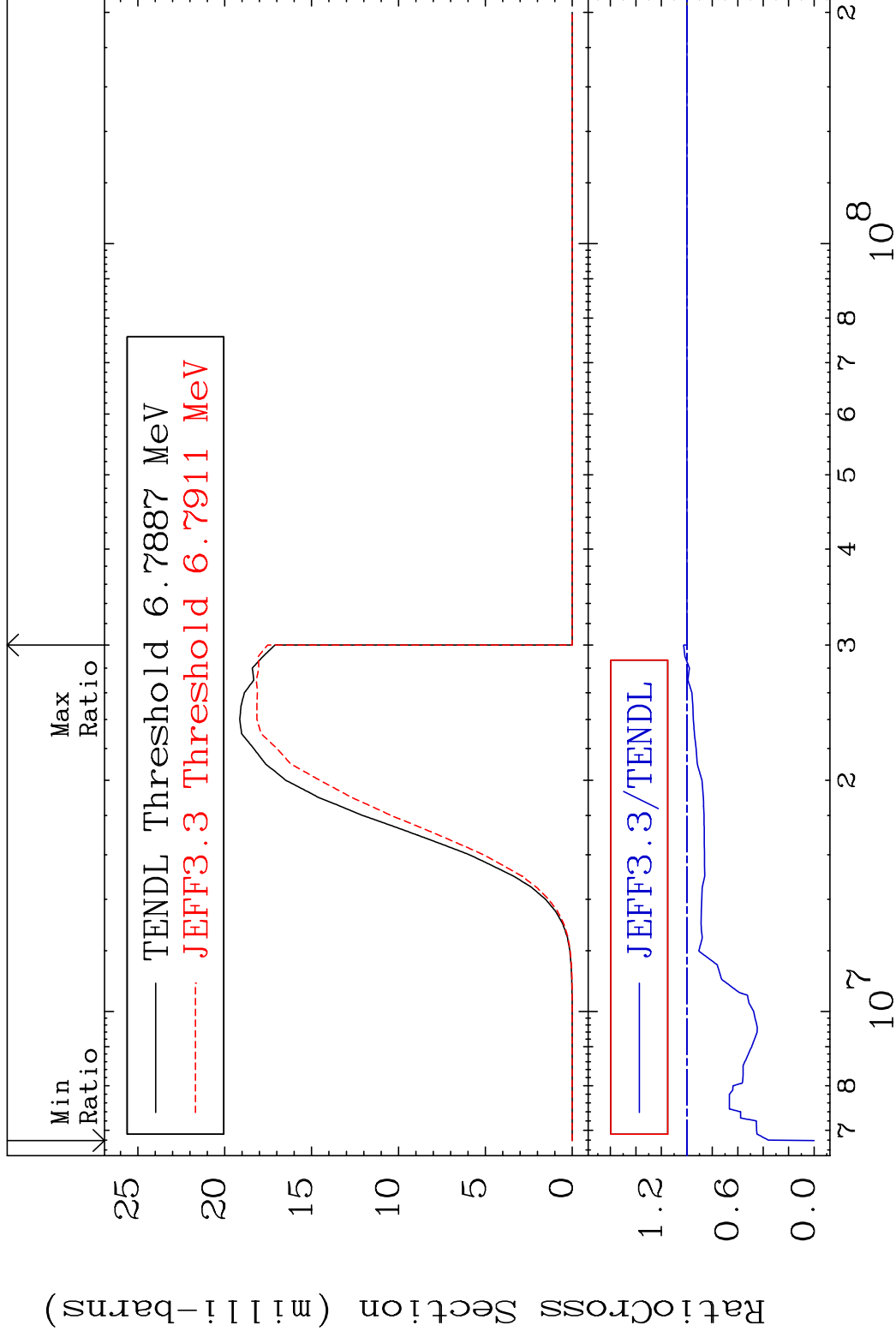


MAT 3449

(n, p)

<sup>34</sup>Se-82

Cross Section -100.0 To 2.487 %



48

Incident Energy (eV)

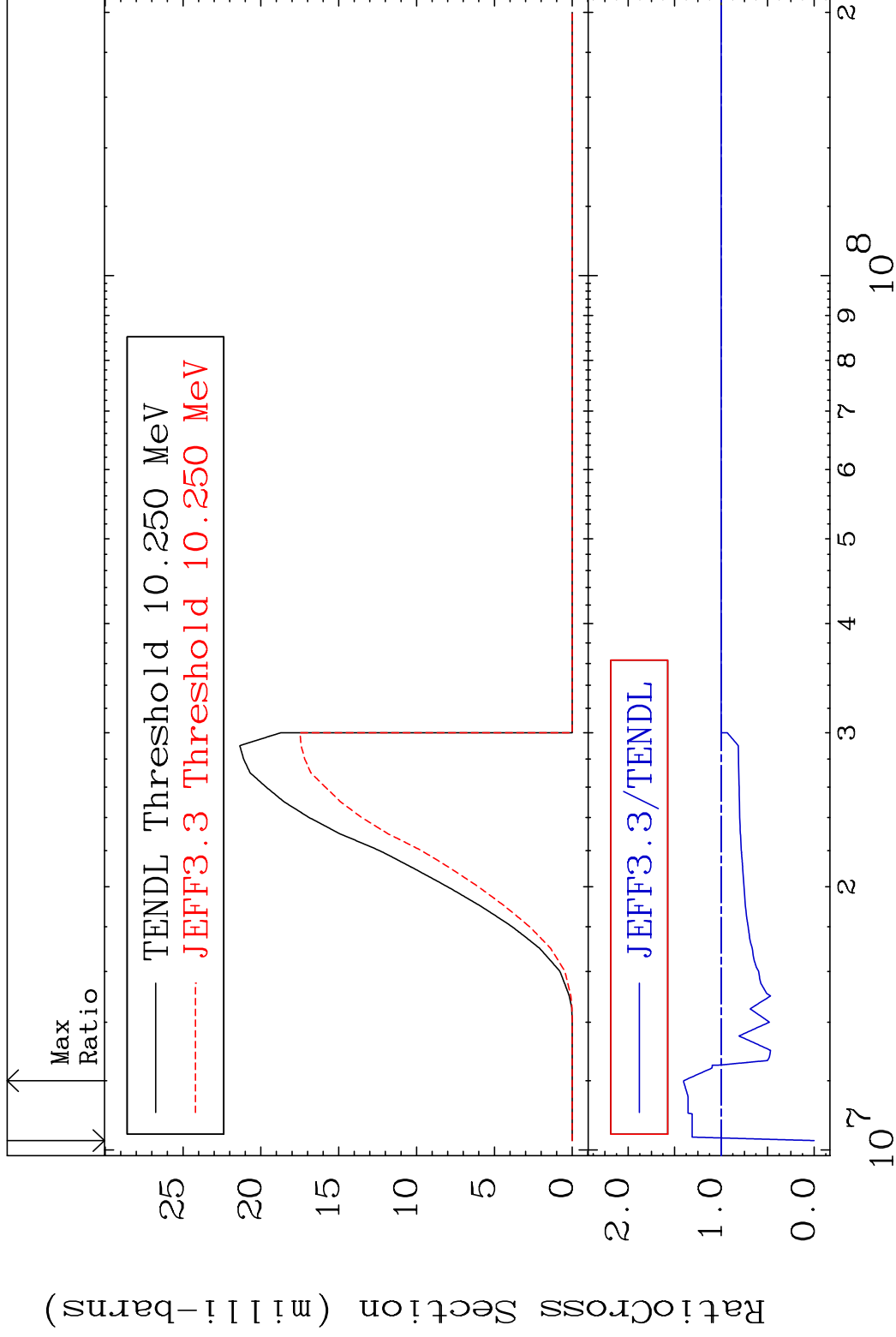
<sup>34</sup>Se-82

MAT 3449

(n,d)

<sup>34</sup>Se-82

Cross Section -100.0 To 40.30 %



49

Incident Energy (eV)

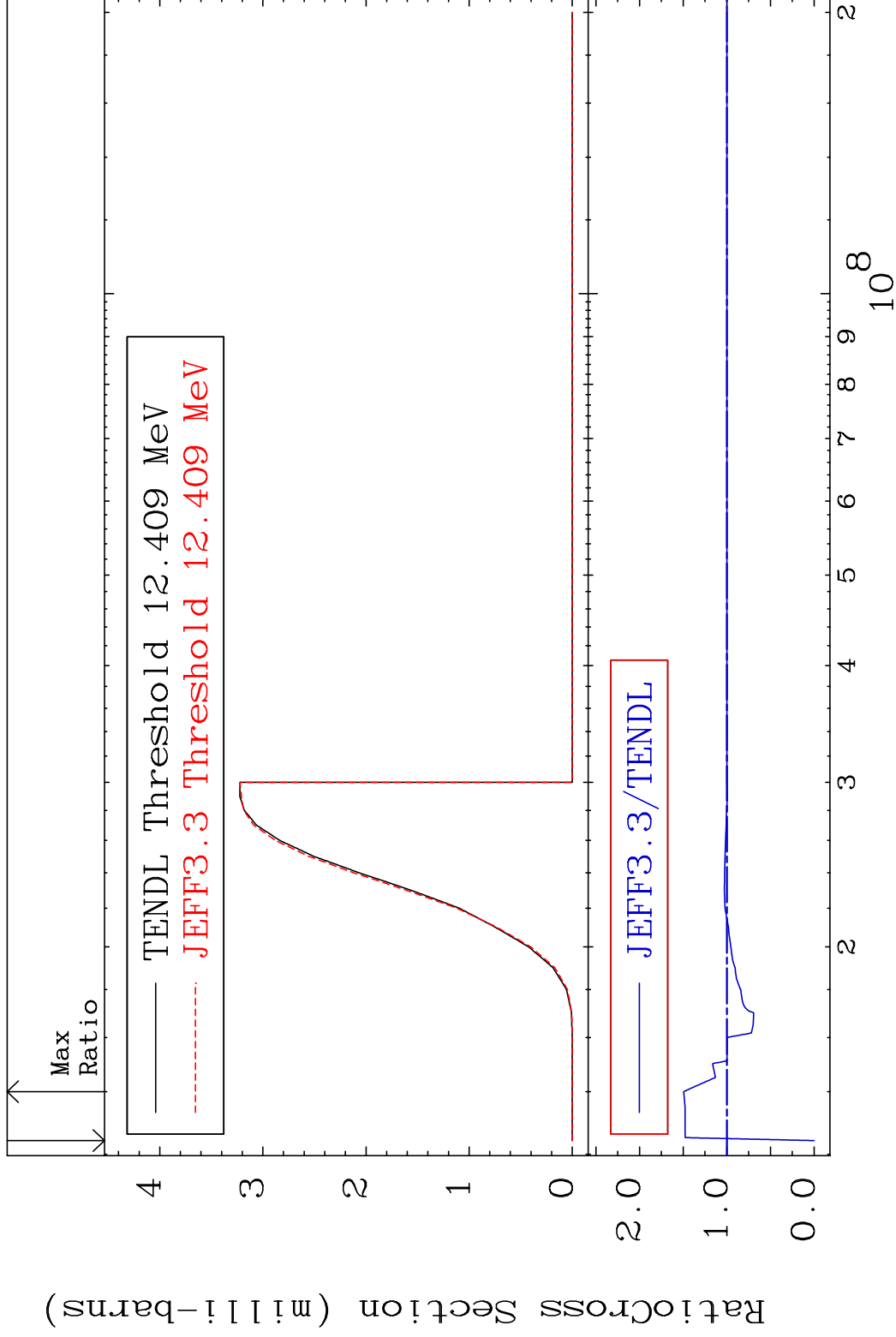
<sup>34</sup>Se-82

MAT 3449

(n, t)

<sup>34</sup>Se-82

Cross Section -100.0 To 49.47 %

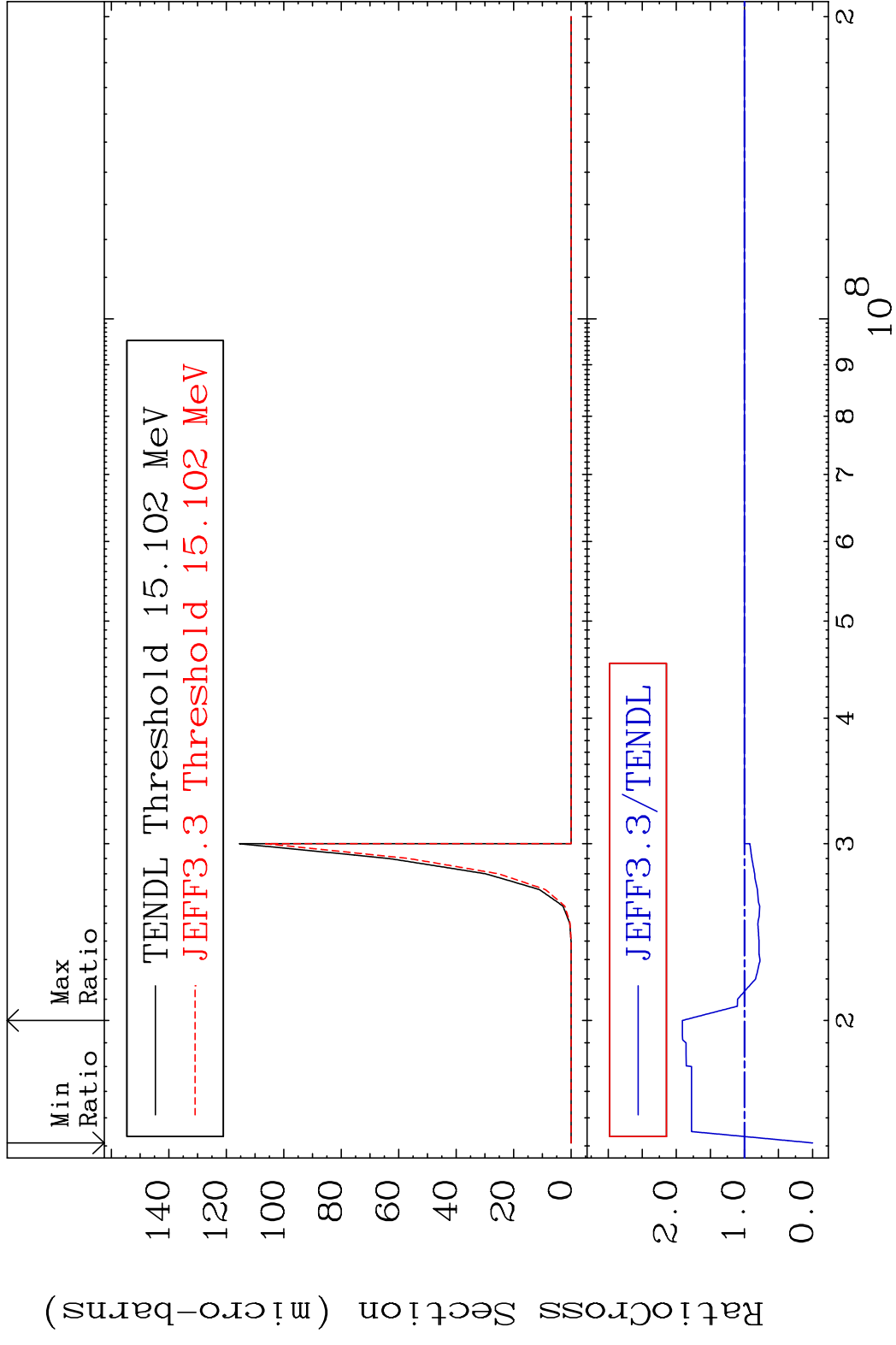


50

Incident Energy (eV)

<sup>34</sup>Se-82

MAT 3449 (n, He-3) 34-Se-82  
 Cross Section -100.0 To 91.17 %

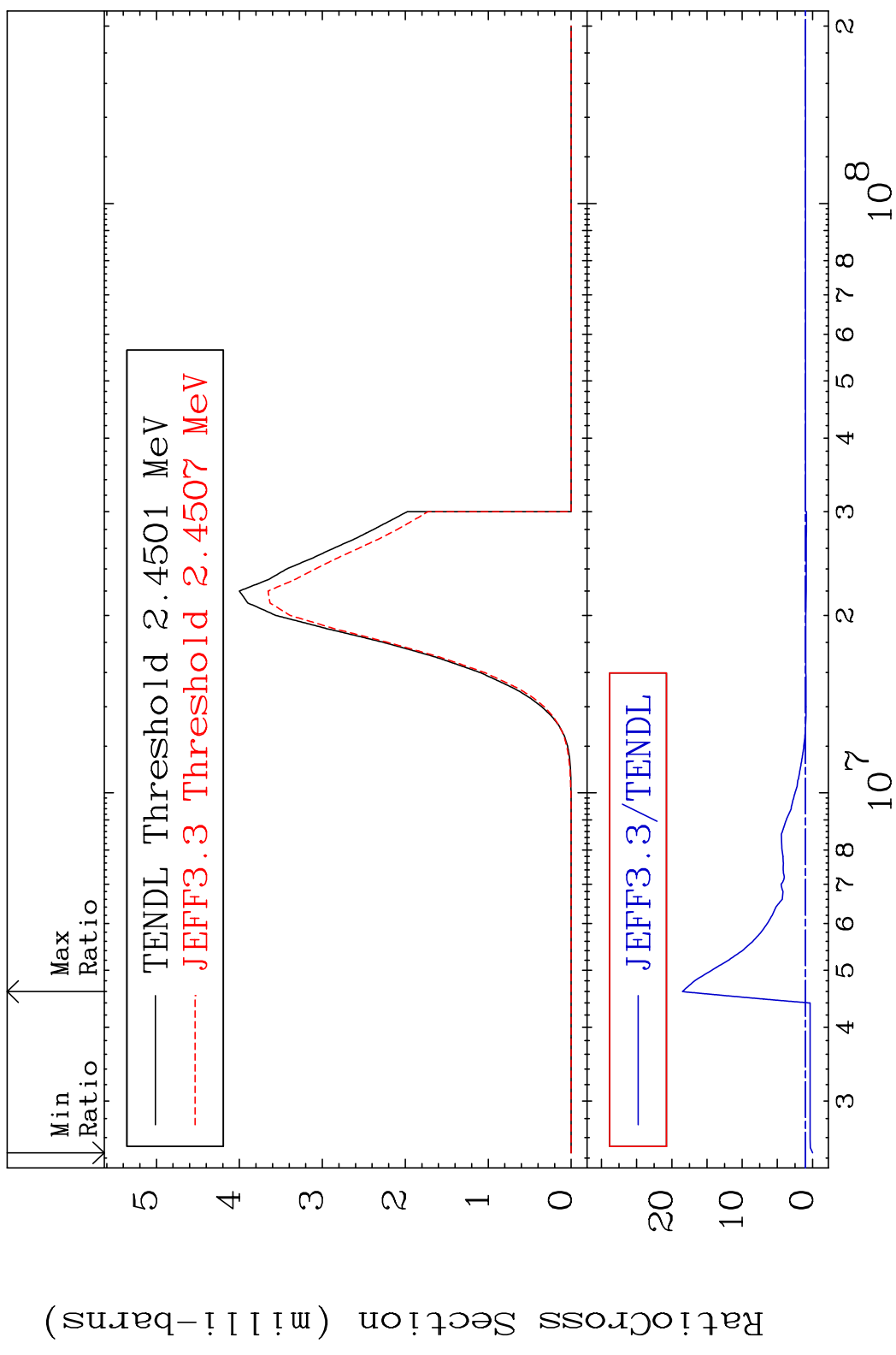


MAT 3449

(n,  $\alpha$ )

34-Se-82

Cross Section -100.0 To 1750. %

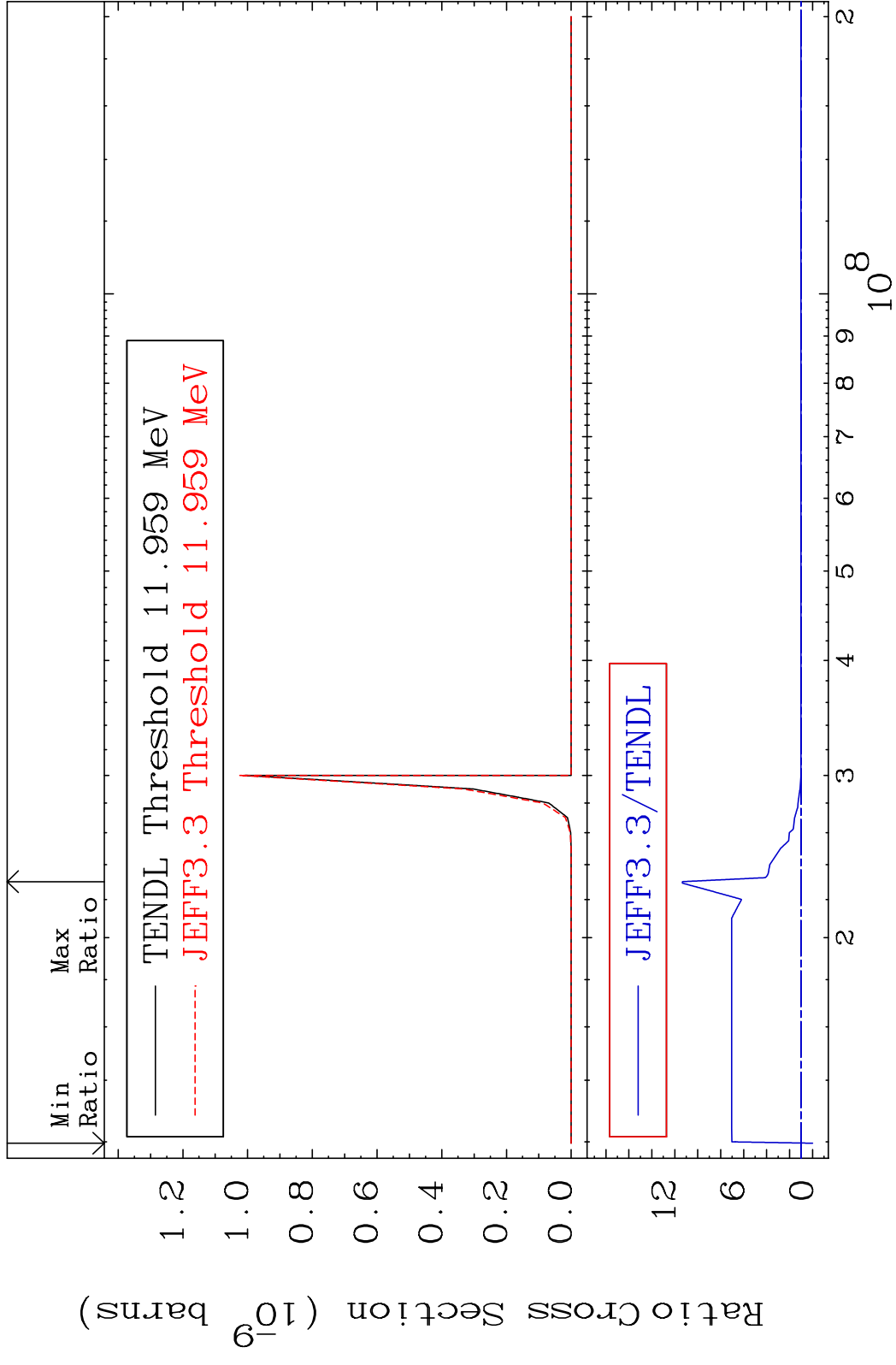


MAT 3449

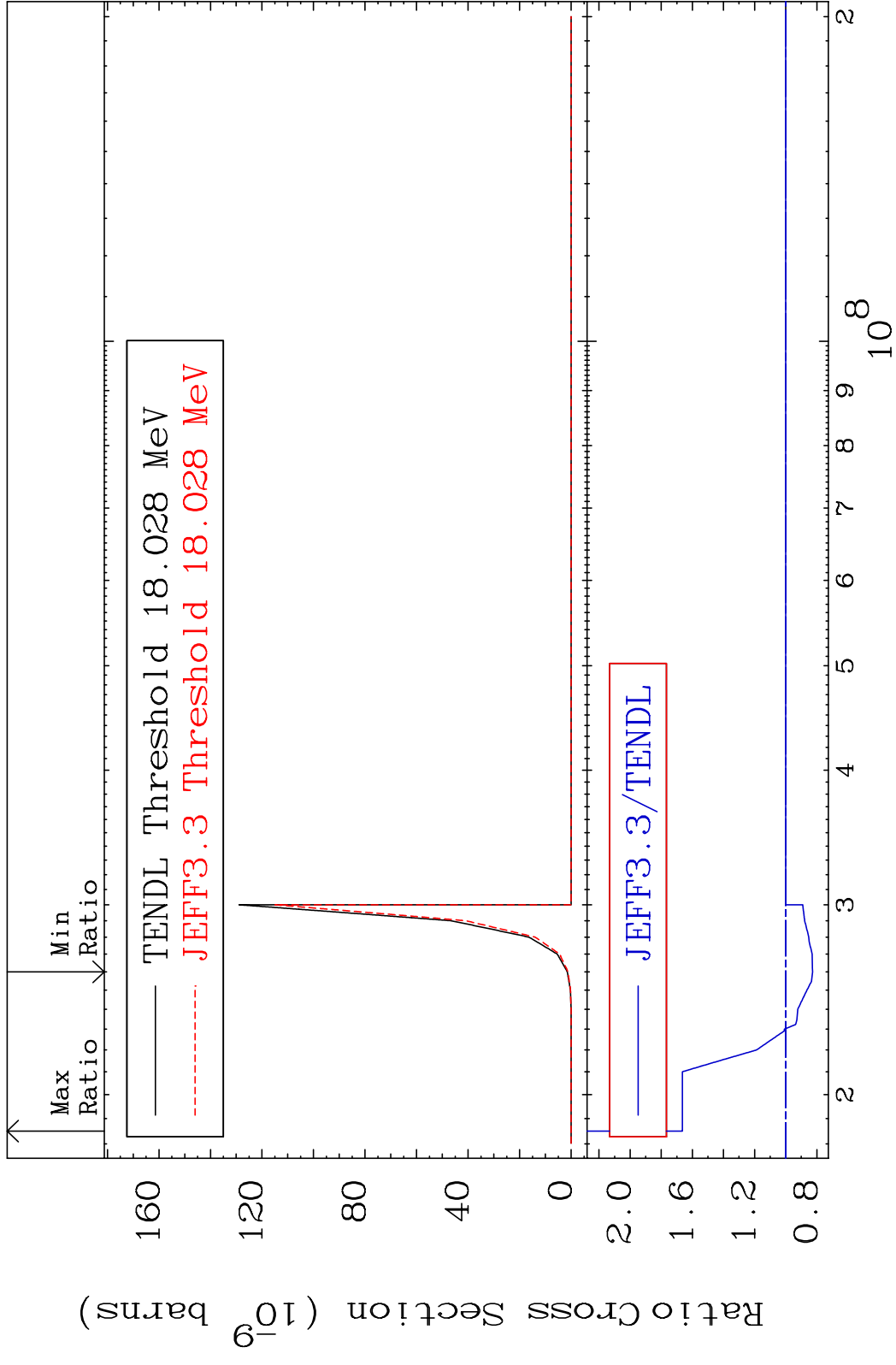
(n,2α)

34-Se-82

Cross Section -100.0 To 1034. %



Cross Section -17.23 To 66.43 %

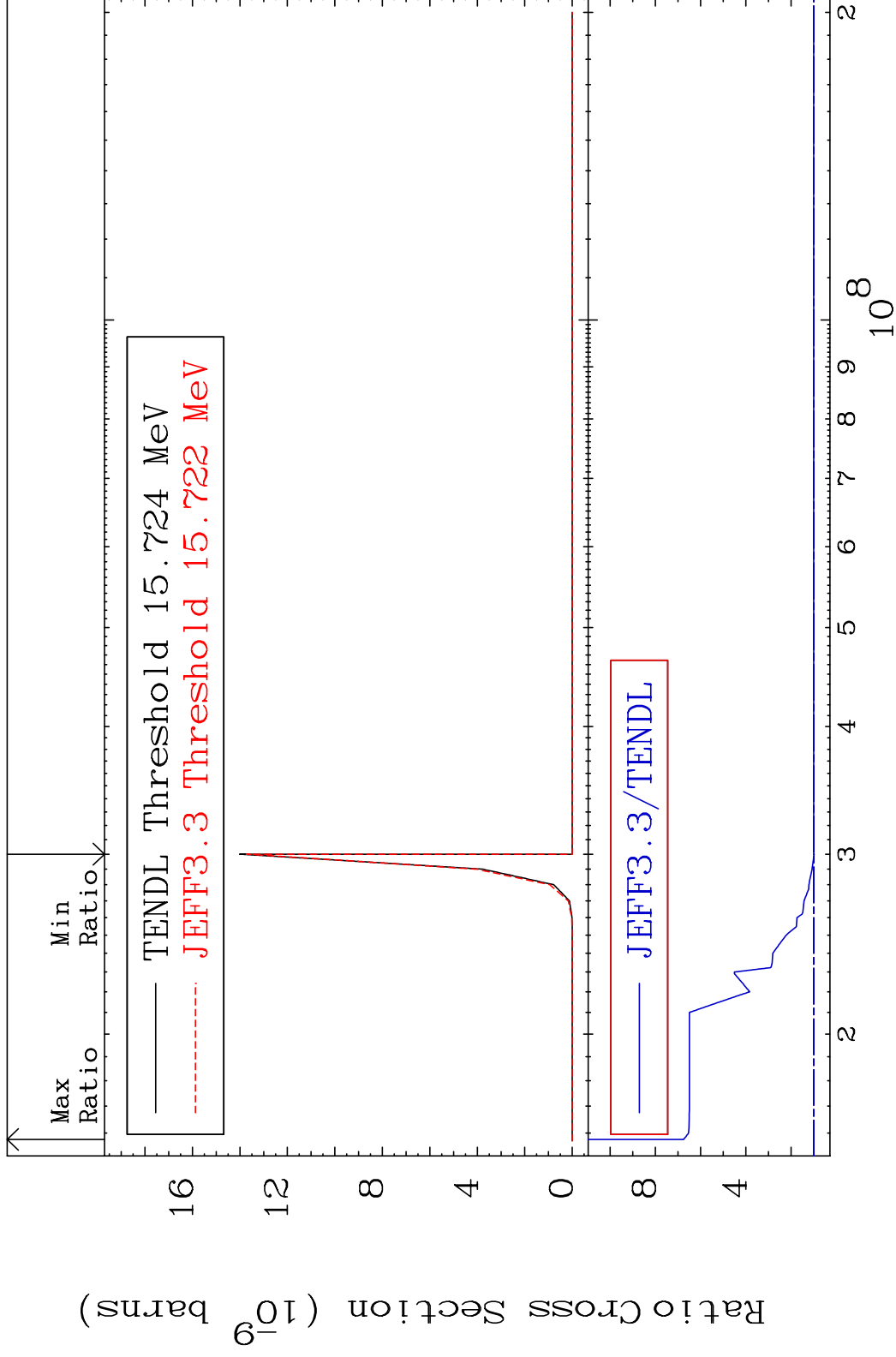


MAT 3449

(n,p)  $\alpha$

34-Se-82

Cross Section -1.985 To 574.7 %



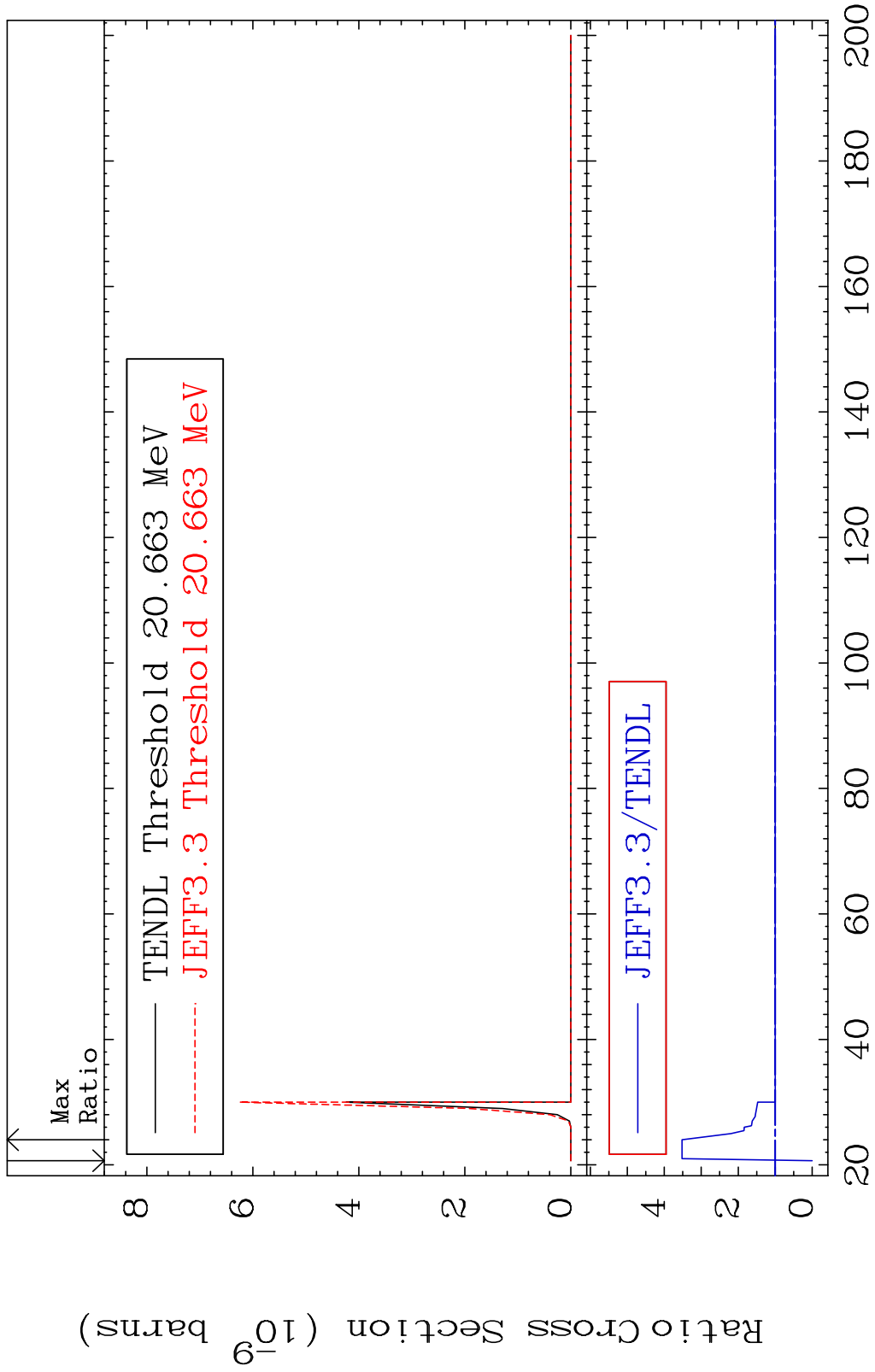
55

Incident Energy (eV)

34-Se-82



MAT 3449 (n,p) d 34-Se-82  
 Cross Section -100.0 To 252.2 %

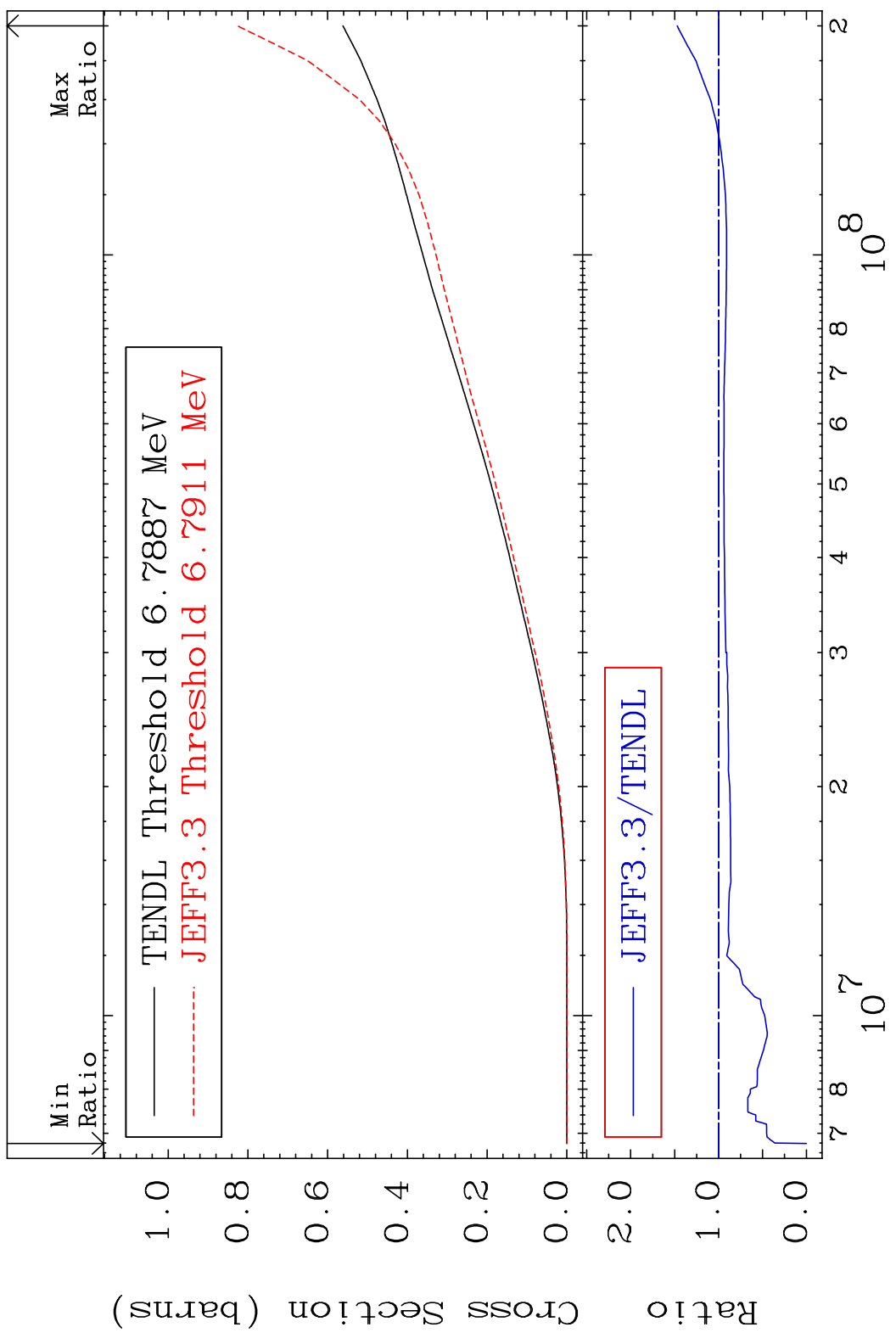


MAT 3449

Hydrogen Production

<sup>34</sup>Se-82

Cross Section -100.0 To 47.09 %

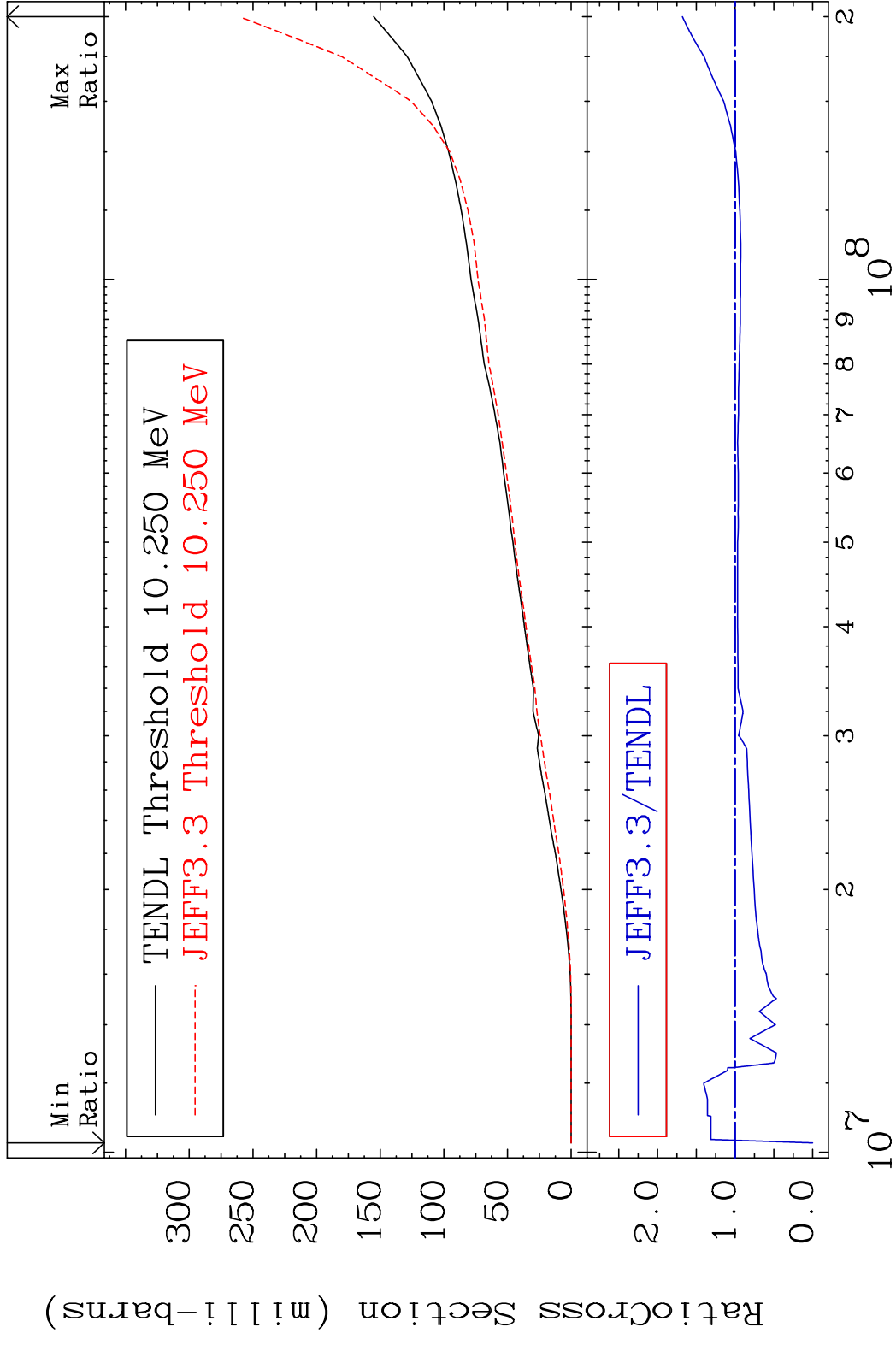


MAT 3449

Deuterium Production

34-Se-82

Cross Section -100.0 To 68.05 %



58

Incident Energy (eV)

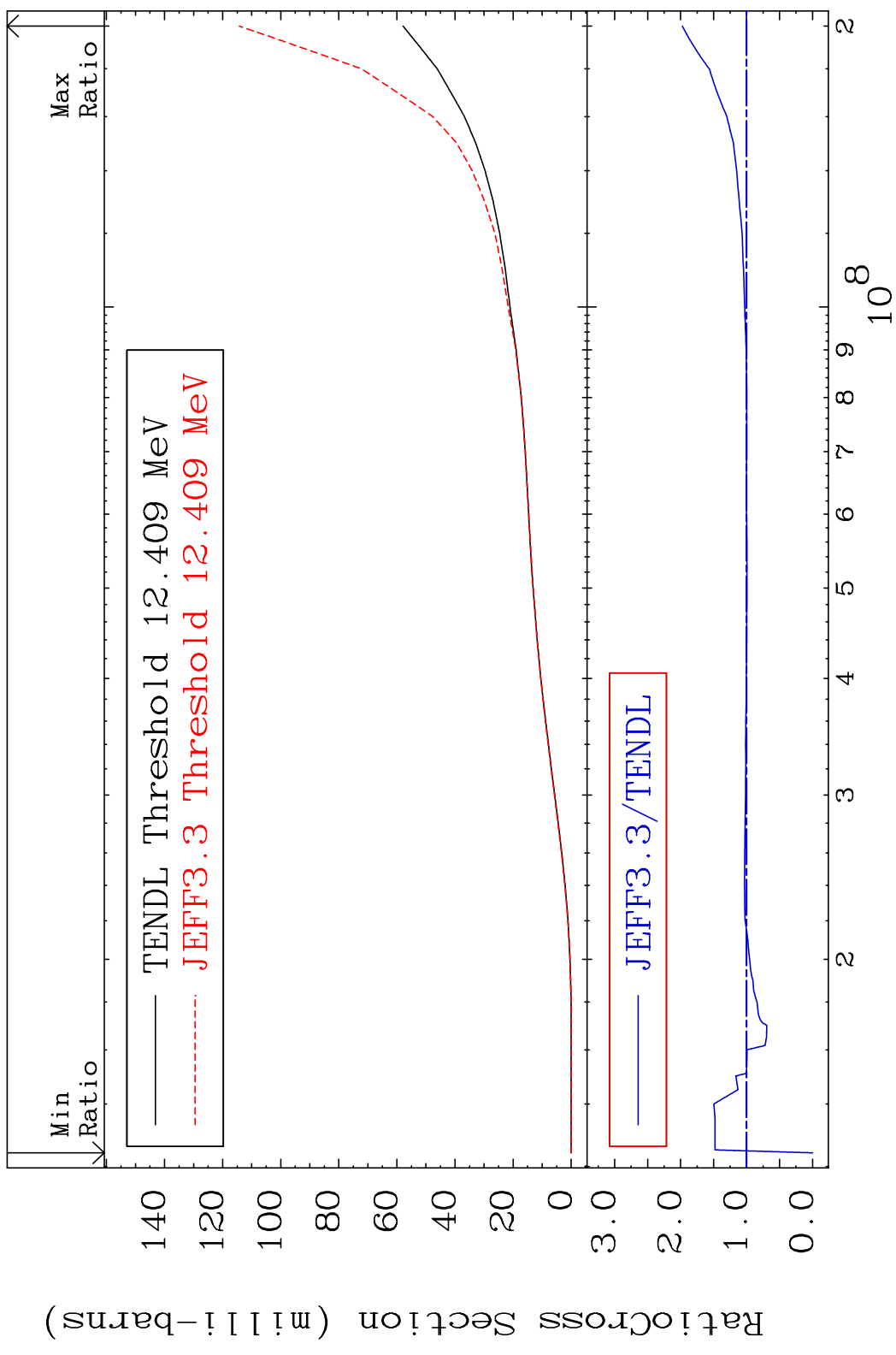
34-Se-82

MAT 3449

Tritium Production

34-Se-82

Cross Section -100.0 To 97.35 %

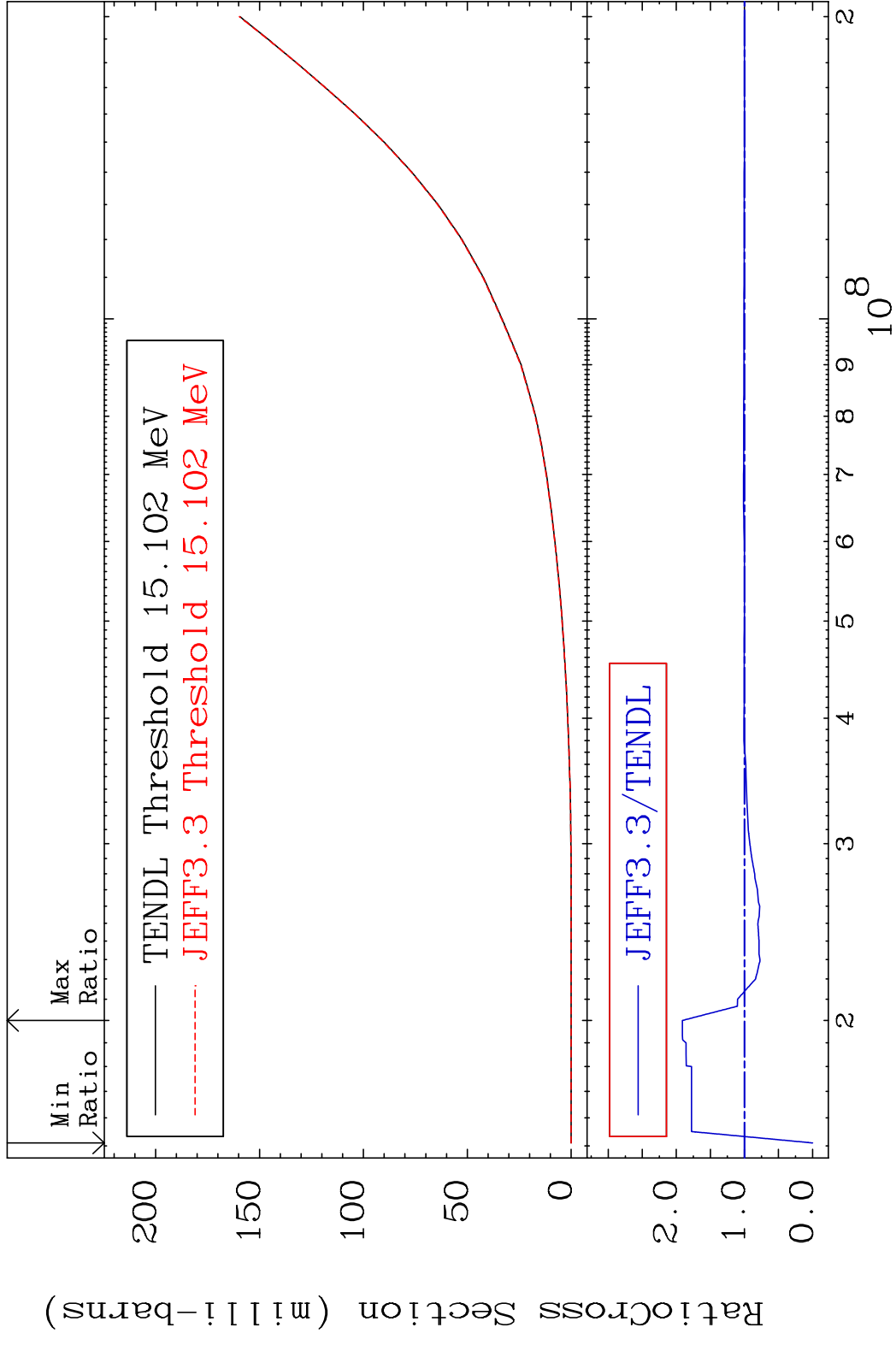


MAT 3449

He-3 Production

34-Se-82

Cross Section -100.0 To 91.17 %



60

Incident Energy (eV)

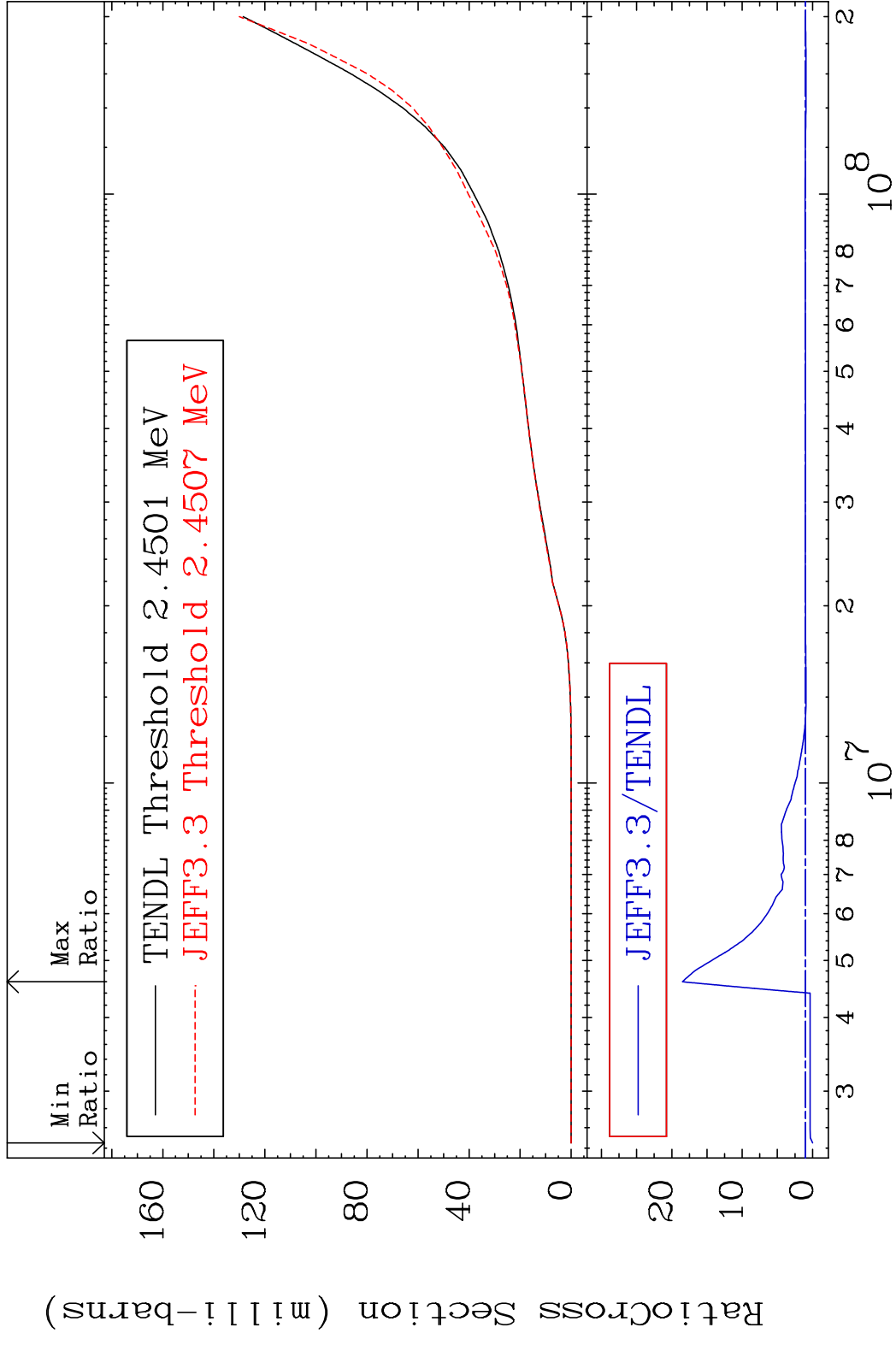
34-Se-82

MAT 3449

He-4 Production

34-Se-82

Cross Section -100.0 To 1750. %

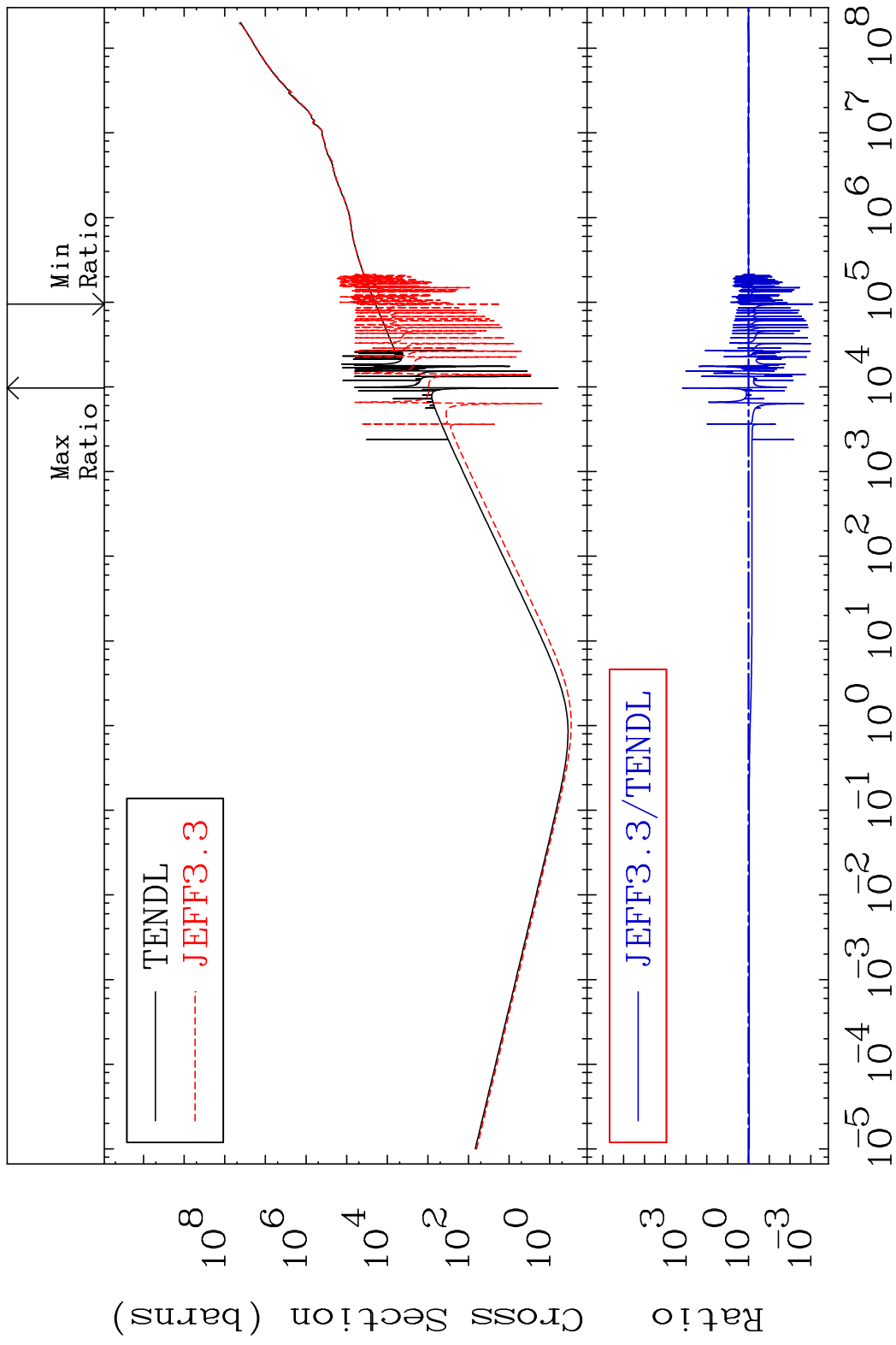


61

Incident Energy (eV)

34-Se-82

MAT 3449 Kerma total (eV-barns) 34-Se-82  
 Cross Section -99.92 To 9999. %

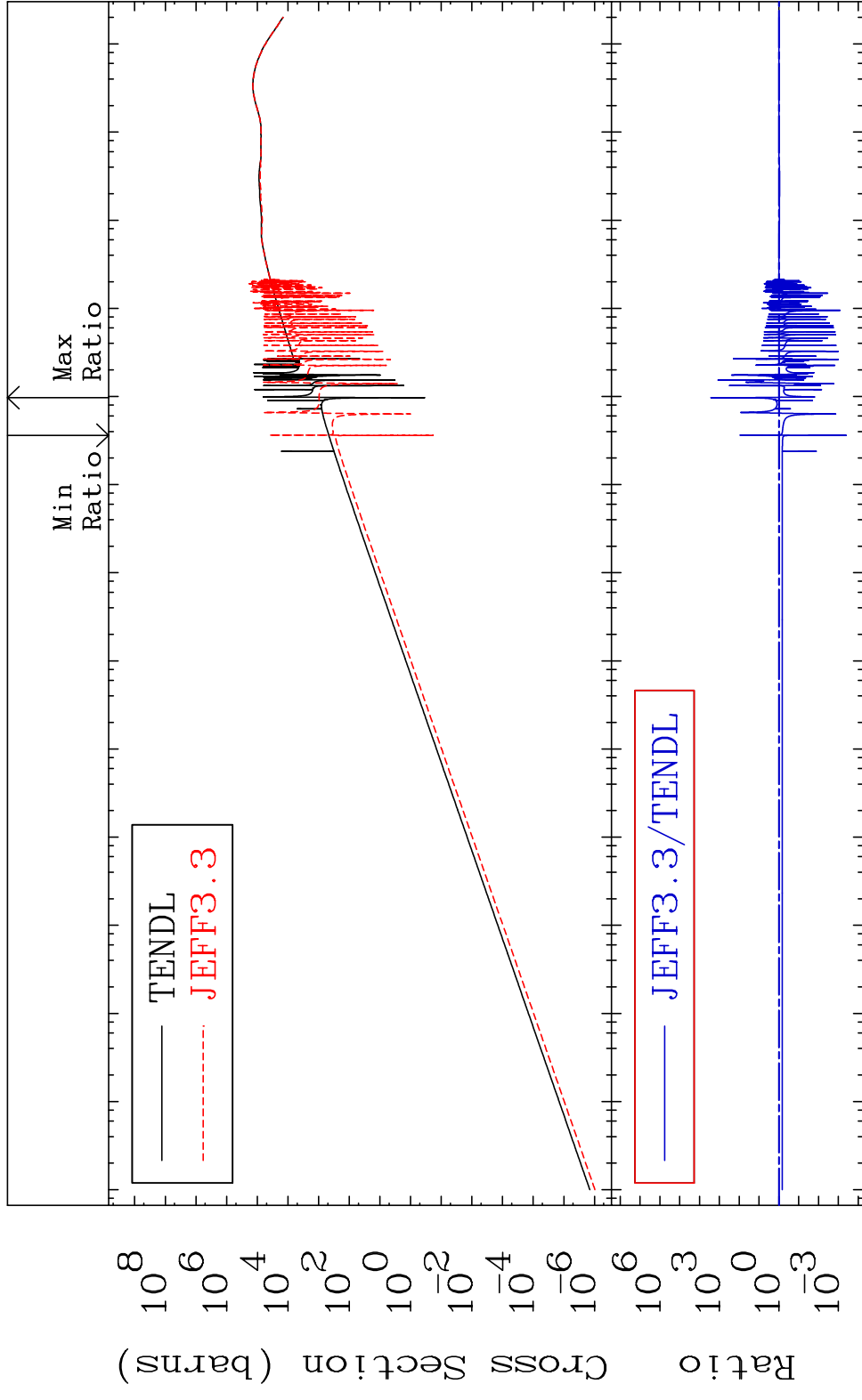


62 Incident Energy (eV) 34-Se-82

MAT 3449

Kerma elastic  
Cross Section

34-Se-82  
-99.96 To 9999. %



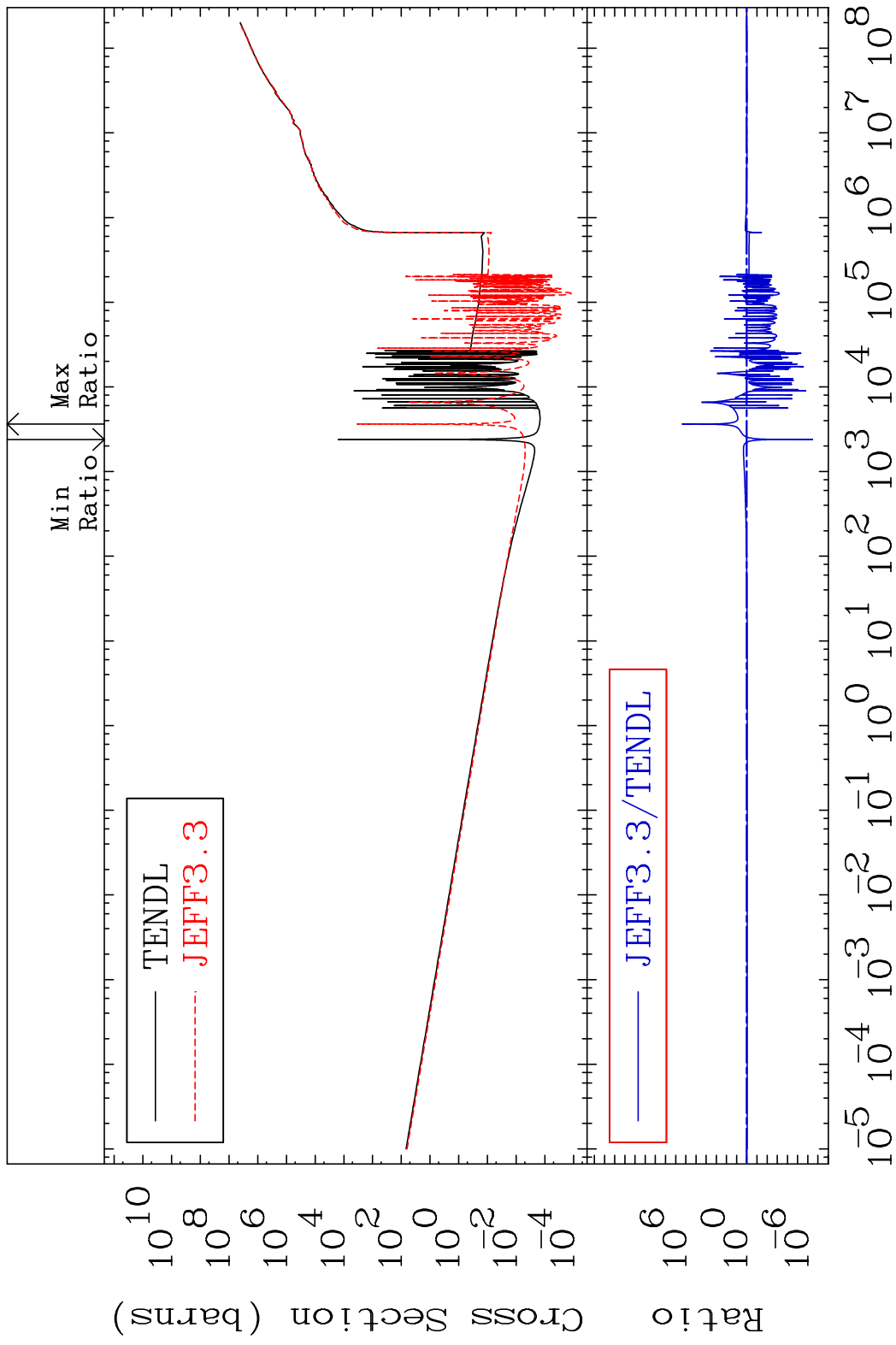
63

Incident Energy (eV)

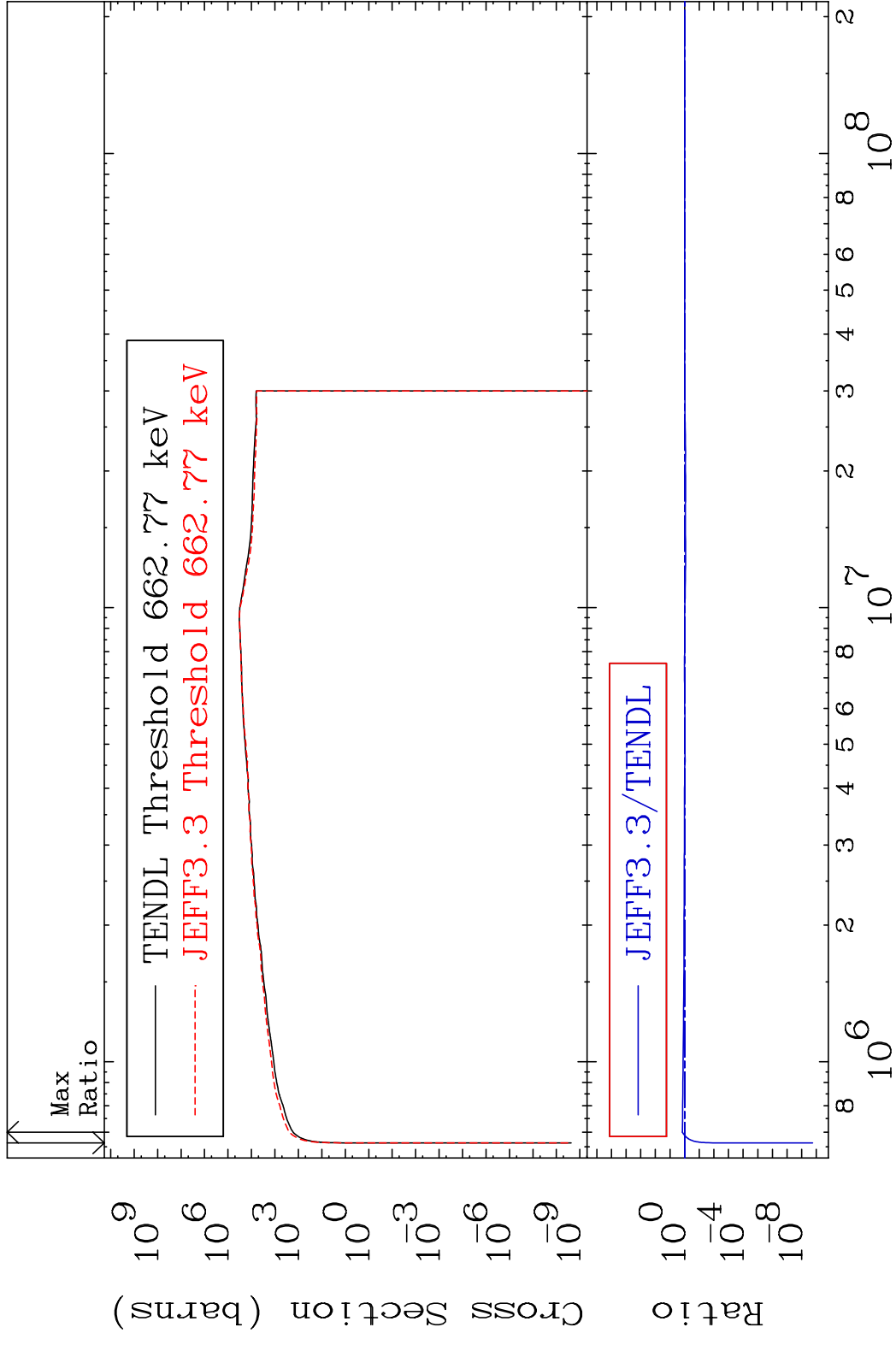
34-Se-82



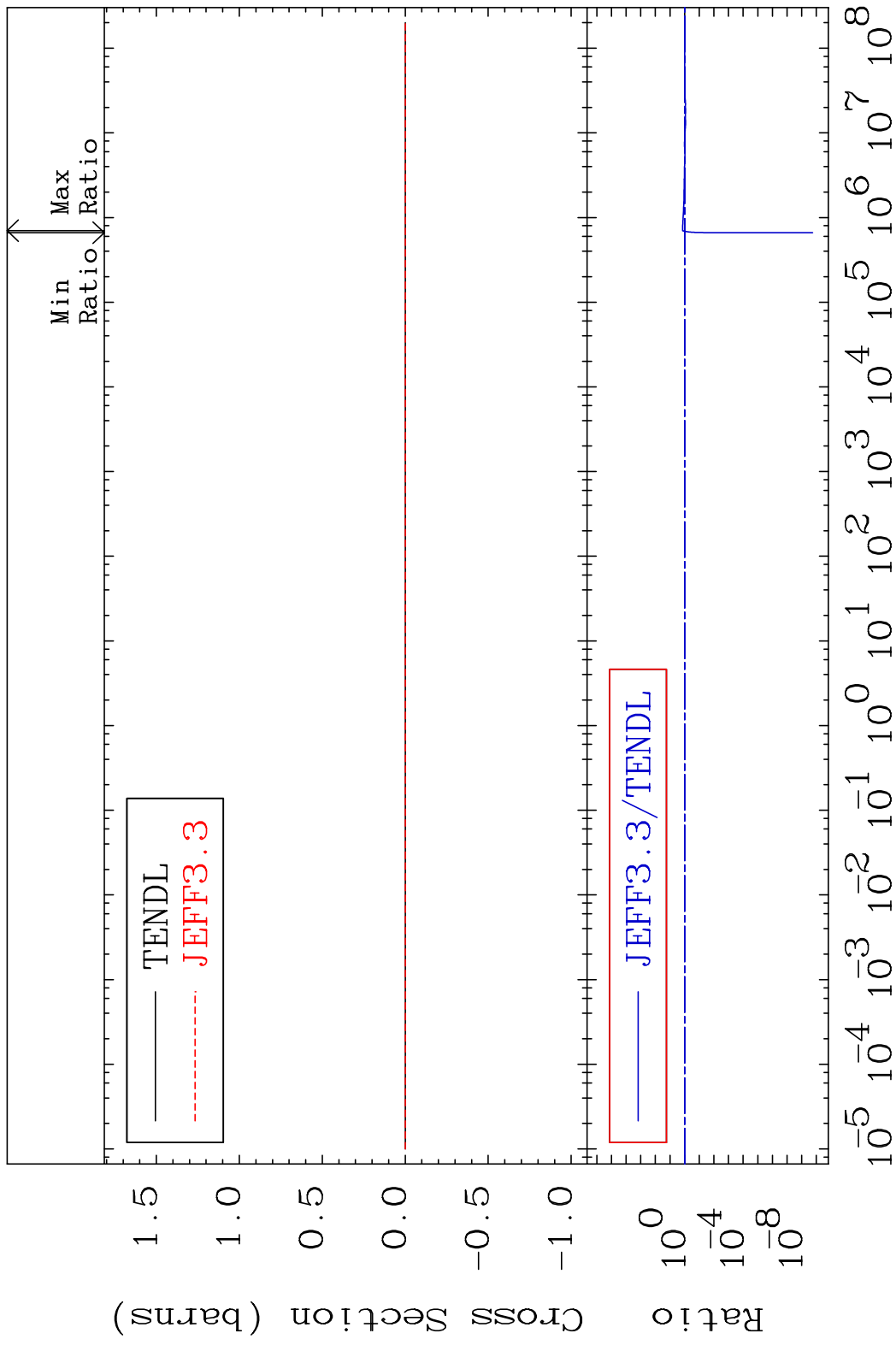
MAT 3449 Kerma non-elastic (all but mt2) 34-Se-82  
 Cross Section -100.0 To 9999. %



MAT 3449 Kerma inelastic (mt51-91) 34-Se-82  
 Cross Section -100.0 To 42.34 %

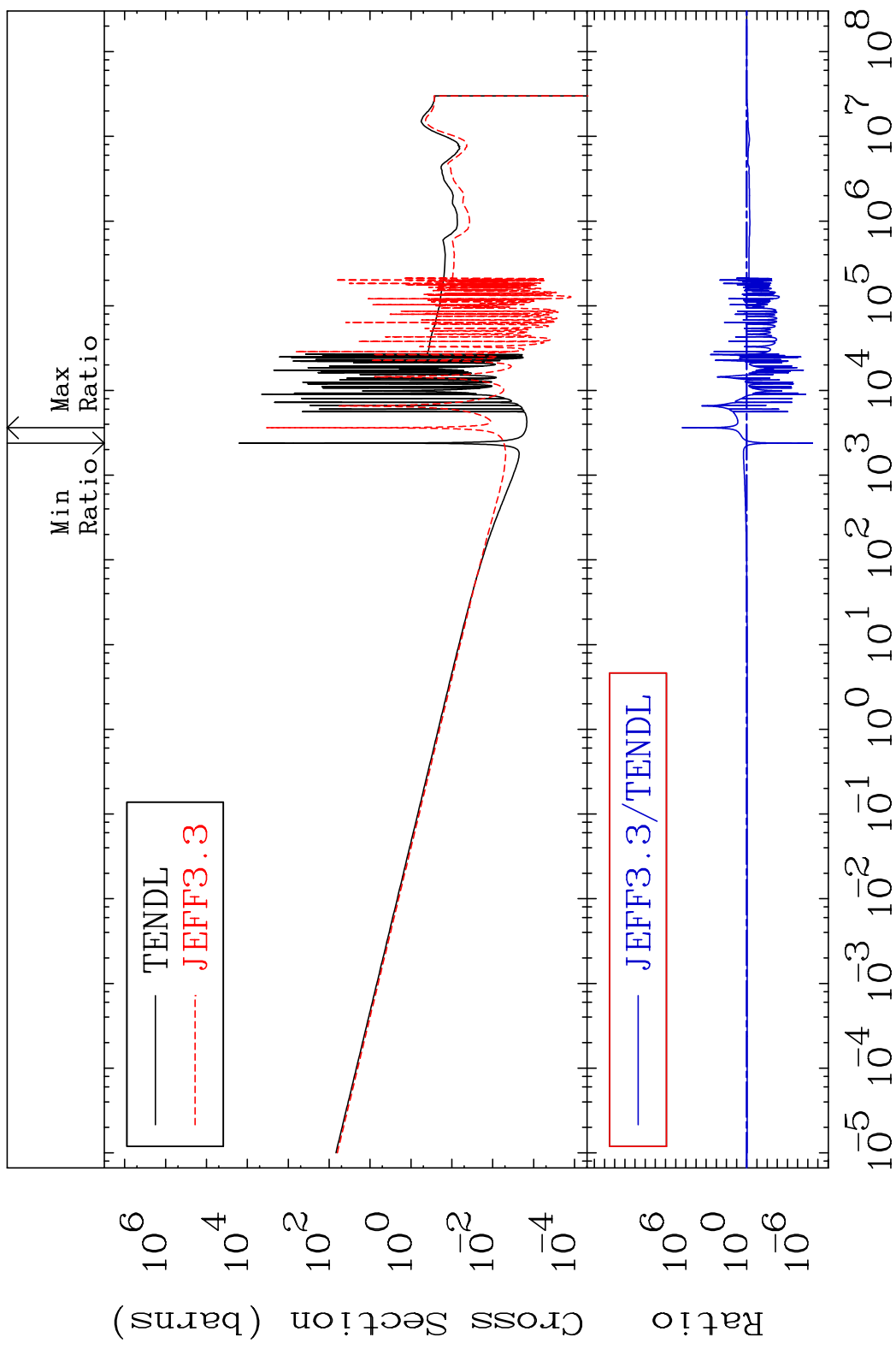


MAT 3449 Kerma fission (mt18 or mt19-20-21-38) 34-Se-82  
 Cross Section -100.0 To 42.34 %



MAT 3449

Kerma capture (mt102) 34-Se-82  
Cross Section -100.0 To 9999. %

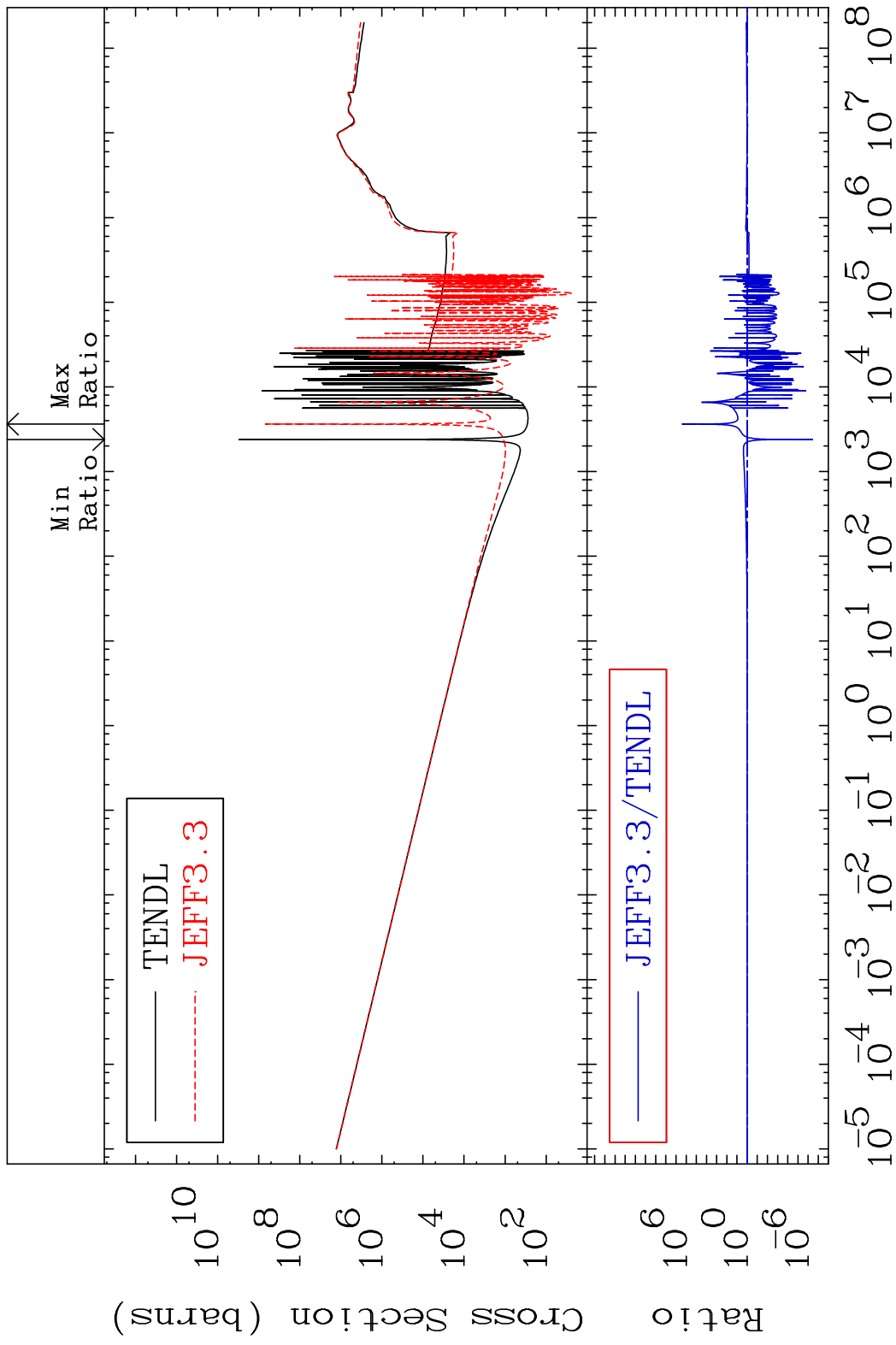


67

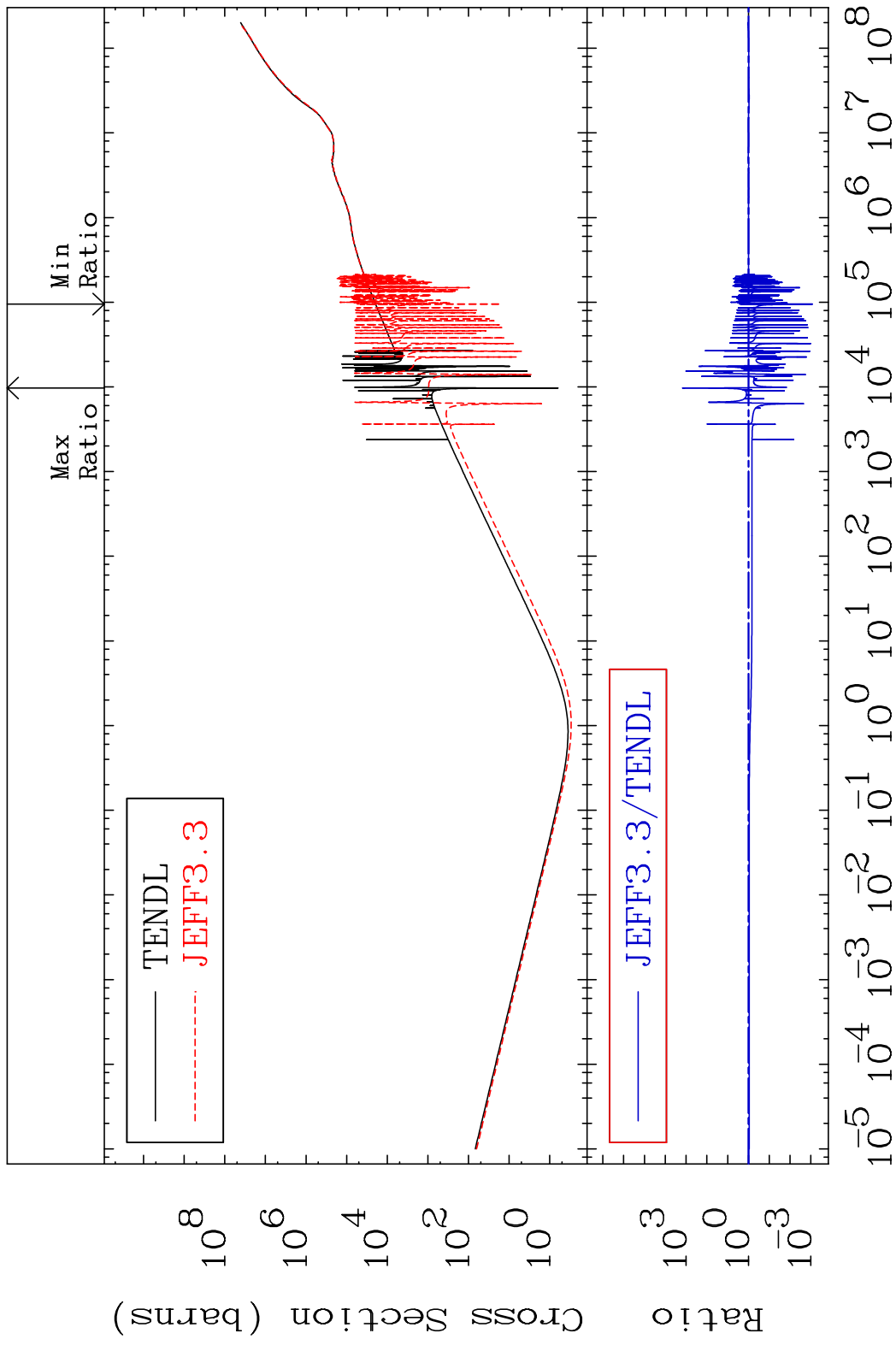
Incident Energy (eV)

34-Se-82

MAT 3449 Total photon (eV-barns) 34-Se-82  
 Cross Section -100.0 To 9999. %



MAT 3449 Total kinematic kerma (high limit) 34-Se-82  
 Cross Section -99.92 To 9999. %

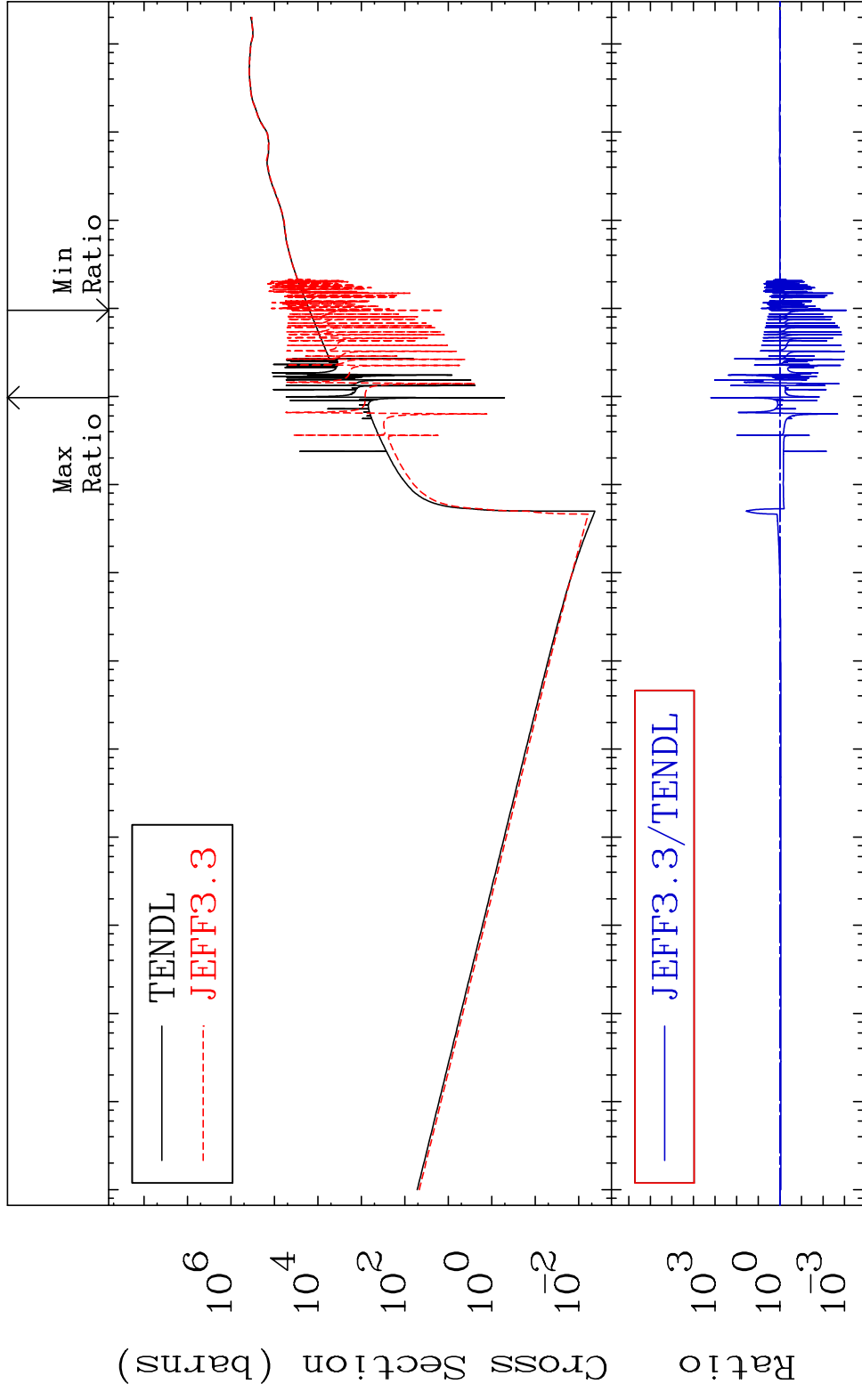


MAT 3449

Dpa total (eV-barns)

34-Se-82

Cross Section -99.92 To 9999. %



70

Incident Energy (eV)

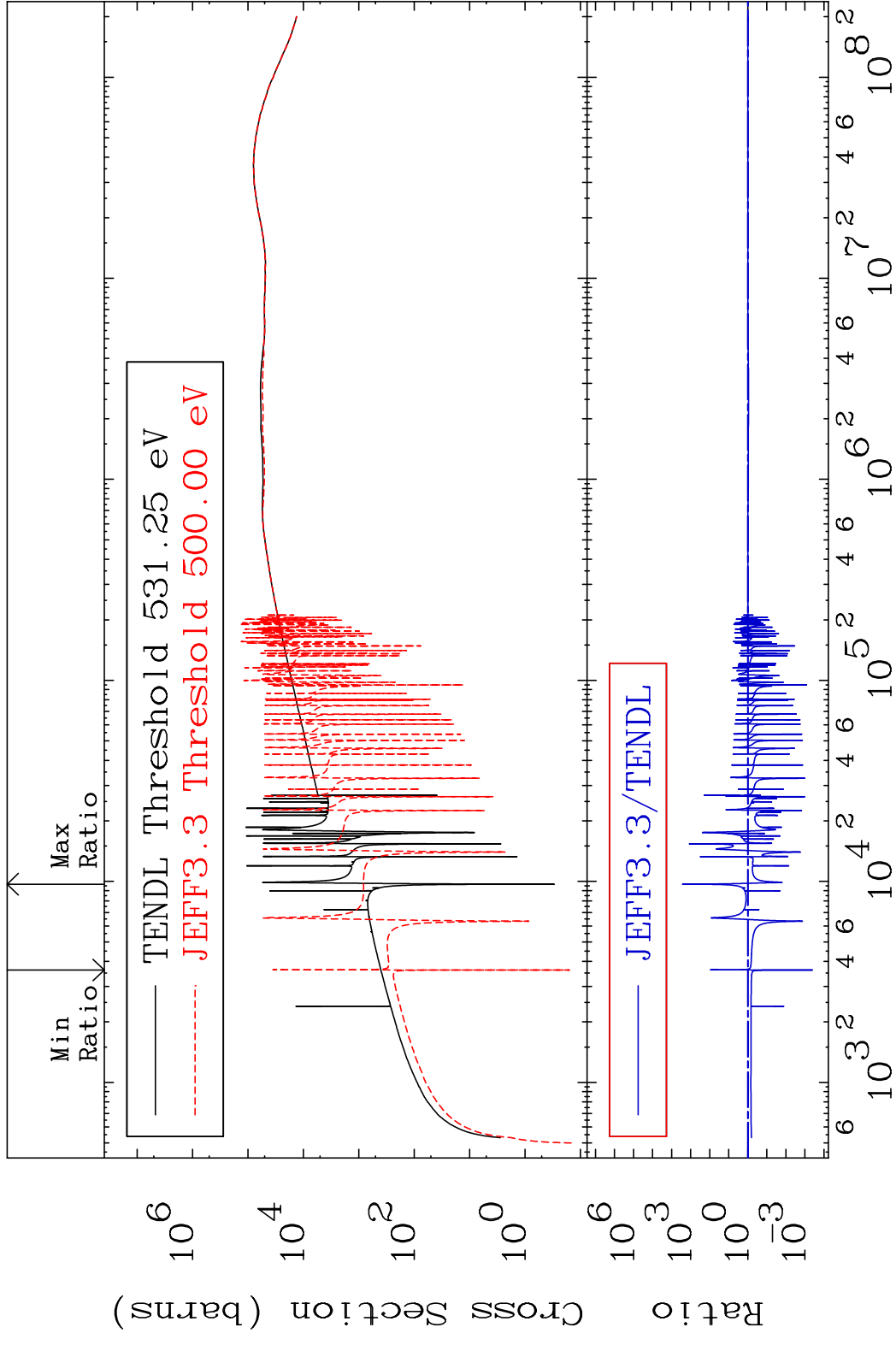
34-Se-82

MAT 3449

Dpa elastic (mt2)

34-Se-82

Cross Section -99.96 To 9999. %



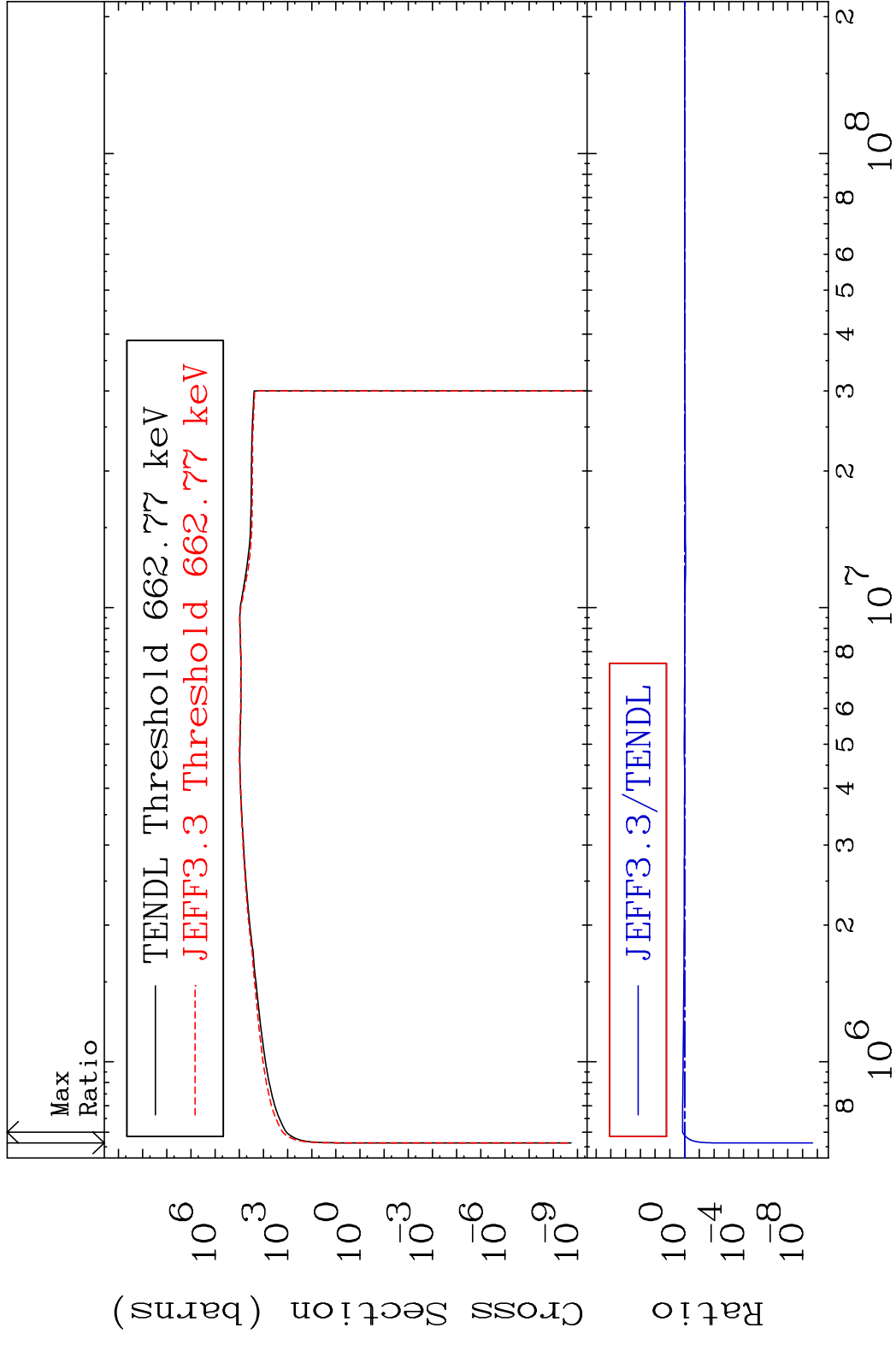
71

Incident Energy (eV)

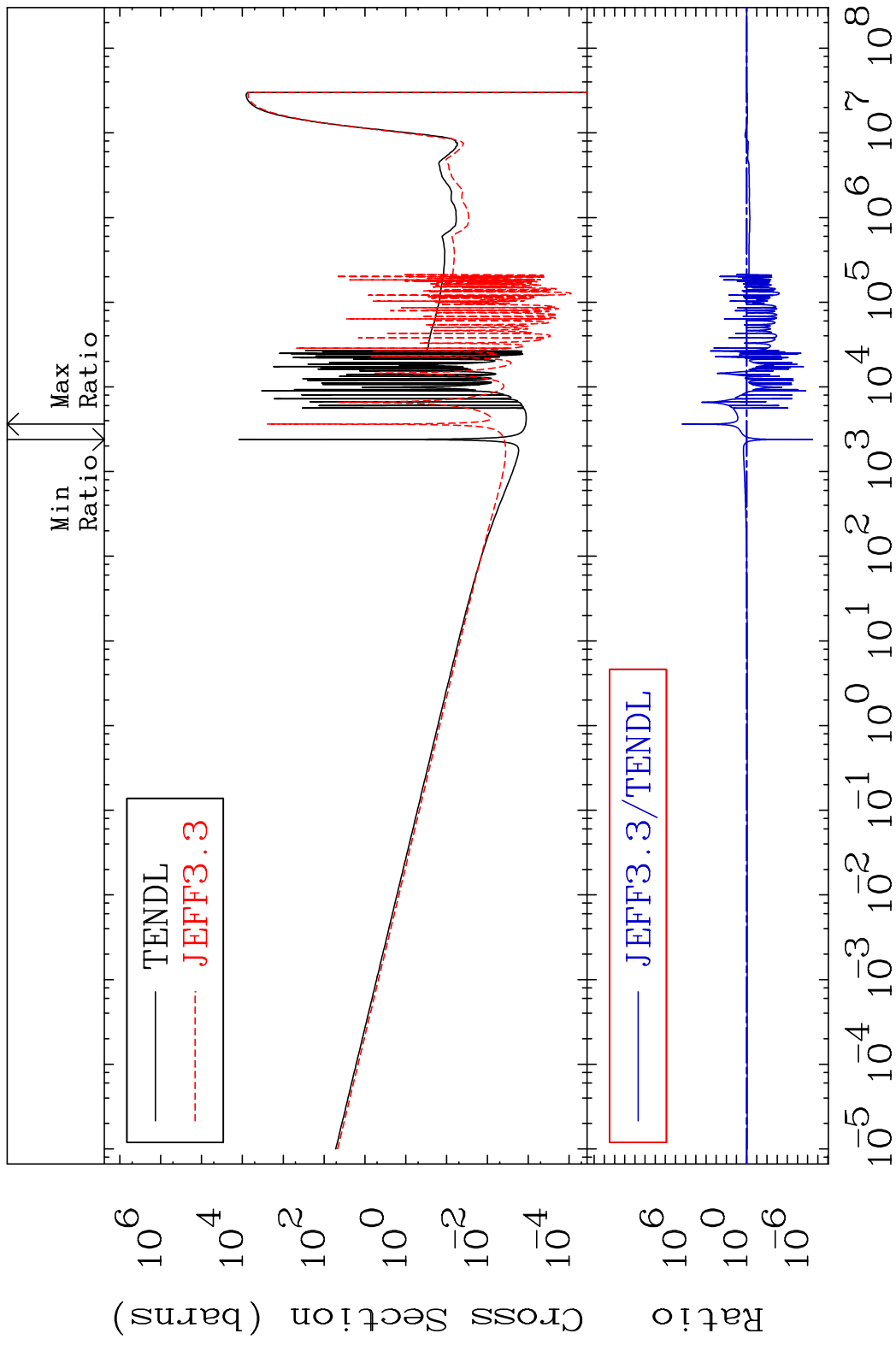
34-Se-82



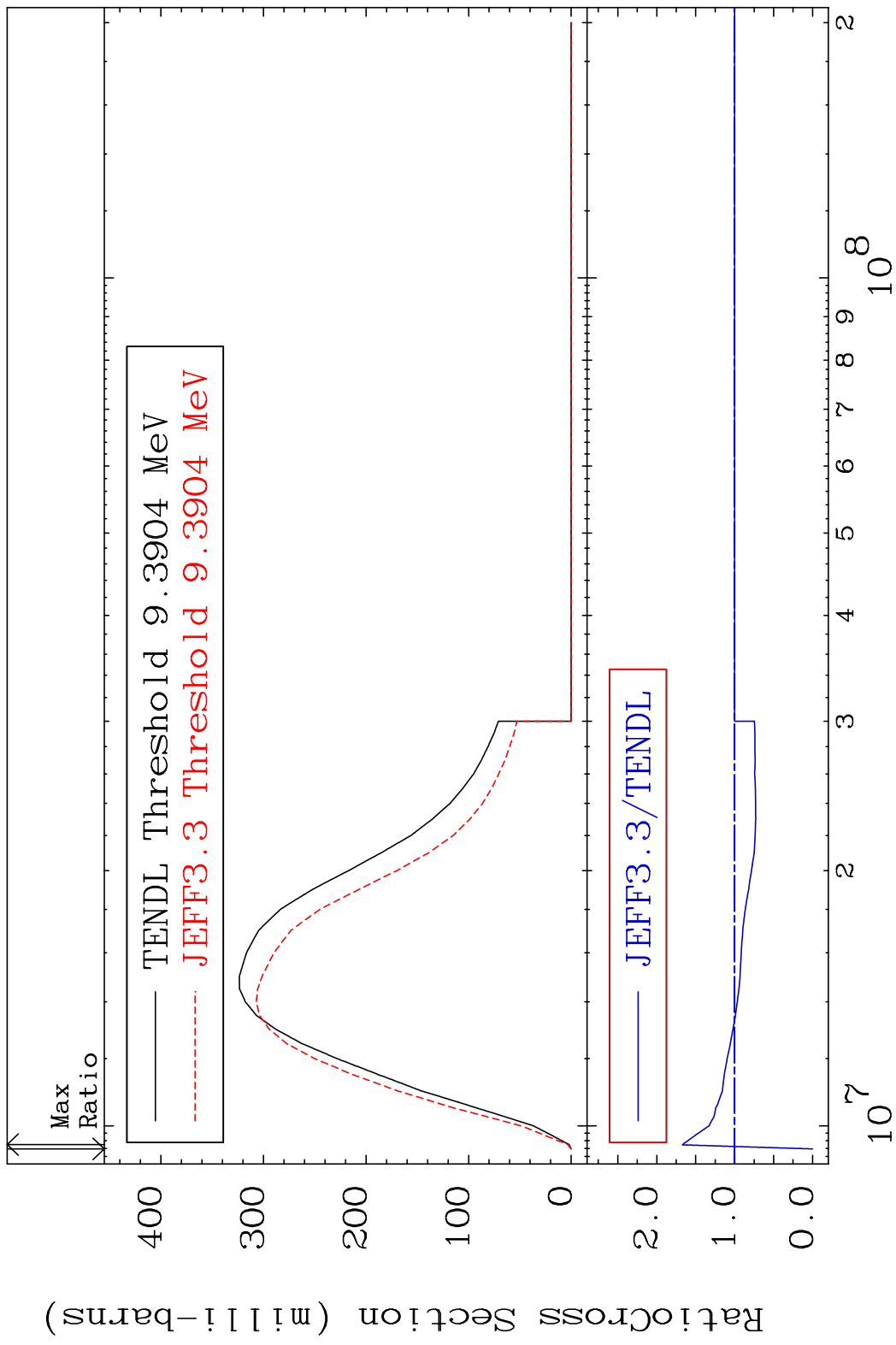
MAT 3449 Dpa inelastic (mt51-91) 34-Se-82  
 Cross Section -100.0 To 42.34 %



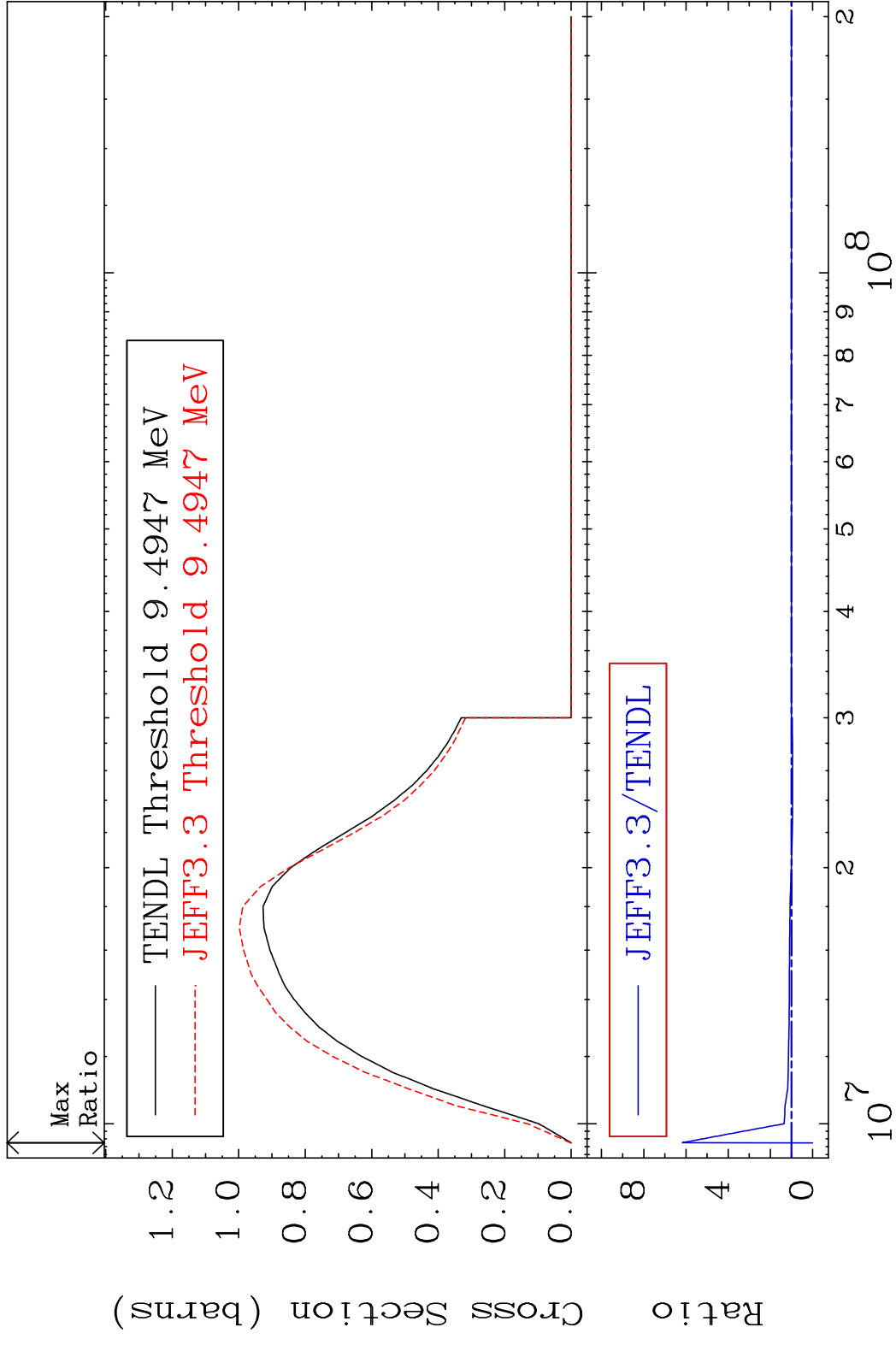
MAT 3449 Dpa disappearance (mt102 -120) 34-Se-82  
 Cross Section -100.0 To 9999. %



MAT 3449 (n,2n):34-Se-81g 34-Se-82  
 Radionuclide Production Cross Section 180.01 dth 67.15 %

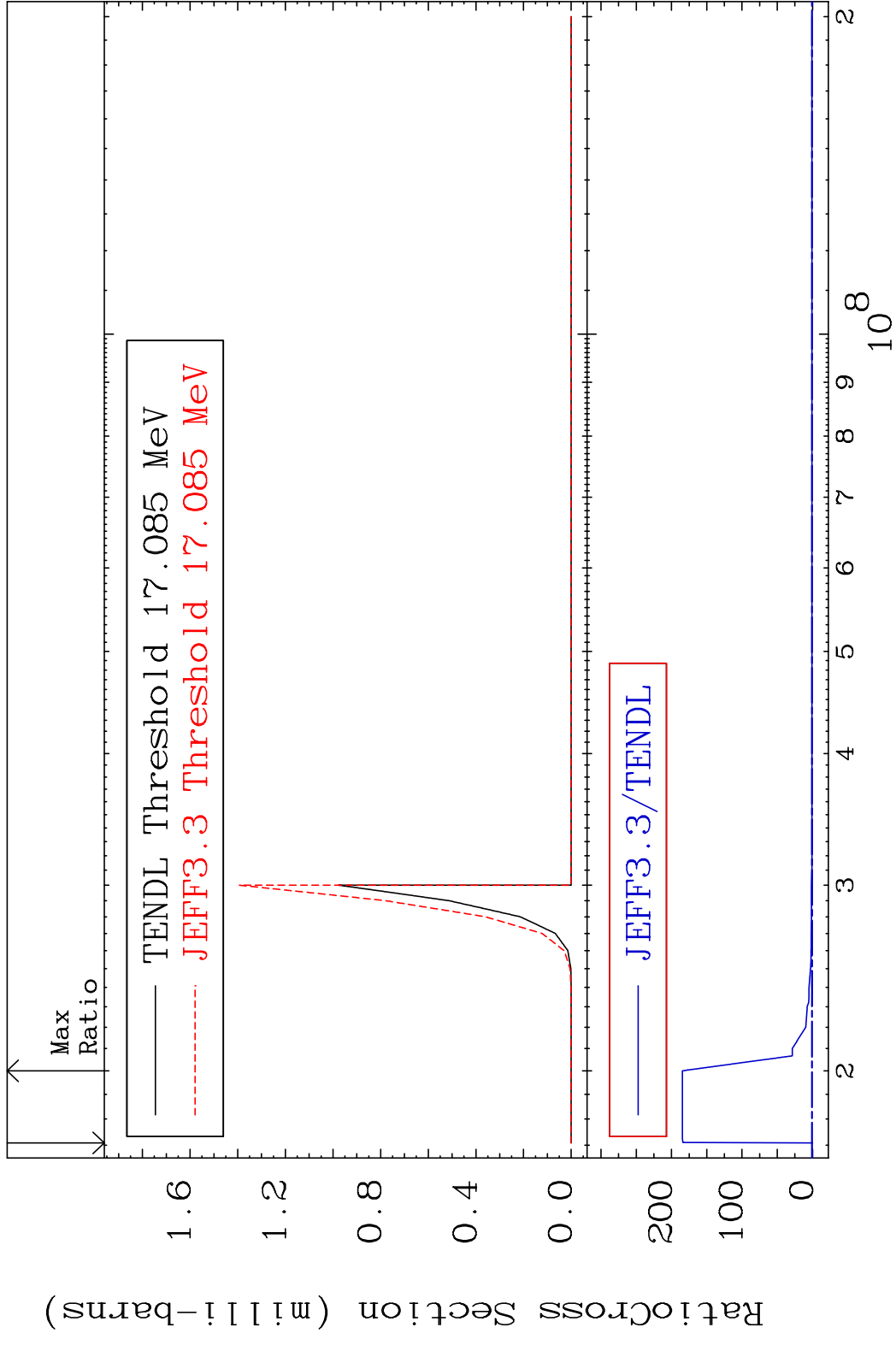


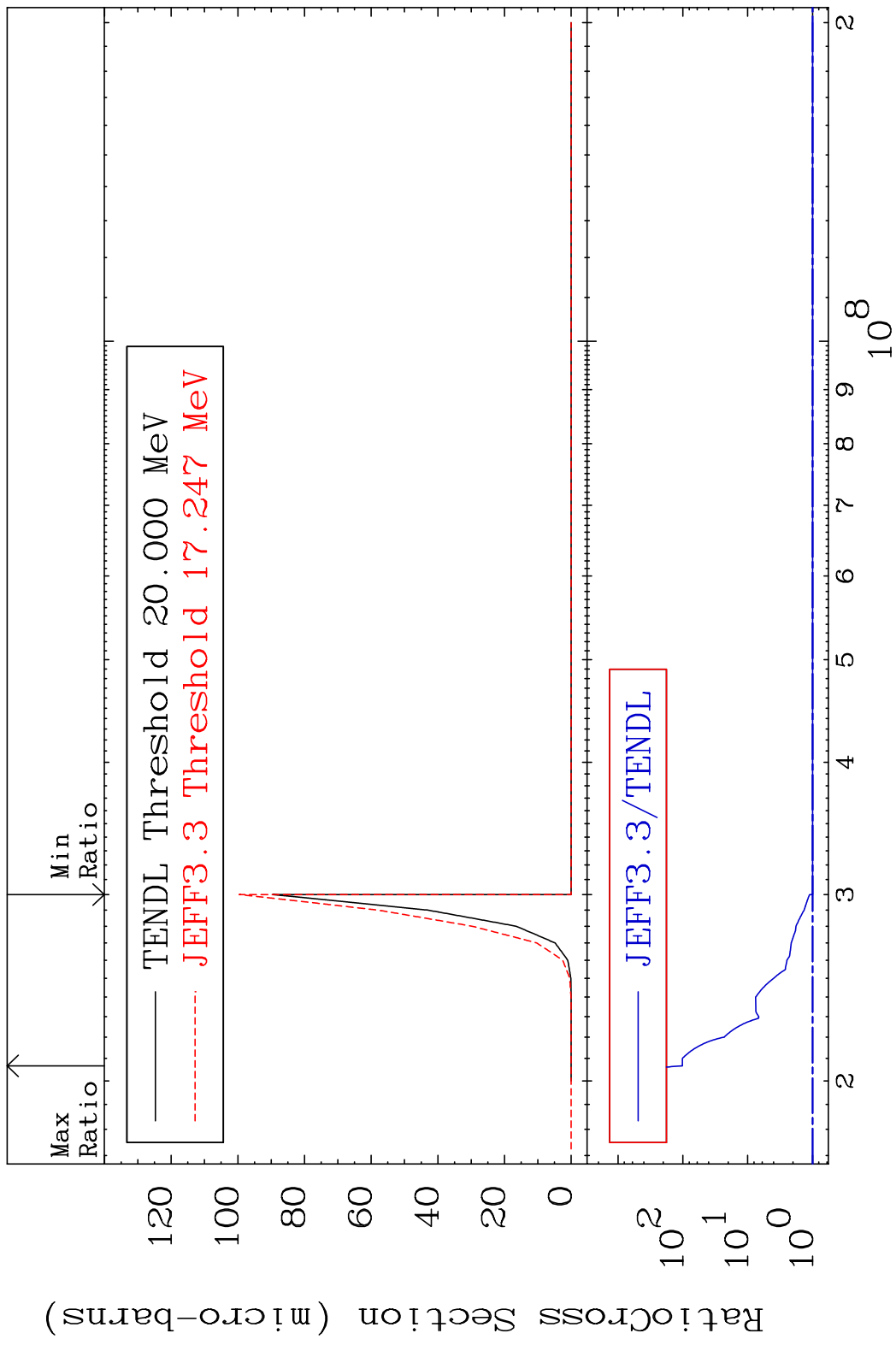
MAT 3449 (n,2n):34-Se-81m1 34-Se-82  
 Radionuclide Production Cross Section Ratio 517.0 %

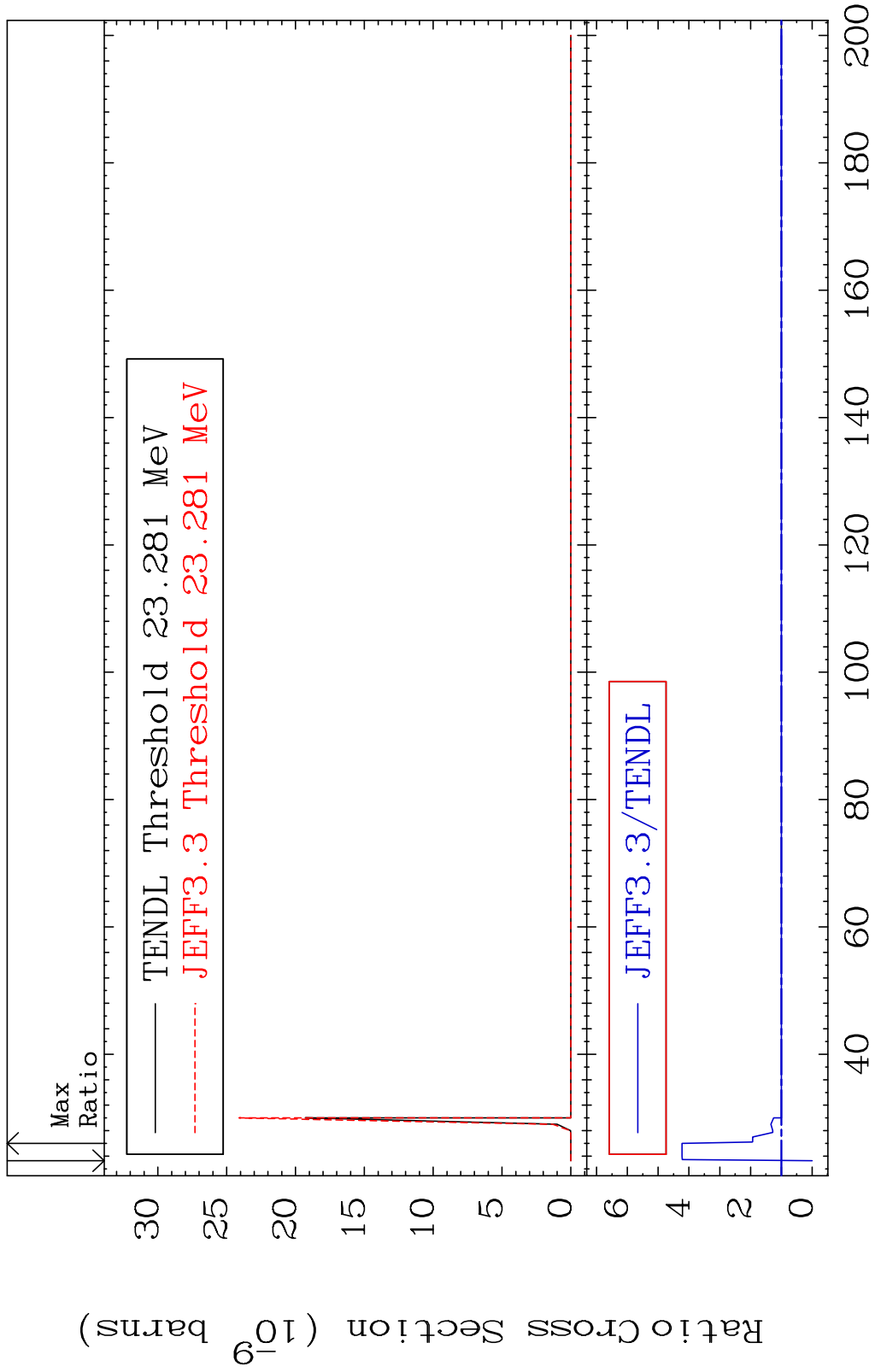


75 Incident Energy (eV) 34-Se-82

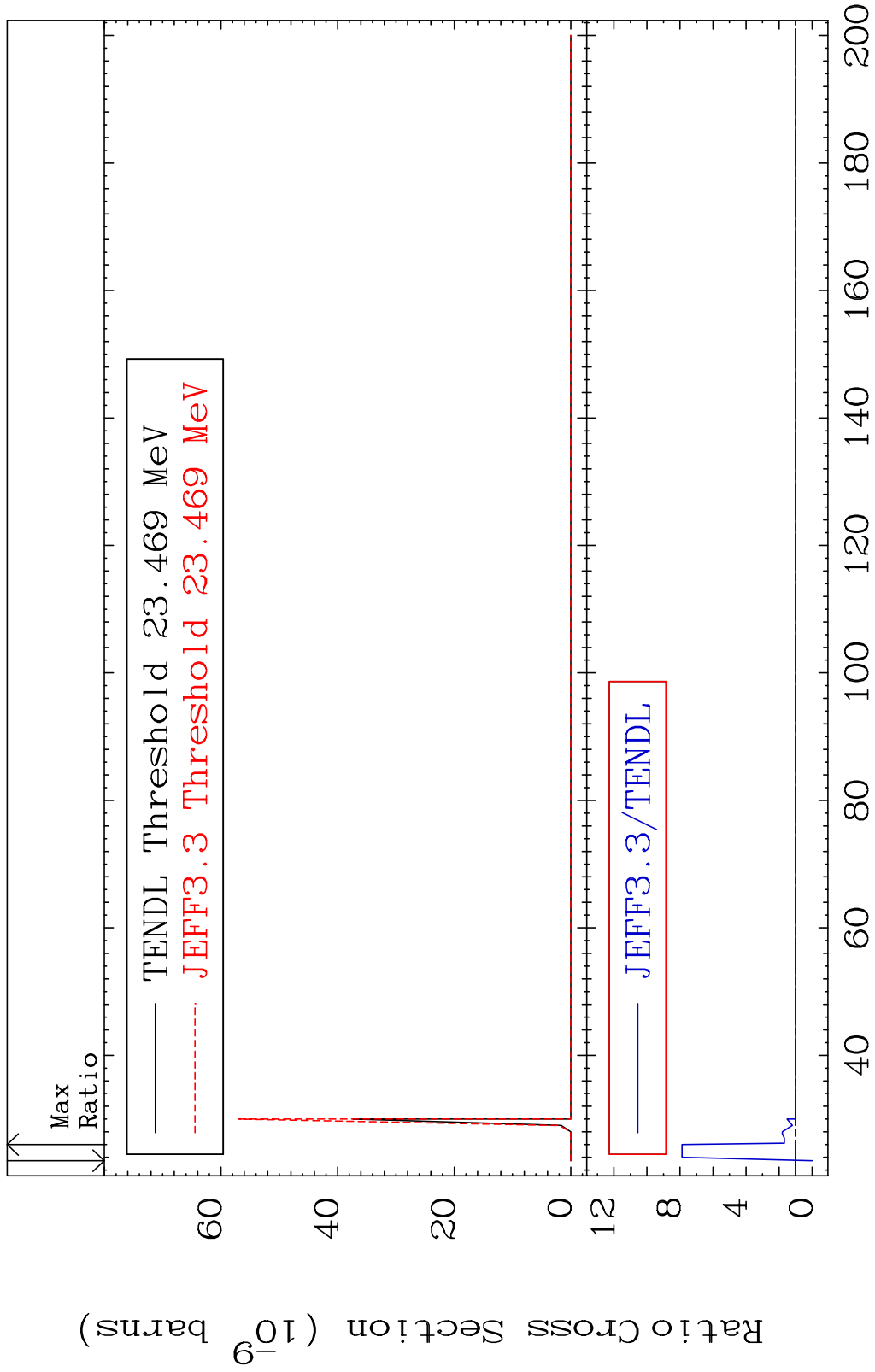
MAT 3449 (n,2n)  $\alpha$ :32-Ge-77g 34-Se-82  
 Radionuclide Production Cross Section (%) 9999. %





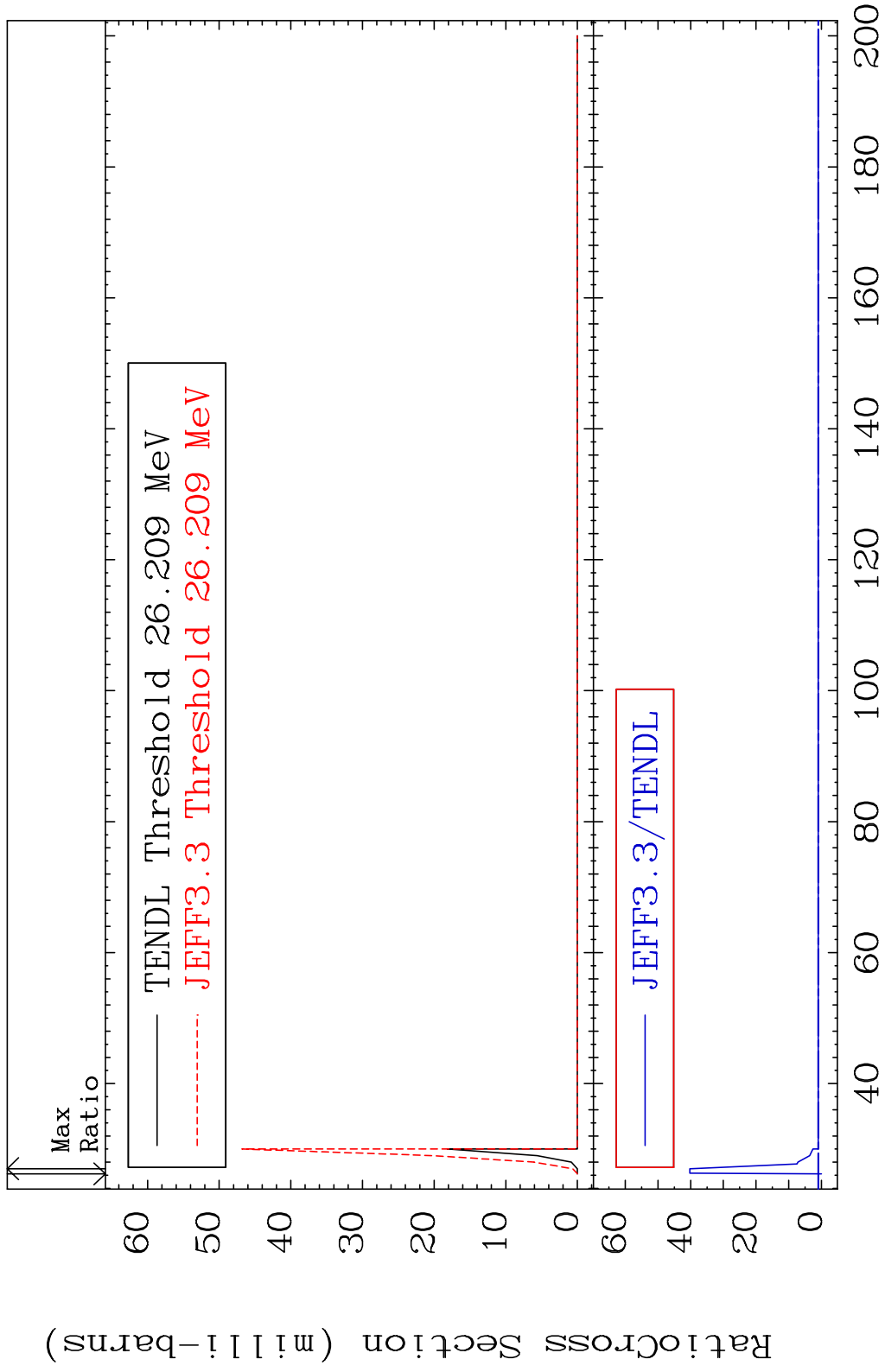


MAT 3449 (n, n') He-3:32-Ge-79m1 34-Se-82  
 Radionuclide Production Cross Section Ratio 687.9 %



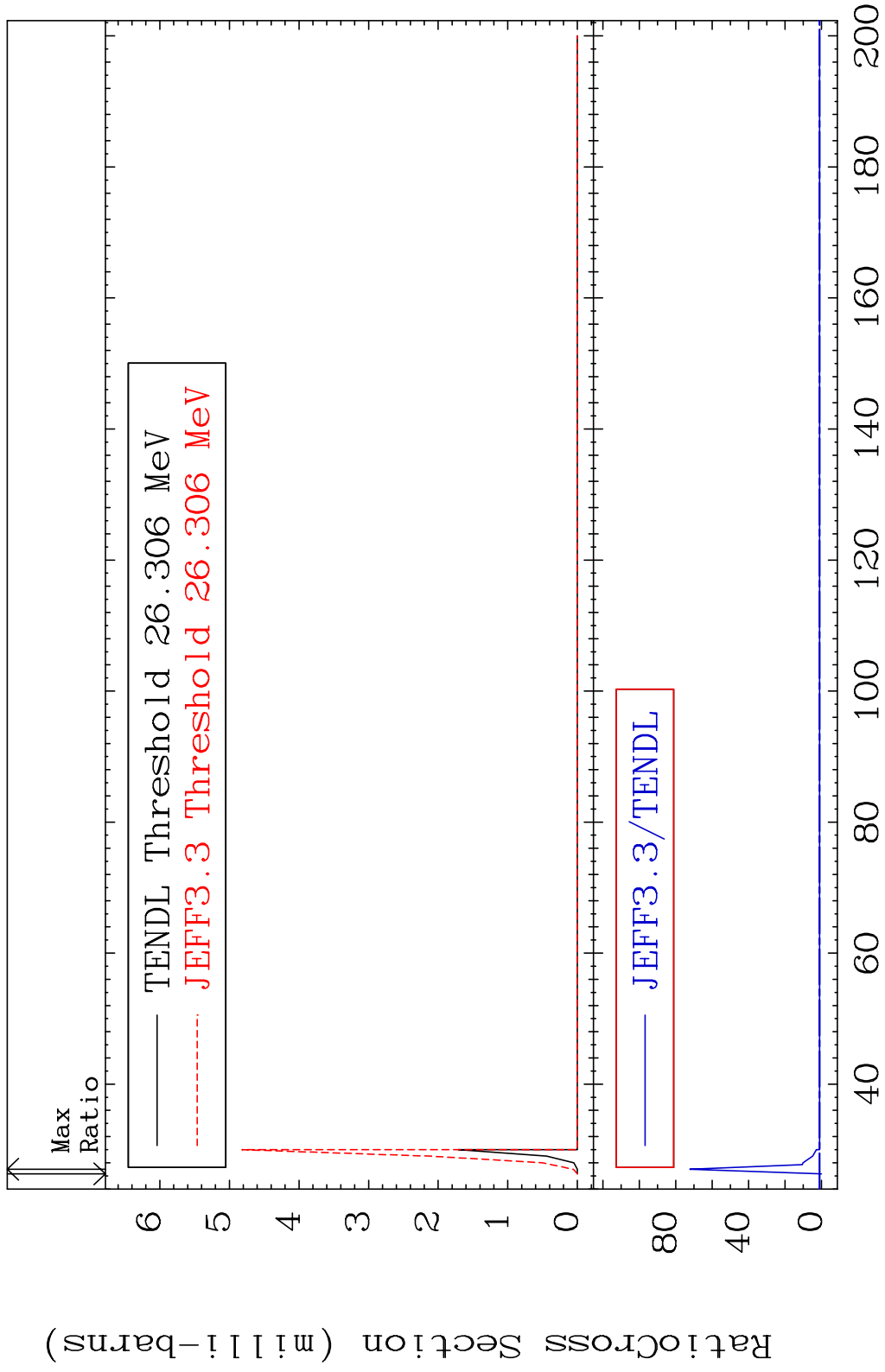


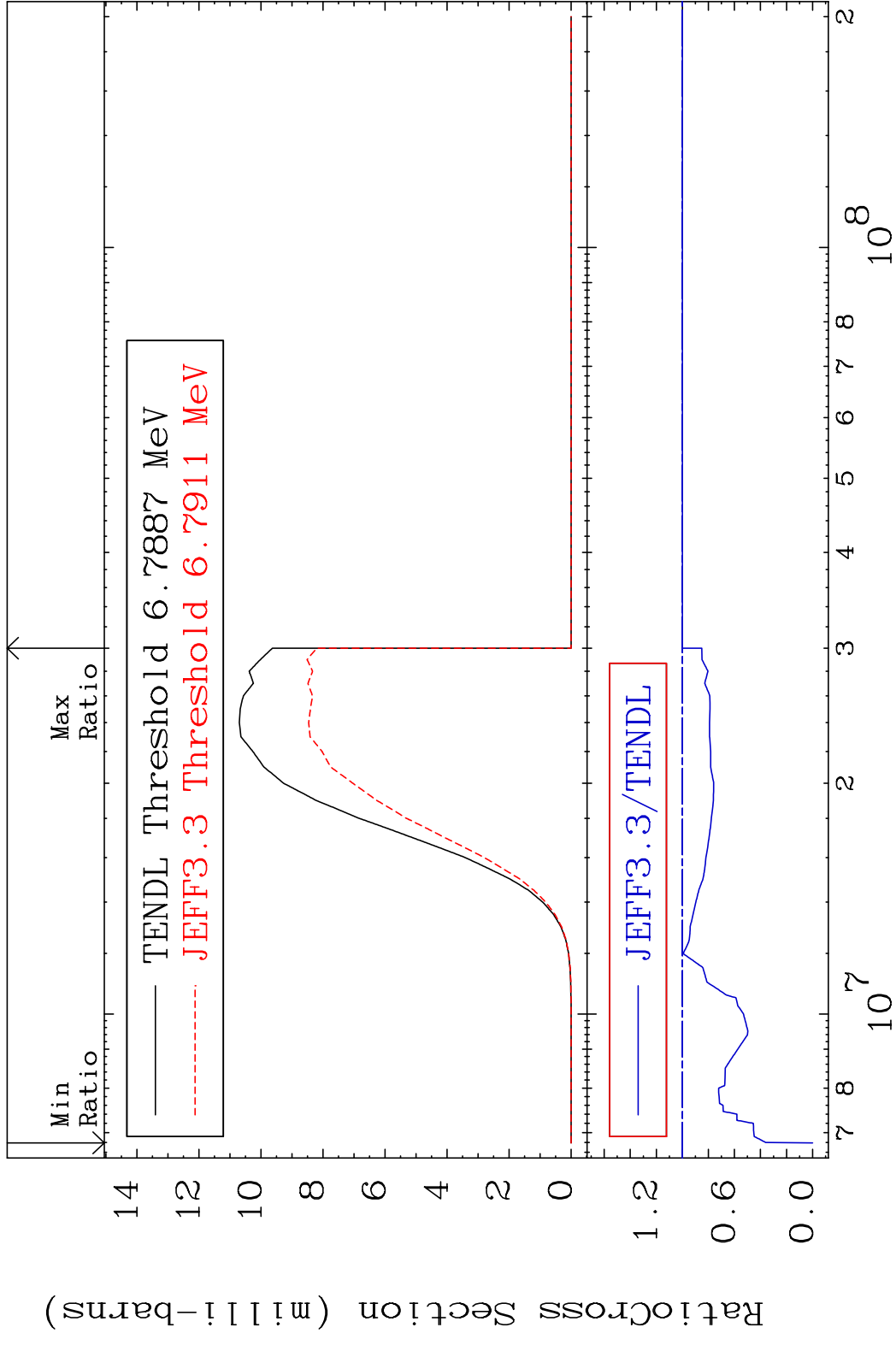
MAT 3449 (n,4n):34-Se-79g 34-Se-82  
 Radionuclide Production Cross Section Ratio 3927. %



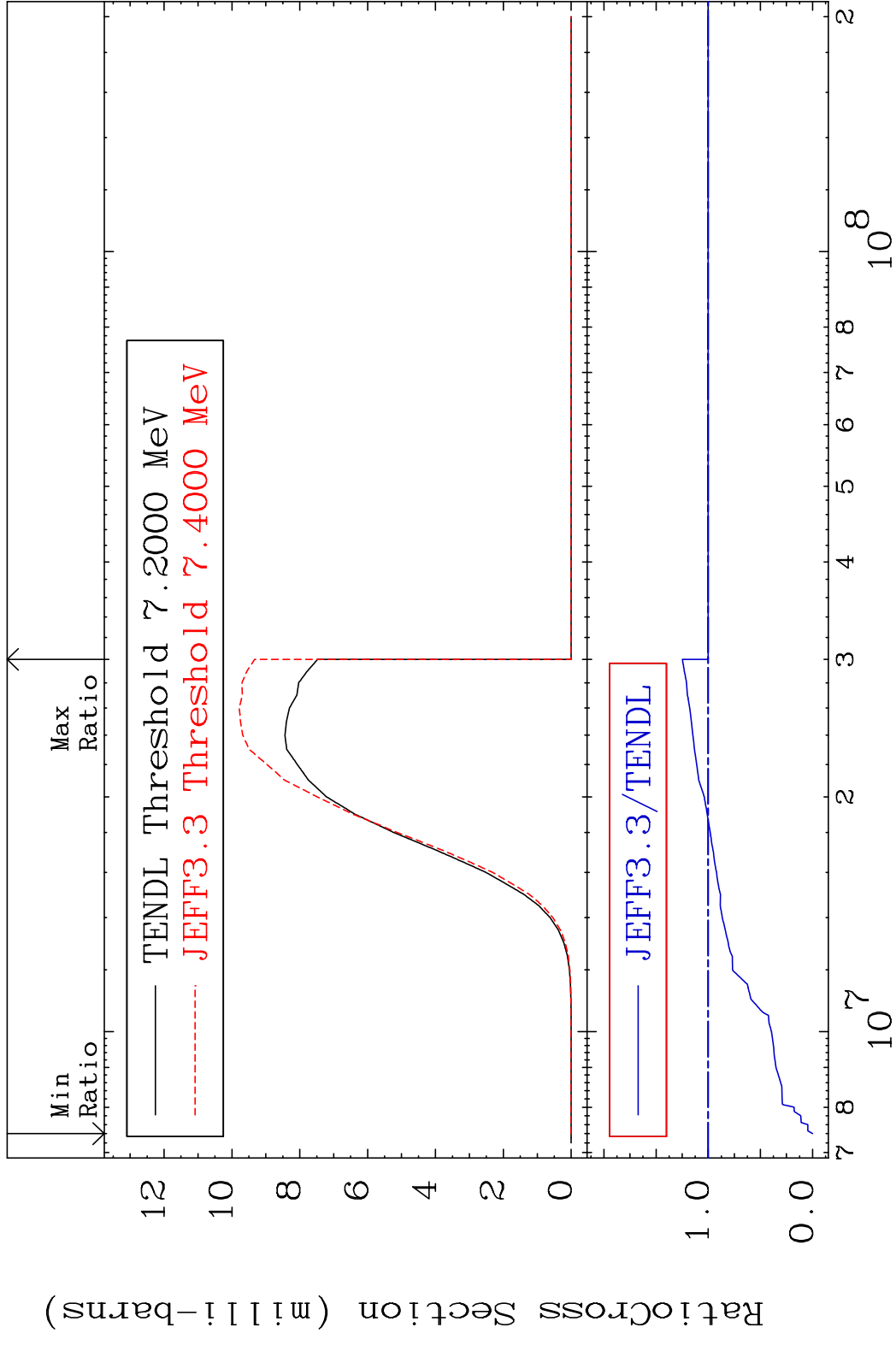
80 Incident Energy (MeV) 34-Se-82

MAT 3449 (n,4n):34-Se-79m1 34-Se-82  
 Radionuclide Production Cross Section 1800 d to 7130. %

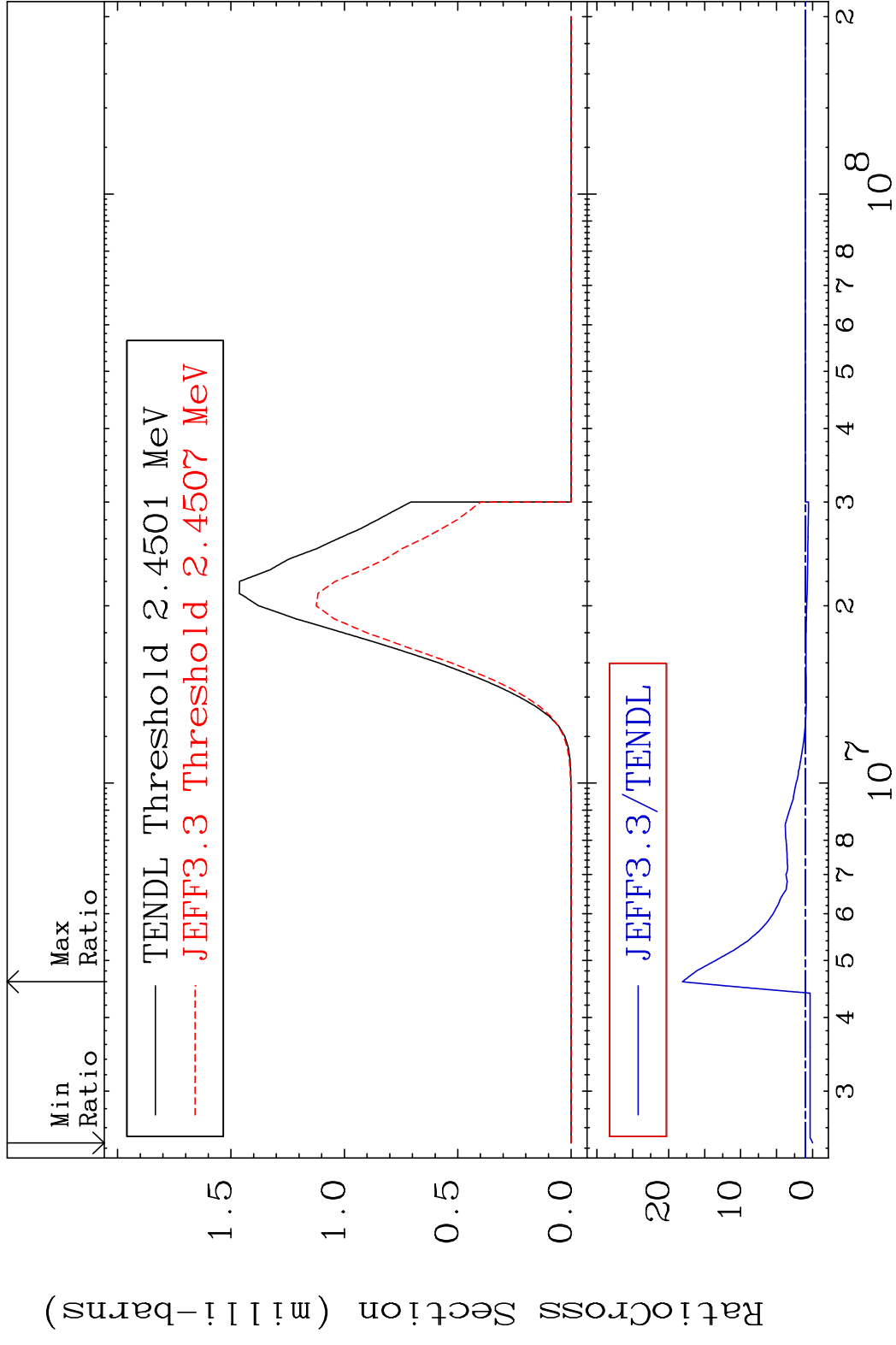


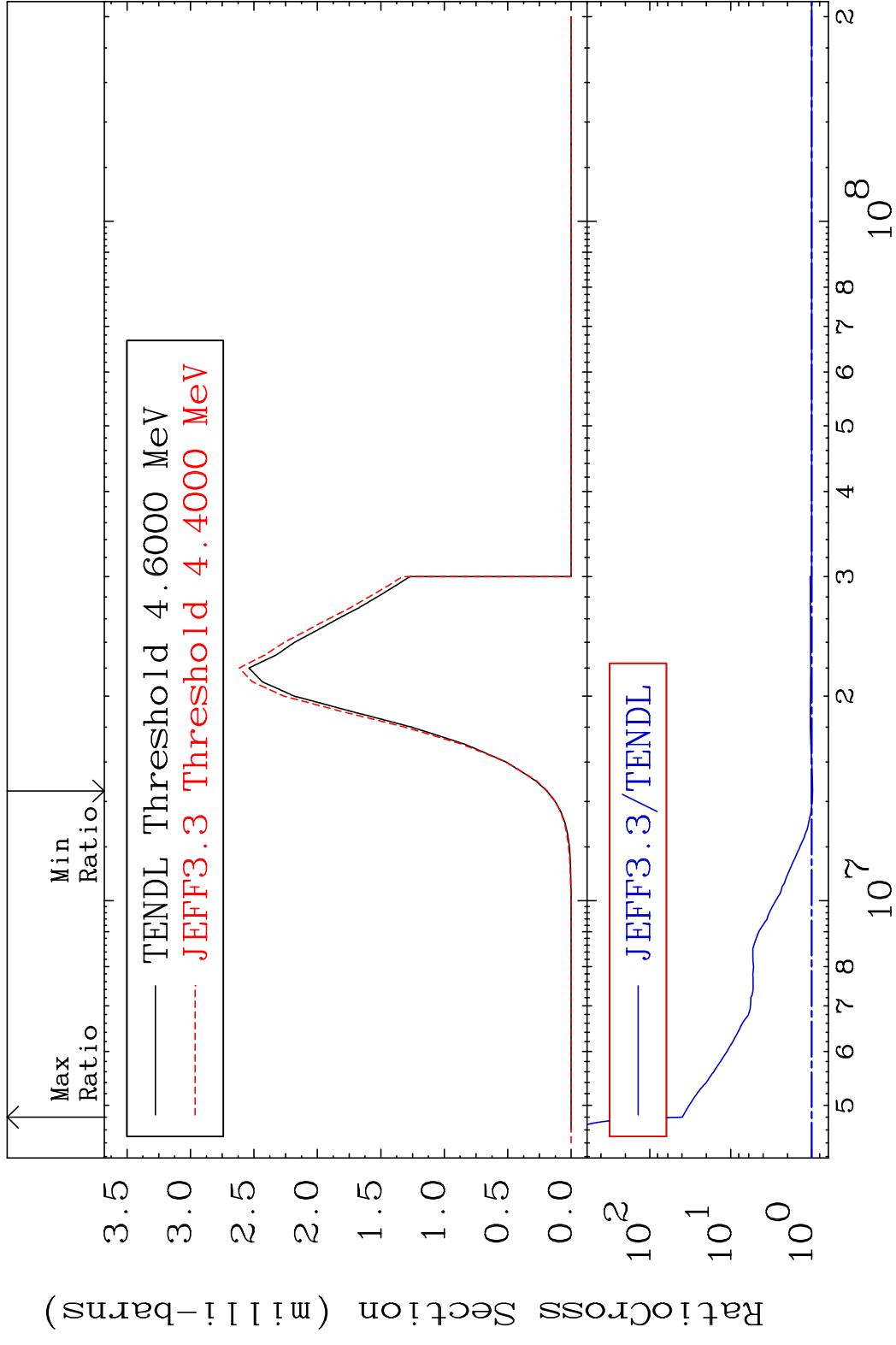


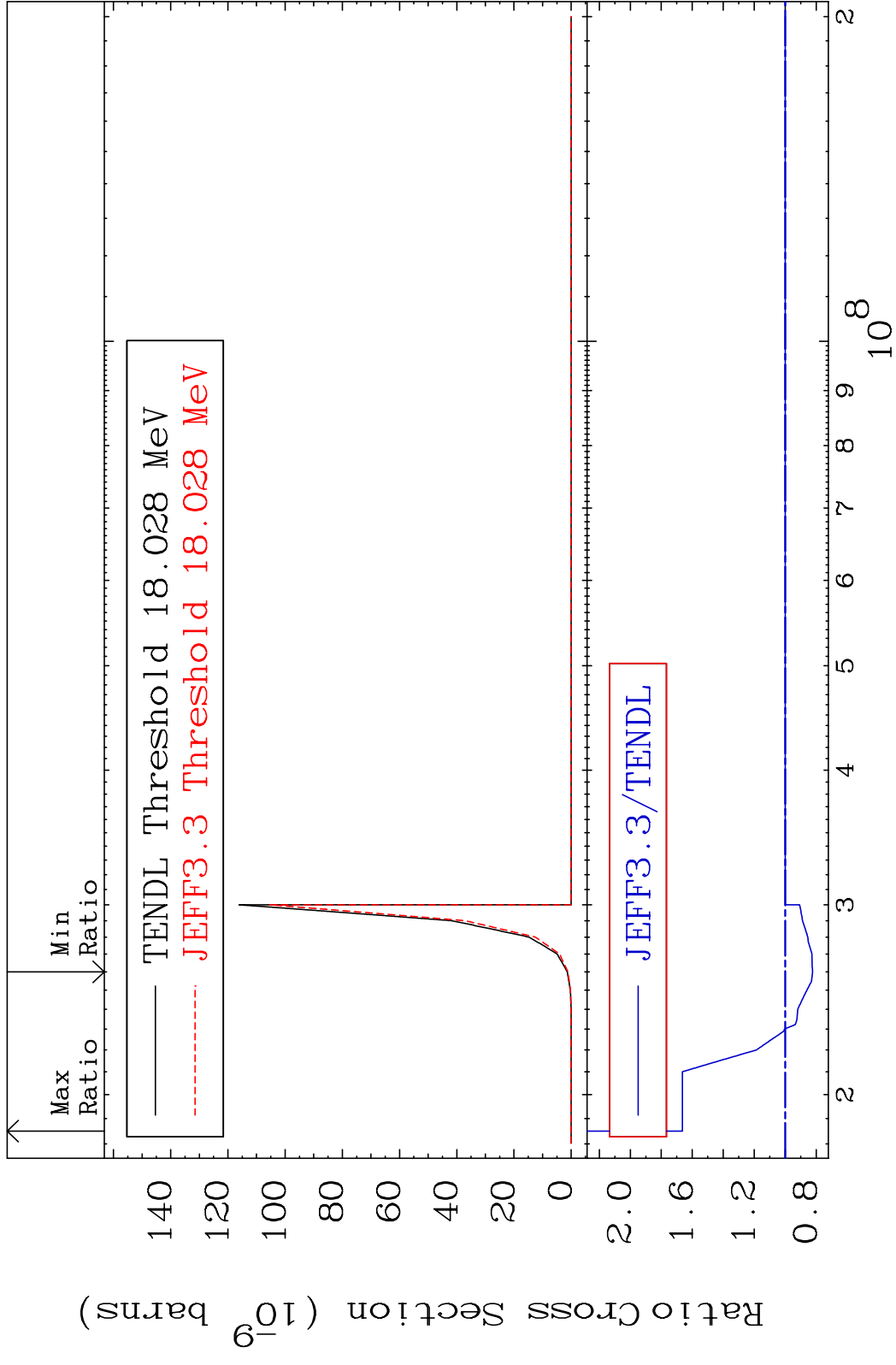
MAT 3449 (n,p):33-As-82m1 34-Se-82  
 Radionuclide Production Cross Section 180.01 dth 24.82 %



MAT 3449 (n,  $\alpha$ ): 32-Ge-79g 34-Se-82  
 Radionuclide Production Cross Section 1800 d to 1710. %







MAT 3449 (n,2p):32-Ge-81m1 34-Se-82  
 Radionuclide Production Cross Section 181.0 %

