

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

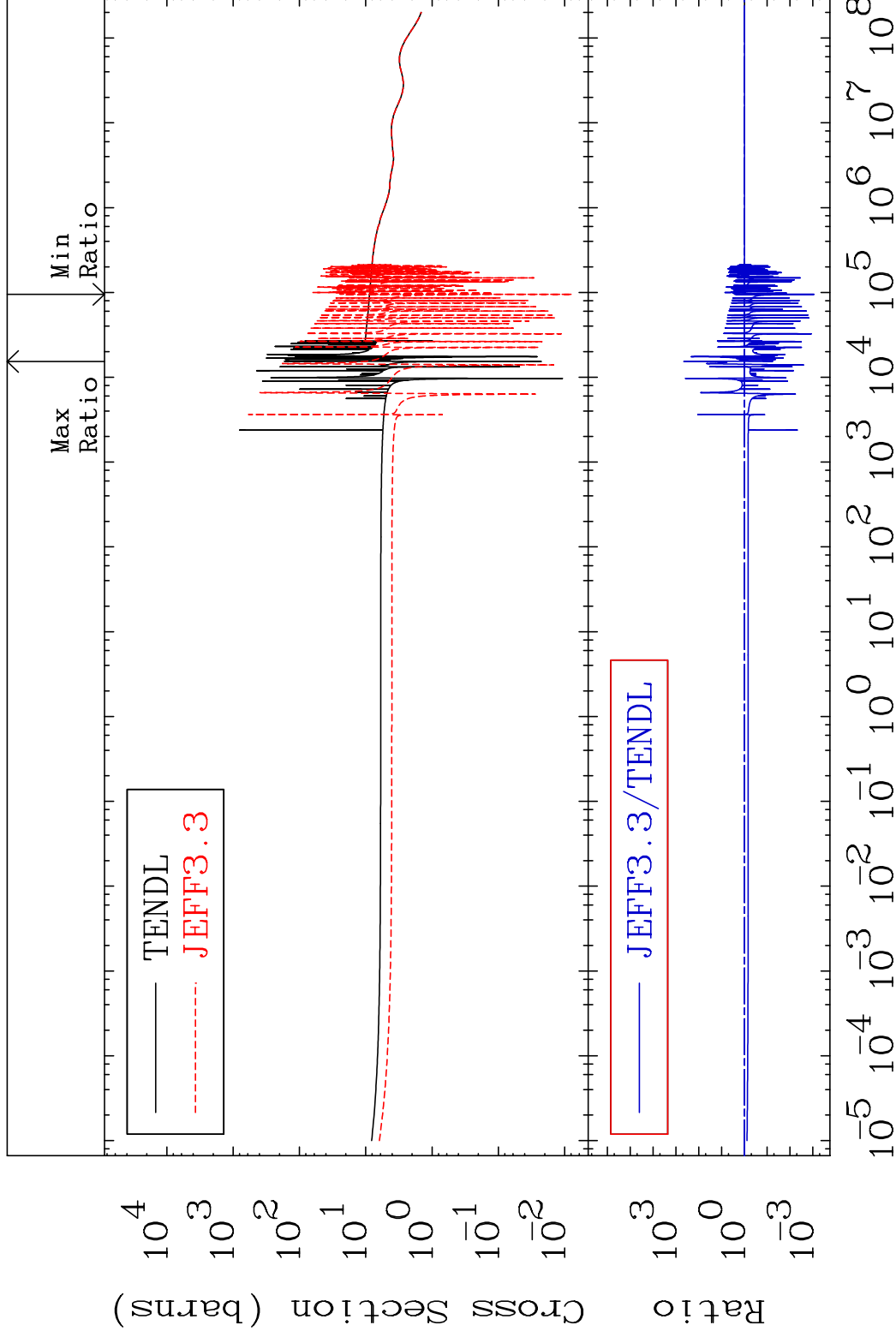
MAT 3449

Total

34-Se-82

Cross Section

-99.91 To 9999. %



1

Incident Energy (eV)

34-Se-82

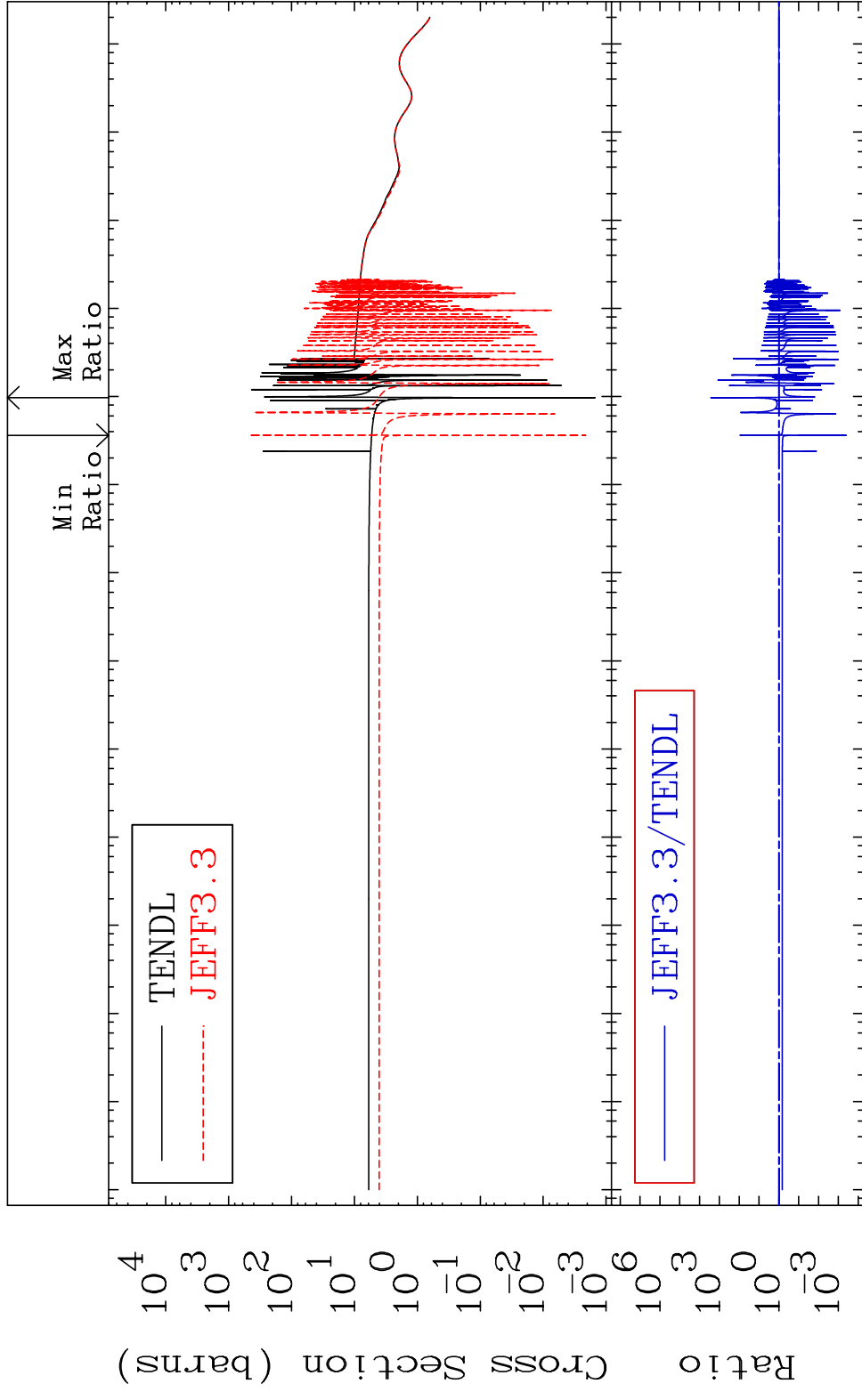
MAT 3449

Elastic

34-Se-82

Cross Section

-99.96 To 9999. %

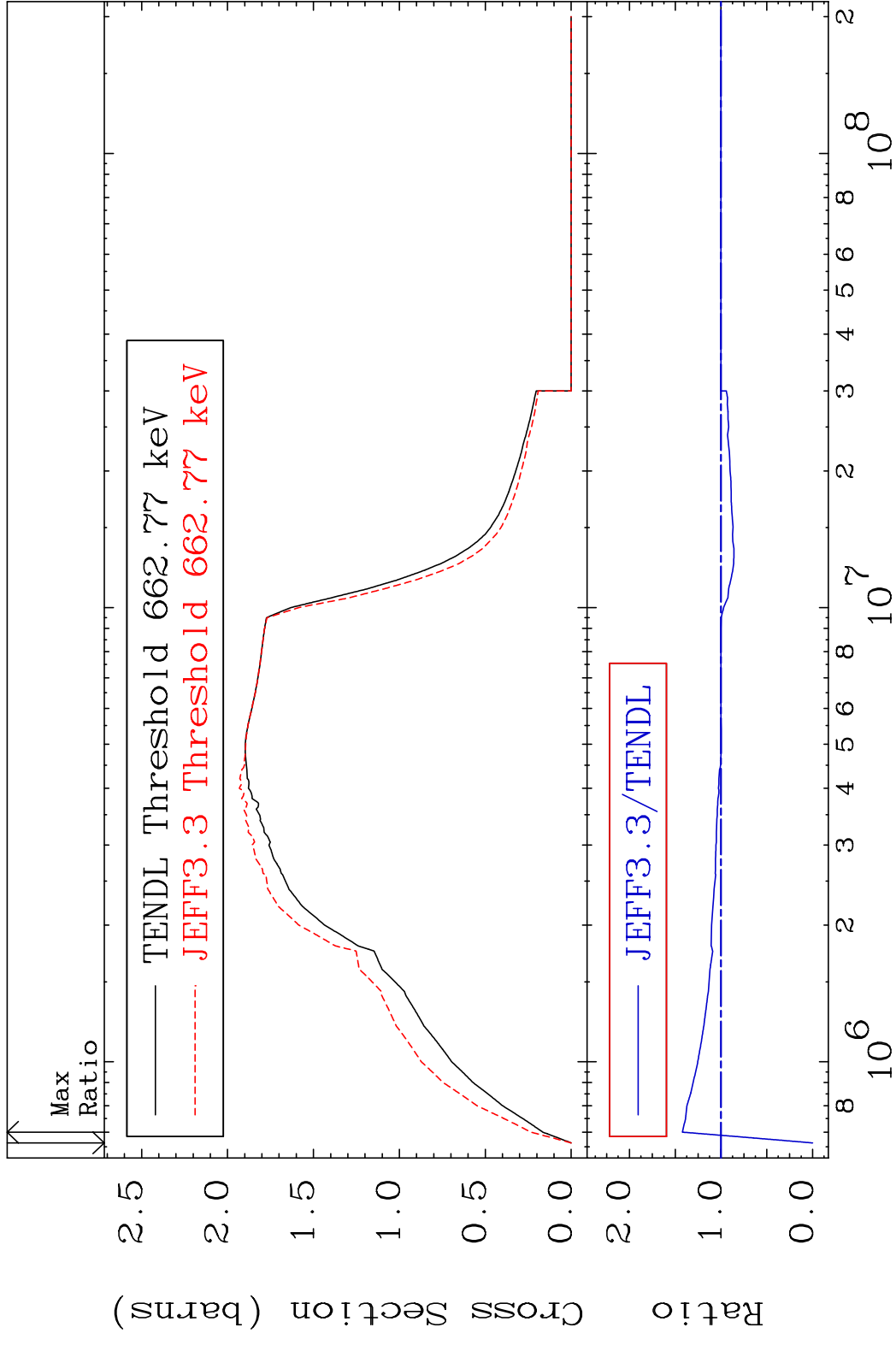


2

Incident Energy (eV)

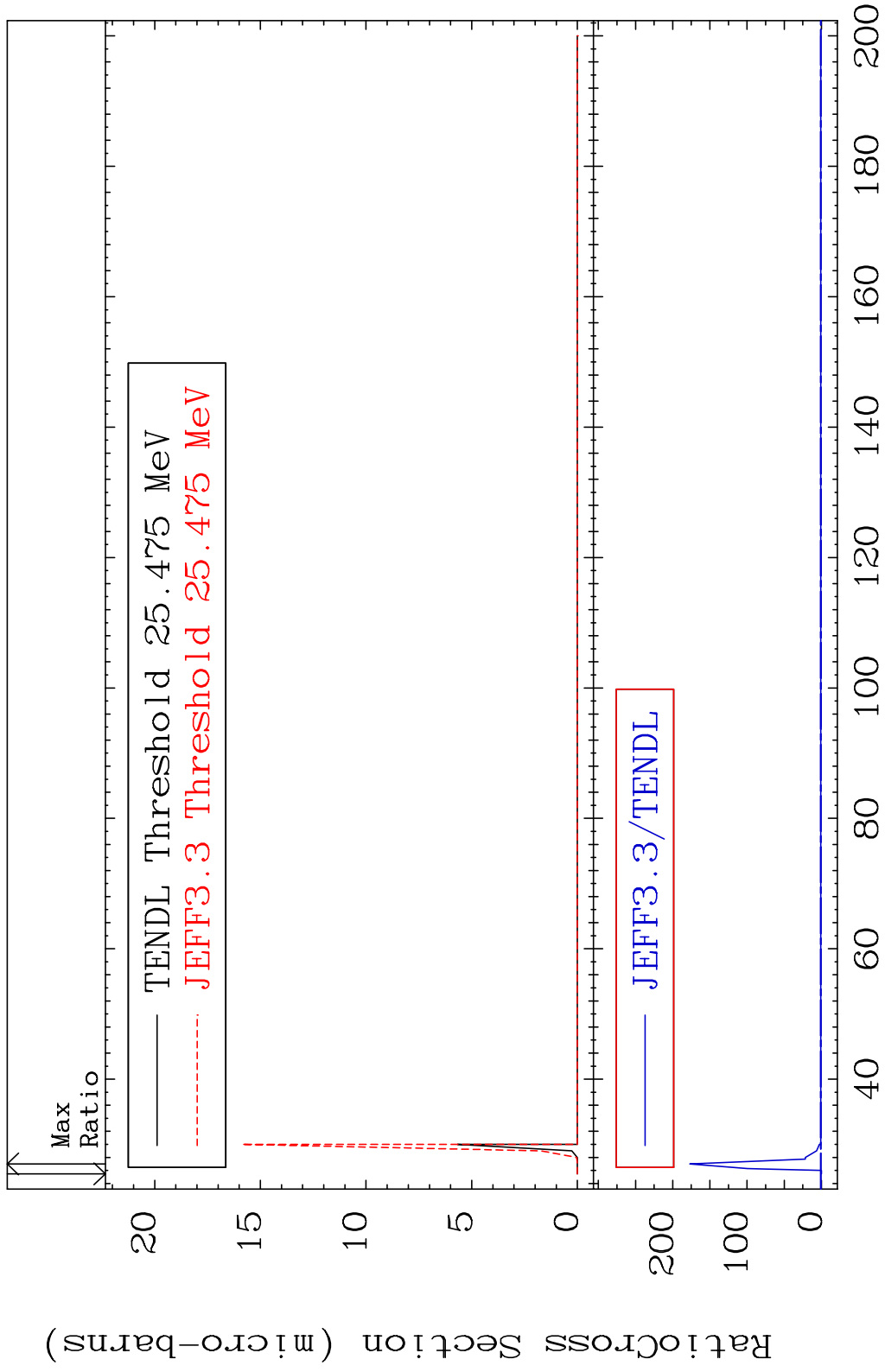
34-Se-82

MAT 3449 Inelastic 34-Se-82  
 Cross Section -100.0 To 42.27 %



3 Incident Energy (eV) 34-Se-82

MAT 3449 (n,2n) d 34-Se-82  
 Cross Section -100.0 To 9999. %



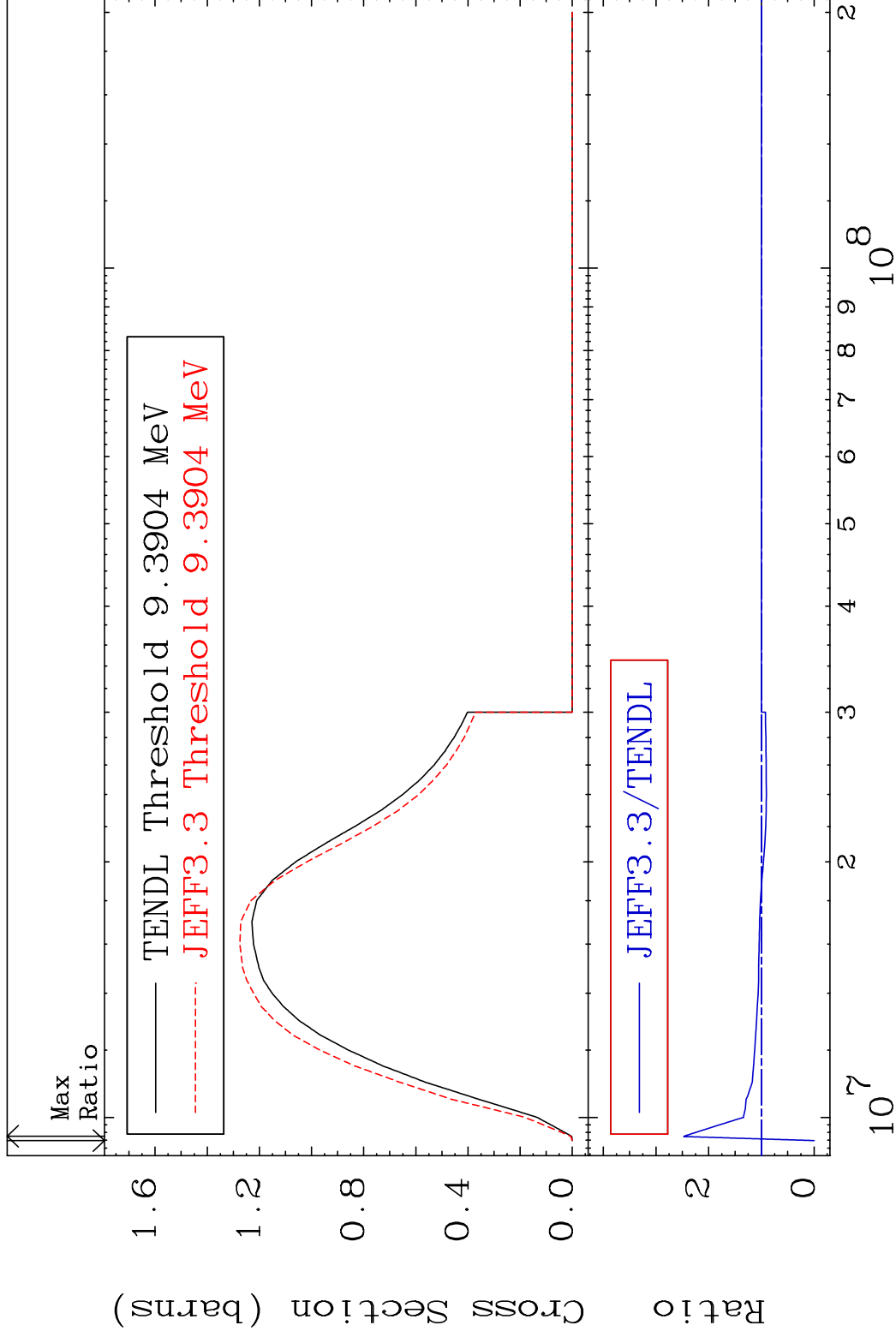
4 Incident Energy (MeV) 34-Se-82

MAT 3449

(n,2n)

<sup>34</sup>Se-82

Cross Section -100.0 To 147.5 %



5

Incident Energy (eV)

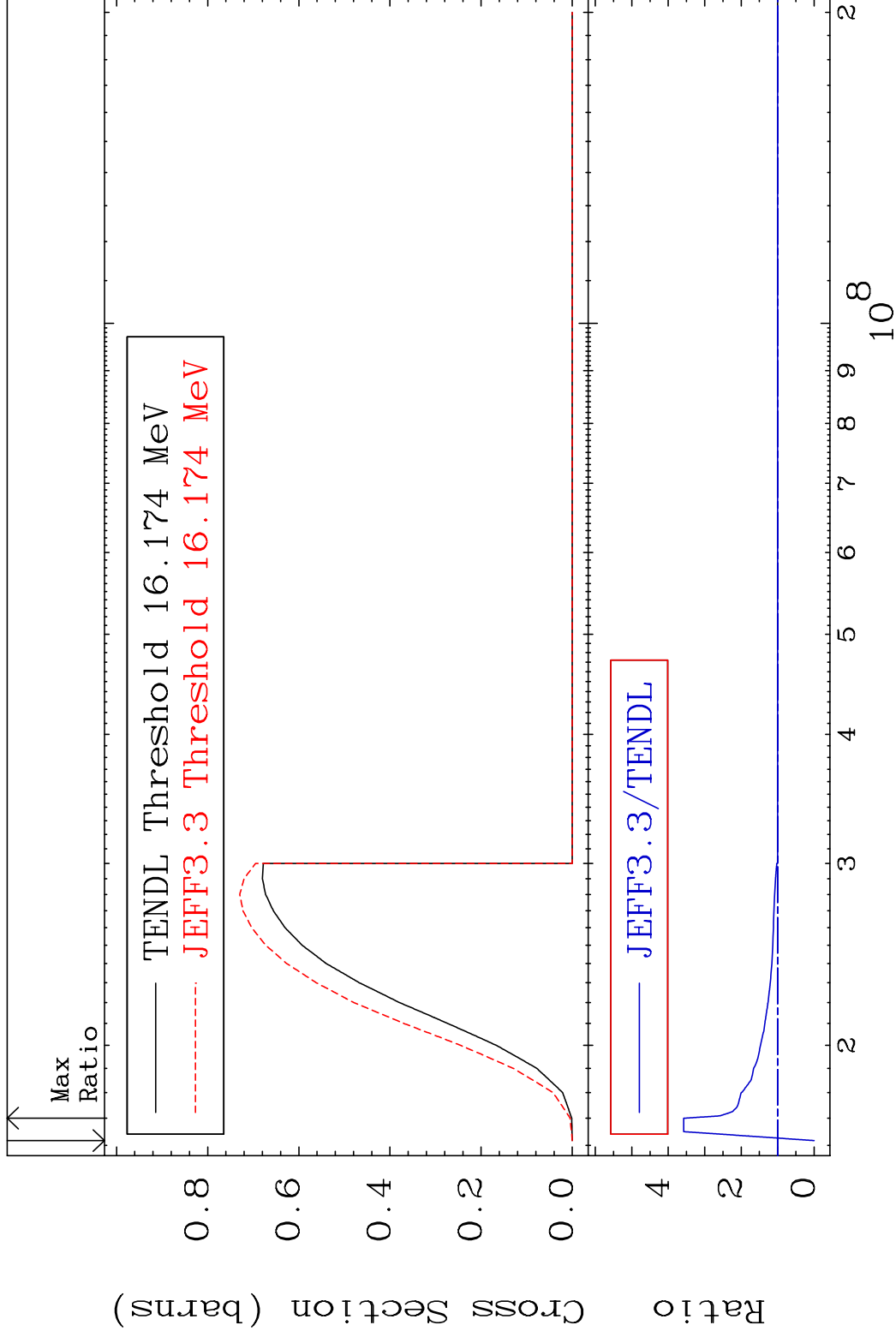
<sup>34</sup>Se-82

MAT 3449

(n,3n)

34-Se-82

Cross Section -100.0 To 257.8 %

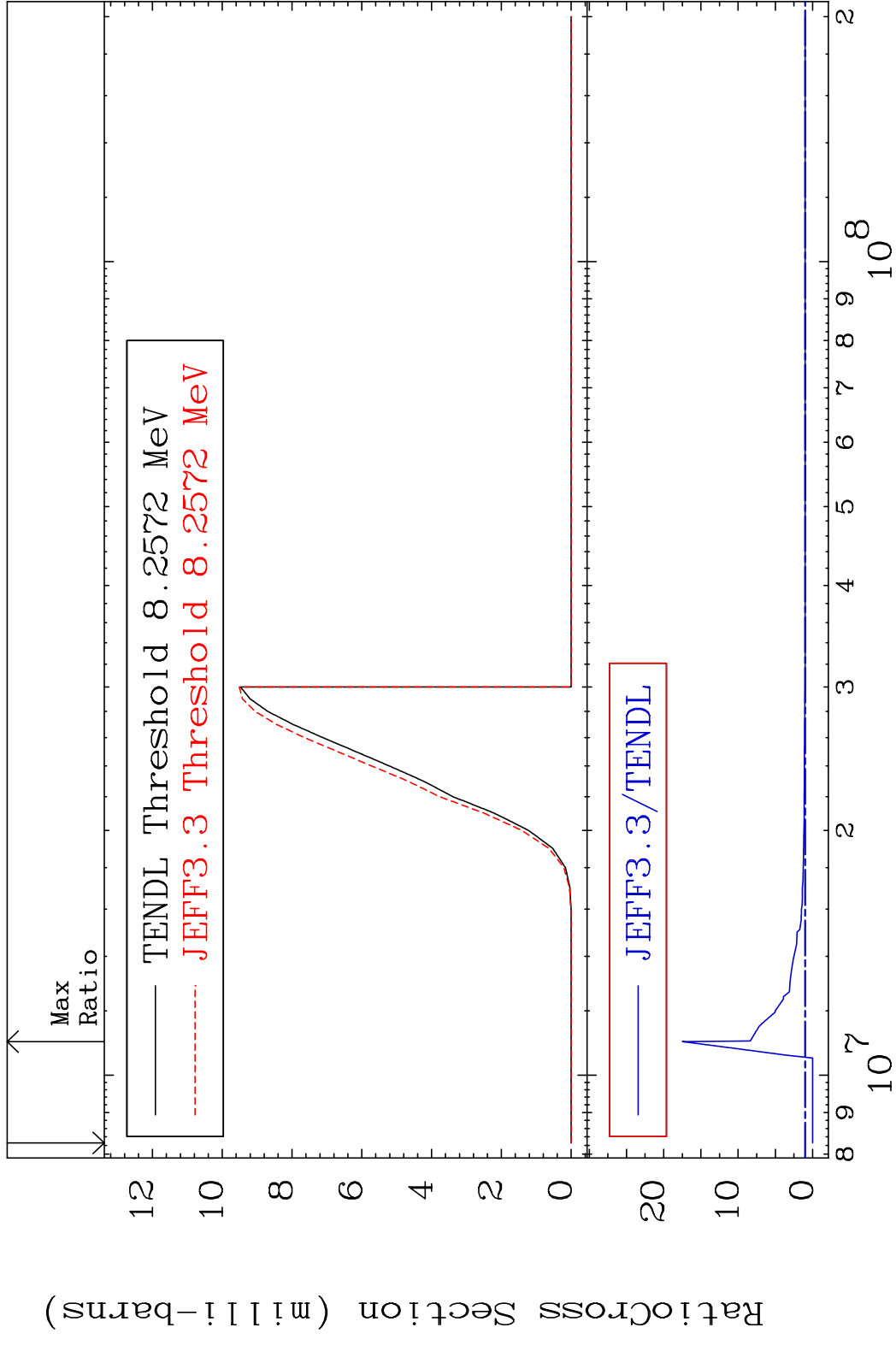


6

Incident Energy (eV)

34-Se-82

MAT 3449 (n, n')  $\alpha$  34-Se-82  
 Cross Section -100.0 To 1649. %



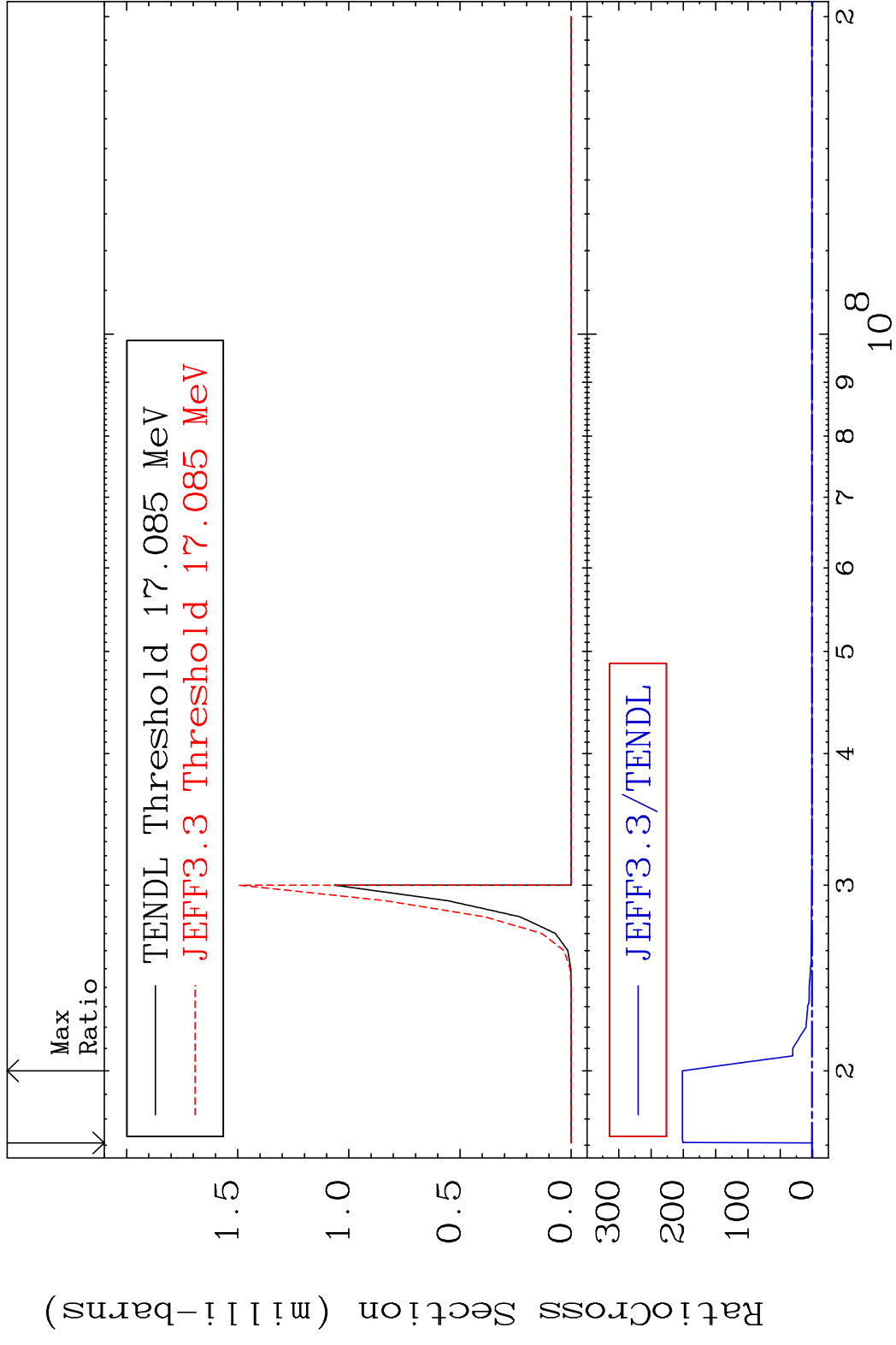


MAT 3449

(n,2n)  $\alpha$

34-Se-82

Cross Section -100.0 To 9999. %

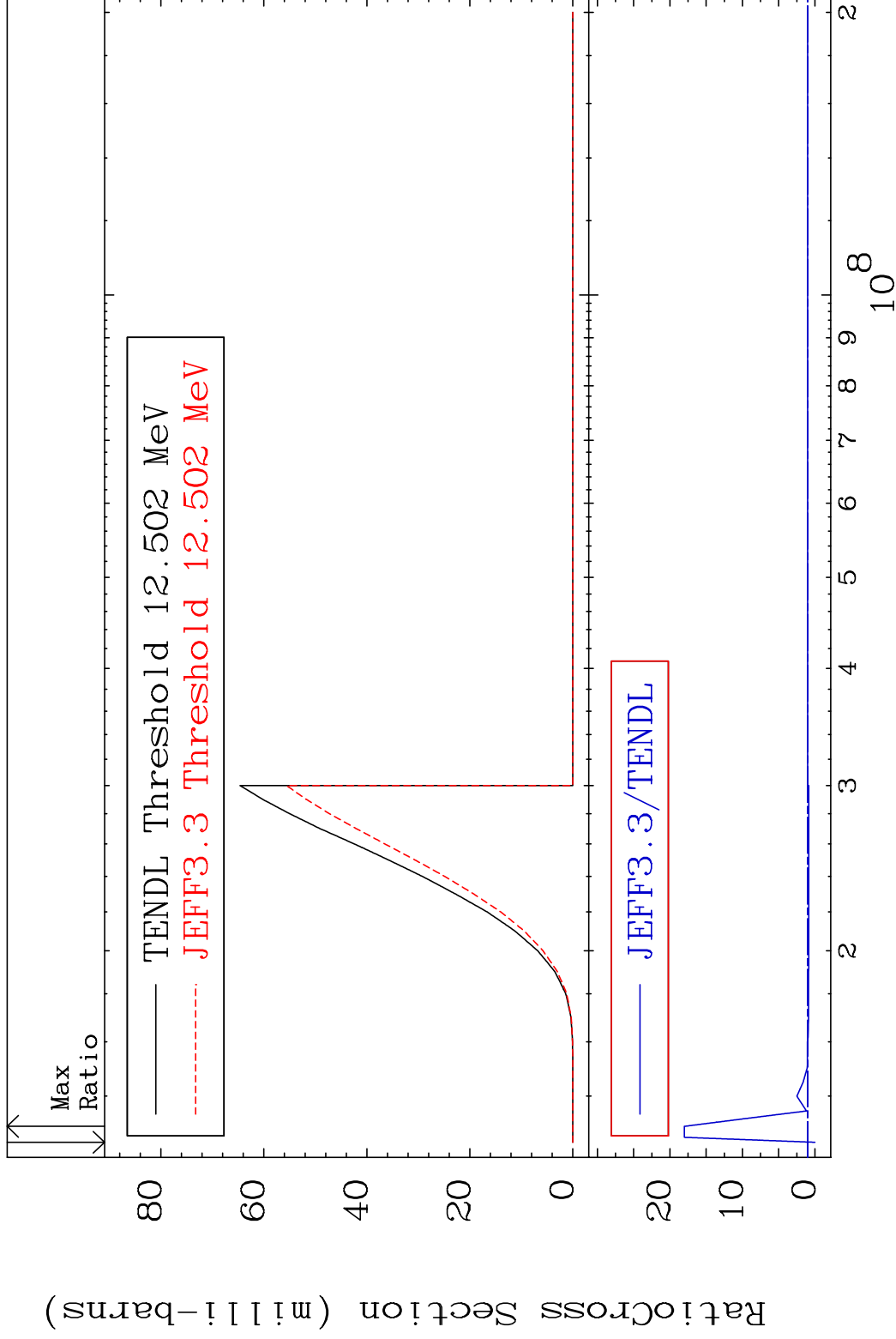


MAT 3449

(n, n') p

34-Se-82

Cross Section -100.0 To 1701. %

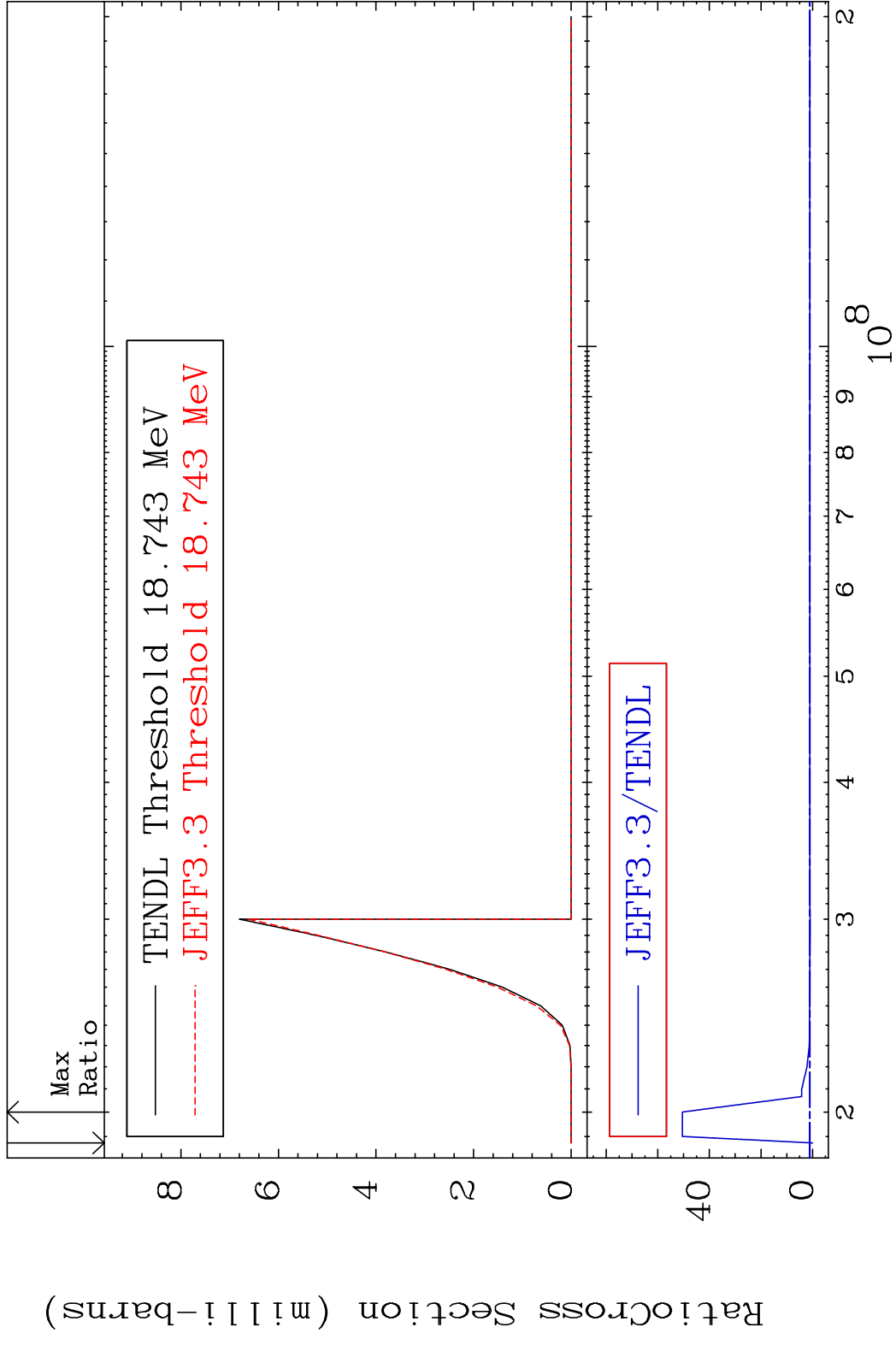


9

Incident Energy (eV)

34-Se-82

MAT 3449 (n, n') d 34-Se-82  
 Cross Section -100.0 To 4948. %



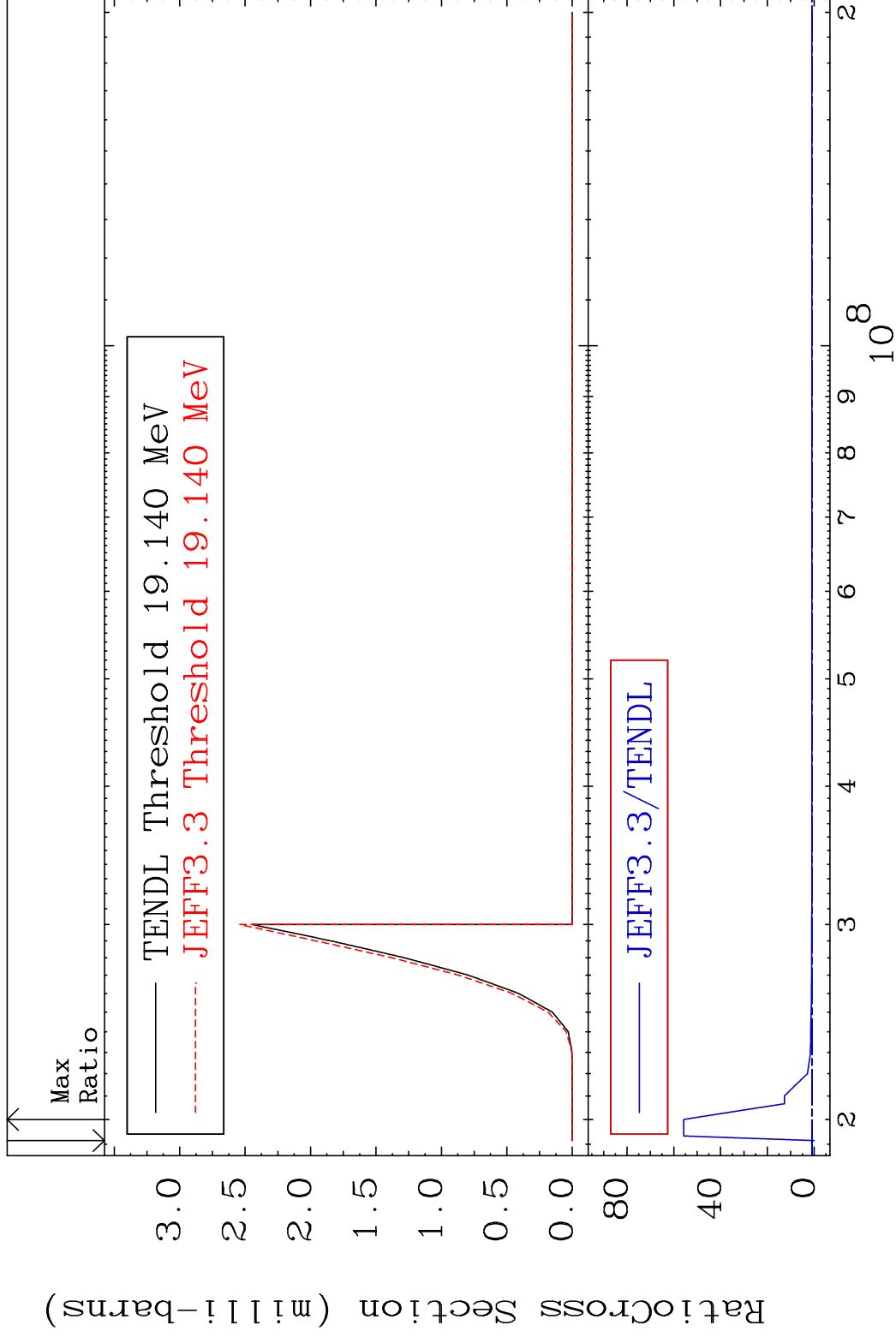
10 Incident Energy (eV) 34-Se-82

MAT 3449

(n, n') t

34-Se-82

Cross Section -100.0 To 5478. %

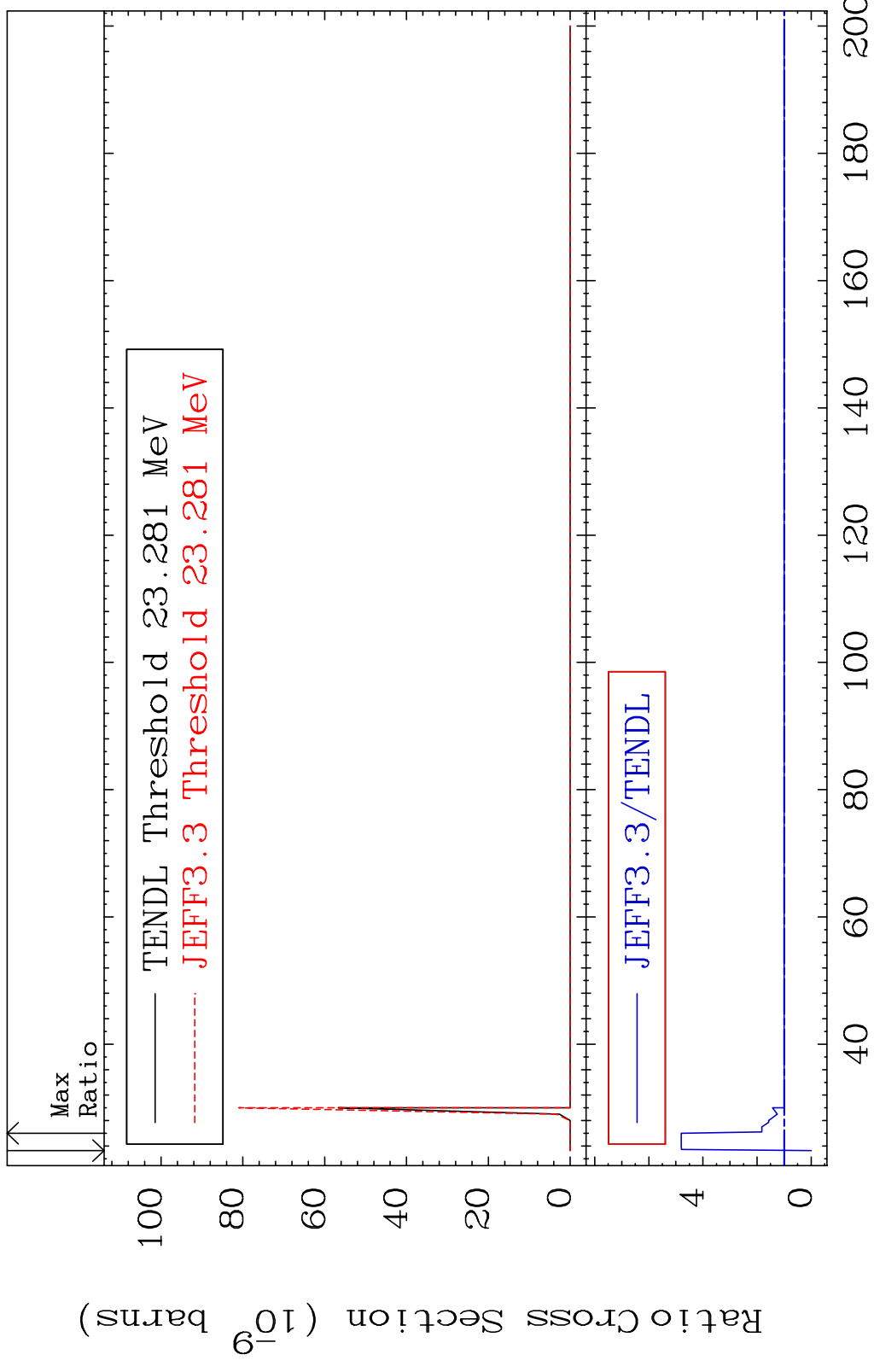


MAT 3449

(n,n') He-3

34-Se-82

Cross Section -100.0 To 380.3 %

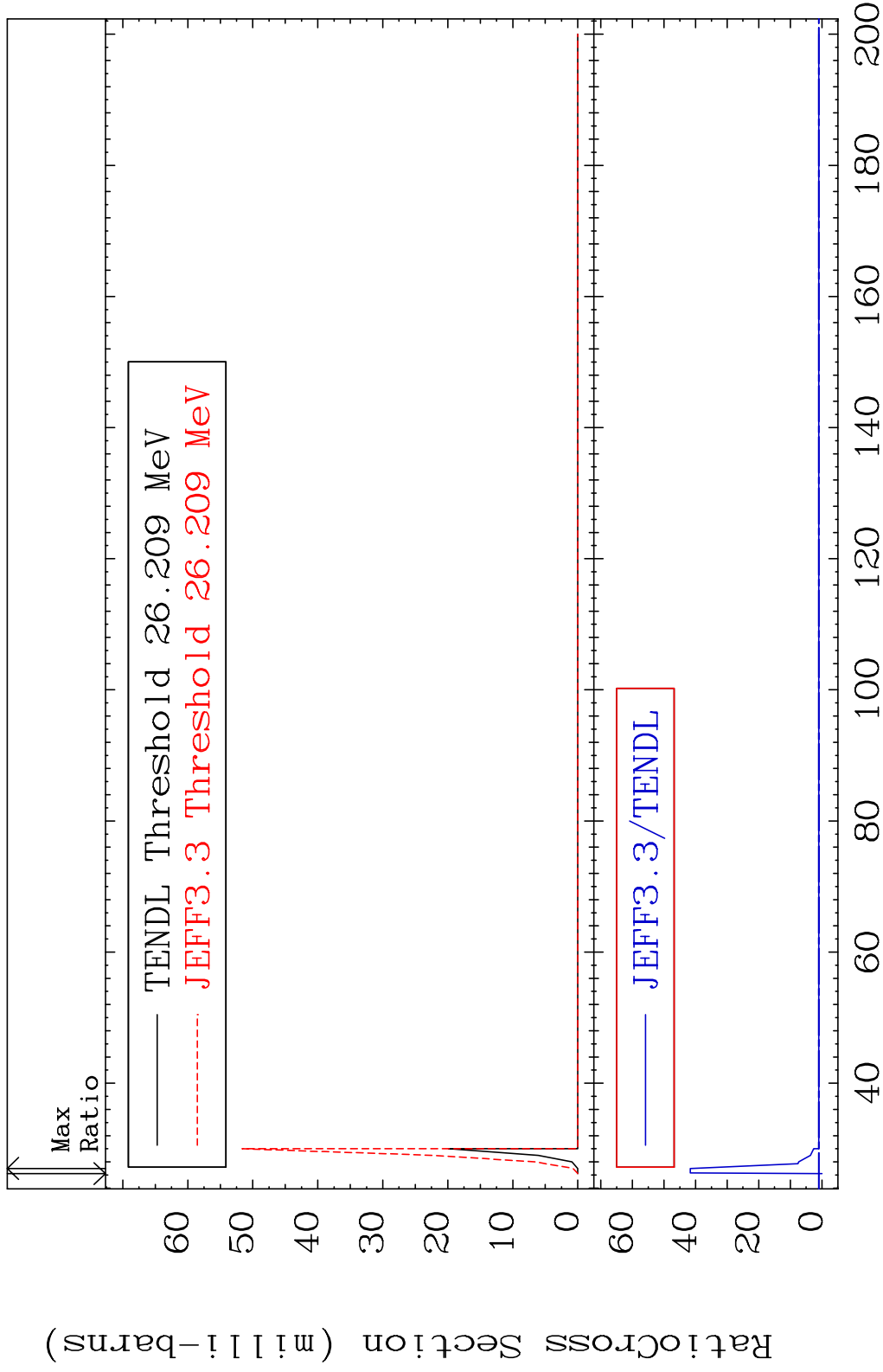


MAT 3449

(n,4n)

34-Se-82

Cross Section -100.0 To 4070. %



13

Incident Energy (MeV)

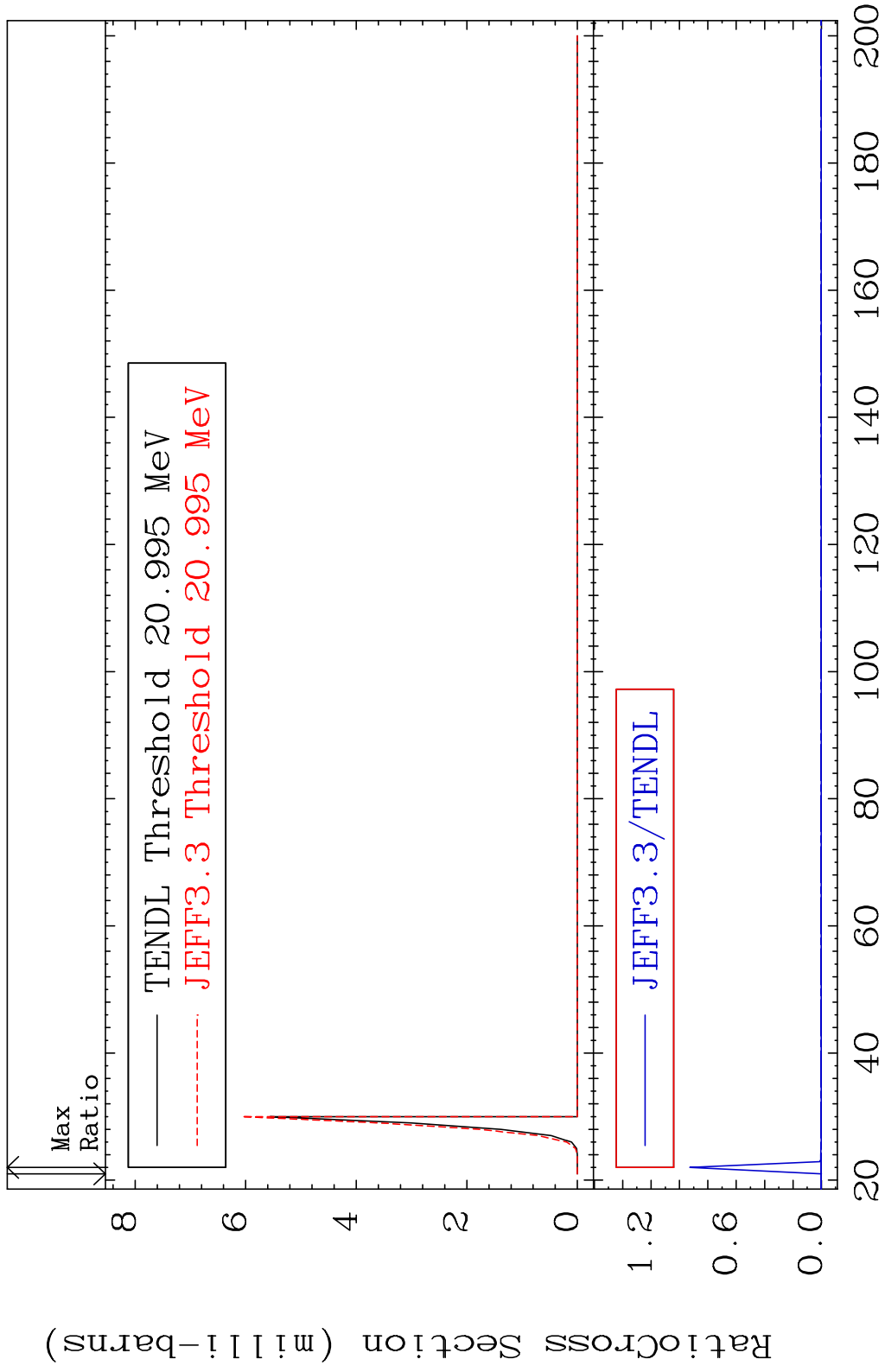
34-Se-82

MAT 3449

(n,2n) p

34-Se-82

Cross Section -100.0 To 9999. %

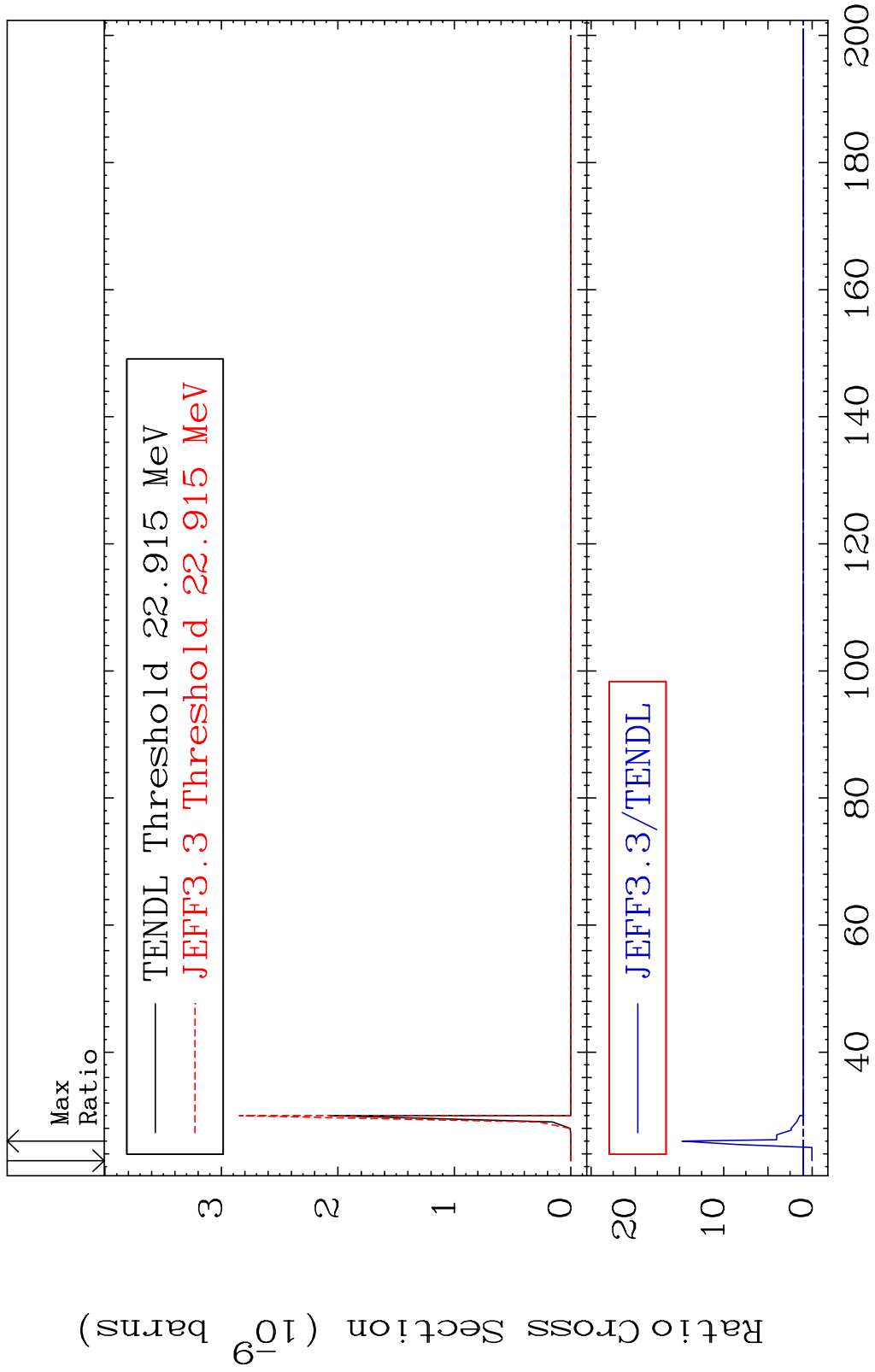


14

Incident Energy (MeV)

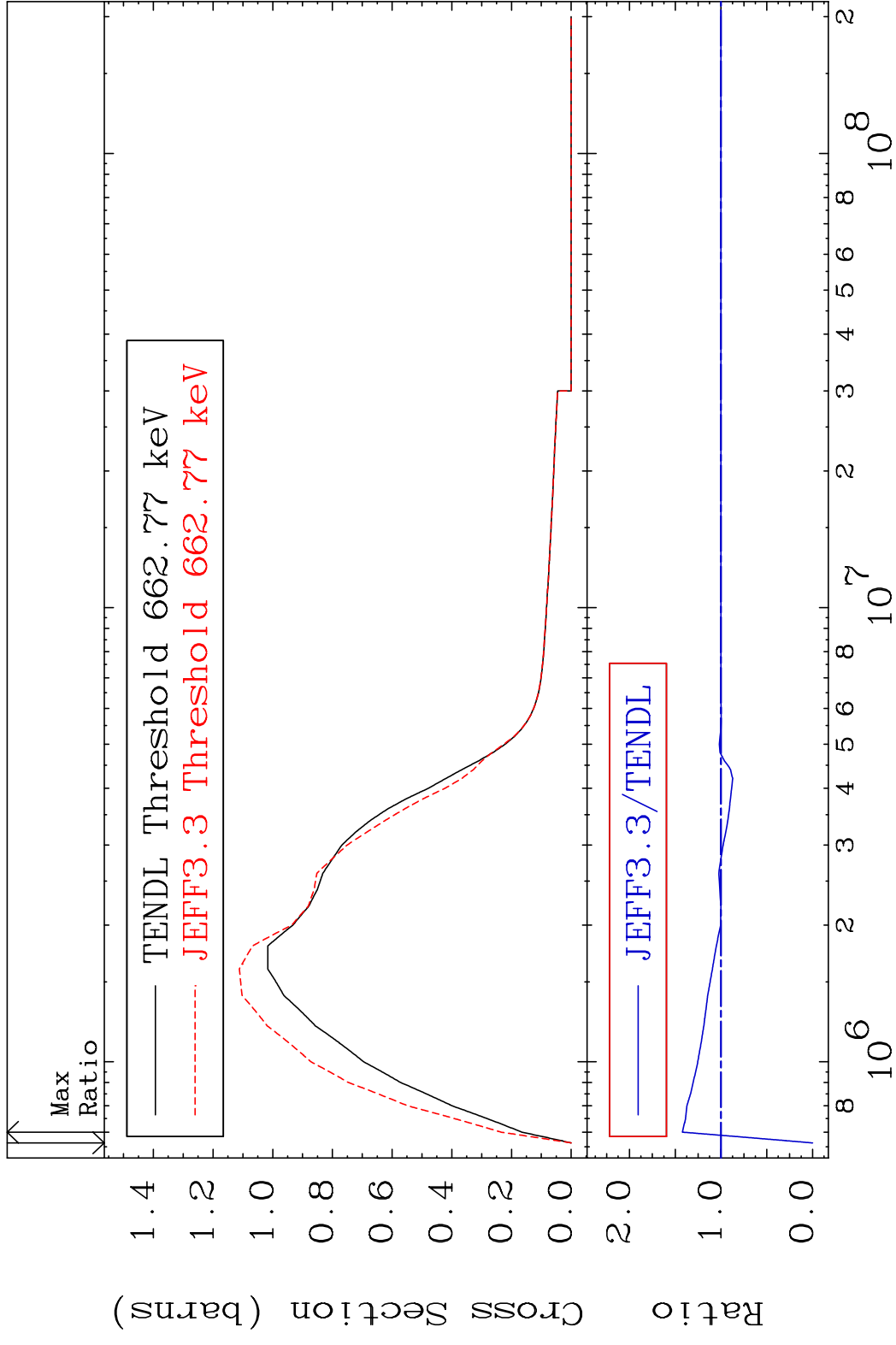
34-Se-82

MAT 3449 (n,2n) p 34-Se-82  
 Cross Section -100.0 To 1372. %

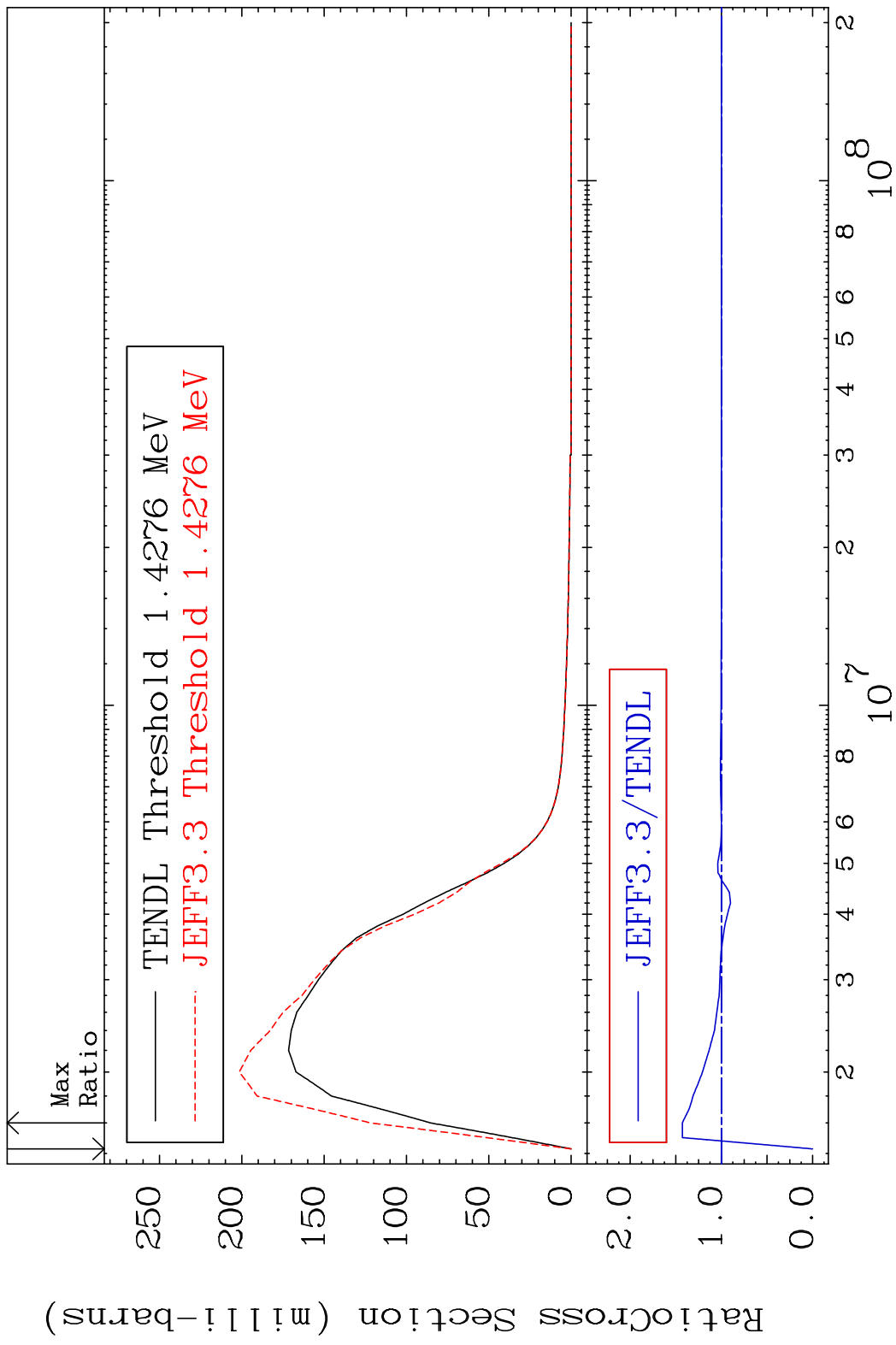




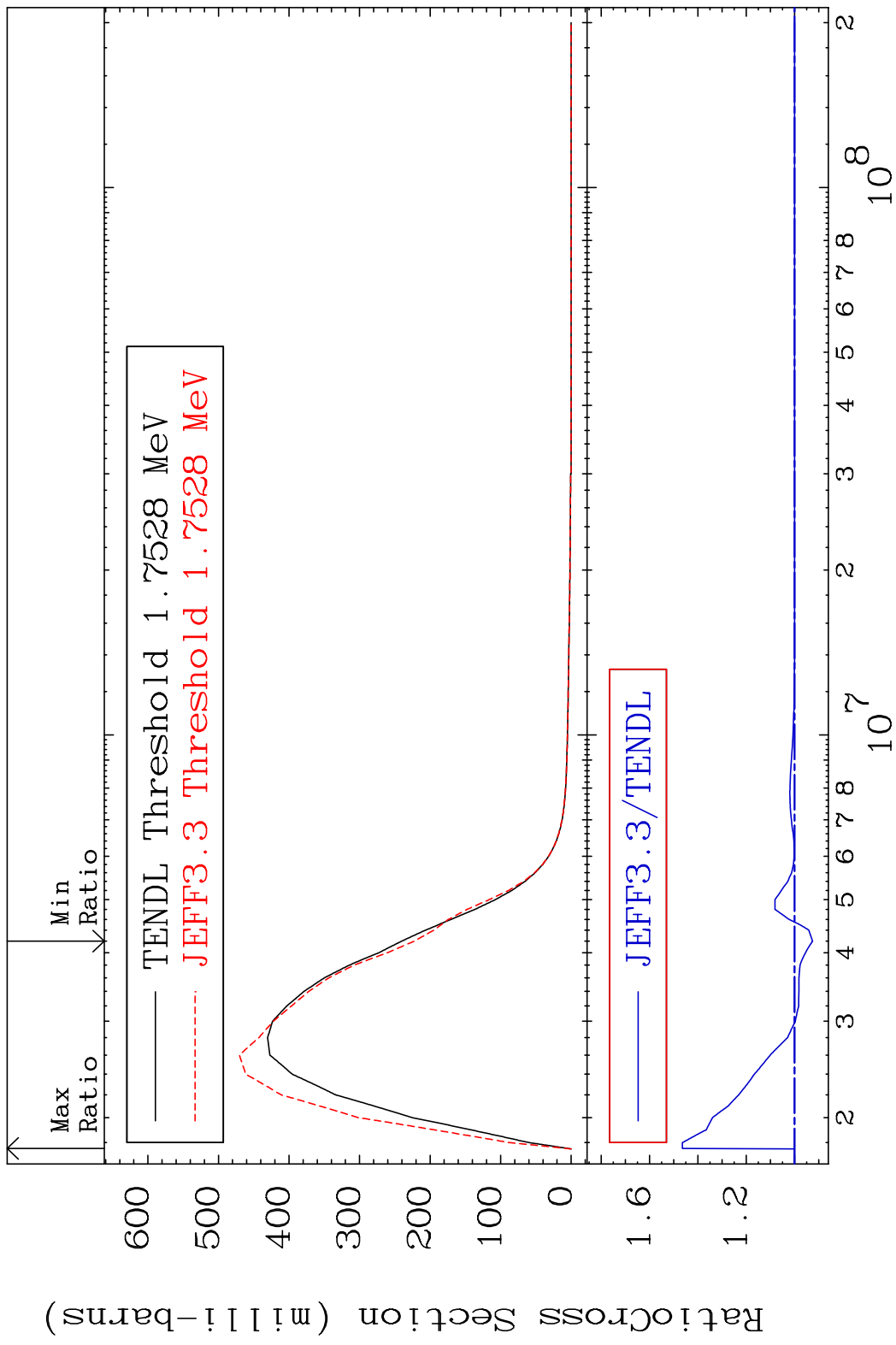
MAT 3449 MT= 51 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 42.27 %



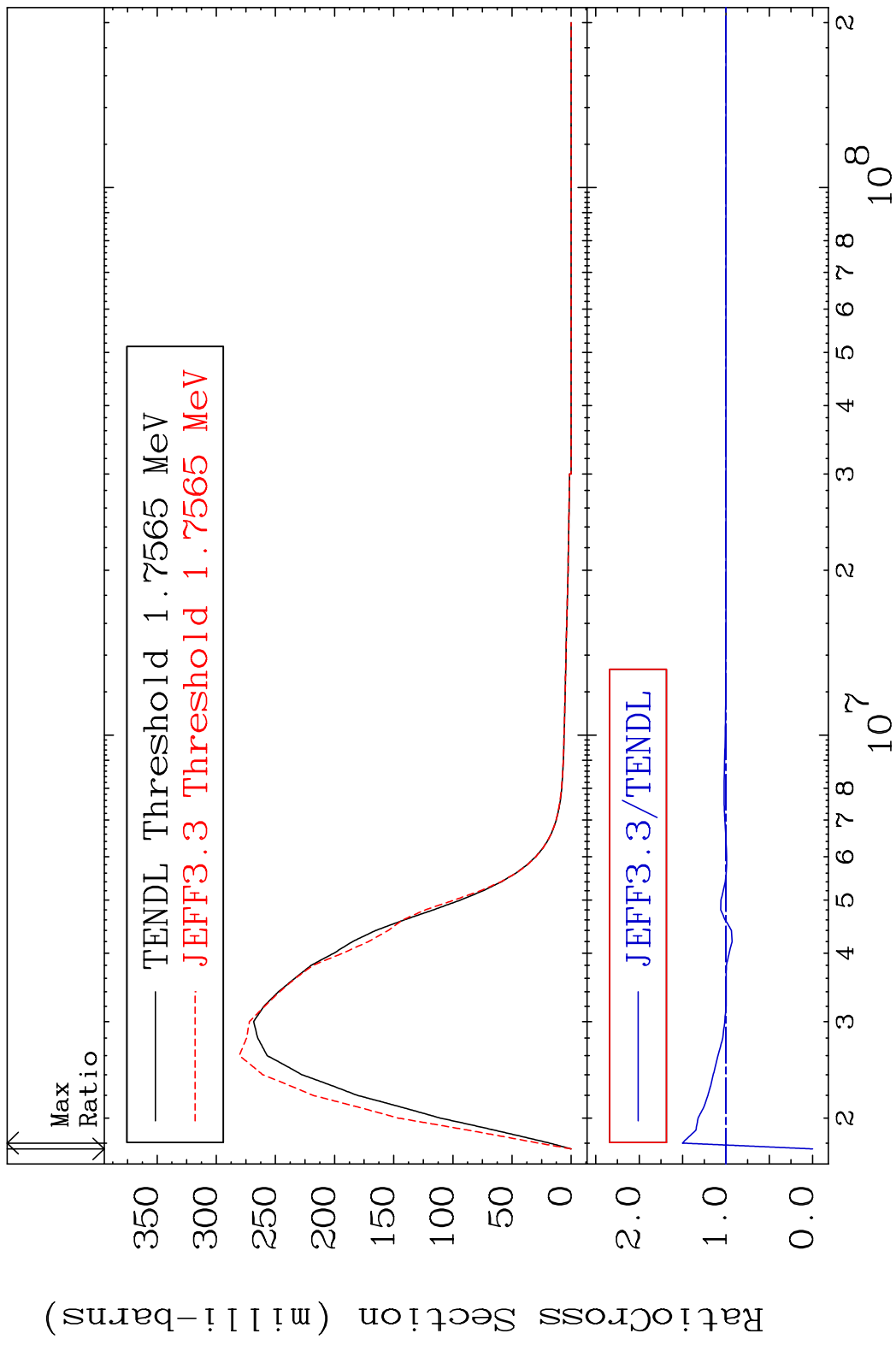
MAT 3449 MT= 52 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 42.69 %



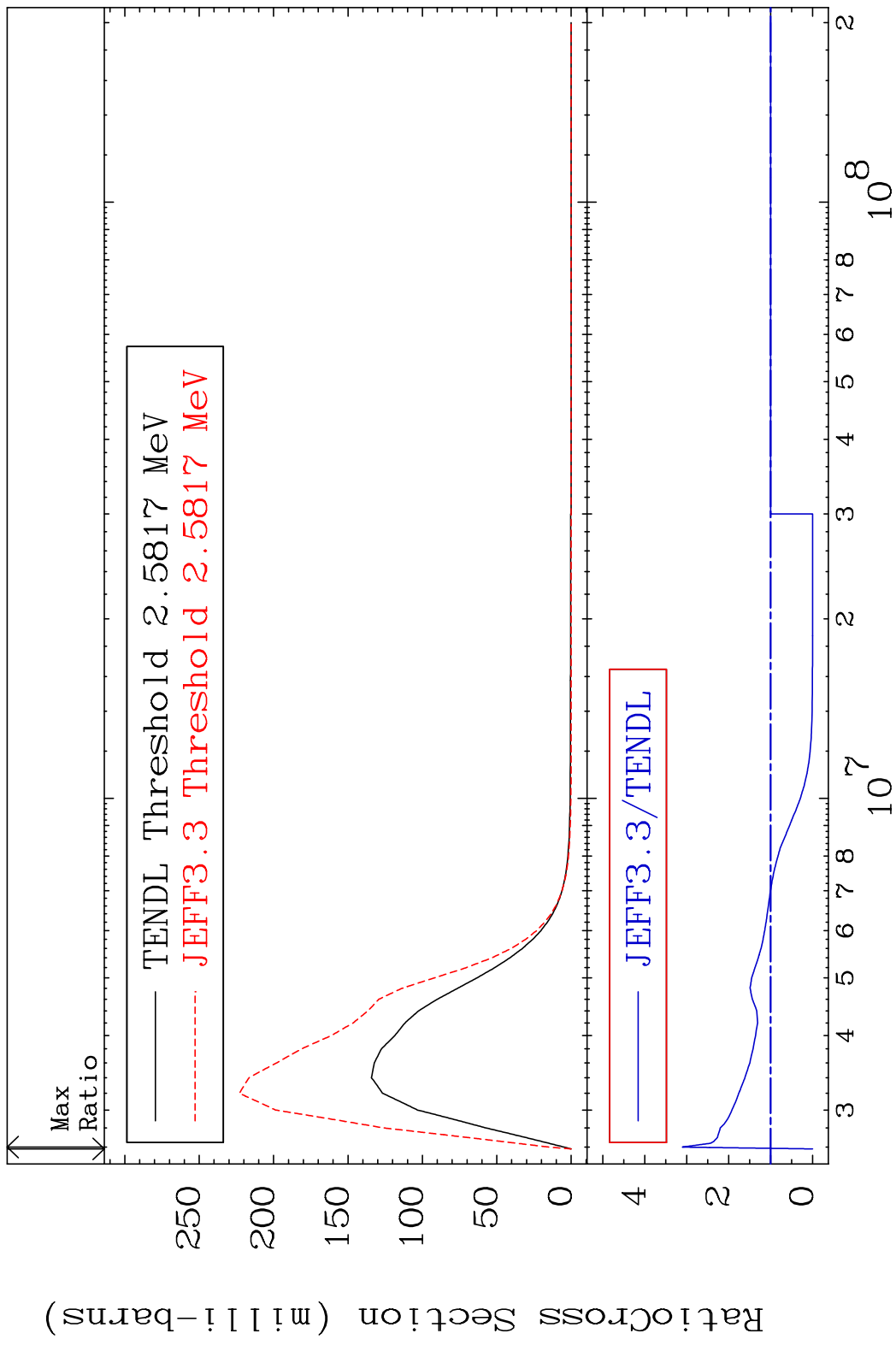
MAT 3449 MT= 53 (n, n') Level 34-Se-82  
 Cross Section -7.406 To 46.45 %



MAT 3449 MT= 54 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 50.19 %

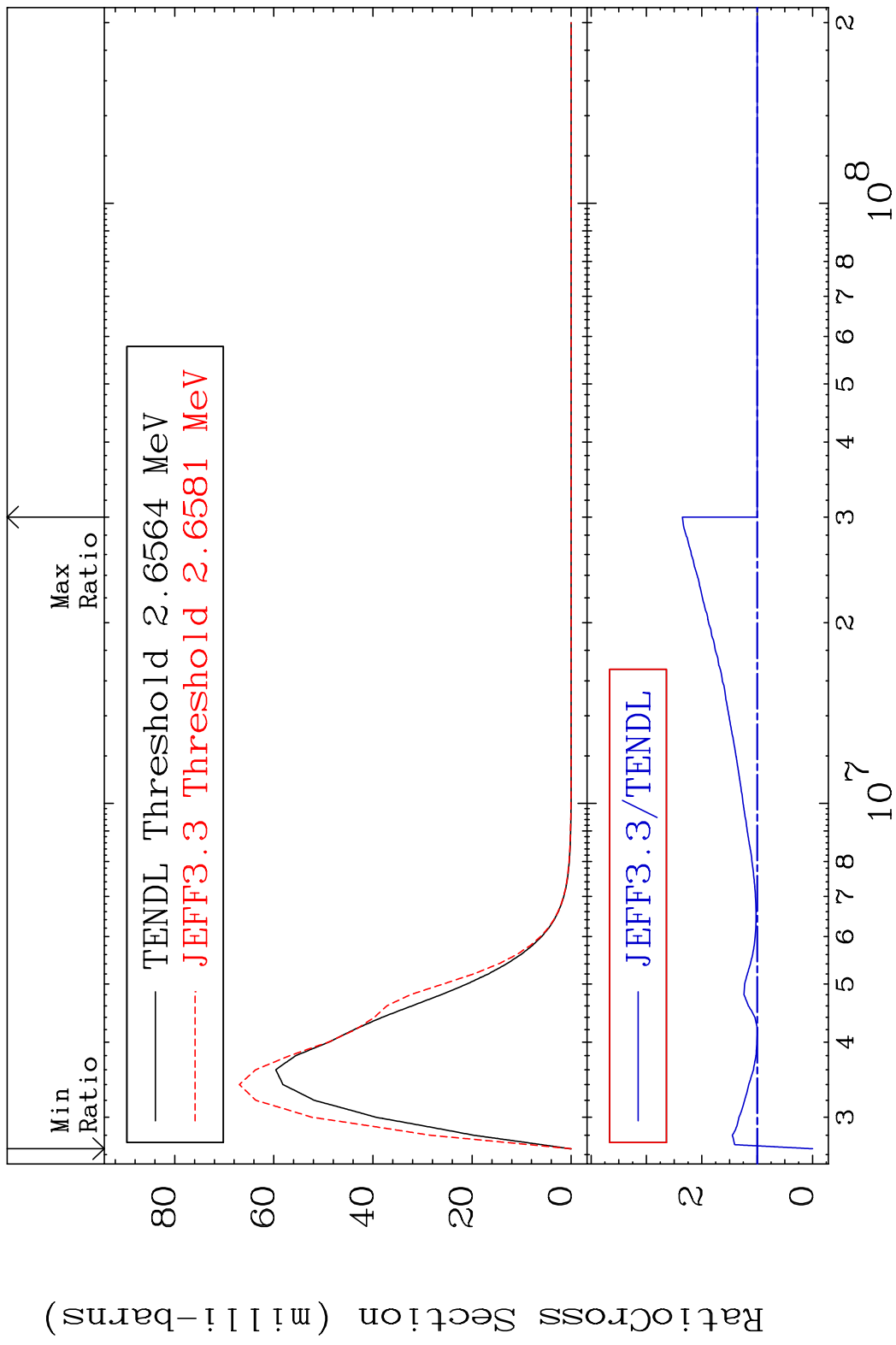


MAT 3449 MT= 55 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 210.5 %

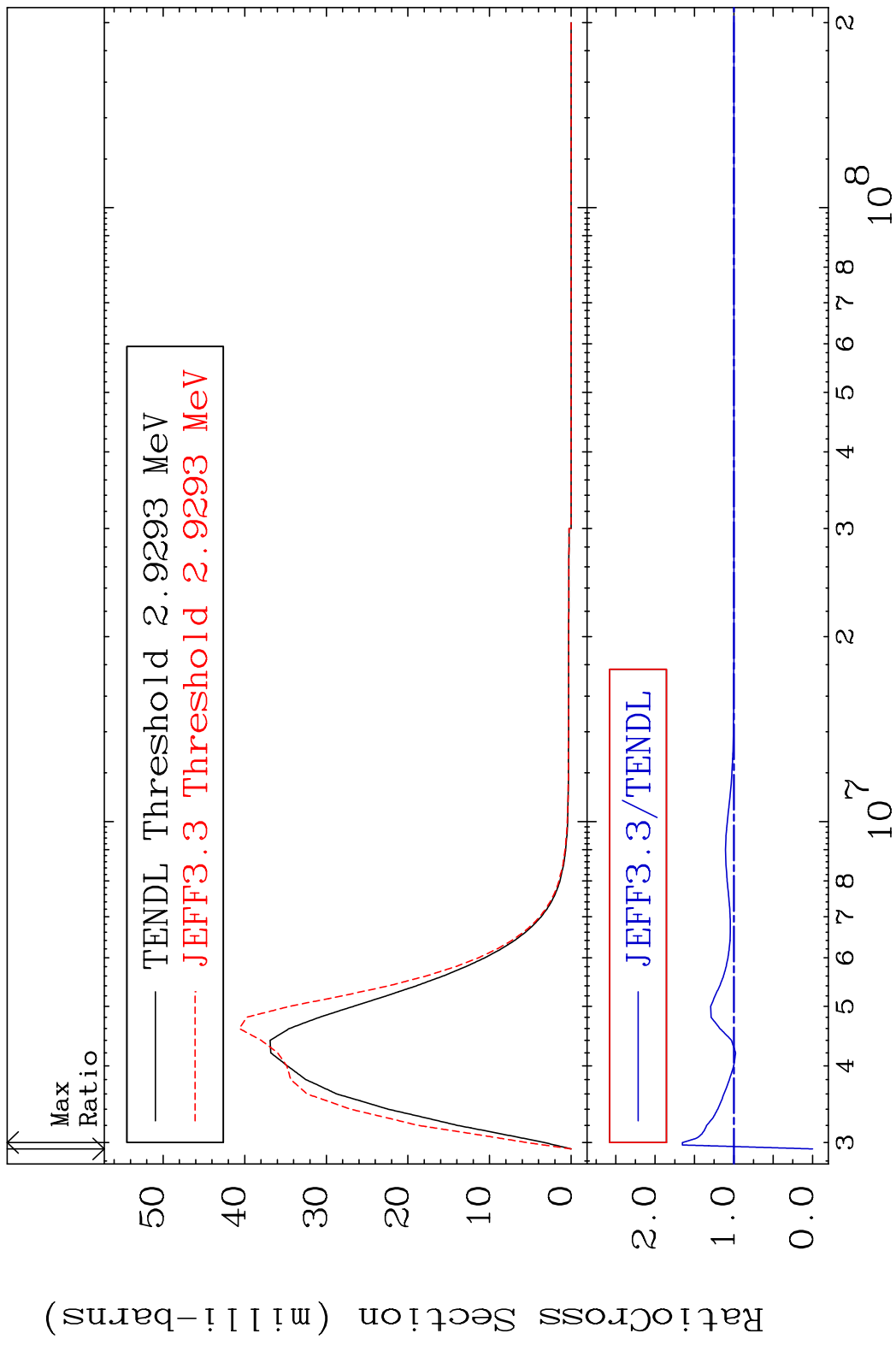


20 34-Se-82

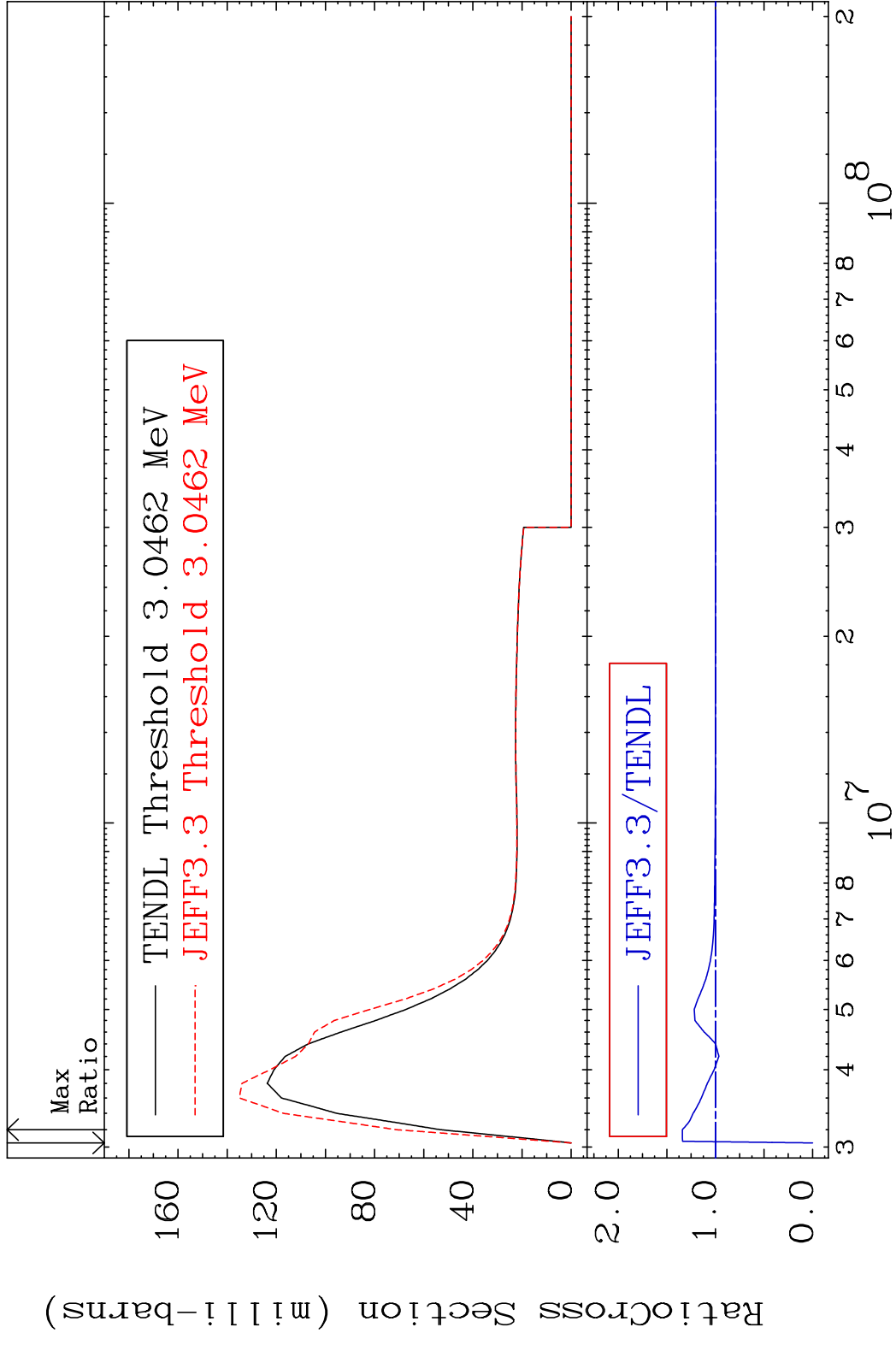
MAT 3449 MT= 56 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 135.2 %



MAT 3449 MT= 57 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 65.41 %

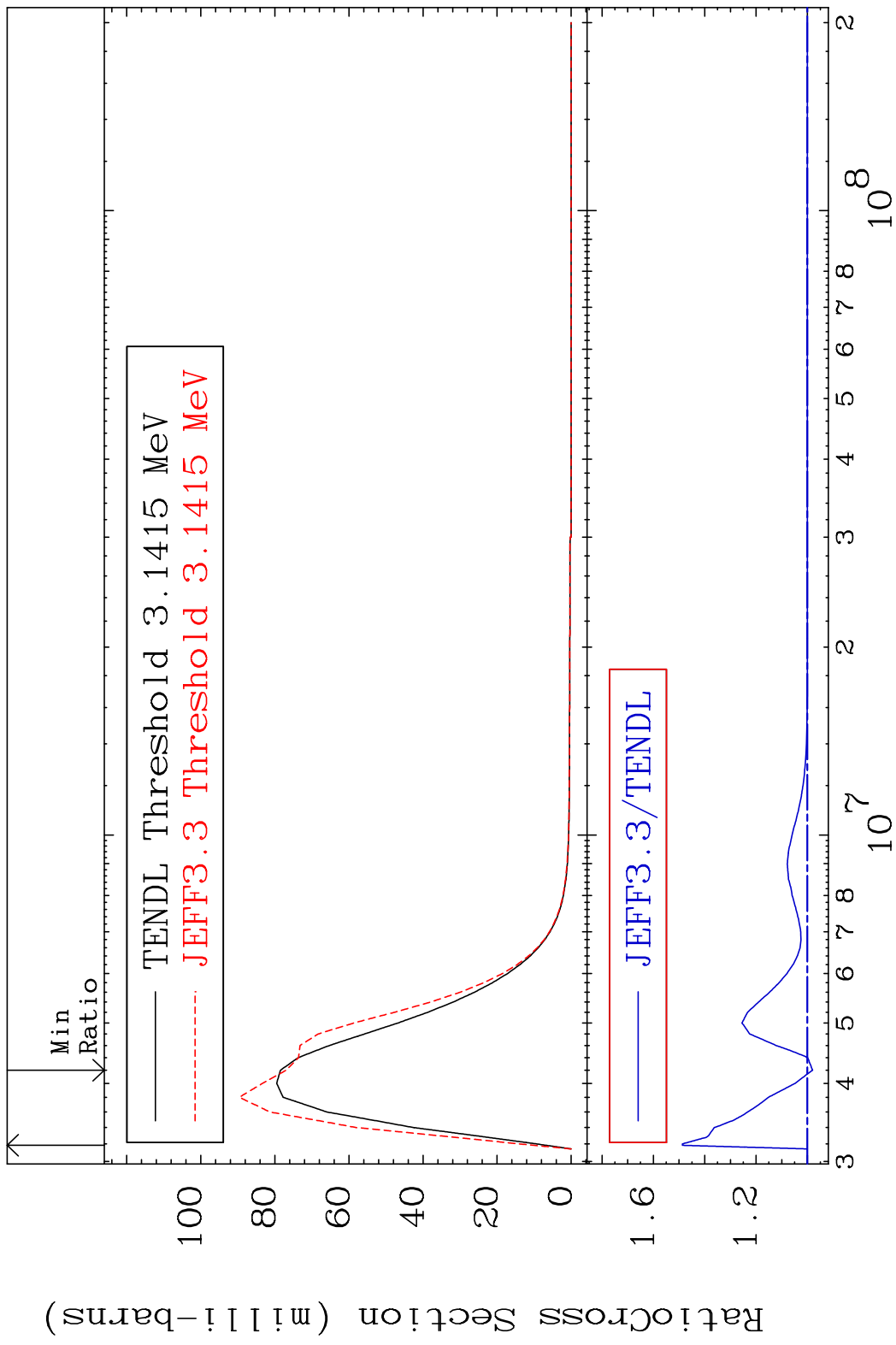


MAT 3449 MT= 58 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 34.02 %

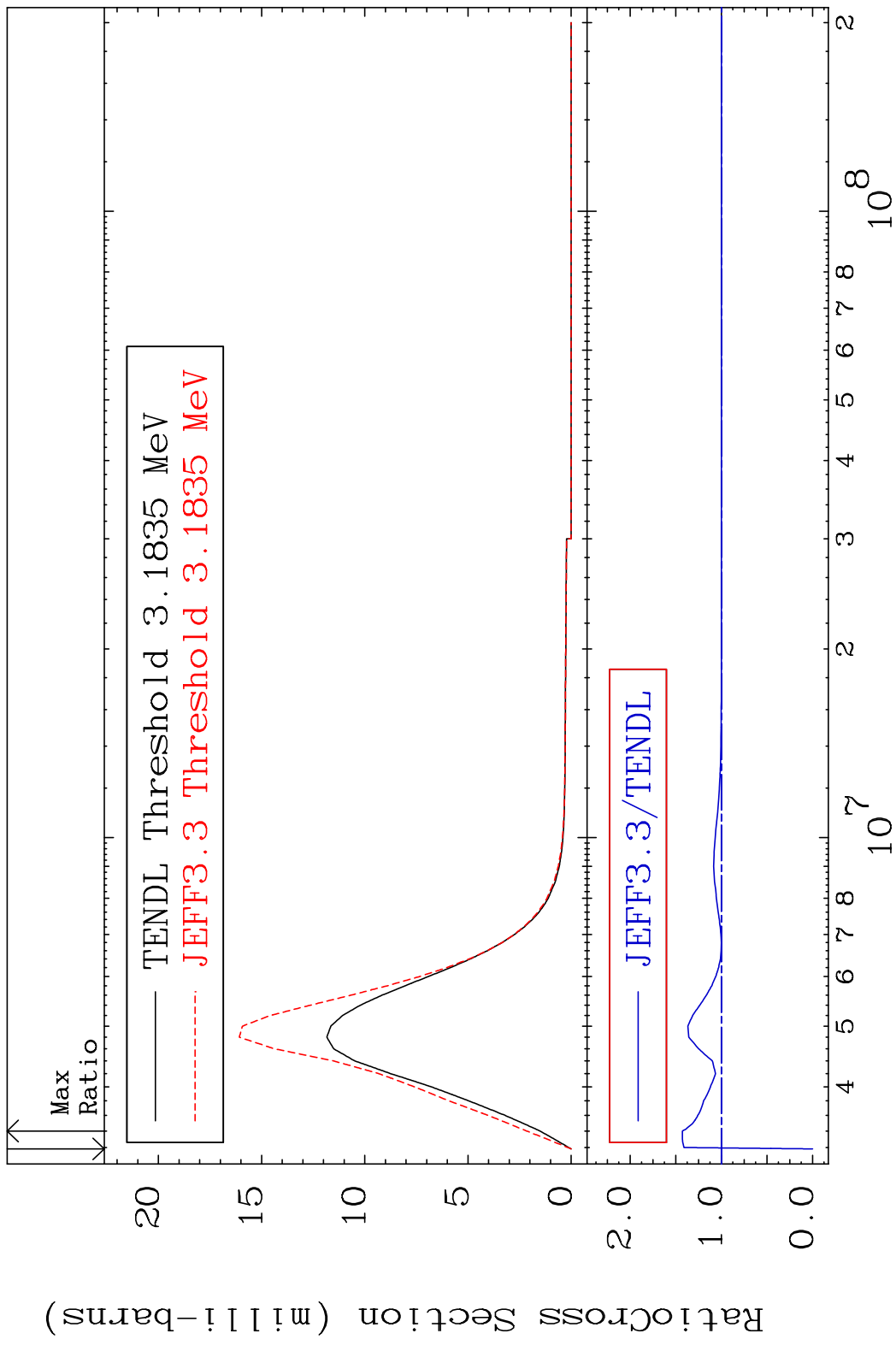




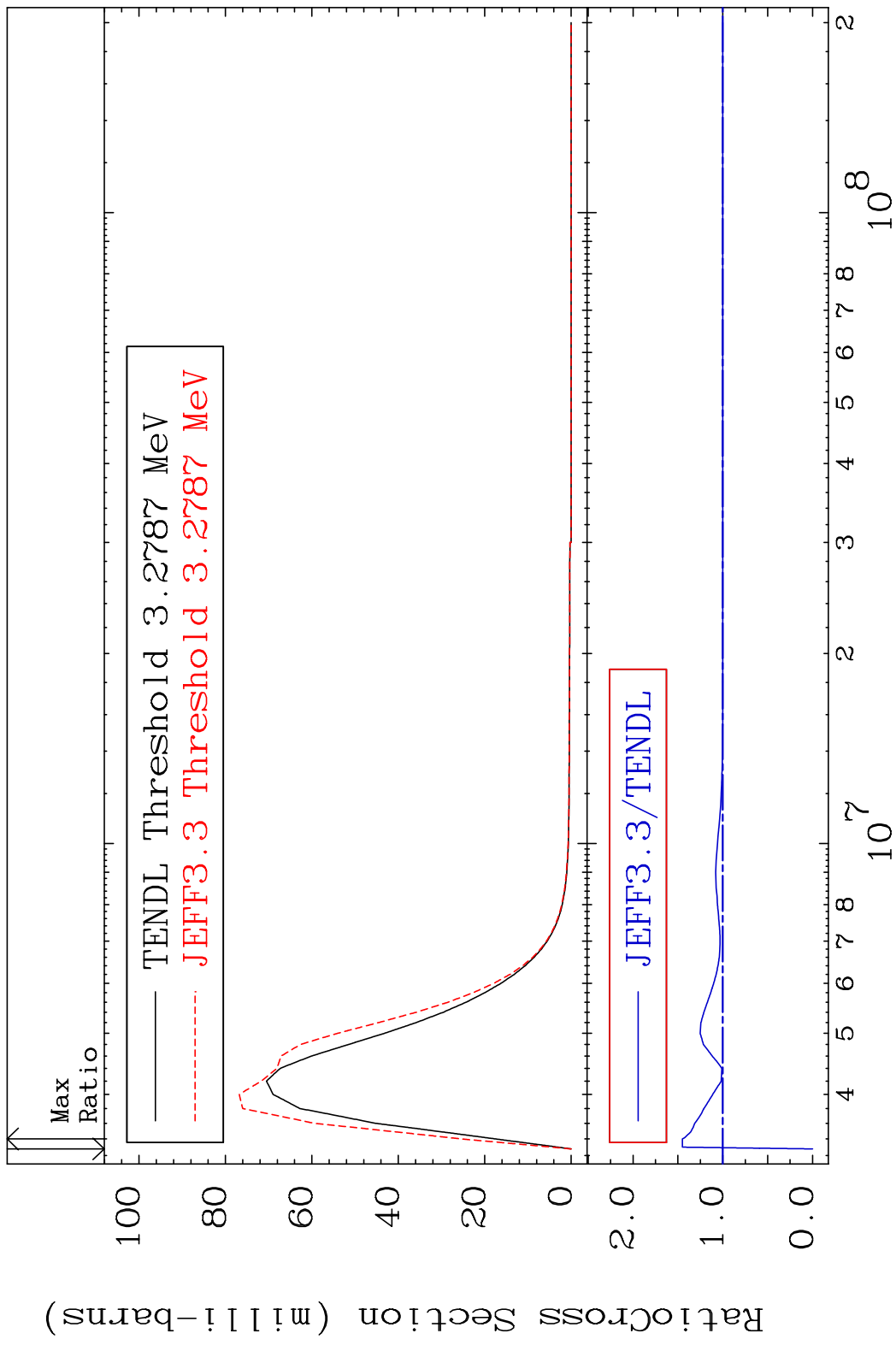
MAT 3449 MT= 59 (n, n') Level 34-Se-82  
 Cross Section -1.995 To 48.71 %



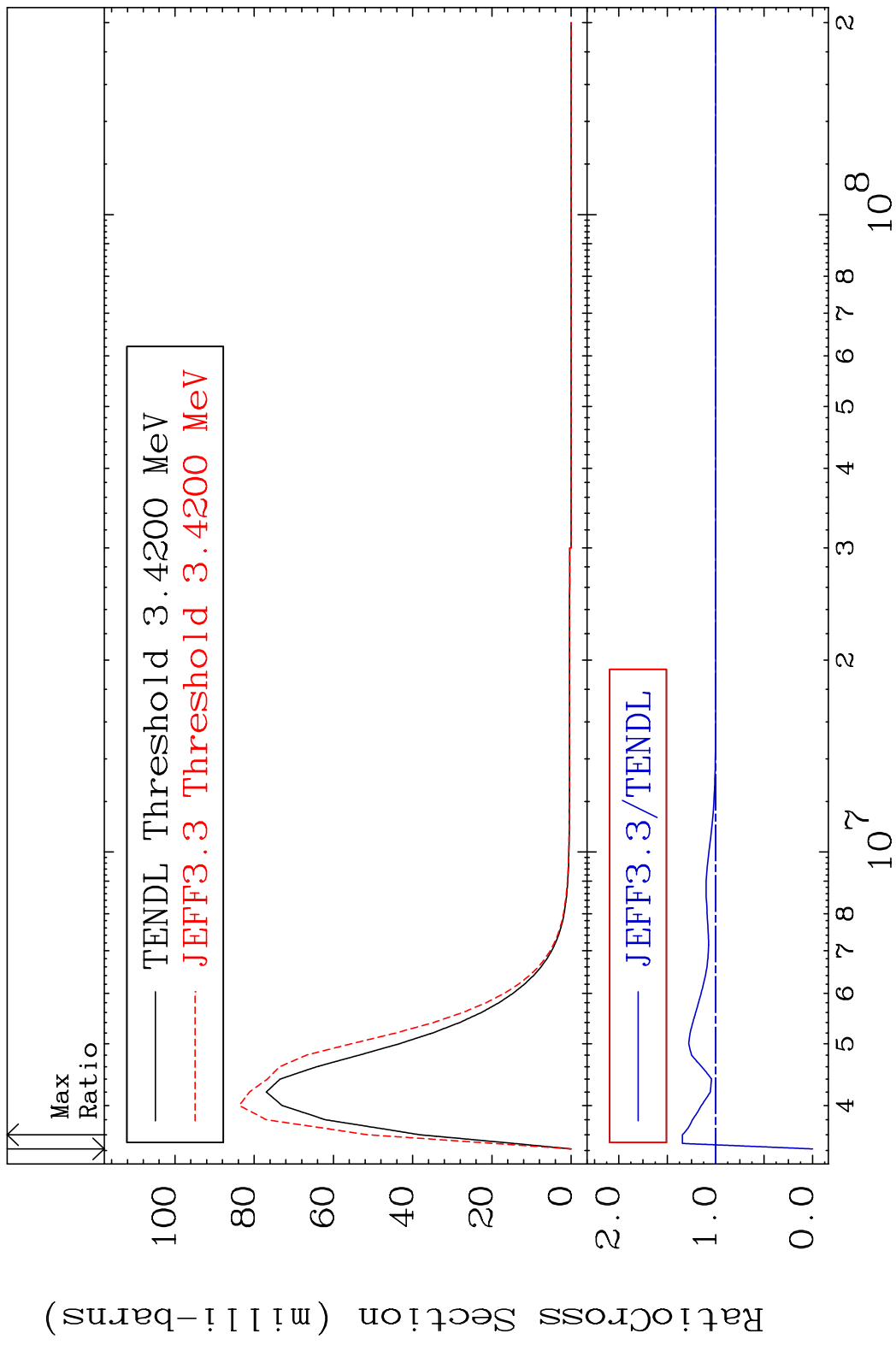
MAT 3449 MT= 60 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 42.80 %



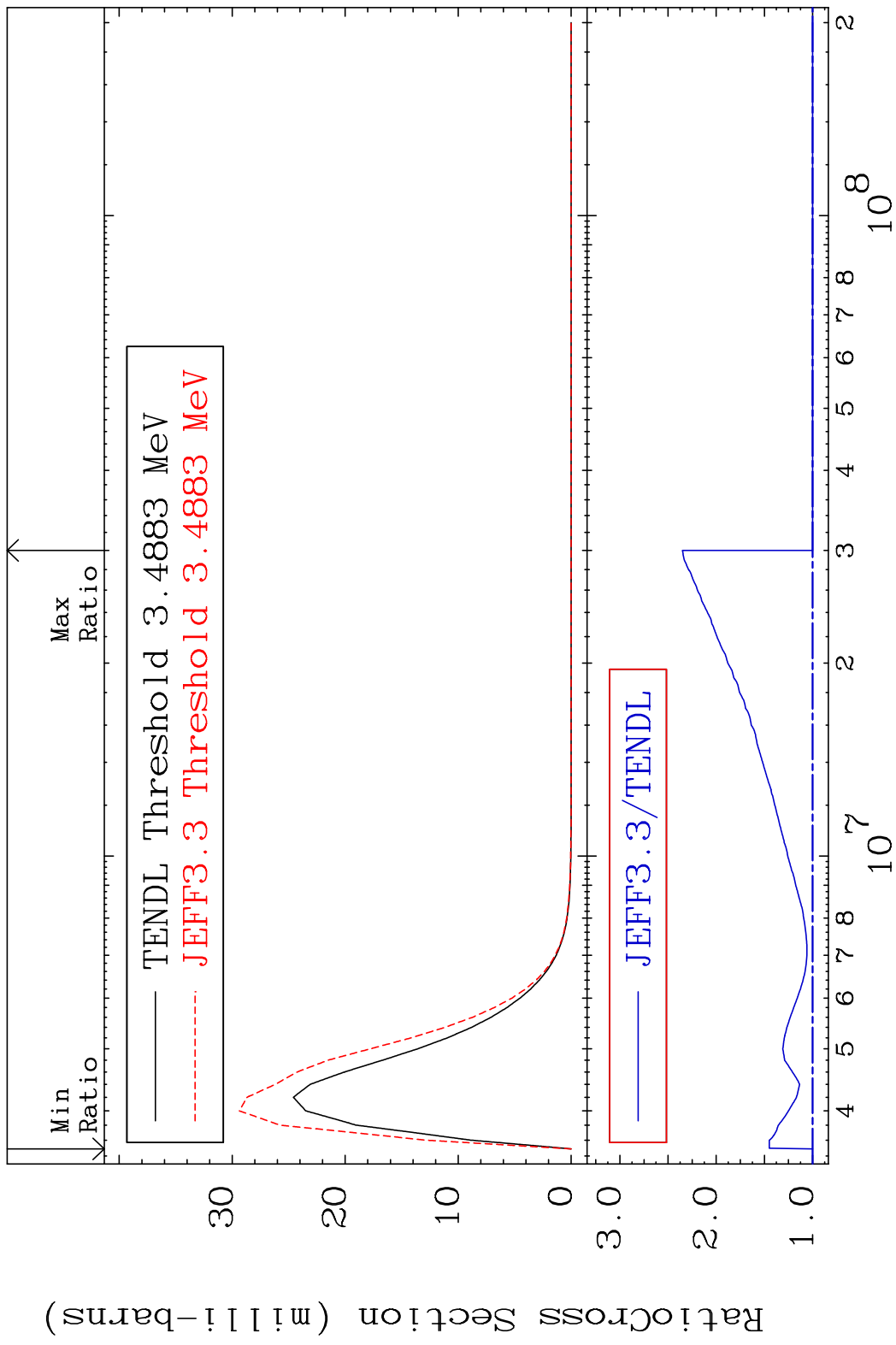
MAT 3449 MT= 61 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 45.05 %



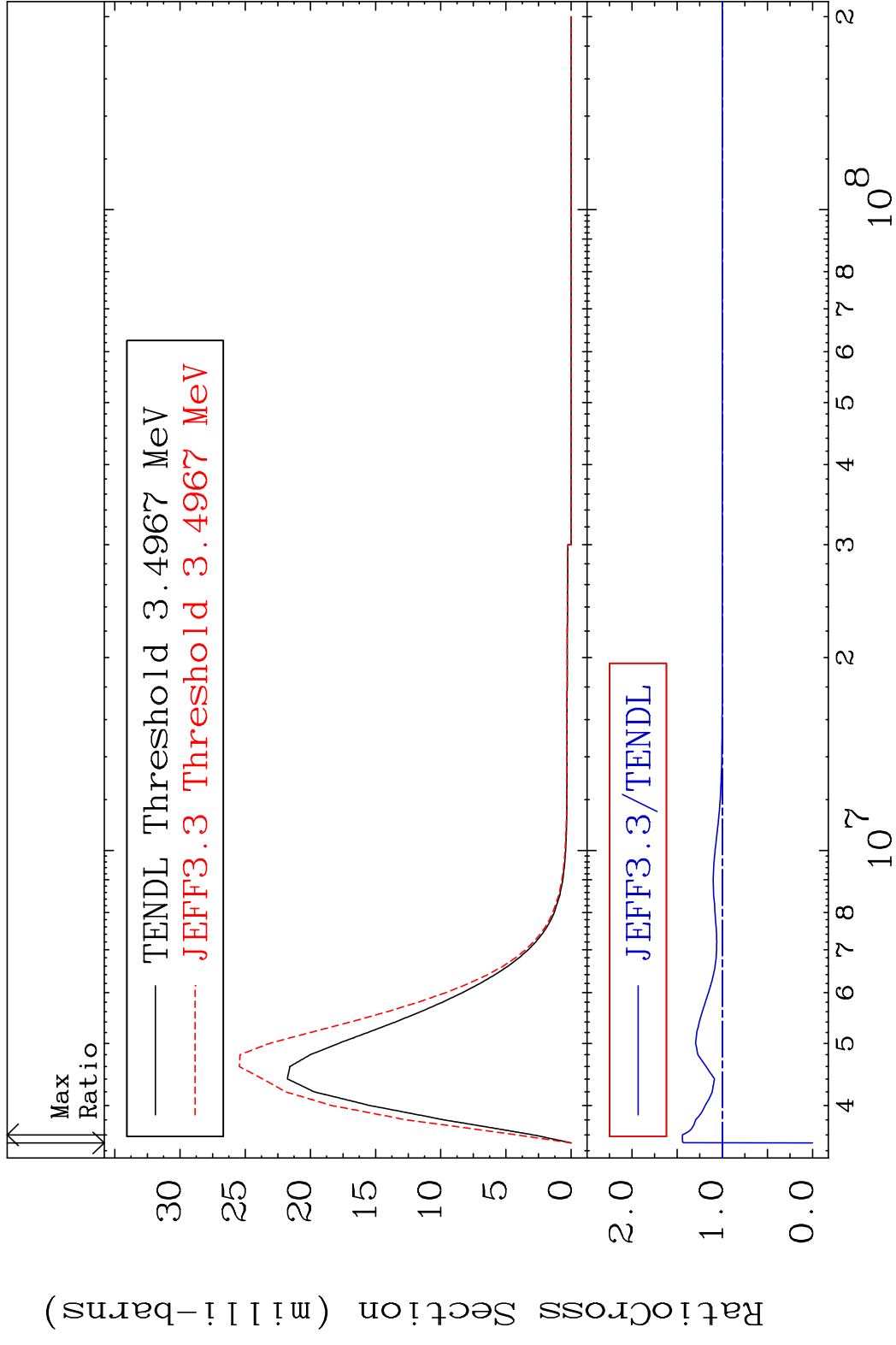
MAT 3449 MT= 62 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 34.41 %



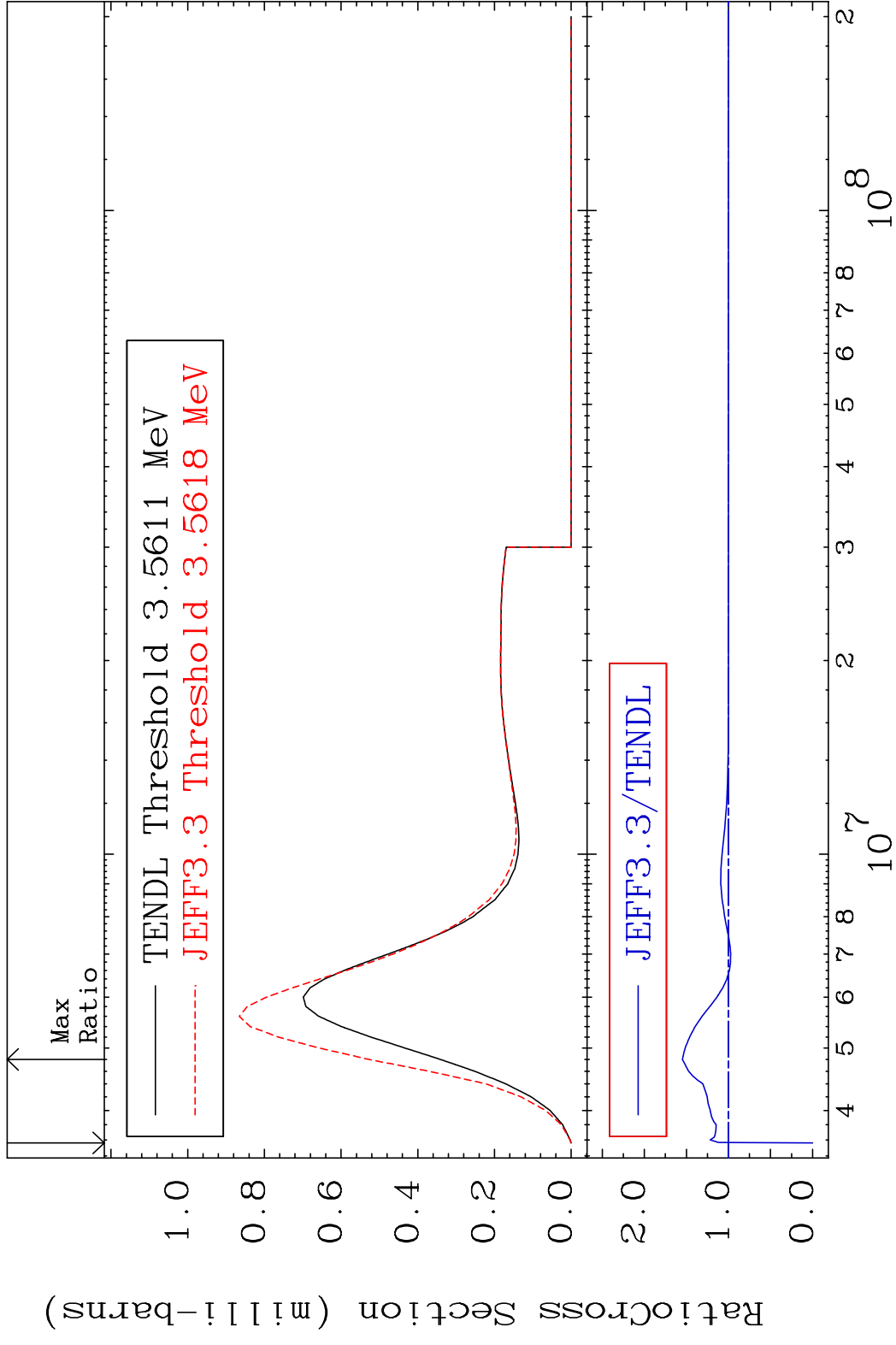
MAT 3449 MT= 63 (n, n') Level 34-Se-82  
 Cross Section 0.000 To 135.2 %



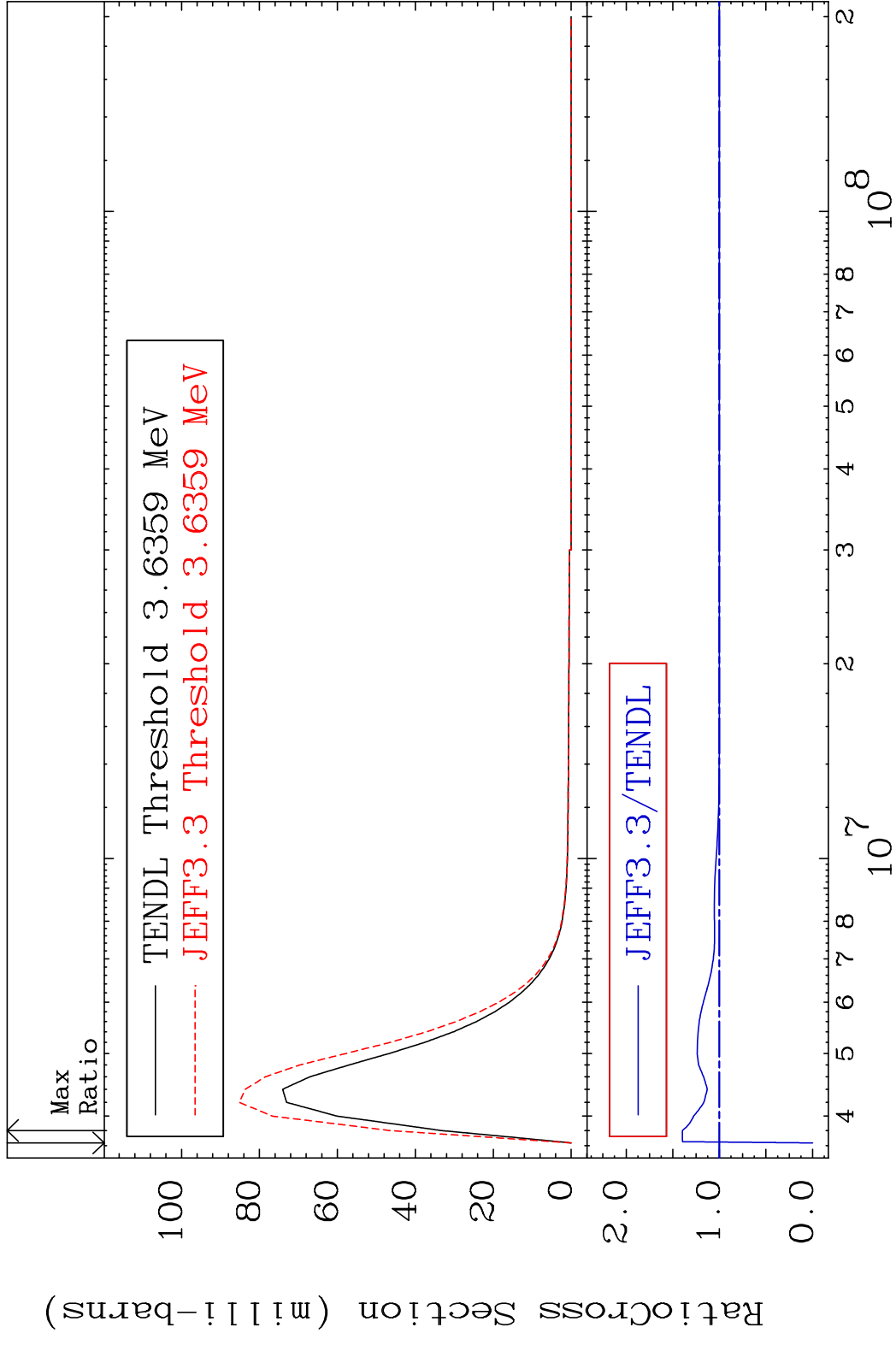
MAT 3449 MT= 64 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 44.23 %



MAT 3449 MT= 65 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 54.80 %

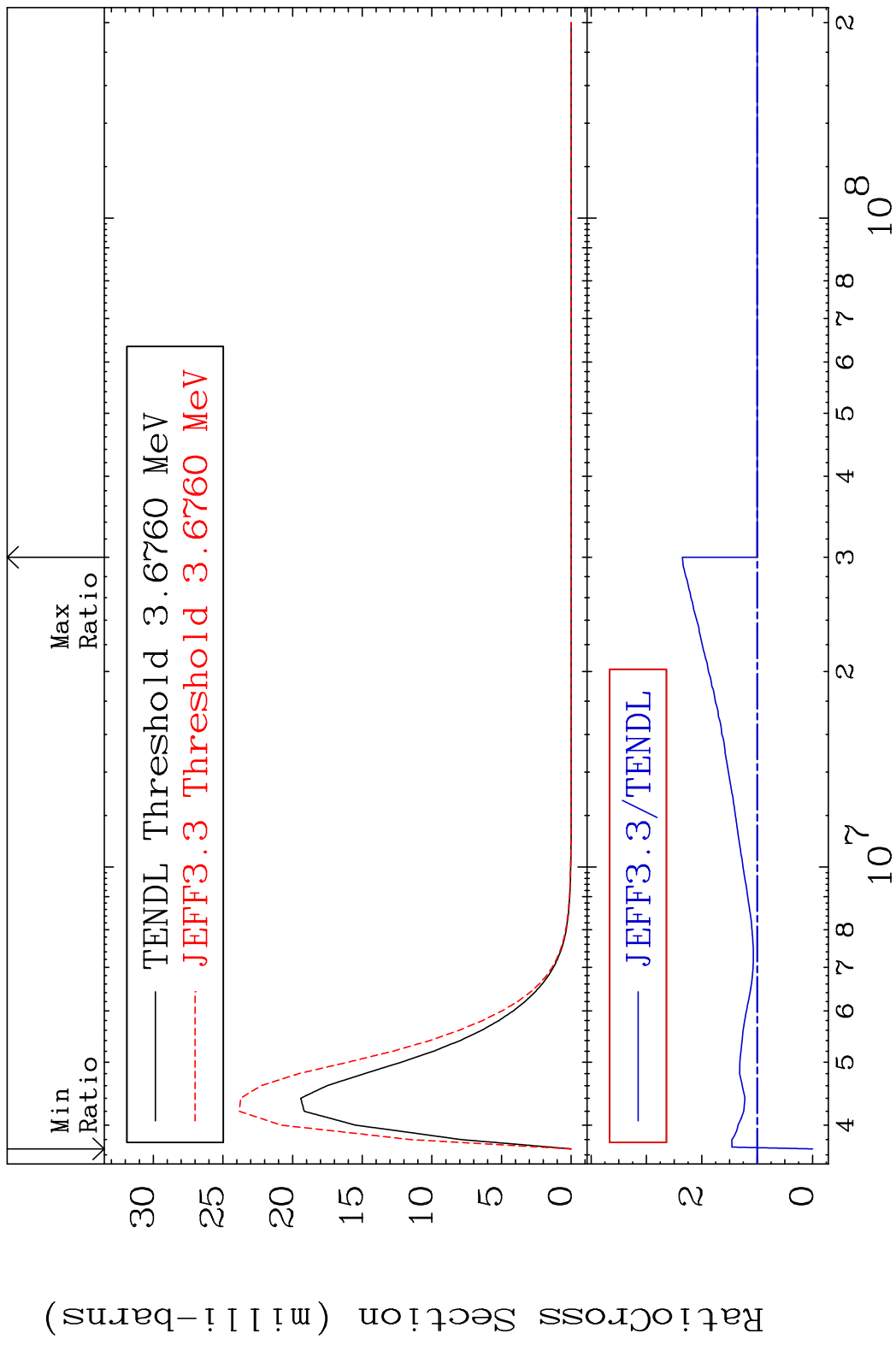


MAT 3449 MT= 66 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 39.72 %

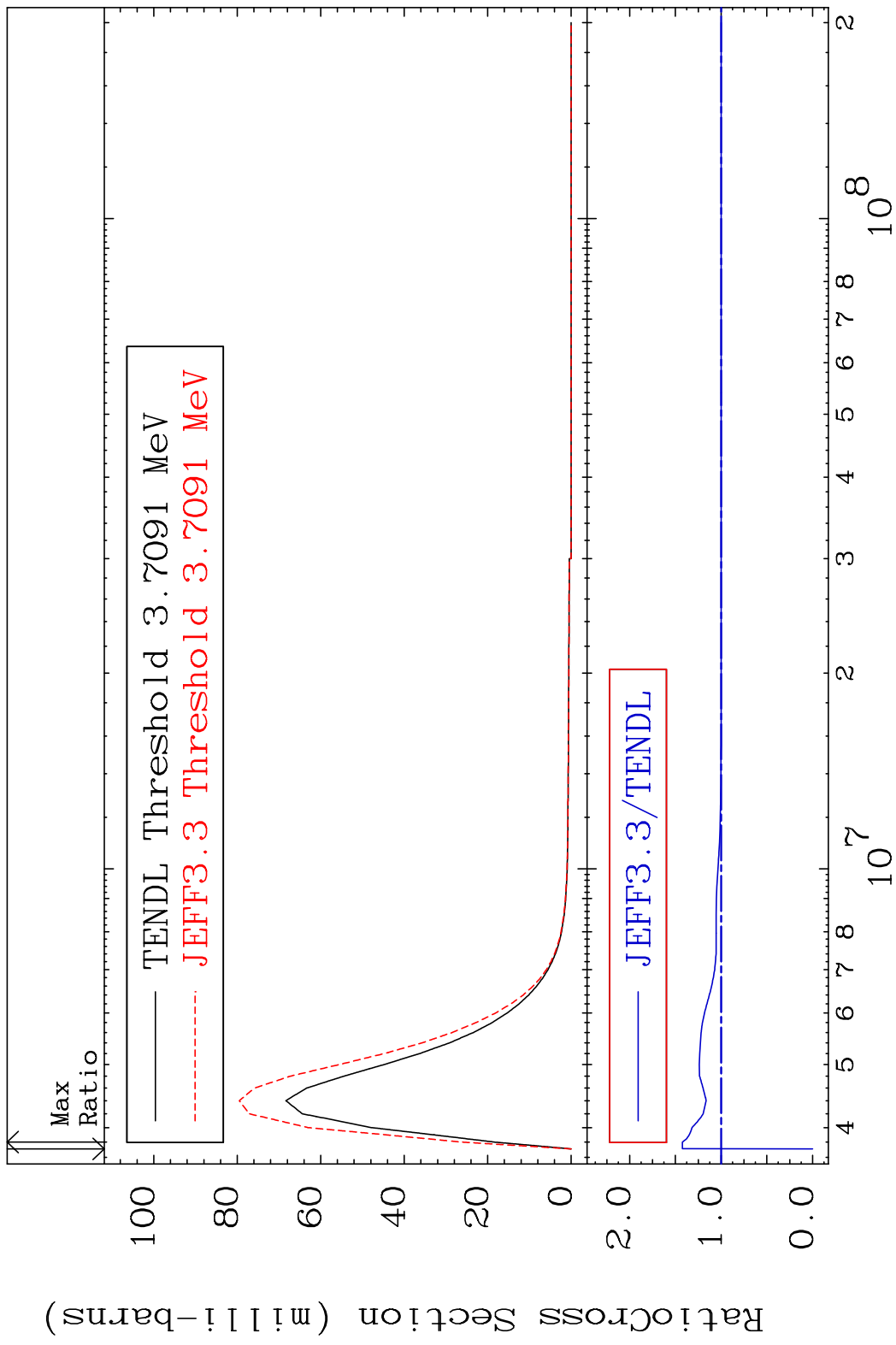




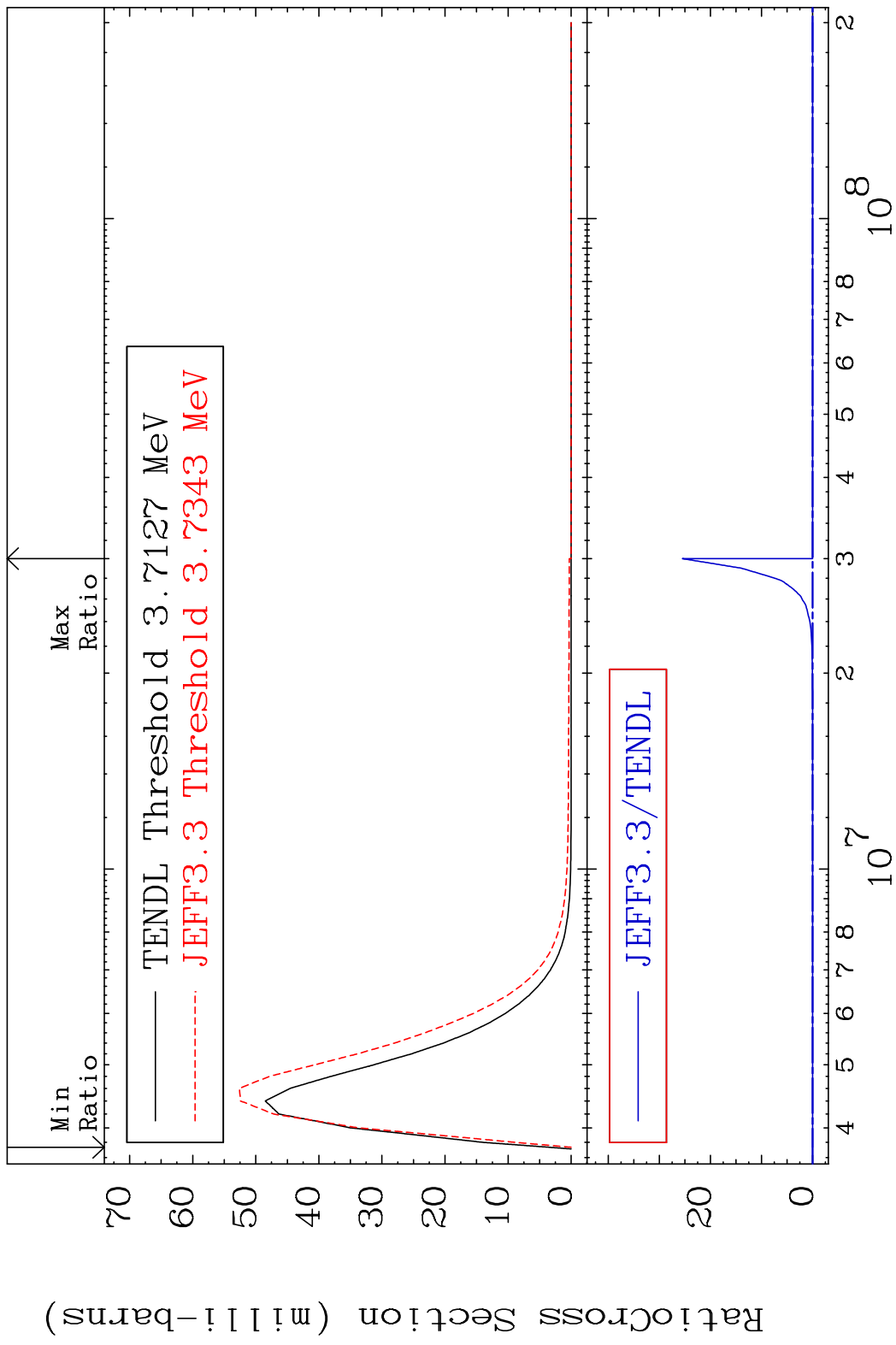
MAT 3449 MT= 67 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 135.2 %



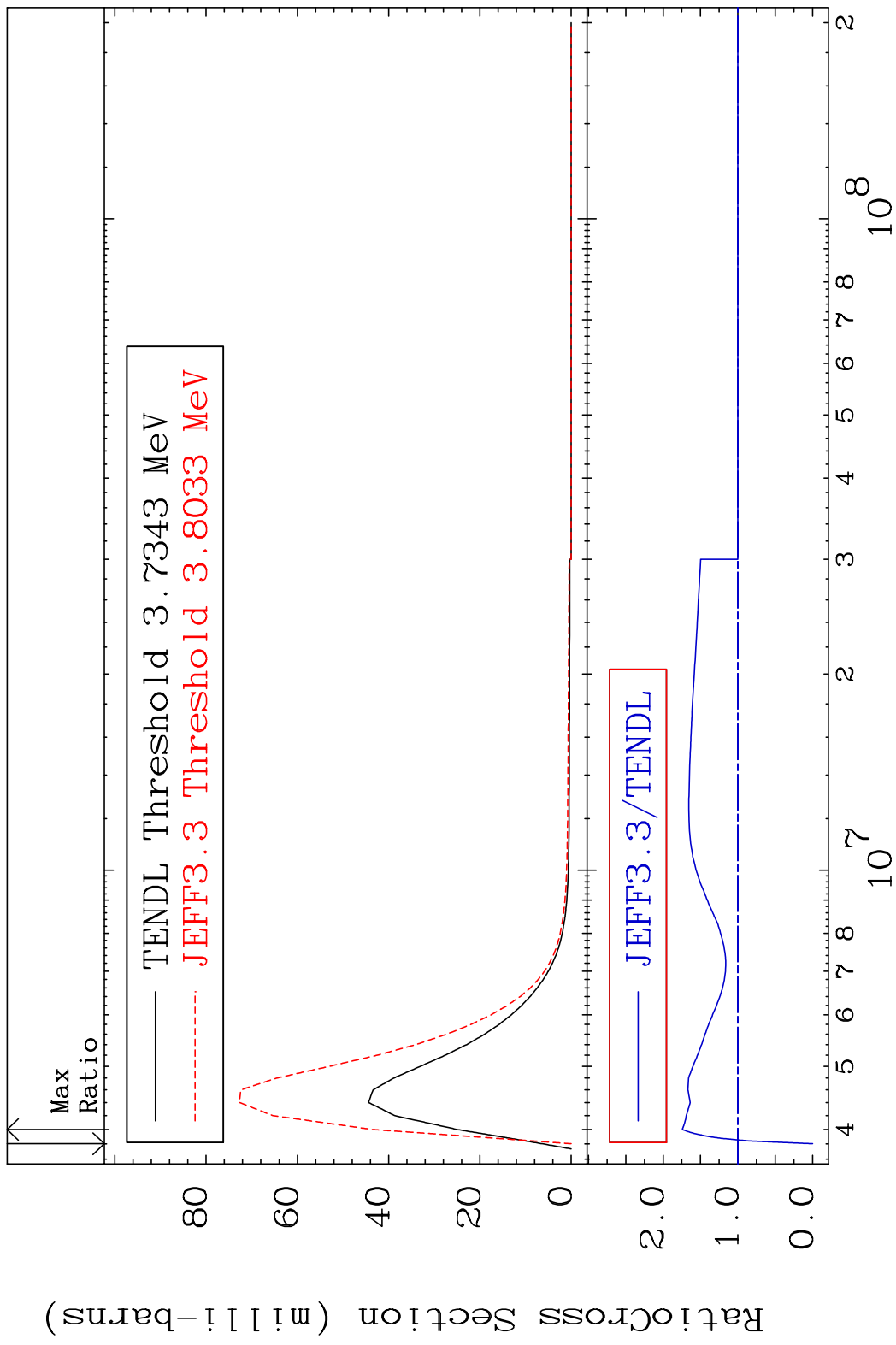
MAT 3449 MT= 68 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 42.39 %



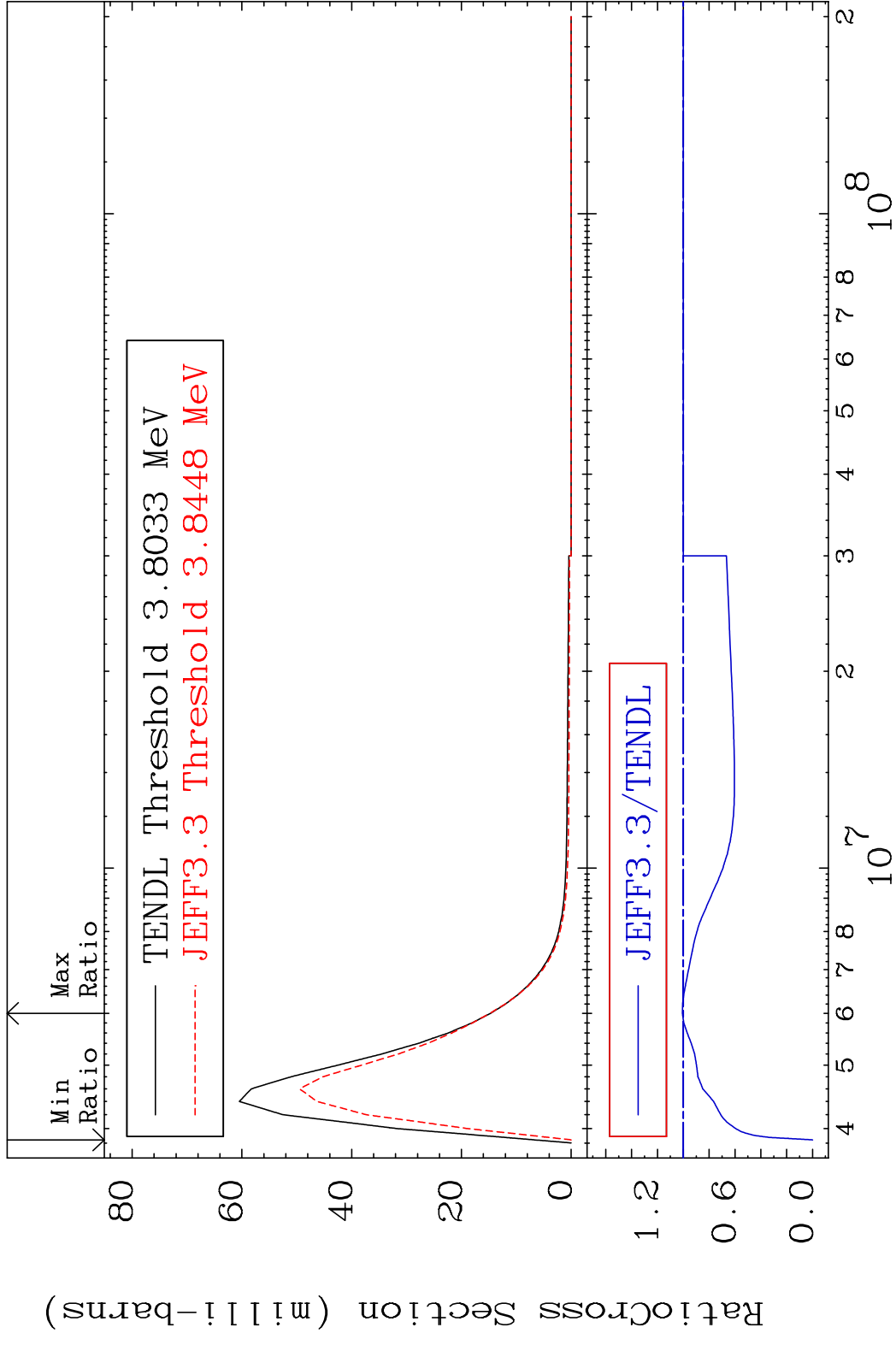
MAT 3449 MT= 69 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 9999. %



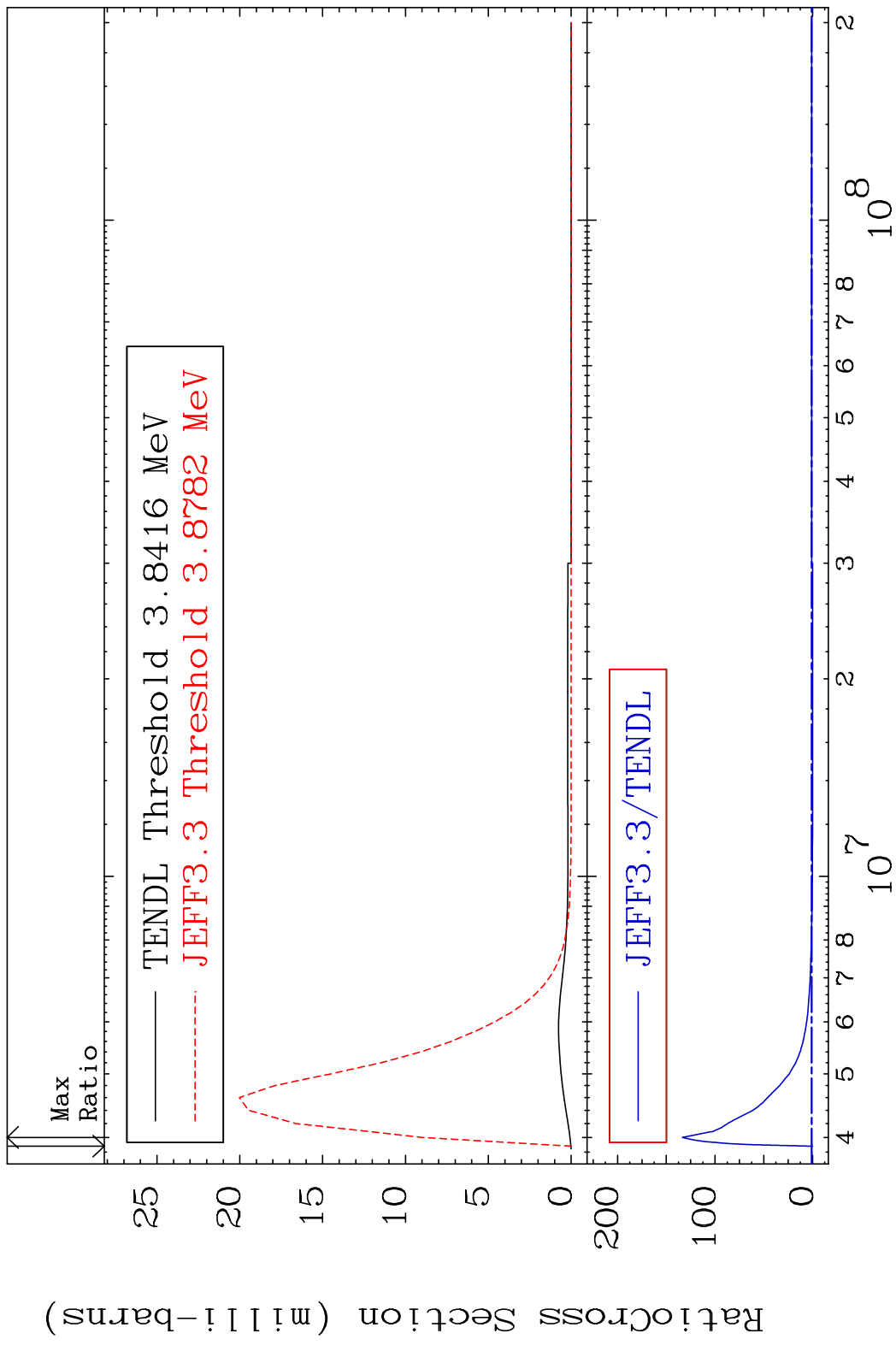
MAT 3449 MT= 70 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 74.28 %



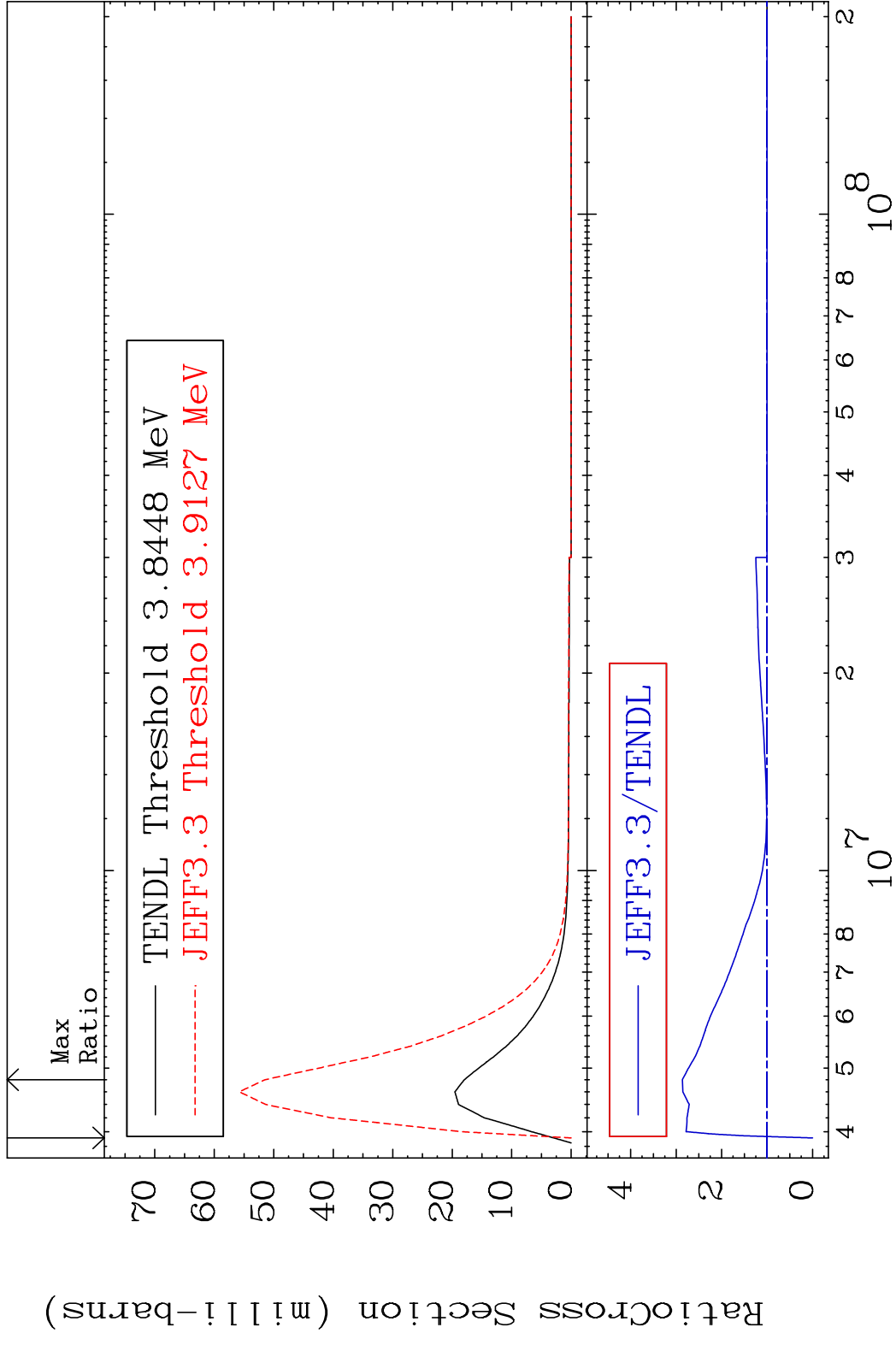
MAT 3449 MT= 71 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 0.737 %



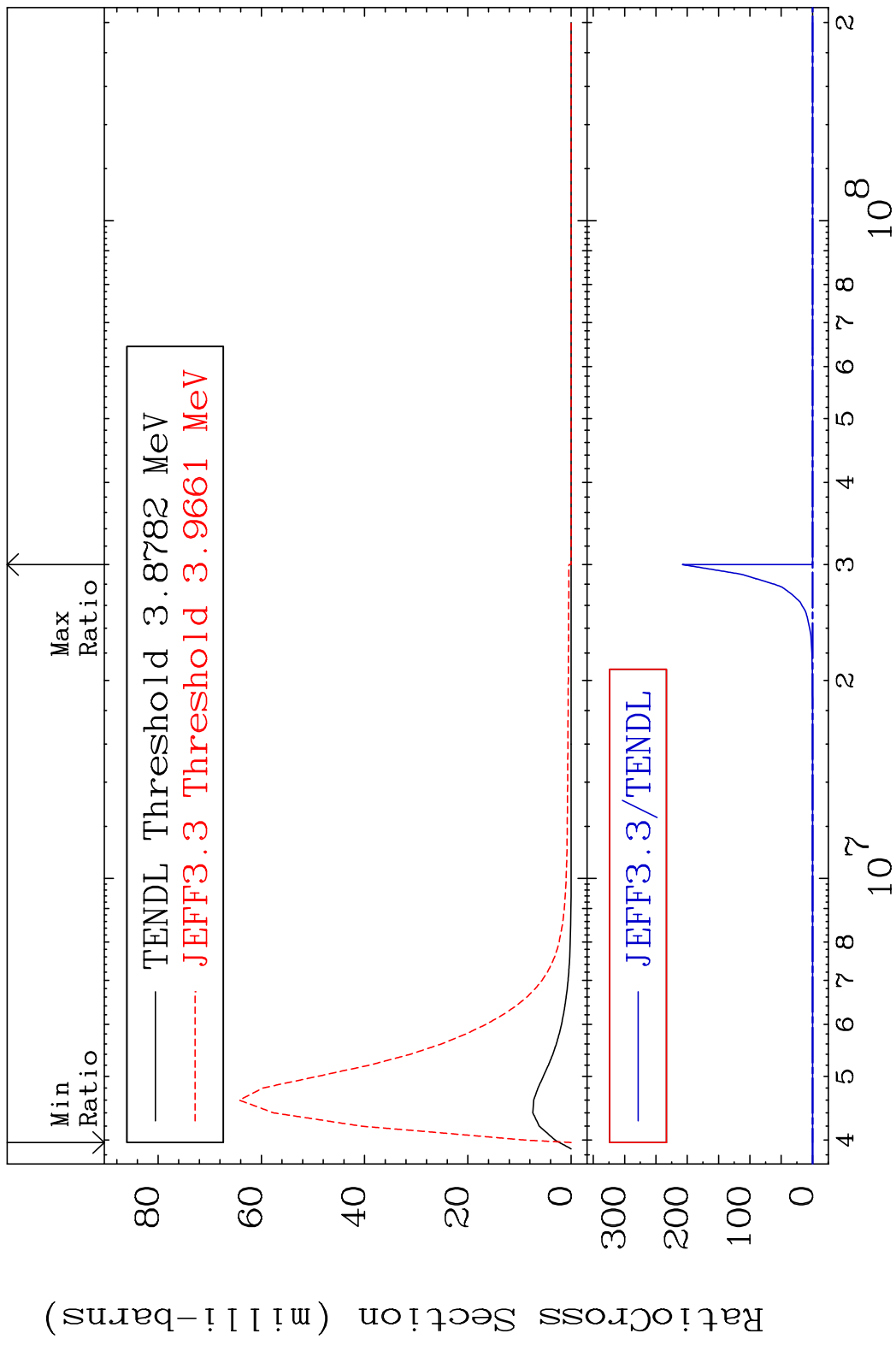
MAT 3449 MT= 72 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 9999. %



MAT 3449 MT= 73 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 186.4 %

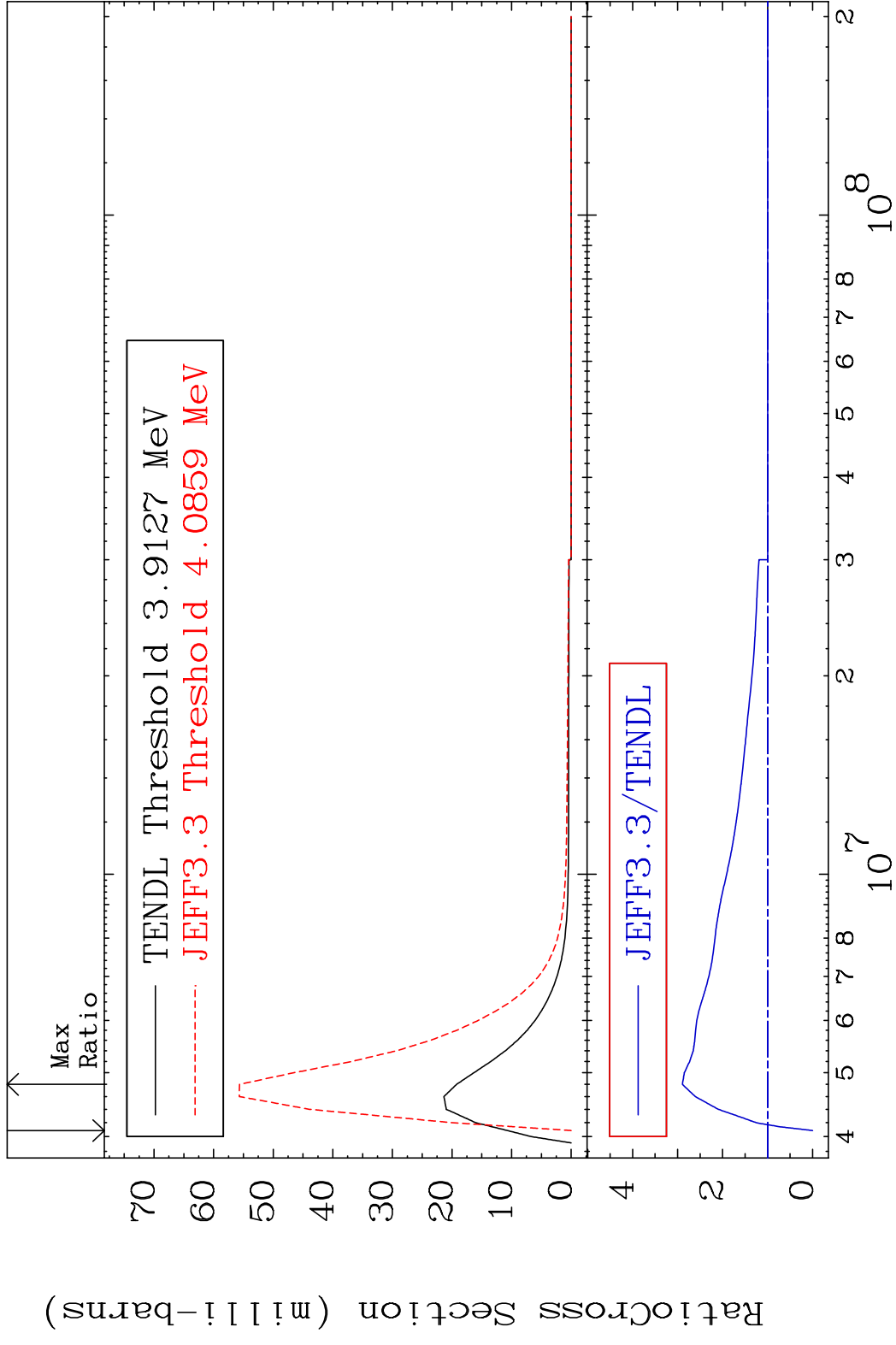


MAT 3449 MT= 74 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 9999. %



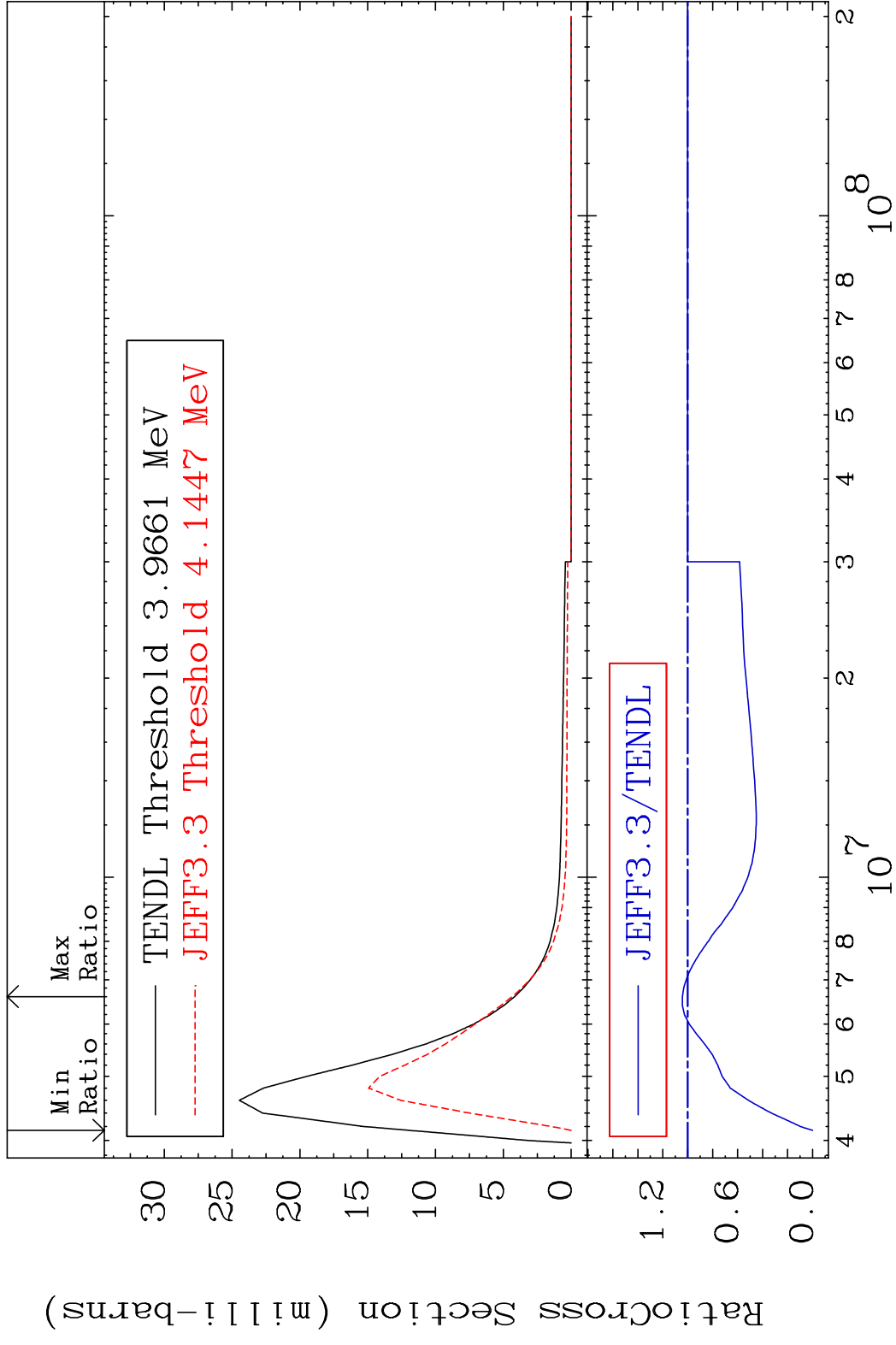


MAT 3449 MT= 75 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 189.5 %

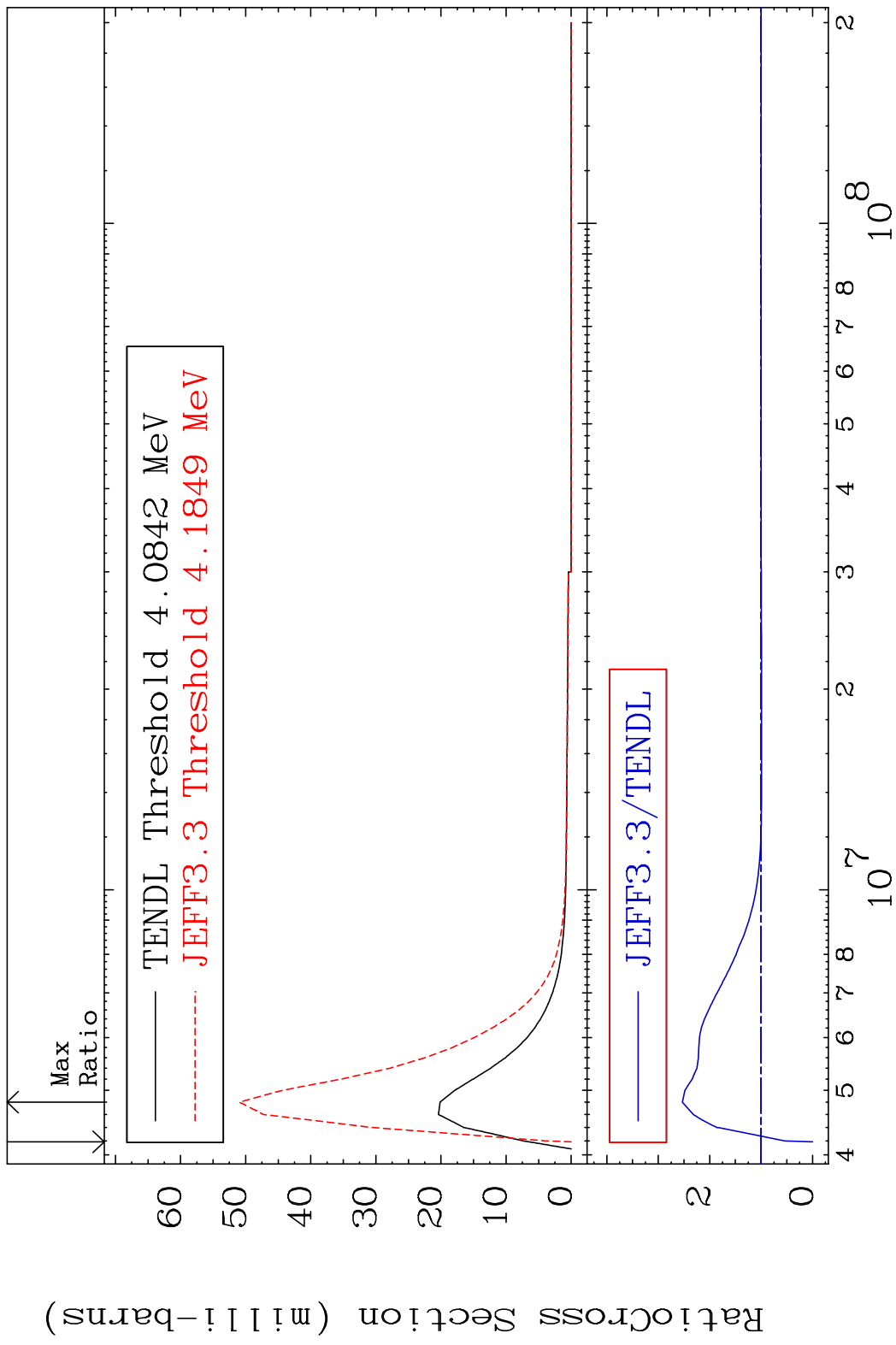


40 40 34-Se-82

MAT 3449 MT= 76 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 4.321 %

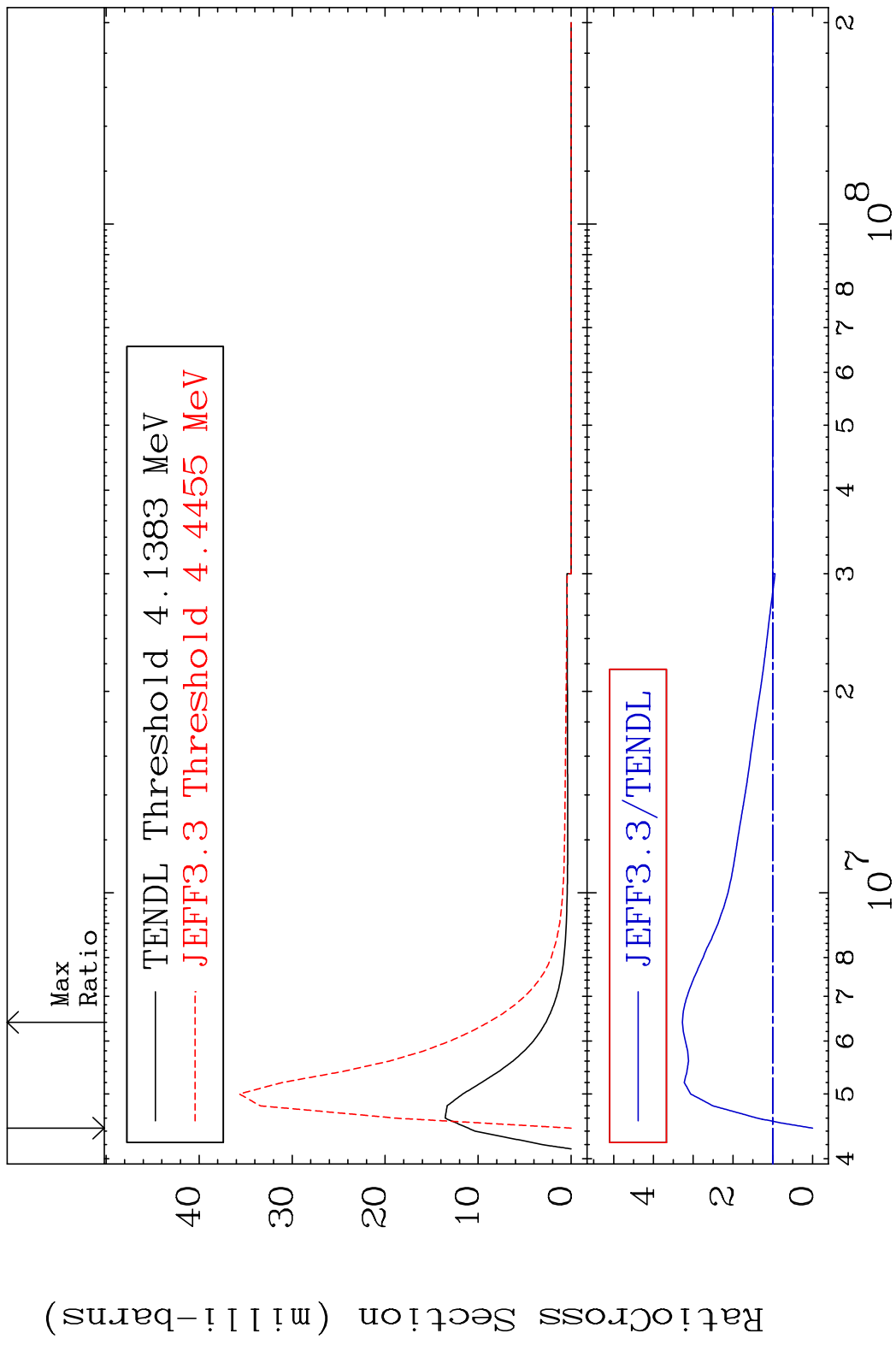


MAT 3449 MT= 77 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 153.1 %

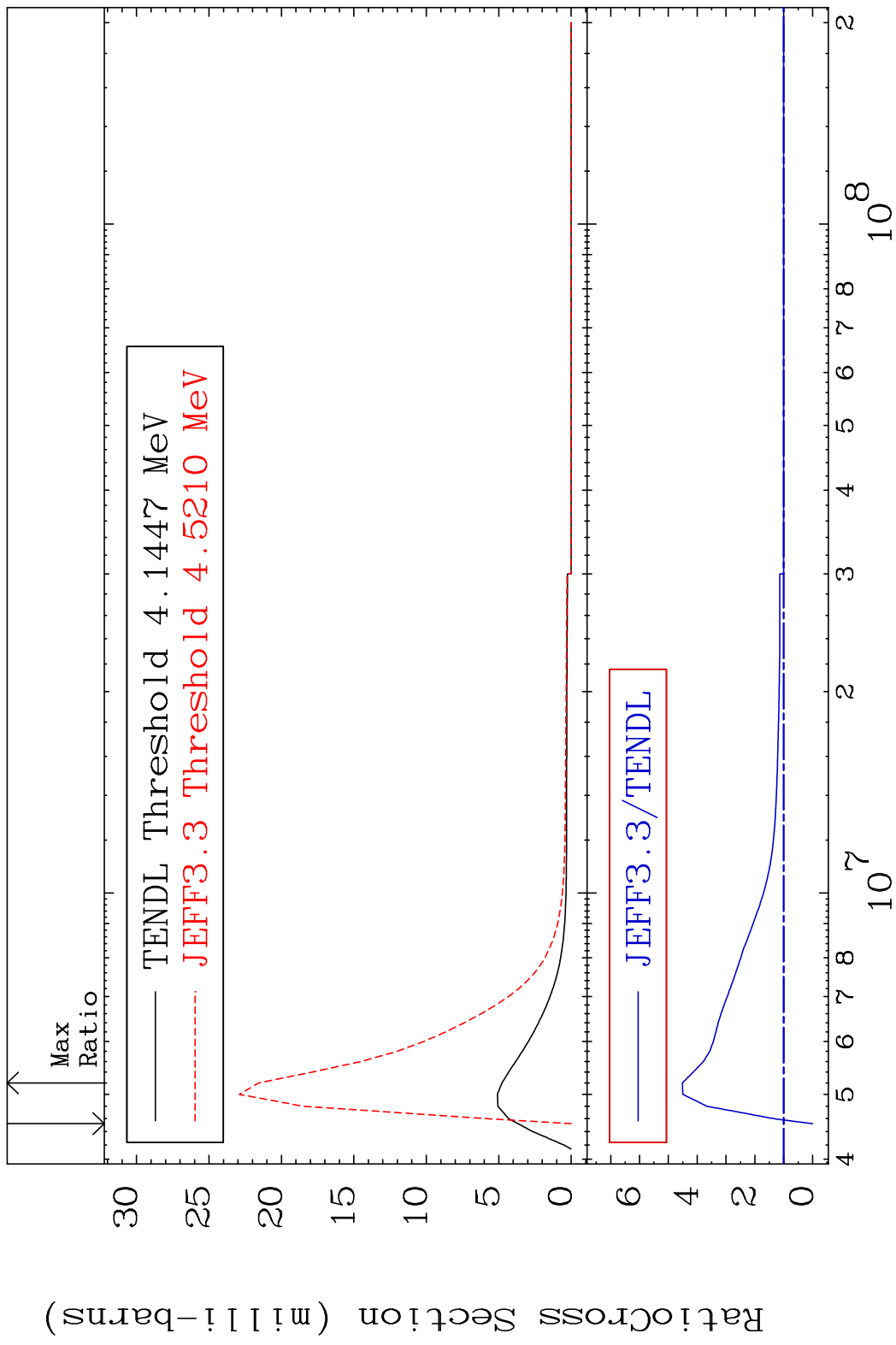


42 Incident Energy (eV) 34-Se-82

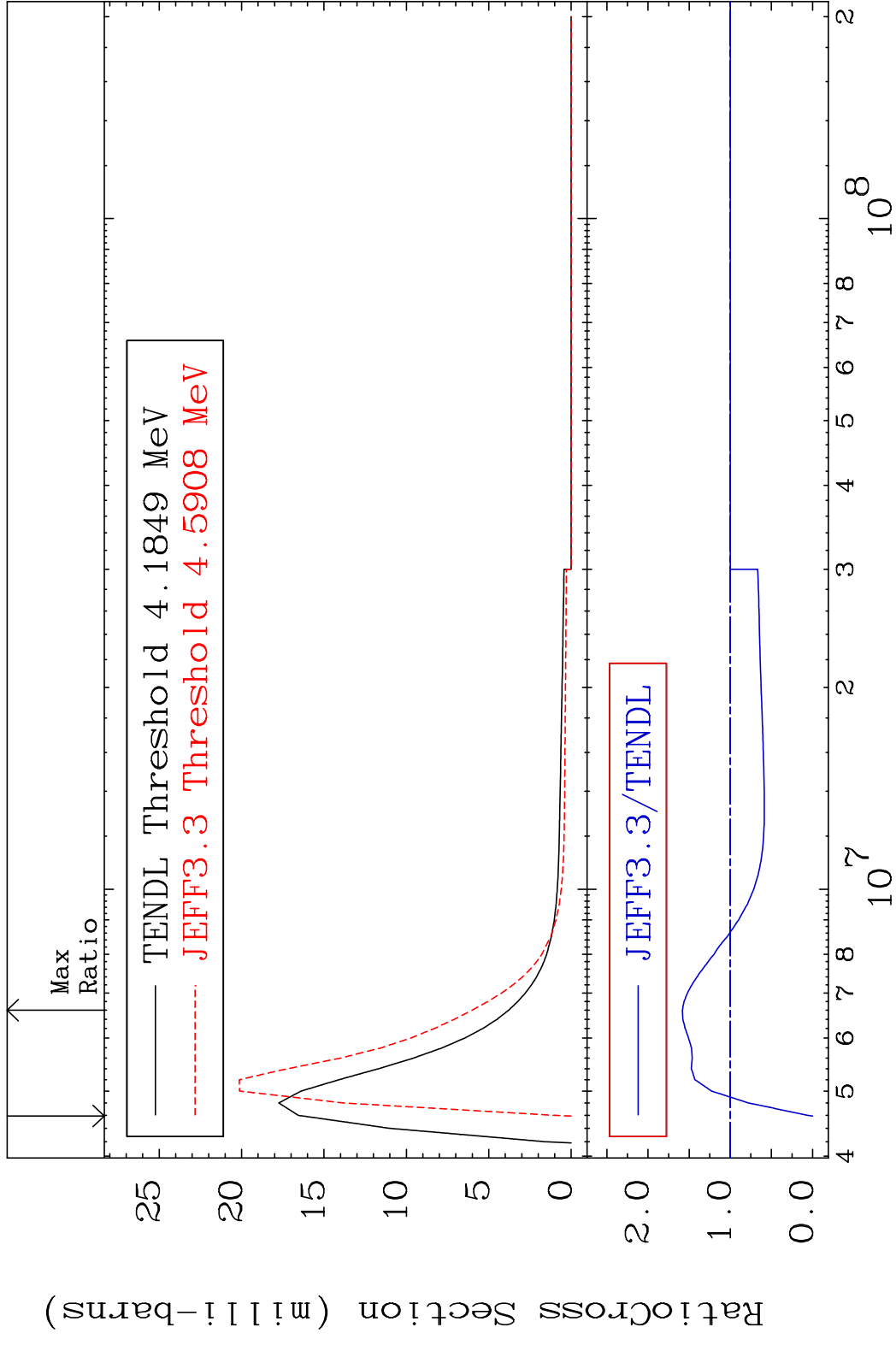
MAT 3449 MT= 78 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 227.3 %



MAT 3449 MT= 79 (n, n') Level 34-Se-82  
 Cross Section -100.0 To 351.5 %



MAT 3449 MT= 80 (n,n') Level 34-Se-82  
 Cross Section -100.0 To 58.30 %

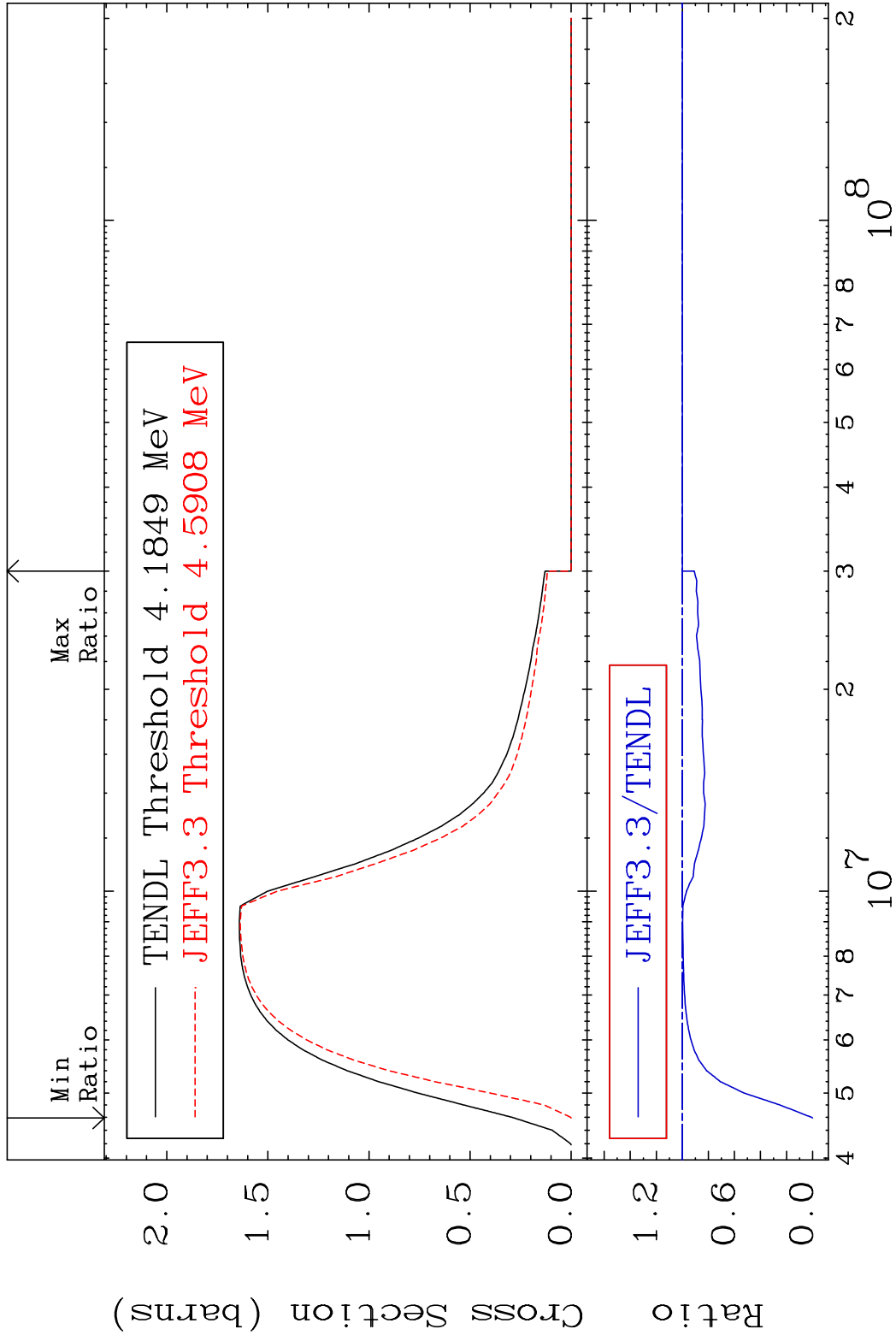


MAT 3449

(n, n') Continuum

<sup>34</sup>Se-82

Cross Section -100.0 To 0.000 %



46

Incident Energy (eV)

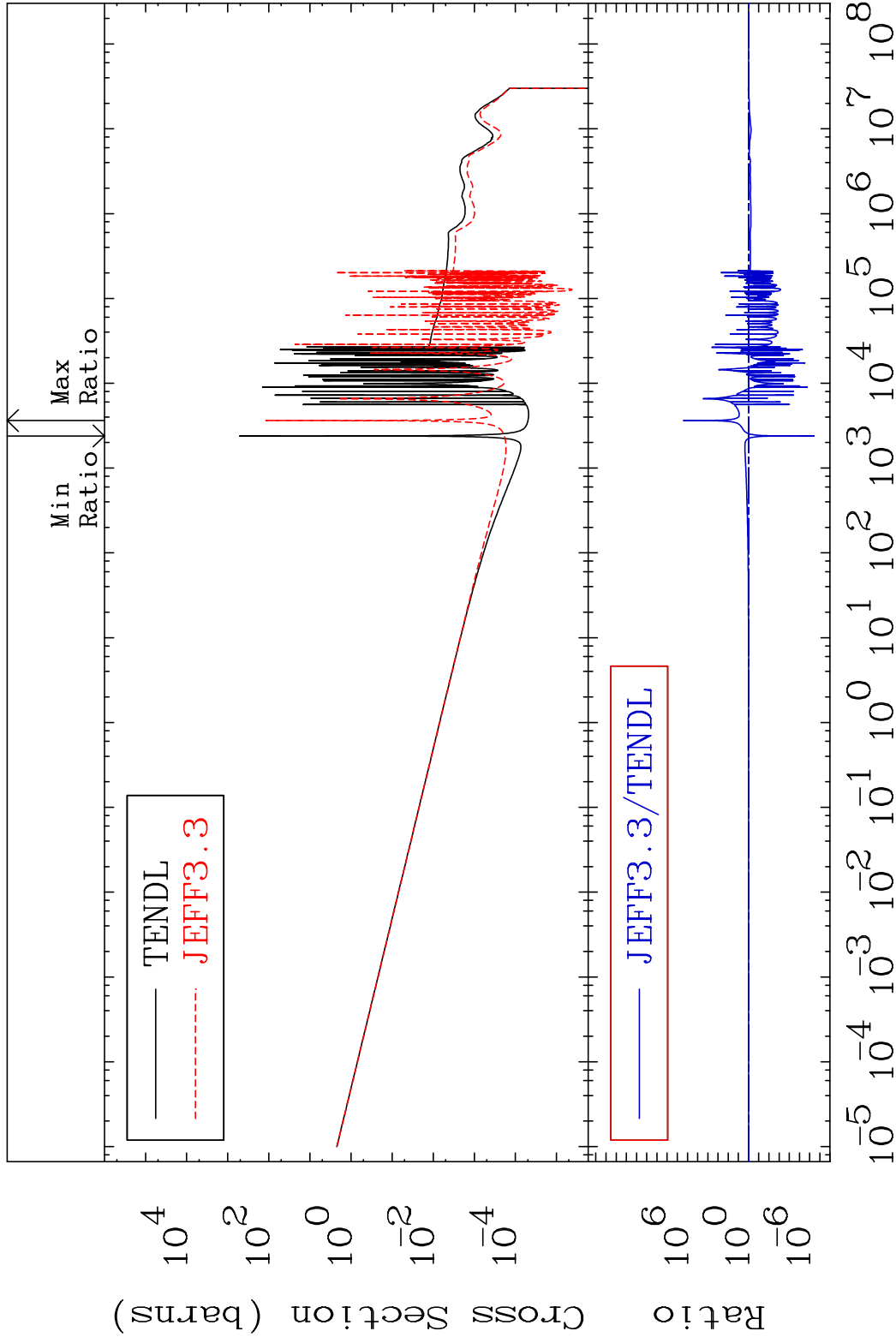
<sup>34</sup>Se-82

MAT 3449

(n,  $\gamma$ )

34-Se-82

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

34-Se-82

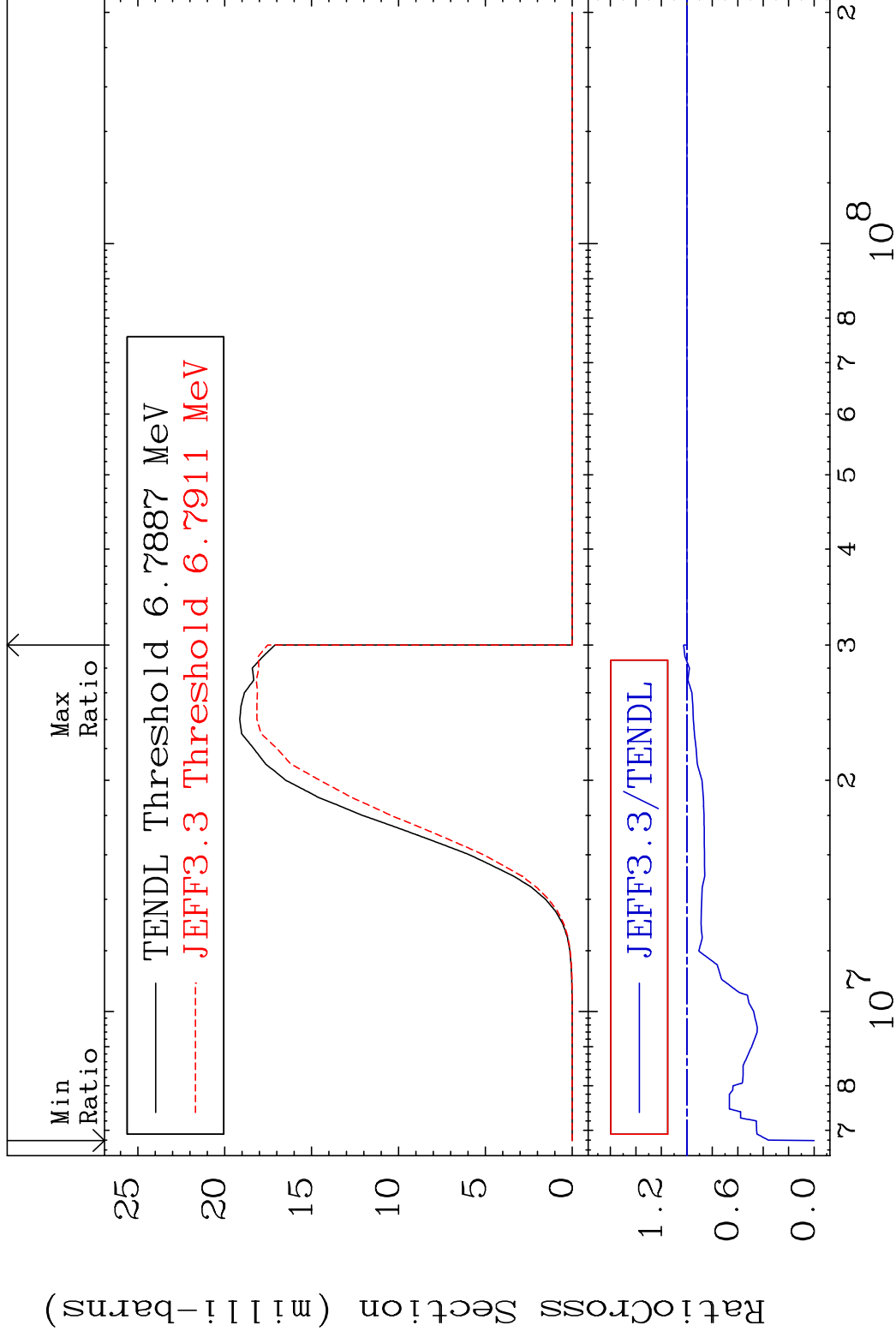


MAT 3449

(n, p)

<sup>34</sup>Se-82

Cross Section -100.0 To 2.487 %



48

Incident Energy (eV)

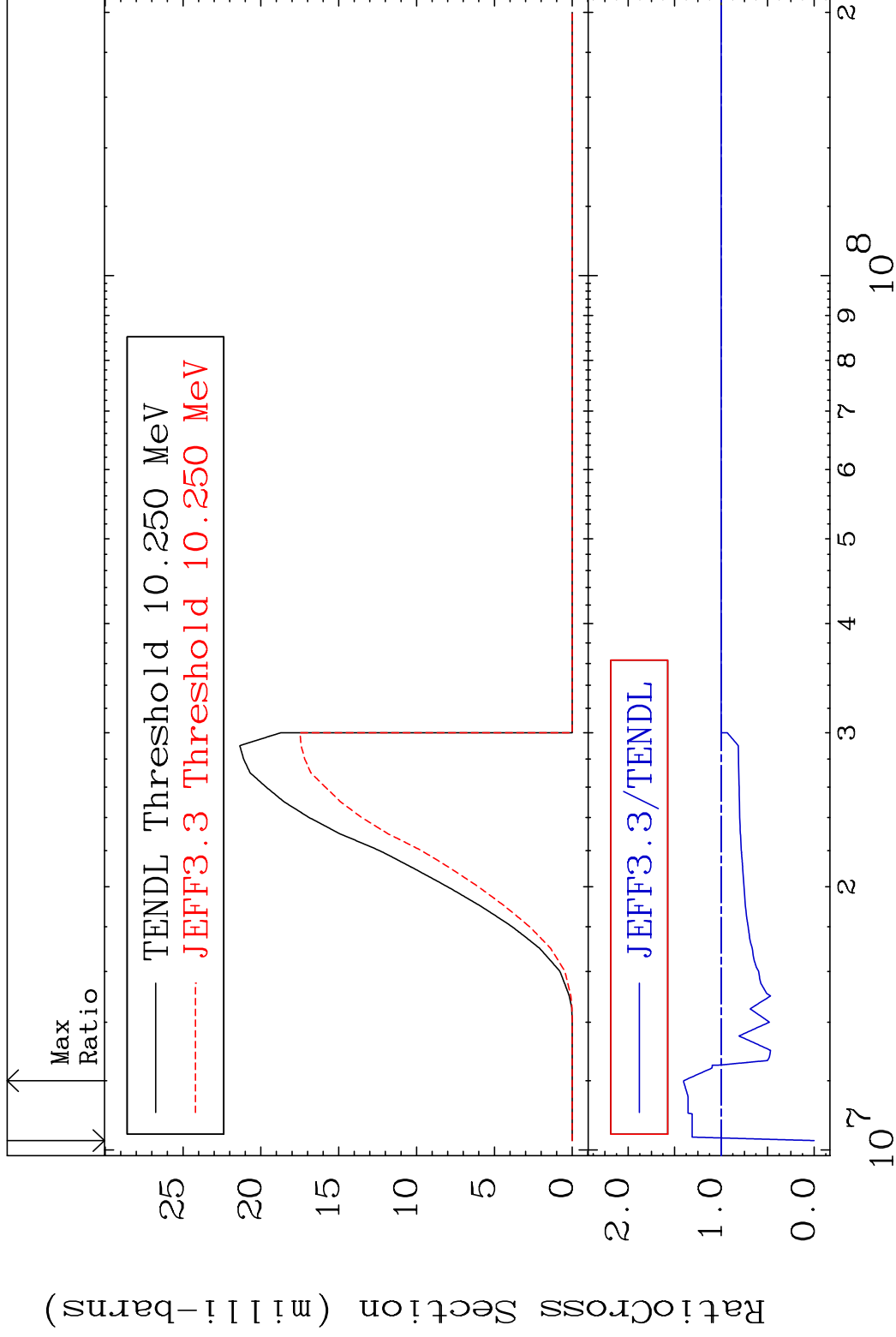
<sup>34</sup>Se-82

MAT 3449

(n,d)

<sup>34</sup>Se-82

Cross Section -100.0 To 40.30 %



49

Incident Energy (eV)

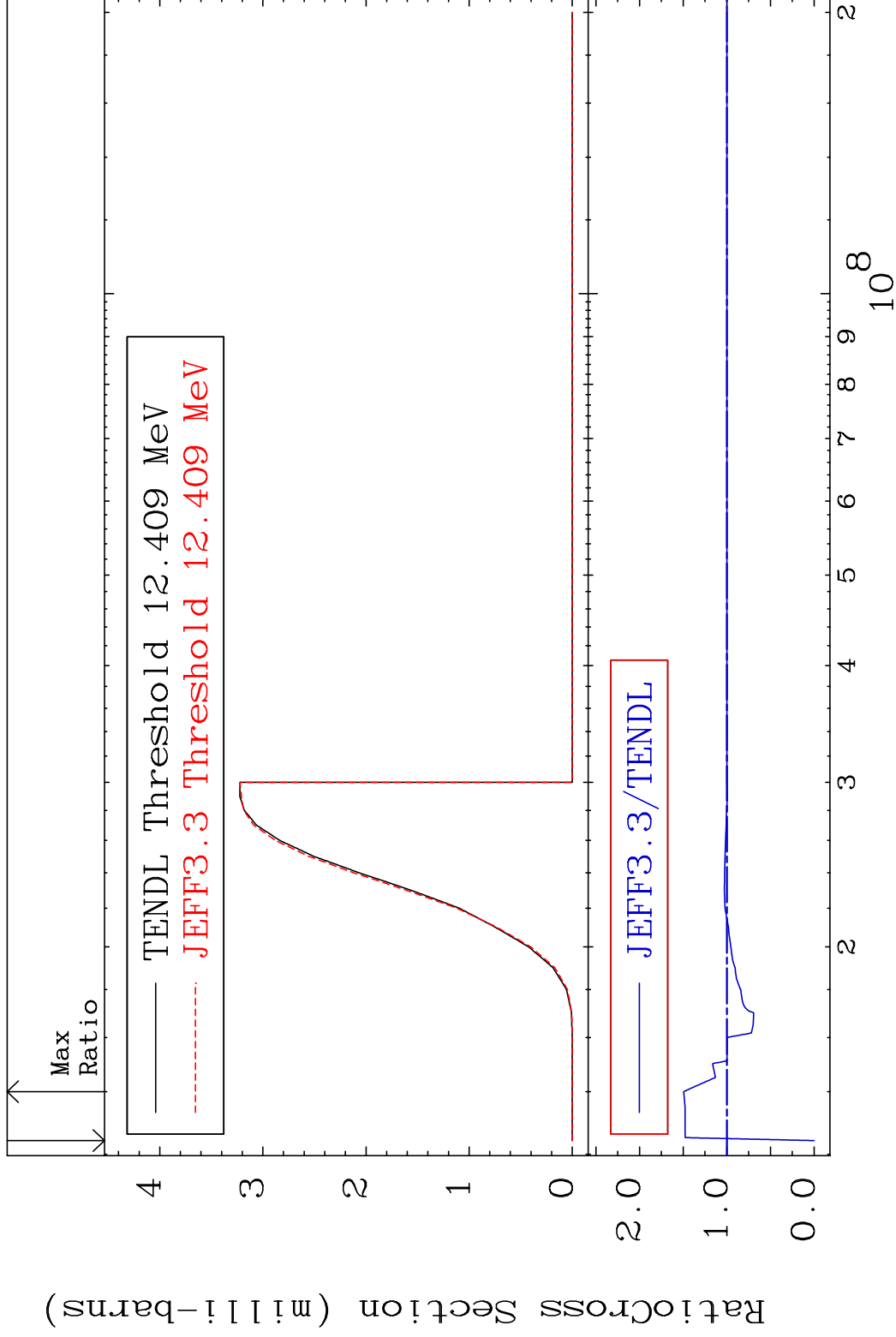
<sup>34</sup>Se-82

MAT 3449

(n, t)

<sup>34</sup>Se-82

Cross Section -100.0 To 49.47 %

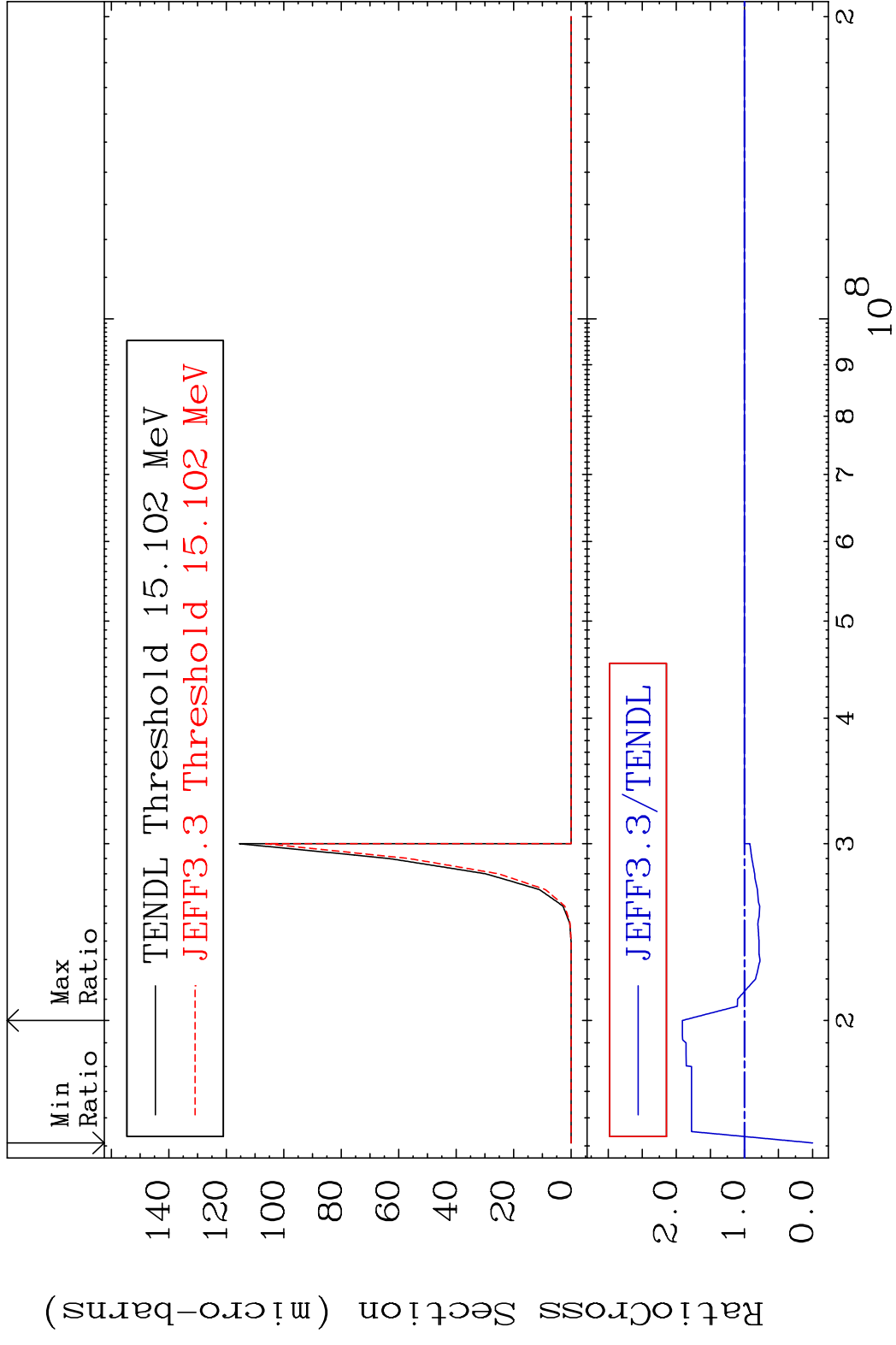


50

Incident Energy (eV)

<sup>34</sup>Se-82

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

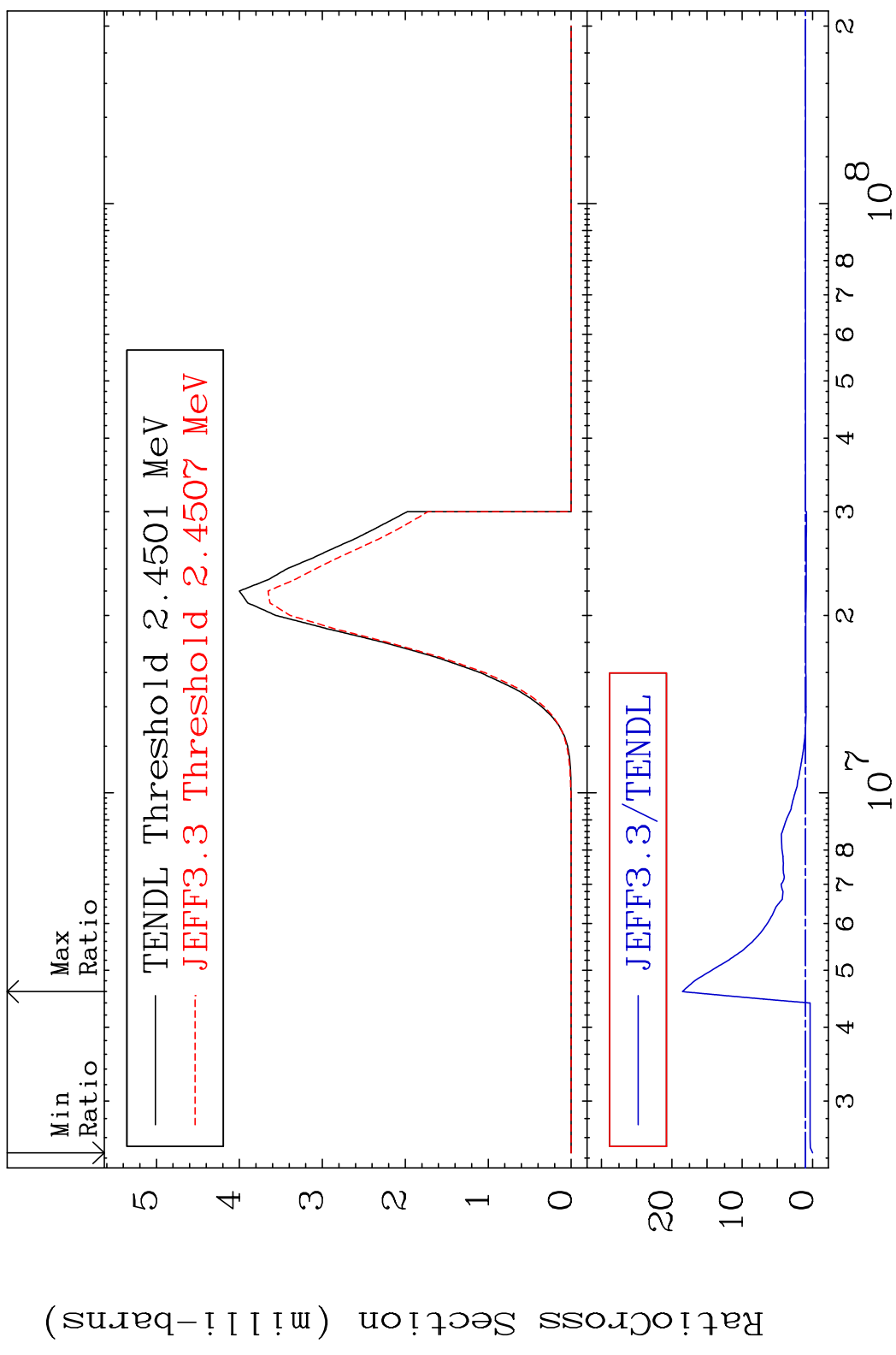


MAT 3449

(n,  $\alpha$ )

34-Se-82

Cross Section -100.0 To 1750. %

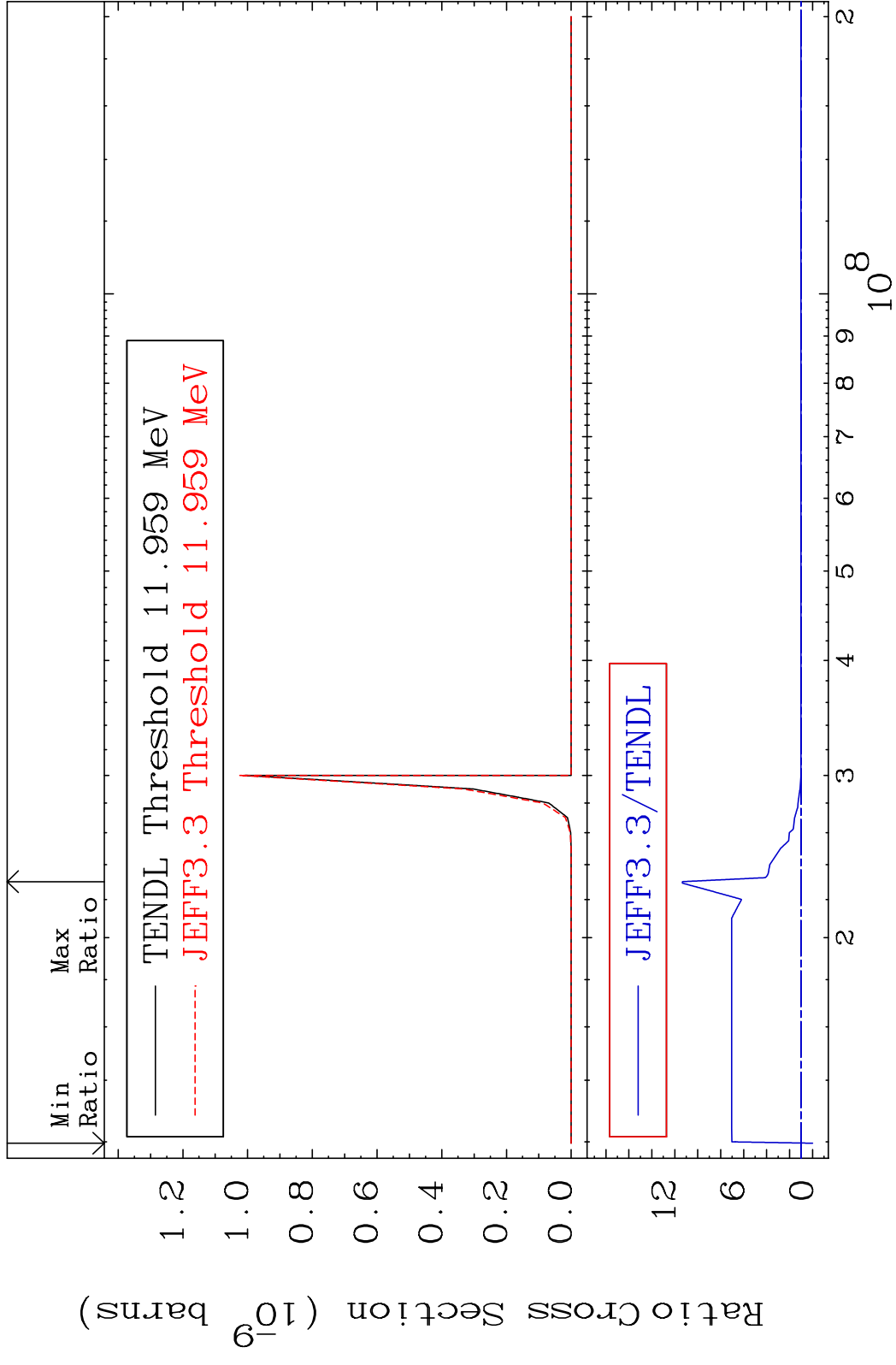


MAT 3449

(n,2α)

34-Se-82

Cross Section -100.0 To 1034. %



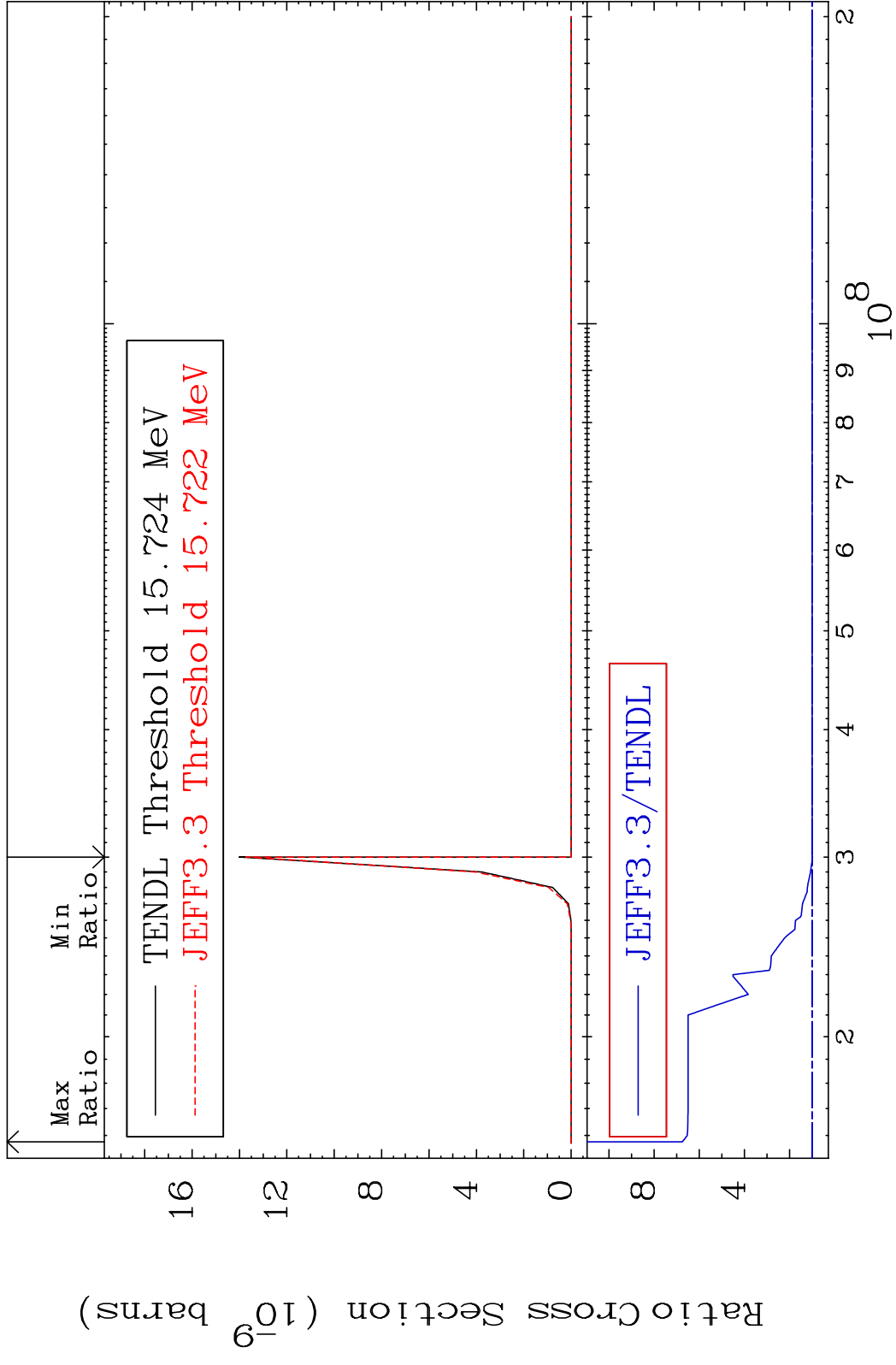


MAT 3449

(n,p)  $\alpha$

34-Se-82

Cross Section -1.985 To 574.7 %



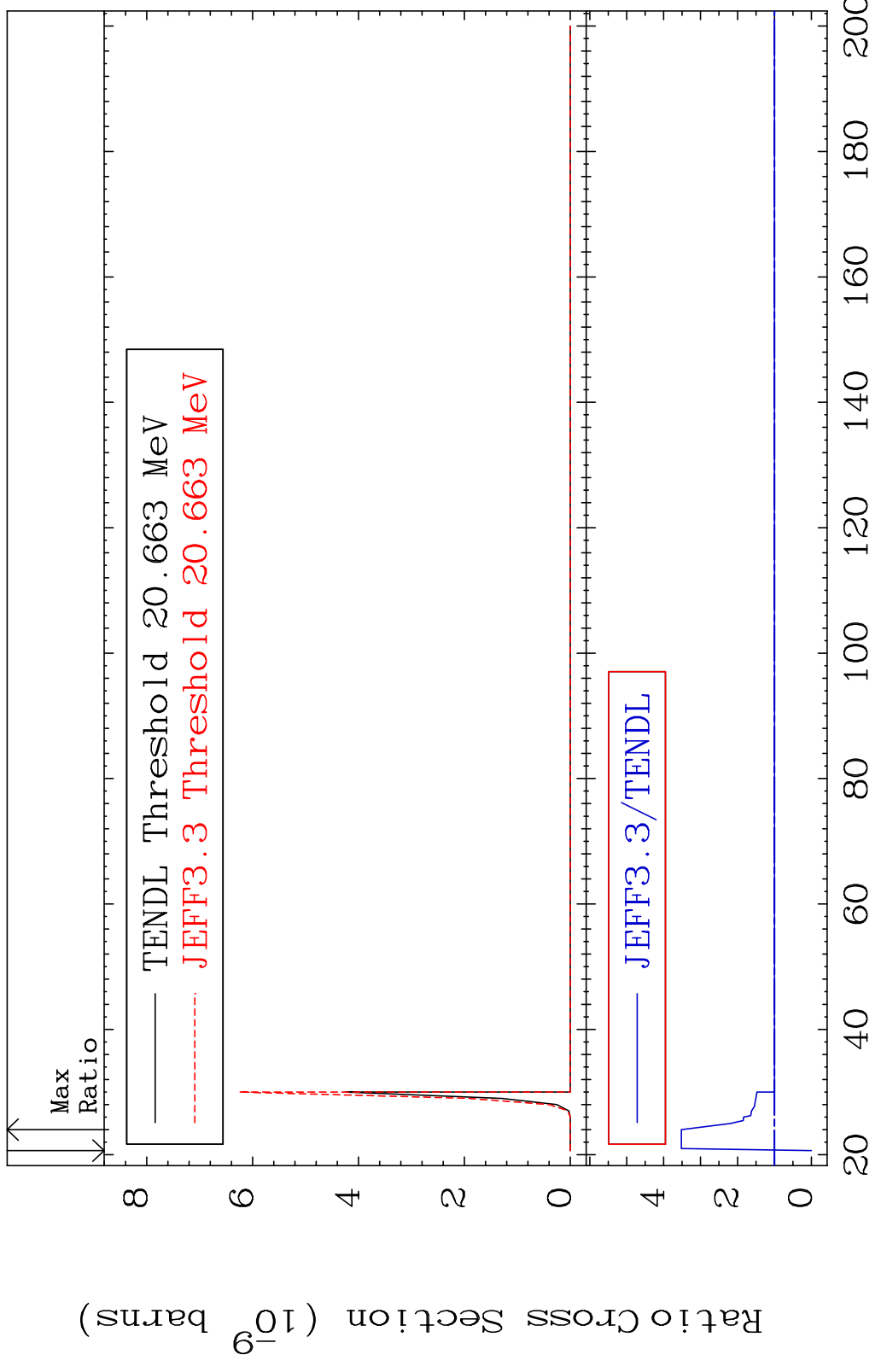


MAT 3449

(n,p) d

<sup>34</sup>Se-82

Cross Section -100.0 To 252.2 %

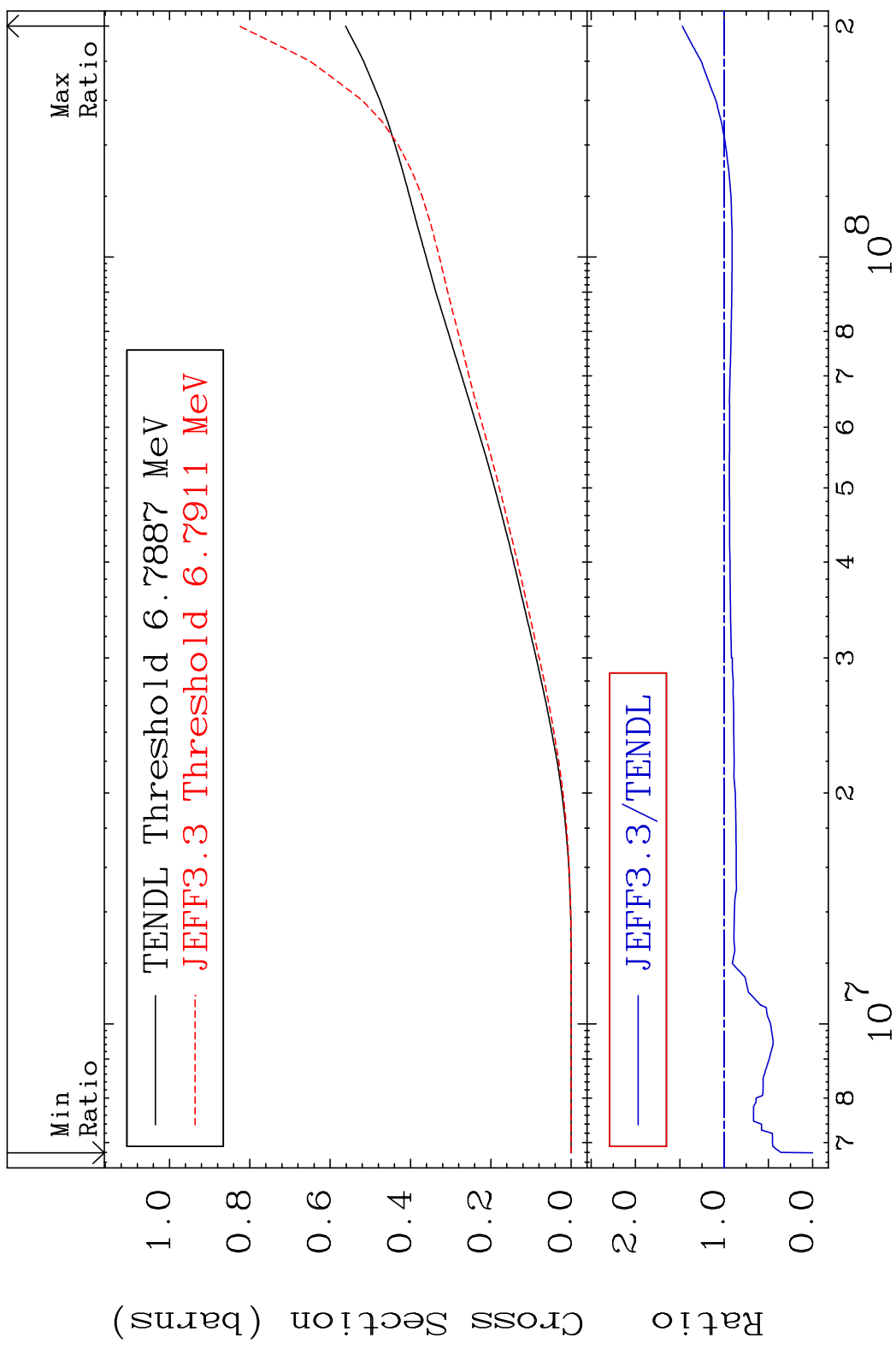


MAT 3449

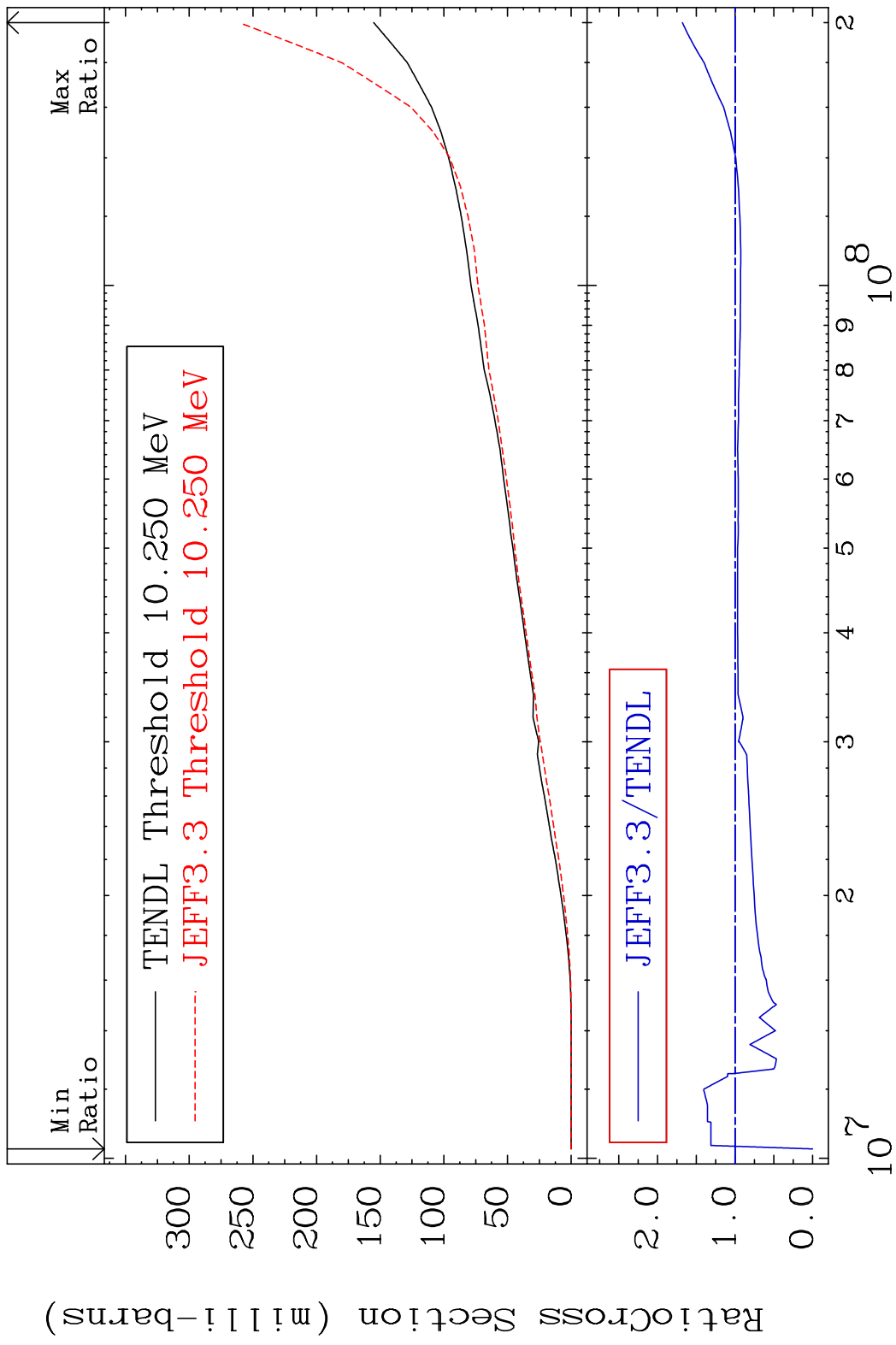
Hydrogen Production

<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 %



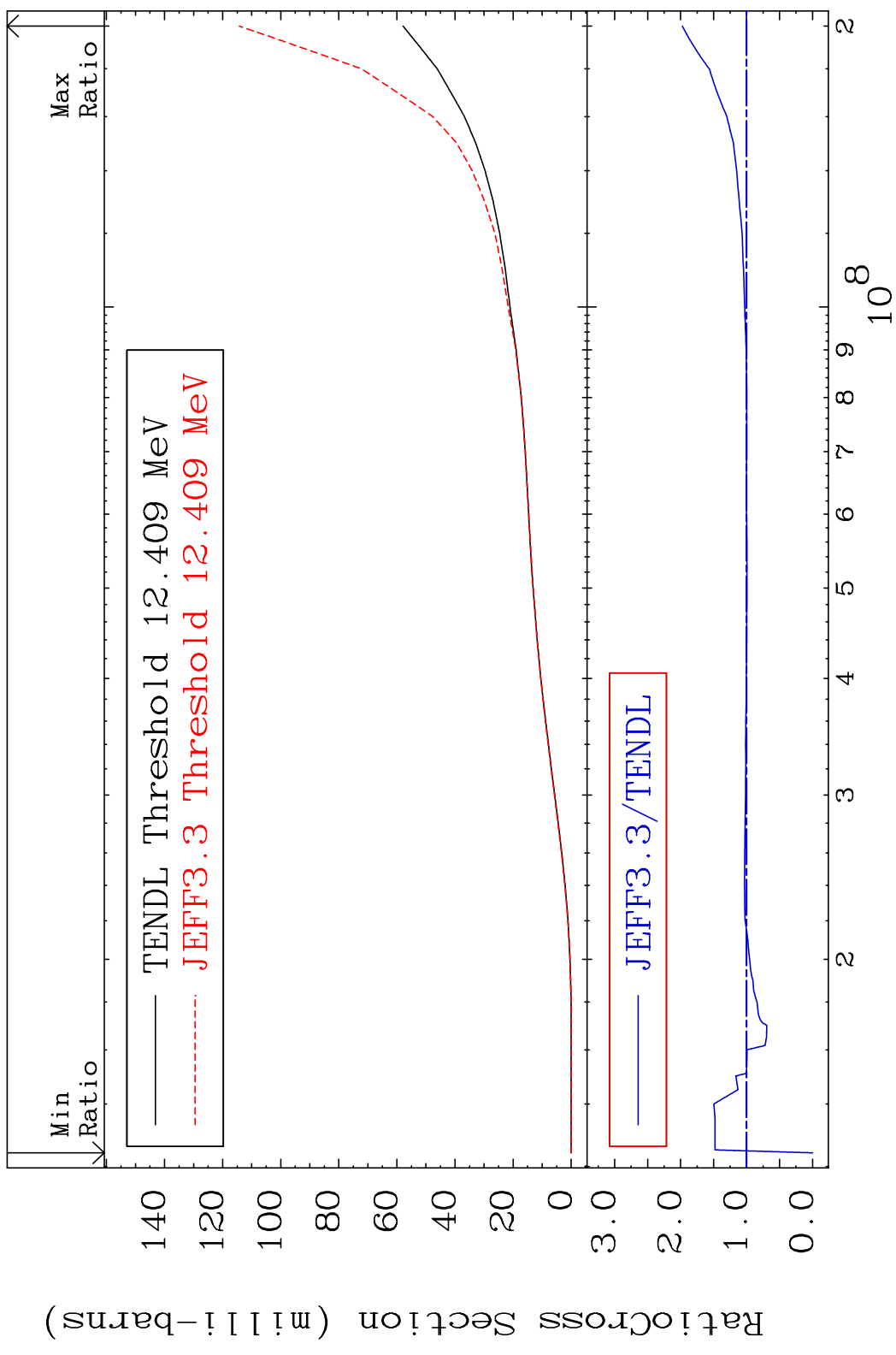
58 Incident Energy (eV) 34-Se-82

MAT 3449

Tritium Production

34-Se-82

Cross Section -100.0 To 97.35 %

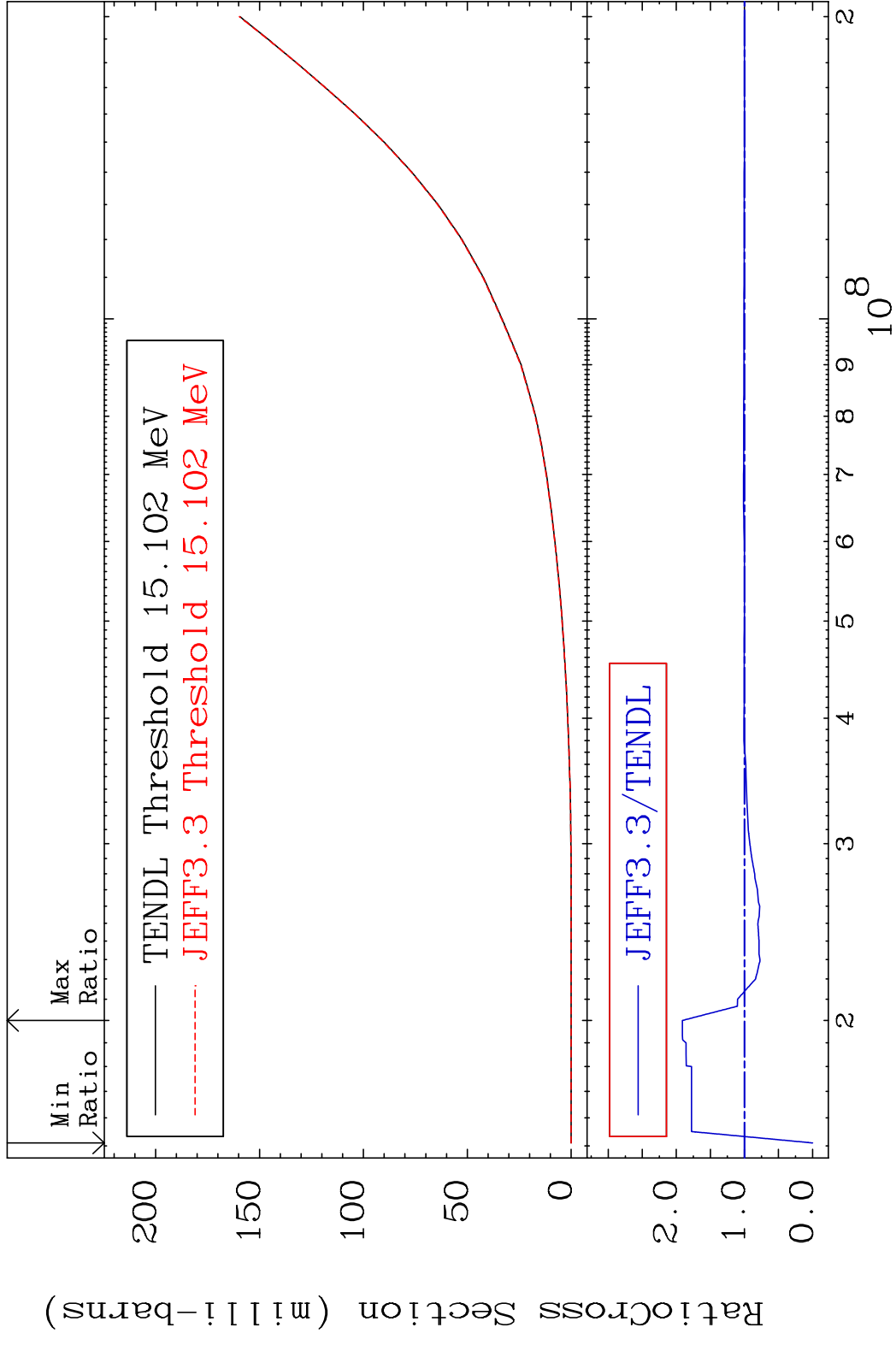


MAT 3449

He-3 Production

34-Se-82

Cross Section -100.0 To 91.17 %



60

Incident Energy (eV)

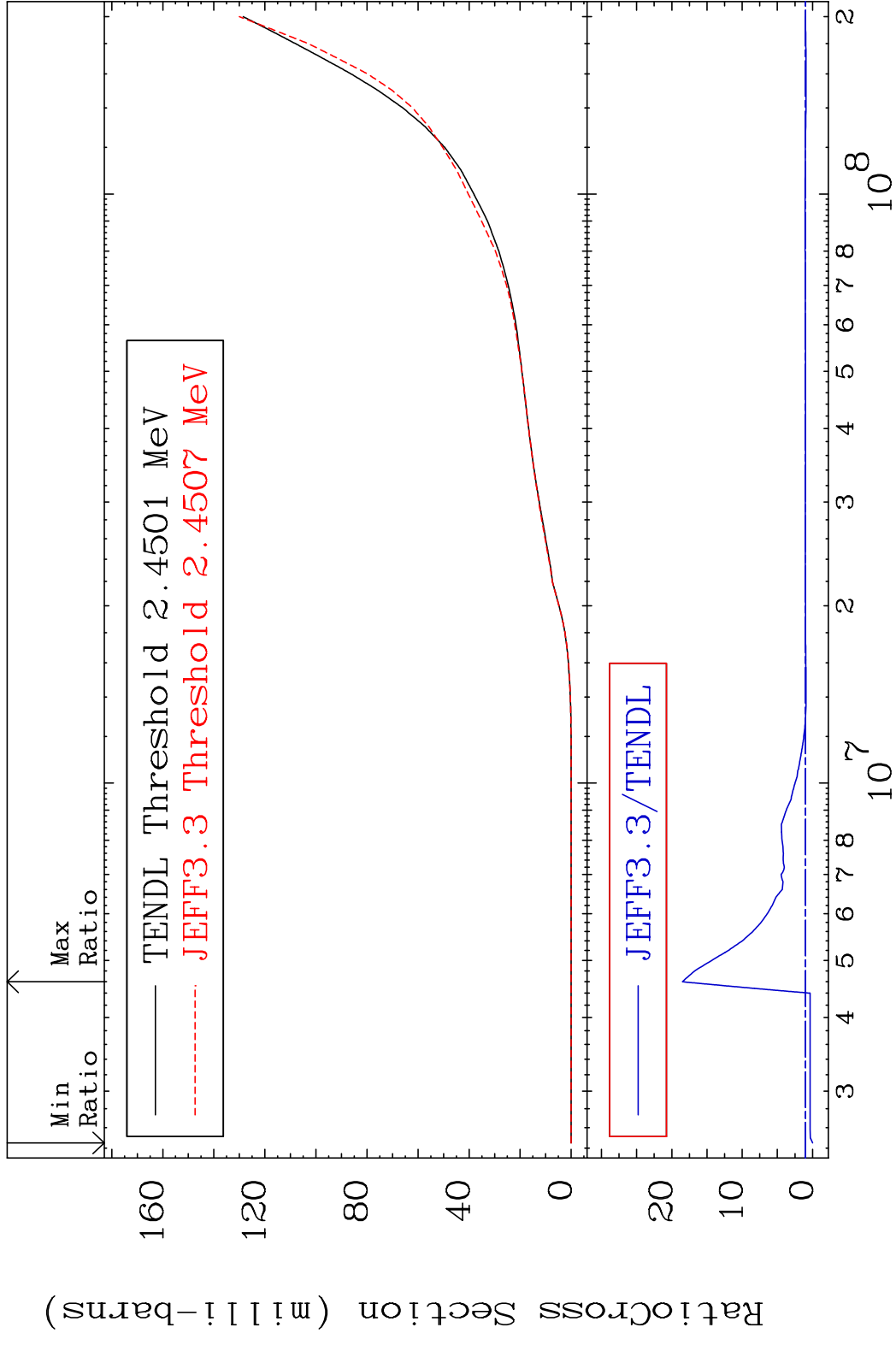
34-Se-82

MAT 3449

He-4 Production

34-Se-82

Cross Section -100.0 To 1750. %

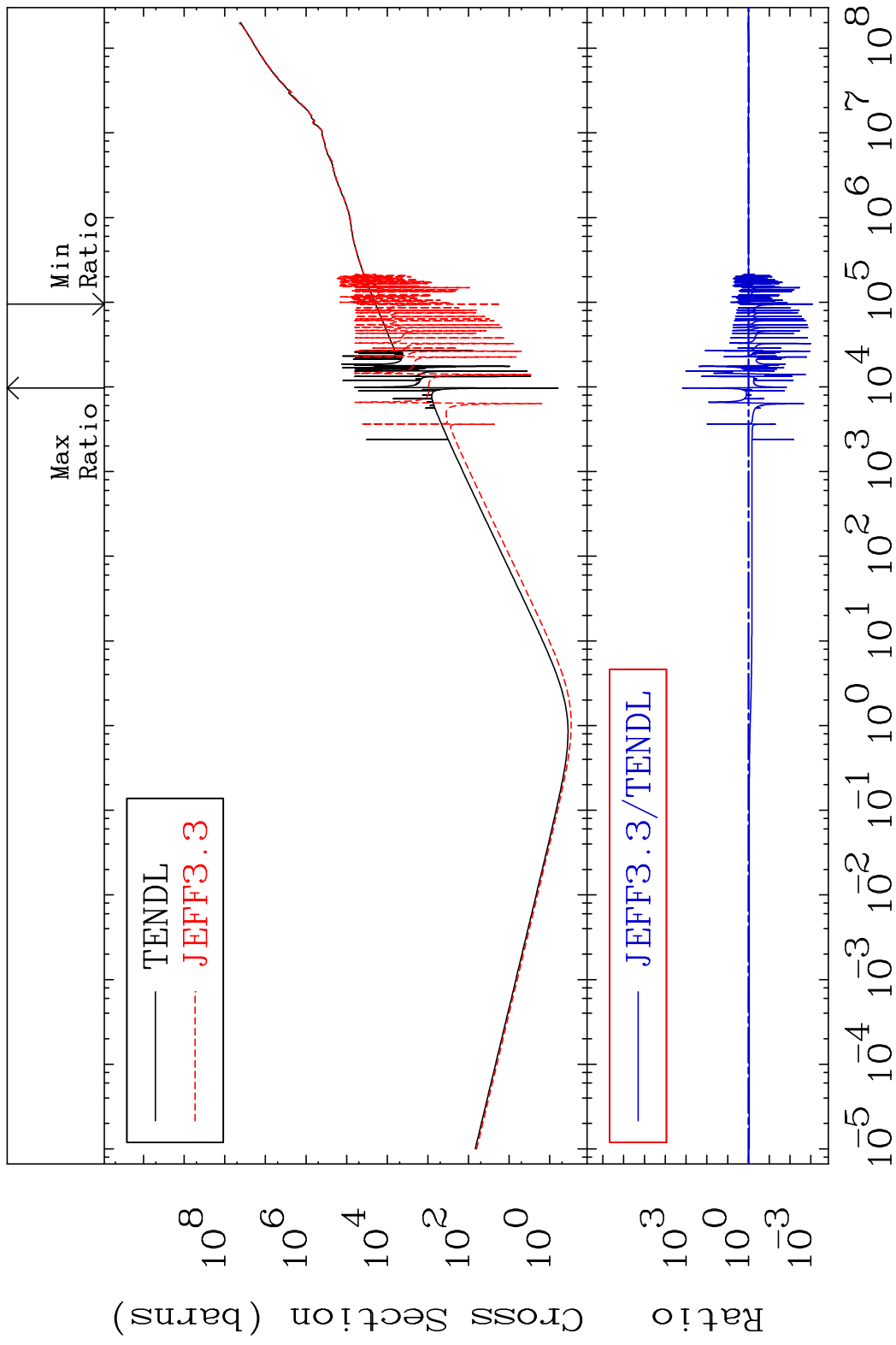


61

Incident Energy (eV)

34-Se-82

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

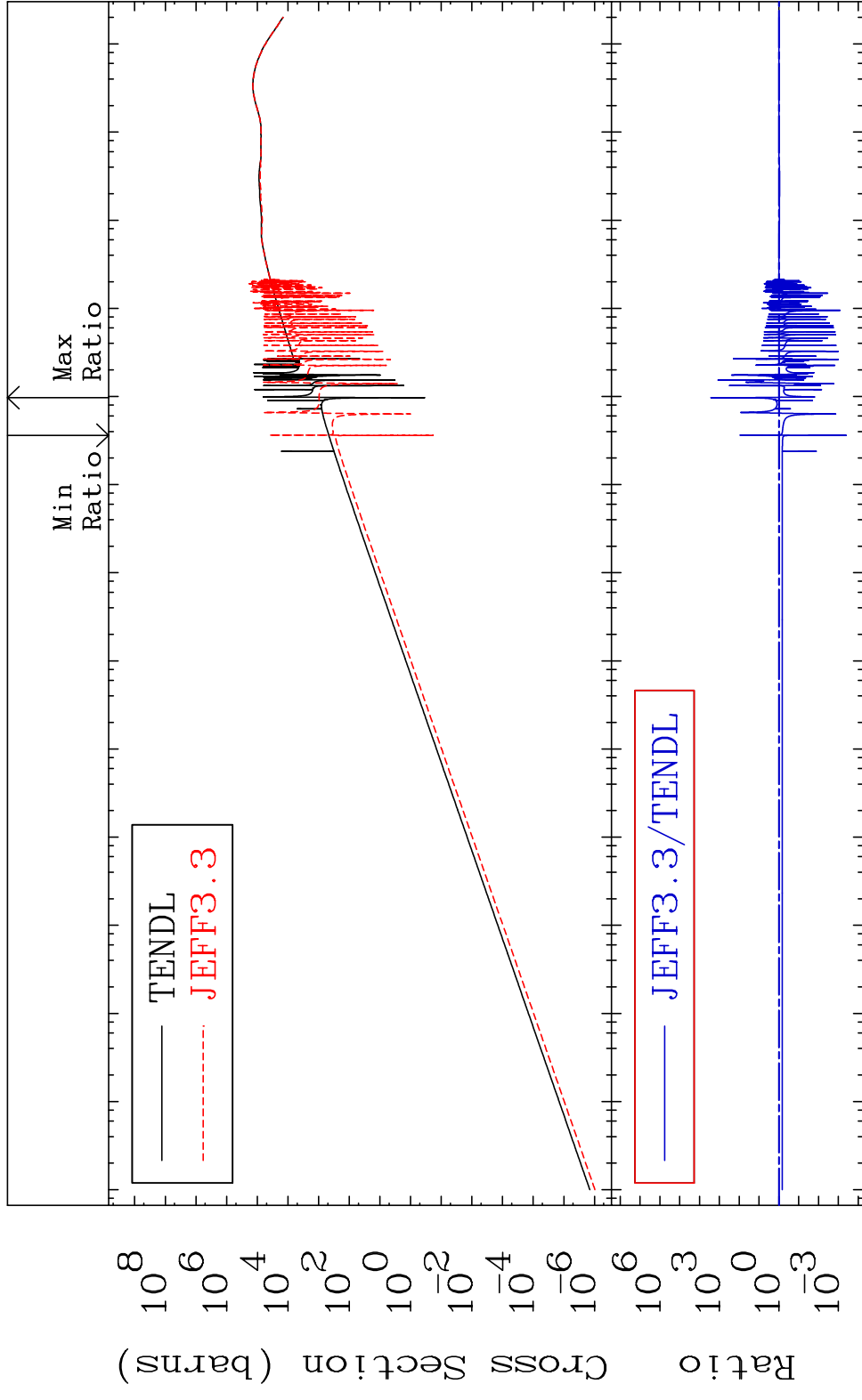


62 Incident Energy (eV) 34-Se-82

MAT 3449

Kerma elastic  
Cross Section

34-Se-82  
-99.96 To 9999. %



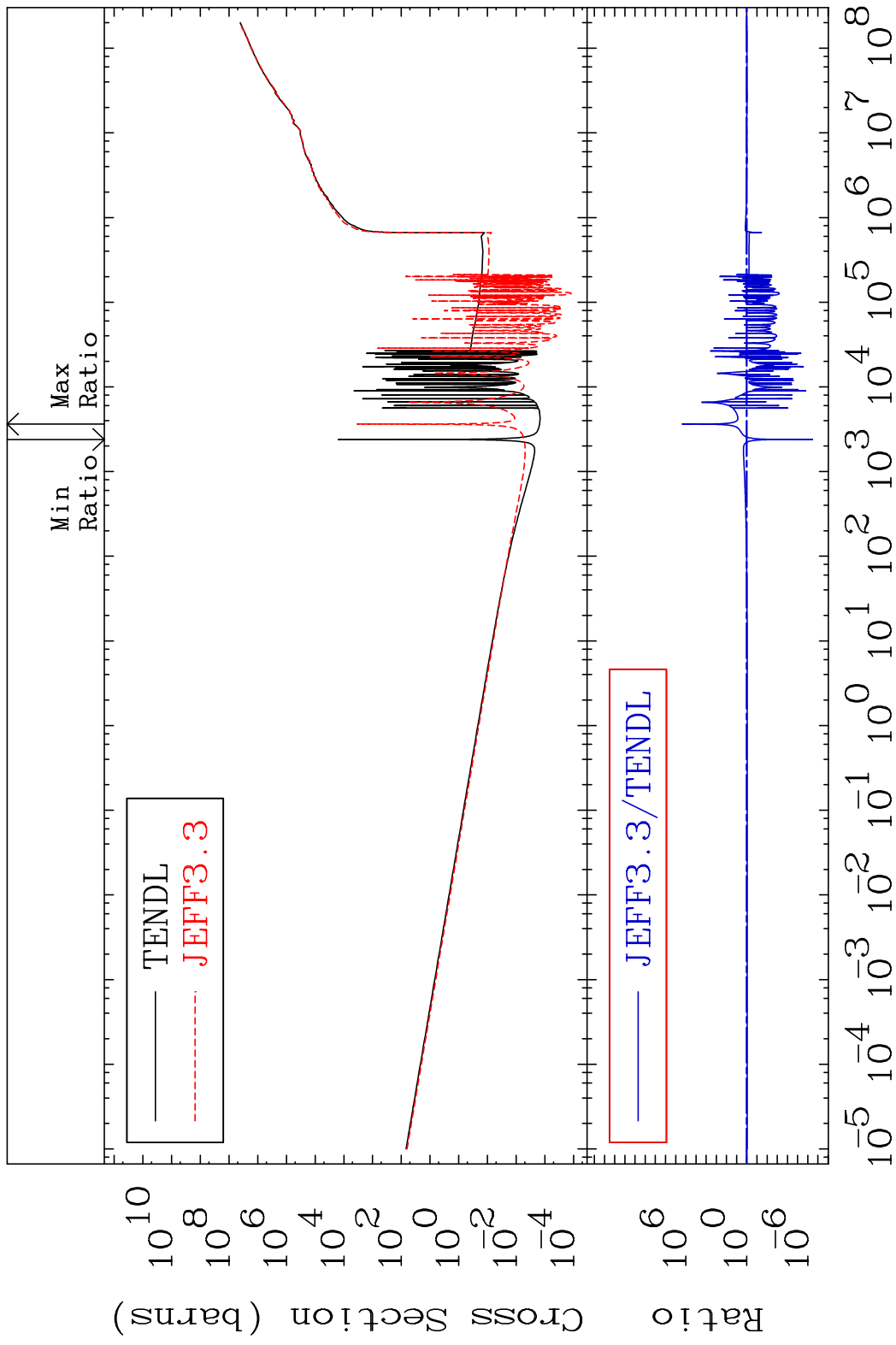
63

Incident Energy (eV)

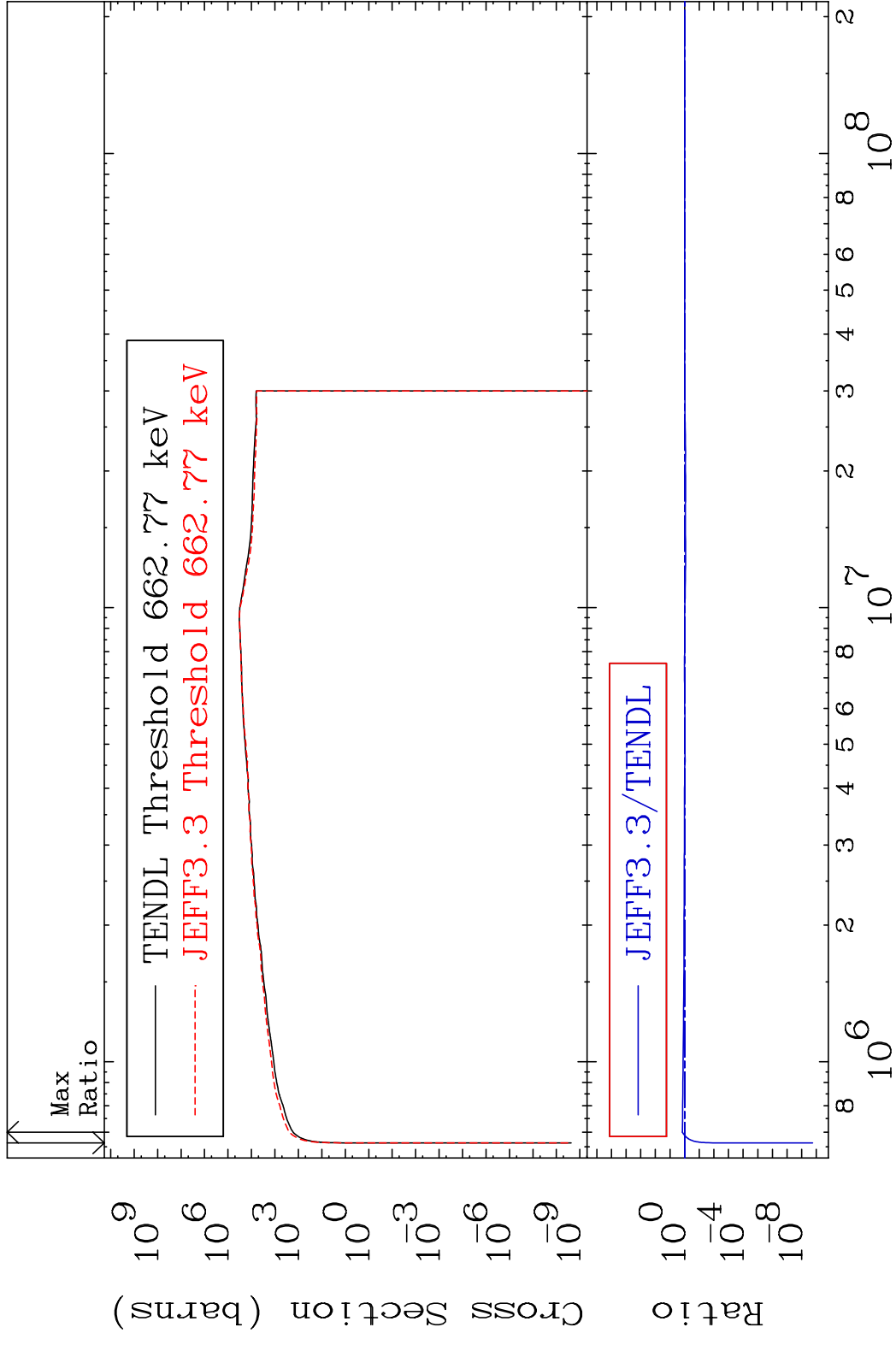
34-Se-82



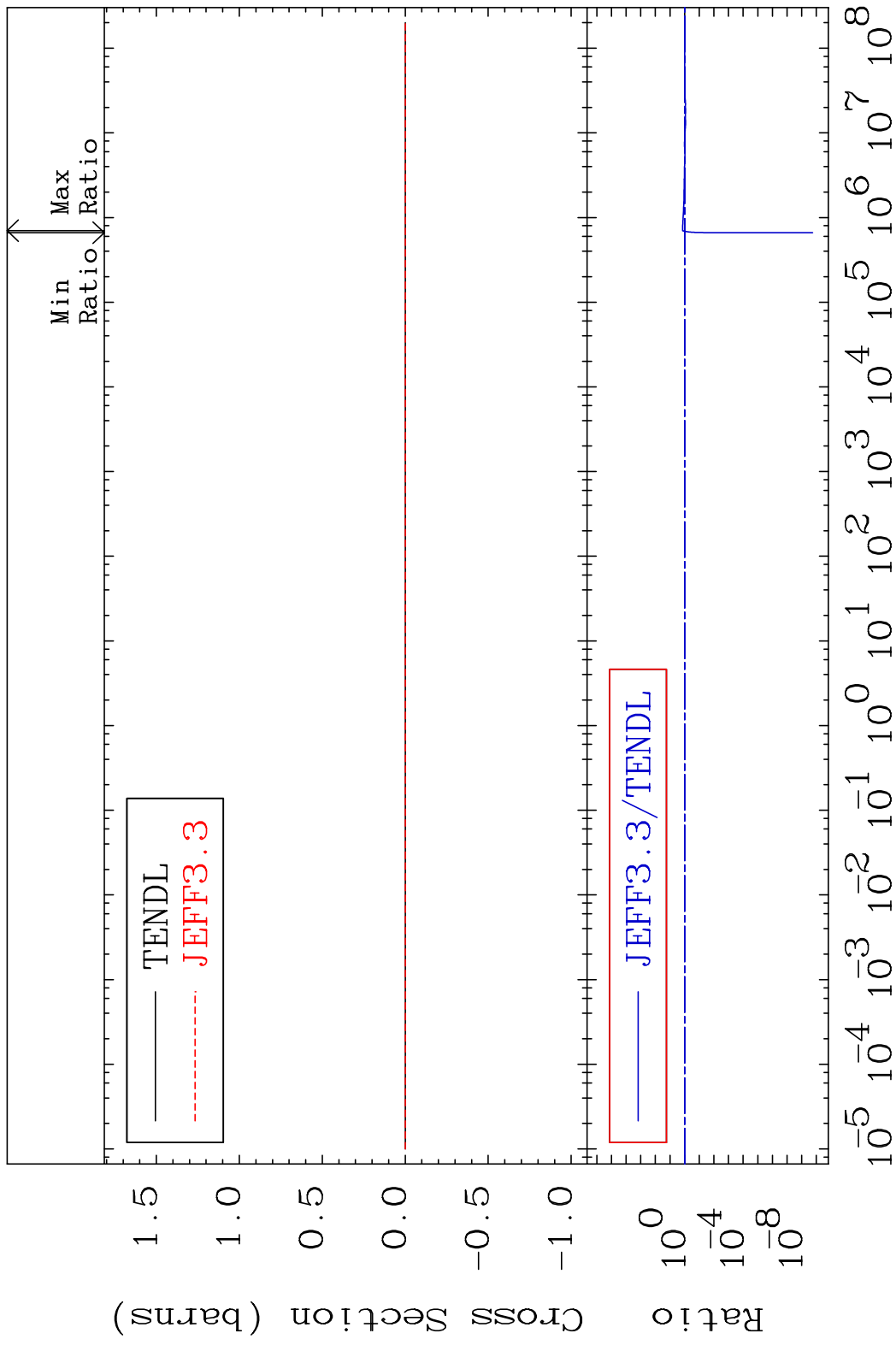
MAT 3449 Kerma non-elastic (all but mt2) 34-Se-82  
 Cross Section -100.0 To 9999. %



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

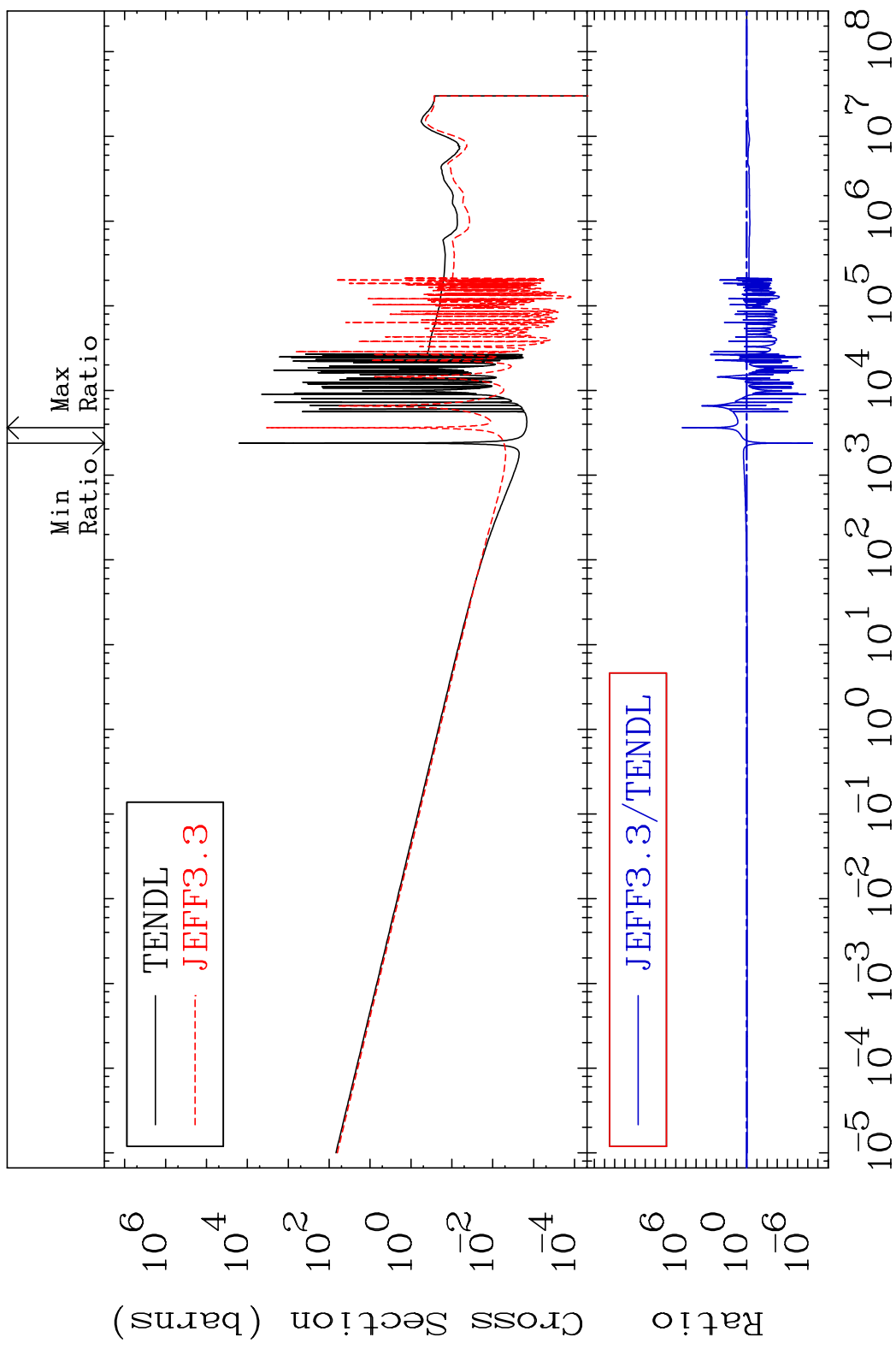


MAT 3449 Kerma fission (mt18 or mt19-20-21-38) 34-Se-82  
 Cross Section -100.0 To 42.34 %



MAT 3449

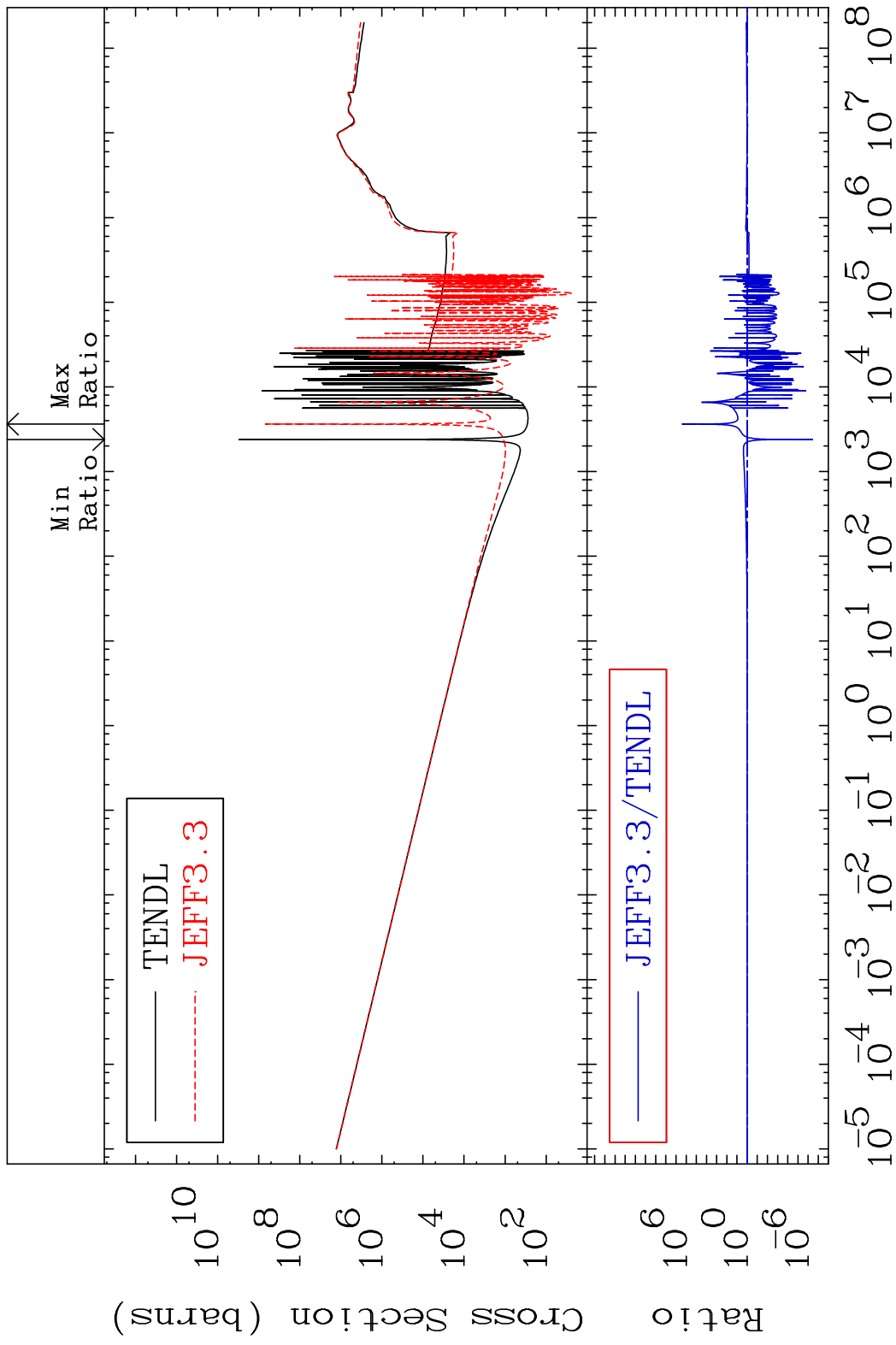
Kerma capture (mt102) 34-Se-82  
Cross Section -100.0 To 9999. %



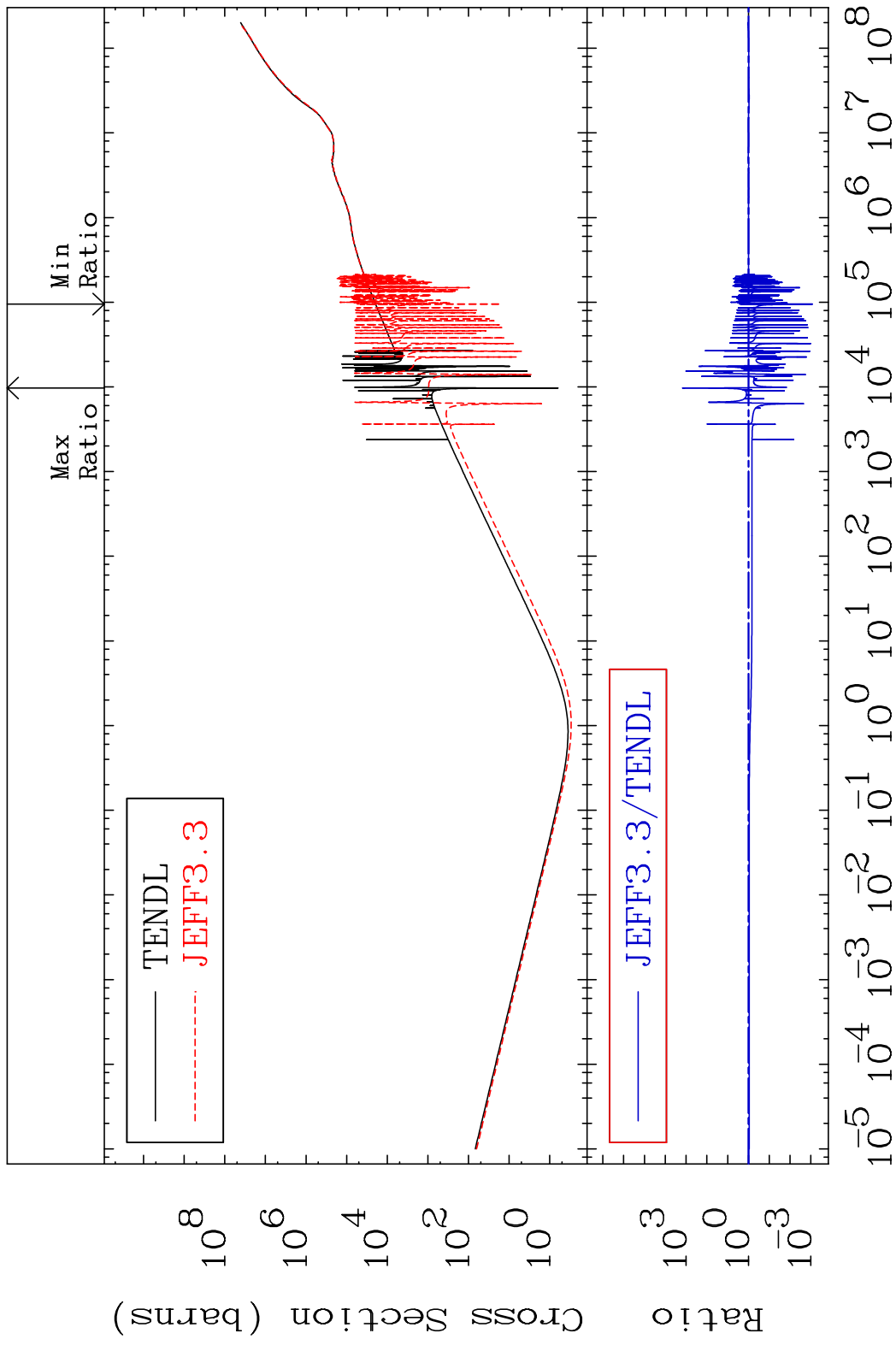
67

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. %

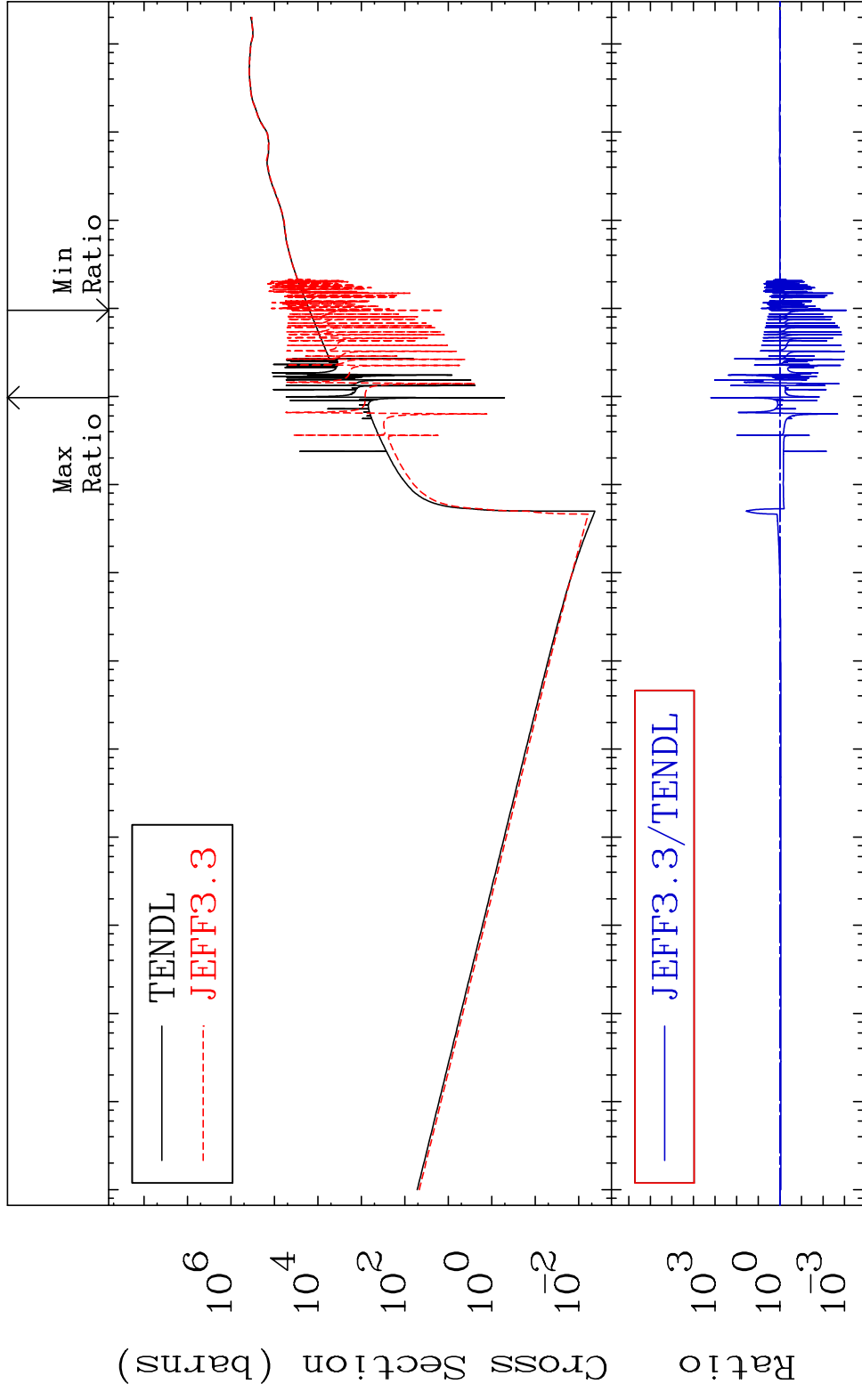


MAT 3449

Dpa total (eV-barns)

34-Se-82

Cross Section -99.92 To 9999. %



70

Incident Energy (eV)

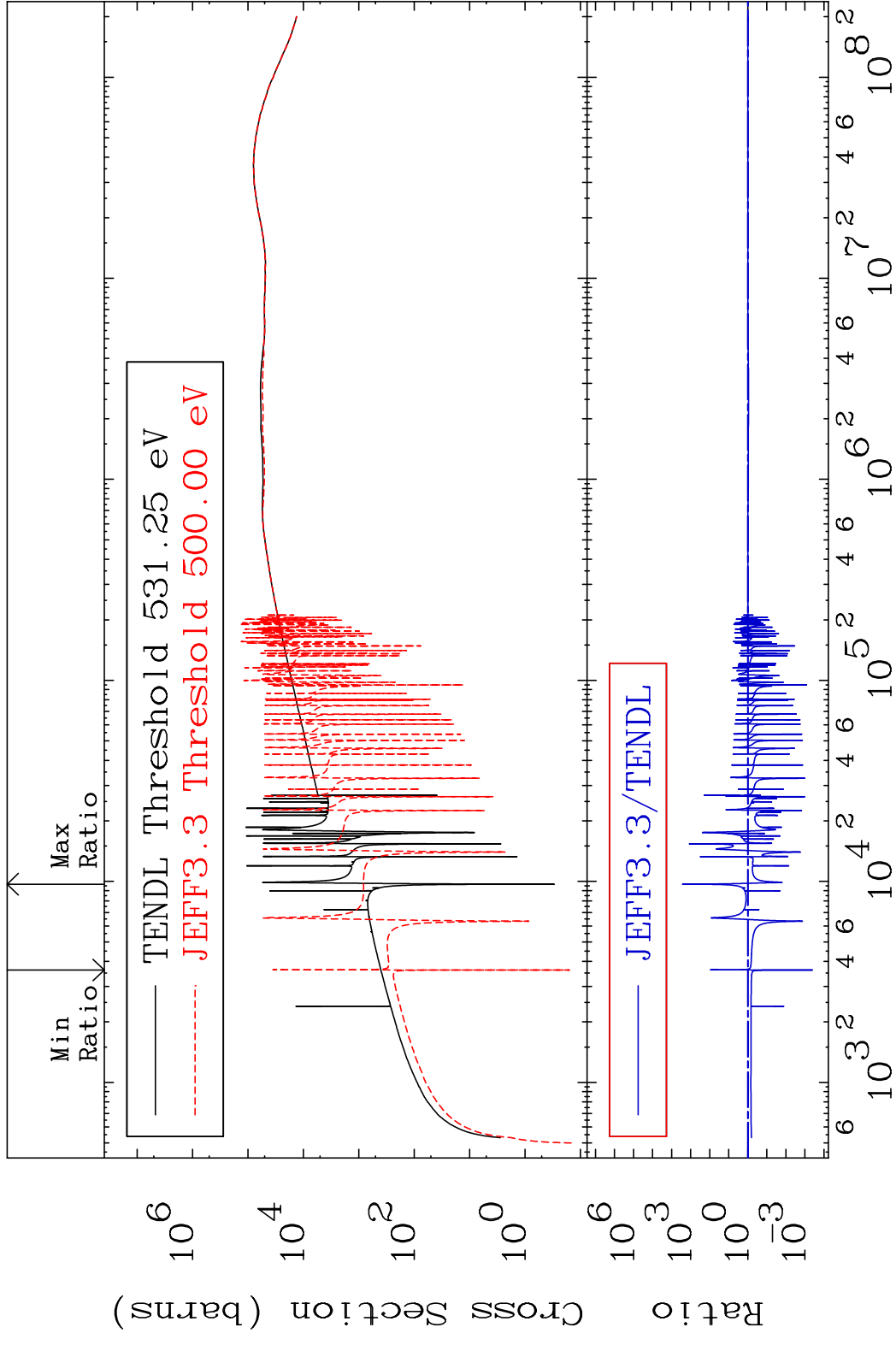
34-Se-82

MAT 3449

Dpa elastic (mt2)

34-Se-82

Cross Section -99.96 To 9999. %



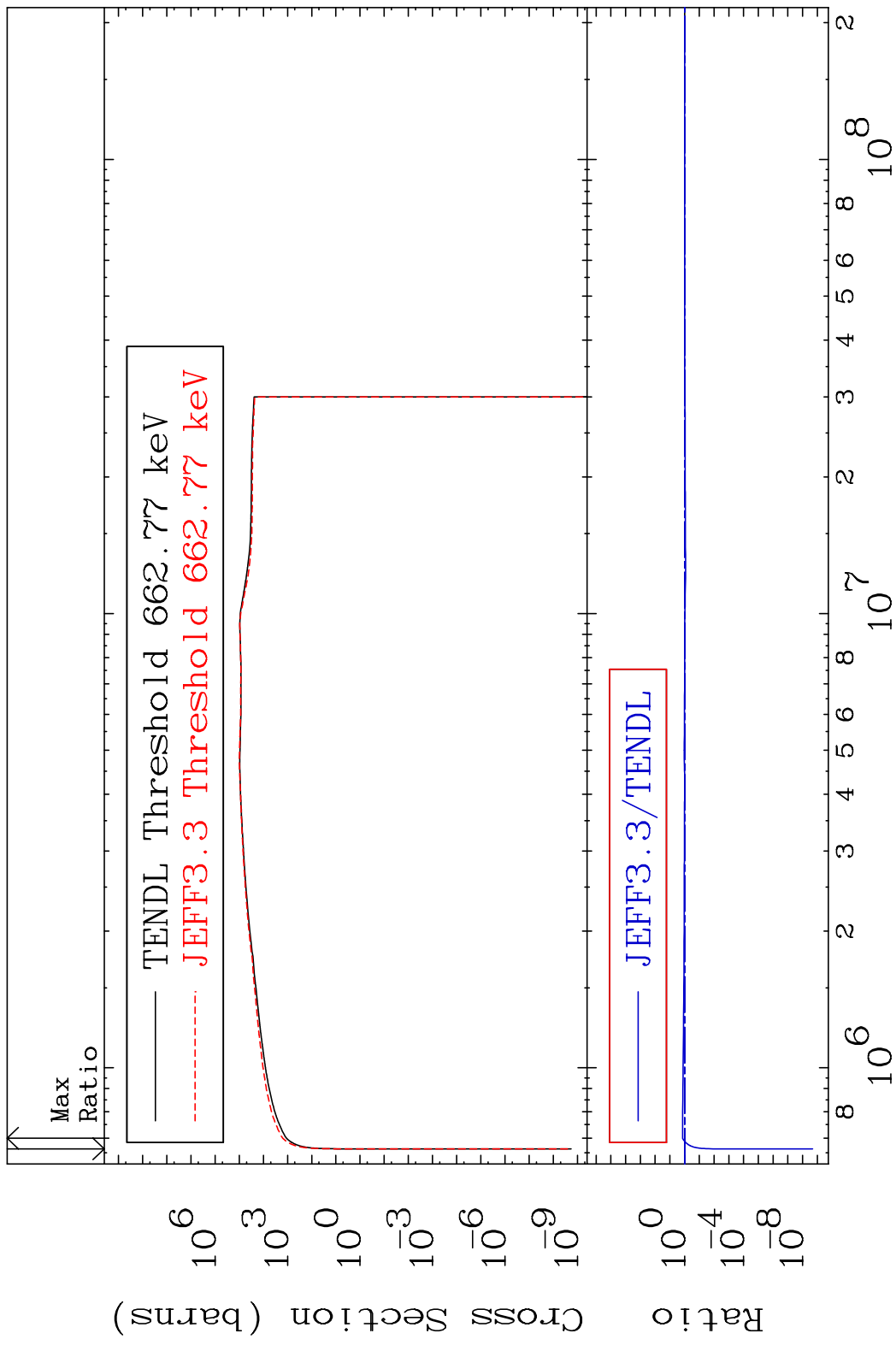
71

Incident Energy (eV)

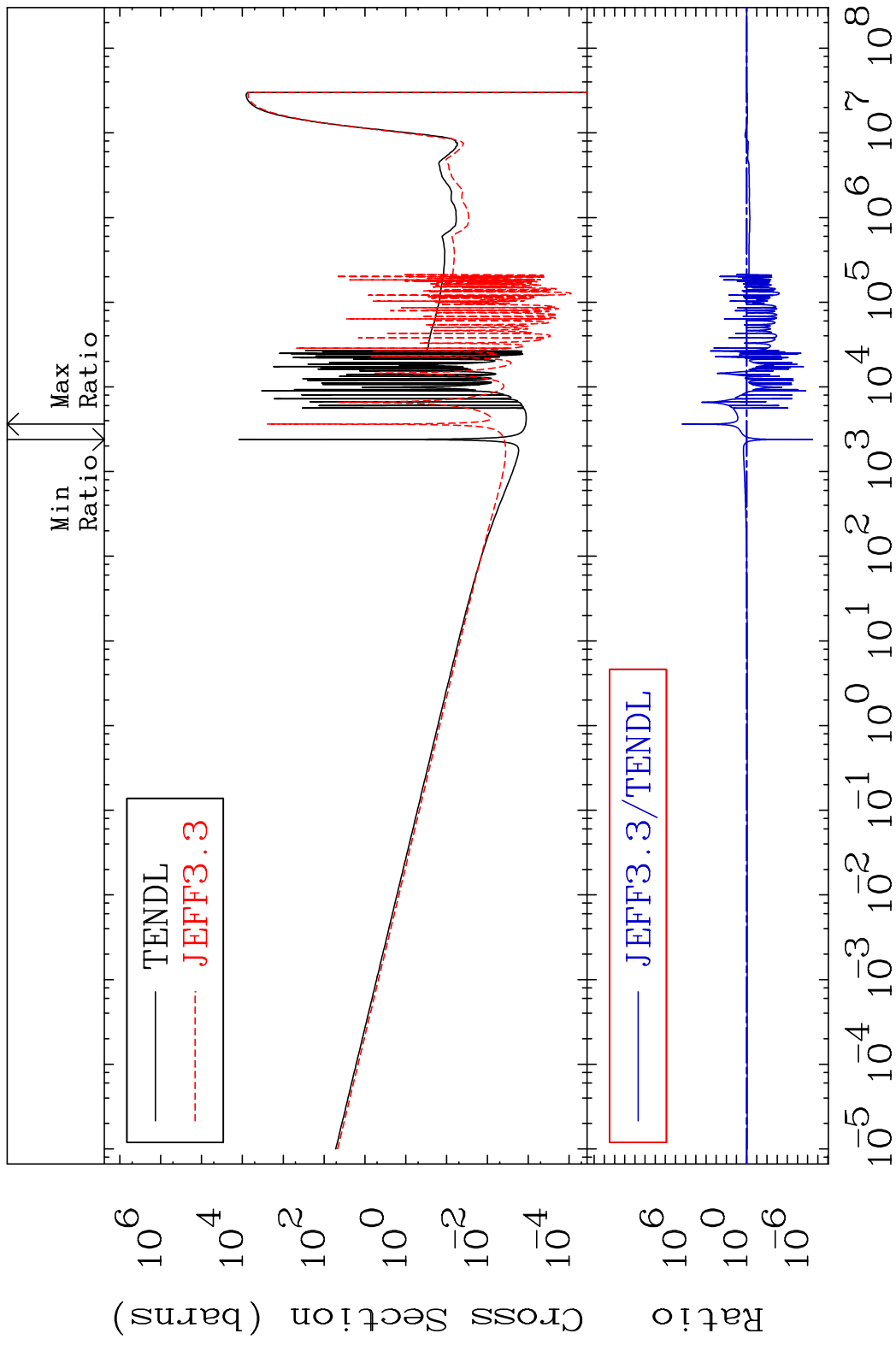
34-Se-82



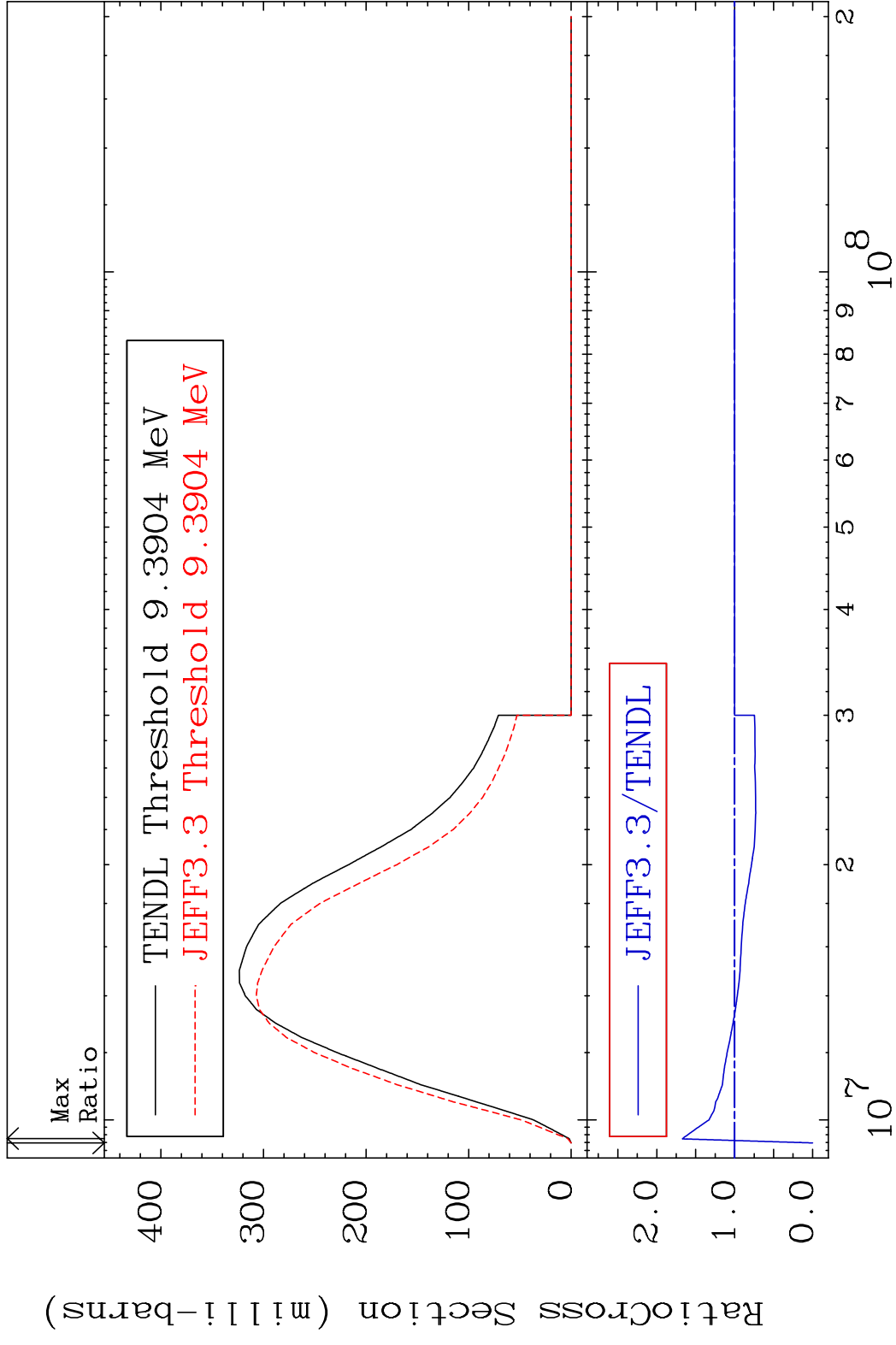
MAT 3449 Dpa inelastic (mt51-91) 34-Se-82  
 Cross Section -100.0 To 42.34 %



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

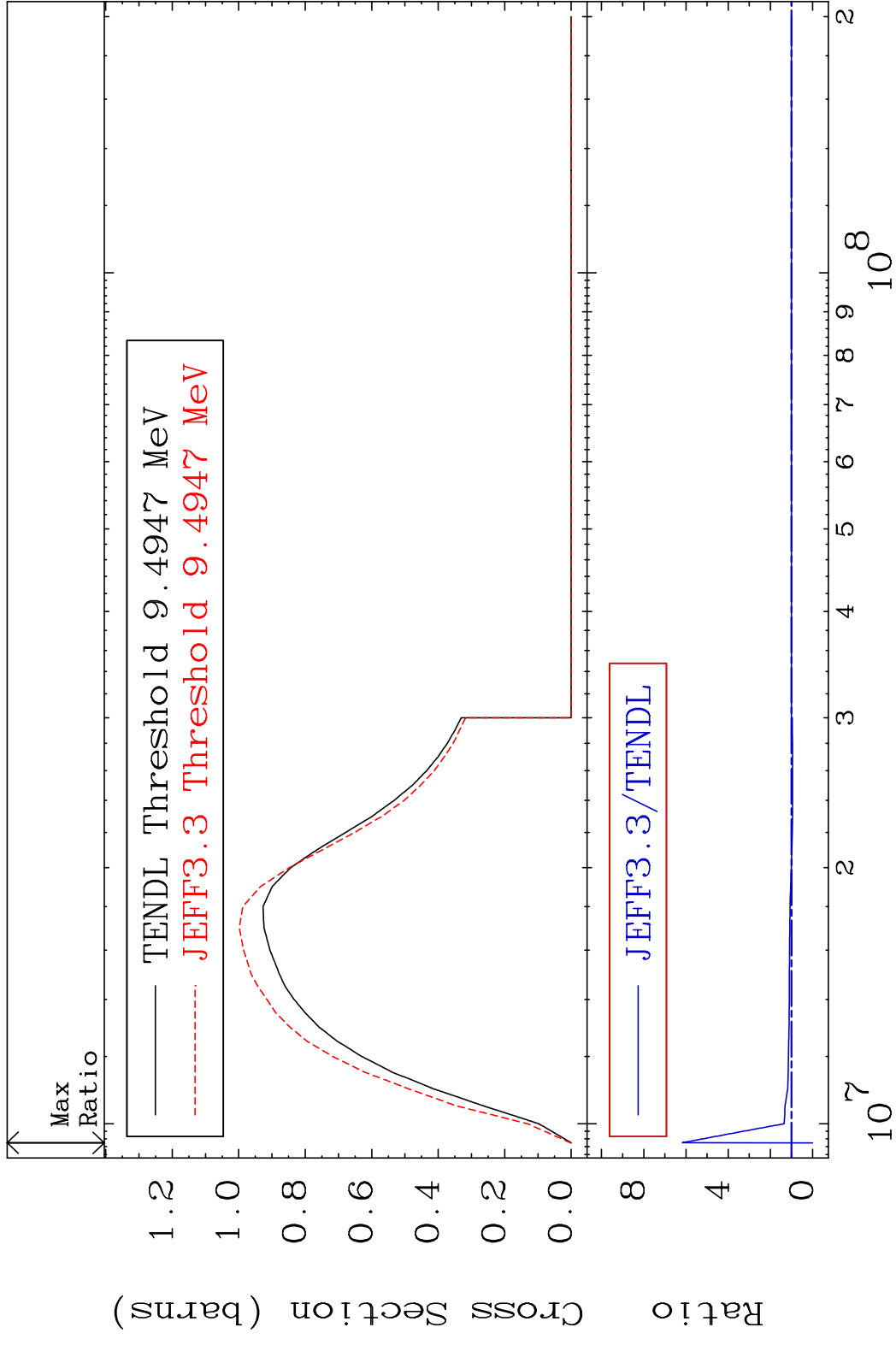


MAT 3449 (n,2n):34-Se-81g 34-Se-82  
 Radionuclide Production Cross Section 180.01 dth 67.15 %



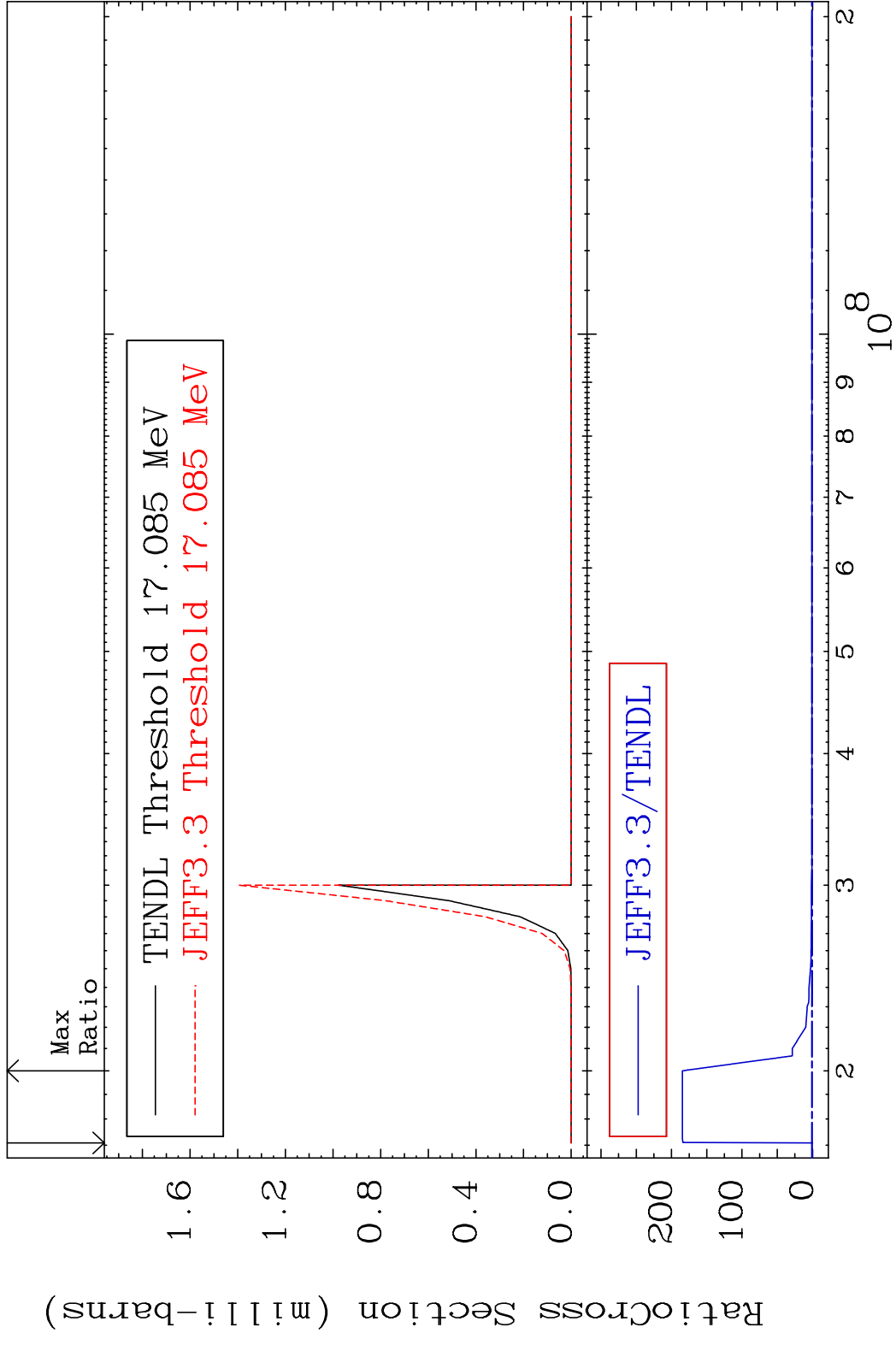
74 34-Se-82

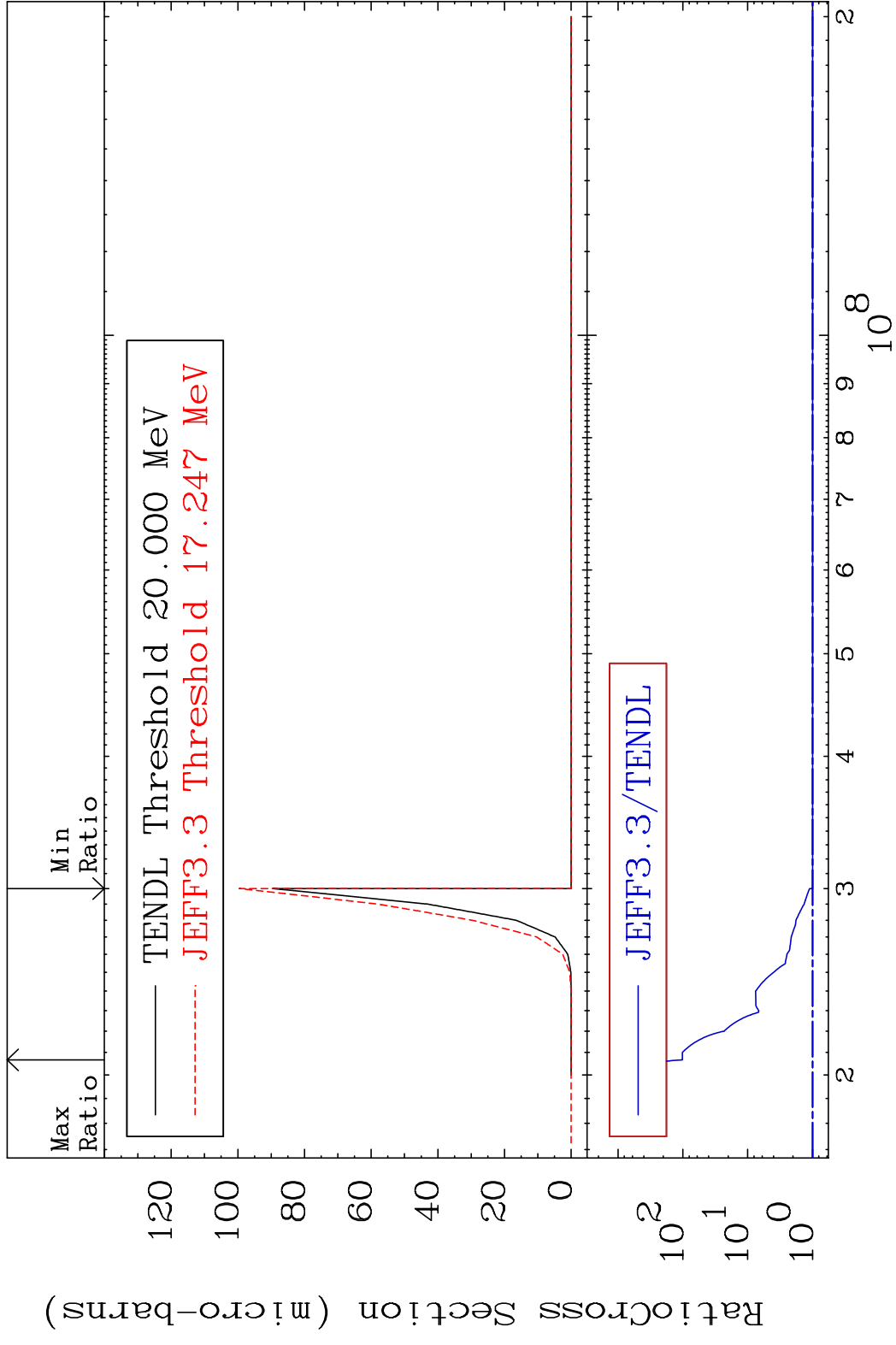
MAT 3449 (n,2n):34-Se-81m1 34-Se-82  
 Radionuclide Production Cross Section Ratio 517.0 %

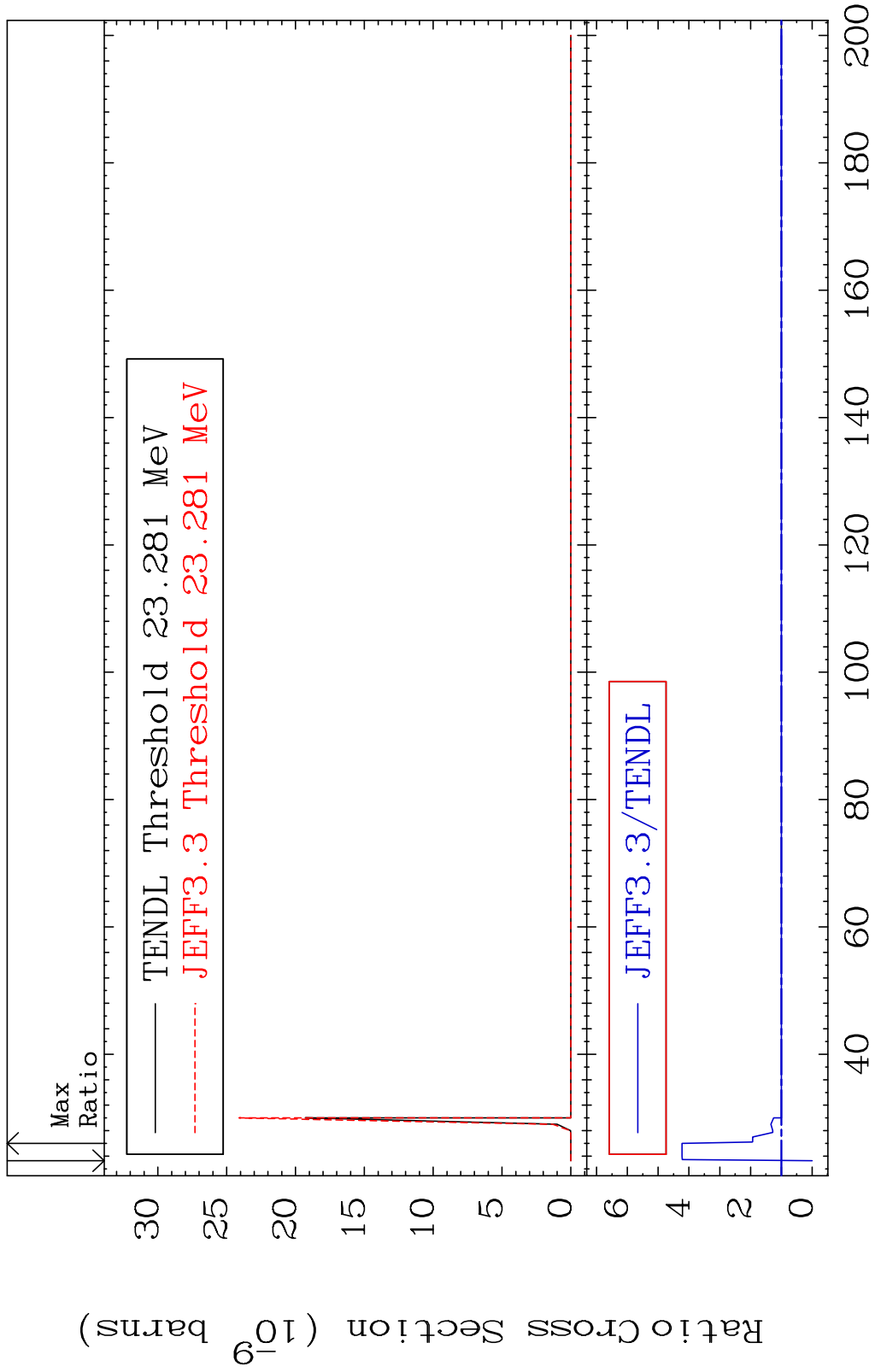


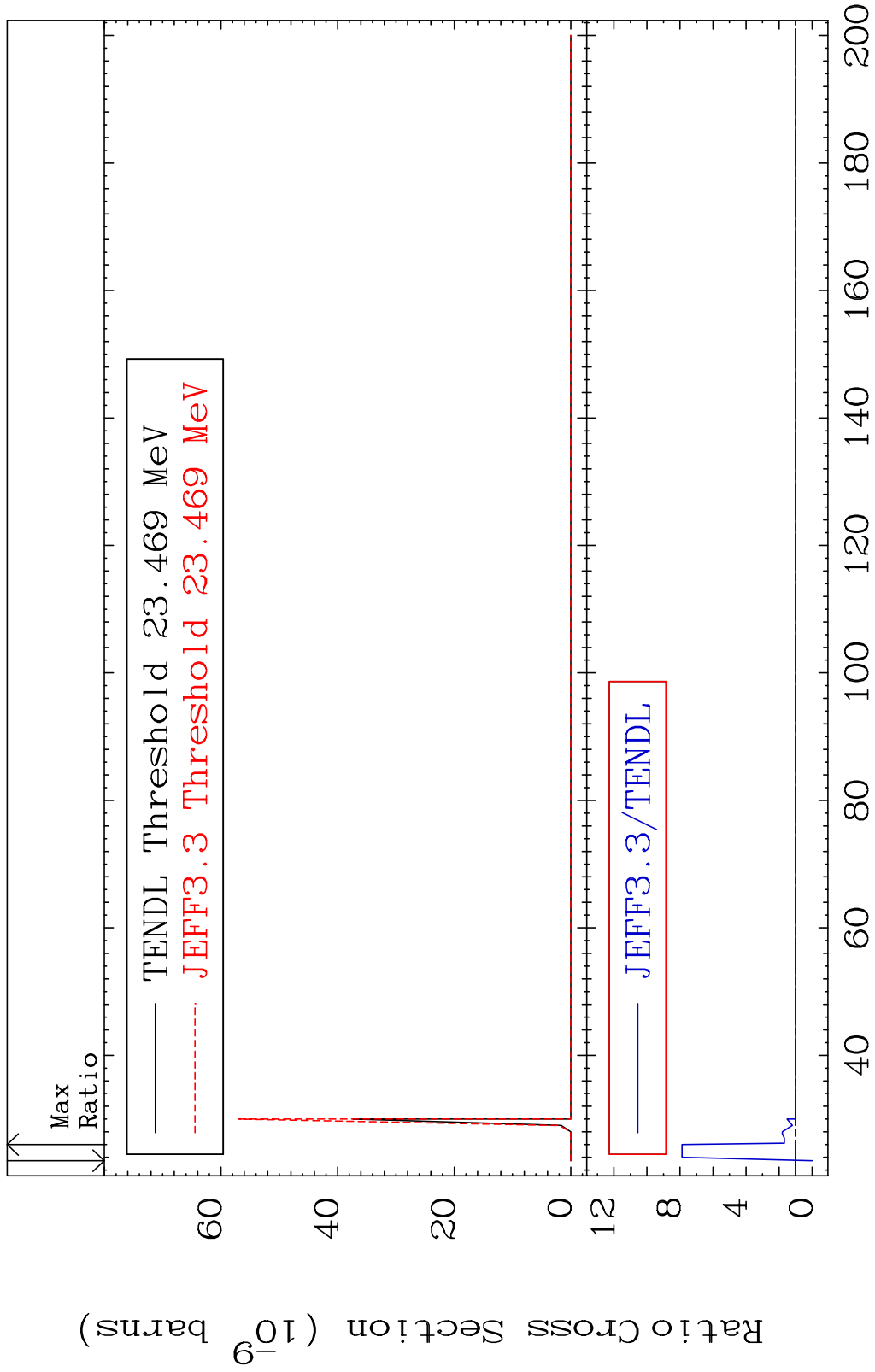
75 Incident Energy (eV) 34-Se-82

MAT 3449 (n,2n)  $\alpha$ :32-Ge-77g 34-Se-82  
 Radionuclide Production Cross Section 1800 d to 9999. %



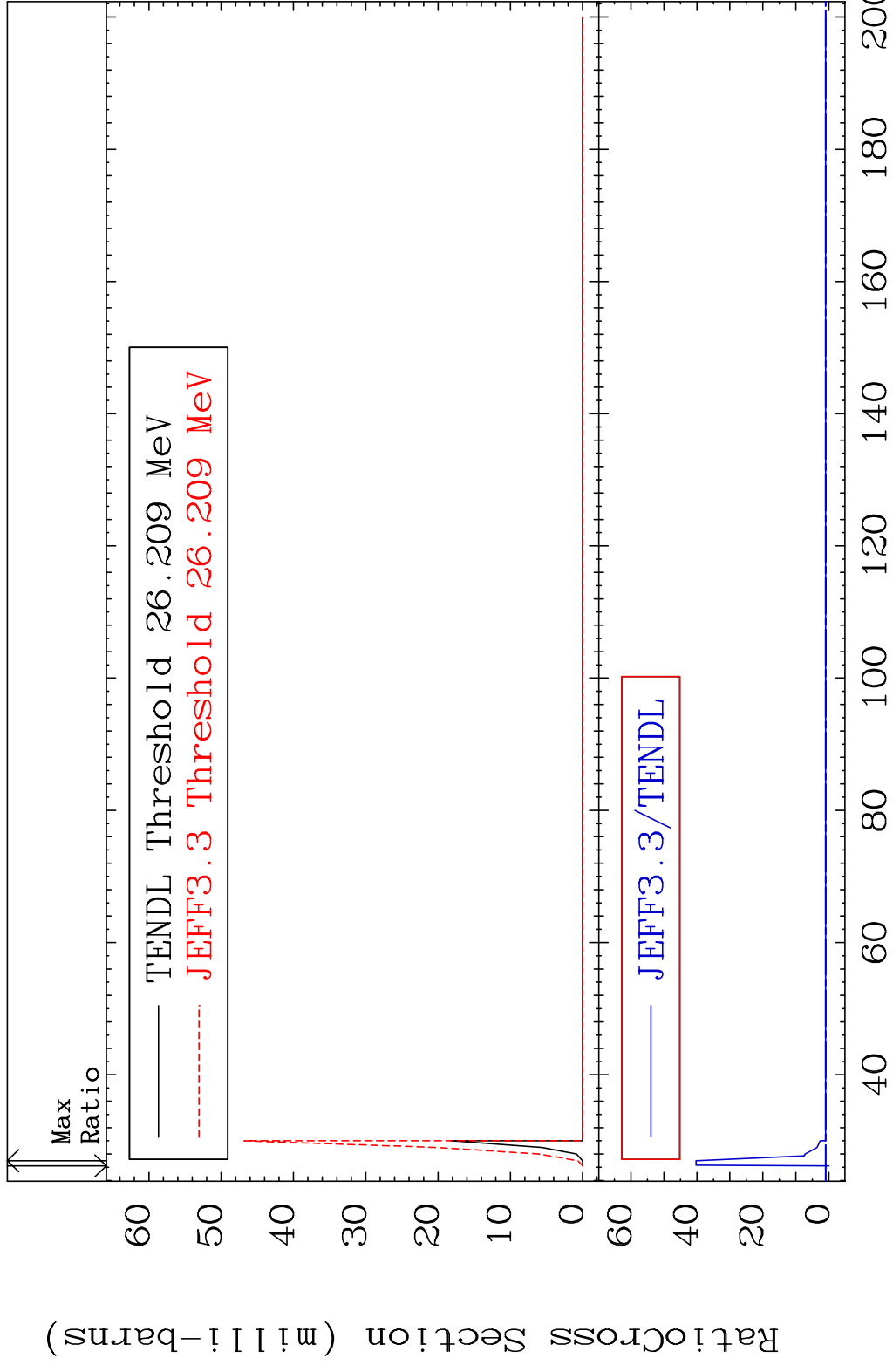




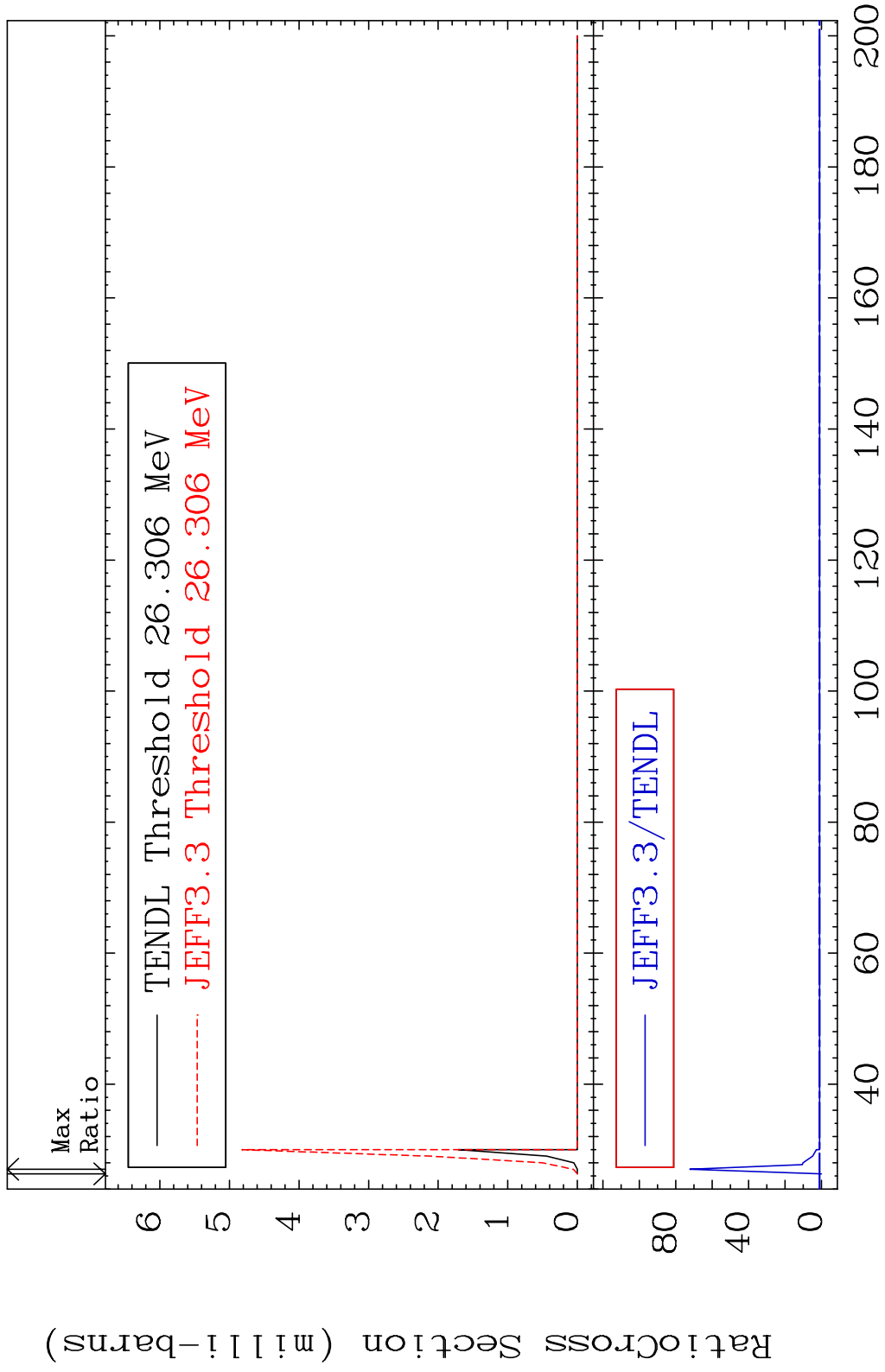




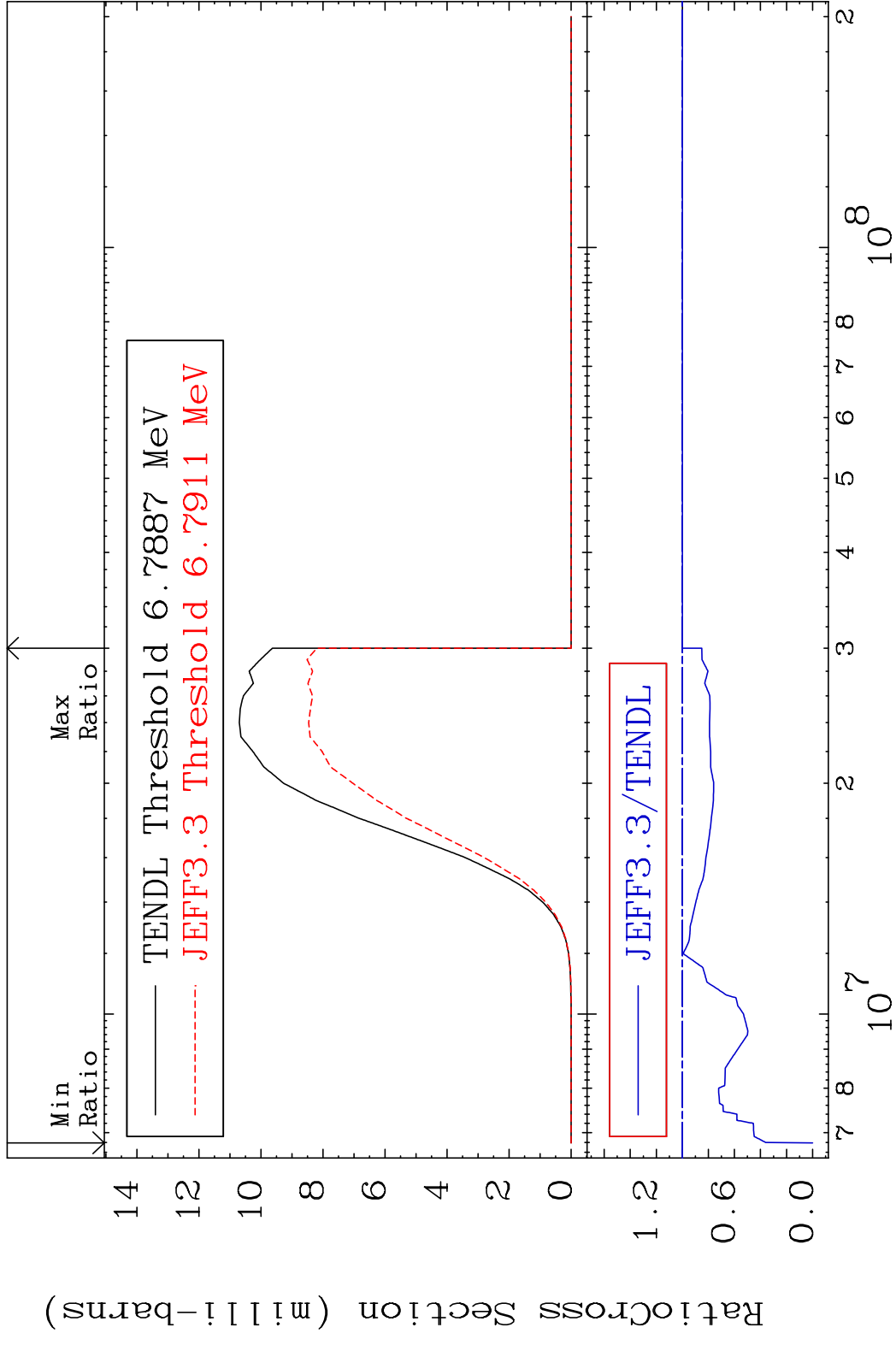
MAT 3449 (n,4n):34-Se-79g 34-Se-82  
 Radionuclide Production Cross Section Ratio 3927. %



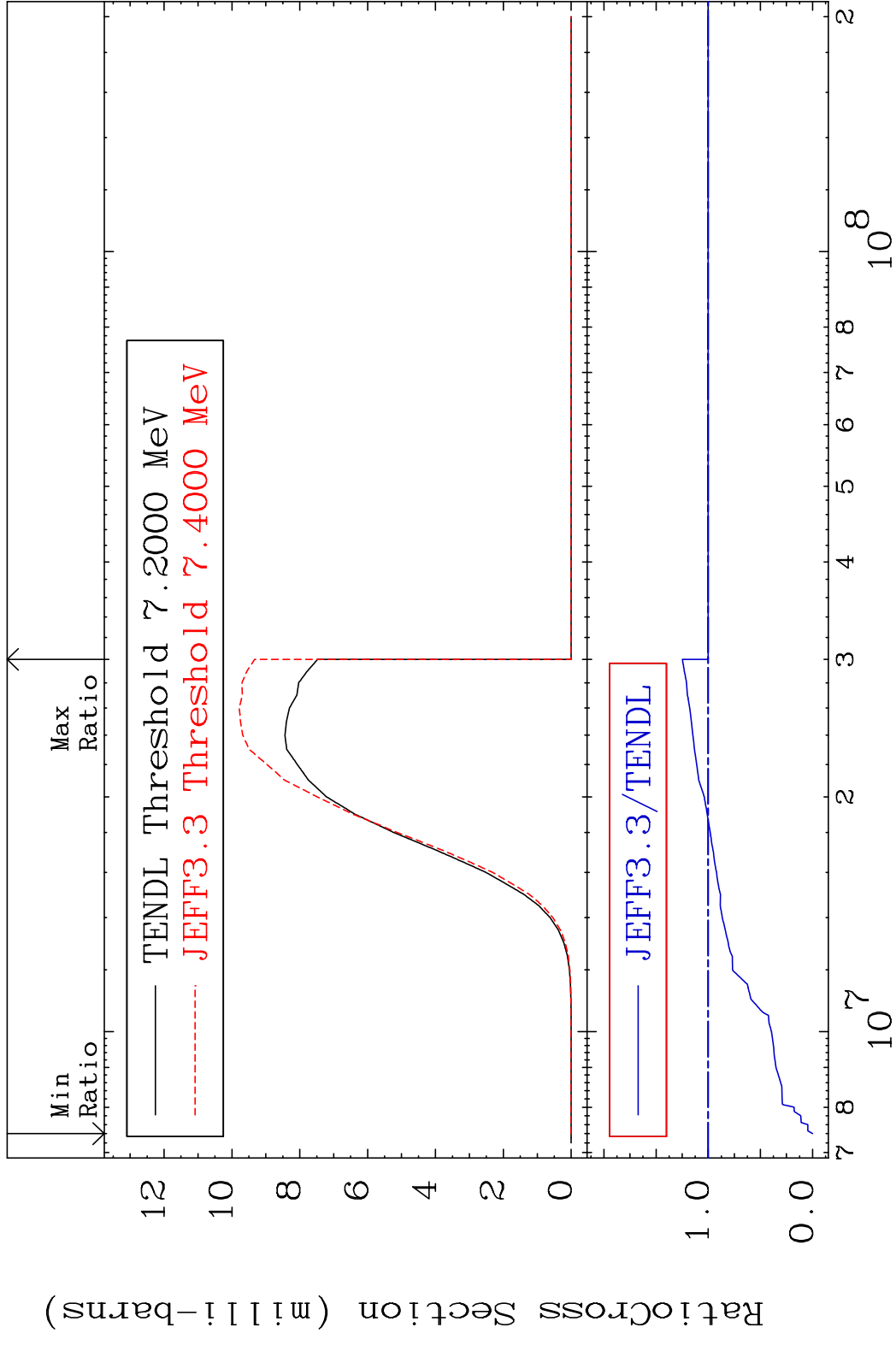
MAT 3449 (n,4n):34-Se-79m1 34-Se-82  
 Radionuclide Production Cross Section 180.01 dno 7130. %



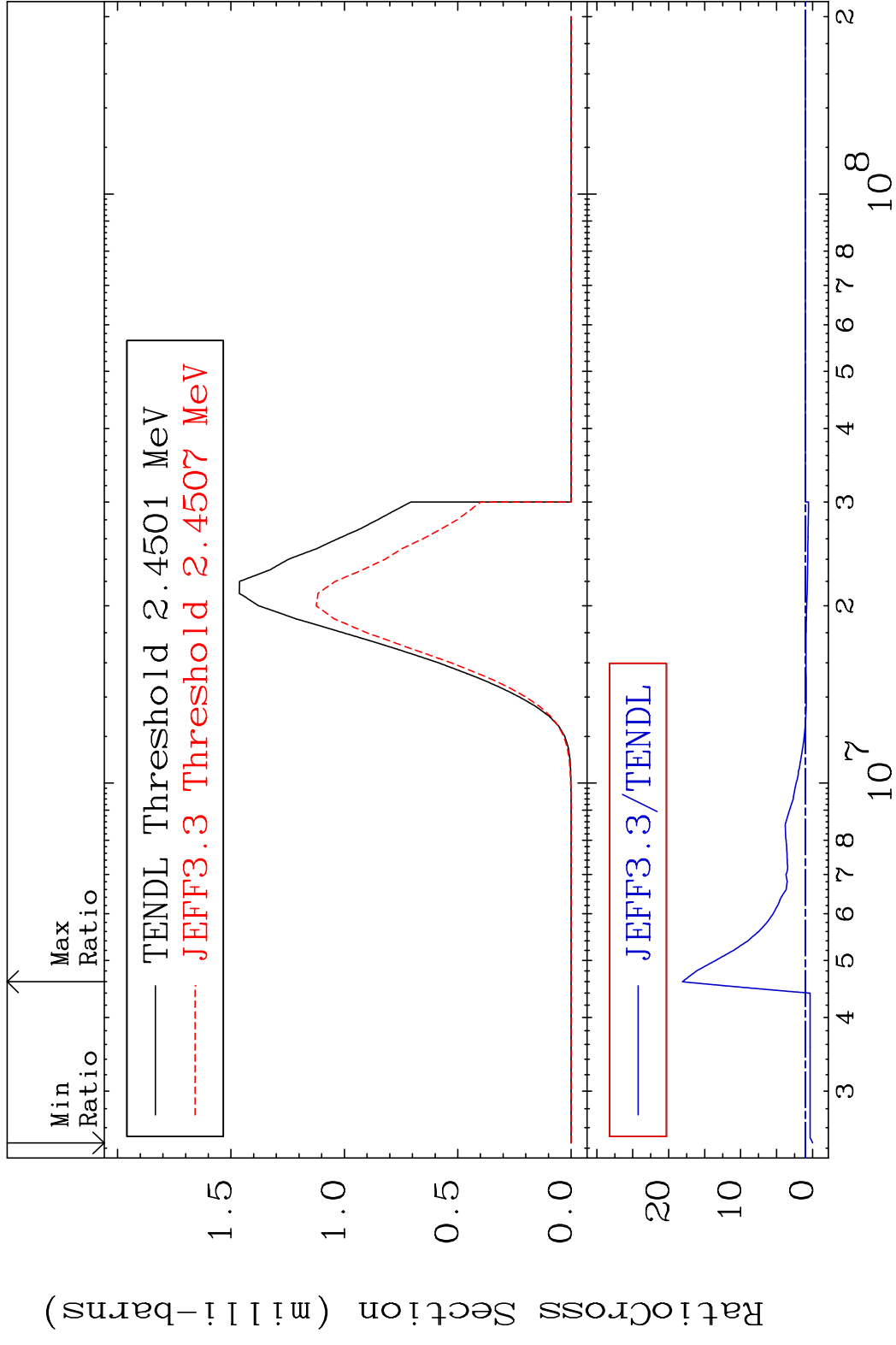
MAT 3449 (n, p):33-As-82g 34-Se-82  
 Radionuclide Production Cross Section Ratio 0.000 %

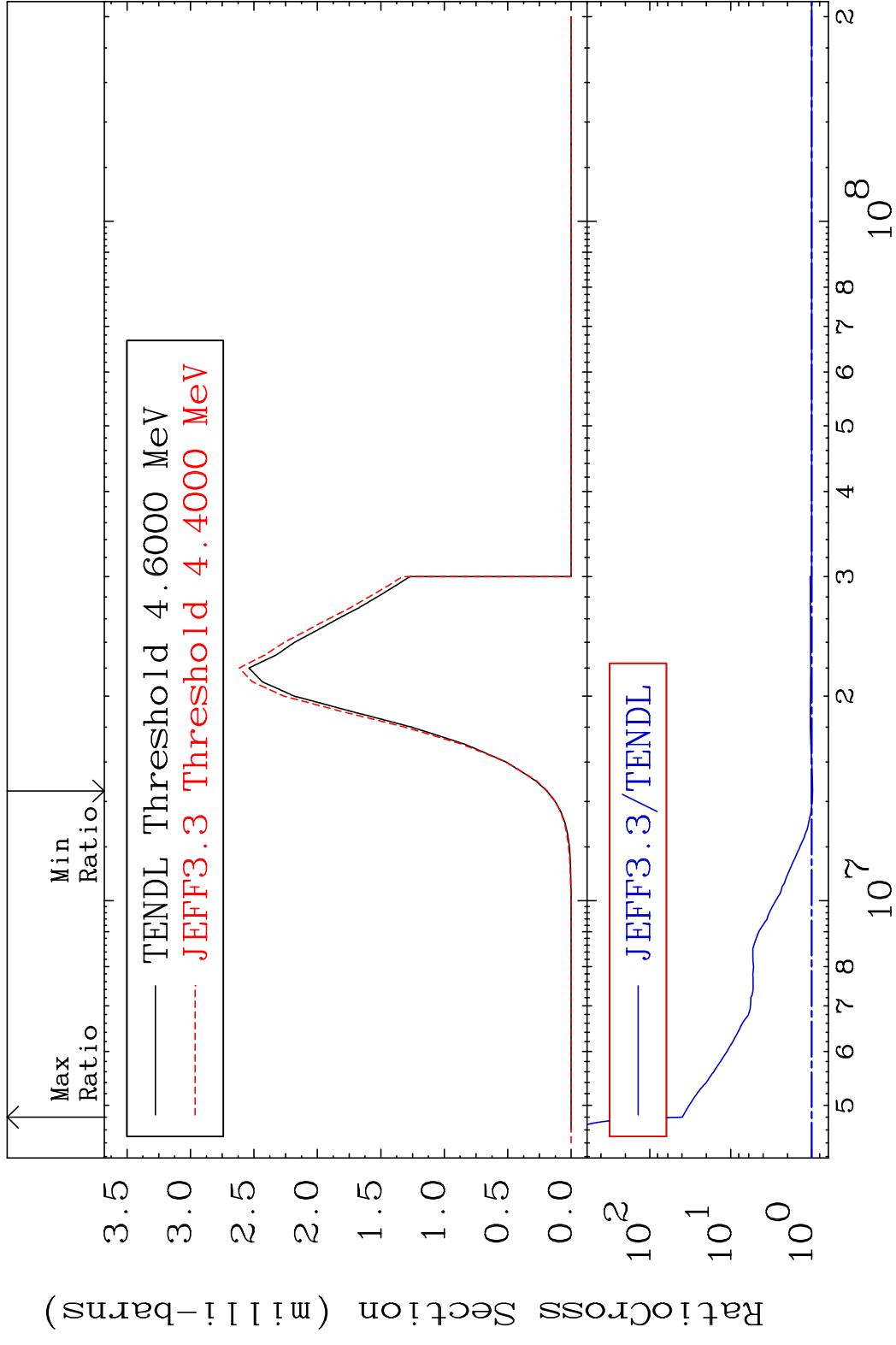


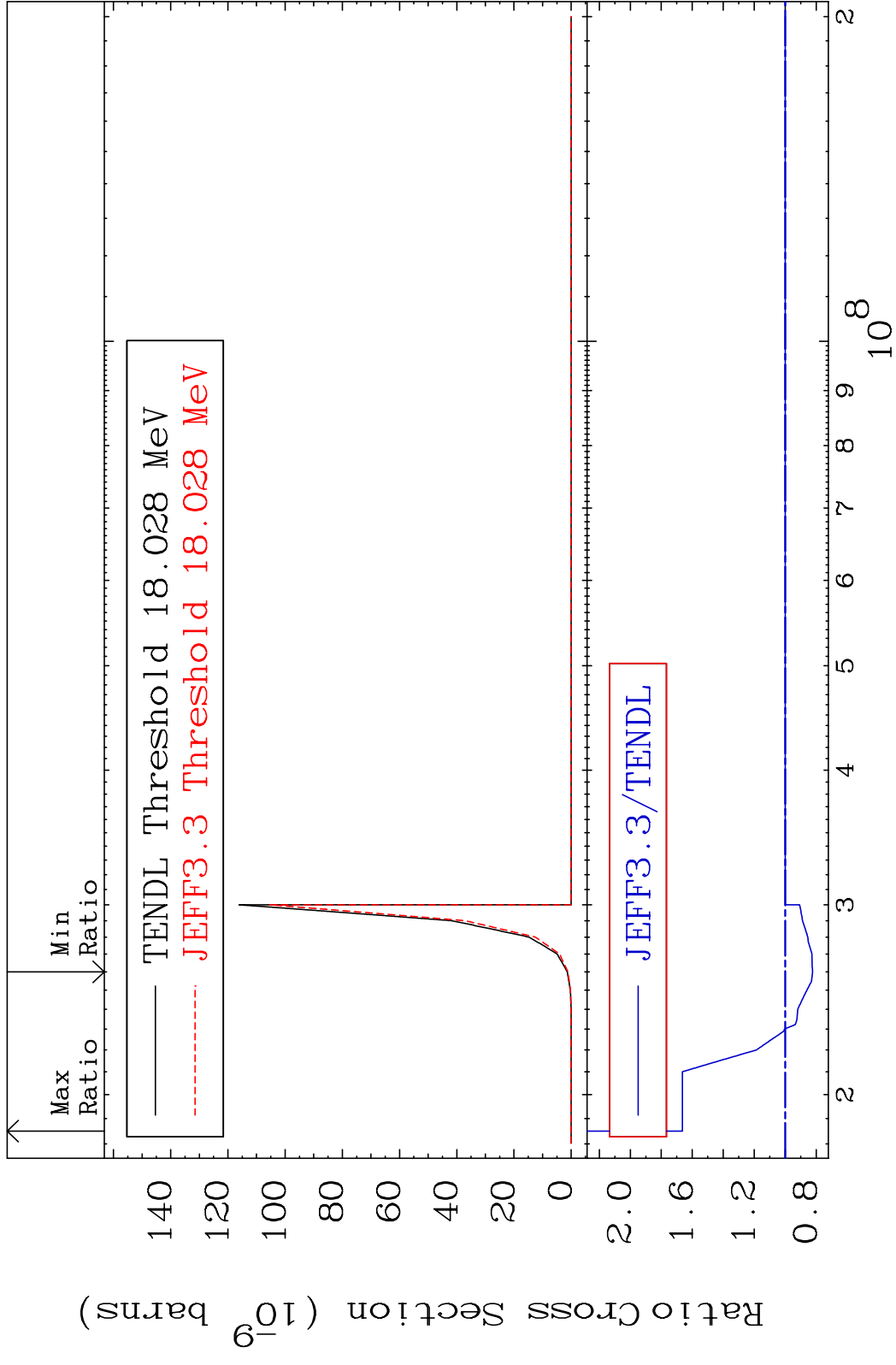
MAT 3449 (n,p):33-As-82m1 34-Se-82  
 Radionuclide Production Cross Section 180.01 dno 24.82 %



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 %

