

Program Complot  
(Version 2021-1)

by

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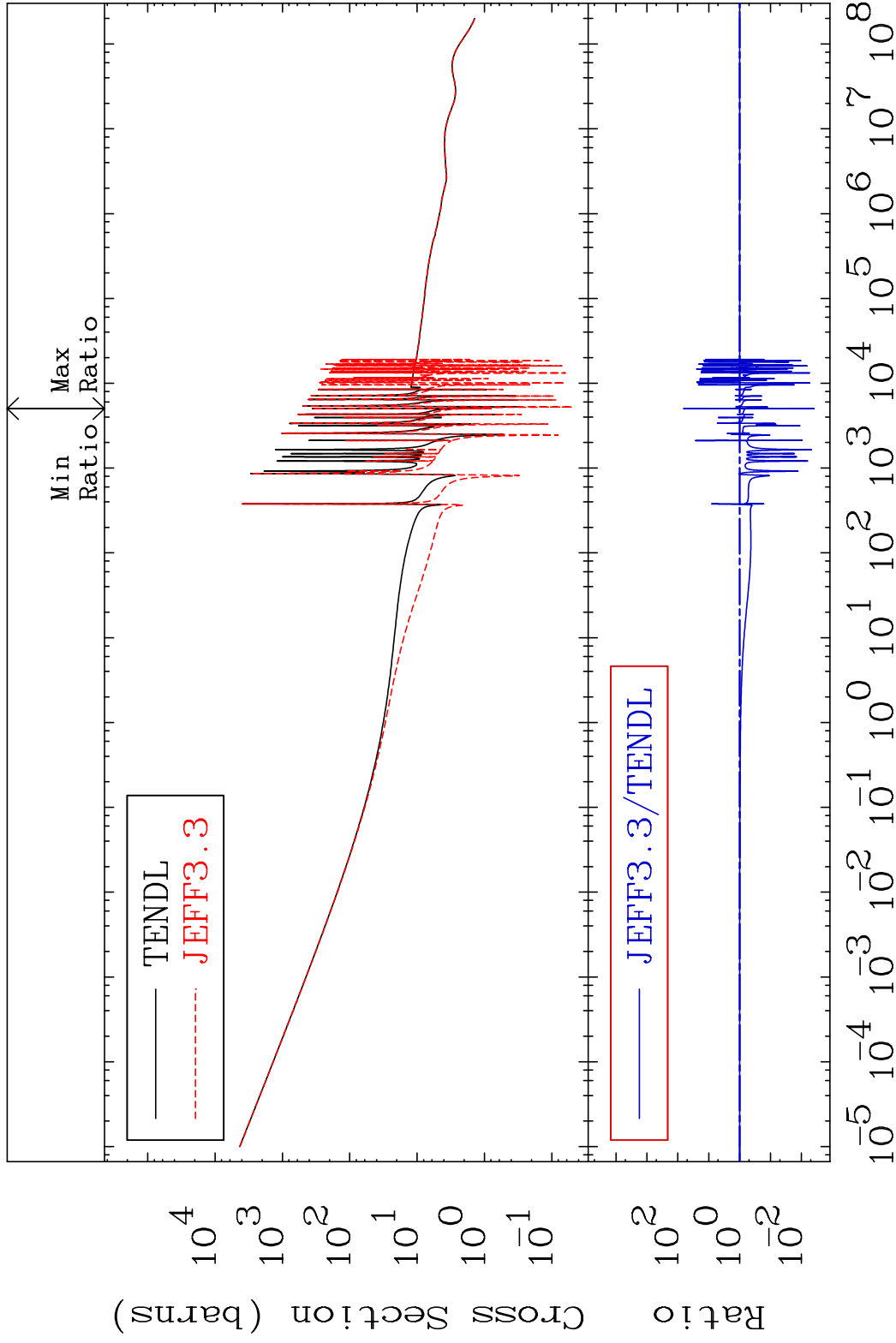
Press Mouse Button to Start

MAT 3431

Total

34-Se-76

Cross Section -99.61 To 6389. %



1

Incident Energy (eV)

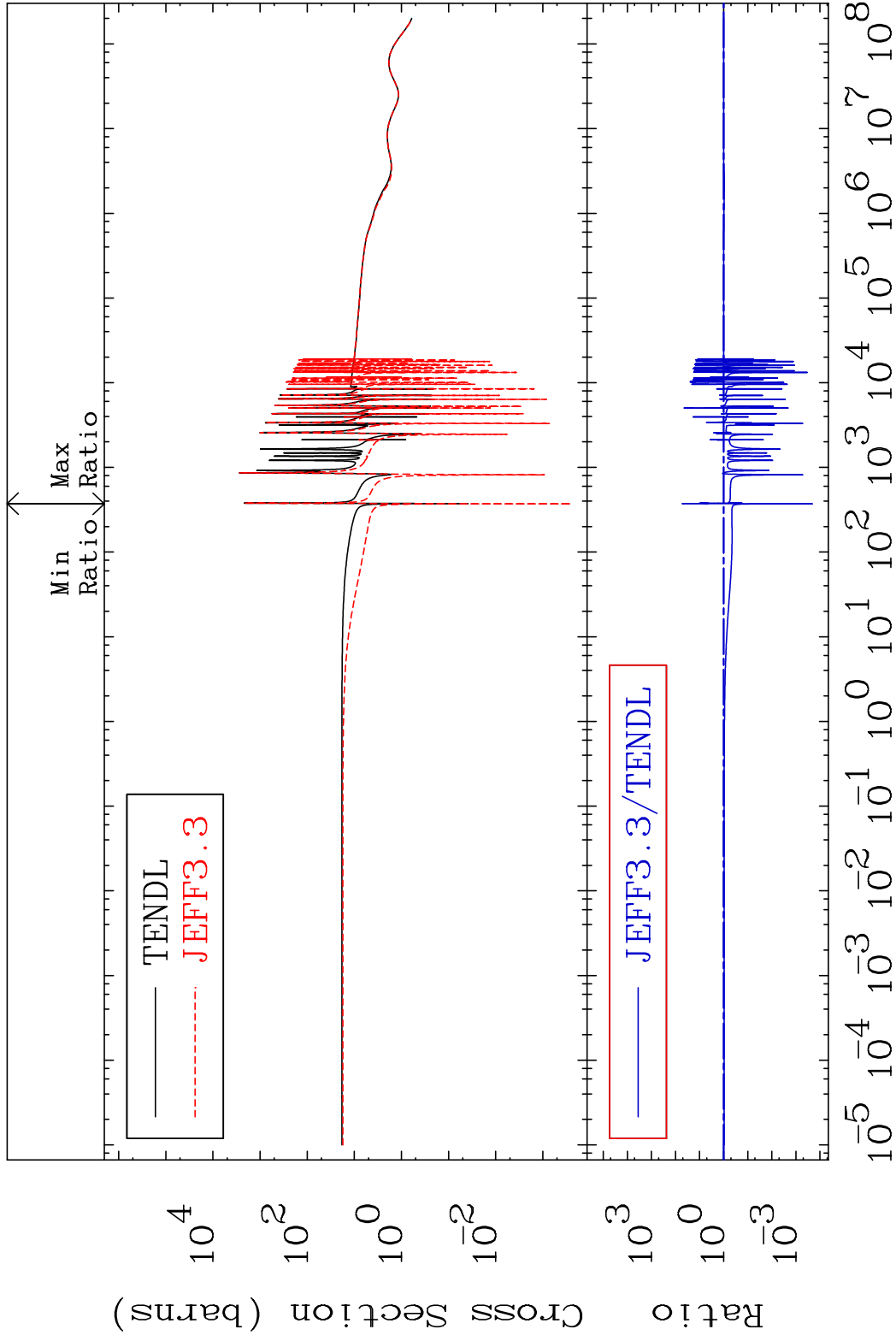
34-Se-76

MAT 3431

Elastic

34-Se-76

Cross Section -99.98 To 5099. %



2

Incident Energy (eV)

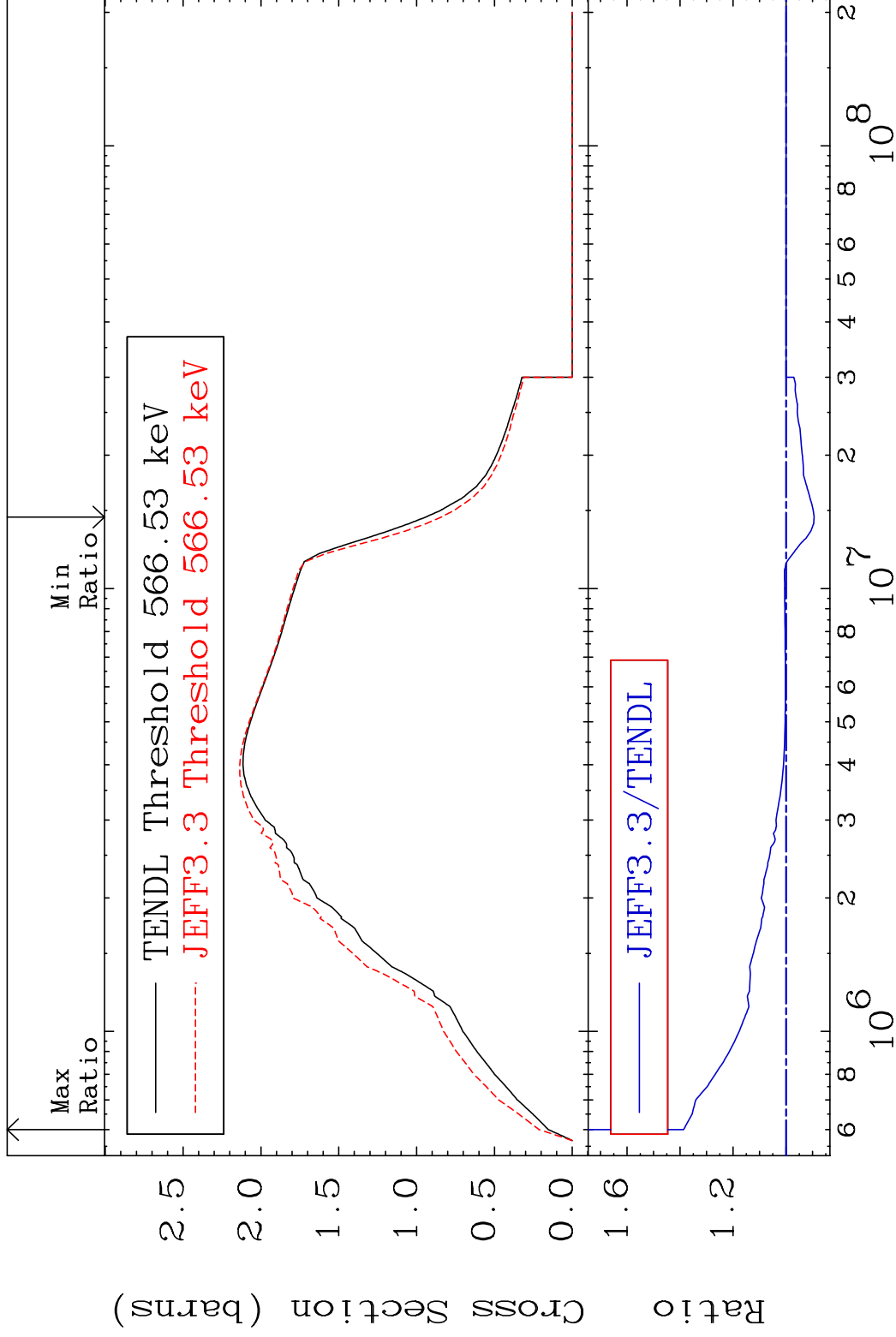
34-Se-76

MAT 3431

Inelastic

<sup>34</sup>Se-76

Cross Section -10.60 To 38.64 %



3

Incident Energy (eV)

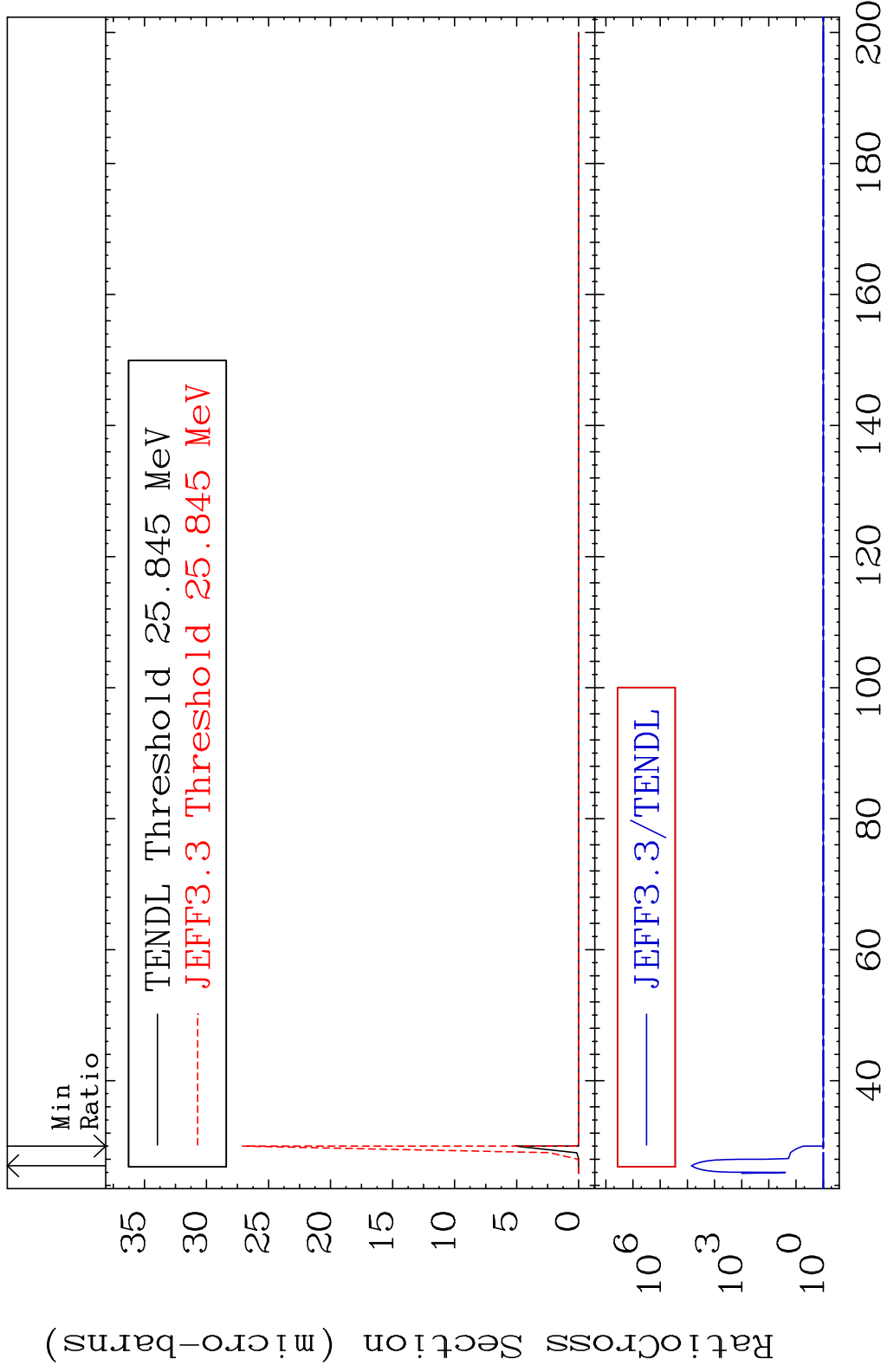
<sup>34</sup>Se-76

MAT 3431

(n,2n) d

34-Se-76

Cross Section 0.000 To 9999. %

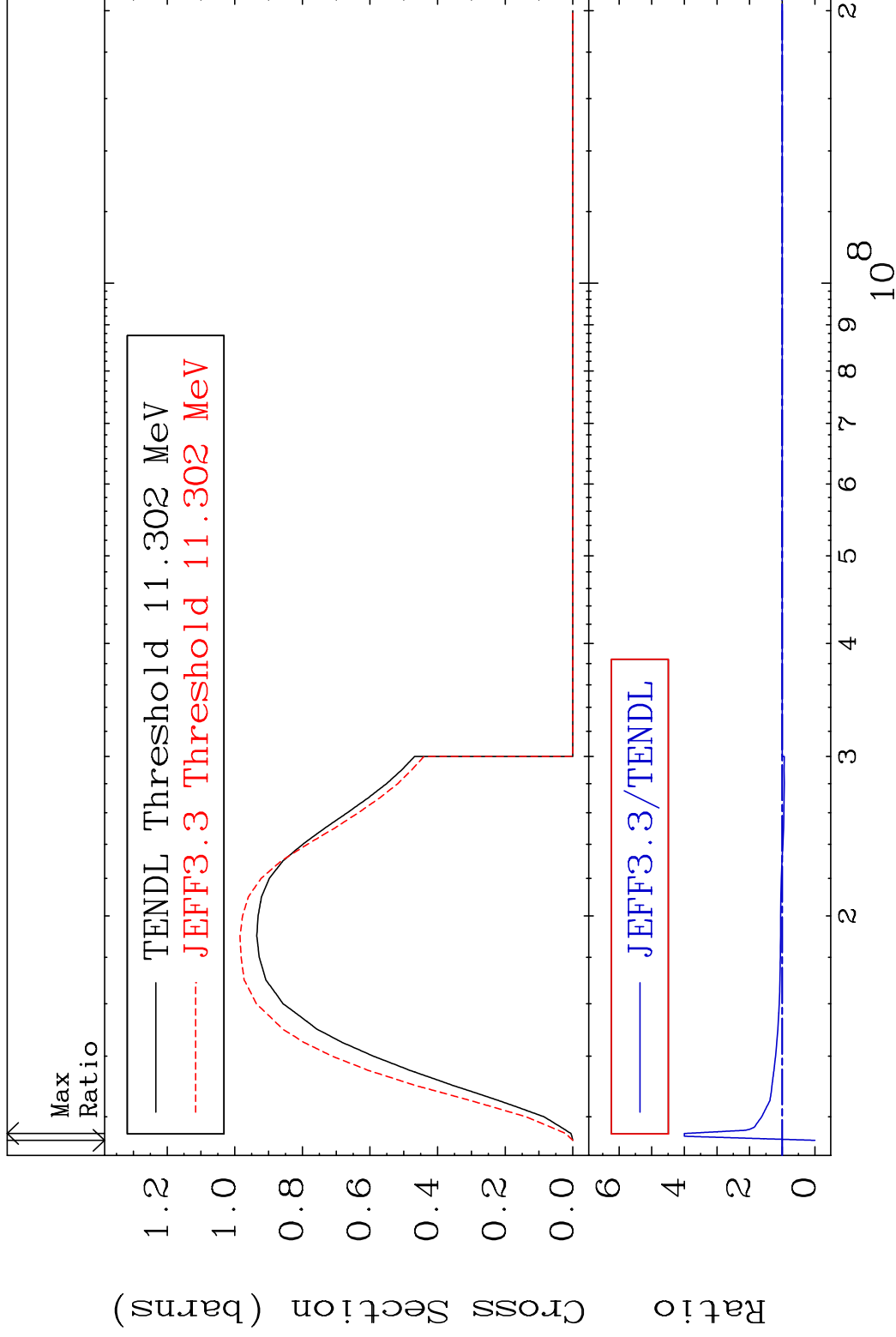


MAT 3431

(n,2n)

<sup>34</sup>Se-76

Cross Section -100.0 To 300.2 %



5

Incident Energy (eV)

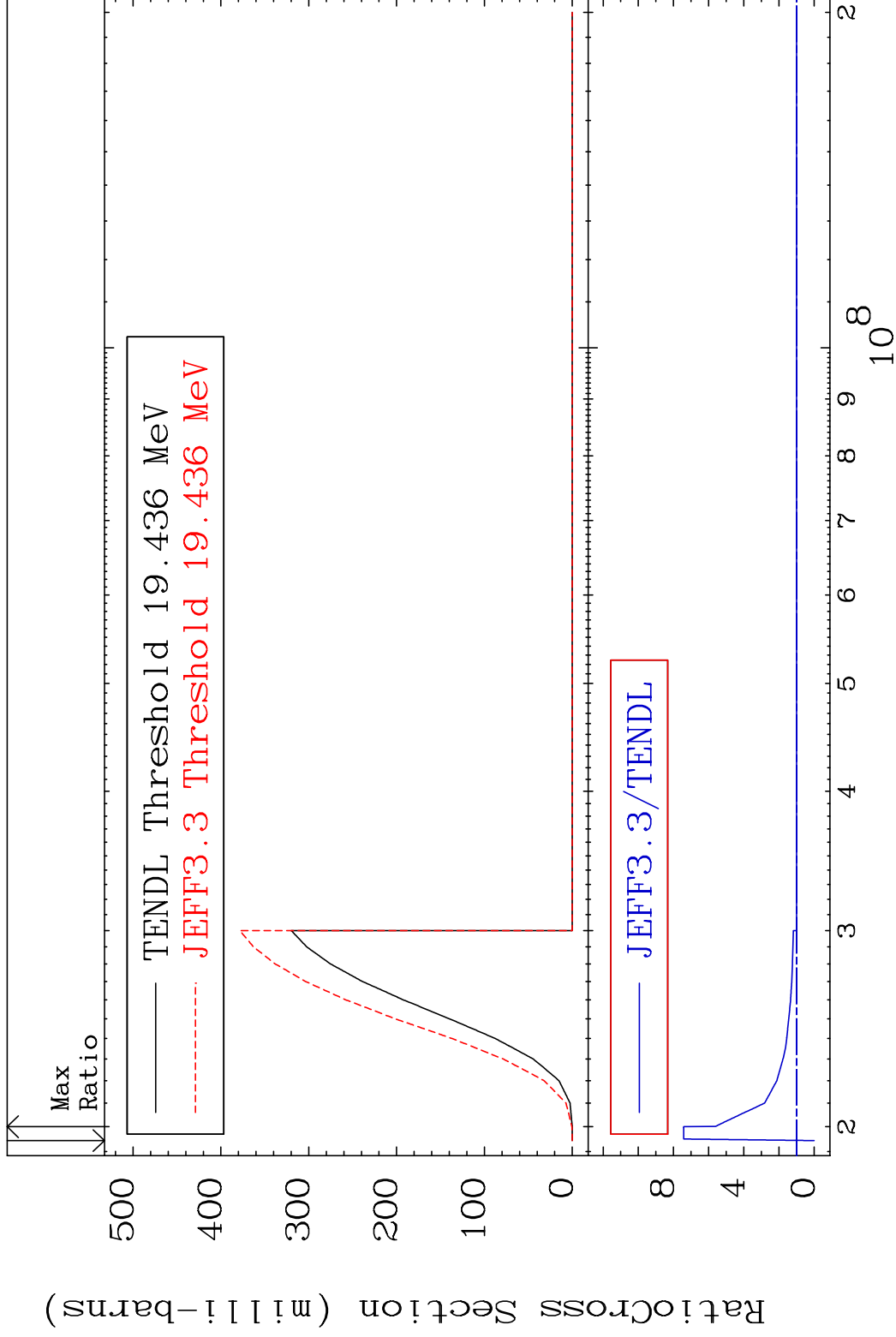
<sup>34</sup>Se-76

MAT 3431

(n,3n)

<sup>34</sup>Se-76

Cross Section -100.0 To 642.1 %



6

Incident Energy (eV)

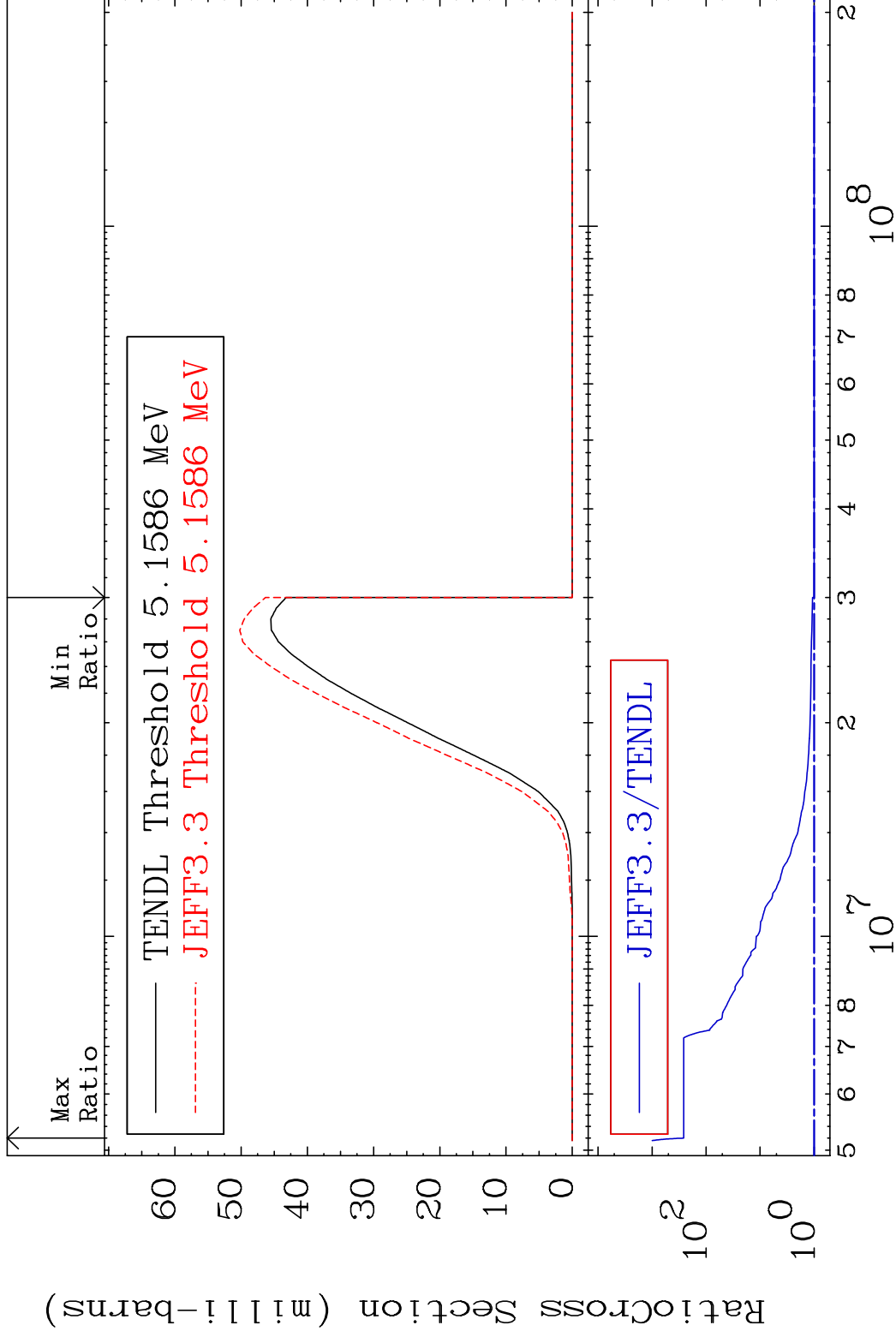
<sup>34</sup>Se-76

MAT 3431

(n, n')  $\alpha$

34-Se-76

Cross Section 0.000 To 9999. %



7

Incident Energy (eV)

34-Se-76

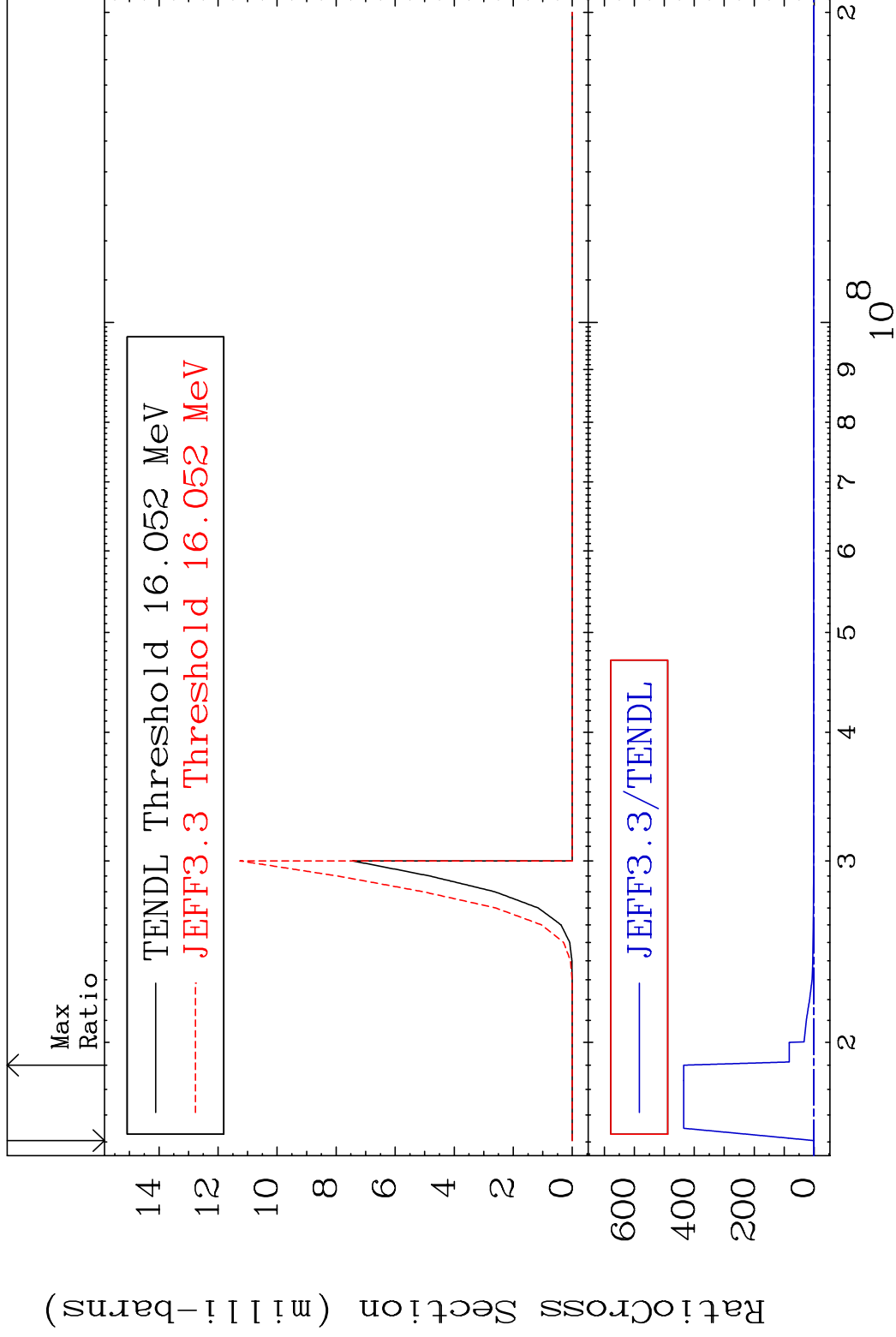


MAT 3431

(n,2n)  $\alpha$

34-Se-76

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

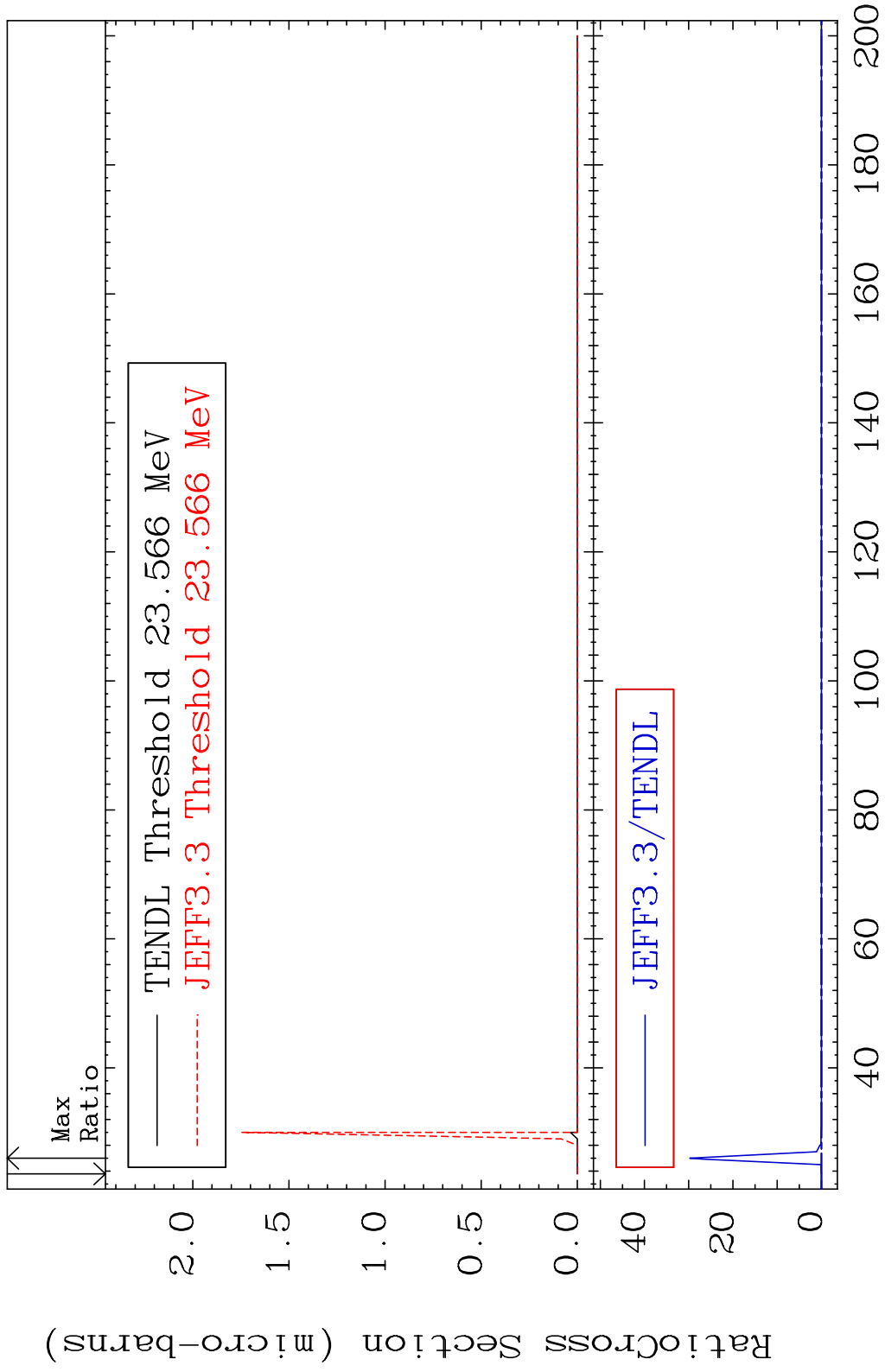
34-Se-76

MAT 3431

(n,3n)  $\alpha$

34-Se-76

Cross Section -100.0 To 9999. %

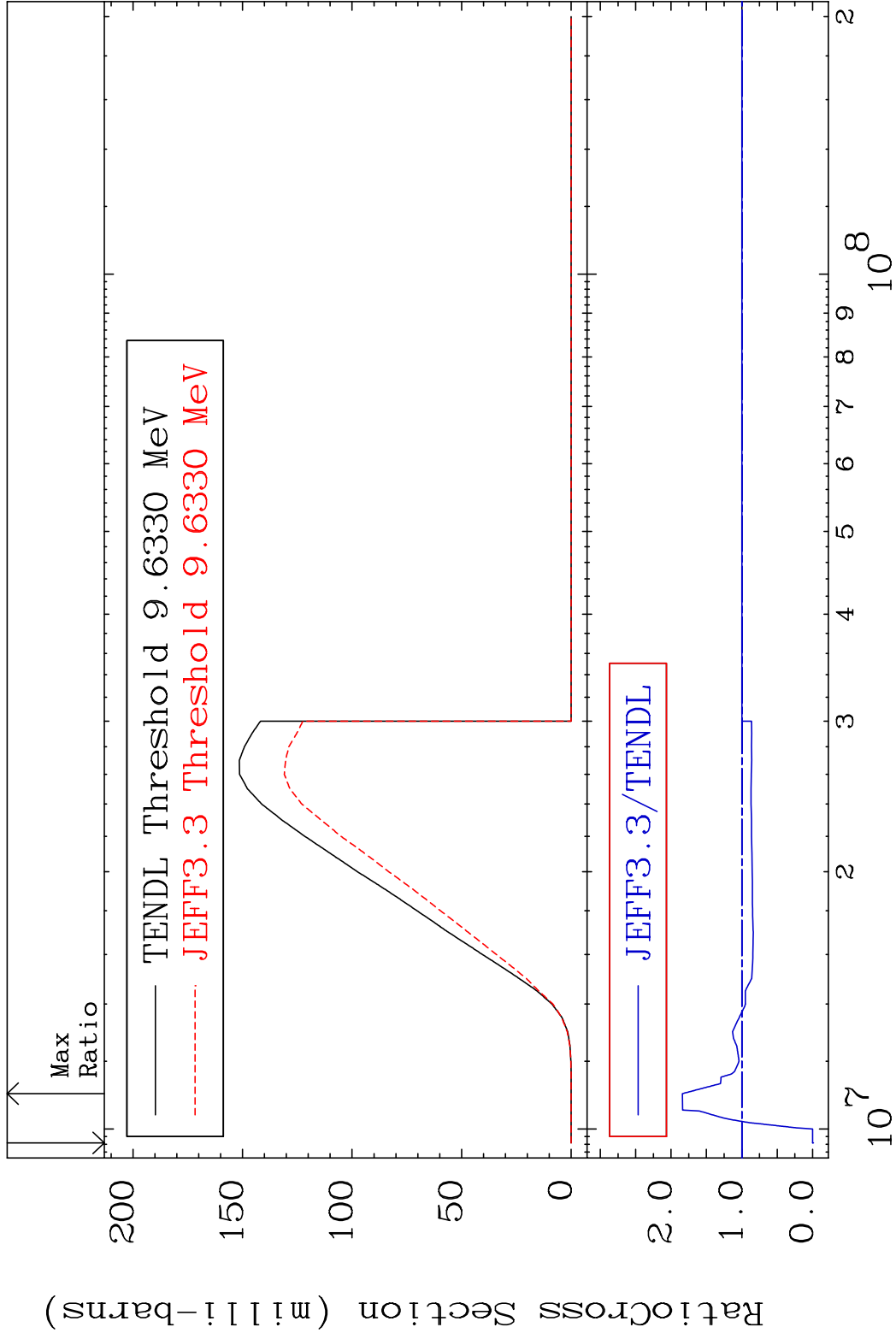


MAT 3431

(n, n') p

<sup>34</sup>Se-76

Cross Section -100.0 To 84.04 %



10

Incident Energy (eV)

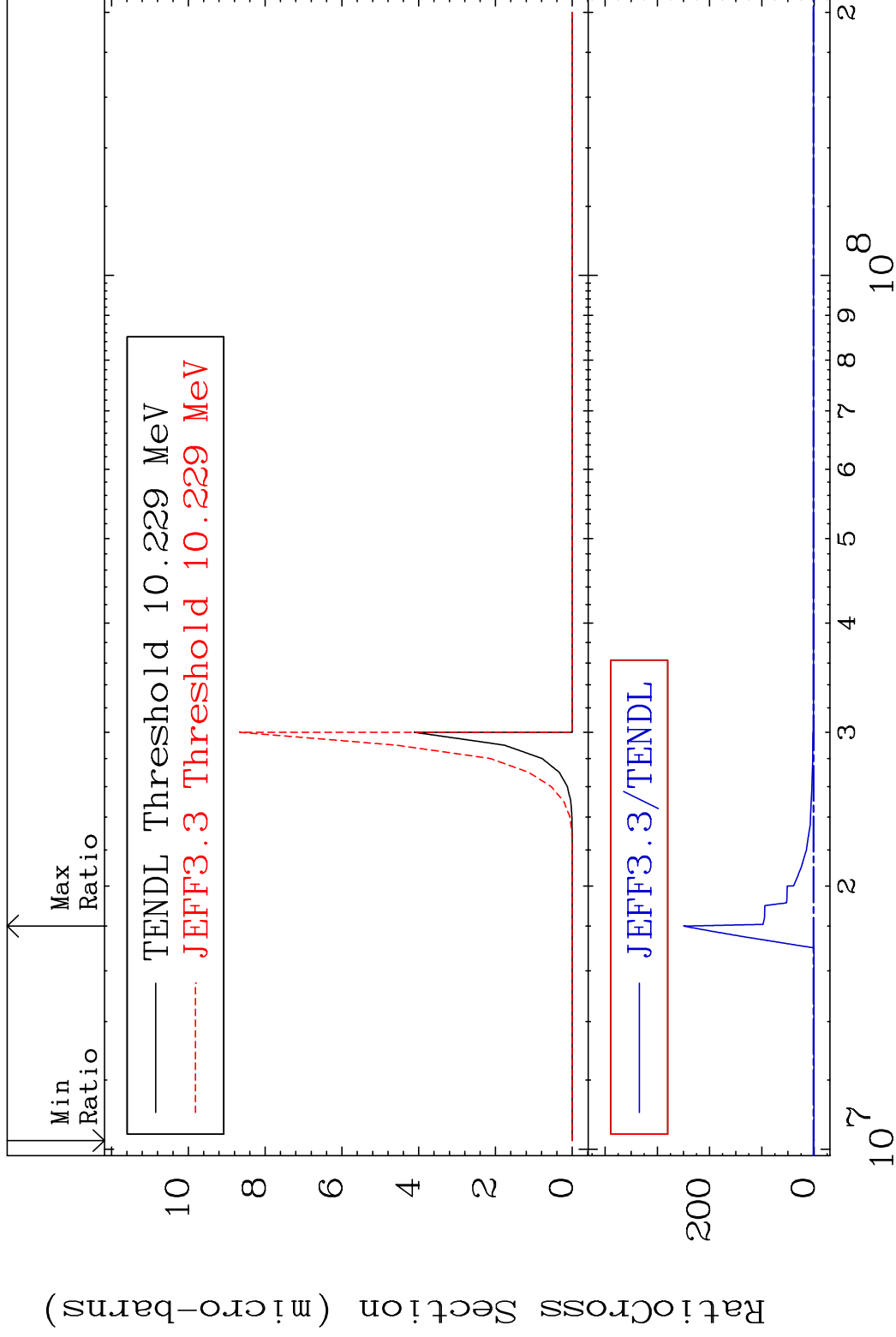
<sup>34</sup>Se-76

MAT 3431

(n, n') 2 $\alpha$

34-Se-76

Cross Section -100.0 To 9999. %



11

Incident Energy (eV)

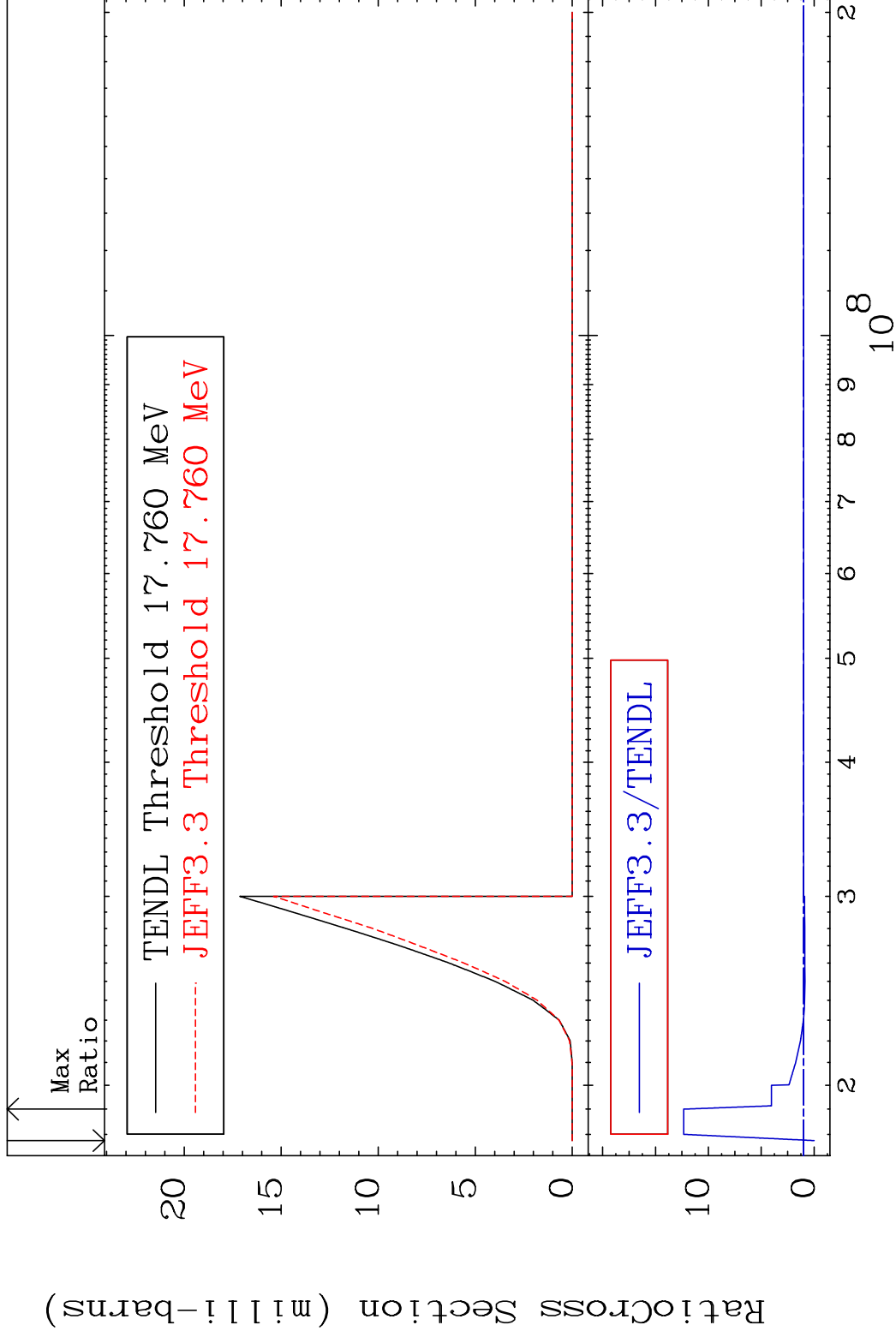
34-Se-76

MAT 3431

(n, n') d

<sup>34</sup>Se-76

Cross Section -100.0 To 1134. %



12

Incident Energy (eV)

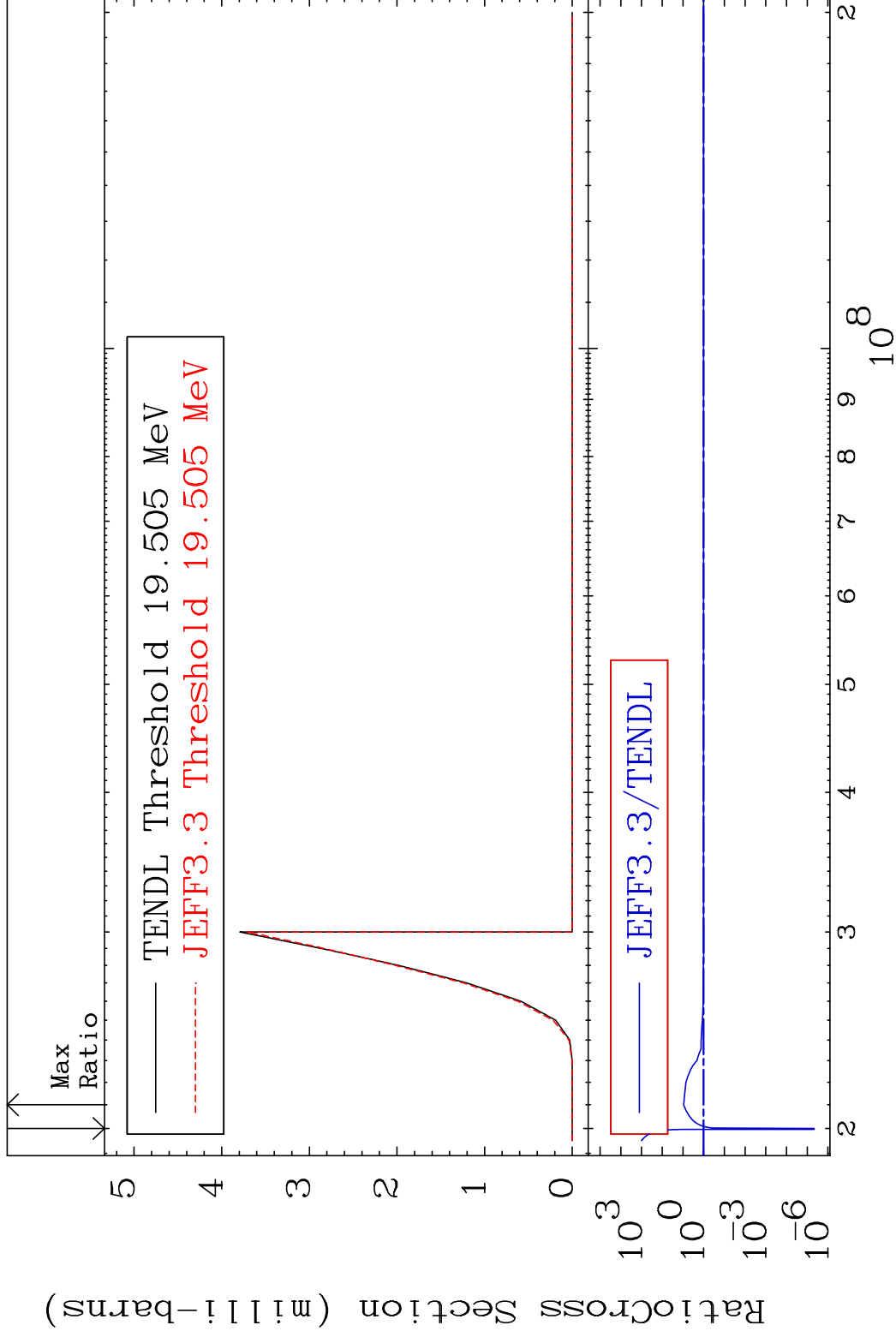
<sup>34</sup>Se-76

MAT 3431

(n, n') t

<sup>34</sup>Se-76

Cross Section -100.0 To 819.2 %

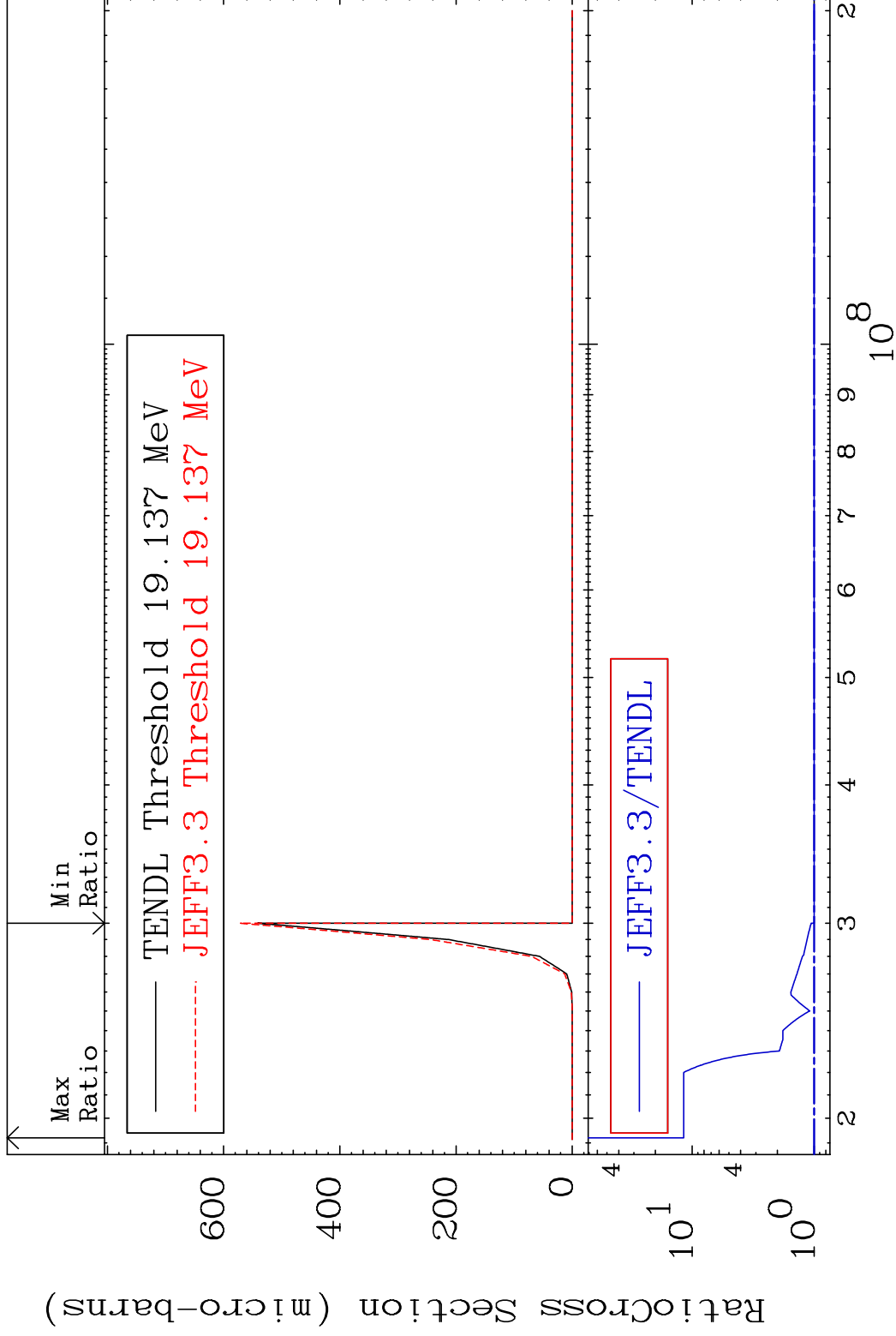


MAT 3431

(n,n') He-3

34-Se-76

Cross Section 0.000 To 1074. %



14

Incident Energy (eV)

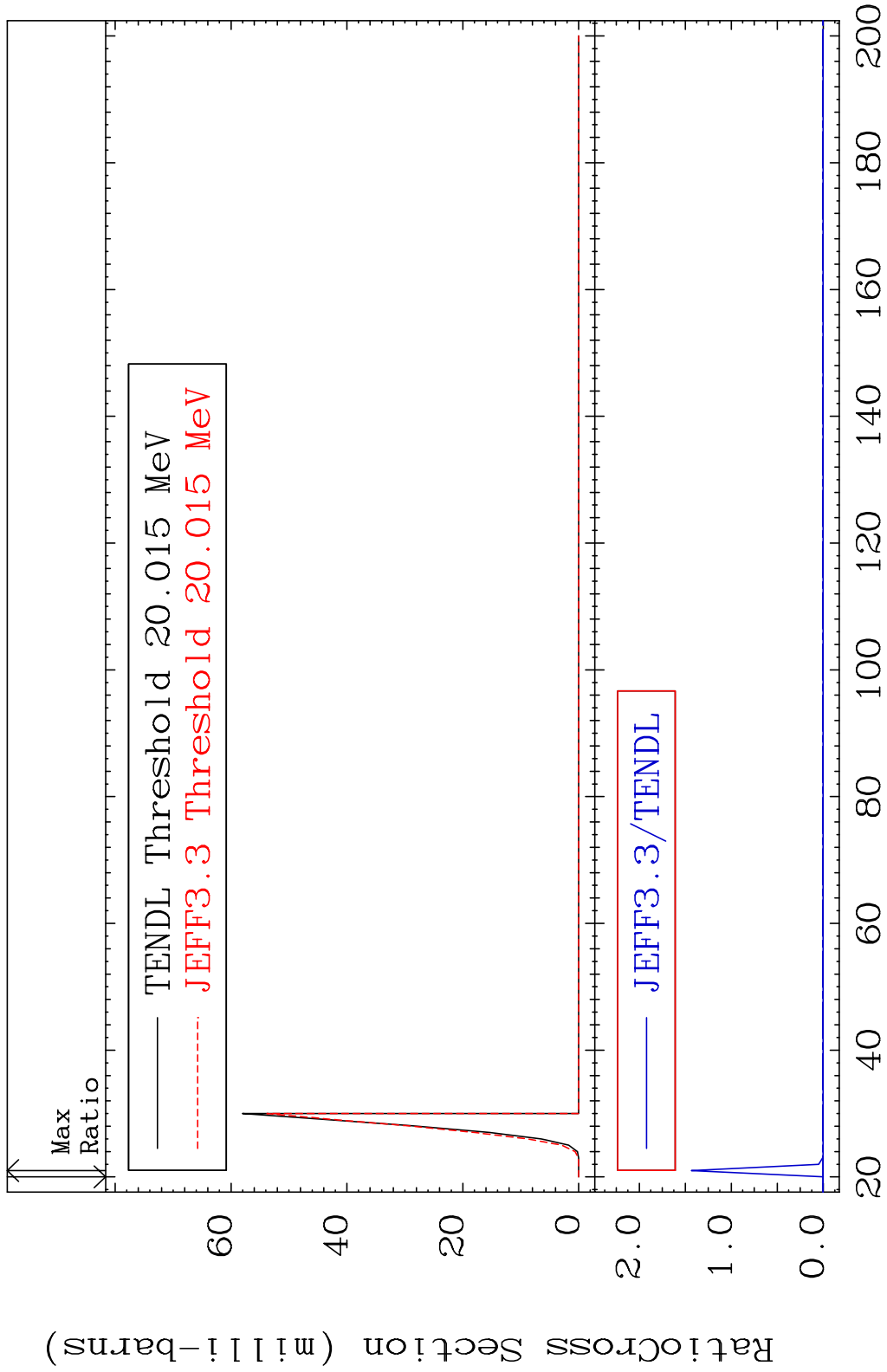
34-Se-76

MAT 3431

(n,2n) p

34-Se-76

Cross Section -100.0 To 9999. %



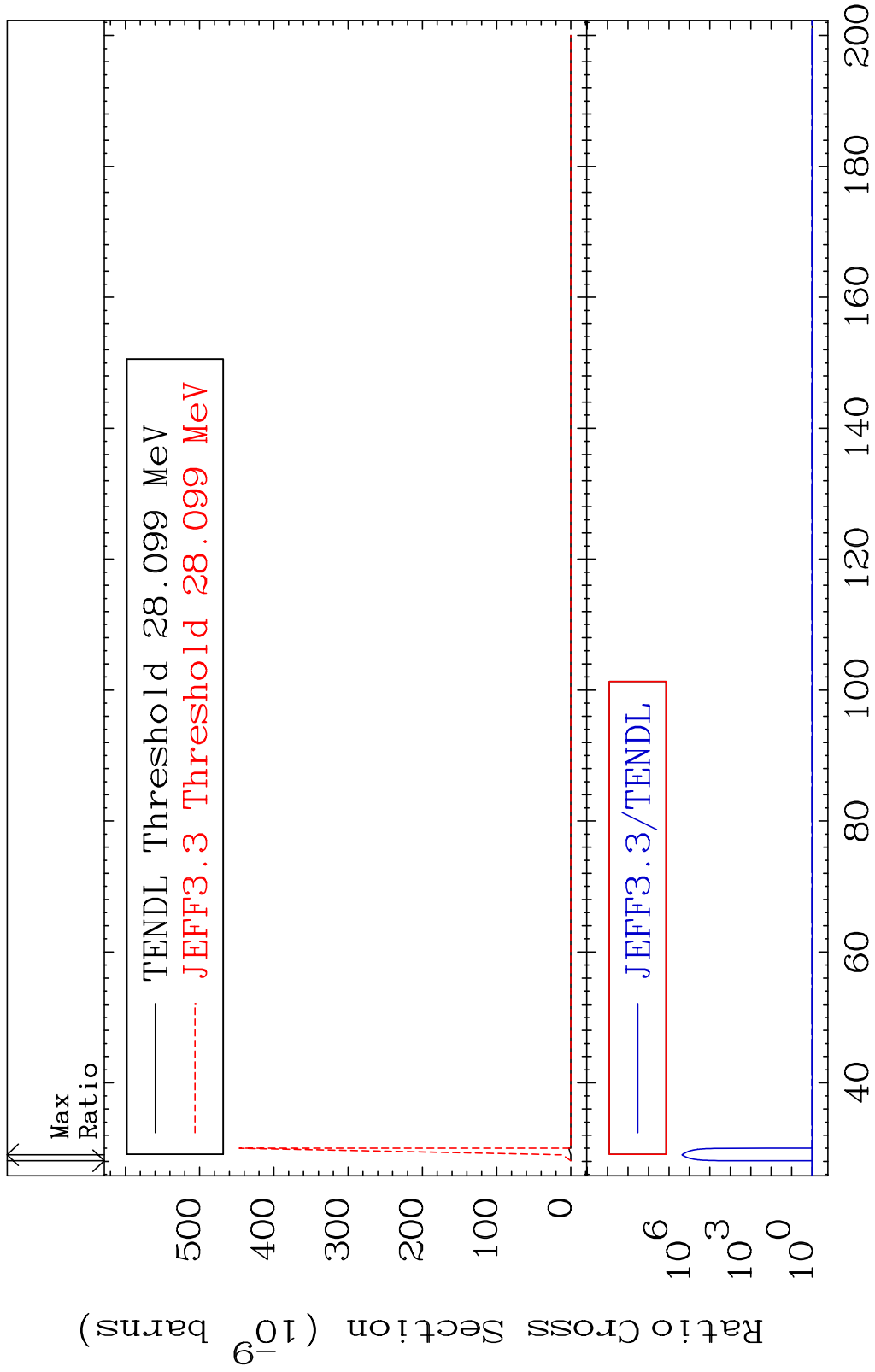


MAT 3431

(n,3n) p

34-Se-76

Cross Section 0.000 To 9999. %

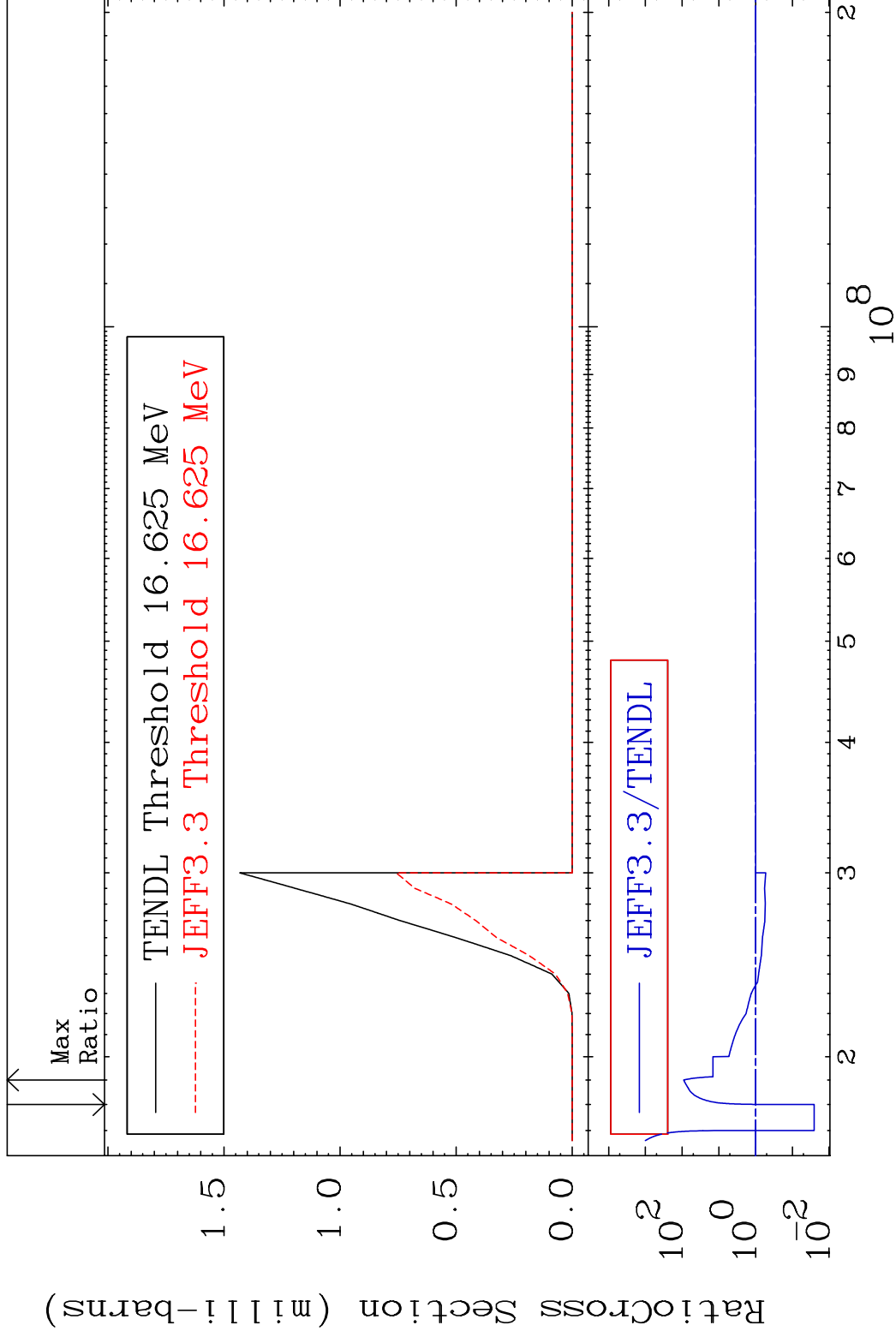


MAT 3431

(n,2n) p

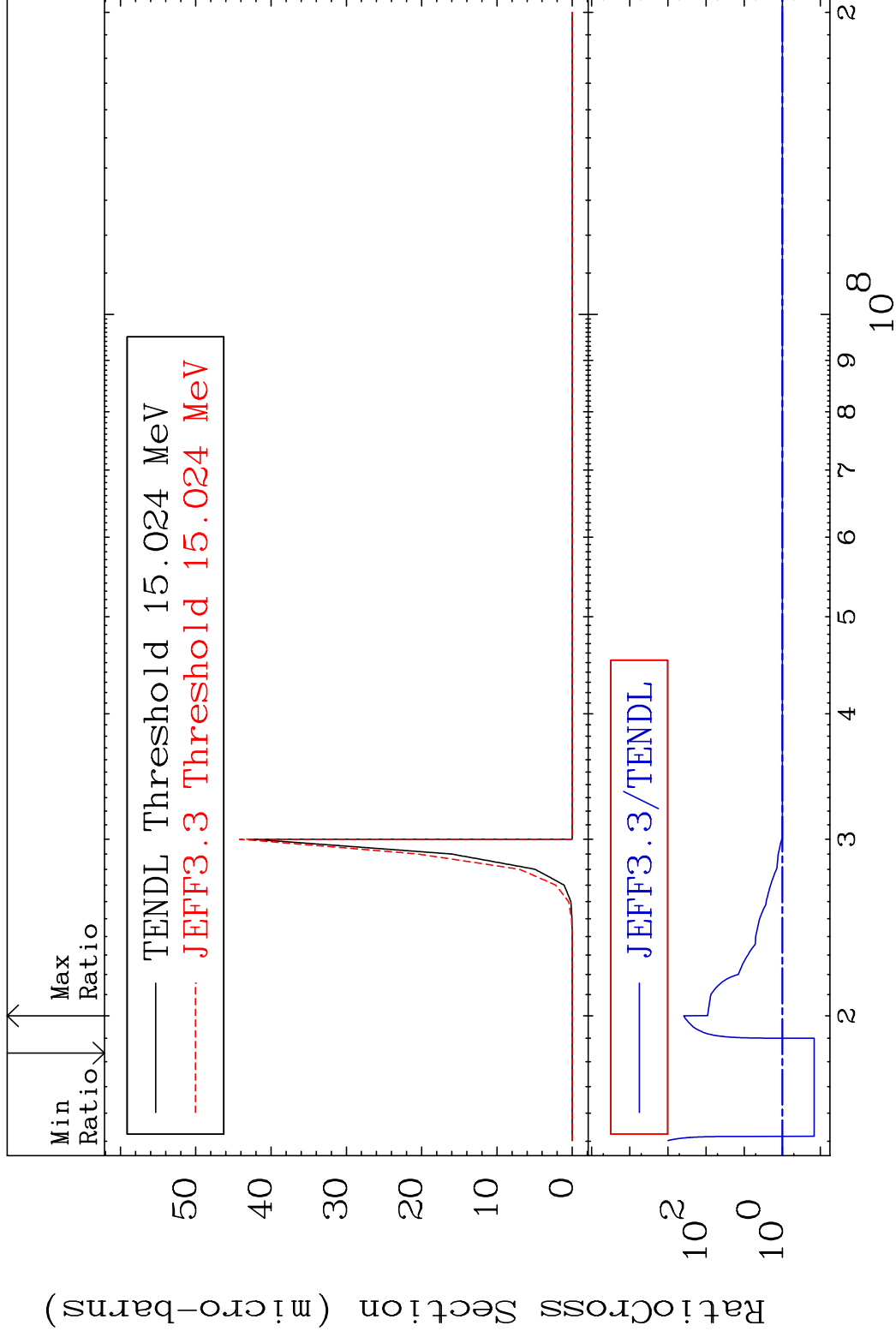
34-Se-76

Cross Section -97.44 To 8996. %



MAT 3431

(n,n') p  $\alpha$  34-Se-76  
Cross Section -85.35 To 9999. %

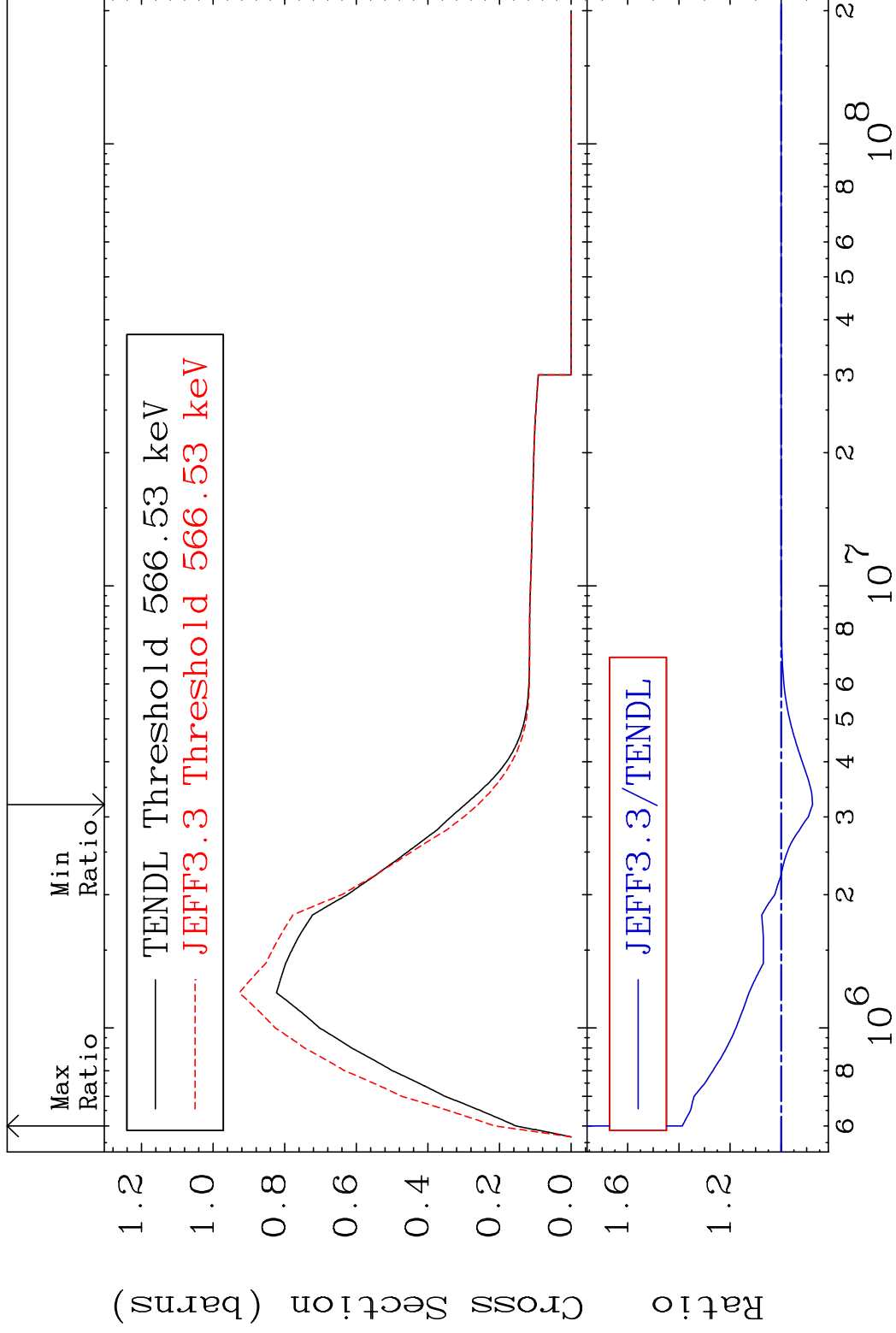


MAT 3431

MT= 51 (n,n') Level

34-Se-76

Cross Section -12.25 To 38.64 %

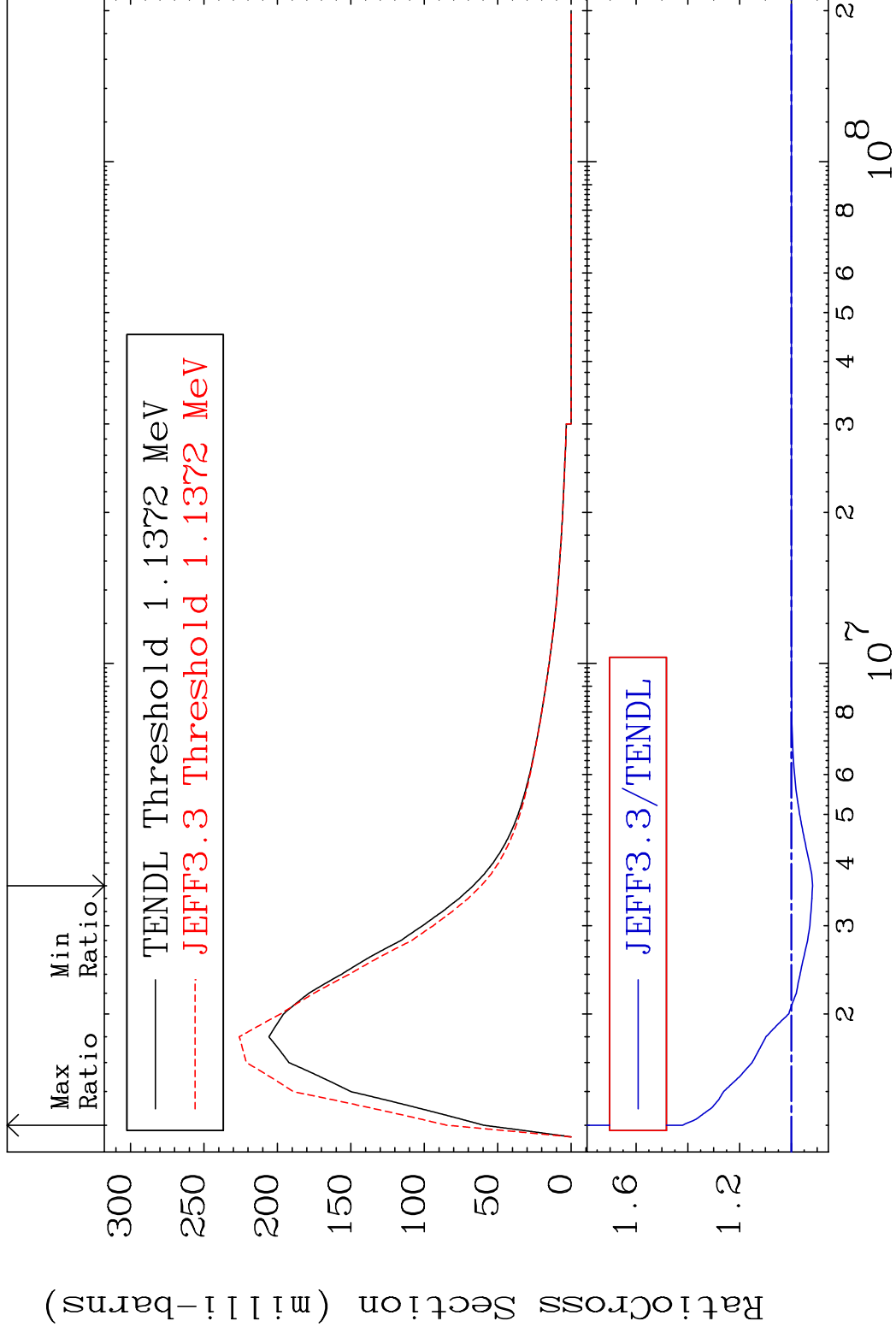


MAT 3431

MT= 52 (n, n') Level

34-Se-76

Cross Section -8.211 To 42.09 %

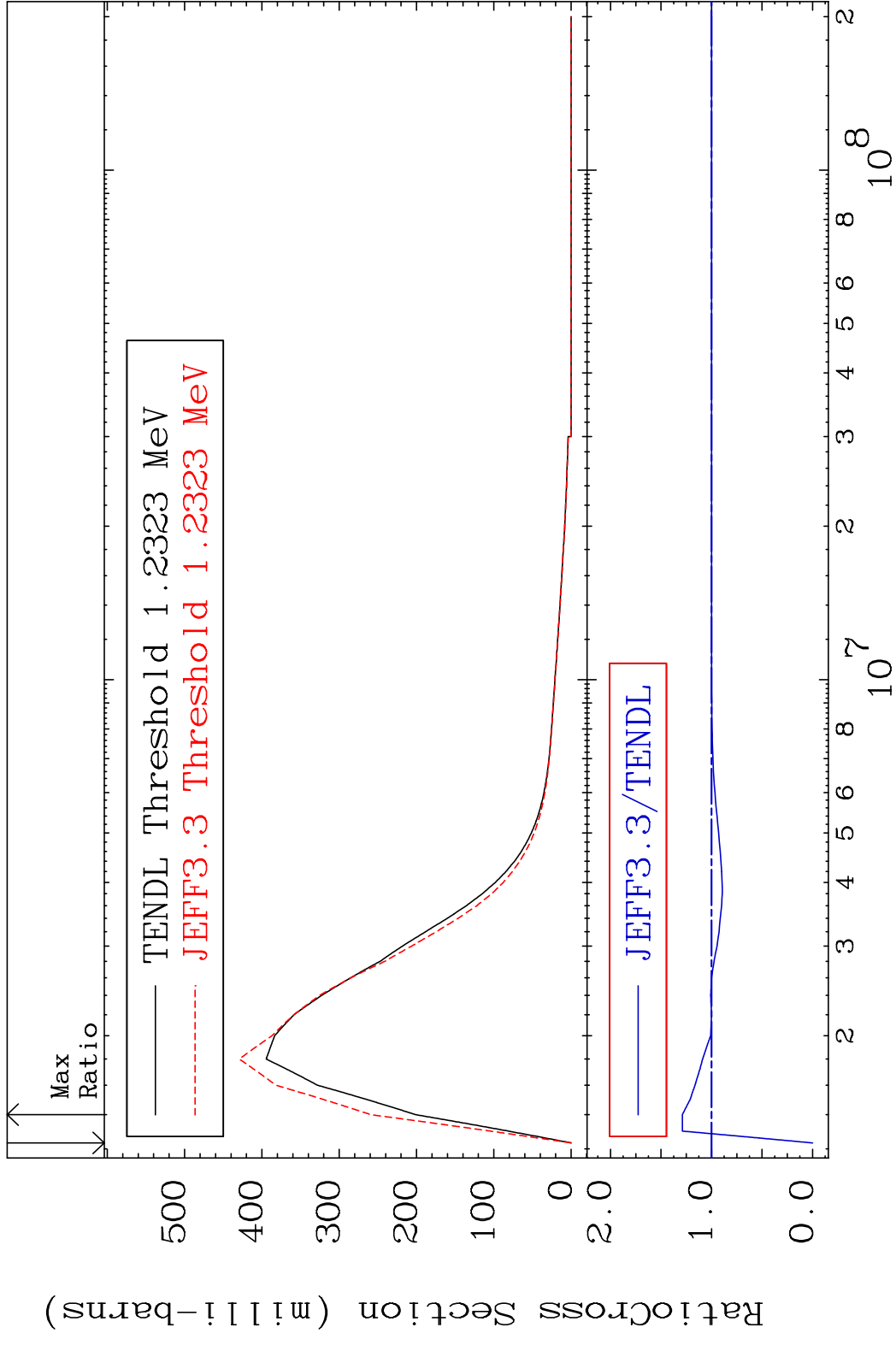


20

Incident Energy (eV)

34-Se-76

MAT 3431 MT= 53 (n,n') Level 34-Se-76  
 Cross Section -100.0 To 28.89 %

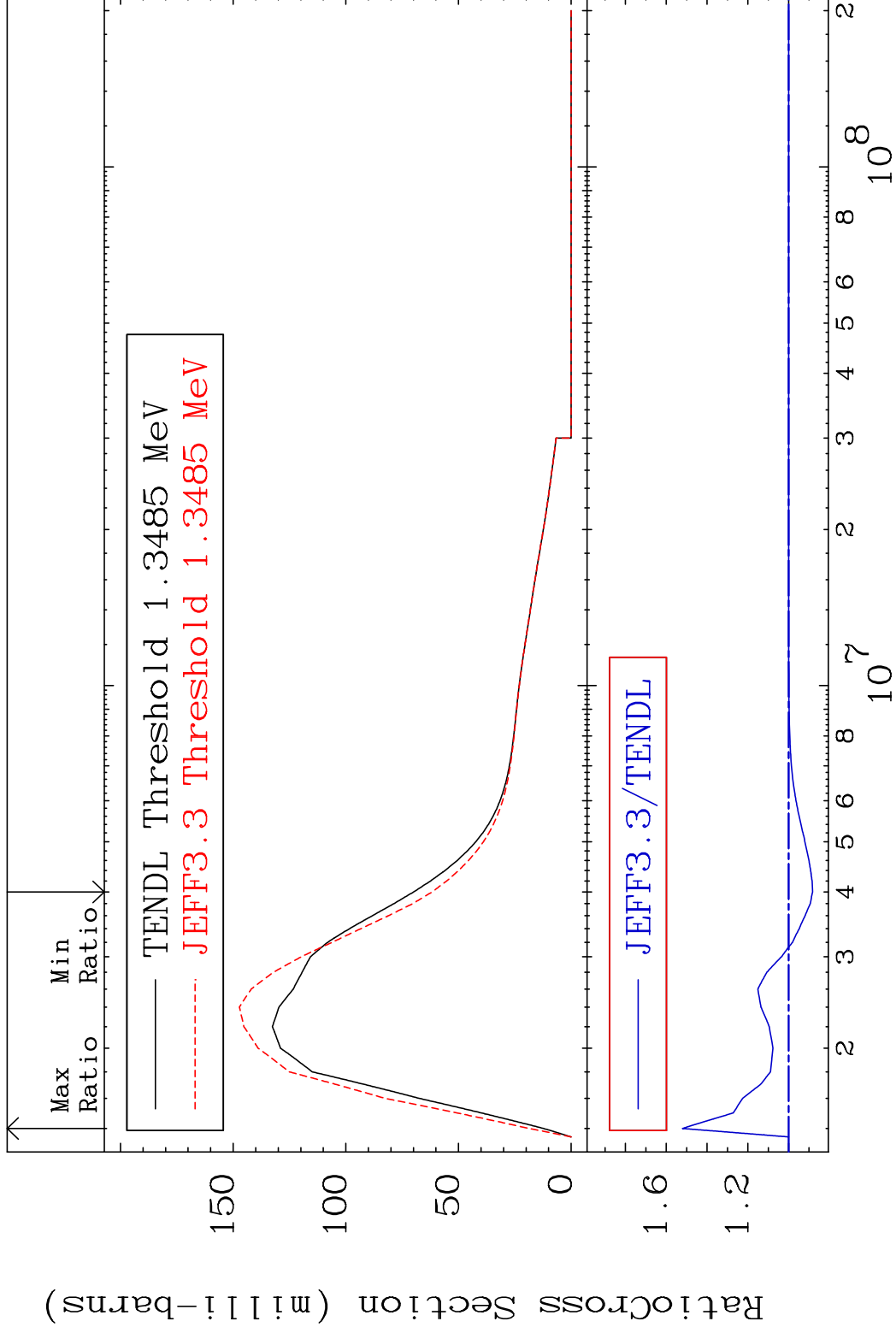


MAT 3431

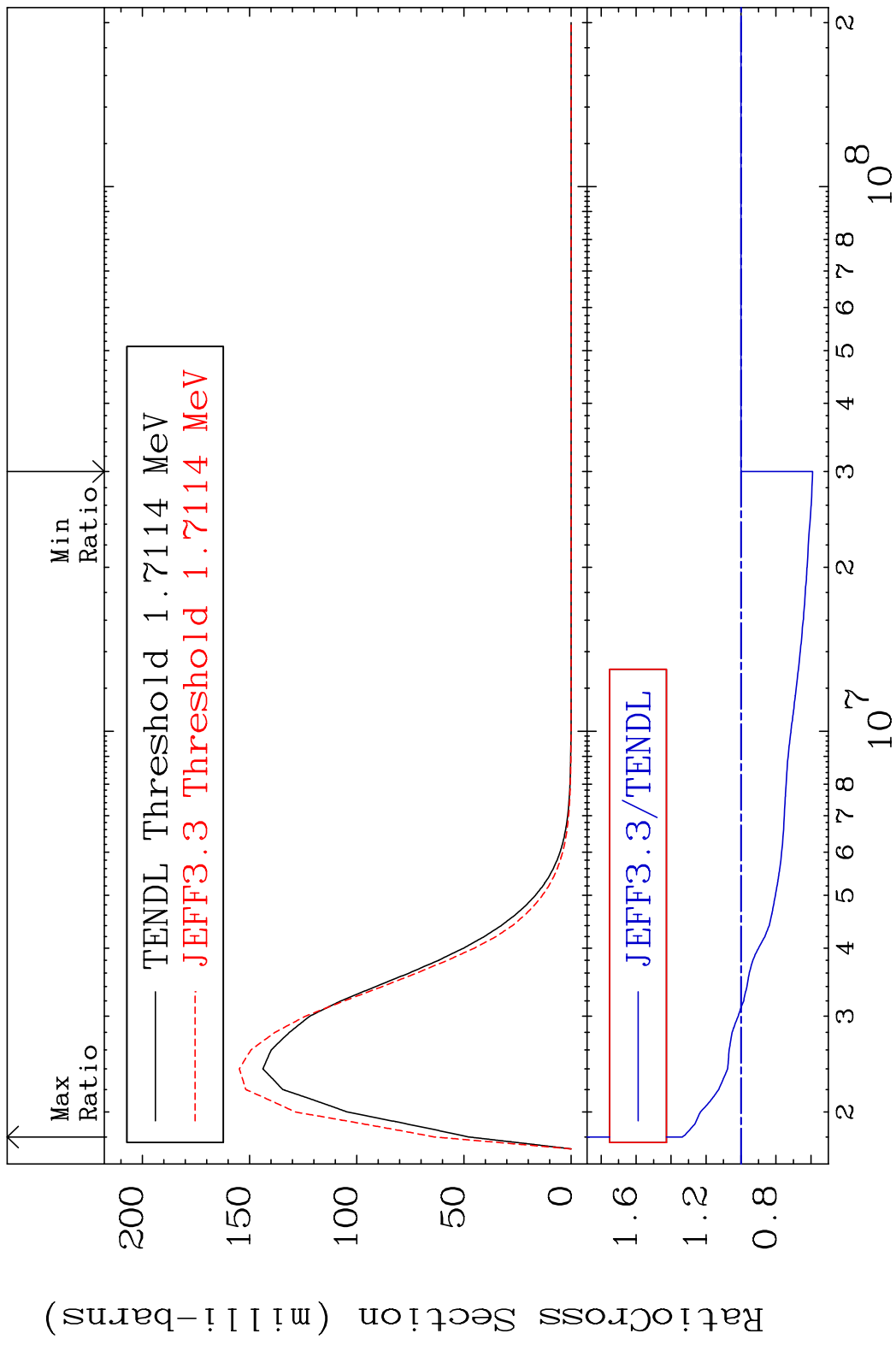
MT= 54 (n,n') Level

34-Se-76

Cross Section -11.72 To 52.11 %

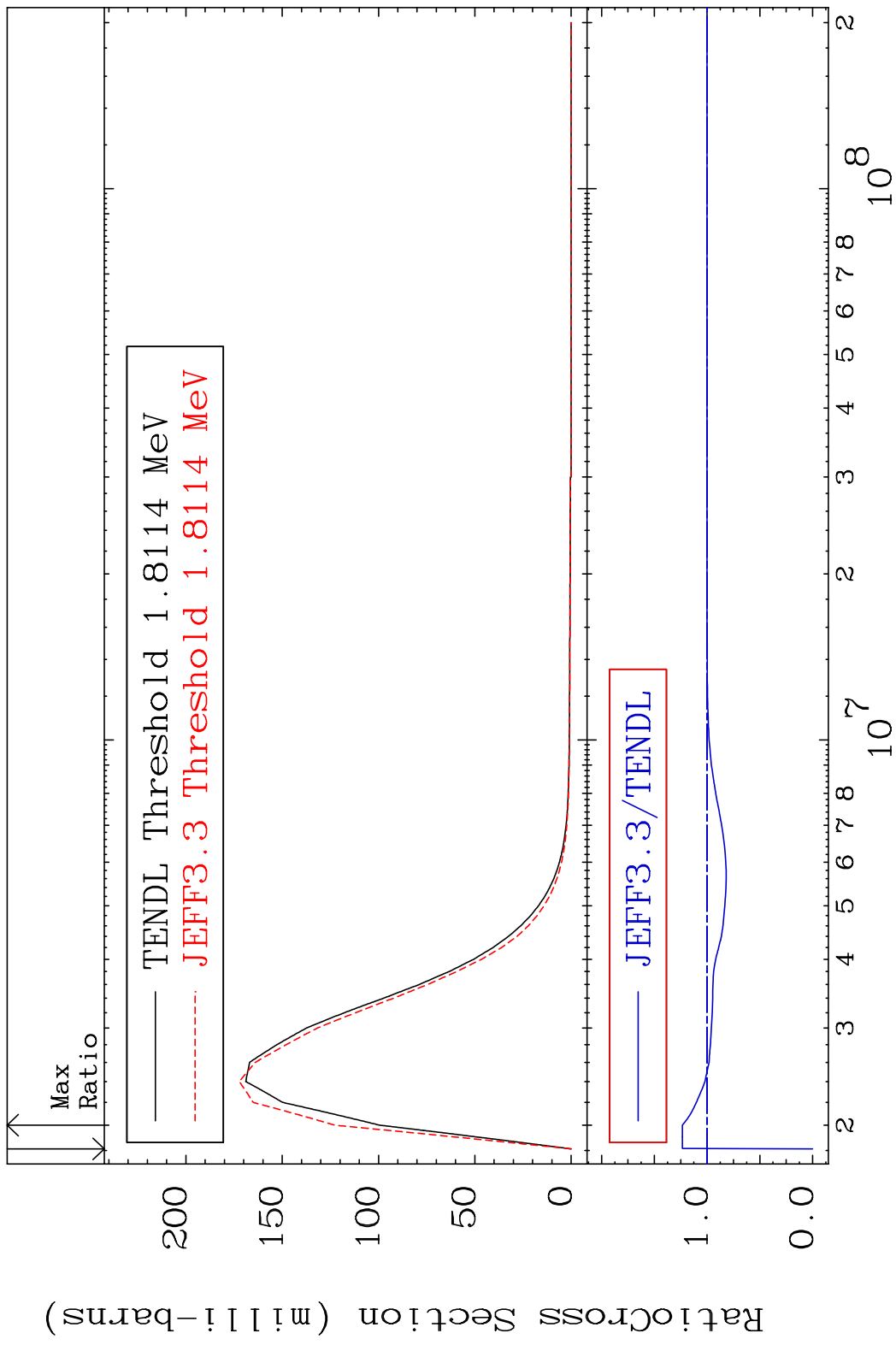


MAT 3431 MT= 55 (n,n') Level 34-Se-76  
 Cross Section -40.91 To 33.55 %

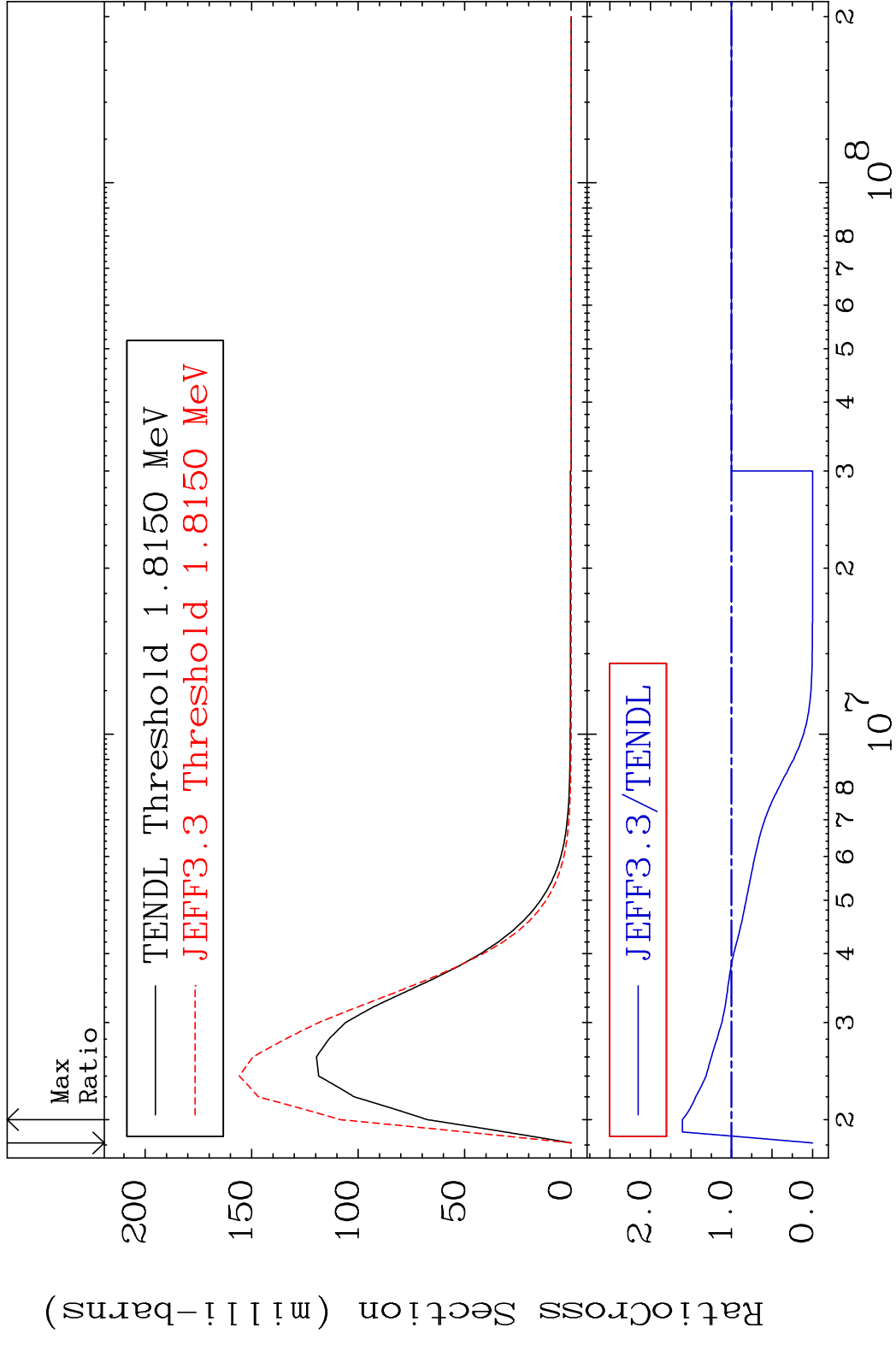




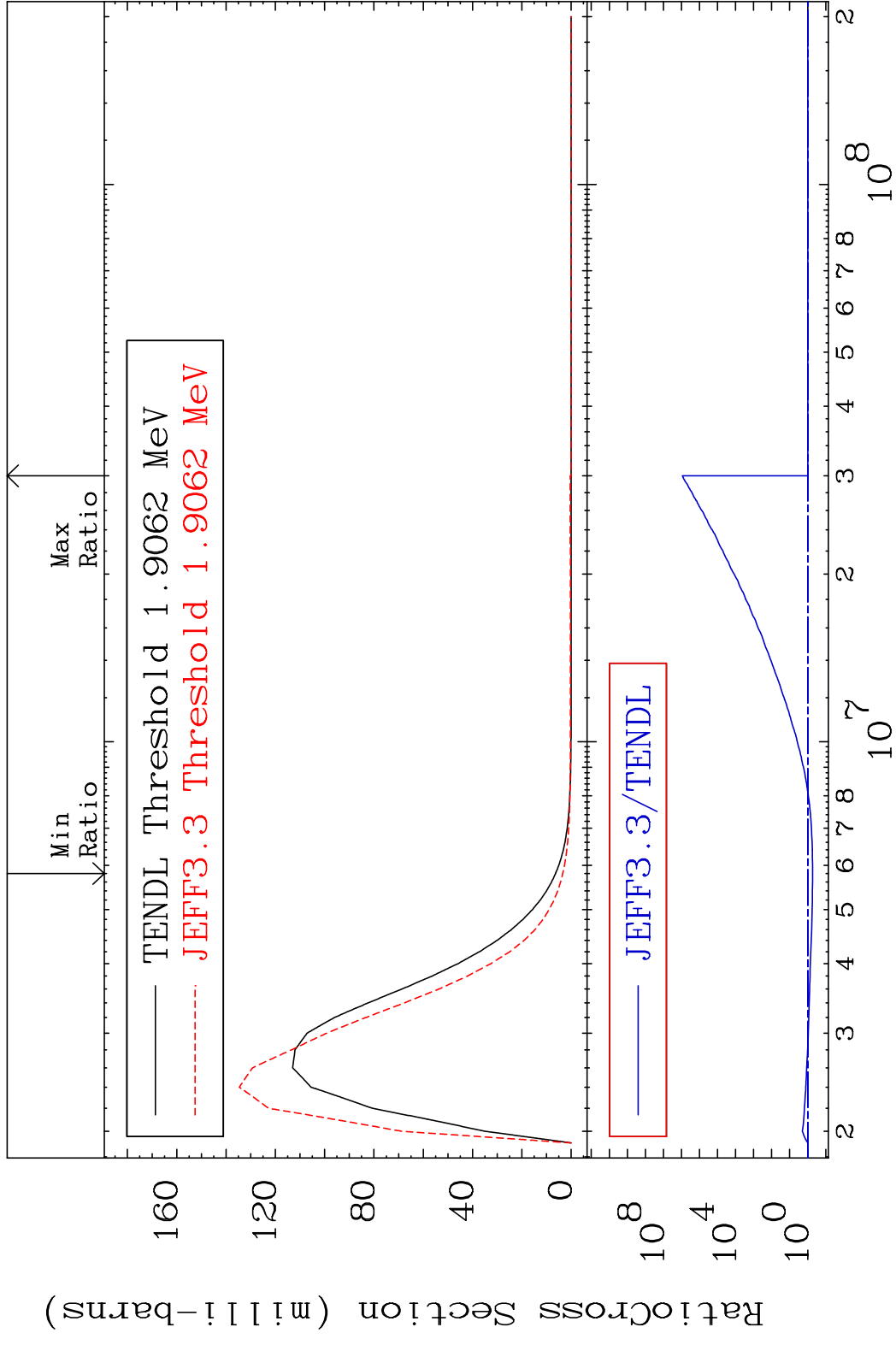
MAT 3431 MT= 56 (n,n') Level 34-Se-76  
 Cross Section -100.0 To 23.45 %



MAT 3431 MT= 57 (n, n') Level 34-Se-76  
 Cross Section -100.0 To 60.67 %



MAT 3431 MT= 58 (n, n') Level 34-Se-76  
 Cross Section -46.07 To 9999. %

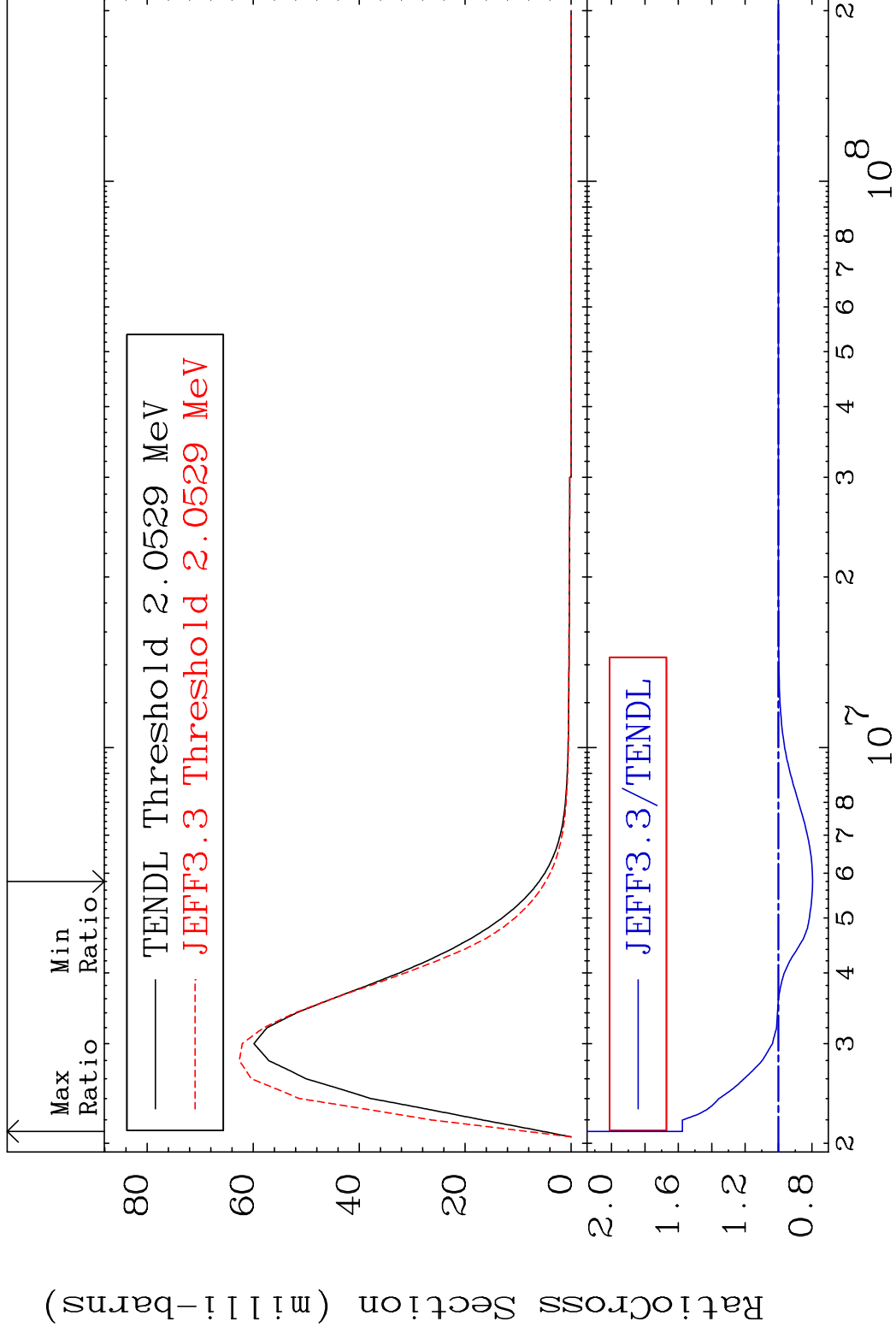


MAT 3431

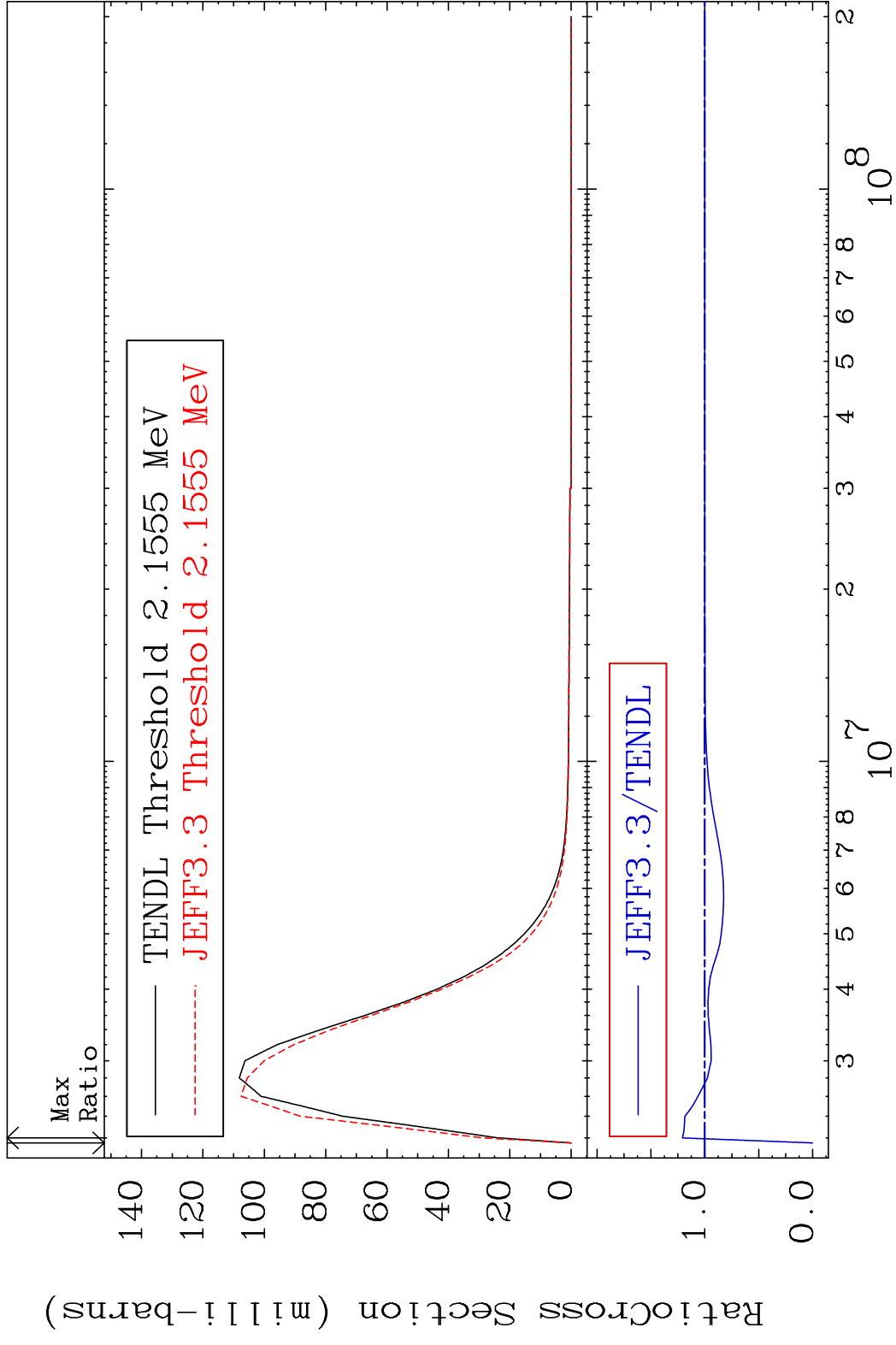
MT= 59 (n,n') Level

34-Se-76

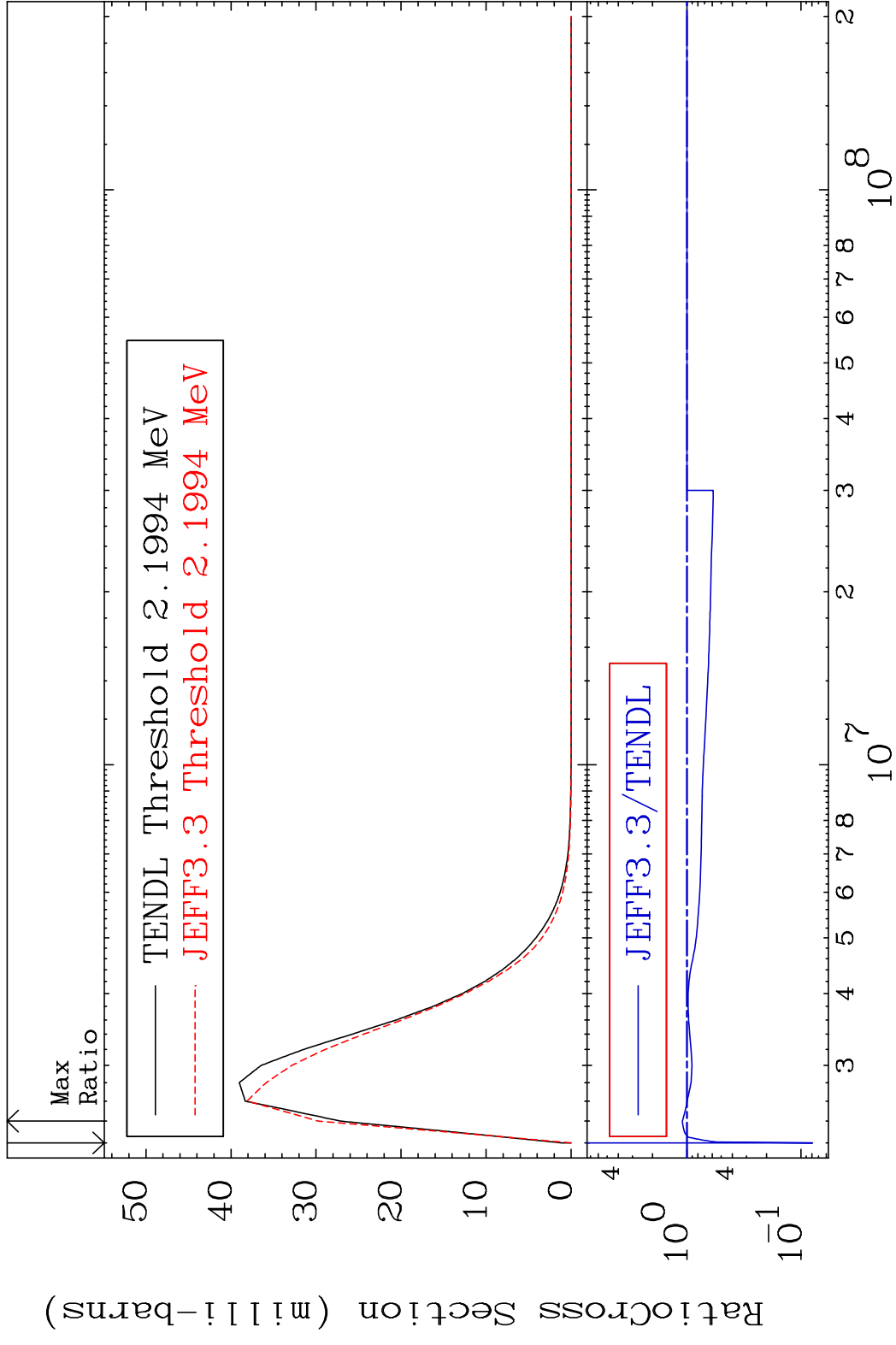
Cross Section -20.41 To 57.59 %



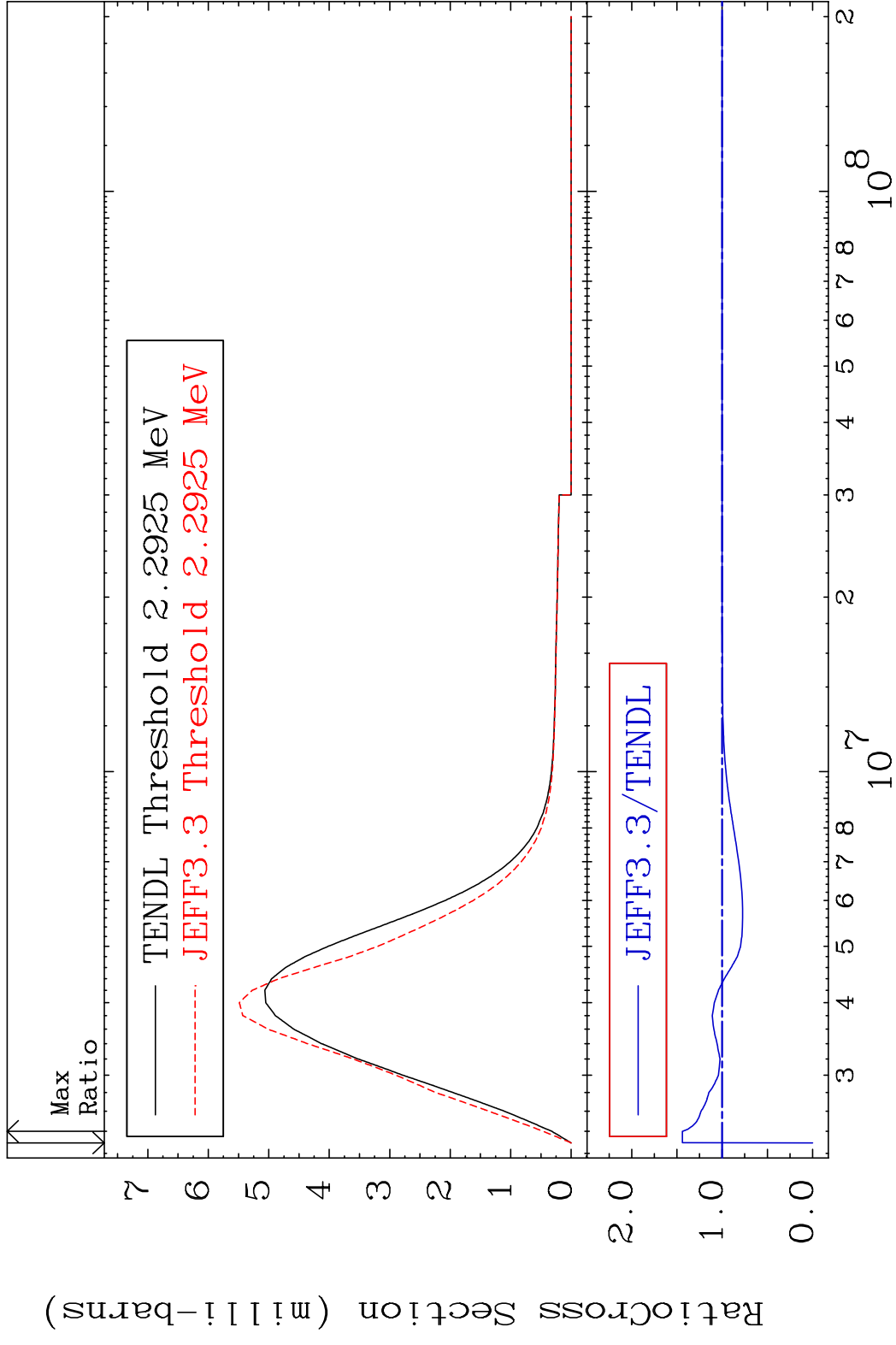
MAT 3431 MT= 60 (n, n') Level 34-Se-76  
 Cross Section -100.0 To 20.88 %



MAT 3431 MT= 61 (n, n') Level 34-Se-76  
 Cross Section -92.09 To 9.620 %

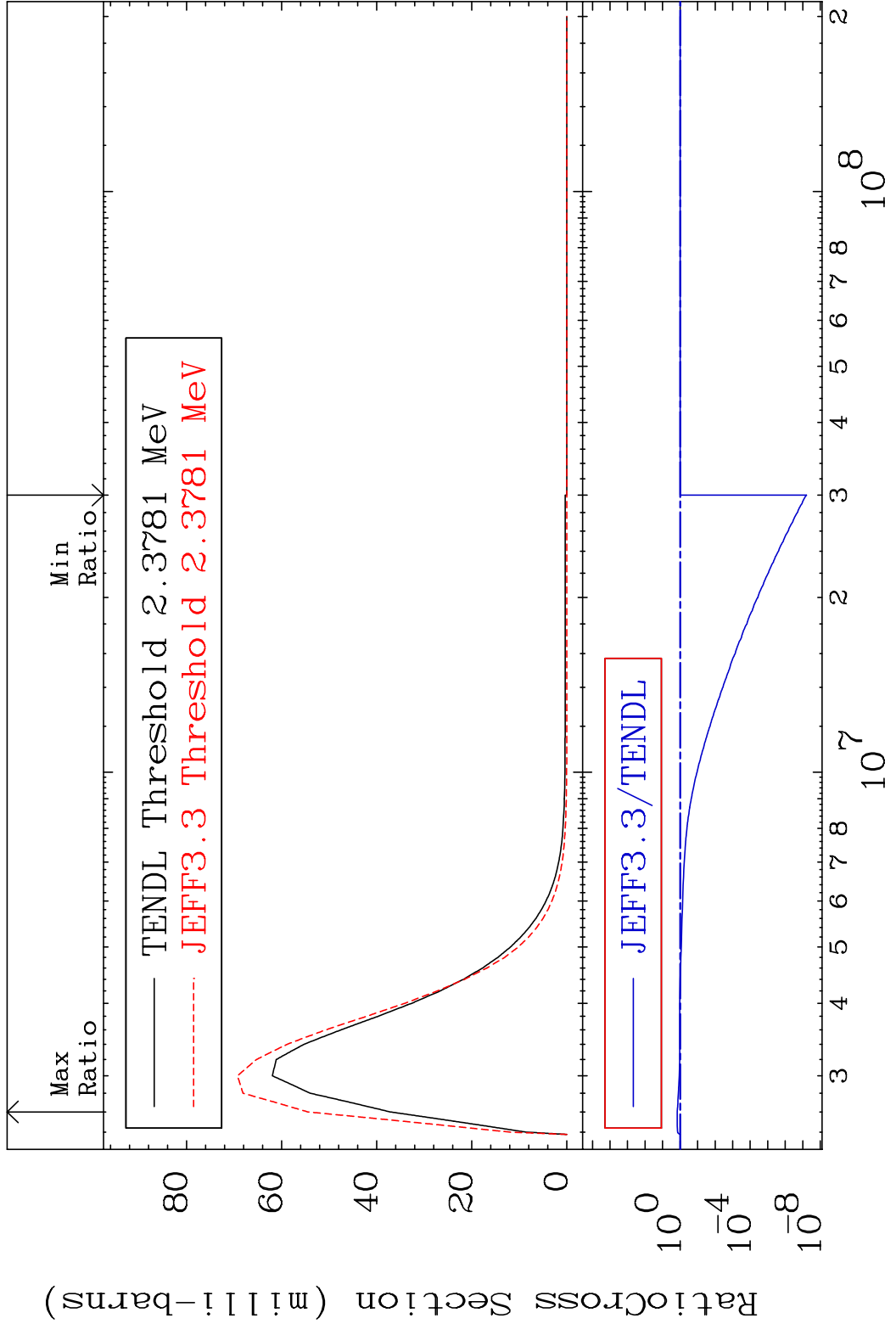


MAT 3431 MT= 62 (n,n') Level 34-Se-76  
 Cross Section -100.0 To 44.03 %



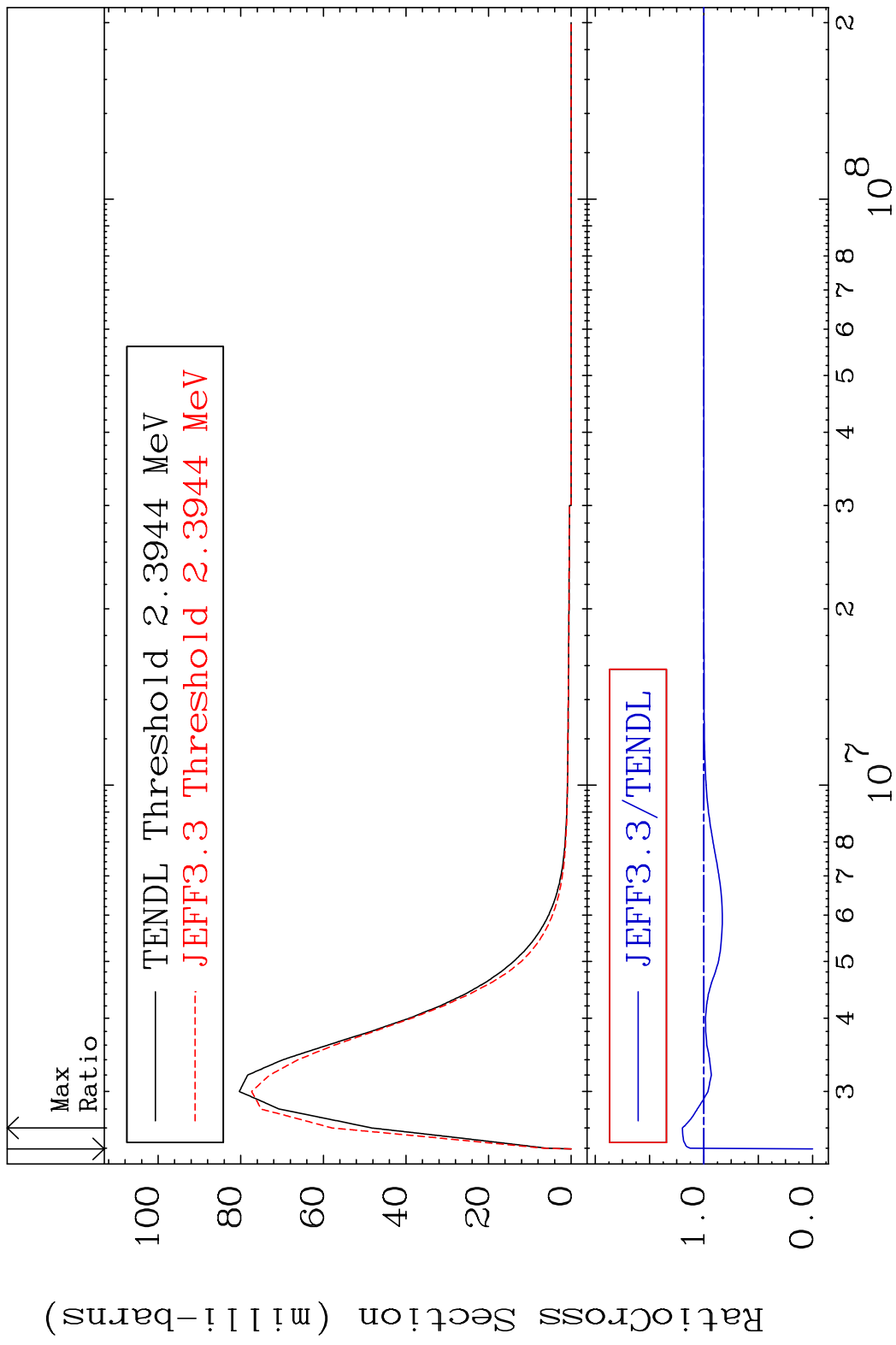
30 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 63 (n, n') Level 34-Se-76  
 Cross Section -100.0 To 46.69 %

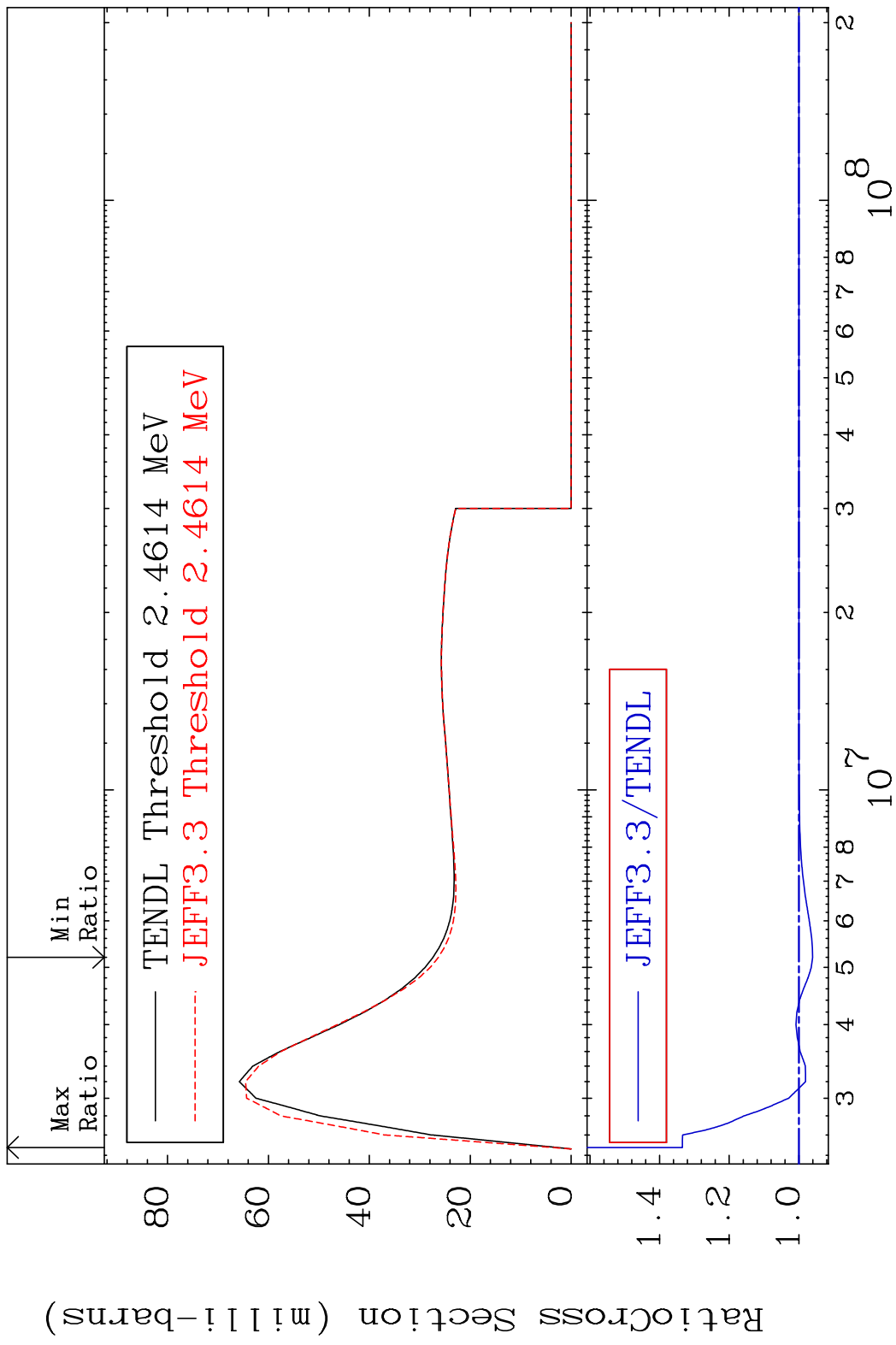




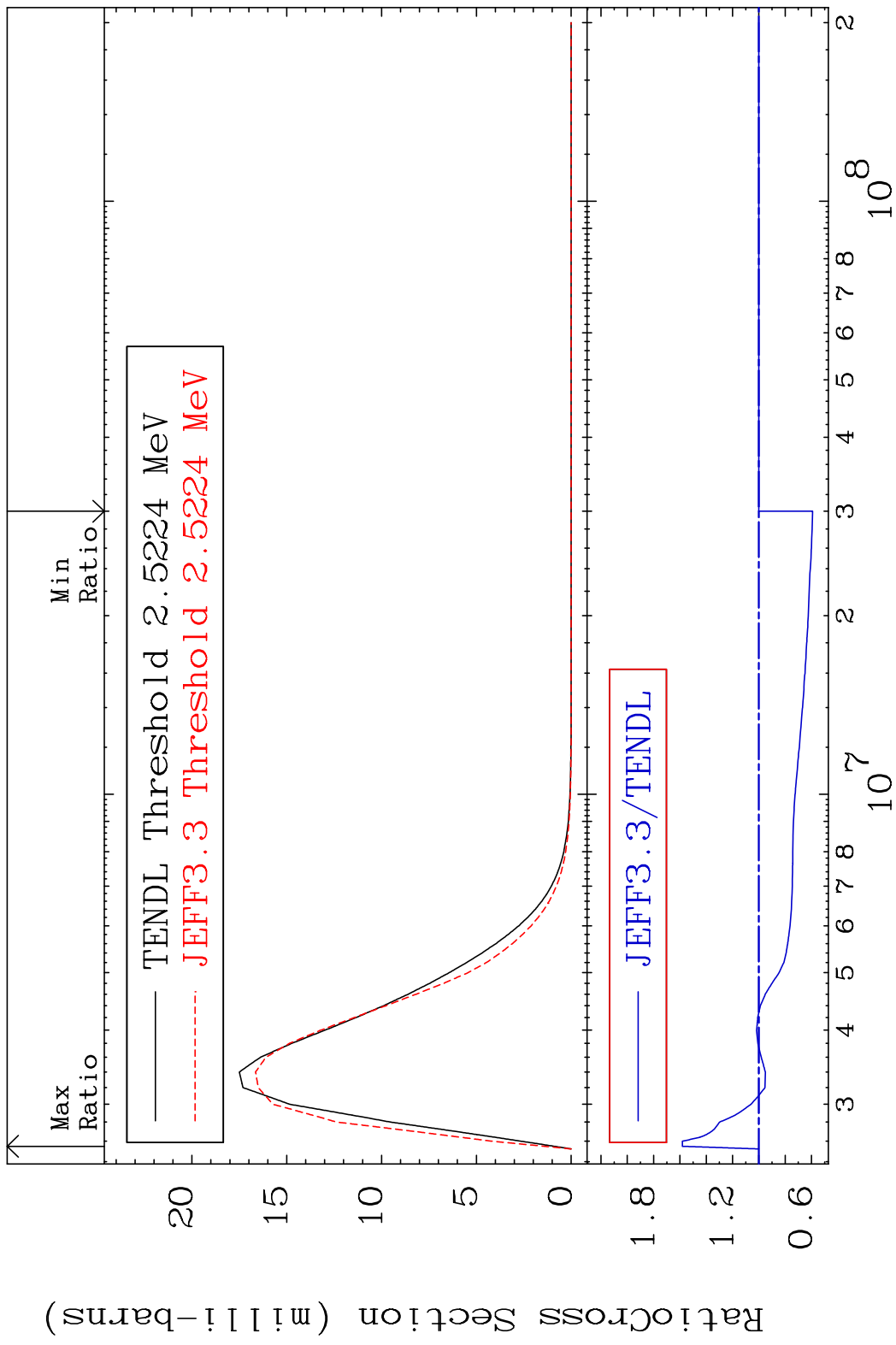
MAT 3431 MT= 64 (n,n') Level 34-Se-76  
 Cross Section -100.0 To 19.86 %



MAT 3431 MT= 65 (n,n') Level 34-Se-76  
 Cross Section -3.924 To 33.46 %



MAT 3431 MT= 66 (n, n') Level 34-Se-76  
 Cross Section -40.80 To 58.15 %



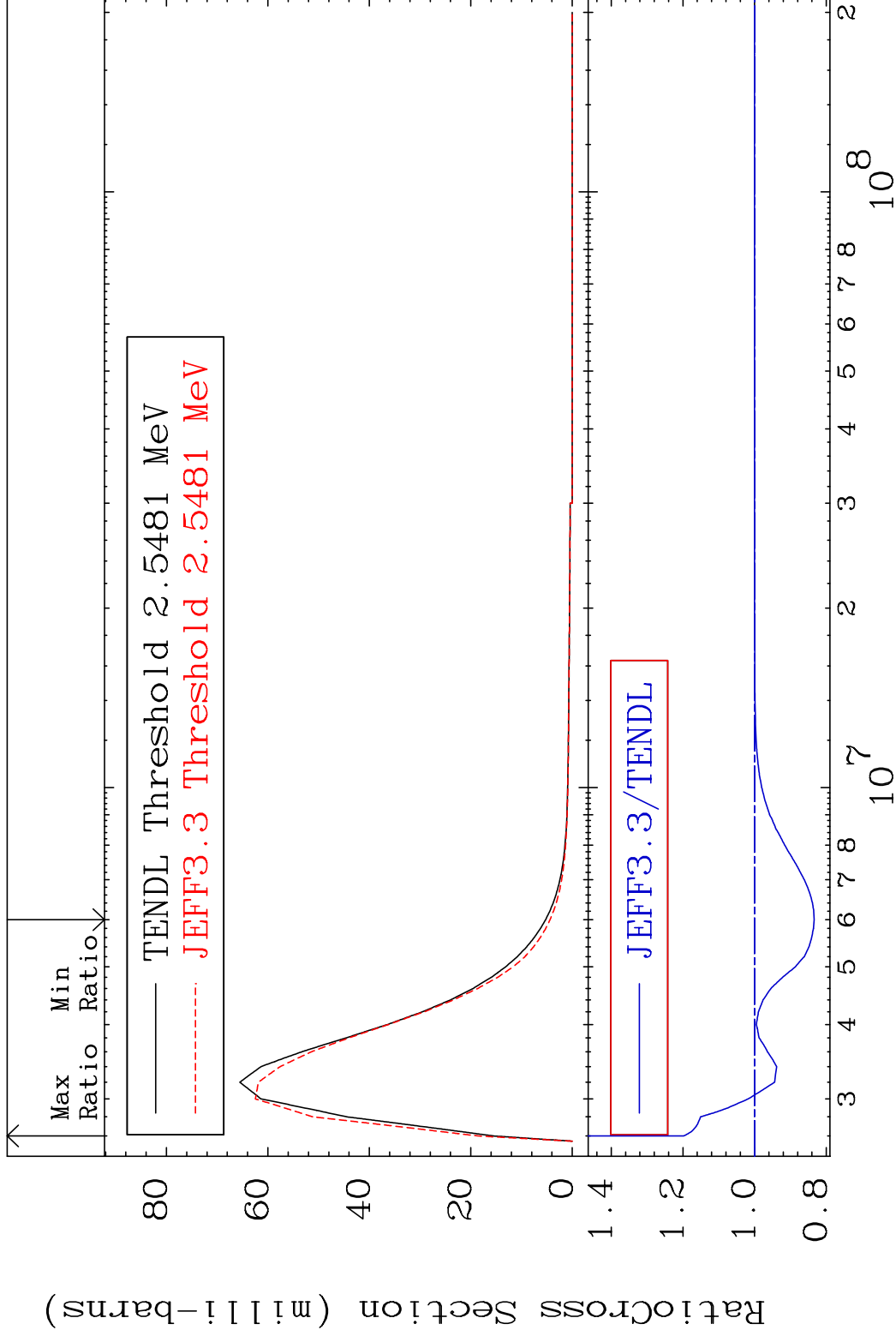
34 34-Se-76

MAT 3431

MT= 67 (n, n') Level

34-Se-76

Cross Section -16.60 To 19.79 %

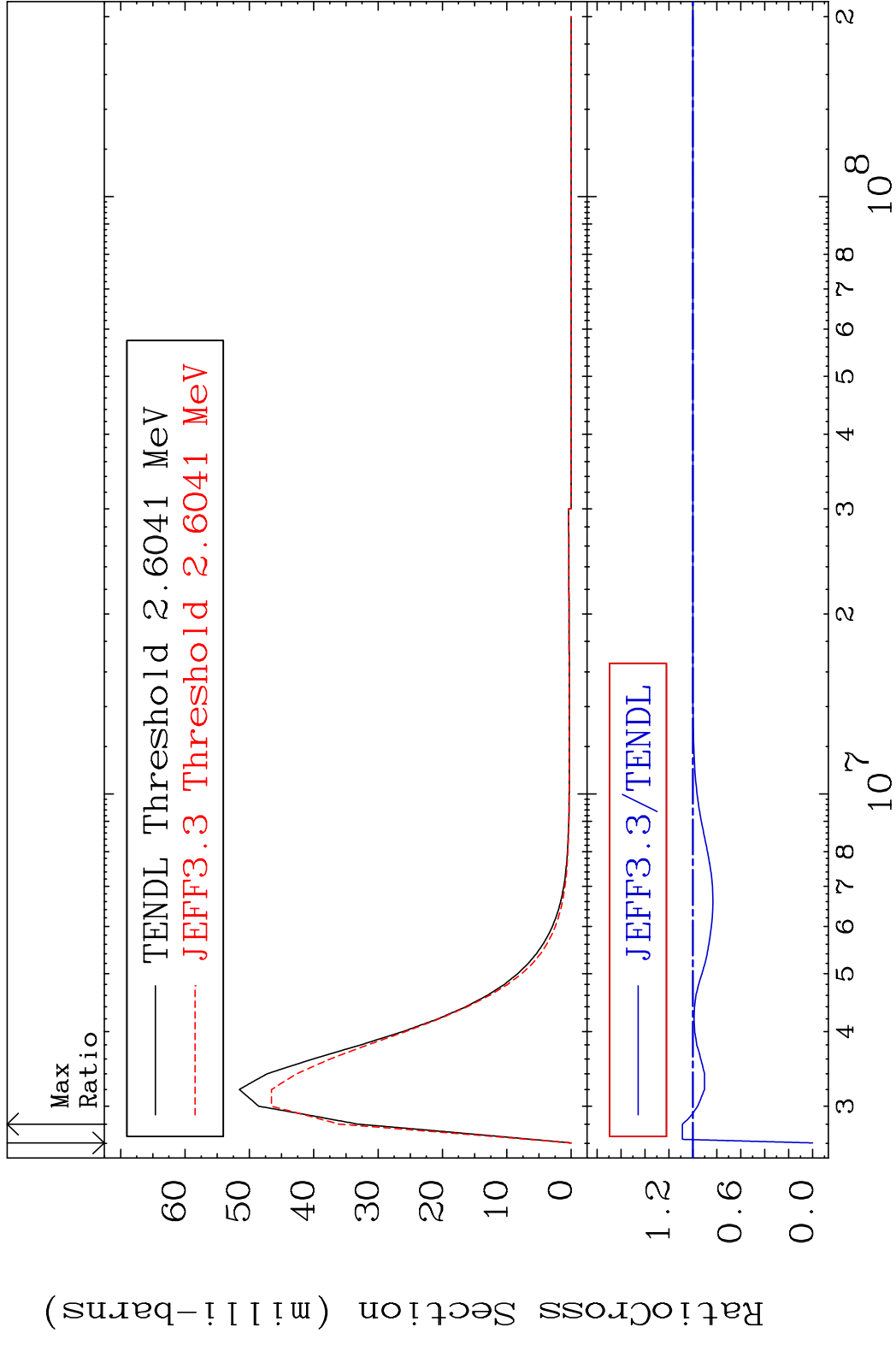


35

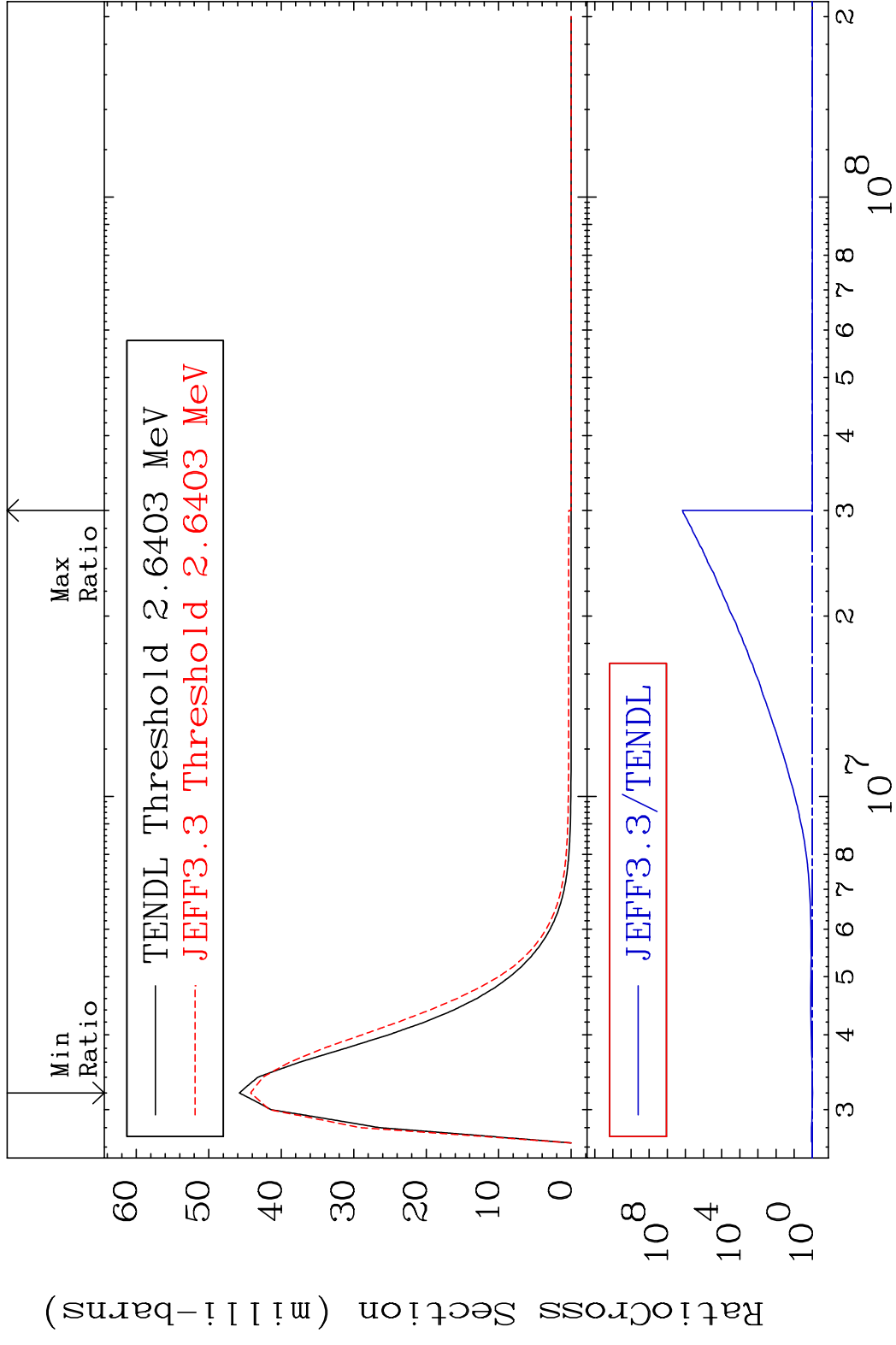
Incident Energy (eV)

34-Se-76

MAT 3431 MT= 68 (n, n') Level 34-Se-76  
 Cross Section -100.0 To 8.728 %



MAT 3431 MT= 69 (n, n') Level 34-Se-76  
 Cross Section -3.421 To 9999. %

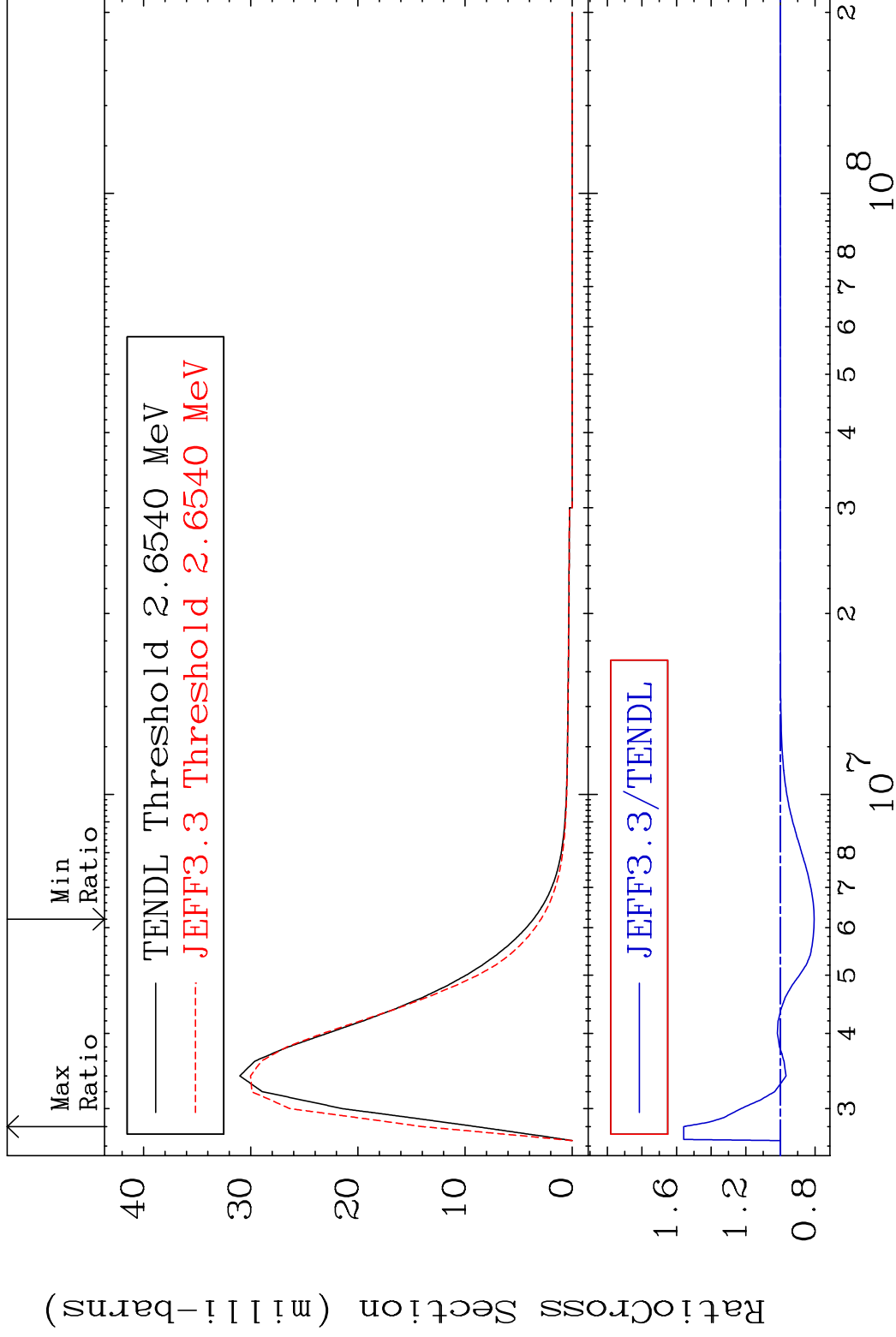


MAT 3431

MT= 70 (n,n') Level

34-Se-76

Cross Section -19.47 To 55.92 %

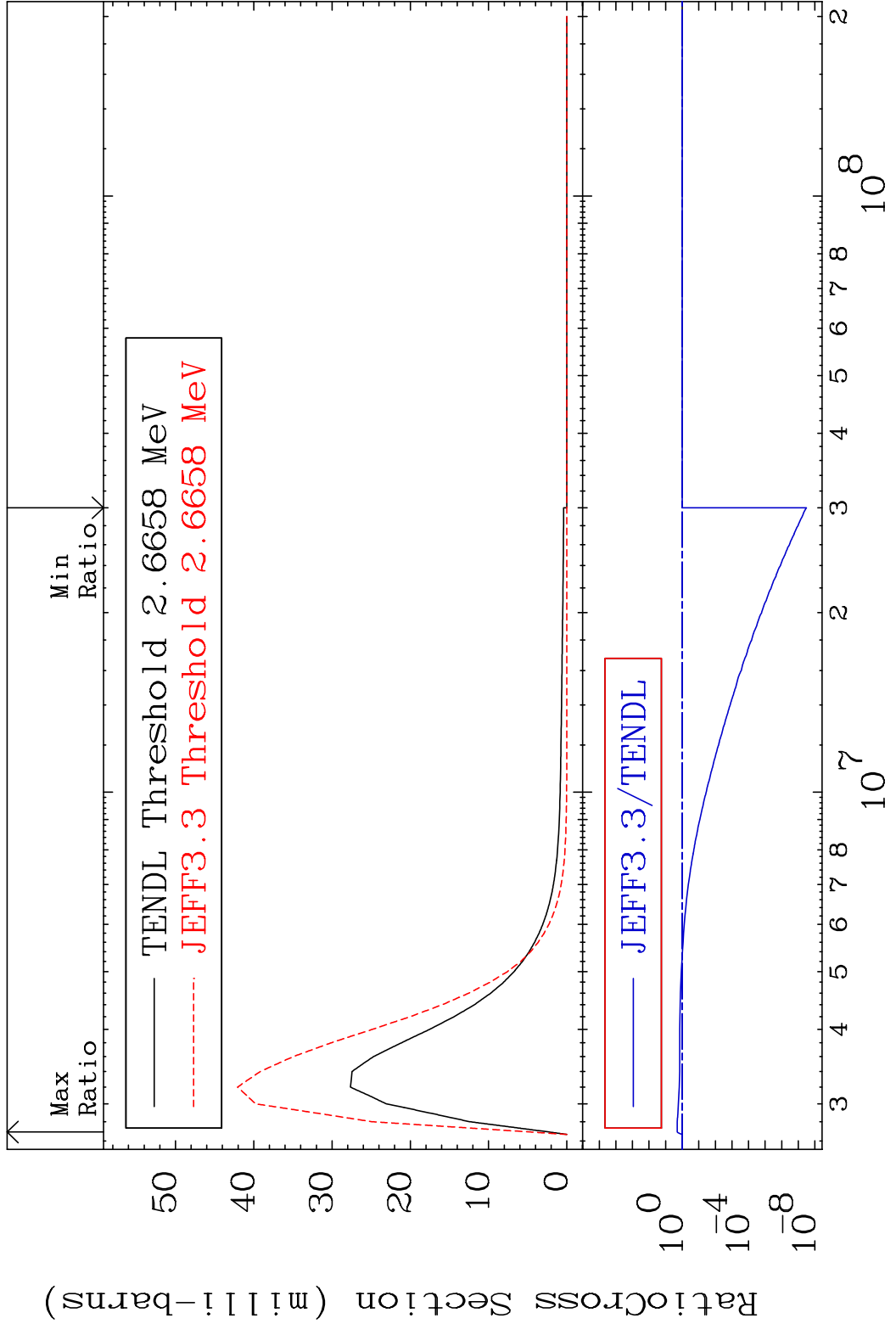


38

Incident Energy (eV)

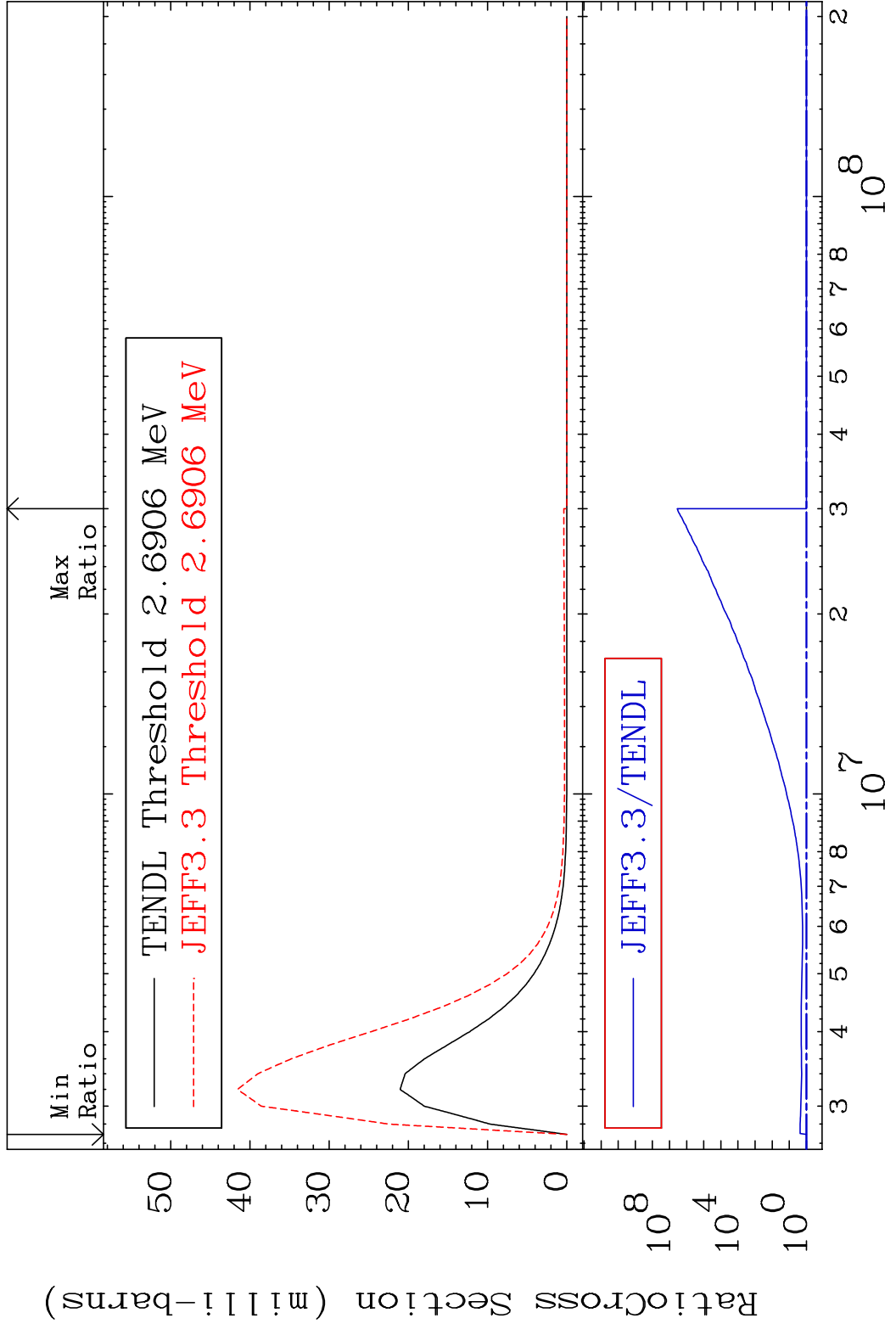
34-Se-76

MAT 3431 MT= 71 (n, n') Level 34-Se-76  
 Cross Section -100.0 To 100.9 %



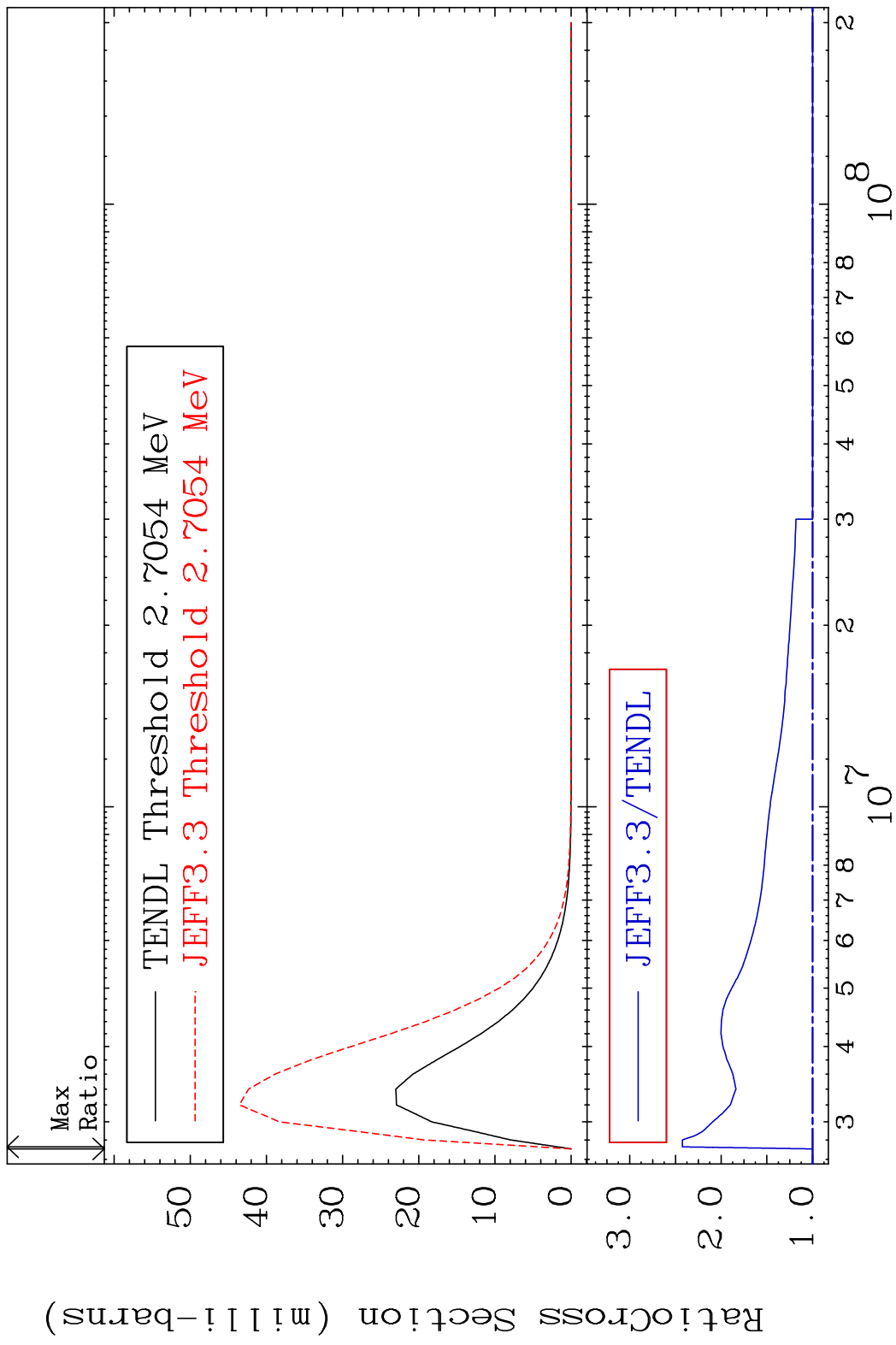


MAT 3431 MT= 72 (n, n') Level 34-Se-76  
 Cross Section 0.000 To 9999. %

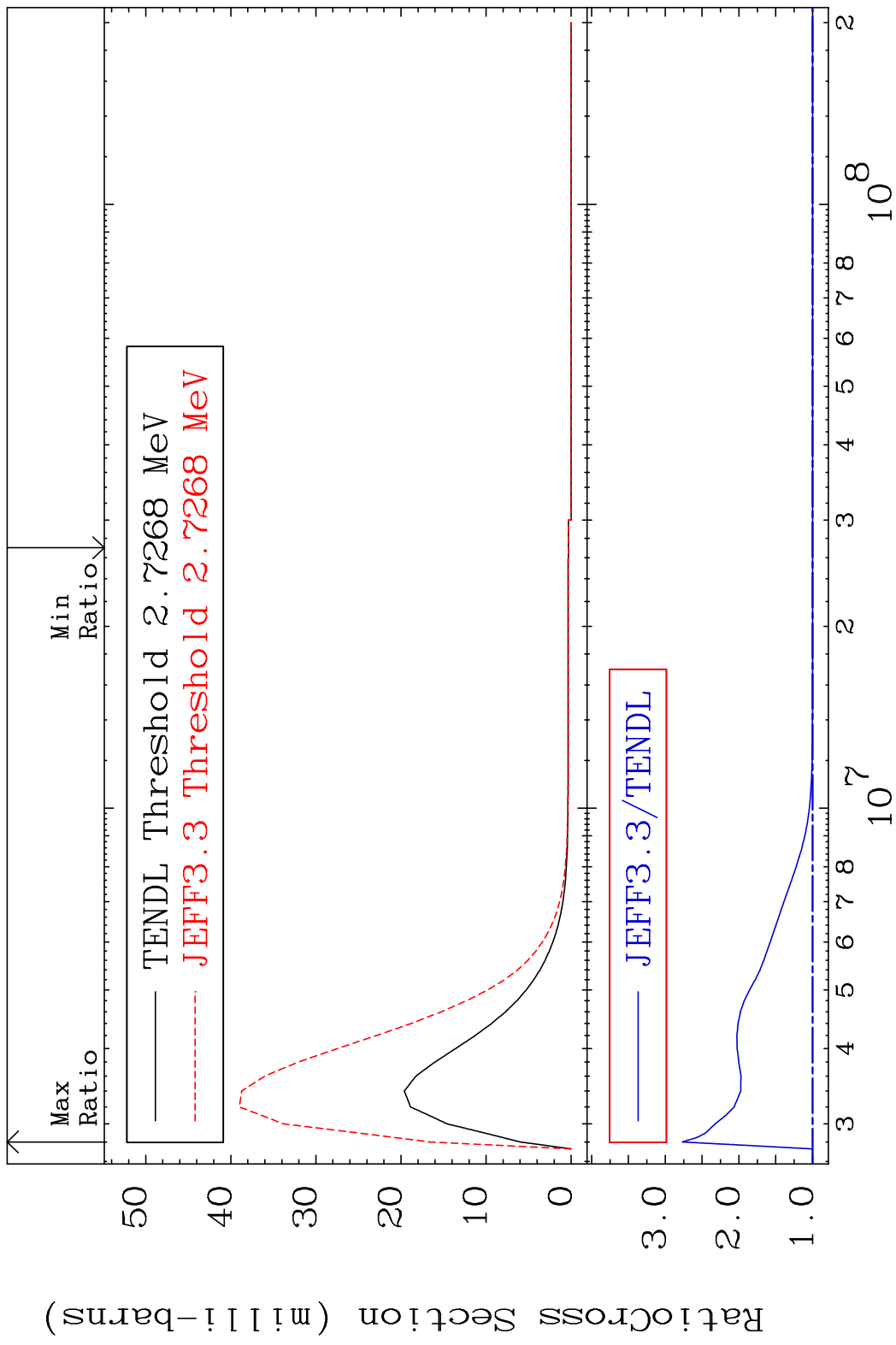


40

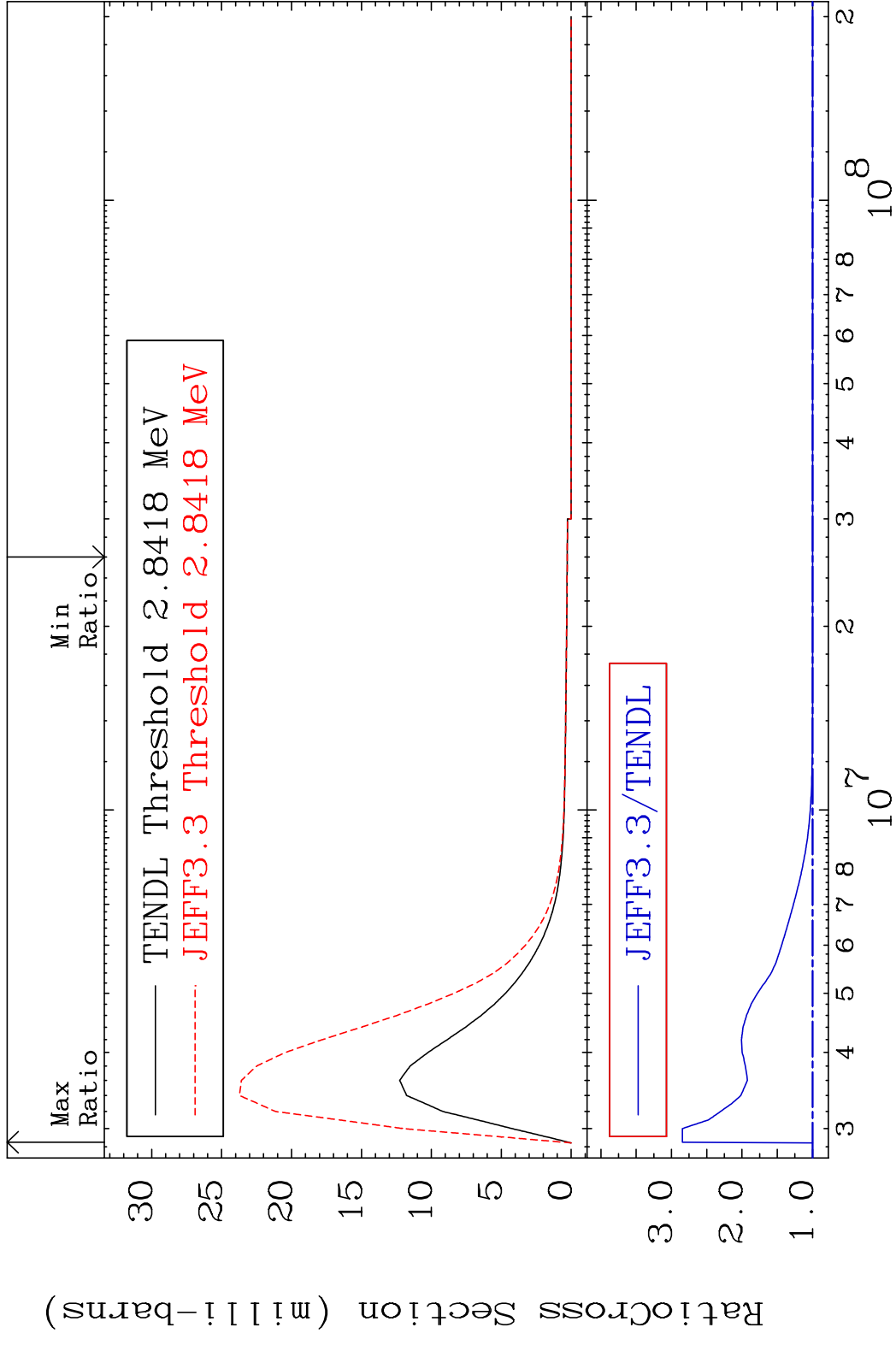
MAT 3431      MT= 73 (n,n') Level      34-Se-76  
 Cross Section    0.000    To 142.5 %



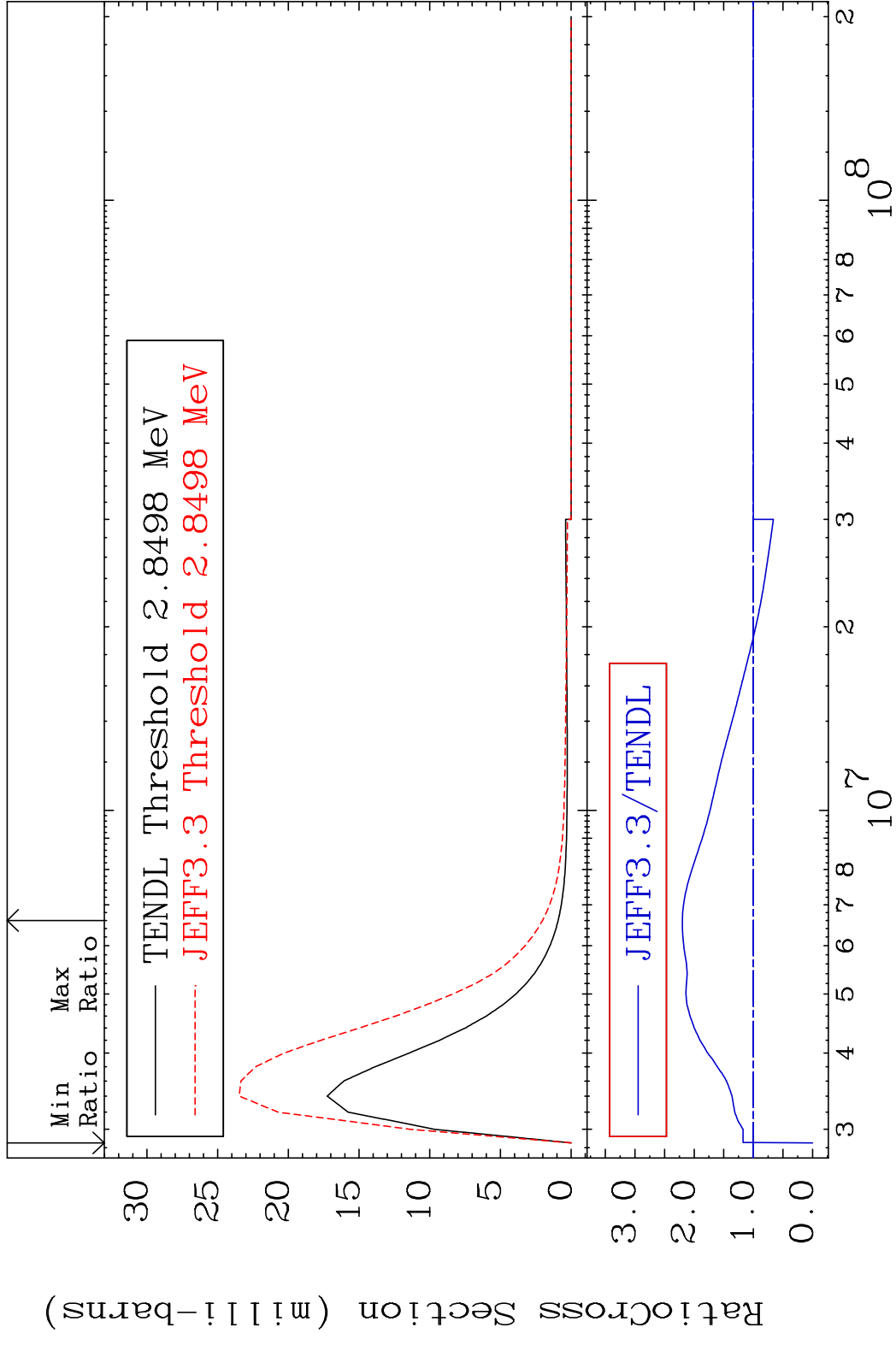
MAT 3431 MT= 74 (n,n') Level 34-Se-76  
 Cross Section 0.000 To 176.8 %



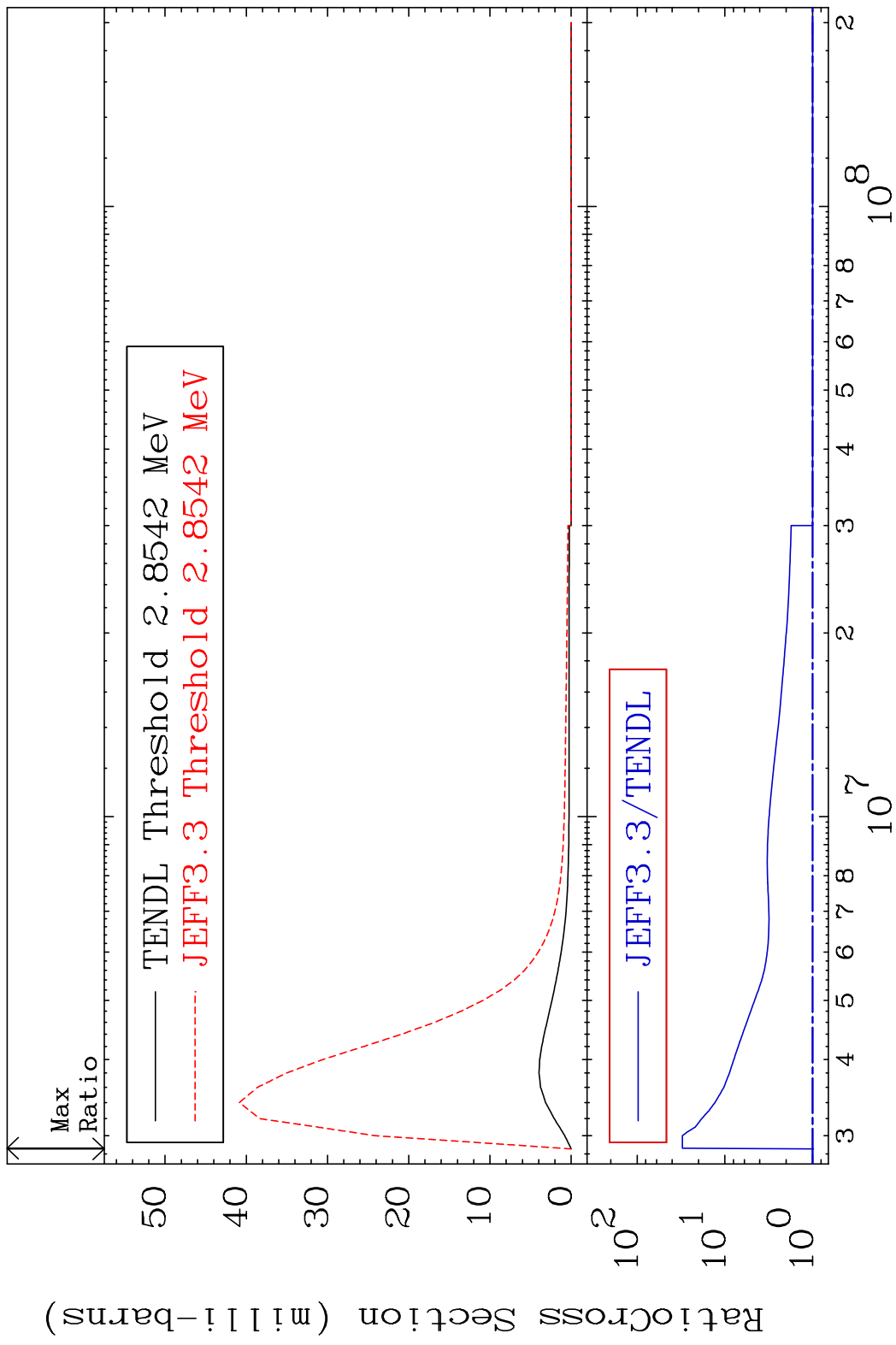
MAT 3431 MT= 75 (n,n') Level 34-Se-76  
 Cross Section 0.000 To 184.5 %



MAT 3431 MT= 76 (n, n') Level 34-Se-76  
 Cross Section -100.0 To 119.9 %

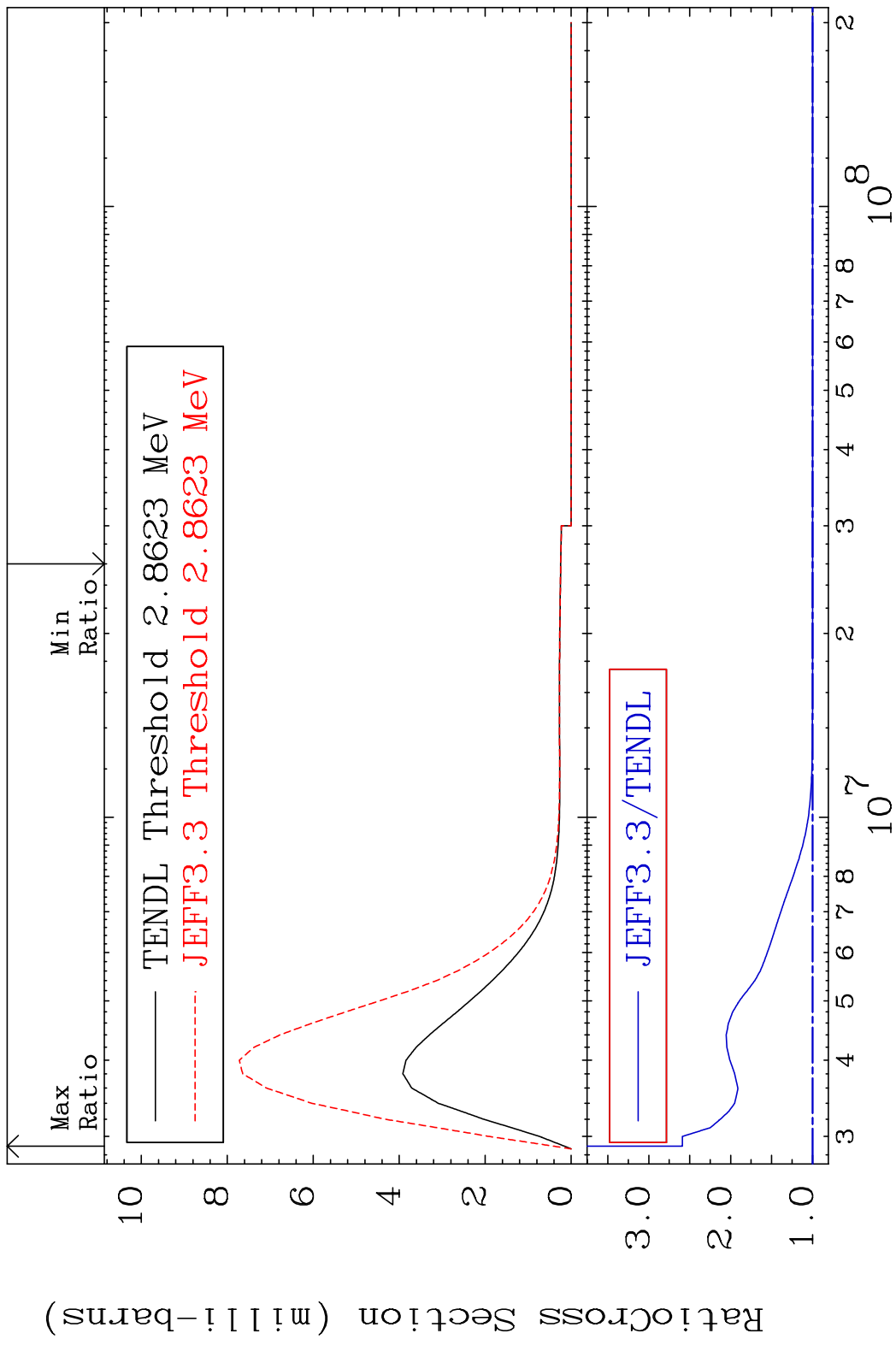


MAT 3431 MT= 77 (n,n') Level 34-Se-76  
 Cross Section 0.000 To 2954. %

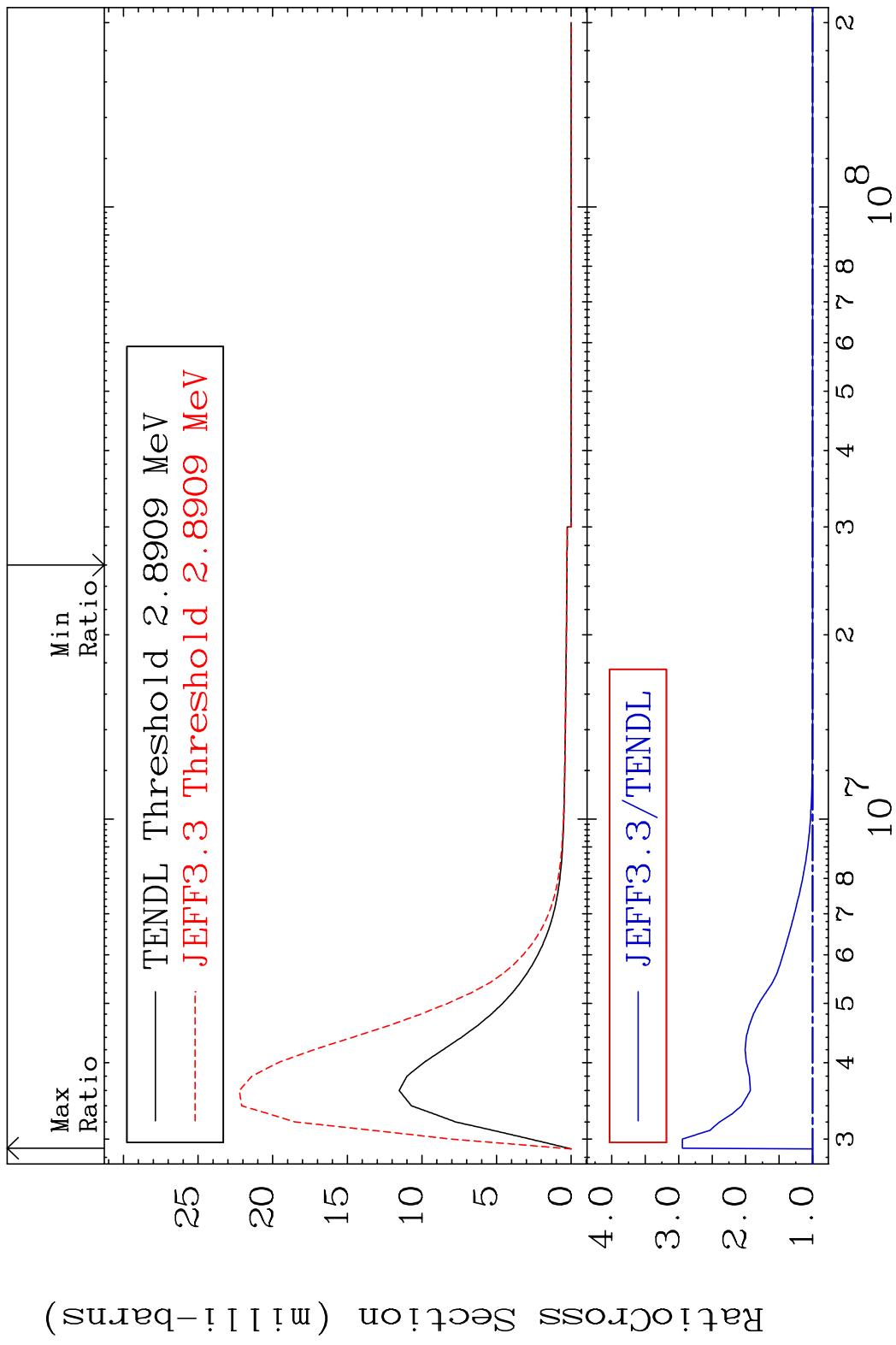


45 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 78 (n,n') Level 34-Se-76  
 Cross Section 0.000 To 159.0 %



MAT 3431 MT= 79 (n,n') Level 34-Se-76  
 Cross Section 0.000 To 194.5 %



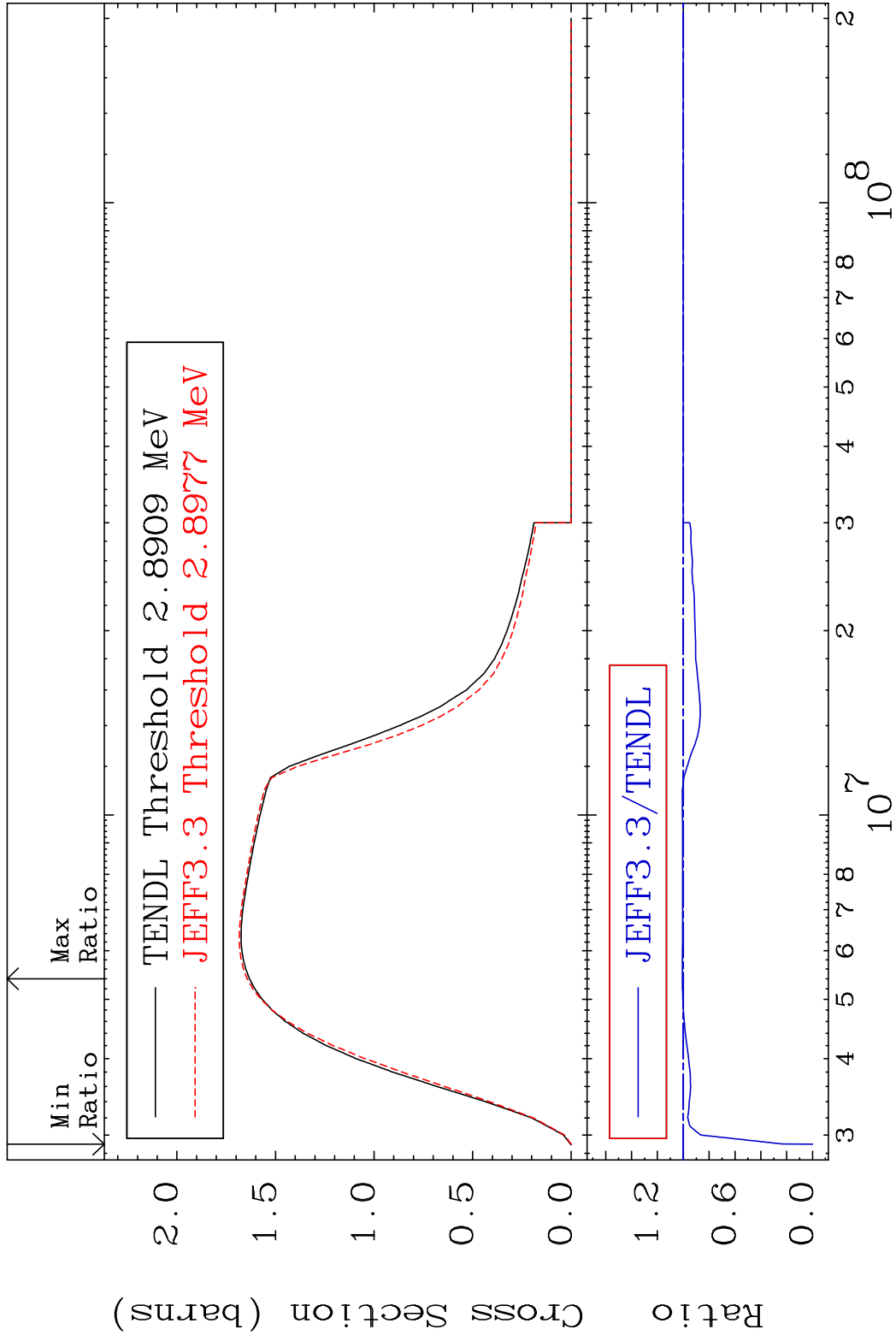


MAT 3431

(n,n') Continuum

<sup>34</sup>Se-76

Cross Section -100.0 To 0.708 %



48

Incident Energy (eV)

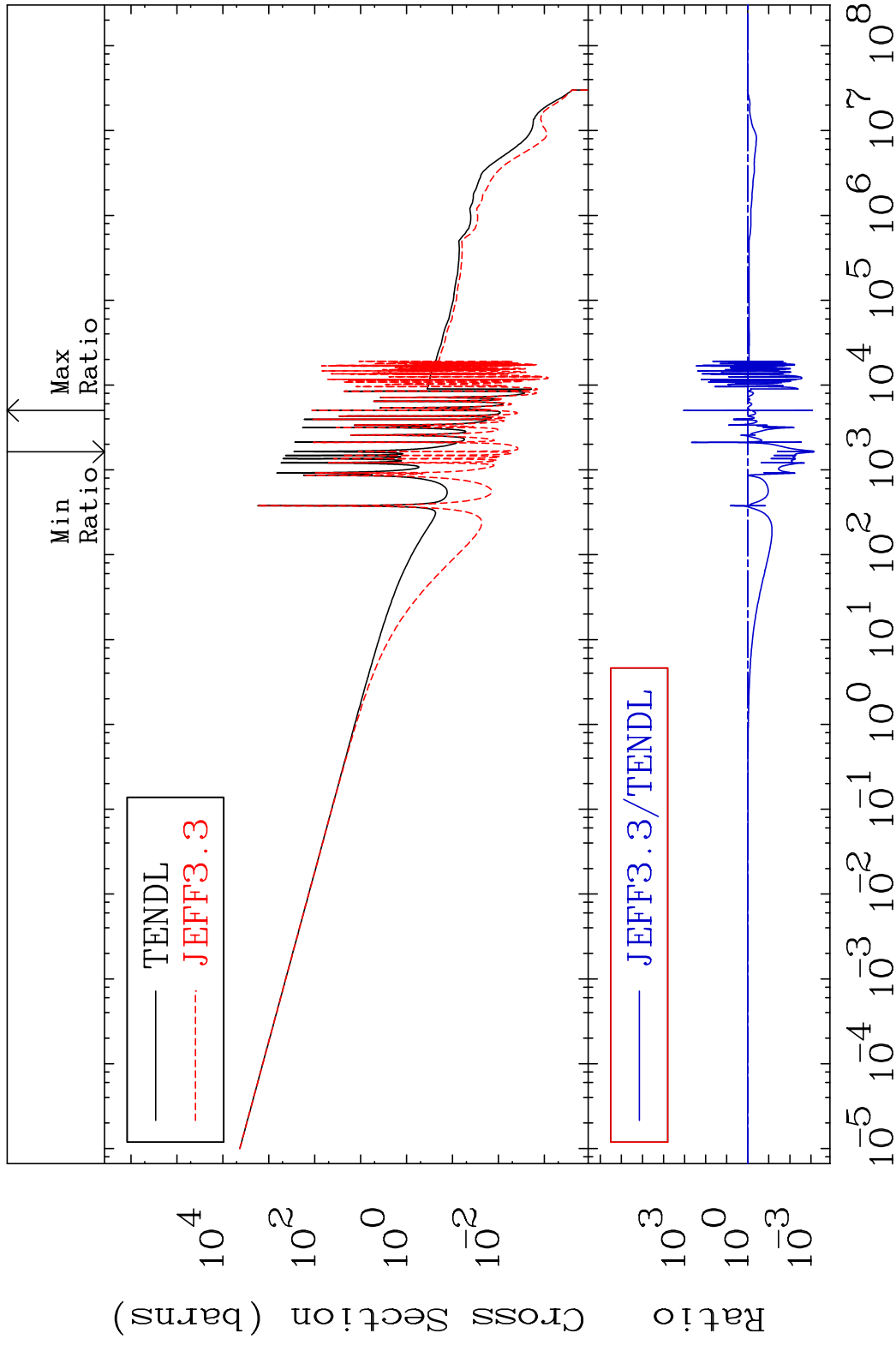
<sup>34</sup>Se-76

MAT 3431

(n,  $\gamma$ )

34-Se-76

Cross Section -99.93 To 9999. %



49

Incident Energy (eV)

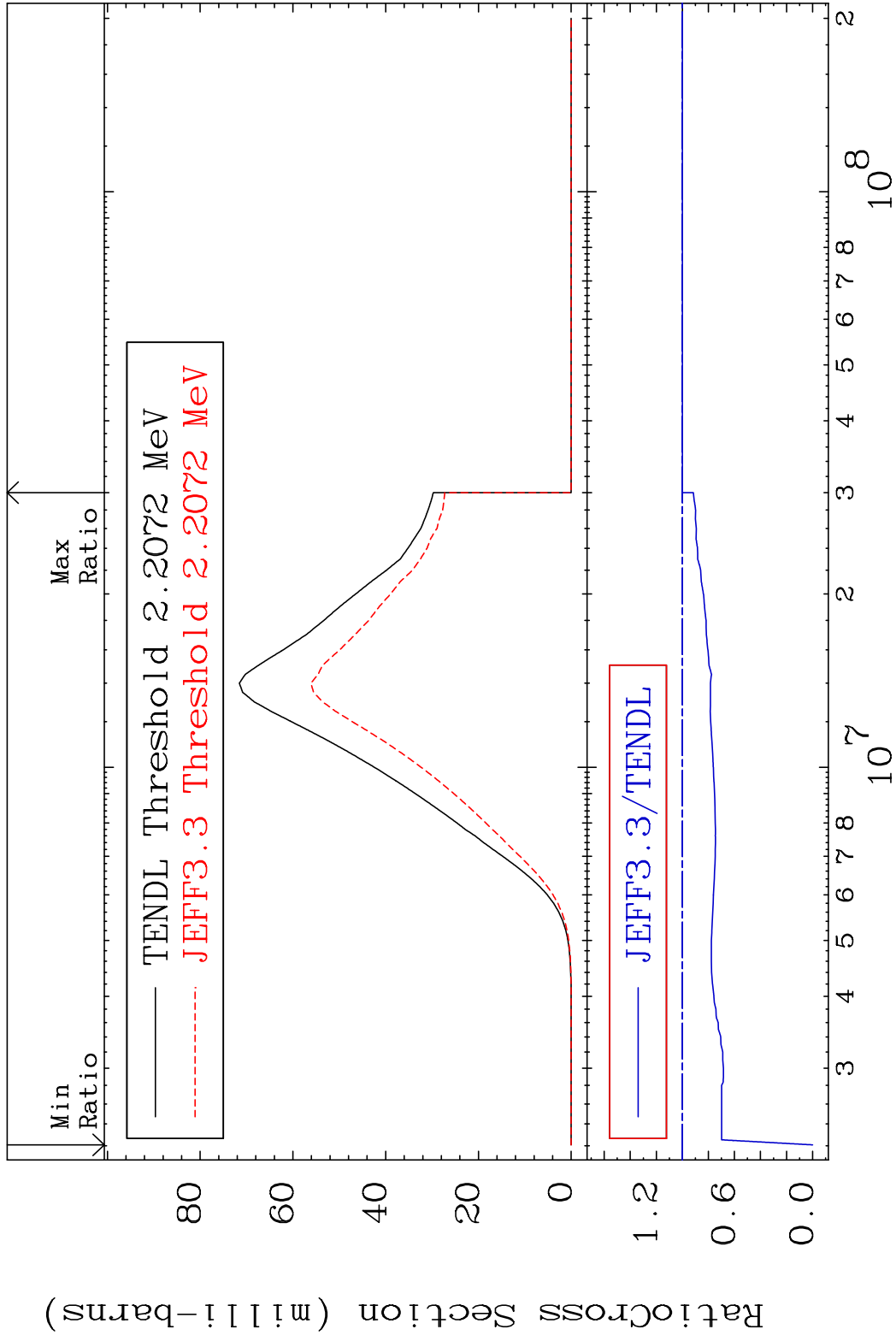
34-Se-76

MAT 3431

(n, p)

<sup>34</sup>Se-76

Cross Section -100.0 To 0.000 %



50

Incident Energy (eV)

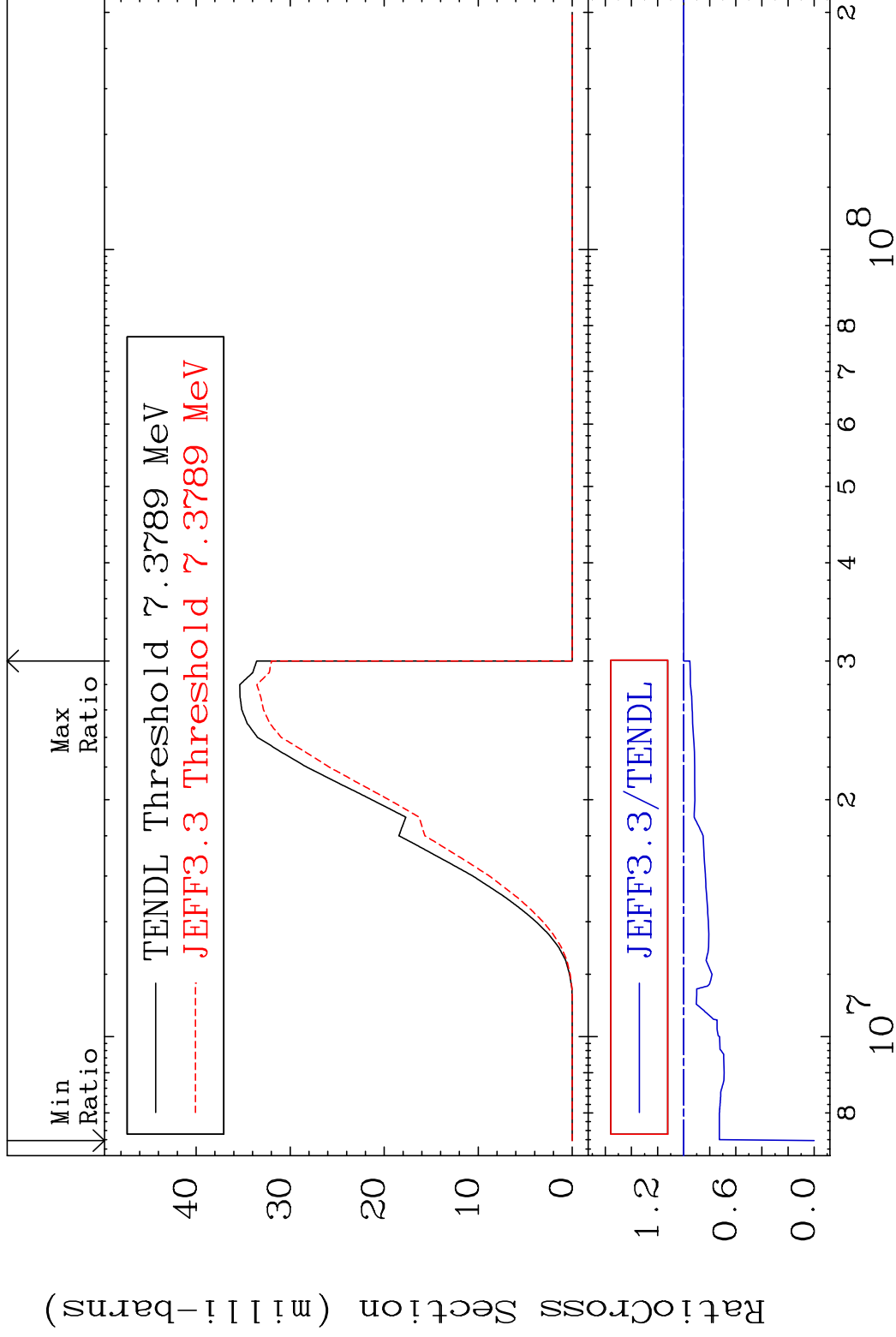
<sup>34</sup>Se-76

MAT 3431

(n,d)

<sup>34</sup>Se-76

Cross Section -100.0 To 0.000 %



51

Incident Energy (eV)

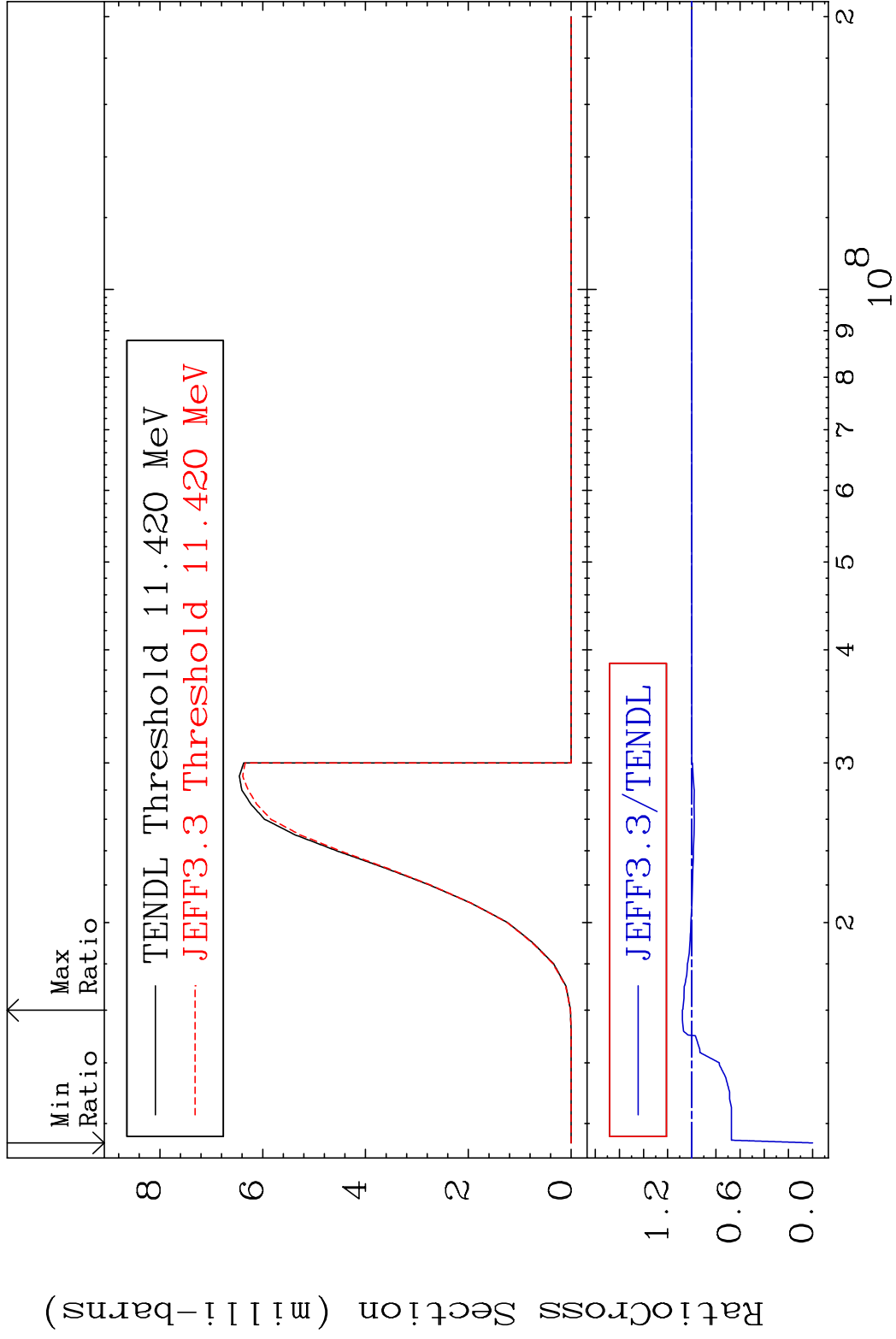
<sup>34</sup>Se-76

MAT 3431

(n, t)

34-Se-76

Cross Section -100.0 To 7.842 %

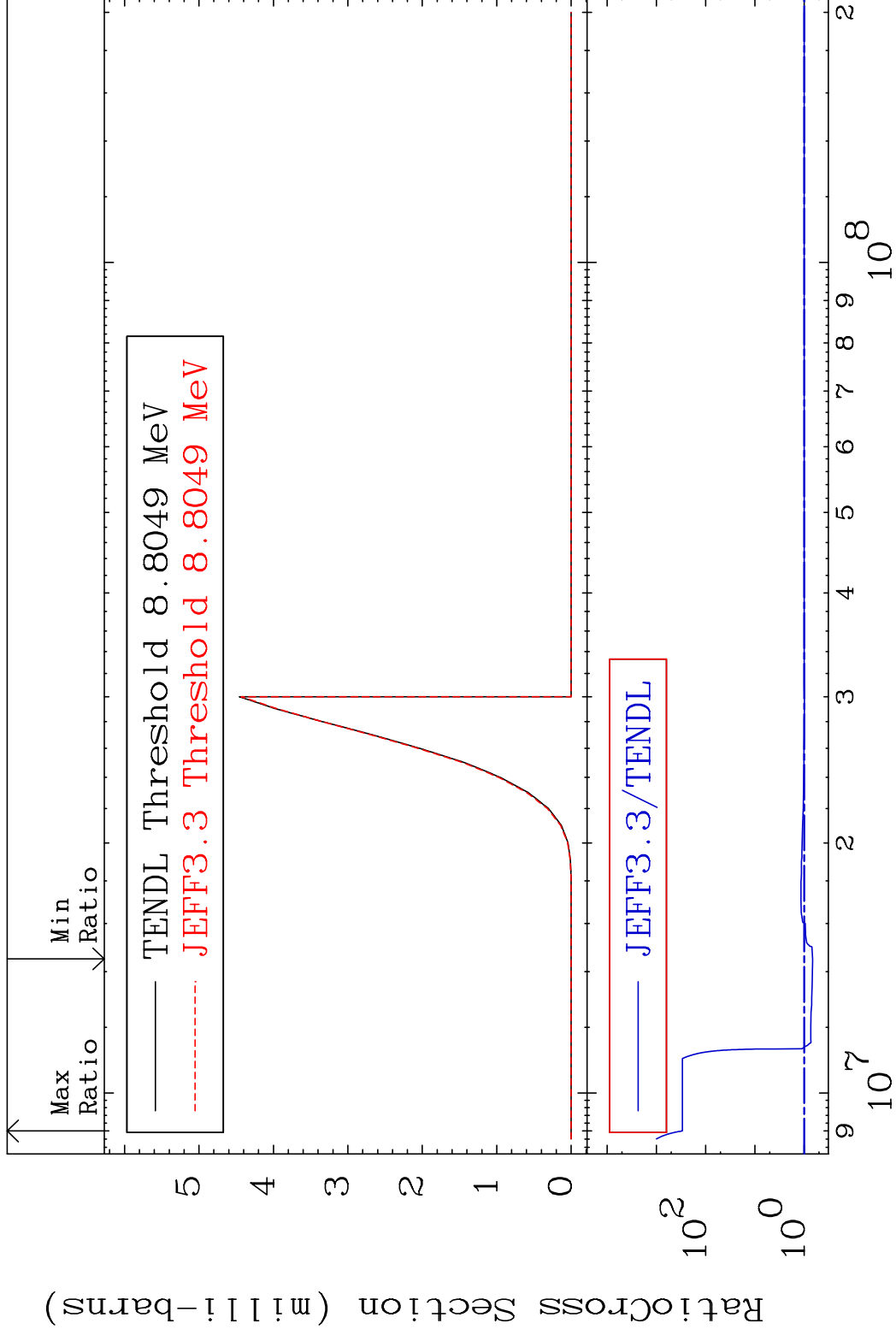


MAT 3431

(n, He-3)

34-Se-76

Cross Section -32.26 To 9999. %



53

Incident Energy (eV)

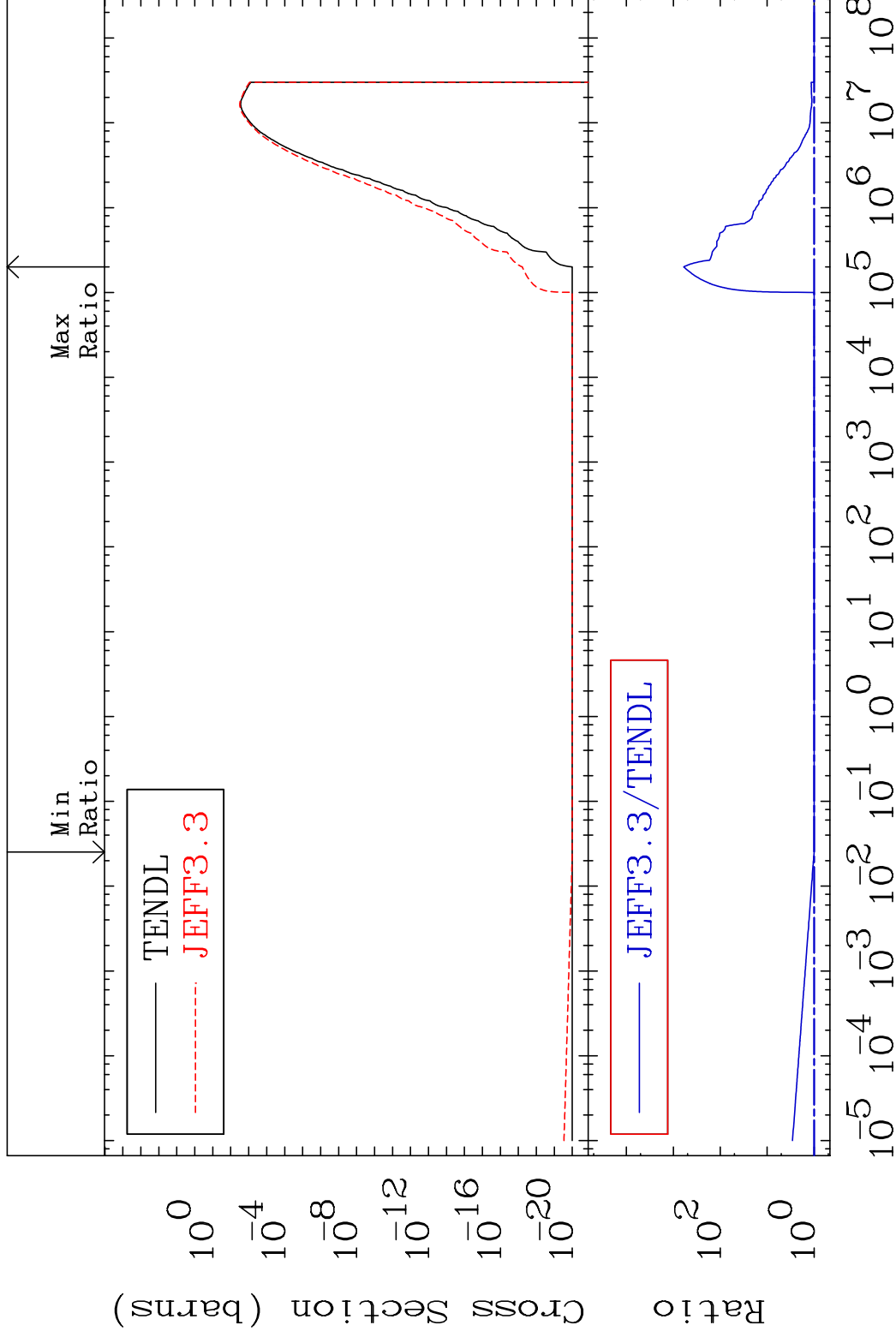
34-Se-76

MAT 3431

34-Se-76

(n,  $\alpha$ )

Cross Section 0.000 To 9999. %

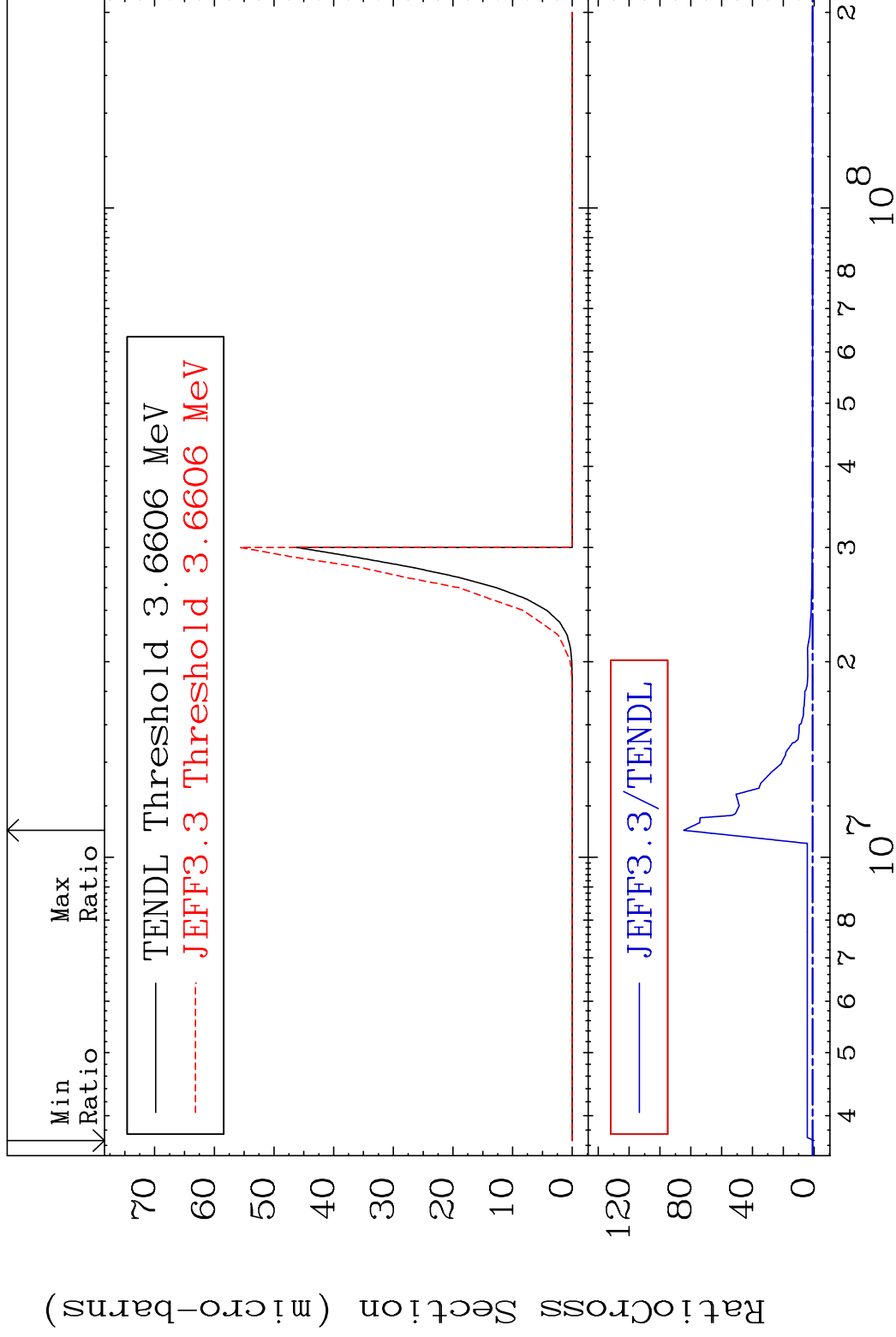


MAT 3431

(n,2α)

<sup>34</sup>Se-76

Cross Section -100.0 To 8364. %



55

Incident Energy (eV)

<sup>34</sup>Se-76

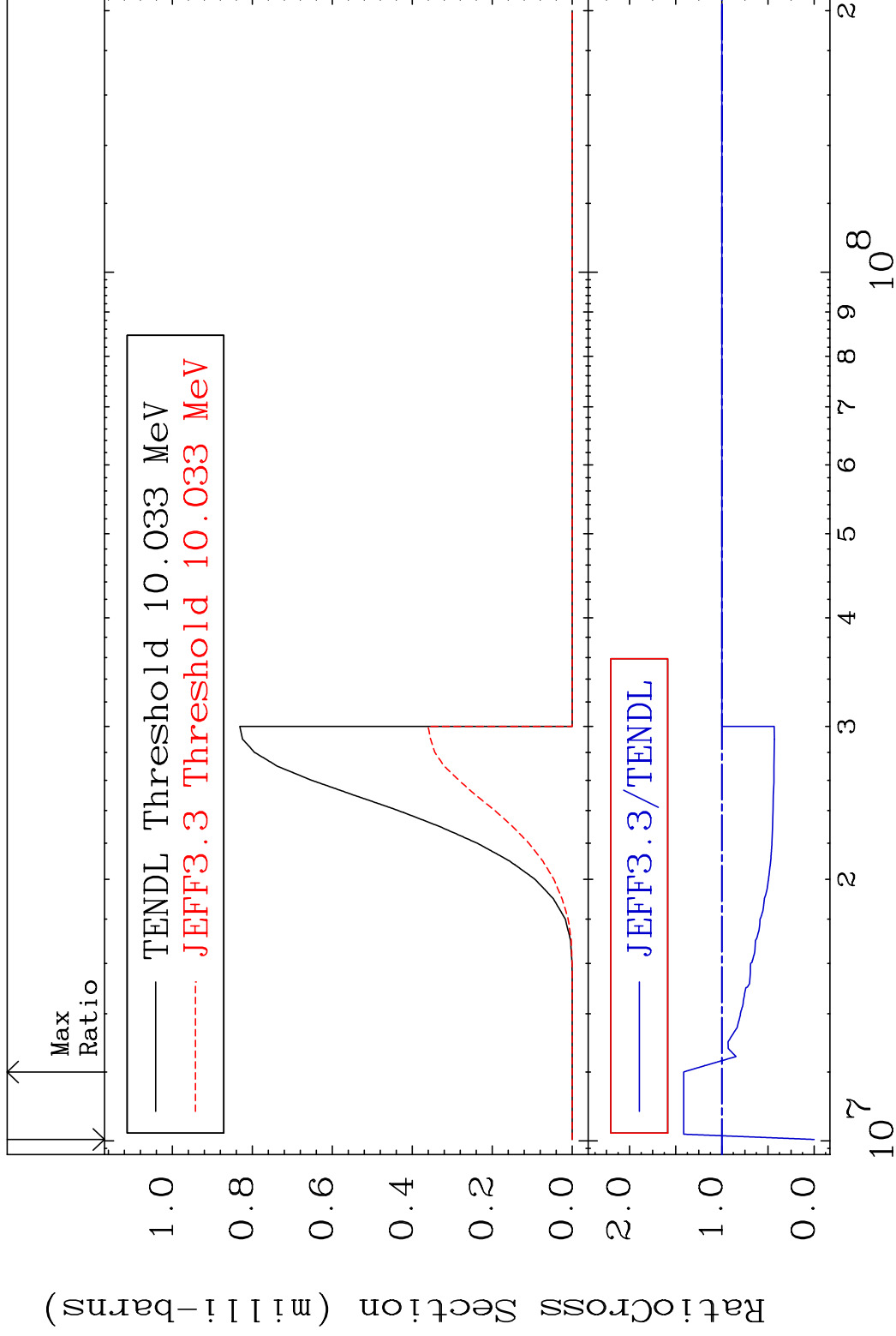


MAT 3431

(n,2p)

<sup>34</sup>Se-76

Cross Section -100.0 To 41.40 %



56

Incident Energy (eV)

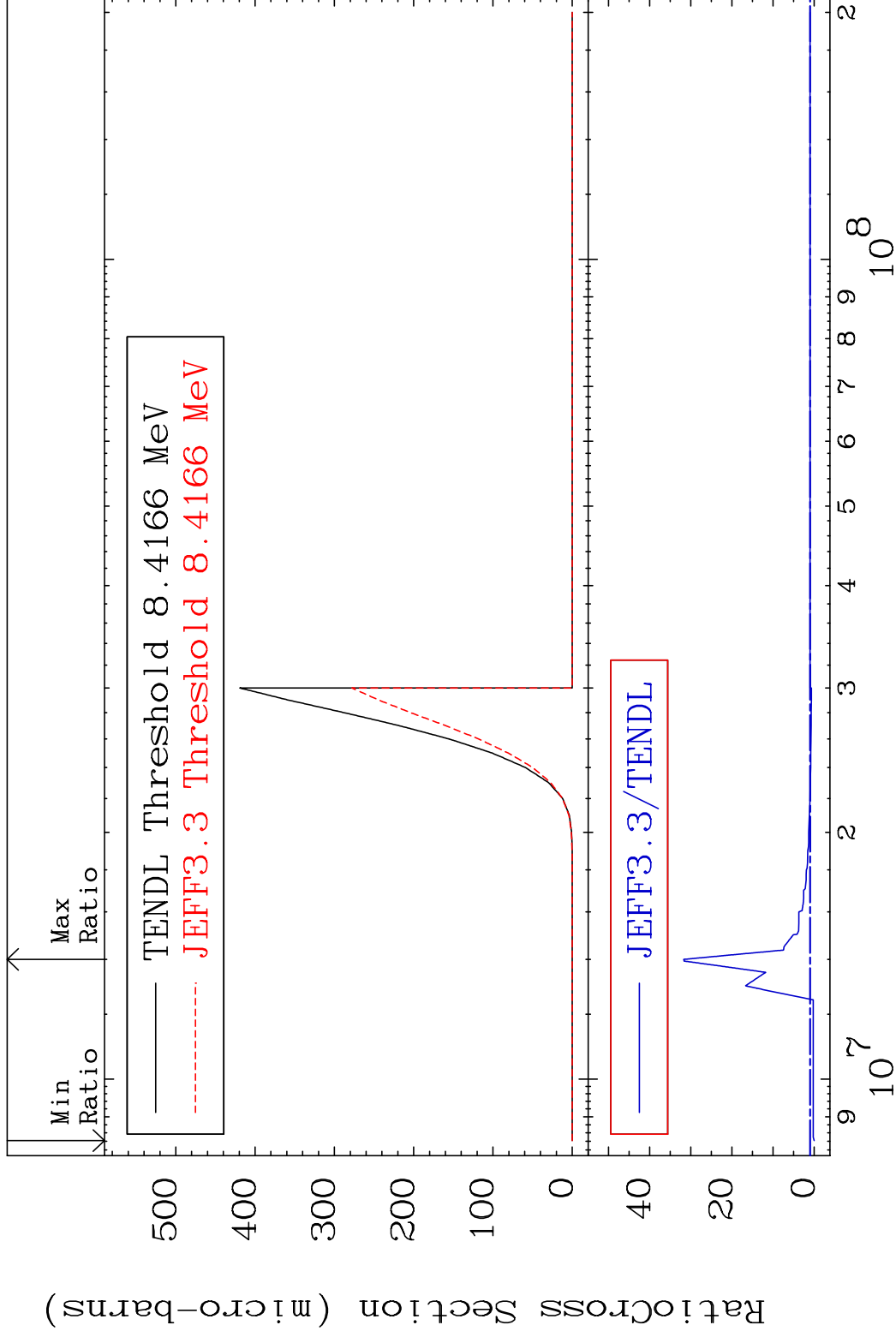
<sup>34</sup>Se-76

MAT 3431

(n,p)  $\alpha$

<sup>34</sup>Se-76

Cross Section -100.0 To 3073. %

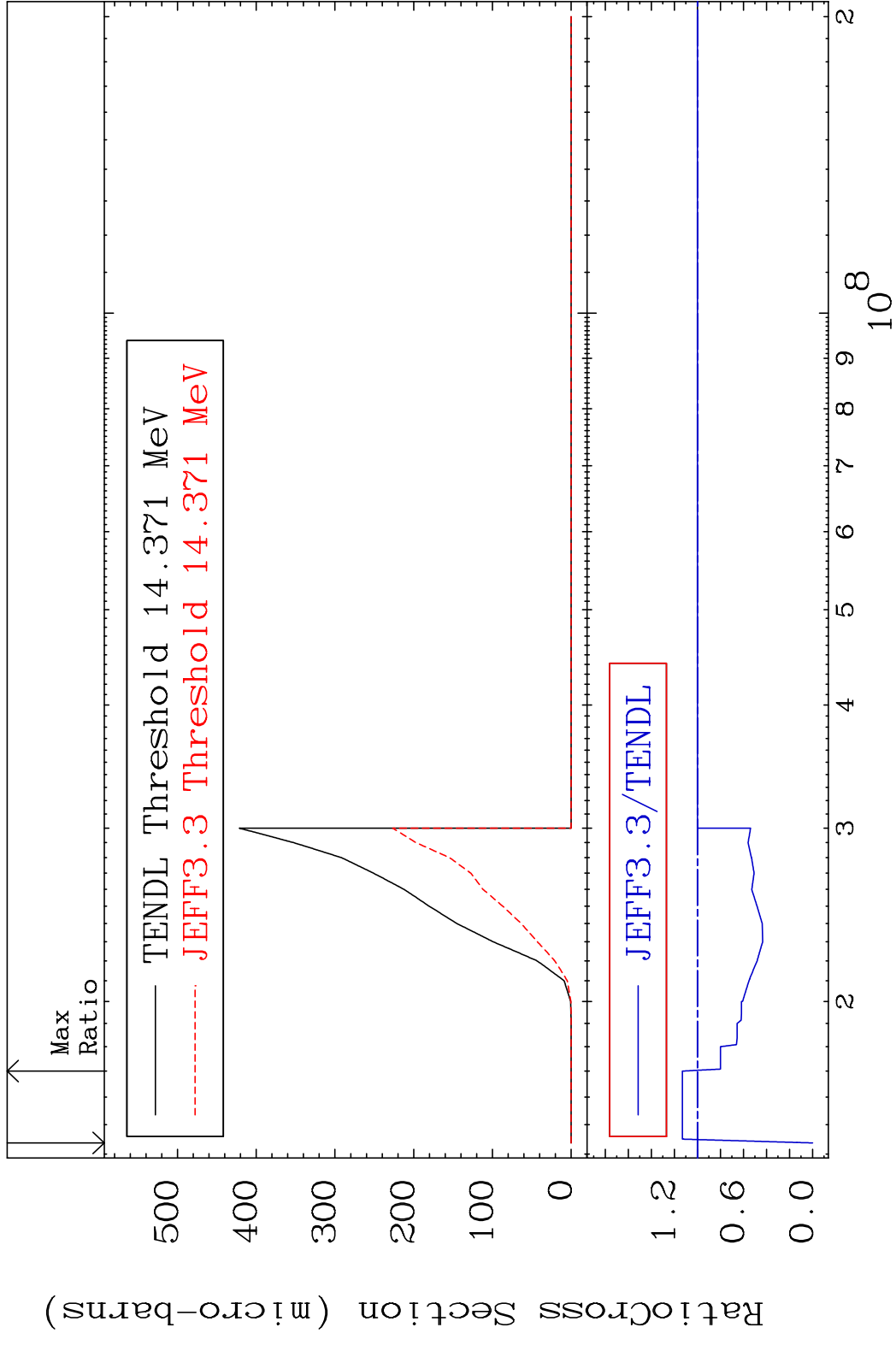


57

Incident Energy (eV)

<sup>34</sup>Se-76

MAT 3431 (n,p) d 34-Se-76  
 Cross Section -100.0 To 13.02 %

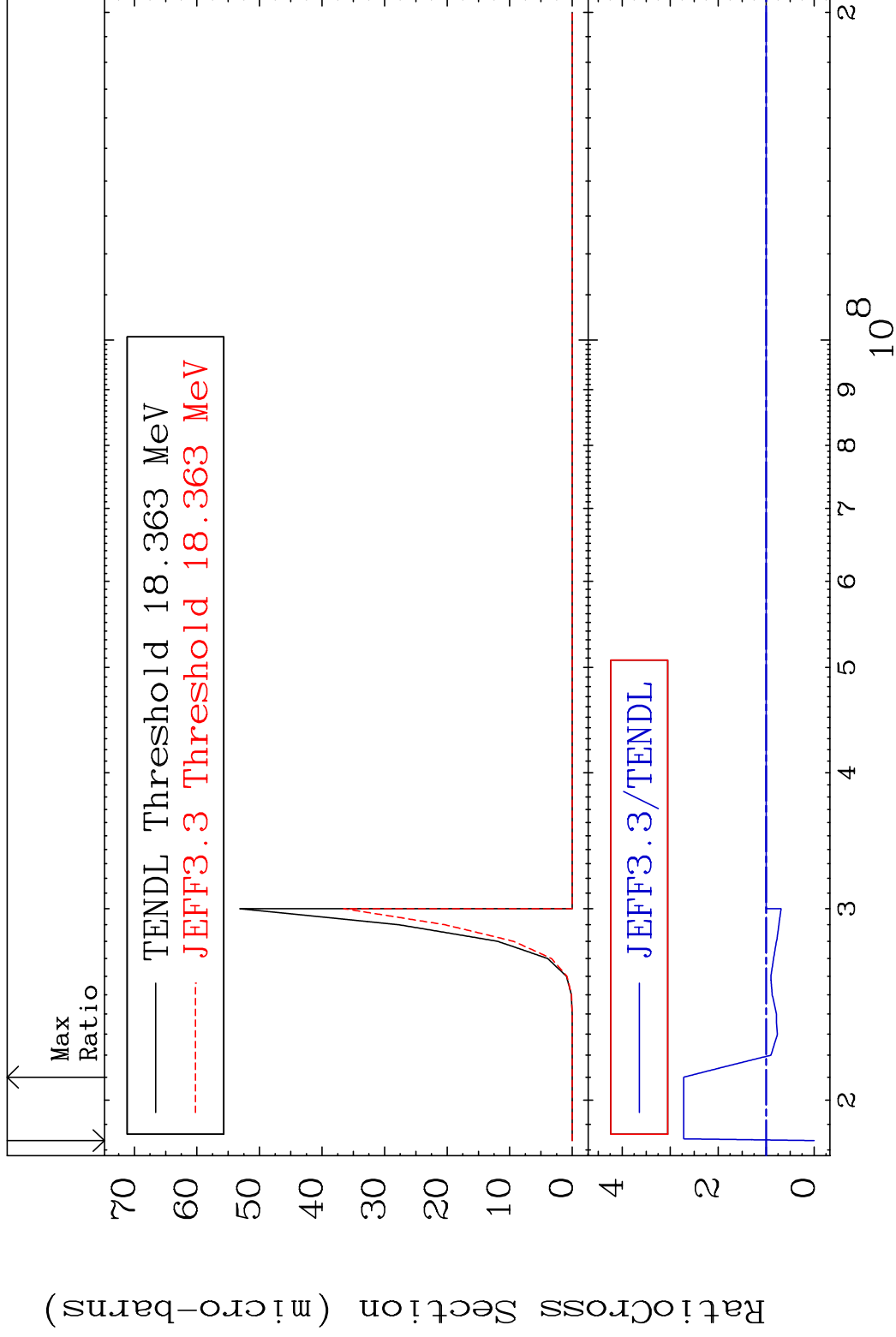


MAT 3431

(n,p) t

<sup>34</sup>Se-76

Cross Section -100.0 To 171.8 %



59

Incident Energy (eV)

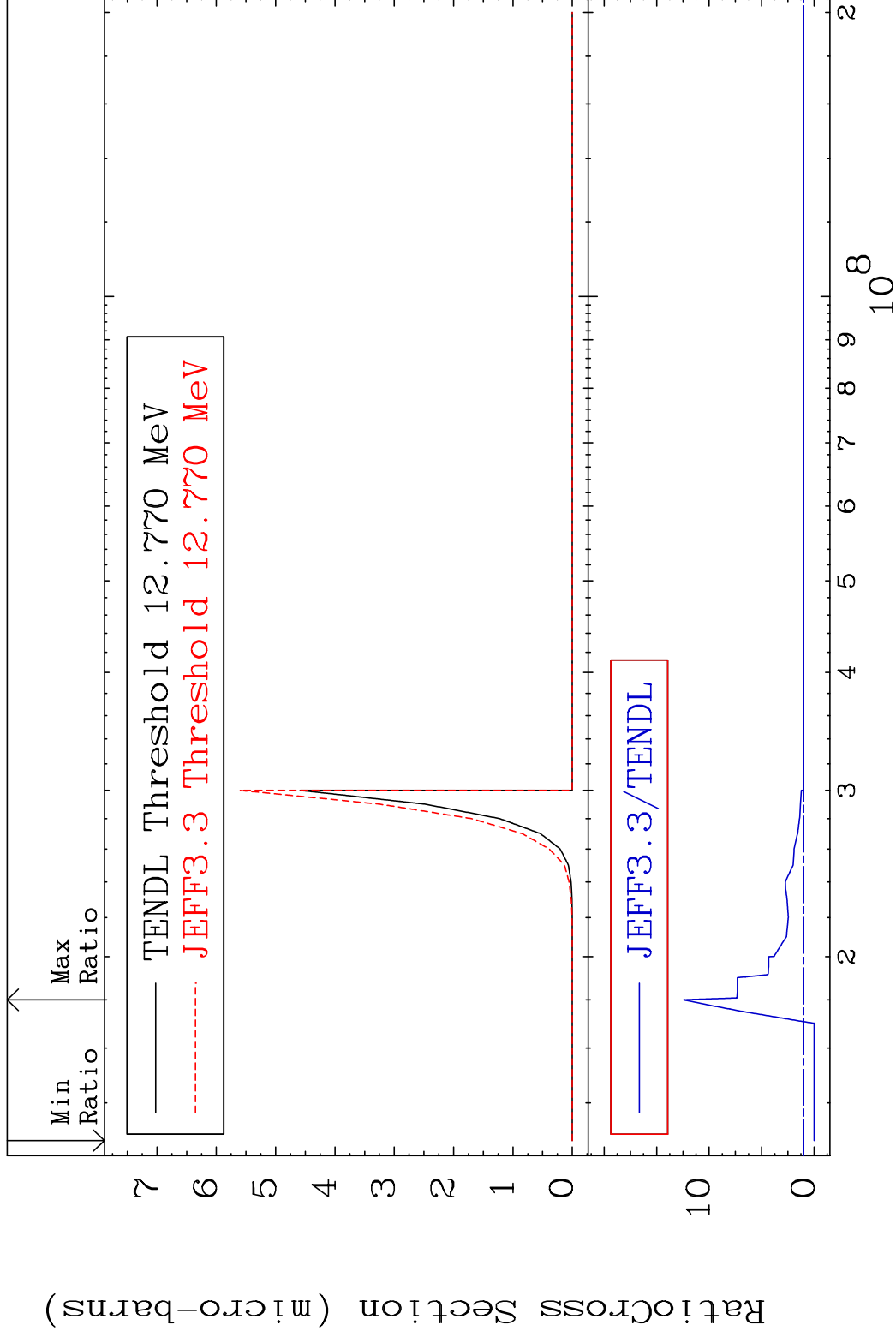
<sup>34</sup>Se-76

MAT 3431

(n,d)  $\alpha$

<sup>34</sup>Se-76

Cross Section -100.0 To 1143. %

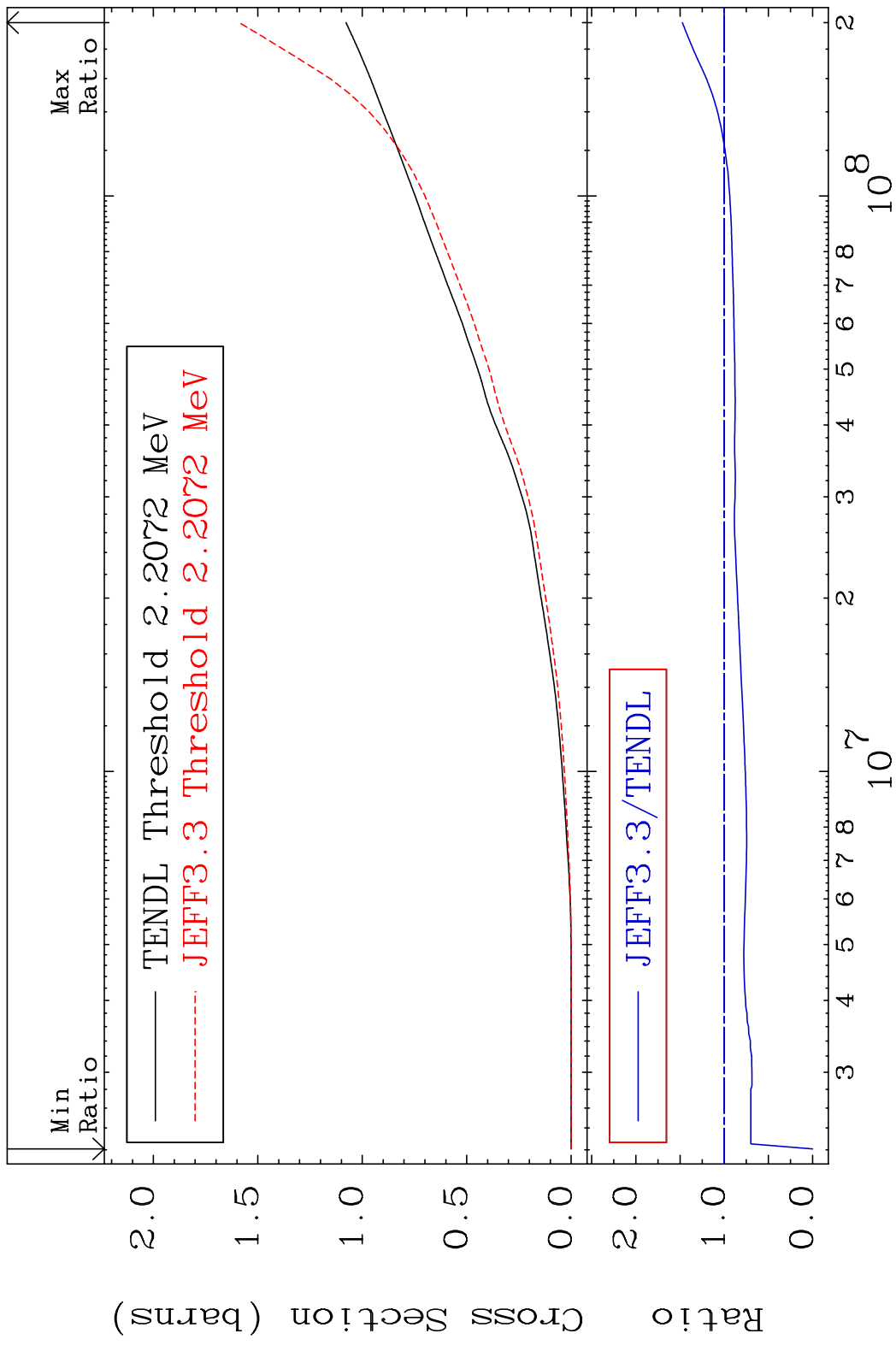


60

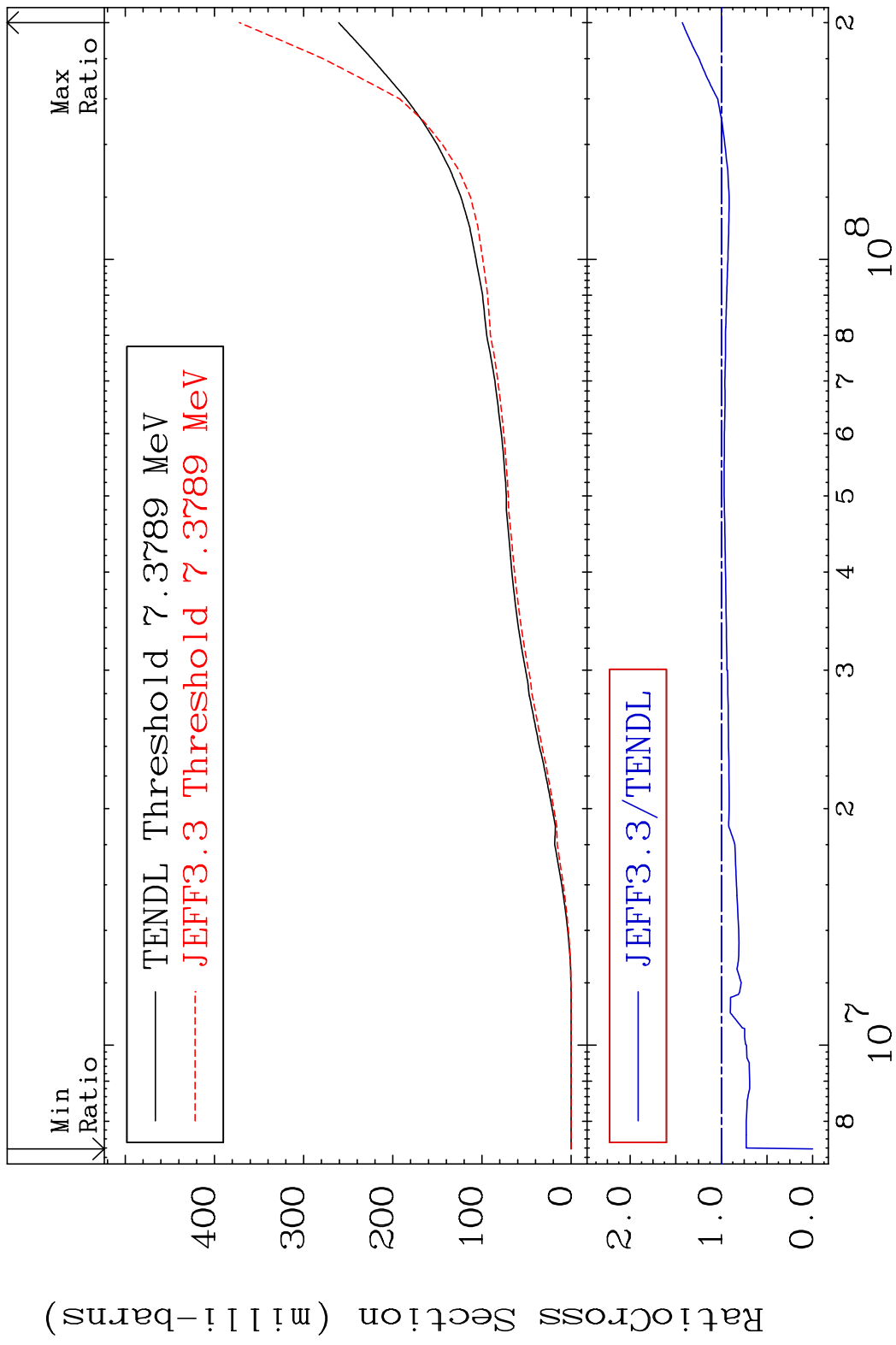
Incident Energy (eV)

<sup>34</sup>Se-76

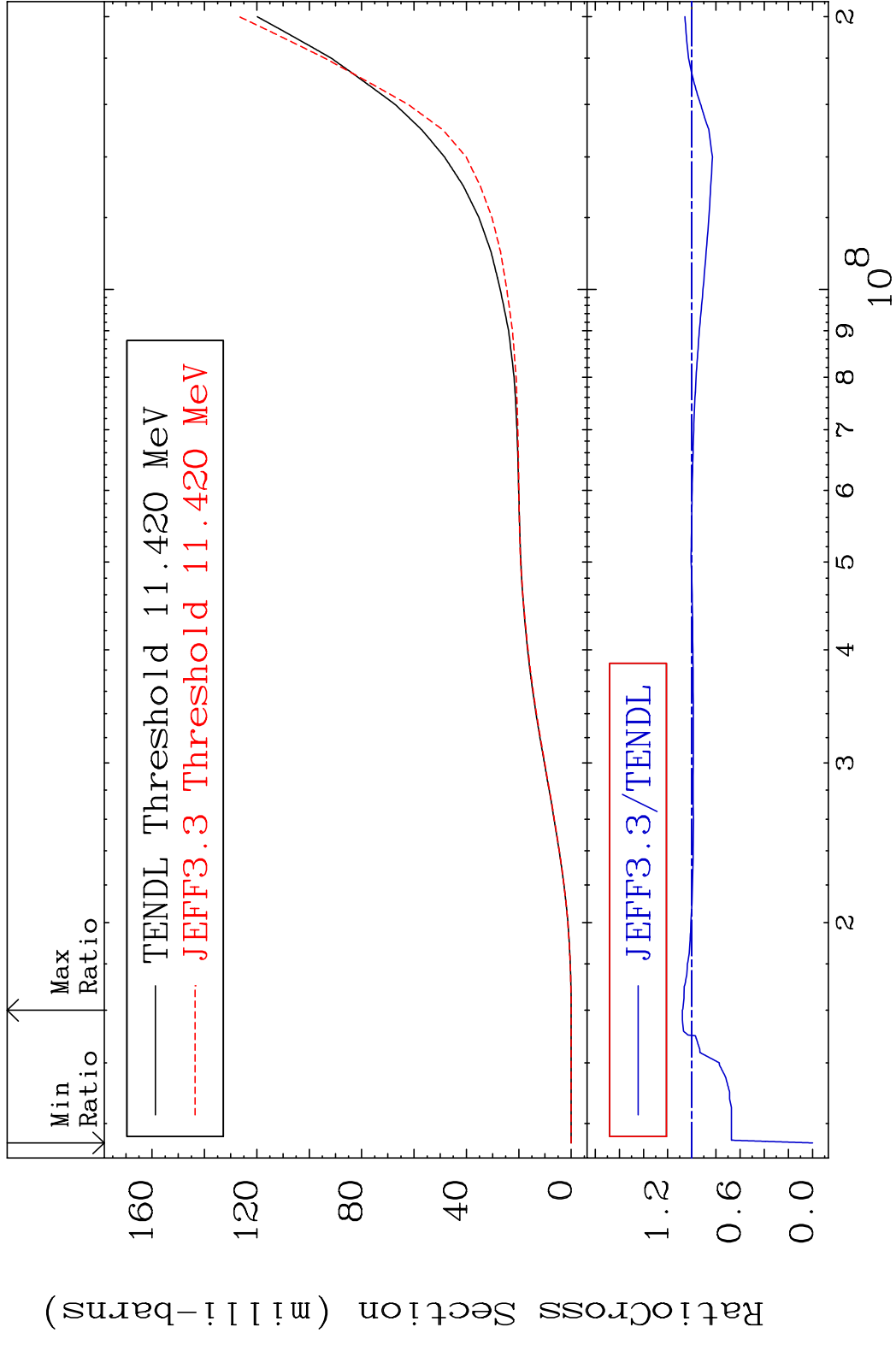
MAT 3431 Hydrogen Production 34-Se-76  
 Cross Section -100.0 To 47.41 %



MAT 3431 Deuterium Production 34-Se-76  
 Cross Section -100.0 To 42.72 %



MAT 3431 Tritium Production 34-Se-76  
 Cross Section -100.0 To 7.842 %



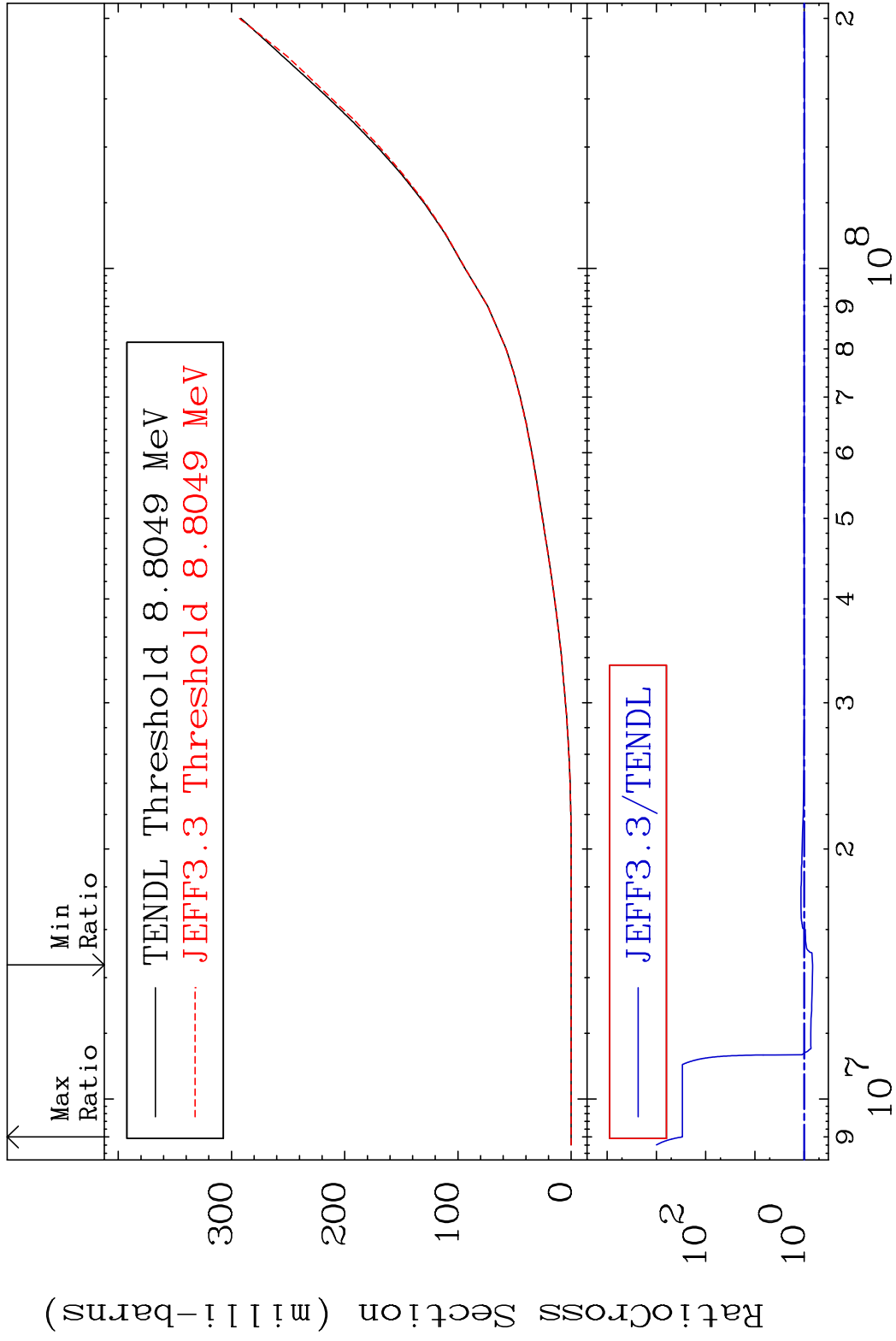


MAT 3431

He-3 Production

34-Se-76

Cross Section -32.26 To 9999. %



64

Incident Energy (eV)

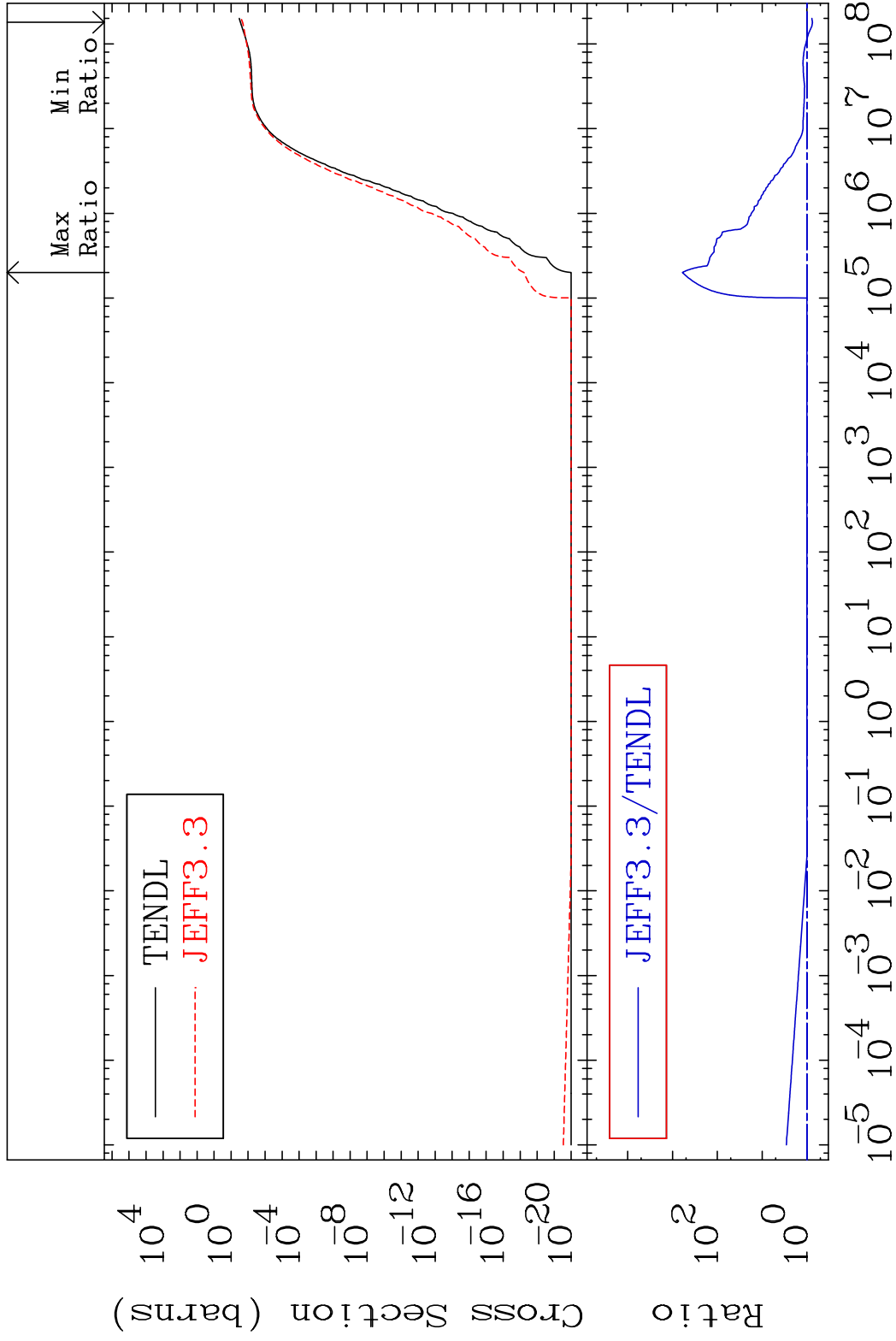
34-Se-76

MAT 3431

He-4 Production

34-Se-76

Cross Section -25.05 To 9999. %

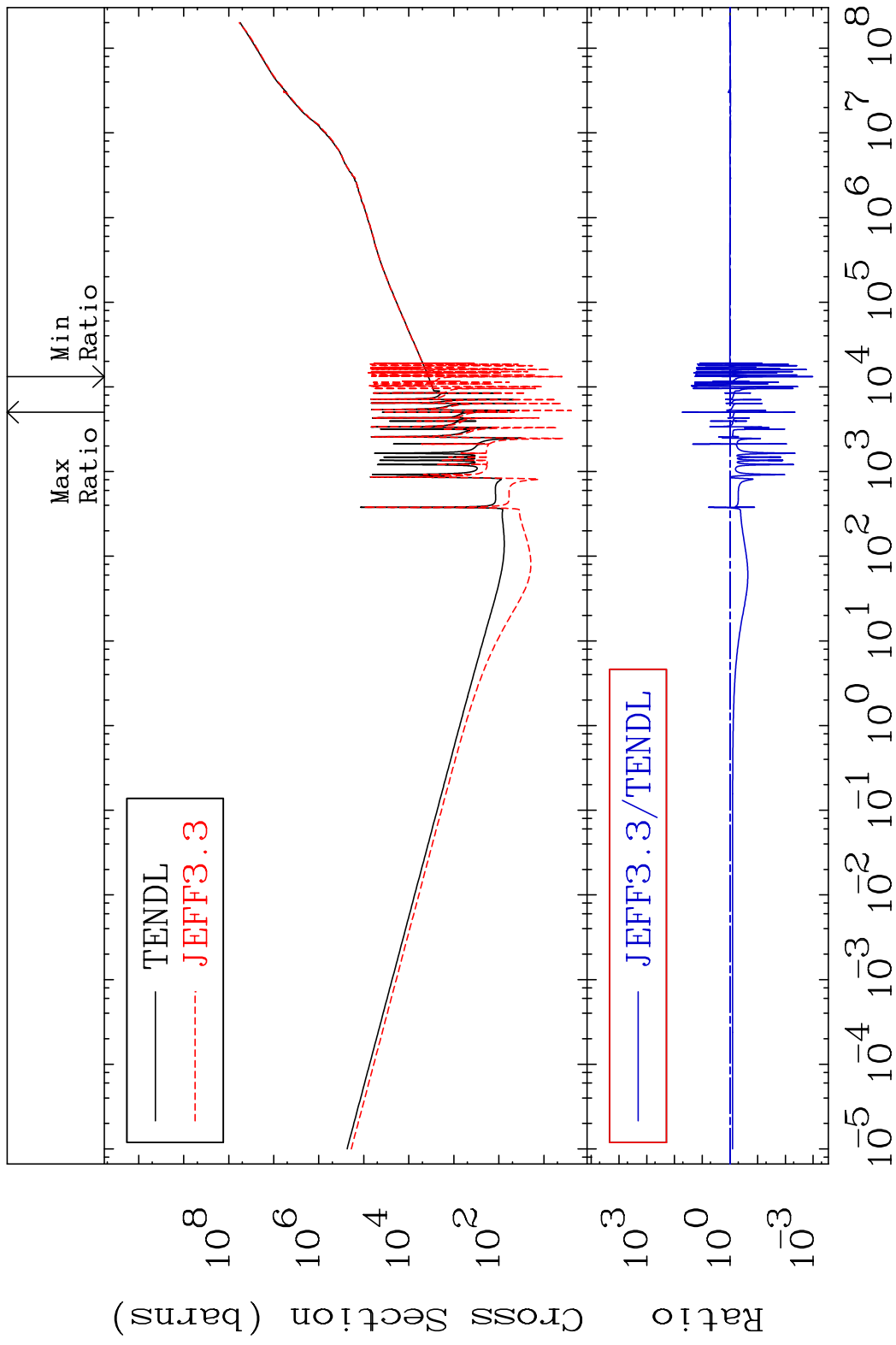


65

Incident Energy (eV)

34-Se-76

MAT 3431 Kerma total (eV-barns) 34-Se-76  
 Cross Section -99.89 To 5090. %

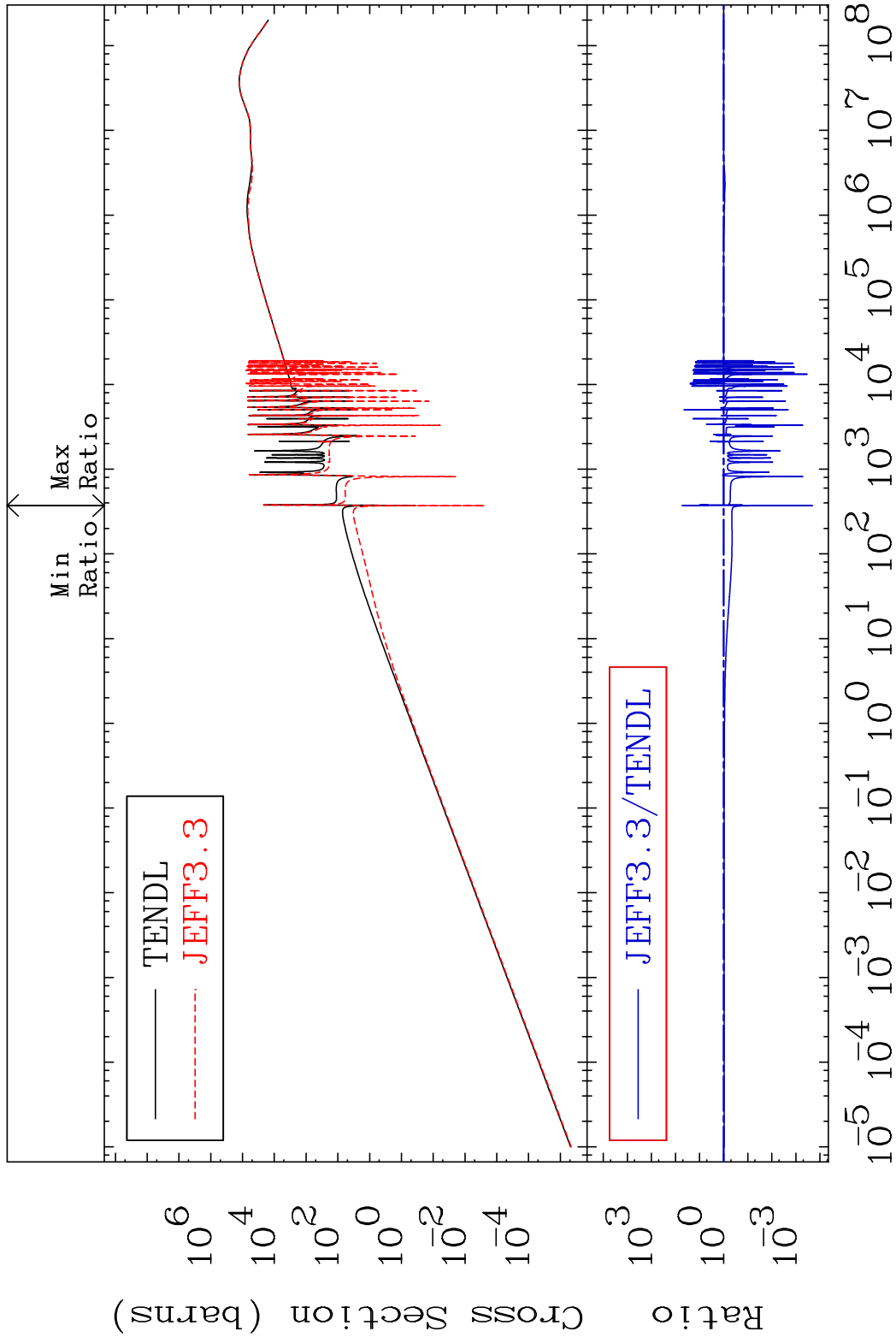


MAT 3431

Kerma elastic  
Cross Section

34-Se-76

-99.98 To 5099. %

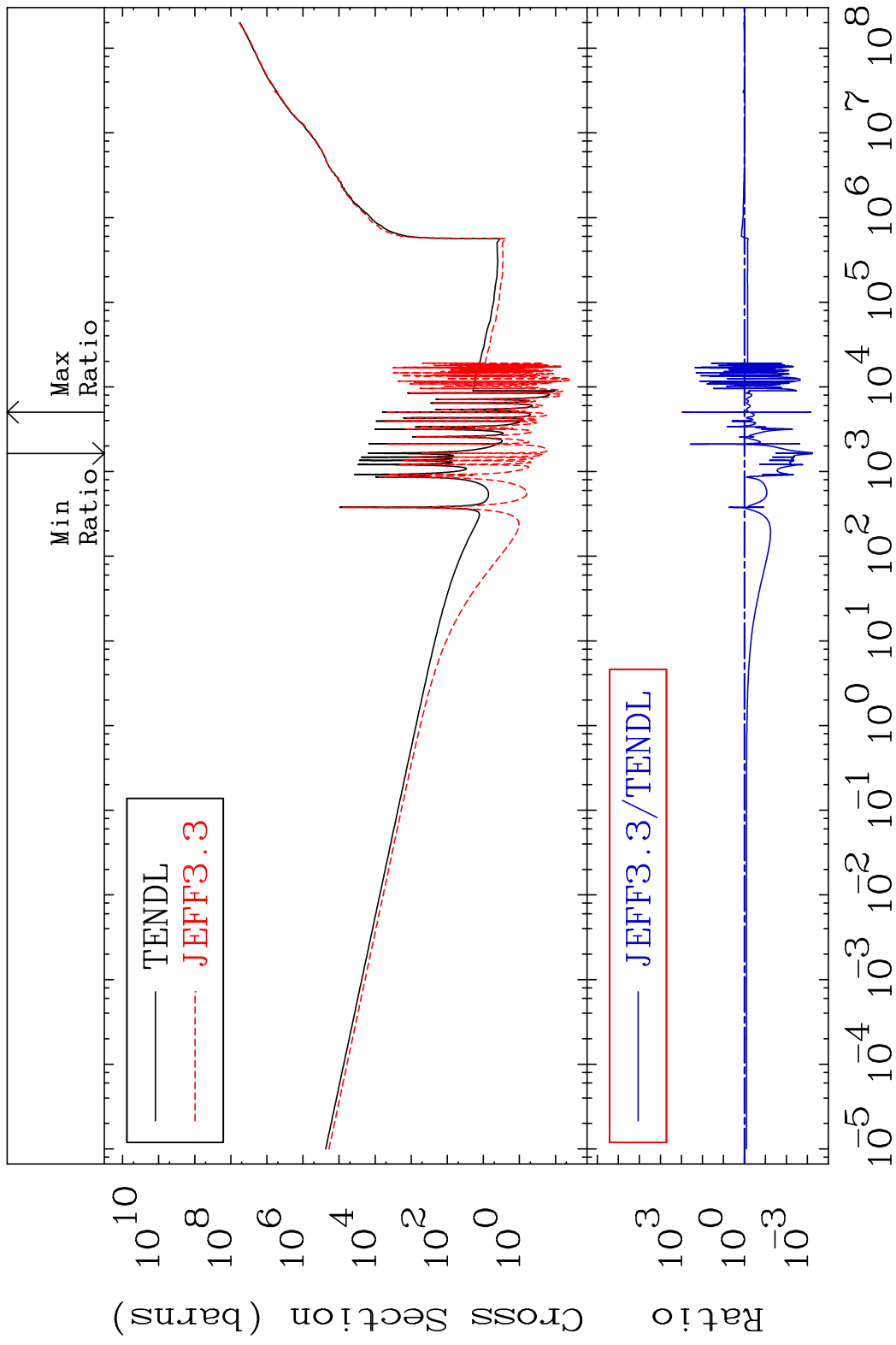


67

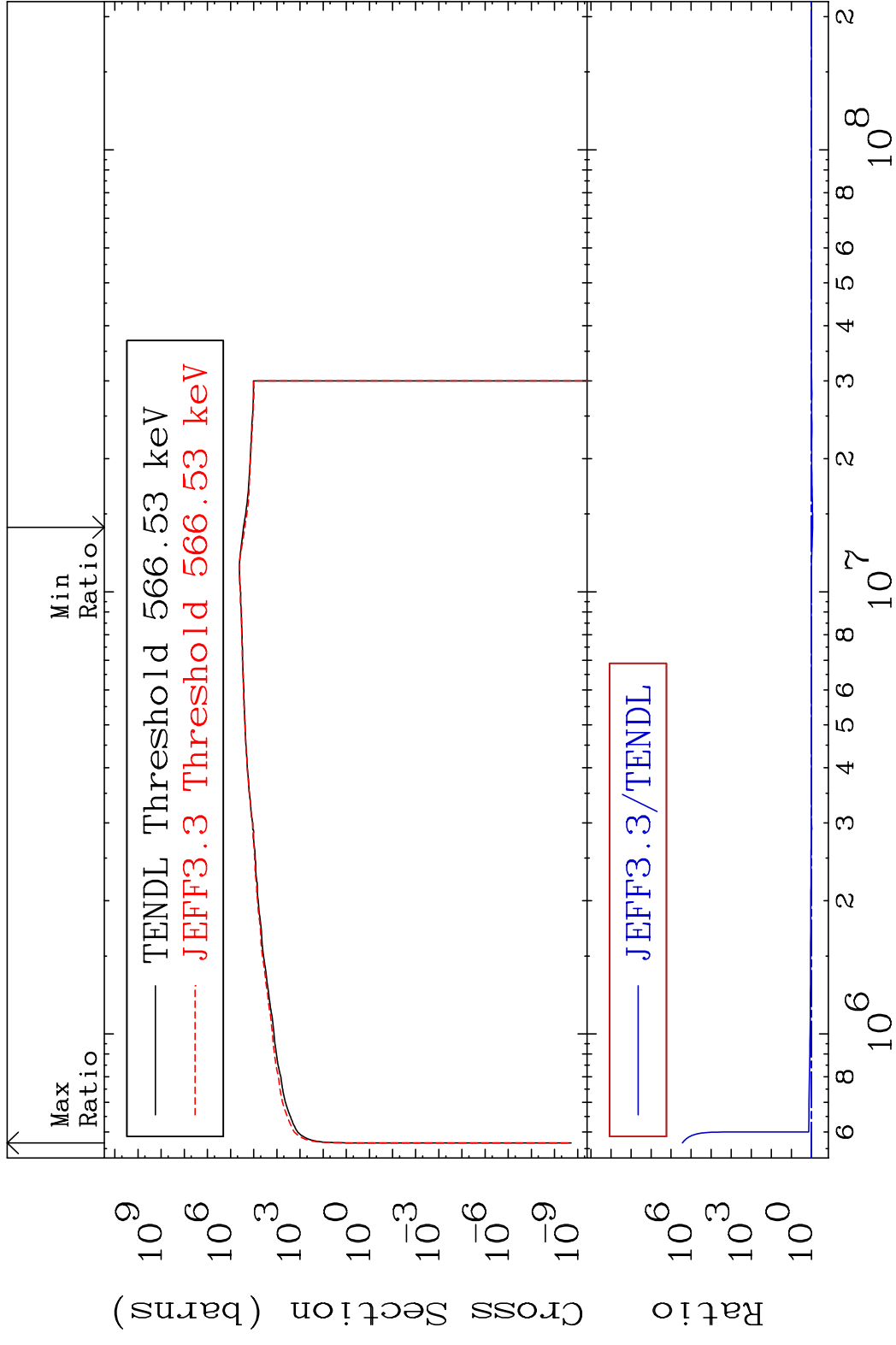
Incident Energy (eV)

34-Se-76

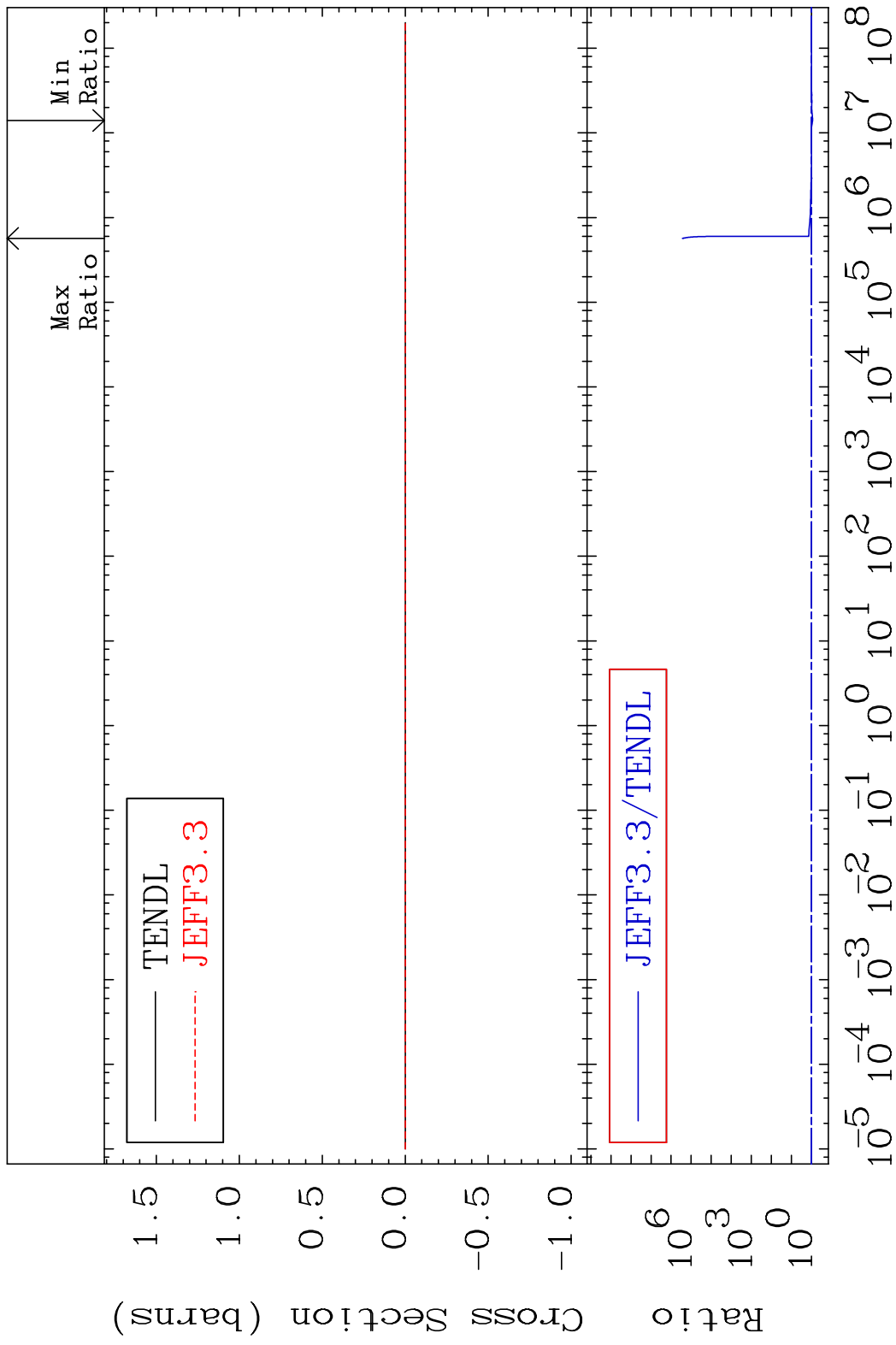
MAT 3431 Kerma non-elastic (all but mt2) 34-Se-76  
 Cross Section -99.94 To 9999. %



MAT 3431 Kerma inelastic (mt51-91) 34-Se-76  
 Cross Section -11.56 To 9999. %



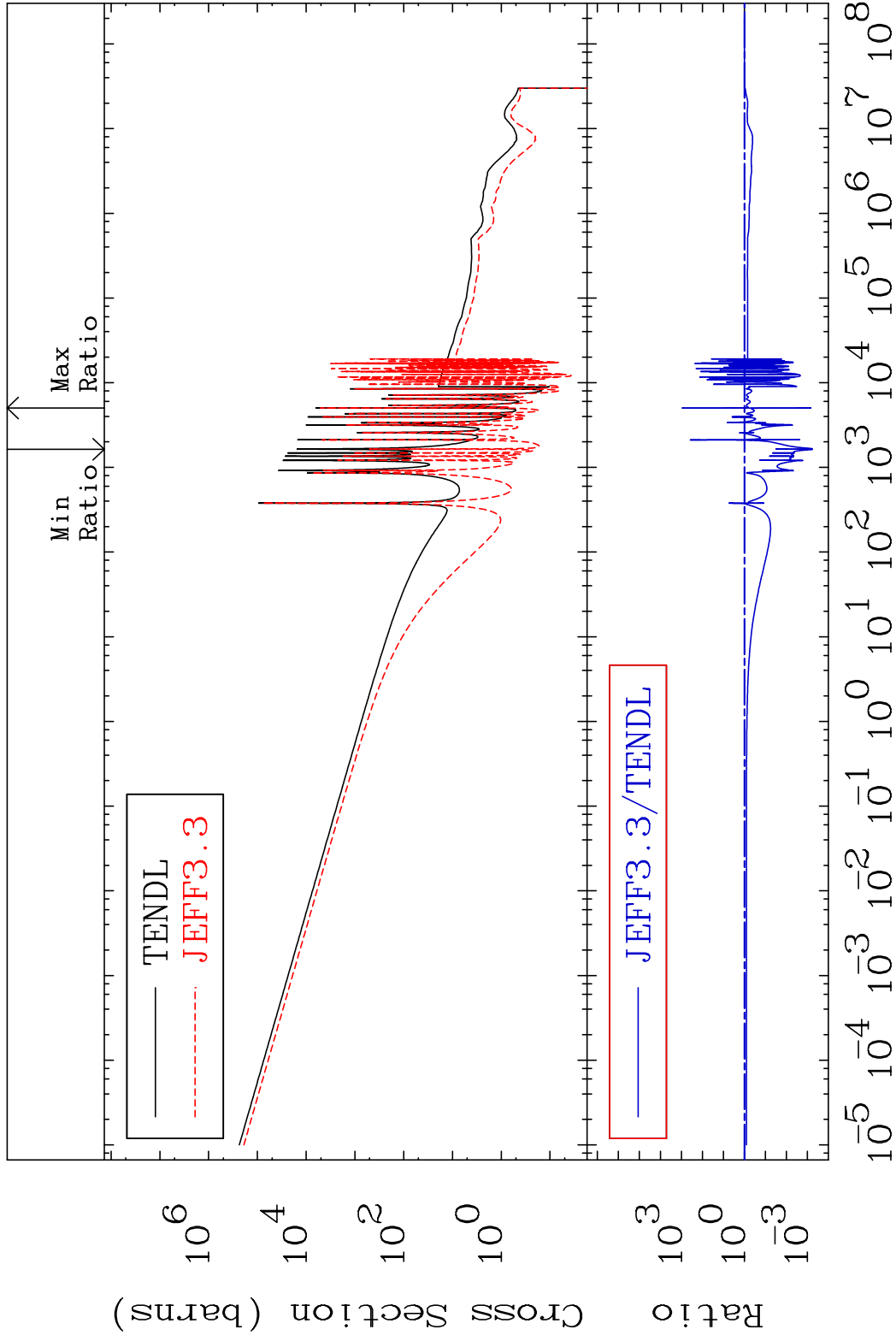
MAT 3431 Kerma fission (mt18 or mt19-20-21-38) 34-Se-76  
 Cross Section -11.56 To 9999. %



MAT 3431

Kerma capture (mt102) 34-Se-76

Cross Section -99.94 To 9999. %



71

Incident Energy (eV)

34-Se-76

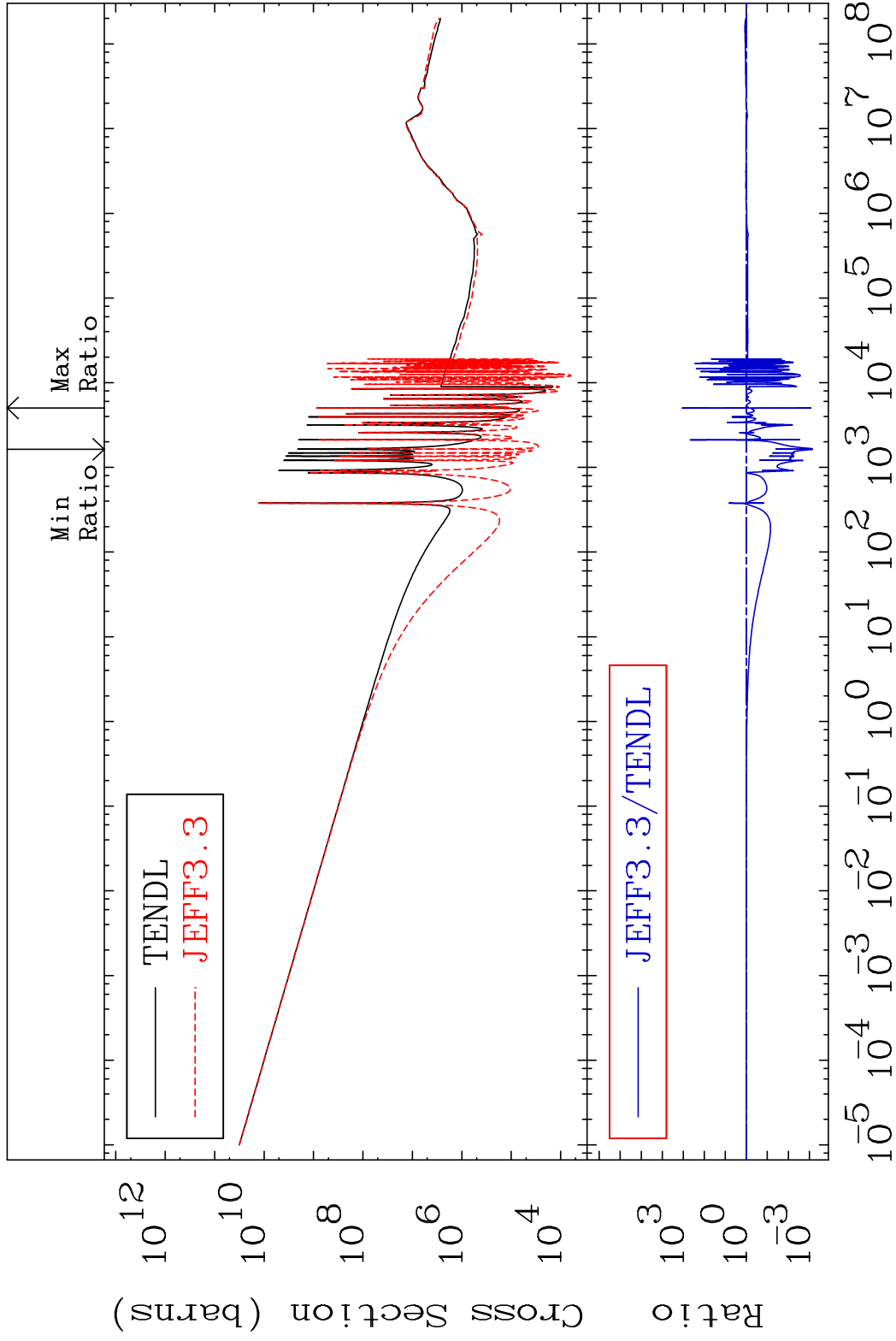


MAT 3431

Total photon (eV-barns)

34-Se-76

Cross Section -99.93 To 9999. %

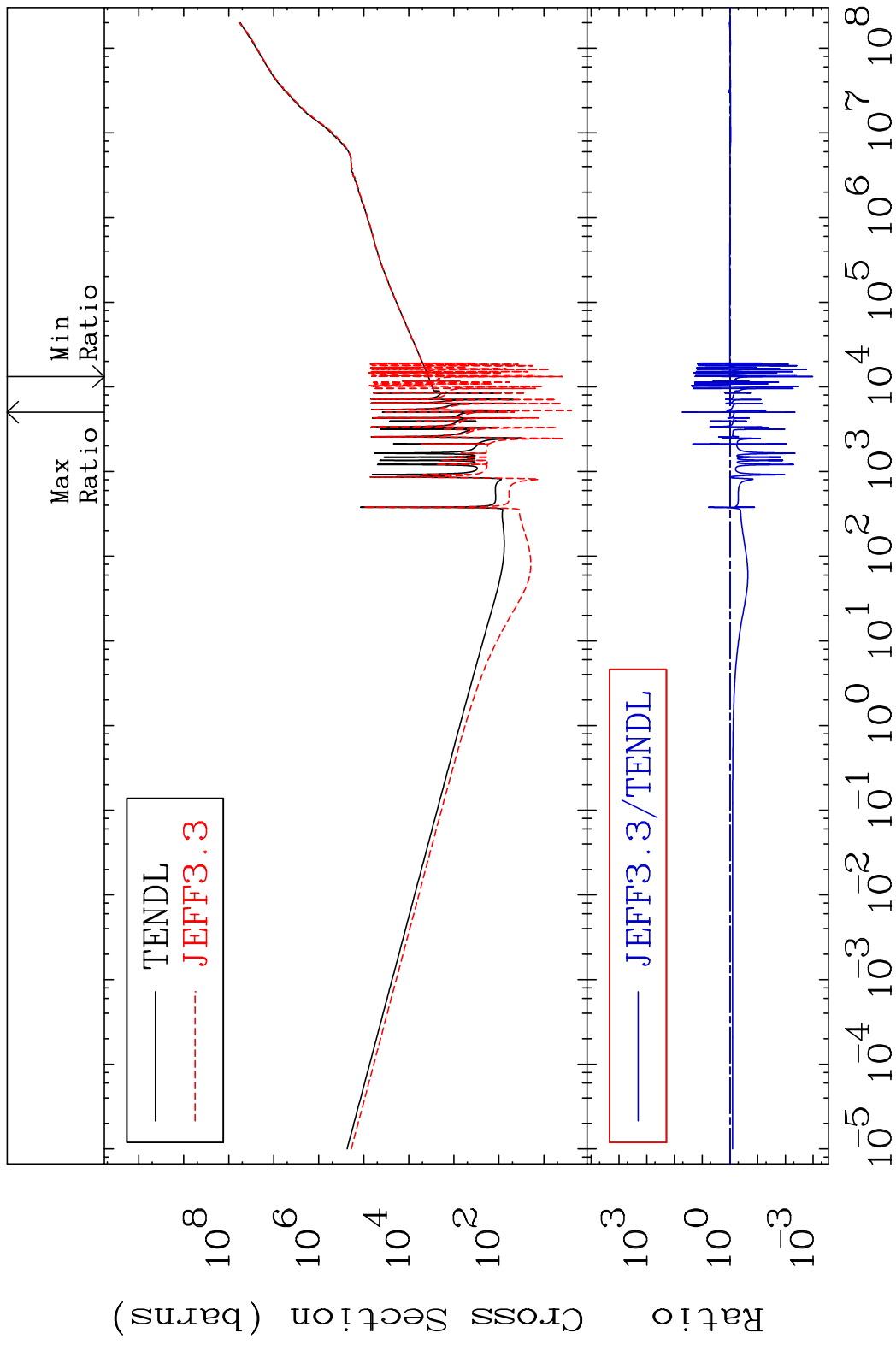


72

Incident Energy (eV)

34-Se-76

MAT 3431 Total kinematic kerma (high limit) 34-Se-76  
 Cross Section -99.89 To 5090. %

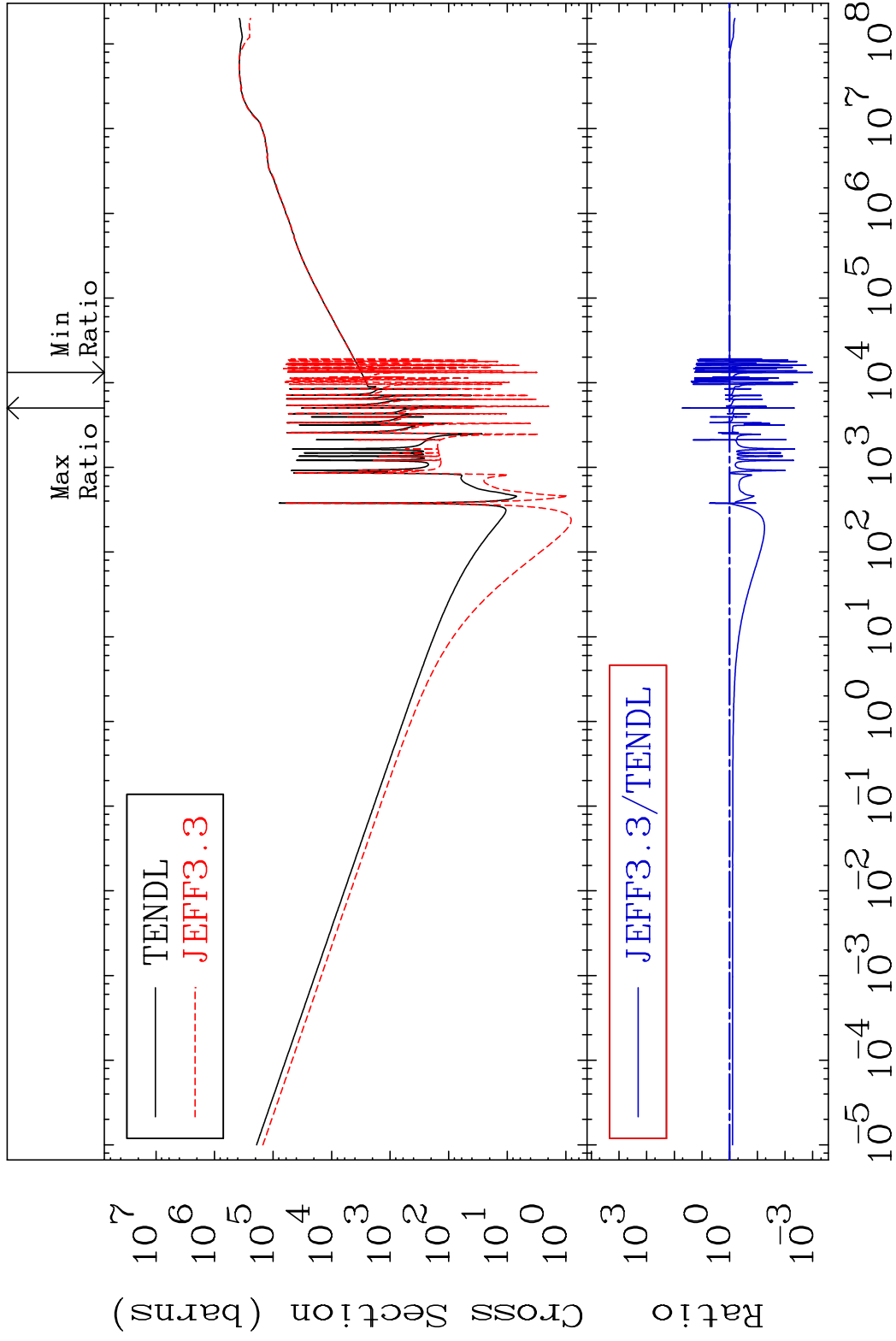


MAT 3431

Dpa total (eV-barns)

34-Se-76

Cross Section -99.90 To 5033. %



74

Incident Energy (eV)

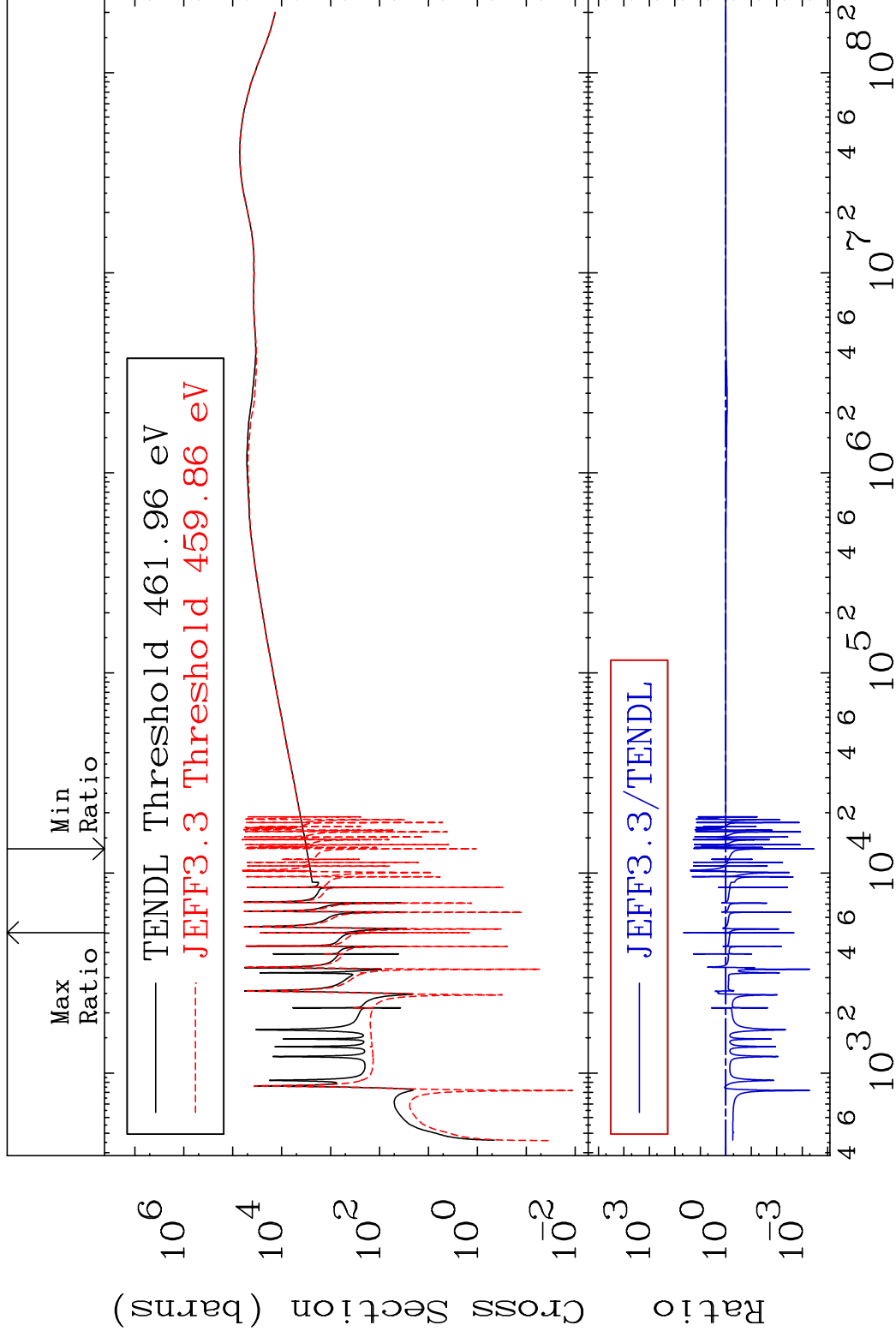
34-Se-76

MAT 3431

Dpa elastic (mt2)

34-Se-76

Cross Section -99.97 To 4418. %



75

Incident Energy (eV)

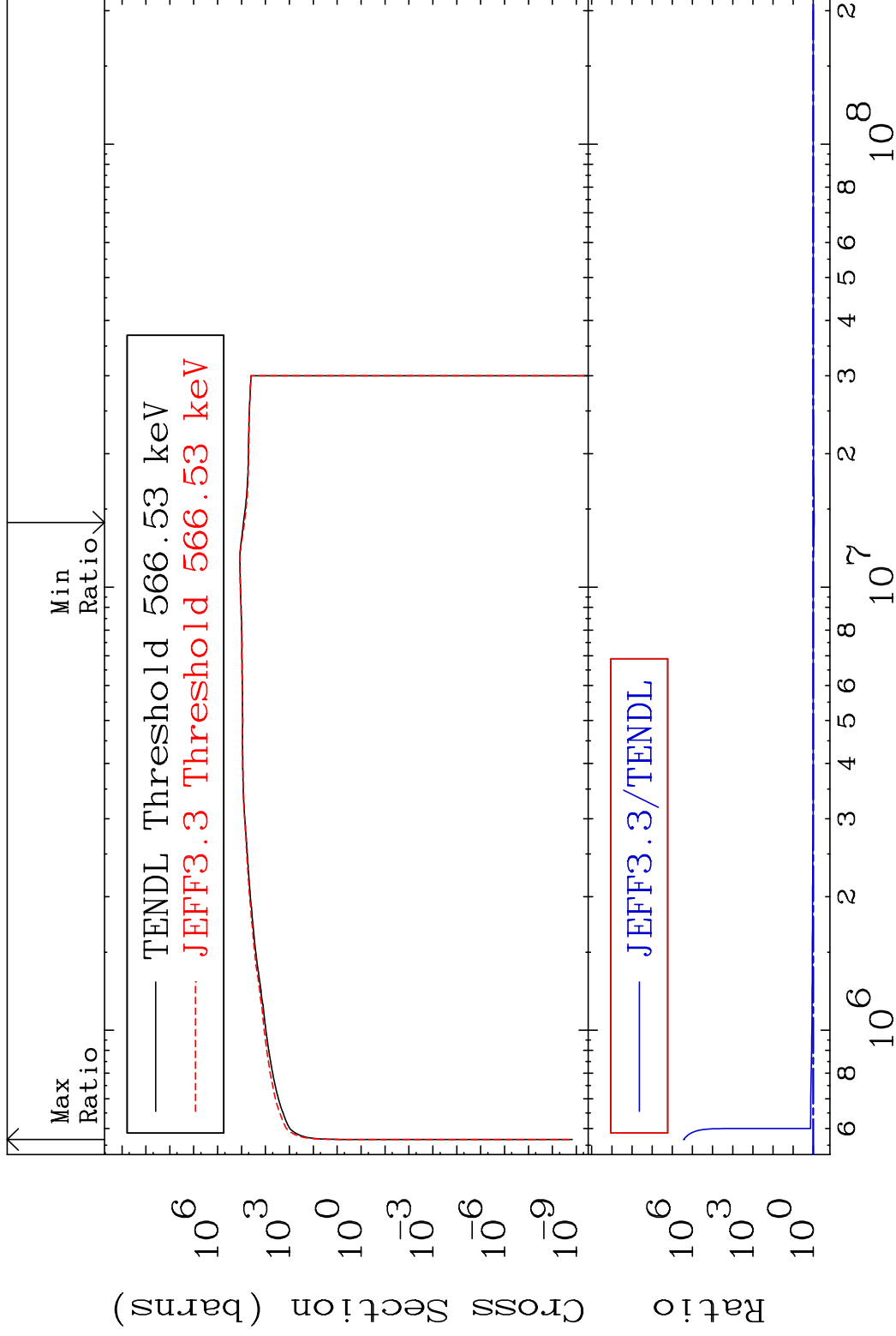
34-Se-76

MAT 3431

Dpa inelastic (mt51-91)

34-Se-76

Cross Section -9.037 To 9999. %

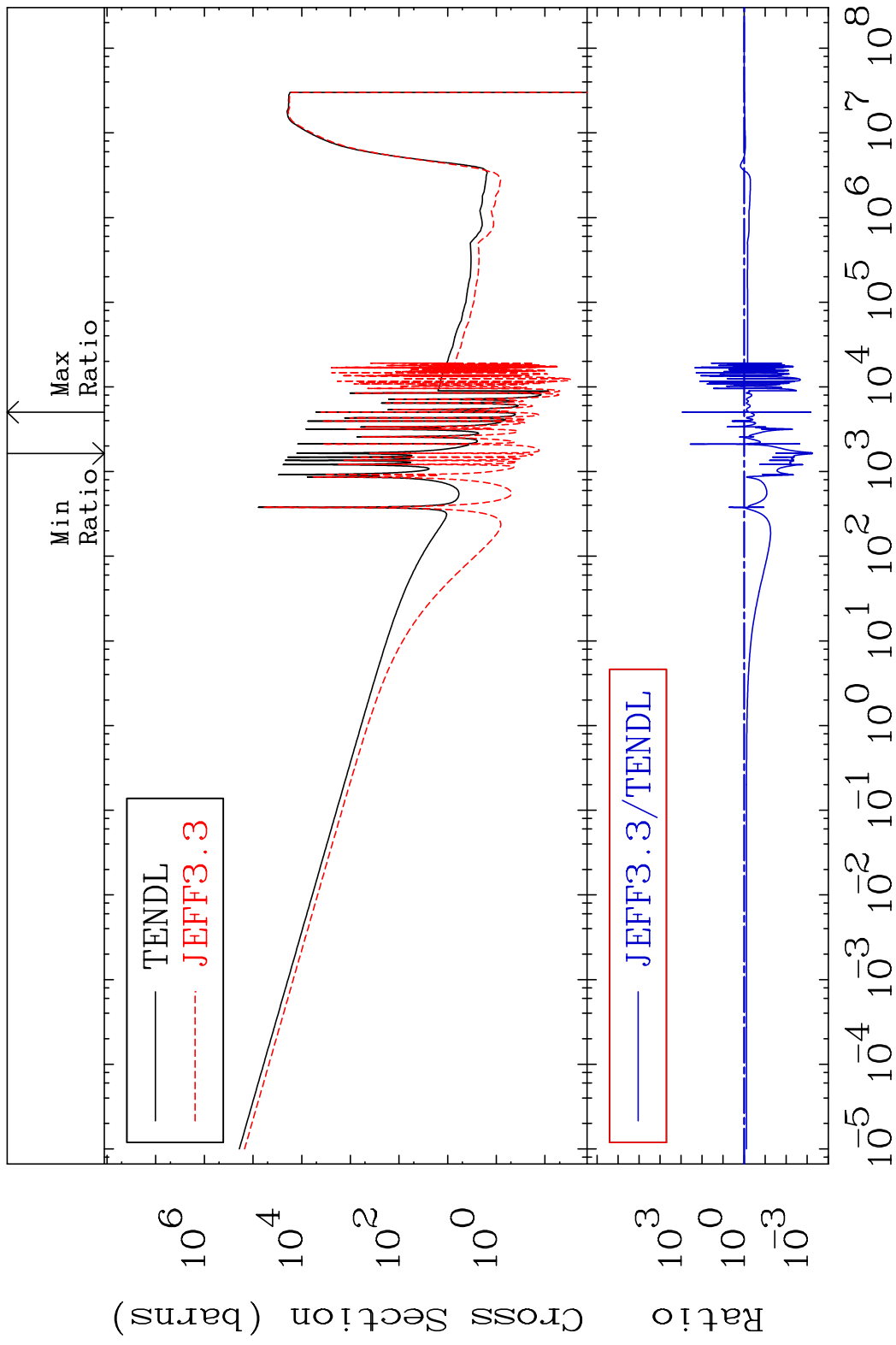


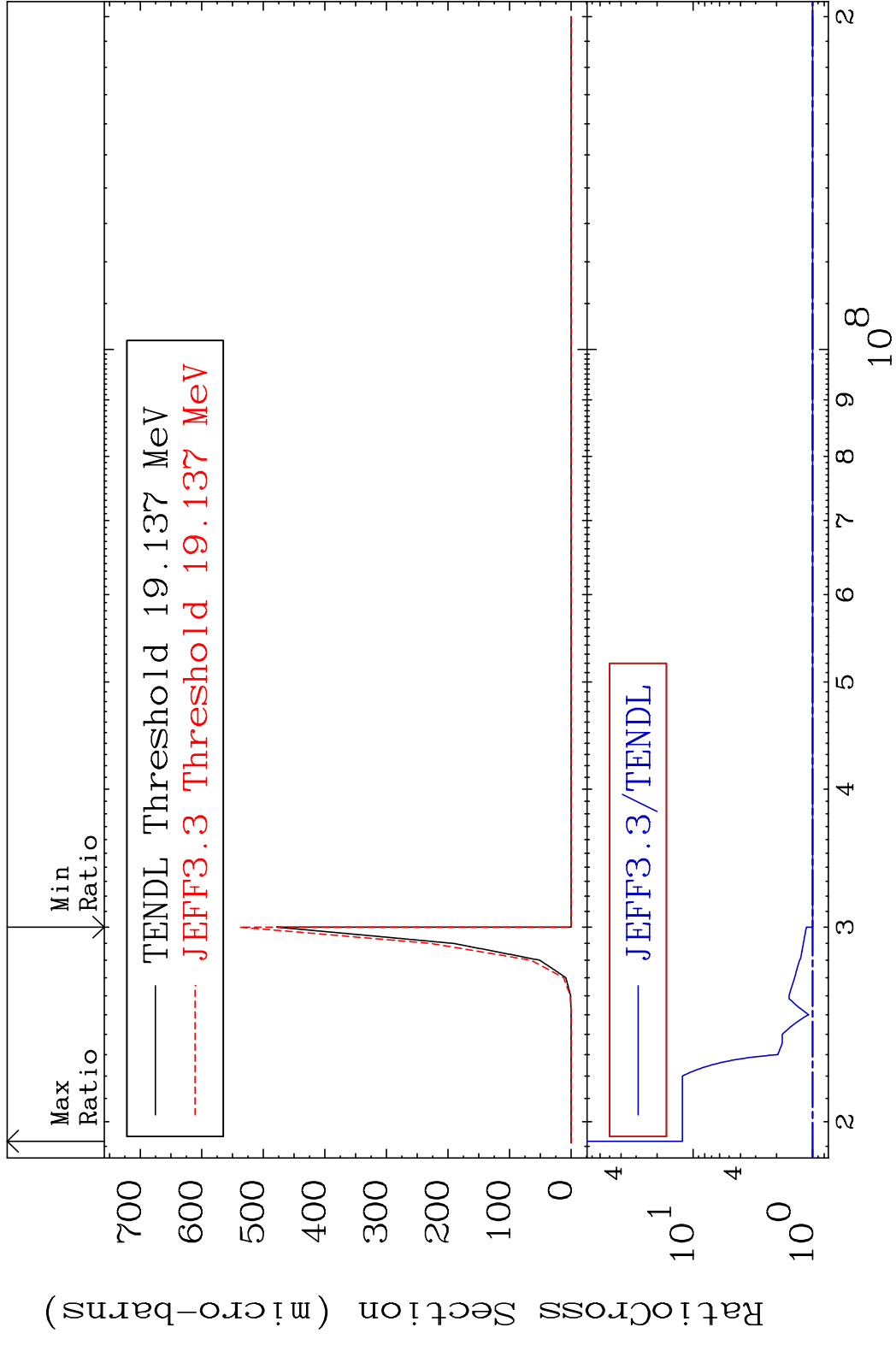
76

Incident Energy (eV)

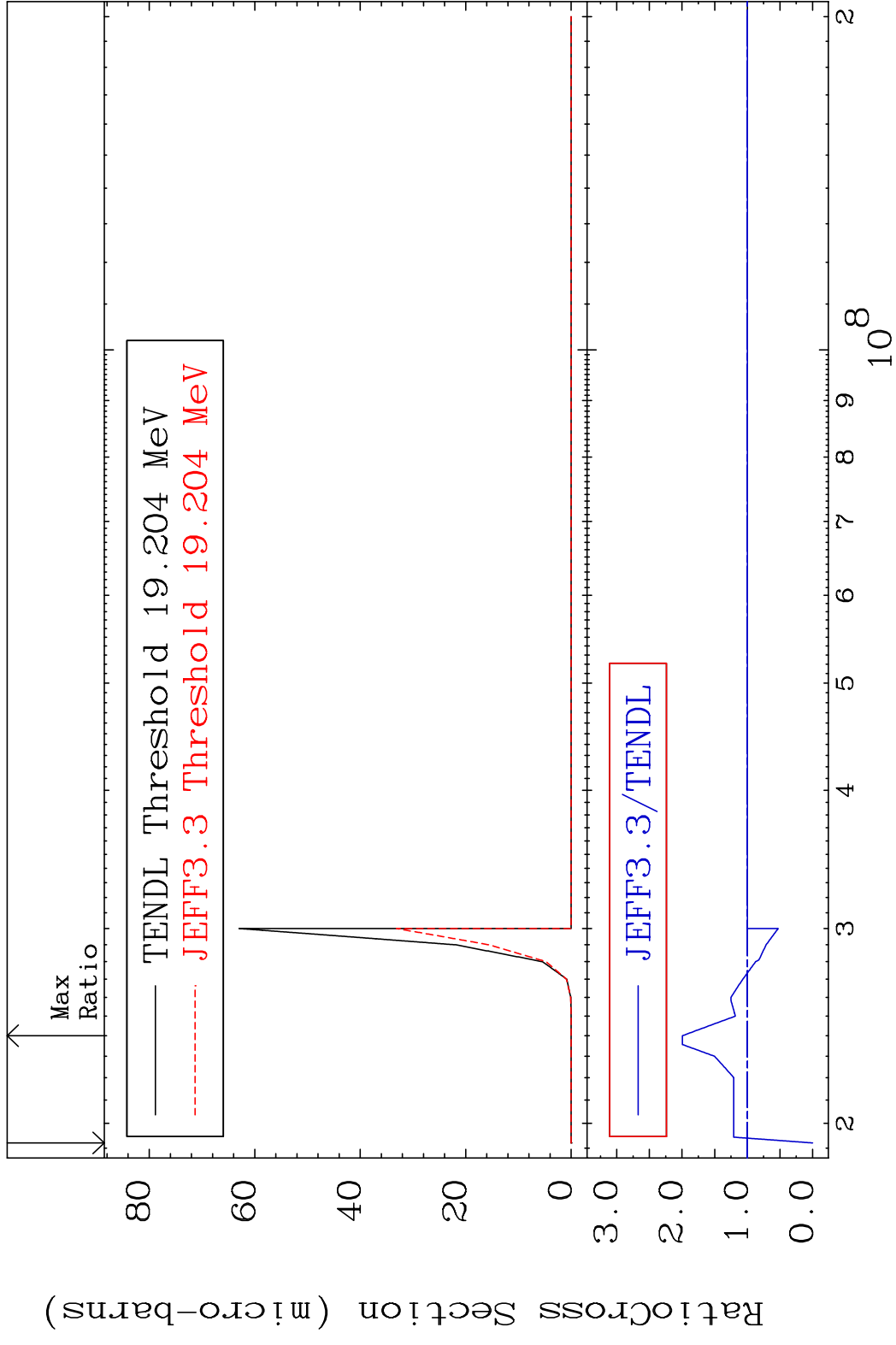
34-Se-76

MAT 3431 Dpa disappearance (mt102 -120) 34-Se-76  
 Cross Section -99.94 To 9999. %



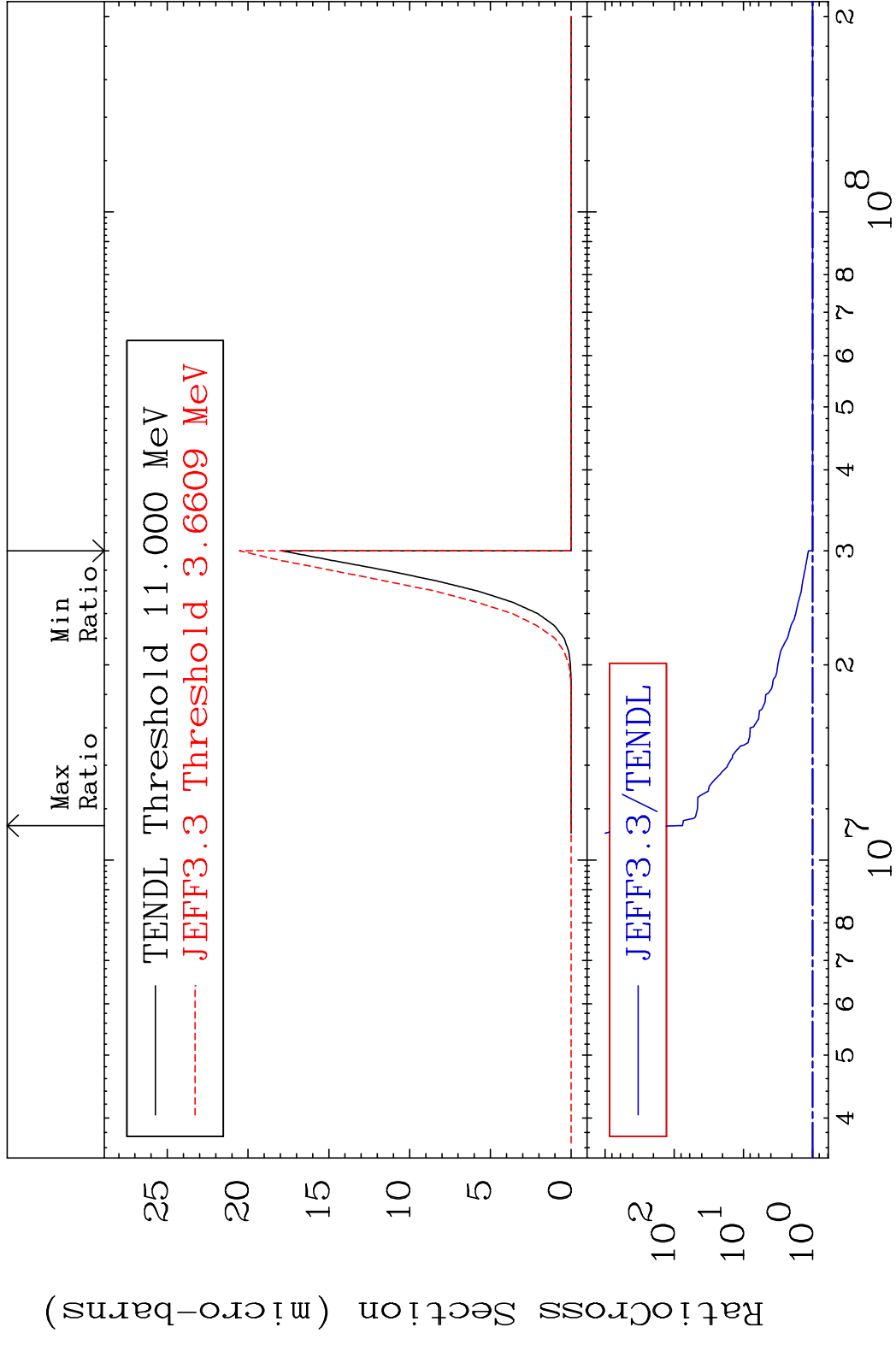


MAT 3431 (n, n') He-3:32-Ge-73m2 34-Se-76  
 Radionuclide Production Cross Section 100.00 % 99.52 %

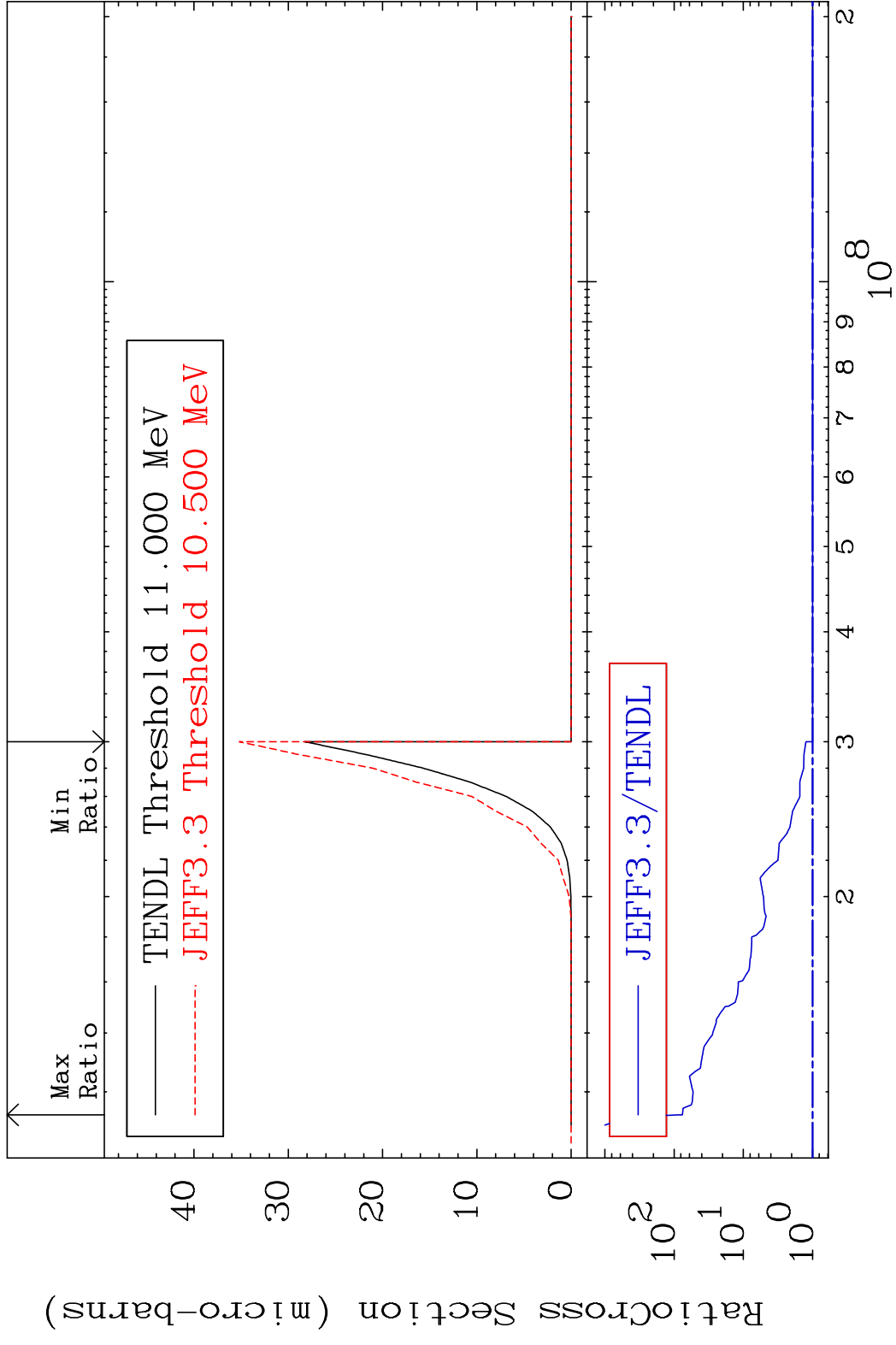




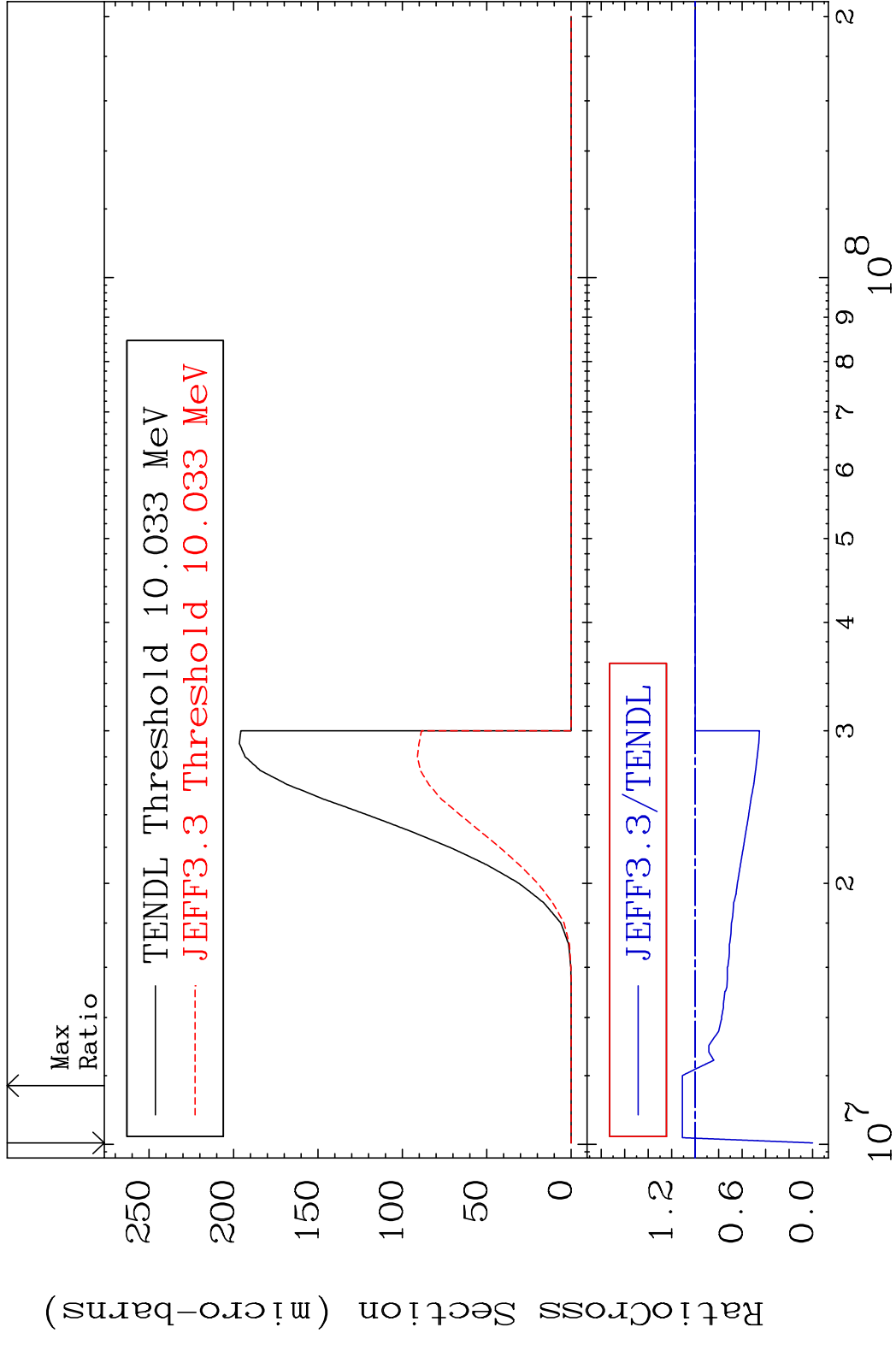
MAT 3431 (n,2α):30-Zn-69g 34-Se-76  
 Radionuclide Production Cross Section 7539. %



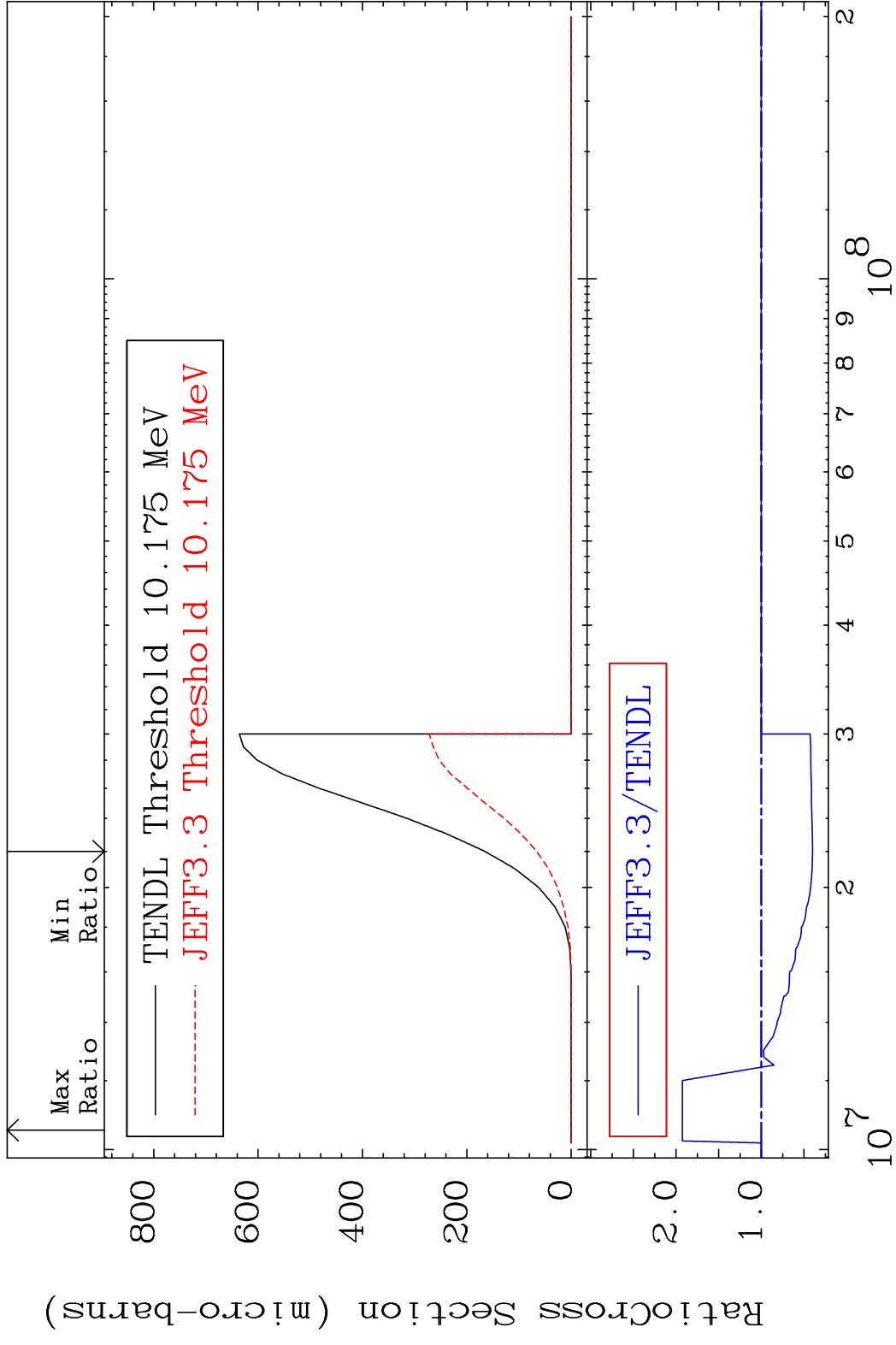
MAT 3431 (n,2α):30-Zn-69m1 34-Se-76  
 Radionuclide Production Cross Section 7514. %



MAT 3431 (n,2p) : 32-Ge-75g 34-Se-76  
 Radionuclide Production Cross Section Ratio 10.033 MeV 10.92 %



MAT 3431 (n,2p):32-Ge-75m2 34-Se-76  
 Radionuclide Production Cross Section 92.60 %



MAT 3431 (n, p) t:32-Ge-73g 34-Se-76  
 Radionuclide Production Cross Section 18.363 MeV 178.5 %

