

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

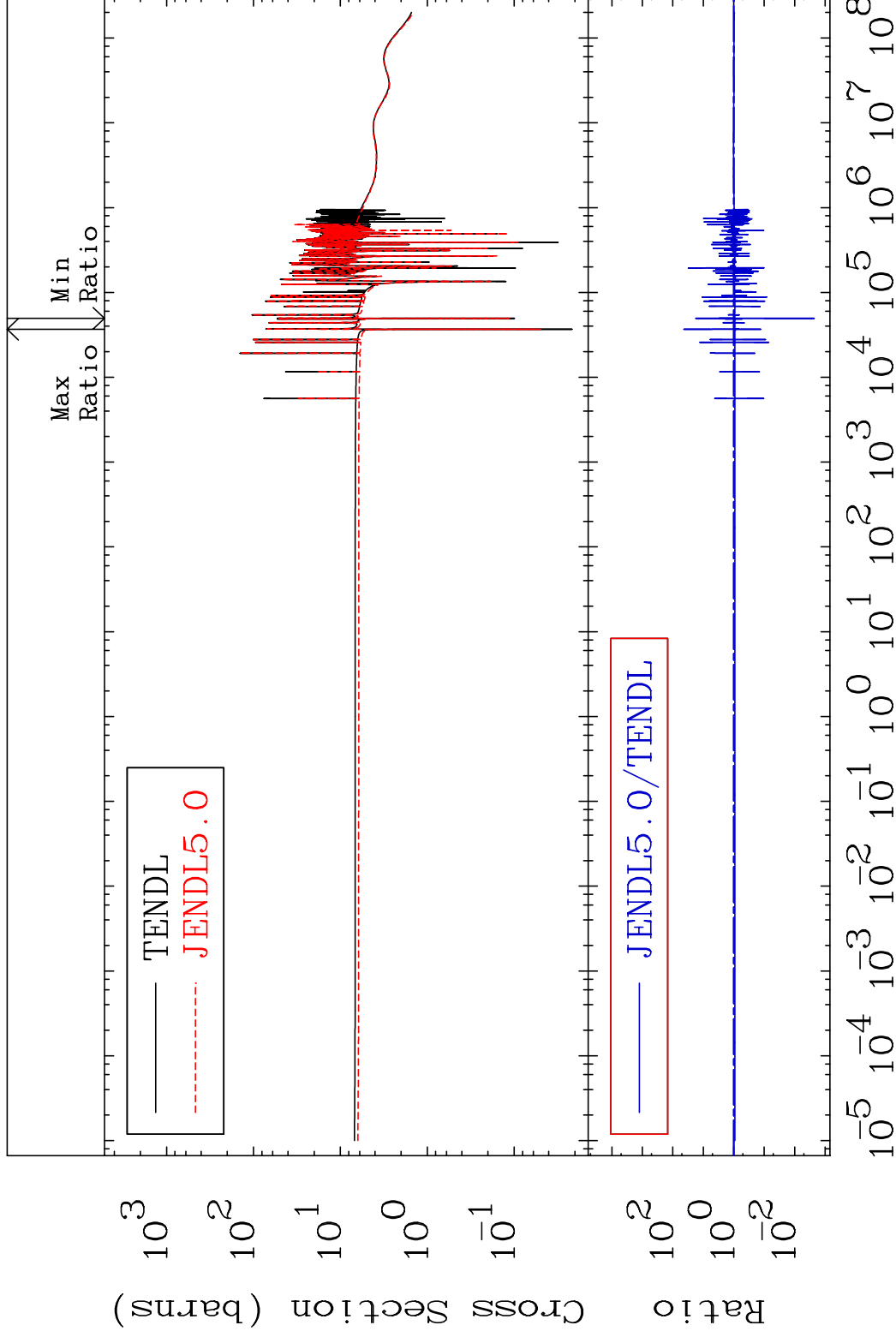
MAT 3649

Total

36-Kr-86

Cross Section

-99.77 To 4298. %



1

Incident Energy (eV)

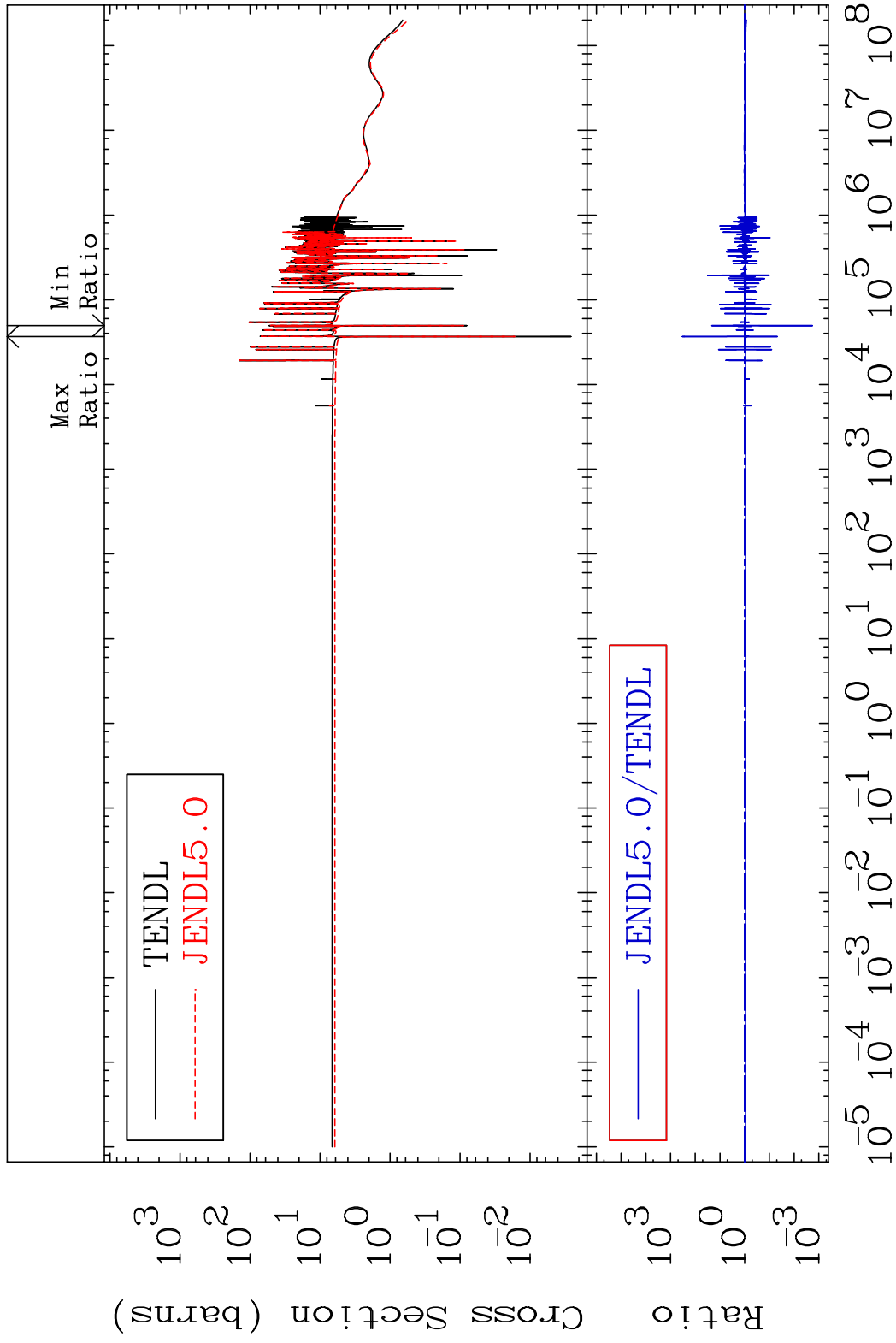
36-Kr-86

MAT 3649

Elastic

36-Kr-86

Cross Section -99.82 To 9999. %

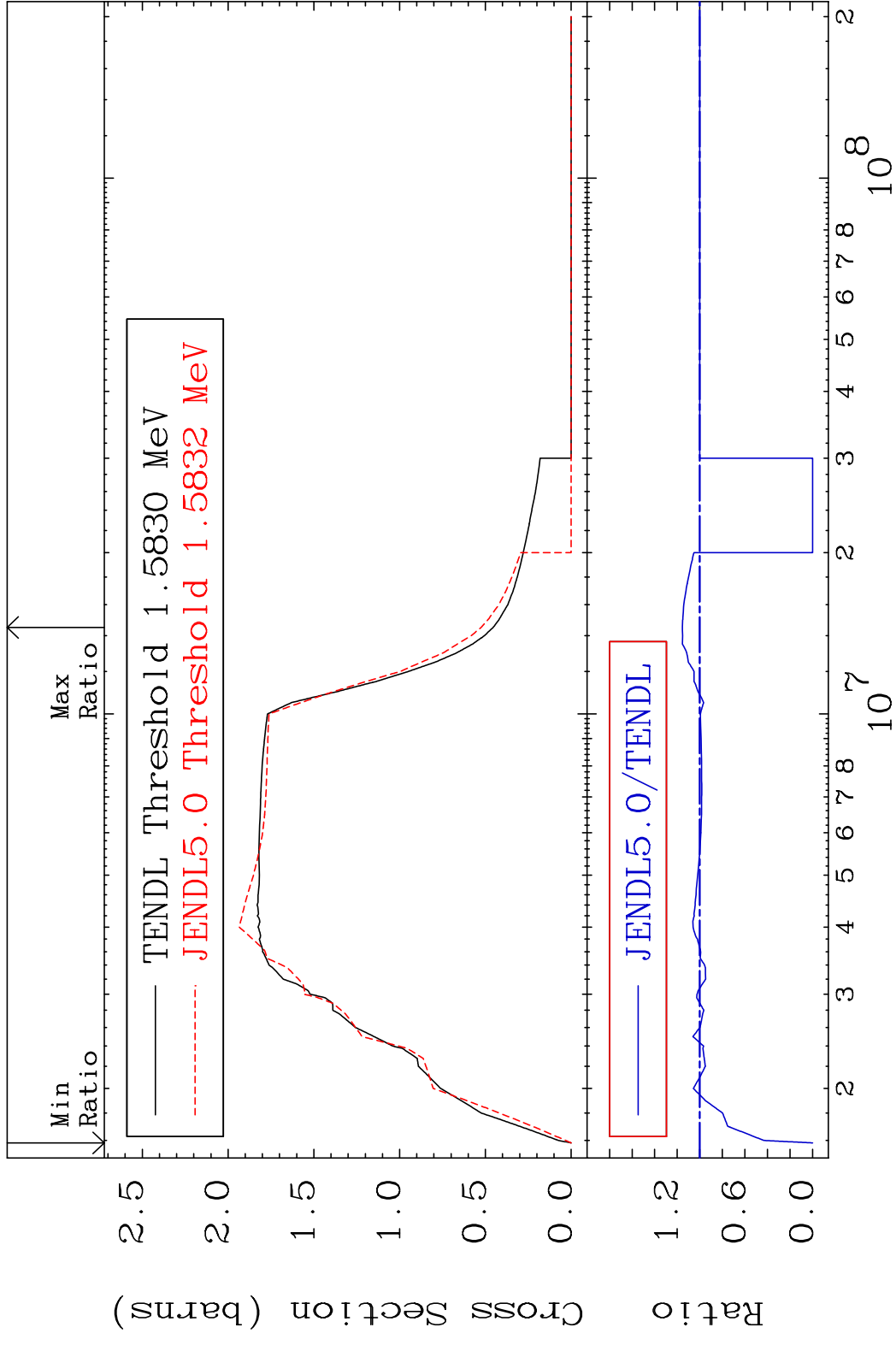


2

Incident Energy (eV)

36-Kr-86

MAT 3649 Inelastic 36-Kr-86  
 Cross Section -100.0 To 15.45 %

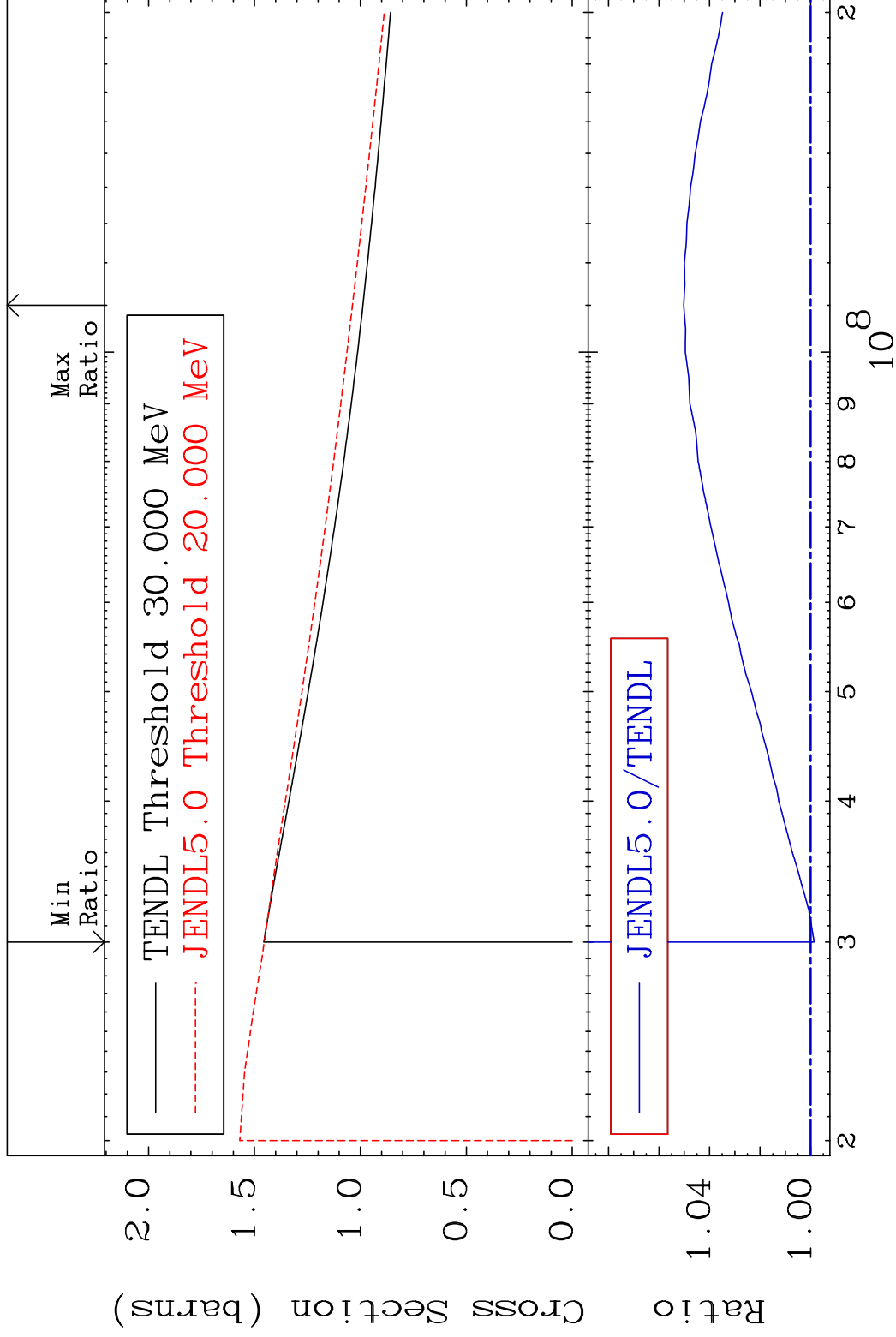


MAT 3649

(n, remainder)

36-Kr-86

Cross Section -0.138 To 5.023 %

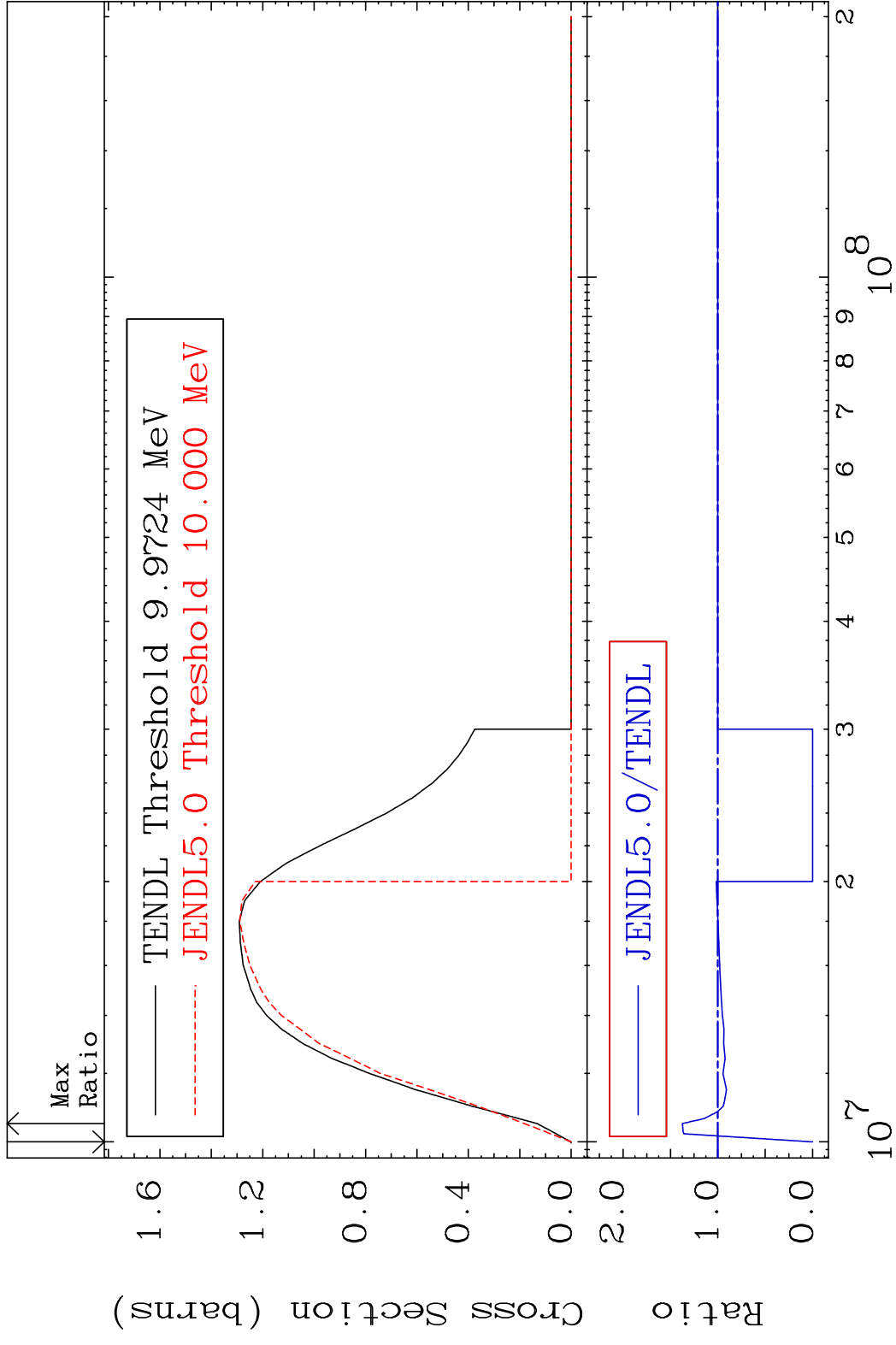


4

Incident Energy (eV)

36-Kr-86

MAT 3649 (n,2n) 36-Kr-86  
 Cross Section -100.0 To 37.41 %



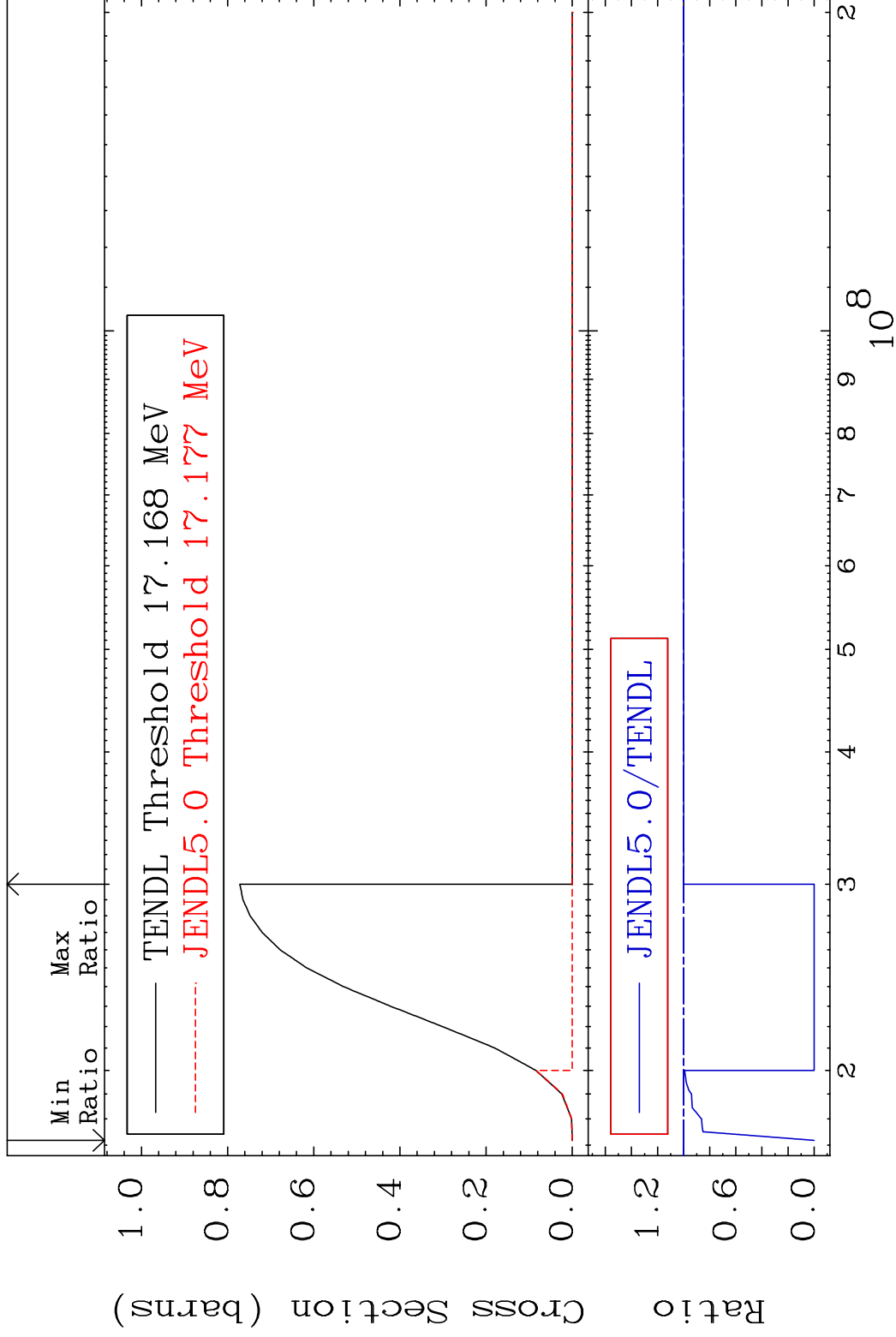
5 Incident Energy (eV) 36-Kr-86

MAT 3649

(n,3n)

36-Kr-86

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

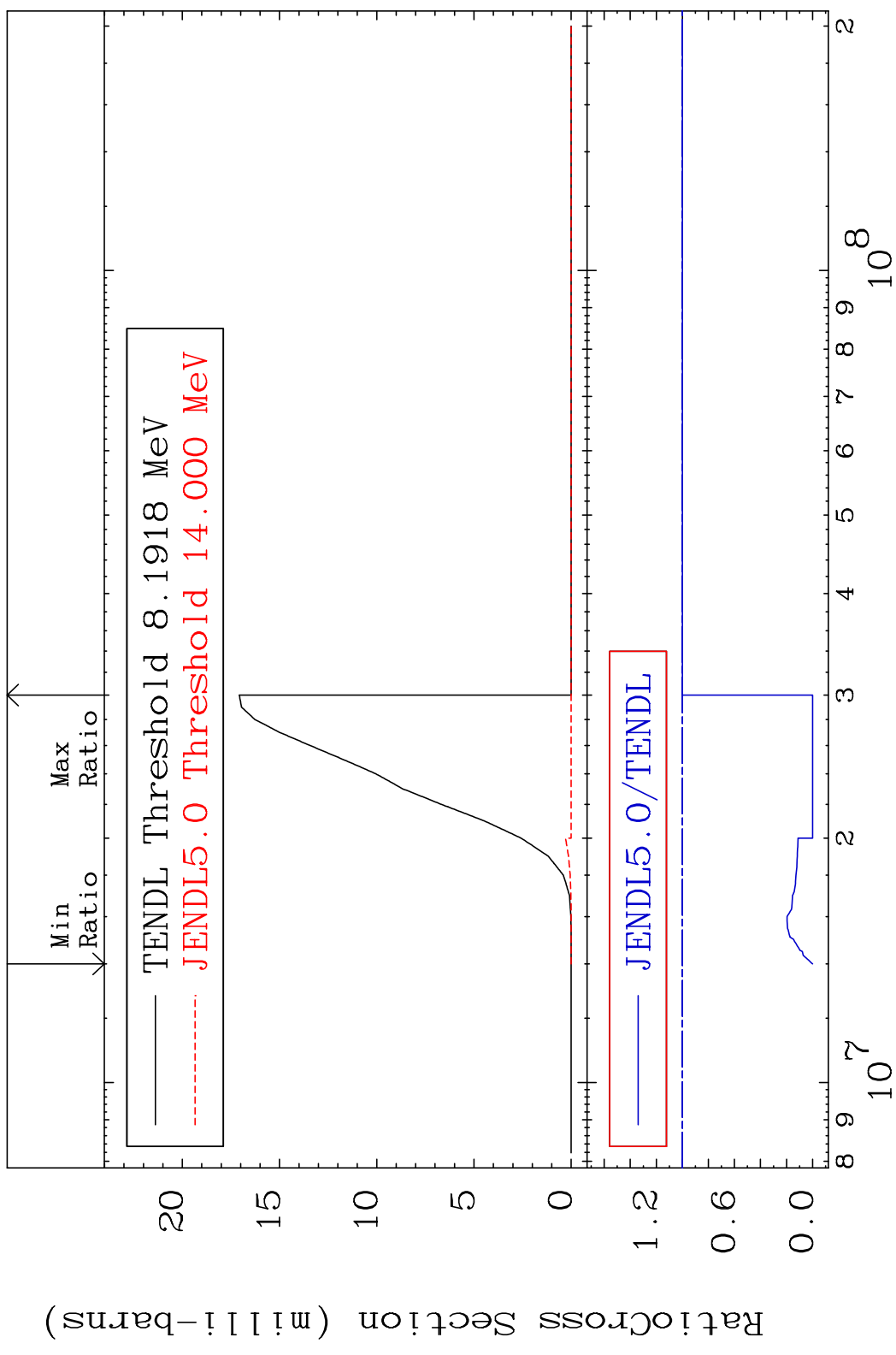
36-Kr-86

MAT 3649

(n, n')  $\alpha$

36-Kr-86

Cross Section -100.0 To 0.000 %



7

Incident Energy (eV)

36-Kr-86

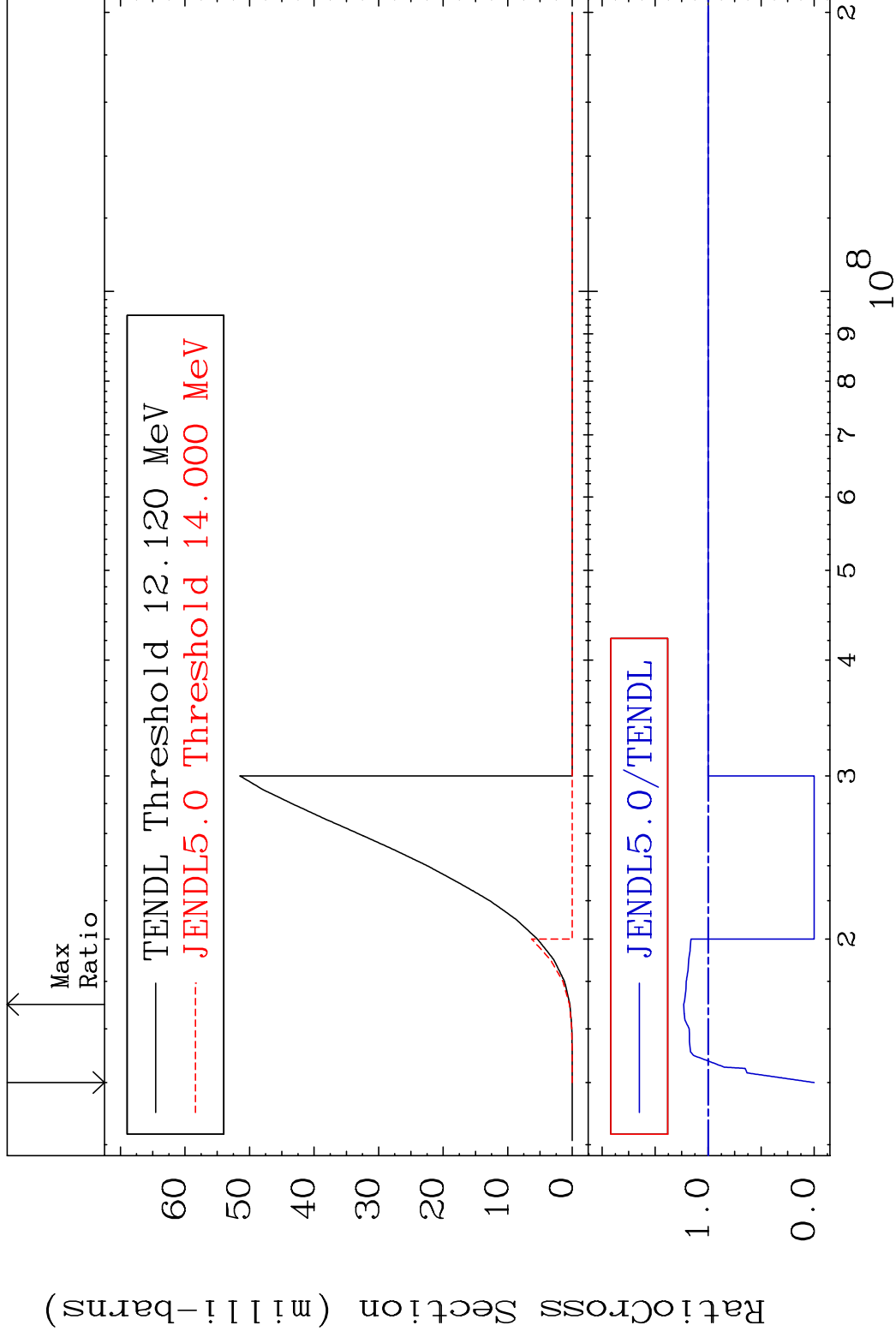


MAT 3649

(n, n') p

36-Kr-86

Cross Section -100.0 To 23.11 %

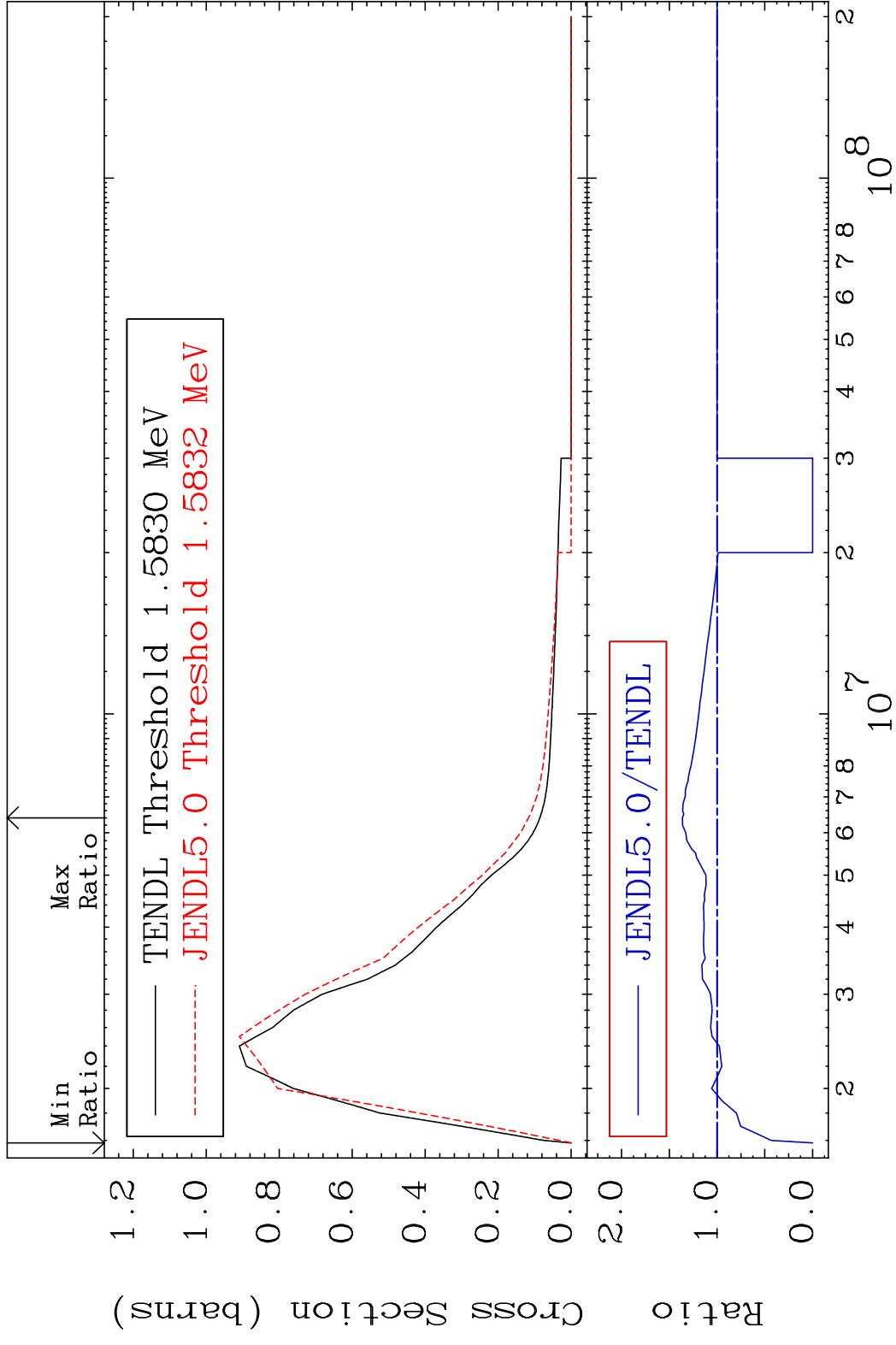


8

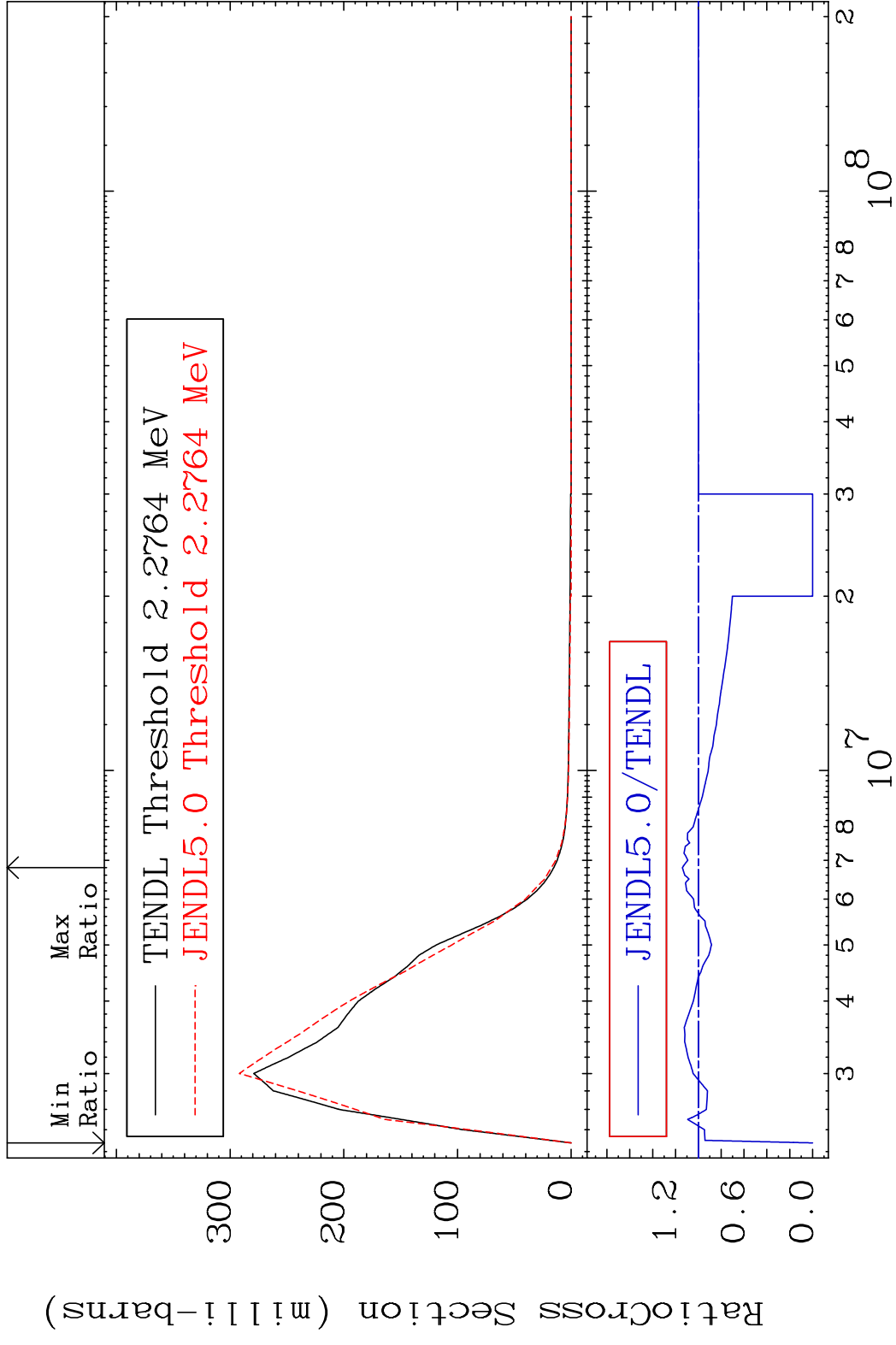
Incident Energy (eV)

36-Kr-86

MAT 3649 MT= 51 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 36.35 %

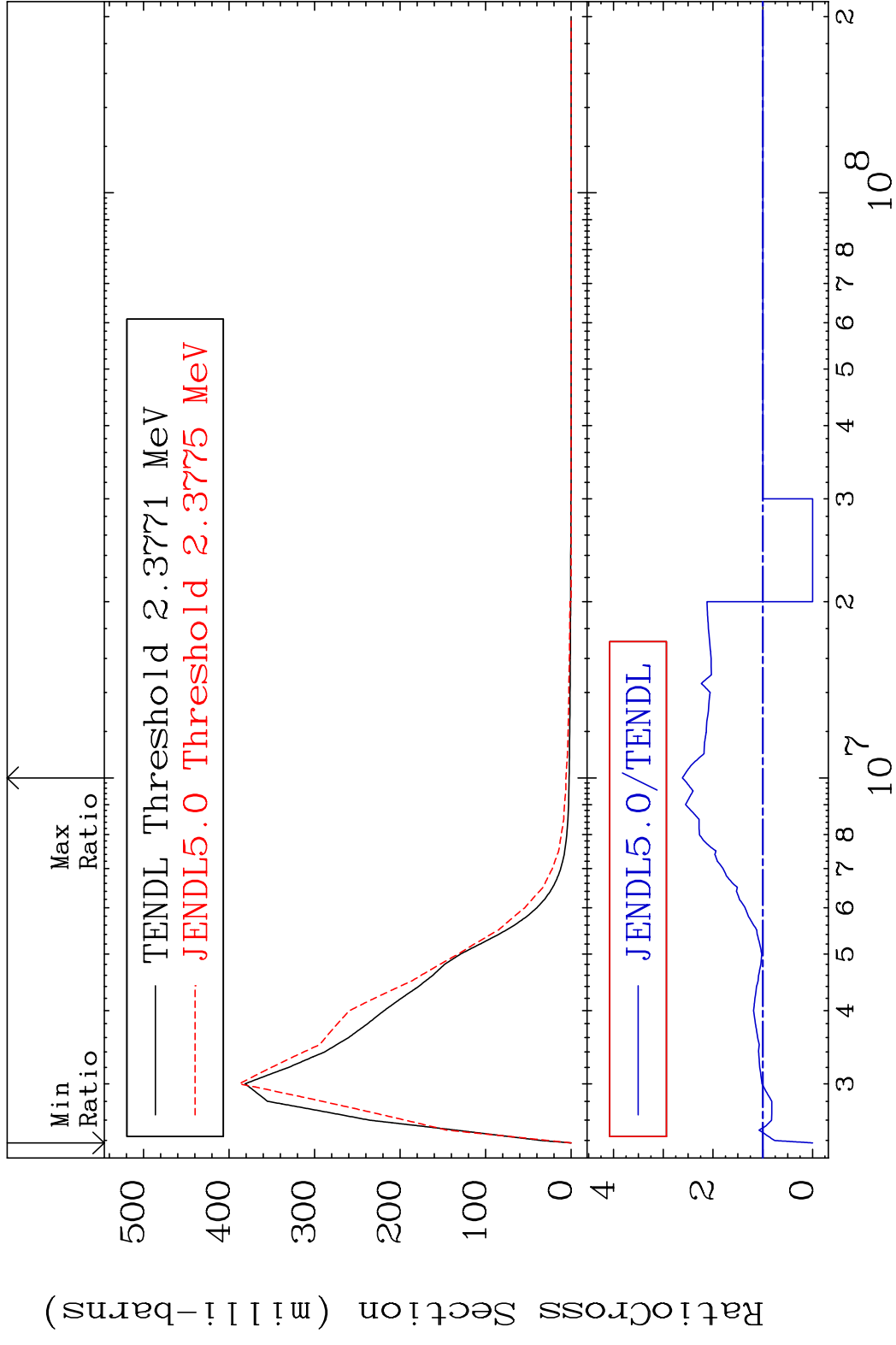


MAT 3649 MT= 52 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 13.99 %

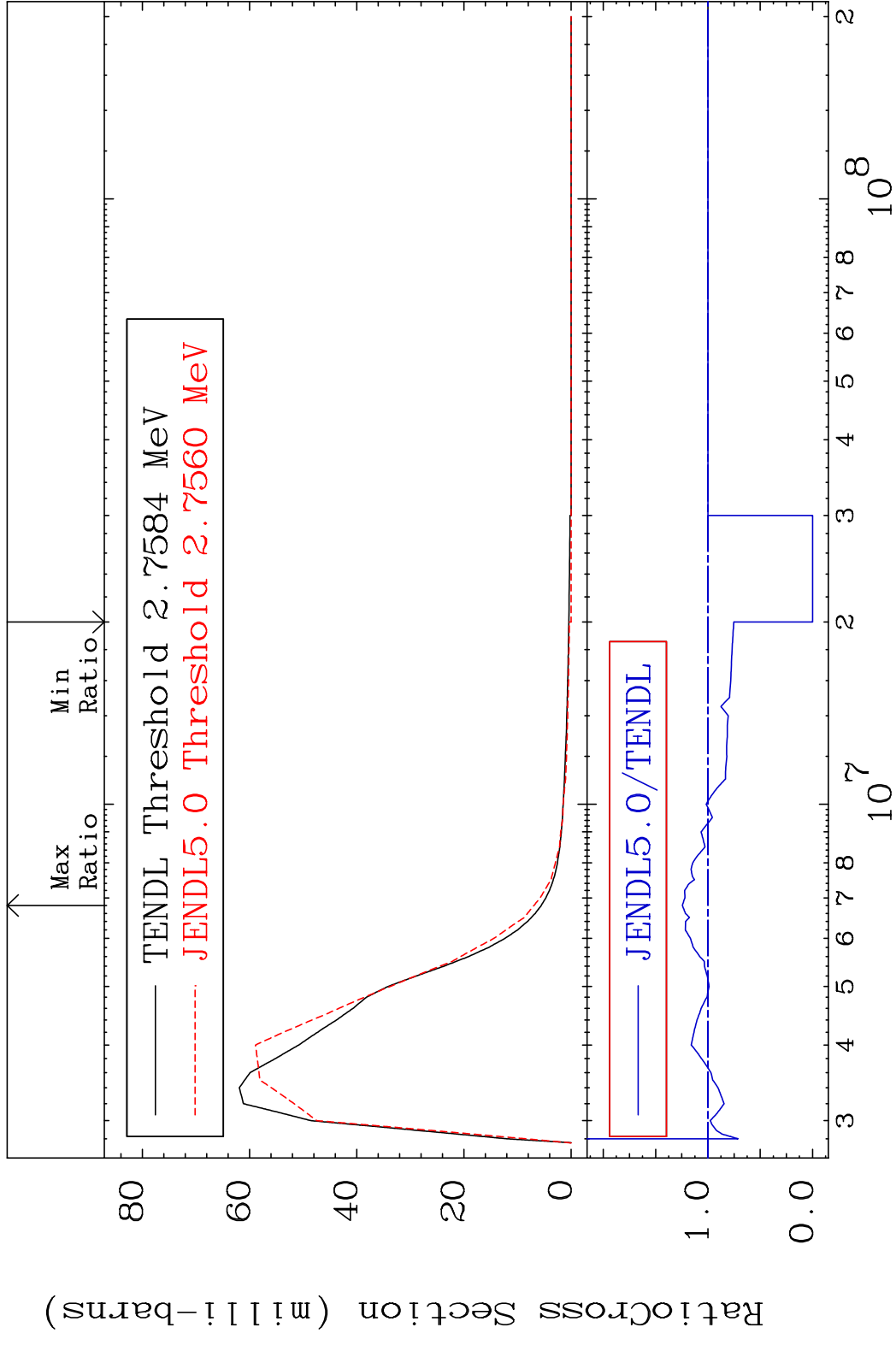


10 10 3 4 4 5 6 7 8 7 8 10 8 10 36-Kr-86

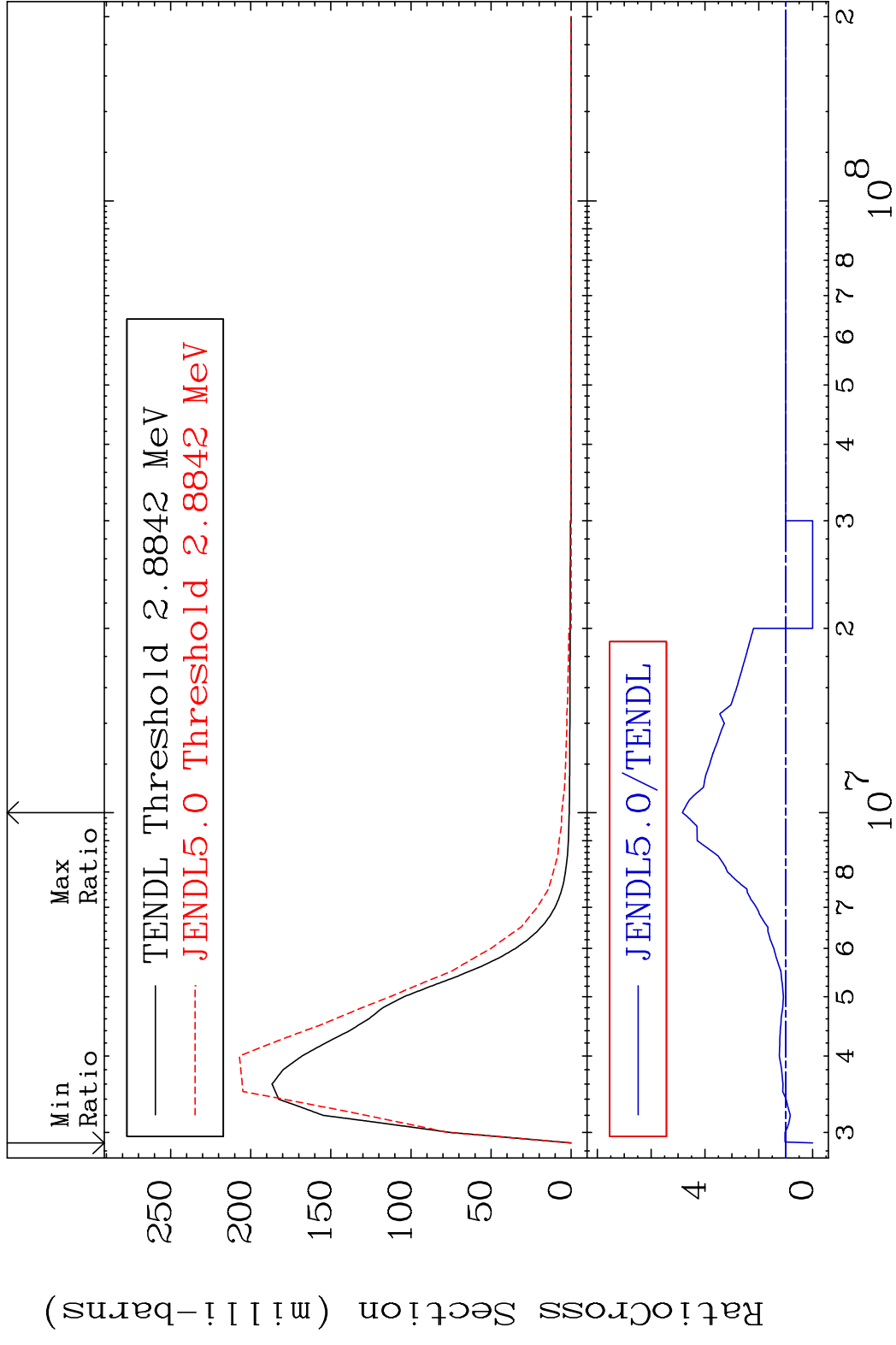
MAT 3649 MT= 53 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 161.6 %



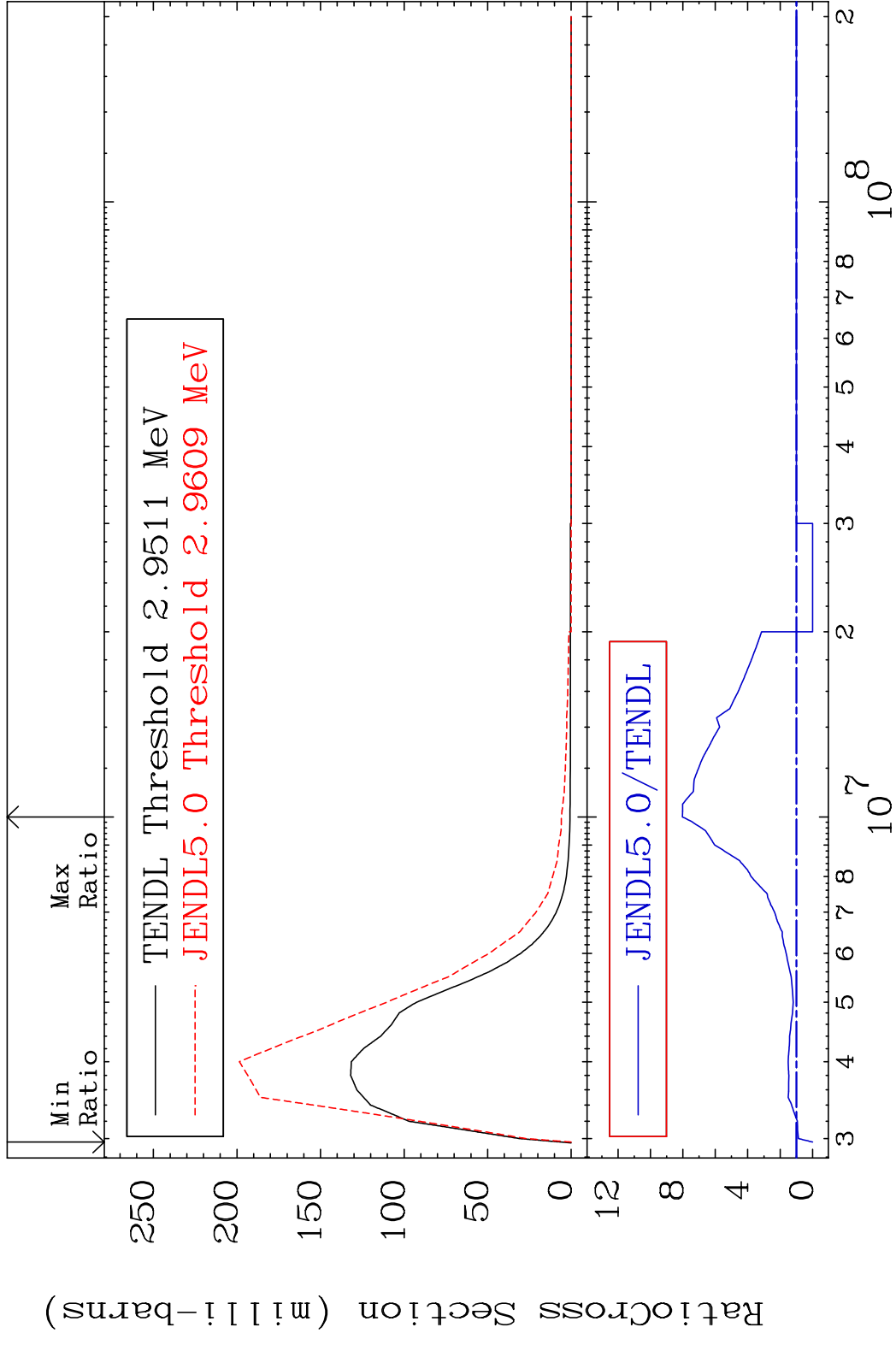
MAT 3649 MT= 54 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 24.43 %



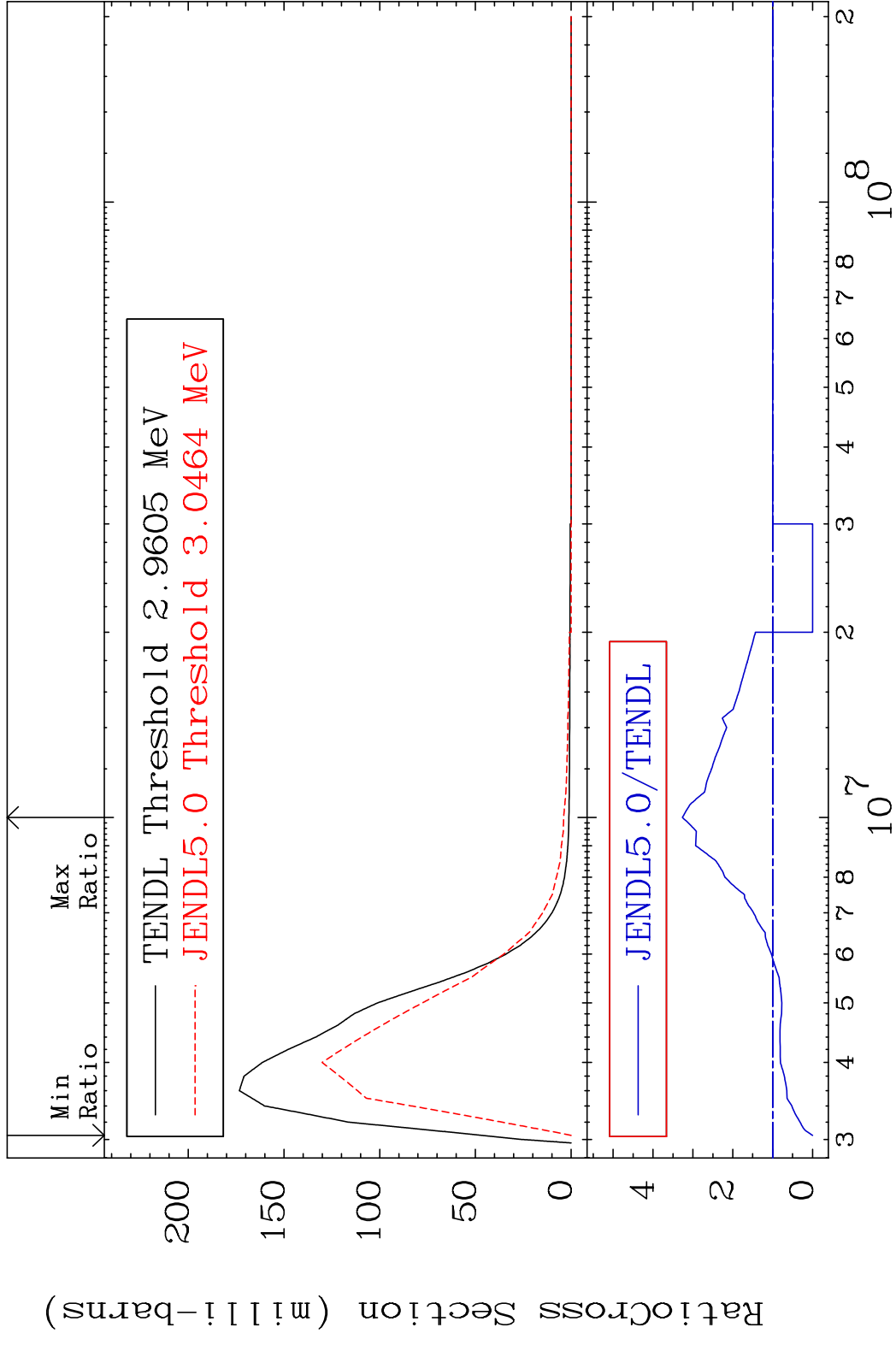
MAT 3649 MT= 55 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 383.7 %



MAT 3649 MT= 56 (n,n') Level 36-Kr-86  
 Cross Section -100.0 To 703.3 %



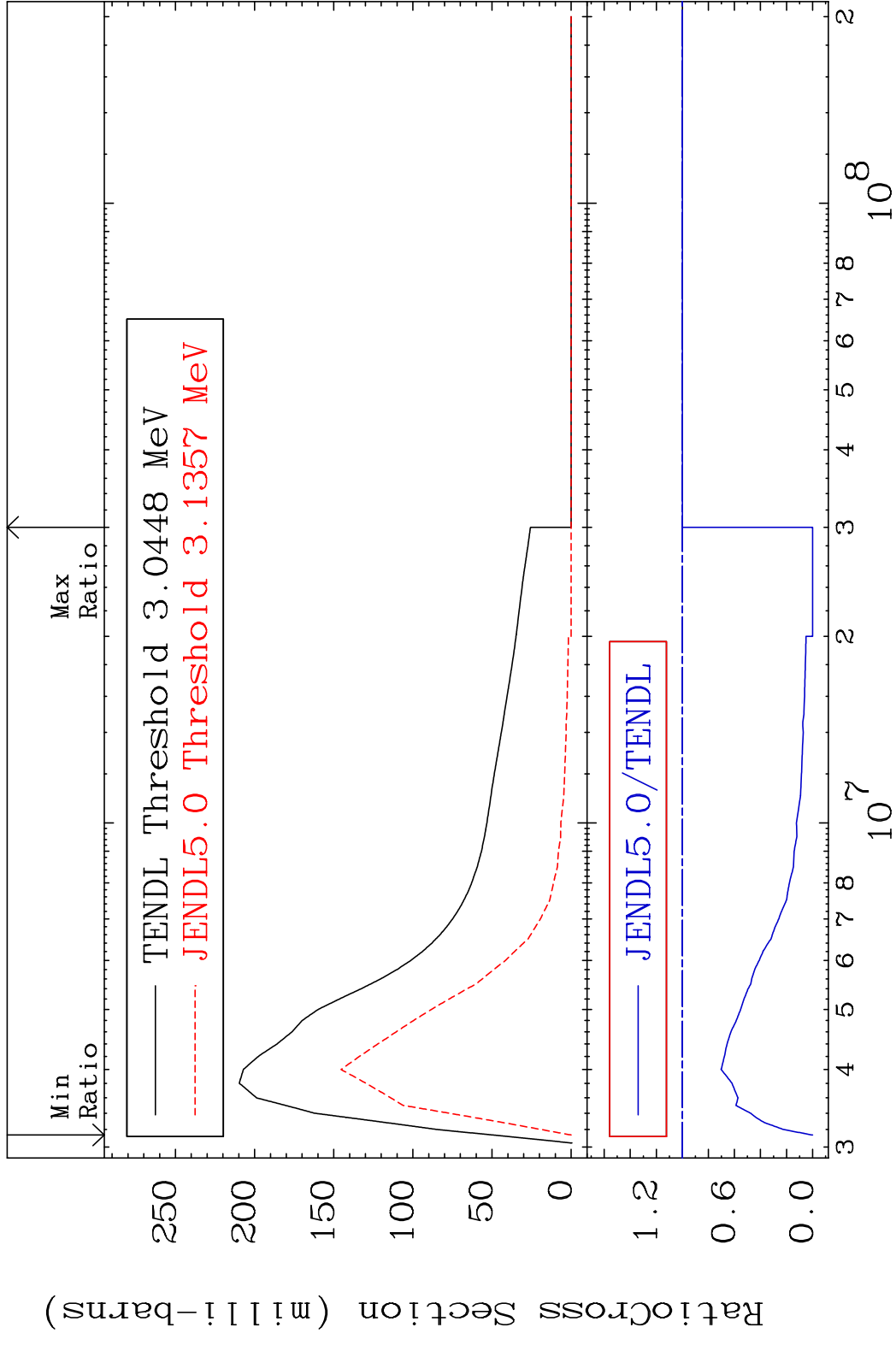
MAT 3649 MT= 57 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 226.5 %



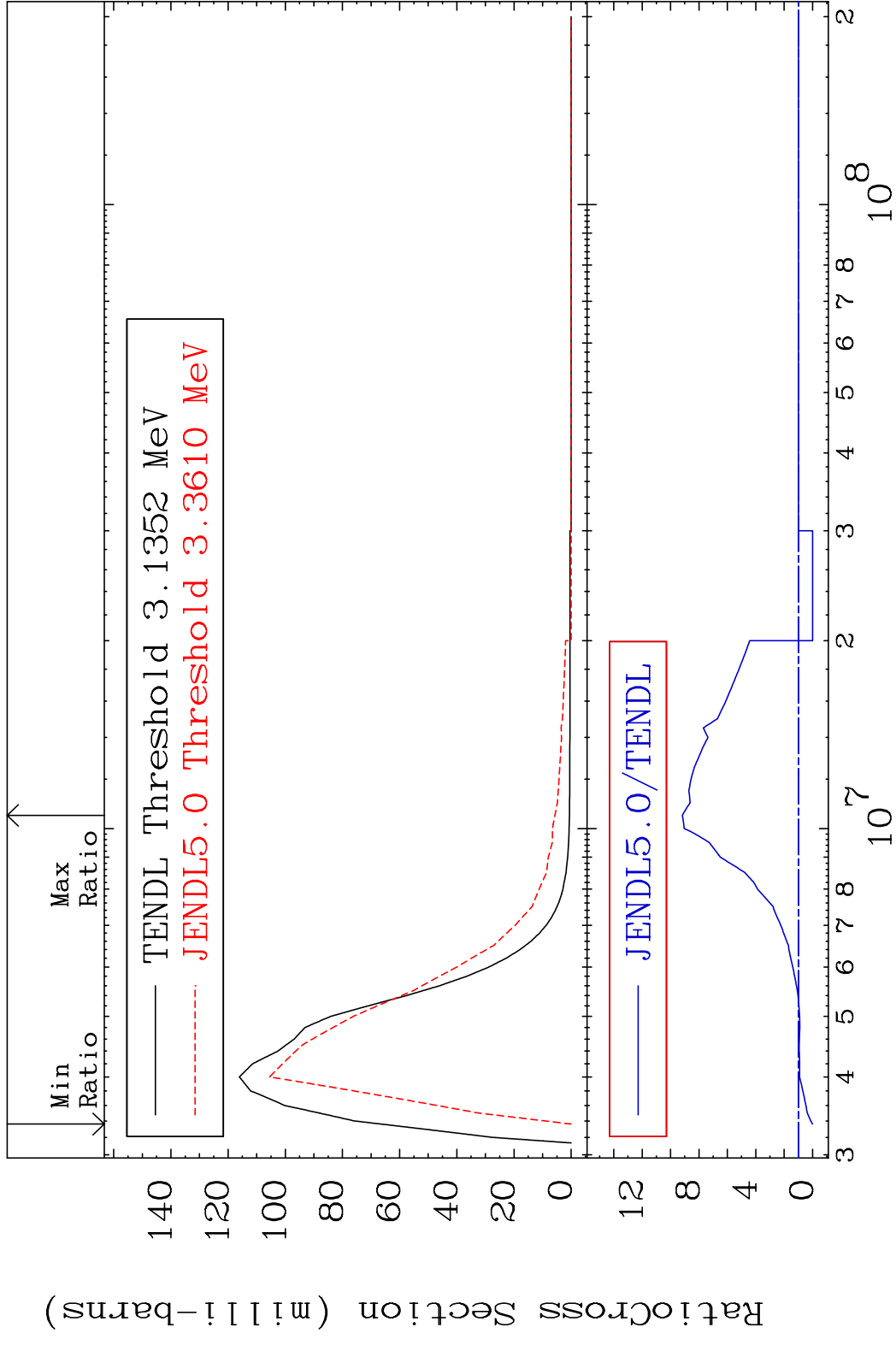
15 Incident Energy (eV) 36-Kr-86



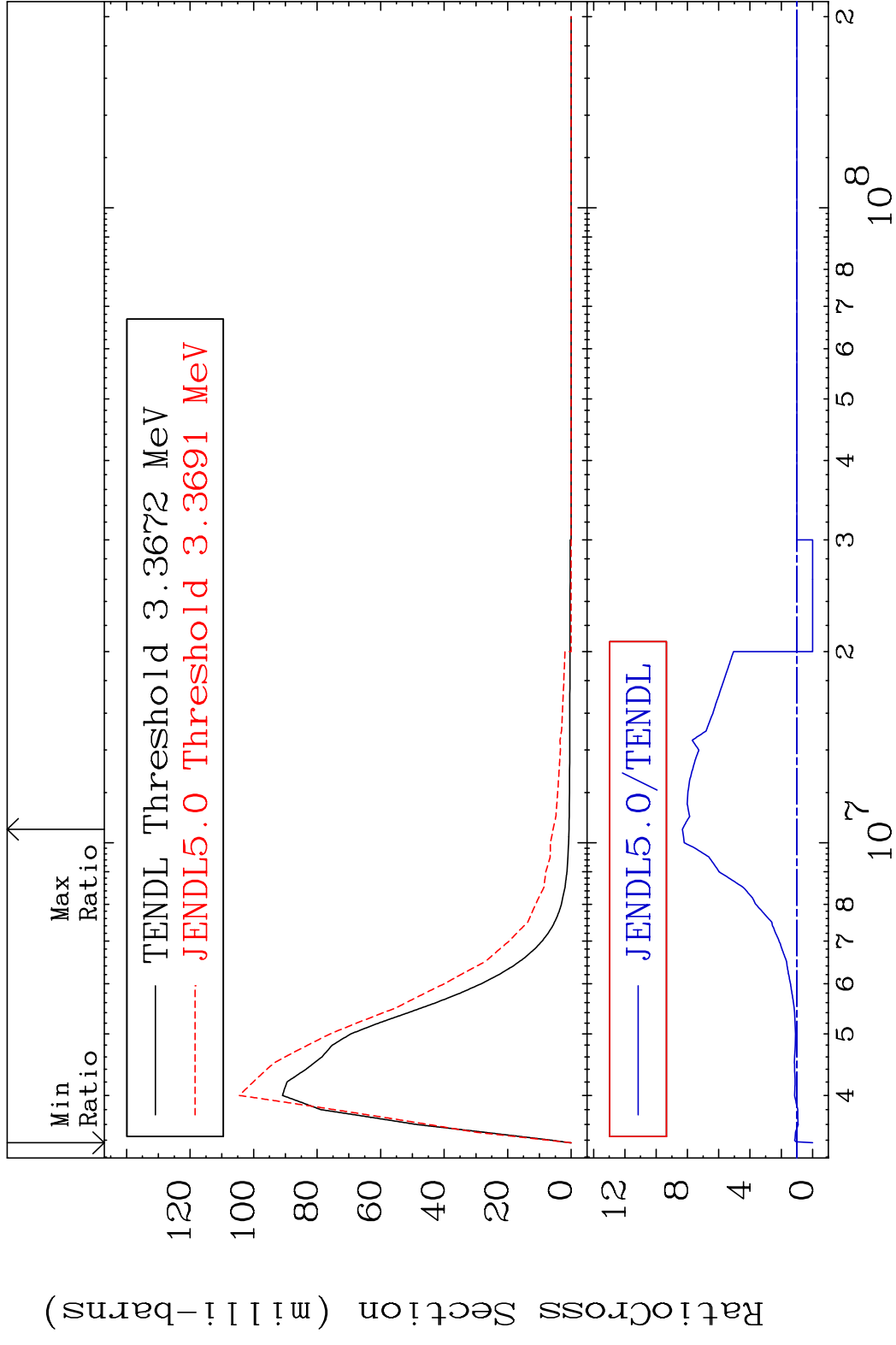
MAT 3649 MT= 58 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 0.000 %



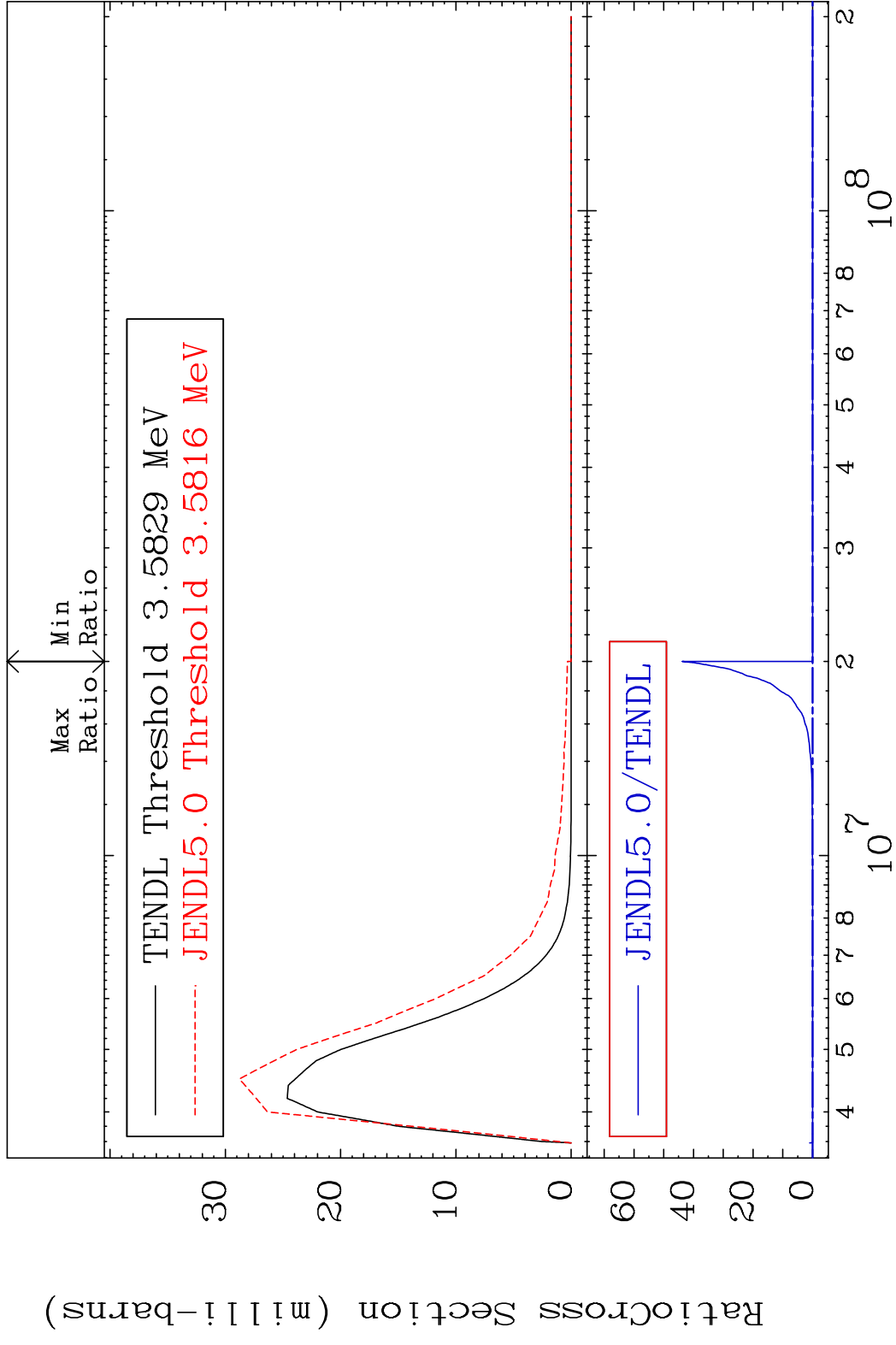
MAT 3649 MT= 59 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 816.8 %



MAT 3649 MT= 60 (n,n') Level 36-Kr-86  
 Cross Section -100.0 To 732.4 %

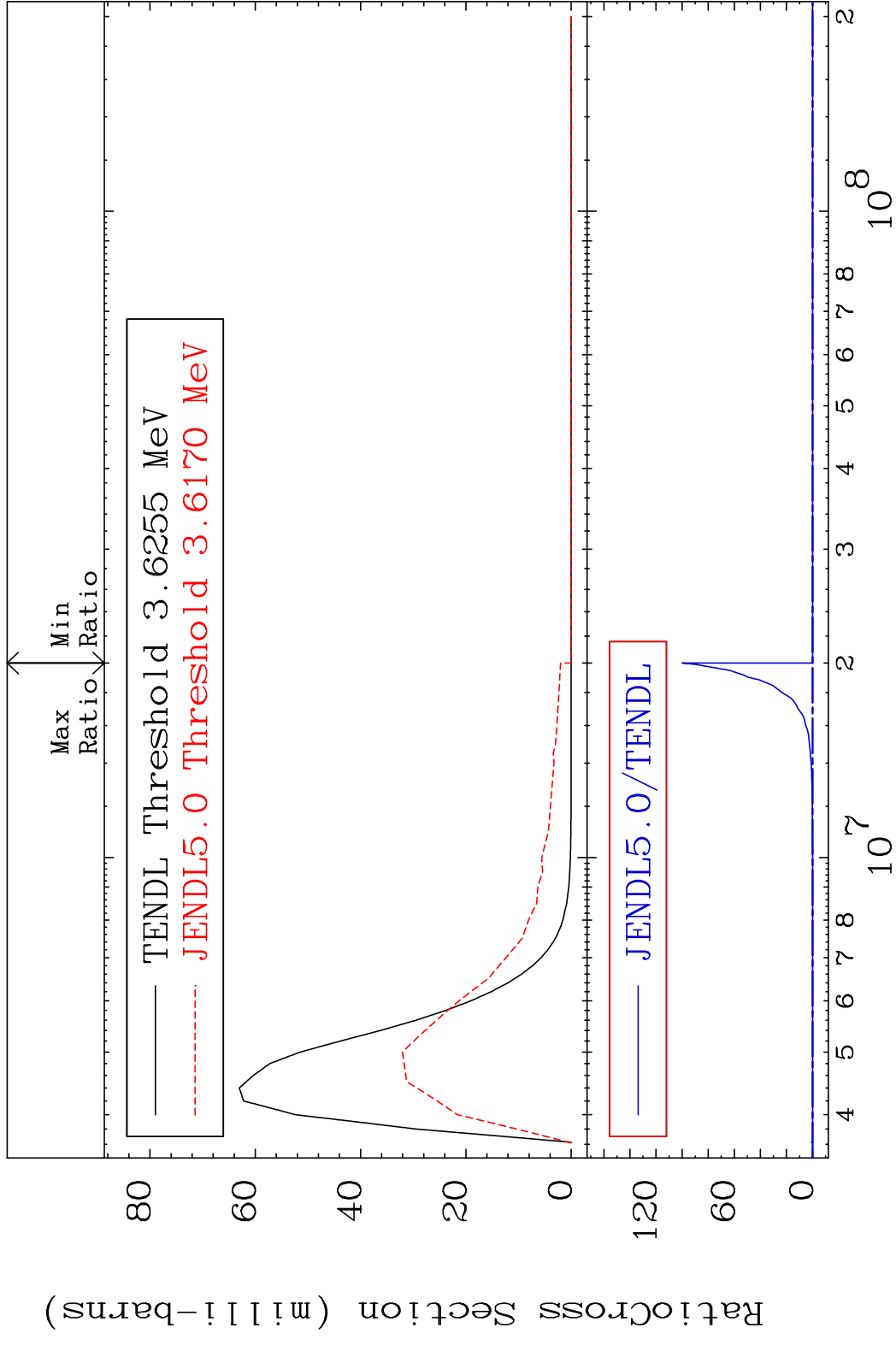


MAT 3649 MT= 61 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 9999. %



19 Incident Energy (eV) 36-Kr-86

MAT 3649 MT= 62 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 9999. %



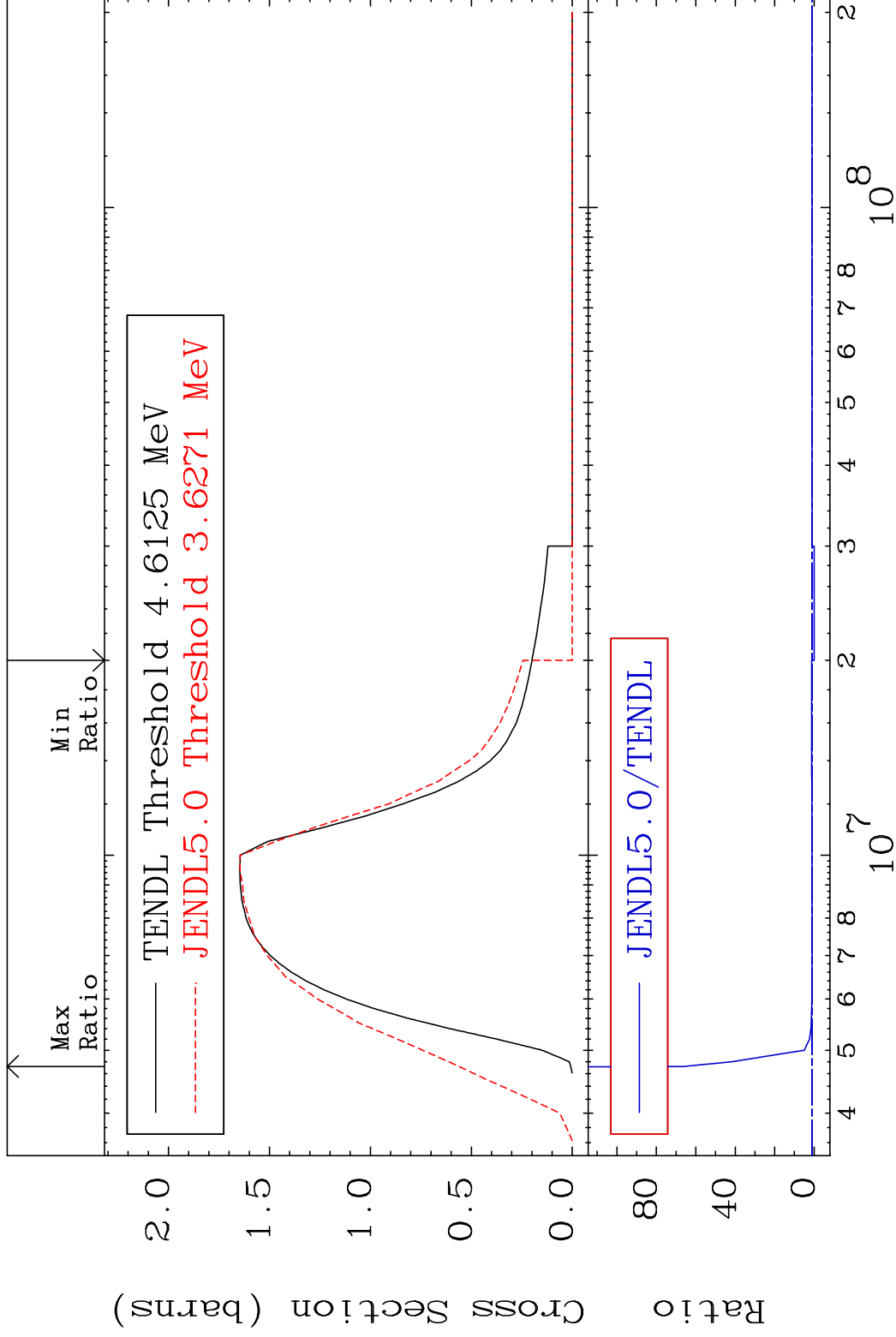
20 Incident Energy (eV) 36-Kr-86

MAT 3649

(n,n') Continuum

36-Kr-86

Cross Section -100.0 To 6515. %



21

Incident Energy (eV)

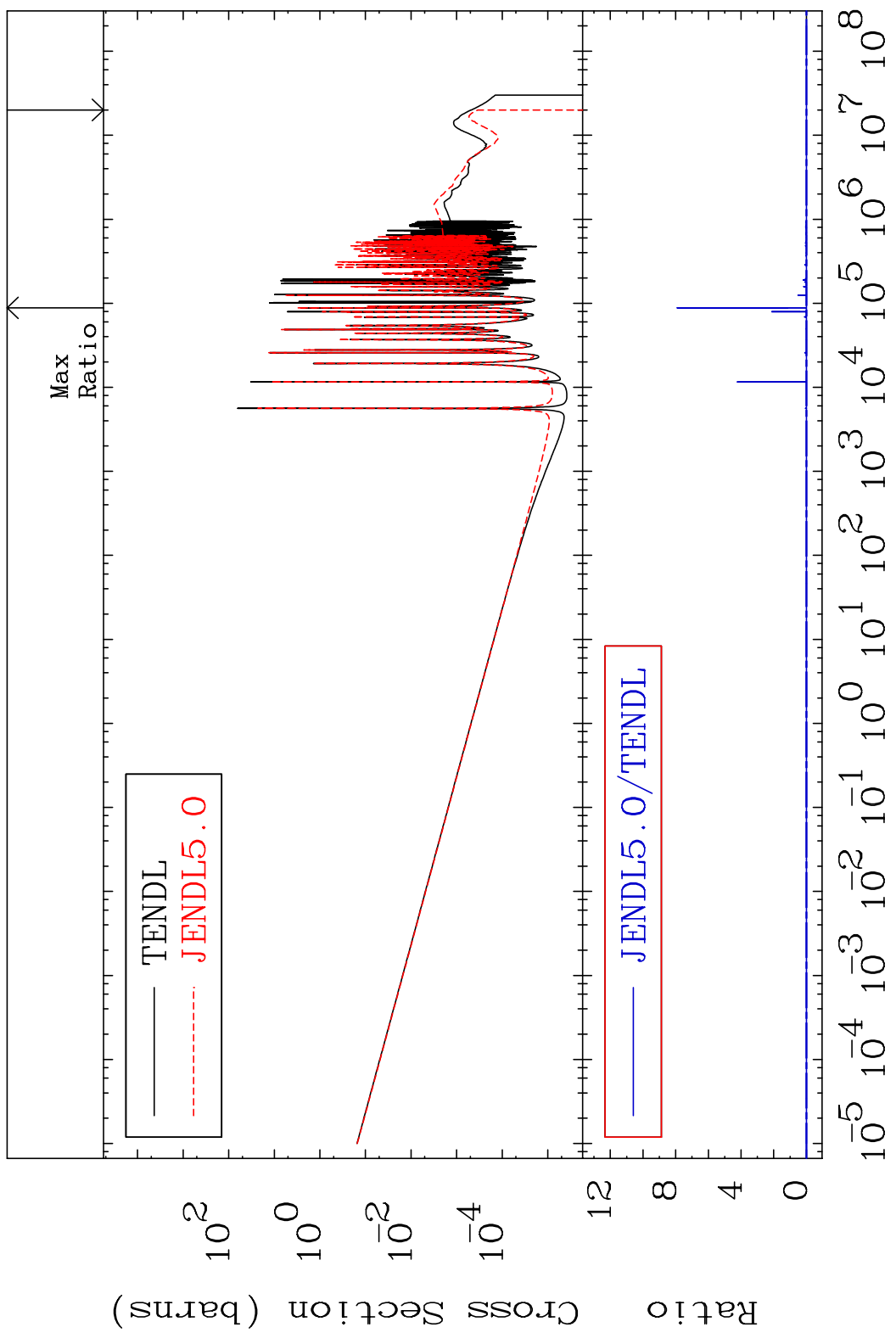
36-Kr-86

MAT 3649

(n,  $\gamma$ )

36-Kr-86

Cross Section -100.0 To 9999. %

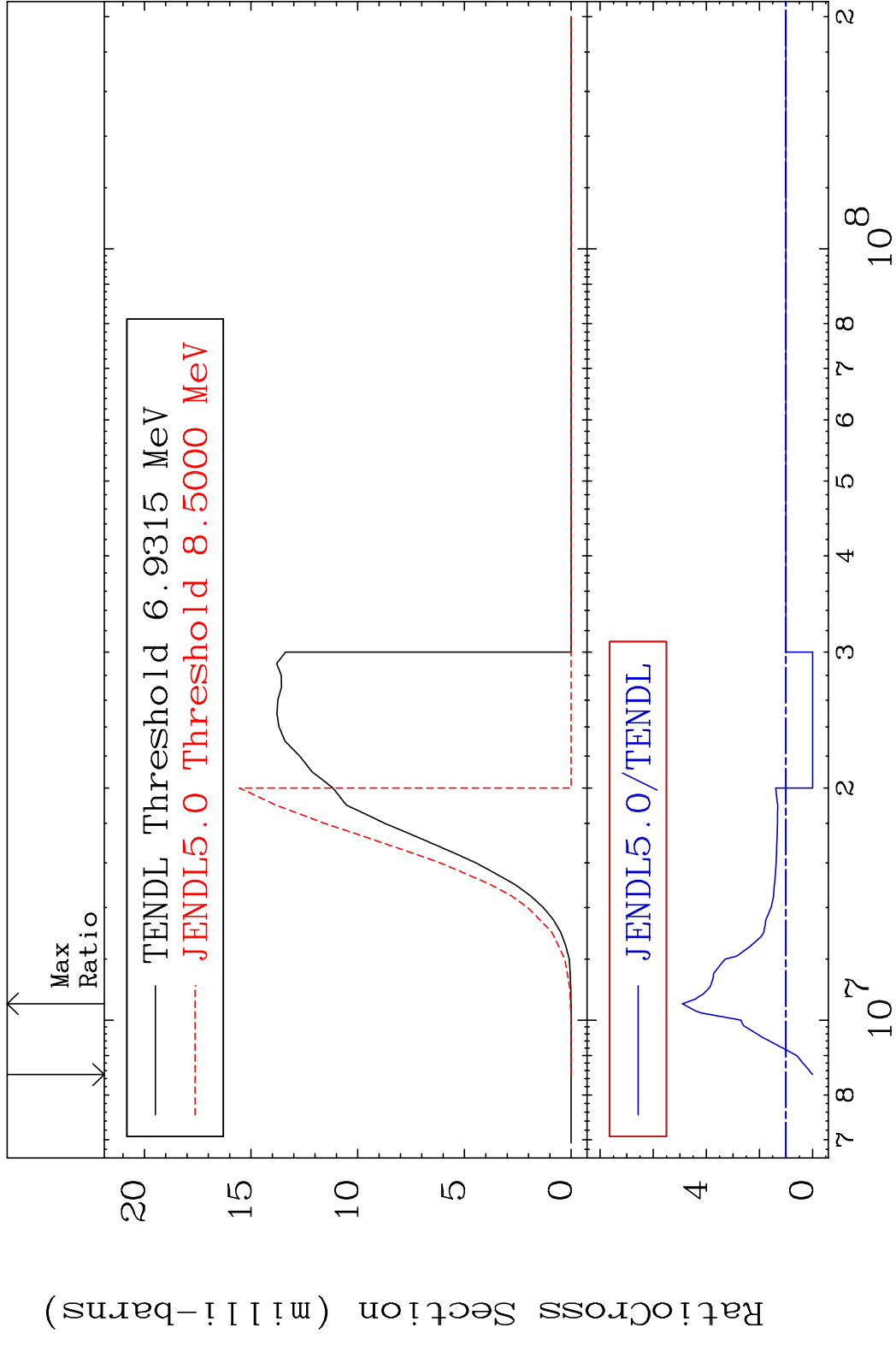


22

Incident Energy (eV)

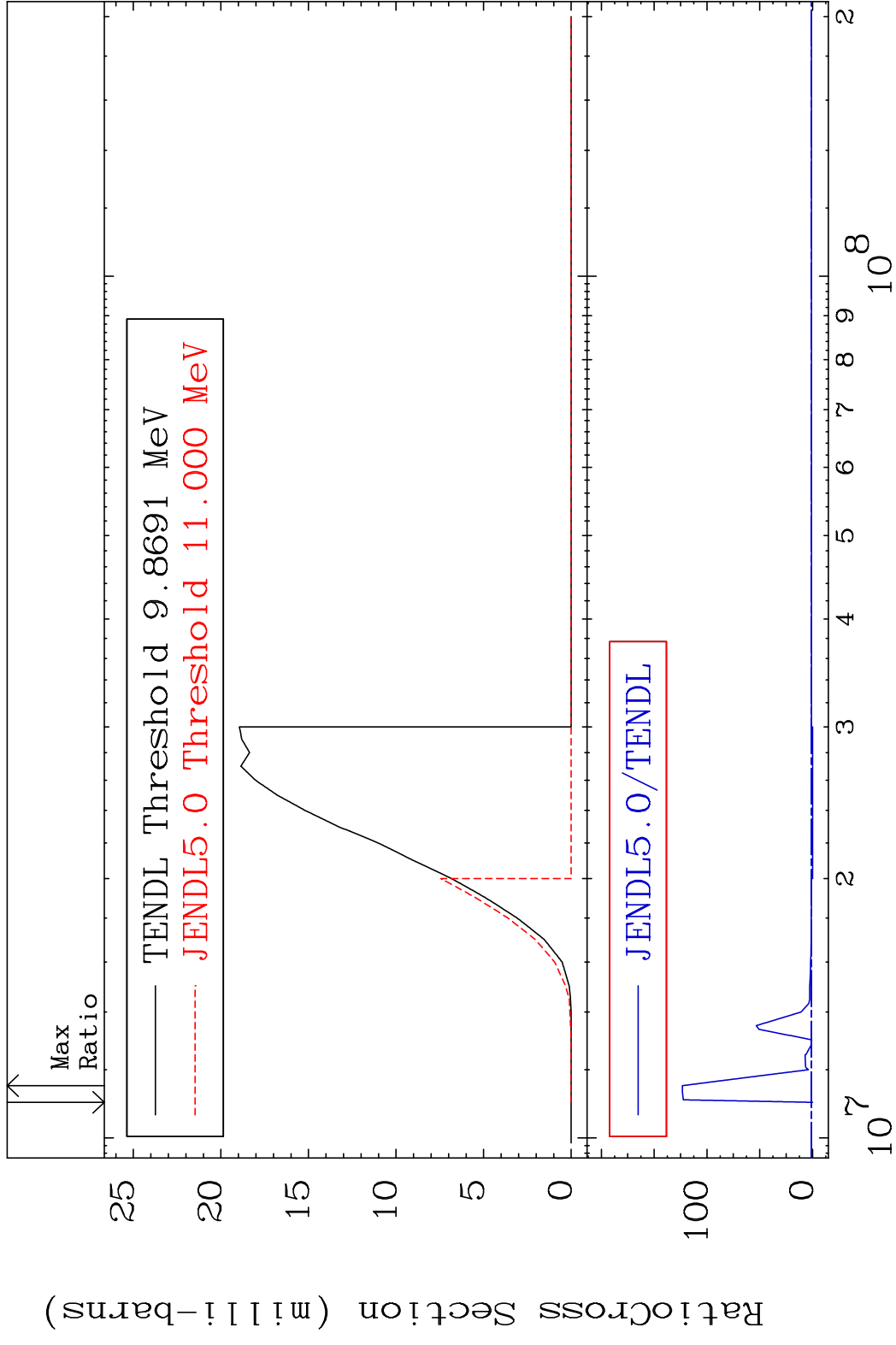
36-Kr-86

MAT 3649 (n,p) 36-Kr-86  
 Cross Section -100.0 To 390.4 %



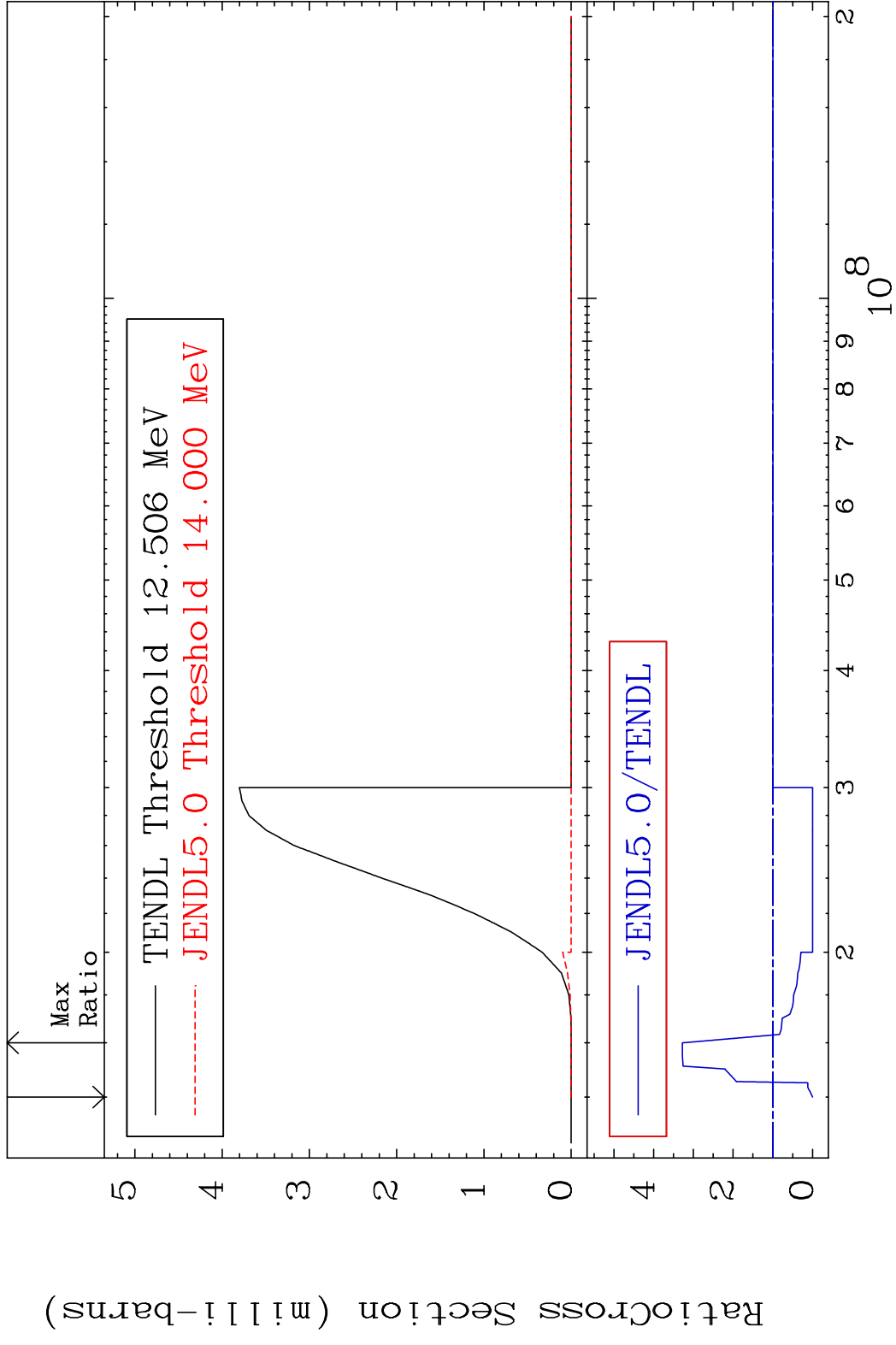


MAT 3649 (n,d) 36-Kr-86  
 Cross Section -100.0 To 9999. %



24 36-Kr-86

MAT 3649 (n, t) 36-Kr-86  
 Cross Section -100.0 To 227.7 %



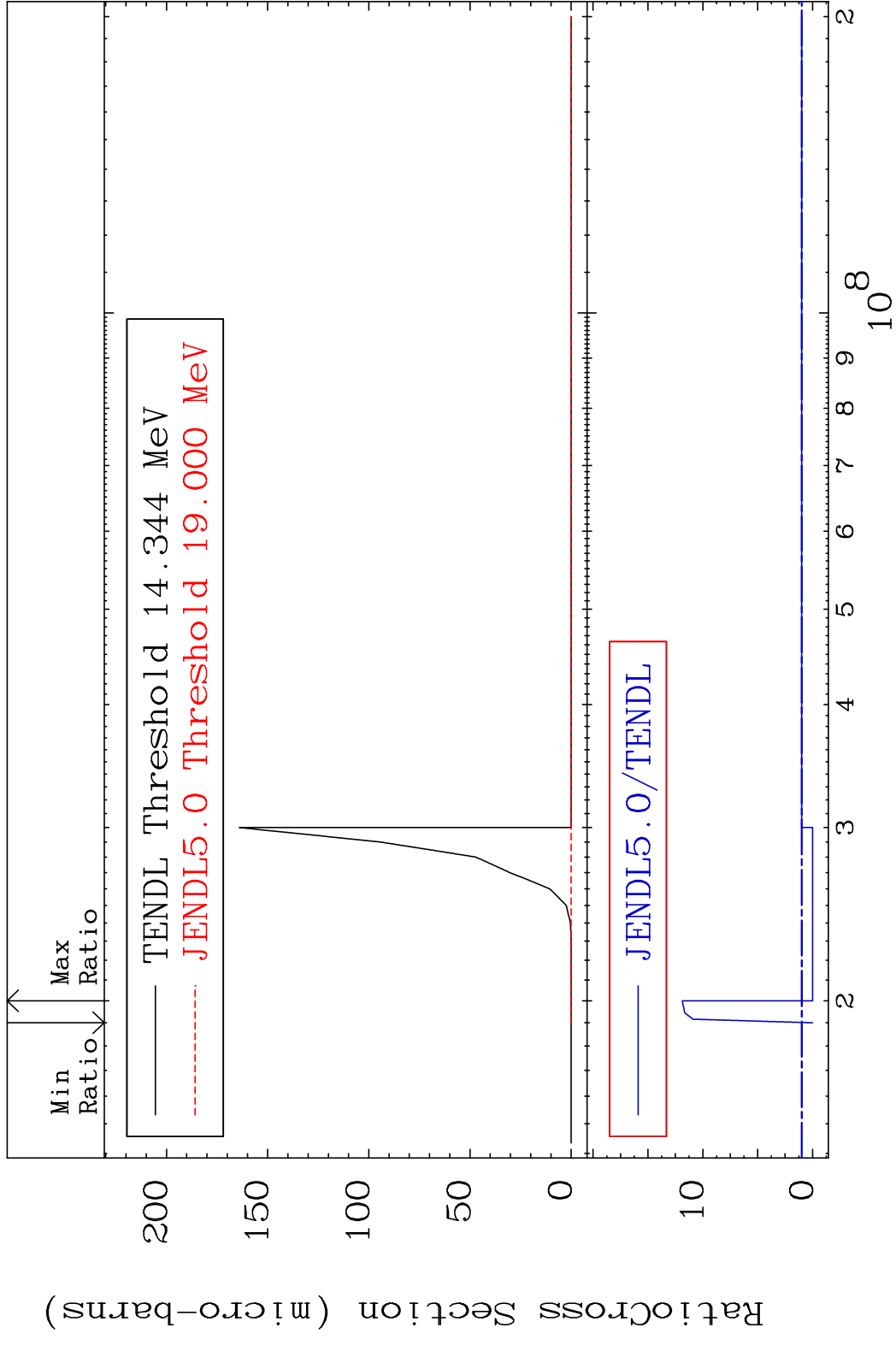
25 Incident Energy (eV) 36-Kr-86

MAT 3649

(n, He-3)

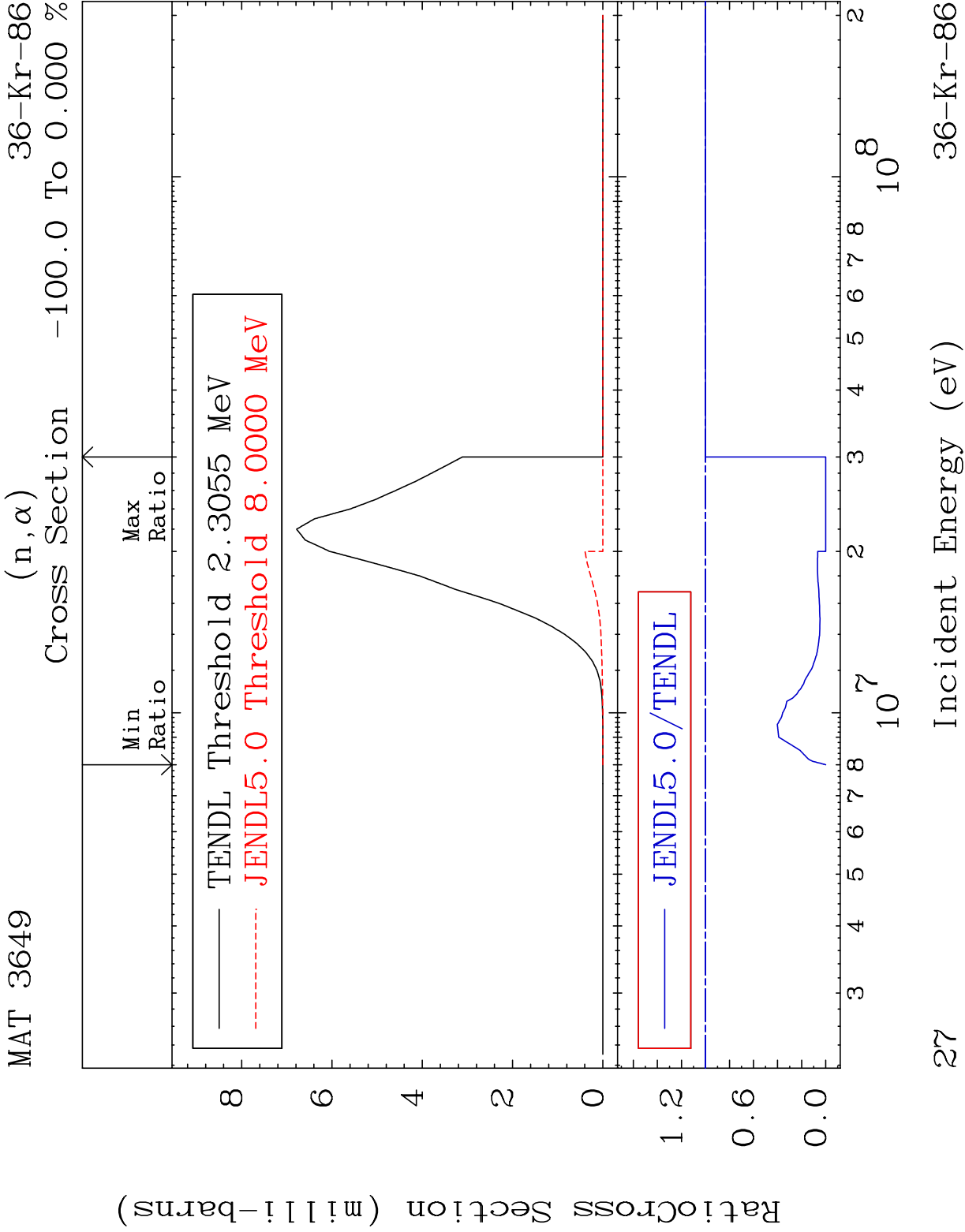
36-Kr-86

Cross Section -100.0 To 1087. %



26

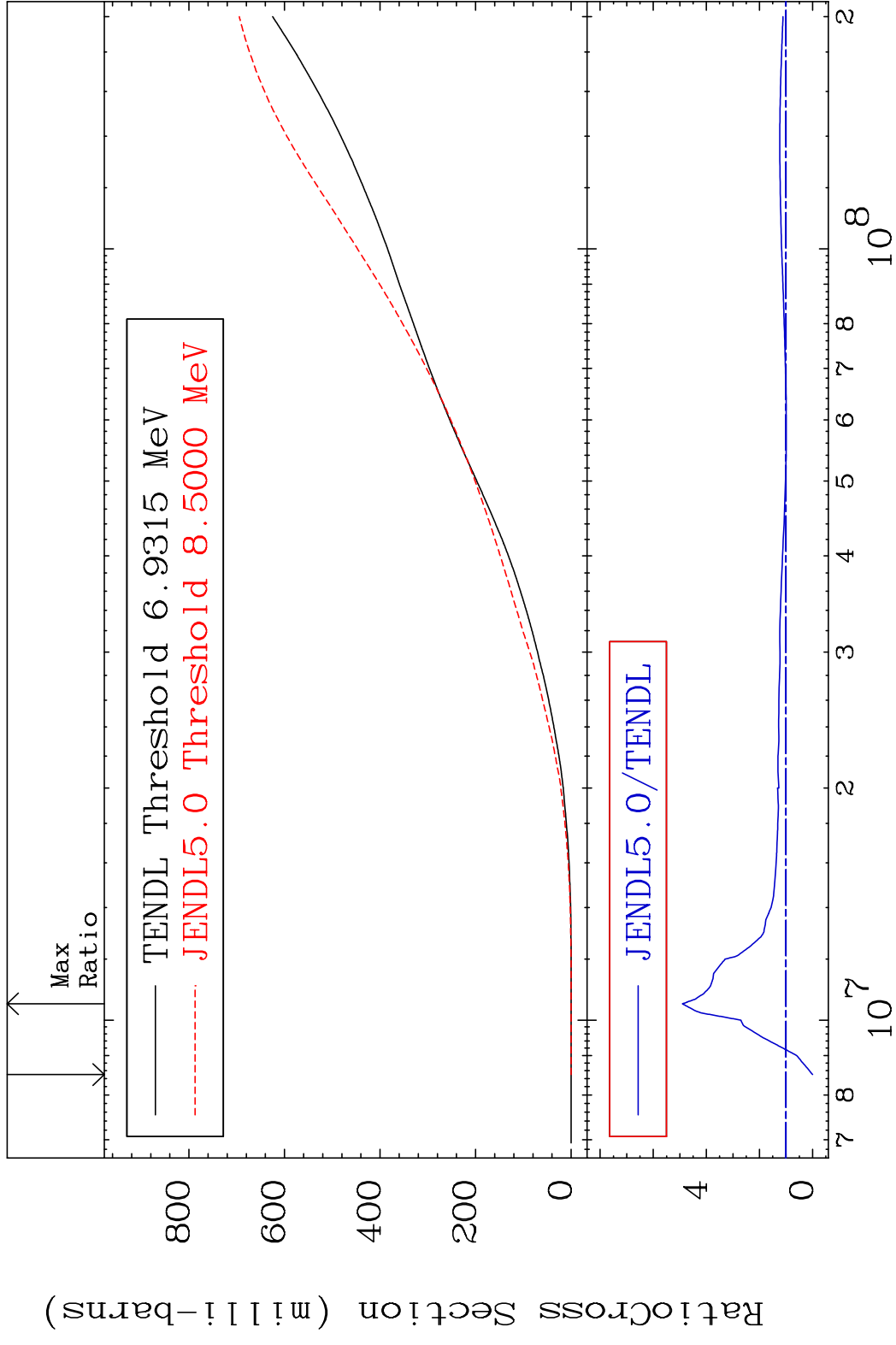
36-Kr-86



MAT 3649

Hydrogen Production 36-Kr-86

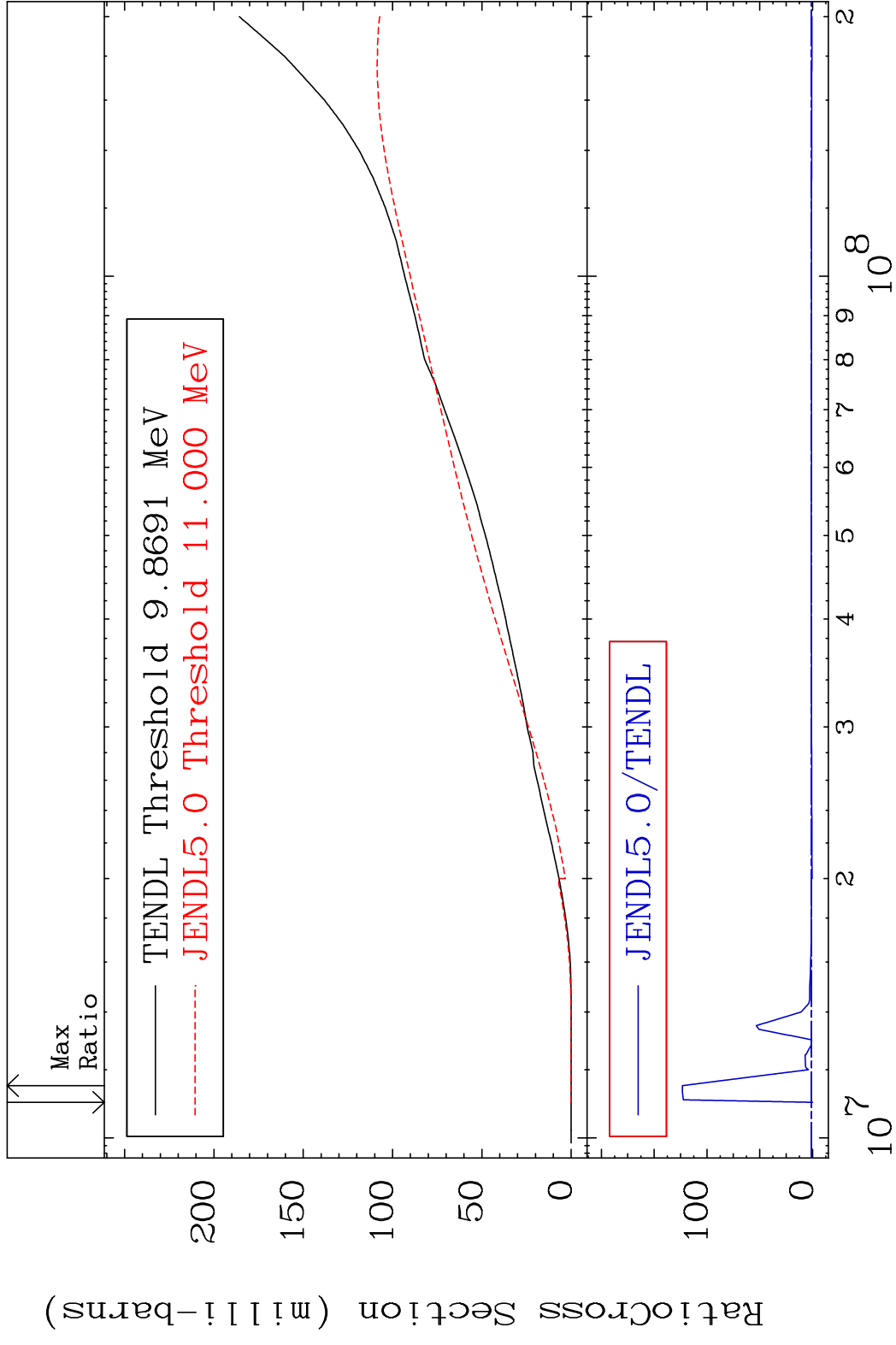
Cross Section -100.0 To 390.4 %



28

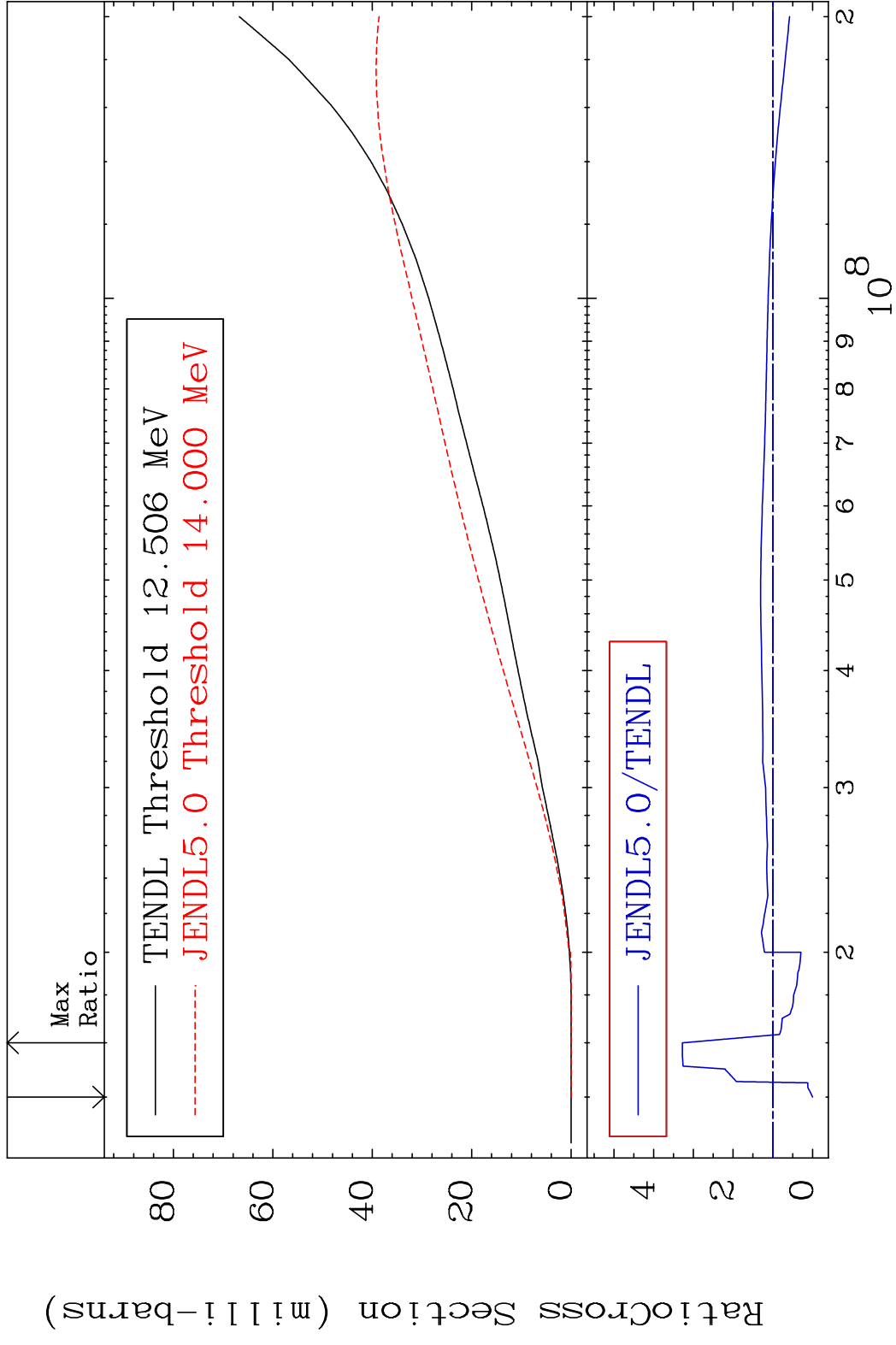
36-Kr-86

MAT 3649 Deuterium Production 36-Kr-86  
 Cross Section -100.0 To 9999. %

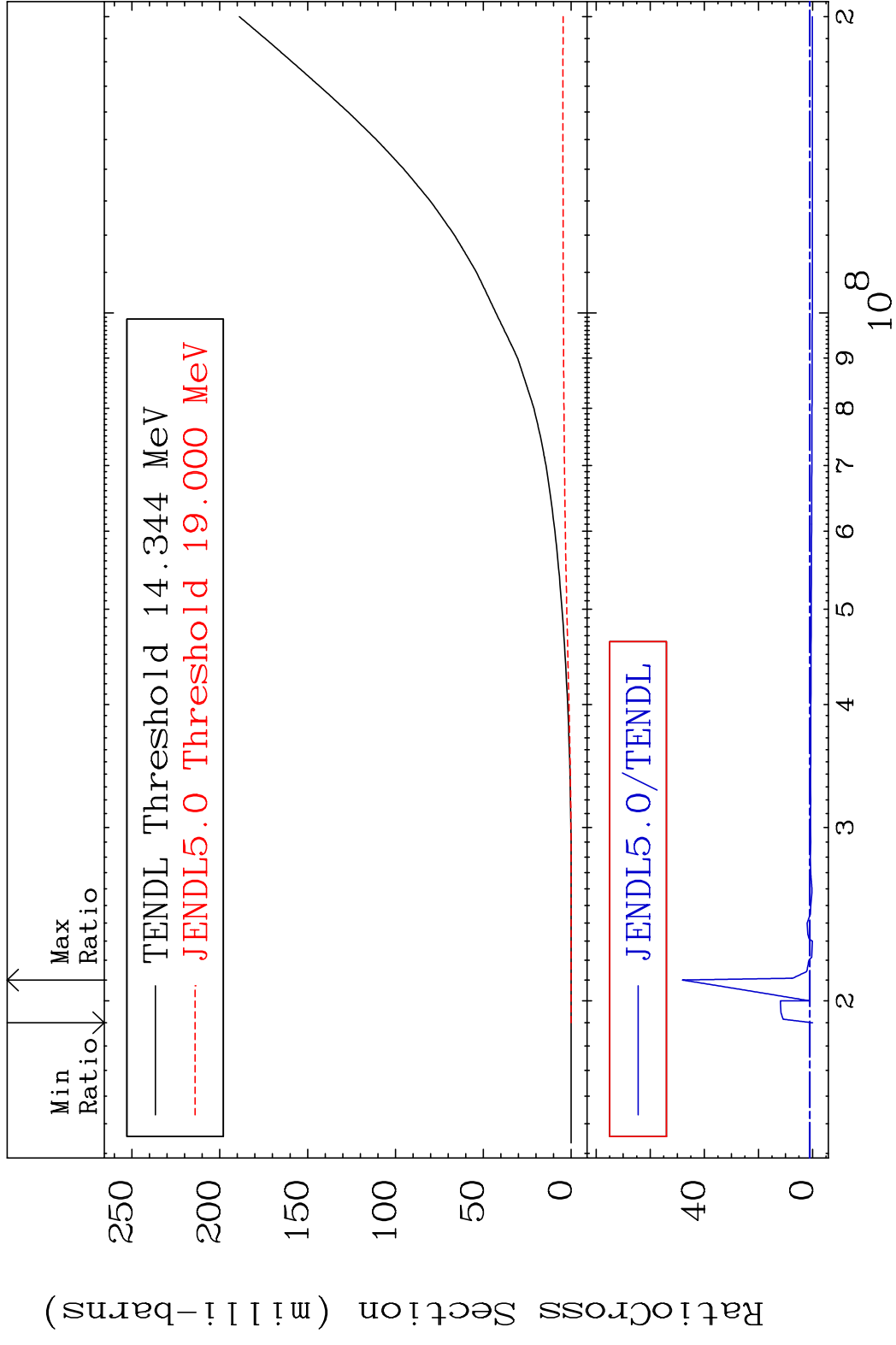


29 36-Kr-86

MAT 3649 Tritium Production 36-Kr-86  
 Cross Section -100.0 To 227.7 %

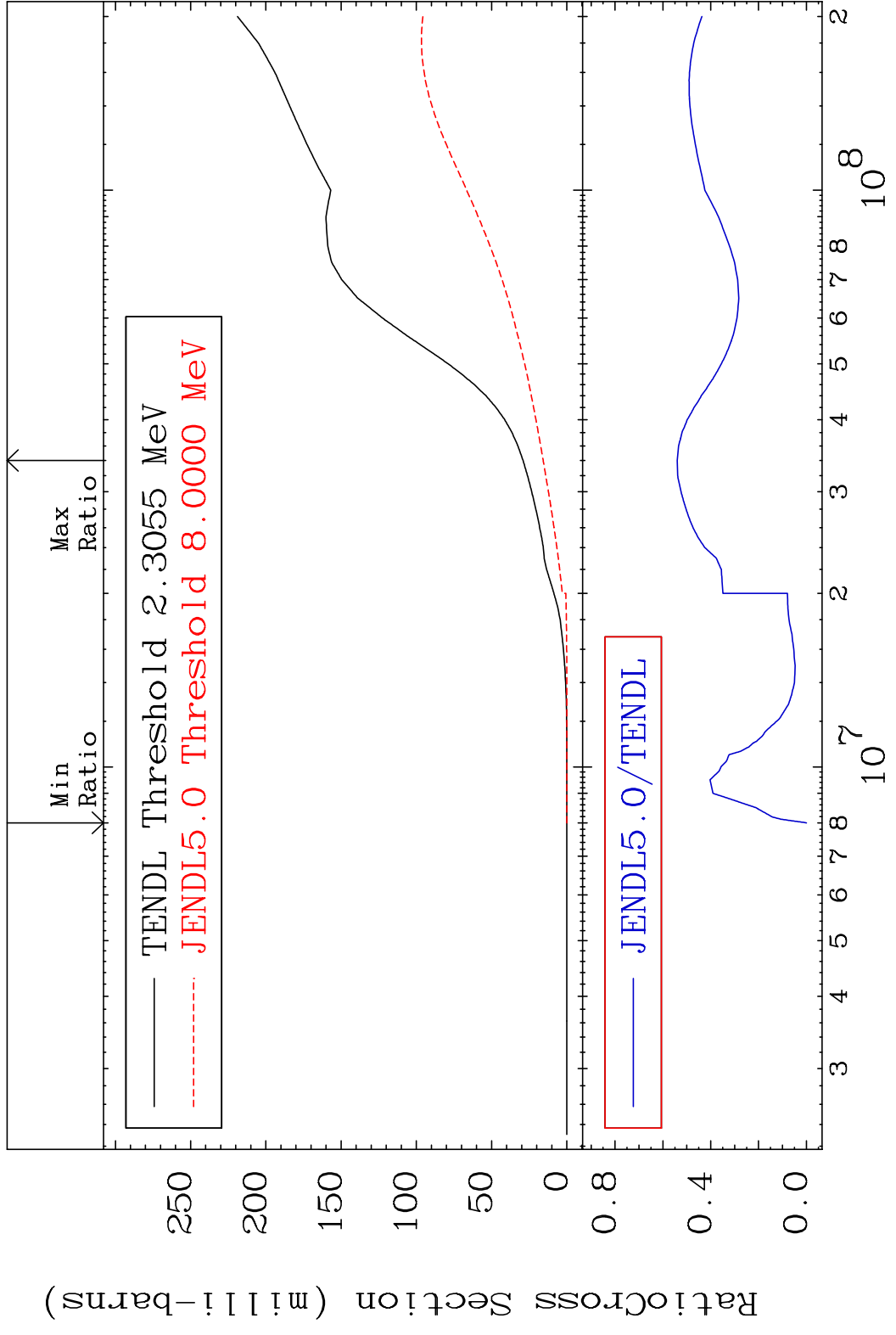


MAT 3649 He-3 Production 36-Kr-86  
 Cross Section -100.0 To 4713. %



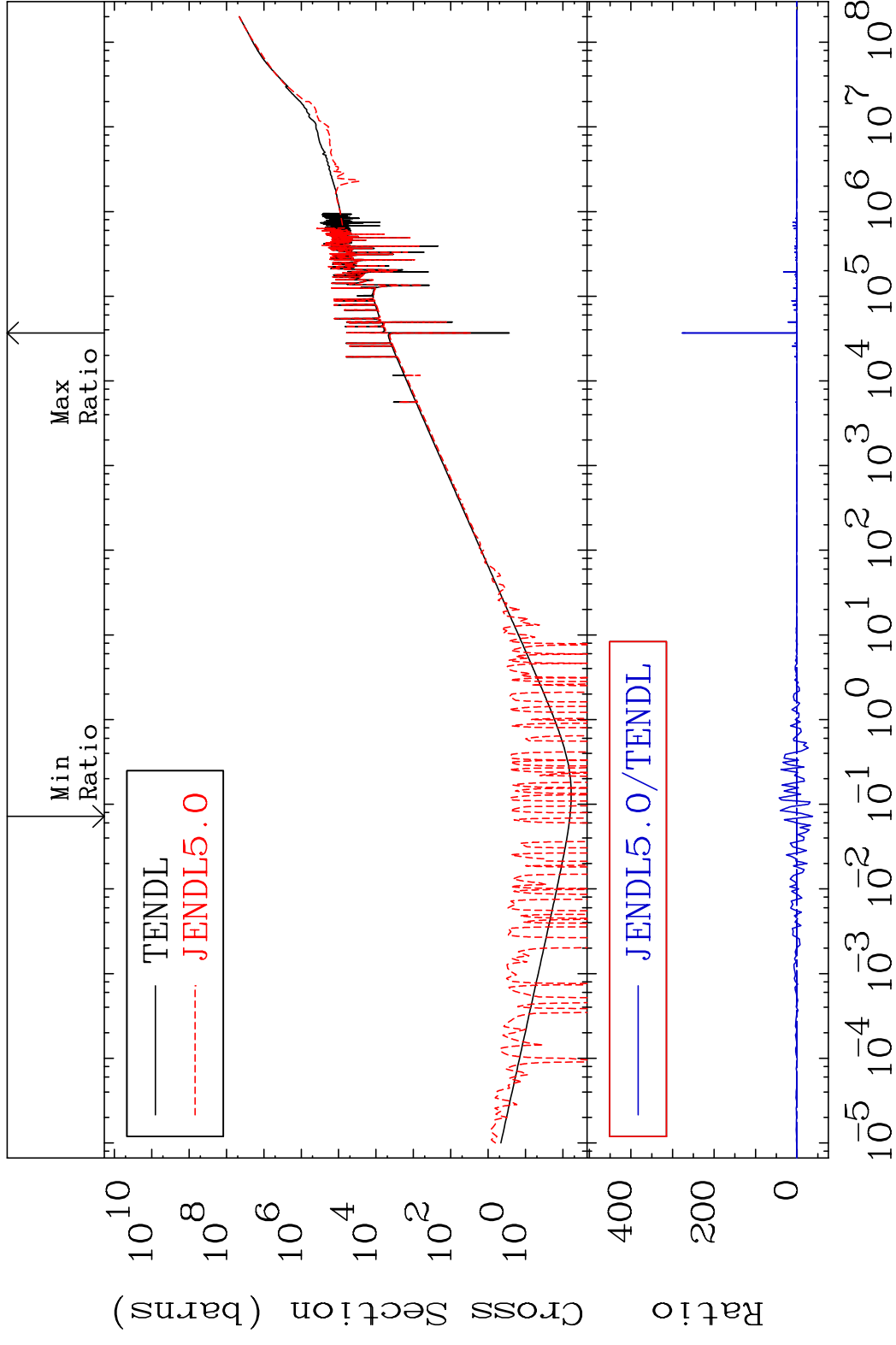


MAT 3649 He-4 Production 36-Kr-86  
 Cross Section -100.0 To -45.98%



32 Incident Energy (eV) 36-Kr-86

MAT 3649 Kerma total (eV-barns) 36-Kr-86  
 Cross Section -3810. To 9999. %

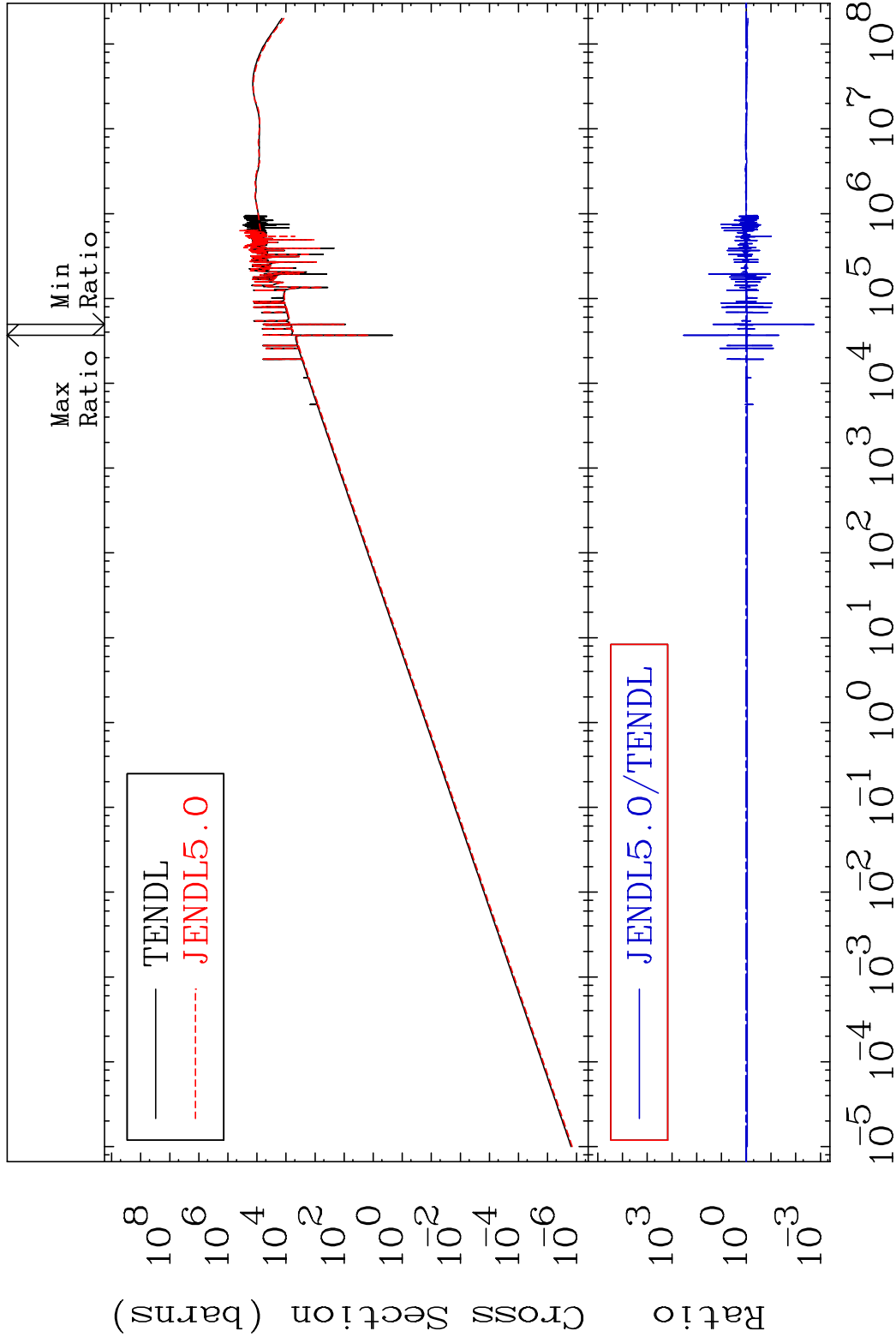


MAT 3649

Kerma elastic

36-Kr-86

Cross Section -99.82 To 9999. %

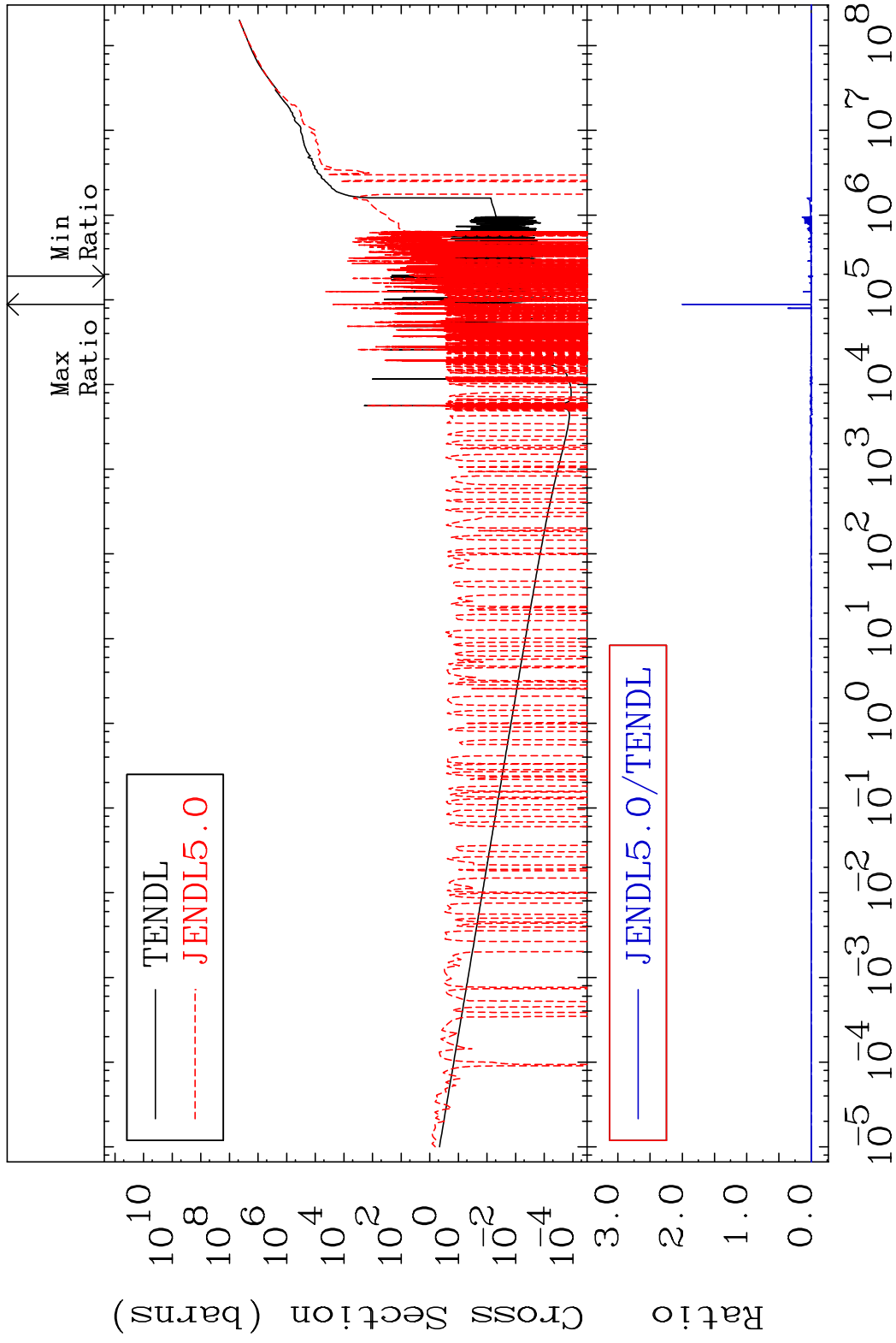


34

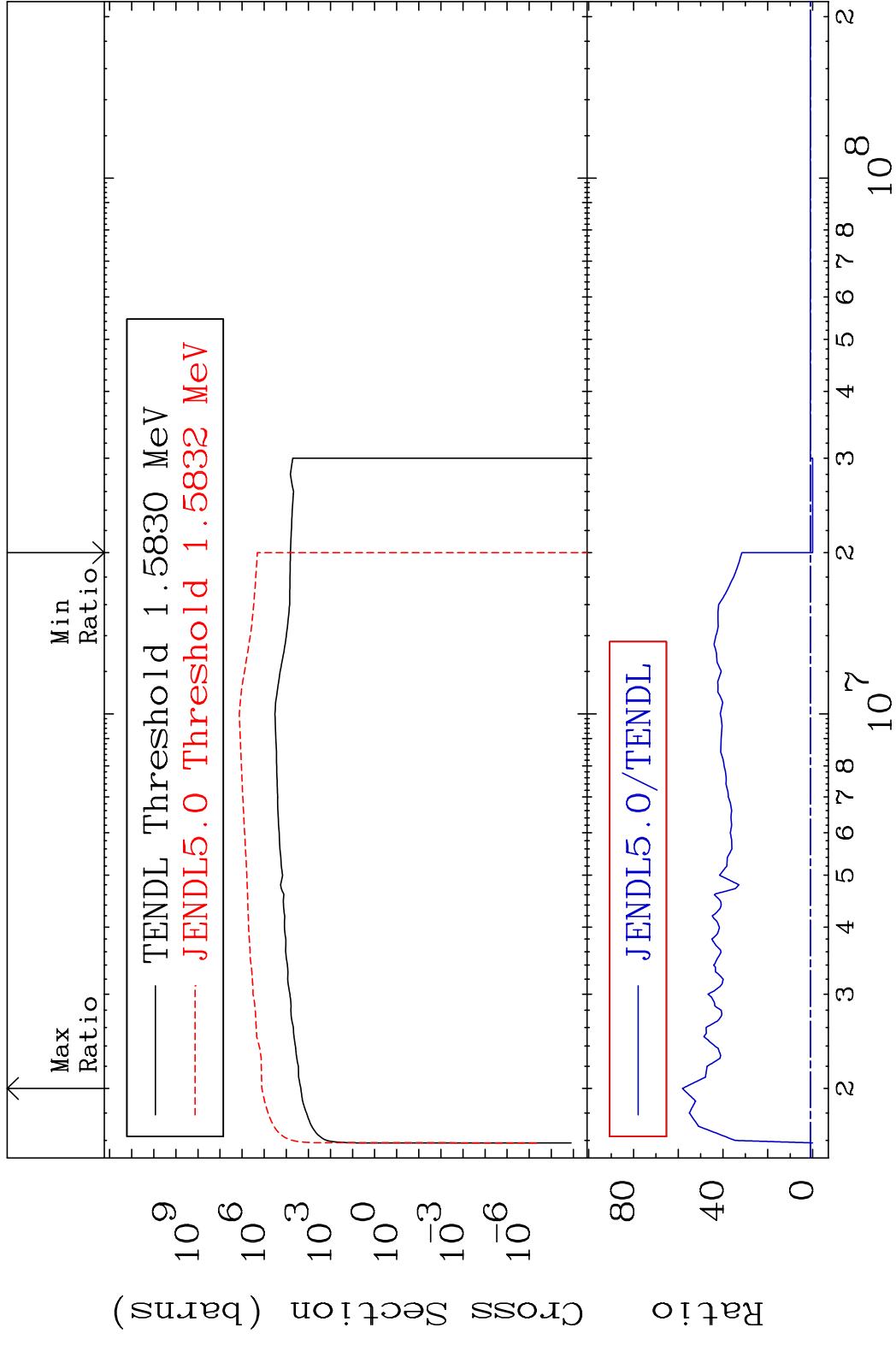
Incident Energy (eV)

36-Kr-86

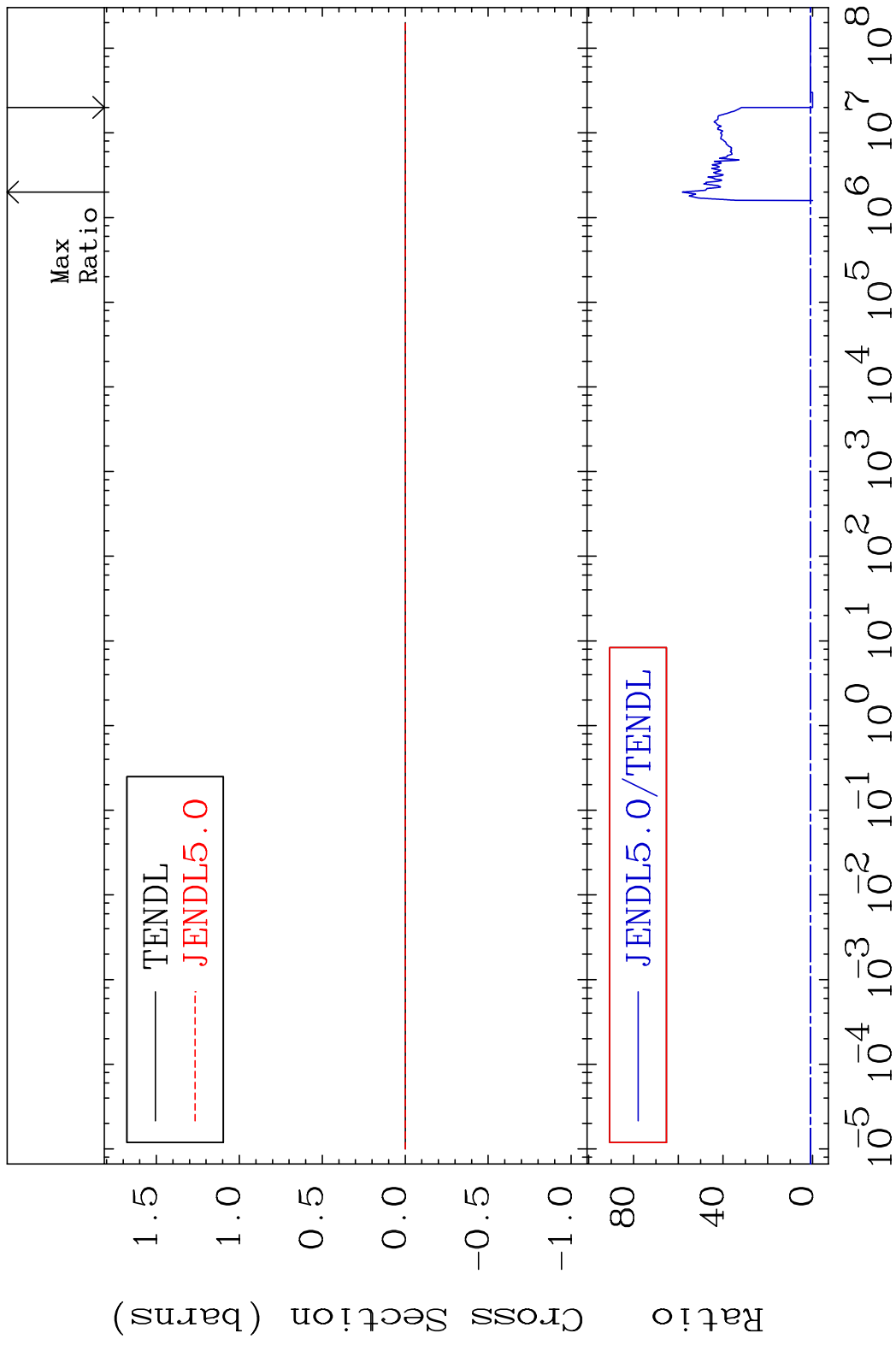
MAT 3649 Kerma non-elastic (all but mt2) 36-Kr-86  
 Cross Section -9999. To 9999. %



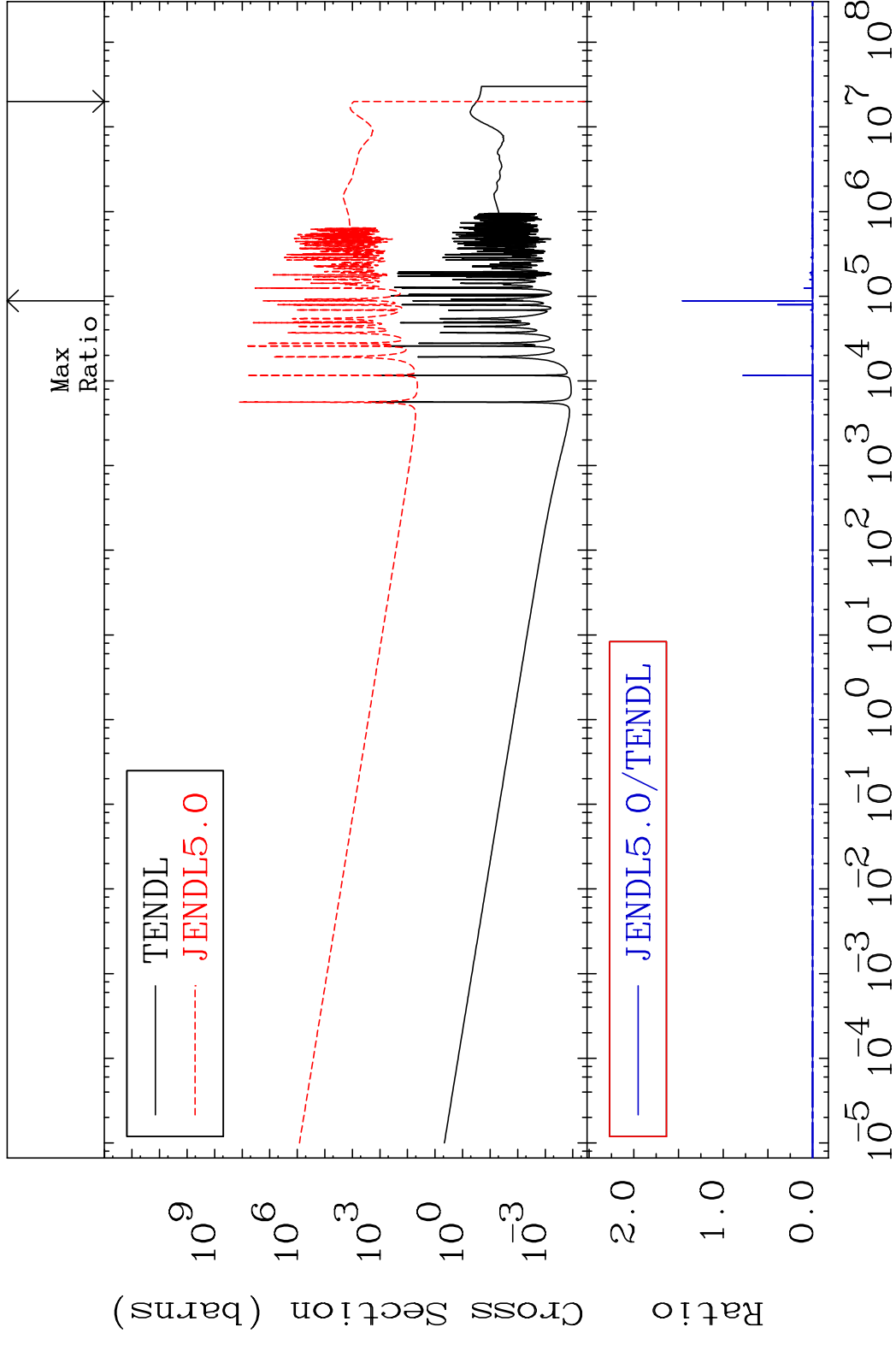
MAT 3649 Kerma inelastic (mt51-91) 36-Kr-86  
 Cross Section -100.0 To 5717. %



MAT 3649 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-86  
 Cross Section -100.0 To 5717. %

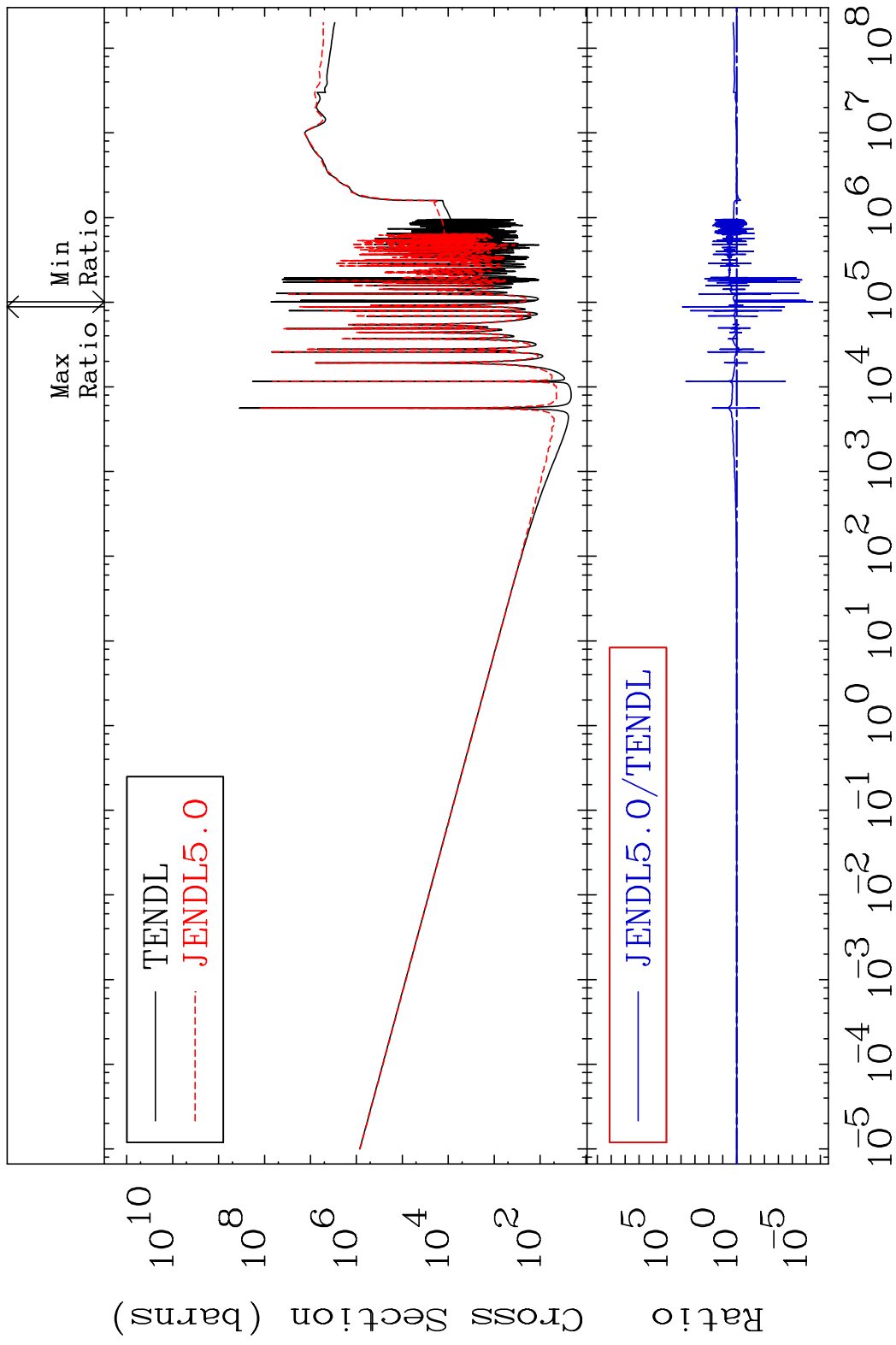


MAT 3649 Kerma capture (mt102) 36-Kr-86  
 Cross Section -100.0 To 9999. %



38 Incident Energy (eV) 36-Kr-86

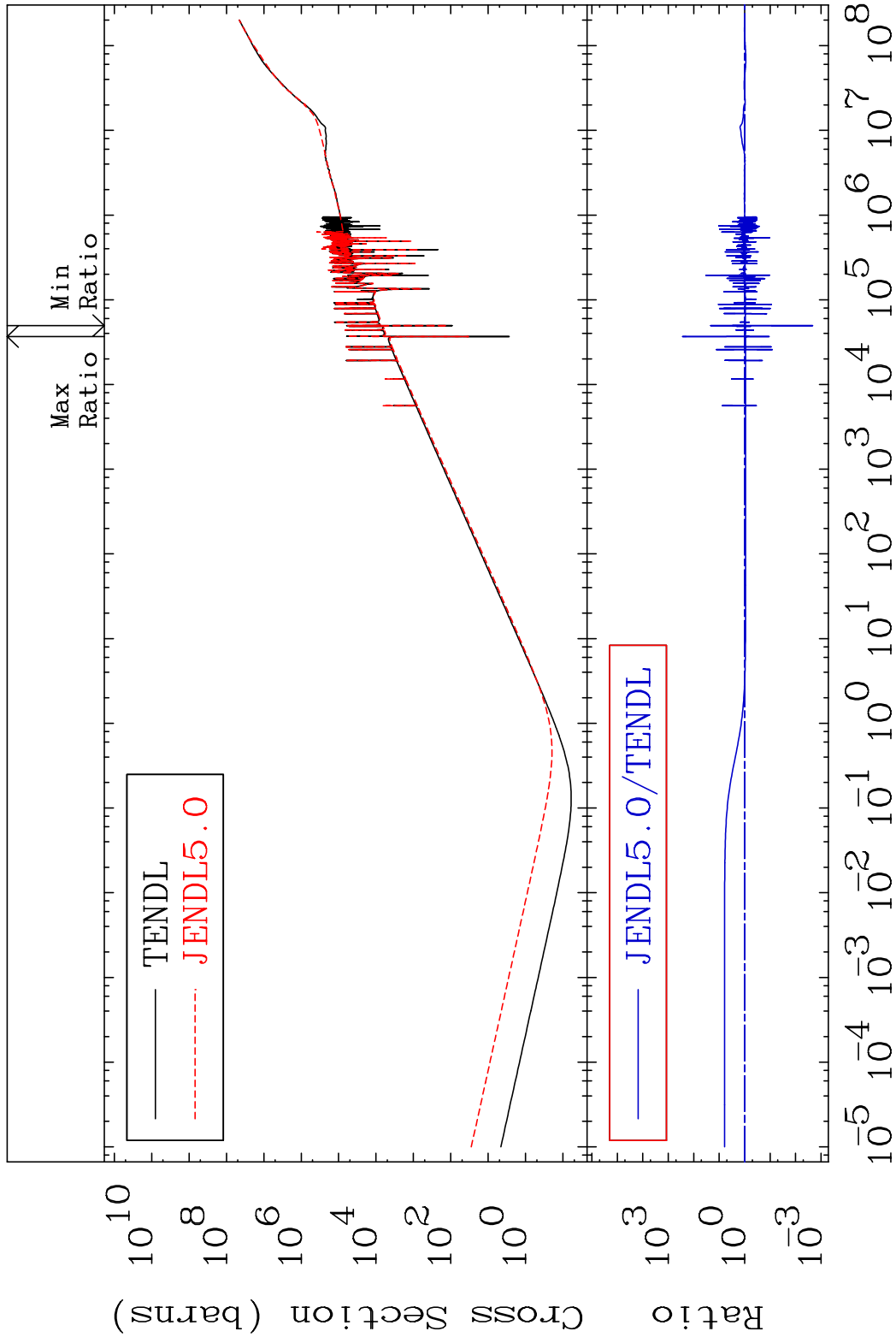
MAT 3649 Total photon (eV-barns) 36-Kr-86  
 Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 36-Kr-86

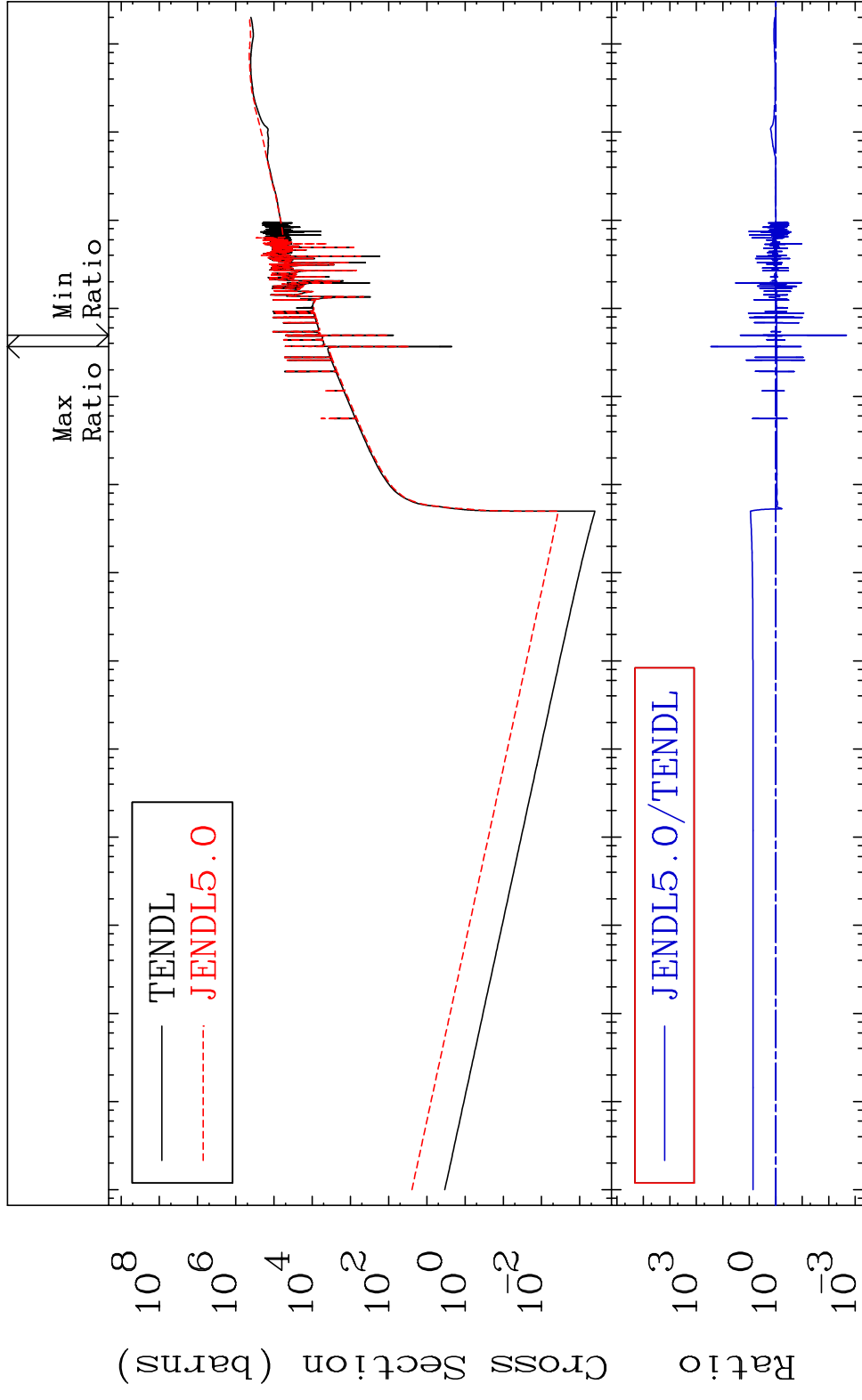


MAT 3649 Total kinematic kerma (high limit) 36-Kr-86  
Cross Section -99.78 To 9999. %



40 Incident Energy (eV) 36-Kr-86

MAT 3649 Dpa total (eV-barns) 36-Kr-86  
 Cross Section -99.78 To 9999. %



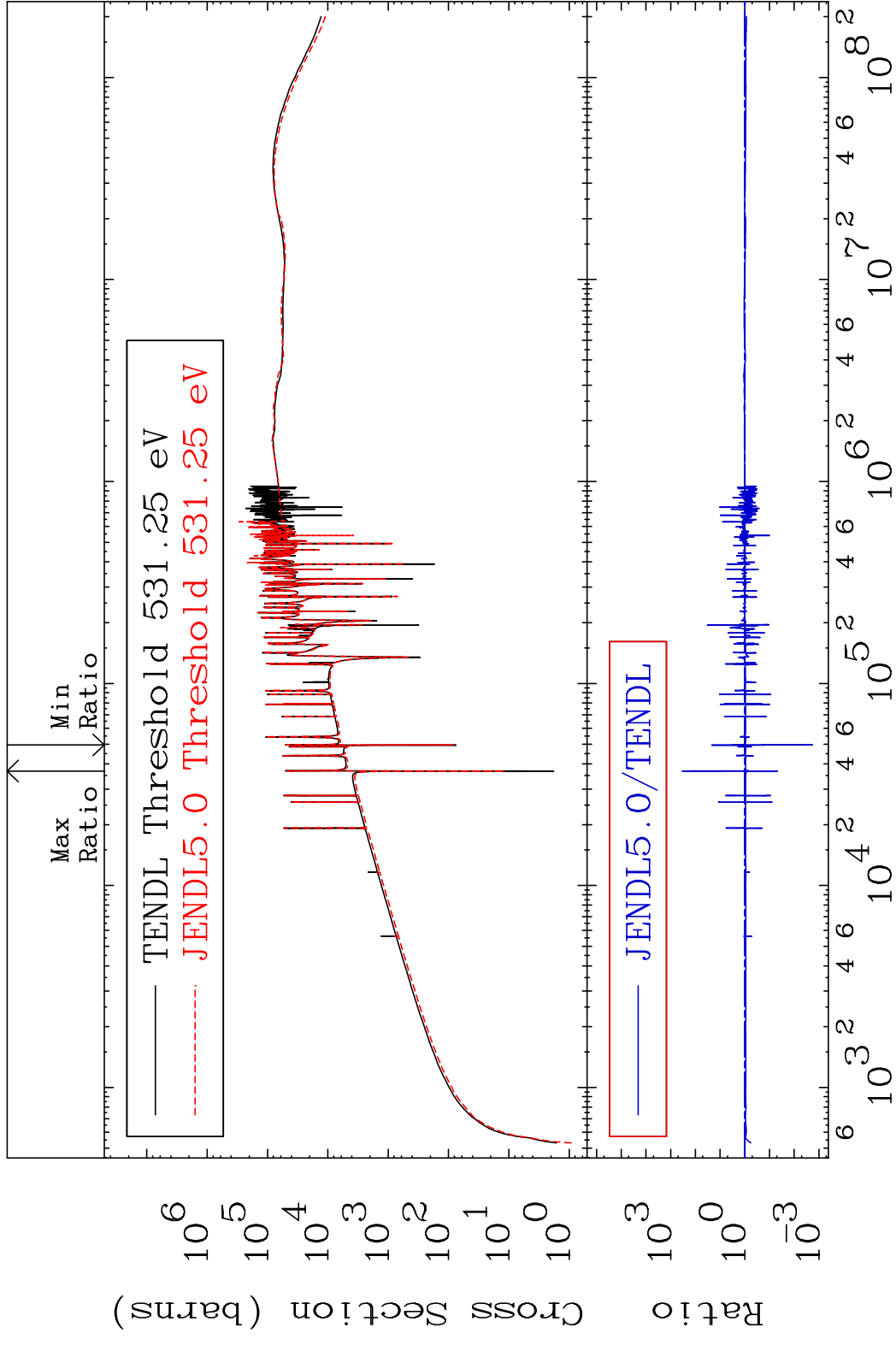
41 Incident Energy (eV) 36-Kr-86

MAT 3649

Dpa elastic (mt2)

36-Kr-86

Cross Section -99.82 To 9999. %

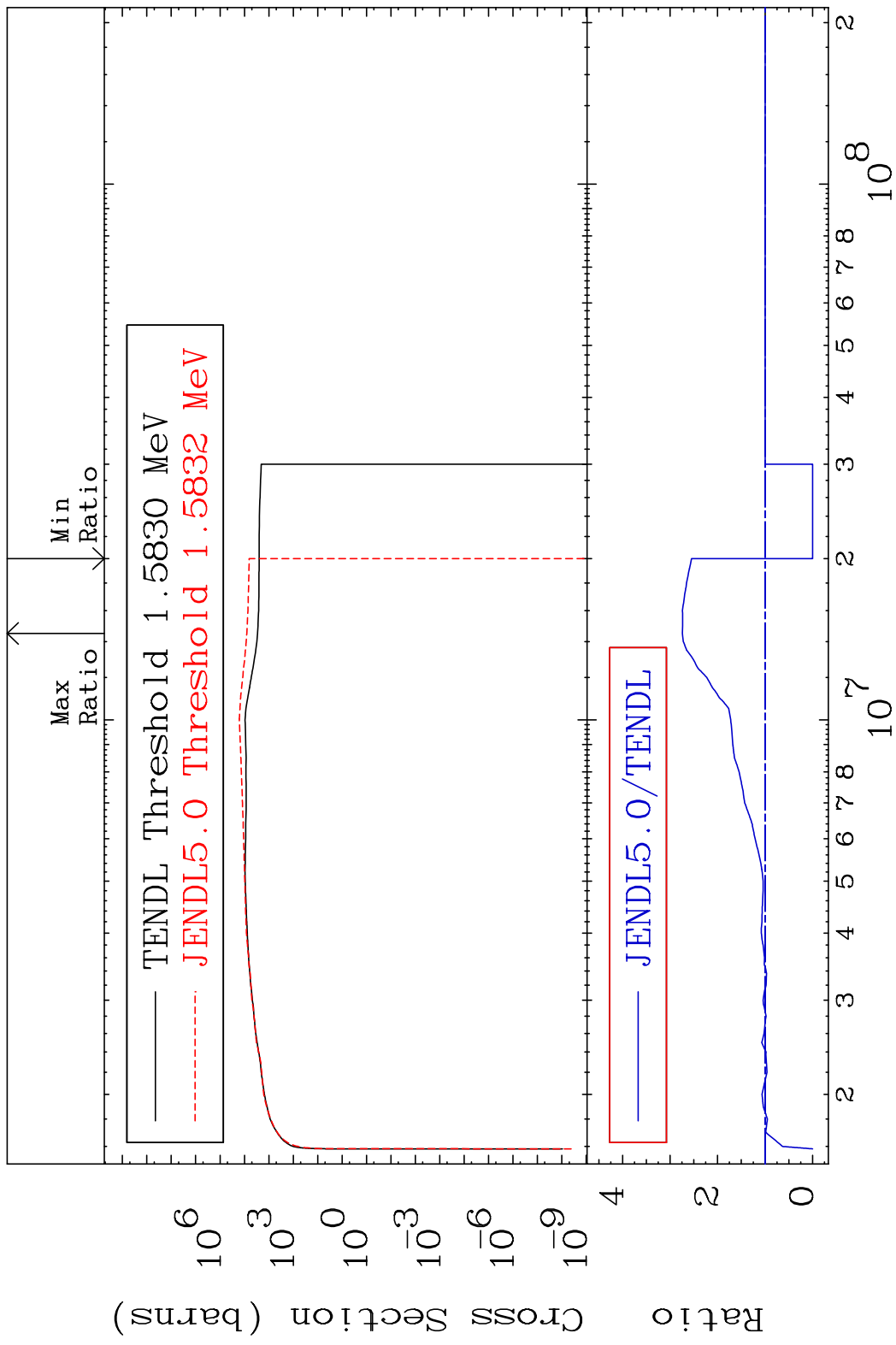


42

Incident Energy (eV)

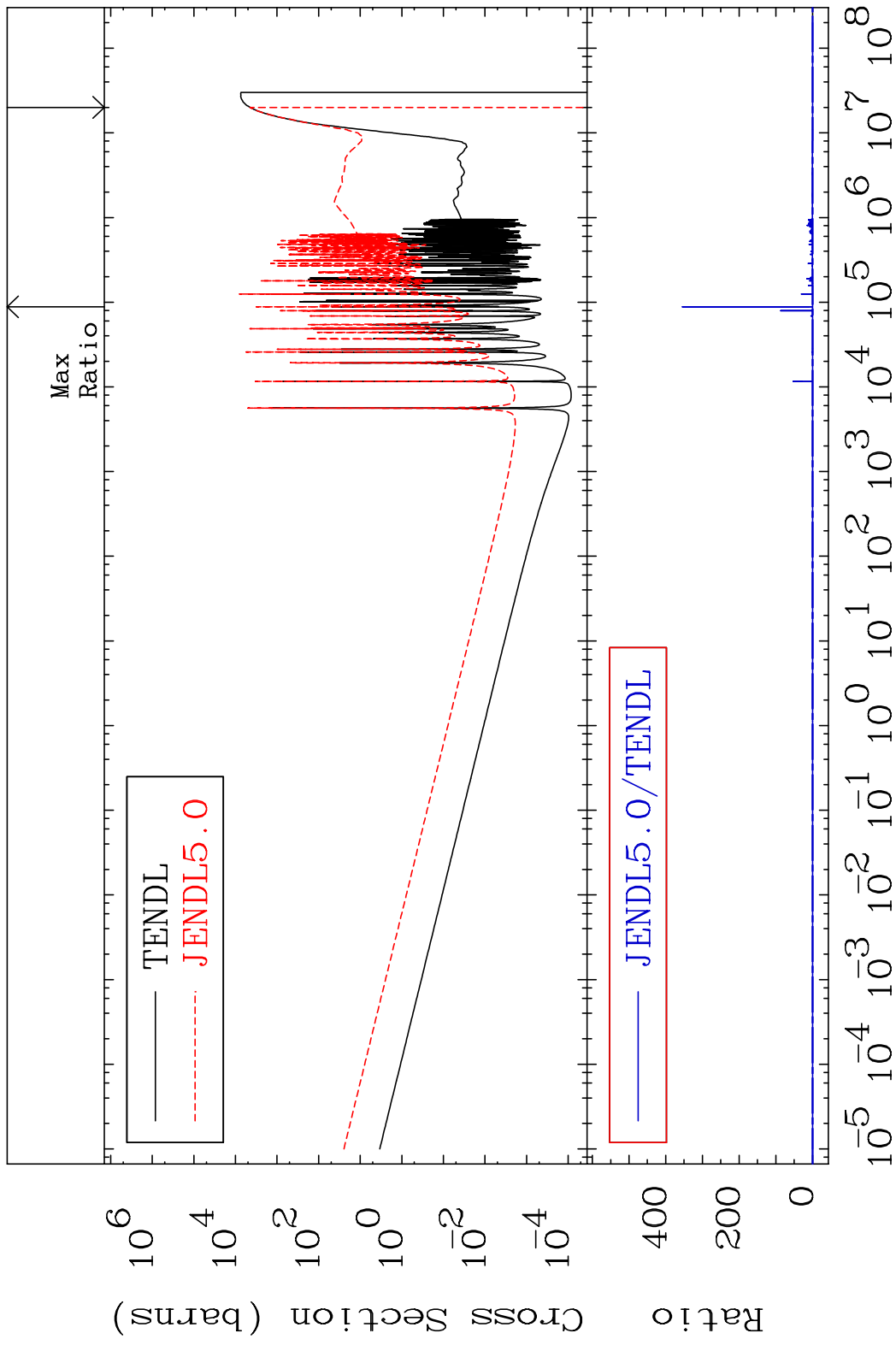
36-Kr-86

MAT 3649 Dpa inelastic (mt51-91) 36-Kr-86  
 Cross Section -100.0 To 174.2 %



43 Incident Energy (eV) 36-Kr-86

MAT 3649 Dpa disappearance (mt102 -120) 36-Kr-86  
 Cross Section -100.0 To 9999. %

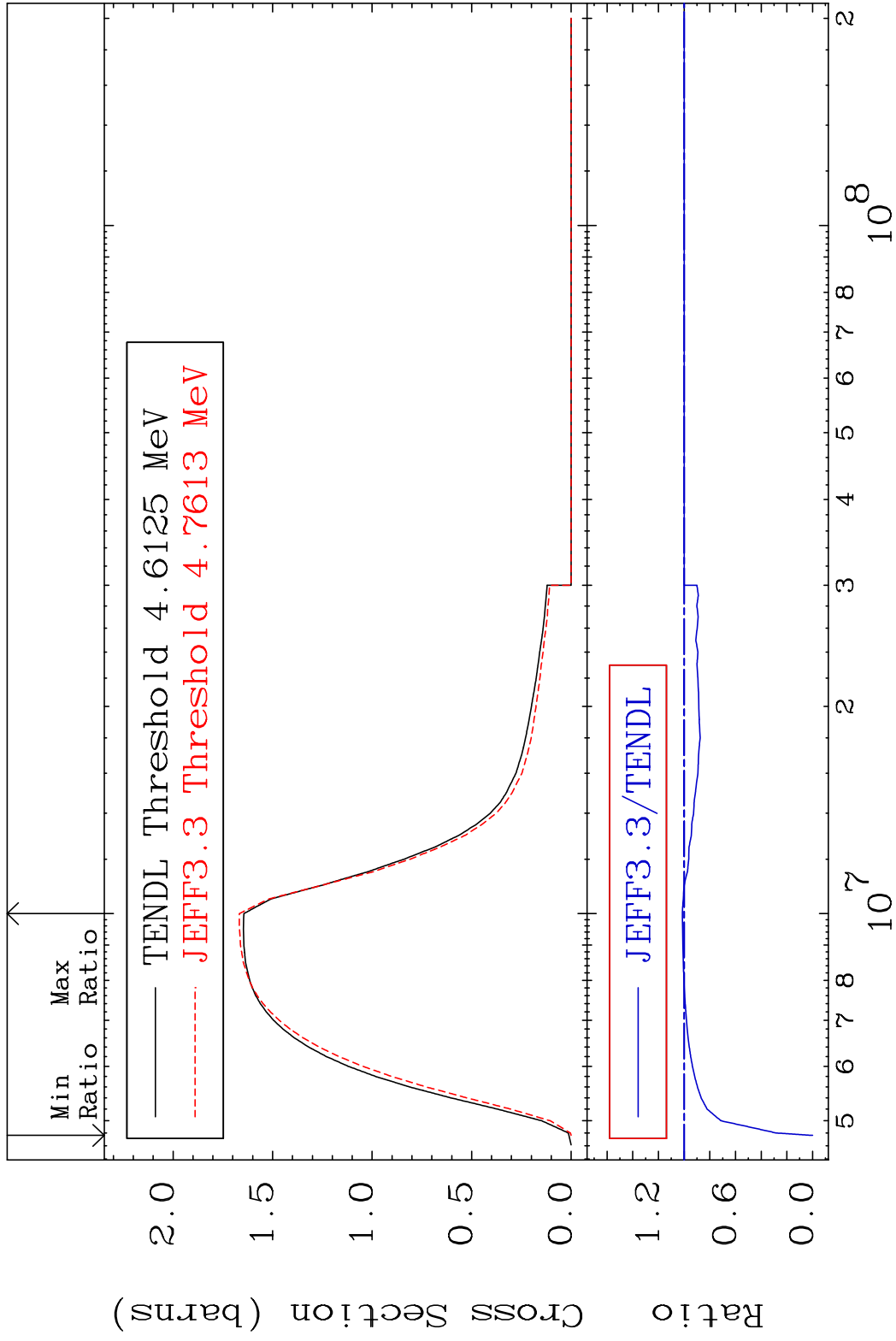


MAT 3649

(n,n') Continuum

36-Kr-86

Cross Section -100.0 To 1.378 %



45

Incident Energy (eV)

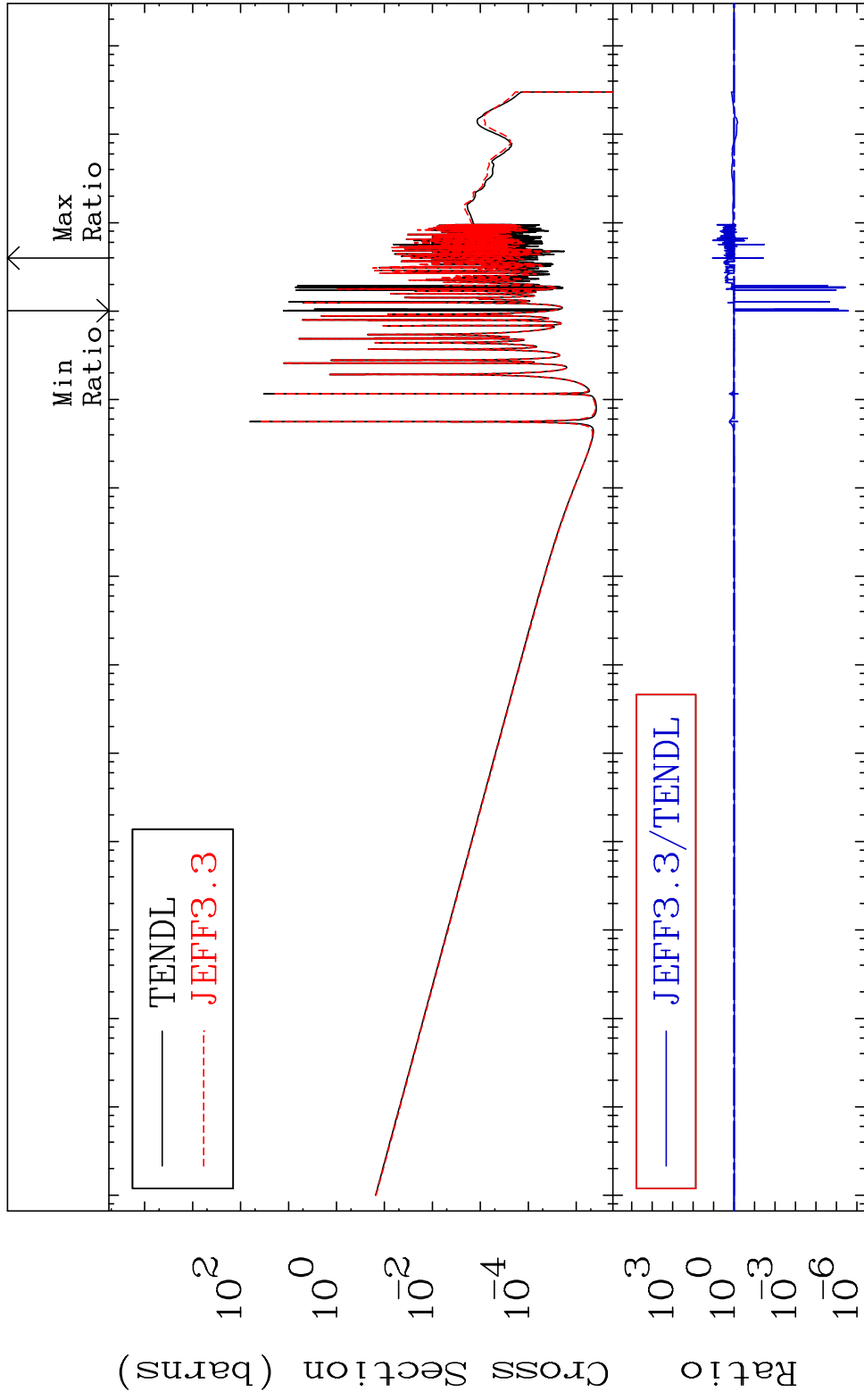
36-Kr-86

MAT 3649

(n,  $\gamma$ )

36-Kr-86

Cross Section -100.0 To 1038. %



46

Incident Energy (eV)

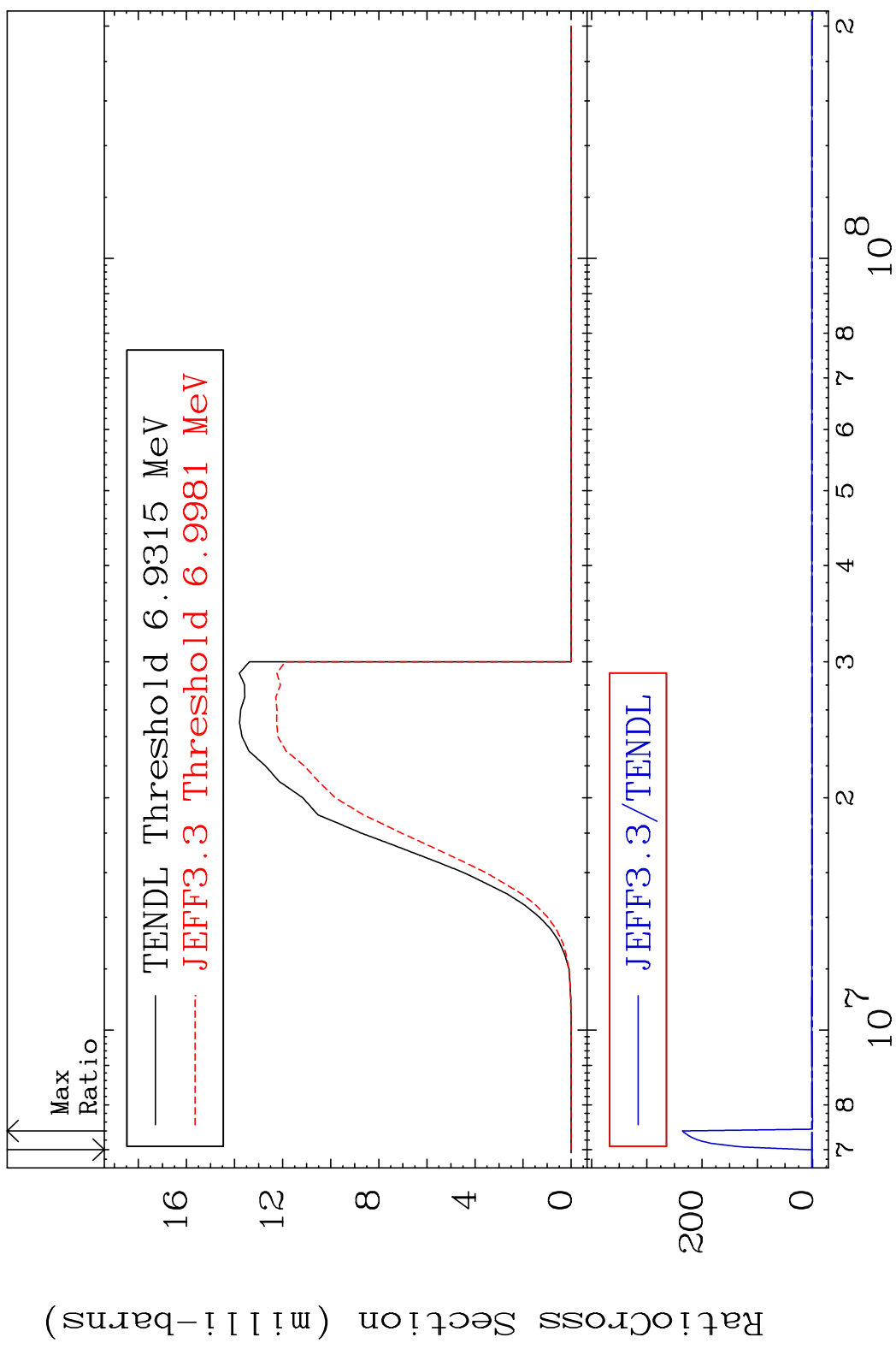
36-Kr-86

MAT 3649

(n,p)

36-Kr-86

Cross Section -100.0 To 9999. %



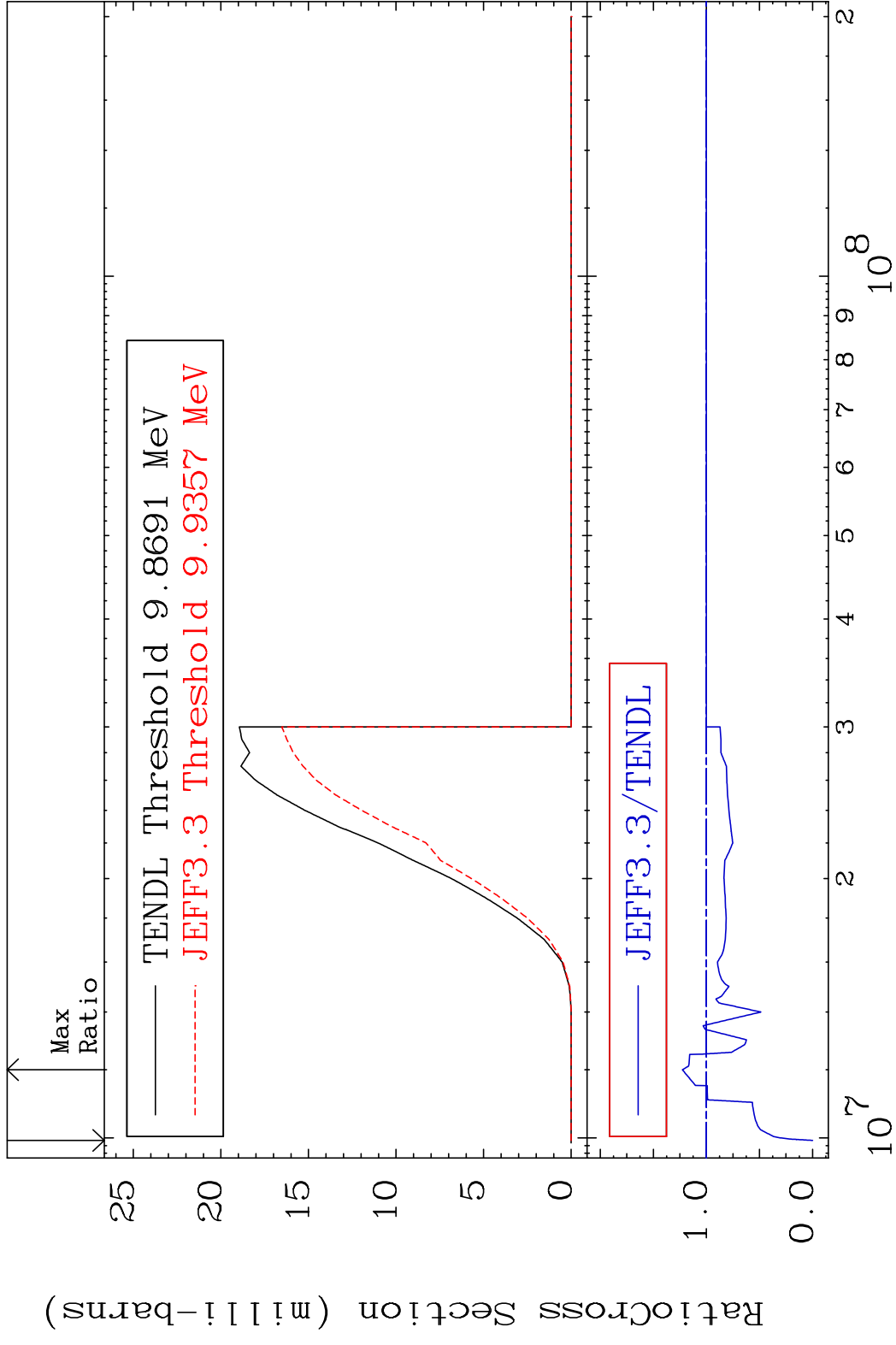
47

Incident Energy (eV)

36-Kr-86

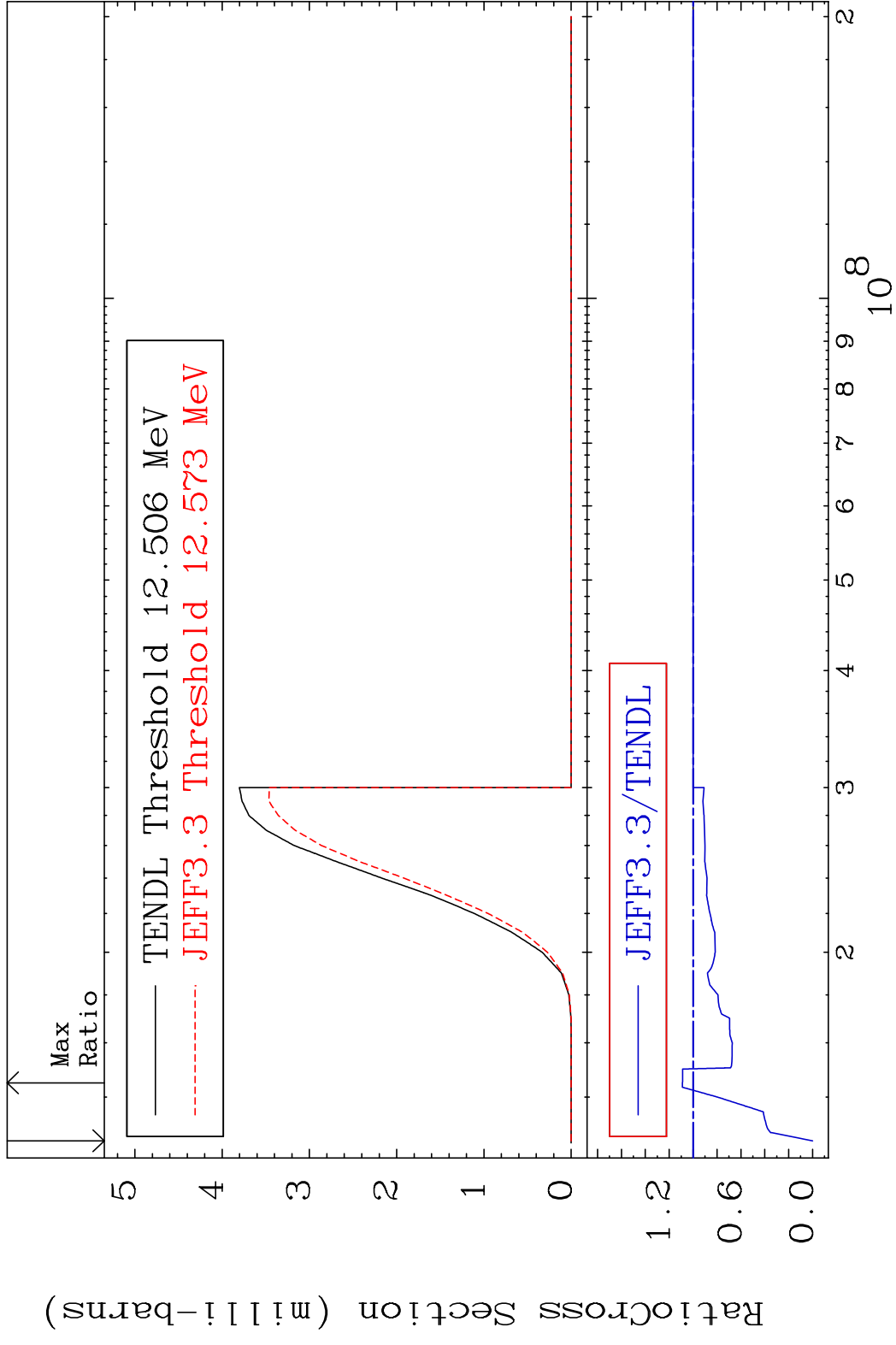


MAT 3649 (n,d) 36-Kr-86  
 Cross Section -100.0 To 22.65 %

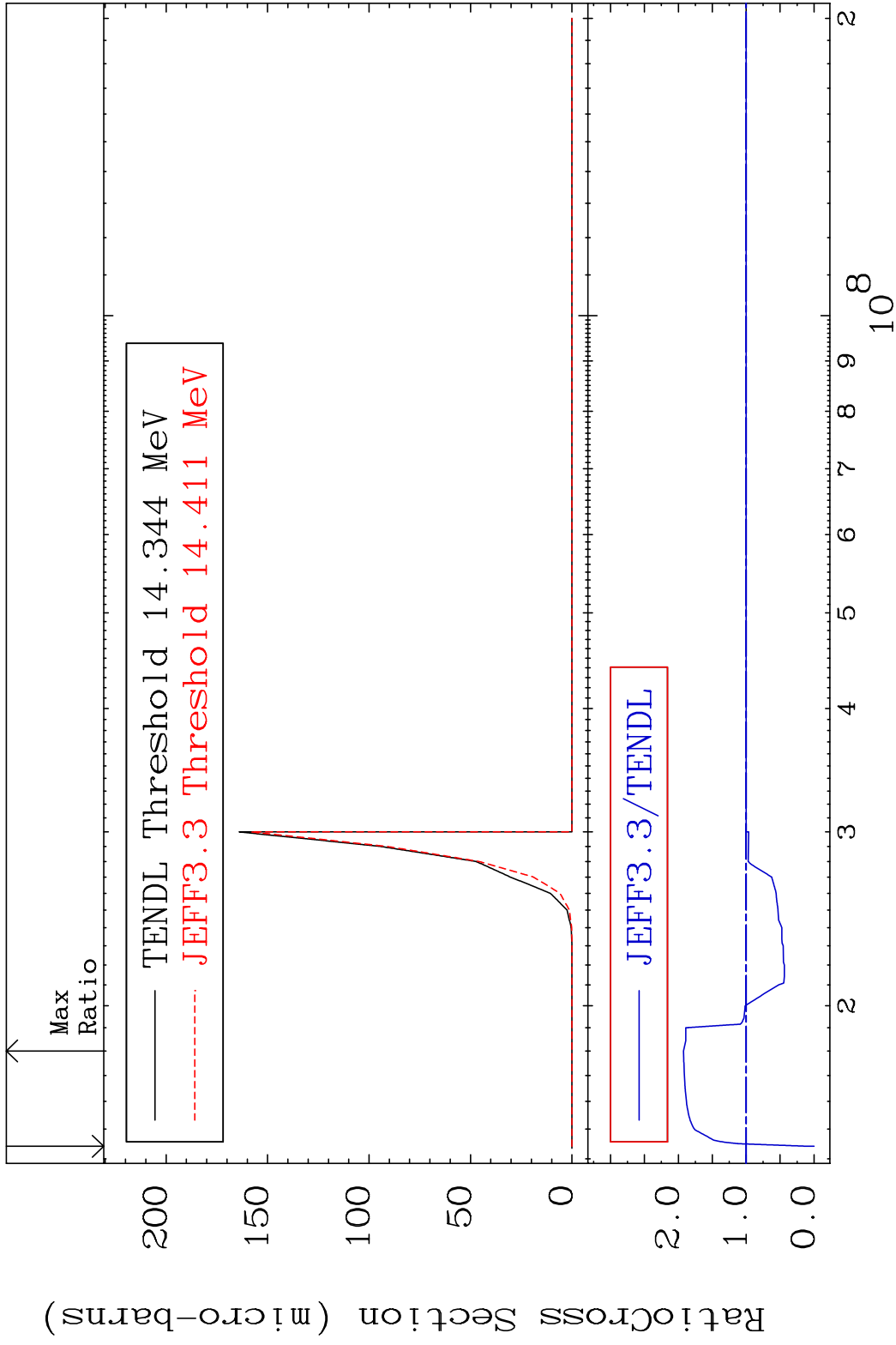


48 36-Kr-86

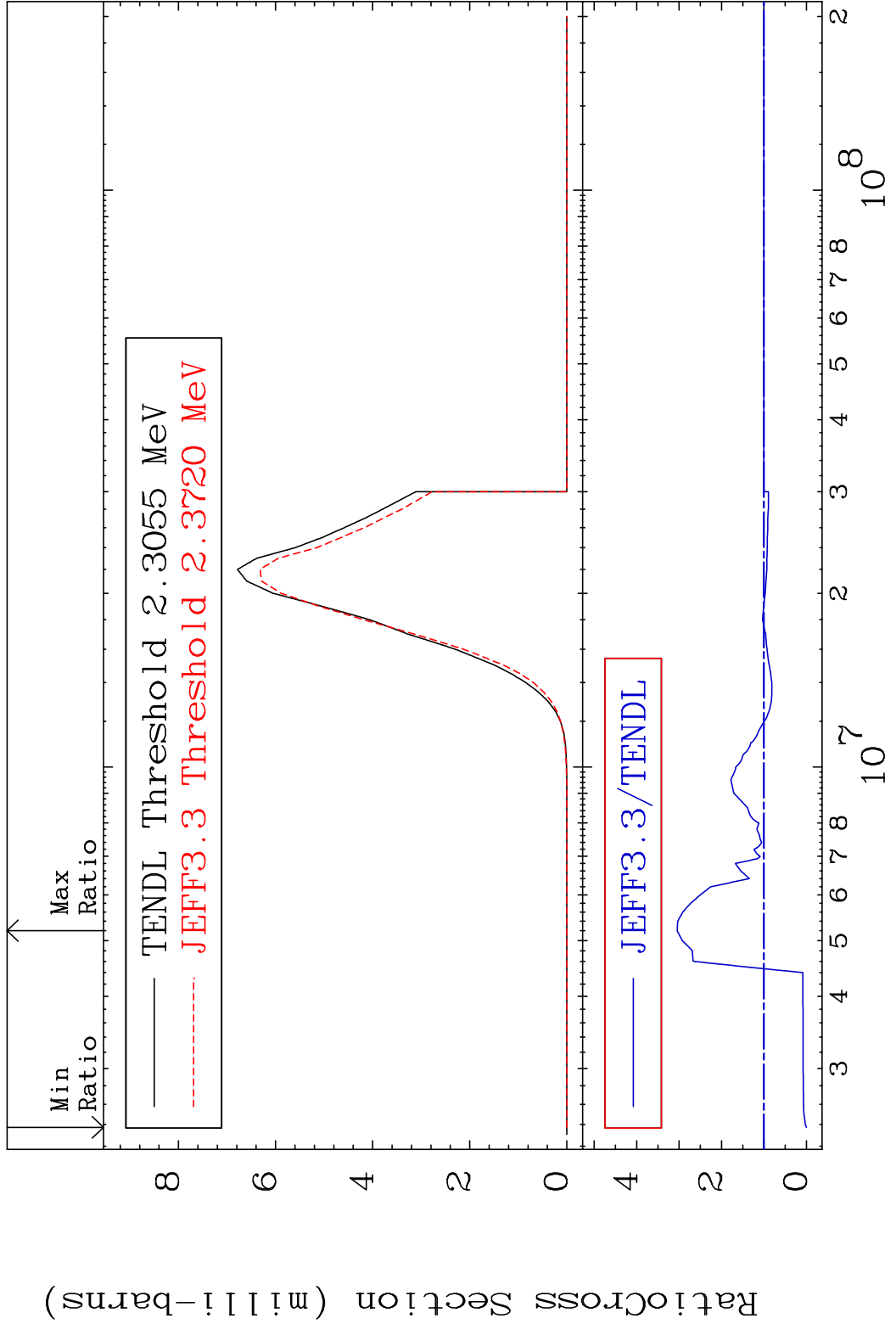
MAT 3649 (n, t) 36-Kr-86  
 Cross Section -100.0 To 9.002 %



MAT 3649 (n, He-3) 36-Kr-86  
 Cross Section -100.0 To 92.48 %



MAT 3649  $(n, \alpha)$  36-Kr-86  
 Cross Section -100.0 To 204.5 %

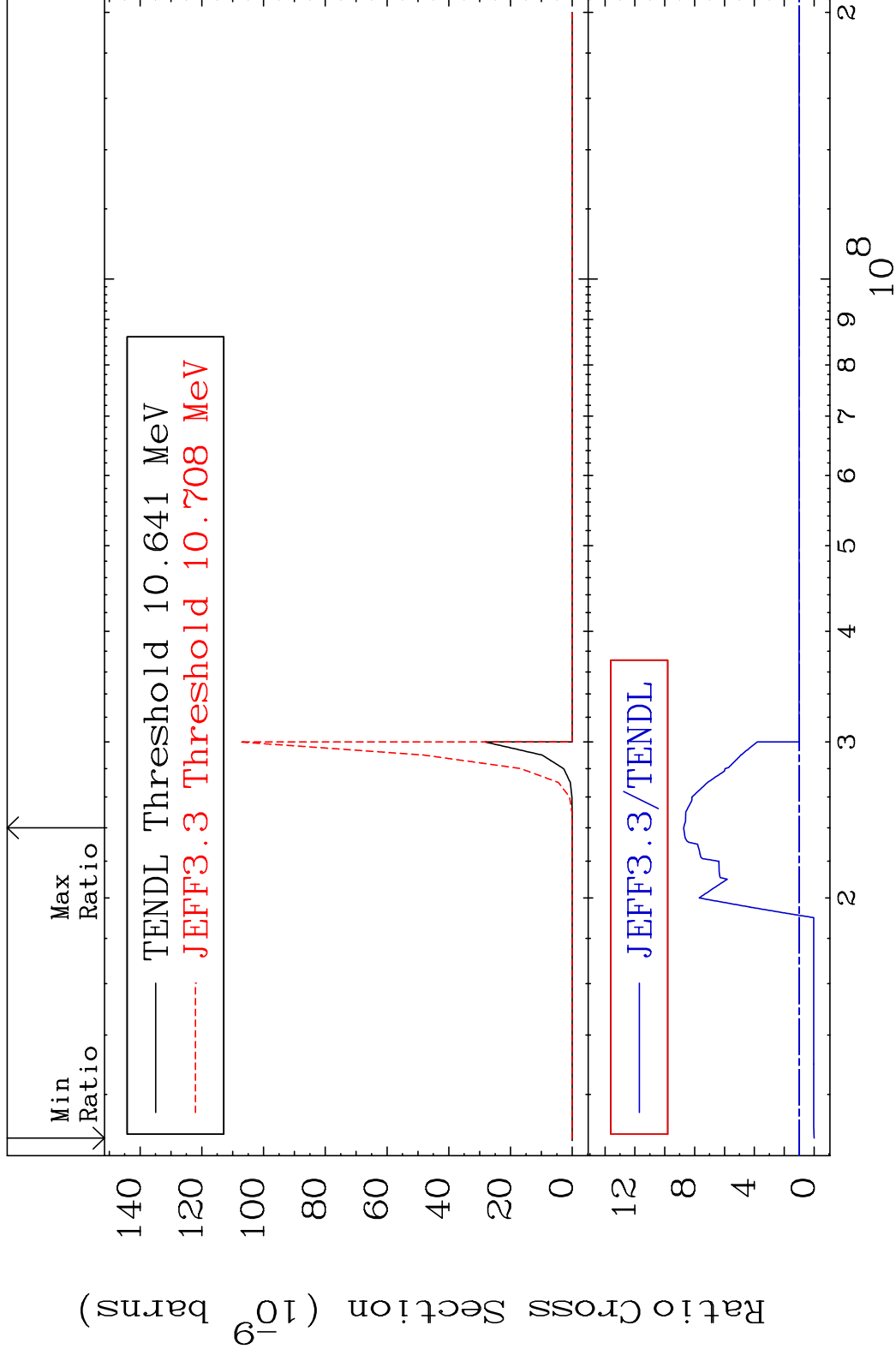


MAT 3649

(n,2α)

36-Kr-86

Cross Section -100.0 To 773.4 %



52

Incident Energy (eV)

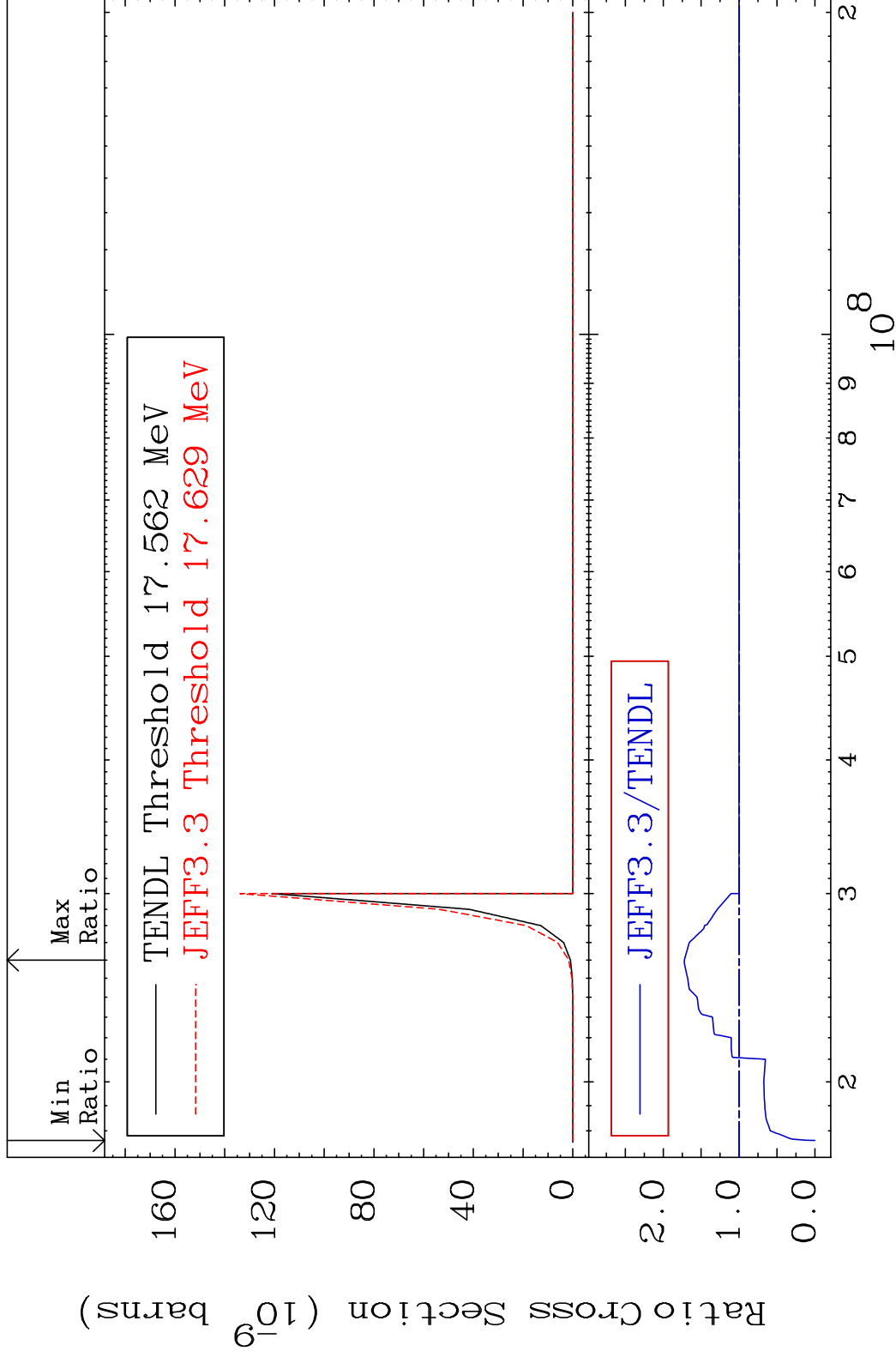
36-Kr-86

MAT 3649

(n,2p)

36-Kr-86

Cross Section -100.0 To 72.19 %

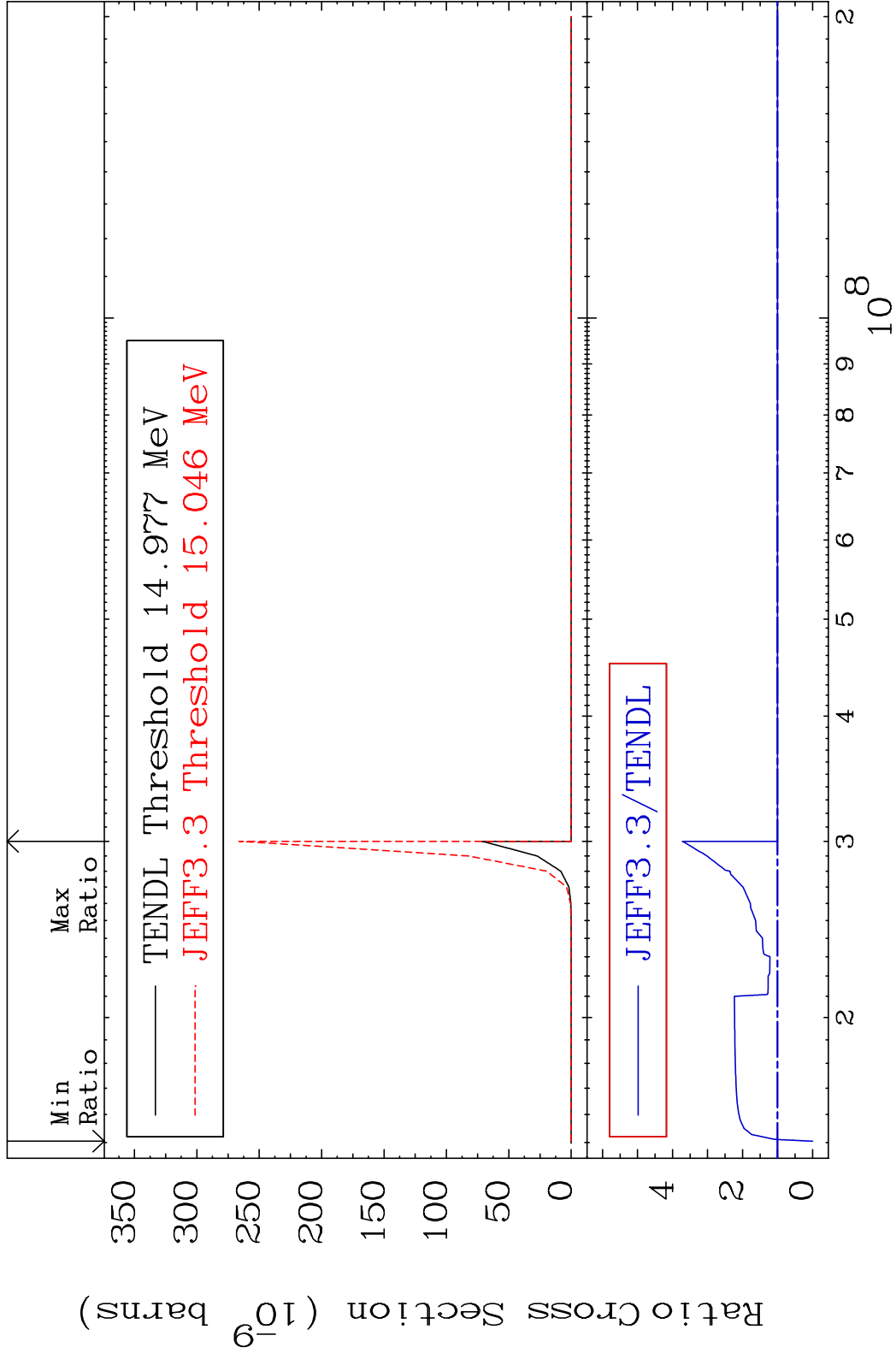


53

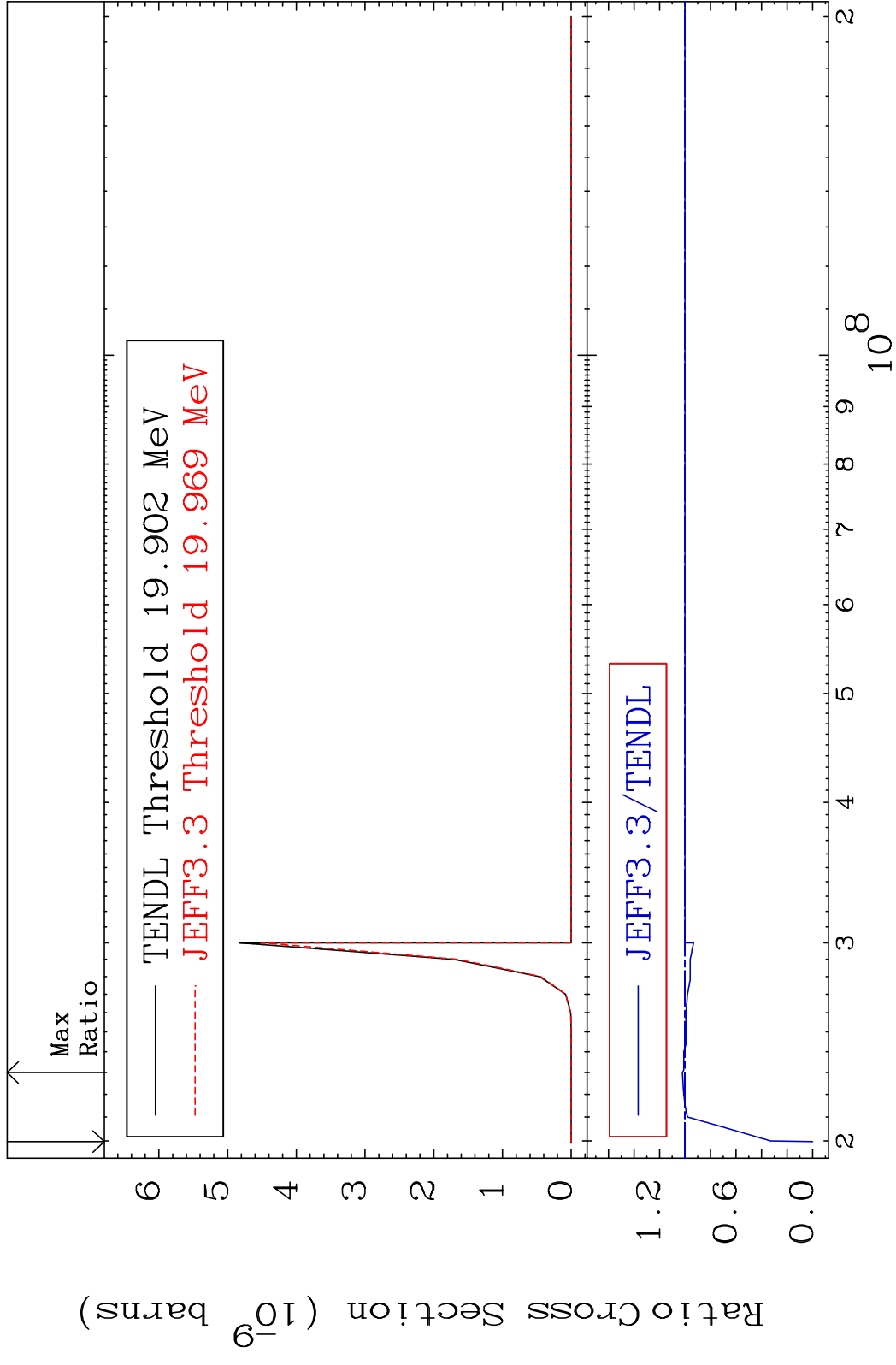
Incident Energy (eV)

36-Kr-86

MAT 3649 (n,p)  $\alpha$  36-Kr-86  
 Cross Section -100.0 To 272.0 %



MAT 3649 (n,p) d 36-Kr-86  
 Cross Section -100.0 To 2.065 %



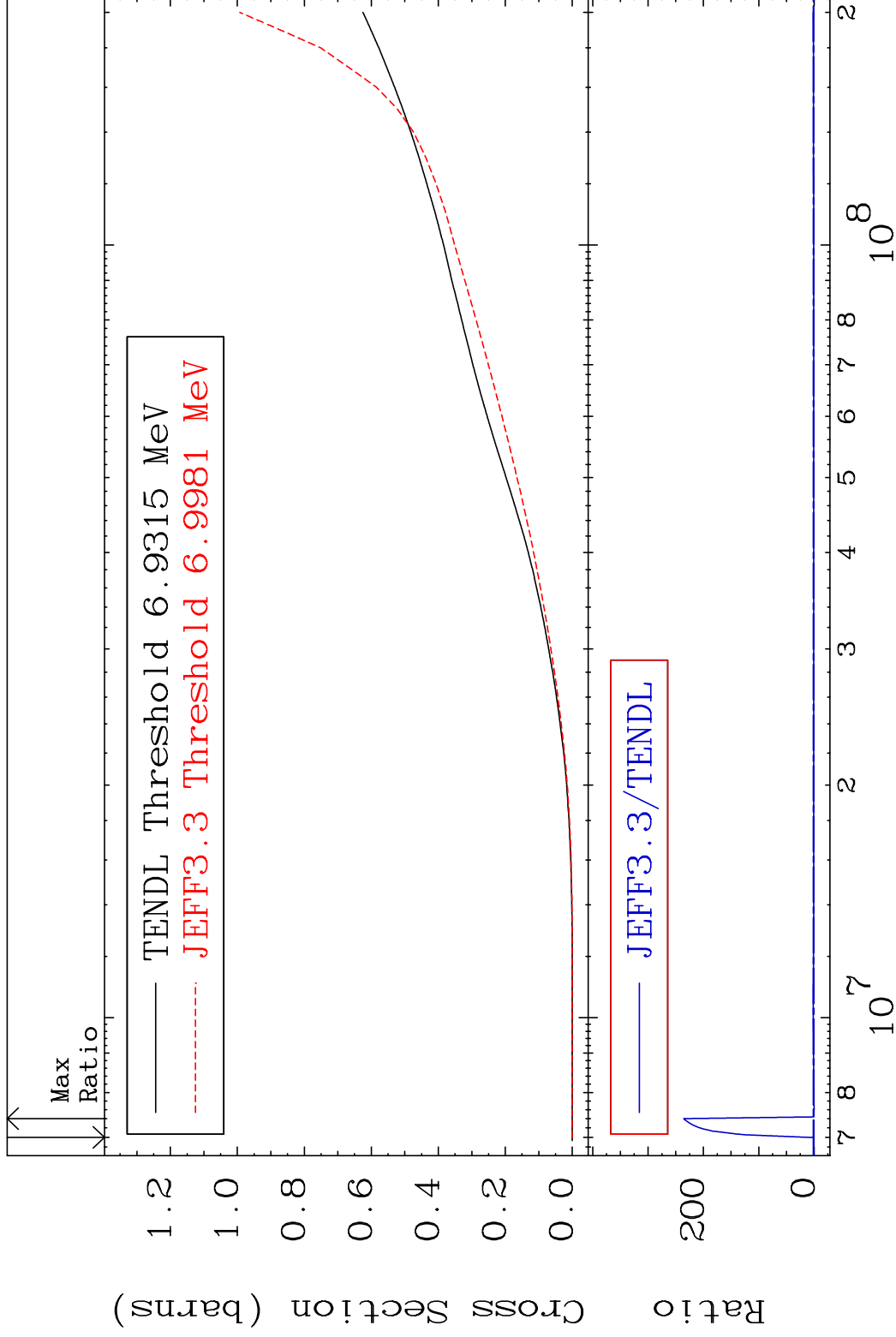


MAT 3649

Hydrogen Production

<sup>36</sup>Kr-86

Cross Section -100.0 To 9999. %



56

Incident Energy (eV)

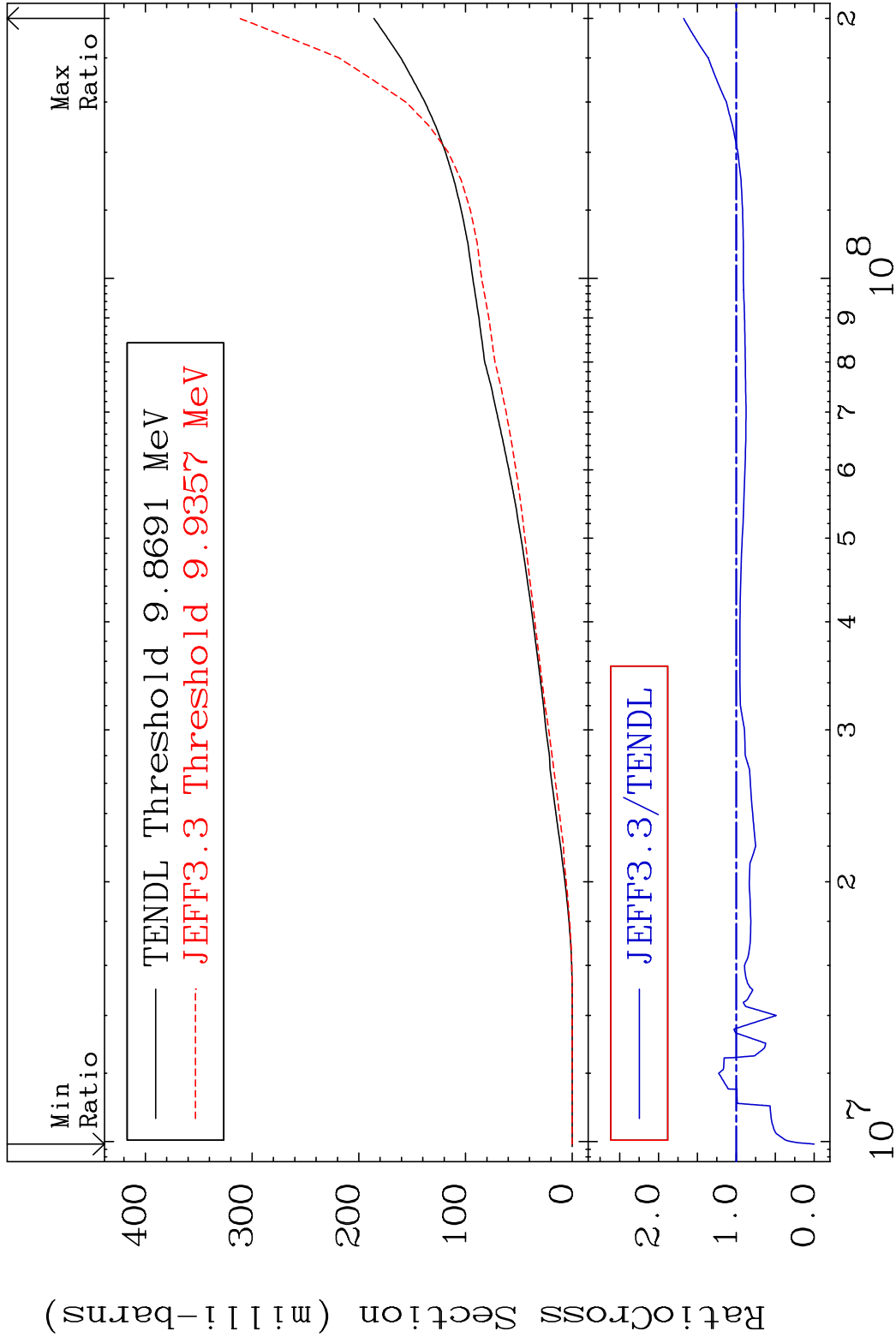
<sup>36</sup>Kr-86

MAT 3649

Deuterium Production

36-Kr-86

Cross Section -100.0 To 67.68 %

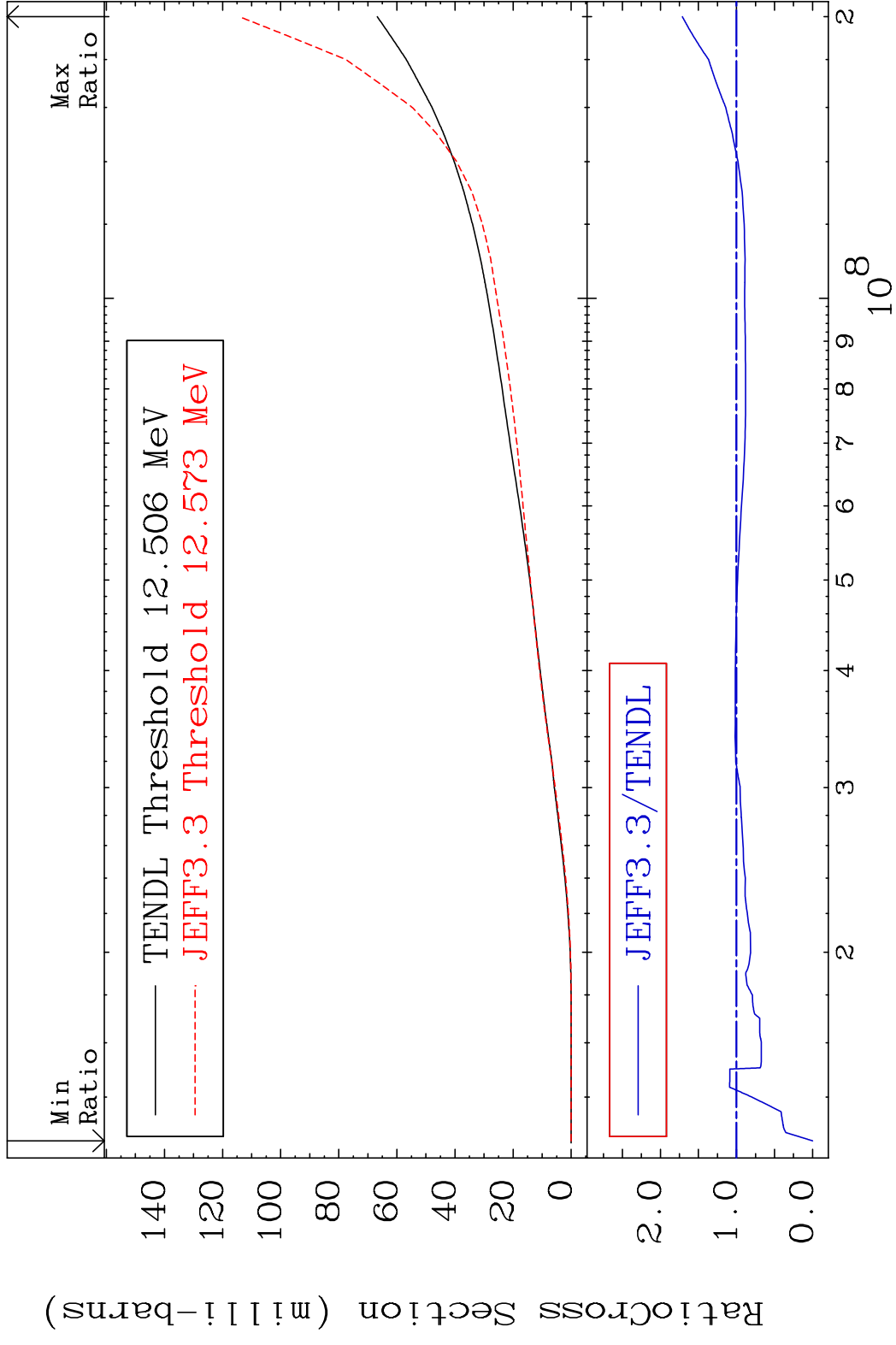


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Incident Energy (eV)

36-Kr-86

MAT 3649 Tritium Production 36-Kr-86  
 Cross Section -100.0 To 71.17 %

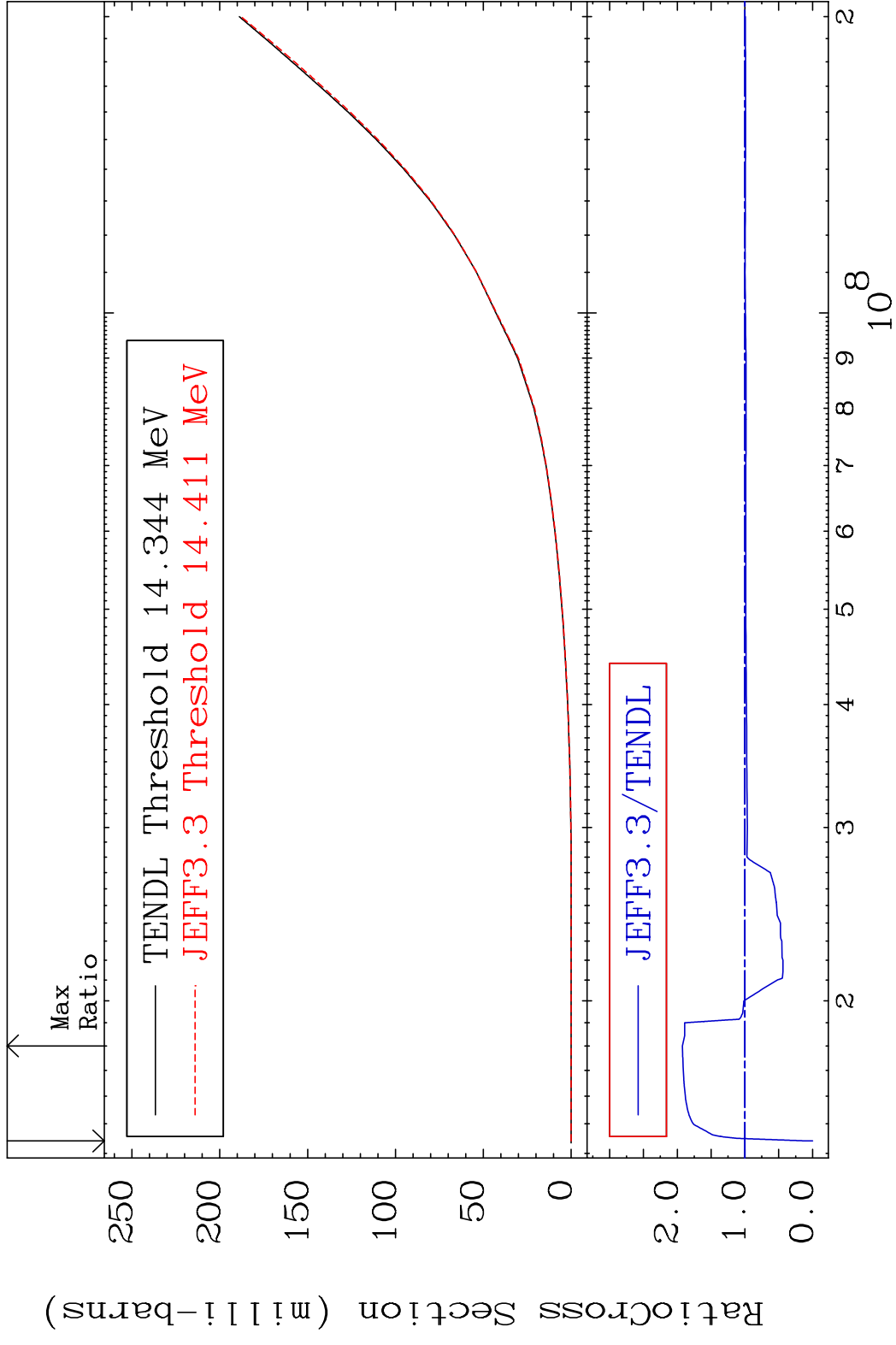


MAT 3649

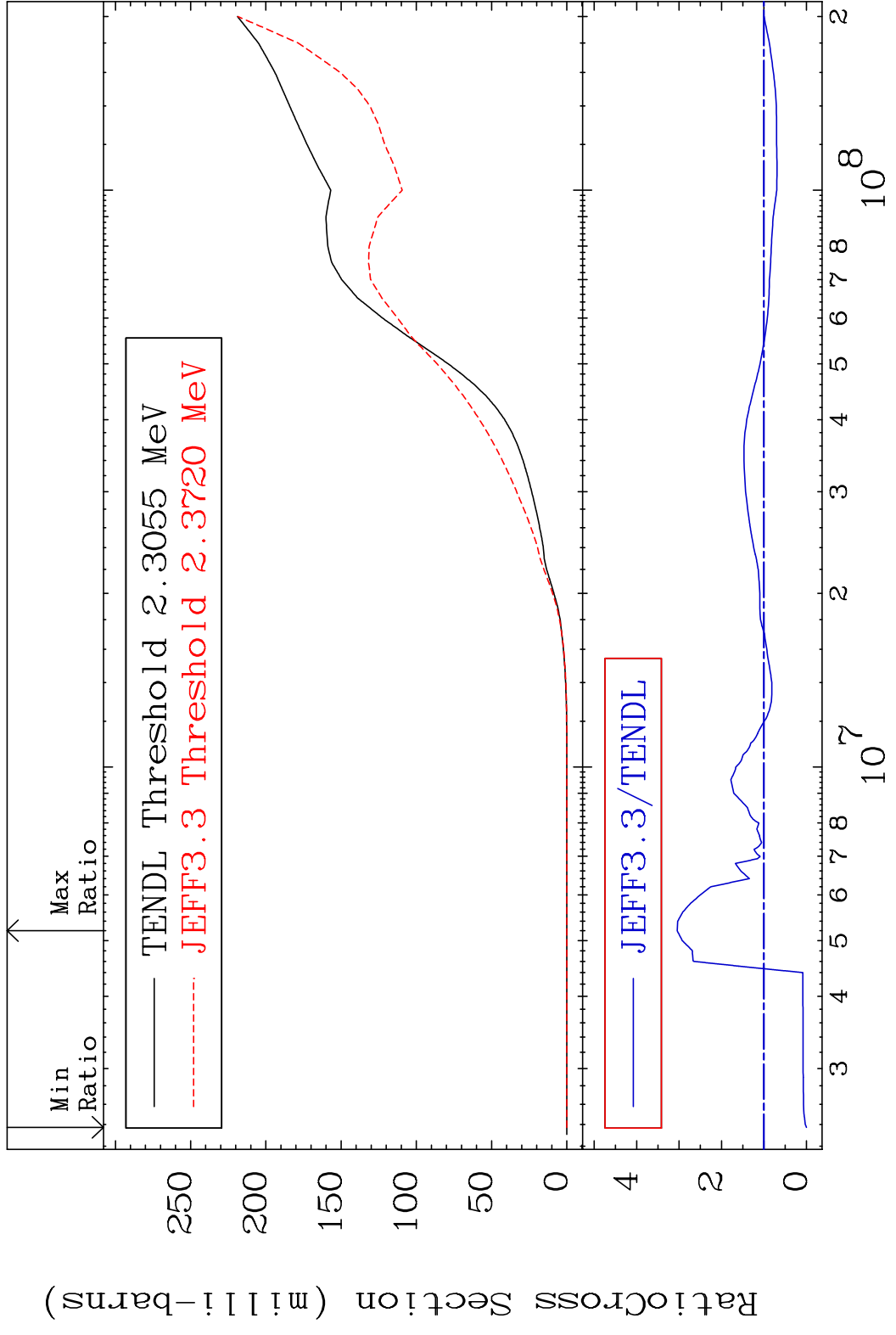
He-3 Production

36-Kr-86

Cross Section -100.0 To 92.48 %

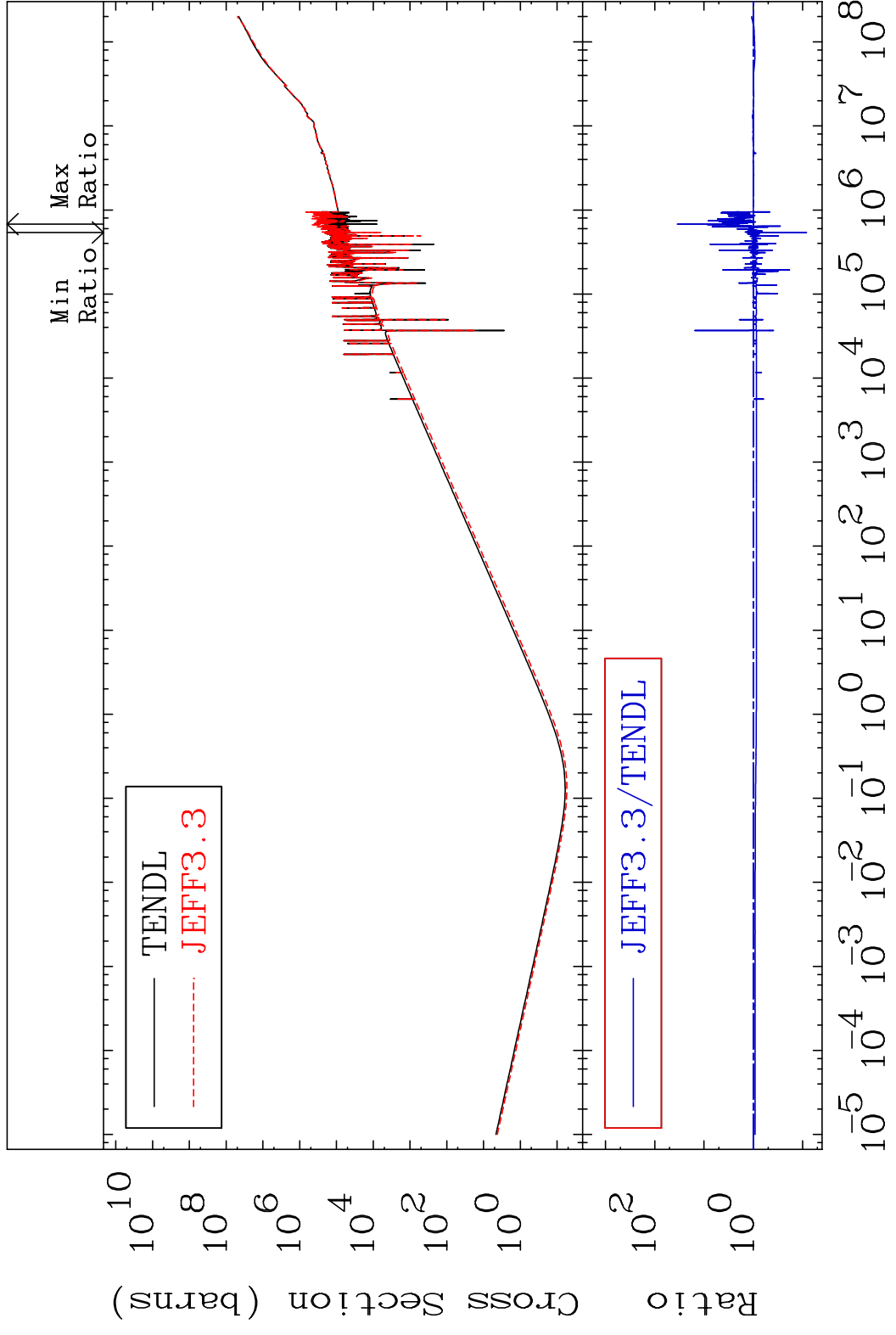


MAT 3649 He-4 Production 36-Kr-86  
 Cross Section -100.0 To 204.5 %



MAT 3649

Kerma total (eV-barns) 36-Kr-86  
Cross Section -91.66 To 3403. %



61

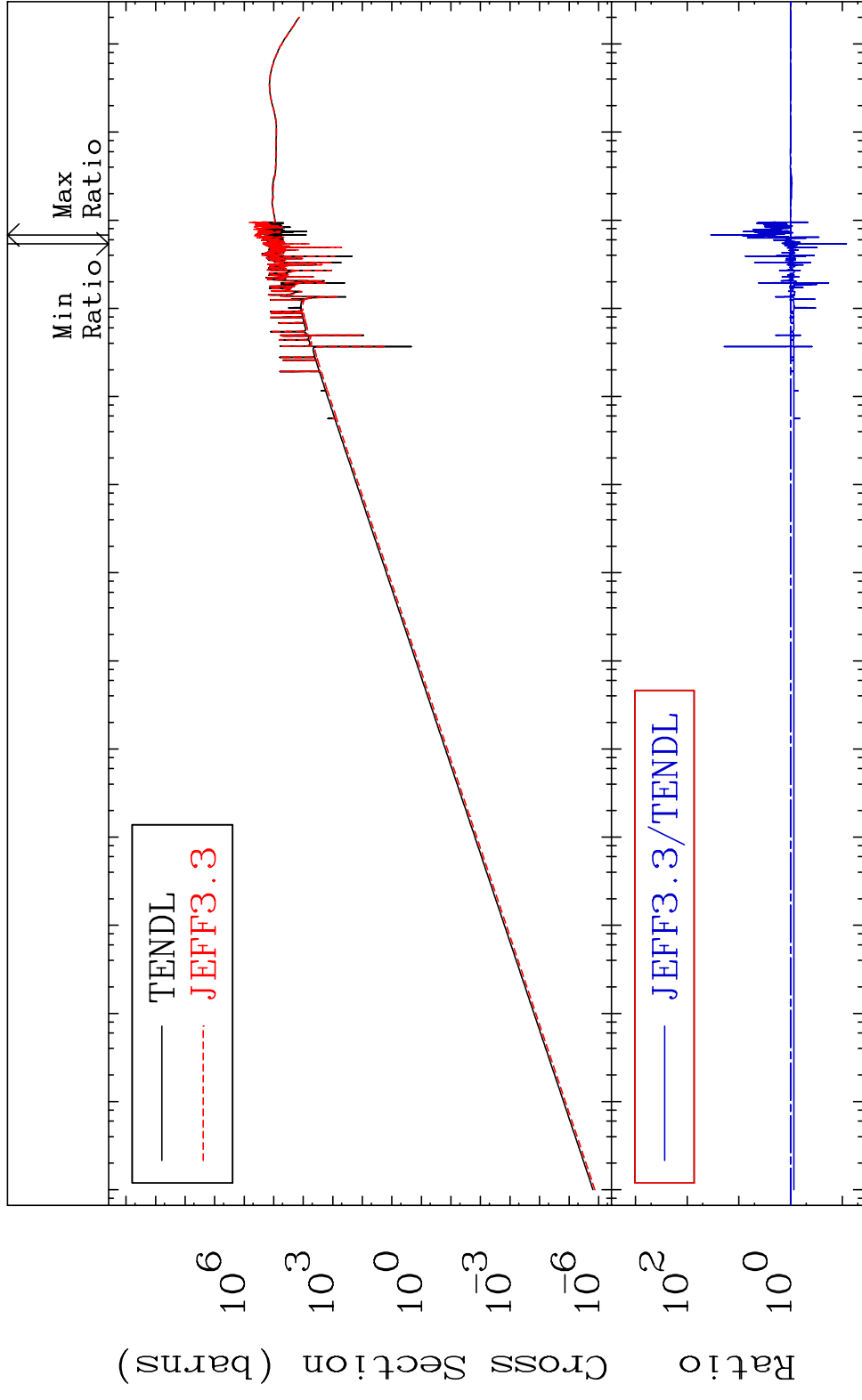
Incident Energy (eV)

36-Kr-86

MAT 3649

Kerma elastic  
Cross Section

36-Kr-86  
-91.66 To 3403. %



Ratio  
Cross Section (barns)

10<sup>6</sup>  
10<sup>3</sup>  
10<sup>0</sup>  
10<sup>-3</sup>  
10<sup>-6</sup>  
10<sup>2</sup>  
10<sup>0</sup>

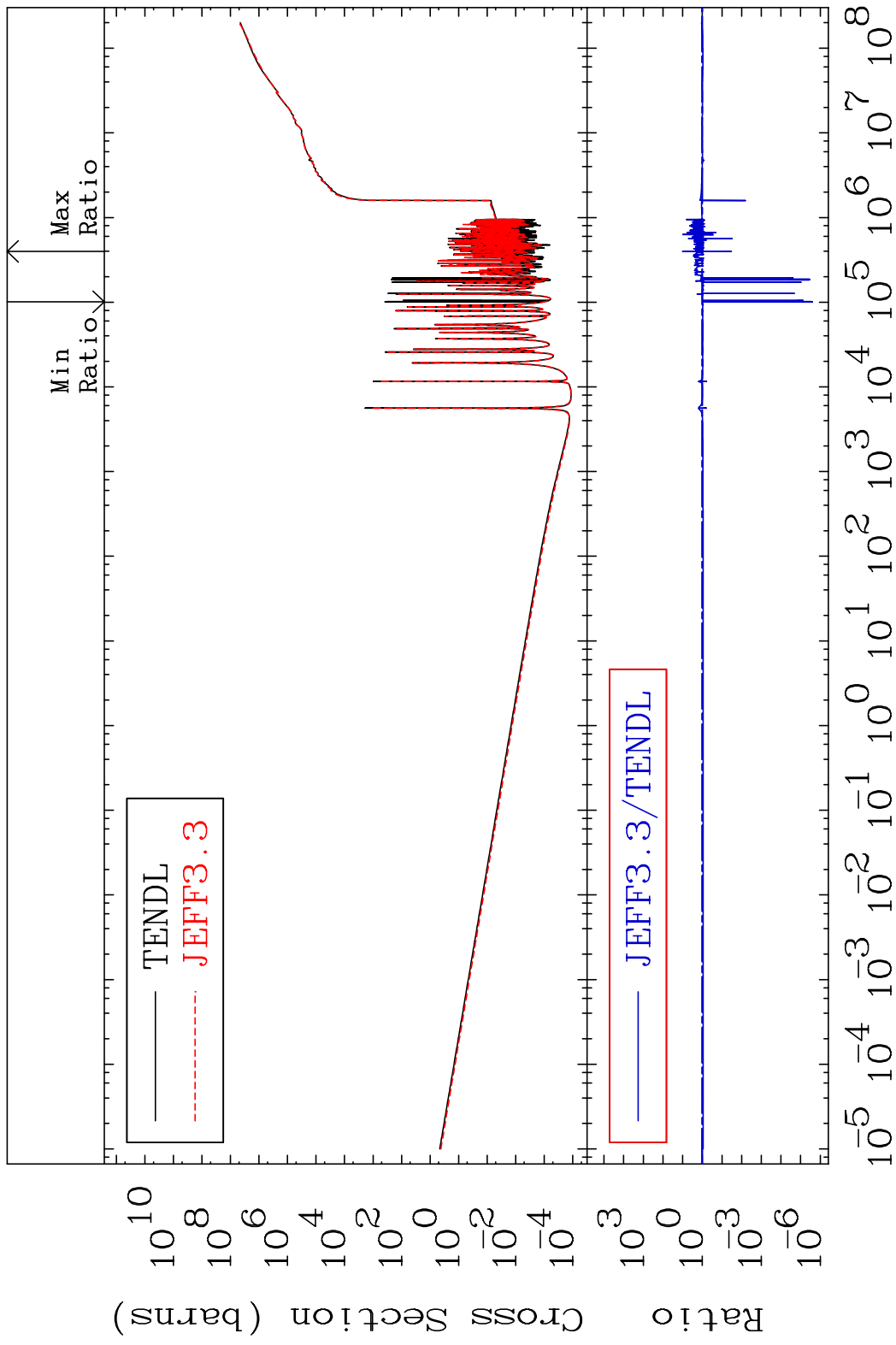
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

62

Incident Energy (eV)

36-Kr-86

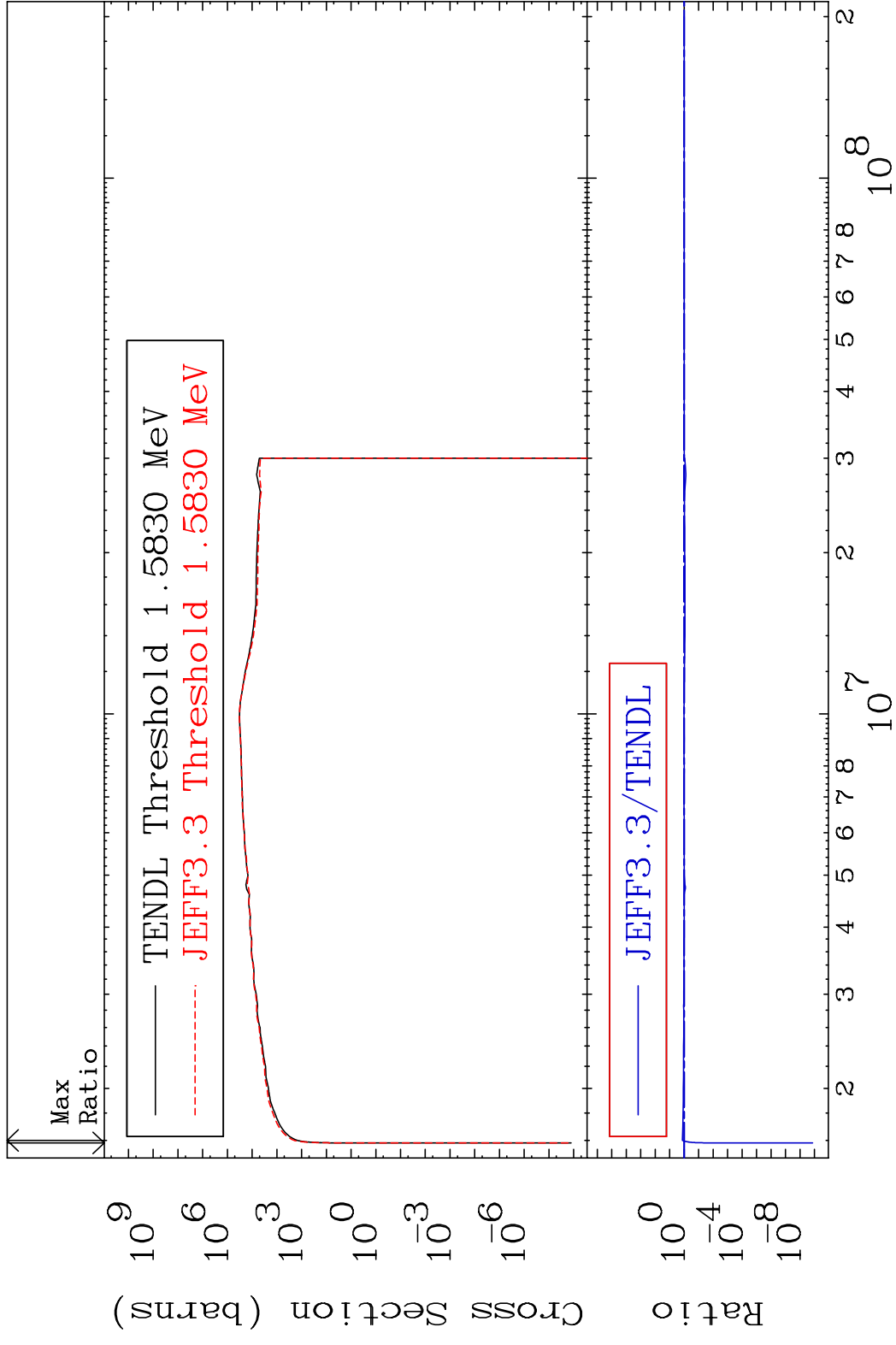
MAT 3649 Kerma non-elastic (all but mt2) 36-Kr-86  
 Cross Section -100.0 To 934.4 %



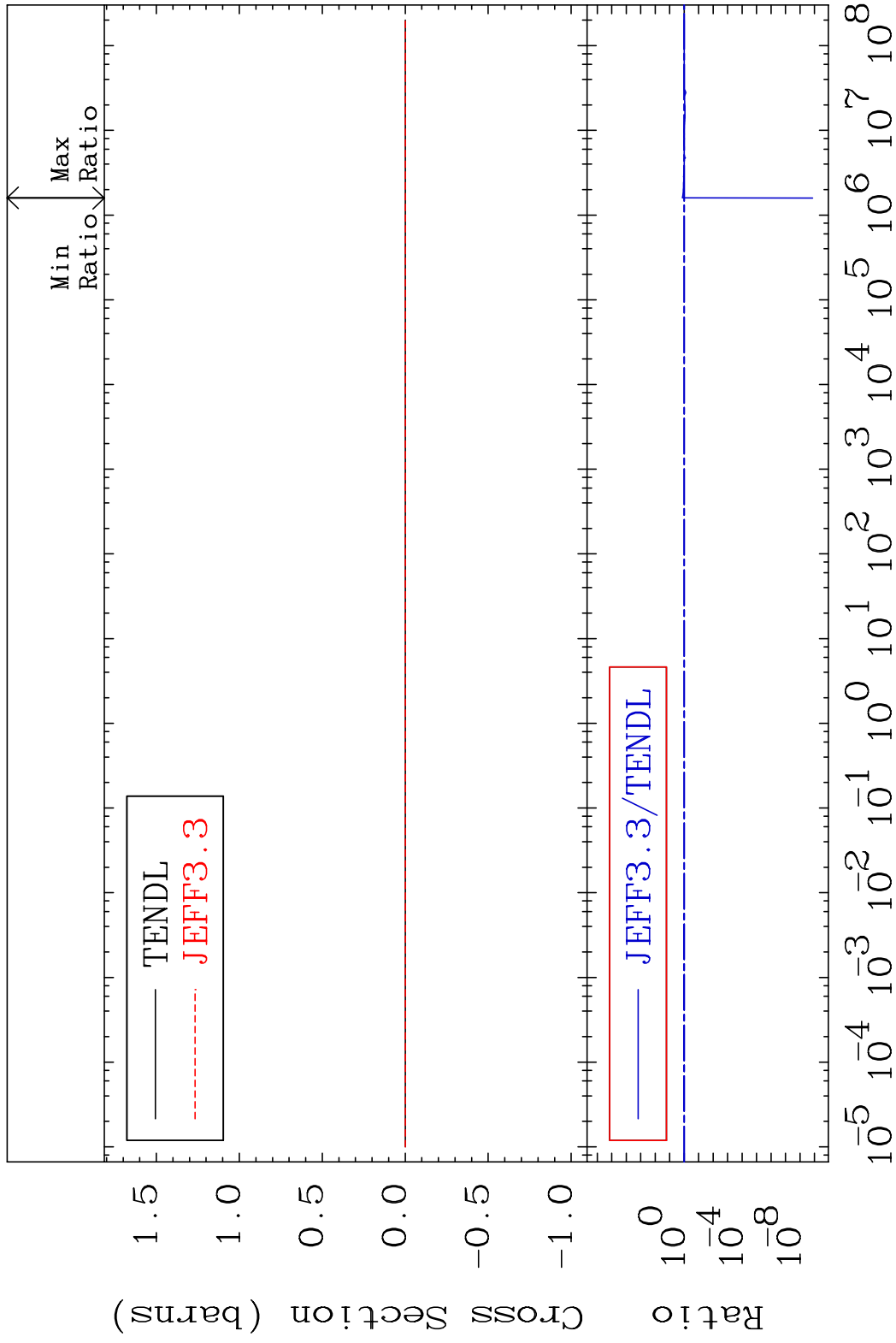
63 Incident Energy (eV) 36-Kr-86



MAT 3649 Kerma inelastic (mt51-91) 36-Kr-86  
 Cross Section -100.0 To 32.90 %

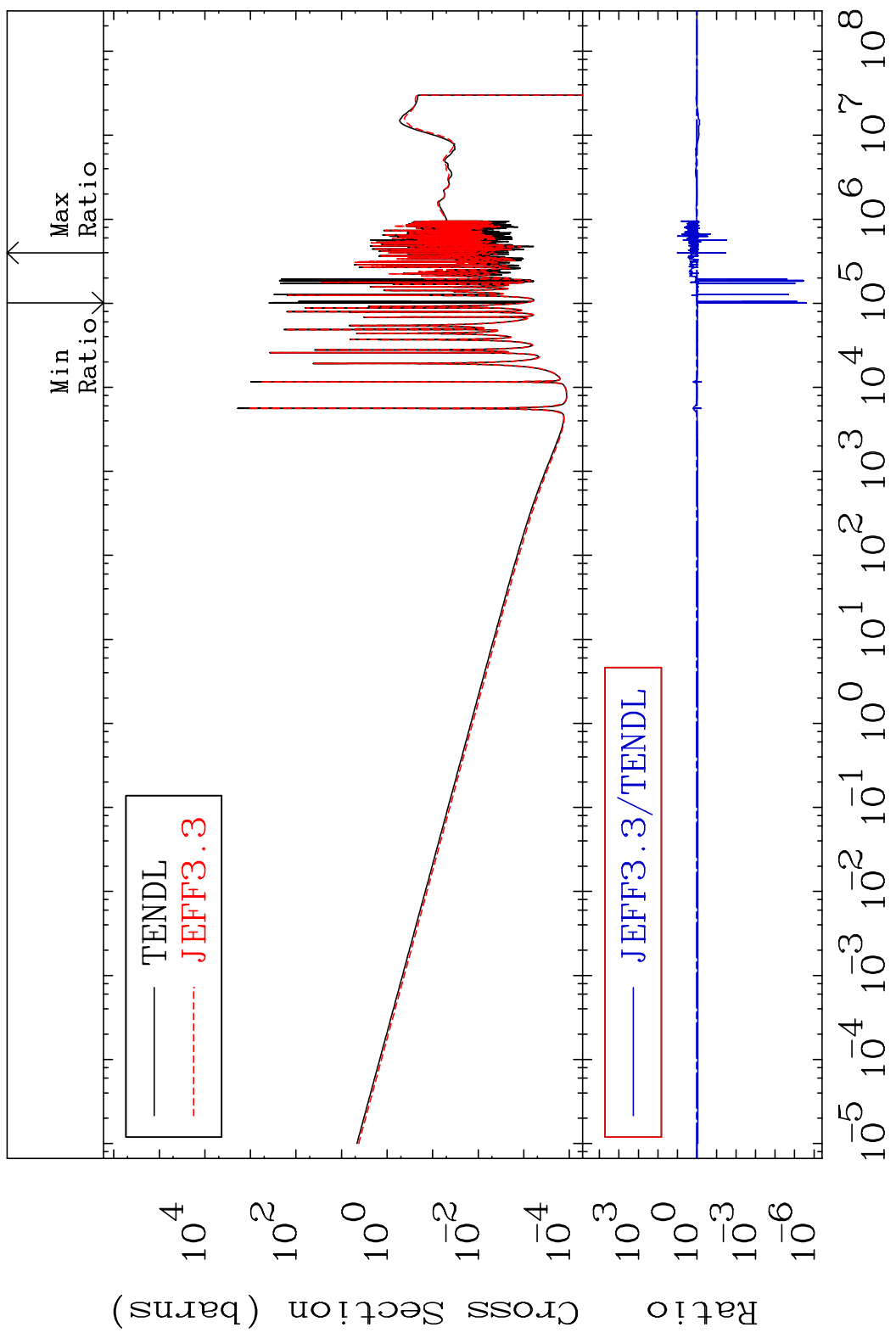


MAT 3649 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-86  
 Cross Section -100.0 To 32.90 %



MAT 3649

Kerma capture (mt102) 36-Kr-86  
Cross Section -100.0 To 934.4 %

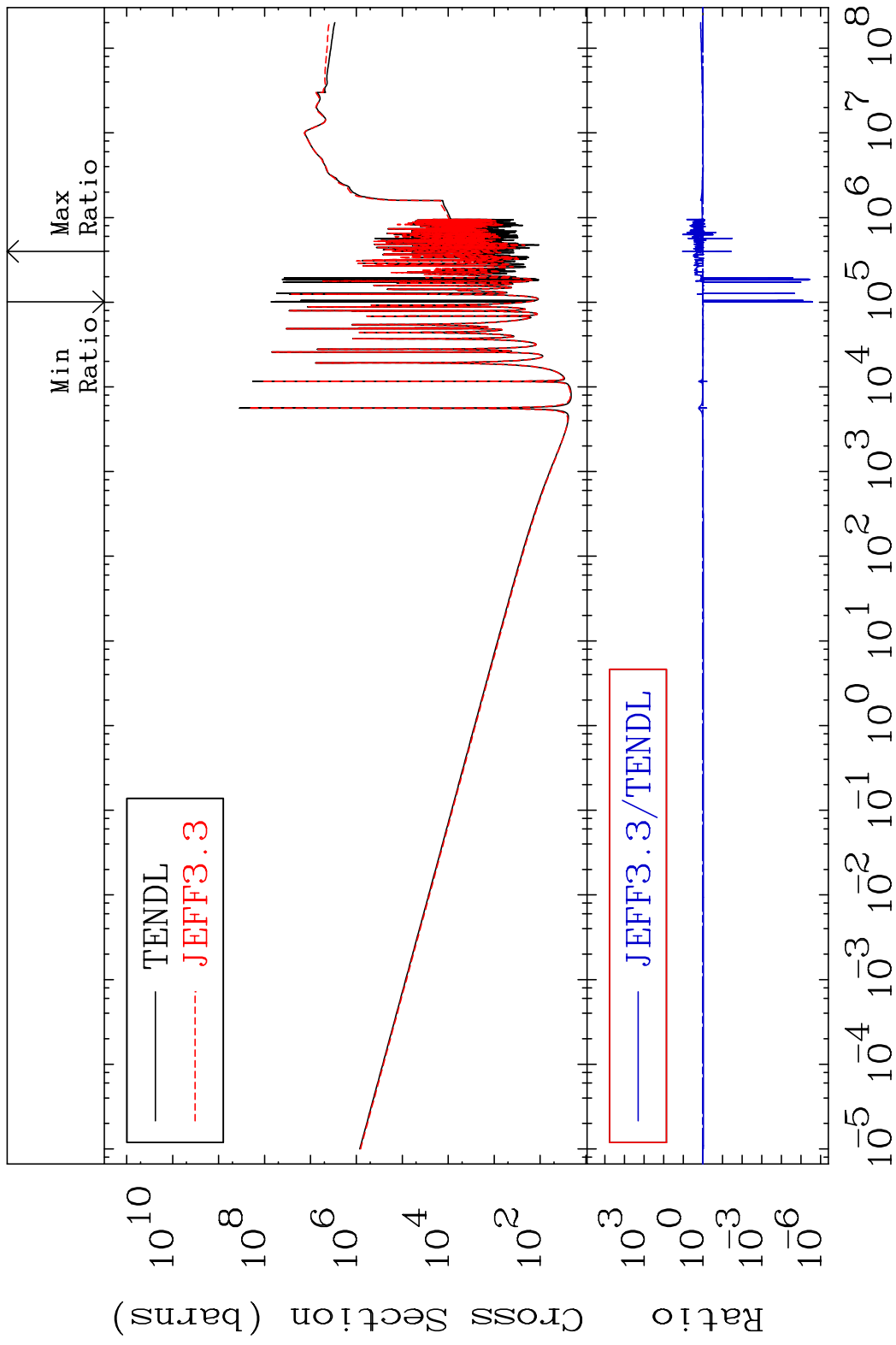


66

Incident Energy (eV)

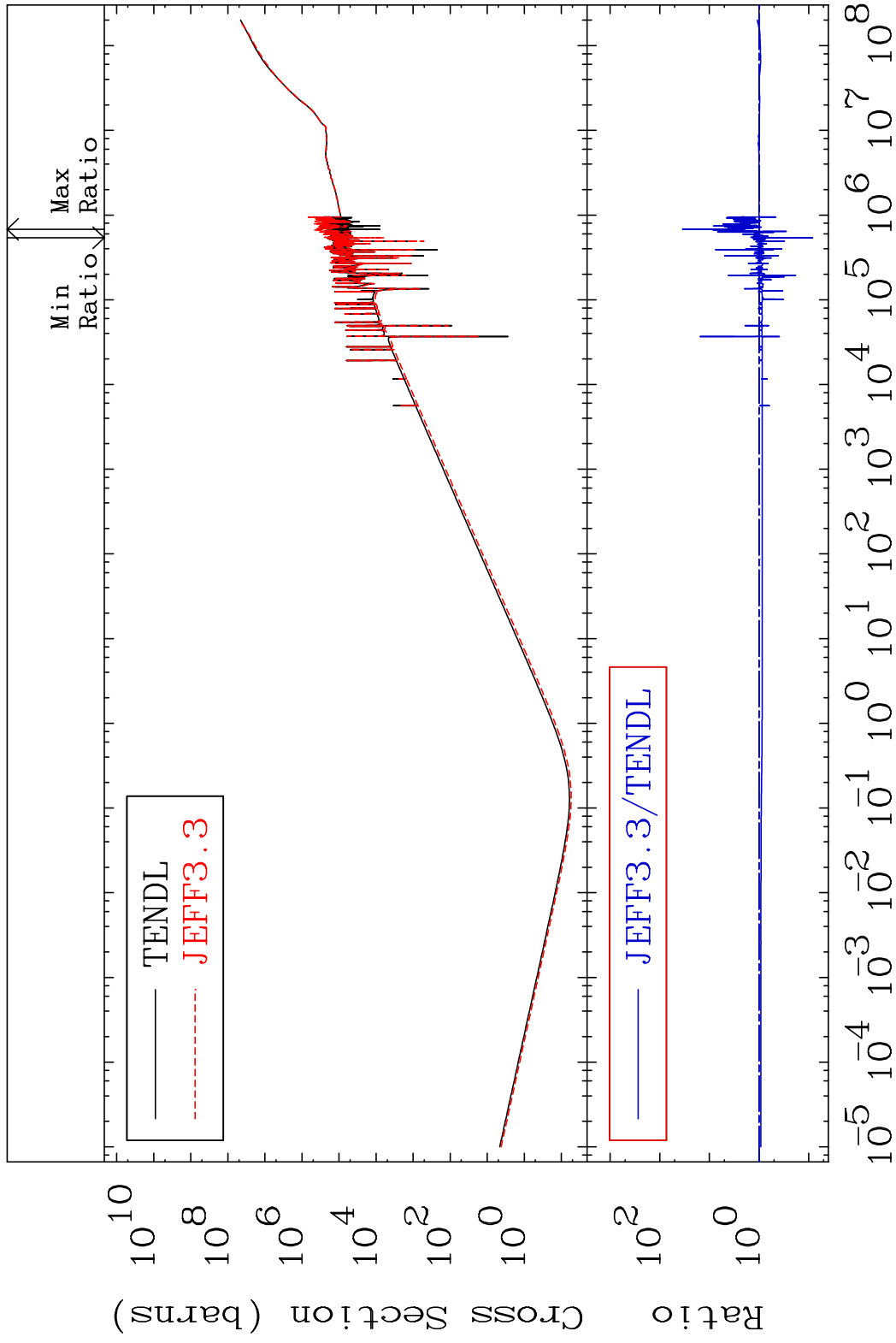
36-Kr-86

MAT 3649 Total photon (eV-barns) 36-Kr-86  
 Cross Section -100.0 To 1025. %



67 Incident Energy (eV) 36-Kr-86

MAT 3649 Total kinematic kerma (high limit) 36-Kr-86  
 Cross Section -91.66 To 3403. %

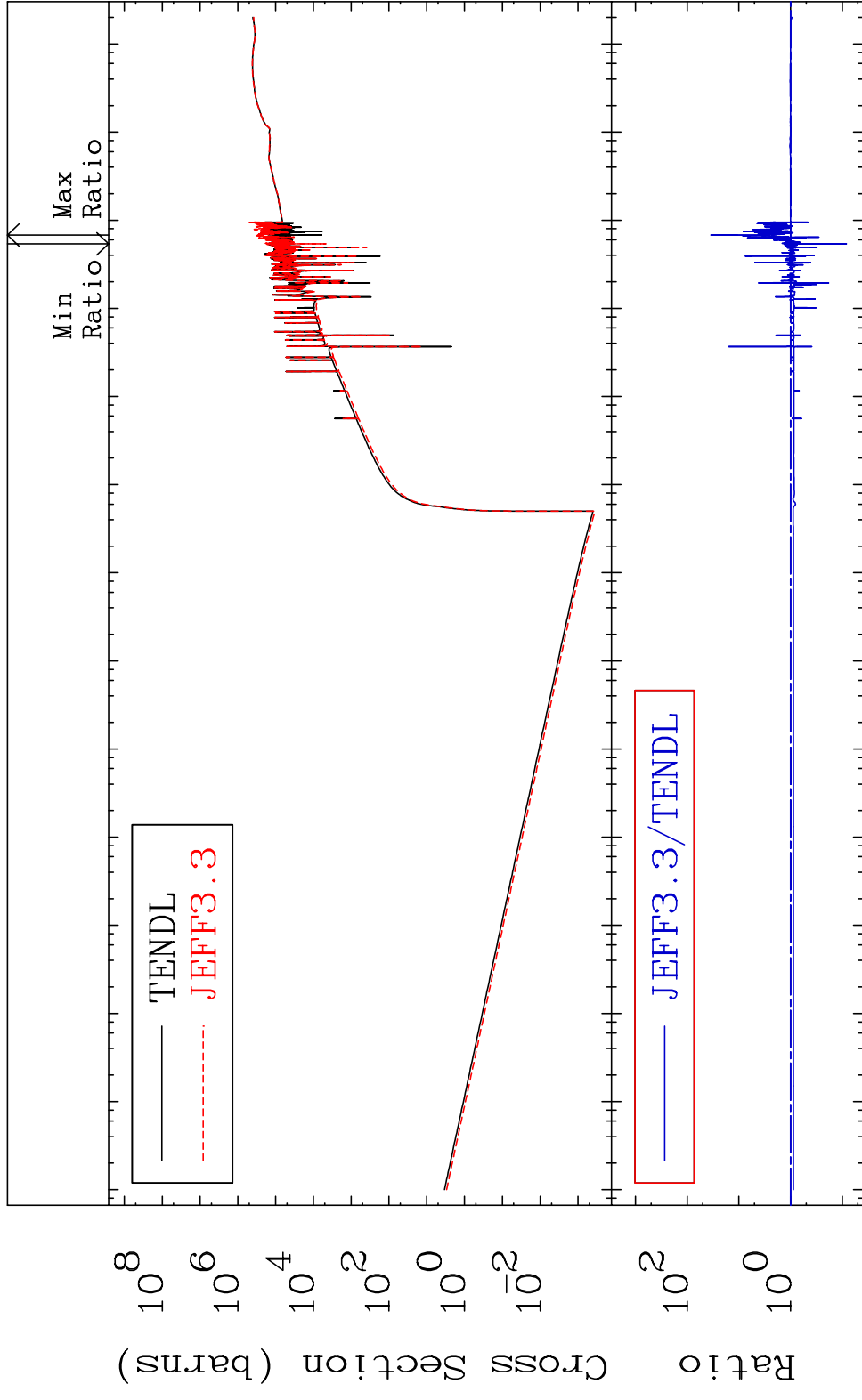


MAT 3649

Dpa total (eV-barns)

36-Kr-86

Cross Section -91.66 To 3403. %



Ratio

69

Incident Energy (eV)

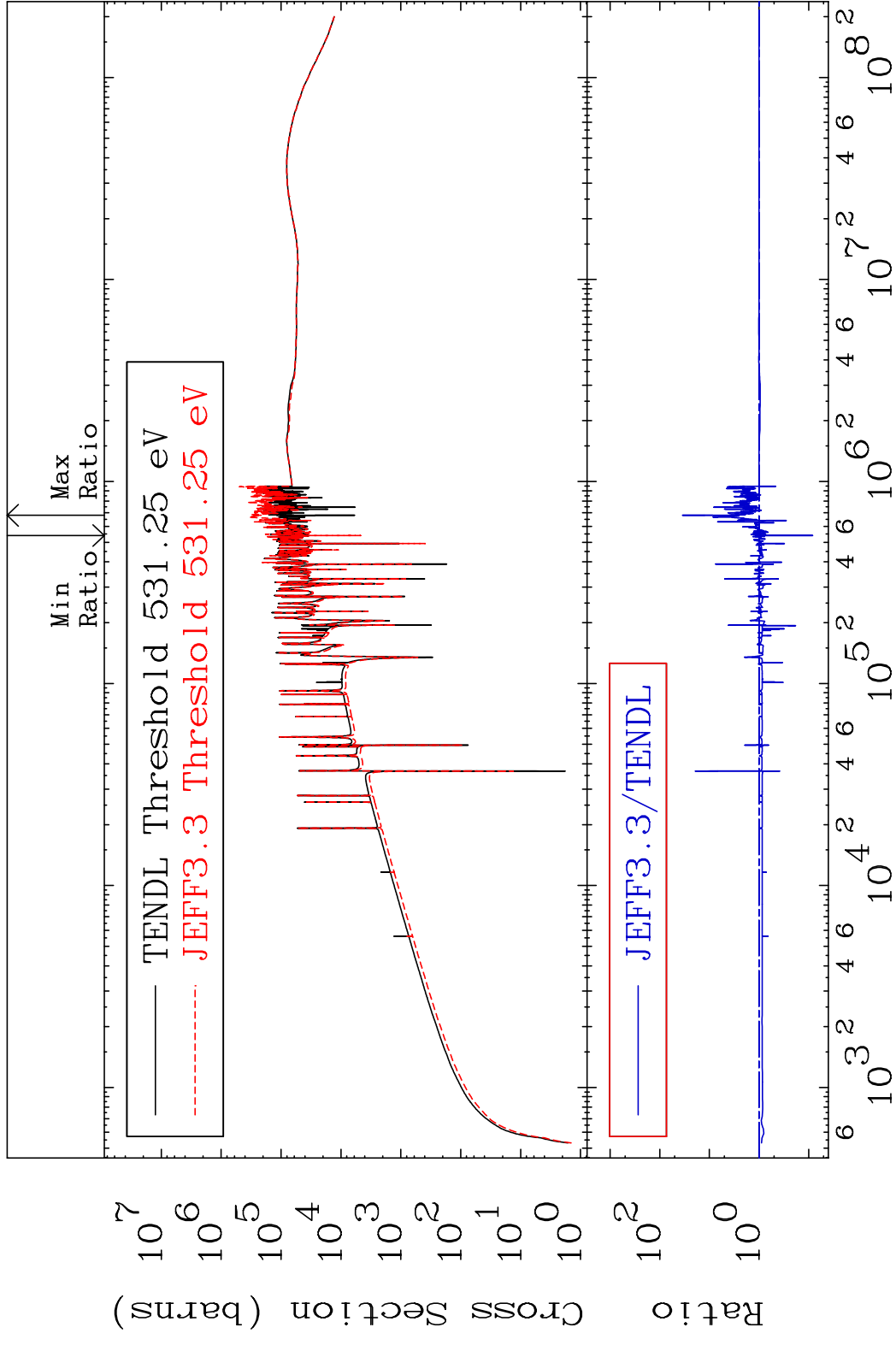
36-Kr-86

MAT 3649

Dpa elastic (mt2)

36-Kr-86

Cross Section -91.66 To 3403. %

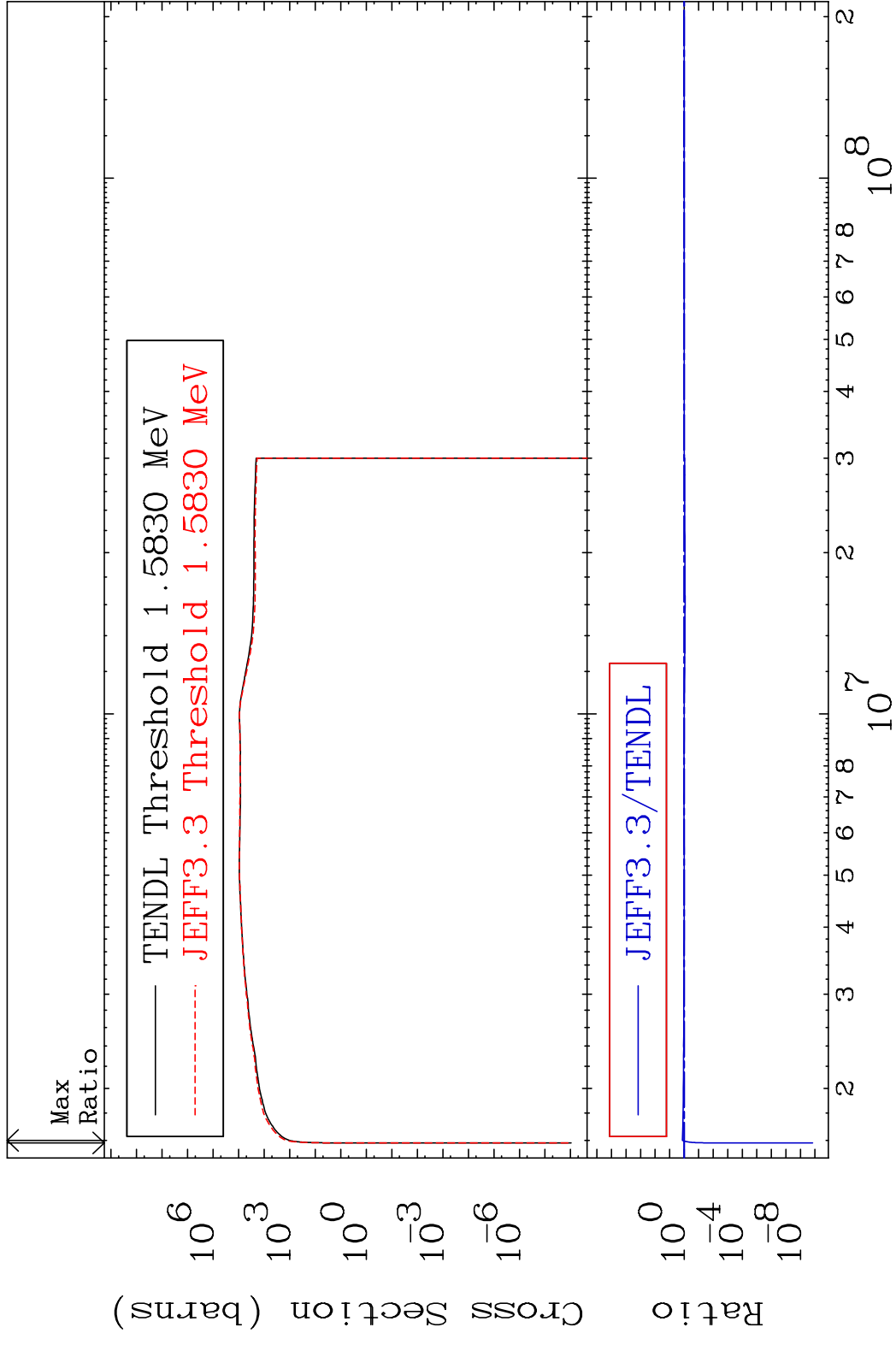


70

Incident Energy (eV)

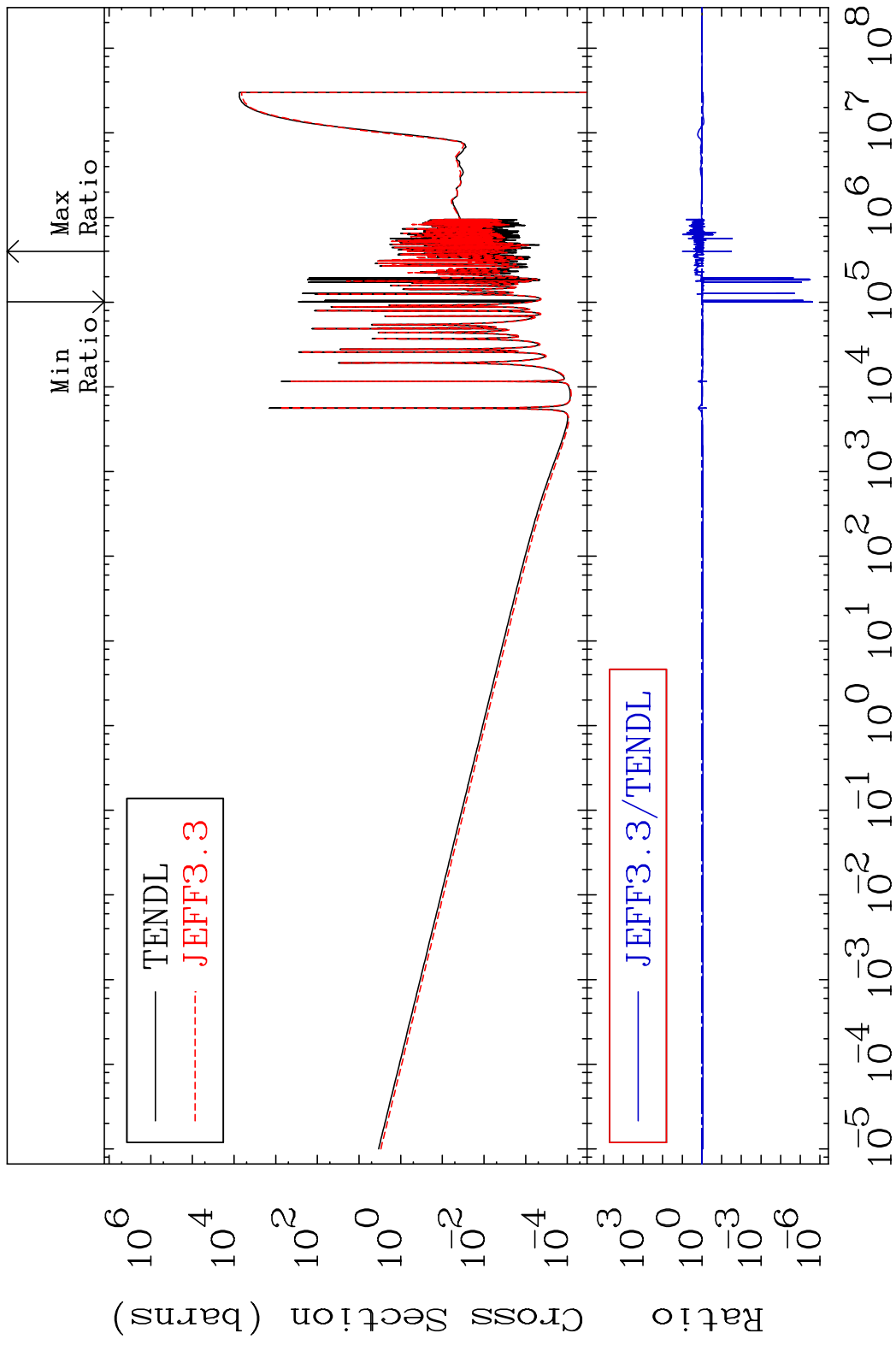
36-Kr-86

MAT 3649 Dpa inelastic (mt51-91) 36-Kr-86  
 Cross Section -100.0 To 32.96 %

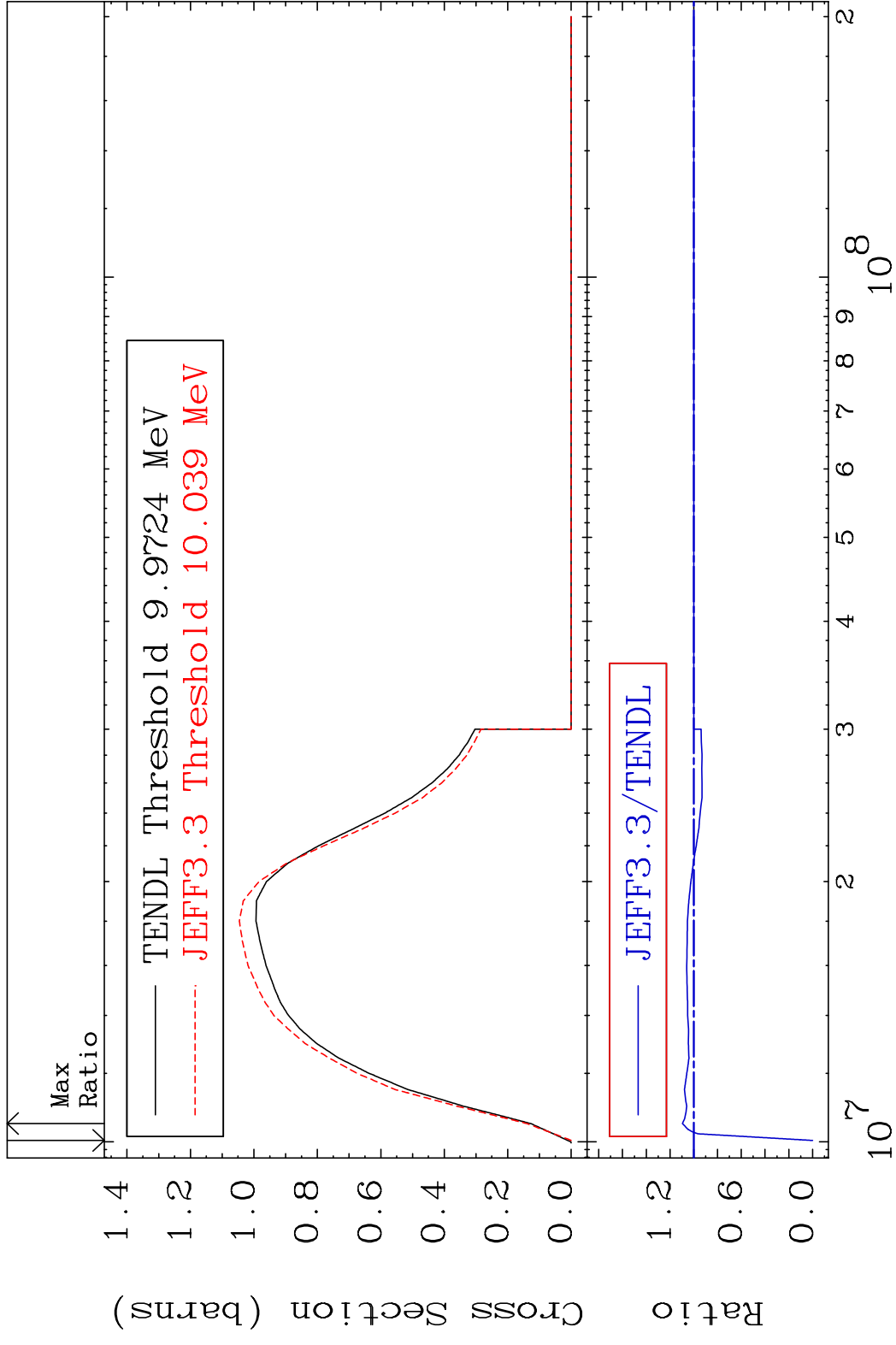




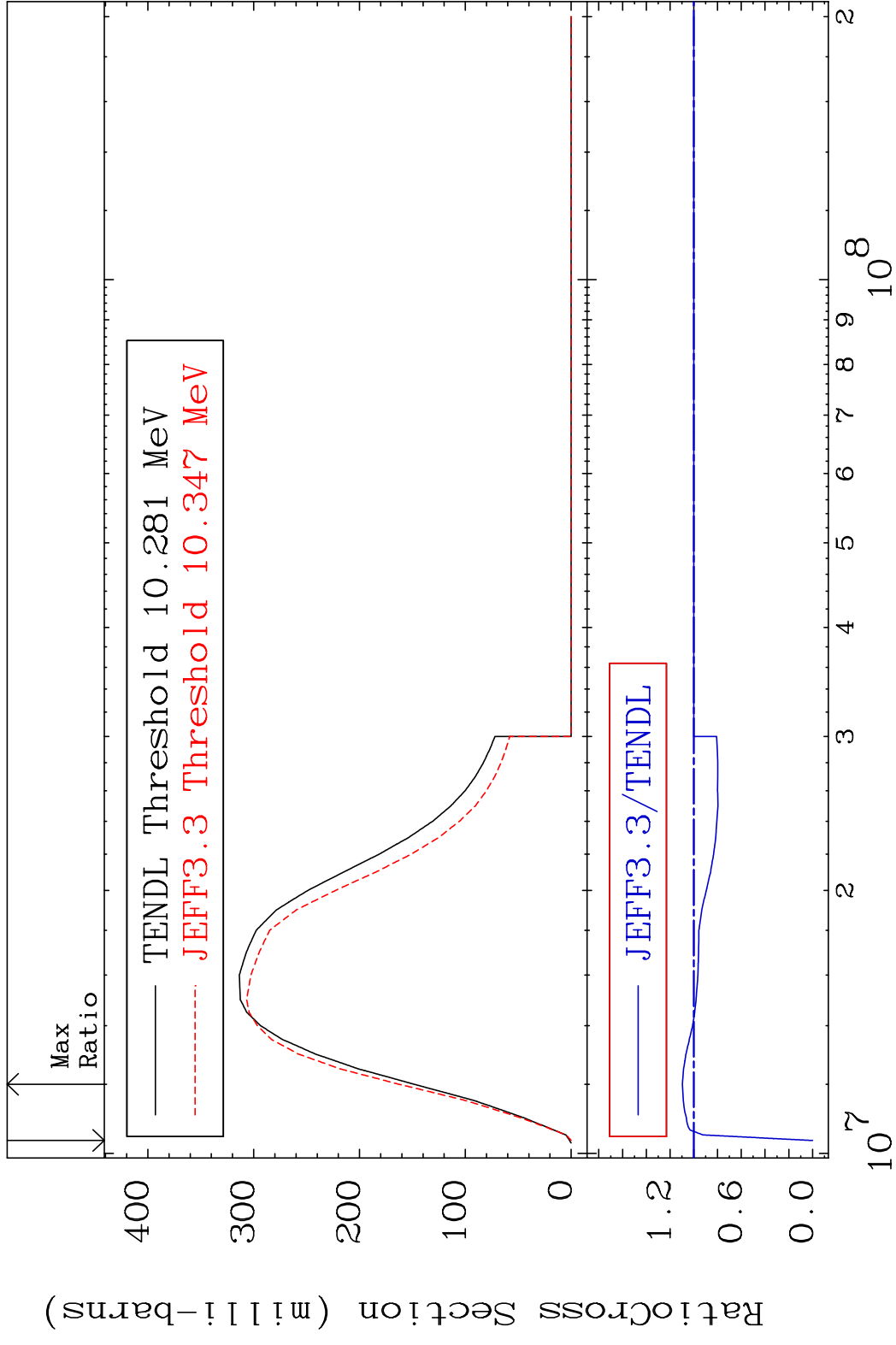
MAT 3649 Dpa disappearance (mt102 -120) 36-Kr-86  
 Cross Section -100.0 To 891.0 %



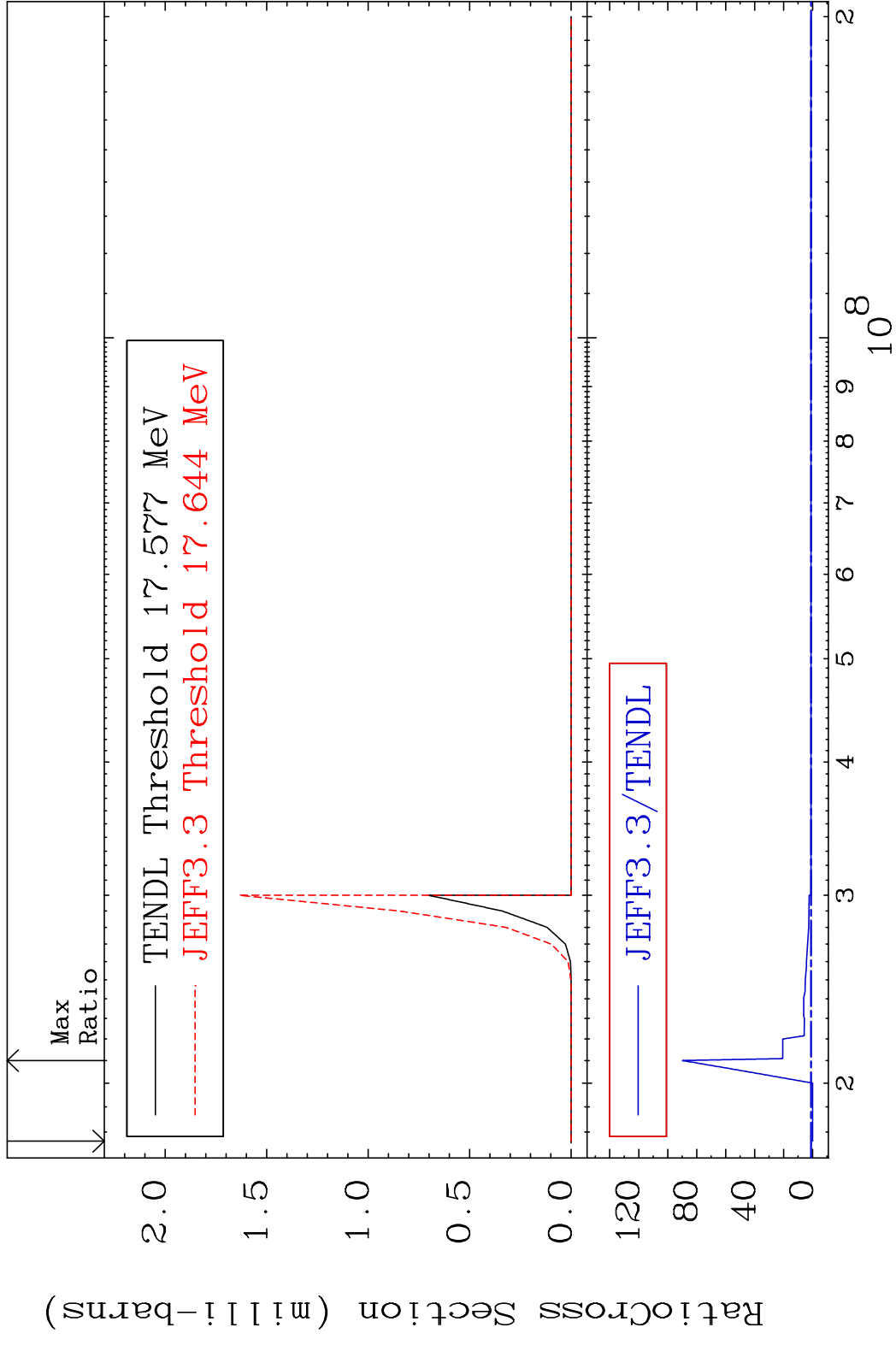
MAT 3649 (n,2n):36-Kr-85g 36-Kr-86  
 Radionuclide Production Cross Section 180.01 dth 9.623 %



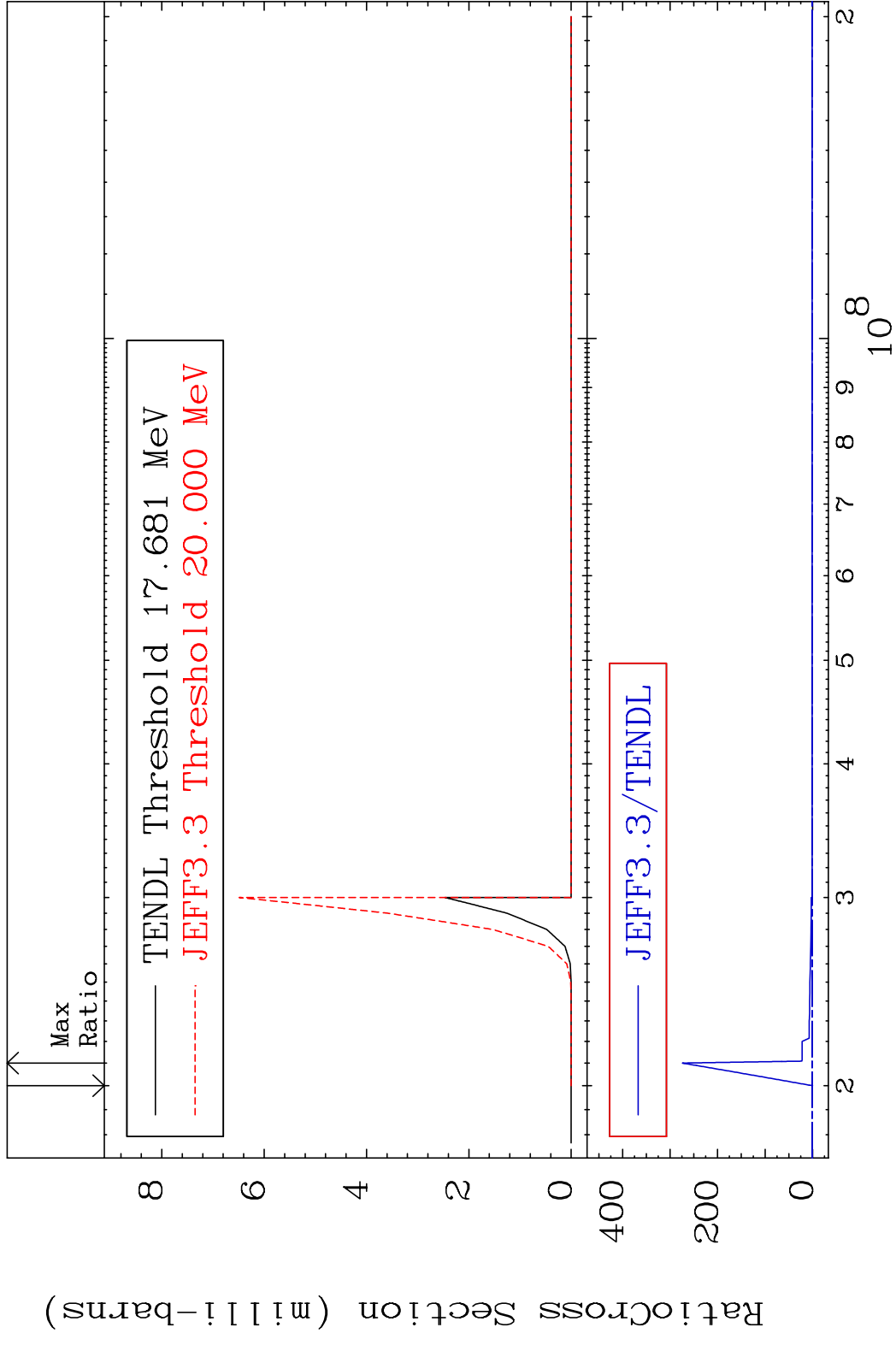
MAT 3649 (n,2n):36-Kr-85m1 36-Kr-86  
 Radionuclide Production Cross Section Ratio 9.639 %

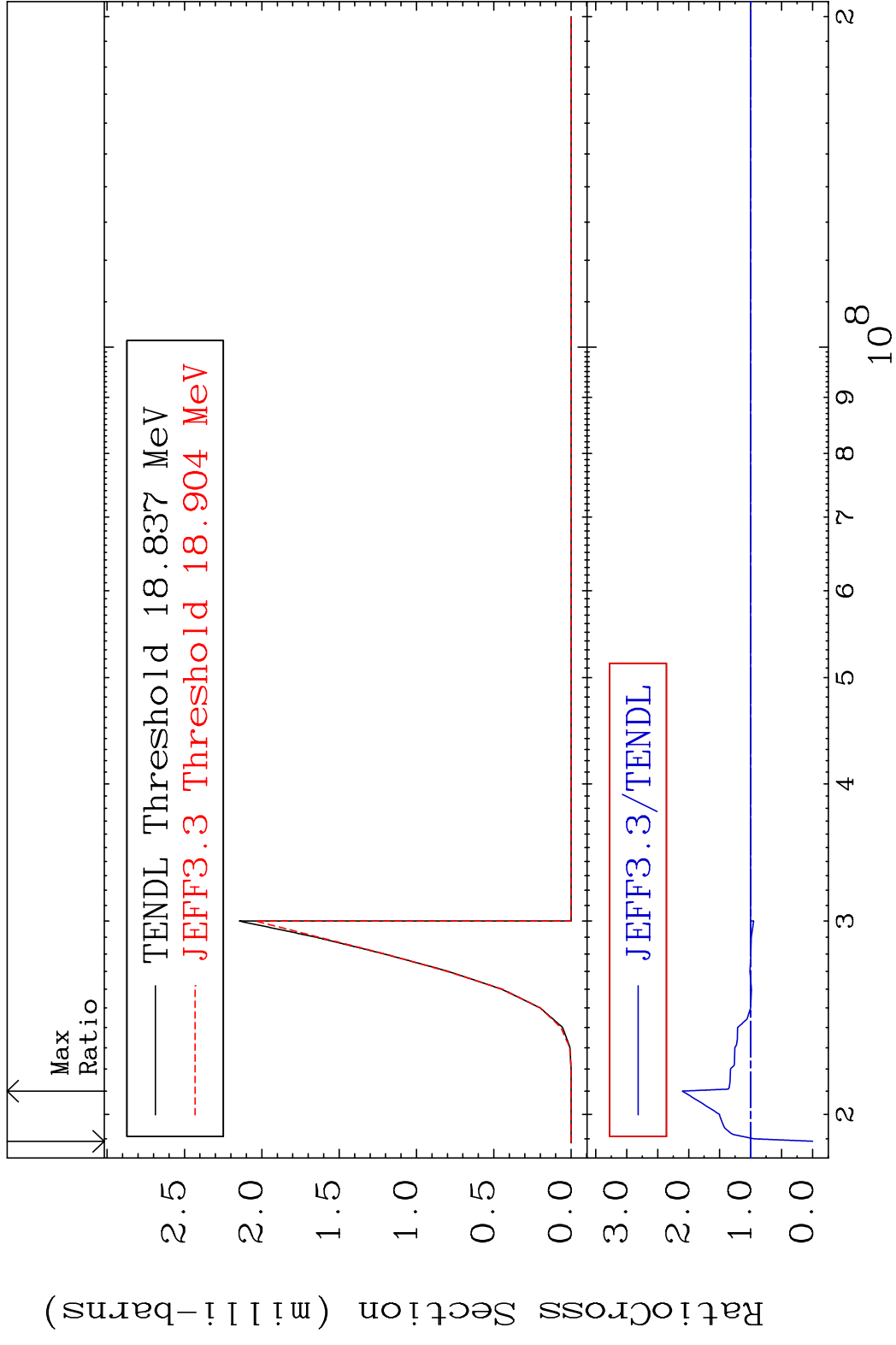


MAT 3649 (n,2n)  $\alpha$ :34-Se-81g 36-Kr-86  
 Radionuclide Production Cross Section 1800 d to 8888. %

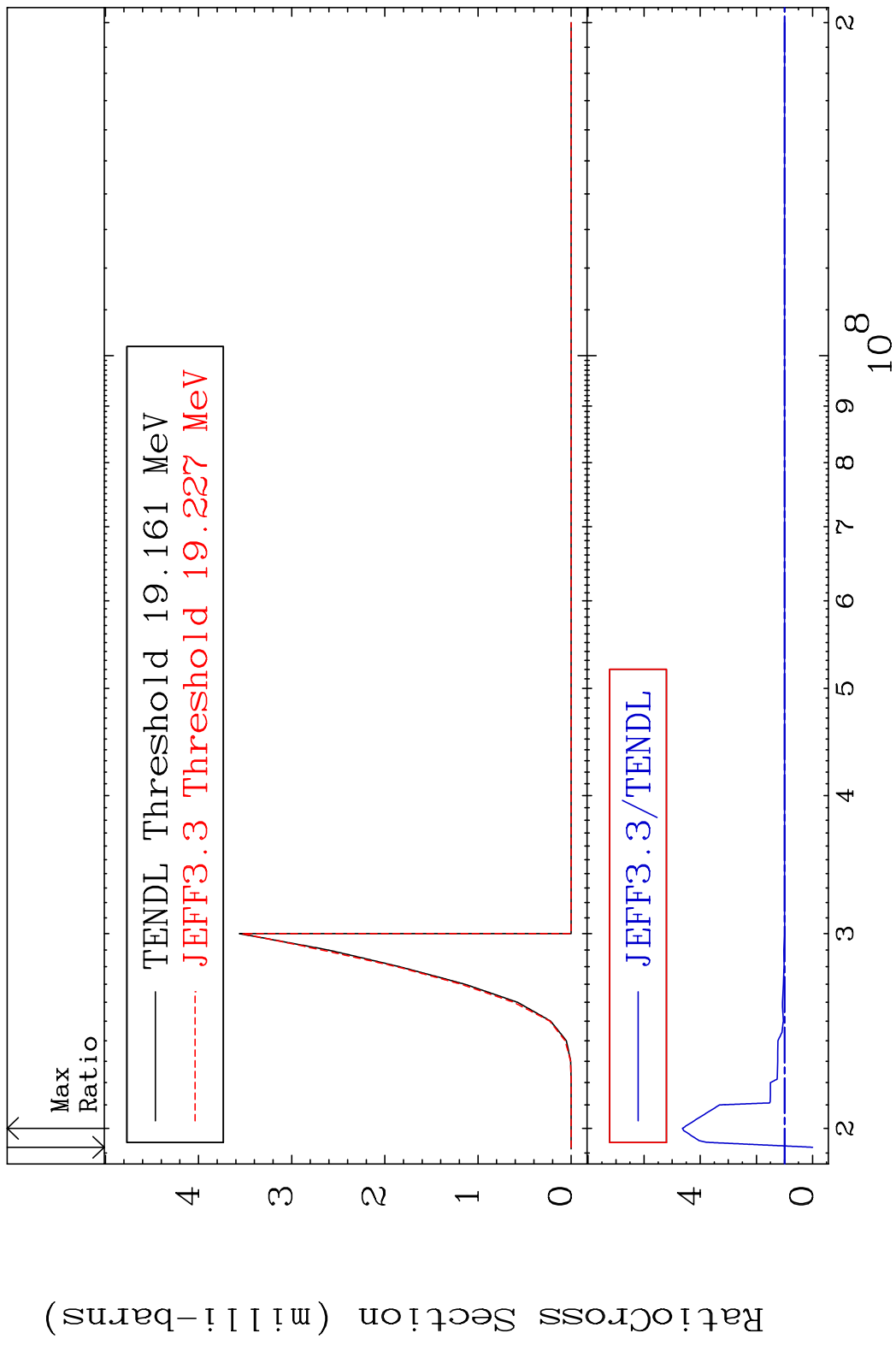


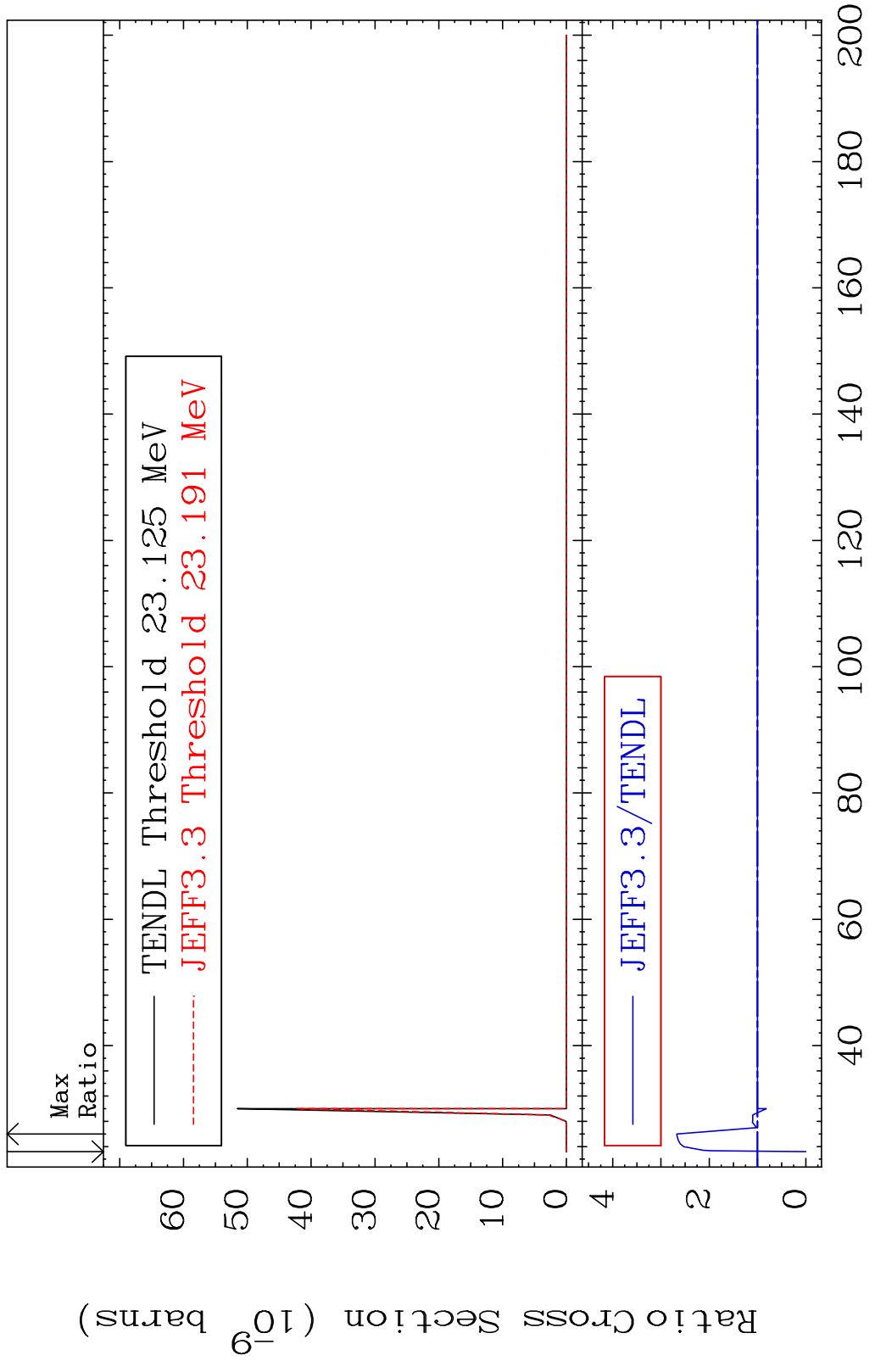
MAT 3649 (n,2n)  $\alpha$ :34-Se-81m1 36-Kr-86  
 Radionuclide Production Cross Section Ratio 9999. %





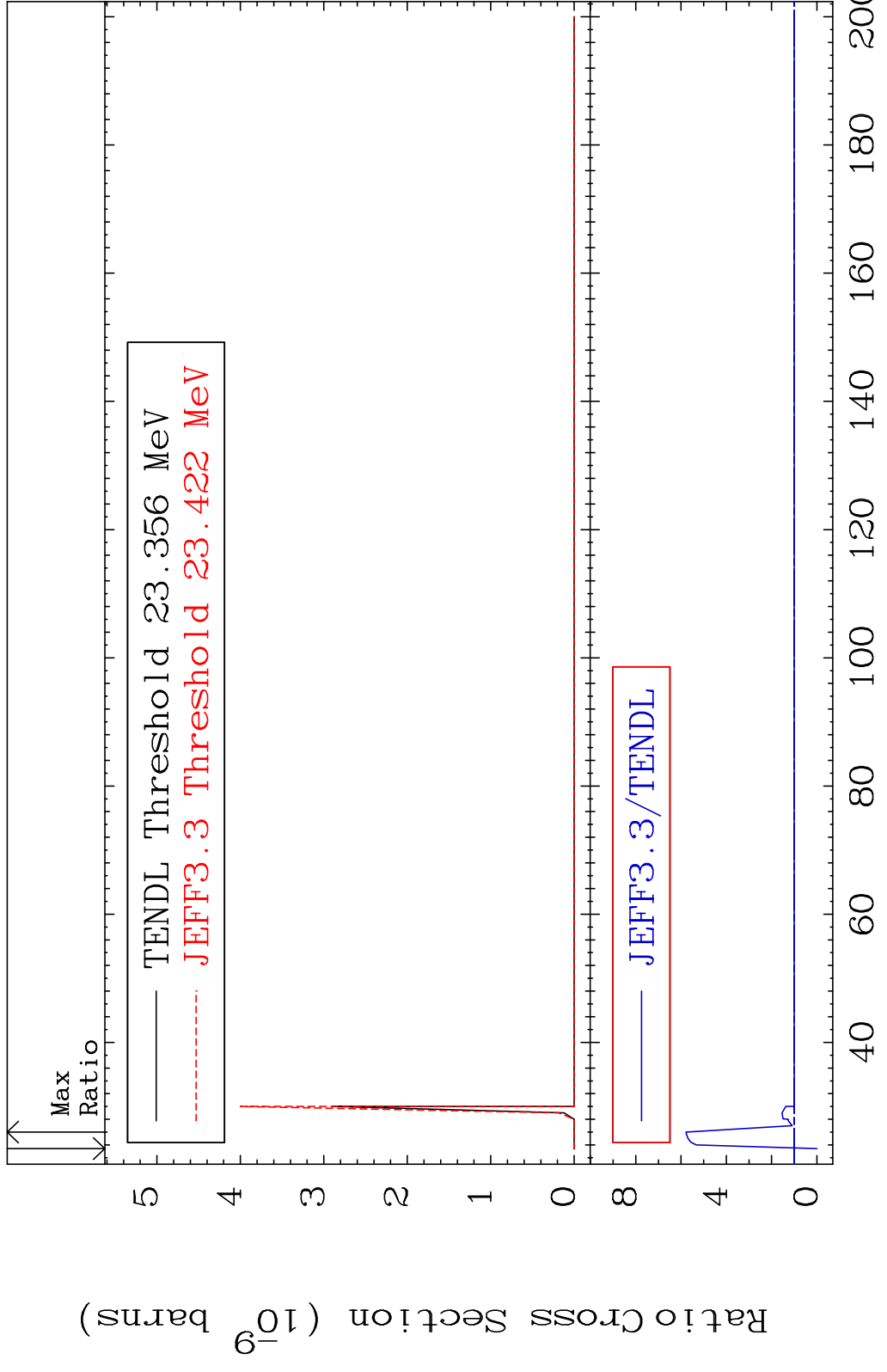
MAT 3649 (n, n') d:35-Br-84m1 36-Kr-86  
 Radionuclide Production Cross Section 180c01 d10 363.7 %



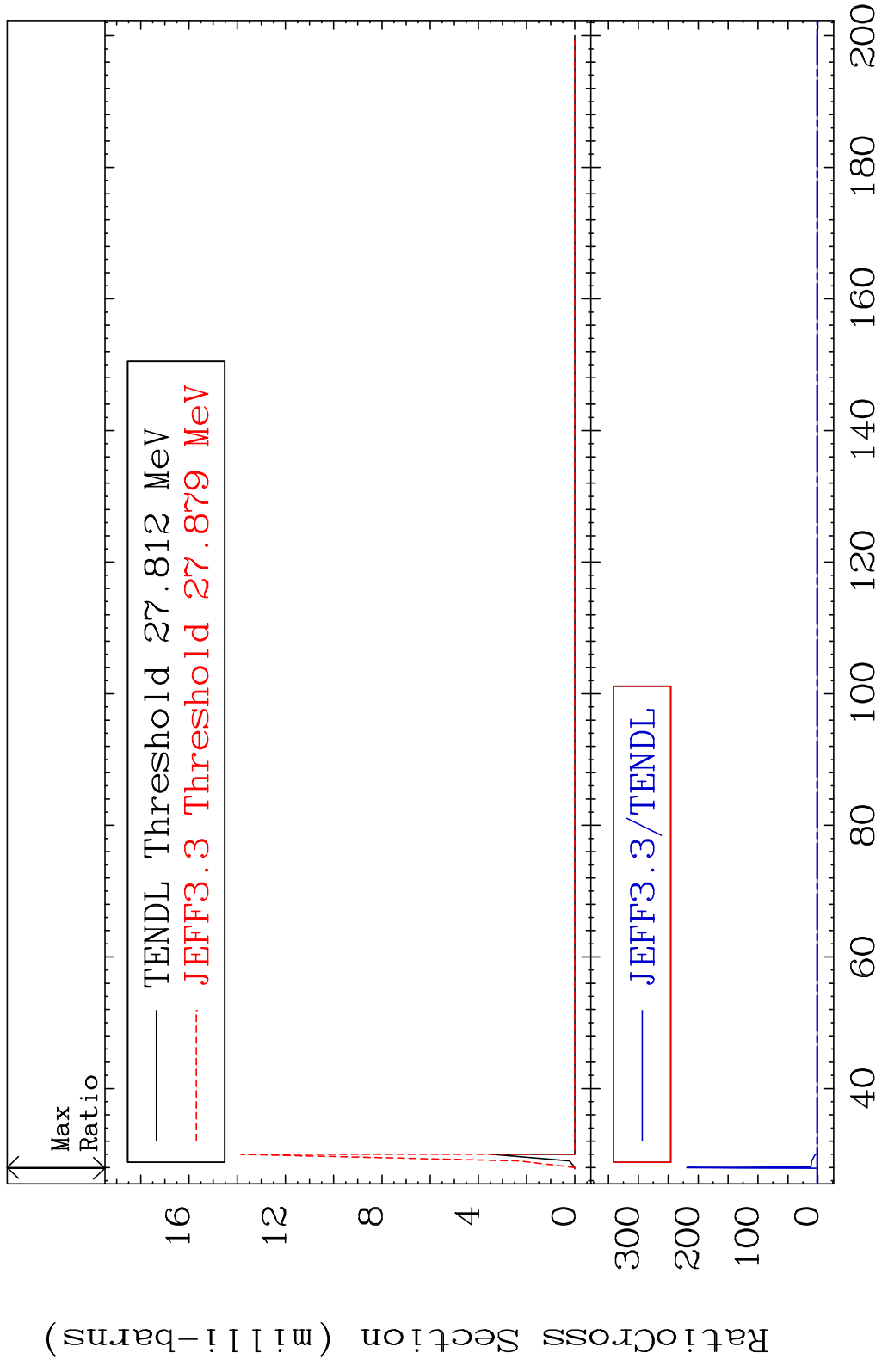


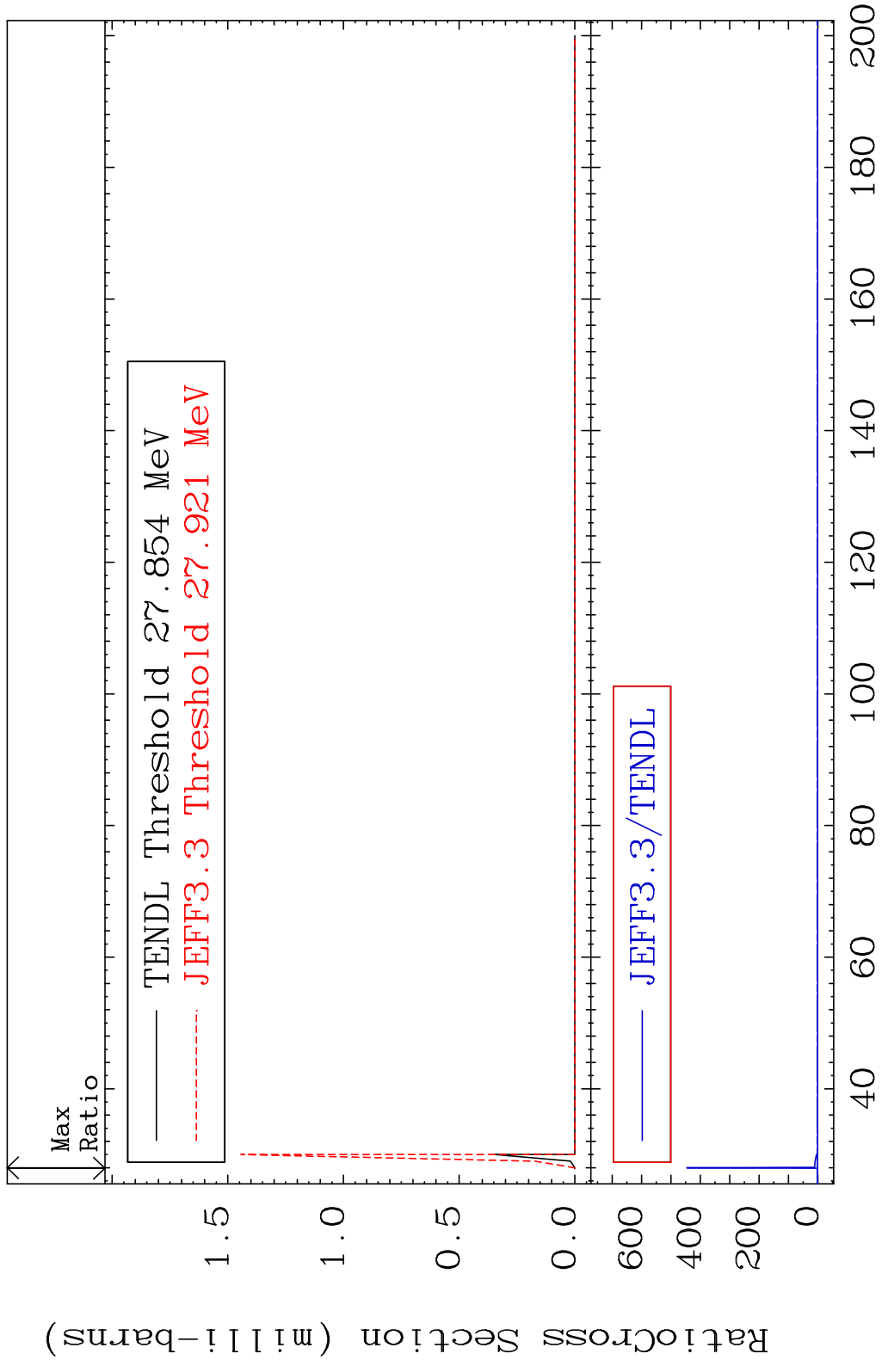


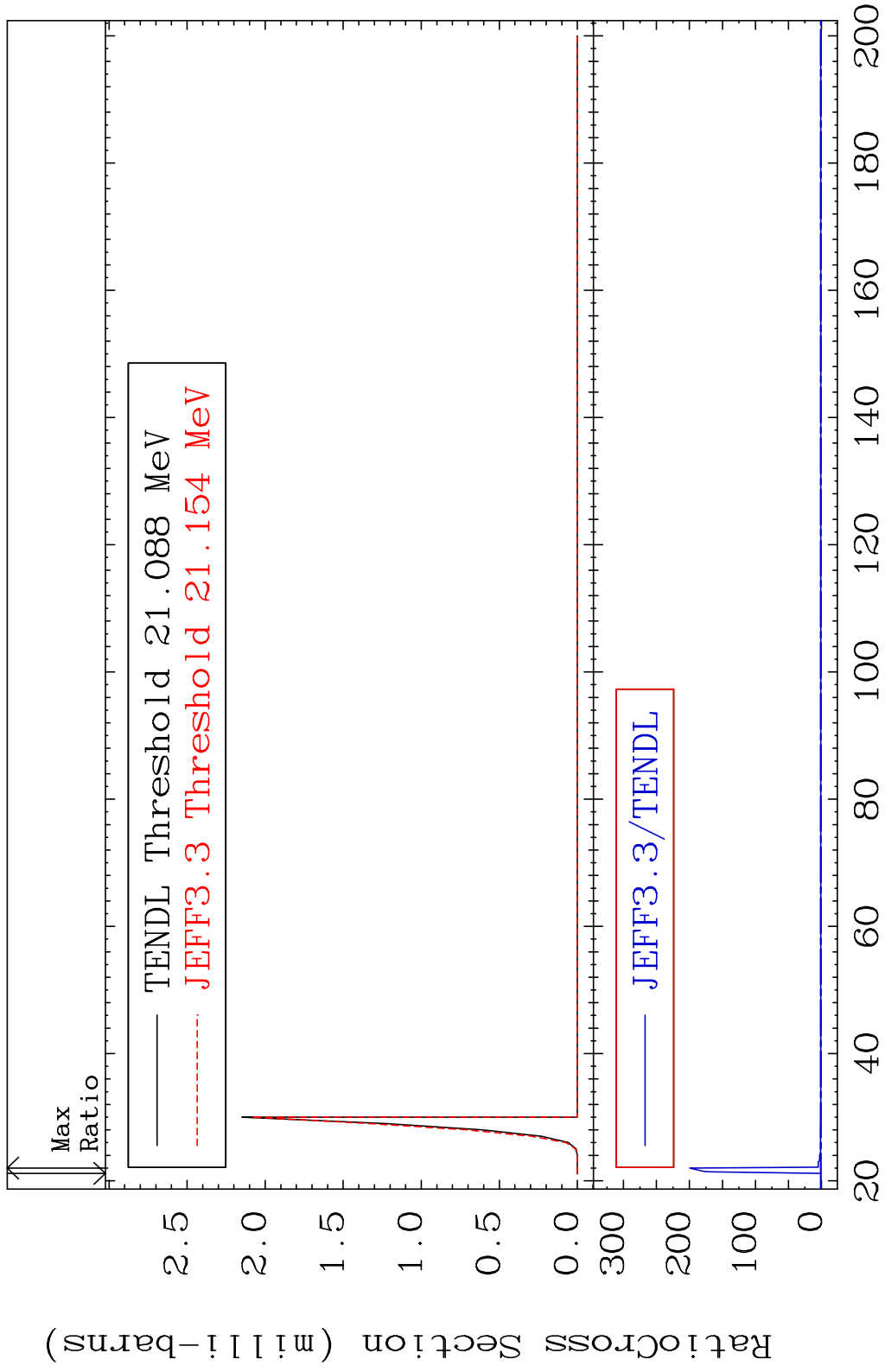
MAT 3649 (n, n') He-3:34-Se-83m1 36-Kr-86  
 Radionuclide Production Cross Section 1800 d to 478.2 %

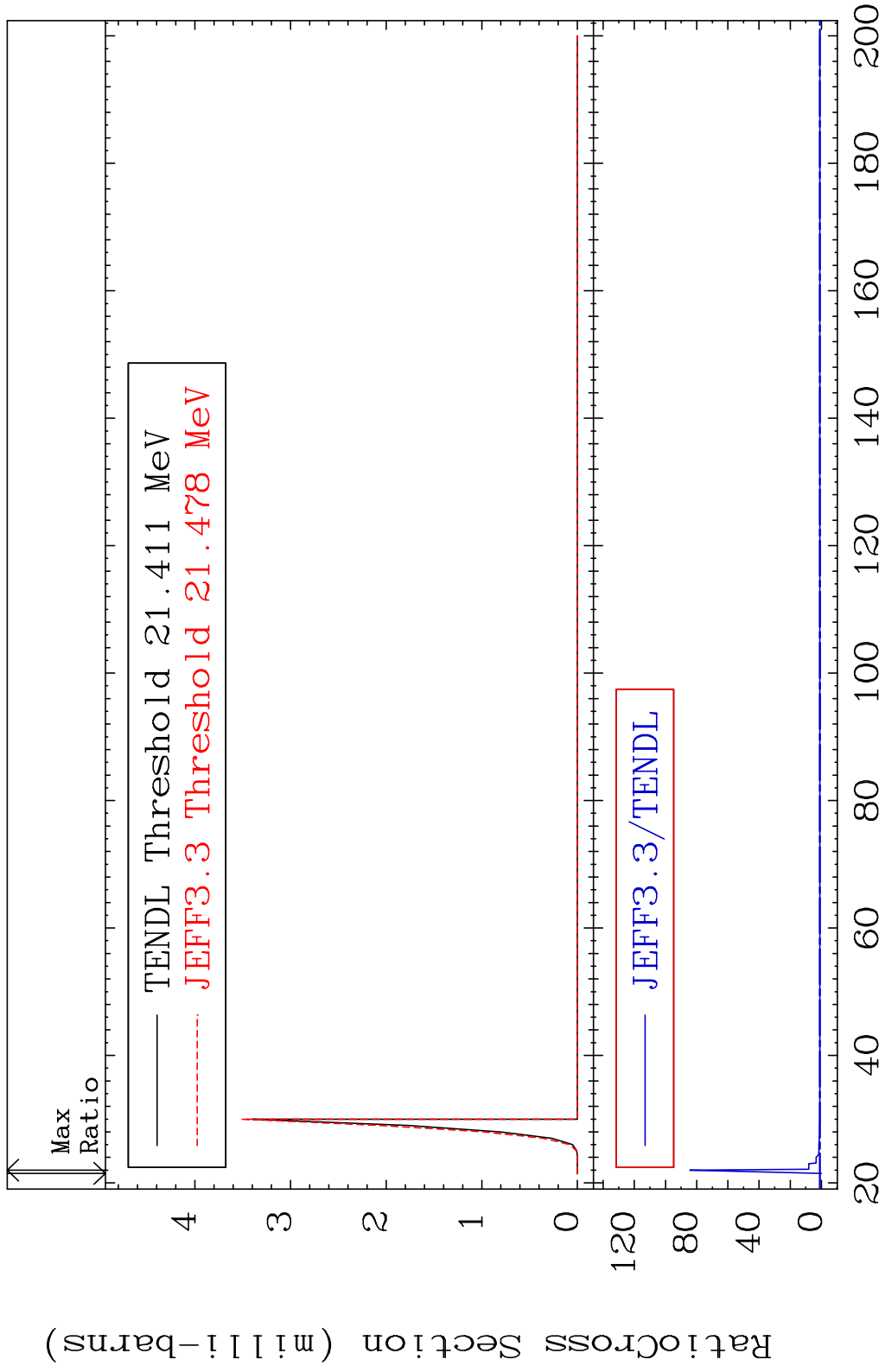


80 Incident Energy (MeV) 36-Kr-86

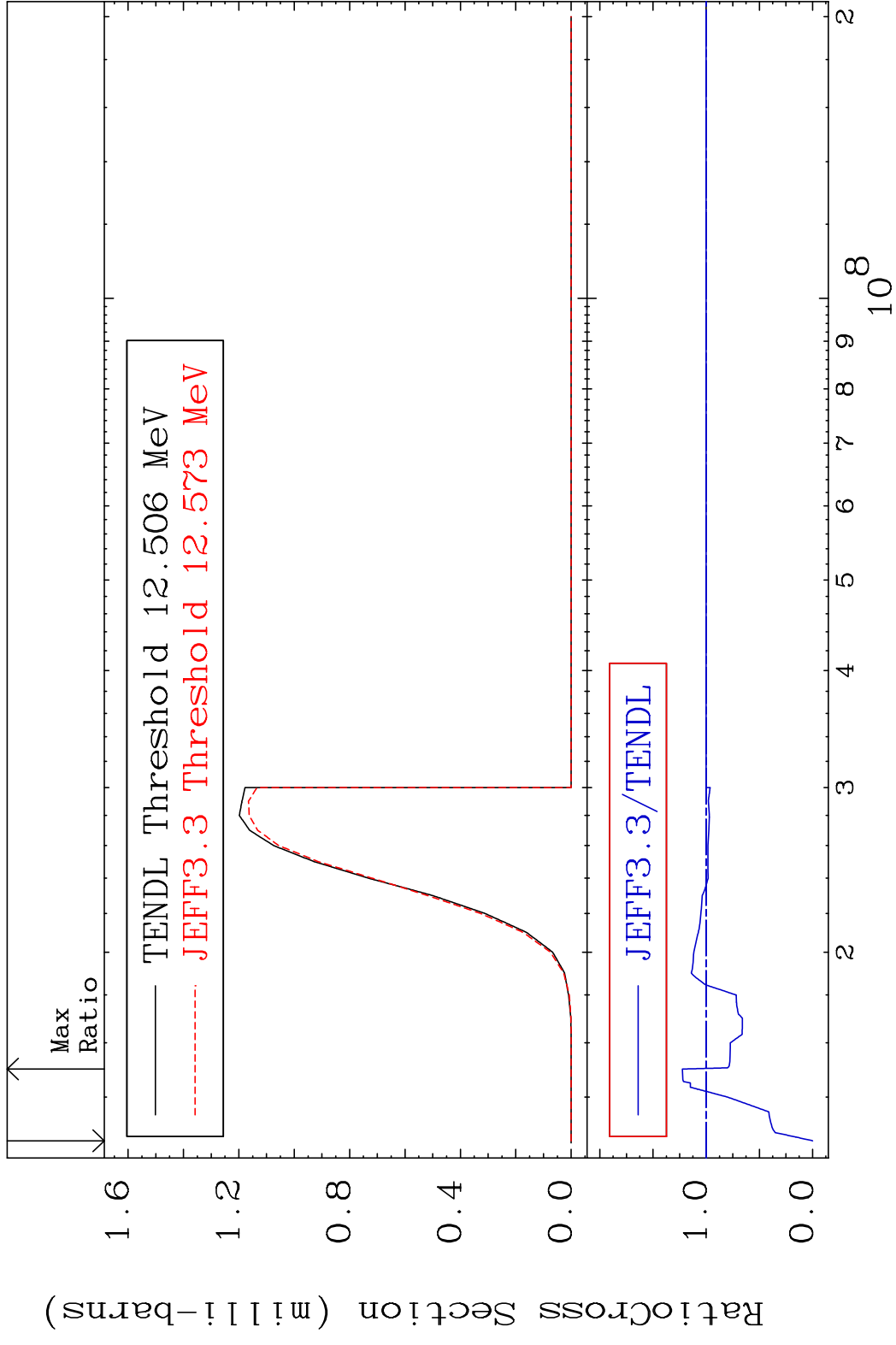




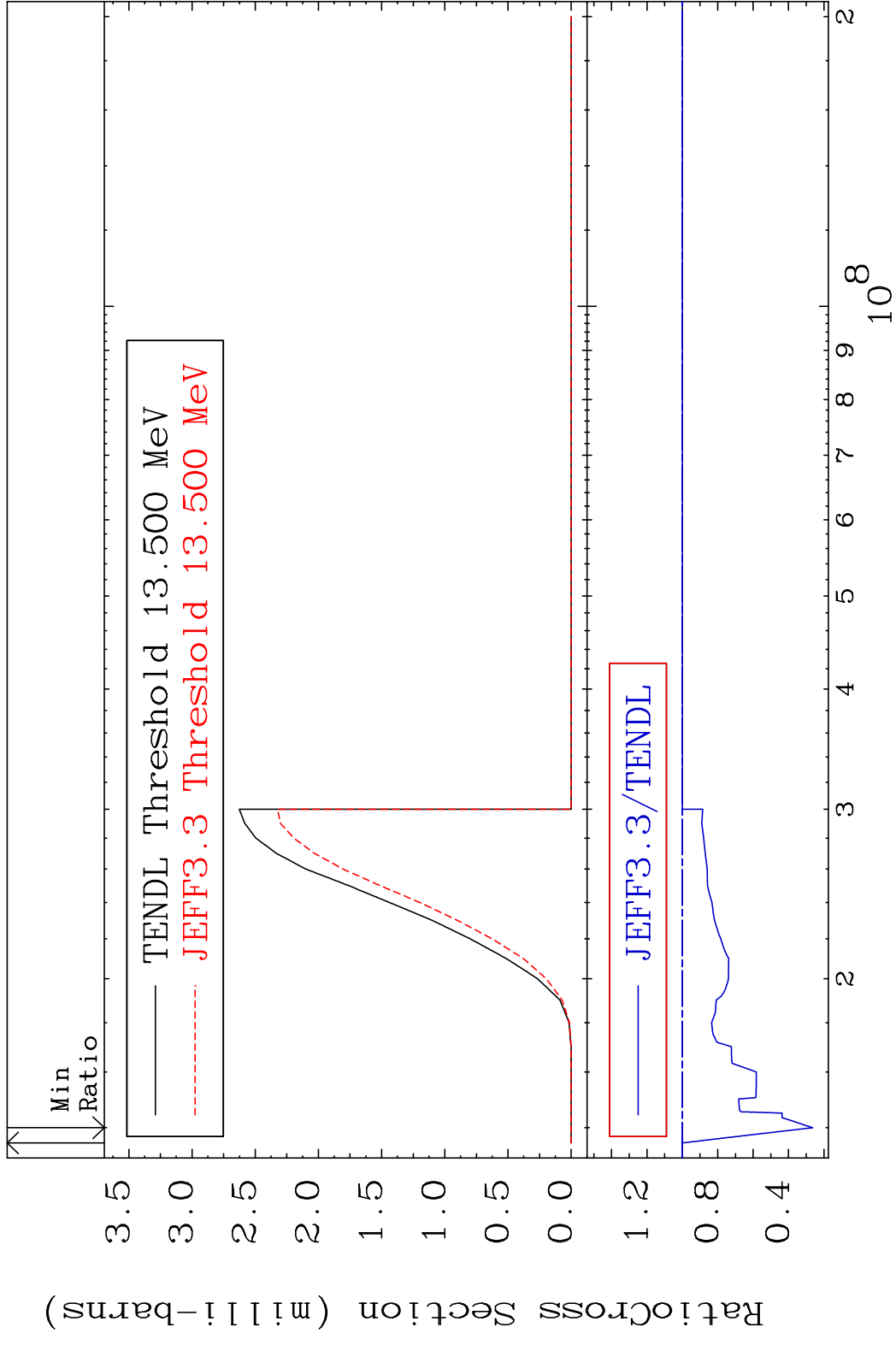




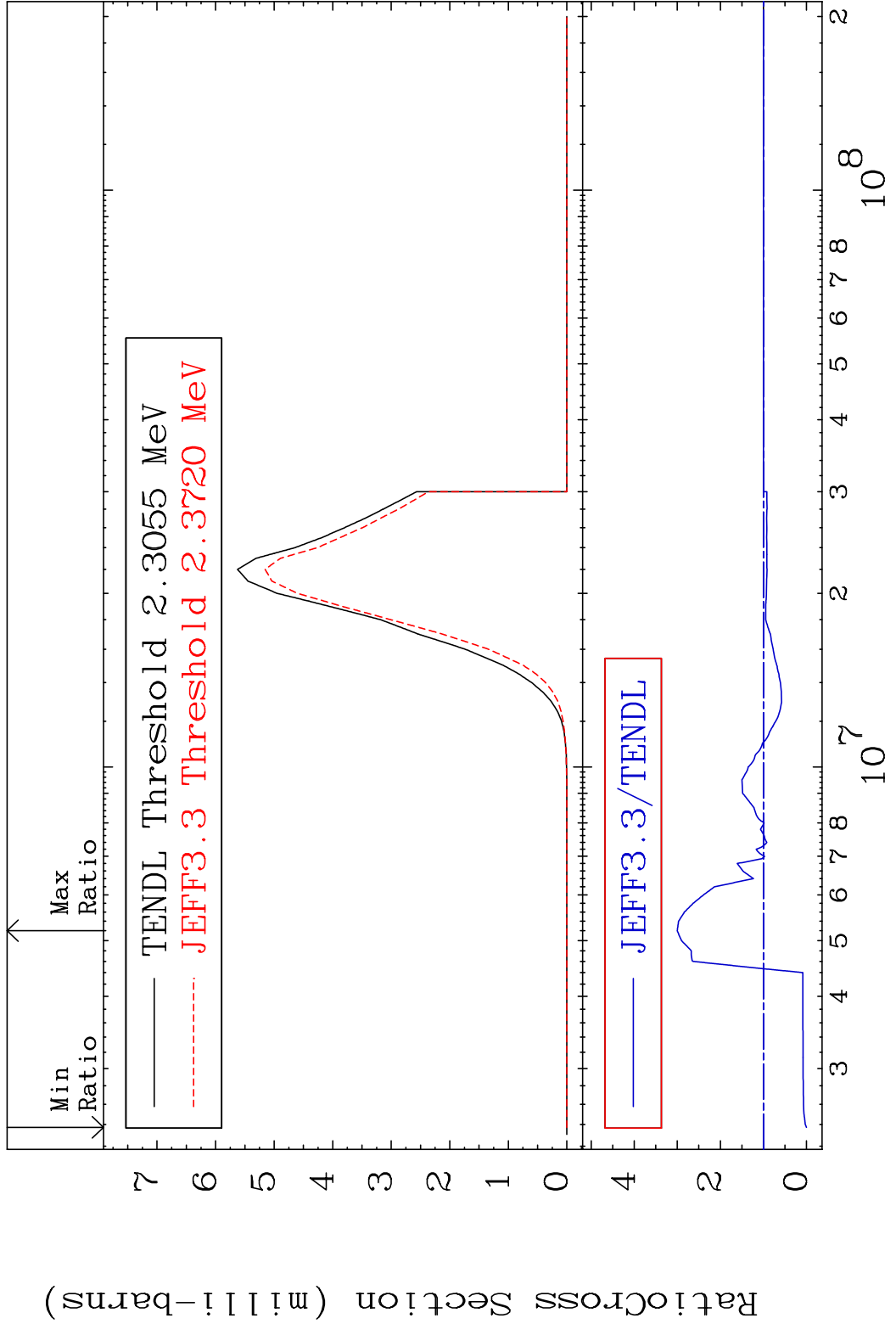
MAT 3649 (n, t):35-Br-84g 36-Kr-86  
 Radionuclide Production Cross Section 1800 dth 22.42 %



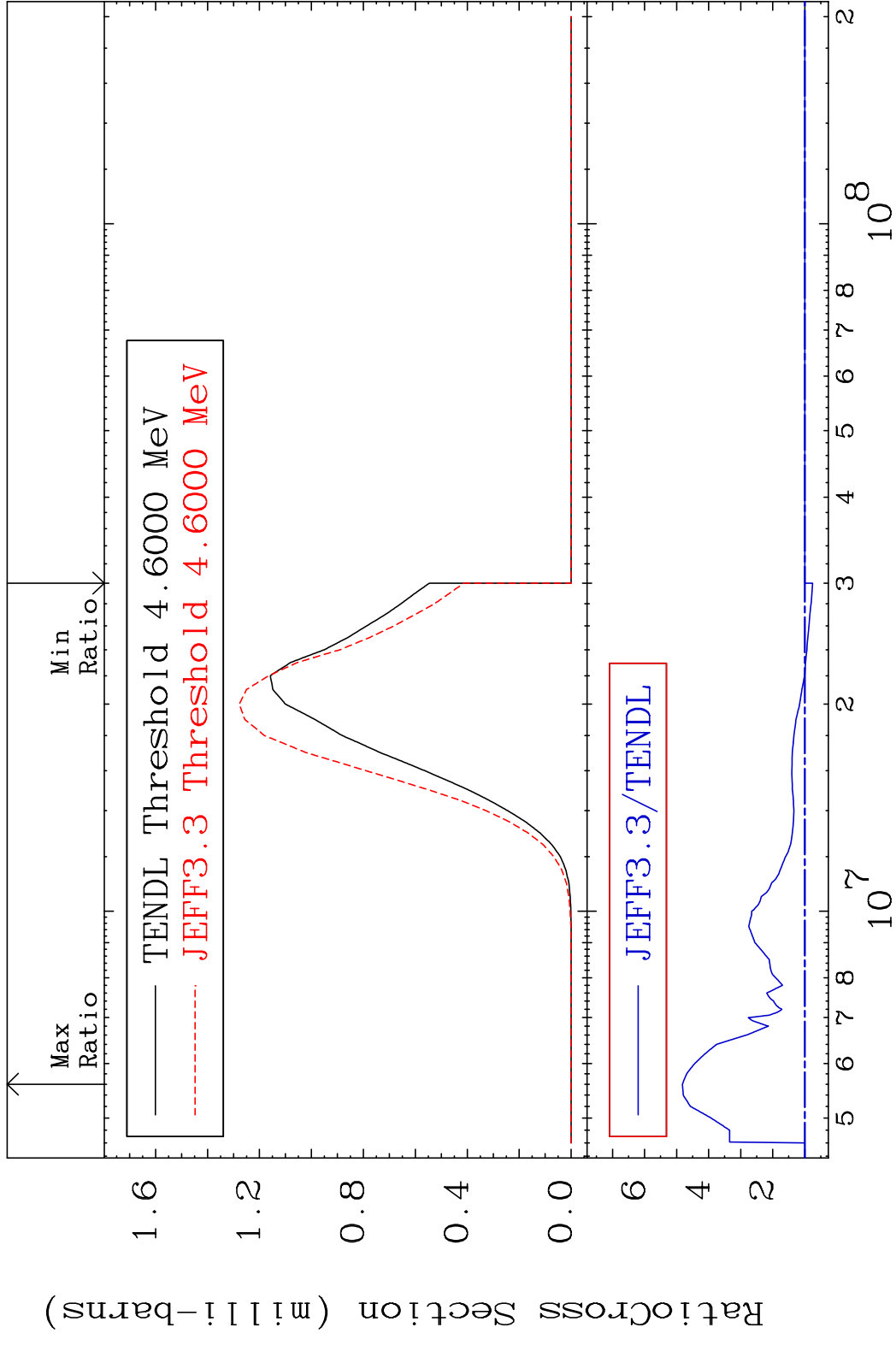
MAT 3649 (n, t):35-Br-84m1 36-Kr-86  
 Radionuclide Production Cross Section 0.000 %

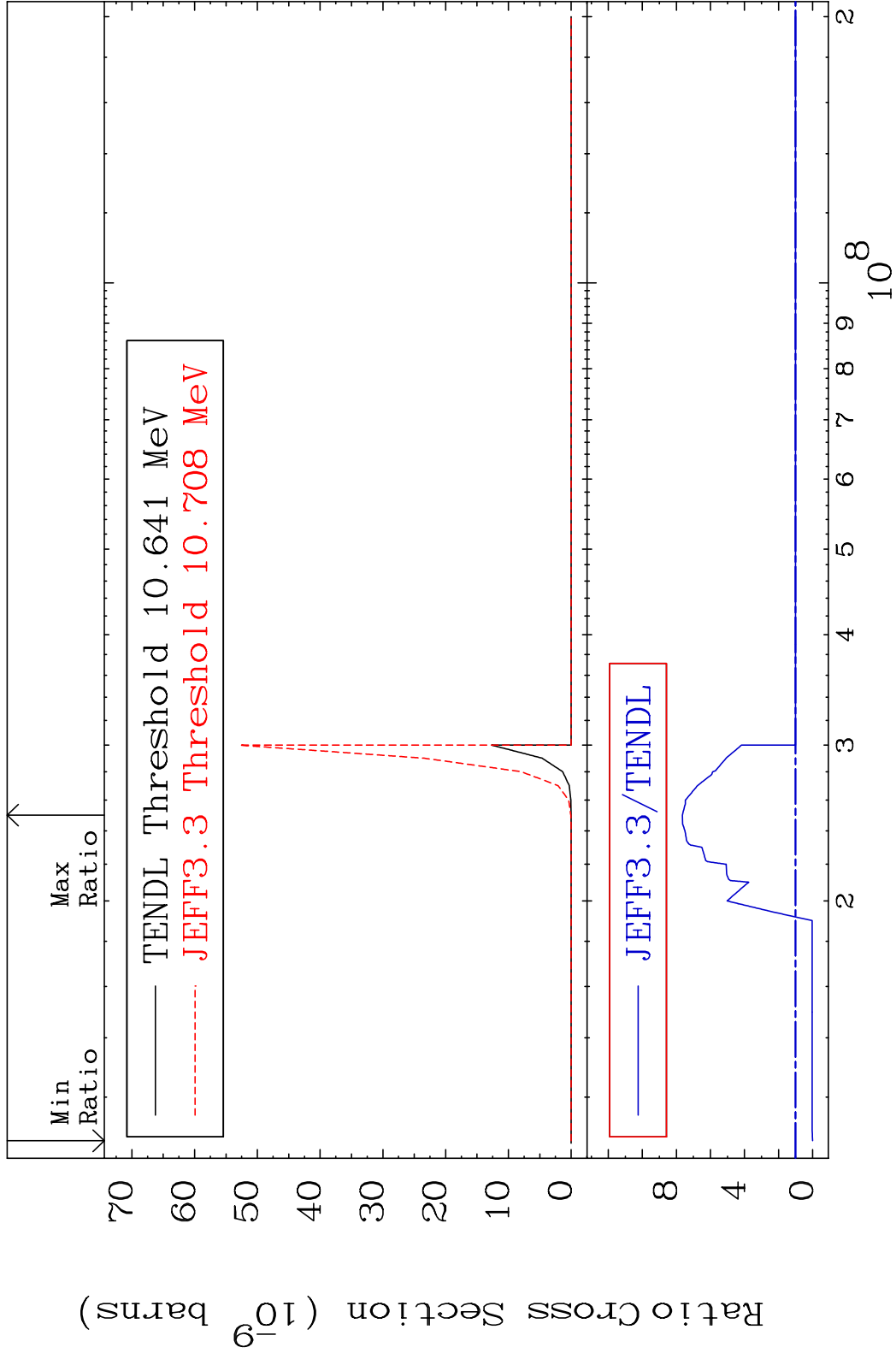


MAT 3649 (n,  $\alpha$ ): 34-Se-83g 36-Kr-86  
 Radionuclide Production Cross Section 1800 d to 200.3 %

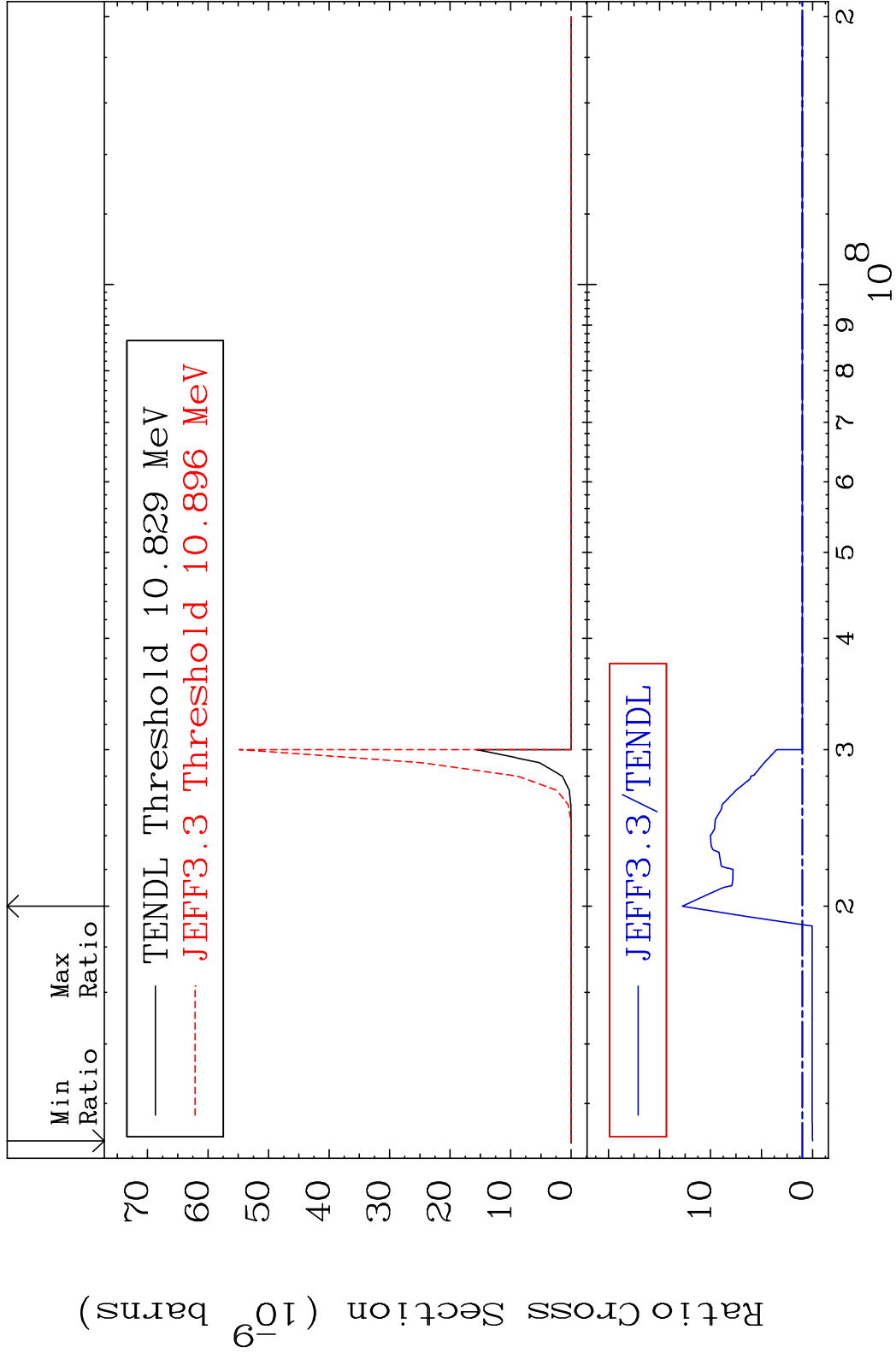


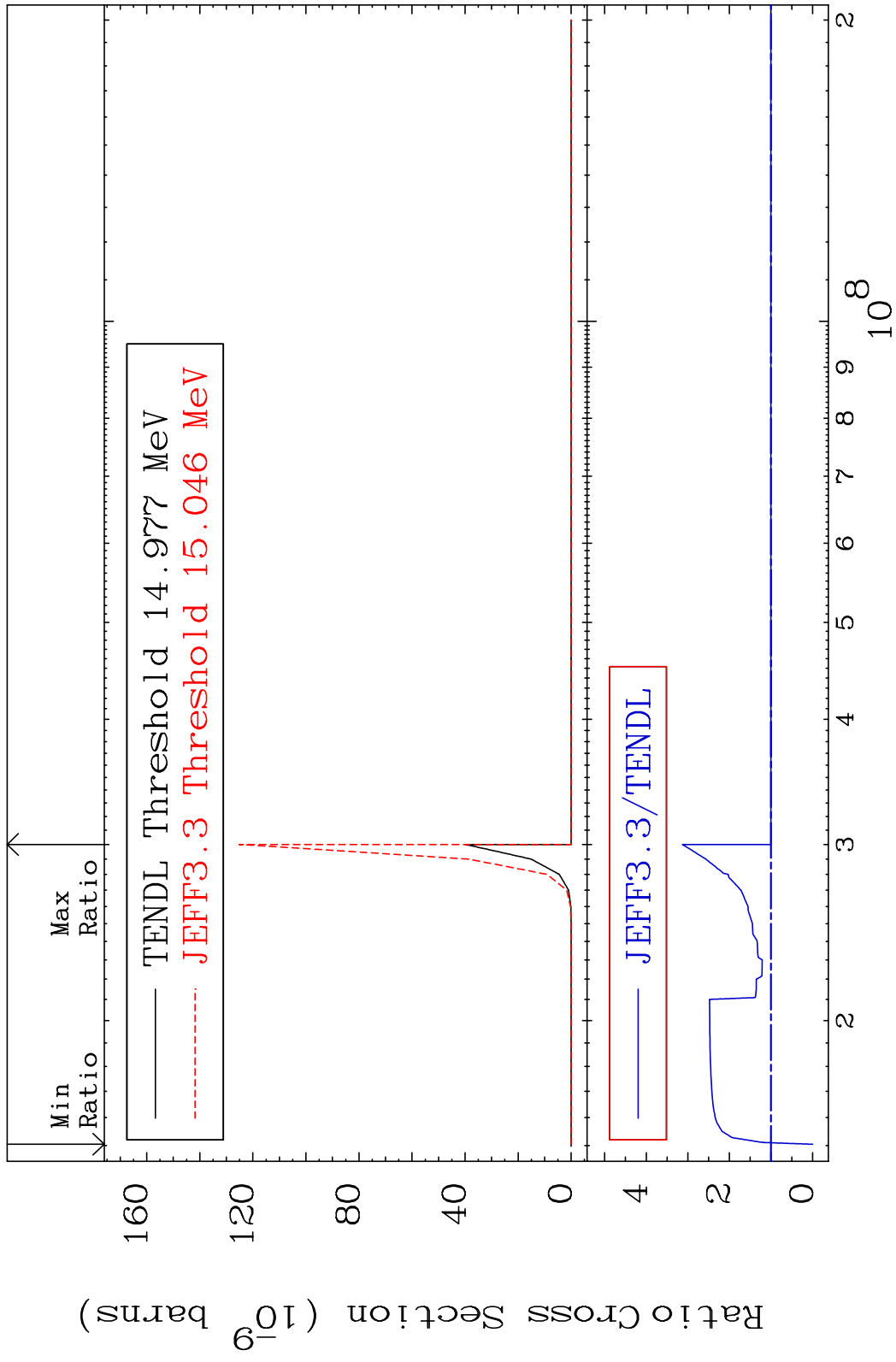






MAT 3649 (n,2α):32-Ge-79m1 36-Kr-86  
 Radionuclide Production Cross Section Ratio 1176. %





MAT 3649 (n, p)  $\alpha$ :33-As-82m1 36-Kr-86  
 Radionuclide Production Cross Section 180.01 d10 346.5 %

