

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

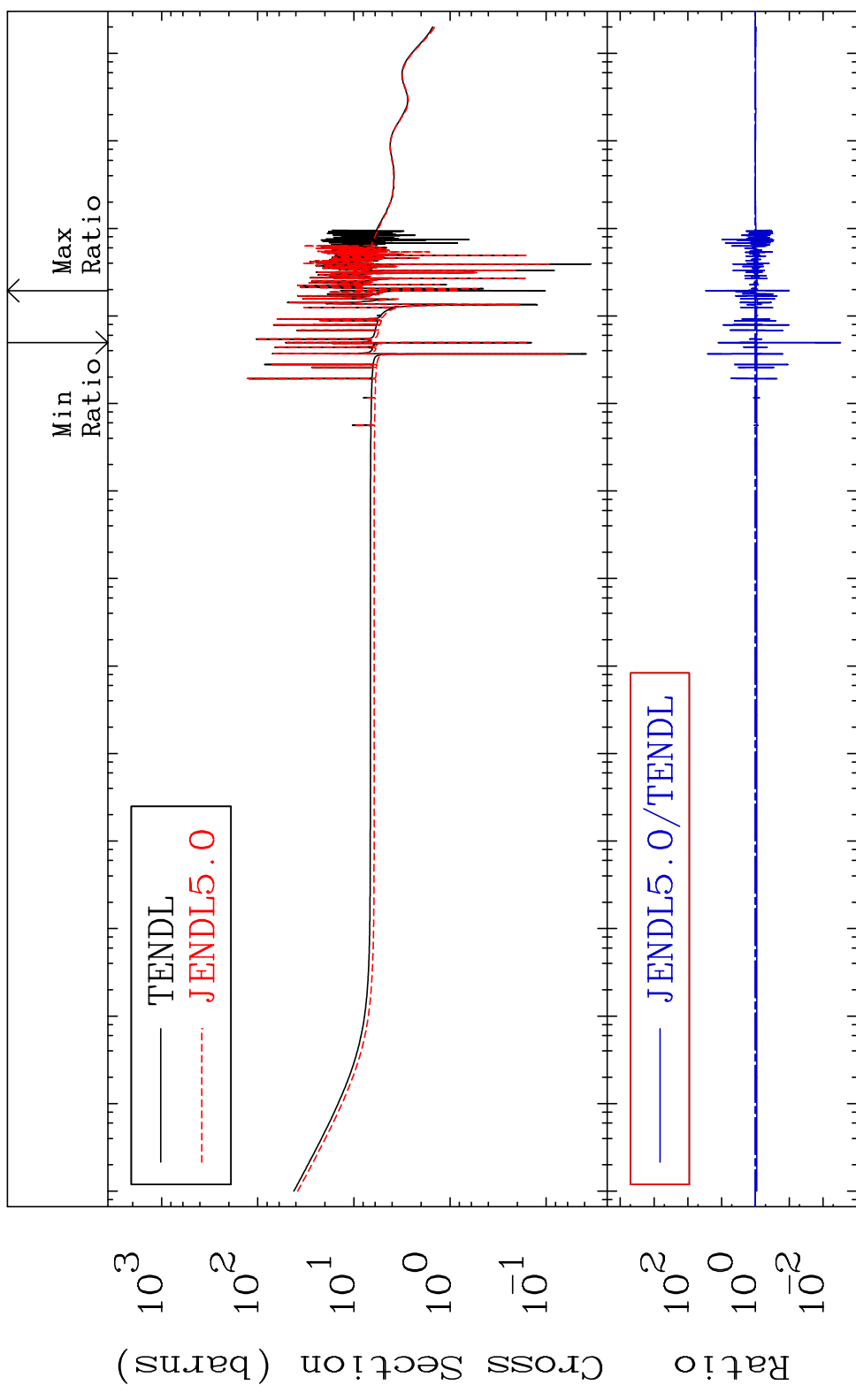
MAT 3649

Total

36-Kr-86

Cross Section

-99.70 To 2848. %



1

Incident Energy (eV)

36-Kr-86

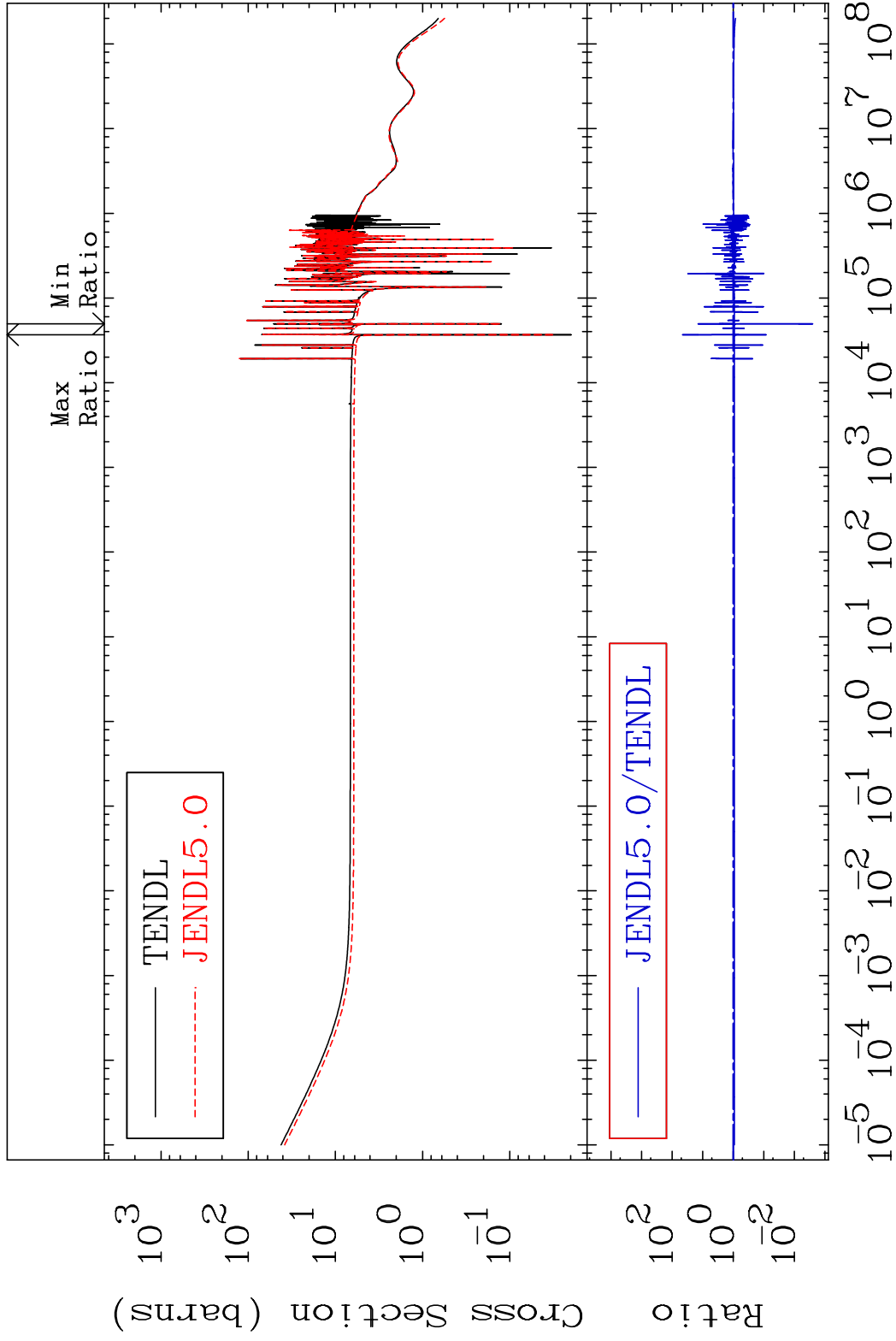
MAT 3649

Elastic

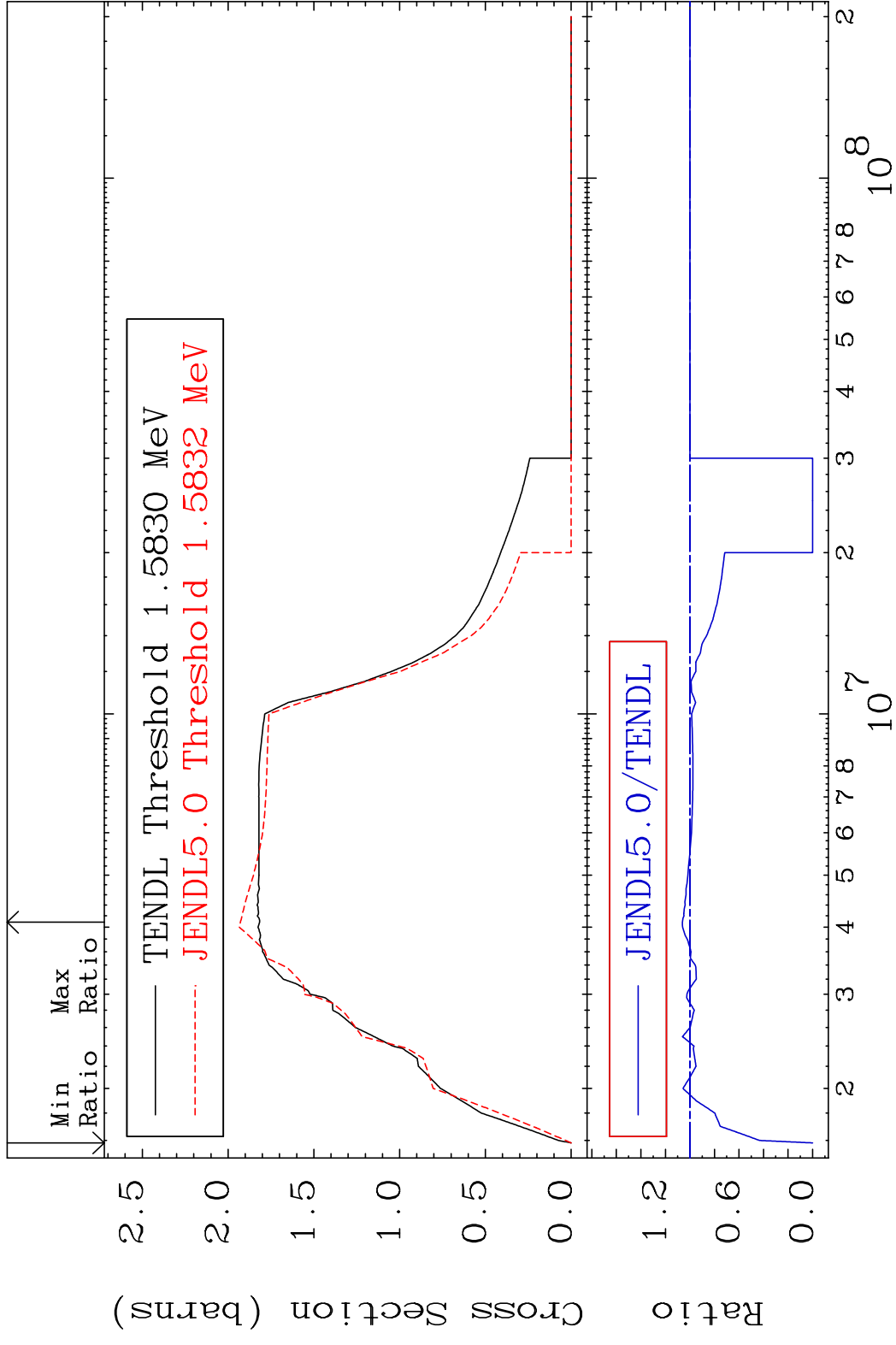
36-Kr-86

Cross Section

-99.75 To 4529. %



MAT 3649 Inelastic 36-Kr-86  
 Cross Section -100.0 To 6.178 %

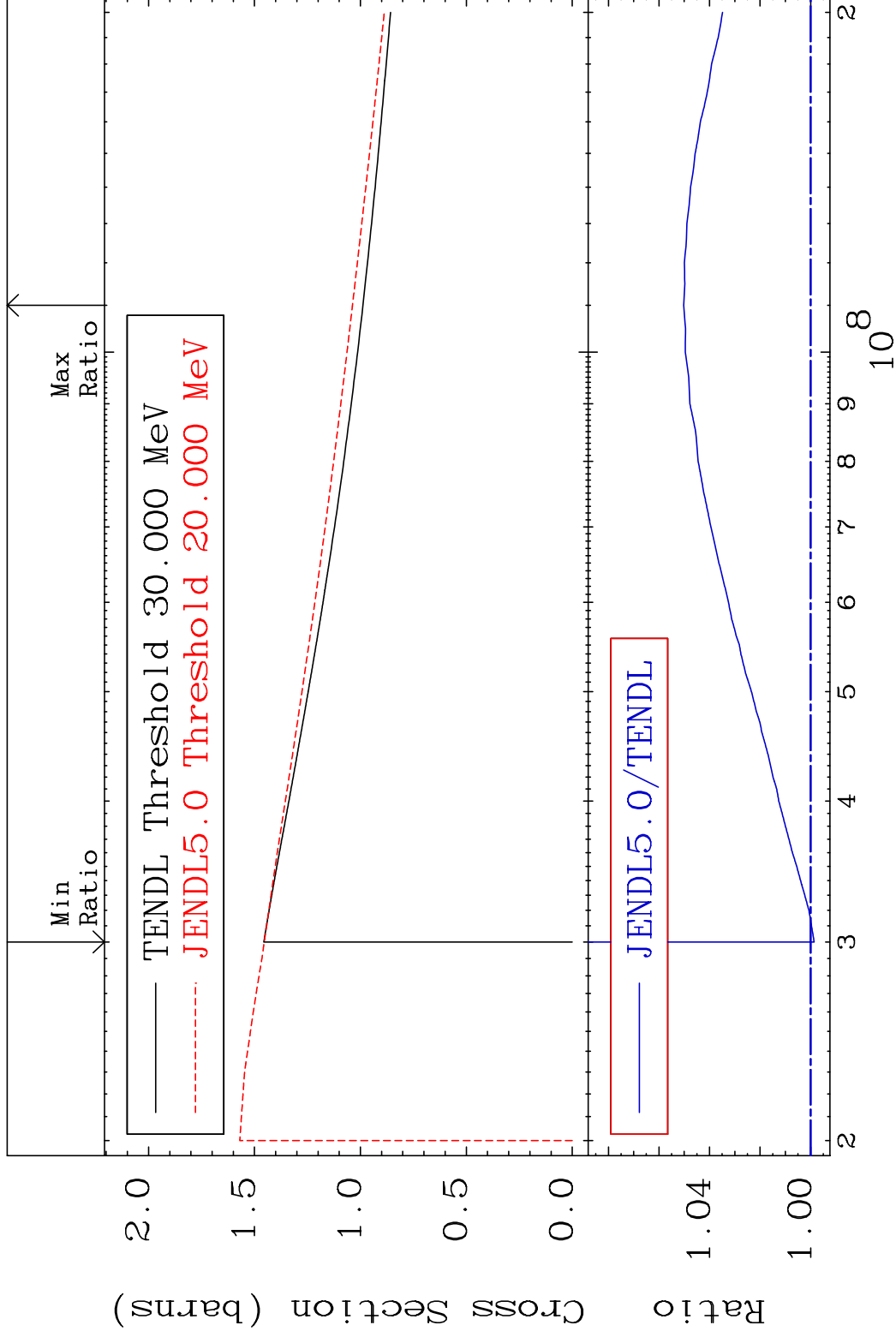


MAT 3649

(n, remainder)

36-Kr-86

Cross Section -0.138 To 5.023 %



4

Incident Energy (eV)

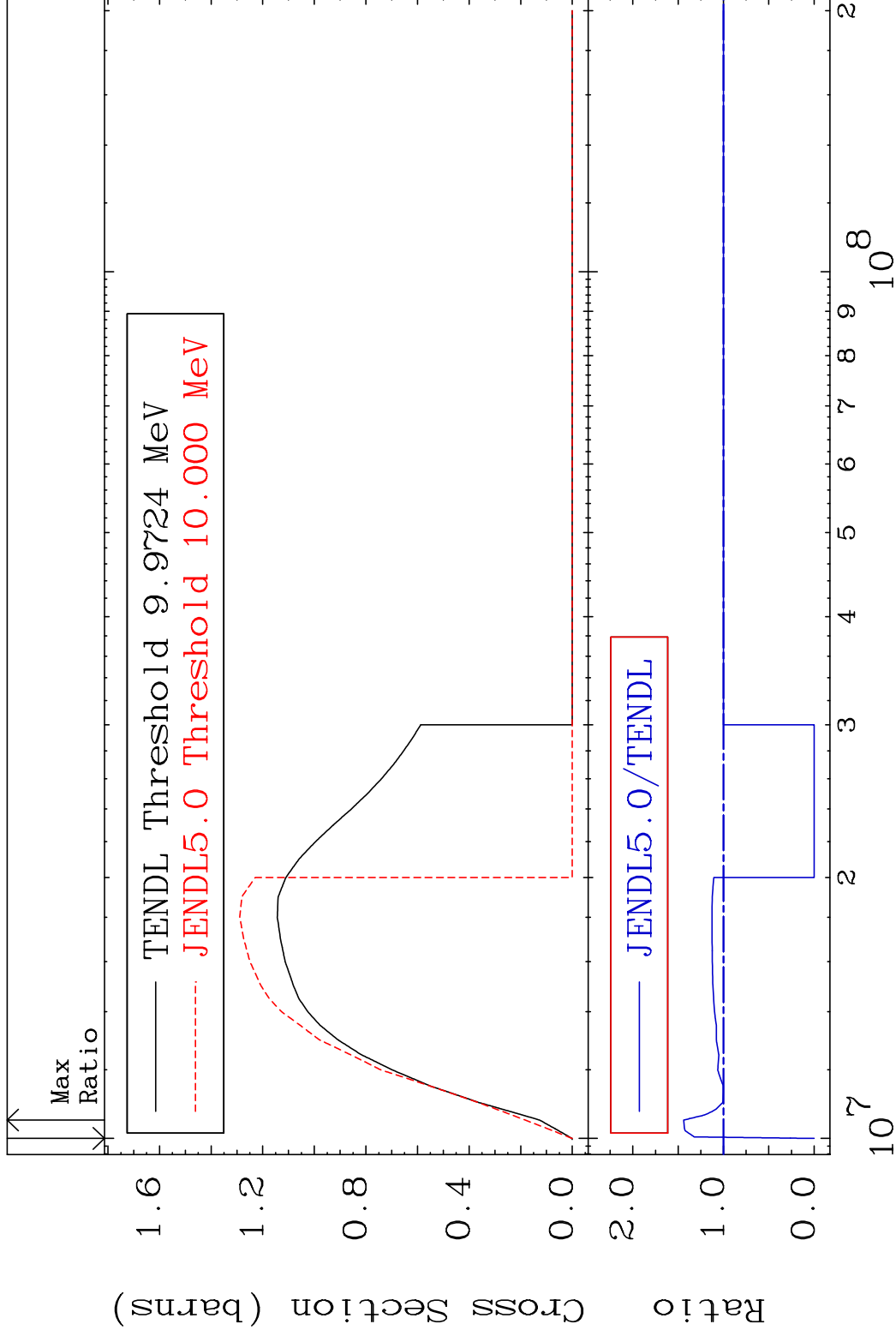
36-Kr-86

MAT 3649

(n,2n)

36-Kr-86

Cross Section -100.0 To 43.92 %

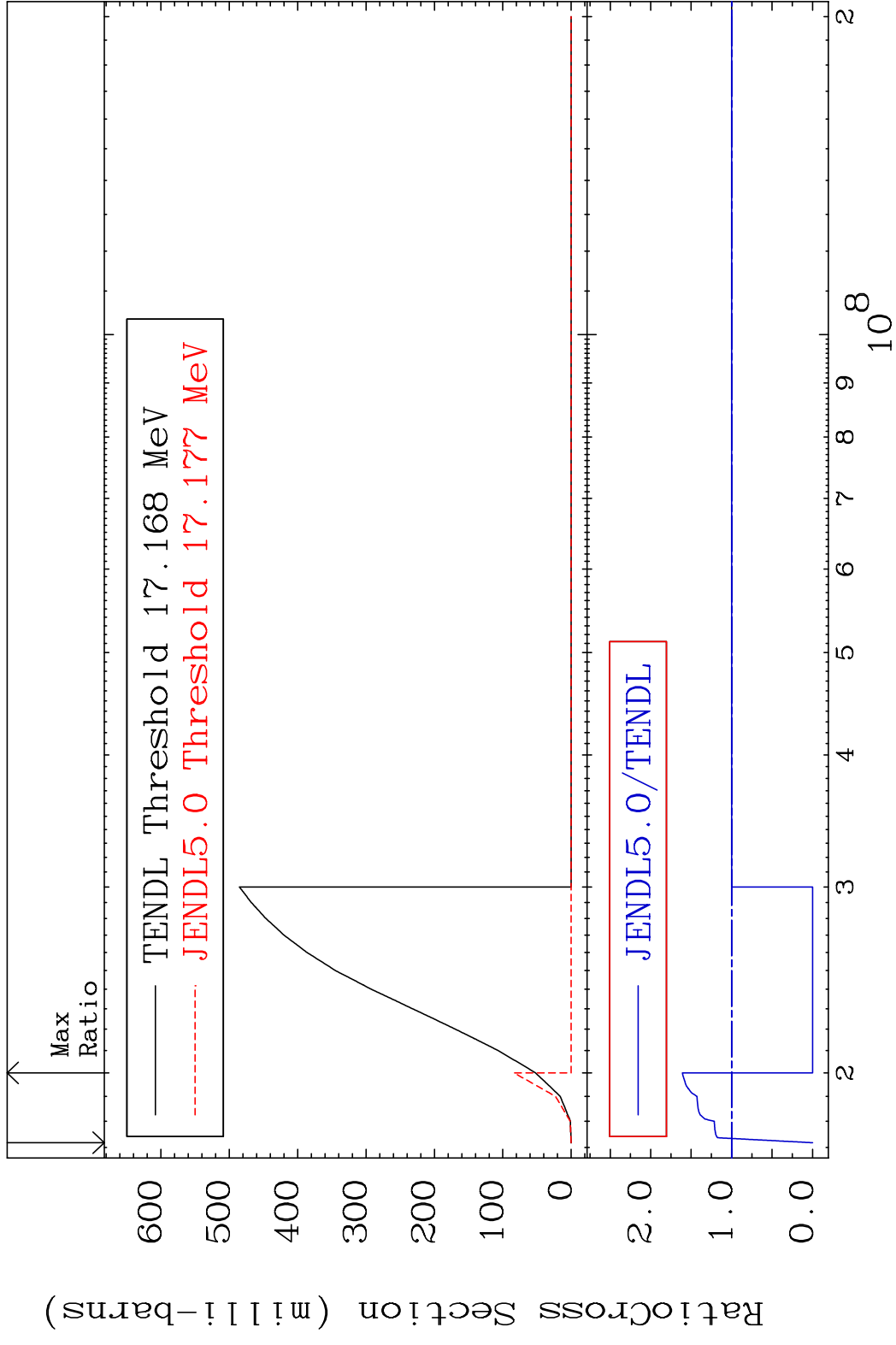


5

Incident Energy (eV)

36-Kr-86

MAT 3649 (n,3n) 36-Kr-86  
 Cross Section -100.0 To 60.88 %

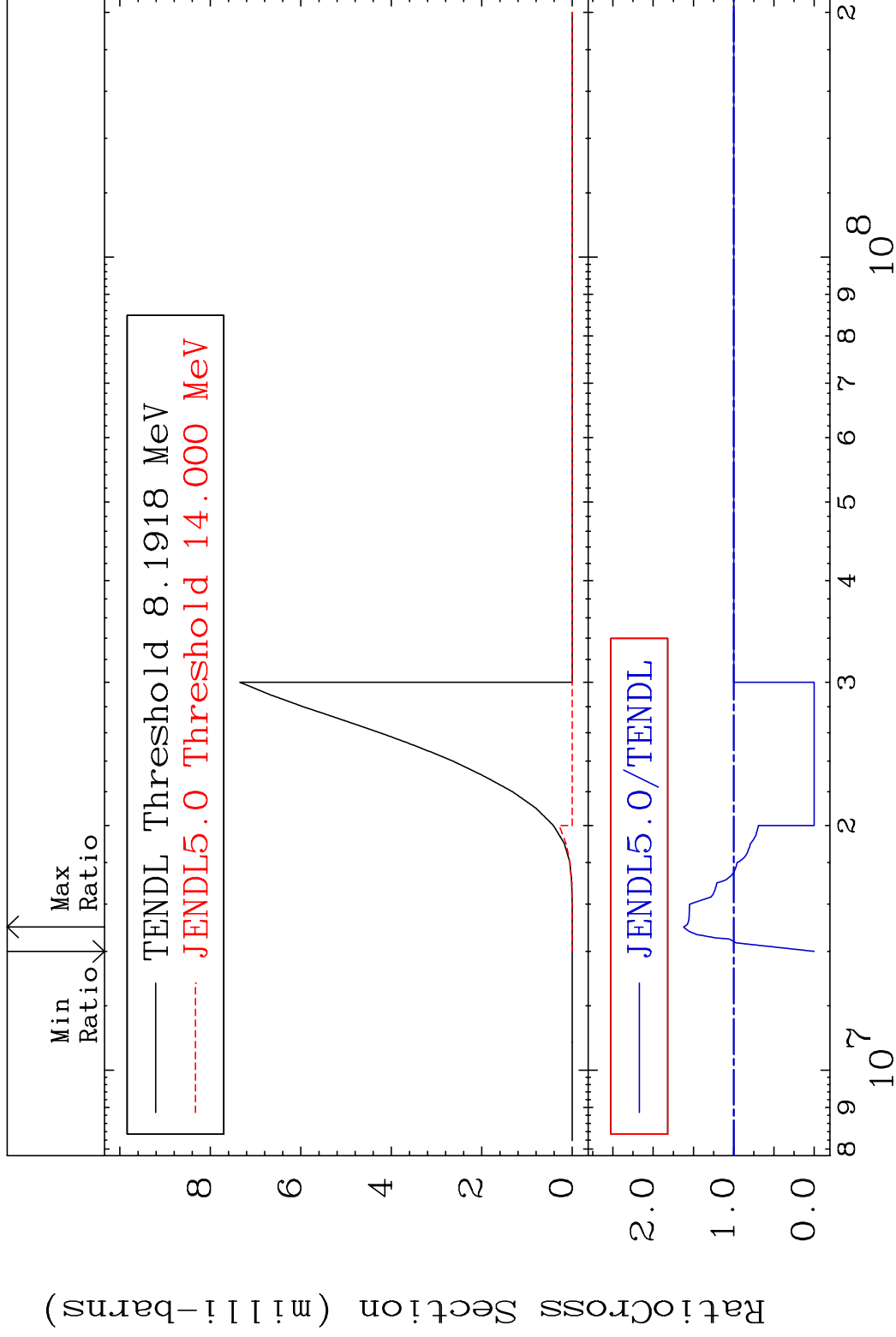


MAT 3649

(n, n')  $\alpha$

36-Kr-86

Cross Section -100.0 To 62.13 %

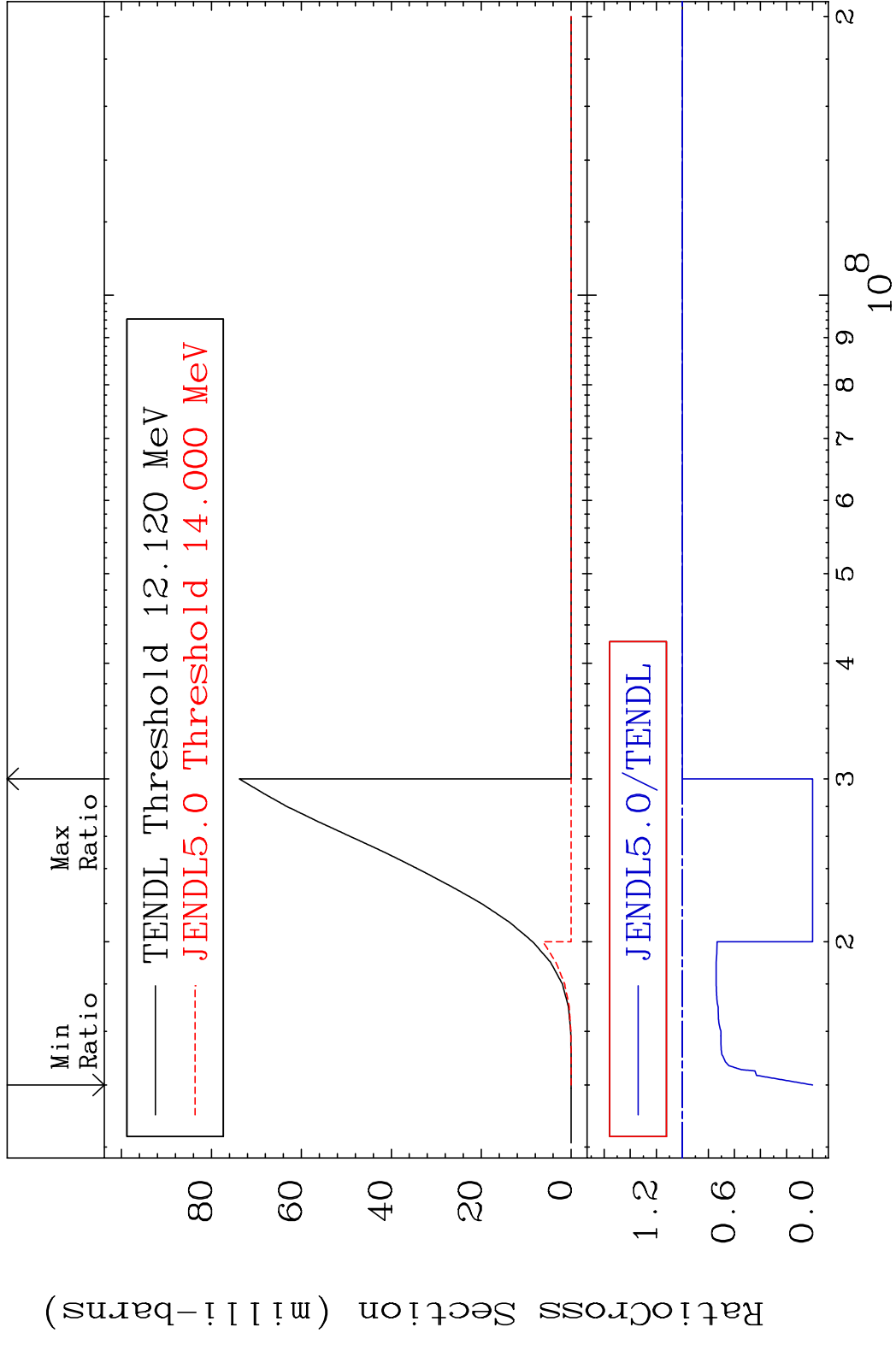


7

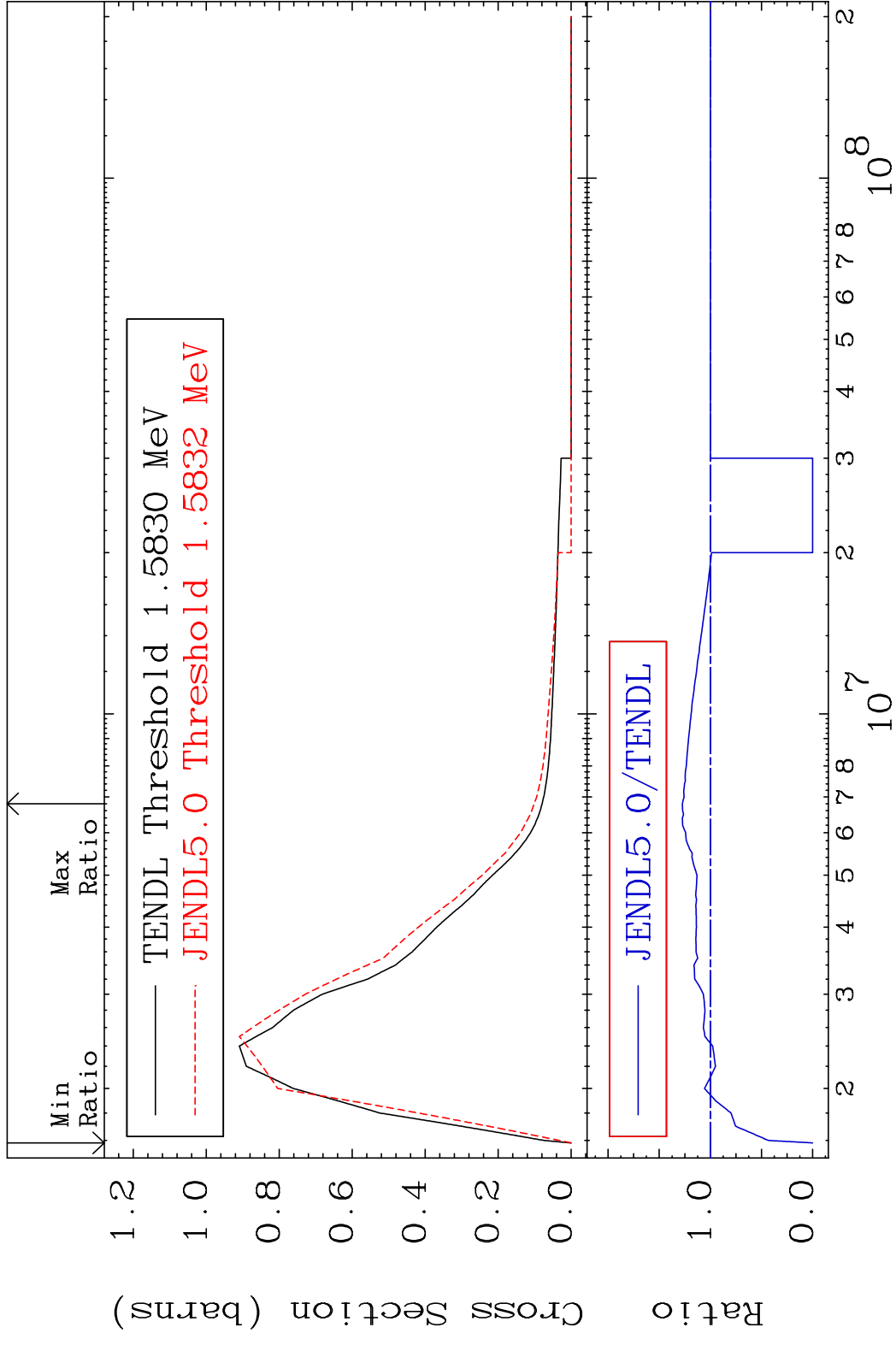
Incident Energy (eV)

36-Kr-86

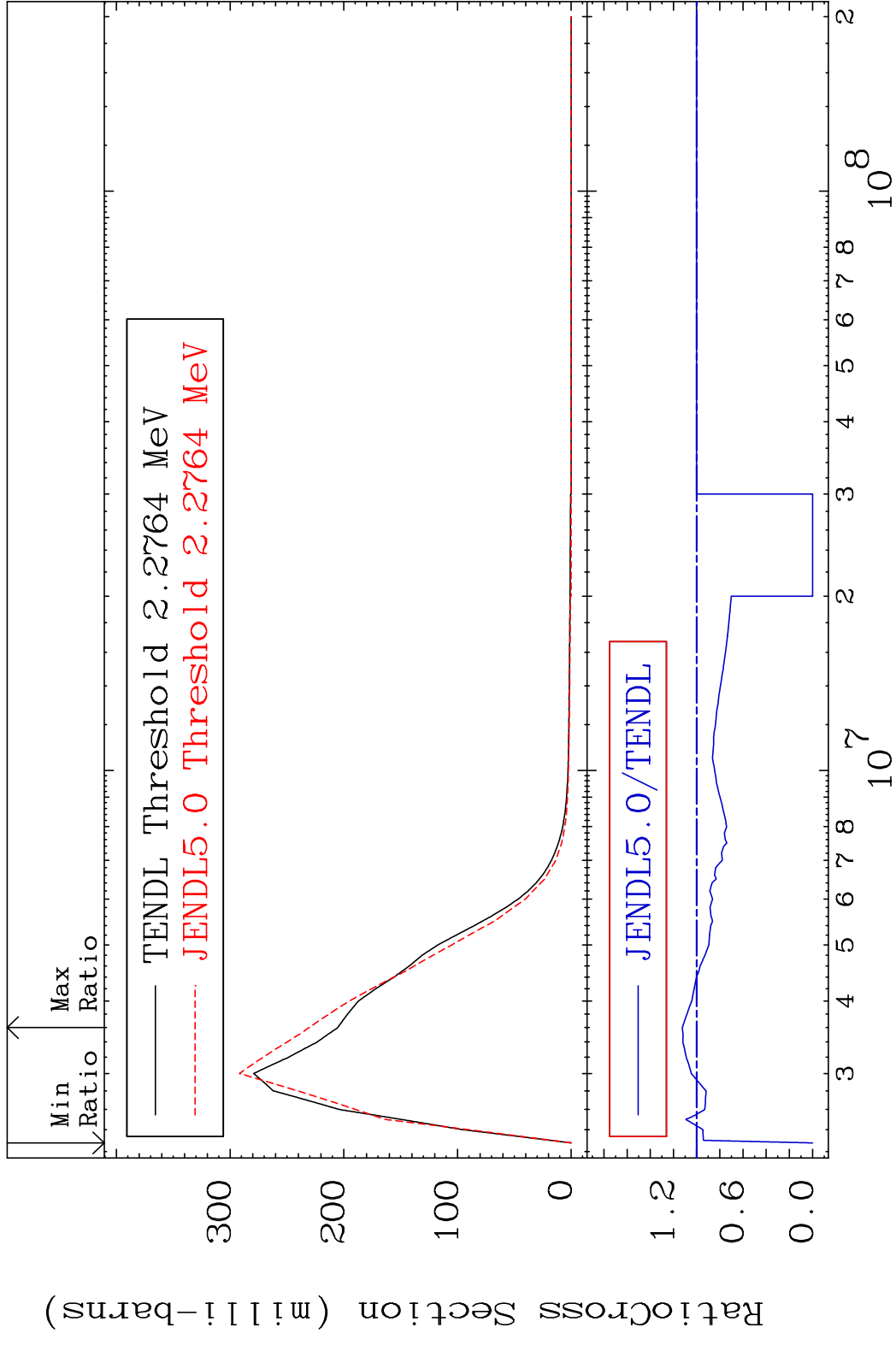
MAT 3649 (n, n') p 36-Kr-86  
 Cross Section -100.0 To 0.000 %



MAT 3649 MT= 51 (n,n') Level 36-Kr-86  
 Cross Section -100.0 To 27.38 %

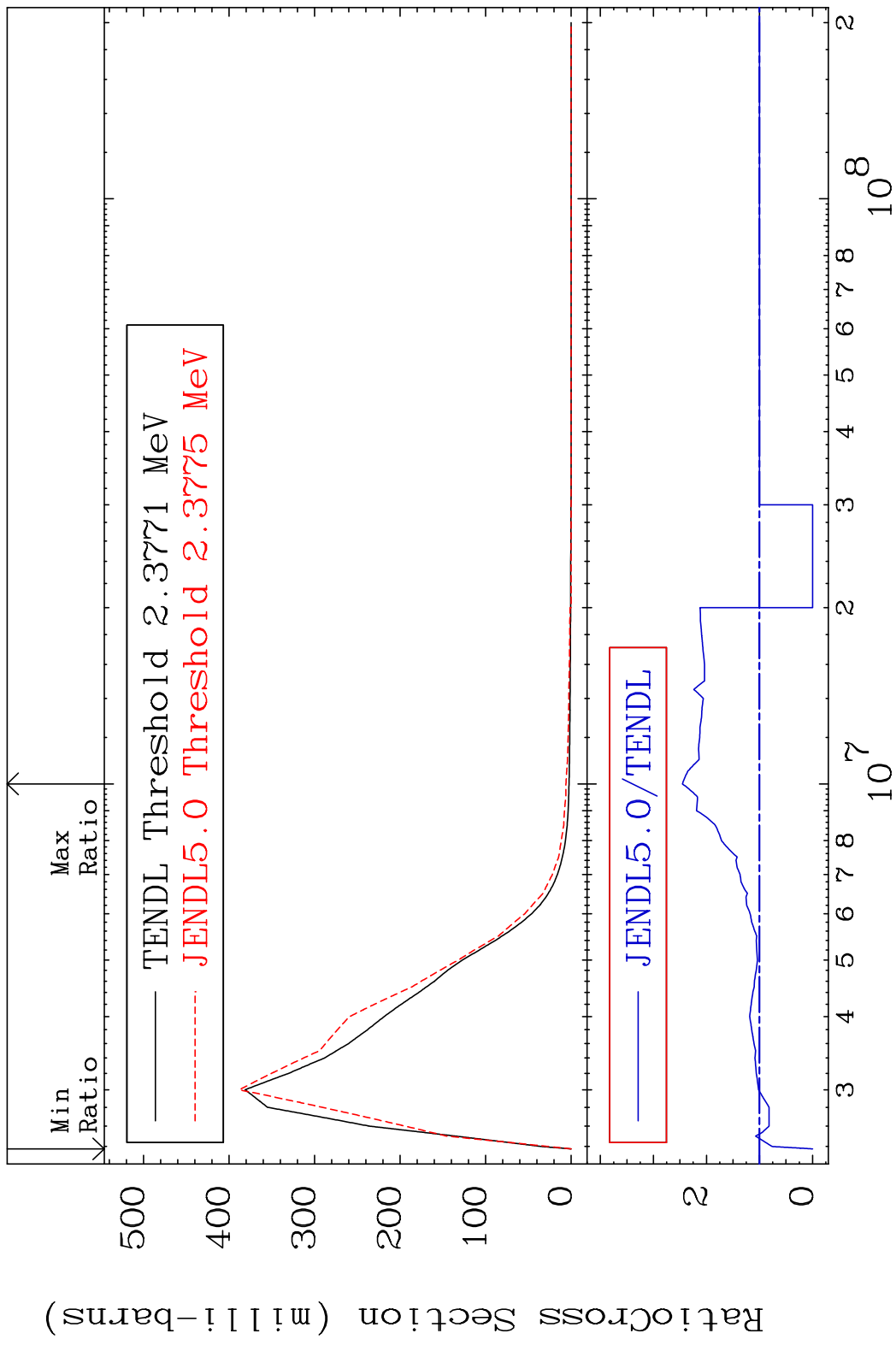


MAT 3649 MT= 52 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 12.33 %

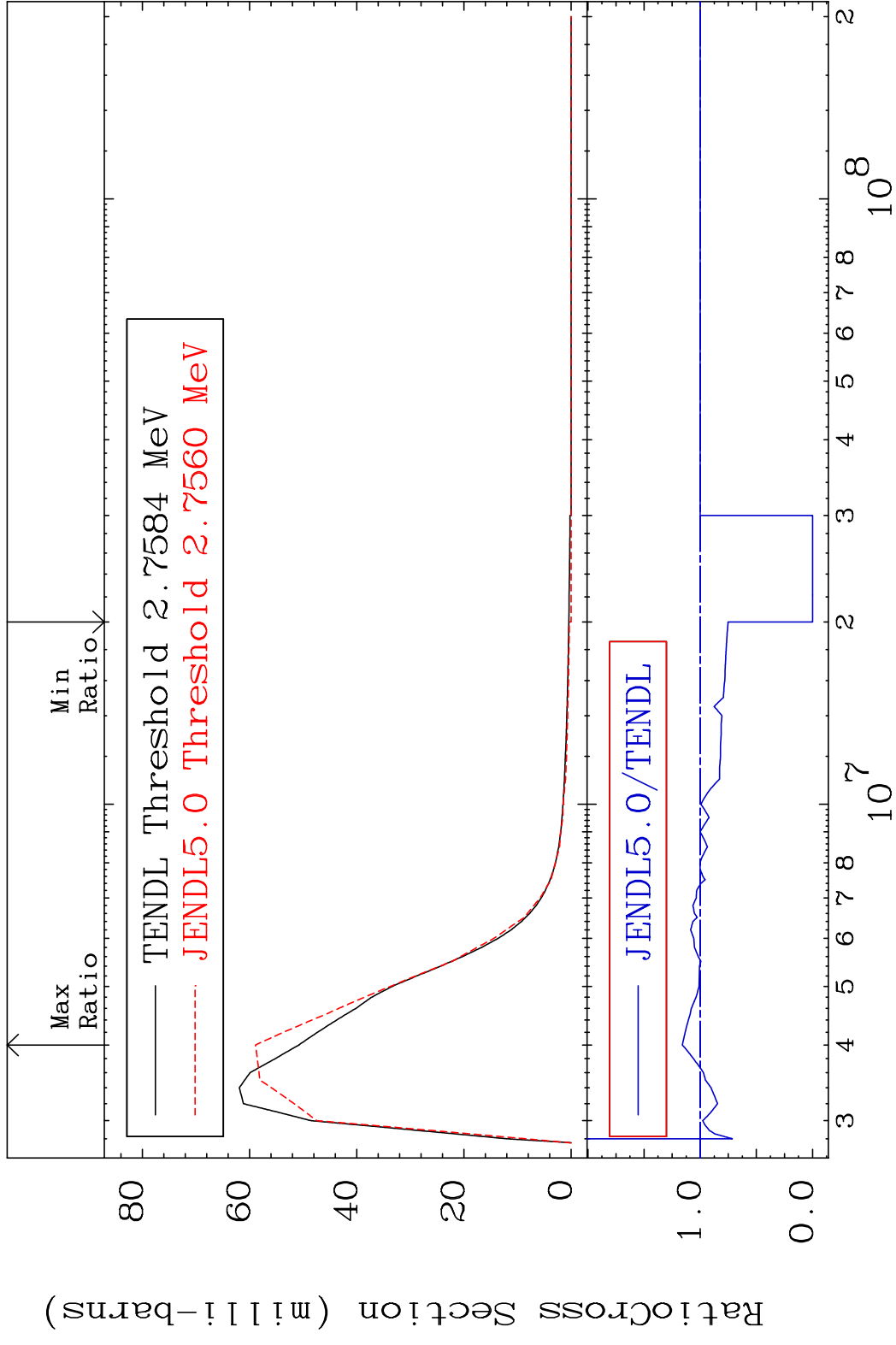


10 10 3 4 5 6 7 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2

MAT 3649 MT= 53 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 145.5 %

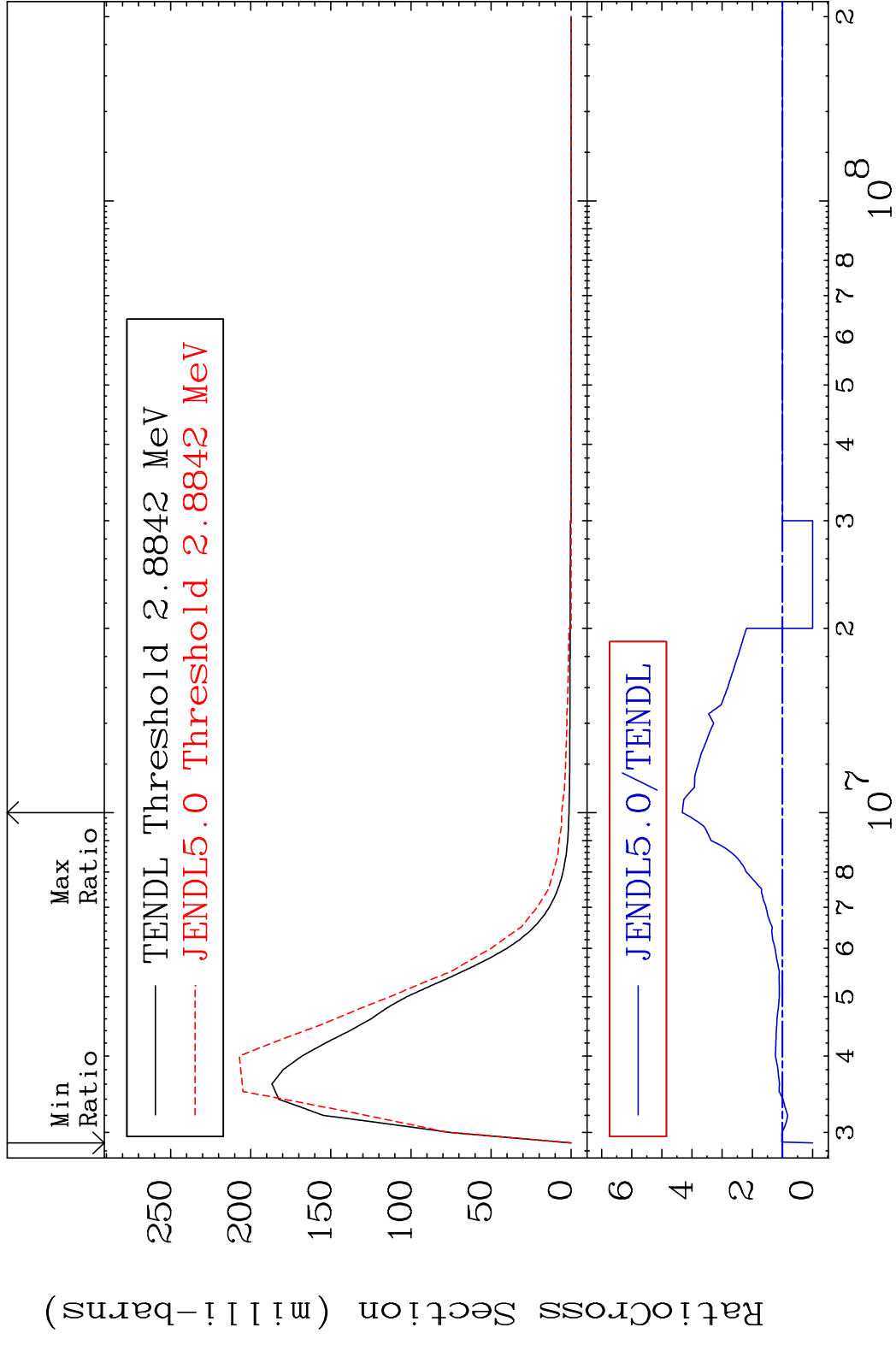


MAT 3649 MT= 54 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 15.90 %

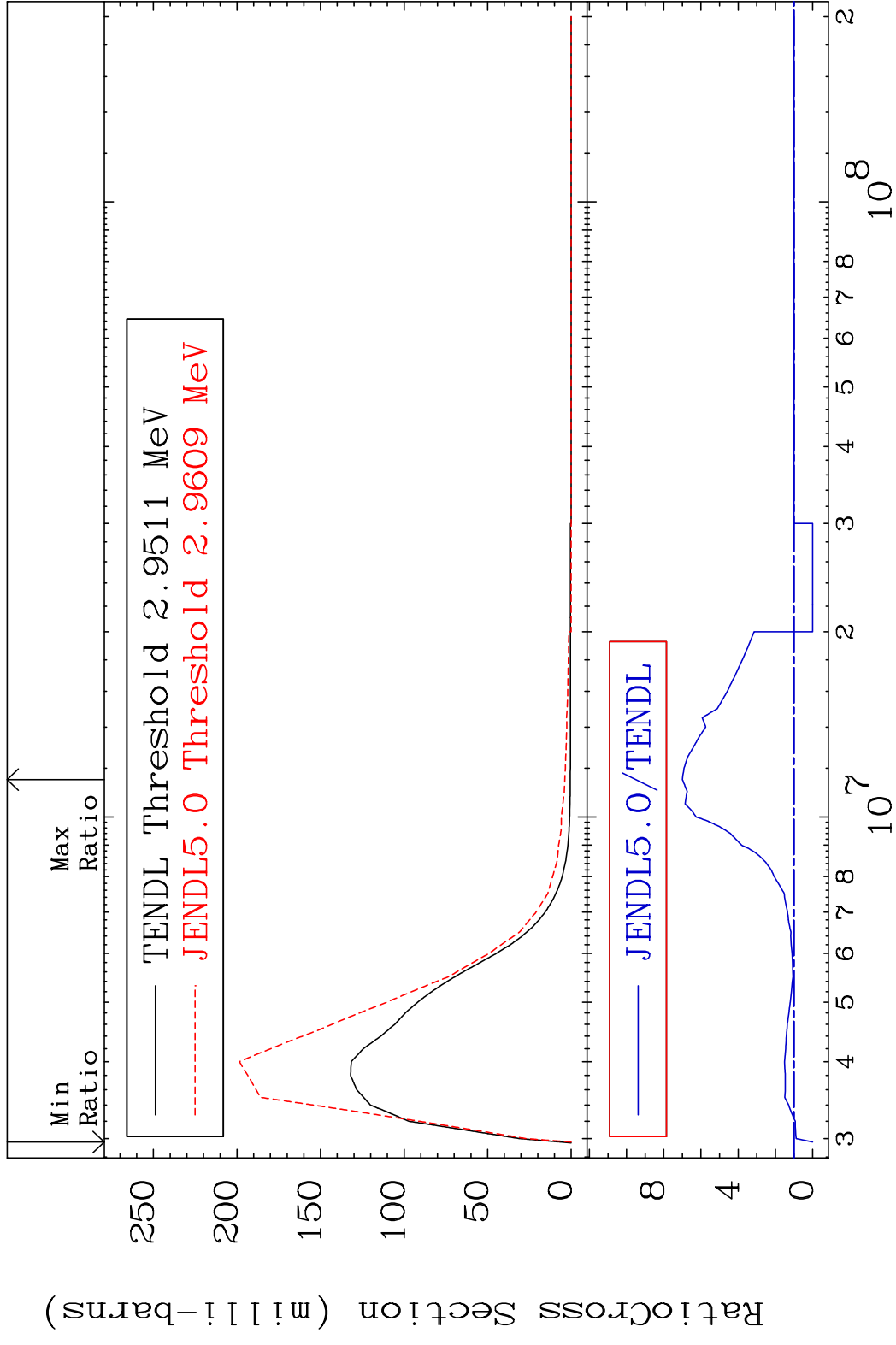


12 36-Kr-86

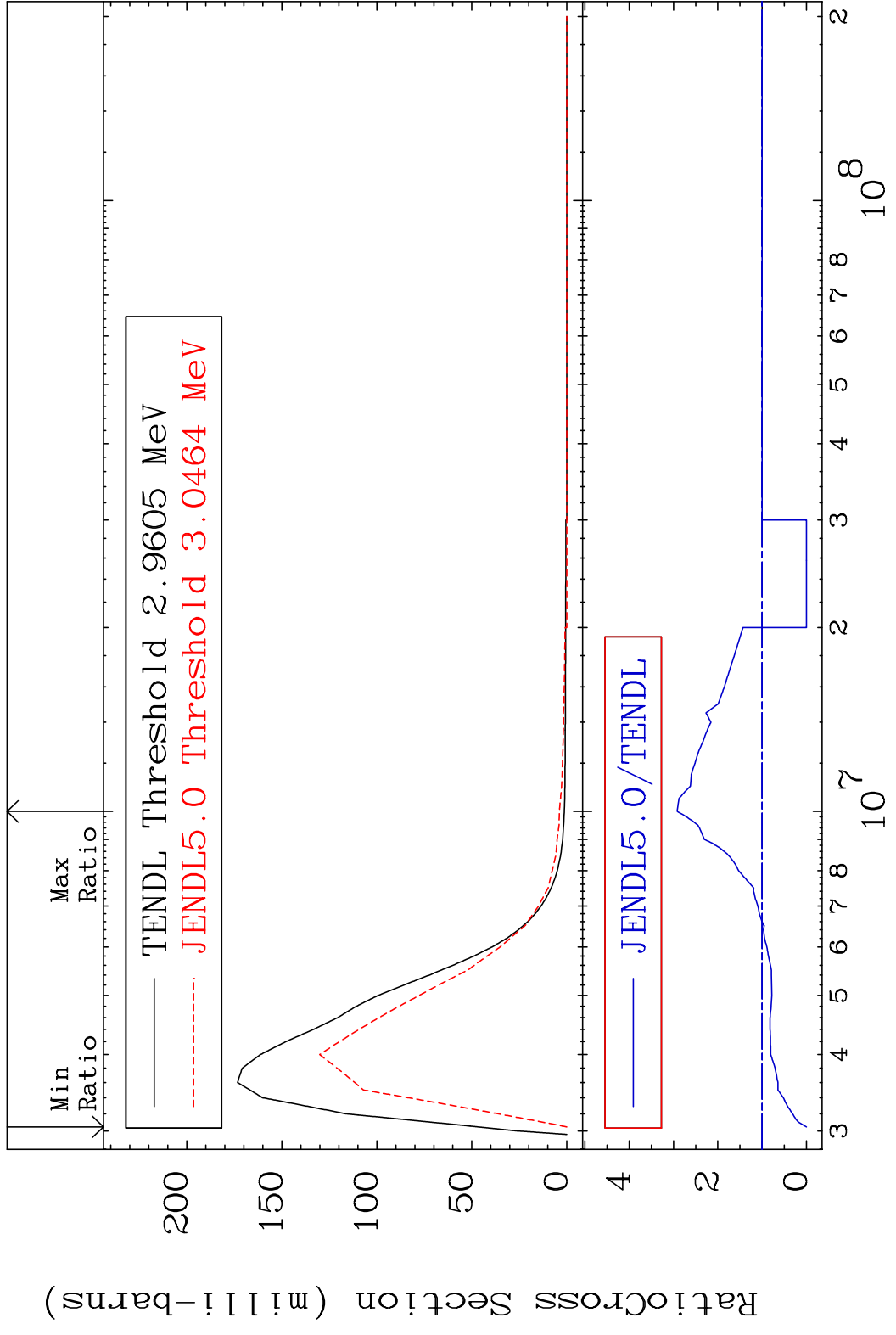
MAT 3649 MT= 55 (n,n') Level 36-Kr-86  
 Cross Section -100.0 To 332.2 %



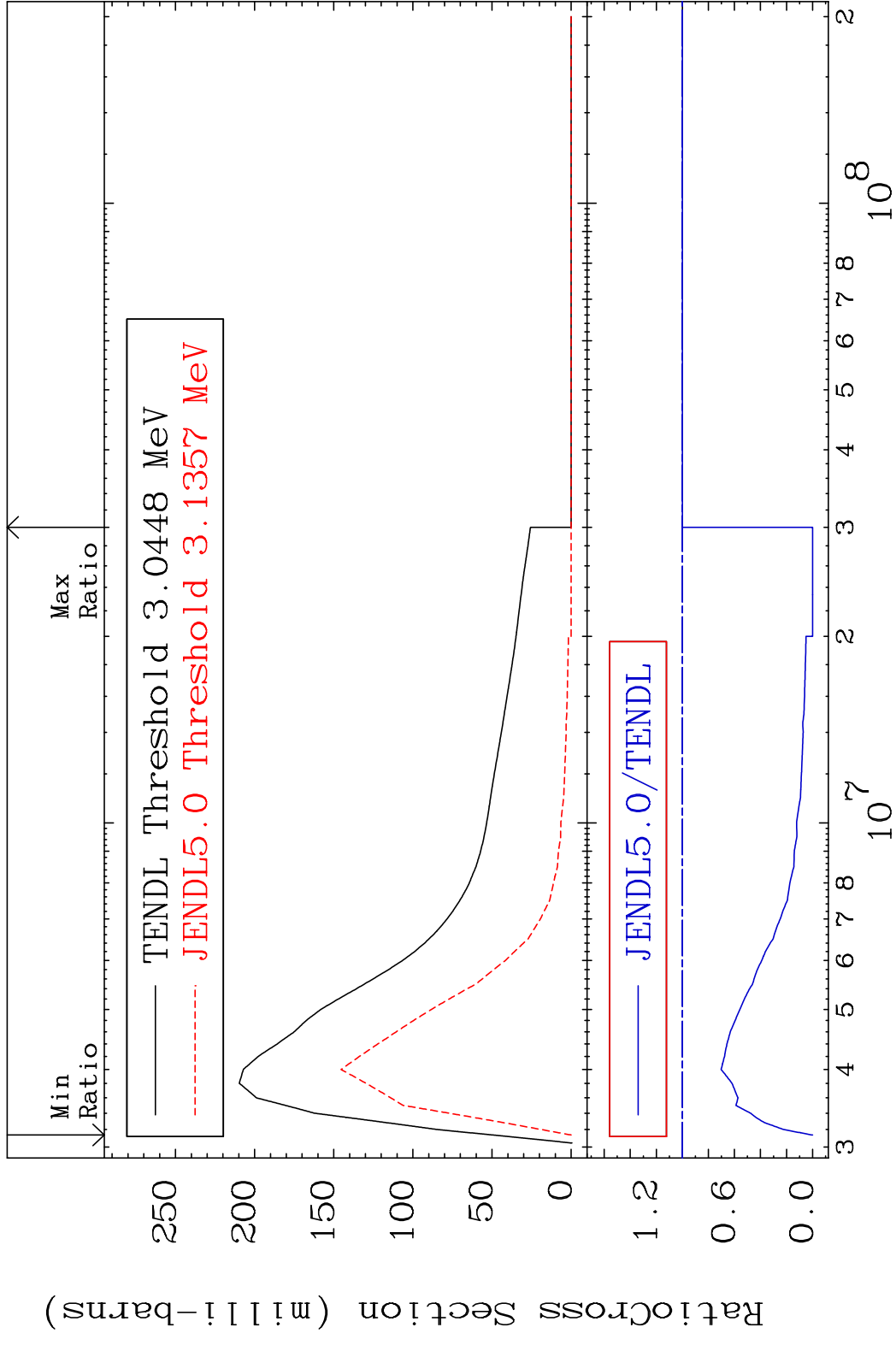
MAT 3649 MT= 56 (n,n') Level 36-Kr-86  
 Cross Section -100.0 To 600.0 %



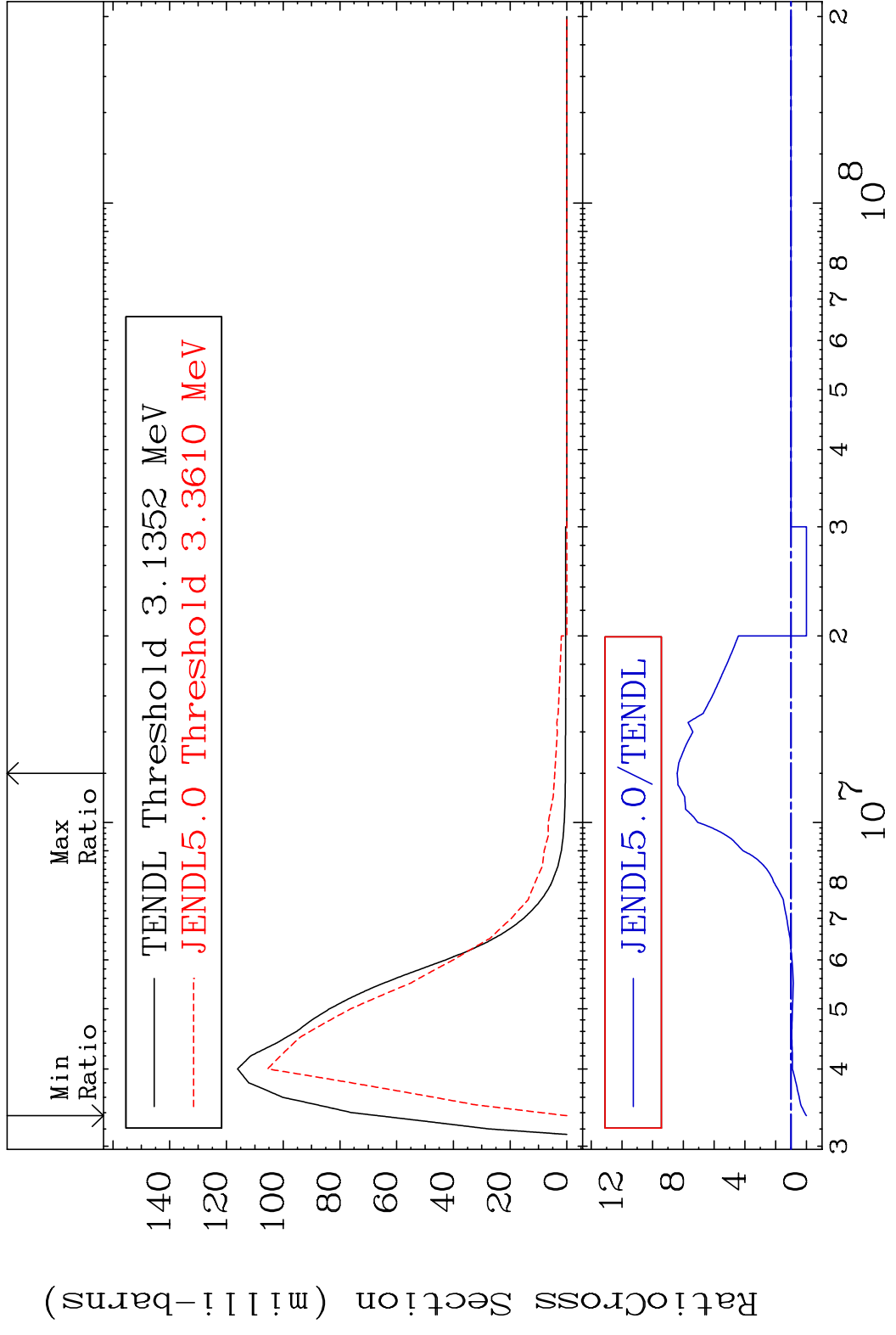
MAT 3649 MT= 57 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 191.7 %



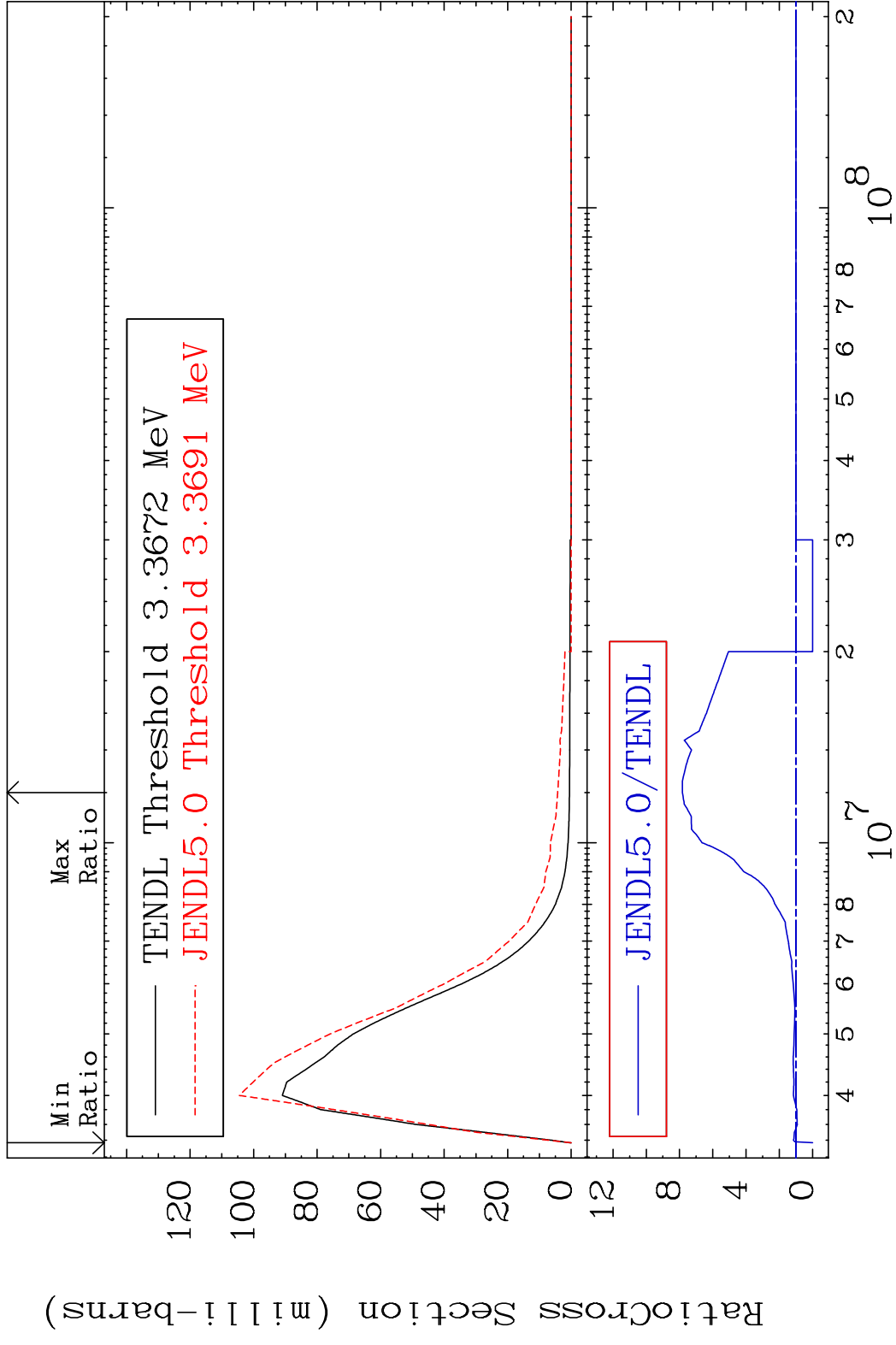
MAT 3649 MT= 58 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 0.000 %



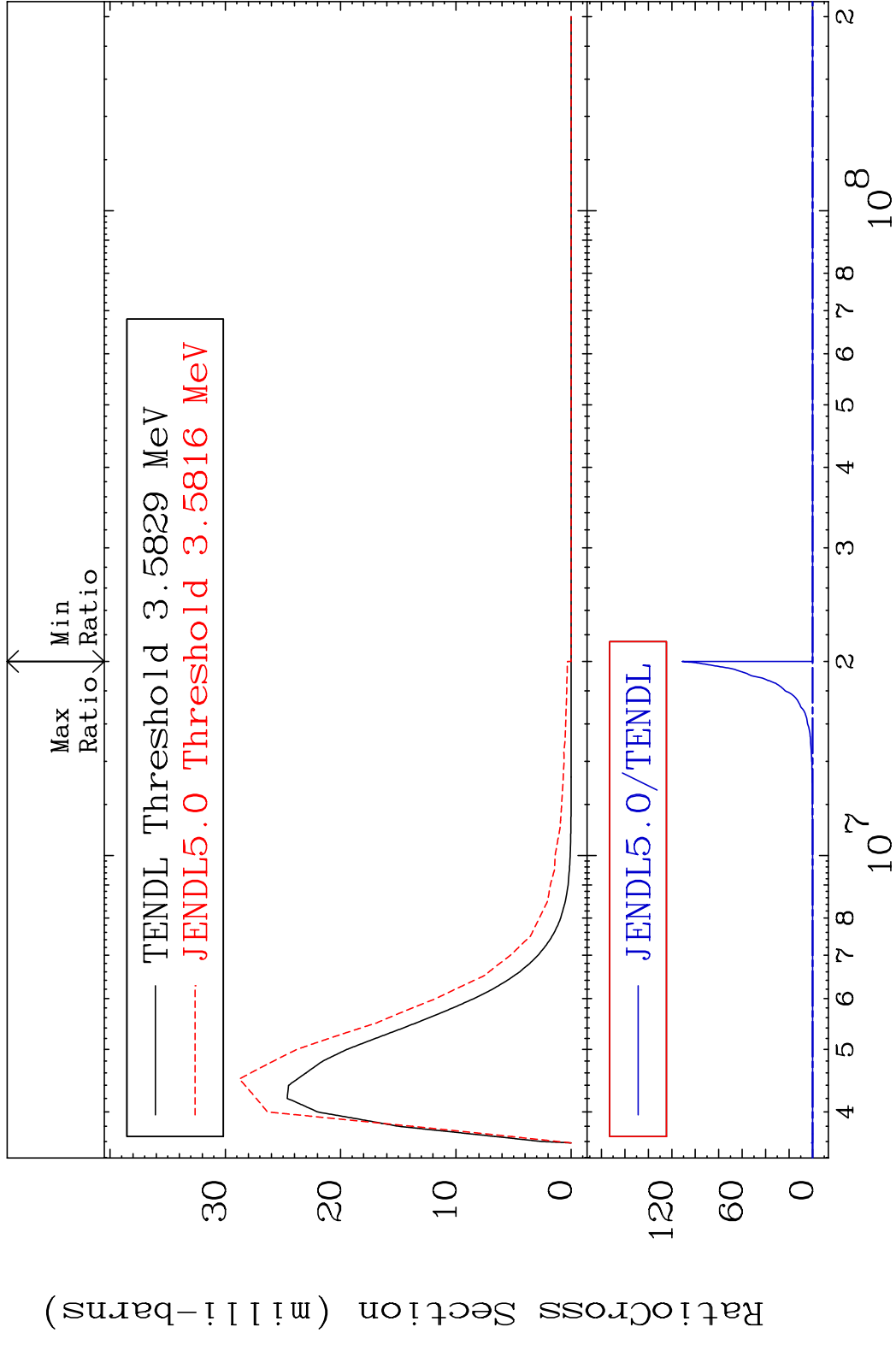
MAT 3649 MT= 59 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 740.4 %



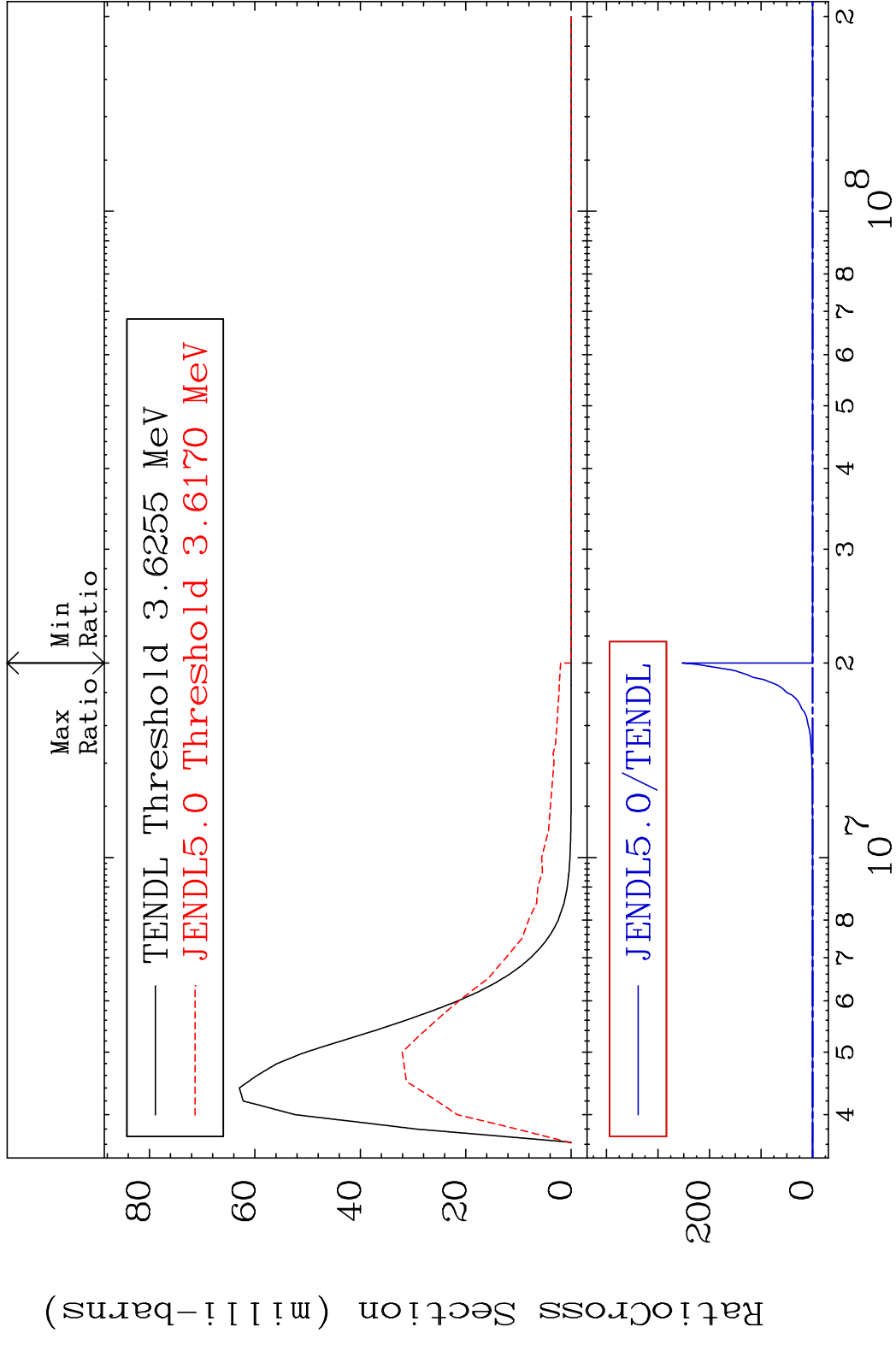
MAT 3649 MT= 60 (n,n') Level 36-Kr-86  
 Cross Section -100.0 To 682.9 %



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



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



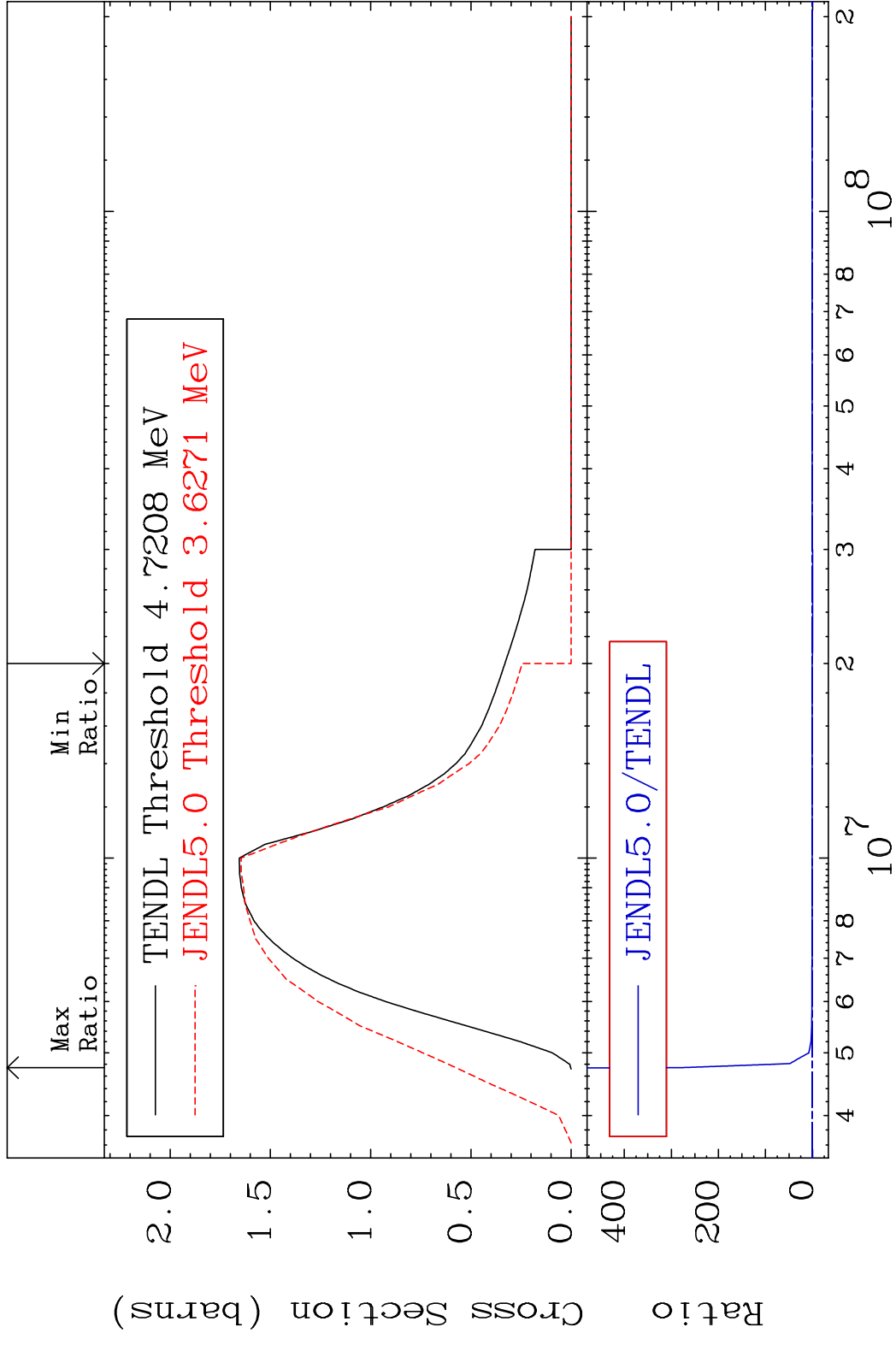
20 Incident Energy (eV) 36-Kr-86

MAT 3649

(n,n') Continuum

36-Kr-86

Cross Section -100.0 To 9999. %

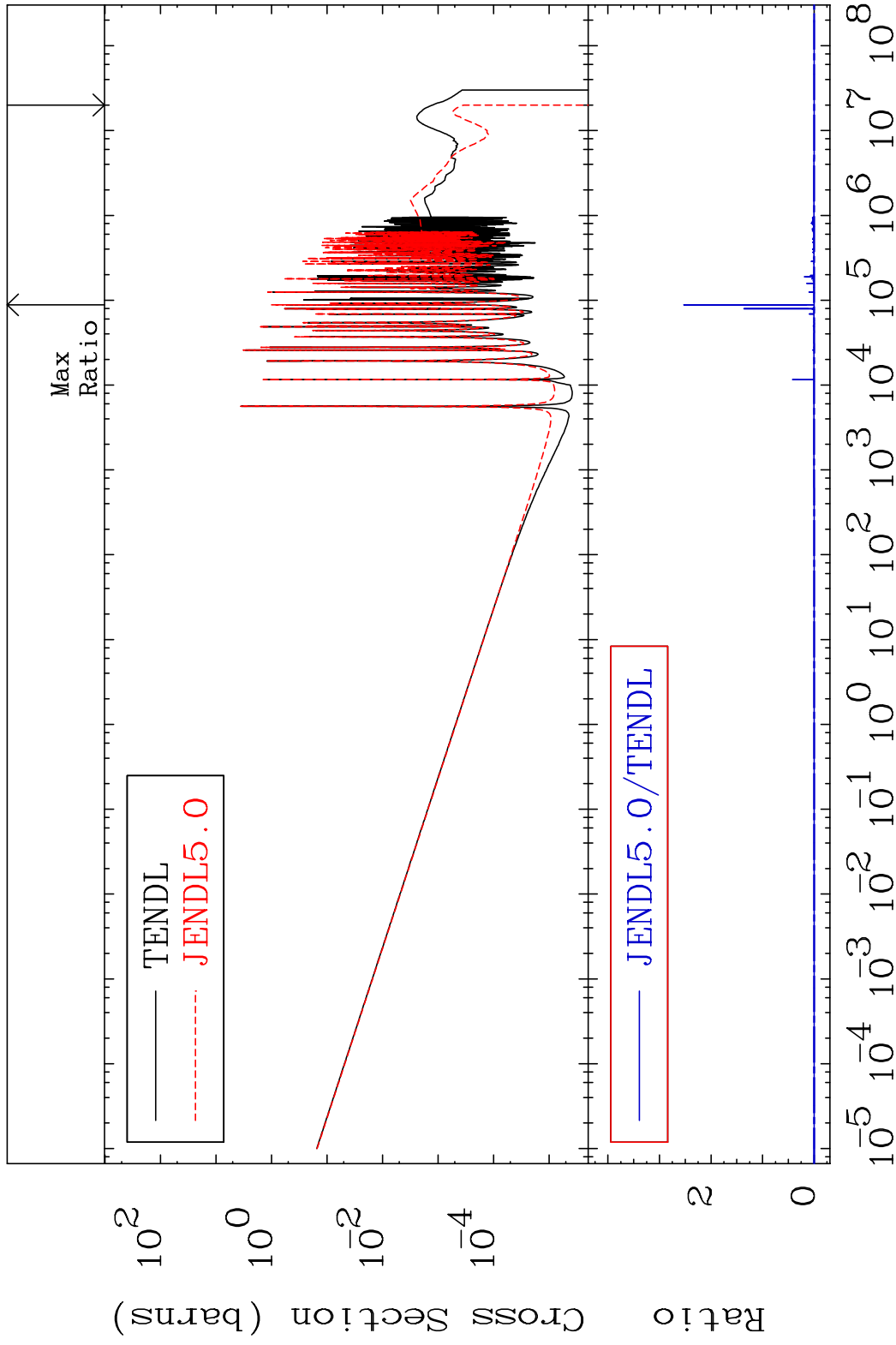


MAT 3649

(n,  $\gamma$ )

36-Kr-86

Cross Section -100.0 To 9999. %

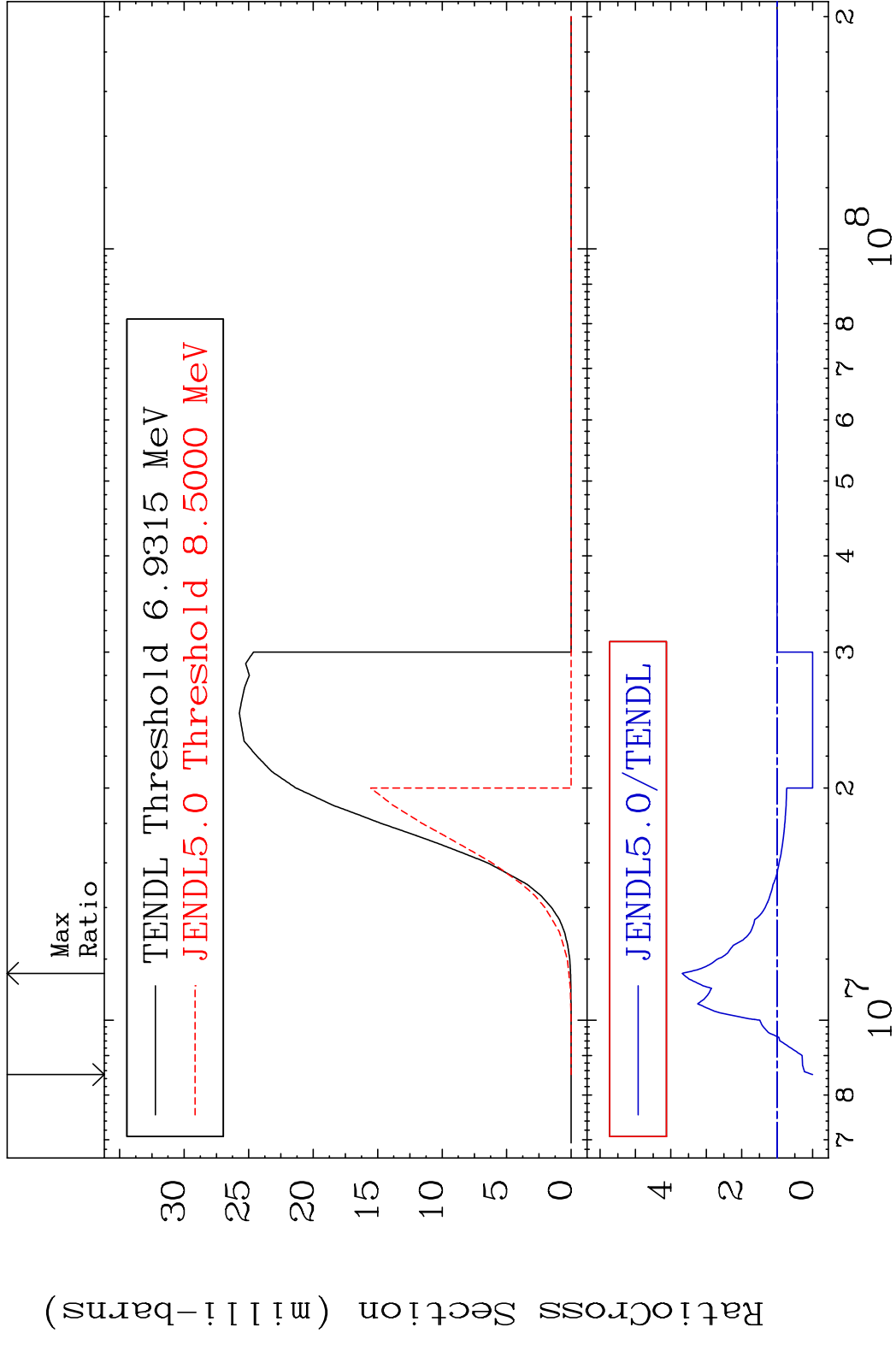


22

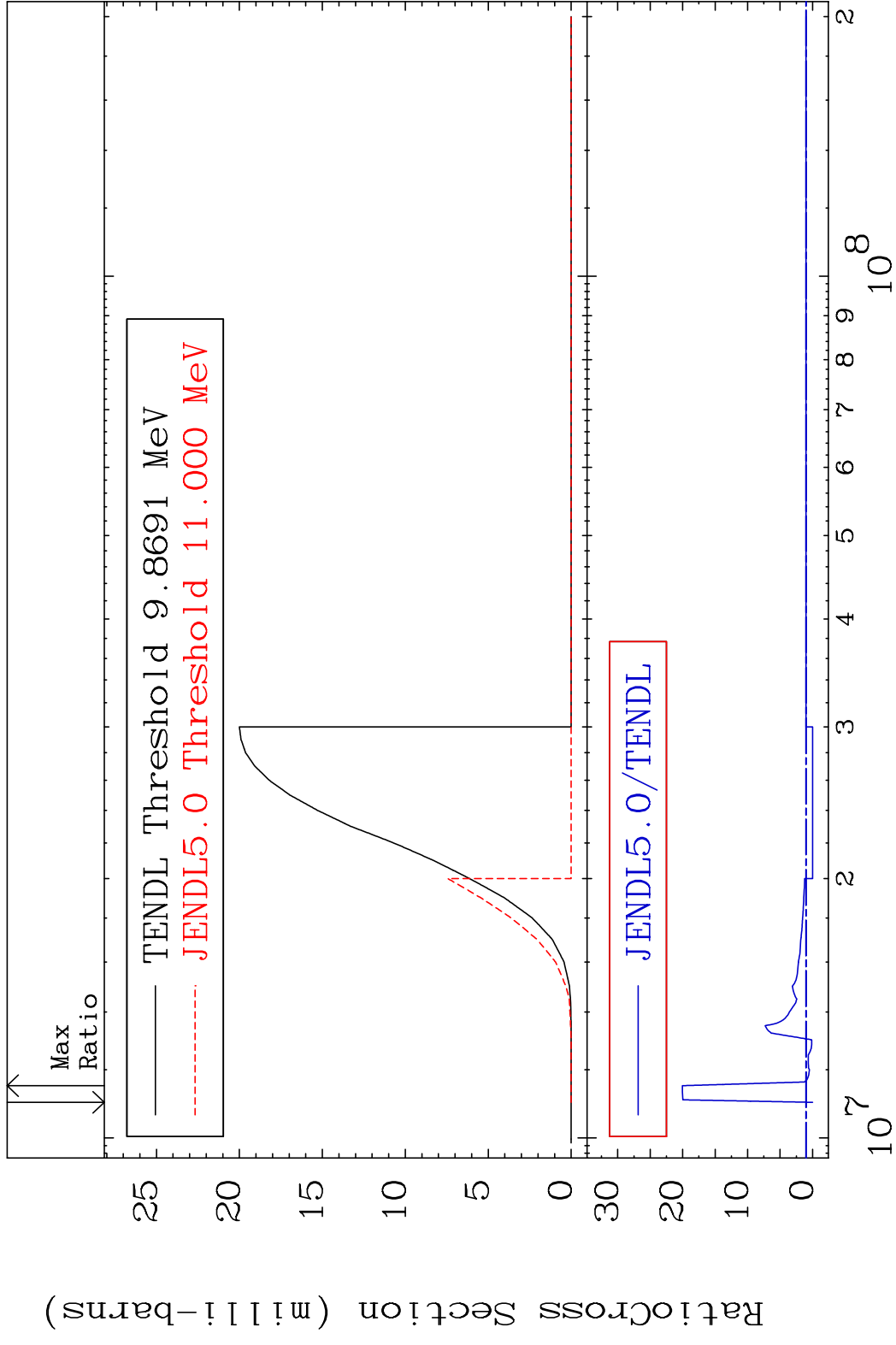
Incident Energy (eV)

36-Kr-86

MAT 3649 (n,p) 36-Kr-86  
 Cross Section -100.0 To 267.6 %

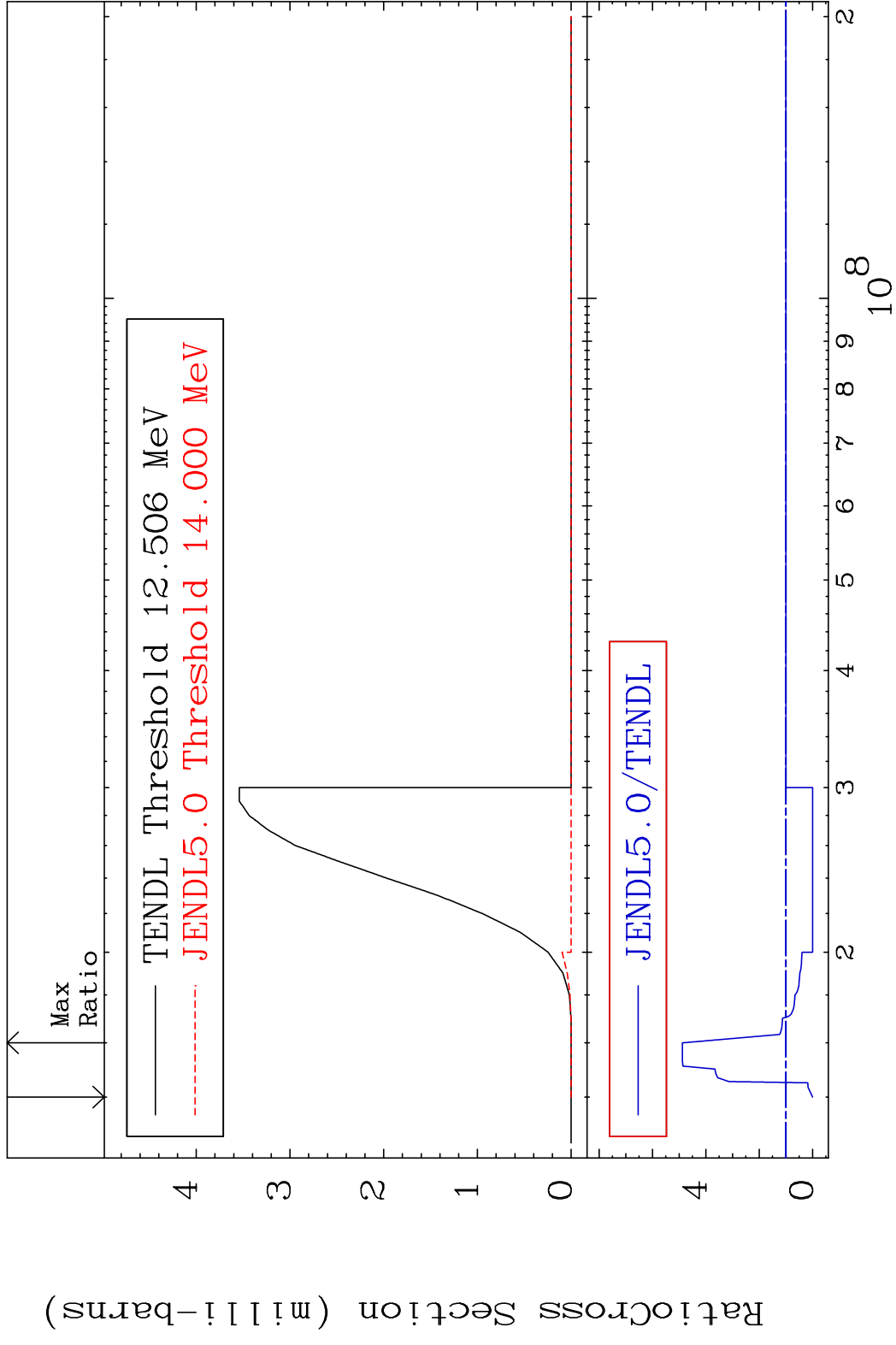


MAT 3649 (n,d) 36-Kr-86  
 Cross Section -100.0 To 1905. %



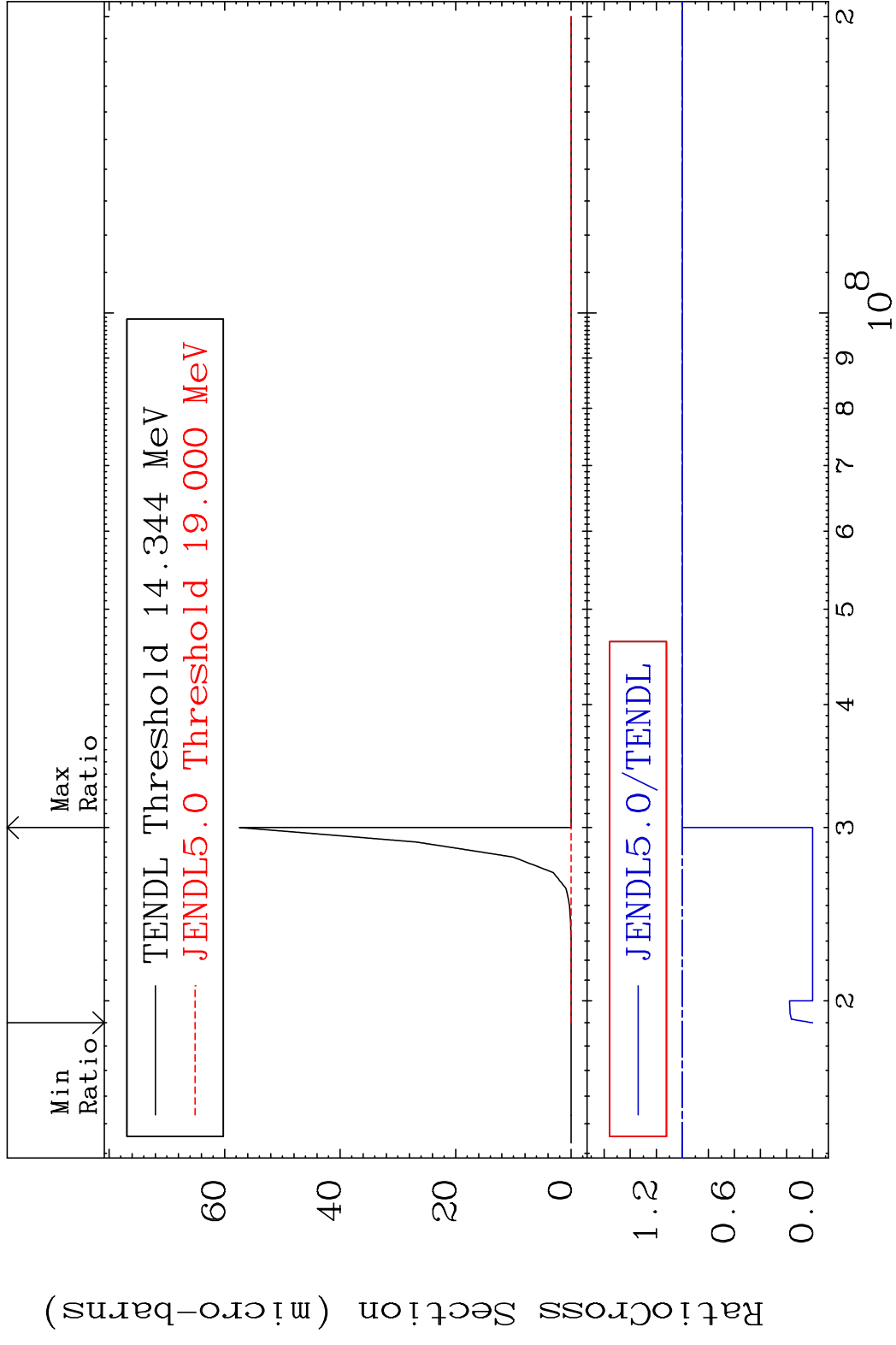
24 36-Kr-86

MAT 3649 (n, t) 36-Kr-86  
 Cross Section -100.0 To 388.0 %



25 Incident Energy (eV) 36-Kr-86

MAT 3649 (n, He-3) 36-Kr-86  
 Cross Section -100.0 To 0.000 %

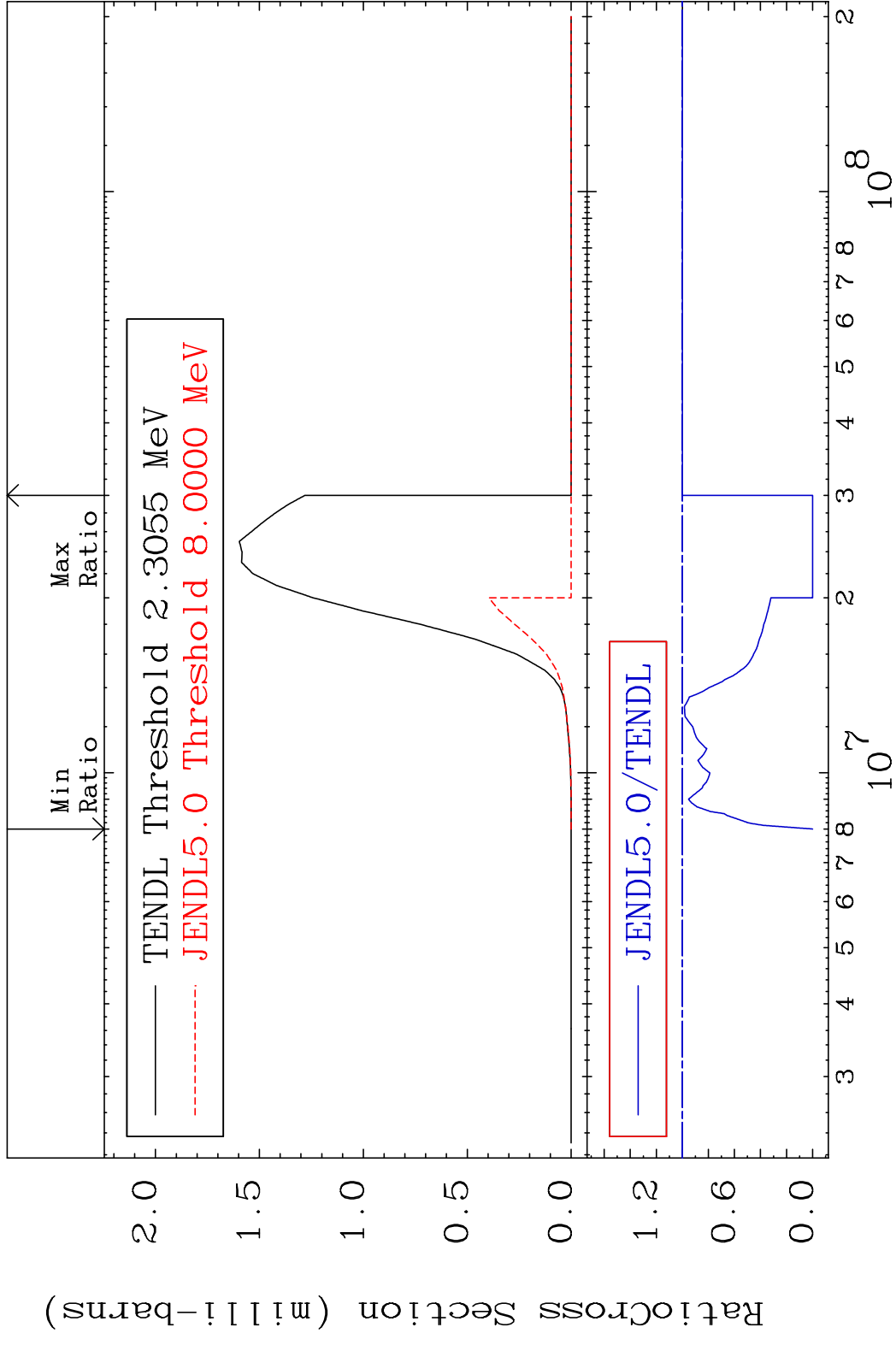


MAT 3649

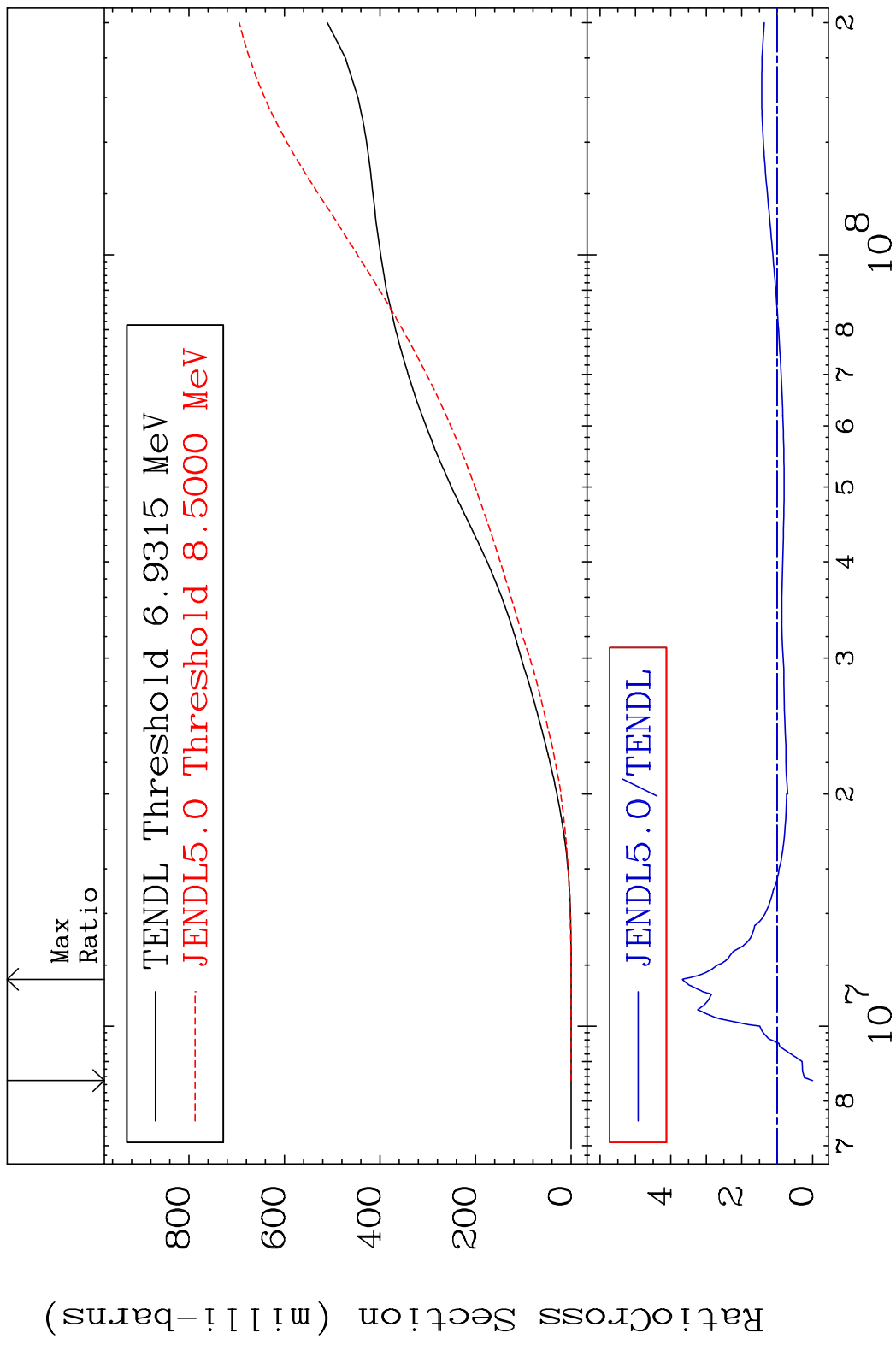
36-Kr-86

(n,  $\alpha$ )

Cross Section -100.0 To 0.000 %

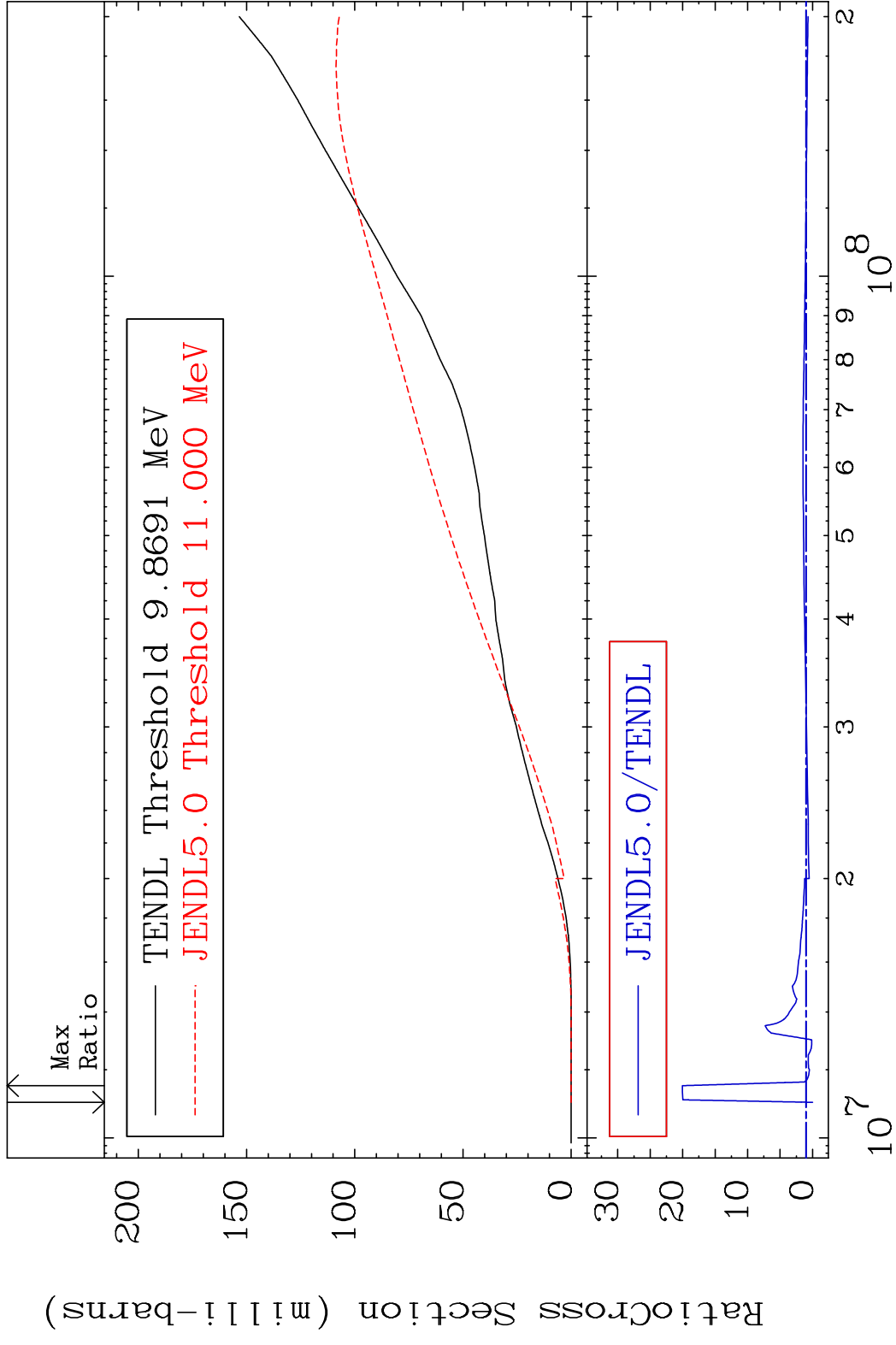


MAT 3649 Hydrogen Production 36-Kr-86  
 Cross Section -100.0 To 267.6 %



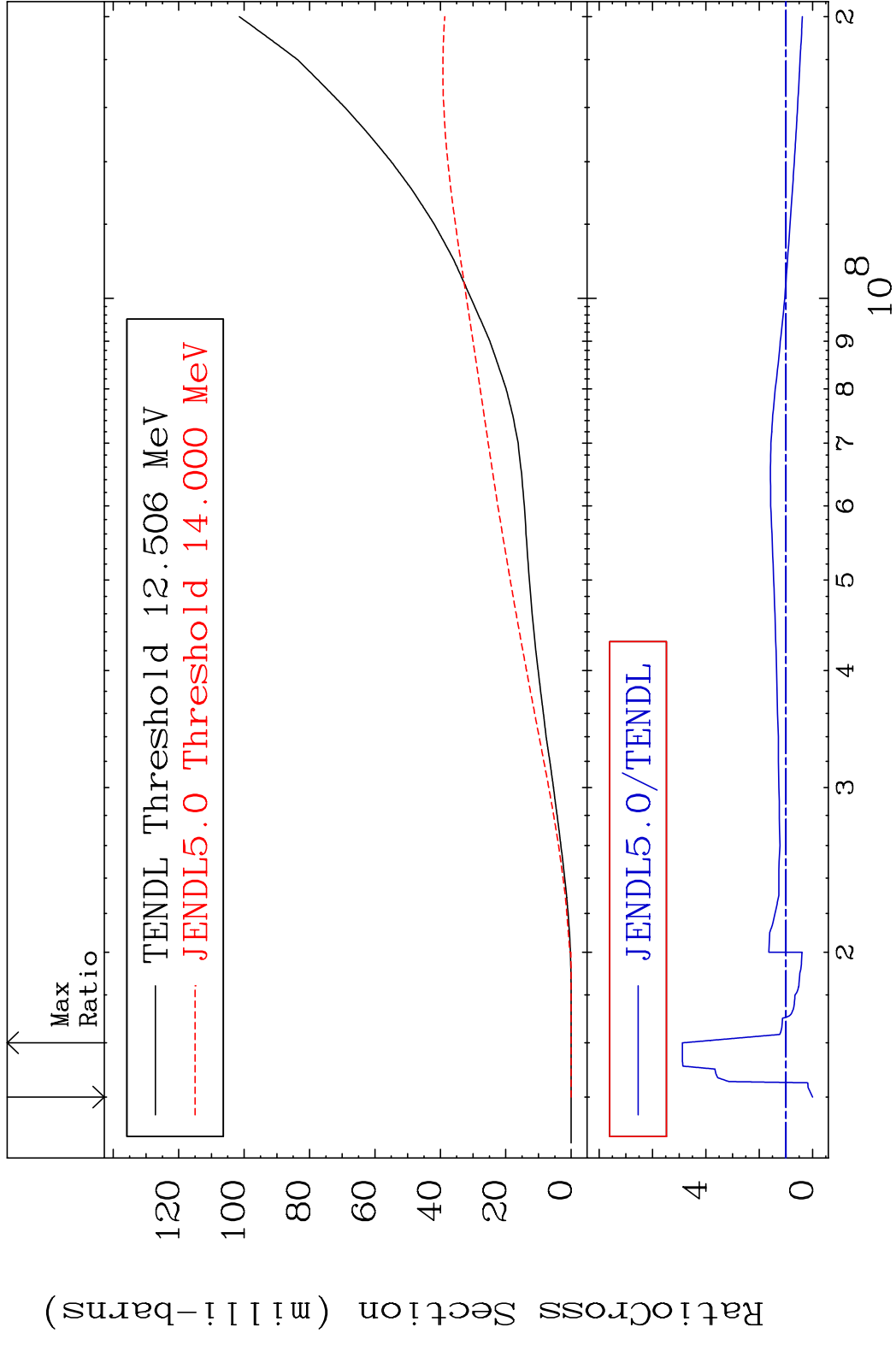
28 36-Kr-86

MAT 3649 Deuterium Production 36-Kr-86  
 Cross Section -100.0 To 1905. %



29 36-Kr-86

MAT 3649 Tritium Production 36-Kr-86  
 Cross Section -100.0 To 388.0 %



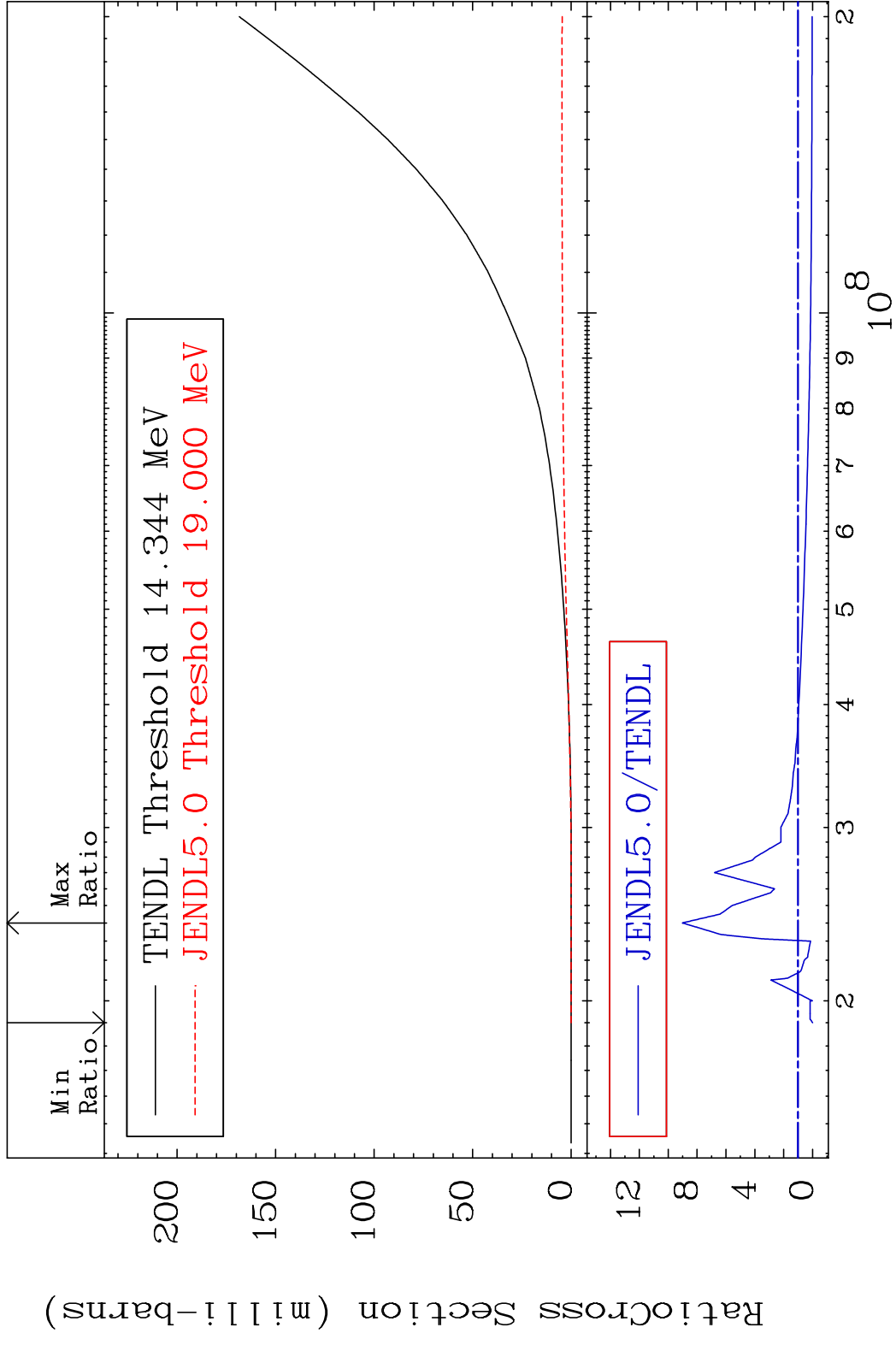
30 36-Kr-86

MAT 3649

He-3 Production

36-Kr-86

Cross Section -100.0 To 802.0 %



31

Incident Energy (eV)

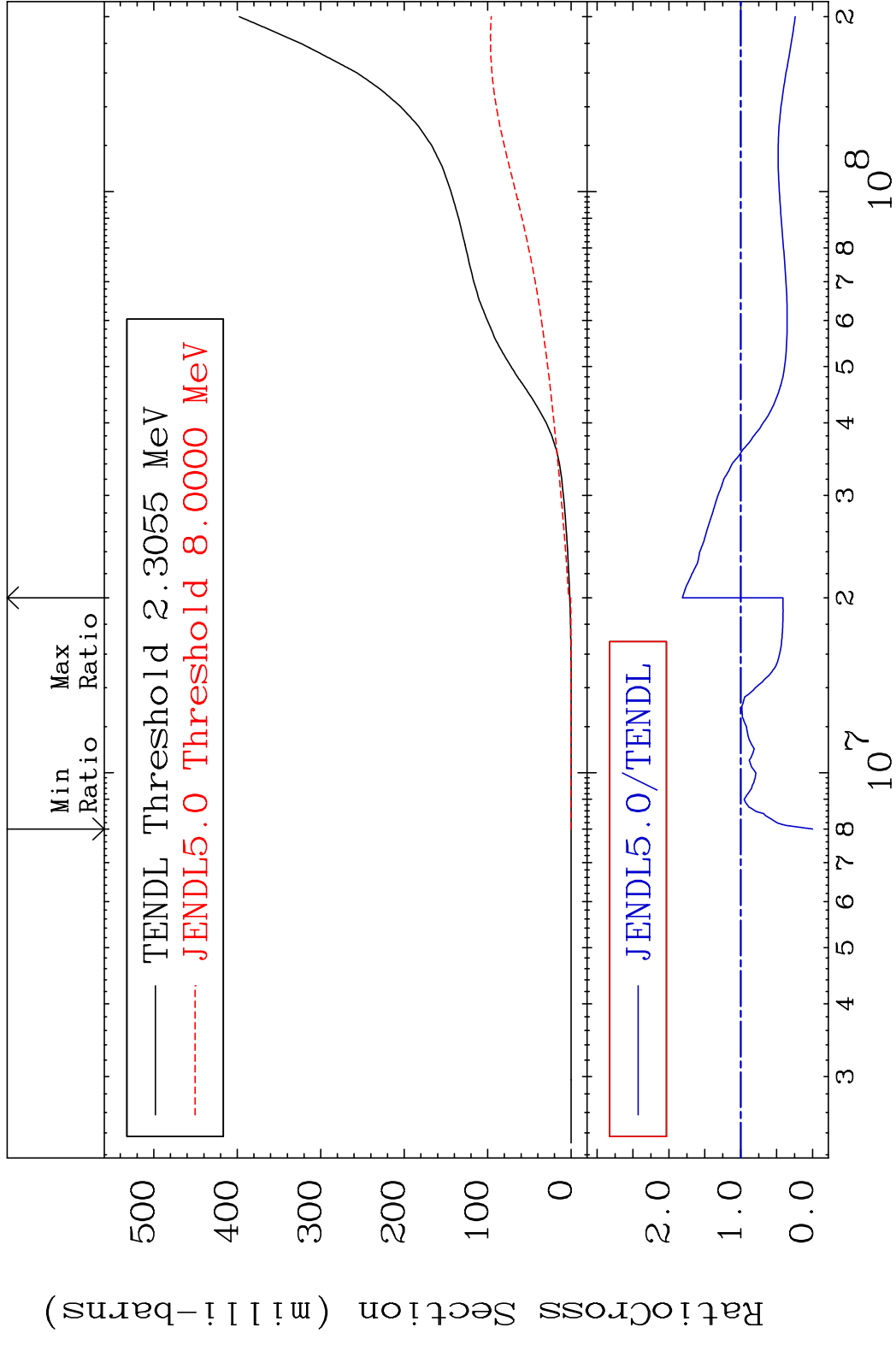
36-Kr-86

MAT 3649

He-4 Production

36-Kr-86

Cross Section -100.0 To 81.27 %

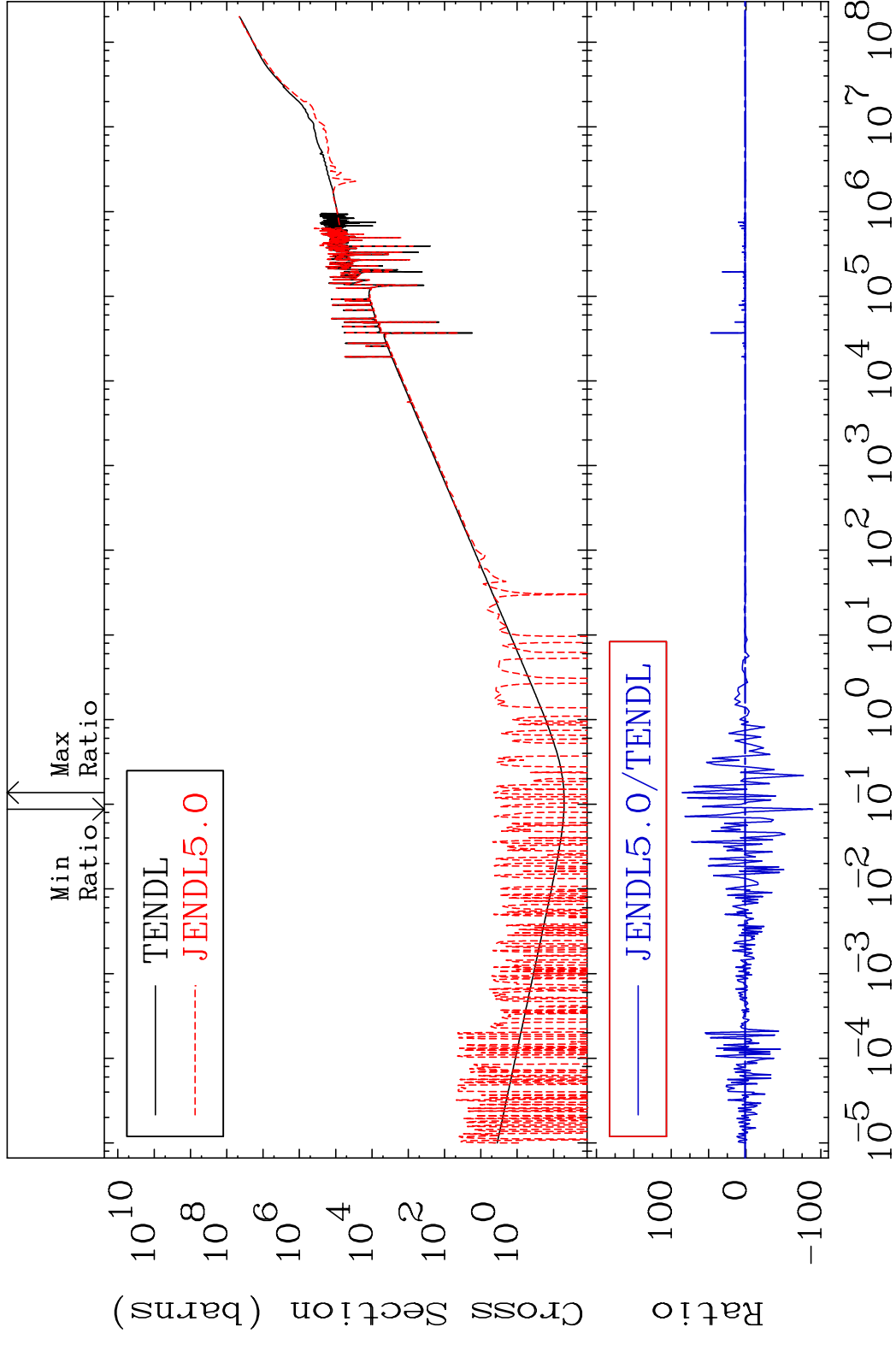


32

Incident Energy (eV)

36-Kr-86

MAT 3649 Kerma total (eV-barns) 36-Kr-86  
 Cross Section -9007. To 8398. %



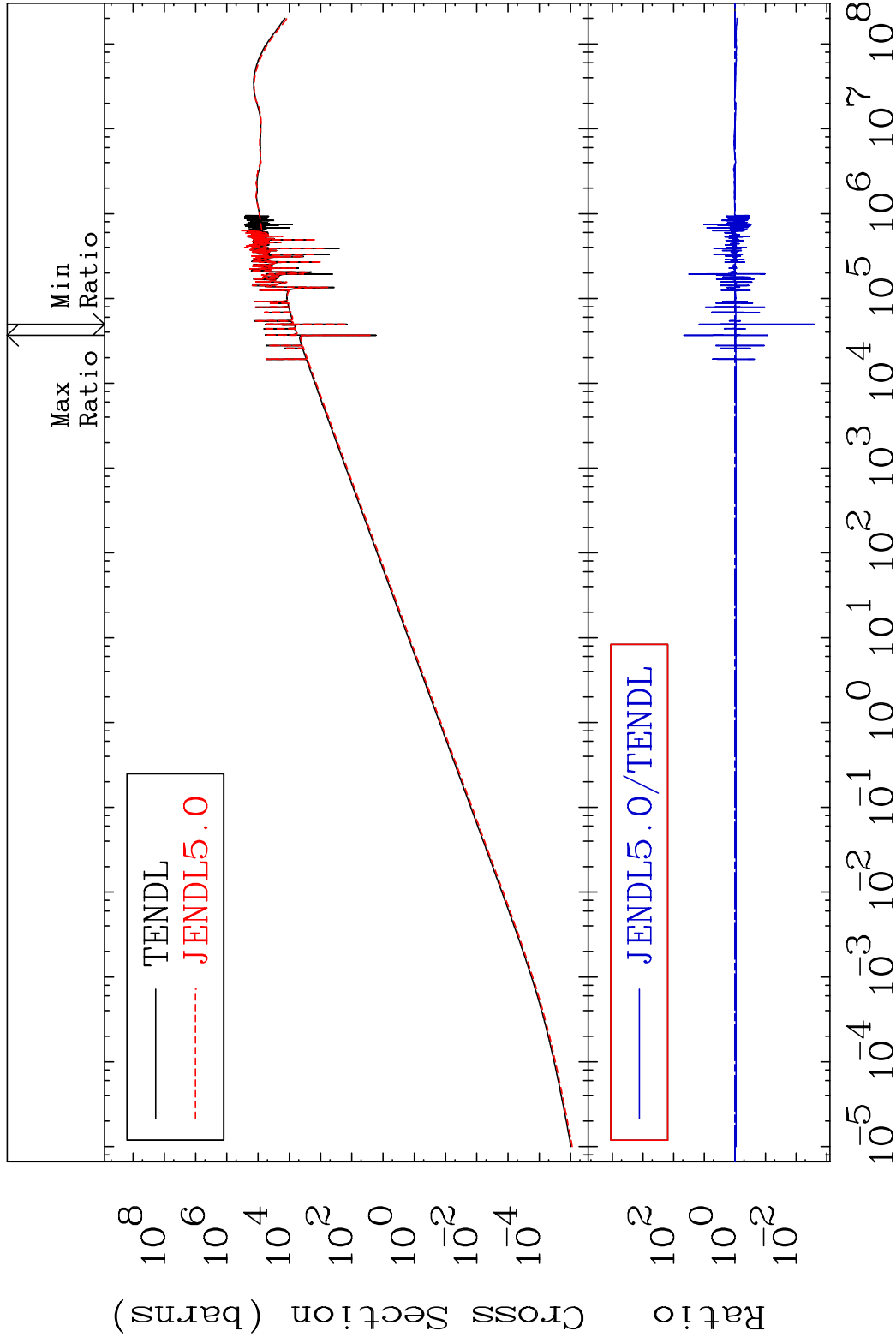
33 Incident Energy (eV) 36-Kr-86

MAT 3649

Kerma elastic

36-Kr-86

Cross Section -99.74 To 4578. %

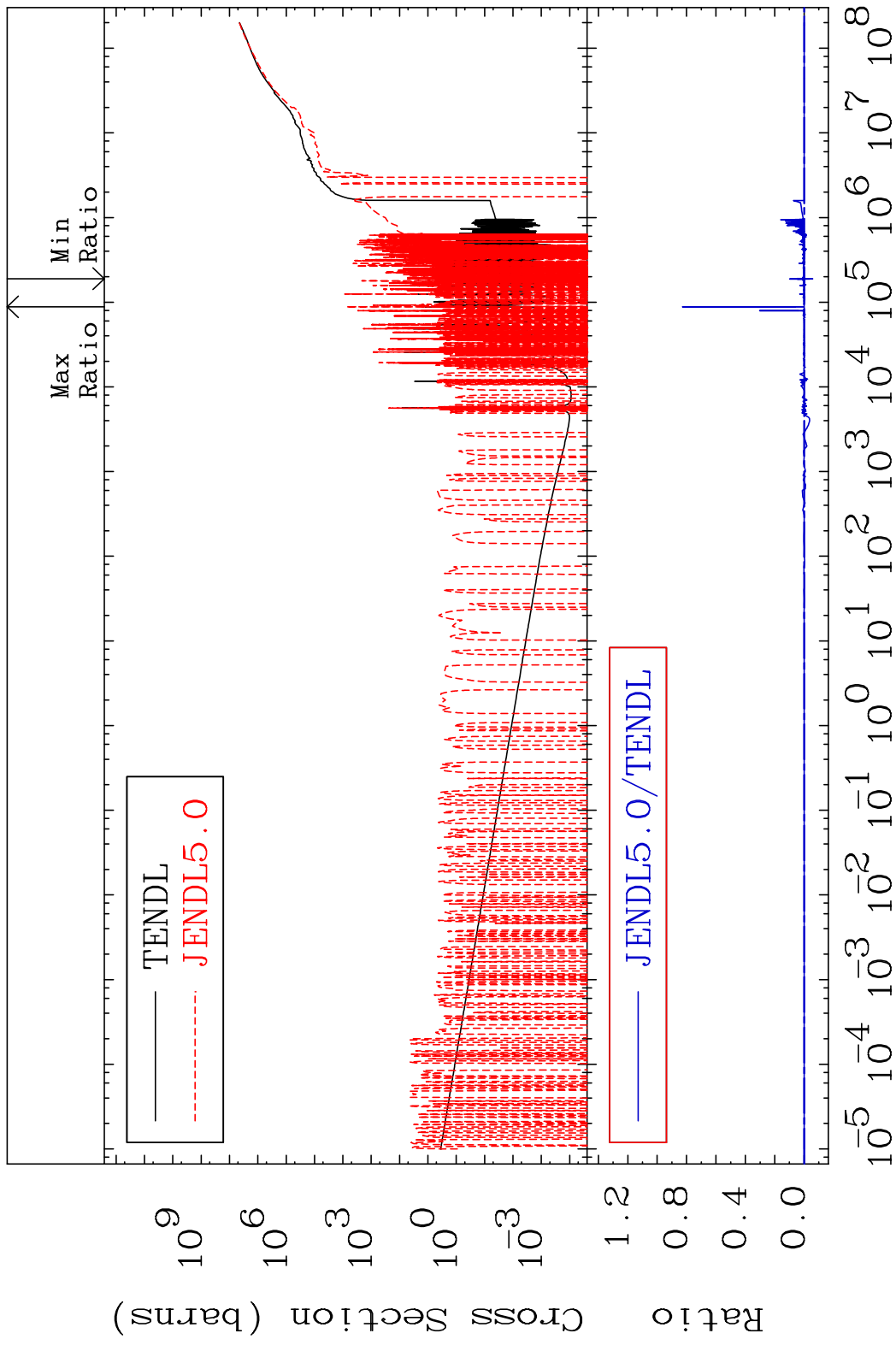


34

Incident Energy (eV)

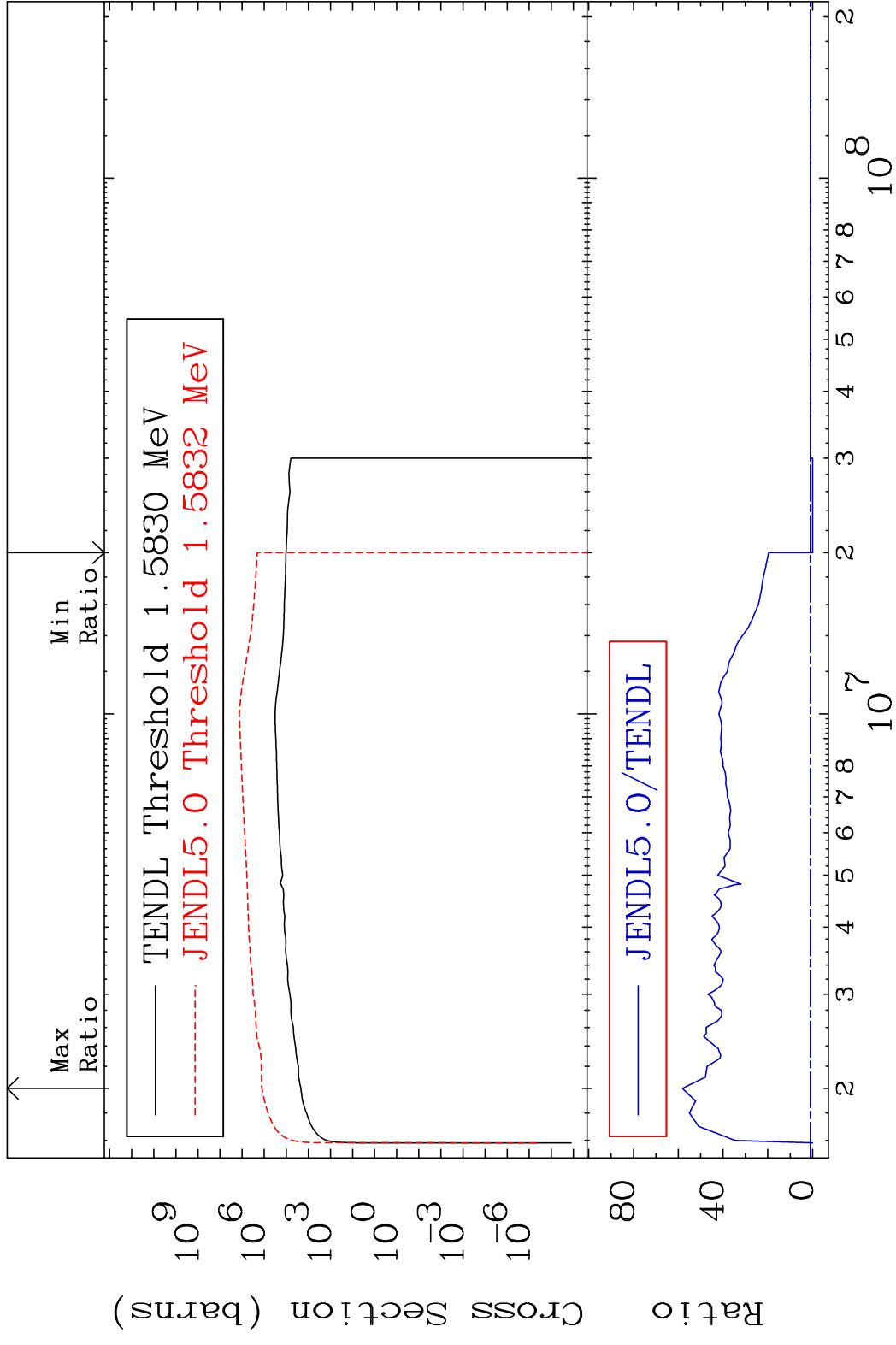
36-Kr-86

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



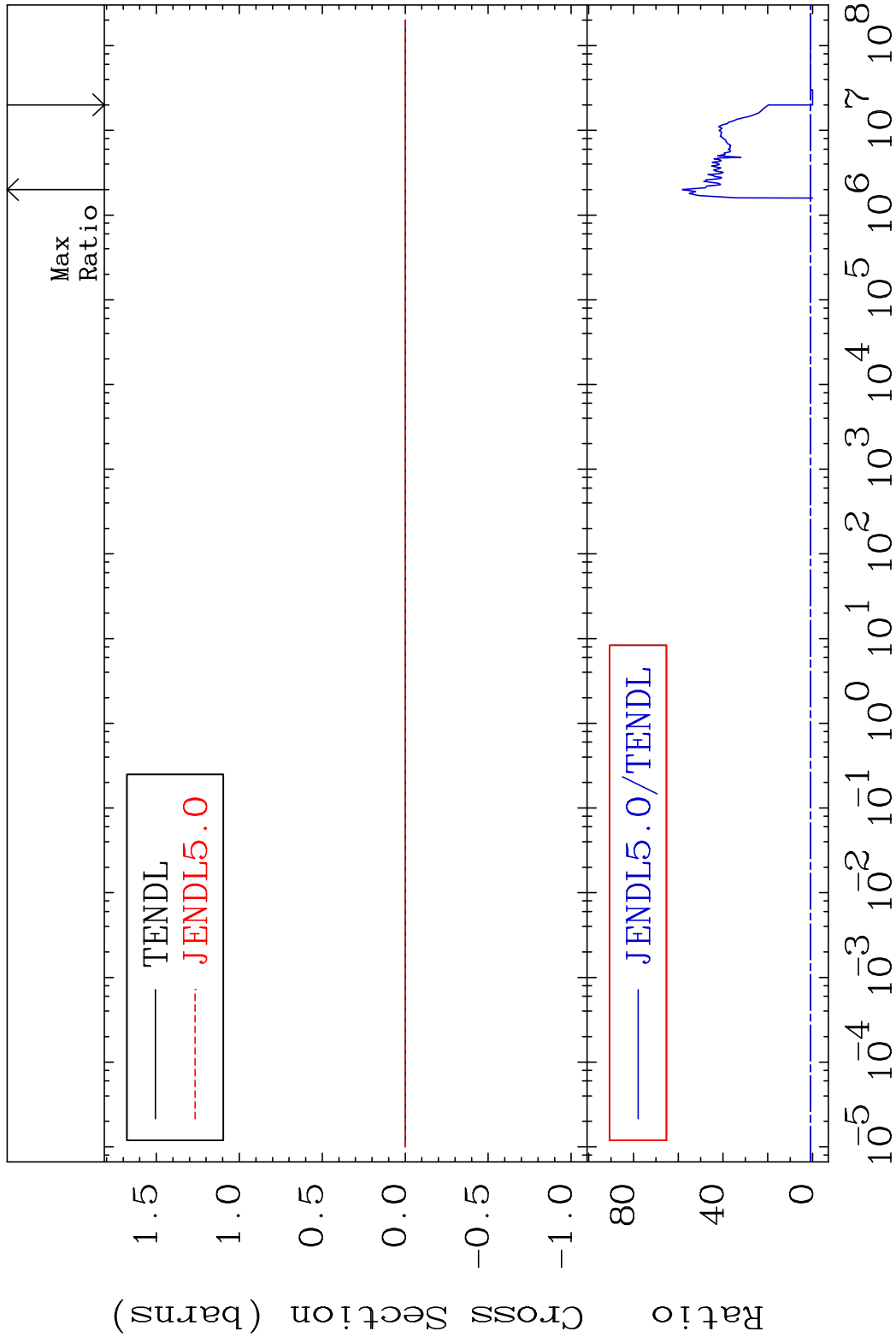
35 Incident Energy (eV) 36-Kr-86

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



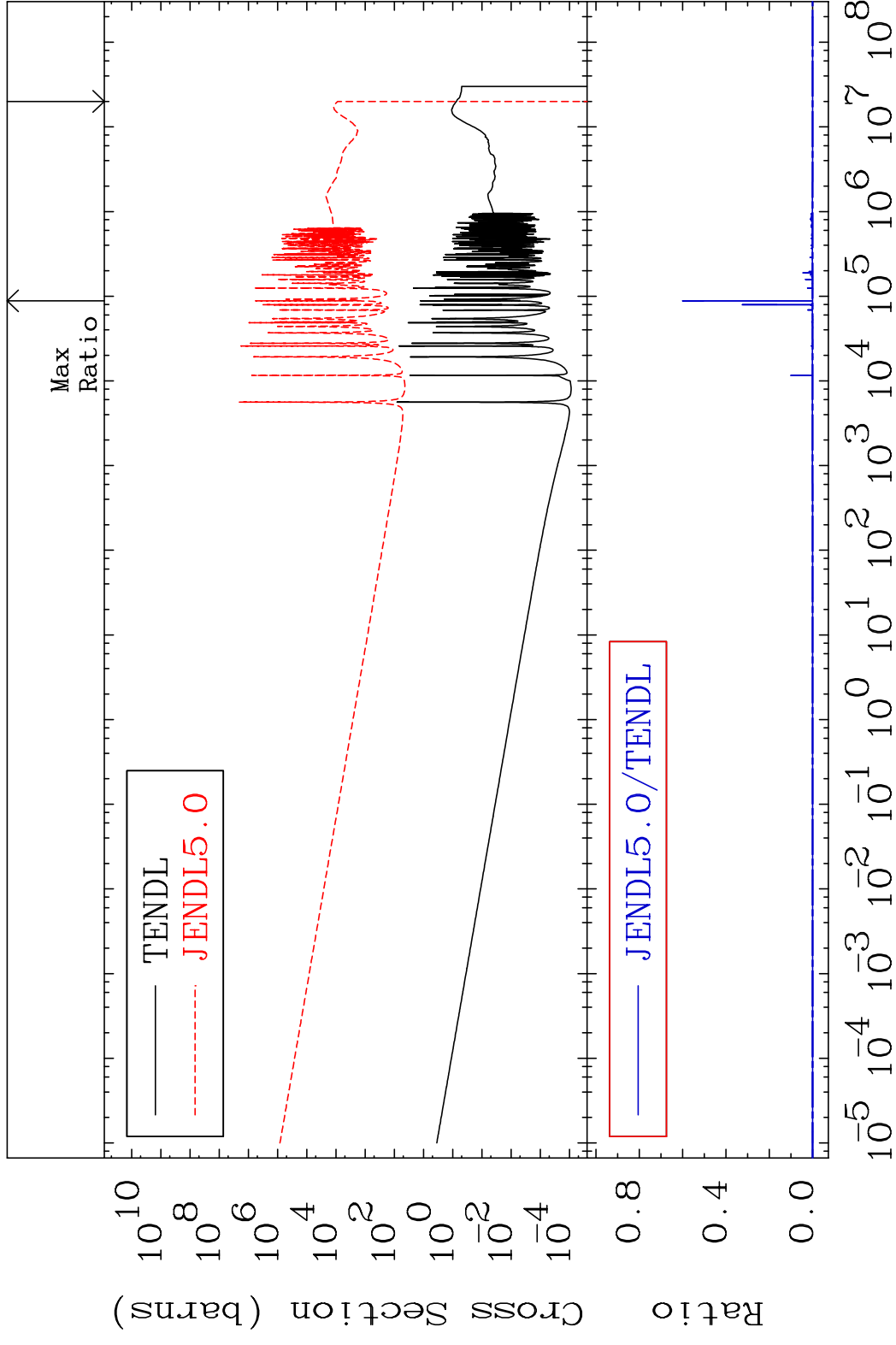
36 Incident Energy (eV) 36-Kr-86

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. %

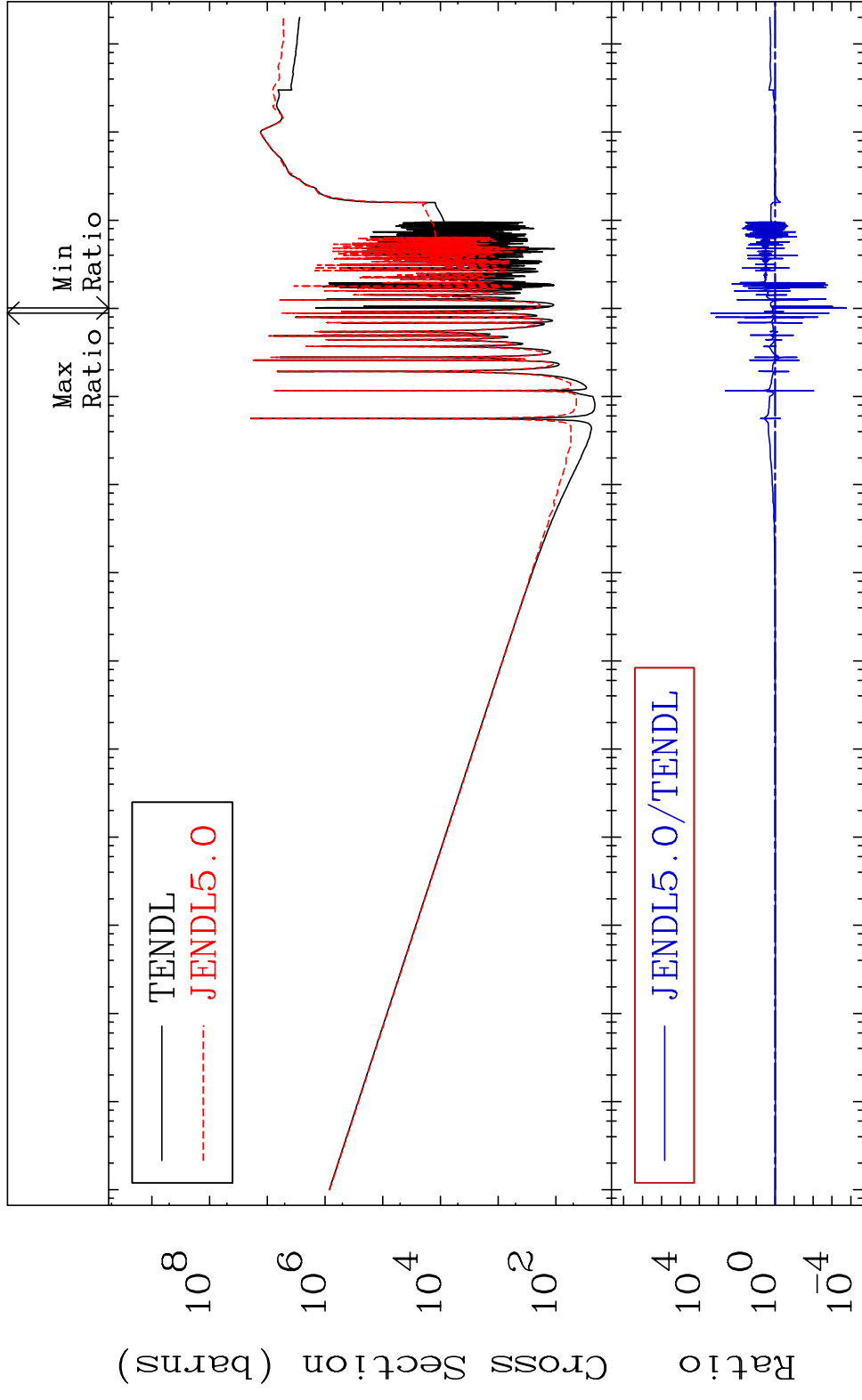


38

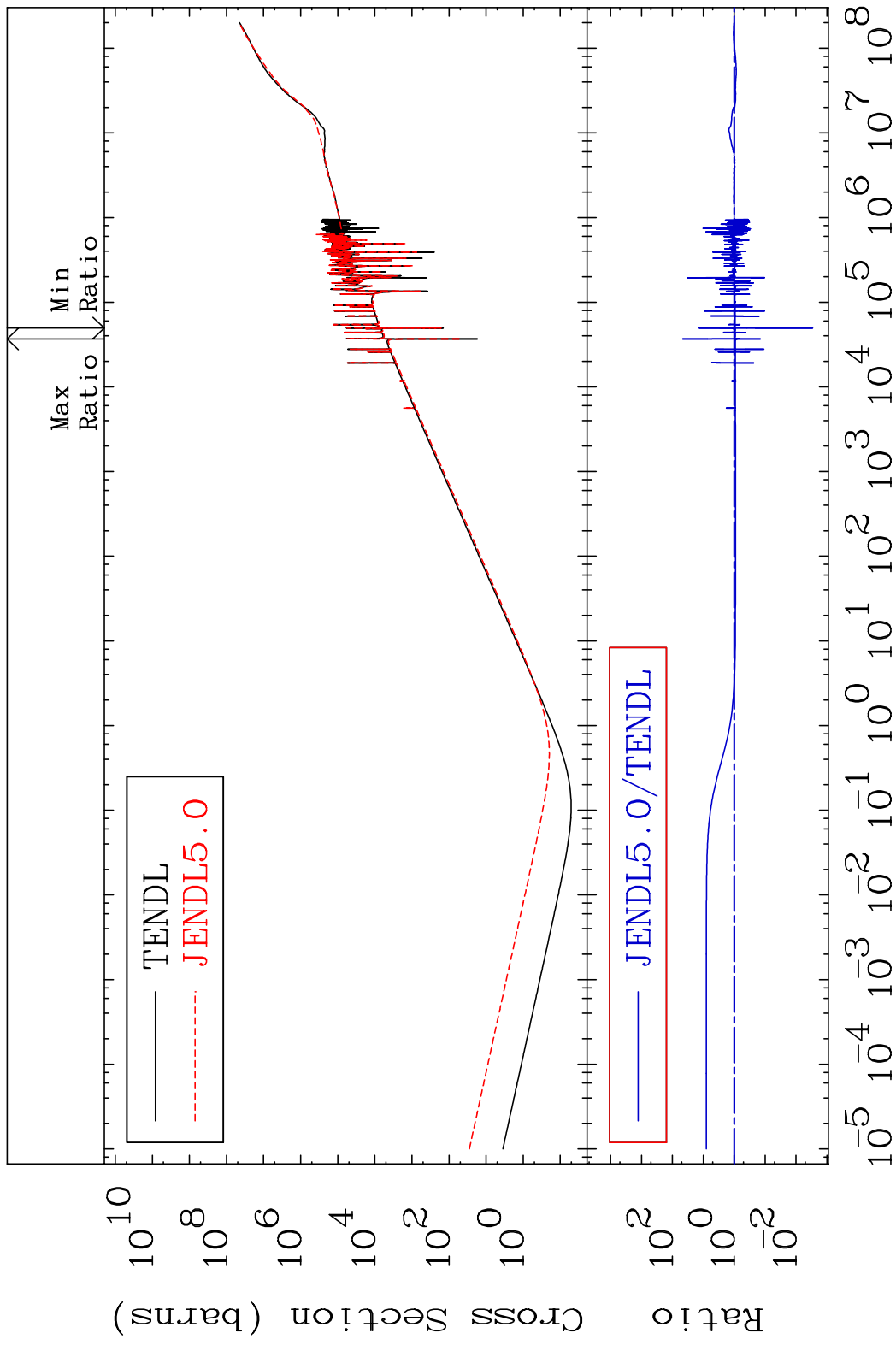
Incident Energy (eV)

36-Kr-86

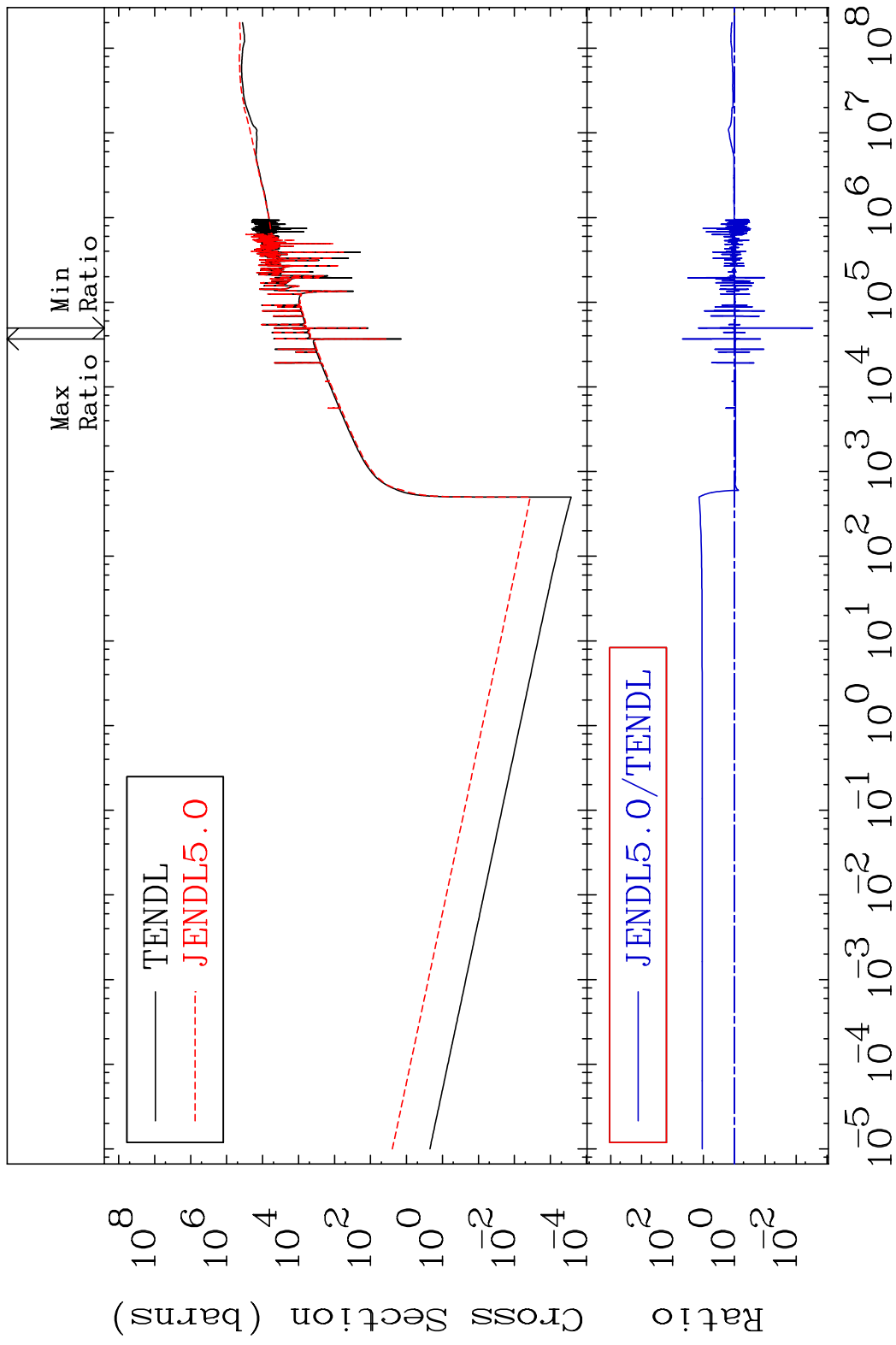
MAT 3649 Total photon (eV-barns) 36-Kr-86  
 Cross Section -99.98 To 9999. %



MAT 3649 Total kinematic kerma (high limit) 36-Kr-86  
Cross Section -99.71 To 4673. %



MAT 3649      Dpa total (eV-barns)      36-Kr-86  
 Cross Section      -99.71 To 4703. %



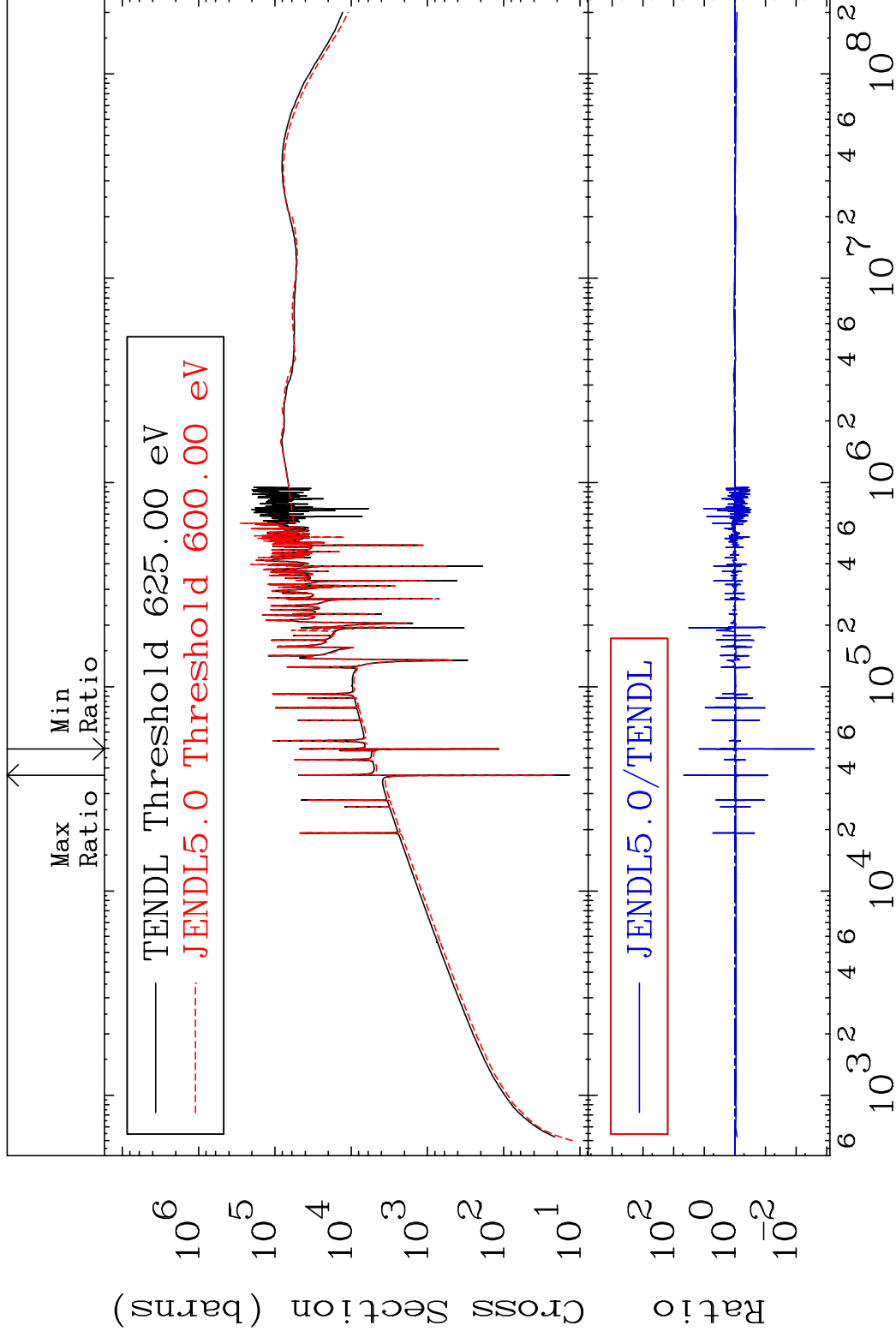
41      Incident Energy (eV)      36-Kr-86

MAT 3649

Dpa elastic (mt2)

36-Kr-86

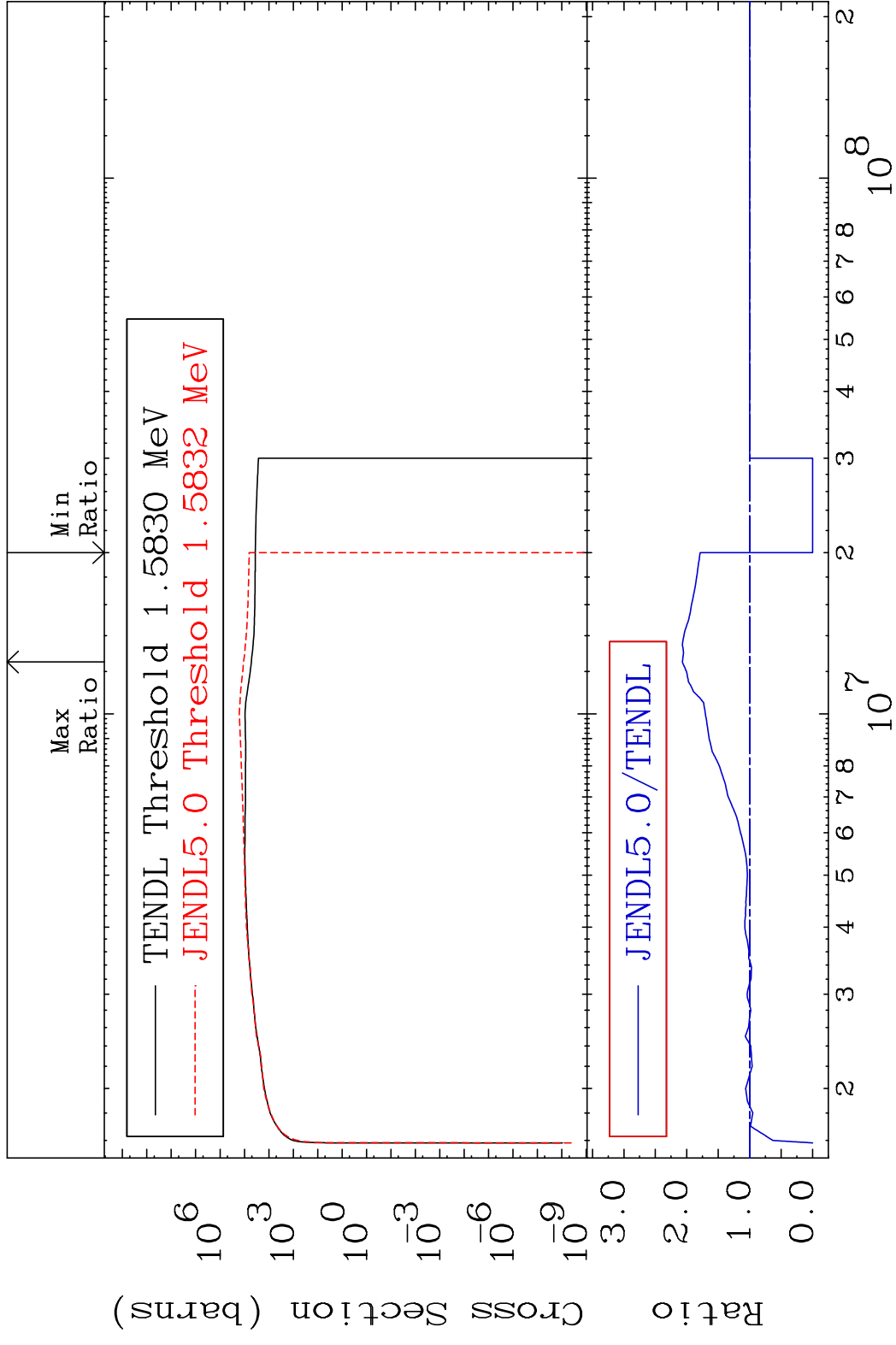
Cross Section -99.74 To 4578. %



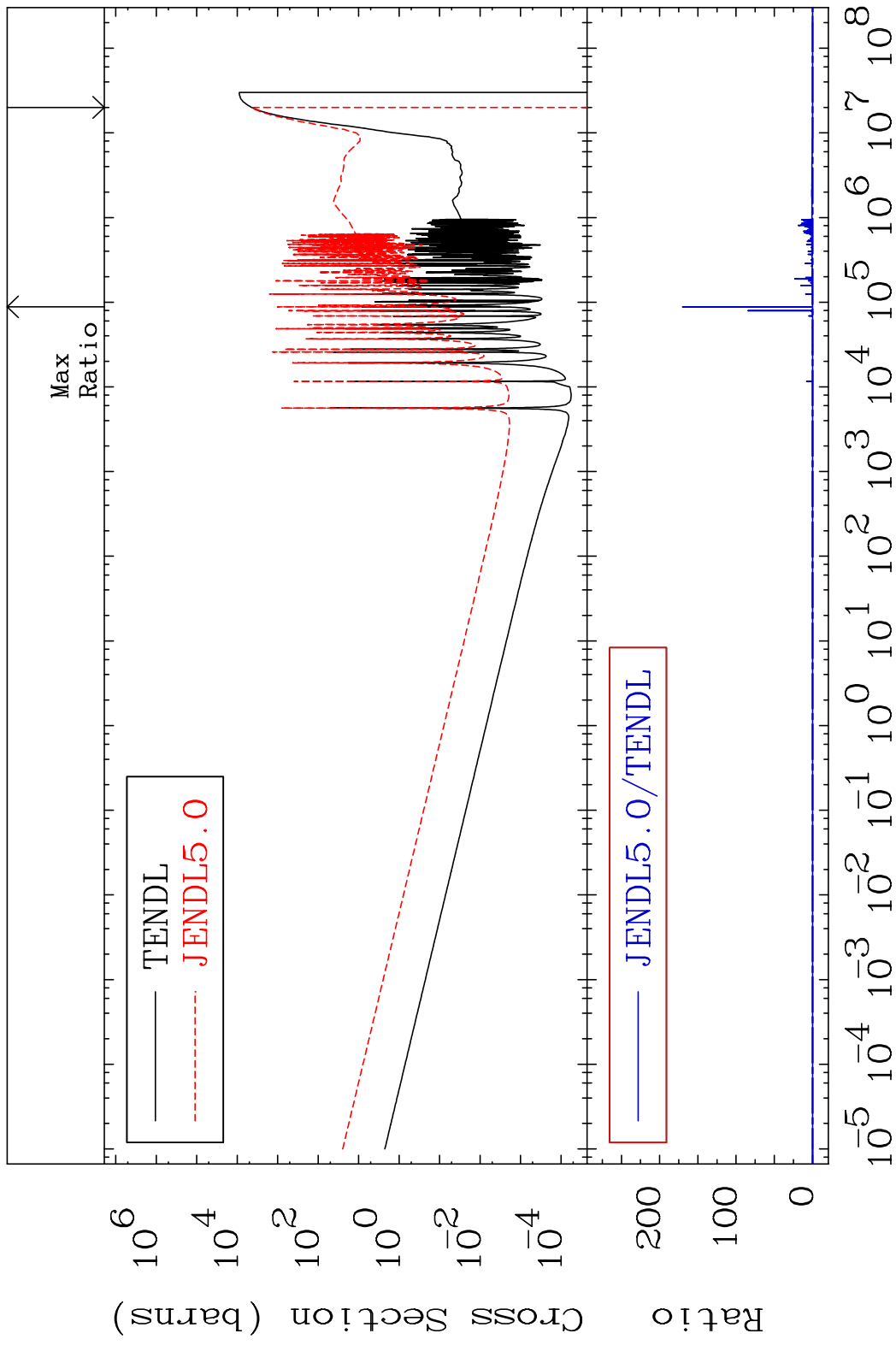
42

Incident Energy (eV)

36-Kr-86



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

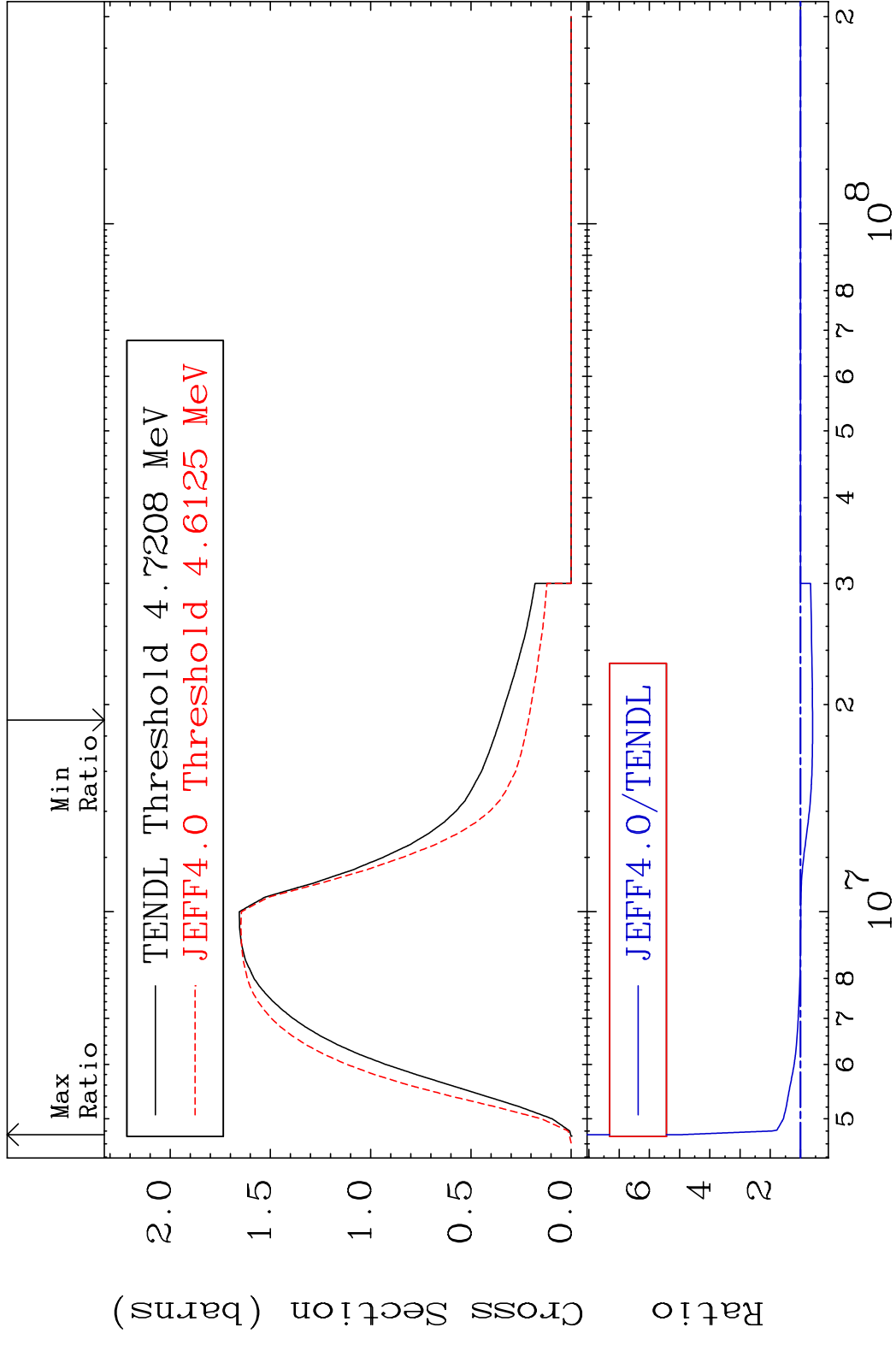


MAT 3649

(n,n') Continuum

36-Kr-86

Cross Section -39.80 To 390.8 %



45

Incident Energy (eV)

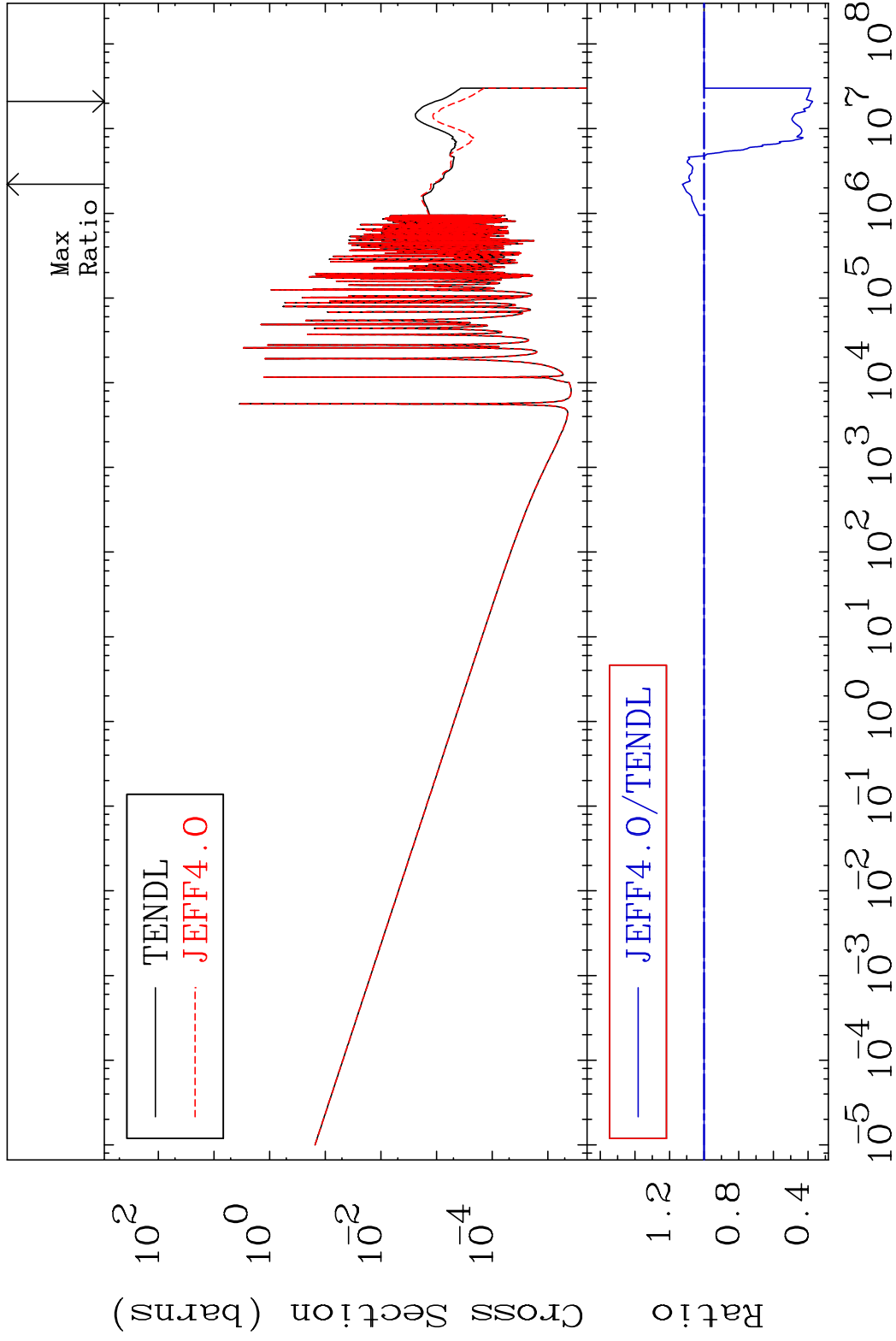
36-Kr-86

MAT 3649

(n,  $\gamma$ )

36-Kr-86

Cross Section -62.64 To 12.59 %



46

Incident Energy (eV)

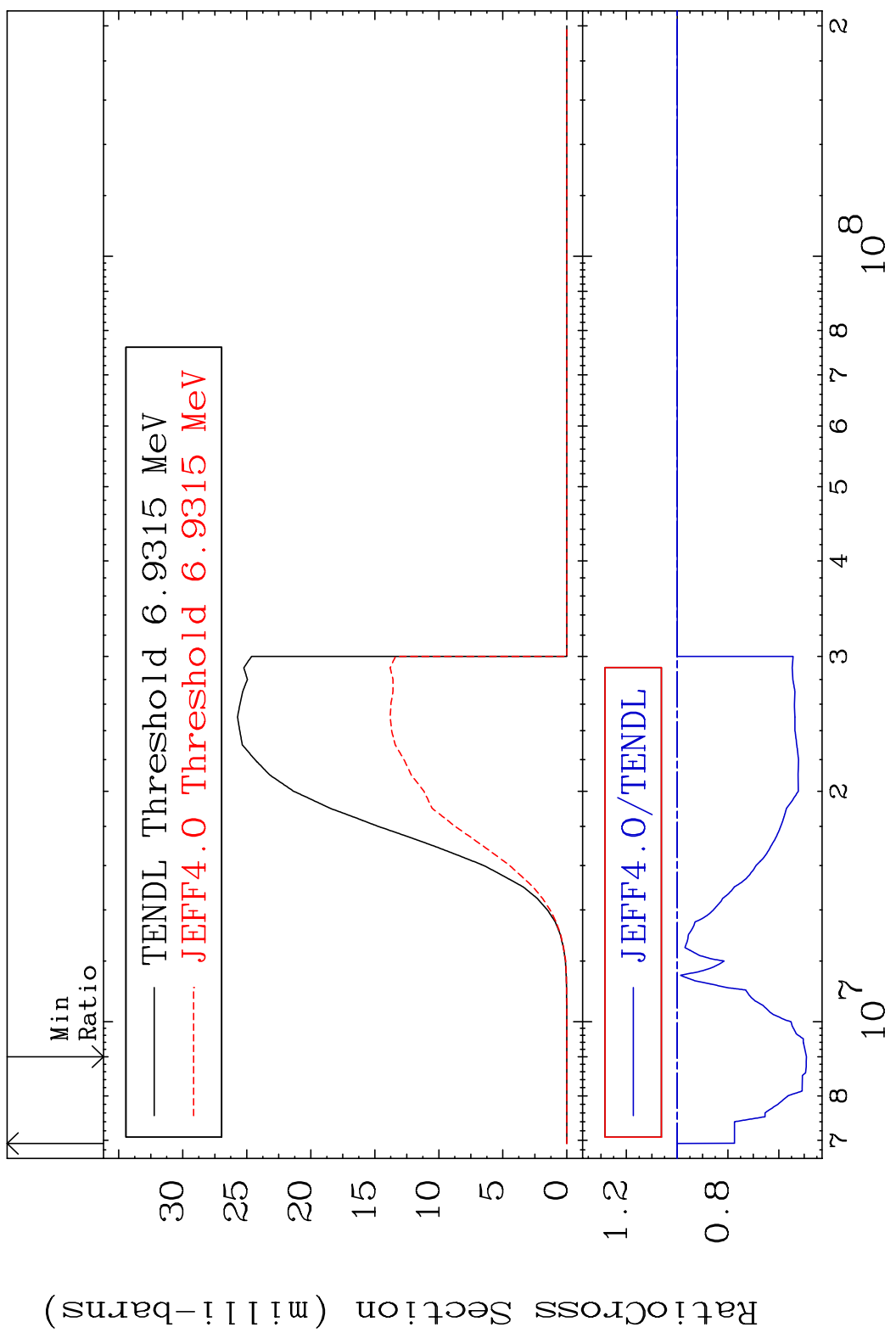
36-Kr-86

MAT 3649

(n, p)

36-Kr-86

Cross Section -50.90 To 0.000 %



47

Incident Energy (eV)

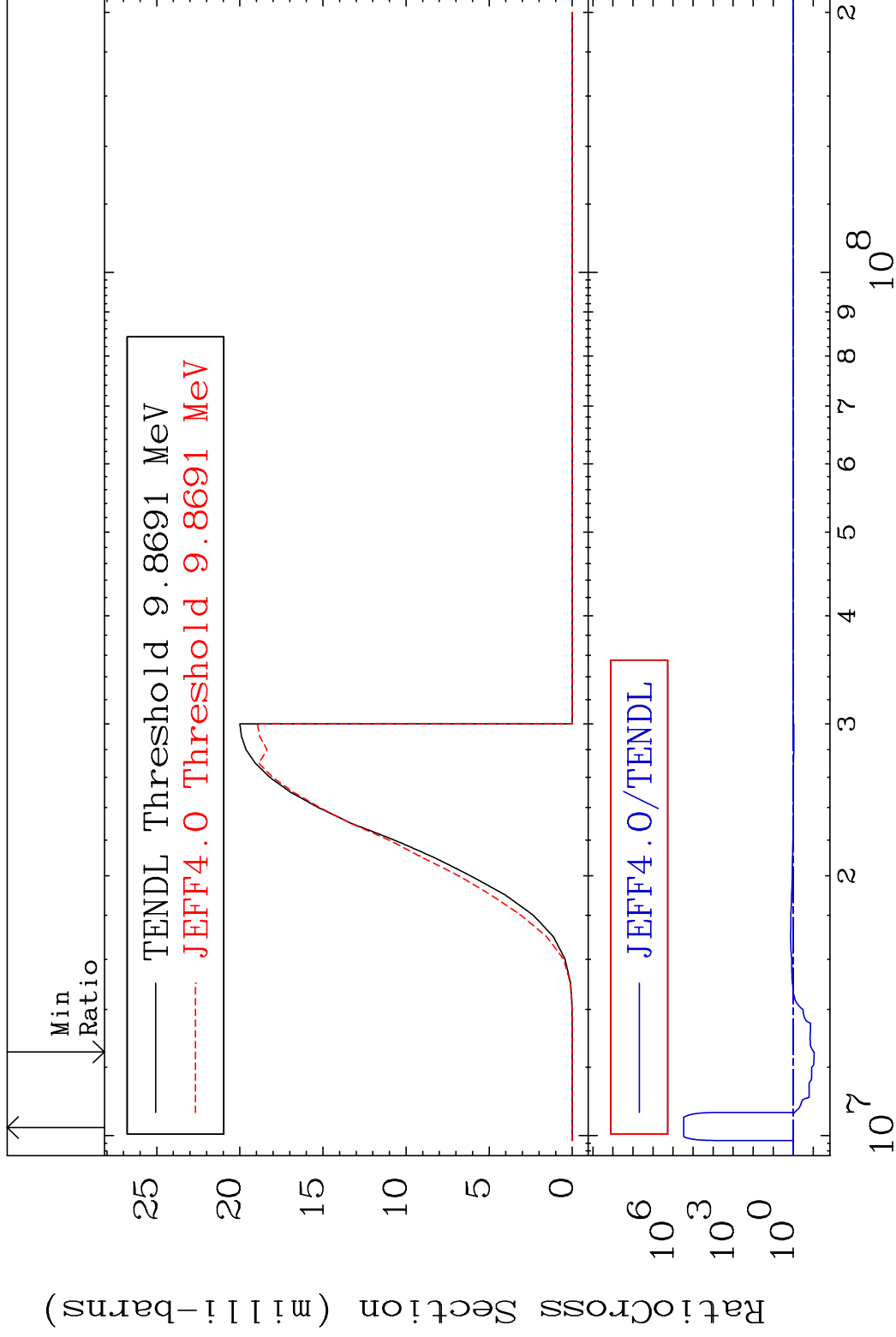
36-Kr-86

MAT 3649

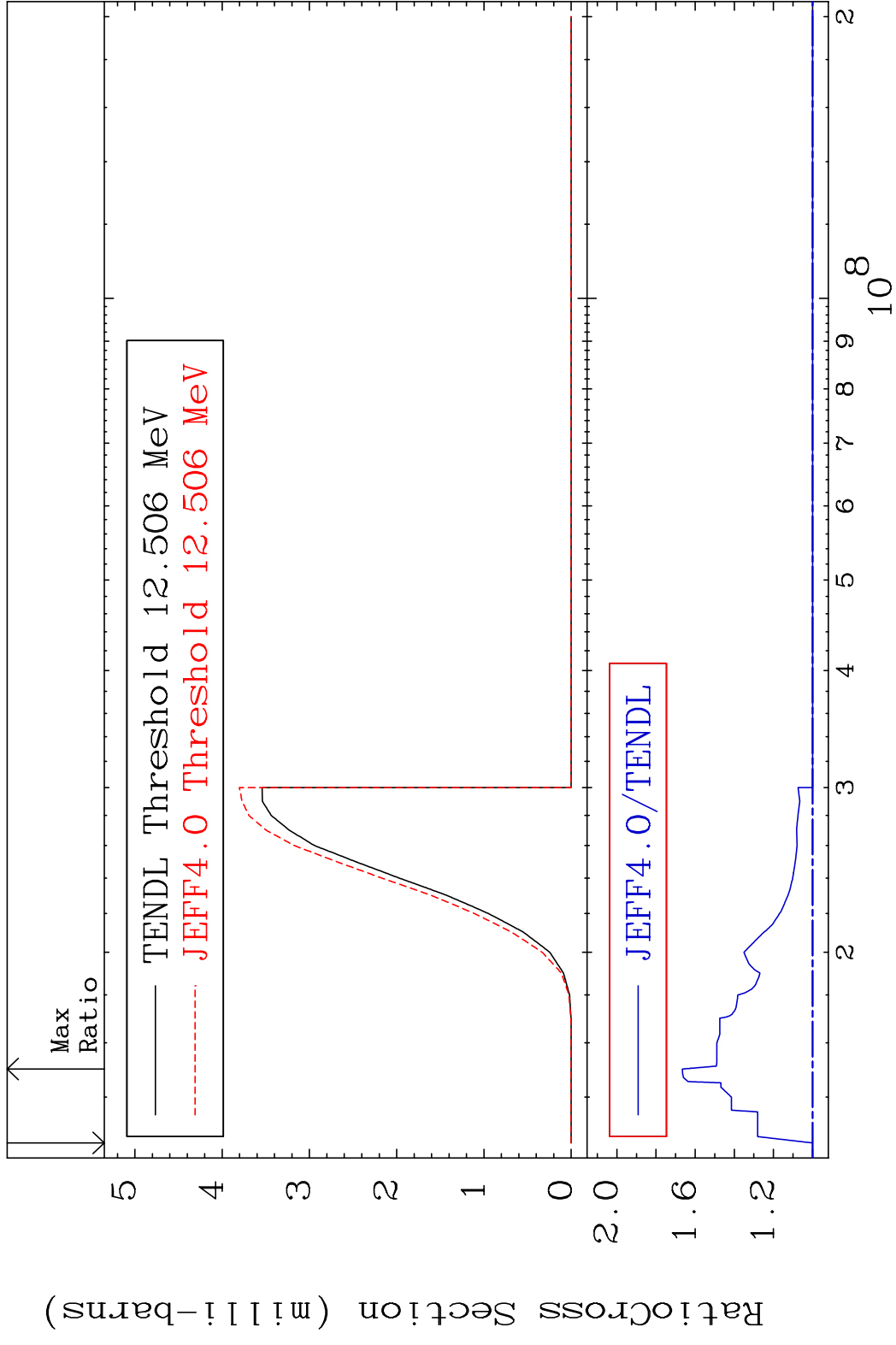
(n, d)

36-Kr-86

Cross Section -90.90 To 9999. %



MAT 3649 (n, t) 36-Kr-86  
 Cross Section 0.000 To 66.54 %

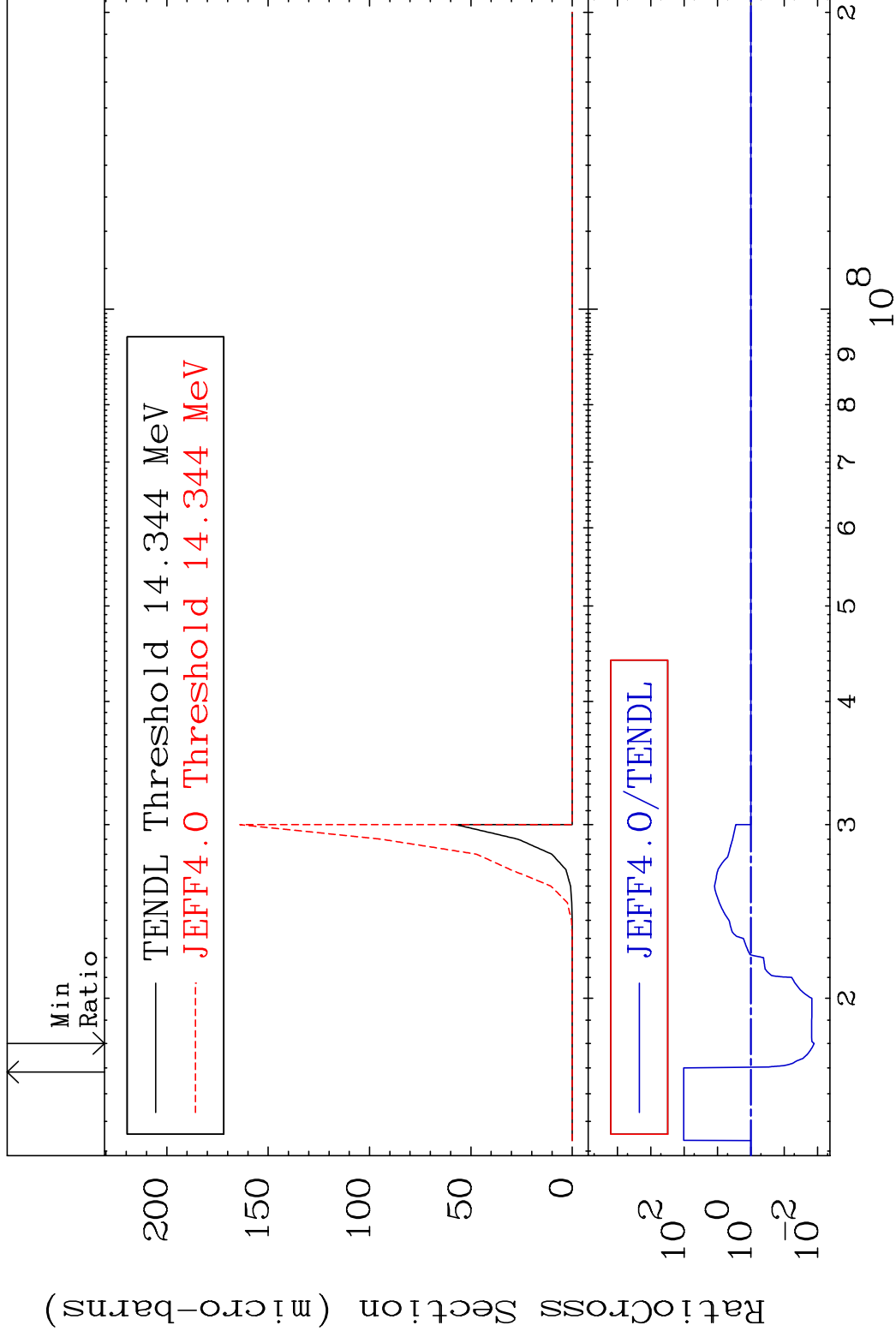


MAT 3649

(n, He-3)

36-Kr-86

Cross Section -98.72 To 9999. %

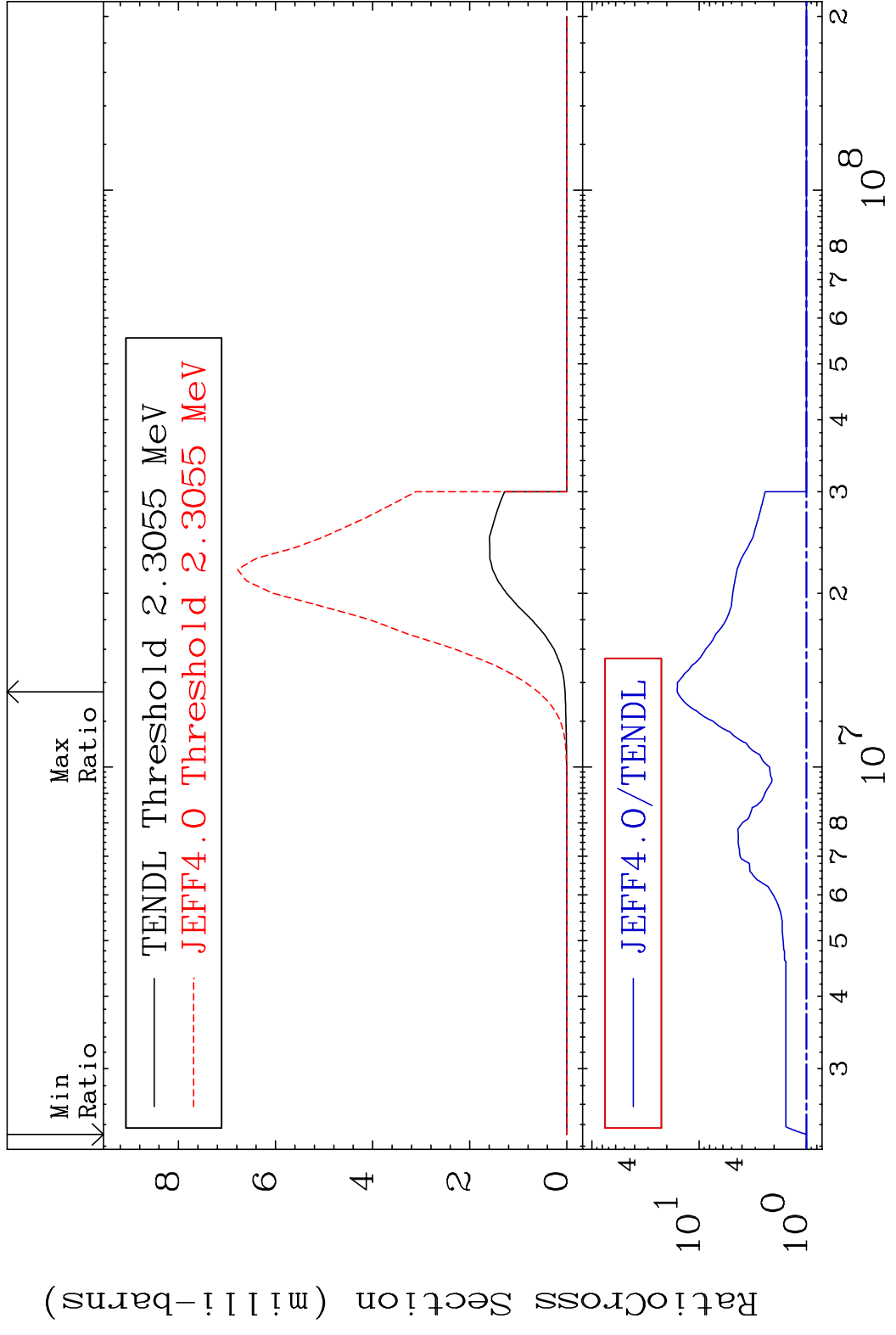


50

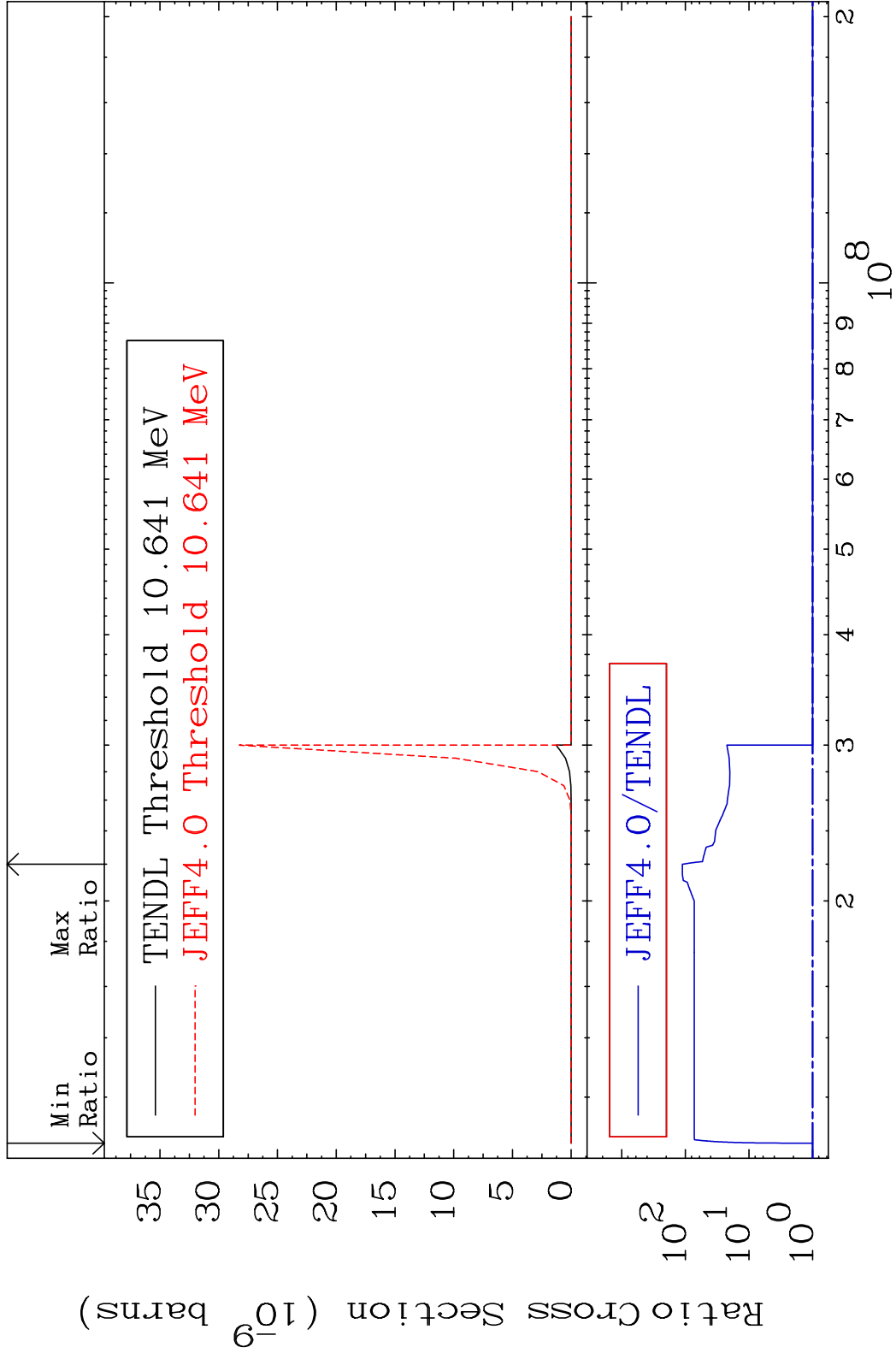
Incident Energy (eV)

36-Kr-86

MAT 3649  $(n, \alpha)$  36-Kr-86  
 Cross Section 0.000 To 1504. %



MAT 3649 (n,2α) 36-Kr-86  
 Cross Section 0.000 To 9999. %

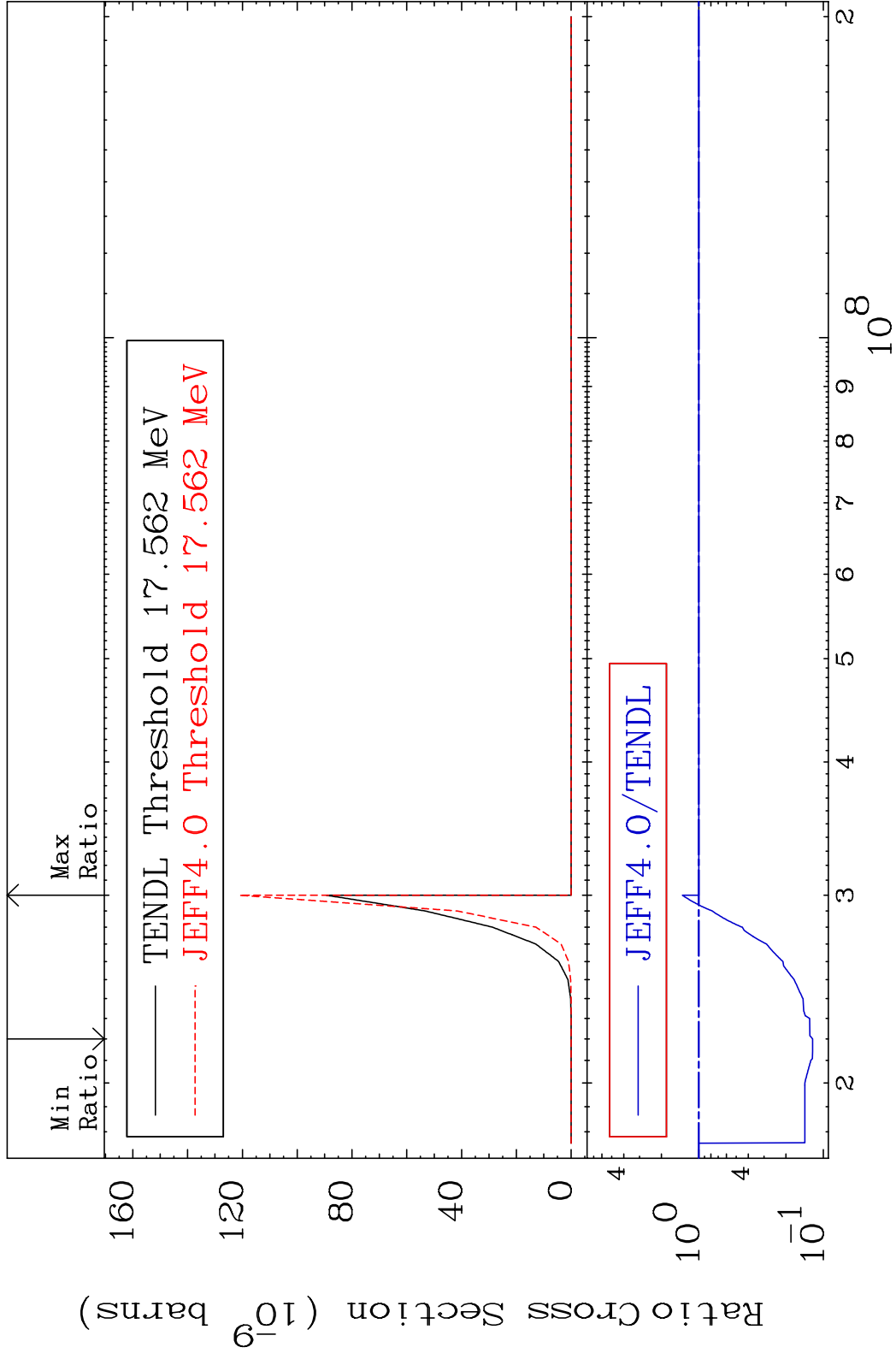


MAT 3649

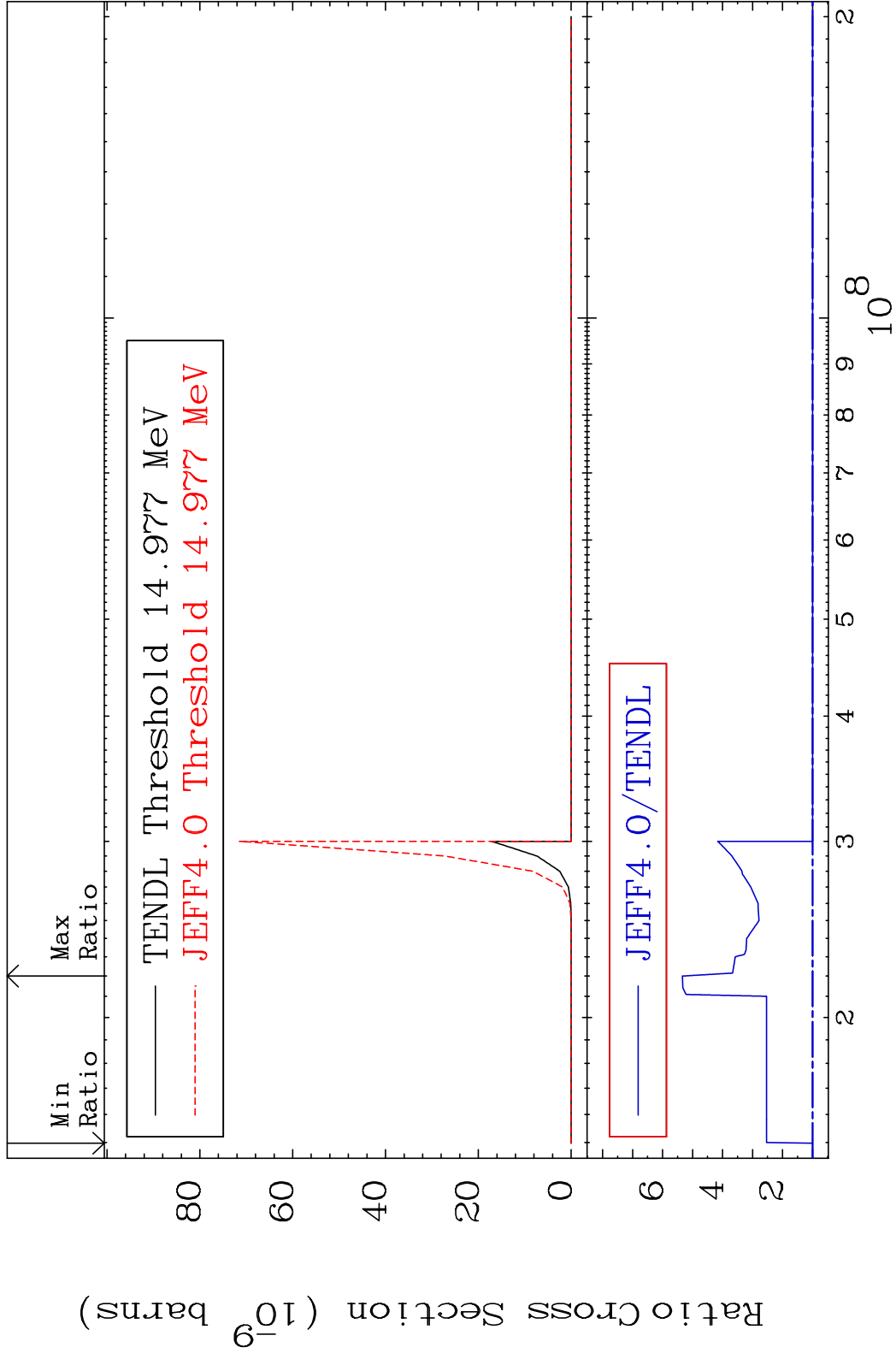
(n,2p)

36-Kr-86

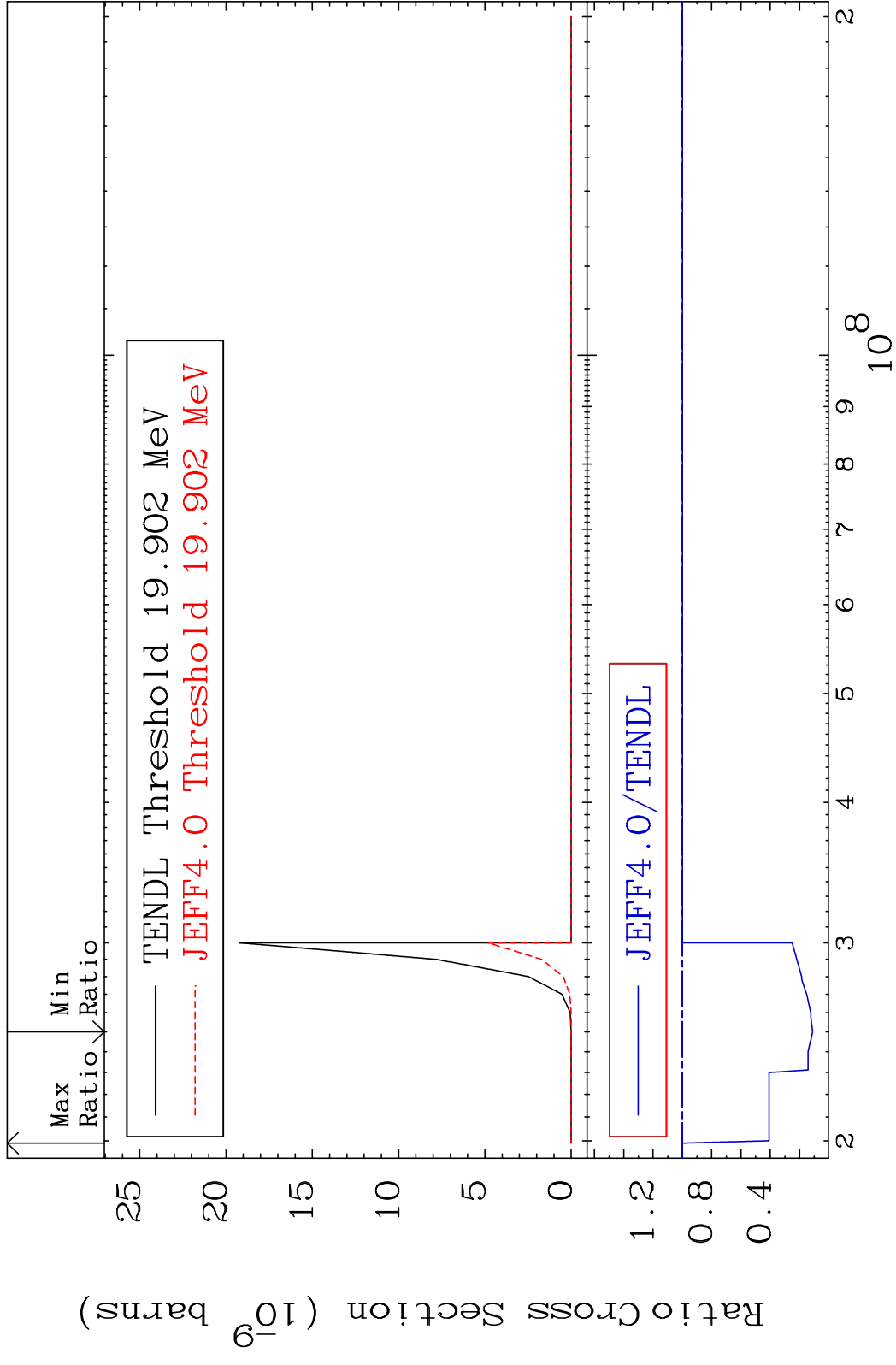
Cross Section -87.79 To 35.61 %



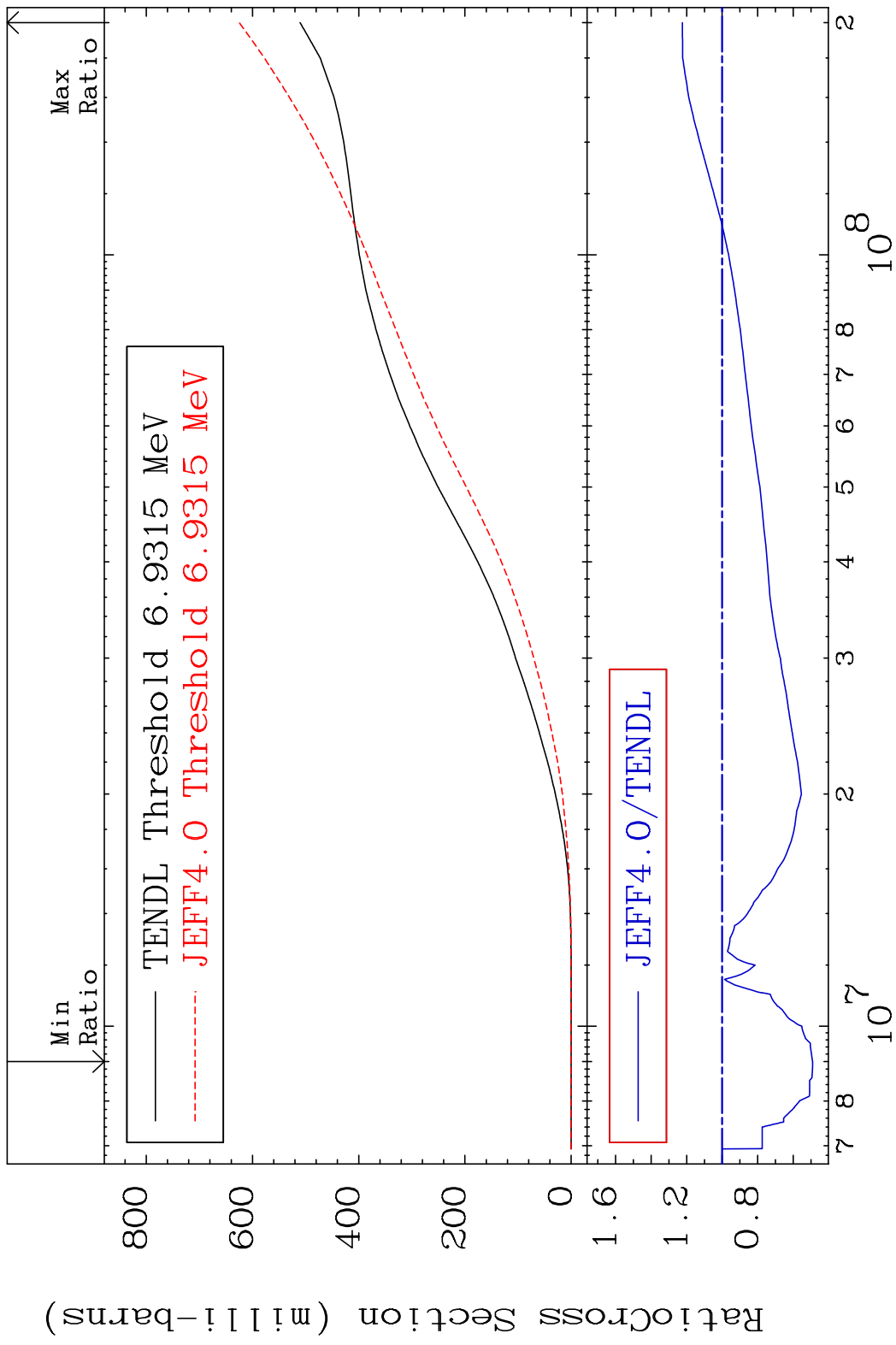
MAT 3649 (n,p)  $\alpha$  36-Kr-86  
 Cross Section 0.000 To 434.1 %



MAT 3649 (n,p) d 36-Kr-86  
 Cross Section -88.85 To 0.000 %



MAT 3649 Hydrogen Production 36-Kr-86  
 Cross Section -50.90 To 22.41 %



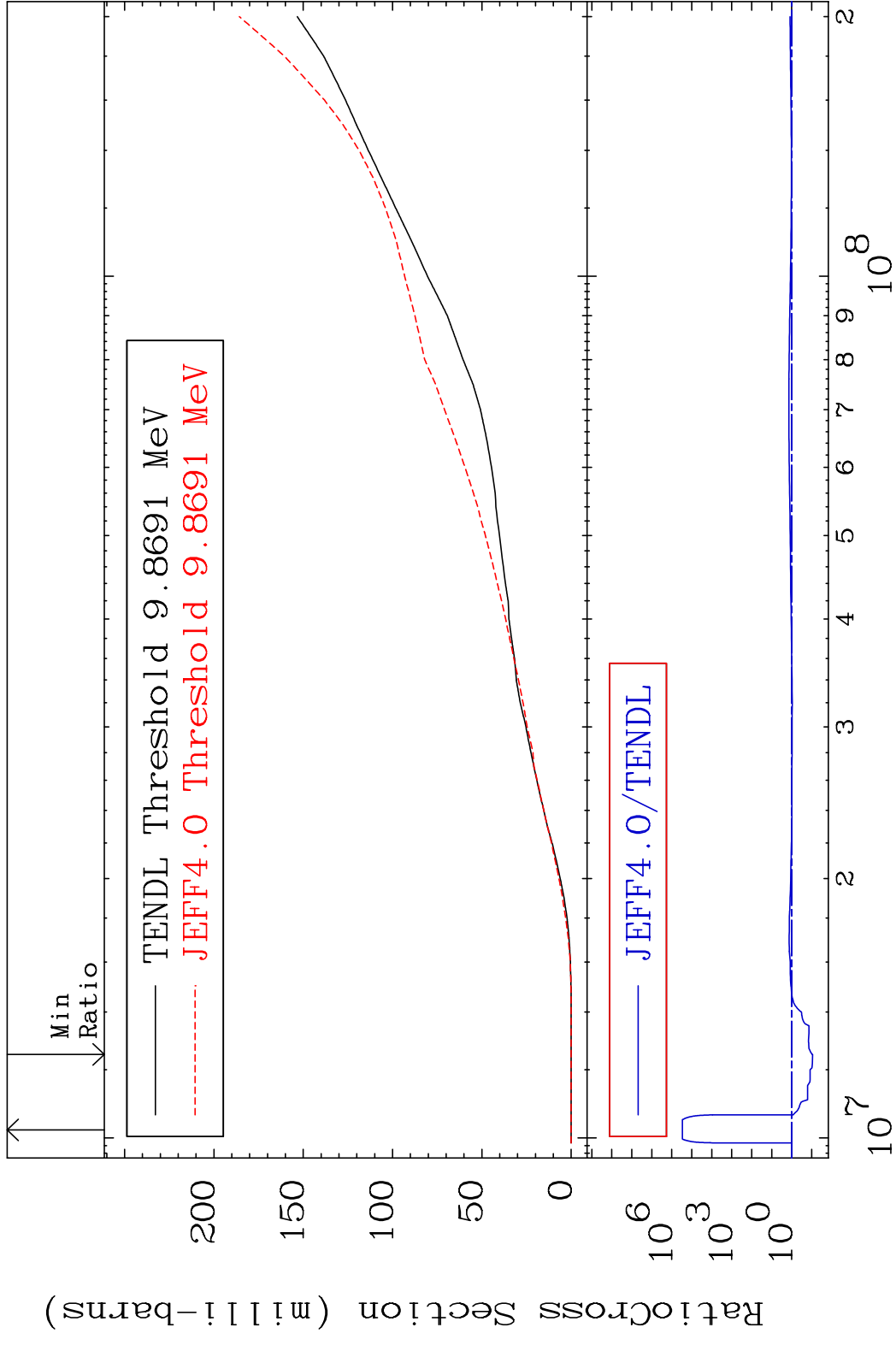
56 Incident Energy (eV) 36-Kr-86

MAT 3649

Deuterium Production

36-Kr-86

Cross Section -90.90 To 9999. %



57

Incident Energy (eV)

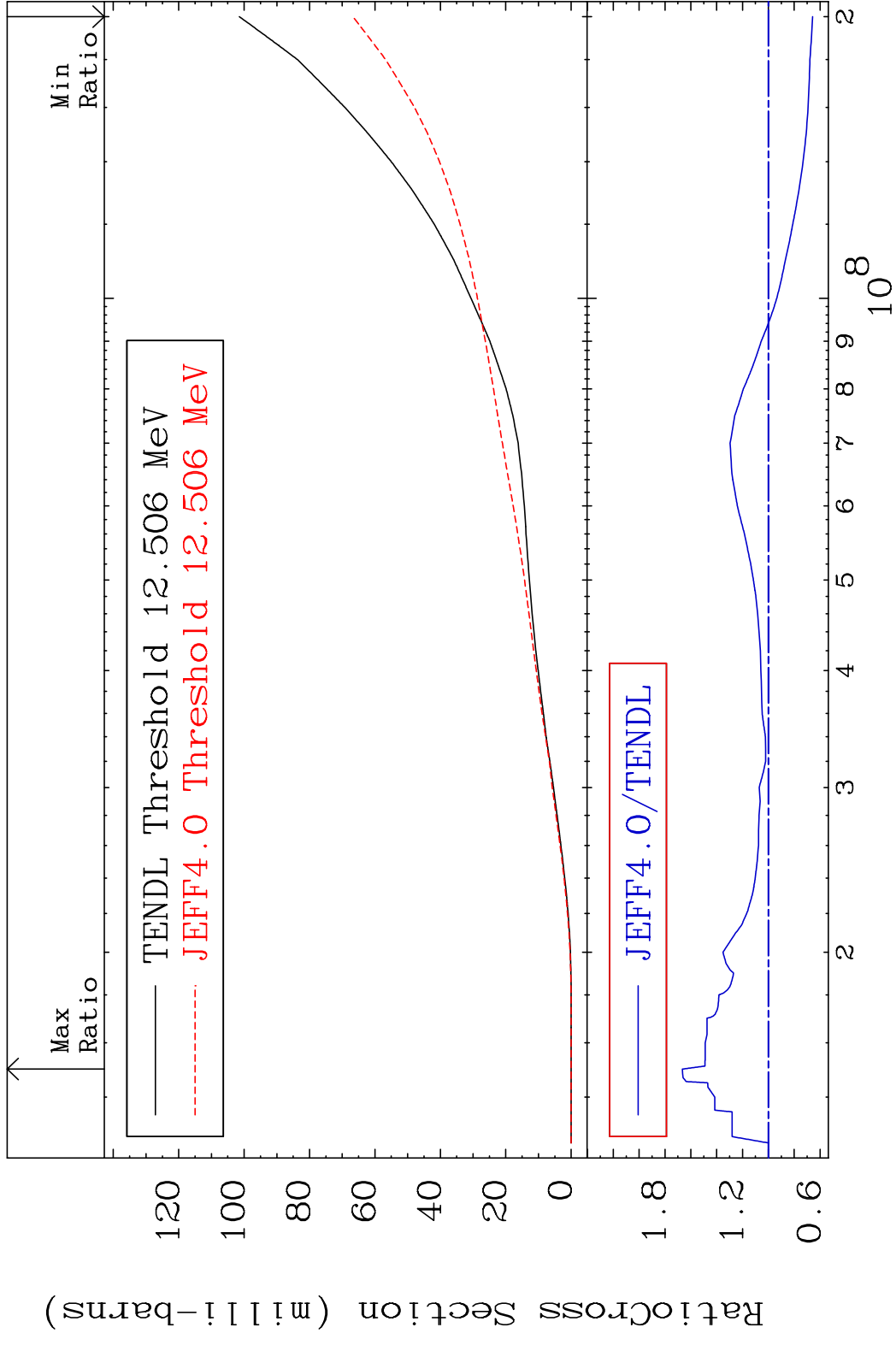
36-Kr-86

MAT 3649

Tritium Production

36-Kr-86

Cross Section -34.22 To 66.54 %

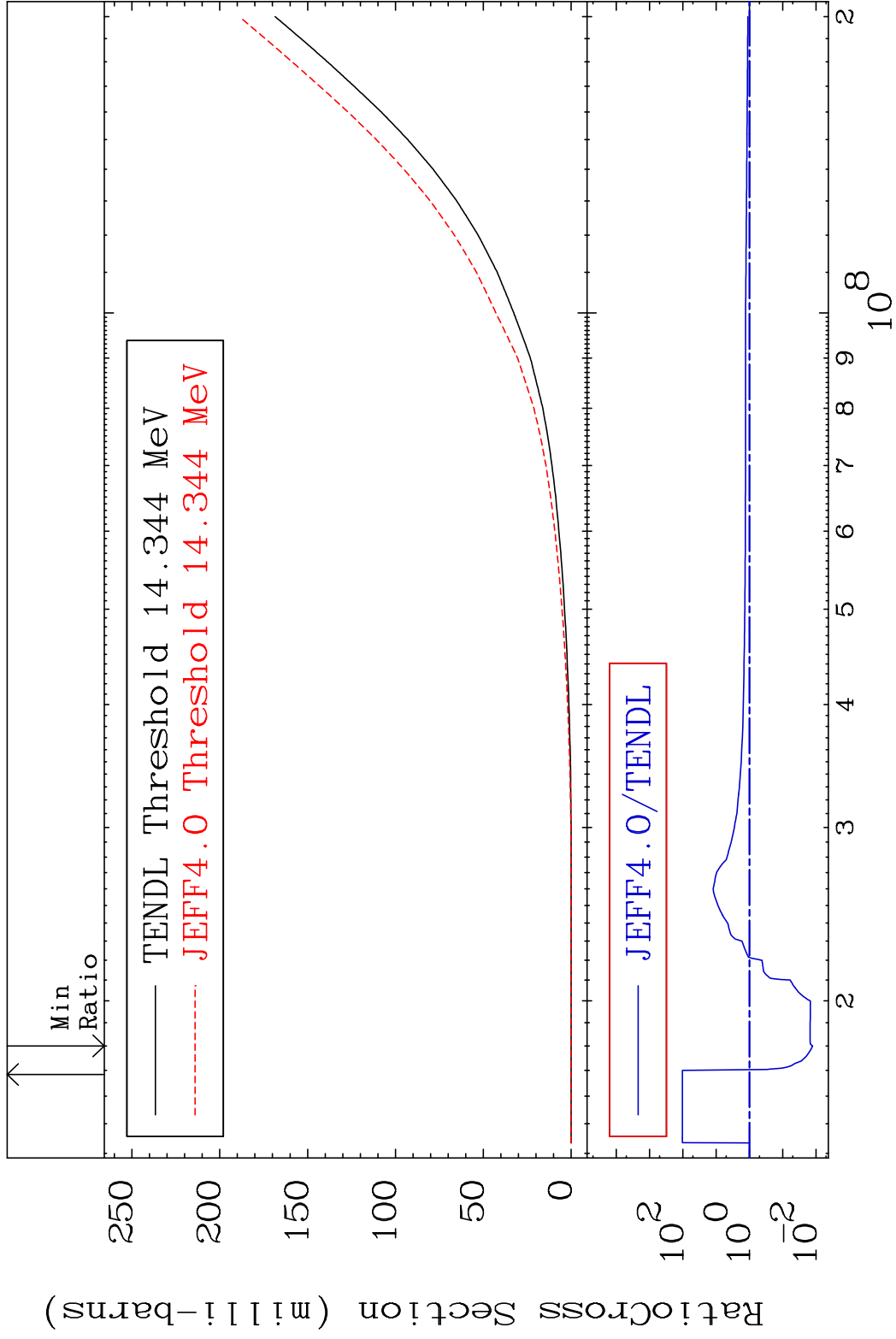


MAT 3649

He-3 Production

36-Kr-86

Cross Section -98.72 To 9999. %



59

Incident Energy (eV)

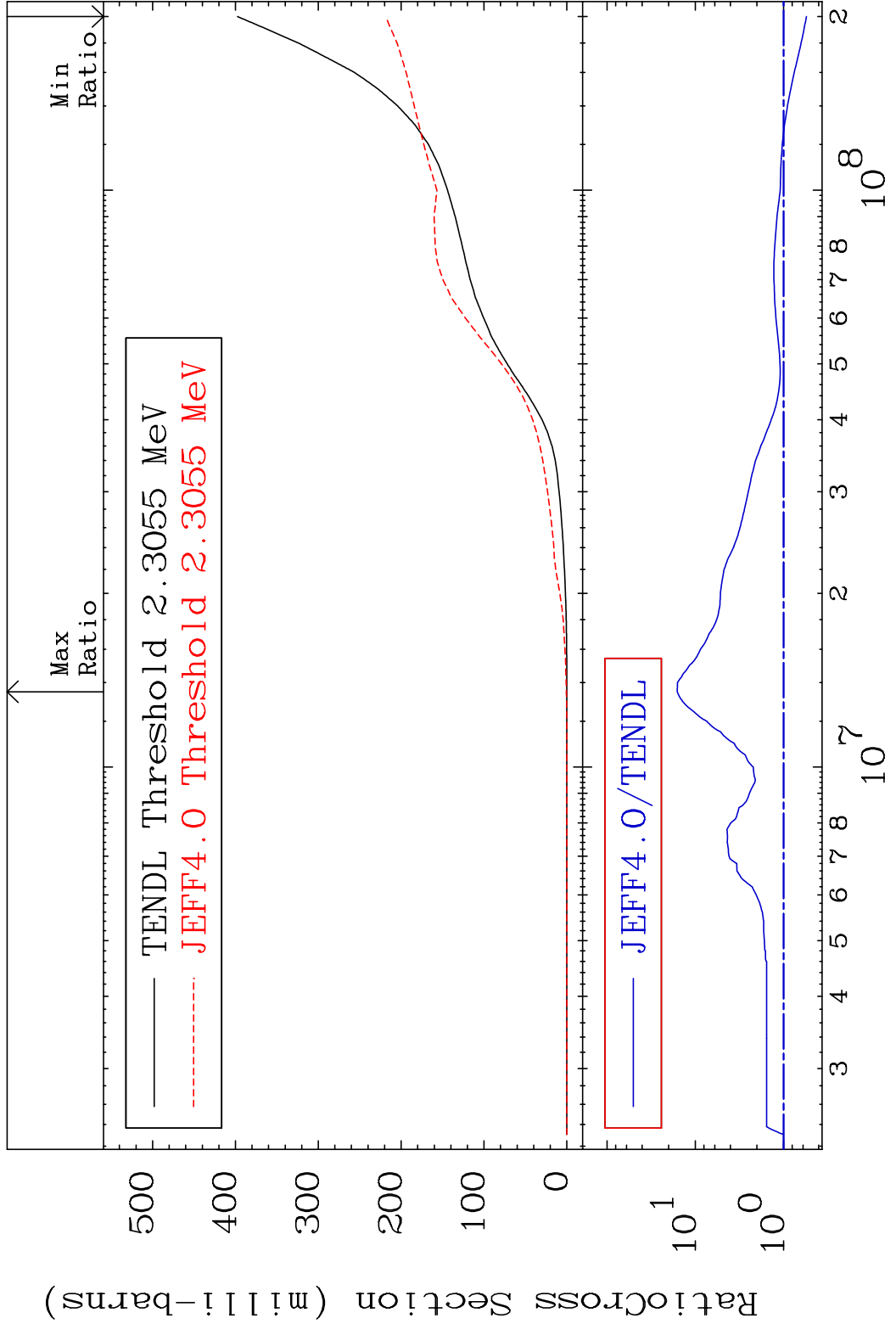
36-Kr-86

MAT 3649

He-4 Production

36-Kr-86

Cross Section -44.94 To 1504. %

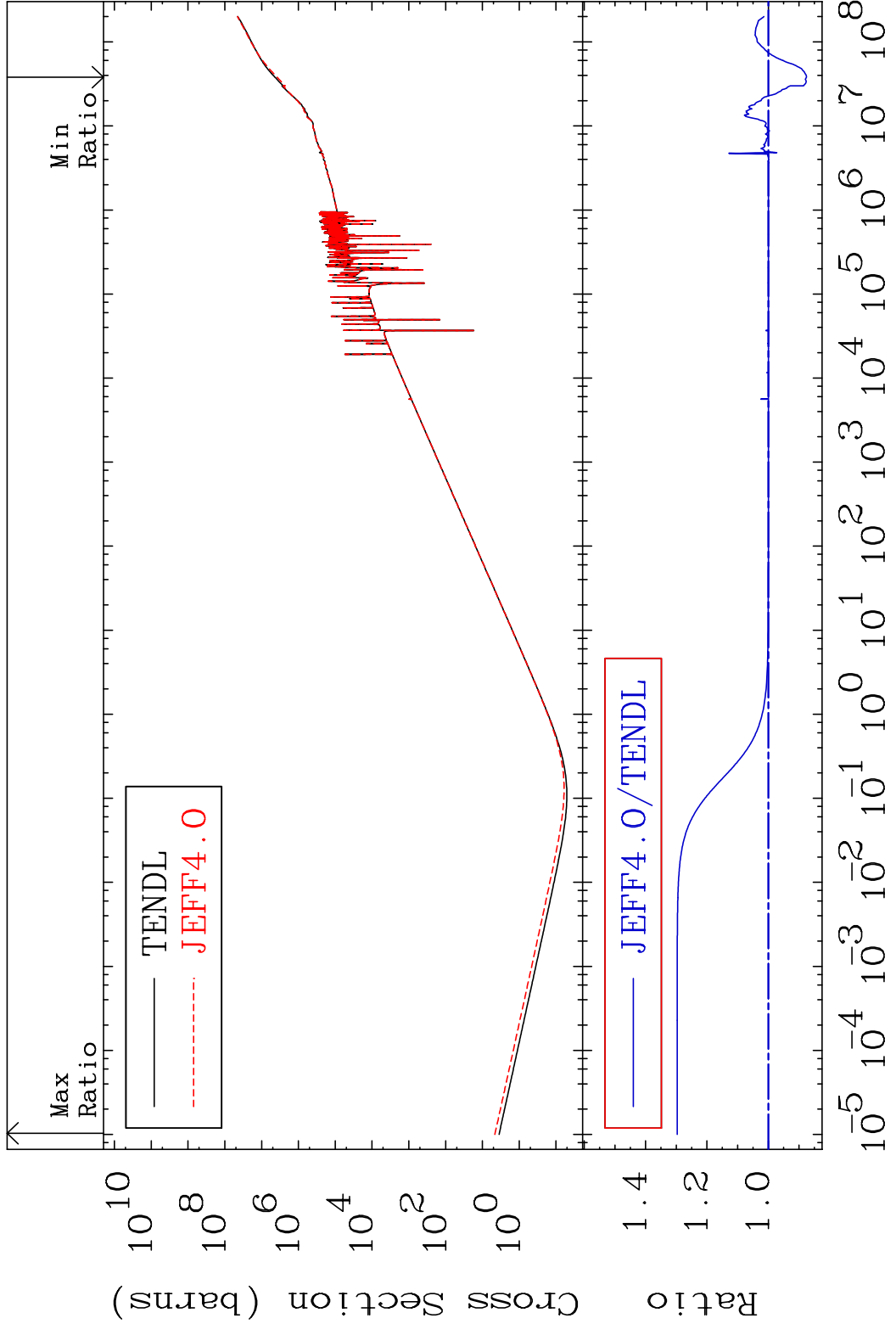


60

Incident Energy (eV)

36-Kr-86

MAT 3649 Kerma total (eV-barns) 36-Kr-86  
 Cross Section -12.41 To 29.71 %

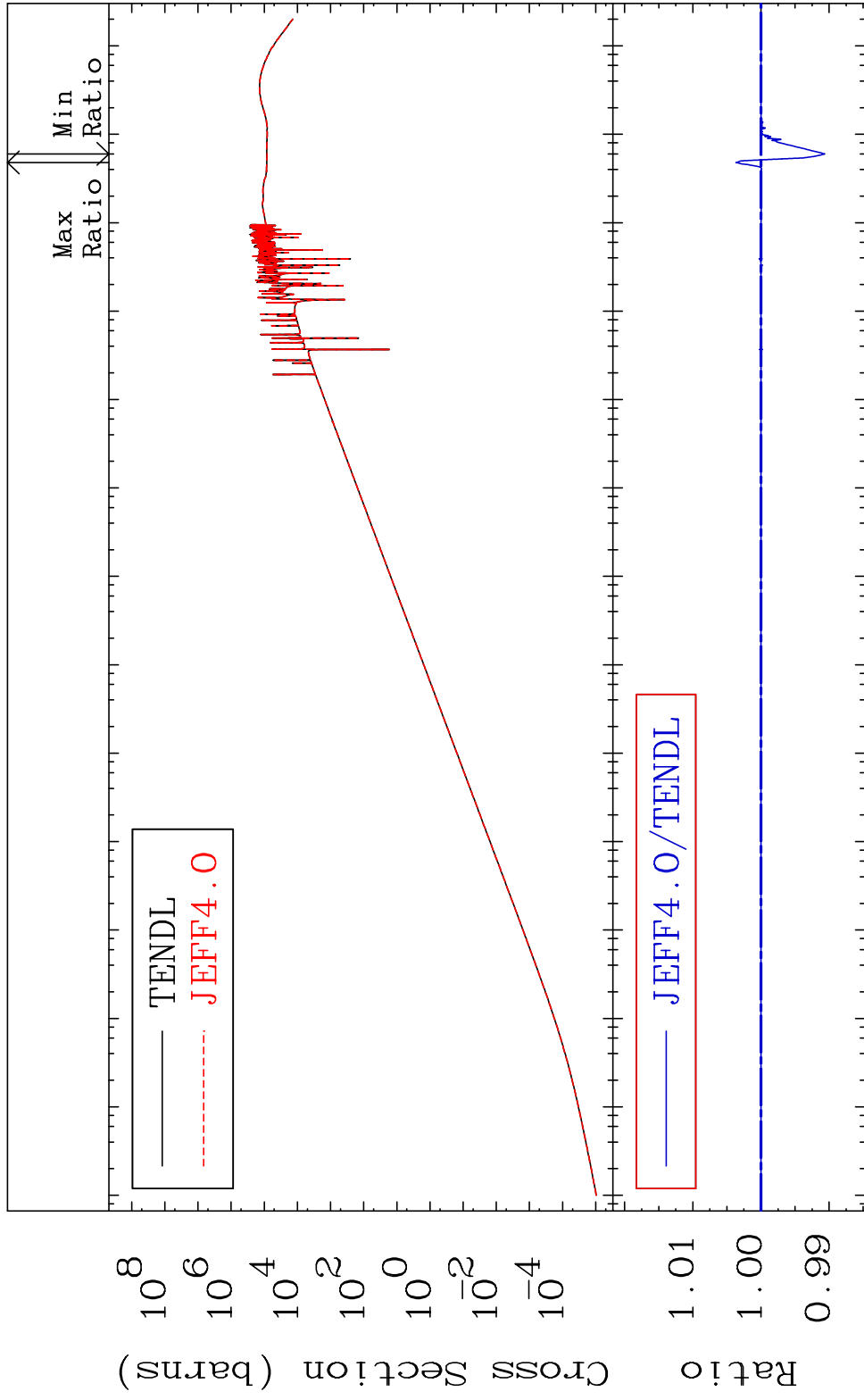


MAT 3649

Kerma elastic

36-Kr-86

Cross Section -0.935 To 0.367 %

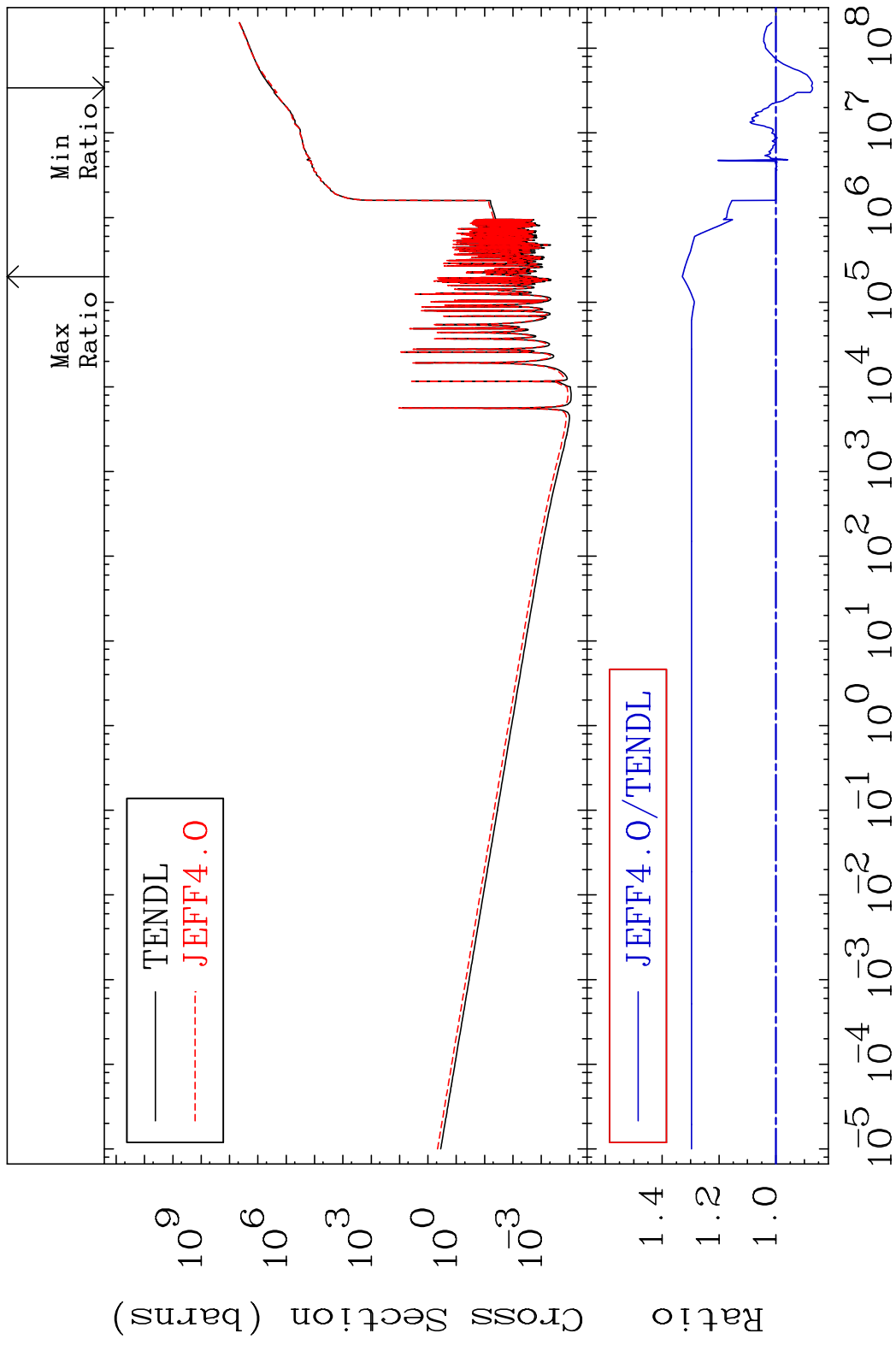


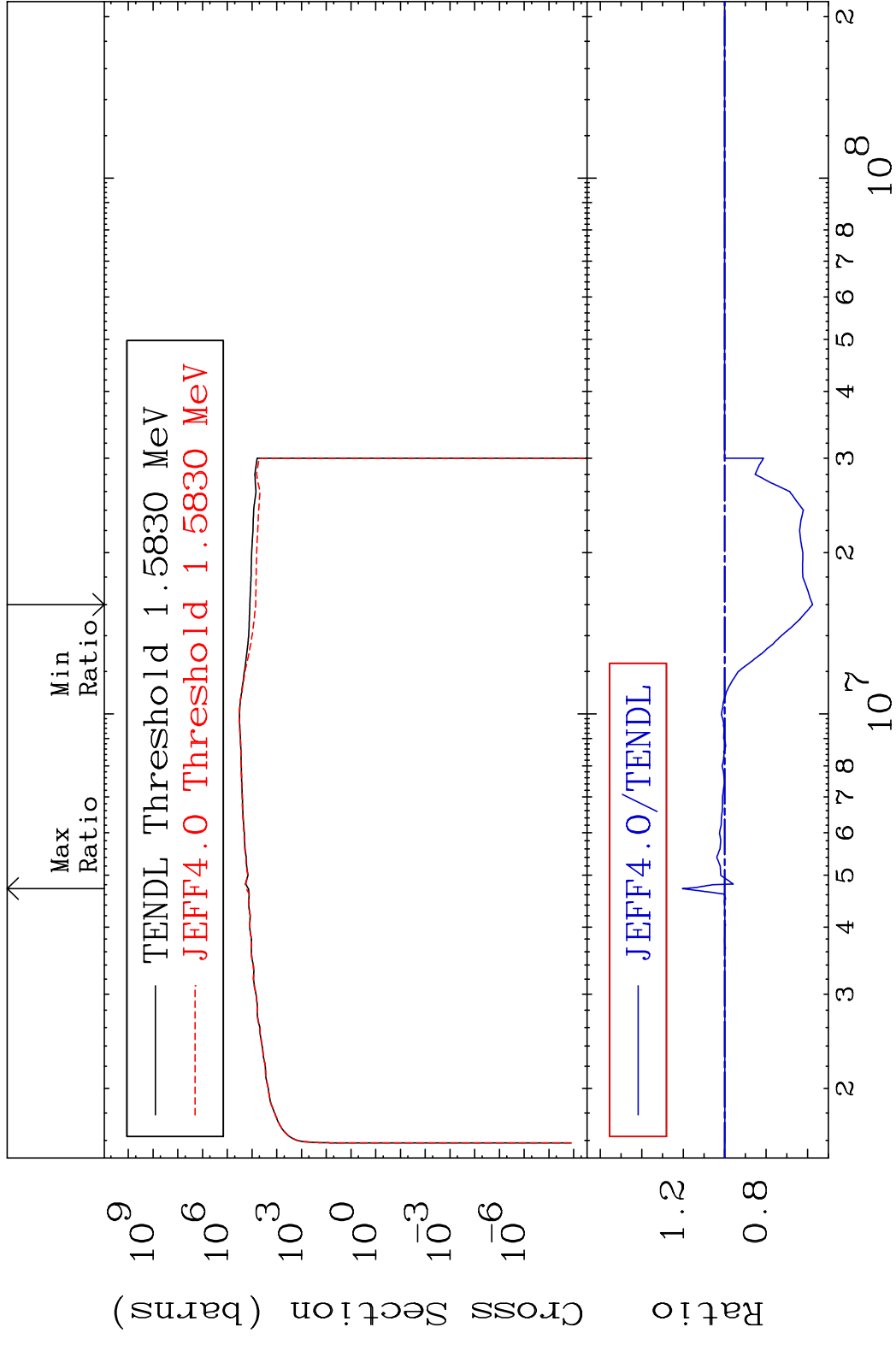
62

Incident Energy (eV)

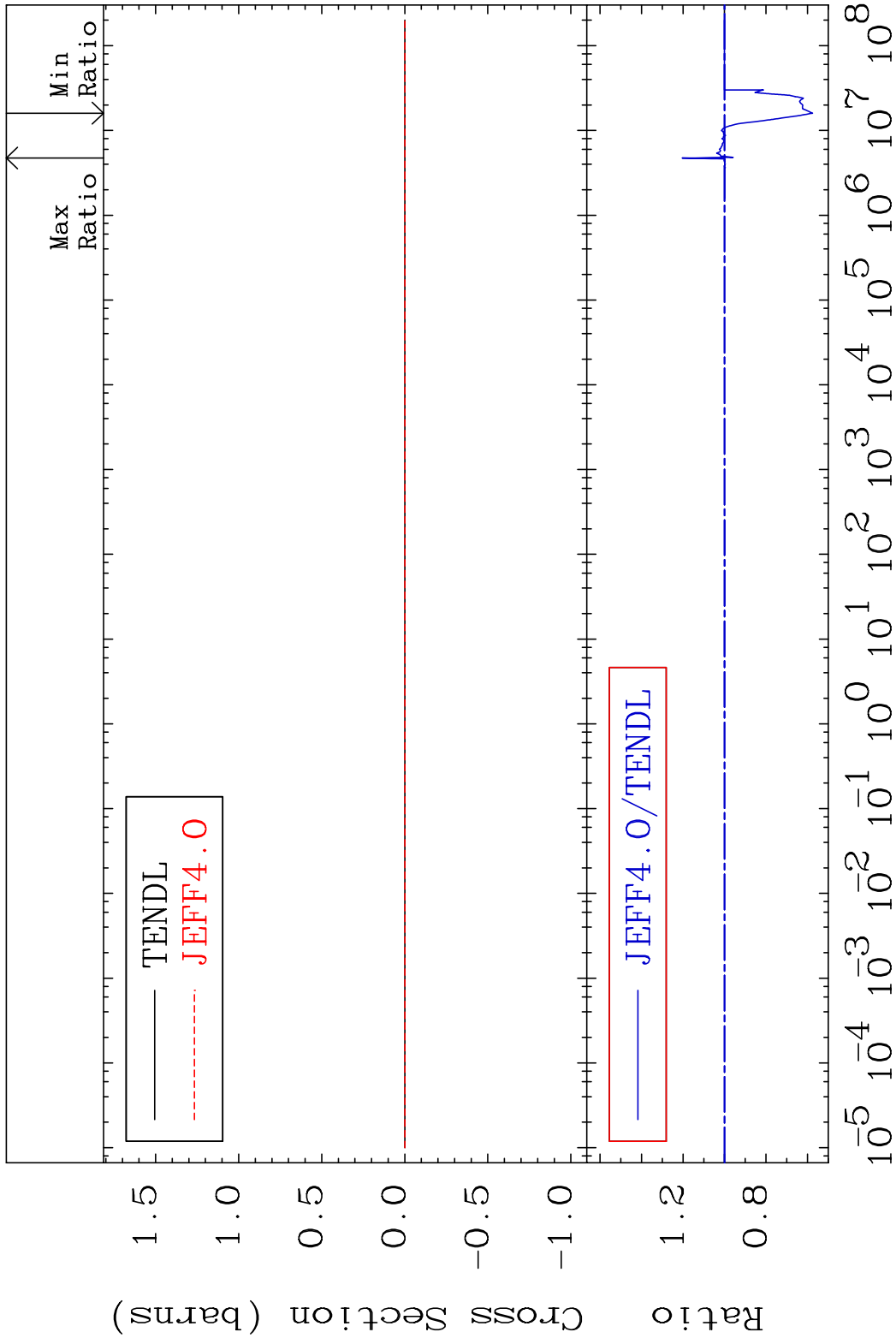
36-Kr-86

MAT 3649 Kerma non-elastic (all but mt2) 36-Kr-86  
 Cross Section -12.87 To 32.90 %



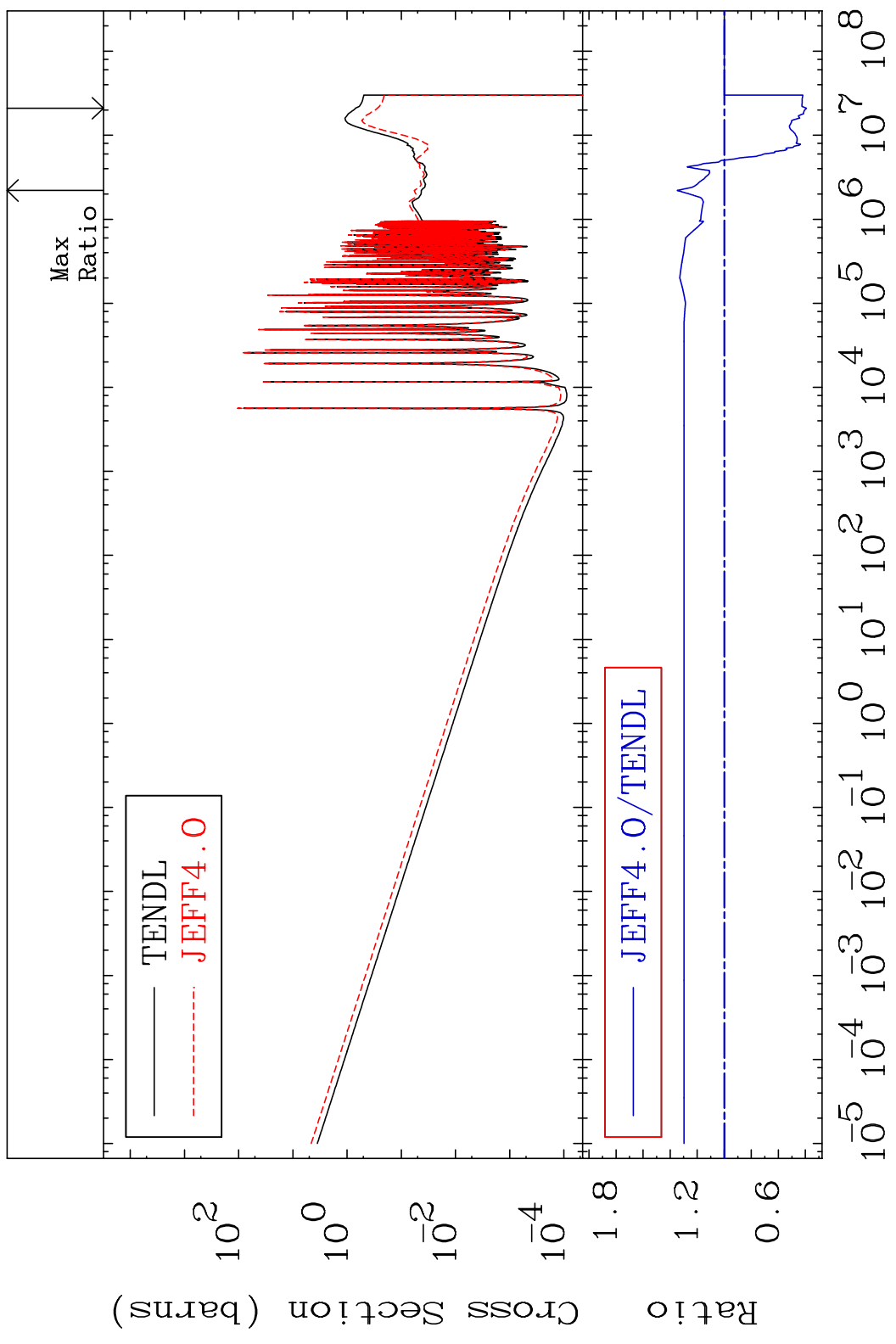


MAT 3649 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-86  
 Cross Section -42.35 To 20.41 %



MAT 3649

Kerma capture (mt102) 36-Kr-86  
Cross Section -60.73 To 34.79 %

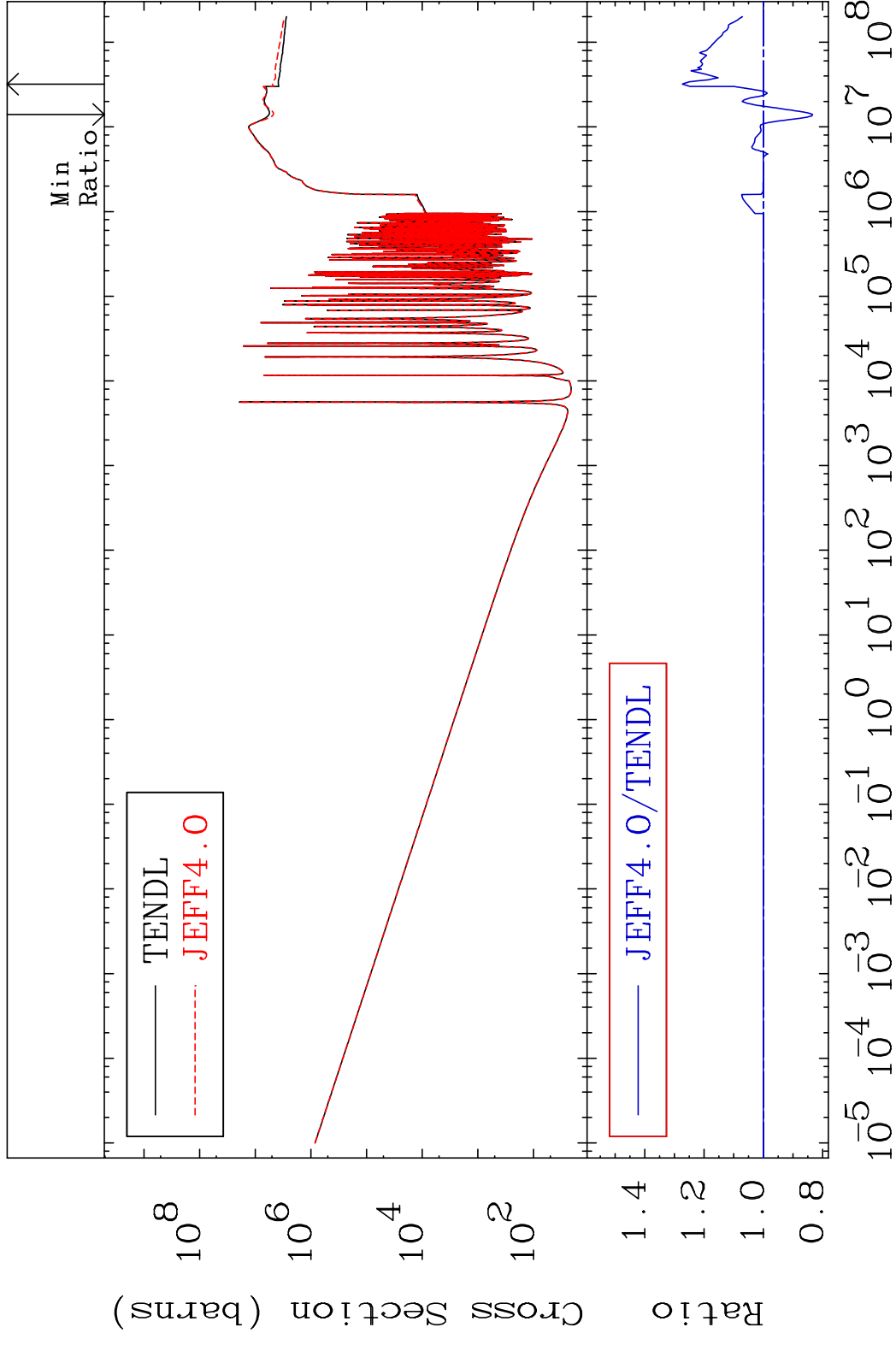


66

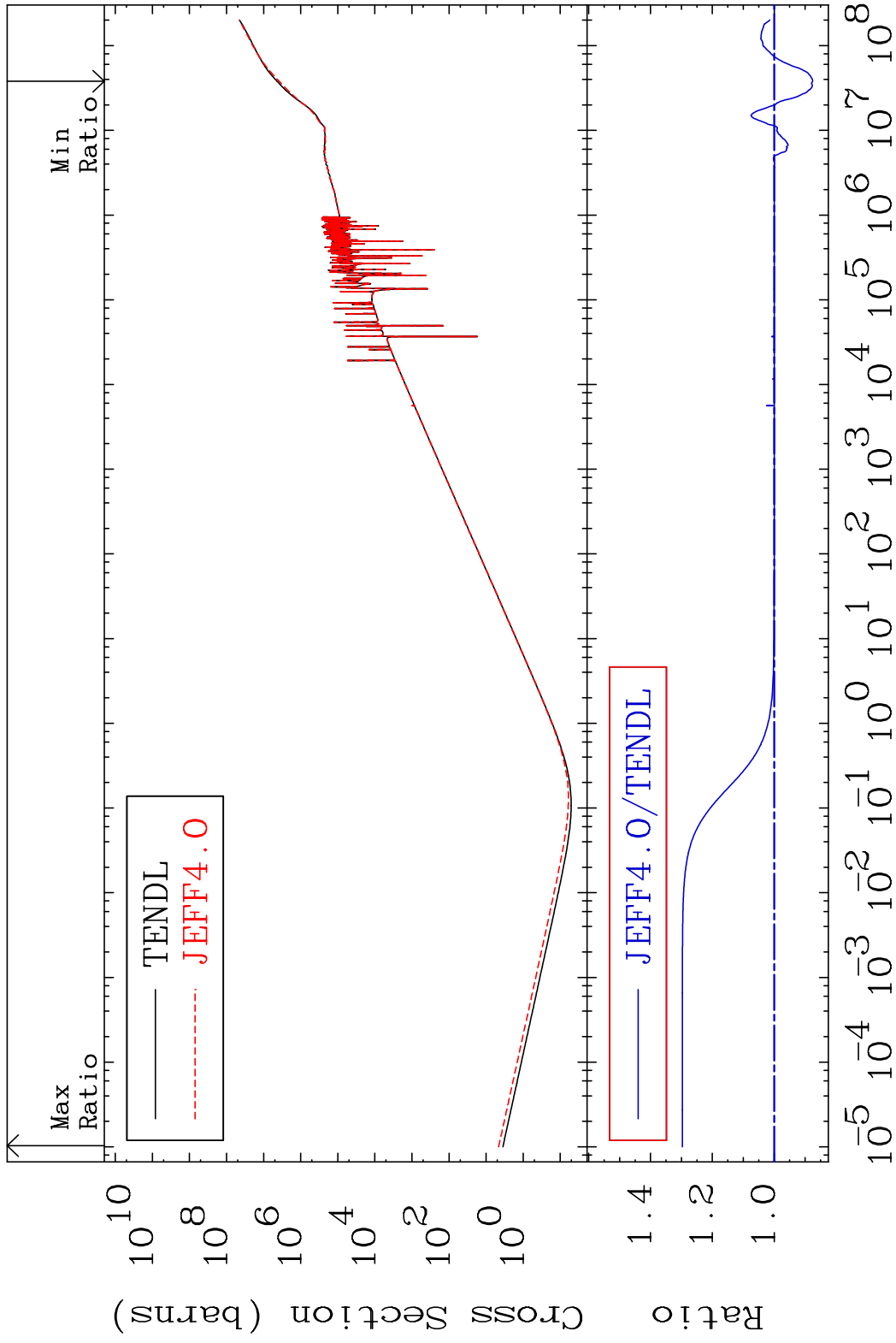
Incident Energy (eV)

36-Kr-86

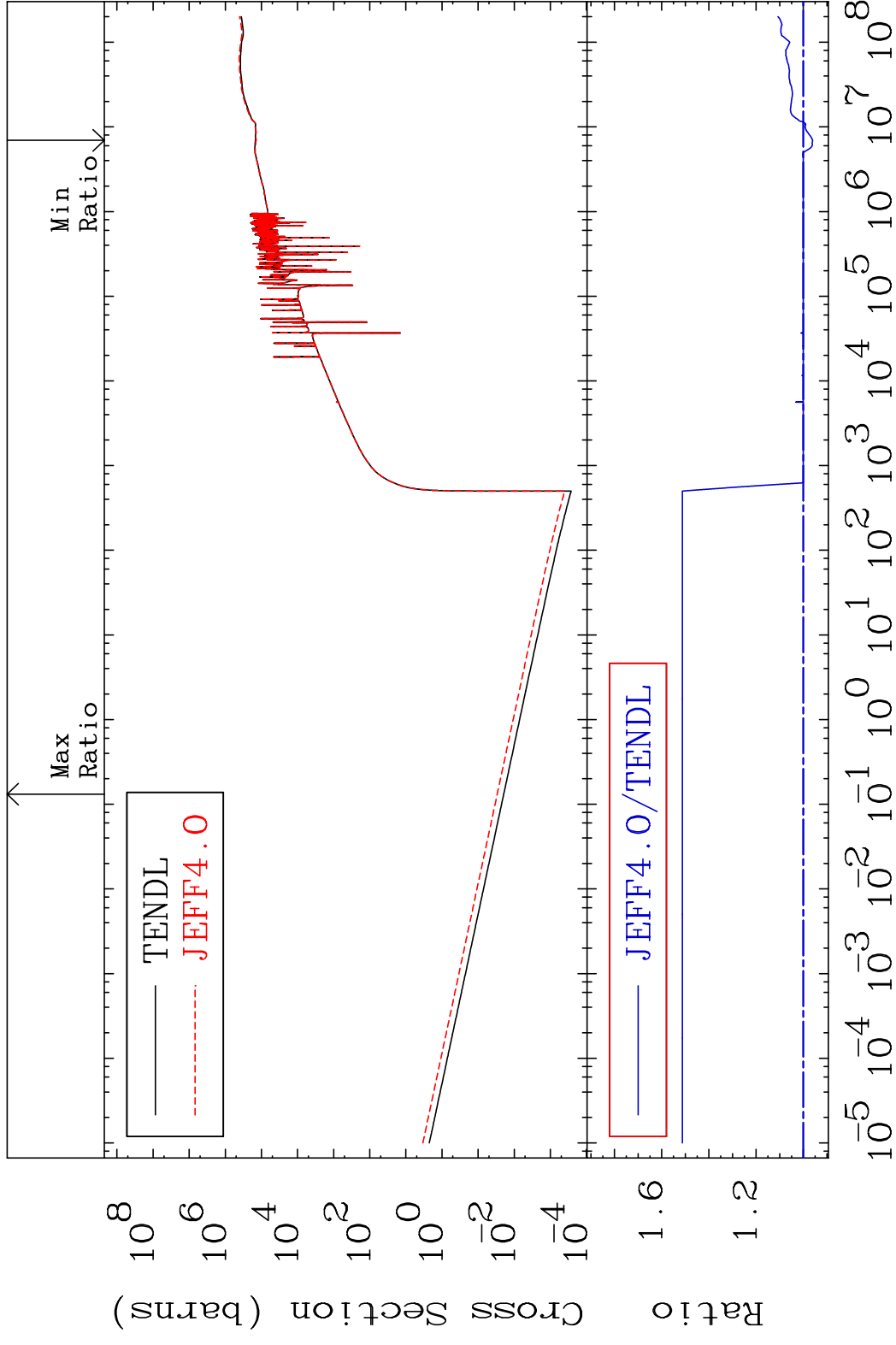
MAT 3649 Total photon (eV-barns) 36-Kr-86  
 Cross Section -16.58 To 27.34 %



MAT 3649 Total kinematic kerma (high limit) 36-Kr-86  
 Cross Section -12.41 To 29.71 %



MAT 3649      Dpa total (eV-barns)      36-Kr-86  
 Cross Section      -3.912 To 51.26 %

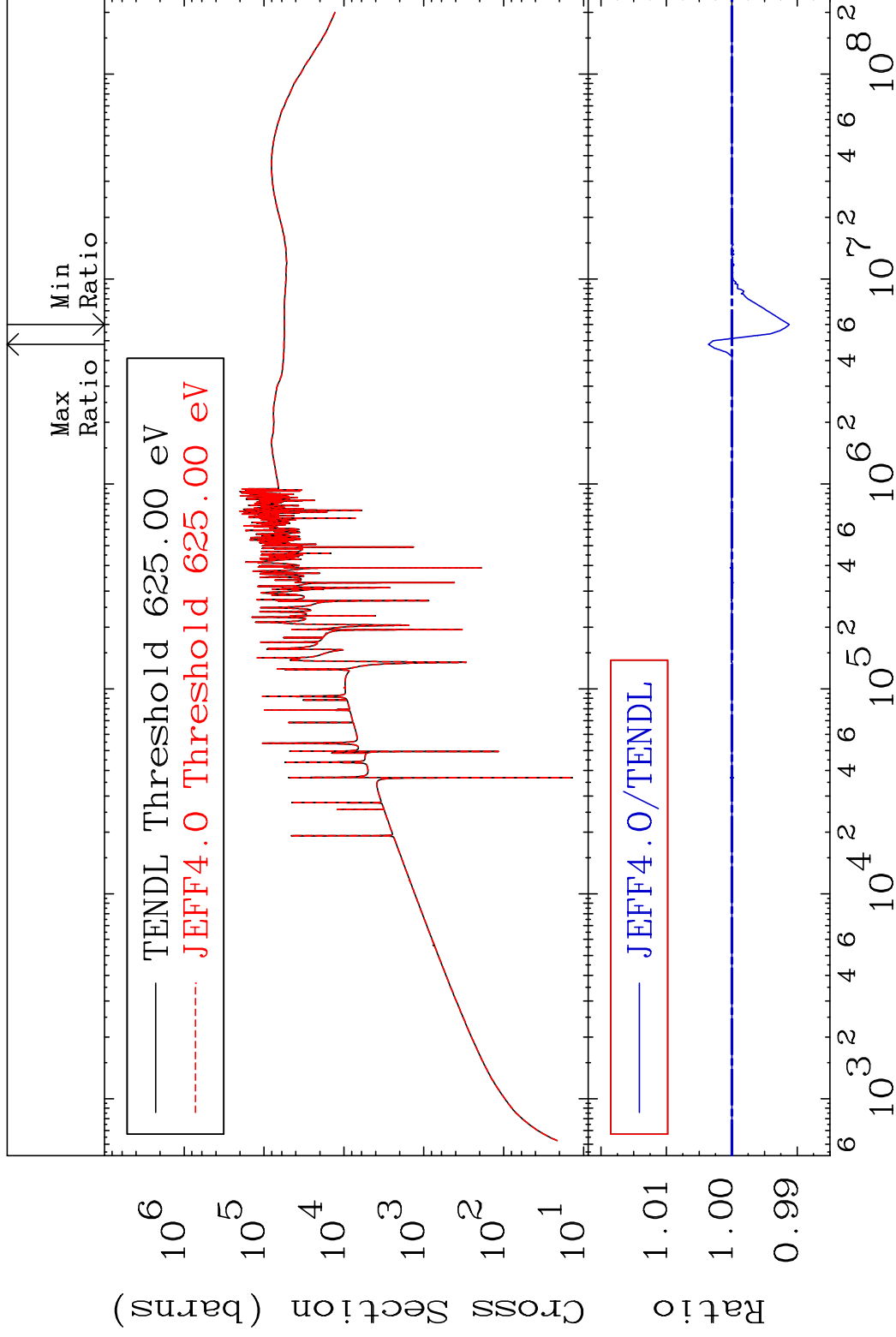


MAT 3649

Dpa elastic (mt2)

36-Kr-86

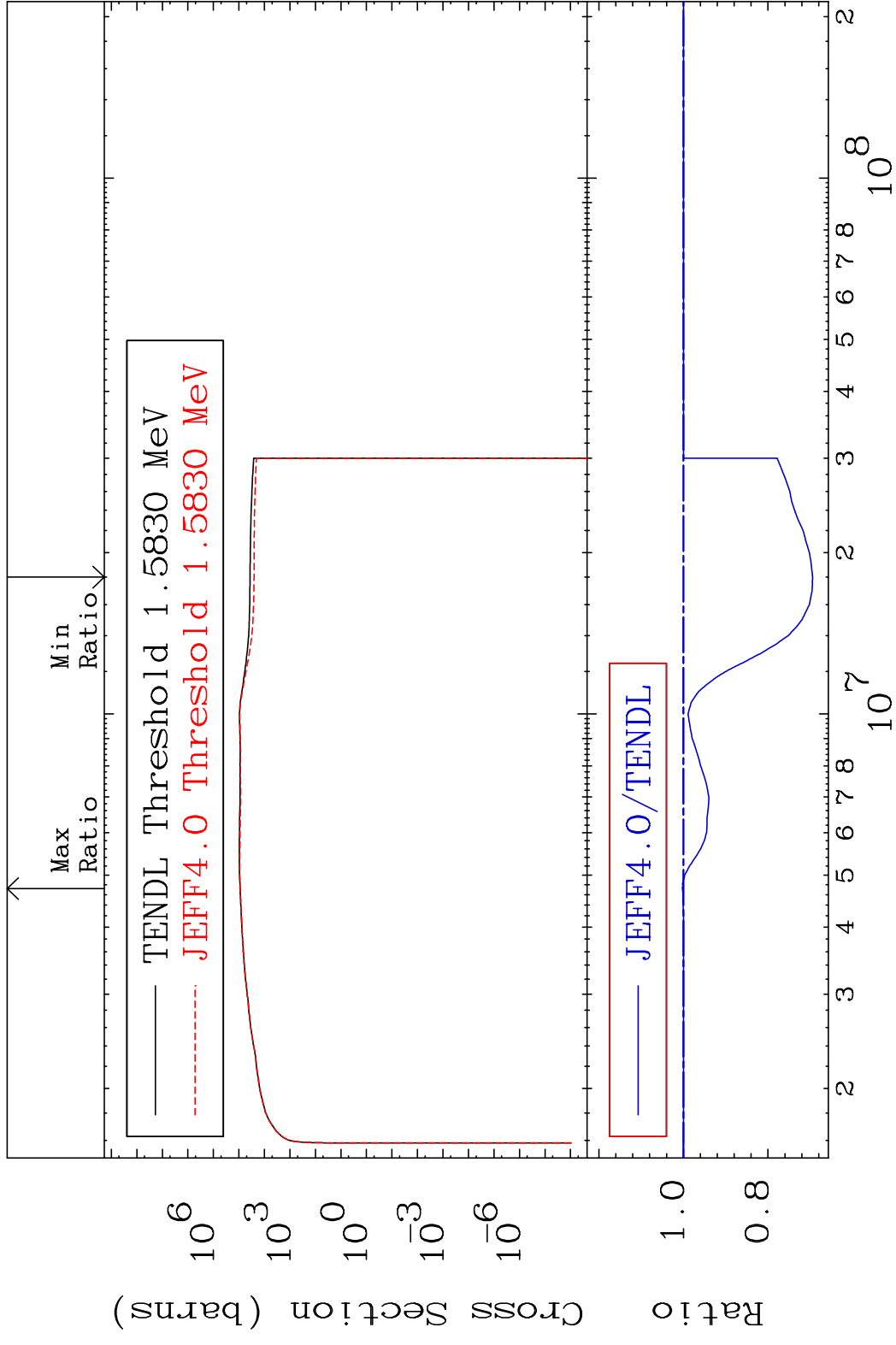
Cross Section -0.879 To 0.357 %



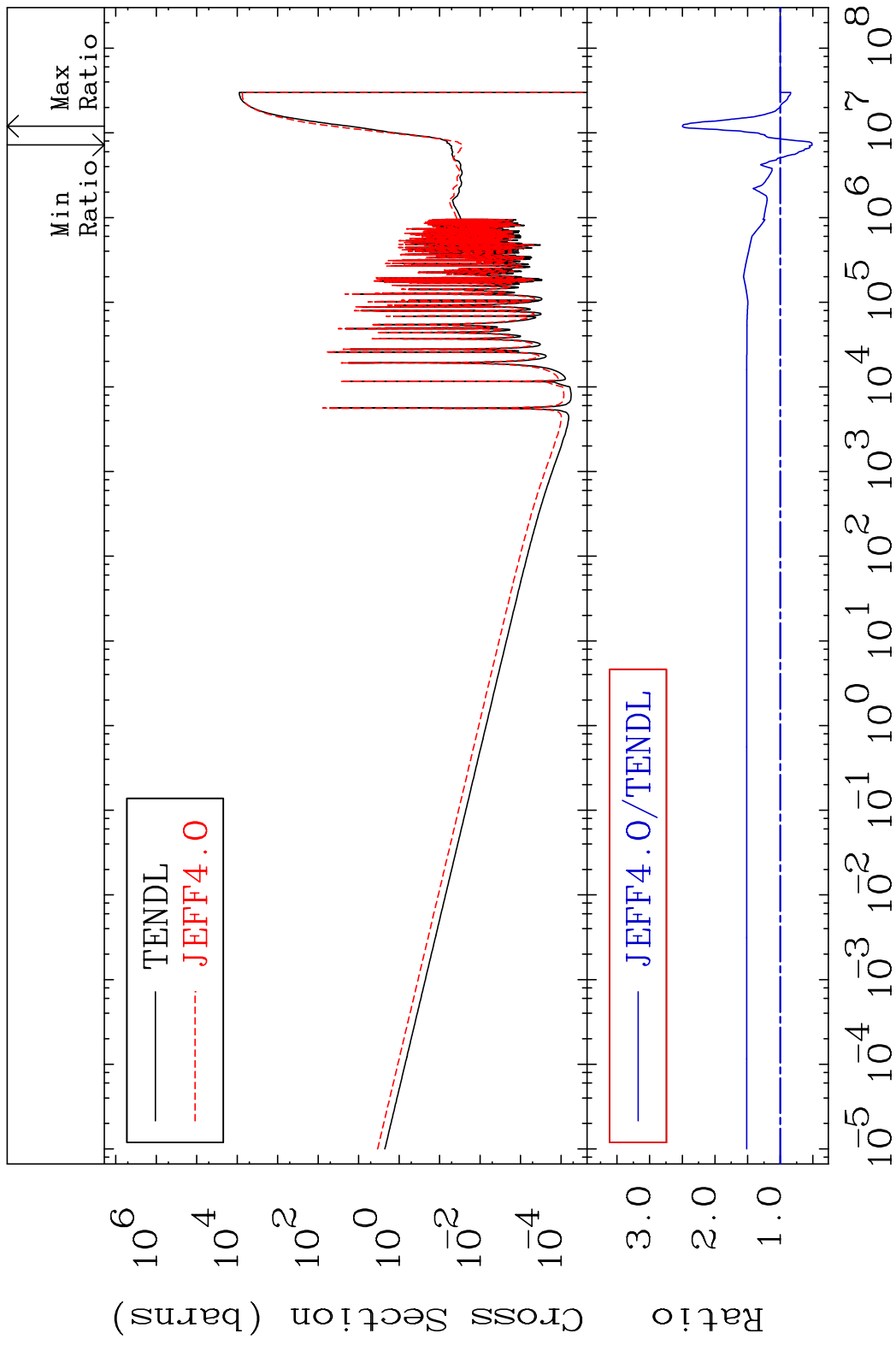
70

Incident Energy (eV)

36-Kr-86

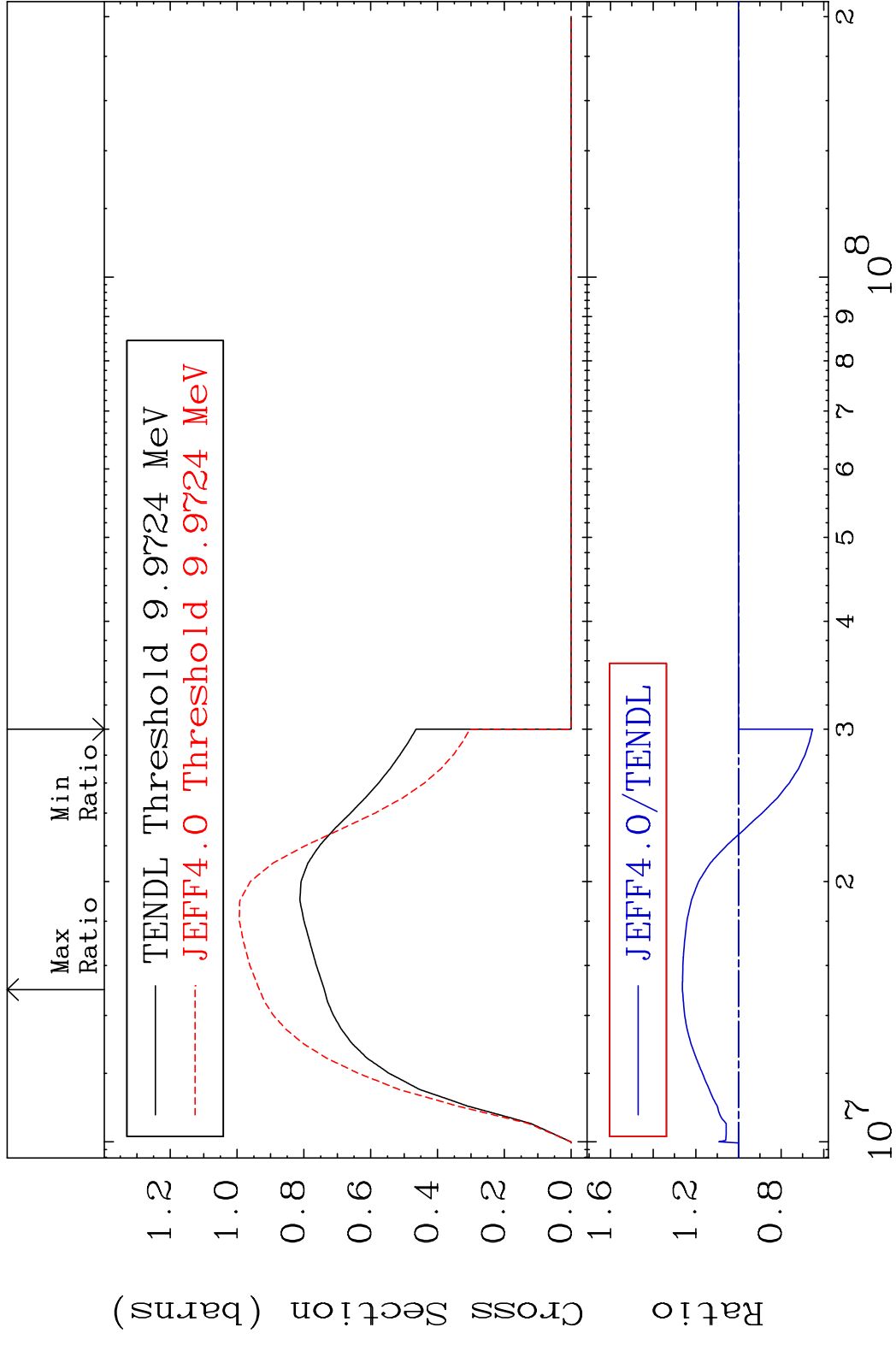


MAT 3649 Dpa disappearance (mt102 -120) 36-Kr-86  
 Cross Section -49.40 To 149.9 %

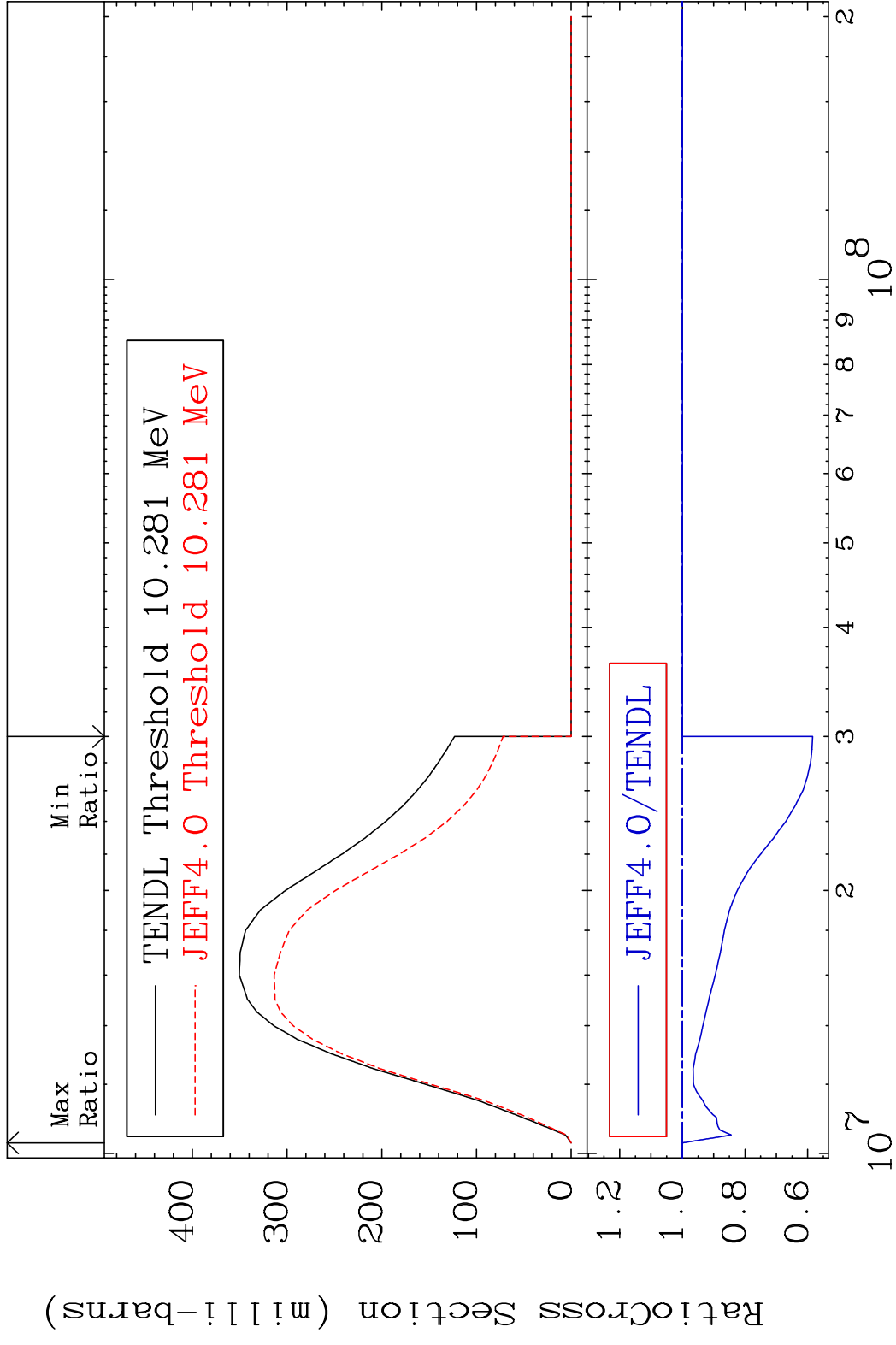


72 Incident Energy (eV) 36-Kr-86

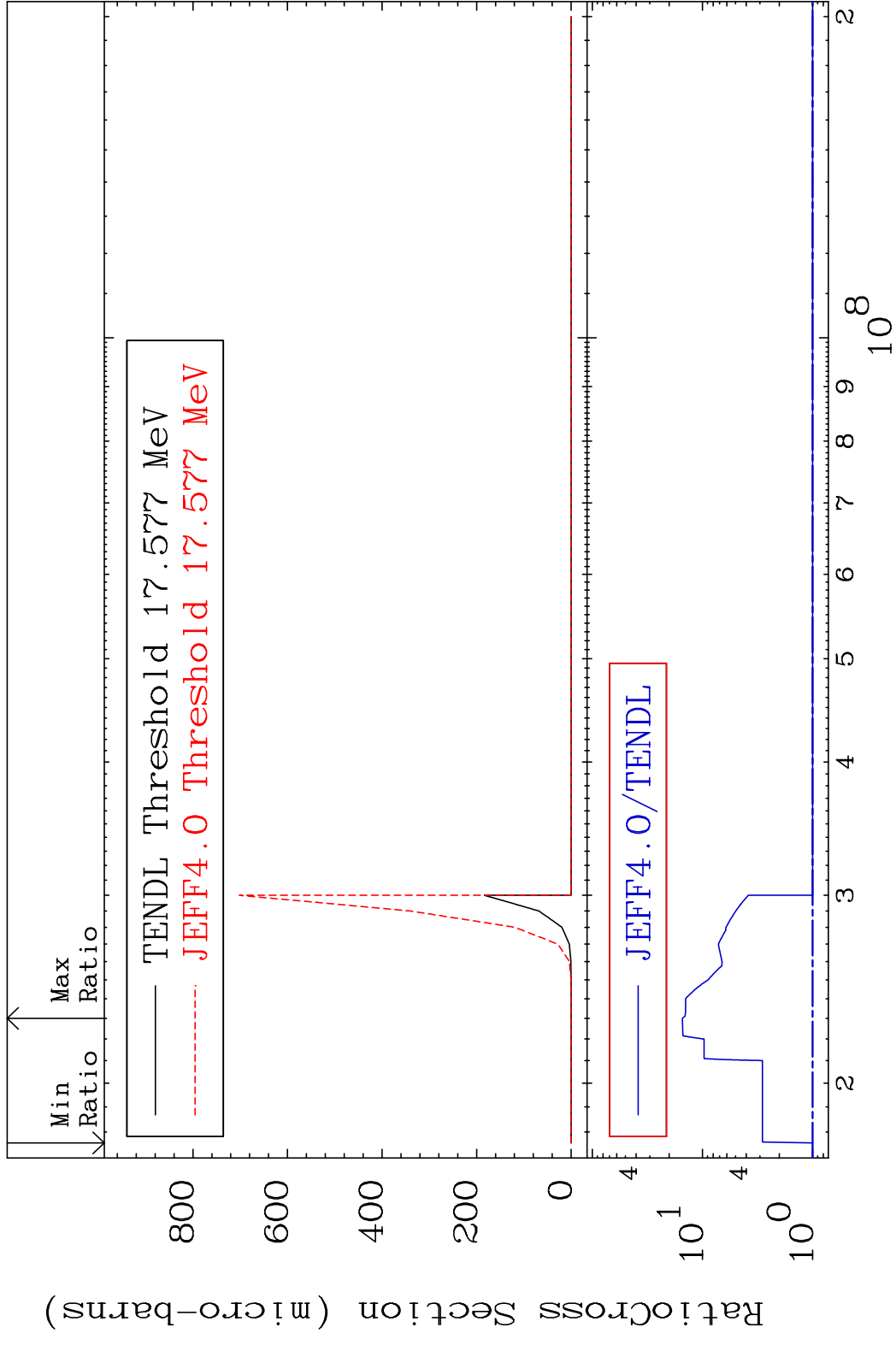
MAT 3649 (n,2n):36-Kr-85g 36-Kr-86  
 Radionuclide Production Cross Section 26.32 %



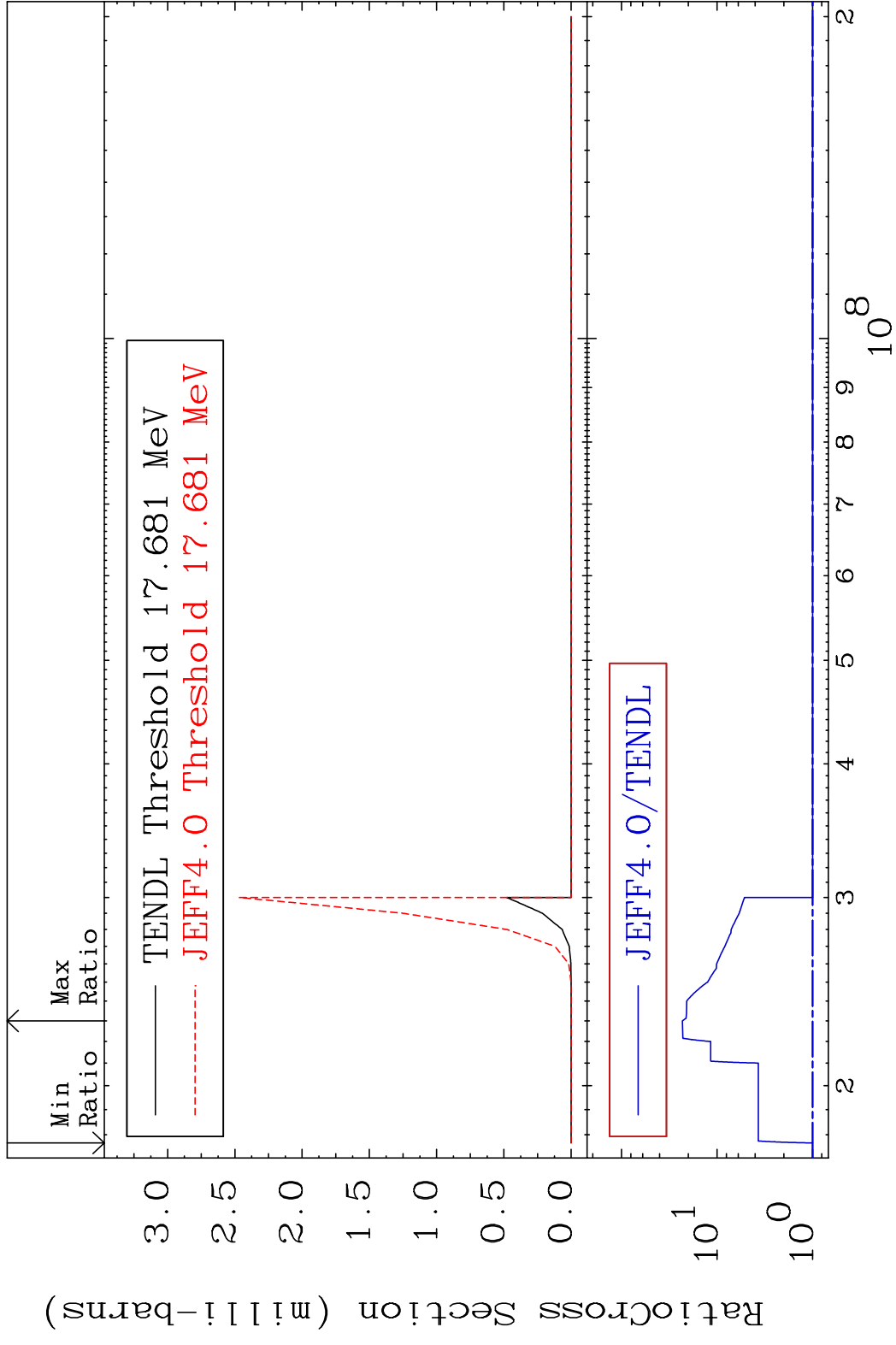
MAT 3649 (n,2n):36-Kr-85m1 36-Kr-86  
 Radionuclide Production Cross Section 0.000 %



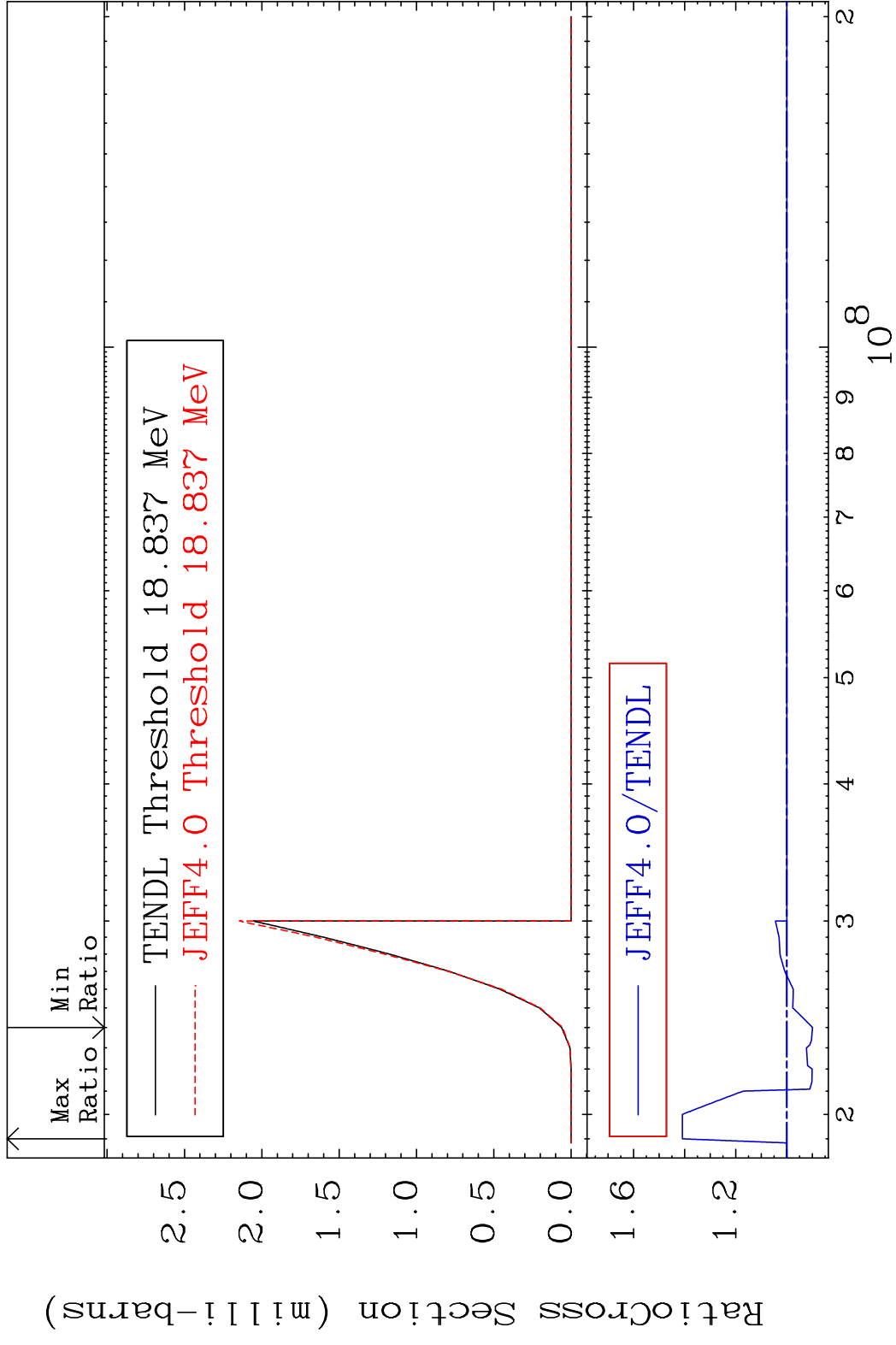
74 Incident Energy (eV) 36-Kr-86



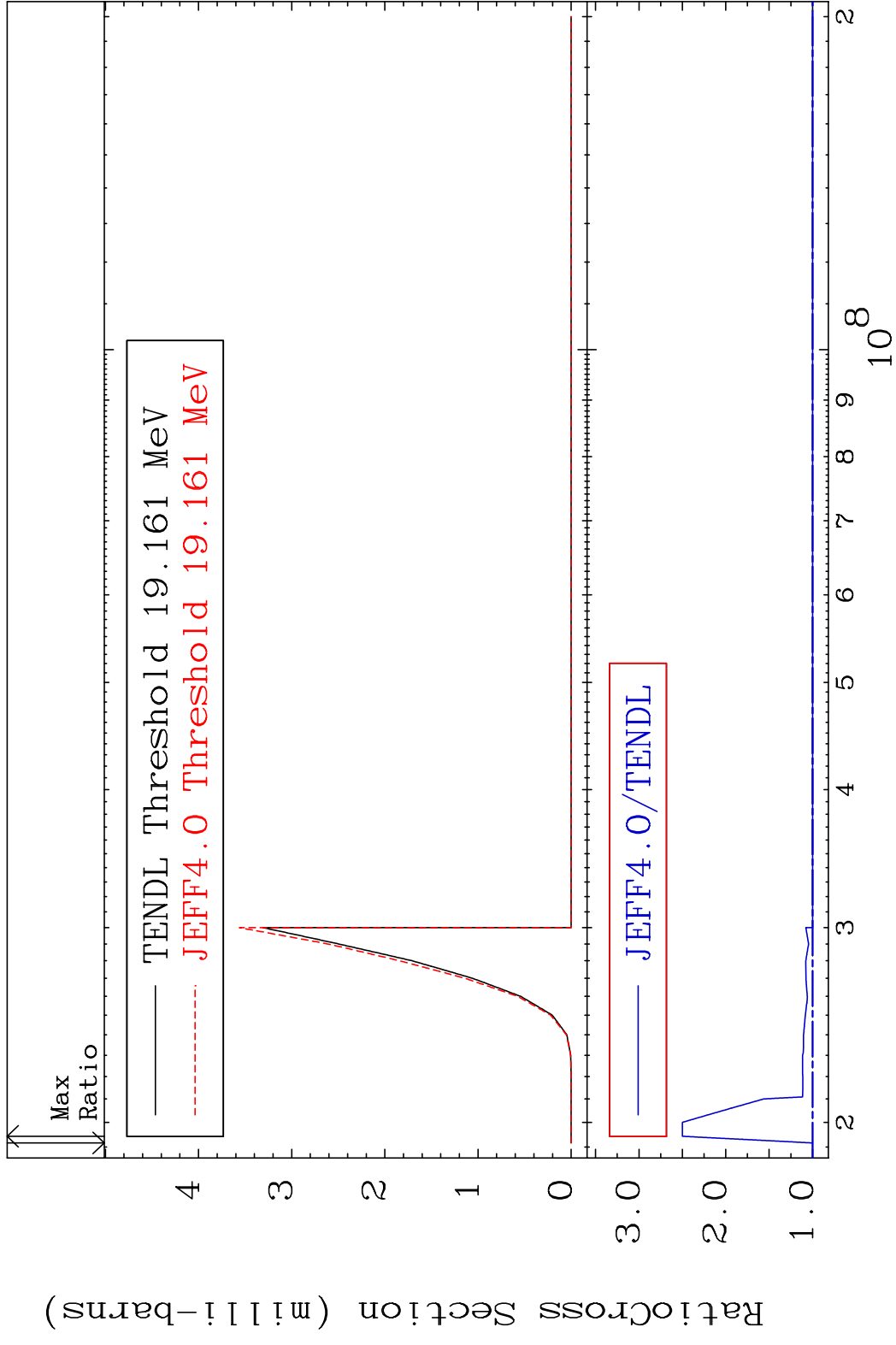
MAT 3649 (n,2n)  $\alpha$ :34-Se-81m1 36-Kr-86  
 Radionuclide Production Cross Section 2208. %

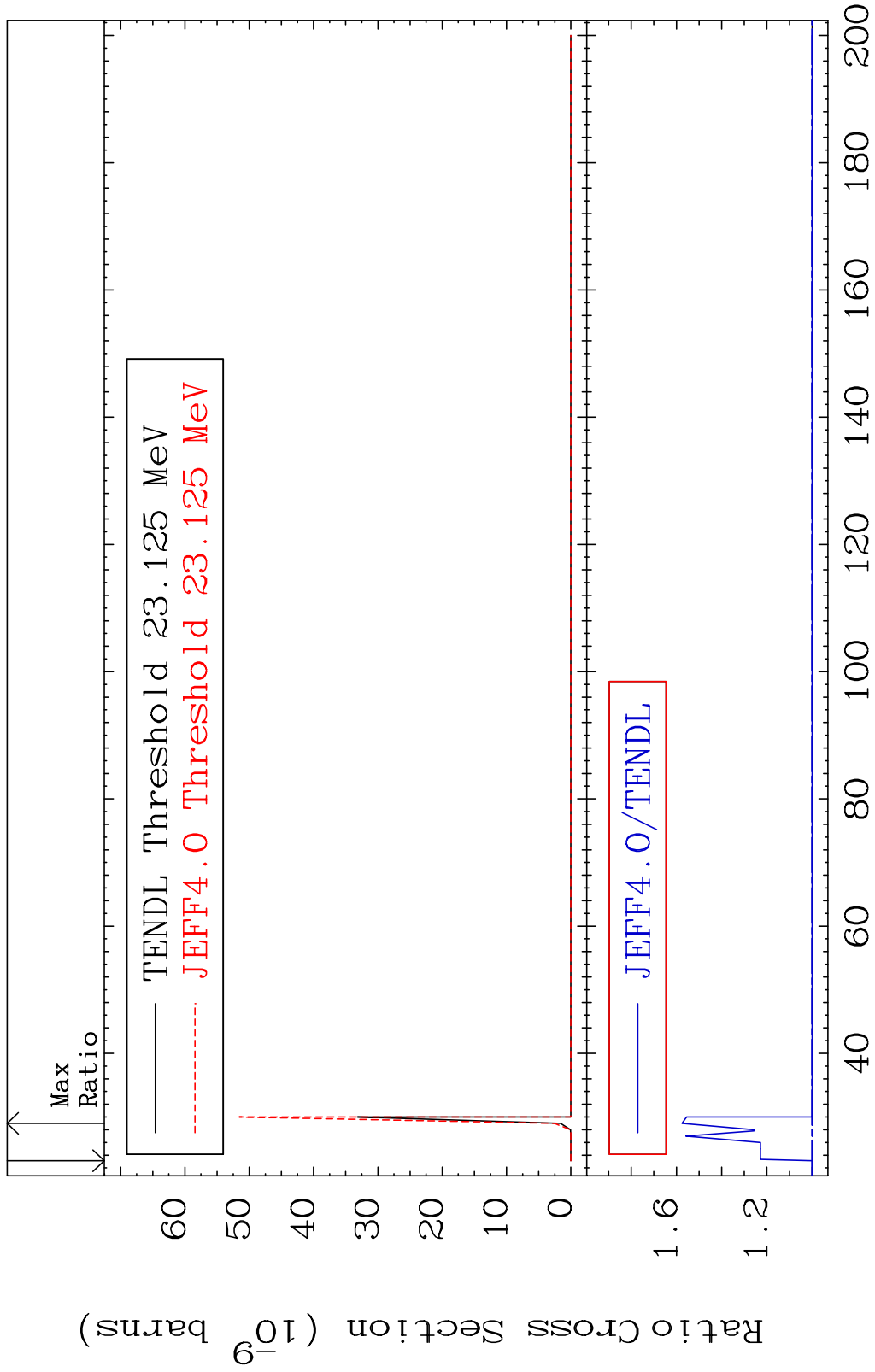


MAT 3649 (n, n') d:35-Br-84g 36-Kr-86  
 Radionuclide Production Cross Section 40.89 %

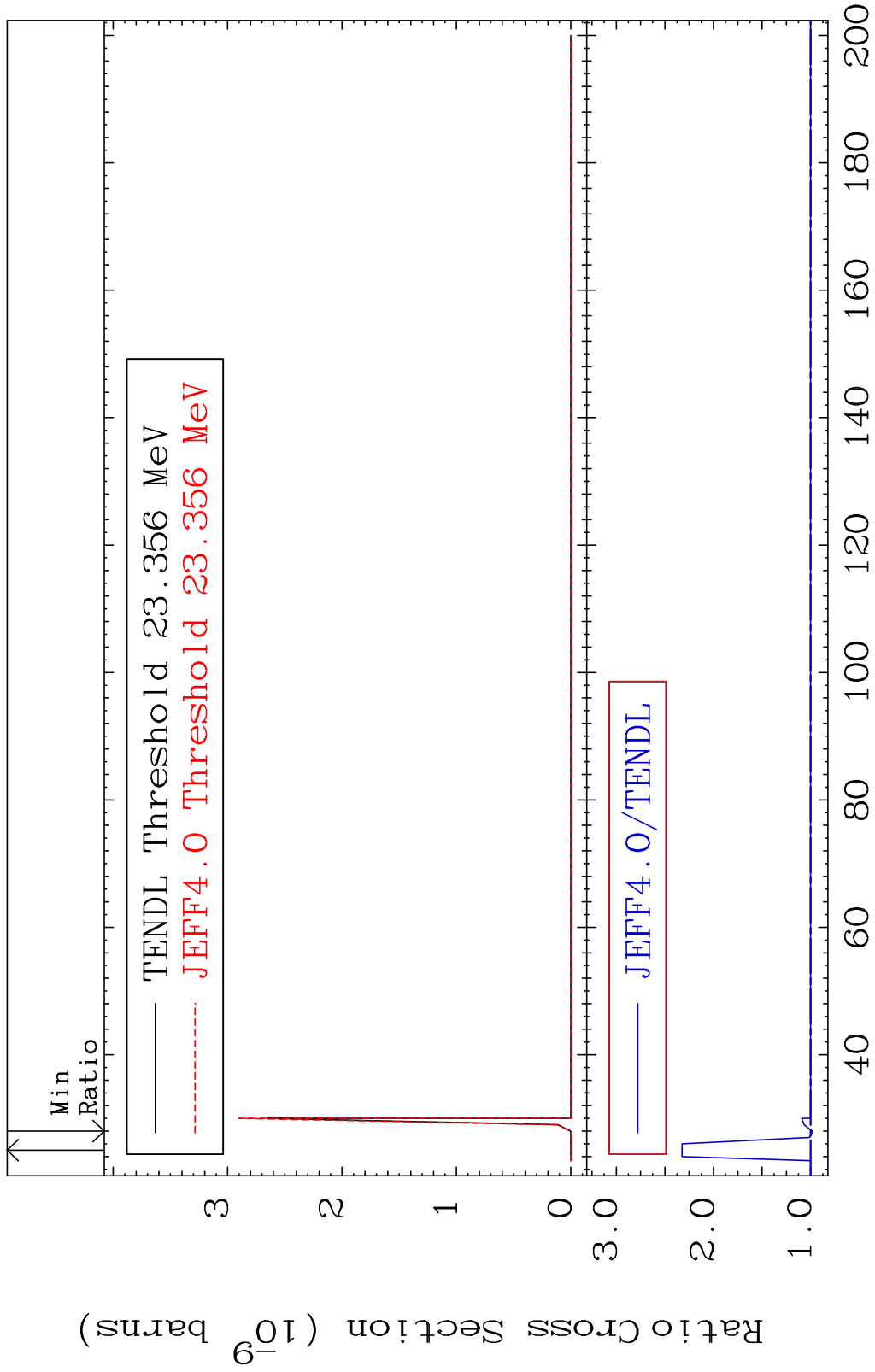


MAT 3649 (n, n') d:35-Br-84m1 36-Kr-86  
 Radionuclide Production Cross Section 150.0 %



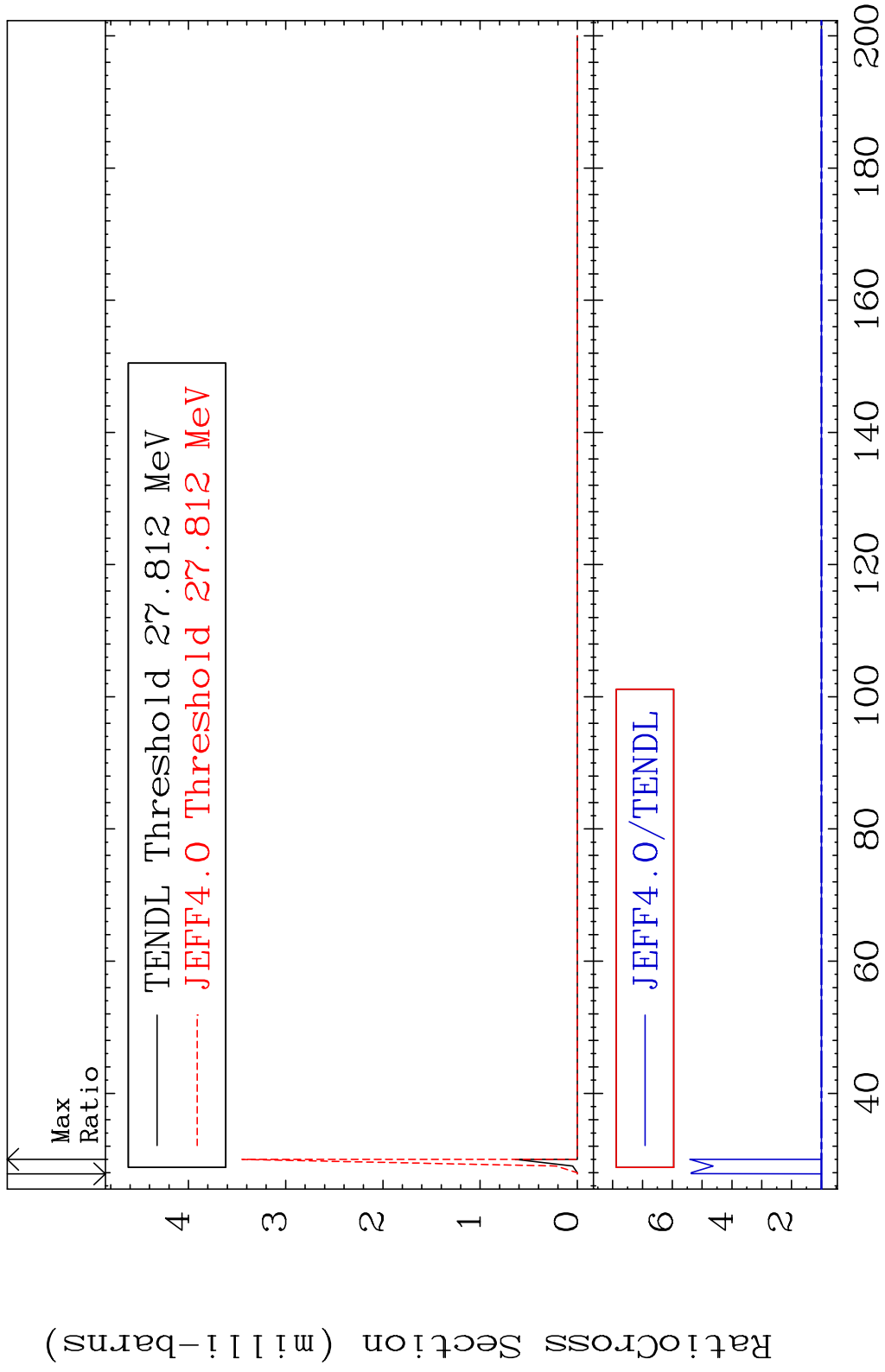


MAT 3649 (n, n') He-3:34-Se-83m1 36-Kr-86  
 Radionuclide Production Cross Section 132.4 %

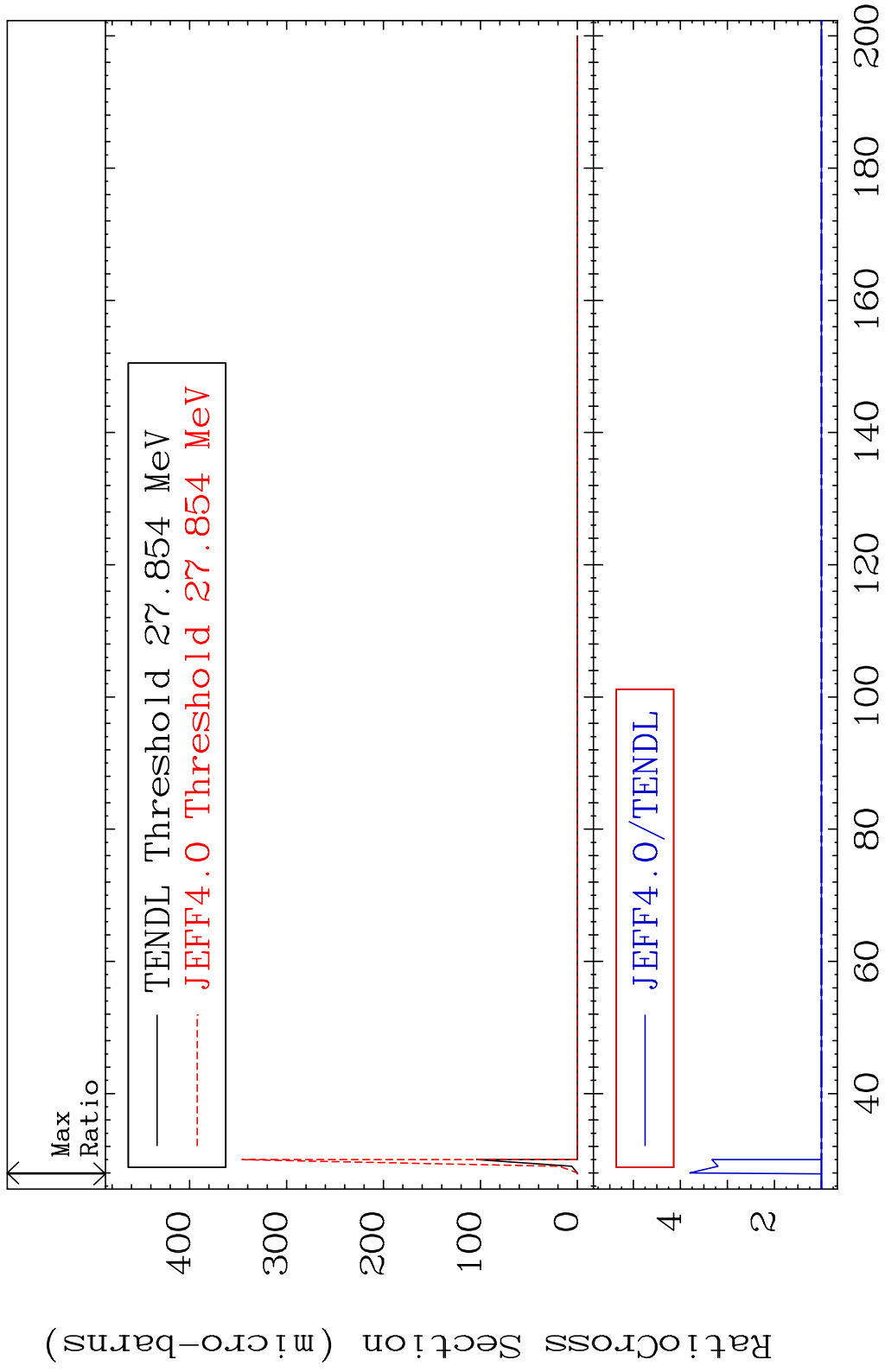


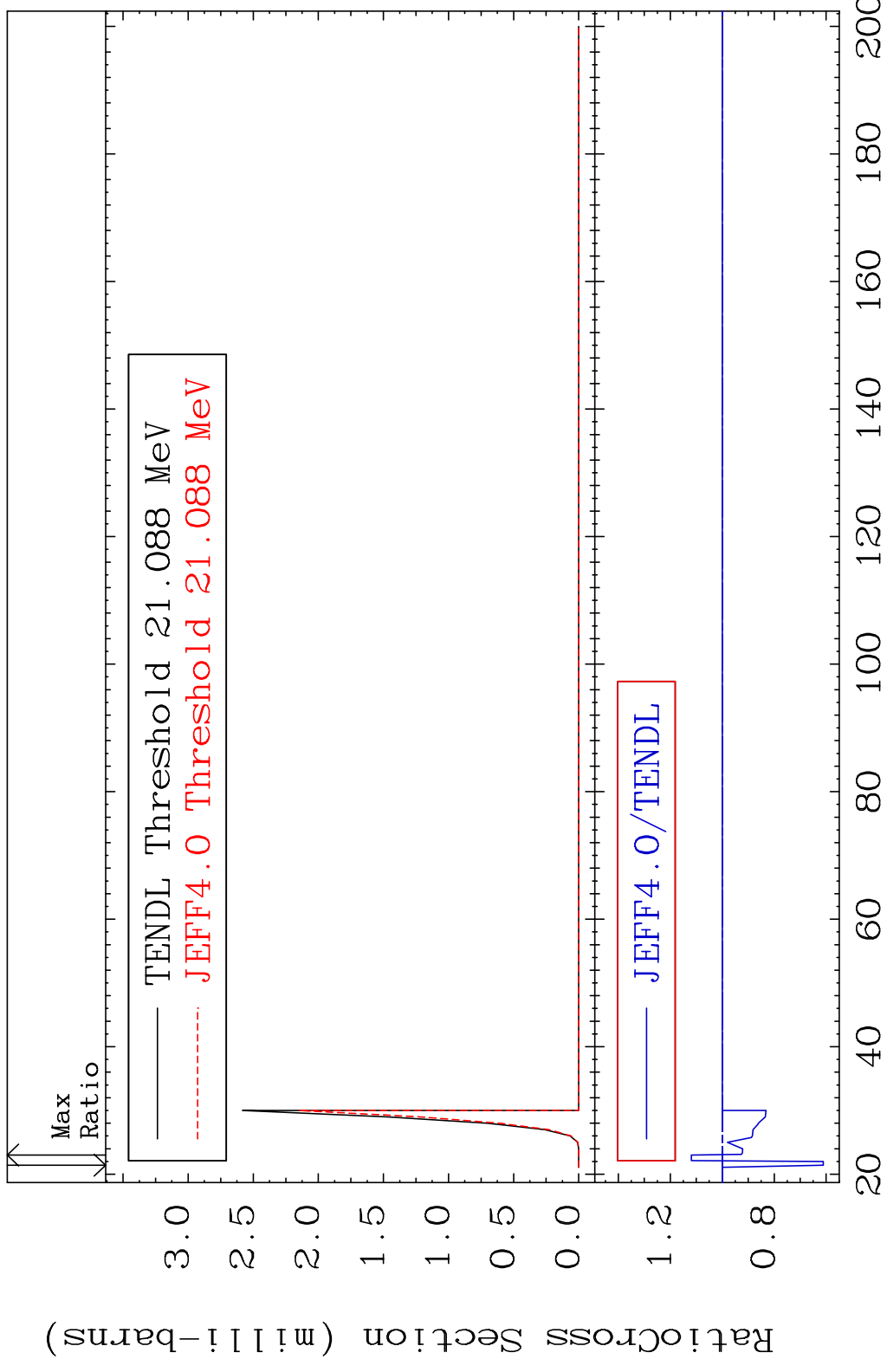
80 Incident Energy (MeV) 36-Kr-86

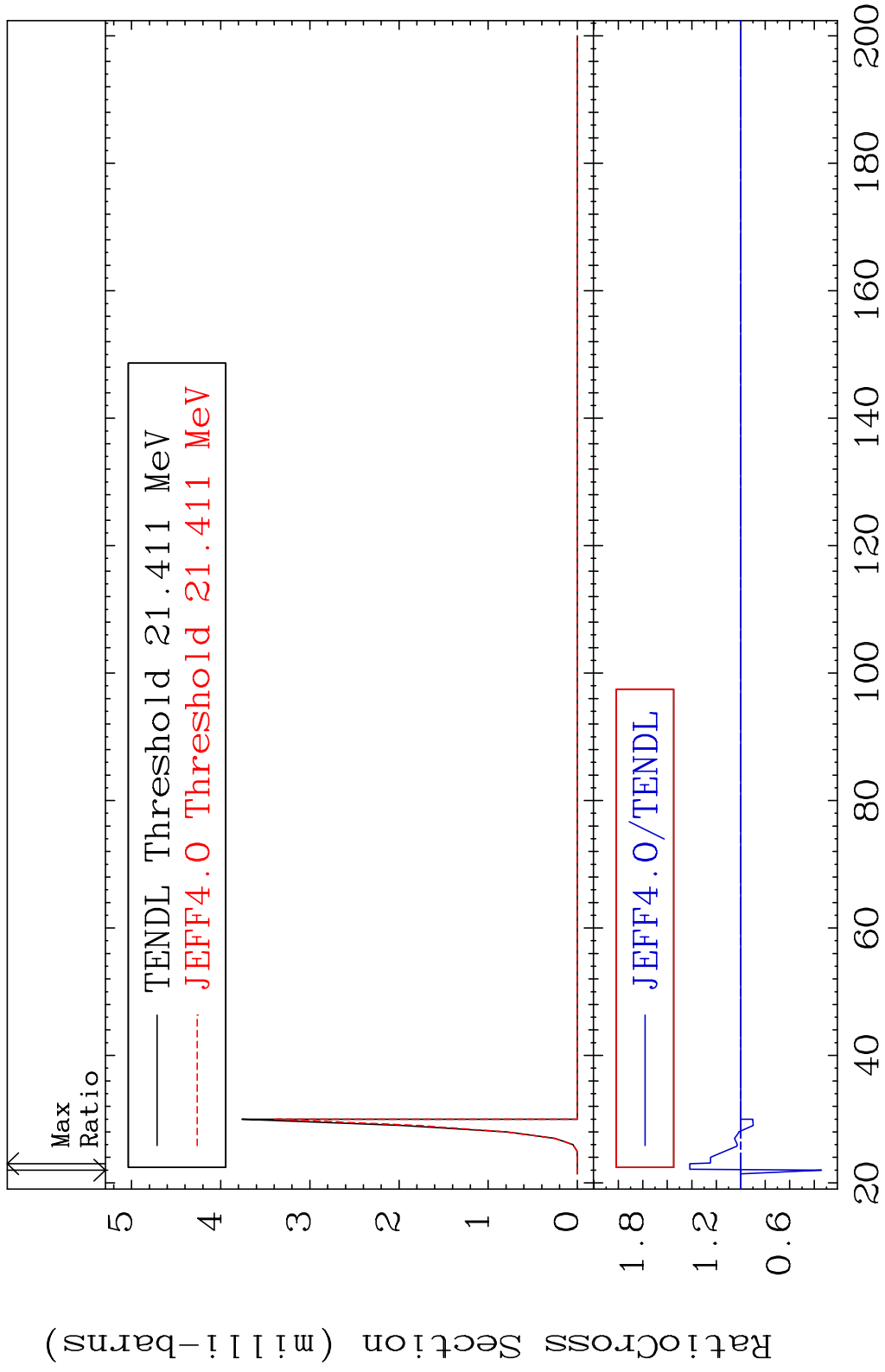
MAT 3649 (n,4n):36-Kr-83g 36-Kr-86  
 Radionuclide Production Cross Section 441.4 %

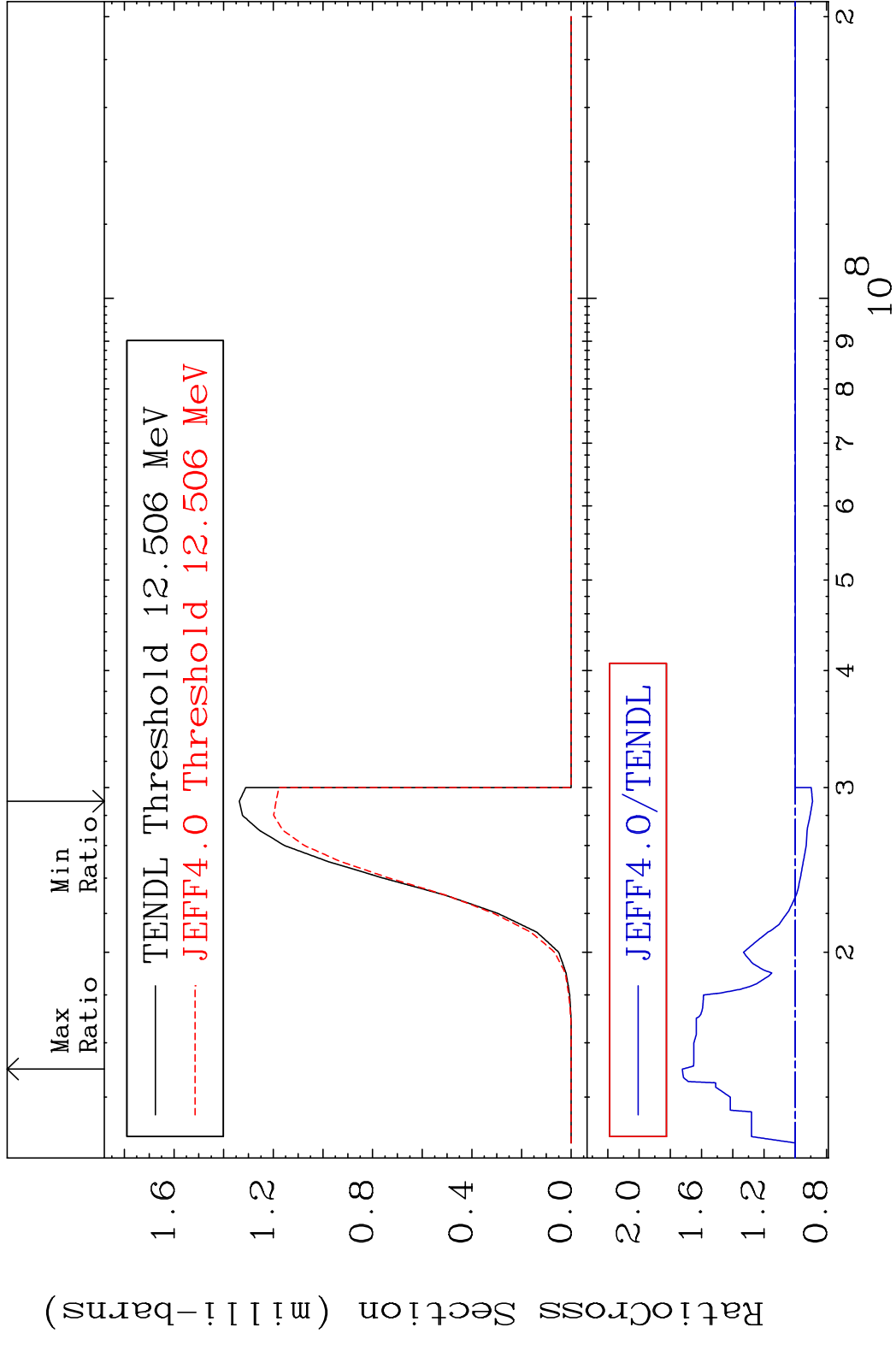


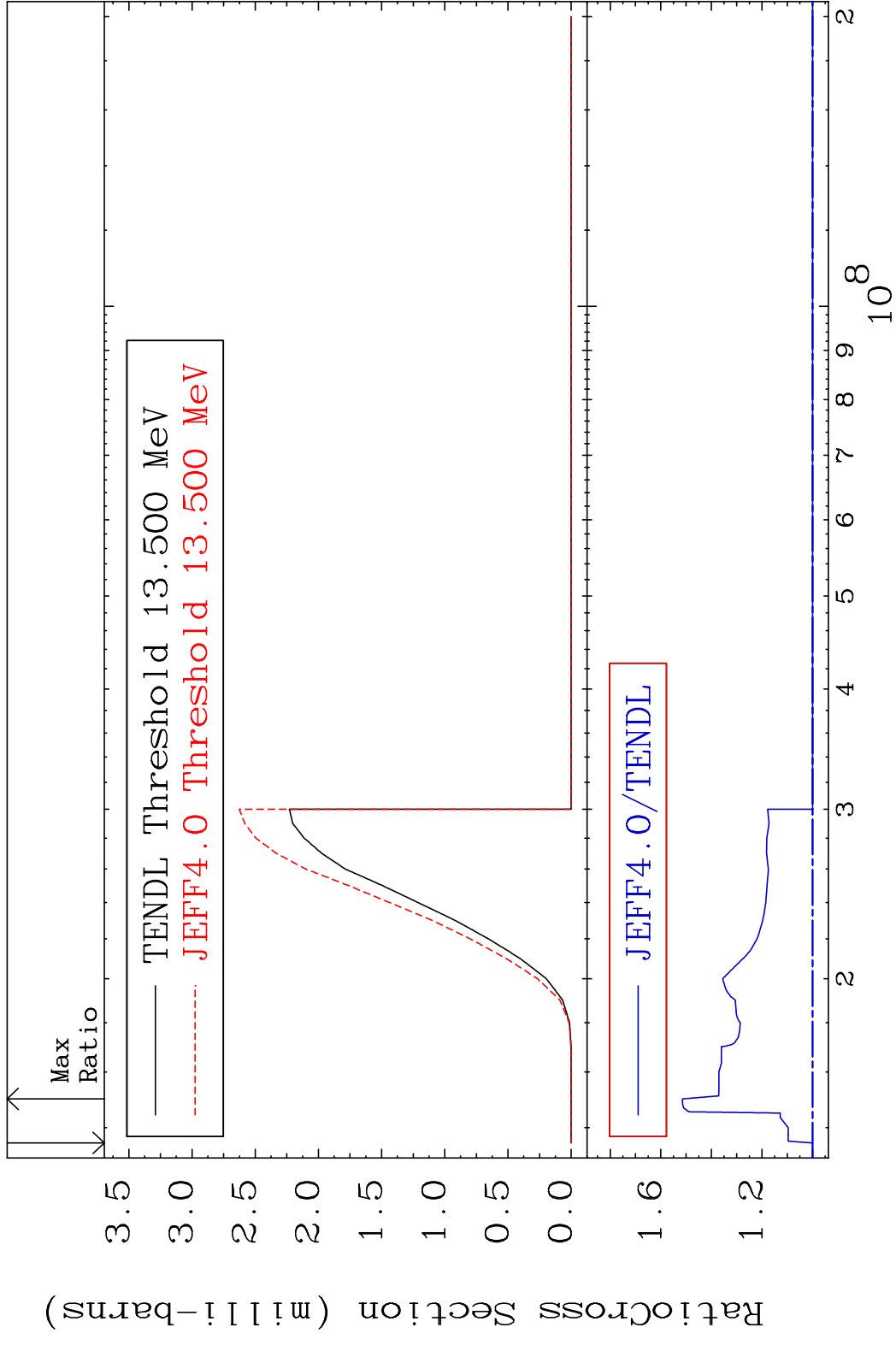
MAT 3649 (n,4n):36-Kr-83m2 36-Kr-86  
 Radionuclide Production Cross Section 279.9 %

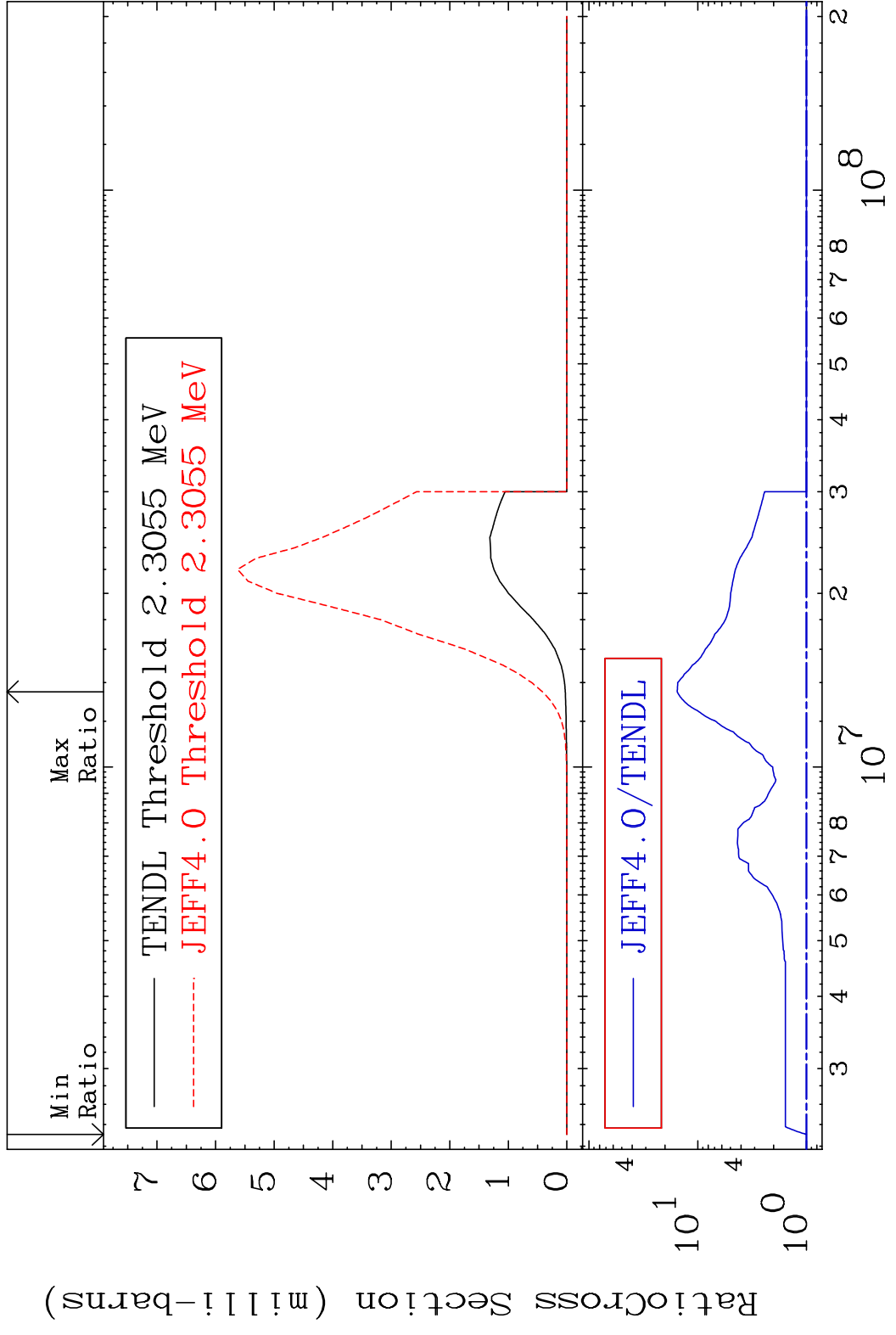


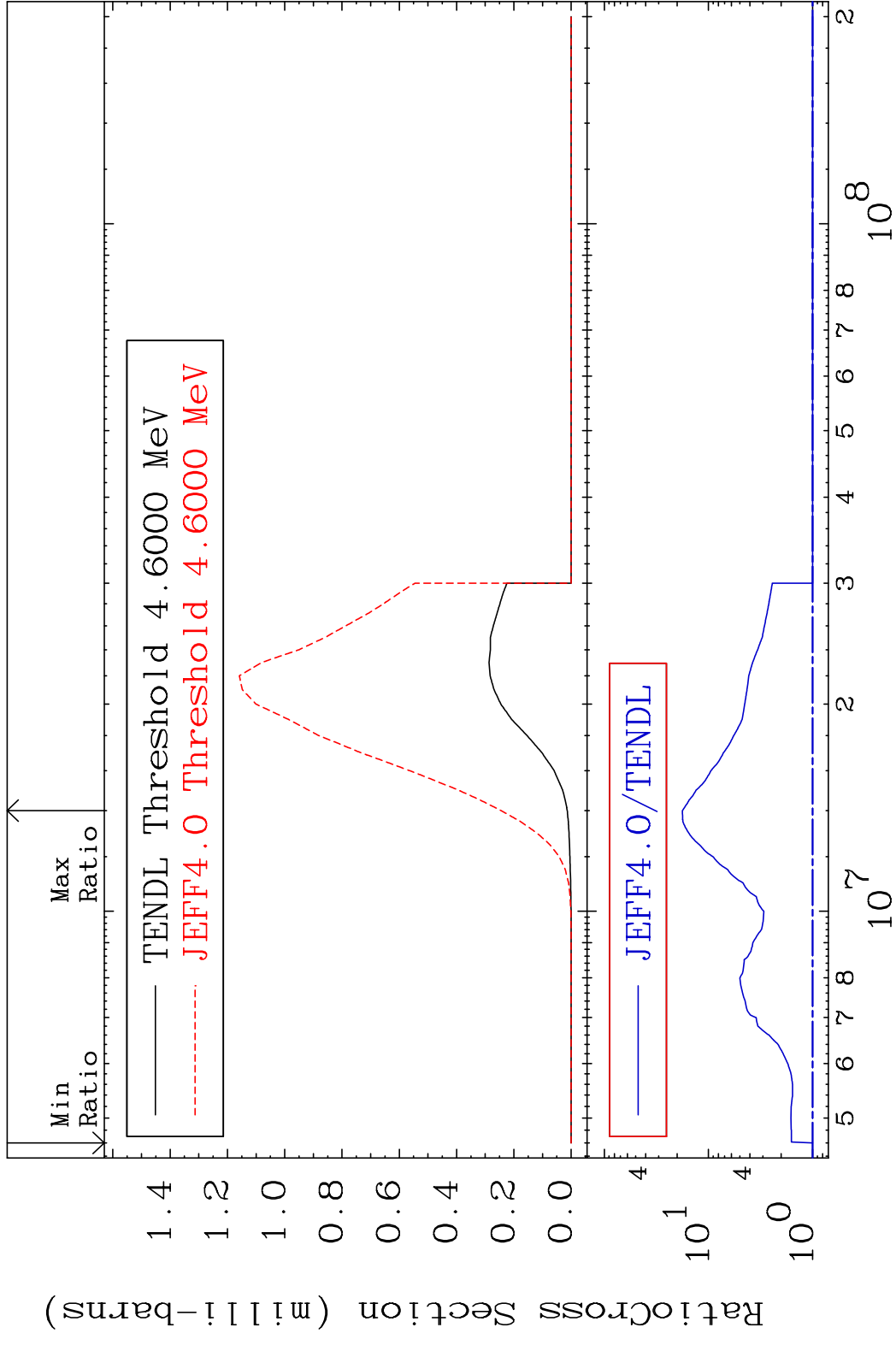


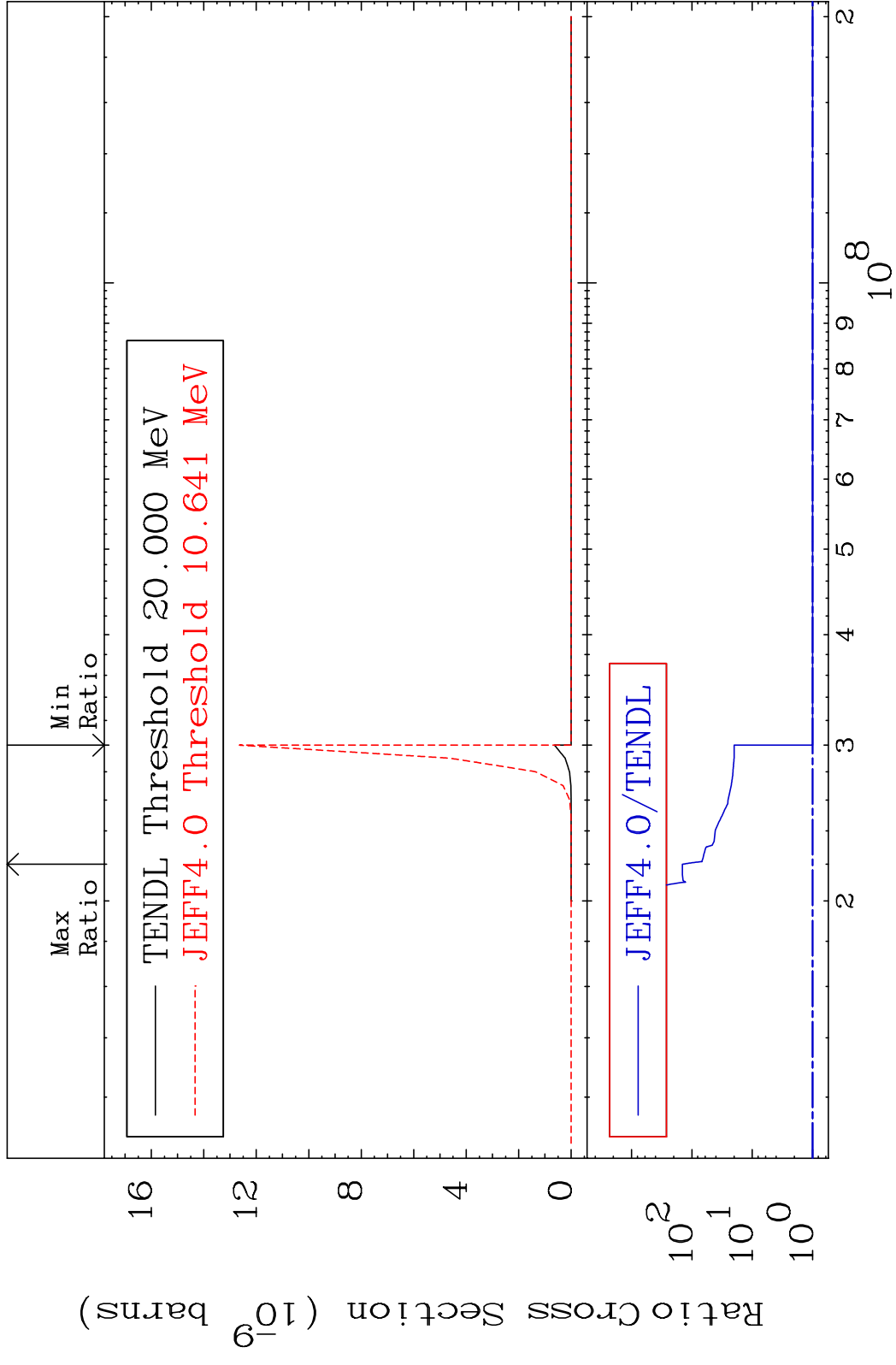


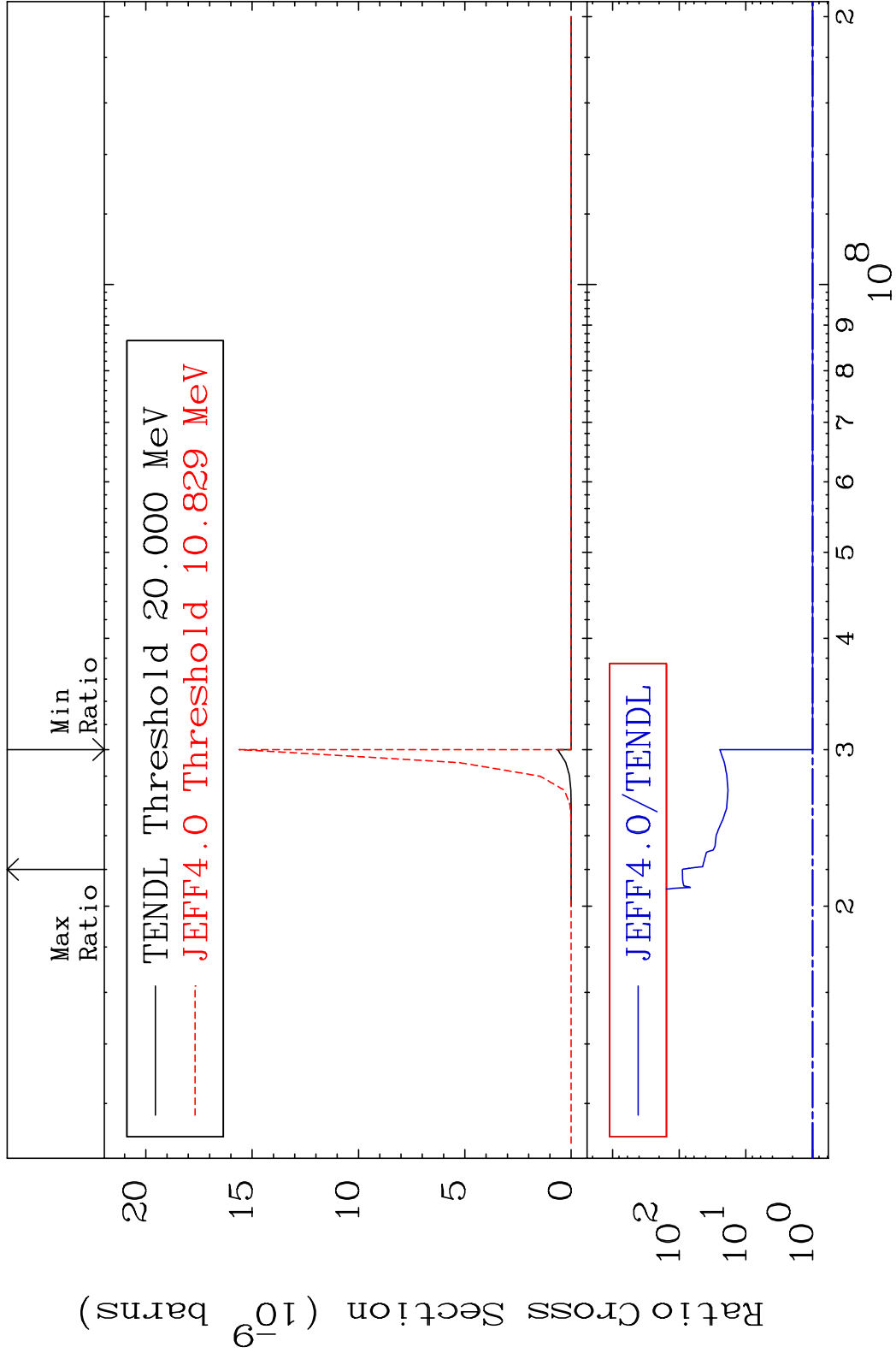


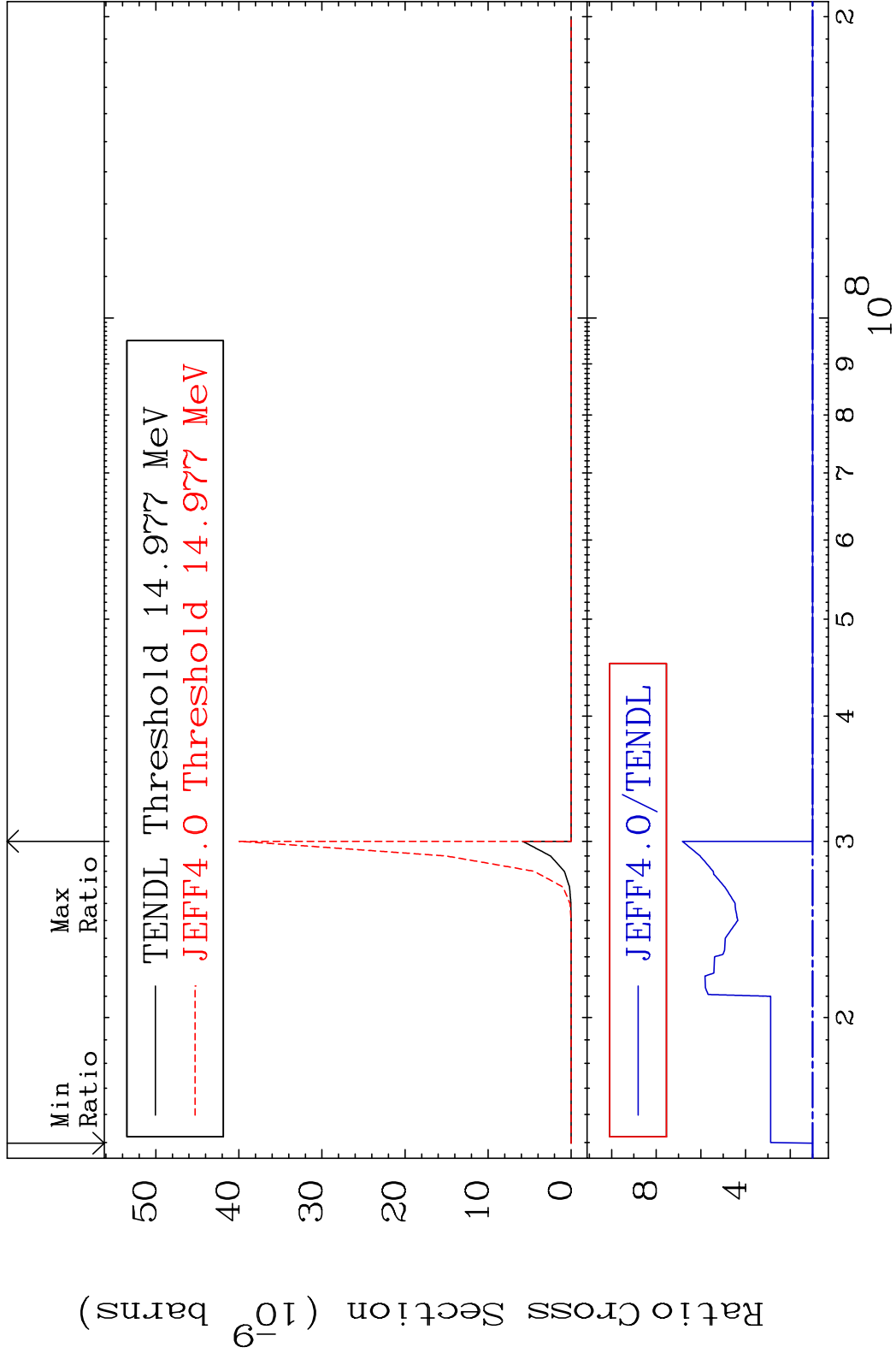












MAT 3649 (n, p)  $\alpha$ :33-As-82m1 36-Kr-86  
 Radionuclide Production Cross Section 390.0 %

