

Program Complot
(Version 2021-1)

by

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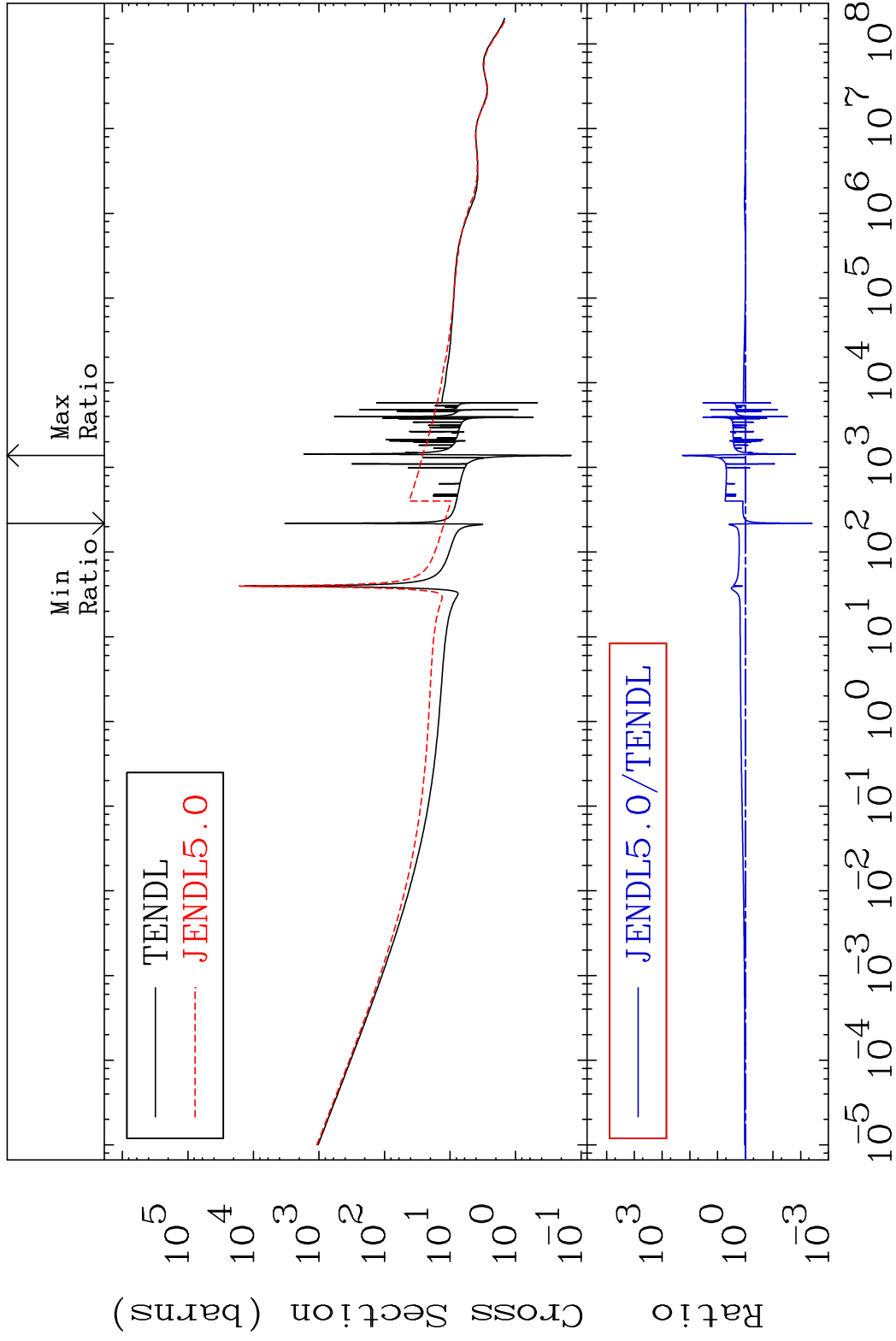
Press Mouse Button to Start

MAT 3637

Total

36-Kr-82

Cross Section -99.63 To 9999. %



1

Incident Energy (eV)

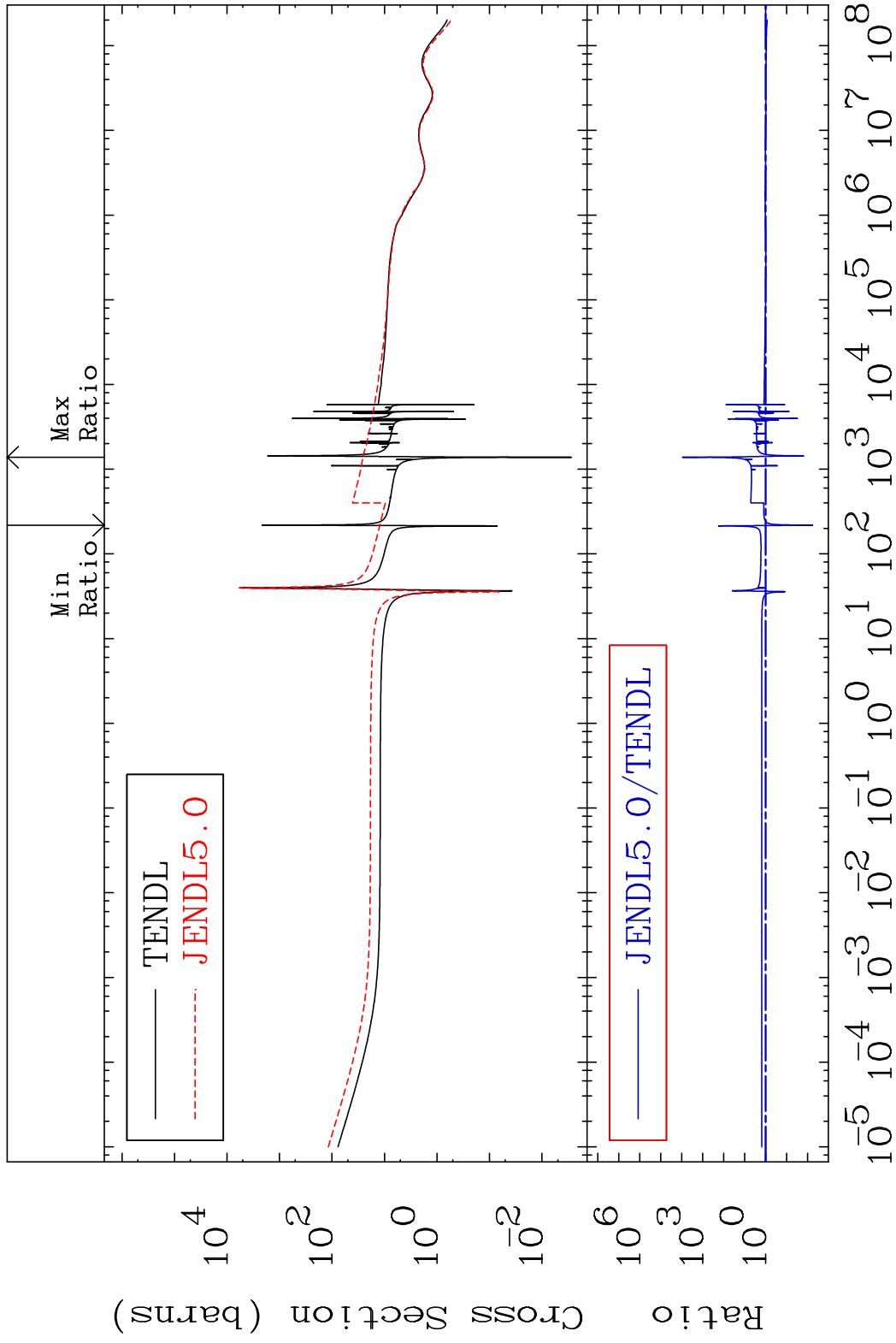
36-Kr-82

MAT 3637

Elastic

36-Kr-82

Cross Section -99.43 To 9999. %

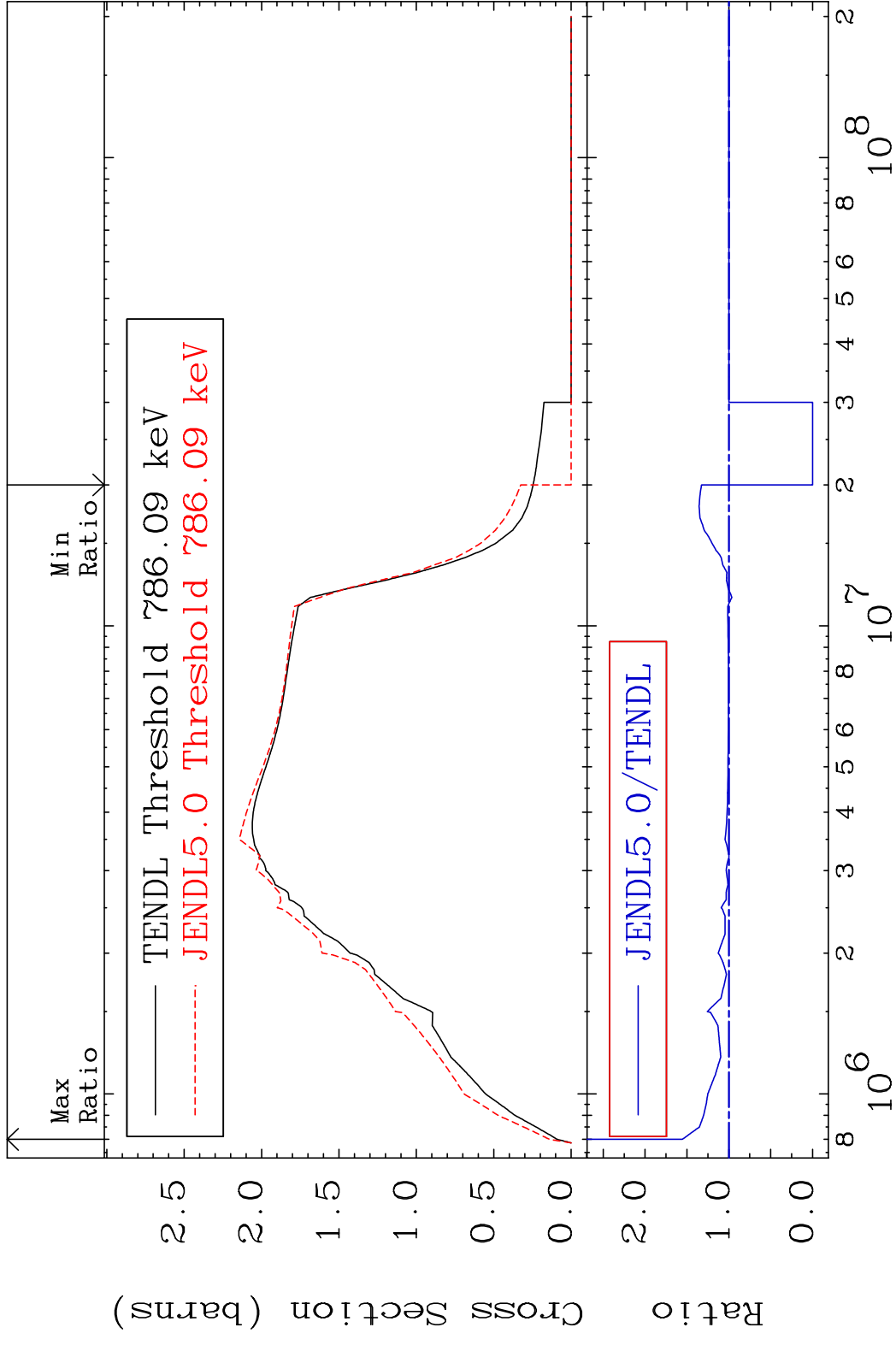


2

Incident Energy (eV)

36-Kr-82

MAT 3637 Inelastic Cross Section -100.0 To 55.50 % 36-Kr-82



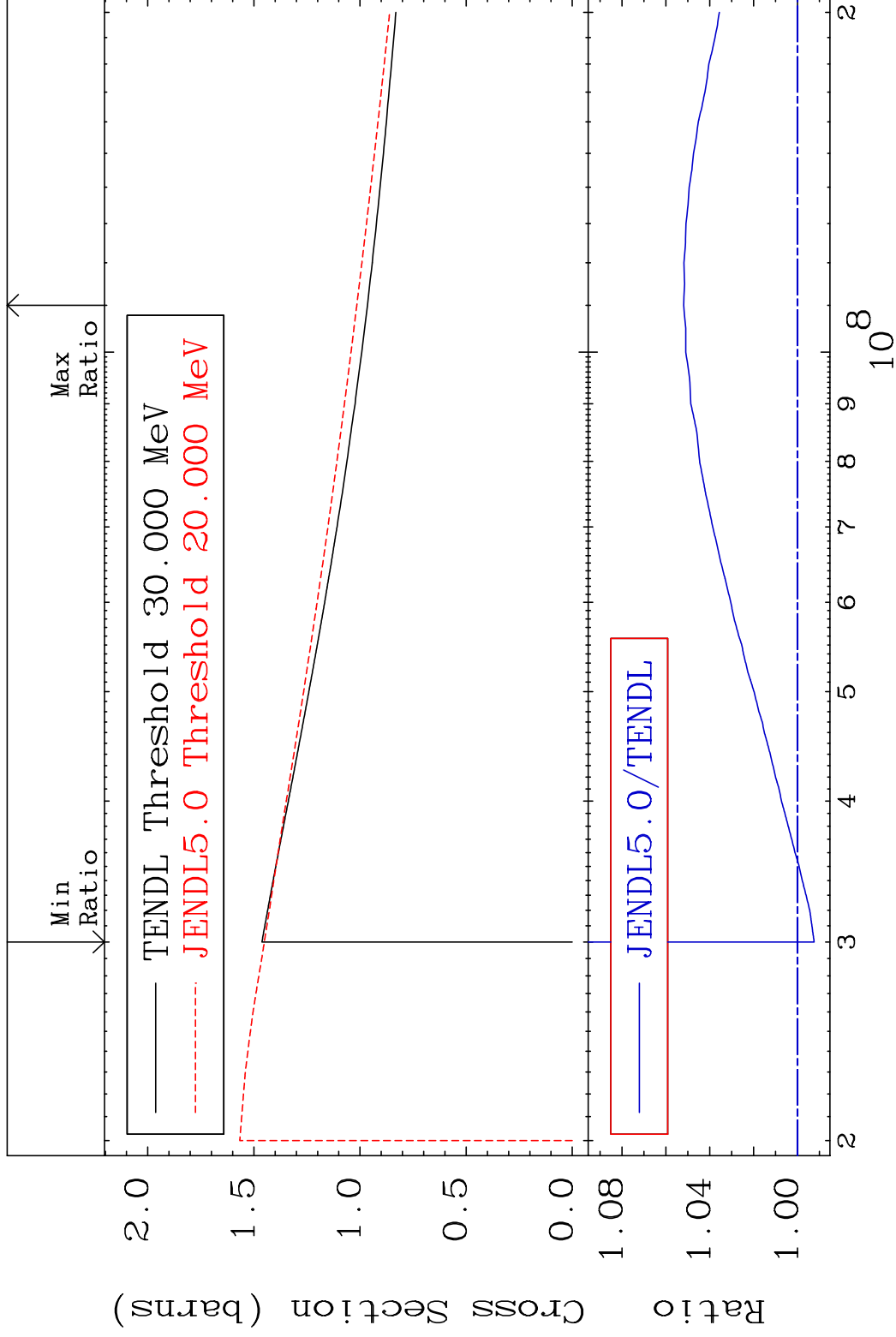
3 36-Kr-82

MAT 3637

(n, remainder)

36-Kr-82

Cross Section -0.760 To 5.186 %



4

Incident Energy (eV)

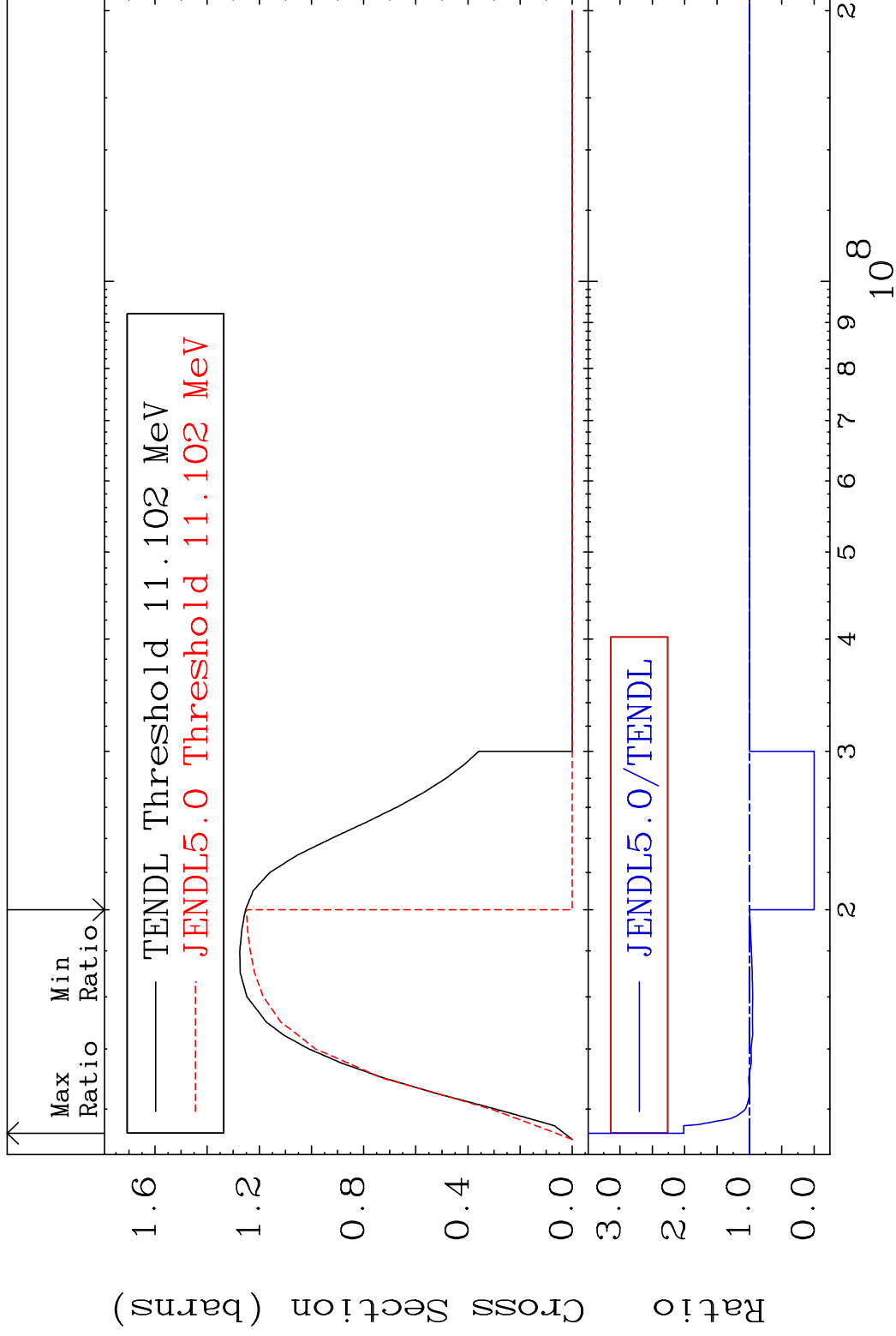
36-Kr-82

MAT 3637

(n,2n)

36-Kr-82

Cross Section -100.0 To 101.5 %



5

Incident Energy (eV)

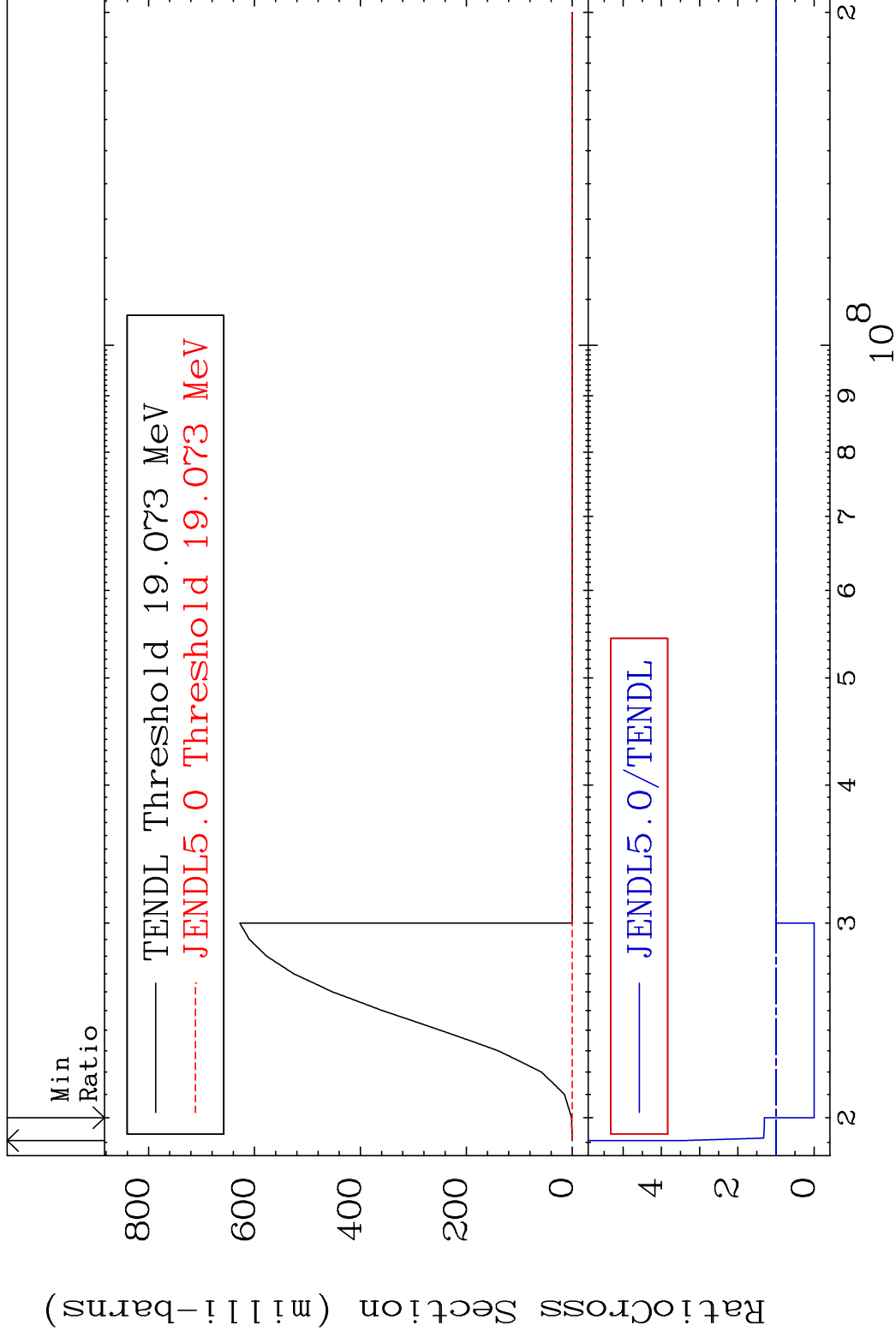
36-Kr-82

MAT 3637

(n,3n)

36-Kr-82

Cross Section -100.0 To 241.7 %



6

Incident Energy (eV)

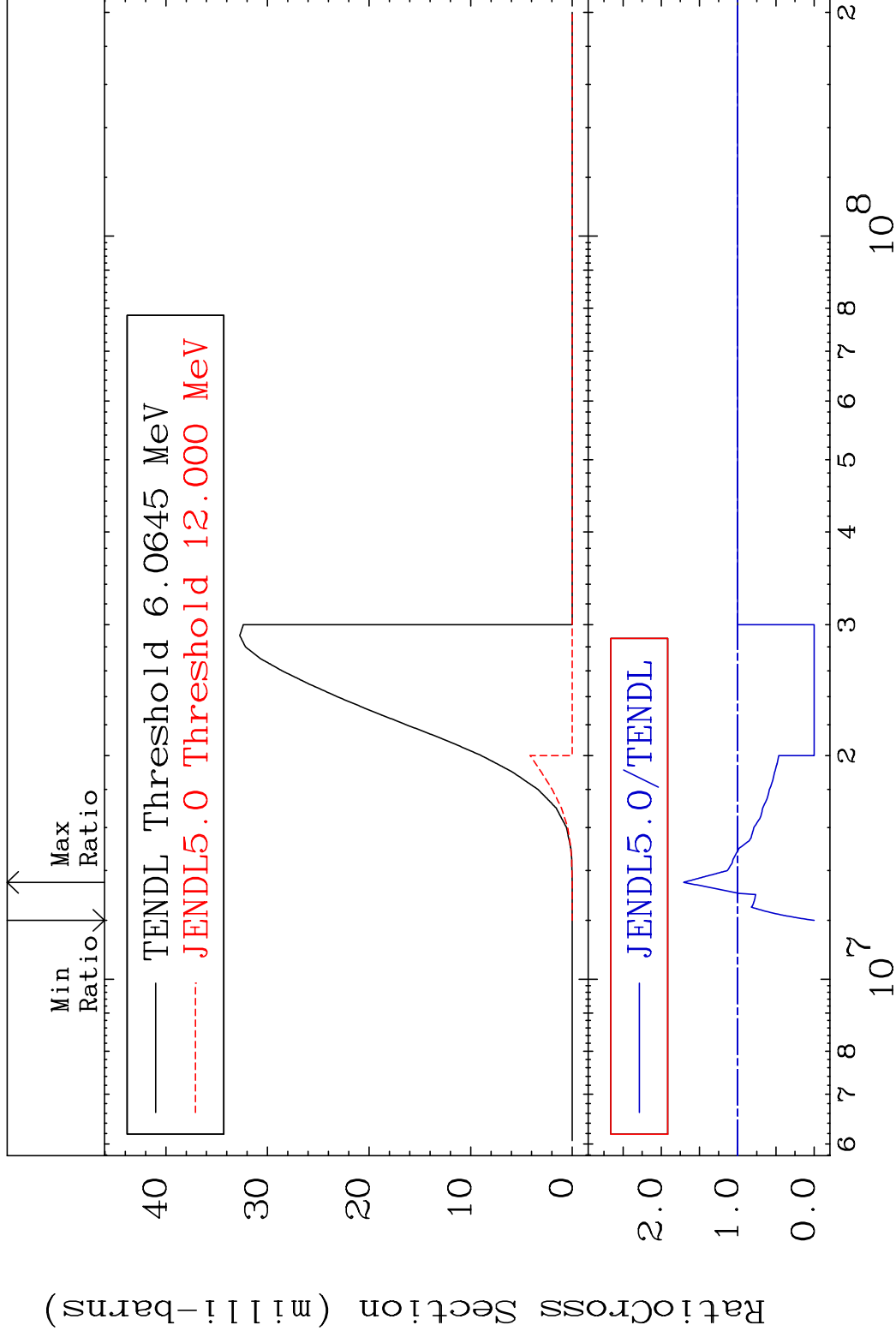
36-Kr-82

MAT 3637

(n, n') α

36-Kr-82

Cross Section -100.0 To 70.70 %



7

Incident Energy (eV)

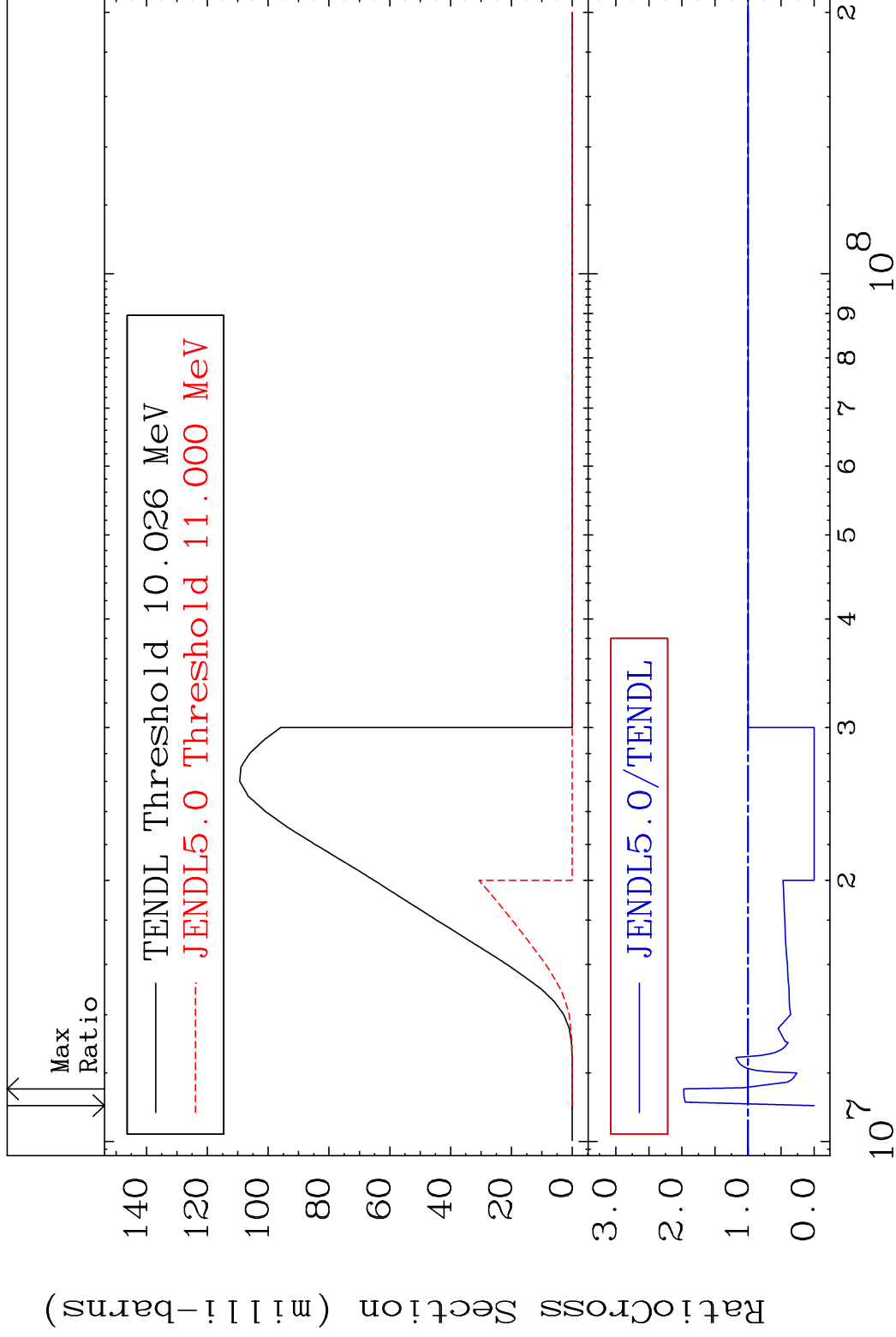
36-Kr-82

MAT 3637

(n, n') p

36-Kr-82

Cross Section -100.0 To 97.36 %

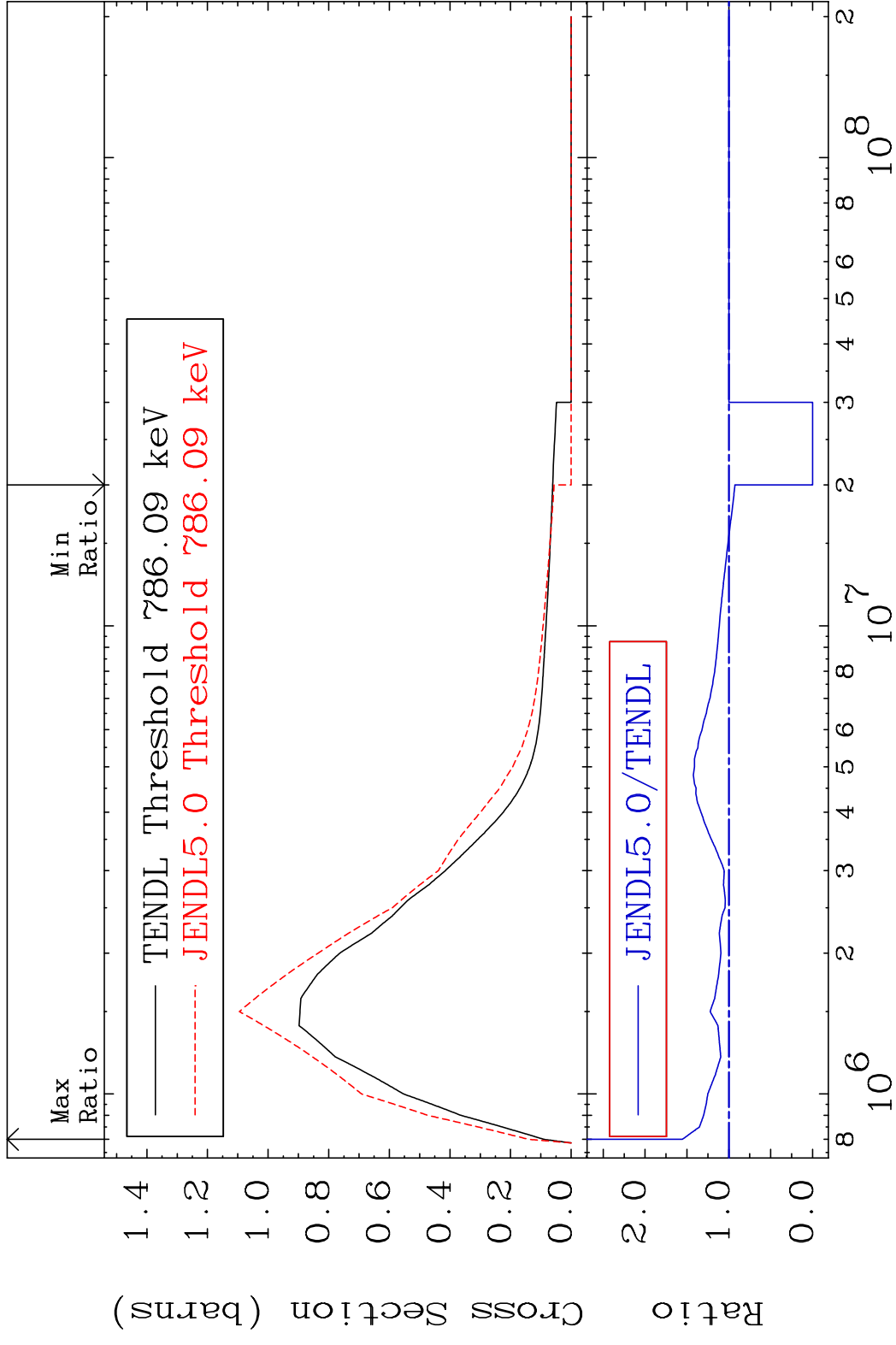


8

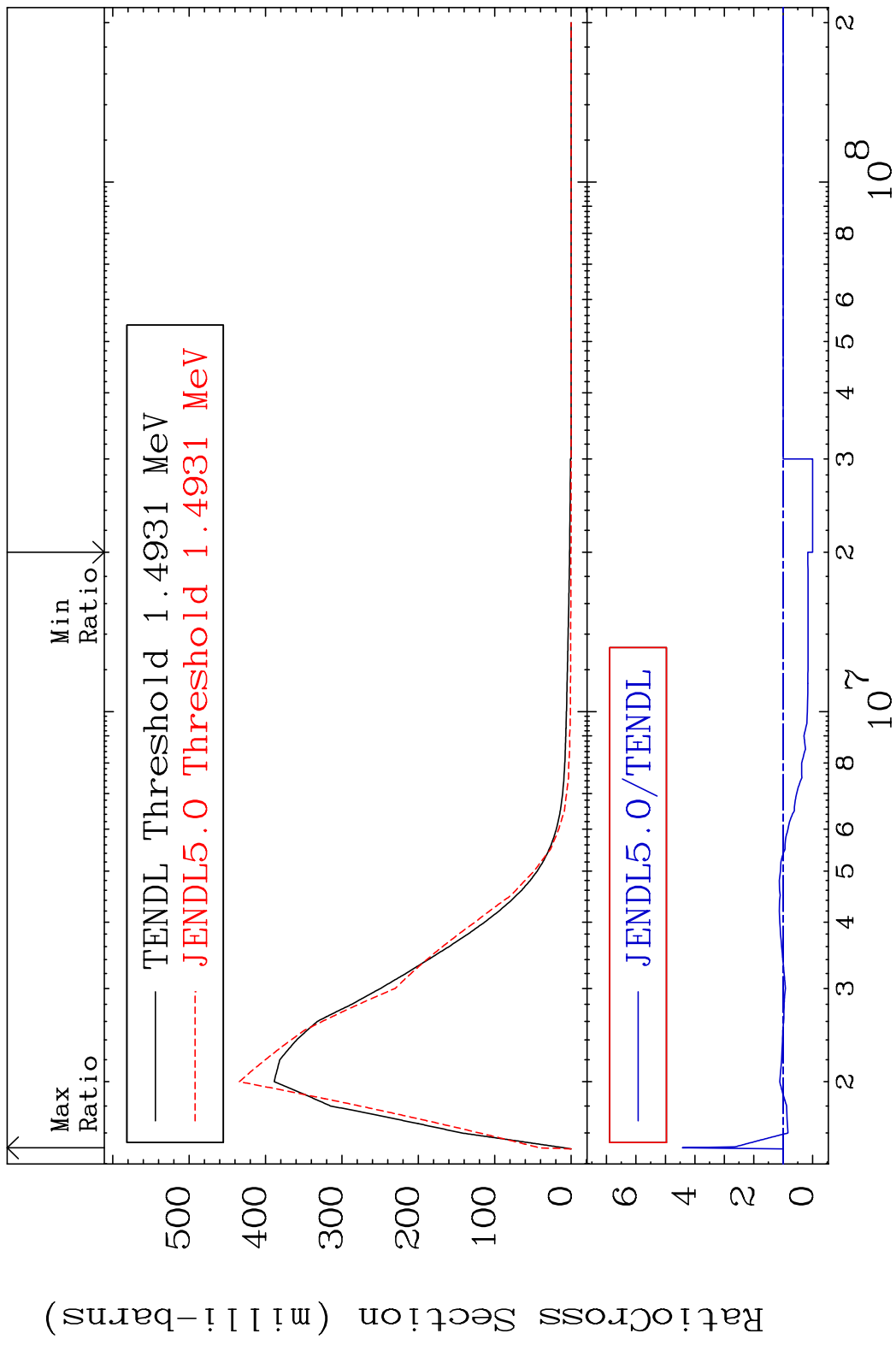
Incident Energy (eV)

36-Kr-82

MAT 3637 MT= 51 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 55.50 %

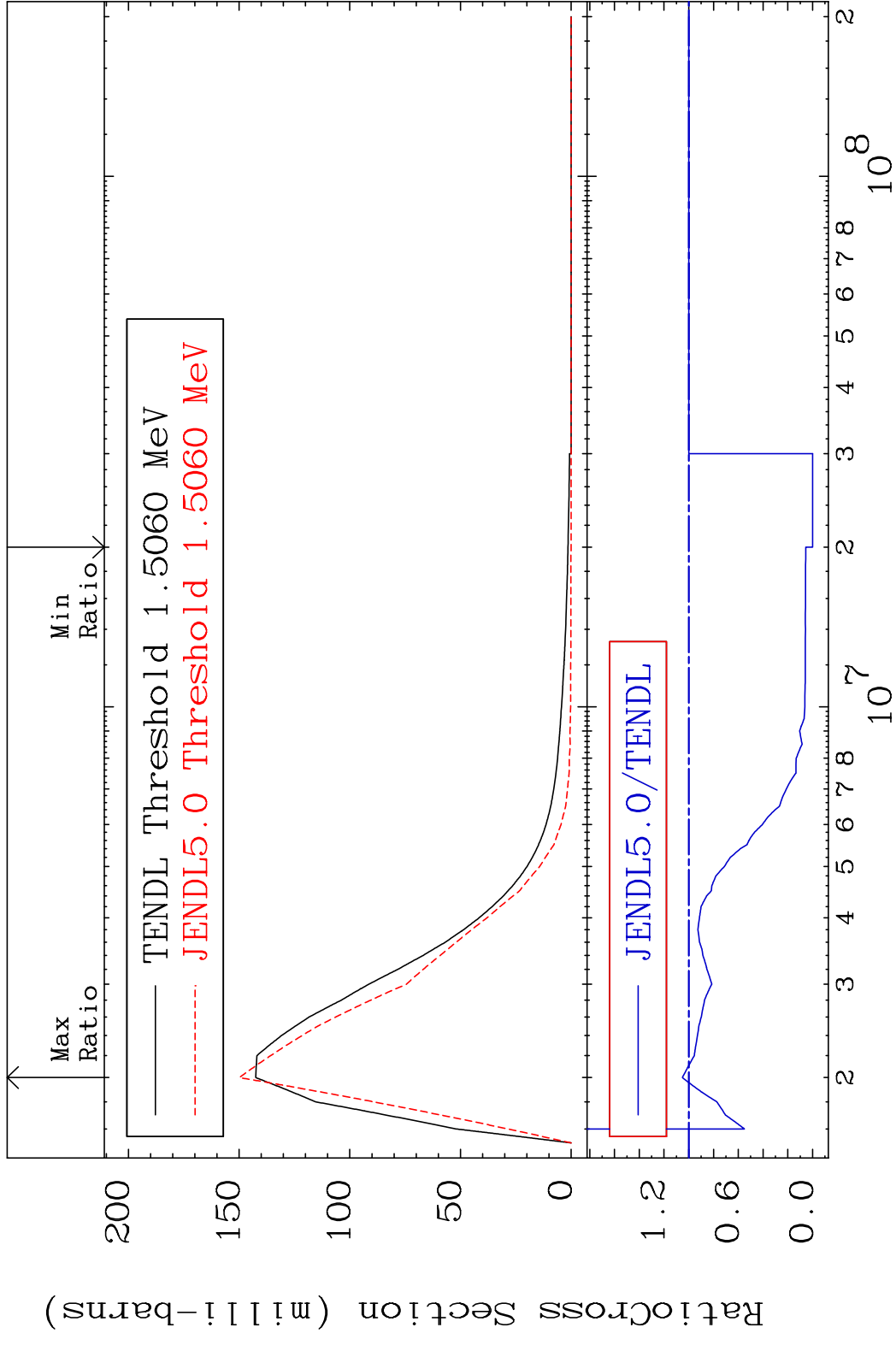


MAT 3637 MT= 52 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 342.4 %

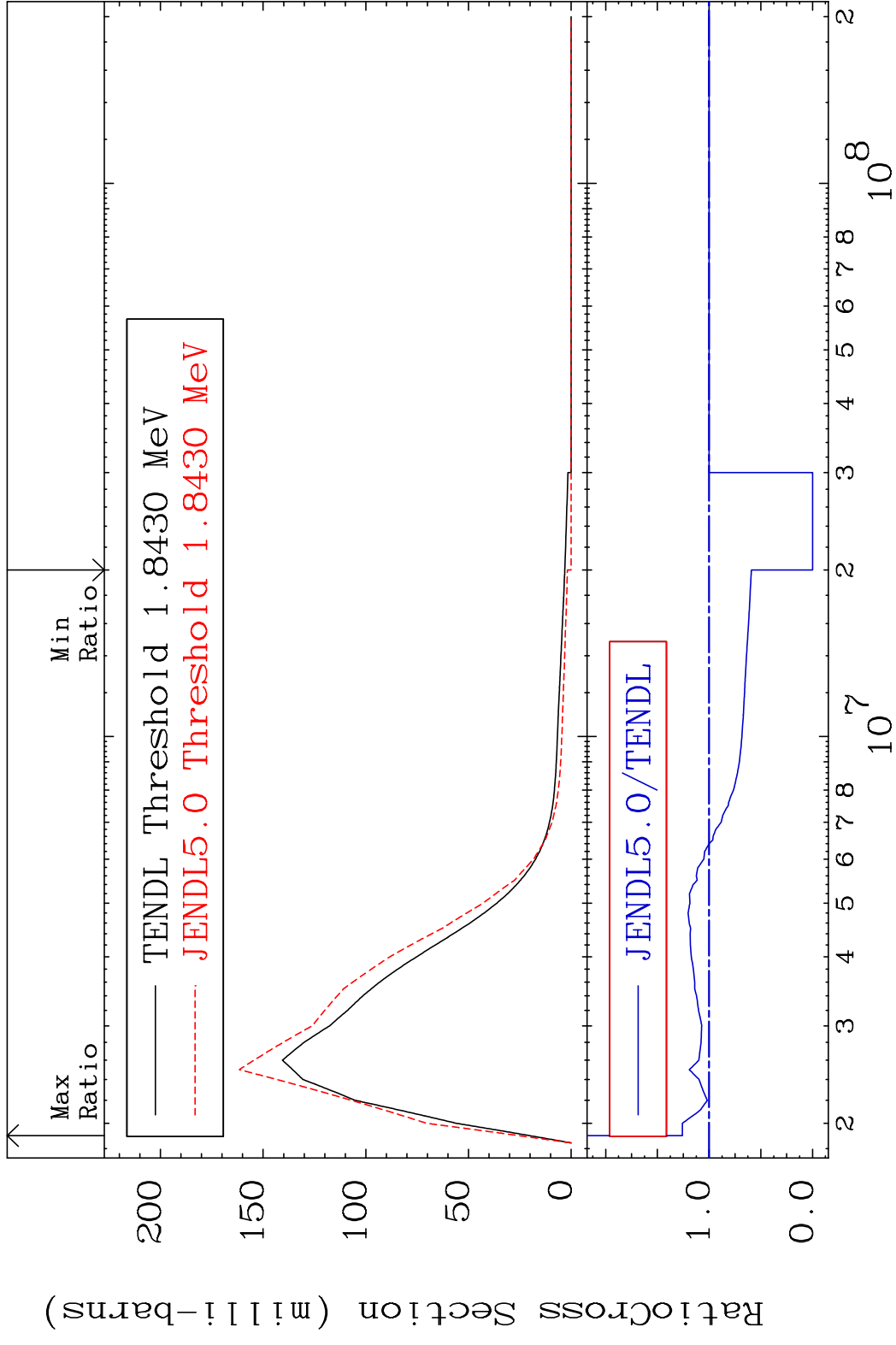


10 100 1000 10000 100000 1000000 10000000 100000000 36-Kr-82

MAT 3637 MT= 53 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 5.190 %

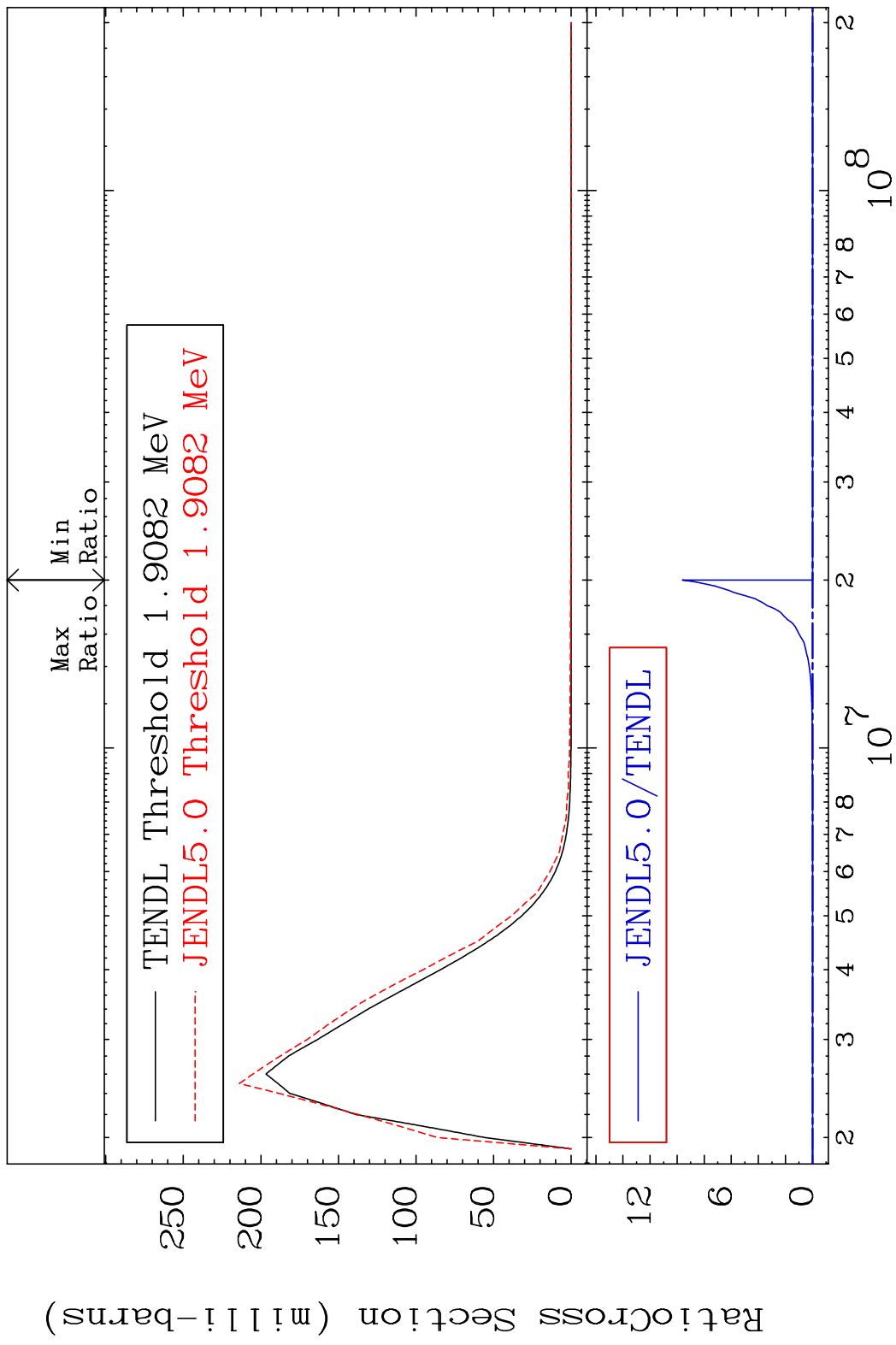


MAT 3637 MT= 54 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 25.88 %



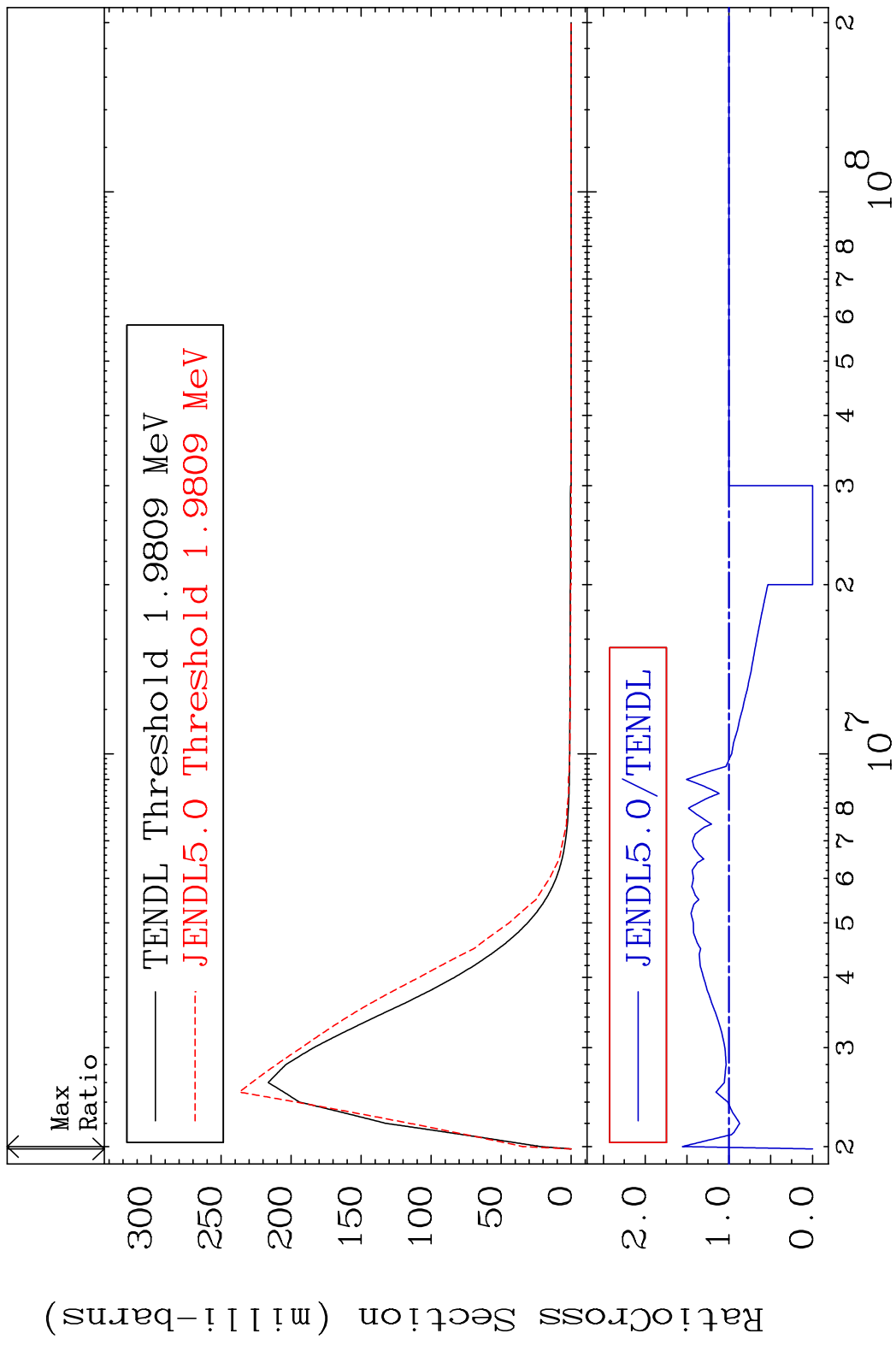
12 36-Kr-82

MAT 3637 MT= 55 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %

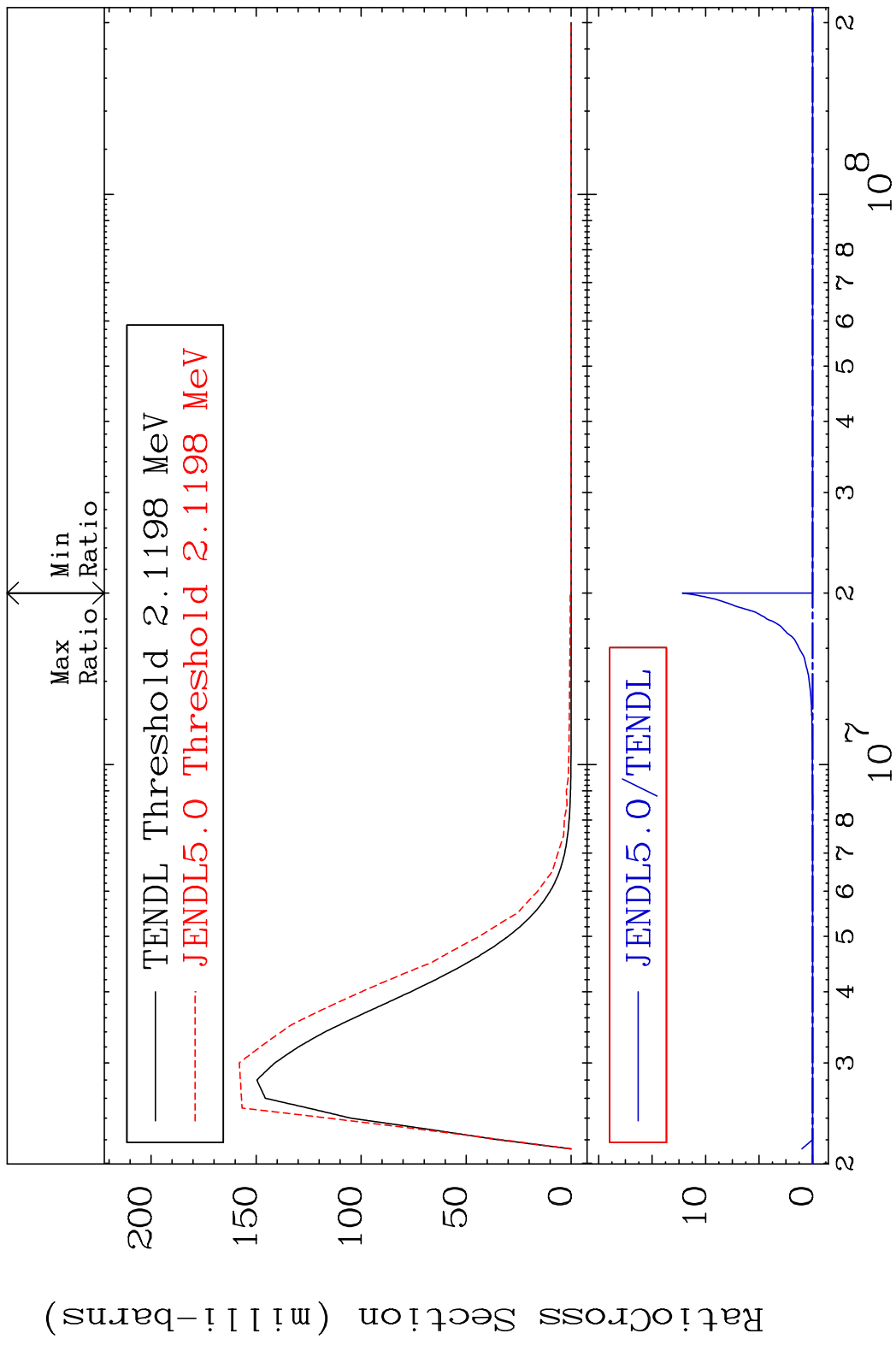


13 Incident Energy (eV) 36-Kr-82

MAT 3637 MT= 56 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 55.63 %

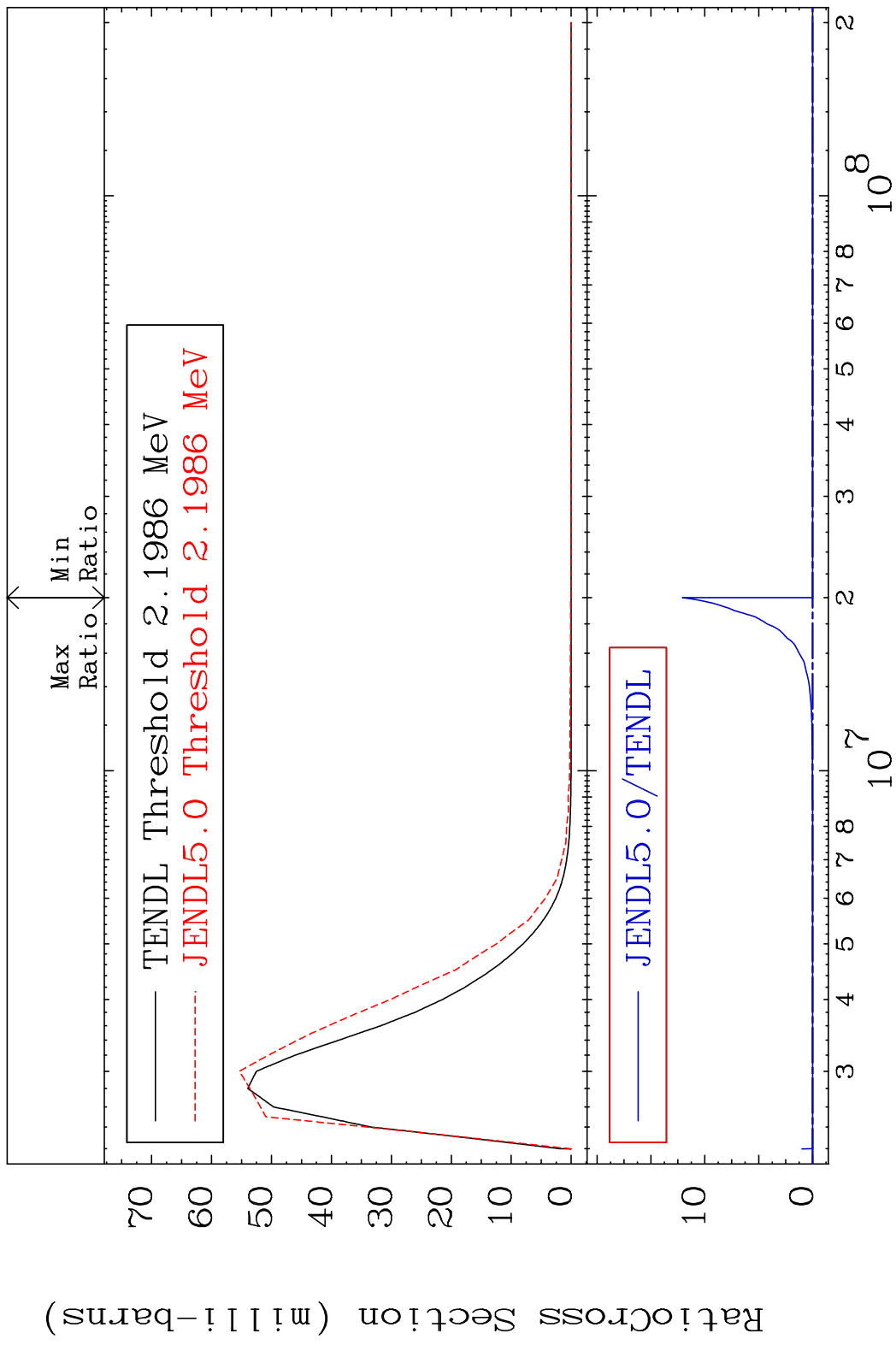


MAT 3637 MT= 57 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %



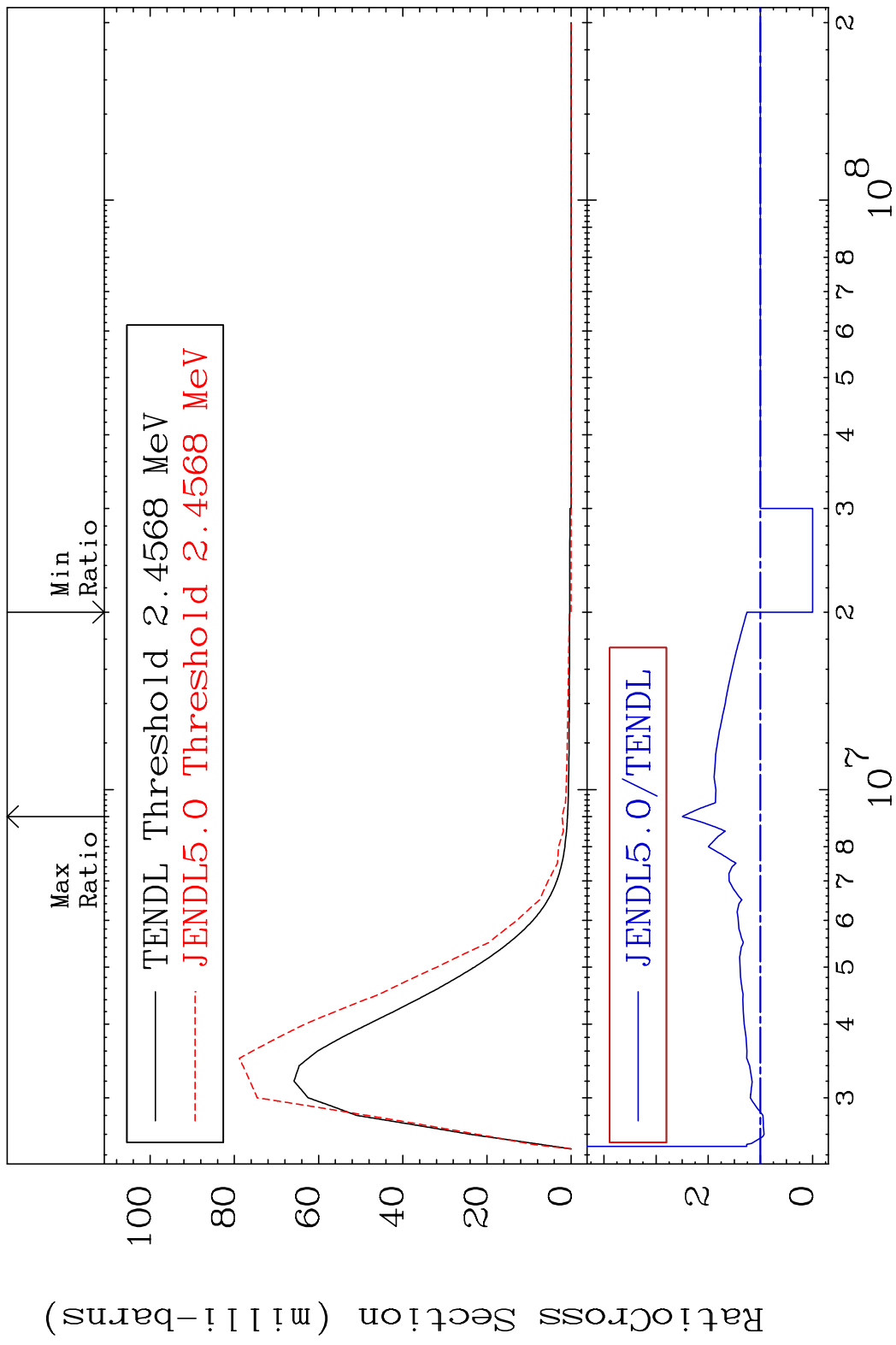
15 36-Kr-82

MAT 3637 MT= 58 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %



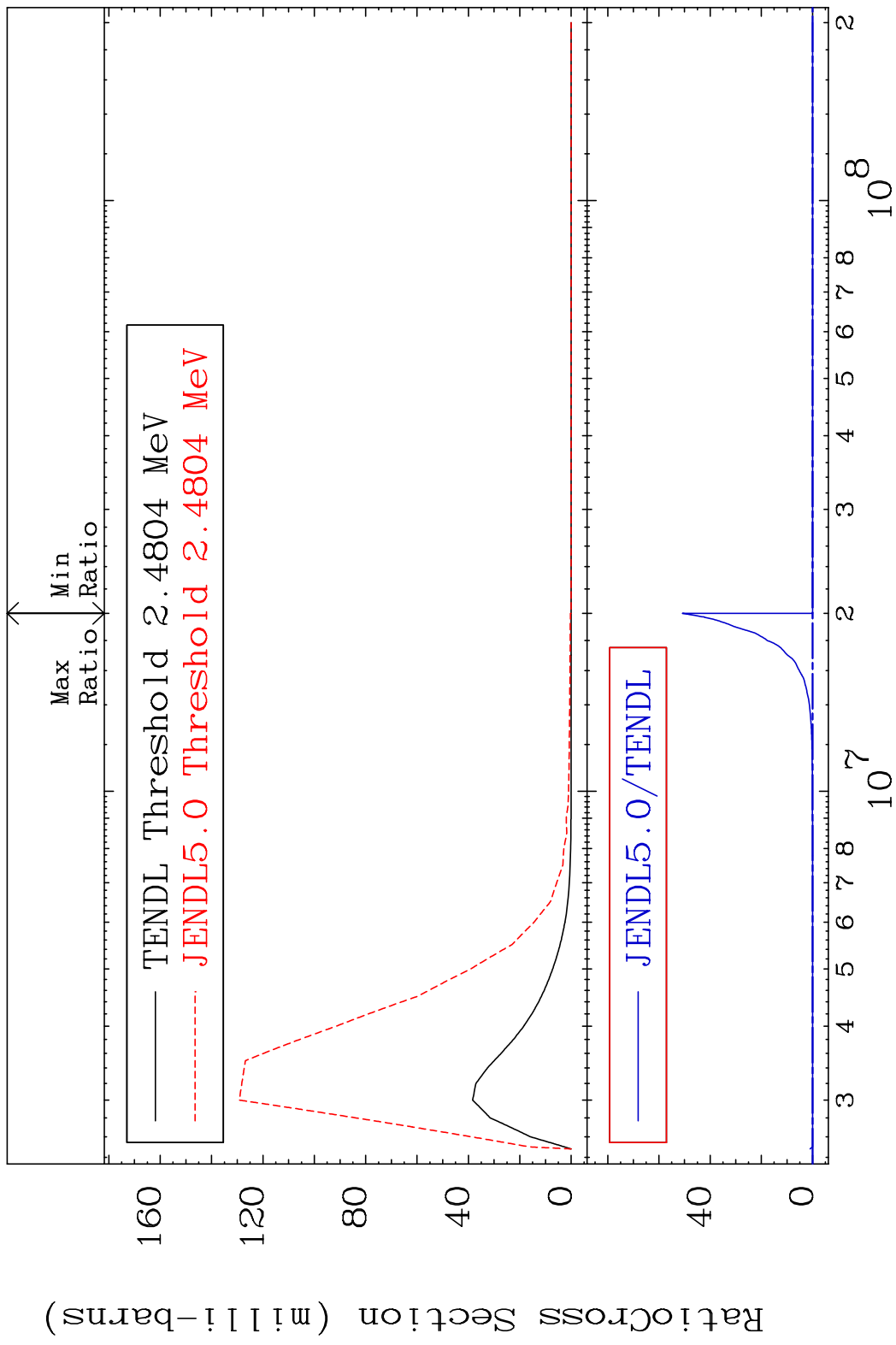
16 Incident Energy (eV) 36-Kr-82

MAT 3637 MT= 59 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 149.6 %

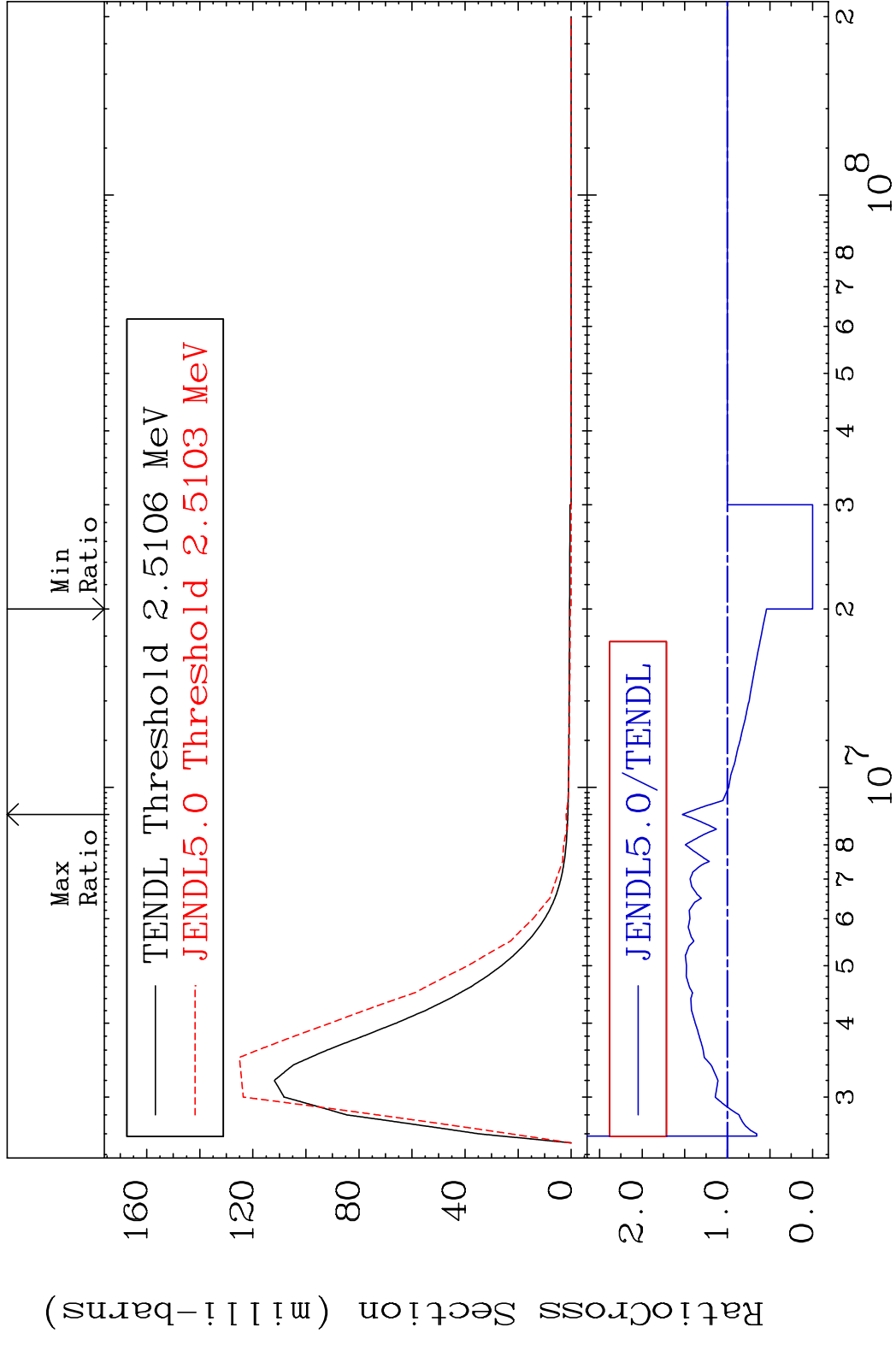


17 36-Kr-82

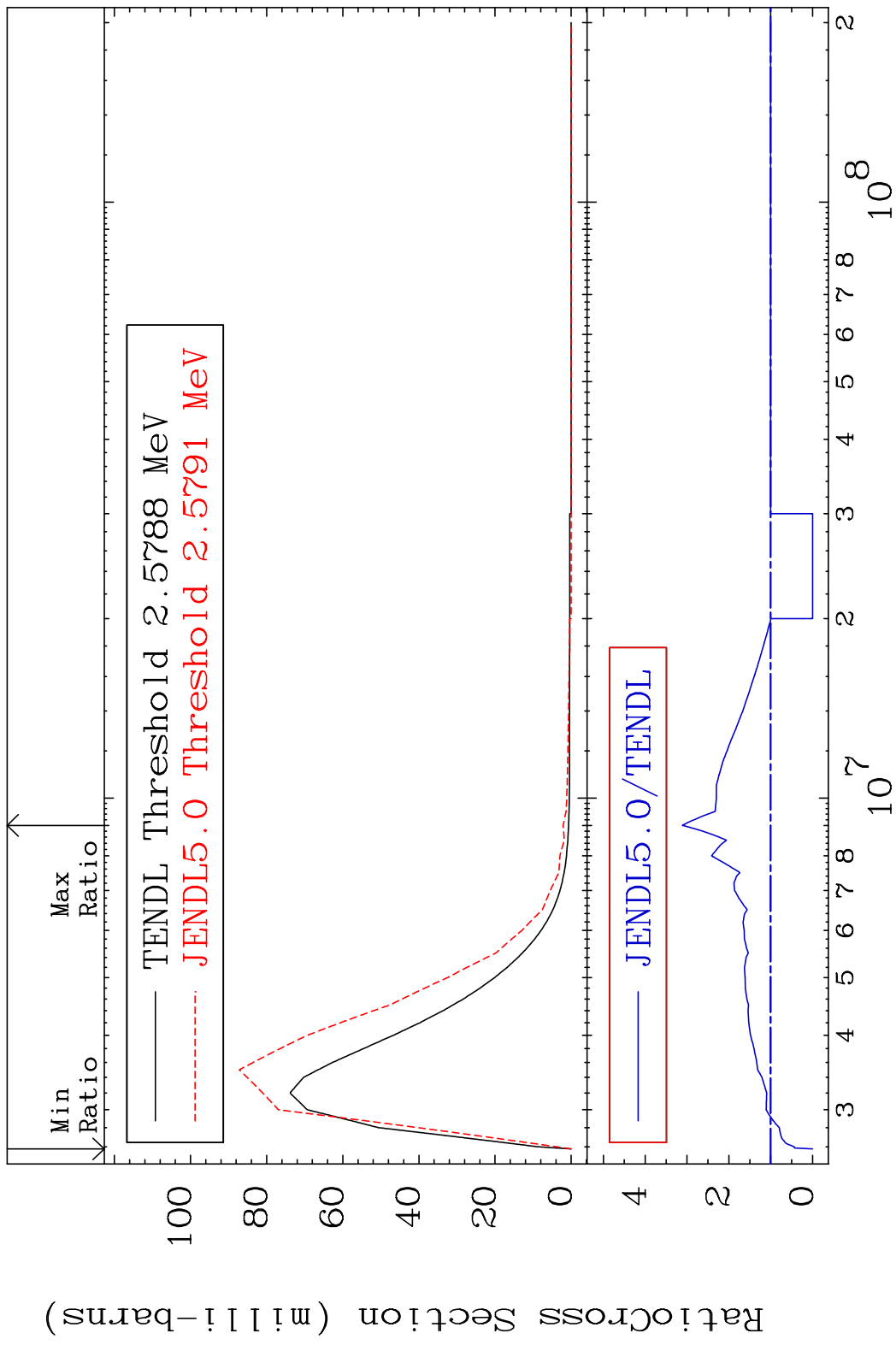
MAT 3637 MT= 60 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %



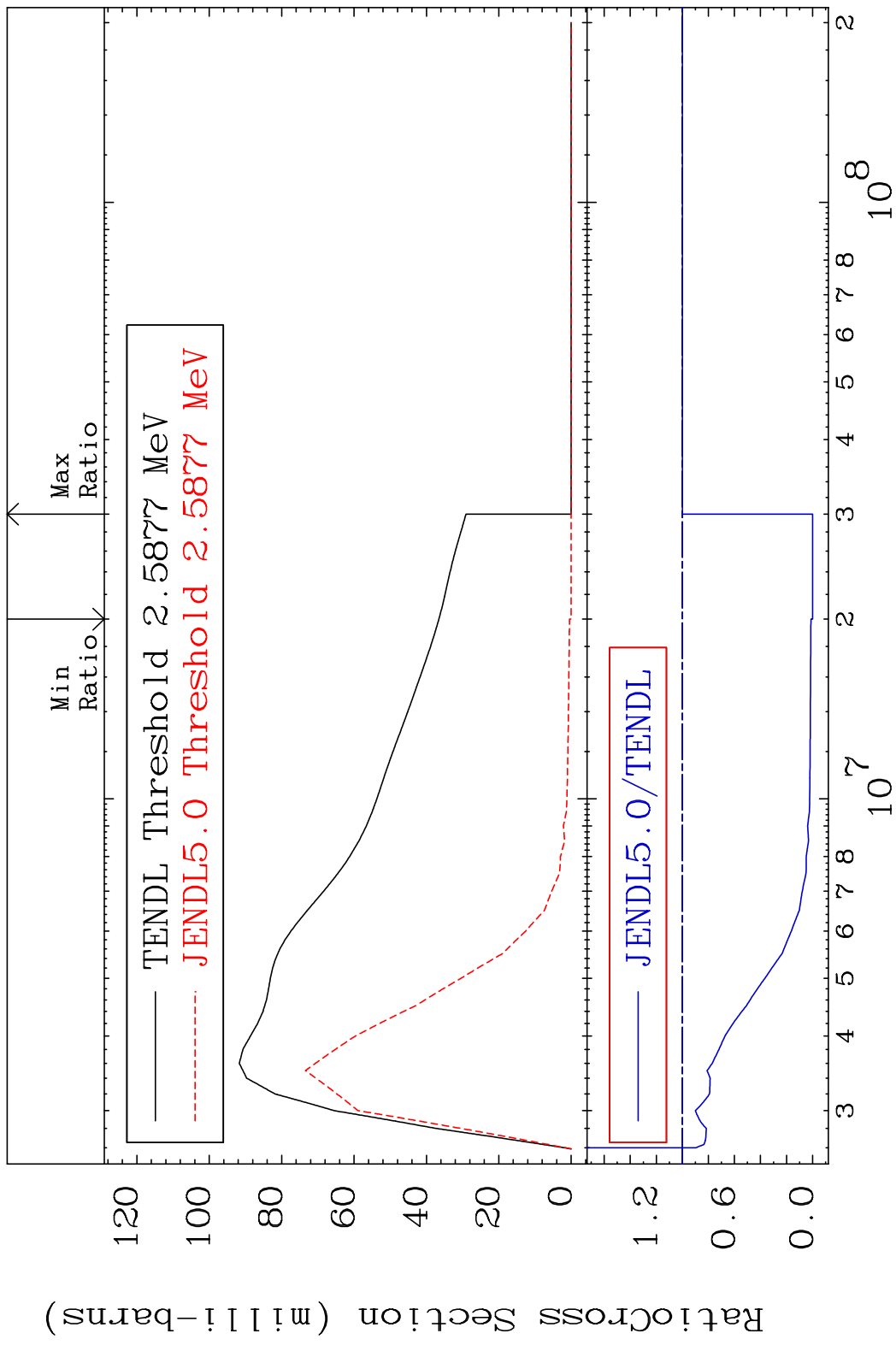
MAT 3637 MT= 61 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 52.81 %



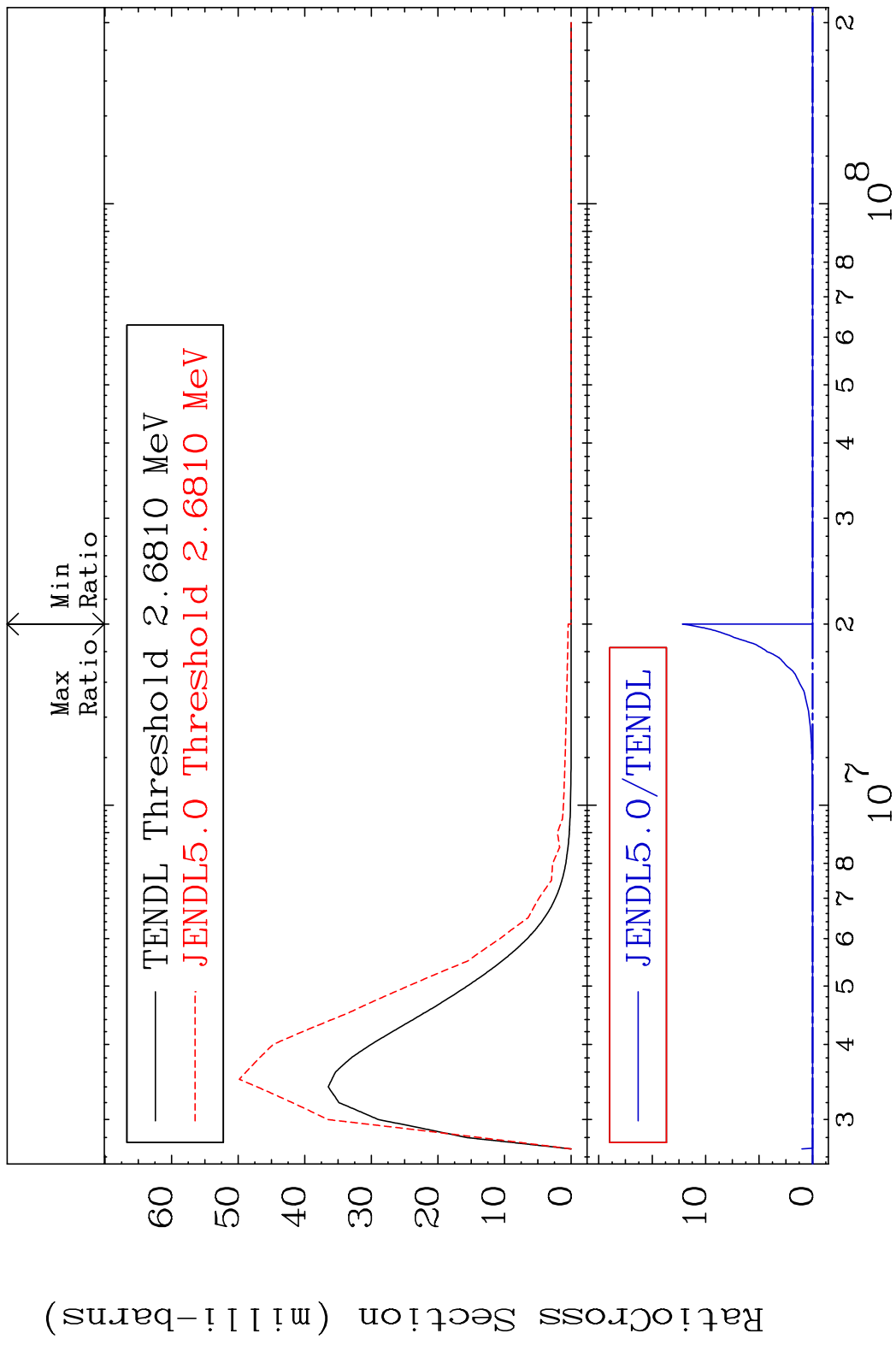
MAT 3637 MT= 62 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 211.3 %



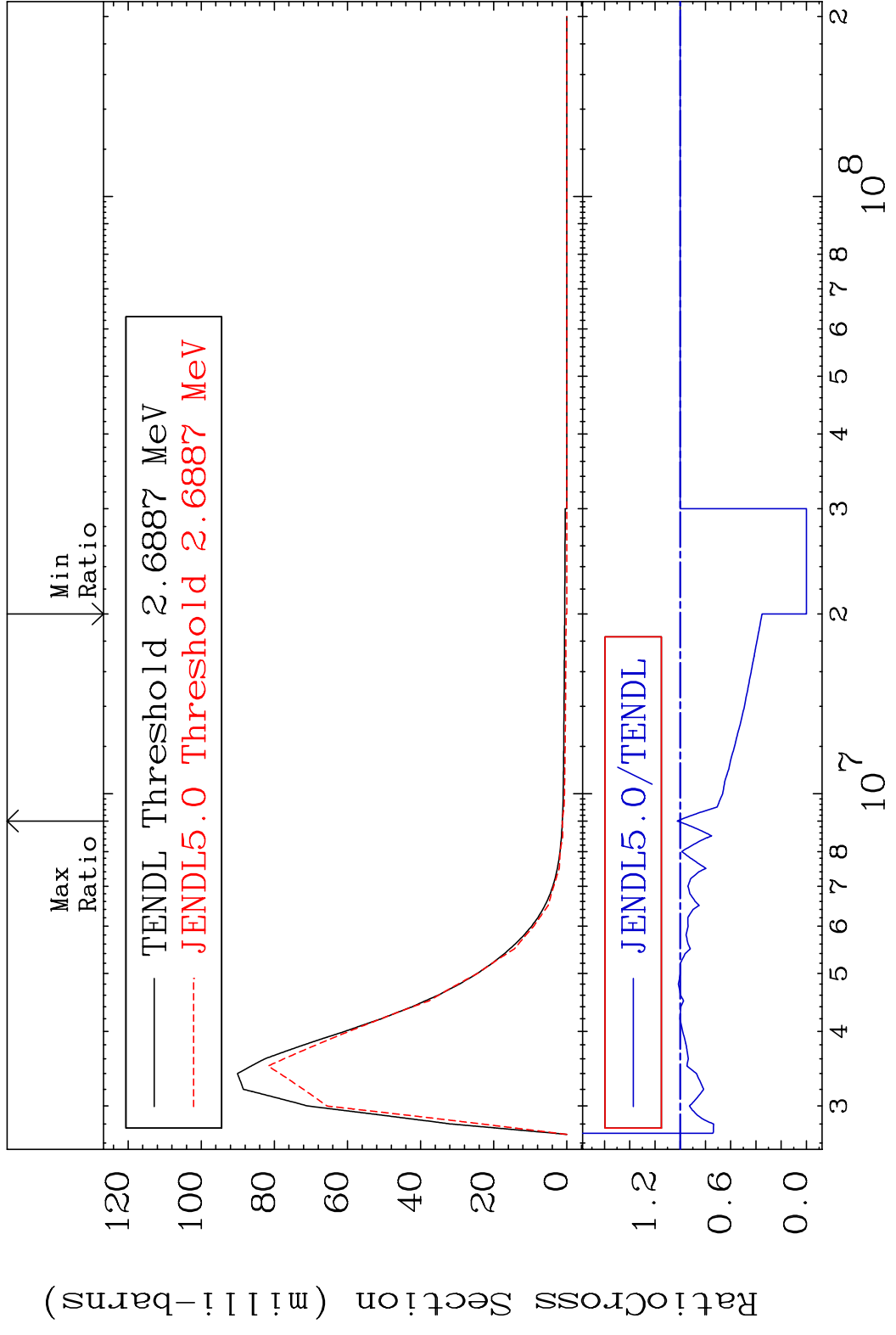
MAT 3637 MT= 63 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 0.000 %



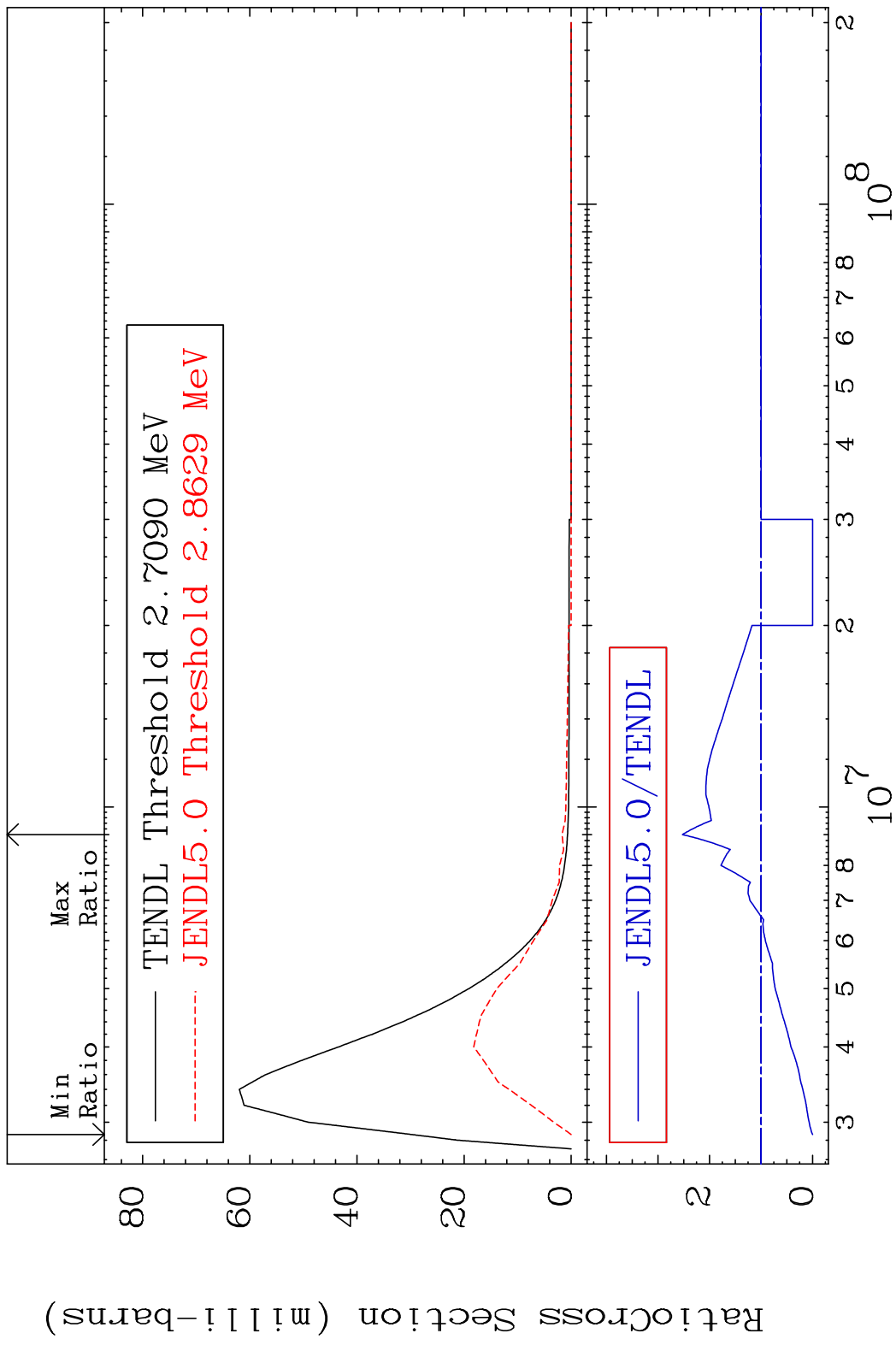
MAT 3637 MT= 64 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %



MAT 3637 MT= 65 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 2.380 %



MAT 3637 MT= 66 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 152.7 %

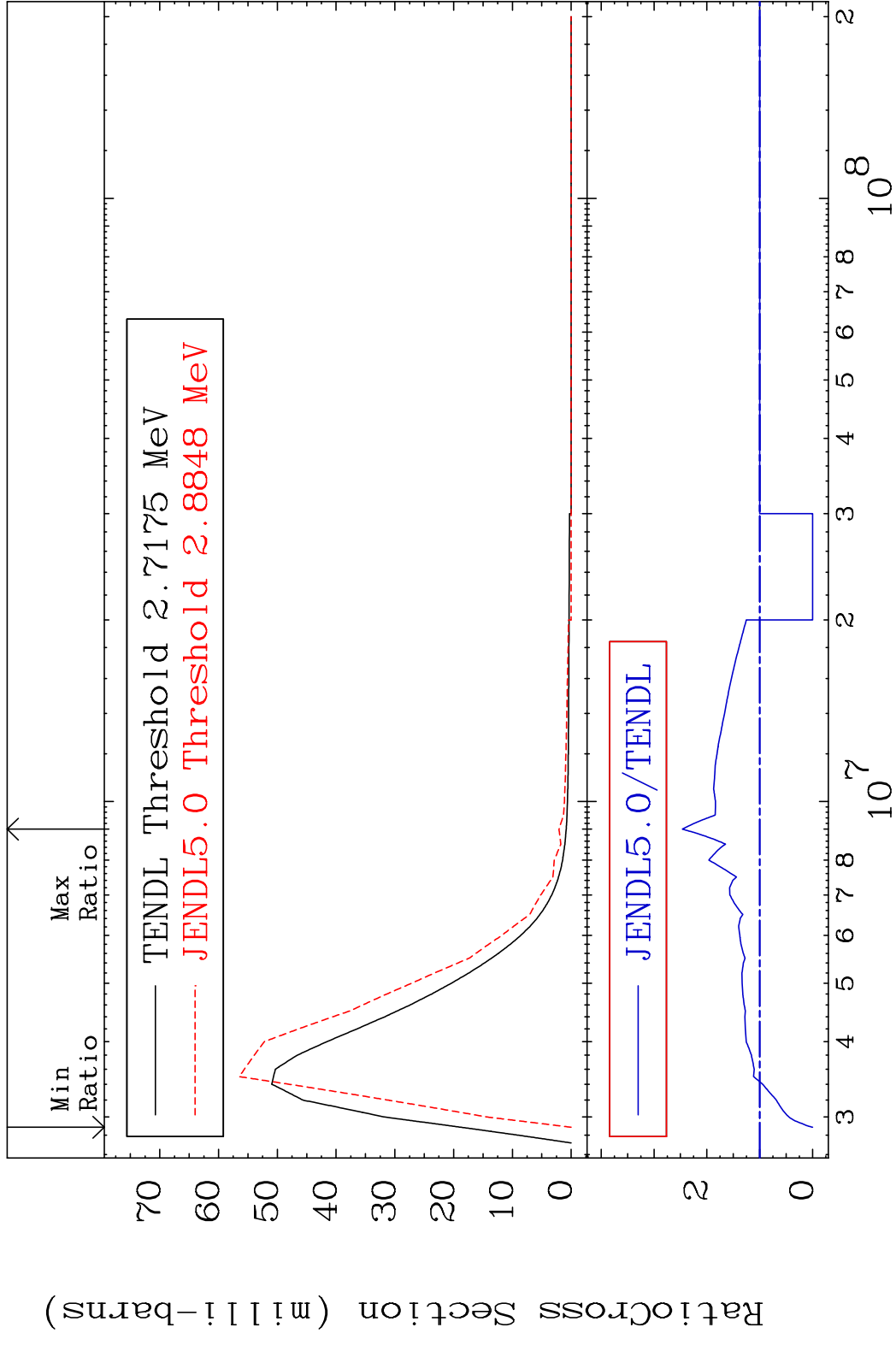


MAT 3637

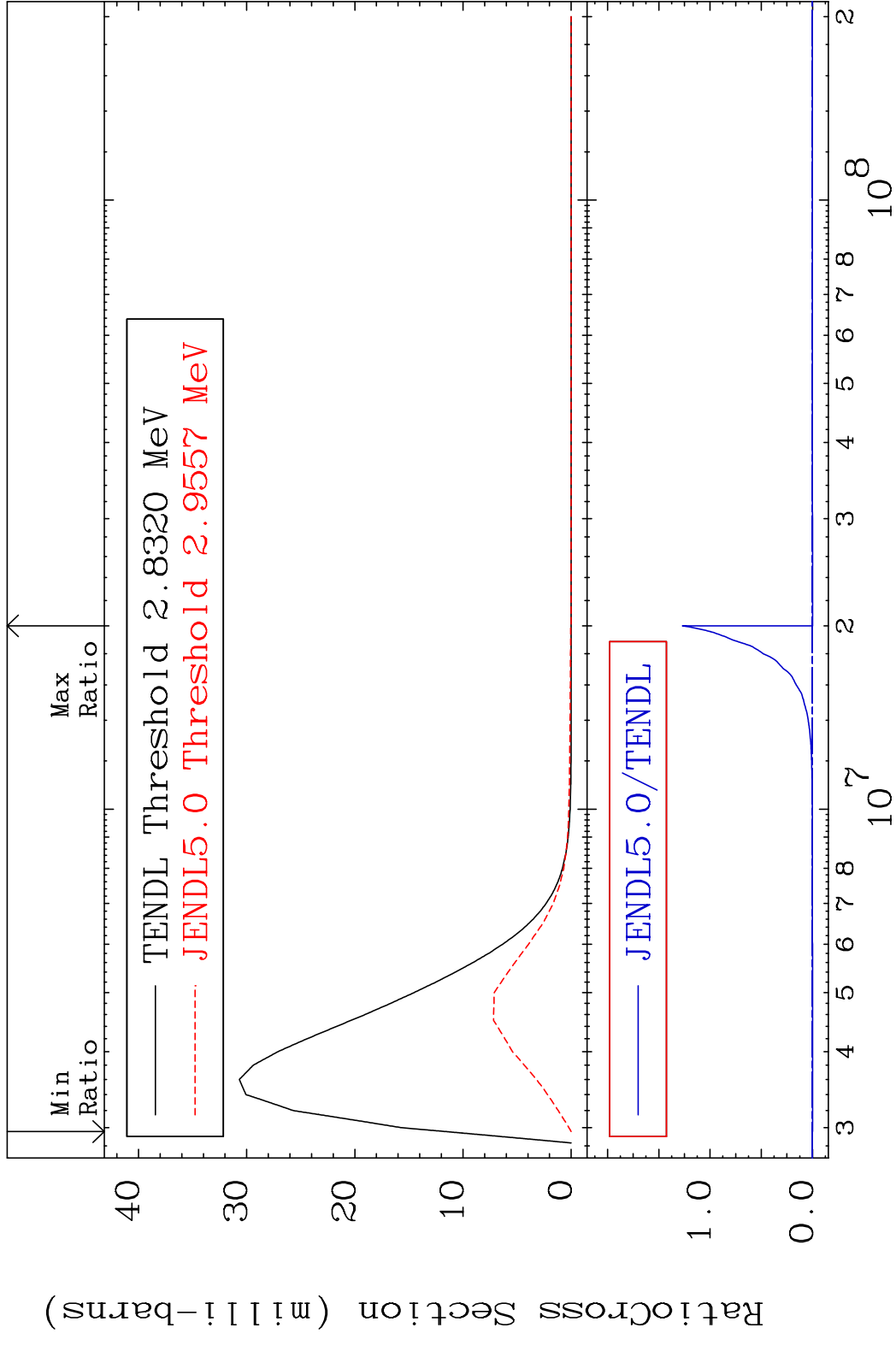
MT= 67 (n, n') Level

36-Kr-82

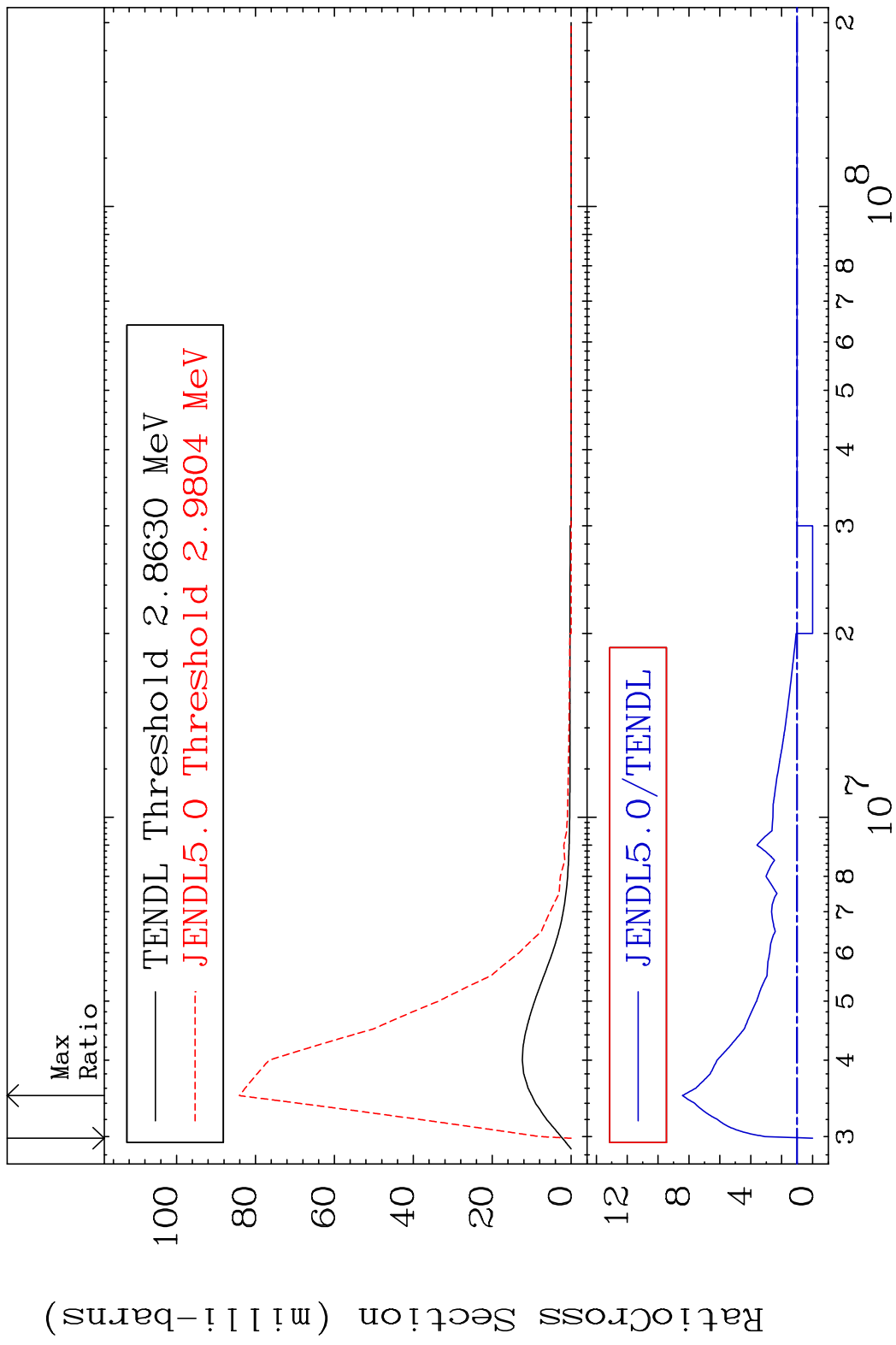
Cross Section -100.0 To 146.4 %



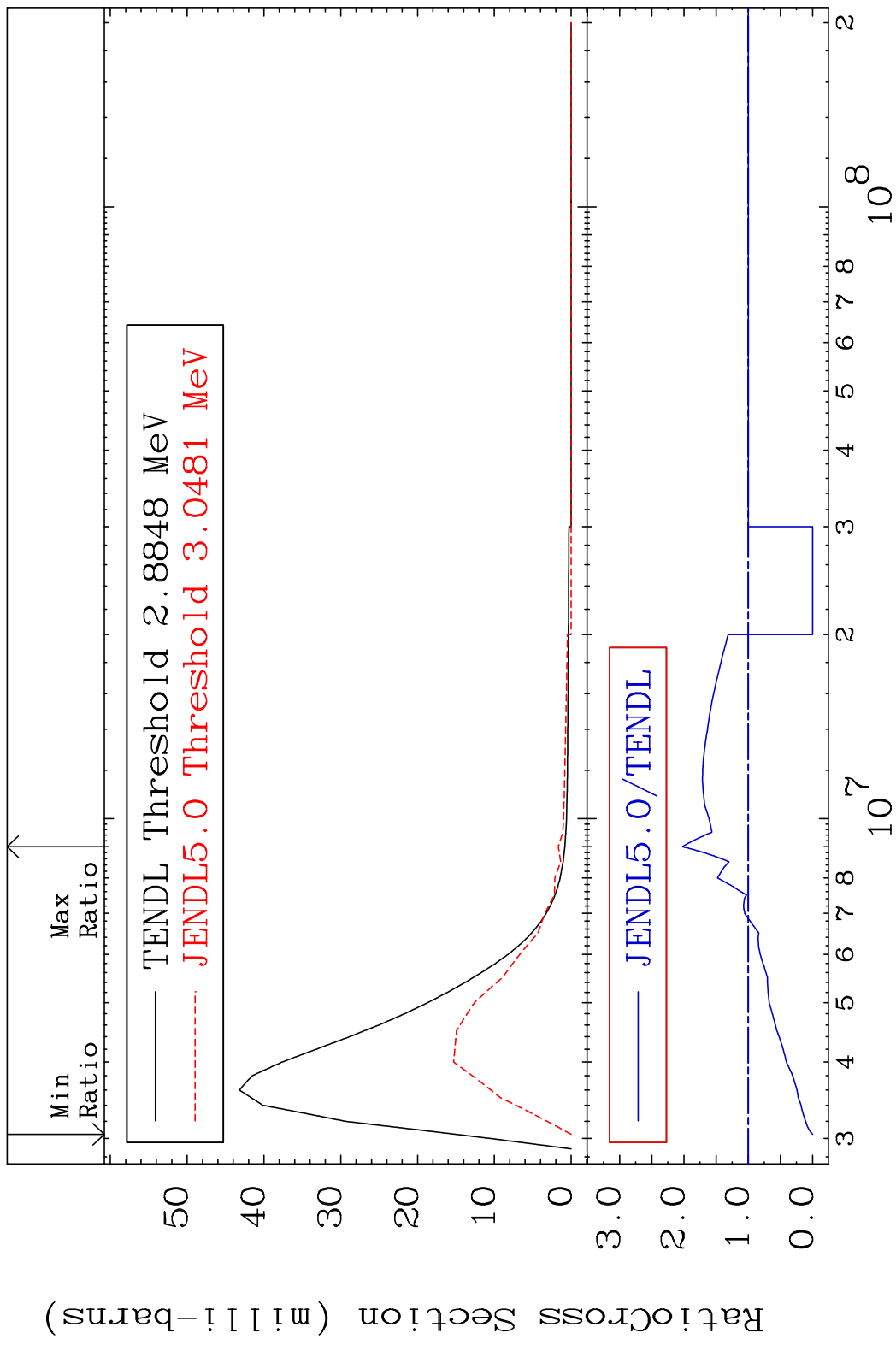
MAT 3637 MT= 68 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %



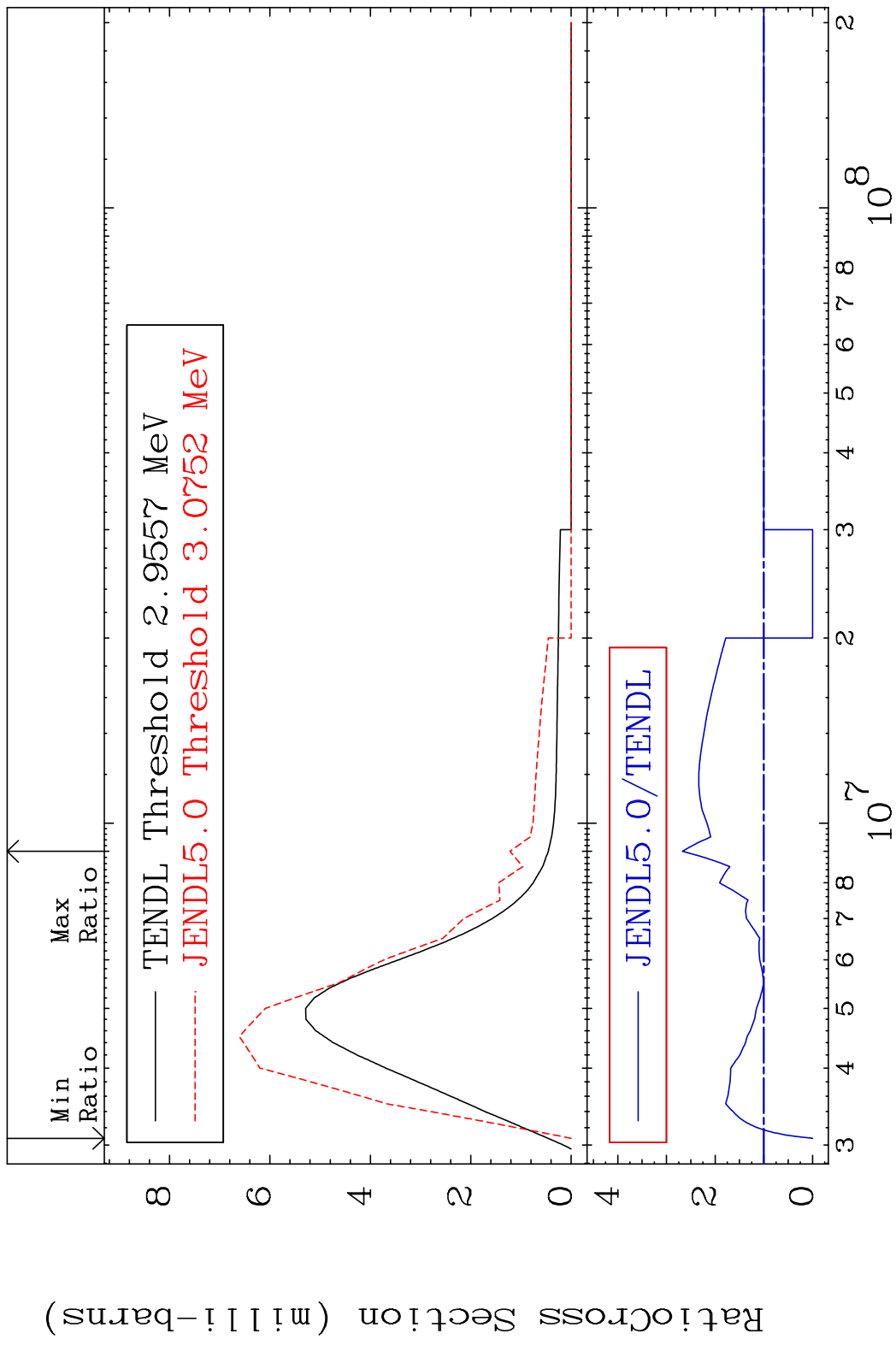
MAT 3637 MT= 69 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 743.0 %



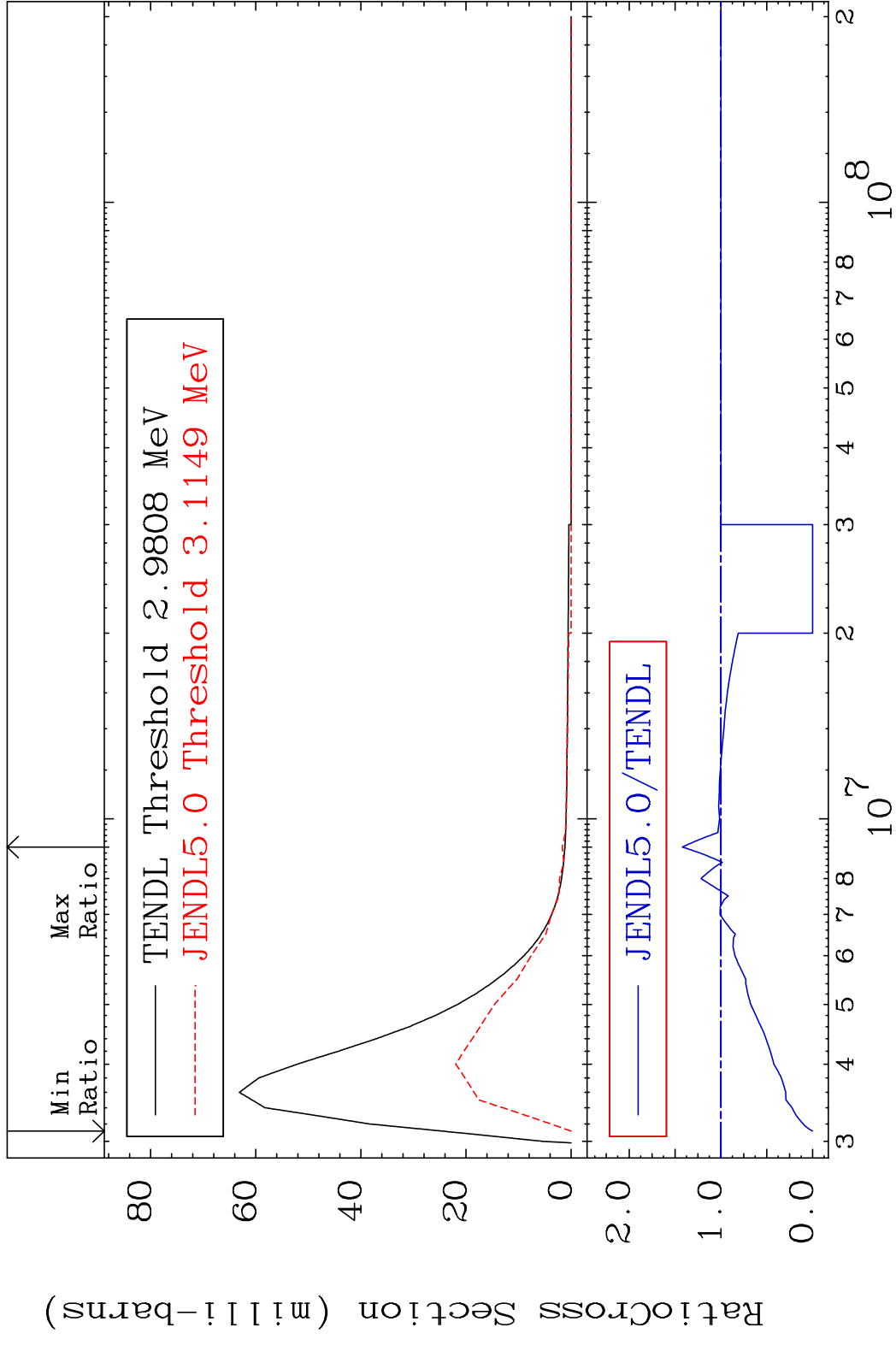
MAT 3637 MT= 70 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 102.4 %



MAT 3637 MT= 71 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 167.4 %

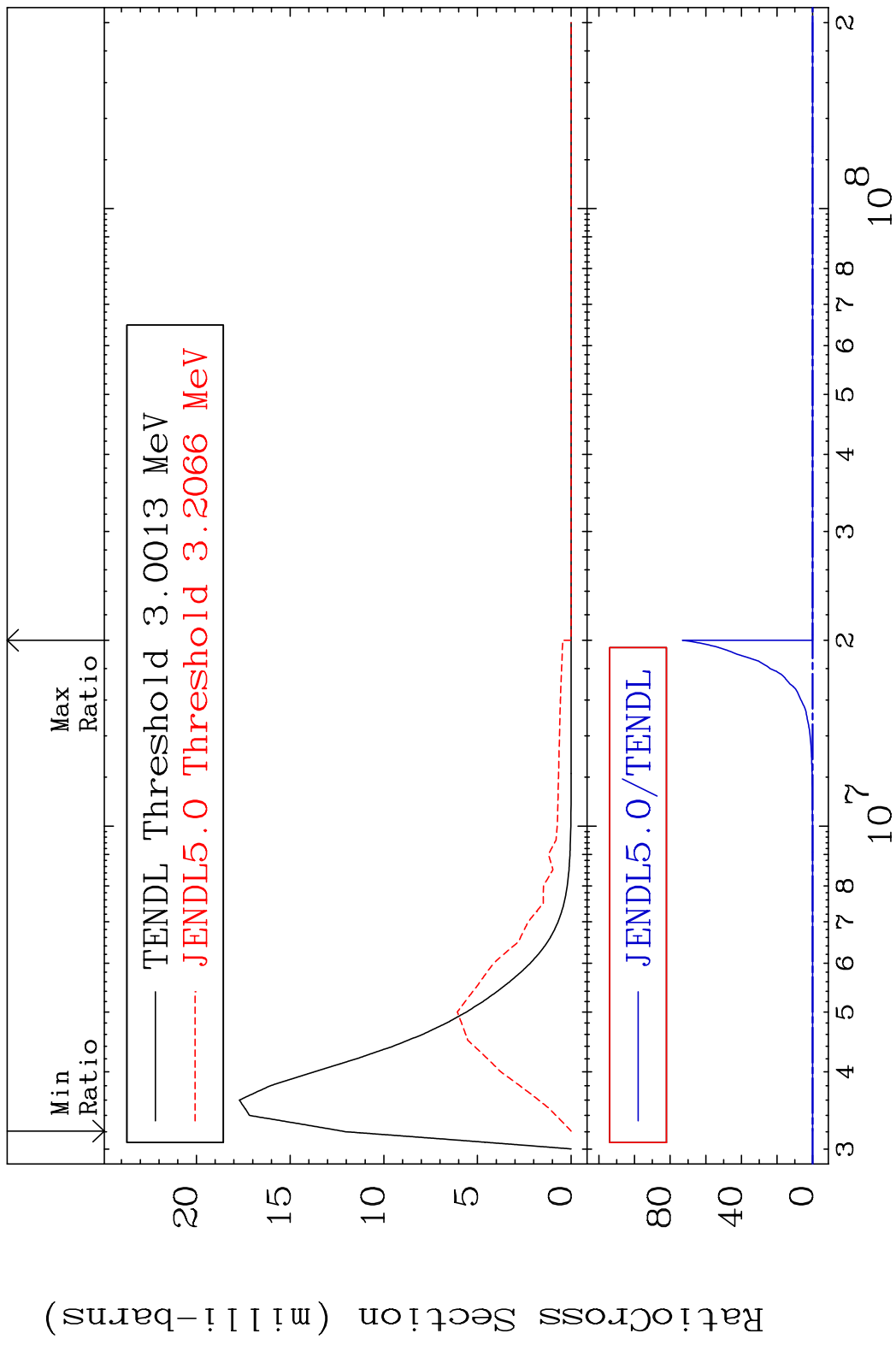


MAT 3637 MT= 72 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 42.00 %

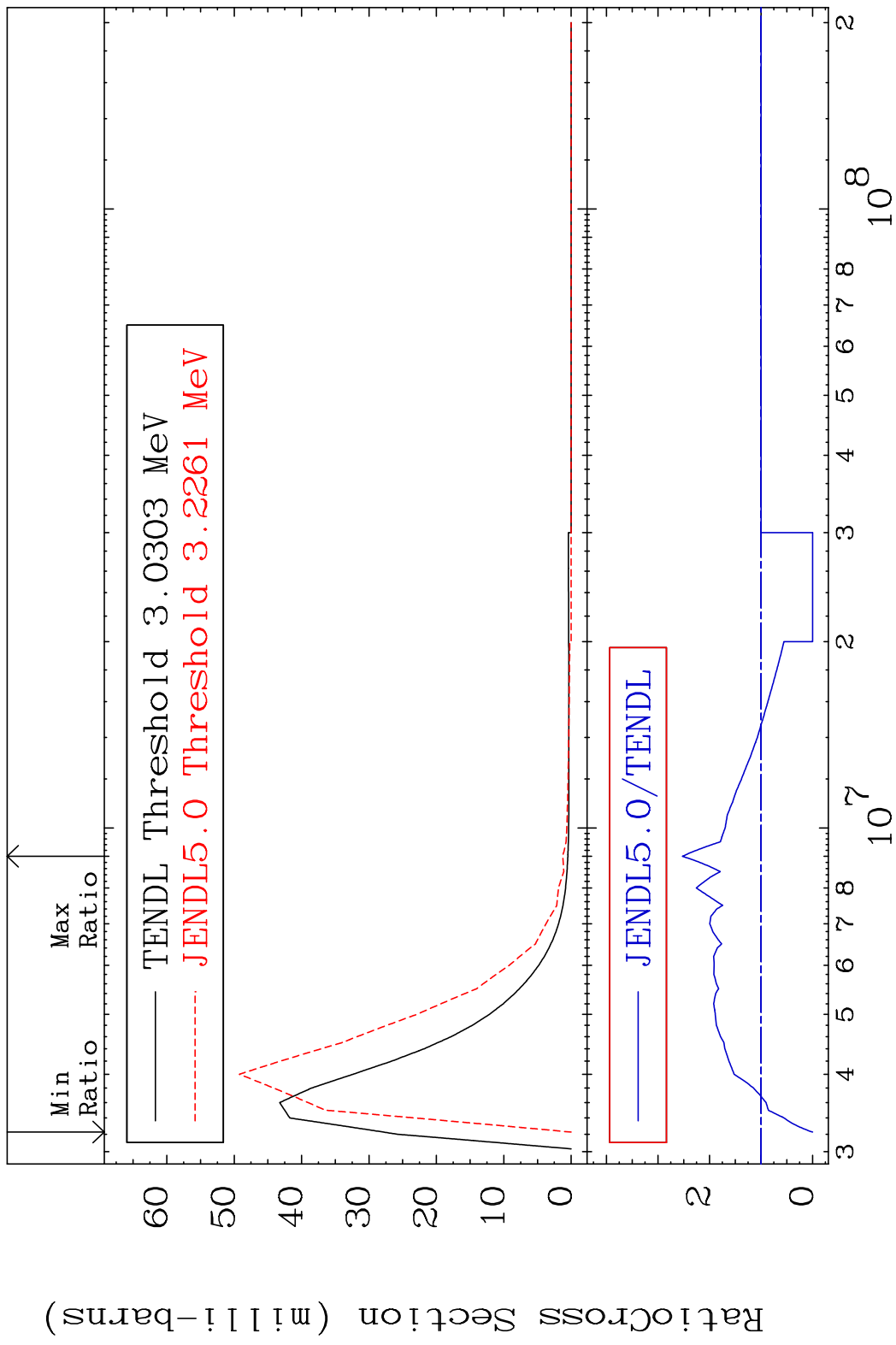


30 36-Kr-82

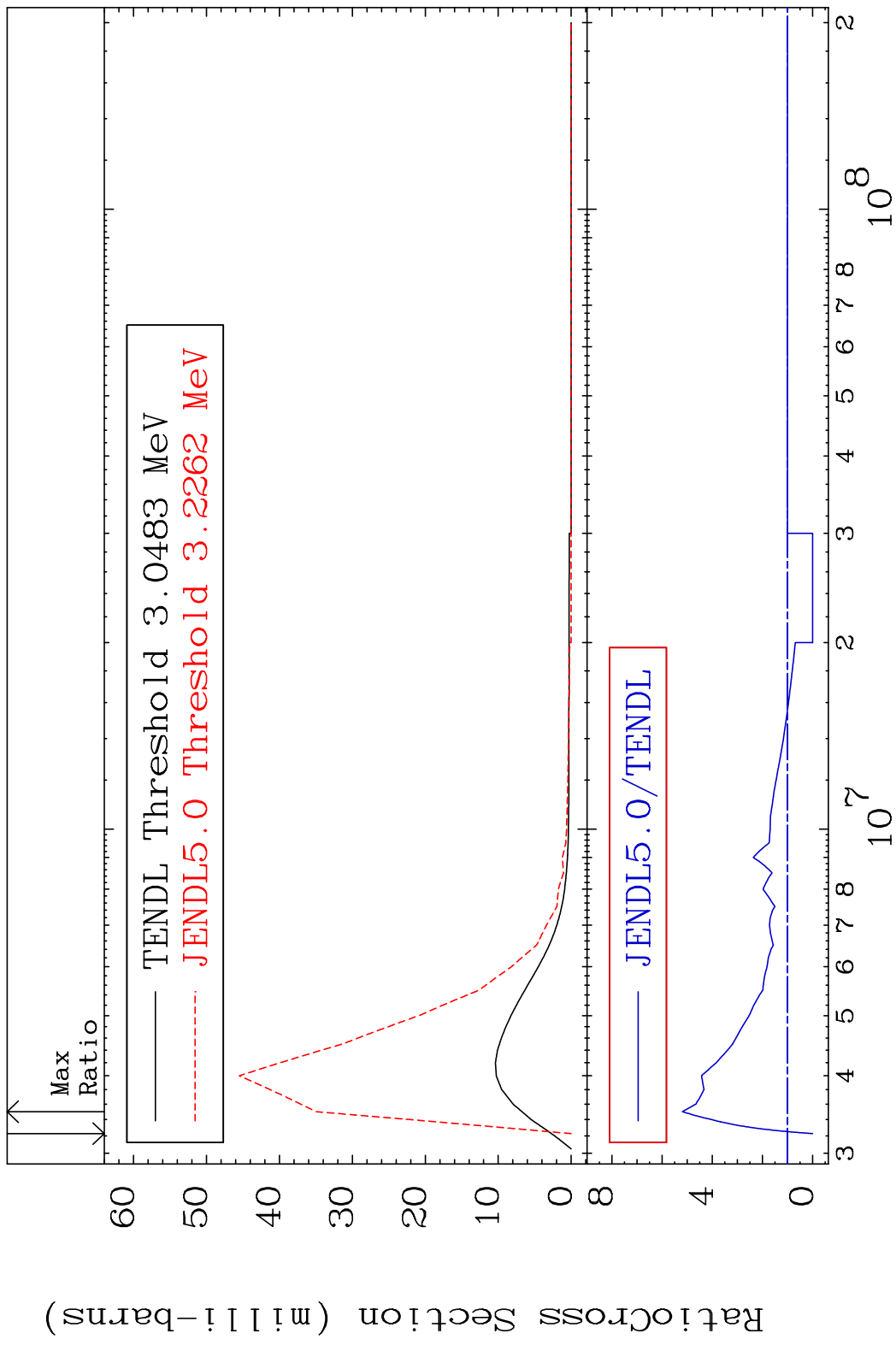
MAT 3637 MT= 73 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %



MAT 3637 MT= 74 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 152.6 %



MAT 3637 MT= 75 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 419.1 %

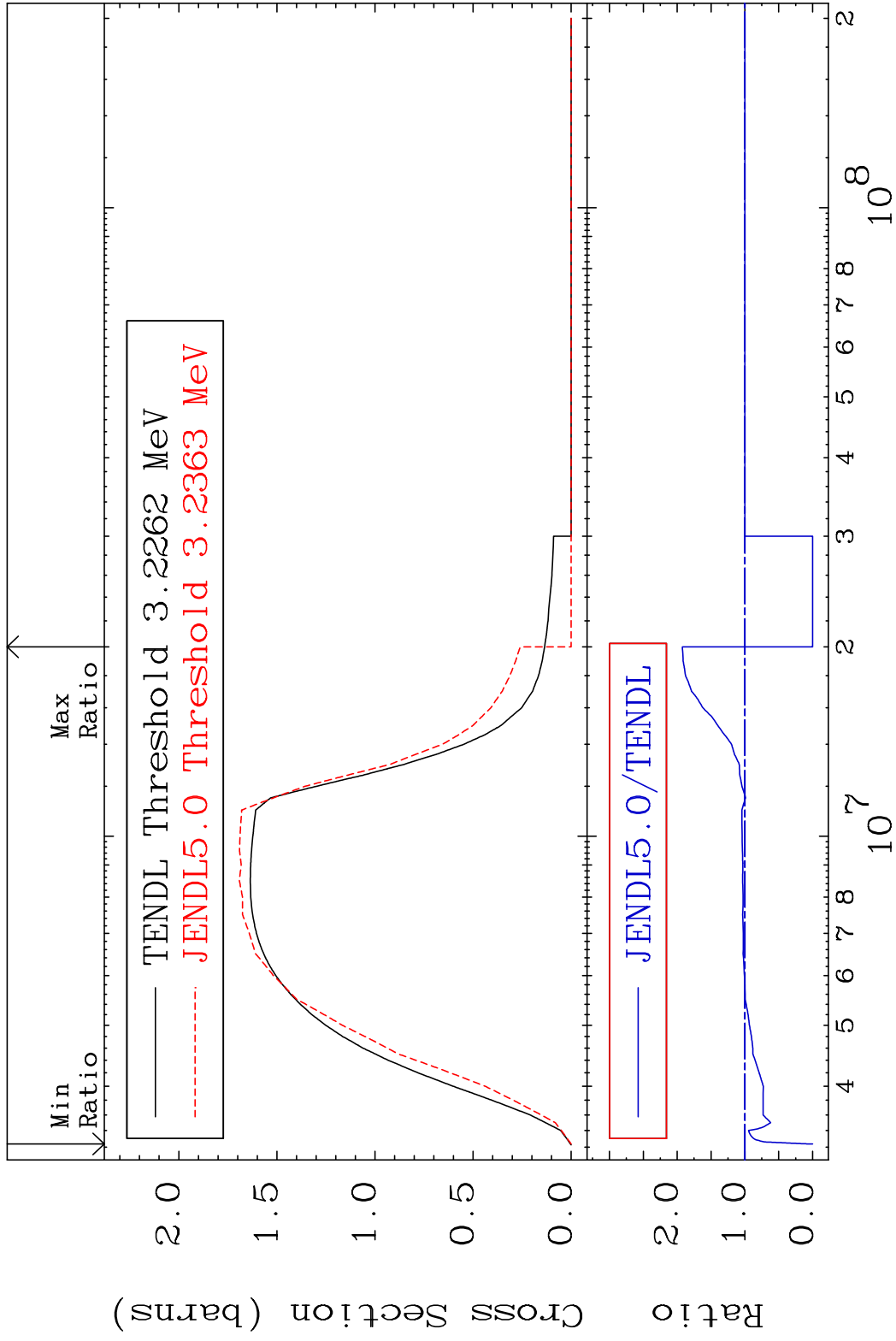


MAT 3637

(n, n') Continuum

36-Kr-82

Cross Section -100.0 To 92.33 %



34

Incident Energy (eV)

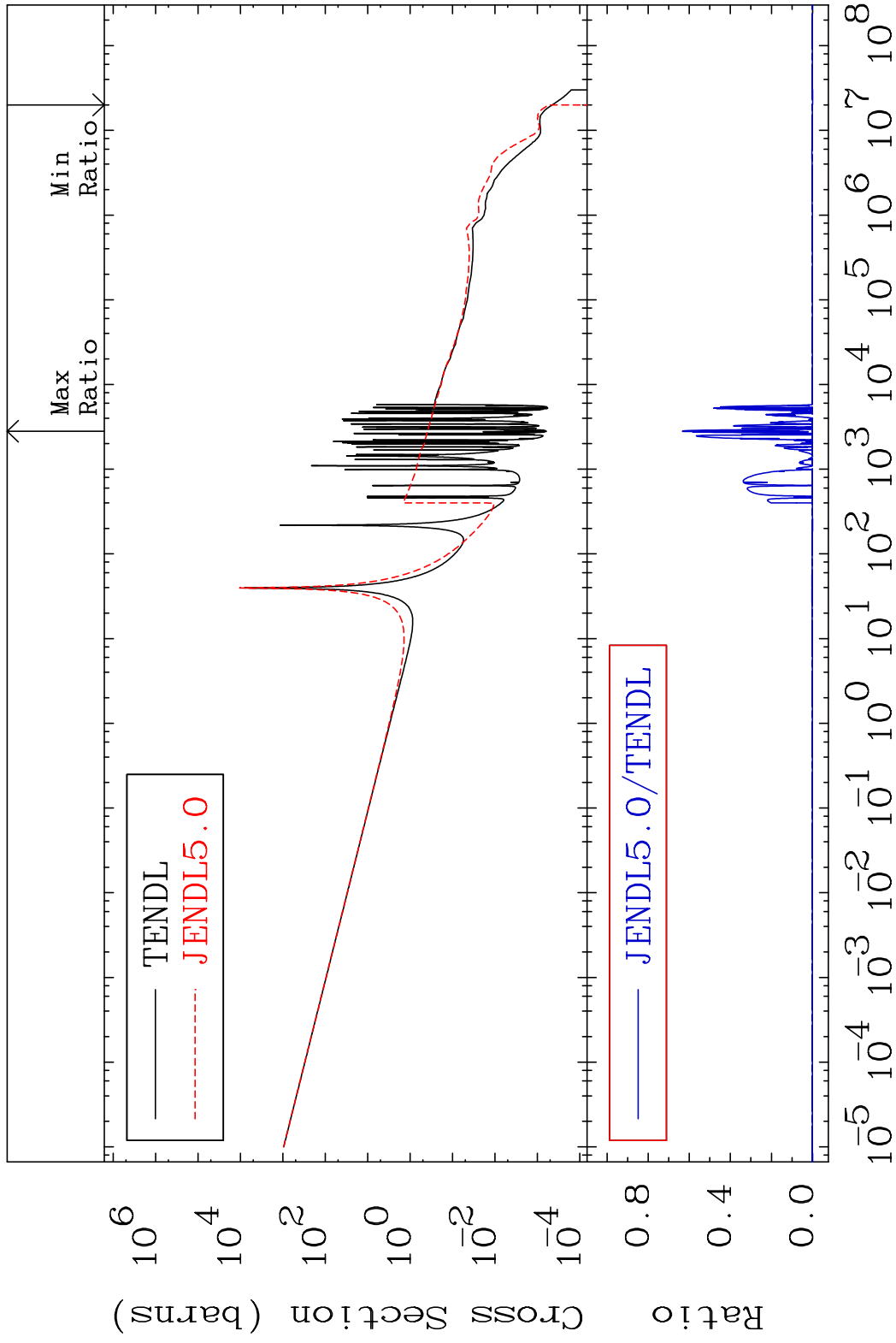
36-Kr-82

MAT 3637

(n, γ)

36-Kr-82

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

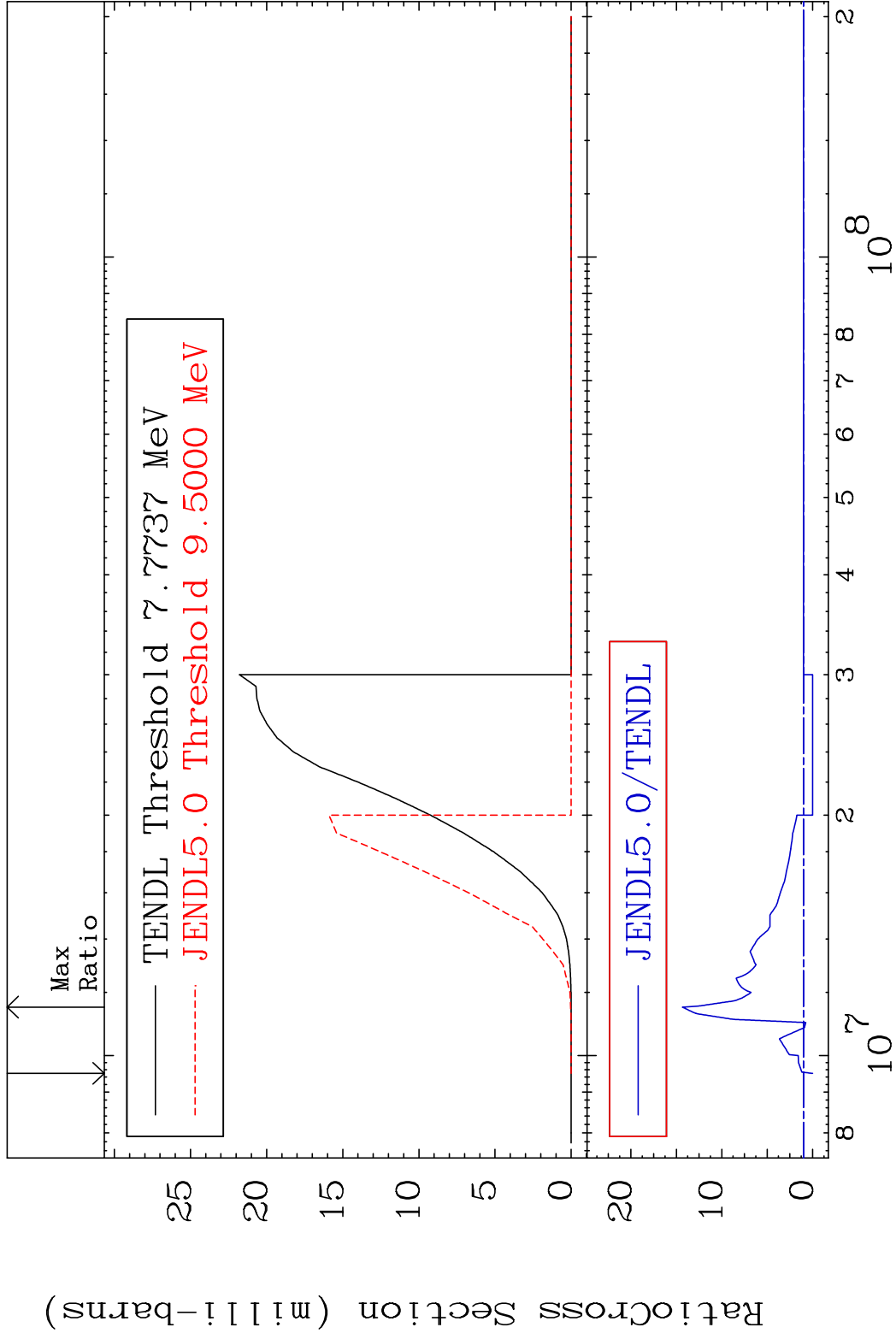
36-Kr-82

MAT 3637

(n,d)

36-Kr-82

Cross Section -100.0 To 1334. %

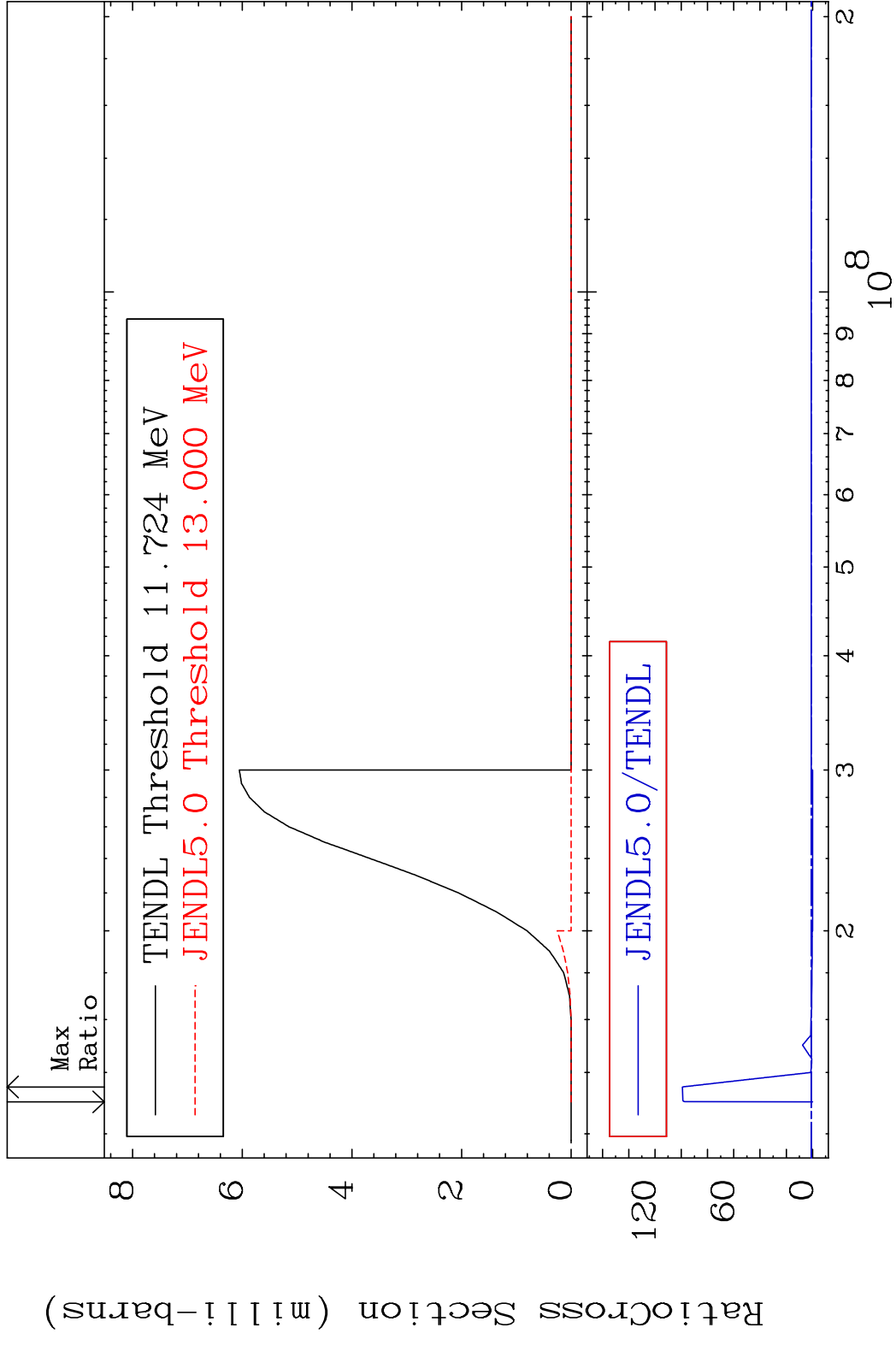


37

Incident Energy (eV)

36-Kr-82

MAT 3637 (n, t) 36-Kr-82
 Cross Section -100.0 To 9816. %

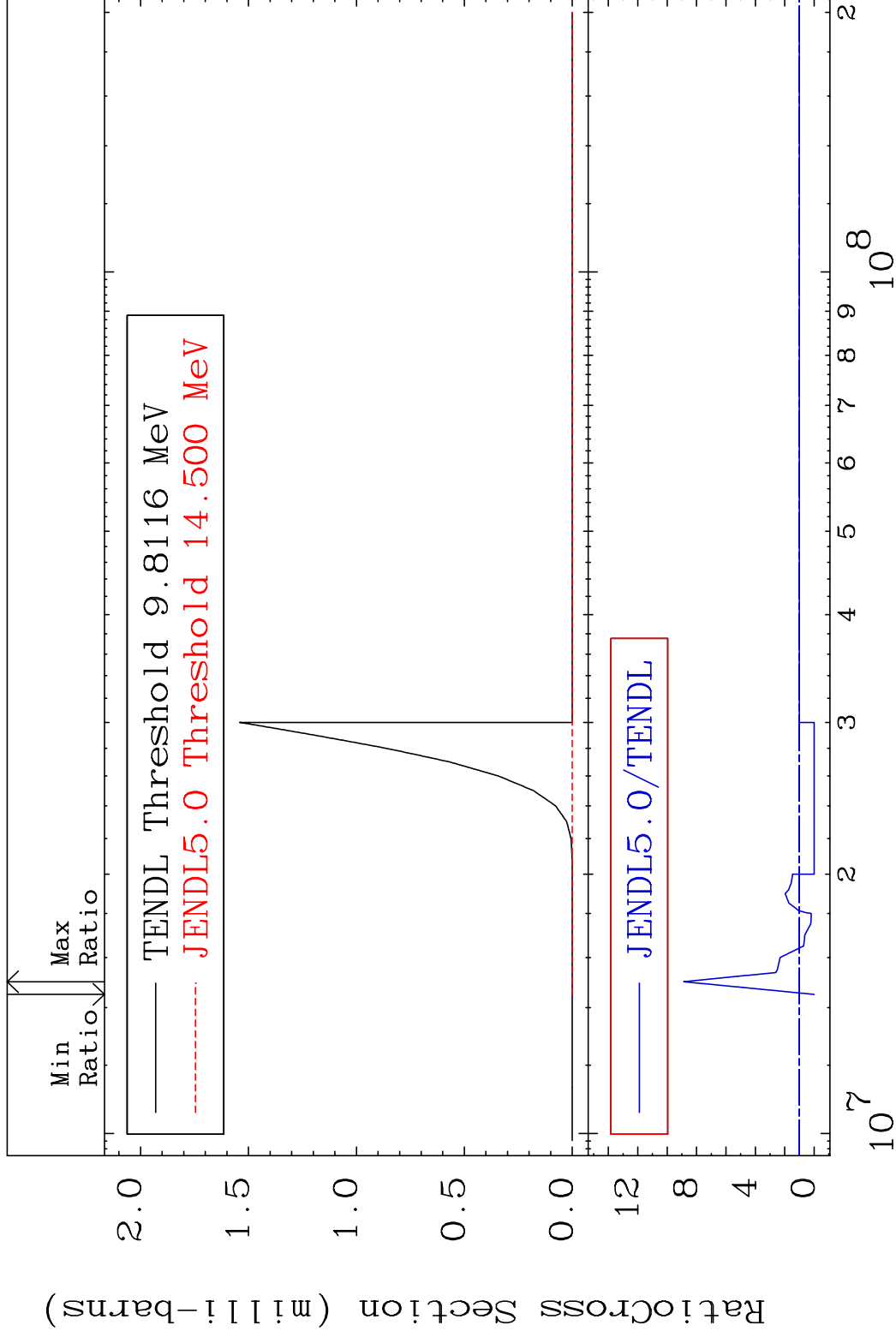


MAT 3637

(n, He-3)

36-Kr-82

Cross Section -100.0 To 787.8 %



39

Incident Energy (eV)

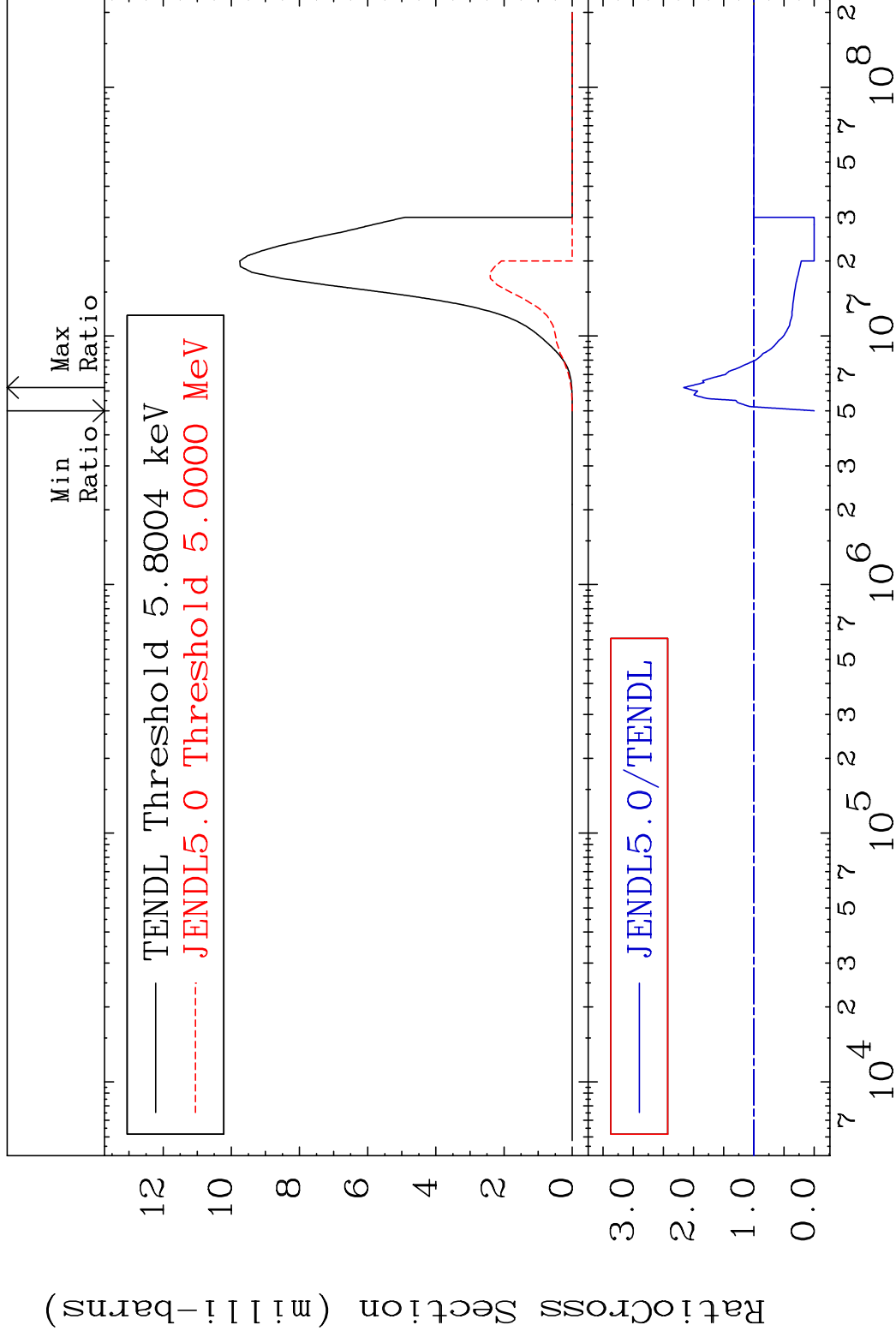
36-Kr-82

MAT 3637

(n, α)

36-Kr-82

Cross Section -100.0 To 116.3 %



40

Incident Energy (eV)

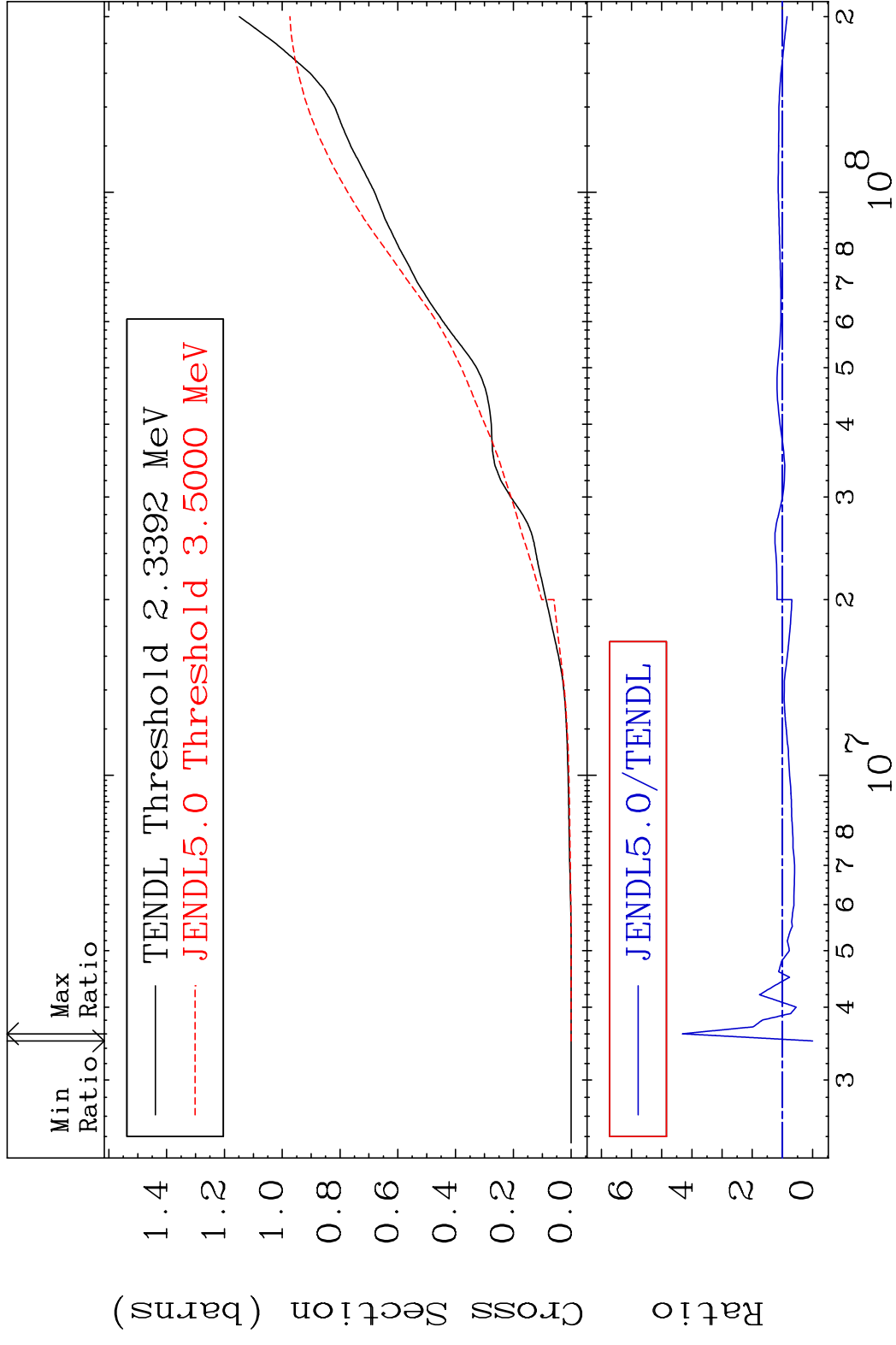
36-Kr-82

MAT 3637

Hydrogen Production

36-Kr-82

Cross Section -100.0 To 331.6 %

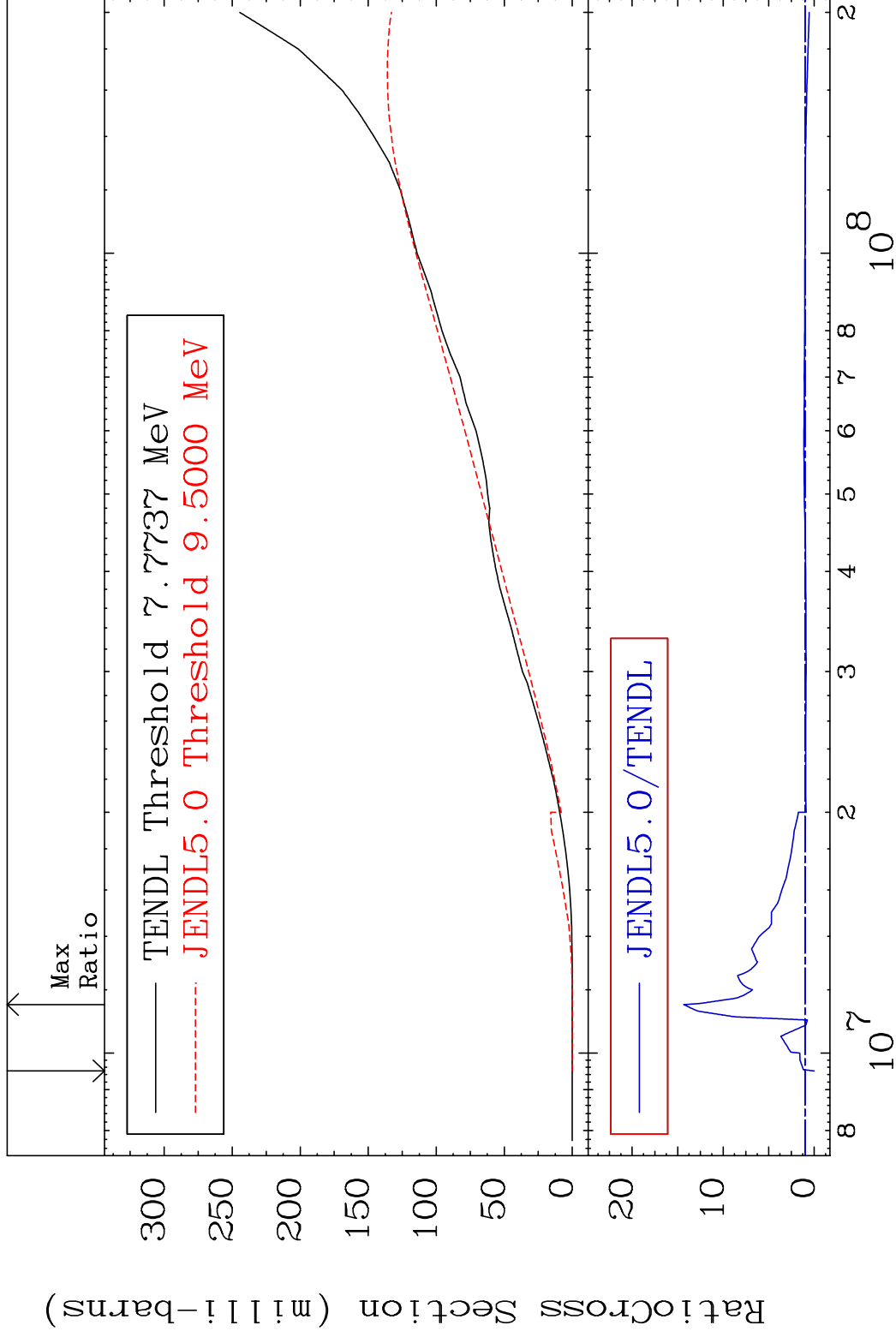


MAT 3637

Deuterium Production

36-Kr-82

Cross Section -100.0 To 1334. %

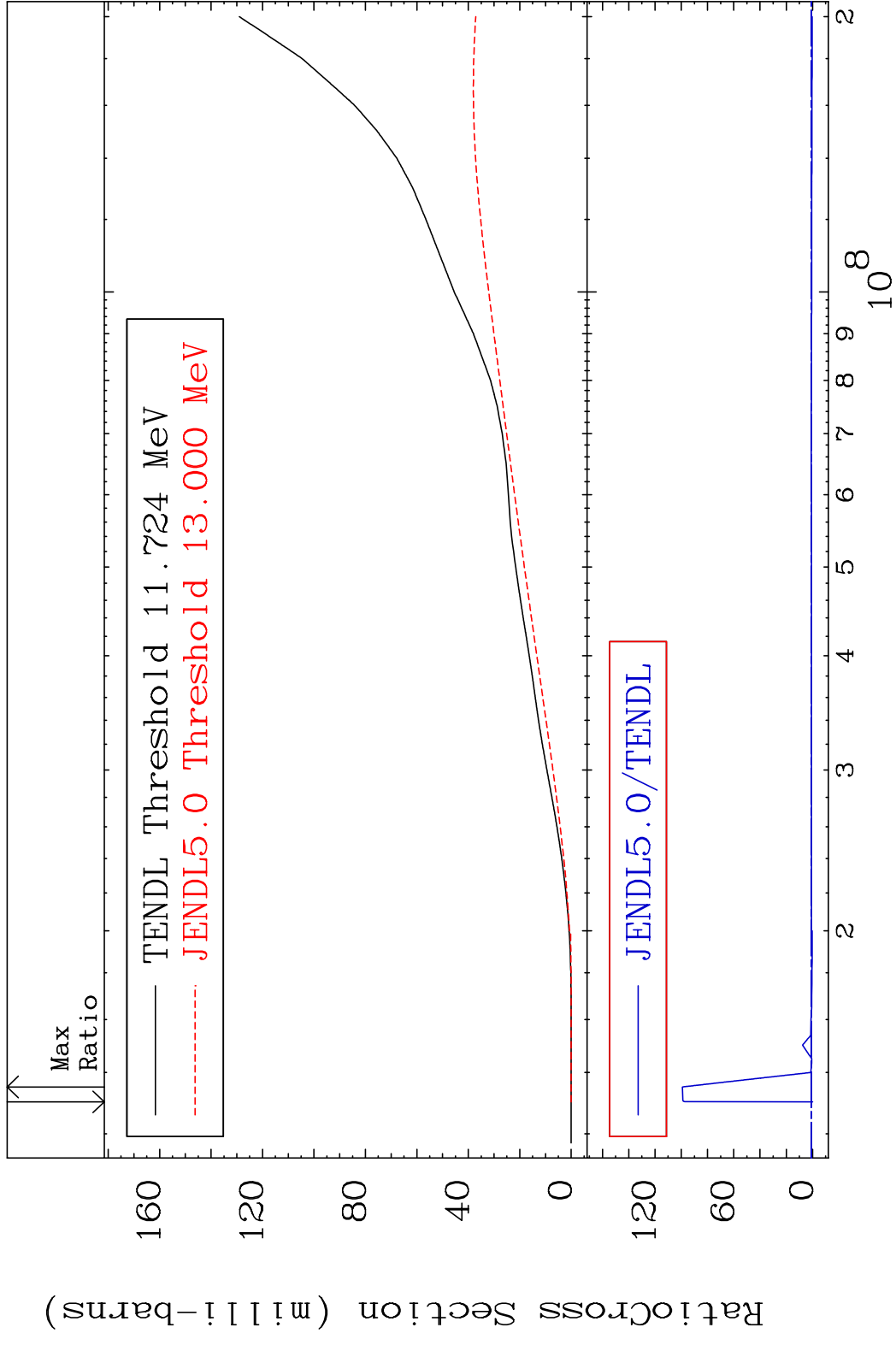


42

Incident Energy (eV)

36-Kr-82

MAT 3637 Tritium Production 36-Kr-82
 Cross Section -100.0 To 9816. %



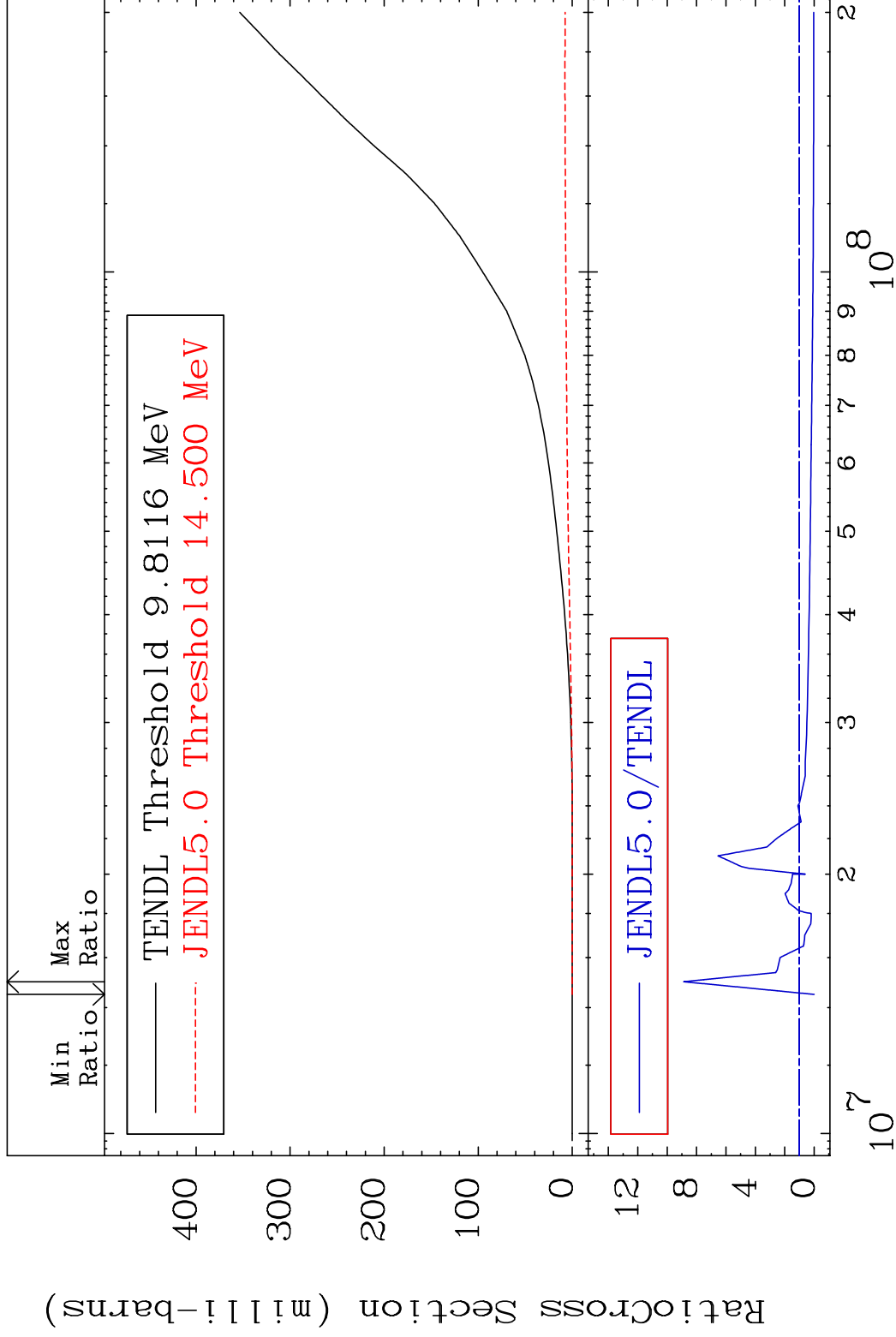
43 Incident Energy (eV) 36-Kr-82

MAT 3637

He-3 Production

36-Kr-82

Cross Section -100.0 To 787.8 %



44

Incident Energy (eV)

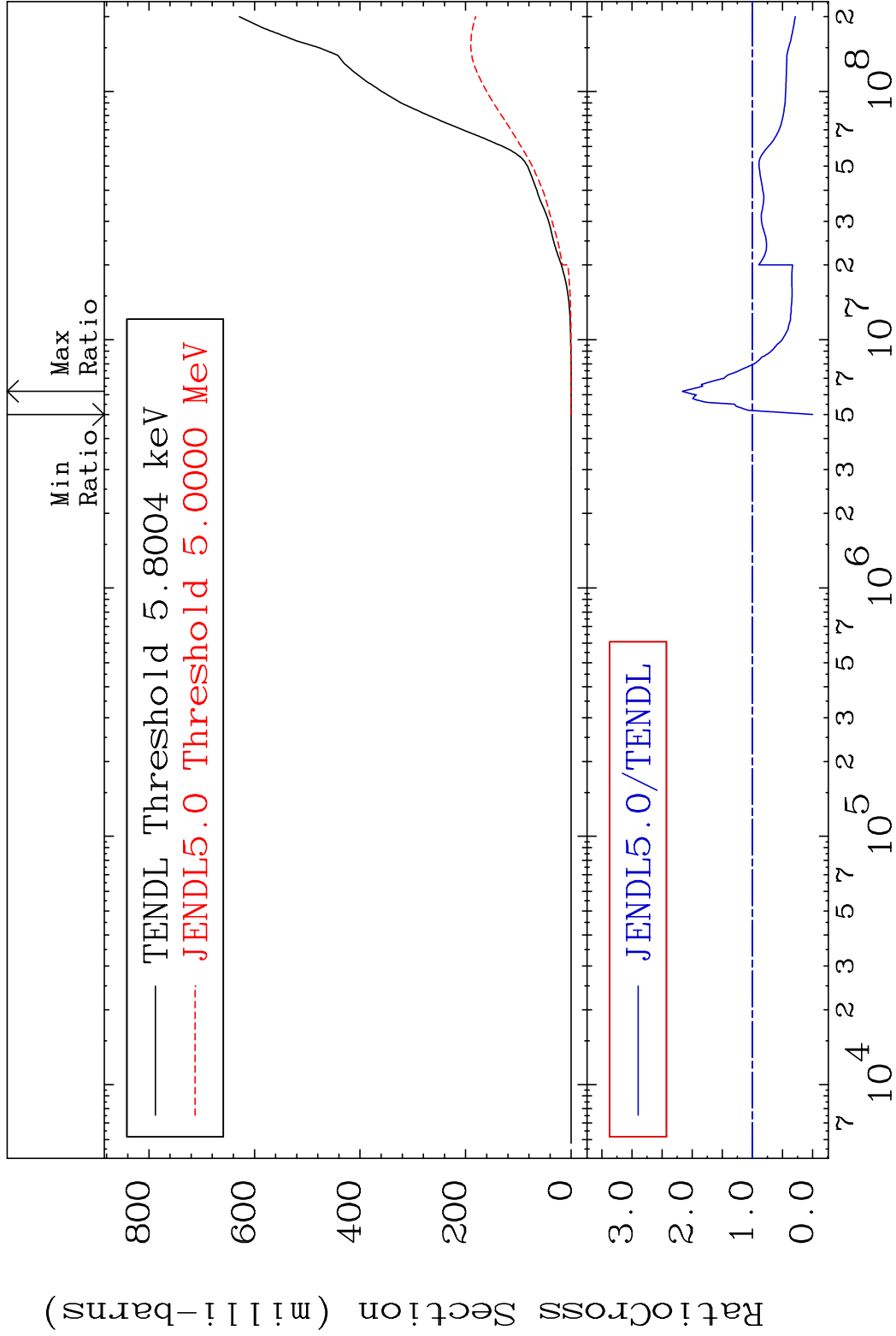
36-Kr-82

MAT 3637

He-4 Production

36-Kr-82

Cross Section -100.0 To 116.3 %

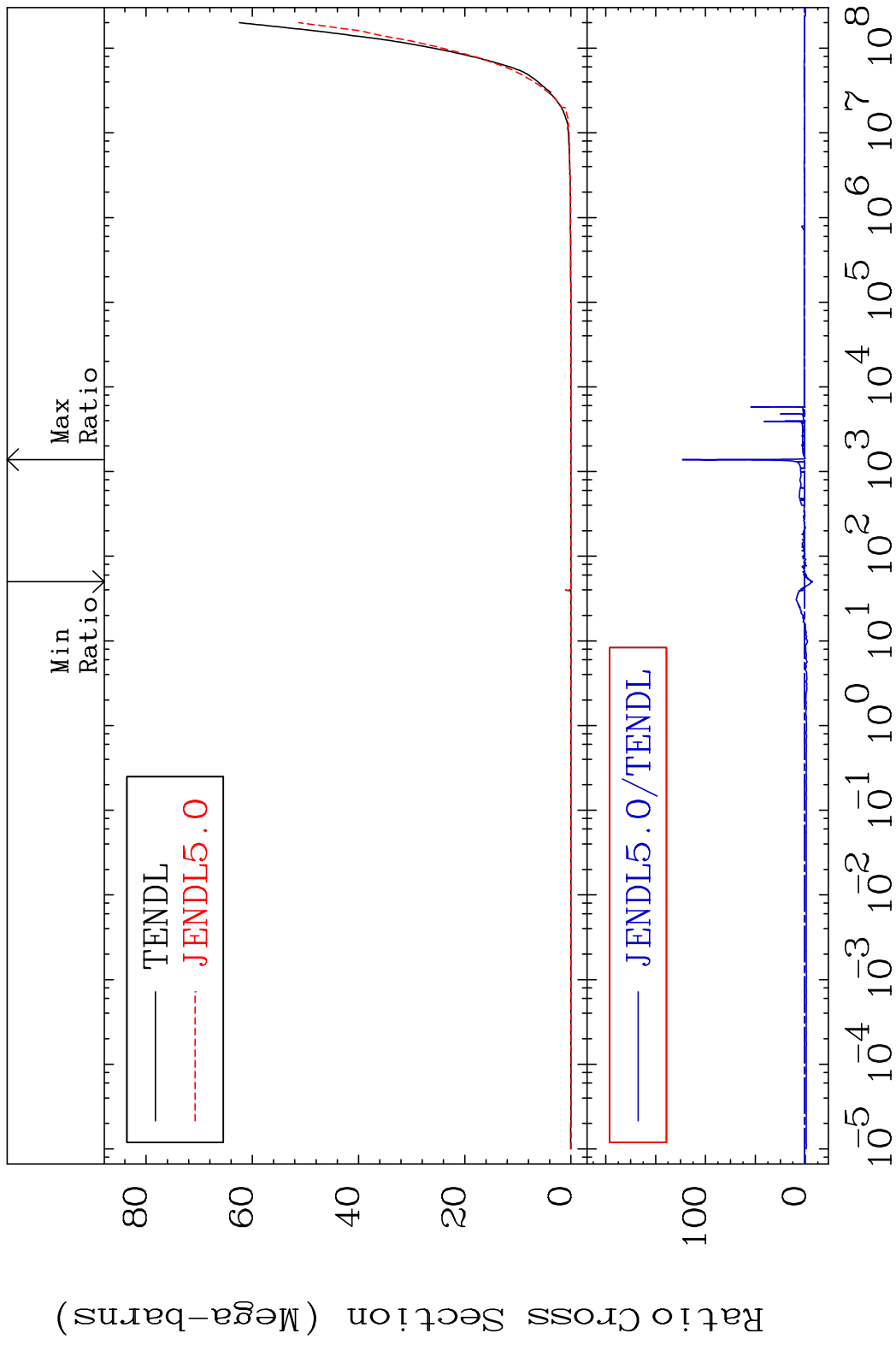


45

Incident Energy (eV)

36-Kr-82

MAT 3637 Kerma total (eV-barns) 36-Kr-82
Cross Section -828.0 To 9999. %



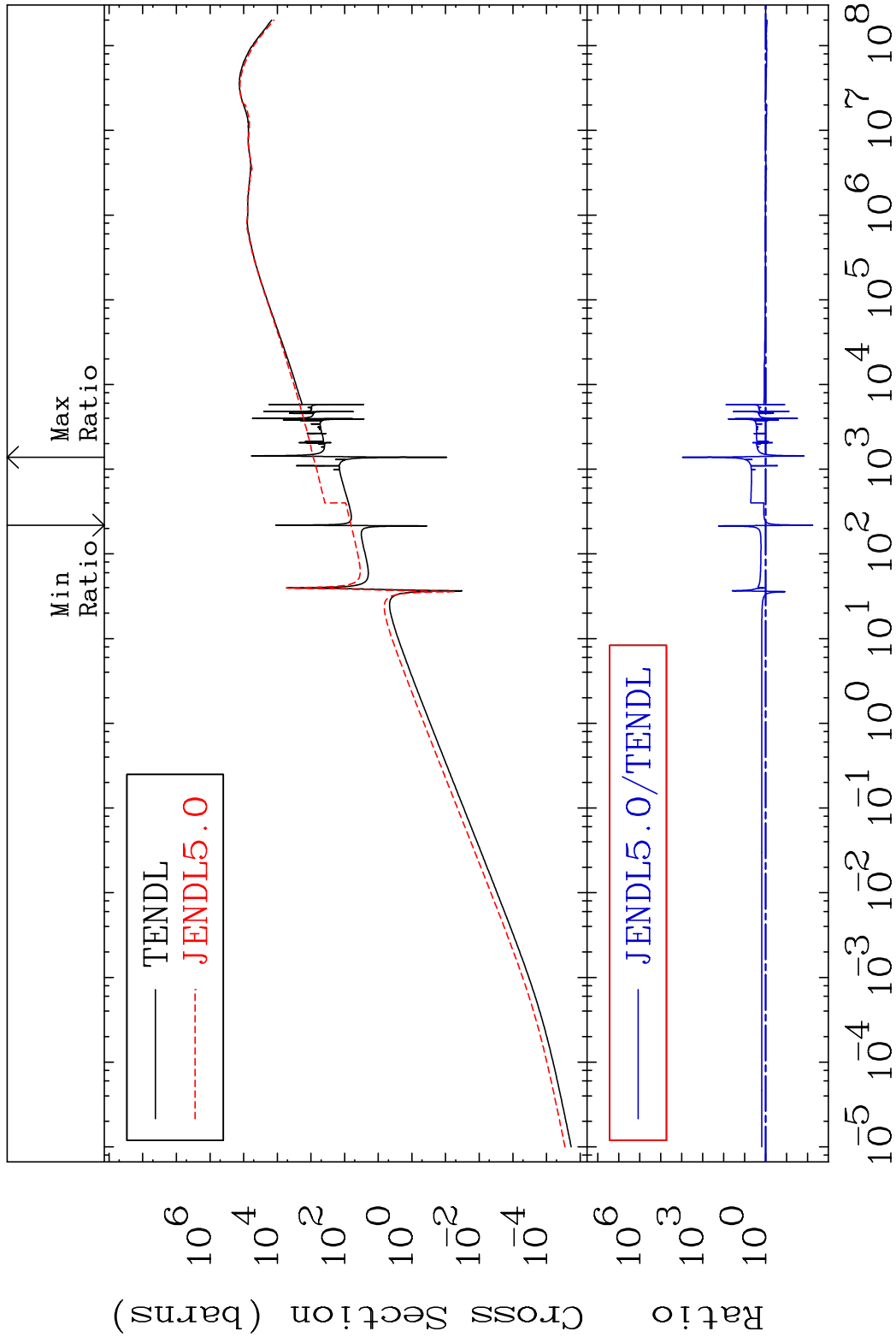
46 Incident Energy (eV) 36-Kr-82

MAT 3637

Kerma elastic

36-Kr-82

Cross Section -99.43 To 9999. %

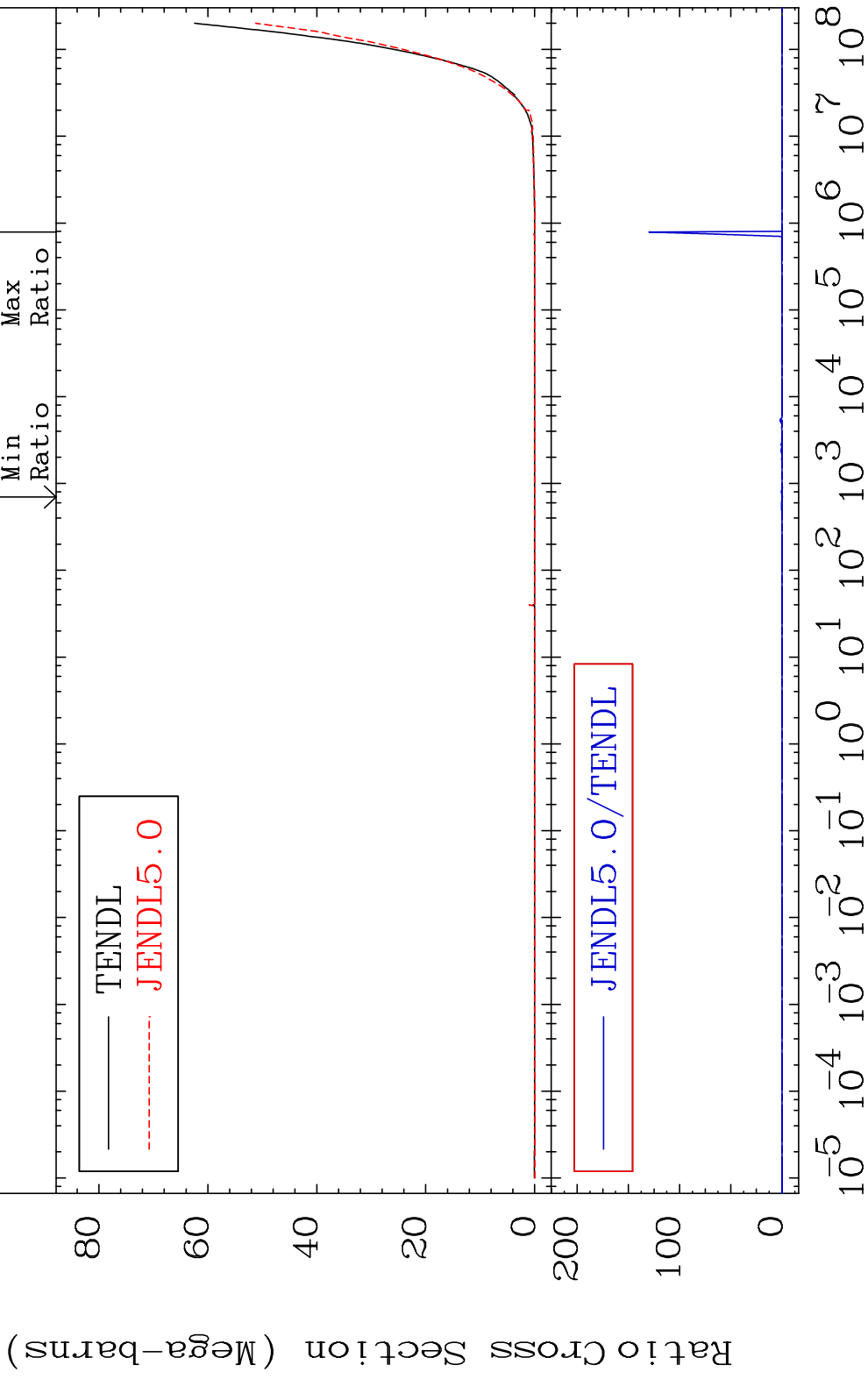


47

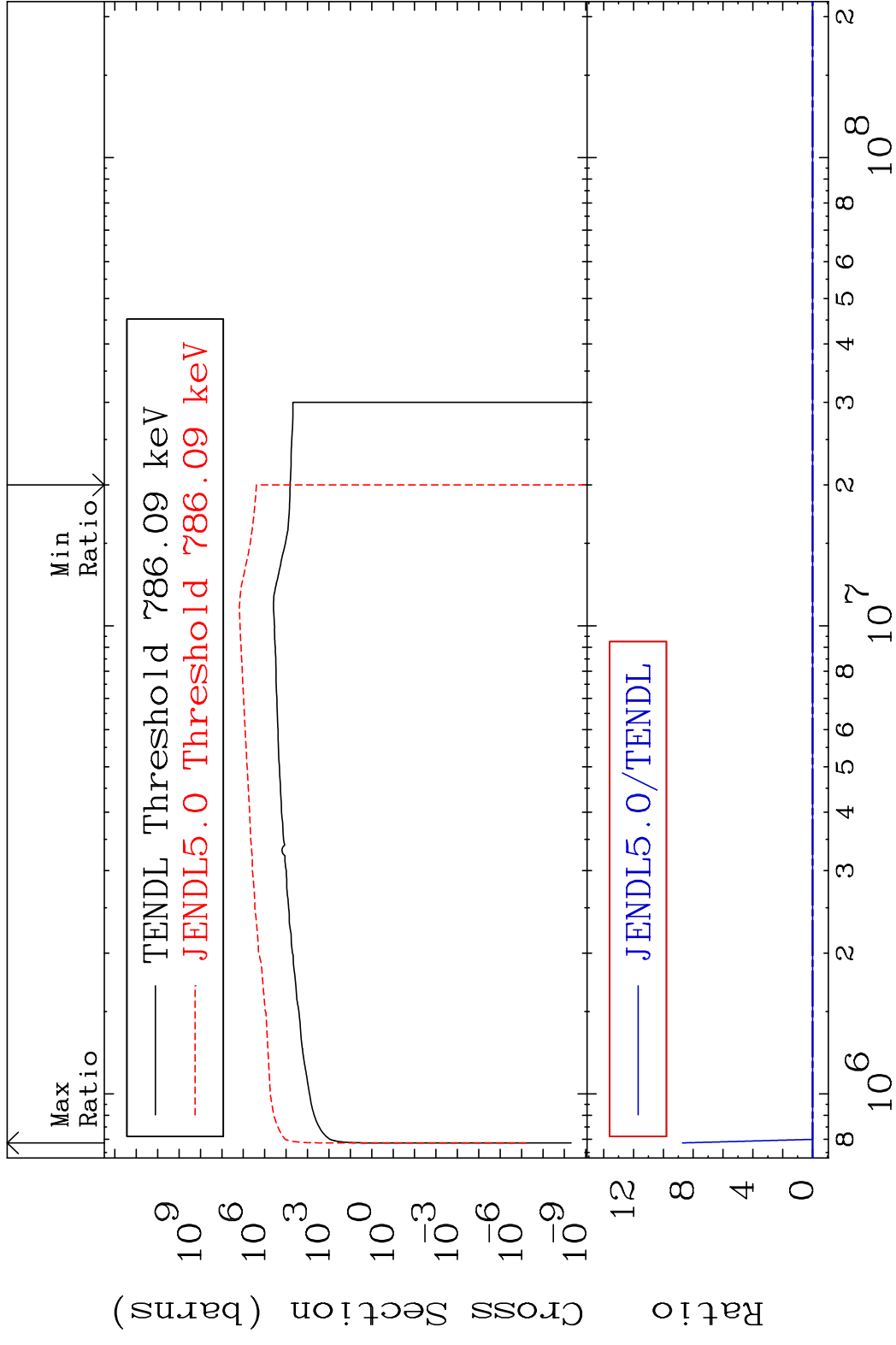
Incident Energy (eV)

36-Kr-82

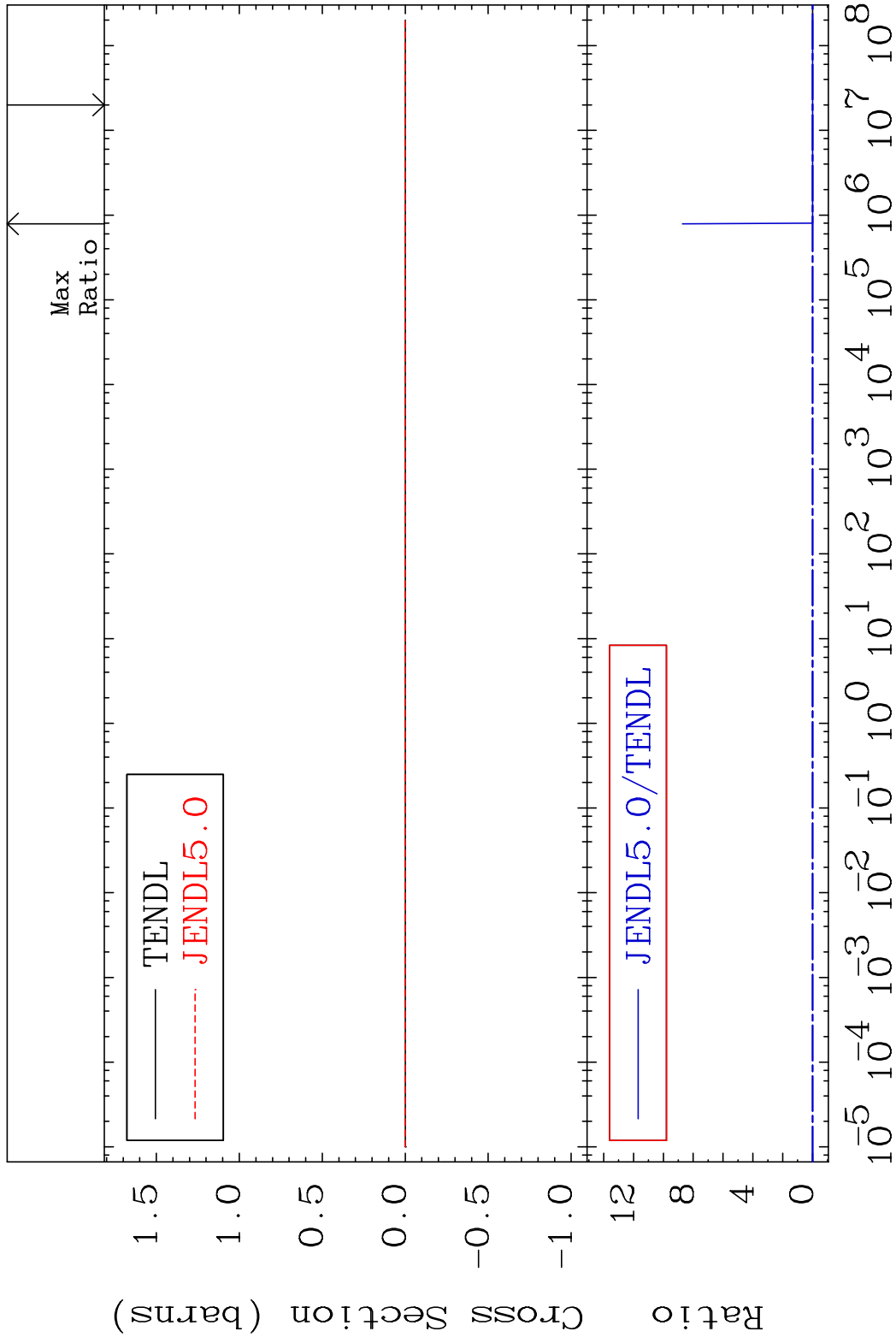
MAT 3637 Kerma non-elastic (all but mt2) 36-Kr-82
 Cross Section -9999. To 9999. %



MAT 3637 Kerma inelastic (mt51-91) 36-Kr-82
 Cross Section -100.0 To 9999. %



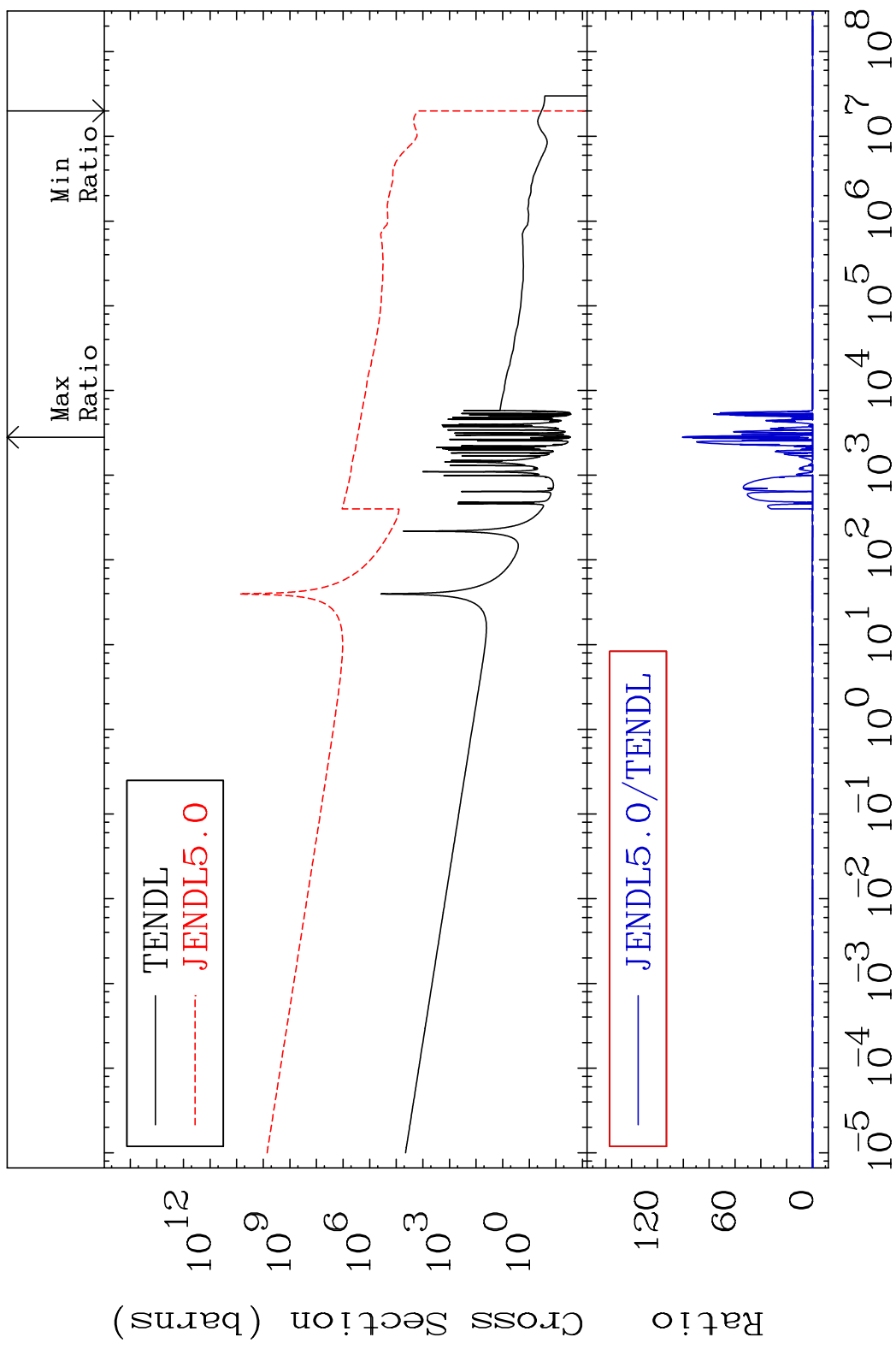
MAT 3637 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-82
 Cross Section -100.0 To 9999. %



MAT 3637

Kerma capture (mt102) 36-Kr-82

Cross Section -100.0 To 9999. %

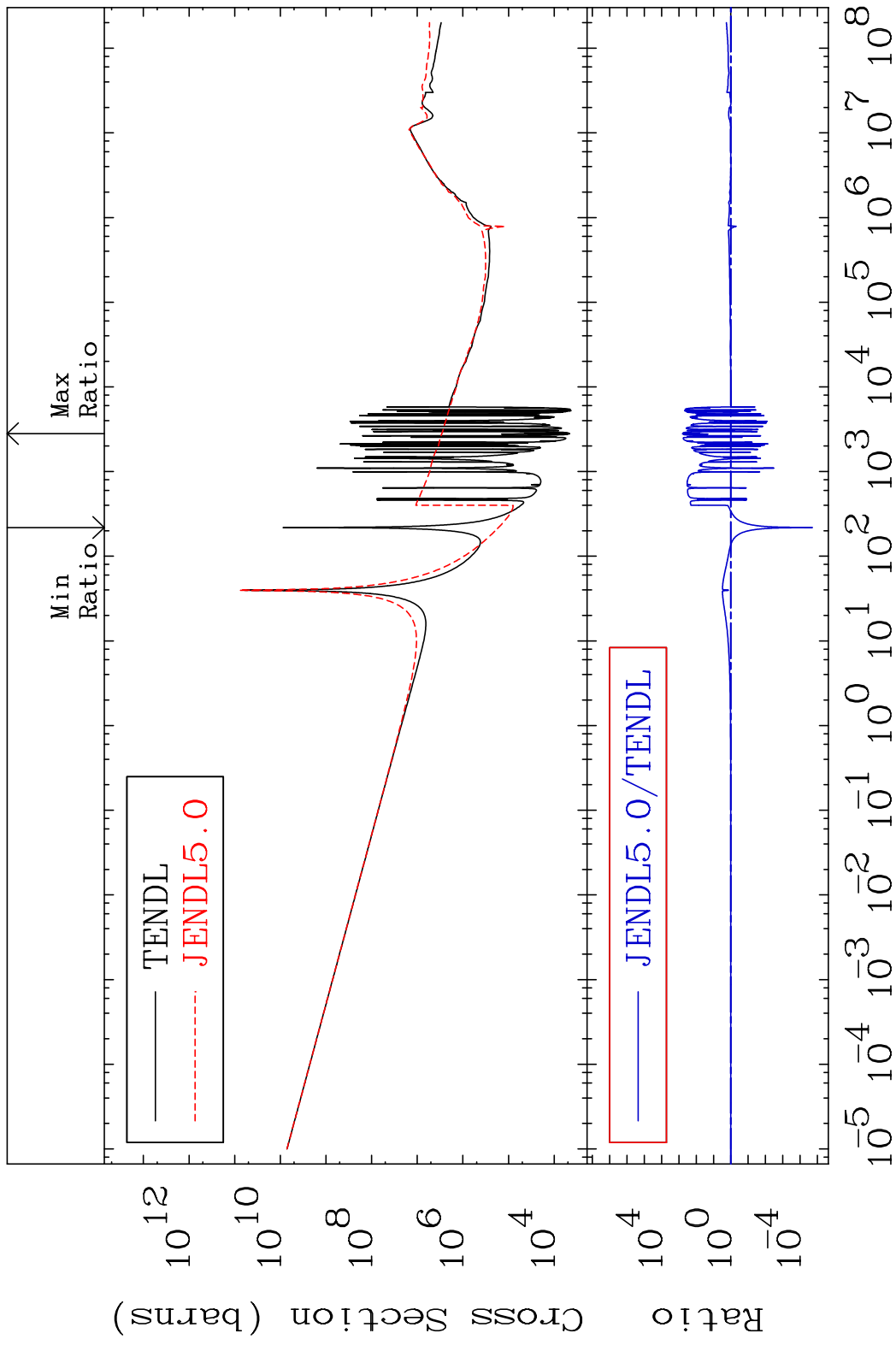


51

Incident Energy (eV)

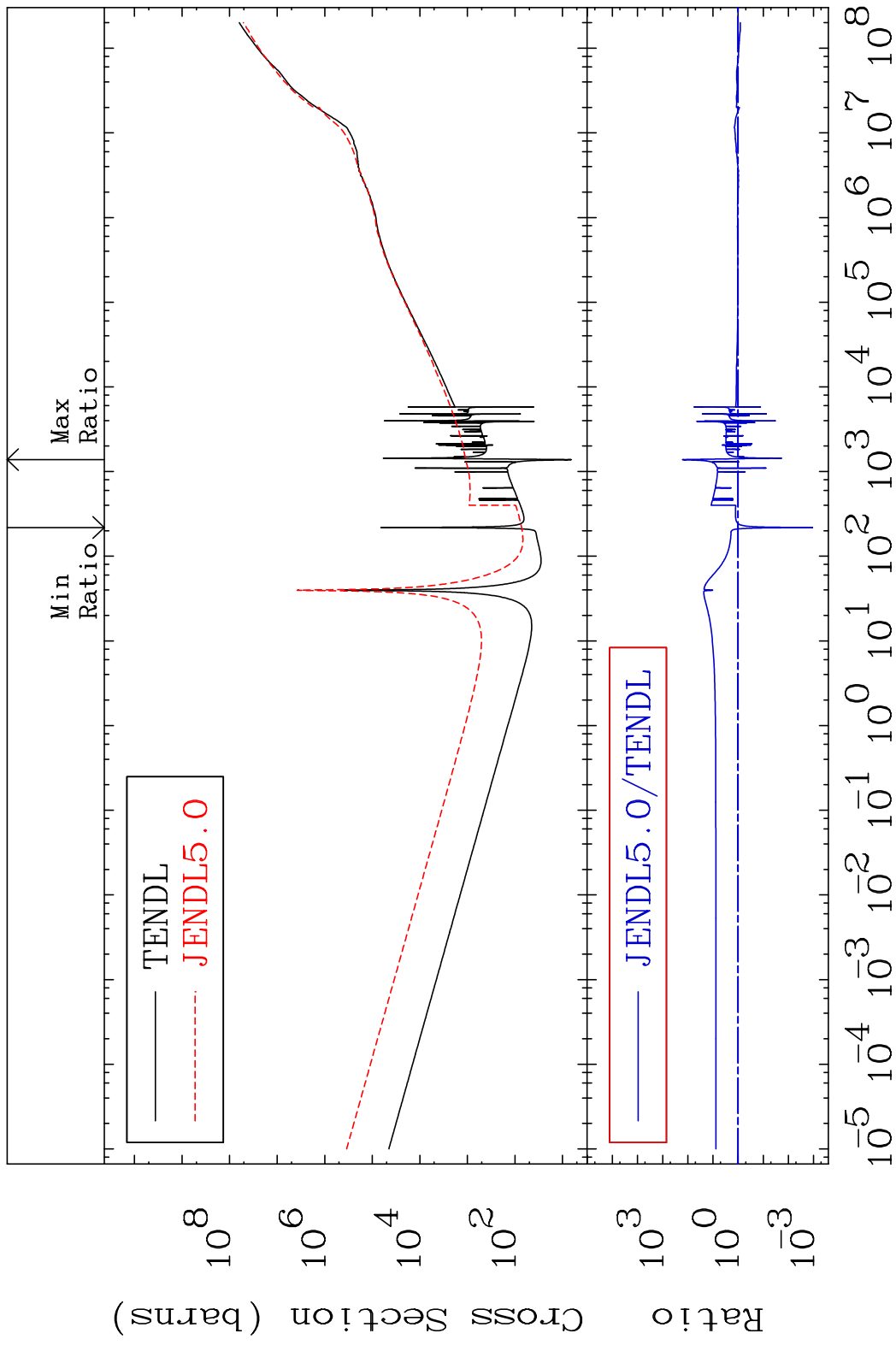
36-Kr-82

MAT 3637 Total photon (eV-barns) 36-Kr-82
 Cross Section -100.0 To 9999. %



52 Incident Energy (eV) 36-Kr-82

MAT 3637 Total kinematic kerma (high limit) 36-Kr-82
 Cross Section -99.89 To 9999. %

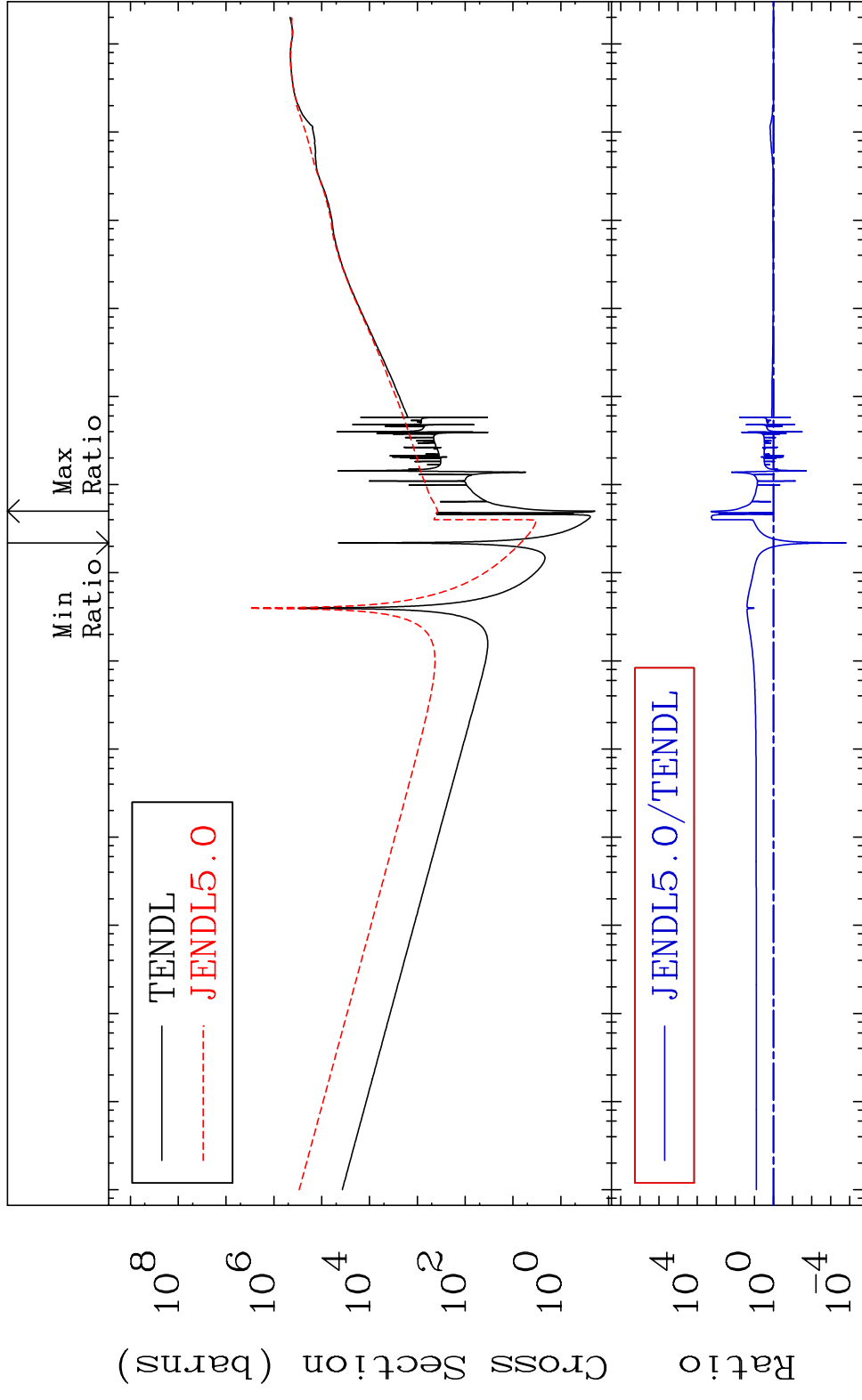


MAT 3637

Dpa total (eV-barns)

36-Kr-82

Cross Section -99.98 To 9999. %



54

Incident Energy (eV)

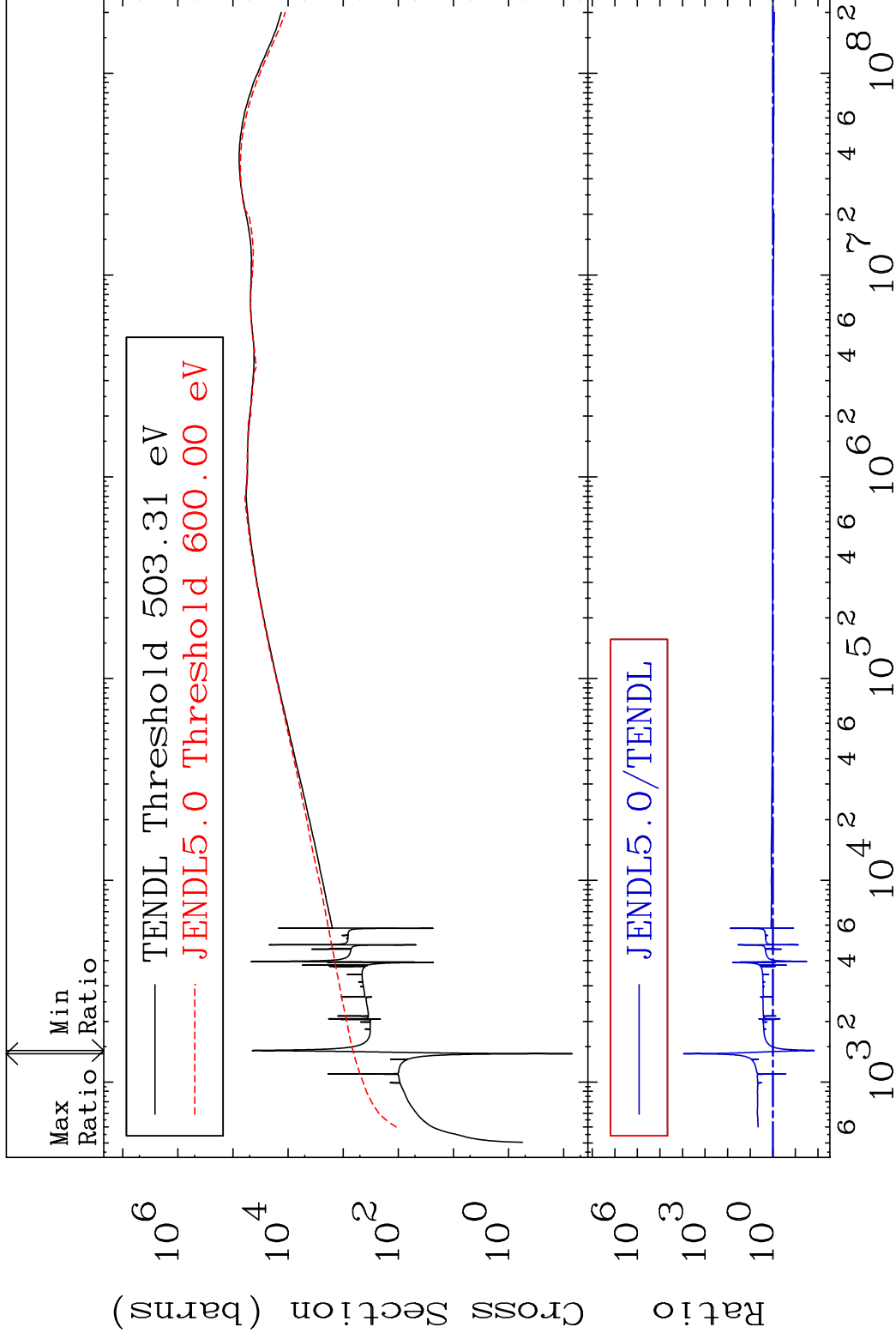
36-Kr-82

MAT 3637

Dpa elastic (mt2)

36-Kr-82

Cross Section -98.51 To 9999. %

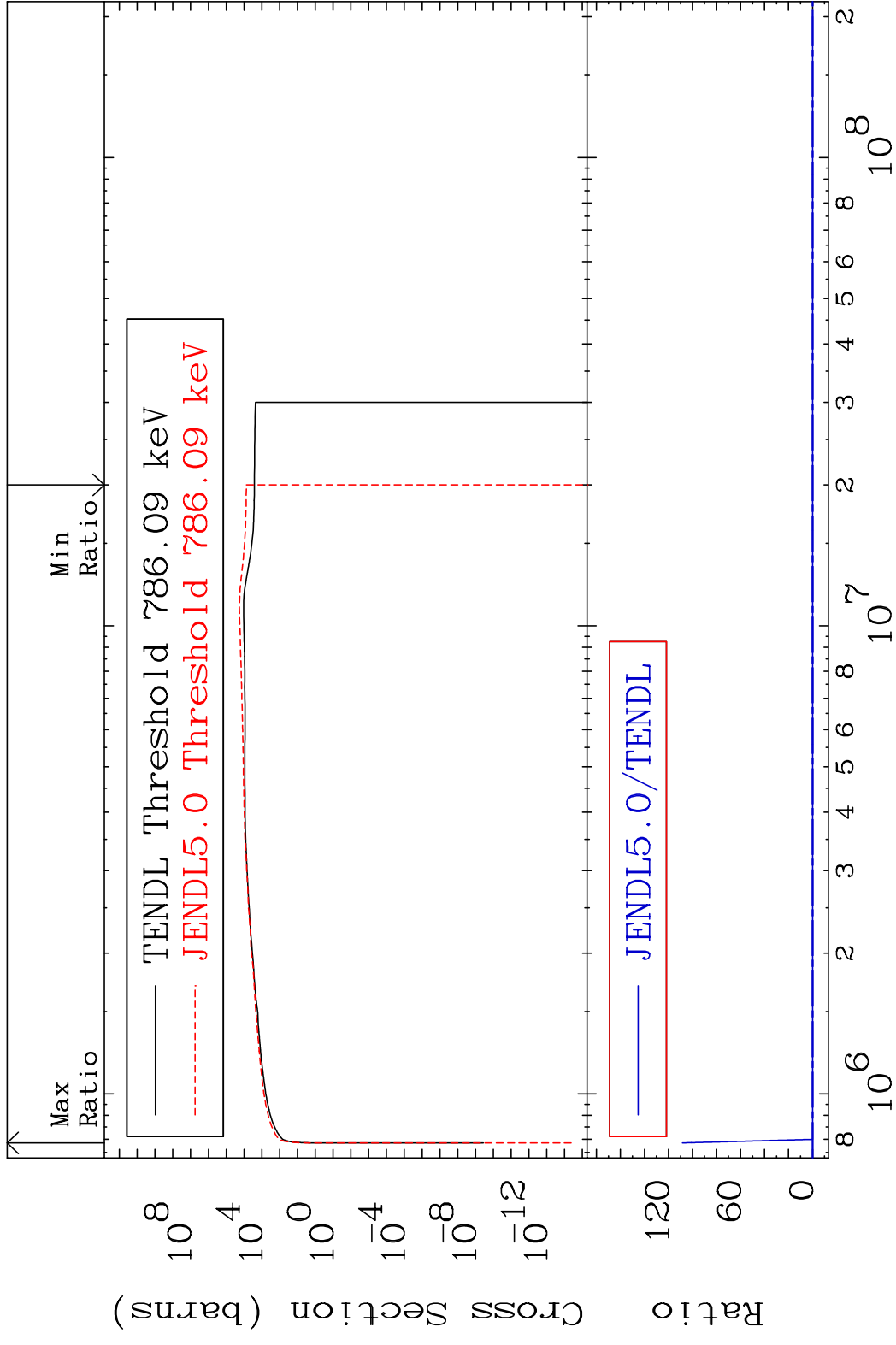


55

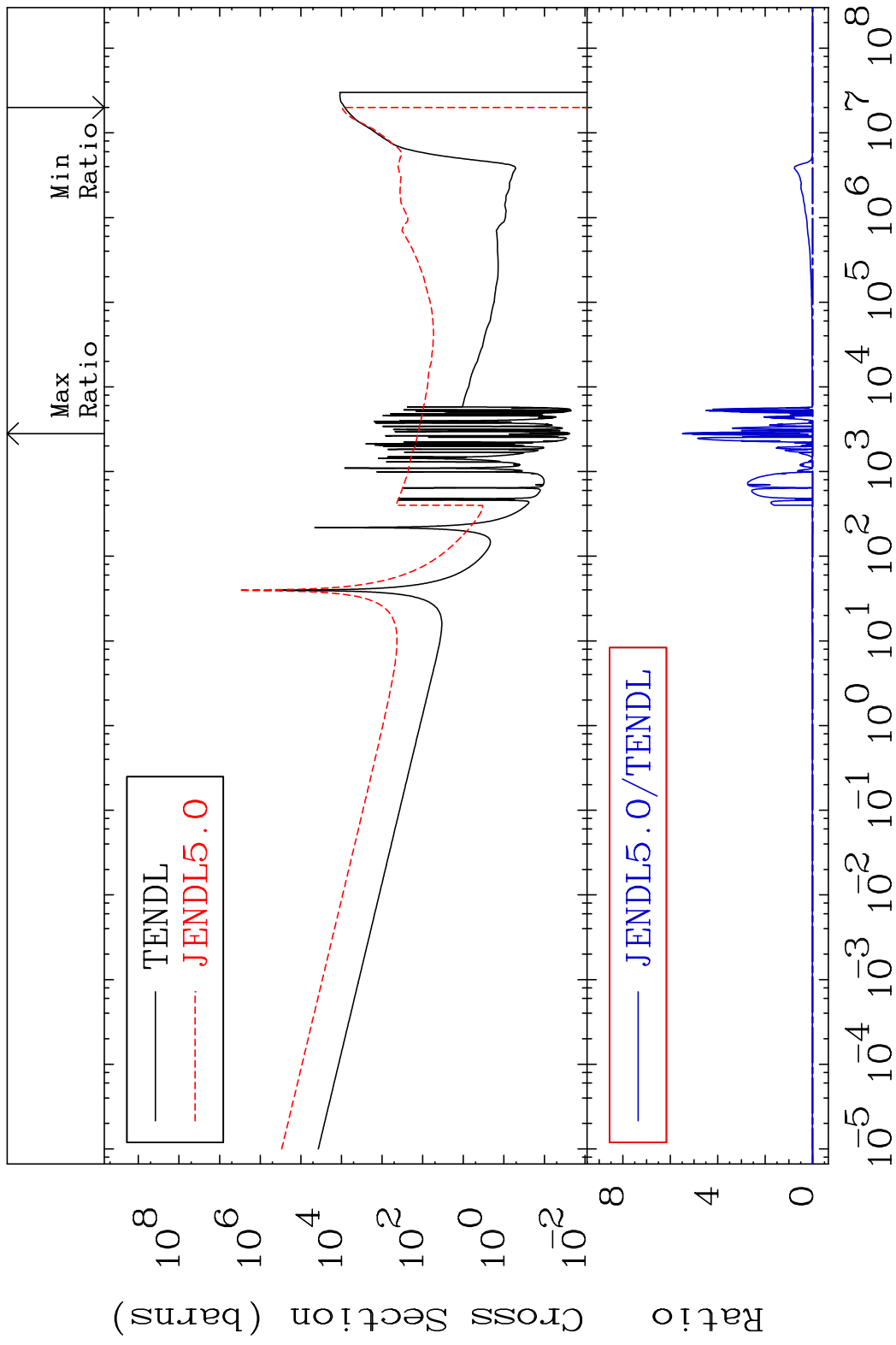
Incident Energy (eV)

36-Kr-82

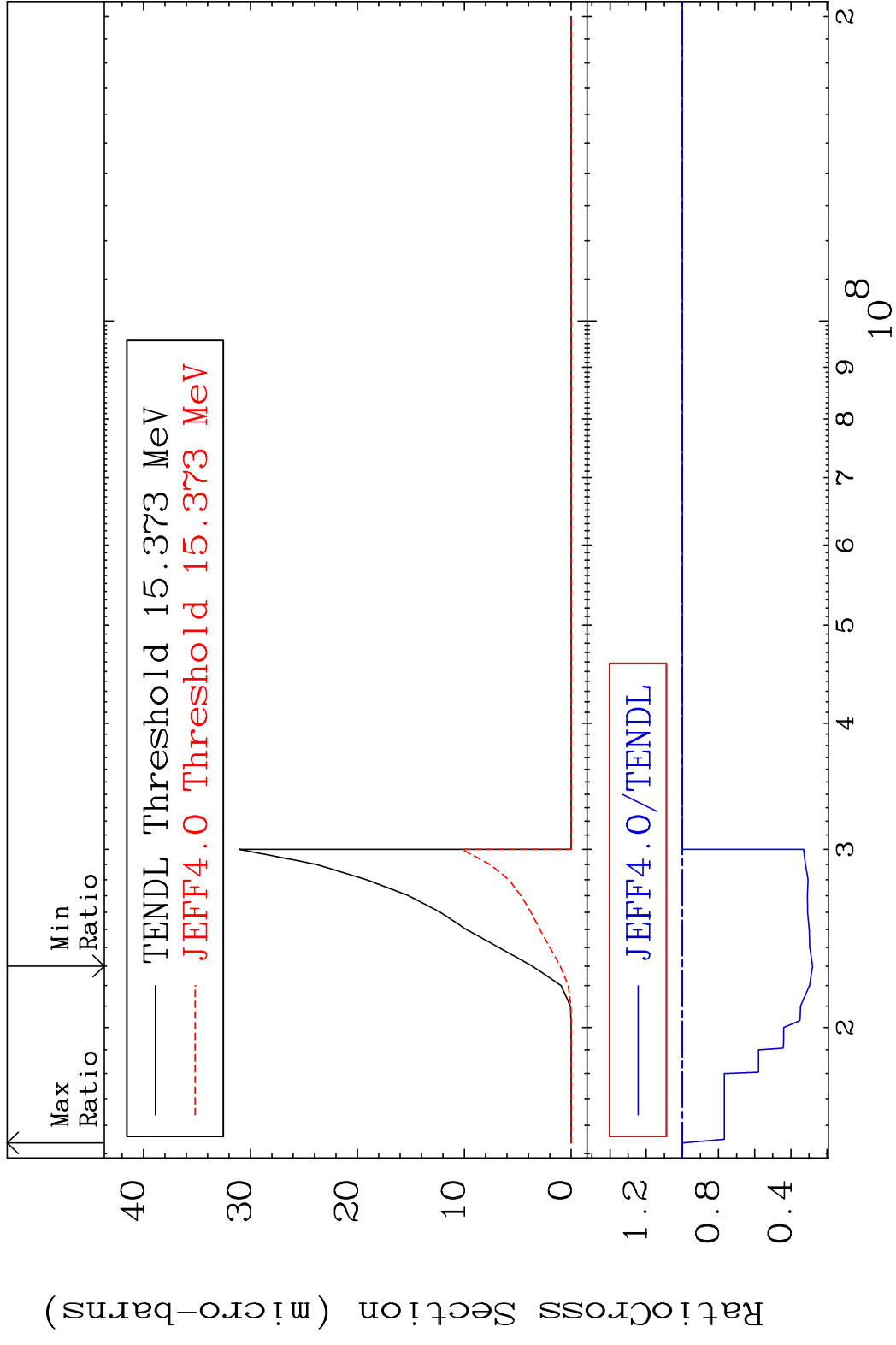
MAT 3637 Dpa inelastic (mt51-91) 36-Kr-82
 Cross Section -100.0 To 9999. %



MAT 3637 Dpa disappearance (mt102 -120) 36-Kr-82
 Cross Section -100.0 To 9999. %



MAT 3637 (n,p) d 36-Kr-82
 Cross Section -72.01 To 0.000 %

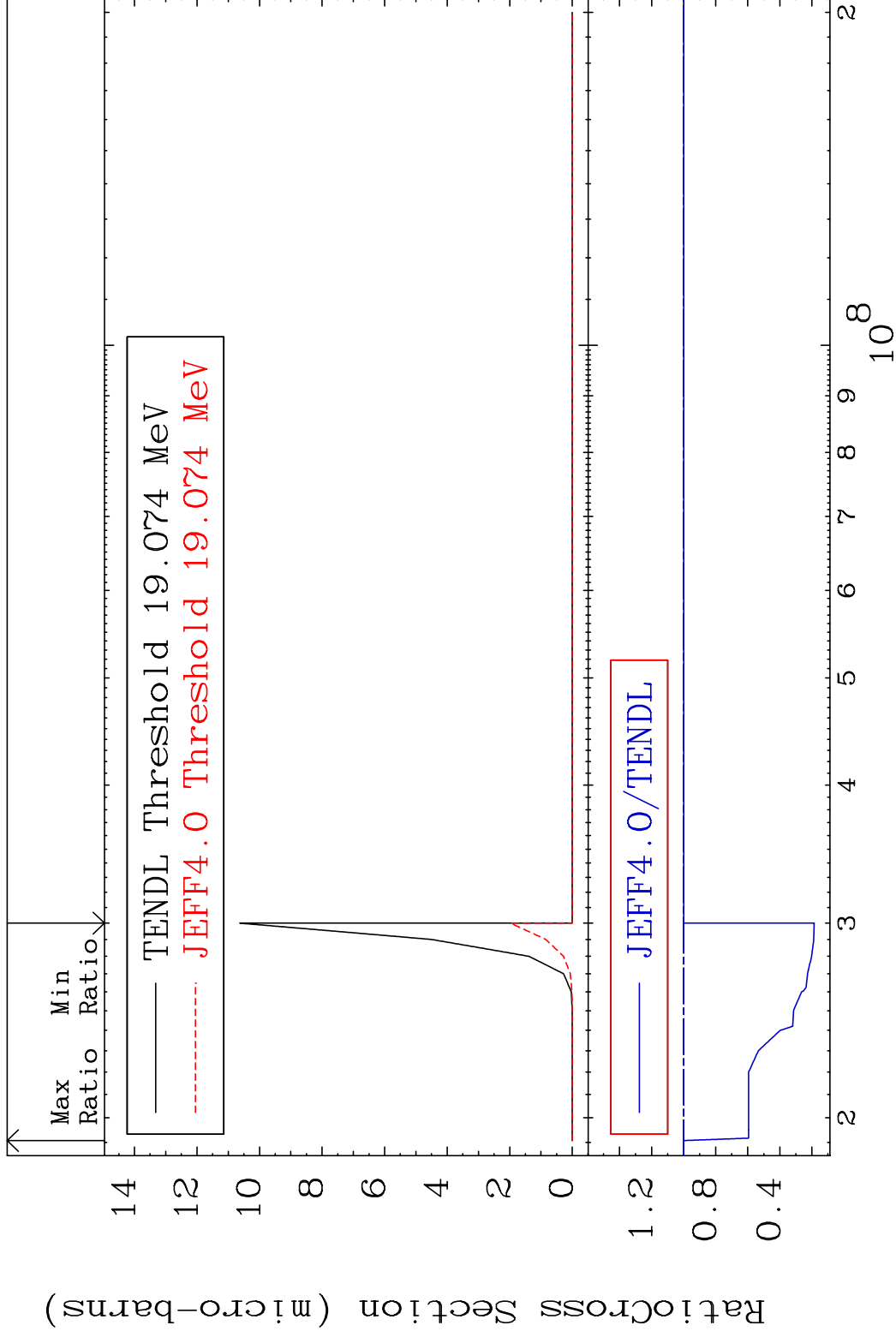


MAT 3637

(n,p) t

36-Kr-82

Cross Section -81.39 To 0.000 %



59

Incident Energy (eV)

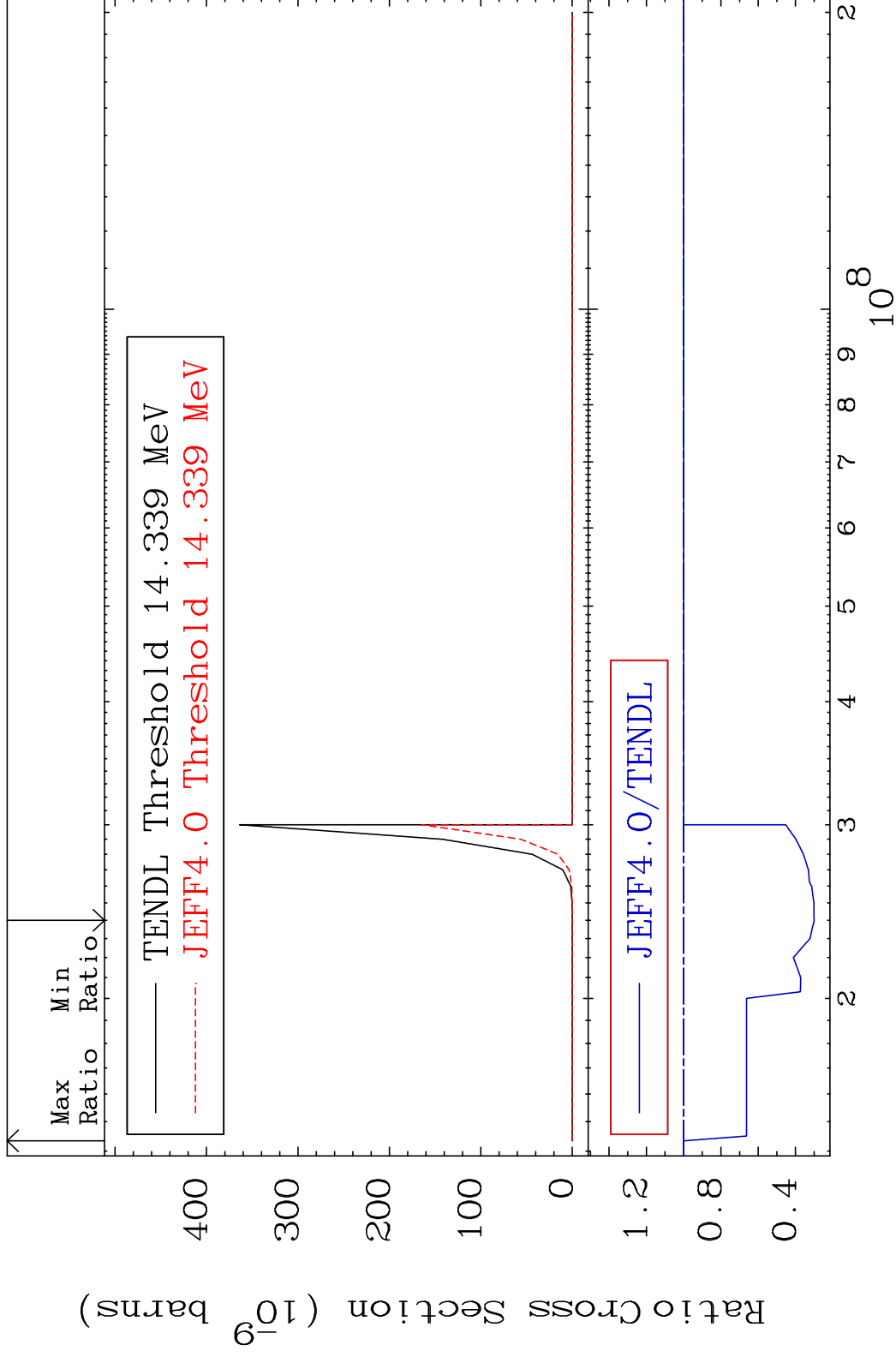
36-Kr-82

MAT 3637

(n,d) α

36-Kr-82

Cross Section -69.97 To 0.000 %



60

Incident Energy (eV)

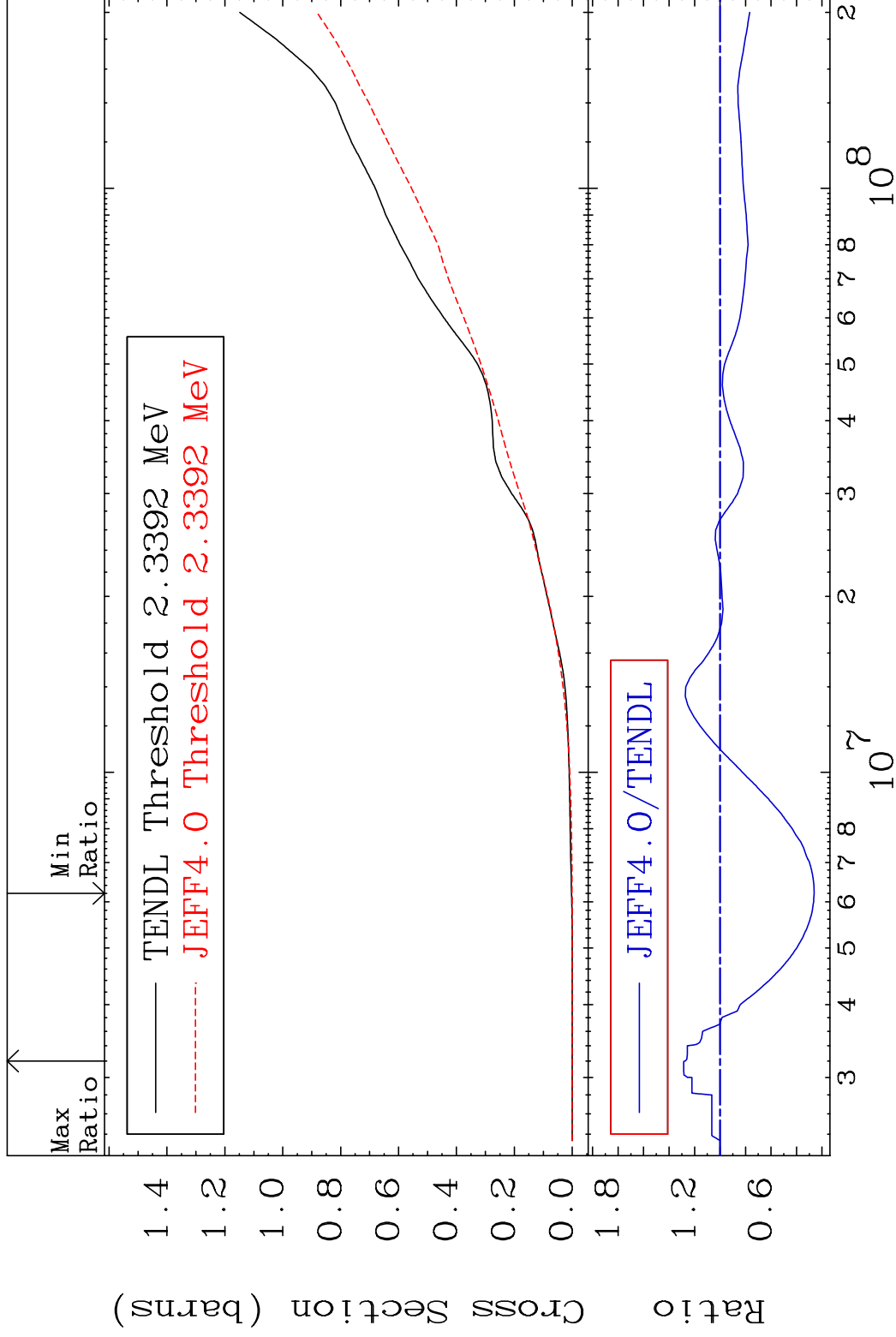
36-Kr-82

MAT 3637

Hydrogen Production

³⁶Kr-82

Cross Section -73.80 To 28.56 %



61

Incident Energy (eV)

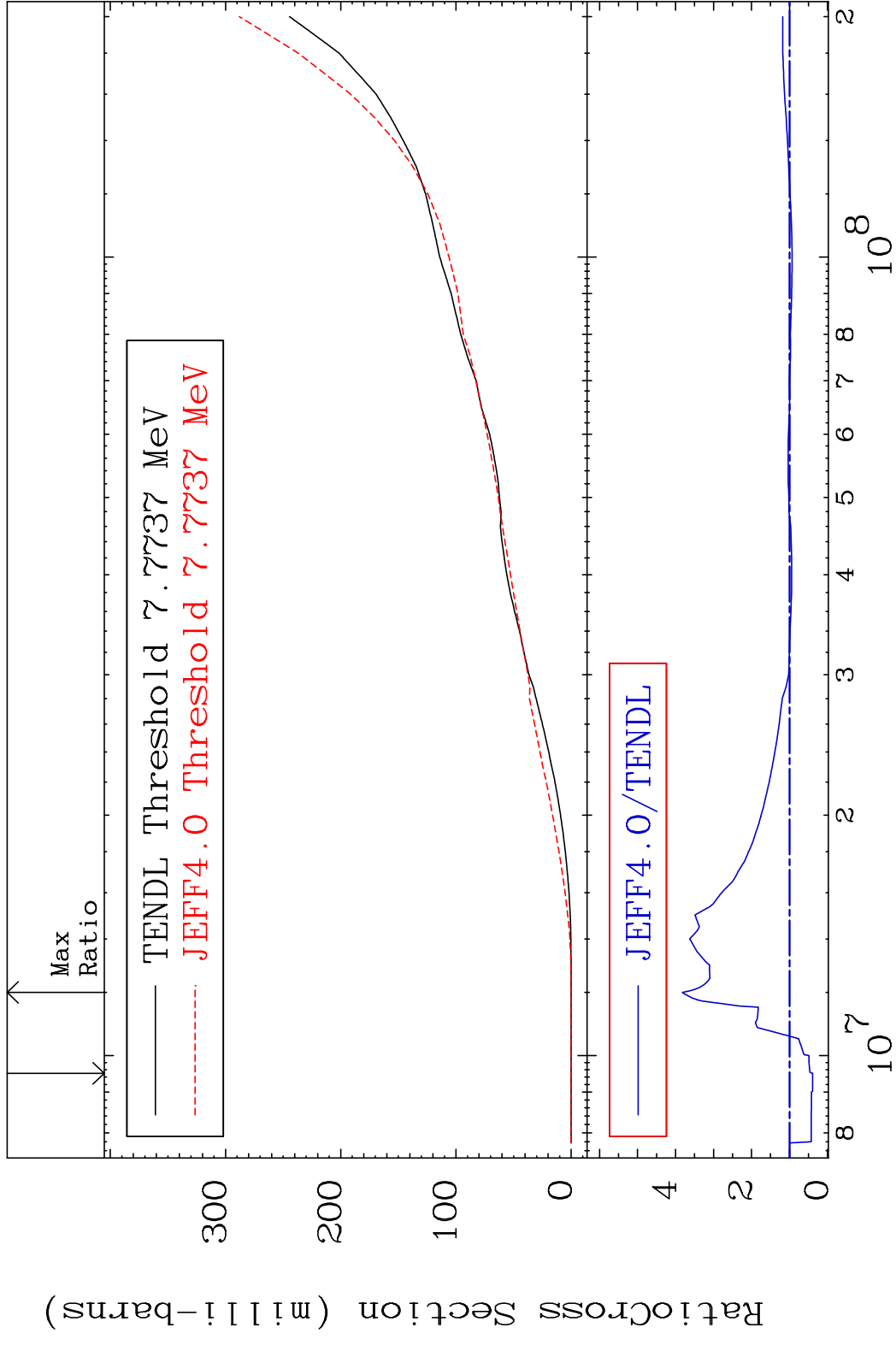
³⁶Kr-82

MAT 3637

Deuterium Production

³⁶Kr-82

Cross Section -60.69 To 282.1 %



62

Incident Energy (eV)

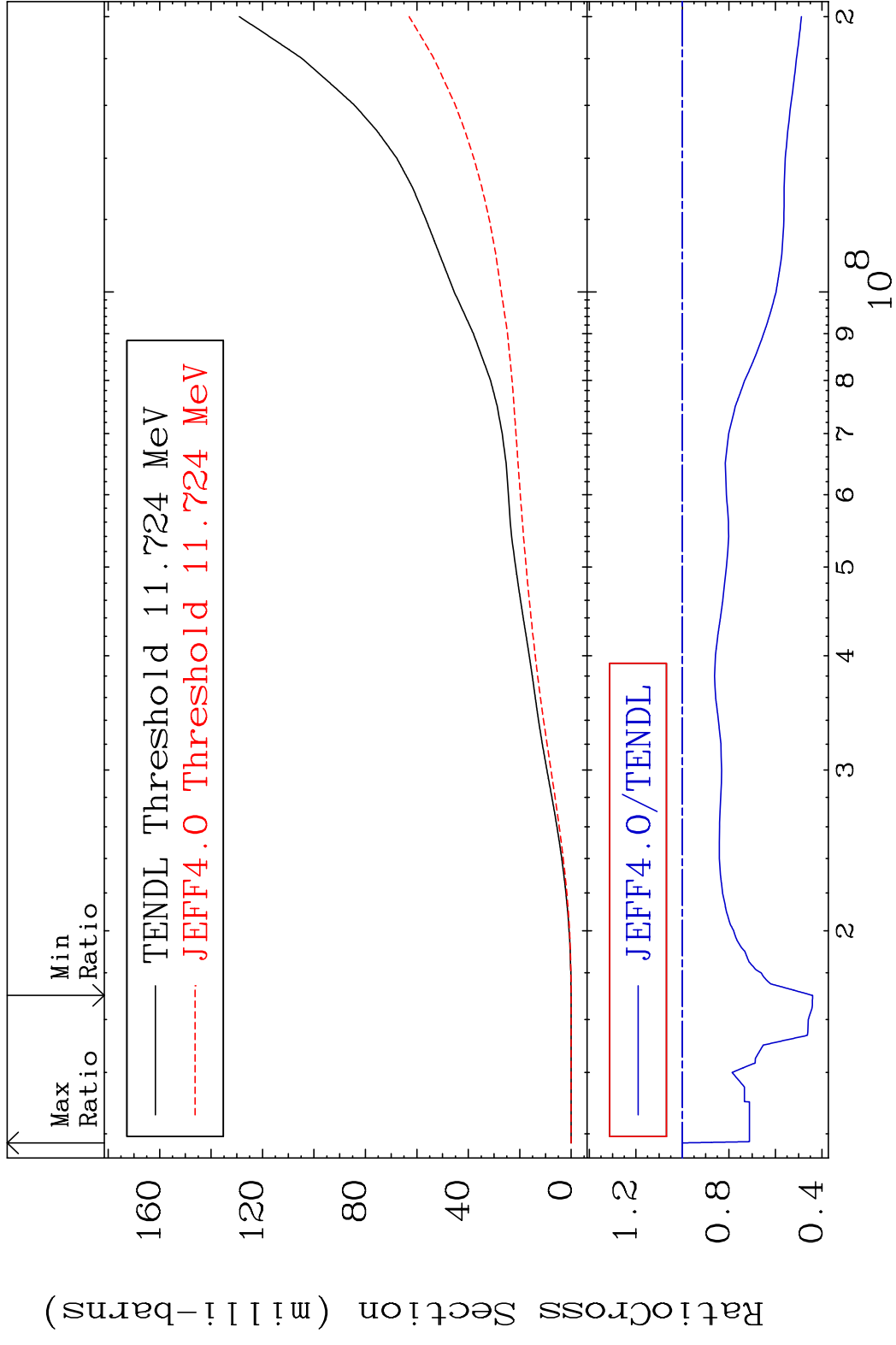
³⁶Kr-82

MAT 3637

Tritium Production

36-Kr-82

Cross Section -55.95 To 0.000 %

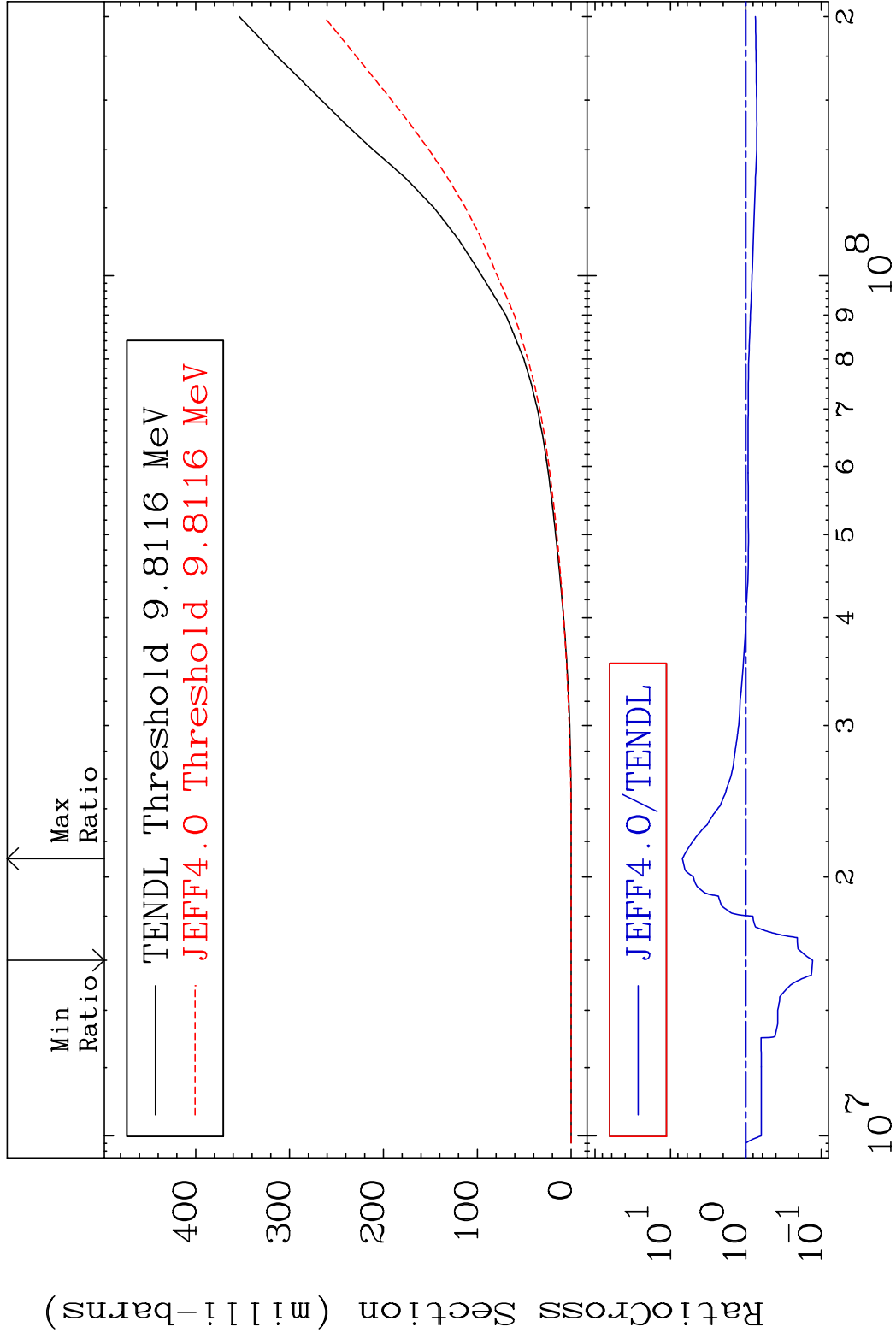


MAT 3637

He-3 Production

36-Kr-82

Cross Section -86.98 To 594.7 %



64

Incident Energy (eV)

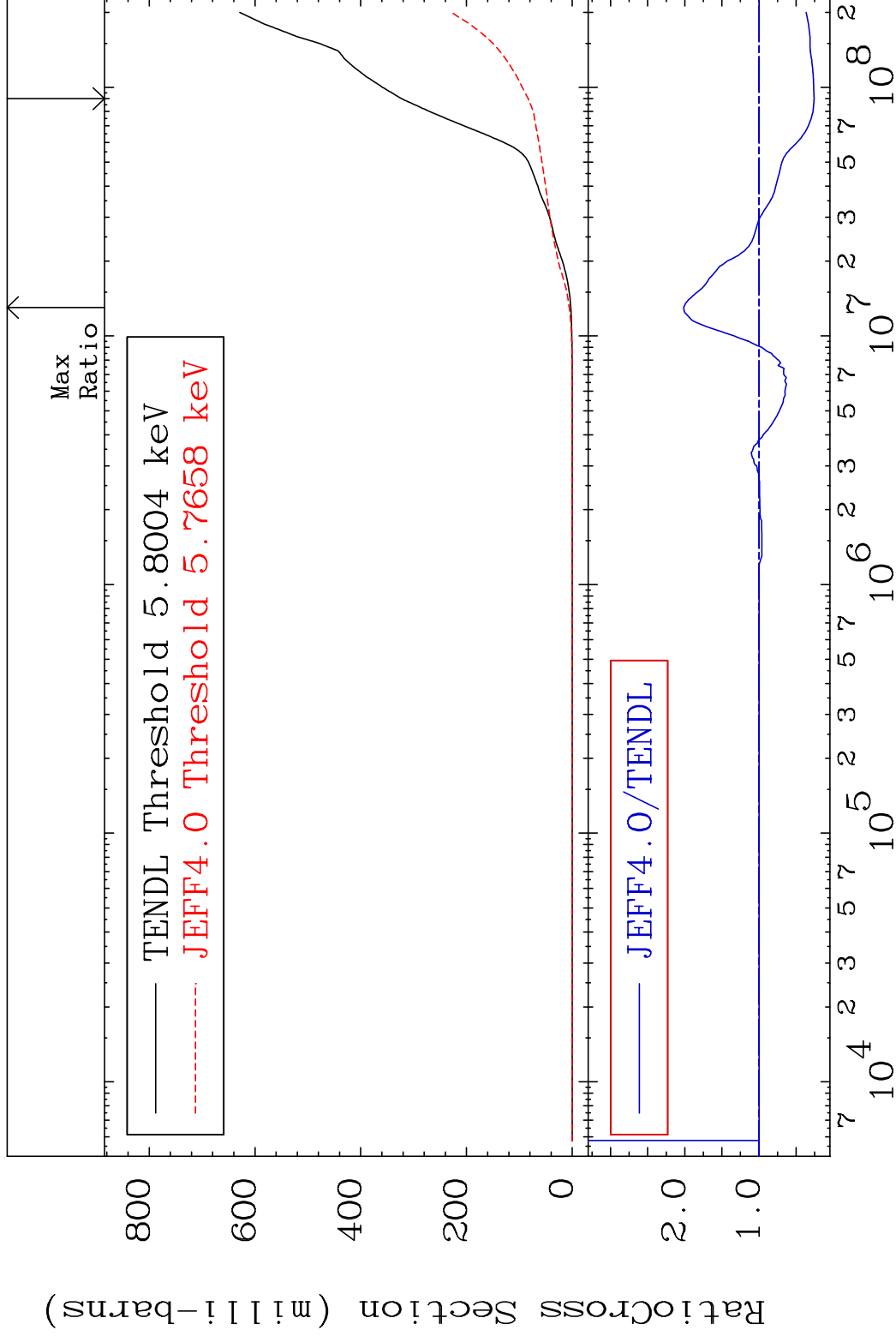
36-Kr-82

MAT 3637

He-4 Production

36-Kr-82

Cross Section -74.19 To 101.5 %

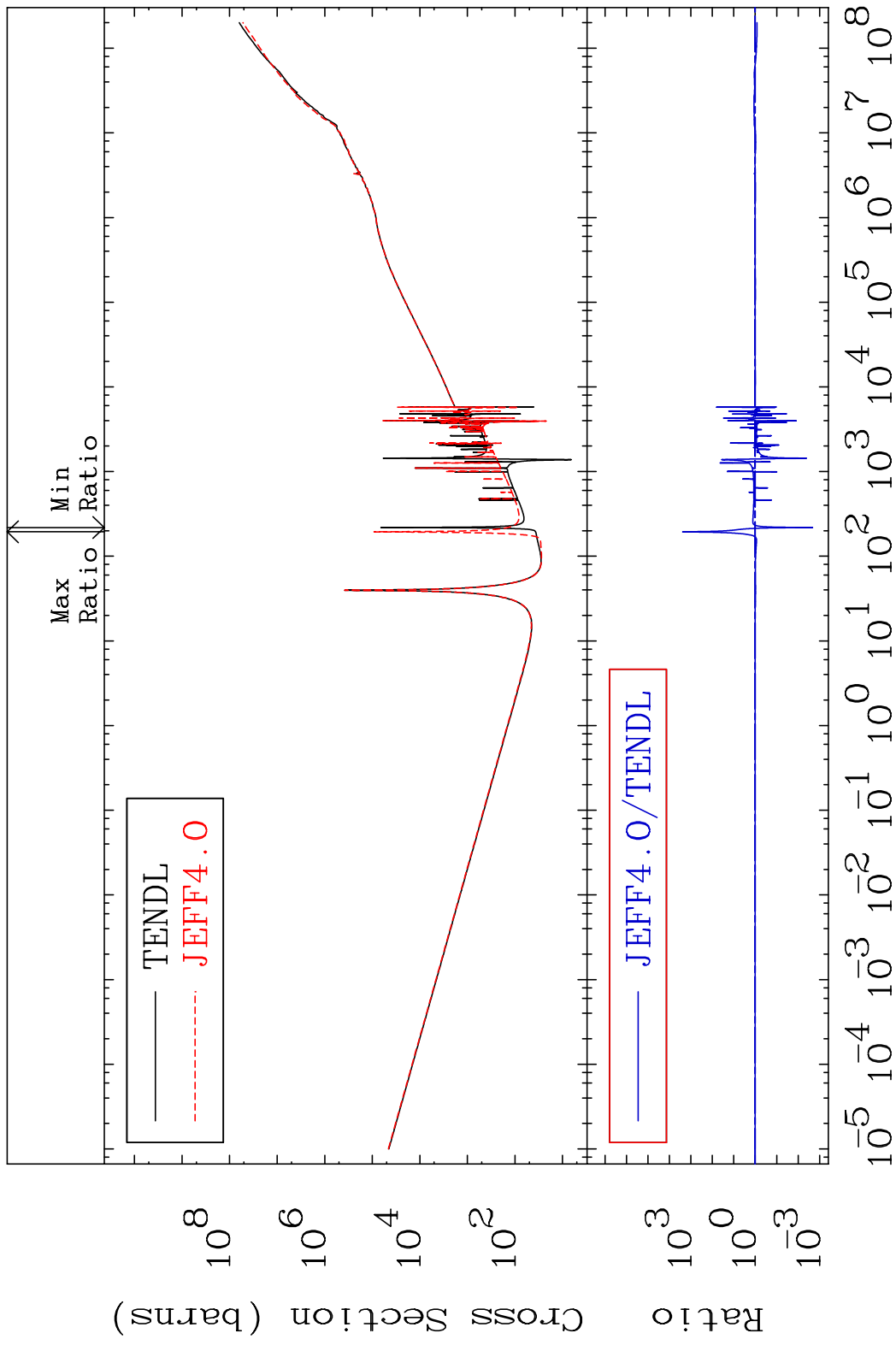


65

Incident Energy (eV)

36-Kr-82

MAT 3637 Kerma total (eV-barns) 36-Kr-82
 Cross Section -99.79 To 9999. %

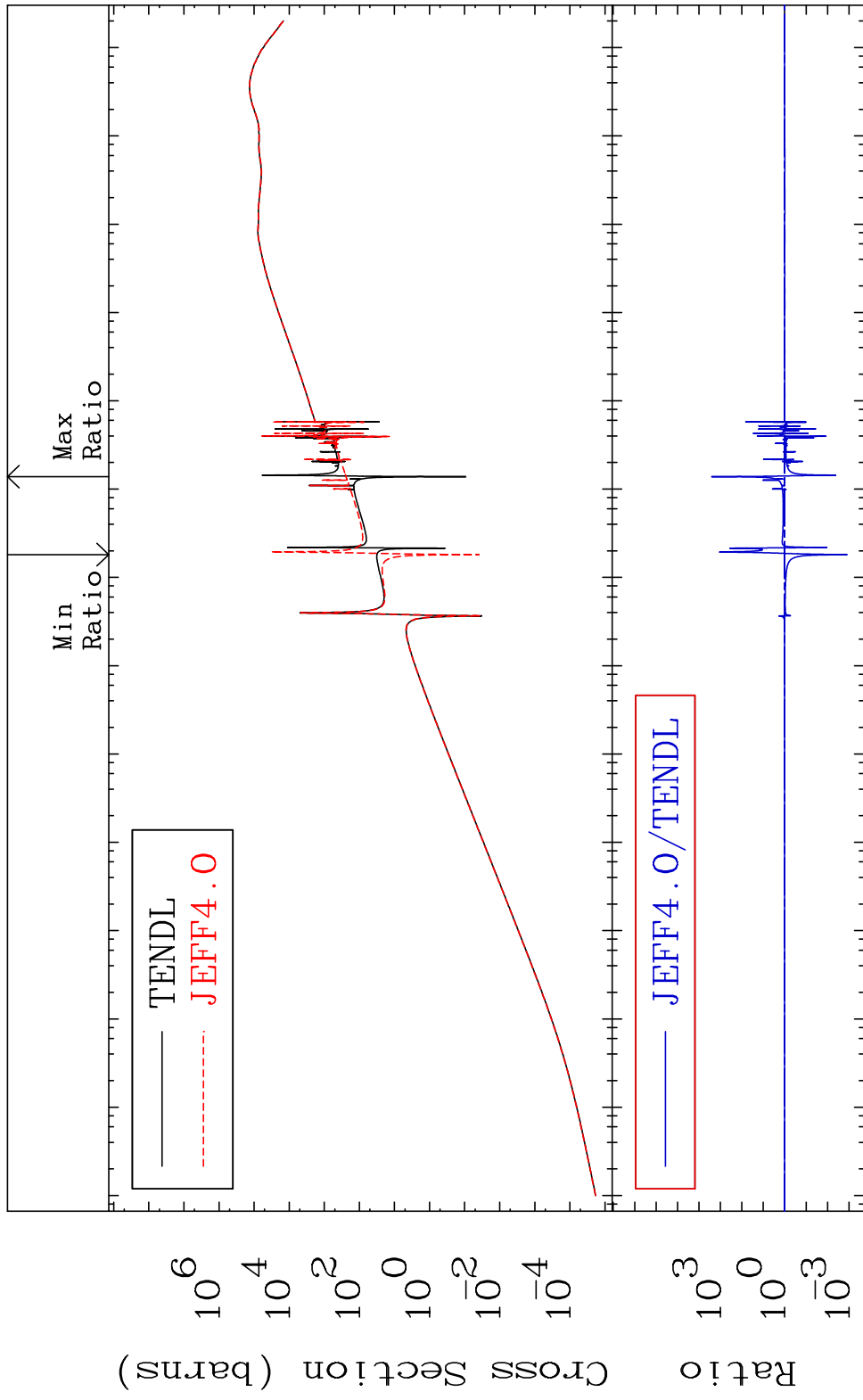


MAT 3637

Kerma elastic

36-Kr-82

Cross Section -99.88 To 9999. %

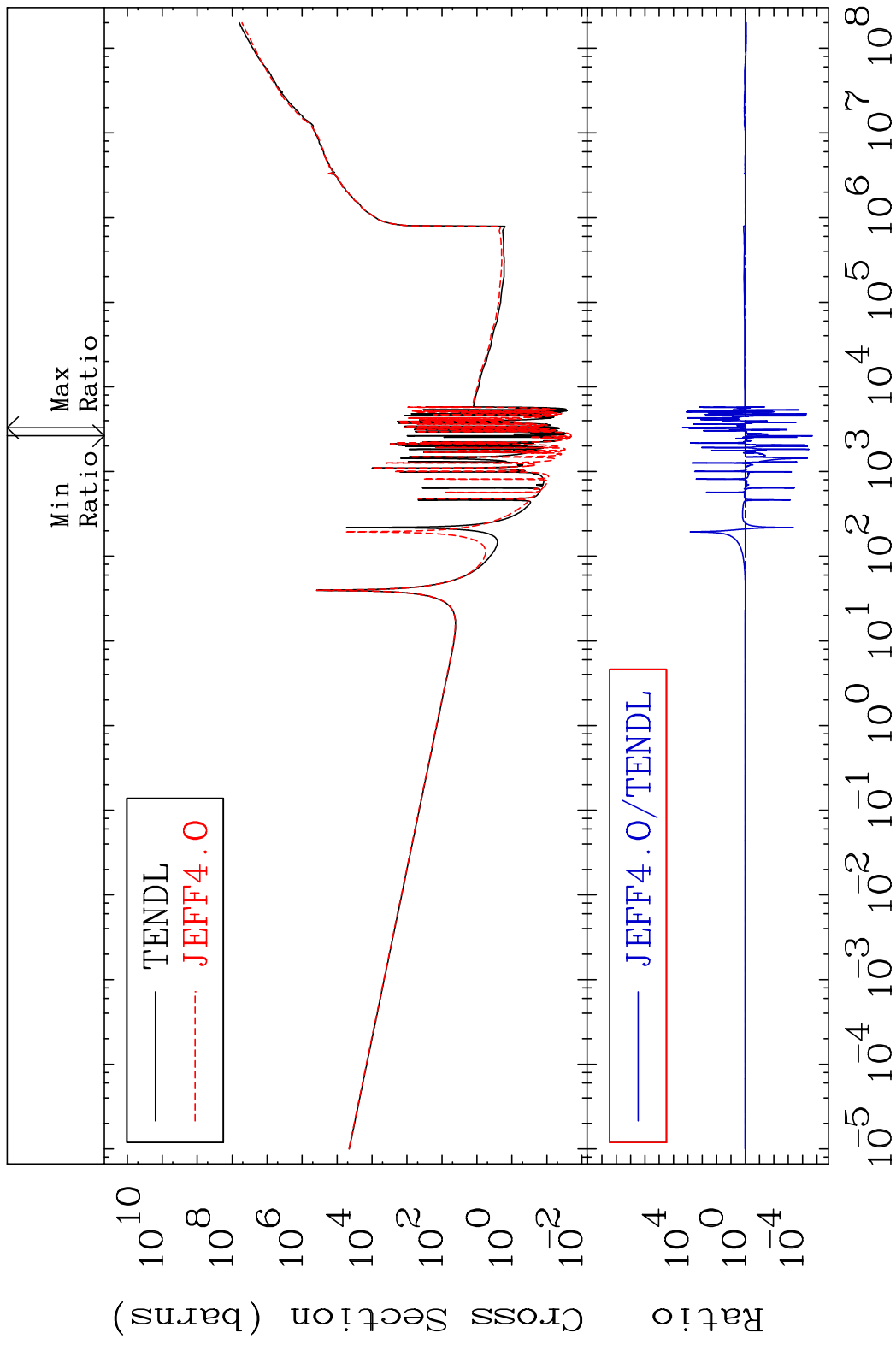


67

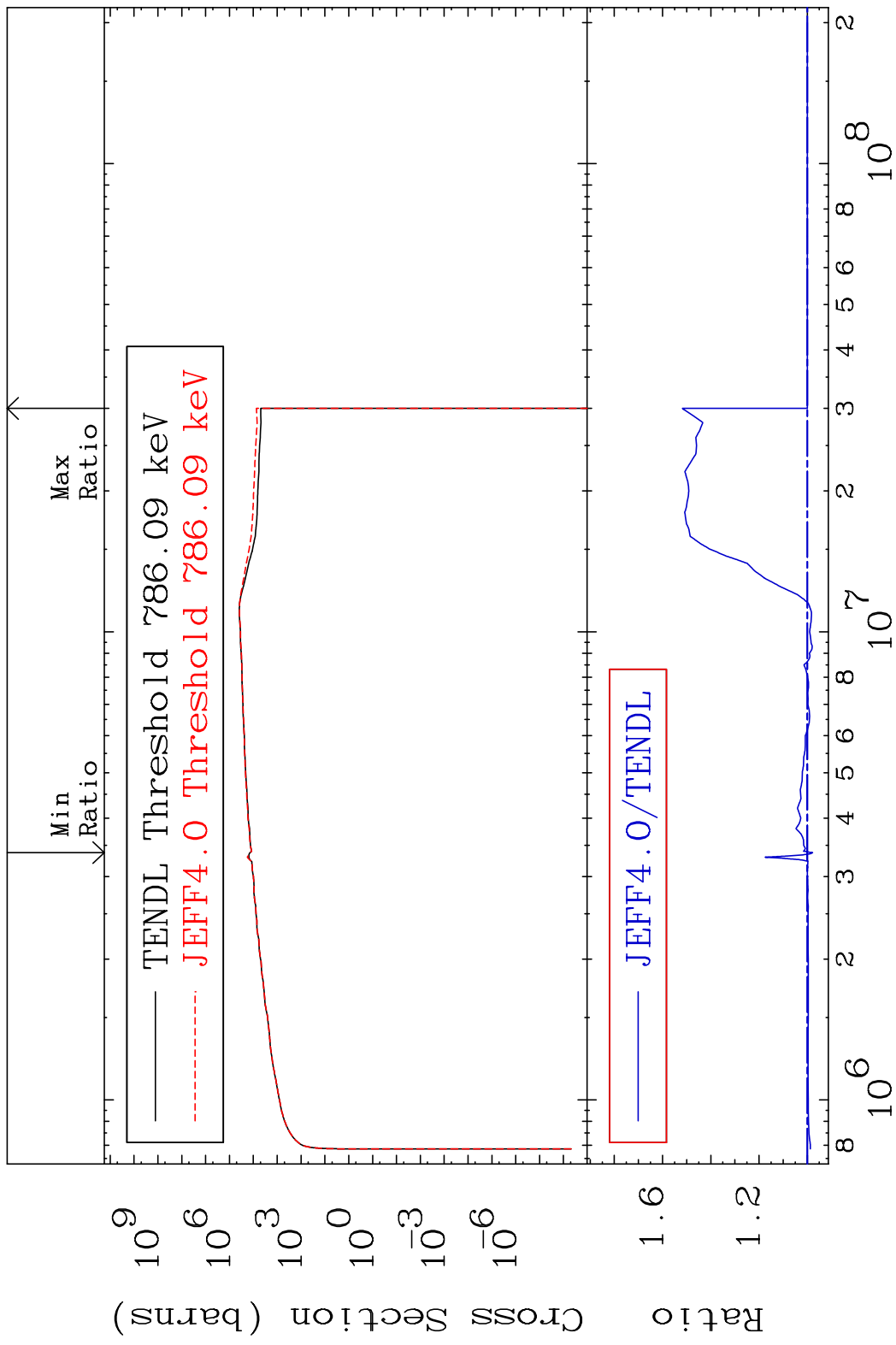
Incident Energy (eV)

36-Kr-82

MAT 3637 Kerma non-elastic (all but mt2) 36-Kr-82
 Cross Section -100.0 To 9999. %

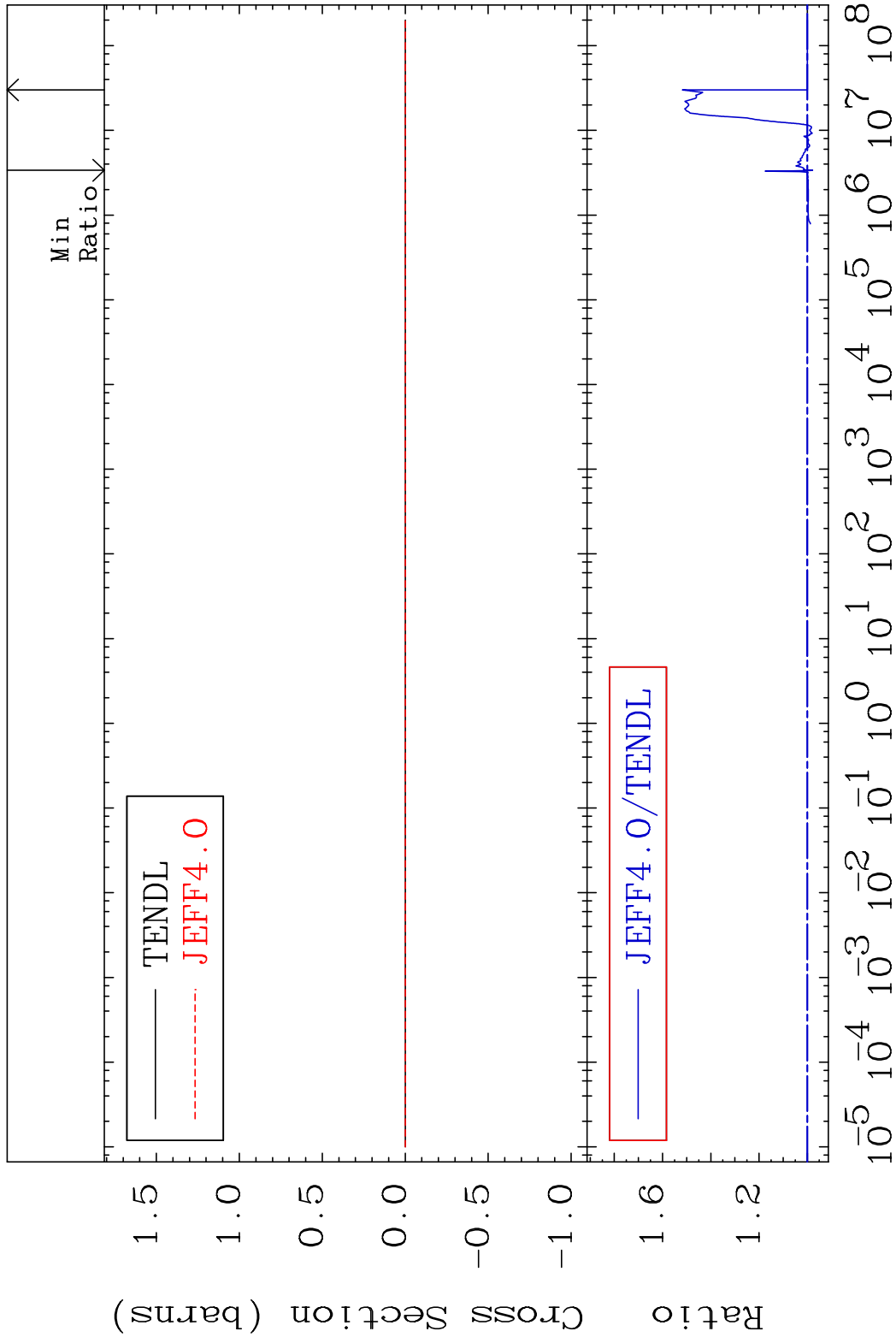


MAT 3637 Kerma inelastic (mt51-91) 36-Kr-82
 Cross Section -2.191 To 51.79 %



69 Incident Energy (eV) 36-Kr-82

MAT 3637 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-82
 Cross Section -2.191 To 51.79 %

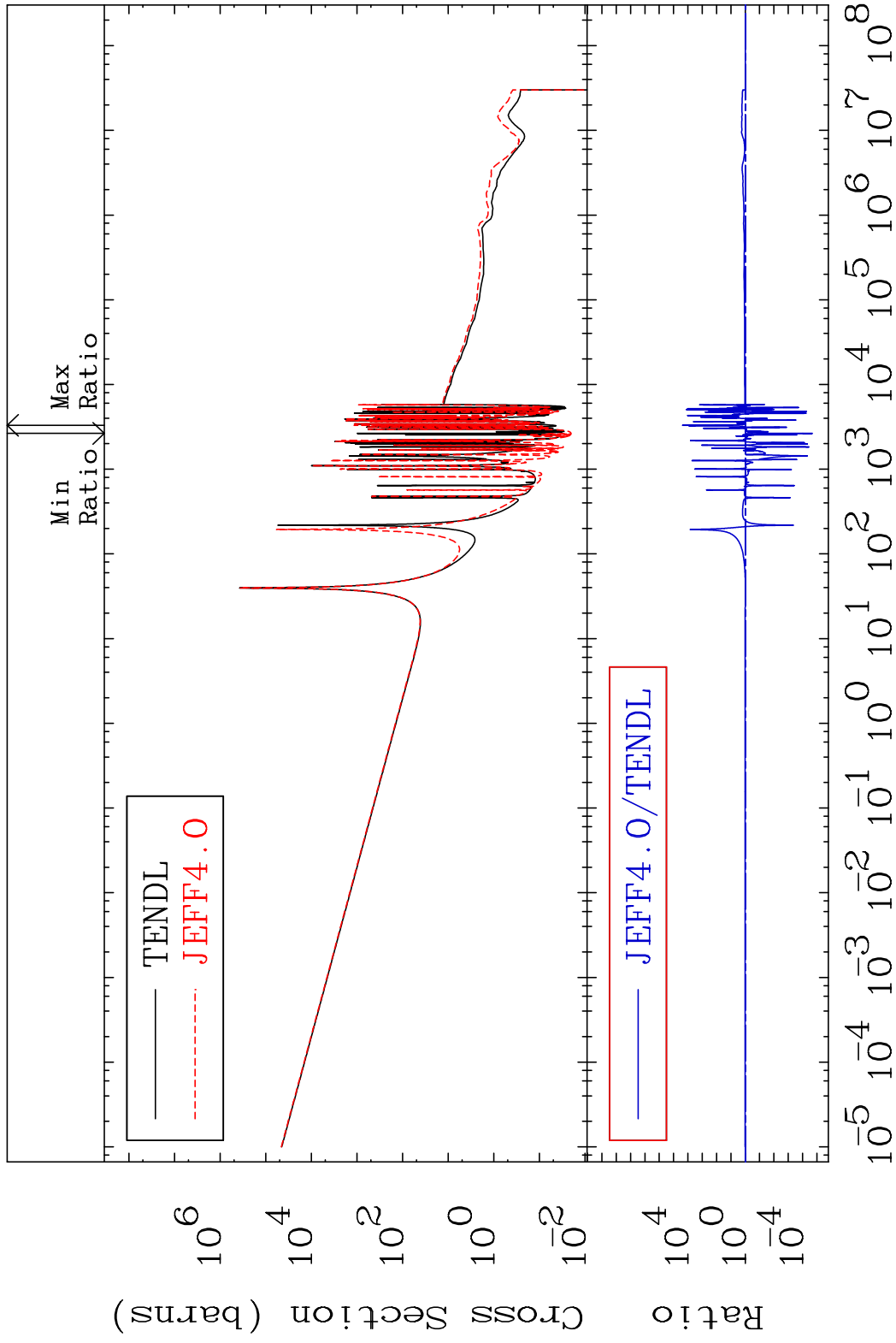


MAT 3637

Kerma capture (mt102)

36-Kr-82

Cross Section -100.0 To 9999. %



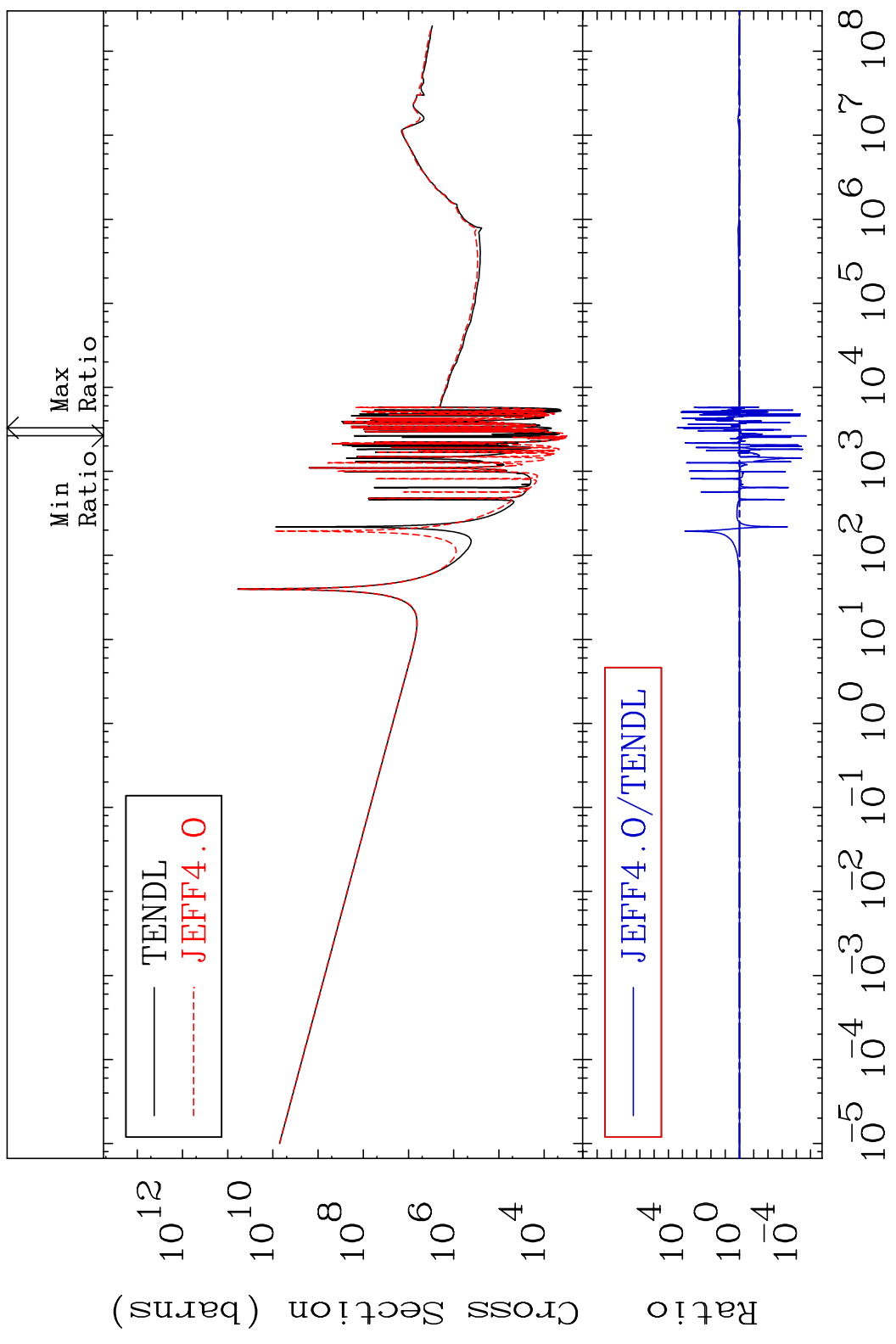
71

Incident Energy (eV)

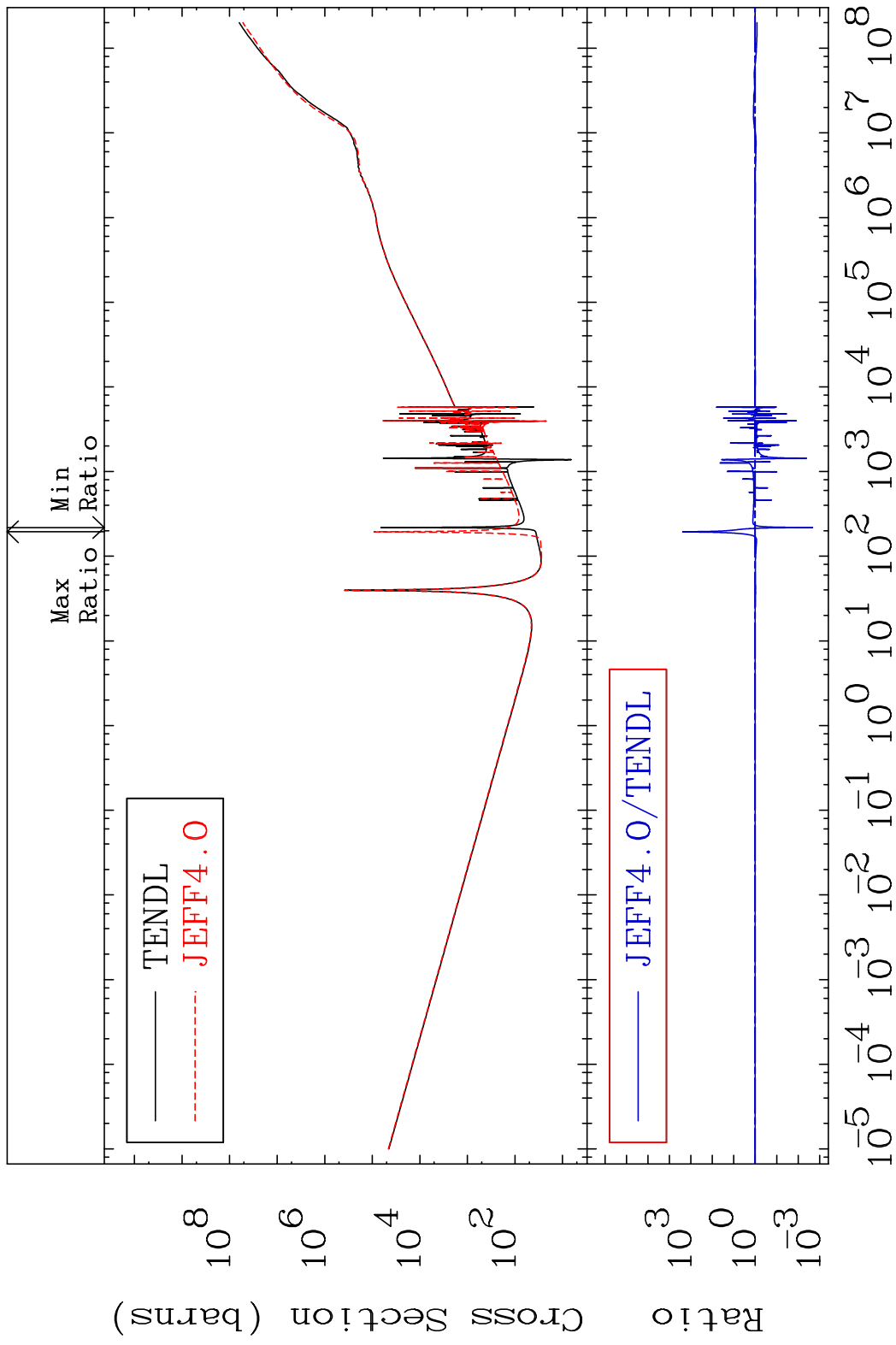
36-Kr-82

MAT 3637

Total photon (eV-barns) 36-Kr-82
Cross Section -100.0 To 9999. %



MAT 3637 Total kinematic kerma (high limit) 36-Kr-82
 Cross Section -99.79 To 9999. %

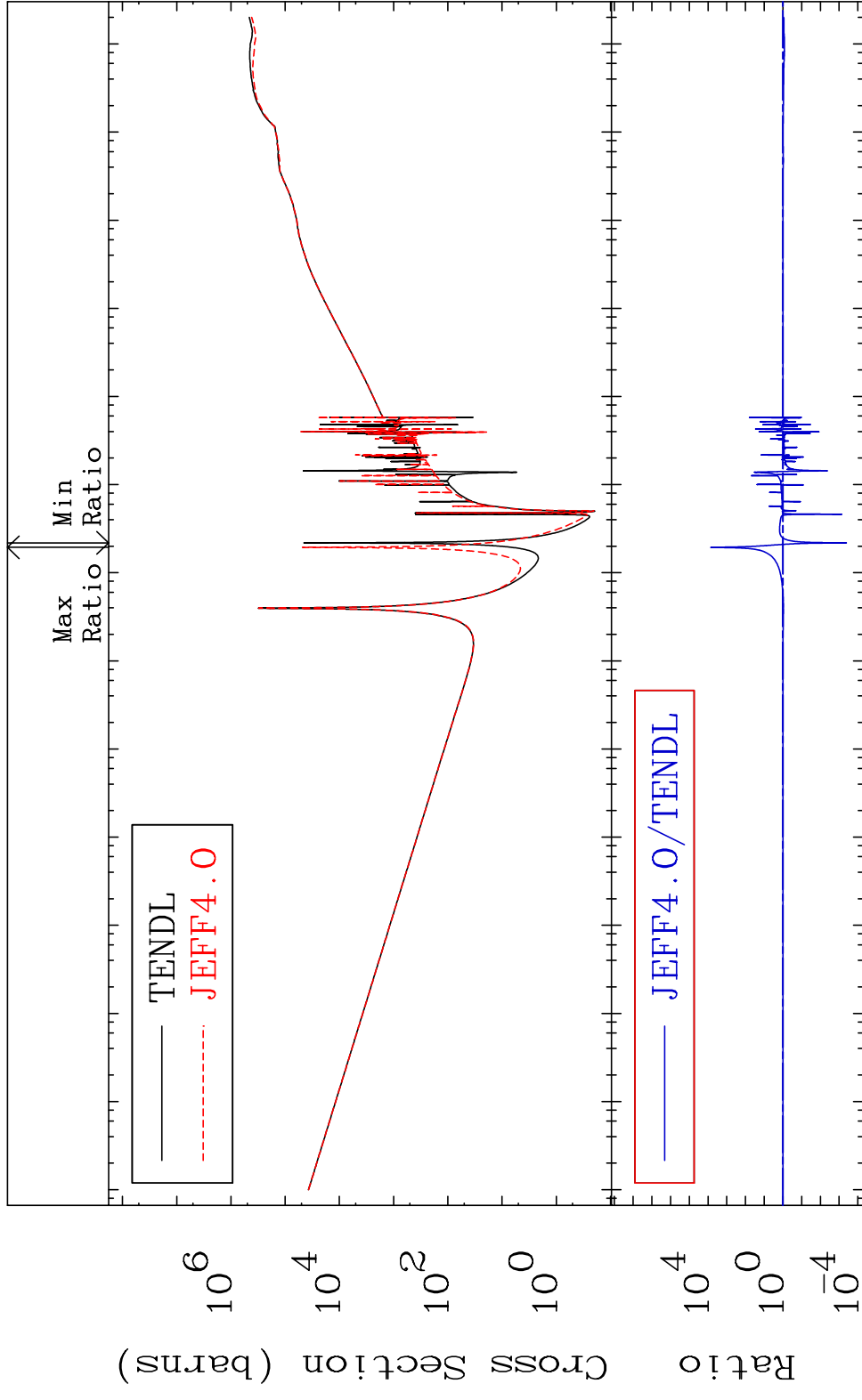


MAT 3637

Dpa total (eV-barns)

36-Kr-82

Cross Section -99.96 To 9999. %



74

Incident Energy (eV)

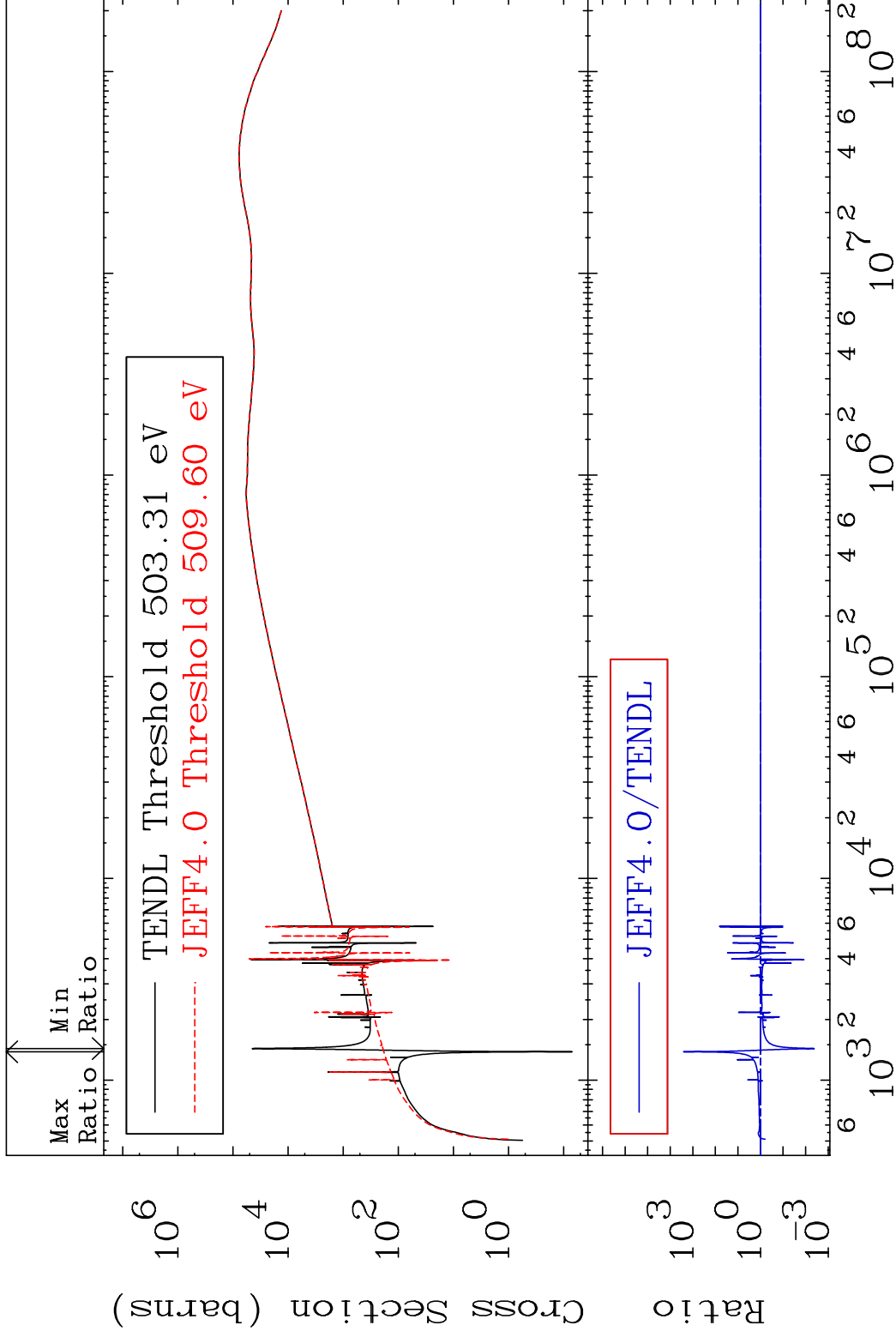
36-Kr-82

MAT 3637

Dpa elastic (mt2)

36-Kr-82

Cross Section -99.57 To 9999. %



75

Incident Energy (eV)

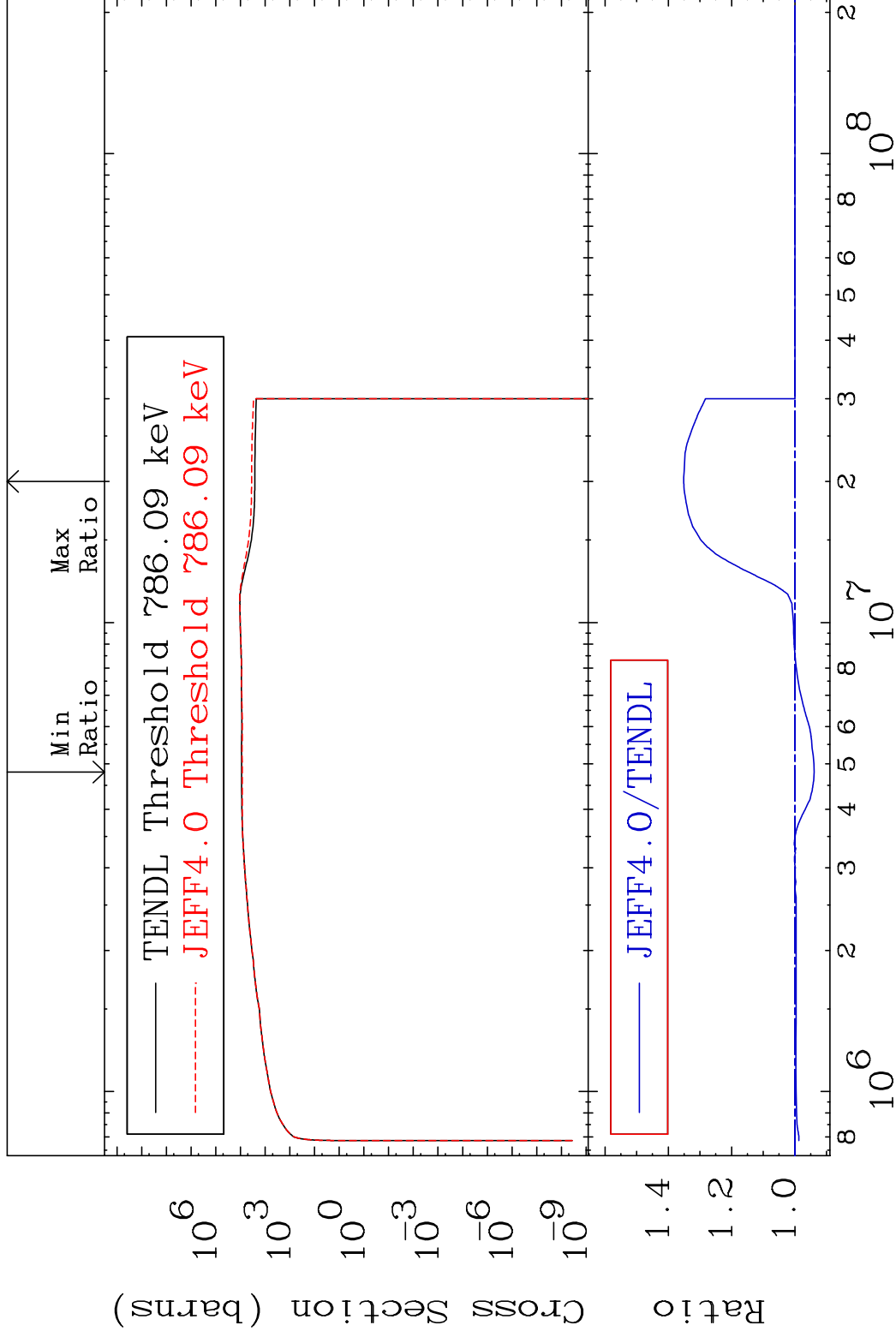
36-Kr-82

MAT 3637

Dpa inelastic (mt51-91)

36-Kr-82

Cross Section -6.074 To 35.15 %

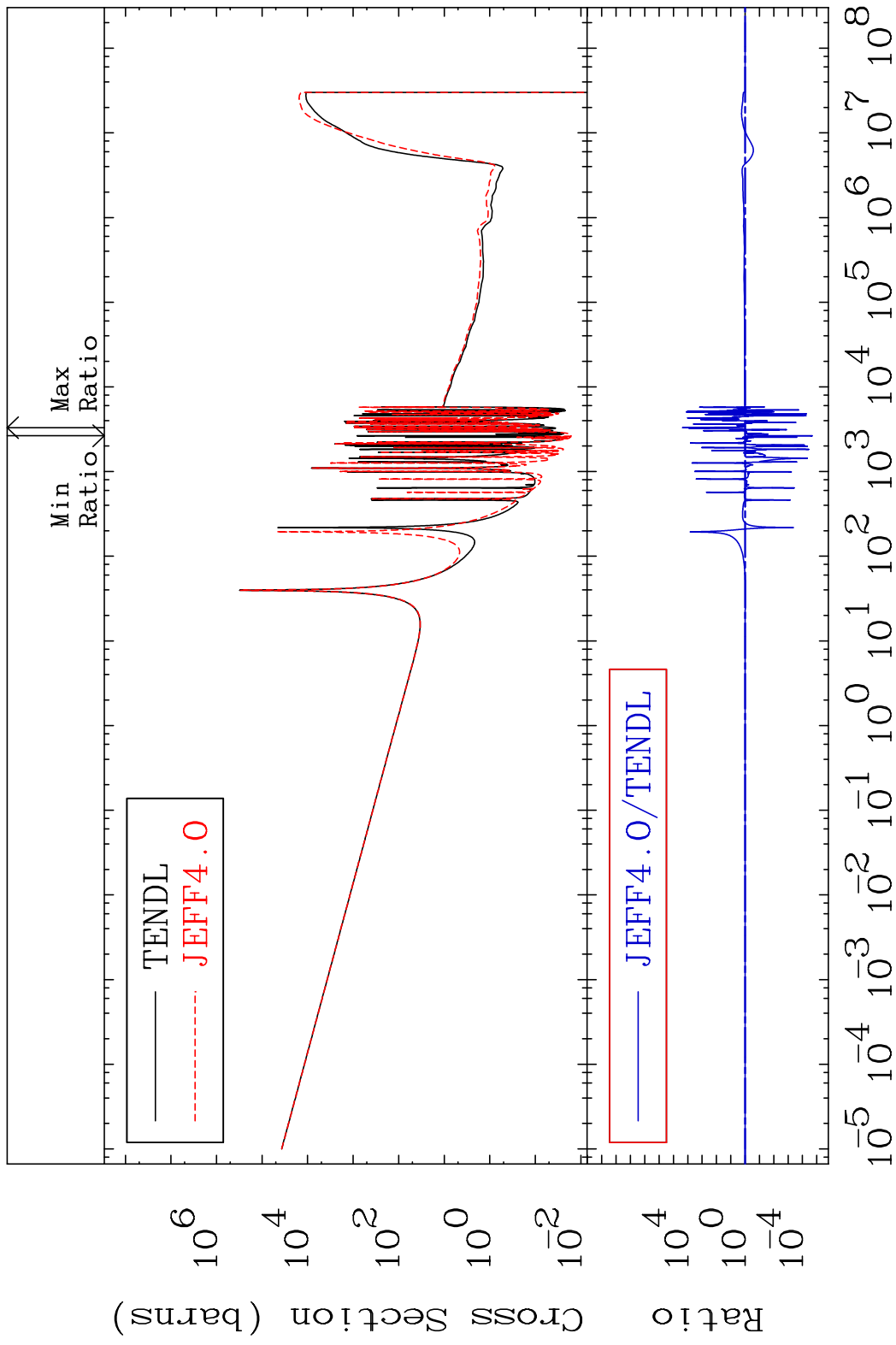


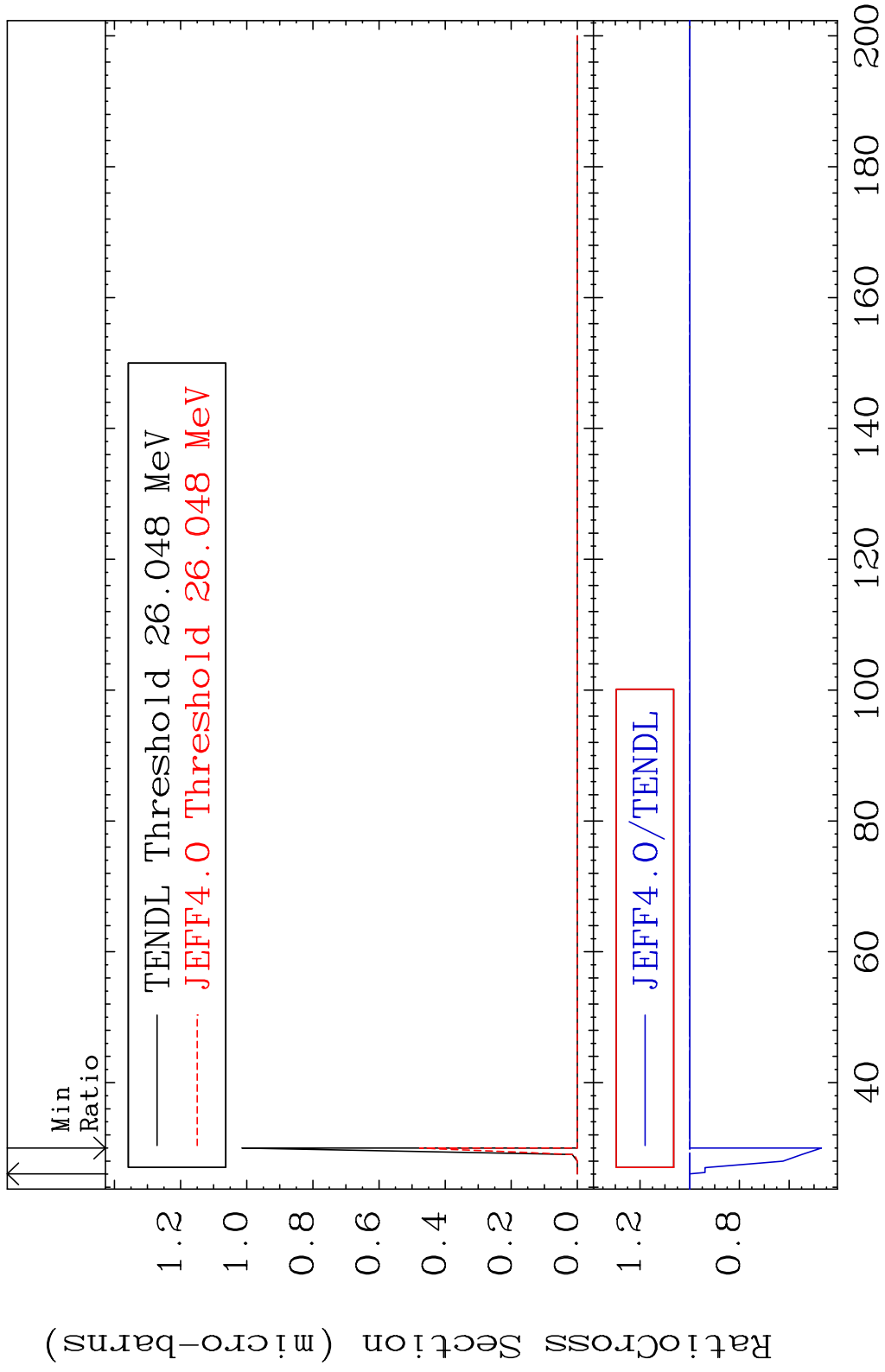
76

Incident Energy (eV)

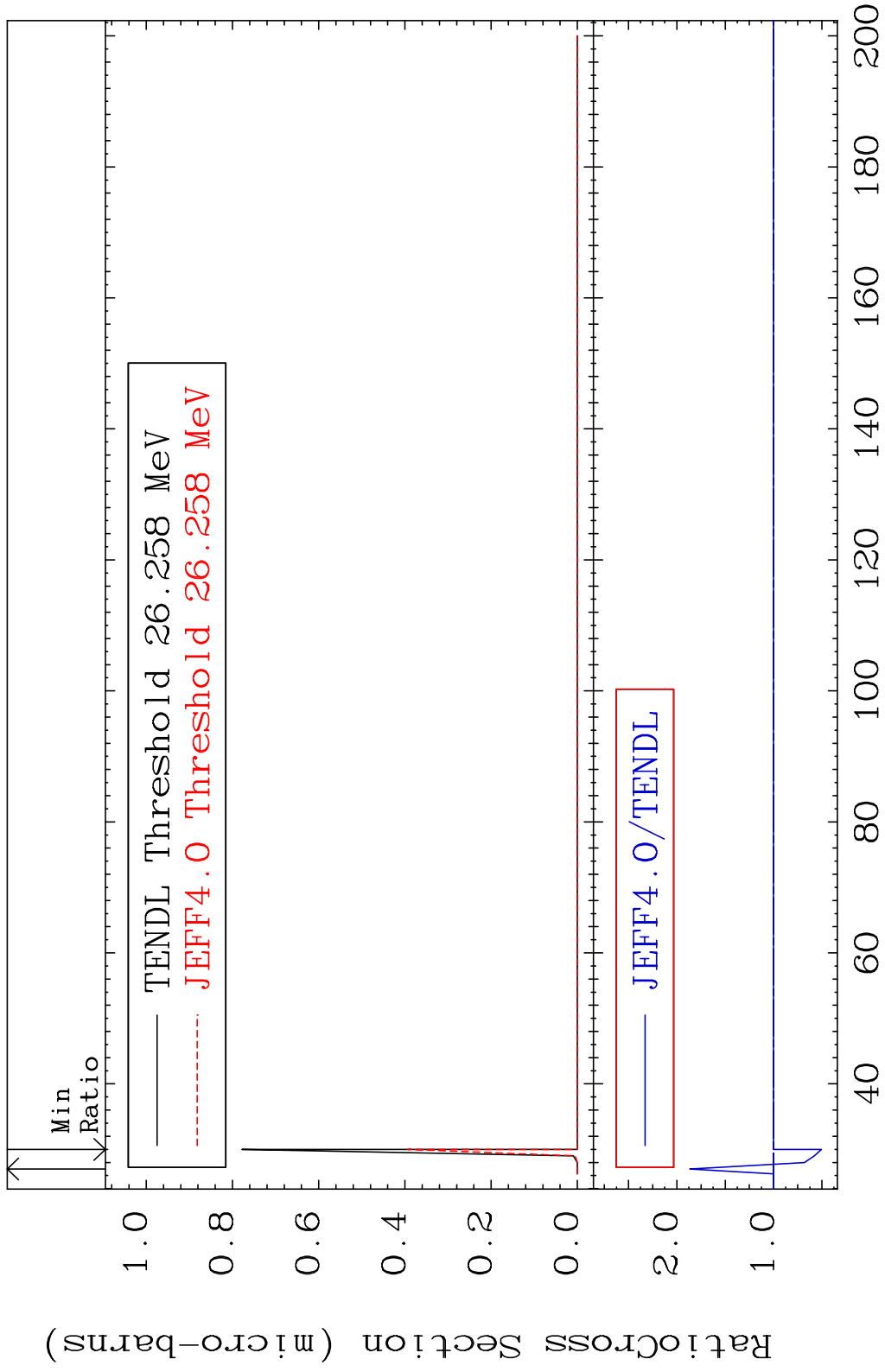
36-Kr-82

MAT 3637 Dpa disappearance (mt102 -120) 36-Kr-82
 Cross Section -100.0 To 9999. %

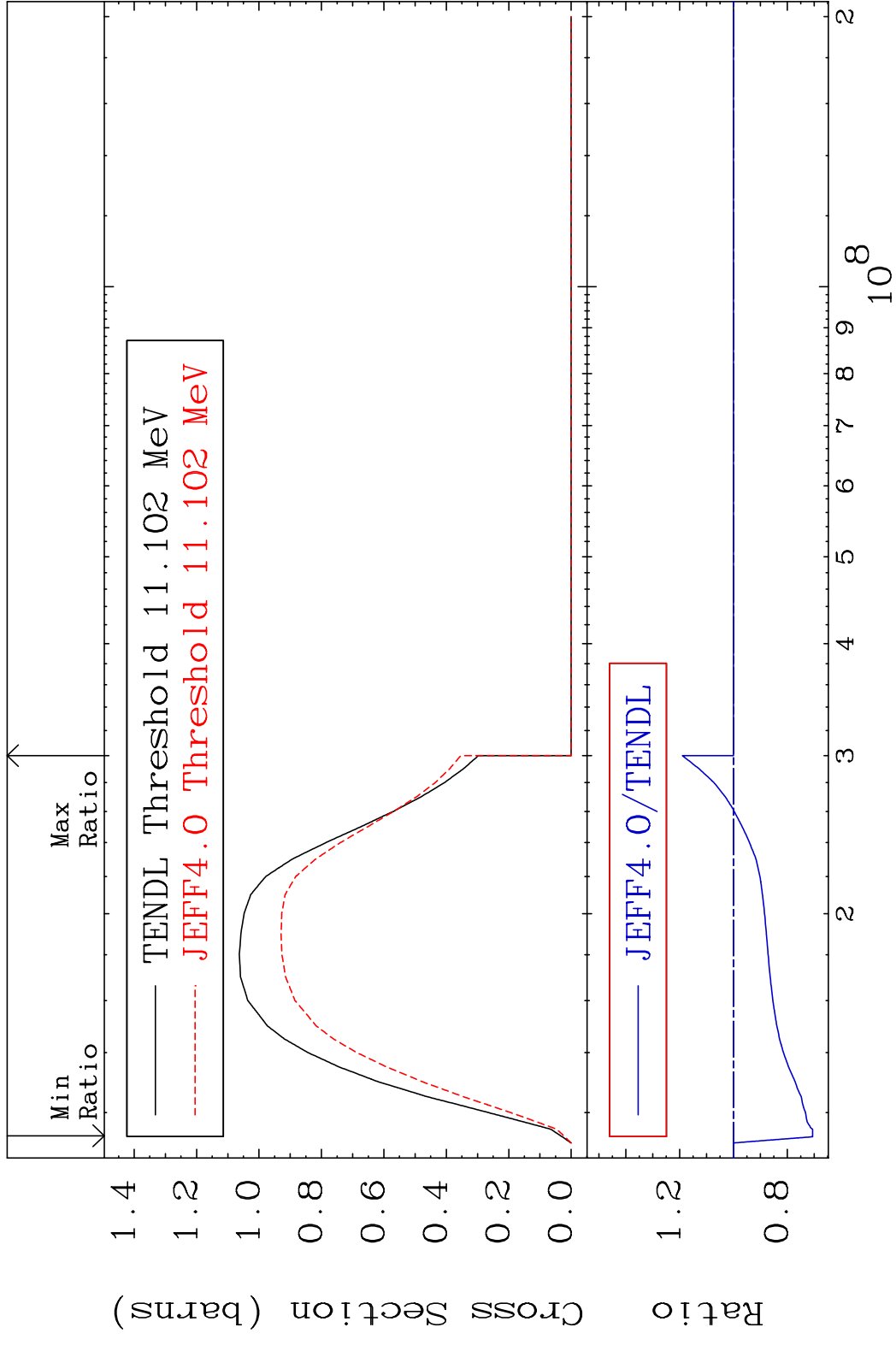




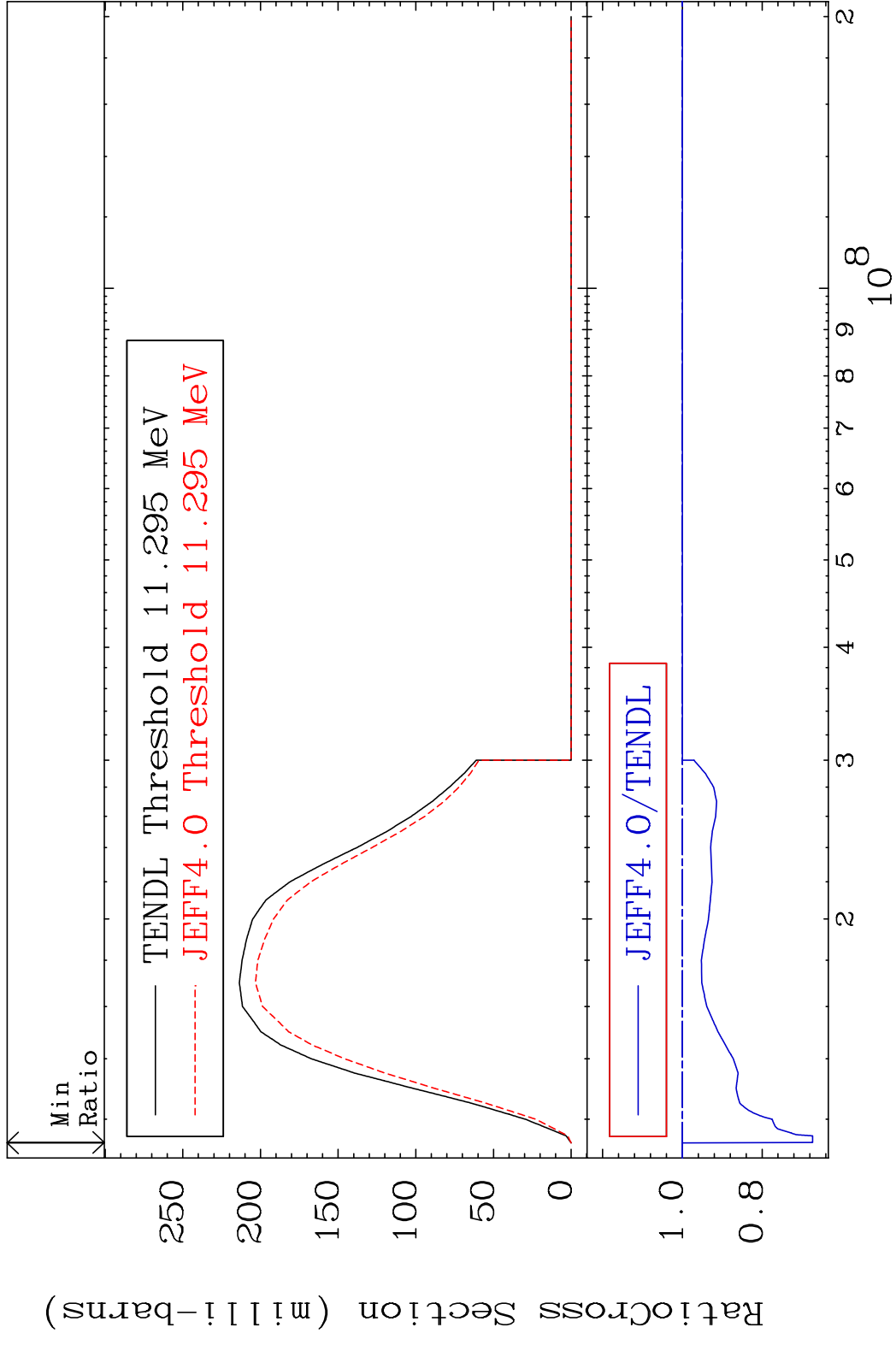
MAT 3637 (n,2n) d:35-Br-79m1 36-Kr-82
 Radionuclide Production Cross Section 49.471 dno 86.63 %



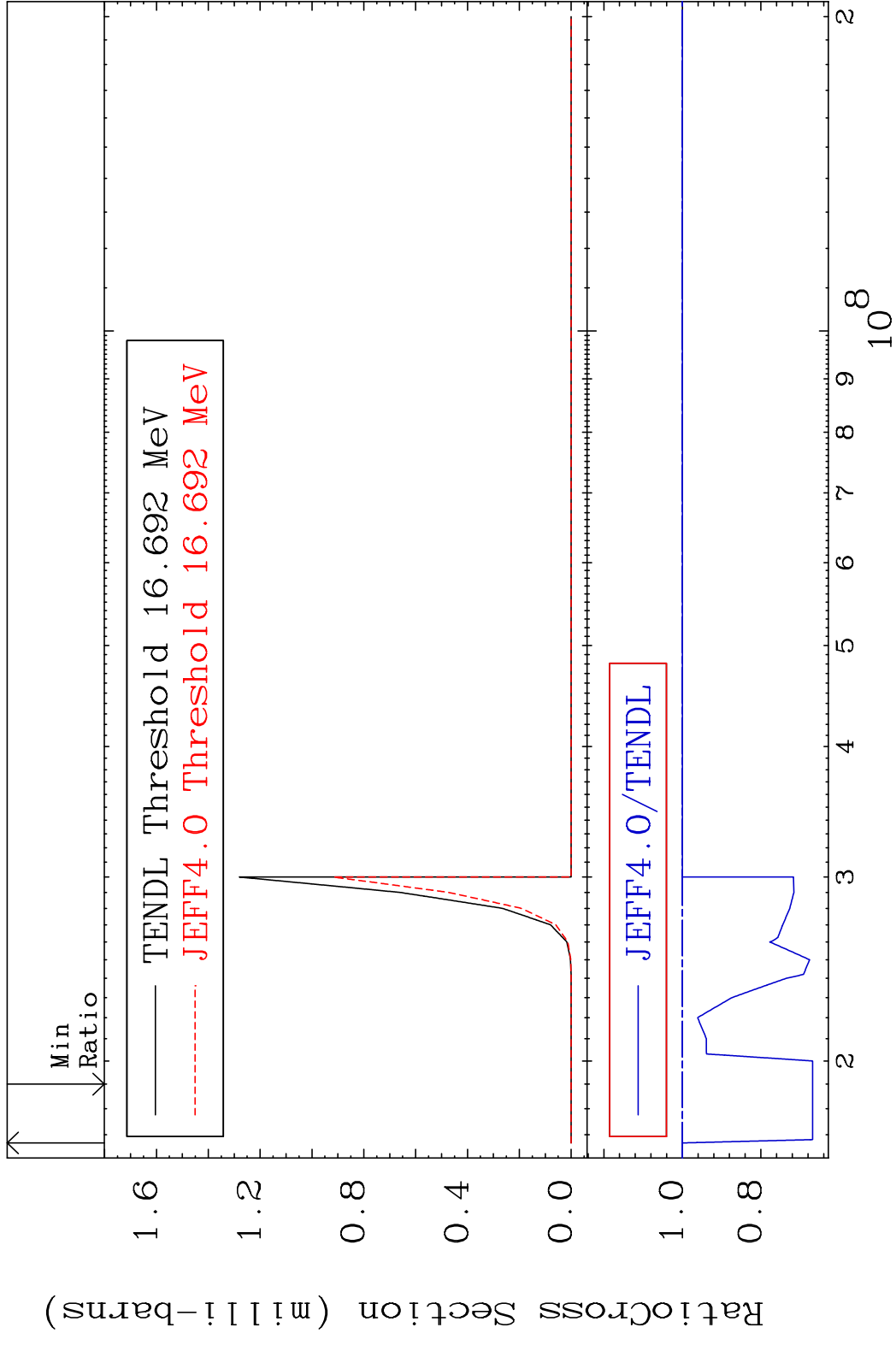
MAT 3637 (n,2n):36-Kr-81g 36-Kr-82
 Radionuclide Production Cross Section 19.02 %



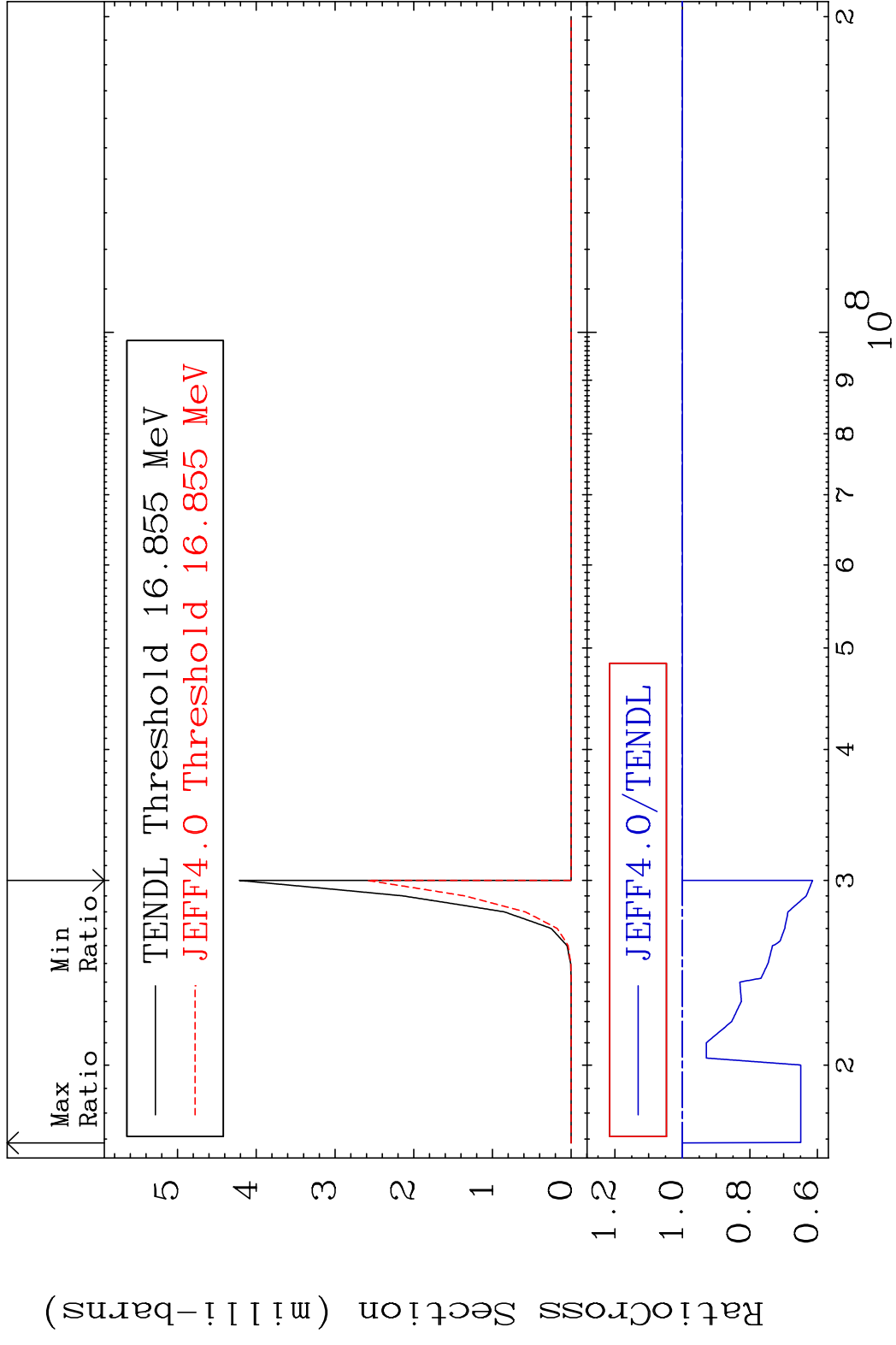
MAT 3637 (n,2n):36-Kr-81m2 36-Kr-82
 Radionuclide Production Cross Section 0.000 %



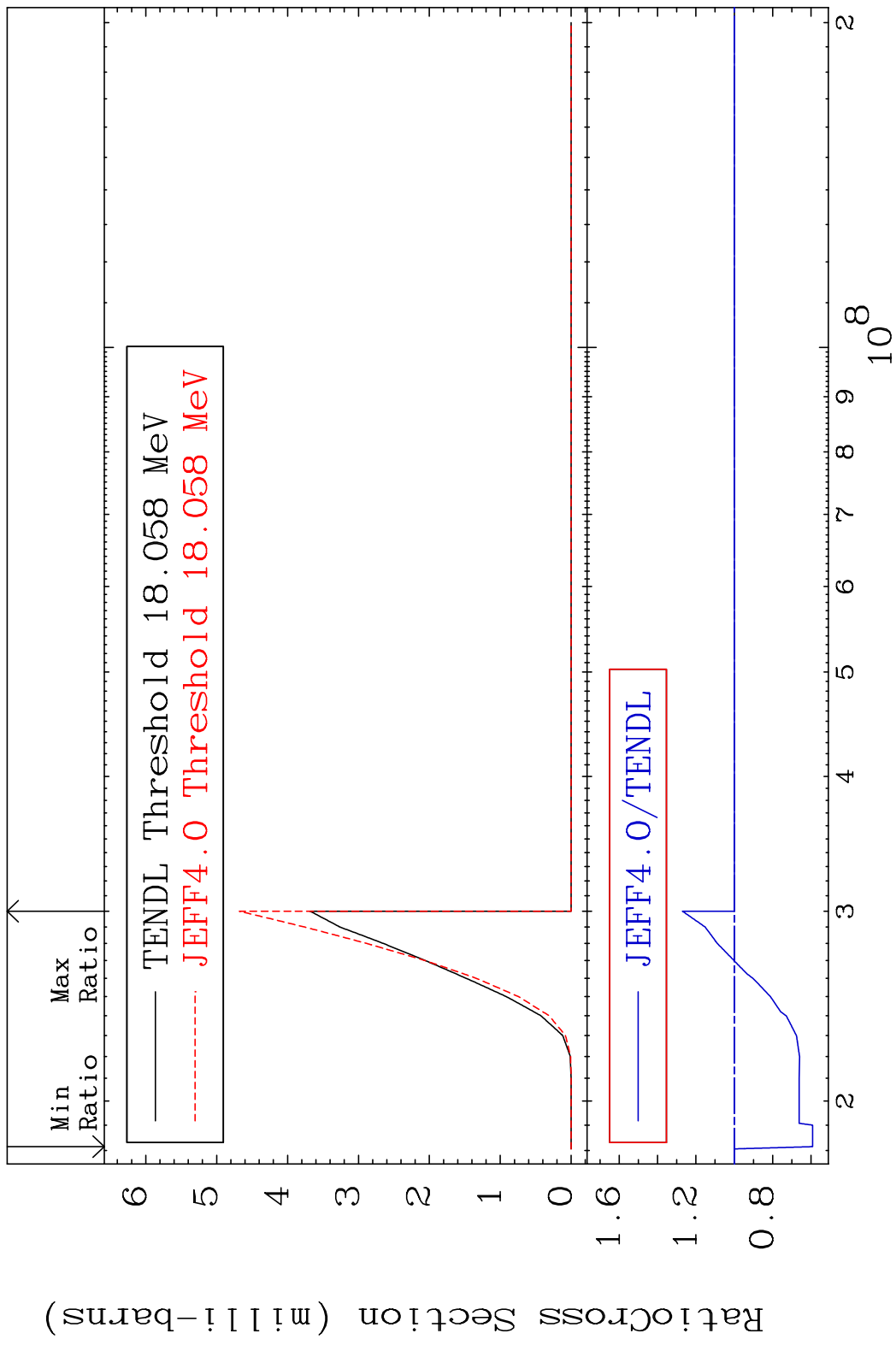
MAT 3637 (n,2n) α :34-Se-77g 36-Kr-82
 Radionuclide Production Cross Section 0.000 %

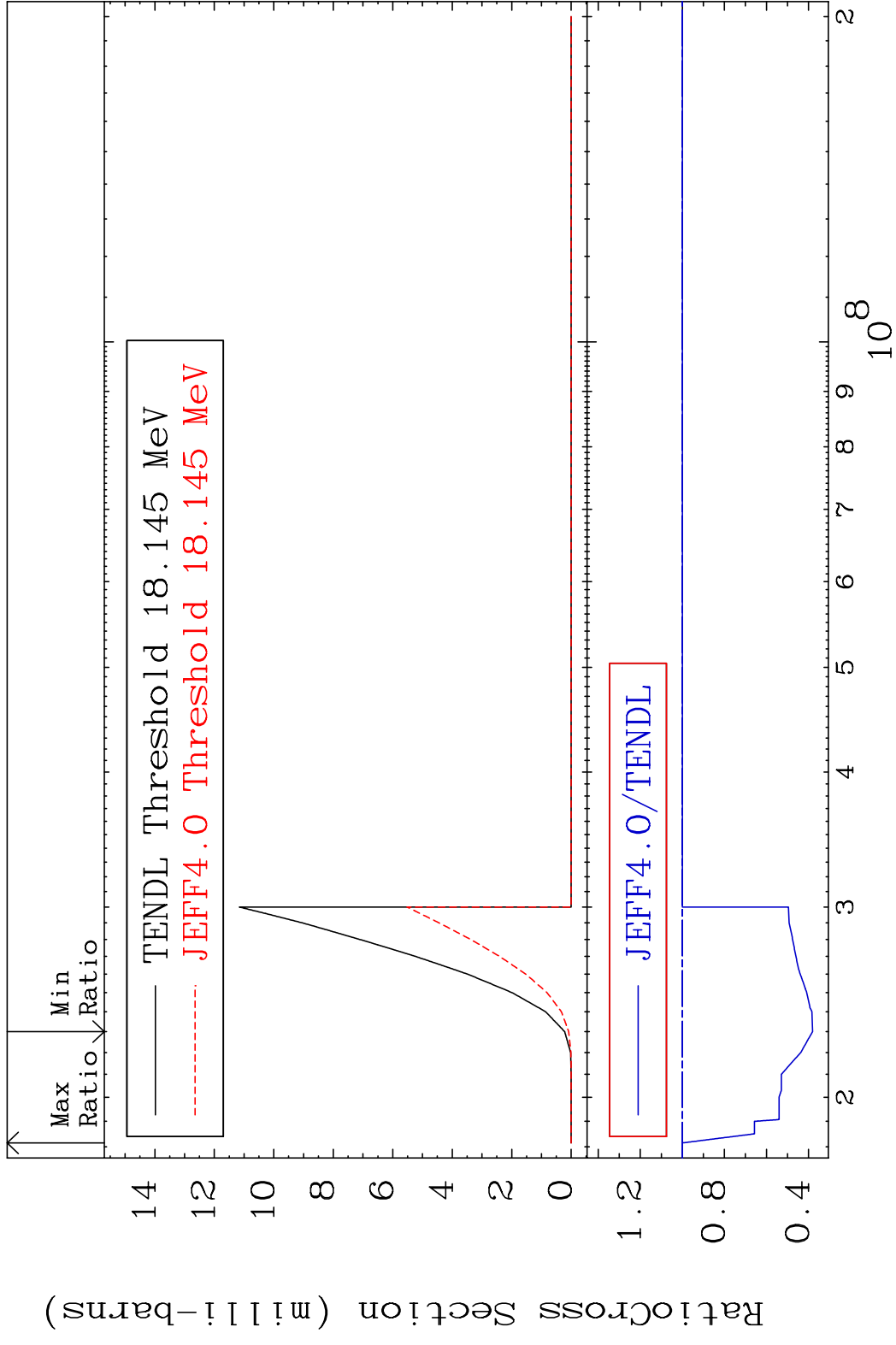


MAT 3637 (n,2n) α :34-Se-77m1 36-Kr-82
 Radionuclide Production Cross Section 0.000 %

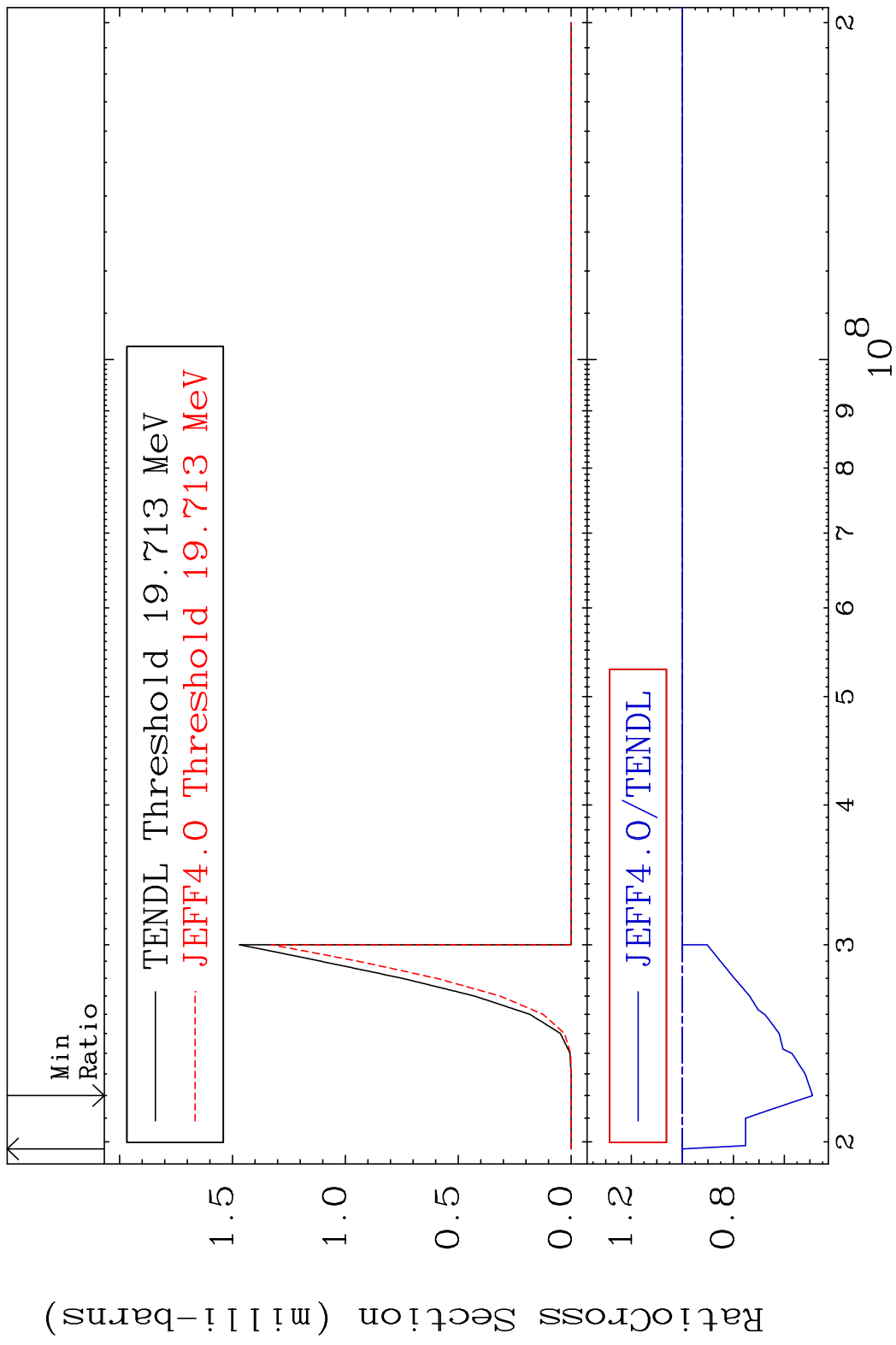


MAT 3637 (n, n') d:35-Br-80g 36-Kr-82
 Radionuclide Production Cross Section 27.07 %

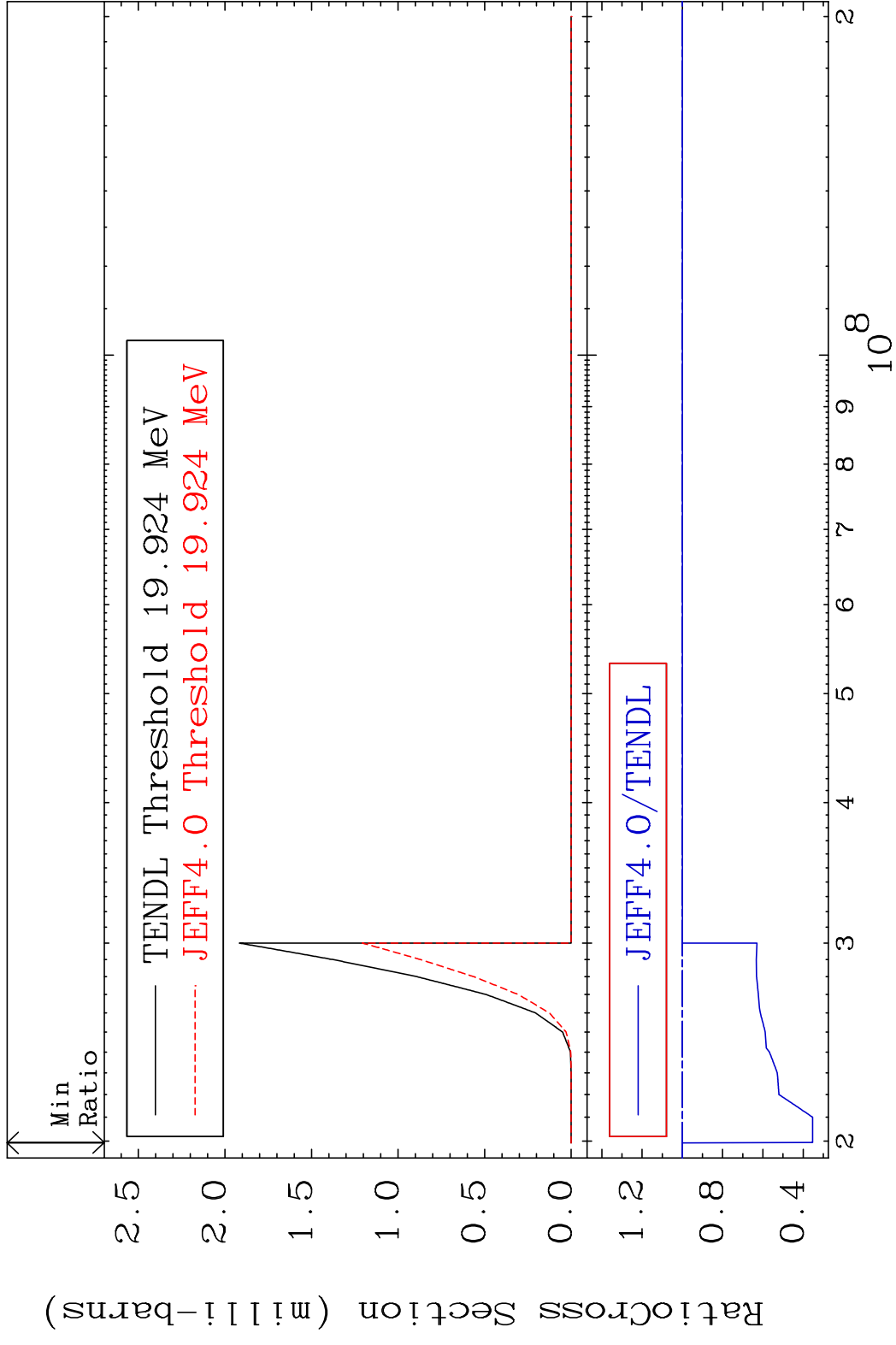


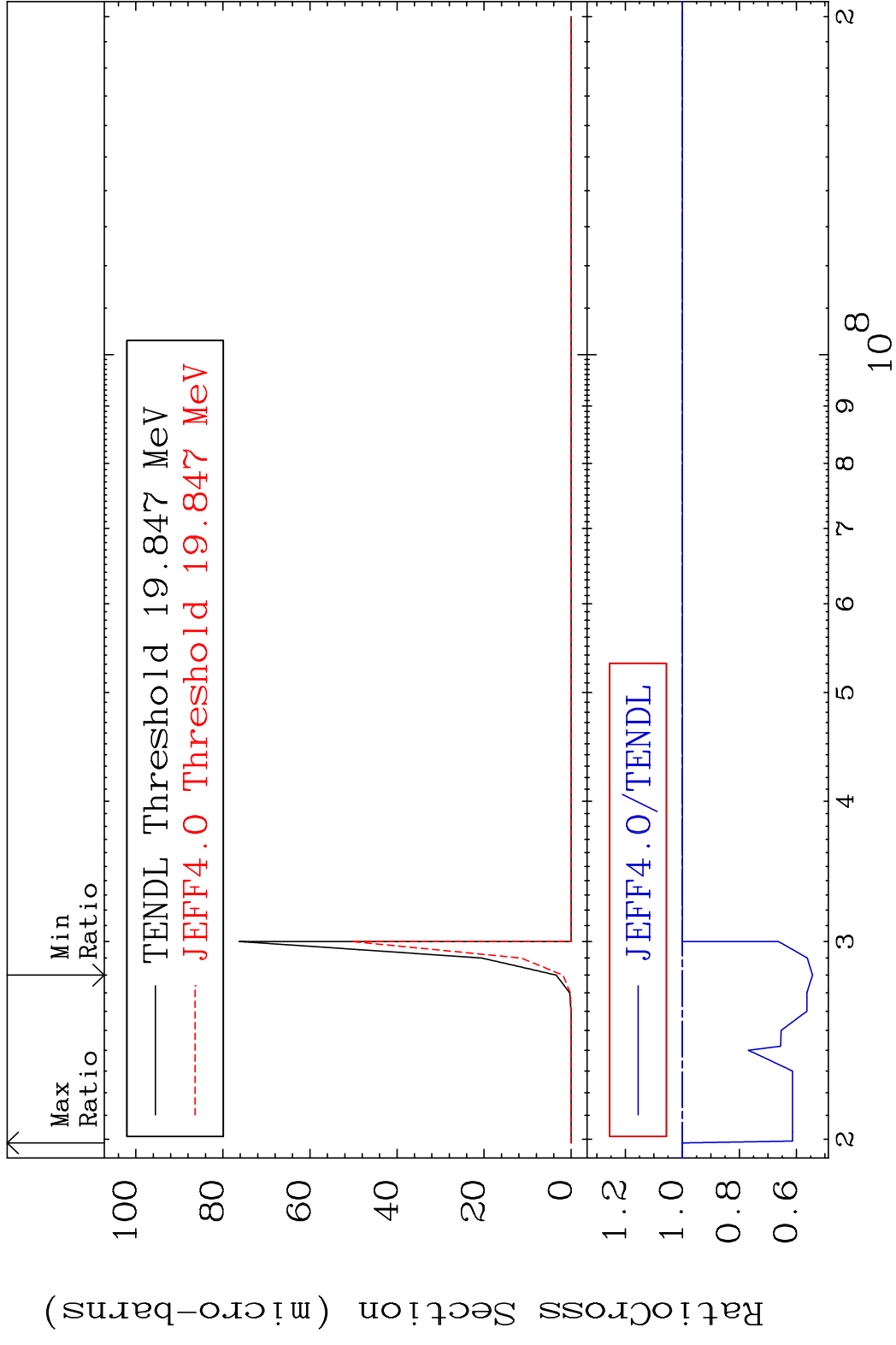


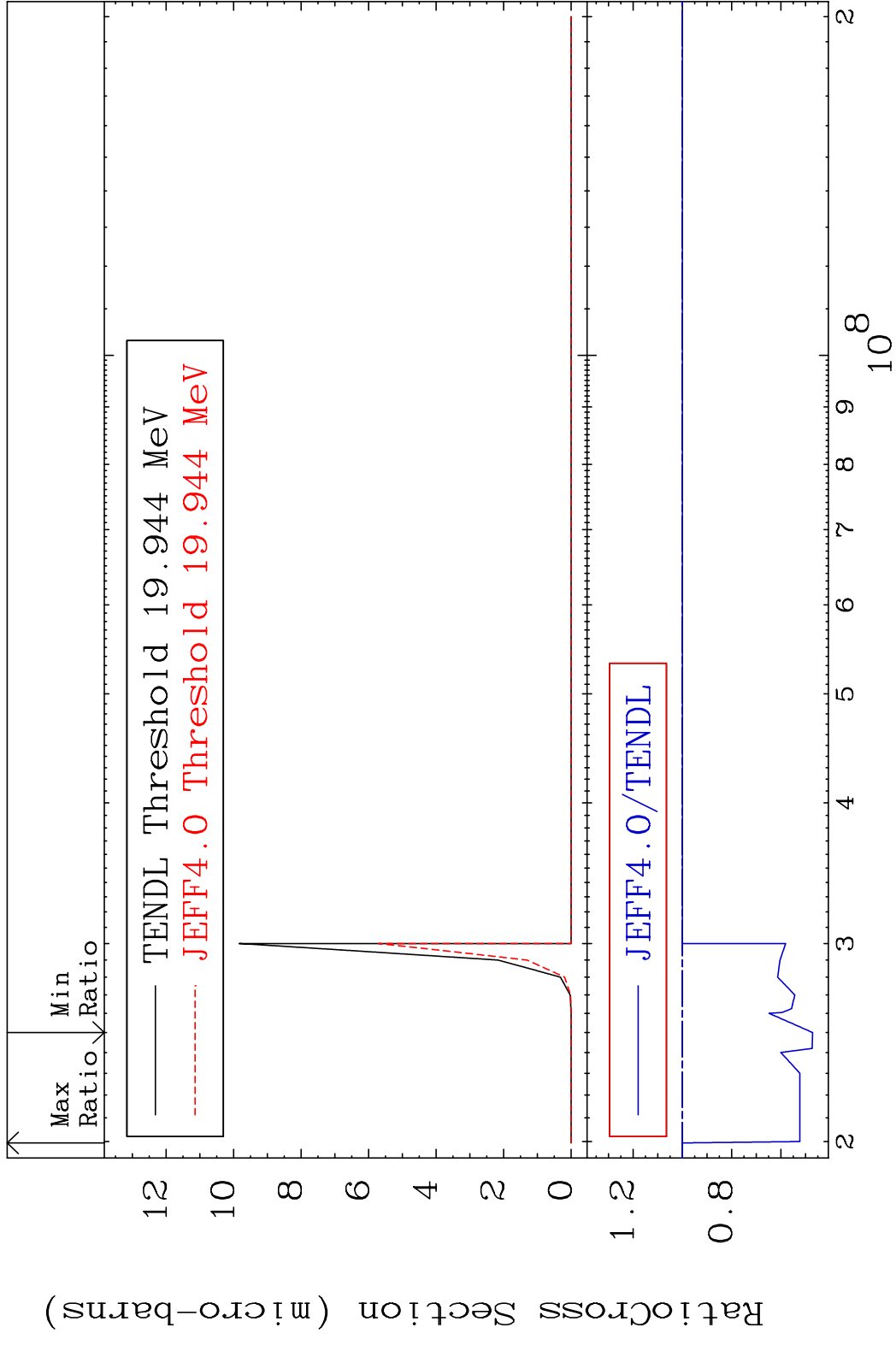
MAT 3637 (n, n') t:35-Br-79g 36-Kr-82
 Radionuclide Production Cross Section 0.000 %



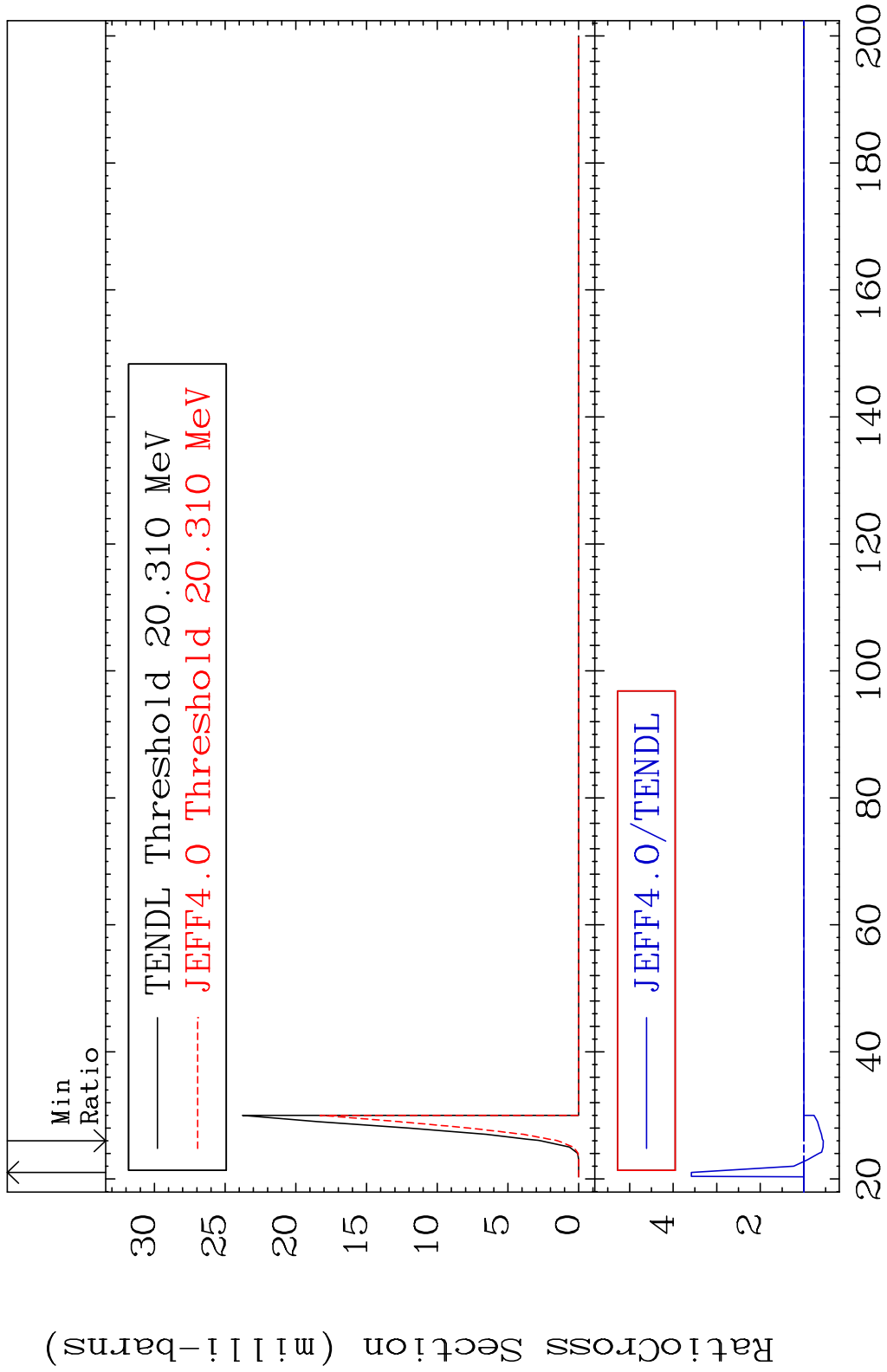
MAT 3637 (n, n') t:35-Br-79m1 36-Kr-82
 Radionuclide Production Cross Section 0.000 %





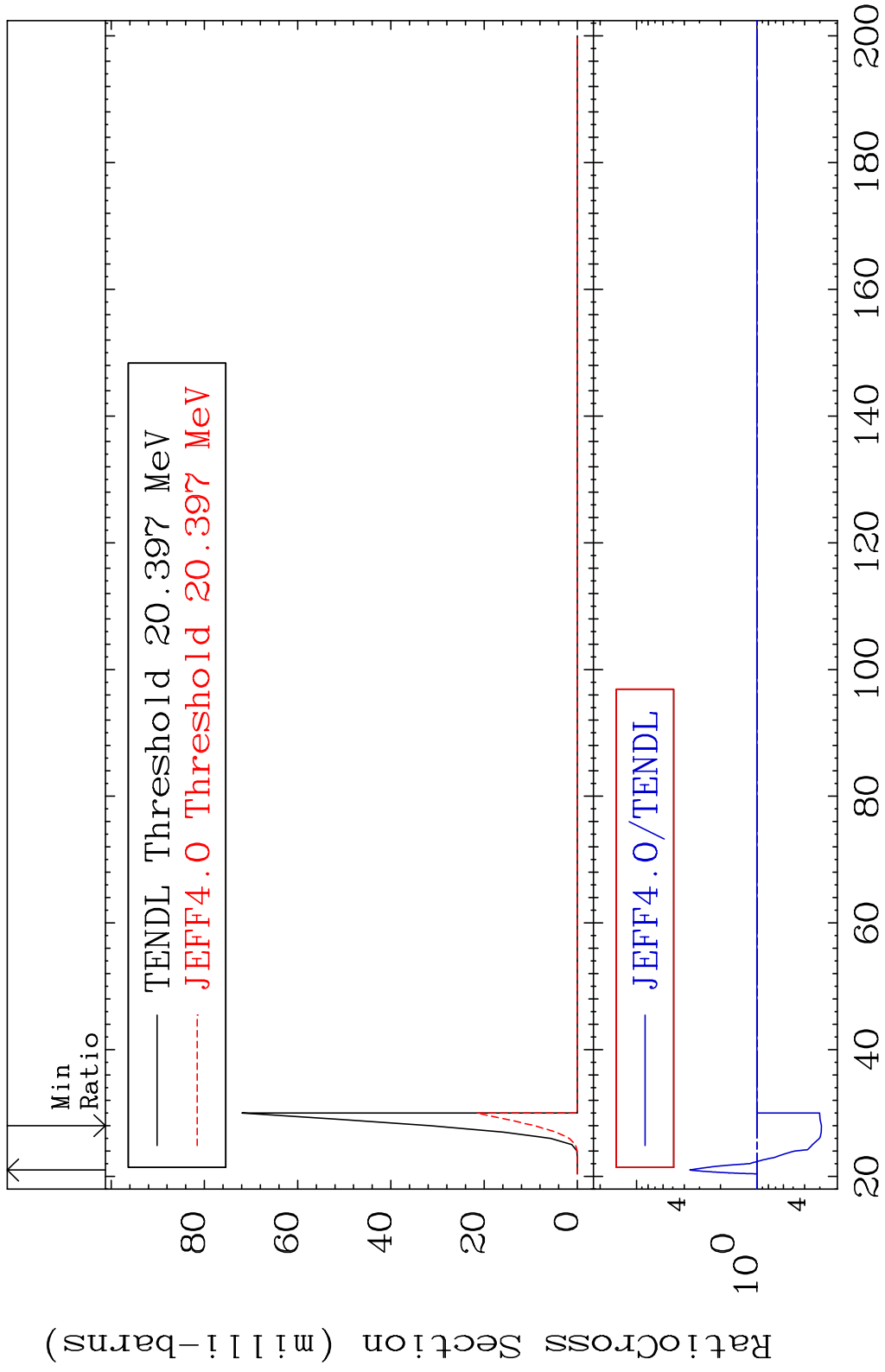


MAT 3637 (n,2n) p:35-Br-80g 36-Kr-82
 Radionuclide Production Cross Section 4.4E-010 258.3 %

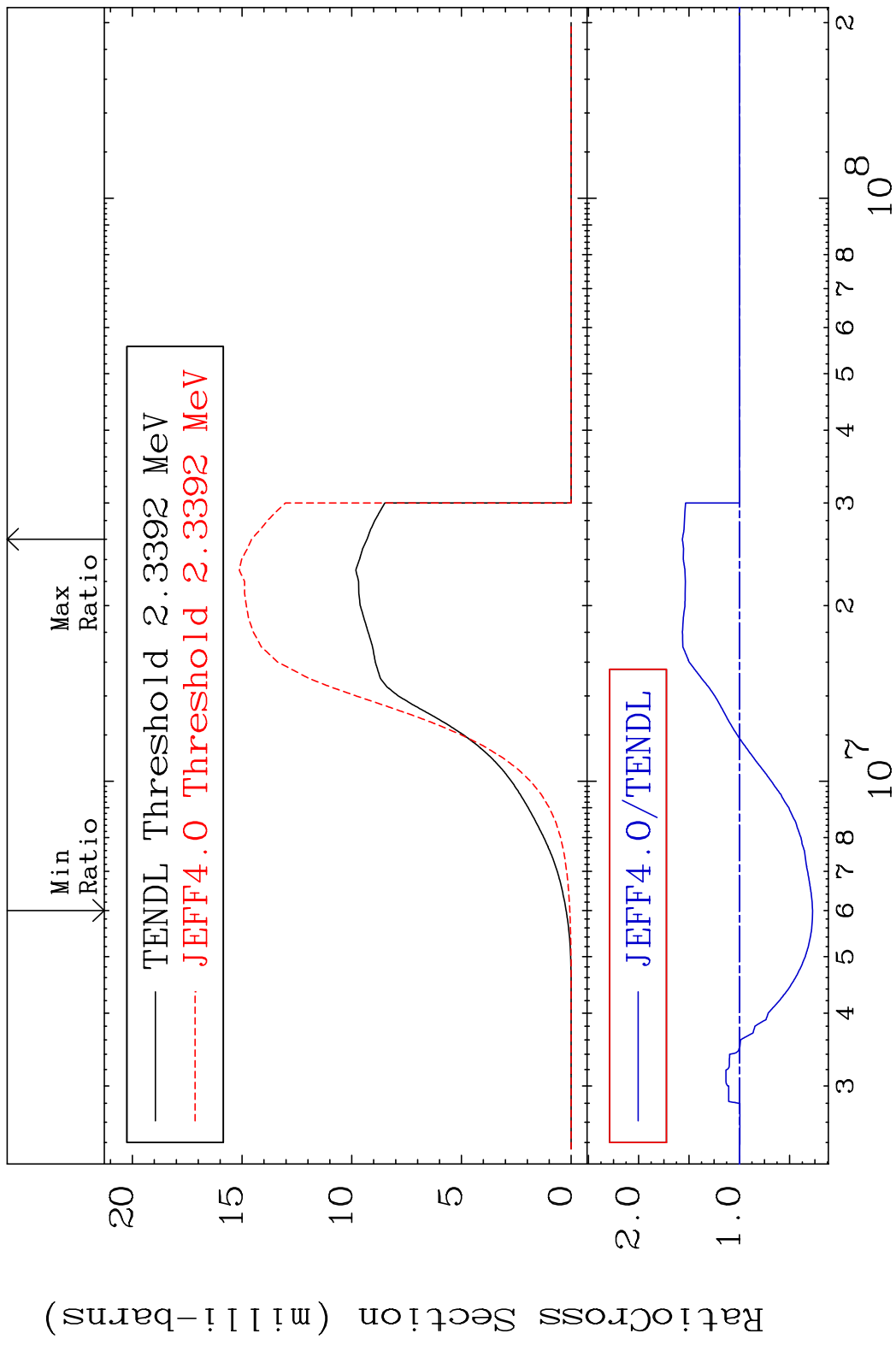


90 Incident Energy (MeV) 36-Kr-82

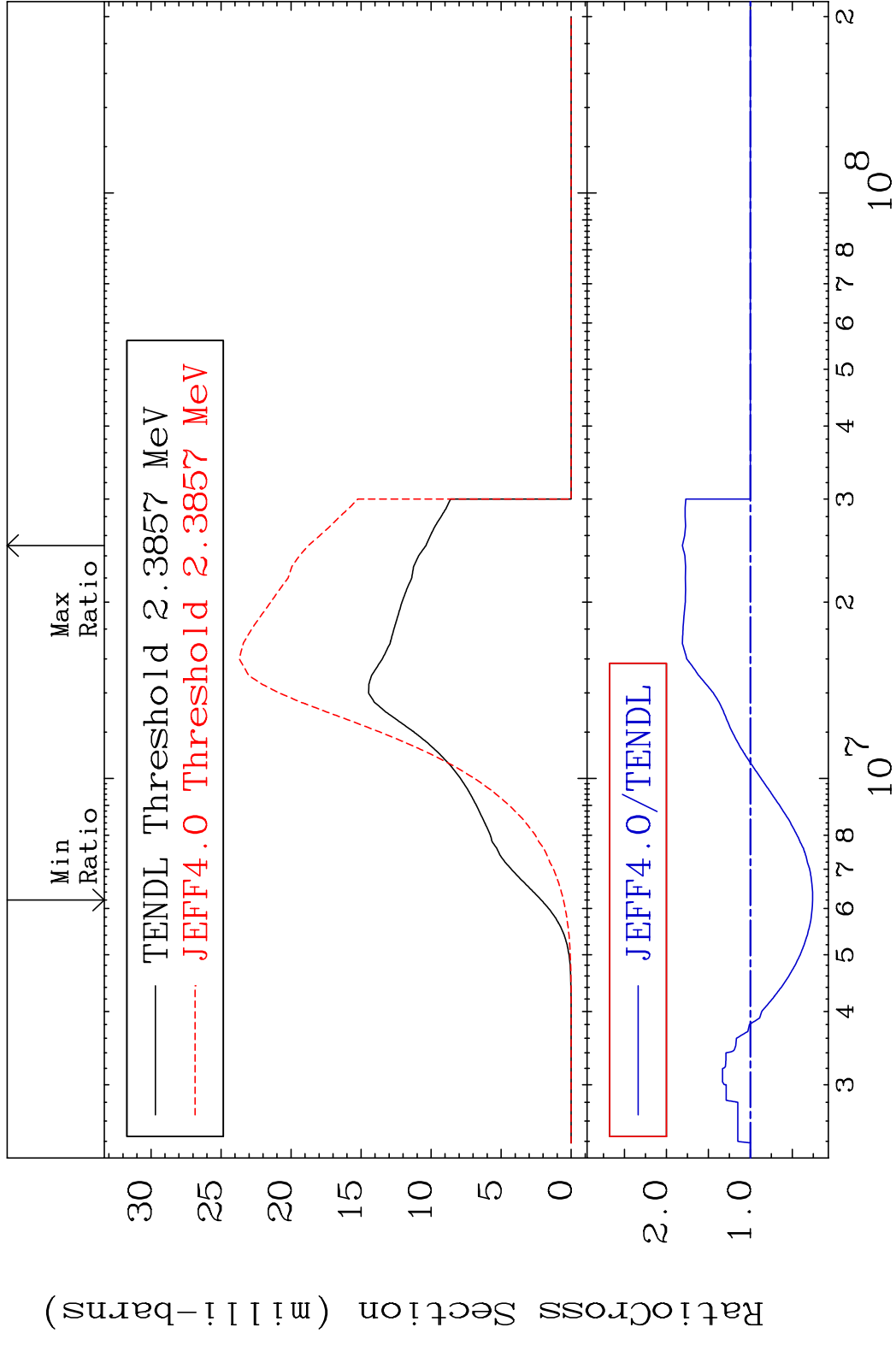
MAT 3637 (n,2n) p:35-Br-80m2 36-Kr-82
 Radionuclide Production Cross Section 260.6 %



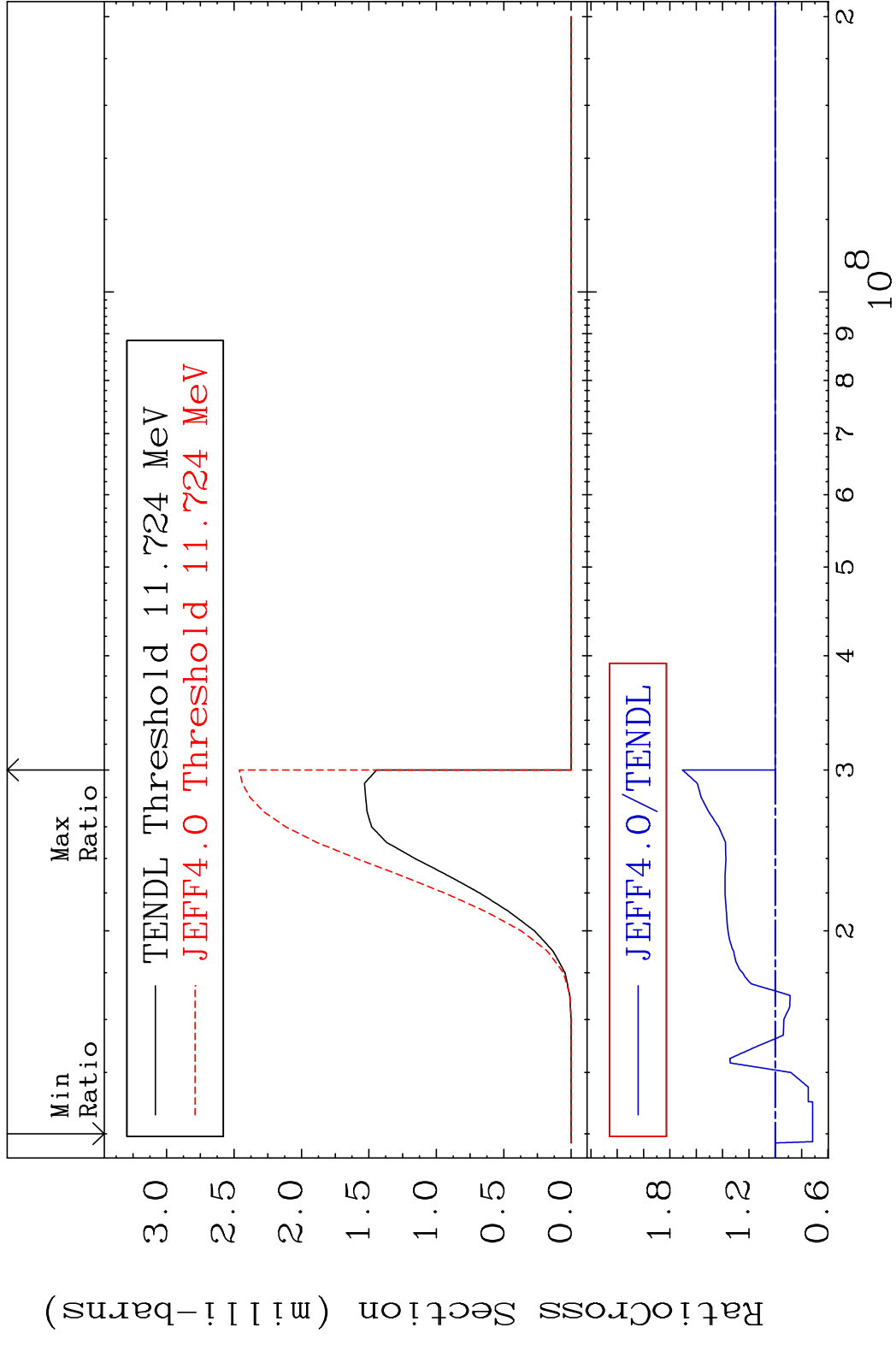
MAT 3637 (n, p) : 35-Br-82g 36-Kr-82
 Radionuclide Production Cross Section 56.60 %

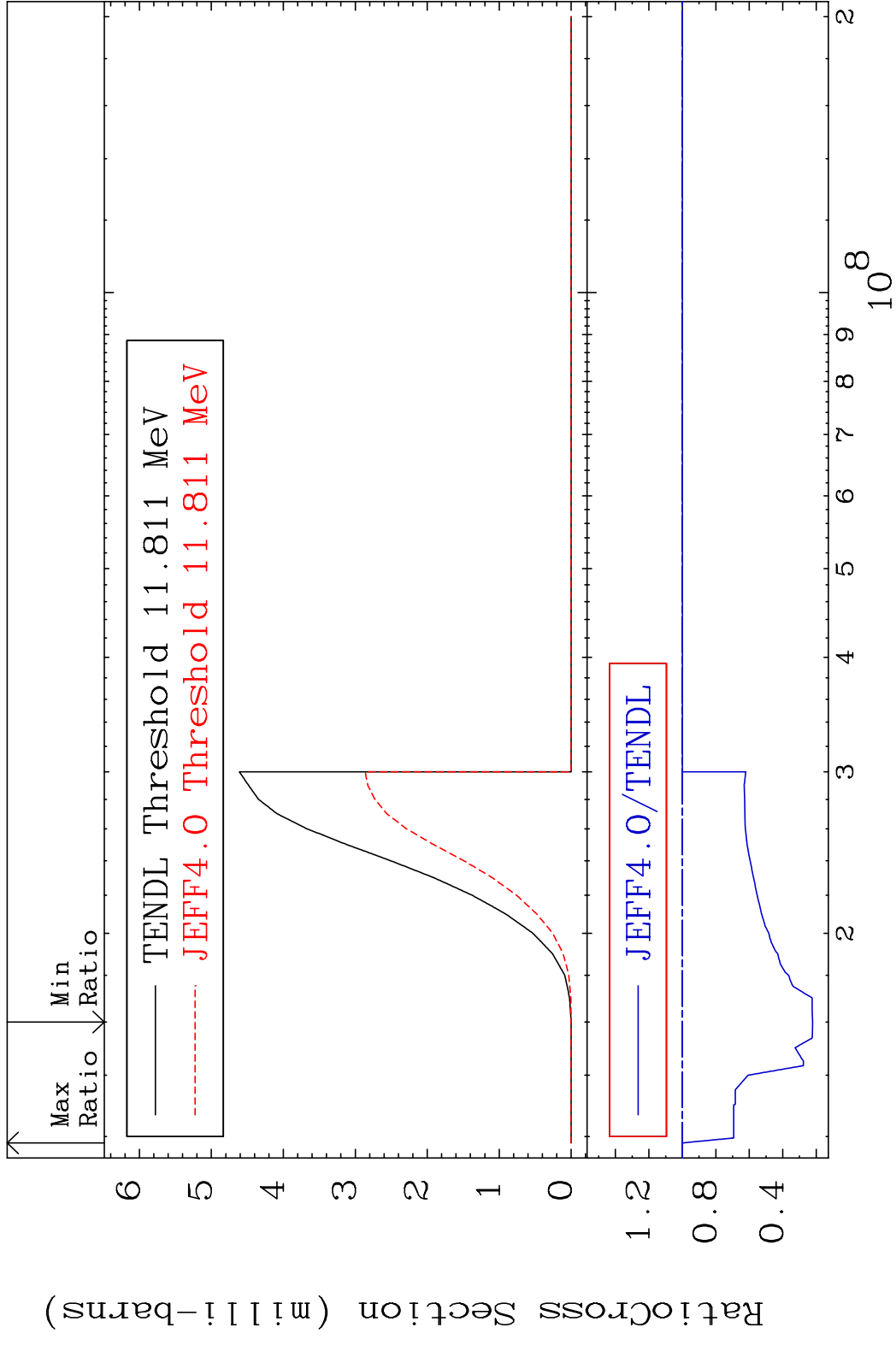


MAT 3637 (n, p) : 35-Br-82m1 36-Kr-82
 Radionuclide Production Cross Section 81.06 %



MAT 3637 (n, t):35-Br-80g 36-Kr-82
 Radionuclide Production Cross Section 70.57 %



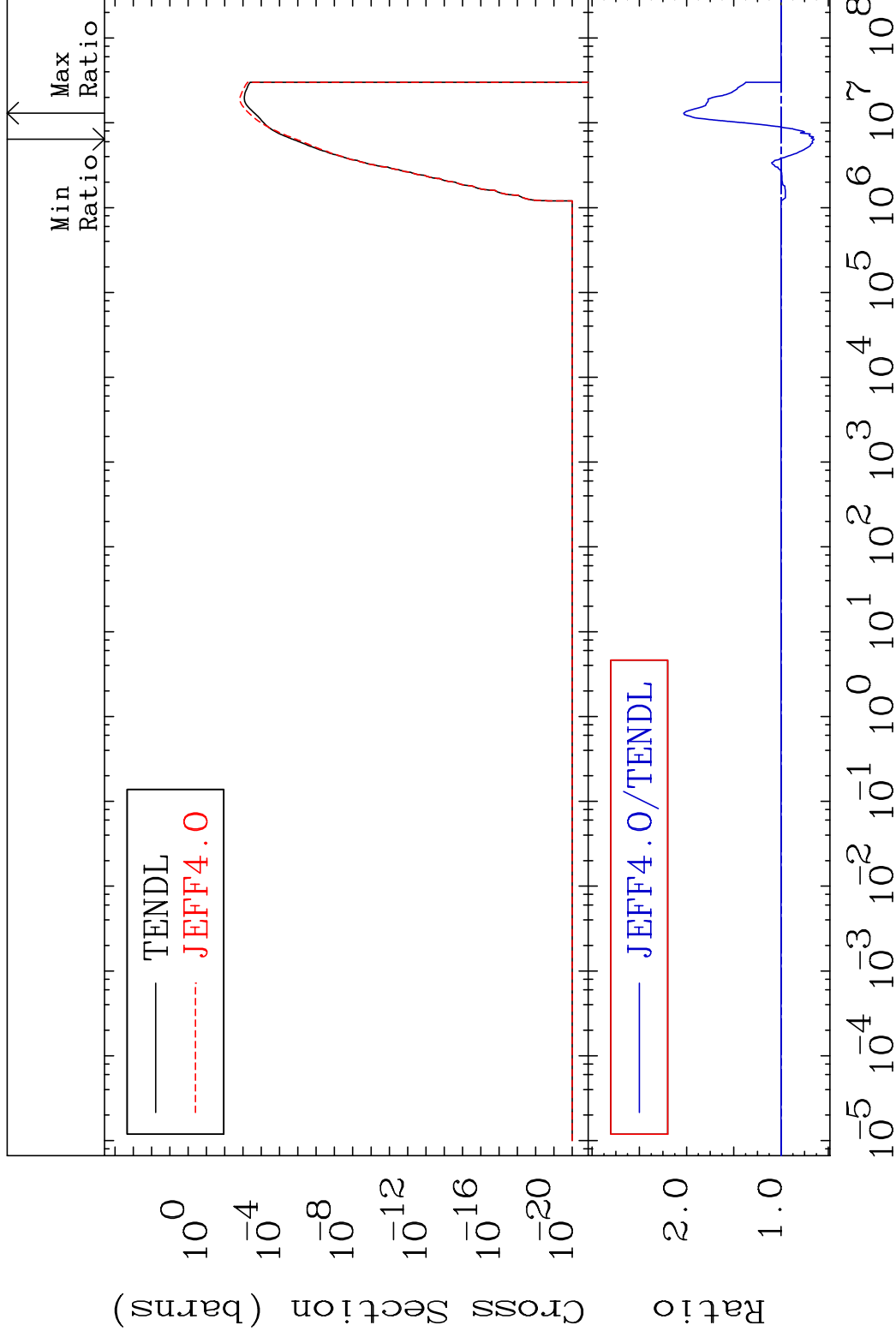


MAT 3637

(n, α): 34-Se-79g

36-Kr-82

Radionuclide Production Cross Section to 103.1 %



96

Incident Energy (eV)

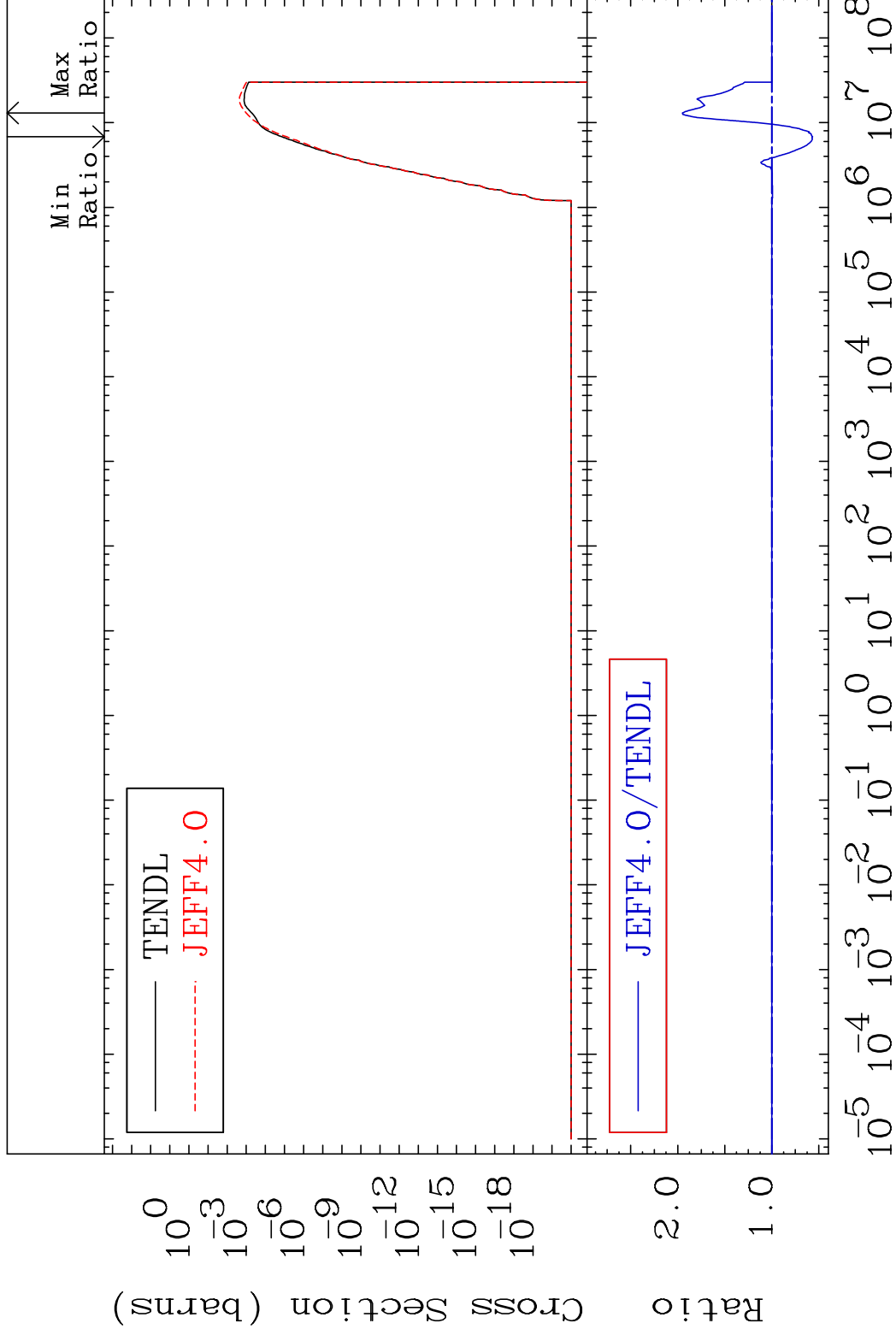
36-Kr-82

MAT 3637

(n, α):34-Se-79m1

36-Kr-82

Radionuclide Production Cross Section to 95.11 %

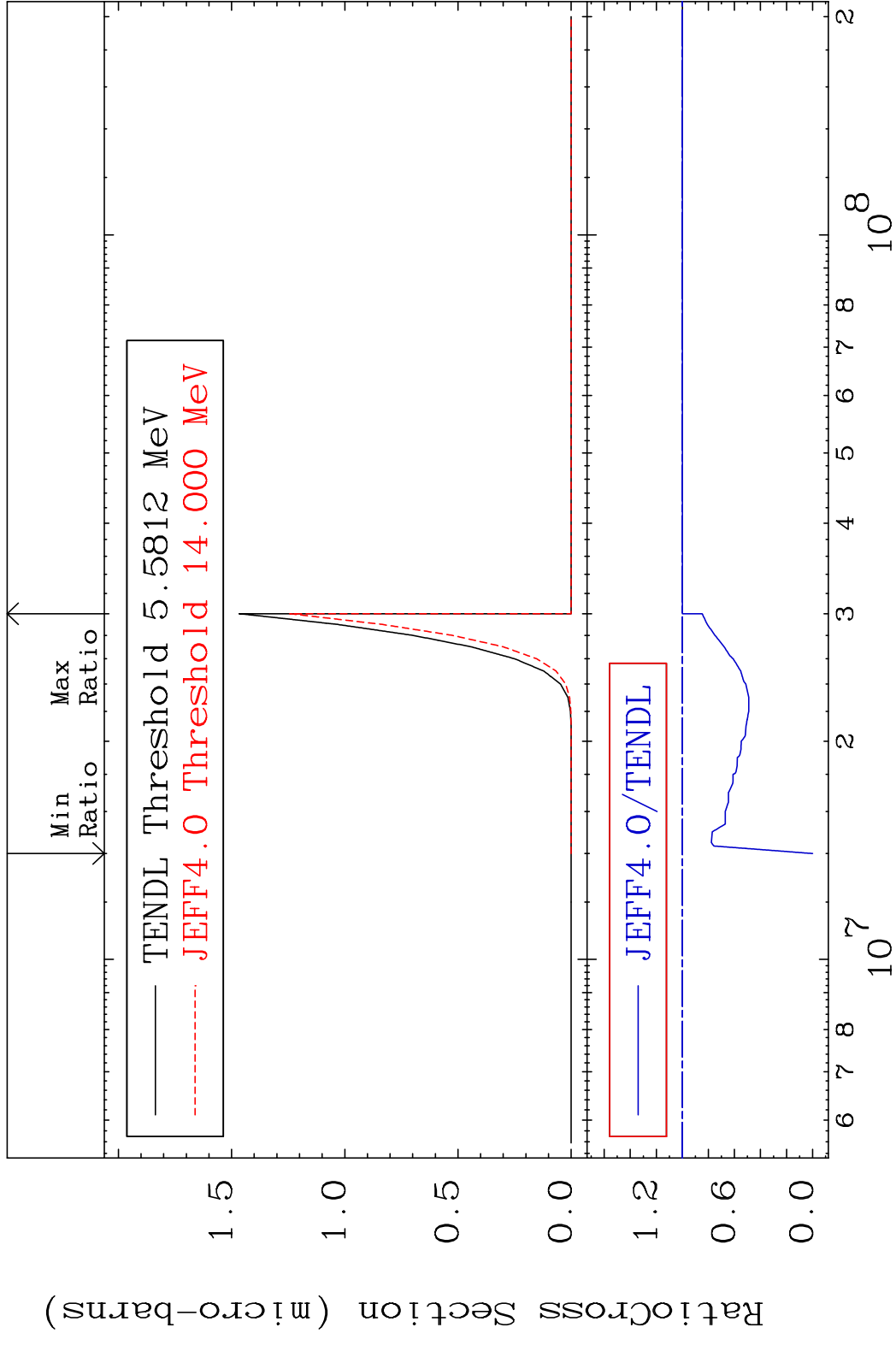


97

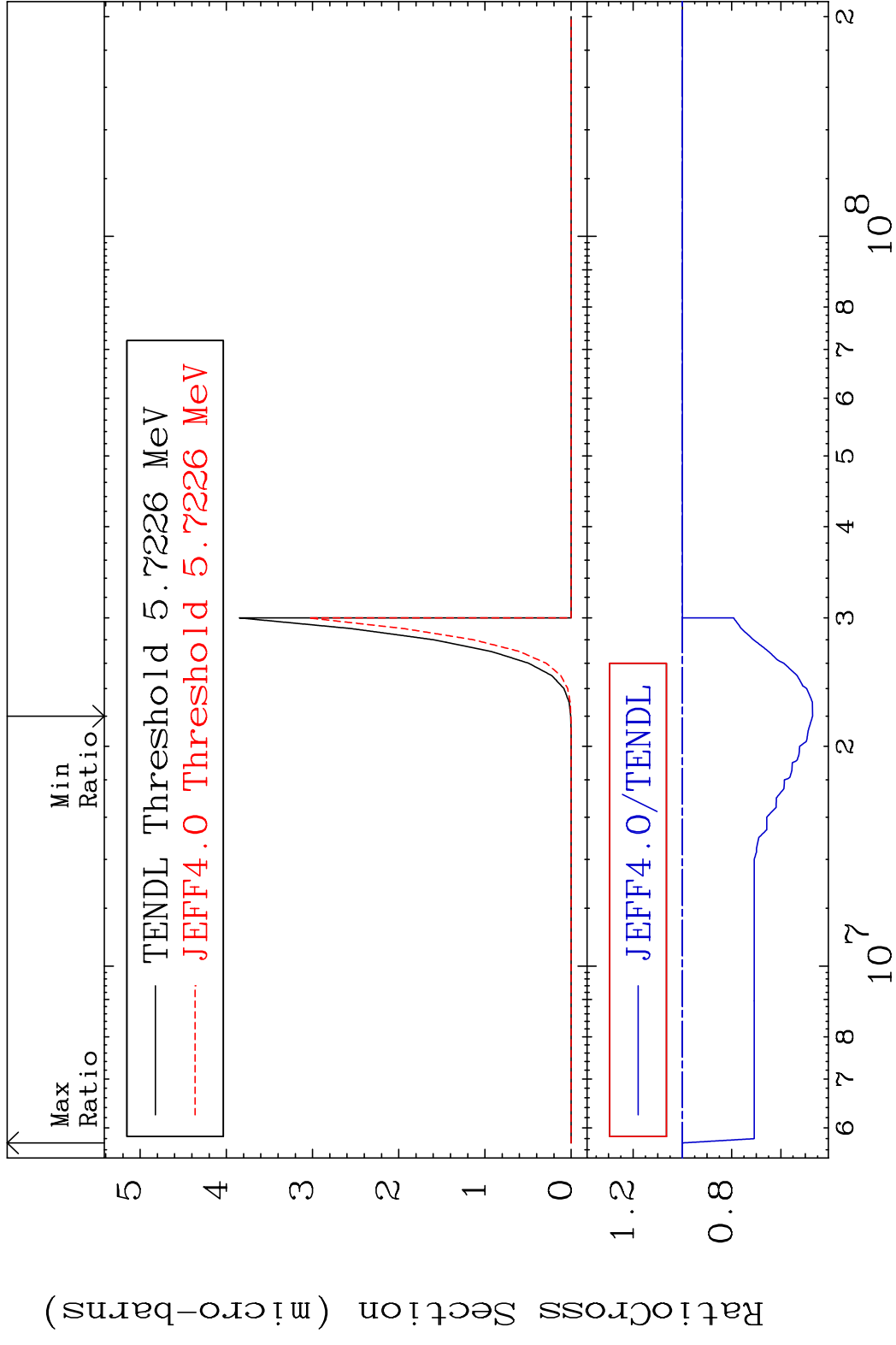
Incident Energy (eV)

36-Kr-82

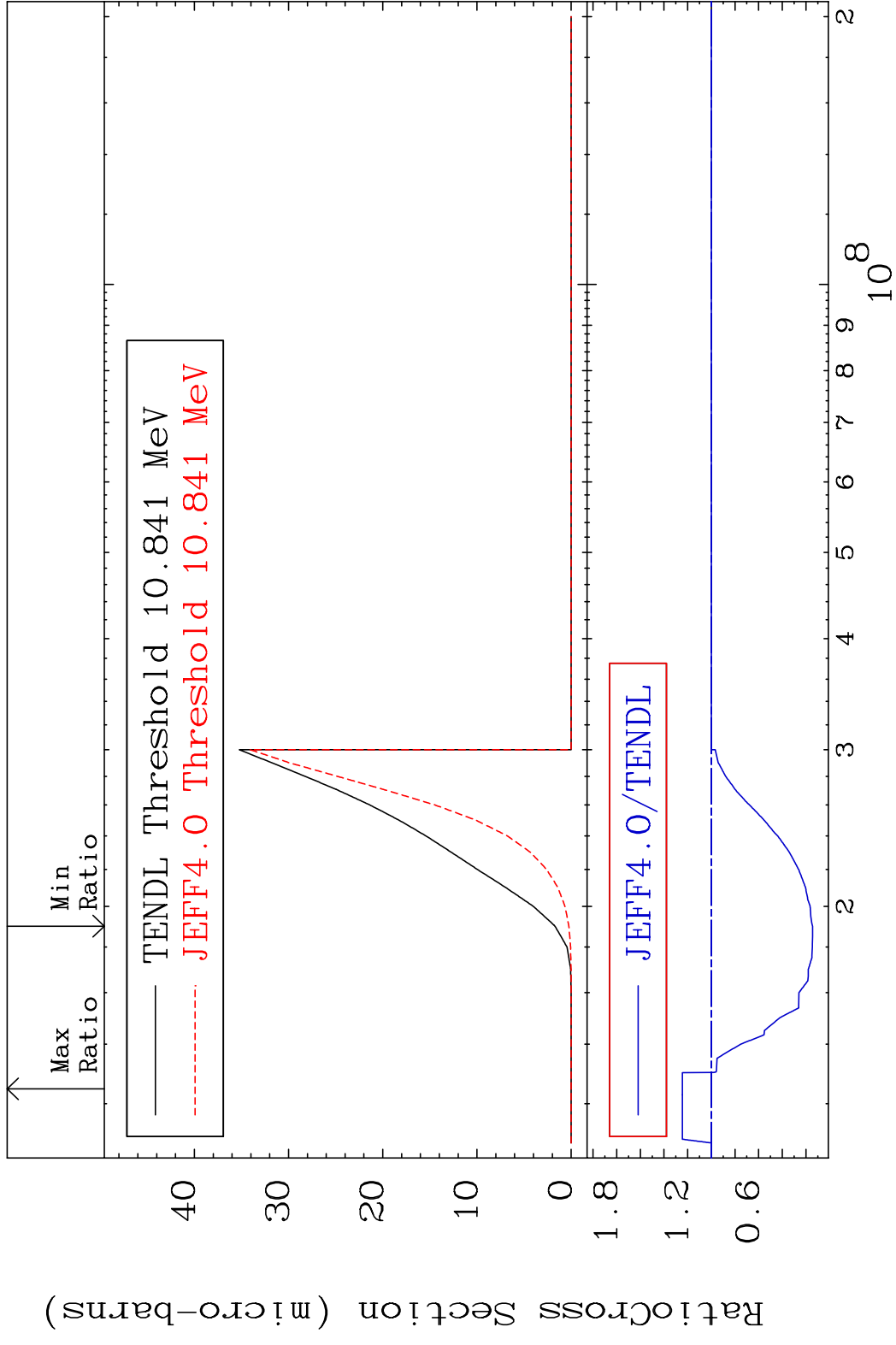
MAT 3637 (n,2α):32-Ge-75g 36-Kr-82
 Radionuclide Production Cross Section 180.0 dth 0.000 %



MAT 3637 (n, 2α) : 32-Ge-75m2 36-Kr-82
 Radionuclide Production Cross Section 5.7226 MeV 0.000 %



MAT 3637 (n,2p):34-Se-81g 36-Kr-82
 Radionuclide Production Cross Section to 24.50 %



100 Incident Energy (eV) 36-Kr-82

