

Program Complot
(Version 2021-1)

by

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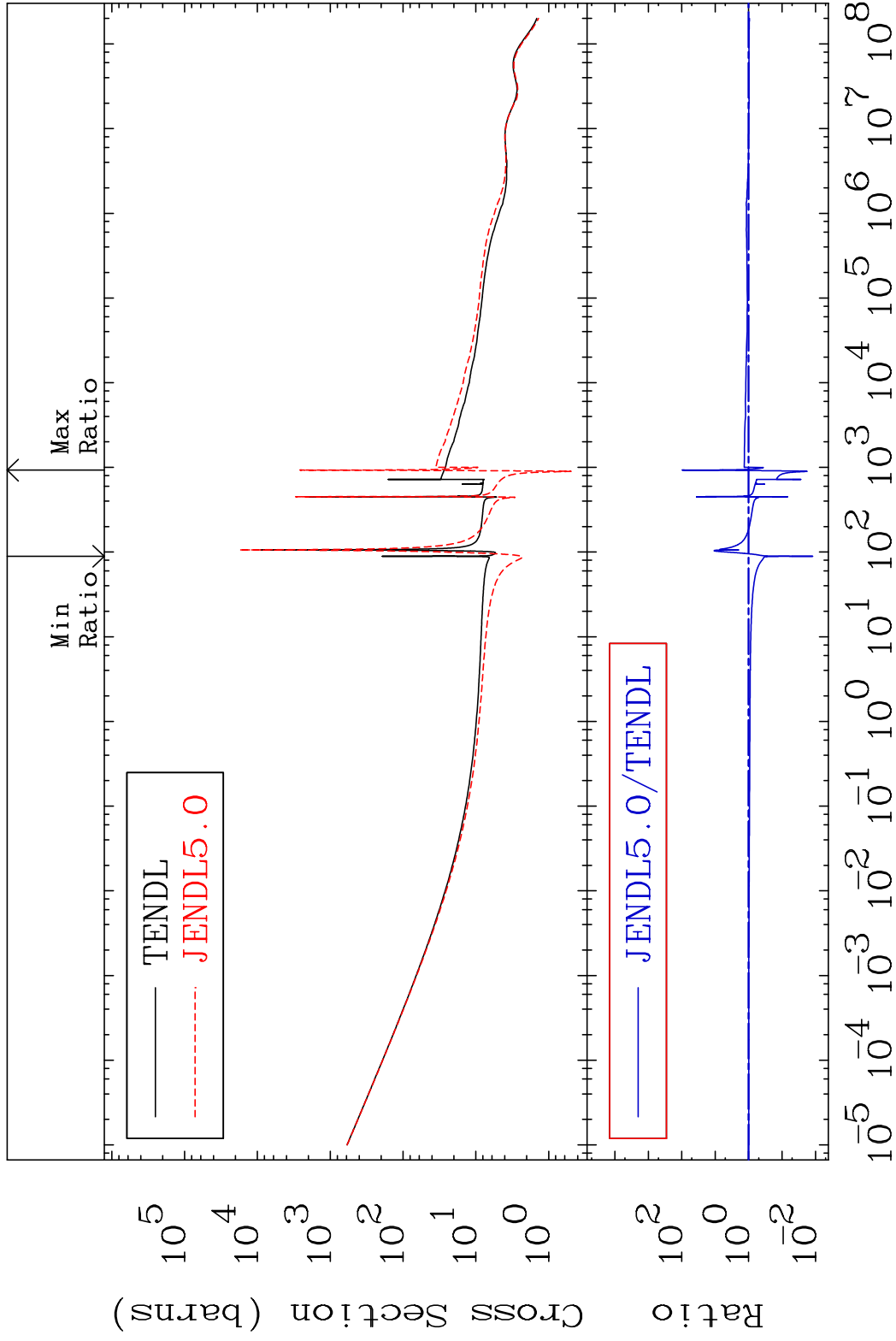
Press Mouse Button to Start

MAT 3631

Total

36-Kr-80

Cross Section -98.78 To 9495. %



1

Incident Energy (eV)

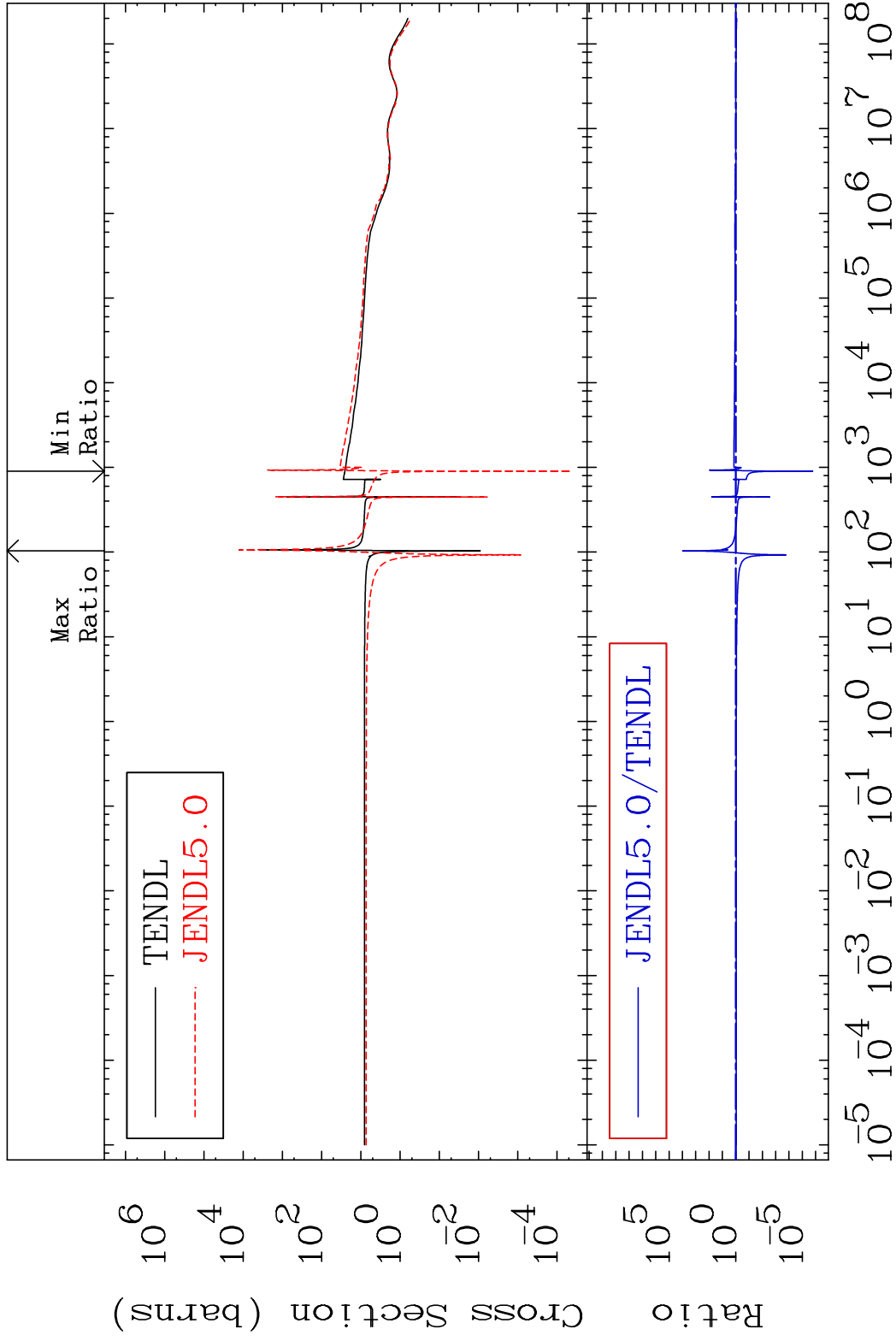
36-Kr-80

MAT 3631

Elastic

36-Kr-80

Cross Section -100.0 To 9999. %

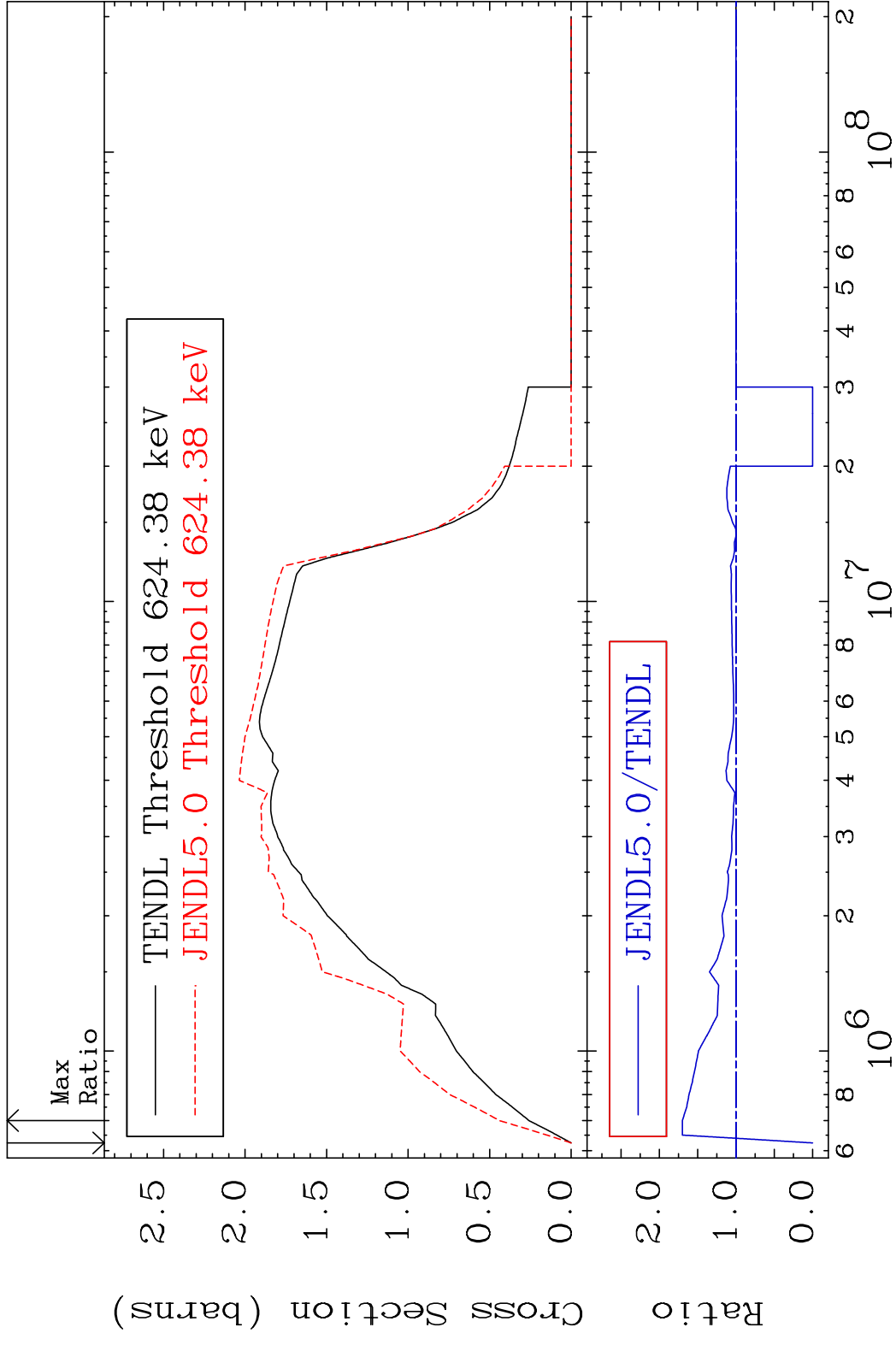


2

Incident Energy (eV)

36-Kr-80

MAT 3631 Inelastic 36-Kr-80
 Cross Section -100.0 To 69.96 %



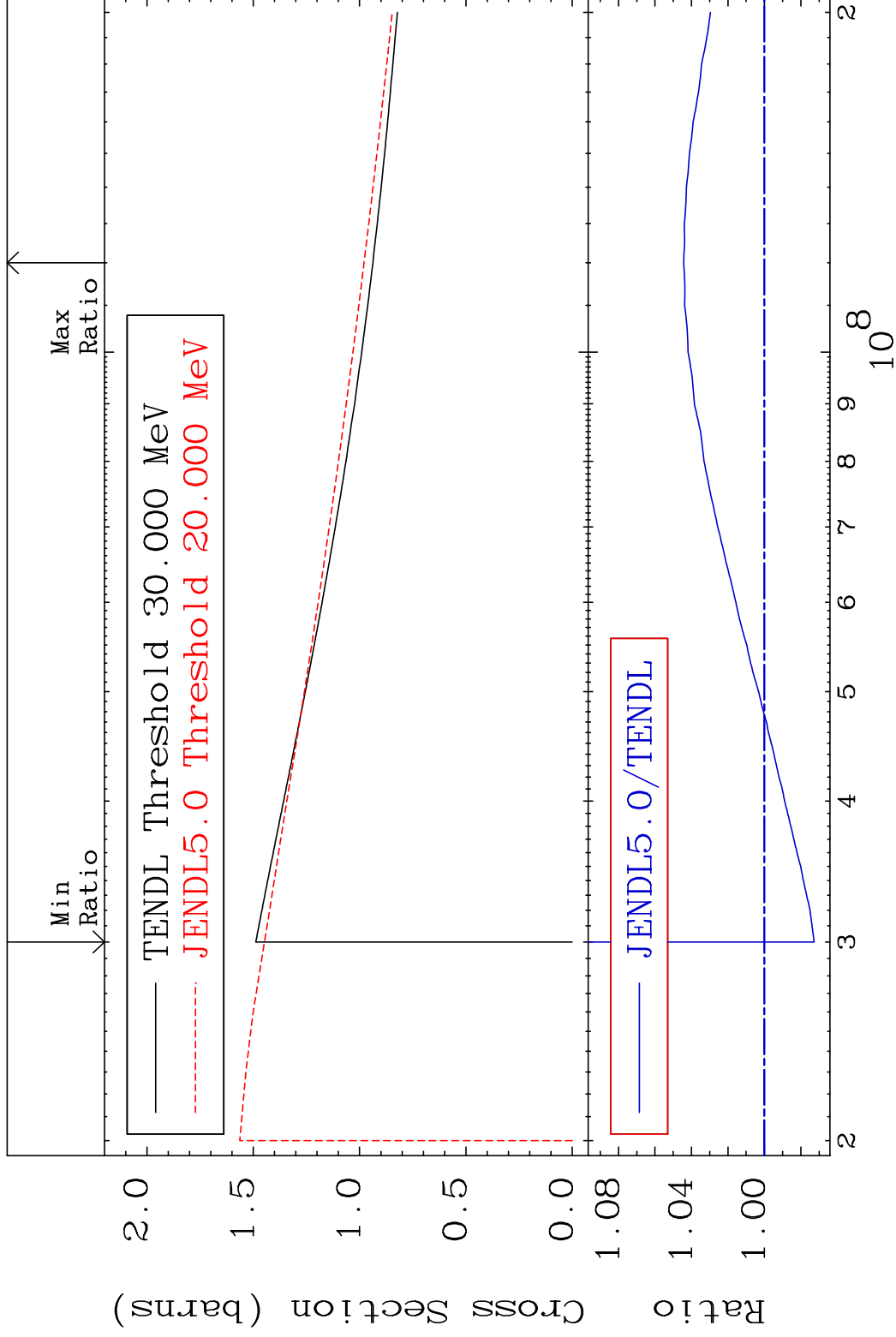
3 Incident Energy (eV) 36-Kr-80

MAT 3631

(n, remainder)

36-Kr-80

Cross Section -2.725 To 4.429 %



4

Incident Energy (eV)

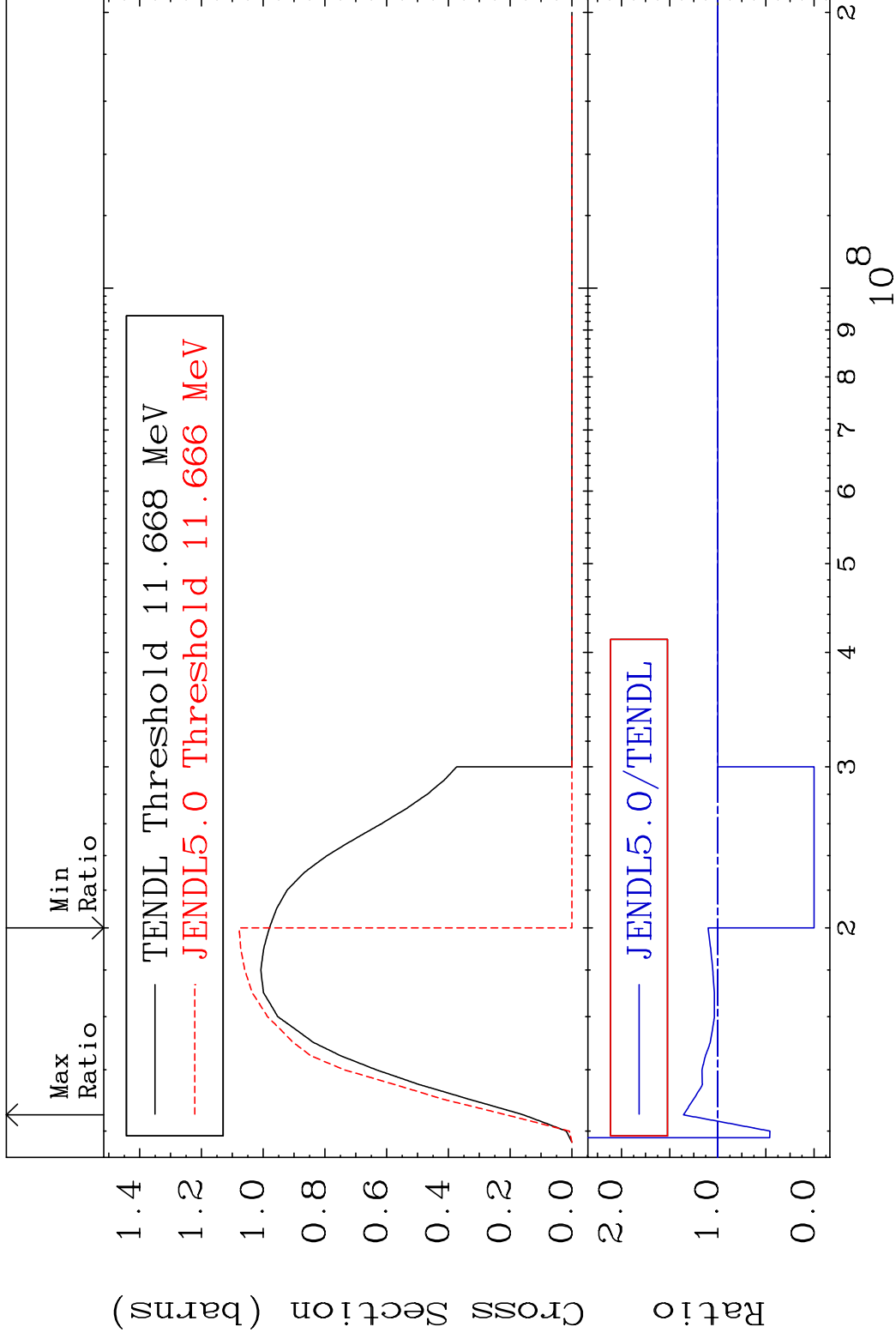
36-Kr-80

MAT 3631

(n,2n)

36-Kr-80

Cross Section -100.0 To 35.68 %



5

Incident Energy (eV)

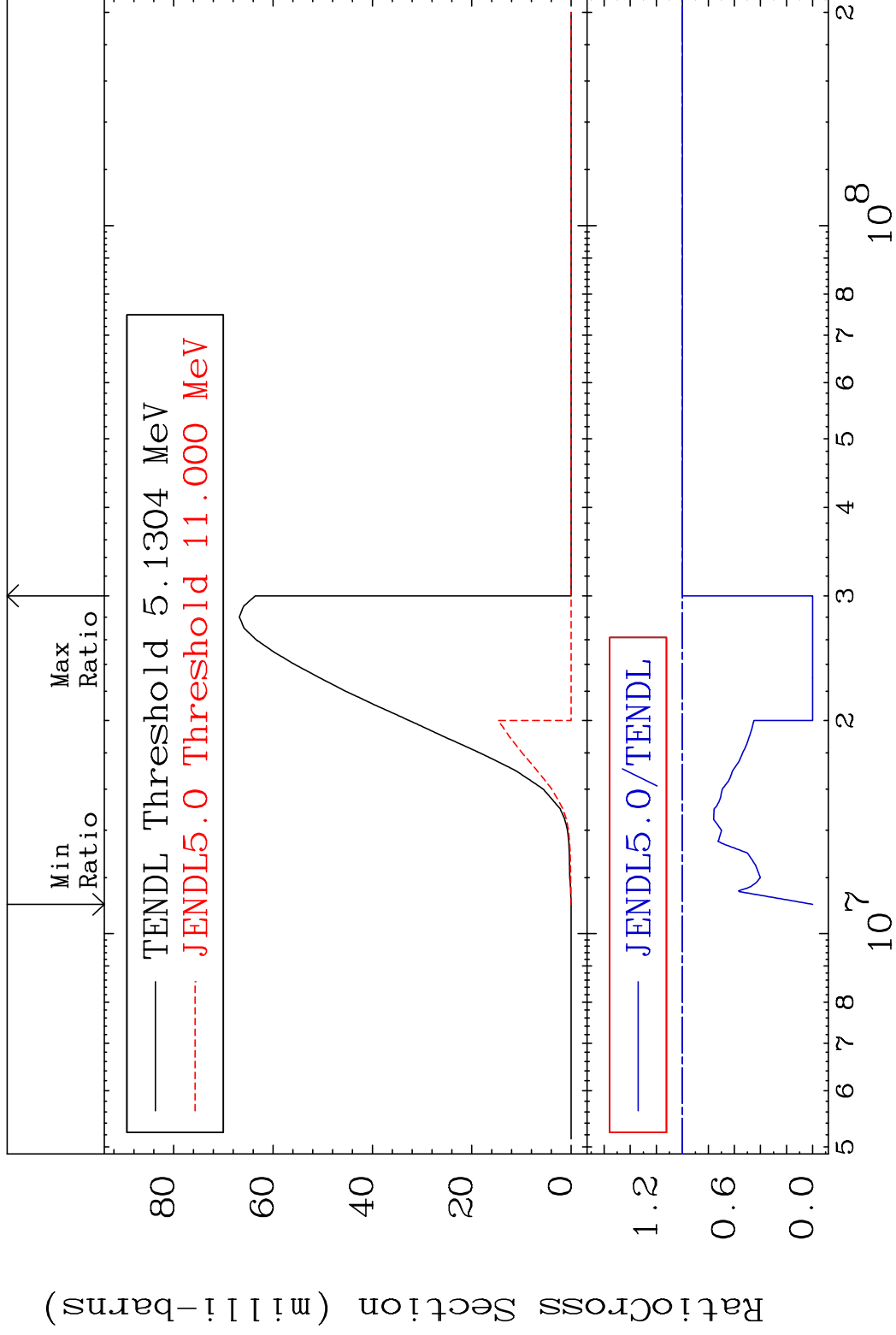
36-Kr-80

MAT 3631

(n, n') α

36-Kr-80

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

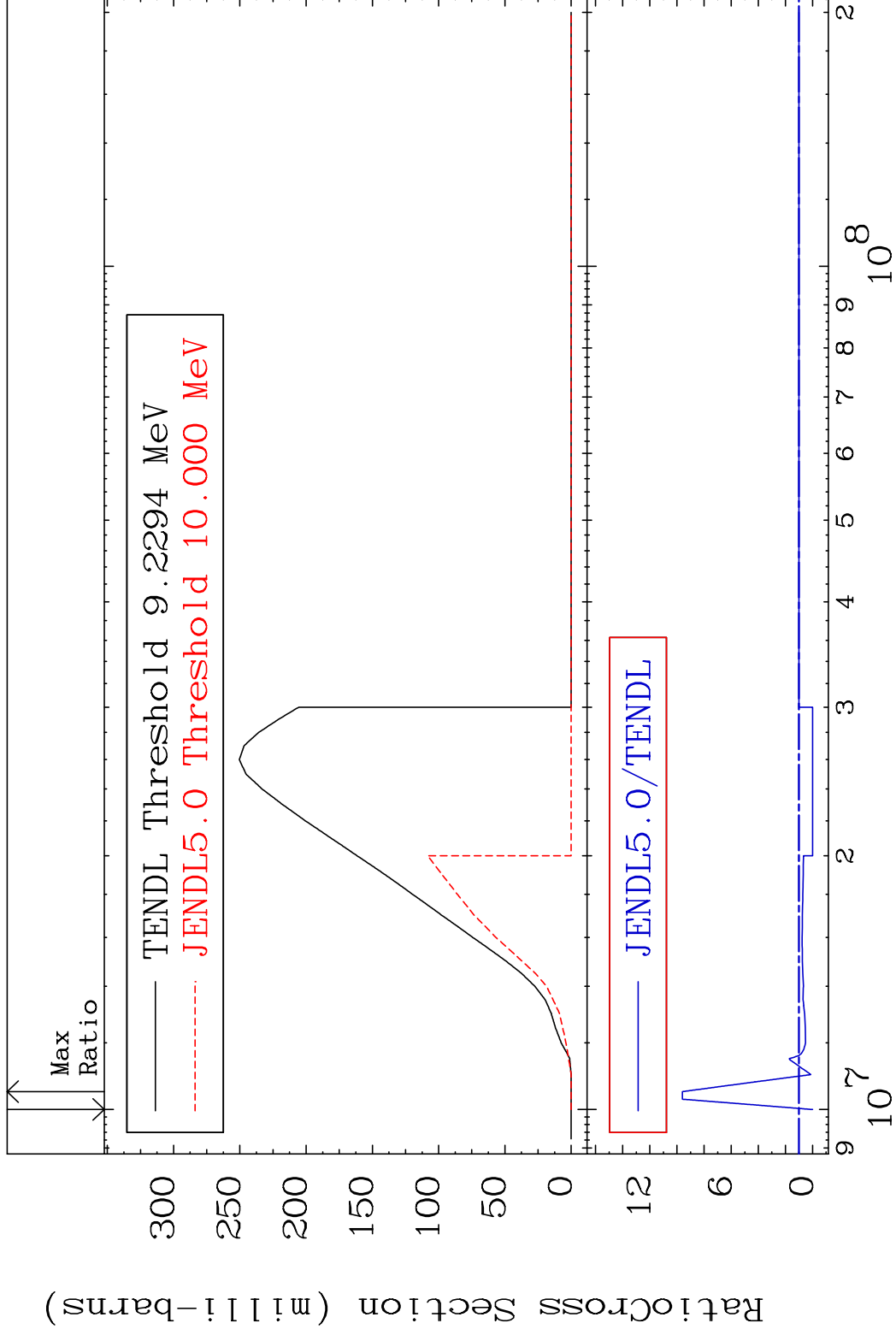
36-Kr-80

MAT 3631

(n, n') p

36-Kr-80

Cross Section -100.0 To 860.3 %



7

Incident Energy (eV)

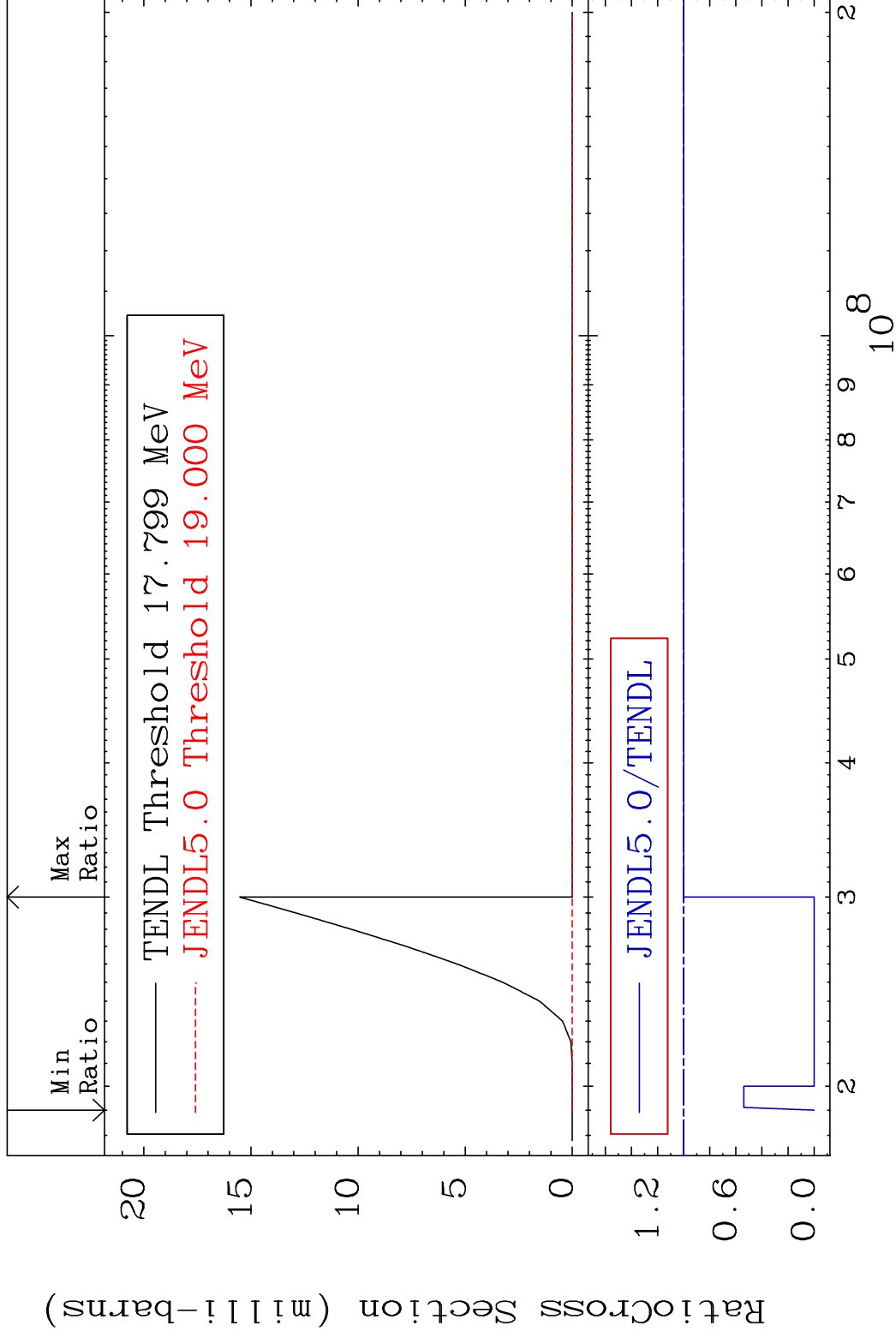
36-Kr-80

MAT 3631

(n, n') d

36-Kr-80

Cross Section -100.0 To 0.000 %

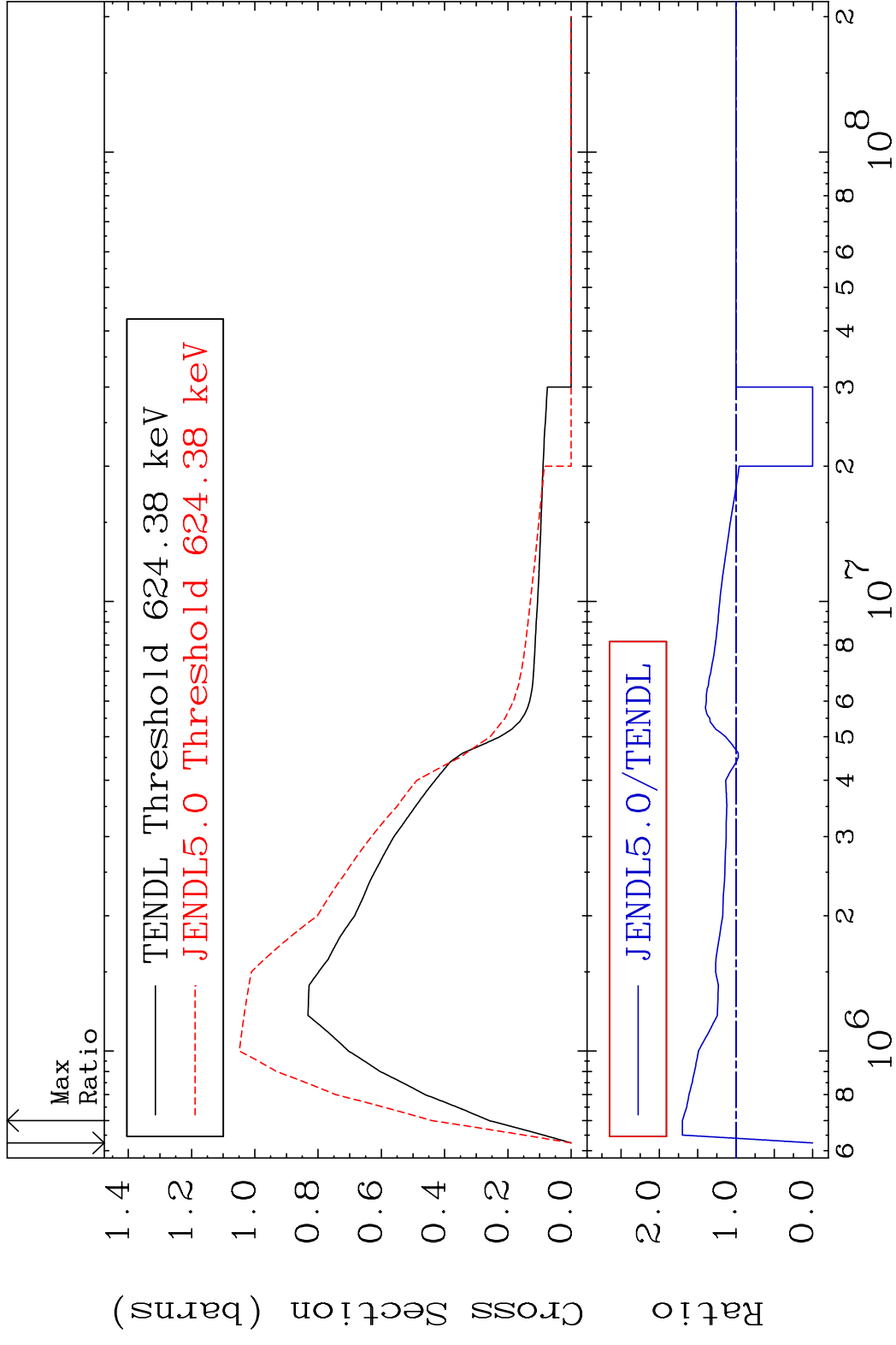


8

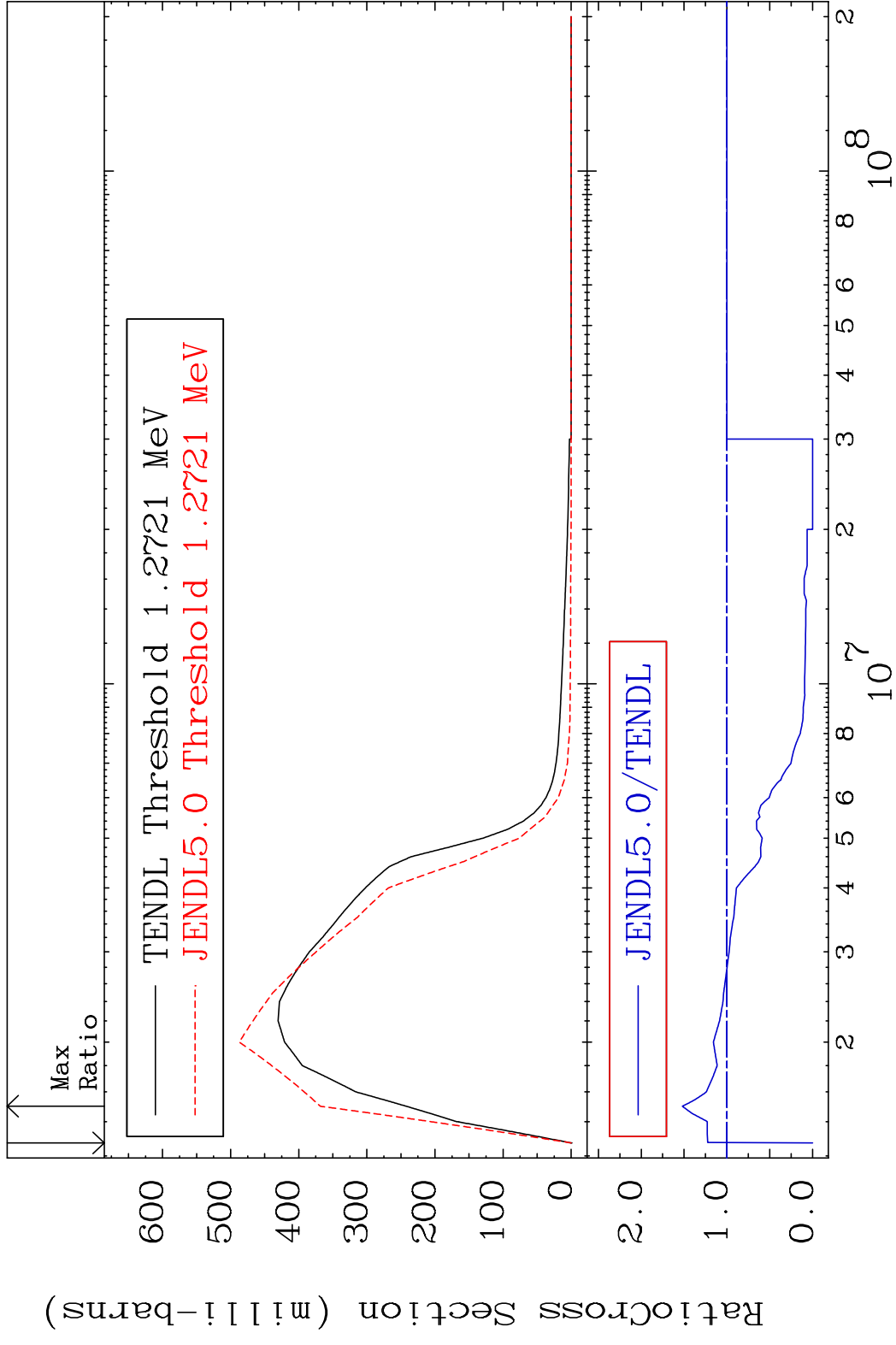
Incident Energy (eV)

36-Kr-80

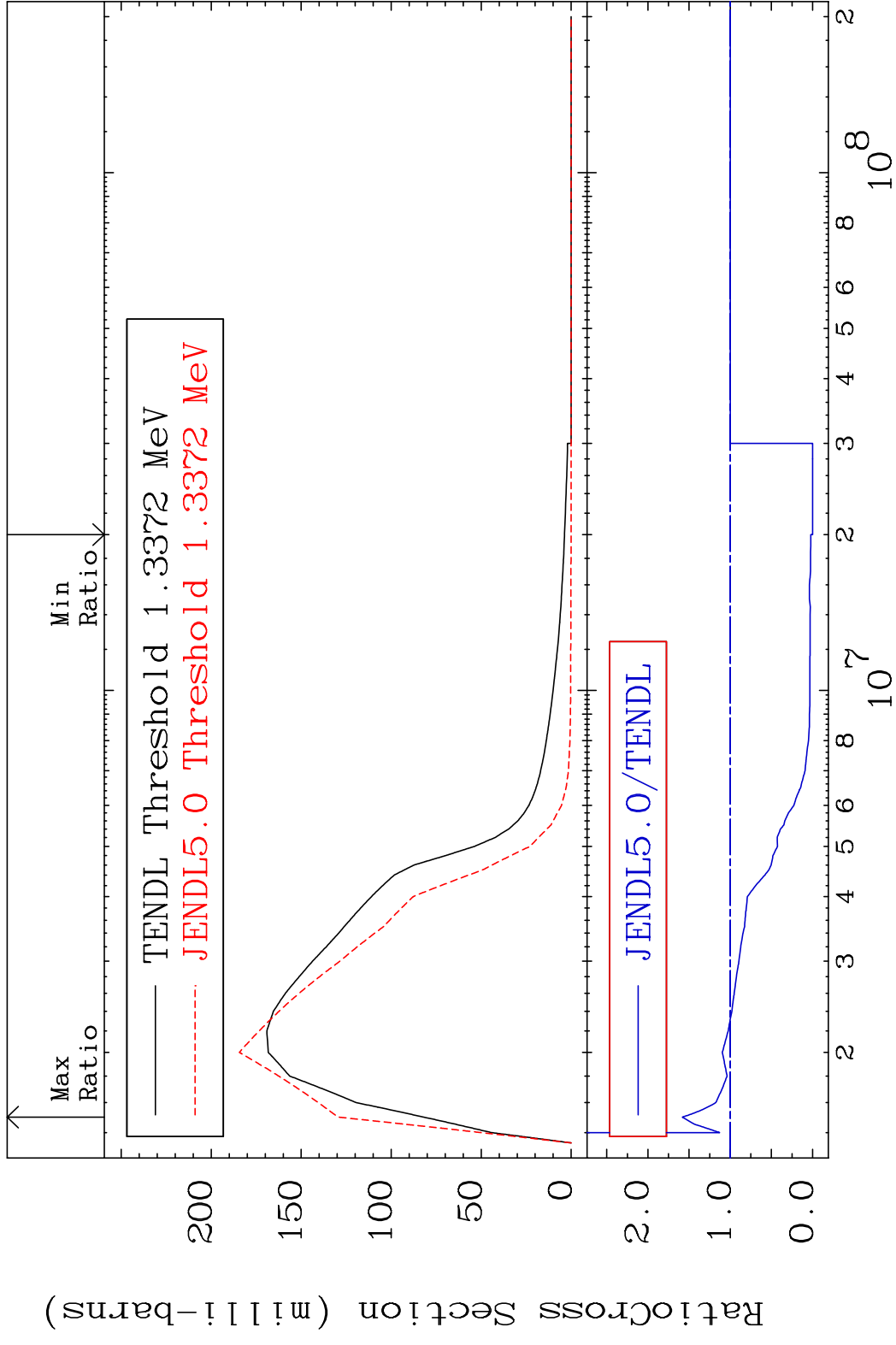
MAT 3631 MT= 51 (n,n') Level 36-Kr-80
 Cross Section -100.0 To 69.96 %



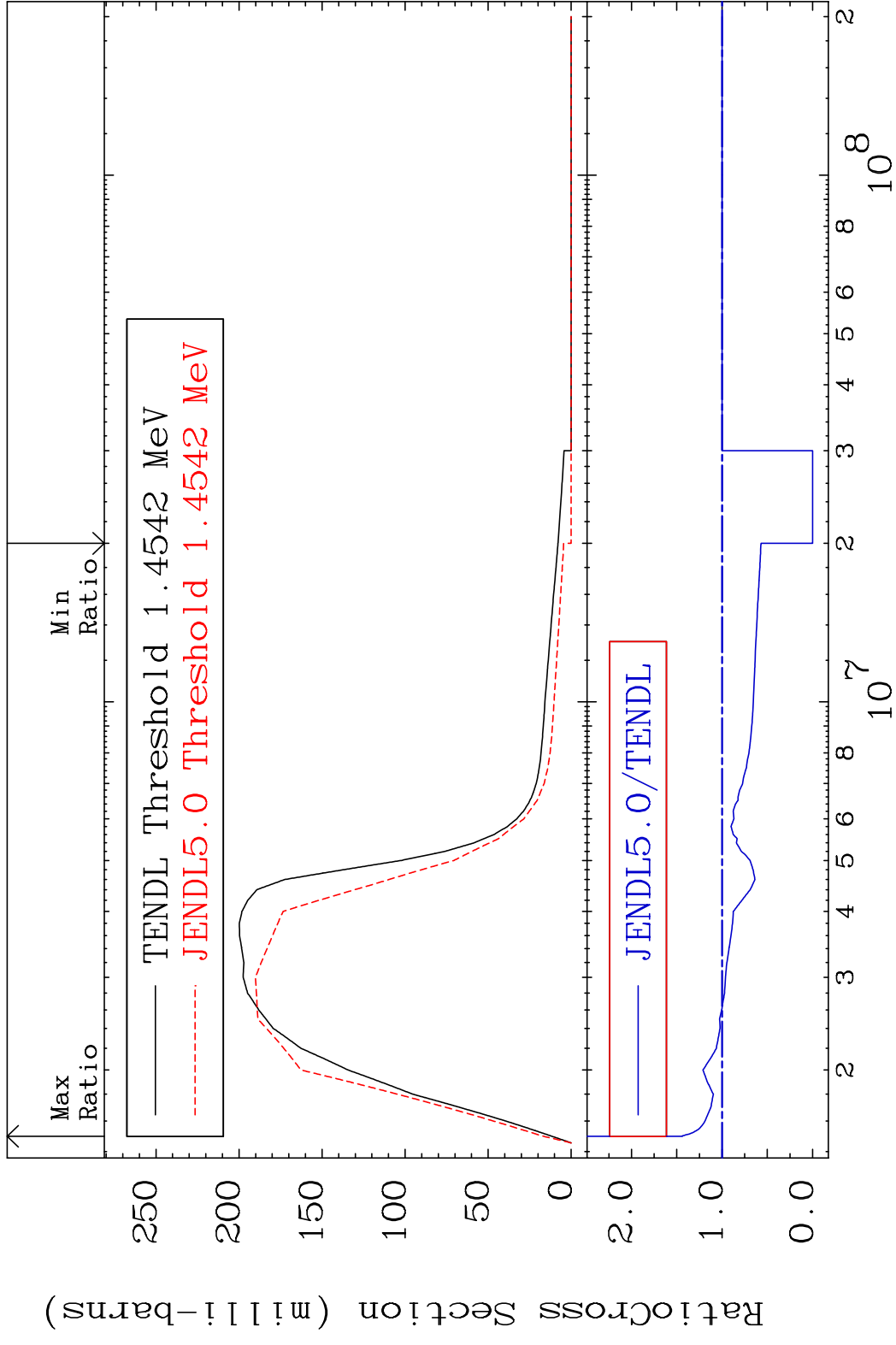
MAT 3631 MT= 52 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 52.01 %



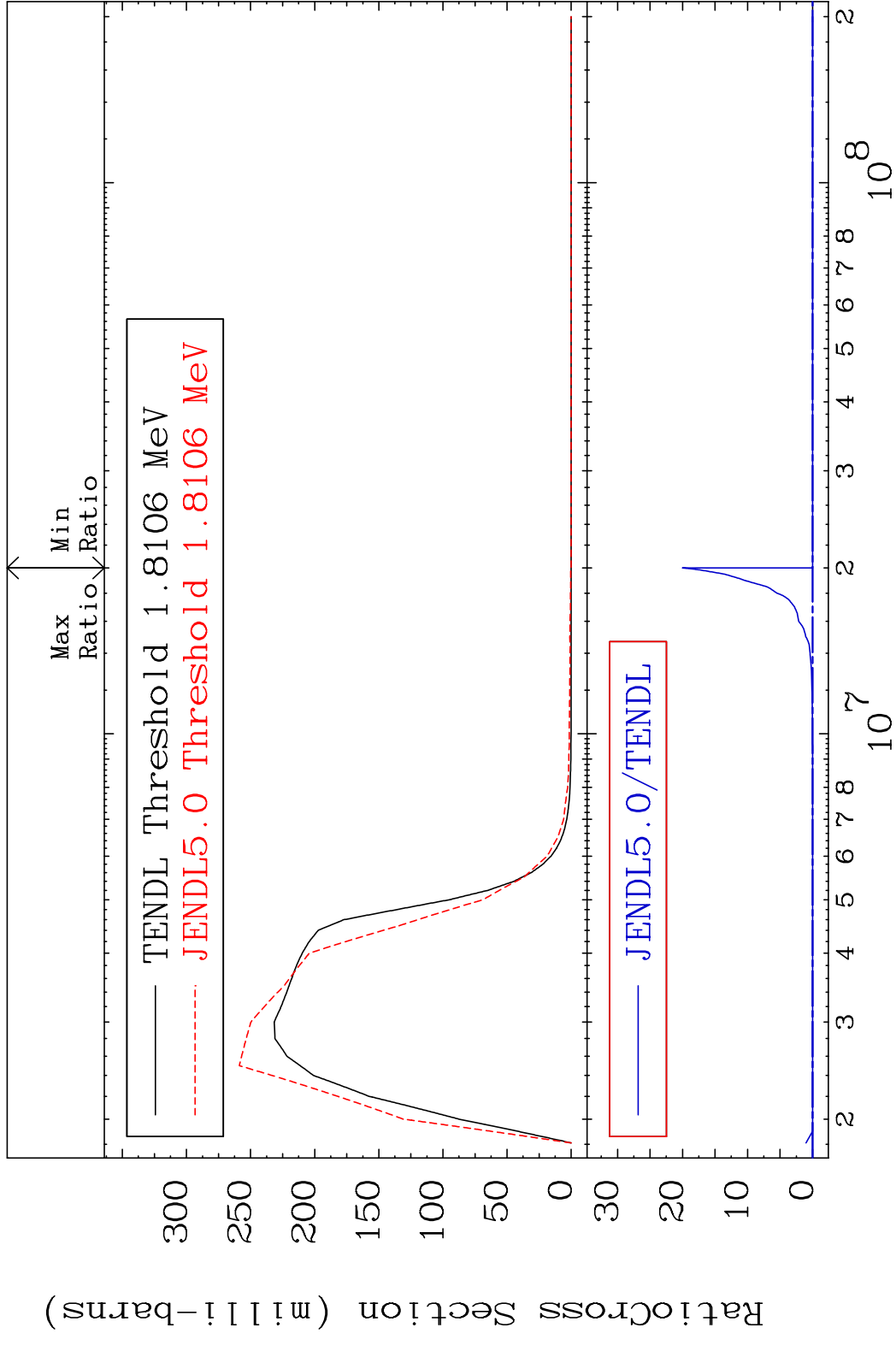
MAT 3631 MT= 53 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 58.19 %



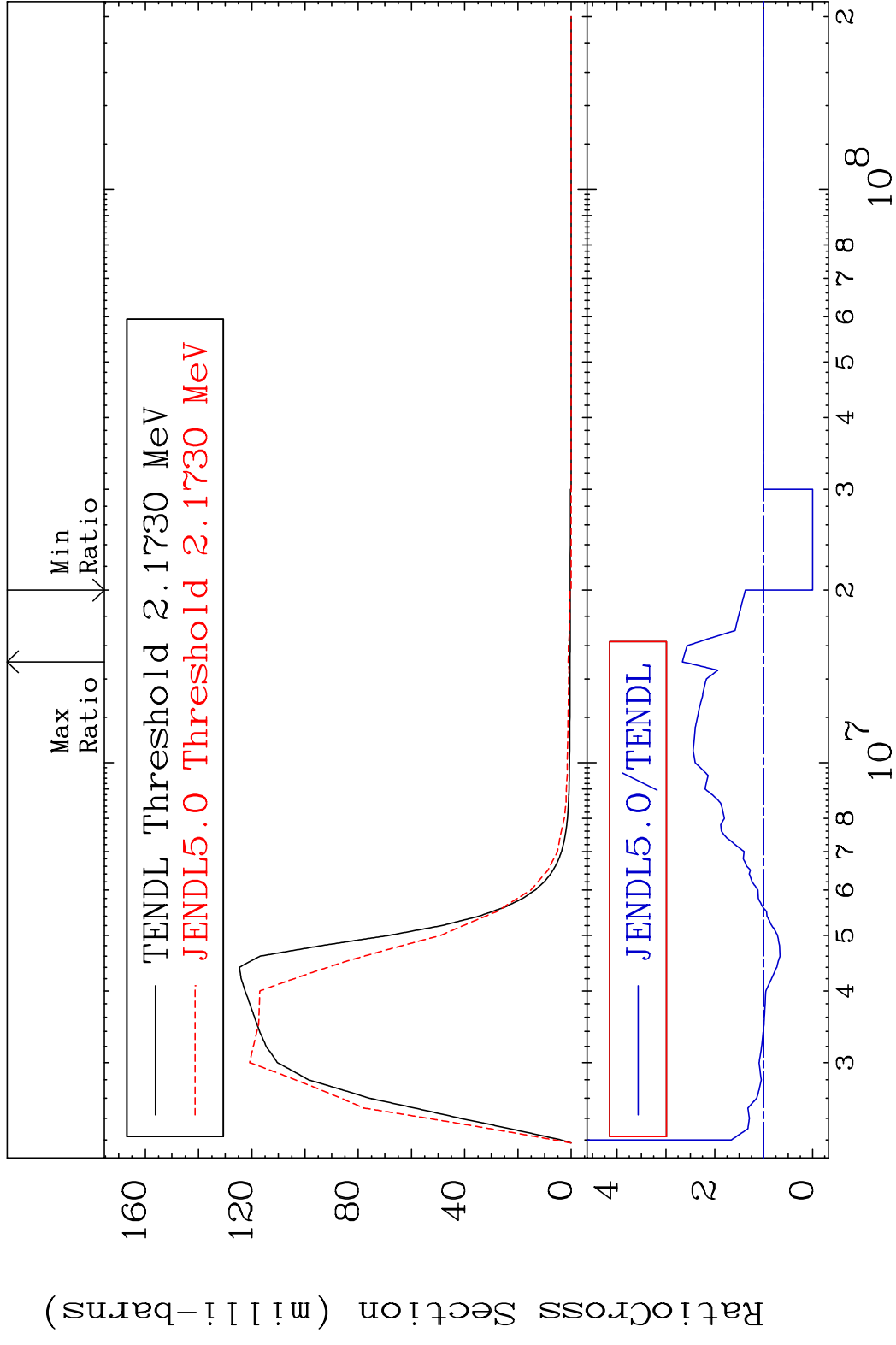
MAT 3631 MT= 54 (n,n') Level 36-Kr-80
 Cross Section -100.0 To 43.84 %



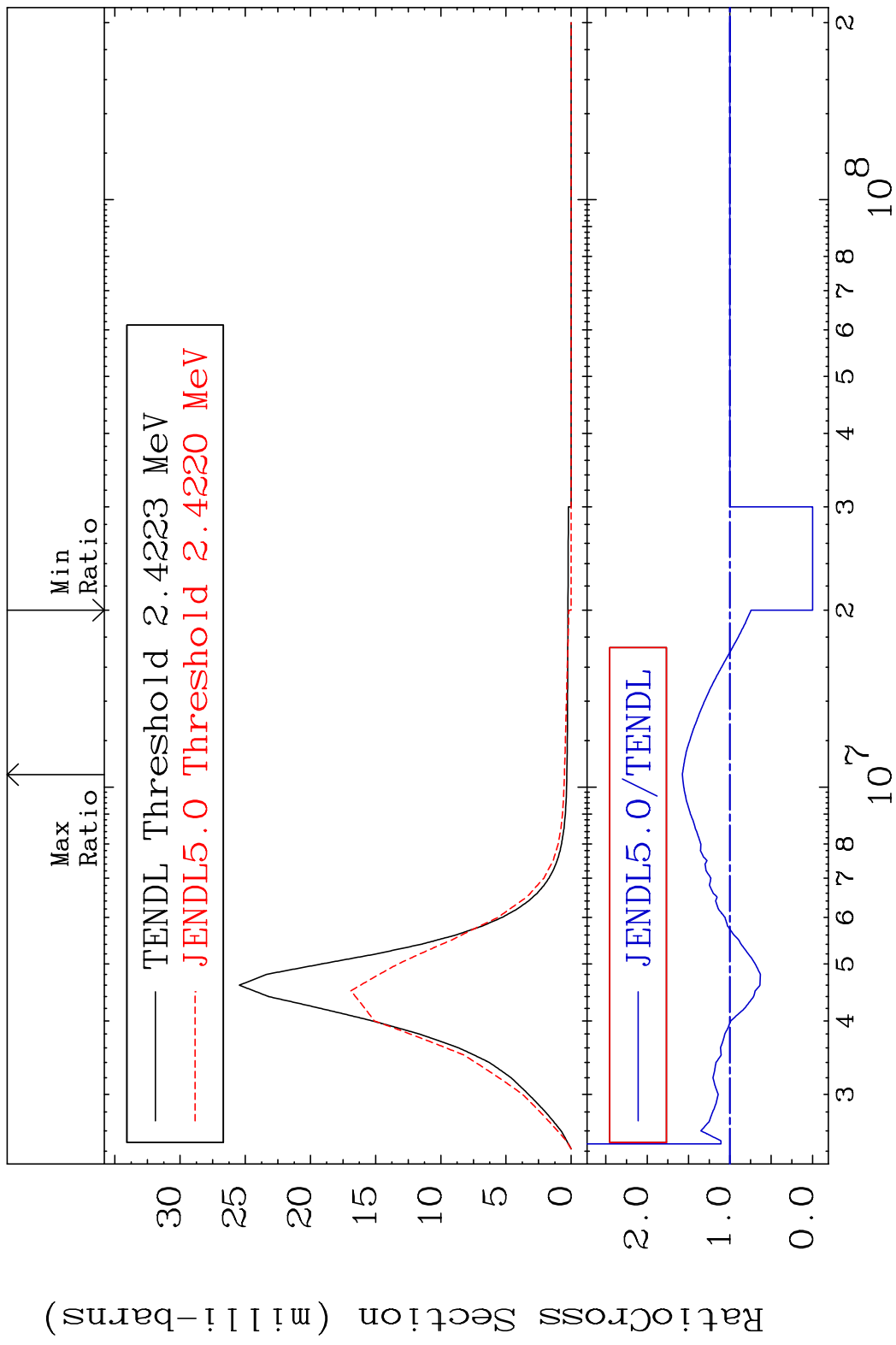
MAT 3631 MT= 55 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 9999. %



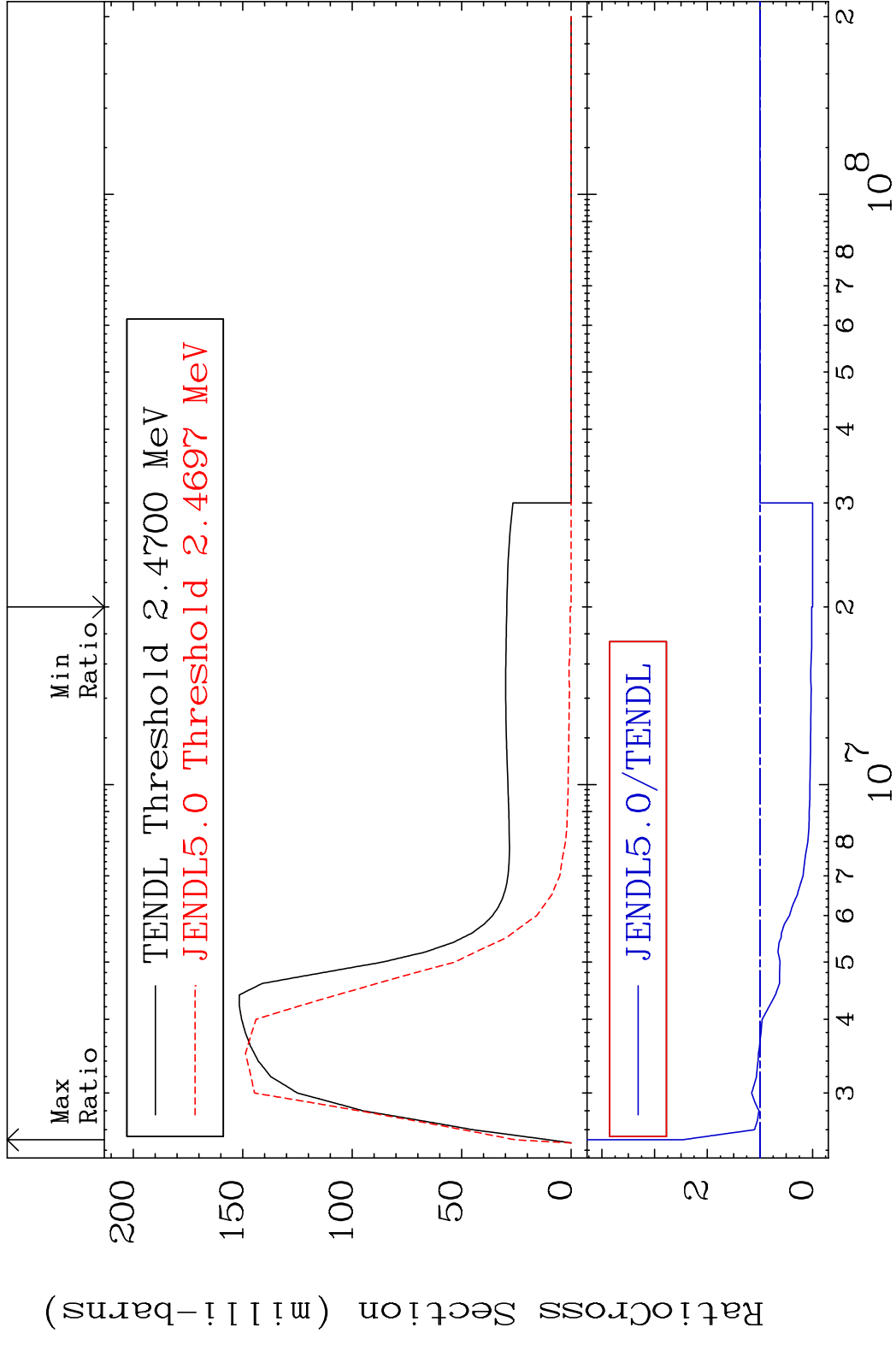
MAT 3631 MT= 56 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 166.3 %



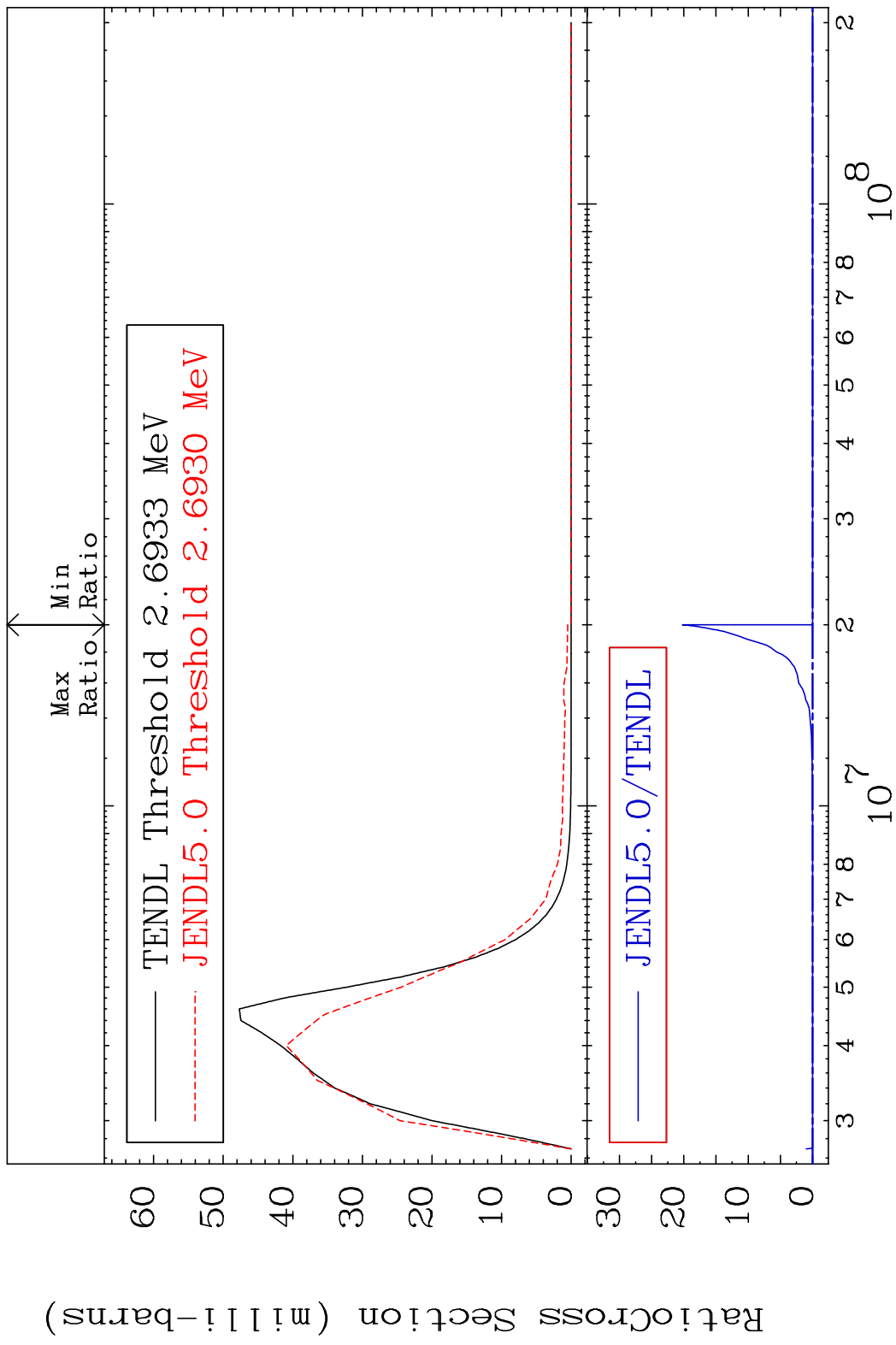
MAT 3631 MT= 57 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 57.47 %



MAT 3631 MT= 58 (n,n') Level 36-Kr-80
 Cross Section -100.0 To 147.3 %

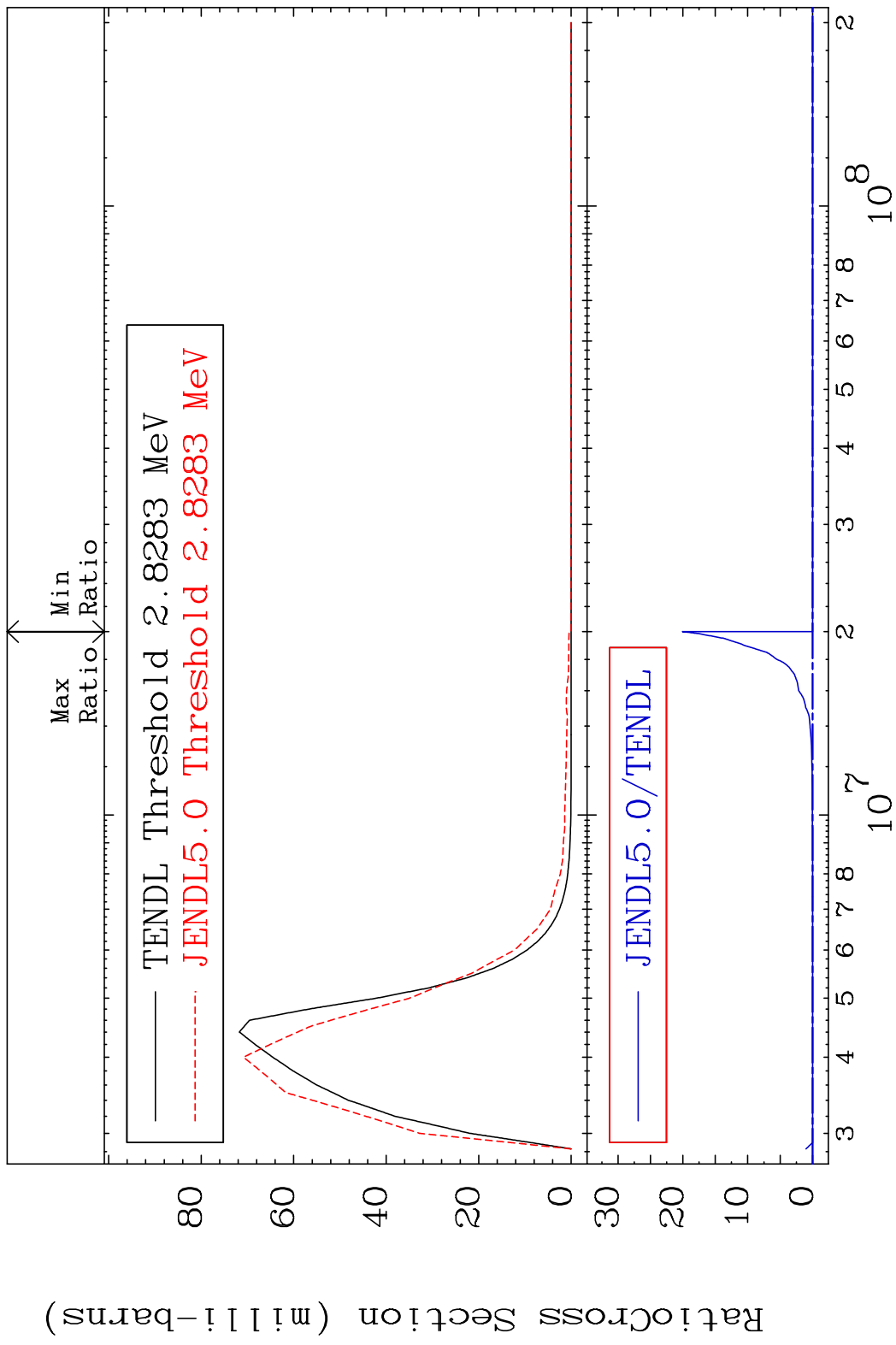


MAT 3631 MT= 59 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 9999. %



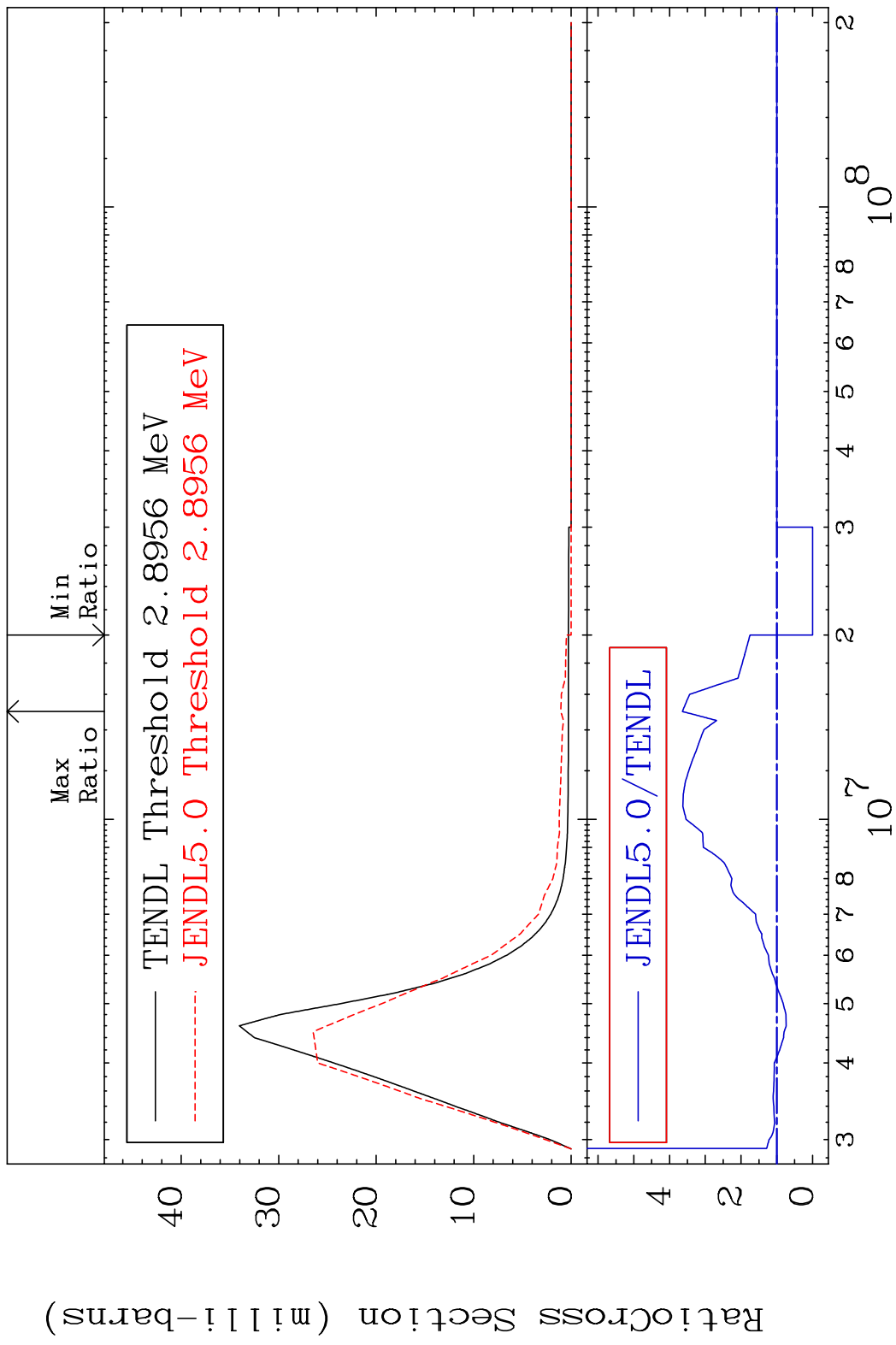
17 36-Kr-80

MAT 3631 MT= 60 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 9999. %

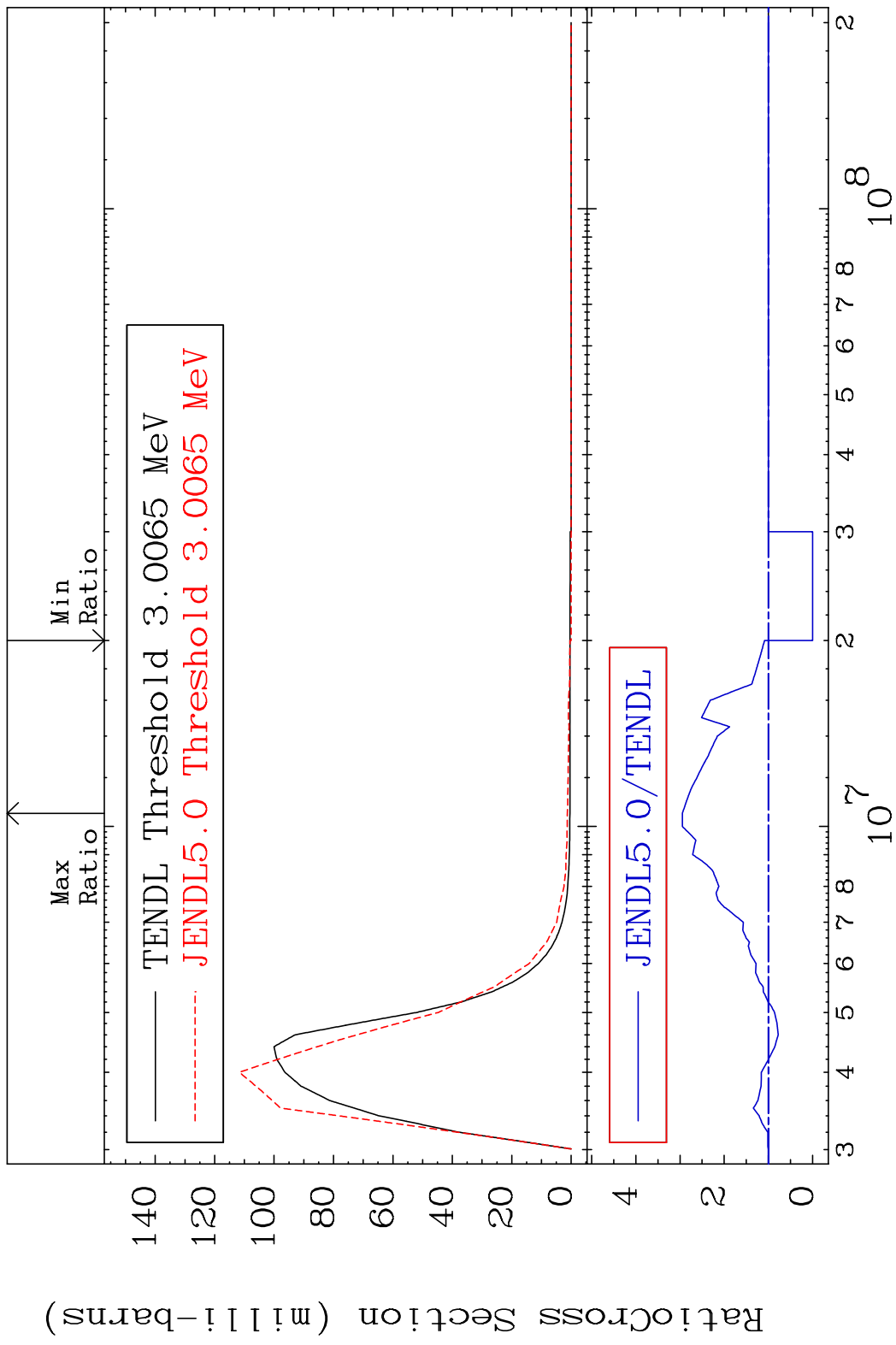


18 36-Kr-80

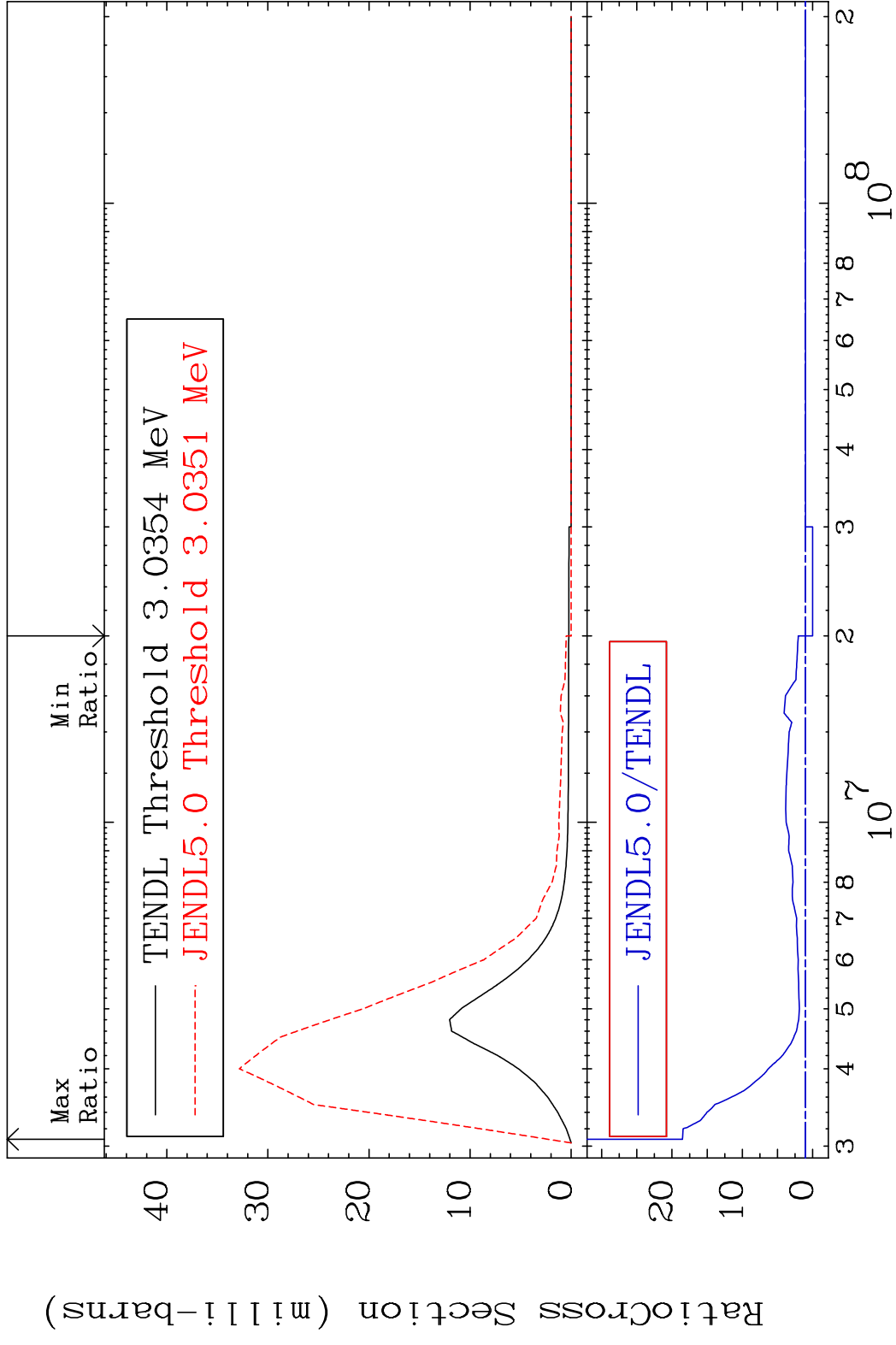
MAT 3631 MT= 61 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 264.2 %



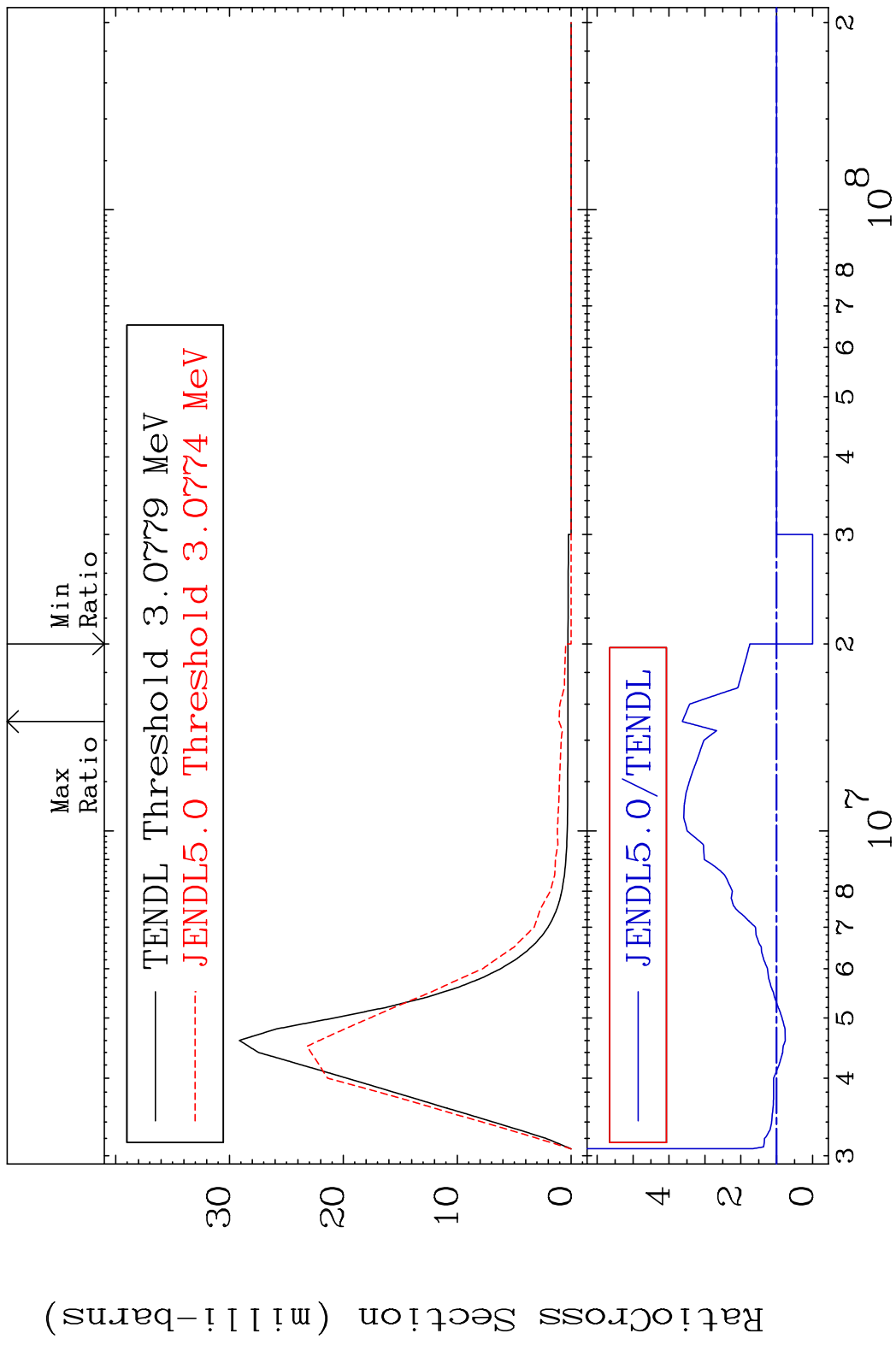
MAT 3631 MT= 62 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 194.7 %



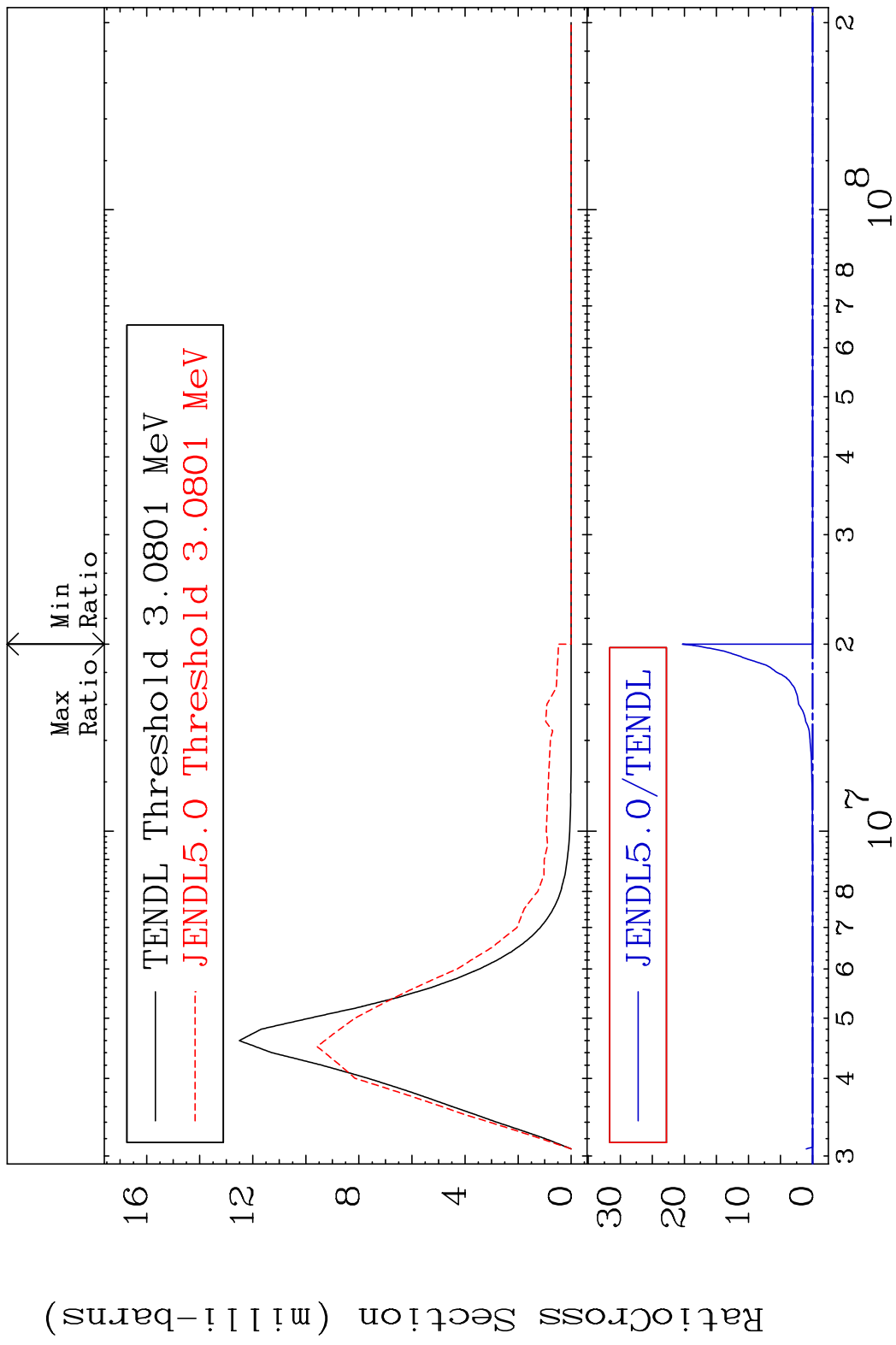
MAT 3631 MT= 63 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 1753. %



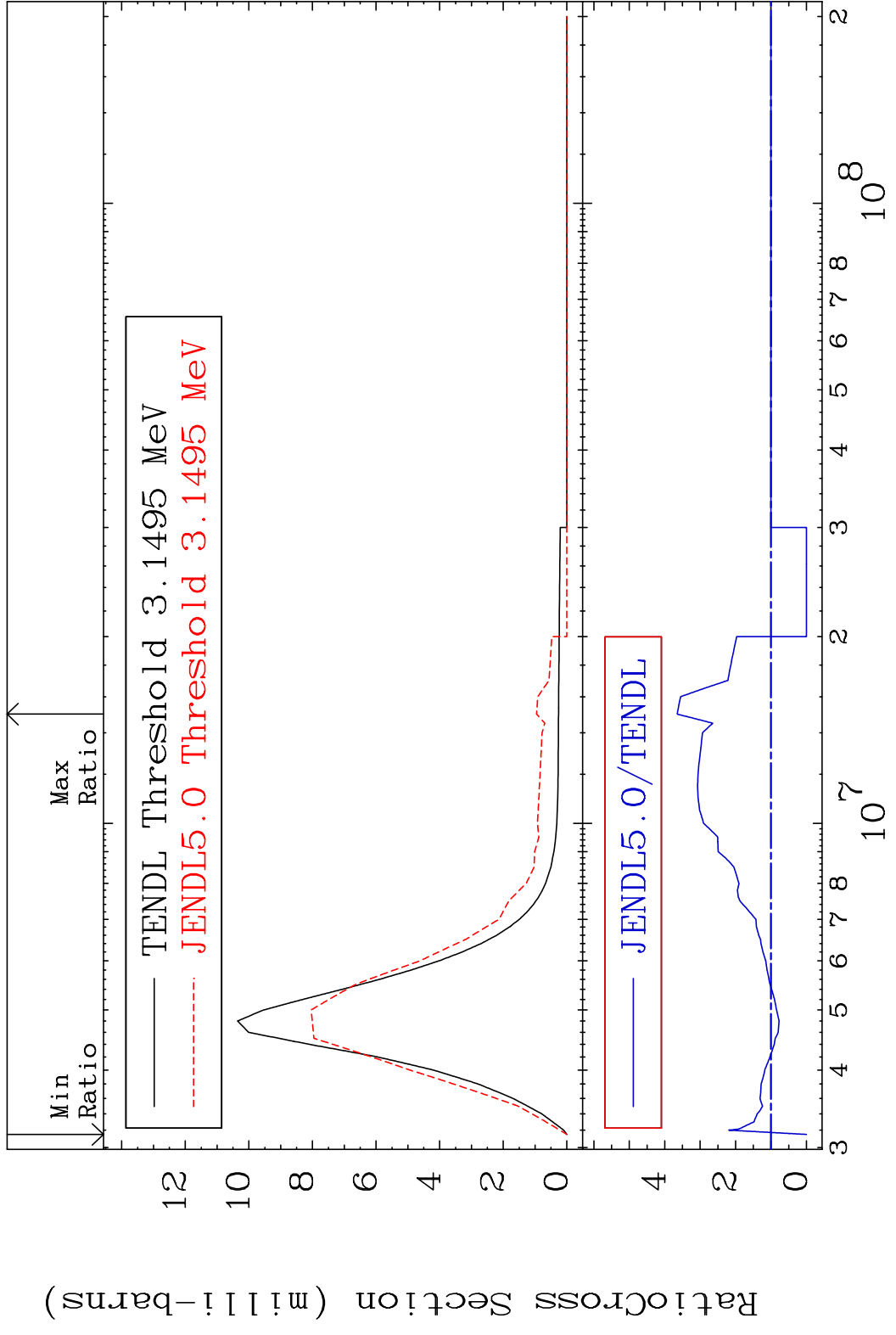
MAT 3631 MT= 64 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 262.7 %



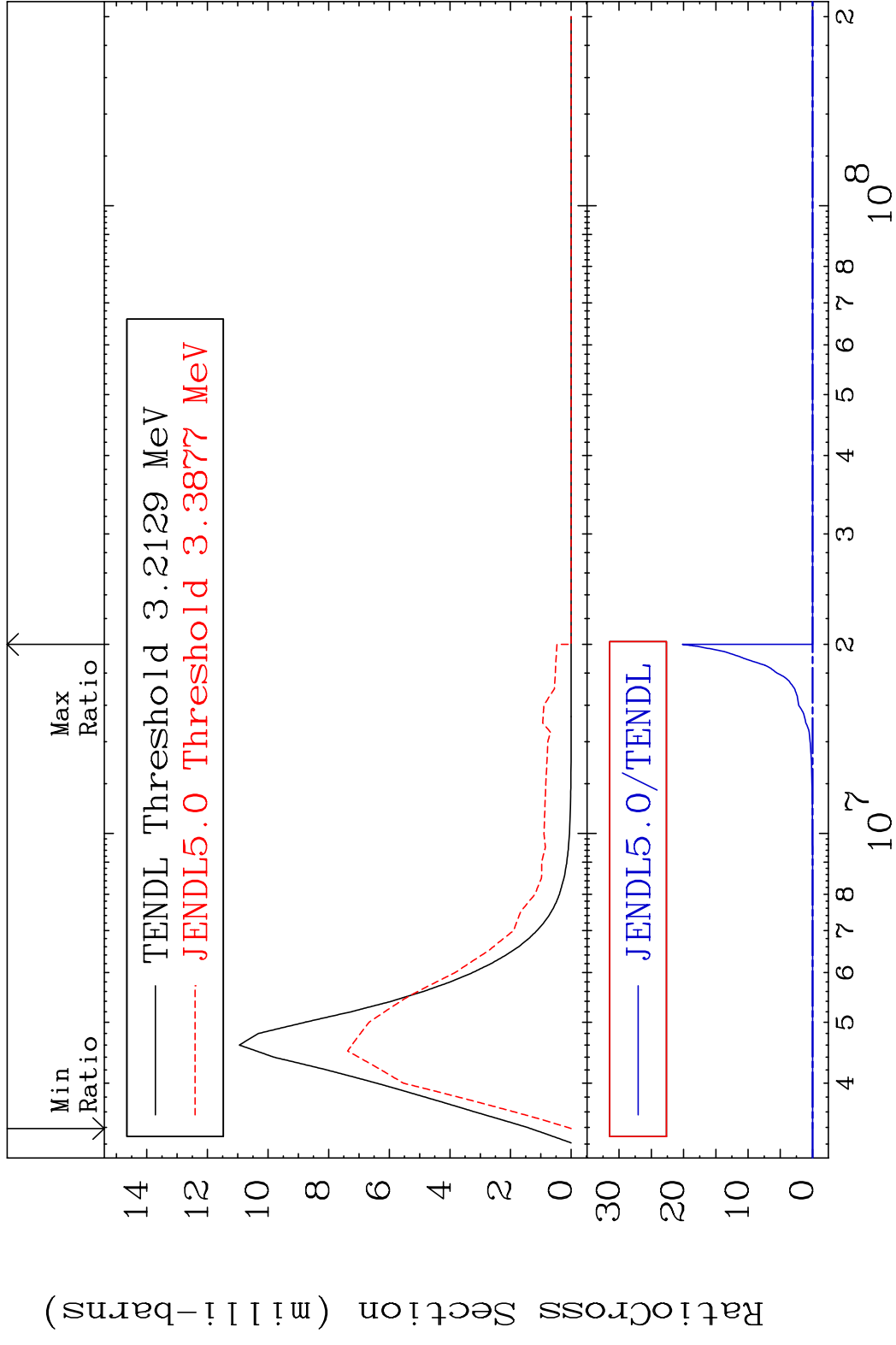
MAT 3631 MT= 65 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 9999. %



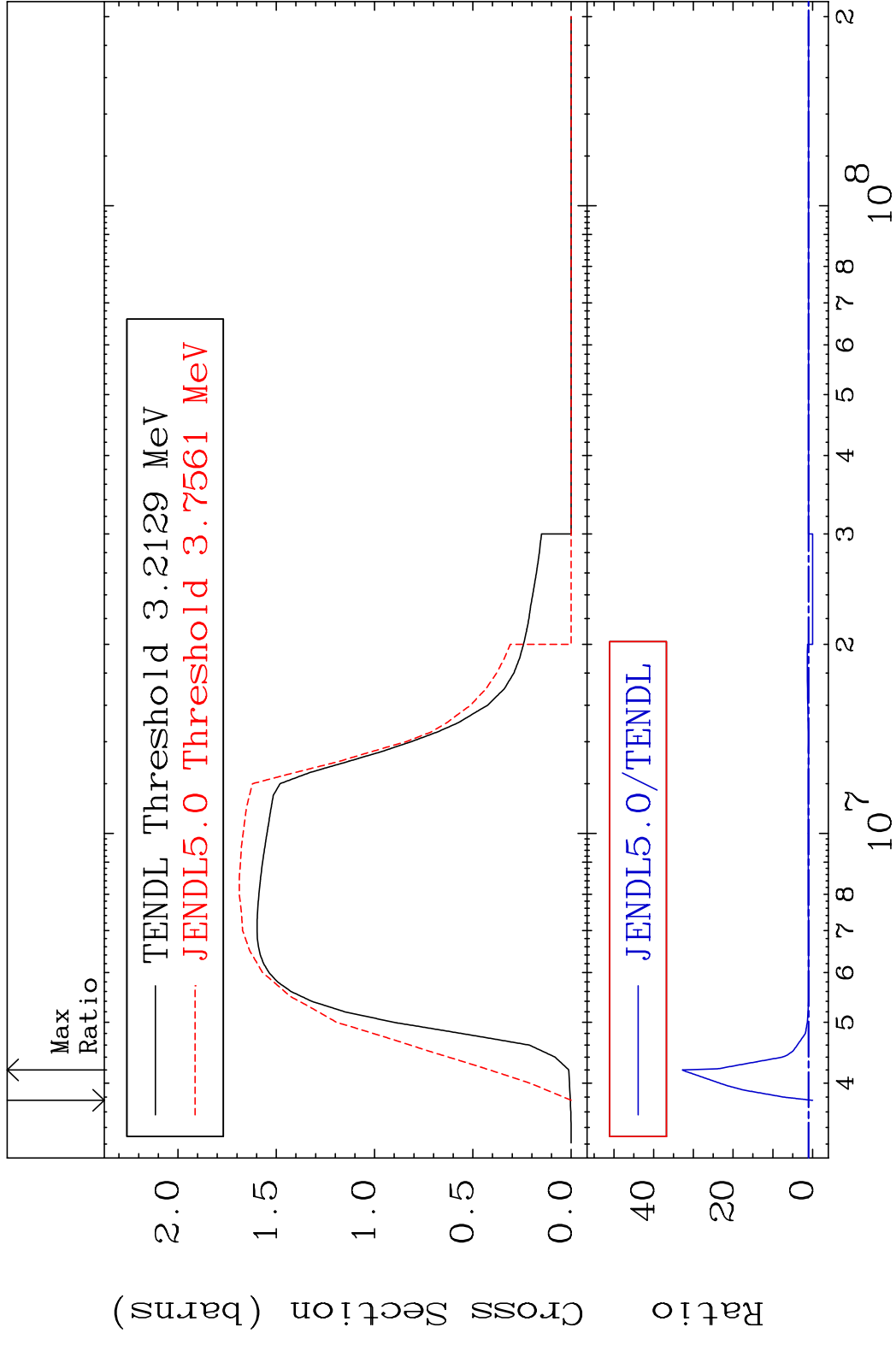
MAT 3631 MT= 66 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 264.8 %



MAT 3631 MT= 67 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 9999. %



MAT 3631 (n,n') Continuum 36-Kr-80
 Cross Section -100.0 To 3177. %

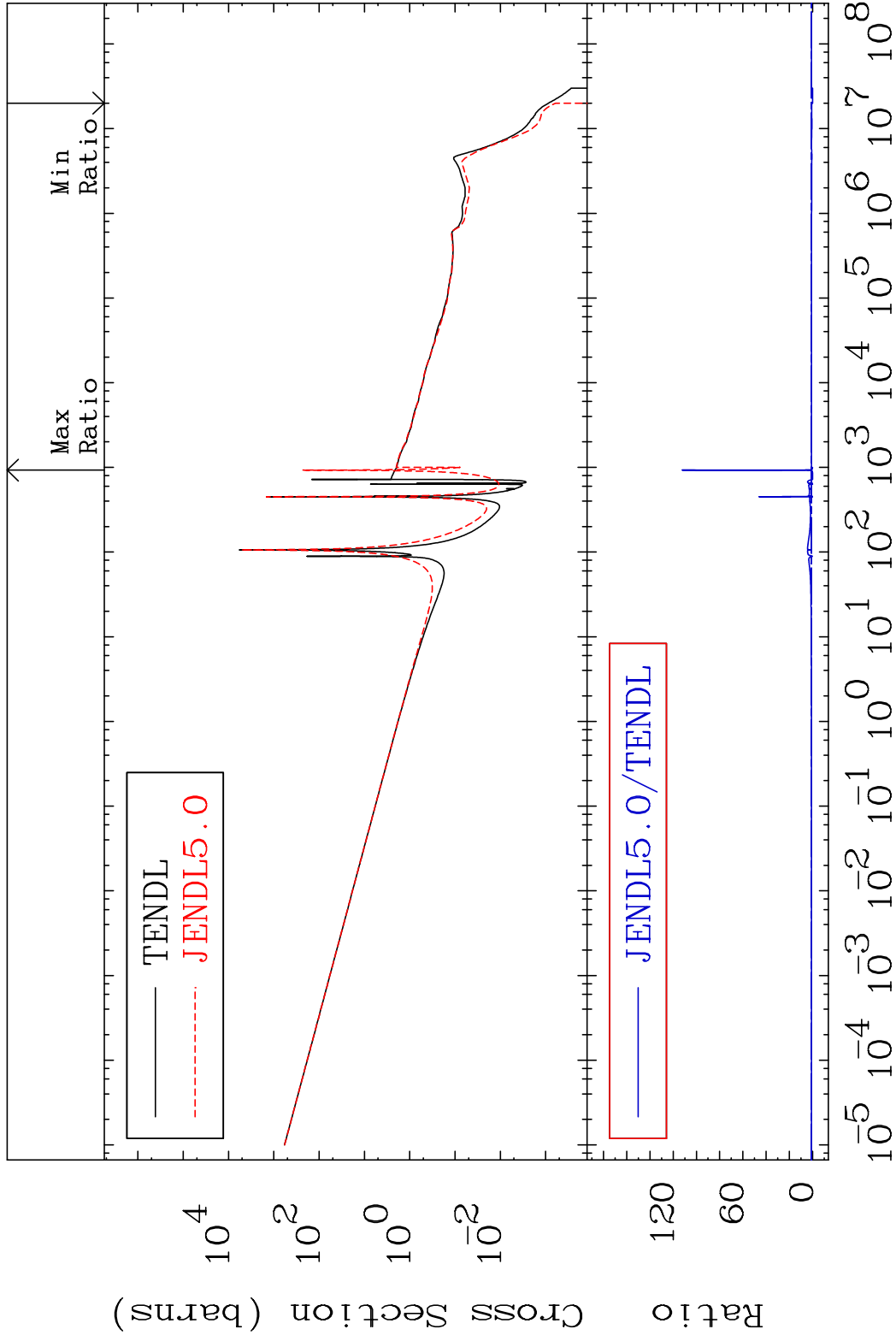


MAT 3631

(n, γ)

36-Kr-80

Cross Section -100.0 To 9999. %

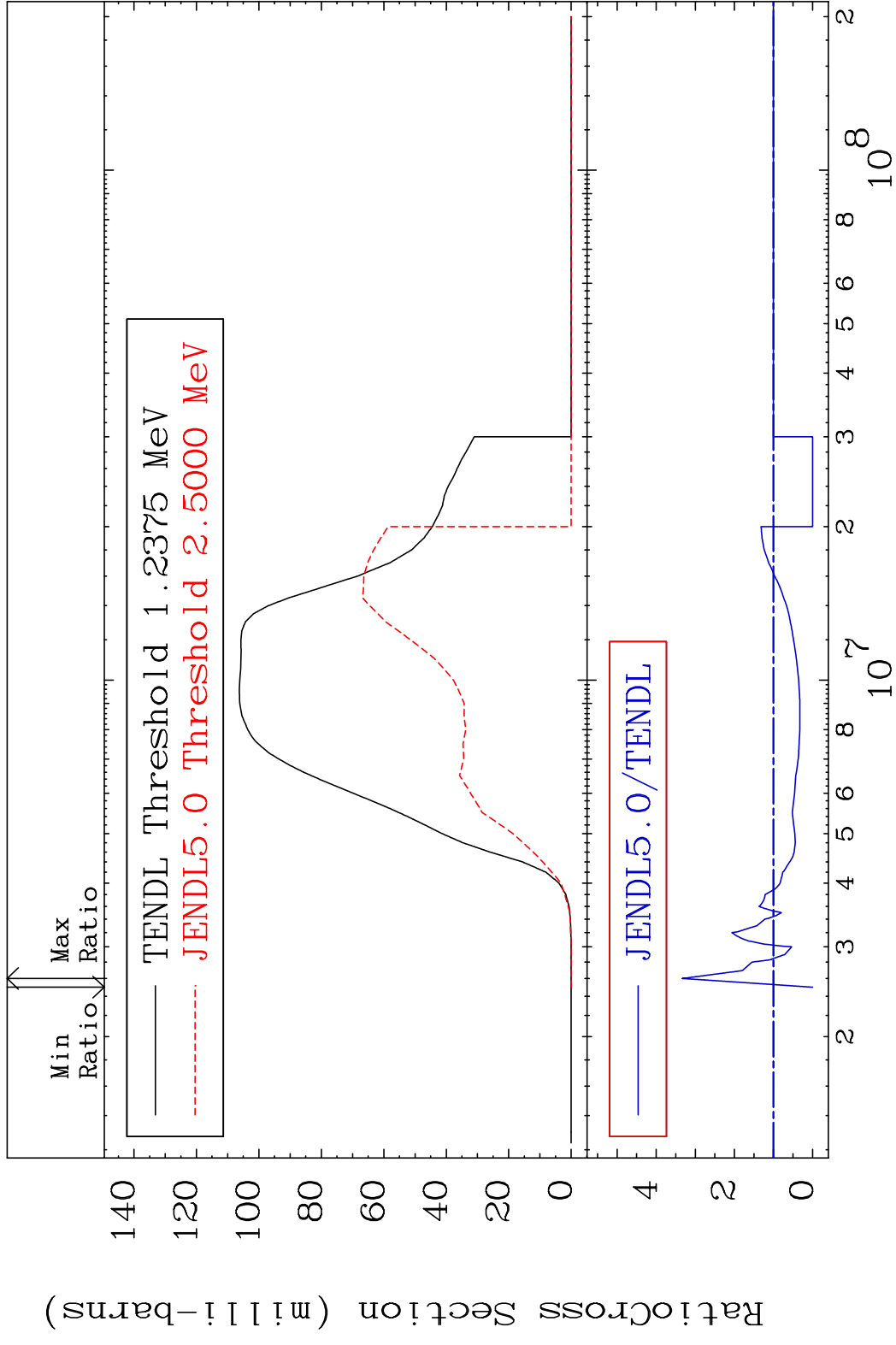


27

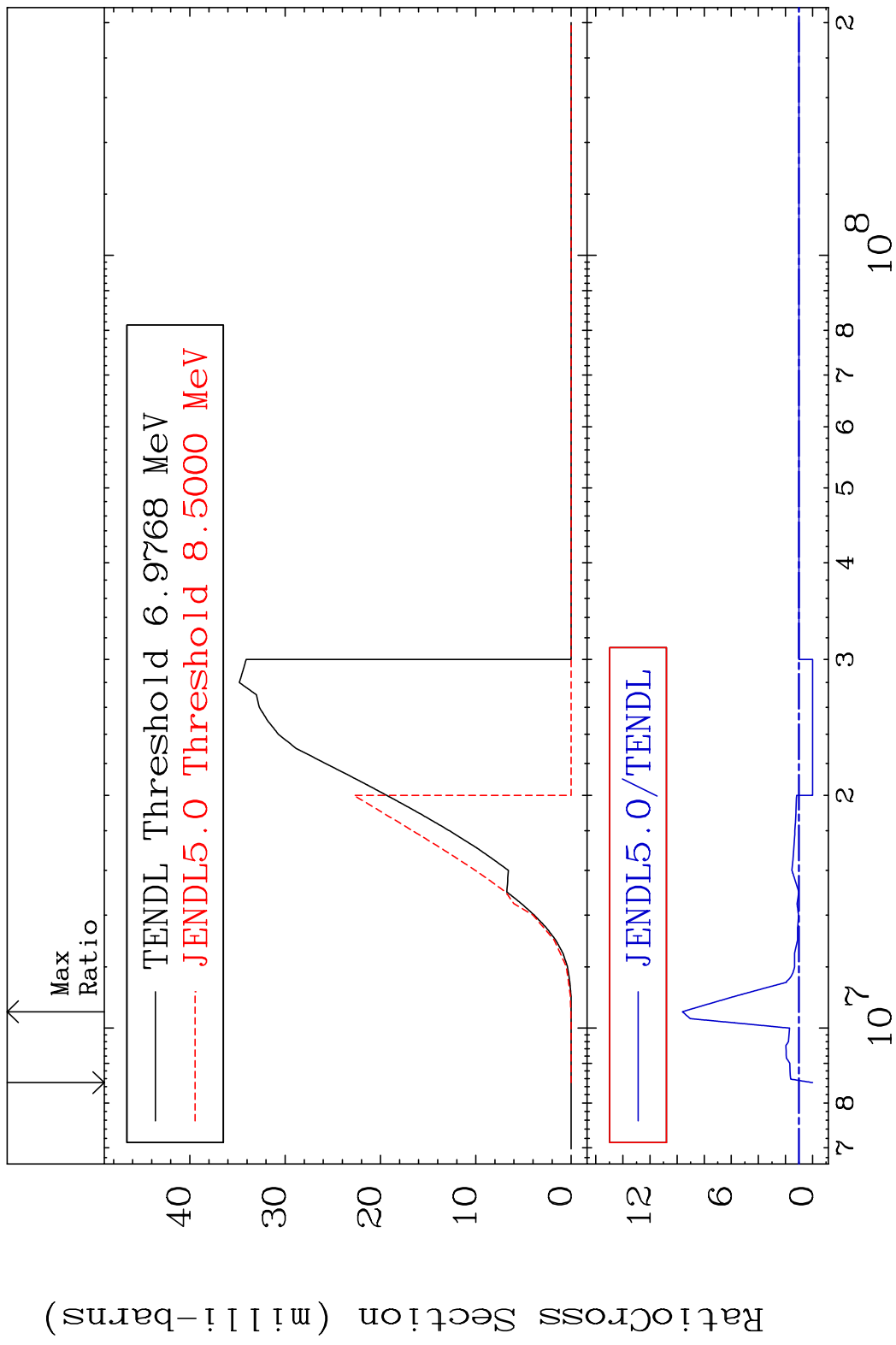
Incident Energy (eV)

36-Kr-80

MAT 3631 (n,p) 36-Kr-80
 Cross Section -100.0 To 233.1 %



MAT 3631 (n,d) 36-Kr-80
 Cross Section -100.0 To 861.1 %



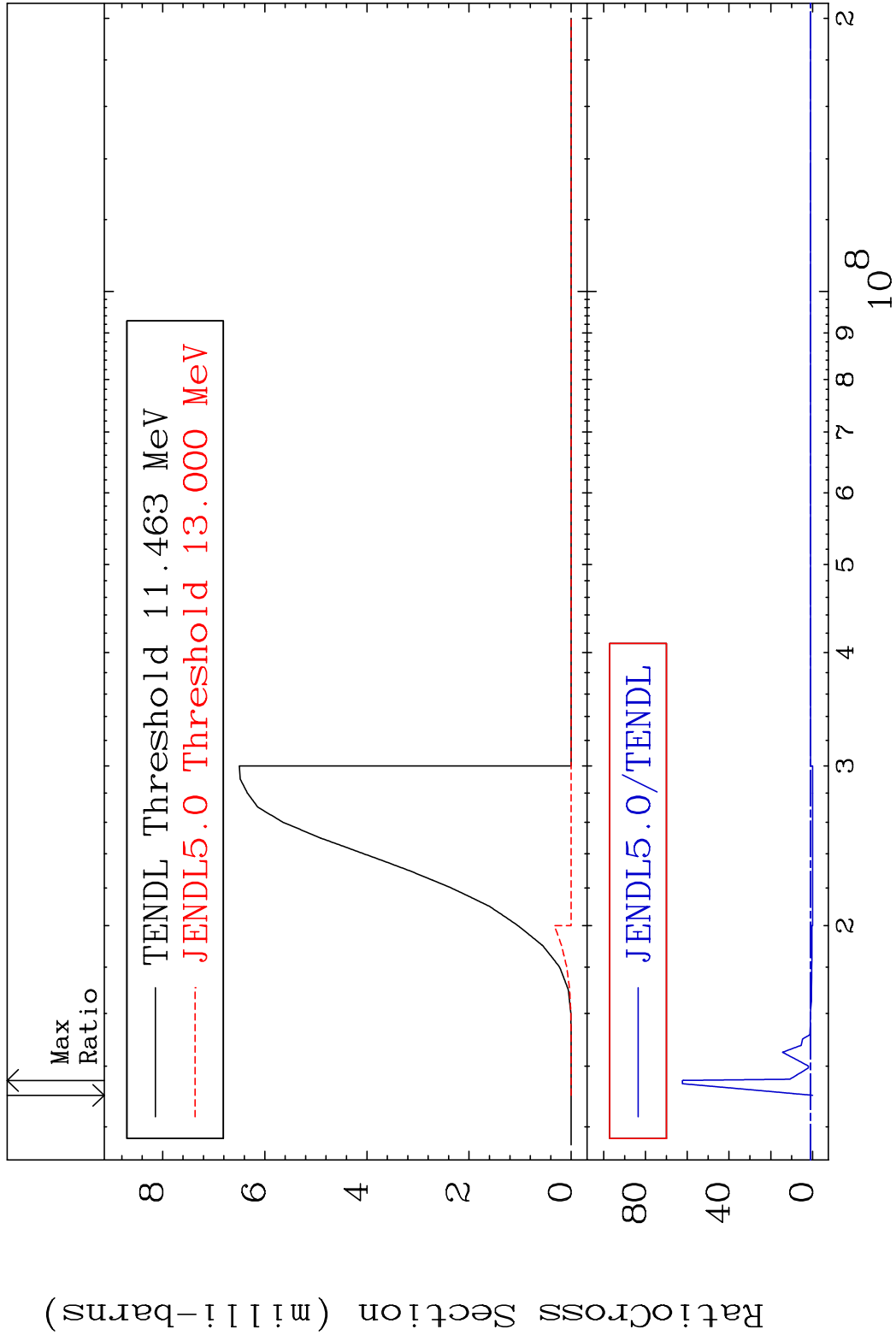
29 36-Kr-80

MAT 3631

(n, t)

36-Kr-80

Cross Section -100.0 To 6134. %



30

Incident Energy (eV)

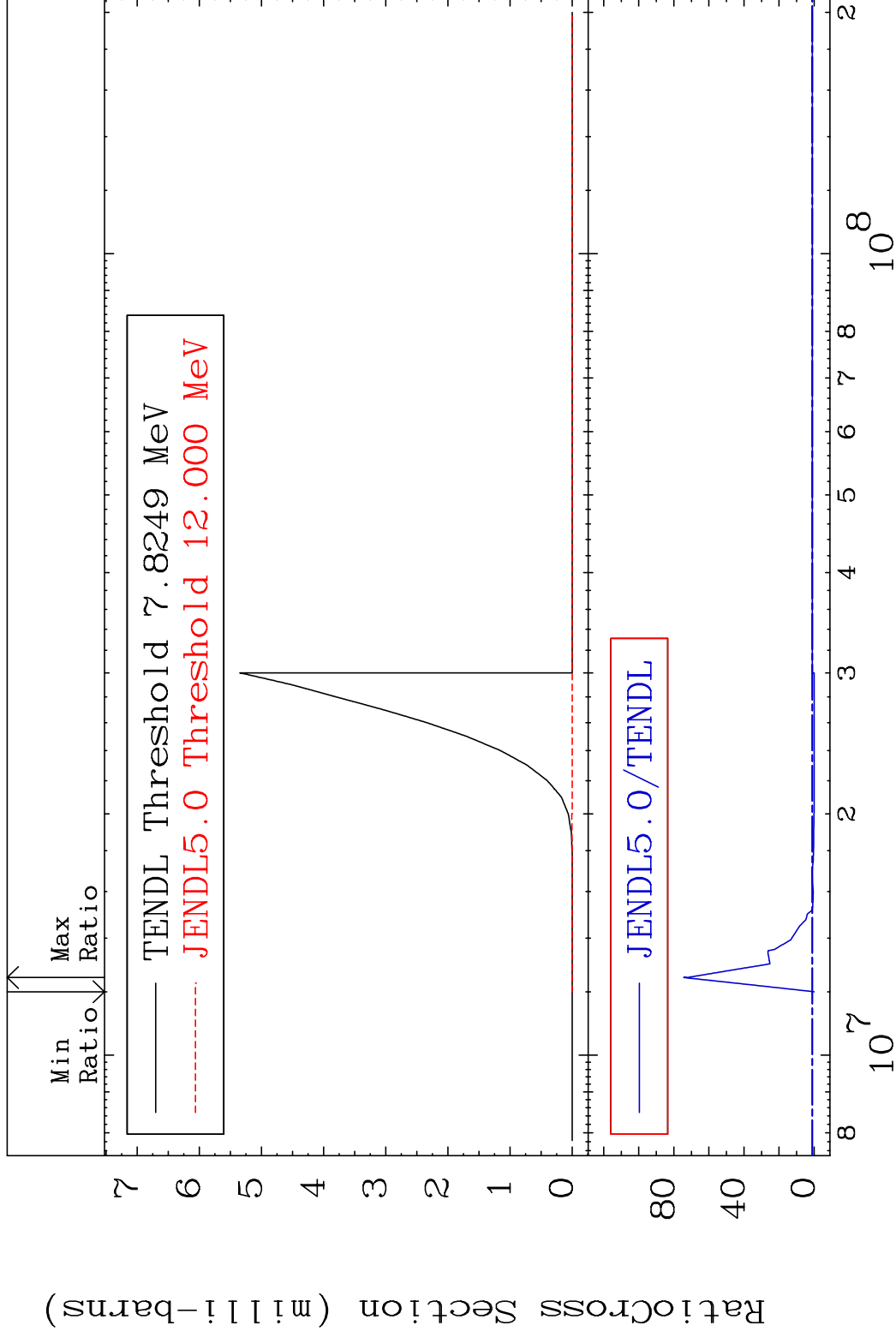
36-Kr-80

MAT 3631

(n, He-3)

36-Kr-80

Cross Section -100.0 To 7339. %



31

Incident Energy (eV)

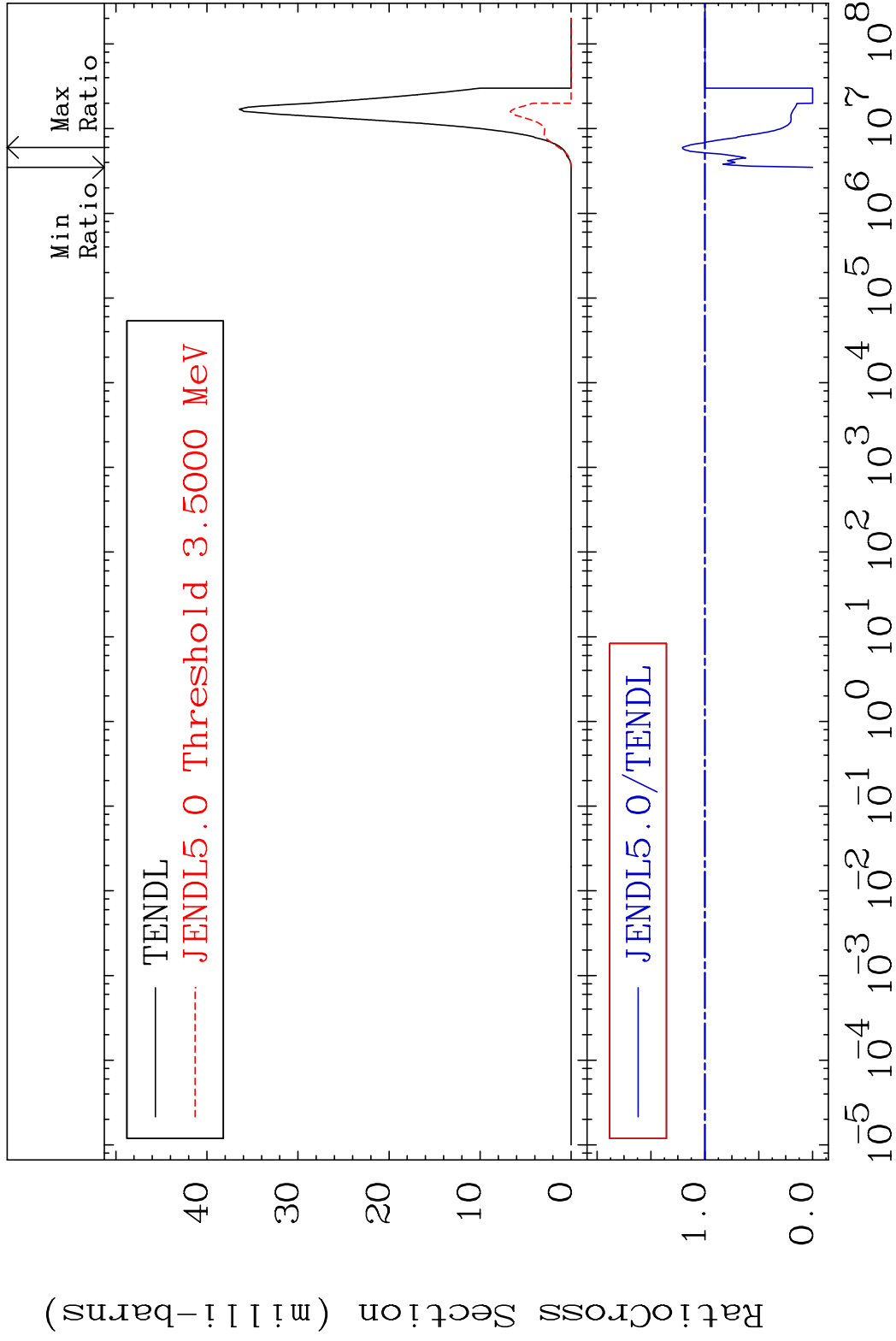
36-Kr-80

MAT 3631

(n, α)

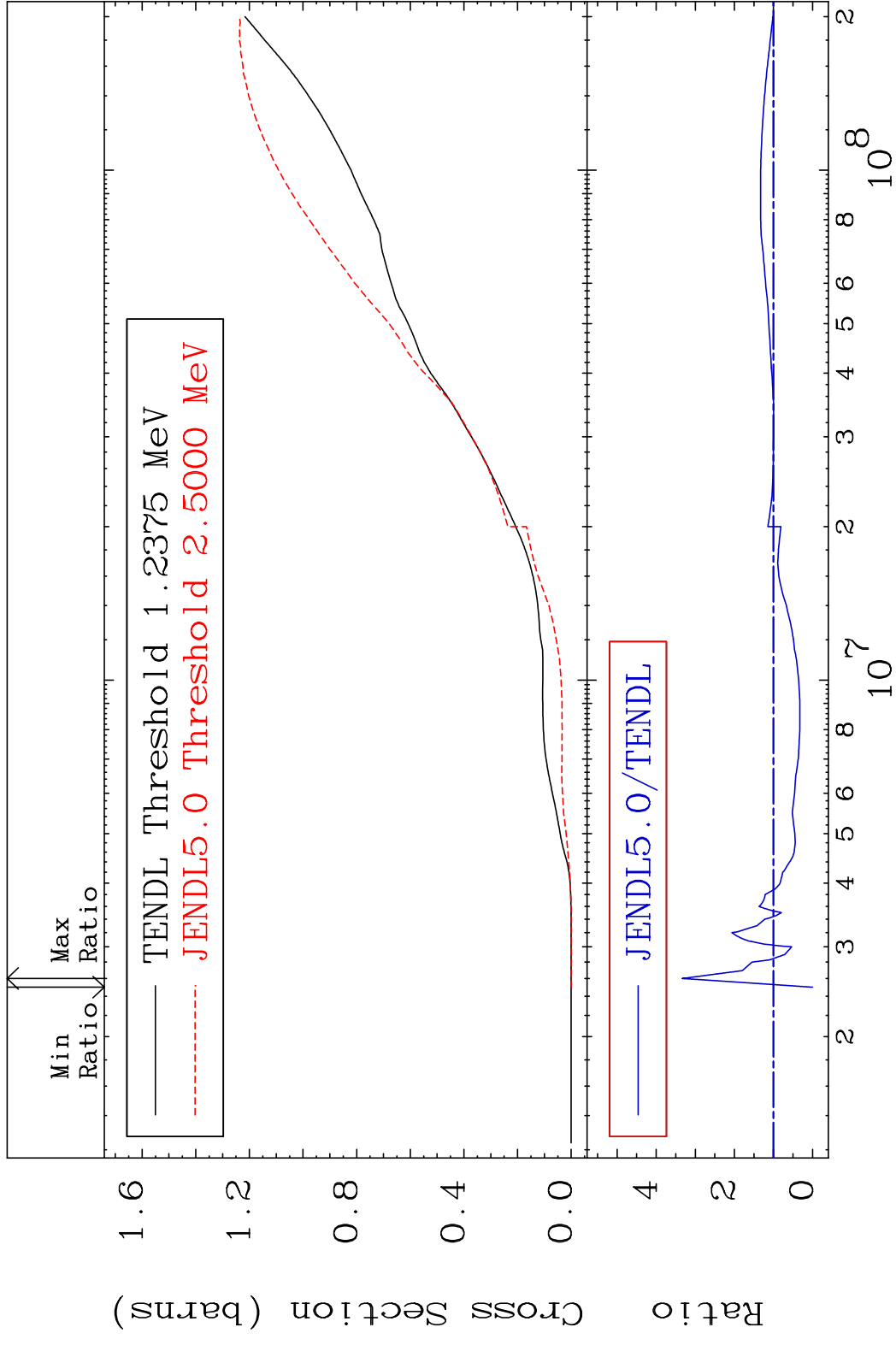
36-Kr-80

Cross Section -100.0 To 20.89 %

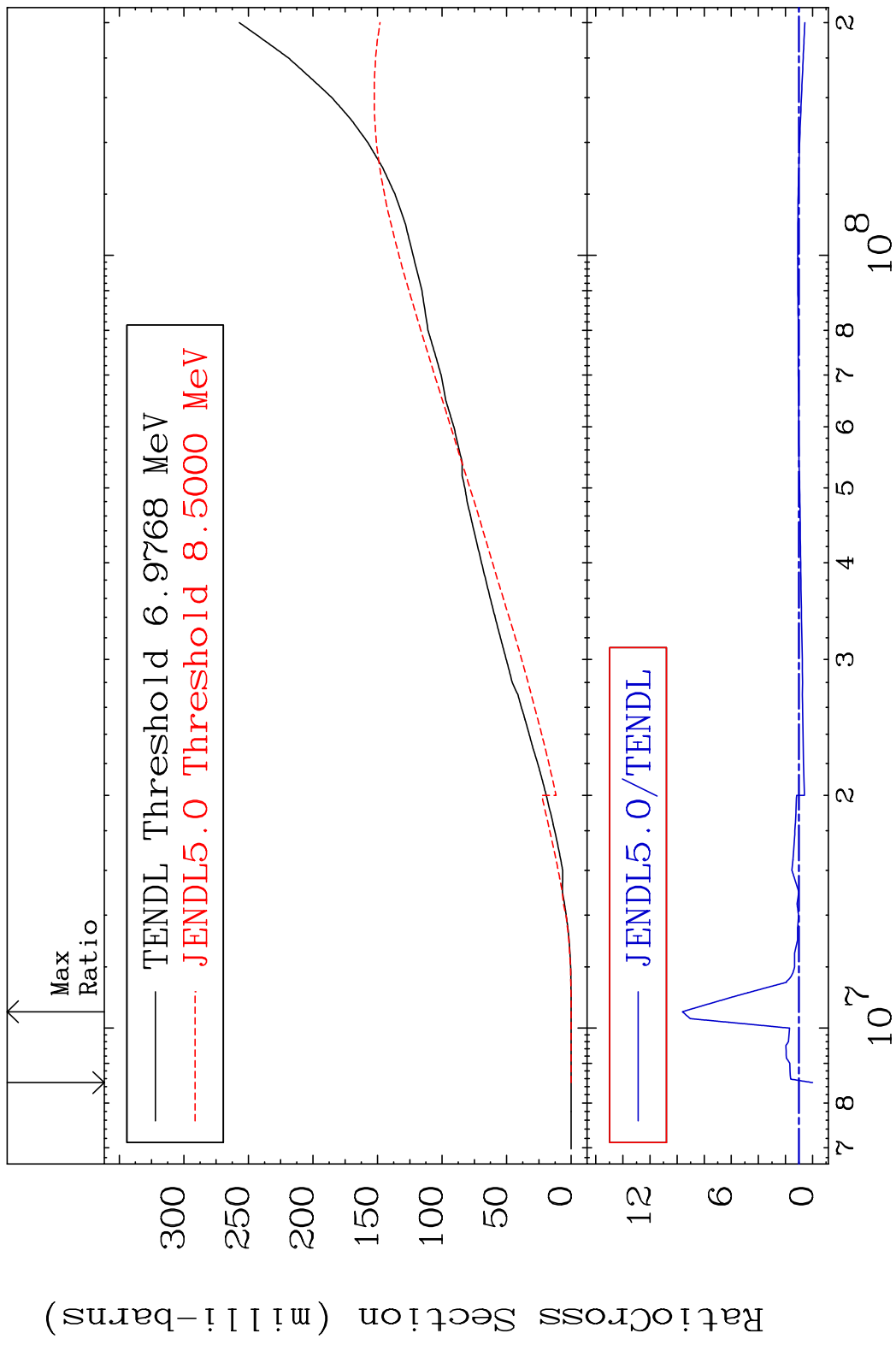


32

MAT 3631 Hydrogen Production 36-Kr-80
 Cross Section -100.0 To 233.1 %

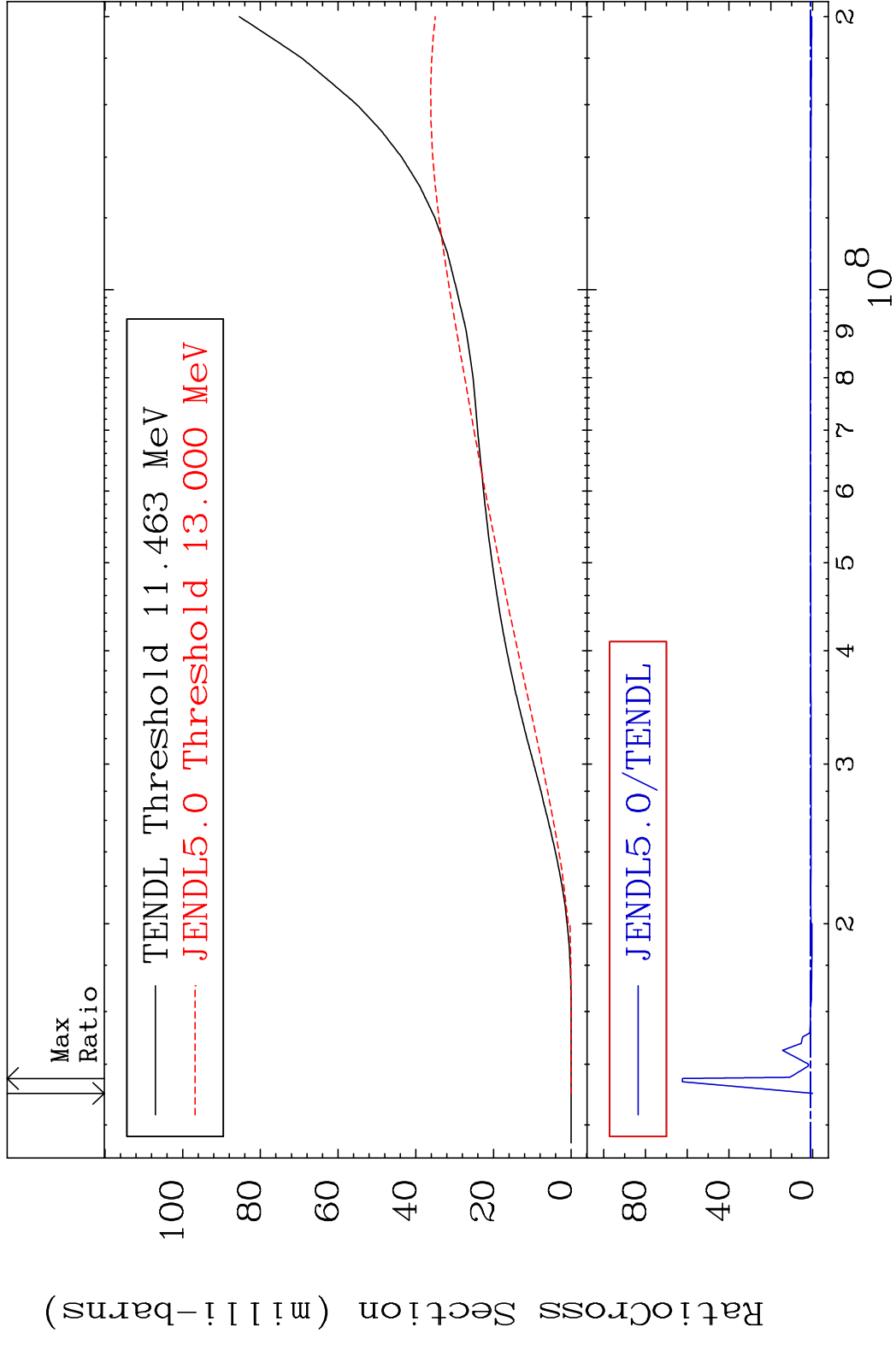


MAT 3631 Deuterium Production 36-Kr-80
 Cross Section -100.0 To 861.1 %



34 36-Kr-80

MAT 3631 Tritium Production 36-Kr-80
 Cross Section -100.0 To 6134. %

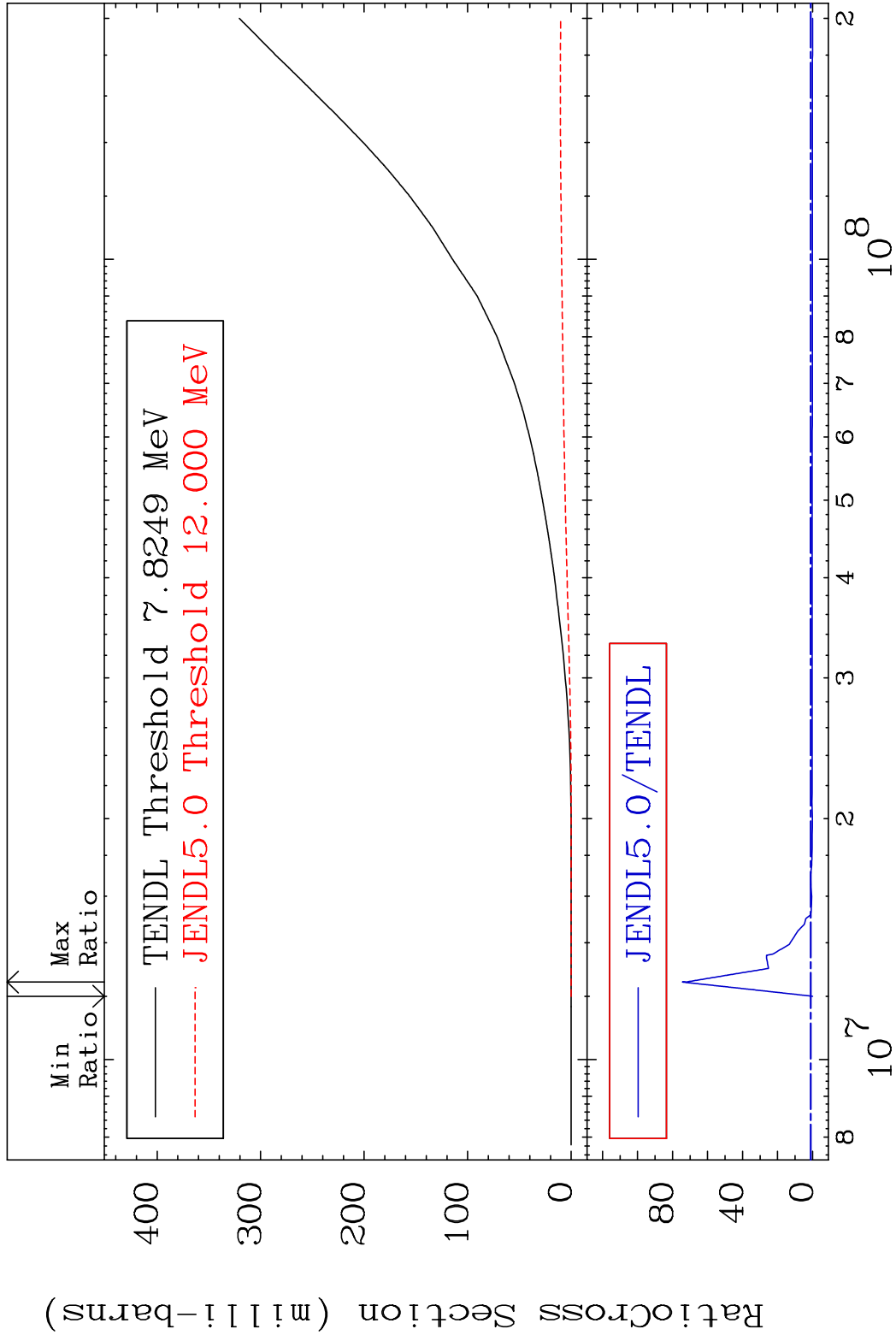


MAT 3631

He-3 Production

36-Kr-80

Cross Section -100.0 To 7339. %

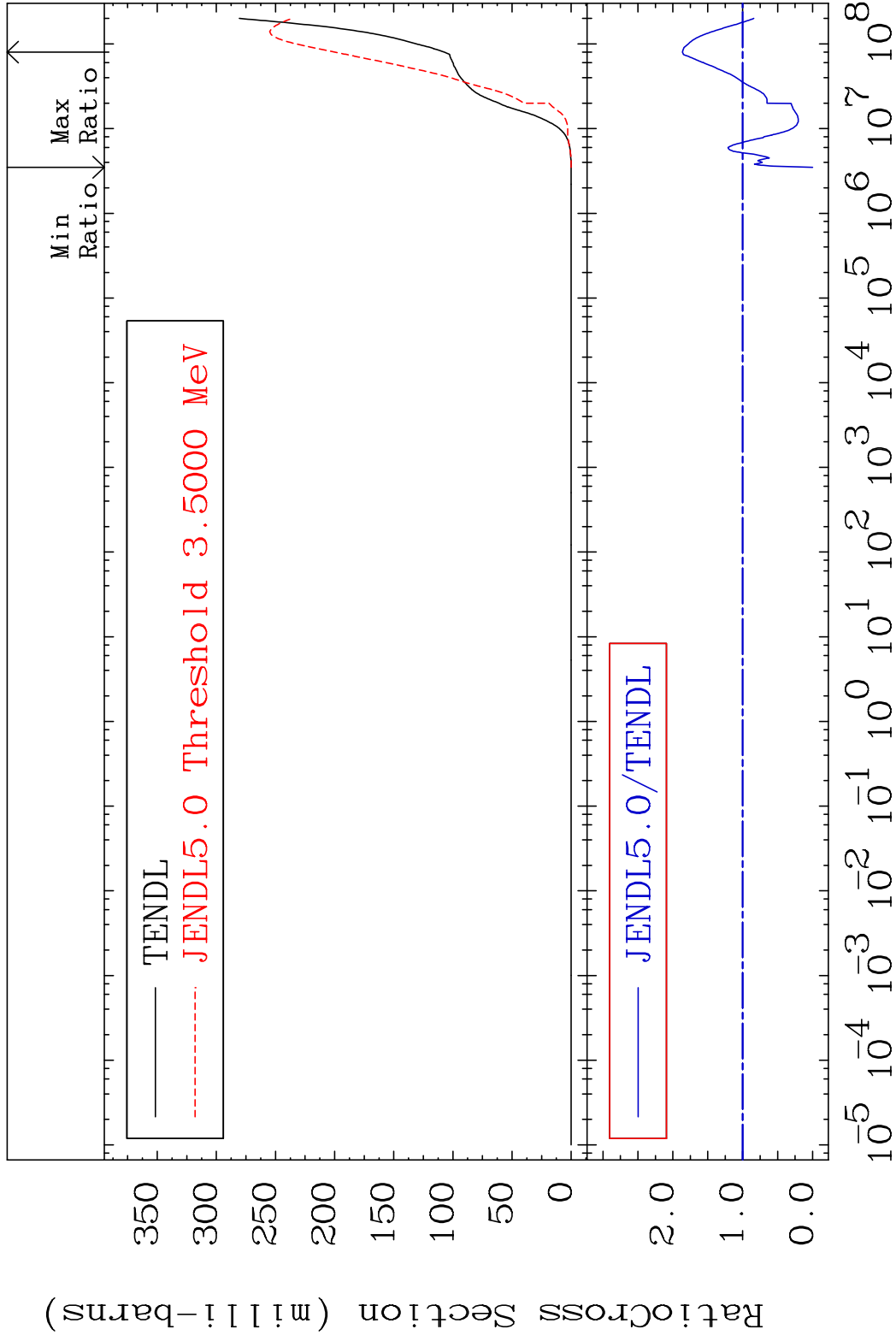


MAT 3631

He-4 Production

36-Kr-80

Cross Section -100.0 To 86.37 %

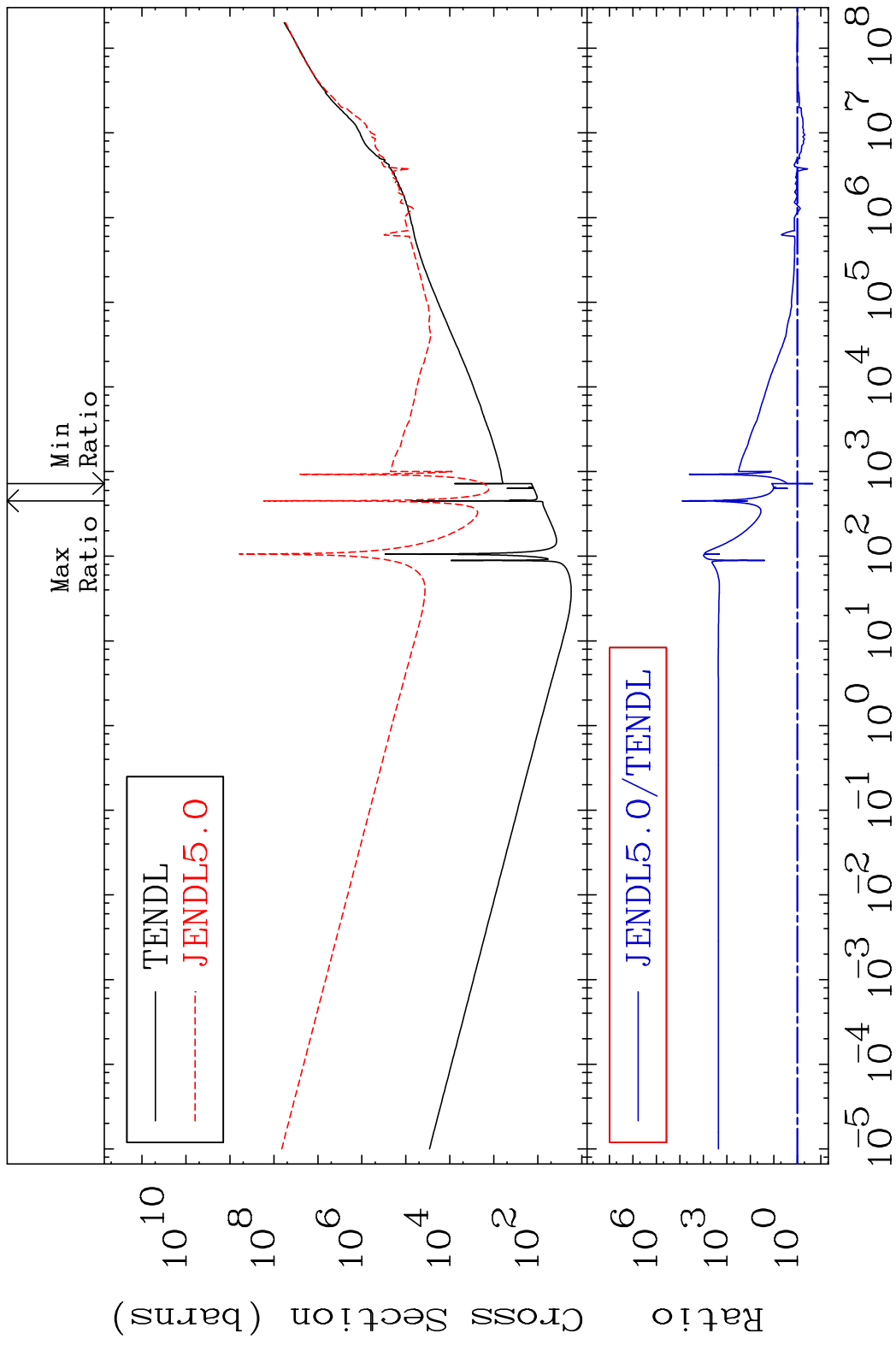


37

Incident Energy (eV)

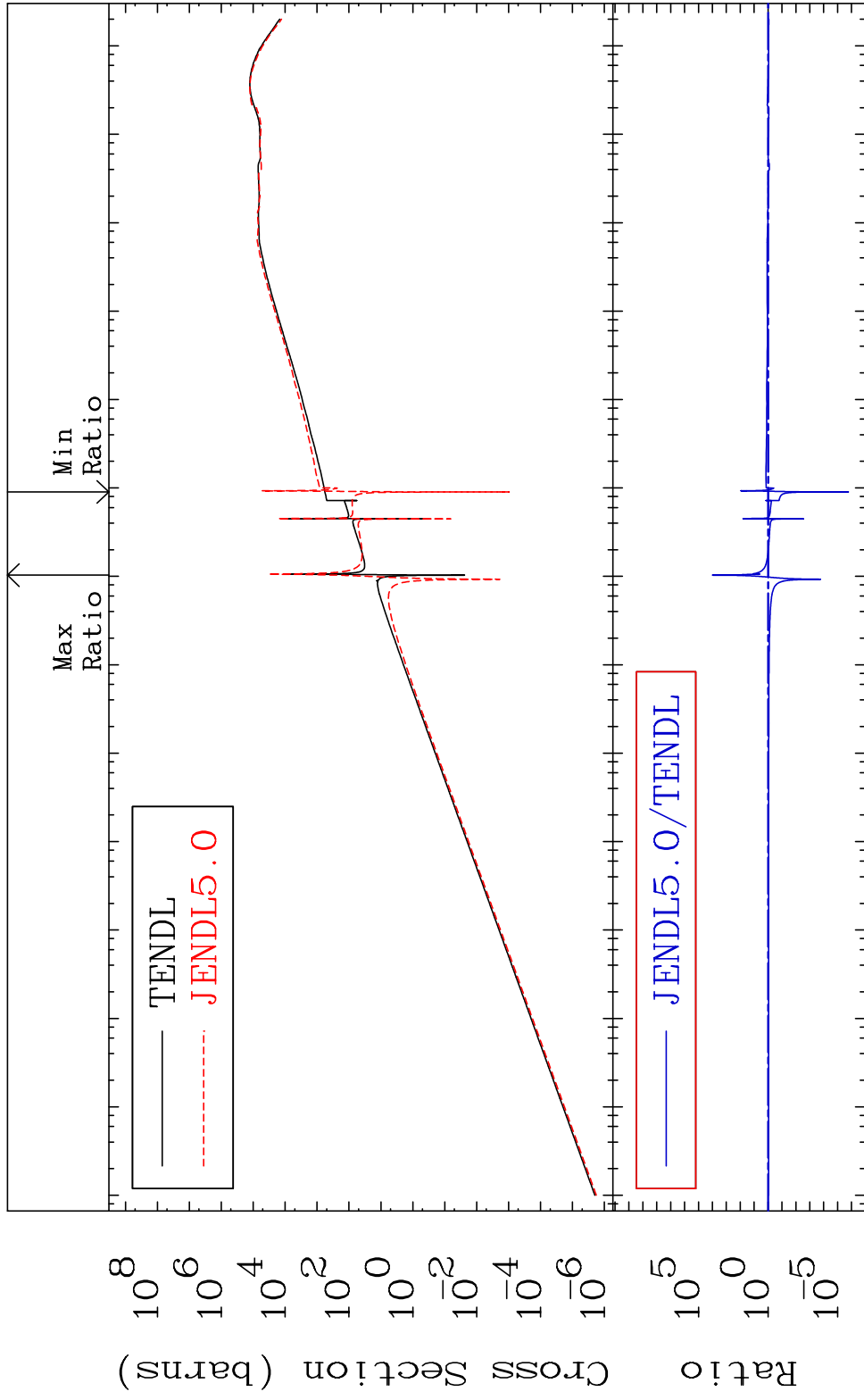
36-Kr-80

MAT 3631 Kerma total (eV-barns) 36-Kr-80
 Cross Section -77.37 To 9999. %



MAT 3631

Kerma elastic 36-Kr-80
Cross Section -100.0 To 9999. %

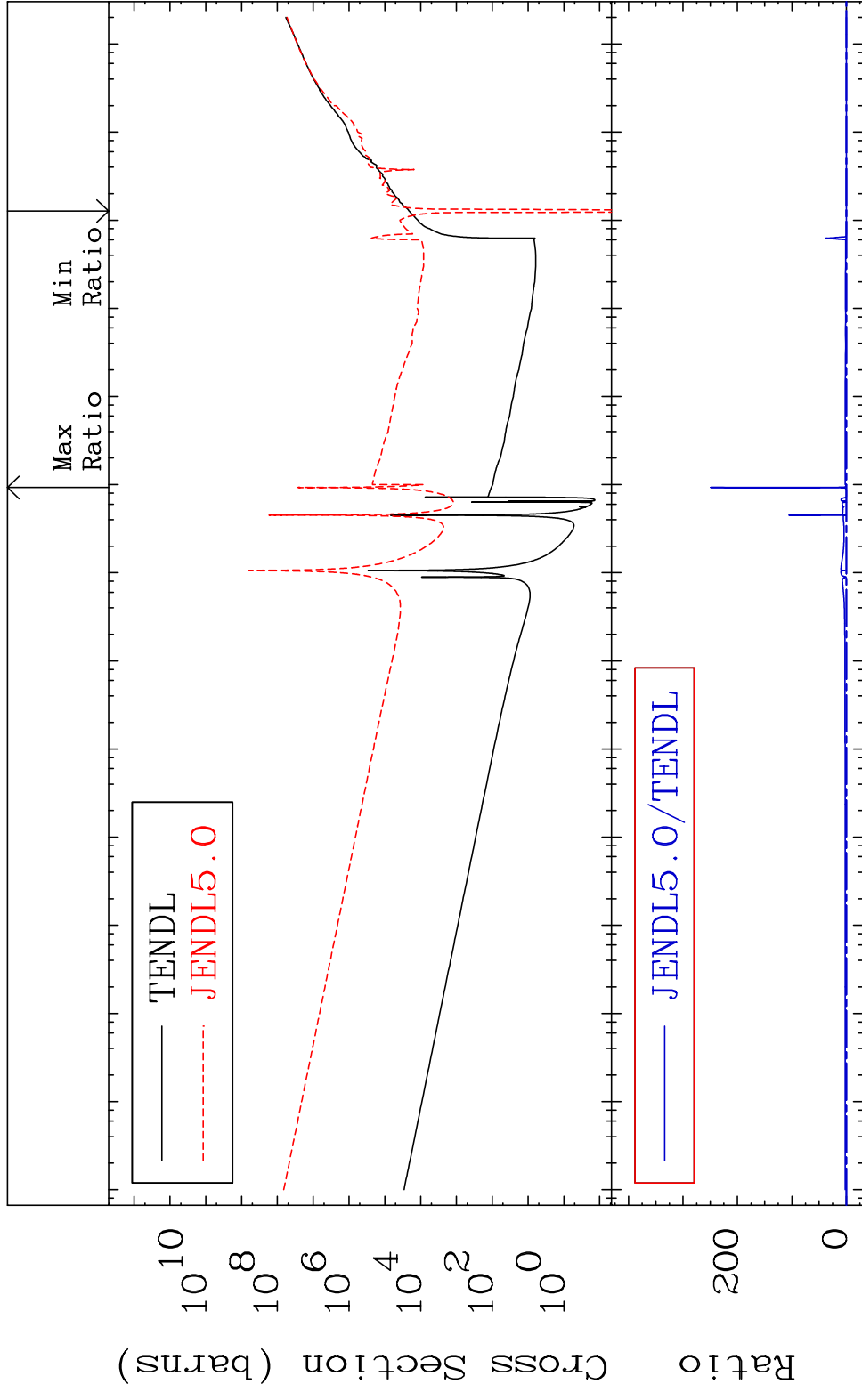


39

Incident Energy (eV)

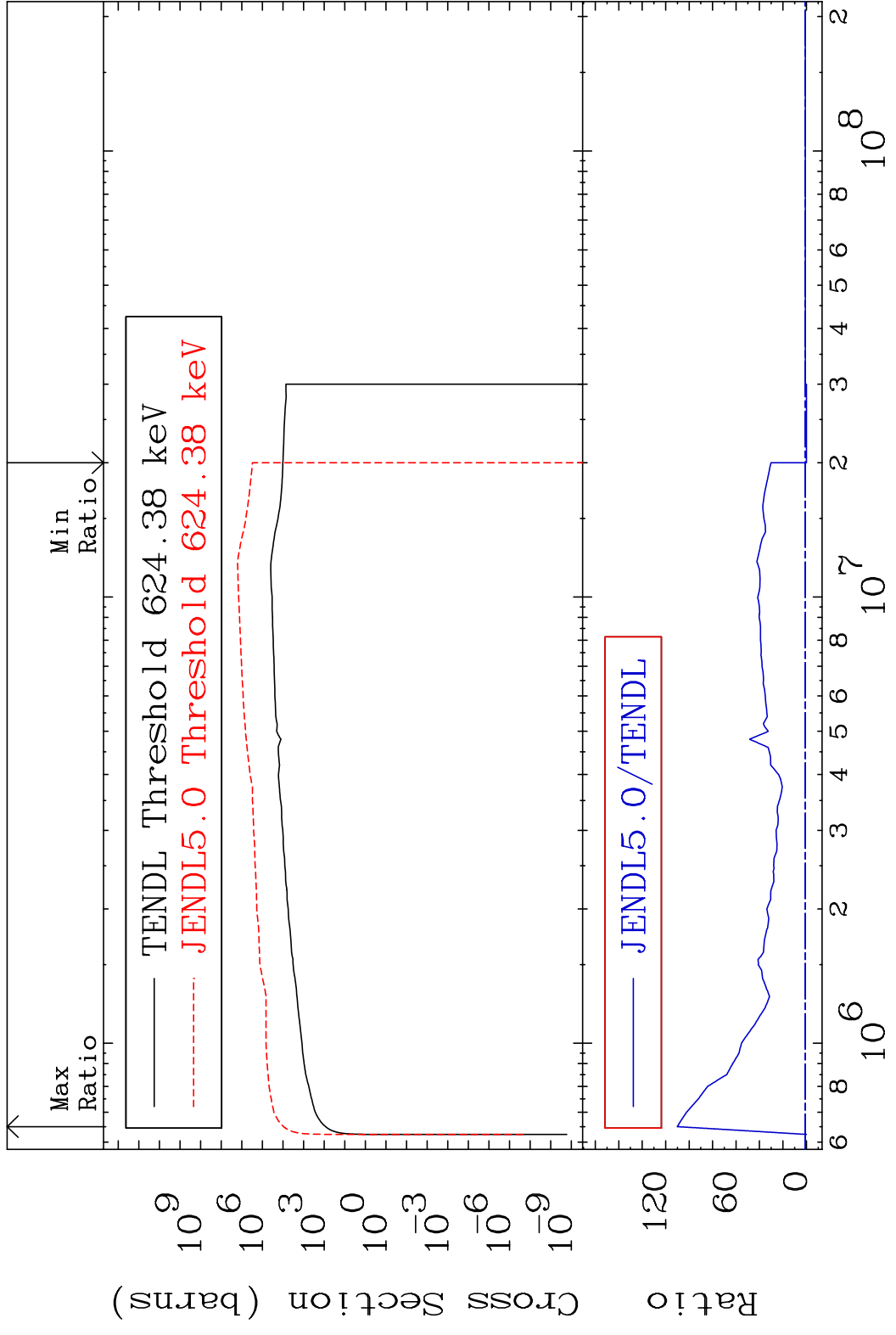
36-Kr-80

MAT 3631 Kerma non-elastic (all but mt2) 36-Kr-80
 Cross Section -131.9 To 9999. %

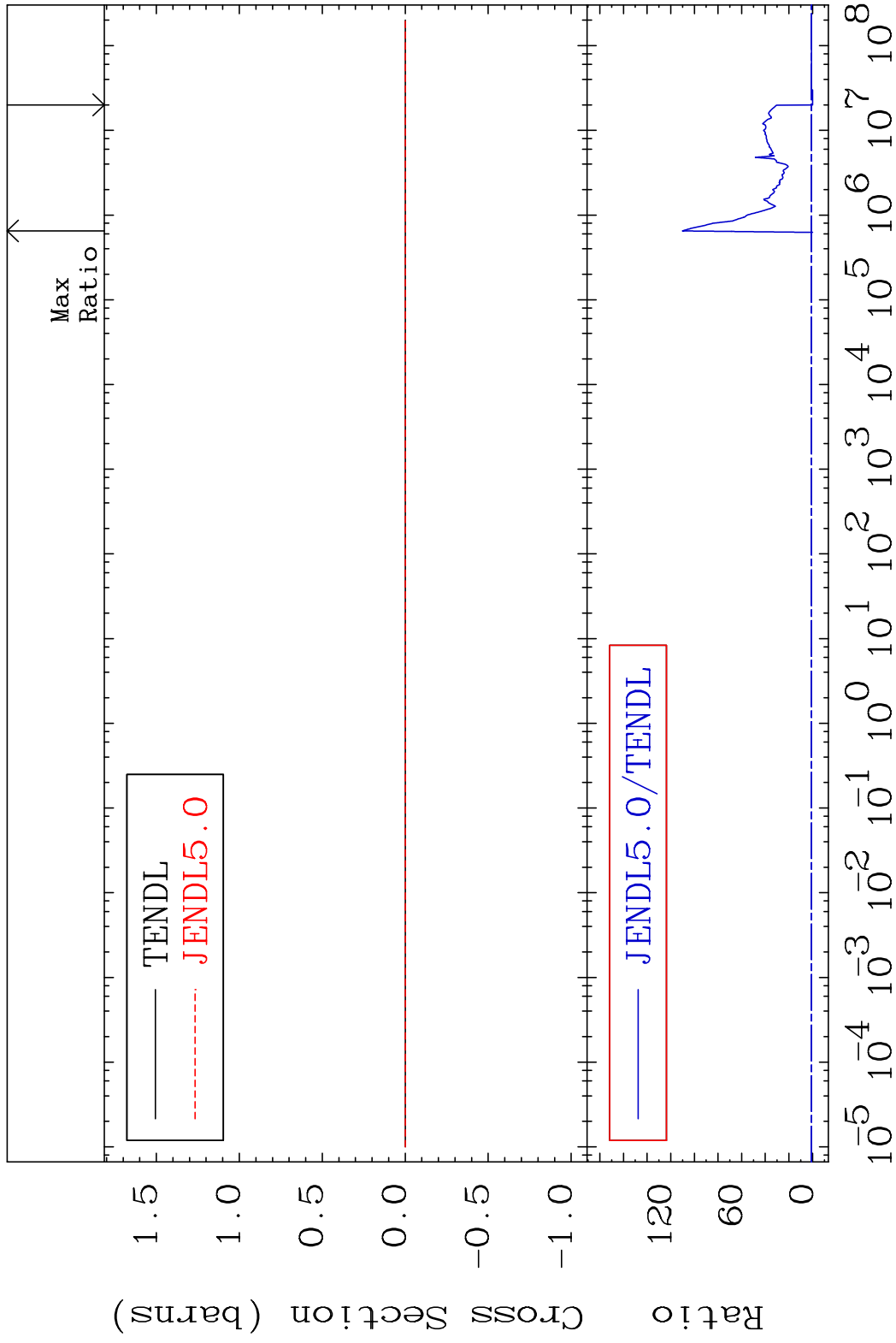


40 Incident Energy (eV) 36-Kr-80

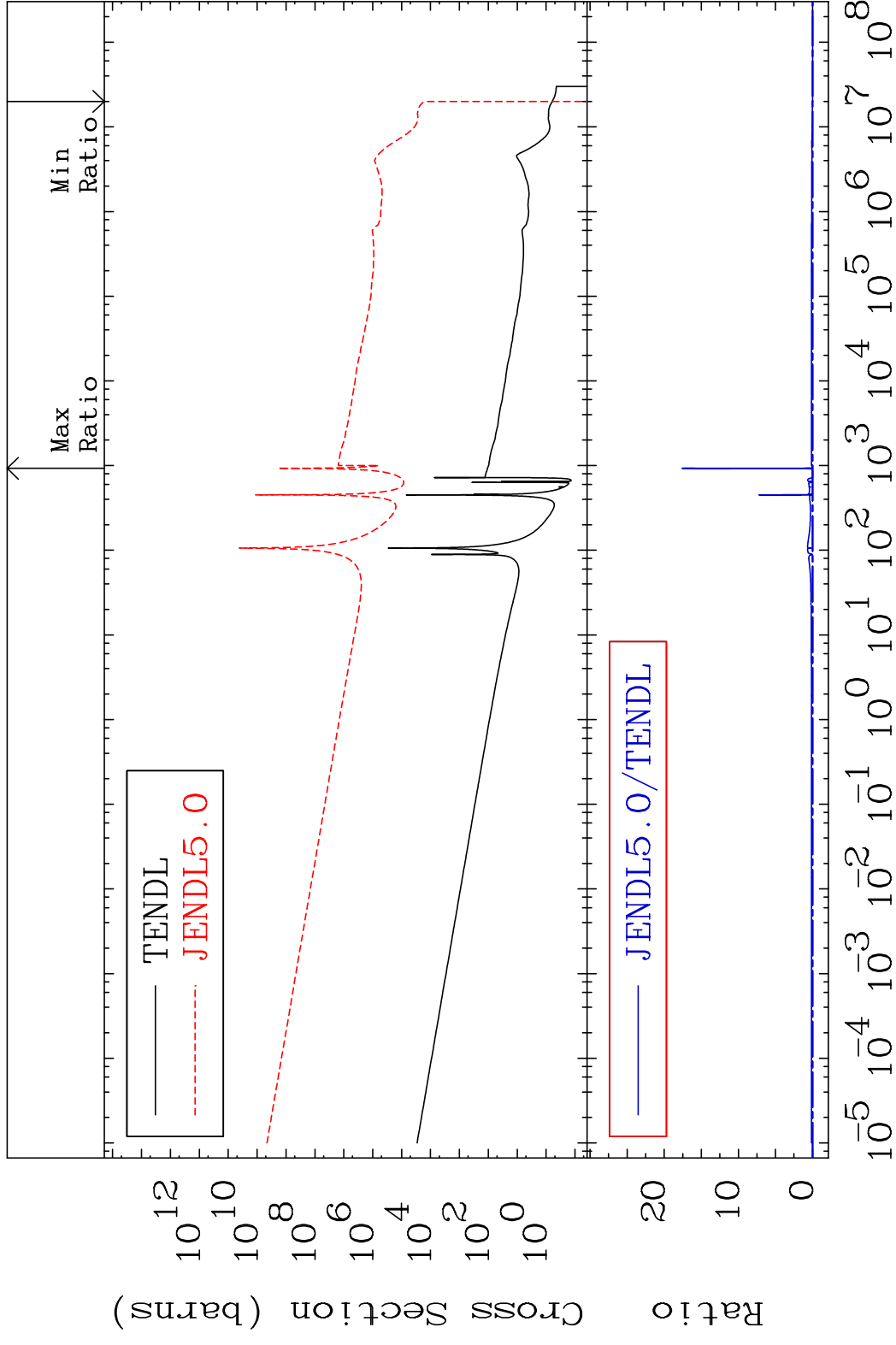
MAT 3631 Kerma inelastic (mt51-91) 36-Kr-80
 Cross Section -100.0 To 9999. %



MAT 3631 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-80
 Cross Section -100.0 To 9999. %

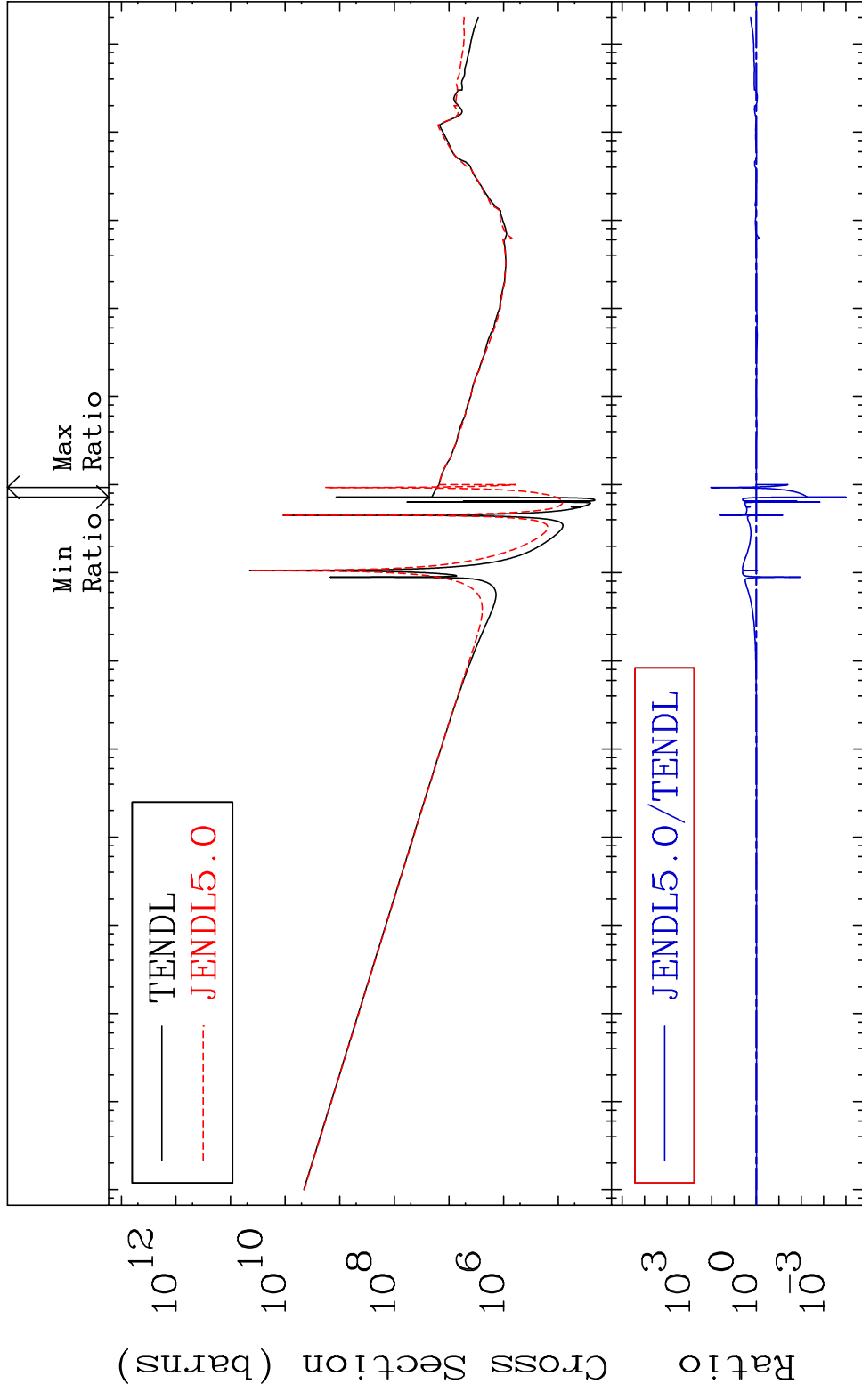


MAT 3631 Kerma capture (mt102) 36-Kr-80
 Cross Section -100.0 To 9999. %



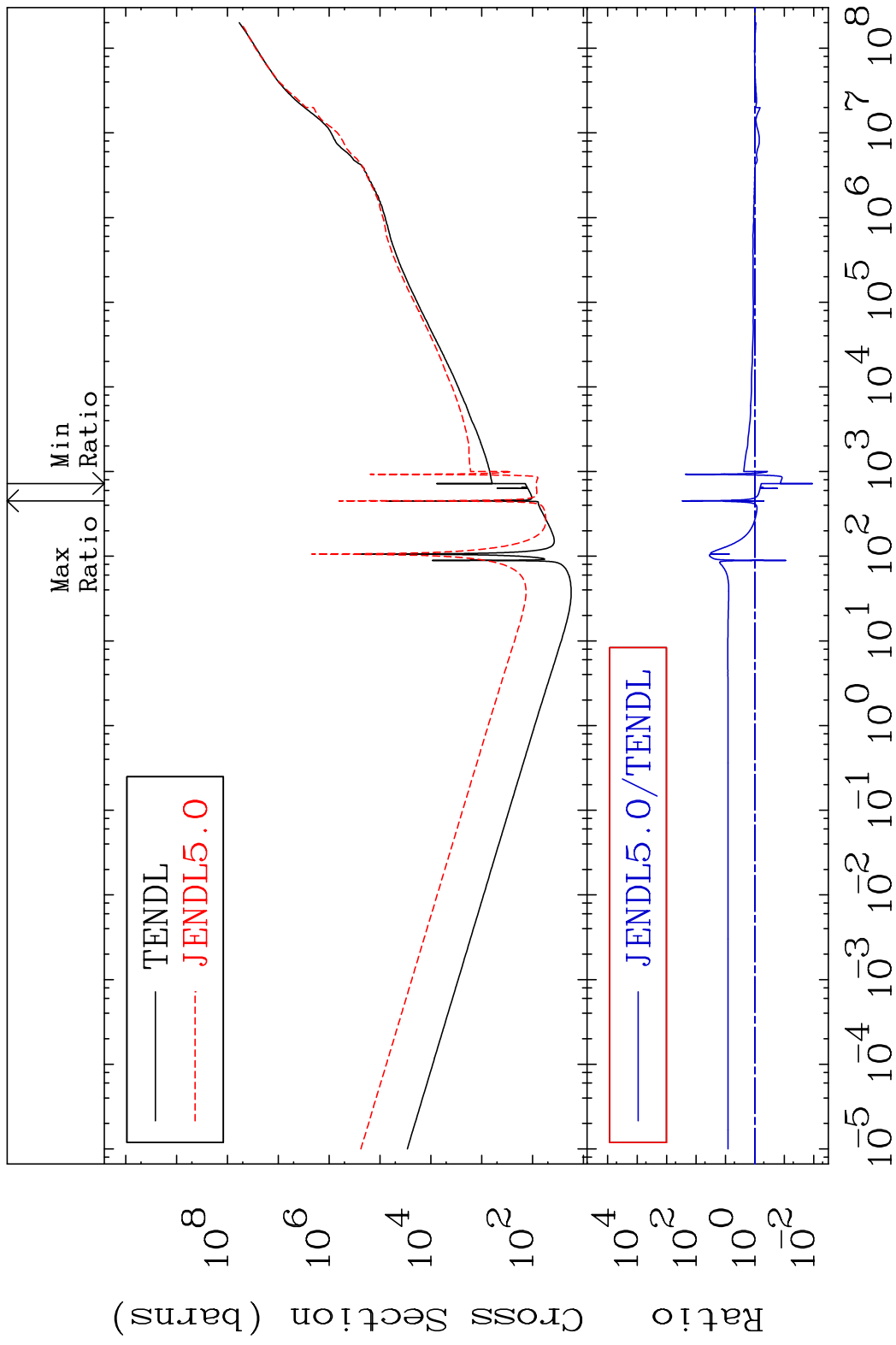
43 Incident Energy (eV) 36-Kr-80

MAT 3631 Total photon (eV-barns) 36-Kr-80
 Cross Section -99.99 To 9999. %

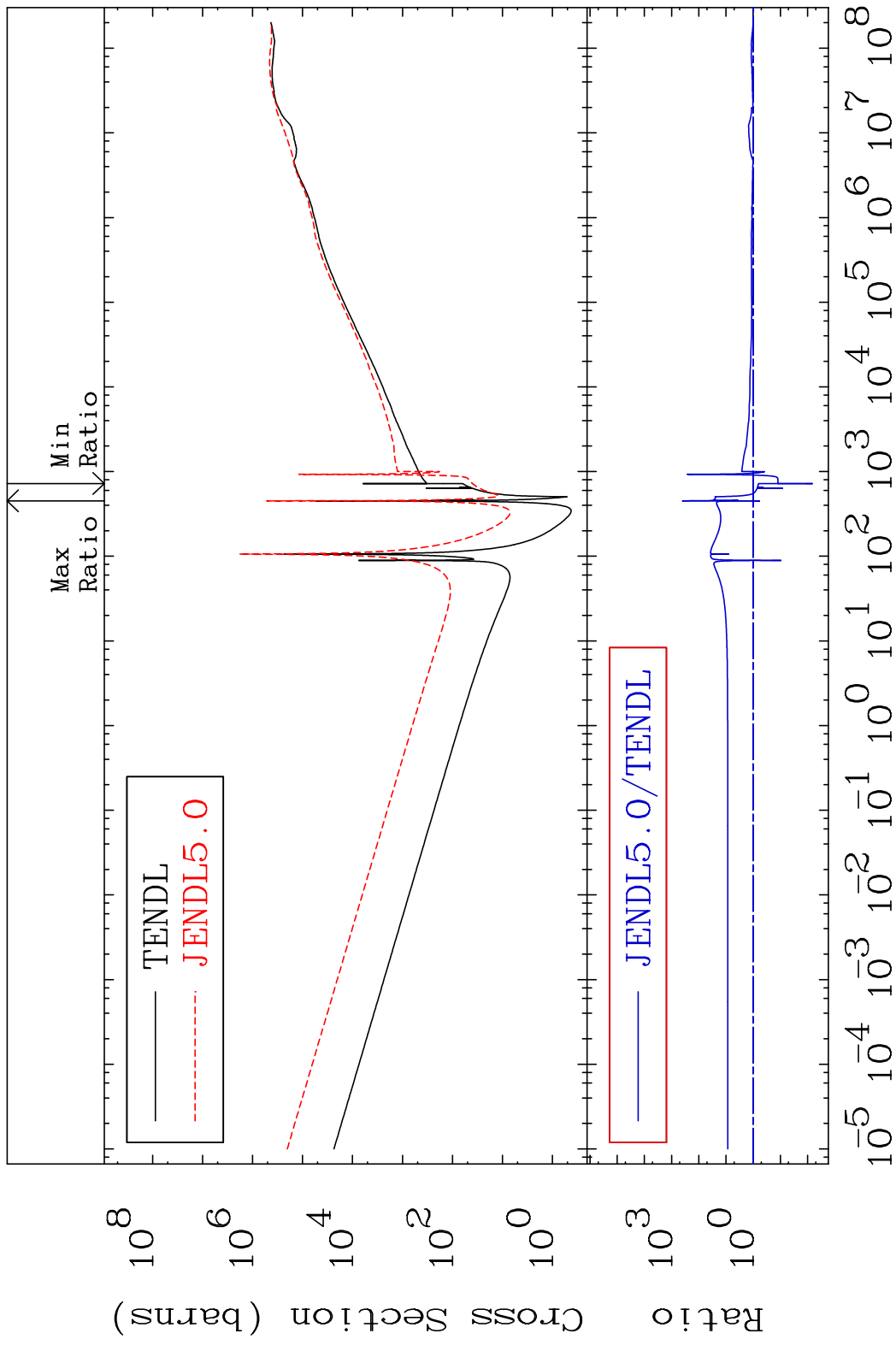


44 Incident Energy (eV) 36-Kr-80

MAT 3631 Total kinematic kerma (high limit) 36-Kr-80
 Cross Section -98.89 To 9999. %



MAT 3631 Dpa total (eV-barns) 36-Kr-80
 Cross Section -99.35 To 9999. %

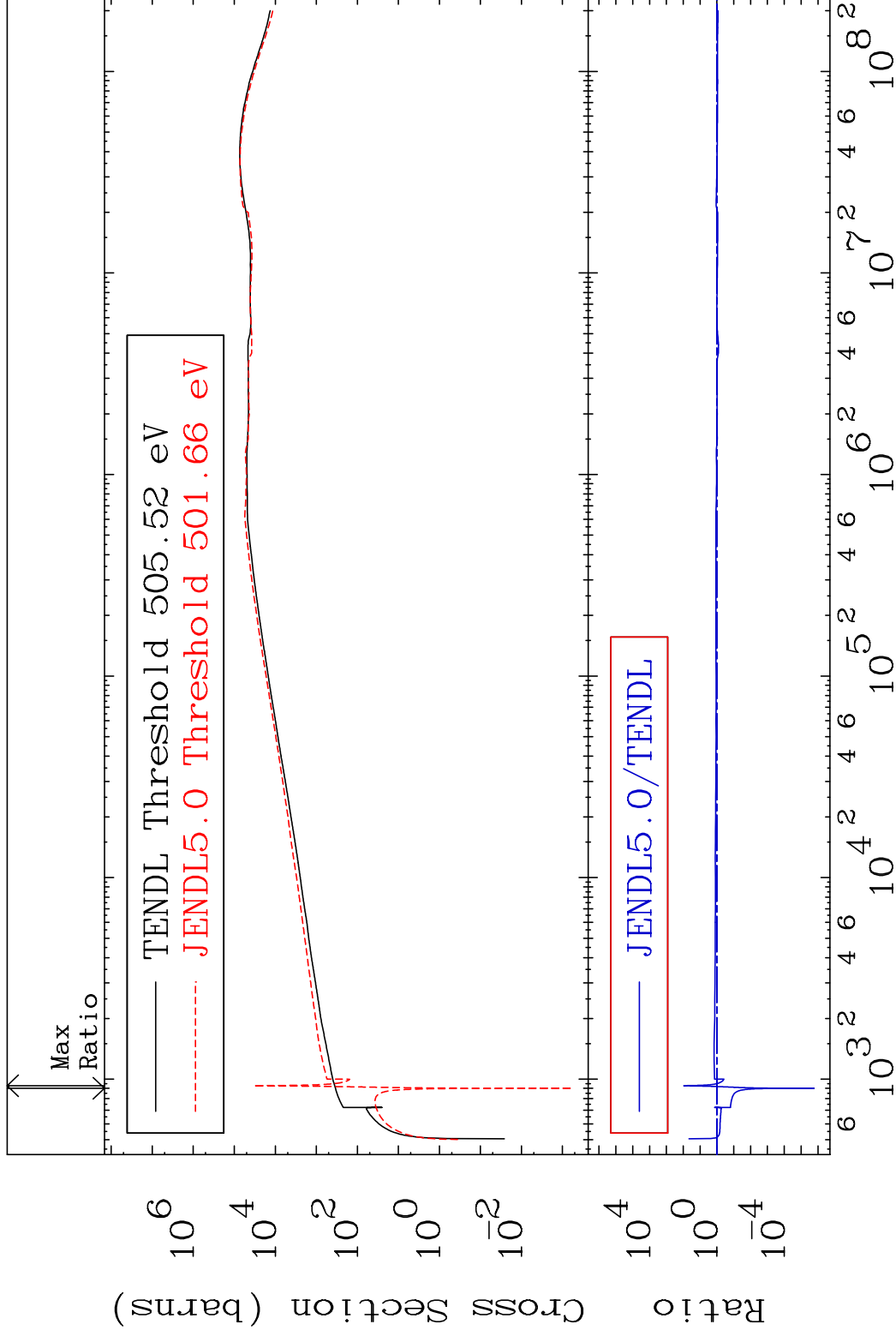


MAT 3631

Dpa elastic (mt2)

36-Kr-80

Cross Section -100.0 To 9329. %

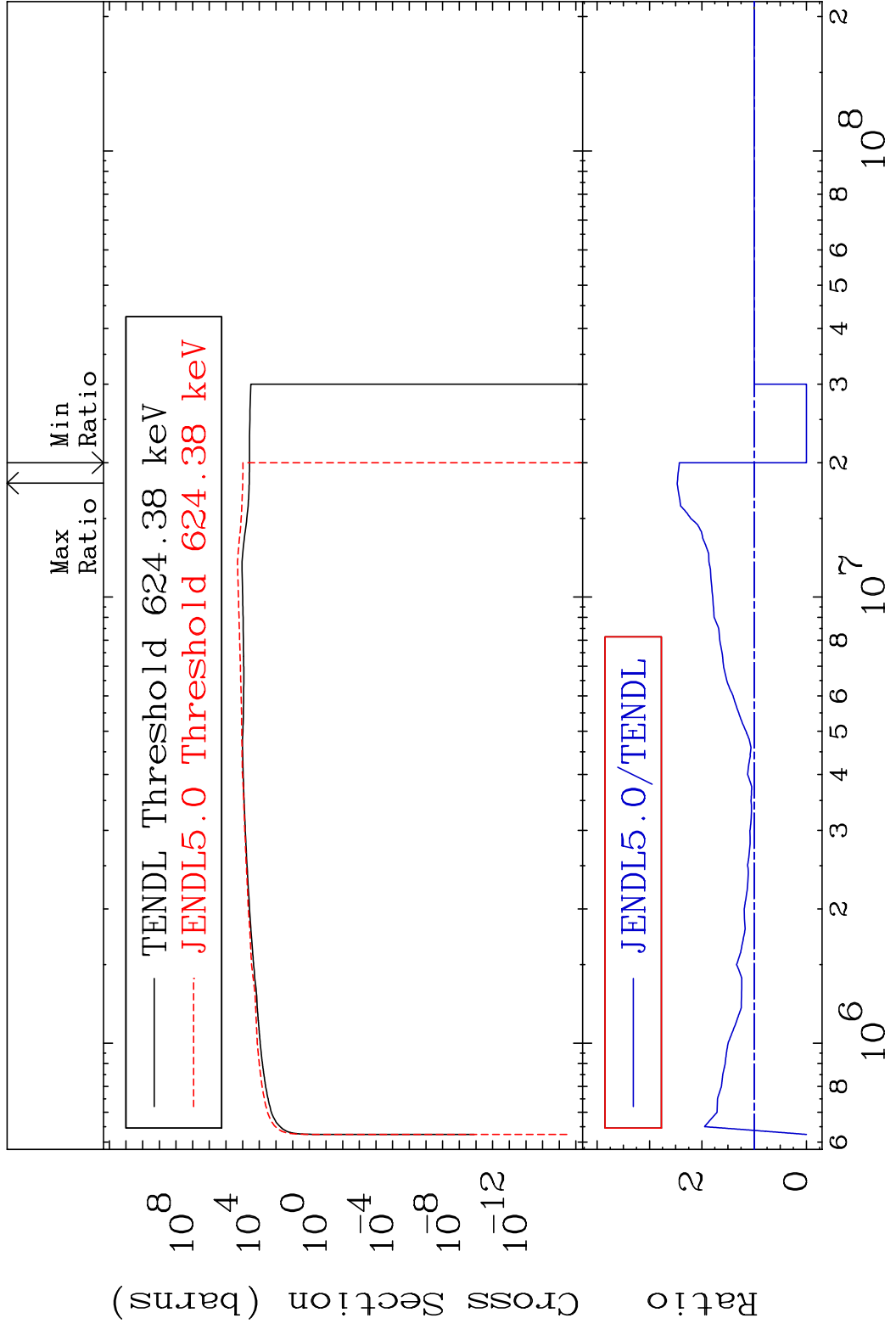


47

Incident Energy (eV)

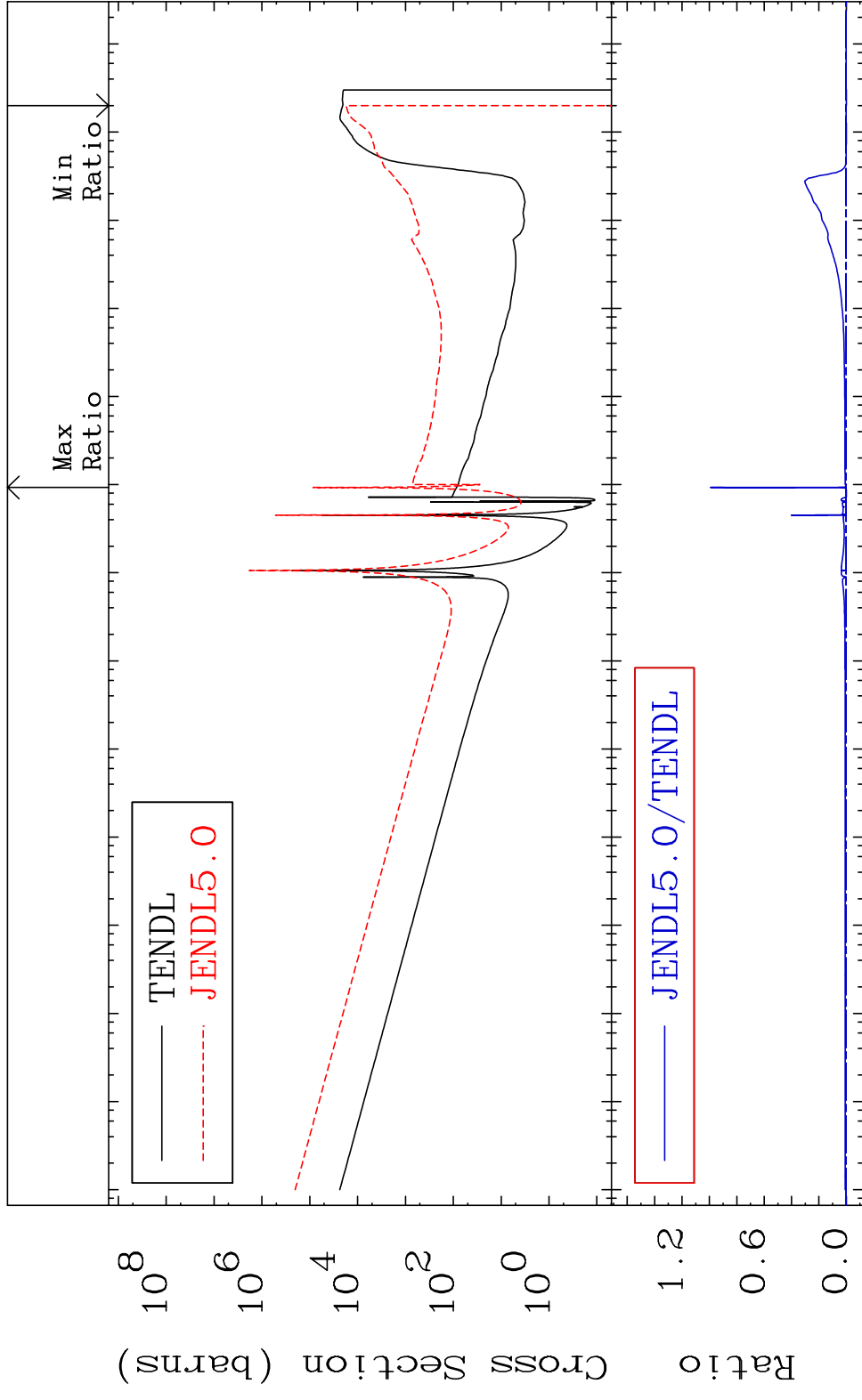
36-Kr-80

MAT 3631 Dpa inelastic (mt51-91) 36-Kr-80
 Cross Section -100.0 To 147.1 %

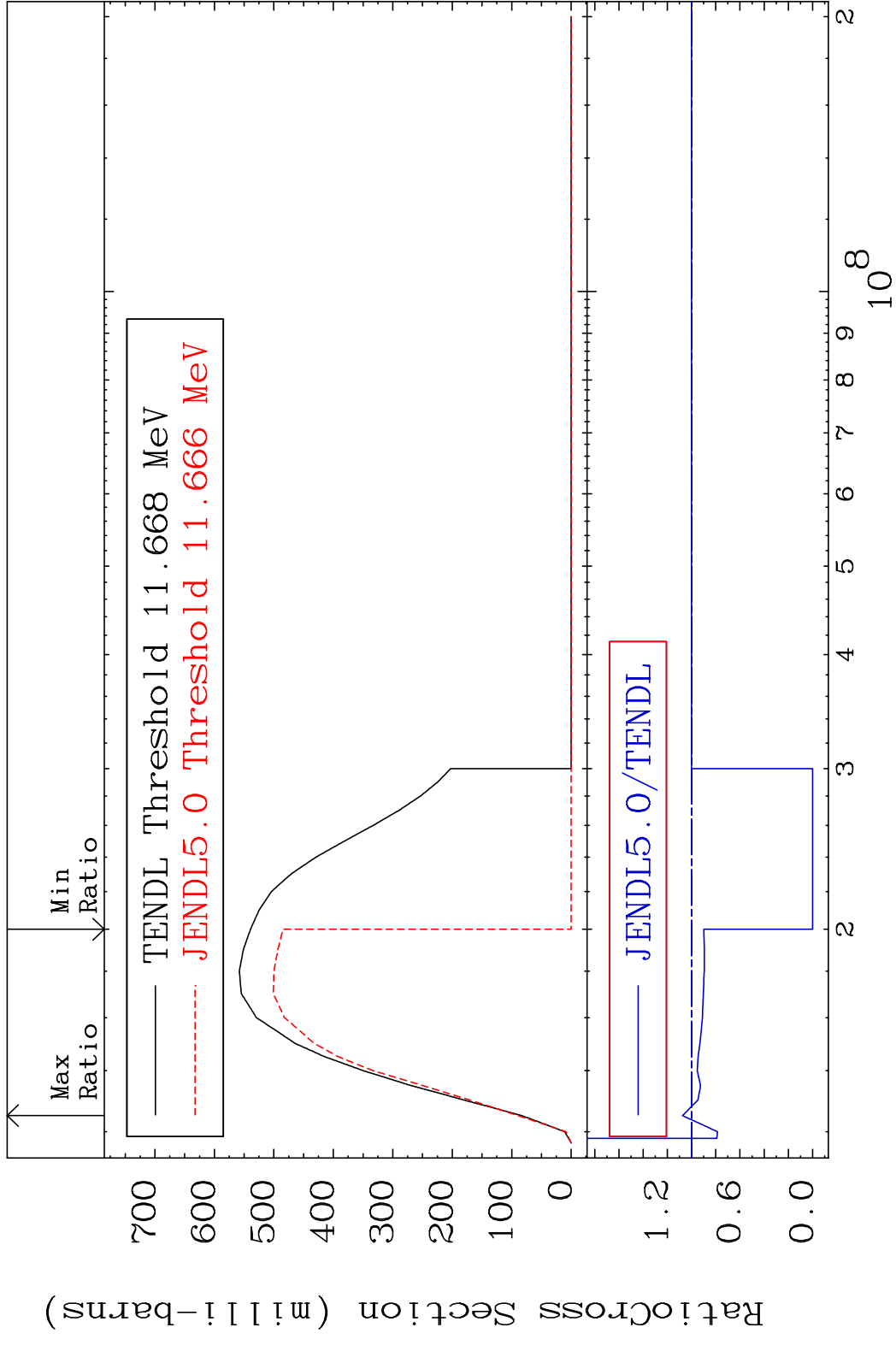


48 Incident Energy (eV) 36-Kr-80

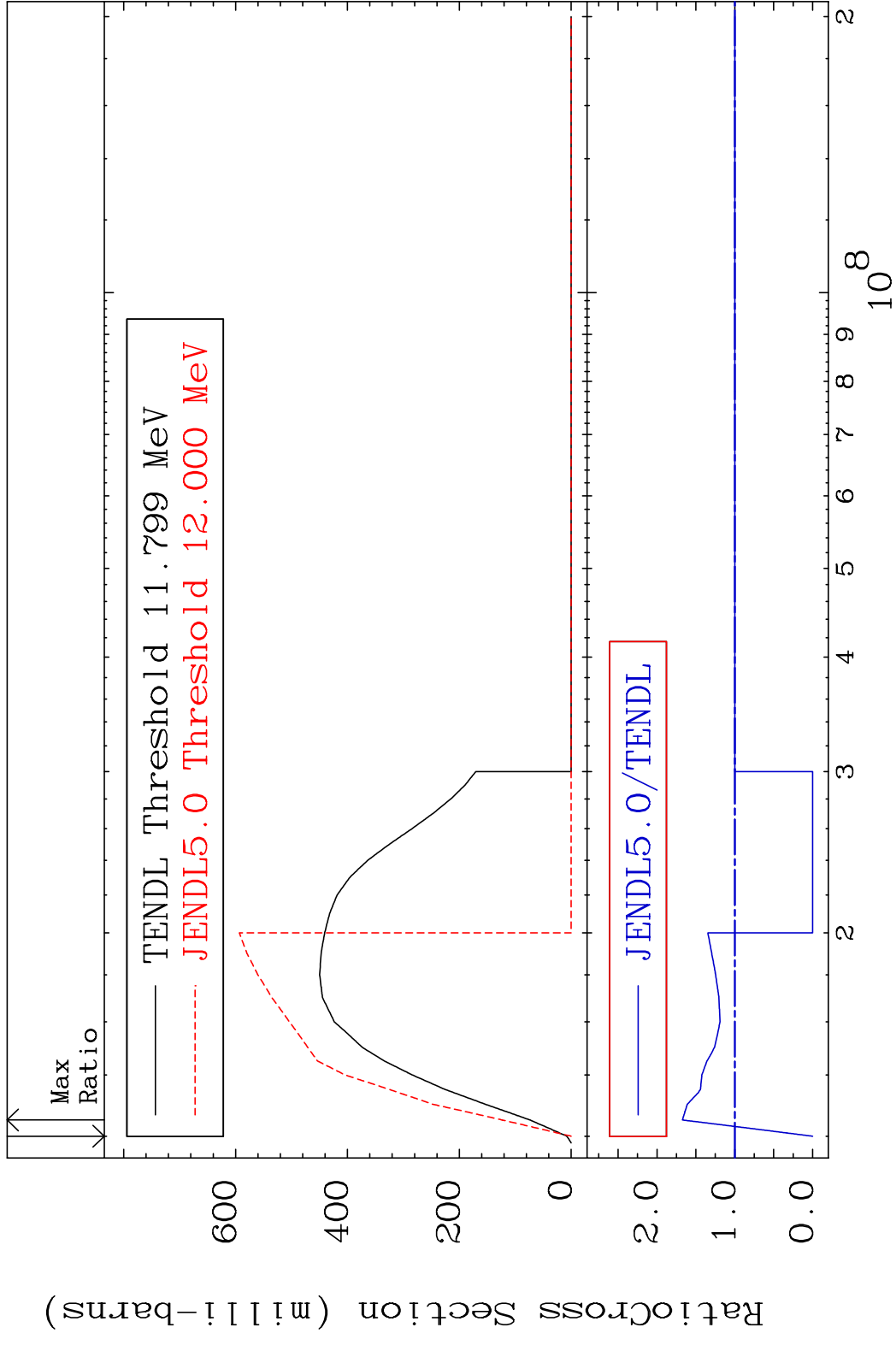
MAT 3631 Dpa disappearance (mt102 -120) 36-Kr-80
 Cross Section -100.0 To 9999. %



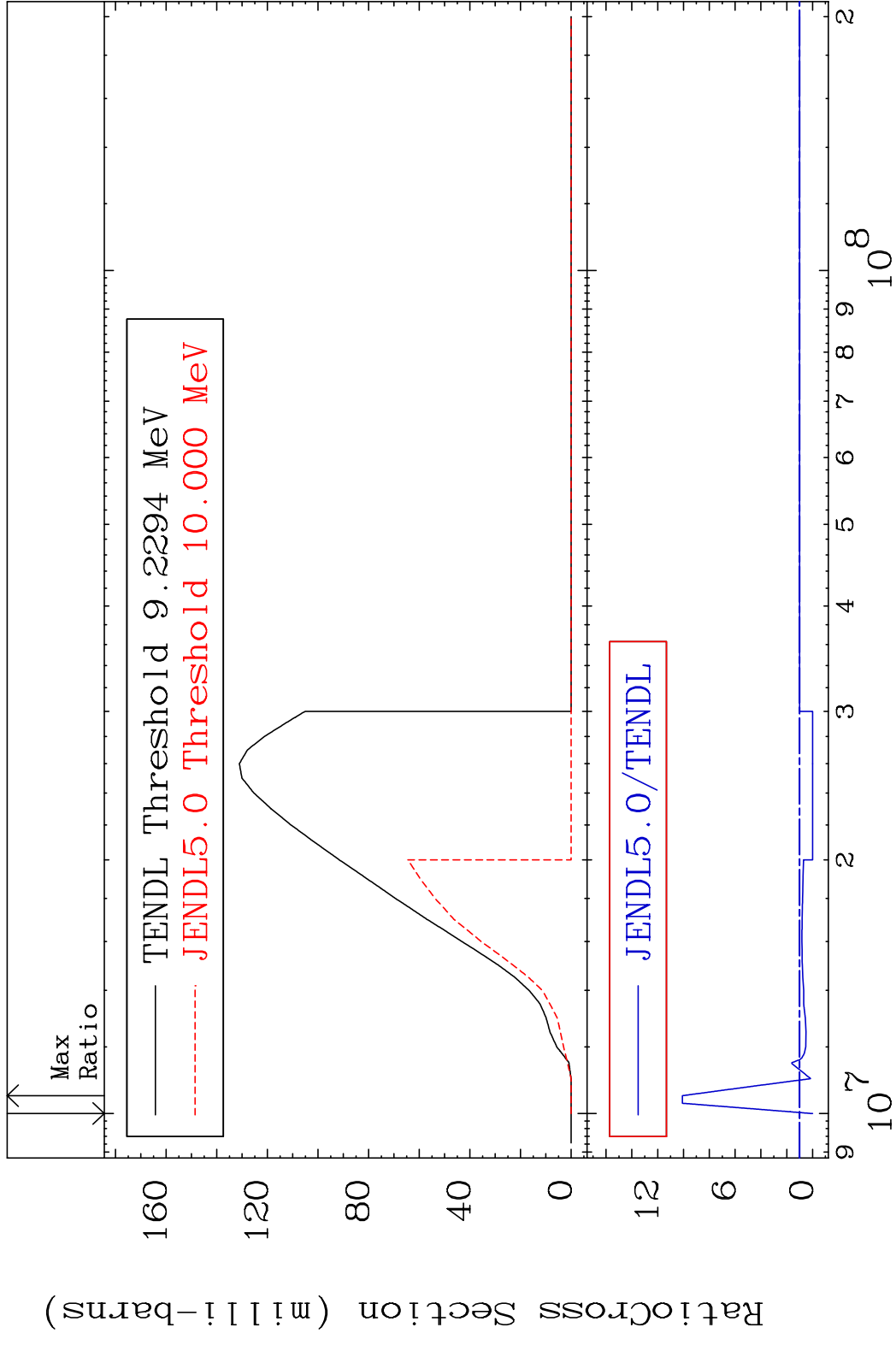
MAT 3631 (n,2n):36-Kr-79g 36-Kr-80
 Radionuclide Production Cross Section 180.01 dth 7.611 %



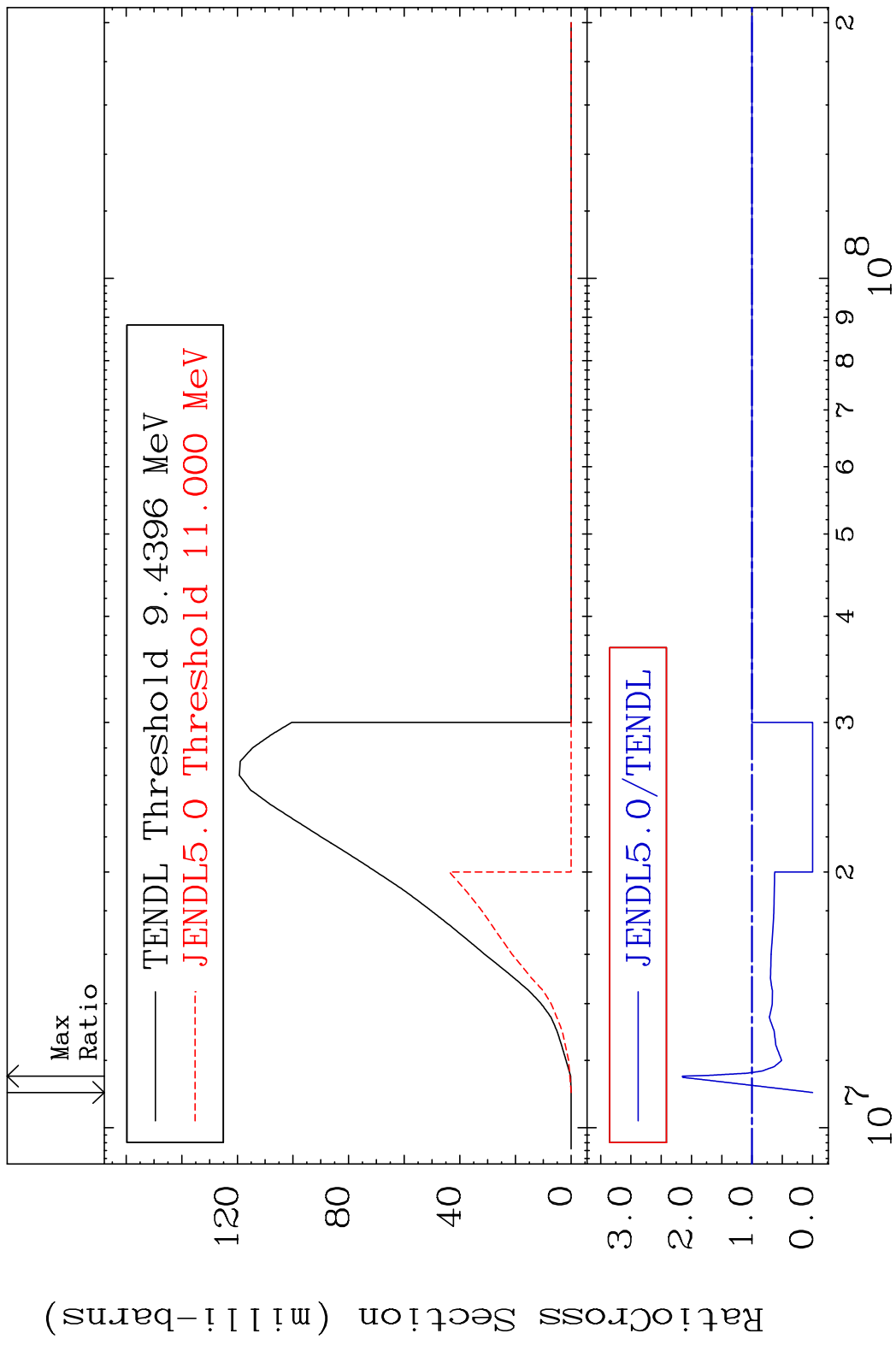
MAT 3631 (n,2n):36-Kr-79m1 36-Kr-80
 Radionuclide Production Cross Section 67.39 %



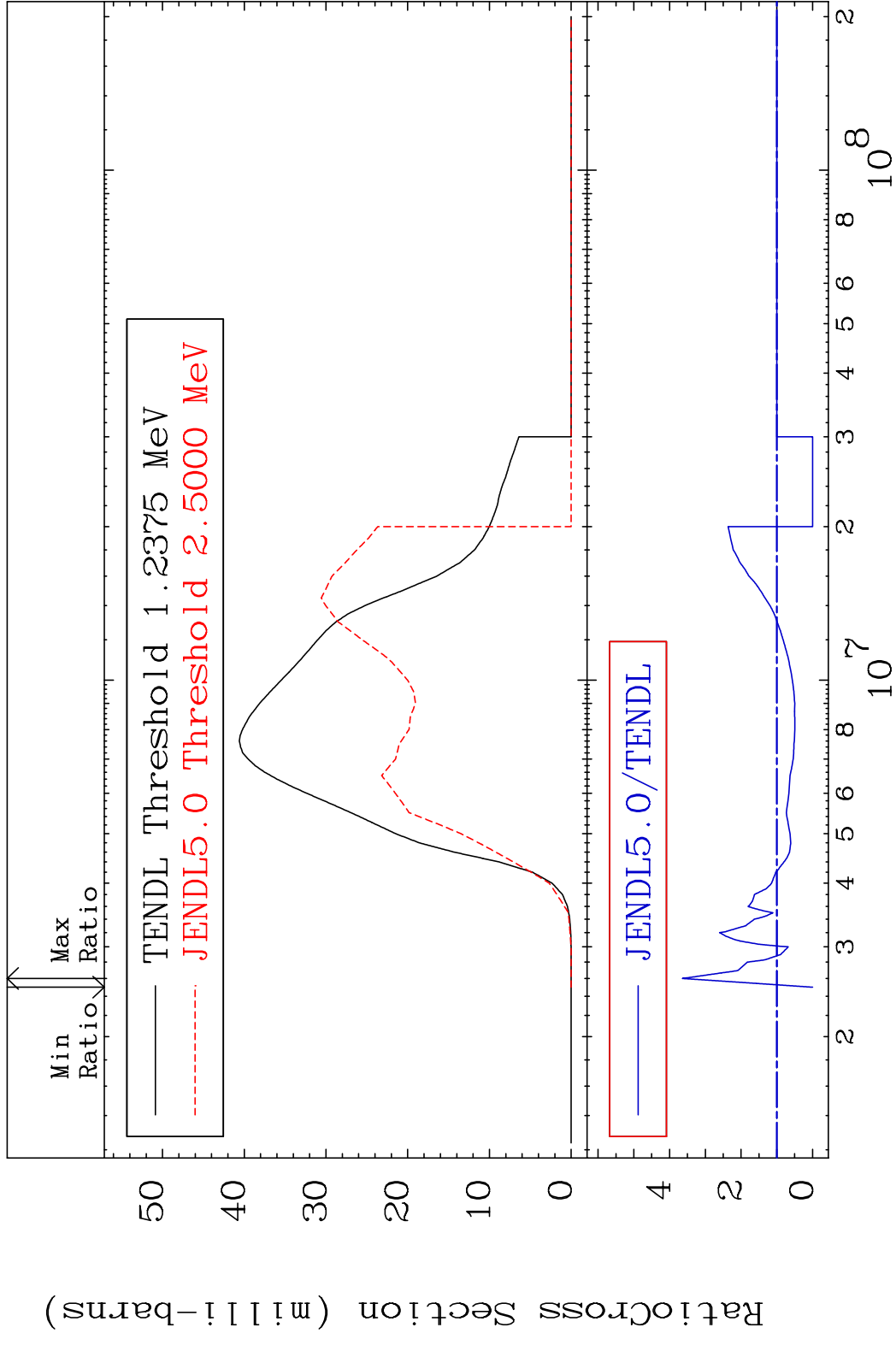
MAT 3631 (n, n') p:35-Br-79g 36-Kr-80
 Radionuclide Production Cross Section Ratio 908.6 %



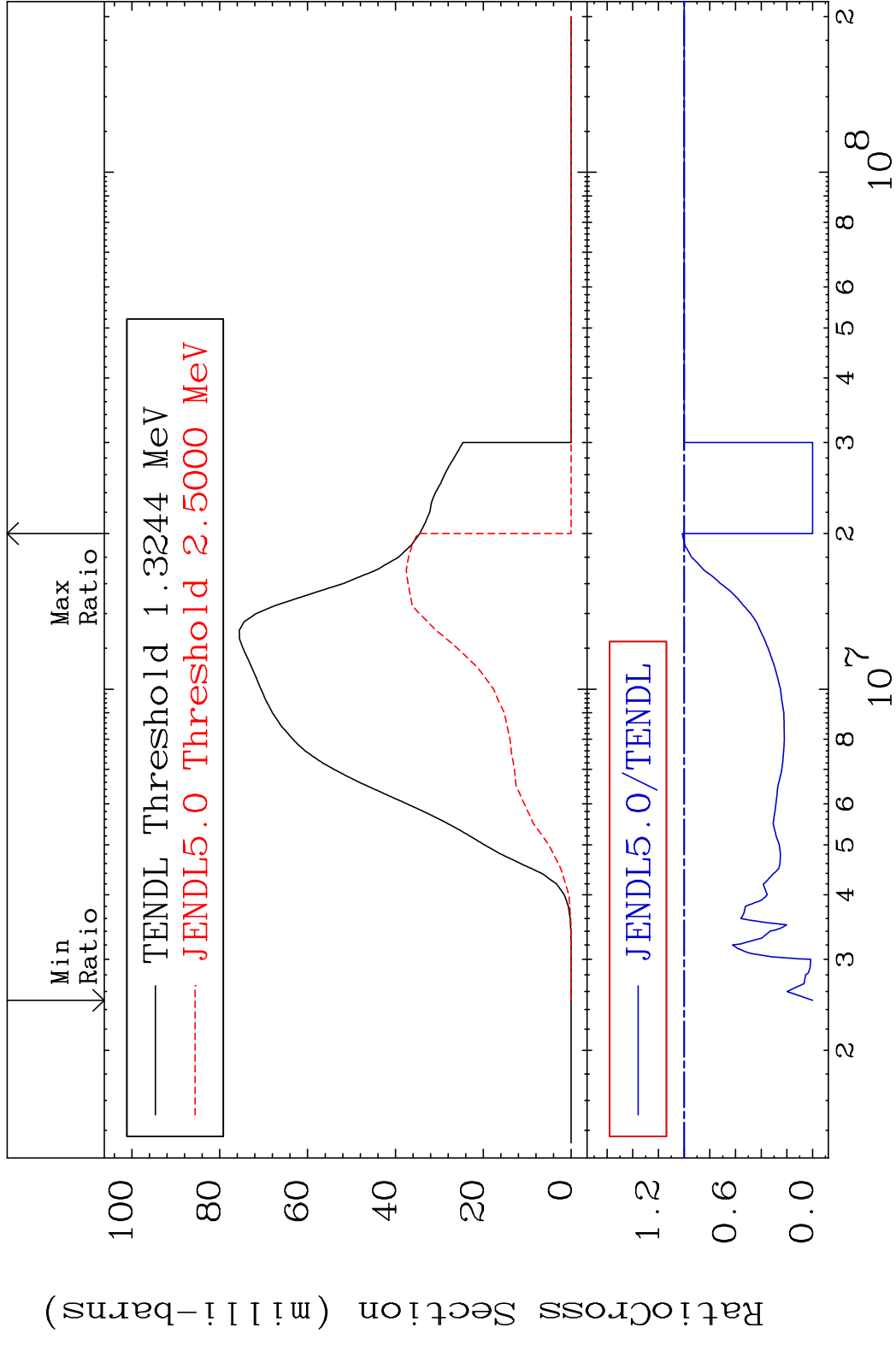
MAT 3631 (n, n') p:35-Br-79m1 36-Kr-80
 Radionuclide Production Cross Section 180.0 dth 115.1 %



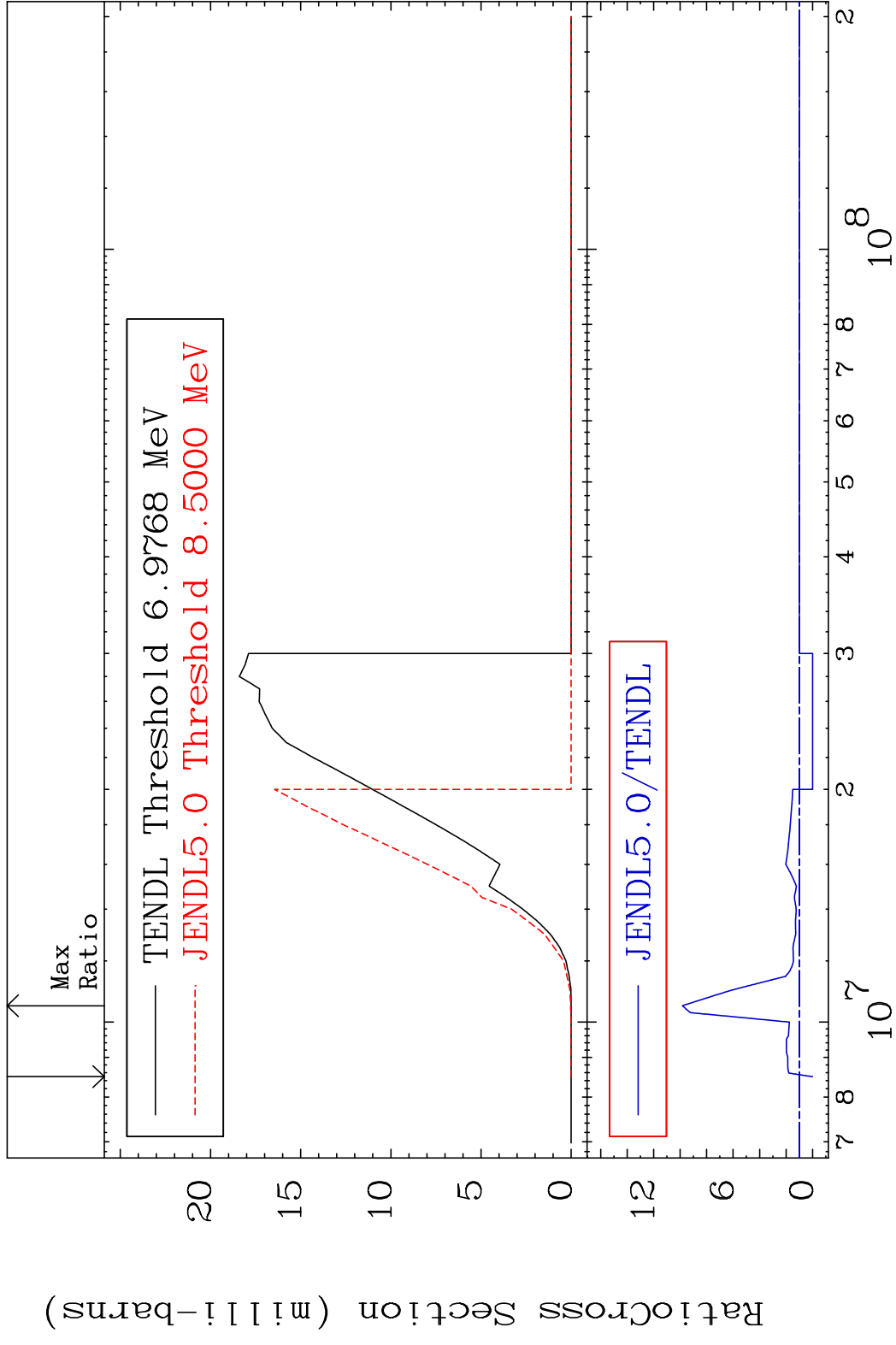
MAT 3631 (n, p) : 35-Br-80g 36-Kr-80
 Radionuclide Production Cross Section 1800.0 dth 264.3 %



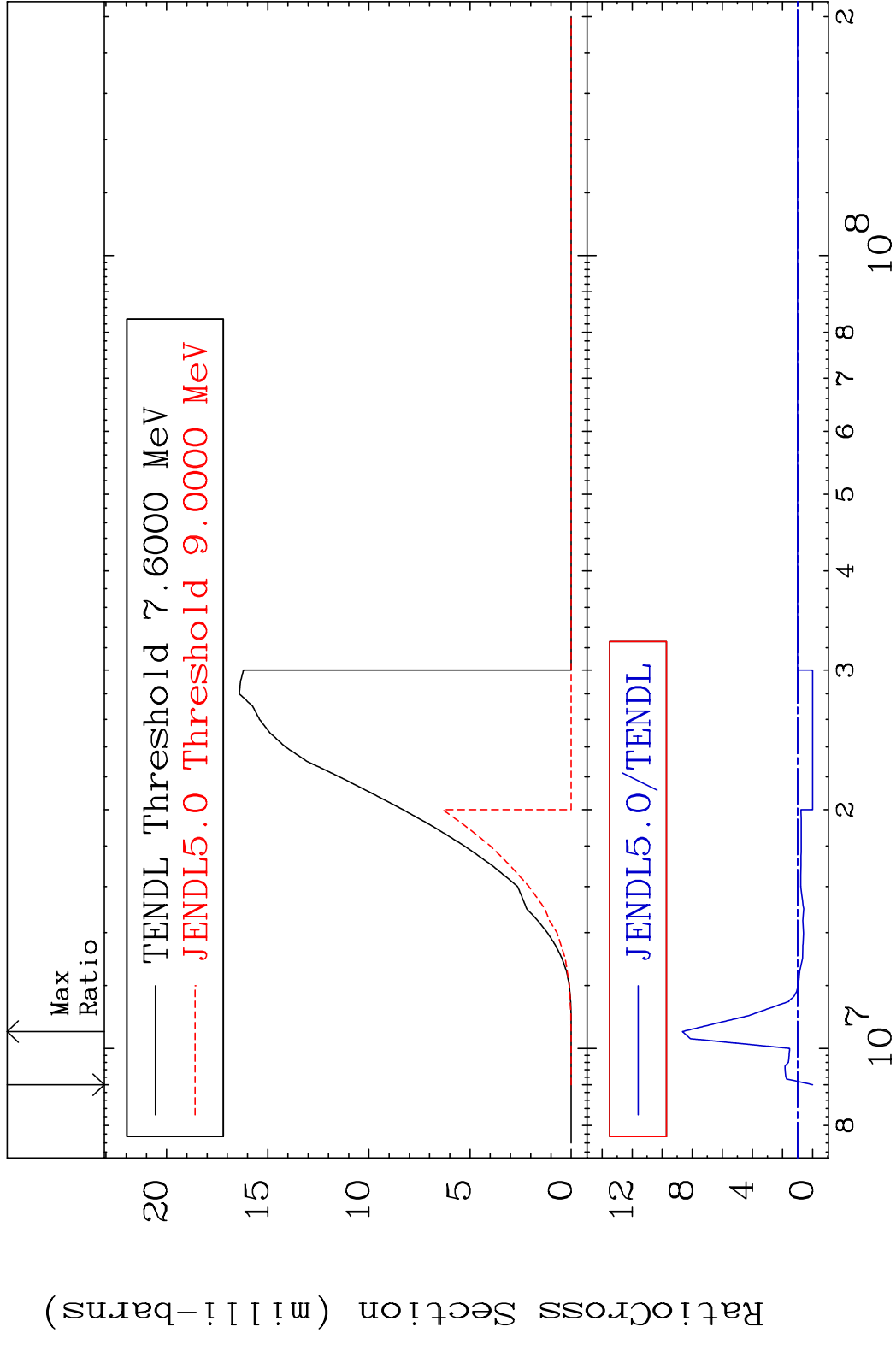
MAT 3631 (n, p): 35-Br-80m2 36-Kr-80
 Radionuclide Production Cross Section 1.385 %



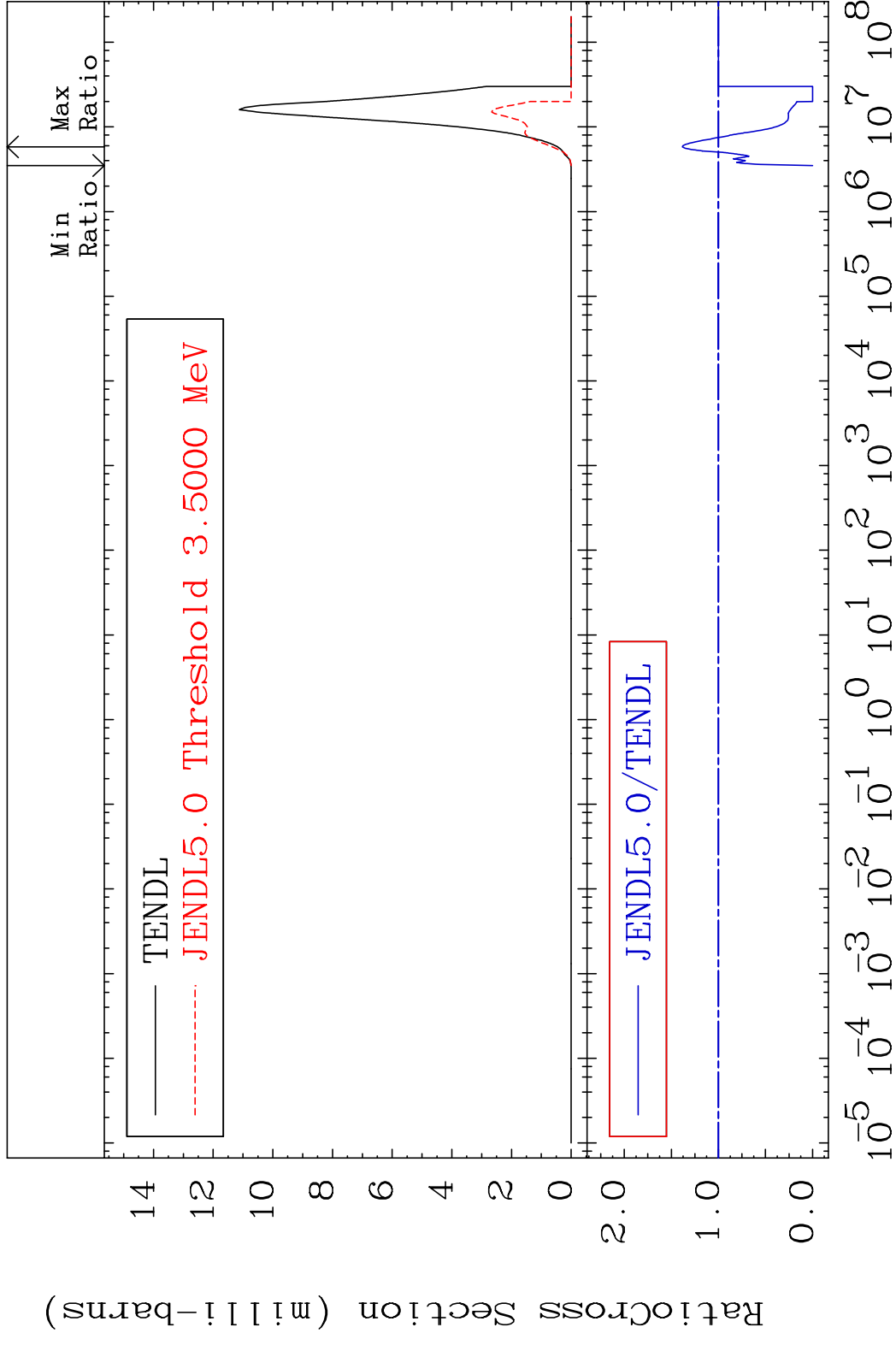
MAT 3631 (n, d) : 35-Br-79g 36-Kr-80
 Radionuclide Production Cross Section 1800.0 dth 883.2 %



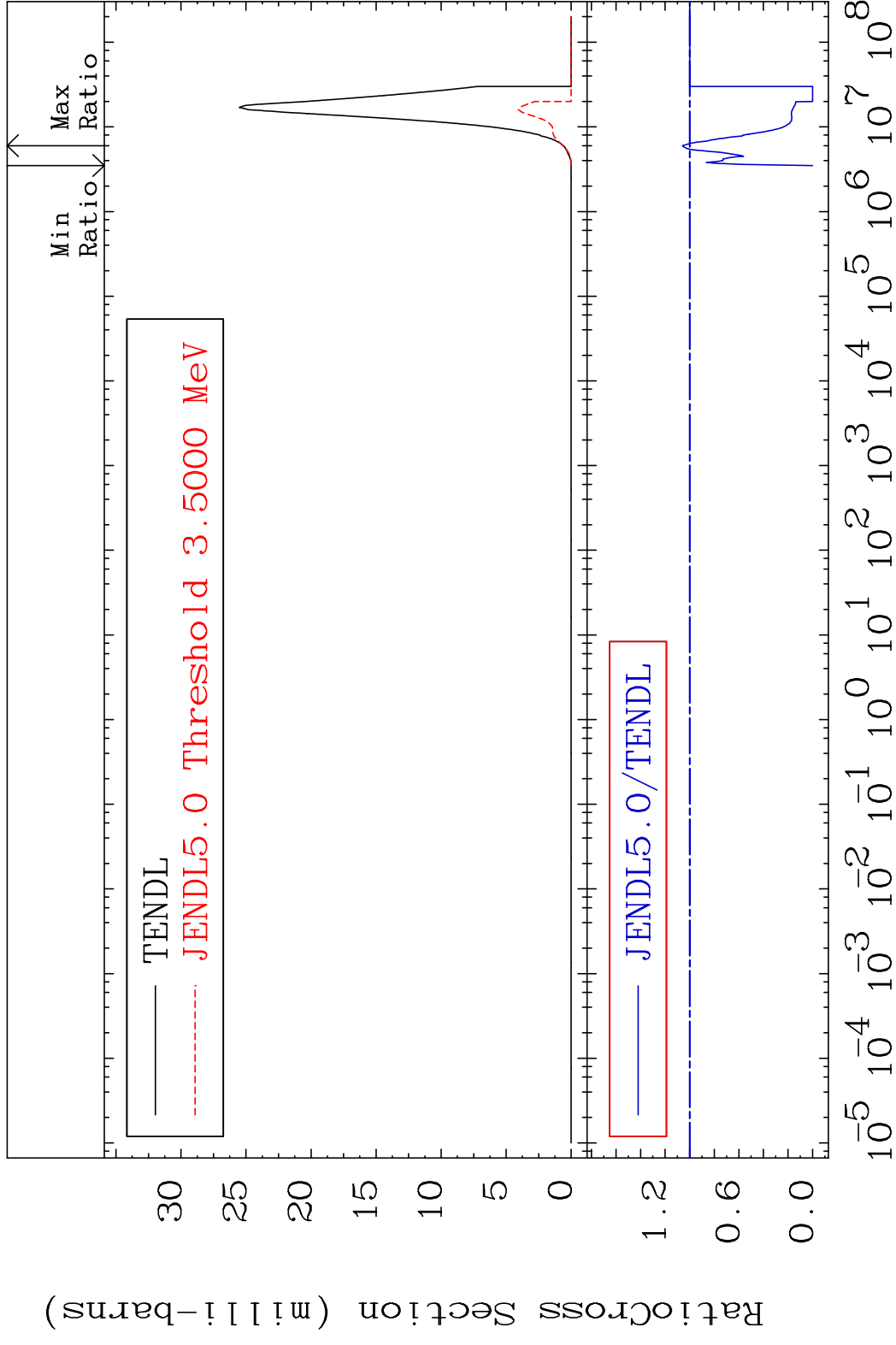
MAT 3631 (n, d):35-Br-79m1 36-Kr-80
 Radionuclide Production Cross Section 180.01 dth 765.9 %



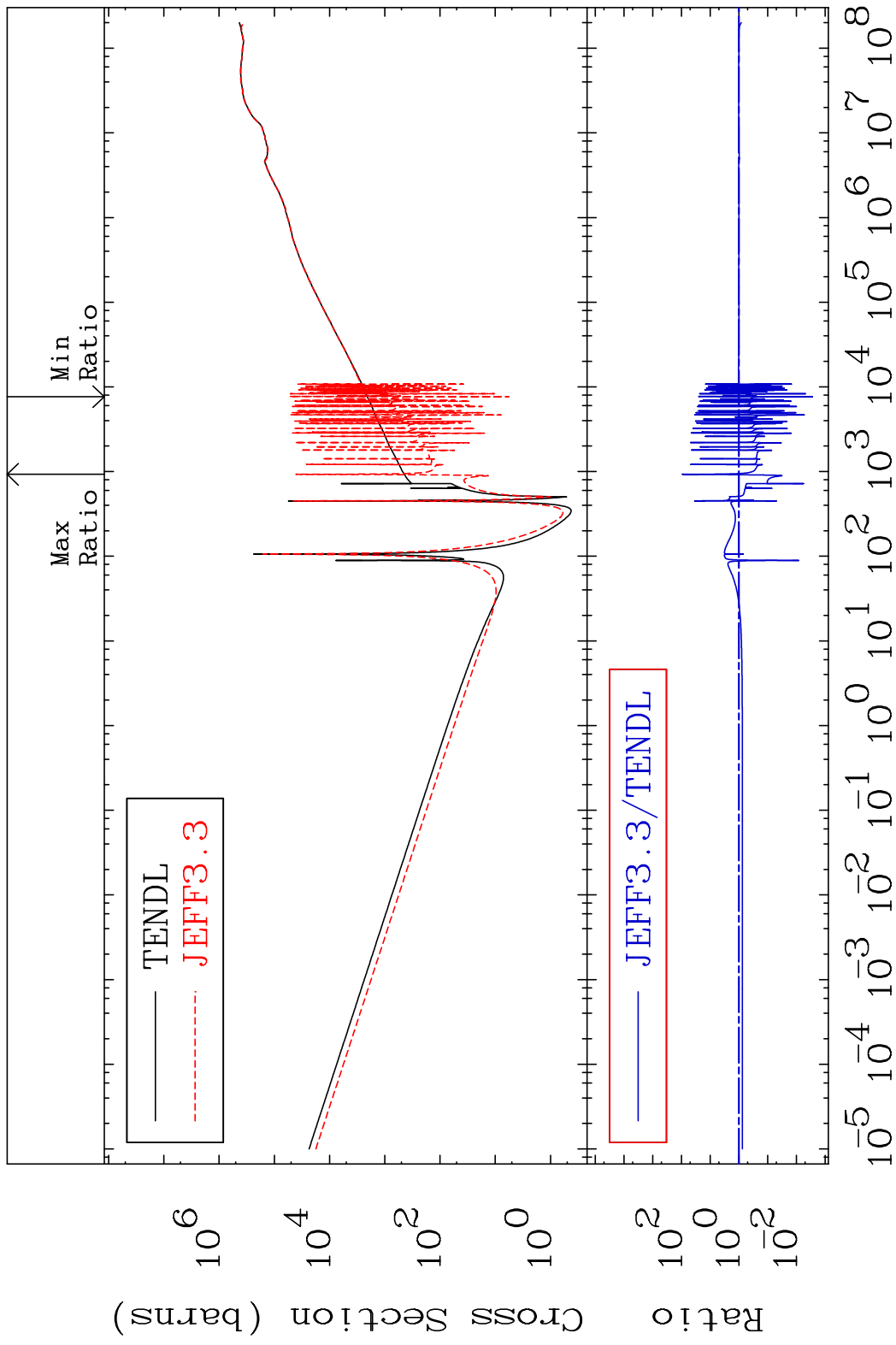
MAT 3631 (n, α):34-Se-77g 36-Kr-80
 Radionuclide Production Cross Section Ratio 38.32 %



MAT 3631 (n,α):34-Se-77m1 36-Kr-80
 Radionuclide Production Cross Section Ratio 5.977 %



MAT 3631 Dpa total (eV-barns) 36-Kr-80
Cross Section -99.73 To 9163. %



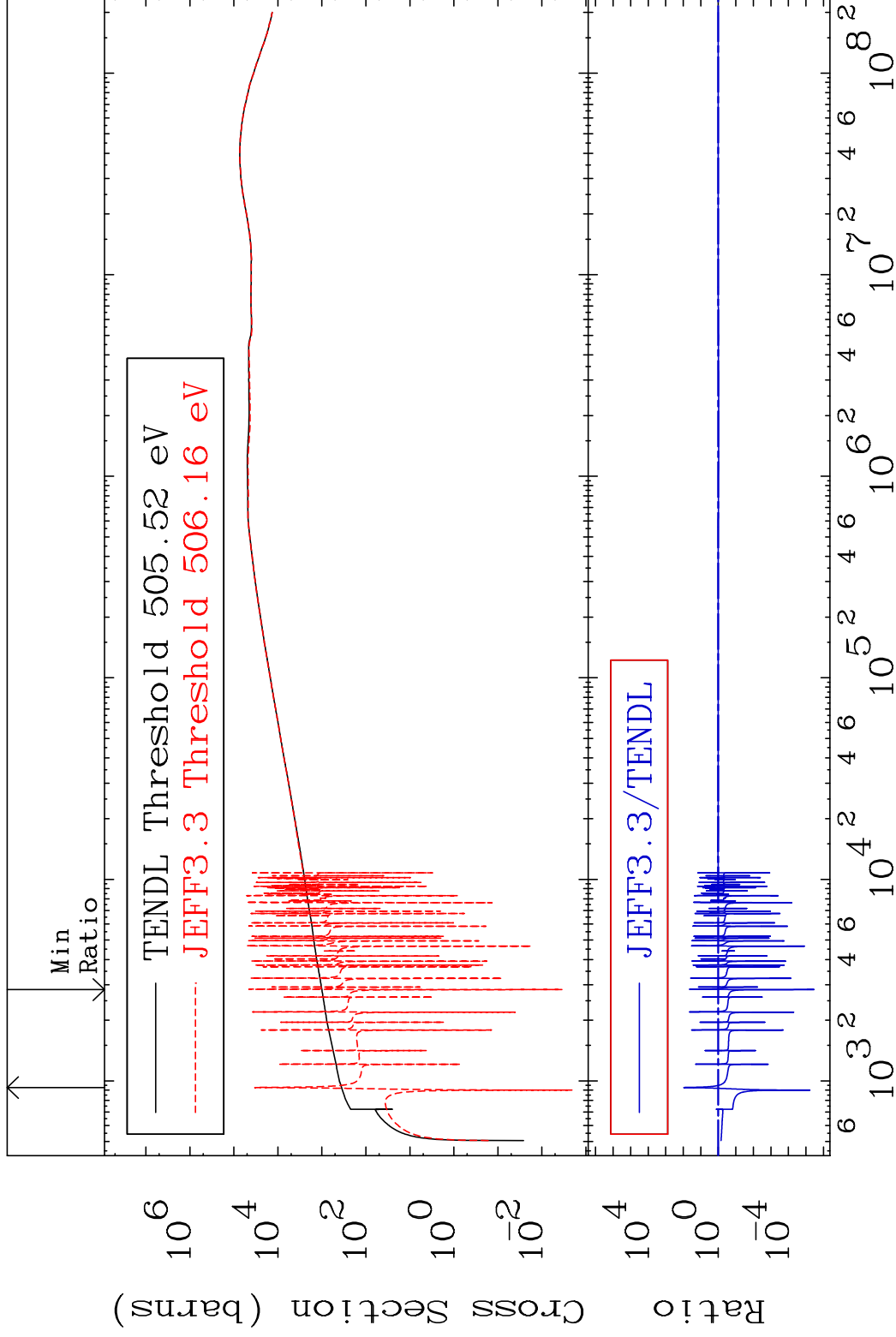
60 Incident Energy (eV) 36-Kr-80

MAT 3631

Dpa elastic (mt2)

36-Kr-80

Cross Section -100.0 To 9358. %

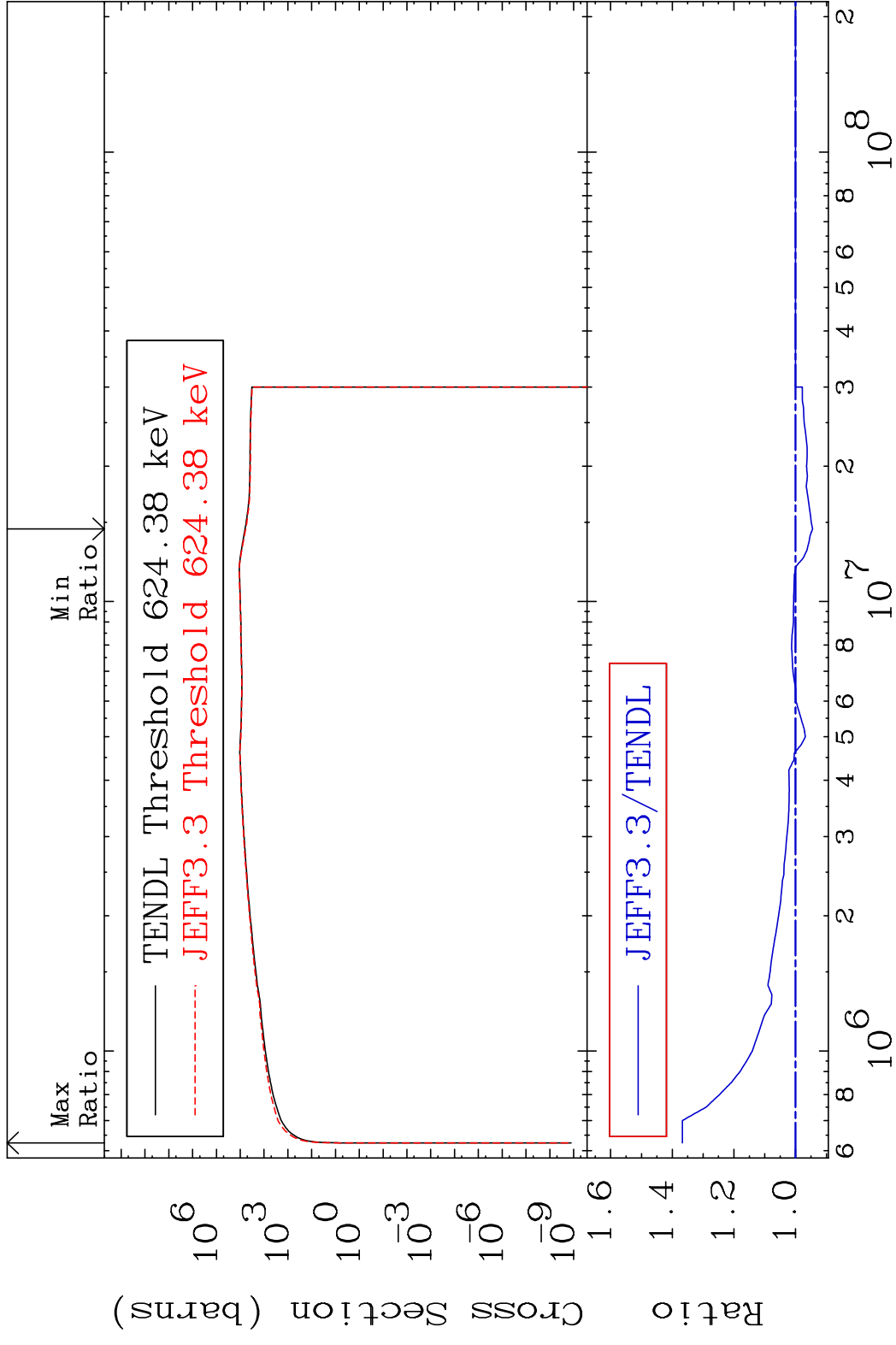


61

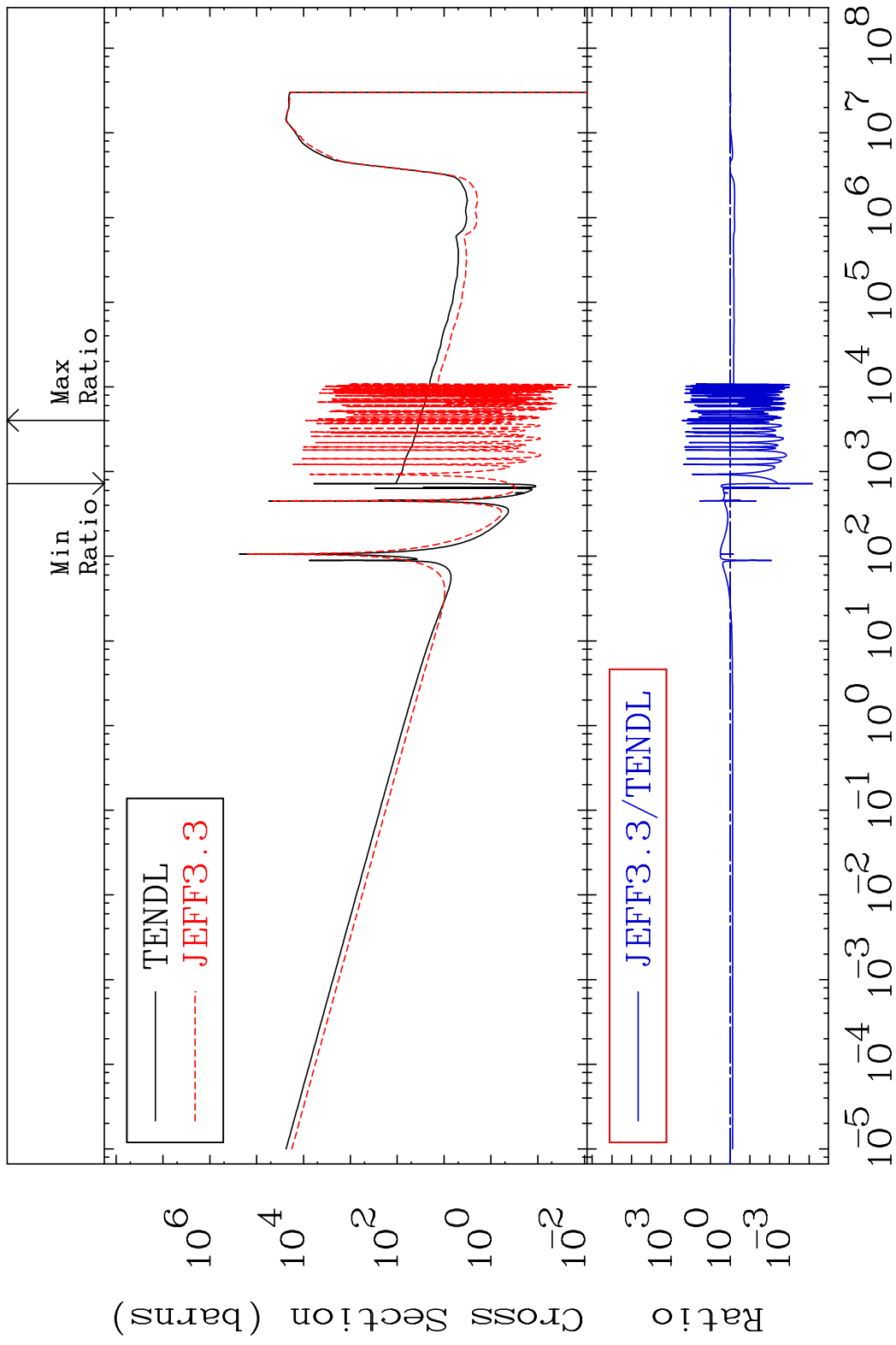
Incident Energy (eV)

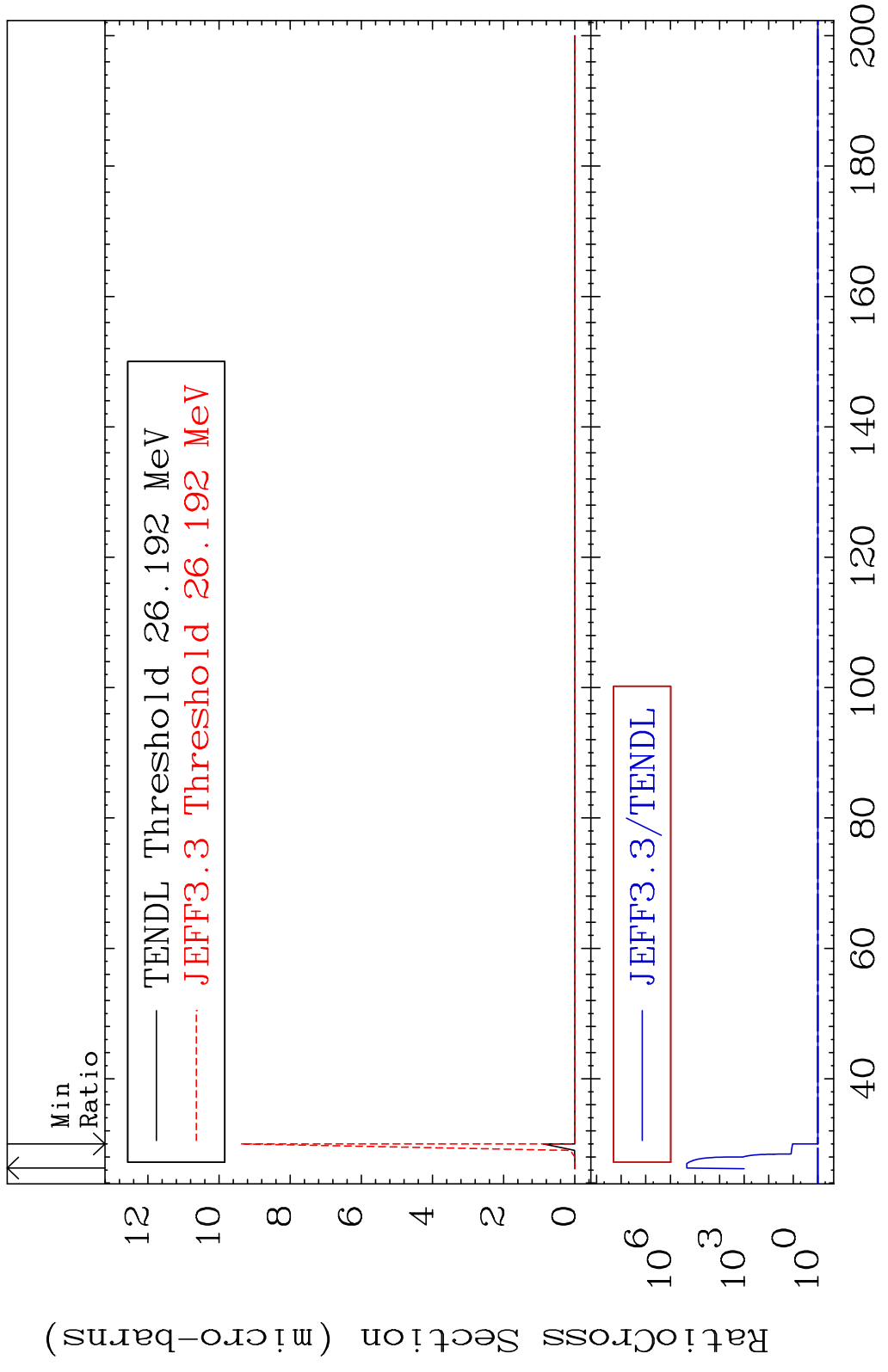
36-Kr-80

MAT 3631 Dpa inelastic (mt51-91) 36-Kr-80
 Cross Section -5.506 To 36.73 %

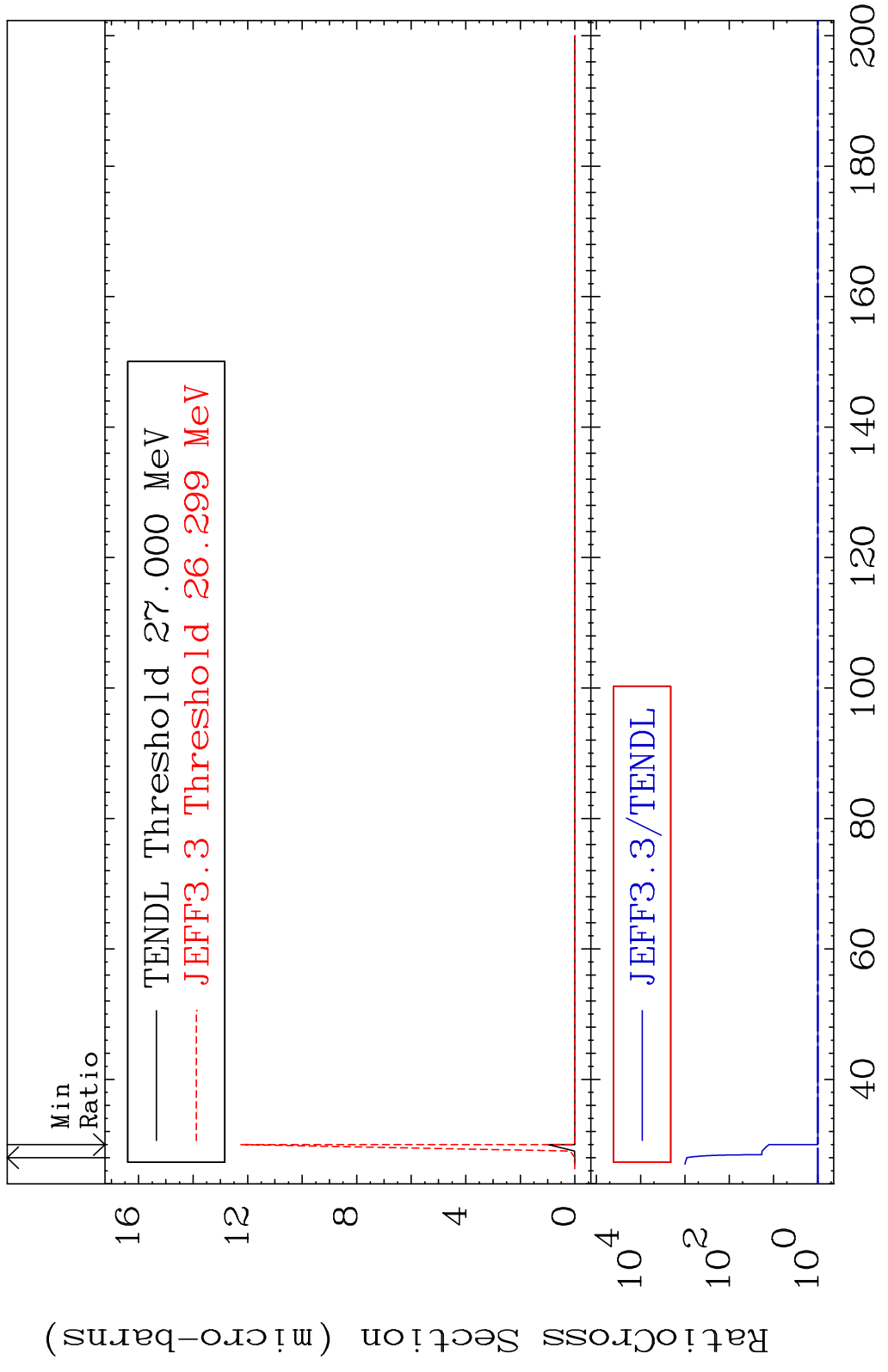


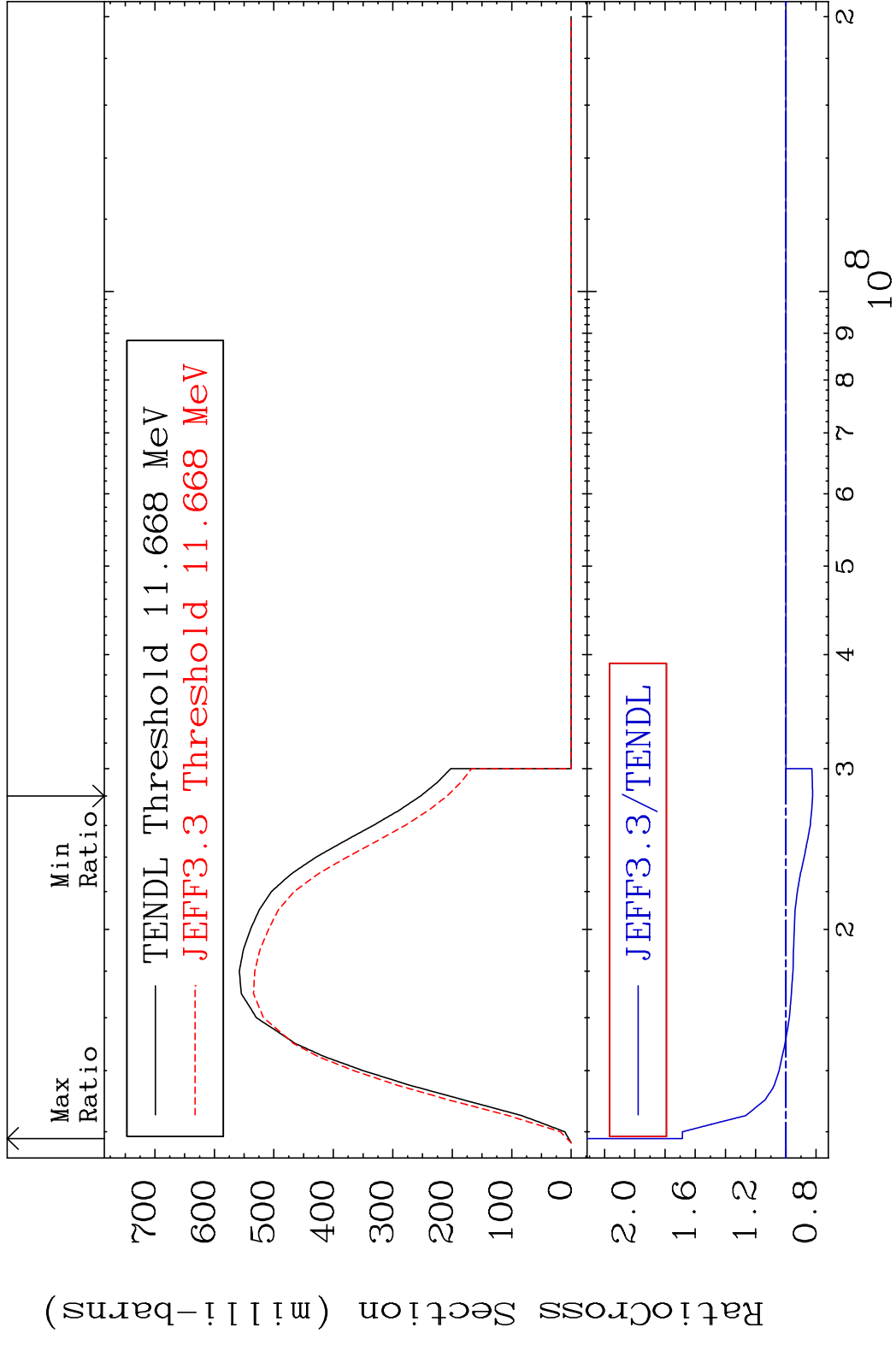
MAT 3631 Dpa disappearance (mt102 -120) 36-Kr-80
 Cross Section -99.99 To 9999. %



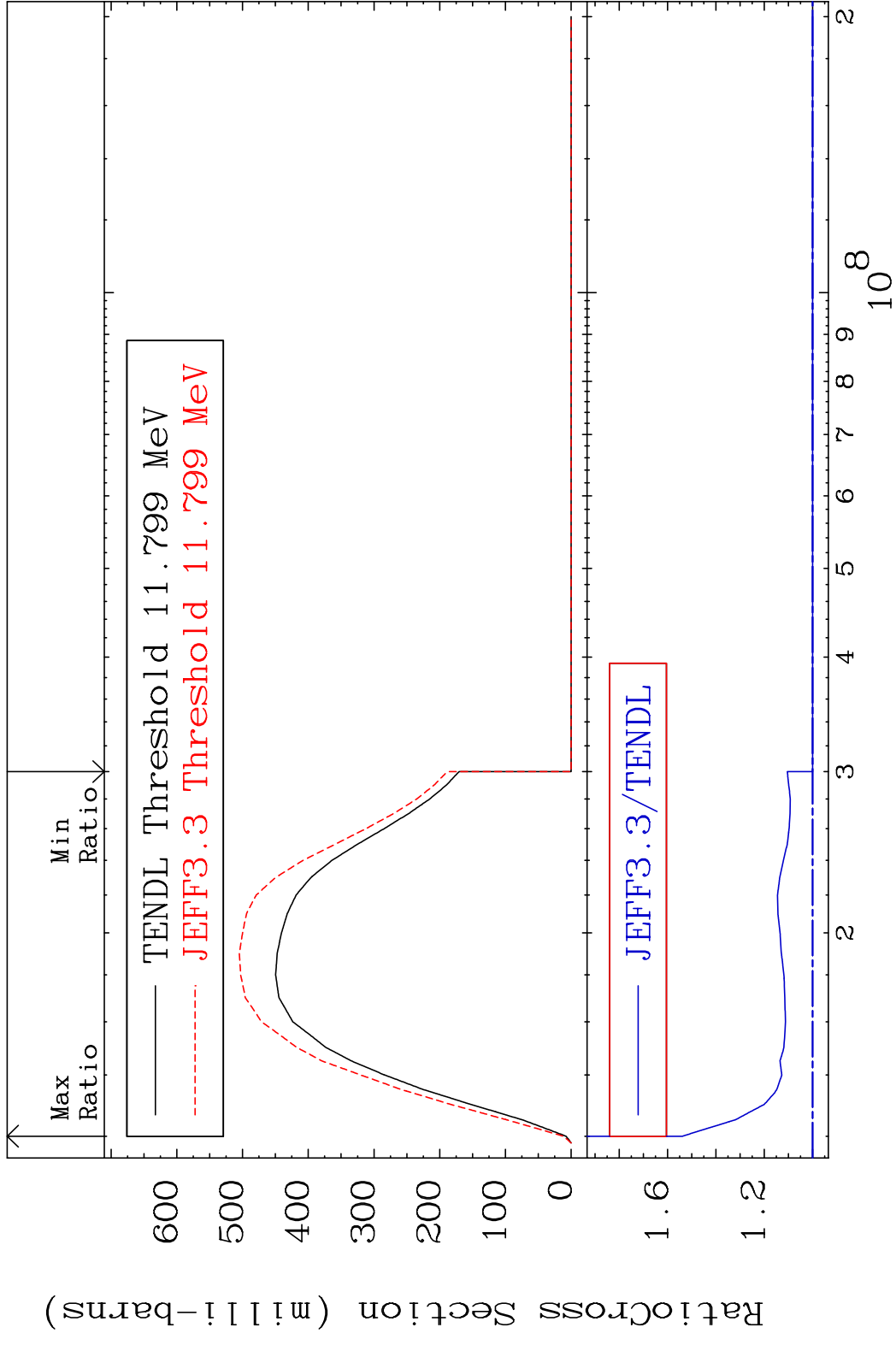


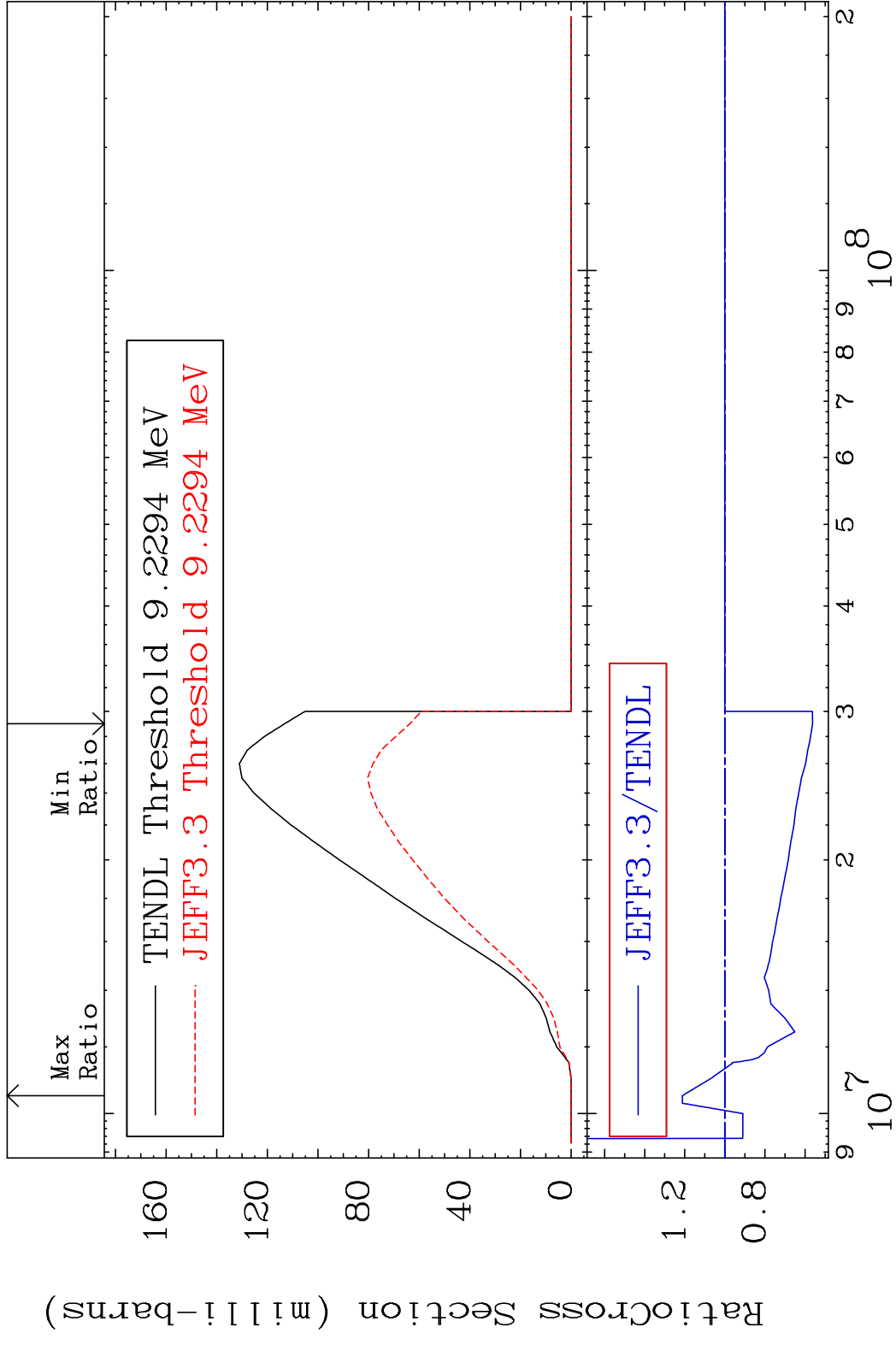
MAT 3631 (n,2n) d:35-Br-77m1 36-Kr-80
 Radionuclide Production Cross Section 9999. %



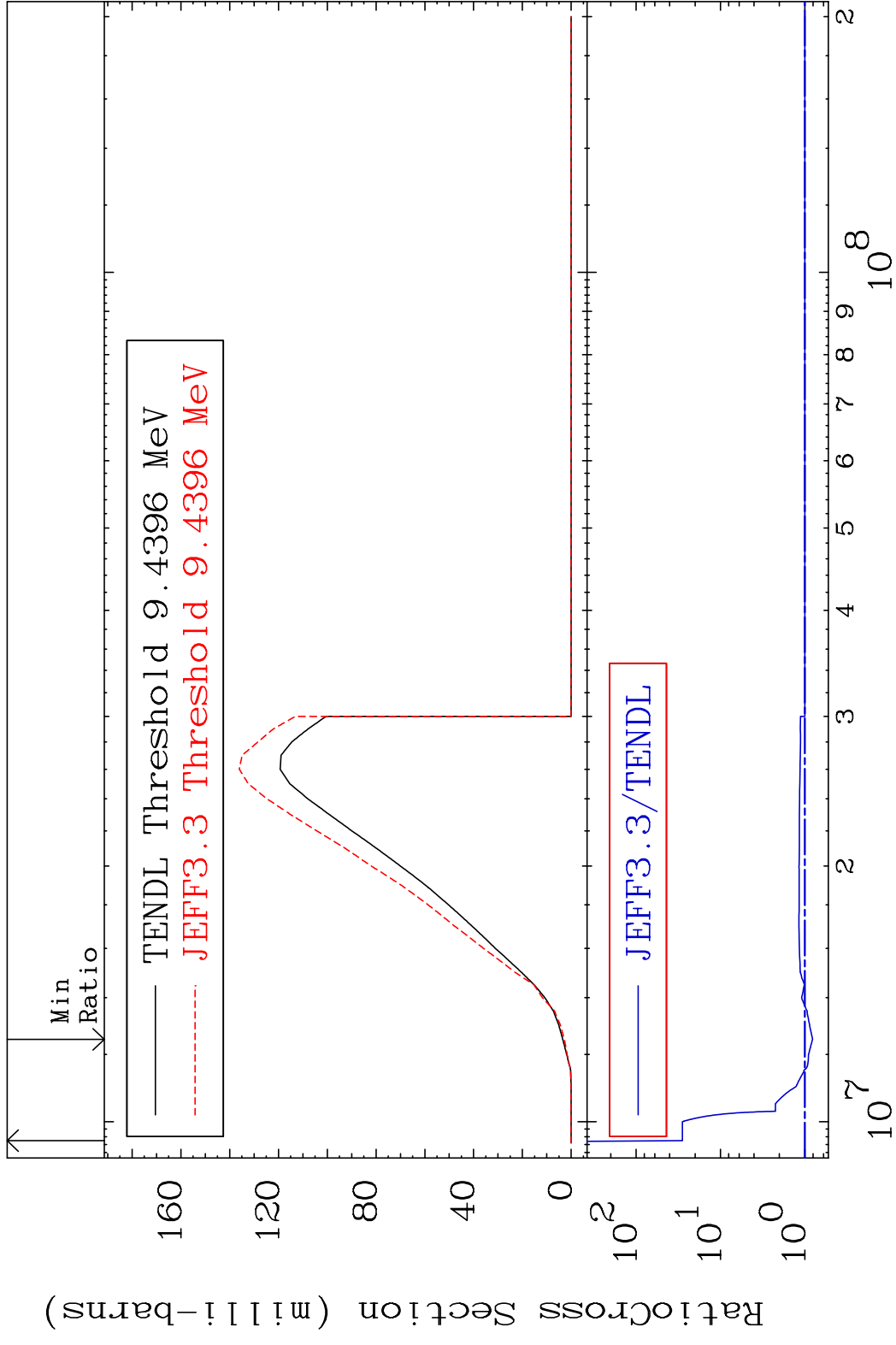


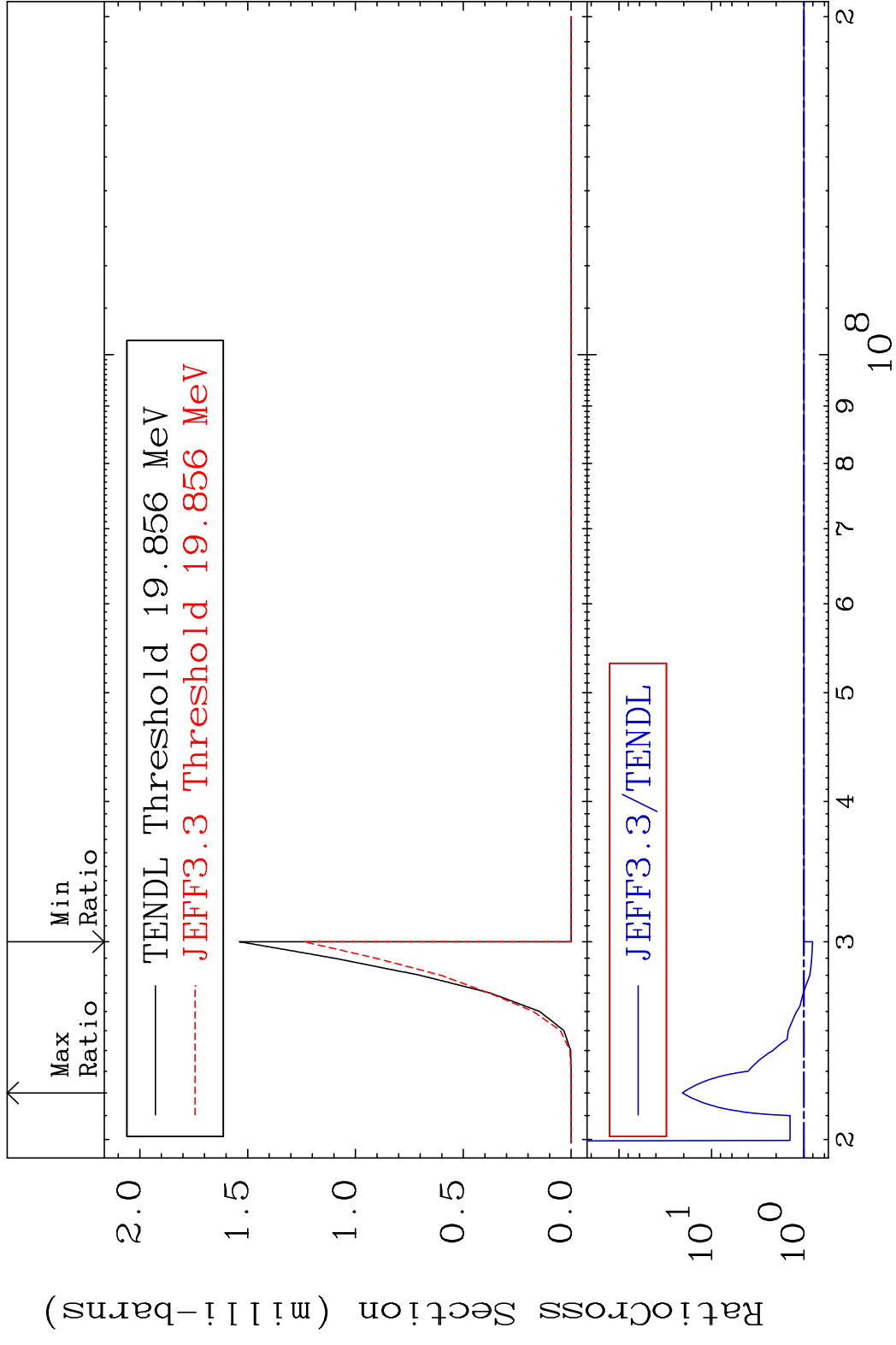
MAT 3631 (n,2n):36-Kr-79m1 36-Kr-80
 Radionuclide Production Cross Section 53.90 %



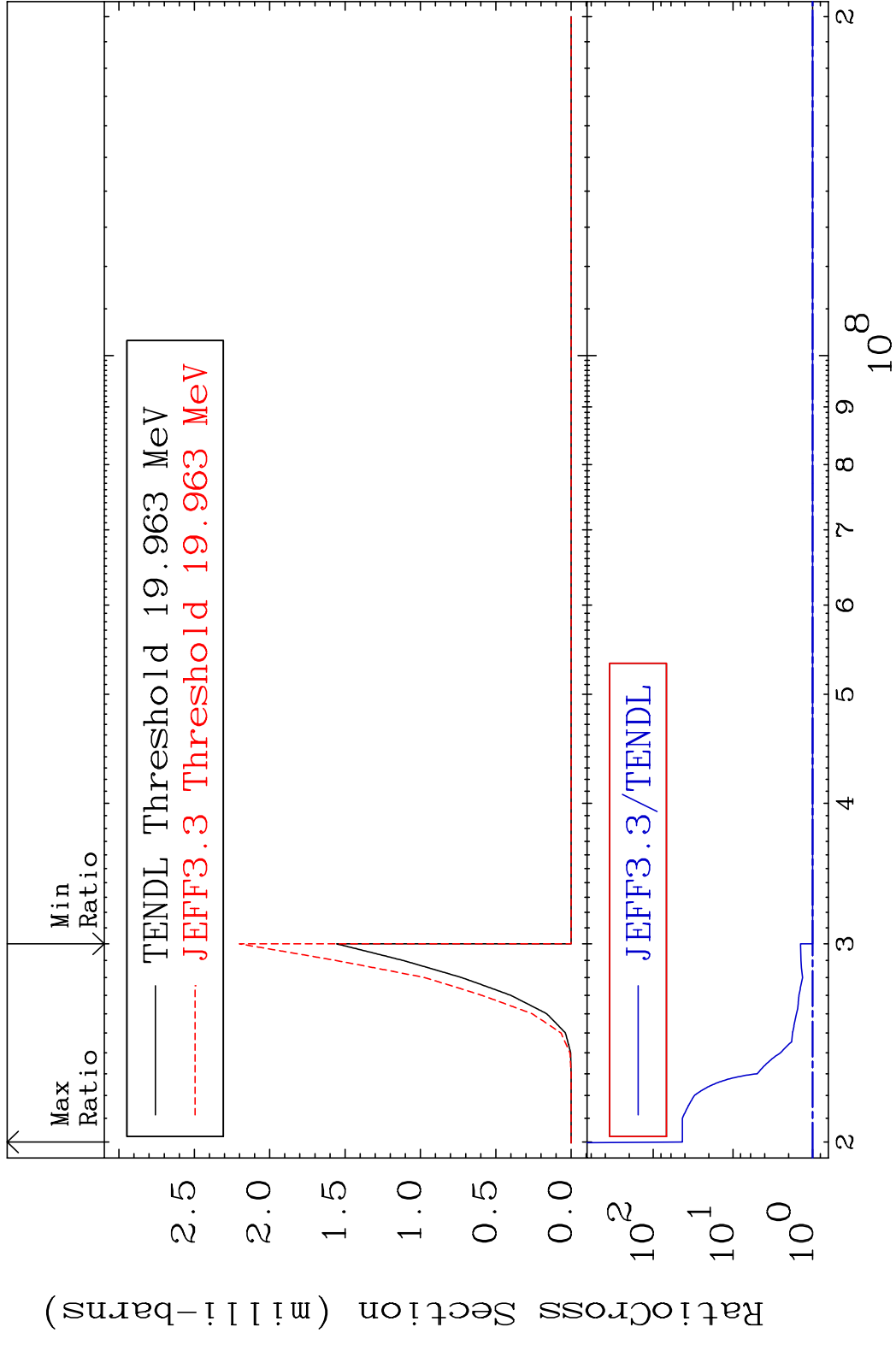


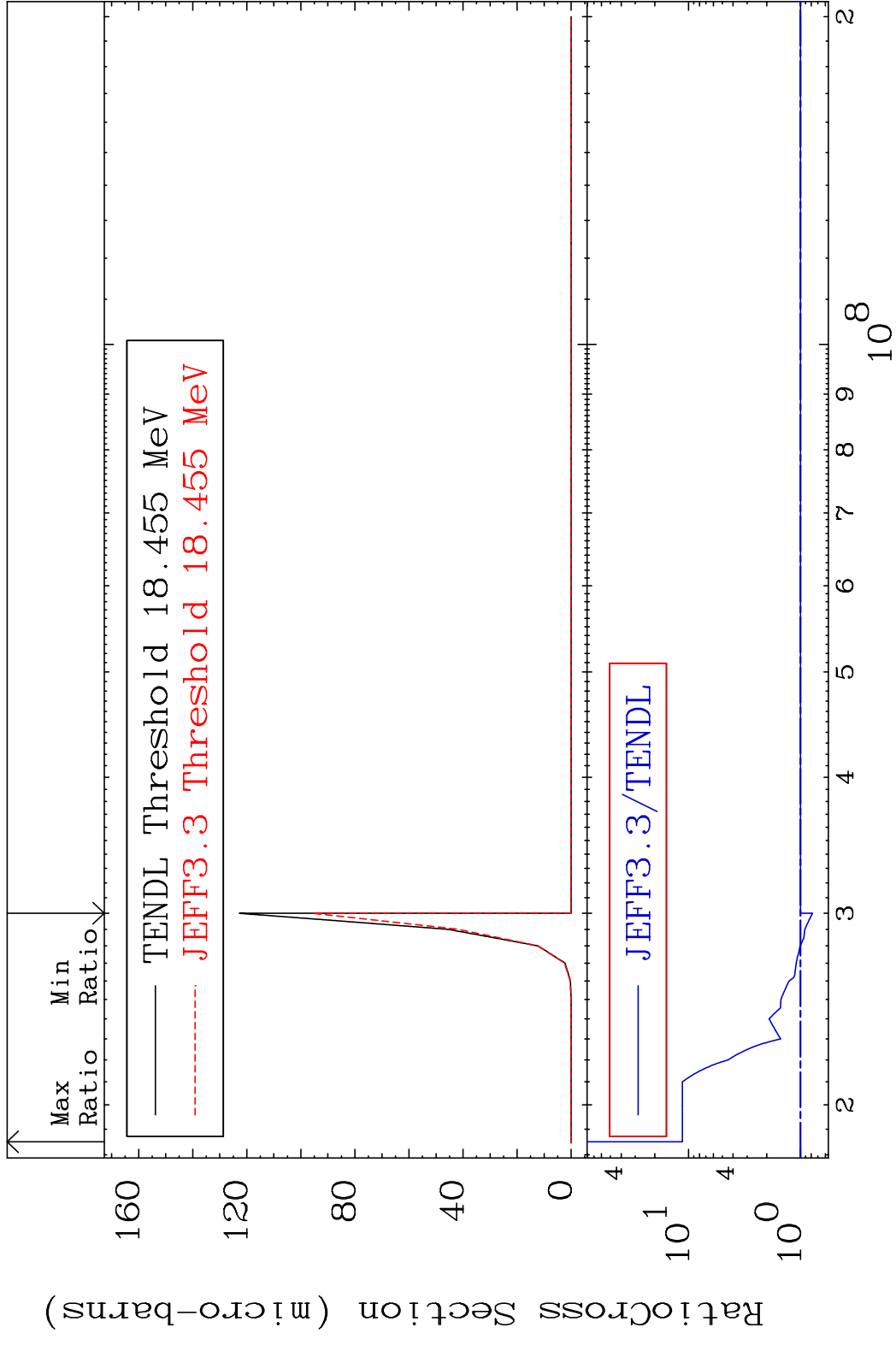
MAT 3631 (n, n') p:35-Br-79m1 36-Kr-80
 Radionuclide Production Cross Section 19e09 d10 2731. %



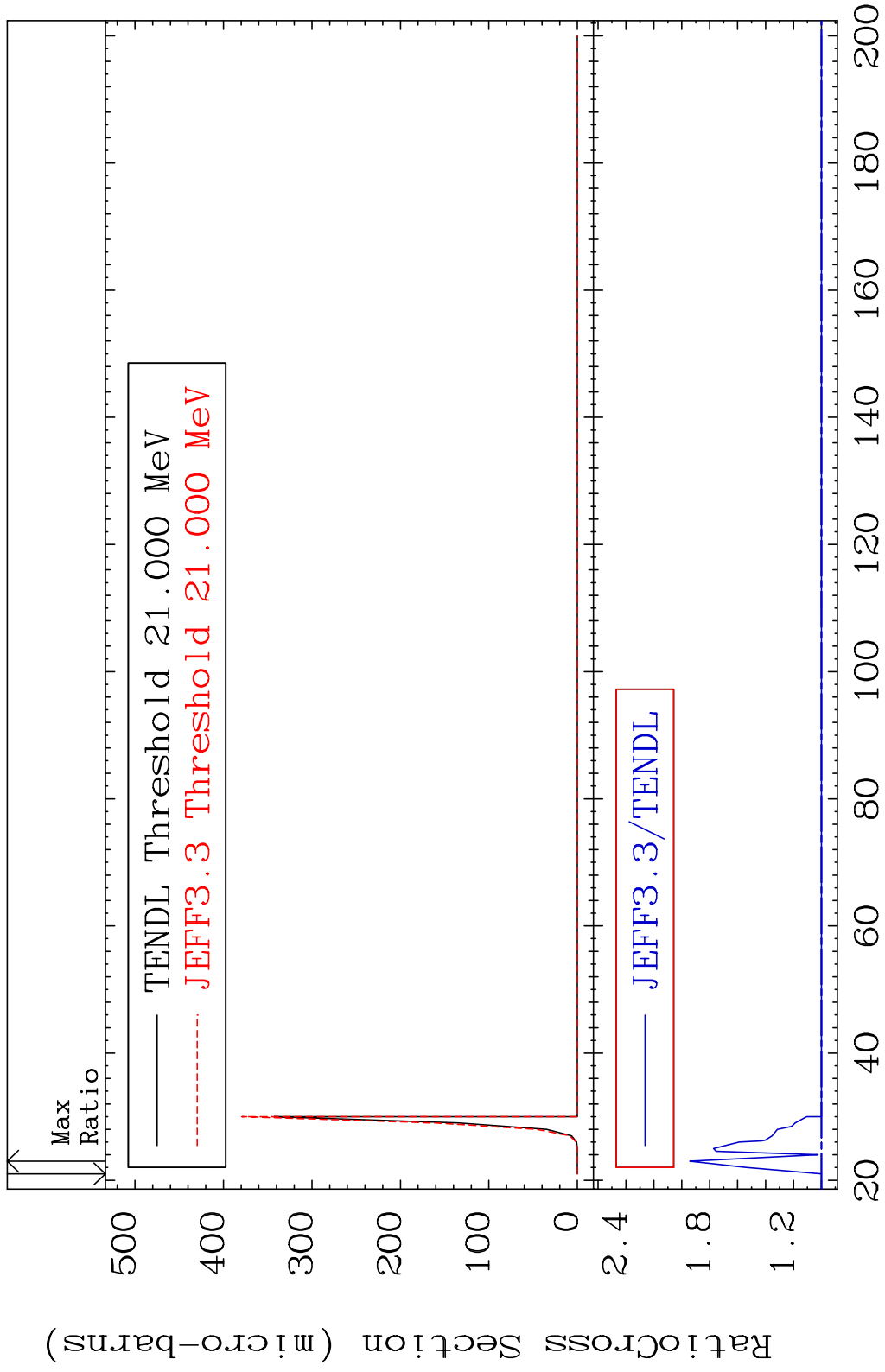


MAT 3631 (n, n') t:35-Br-77m1 36-Kr-80
 Radionuclide Production Cross Section 4212. %



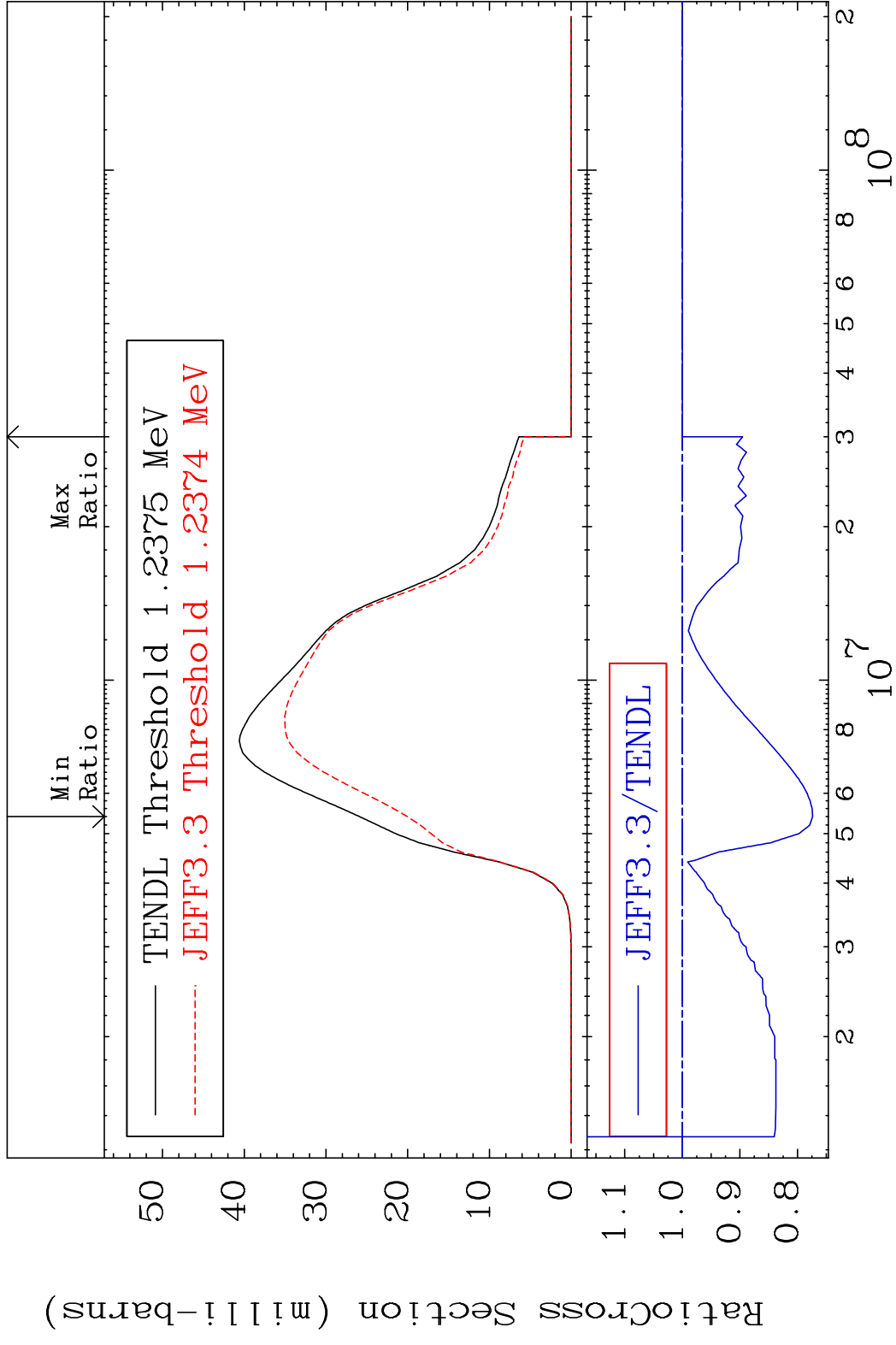


MAT 3631 (n, n') He-3:34-Se-77m1 36-Kr-80
 Radionuclide Production Cross Section 94.28 %

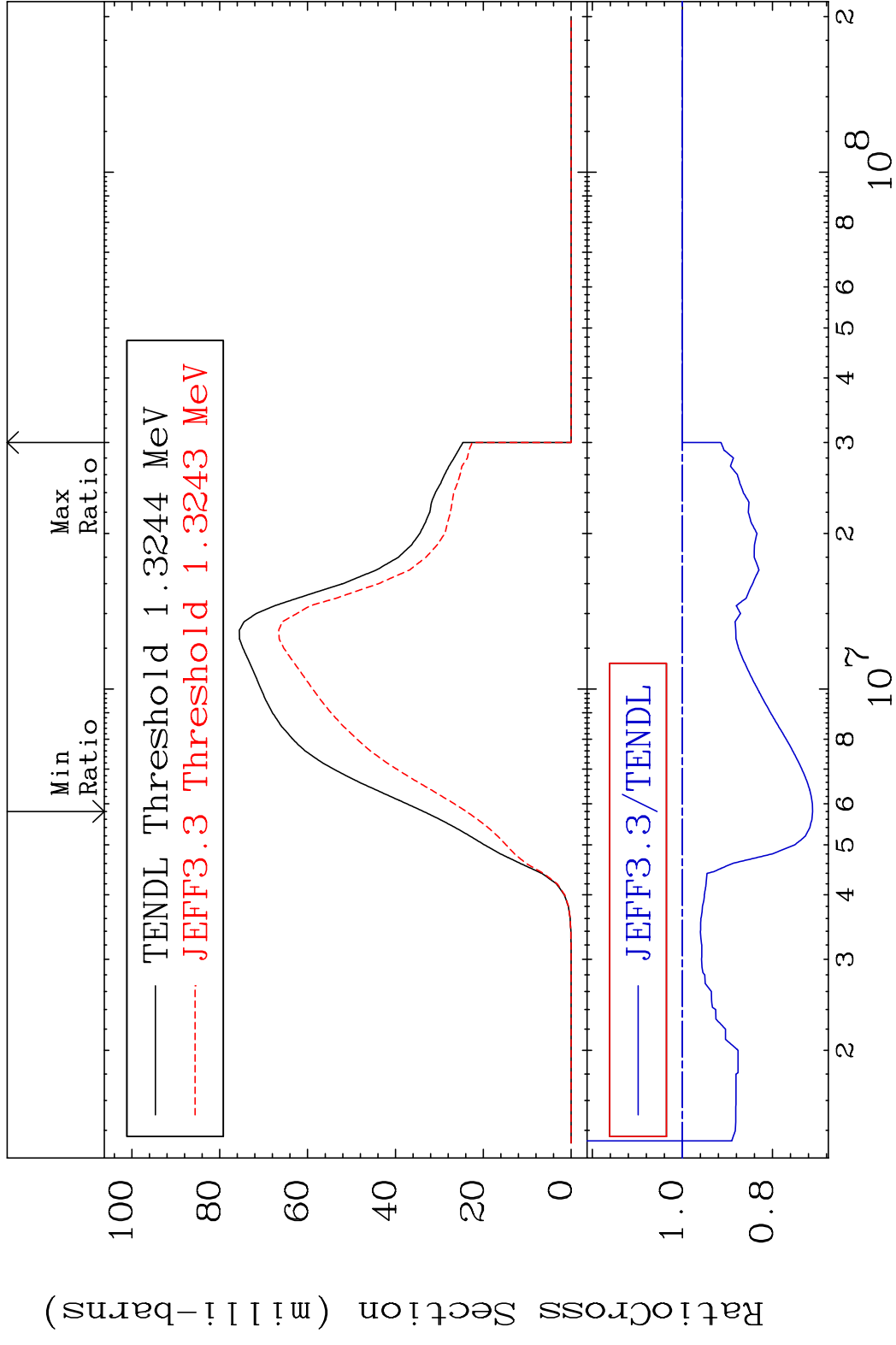


73 Incident Energy (MeV) 36-Kr-80

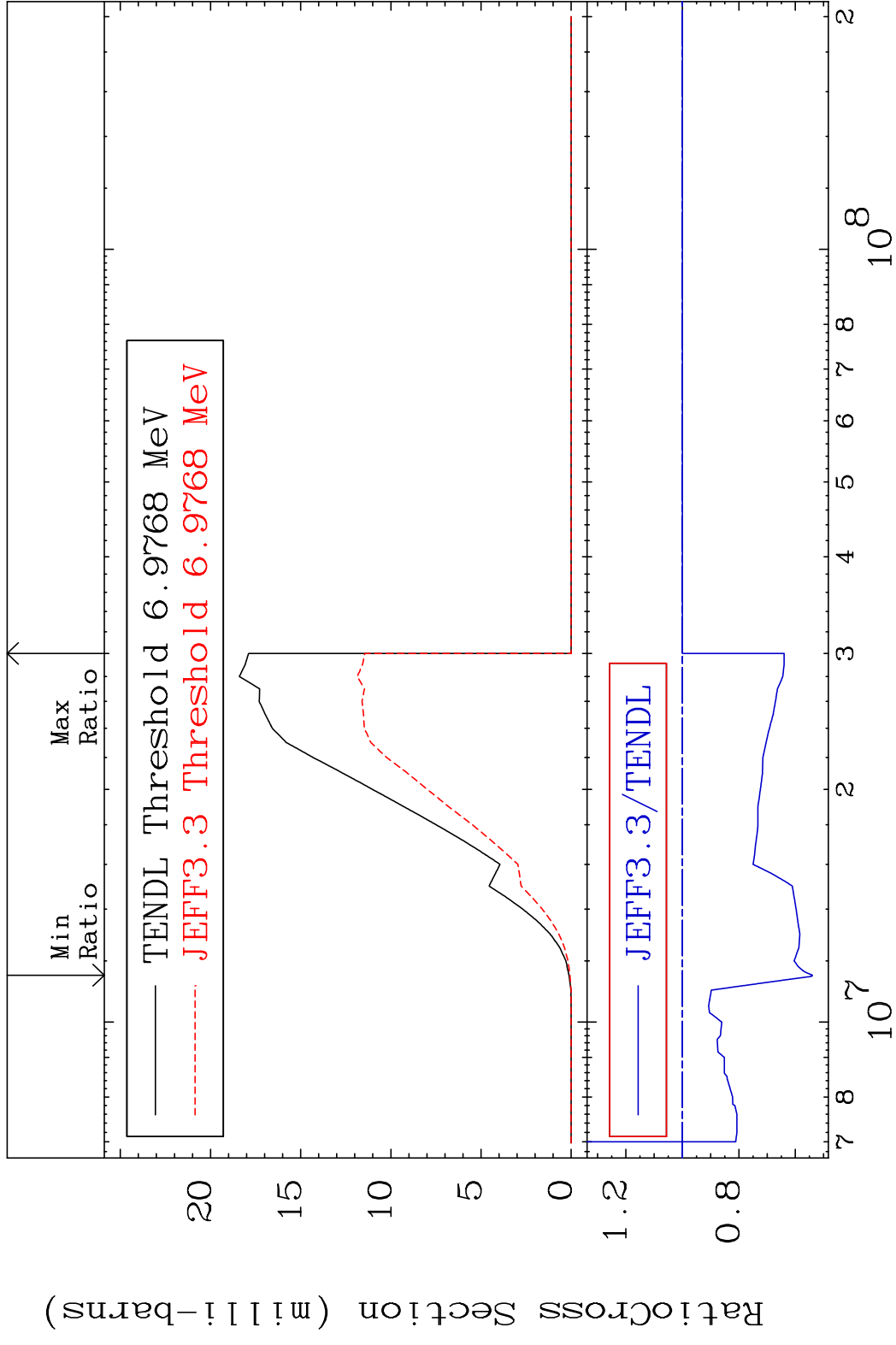
MAT 3631 (n, p) : 35-Br-80g 36-Kr-80
 Radionuclide Production Cross Section 0.000 %



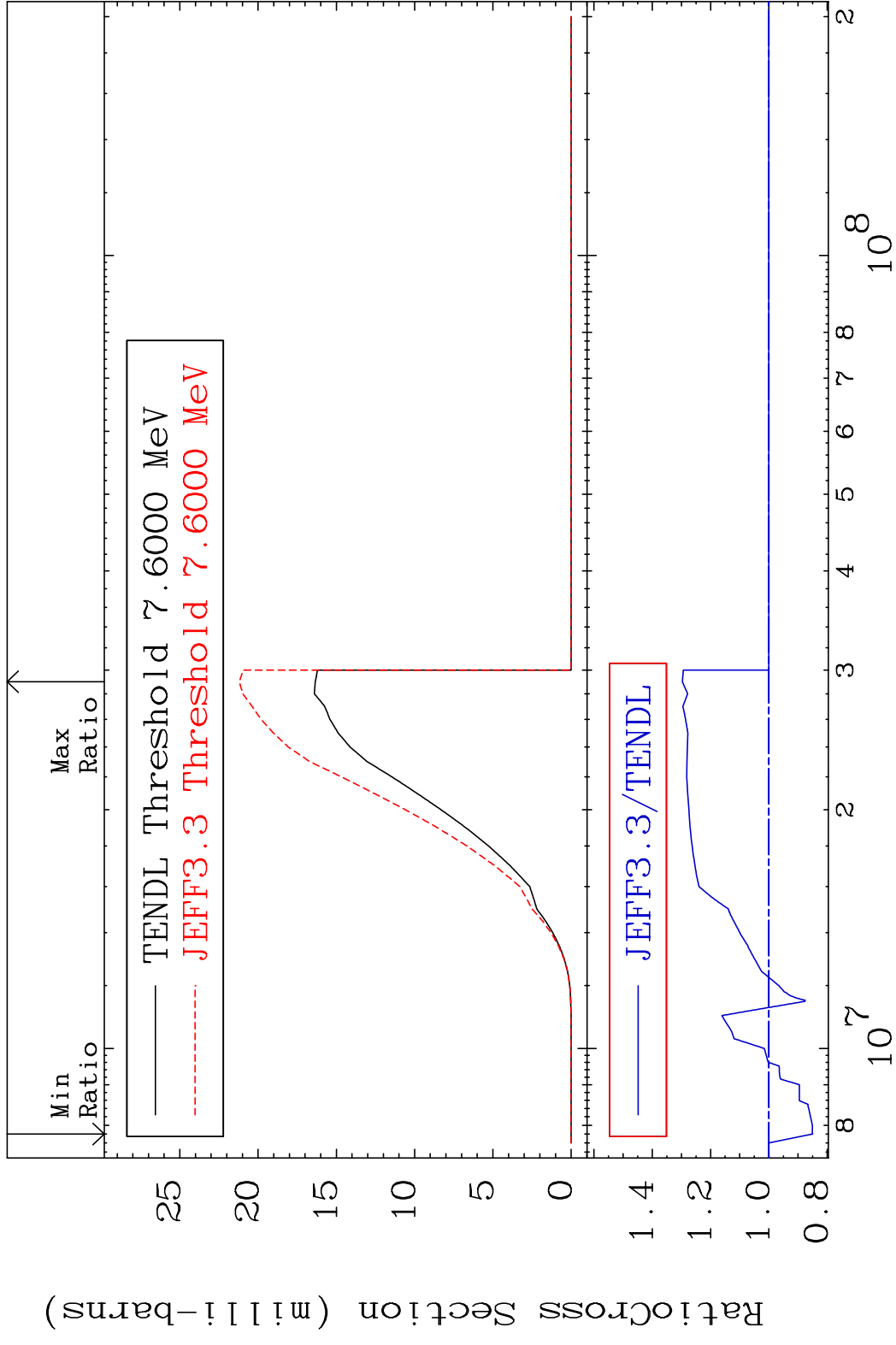
MAT 3631 (n,p):35-Br-80m2 36-Kr-80
 Radionuclide Production Cross Section 0.000 %

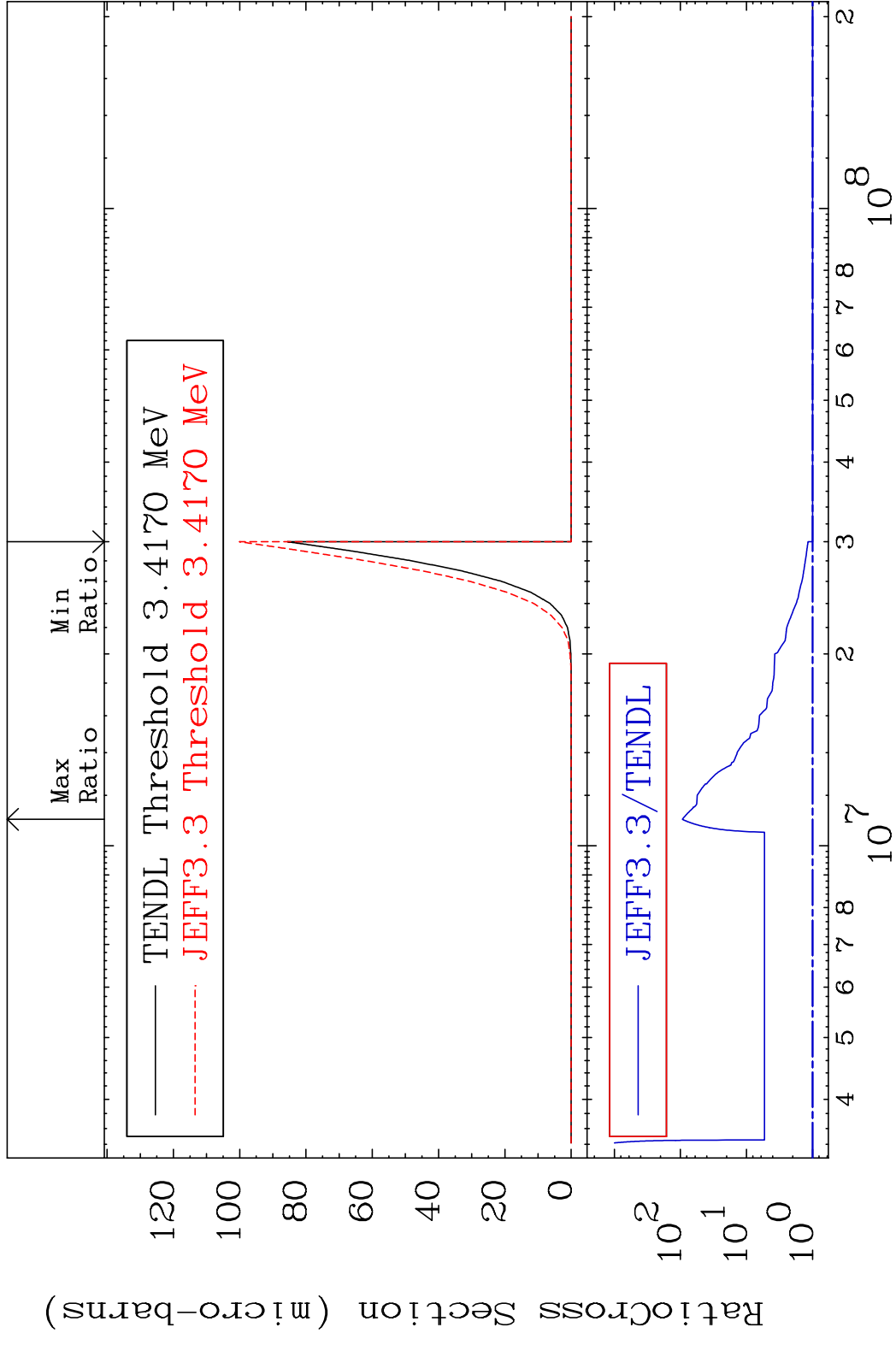


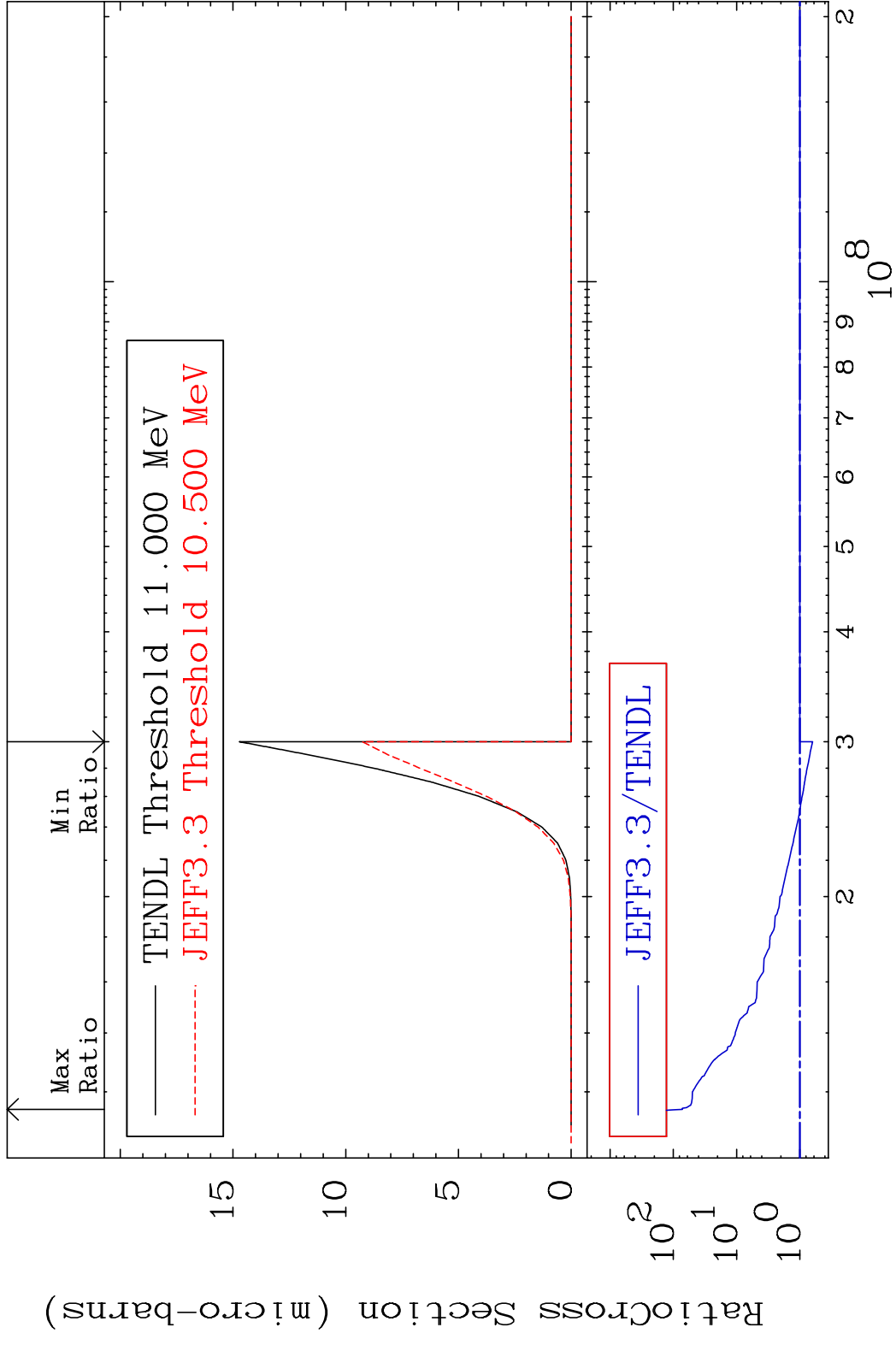
MAT 3631 (n, d): 35-Br-79g 36-Kr-80
 Radionuclide Production Cross Section 486081 d10 0.000 %



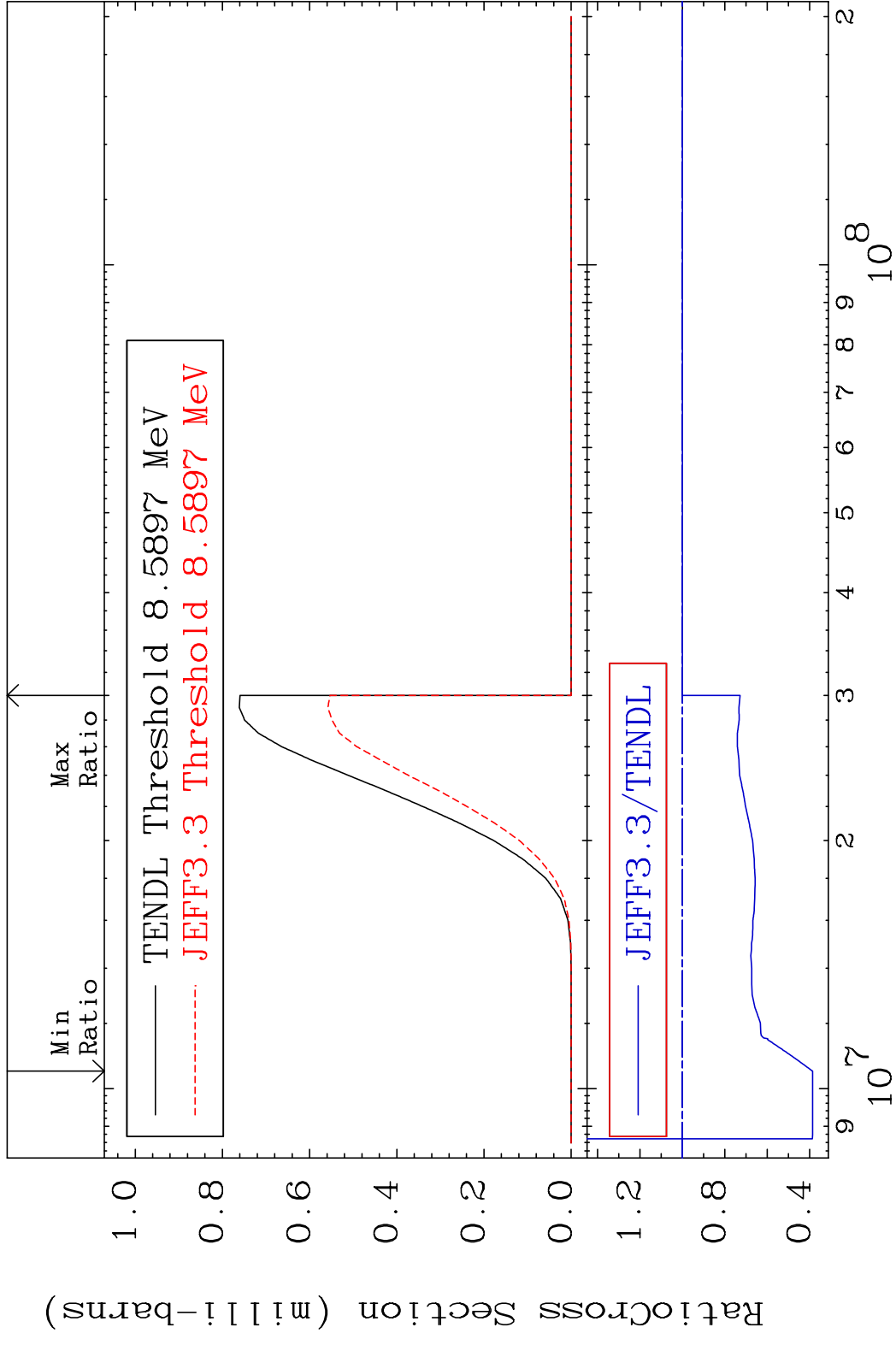
MAT 3631 (n,d):35-Br-79m1 36-Kr-80
 Radionuclide Production Cross Section 29.68 %





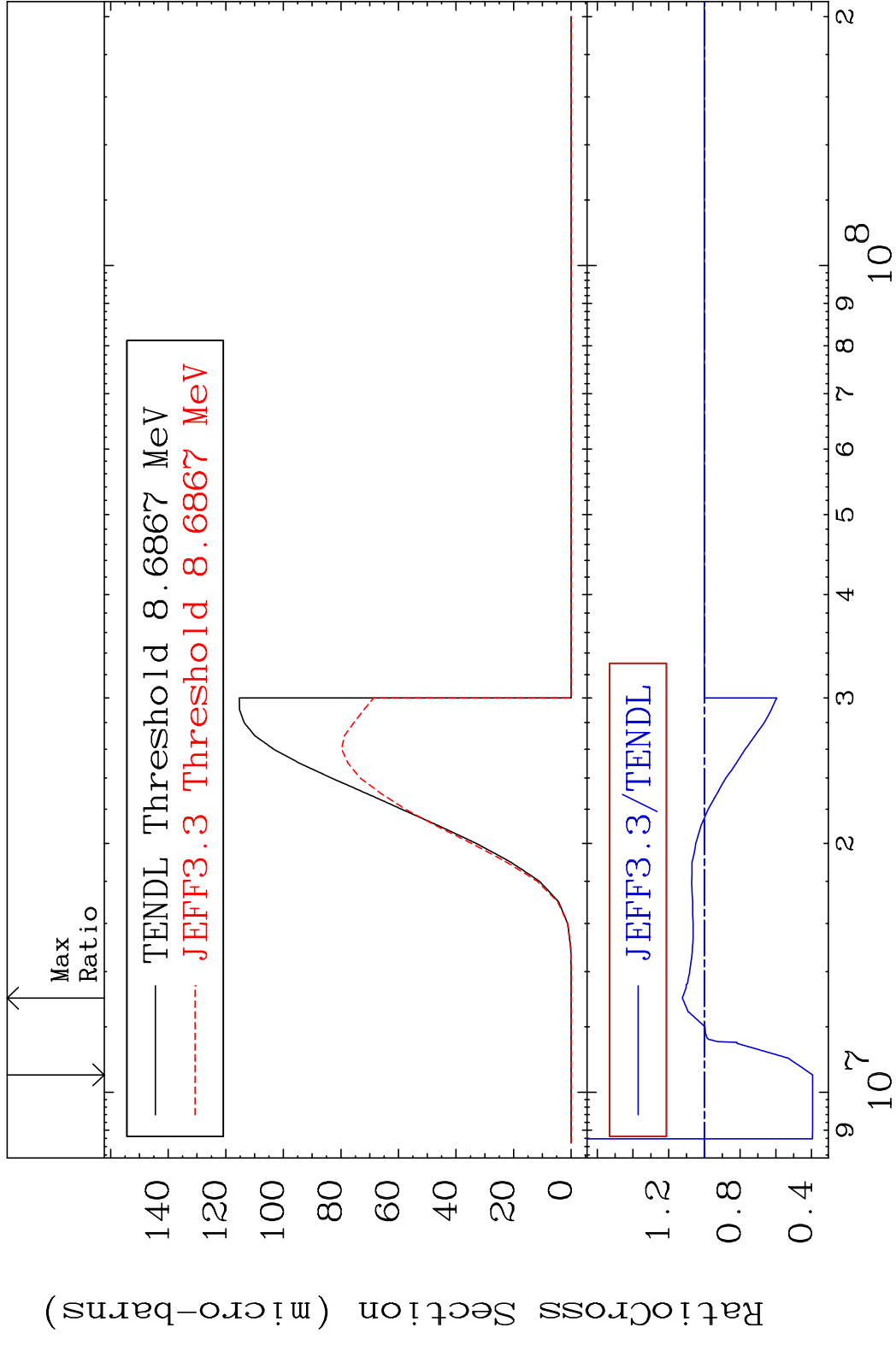


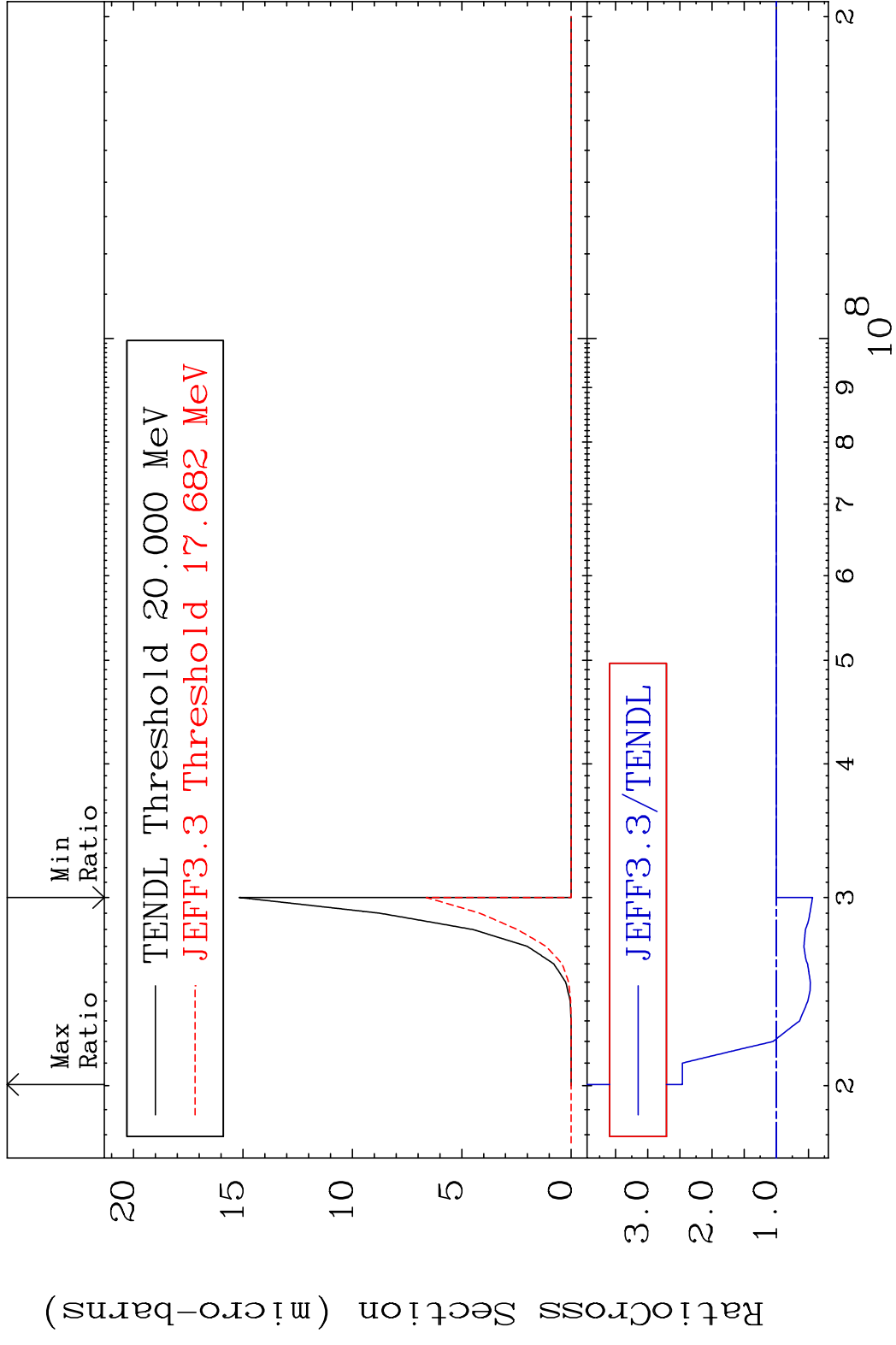
MAT 3631 (n,2p):34-Se-79g 36-Kr-80
 Radionuclide Production Cross Section 0.000 %



80 Incident Energy (eV) 36-Kr-80

MAT 3631 (n,2p):34-Se-79m1 36-Kr-80
 Radionuclide Production Cross Section 12.33 %





MAT 3631 (n,p) t:34-Se-77m1 36-Kr-80
 Radionuclide Production Cross Section 160.1 %

