

Program Complot
(Version 2021-1)

by

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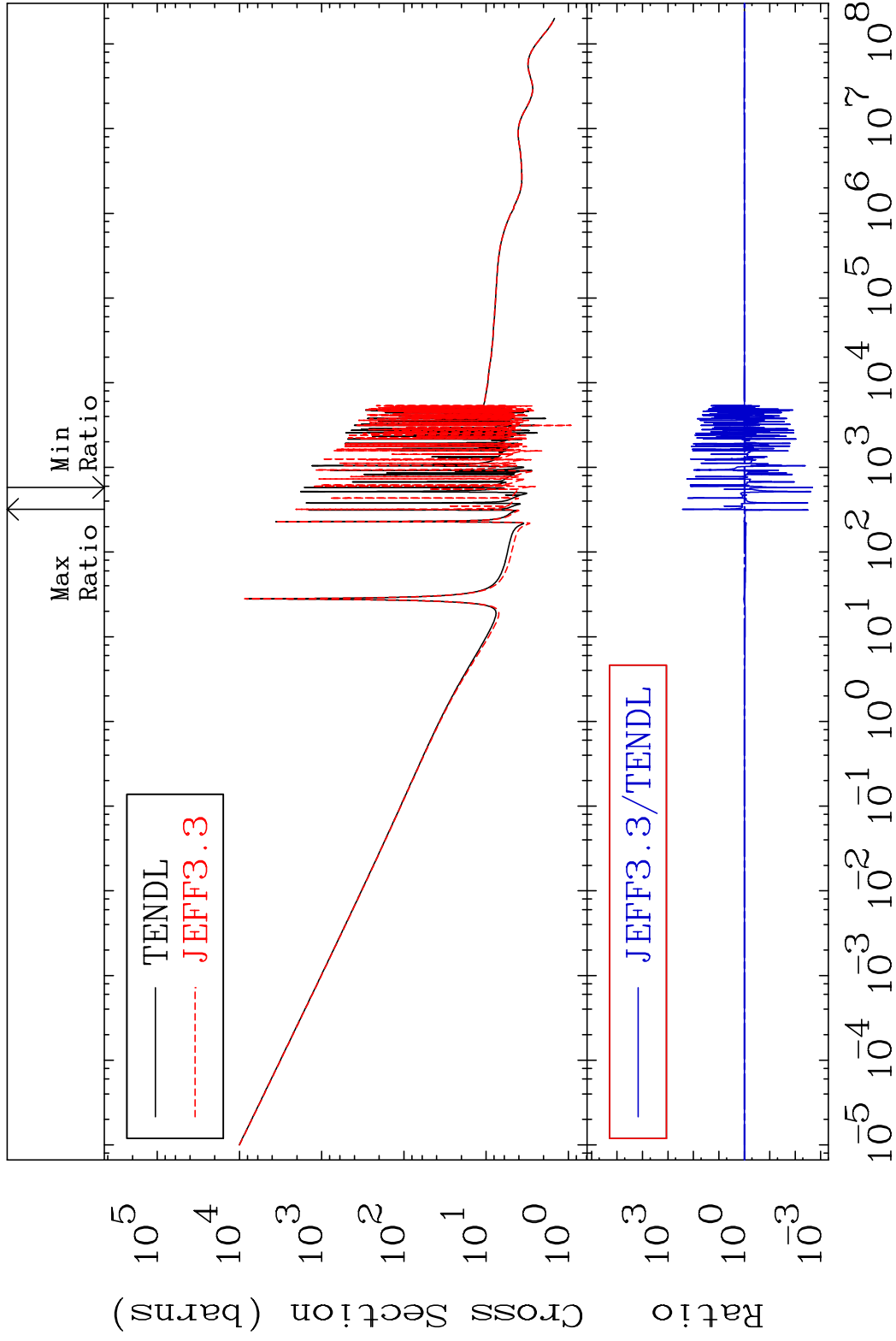
Press Mouse Button to Start

MAT 3640

Total

36-Kr-83

Cross Section -99.79 To 9999. %

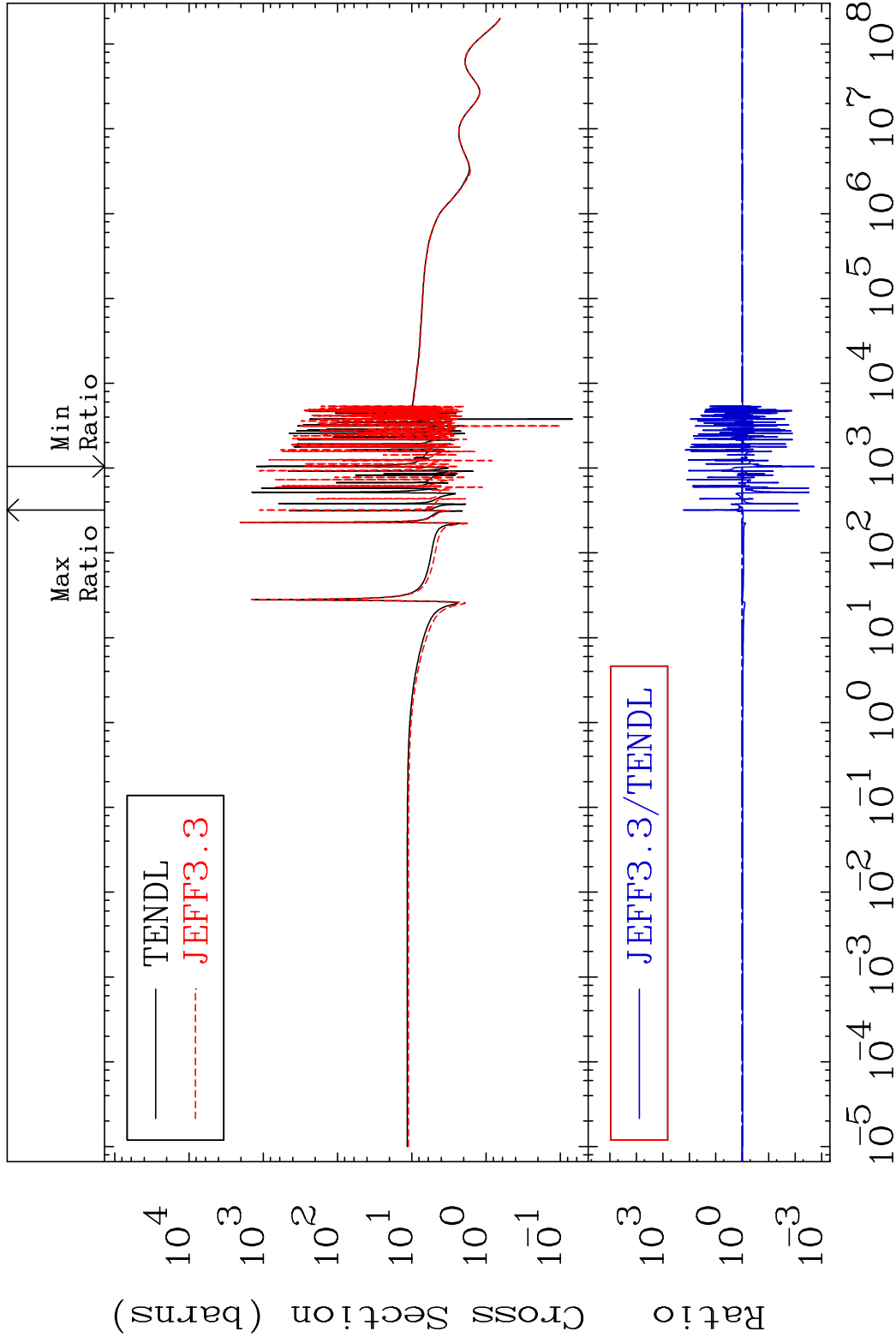


MAT 3640

Elastic

36-Kr-83

Cross Section -99.81 To 9999. %

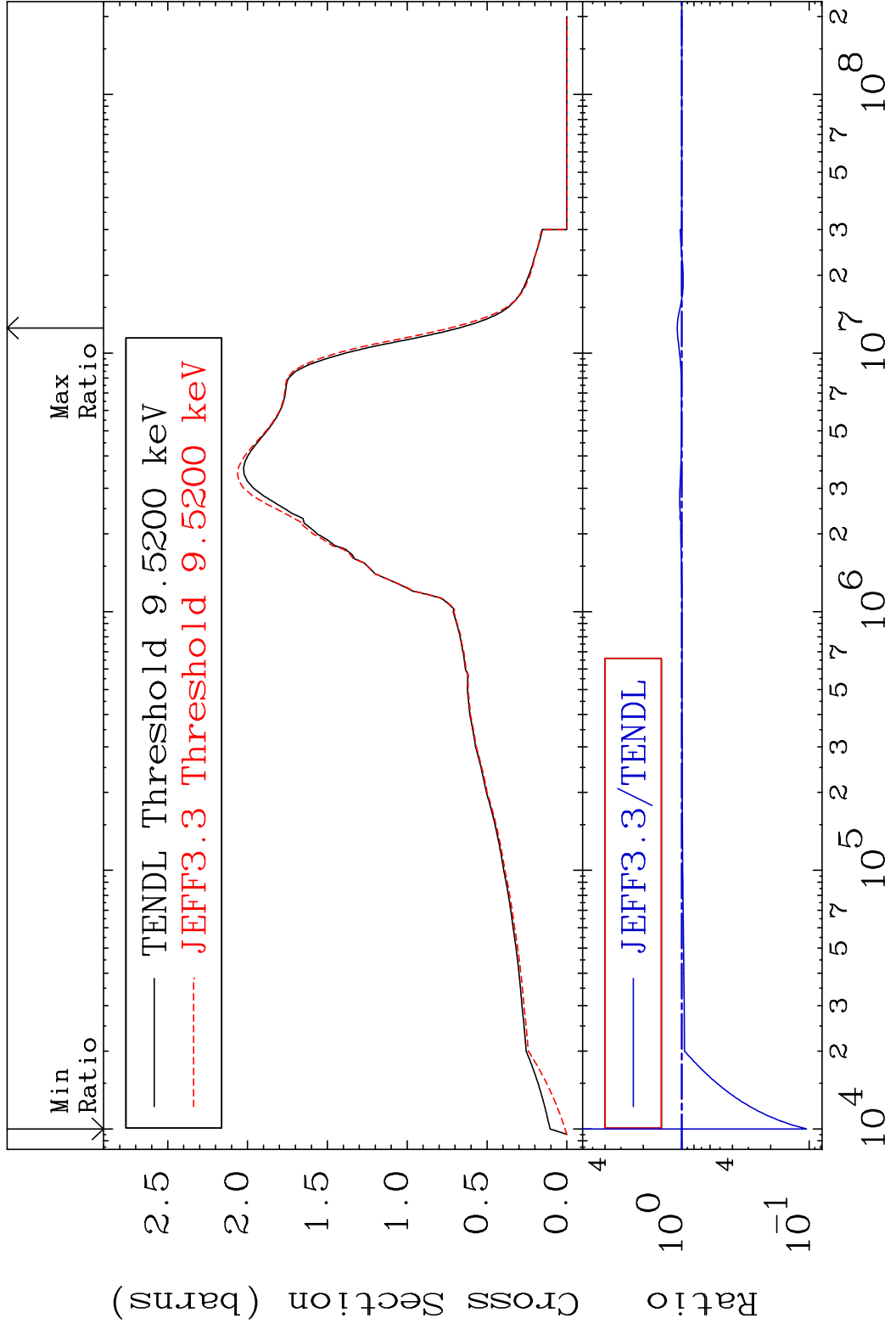


2

Incident Energy (eV)

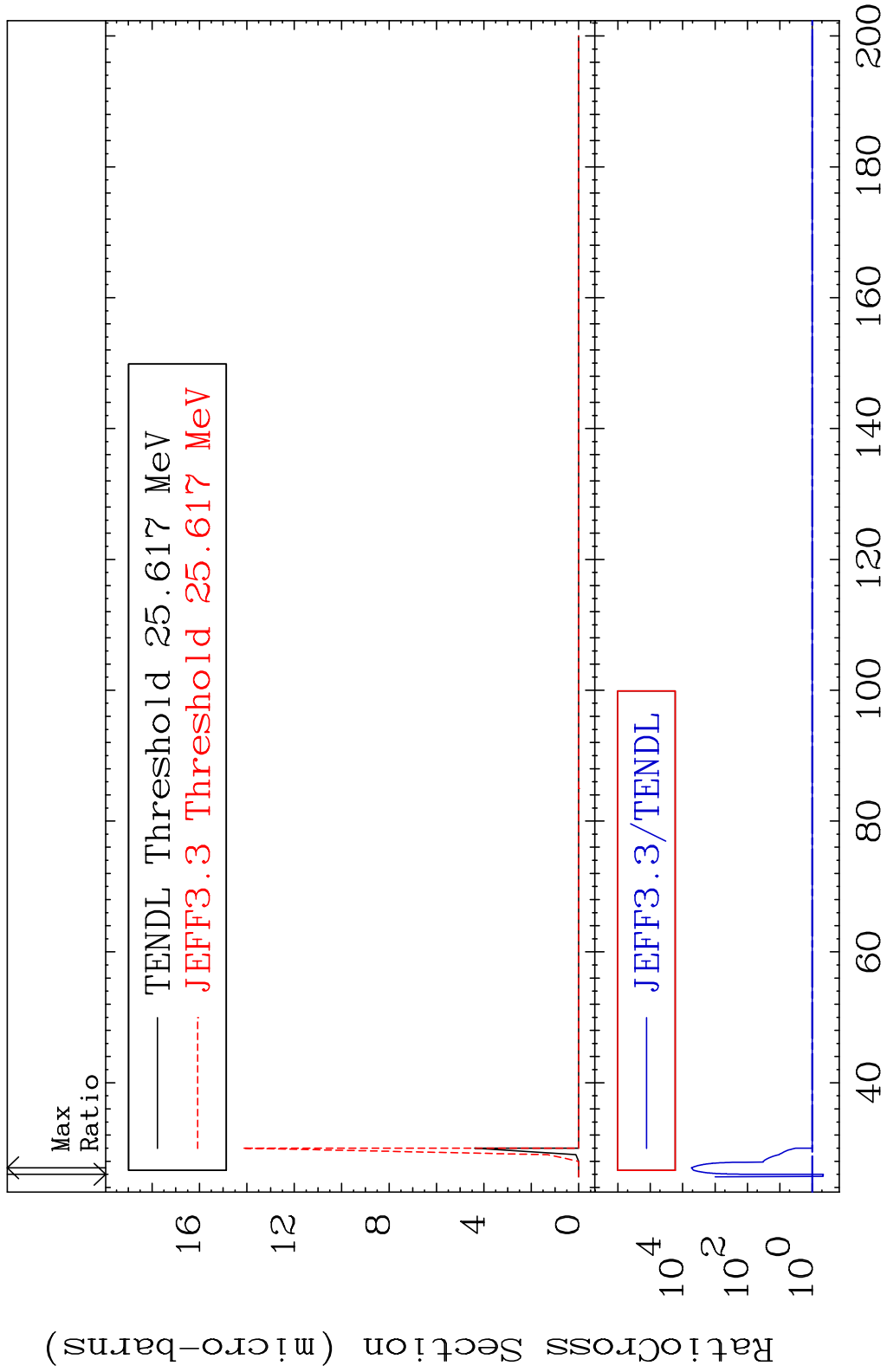
36-Kr-83

MAT 3640 Inelastic Cross Section -89.51 To 8.421 % 36-Kr-83



3 36-Kr-83

MAT 3640 (n,2n) d 36-Kr-83
 Cross Section -54.45 To 9999. %

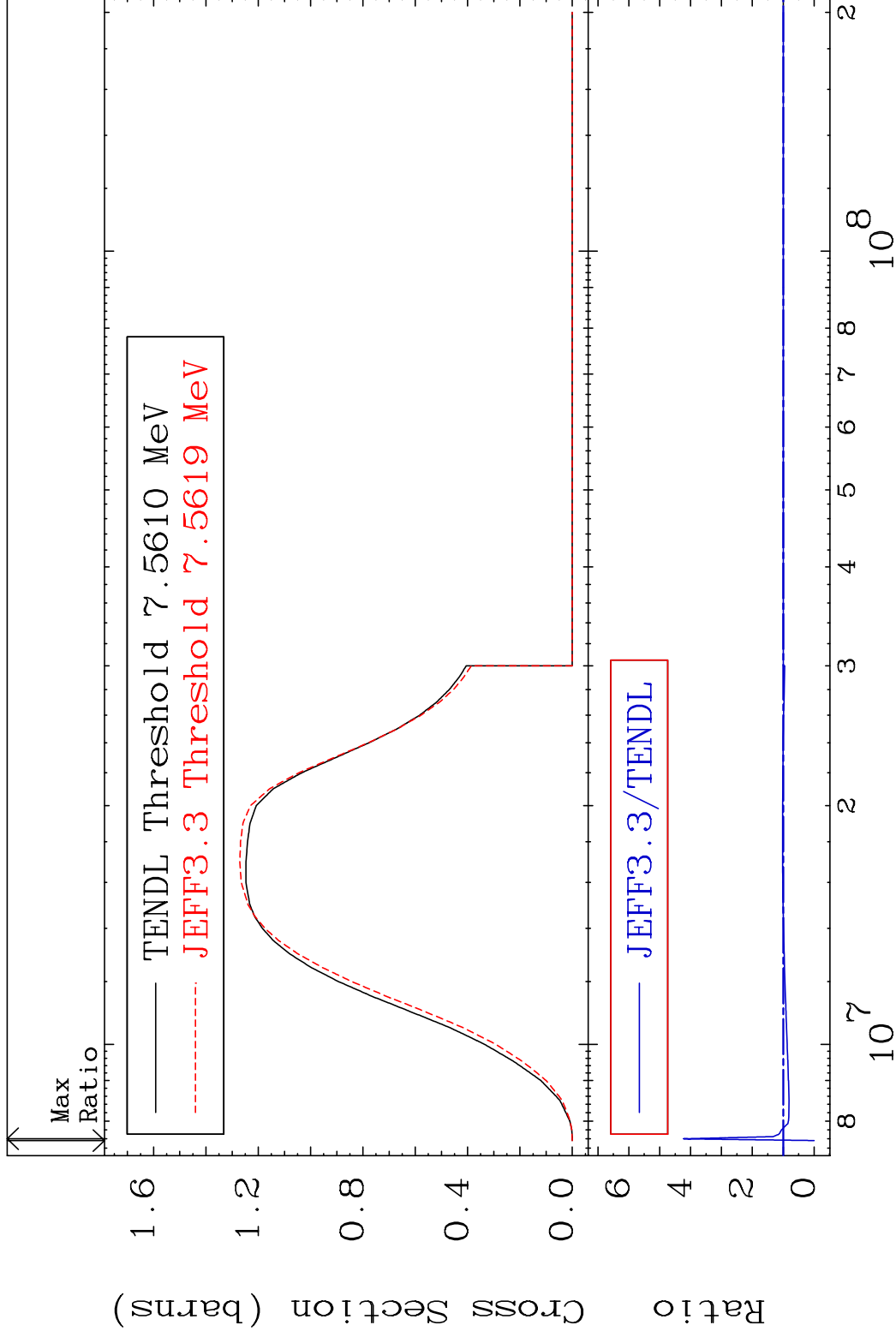


MAT 3640

(n,2n)

36-Kr-83

Cross Section -100.0 To 322.4 %

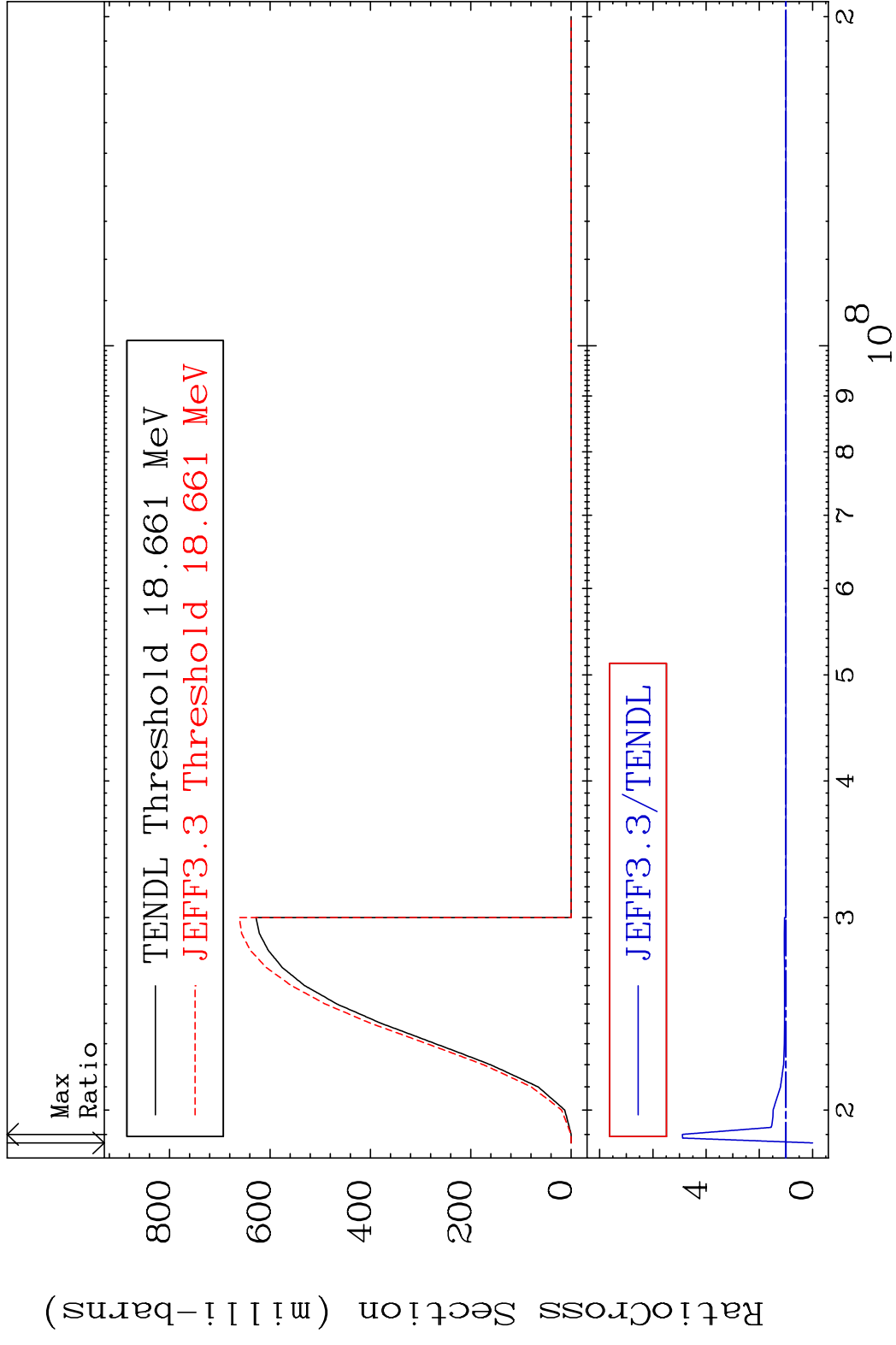


5

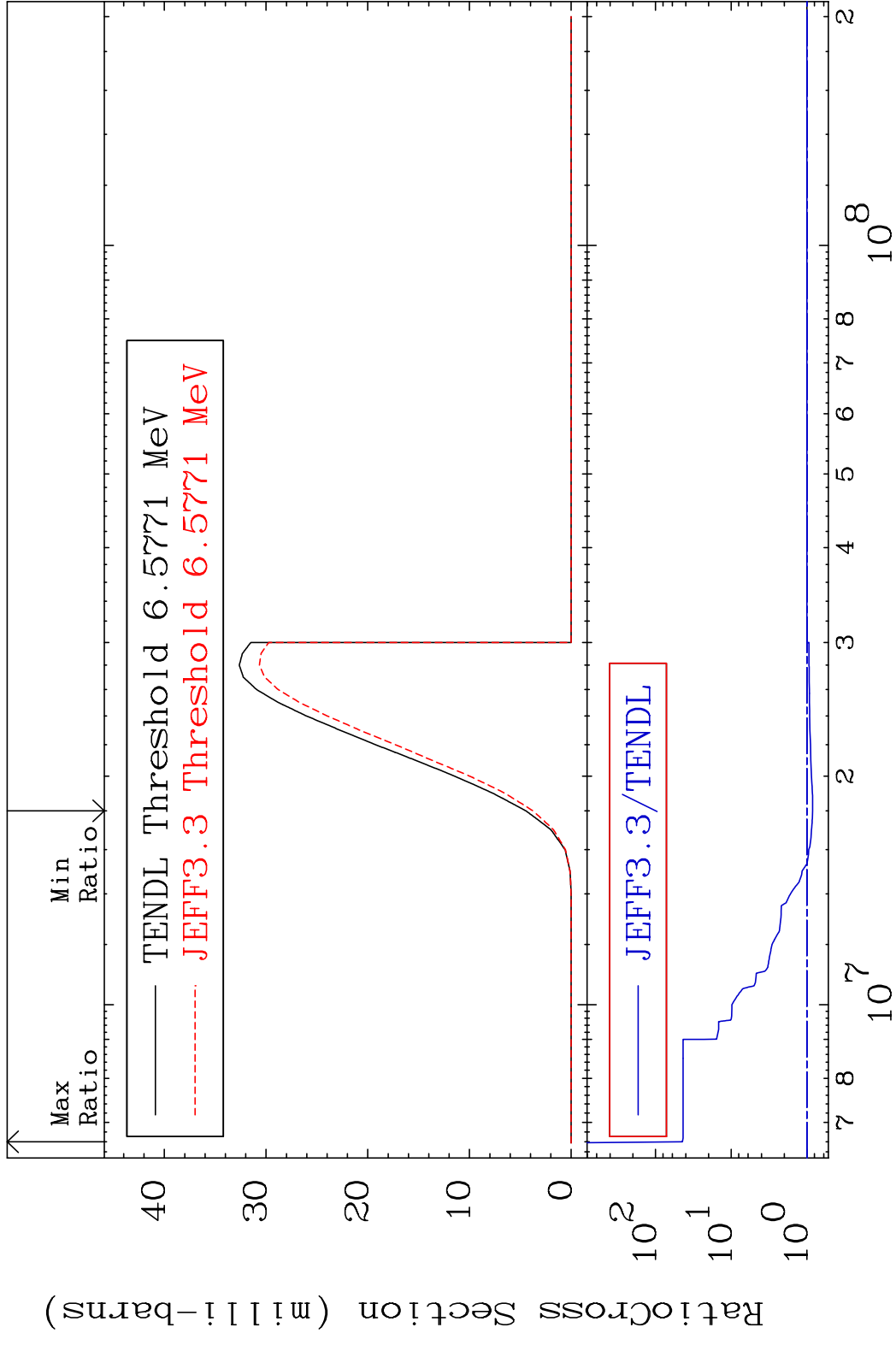
Incident Energy (eV)

36-Kr-83

MAT 3640 (n,3n) 36-Kr-83
 Cross Section -100.0 To 389.2 %



MAT 3640 (n, n') α 36-Kr-83
 Cross Section -15.51 To 4331. %



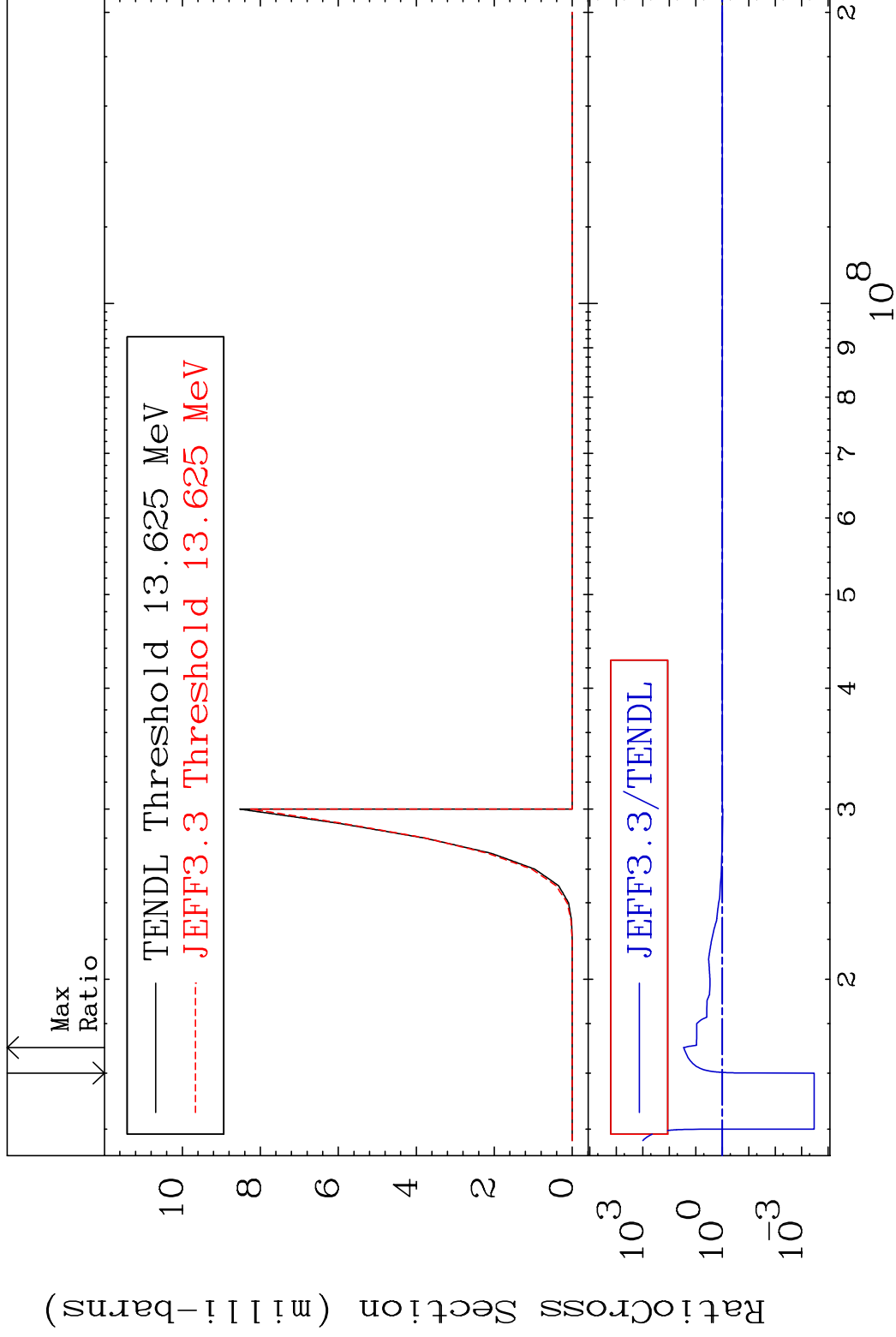
7 36-Kr-83

MAT 3640

(n,2n) α

36-Kr-83

Cross Section -99.97 To 2774. %



8

Incident Energy (eV)

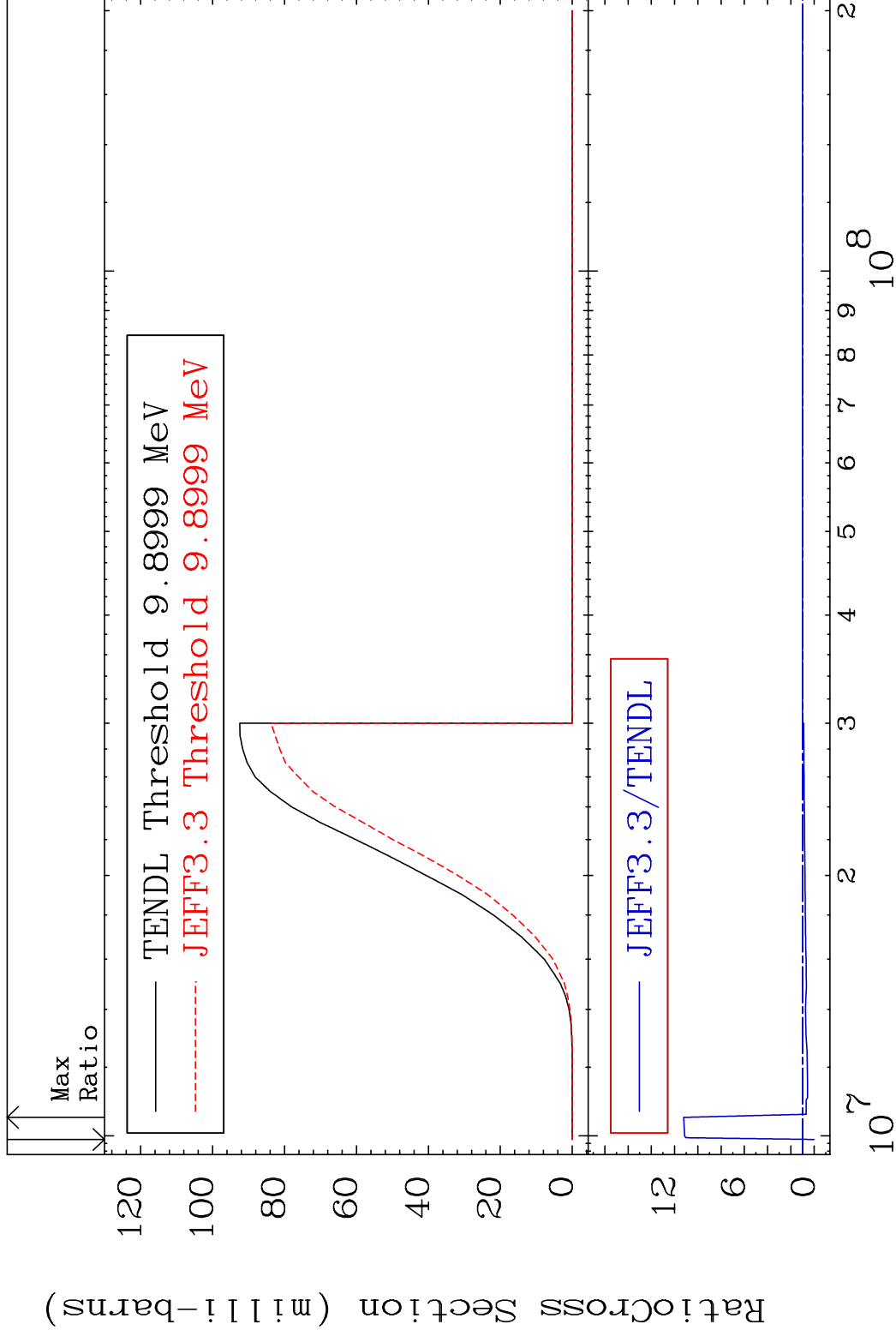
36-Kr-83

MAT 3640

(n, n') p

36-Kr-83

Cross Section -100.0 To 1022. %



9

Incident Energy (eV)

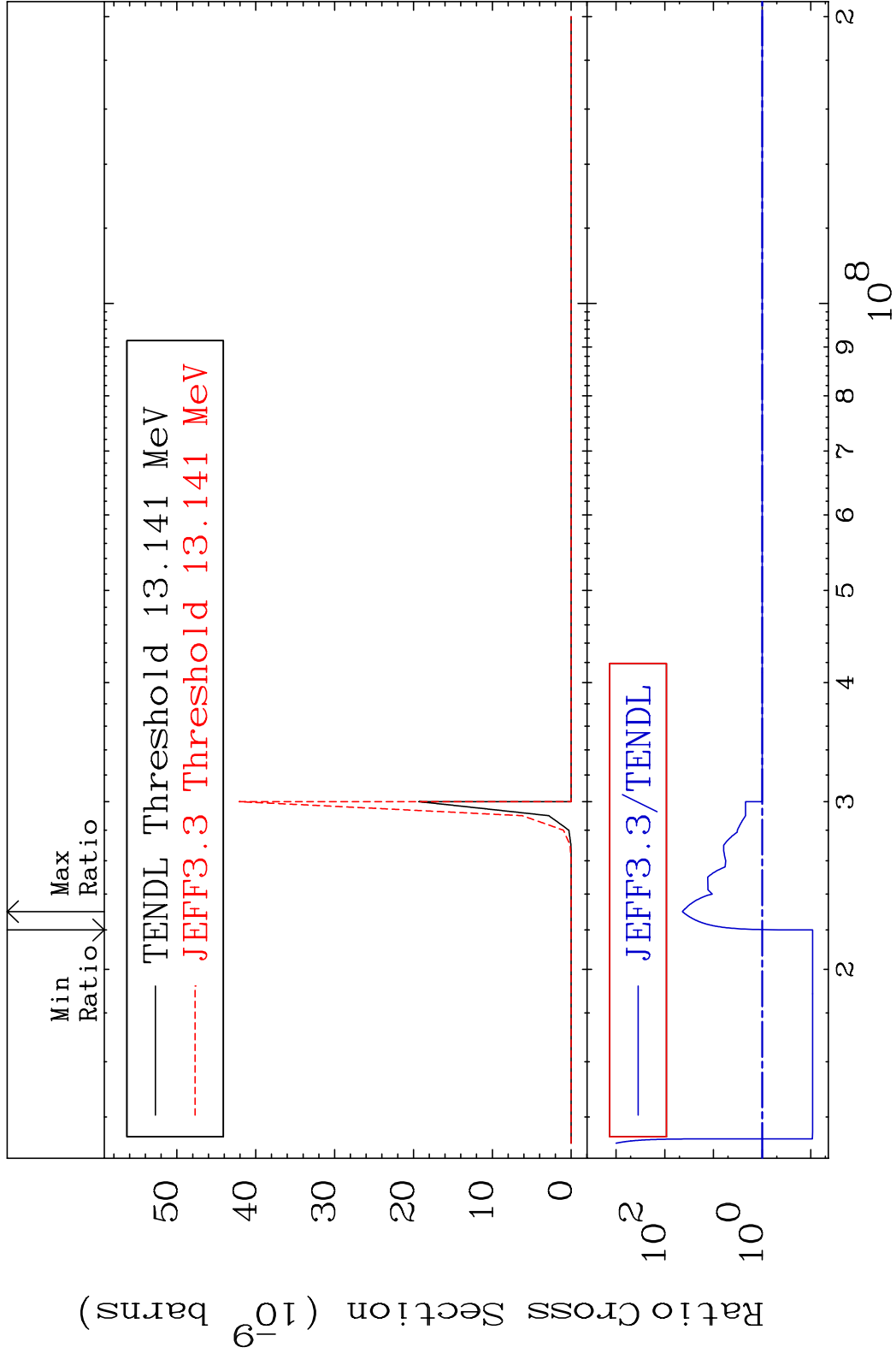
36-Kr-83

MAT 3640

(n, n') 2 α

36-Kr-83

Cross Section -90.79 To 4251. %

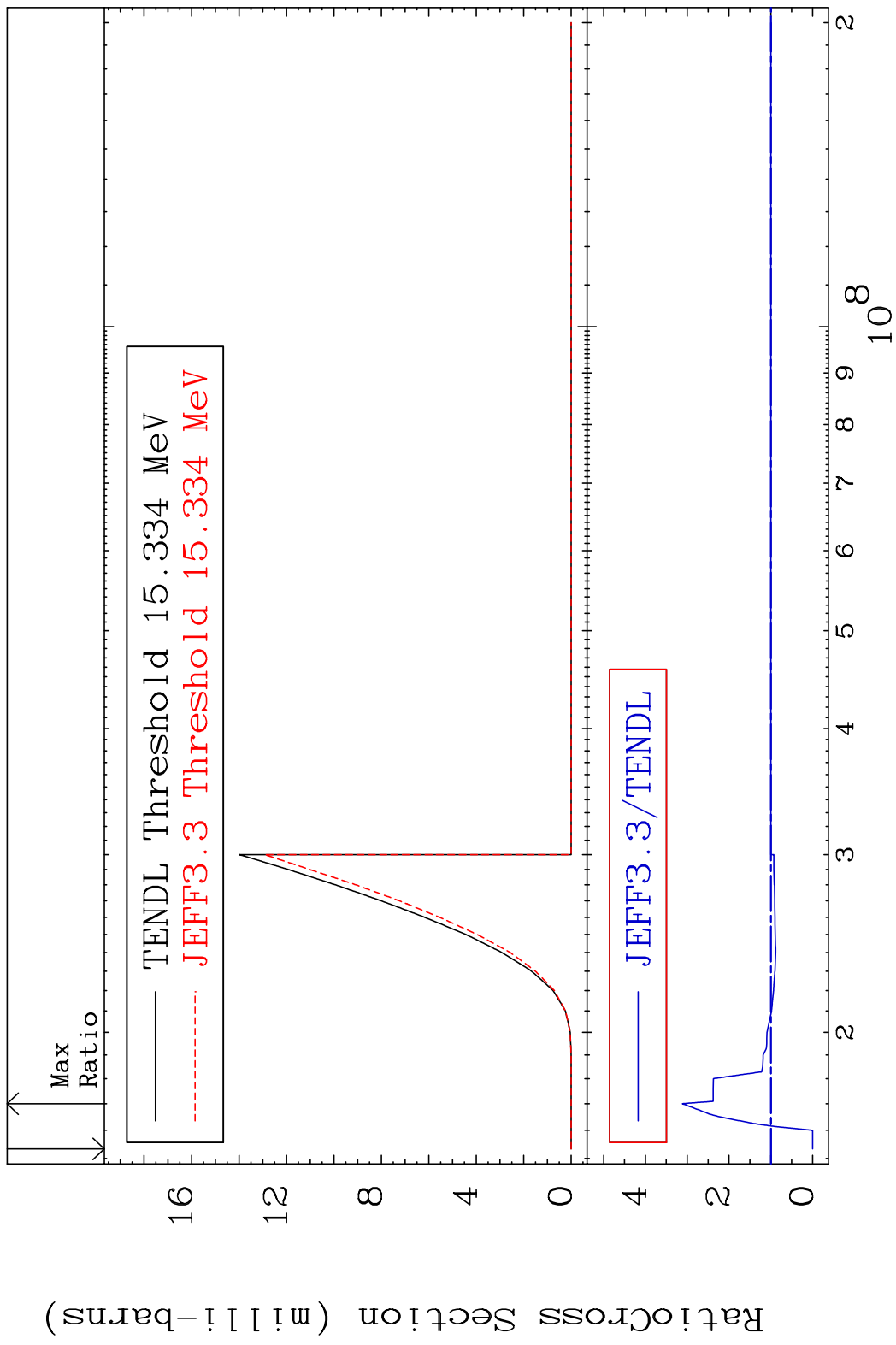


10

Incident Energy (eV)

36-Kr-83

MAT 3640 (n, n') d 36-Kr-83
 Cross Section -100.0 To 211.6 %

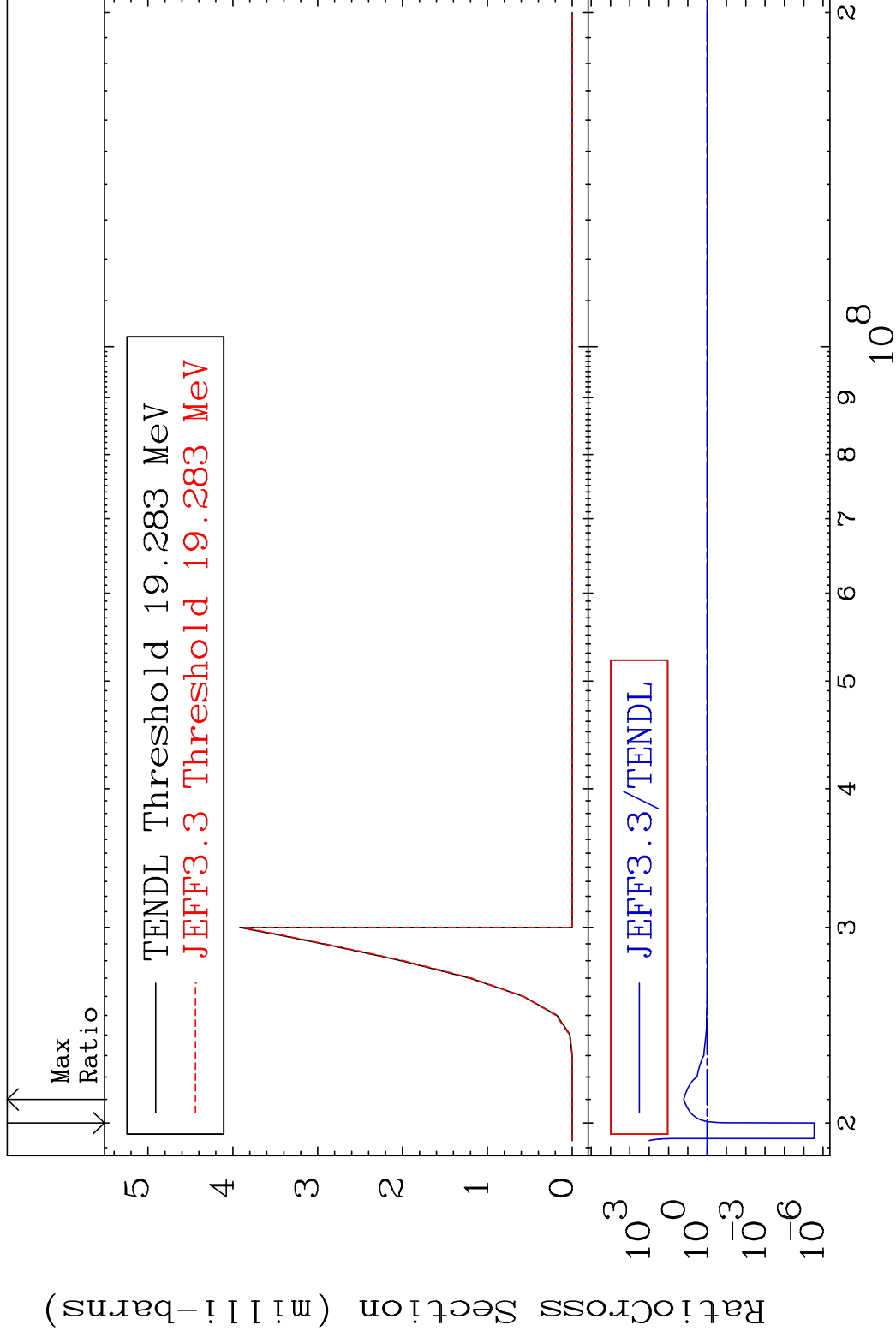


MAT 3640

(n, n') t

36-Kr-83

Cross Section -100.0 To 1545. %



12

Incident Energy (eV)

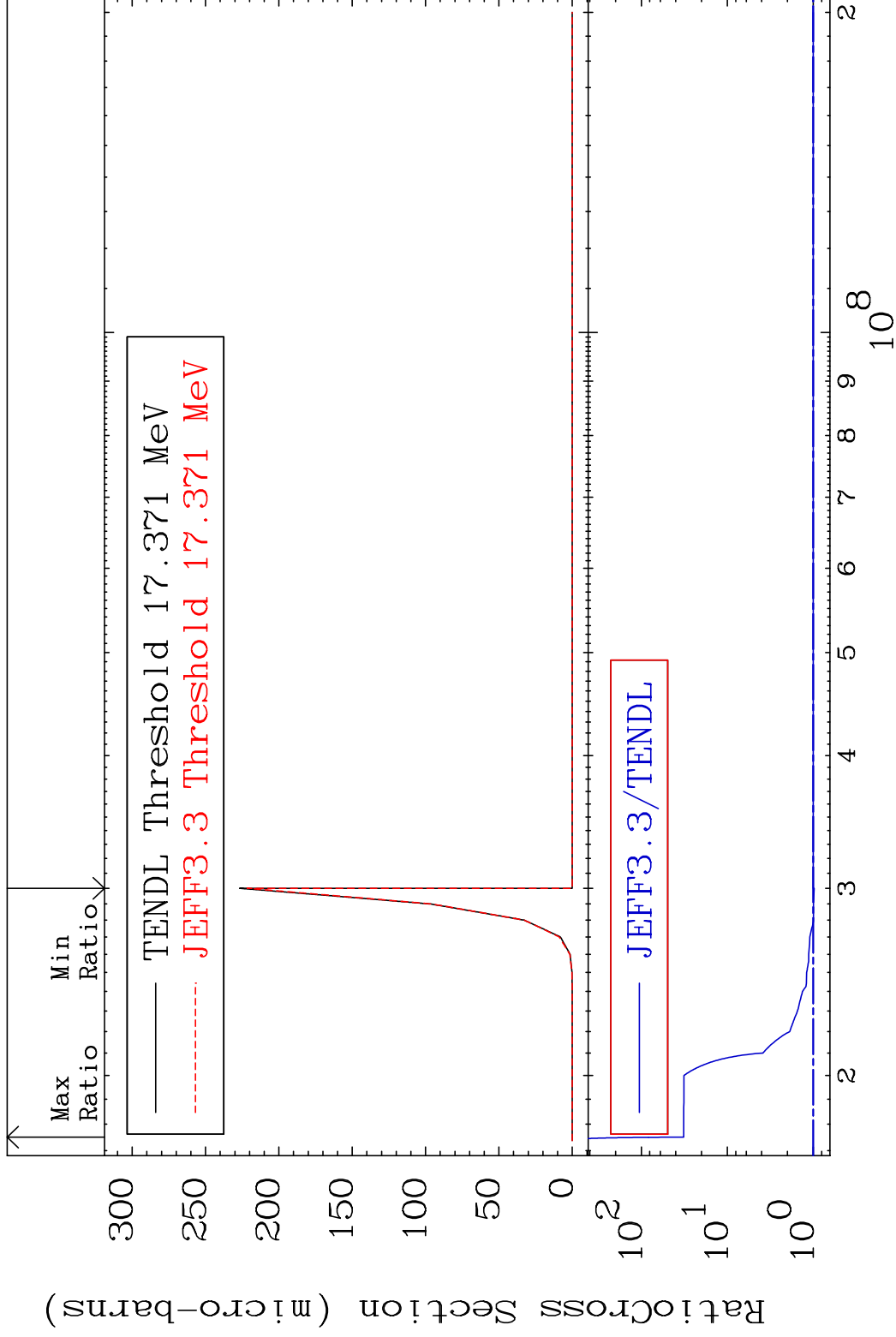
36-Kr-83

MAT 3640

(n,n') He-3

36-Kr-83

Cross Section -2.234 To 3125. %

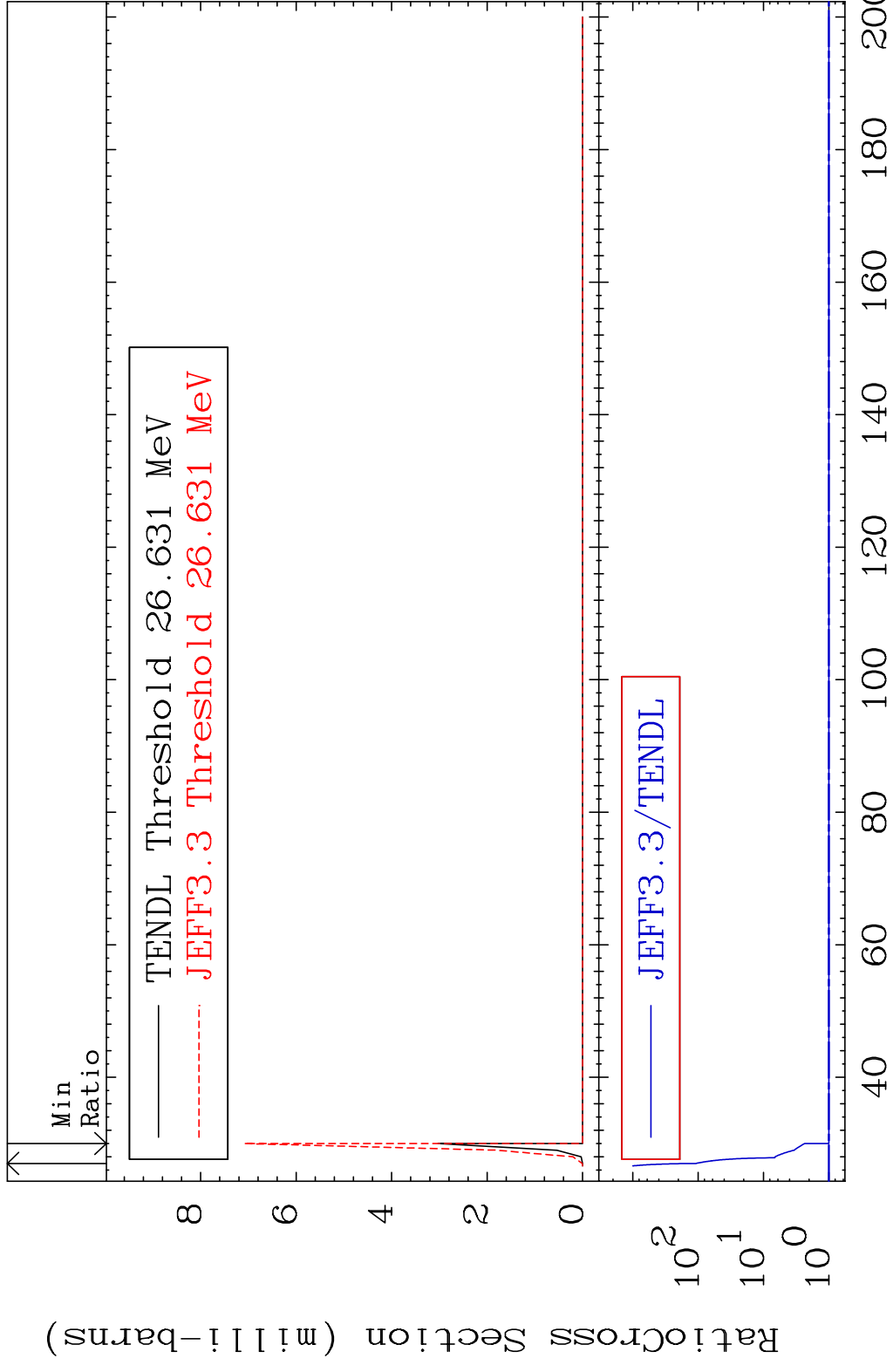


13

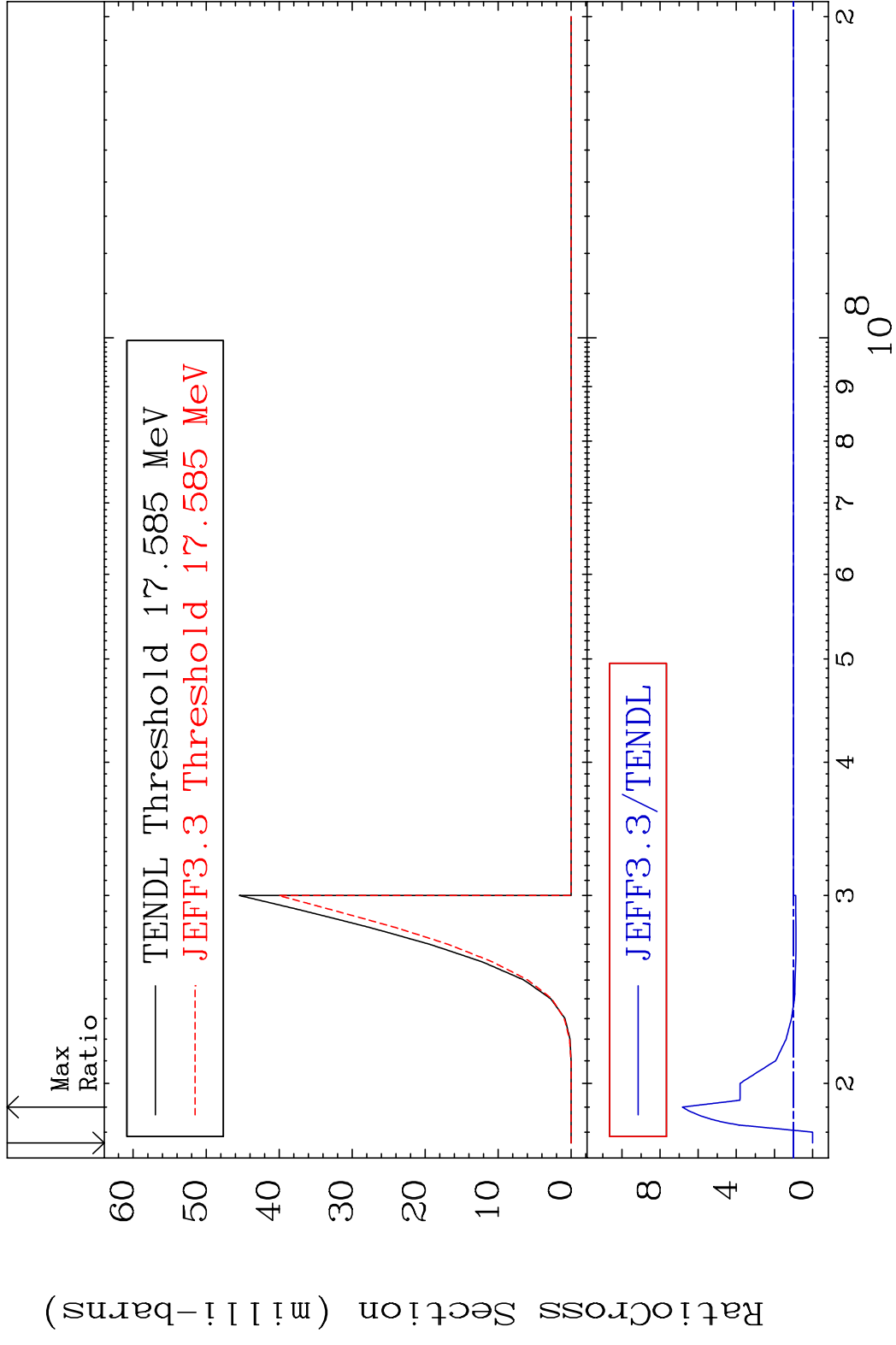
Incident Energy (eV)

36-Kr-83

MAT 3640 (n,4n) 36-Kr-83
 Cross Section 0.000 To 9999. %



MAT 3640 (n,2n) p 36-Kr-83
 Cross Section -100.0 To 583.1 %

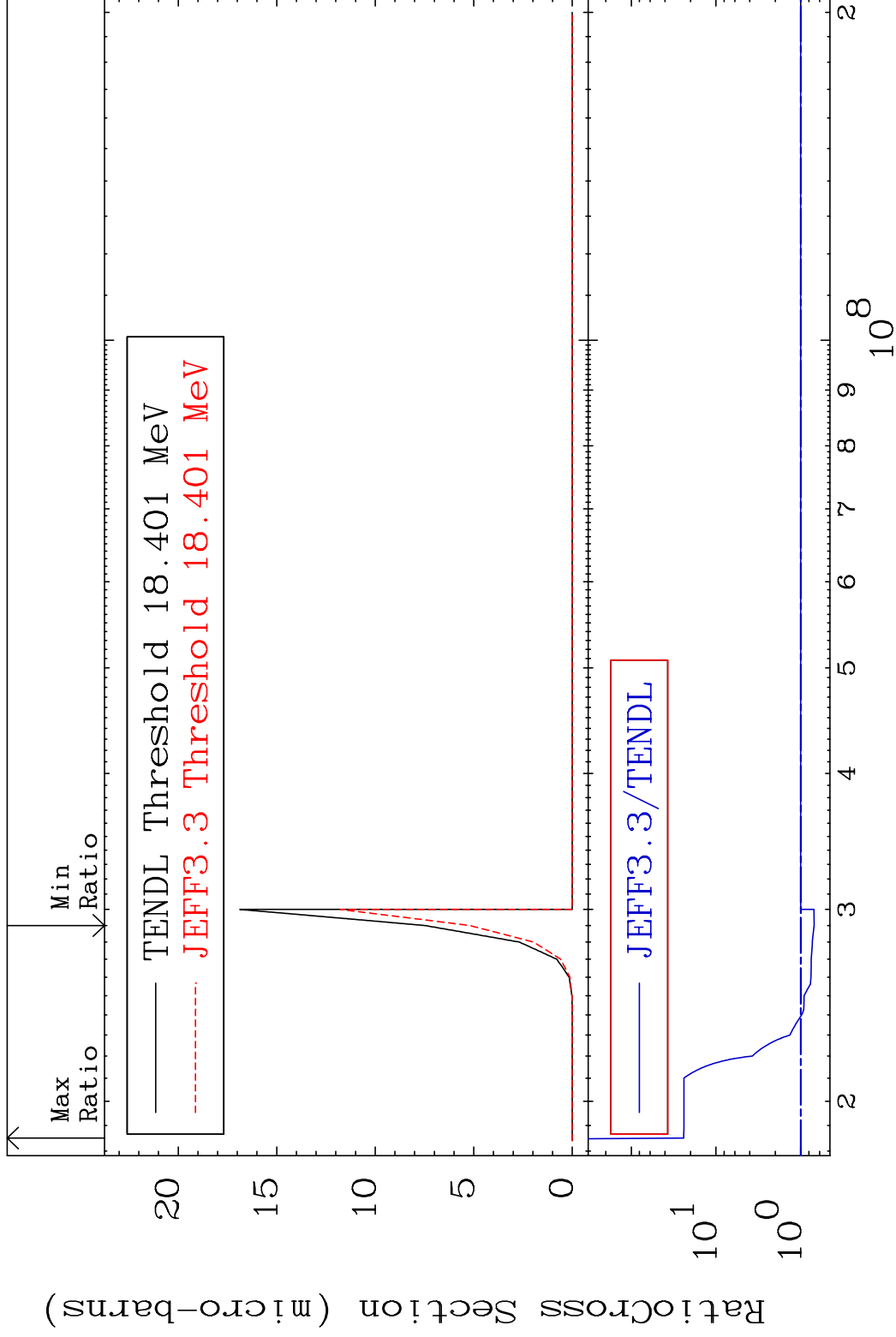


MAT 3640

(n,2n) p

36-Kr-83

Cross Section -30.38 To 2309. %



16

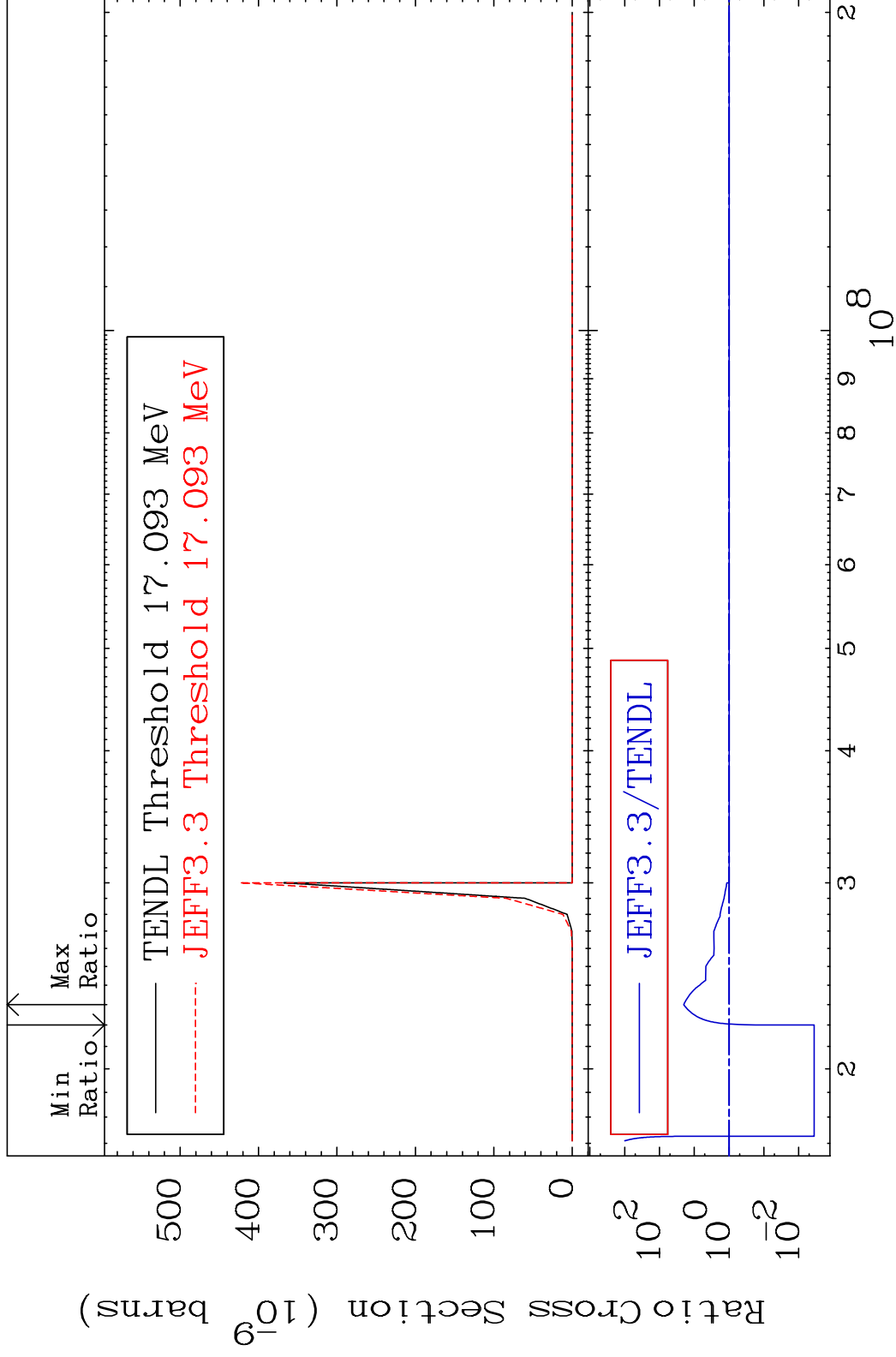
Incident Energy (eV)

36-Kr-83

MAT 3640

(n,n') p α 36-Kr-83

Cross Section -99.64 To 1921. %

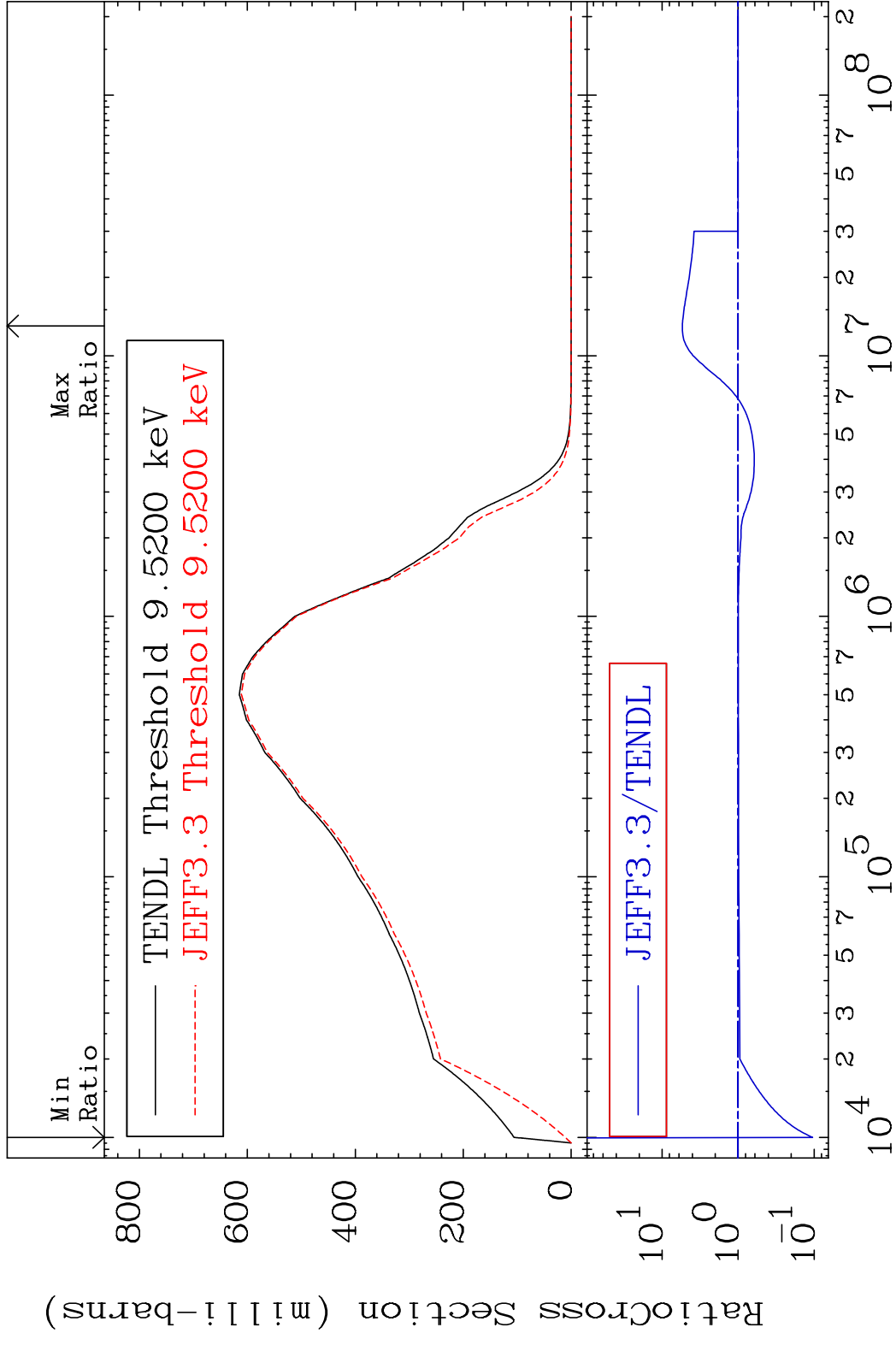


17

Incident Energy (eV)

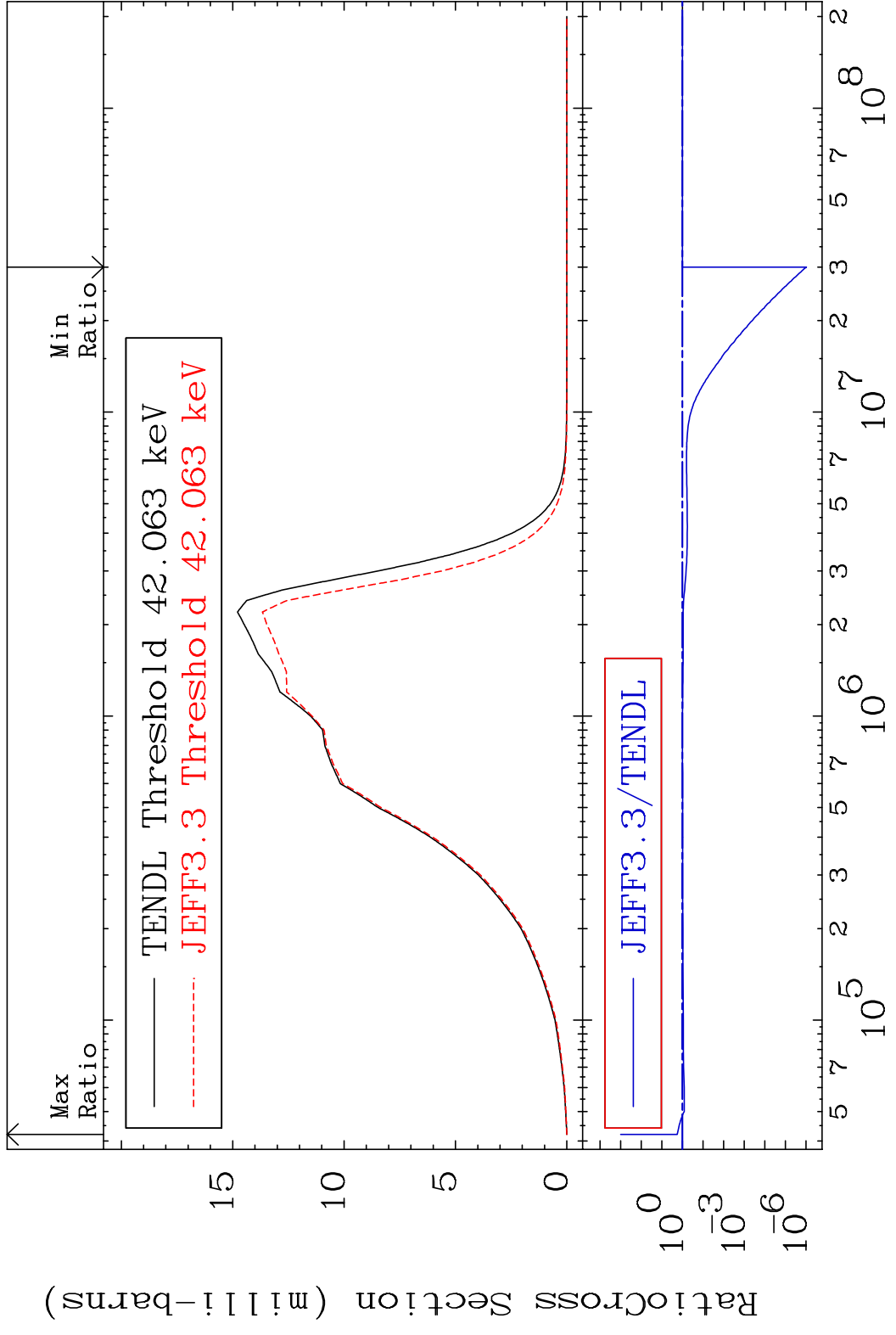
36-Kr-83

MAT 3640 MT= 51 (n, n') Level 36-Kr-83
 Cross Section -89.51 To 441.9 %

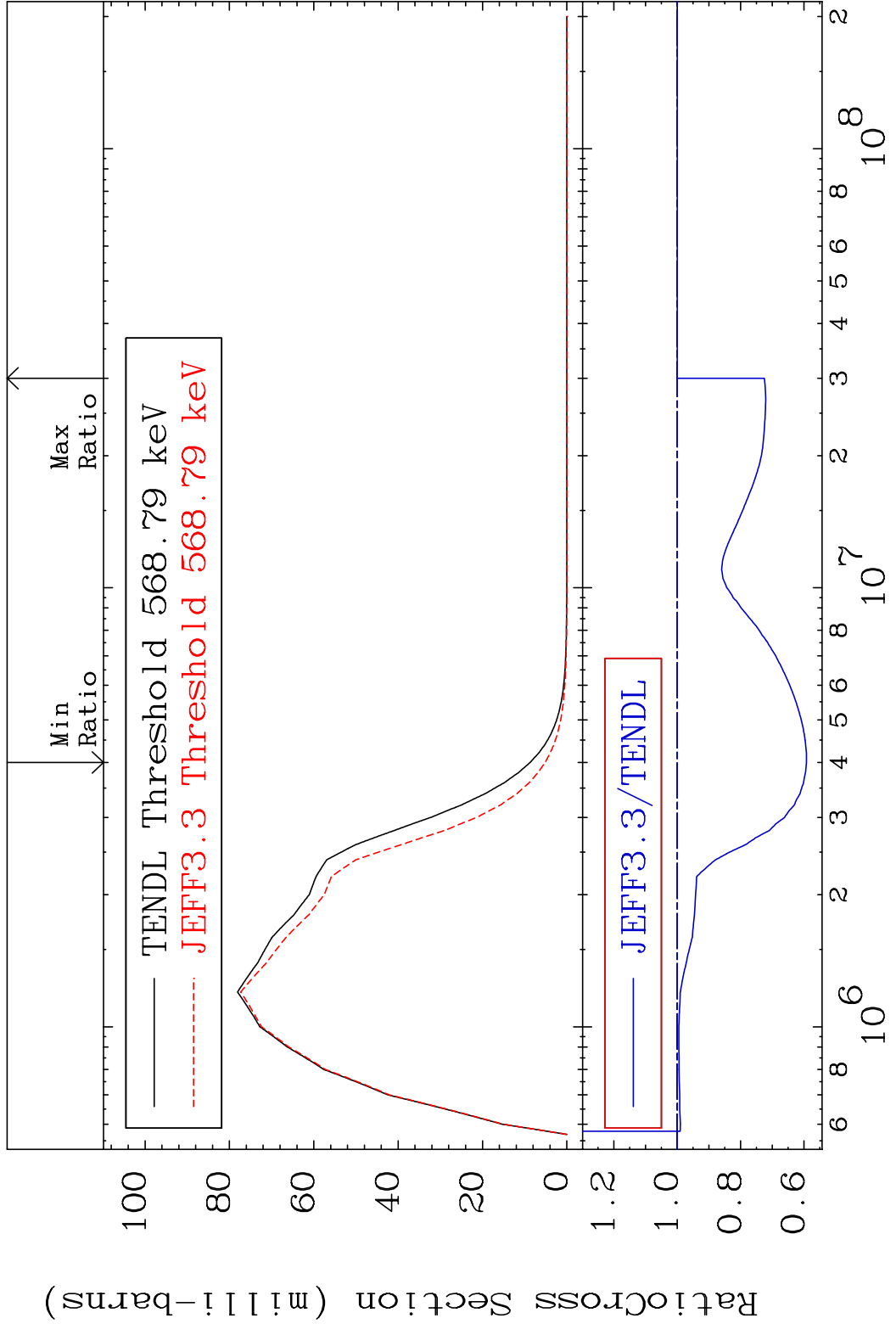


18 Incident Energy (eV) 36-Kr-83

MAT 3640 MT= 52 (n, n') Level 36-Kr-83
 Cross Section -100.0 To 80.58 %

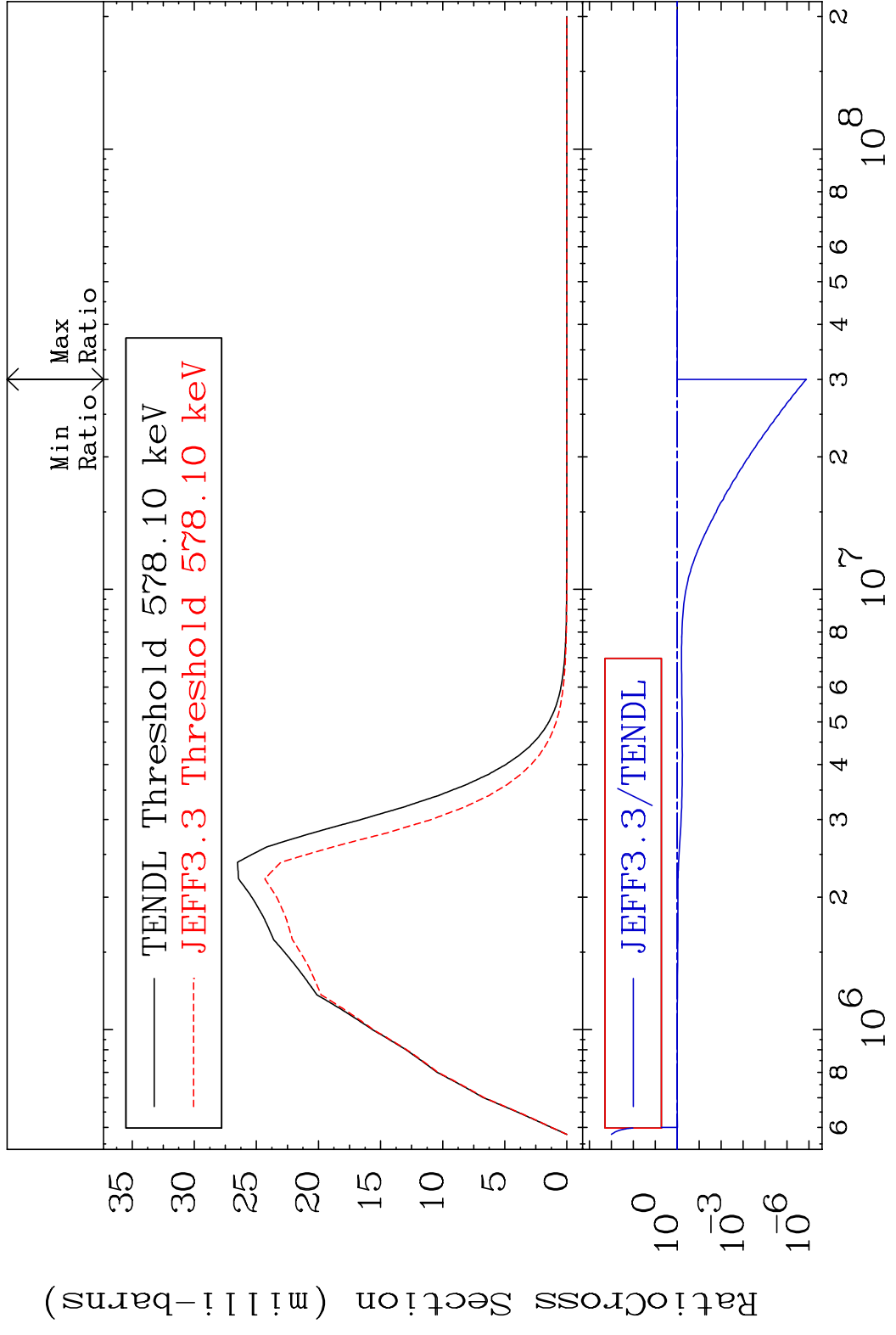


MAT 3640 MT= 53 (n, n') Level 36-Kr-83
 Cross Section -40.80 To 0.000 %

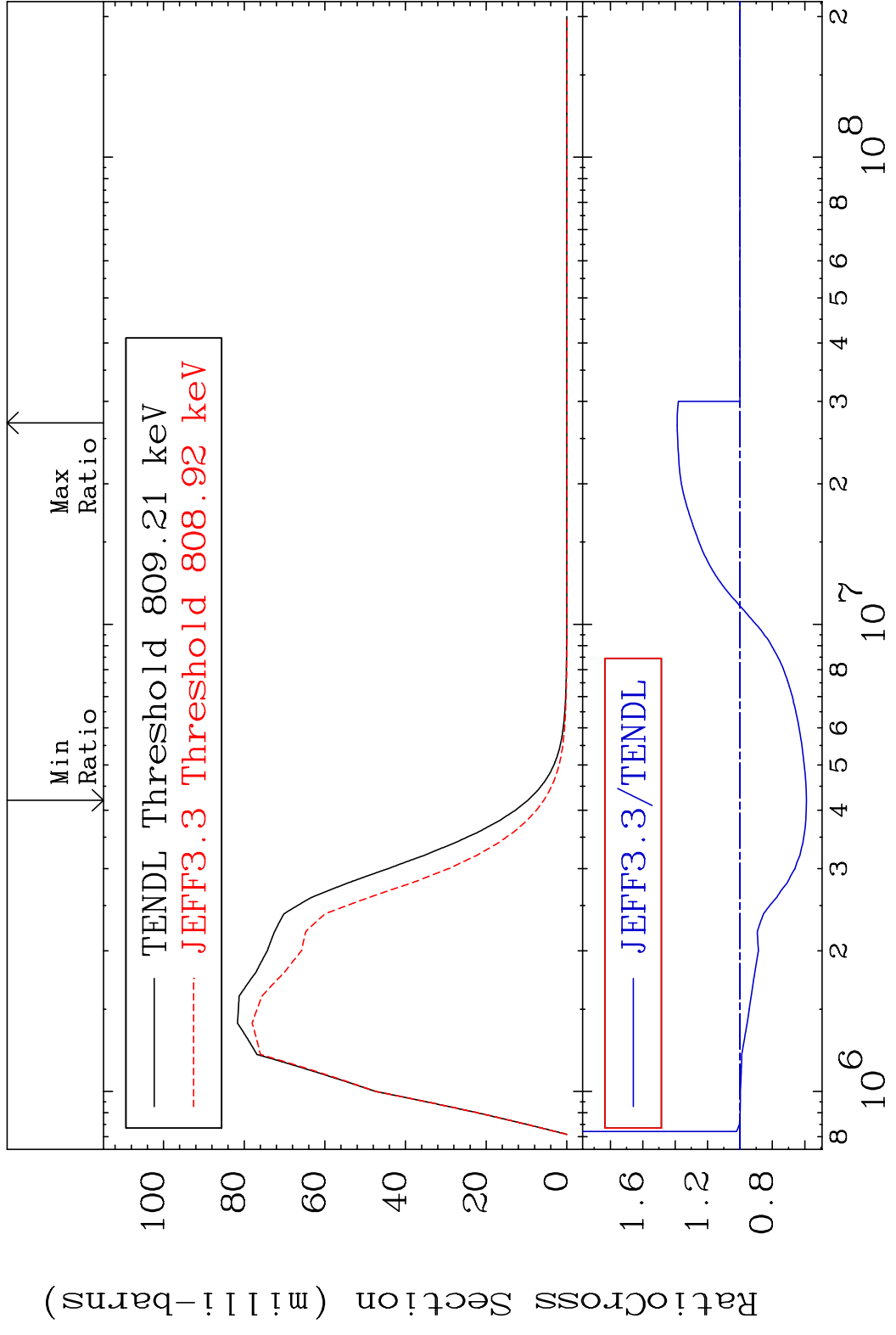


20 Incident Energy (eV) 36-Kr-83

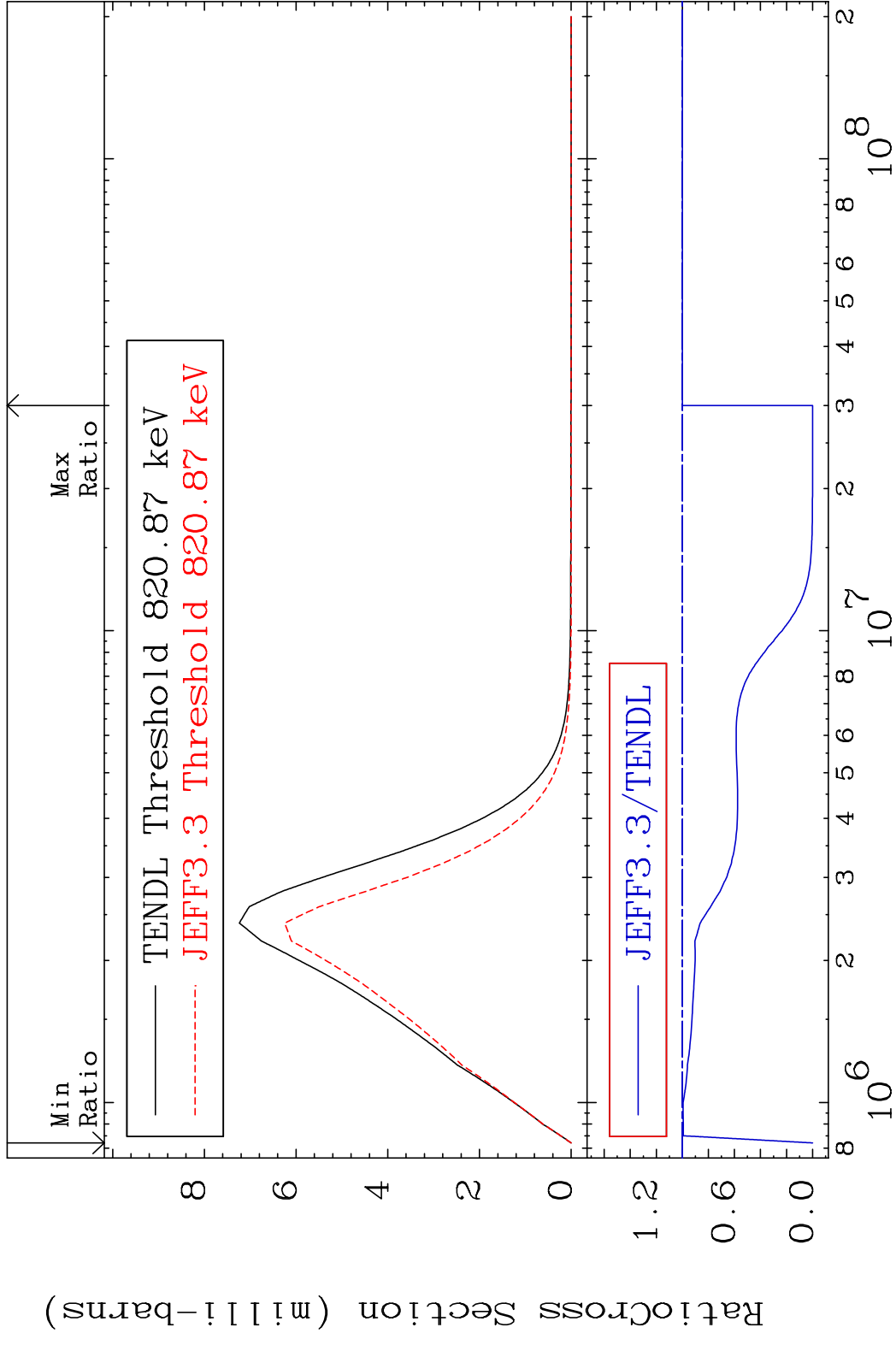
MAT 3640 MT= 54 (n, n') Level 36-Kr-83
 Cross Section -100.0 To 0.000 %



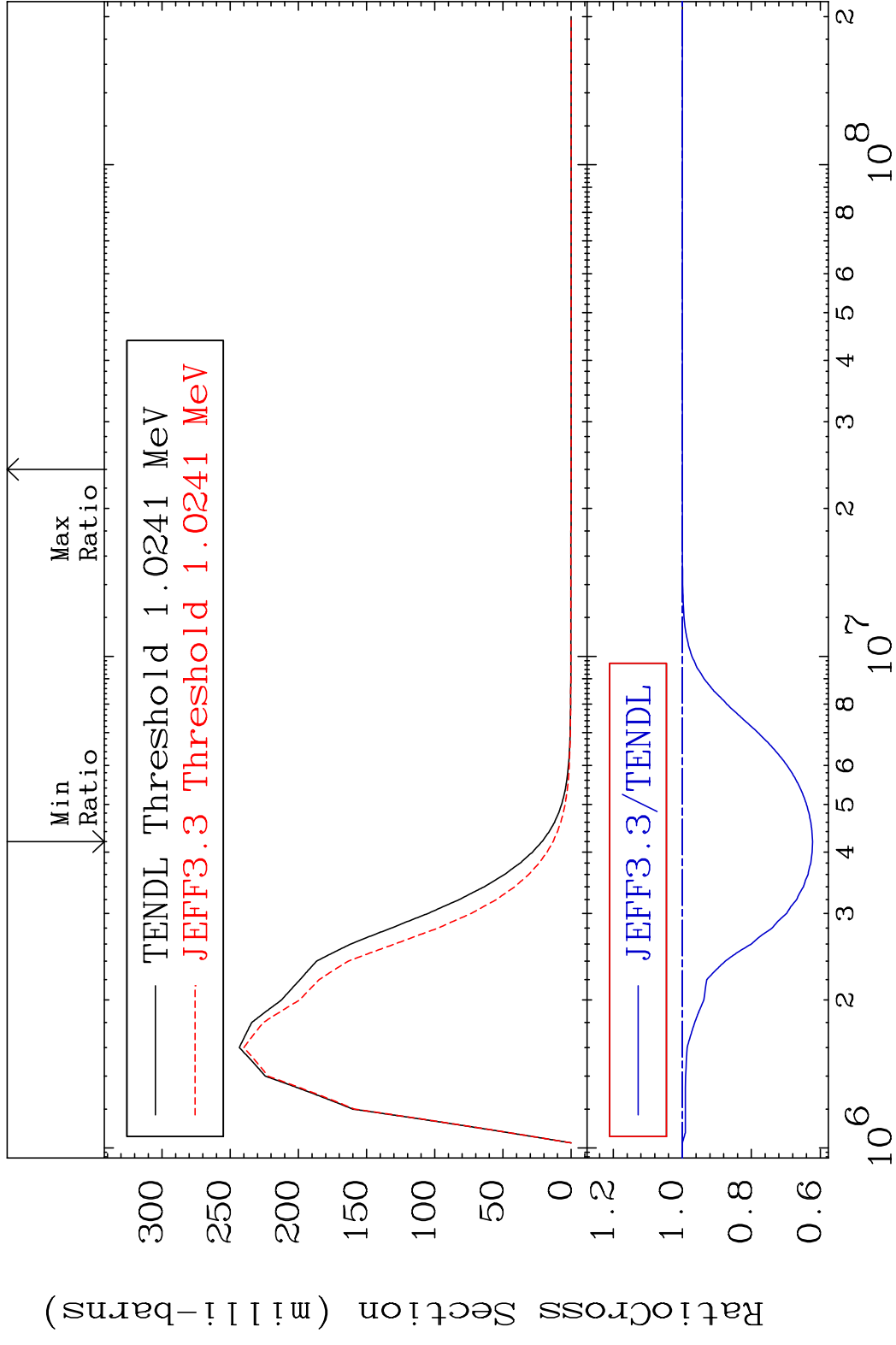
MAT 3640 MT= 56 (n, n') Level 36-Kr-83
 Cross Section -41.01 To 38.75 %



MAT 3640 MT= 57 (n, n') Level 36-Kr-83
 Cross Section -100.0 To 0.000 %

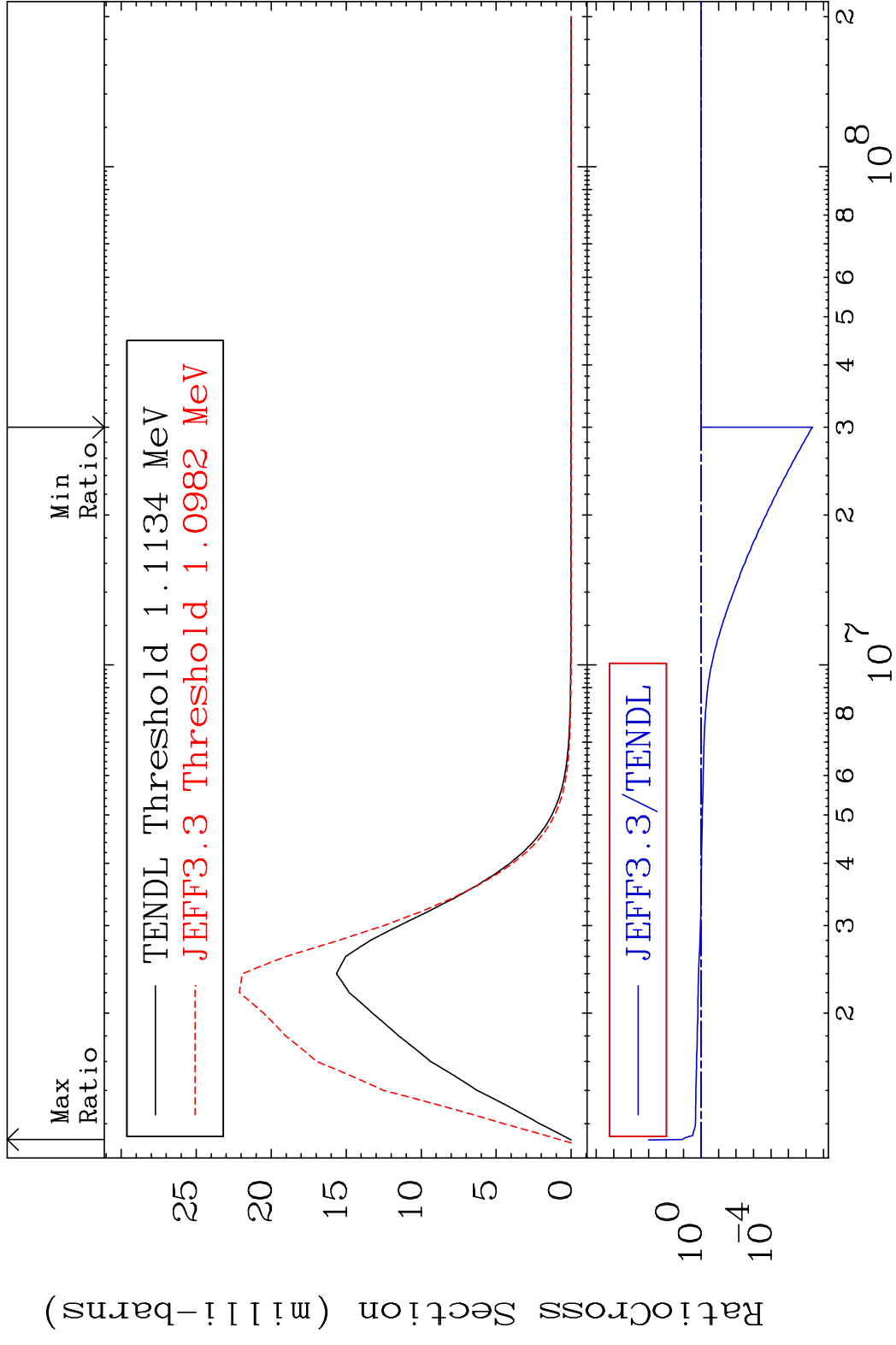


MAT 3640 MT= 58 (n, n') Level 36-Kr-83
 Cross Section -37.75 To 0.000 %

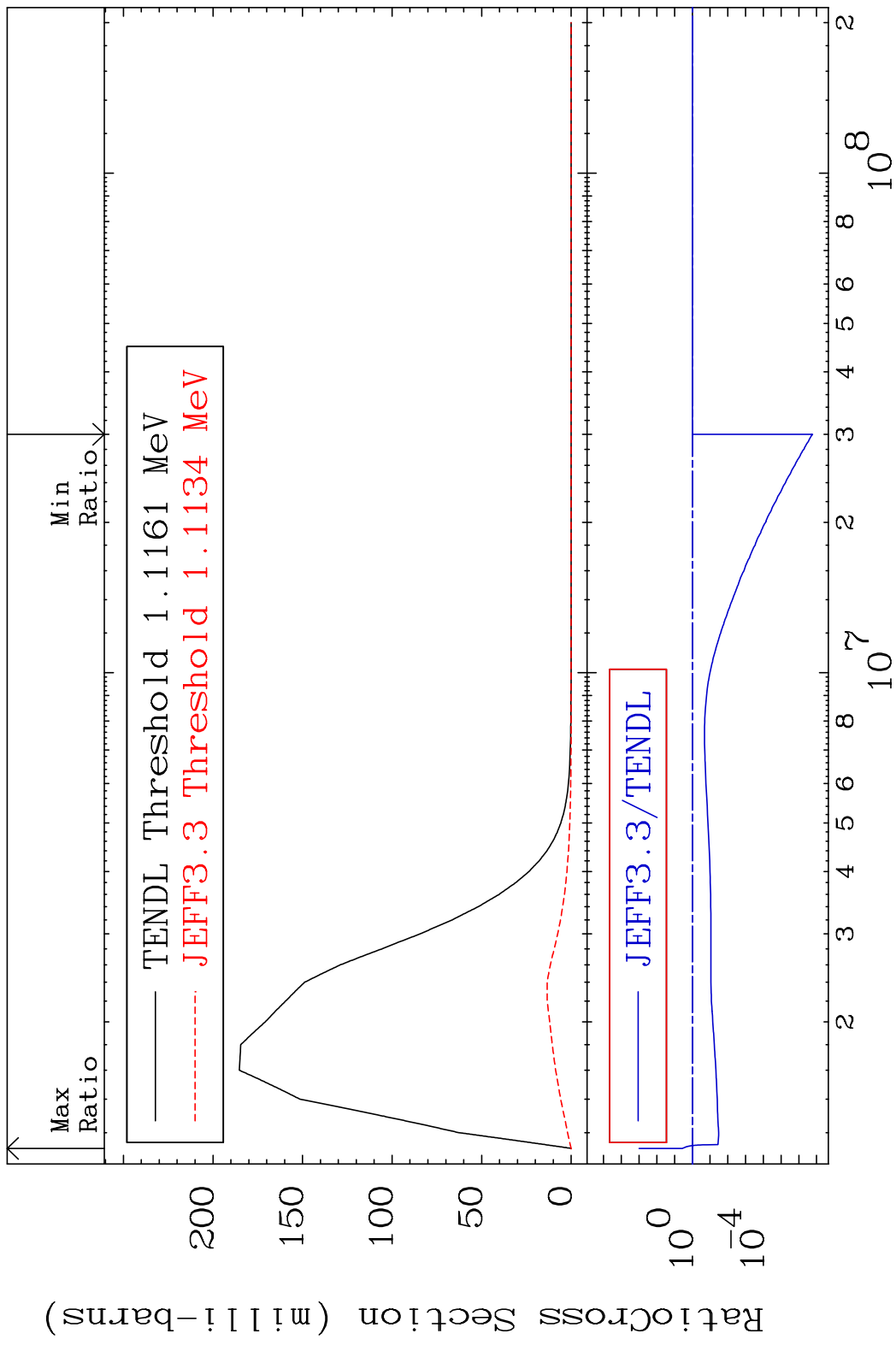


25 Incident Energy (eV) 36-Kr-83

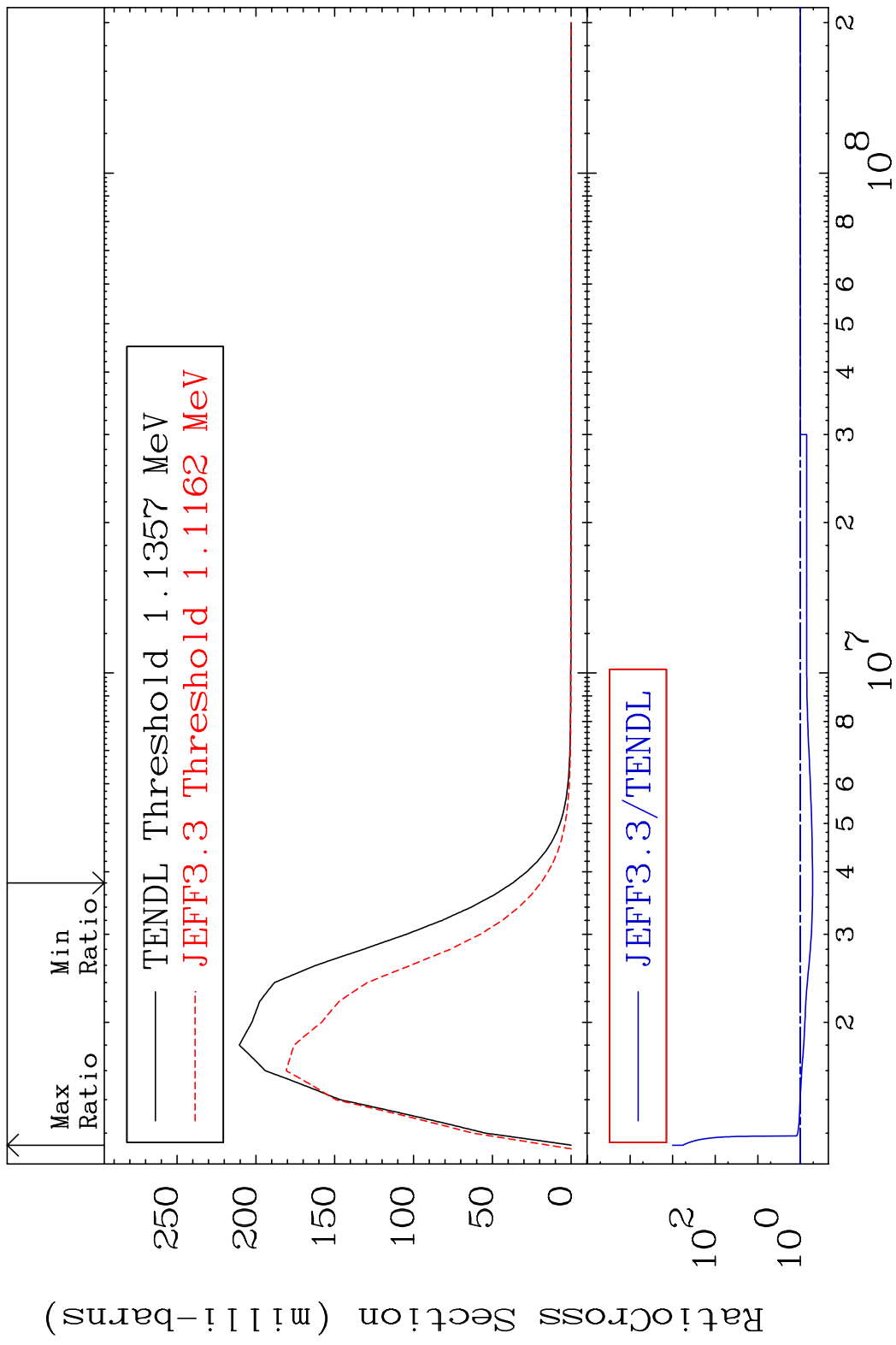
MAT 3640 MT= 59 (n, n') Level 36-Kr-83
 Cross Section -100.0 To 1081. %



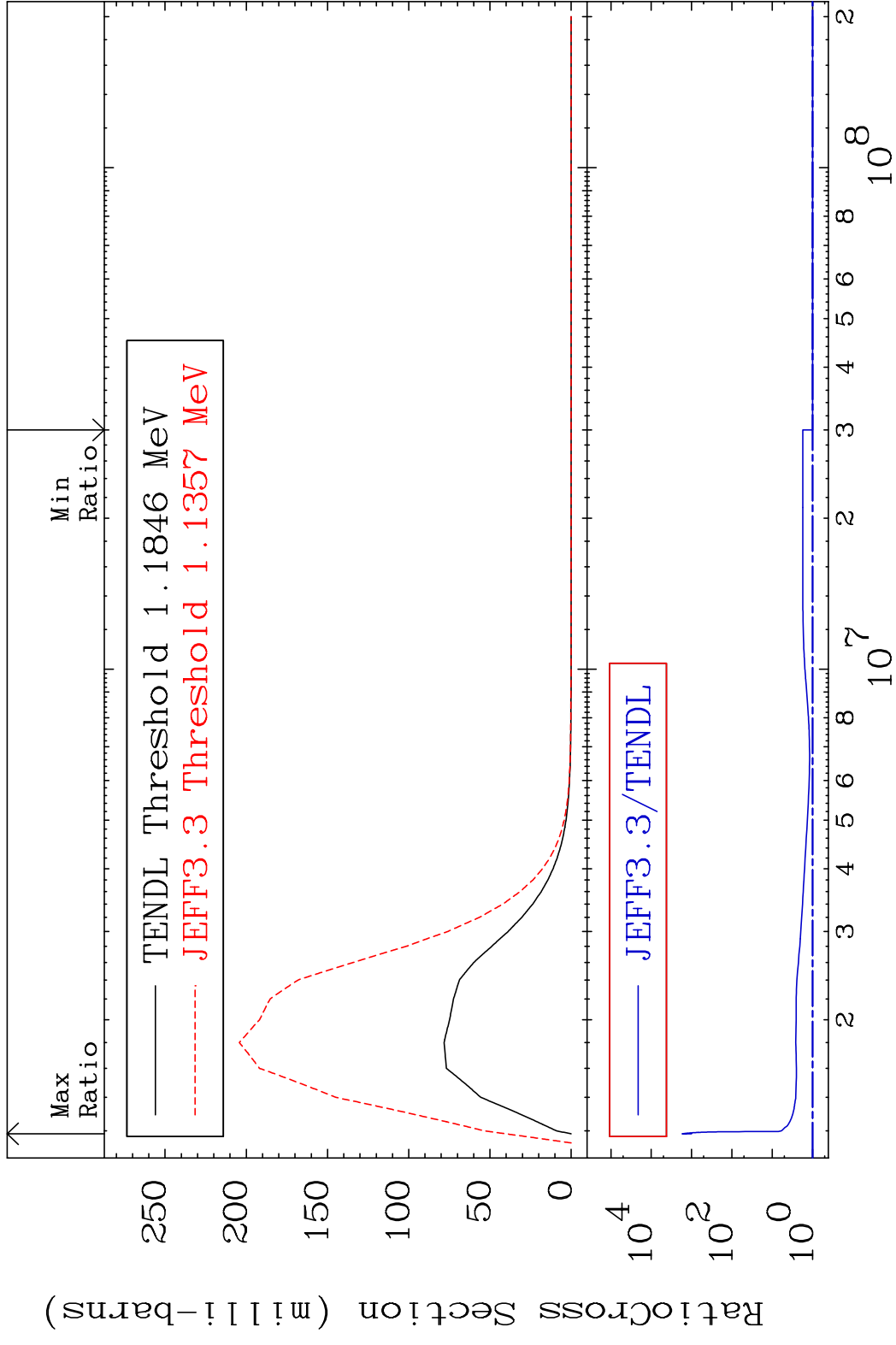
MAT 3640 MT= 60 (n, n') Level 36-Kr-83
 Cross Section -100.0 To 264.7 %



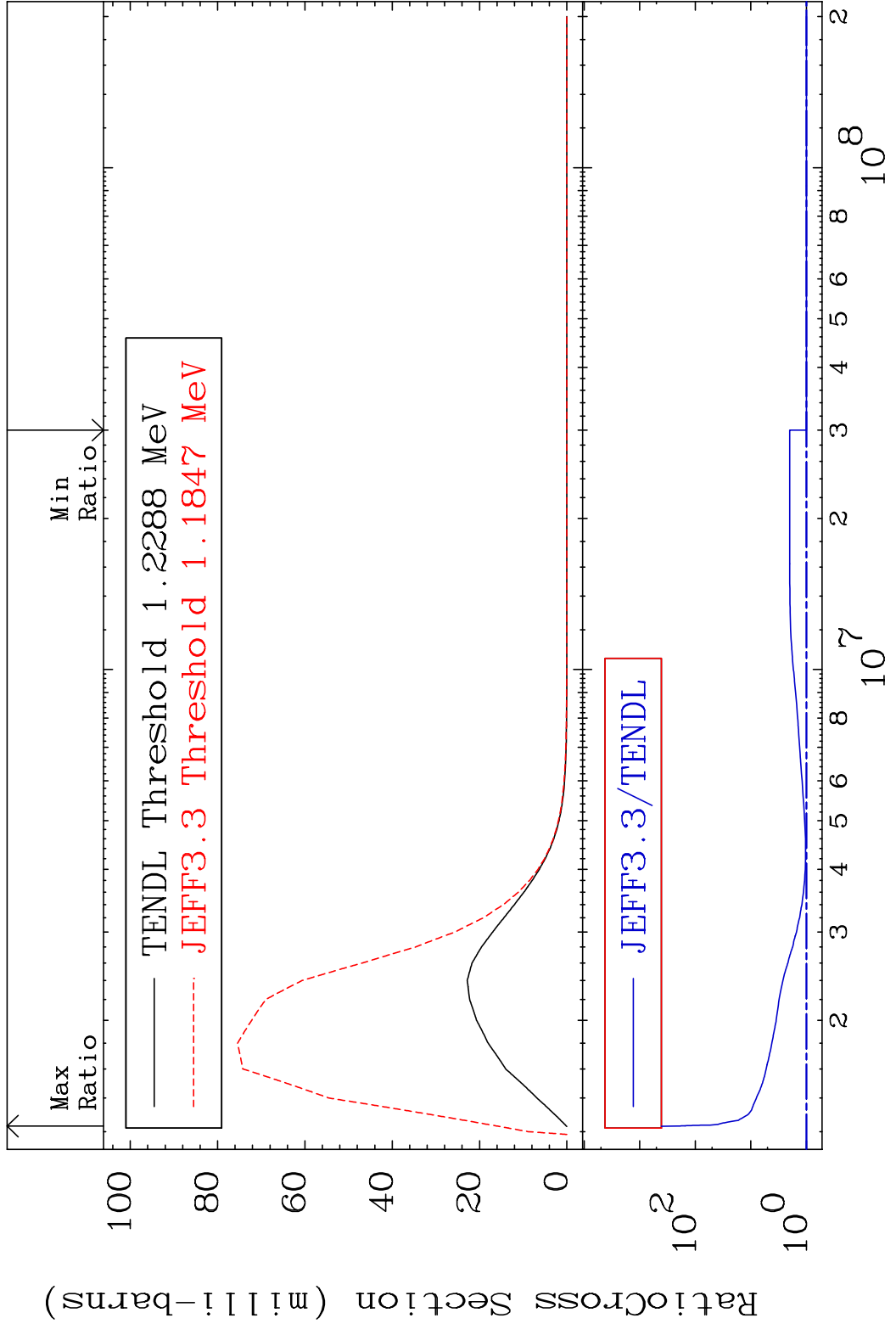
MAT 3640 MT= 61 (n, n') Level 36-Kr-83
 Cross Section -48.21 To 9999. %



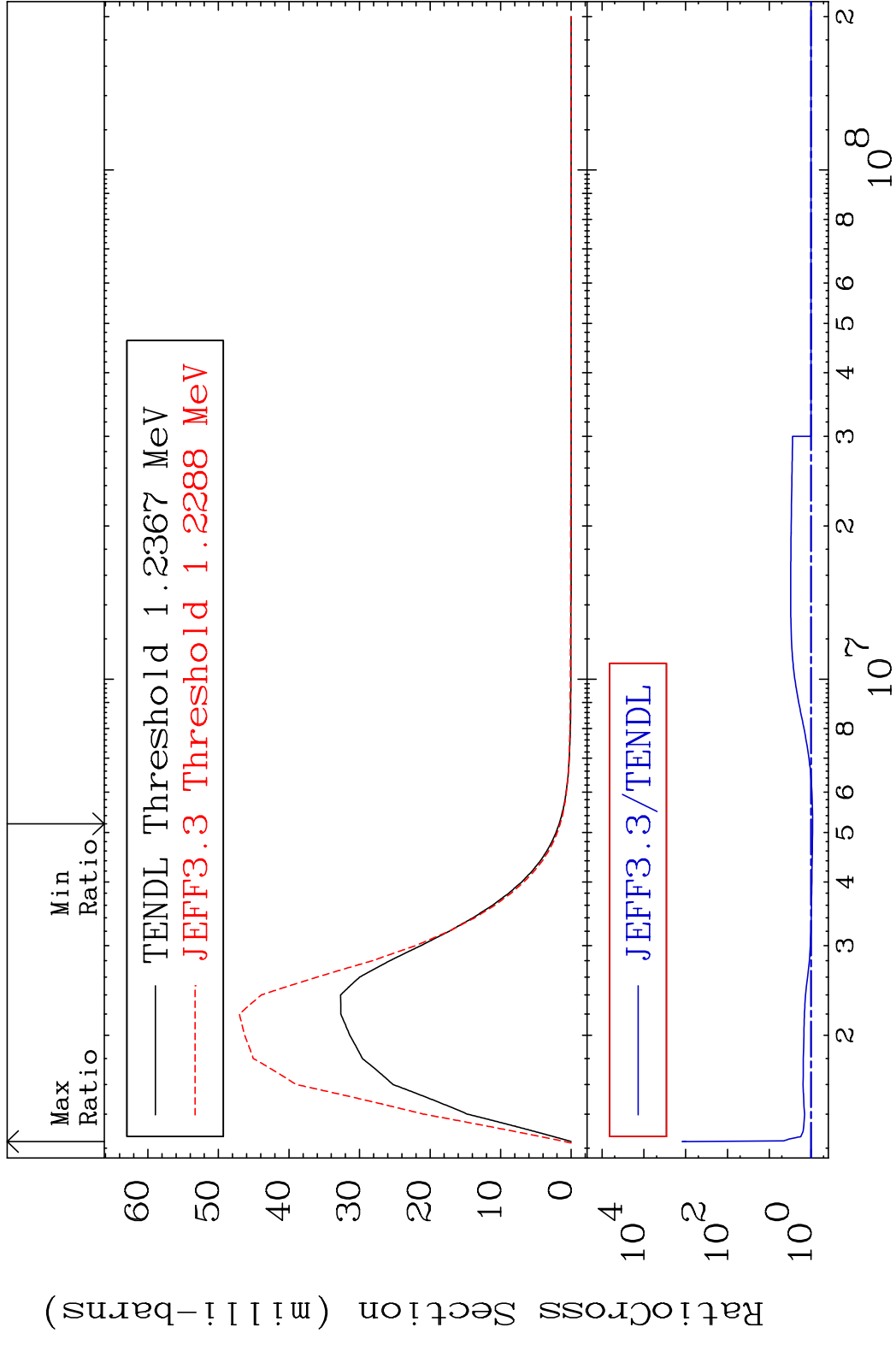
MAT 3640 MT= 62 (n, n') Level 36-Kr-83
 Cross Section 0.000 To 9999. %



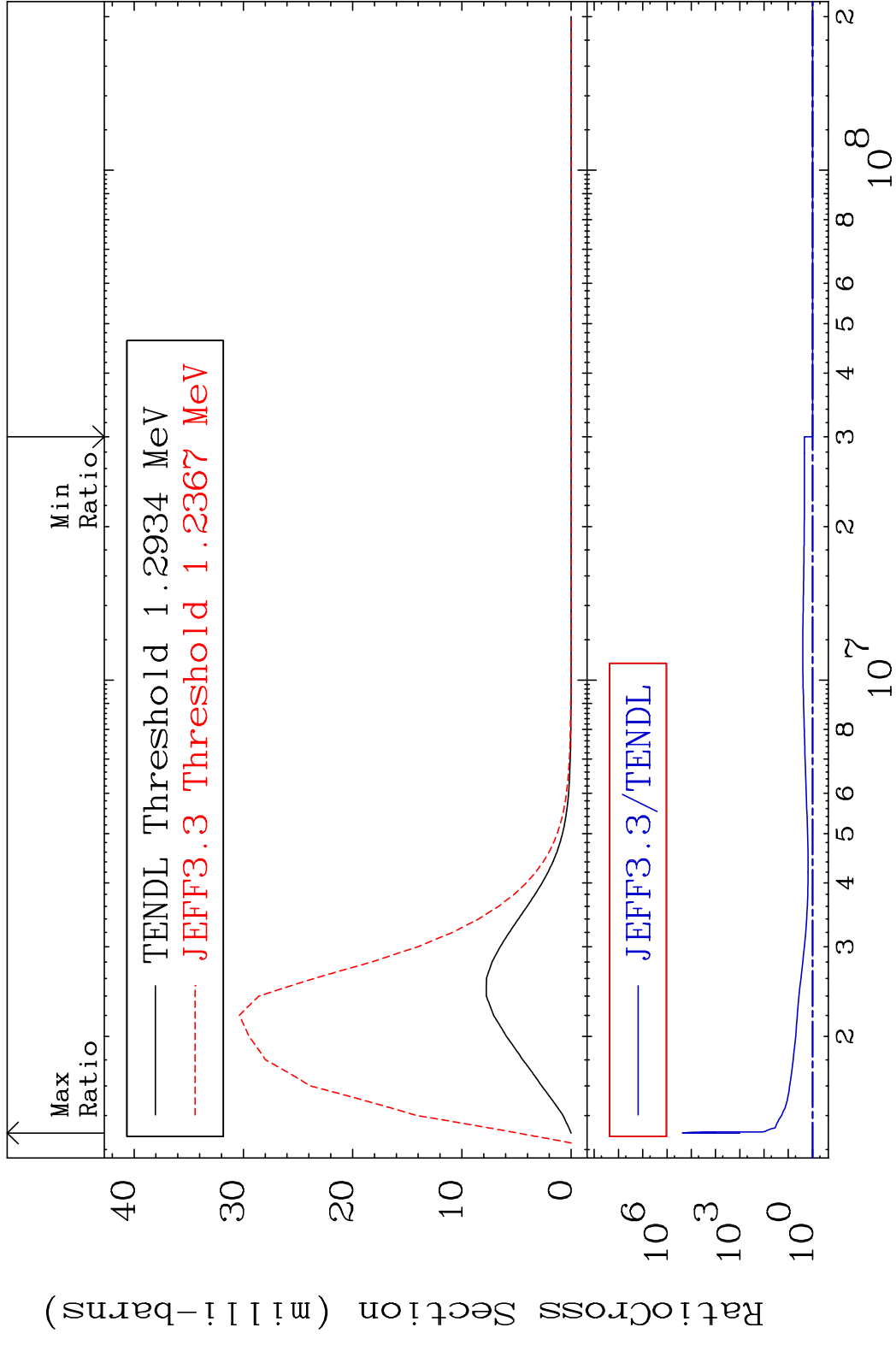
MAT 3640 MT= 63 (n, n') Level 36-Kr-83
 Cross Section 0.000 To 9999. %



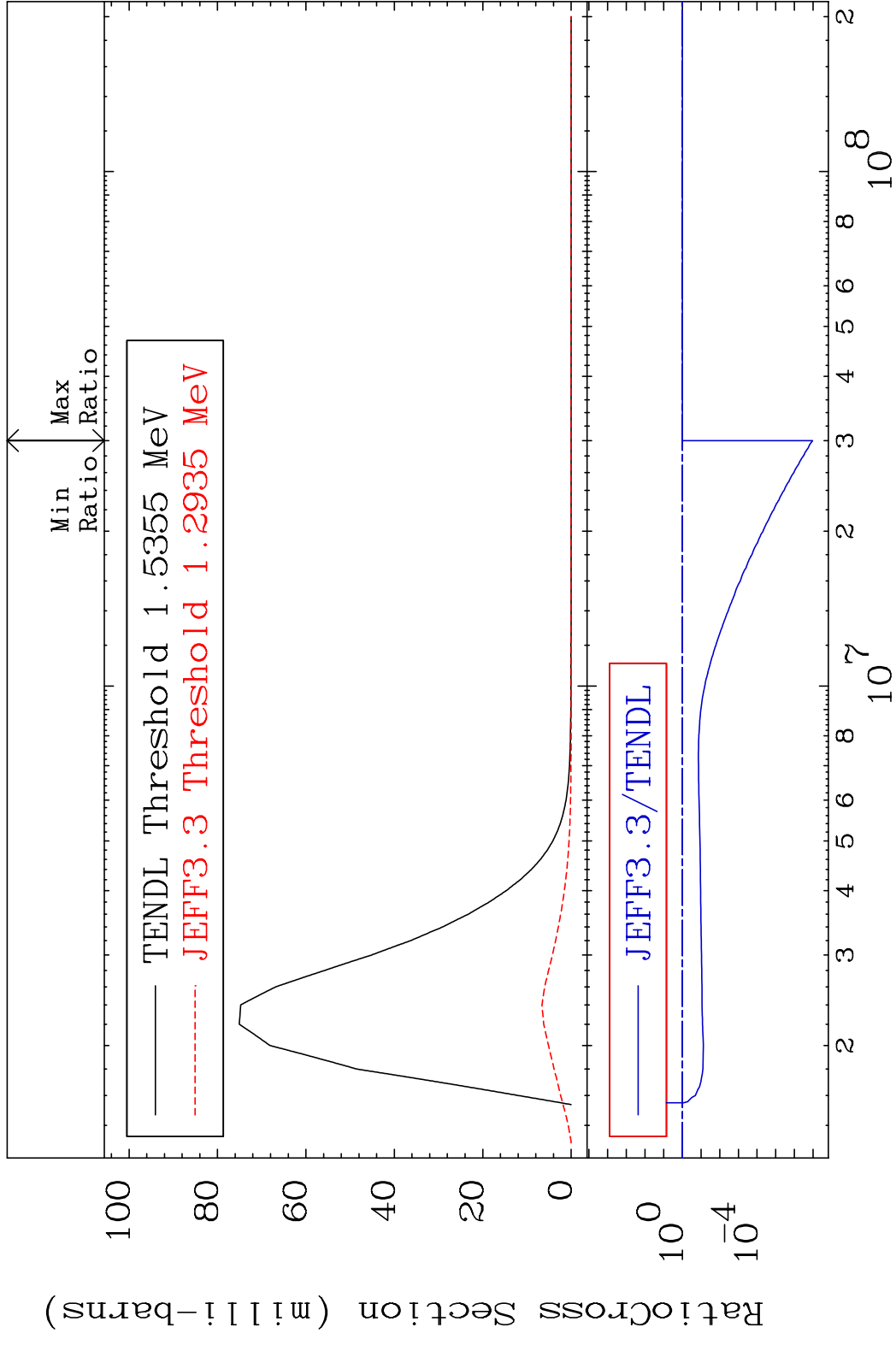
MAT 3640 MT= 64 (n, n') Level 36-Kr-83
 Cross Section -8.396 To 9999. %



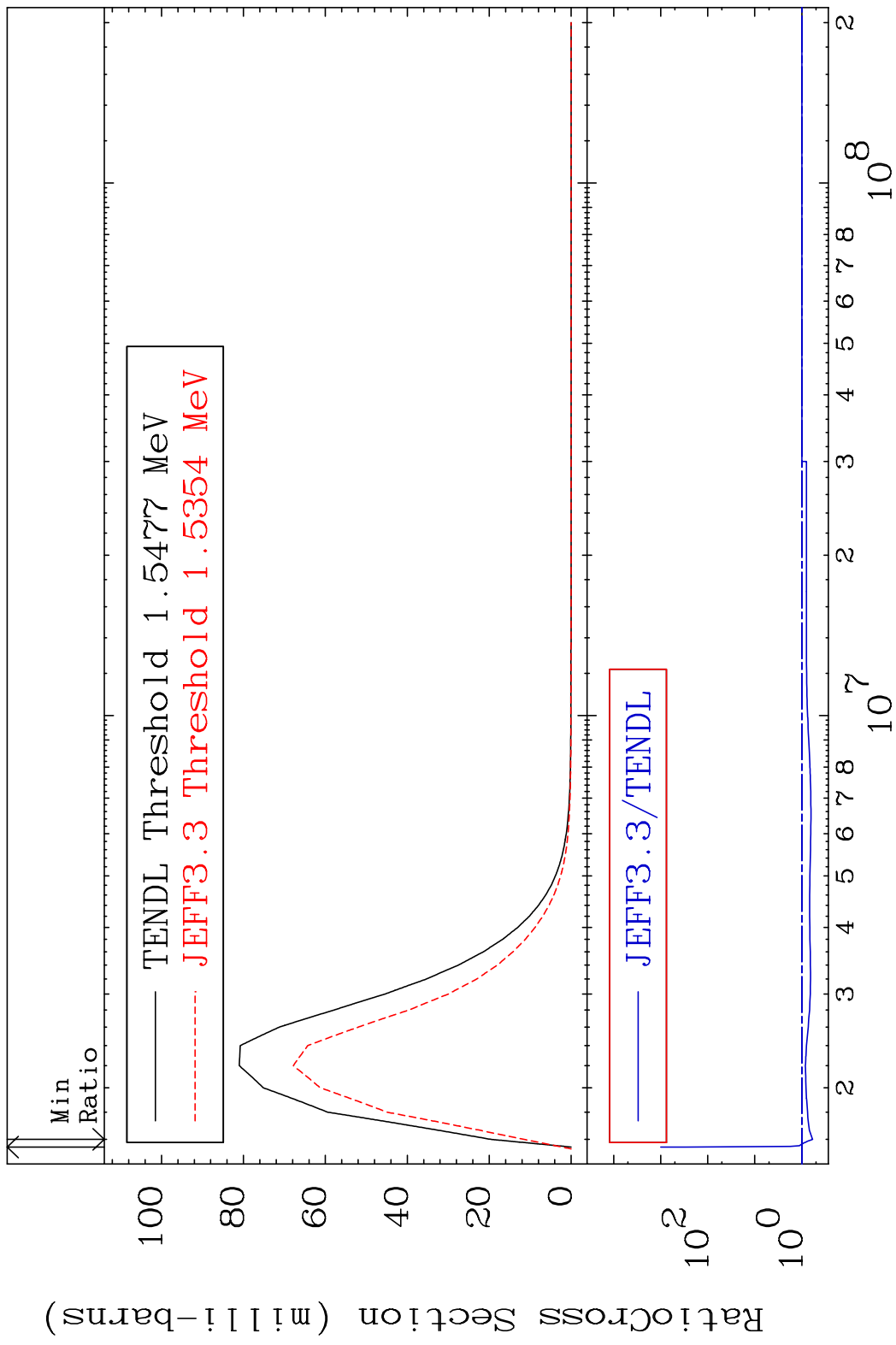
MAT 3640 MT= 65 (n, n') Level 36-Kr-83
 Cross Section 0.000 To 9999. %



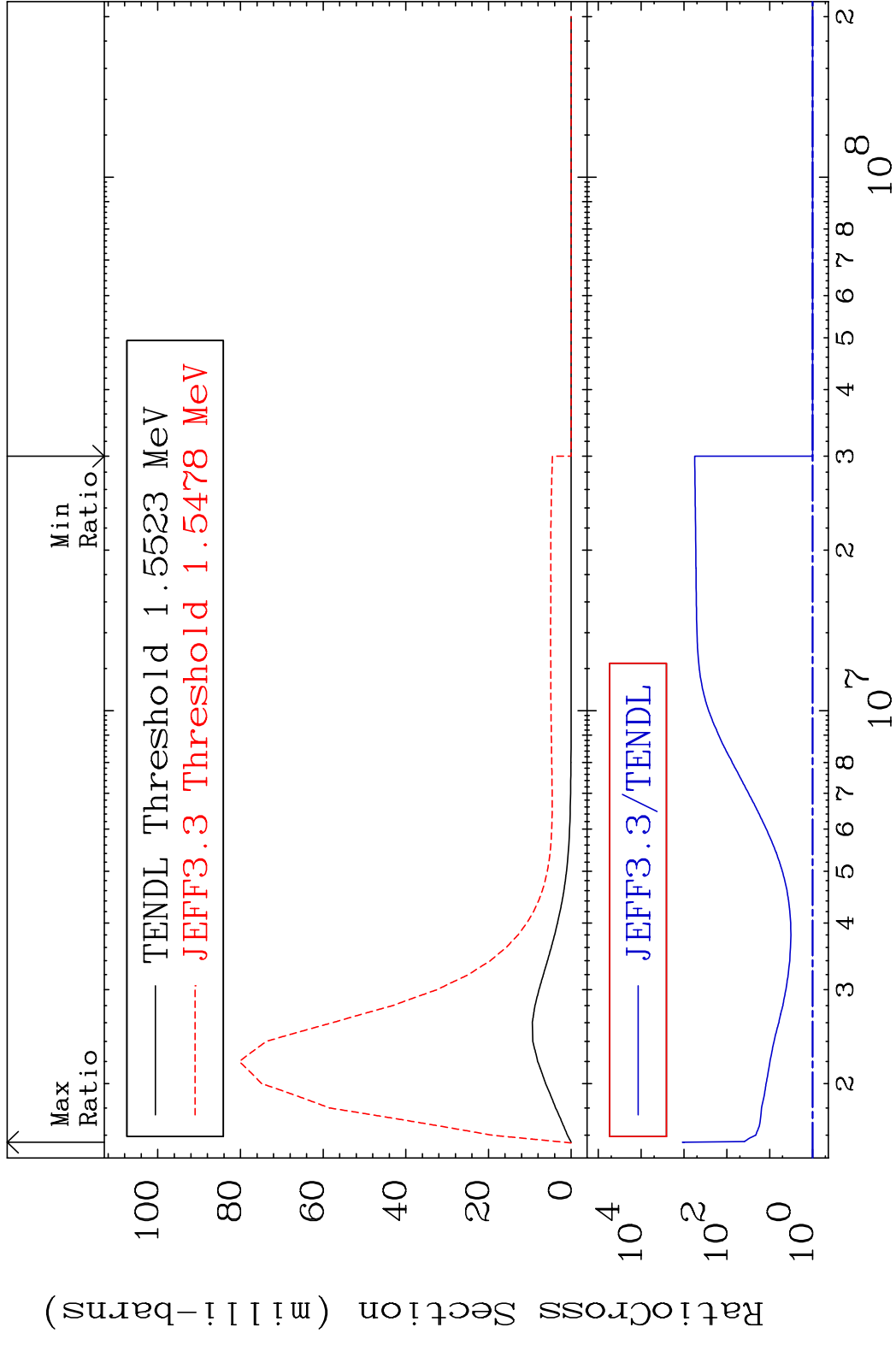
MAT 3640 MT= 66 (n, n') Level 36-Kr-83
 Cross Section -100.0 To 0.000 %



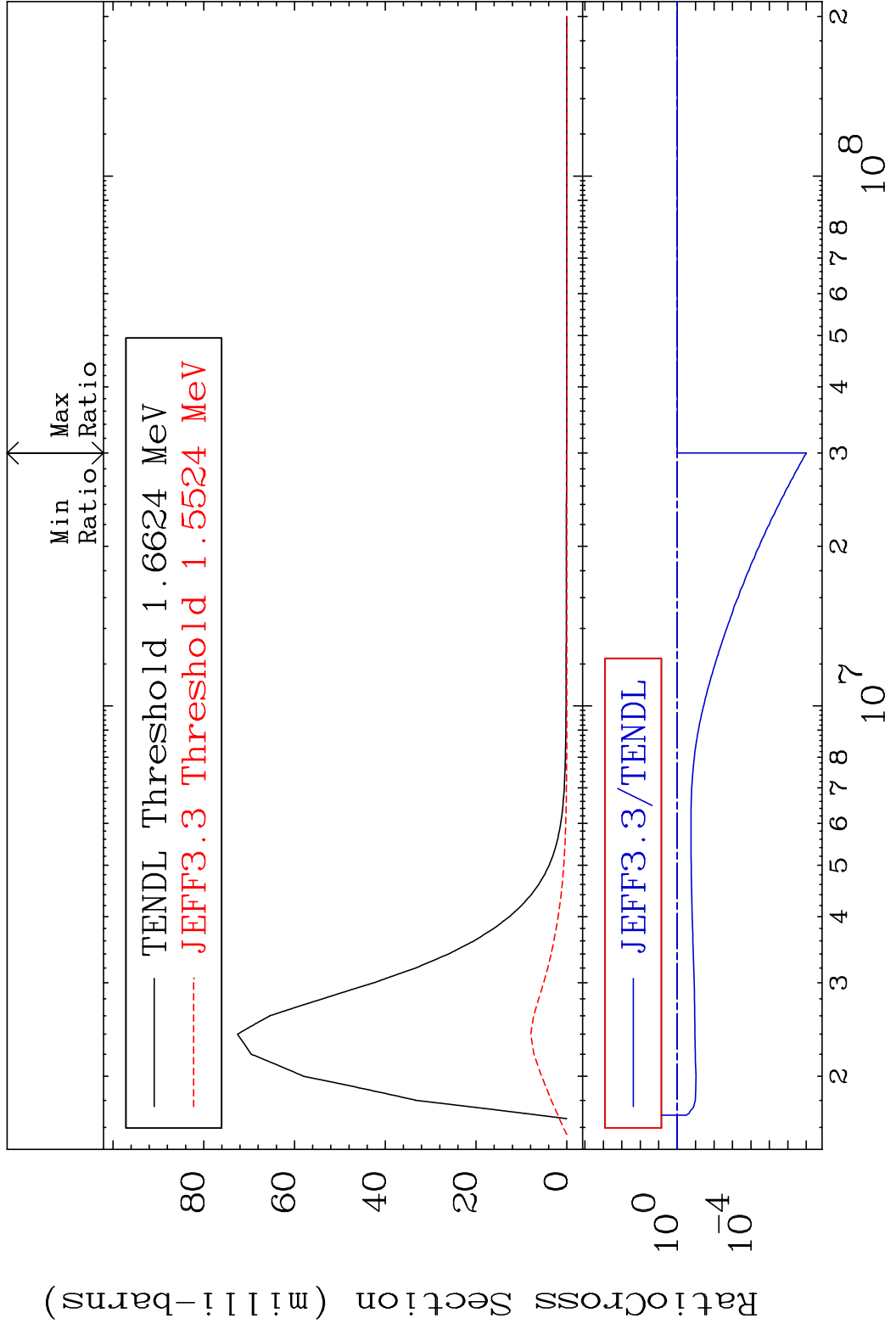
MAT 3640 MT= 67 (n, n') Level 36-Kr-83
 Cross Section -41.00 To 9999. %



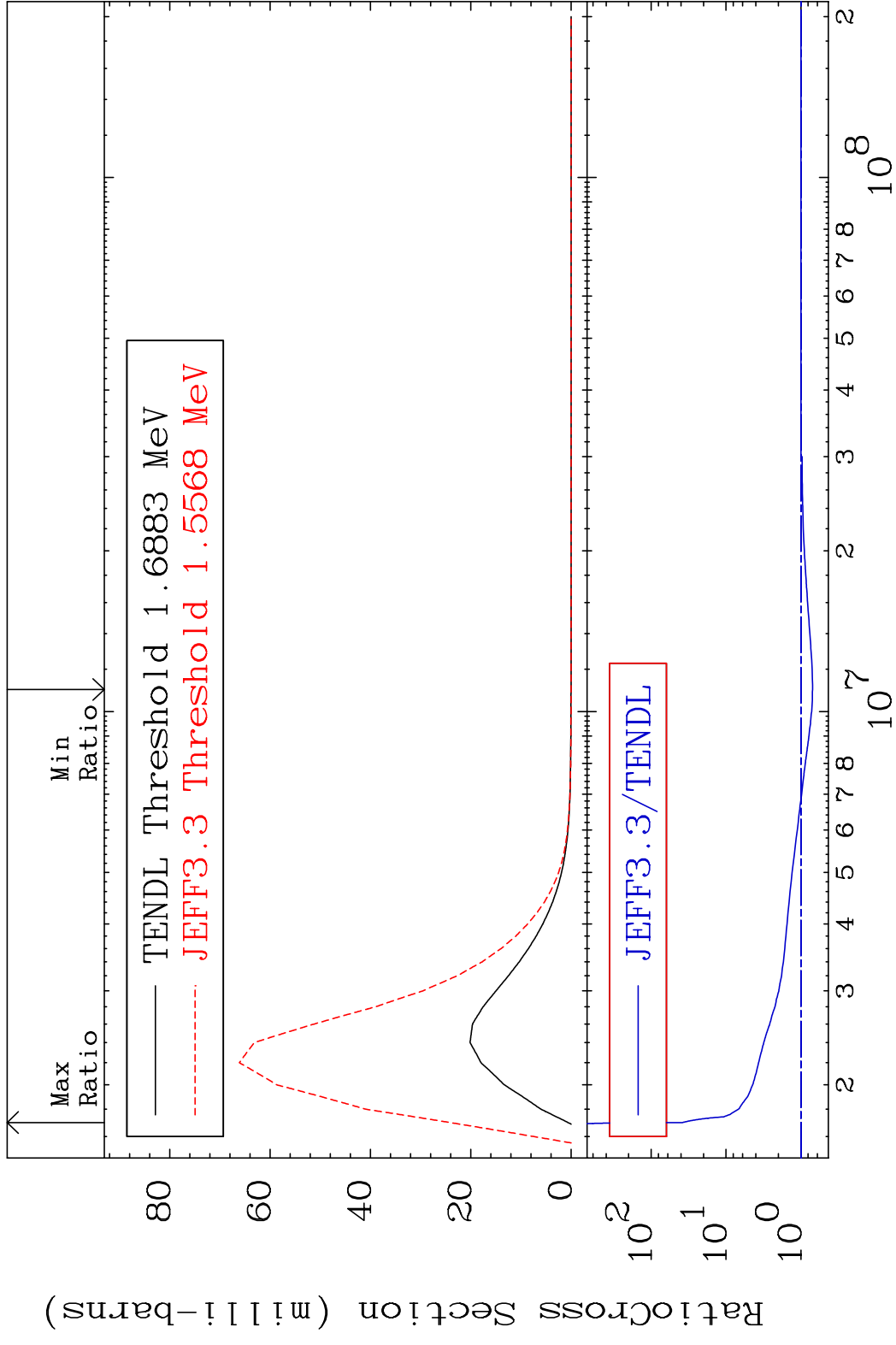
MAT 3640 MT= 68 (n,n') Level 36-Kr-83
 Cross Section 0.000 To 9999. %



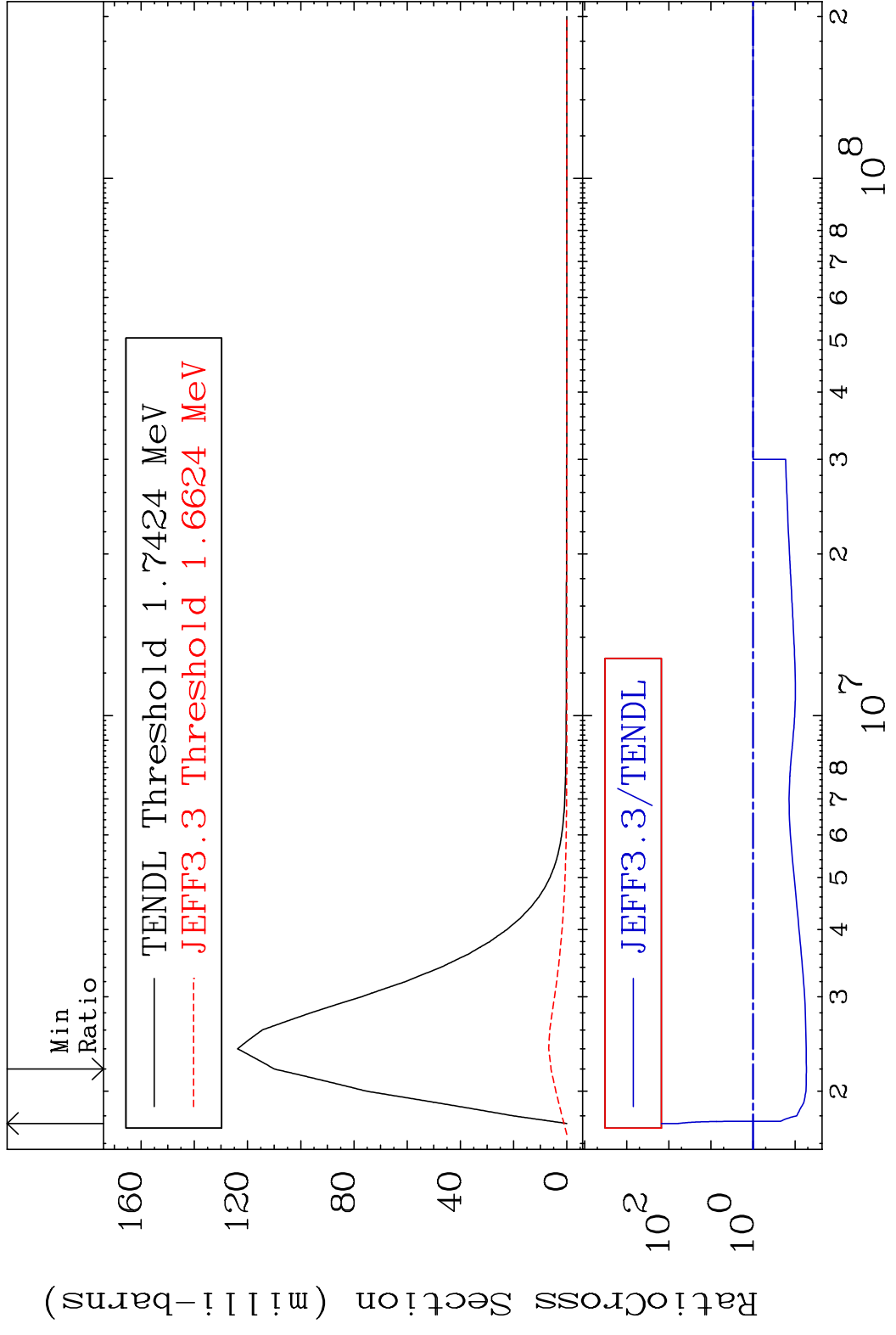
MAT 3640 MT= 69 (n, n') Level 36-Kr-83
 Cross Section -100.0 To 0.000 %



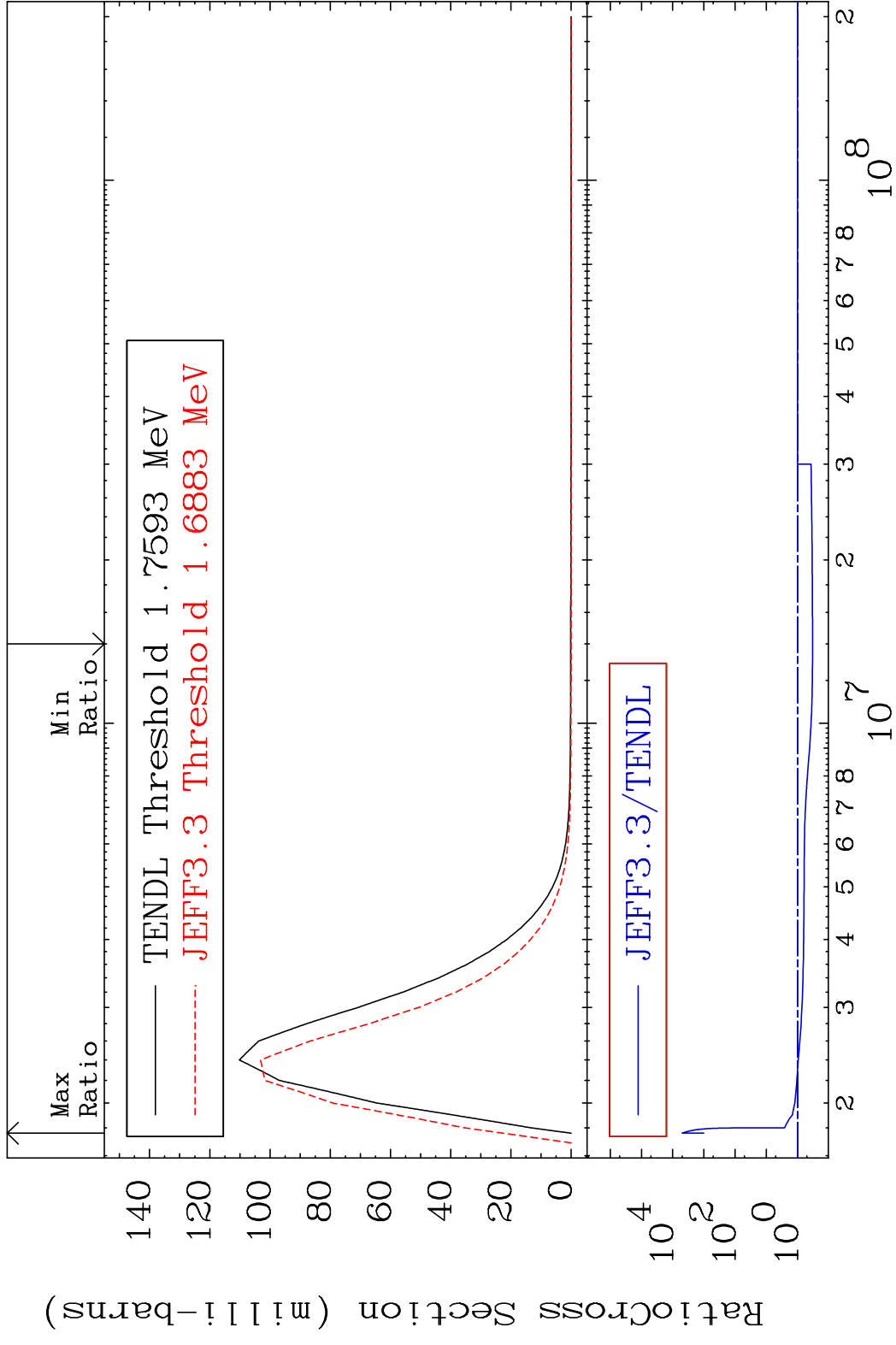
MAT 3640 MT= 70 (n, n') Level 36-Kr-83
 Cross Section -30.15 To 3733. %



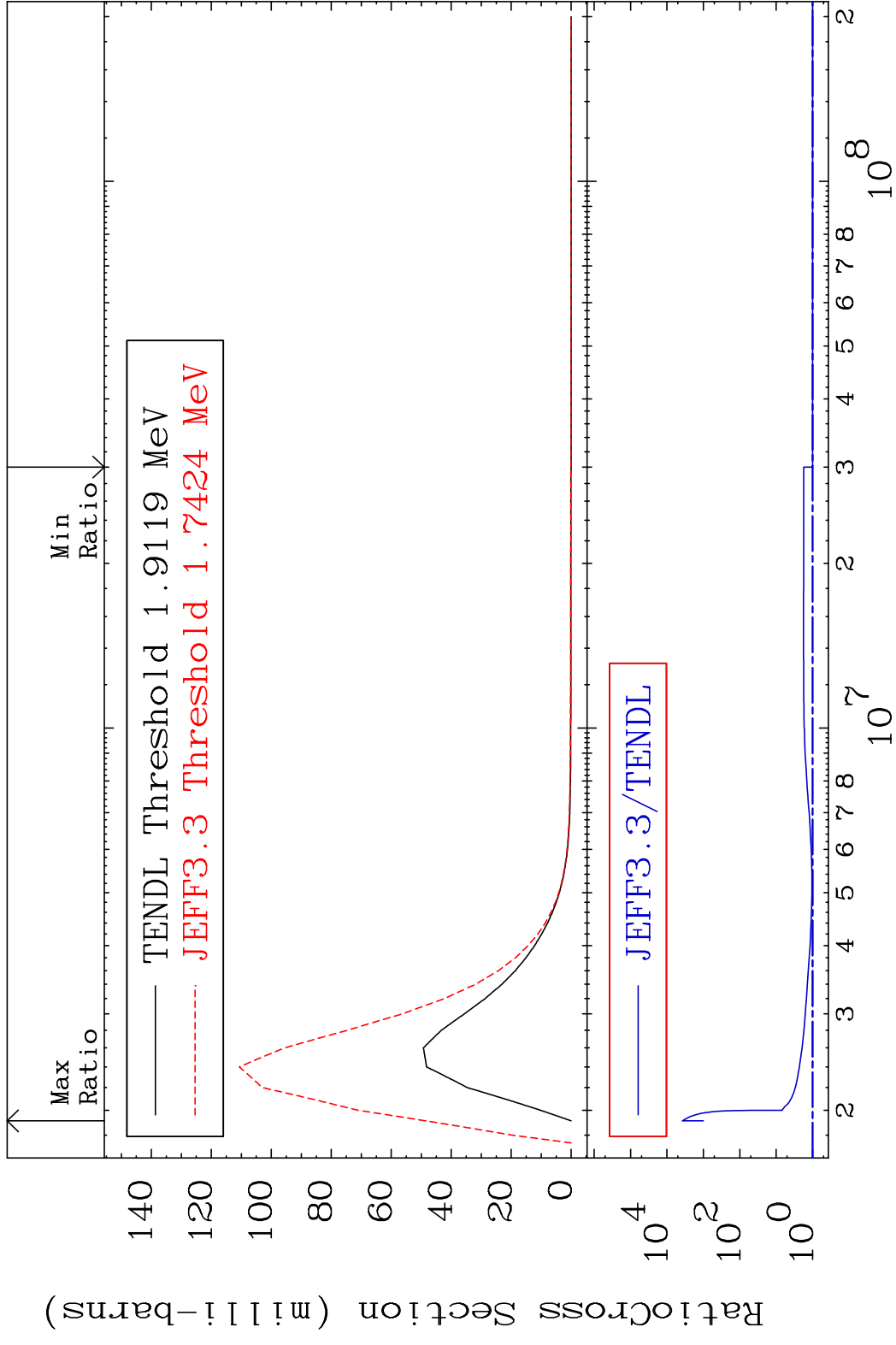
MAT 3640 MT= 71 (n,n') Level 36-Kr-83
 Cross Section -94.58 To 6228. %



MAT 3640 MT= 72 (n, n') Level 36-Kr-83
 Cross Section -67.18 To 9999. %

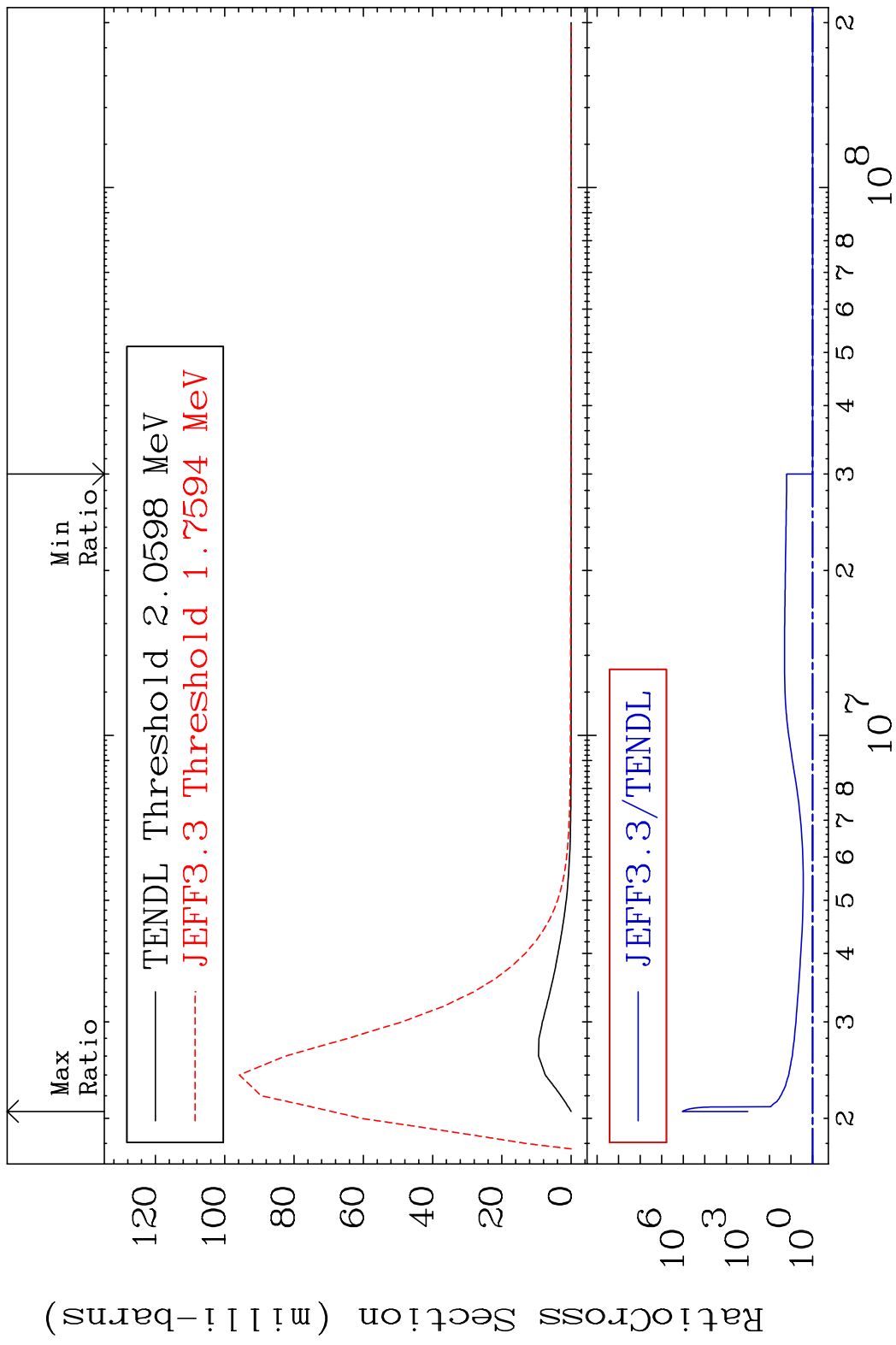


MAT 3640 MT= 73 (n, n') Level 36-Kr-83
 Cross Section 0.000 To 9999. %

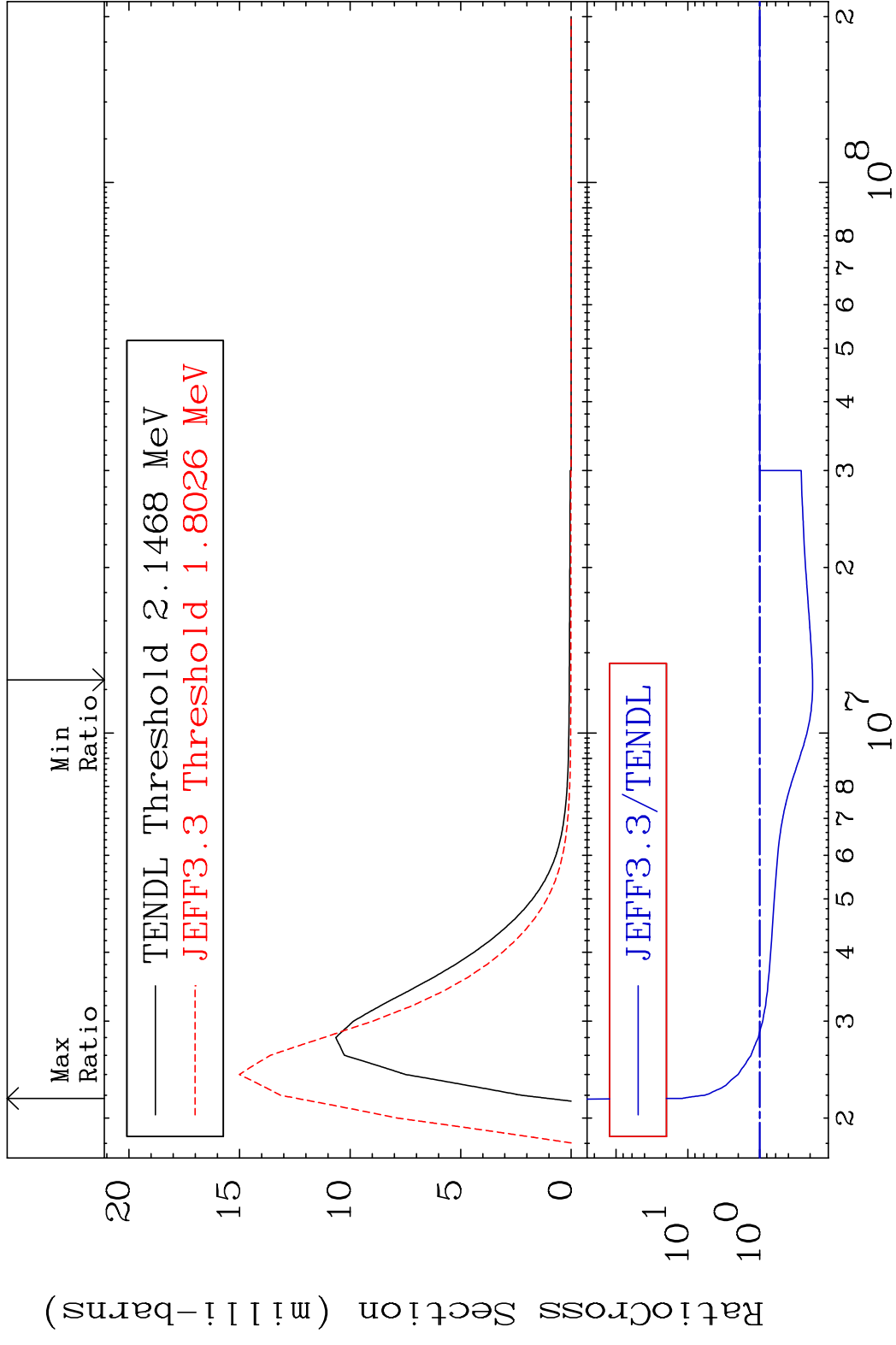


40 Incident Energy (eV) 36-Kr-83

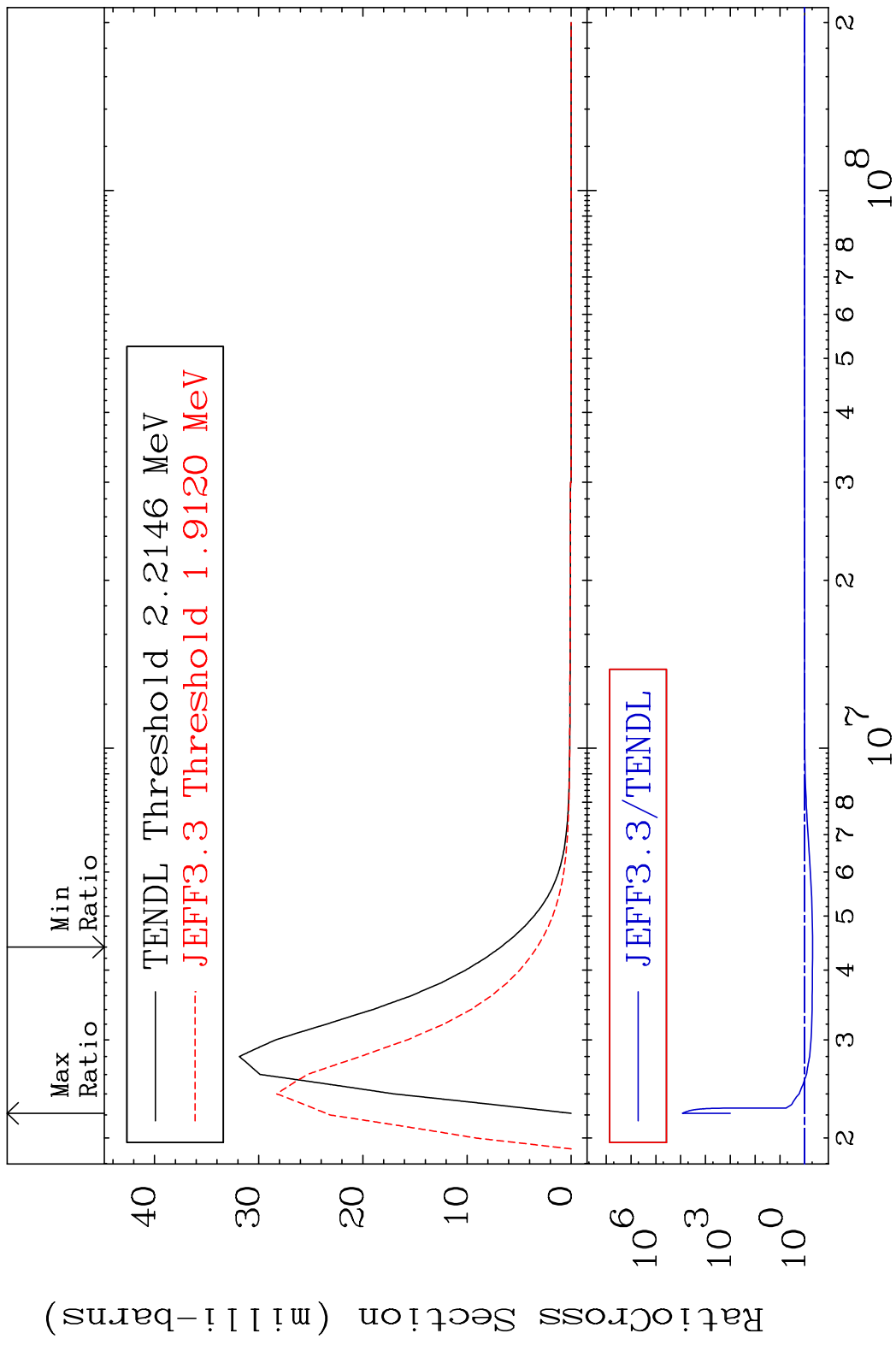
MAT 3640 MT= 74 (n, n') Level 36-Kr-83
 Cross Section 0.000 To 9999. %



MAT 3640 MT= 75 (n, n') Level 36-Kr-83
 Cross Section -81.54 To 1095. %

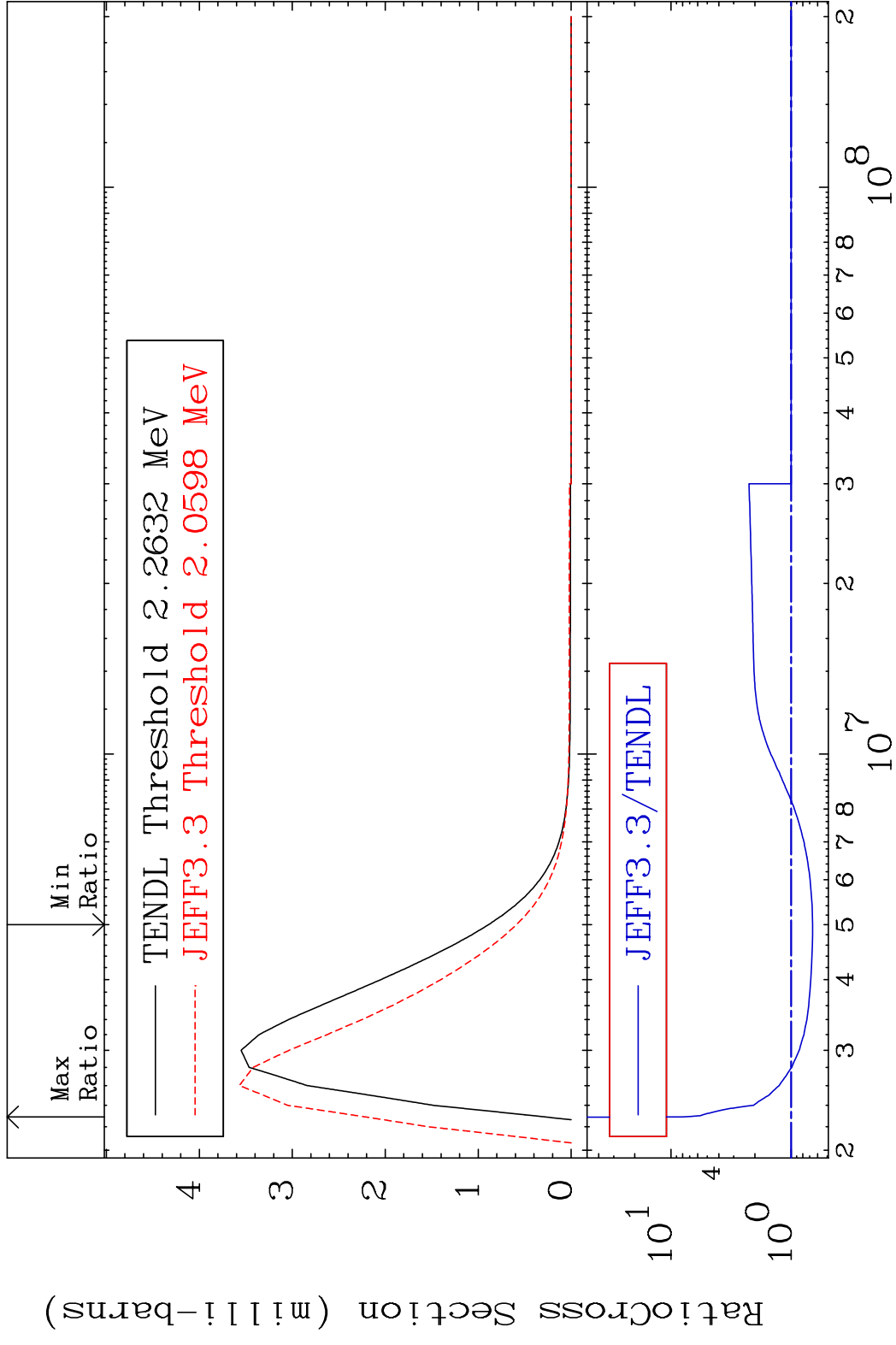


MAT 3640 MT= 76 (n,n') Level 36-Kr-83
 Cross Section -51.68 To 9999. %

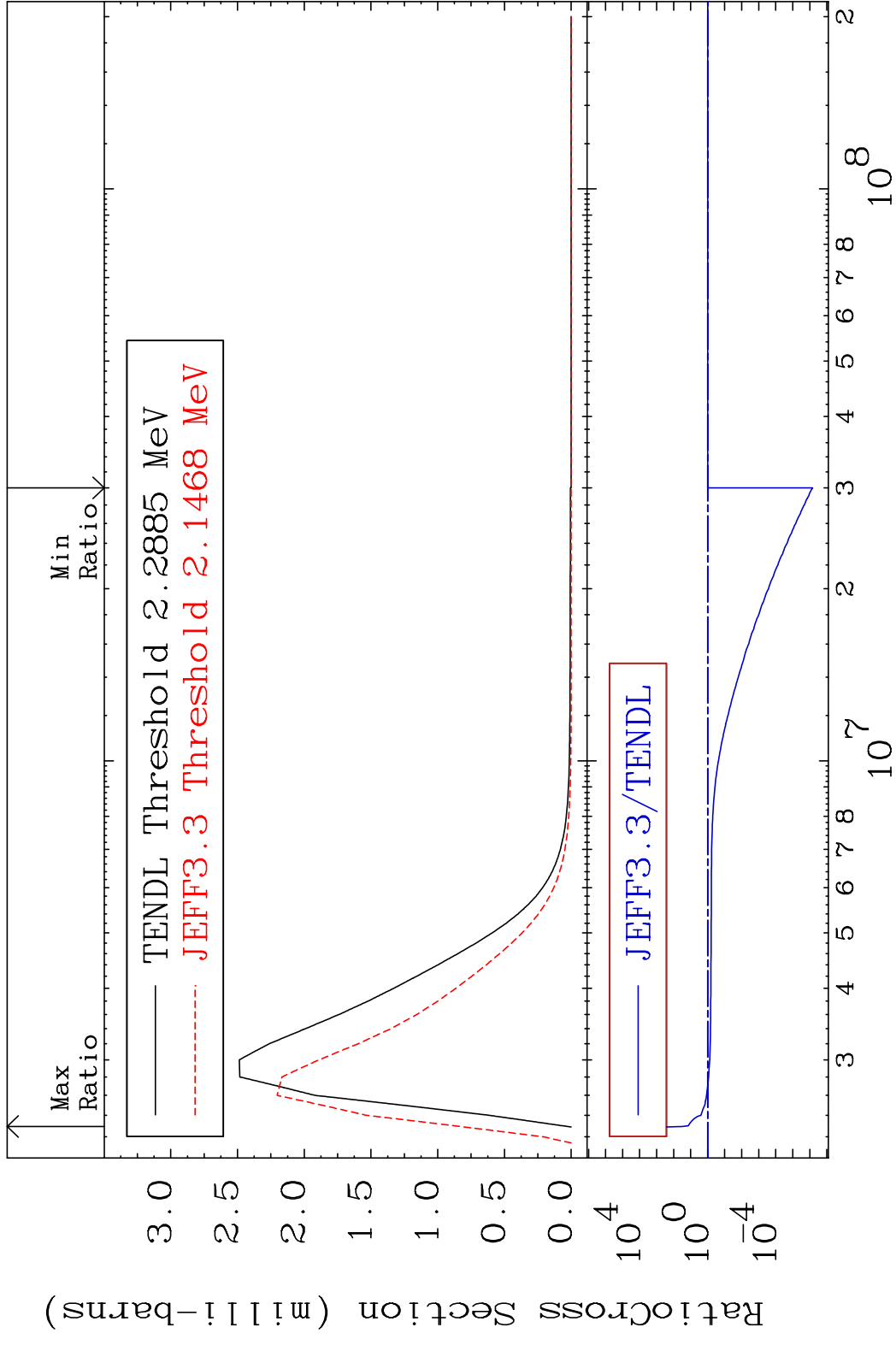


43 Incident Energy (eV) 36-Kr-83

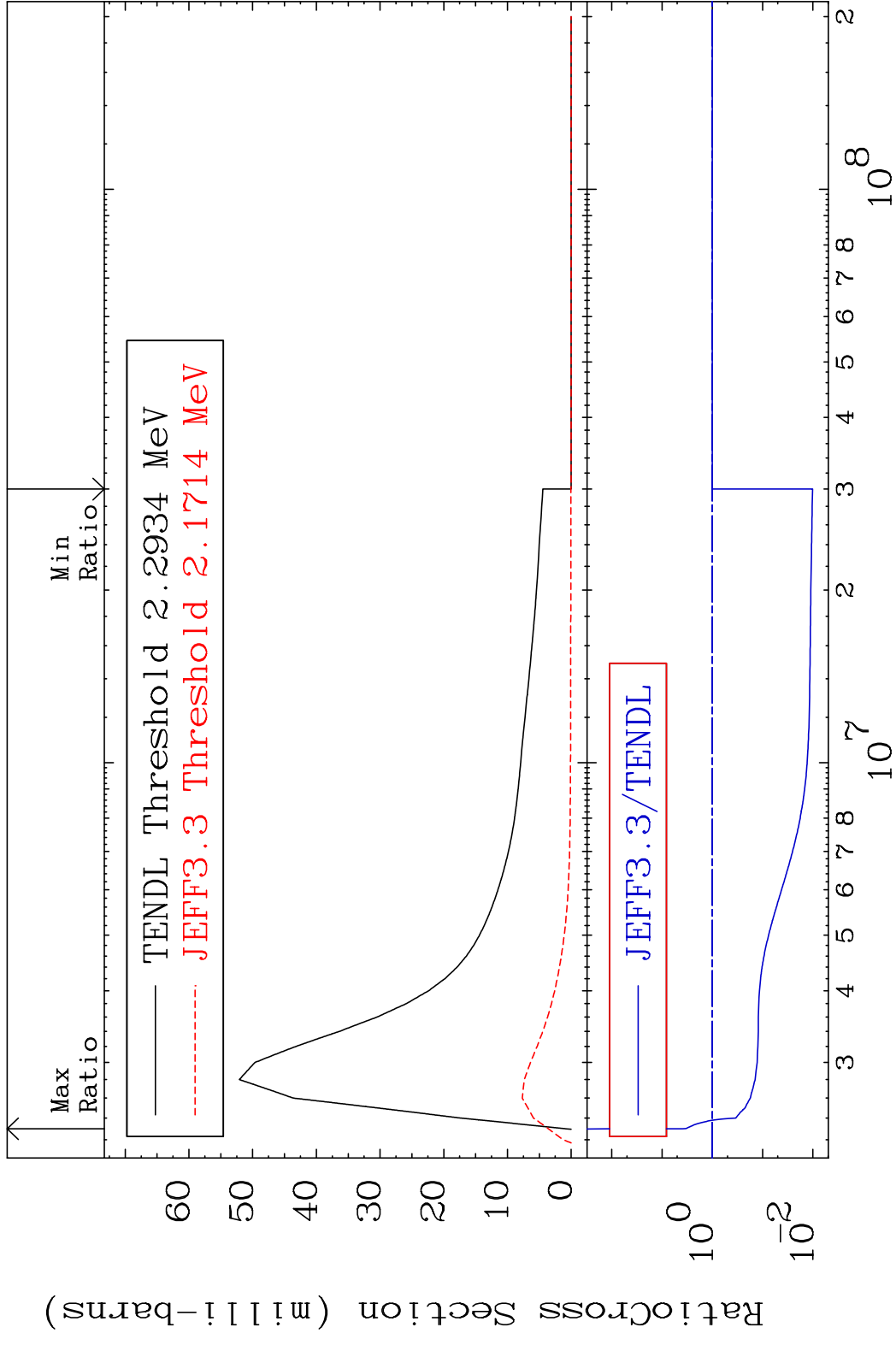
MAT 3640 MT= 77 (n, n') Level 36-Kr-83
 Cross Section -33.75 To 704.1 %



MAT 3640 MT= 78 (n, n') Level 36-Kr-83
 Cross Section -100.0 To 2975. %



MAT 3640 MT= 79 (n, n') Level 36-Kr-83
 Cross Section -98.98 To 294.6 %

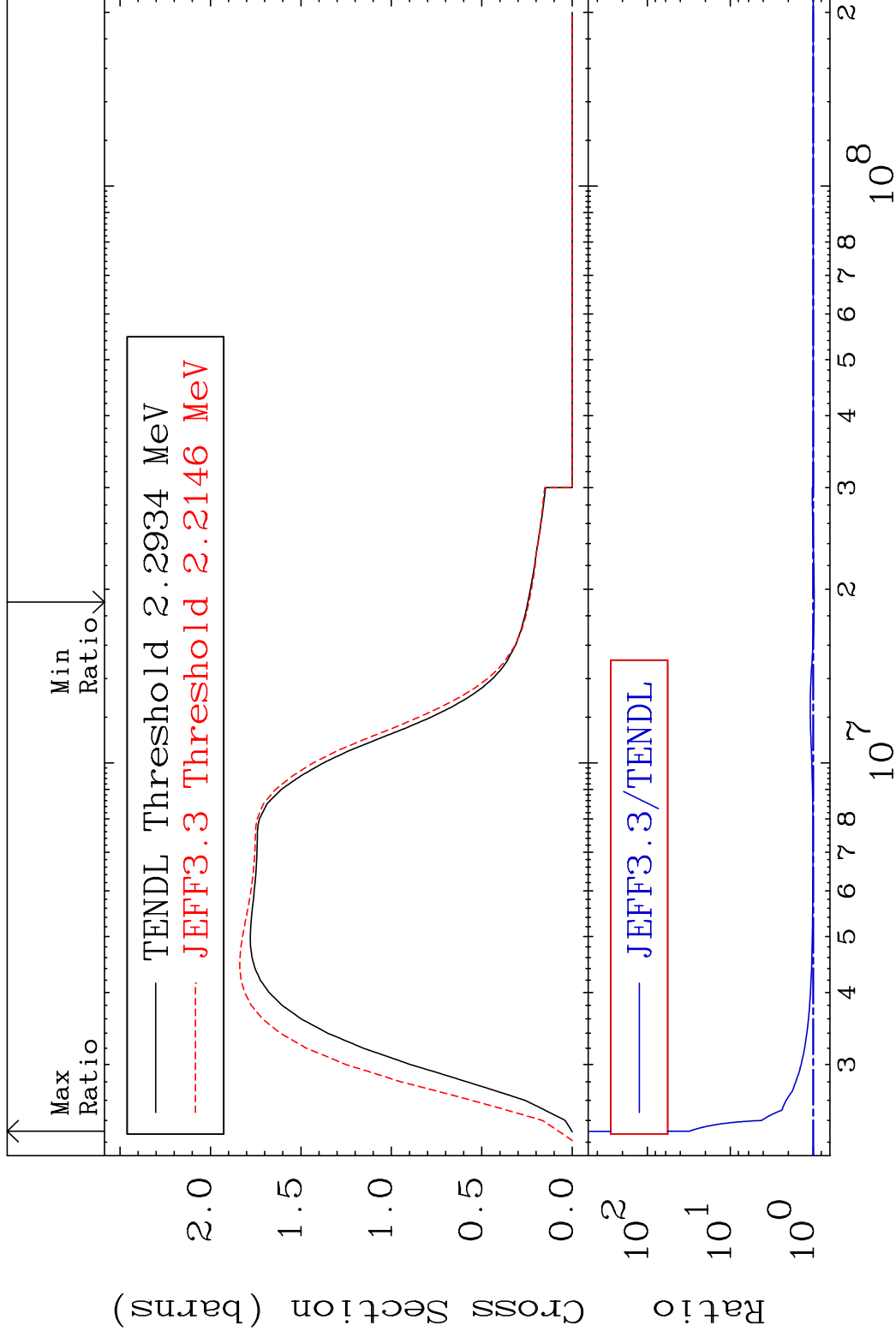


MAT 3640

(n, n') Continuum

36-Kr-83

Cross Section -2.406 To 3549. %



47

Incident Energy (eV)

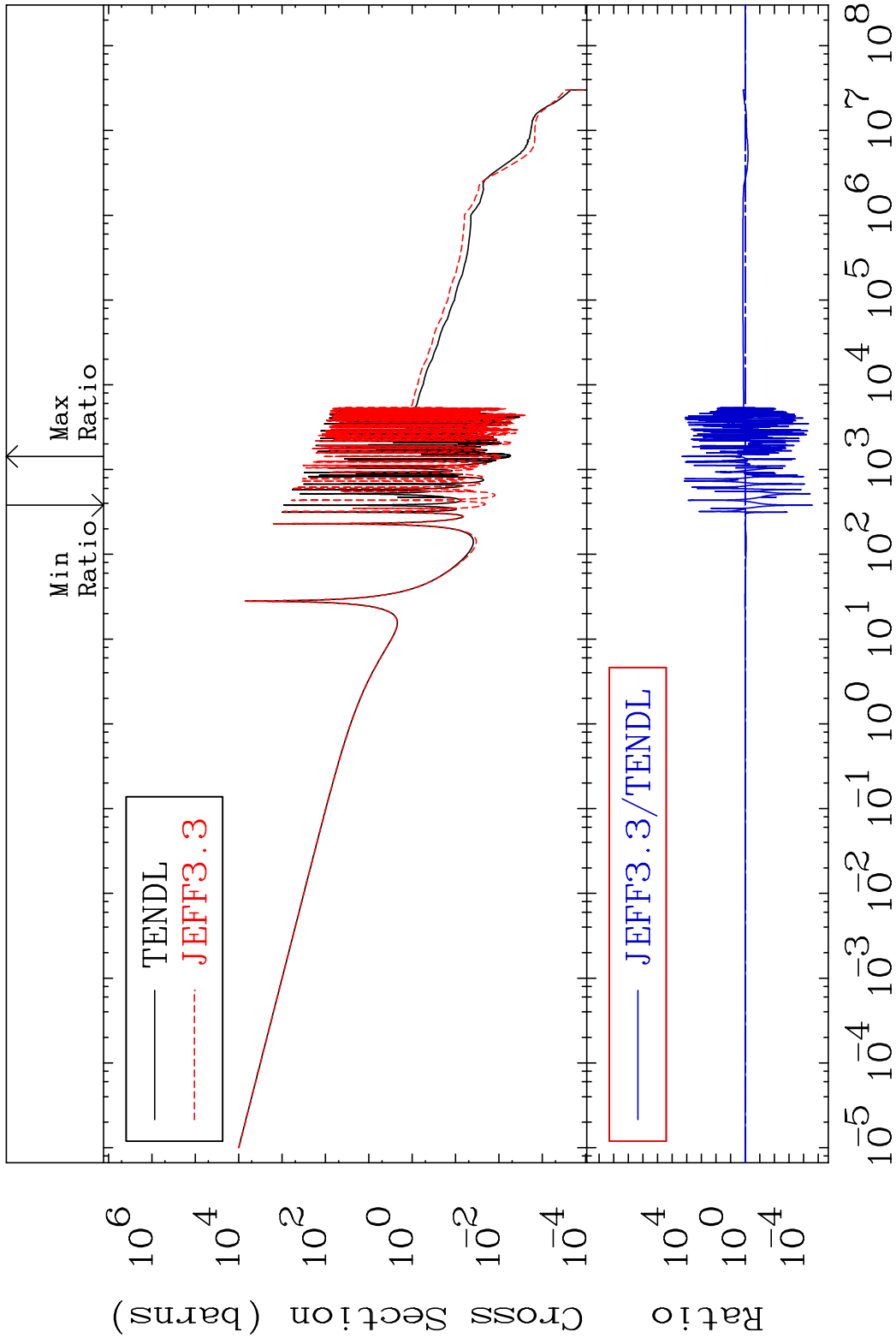
36-Kr-83

MAT 3640

(n, γ)

36-Kr-83

Cross Section -100.0 To 9999. %

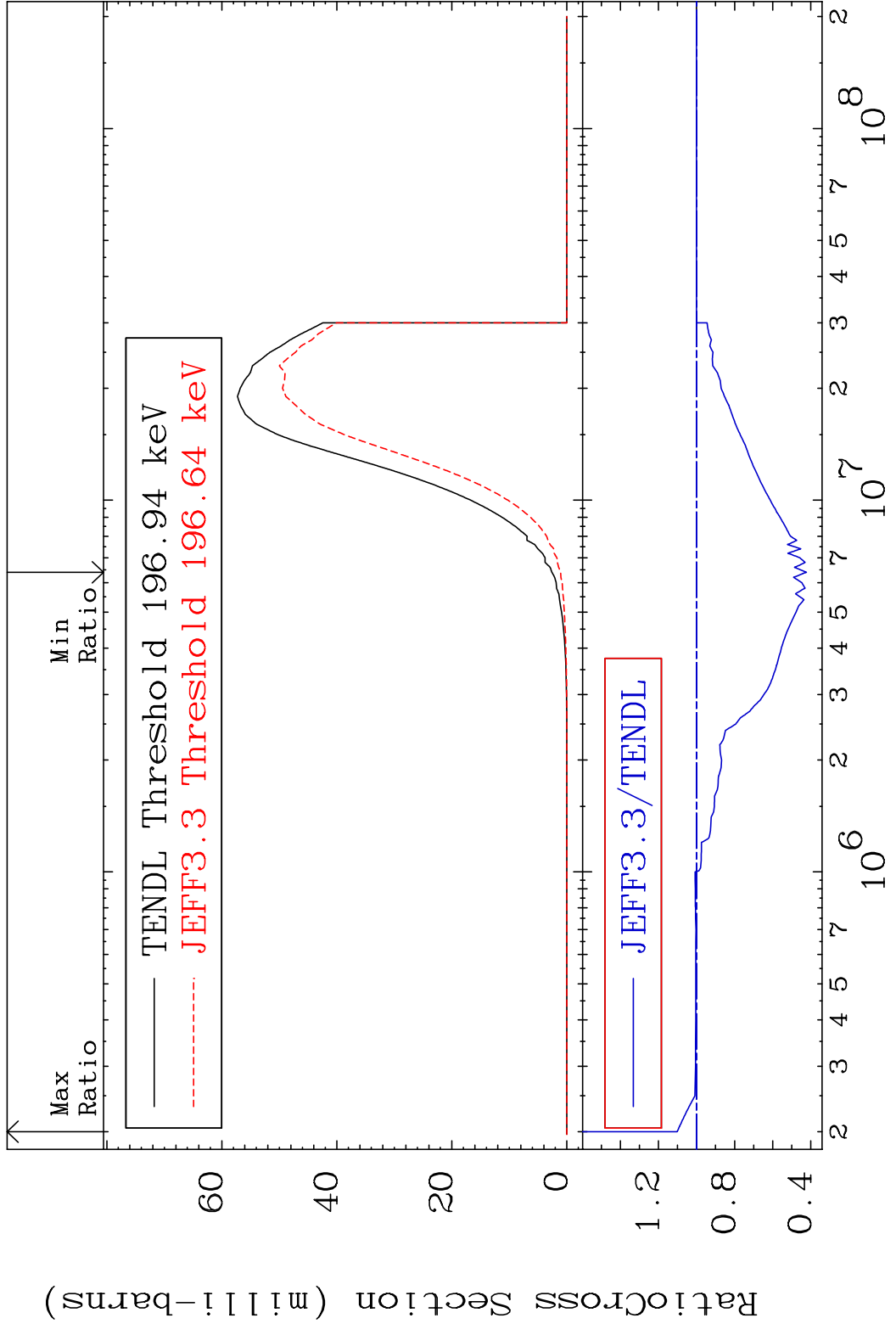


48

Incident Energy (eV)

36-Kr-83

MAT 3640 (n,p) 36-Kr-83
 Cross Section -57.71 To 10.15 %

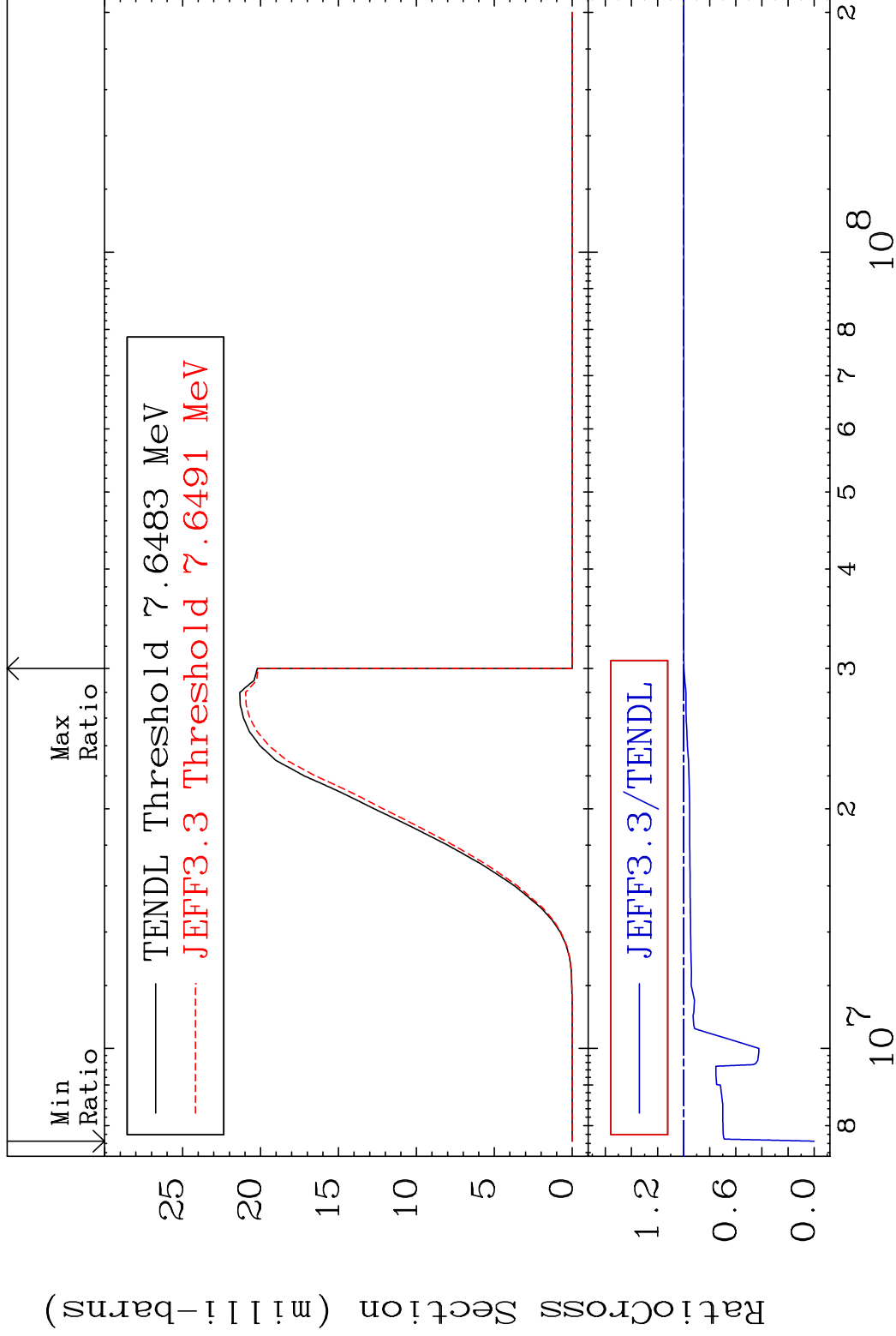


MAT 3640

(n, d)

36-Kr-83

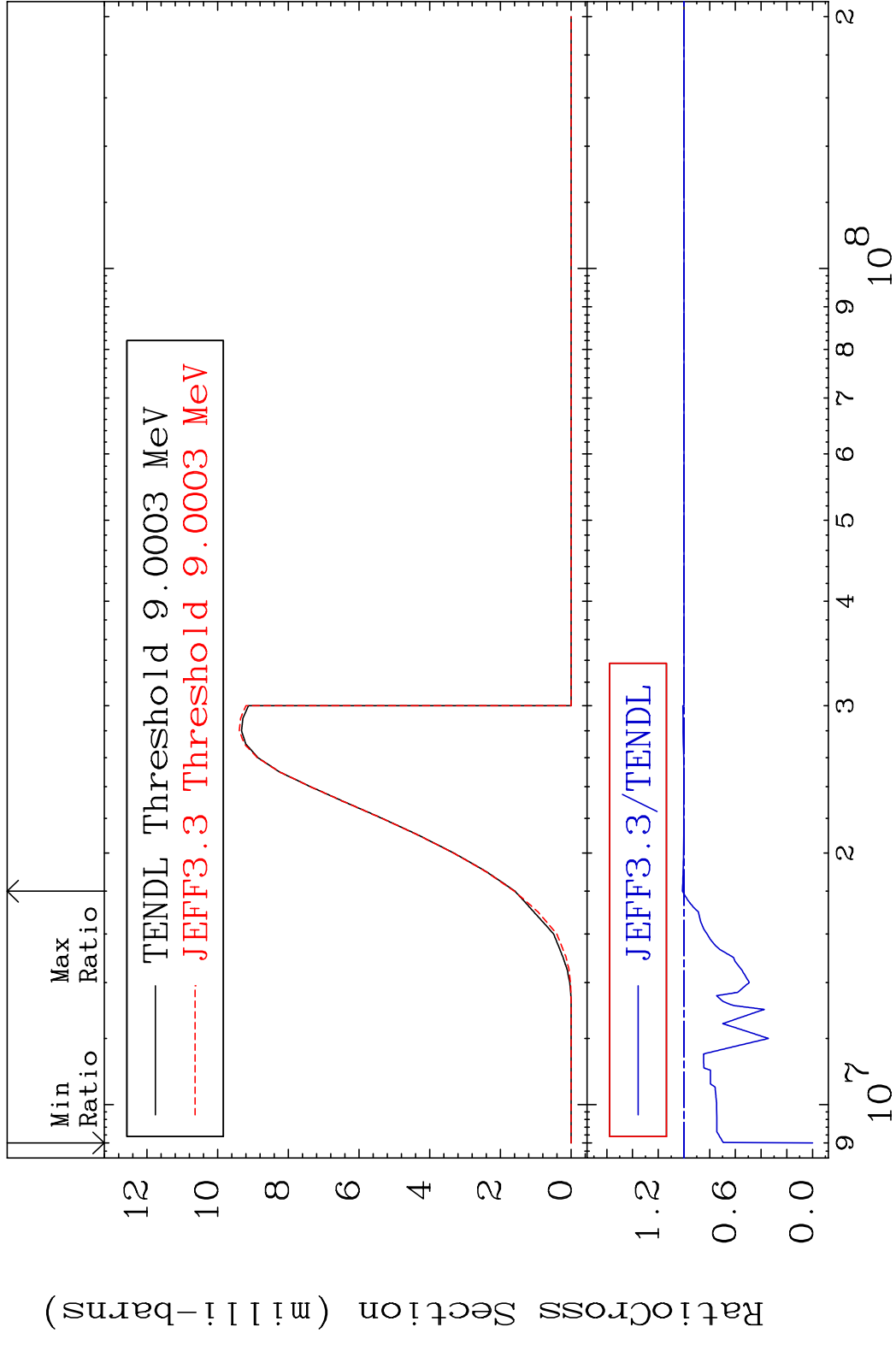
Cross Section -100.0 To 0.000 %



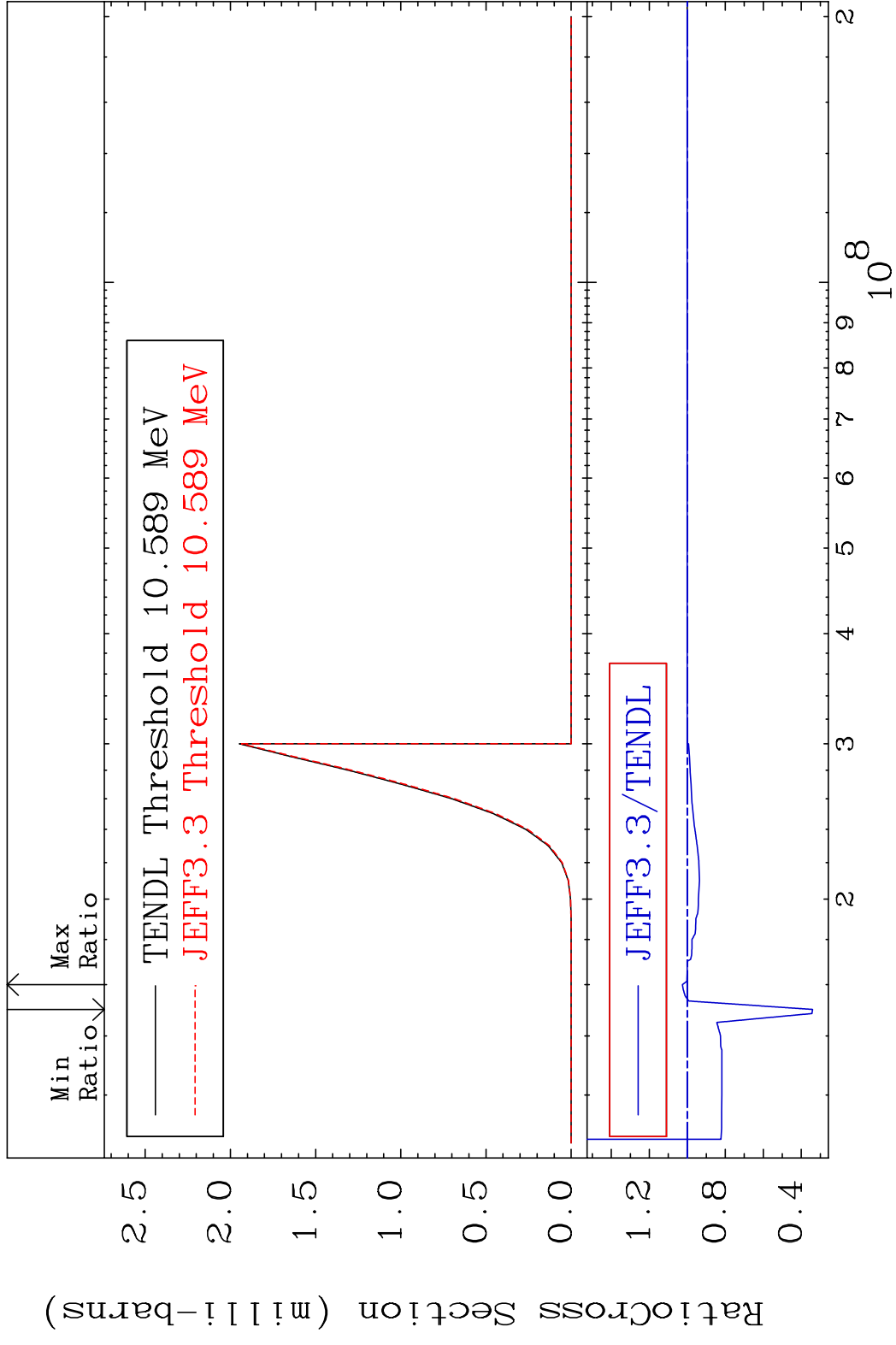
50

Incident Energy (eV)

36-Kr-83



MAT 3640 (n, He-3) 36-Kr-83
 Cross Section -65.92 To 2.599 %

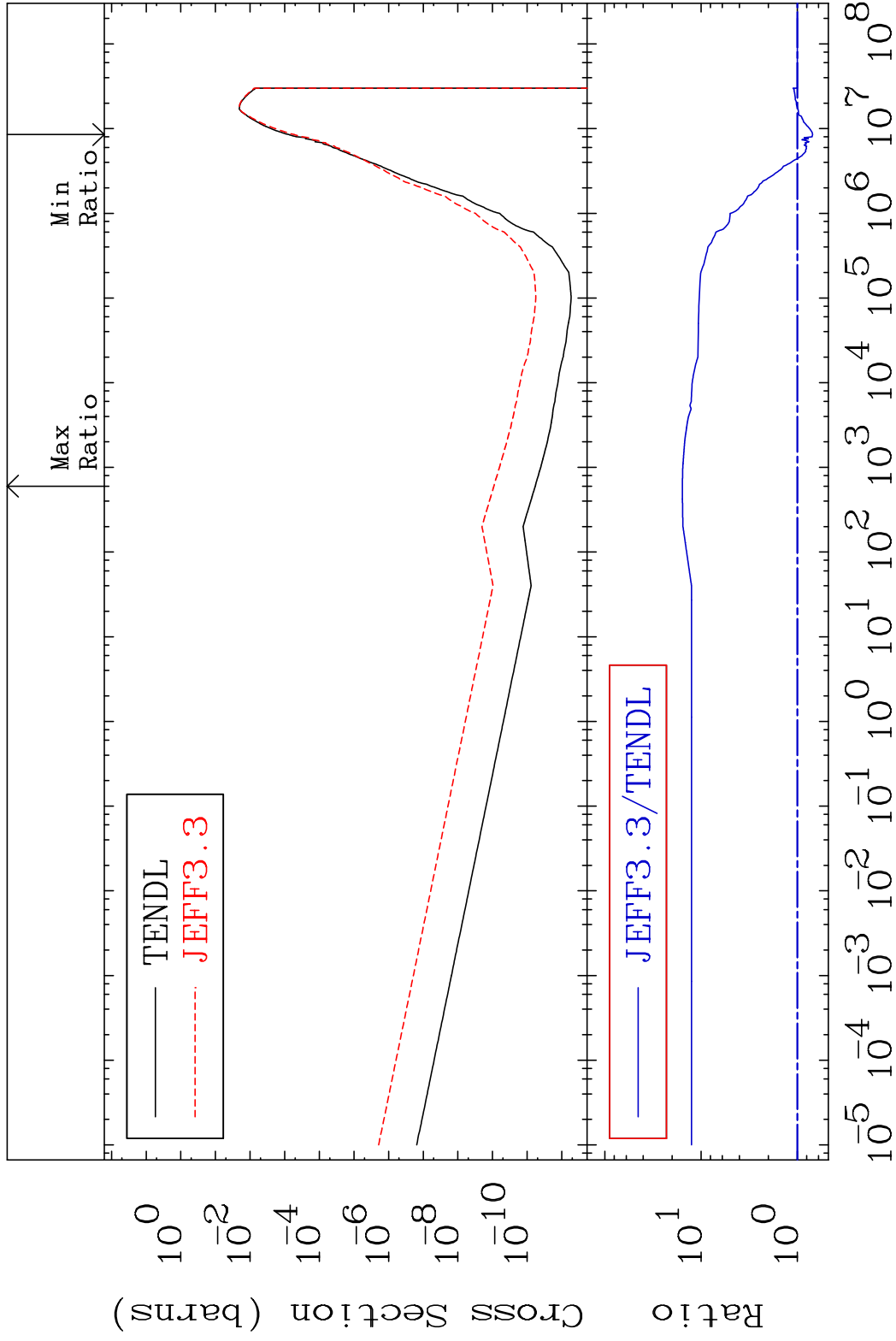


MAT 3640

(n, α)

36-Kr-83

Cross Section -30.66 To 1465. %



53

Incident Energy (eV)

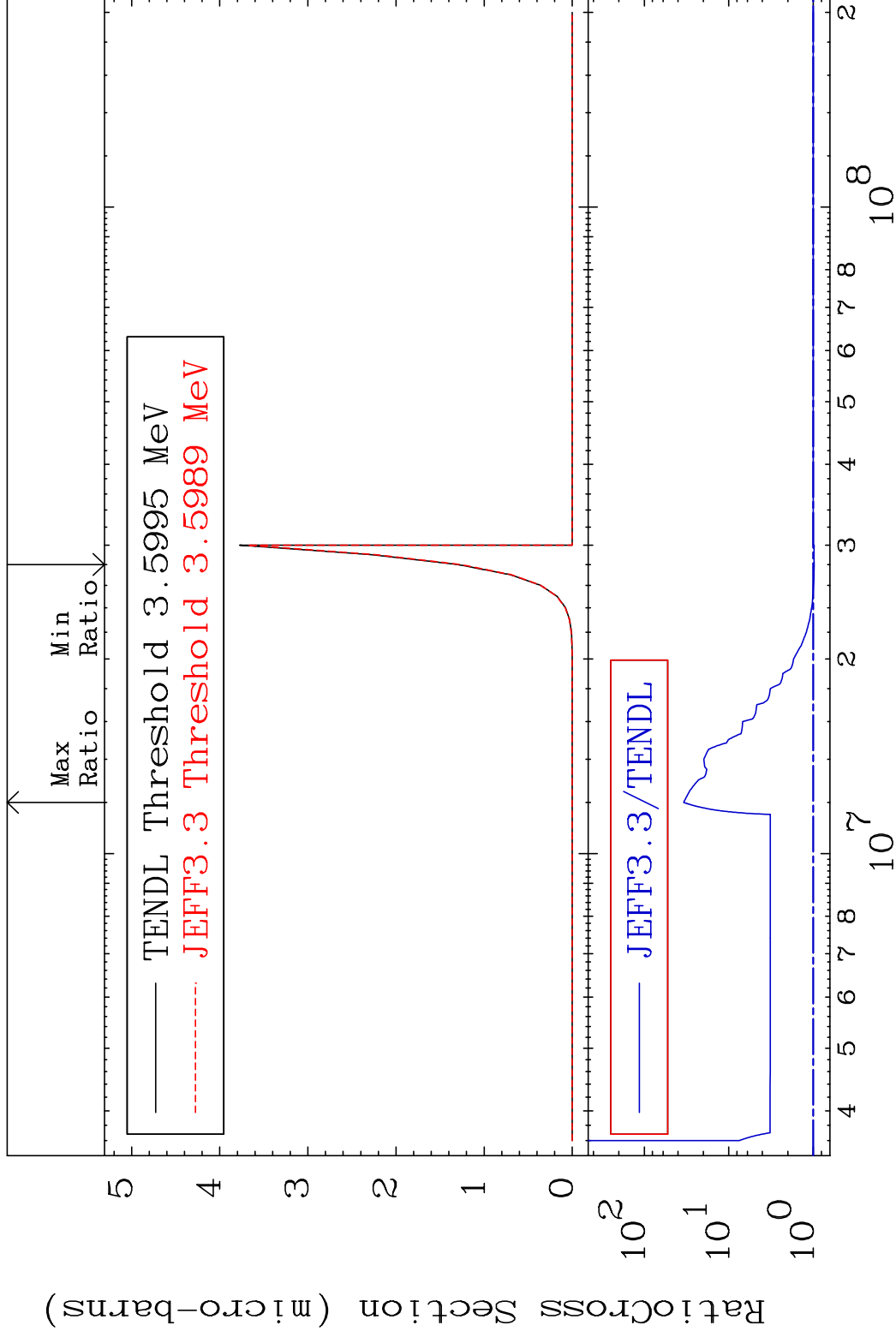
36-Kr-83

MAT 3640

(n,2α)

36-Kr-83

Cross Section -2.297 To 3320. %



54

Incident Energy (eV)

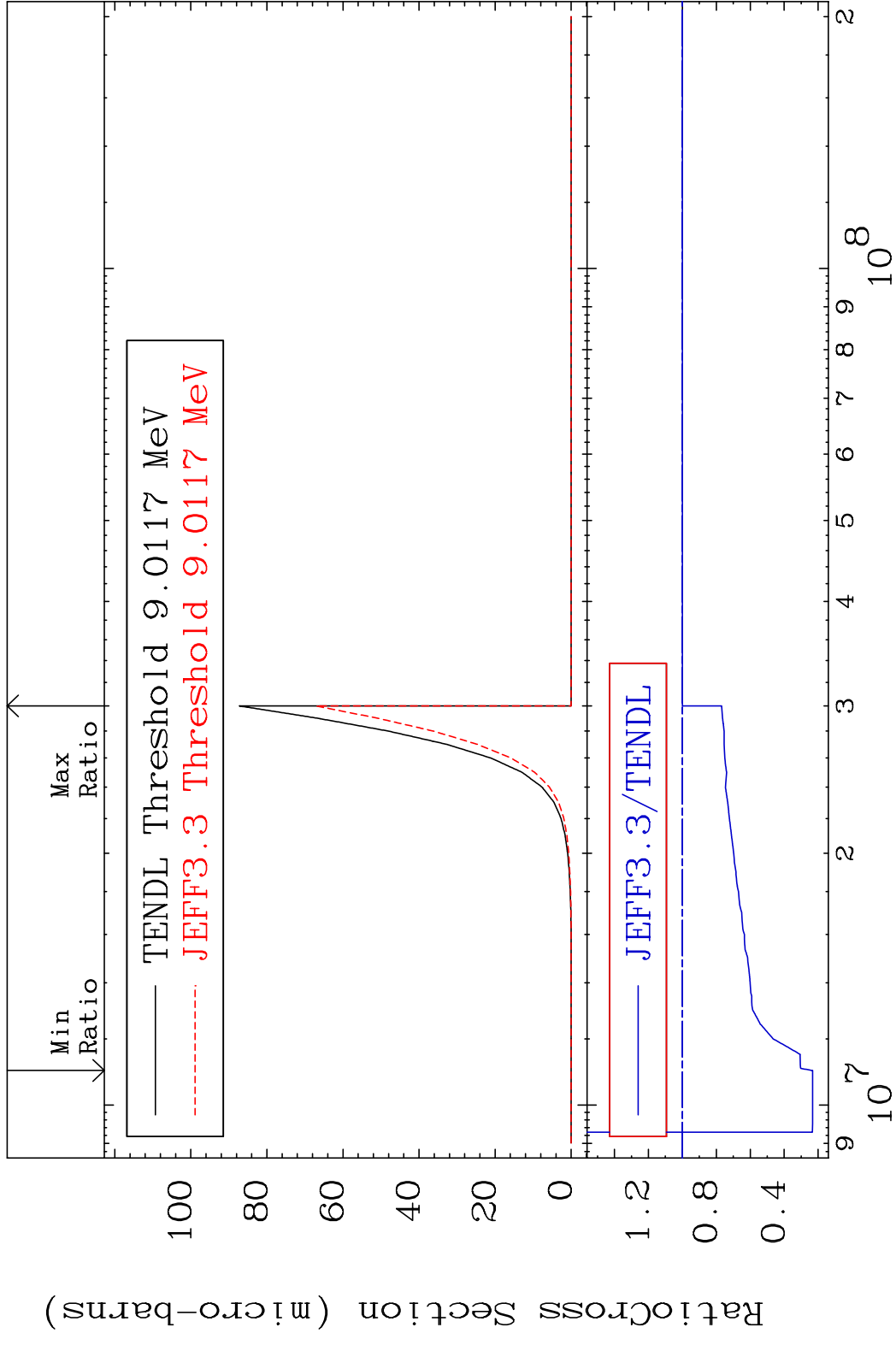
36-Kr-83

MAT 3640

(n,2p)

36-Kr-83

Cross Section -76.72 To 0.000 %

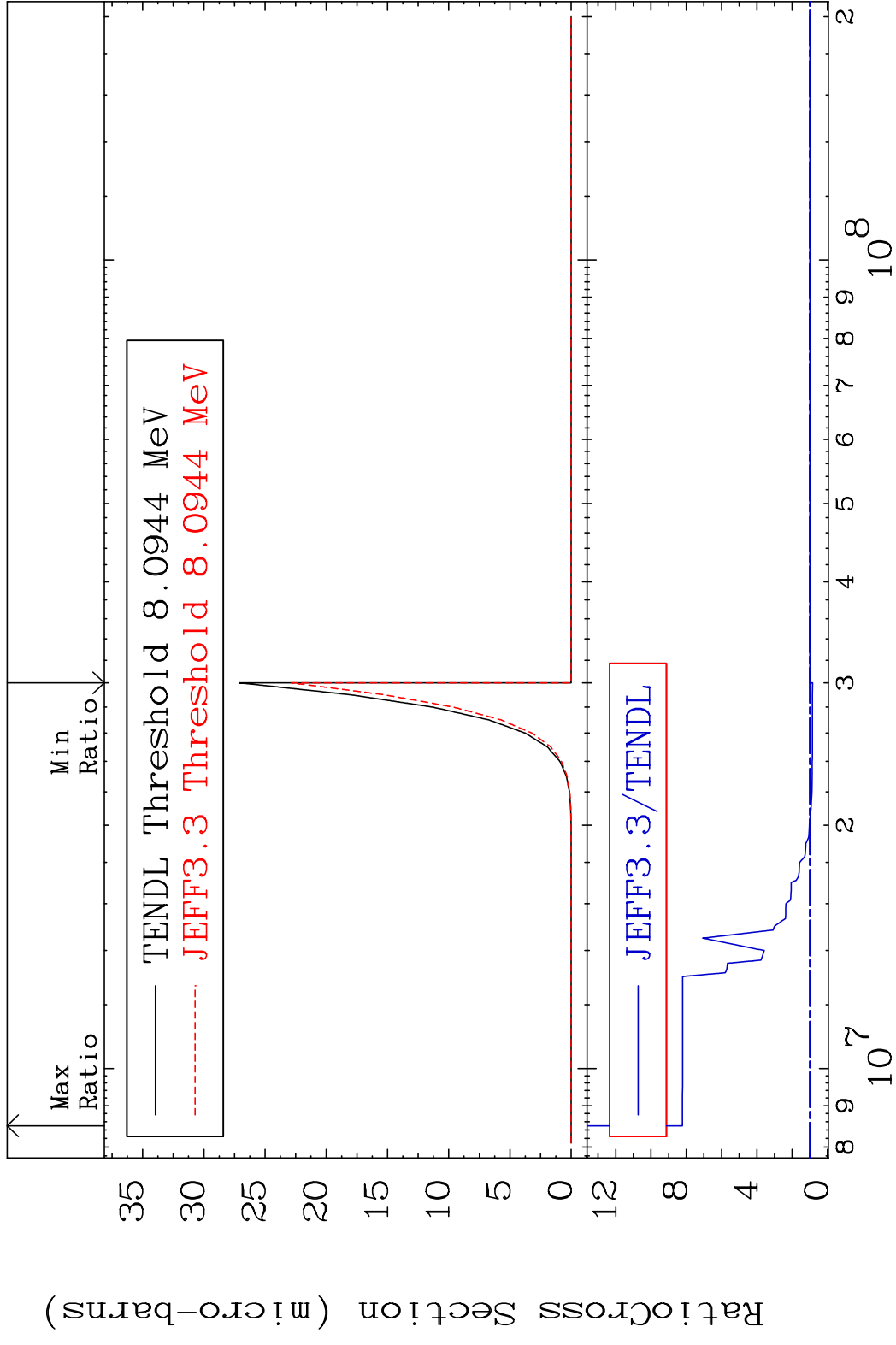


55

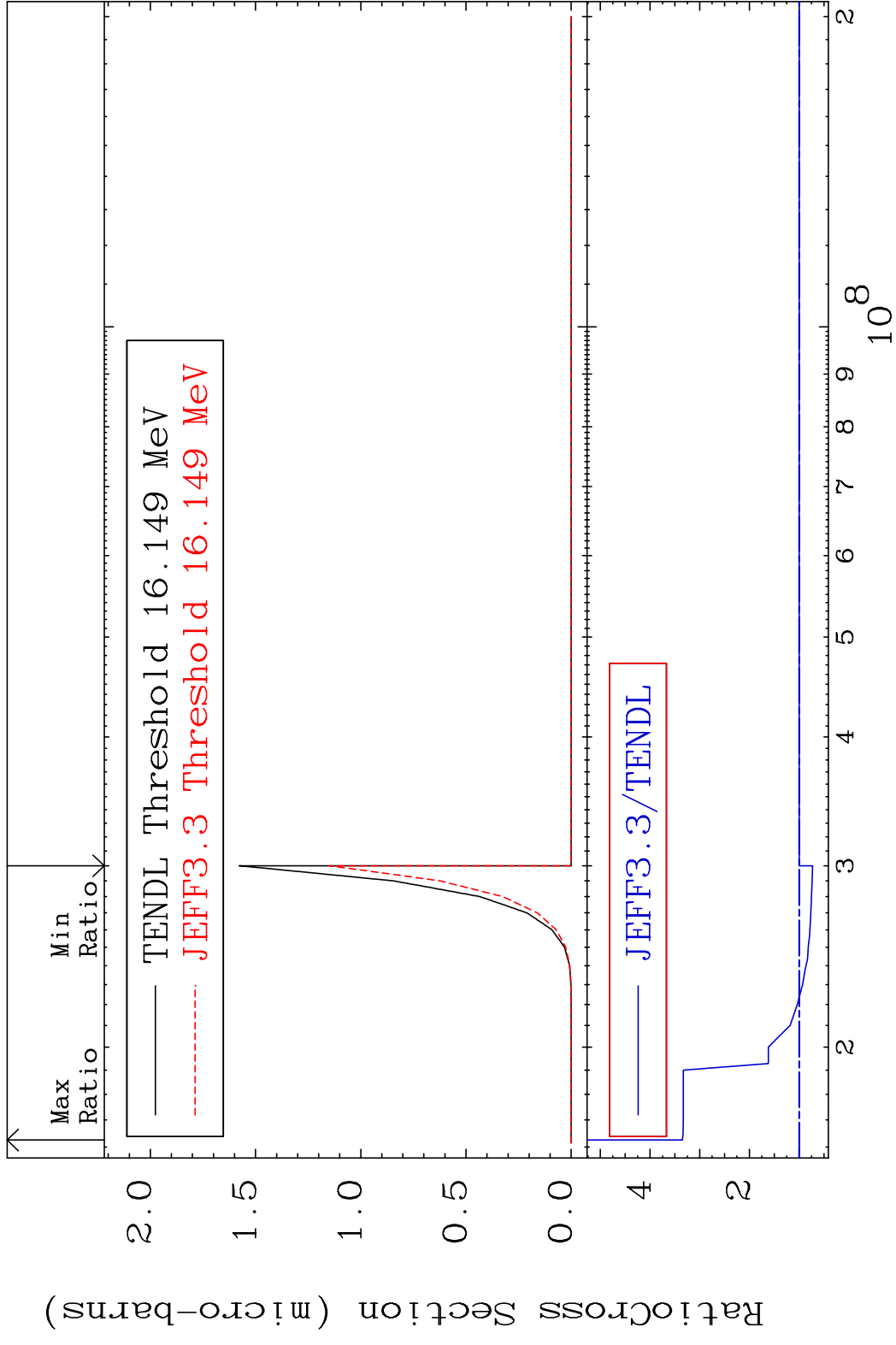
Incident Energy (eV)

36-Kr-83

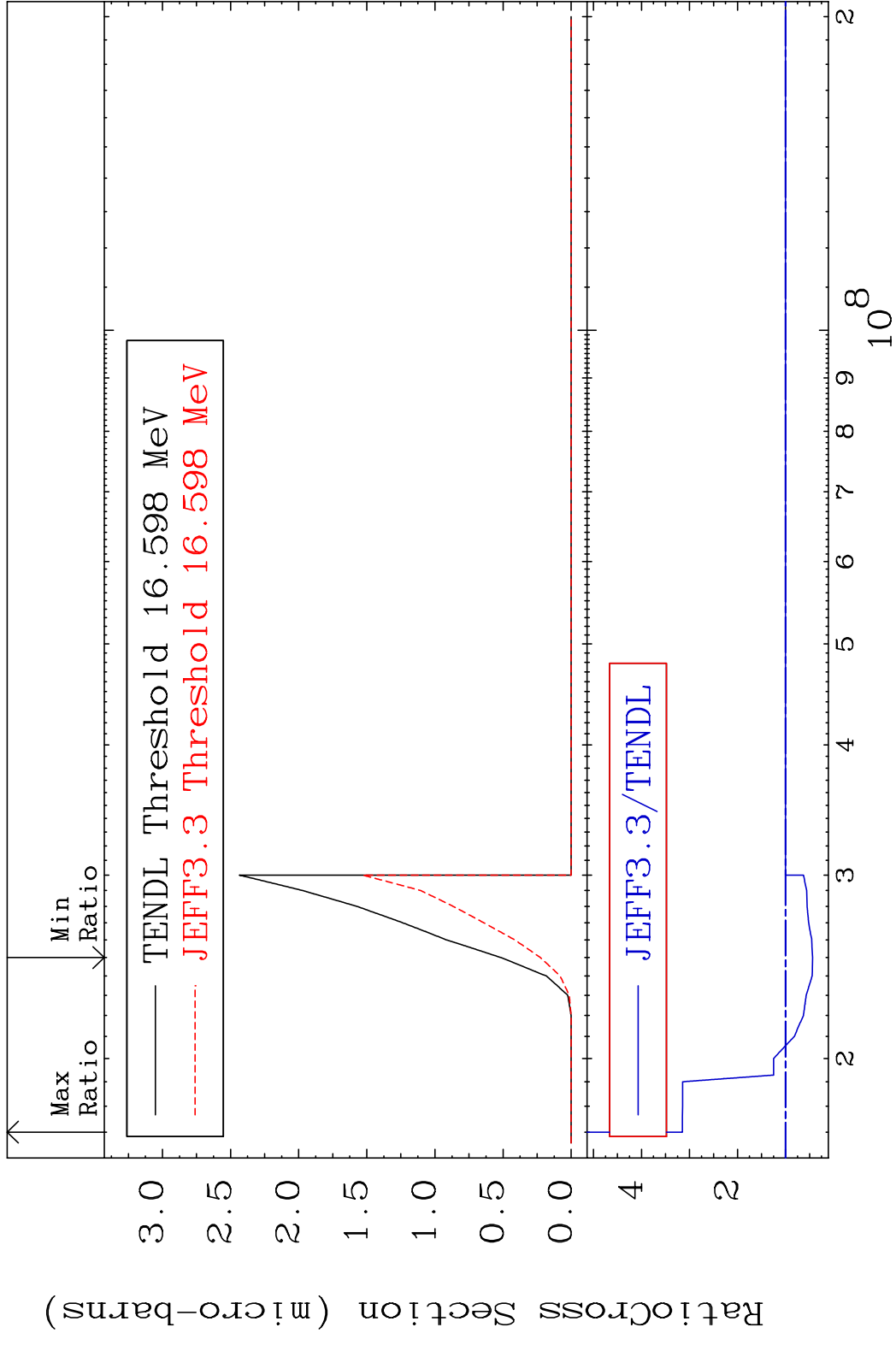
MAT 3640 (n,p) α 36-Kr-83
 Cross Section -15.75 To 722.3 %



MAT 3640 (n,p) d 36-Kr-83
 Cross Section -27.14 To 235.0 %



MAT 3640 (n,p) t 36-Kr-83
 Cross Section -56.22 To 214.9 %

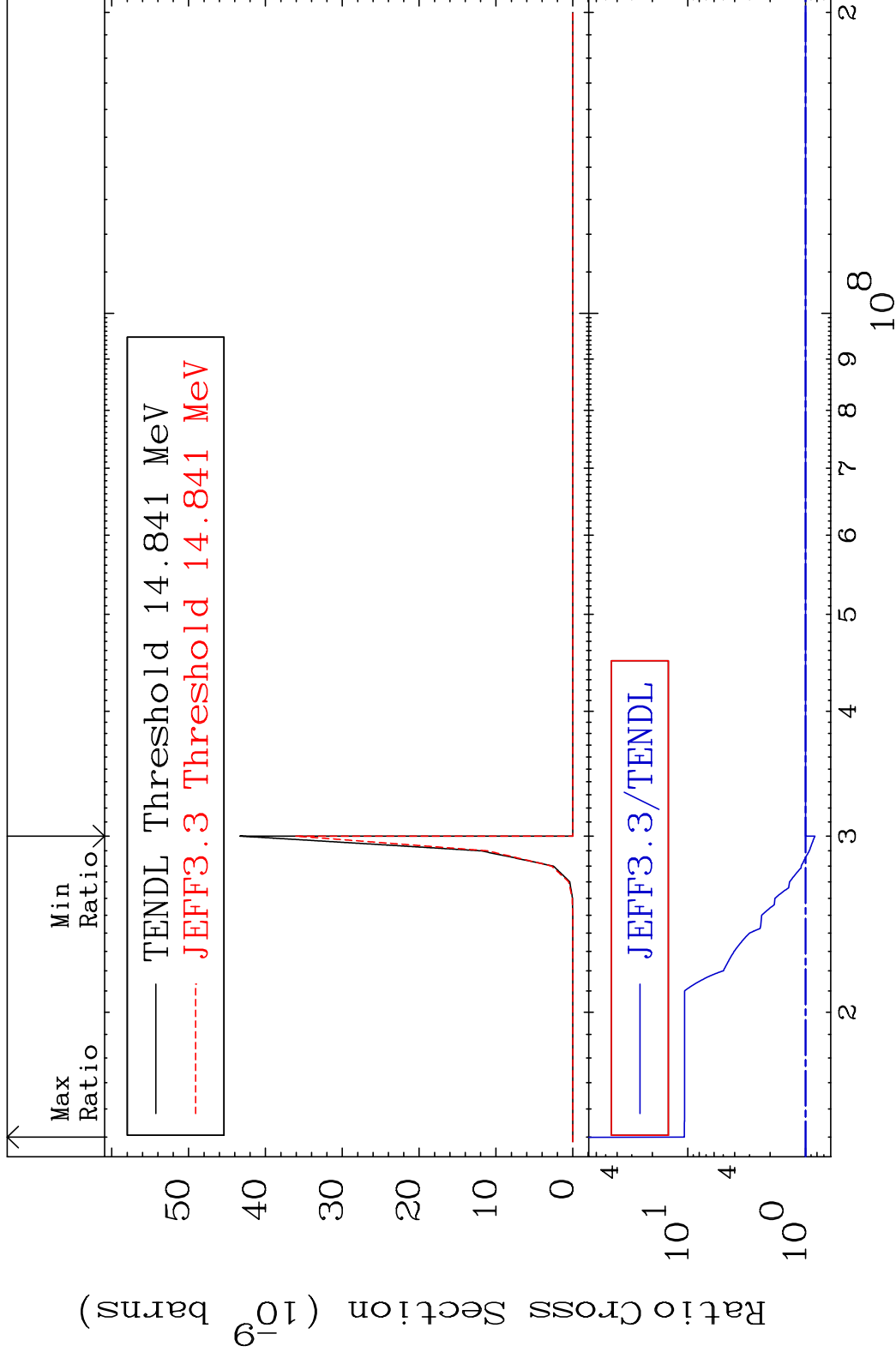


MAT 3640

(n,d) α

36-Kr-83

Cross Section -16.66 To 972.1 %



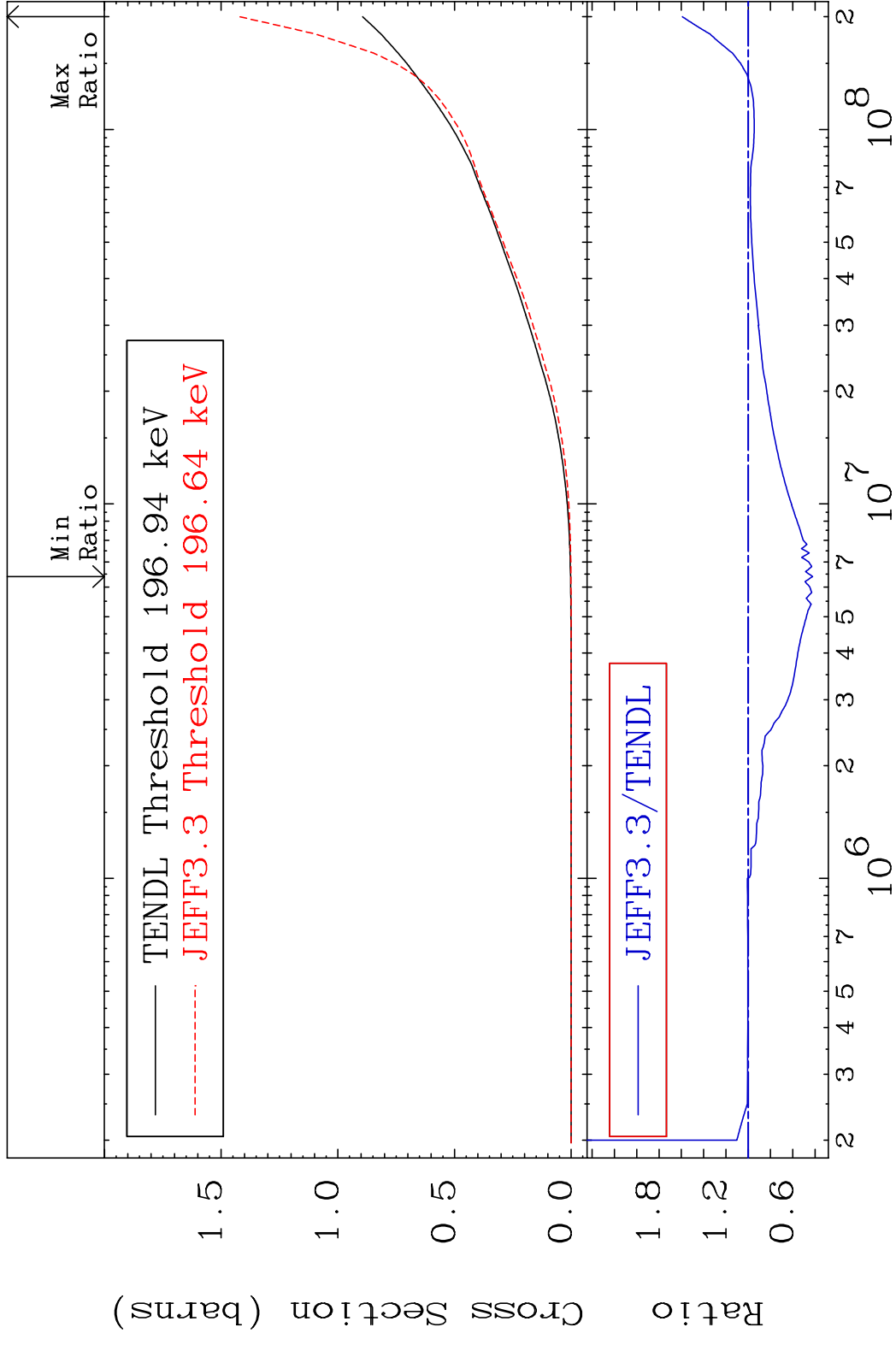
59

Incident Energy (eV)

36-Kr-83

MAT 3640

Hydrogen Production 36-Kr-83
Cross Section -57.71 To 59.08 %

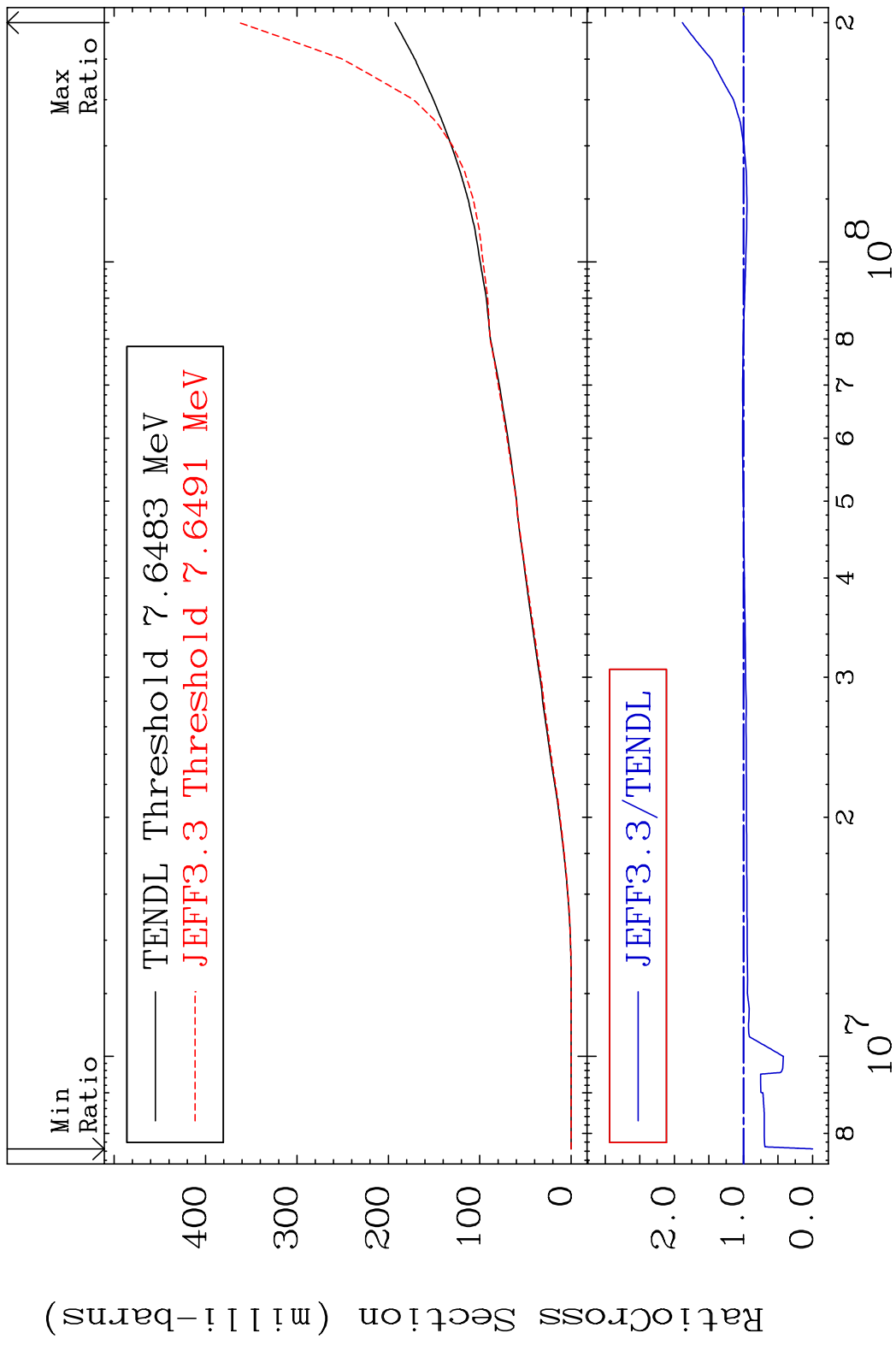


60

Incident Energy (eV)

36-Kr-83

MAT 3640 Deuterium Production 36-Kr-83
 Cross Section -100.0 To 88.48 %

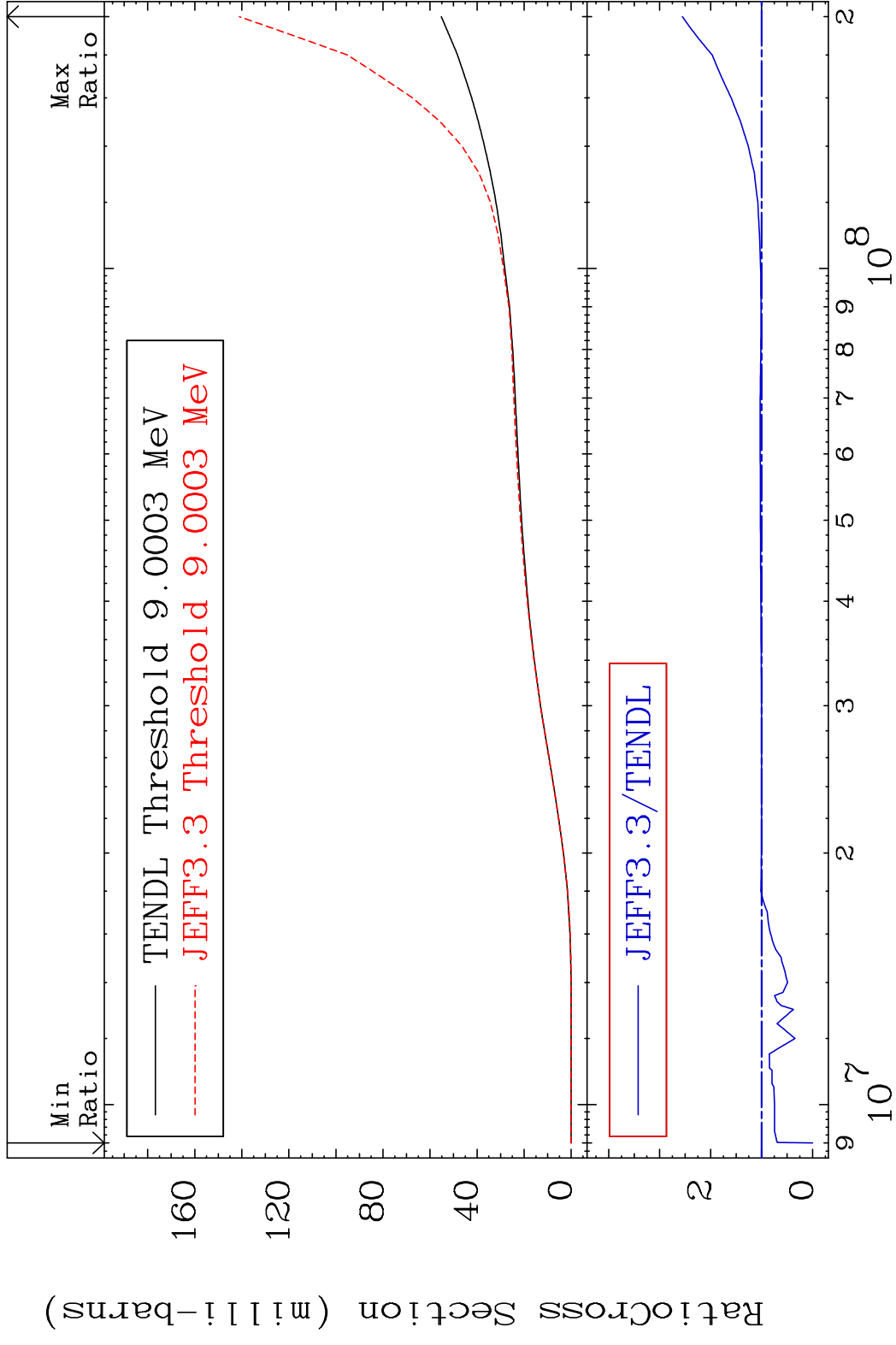


MAT 3640

Tritium Production

36-Kr-83

Cross Section -100.0 To 155.5 %



62

Incident Energy (eV)

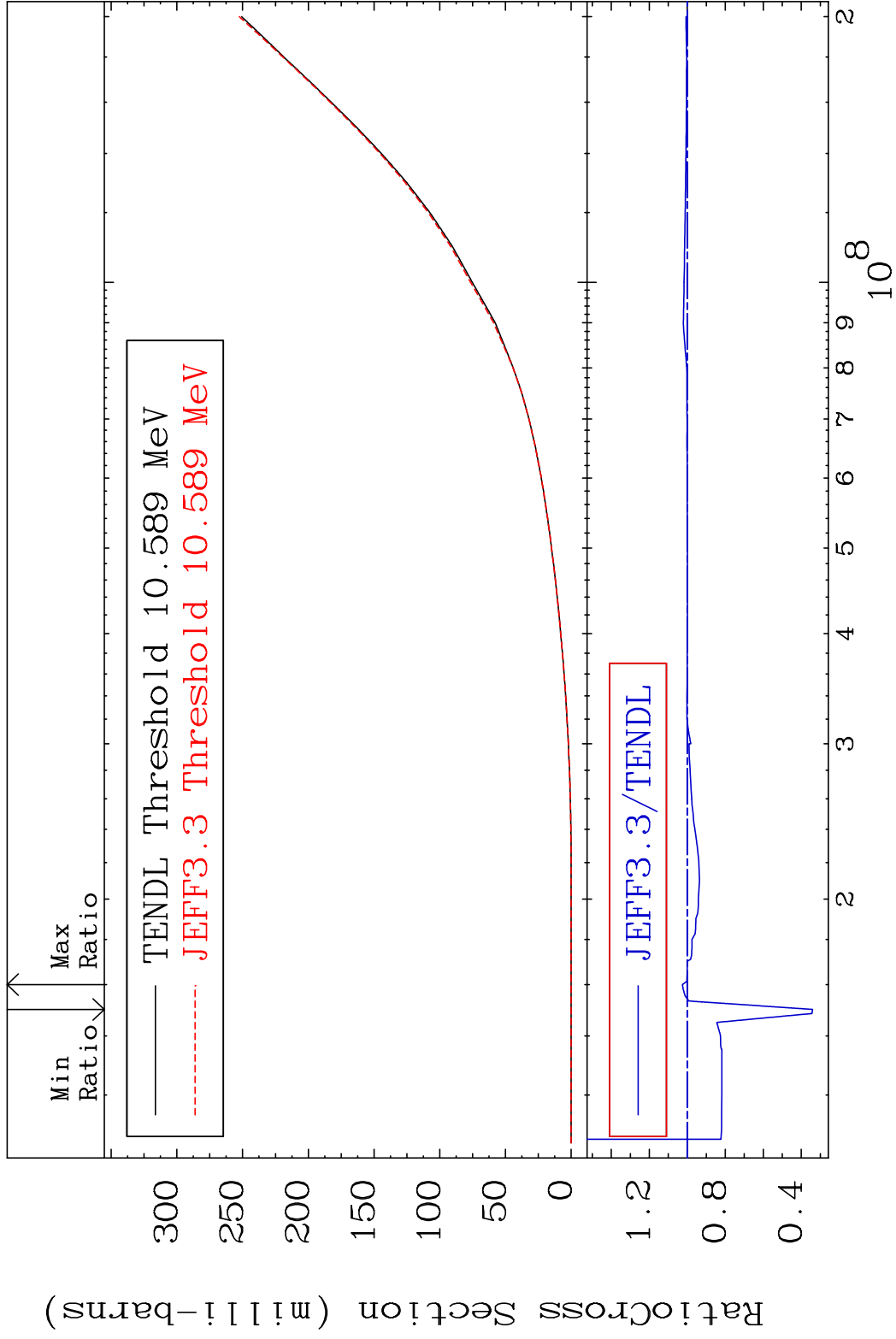
36-Kr-83

MAT 3640

He-3 Production

36-Kr-83

Cross Section -65.92 To 2.599 %



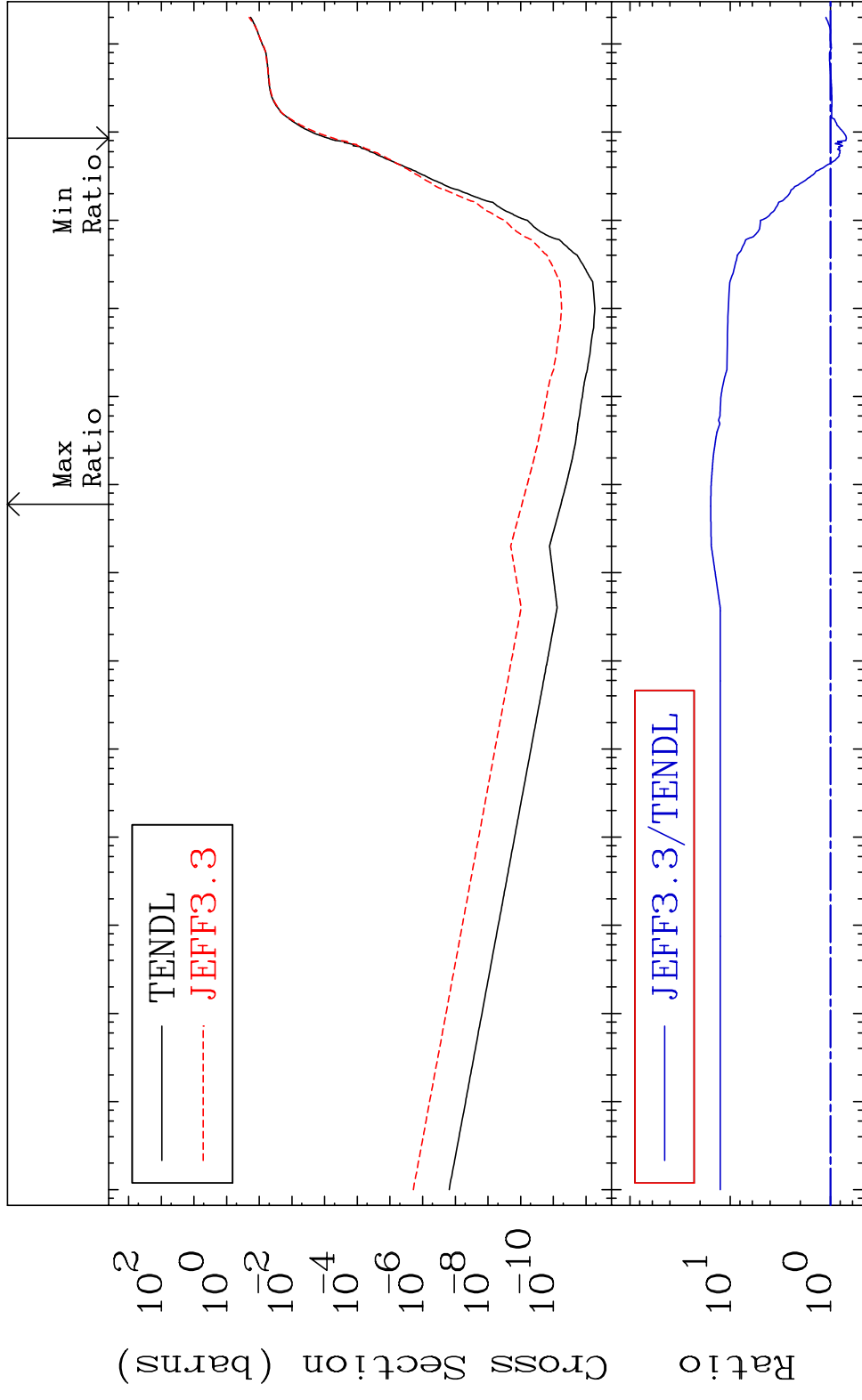
63

Incident Energy (eV)

36-Kr-83

MAT 3640

He-4 Production Cross Section
-30.66 To 1465. %
36-Kr-83

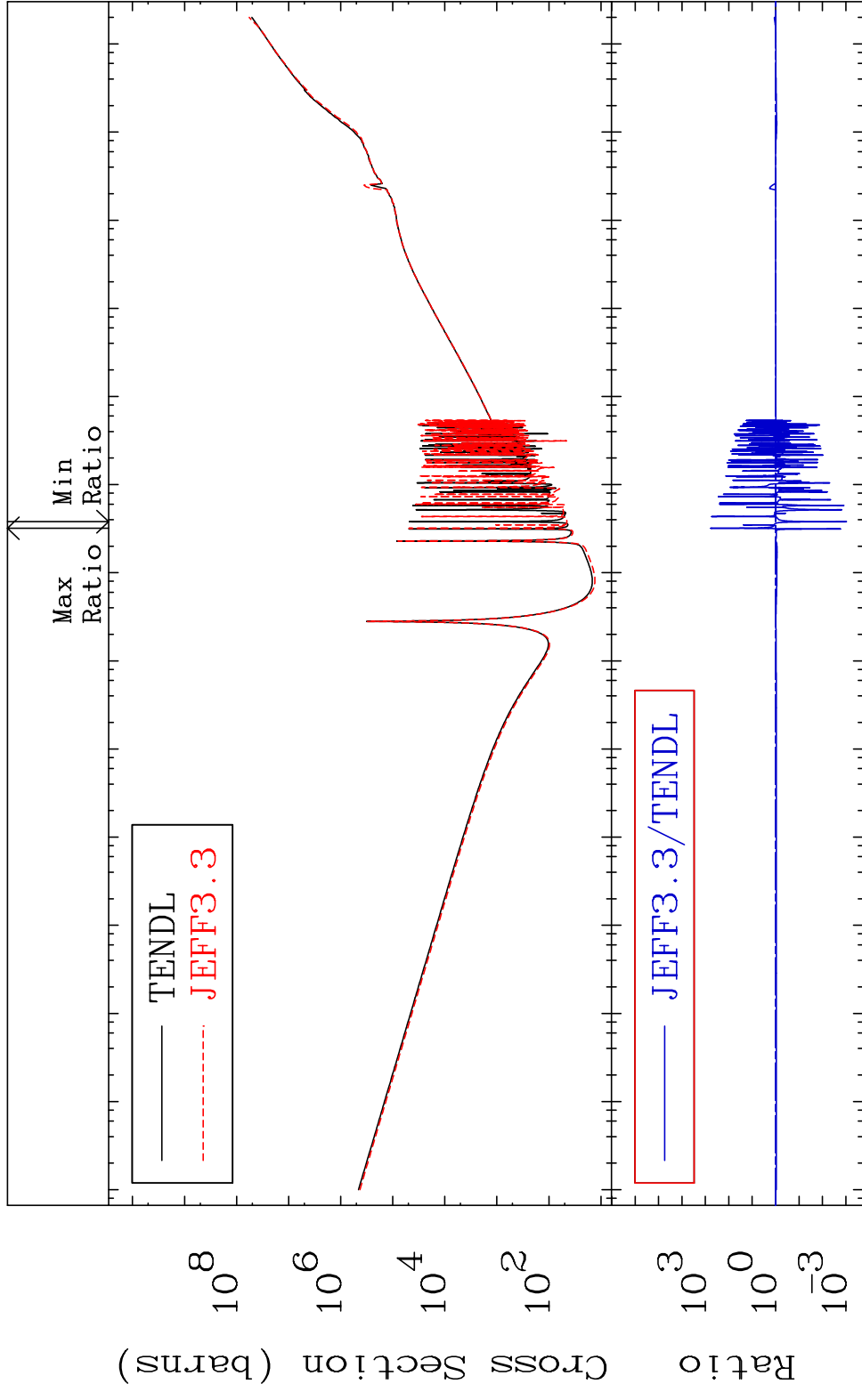


64

Incident Energy (eV)

36-Kr-83

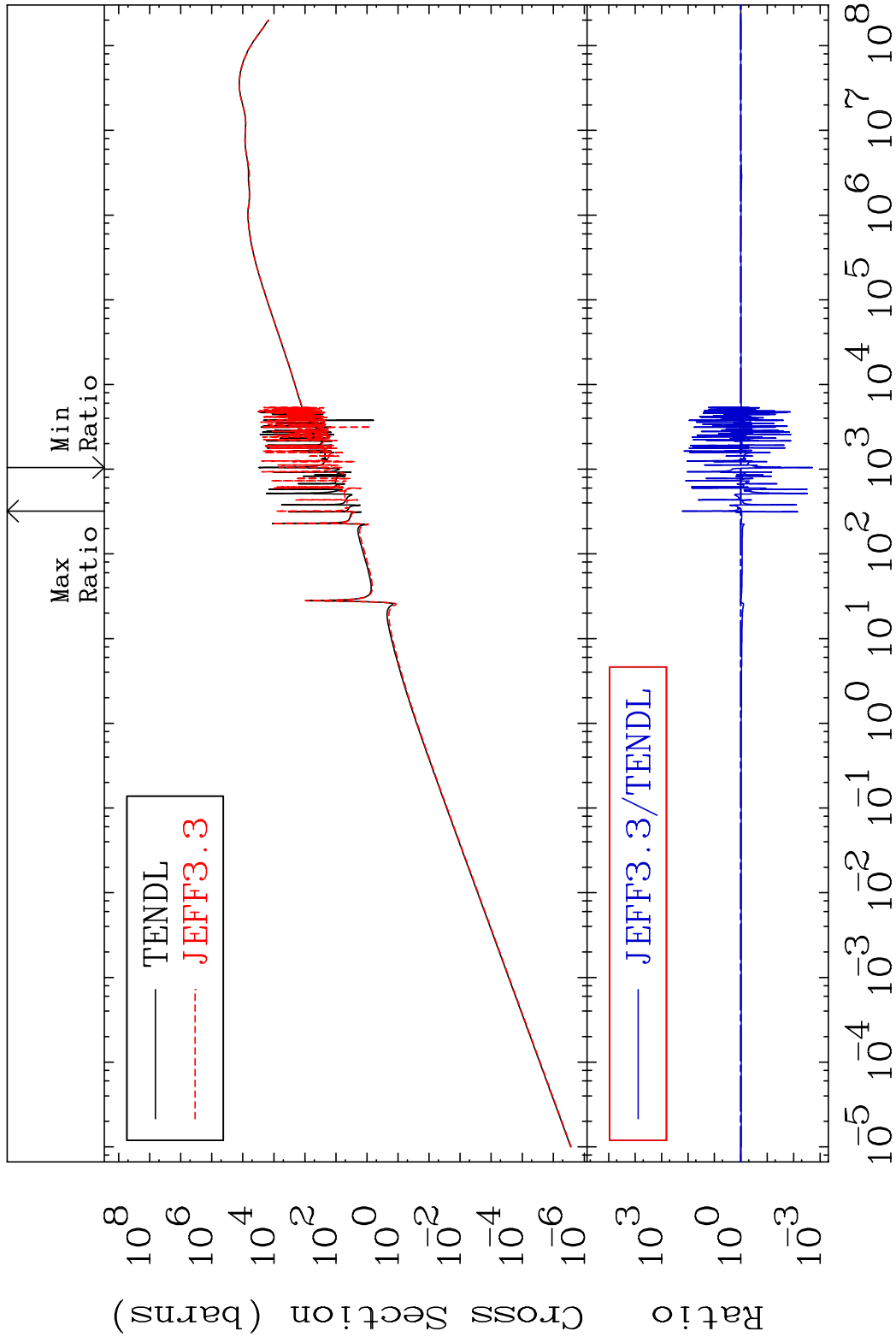
MAT 3640 Kerma total (eV-barns) 36-Kr-83
 Cross Section -99.91 To 9999. %



65 Incident Energy (eV) 36-Kr-83

MAT 3640

Kerma elastic Cross Section -99.81 To 9999. %
36-Kr-83

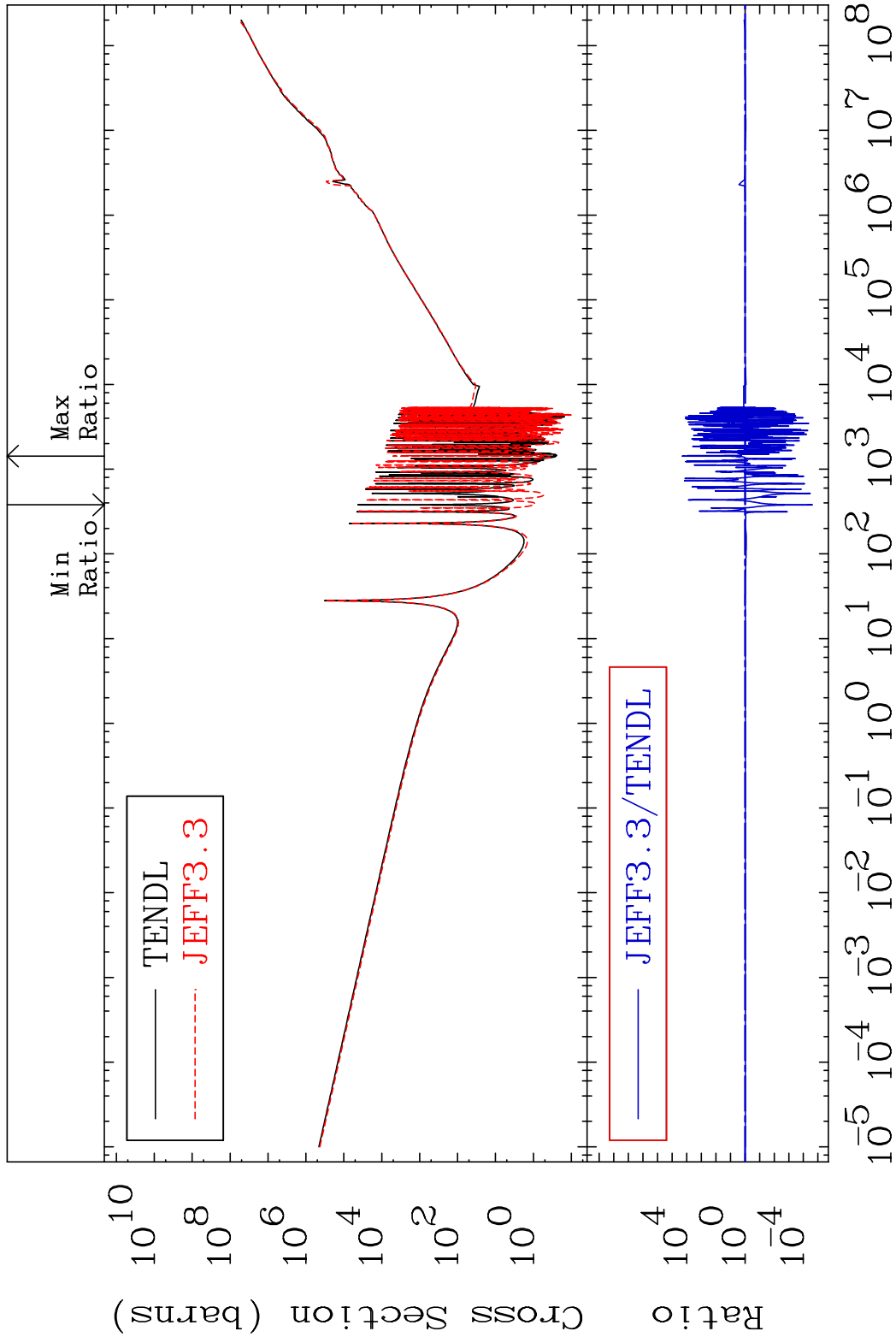


66

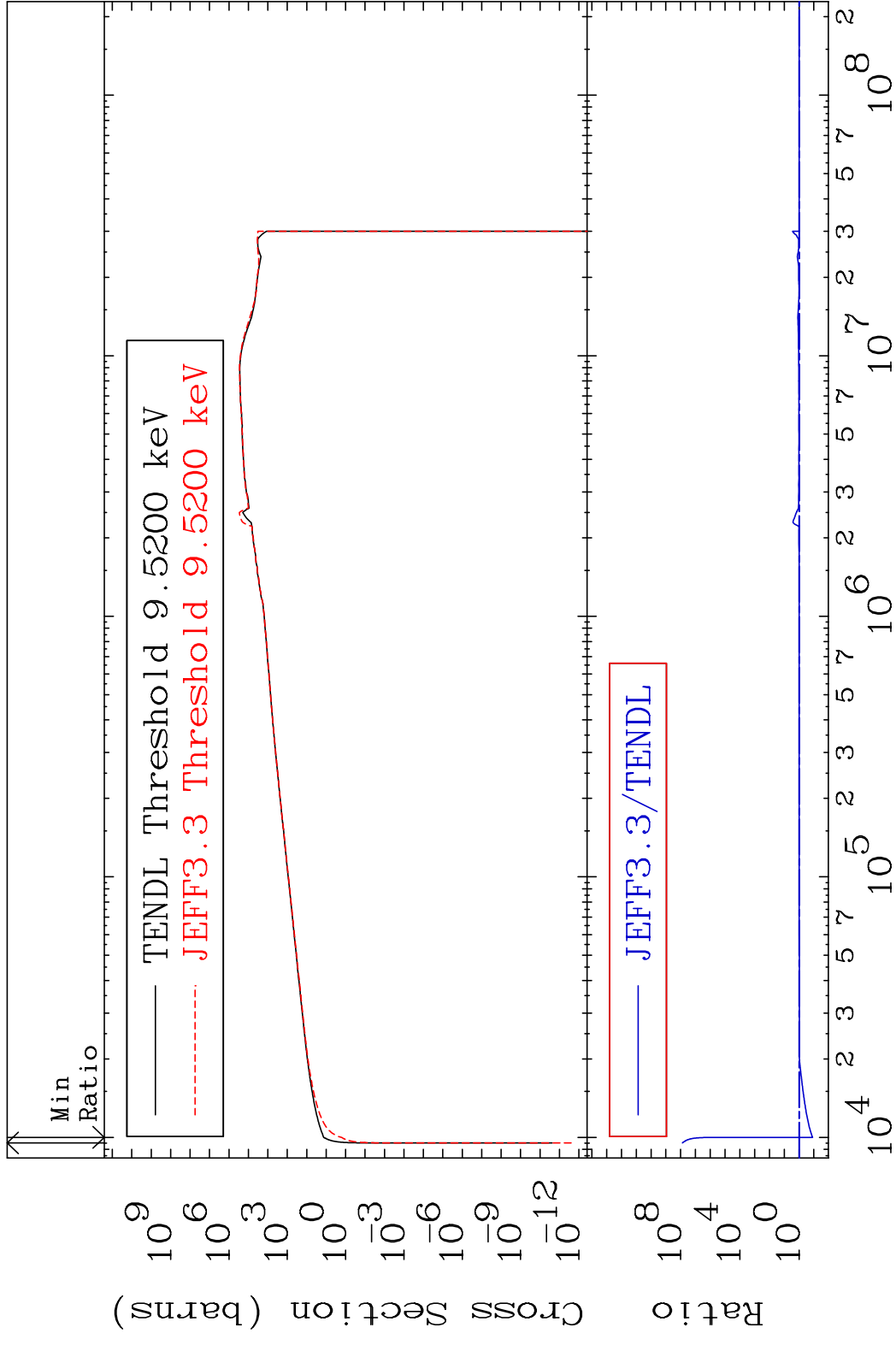
Incident Energy (eV)

36-Kr-83

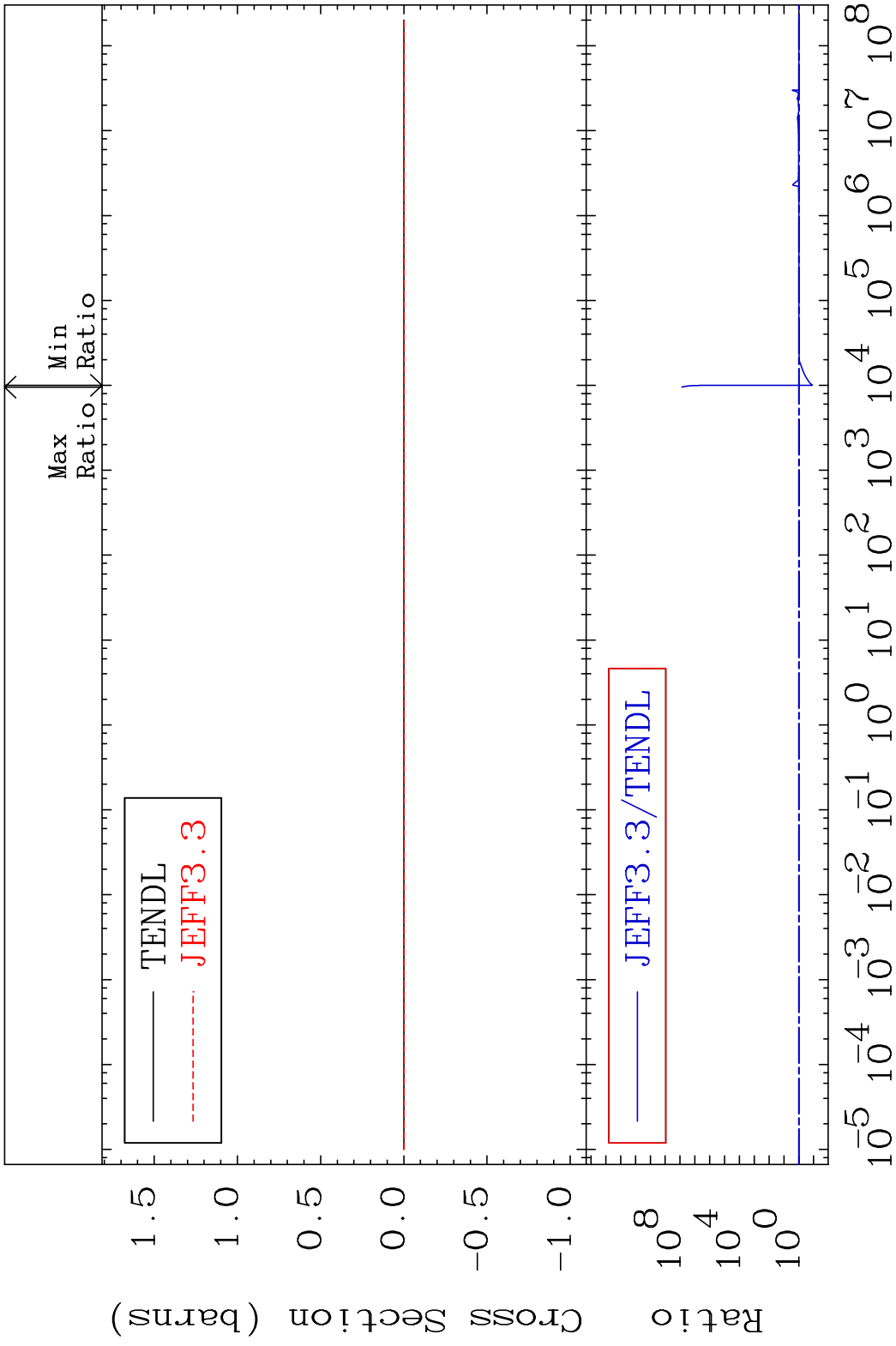
MAT 3640 Kerma non-elastic (all but mt2) 36-Kr-83
 Cross Section -100.0 To 9999. %



MAT 3640 Kerma inelastic (mt51-91) 36-Kr-83
 Cross Section -87.78 To 9999. %



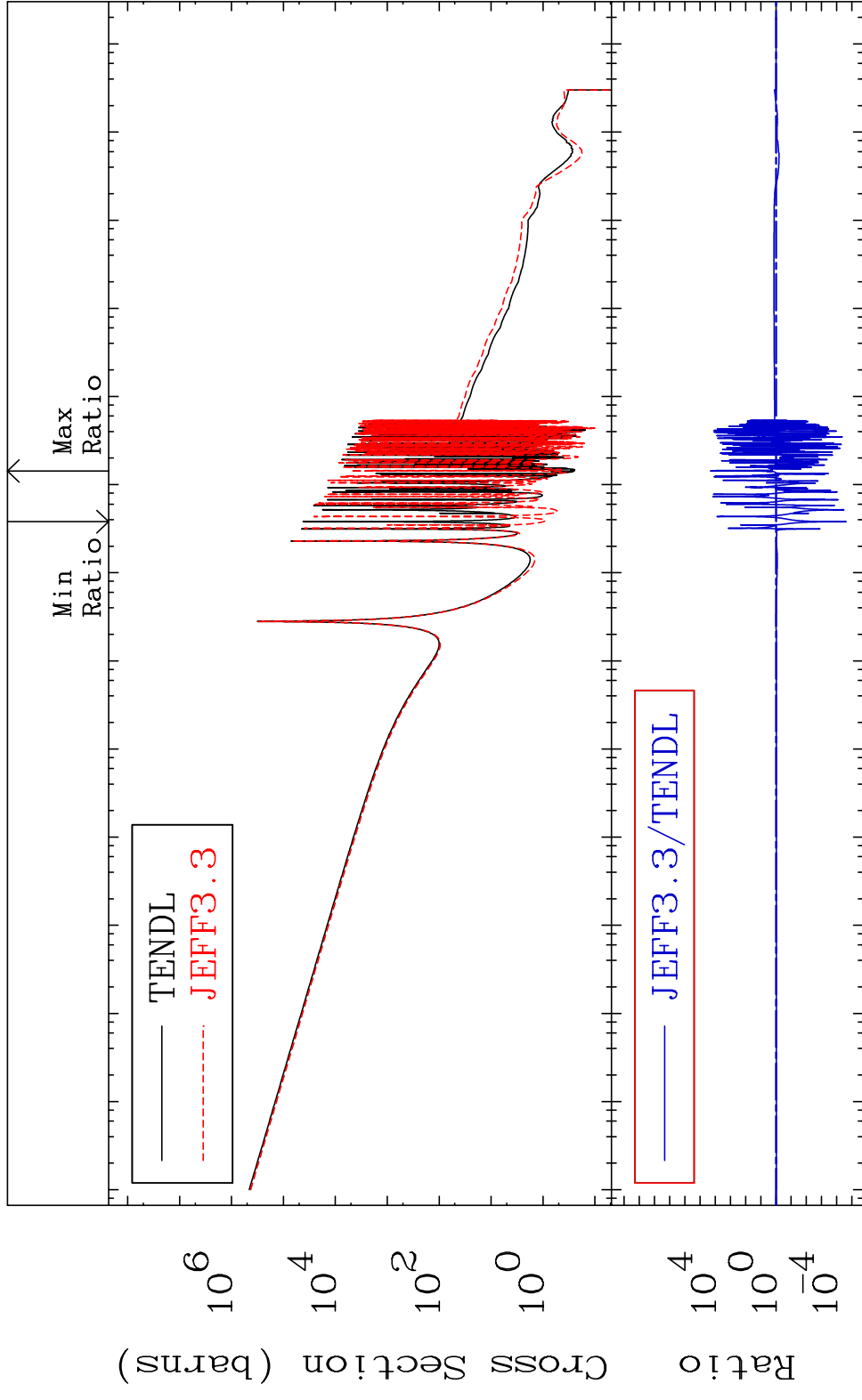
MAT 3640 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-83
 Cross Section -87.78 To 9999. %



MAT 3640

Kerma capture (mt102) 36-Kr-83

Cross Section -100.0 To 9999. %



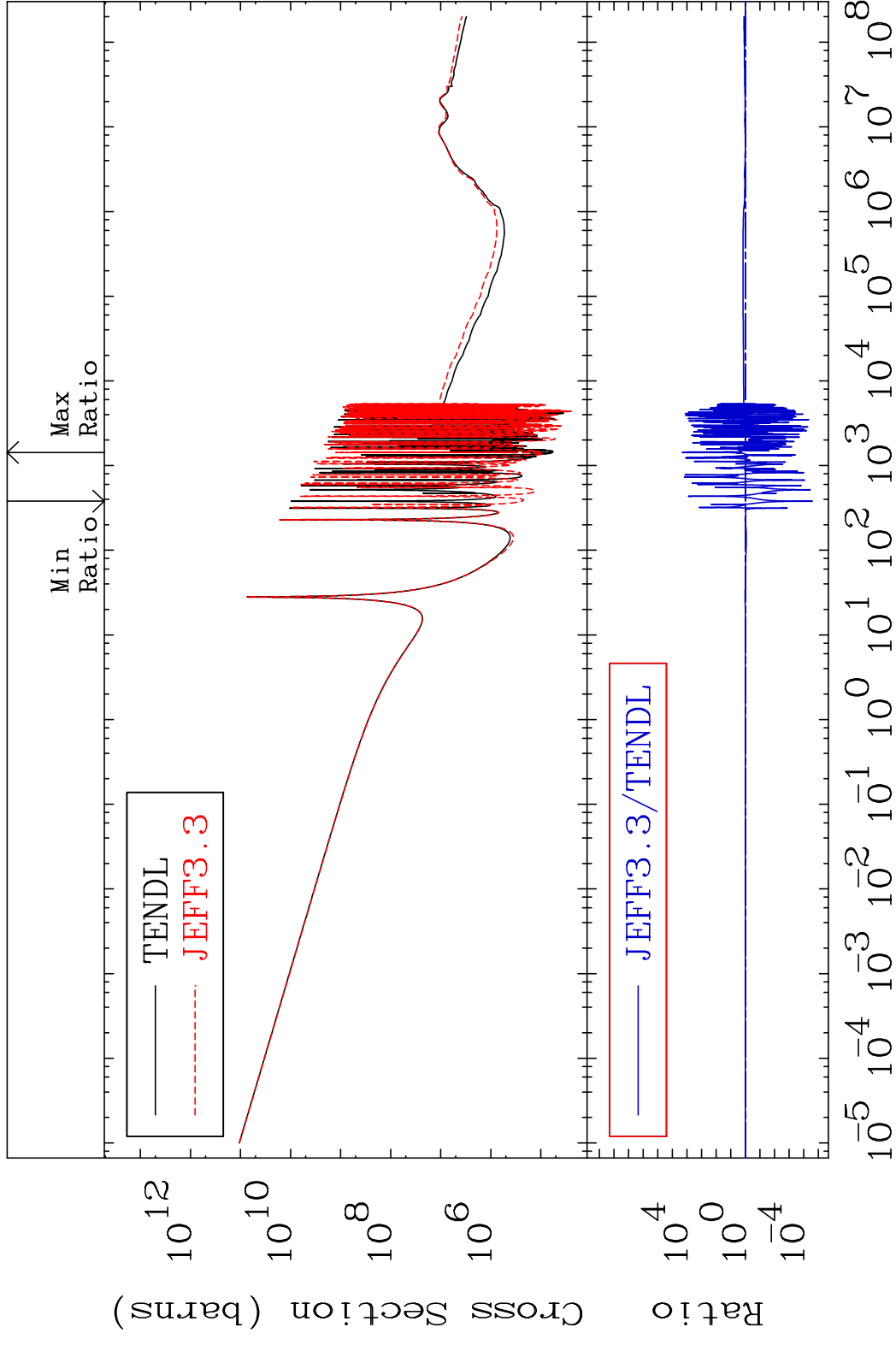
70 10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

70

Incident Energy (eV)

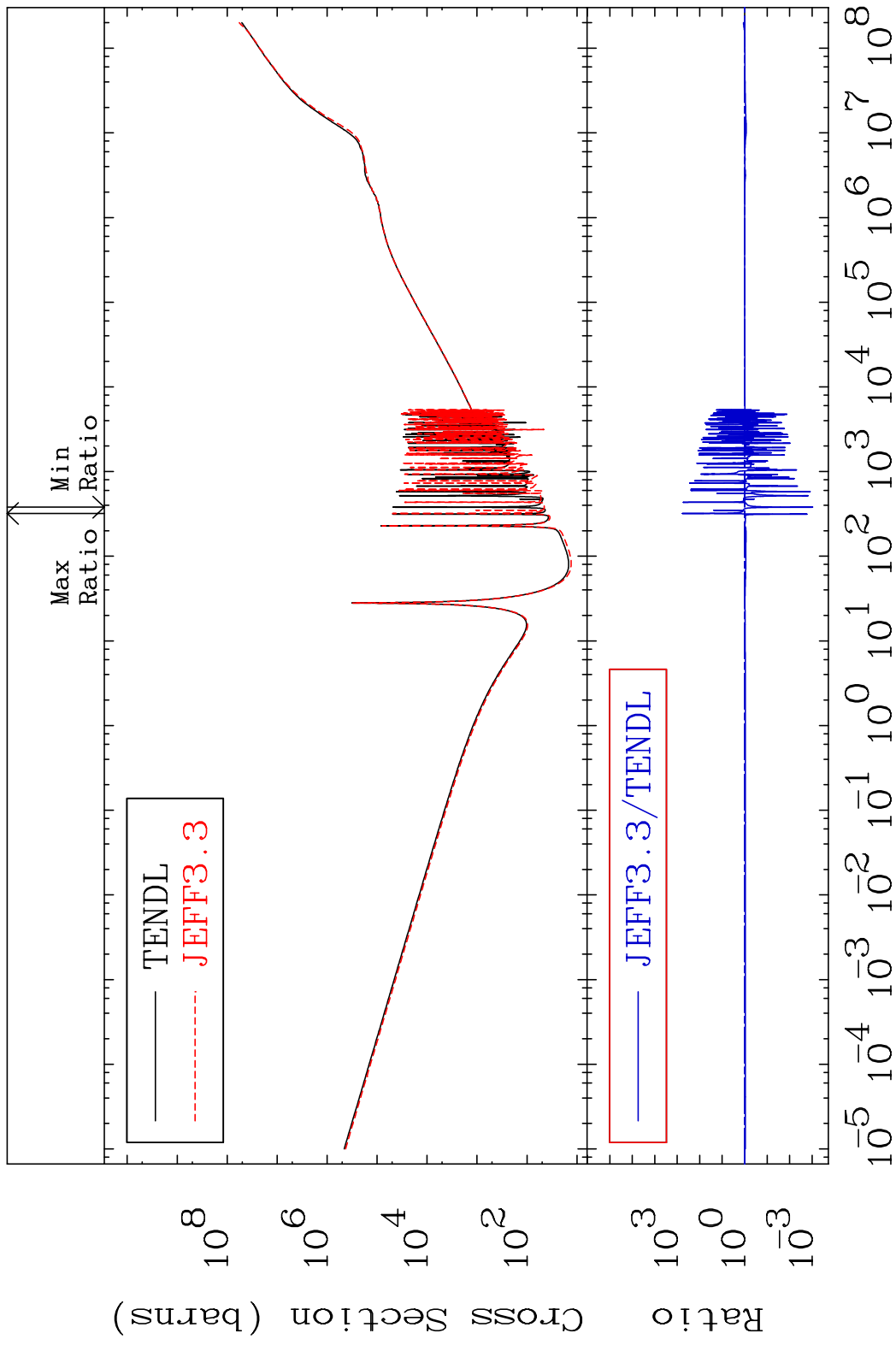
36-Kr-83

MAT 3640 Total photon (eV-barns) 36-Kr-83
 Cross Section -100.0 To 9999. %

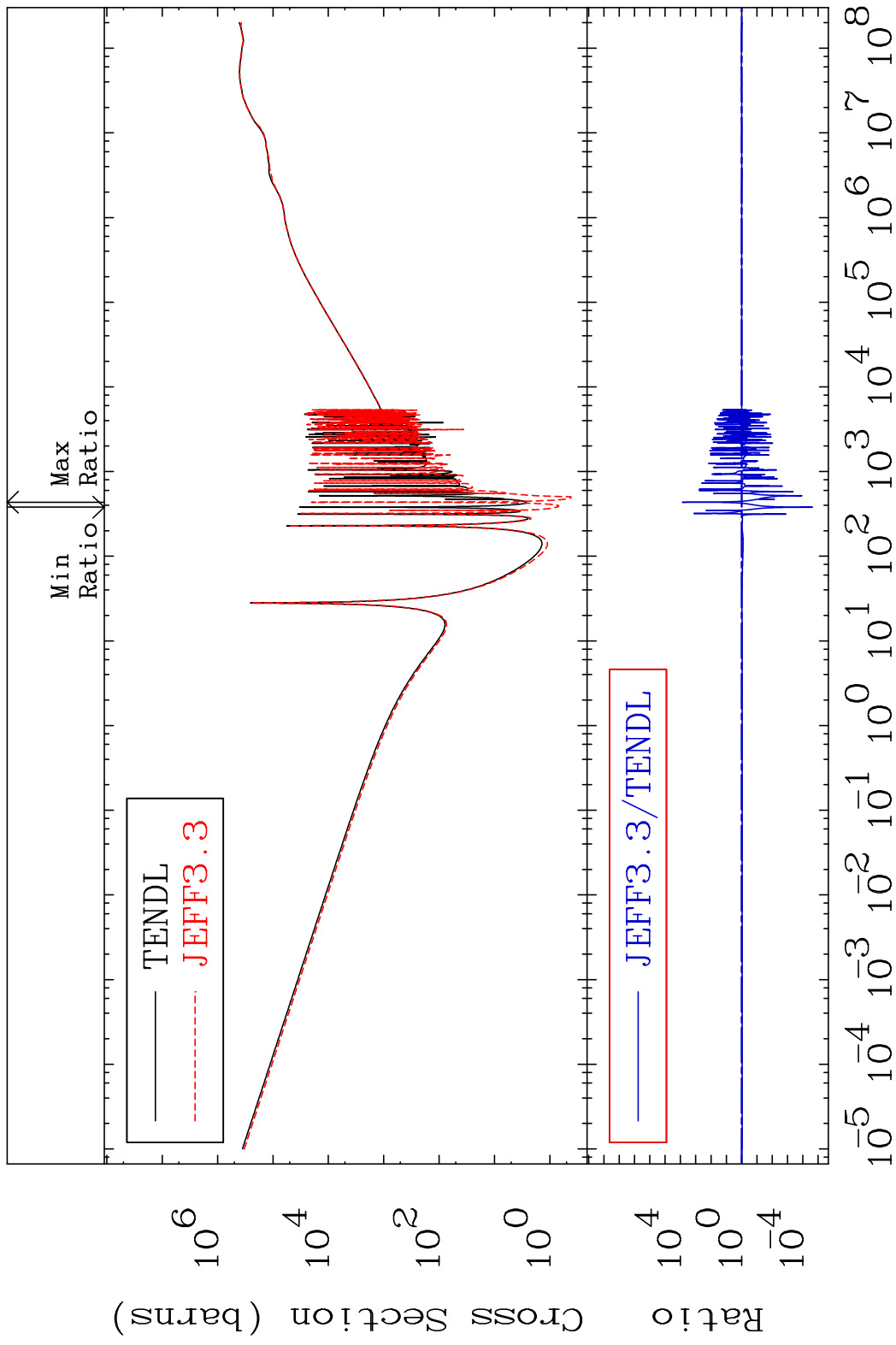


71 Incident Energy (eV) 36-Kr-83

MAT 3640 Total kinematic kerma (high limit) 36-Kr-83
 Cross Section -99.91 To 9999. %



MAT 3640 Dpa total (eV-barns) 36-Kr-83
 Cross Section -100.0 To 9999. %



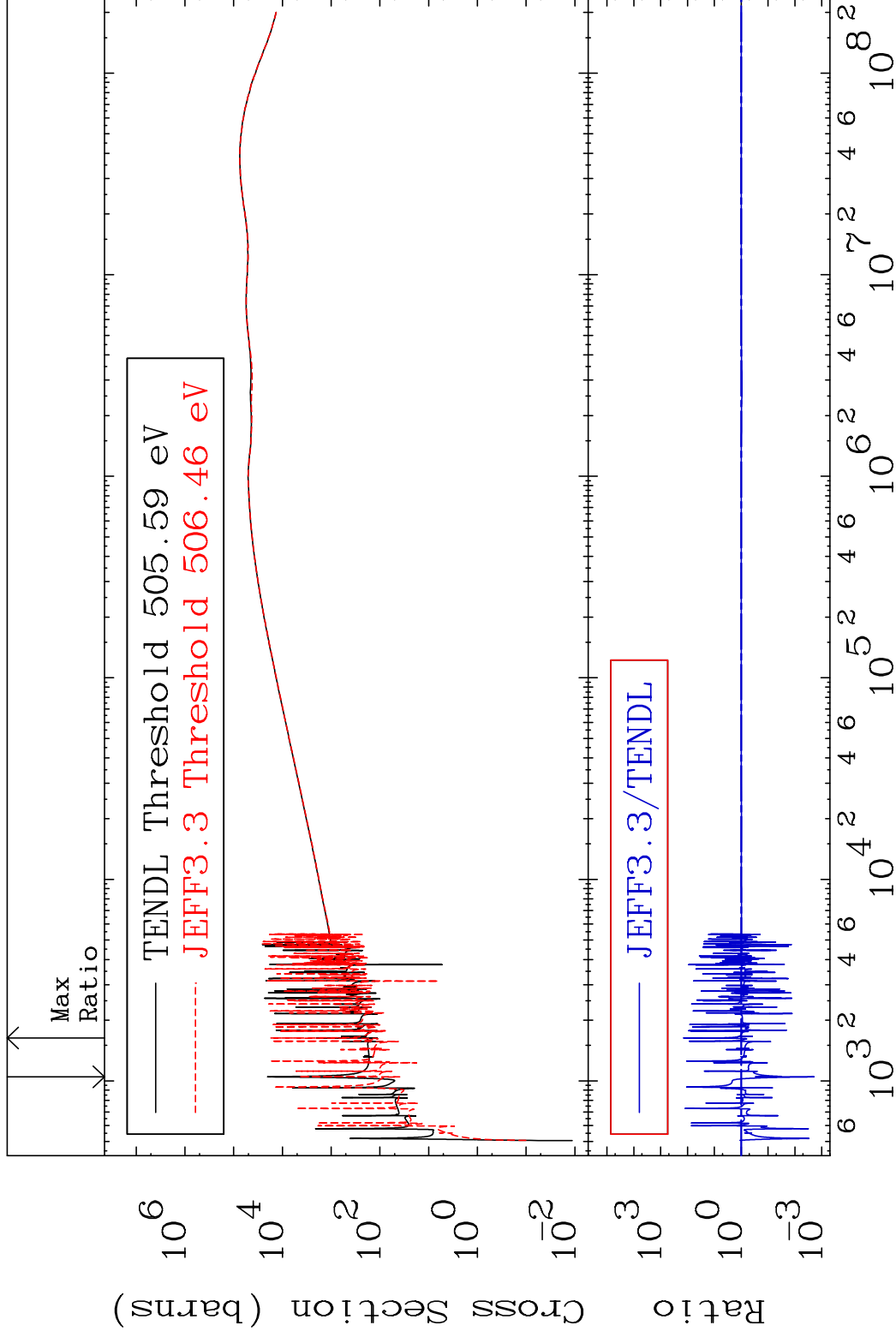
73 Incident Energy (eV) 36-Kr-83

MAT 3640

Dpa elastic (mt2)

36-Kr-83

Cross Section -99.81 To 9999. %



74

Incident Energy (eV)

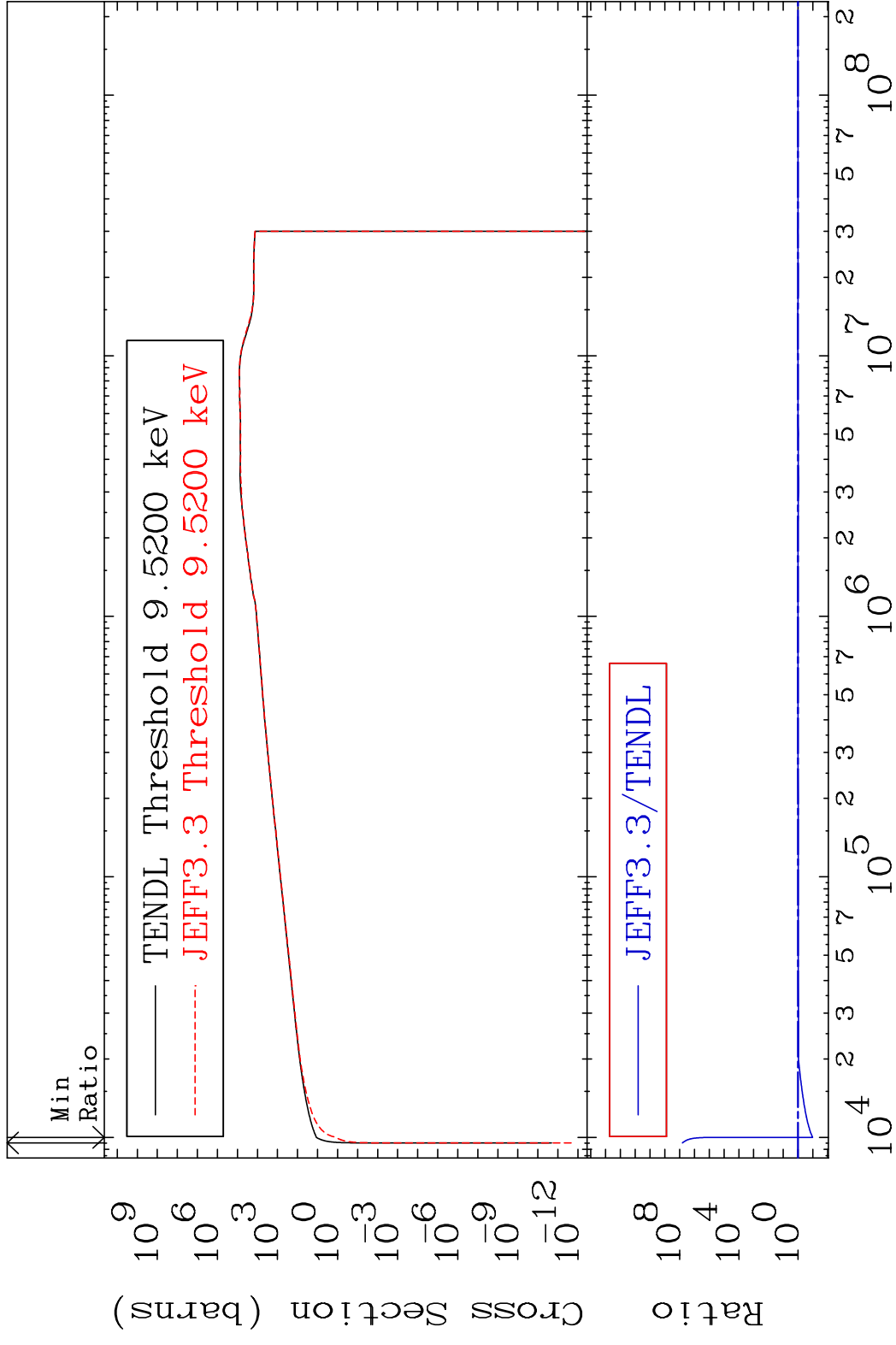
36-Kr-83

MAT 3640

Dpa inelastic (mt51-91)

36-Kr-83

Cross Section -89.51 To 9999. %

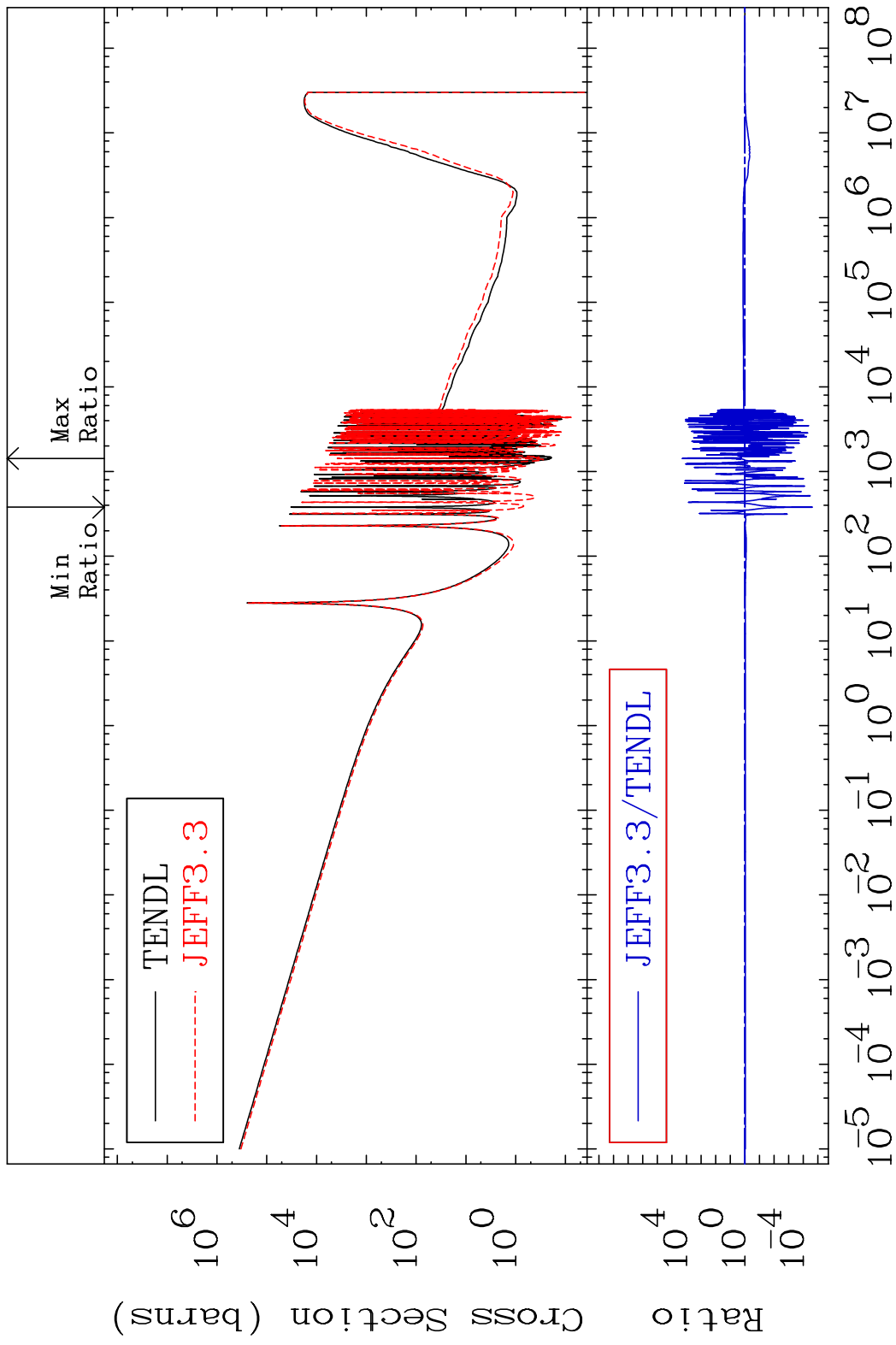


75

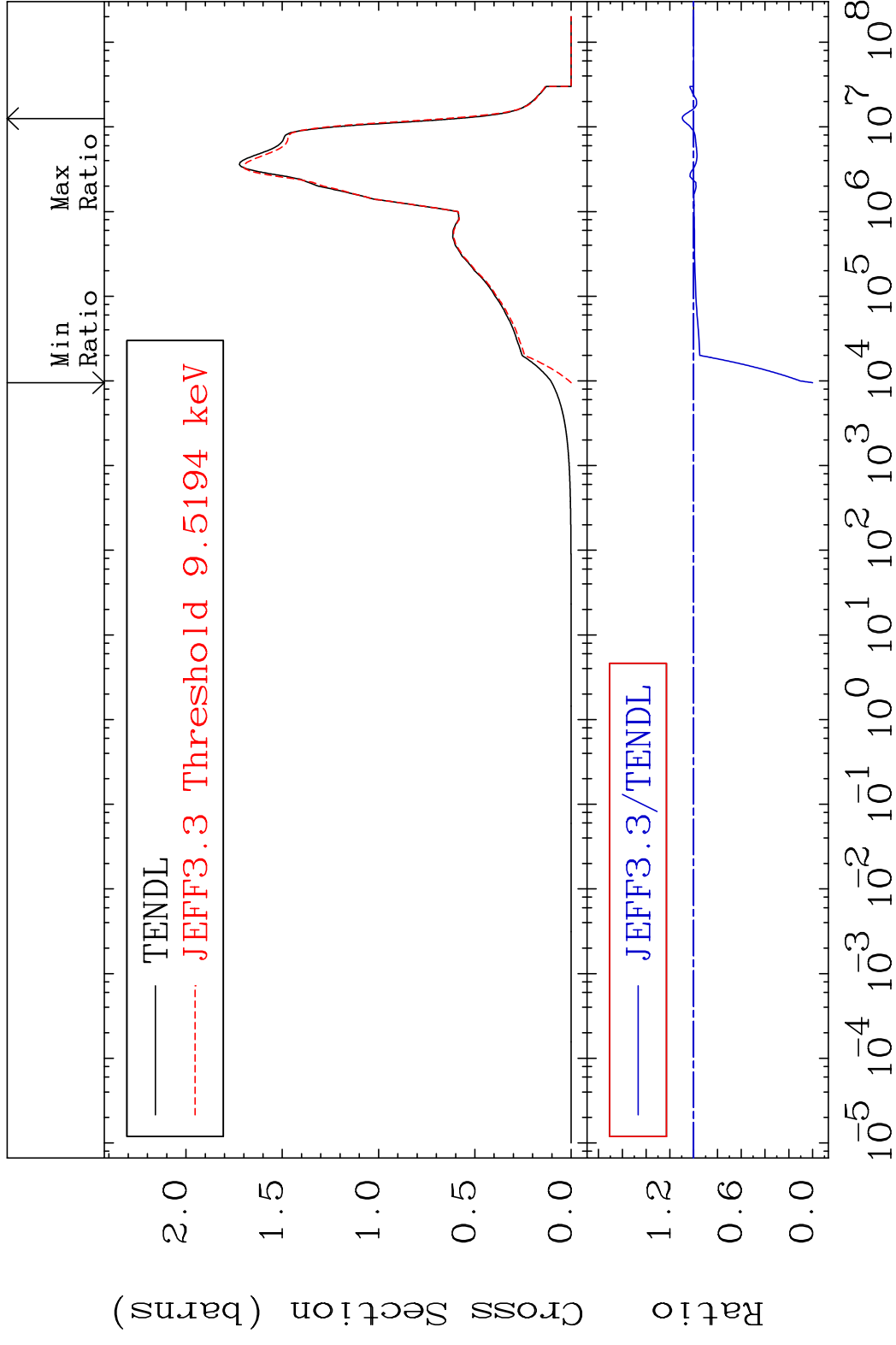
Incident Energy (eV)

36-Kr-83

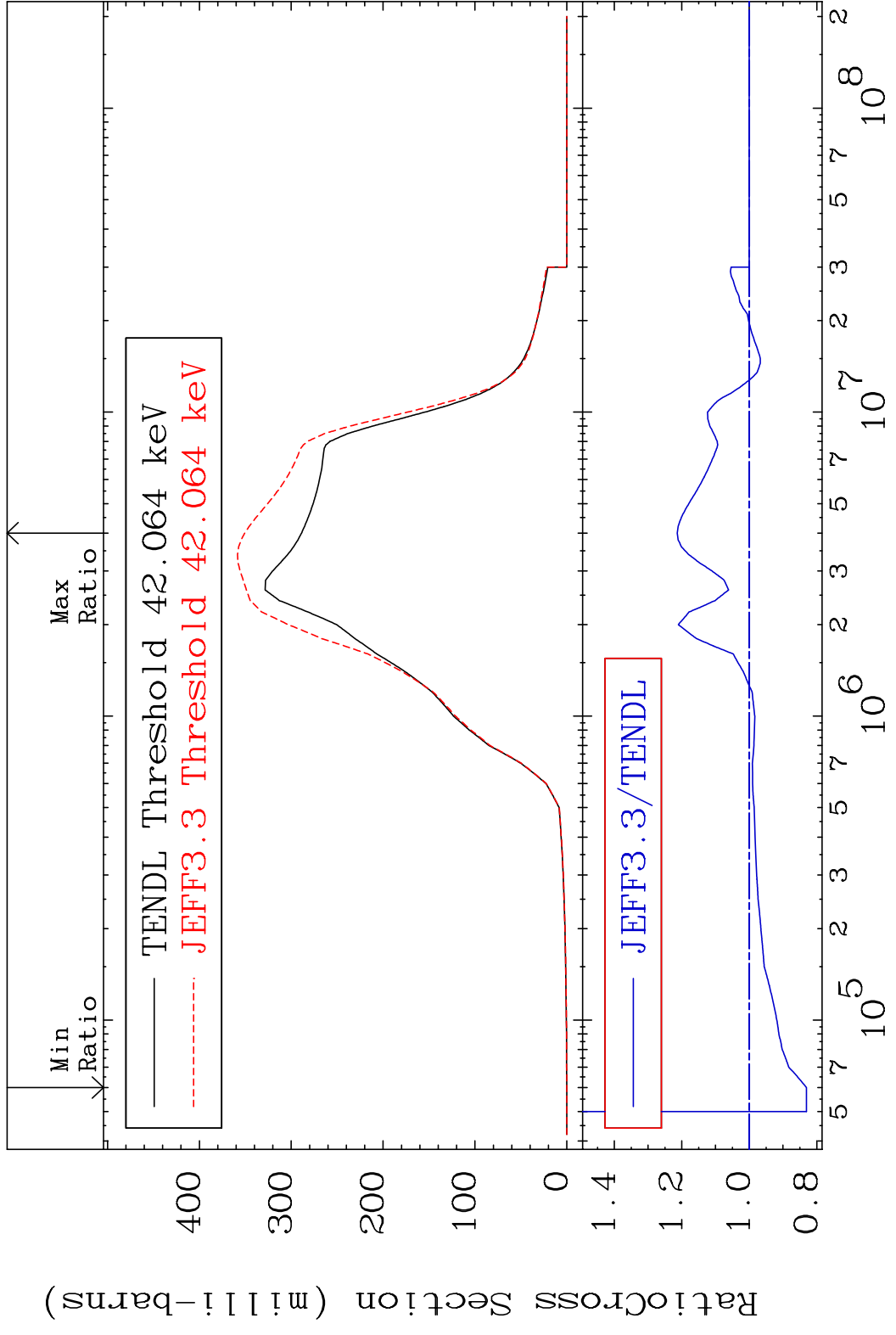
MAT 3640 Dpa disappearance (mt102 -120) 36-Kr-83
 Cross Section -100.0 To 9999. %

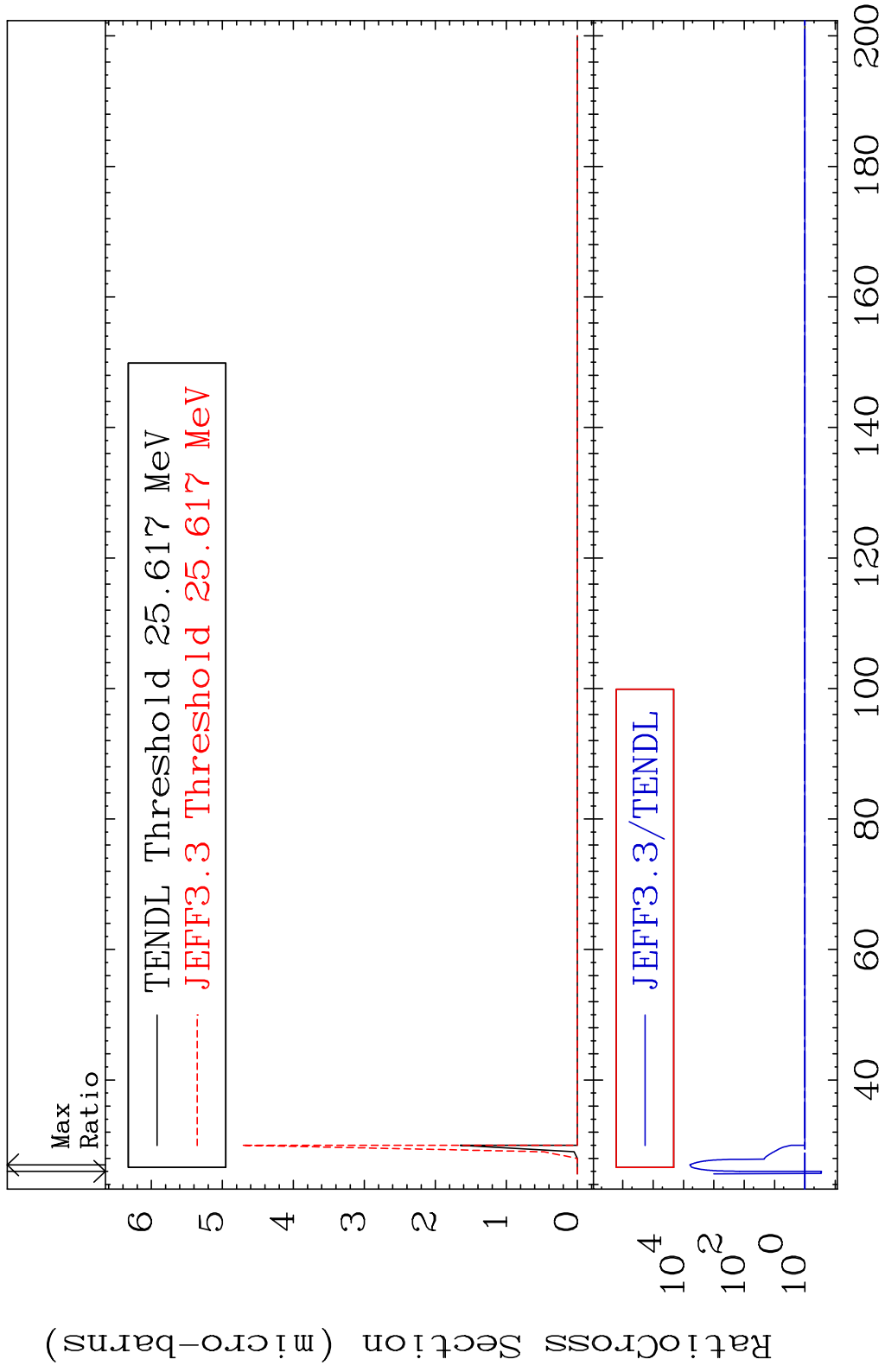


MAT 3640 Inelastic:36-Kr-83g 36-Kr-83
 Radionuclide Production Cross Section 1800.0 dth 9.510 %

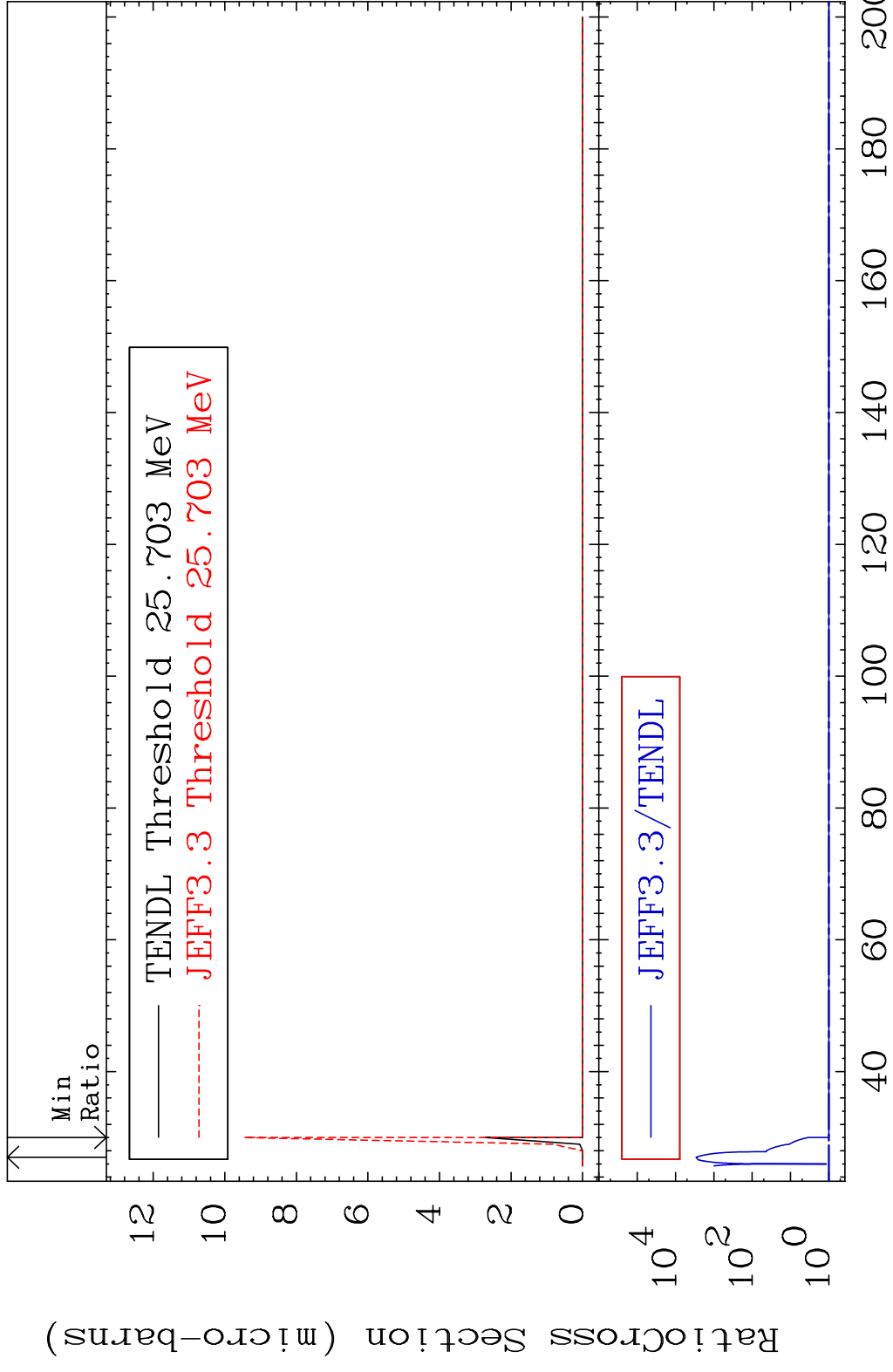


MAT 3640 Inelastic:36-Kr-83m2 36-Kr-83
 Radionuclide Production Cross Section 18e-21 d10 21.37 %



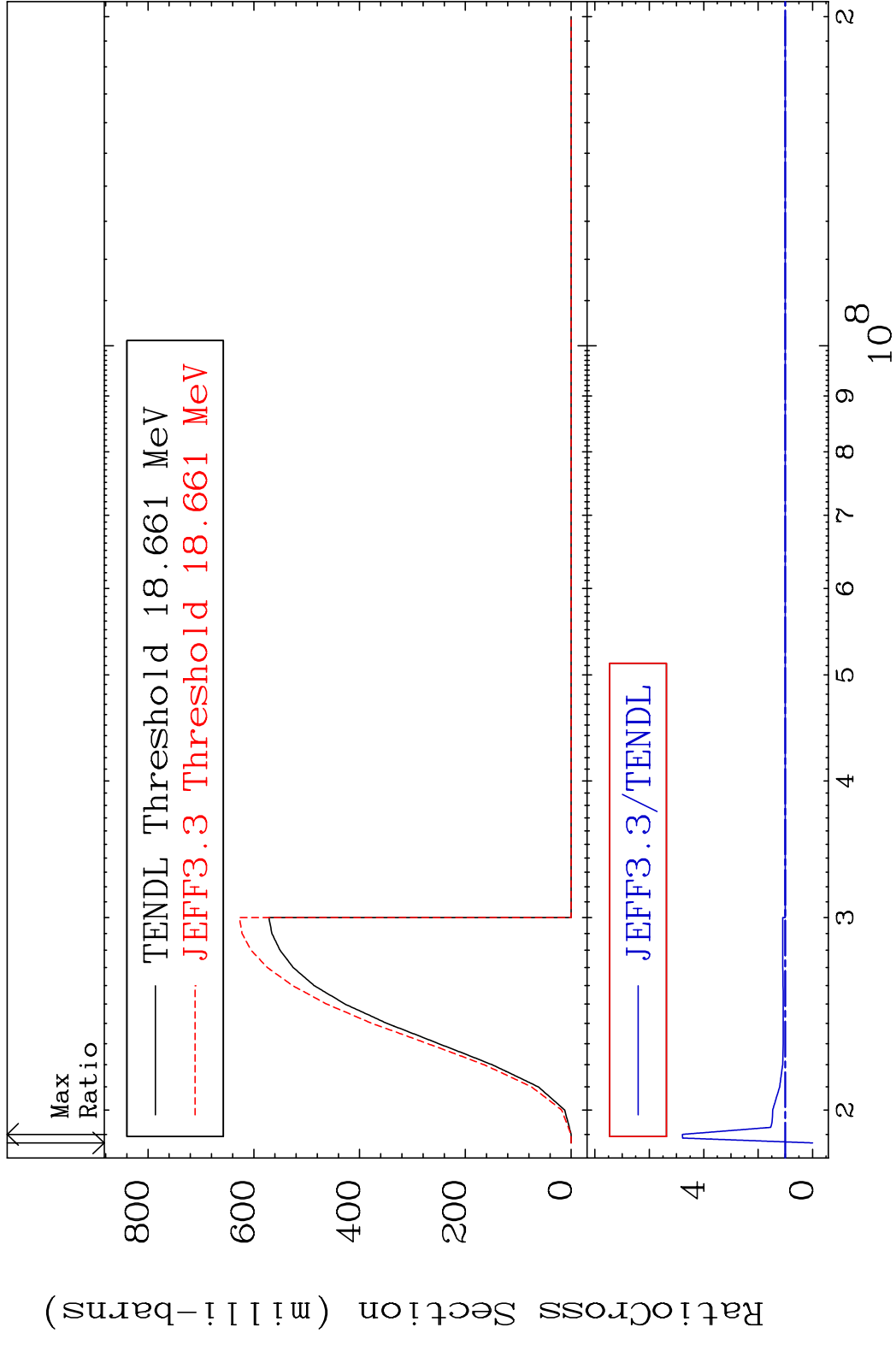


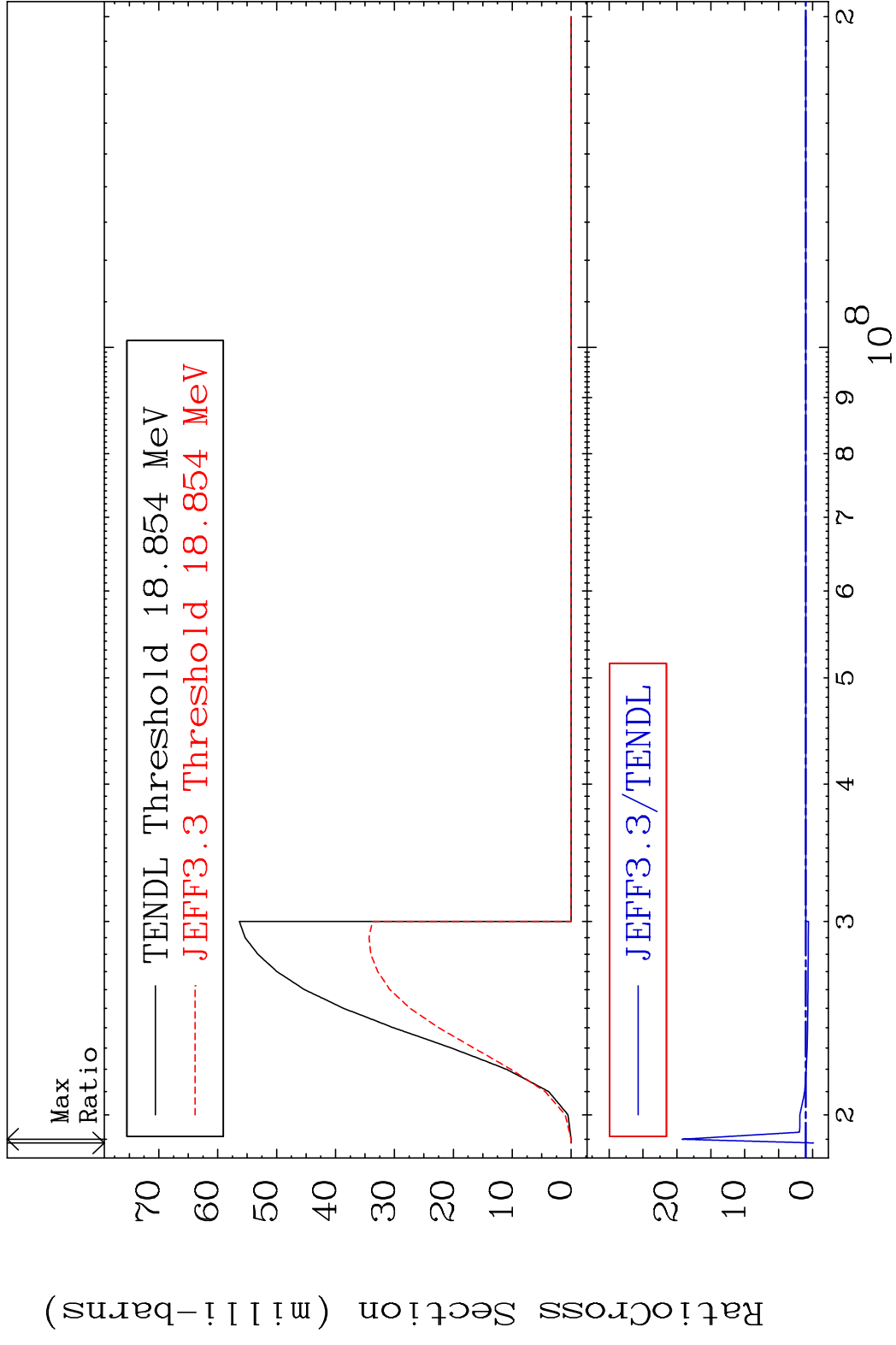
MAT 3640 (n,2n) d:35-Br-80m2 36-Kr-83
 Radionuclide Production Cross Section, %

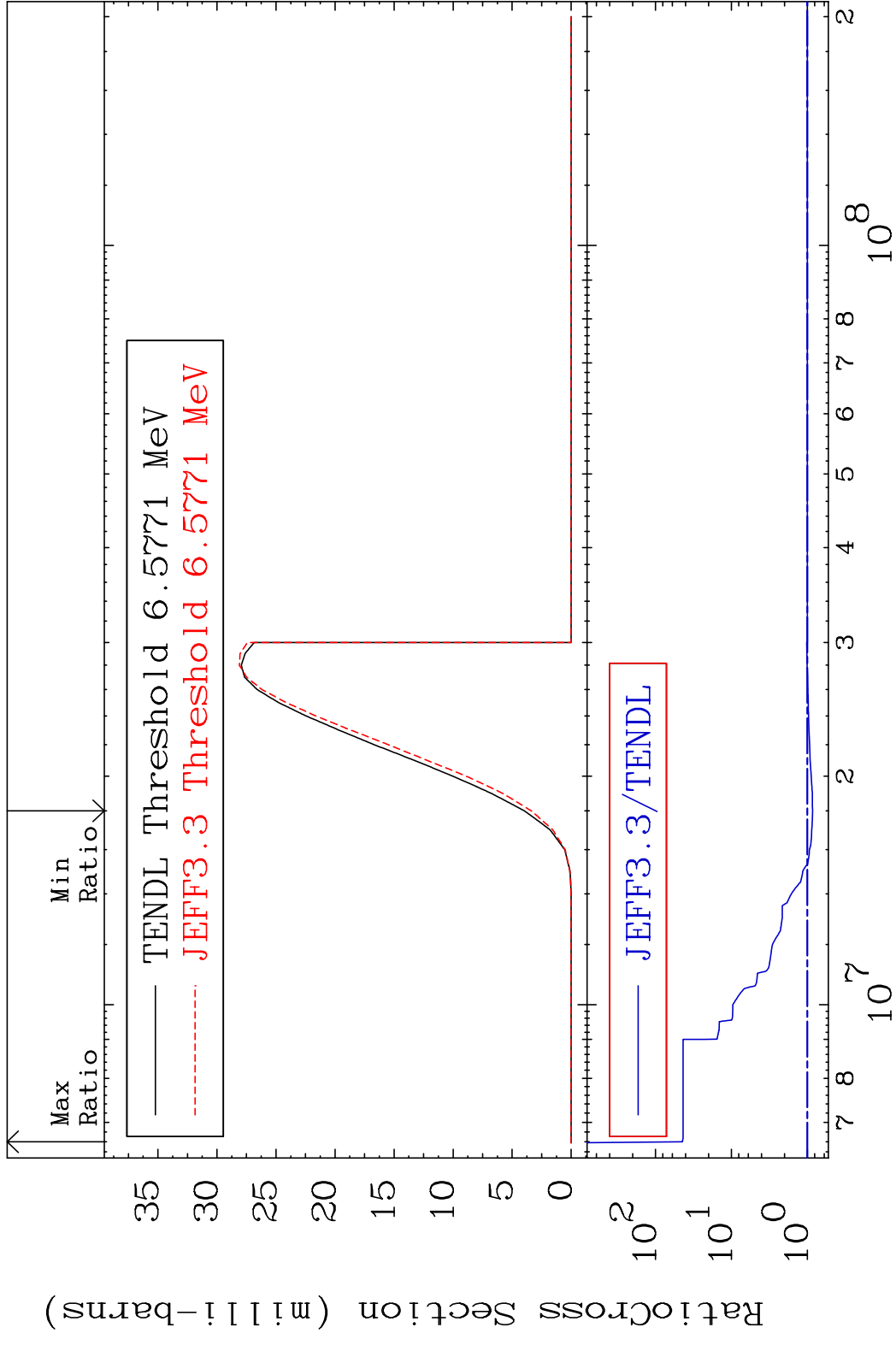


80 Incident Energy (MeV) 36-Kr-83

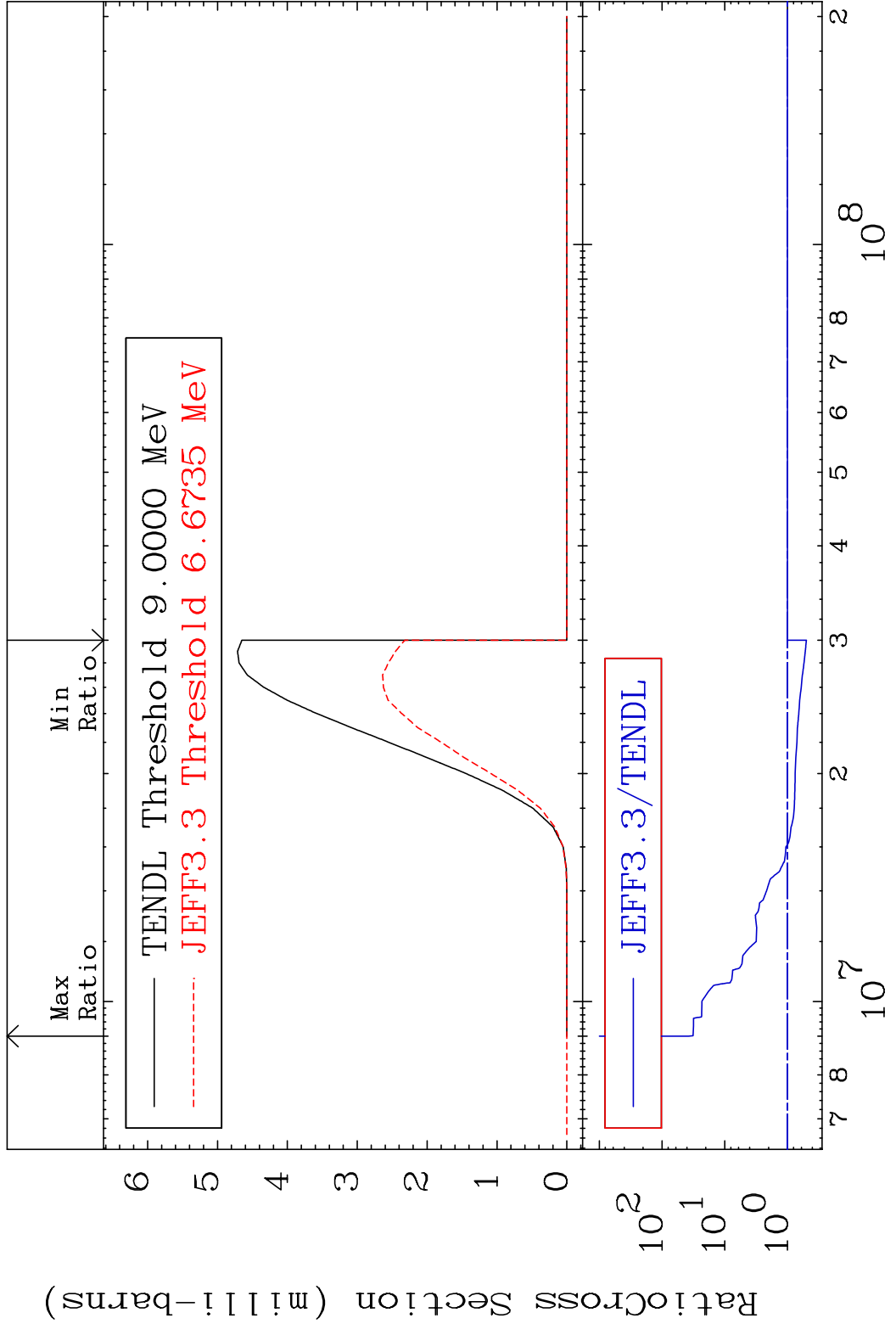
MAT 3640 (n,3n):36-Kr-81g 36-Kr-83
 Radionuclide Production Cross Section 18.661 MeV 378.5 %



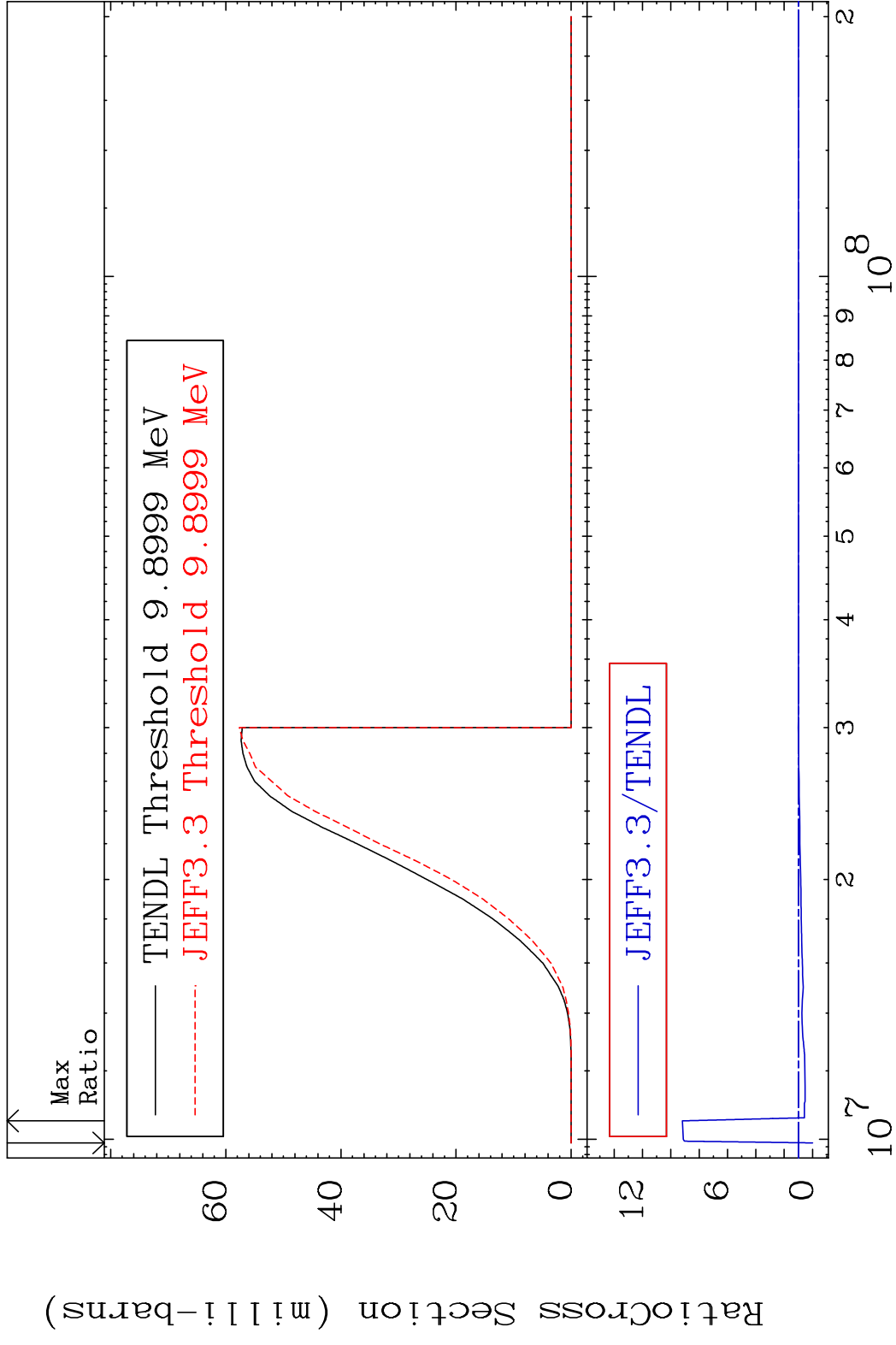




MAT 3640 (n, n') α :34-Se-79m1 36-Kr-83
 Radionuclide Production Cross Section 58e091 d10 5625. %

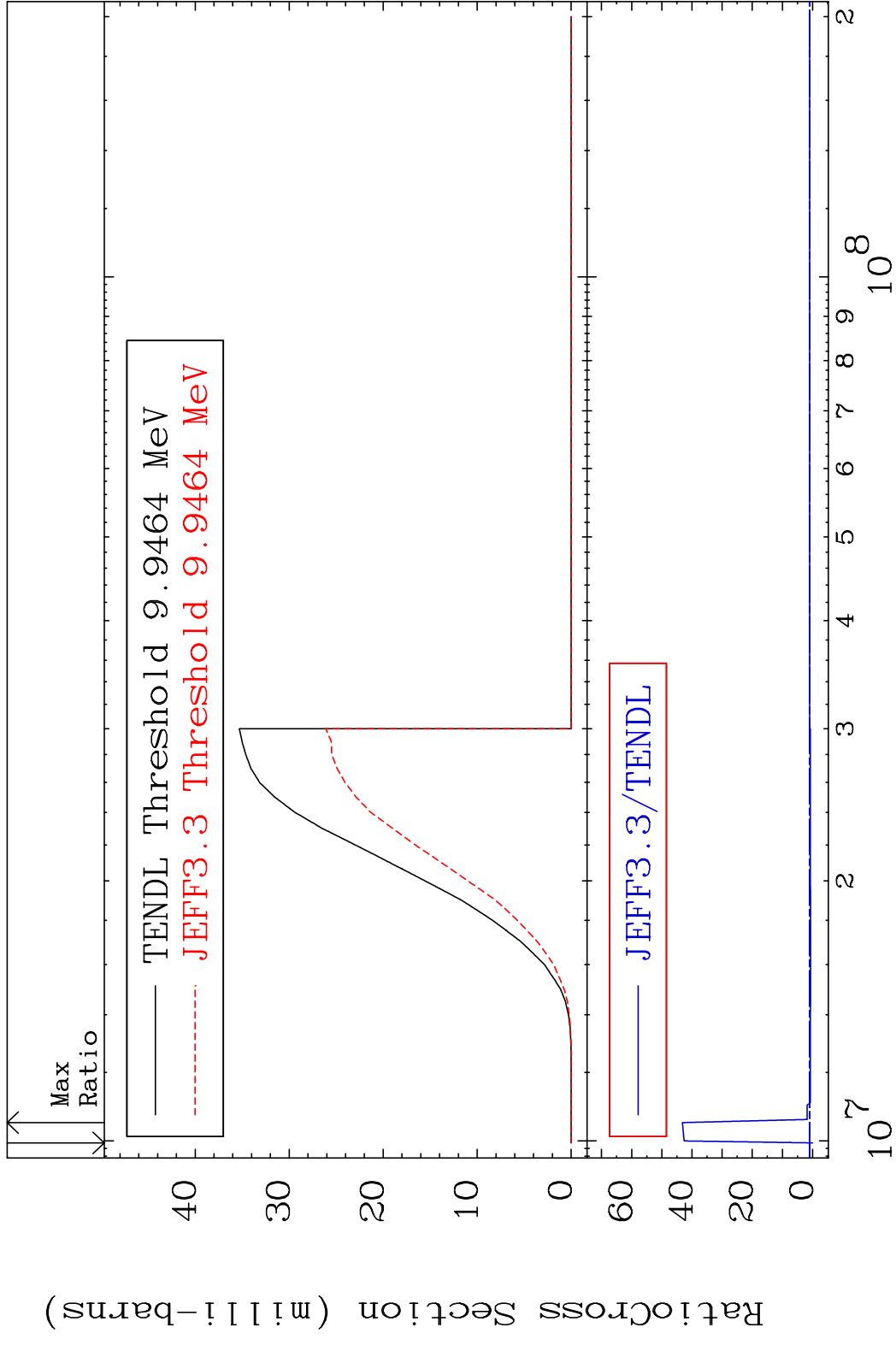


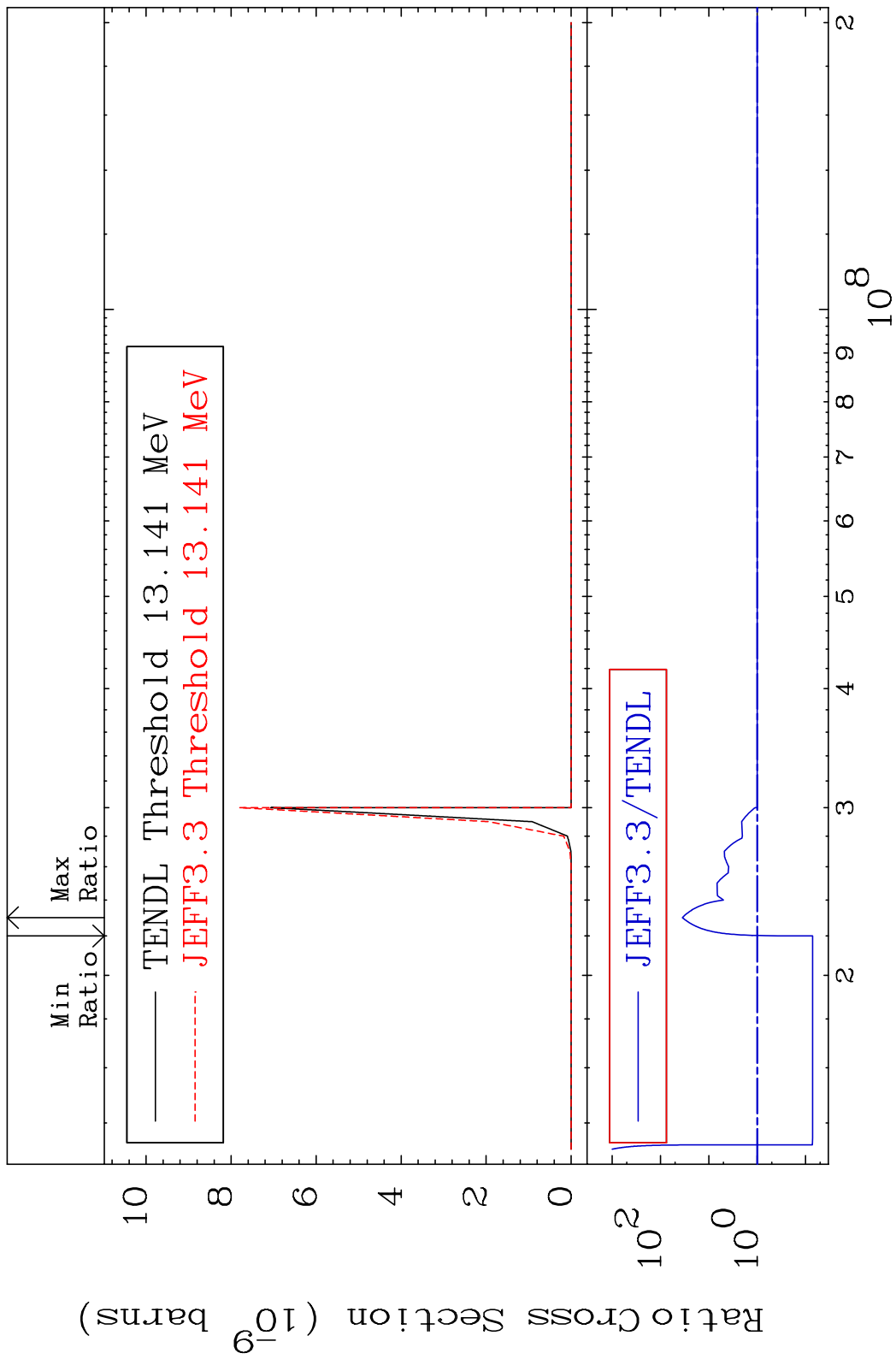
MAT 3640 (n, n') p:35-Br-82g 36-Kr-83
 Radionuclide Production Cross Section 180.01 dth 818.5 %

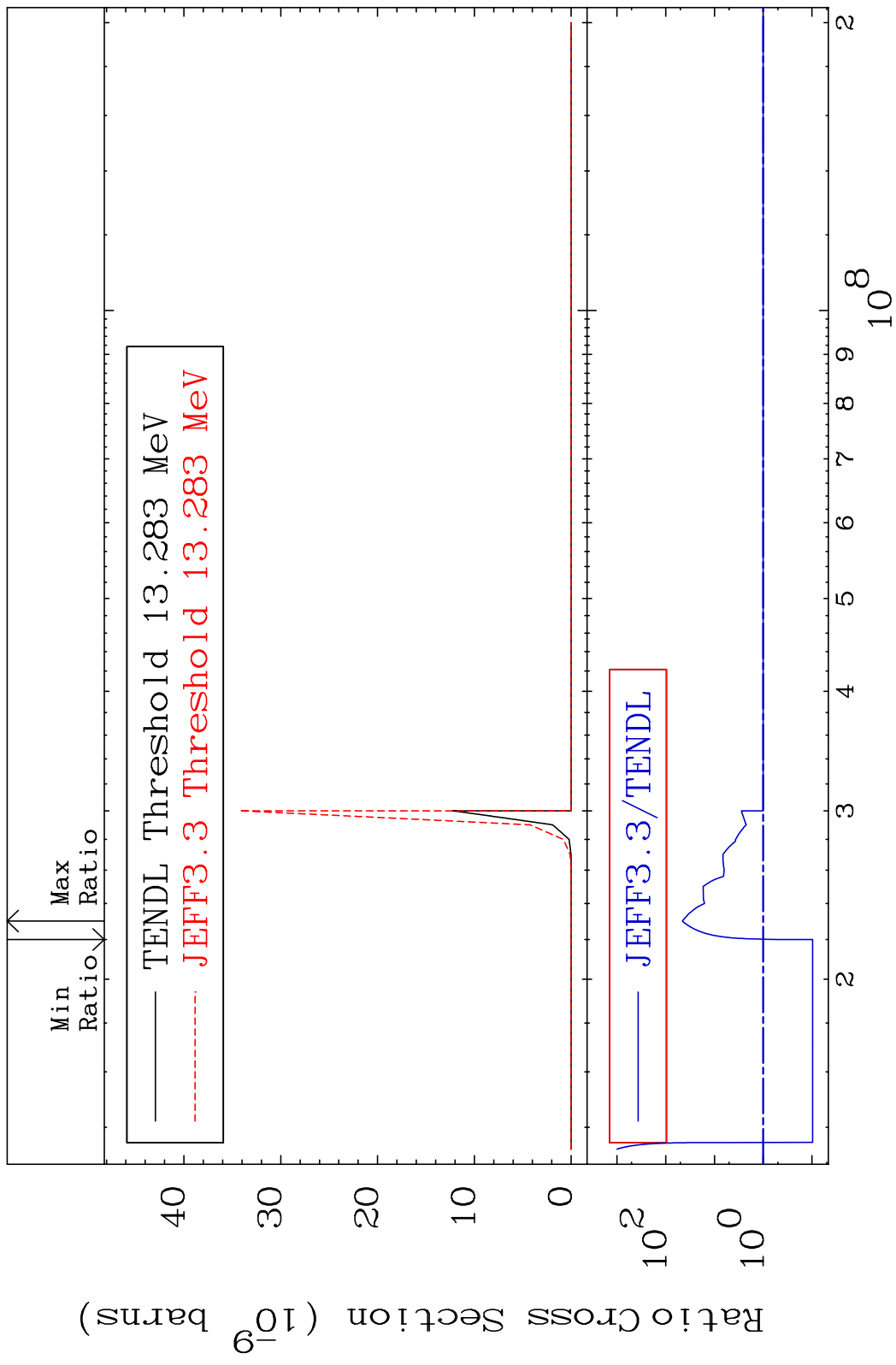


85 36-Kr-83

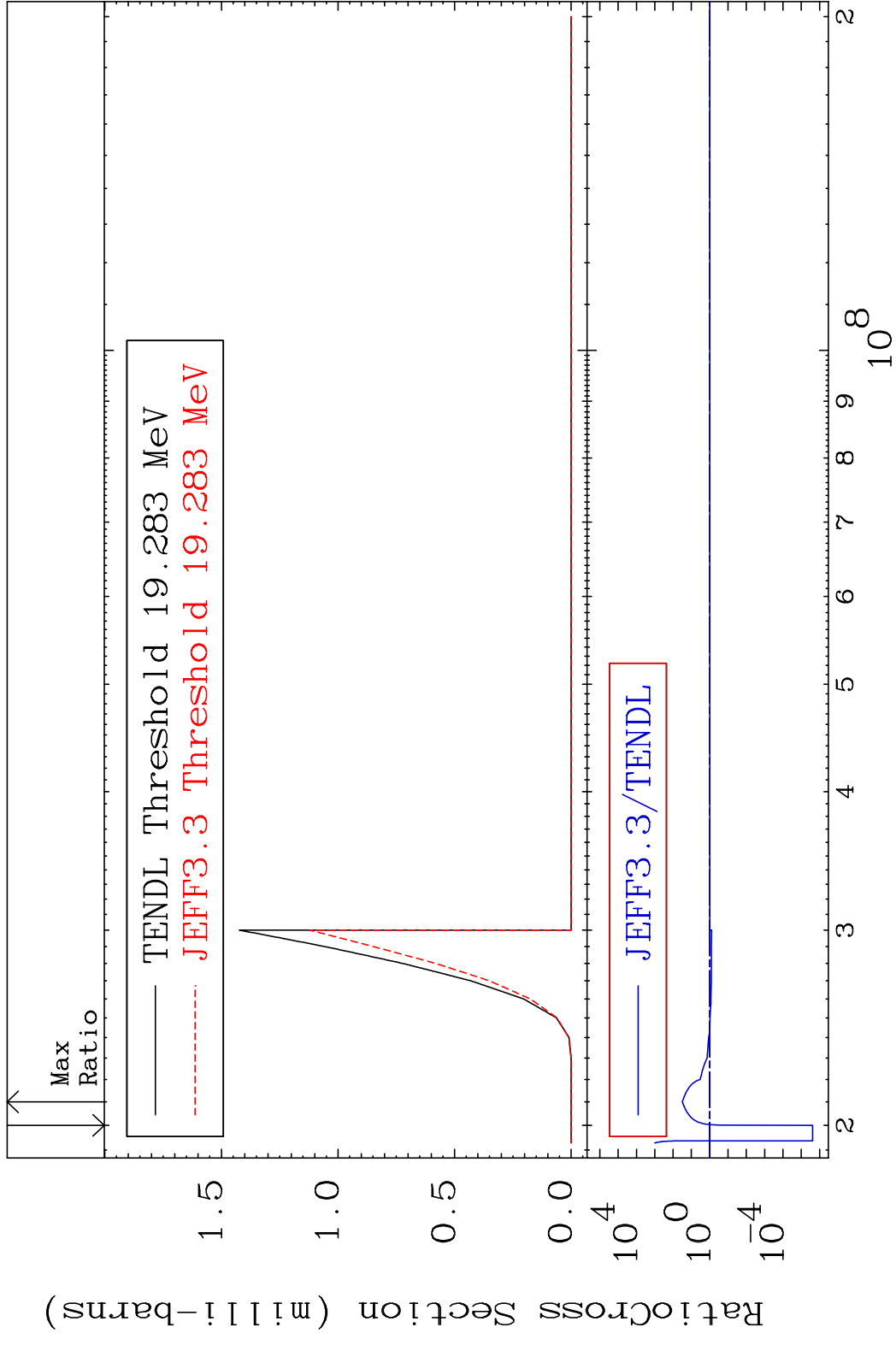
MAT 3640 (n, n') p:35-Br-82m1 36-Kr-83
 Radionuclide Production Cross Section 4218. %



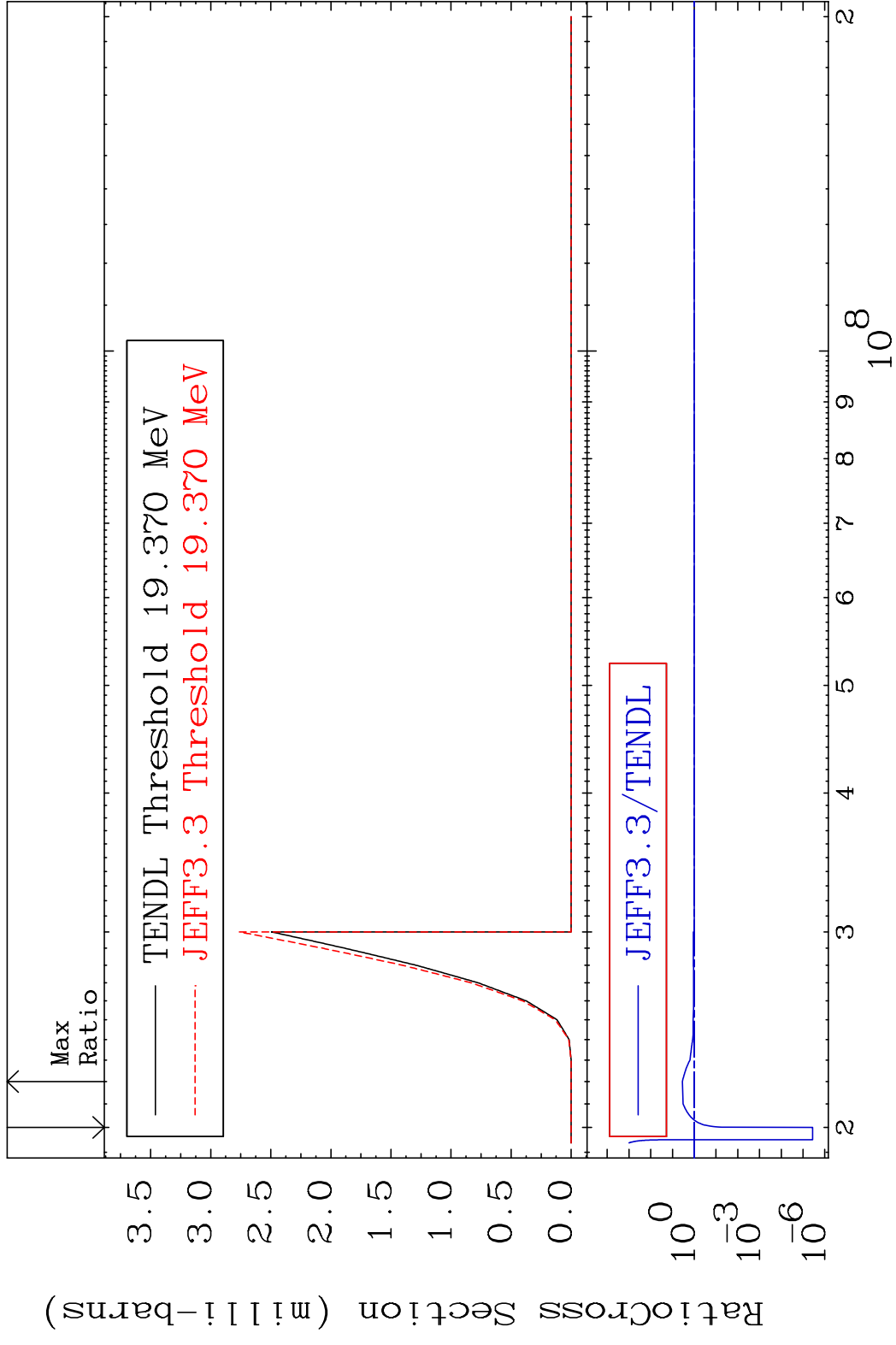


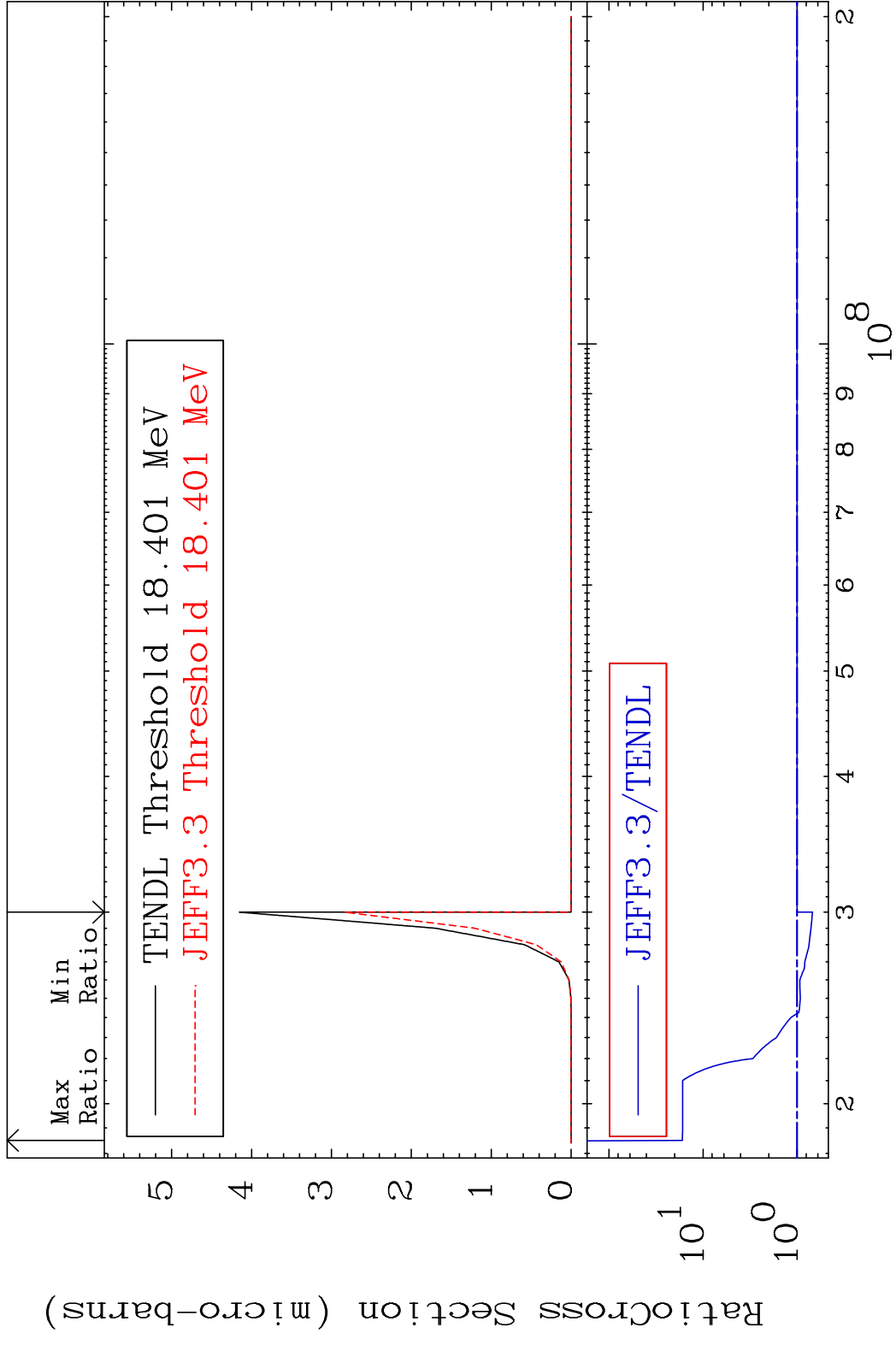


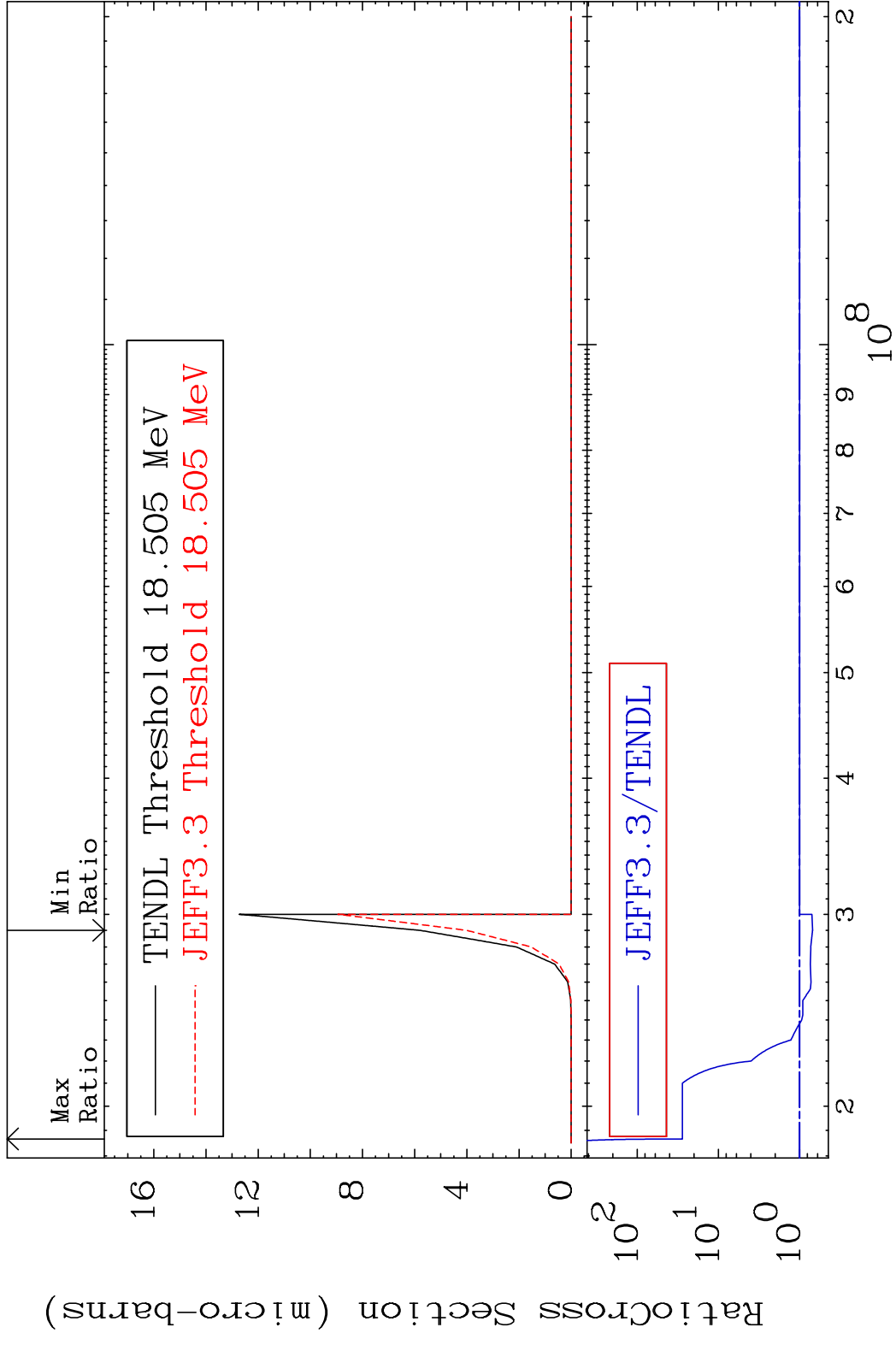
MAT 3640 (n, n') t:35-Br-80g 36-Kr-83
 Radionuclide Production Cross Section 180010 3015. %



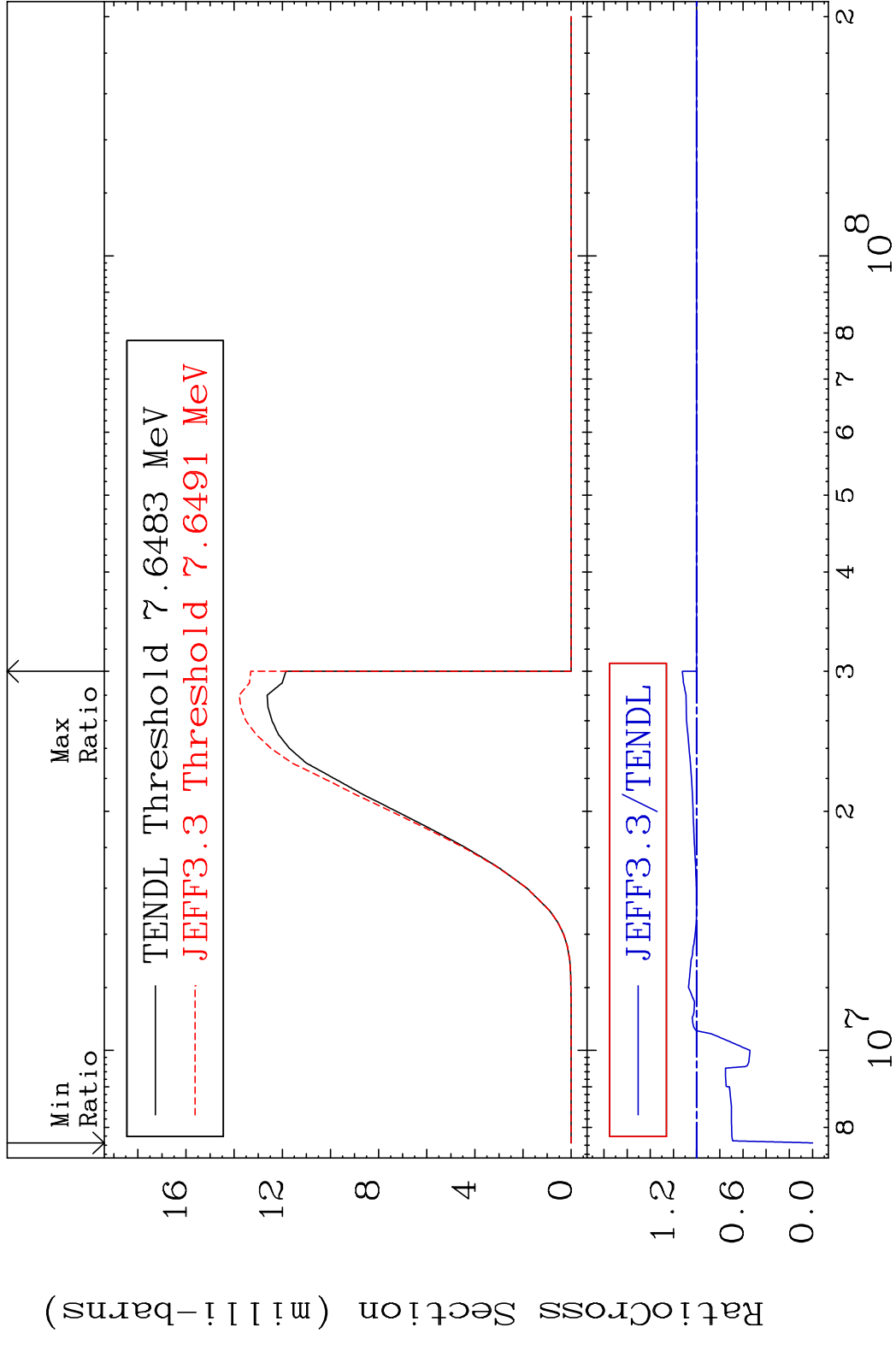
MAT 3640 (n, n') t:35-Br-80m2 36-Kr-83
 Radionuclide Production Cross Section 180.0 dth 251.4 %







MAT 3640 (n, d) : 35-Br-82g 36-Kr-83
 Radionuclide Production Cross Section 180.01 dth 12.32 %



MAT 3640 (n, d):35-Br-82m1 36-Kr-83
 Radionuclide Production Cross Section 0.000 %

