

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

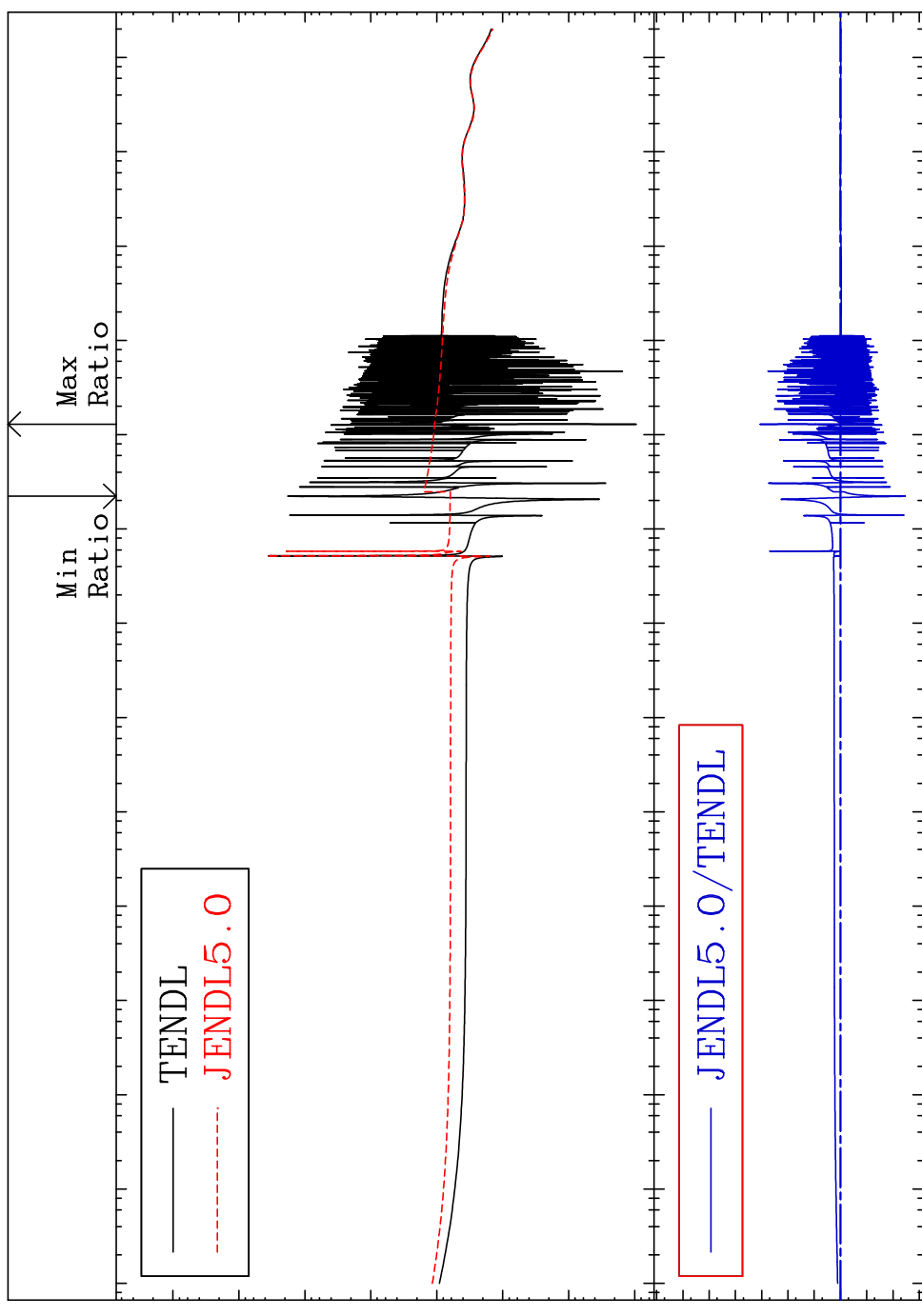
MAT 3643

Total

36-Kr-84

Cross Section

-99.66 To 9999. %



Cross Section (barns)
Ratio

1

Incident Energy (eV)

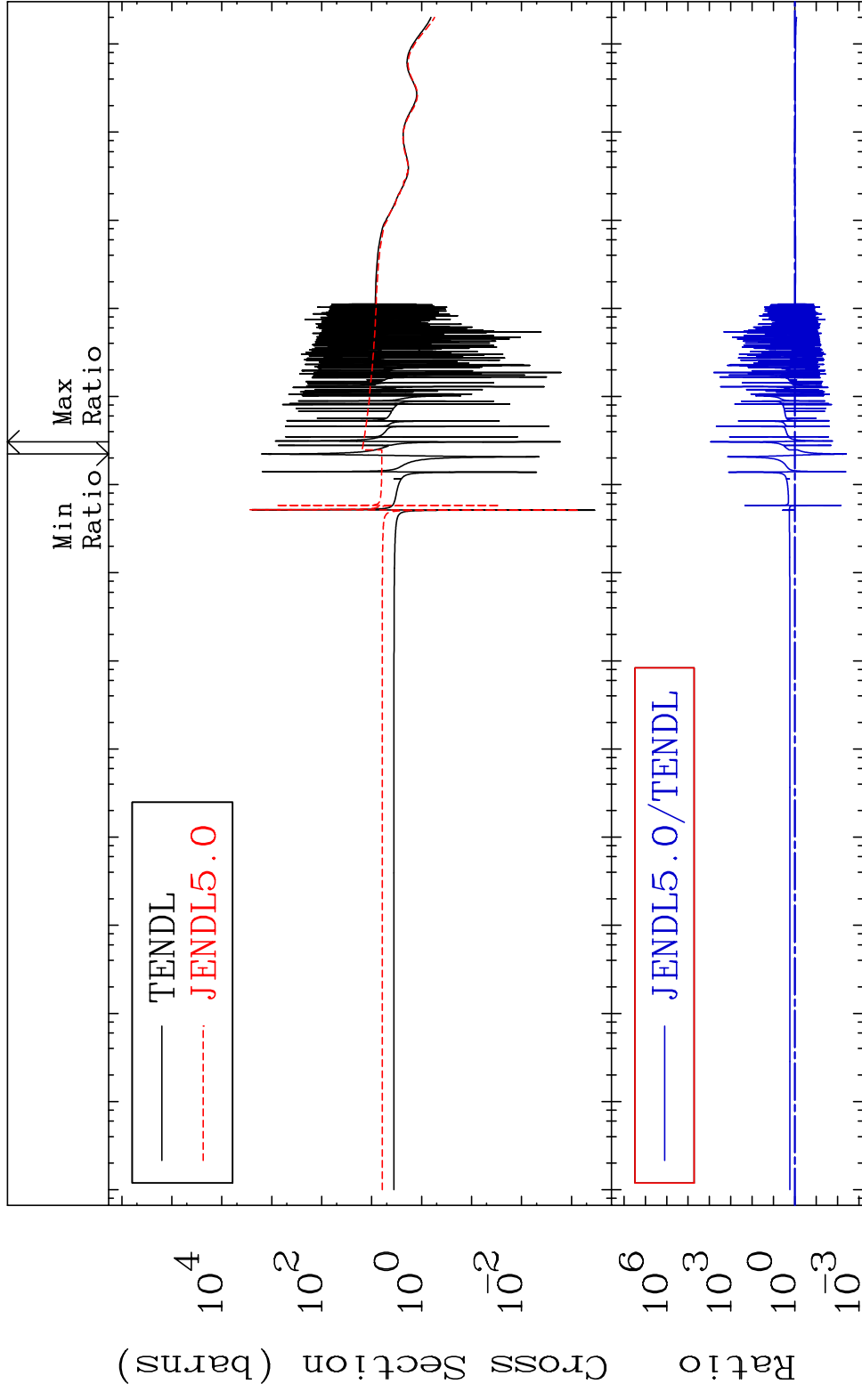
36-Kr-84

MAT 3643

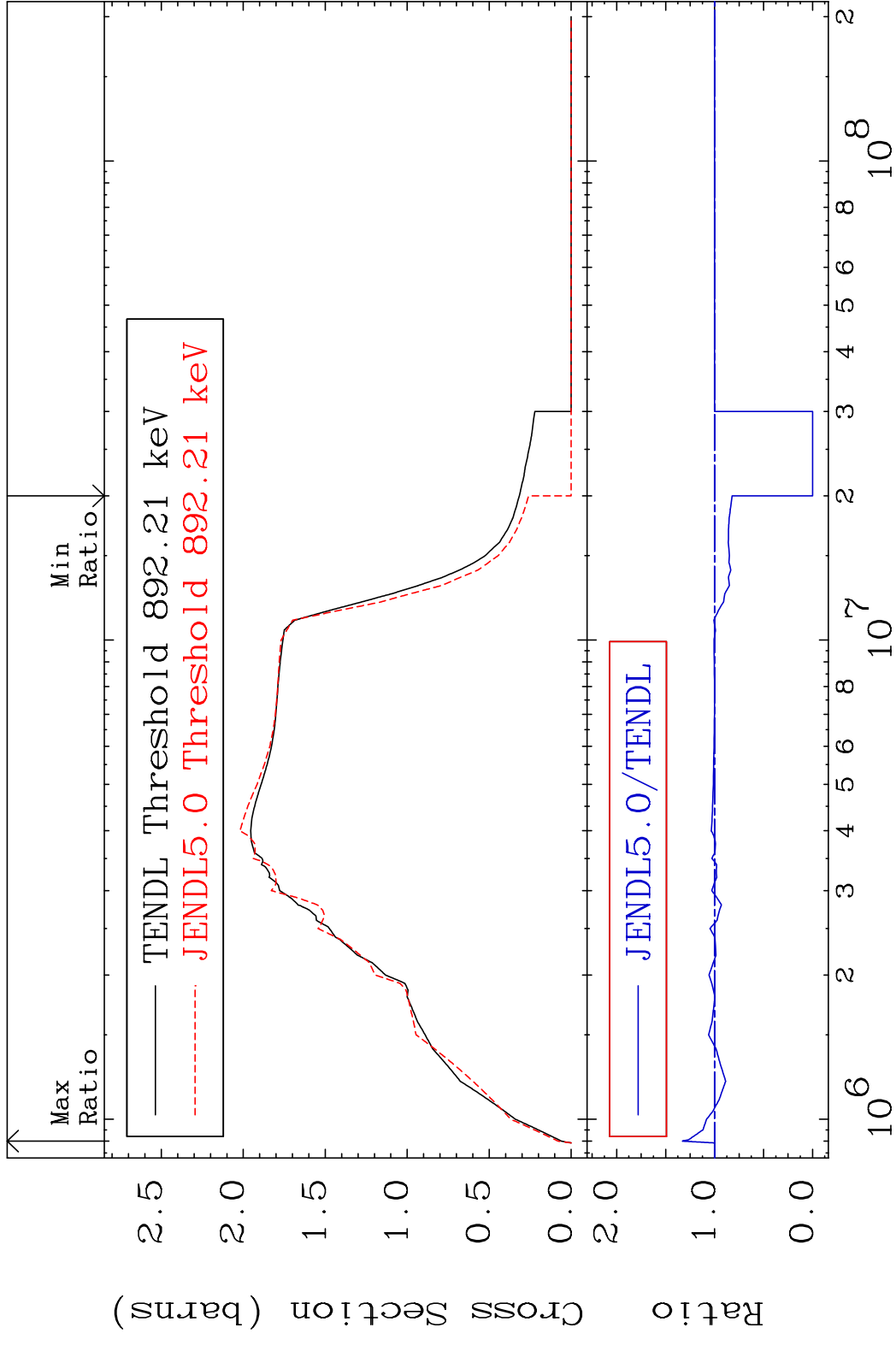
Elastic

36-Kr-84

Cross Section -99.61 To 9999. %



MAT 3643 Inelastic 36-Kr-84
 Cross Section -100.0 To 32.93 %



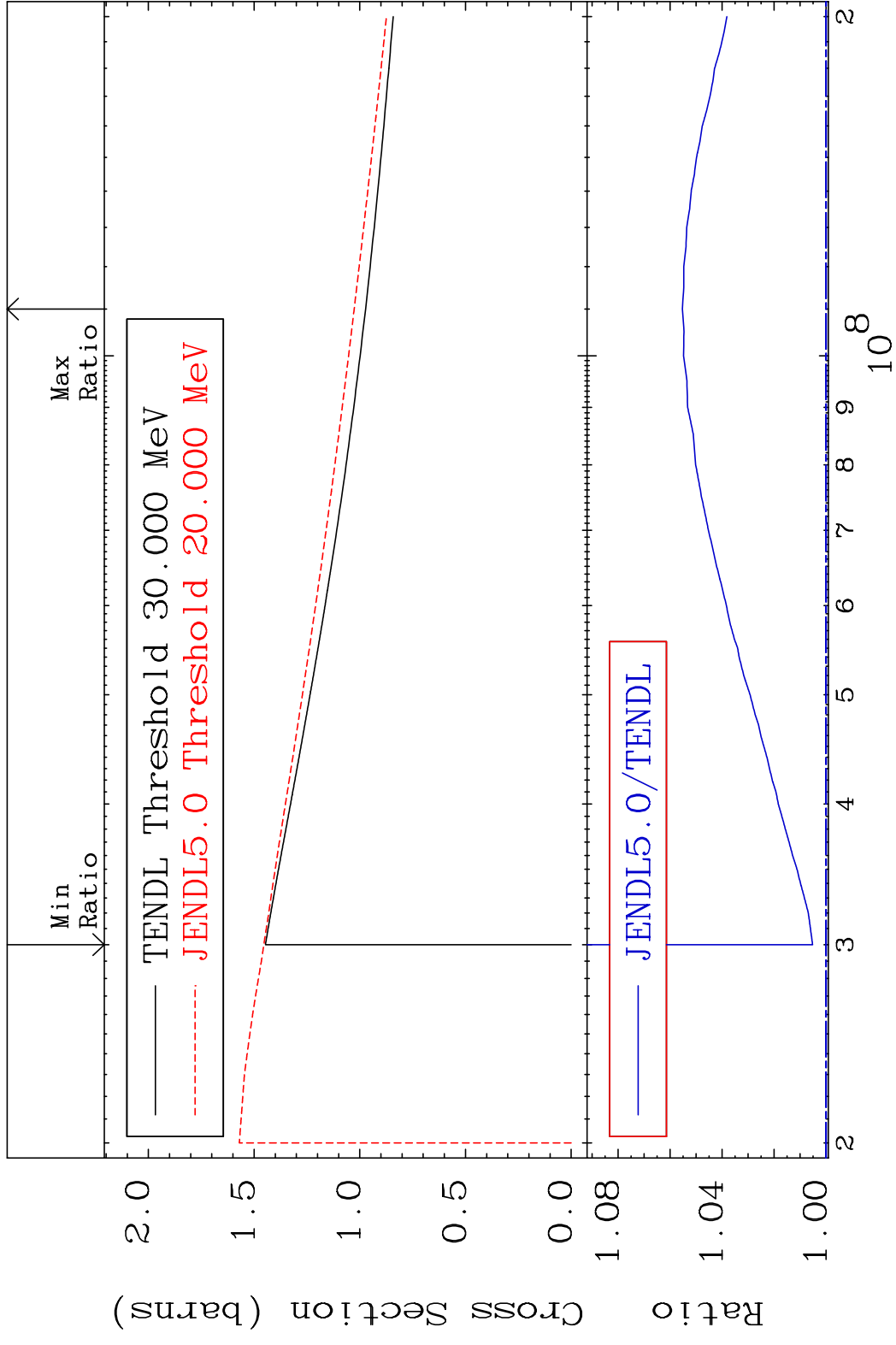
3 Incident Energy (eV) 36-Kr-84

MAT 3643

(n, remainder)

36-Kr-84

Cross Section 0.522 To 5.531 %

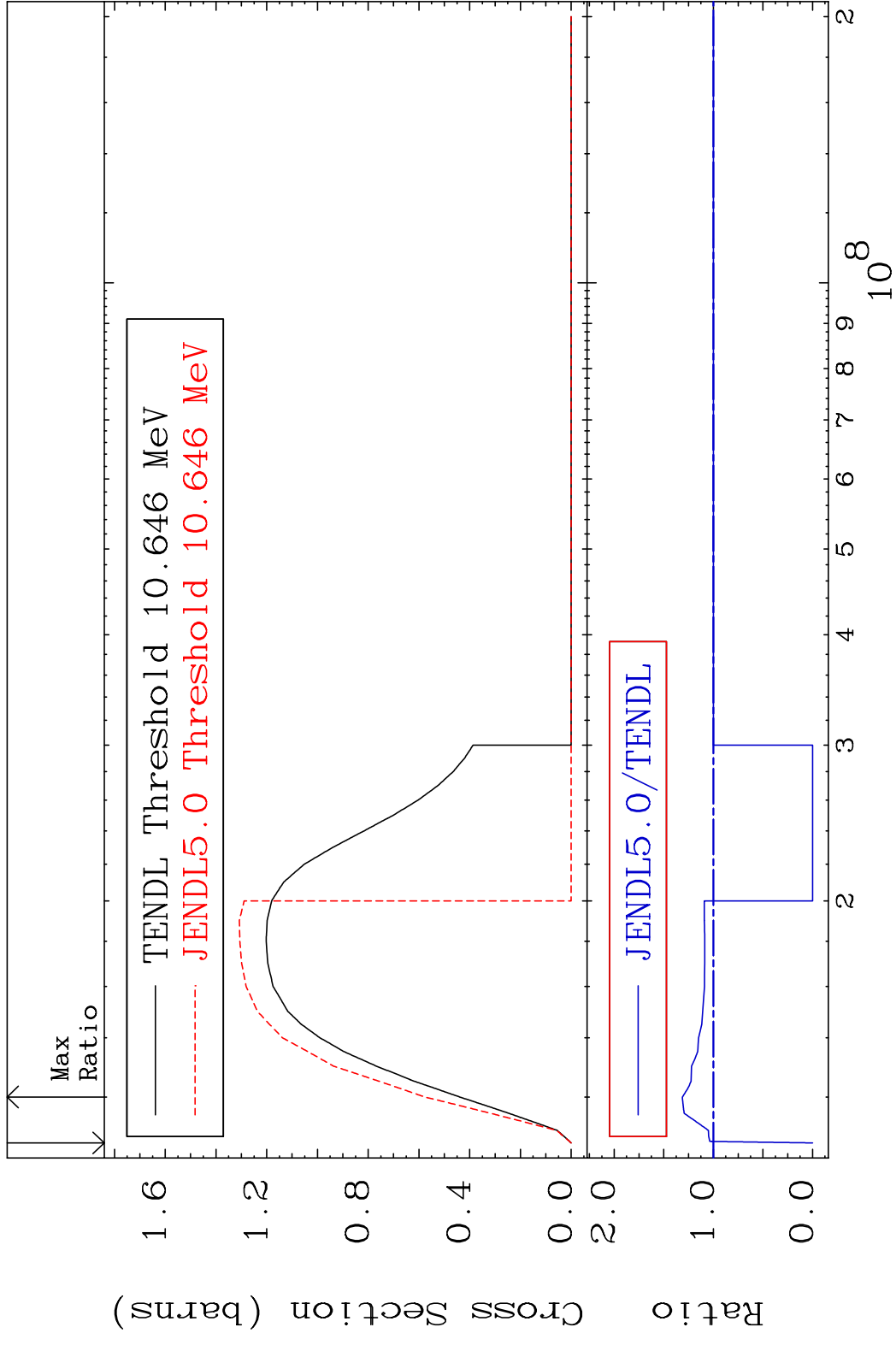


4

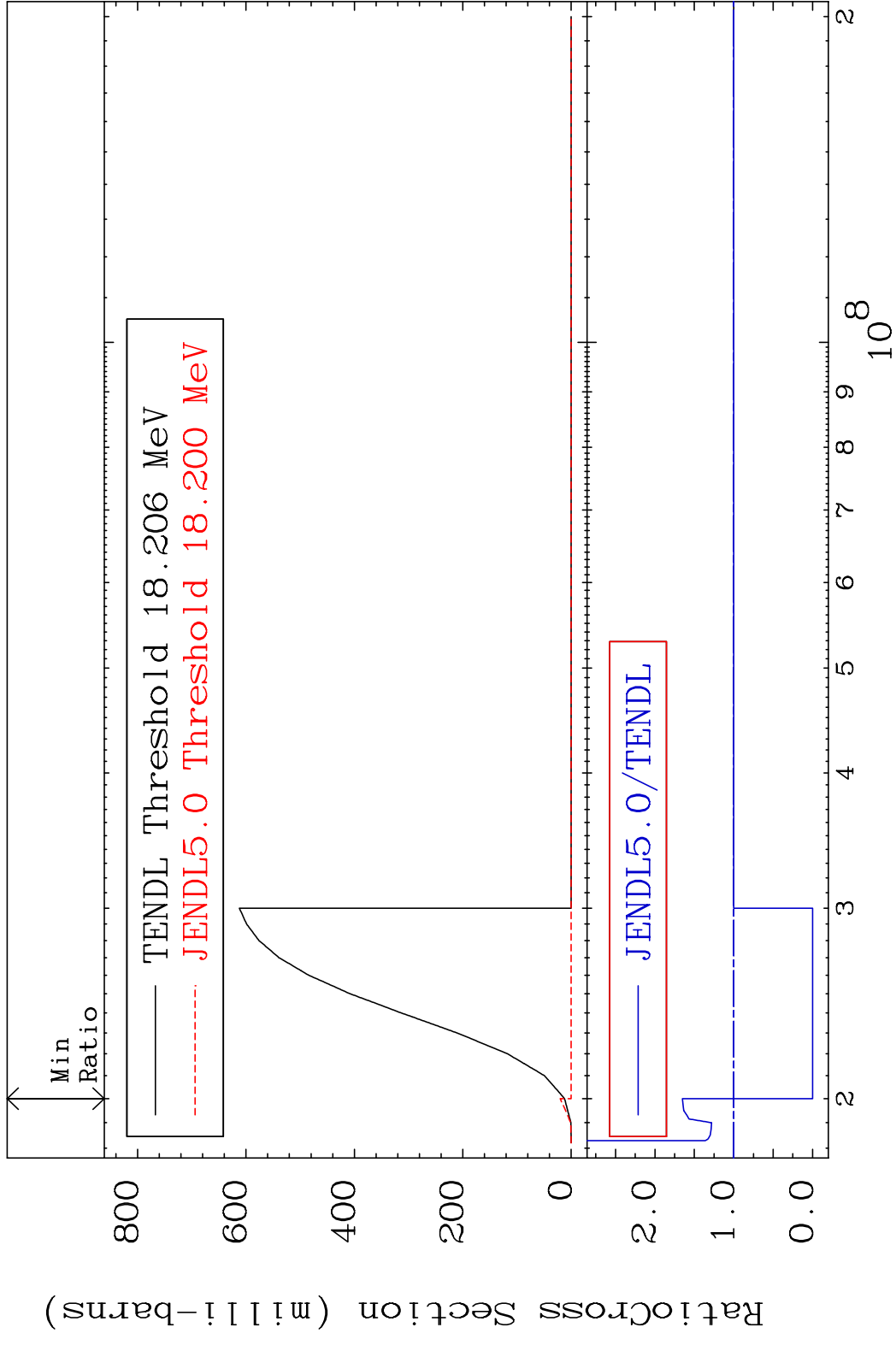
Incident Energy (eV)

36-Kr-84

MAT 3643 (n,2n) 36-Kr-84
 Cross Section -100.0 To 31.27 %



MAT 3643 (n,3n) 36-Kr-84
 Cross Section -100.0 To 65.21 %

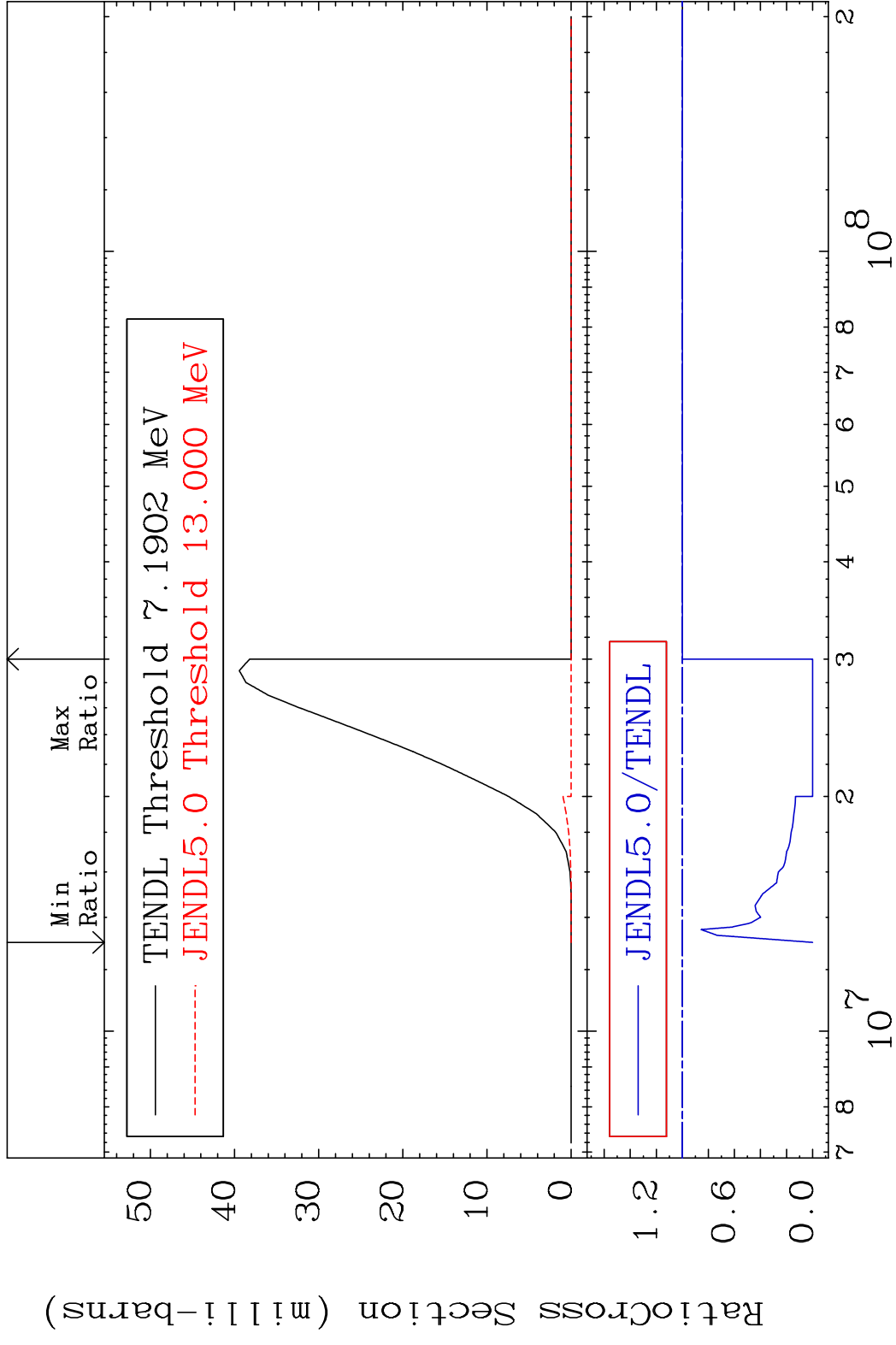


MAT 3643

36-Kr-84

(n, n') α

Cross Section -100.0 To 0.000 %

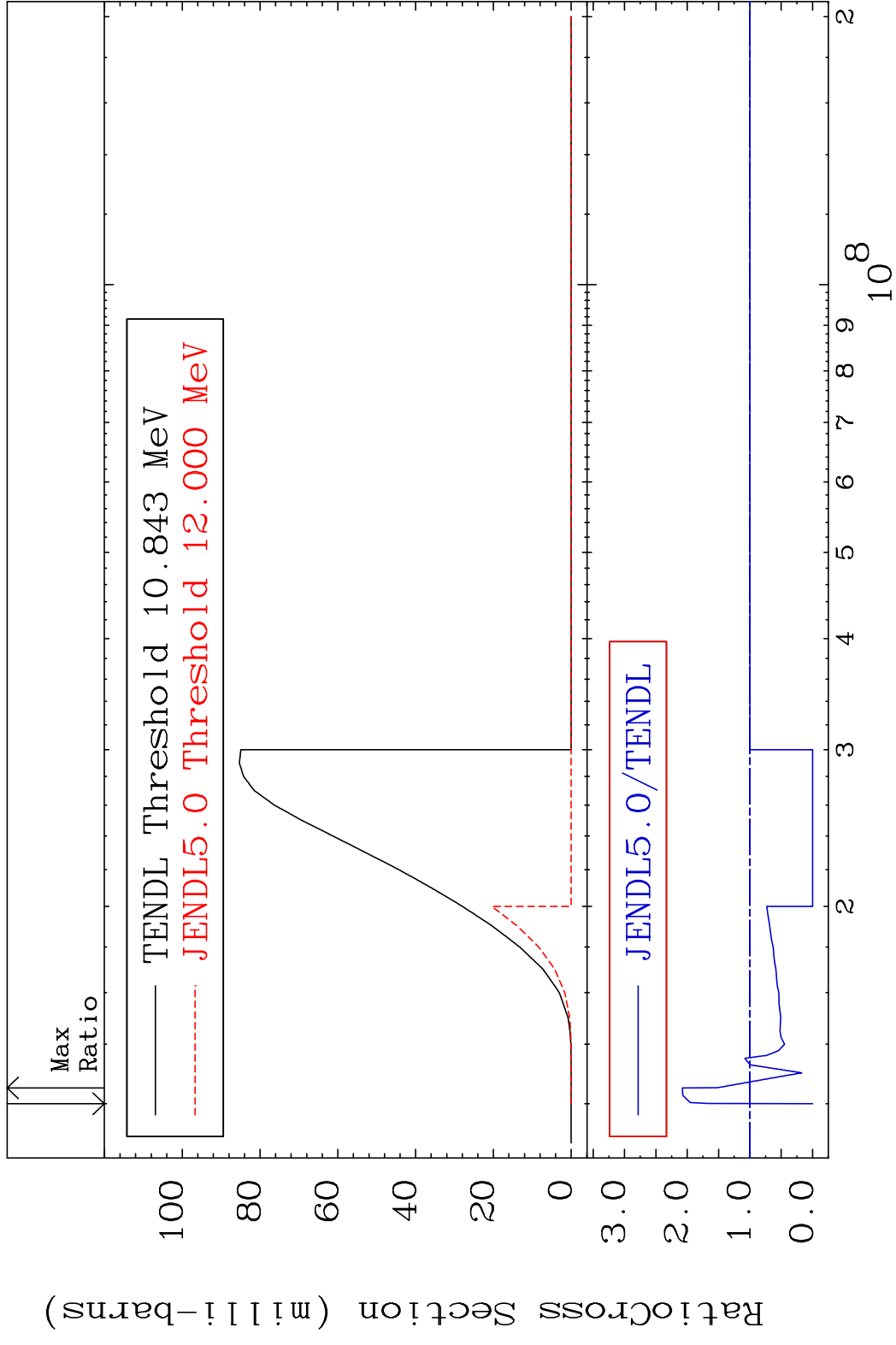


7

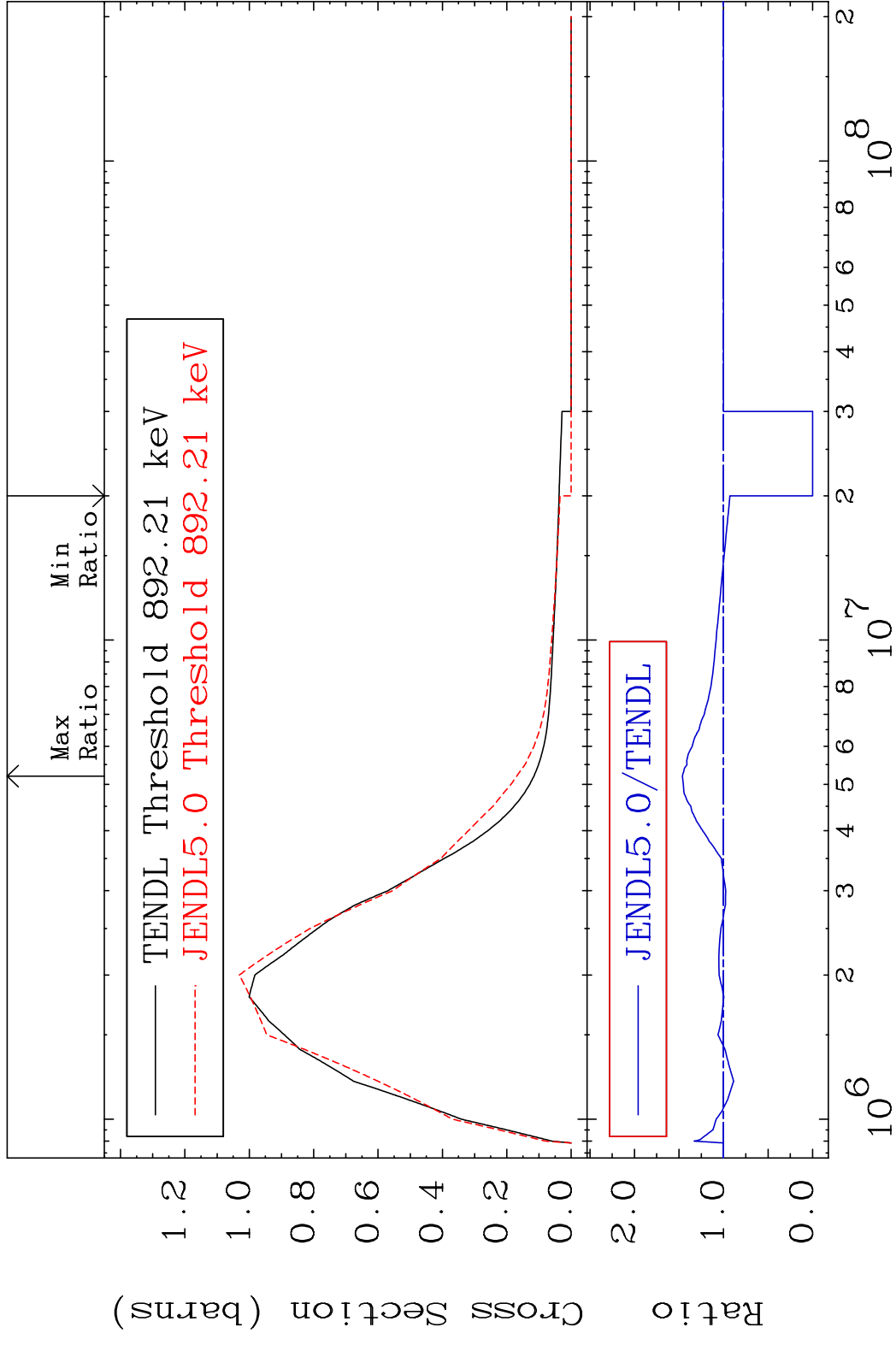
Incident Energy (eV)

36-Kr-84

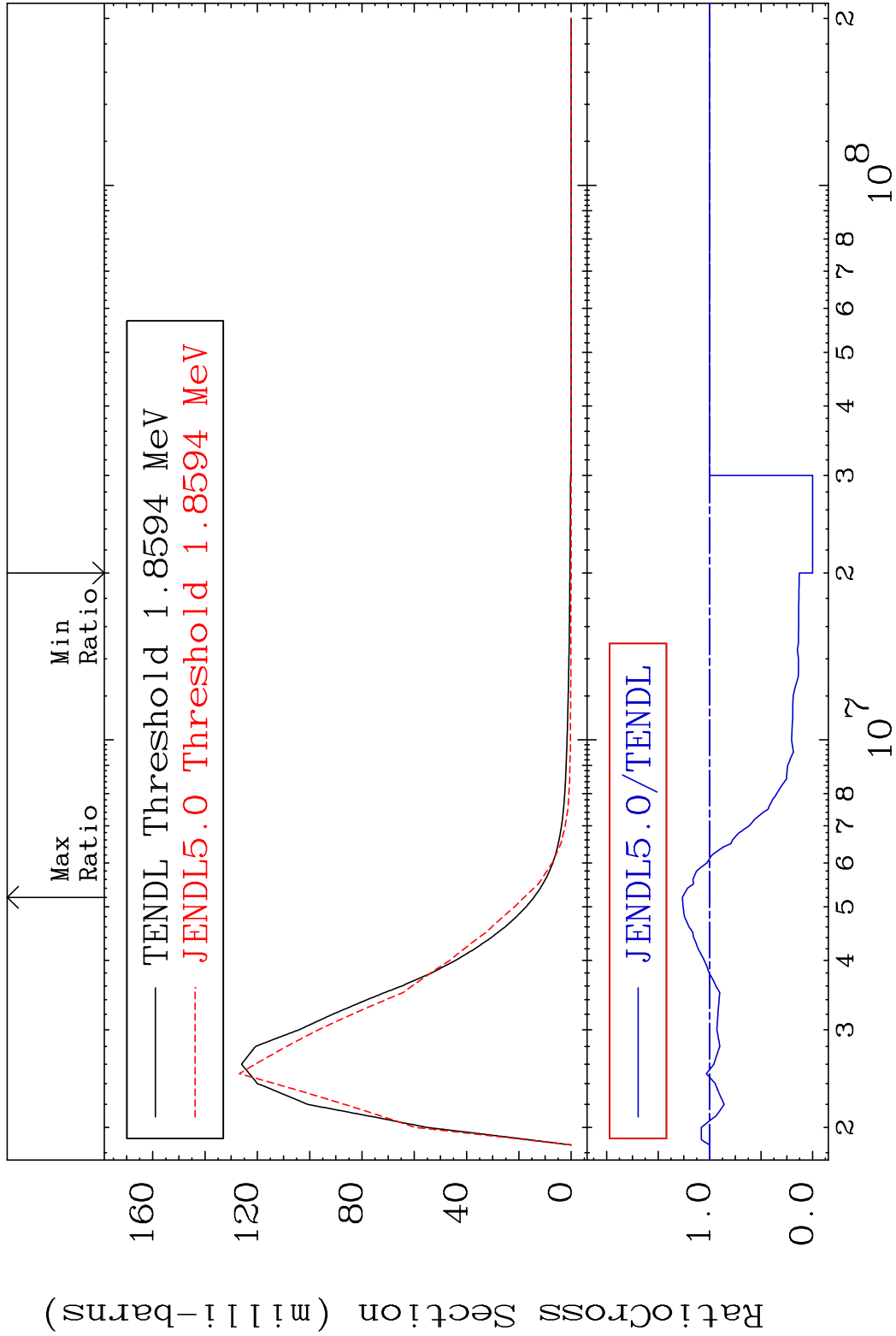
MAT 3643 (n, n') p 36-Kr-84
 Cross Section -100.0 To 107.8 %



MAT 3643 MT= 51 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 46.22 %



MAT 3643 MT= 52 (n, n') Level 36-Kr-84
Cross Section -100.0 To 26.45 %

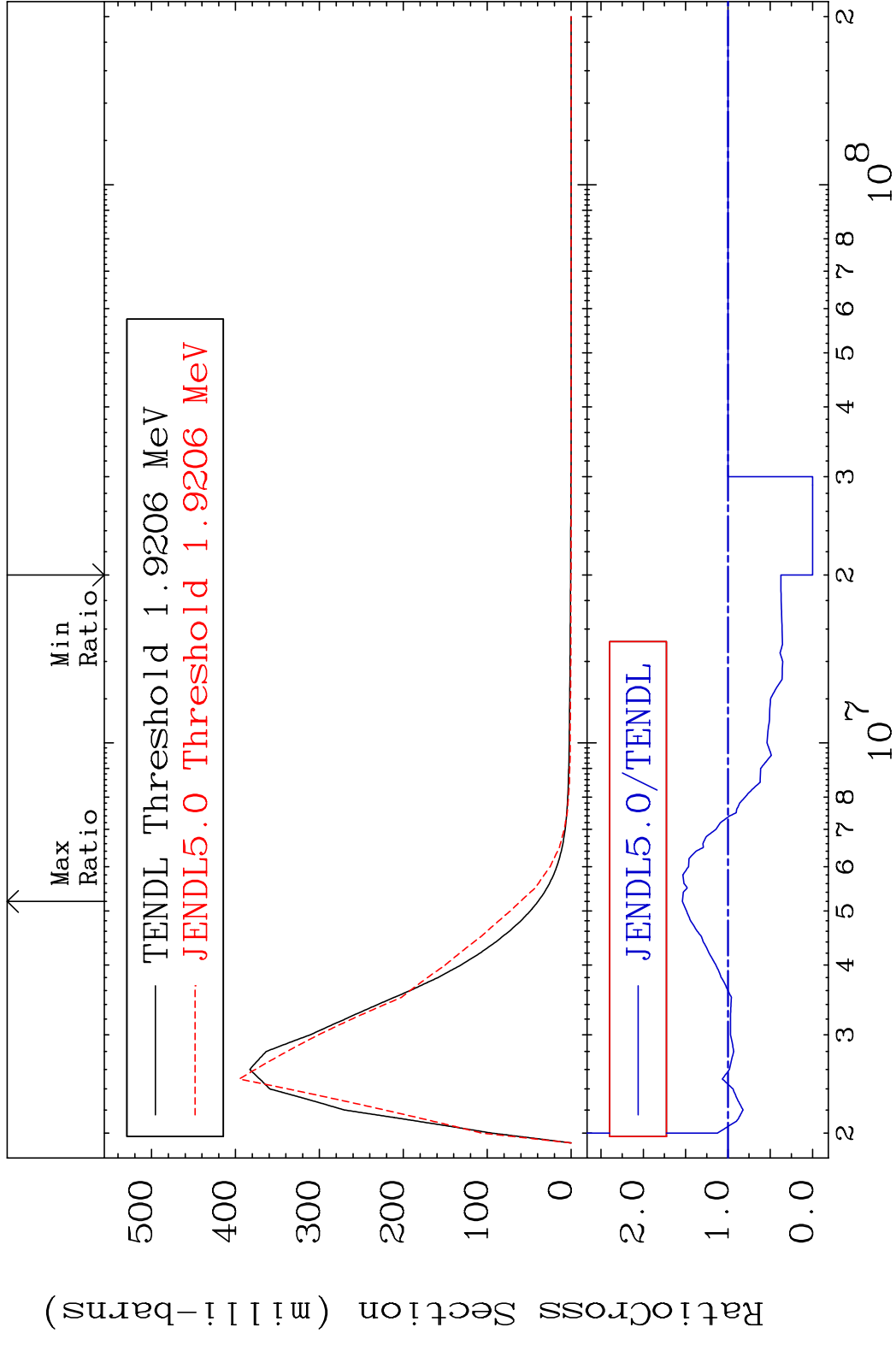


10

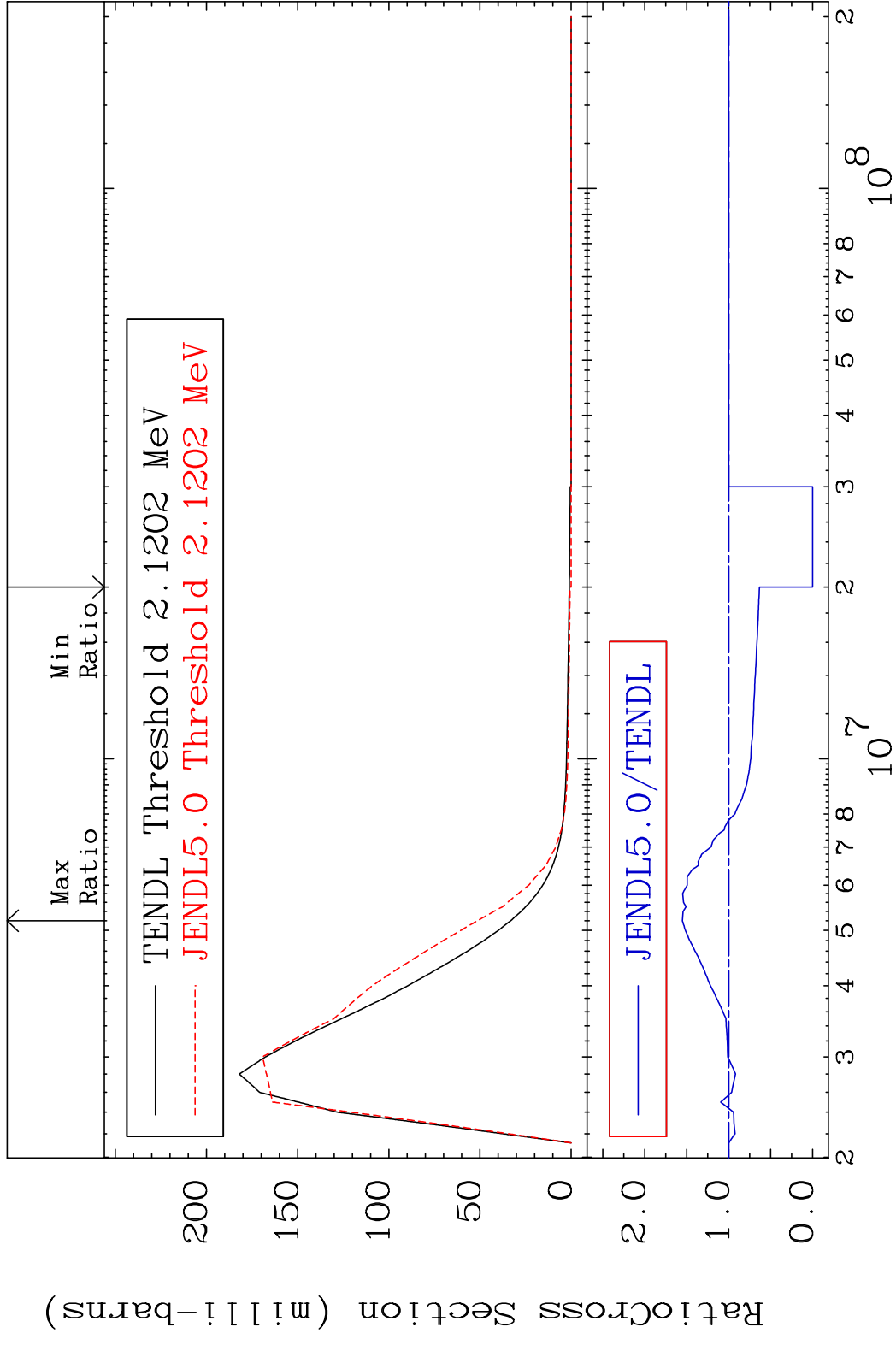
Incident Energy (eV)

36-Kr-84

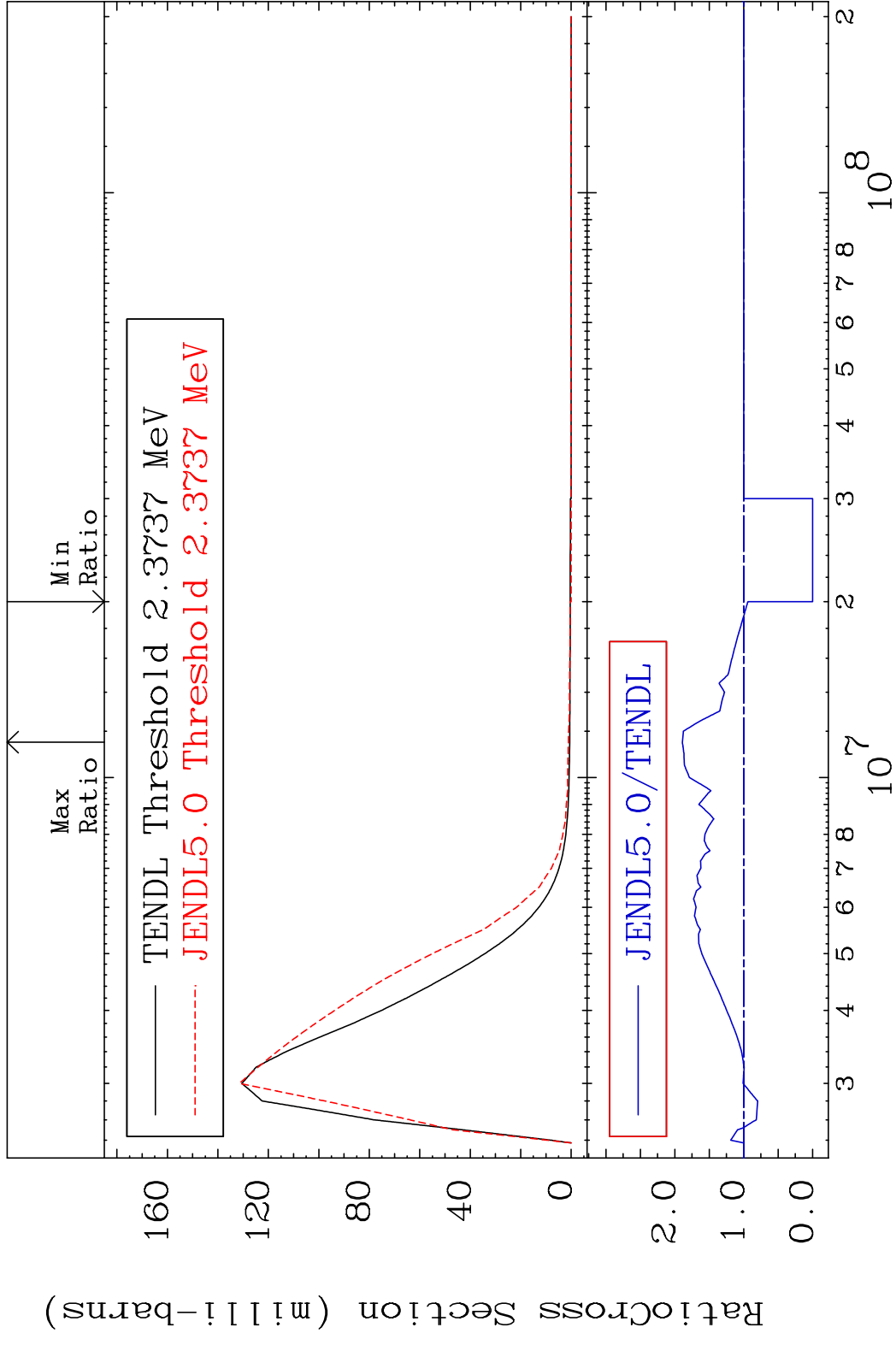
MAT 3643 MT= 53 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 53.84 %



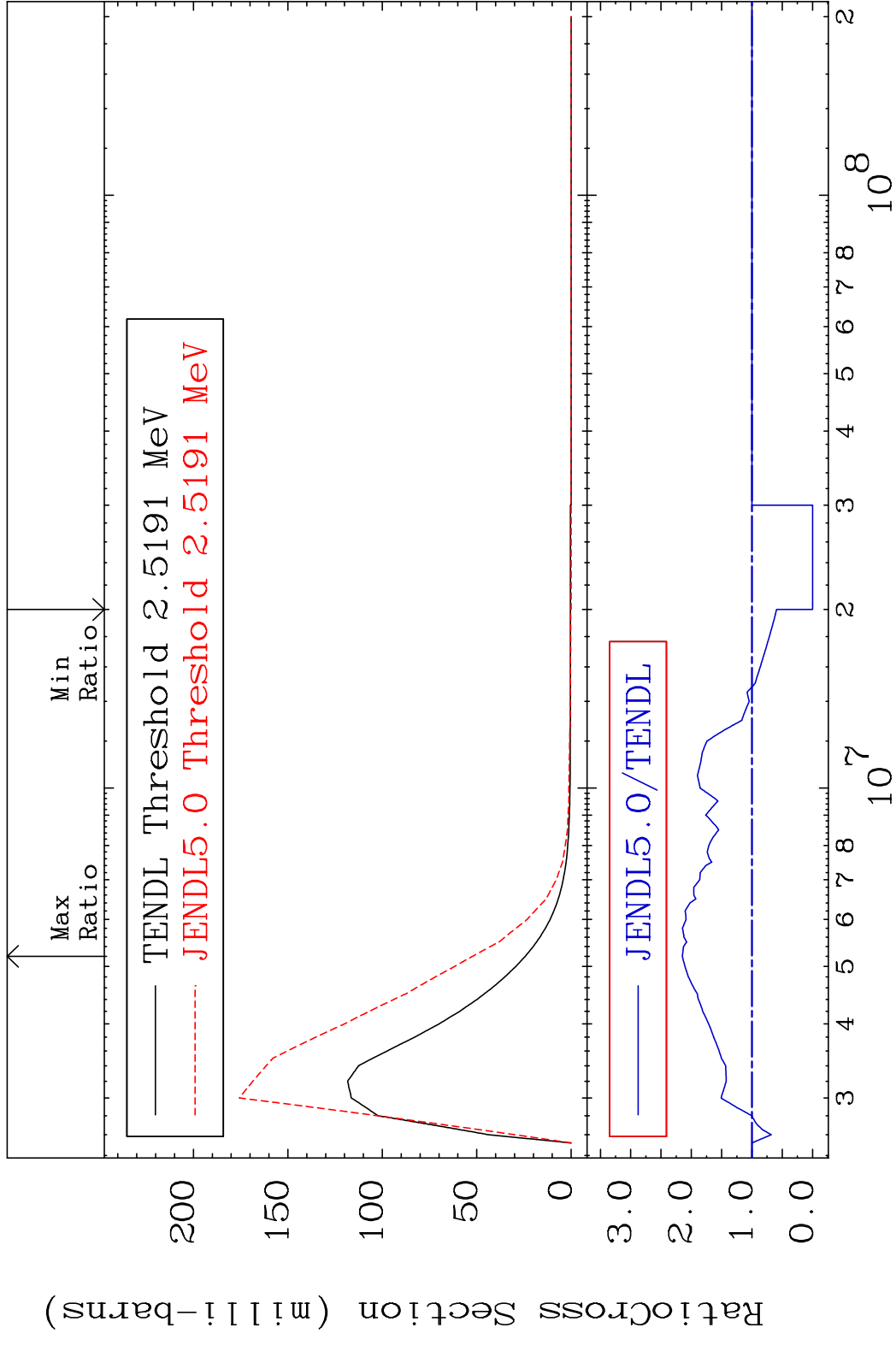
MAT 3643 MT= 54 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 55.12 %



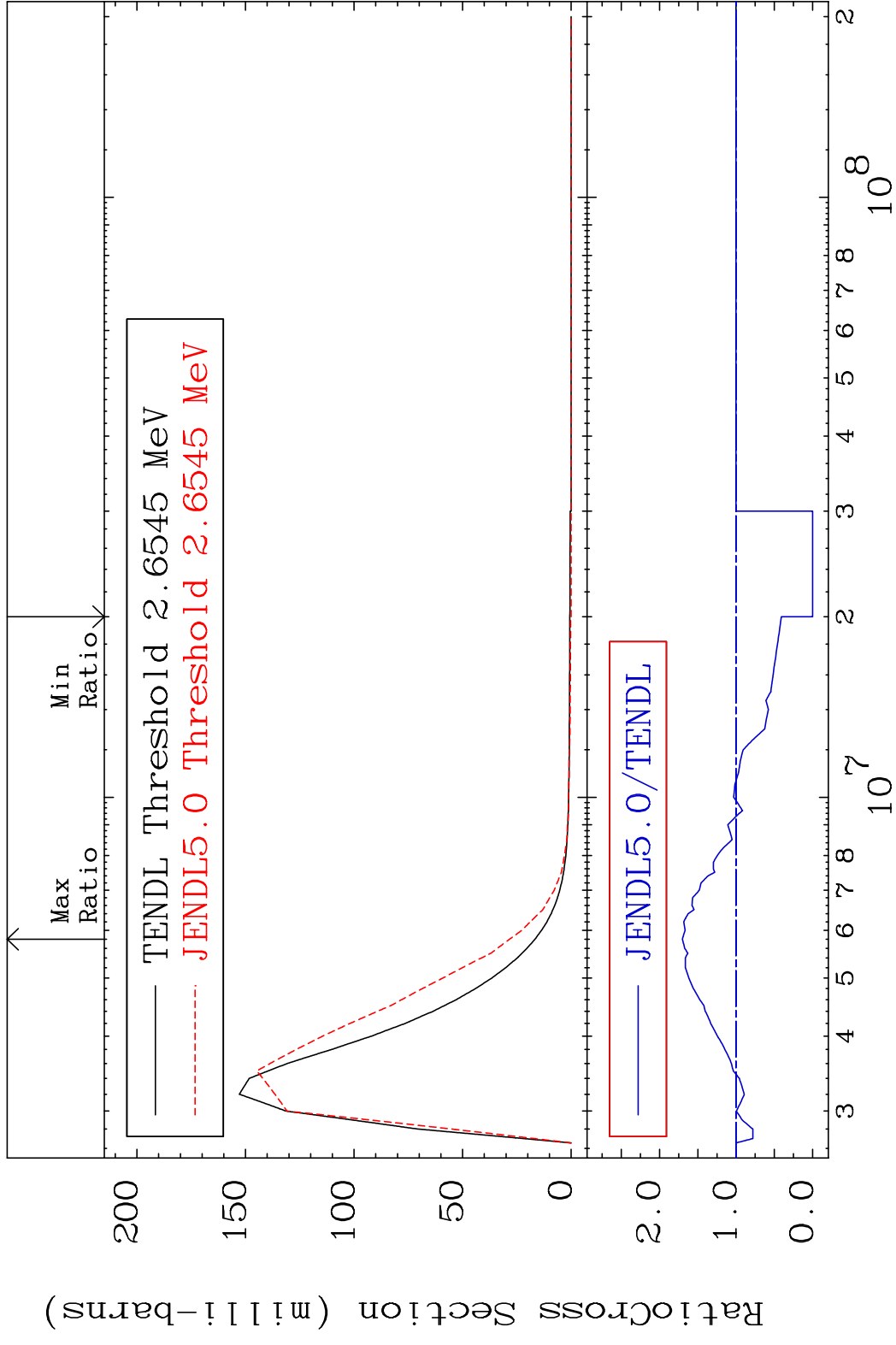
MAT 3643 MT= 55 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 89.02 %



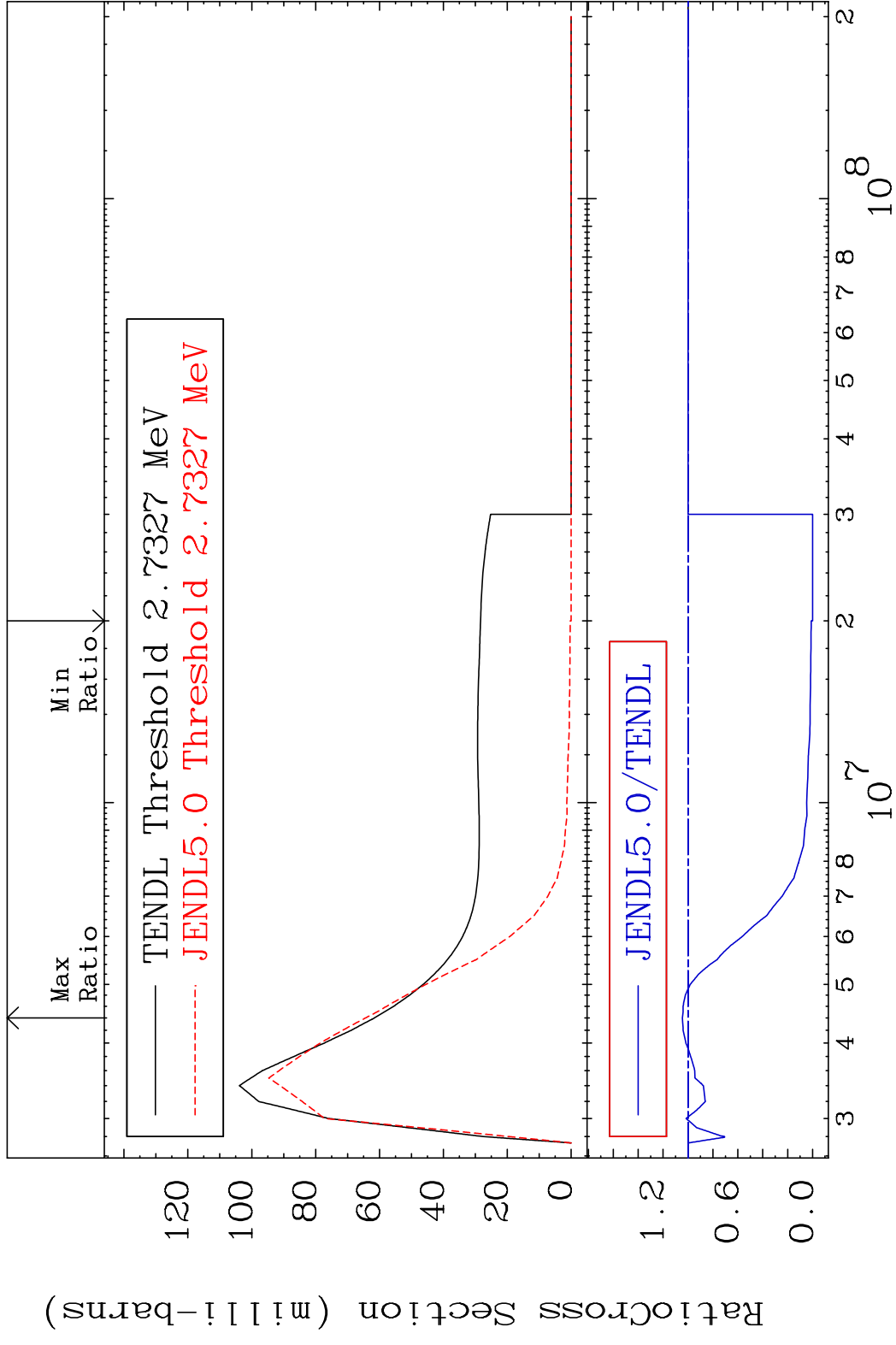
MAT 3643 MT= 56 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 114.8 %



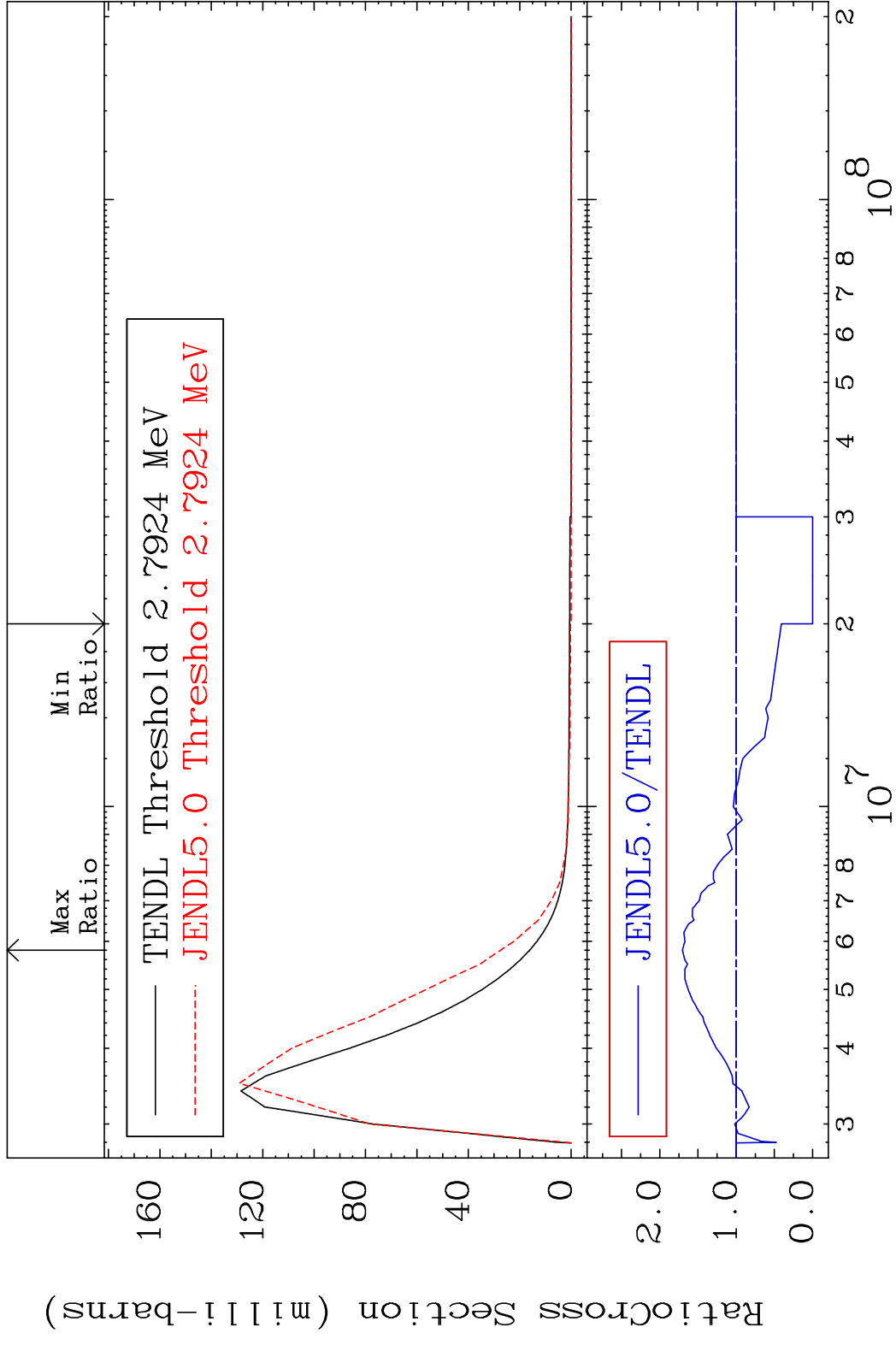
MAT 3643 MT= 57 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 70.23 %



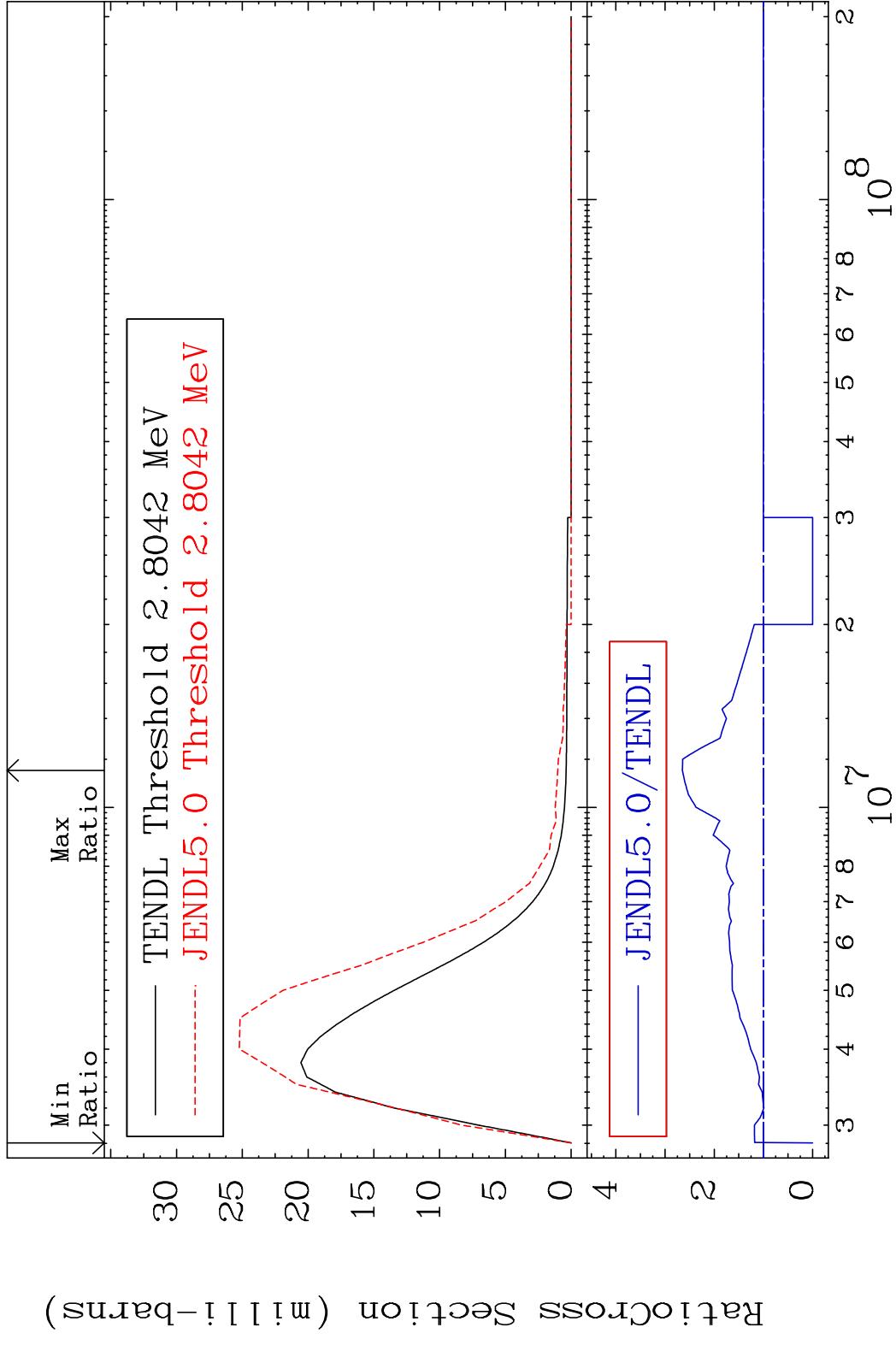
MAT 3643 MT= 58 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 4.547 %



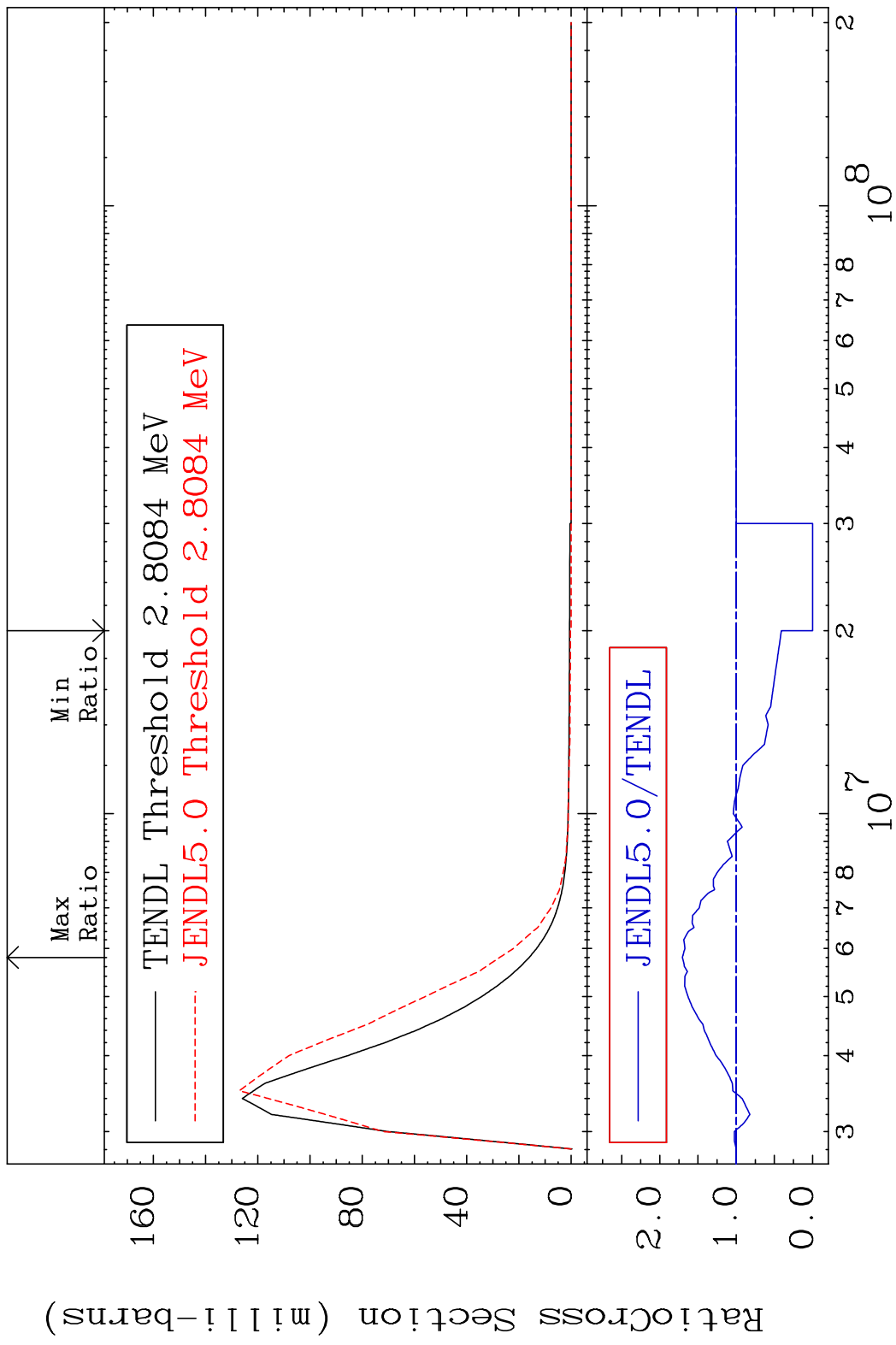
MAT 3643 MT= 59 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 70.43 %



MAT 3643 MT= 60 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 164.8 %

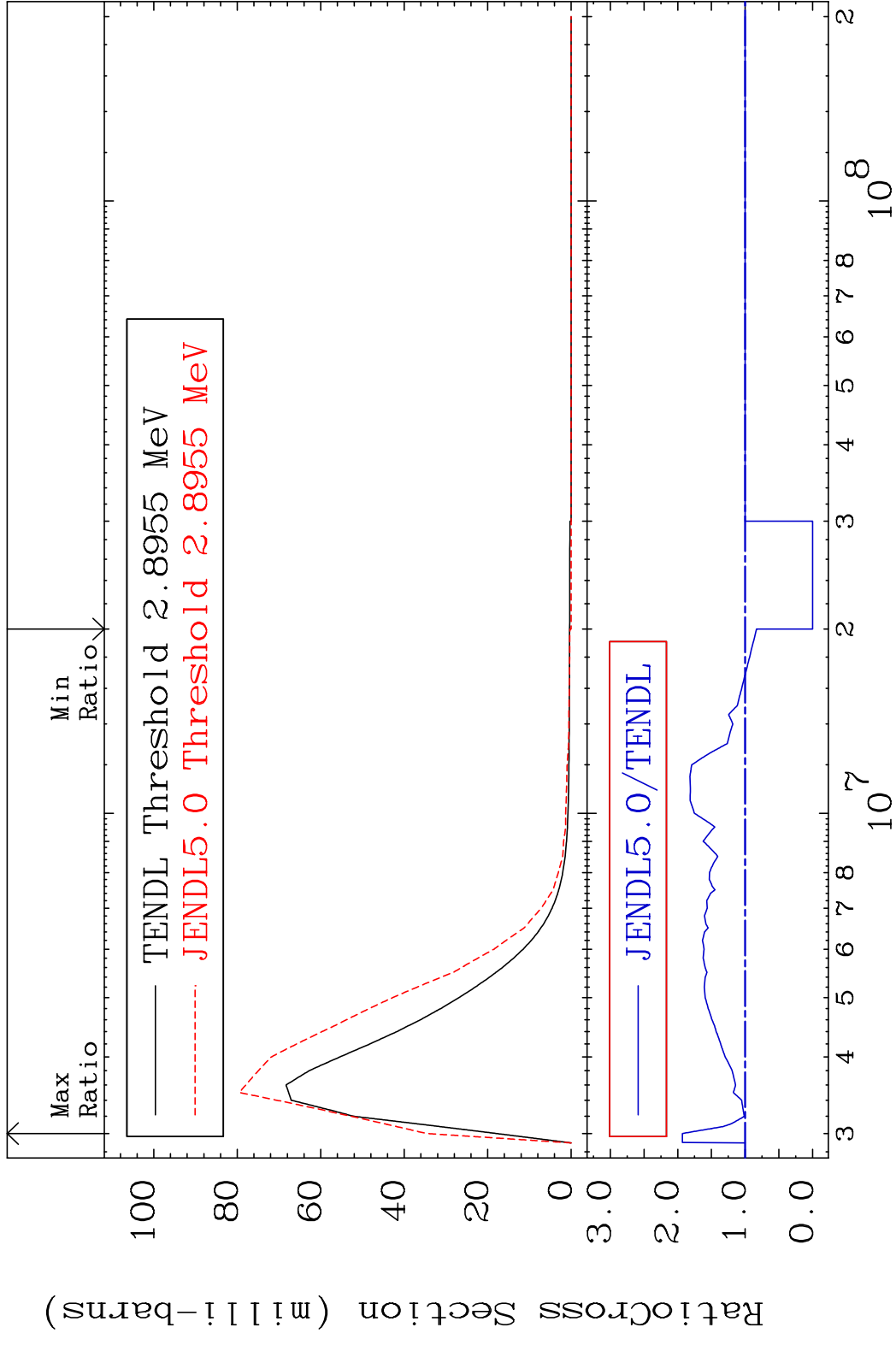


MAT 3643 MT= 61 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 70.48 %

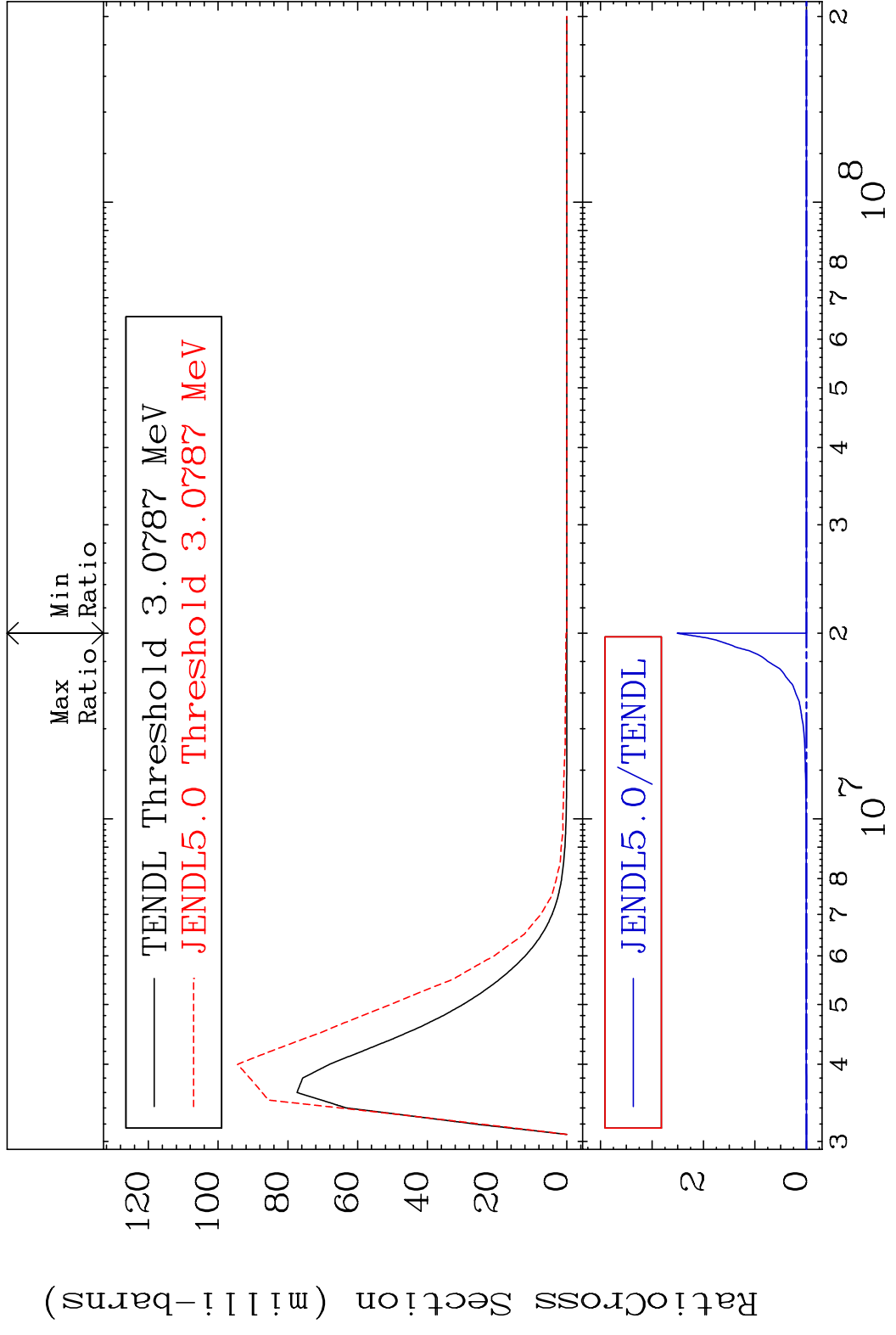


19 36-Kr-84

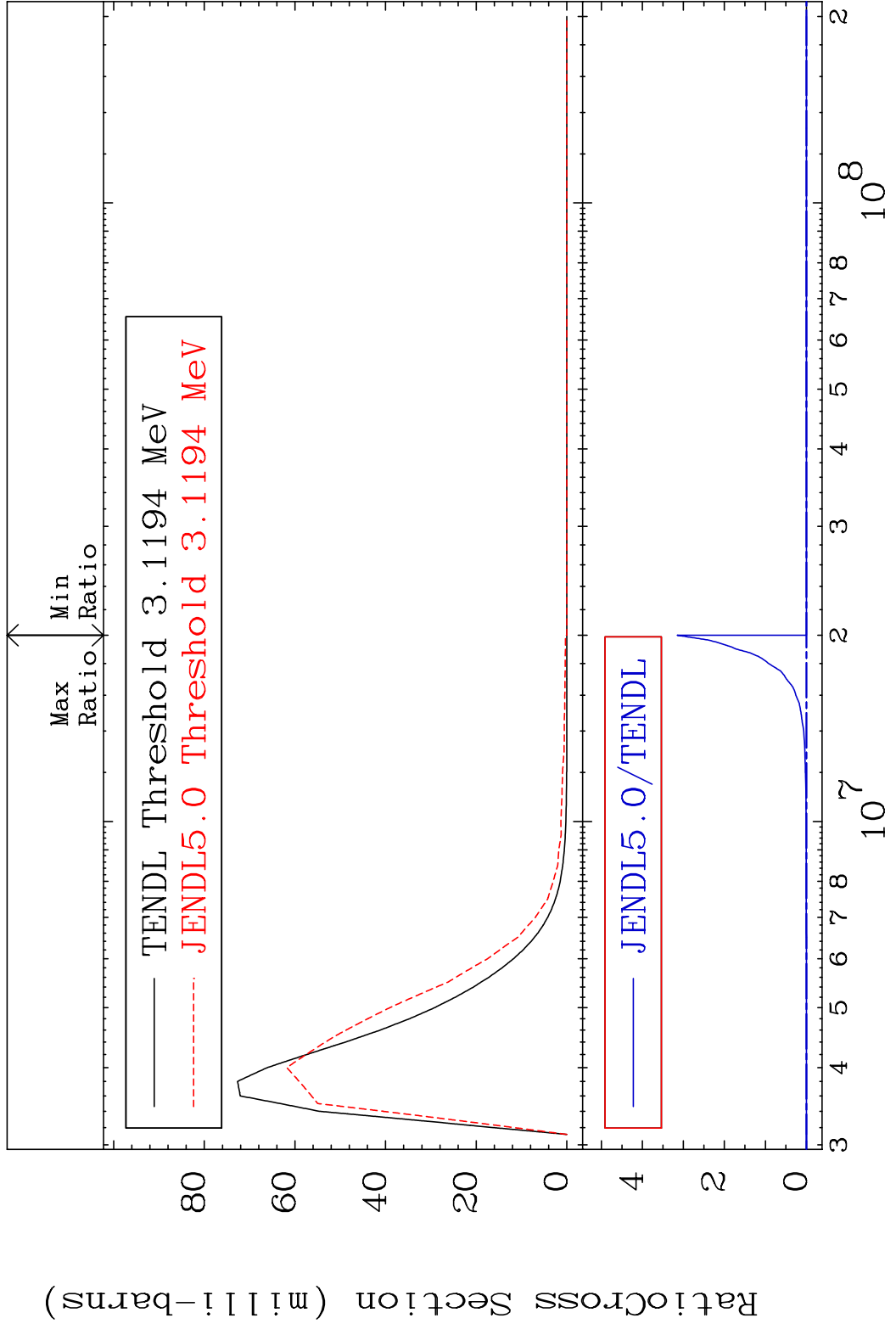
MAT 3643 MT= 62 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 93.13 %



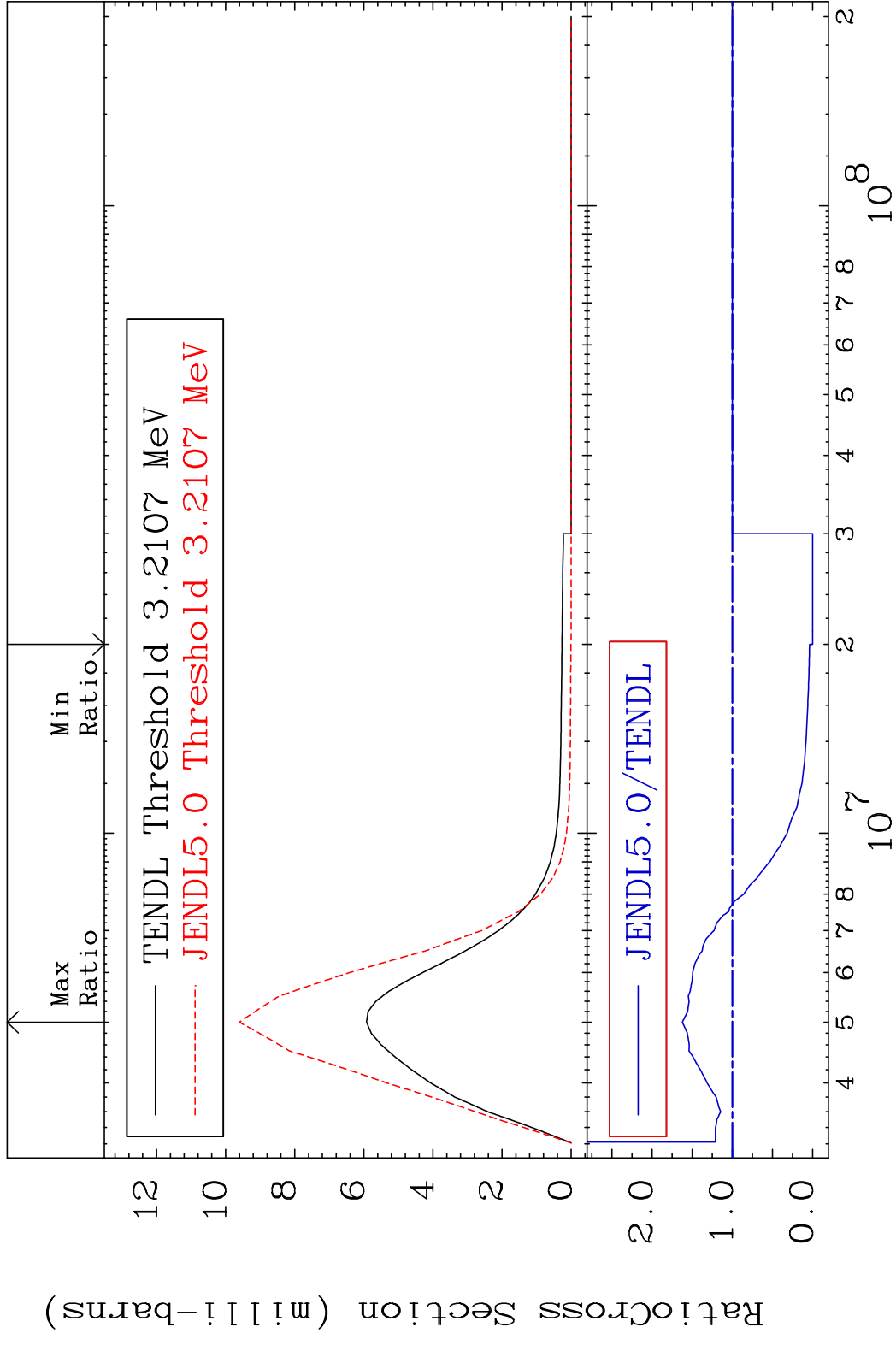
MAT 3643 MT= 63 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



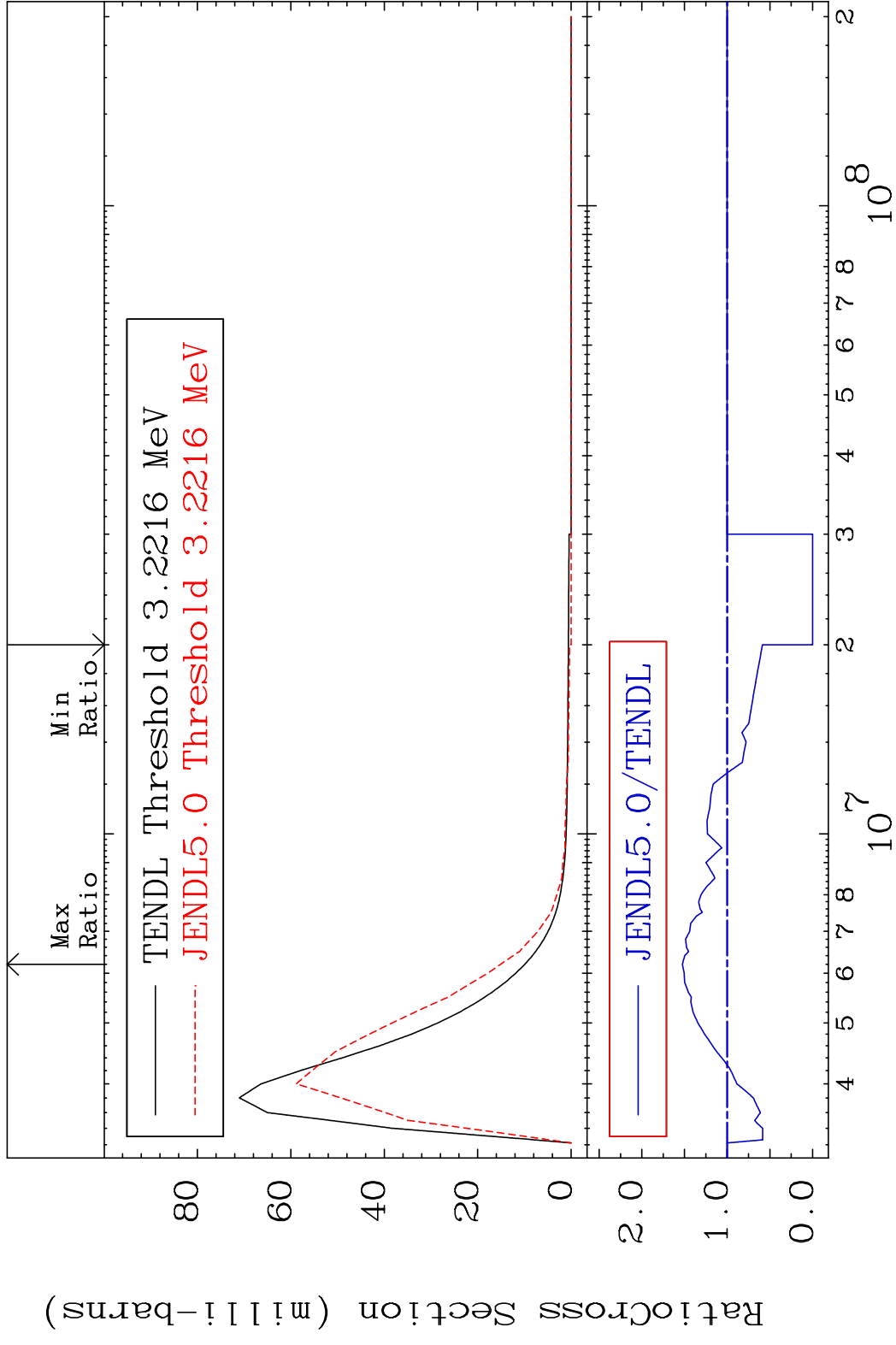
MAT 3643 MT= 64 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



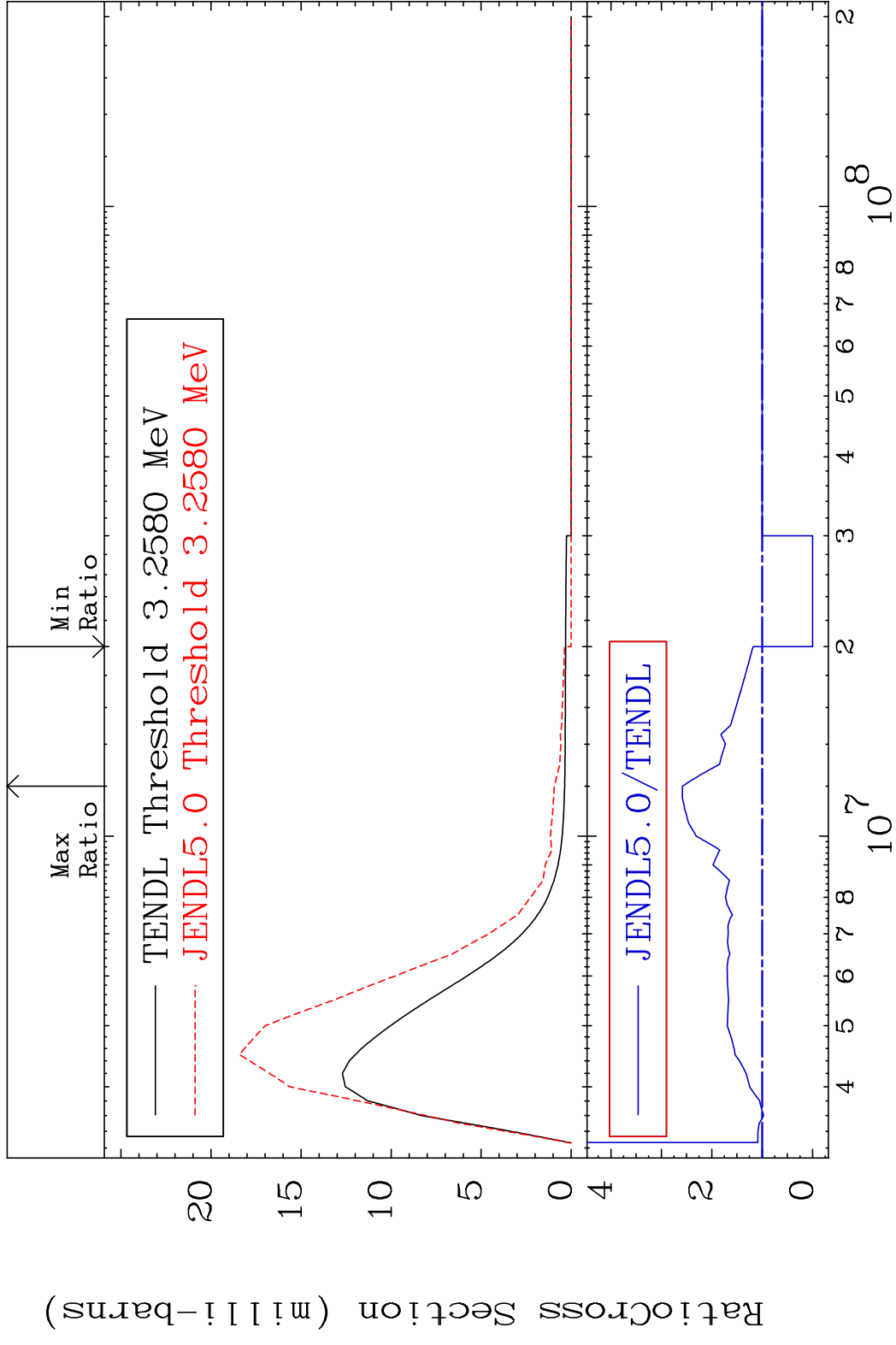
MAT 3643 MT= 65 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 62.15 %



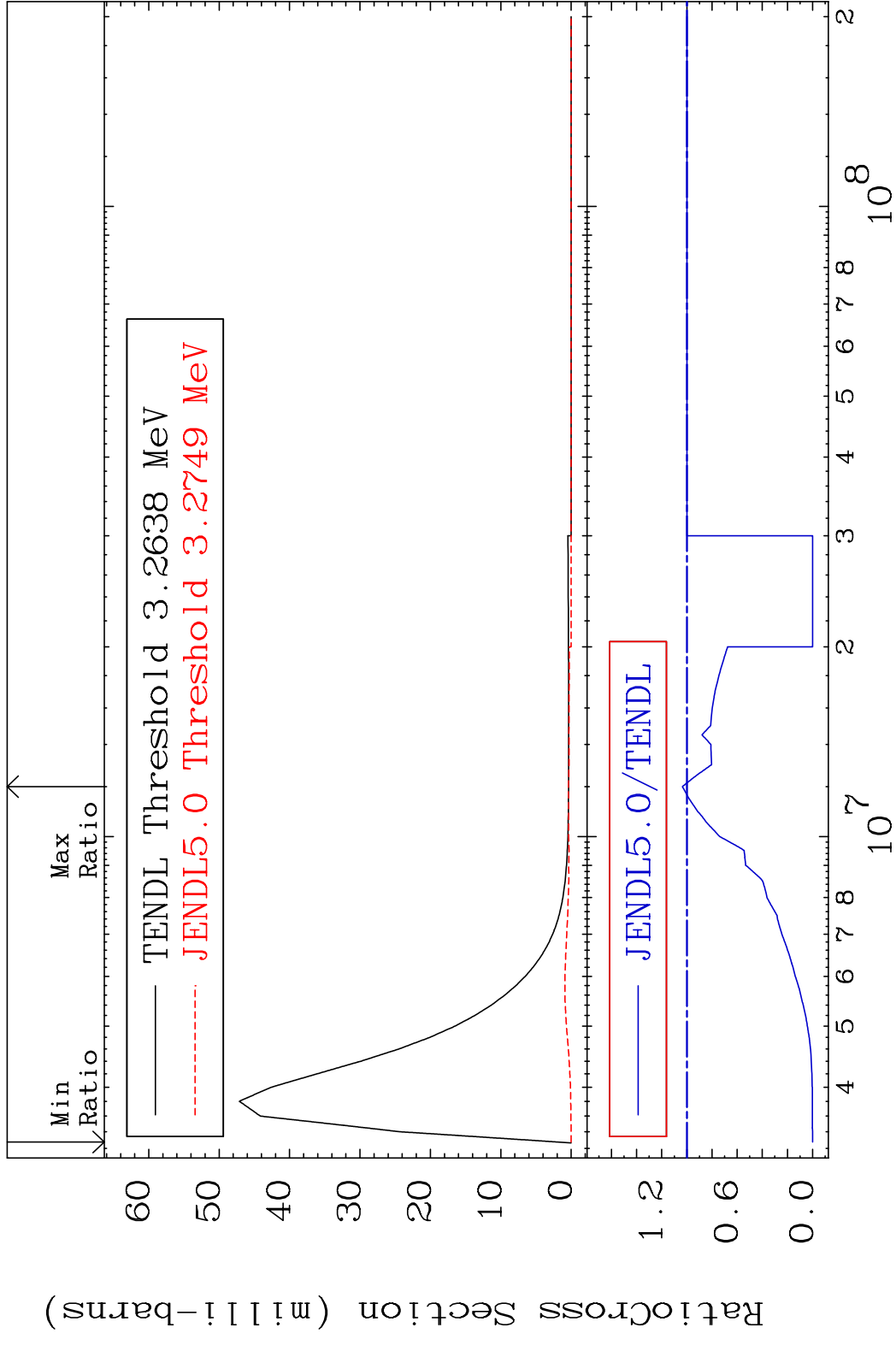
MAT 3643 MT= 66 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 52.53 %



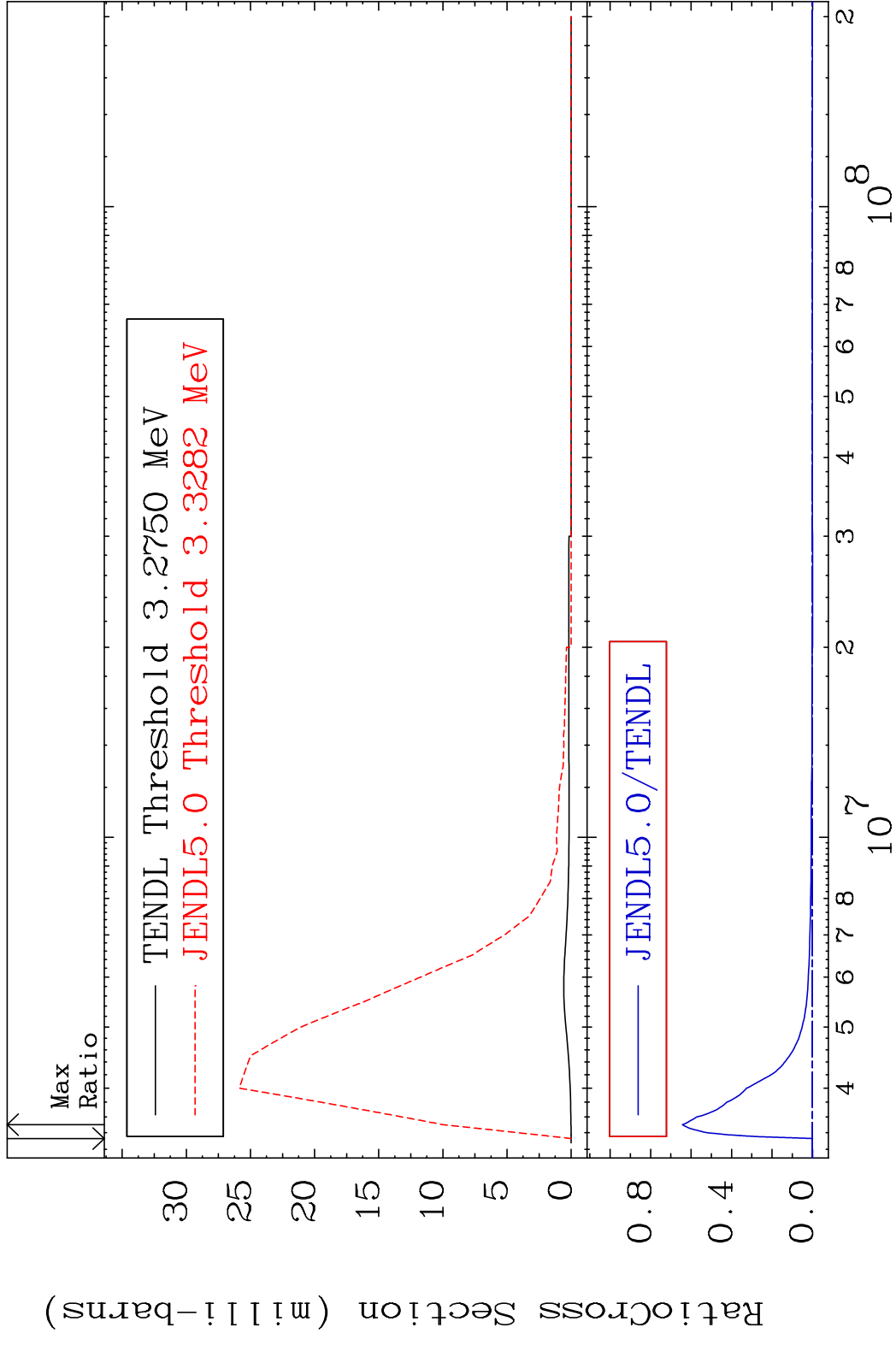
MAT 3643 MT= 67 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 158.3 %



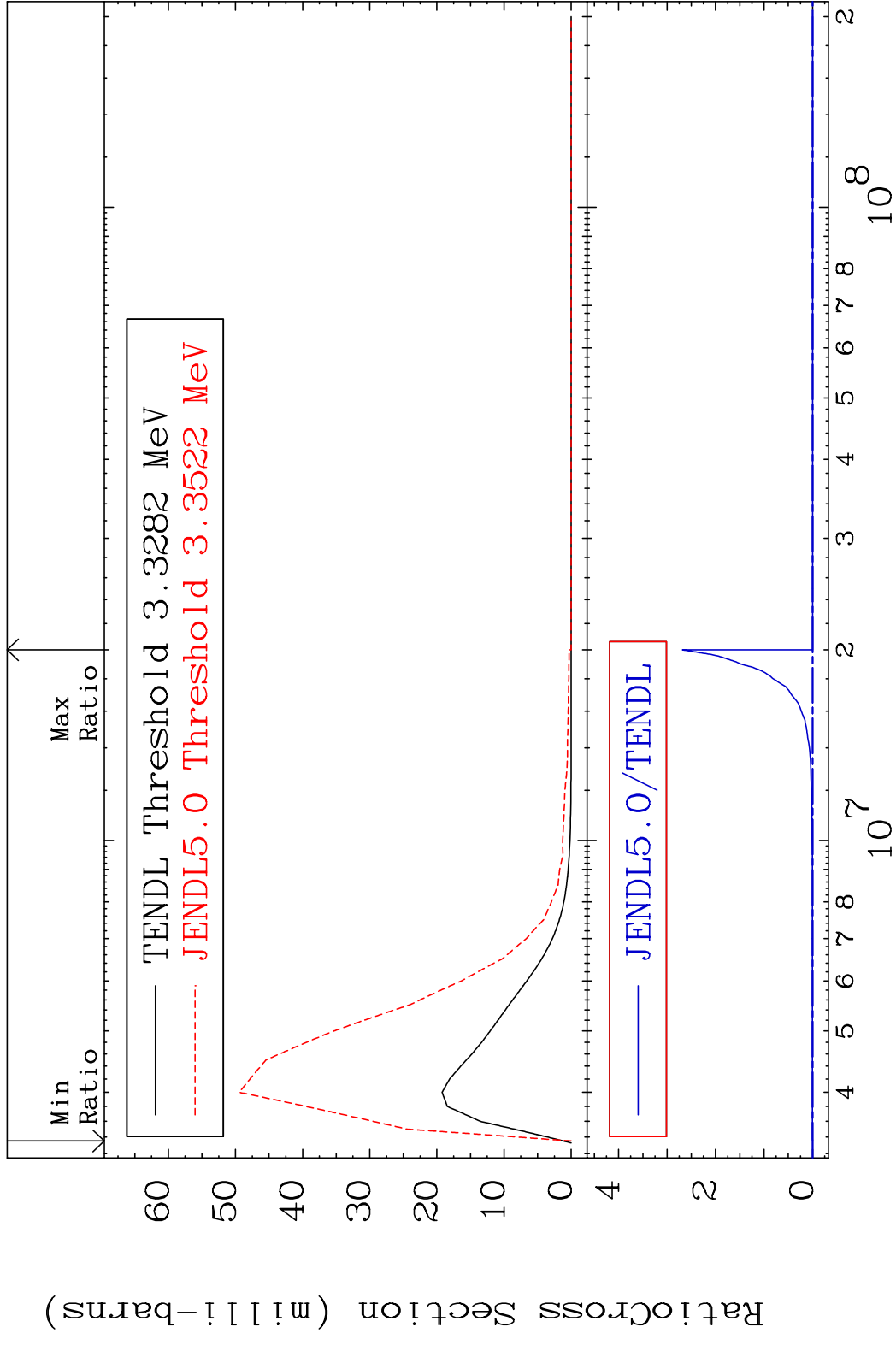
MAT 3643 MT= 68 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 3.592 %



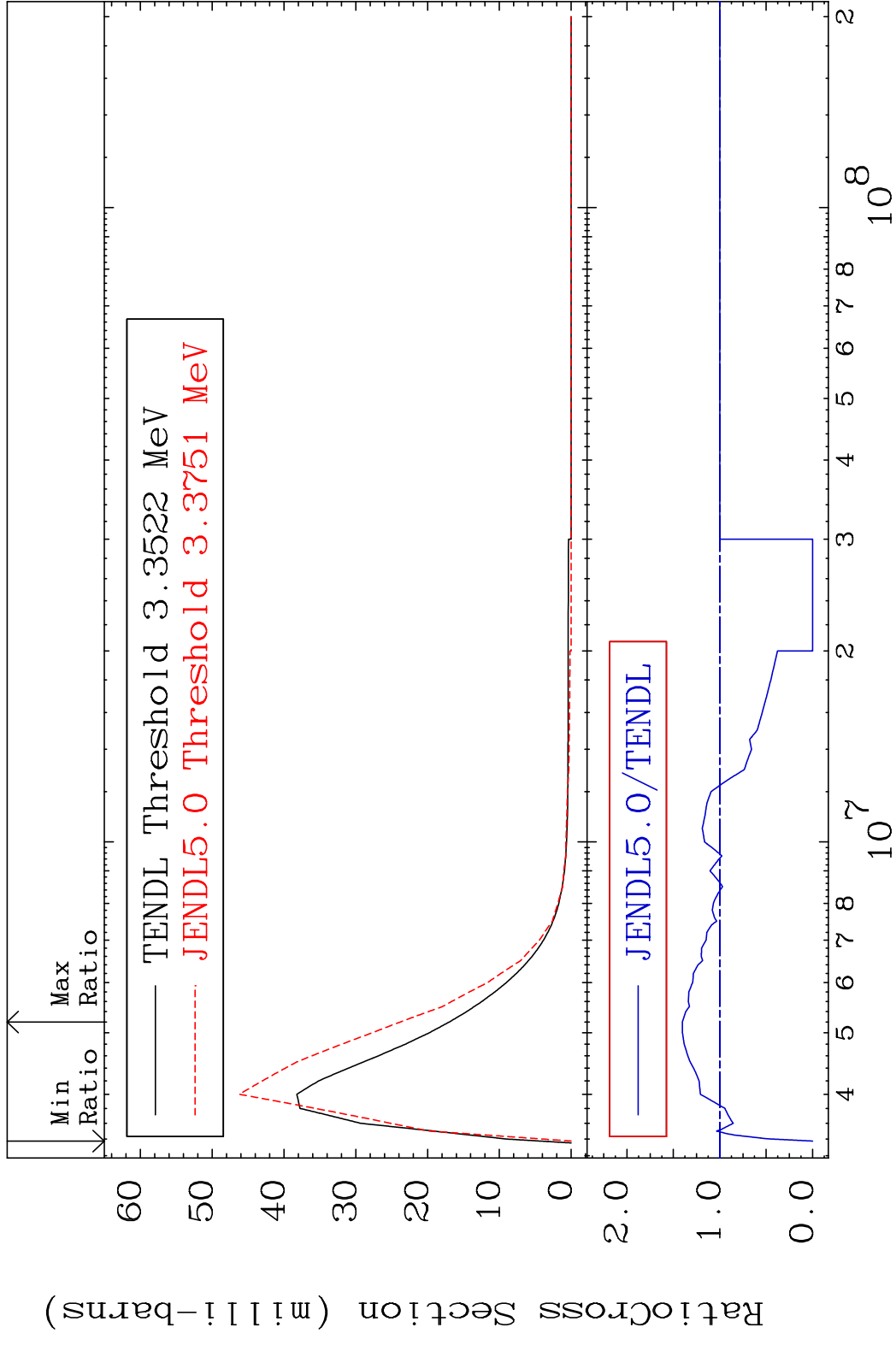
MAT 3643 MT= 69 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



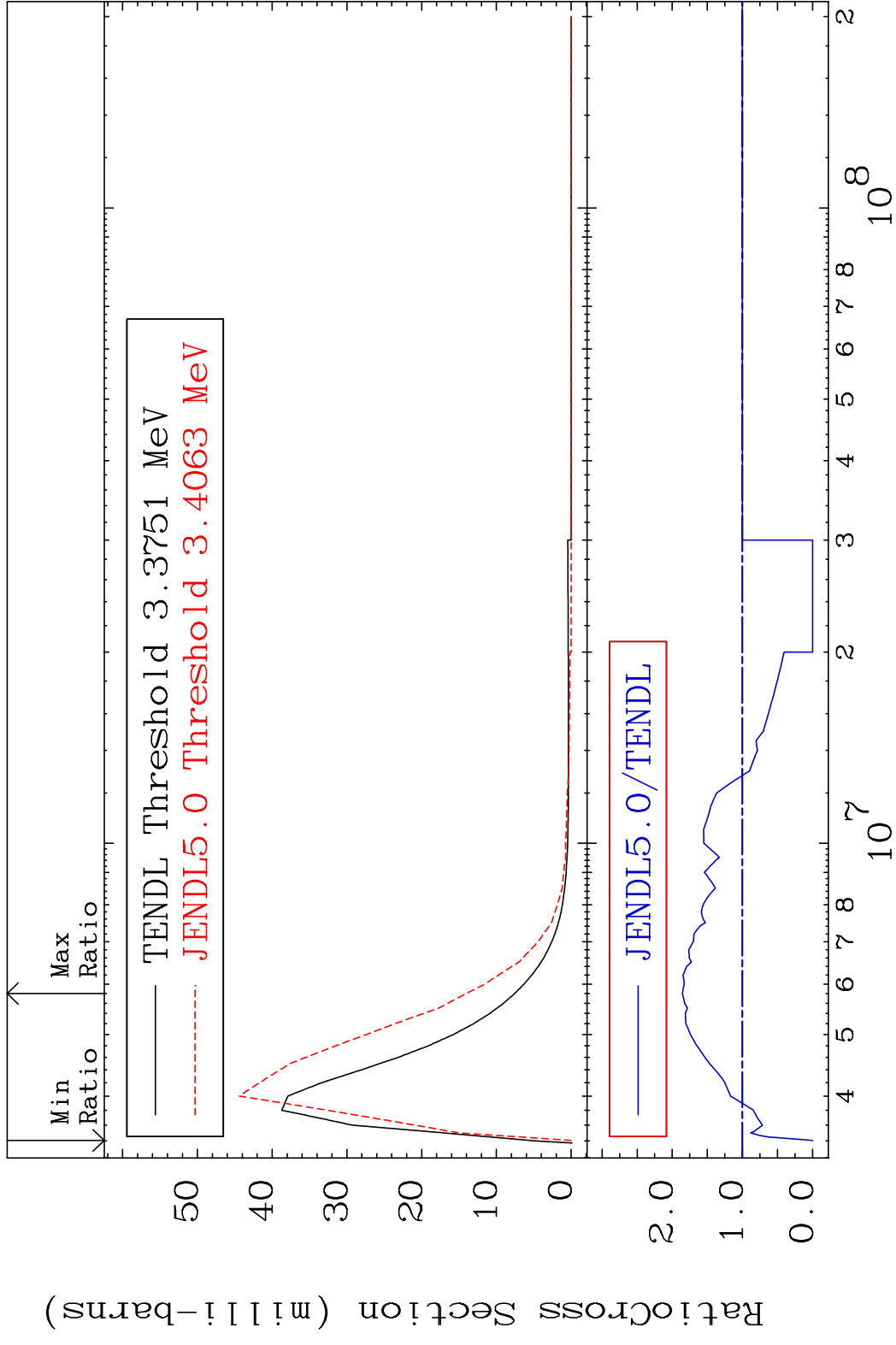
MAT 3643 MT= 70 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



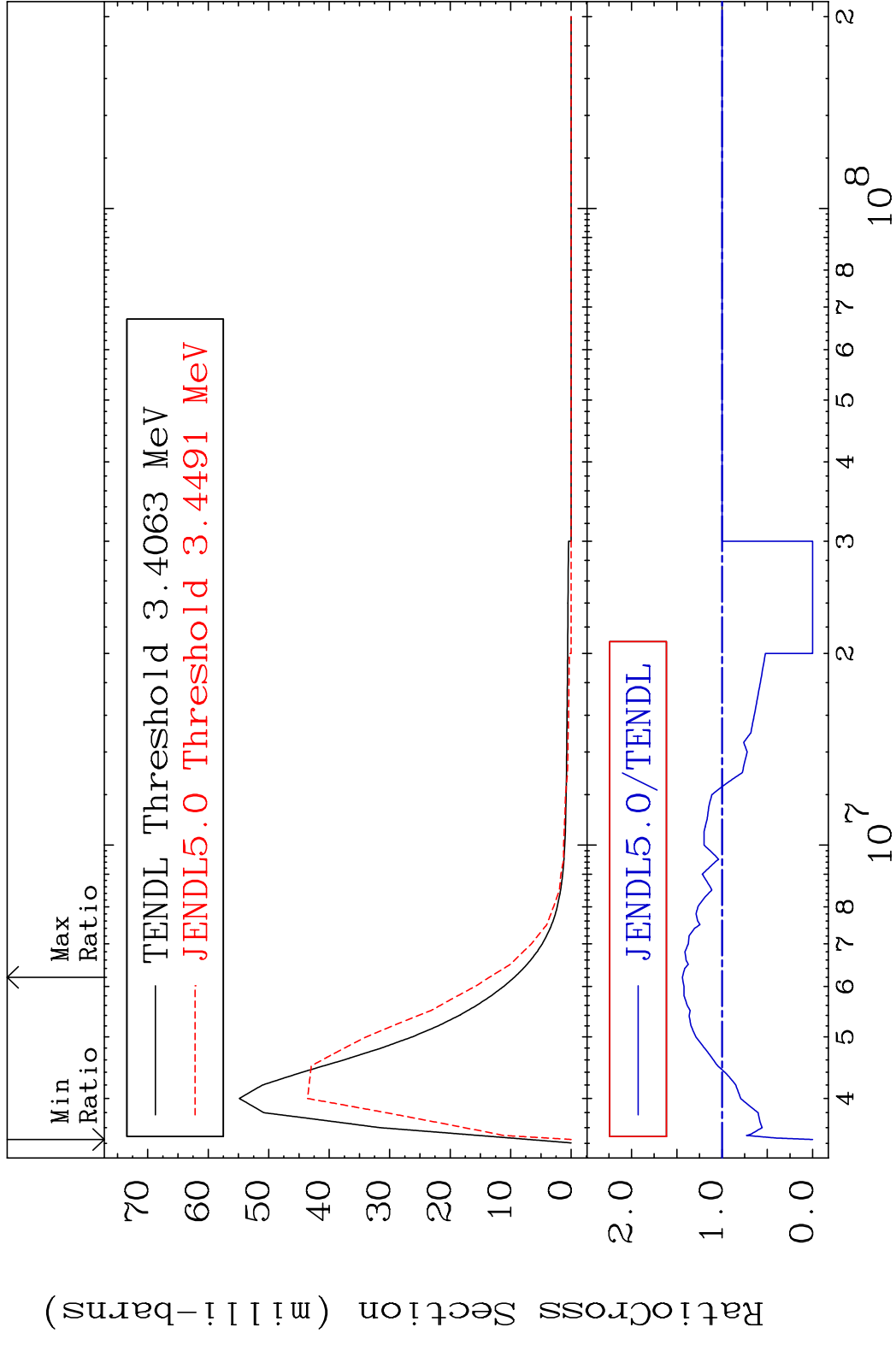
MAT 3643 MT= 71 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 40.33 %



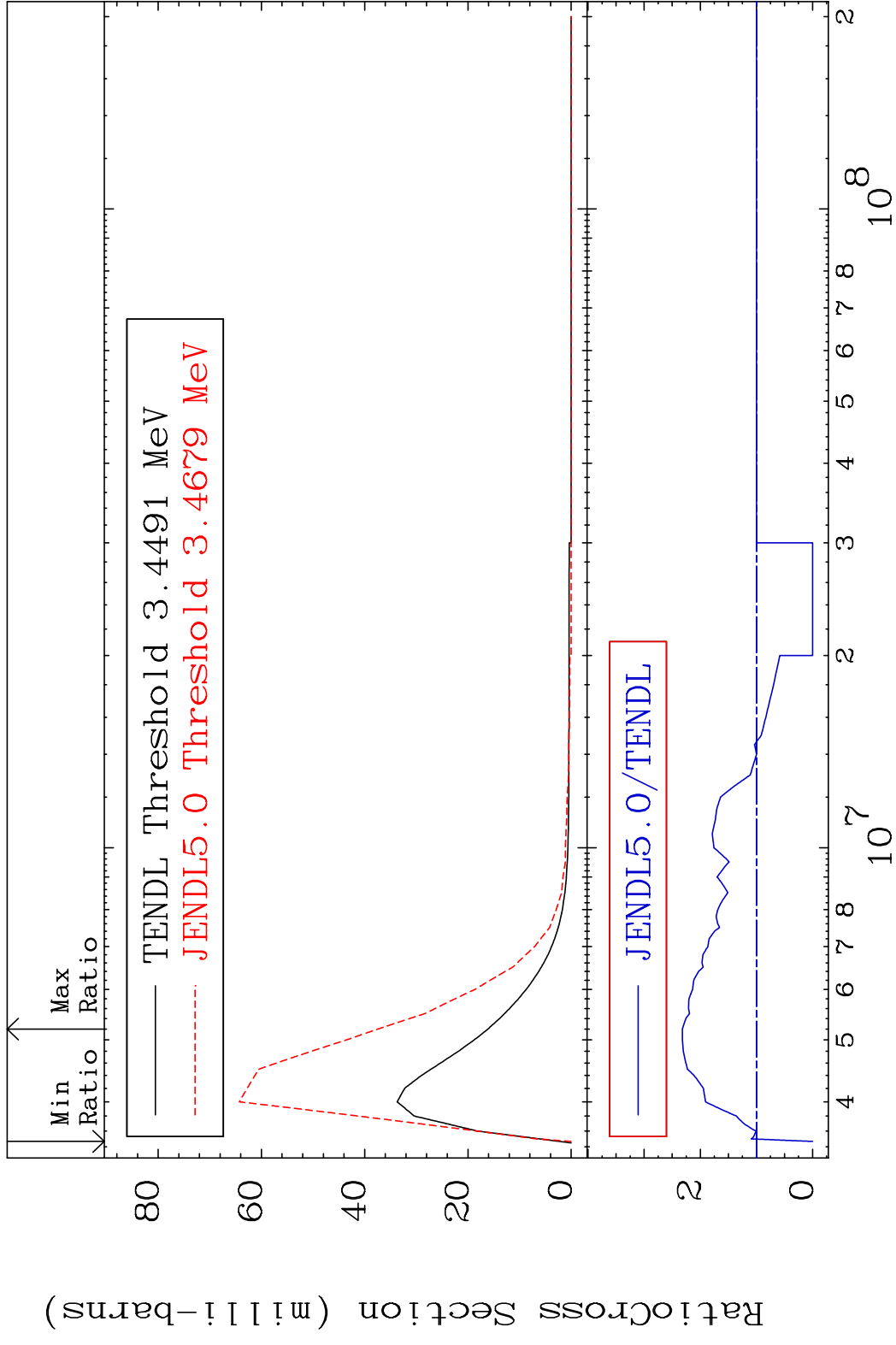
MAT 3643 MT= 72 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 85.55 %



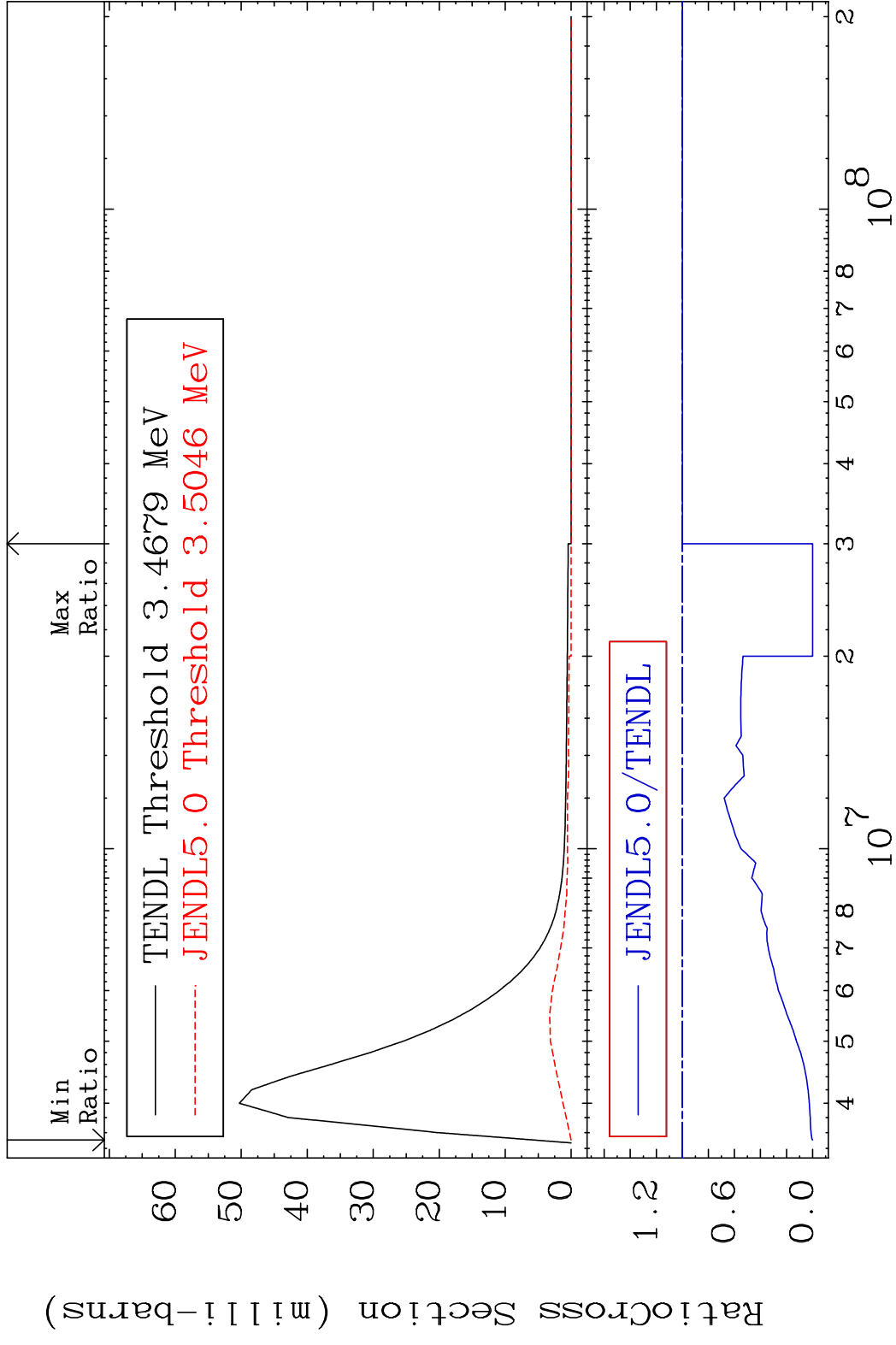
MAT 3643 MT= 73 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 43.90 %



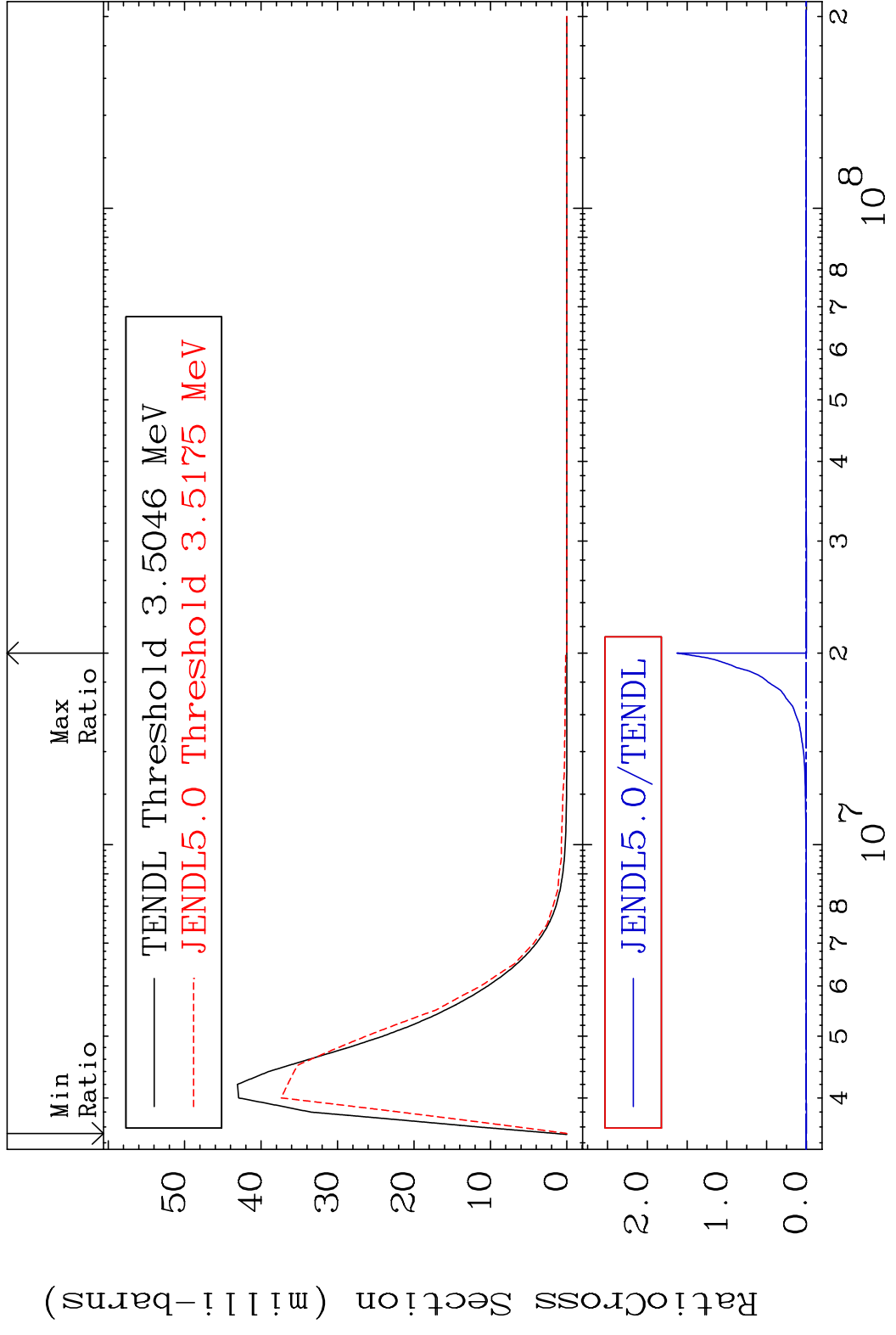
MAT 3643 MT= 74 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 132.0 %



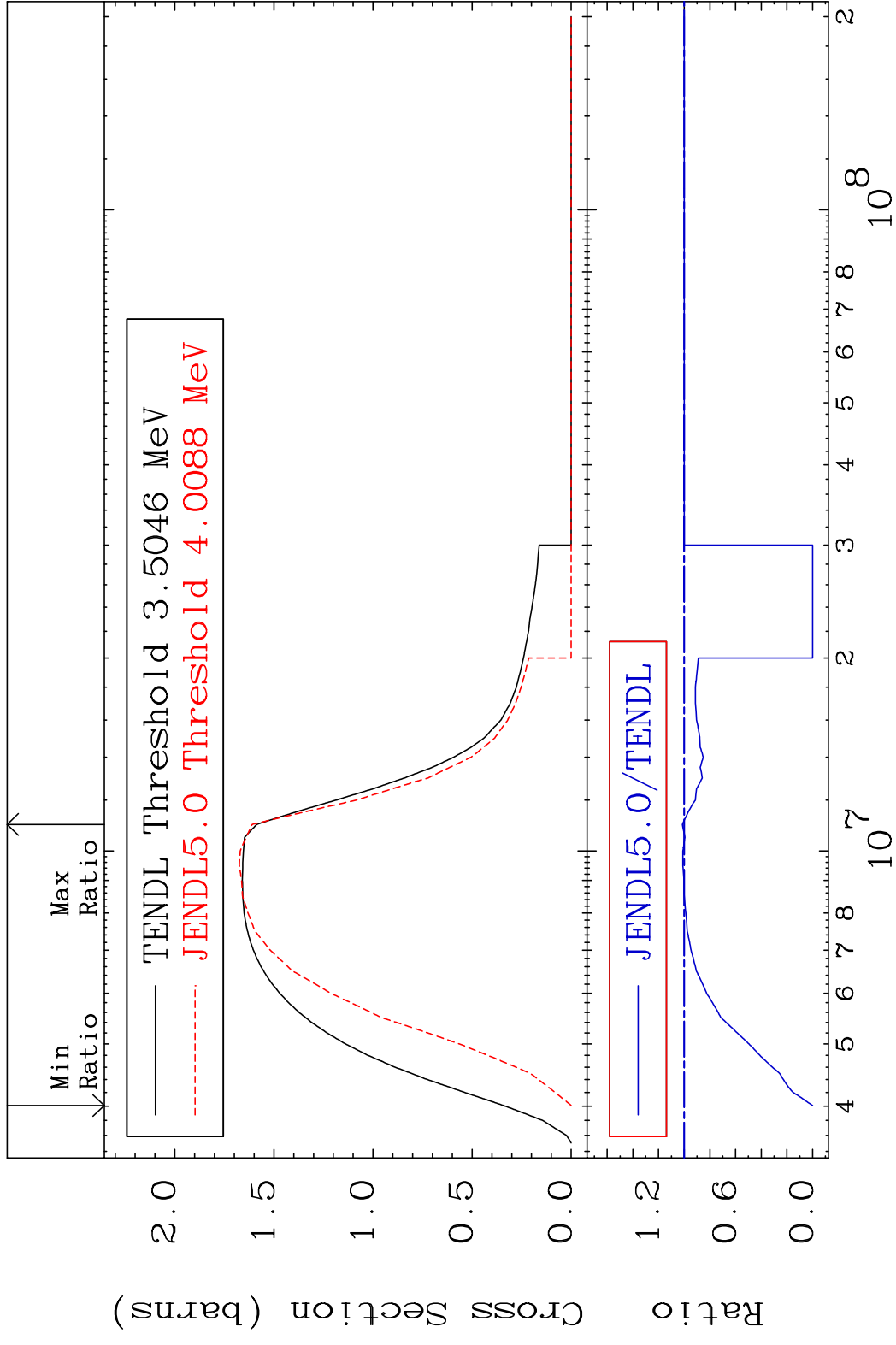
MAT 3643 MT= 75 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 0.000 %



MAT 3643 MT= 76 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 9999. %



MAT 3643 (n,n') Continuum 36-Kr-84
 Cross Section -100.0 To 1.453 %

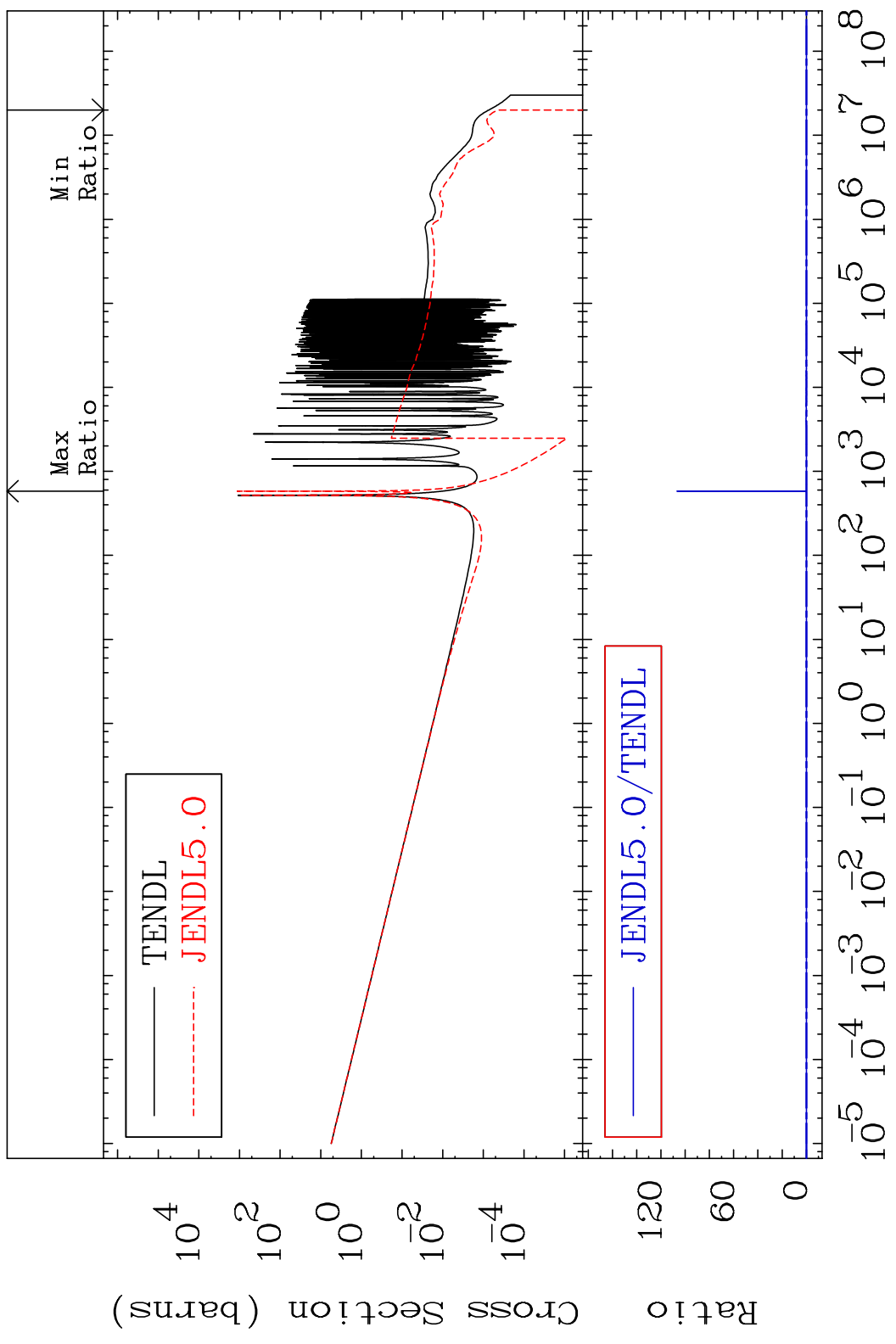


MAT 3643

(n, γ)

36-Kr-84

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

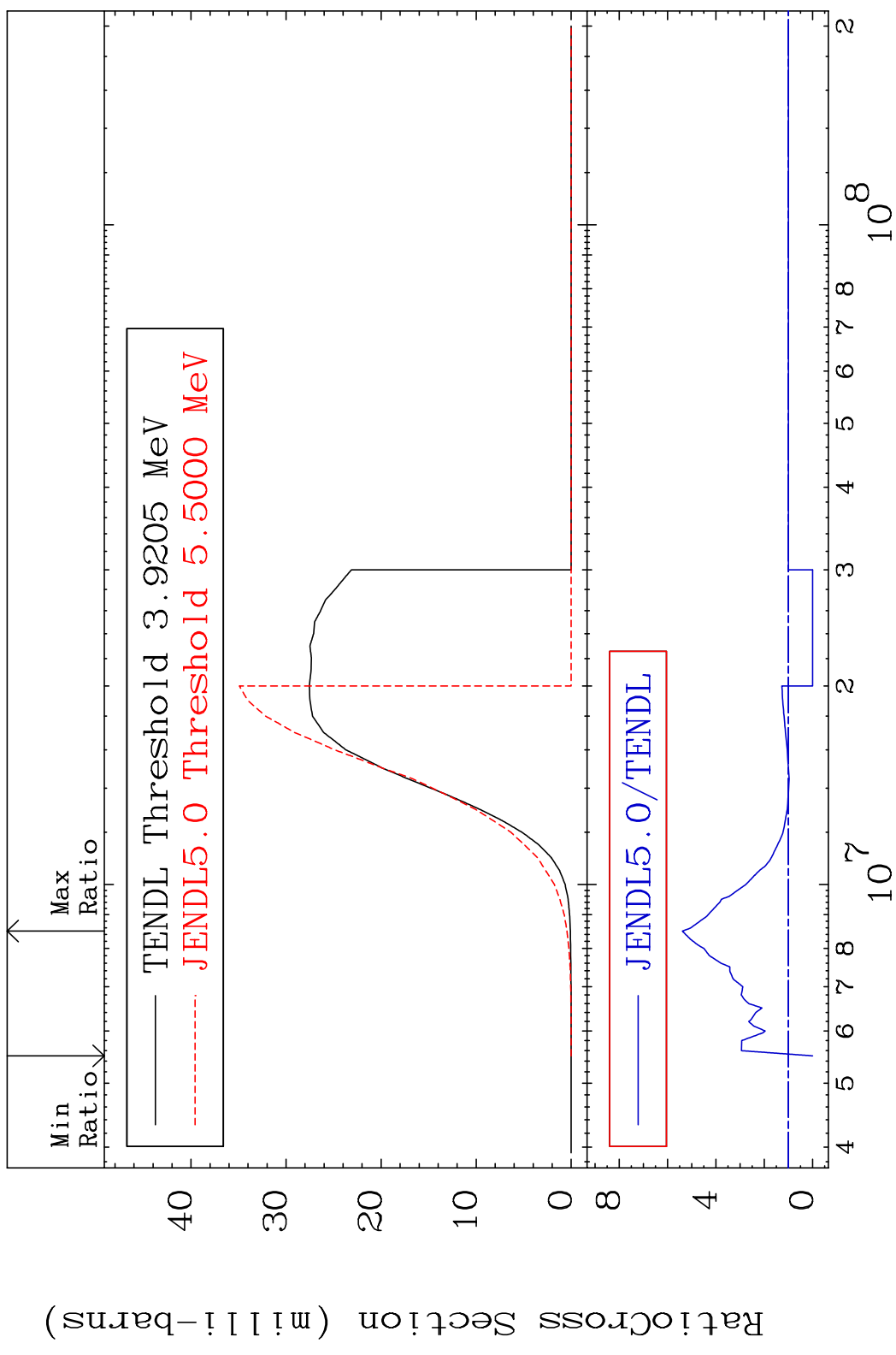
36-Kr-84

MAT 3643

(n,p)

³⁶Kr-84

Cross Section -100.0 To 438.7 %

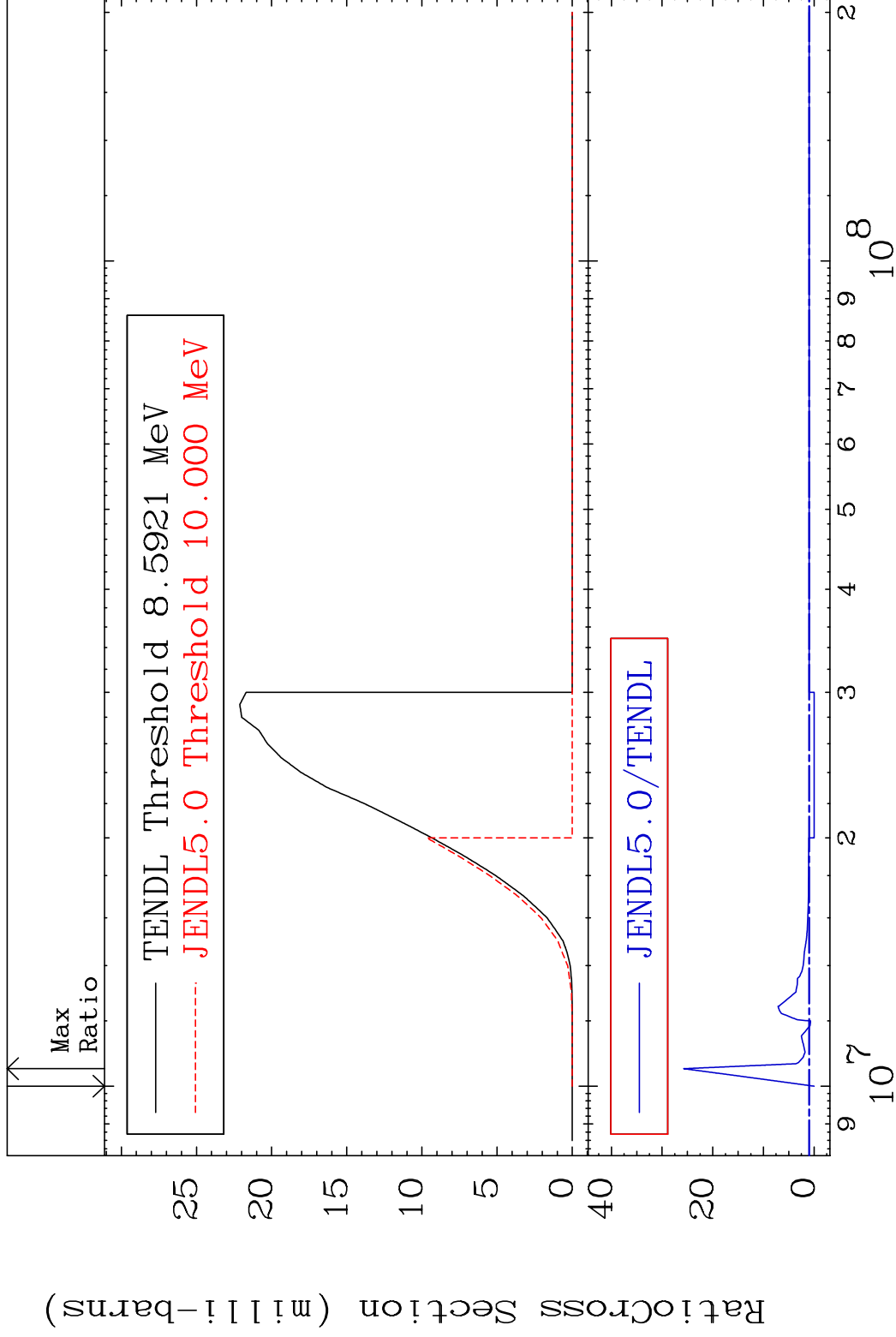


MAT 3643

(n,d)

36-Kr-84

Cross Section -100.0 To 2474. %

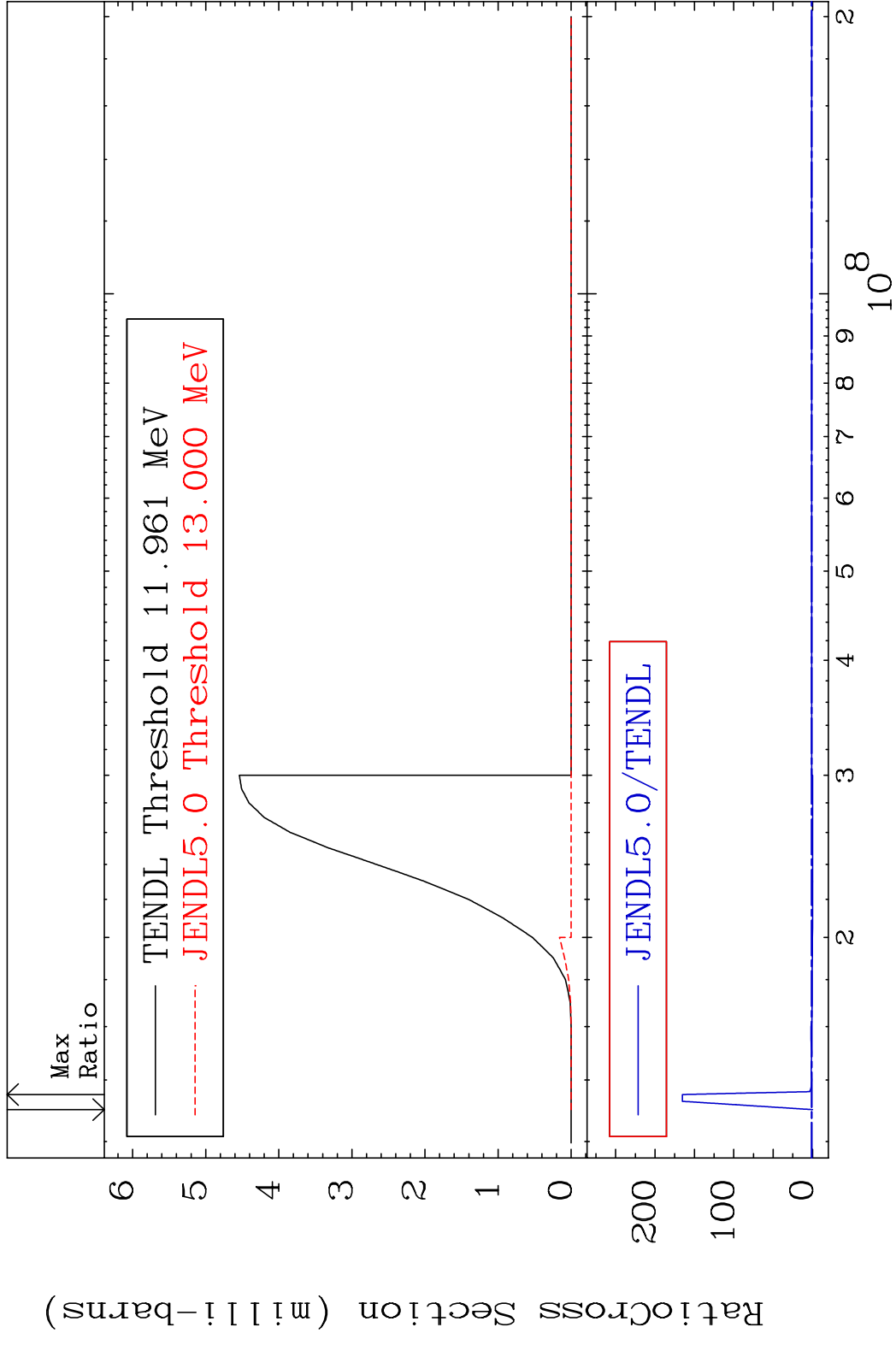


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Incident Energy (eV)

36-Kr-84

MAT 3643 (n, t) 36-Kr-84
 Cross Section -100.0 To 9999. %

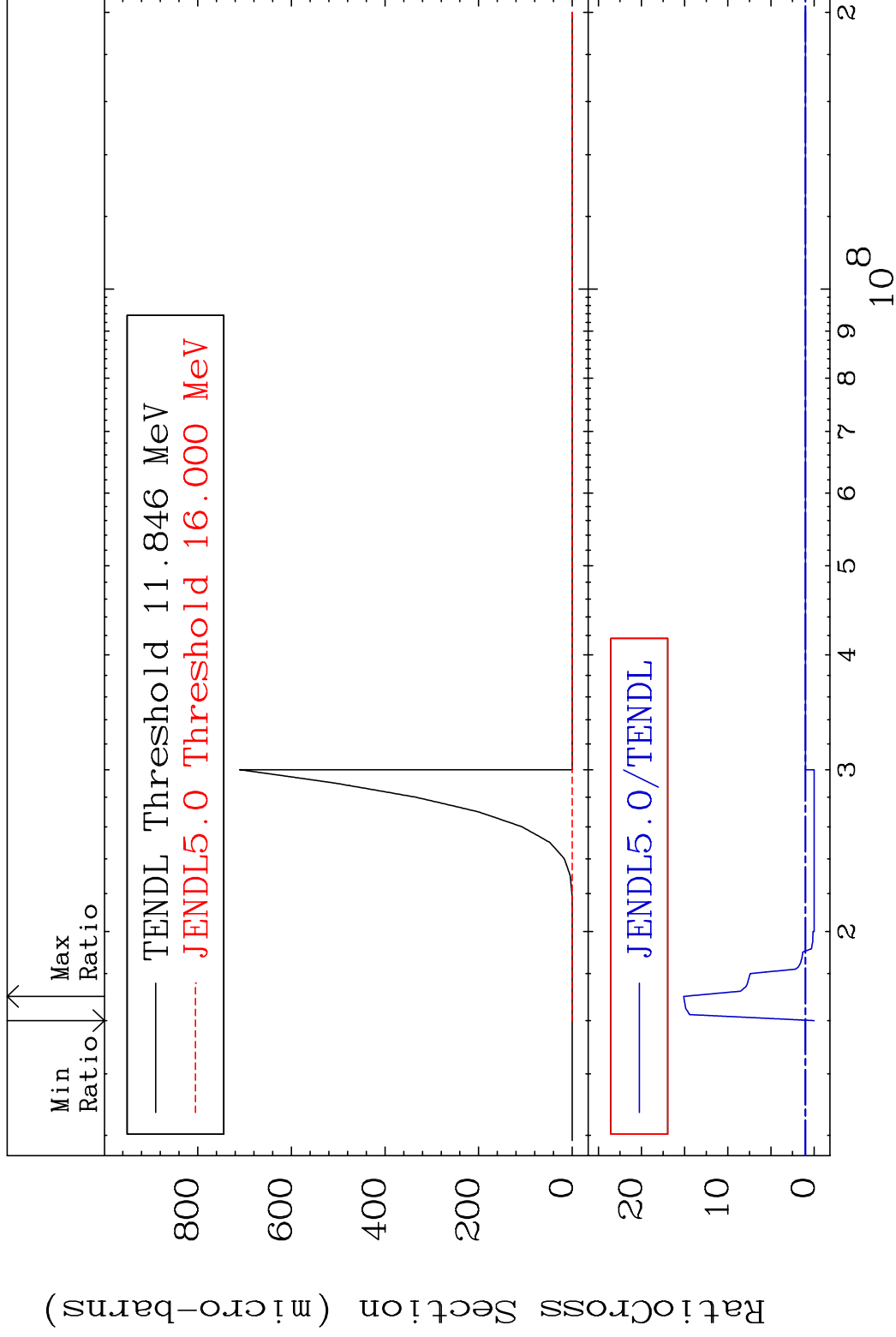


MAT 3643

(n, He-3)

36-Kr-84

Cross Section -100.0 To 1412. %

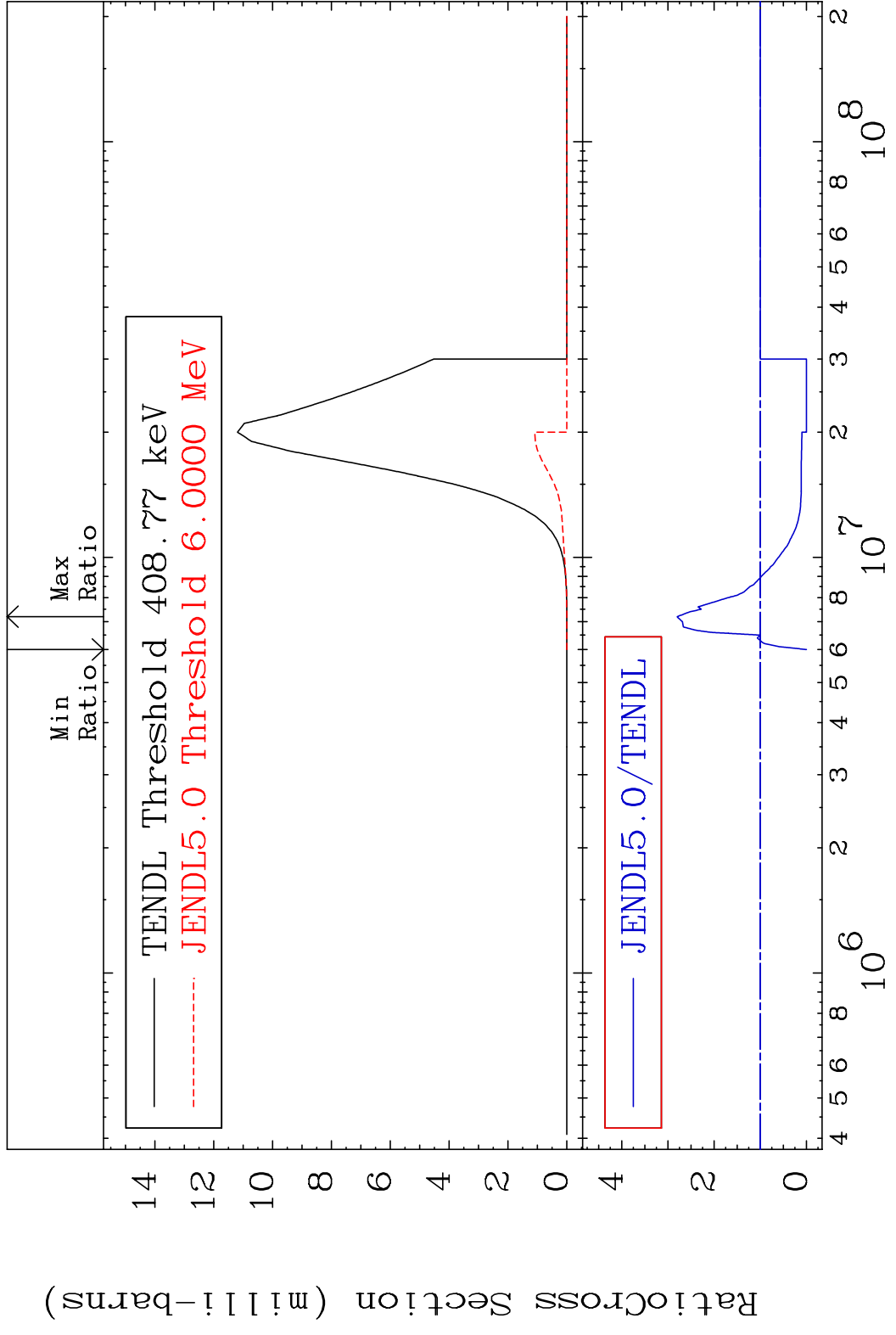


40

Incident Energy (eV)

36-Kr-84

MAT 3643 (n, α) 36-Kr-84
 Cross Section -100.0 To 179.9 %

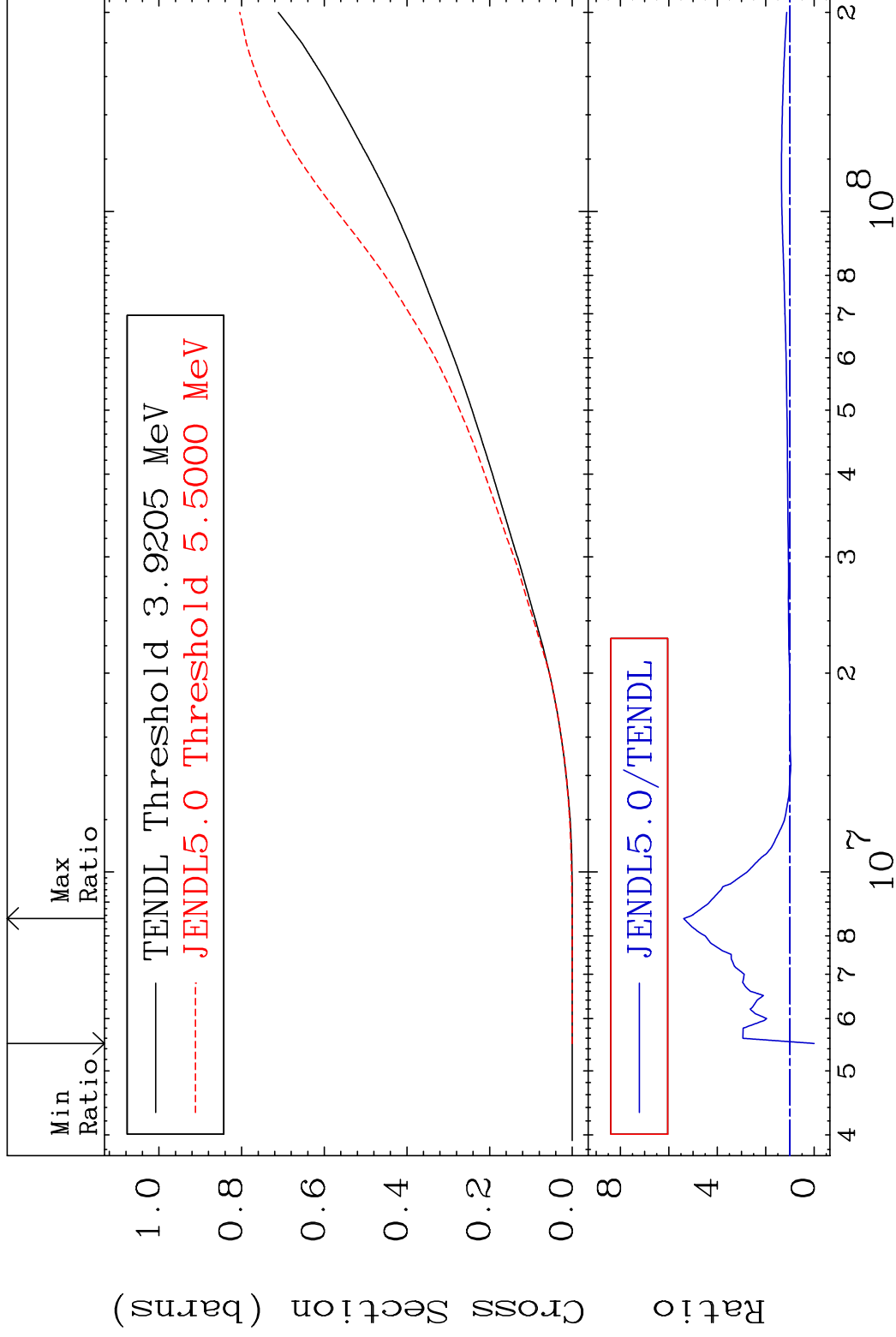


MAT 3643

Hydrogen Production

³⁶Kr-84

Cross Section -100.0 To 438.7 %

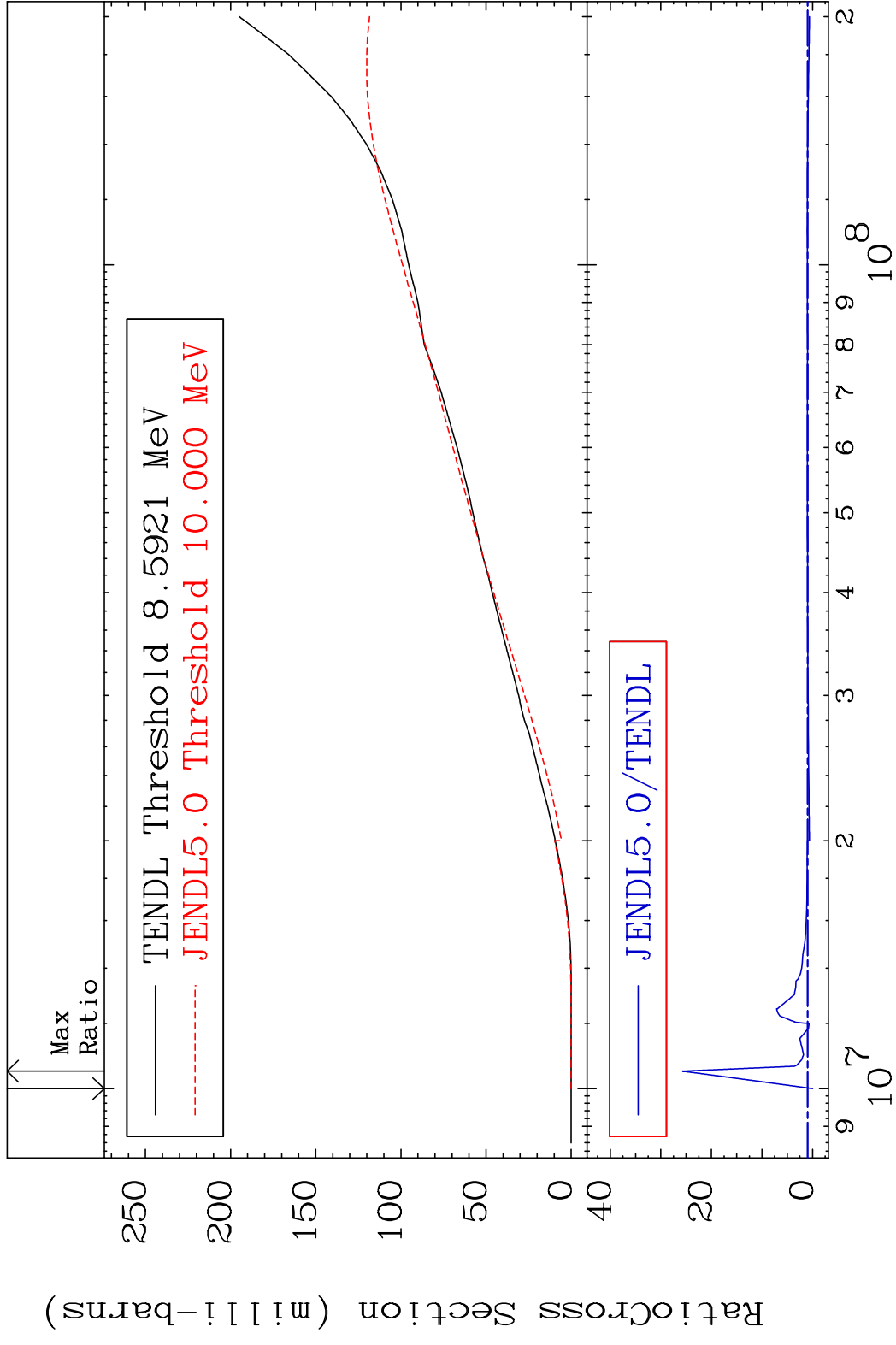


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Incident Energy (eV)

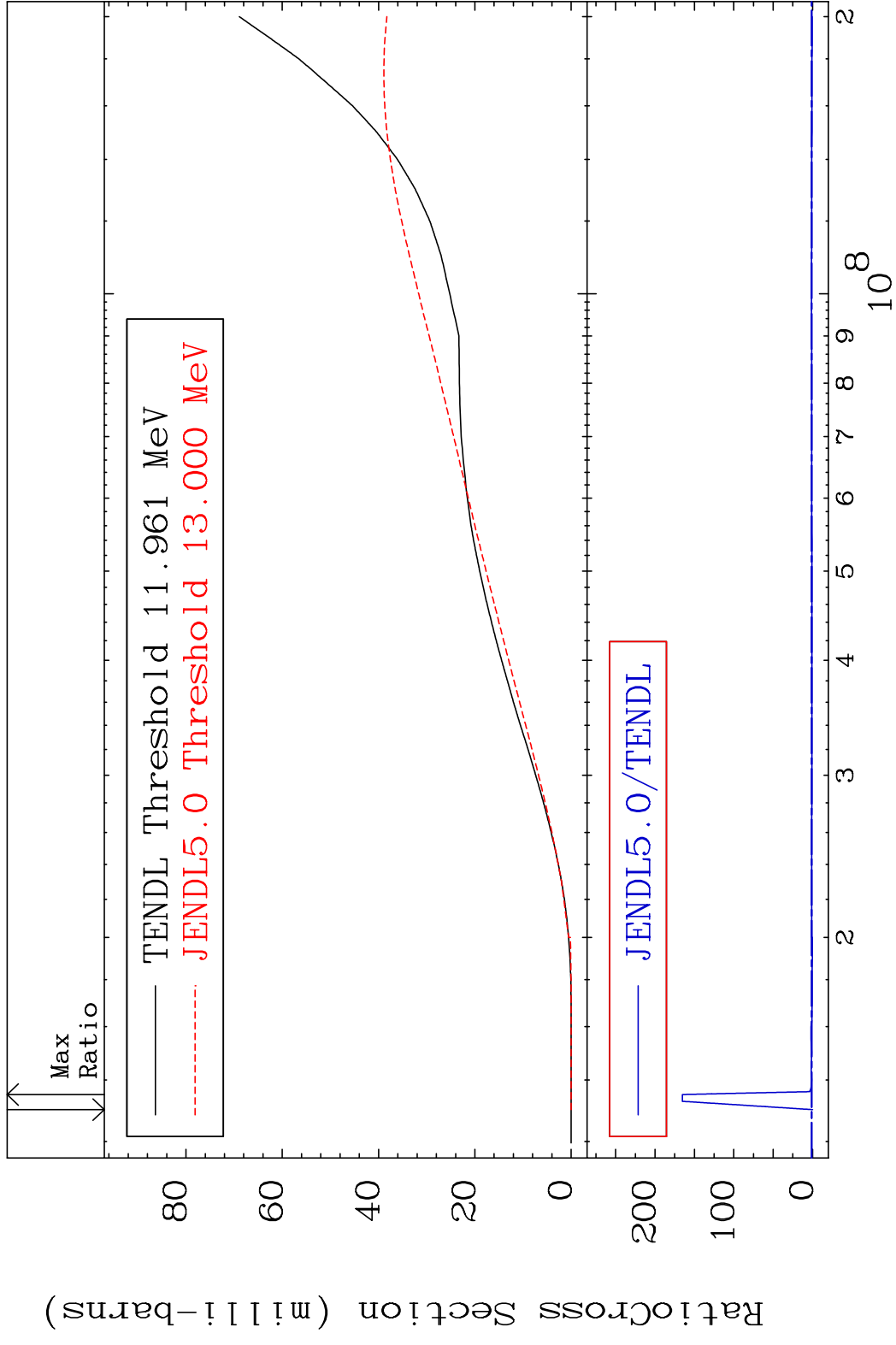
³⁶Kr-84

MAT 3643 Deuterium Production 36-Kr-84
 Cross Section -100.0 To 2474. %



43 Incident Energy (eV) 36-Kr-84

MAT 3643 Tritium Production 36-Kr-84
 Cross Section -100.0 To 9999. %

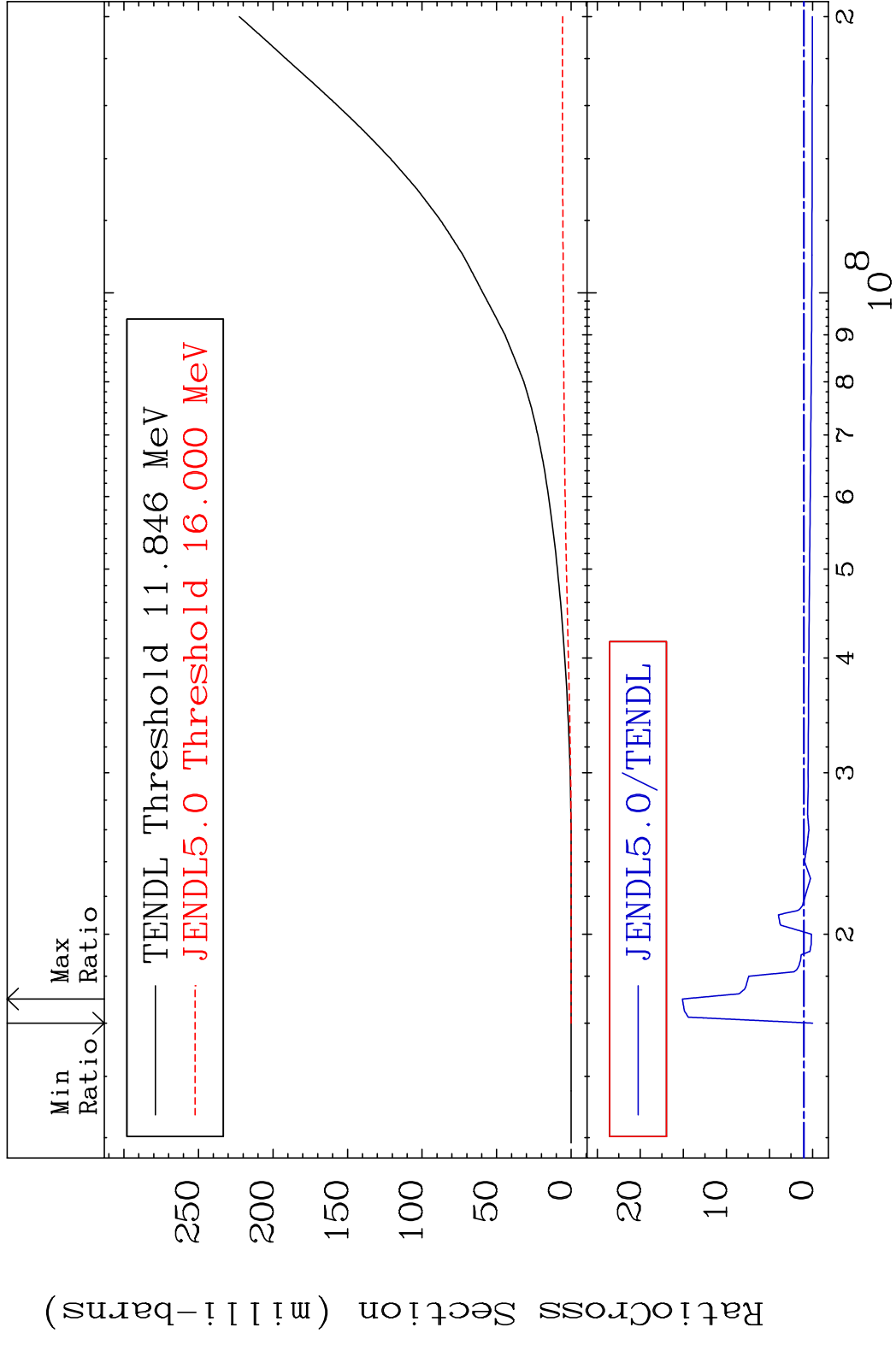


MAT 3643

He-3 Production

36-Kr-84

Cross Section -100.0 To 1412. %



45

Incident Energy (eV)

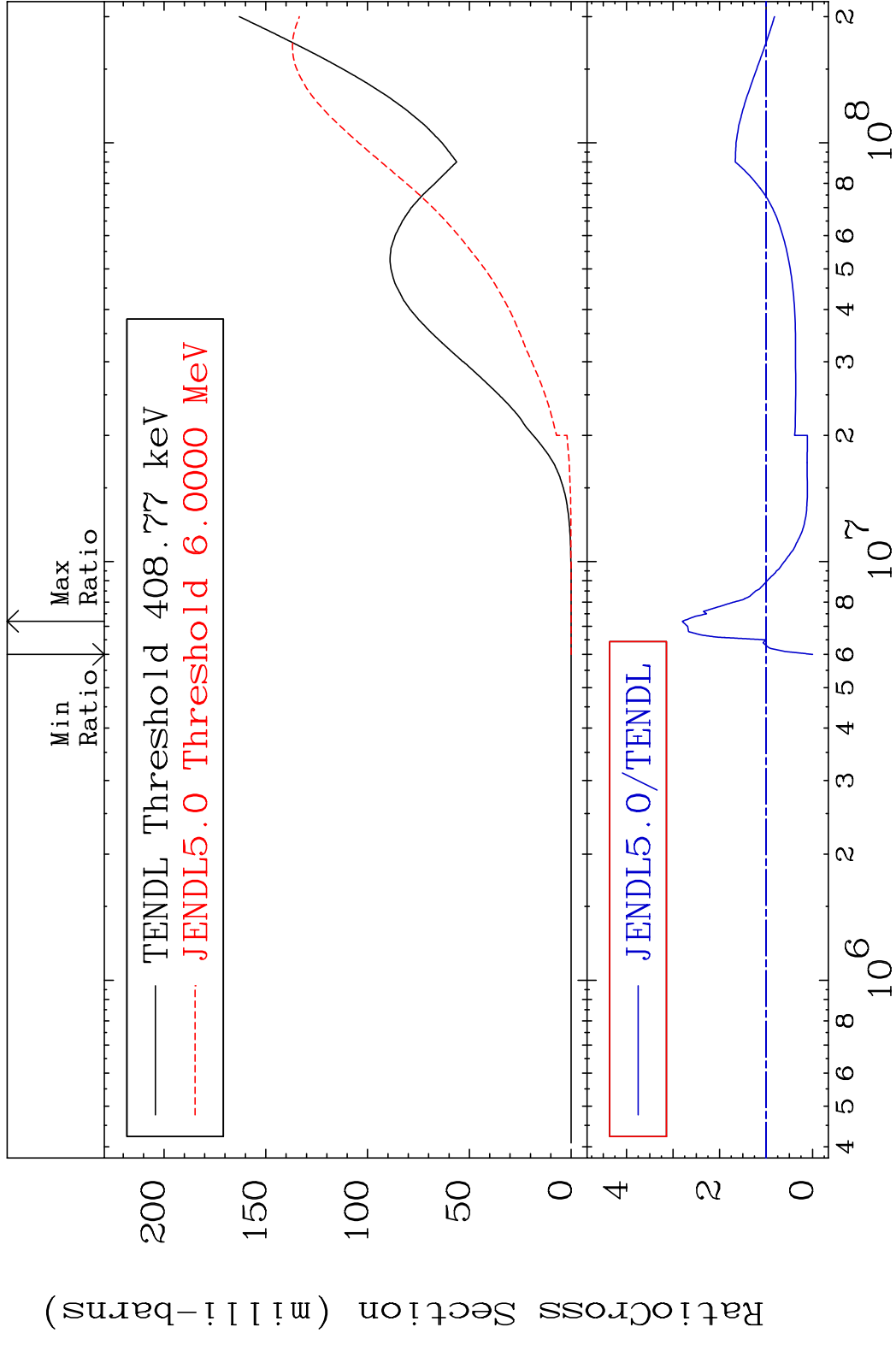
36-Kr-84

MAT 3643

He-4 Production

36-Kr-84

Cross Section -100.0 To 179.9 %

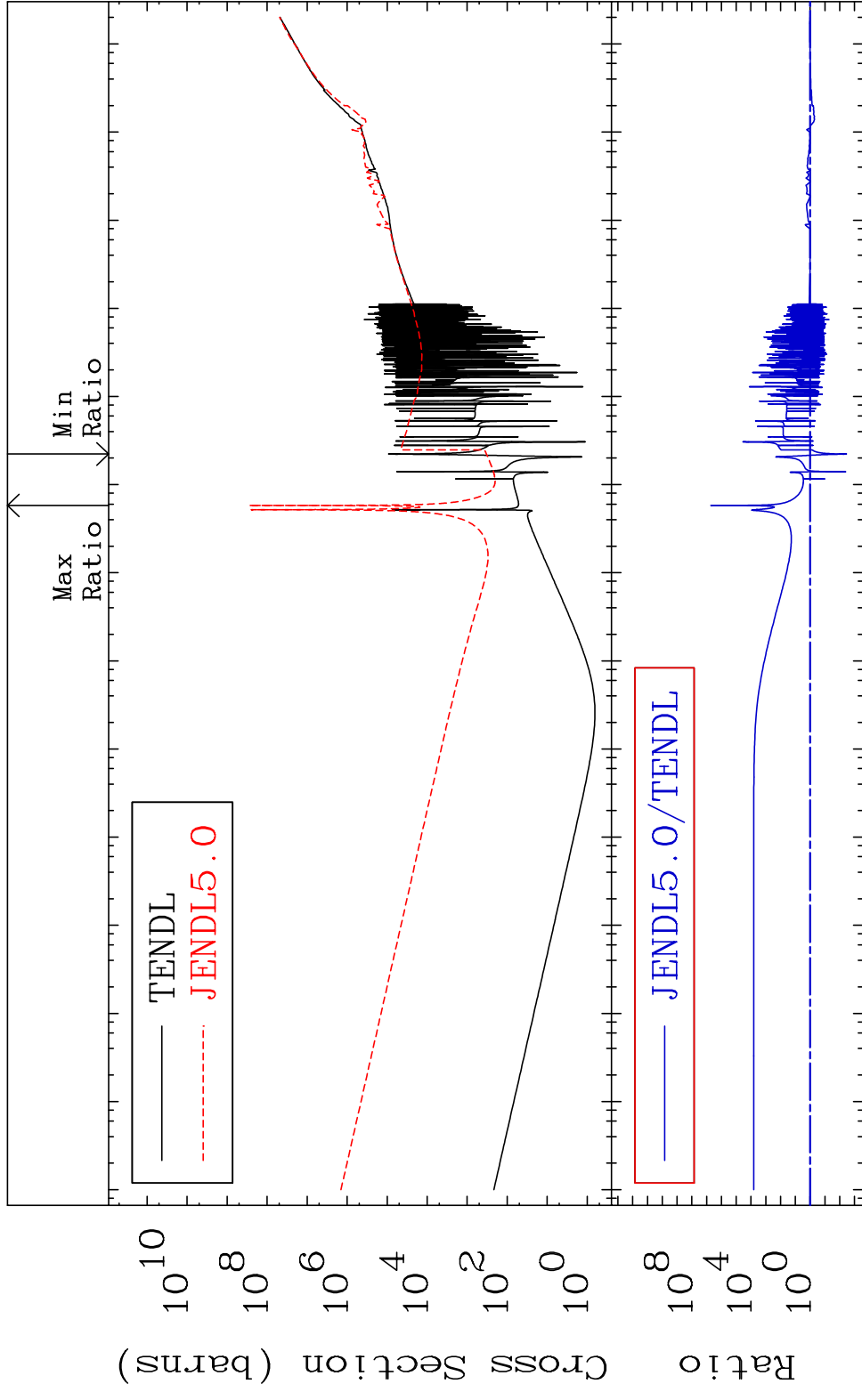


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Incident Energy (eV)

36-Kr-84

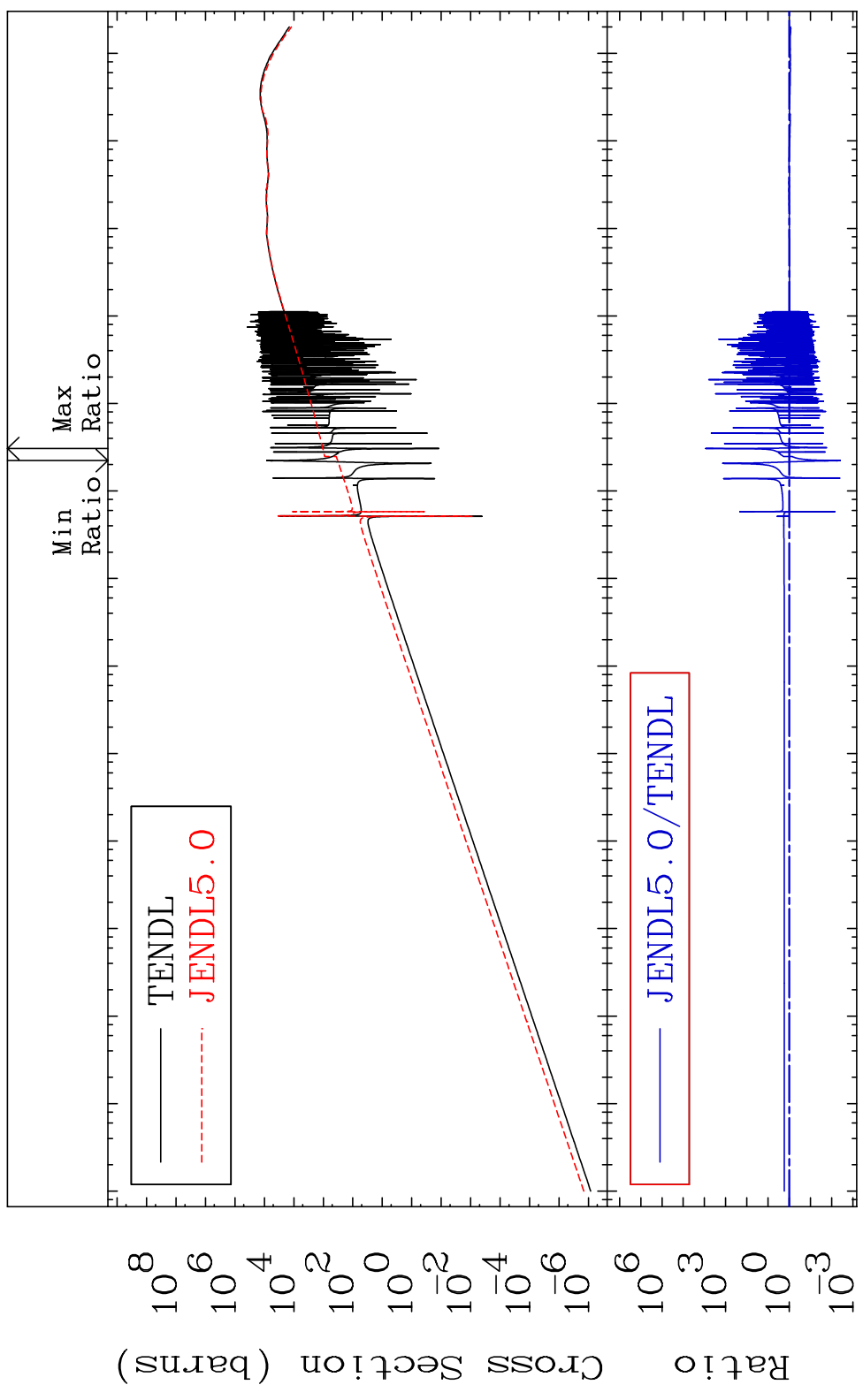
MAT 3643 Kerma total (eV-barns) 36-Kr-84
 Cross Section -99.64 To 9999. %



47 Incident Energy (eV) 36-Kr-84

MAT 3643

Kerma elastic Cross Section -99.61 To 9999. %
36-Kr-84

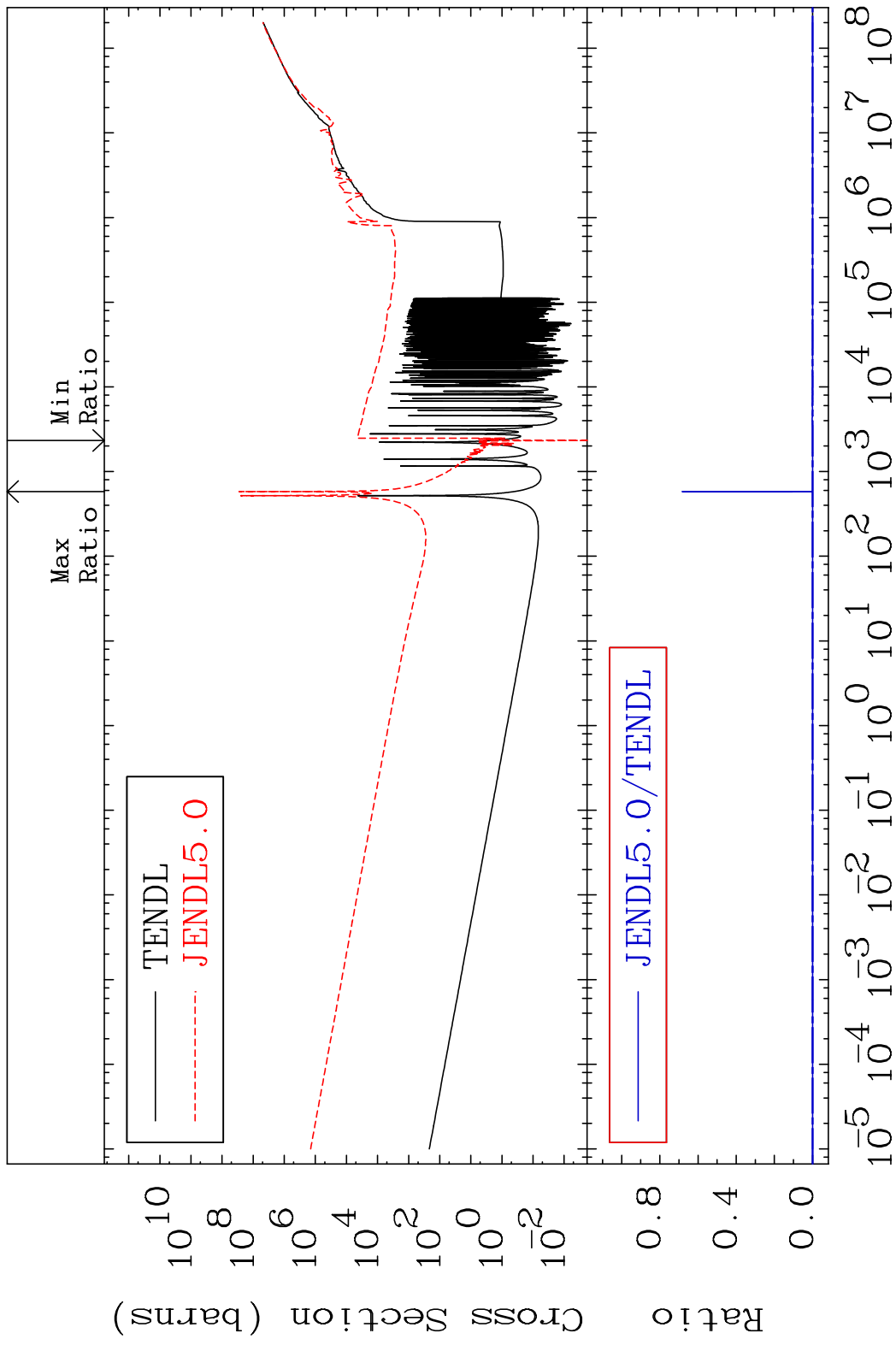


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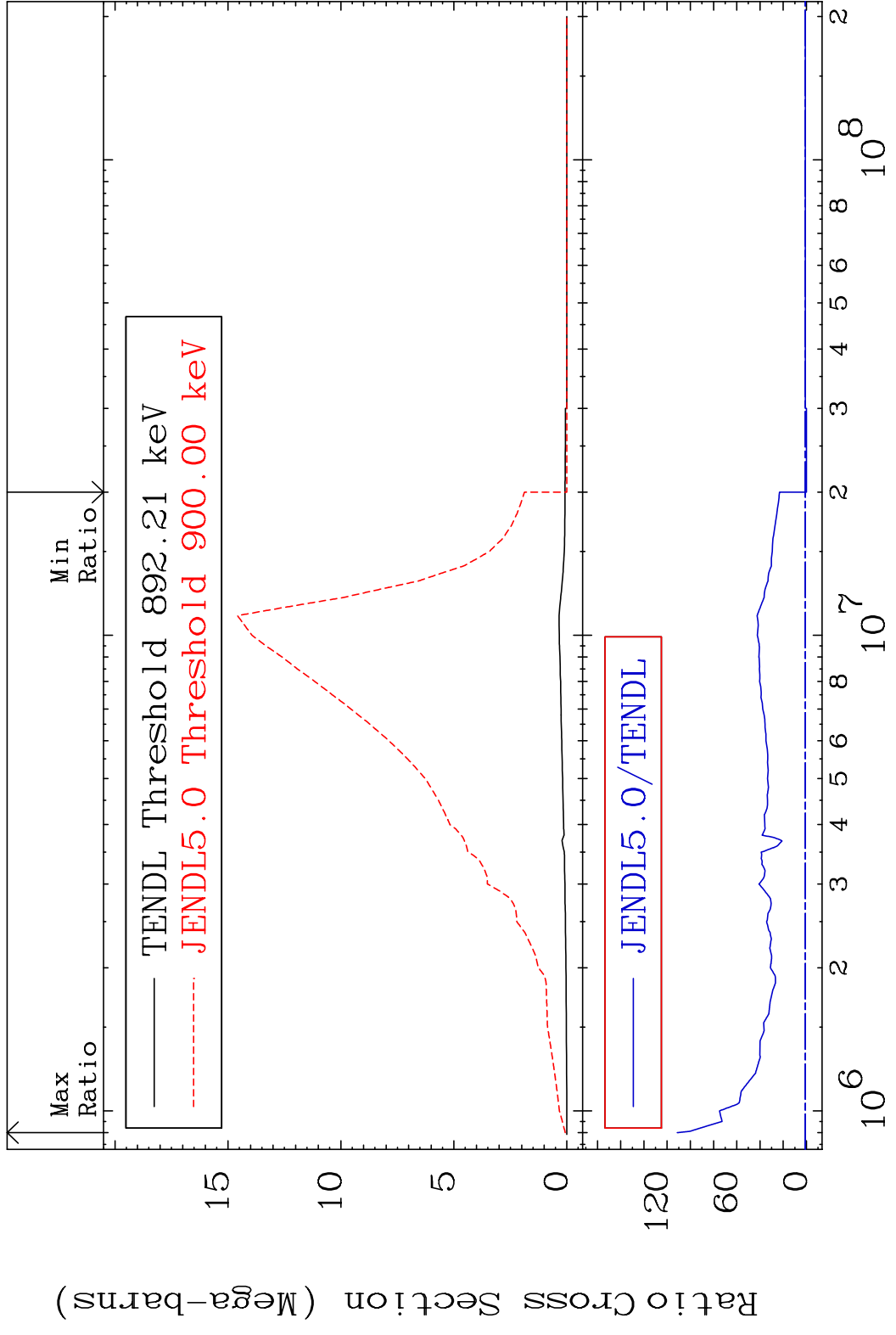
Incident Energy (eV)

36-Kr-84

MAT 3643 Kerma non-elastic (all but mt2) 36-Kr-84
 Cross Section -102.3 To 9999. %

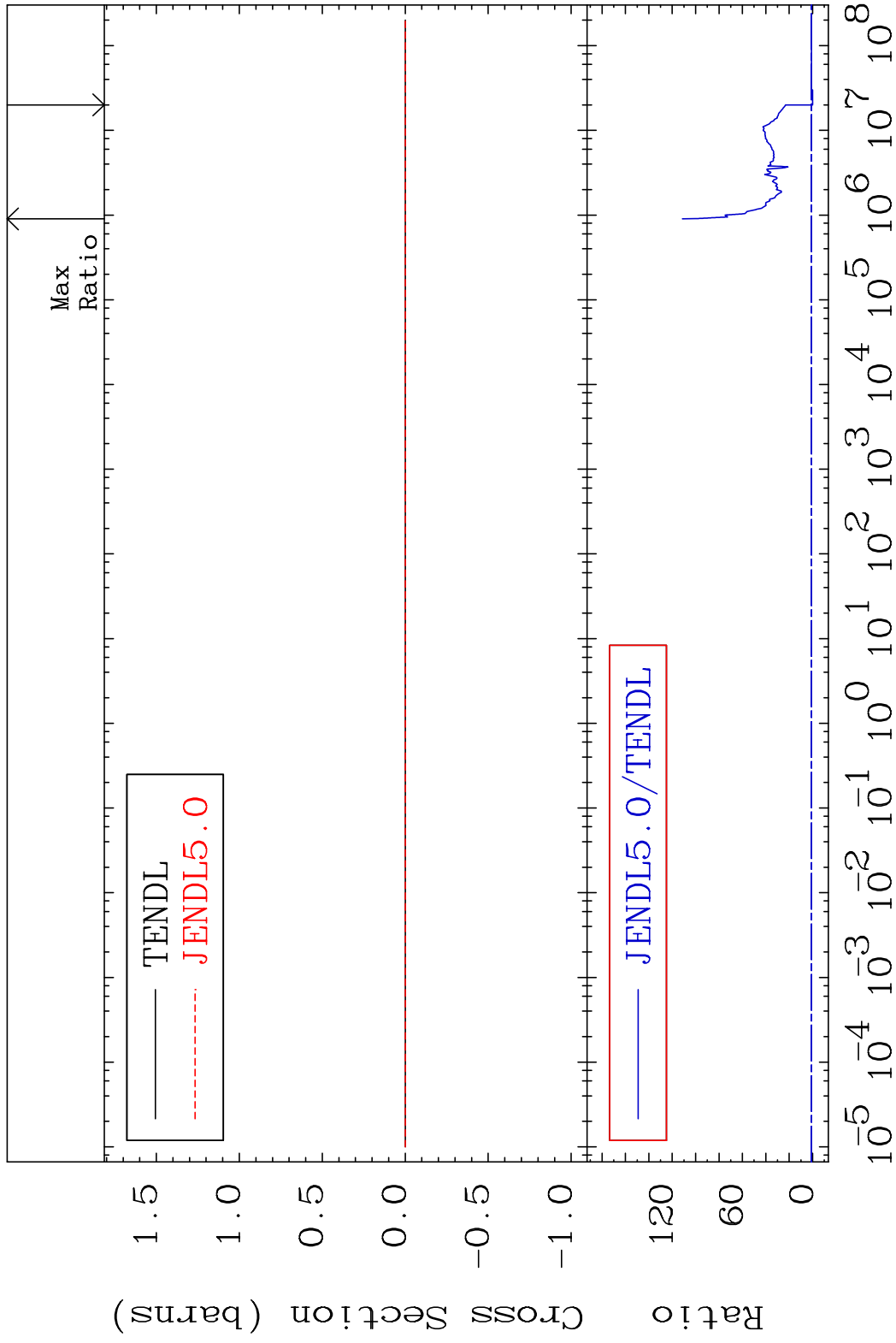


MAT 3643 Kerma inelastic (mt51-91) 36-Kr-84
 Cross Section -100.0 To 9999. %

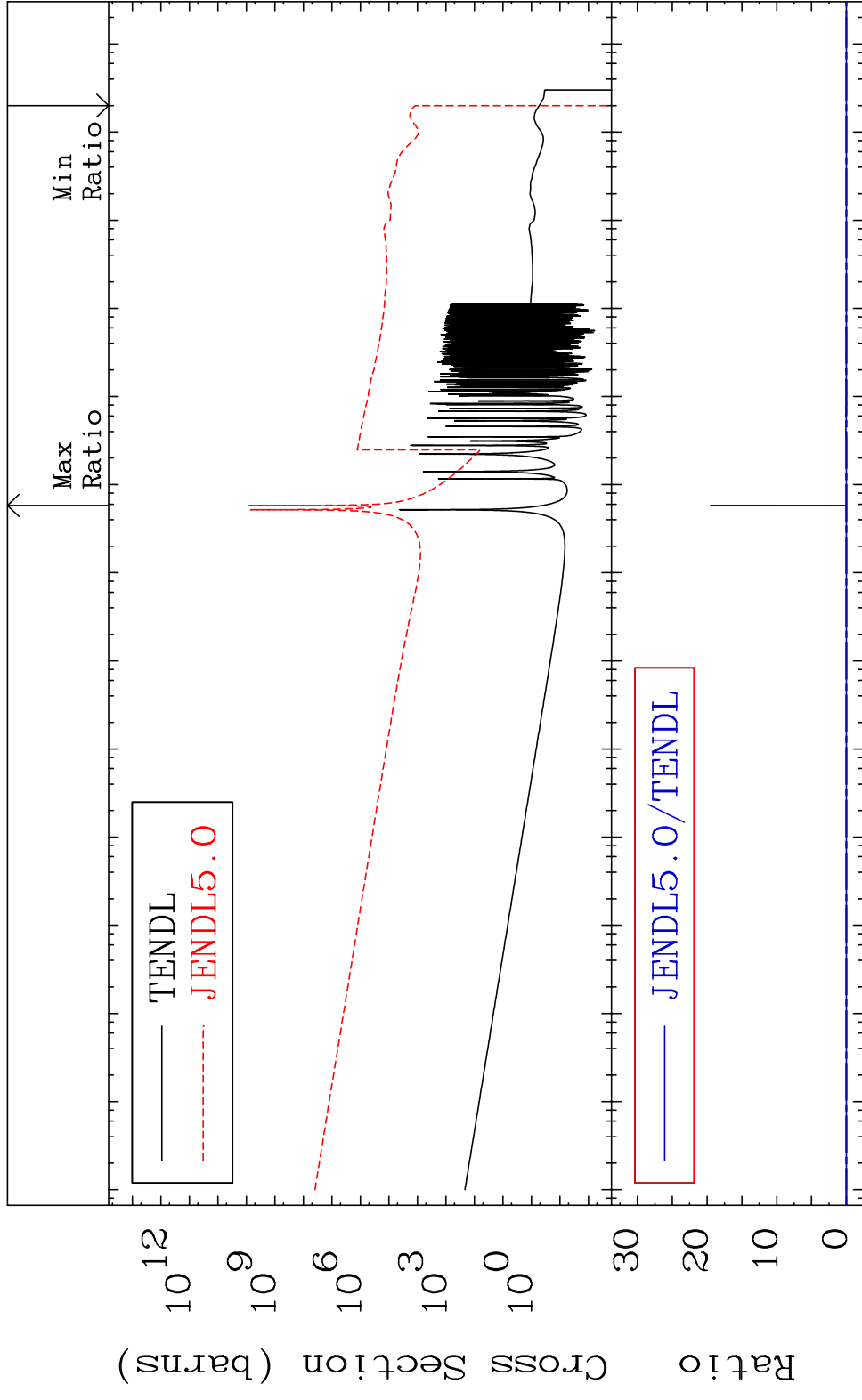


50 120 60 0 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2

MAT 3643 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-84
 Cross Section -100.0 To 9999. %

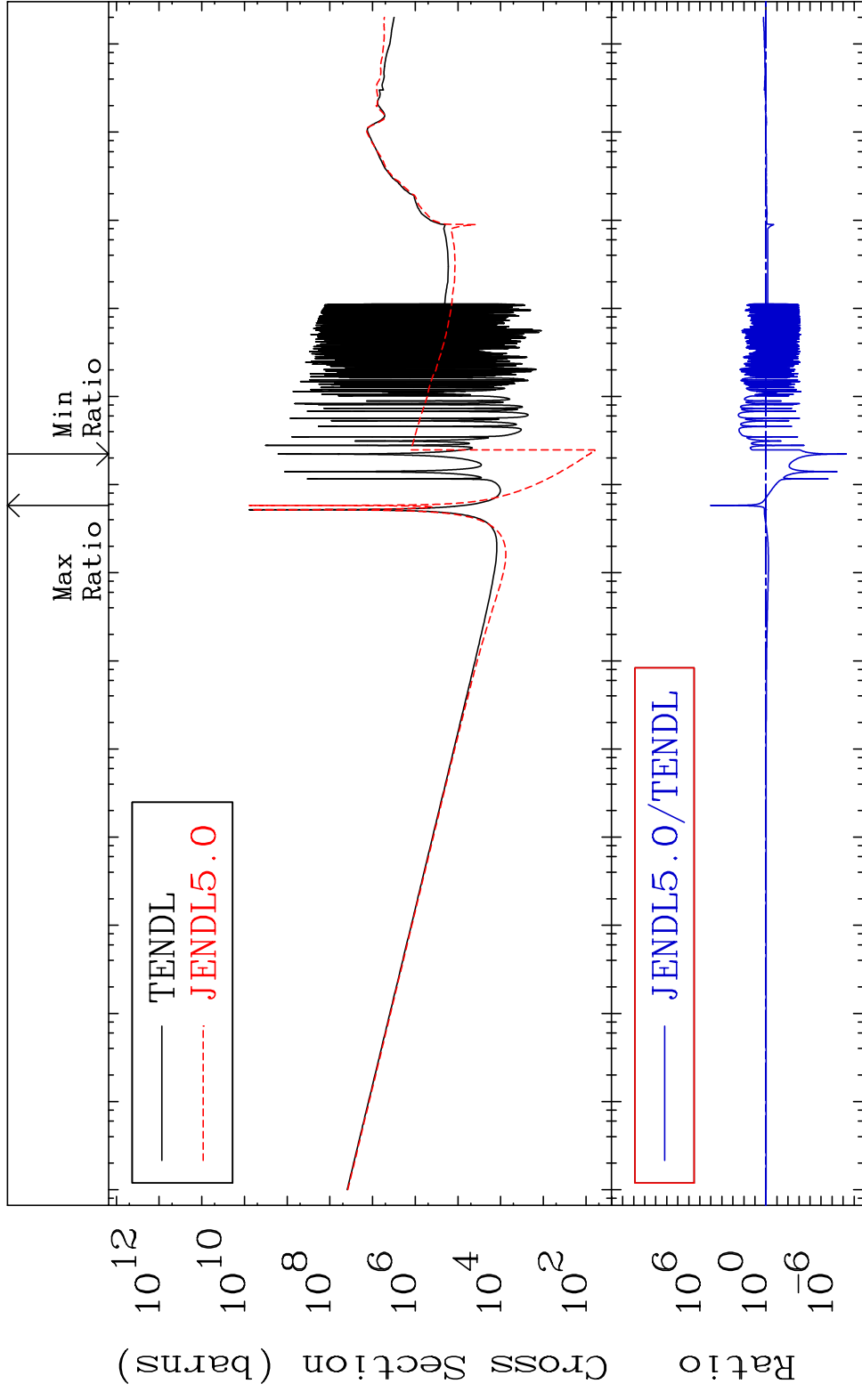


MAT 3643 Kerma capture (mt102) 36-Kr-84
 Cross Section -100.0 To 9999. %



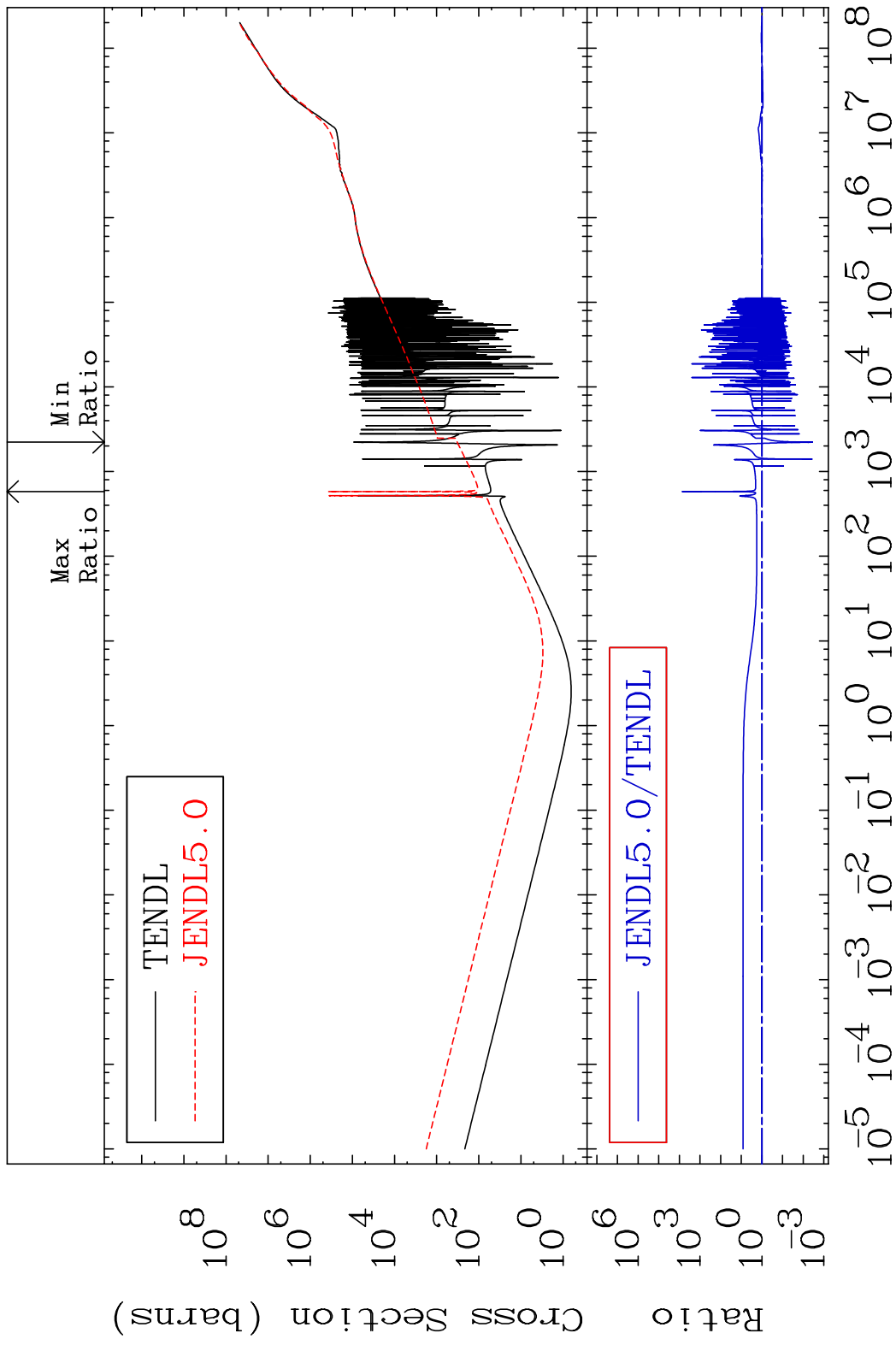
52 Incident Energy (eV) 36-Kr-84

MAT 3643 Total photon (eV-barns) 36-Kr-84
 Cross Section -100.0 To 9999. %

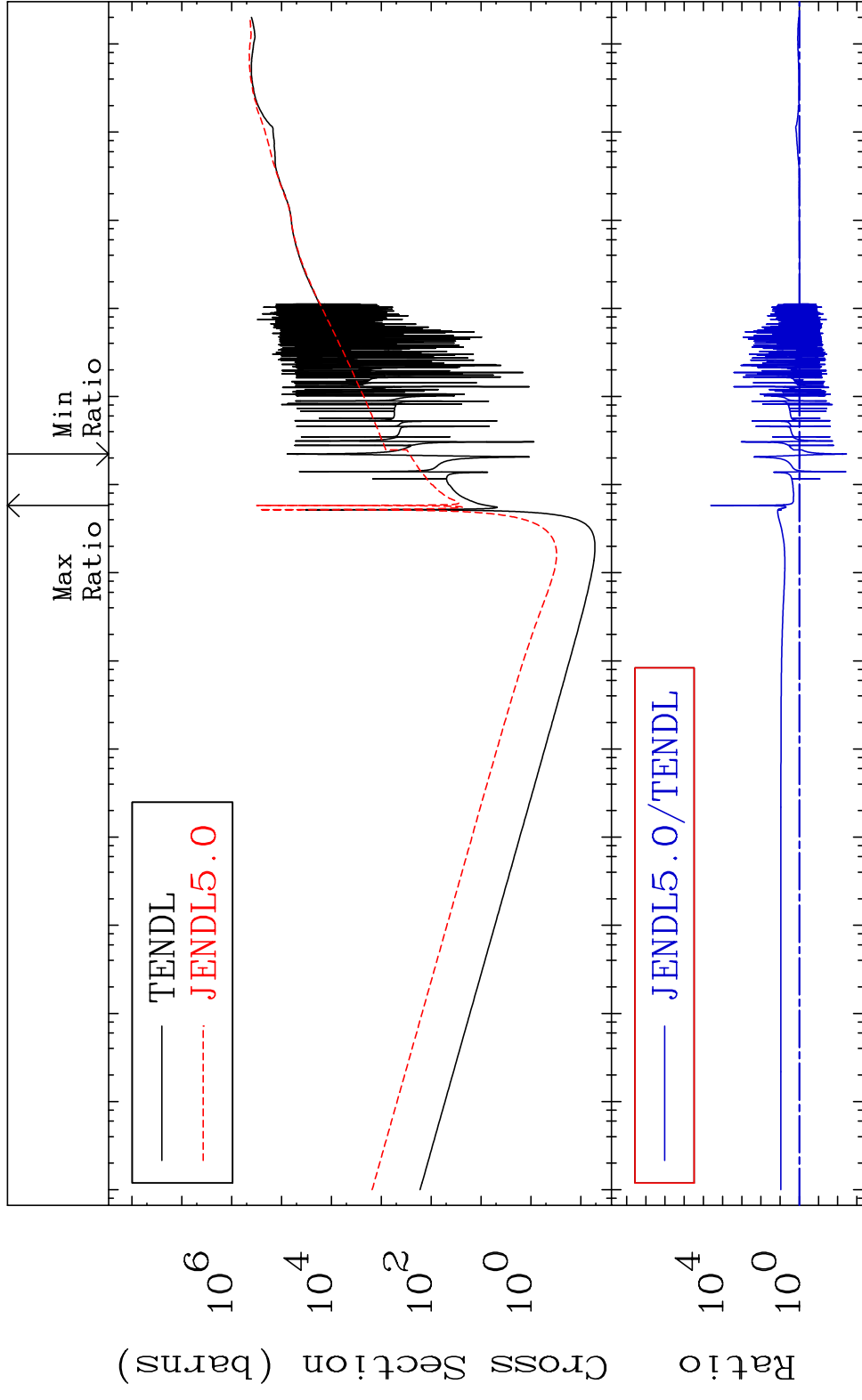


53 Incident Energy (eV) 36-Kr-84

MAT 3643 Total kinematic kerma (high limit) 36-Kr-84
 Cross Section -99.65 To 9999. %



MAT 3643 Dpa total (eV-barns) 36-Kr-84
 Cross Section -99.64 To 9999. %

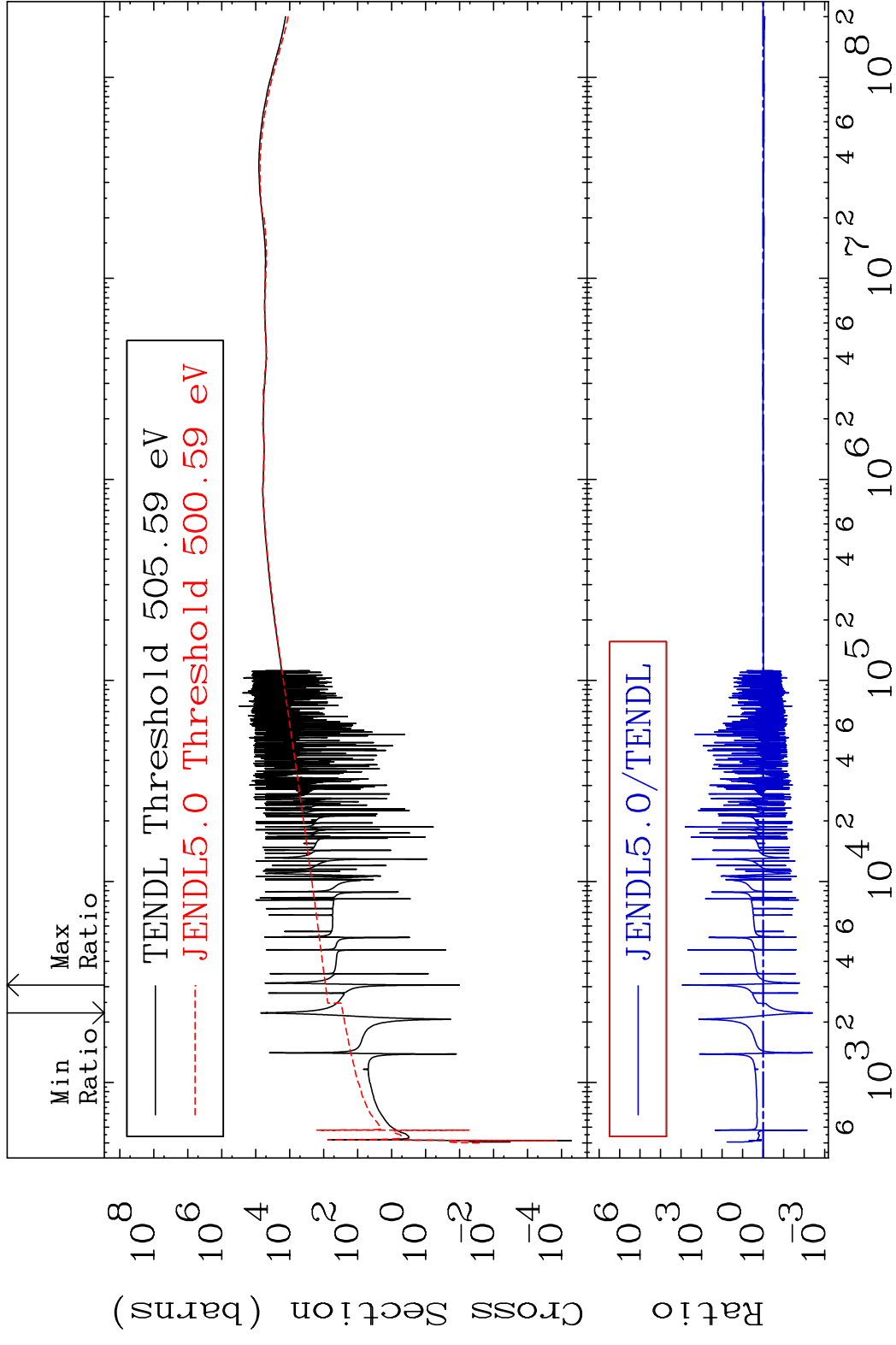


MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -99.61 To 9999. %

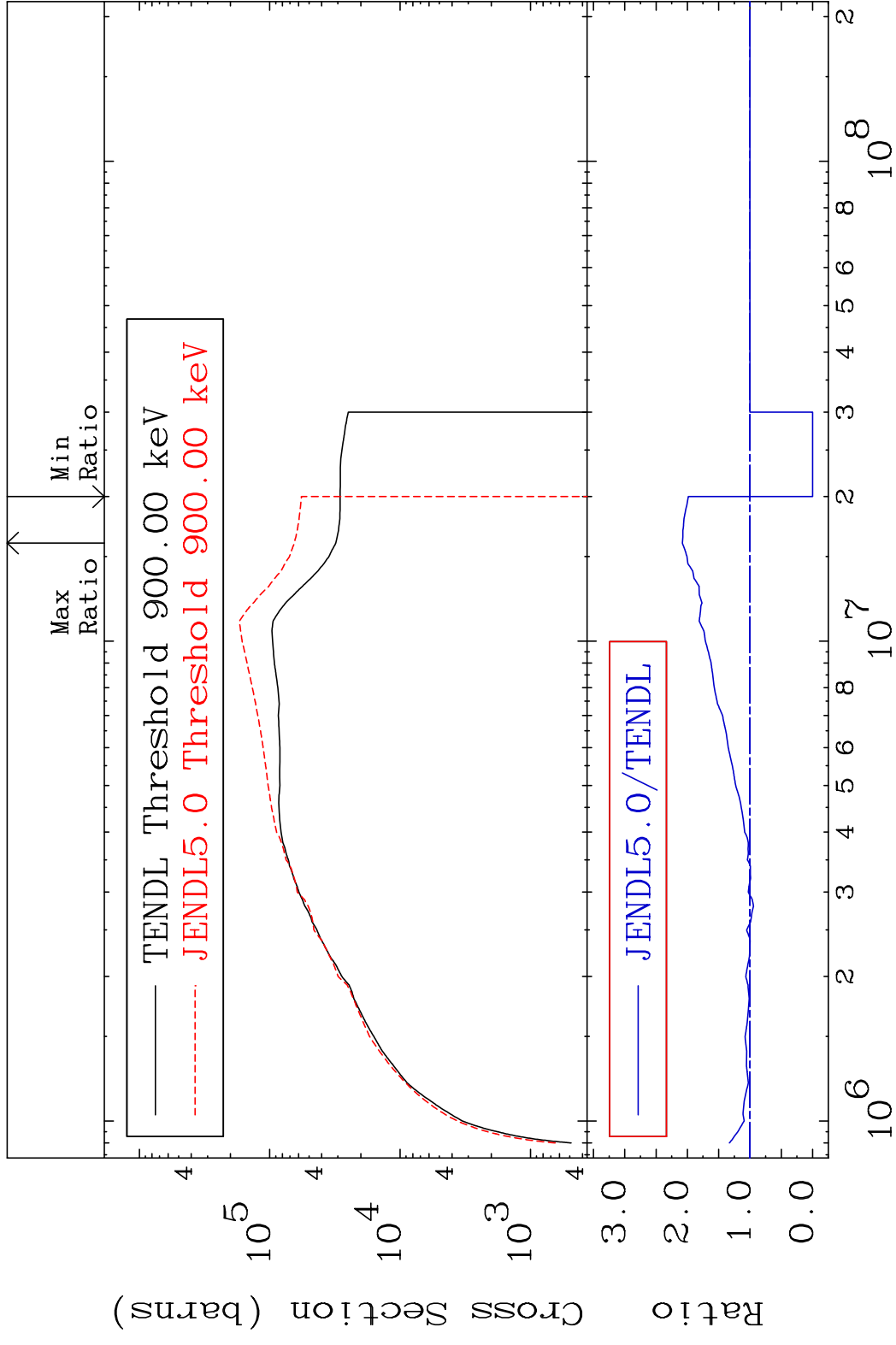


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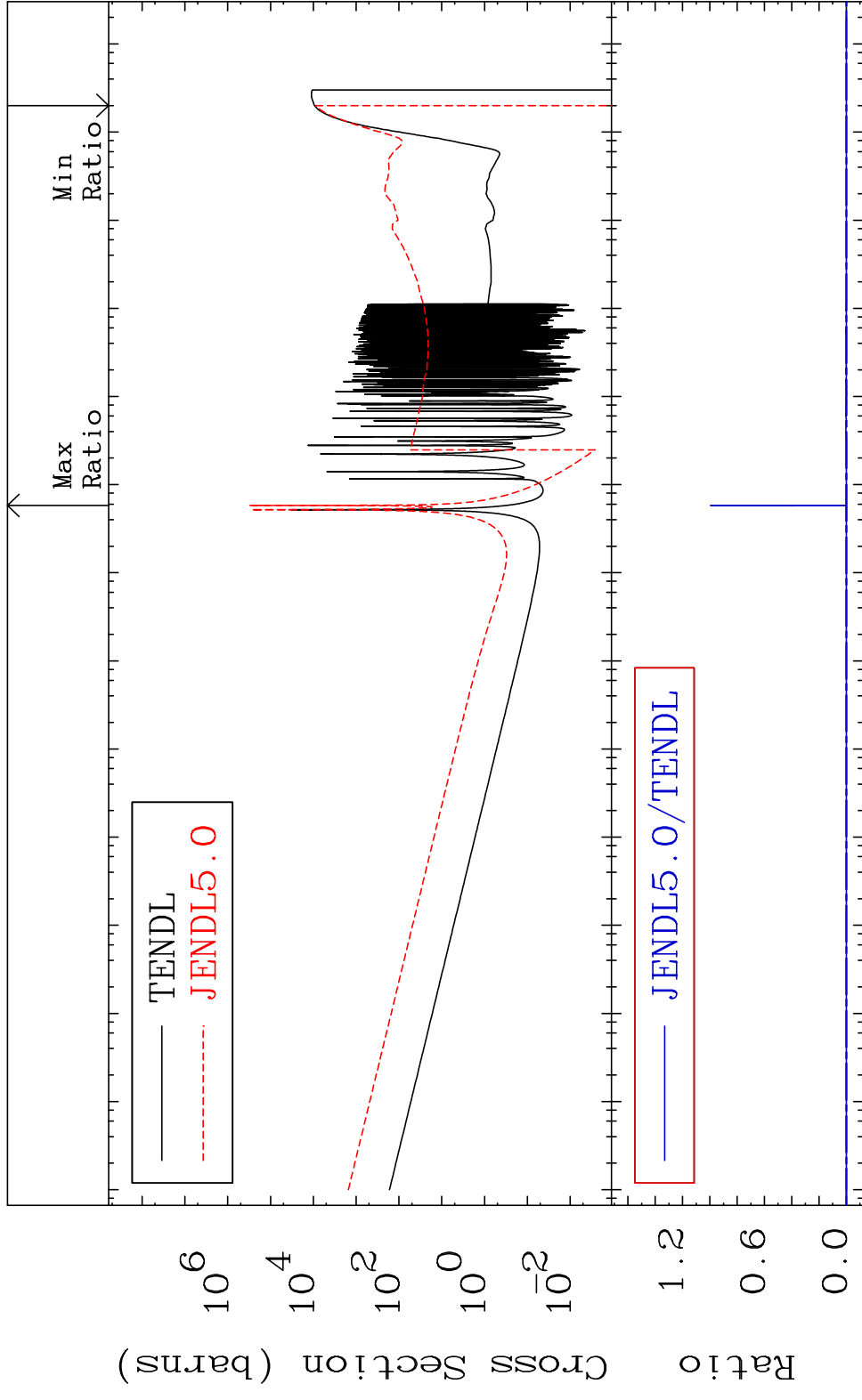
Incident Energy (eV)

36-Kr-84

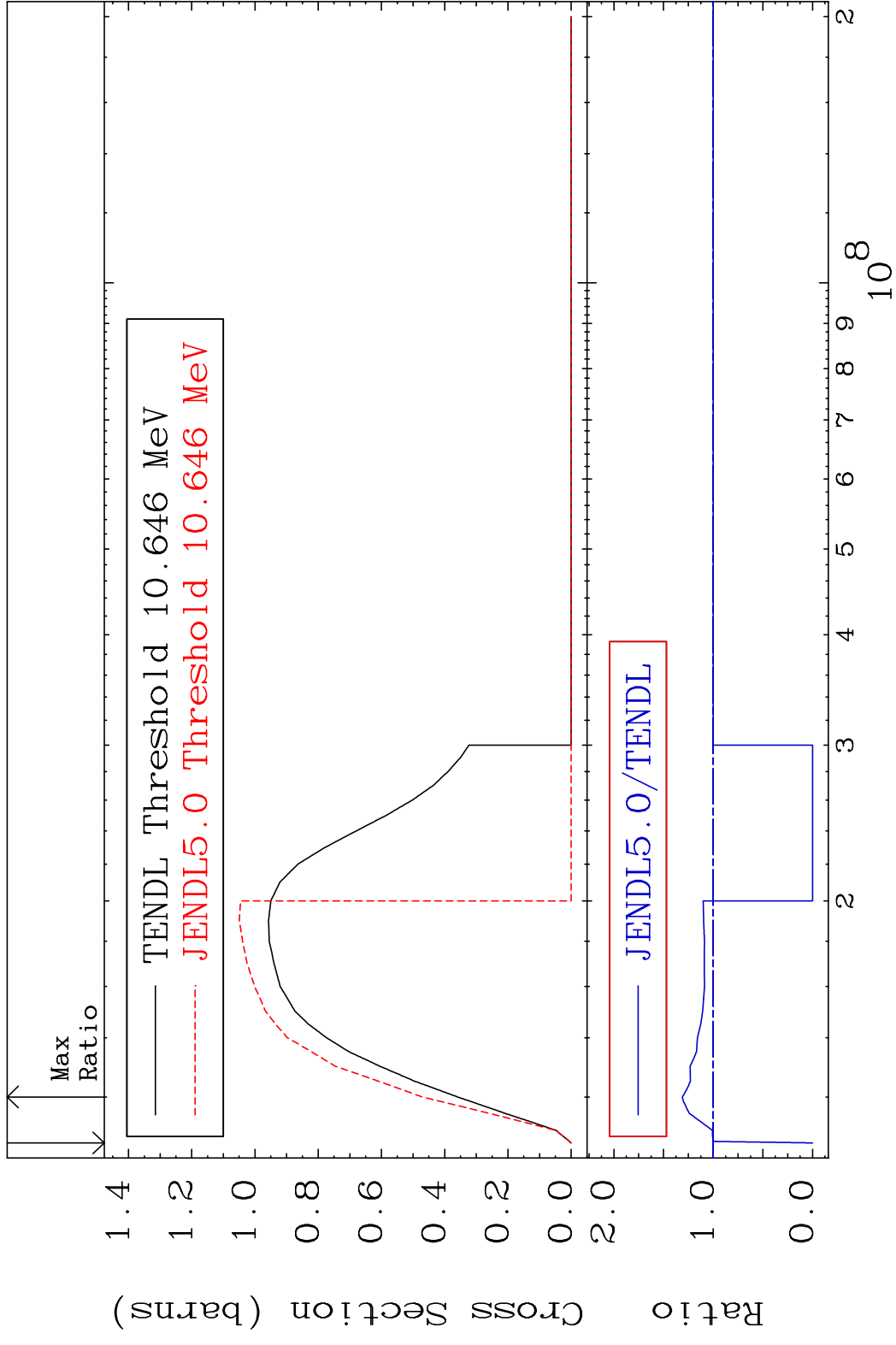
MAT 3643 Dpa inelastic (mt51-91) 36-Kr-84
 Cross Section -100.0 To 108.0 %



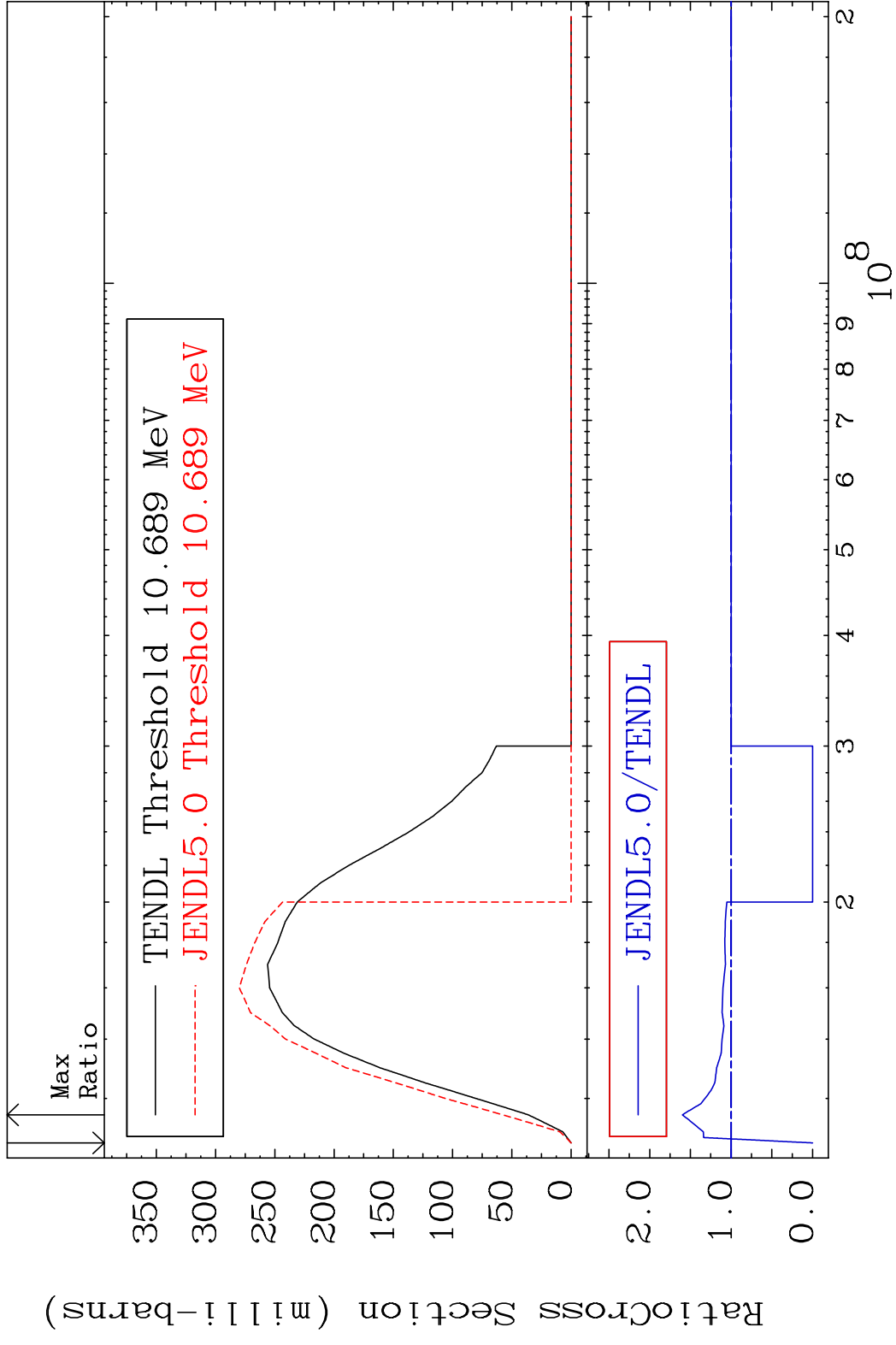
MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %



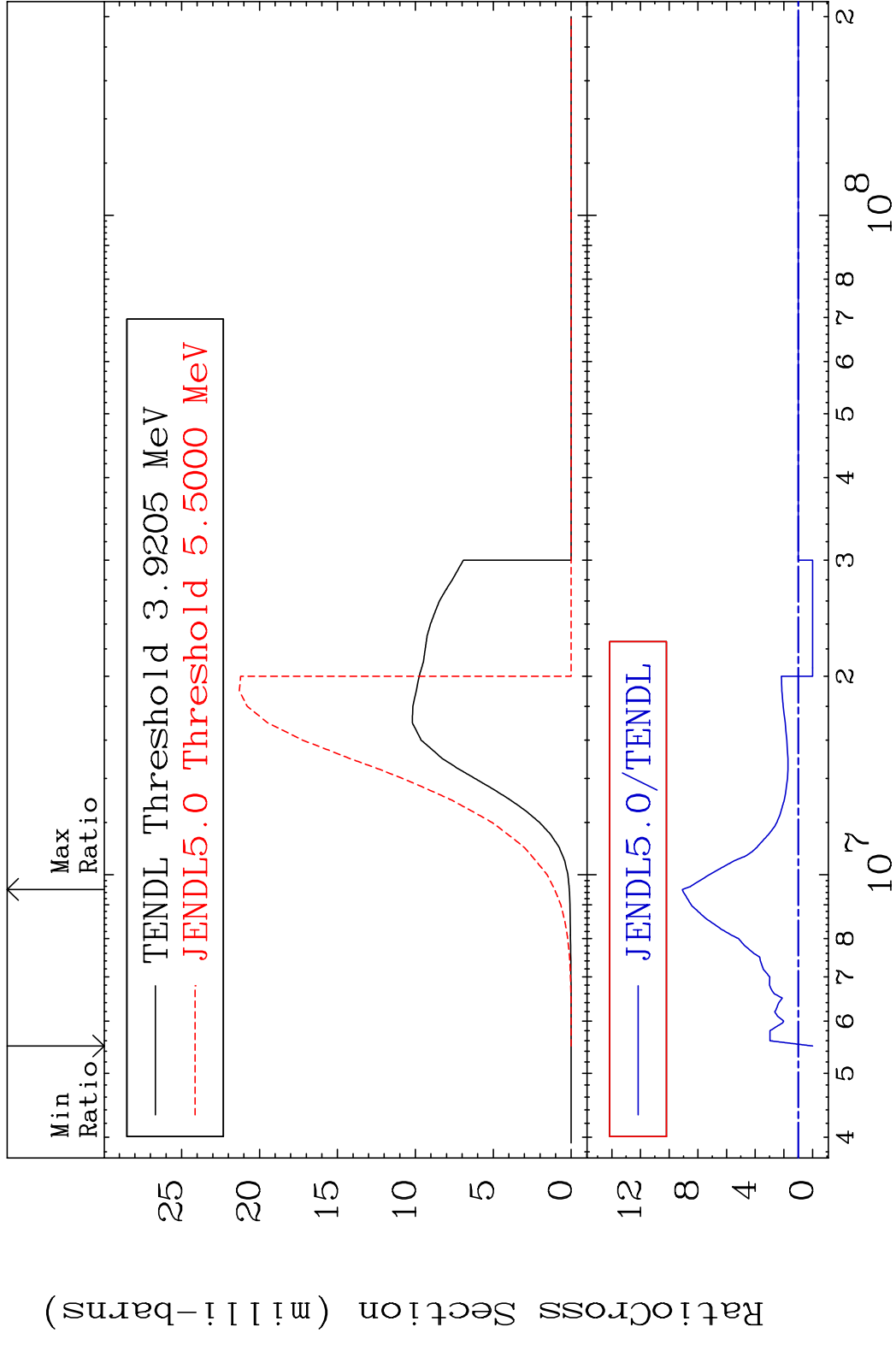
MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 31.07 %



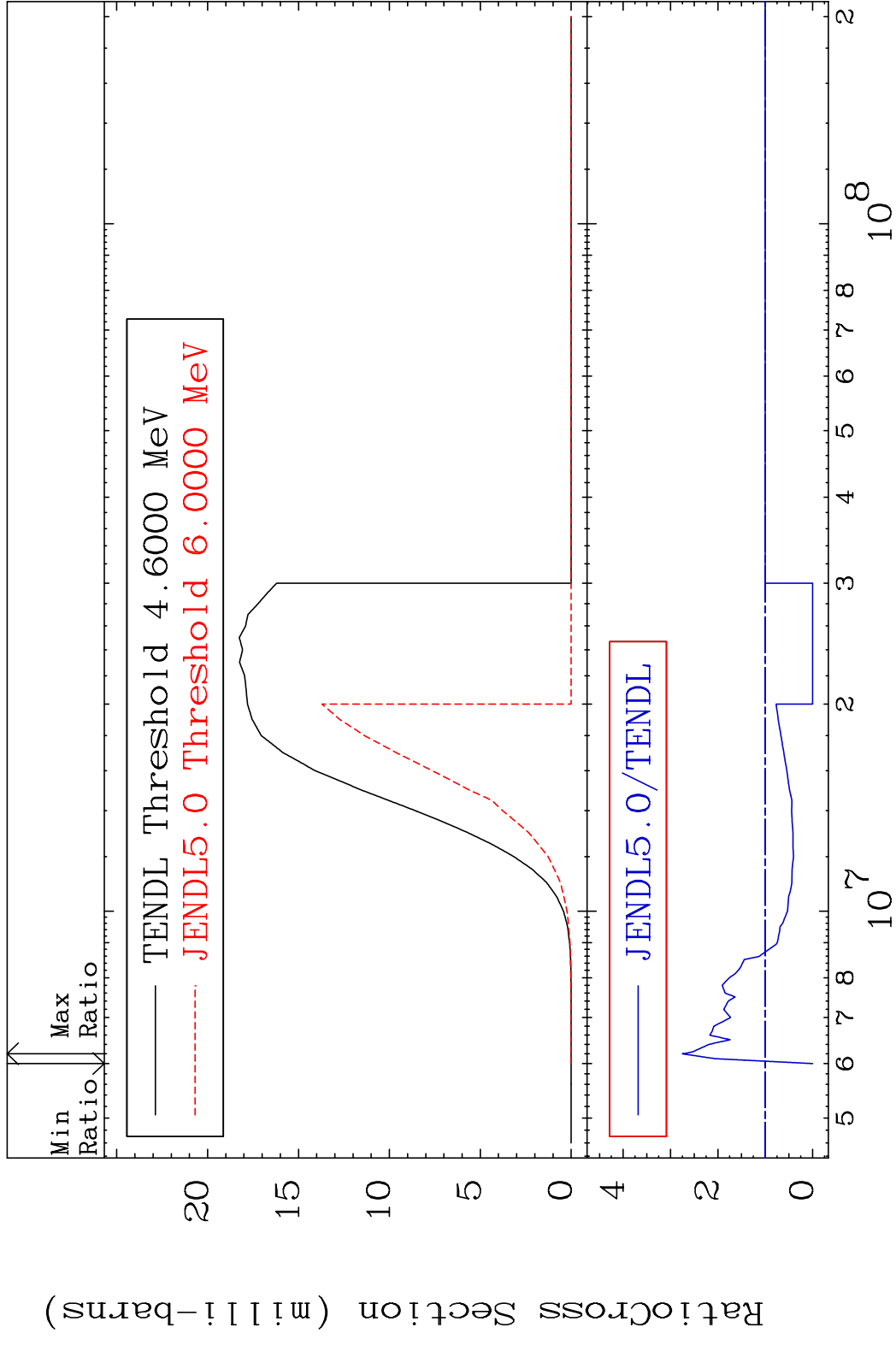
MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section 59.88 %

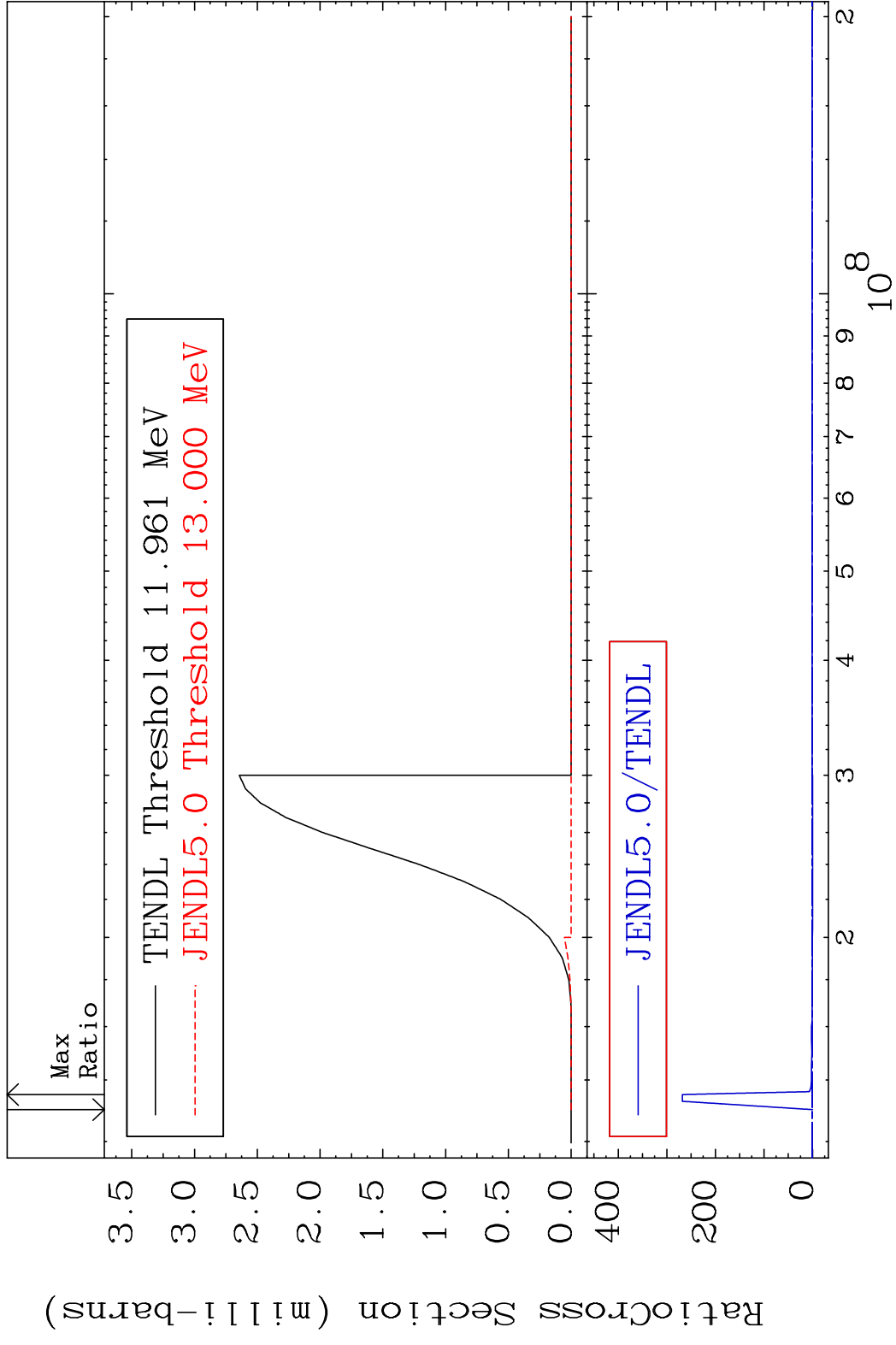


MAT 3643 (n, p) : 35-Br-84g 36-Kr-84
 Radionuclide Production Cross Section 1800.0 dth 808.1 %

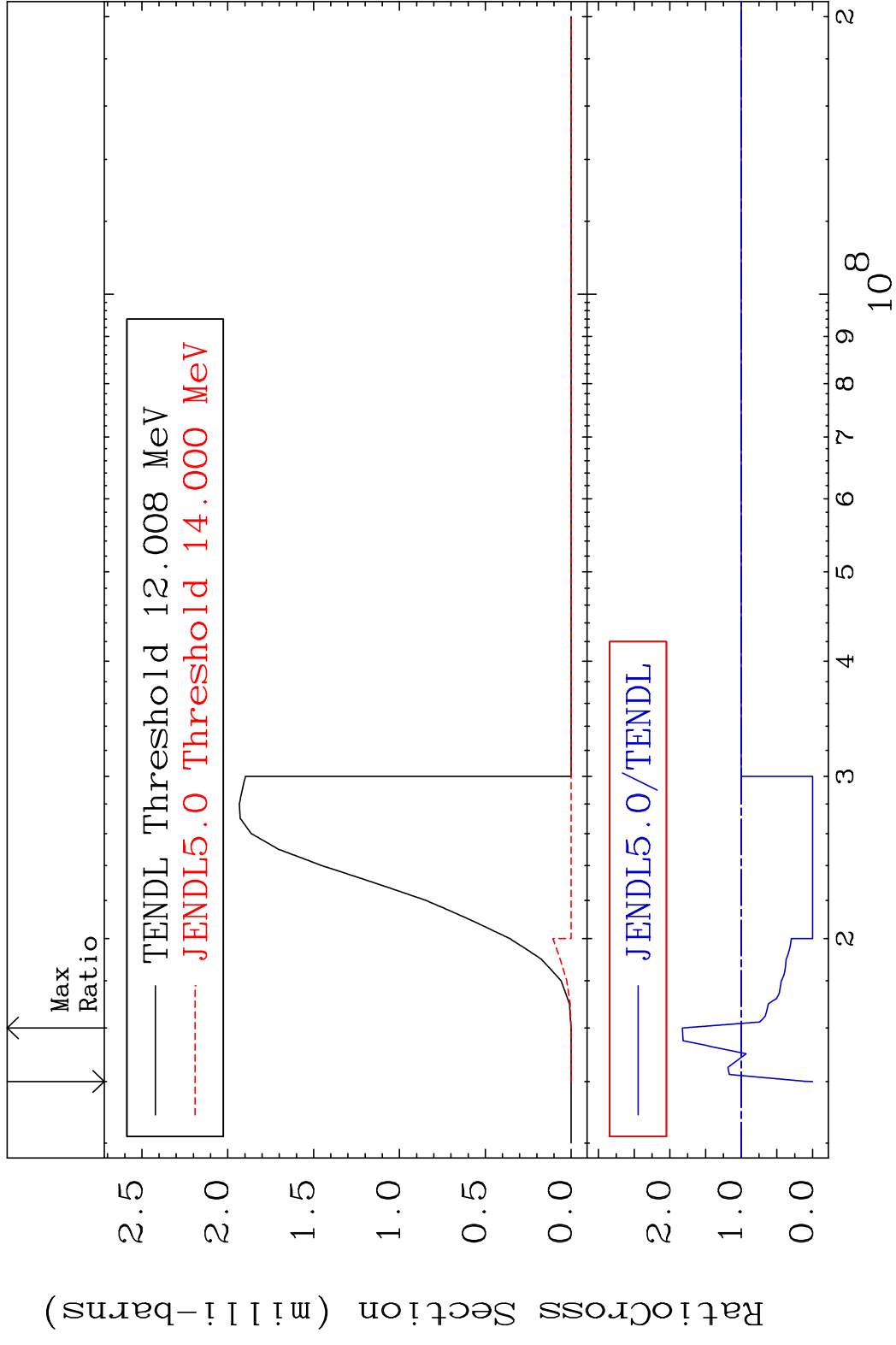


MAT 3643 (n,p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 180.0 dth 175.0 %

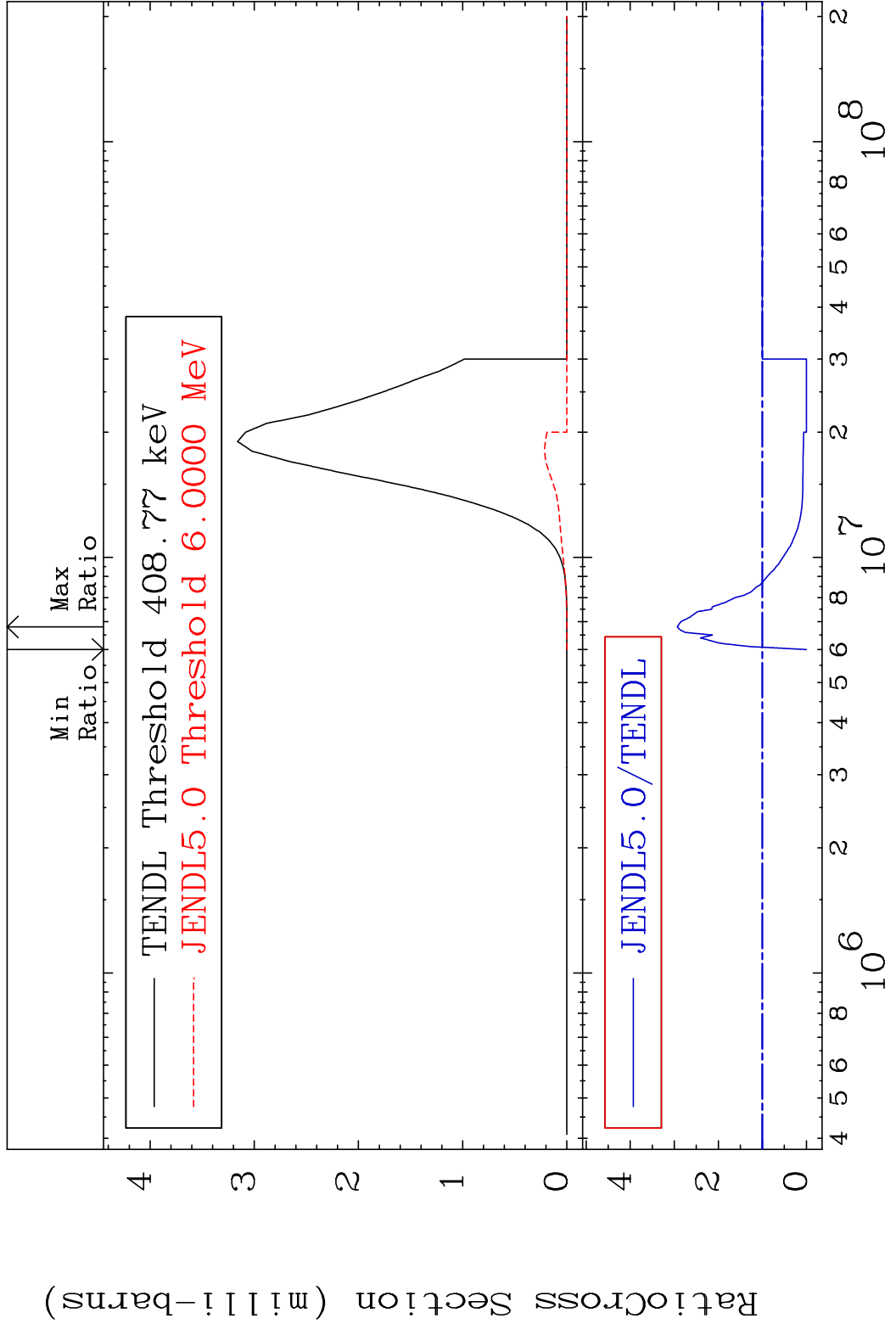




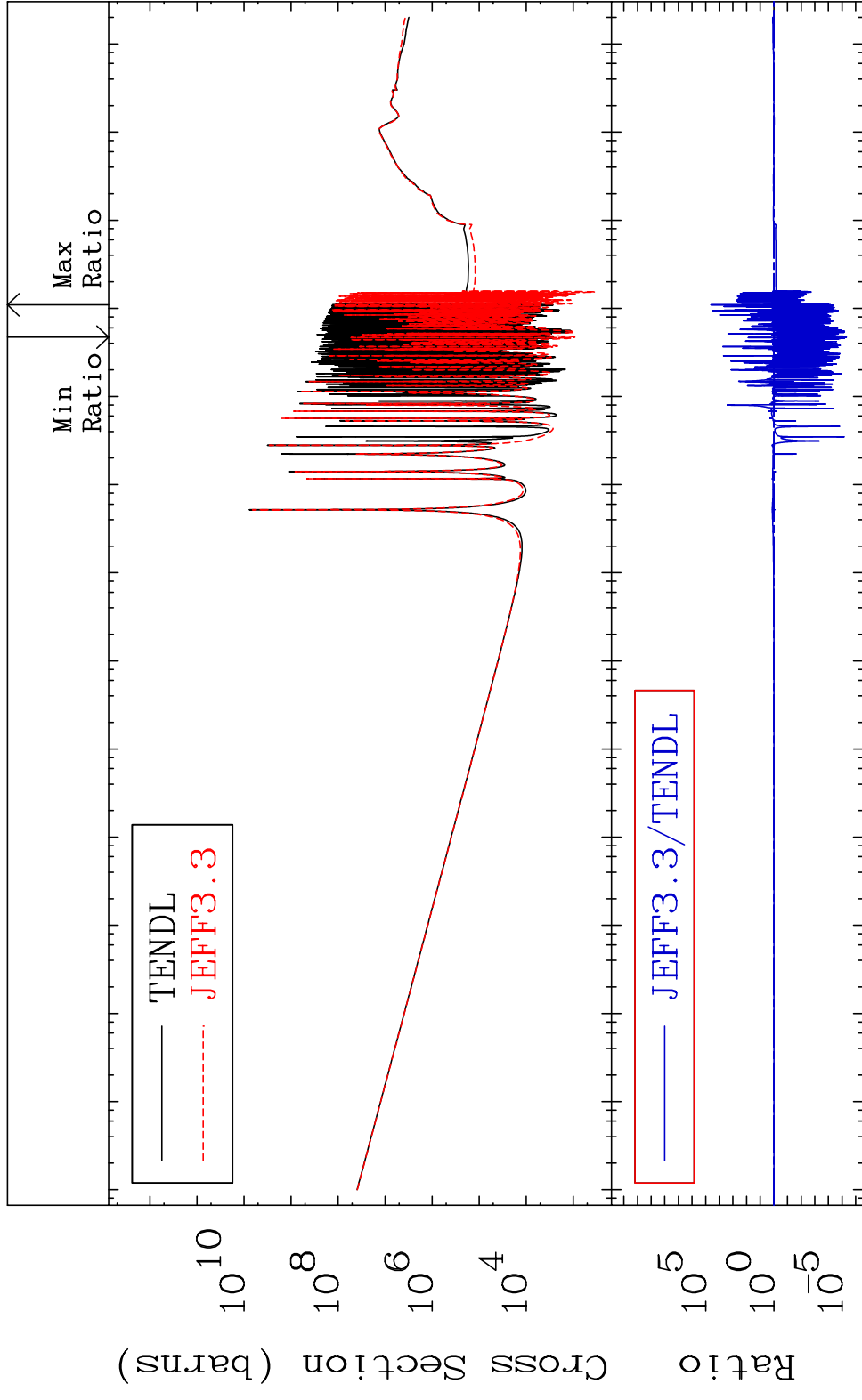
MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 82.50 %



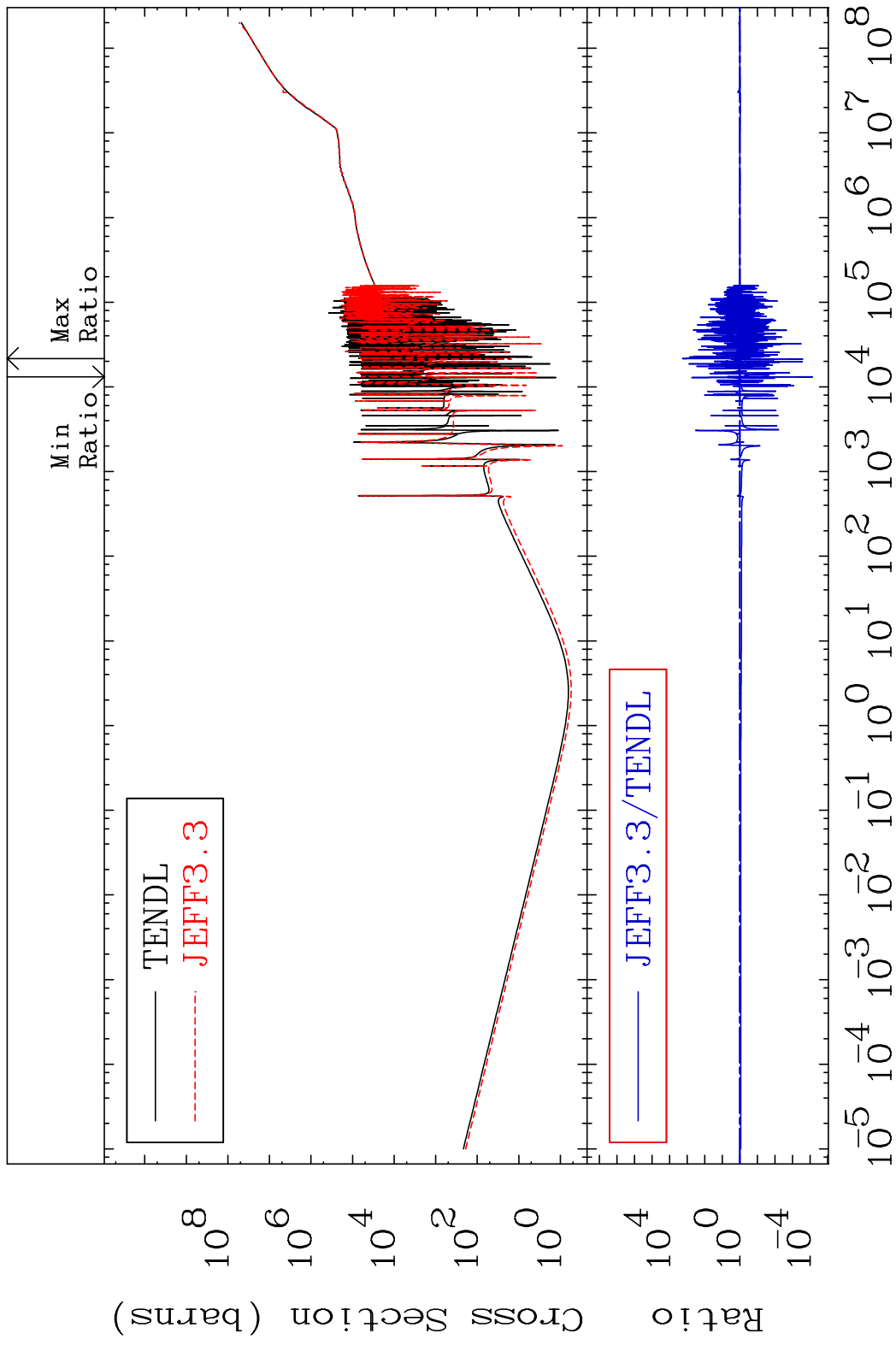
MAT 3643 (n, α): 34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section 180.0 dth 193.4 %



MAT 3643 Total photon (eV-barns) 36-Kr-84
 Cross Section -100.0 To 9999. %



MAT 3643 Total kinematic kerma (high limit) 36-Kr-84
 Cross Section -99.99 To 9999. %

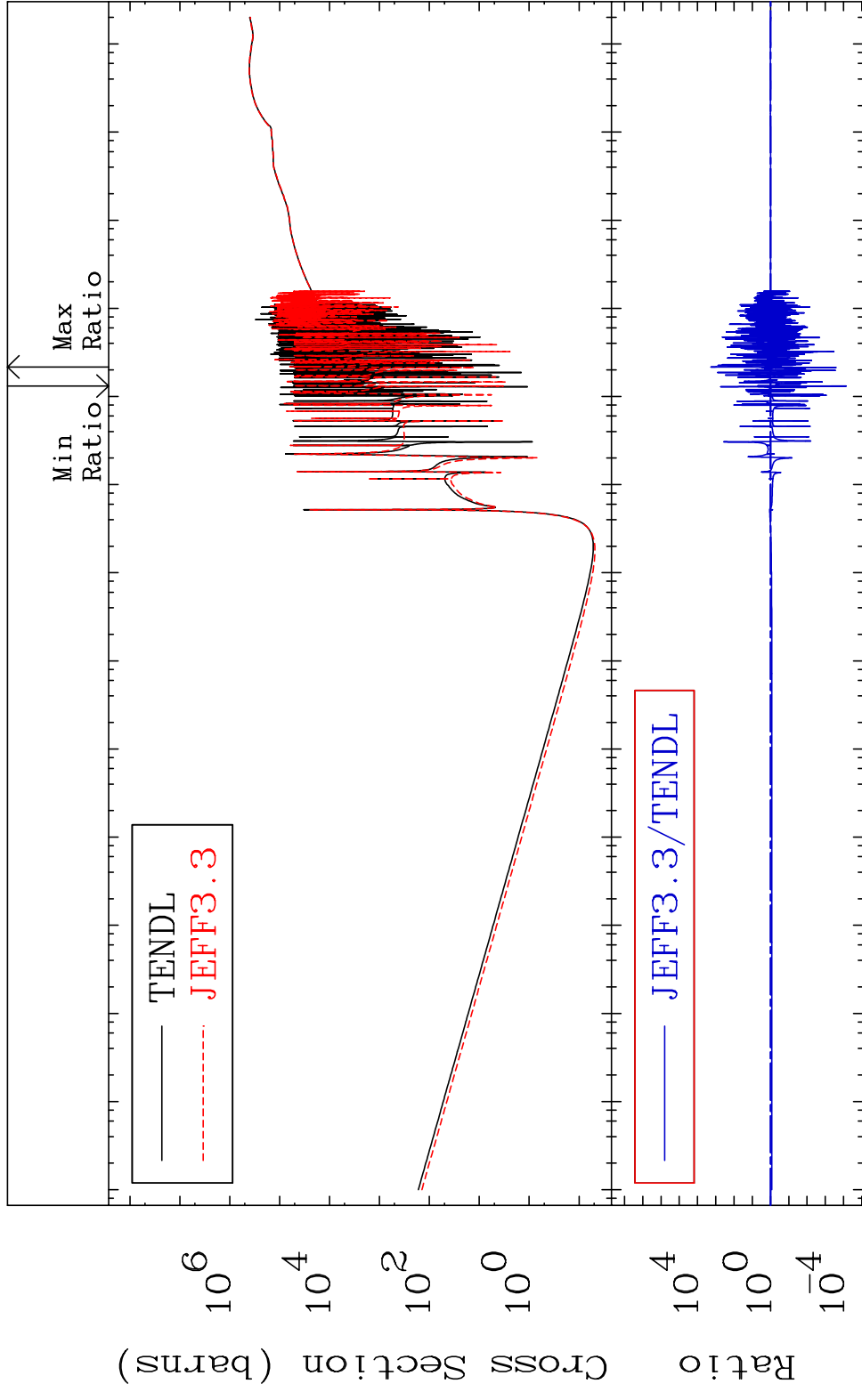


MAT 3643

Dpa total (eV-barns)

36-Kr-84

Cross Section -99.99 To 9999. %



69

Incident Energy (eV)

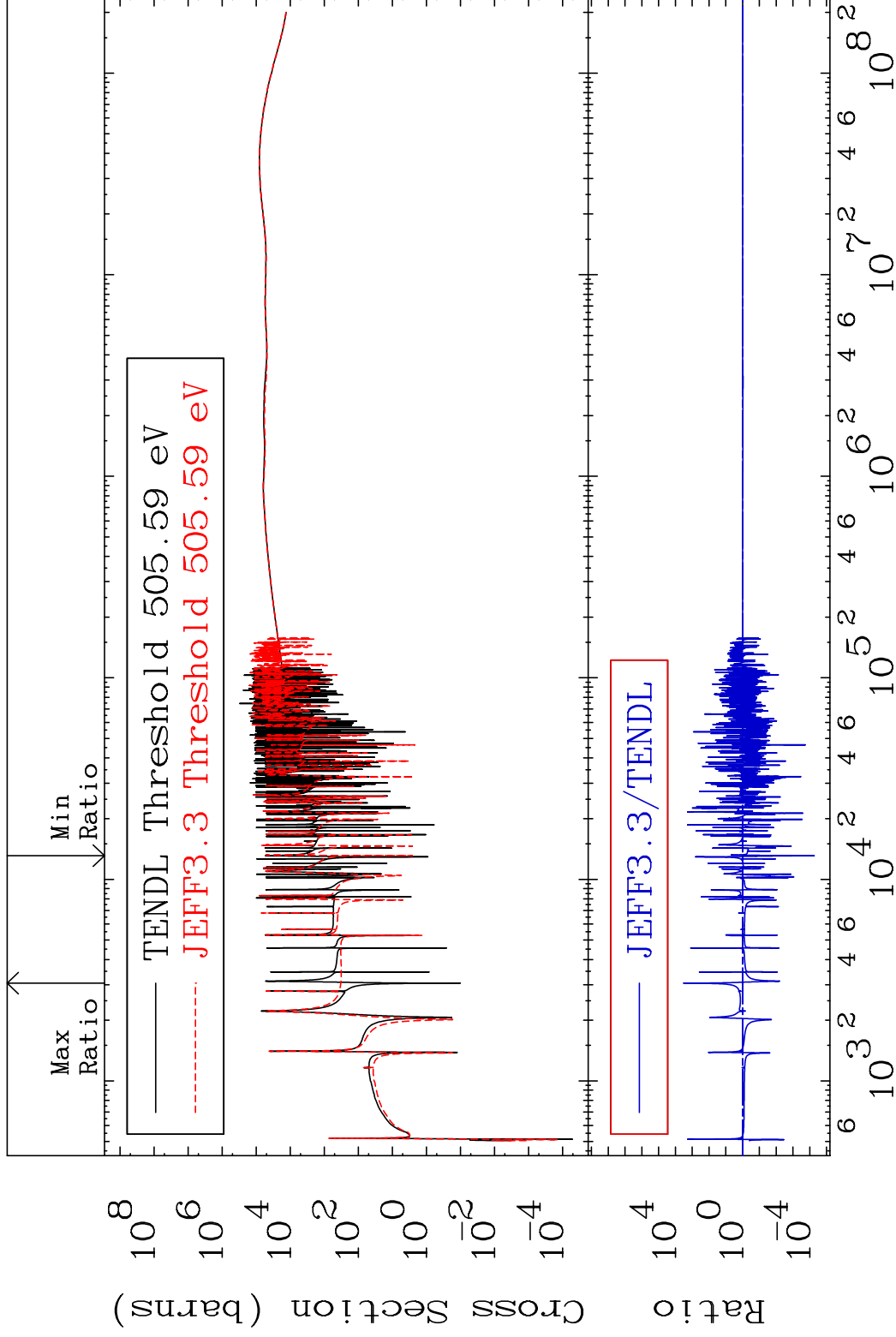
36-Kr-84

MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -99.99 To 9999. %

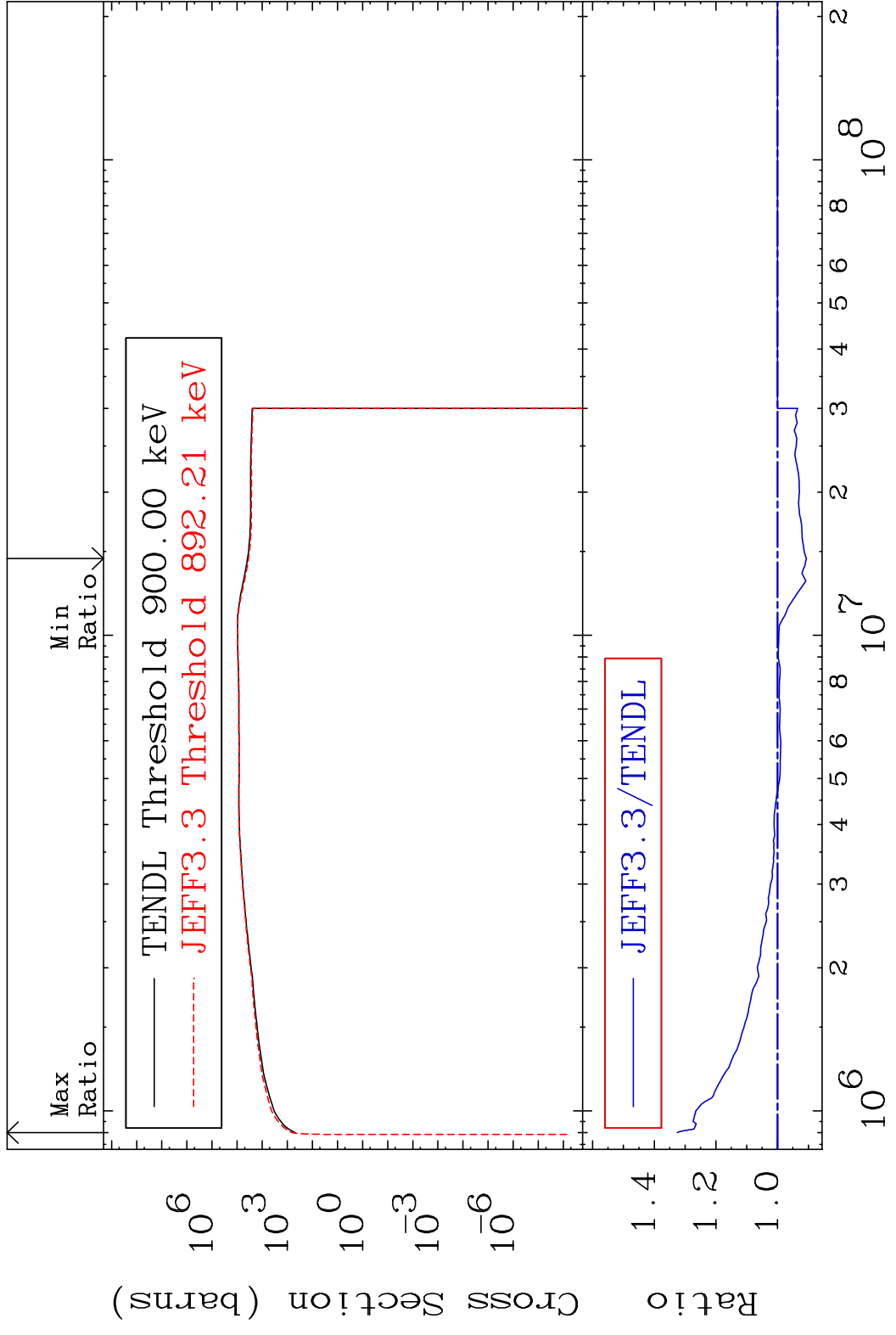


70

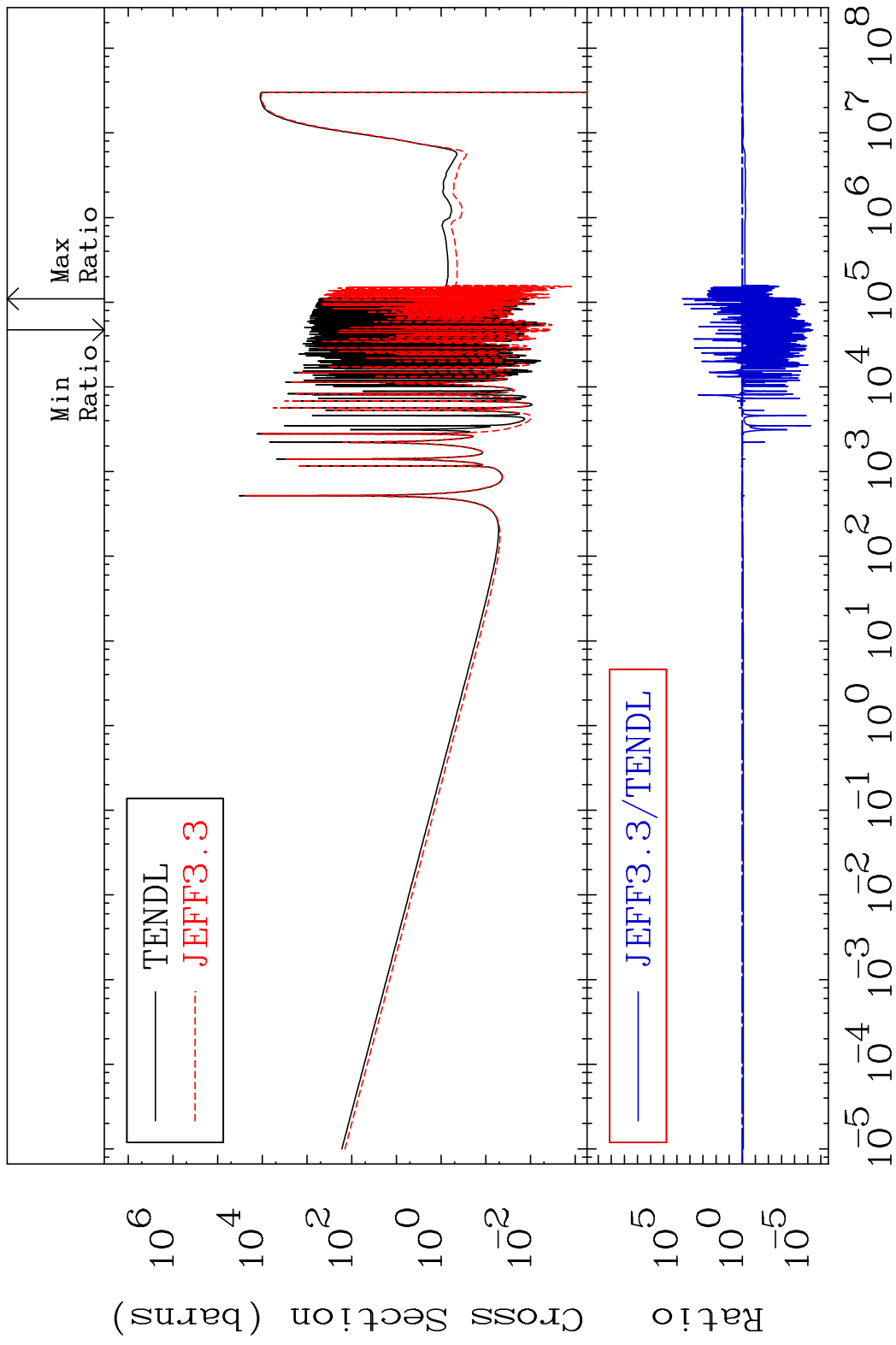
Incident Energy (eV)

36-Kr-84

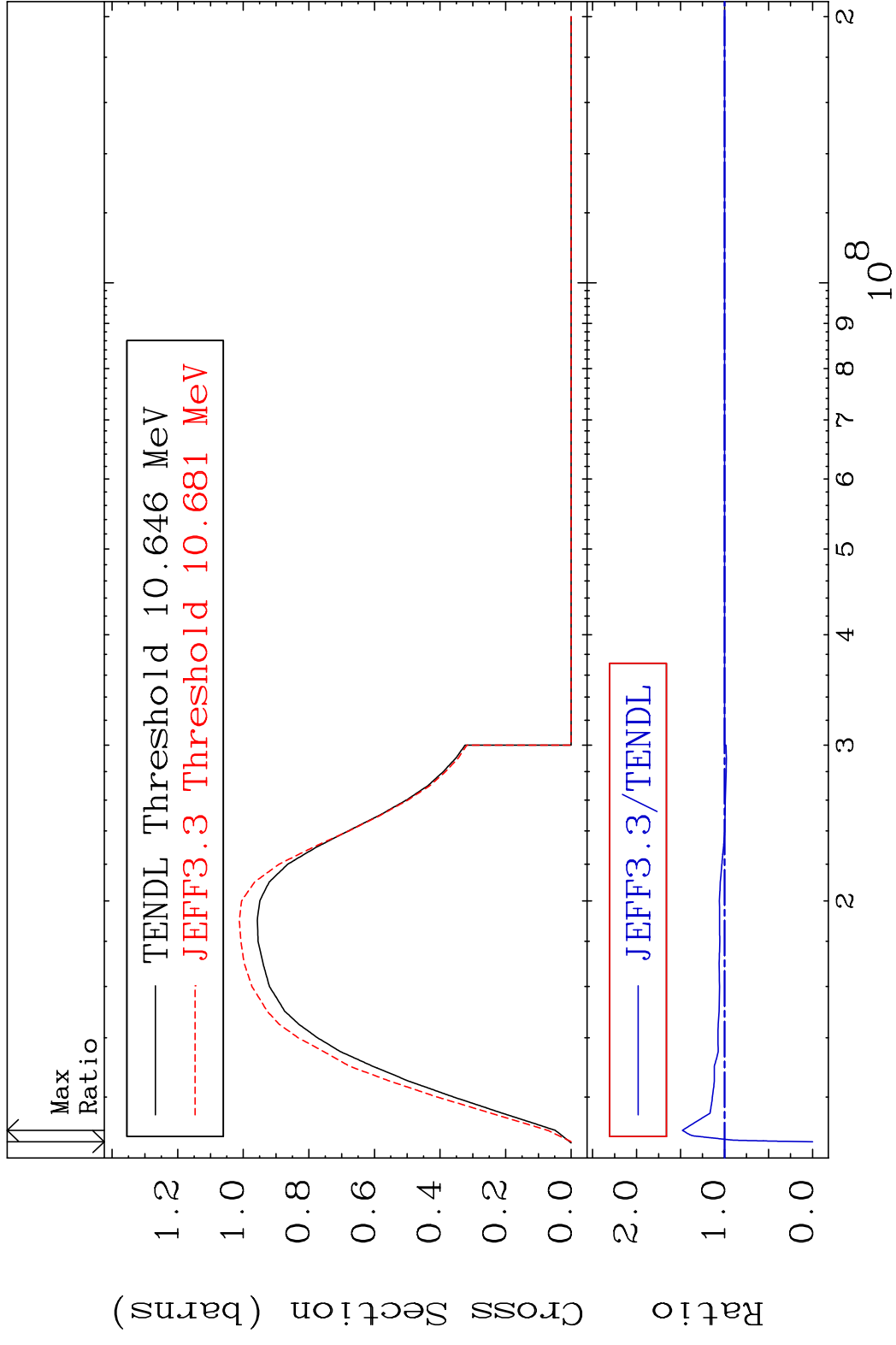
MAT 3643 Dpa inelastic (mt51-91) 36-Kr-84
 Cross Section -9.355 To 32.57 %



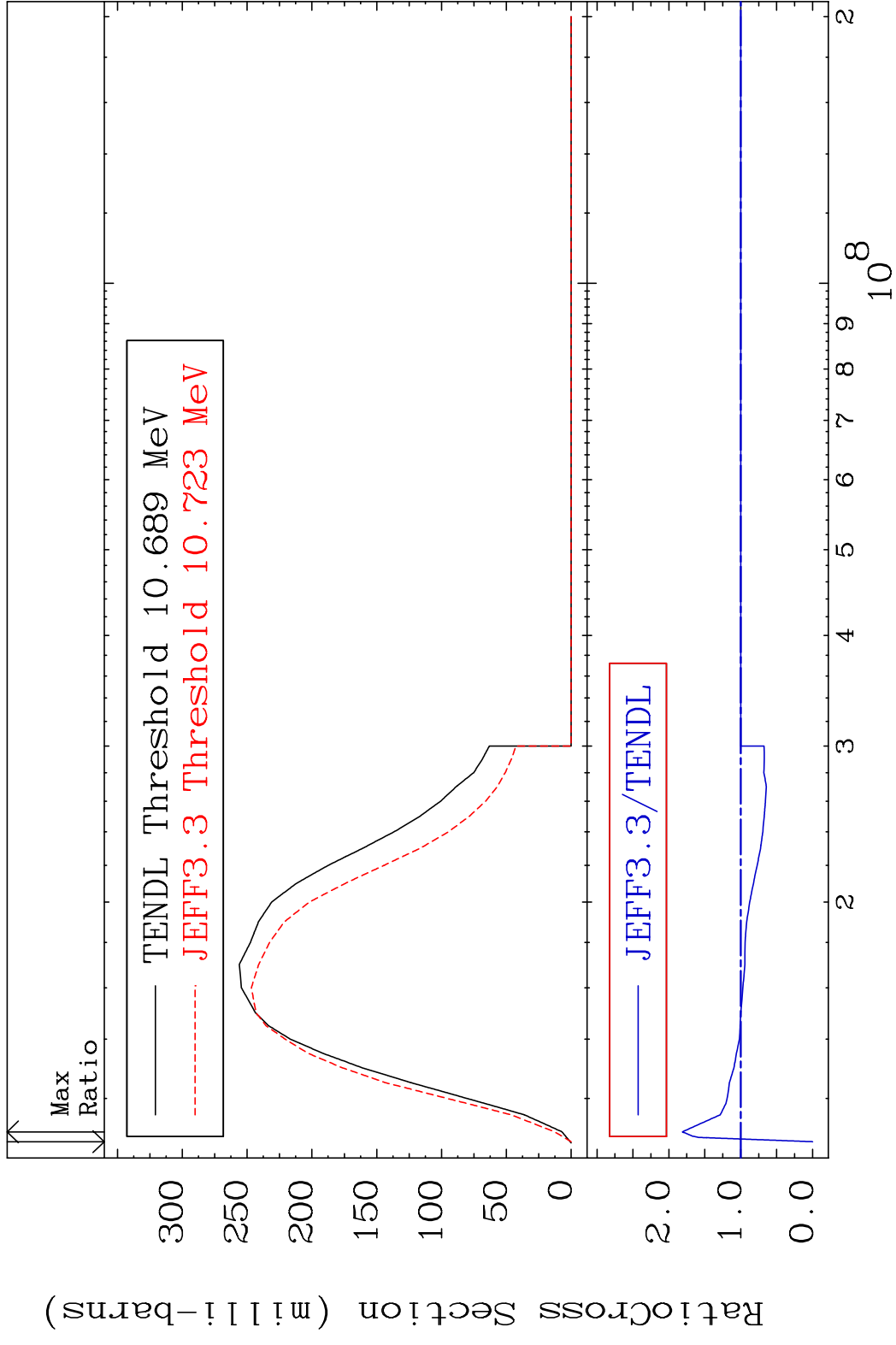
MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %



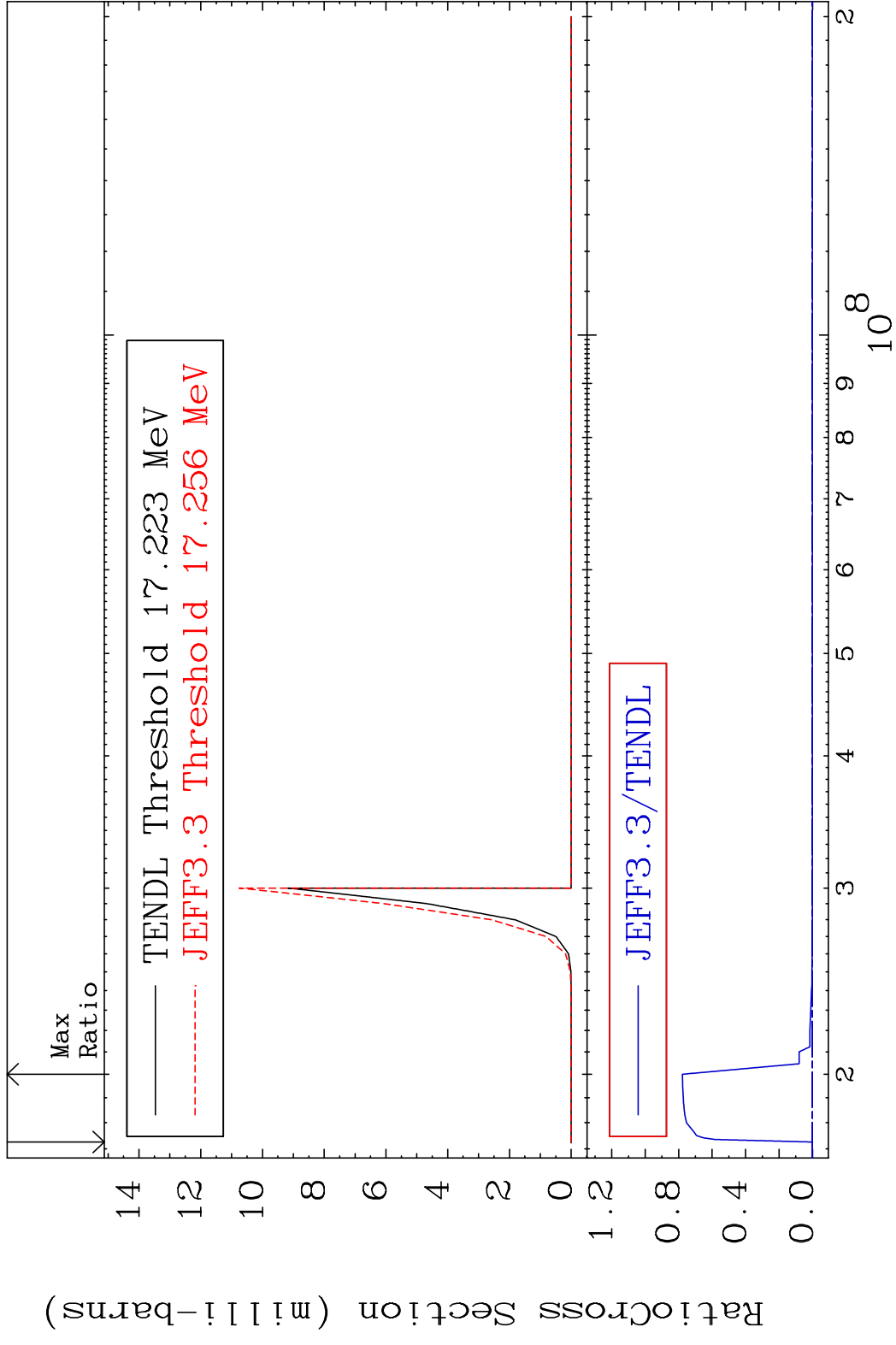
MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 47.97 %

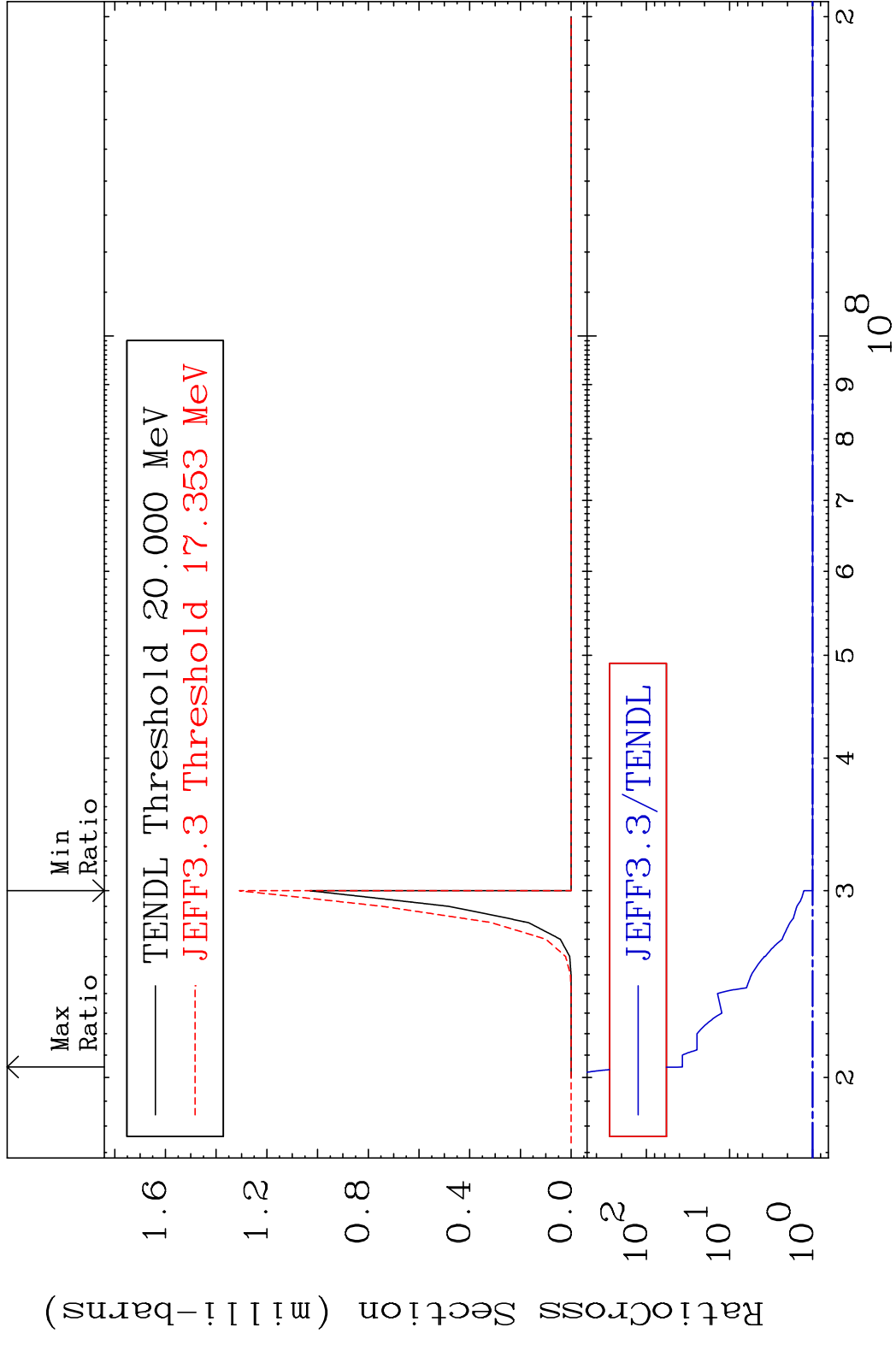


MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section 81.24 %

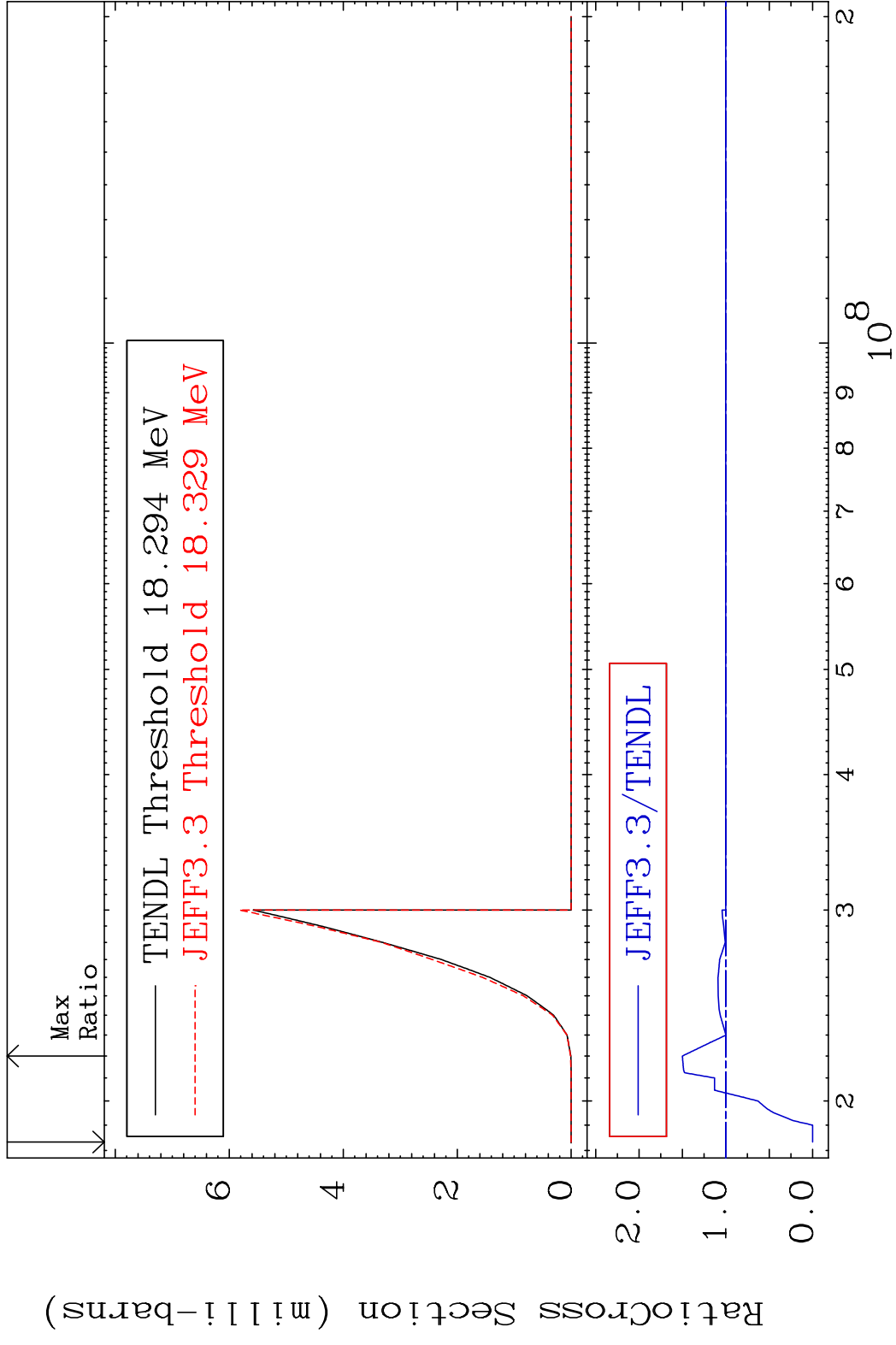


MAT 3643 (n,2n) α :34-Se-79g 36-Kr-84
 Radionuclide Production Cross Section Ratio

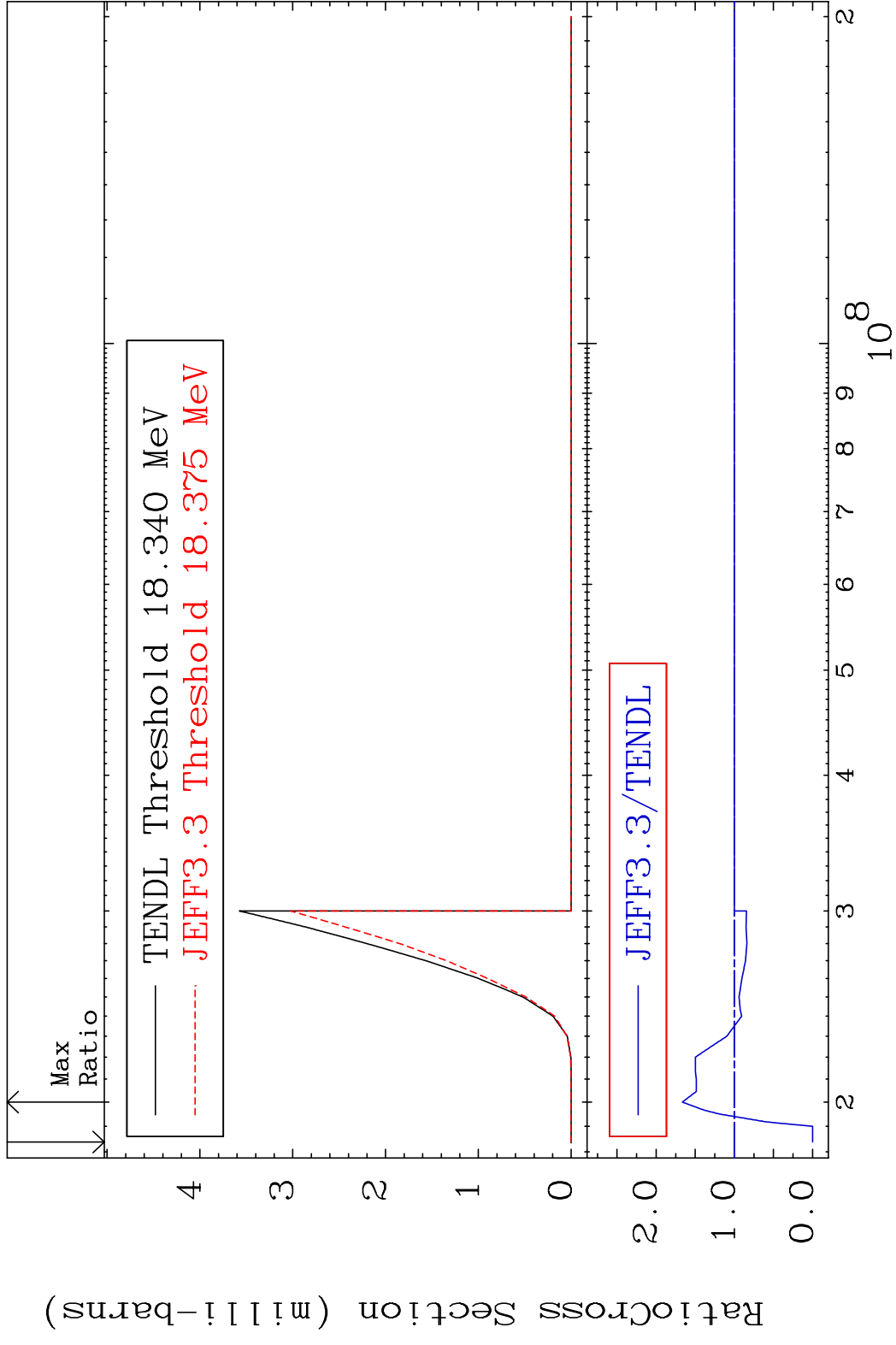


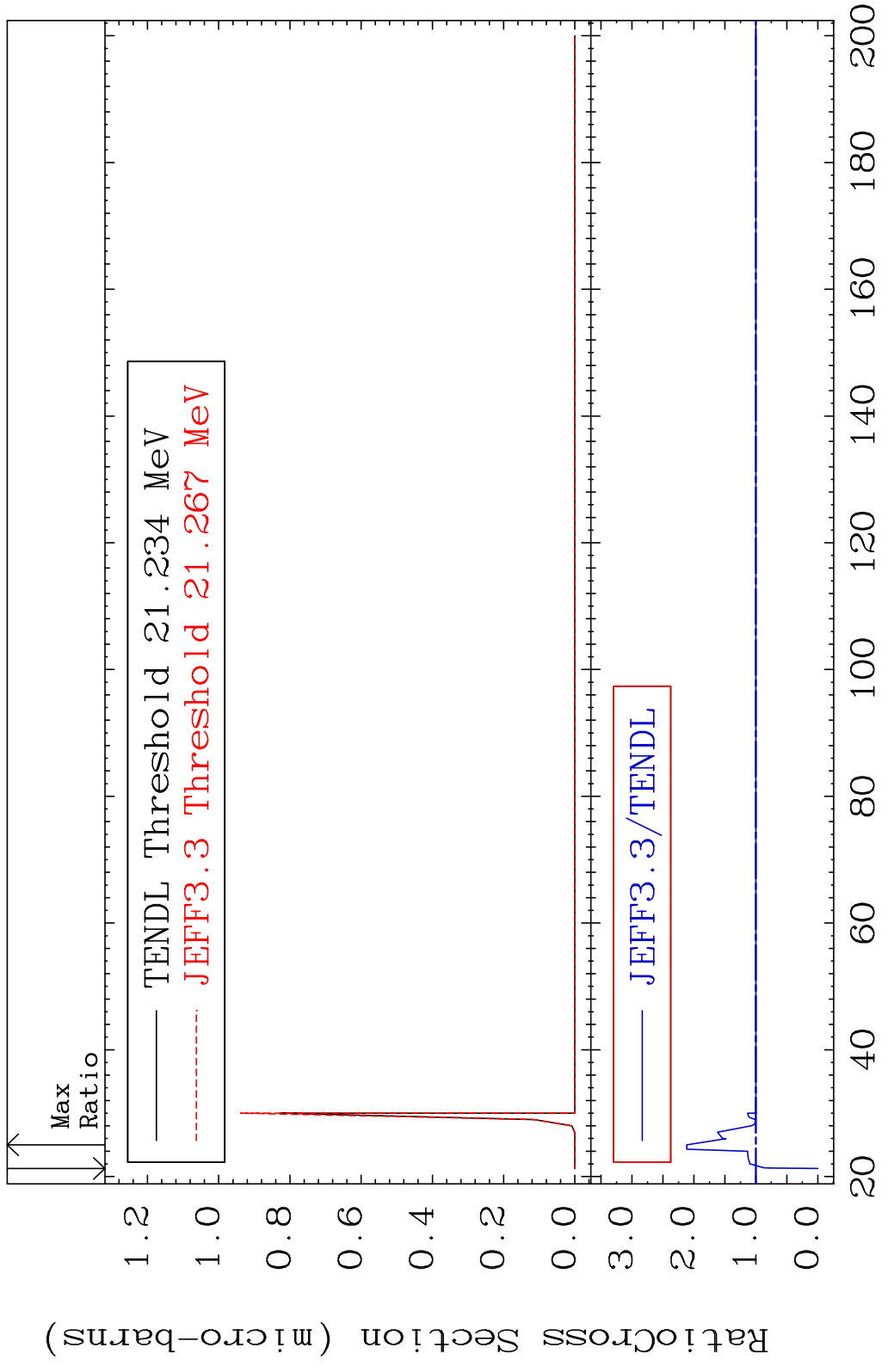


MAT 3643 (n, n') d:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 18.0410 50.04 %

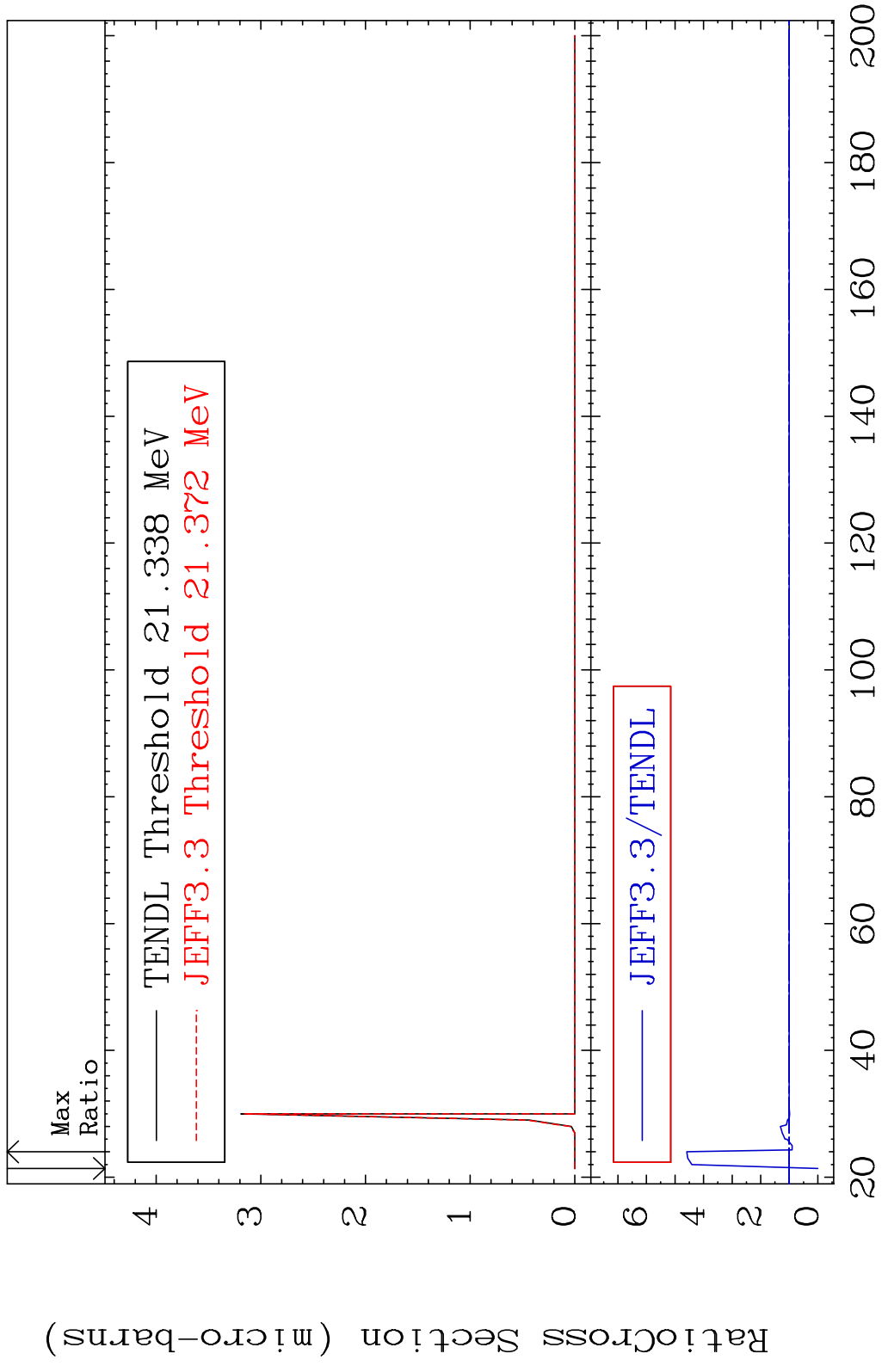


MAT 3643 (n, n') d:35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 66.48 %



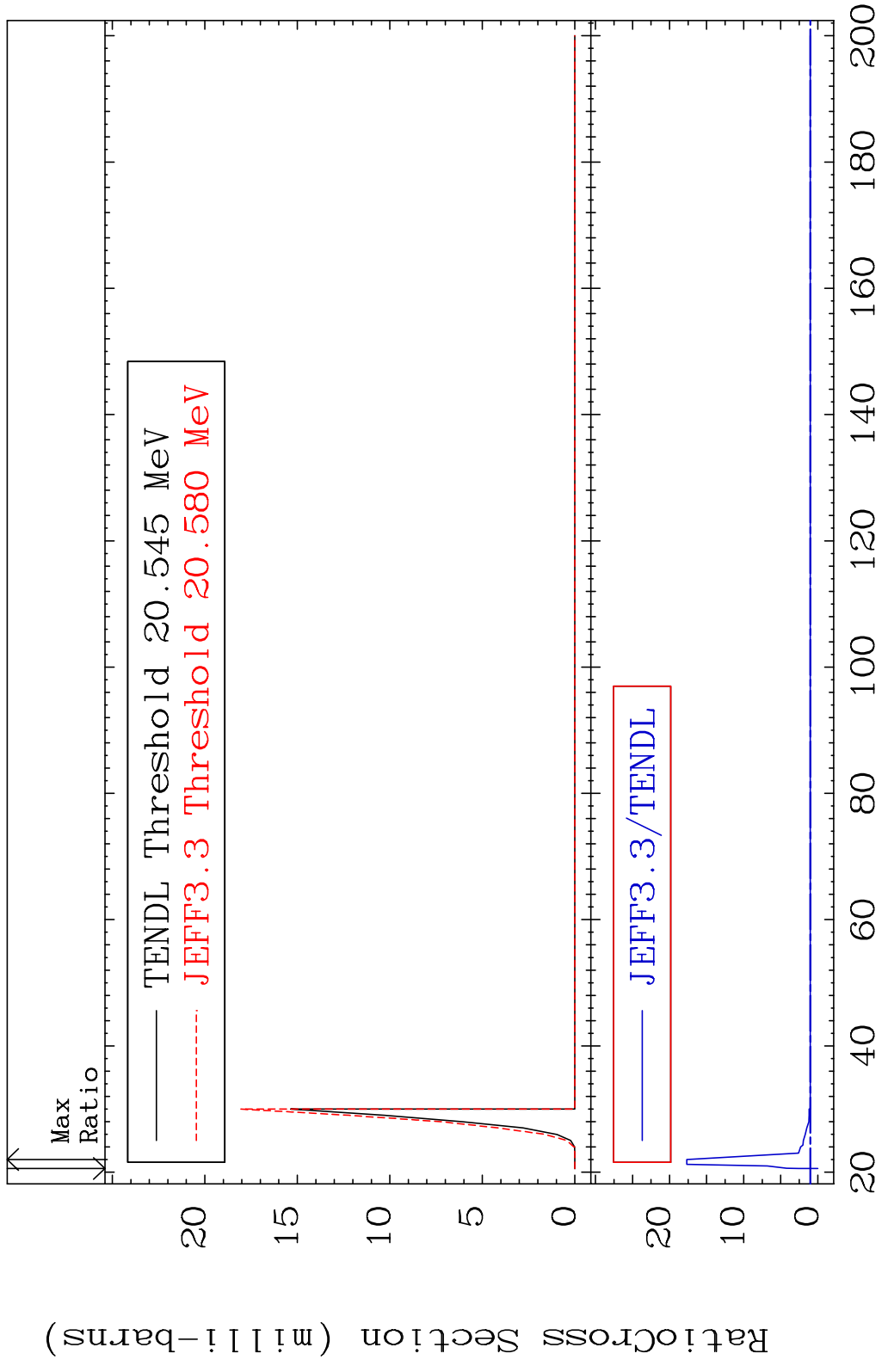


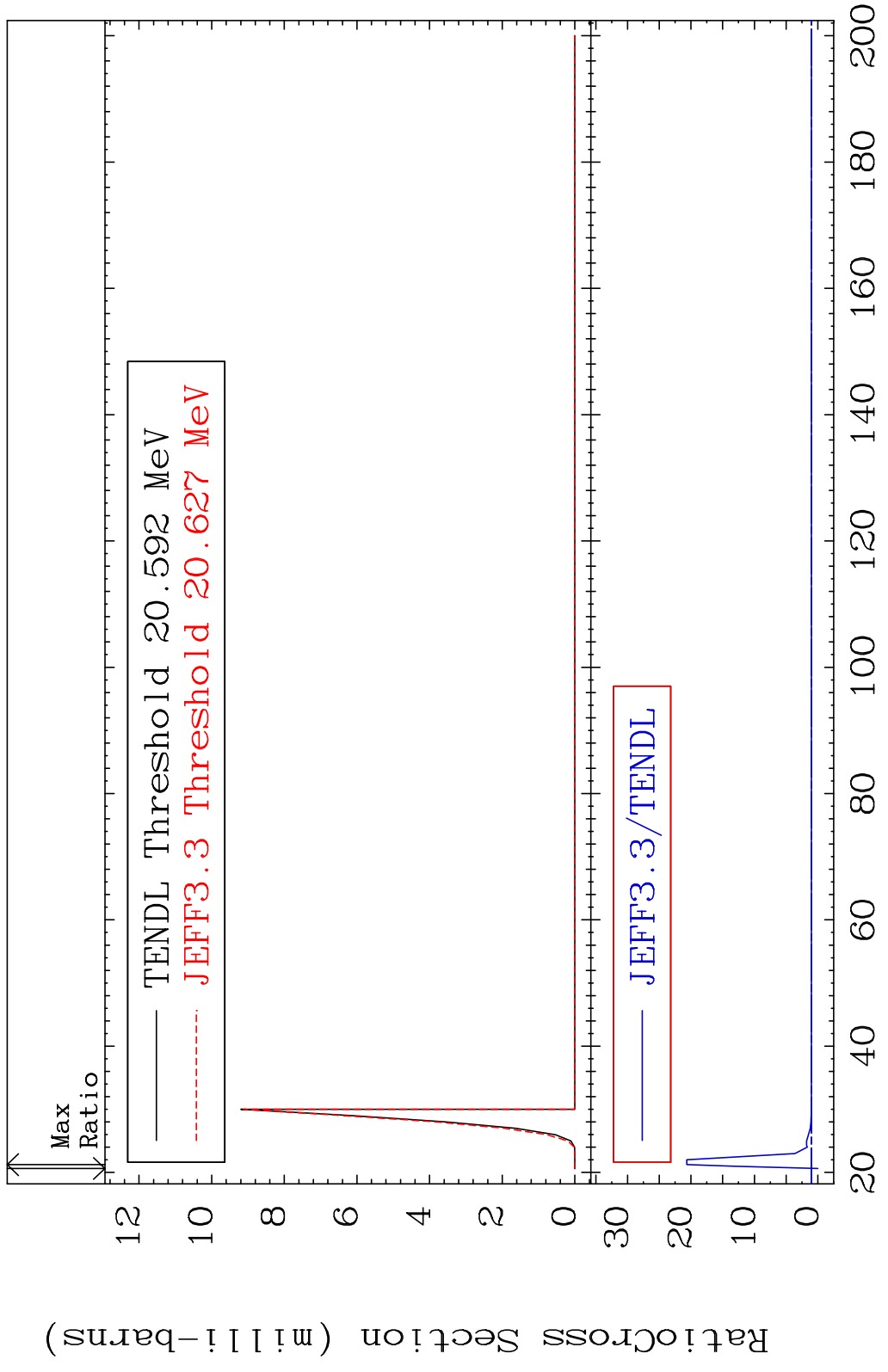
MAT 3643 (n, n') He-3:34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section 1800 d to 358.9 %

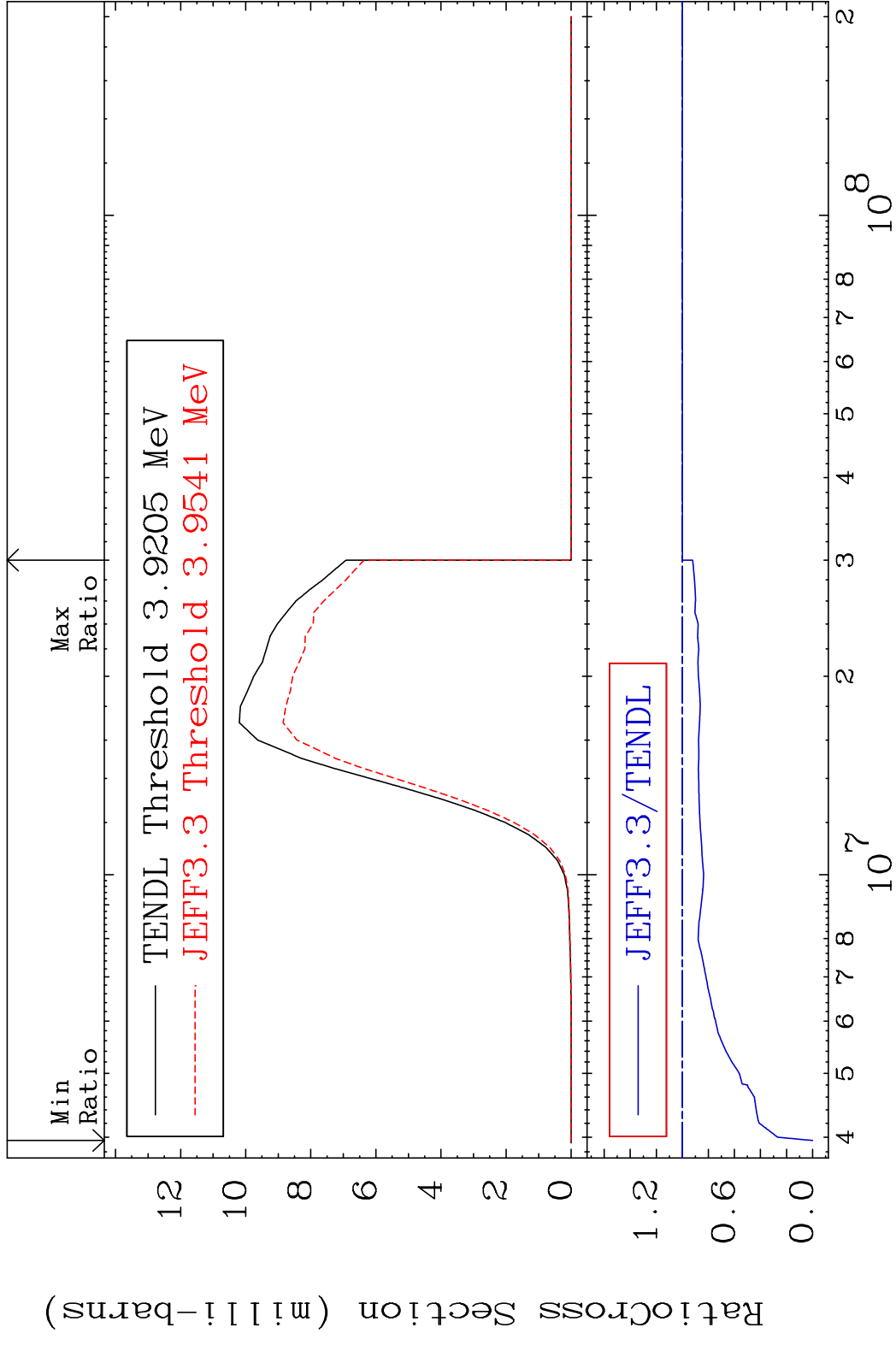


80 Incident Energy (MeV) 36-Kr-84

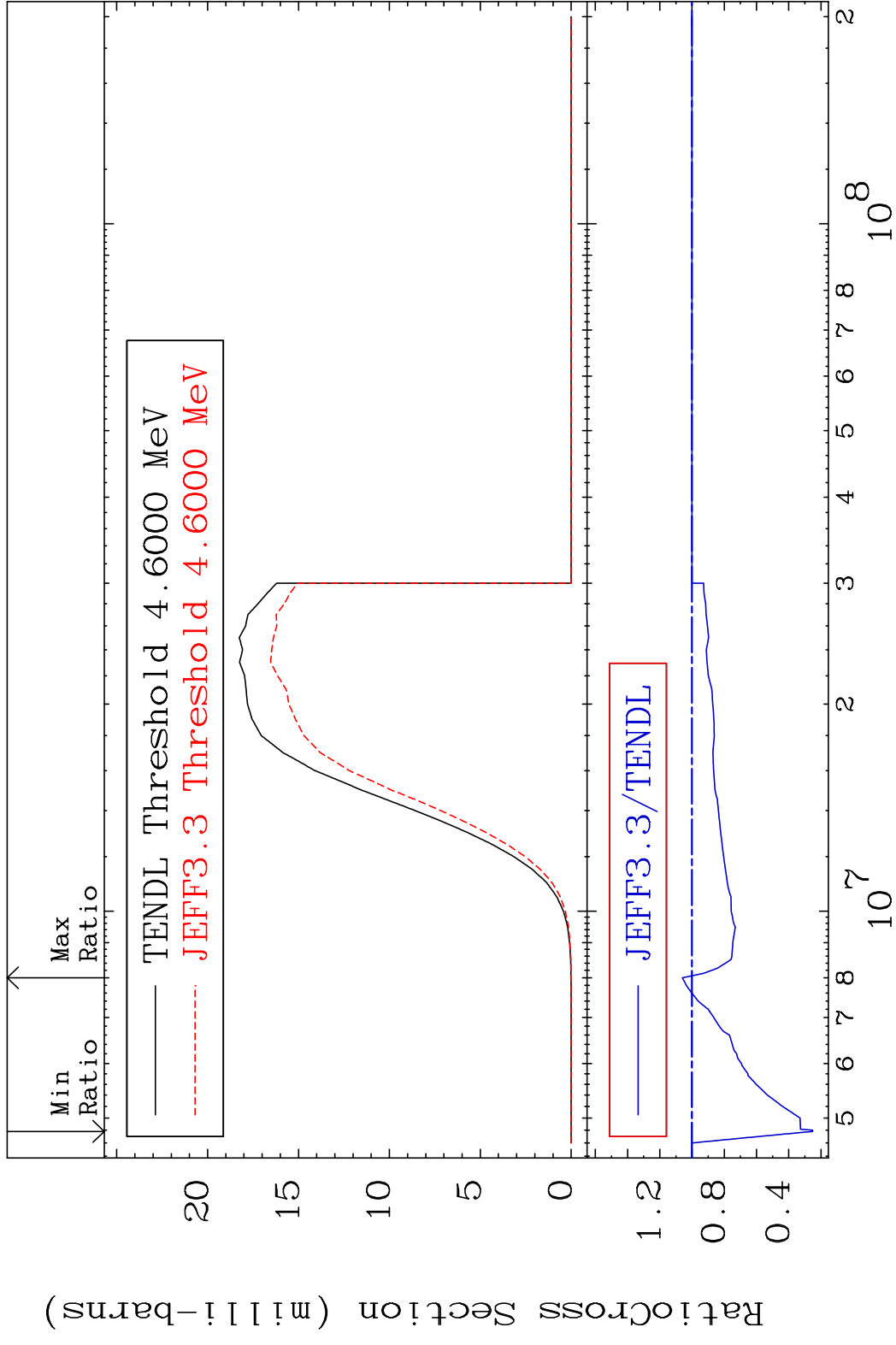
MAT 3643 (n,2n) p:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 1800 d to 1668. %



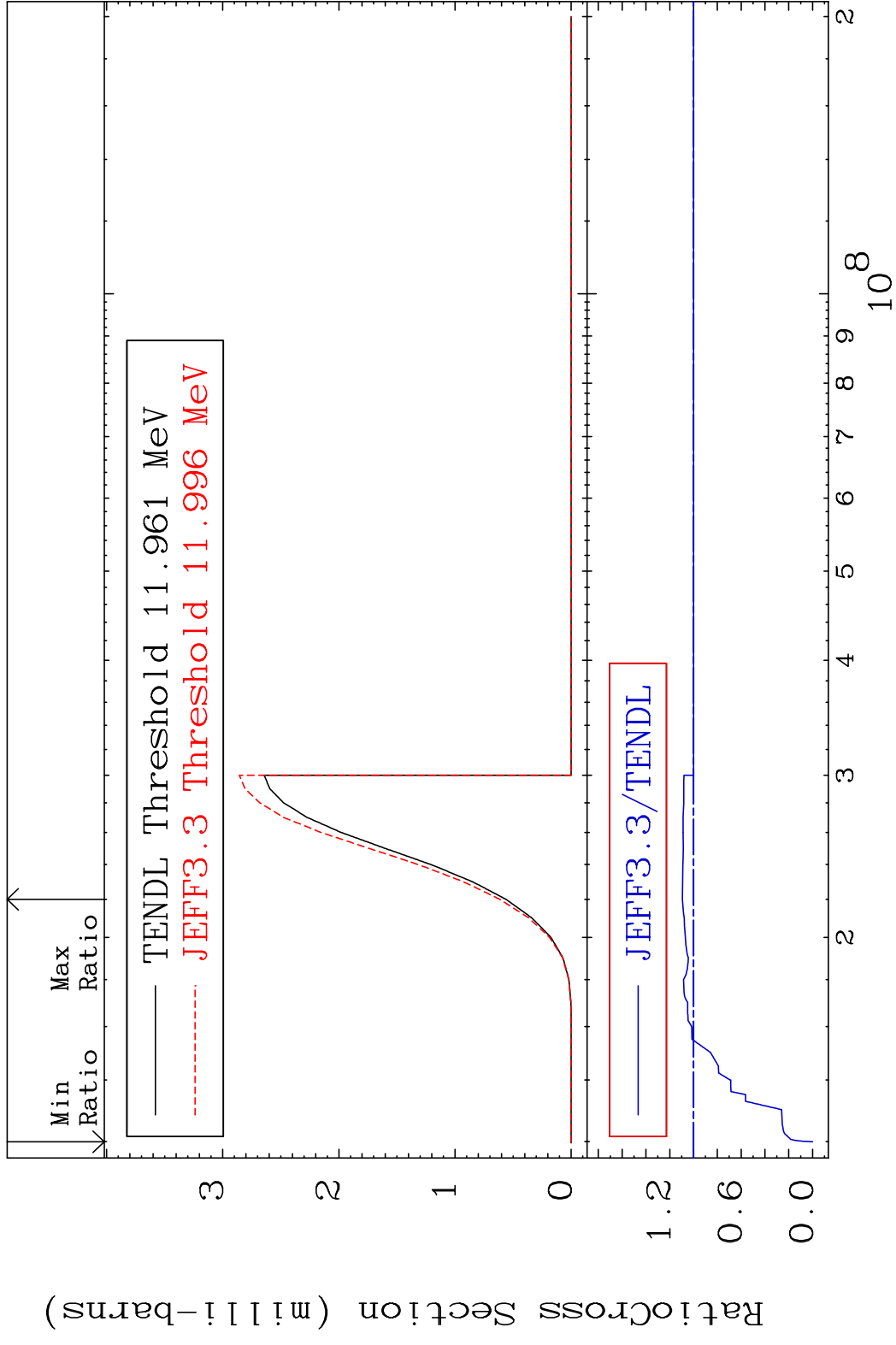




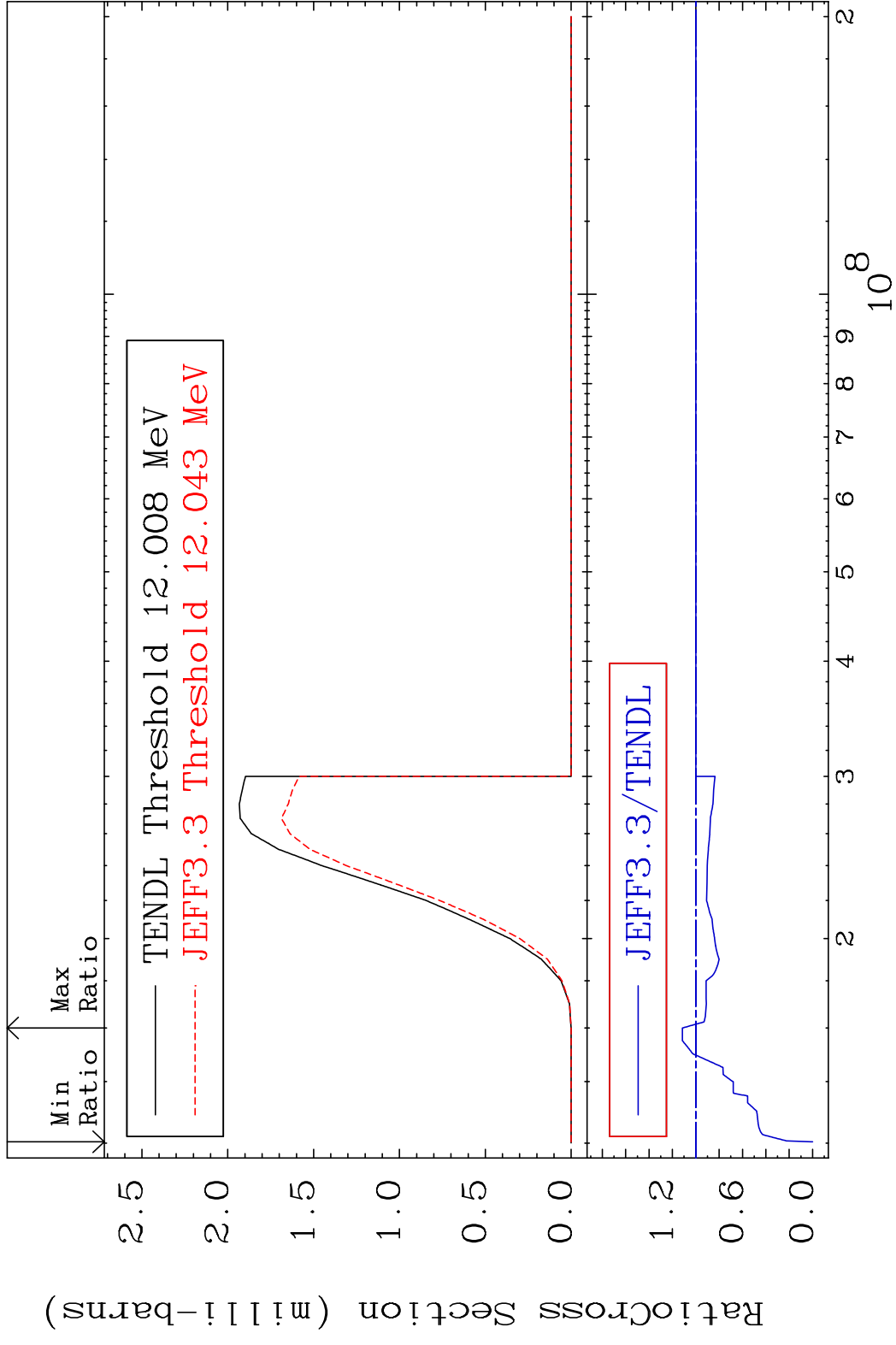
MAT 3643 (n, p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 6.008 %



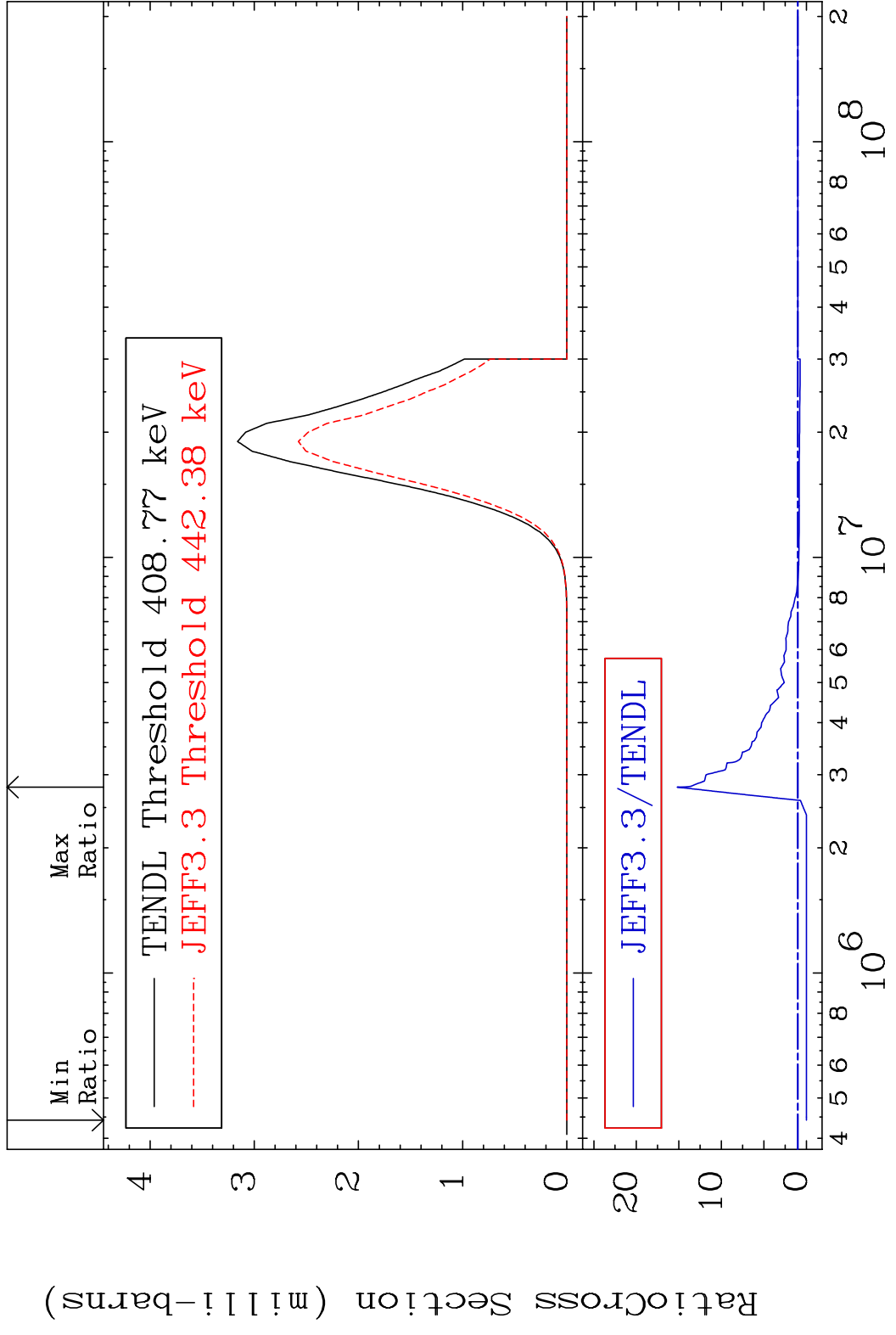
MAT 3643 (n, t):35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section Ratio 9.404 %

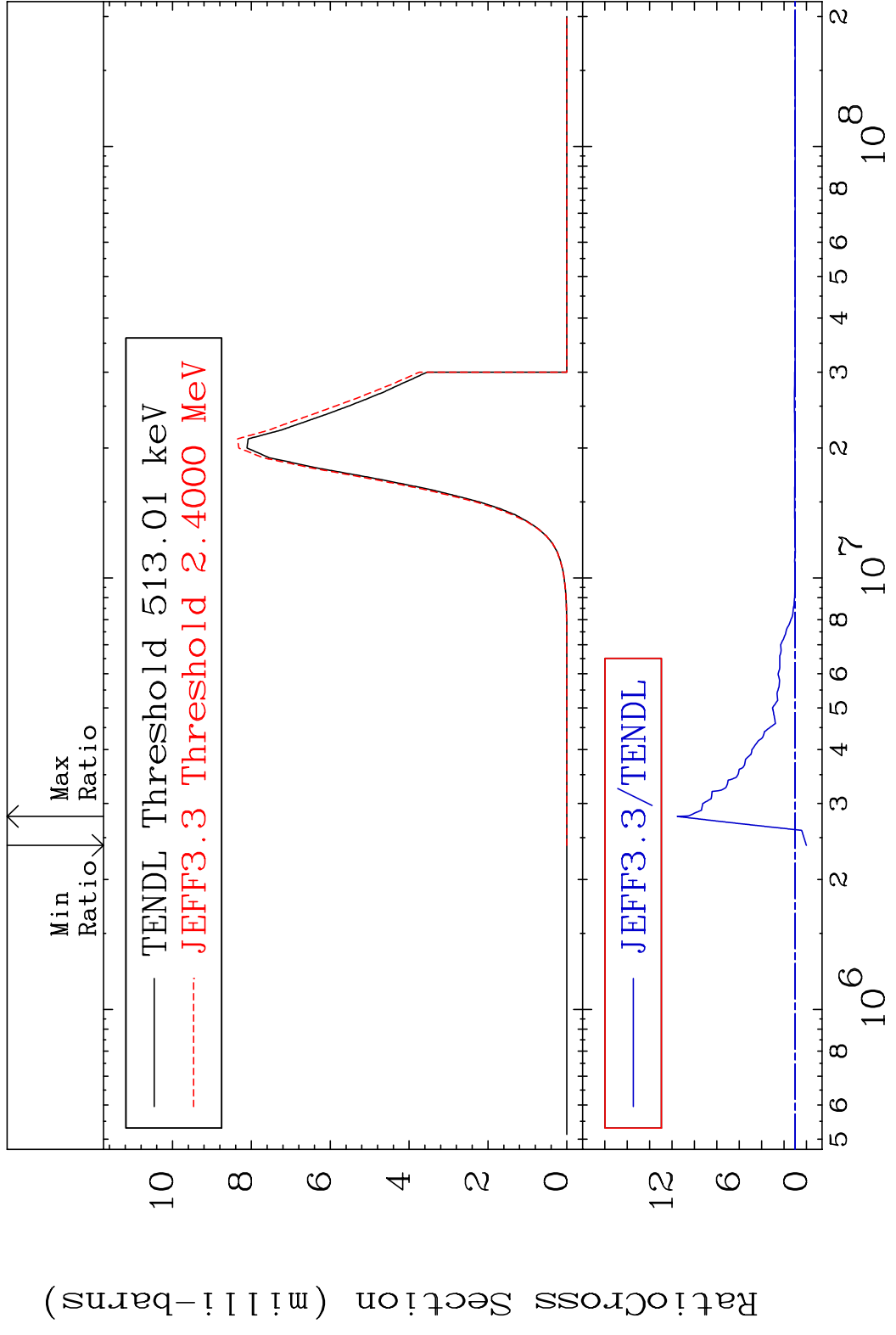


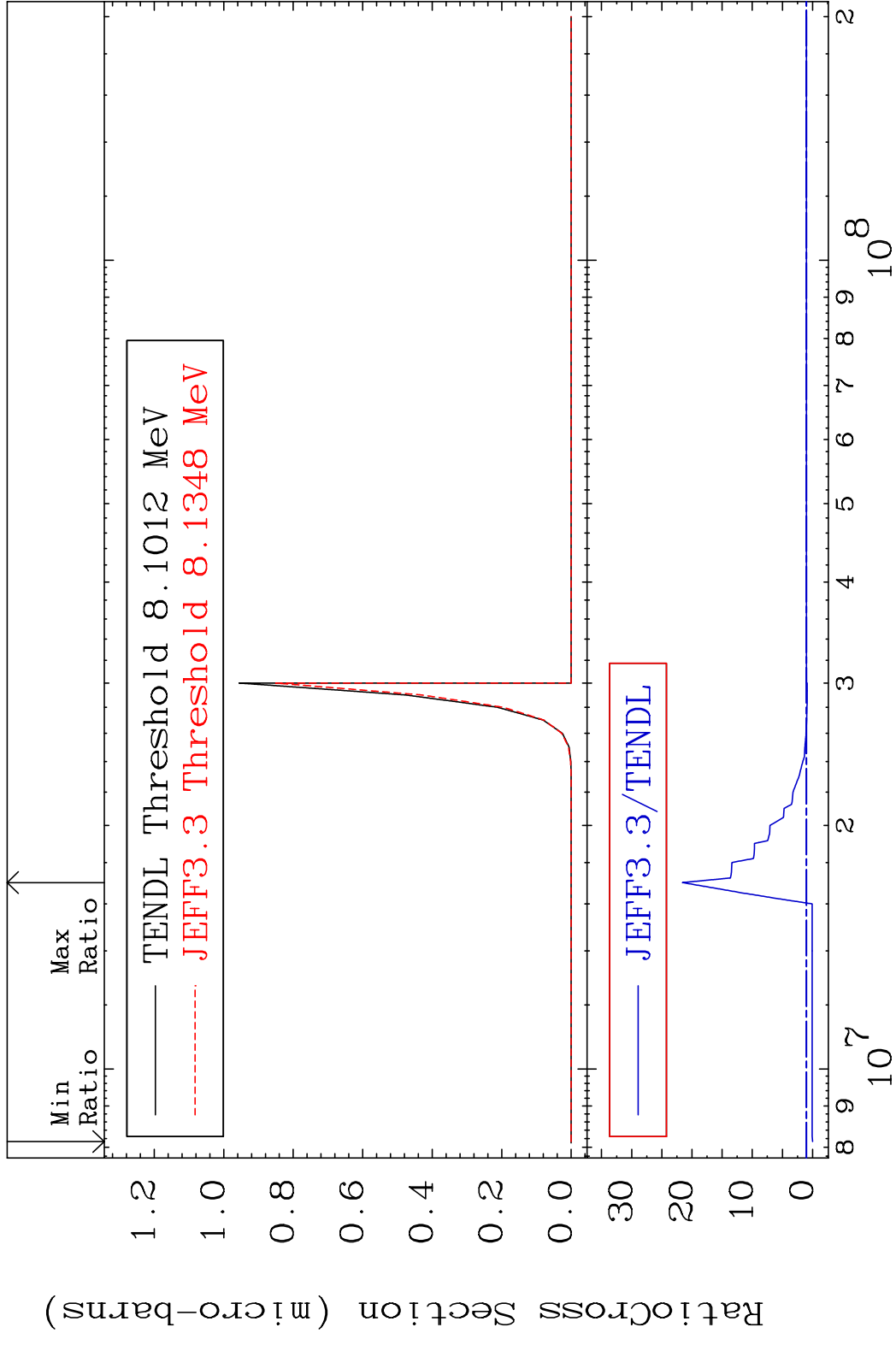
MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dno 11.48 %



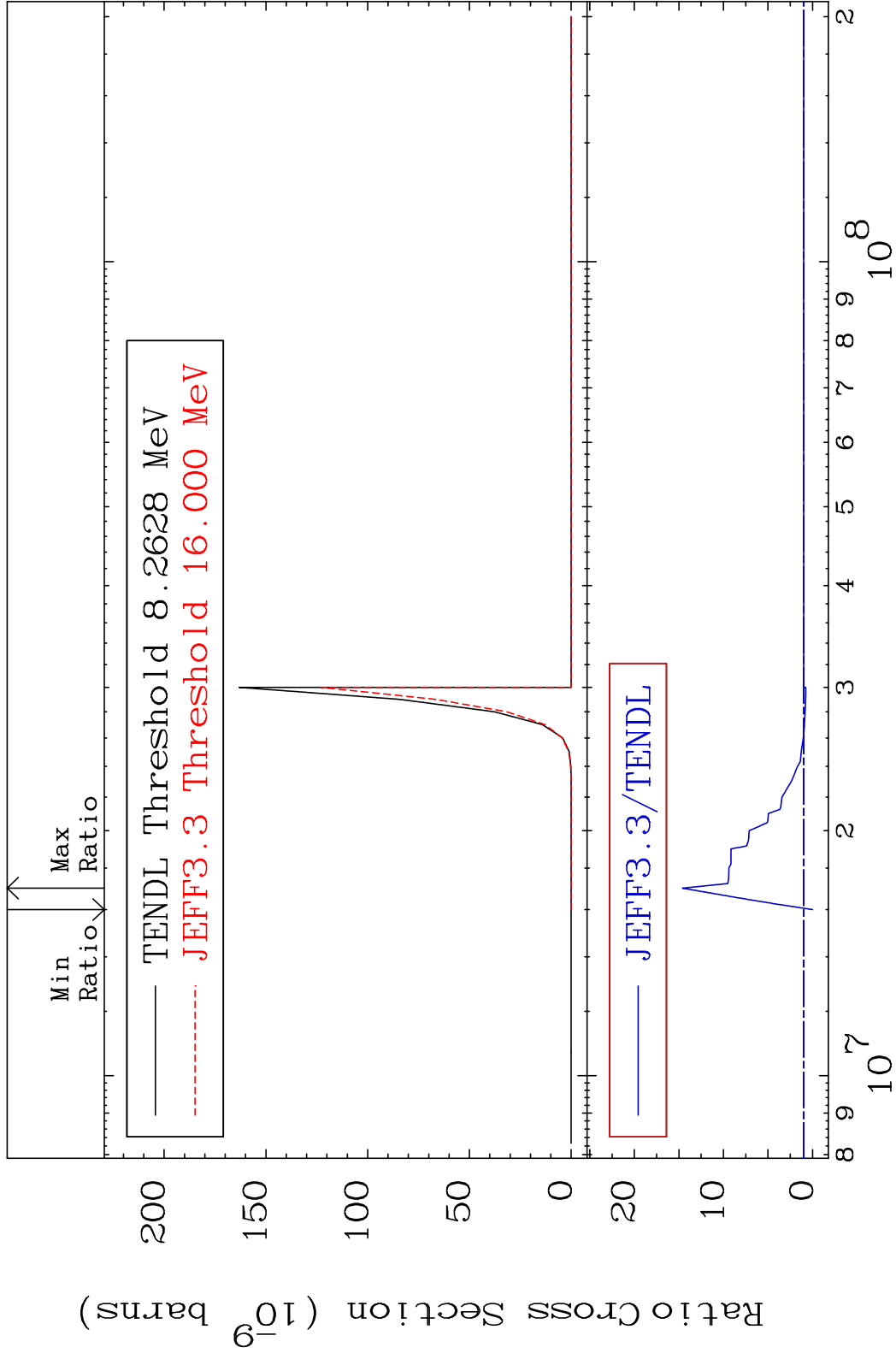
MAT 3643 (n, α):34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section Ratio 1420. %





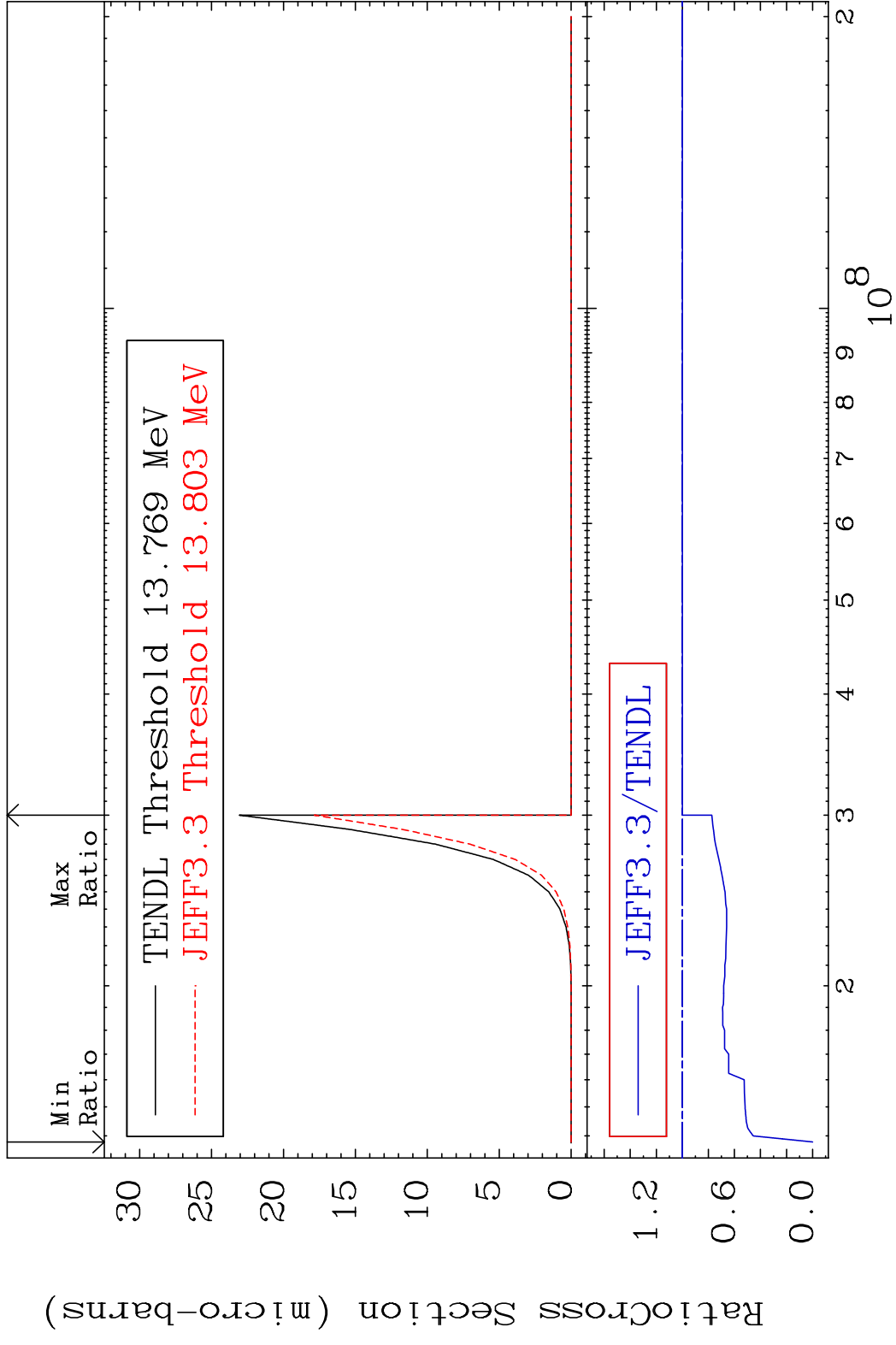


MAT 3643 (n,2α):32-Ge-77m1 36-Kr-84
 Radionuclide Production Cross Section 1361. %

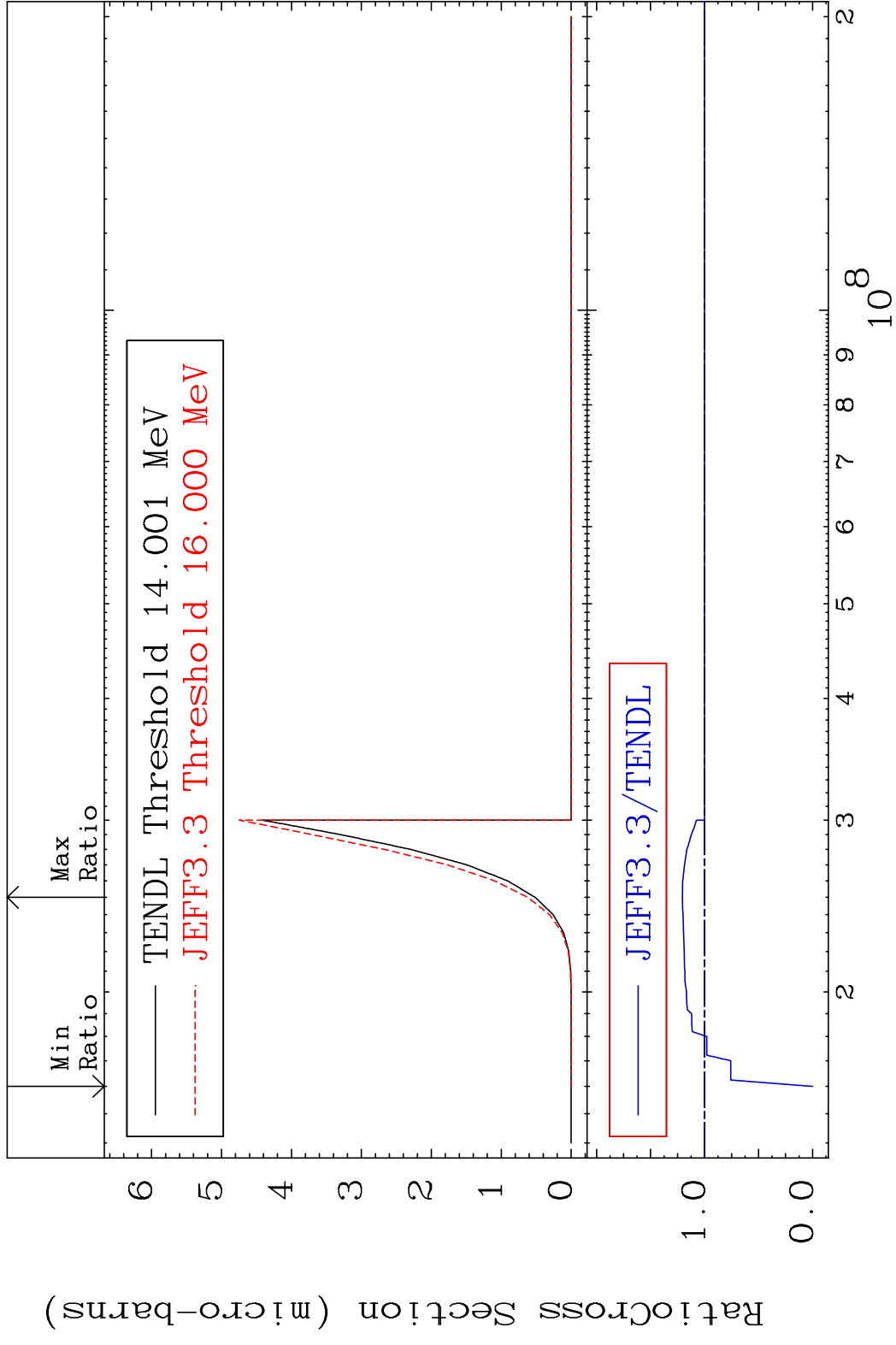


90 Incident Energy (eV) 36-Kr-84

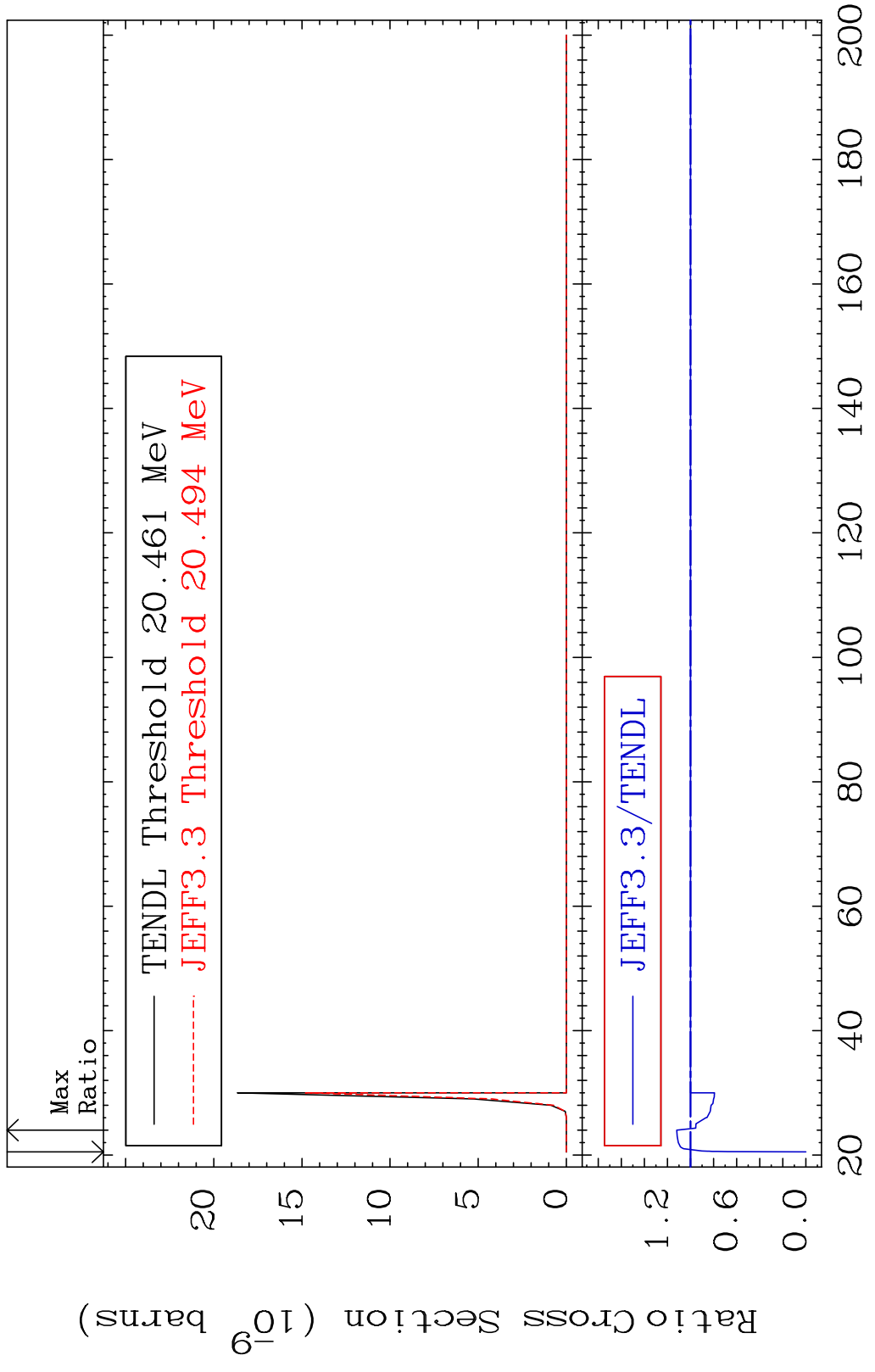
MAT 3643 (n,2p):34-Se-83g 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 3643 (n,2p):34-Se-83m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 20.56 %



MAT 3643 (n,p) t:34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section Ratio 11.99 %



MAT 3643 (n,p) t:34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 12.66 %

