

Program Complot
(Version 2021-1)

by

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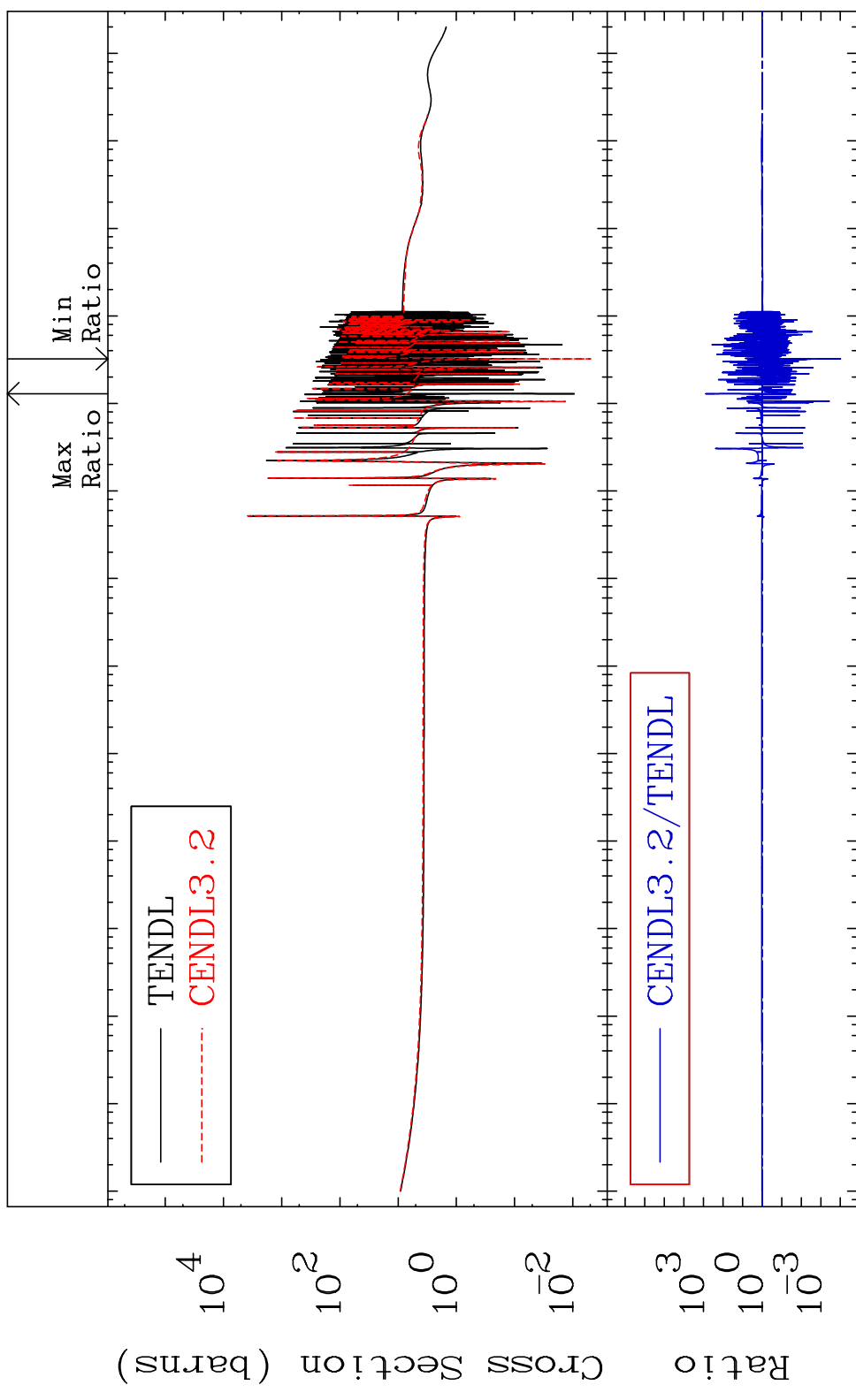
Press Mouse Button to Start

MAT 3643

Total

36-Kr-84

Cross Section -99.99 To 9999. %



1

Incident Energy (eV)

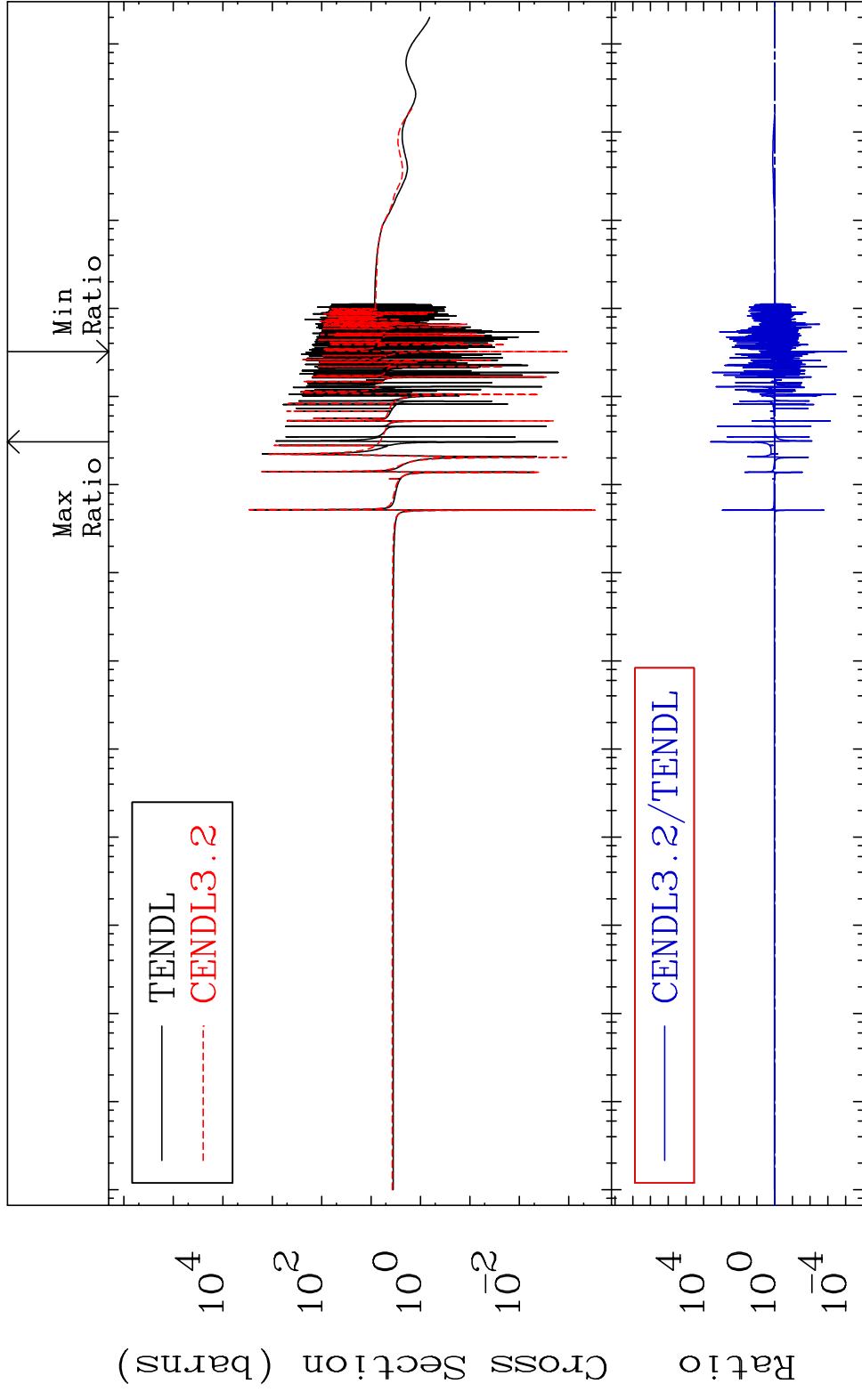
36-Kr-84

MAT 3643

36-Kr-84

Elastic

Cross Section -99.99 To 9999. %

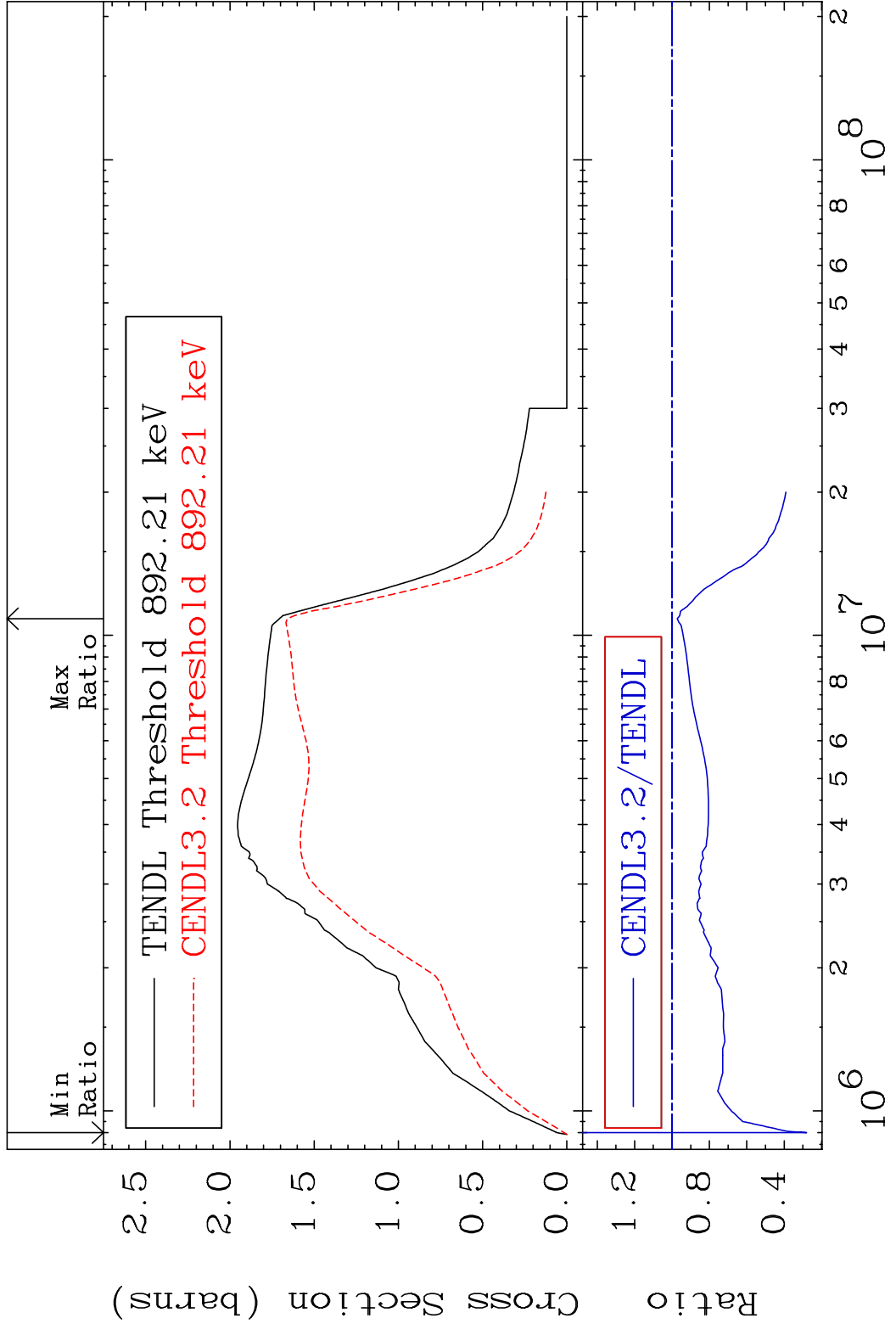


2

Incident Energy (eV)

36-Kr-84

MAT 3643 Inelastic 36-Kr-84
 Cross Section -71.90 To -2.758%



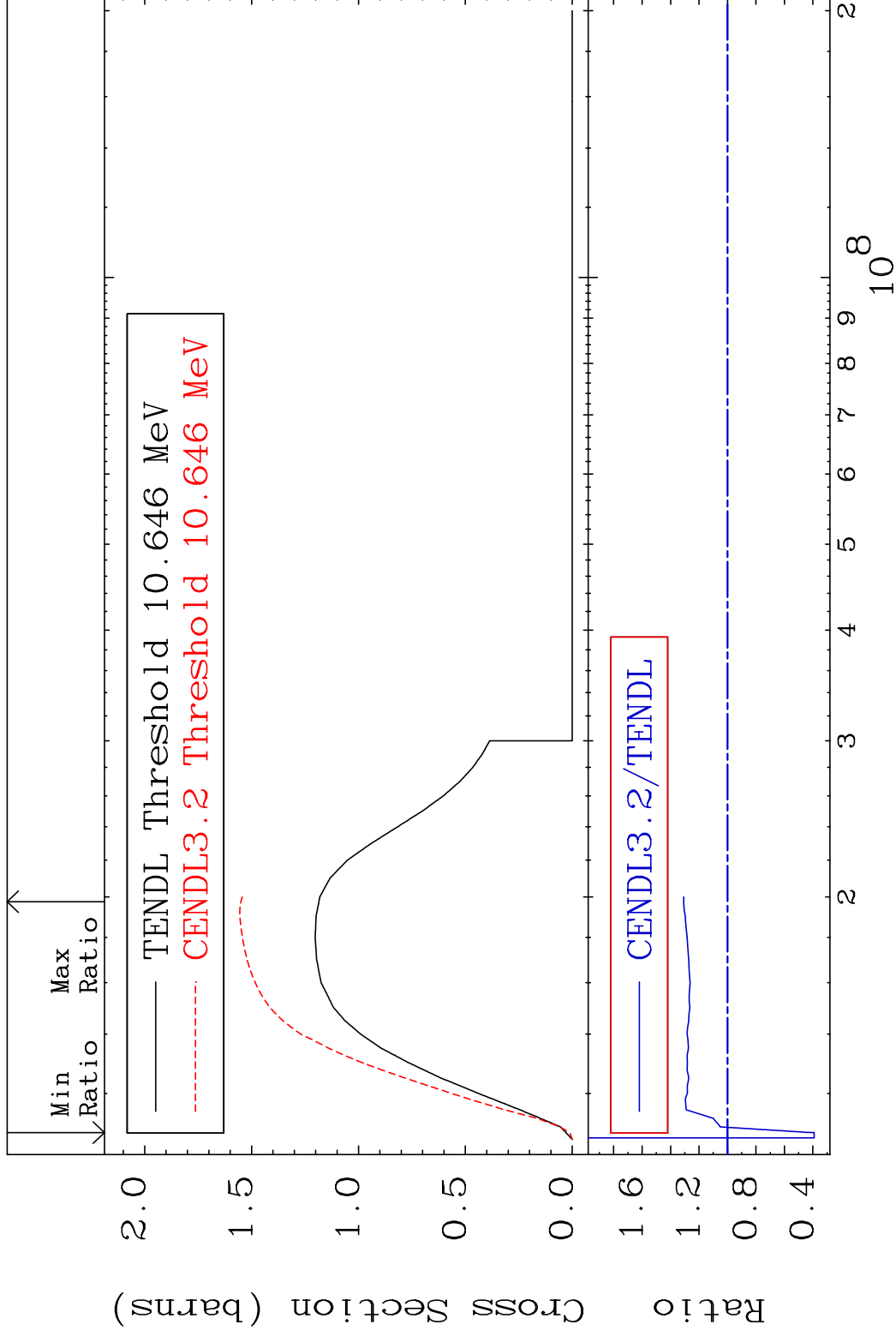
3 Incident Energy (eV) 36-Kr-84

MAT 3643

(n,2n)

36-Kr-84

Cross Section -60.86 To 30.81 %



4

Incident Energy (eV)

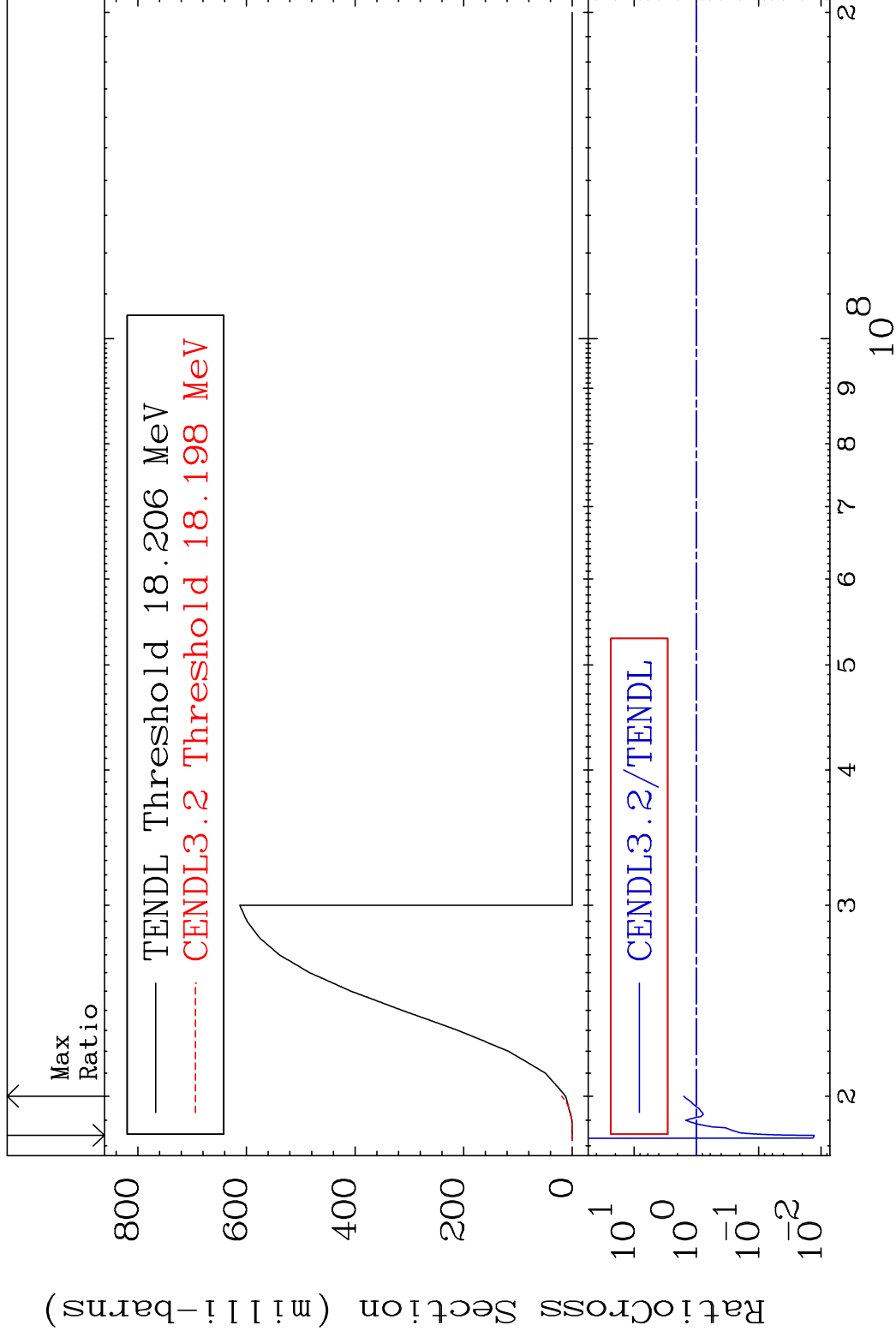
36-Kr-84

MAT 3643

(n,3n)

36-Kr-84

Cross Section -98.71 To 59.70 %

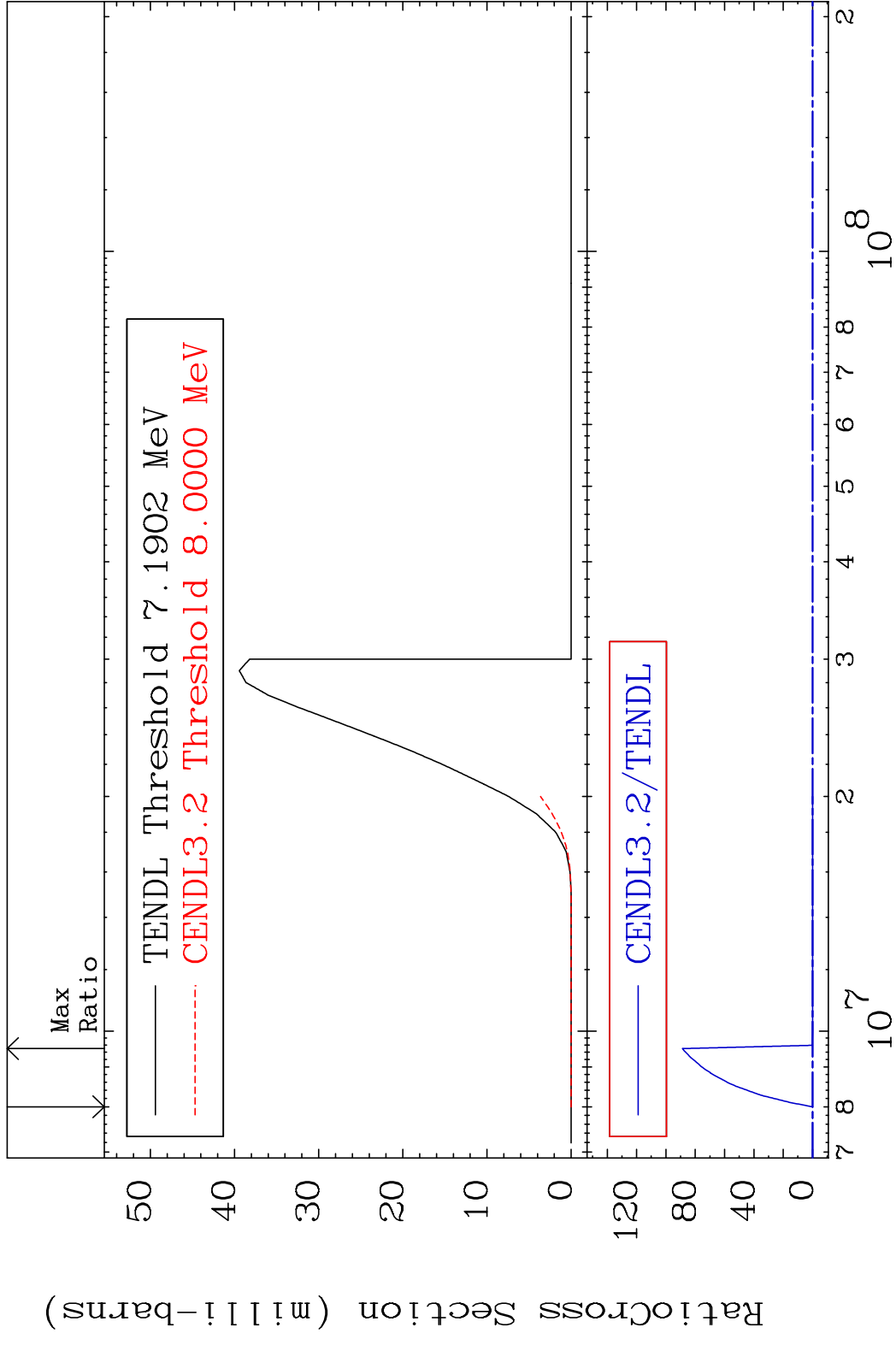


5

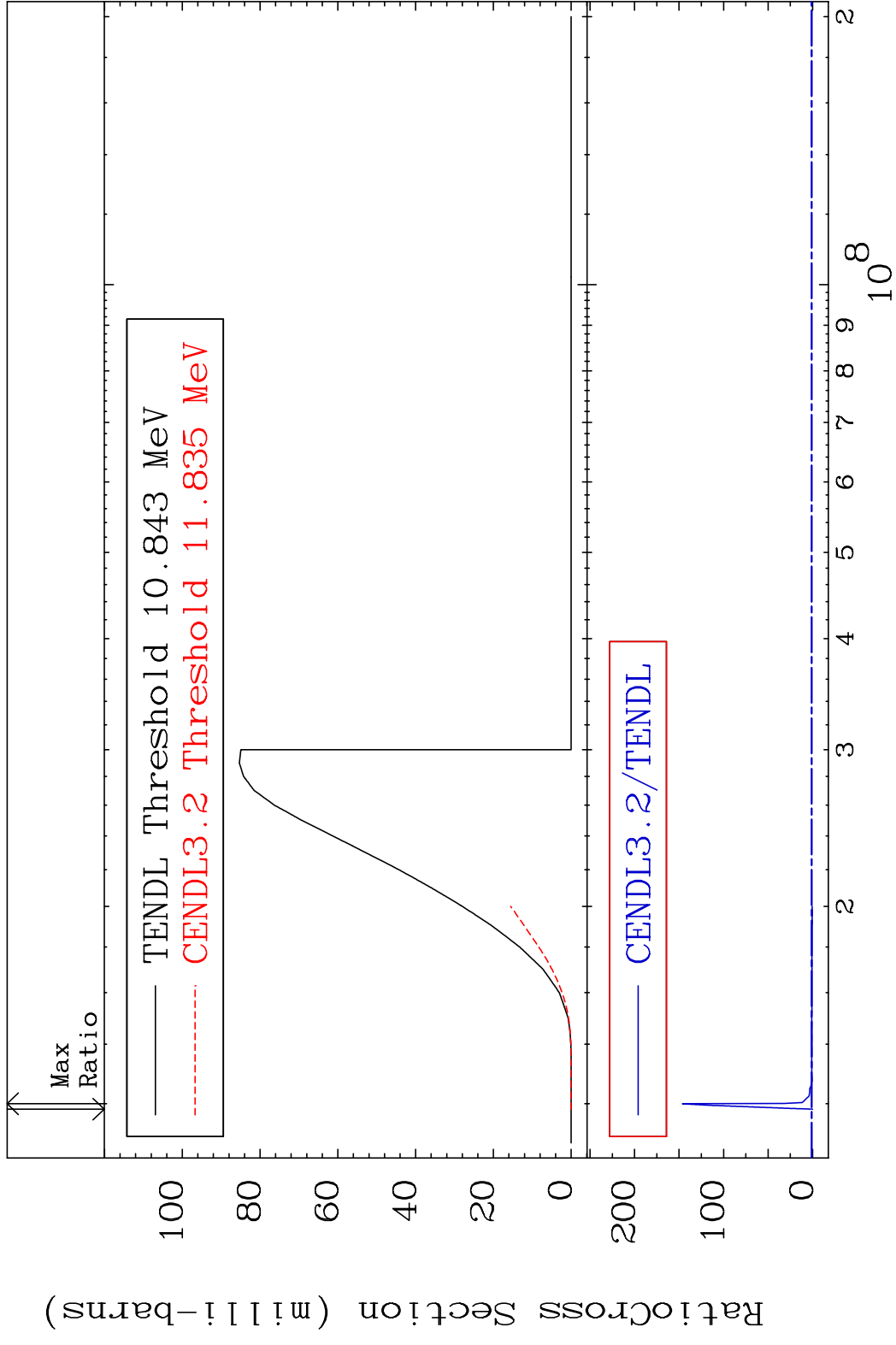
Incident Energy (eV)

36-Kr-84

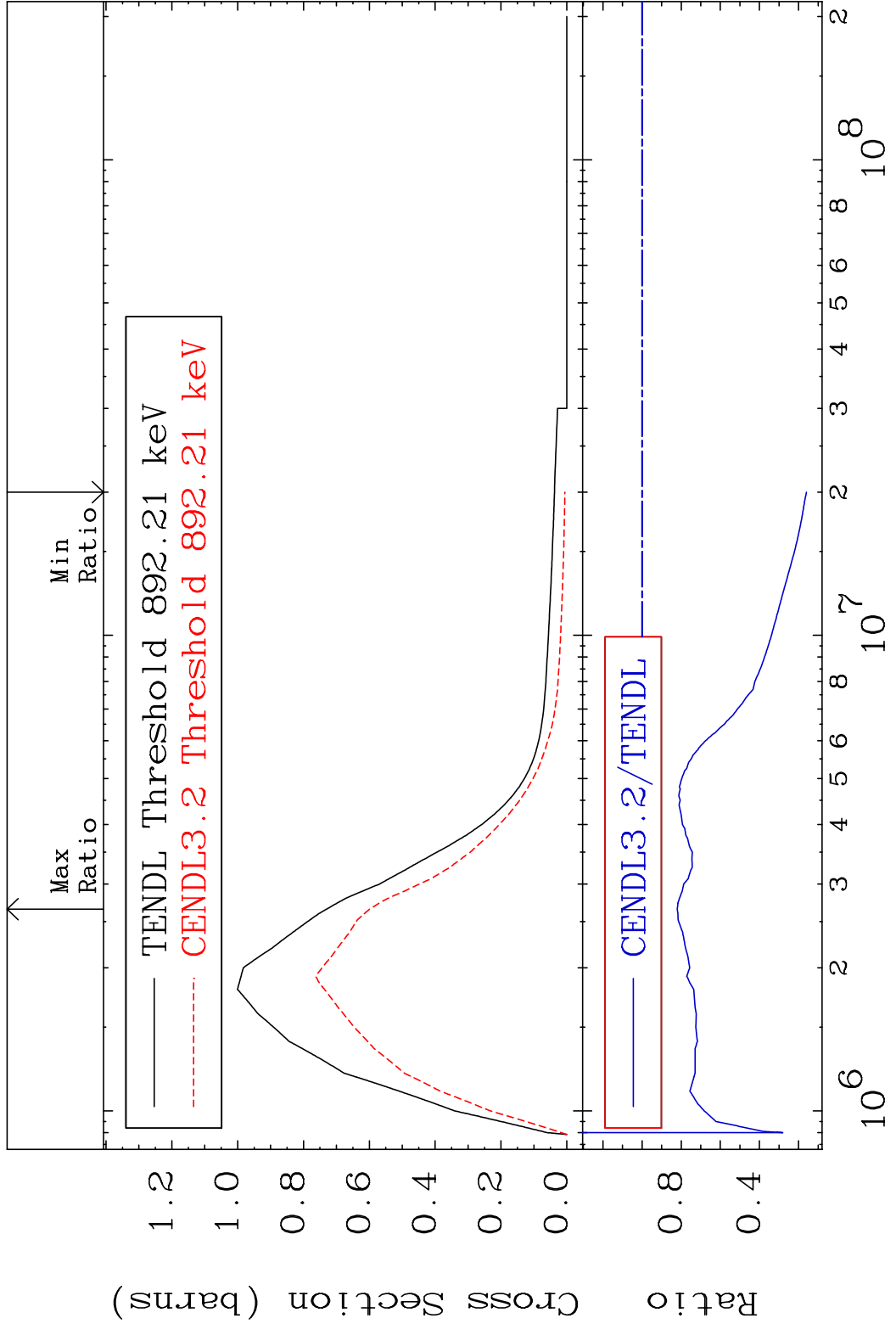
MAT 3643 (n, n') α 36-Kr-84
 Cross Section -100.0 To 9999. %



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

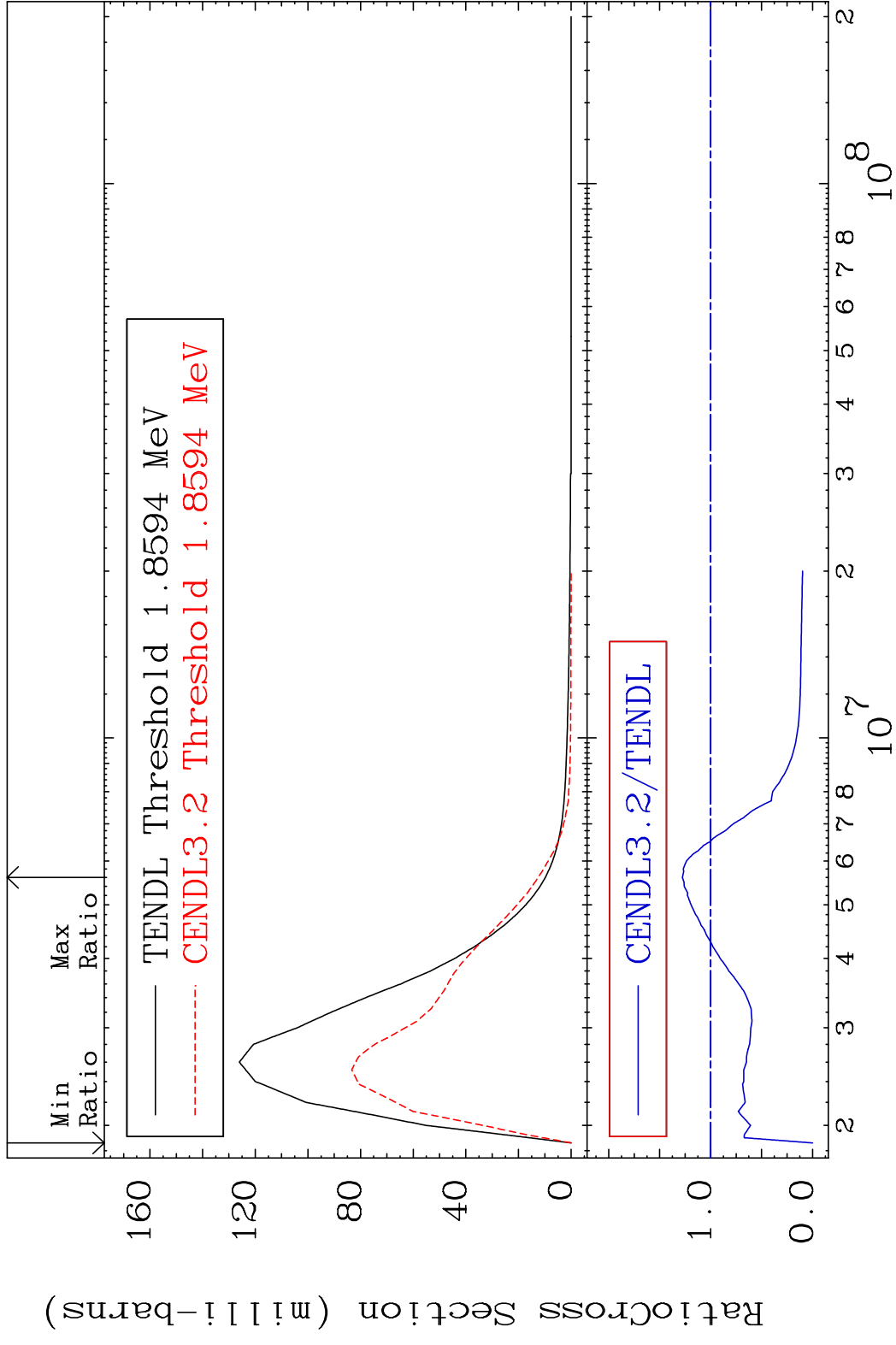


MAT 3643 MT= 51 (n, n') Level 36-Kr-84
 Cross Section -83.99 To -17.96%



8 Incident Energy (eV) 36-Kr-84

MAT 3643 MT= 52 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 27.74 %

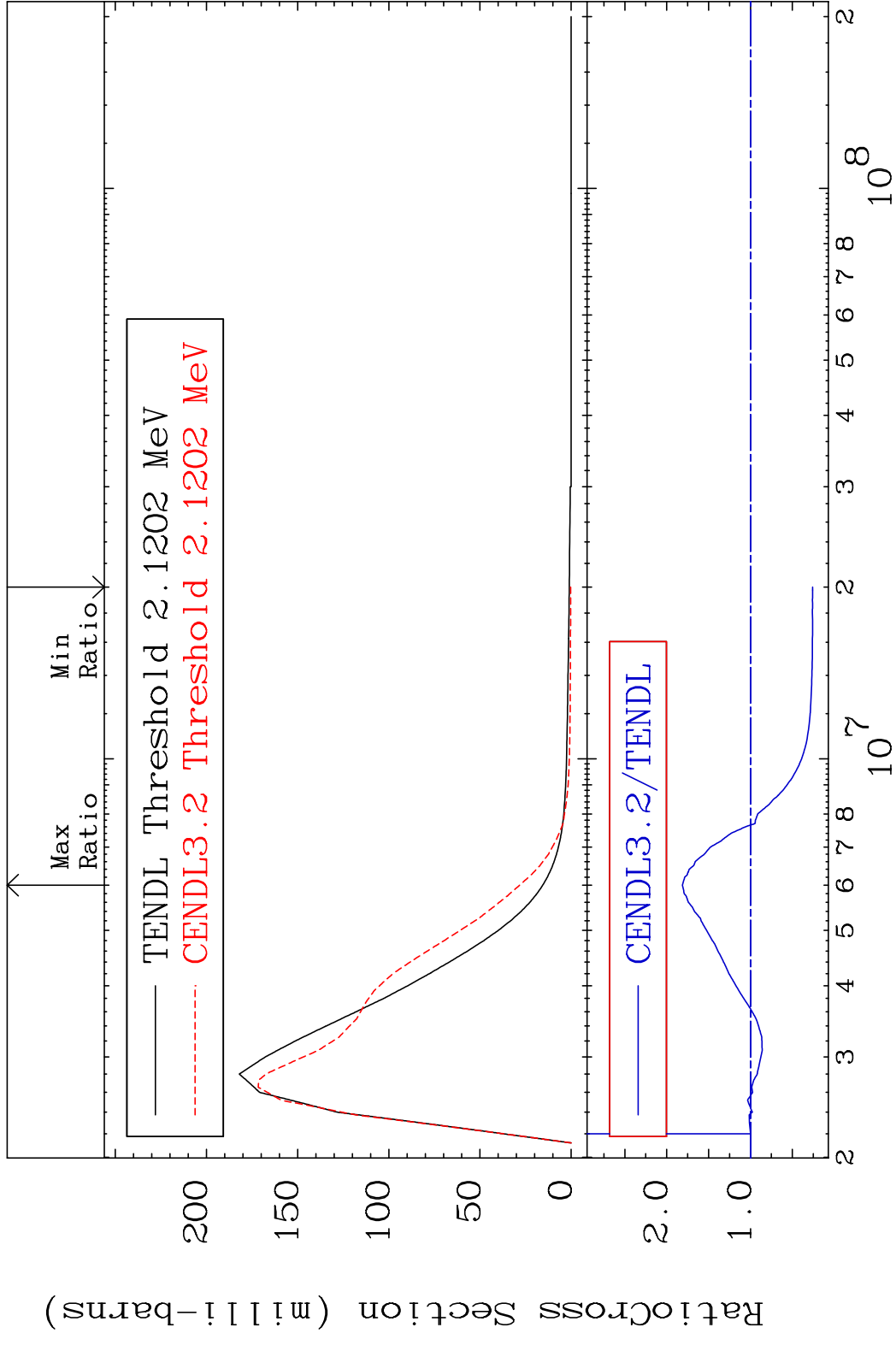


MAT 3643

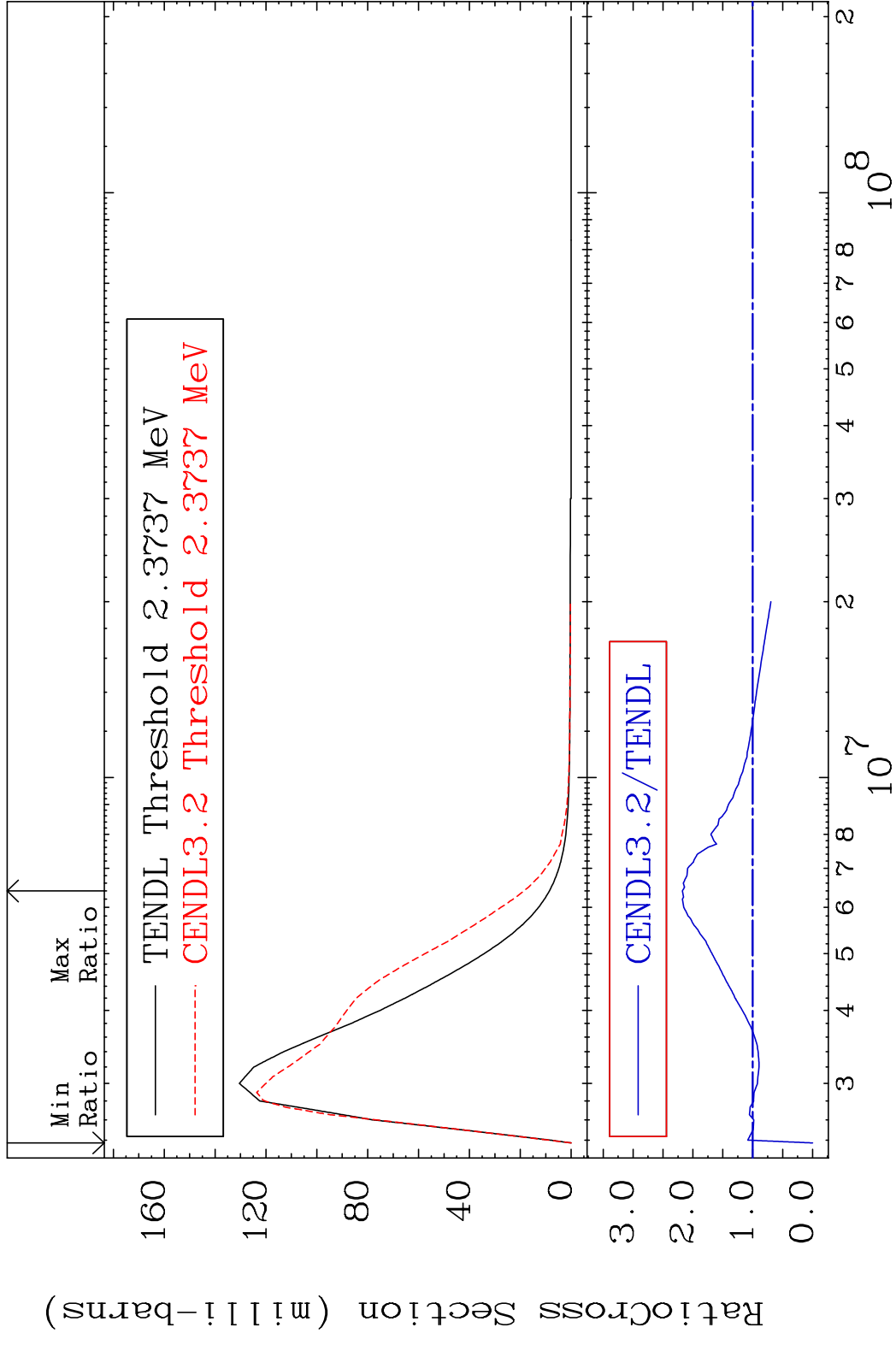
MT= 54 (n, n') Level

36-Kr-84

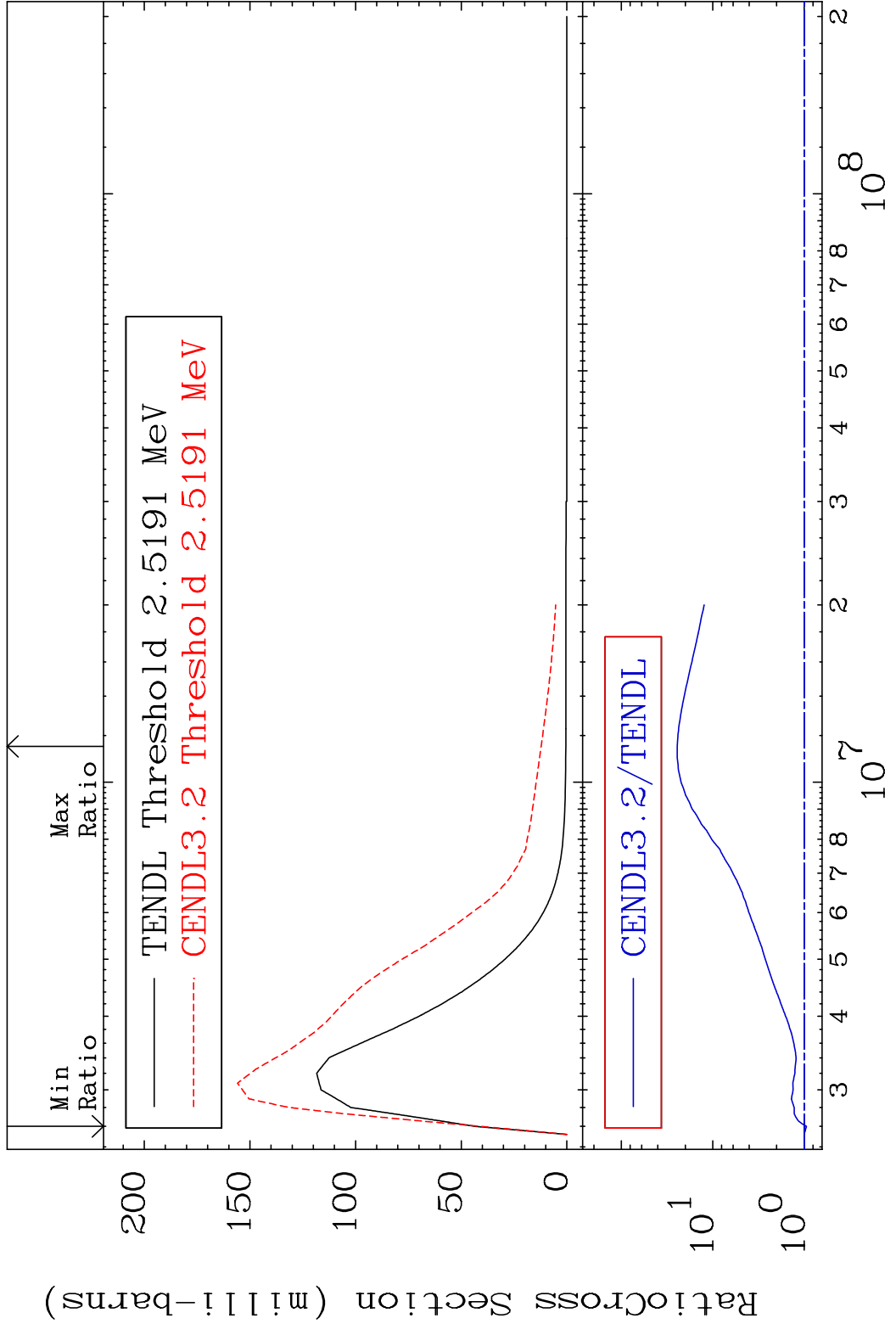
Cross Section -74.08 To 81.34 %



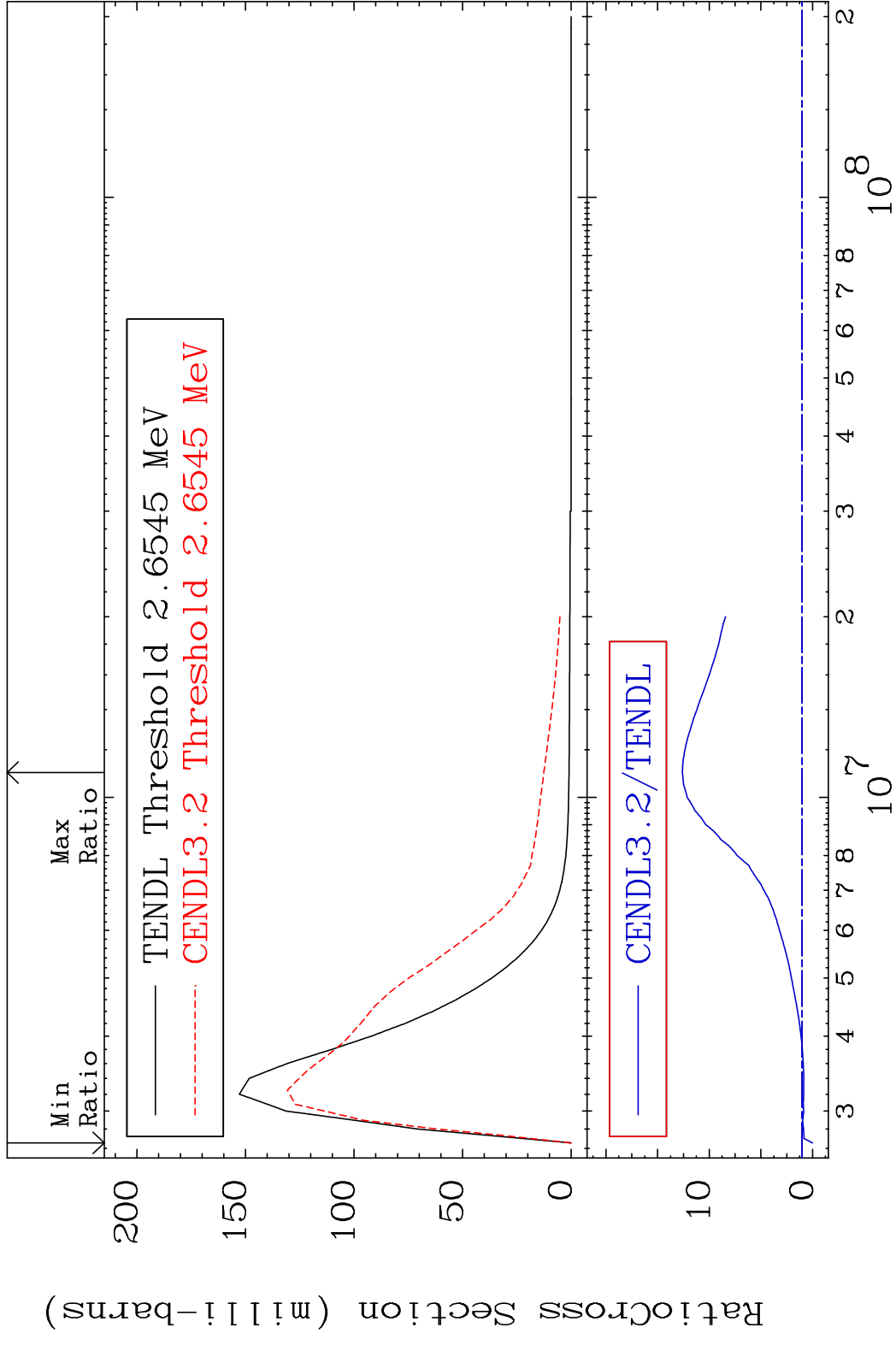
MAT 3643 MT= 55 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 117.7 %



MAT 3643 MT= 56 (n,n') Level 36-Kr-84
 Cross Section -5.455 To 2352. %

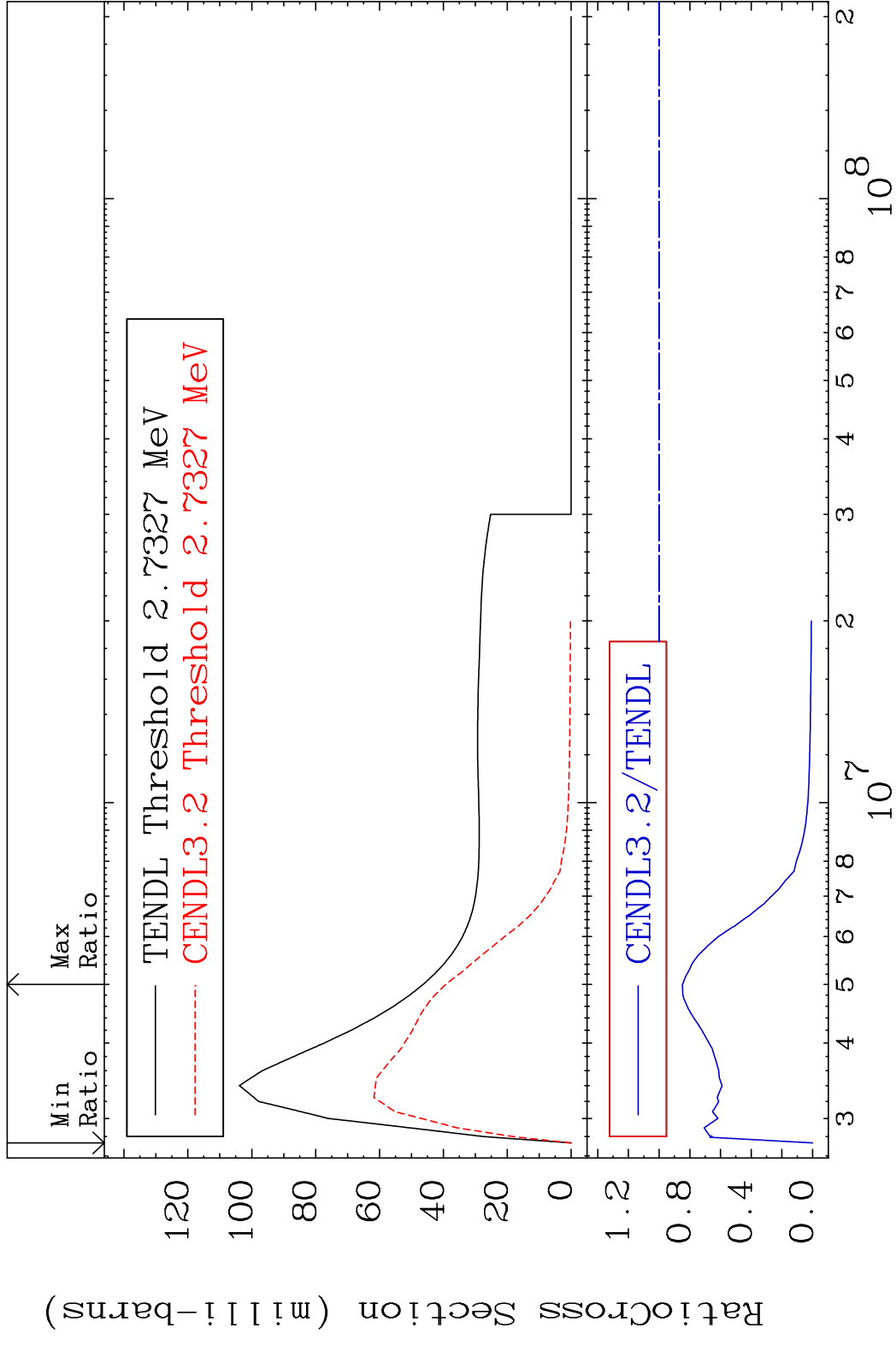


MAT 3643 MT= 57 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 1160. %

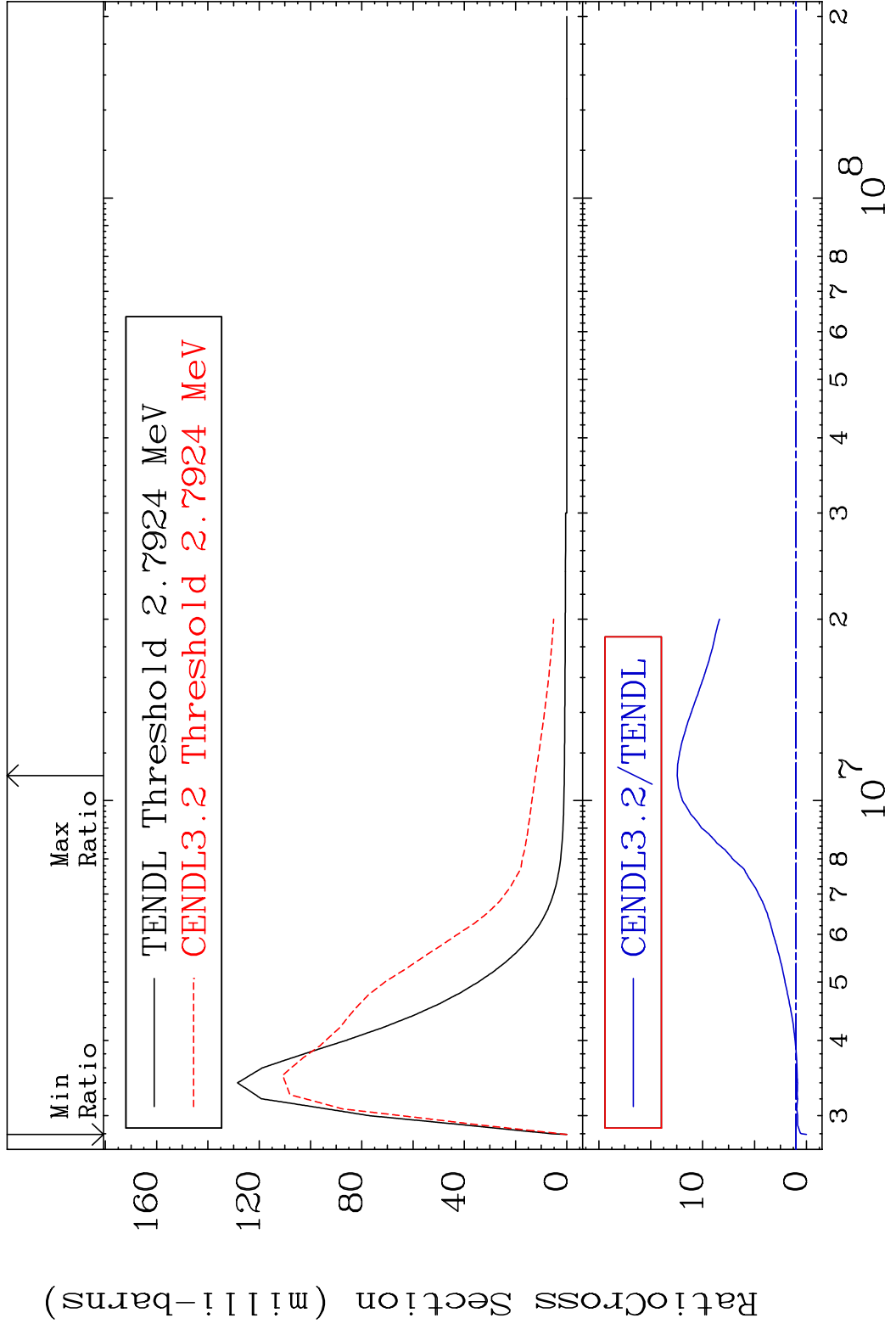


14 Incident Energy (eV) 36-Kr-84

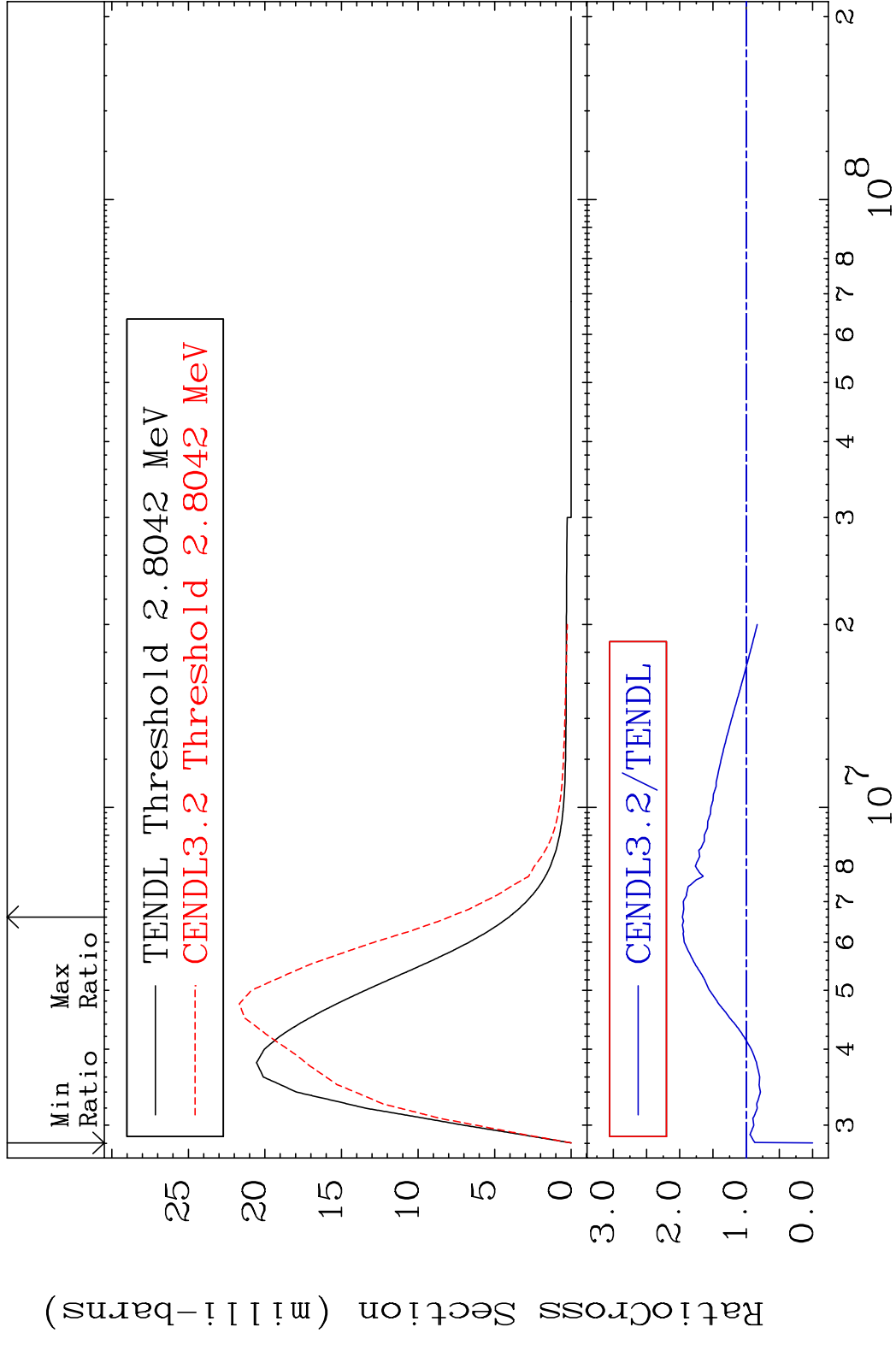
MAT 3643 MT= 58 (n,n') Level 36-Kr-84
 Cross Section -100.0 To -15.13%



MAT 3643 MT= 59 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 1145. %

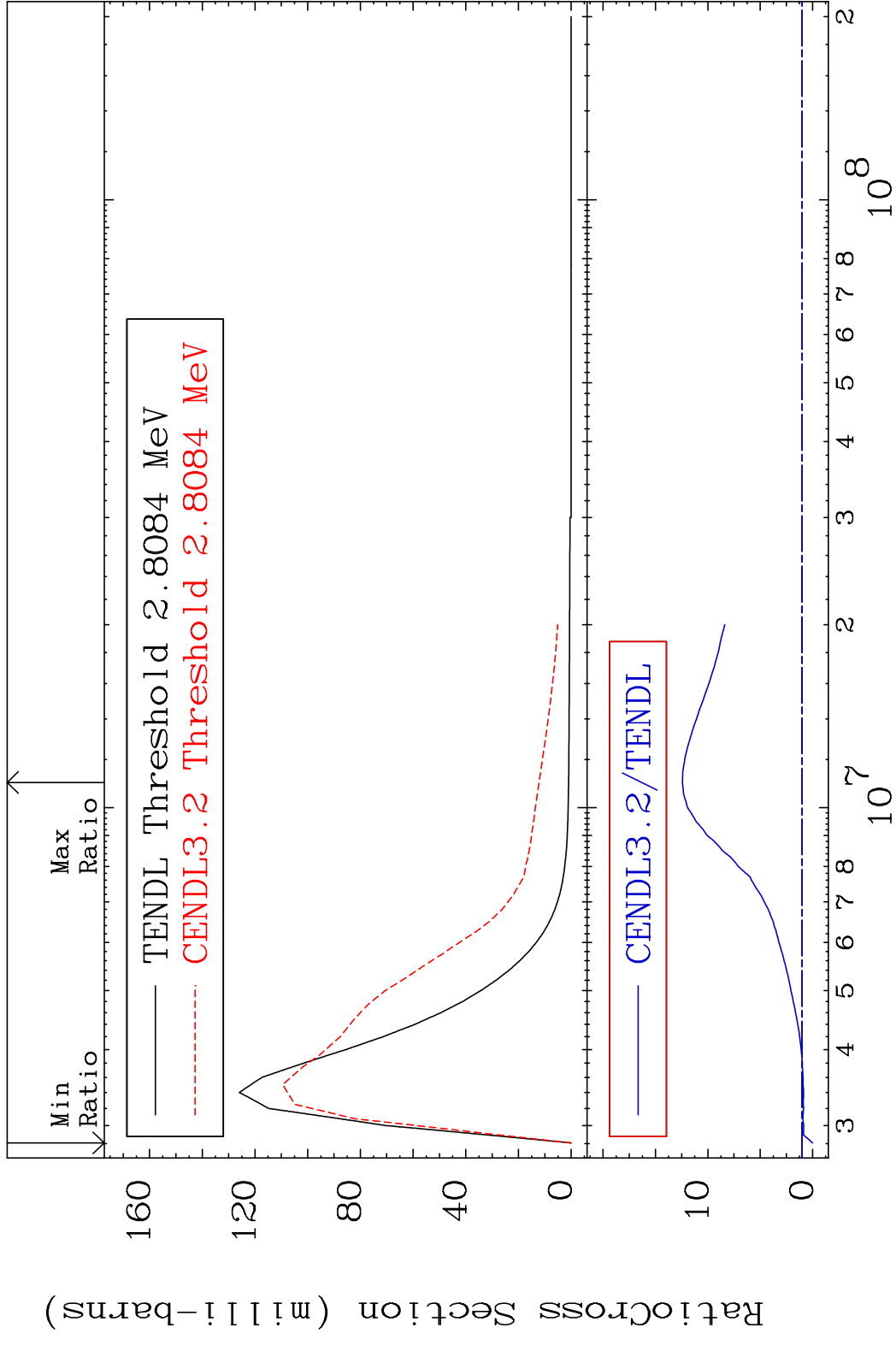


MAT 3643 MT= 60 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 96.09 %



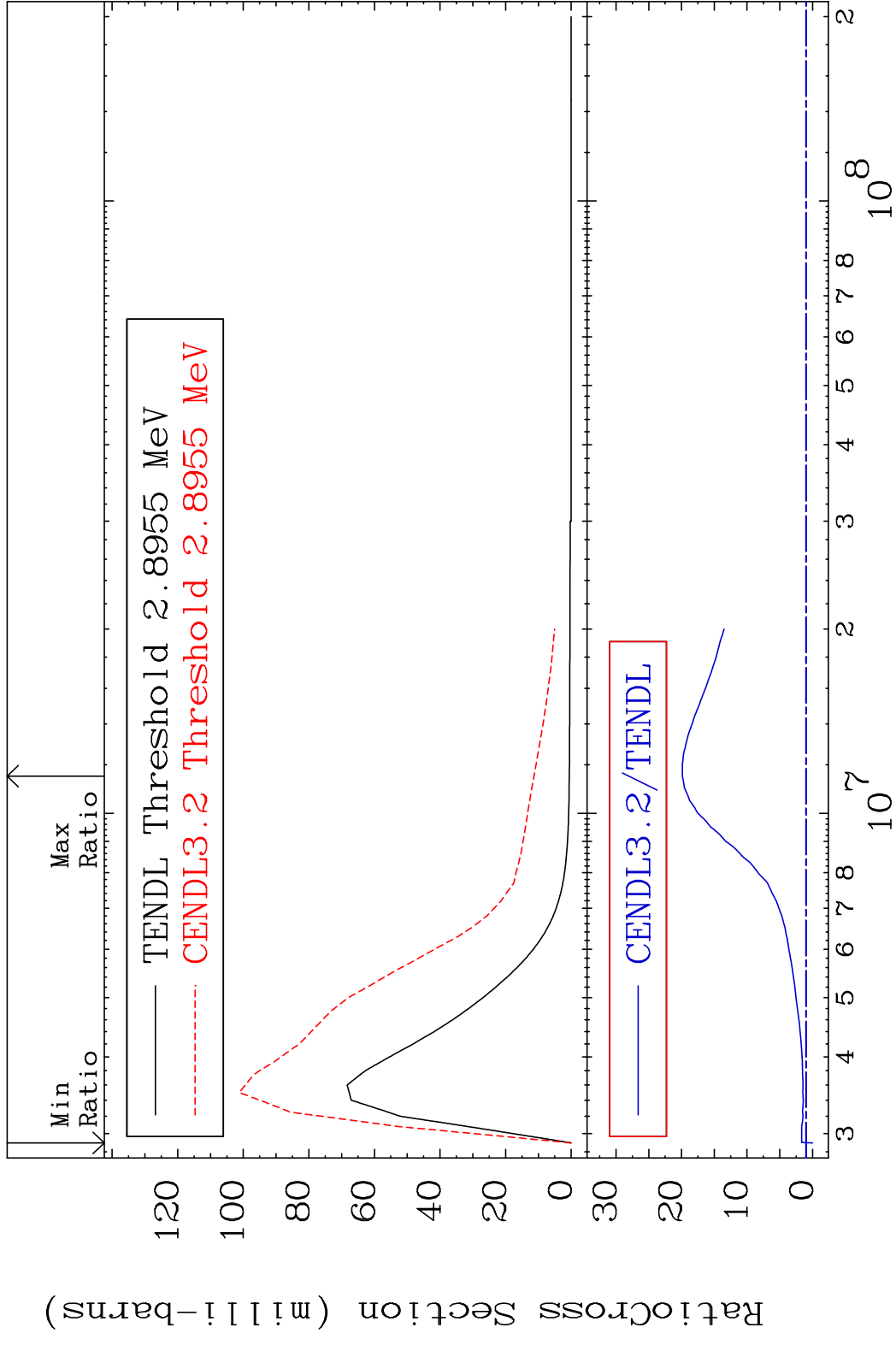
17 Incident Energy (eV) 36-Kr-84

MAT 3643 MT= 61 (n,n') Level 36-Kr-84
 Cross Section -100.0 To 1143. %

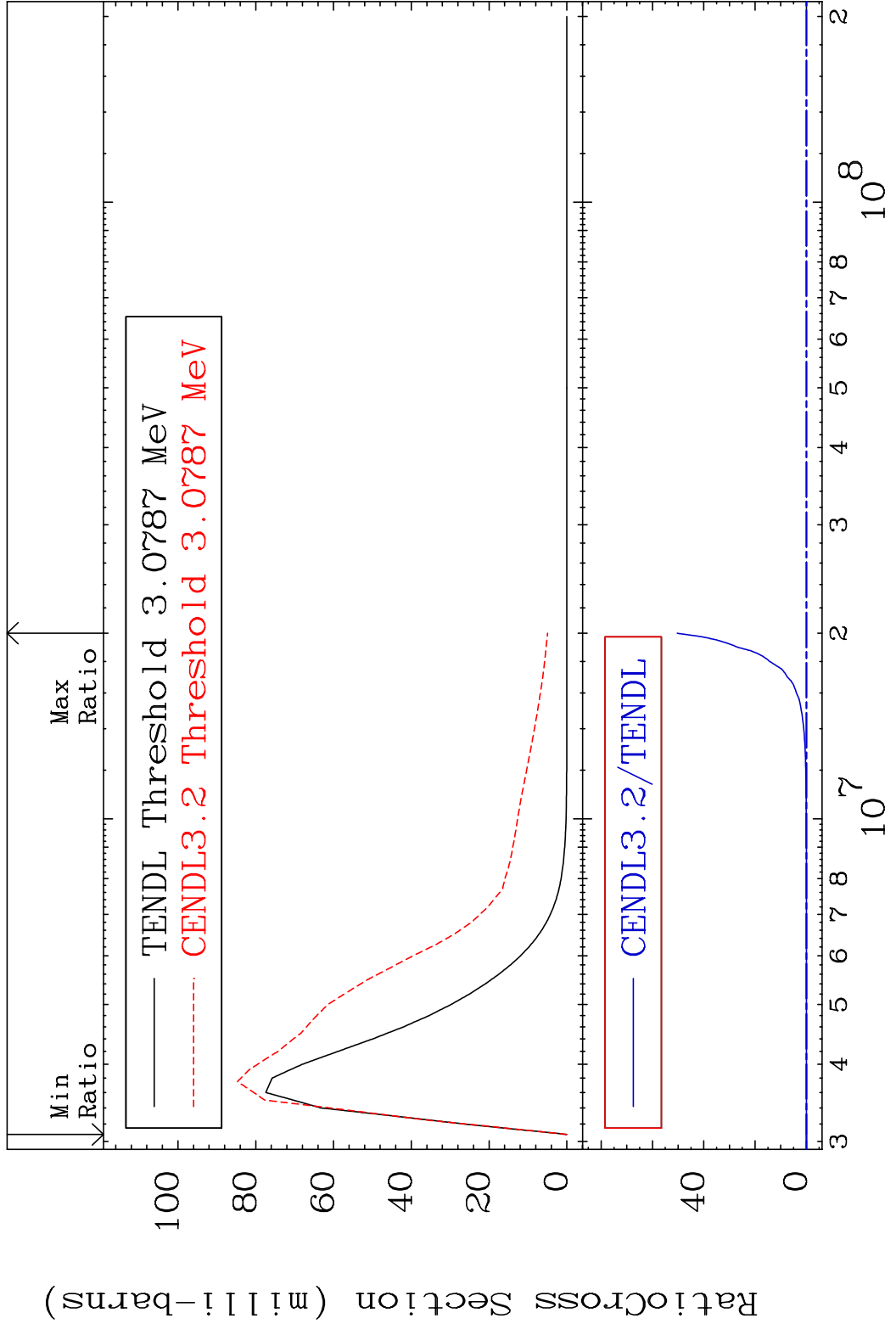


18 36-Kr-84

MAT 3643 MT= 62 (n, n') Level 36-Kr-84
 Cross Section -100.0 To 1887. %



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



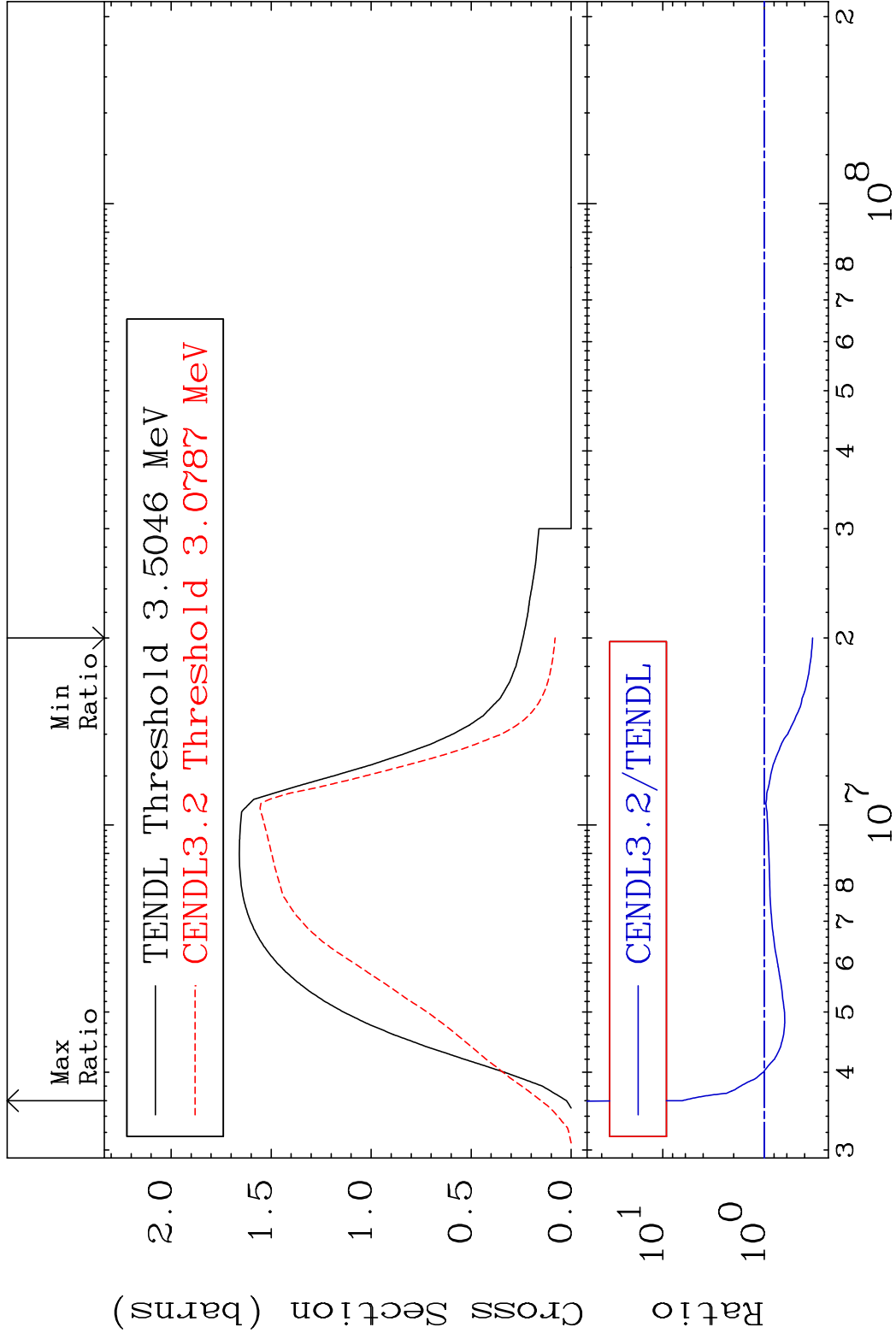
20 3 4 5 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 36-Kr-84

MAT 3643

(n, n') Continuum

36-Kr-84

Cross Section -66.57 To 541.2 %



21

Incident Energy (eV)

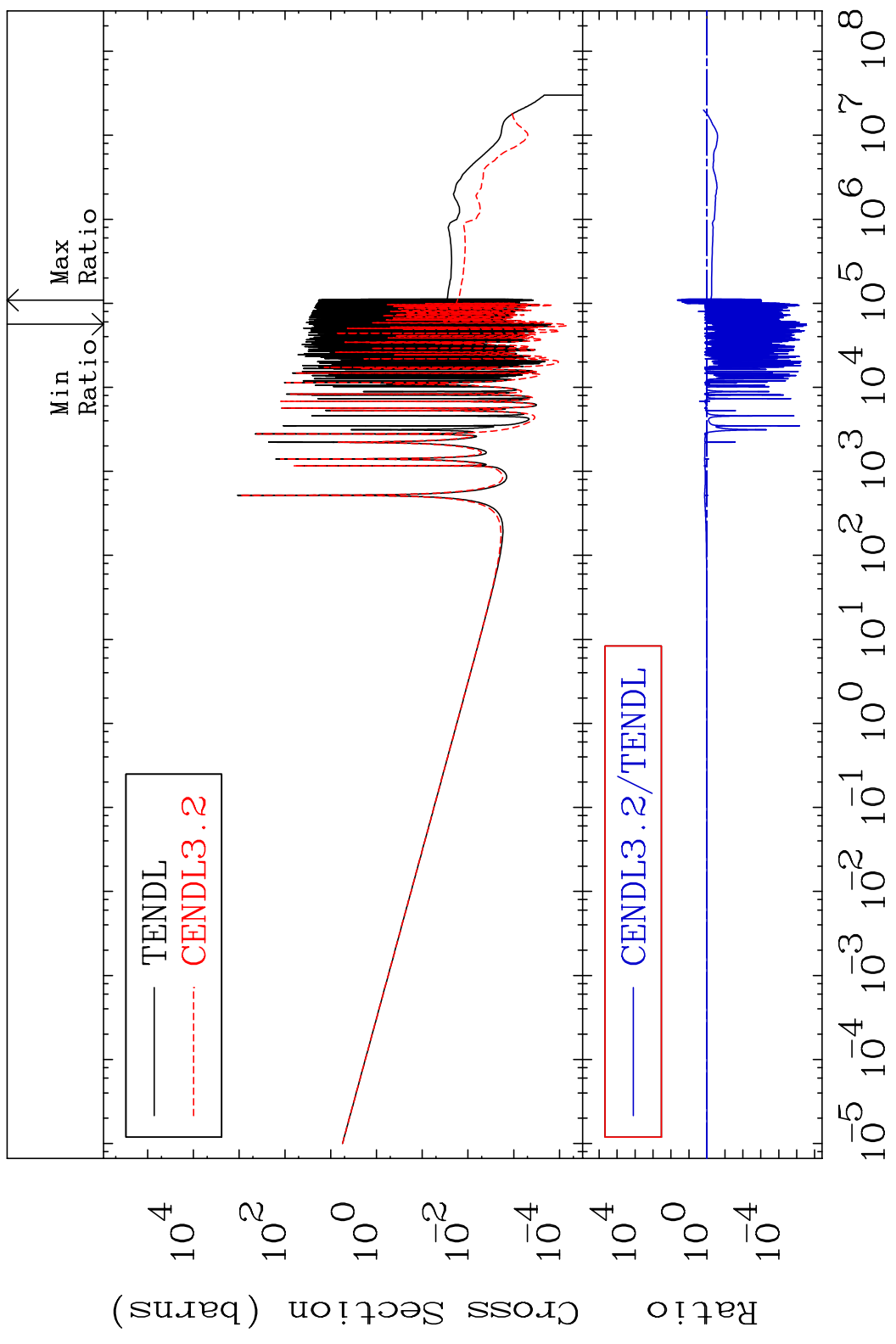
36-Kr-84

MAT 3643

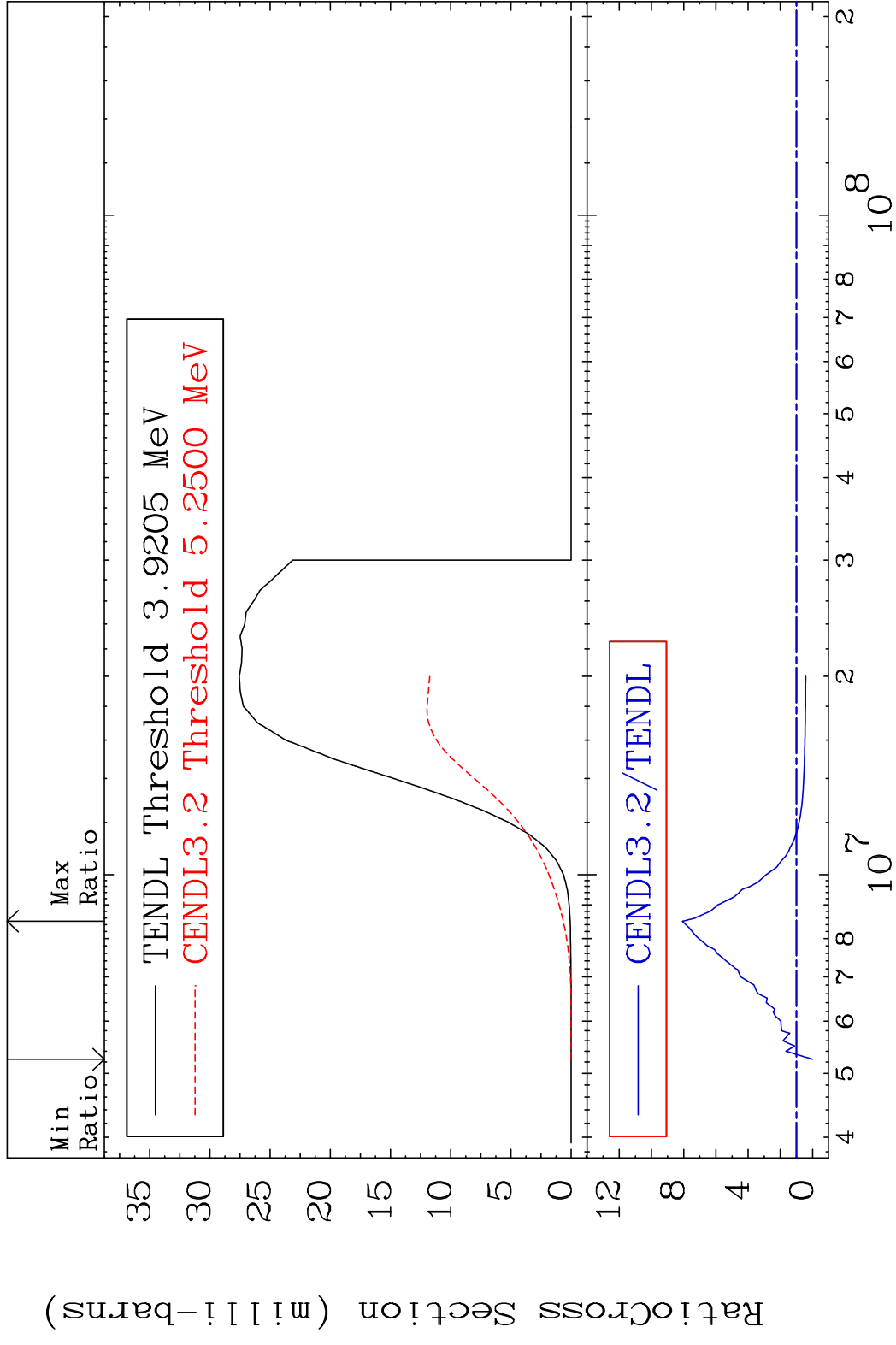
(n, γ)

36-Kr-84

Cross Section -100.0 To 4417. %



MAT 3643 (n,p) 36-Kr-84
 Cross Section -100.0 To 708.1 %

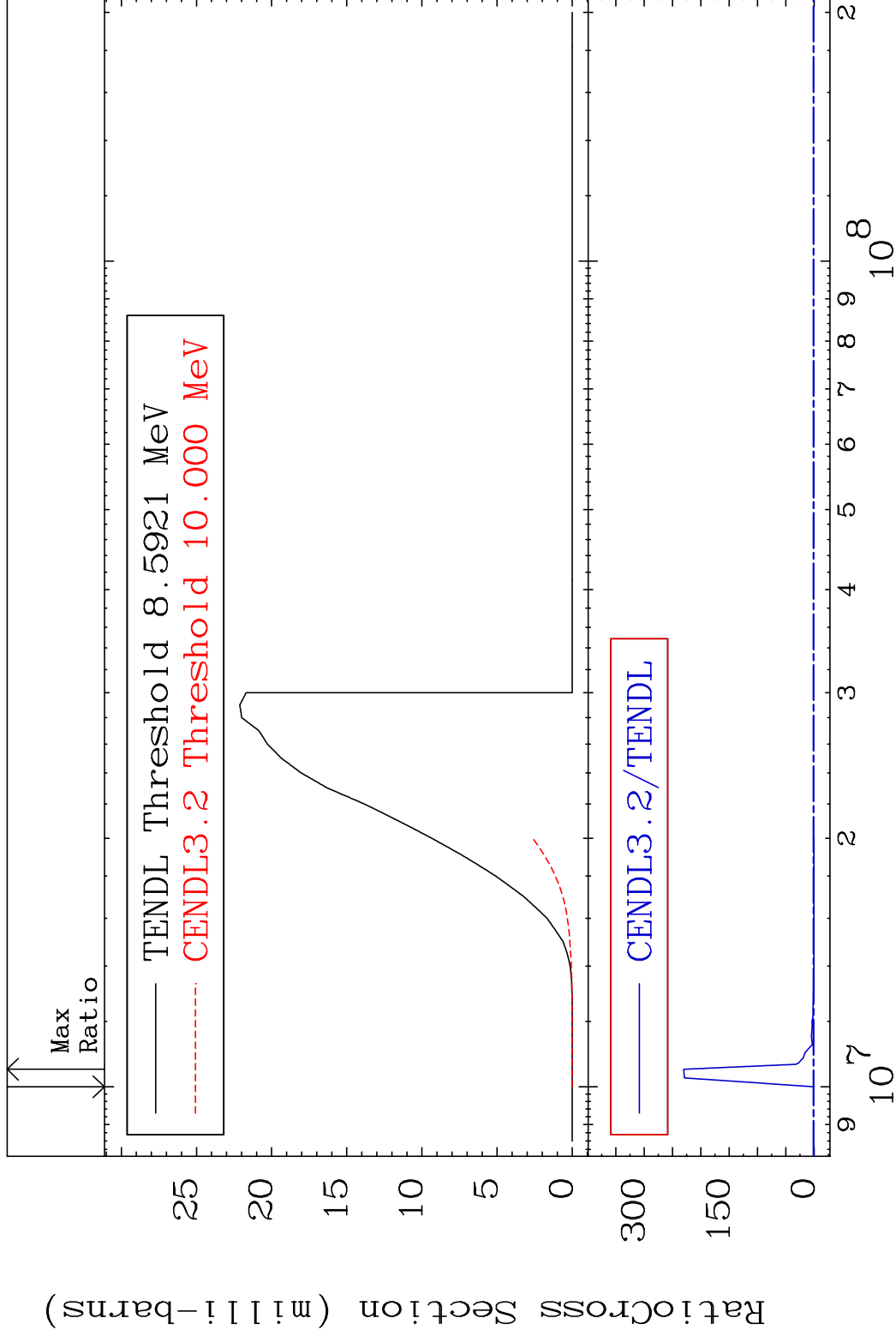


MAT 3643

(n,d)

36-Kr-84

Cross Section -100.0 To 9999. %

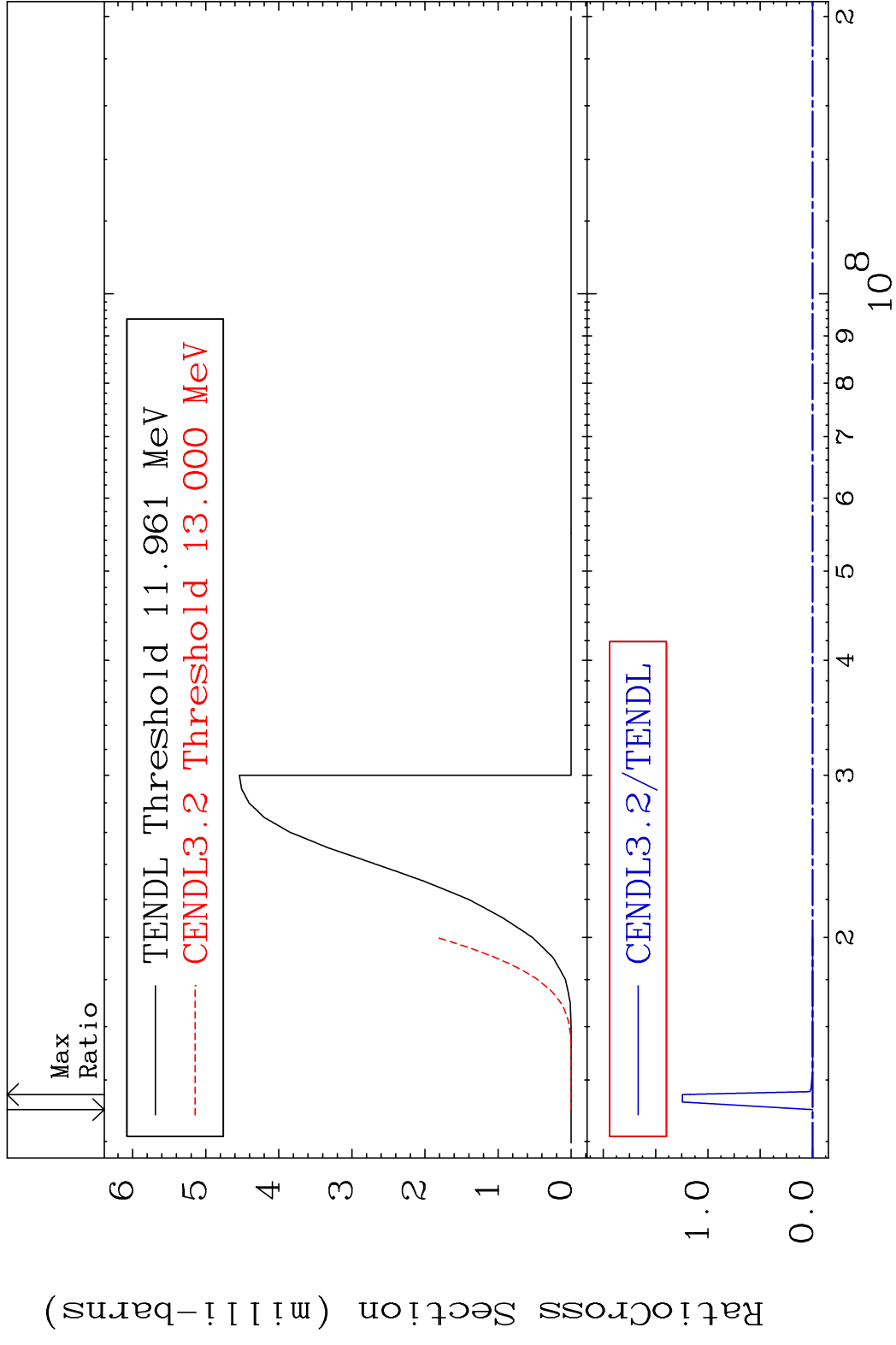


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Incident Energy (eV)

36-Kr-84

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

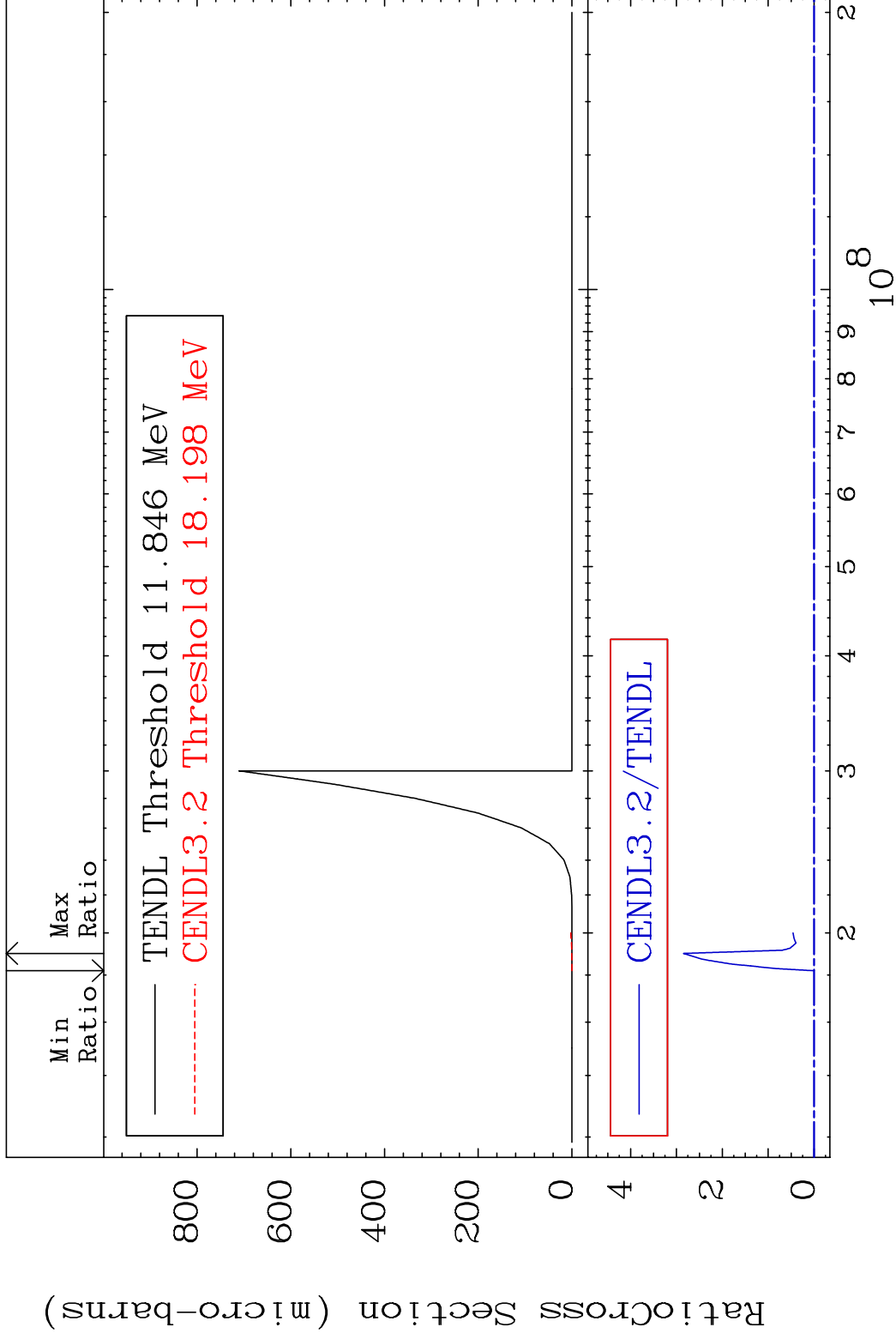


MAT 3643

(n, He-3)

36-Kr-84

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

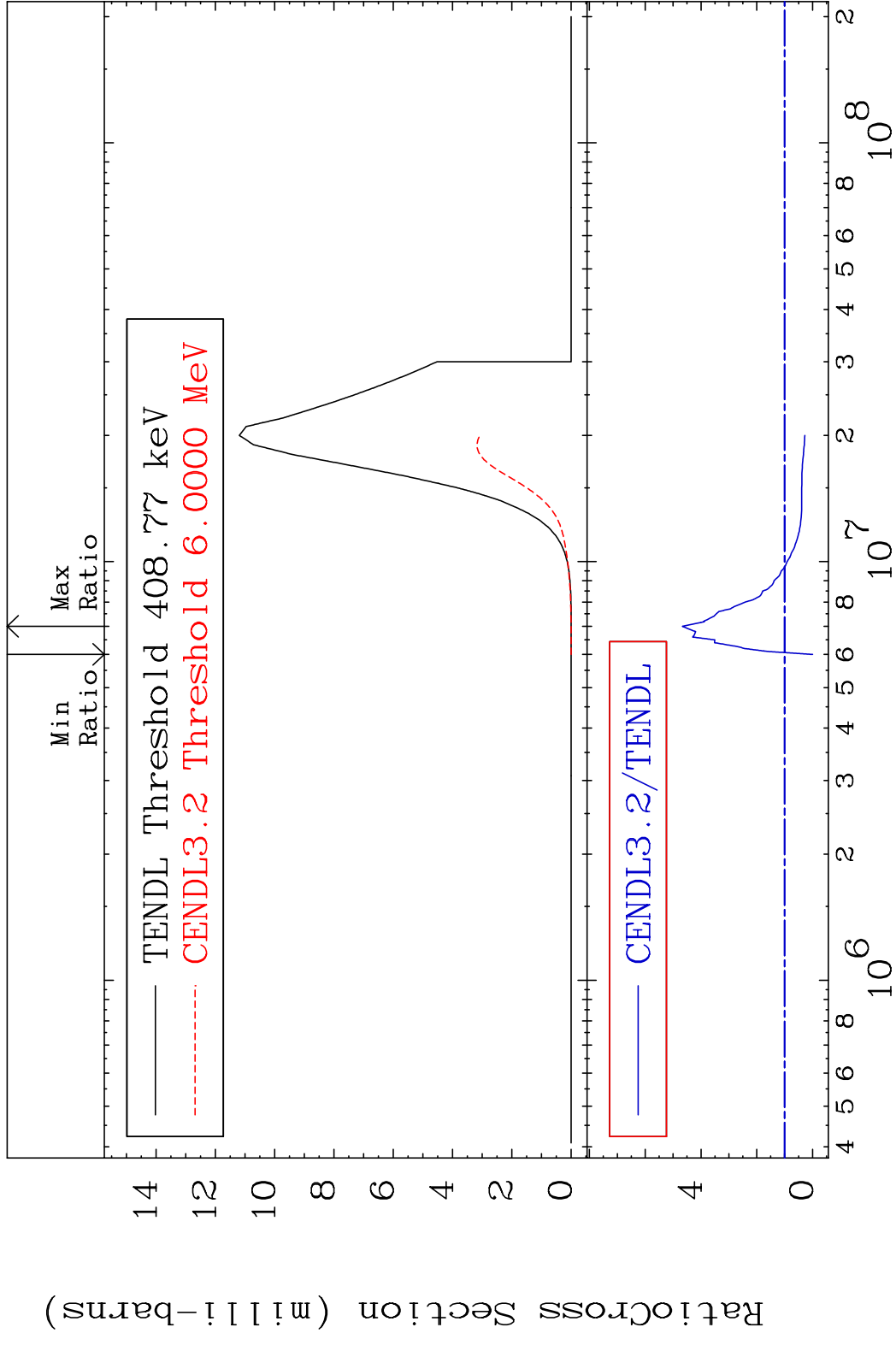
36-Kr-84

MAT 3643

36-Kr-84

(n, α)

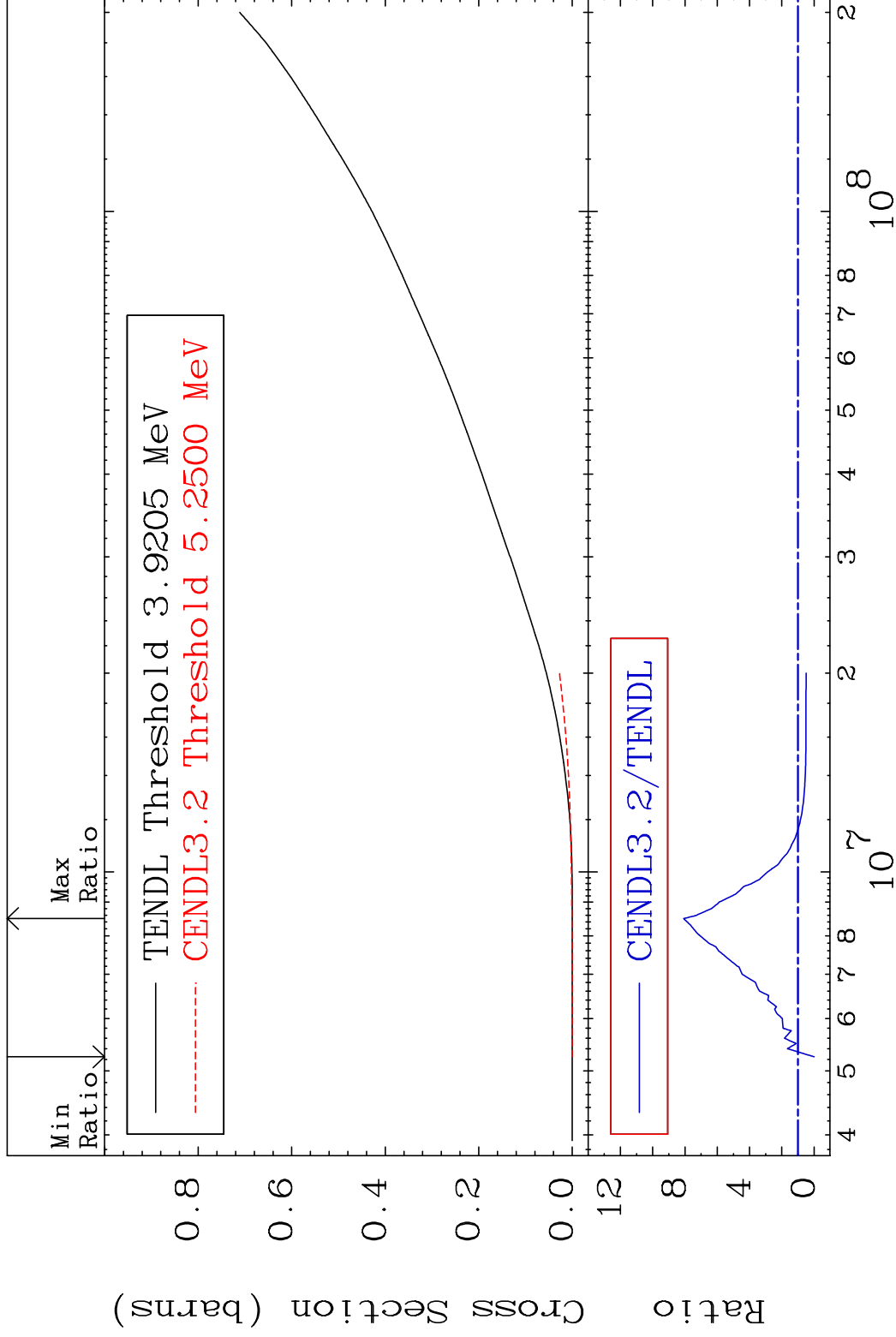
Cross Section -100.0 To 366.8 %



MAT 3643

Hydrogen Production 36-Kr-84

Cross Section -100.0 To 708.1 %

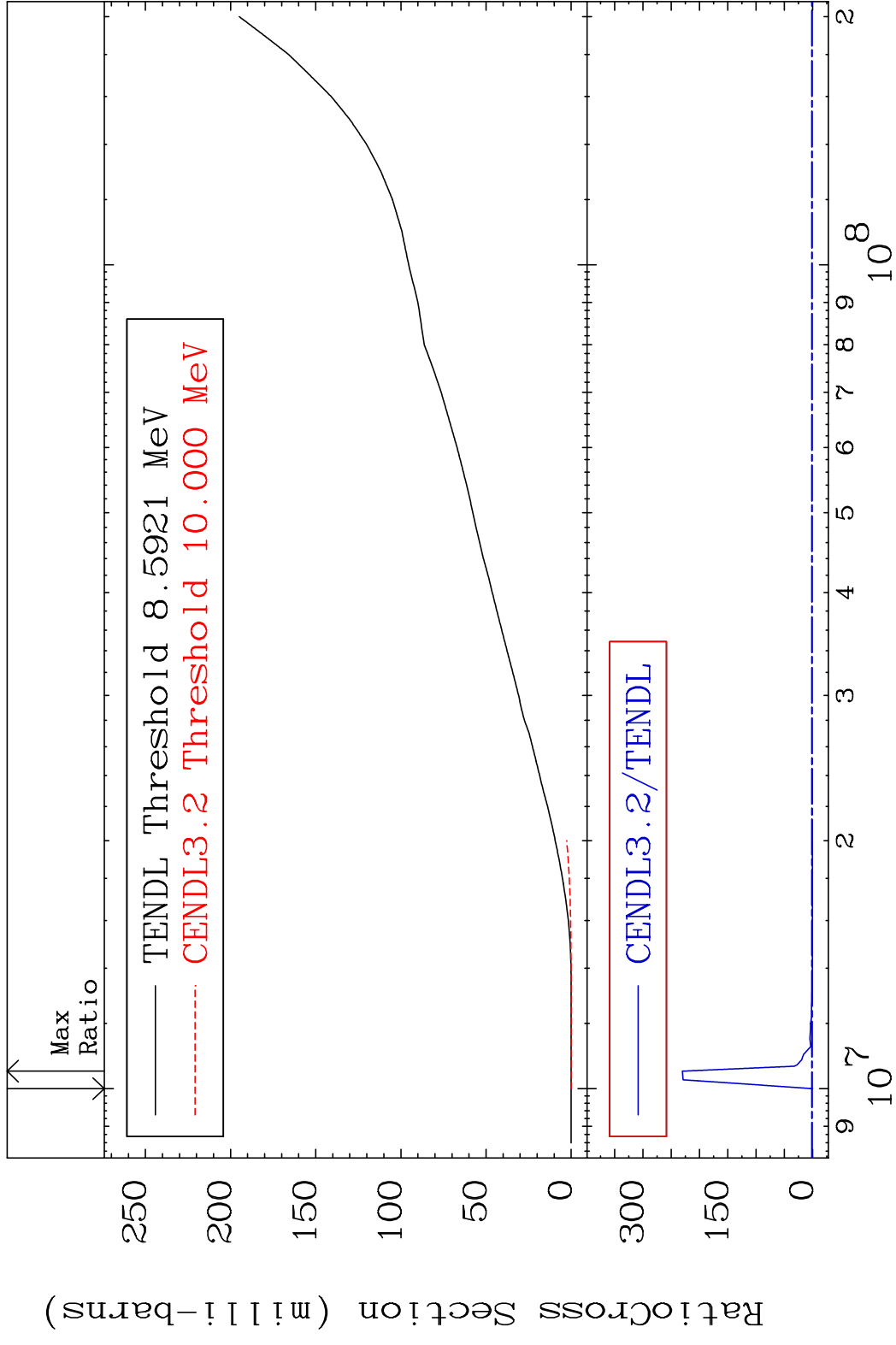


28

Incident Energy (eV)

36-Kr-84

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



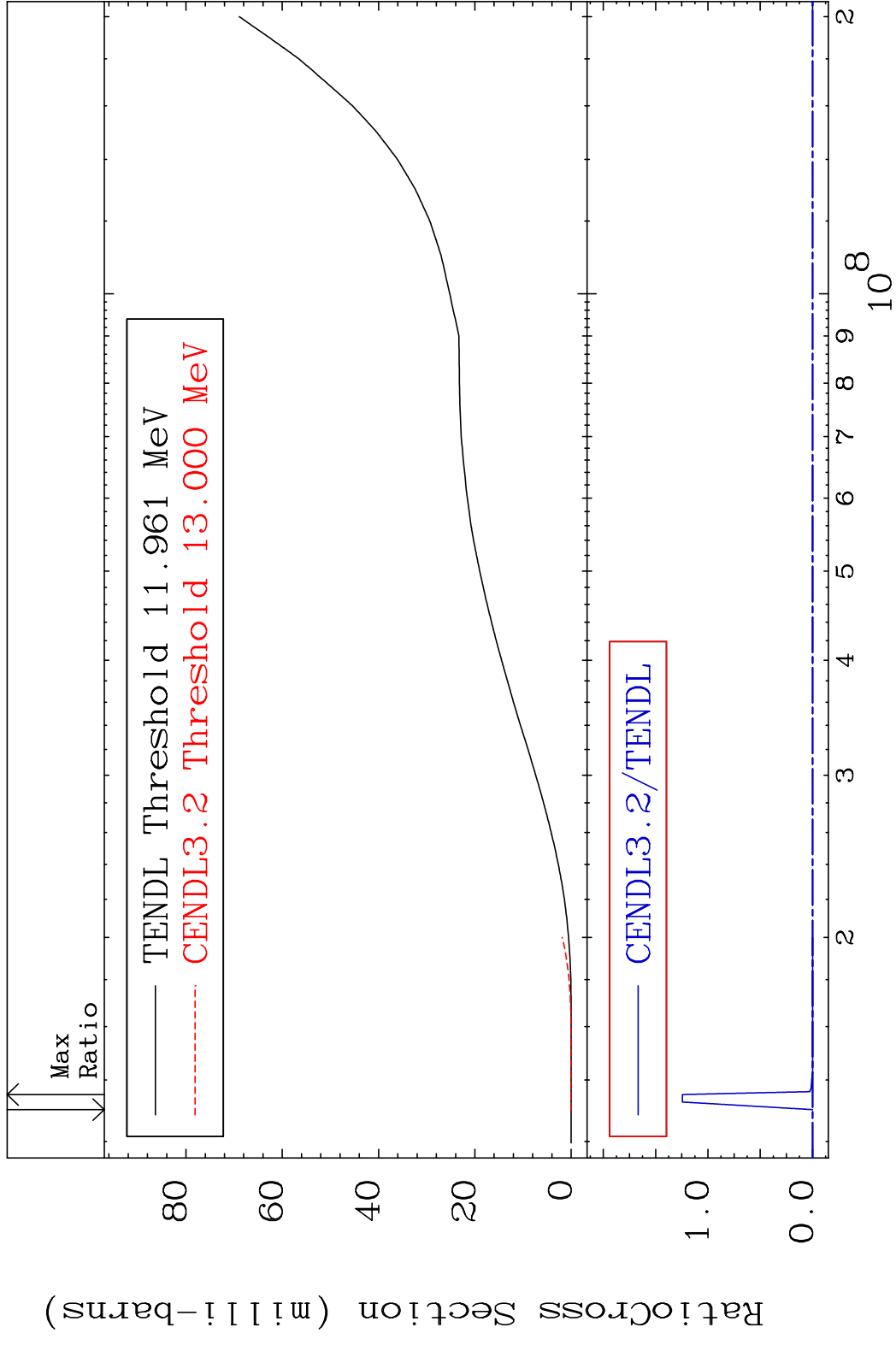
29 Incident Energy (eV) 36-Kr-84

MAT 3643

Tritium Production

³⁶Kr-84

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

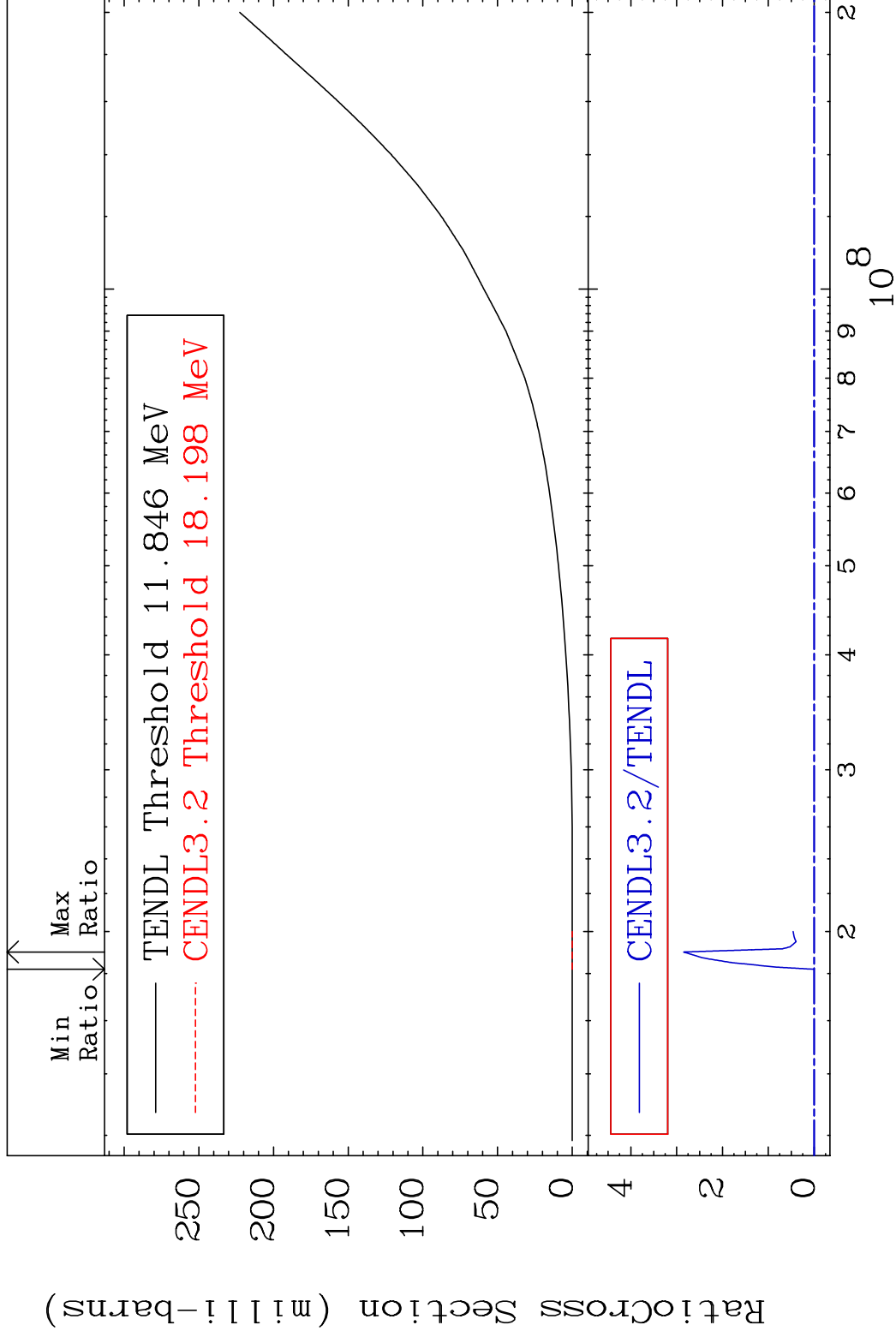
³⁶Kr-84

MAT 3643

He-3 Production

36-Kr-84

Cross Section -100.0 To 9999. %

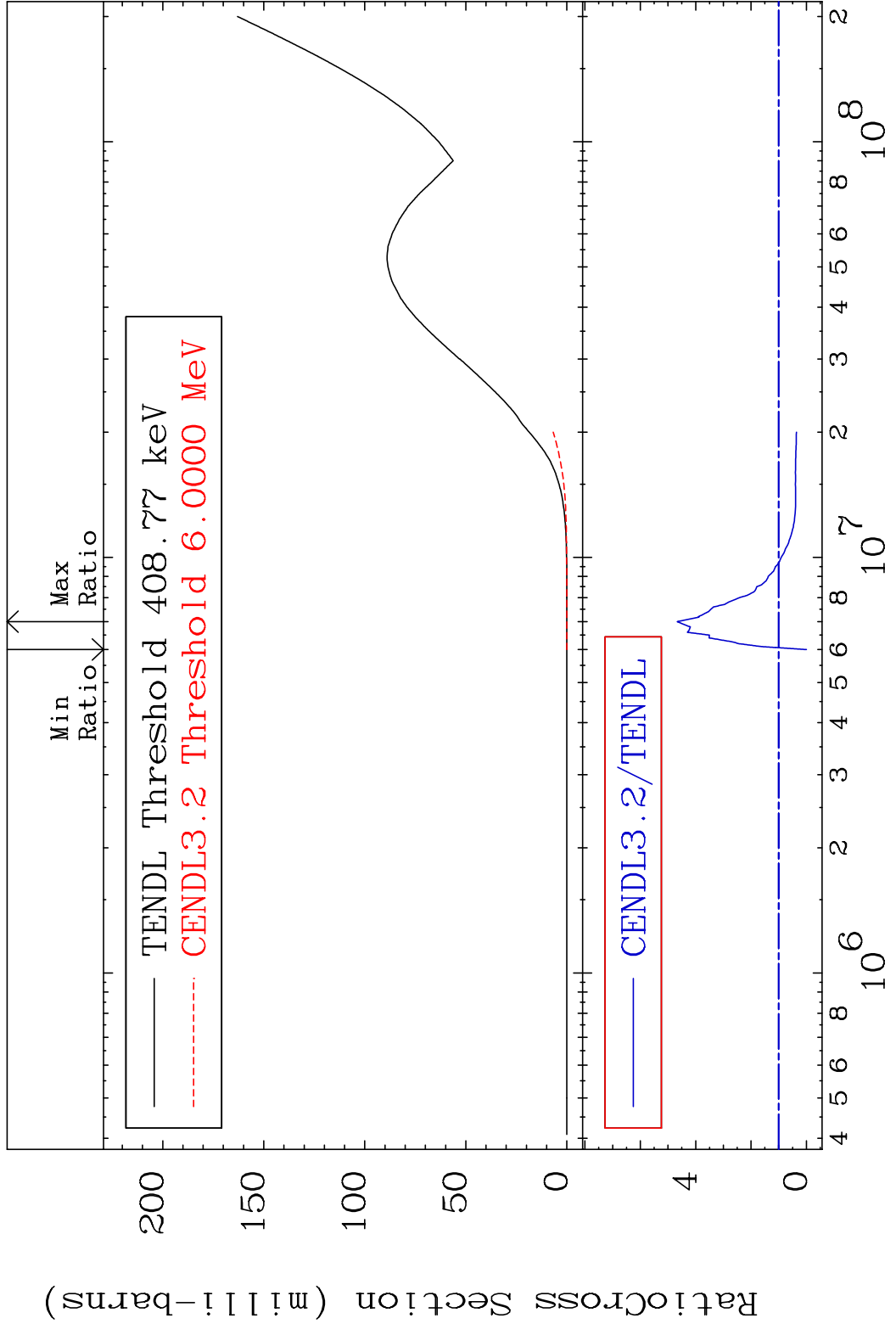


31

Incident Energy (eV)

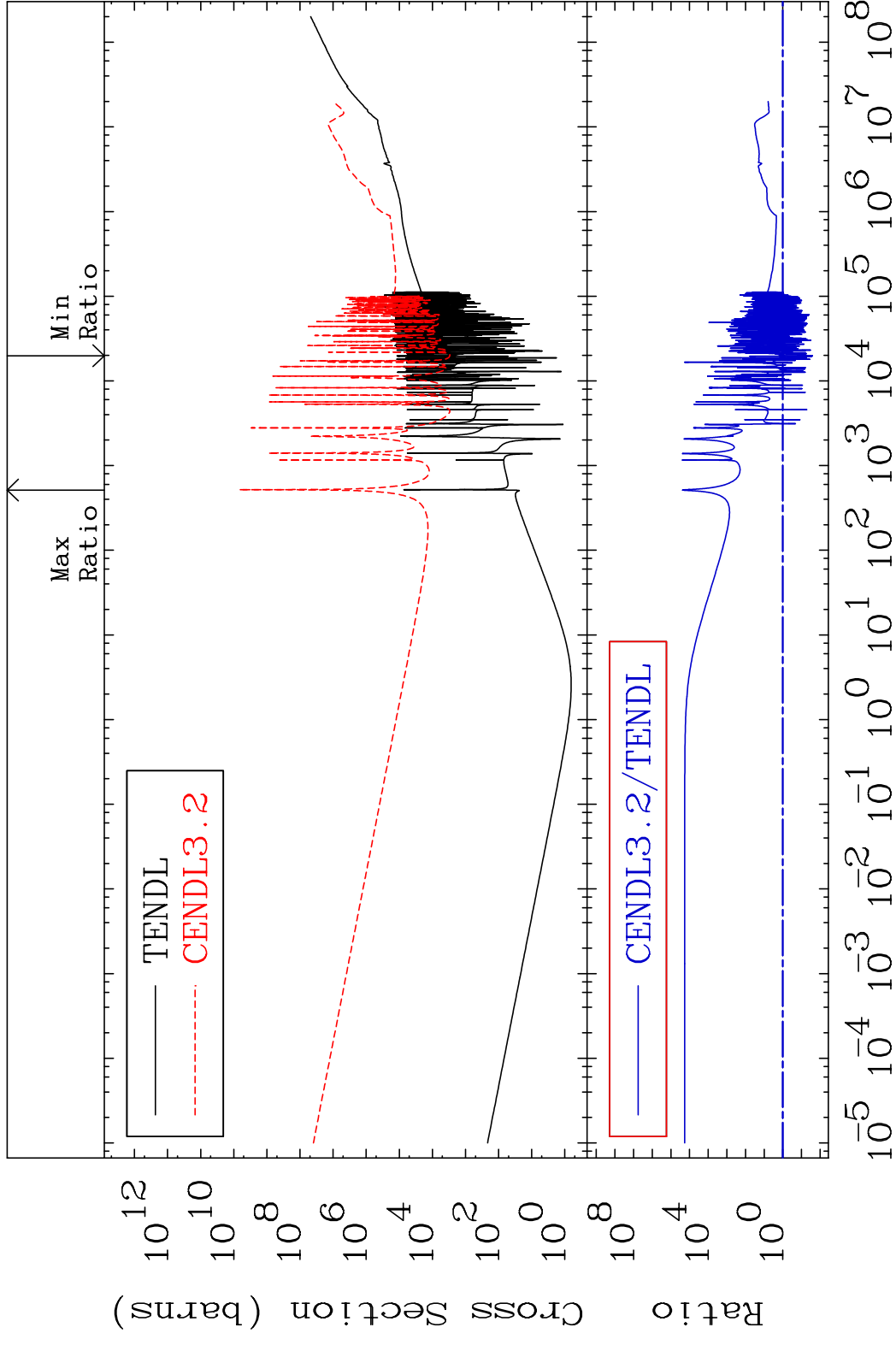
36-Kr-84

MAT 3643 He-4 Production 36-Kr-84
 Cross Section -100.0 To 366.8 %



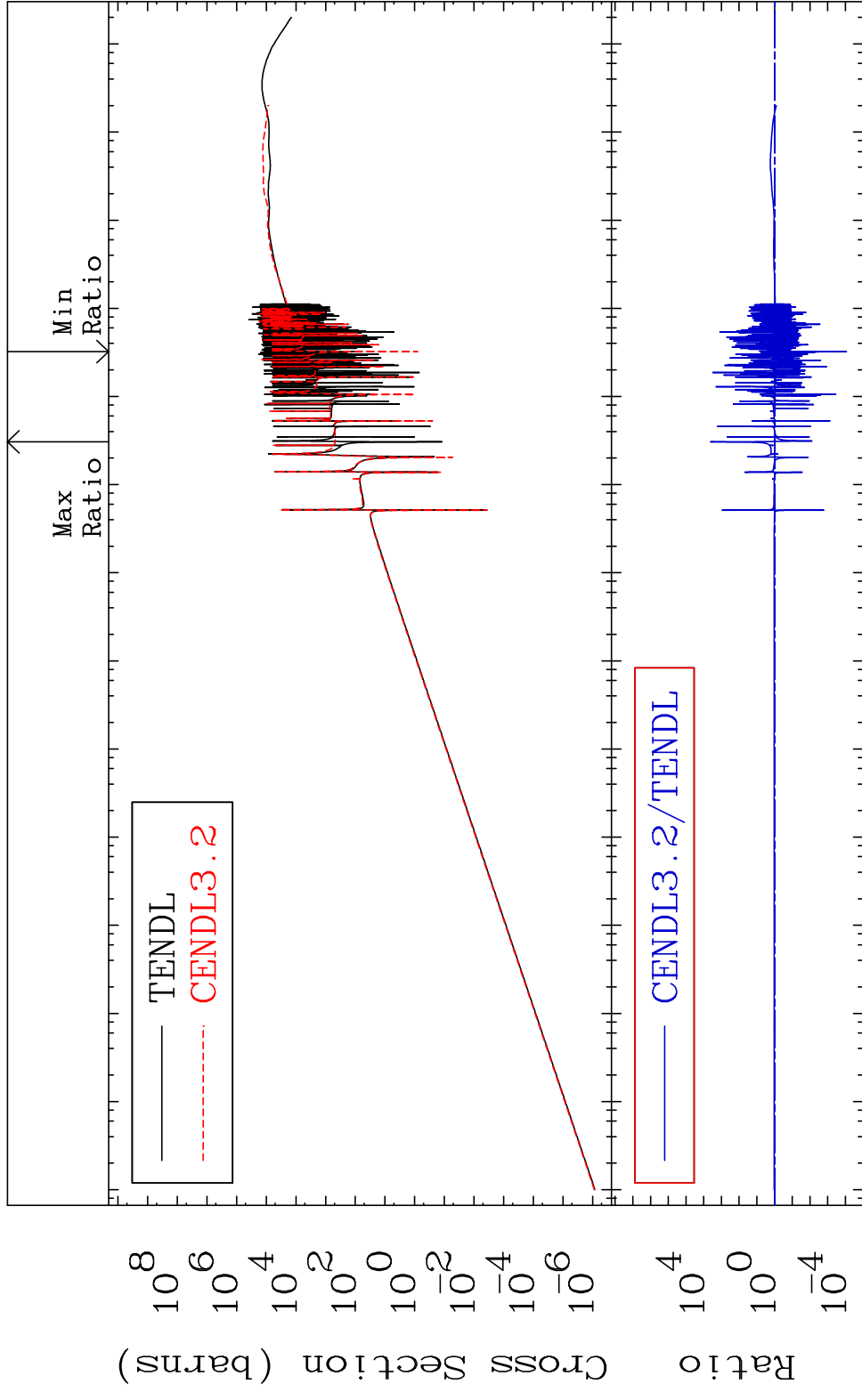
32 Incident Energy (eV) 36-Kr-84

MAT 3643 Kerma total (eV-barns) 36-Kr-84
 Cross Section -97.45 To 9999. %

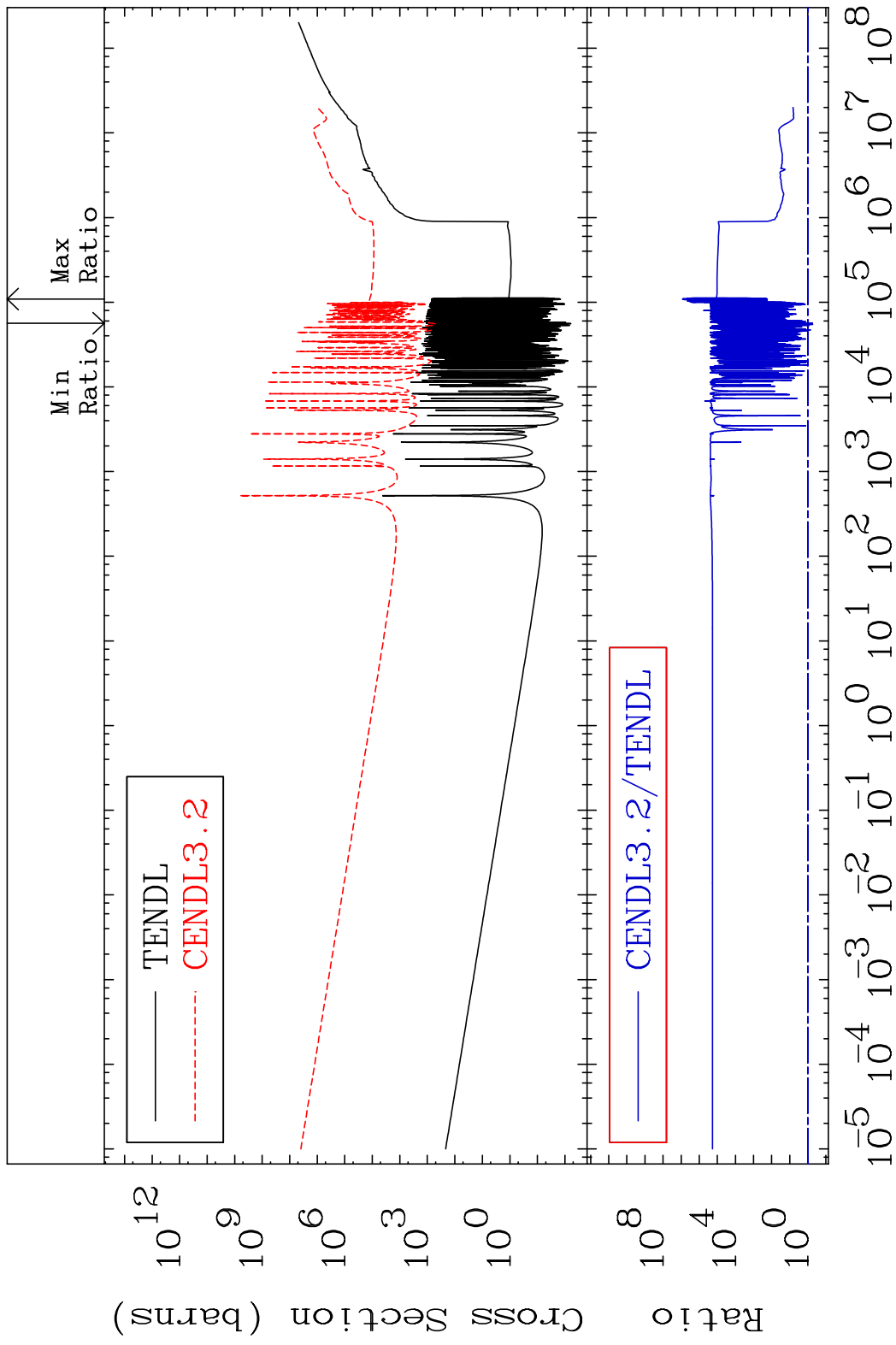


MAT 3643

Kerma elastic Cross Section -99.99 To 9999. %
36-Kr-84

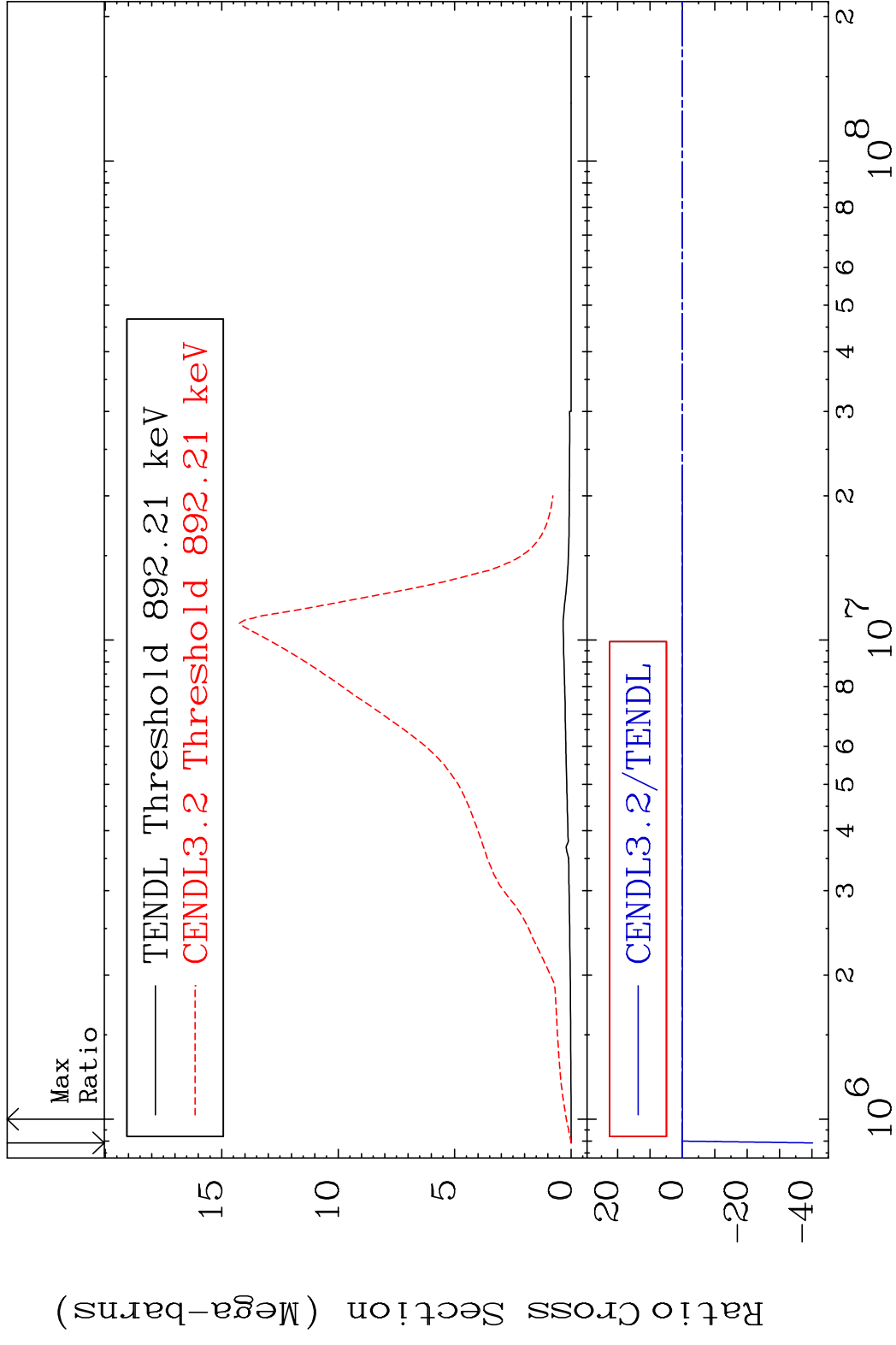


MAT 3643 Kerma non-elastic (all but mt2) 36-Kr-84
 Cross Section -45.36 To 9999. %



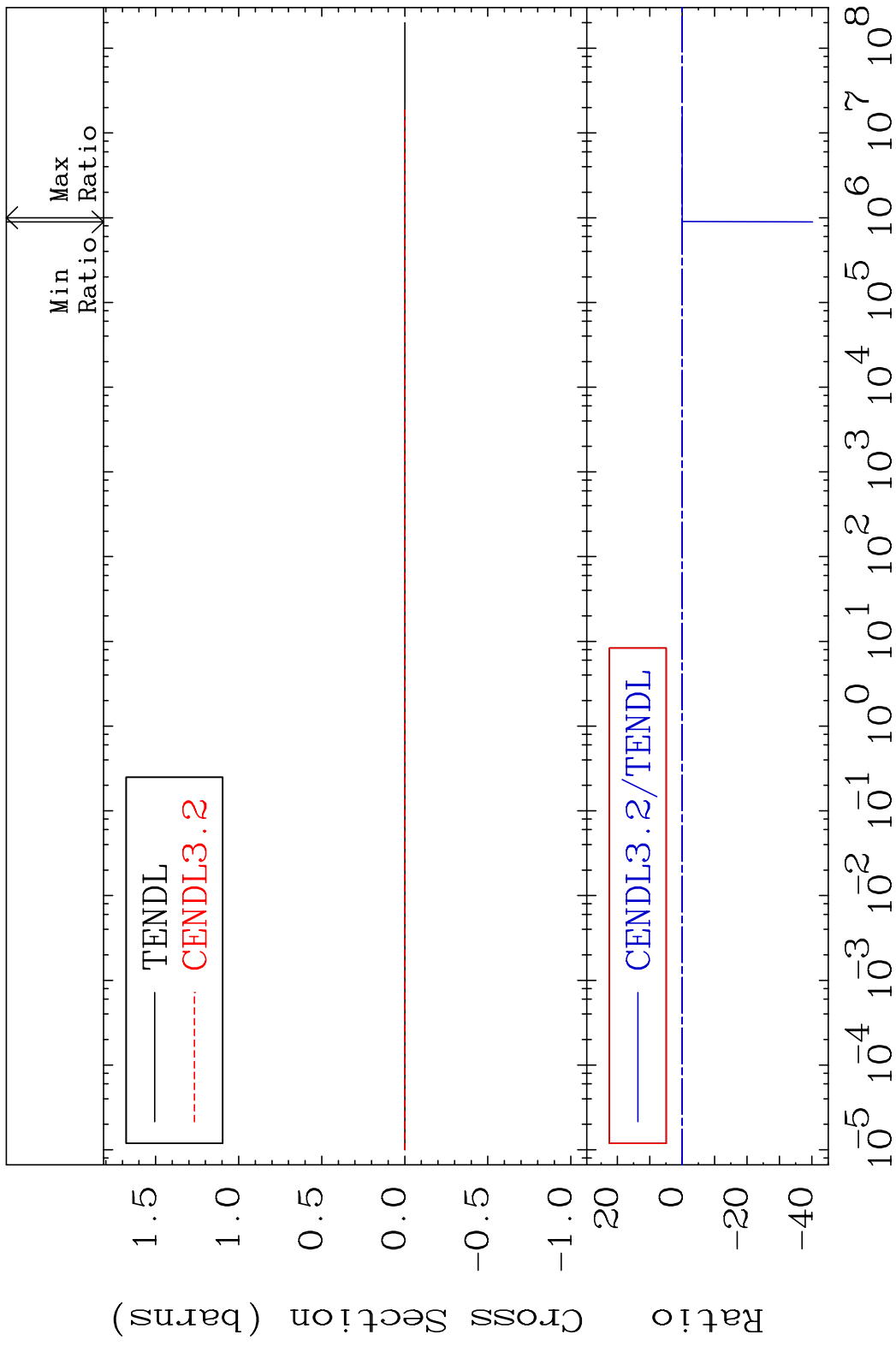
35 Incident Energy (eV) 36-Kr-84

MAT 3643 Kerma inelastic (mt51-91) 36-Kr-84
 Cross Section -9999. To 4620. %

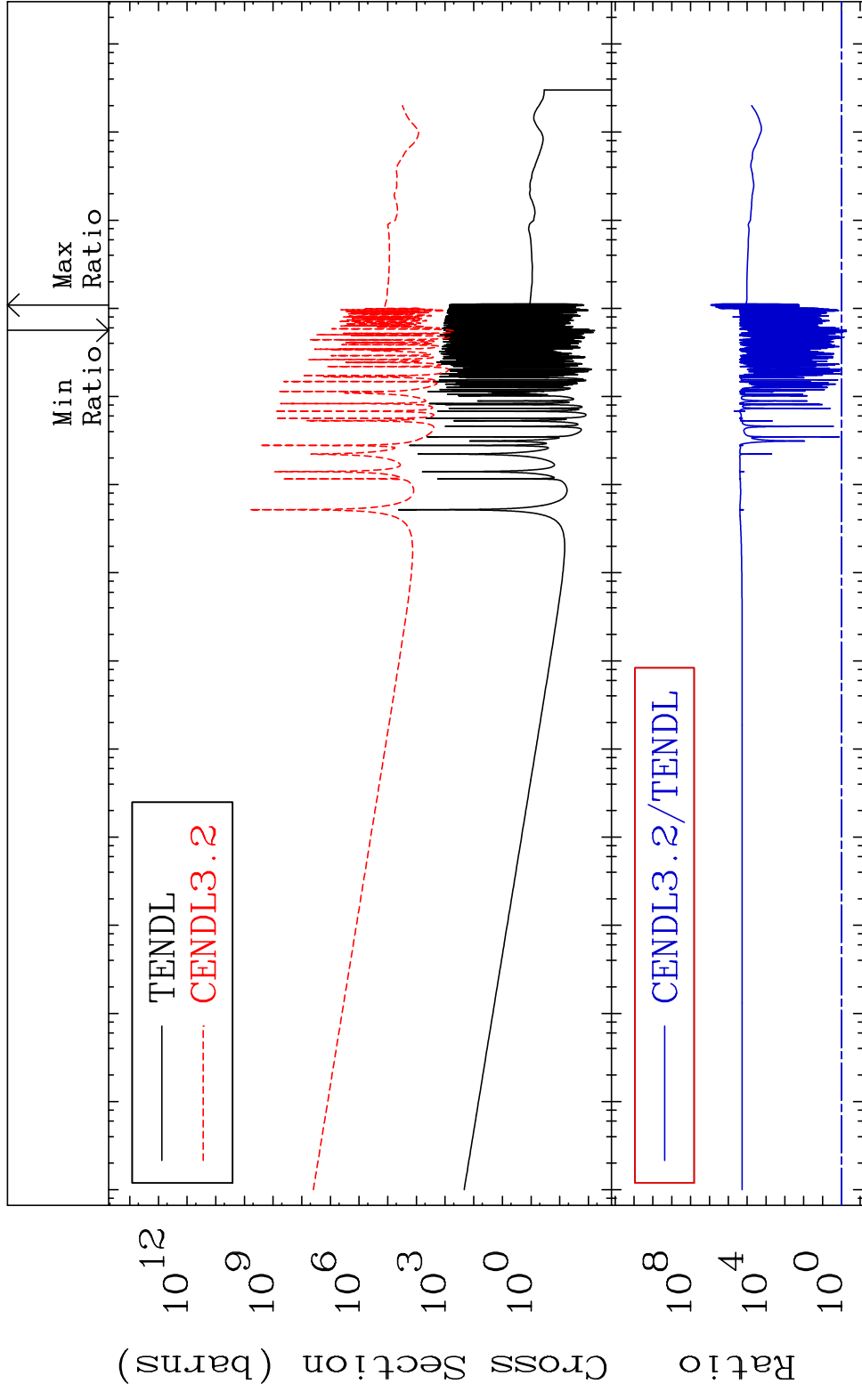


36 Incident Energy (eV) 36-Kr-84

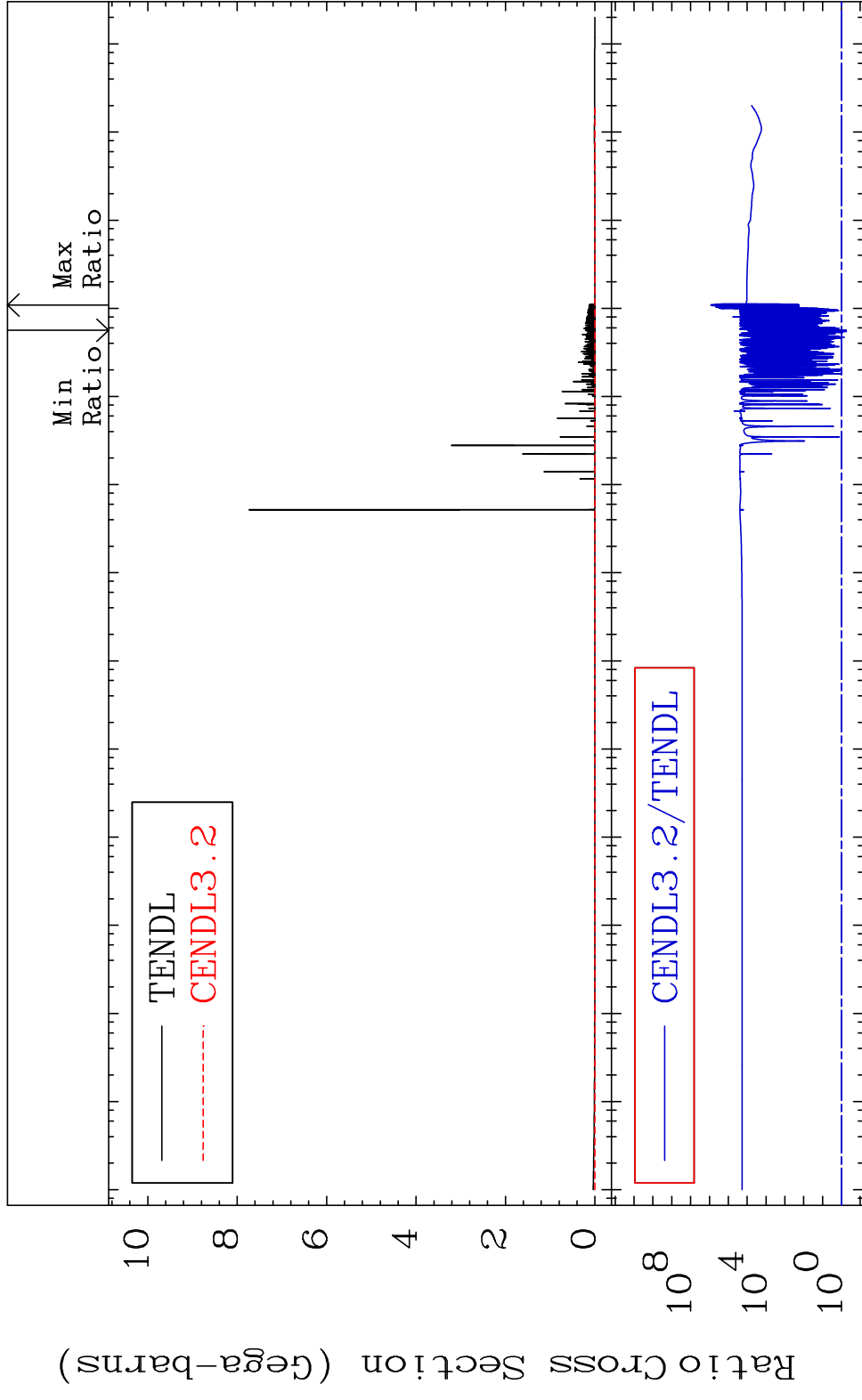
MAT 3643 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-84
 Cross Section -9999. To 4620. %



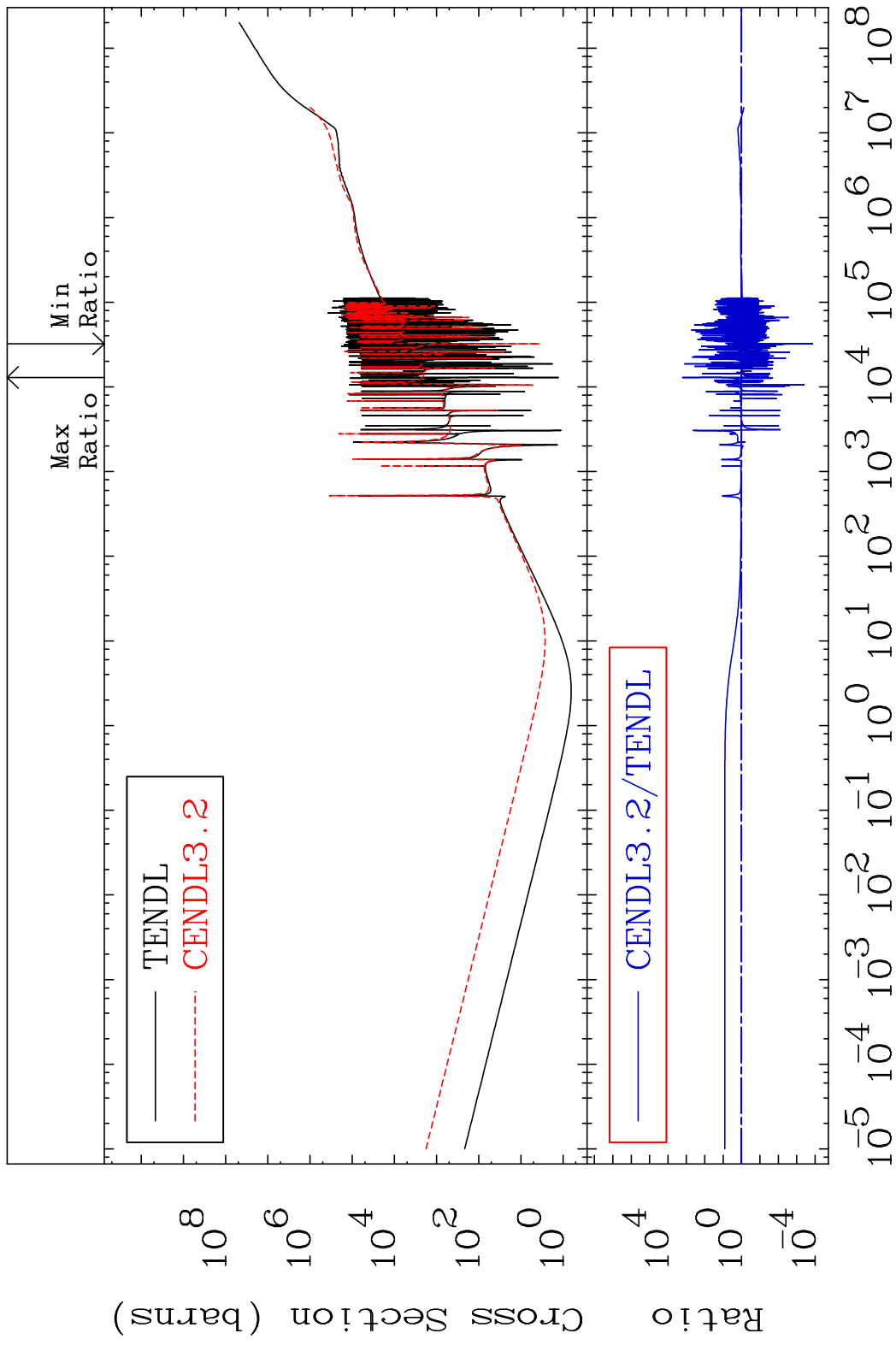
MAT 3643 Kerma capture (mt102) 36-Kr-84
 Cross Section -45.36 To 9999. %



MAT 3643 Total photon (eV-barns) 36-Kr-84
 Cross Section -45.36 To 9999. %

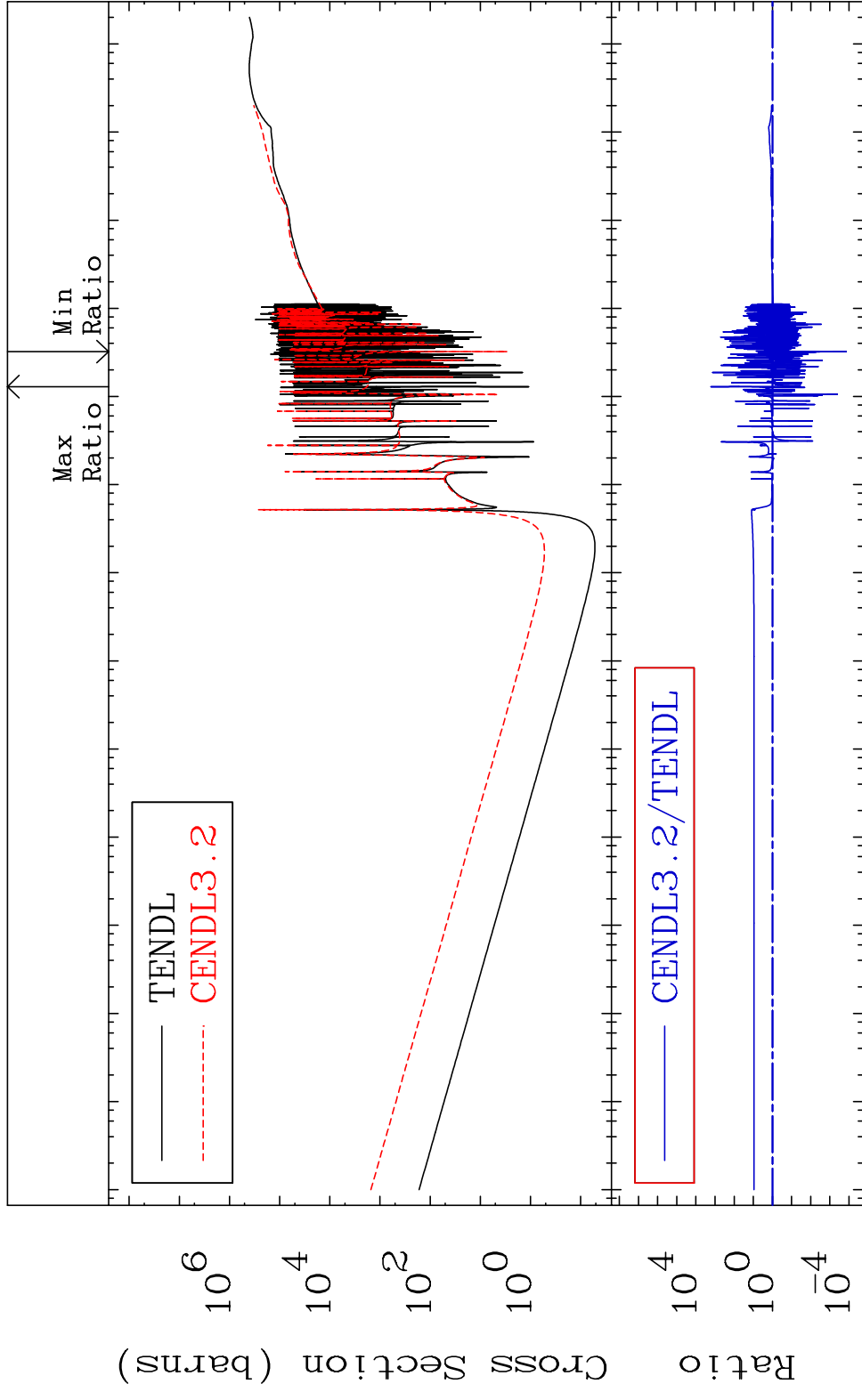


MAT 3643 Total kinematic kerma (high limit) 36-Kr-84
Cross Section -99.99 To 9999. %



40 Incident Energy (eV) 36-Kr-84

MAT 3643 Dpa total (eV-barns) 36-Kr-84
 Cross Section -99.99 To 9999. %

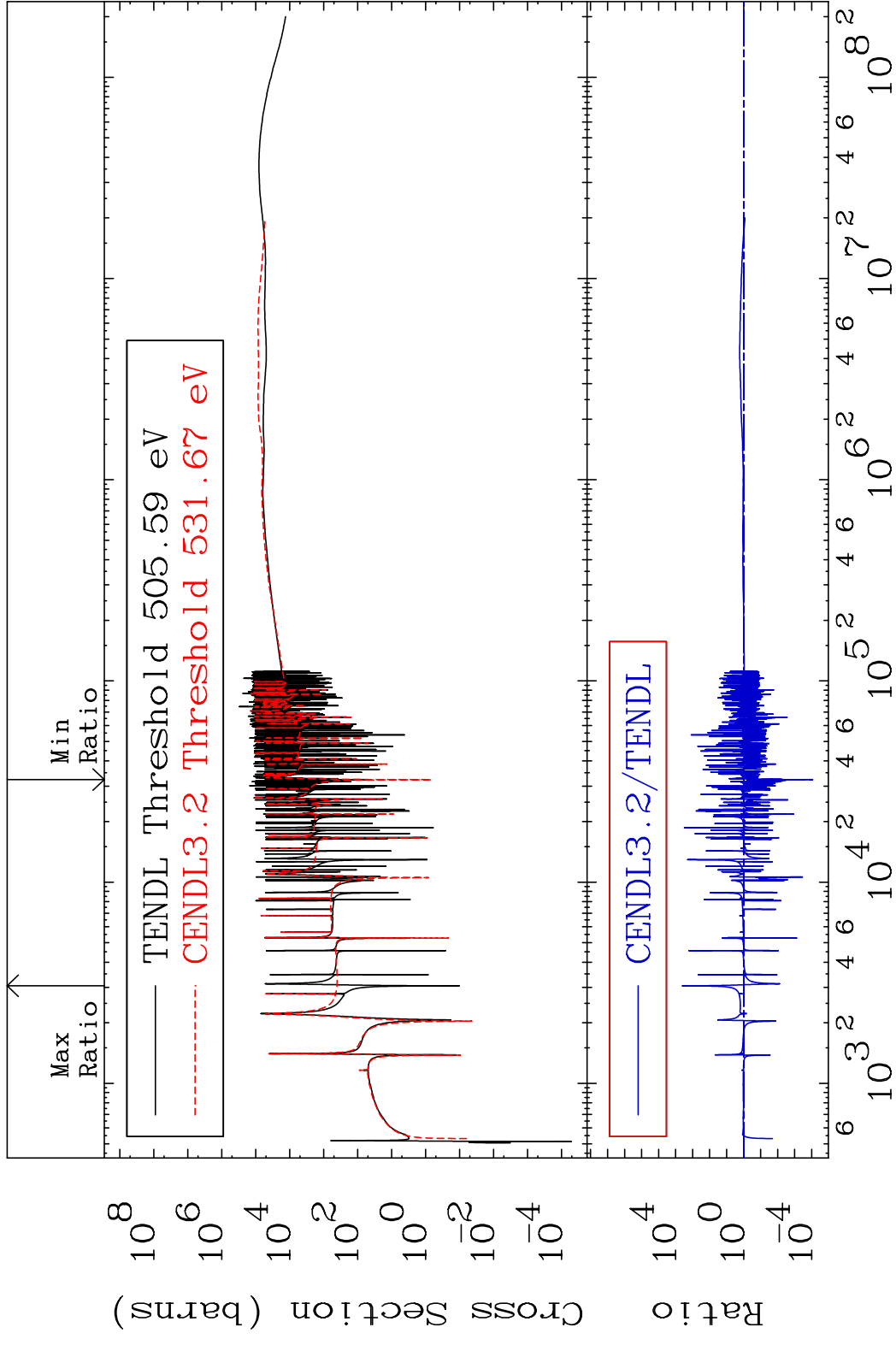


MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -99.99 To 9999. %

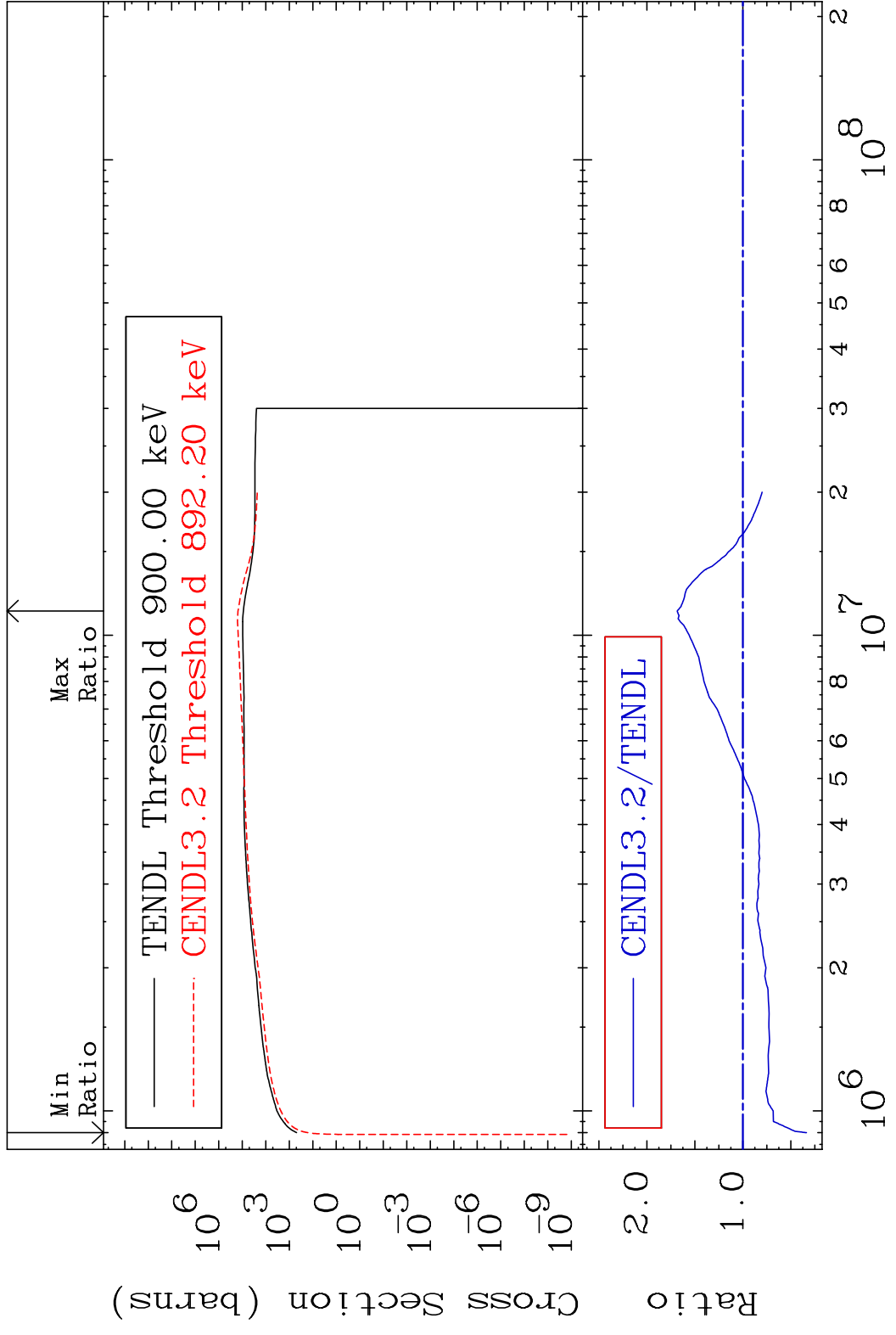


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Incident Energy (eV)

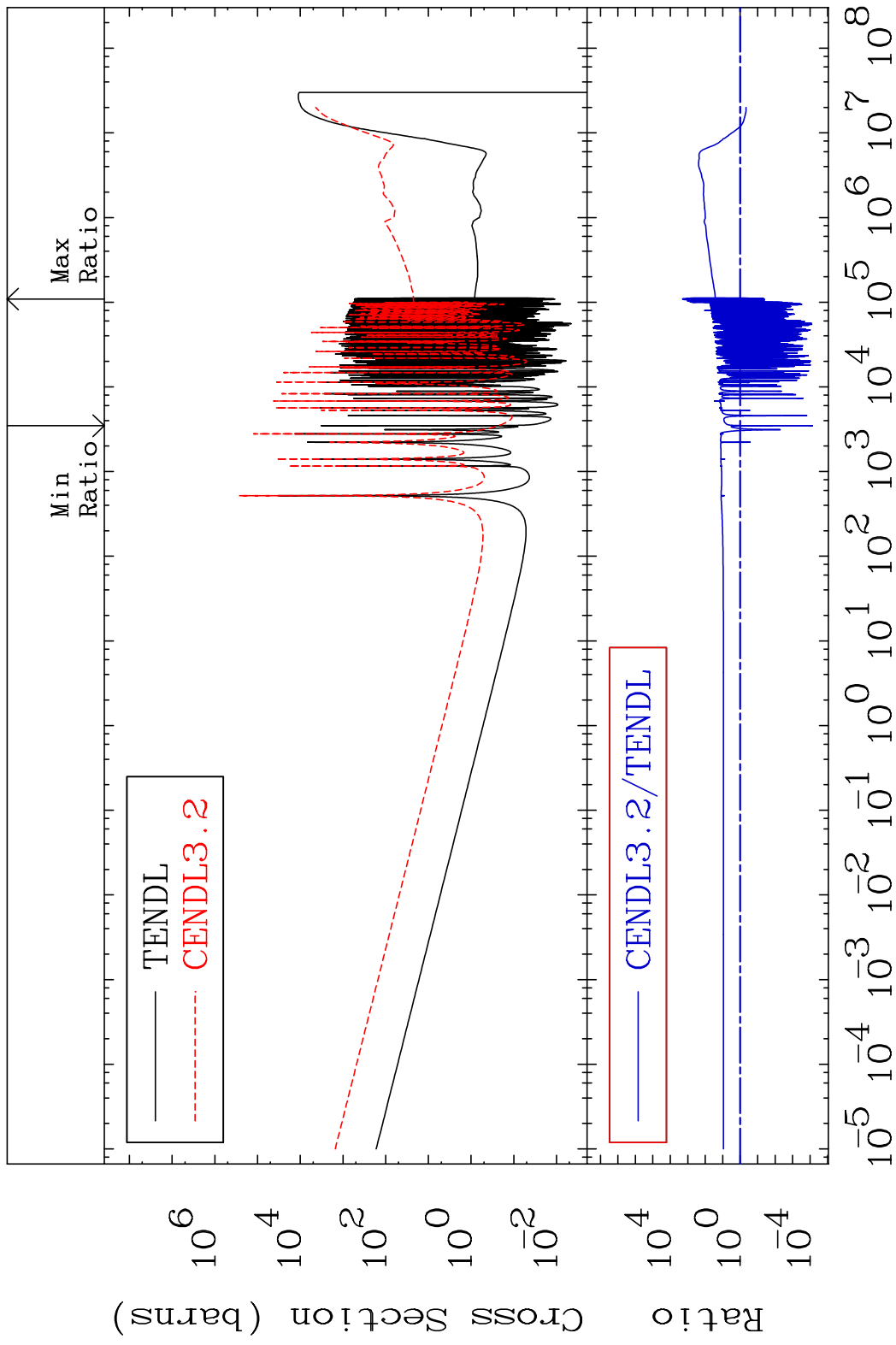
36-Kr-84

MAT 3643 Dpa inelastic (mt51-91) 36-Kr-84
 Cross Section -66.13 To 68.52 %



43 Incident Energy (eV) 36-Kr-84

MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -99.99 To 9999. %

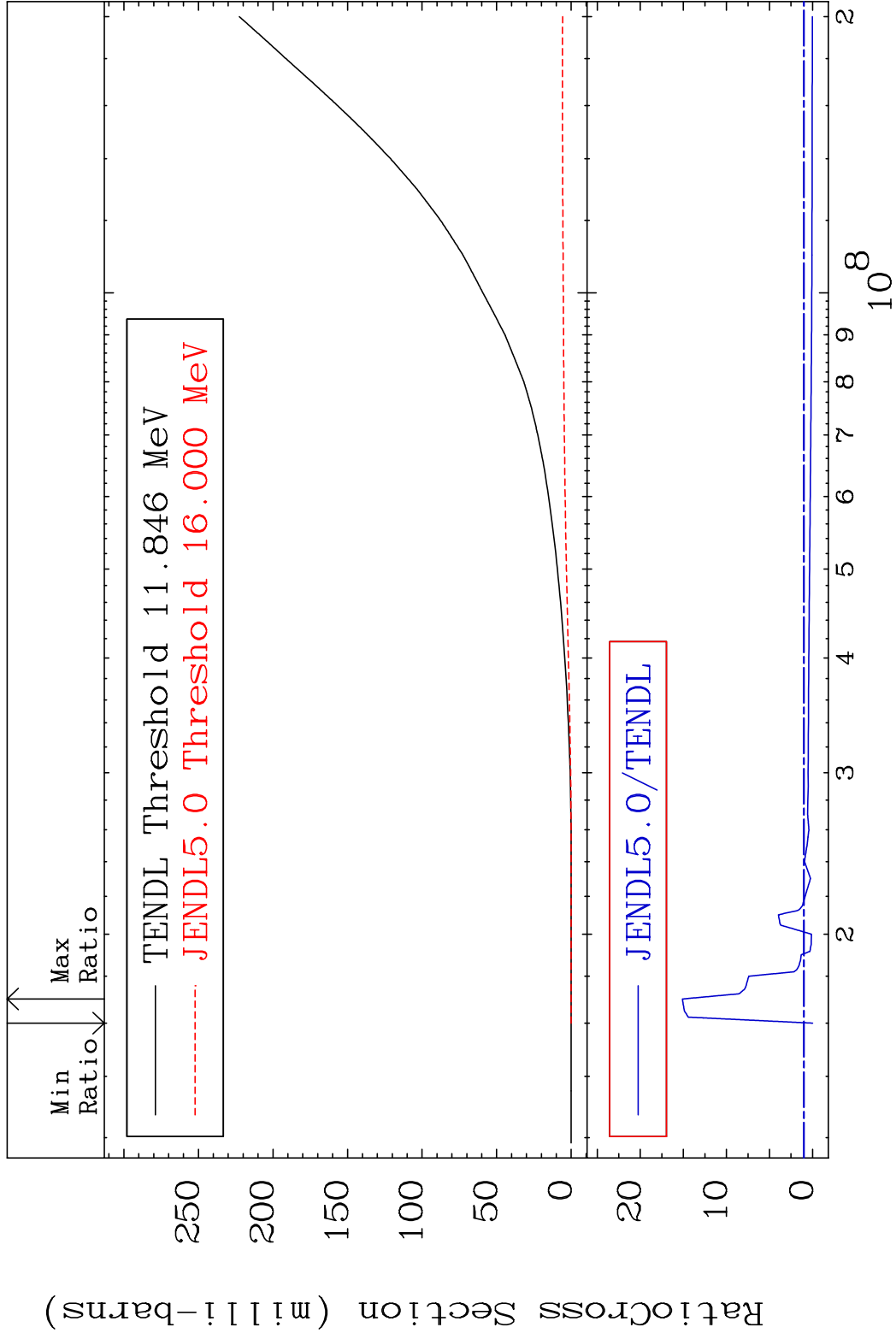


MAT 3643

He-3 Production

36-Kr-84

Cross Section -100.0 To 1412. %



45

Incident Energy (eV)

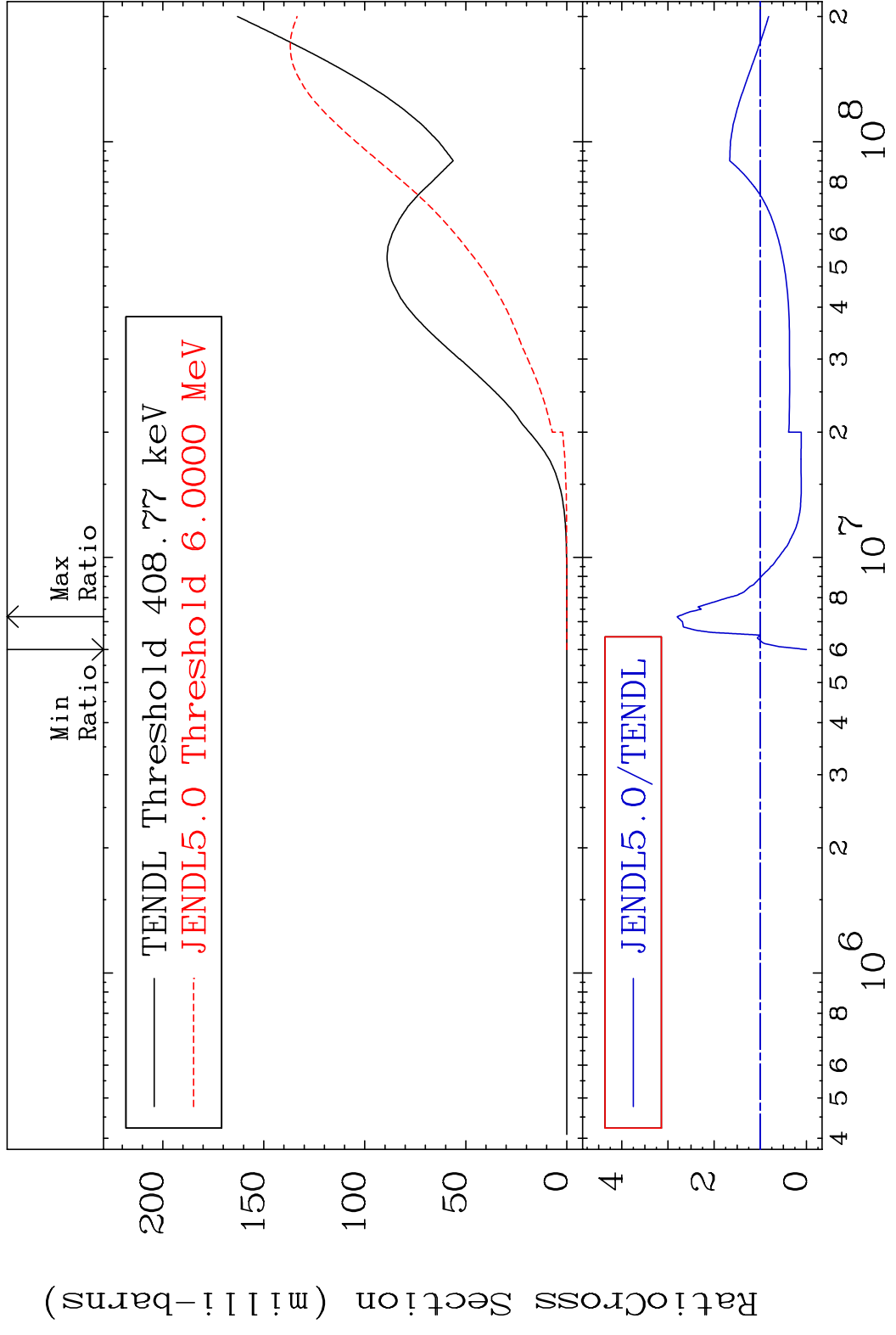
36-Kr-84

MAT 3643

He-4 Production

36-Kr-84

Cross Section -100.0 To 179.9 %

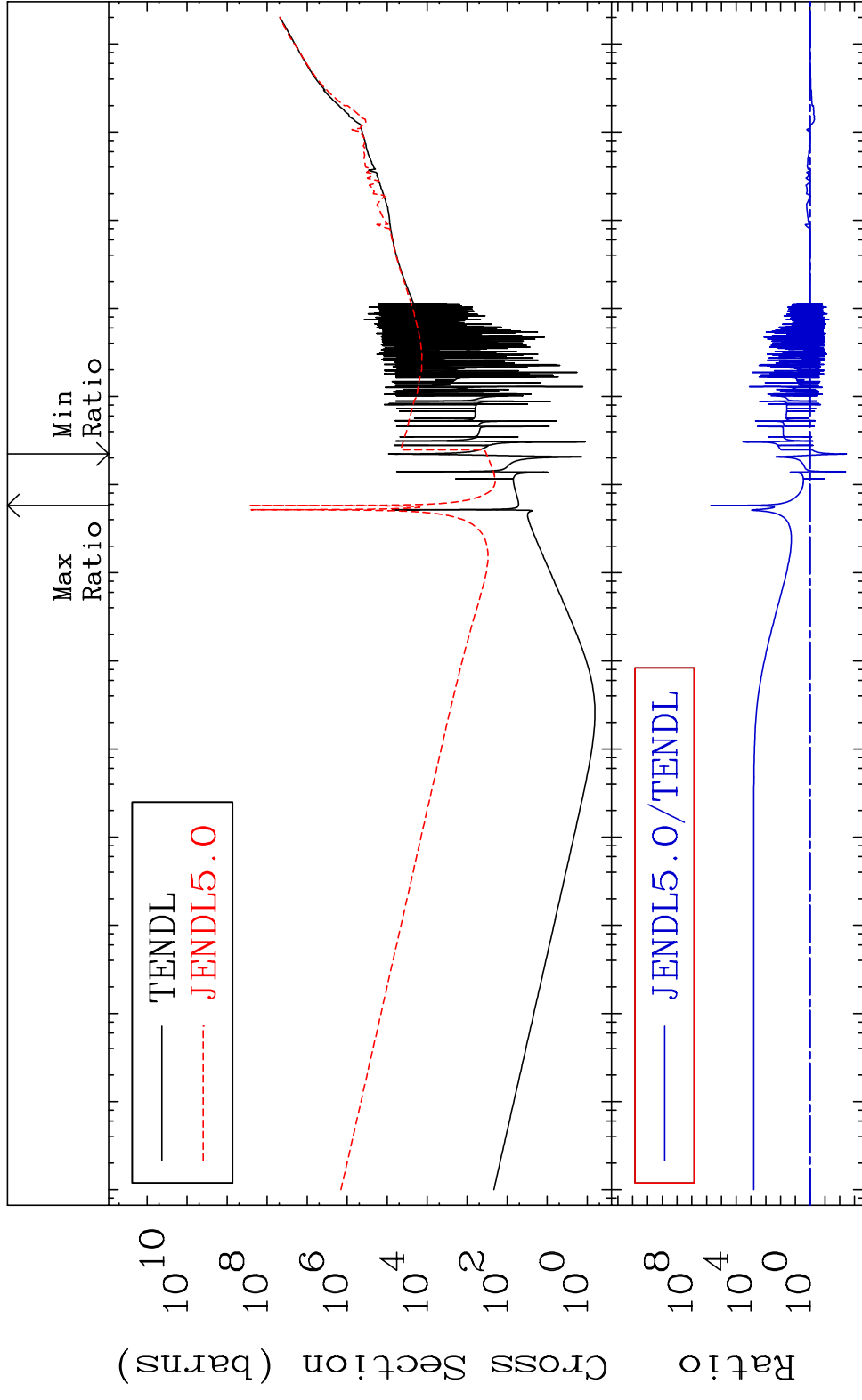


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Incident Energy (eV)

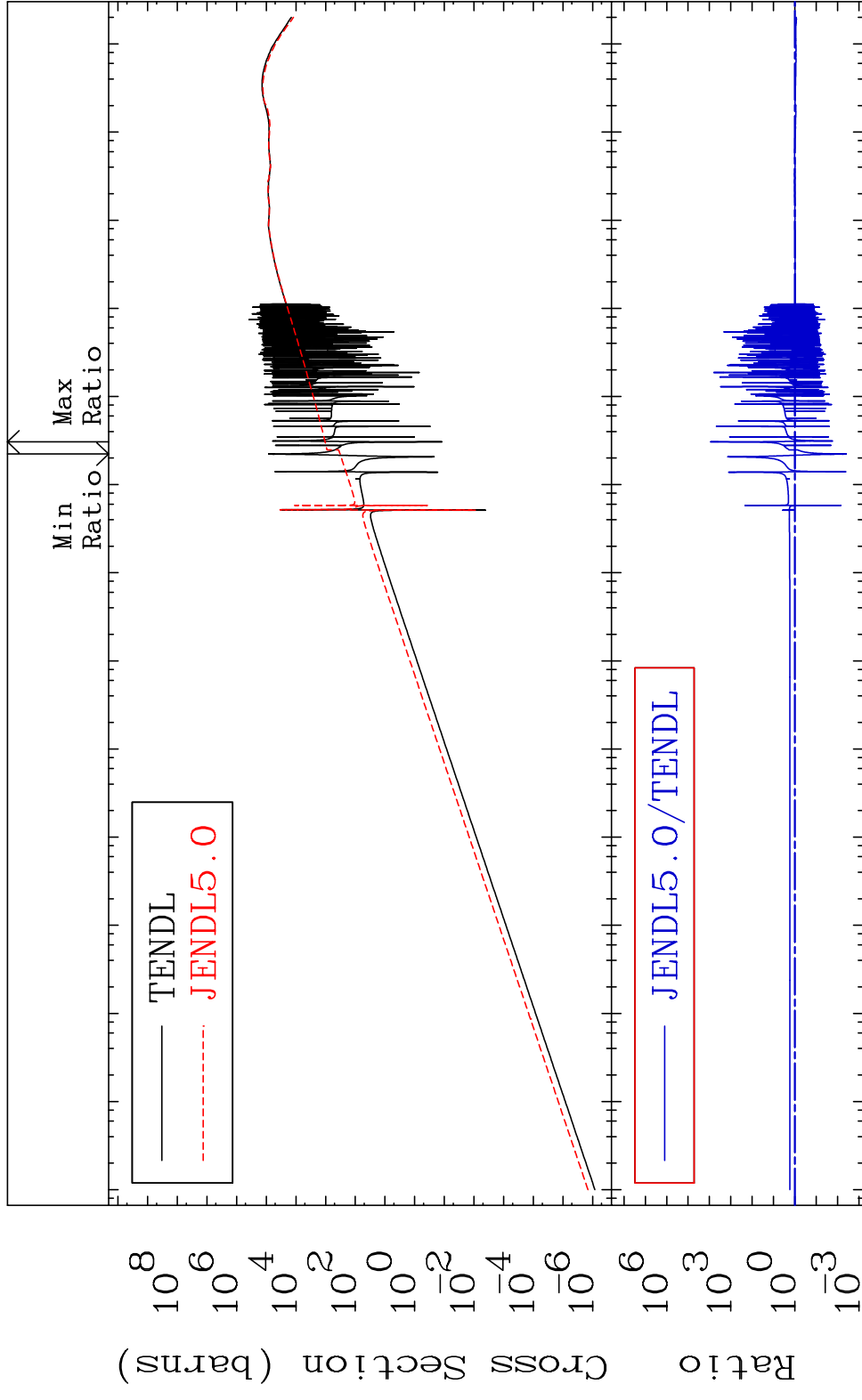
36-Kr-84

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

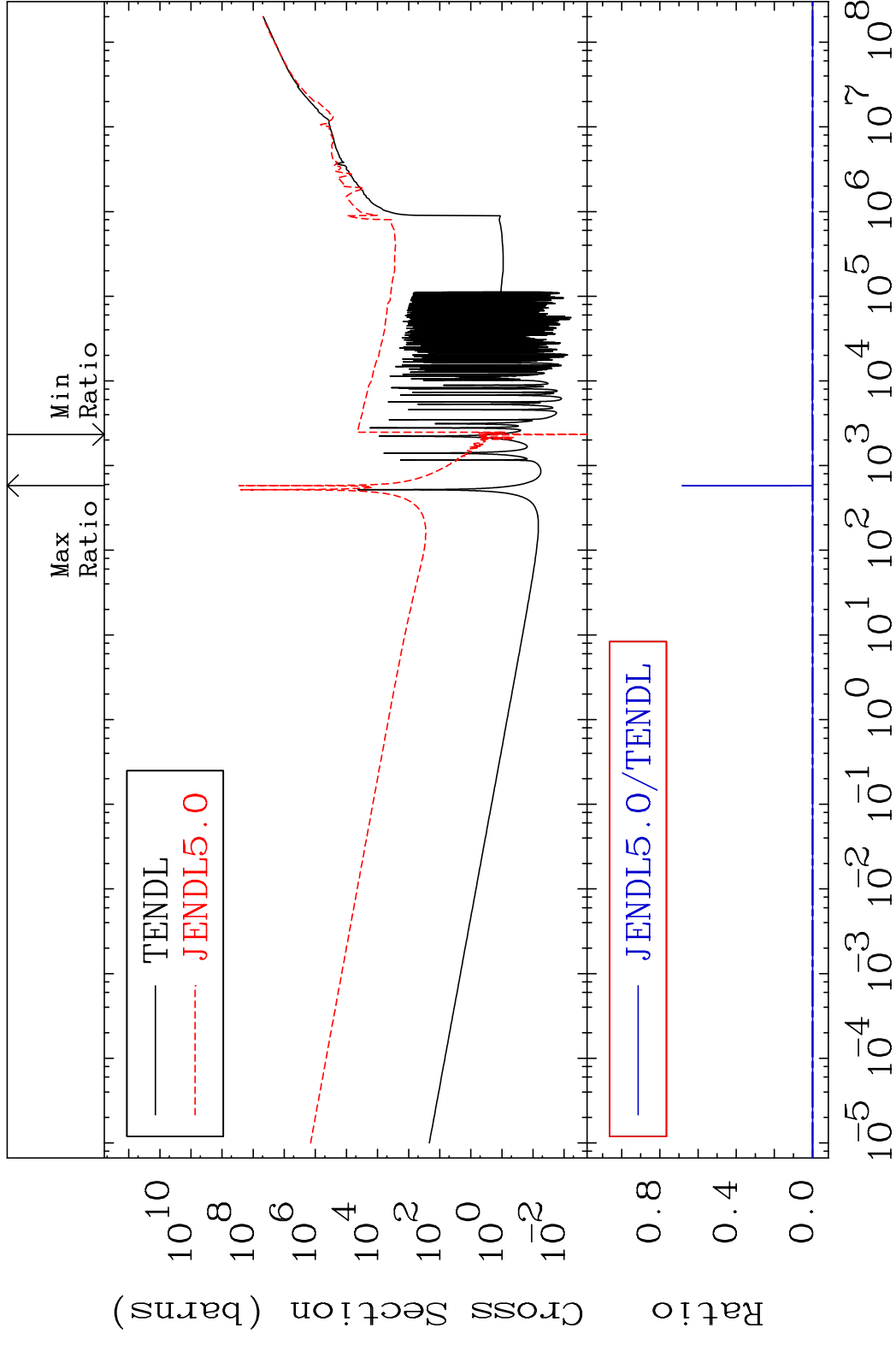


MAT 3643

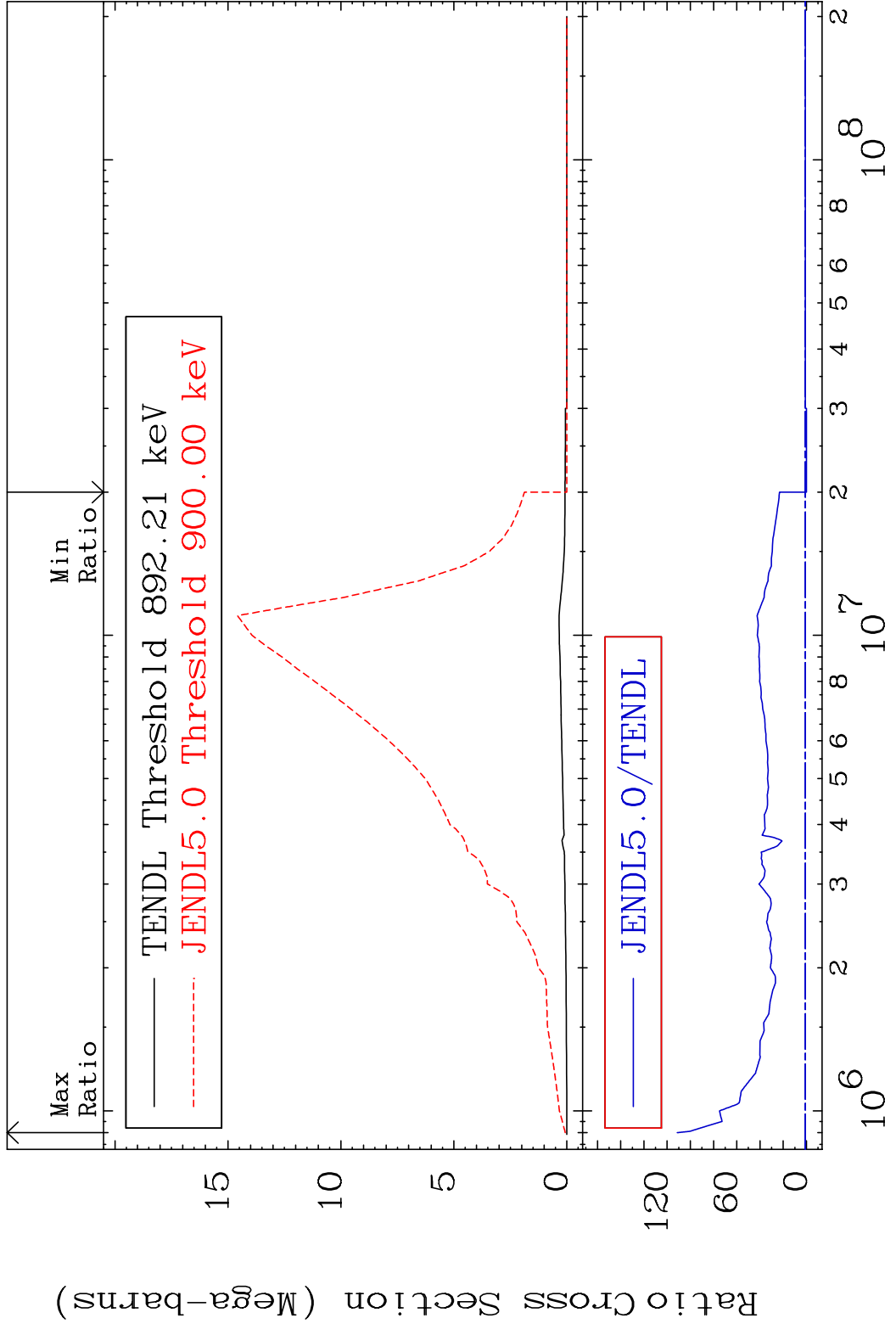
Kerma elastic Cross Section -99.61 To 9999. %
36-Kr-84



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

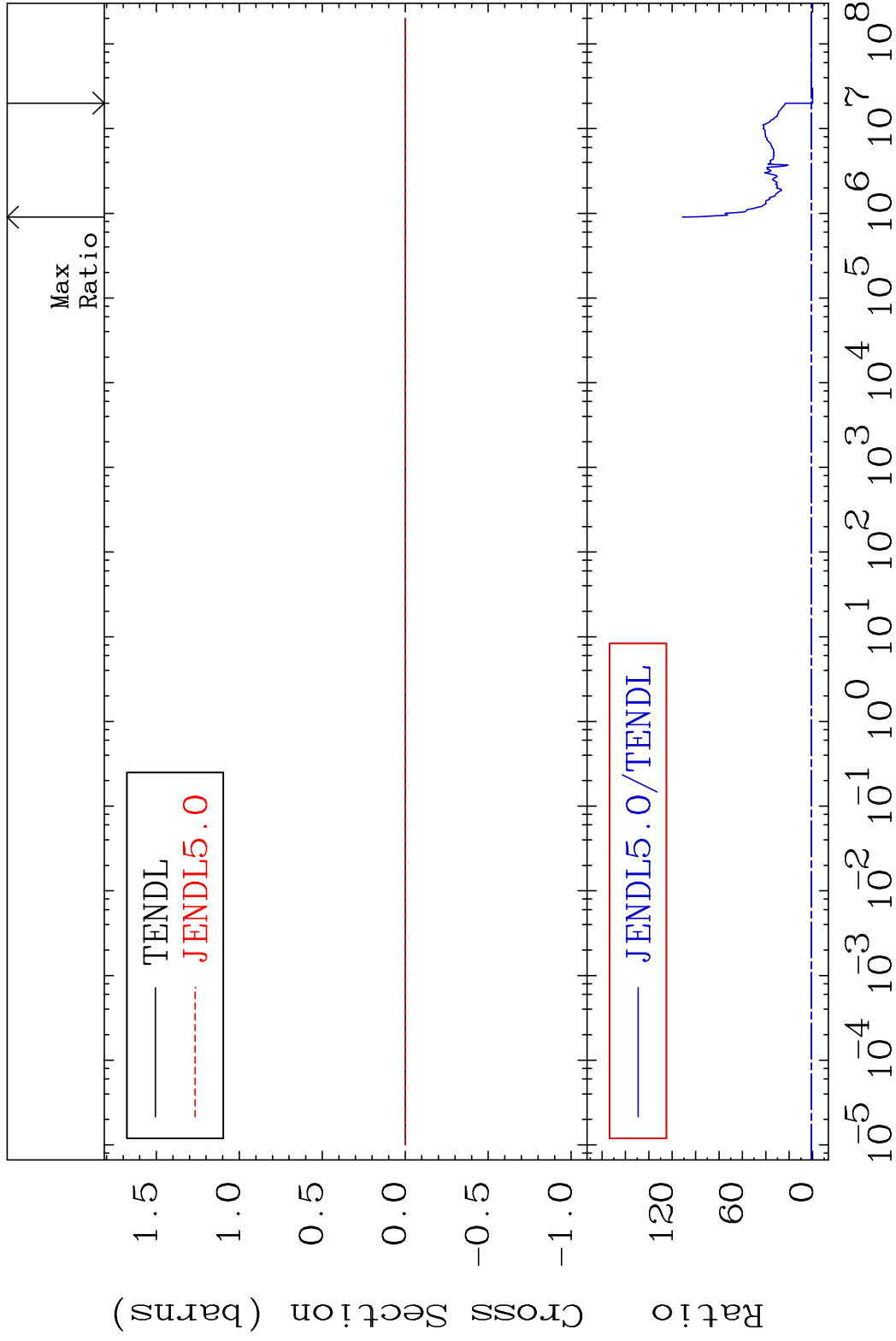


MAT 3643 Kerma inelastic (mt51-91) 36-Kr-84
 Cross Section -100.0 To 9999. %

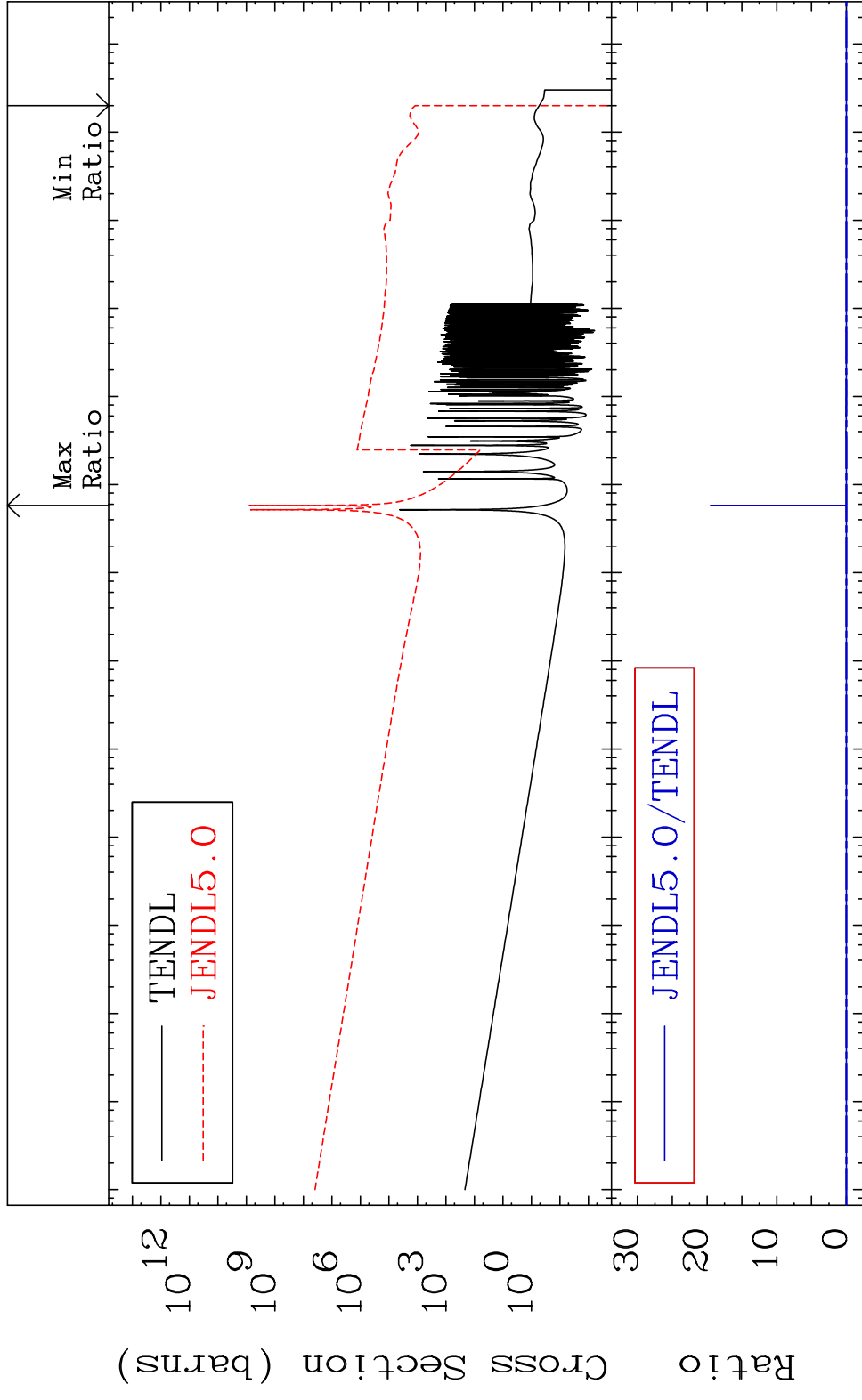


50 Incident Energy (eV) 36-Kr-84

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

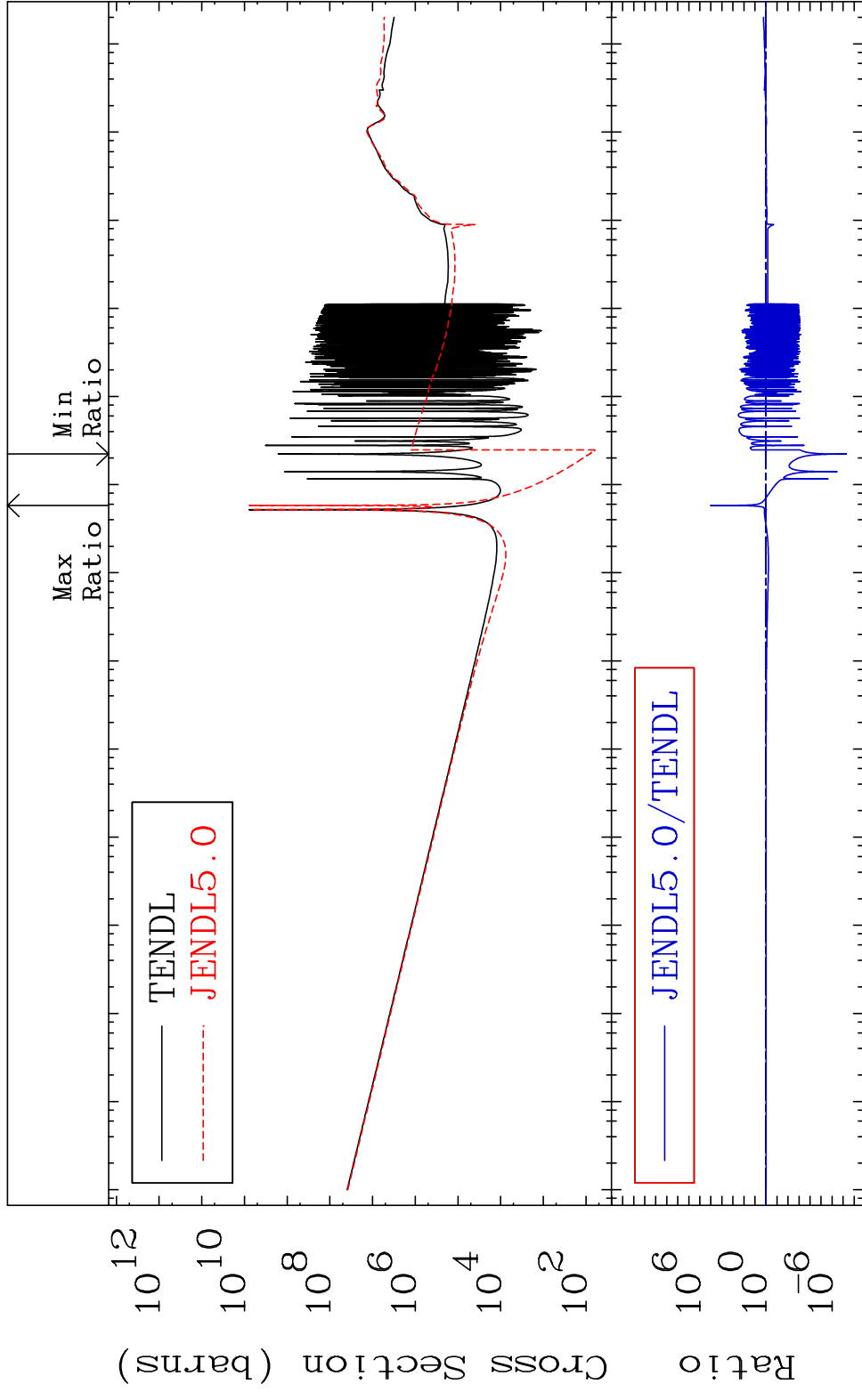


MAT 3643 Kerma capture (mt102) 36-Kr-84
 Cross Section -100.0 To 9999. %



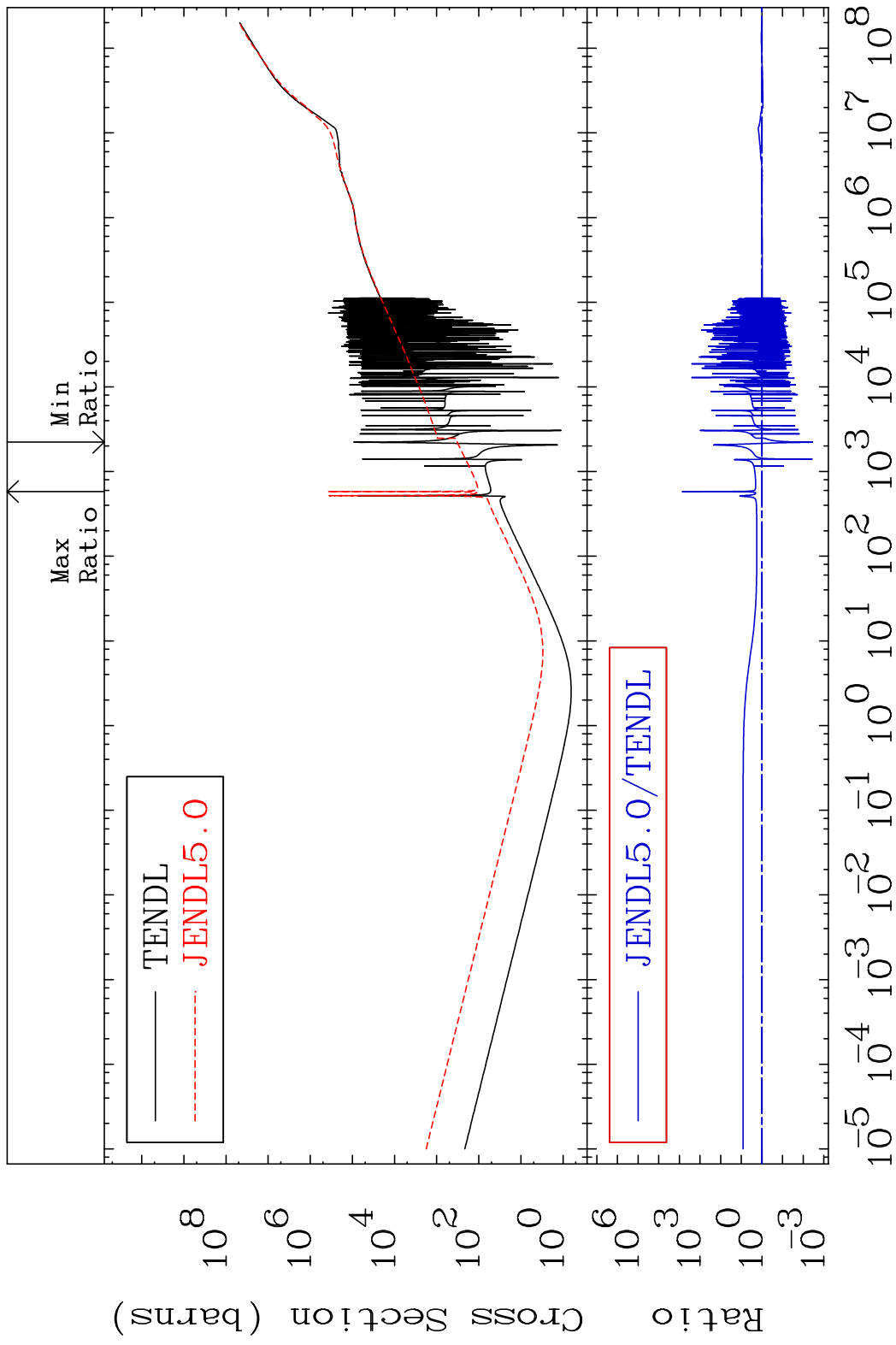
52 Incident Energy (eV) 36-Kr-84

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

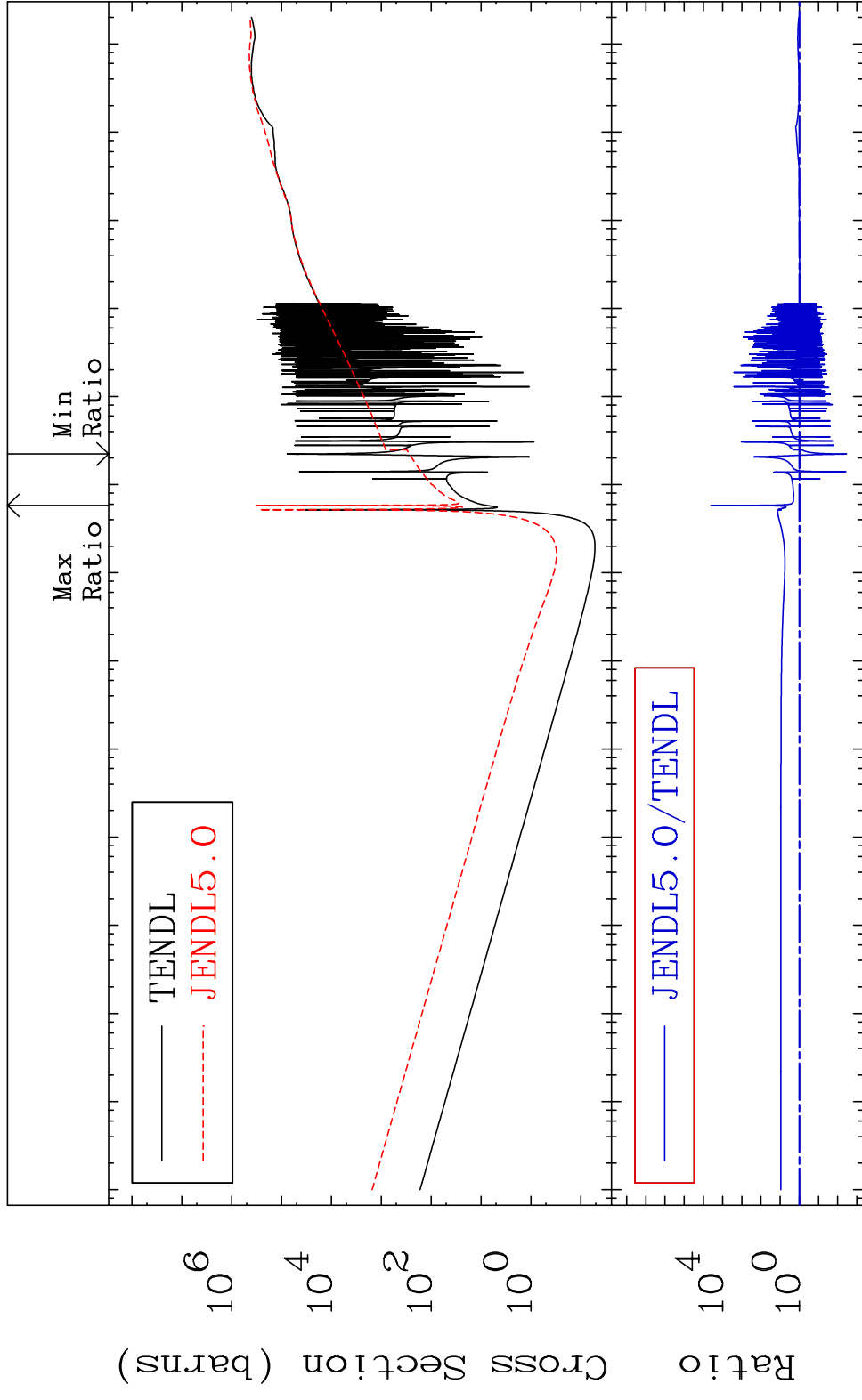


53 Incident Energy (eV) 36-Kr-84

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. %

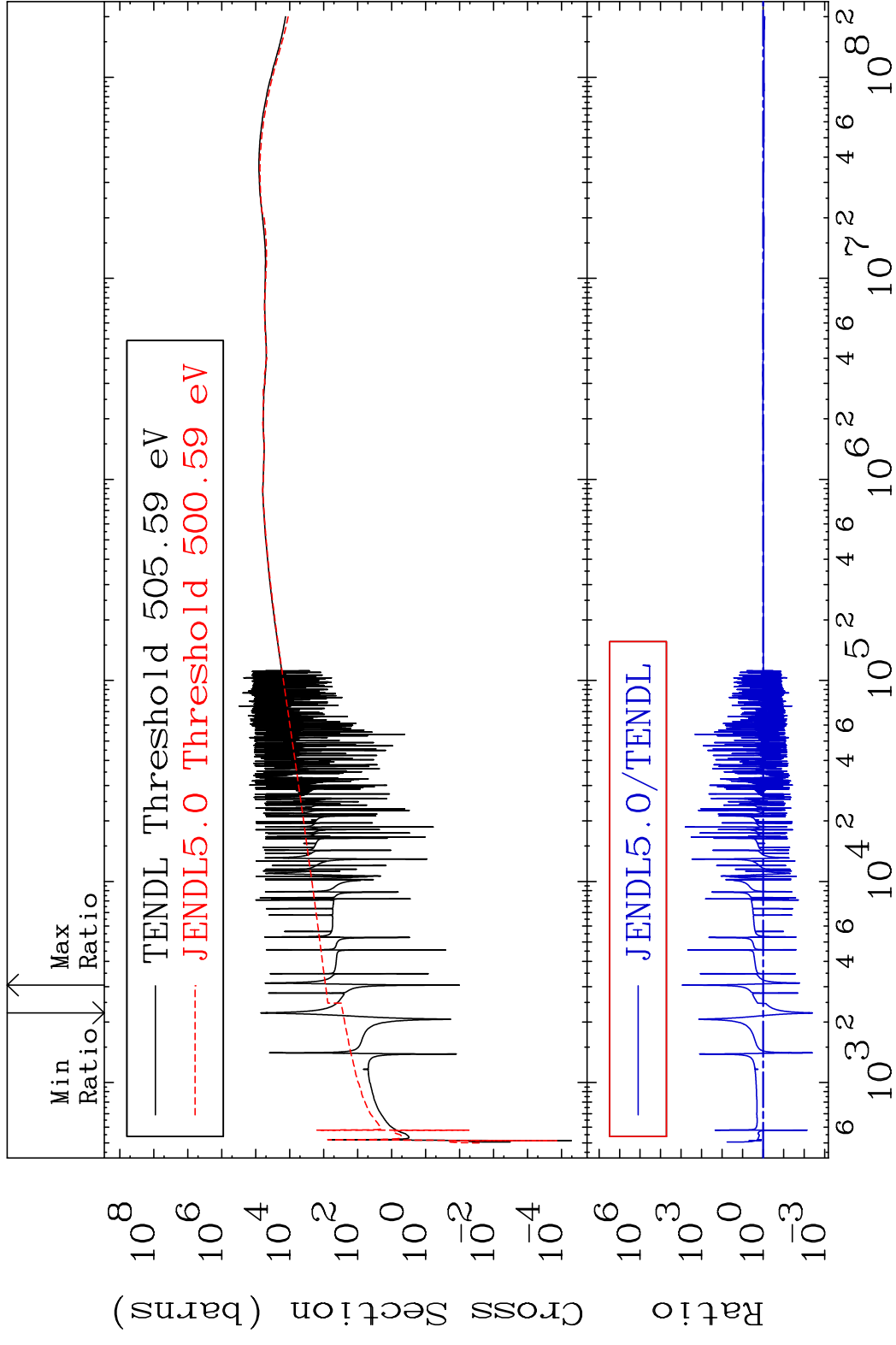


MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -99.61 To 9999. %

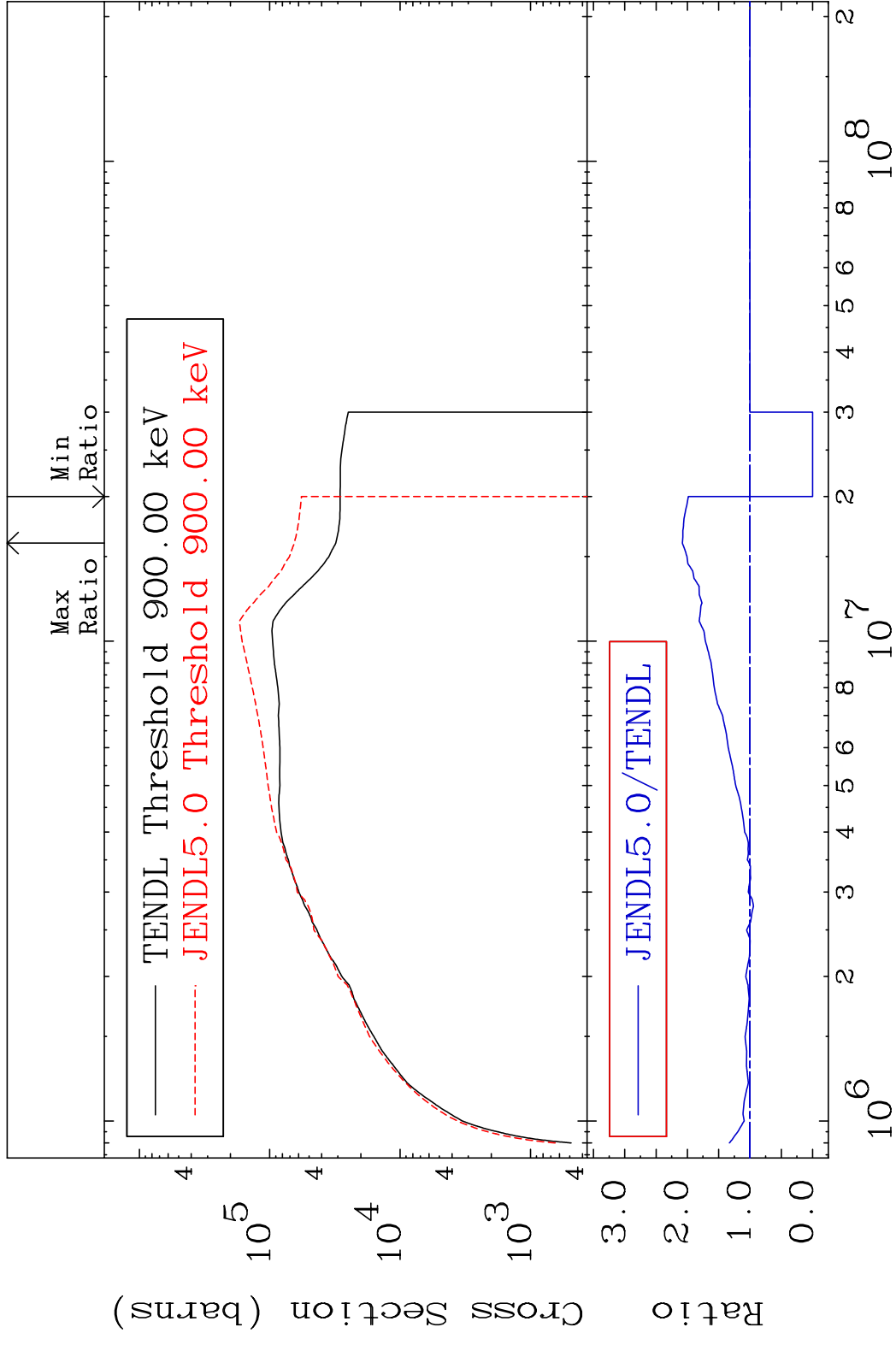


56

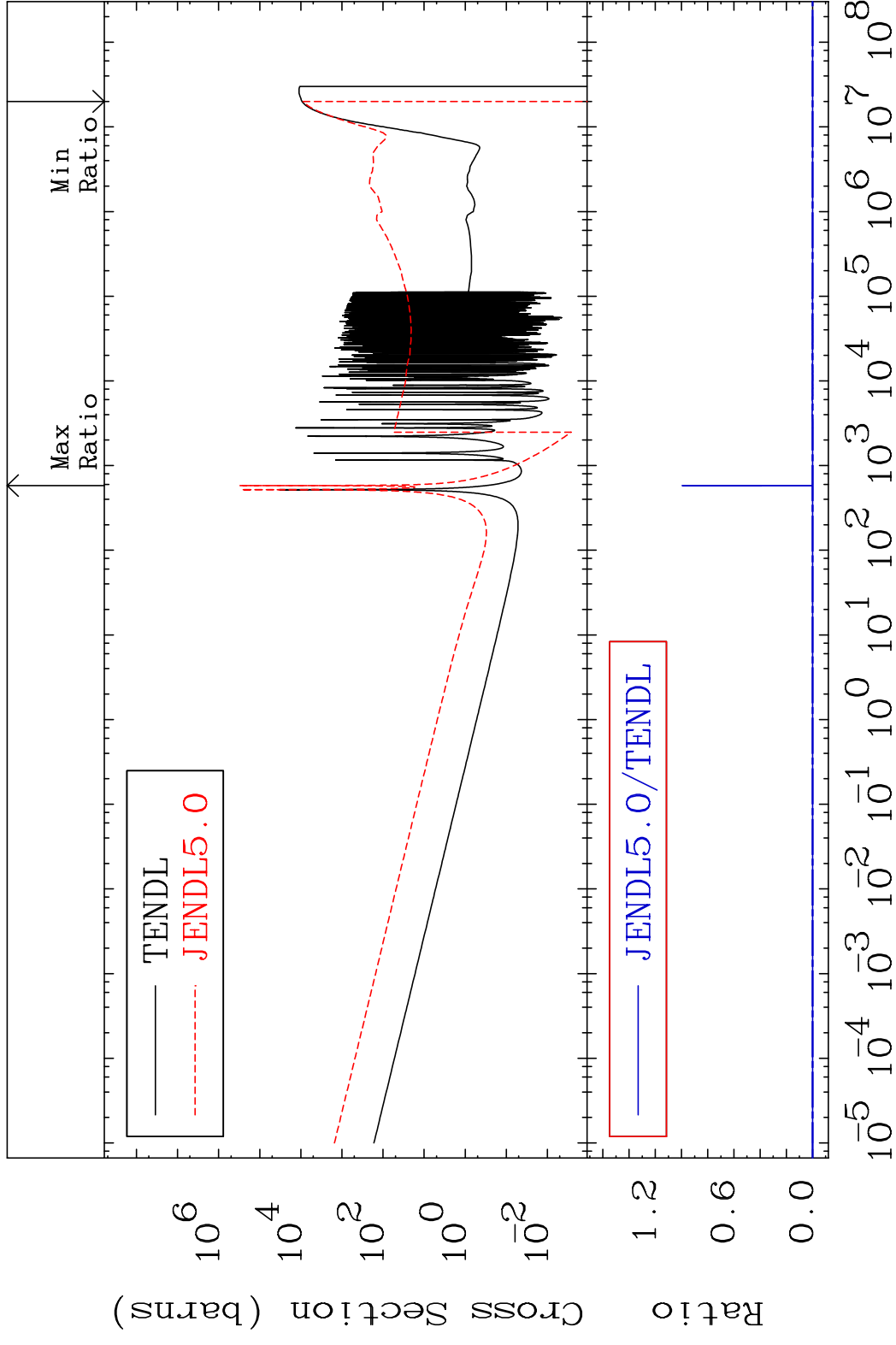
Incident Energy (eV)

36-Kr-84

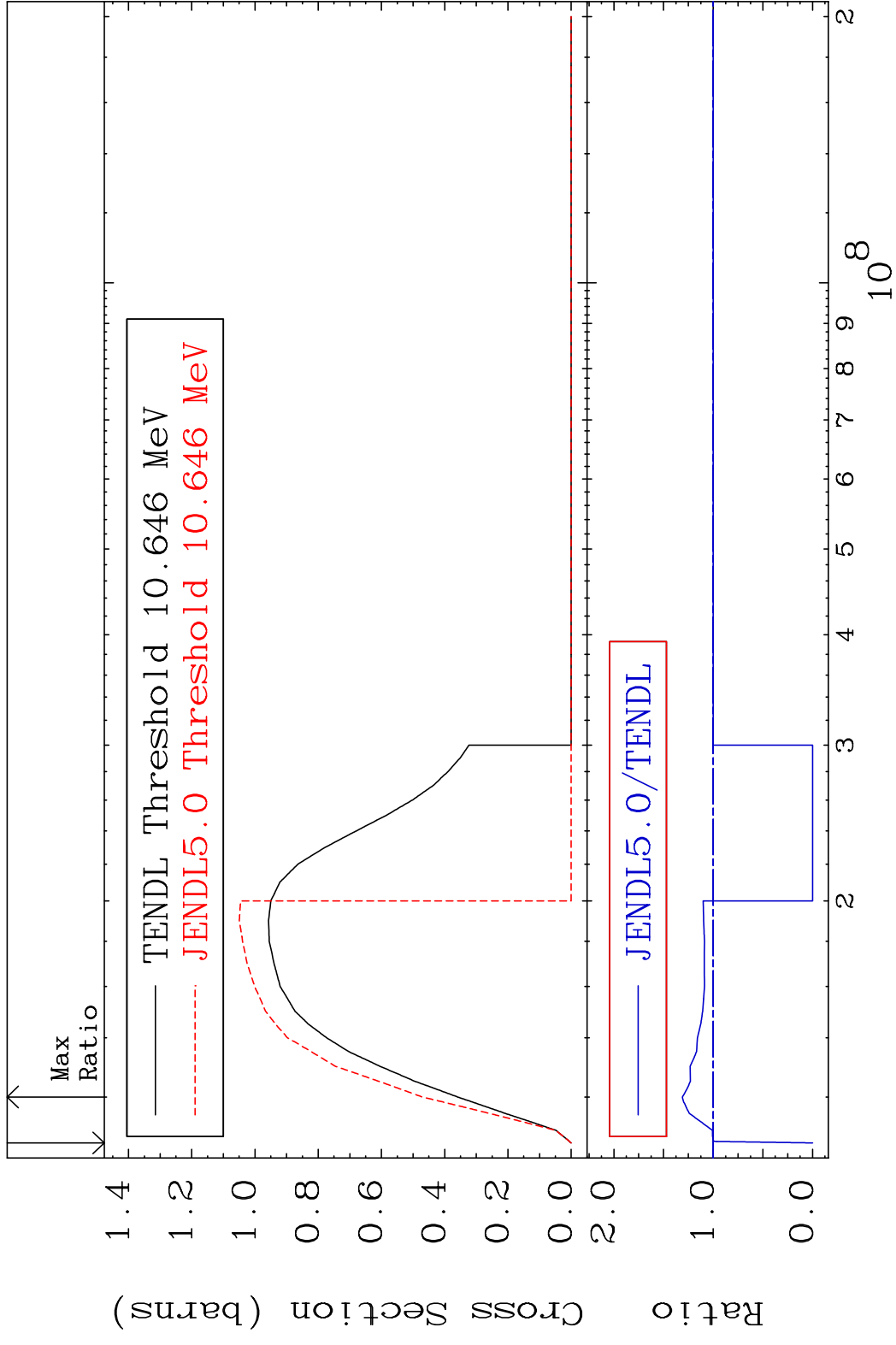
MAT 3643 Dpa inelastic (mt51-91) 36-Kr-84
 Cross Section -100.0 To 108.0 %



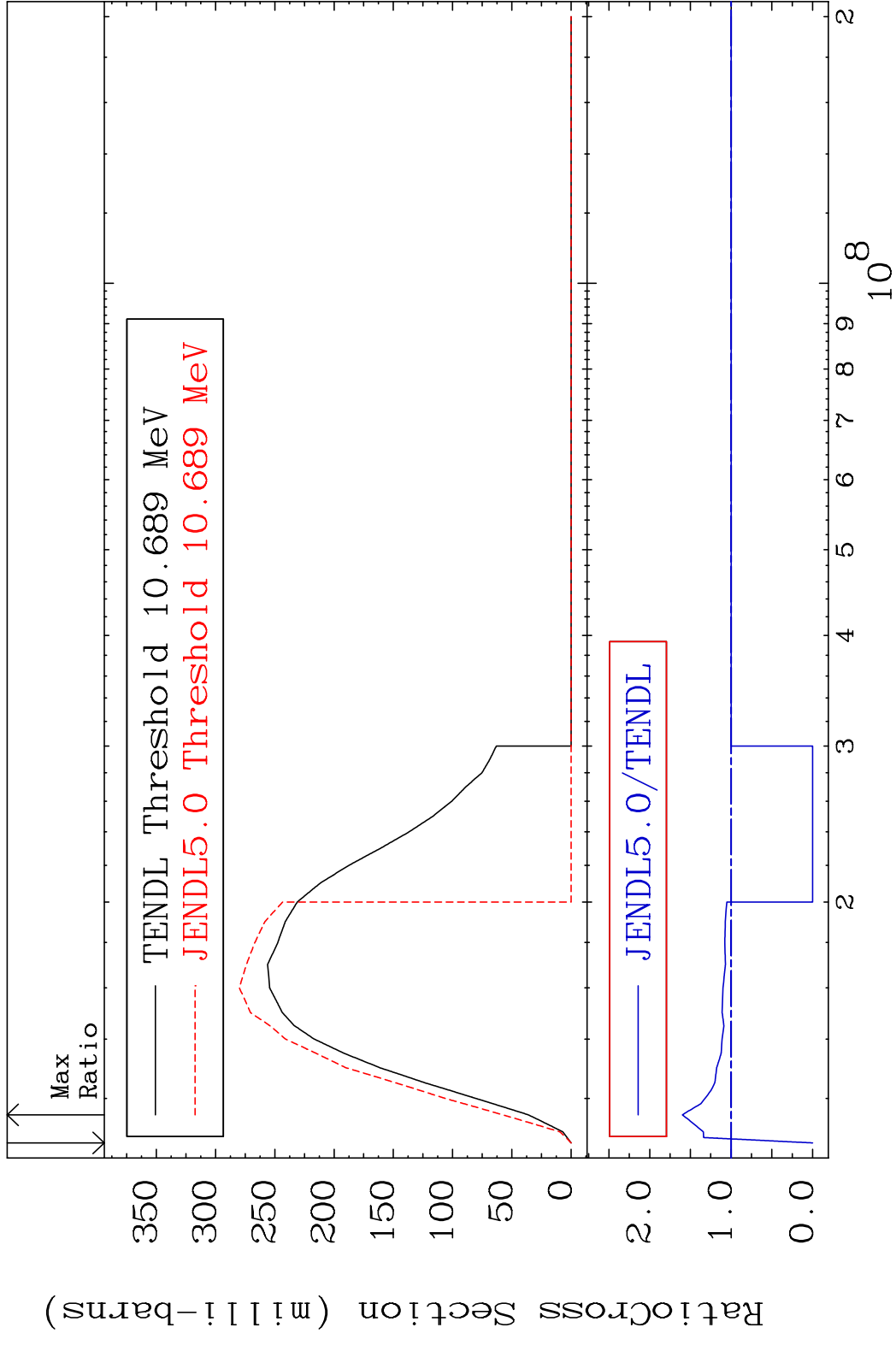
MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %

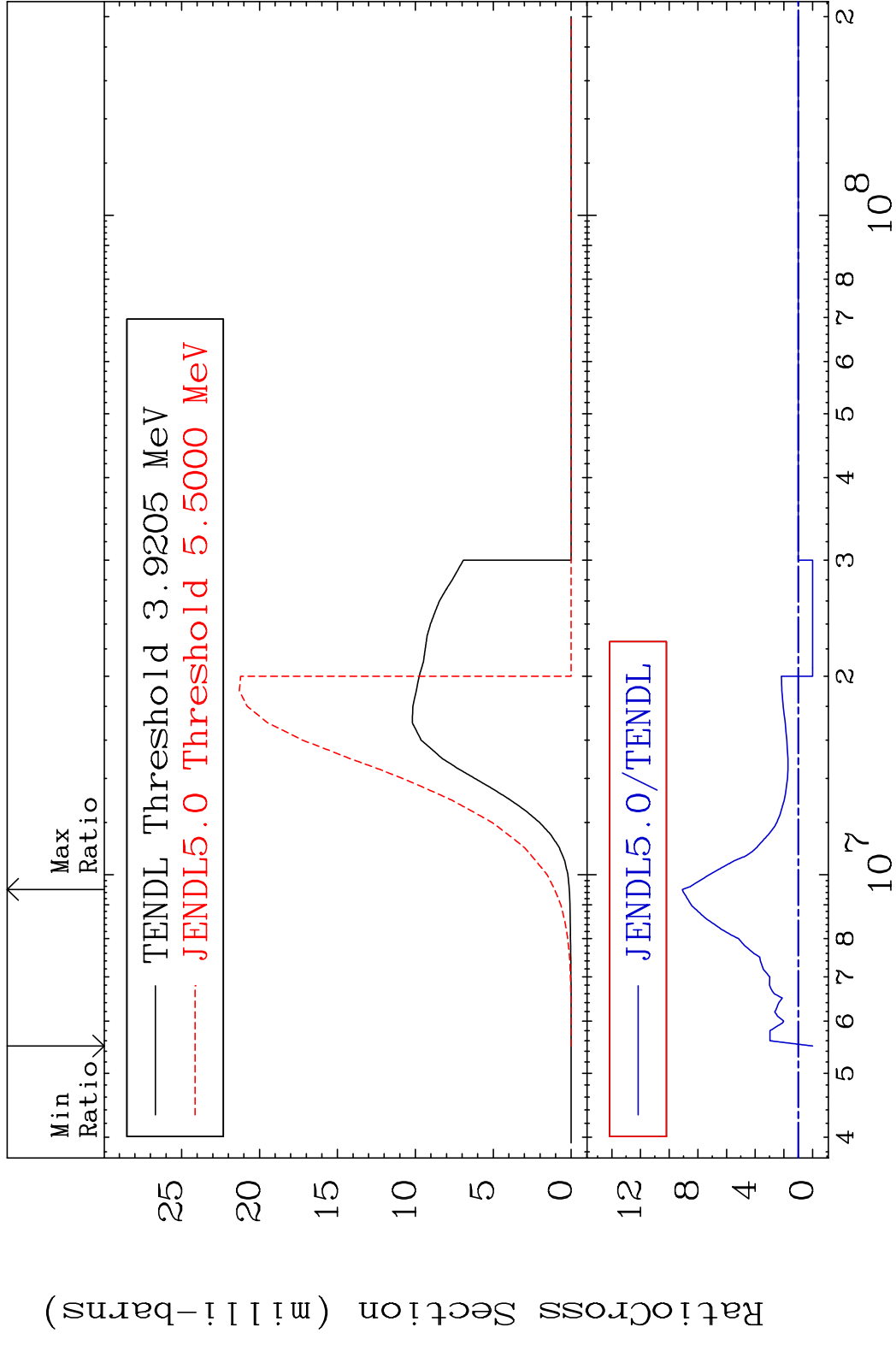


MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 31.07 %

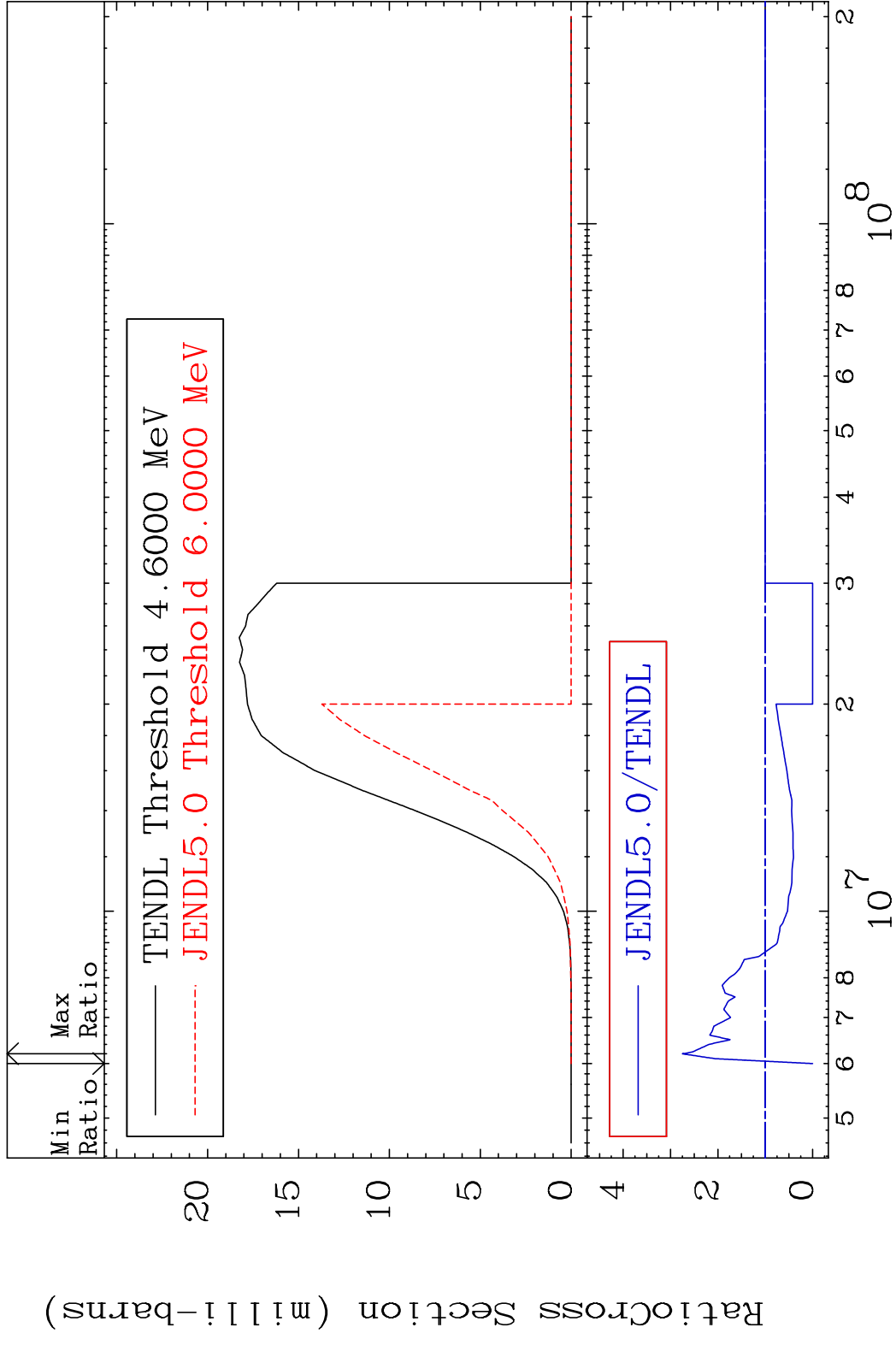


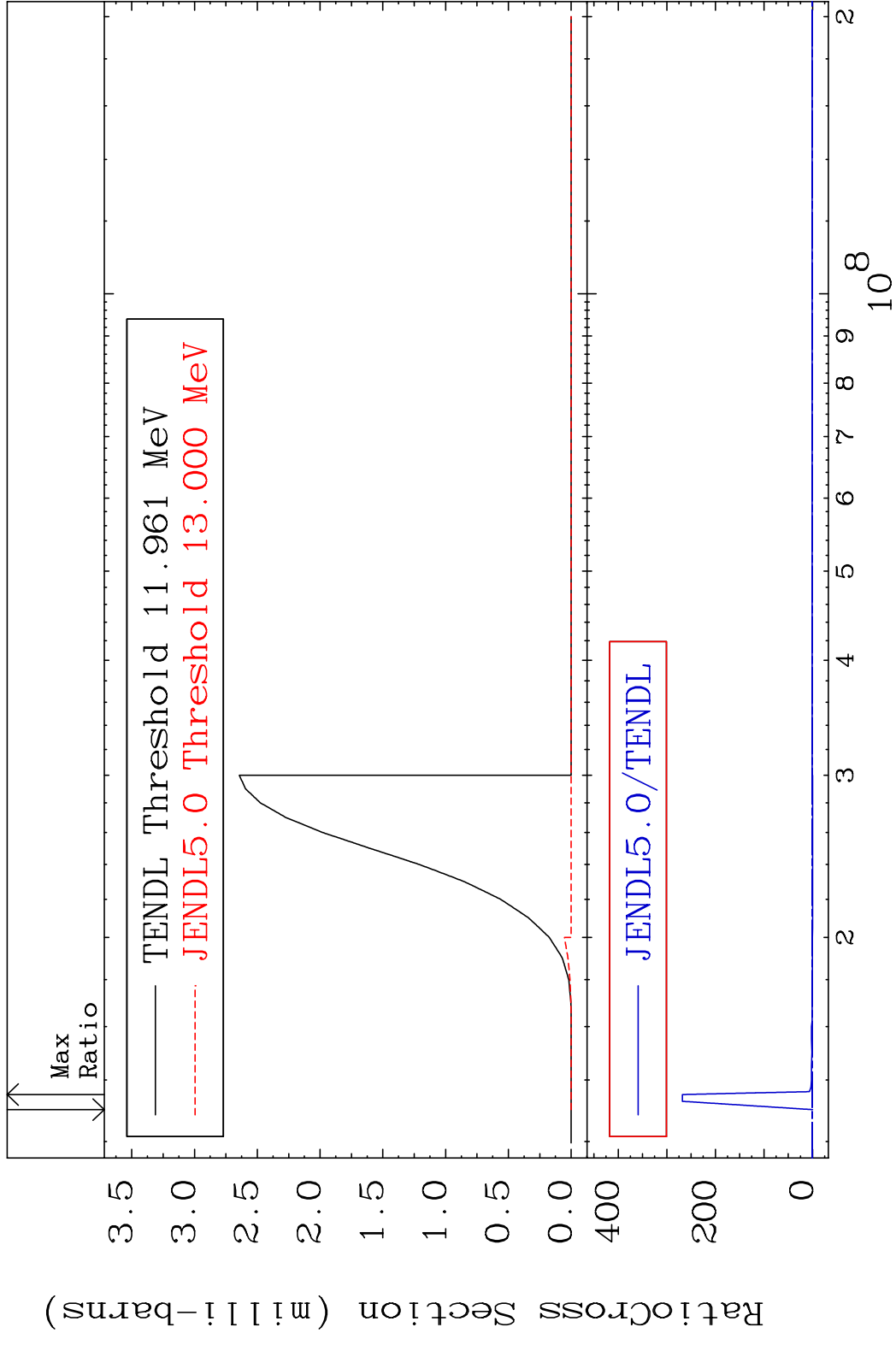
MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section 59.88 %



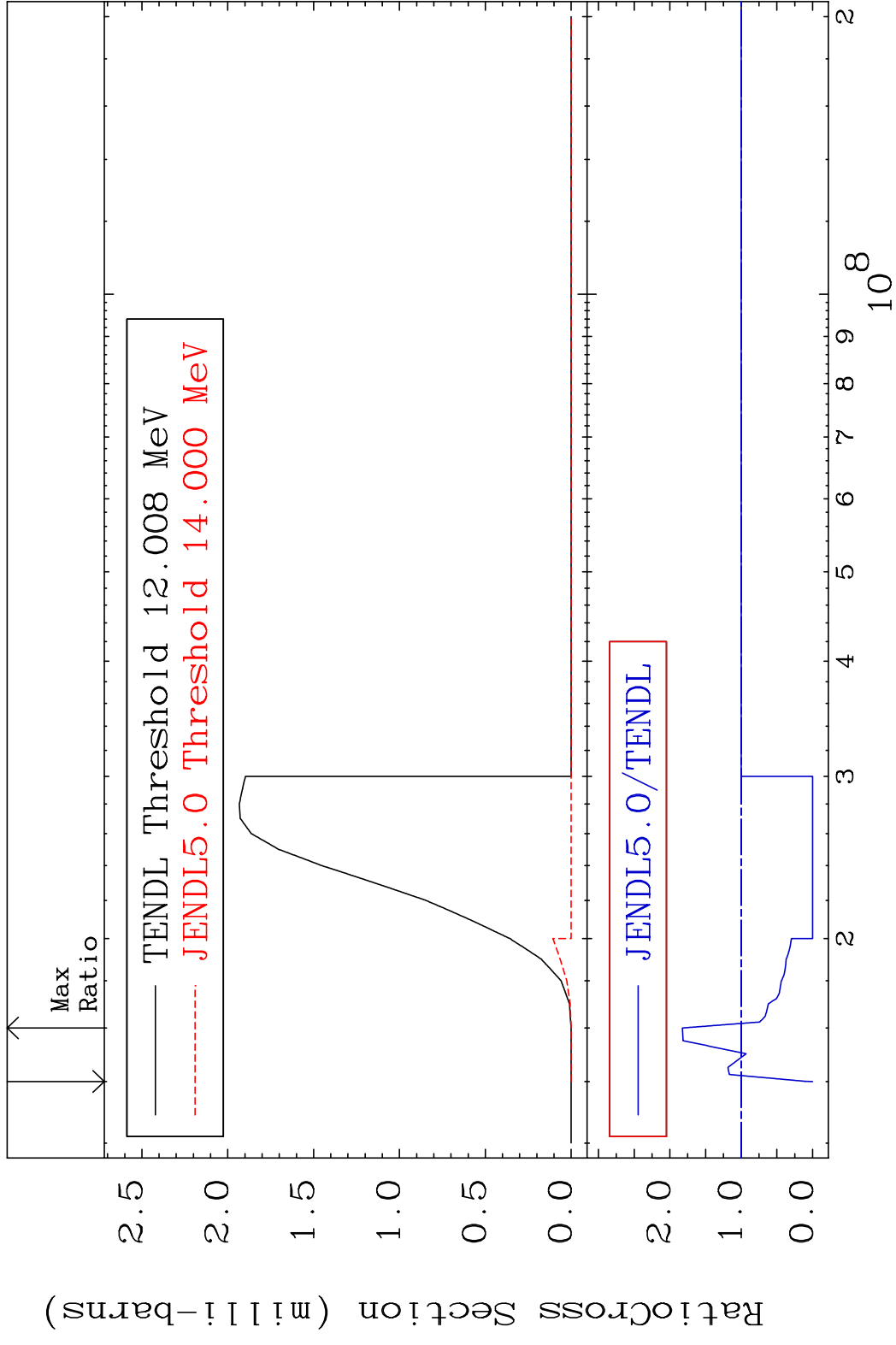


MAT 3643 (n, p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 180.0 dth 175.0 %

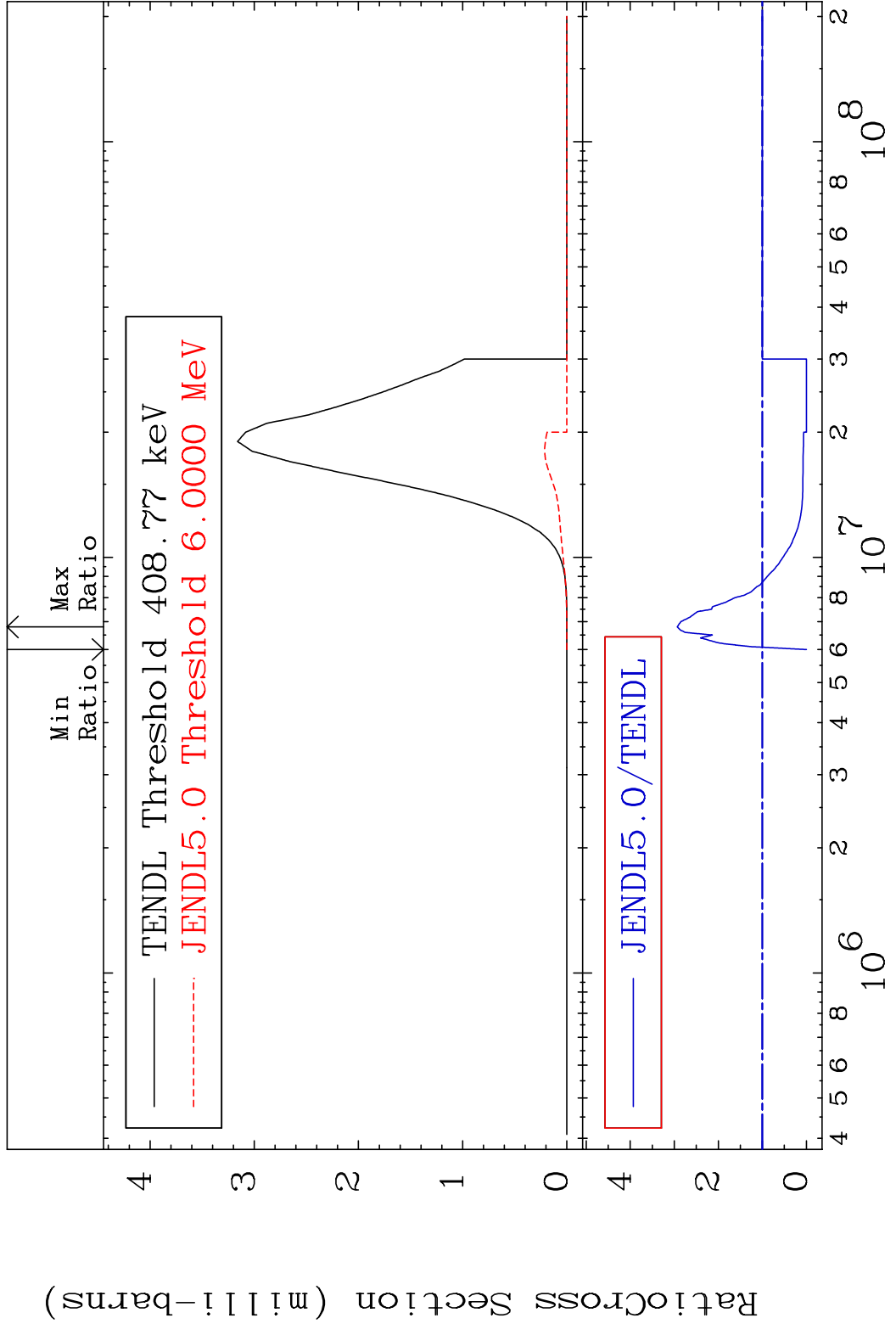




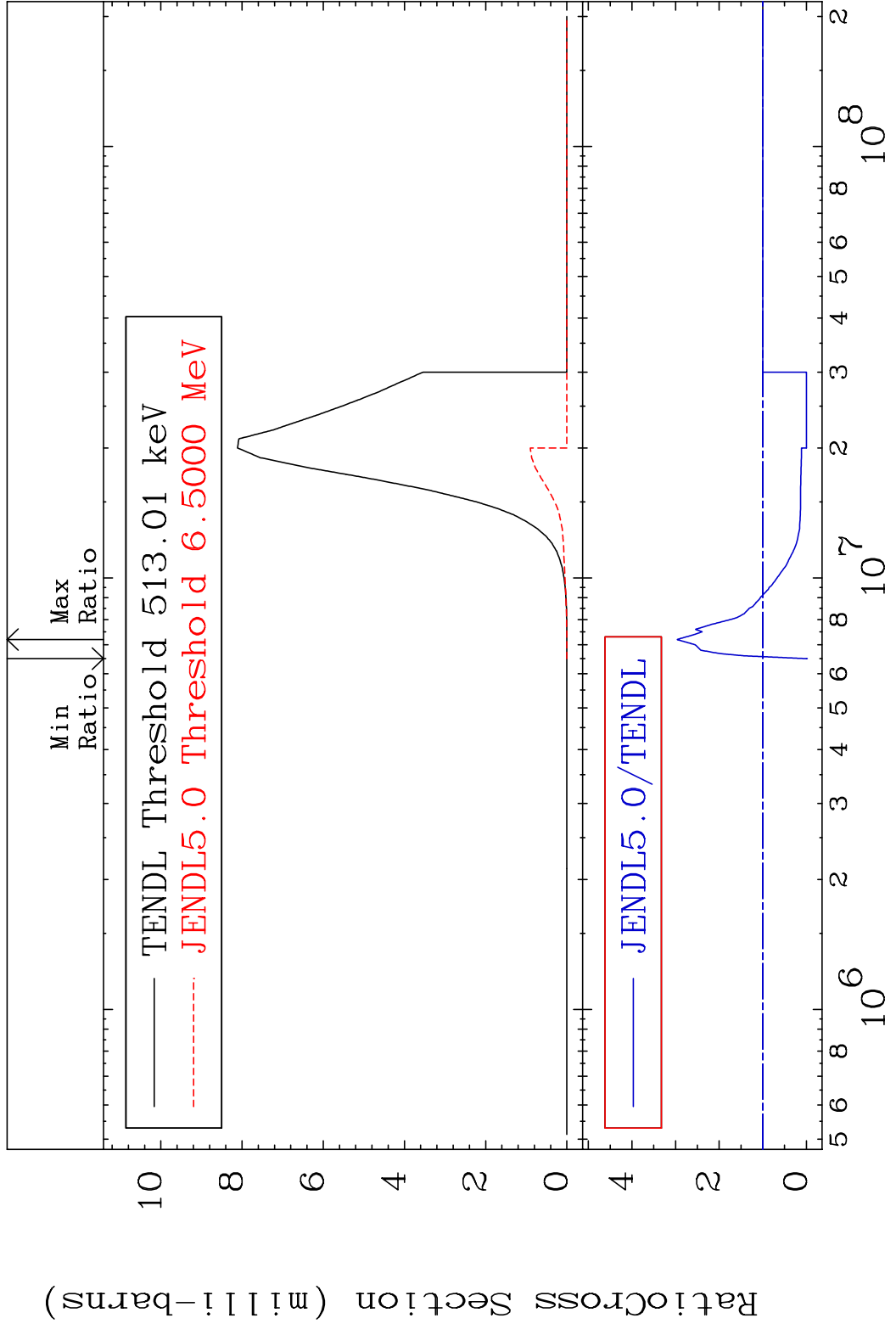
MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dth 82.50 %



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

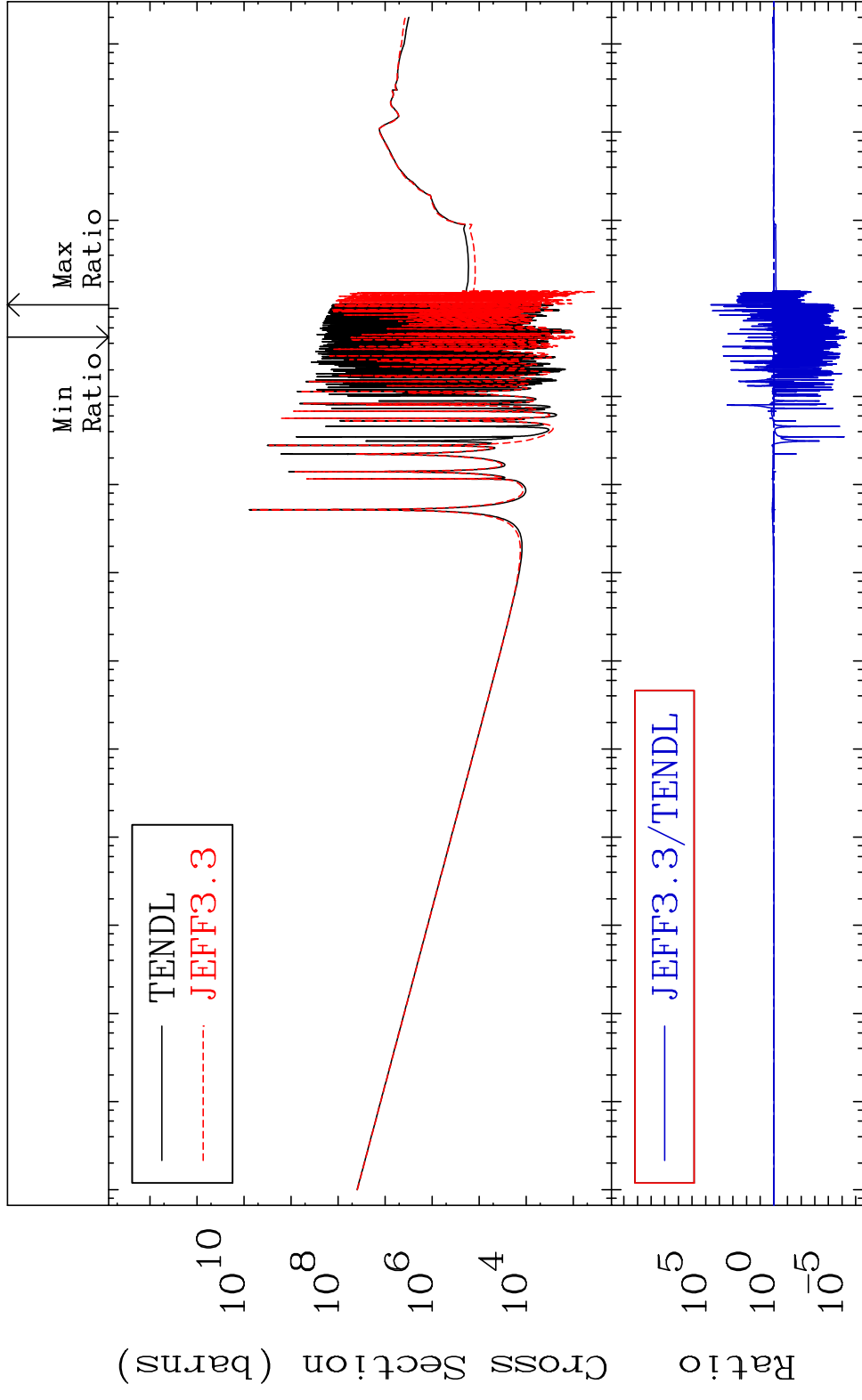


MAT 3643 (n, α):34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section 186.01 dth 196.2 %

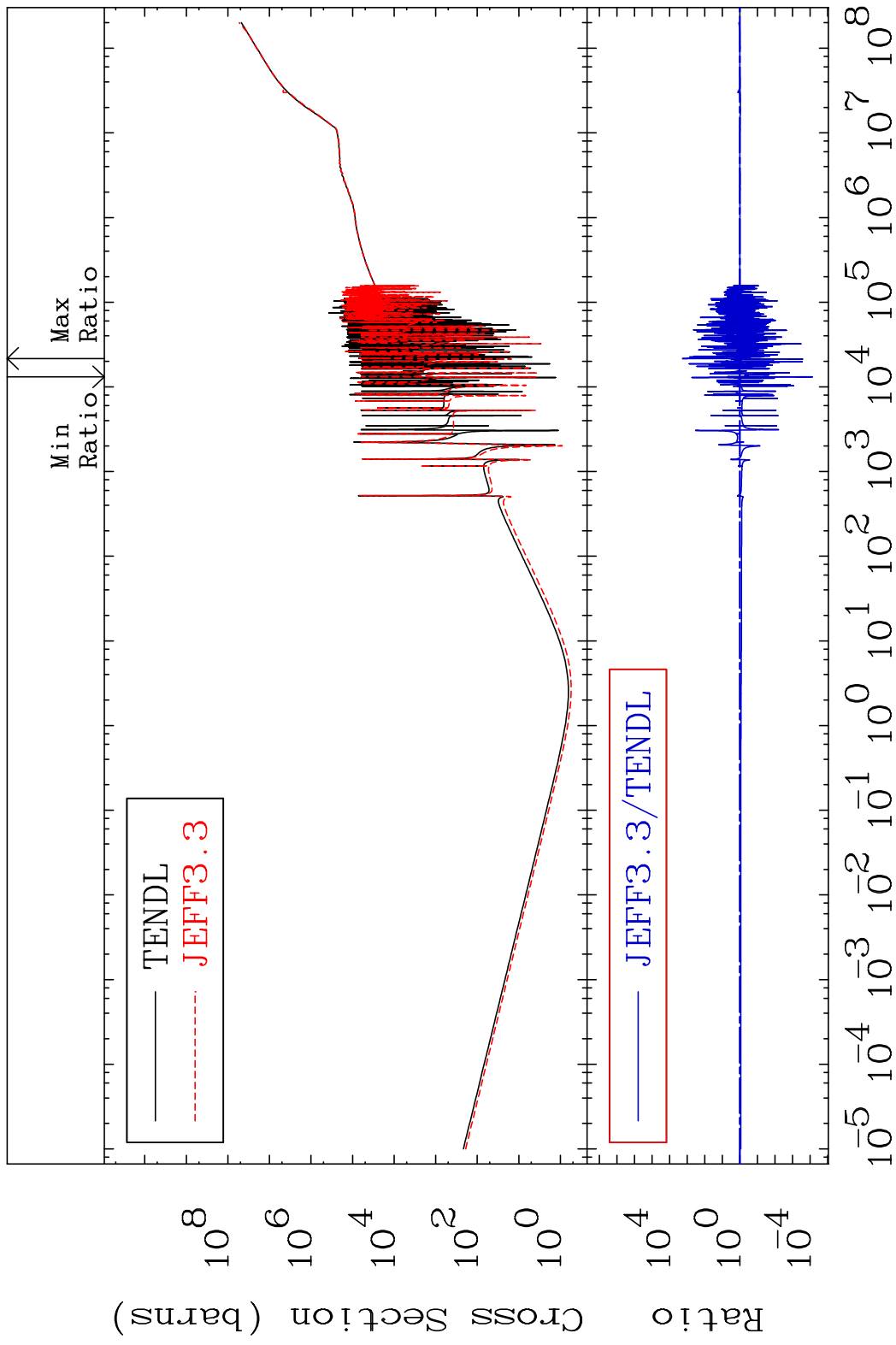


66 Incident Energy (eV) 36-Kr-84

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. %

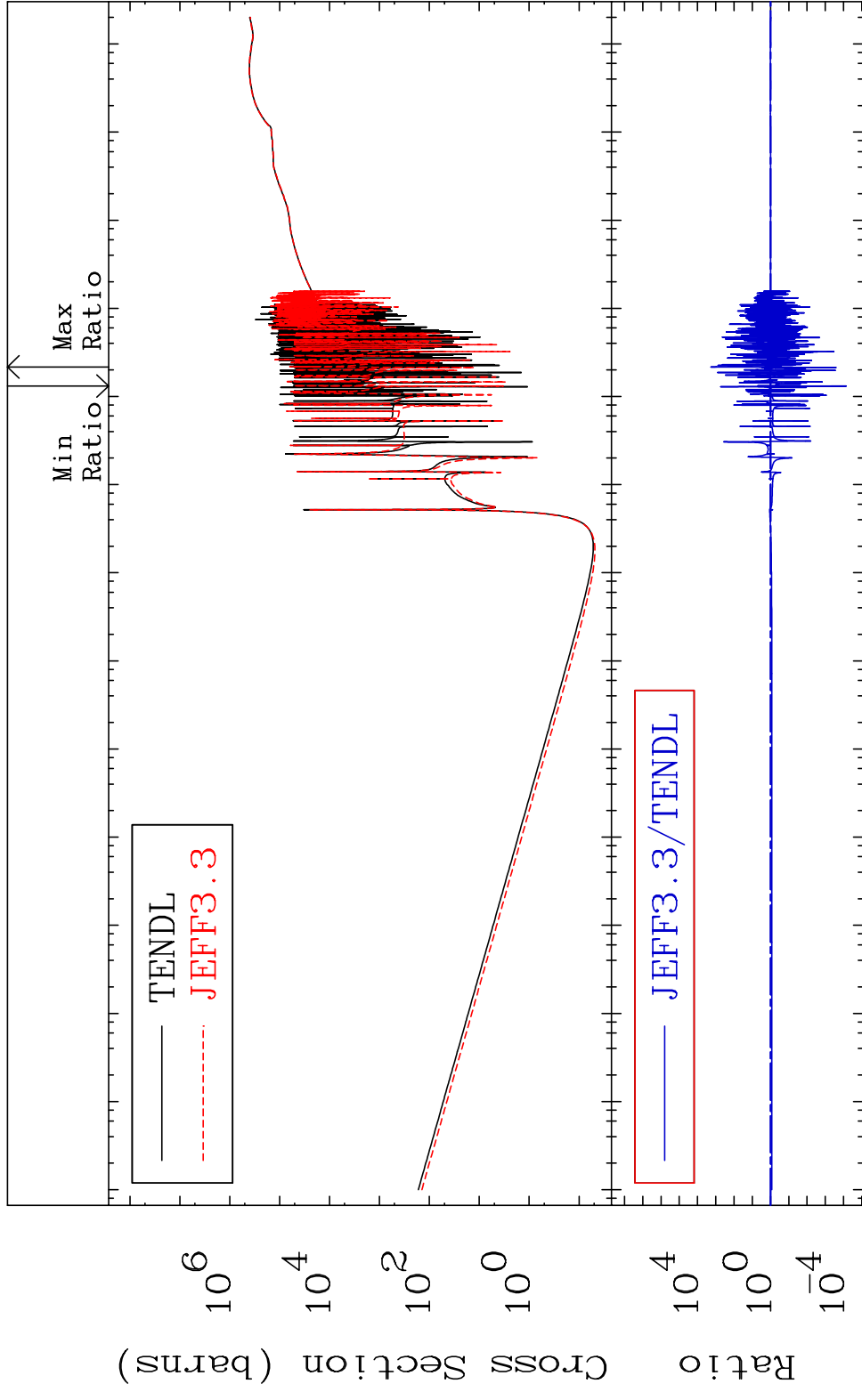


MAT 3643

Dpa total (eV-barns)

36-Kr-84

Cross Section -99.99 To 9999. %



69

Incident Energy (eV)

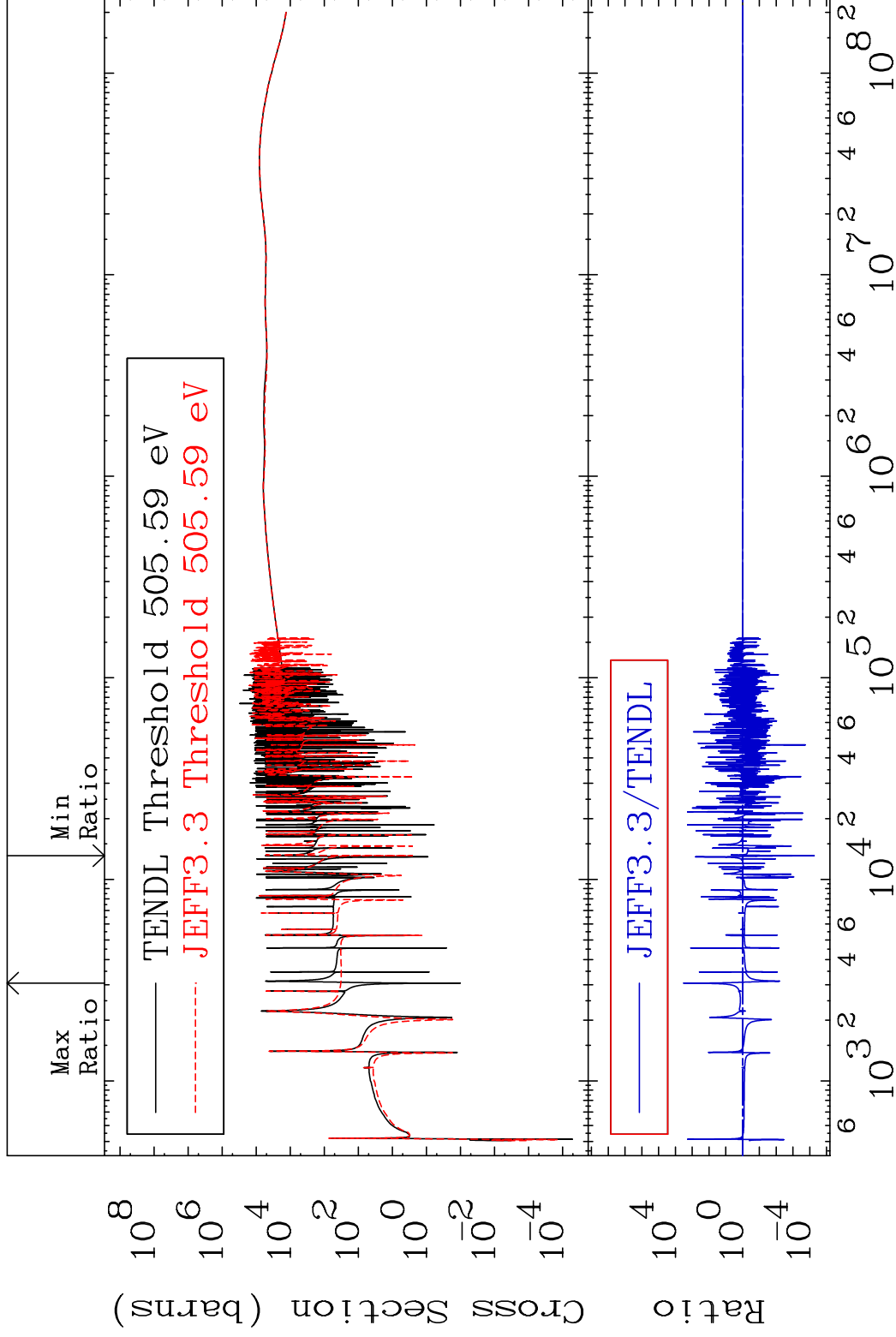
36-Kr-84

MAT 3643

Dpa elastic (mt2)

36-Kr-84

Cross Section -99.99 To 9999. %

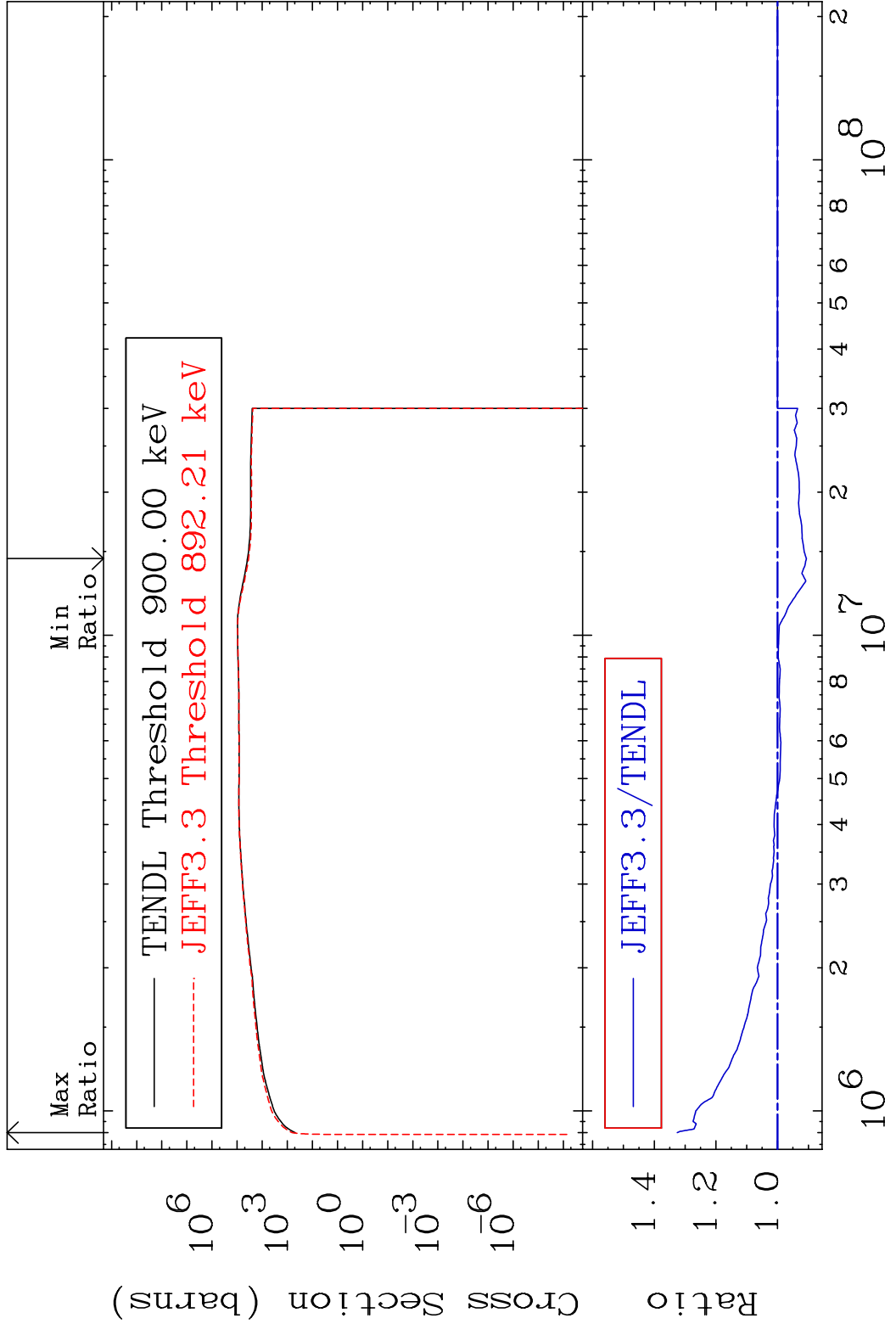


70

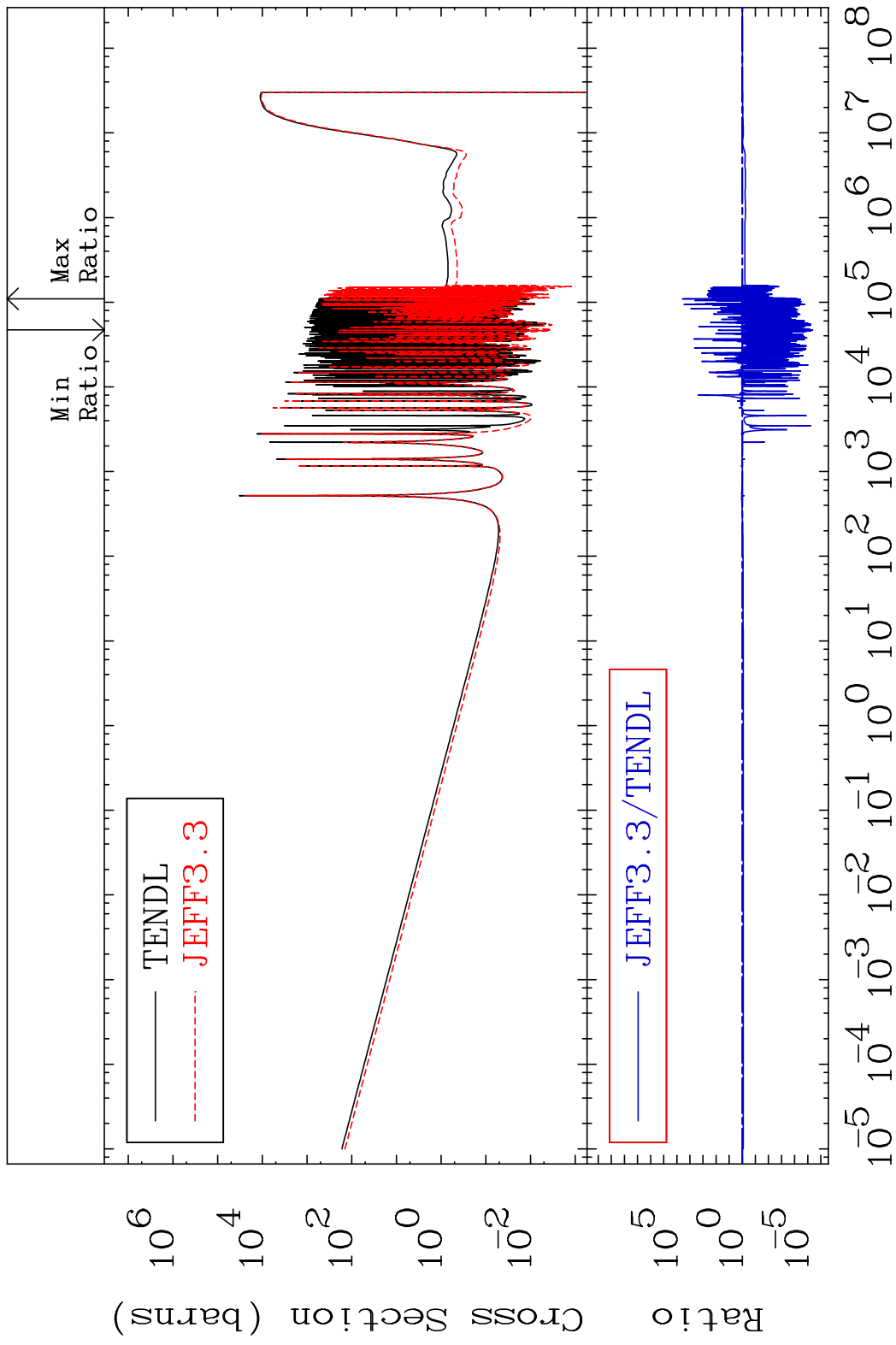
Incident Energy (eV)

36-Kr-84

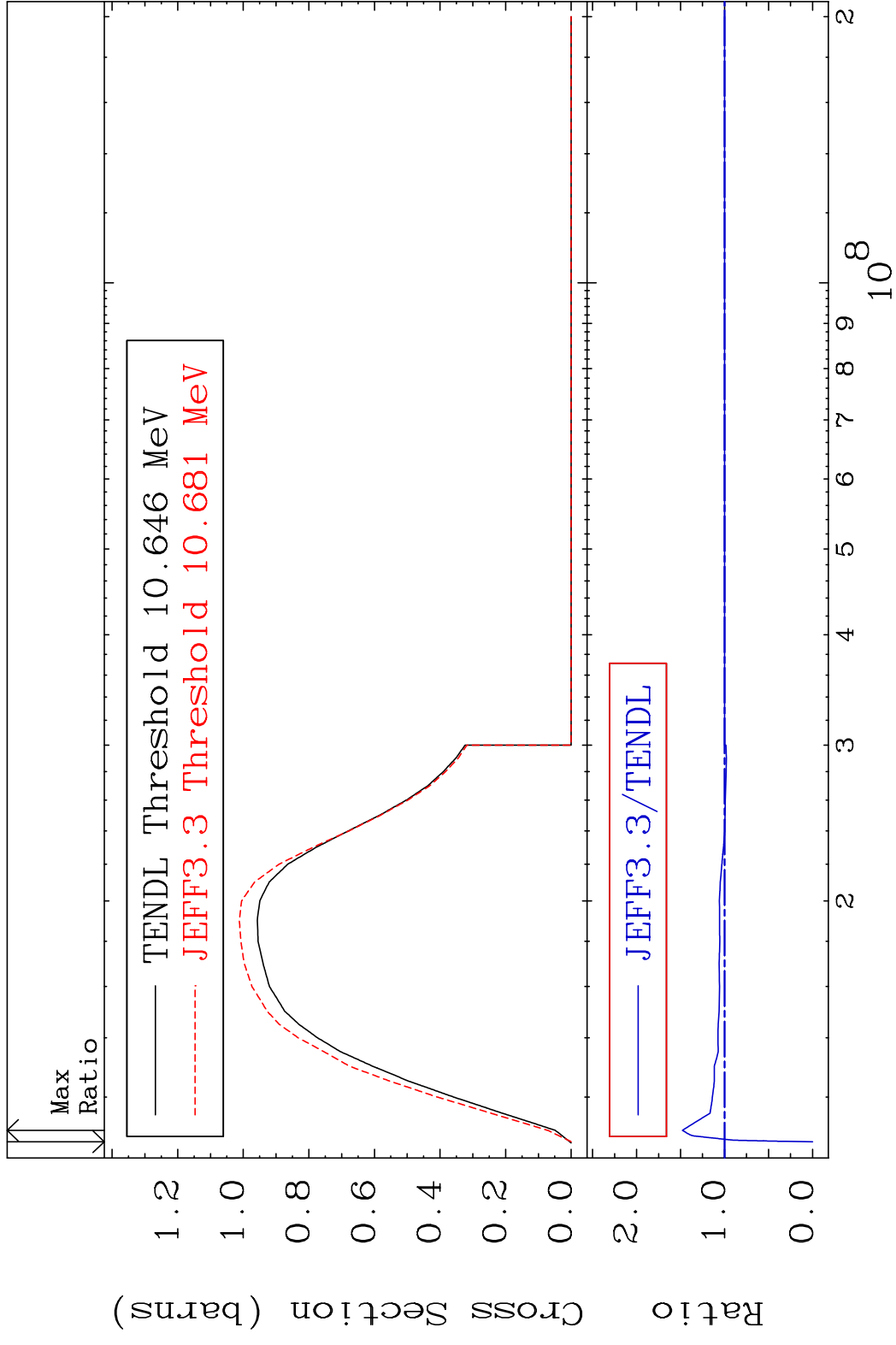
MAT 3643 Dpa inelastic (mt51-91) 36-Kr-84
 Cross Section -9.355 To 32.57 %



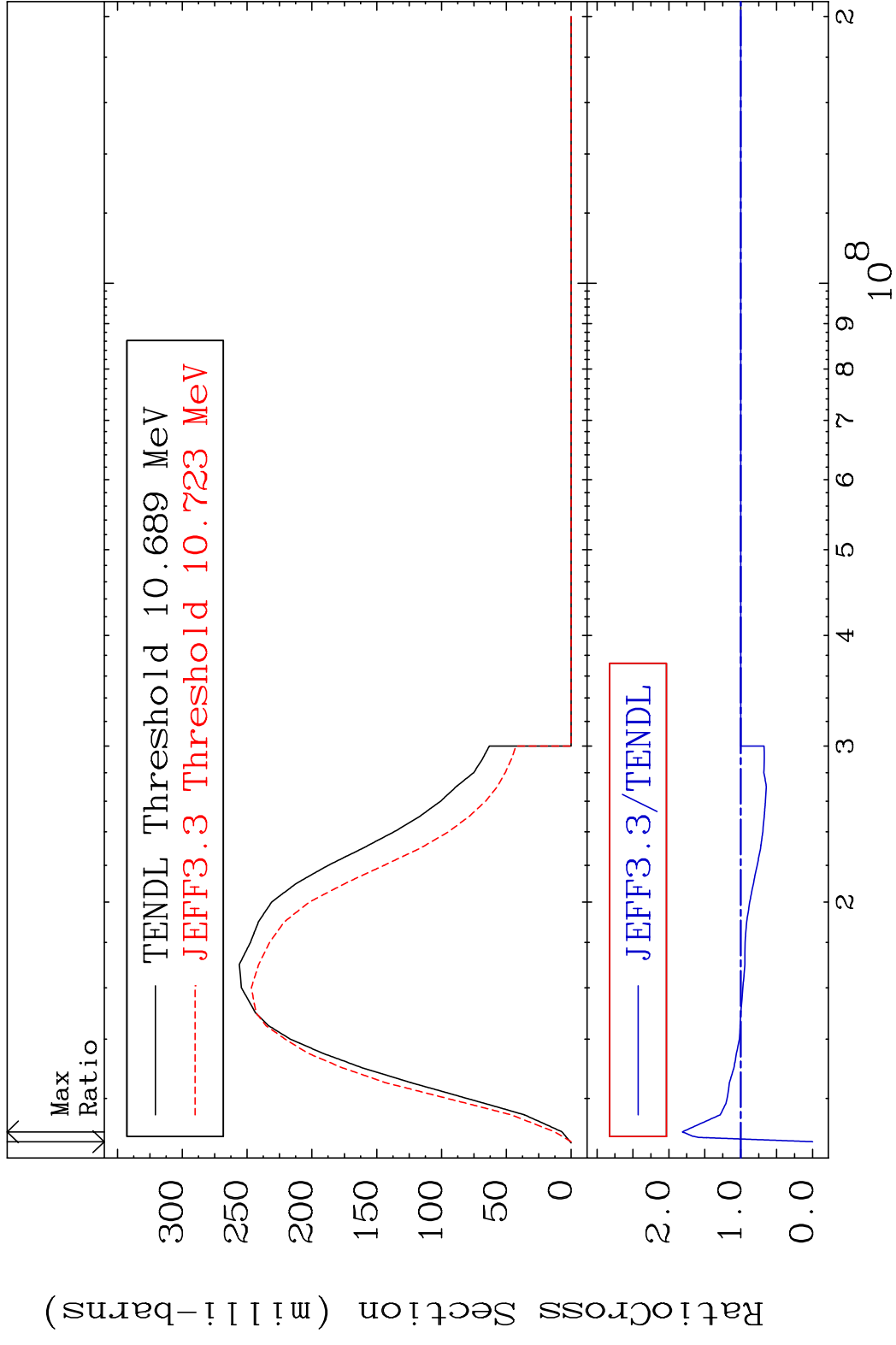
MAT 3643 Dpa disappearance (mt102 -120) 36-Kr-84
 Cross Section -100.0 To 9999. %



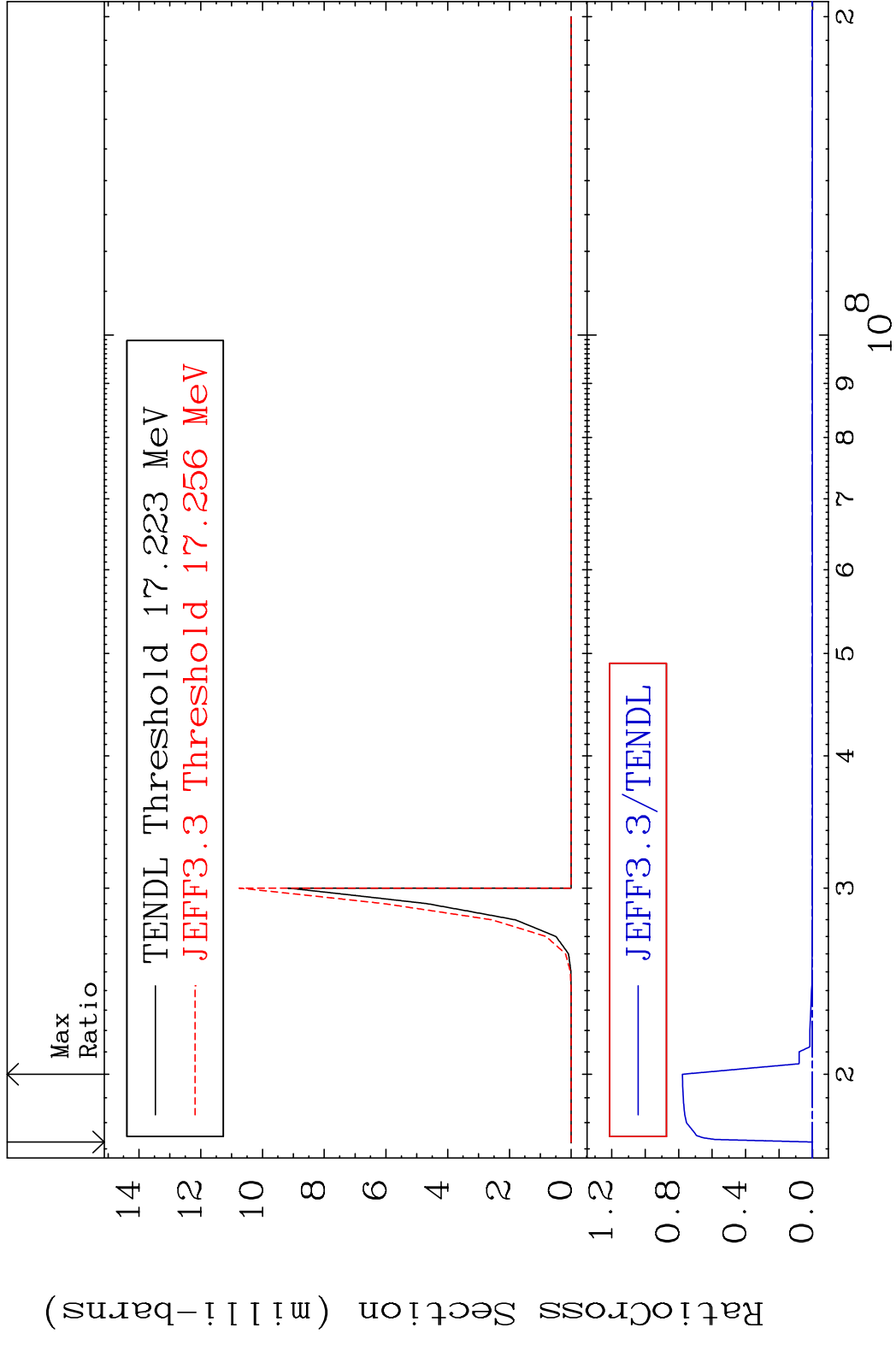
MAT 3643 (n,2n):36-Kr-83g 36-Kr-84
 Radionuclide Production Cross Section 47.97 %

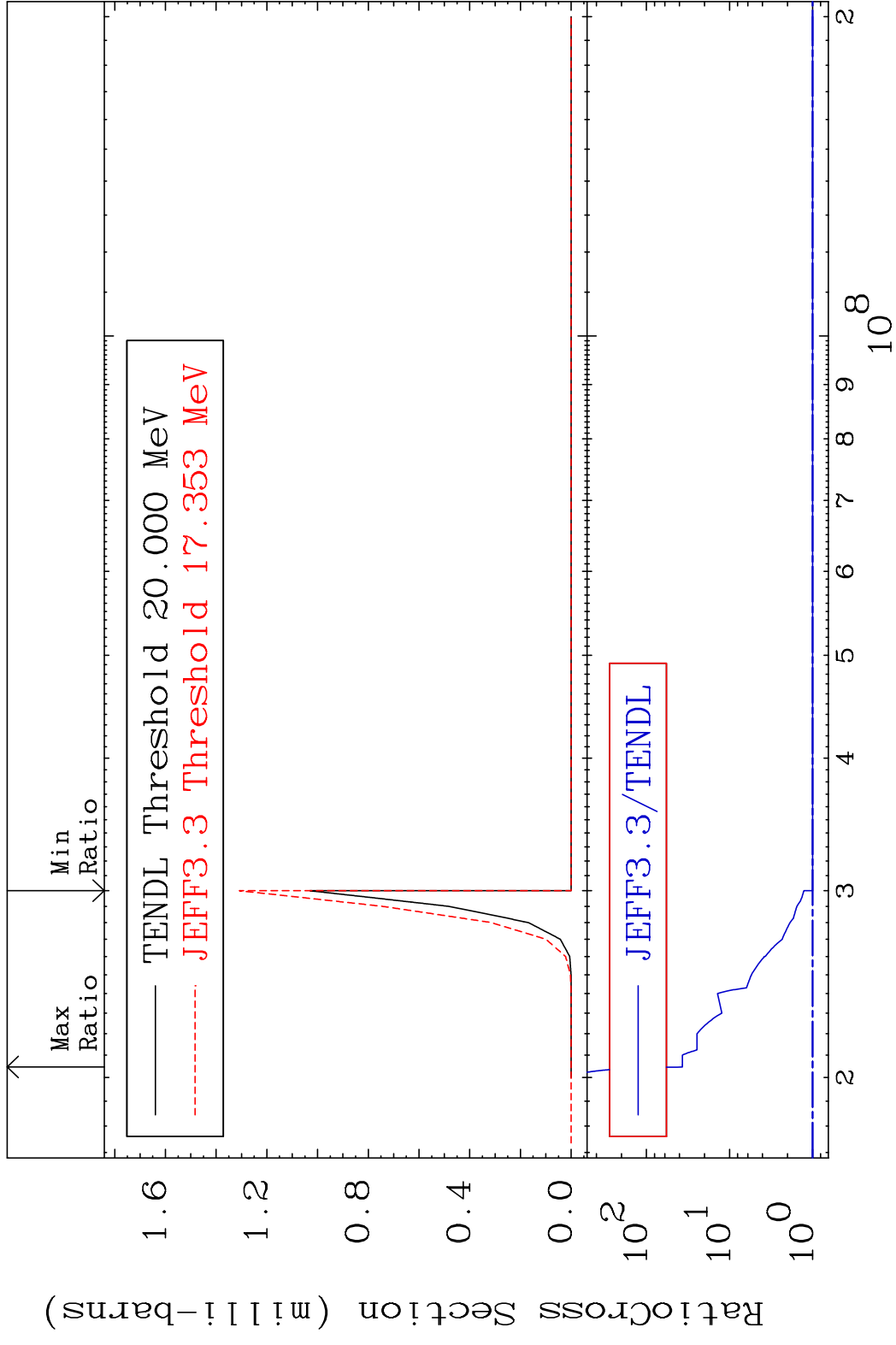


MAT 3643 (n,2n):36-Kr-83m2 36-Kr-84
 Radionuclide Production Cross Section 81.24 %

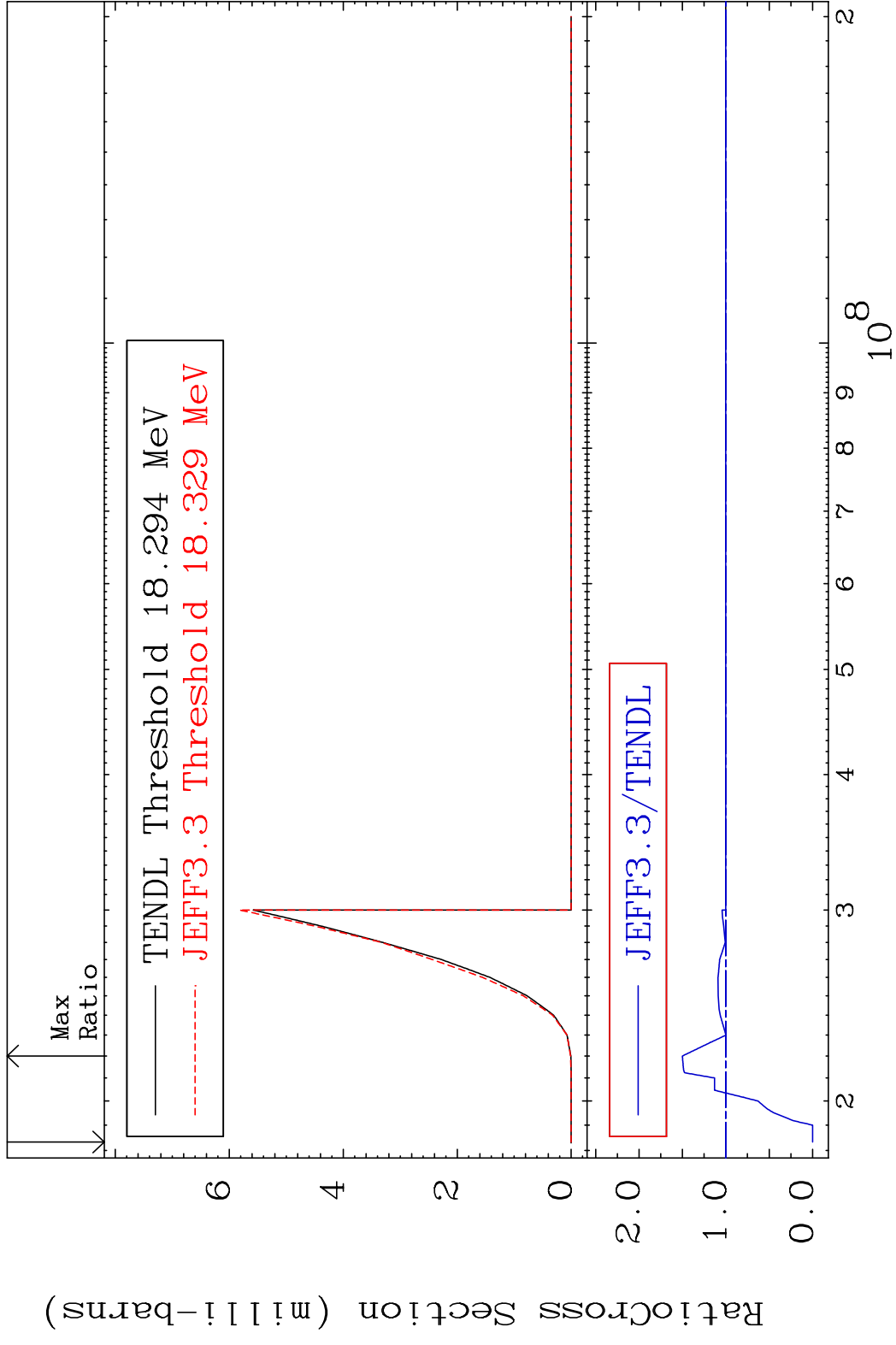


MAT 3643 (n,2n) α :34-Se-79g 36-Kr-84
Radionuclide Production Cross Section Ratio 9999. %

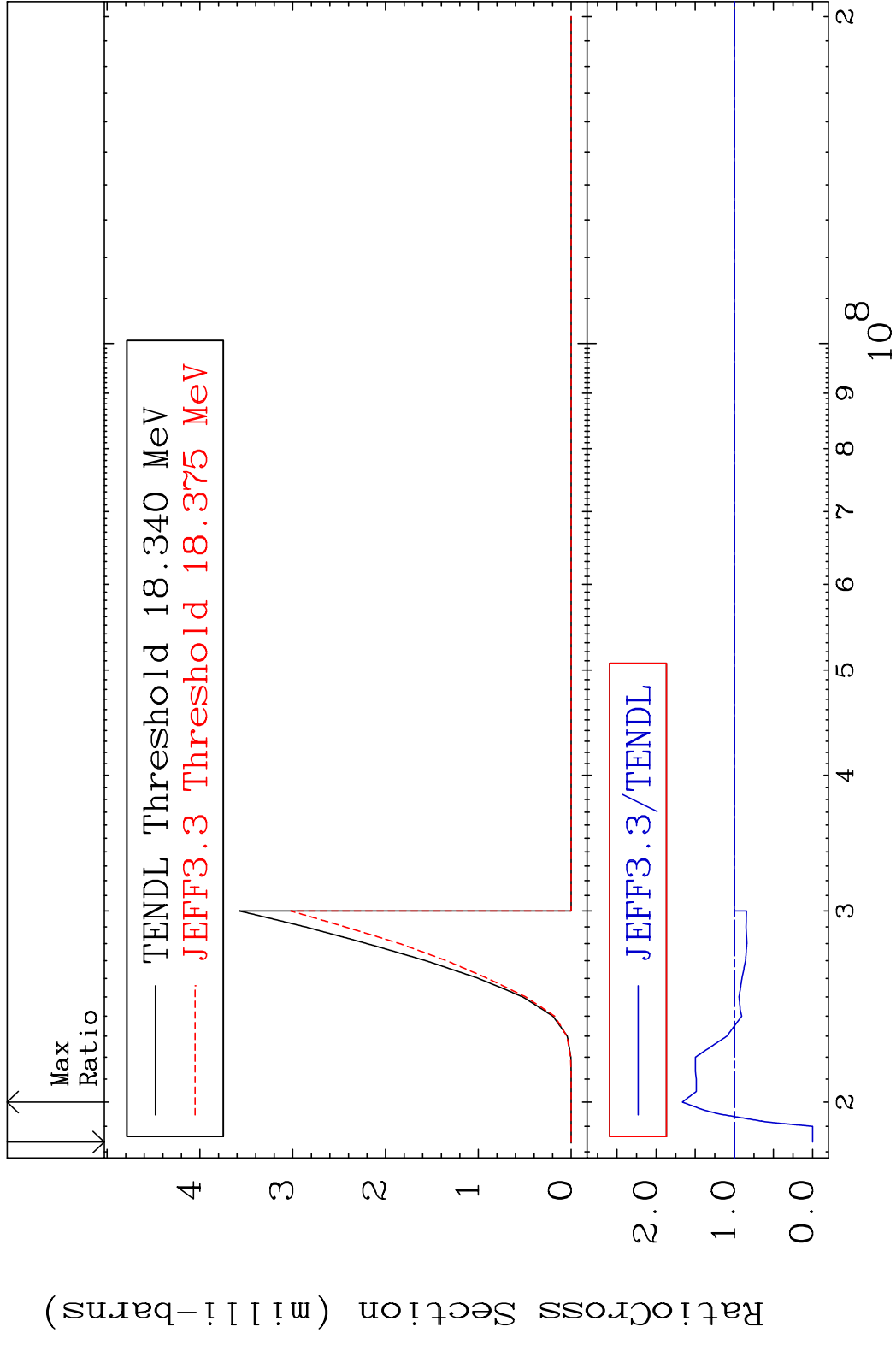


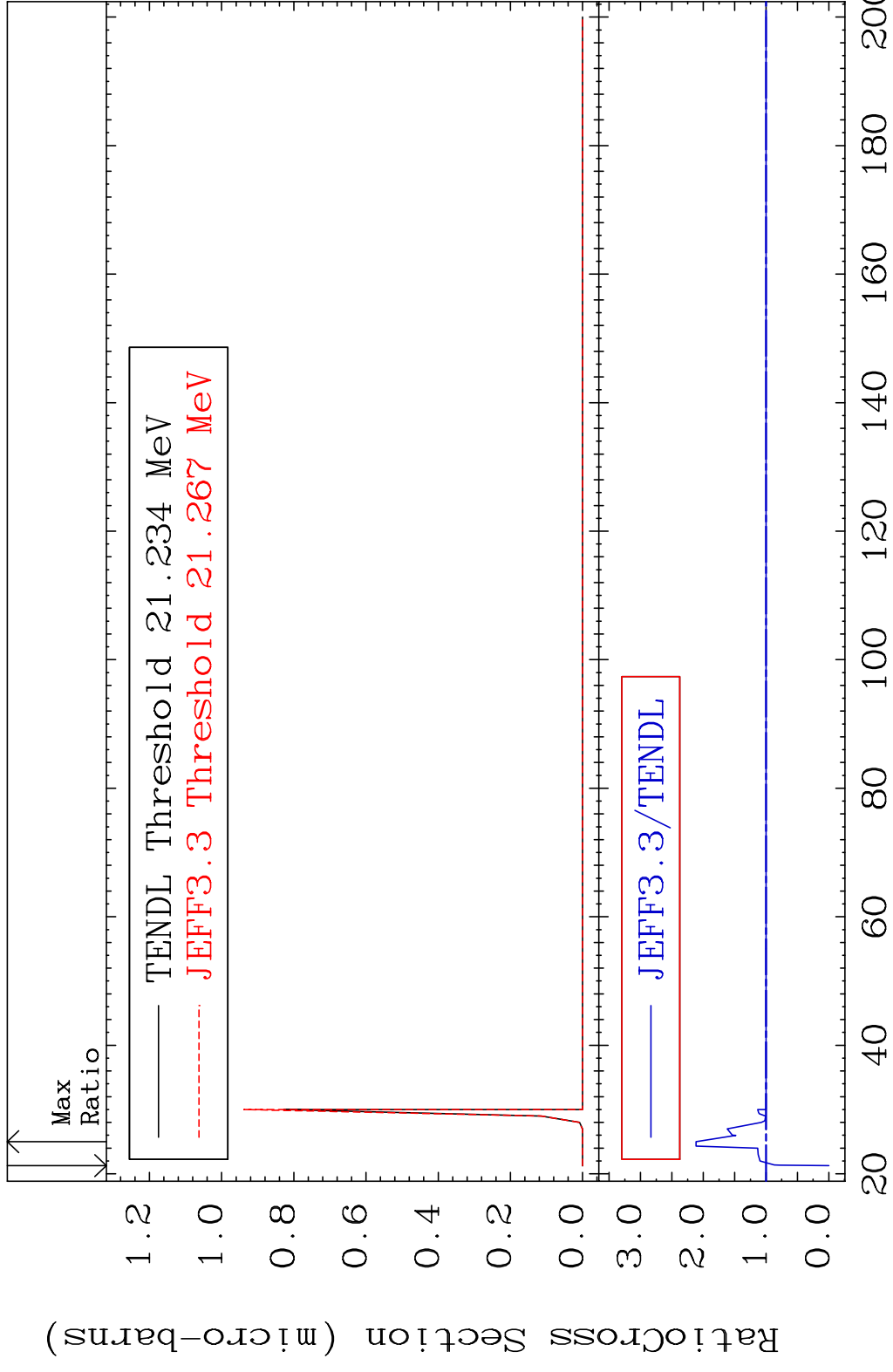


MAT 3643 (n, n') d:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 18.0410 50.04 %

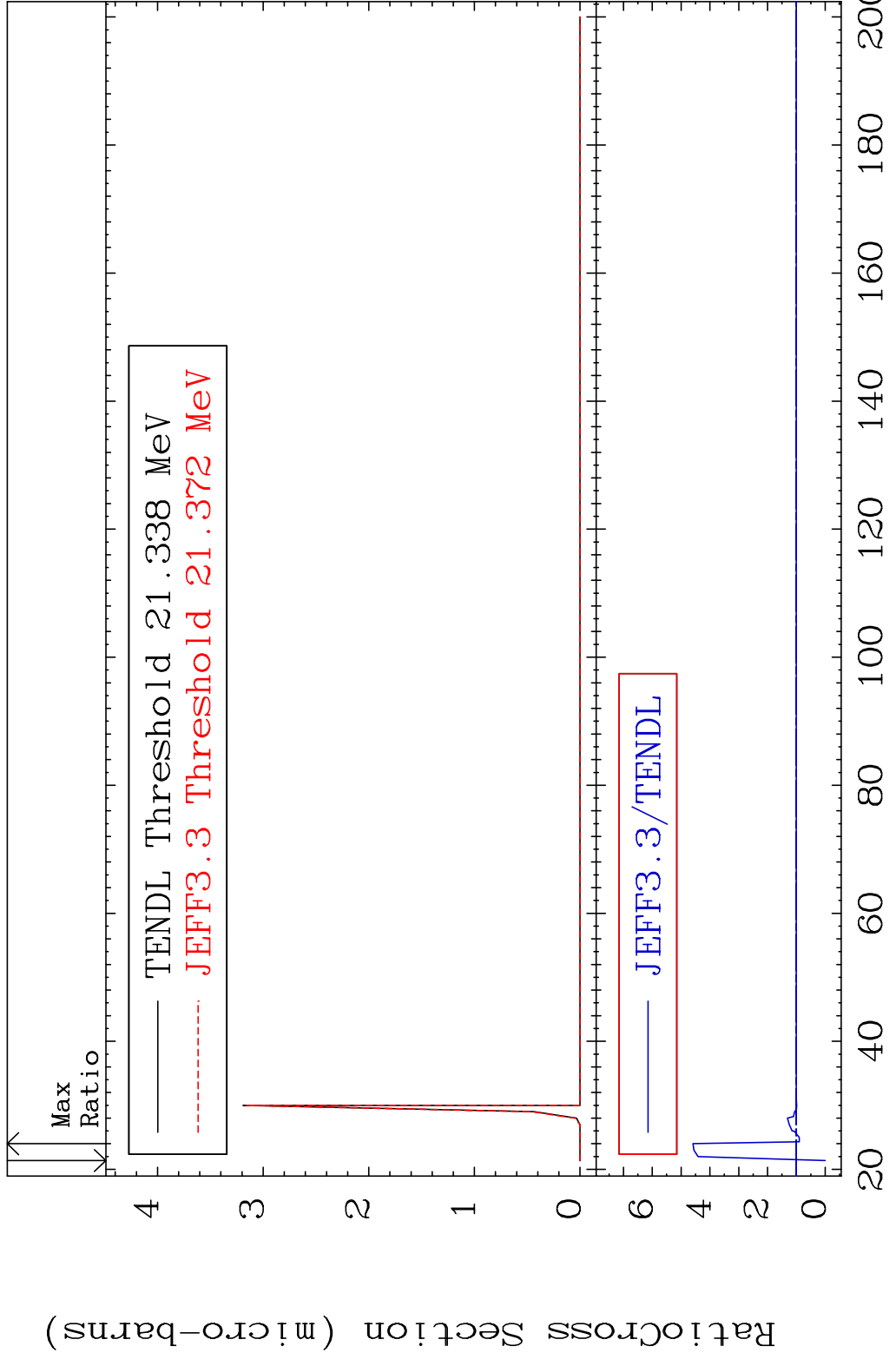


MAT 3643 (n, n') d:35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section Ratio 66.48 %



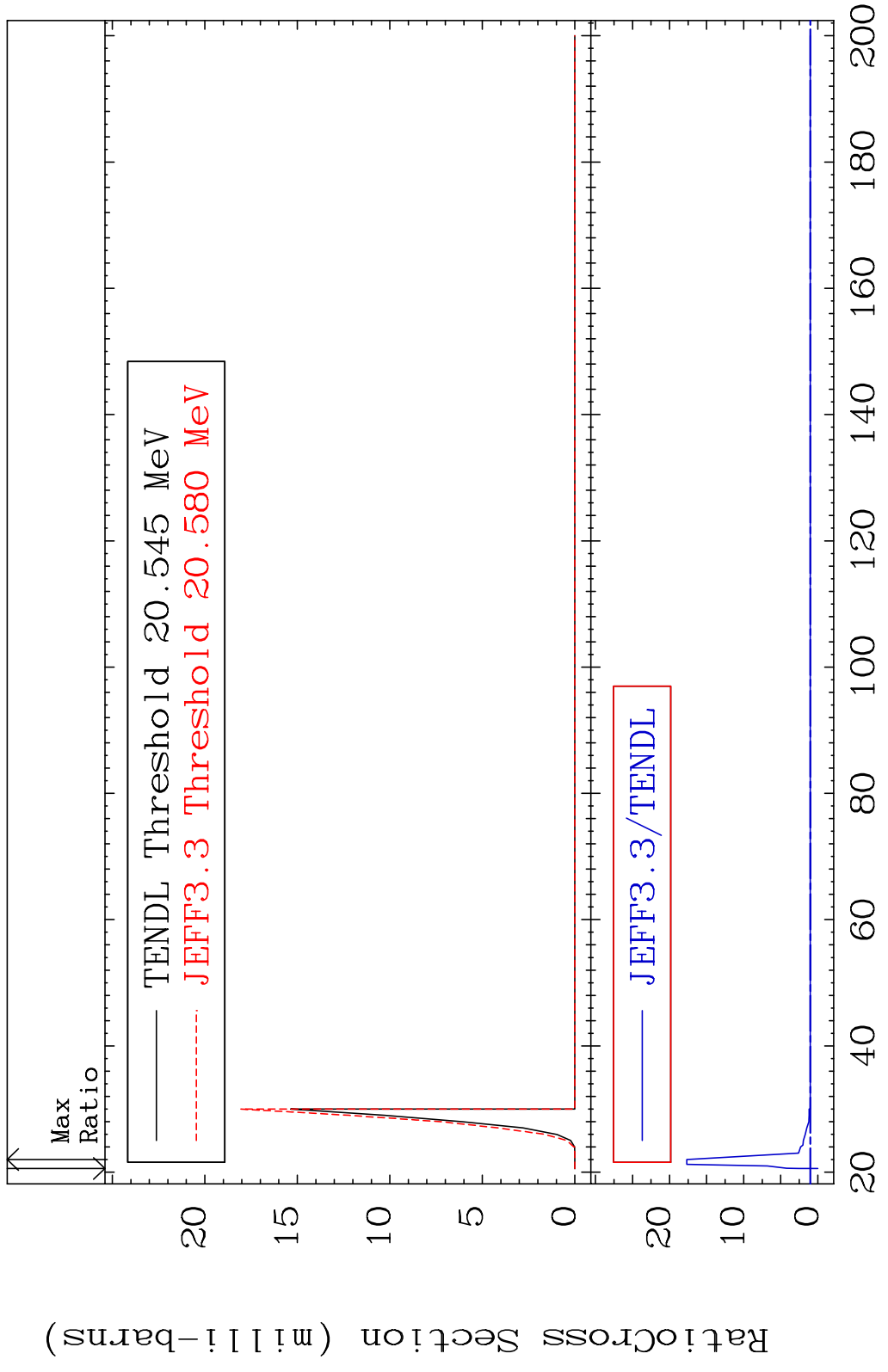


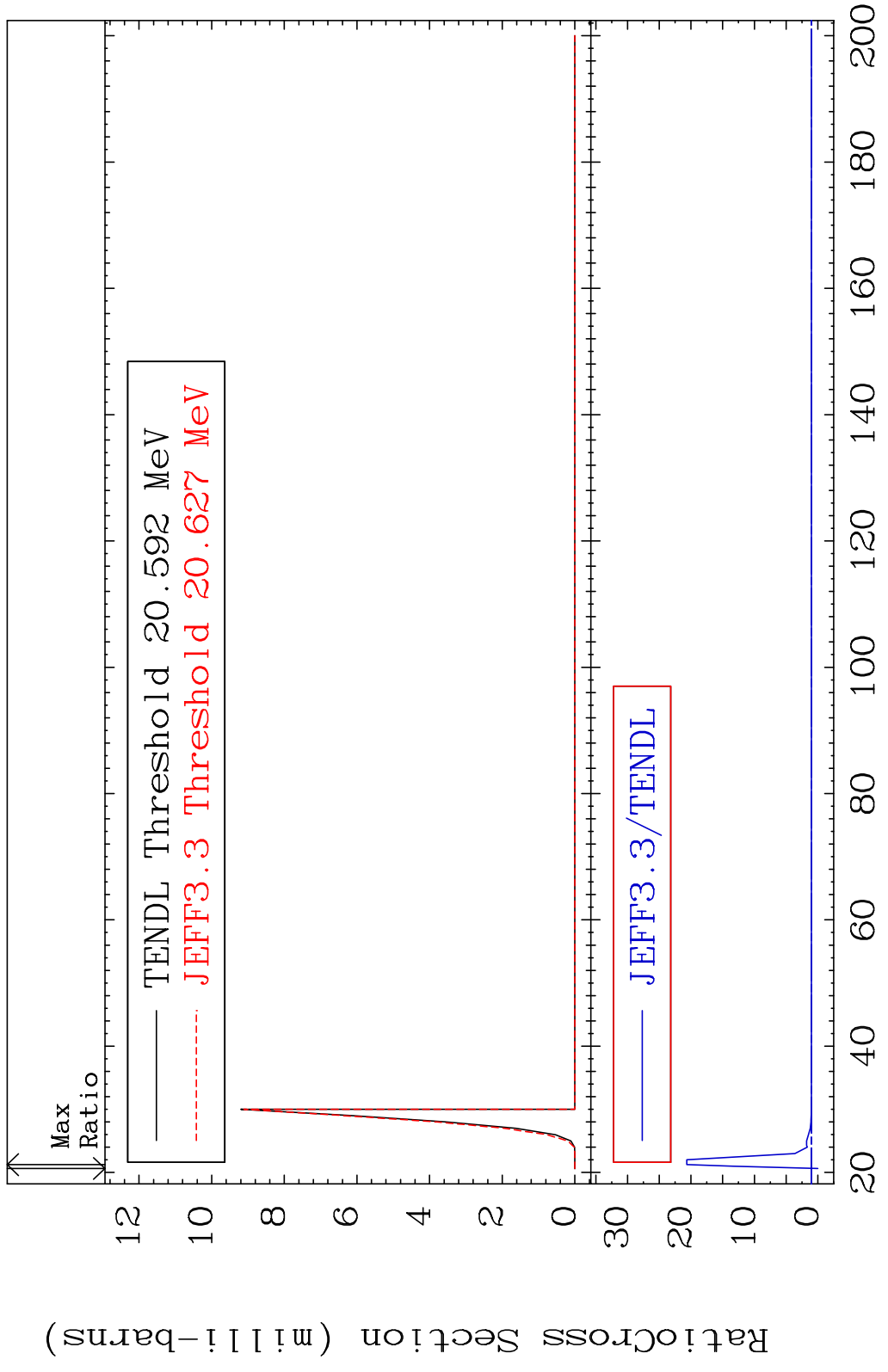
MAT 3643 (n, n') He-3:34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section 1800 d to 358.9 %

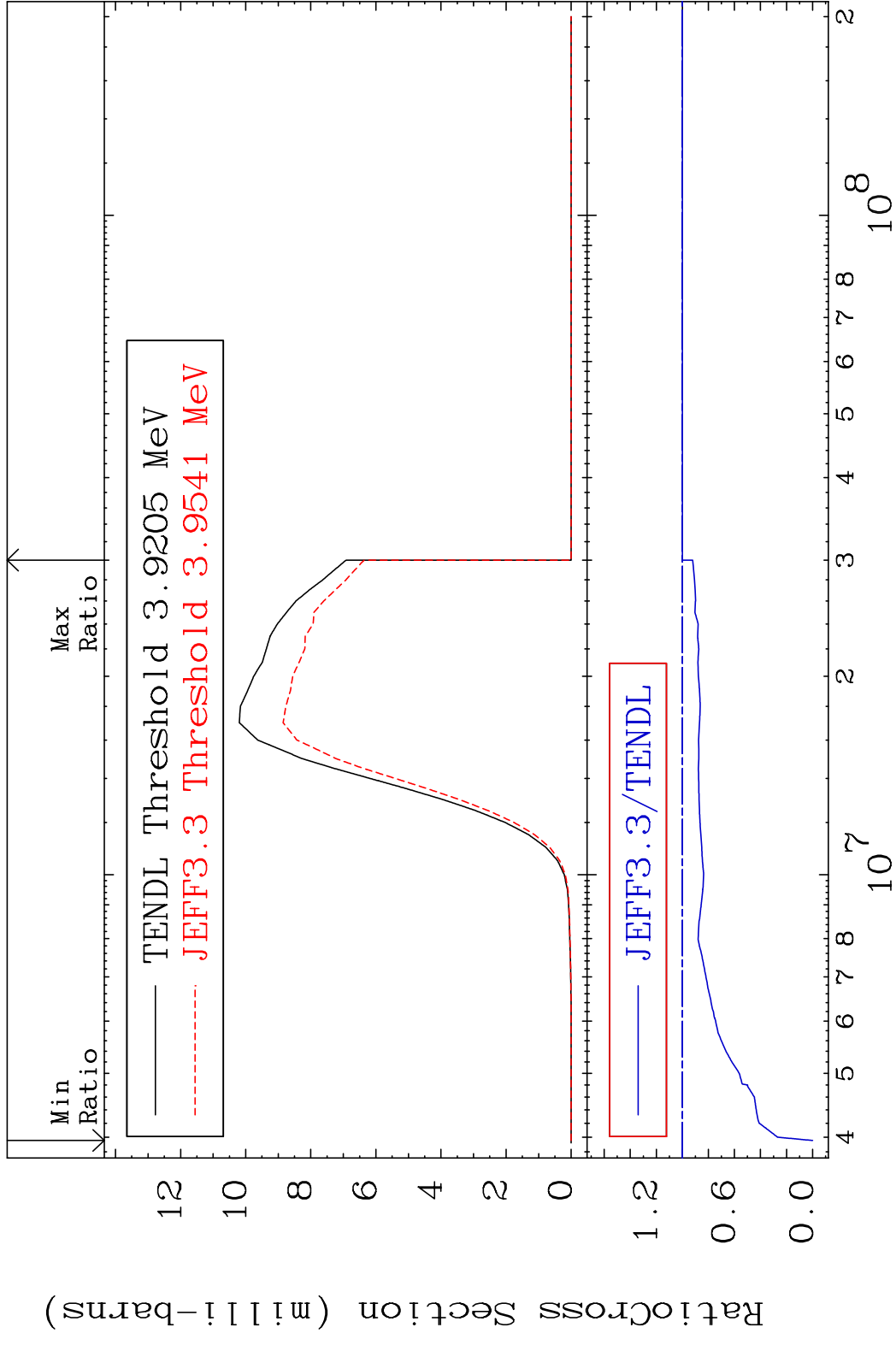


80 Incident Energy (MeV) 36-Kr-84

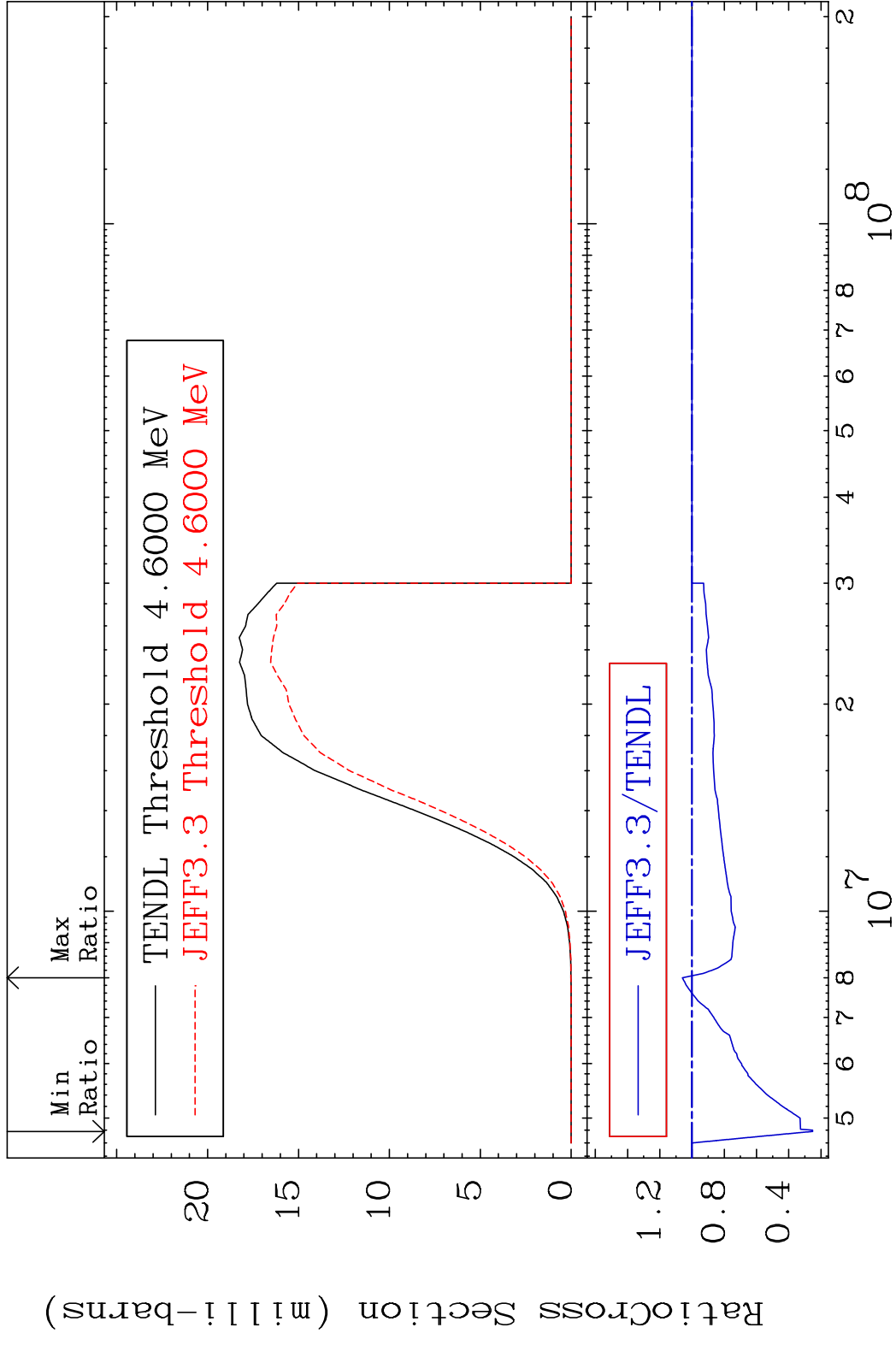
MAT 3643 (n,2n) p:35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section 180c0i d10 1668. %



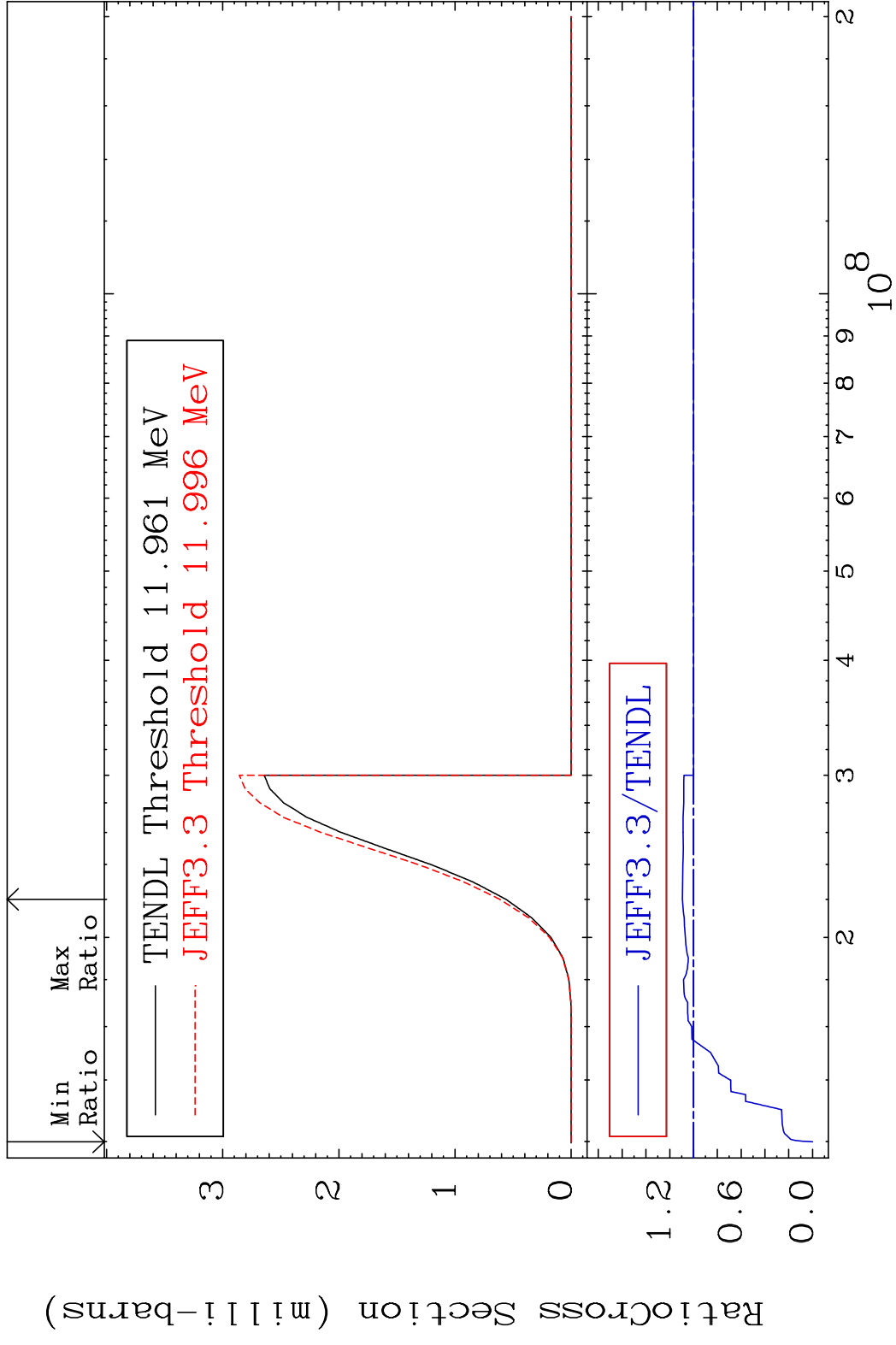




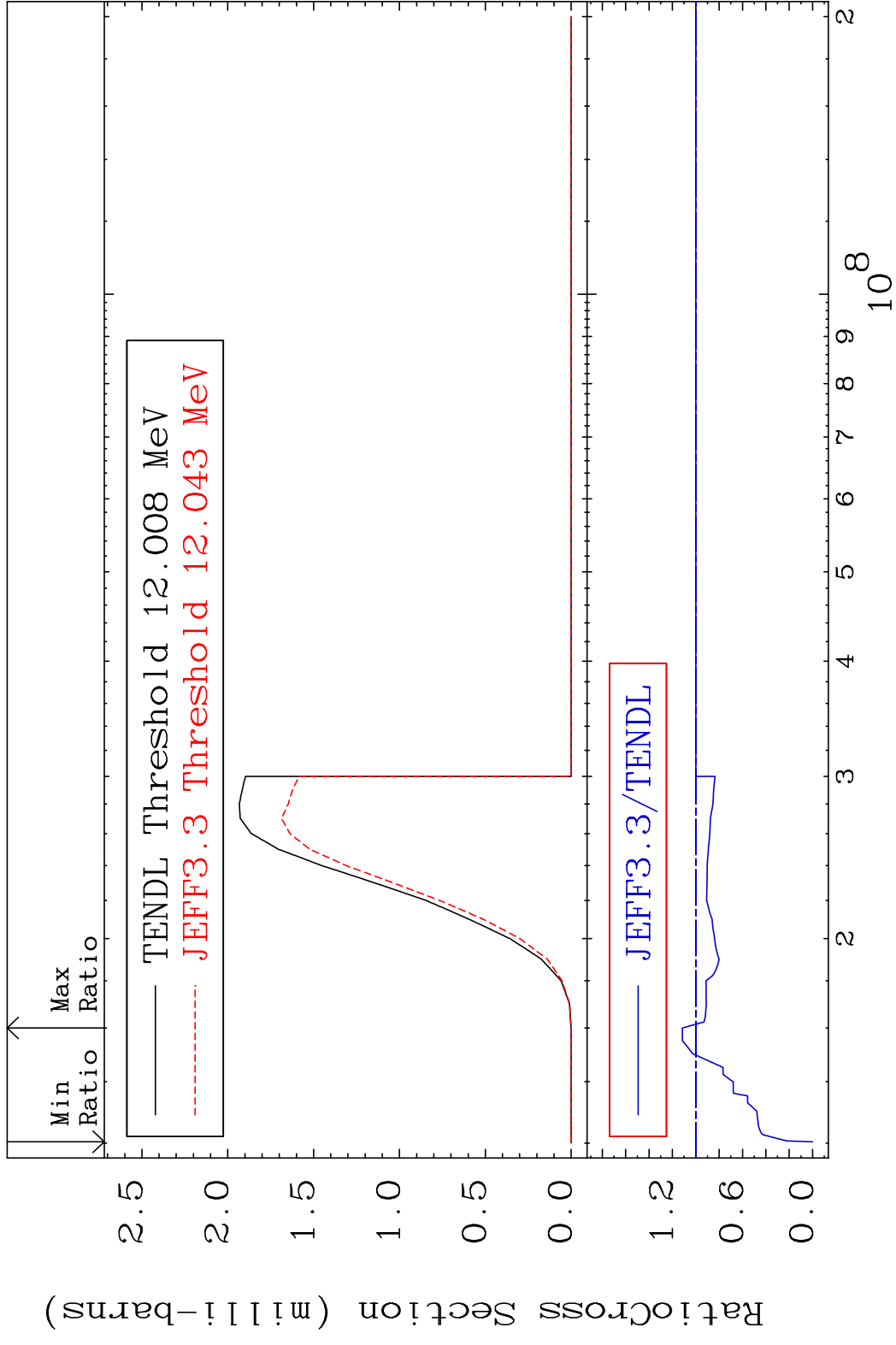
MAT 3643 (n, p):35-Br-84m1 36-Kr-84
 Radionuclide Production Cross Section 6.008 %



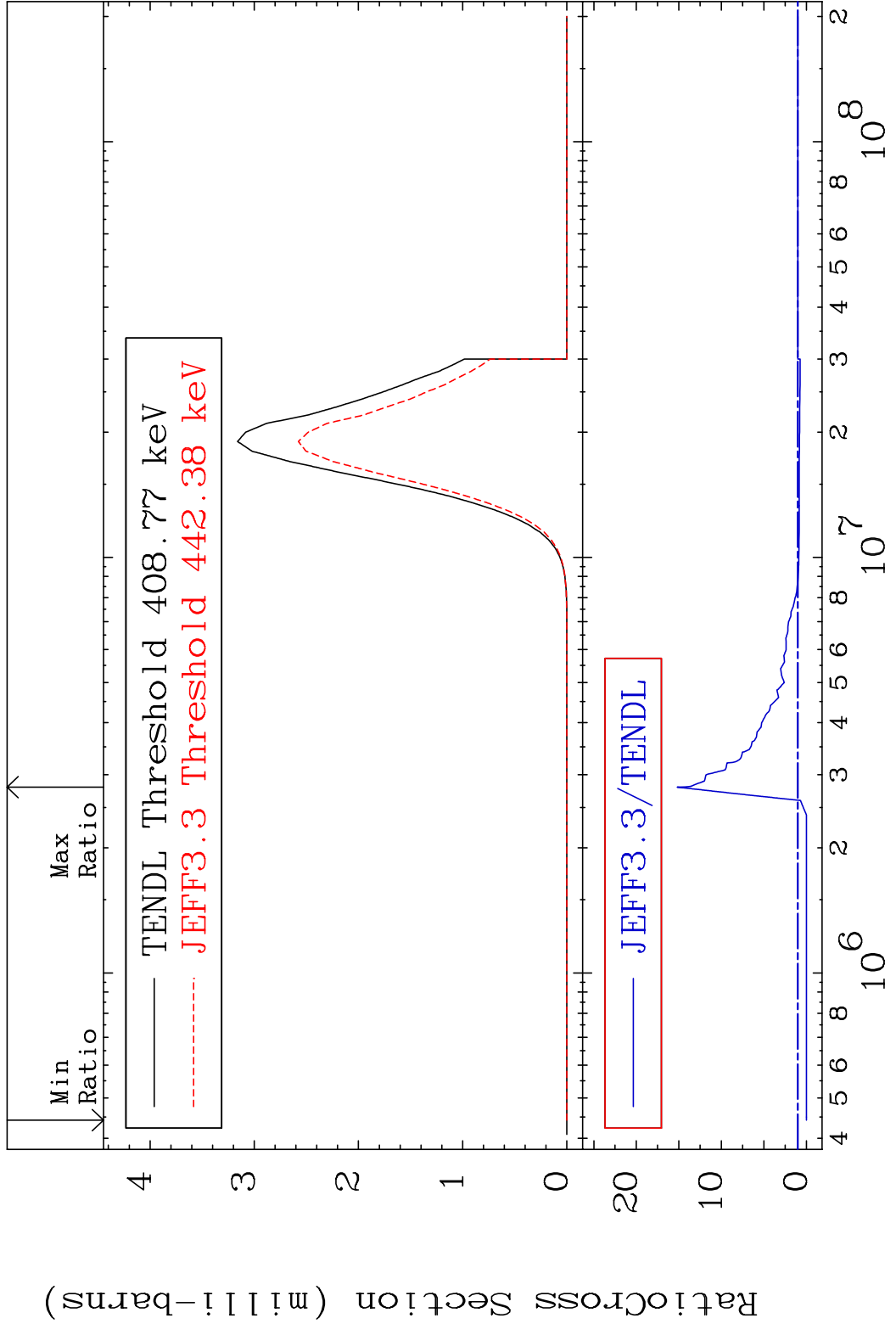
MAT 3643 (n, t):35-Br-82g 36-Kr-84
 Radionuclide Production Cross Section Ratio 9.404 %

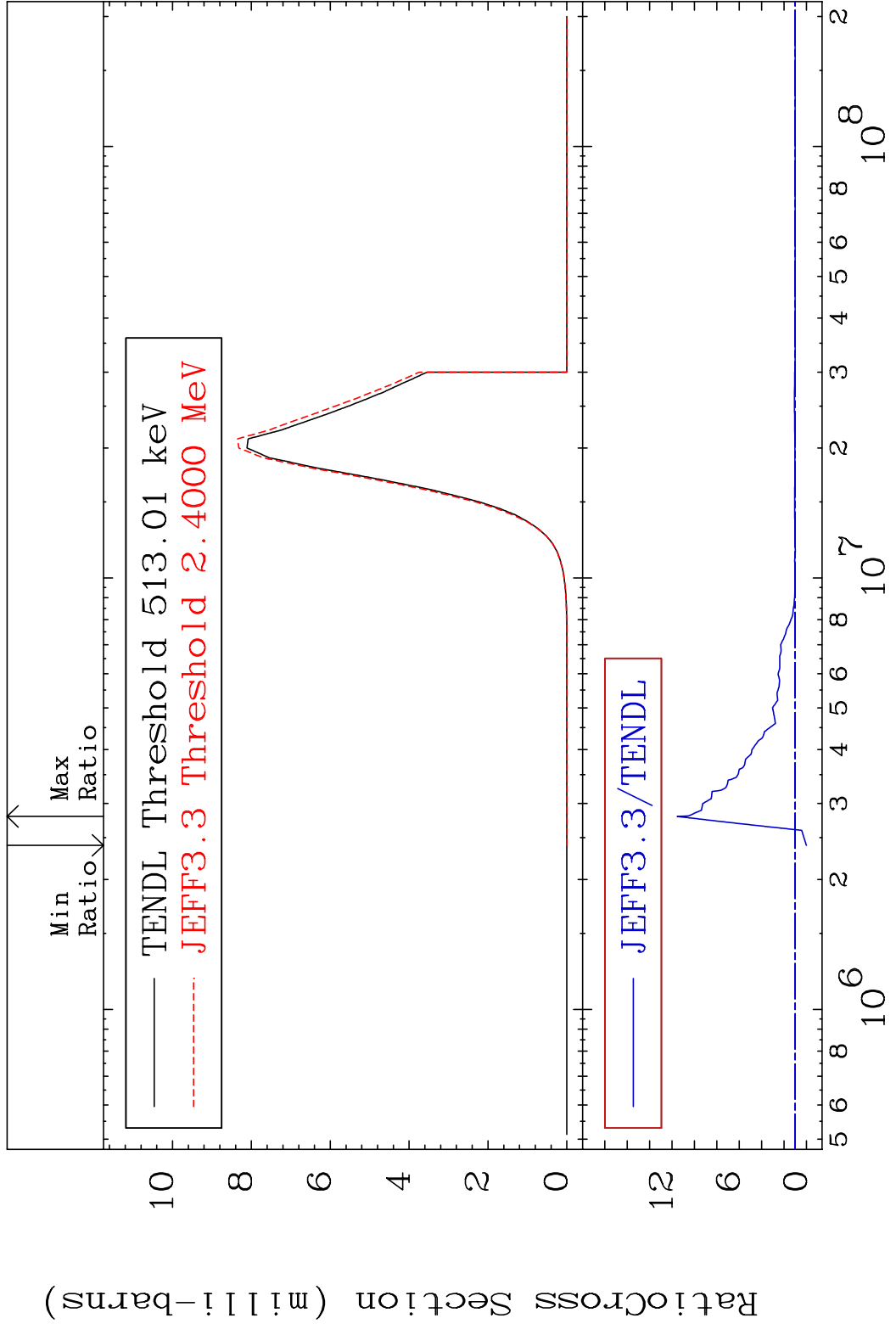


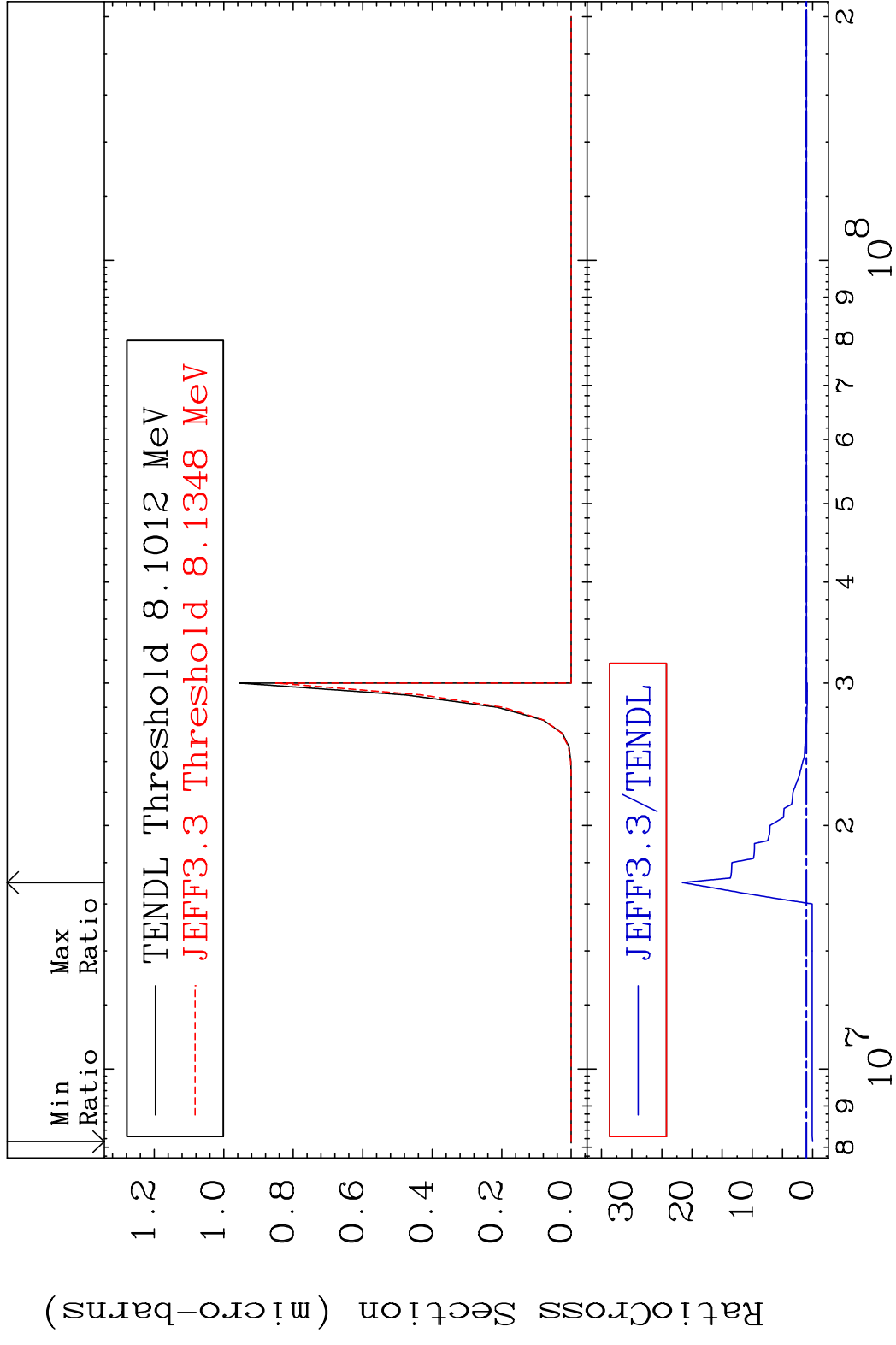
MAT 3643 (n, t):35-Br-82m1 36-Kr-84
 Radionuclide Production Cross Section 180.01 dno 11.48 %



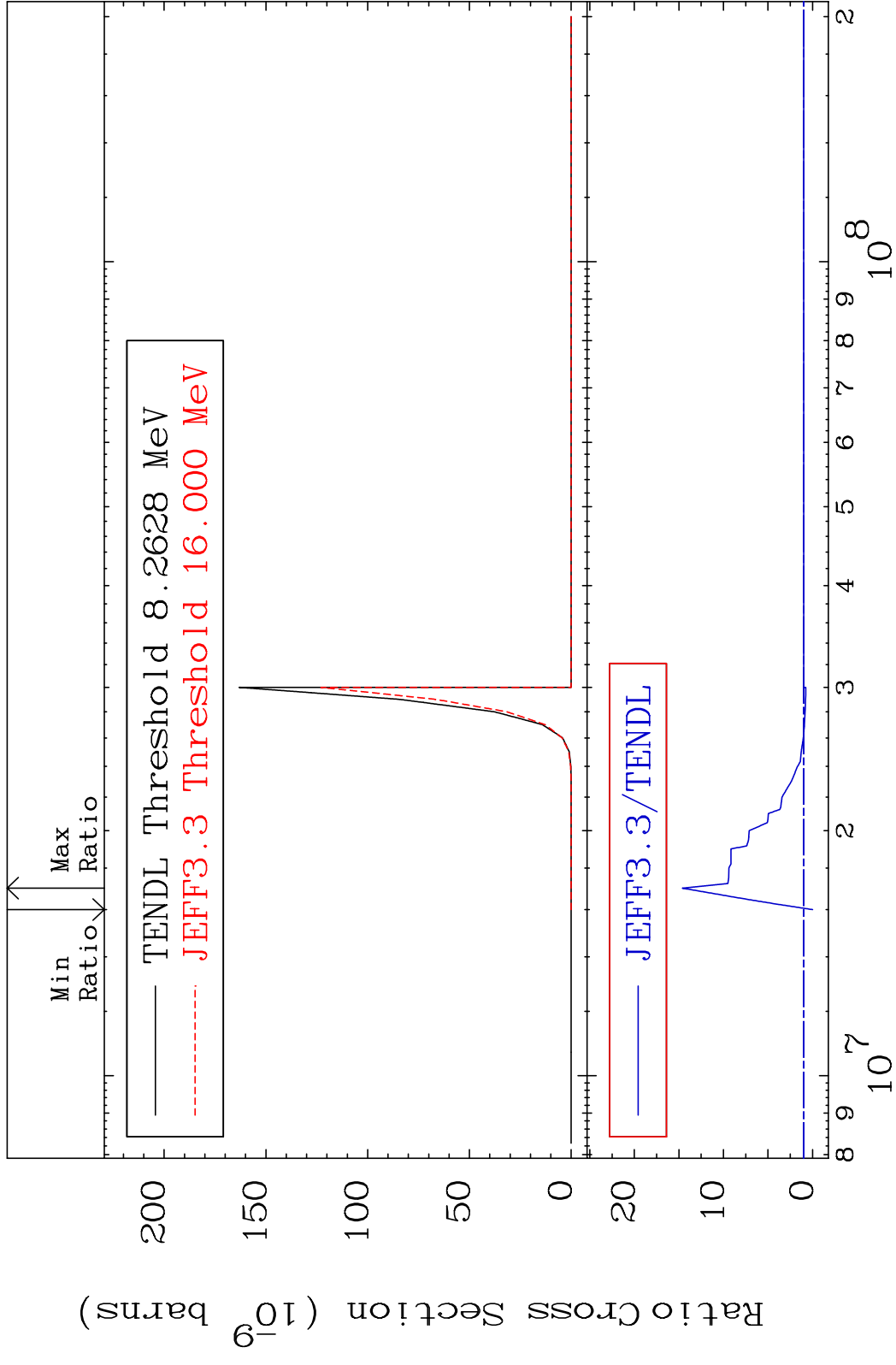
MAT 3643 (n, α):34-Se-81g 36-Kr-84
 Radionuclide Production Cross Section Ratio 1420. %





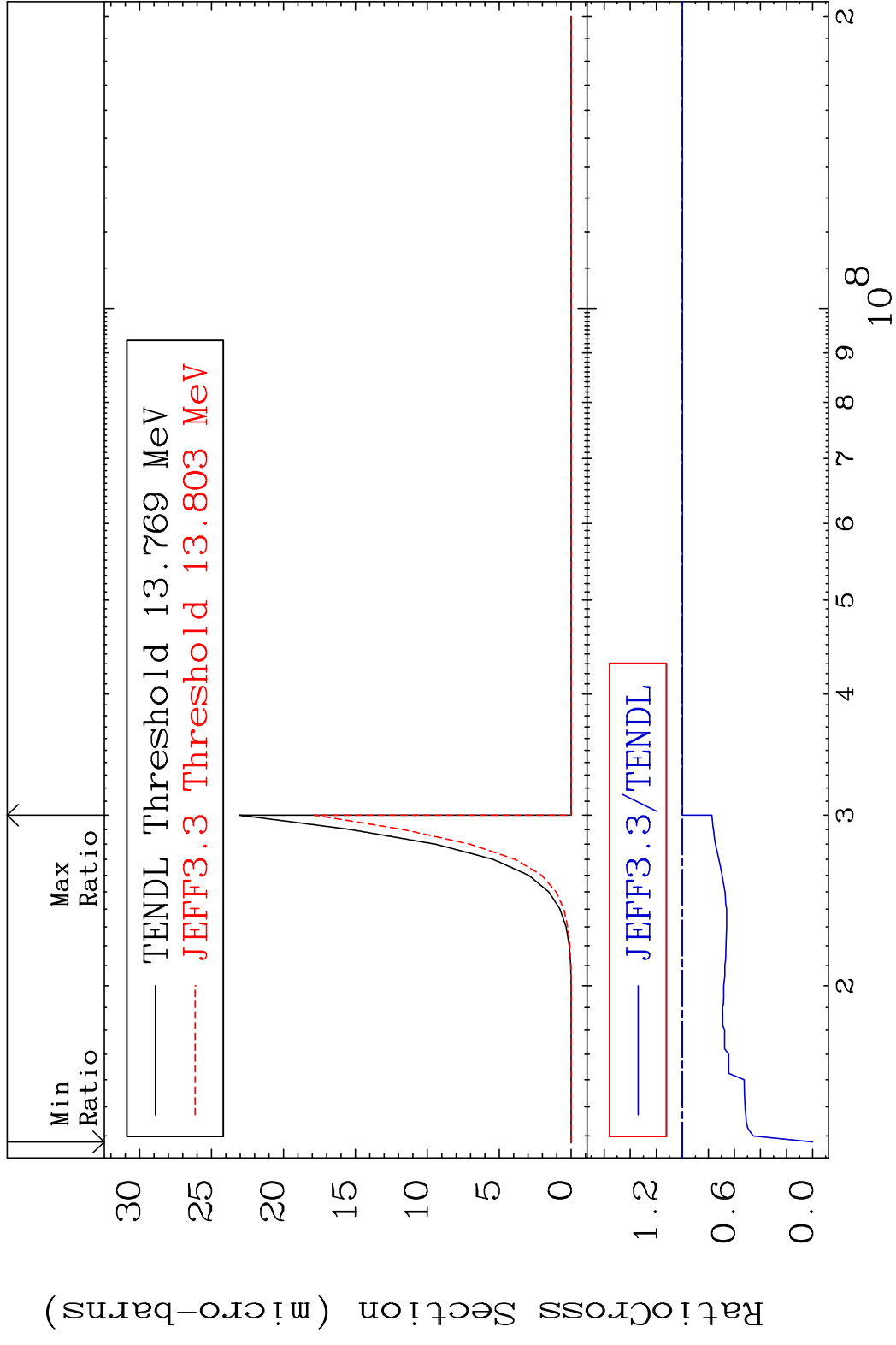


MAT 3643 (n,2α):32-Ge-77m1 36-Kr-84
 Radionuclide Production Cross Section 1361. %

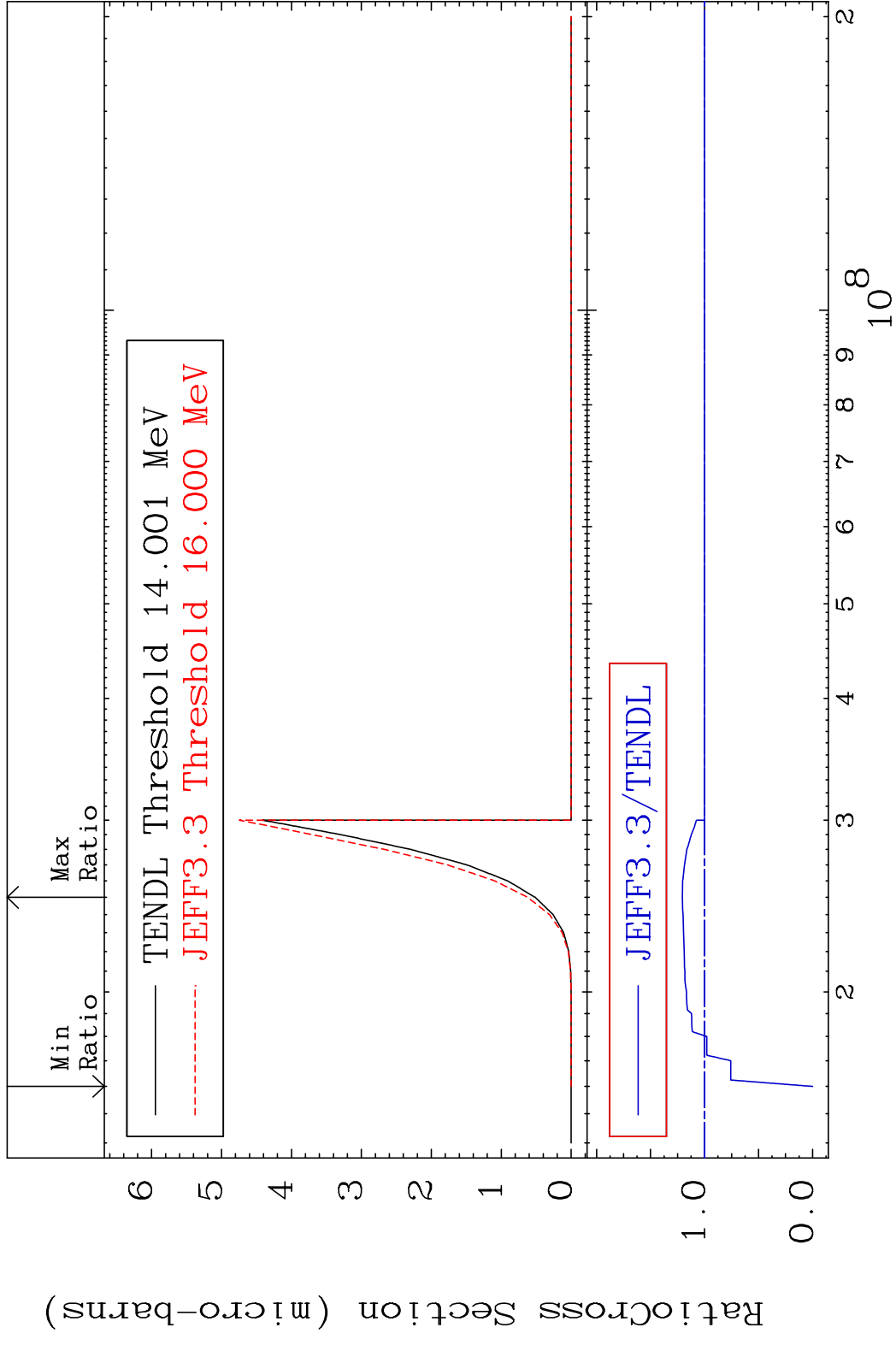


90 Incident Energy (eV) 36-Kr-84

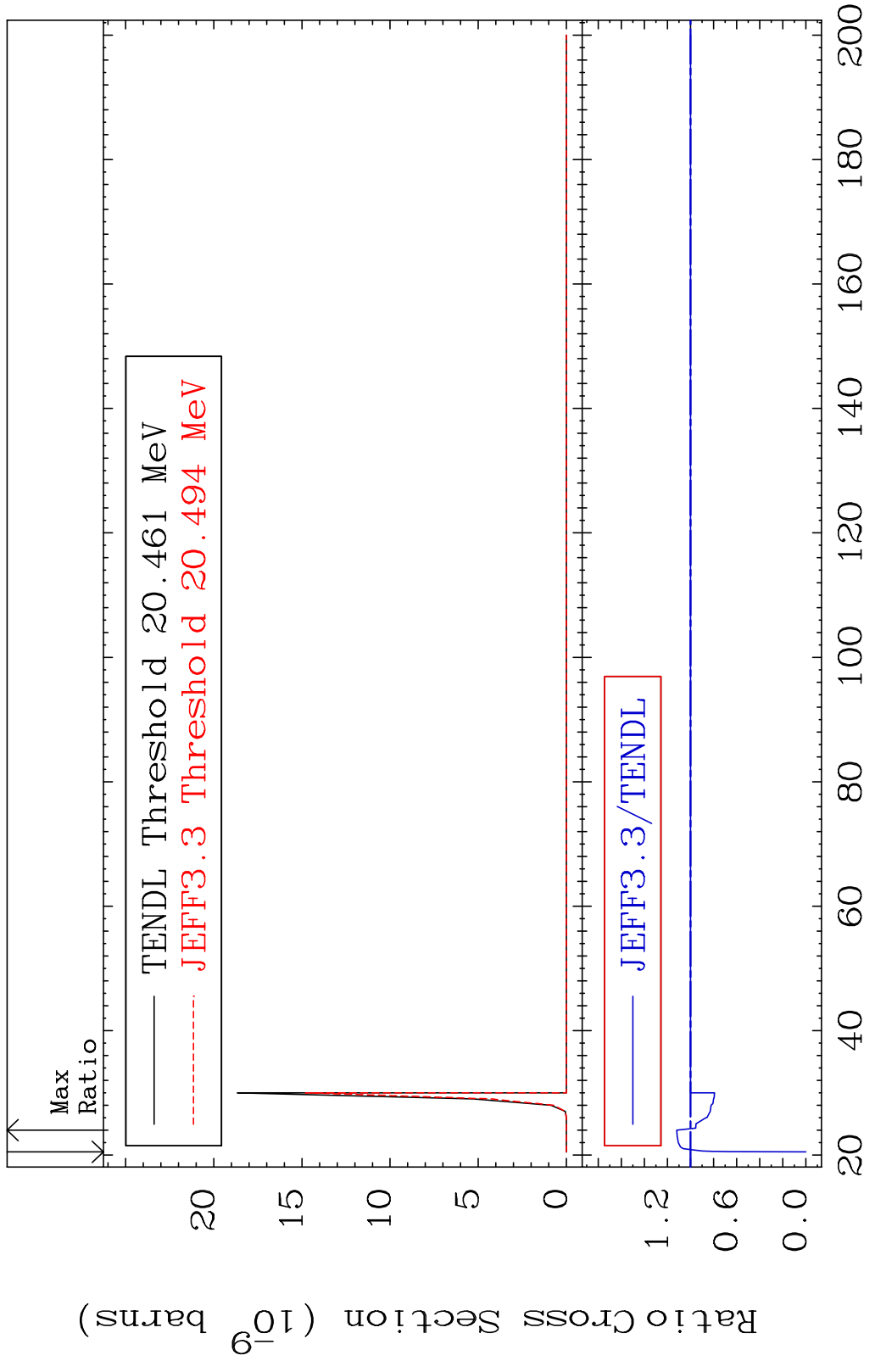
MAT 3643 (n,2p):34-Se-83g 36-Kr-84
 Radionuclide Production Cross Section Ratio 0.000 %



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 1800 d 11.99 %



MAT 3643 (n,p) t:34-Se-81m1 36-Kr-84
 Radionuclide Production Cross Section 1800 d to 12.66 %

