

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

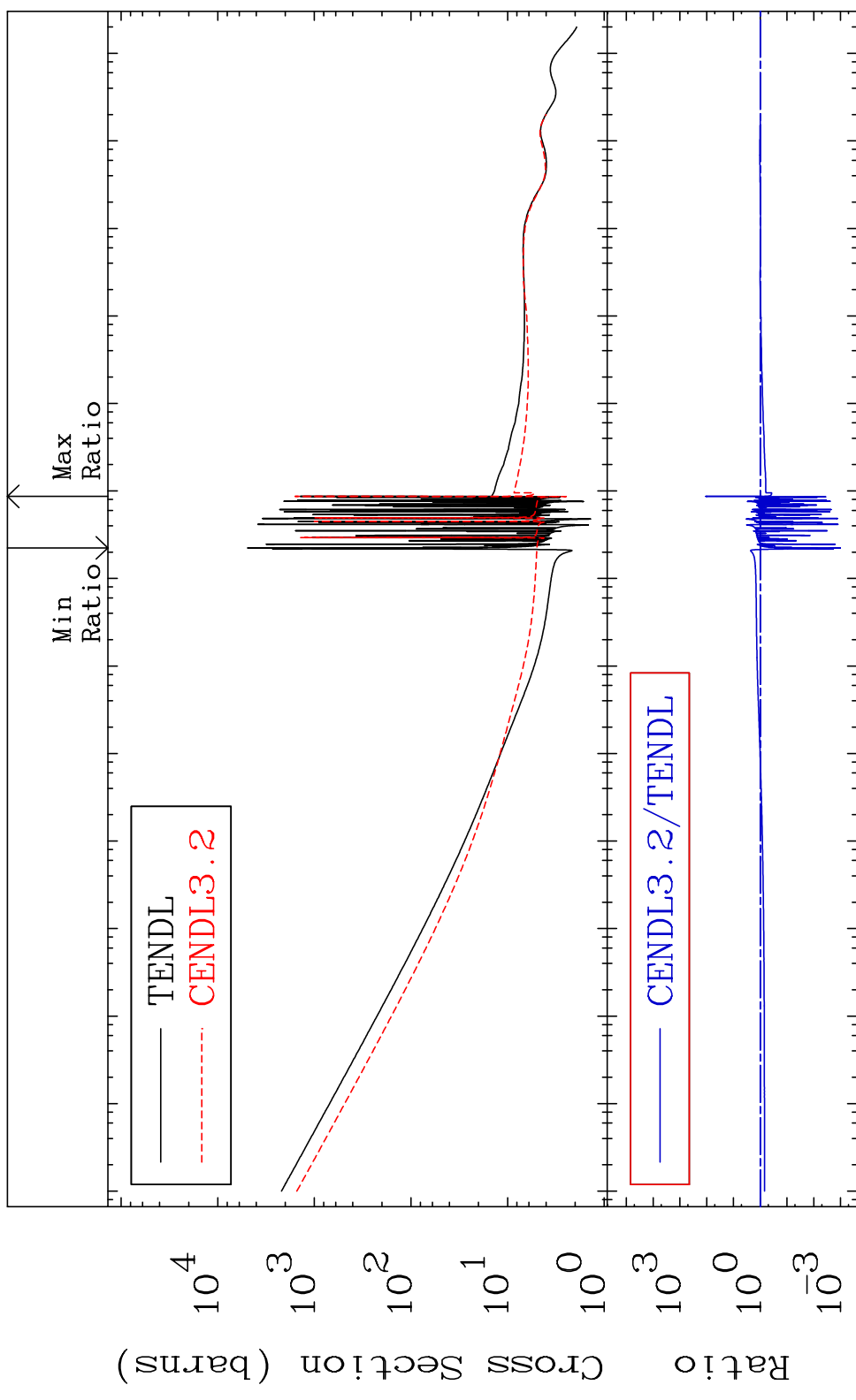
MAT 5034

Total

50-Sn-115

Cross Section

-99.90 To 9999. %



1

Incident Energy (eV)

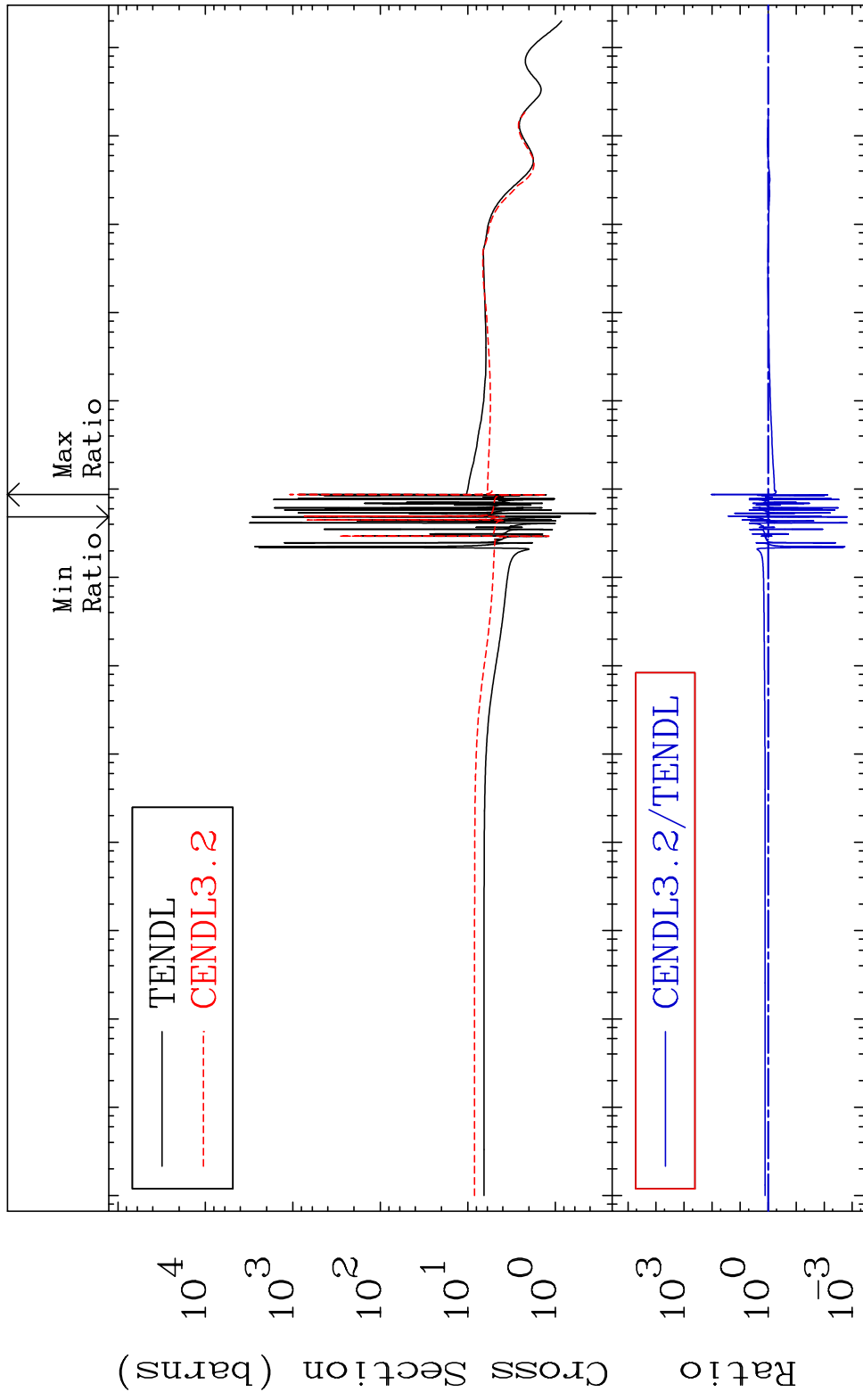
50-Sn-115

MAT 5034

Elastic

50-Sn-115

Cross Section -99.85 To 9999. %

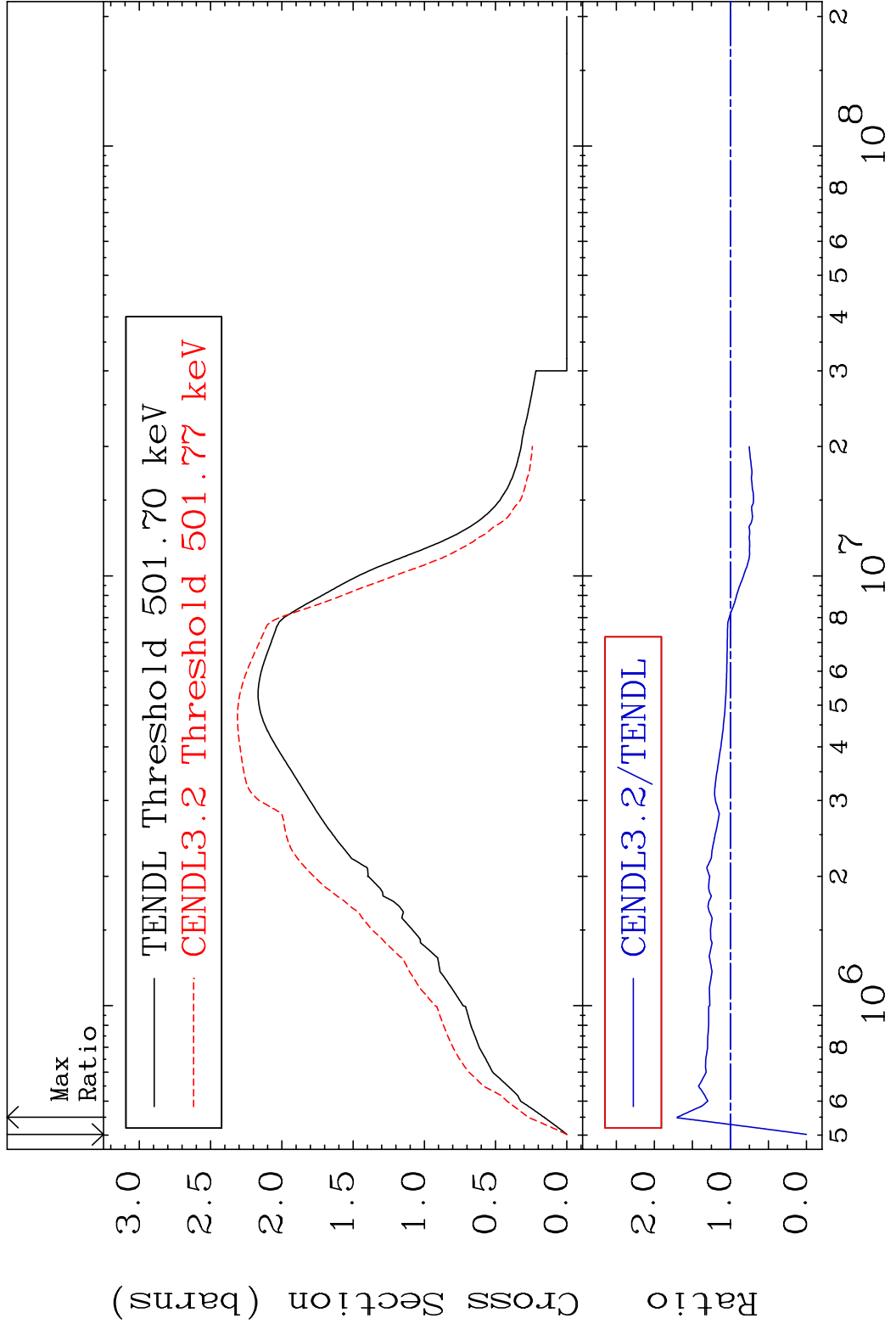


2

Incident Energy (eV)

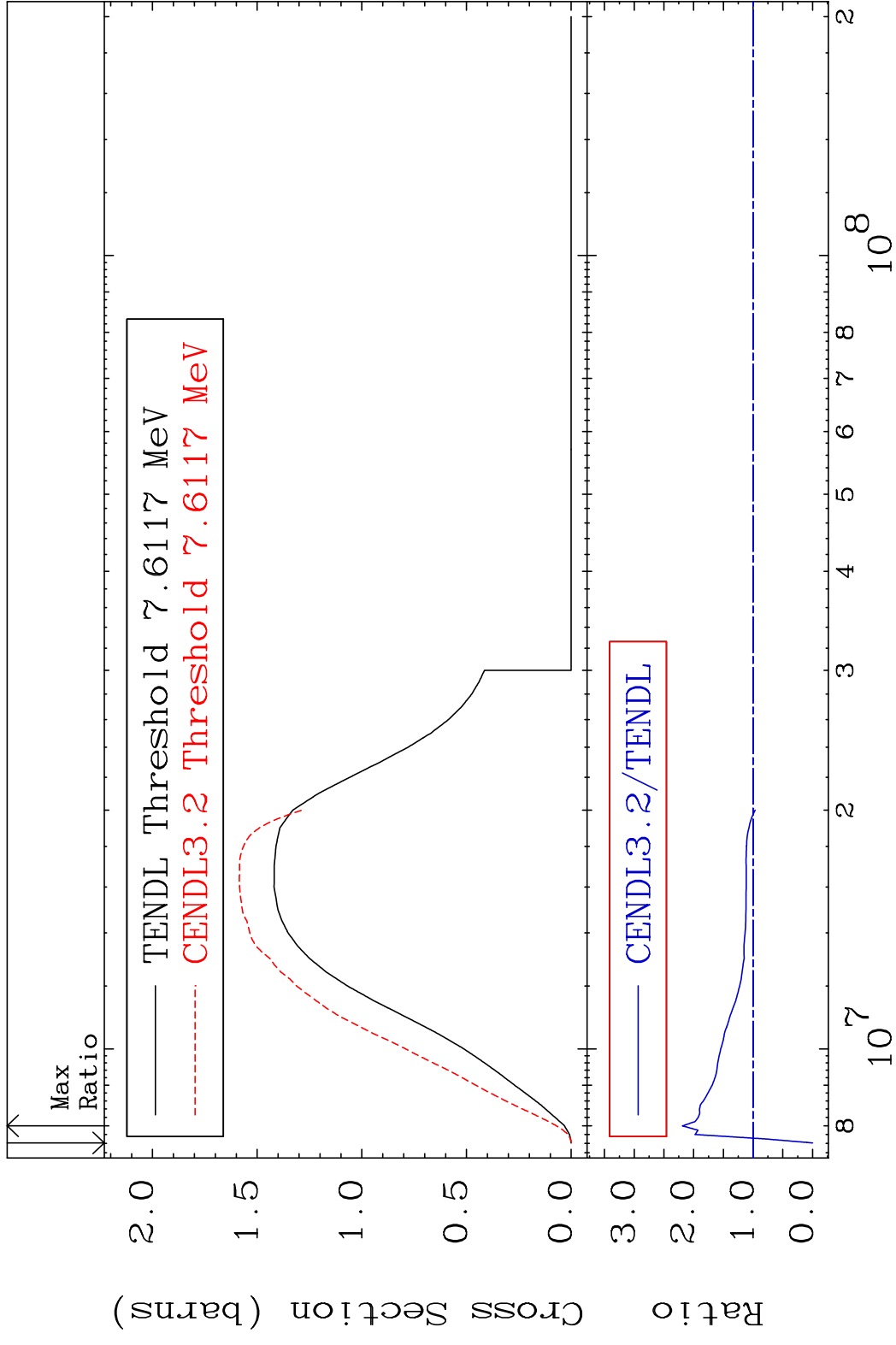
50-Sn-115

MAT 5034 Inelastic 50-Sn-115
 Cross Section -100.0 To 69.89 %



3 Incident Energy (eV) 50-Sn-115

MAT 5034 (n,2n) 50-Sn-115
 Cross Section -100.0 To 119.0 %



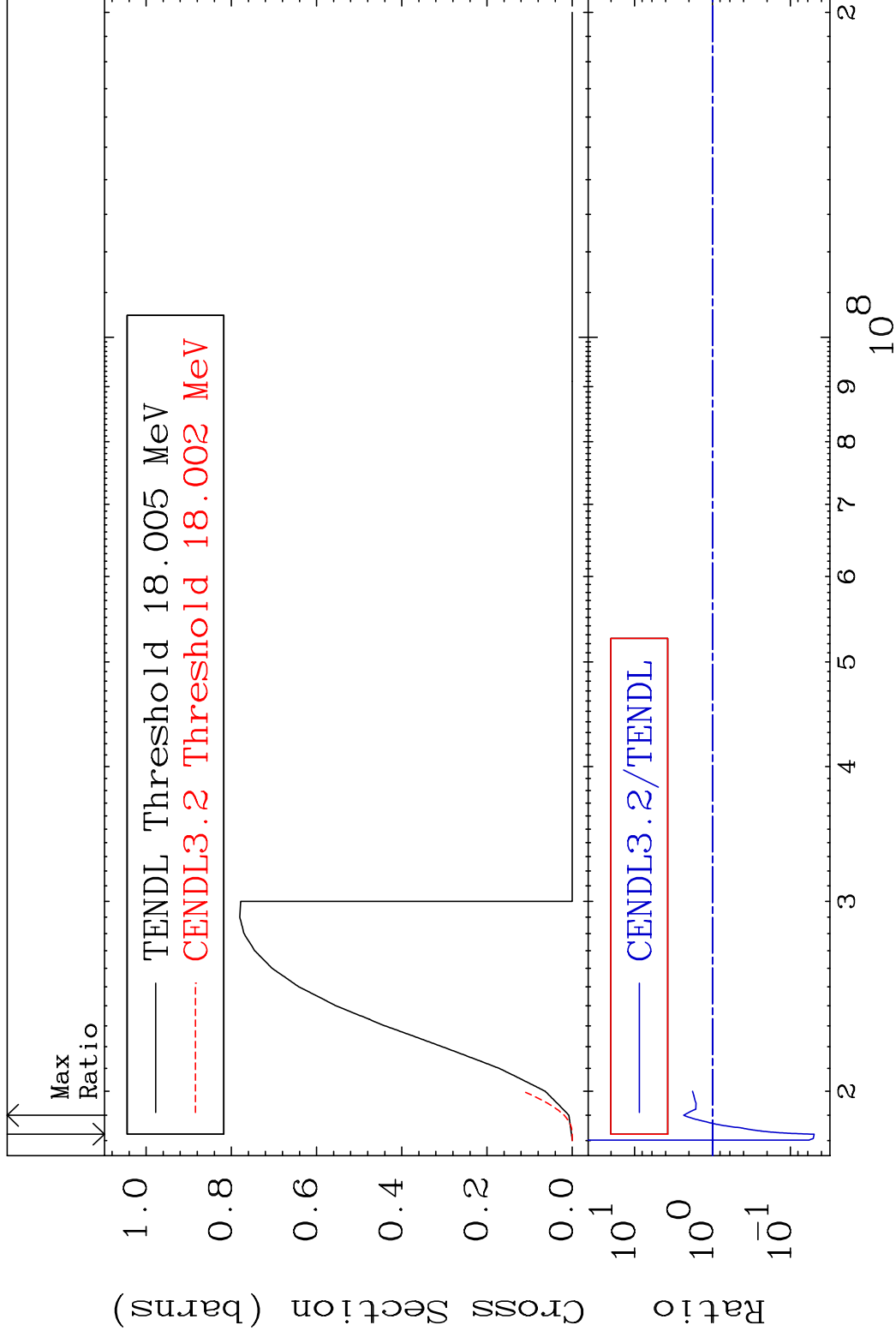
4 Incident Energy (eV) 50-Sn-115

MAT 5034

(n,3n)

50-Sn-115

Cross Section -95.03 To 134.5 %

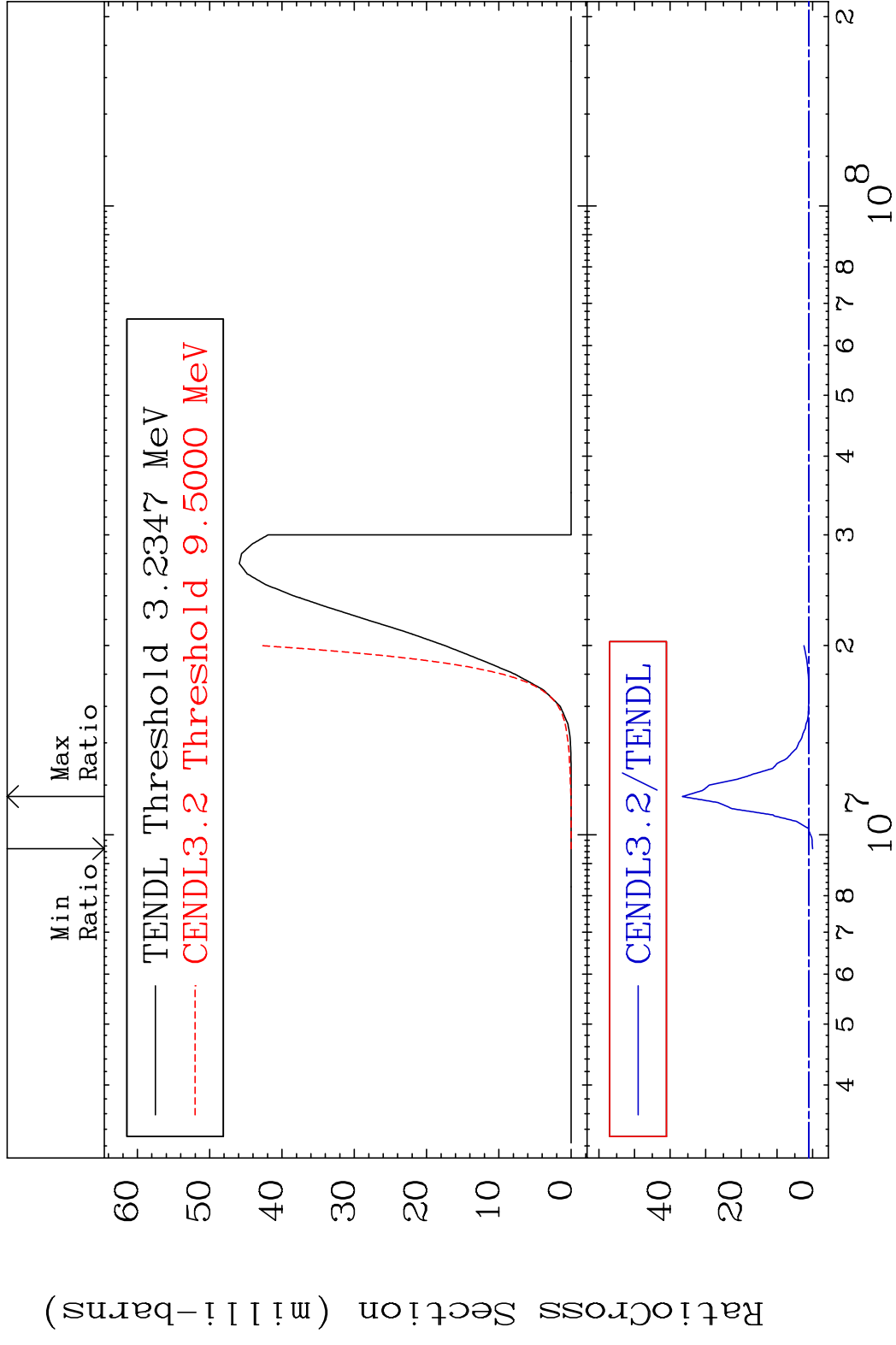


5

Incident Energy (eV)

50-Sn-115

MAT 5034 (n, n') α 50-Sn-115
 Cross Section -100.0 To 3556. %

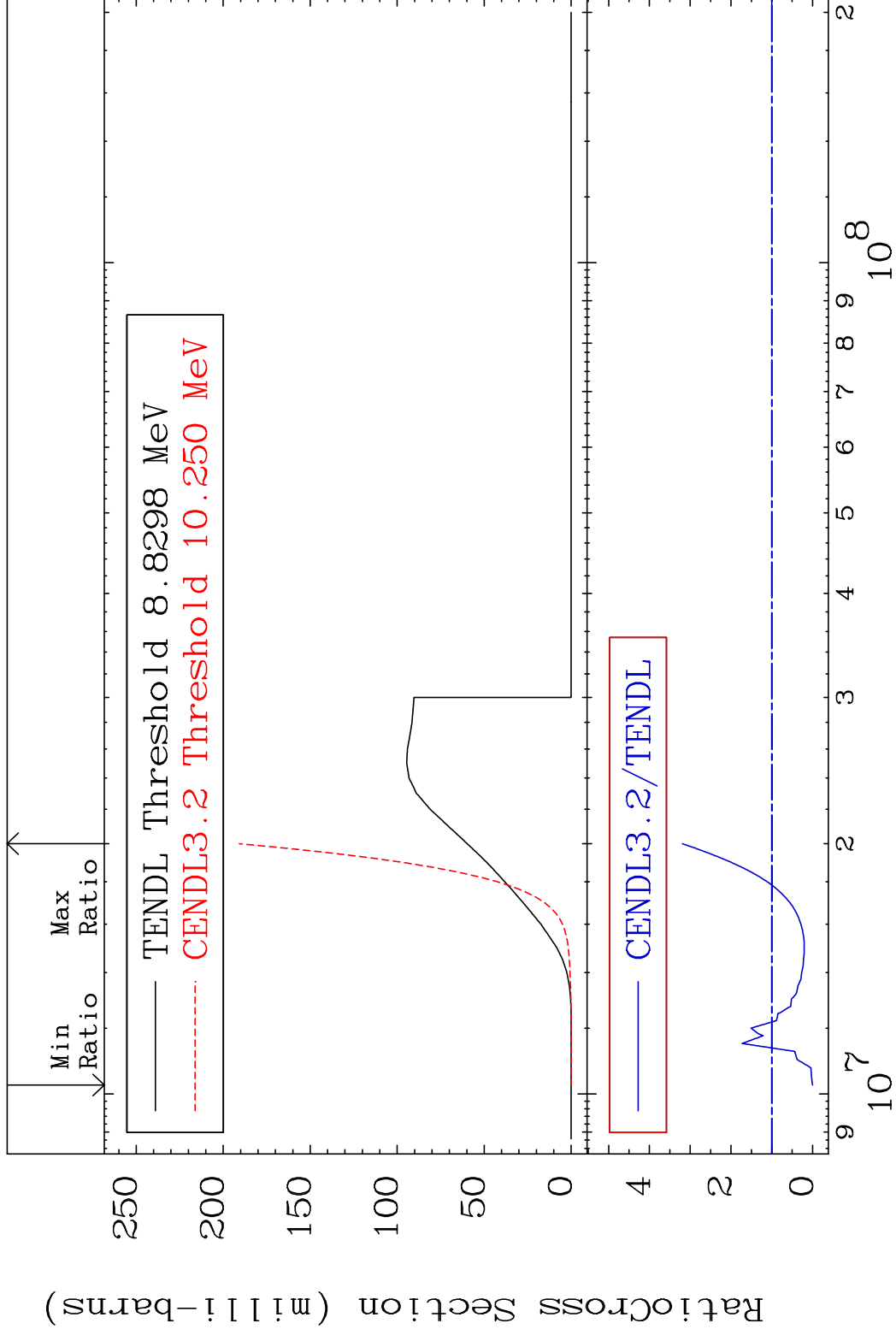


MAT 5034

(n, n') p

50-Sn-115

Cross Section -100.0 To 219.2 %

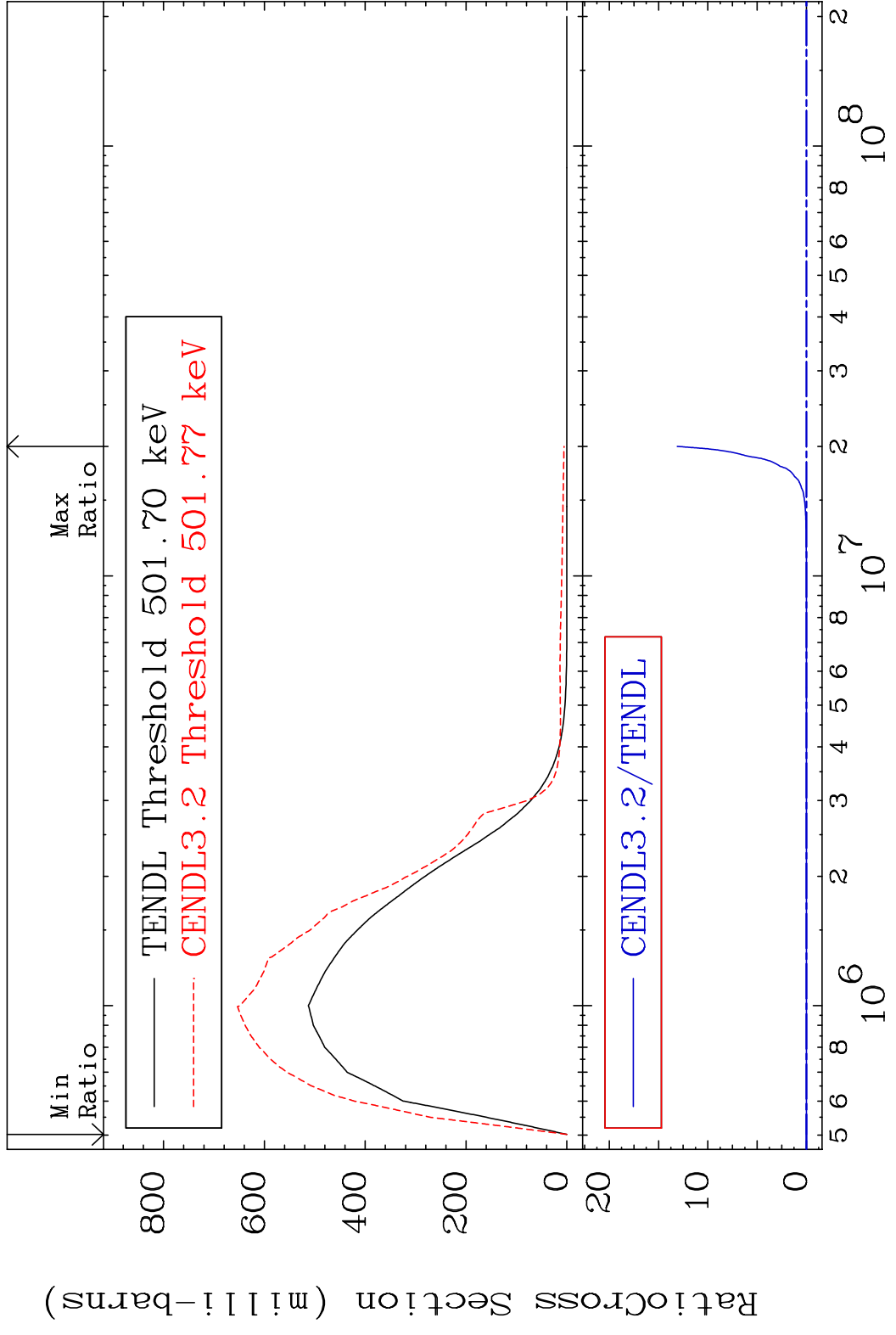


7

Incident Energy (eV)

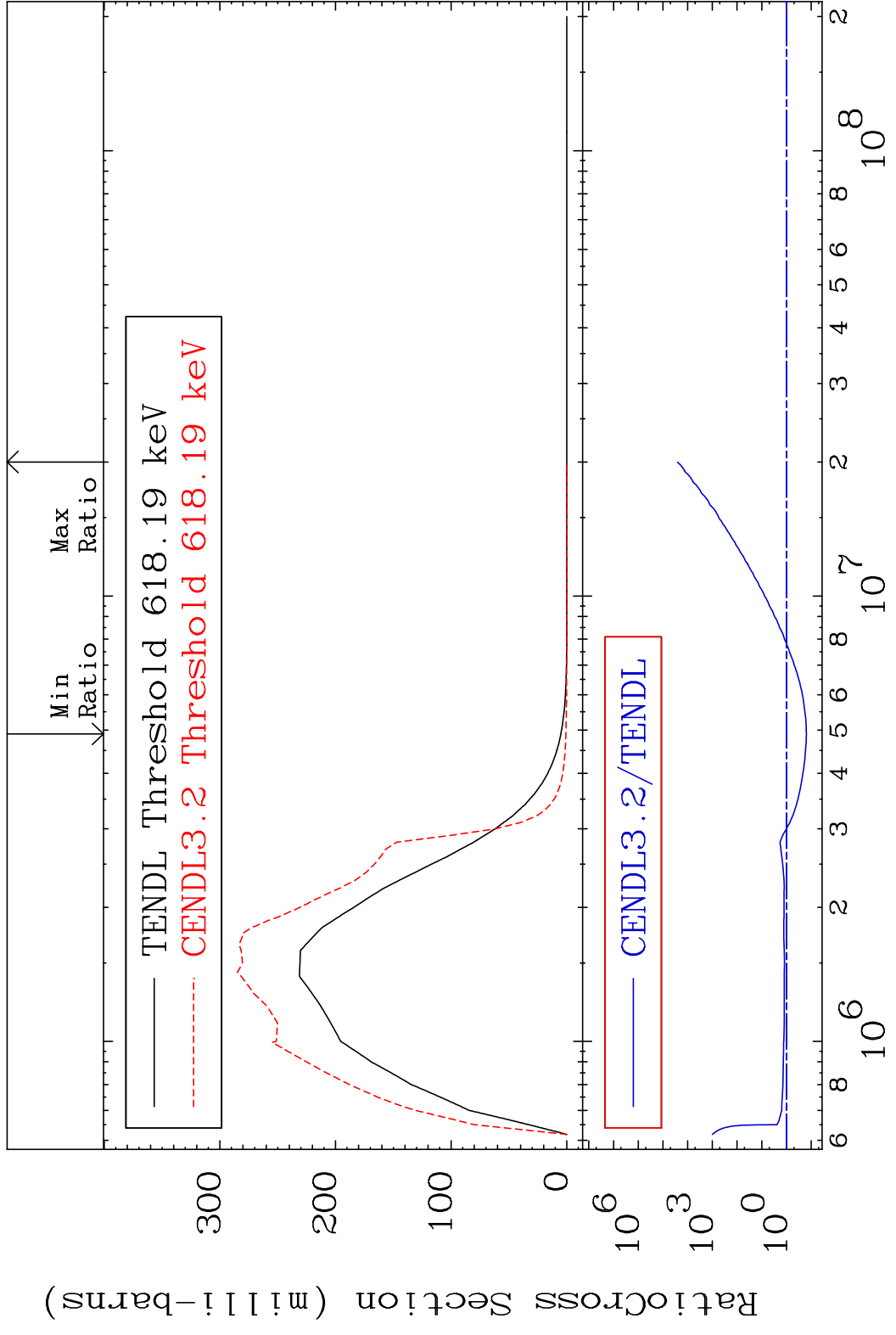
50-Sn-115

MAT 5034 MT= 51 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

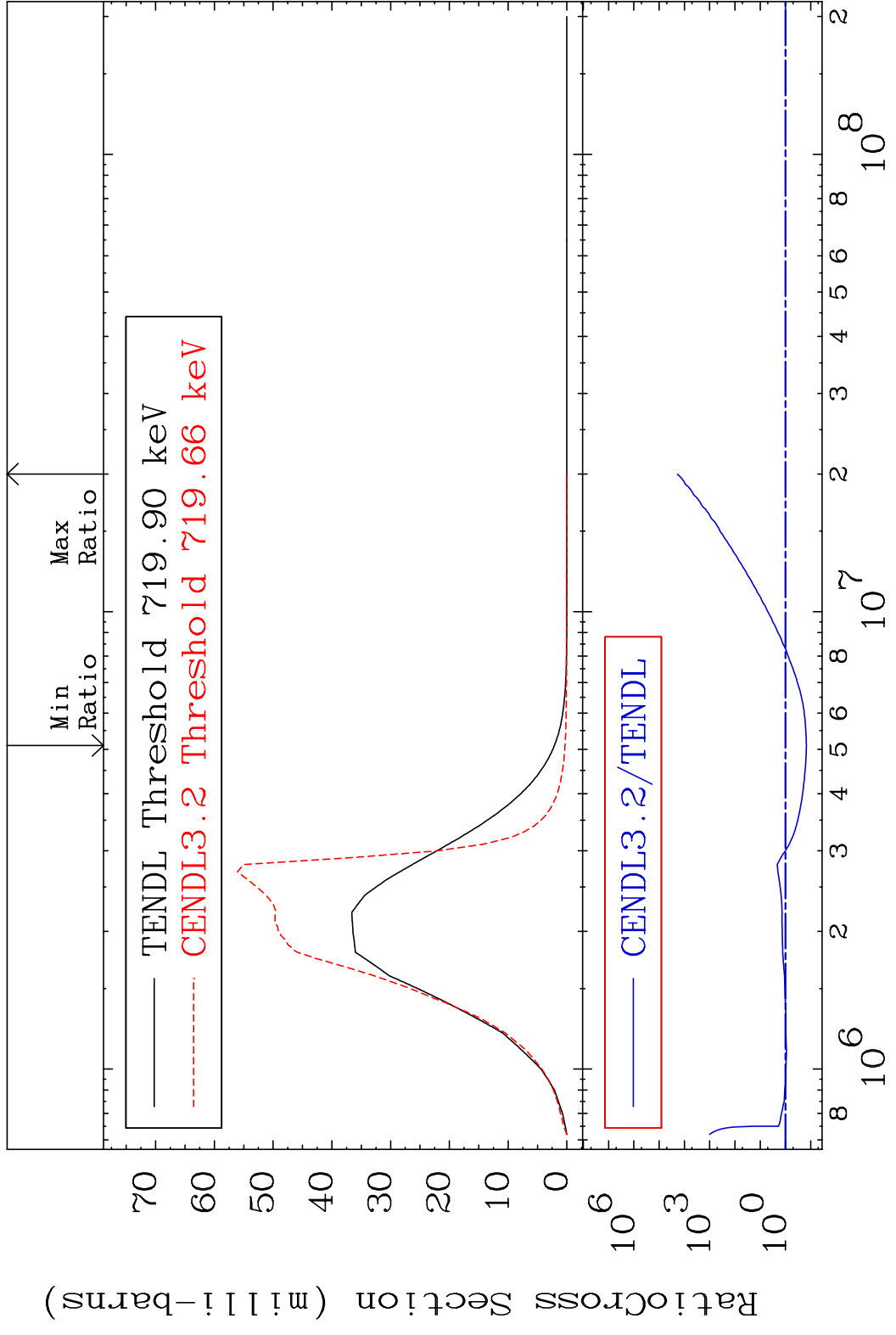


8 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 52 (n, n') Level 50-Sn-115
 Cross Section -84.35 To 9999. %

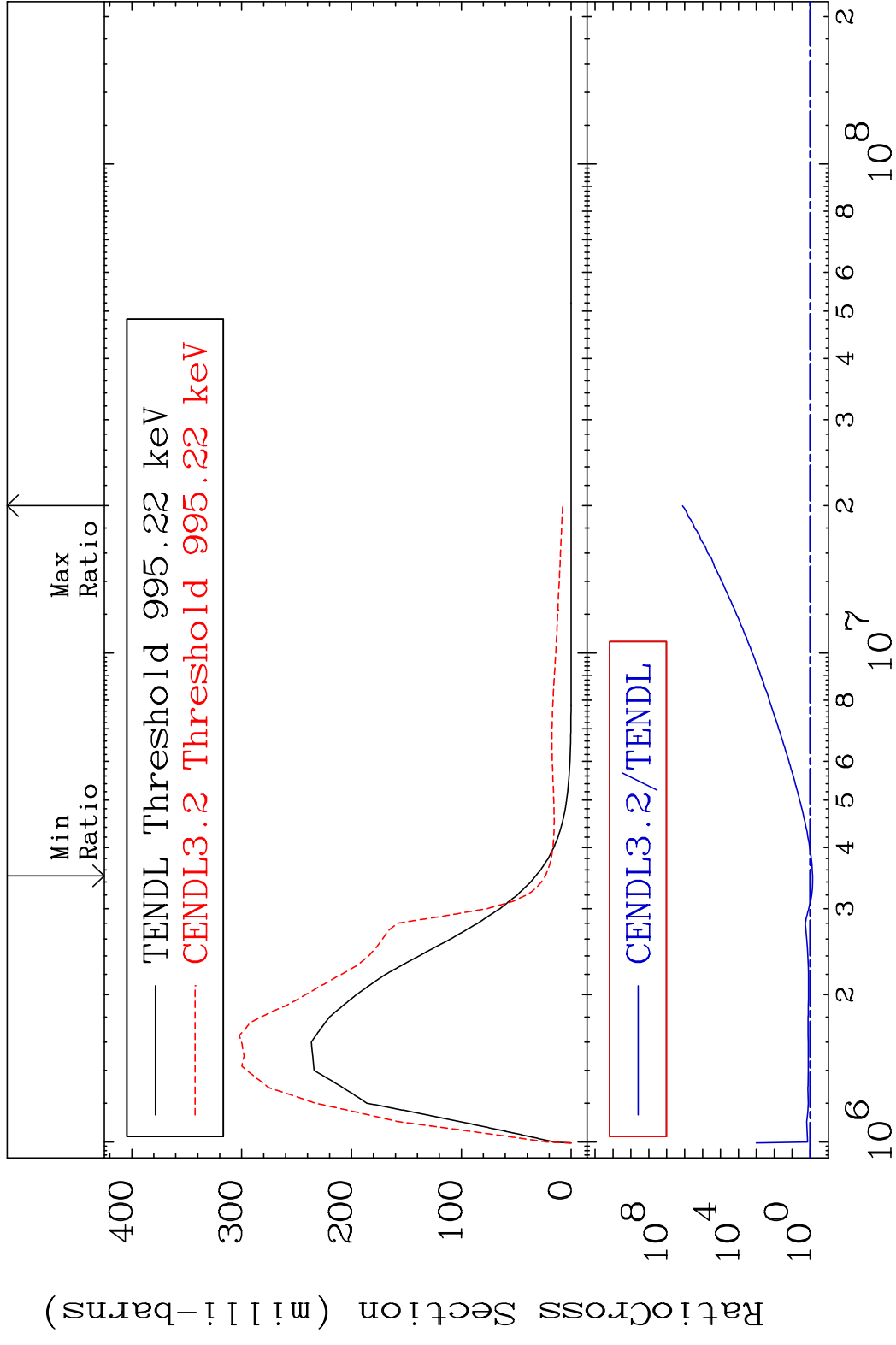


MAT 5034 MT= 53 (n, n') Level 50-Sn-115
 Cross Section -85.18 To 9999. %



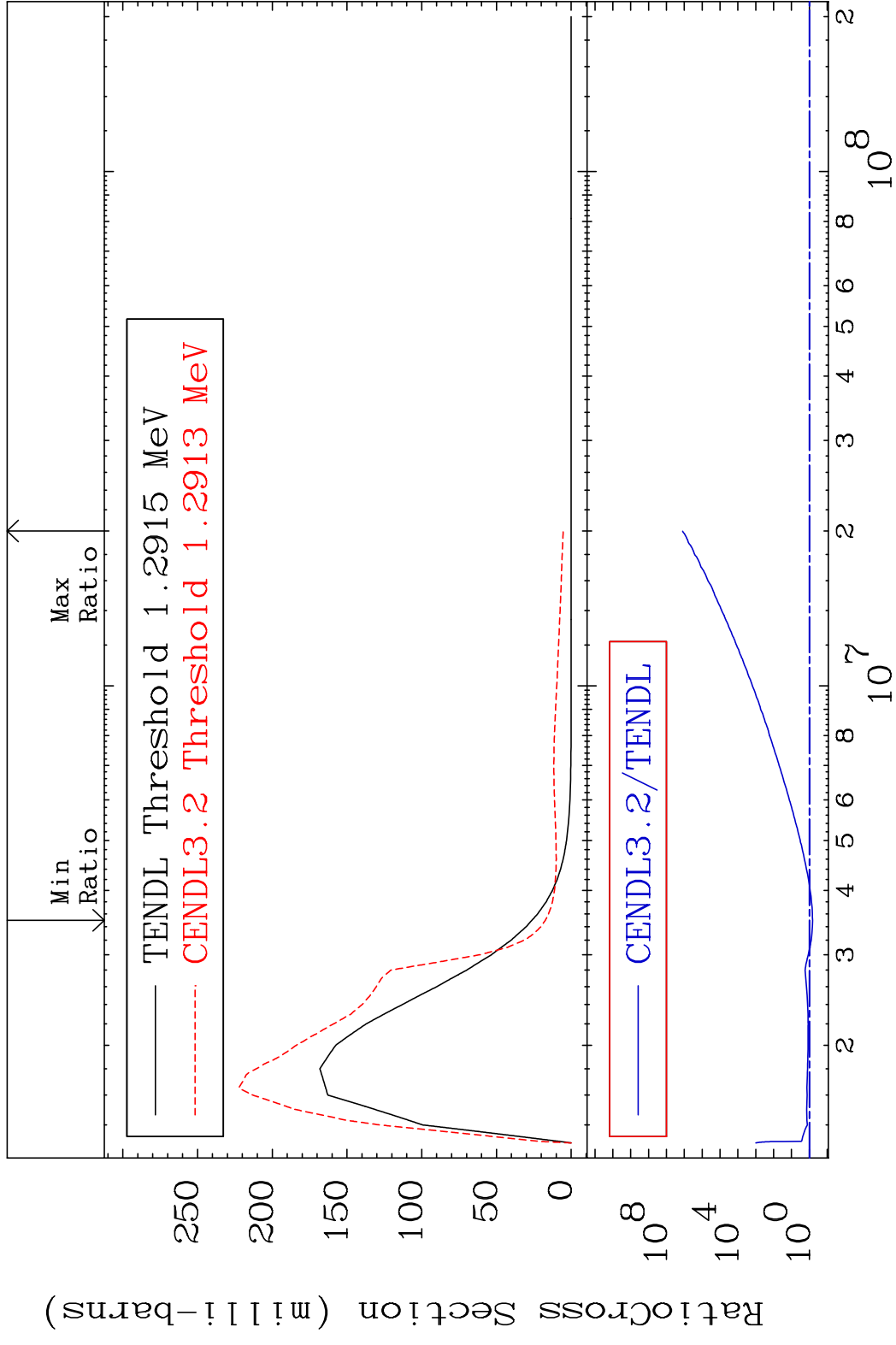
10 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 54 (n, n') Level 50-Sn-115
 Cross Section -27.02 To 9999. %

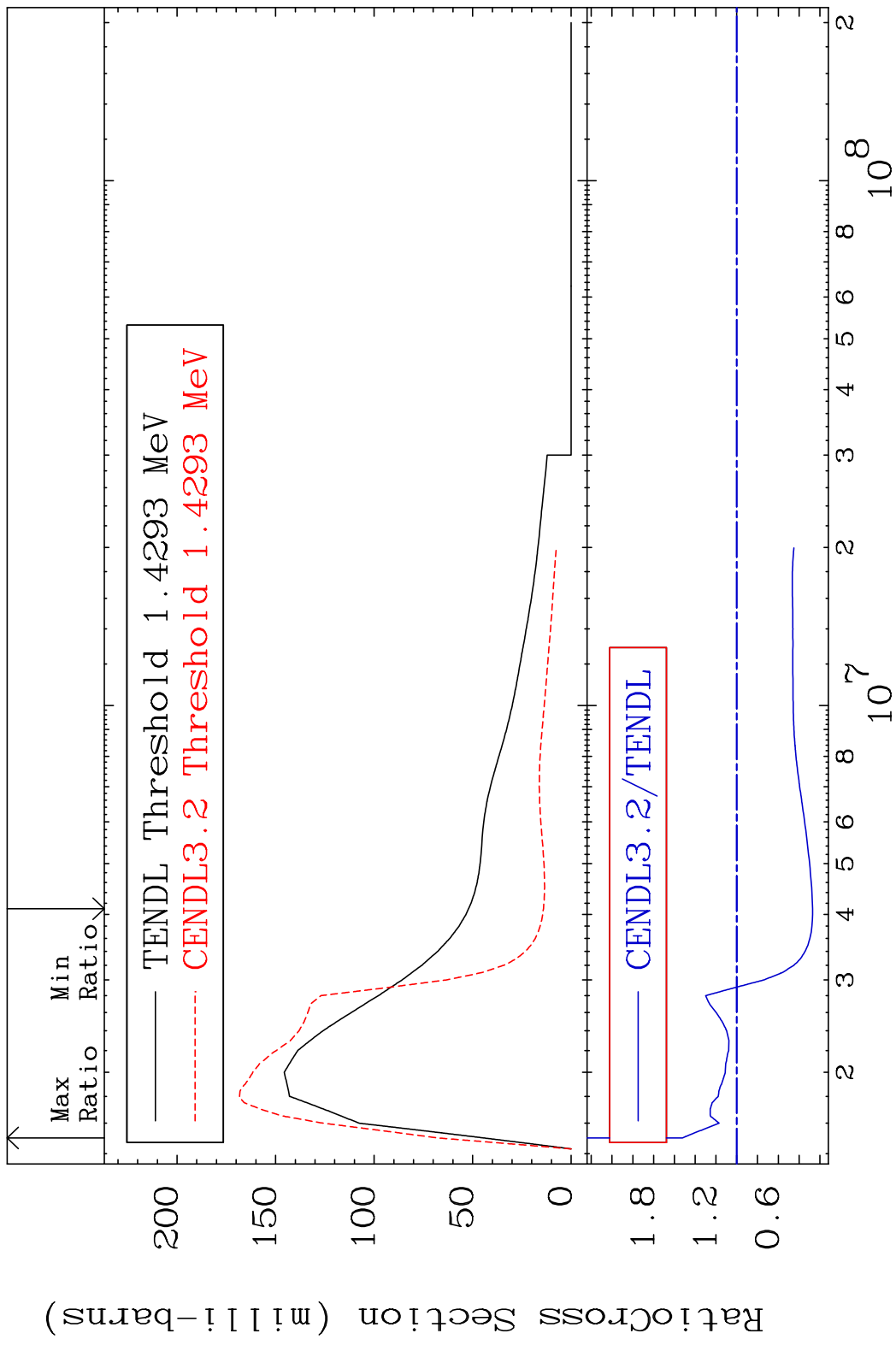


11 Incident Energy (eV) 50-Sn-115

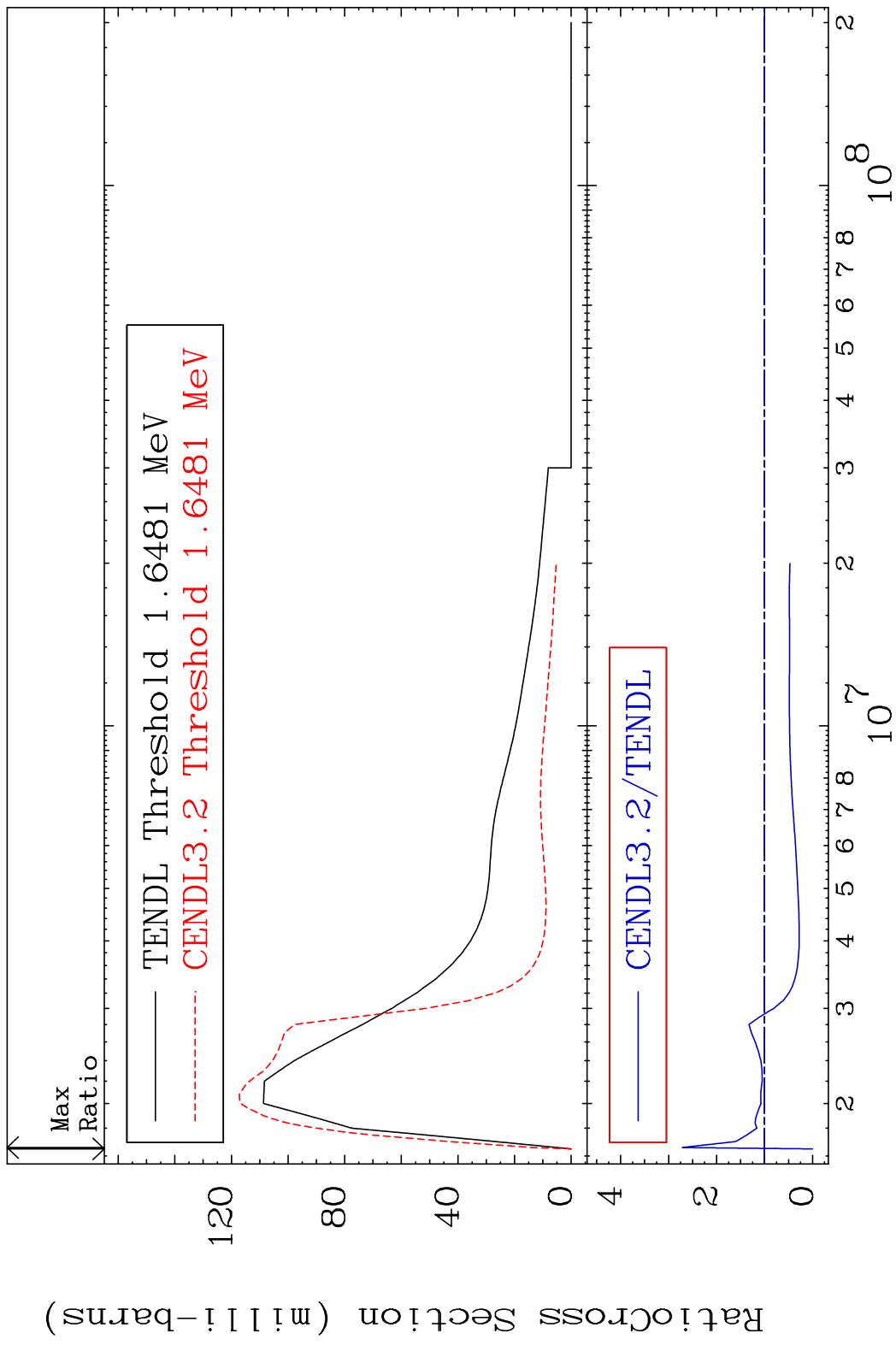
MAT 5034 MT= 55 (n, n') Level 50-Sn-115
 Cross Section -34.20 To 9999. %



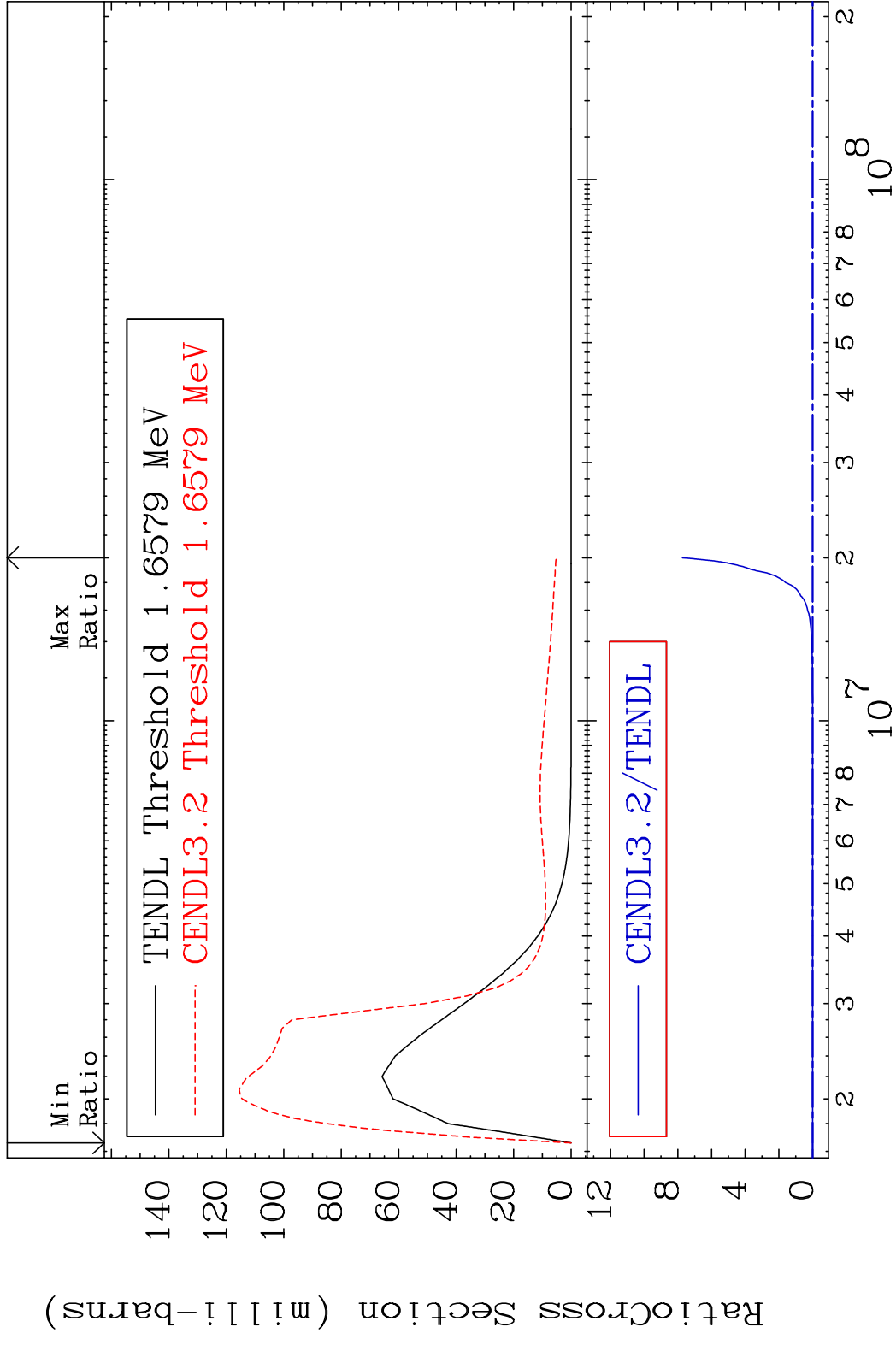
MAT 5034 MT= 56 (n,n') Level 50-Sn-115
 Cross Section -72.95 To 52.32 %



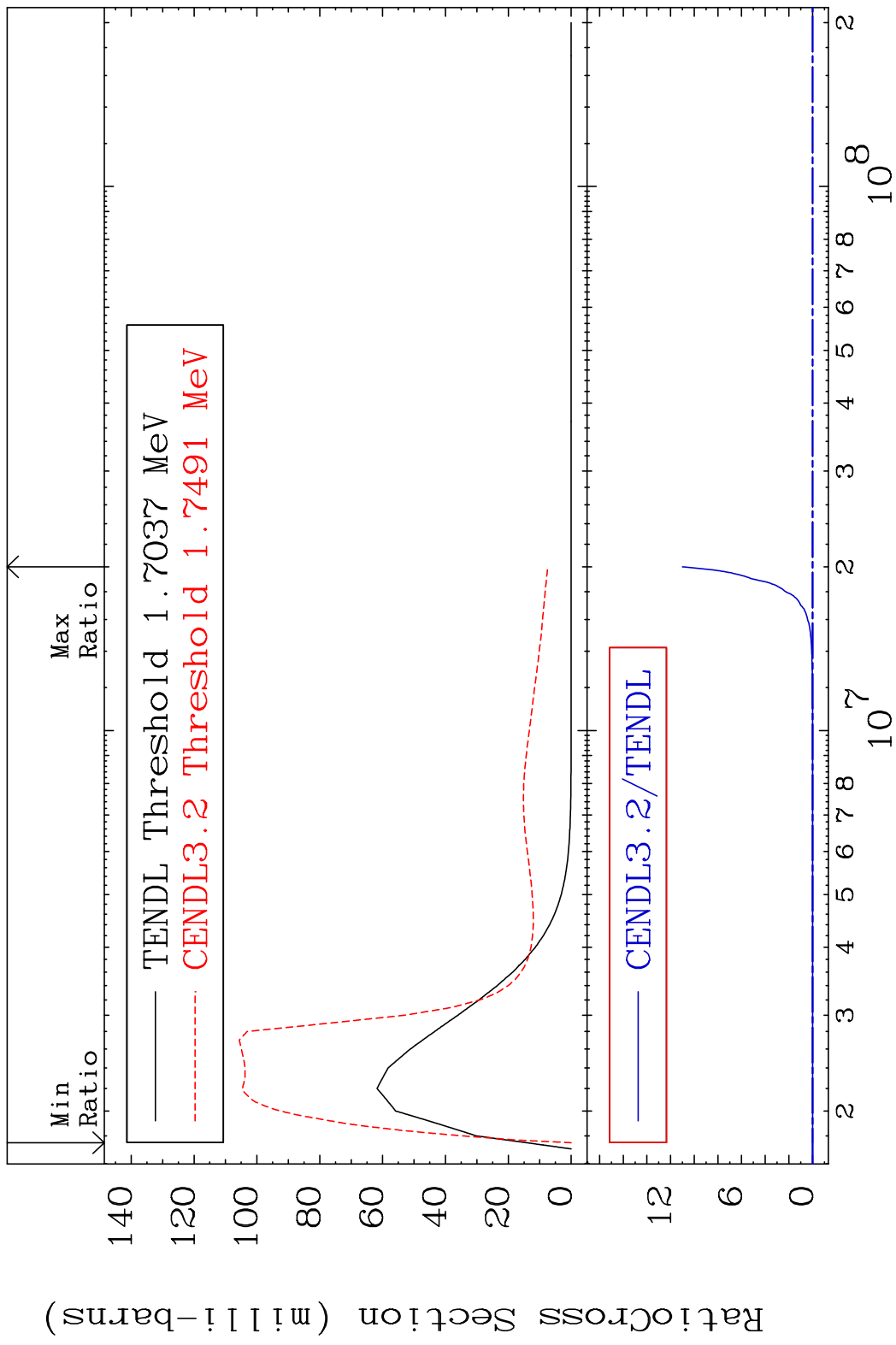
MAT 5034 MT= 57 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 171.4 %



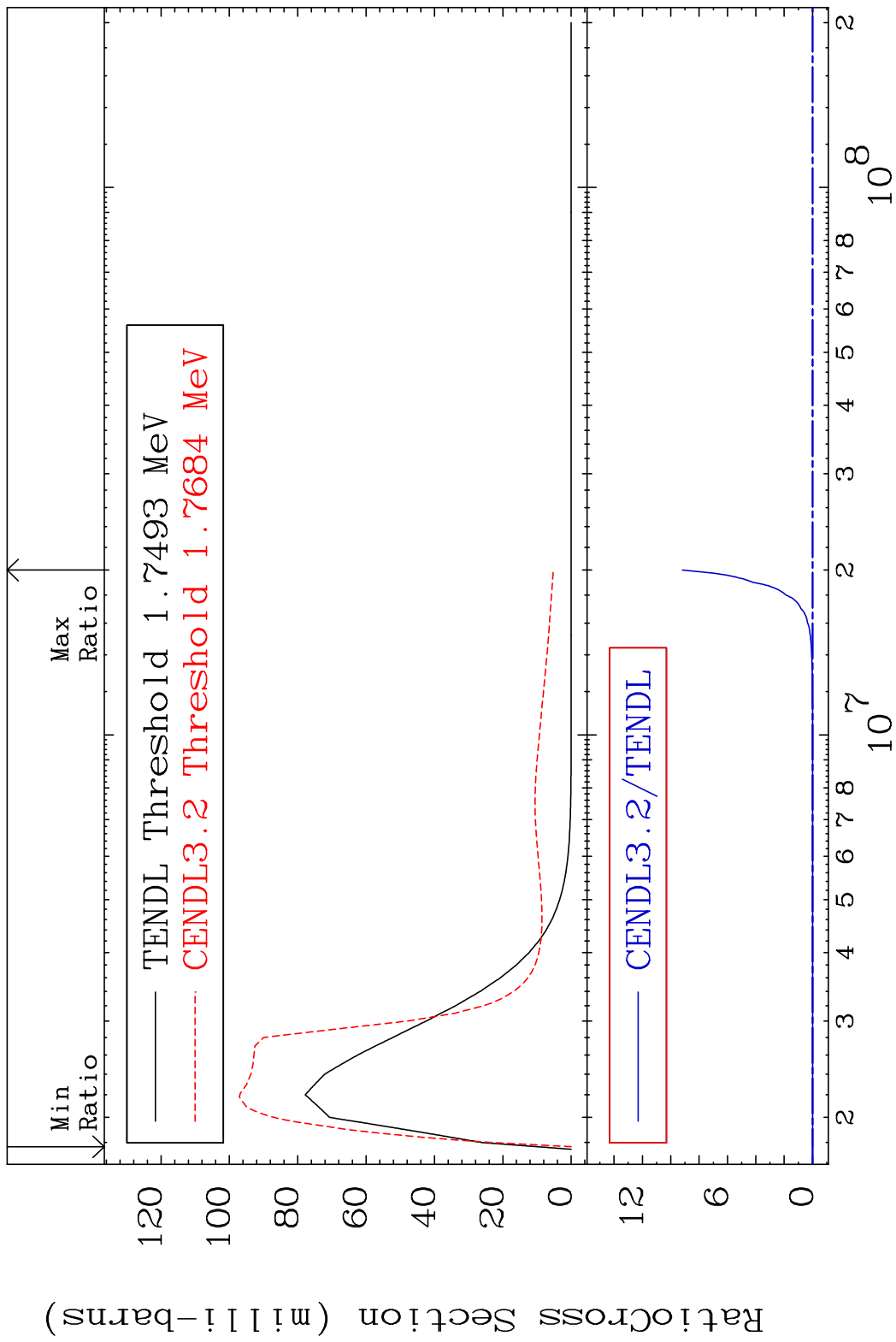
MAT 5034 MT= 58 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



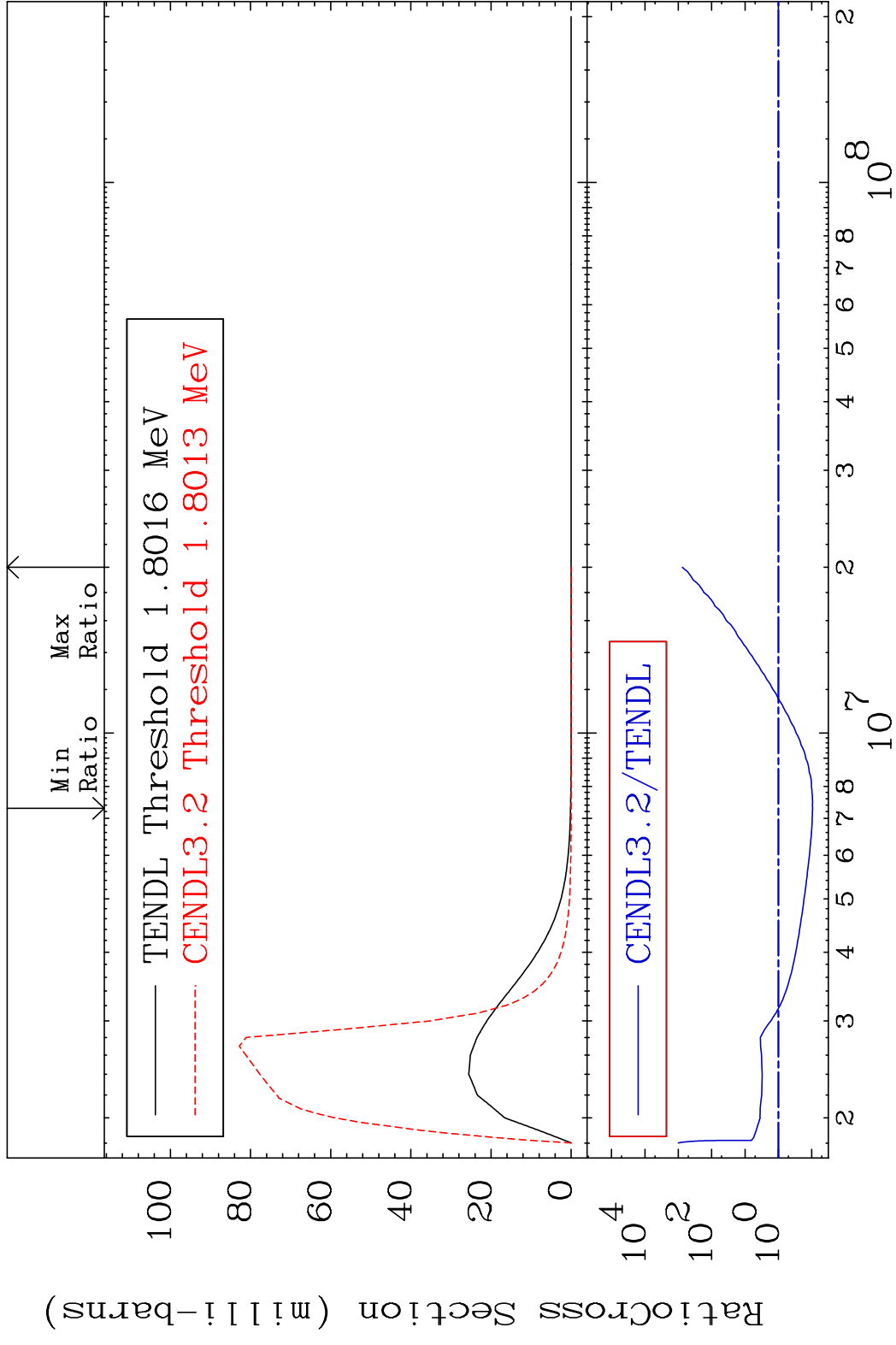
MAT 5034 MT= 59 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



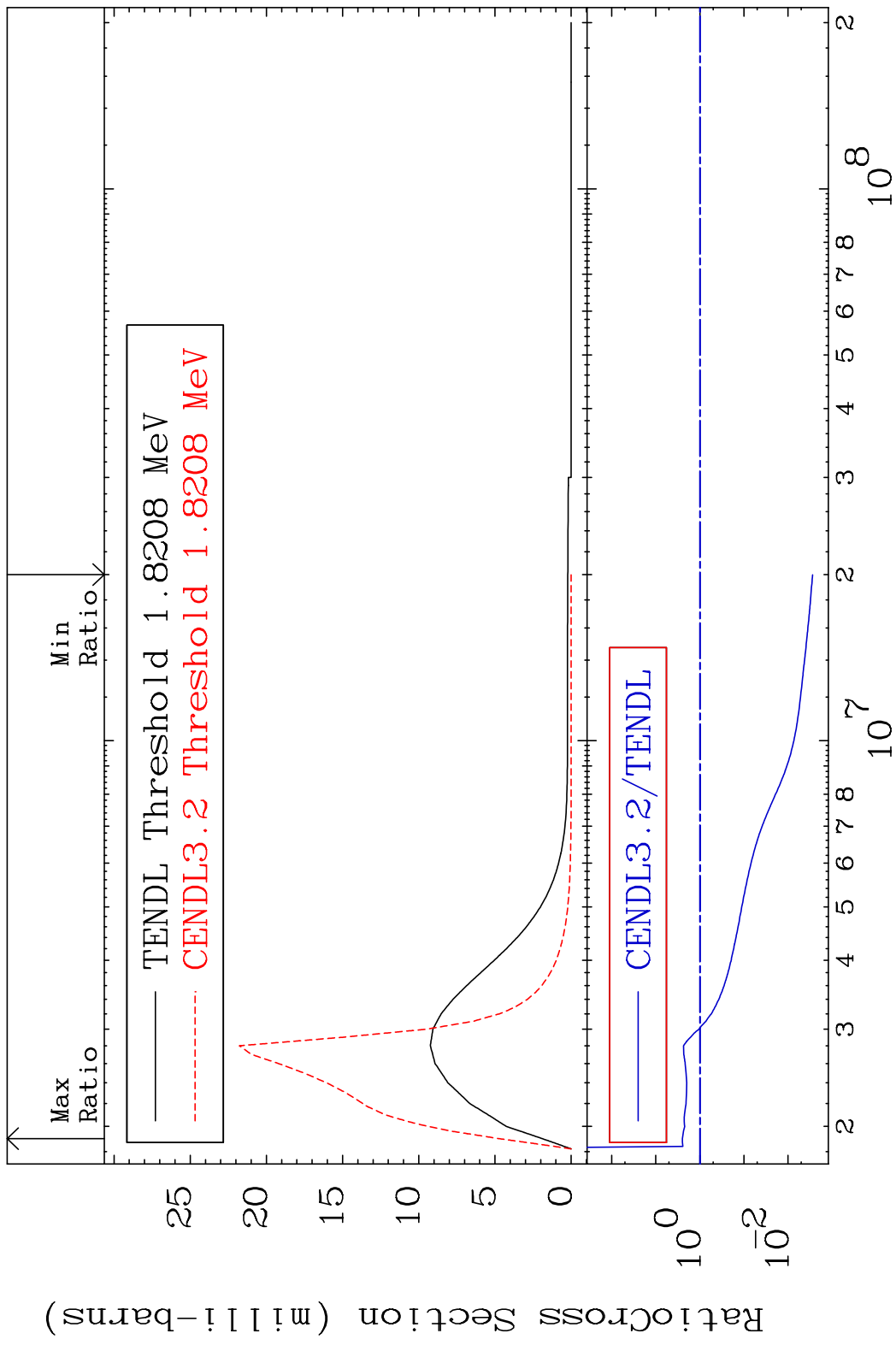
MAT 5034 MT= 60 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



MAT 5034 MT= 61 (n, n') Level 50-Sn-115
 Cross Section -90.52 To 9999. %

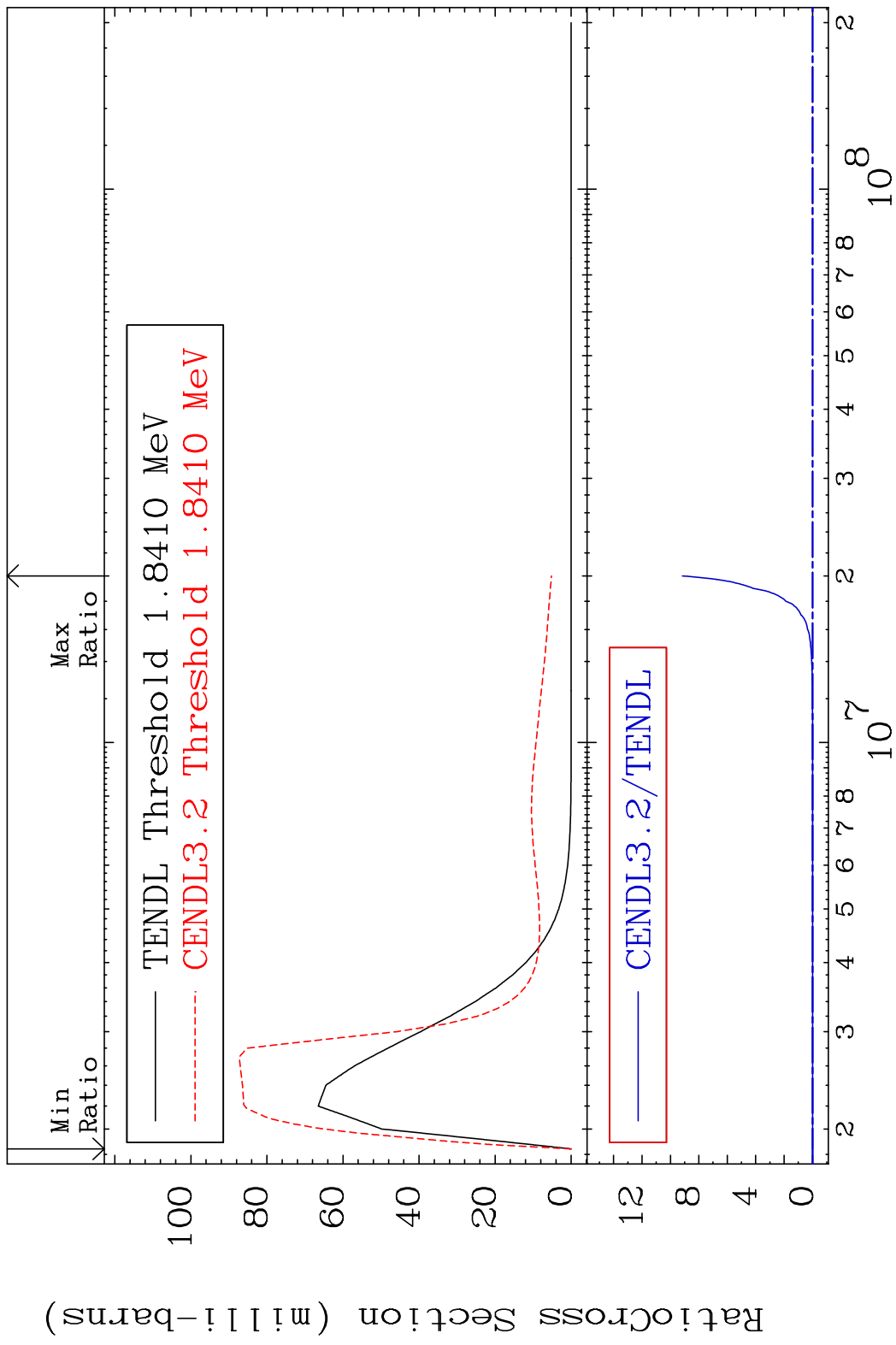


MAT 5034 MT= 62 (n, n') Level 50-Sn-115
 Cross Section -99.72 To 149.2 %

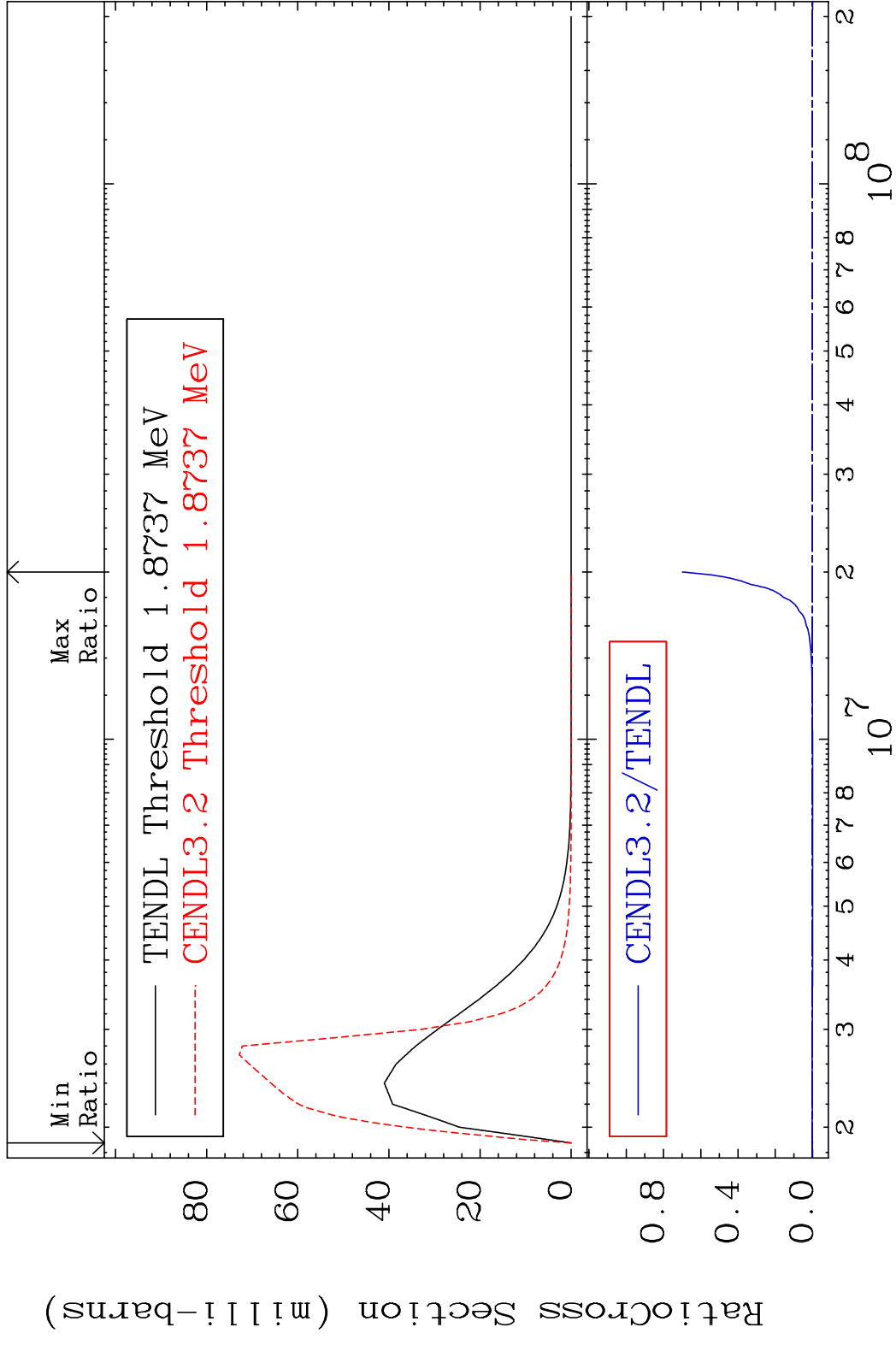


19 Incident Energy (eV) 50-Sn-115

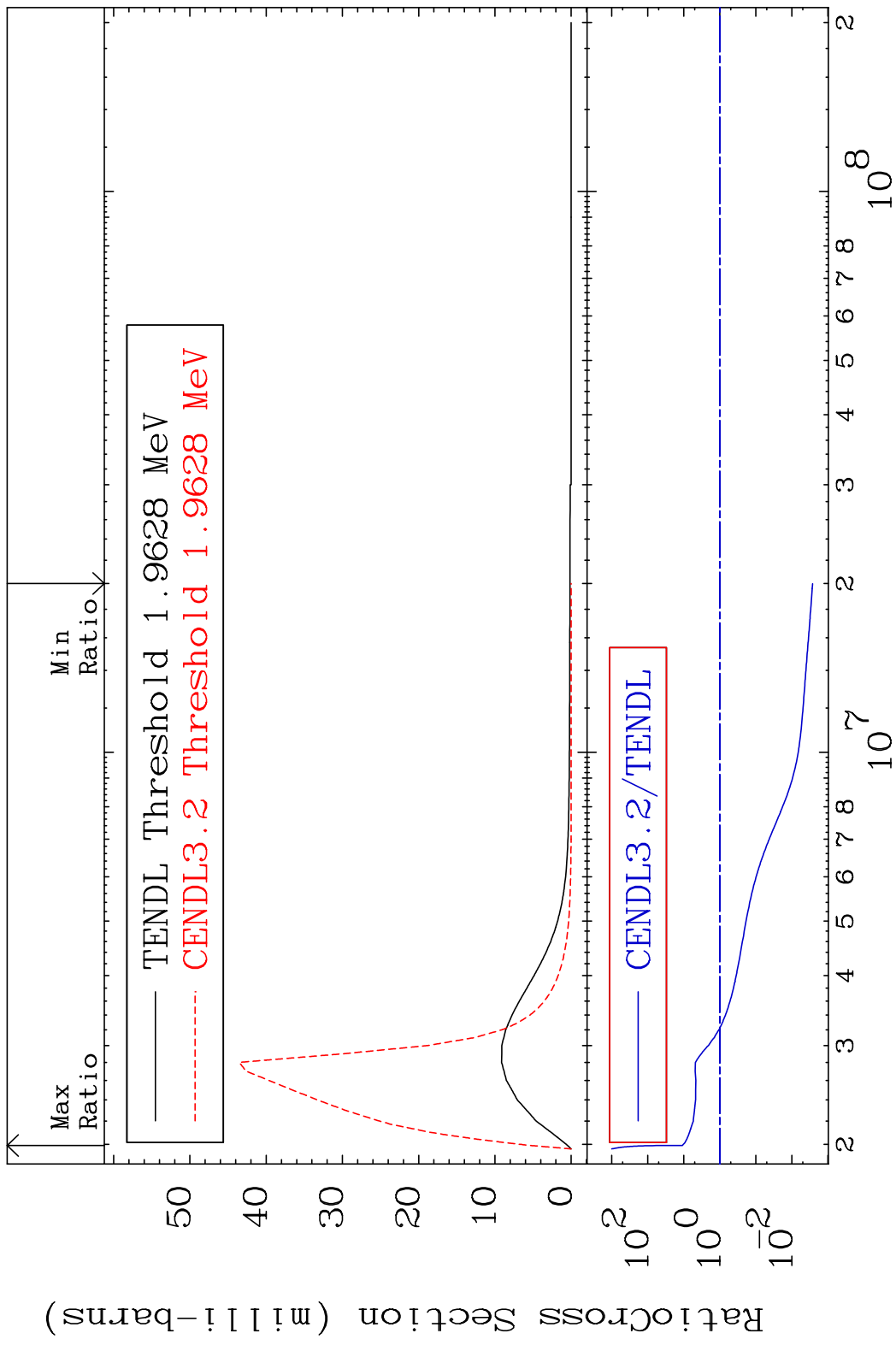
MAT 5034 MT= 63 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



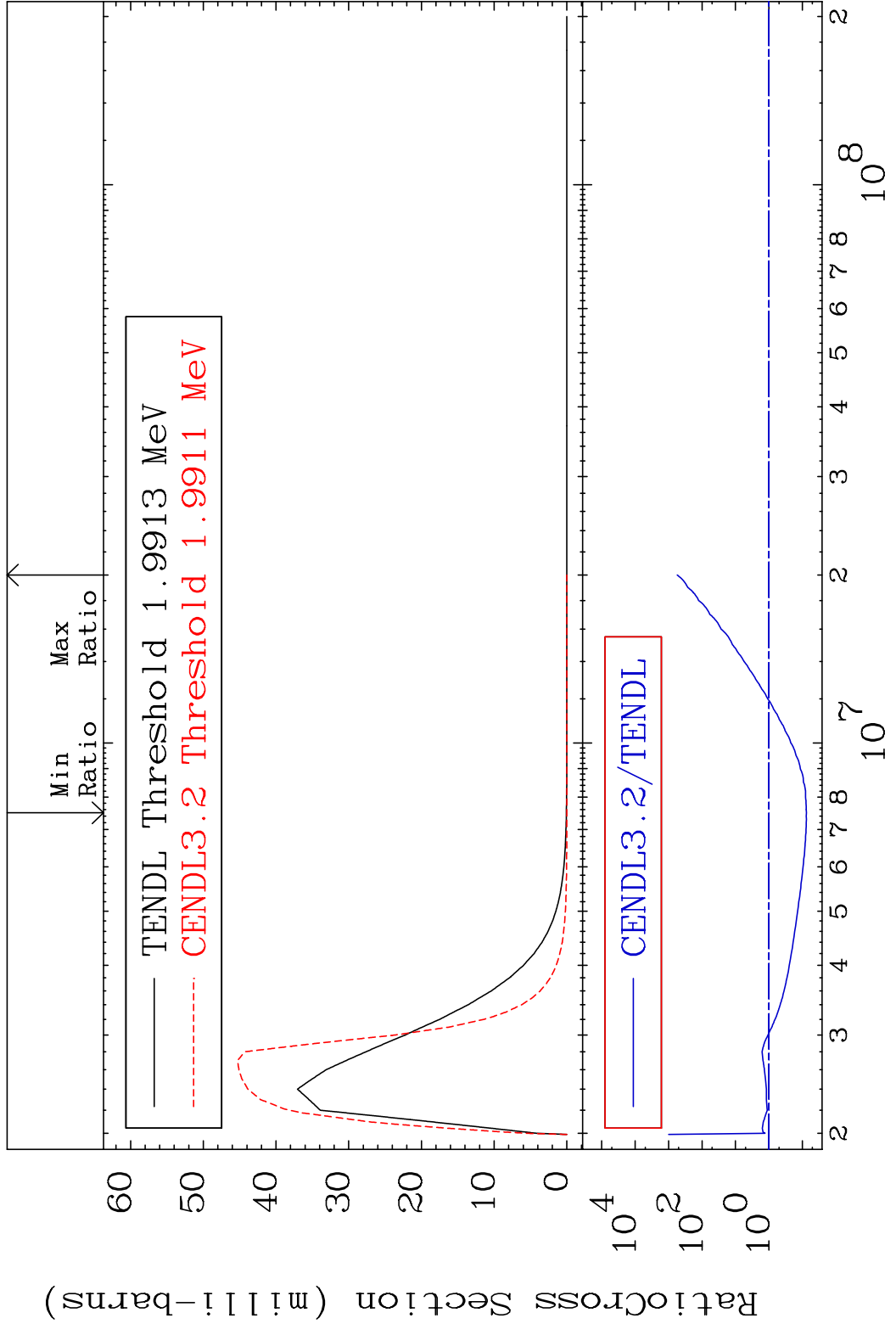
MAT 5034 MT= 64 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



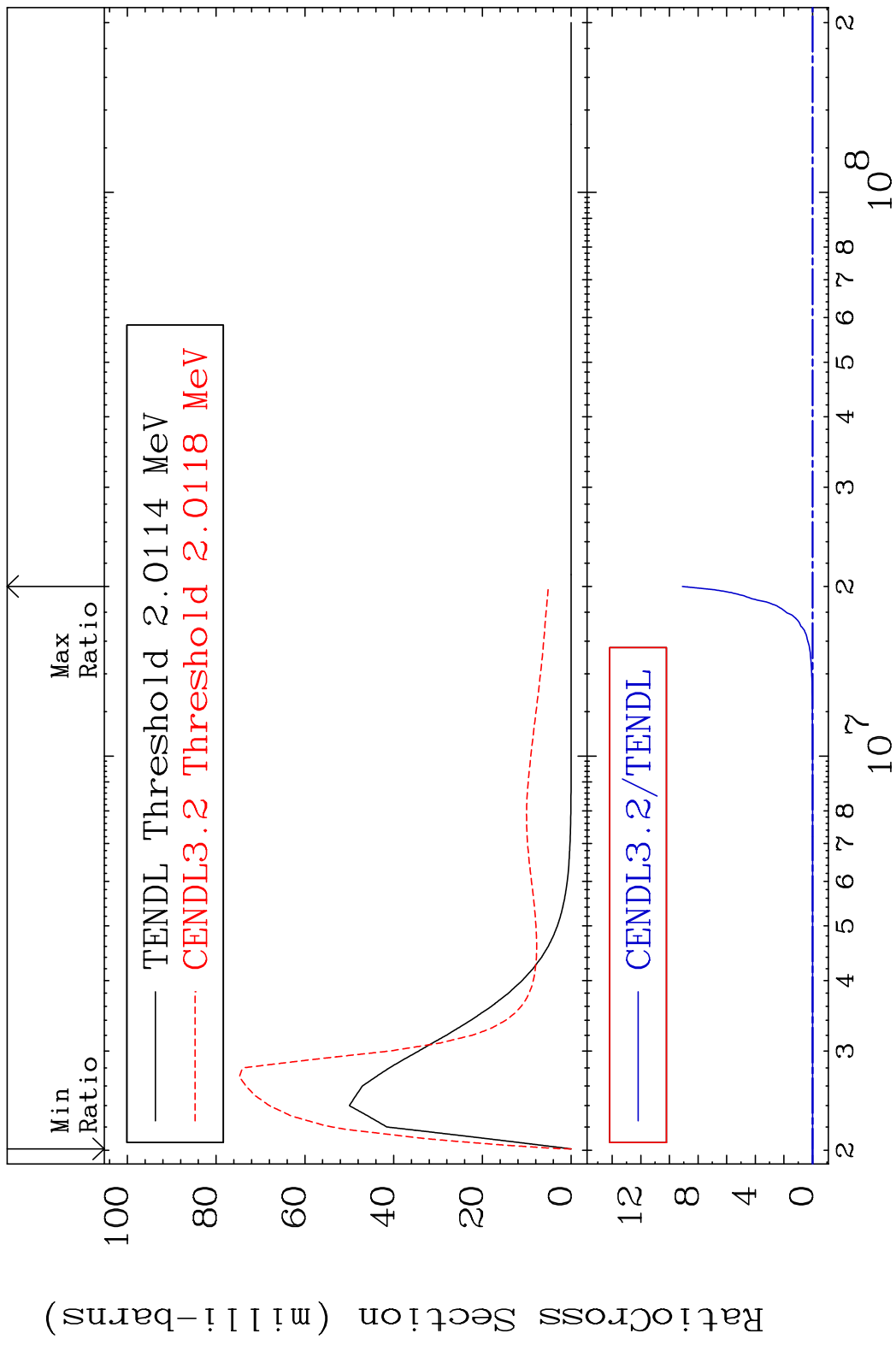
MAT 5034 MT= 65 (n, n') Level 50-Sn-115
 Cross Section -99.73 To 998.7 %



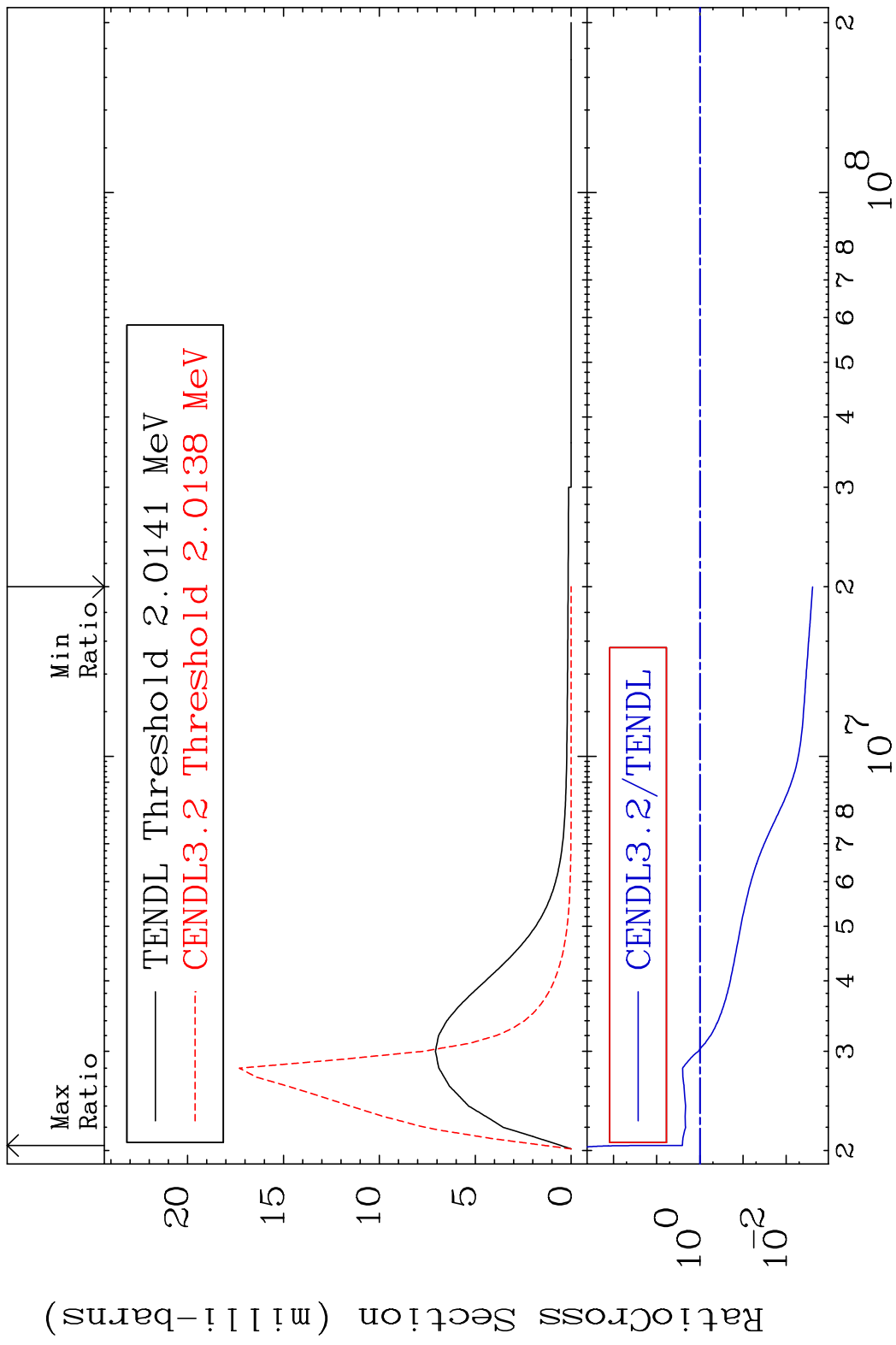
MAT 5034 MT= 66 (n, n') Level 50-Sn-115
 Cross Section -92.44 To 9999. %



MAT 5034 MT= 67 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

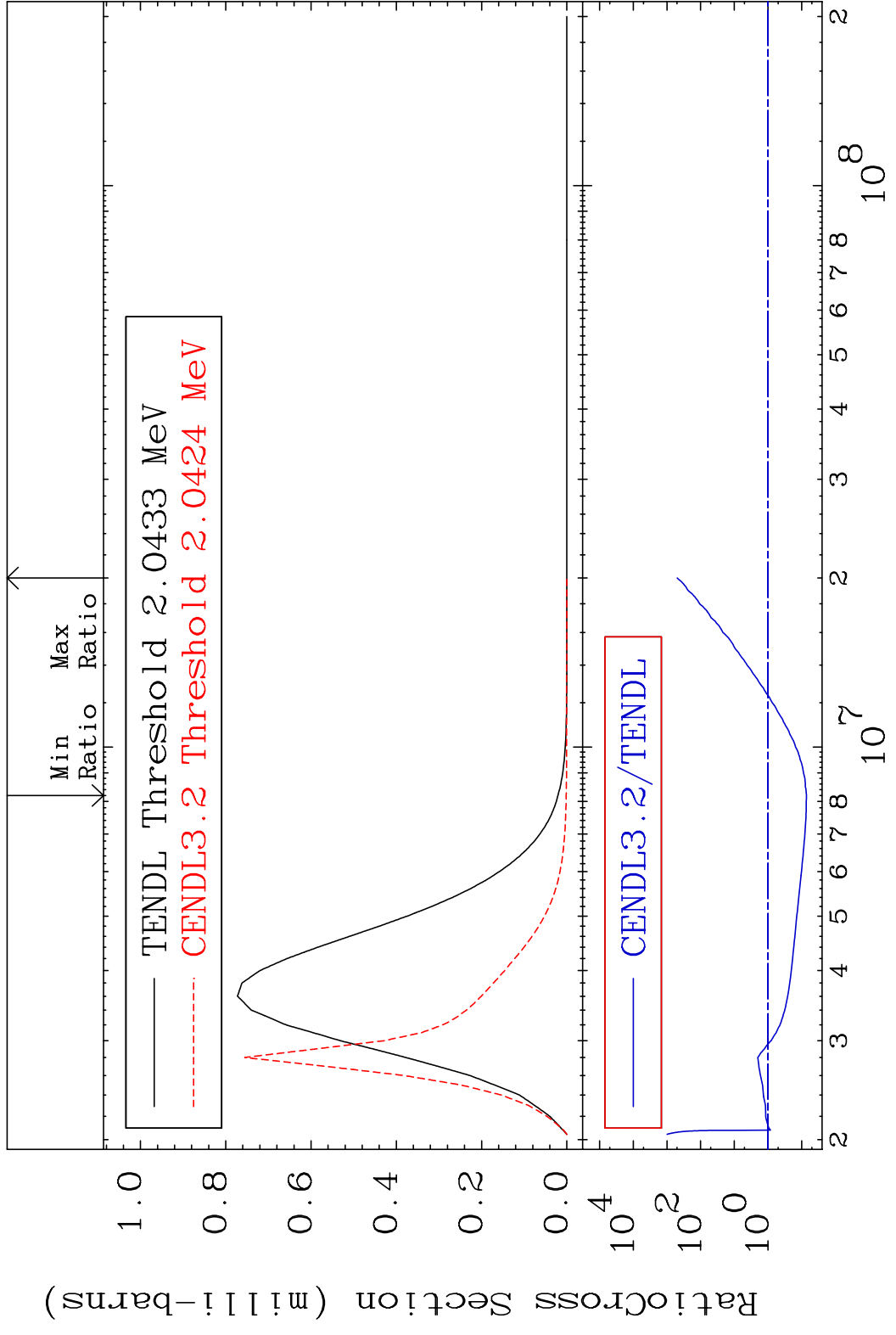


MAT 5034 MT= 68 (n, n') Level 50-Sn-115
 Cross Section -99.75 To 154.5 %

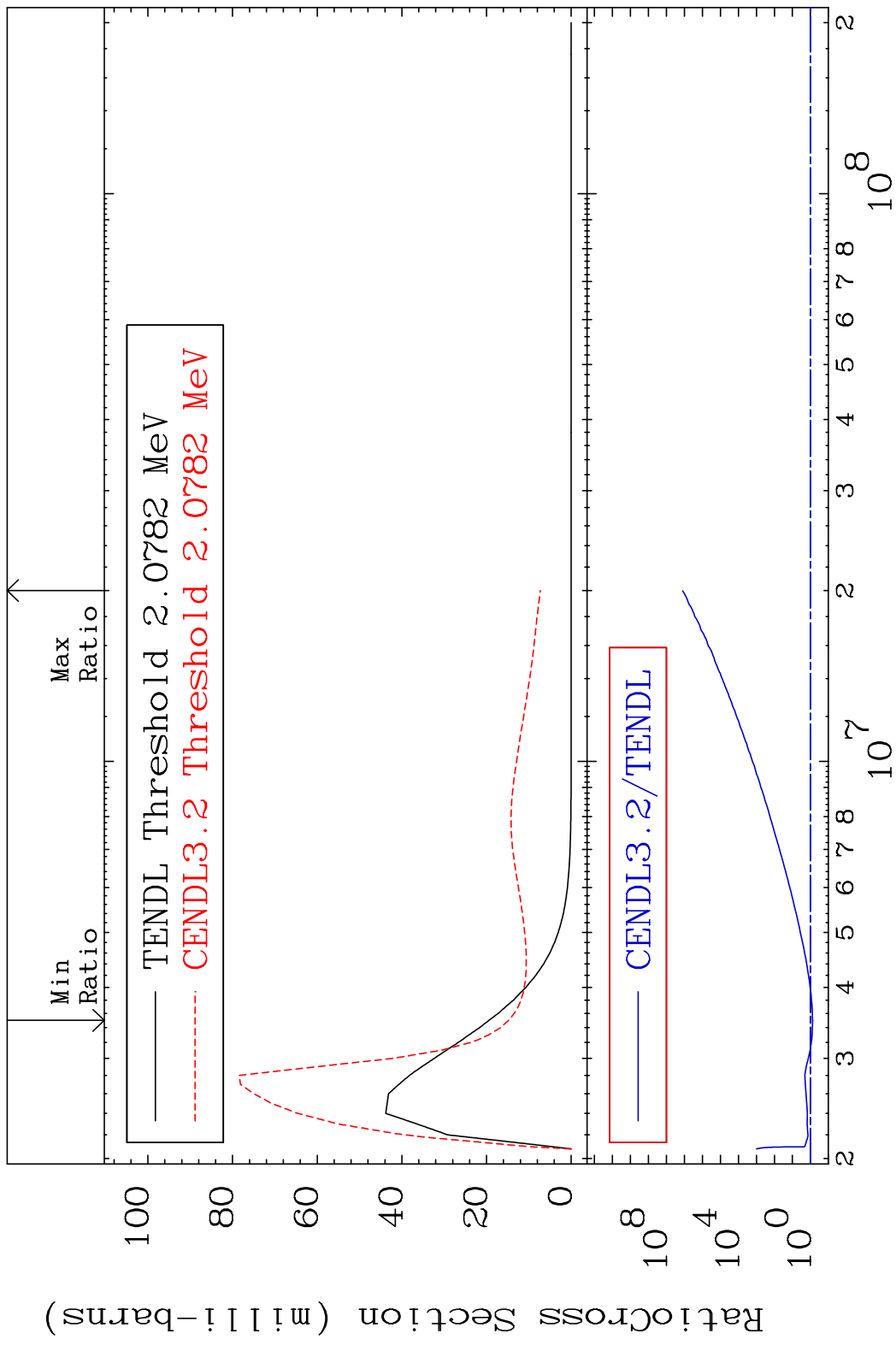


25 50-Sn-115

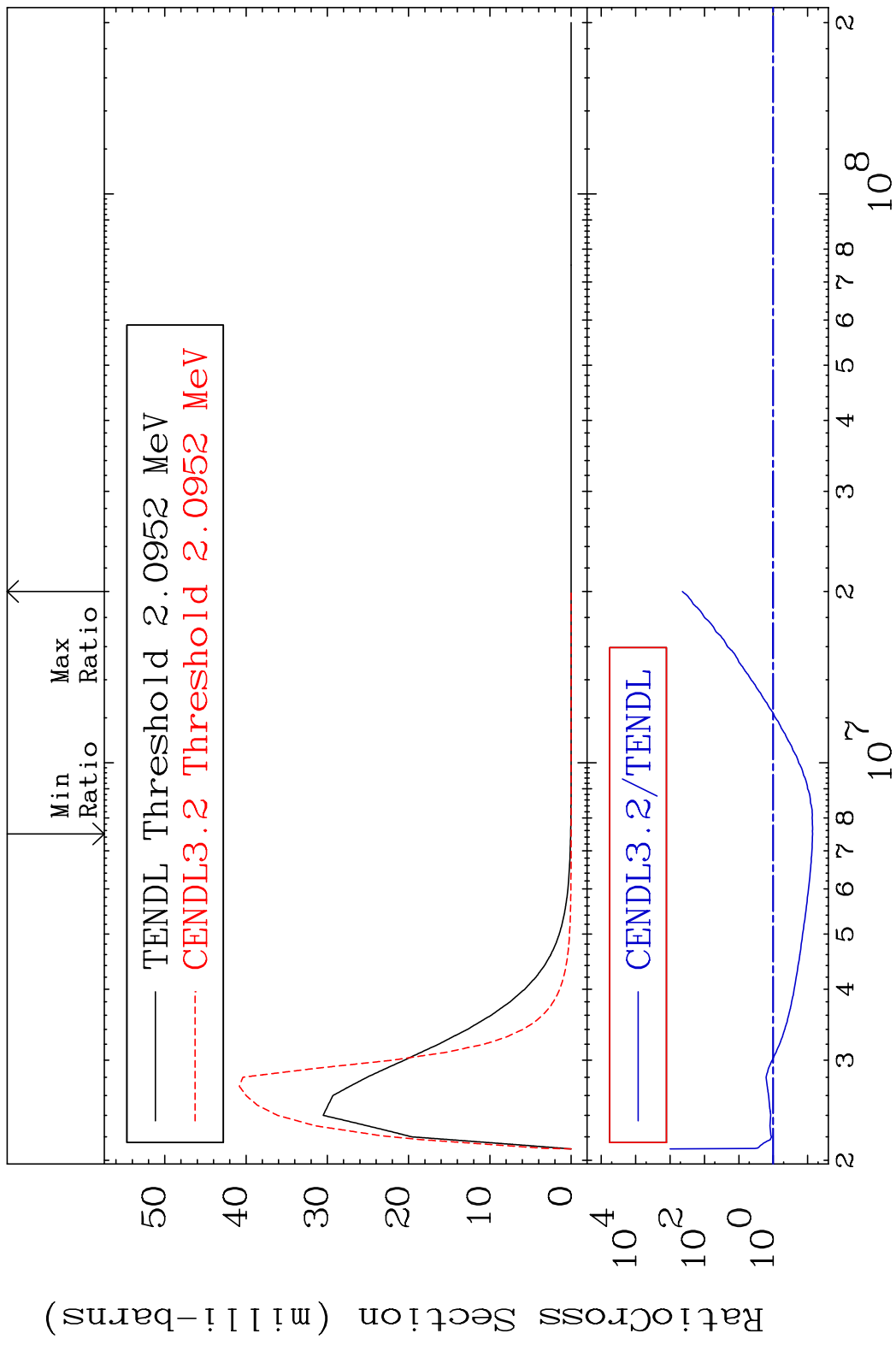
MAT 5034 MT= 69 (n, n') Level 50-Sn-115
 Cross Section -92.74 To 9999. %



MAT 5034 MT= 70 (n, n') Level 50-Sn-115
 Cross Section -23.91 To 9999. %



MAT 5034 MT= 71 (n, n') Level 50-Sn-115
 Cross Section -92.79 To 9999. %

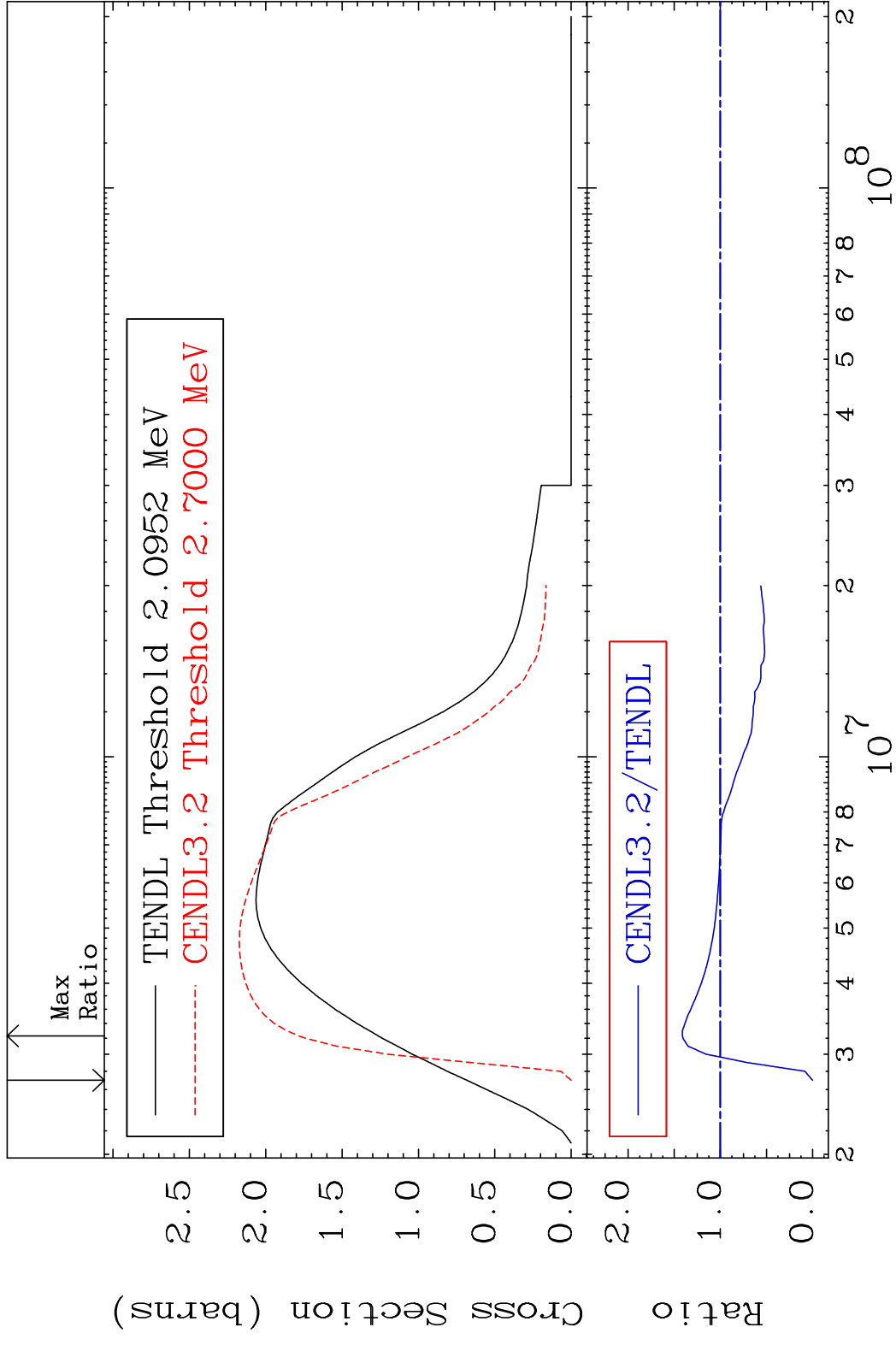


MAT 5034

(n,n') Continuum

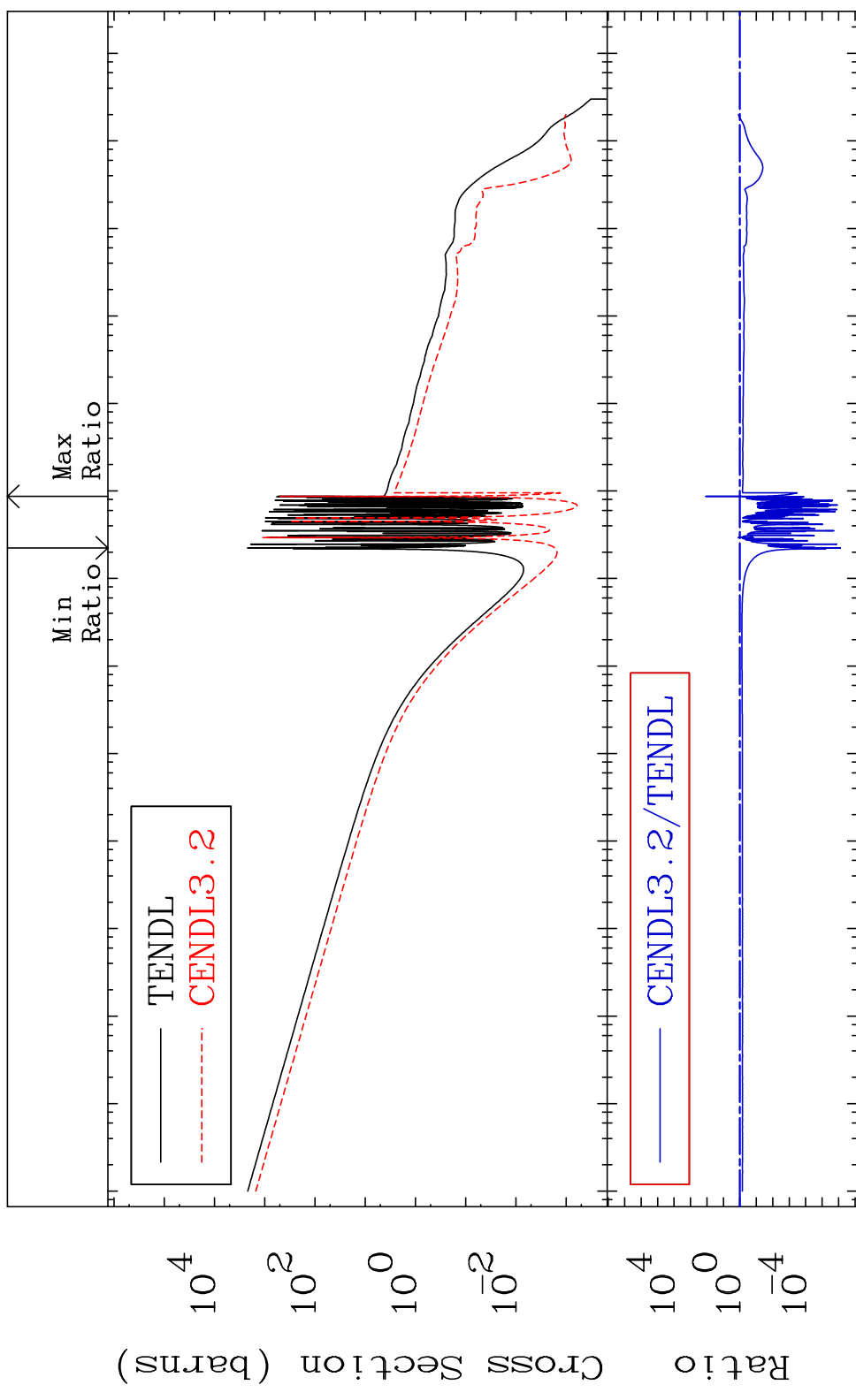
50-Sn-115

Cross Section -100.0 To 41.19 %



MAT 5034

(n, γ)
Cross Section -100.0 To 9999. %
50-Sn-115



30

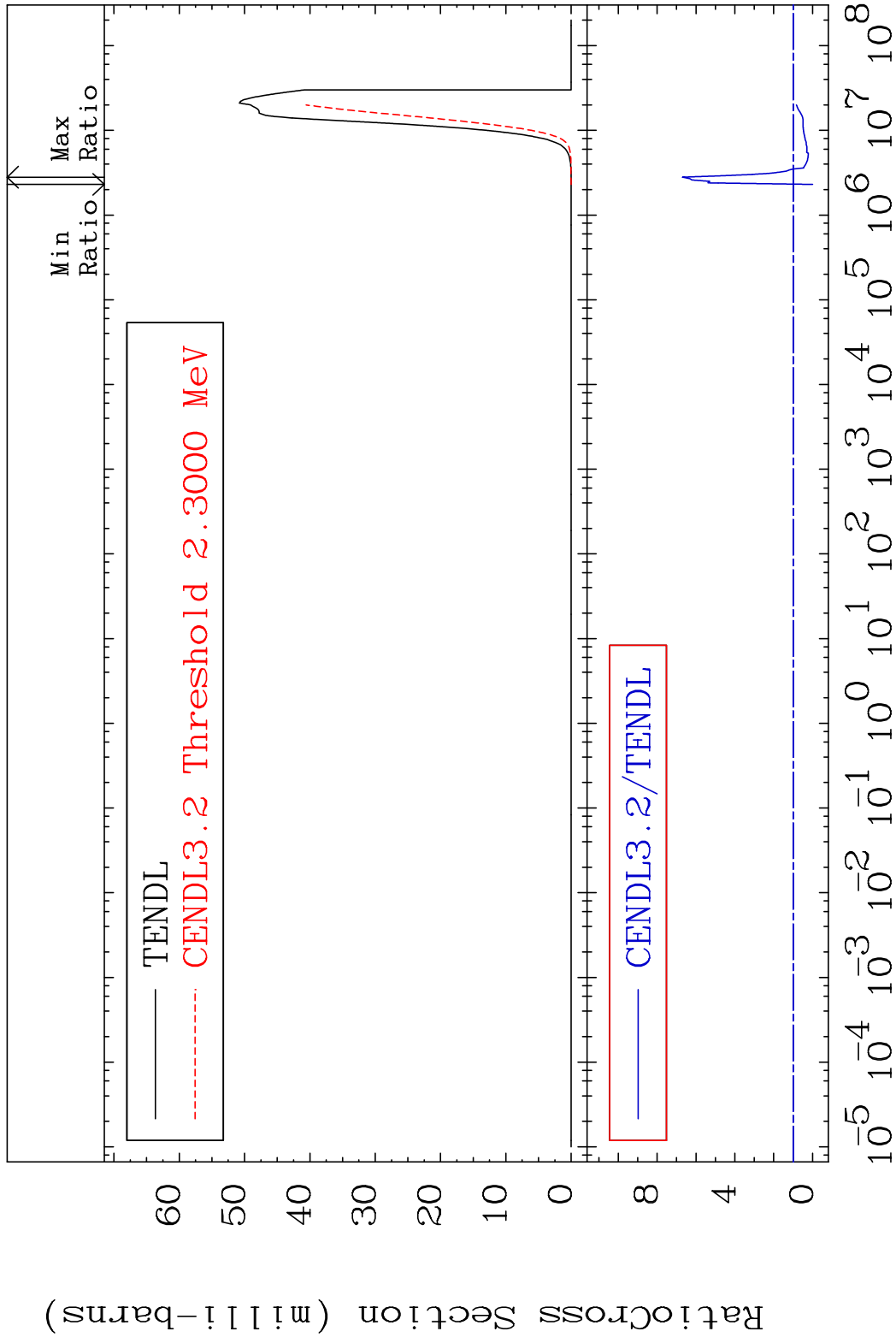
Incident Energy (eV) 50-Sn-115

MAT 5034

(n, p)

50-Sn-115

Cross Section -100.0 To 570.2 %



31

Incident Energy (eV)

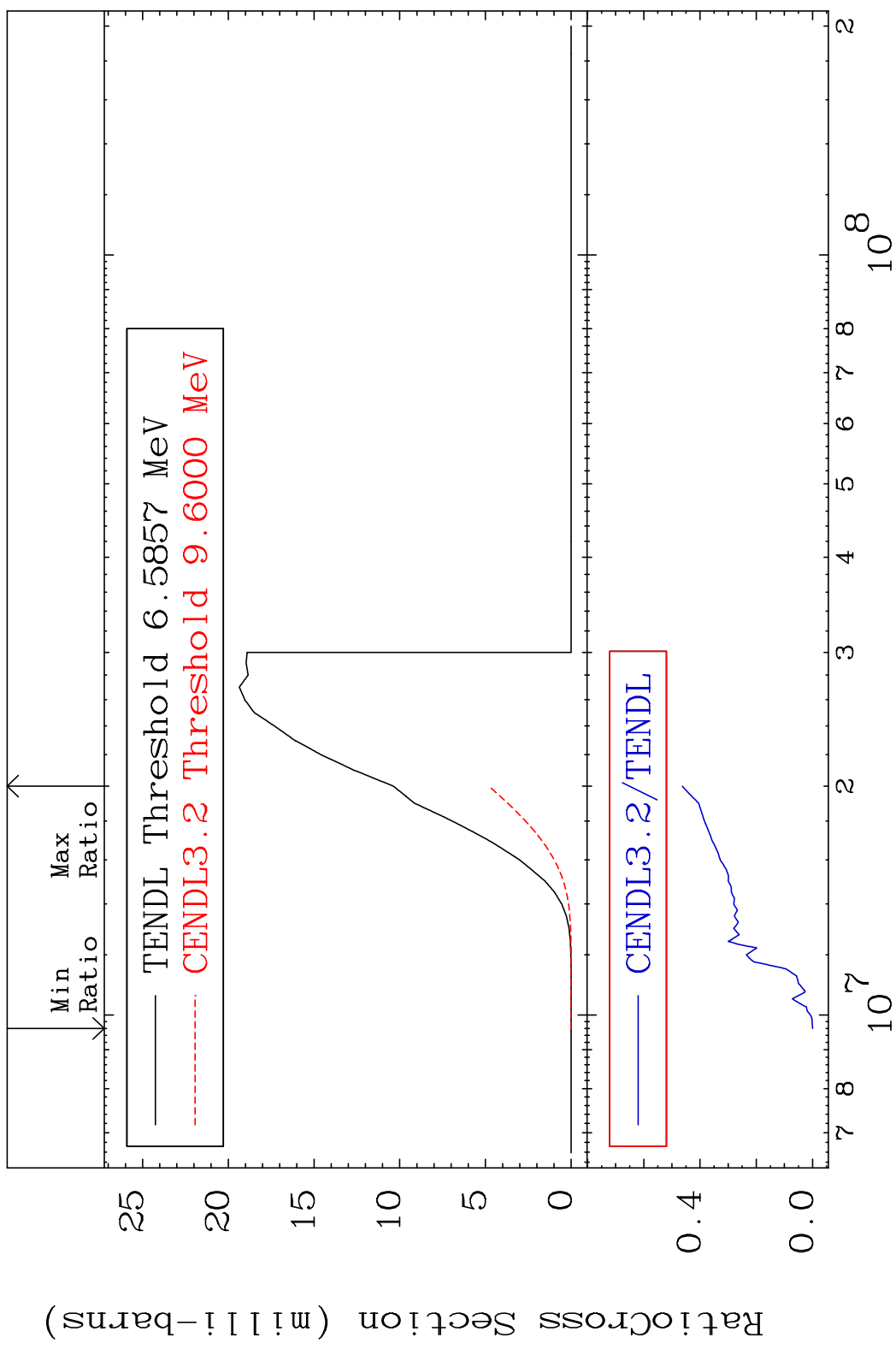
50-Sn-115

MAT 5034

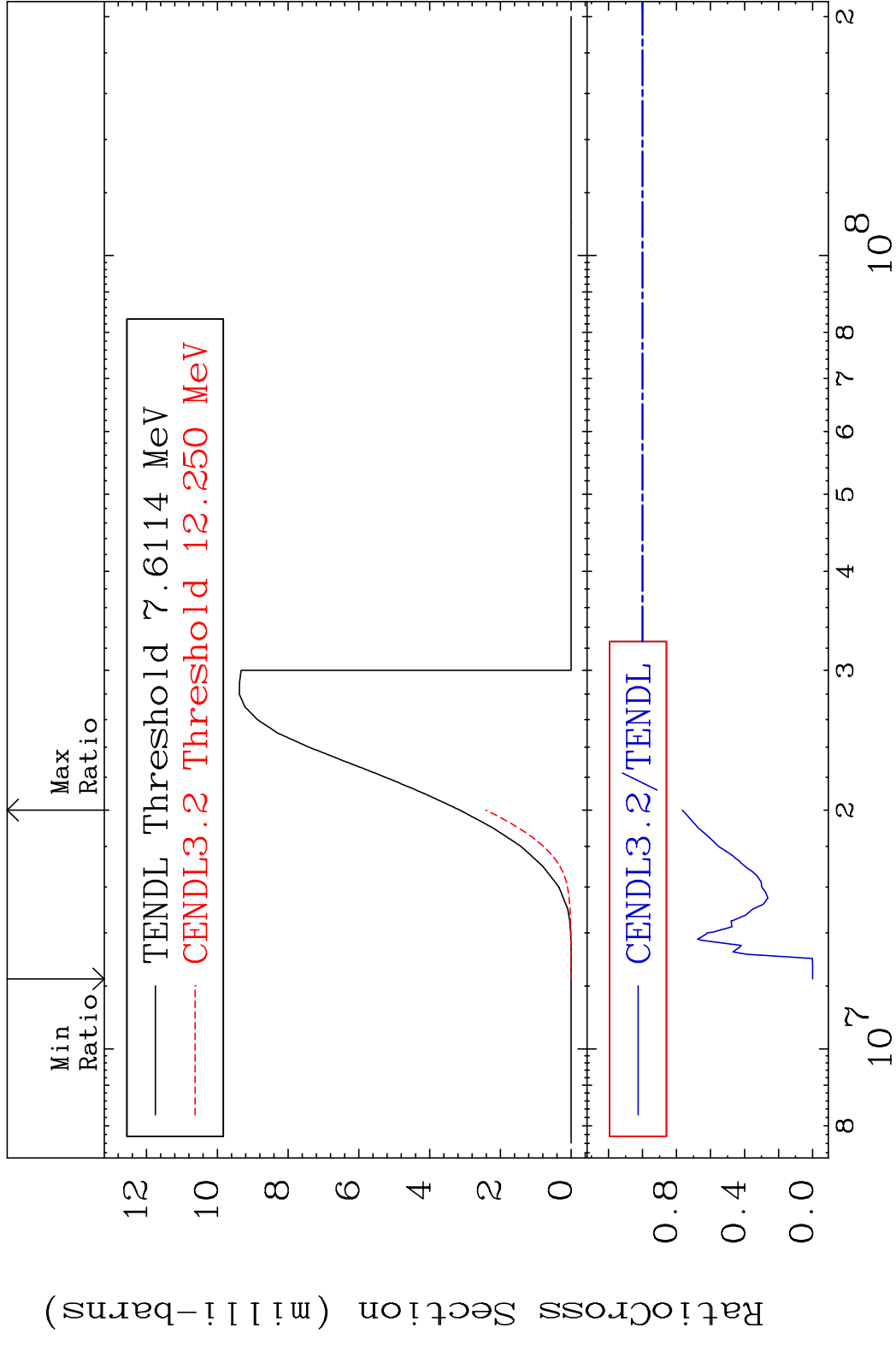
(n, d)

50-Sn-115

Cross Section -100.0 To -53.72%



MAT 5034 (n, t) 50-Sn-115
 Cross Section -100.0 To -23.43%

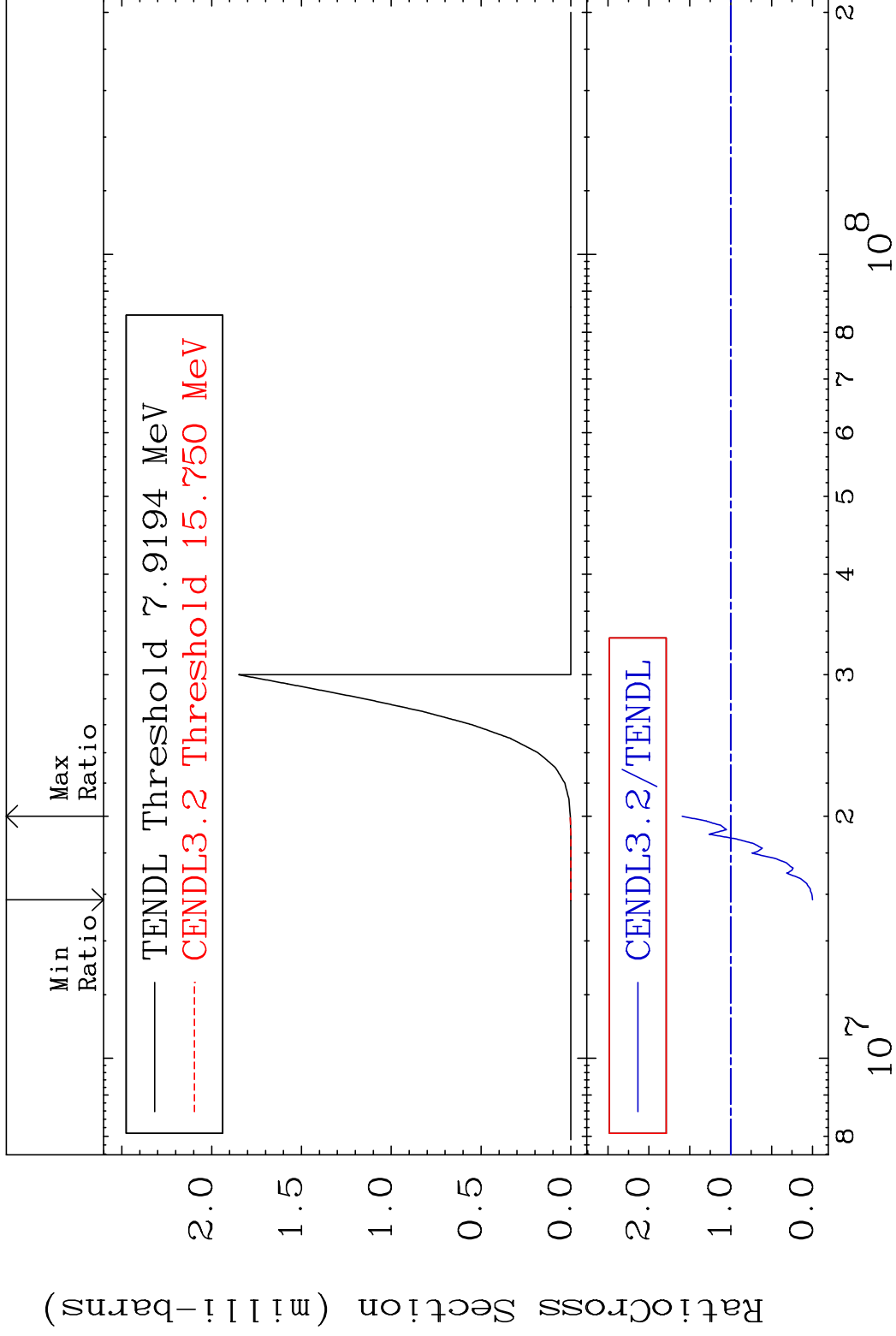


MAT 5034

(n, He-3)

50-Sn-115

Cross Section -100.0 To 59.36 %



34

Incident Energy (eV)

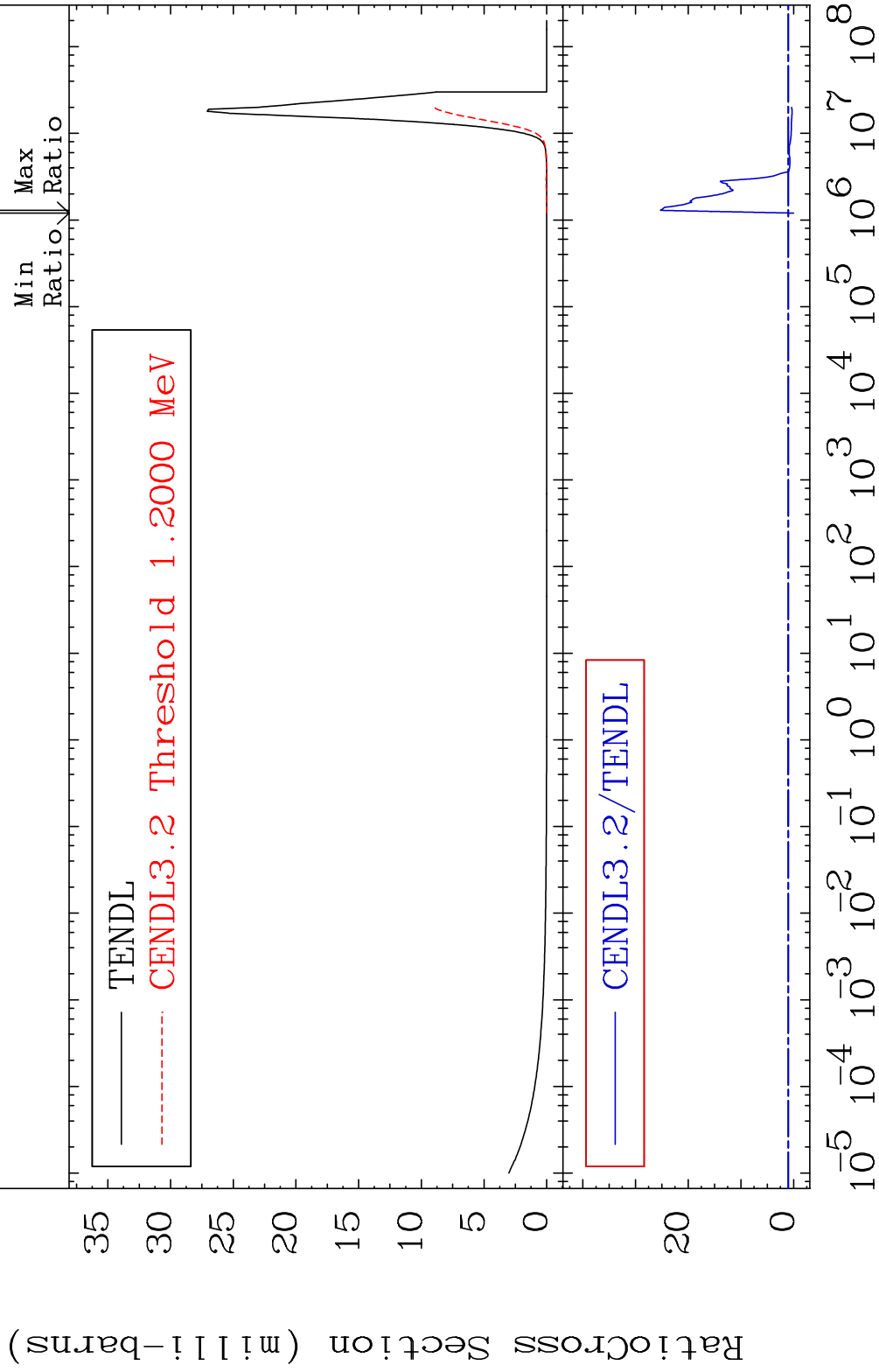
50-Sn-115

MAT 5034

(n, α)

50-Sn-115

Cross Section -100.0 To 2427. %

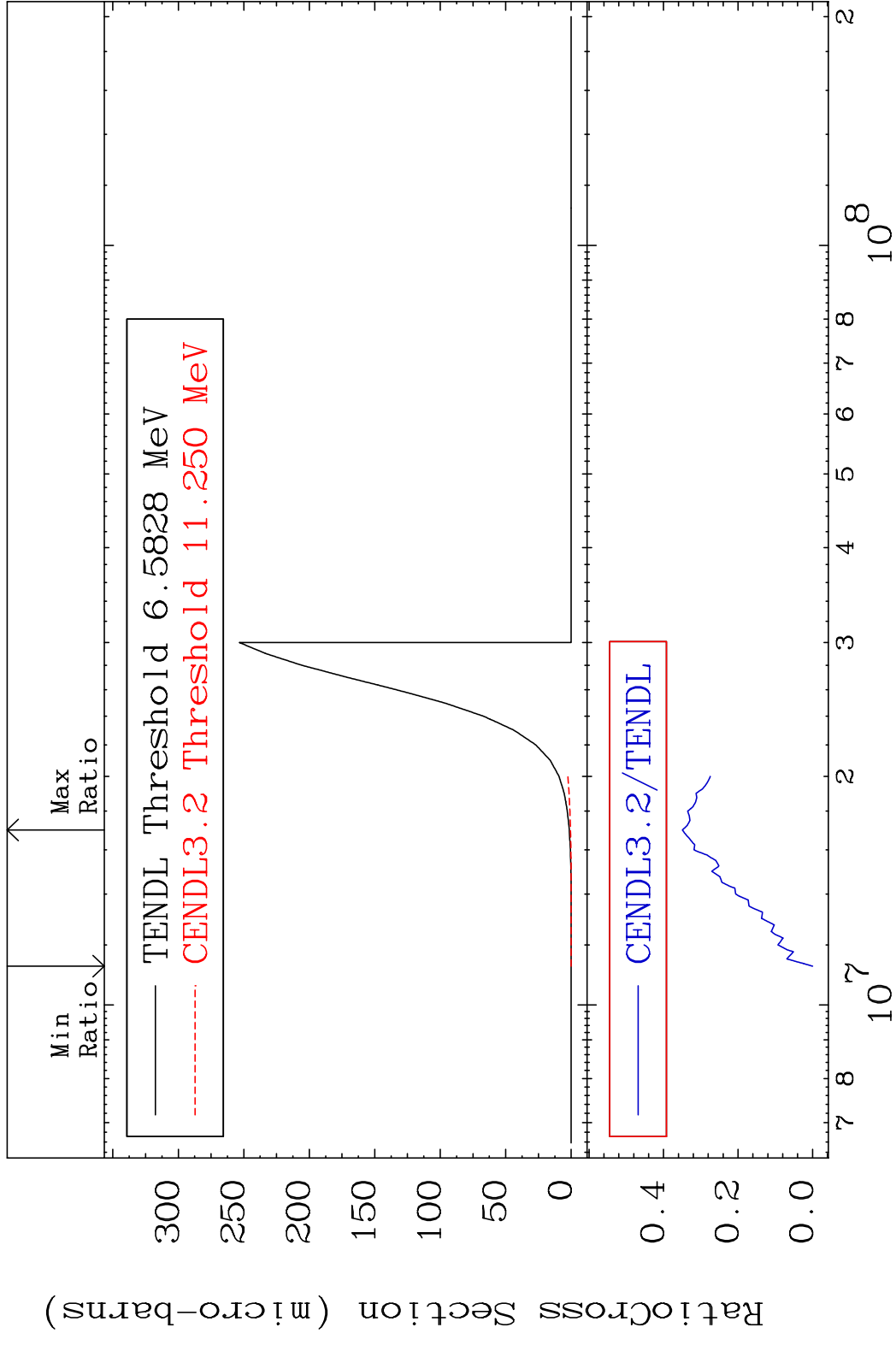


35

Incident Energy (eV)

50-Sn-115

MAT 5034 (n,2p) 50-Sn-115
 Cross Section -100.0 To -65.05%

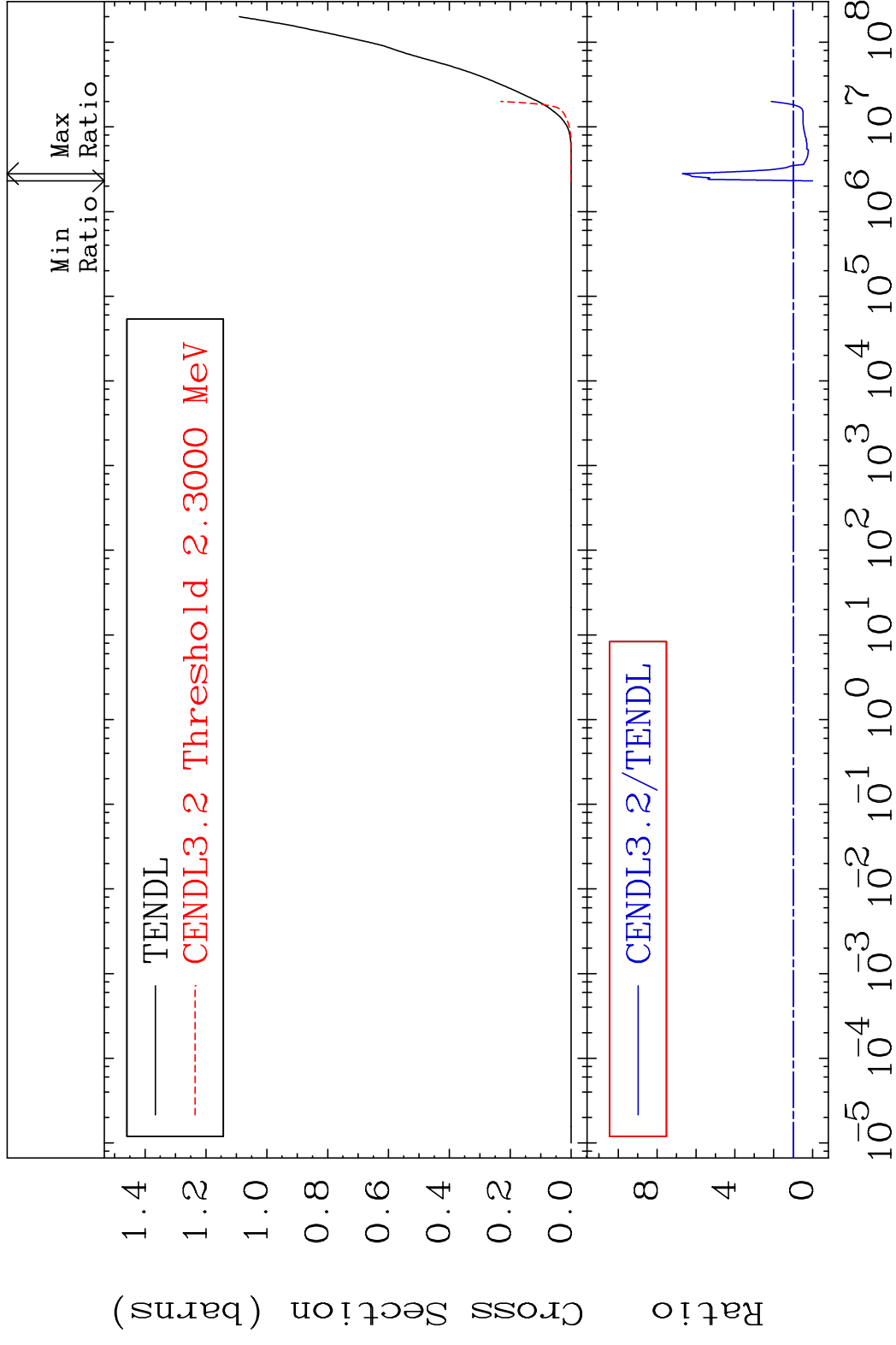


MAT 5034

Hydrogen Production

50-Sn-115

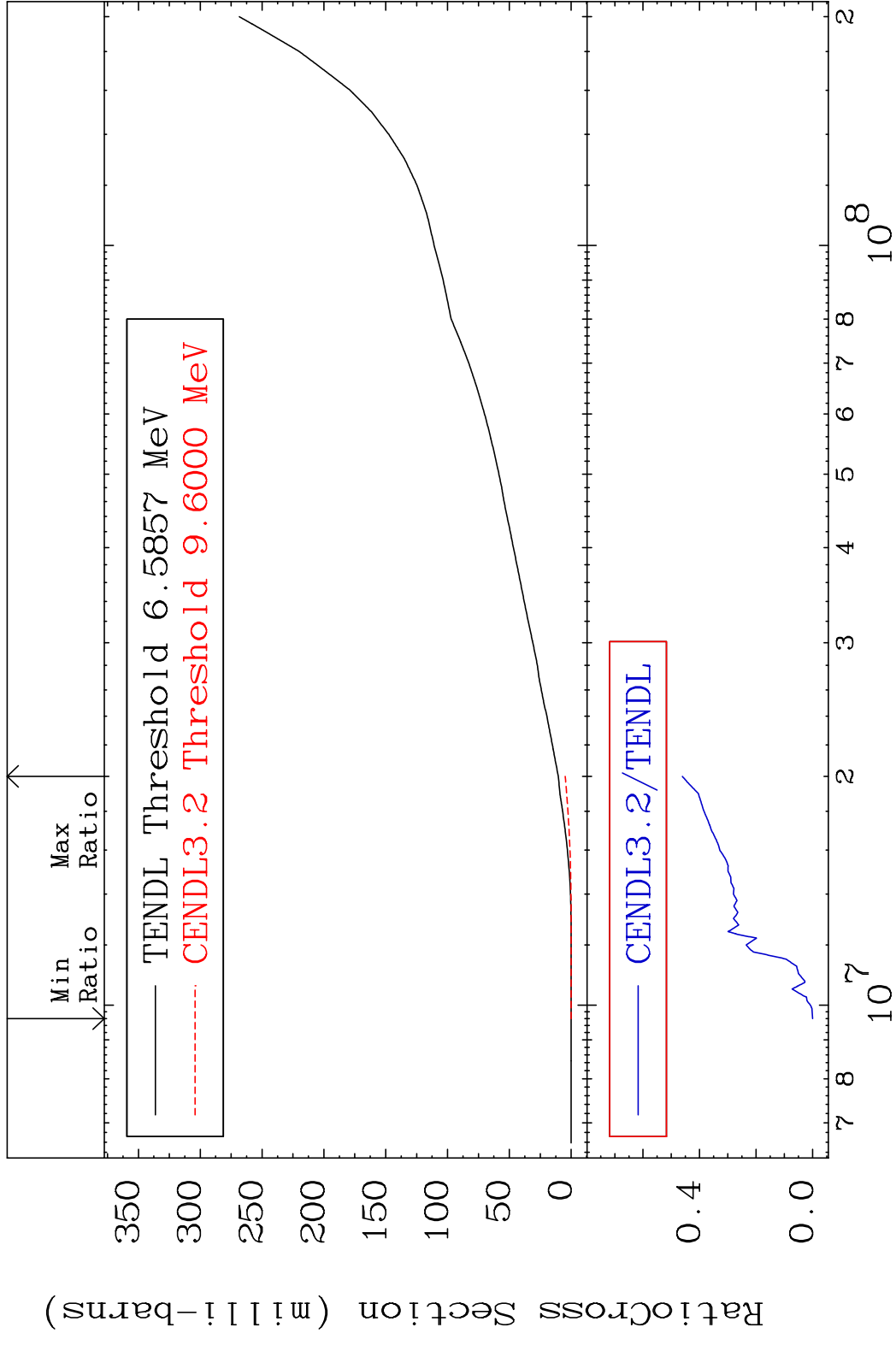
Cross Section -100.0 To 570.2 %



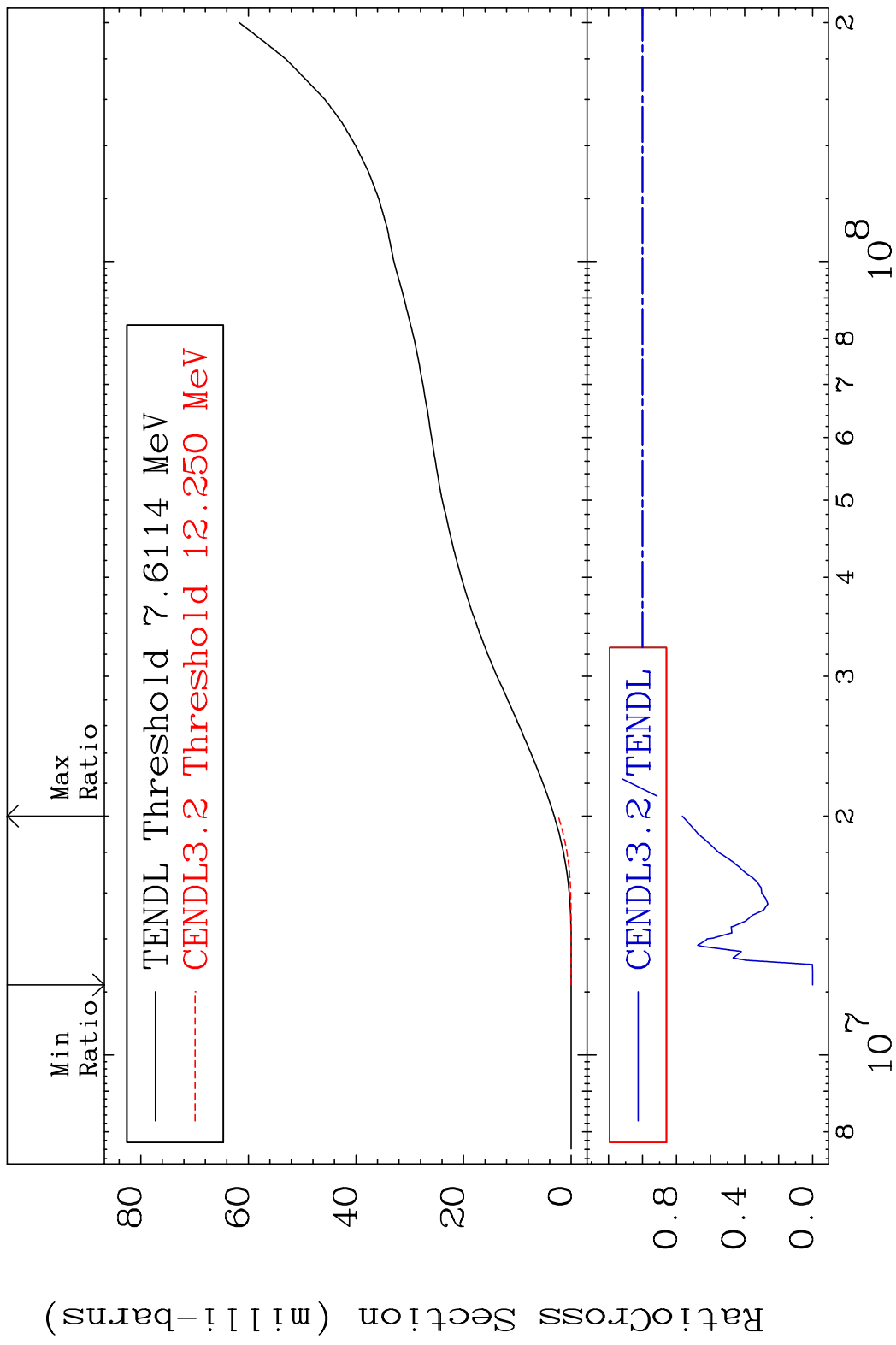
MAT 5034

Deuterium Production 50-Sn-115

Cross Section -100.0 To -53.92%



MAT 5034 Tritium Production 50-Sn-115
 Cross Section -100.0 To -23.43%

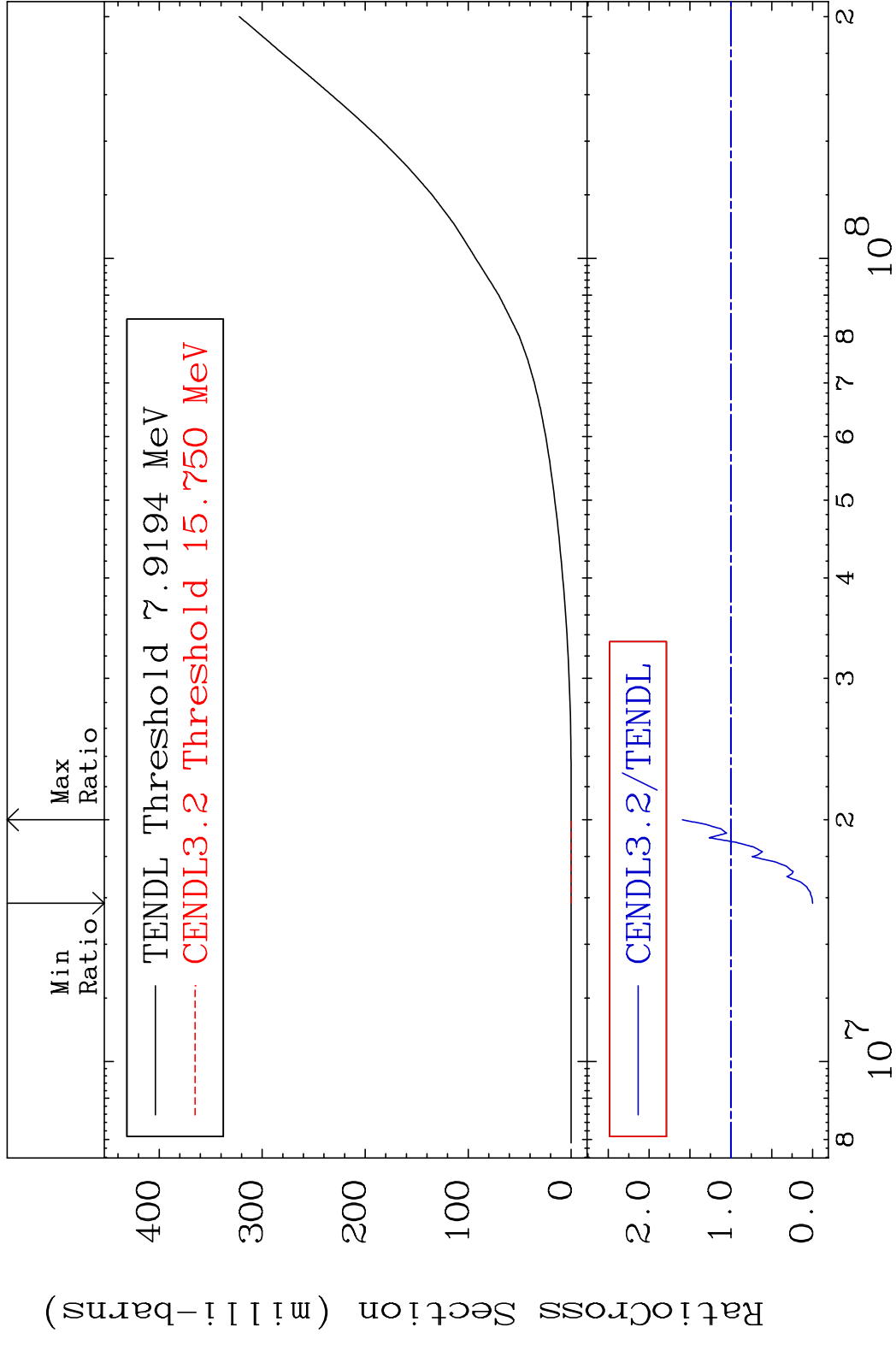


MAT 5034

He-3 Production

50-Sn-115

Cross Section -100.0 To 59.36 %



40

Incident Energy (eV)

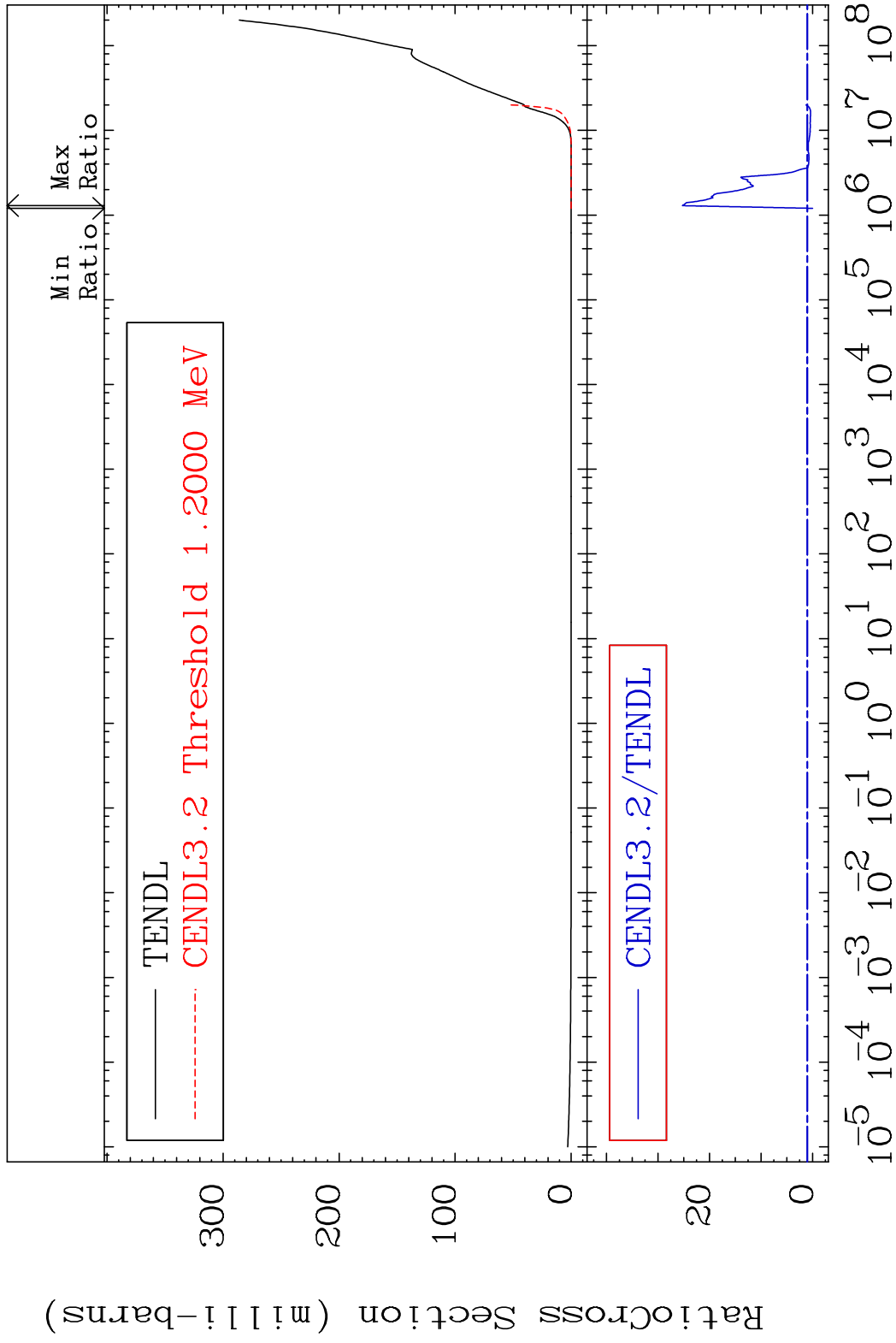
50-Sn-115

MAT 5034

He-4 Production

50-Sn-115

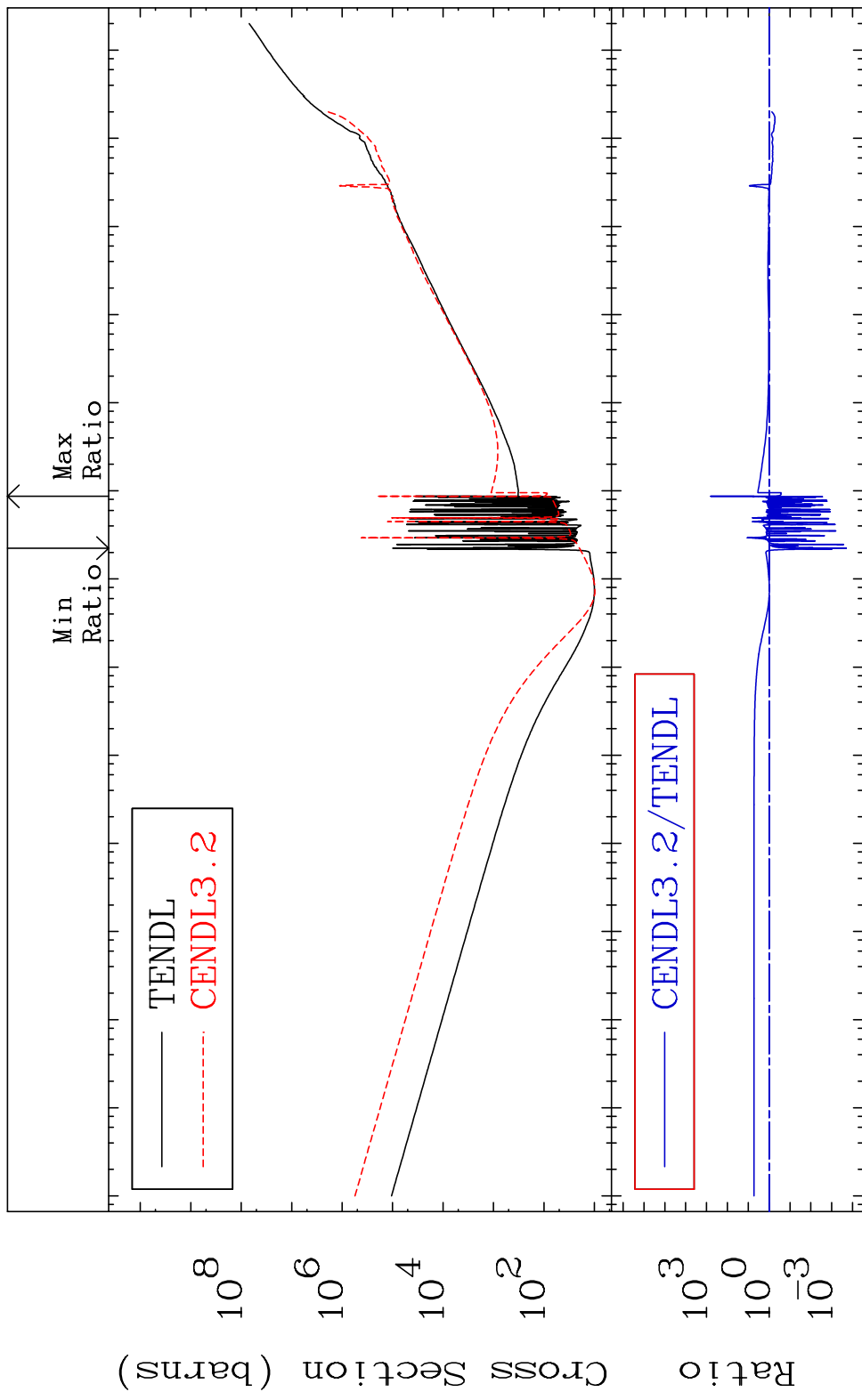
Cross Section -100.0 To 2427. %



41

50-Sn-115

MAT 5034 Kerma total (eV-barns) 50-Sn-115
 Cross Section -99.98 To 9999. %



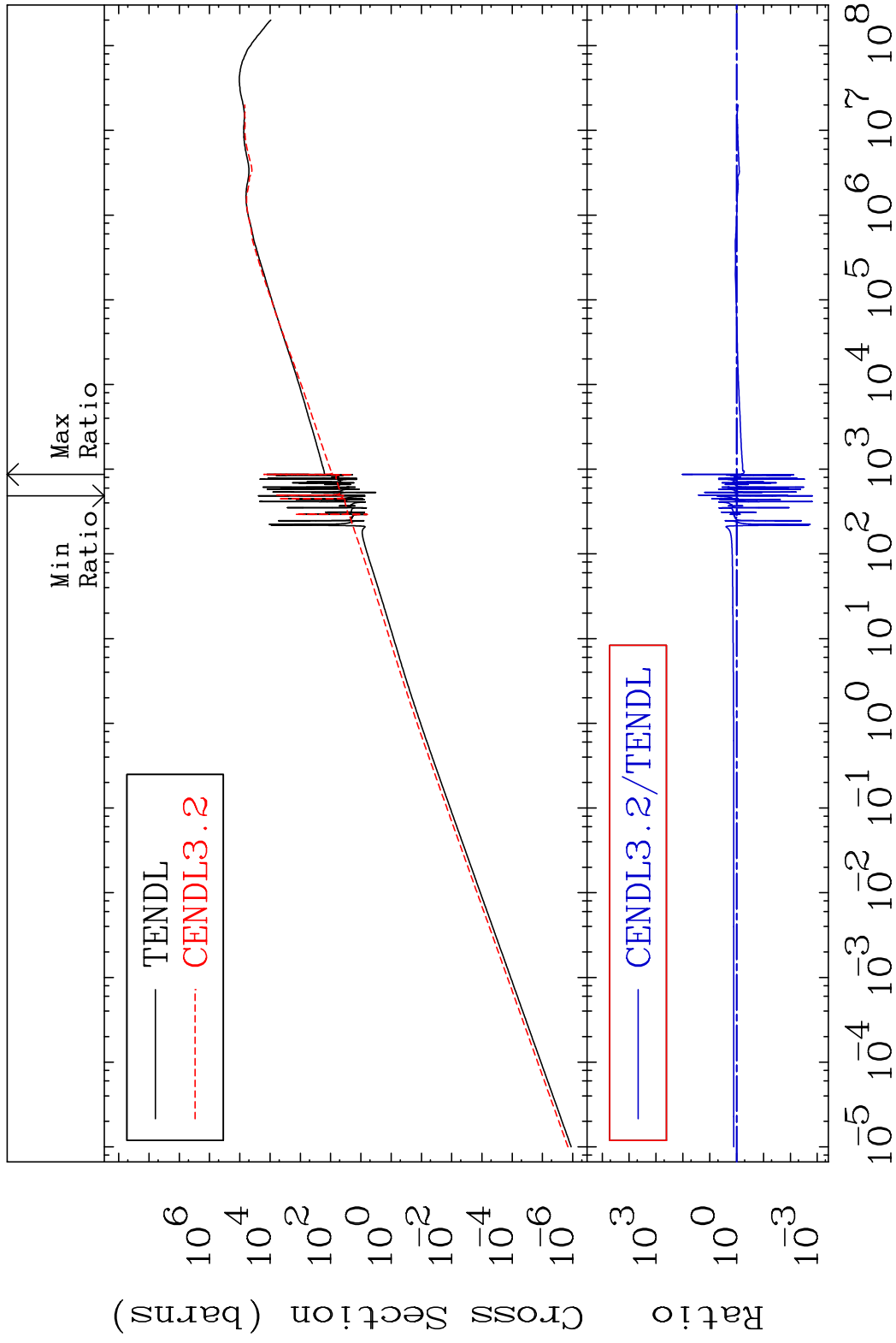
42 Incident Energy (eV) 50-Sn-115

MAT 5034

Kerma elastic

50-Sn-115

Cross Section -99.85 To 9999. %

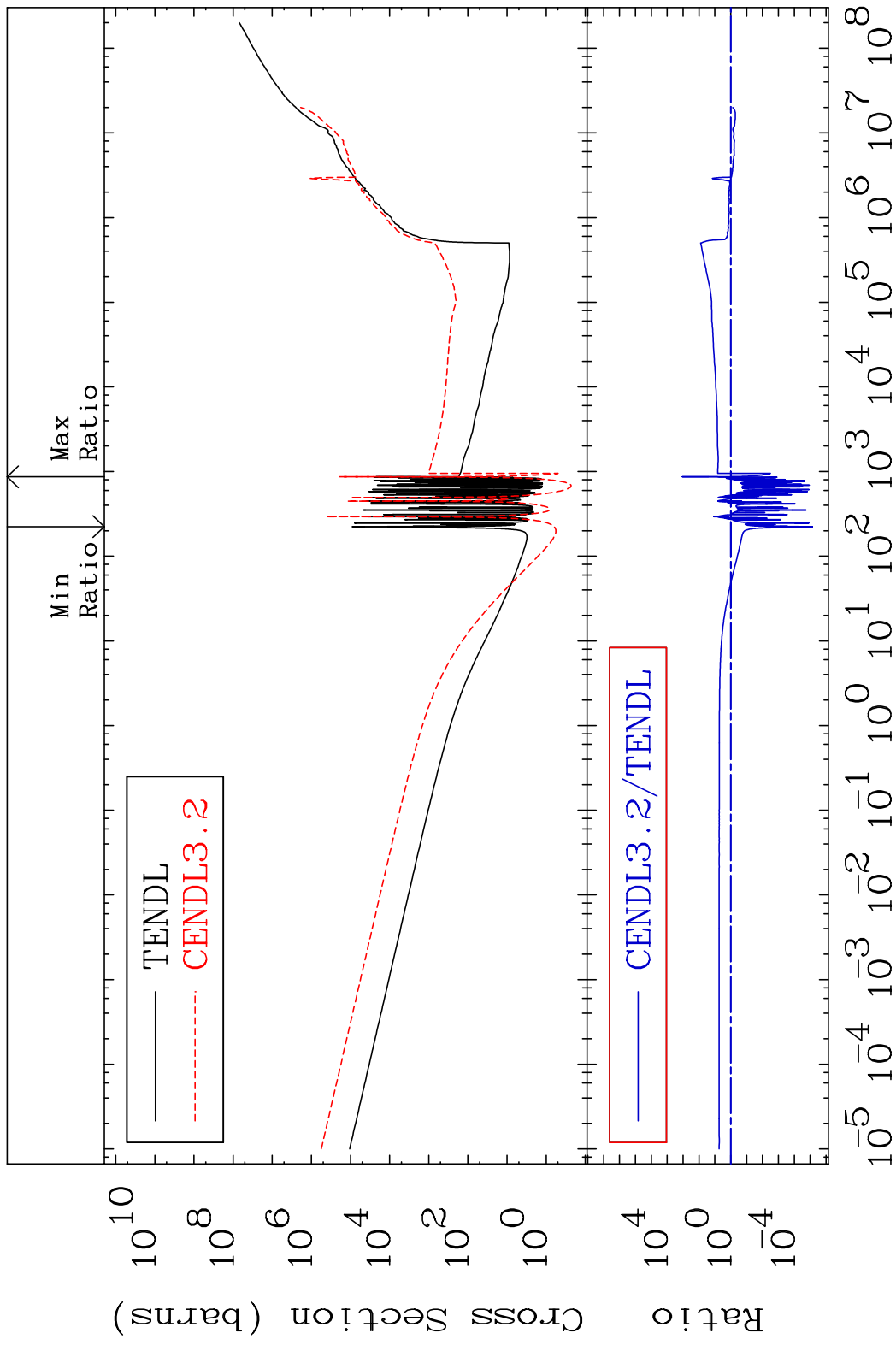


43

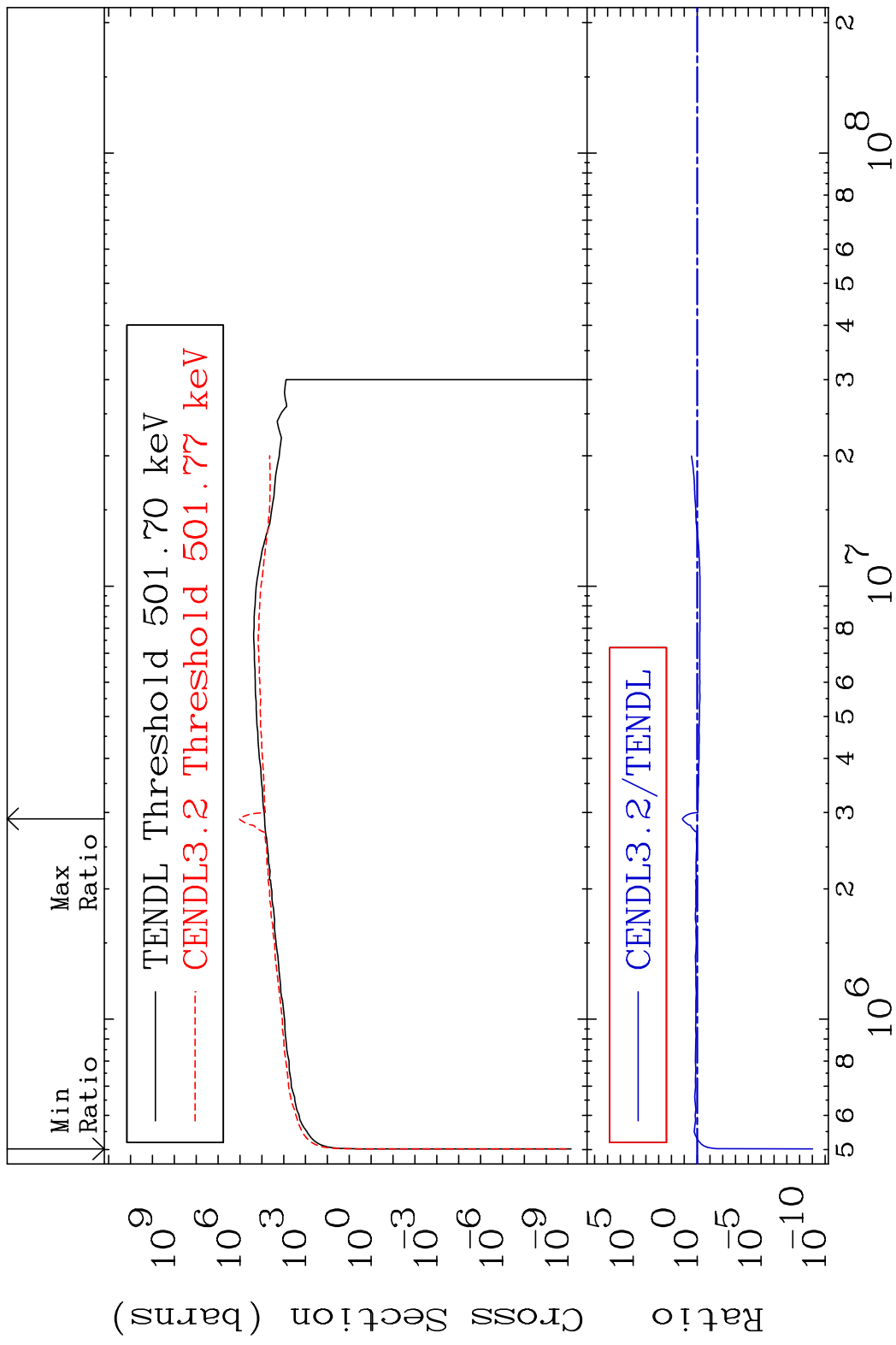
Incident Energy (eV)

50-Sn-115

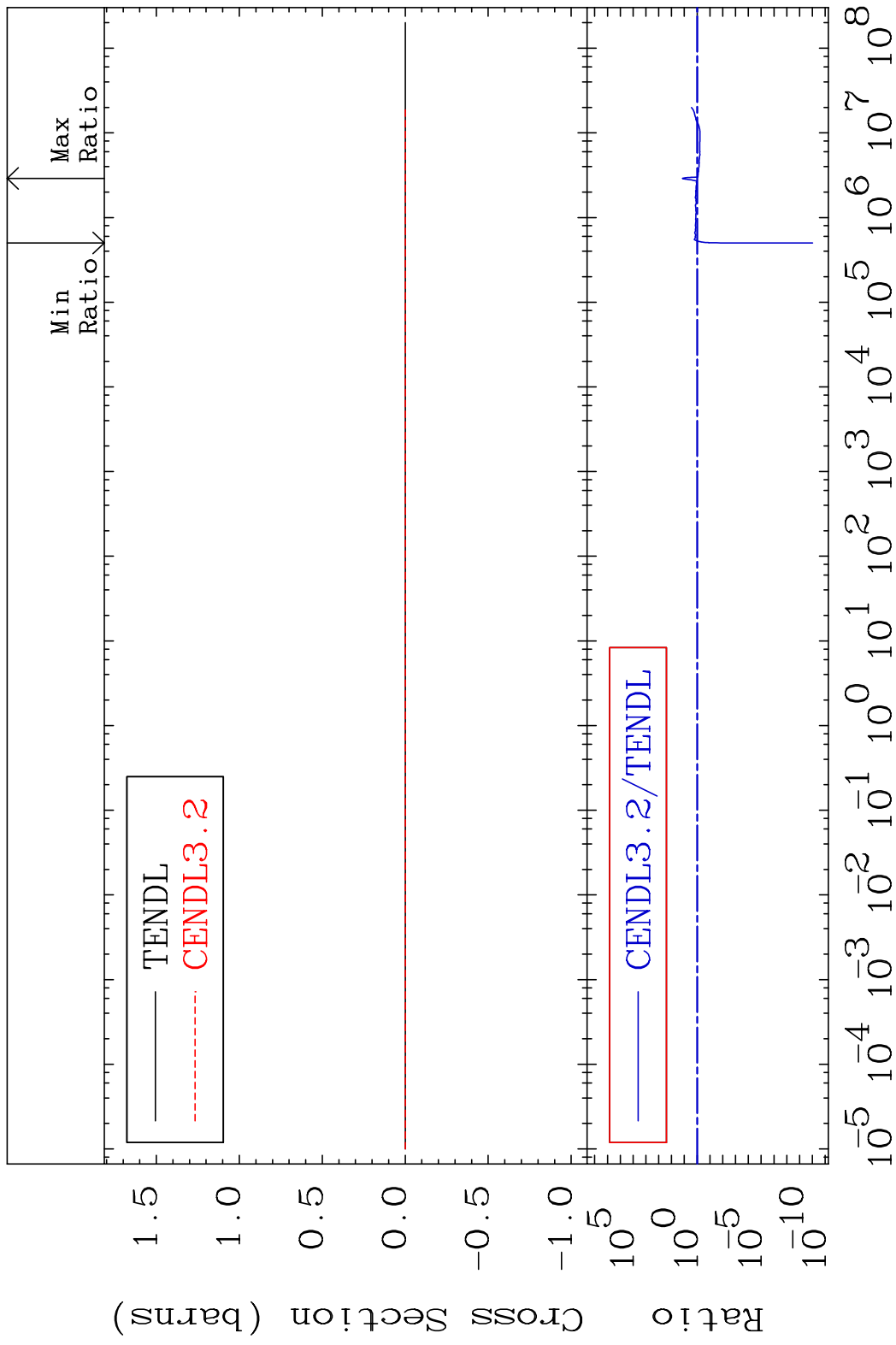
MAT 5034 Kerma non-elastic (all but mt2) 50-Sn-115
 Cross Section -100.0 To 9999. %



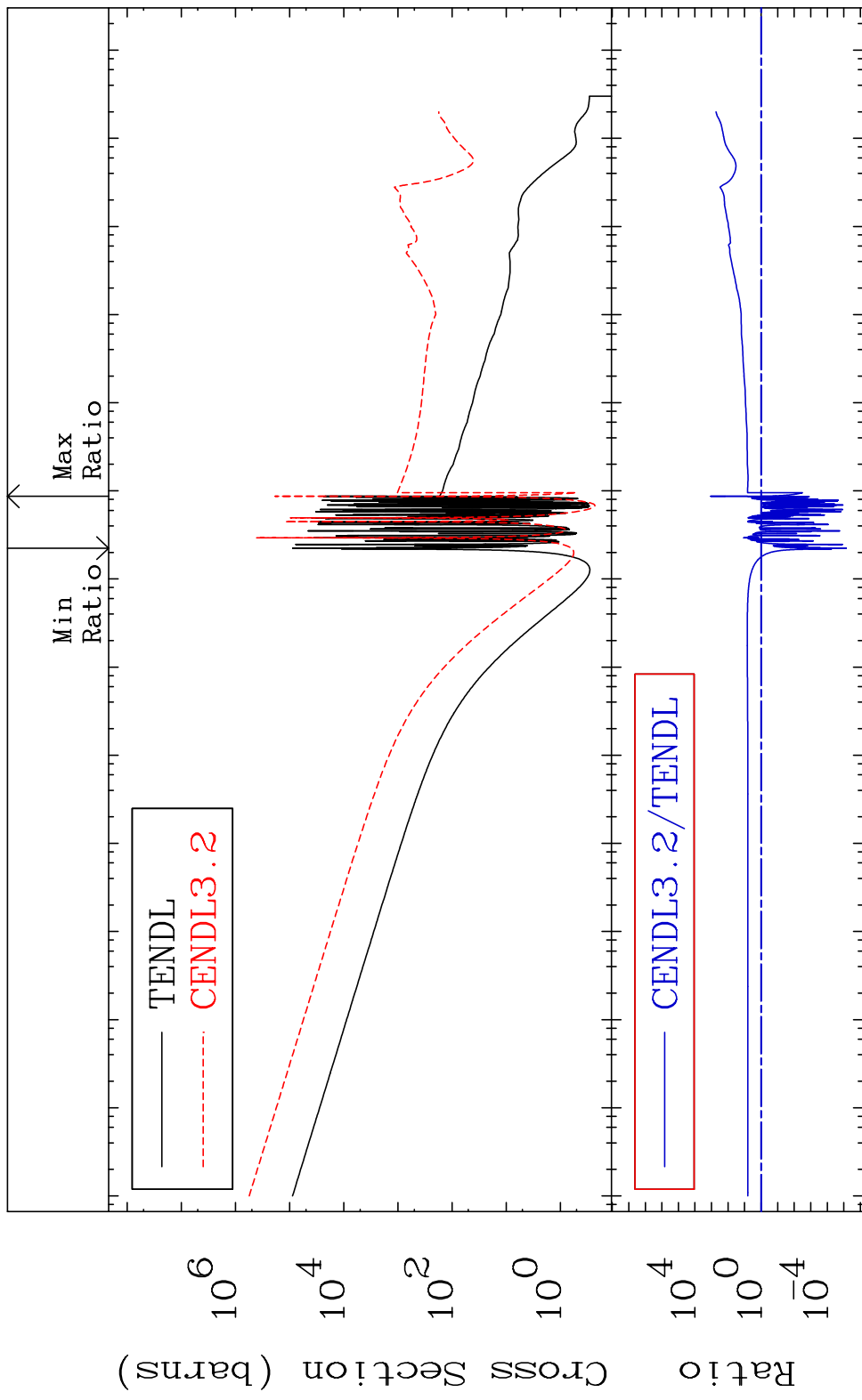
MAT 5034 Kerma inelastic (mt51-91) 50-Sn-115
 Cross Section -100.0 To 1324. %



MAT 5034 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-115
 Cross Section -100.0 To 1324. %

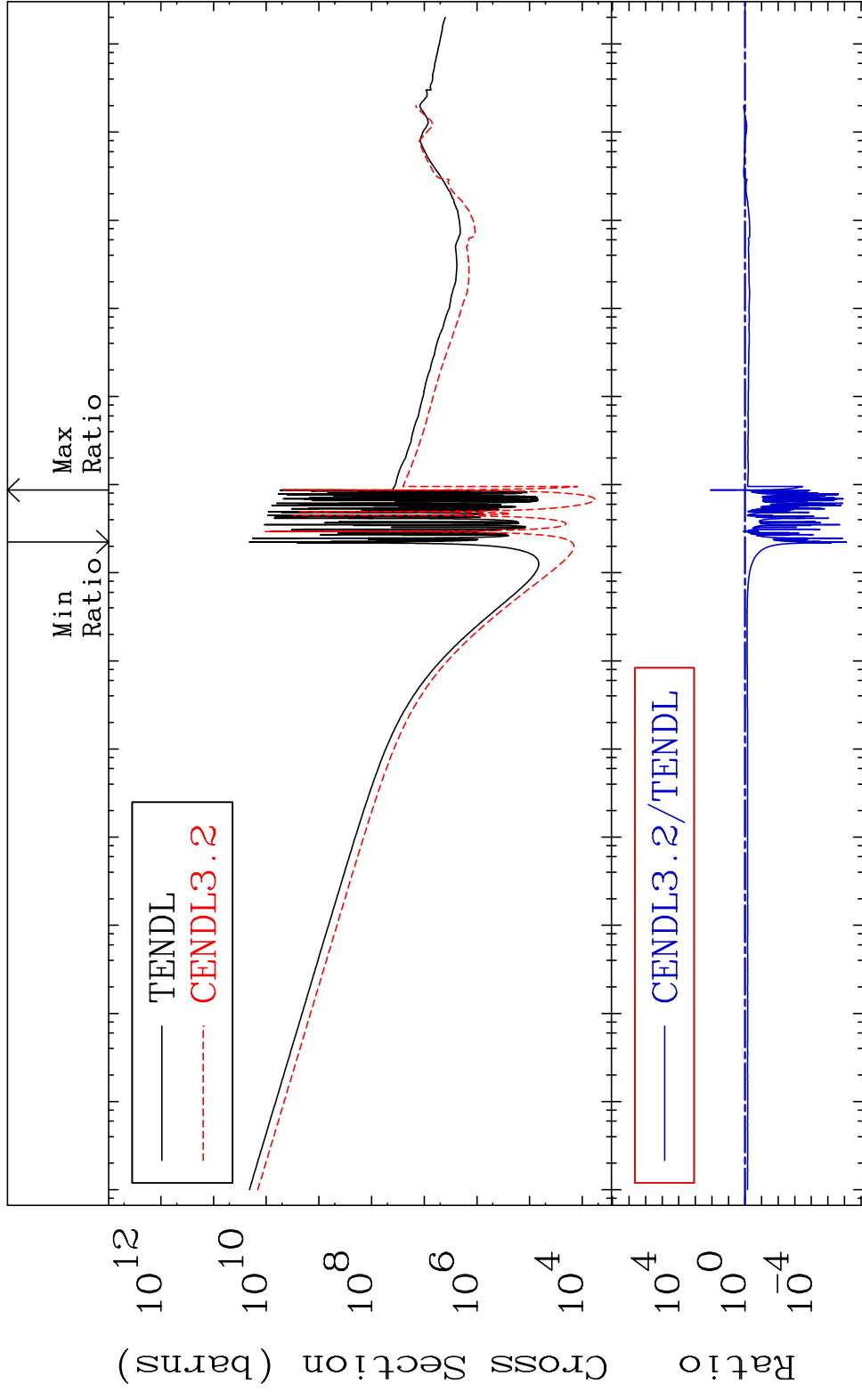


MAT 5034 Kerma capture (mt102) 50-Sn-115
 Cross Section -100.0 To 9999. %

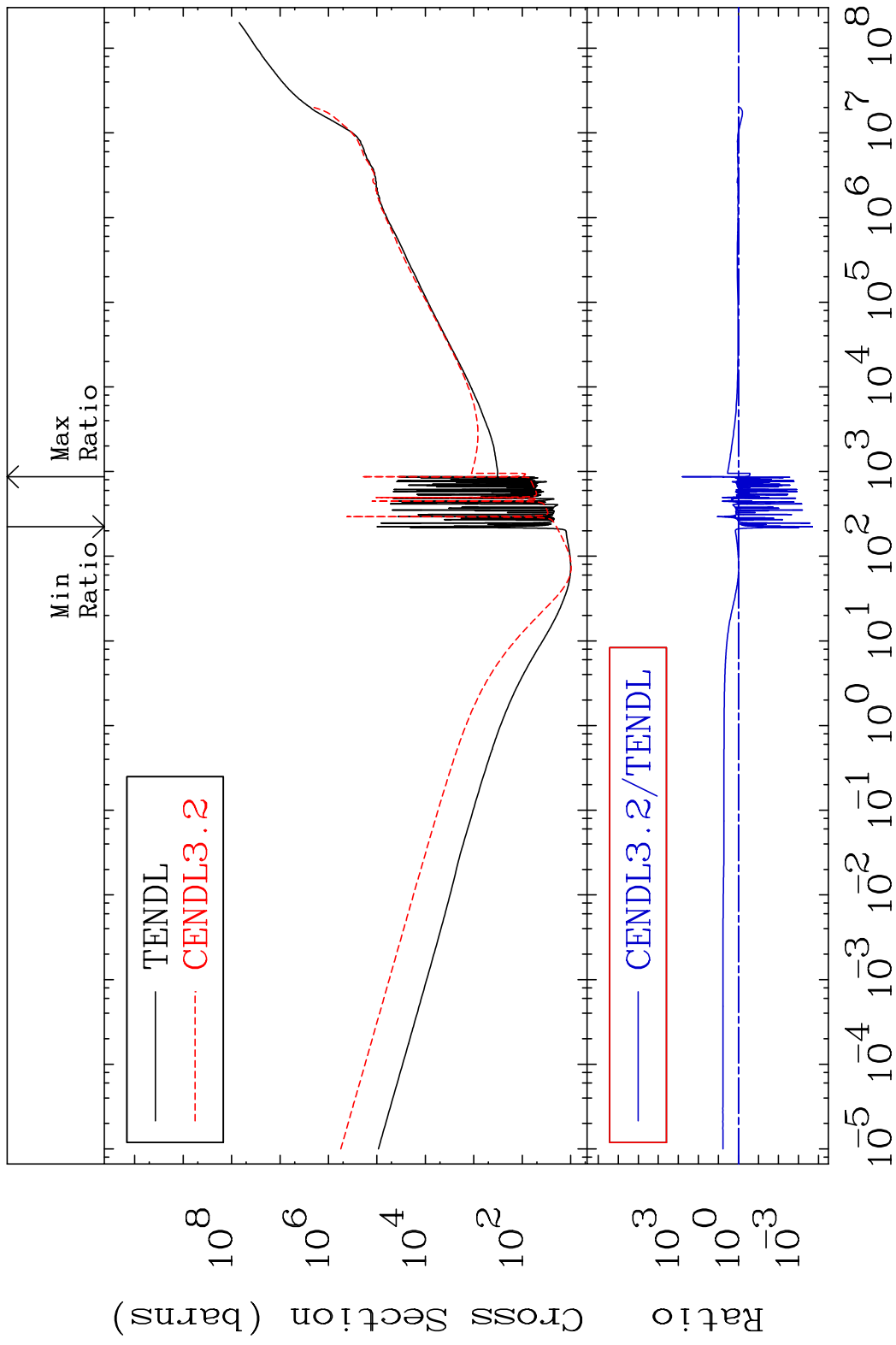


47 Incident Energy (eV) 50-Sn-115

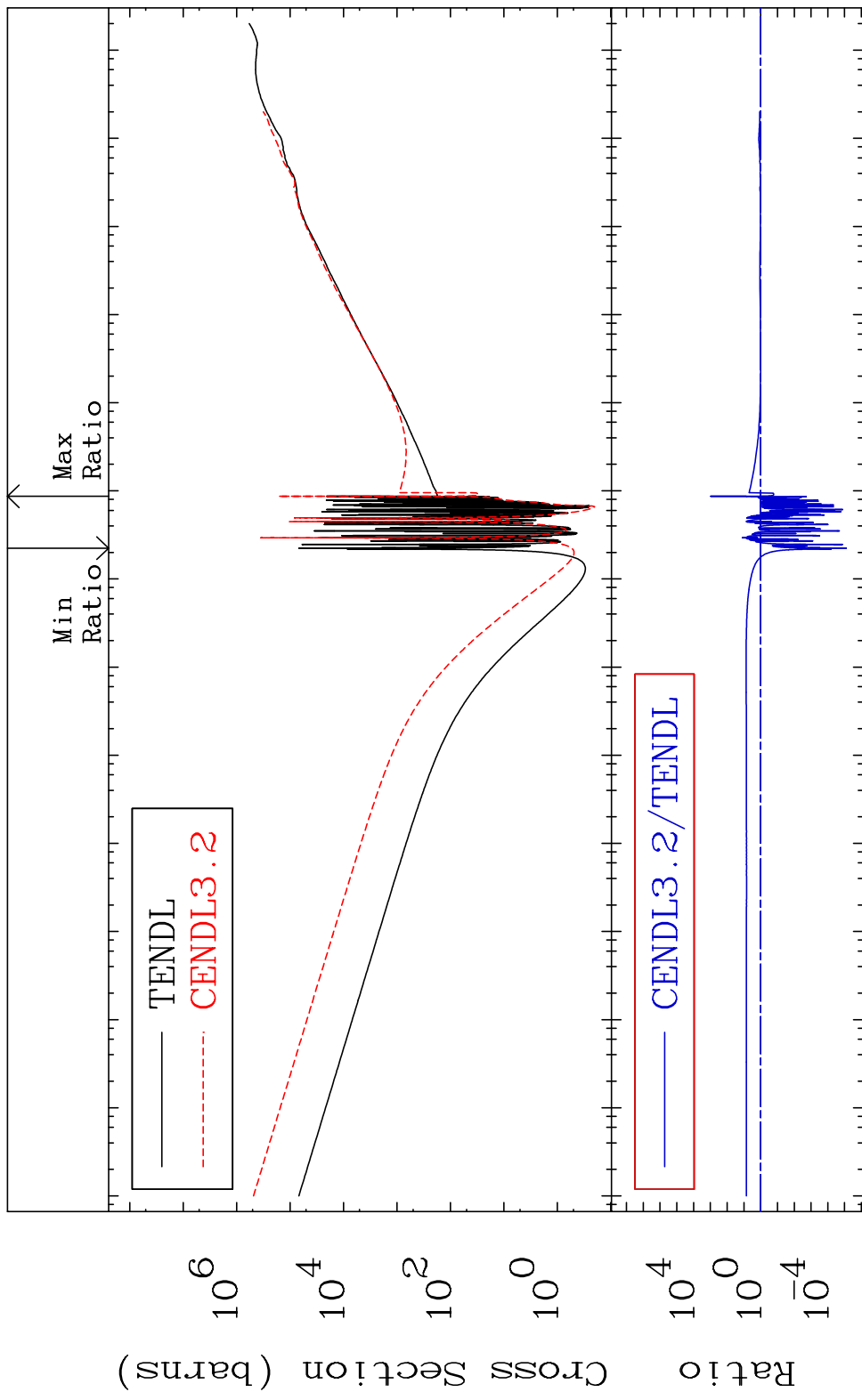
MAT 5034 Total photon (eV-barns) 50-Sn-115
 Cross Section -100.0 To 9999. %



MAT 5034 Total kinematic kerma (high limit) 50-Sn-115
 Cross Section -99.98 To 9999. %



MAT 5034 Dpa total (eV-barns) 50-Sn-115
 Cross Section -100.0 To 9999. %



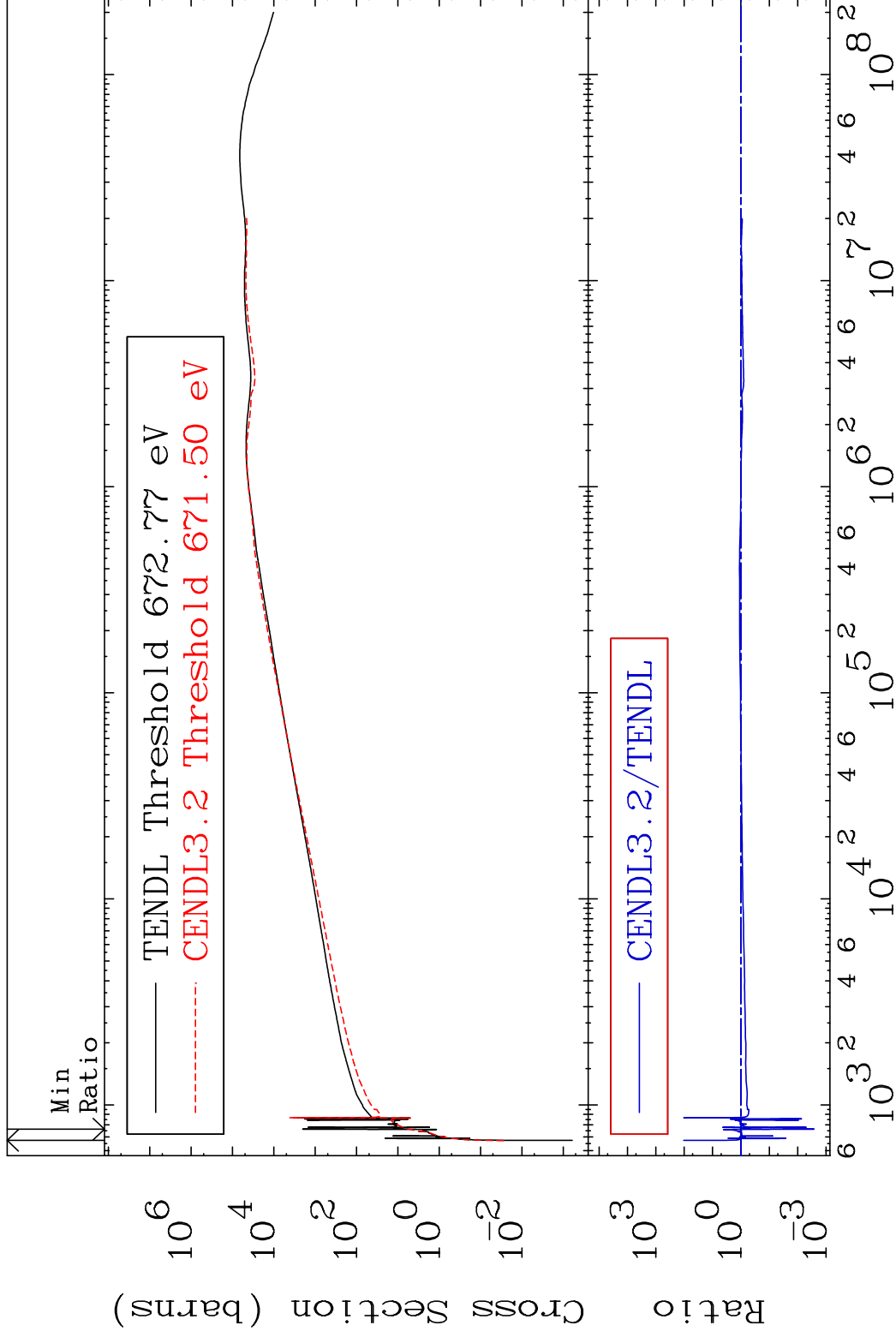
50 Incident Energy (eV) 50-Sn-115

MAT 5034

Dpa elastic (mt2)

50-Sn-115

Cross Section -99.74 To 9999. %

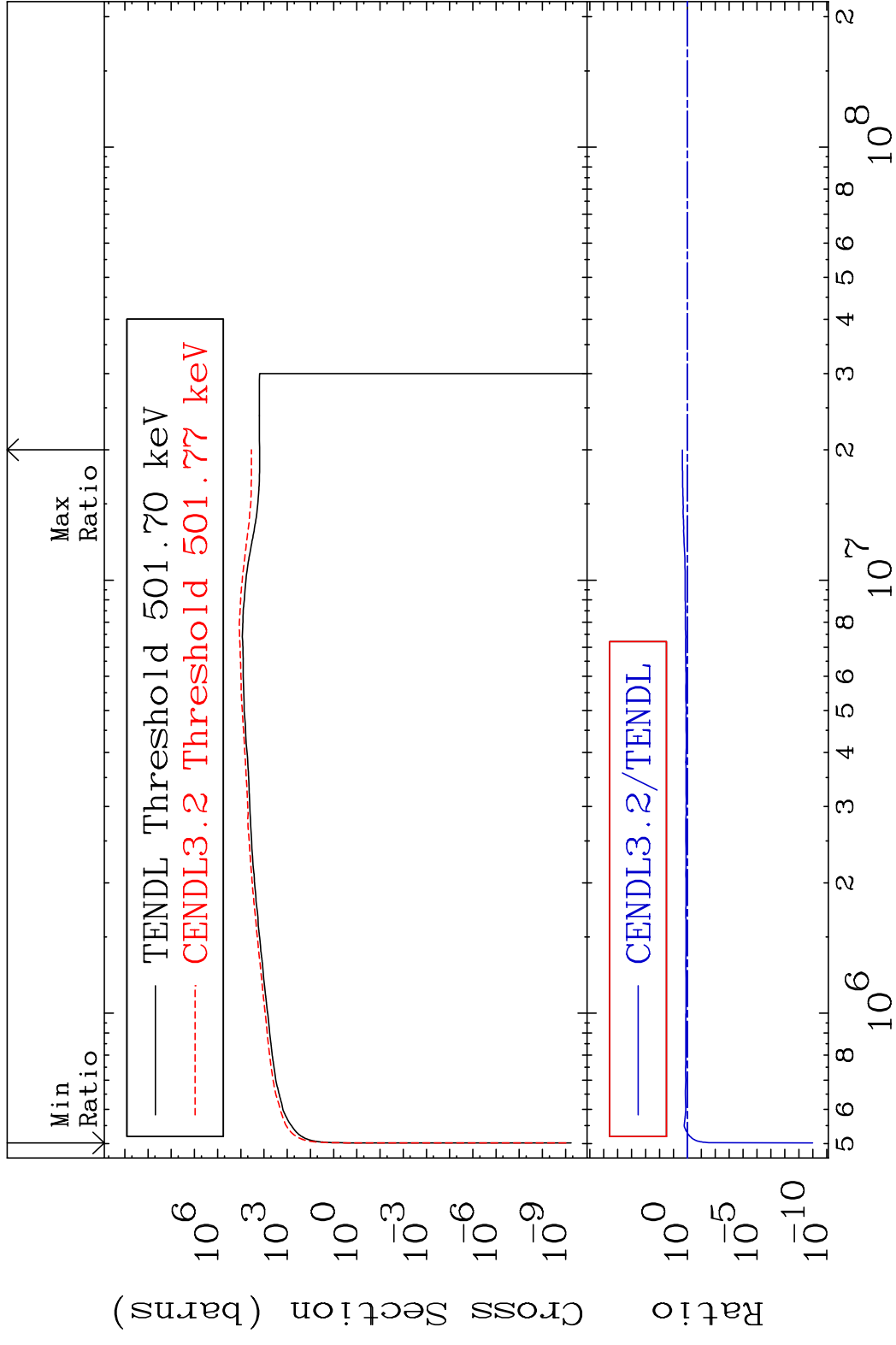


51

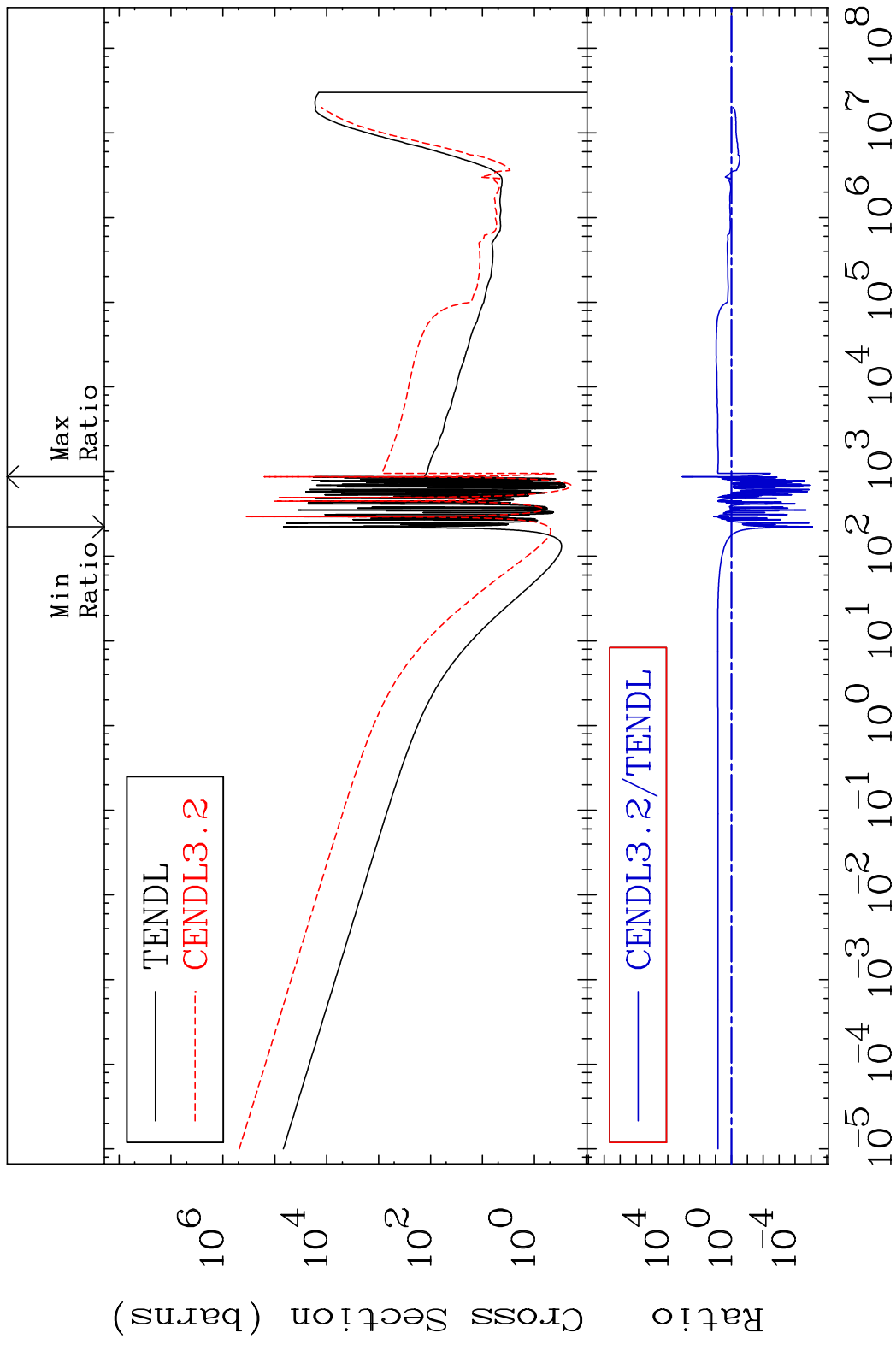
Incident Energy (eV)

50-Sn-115

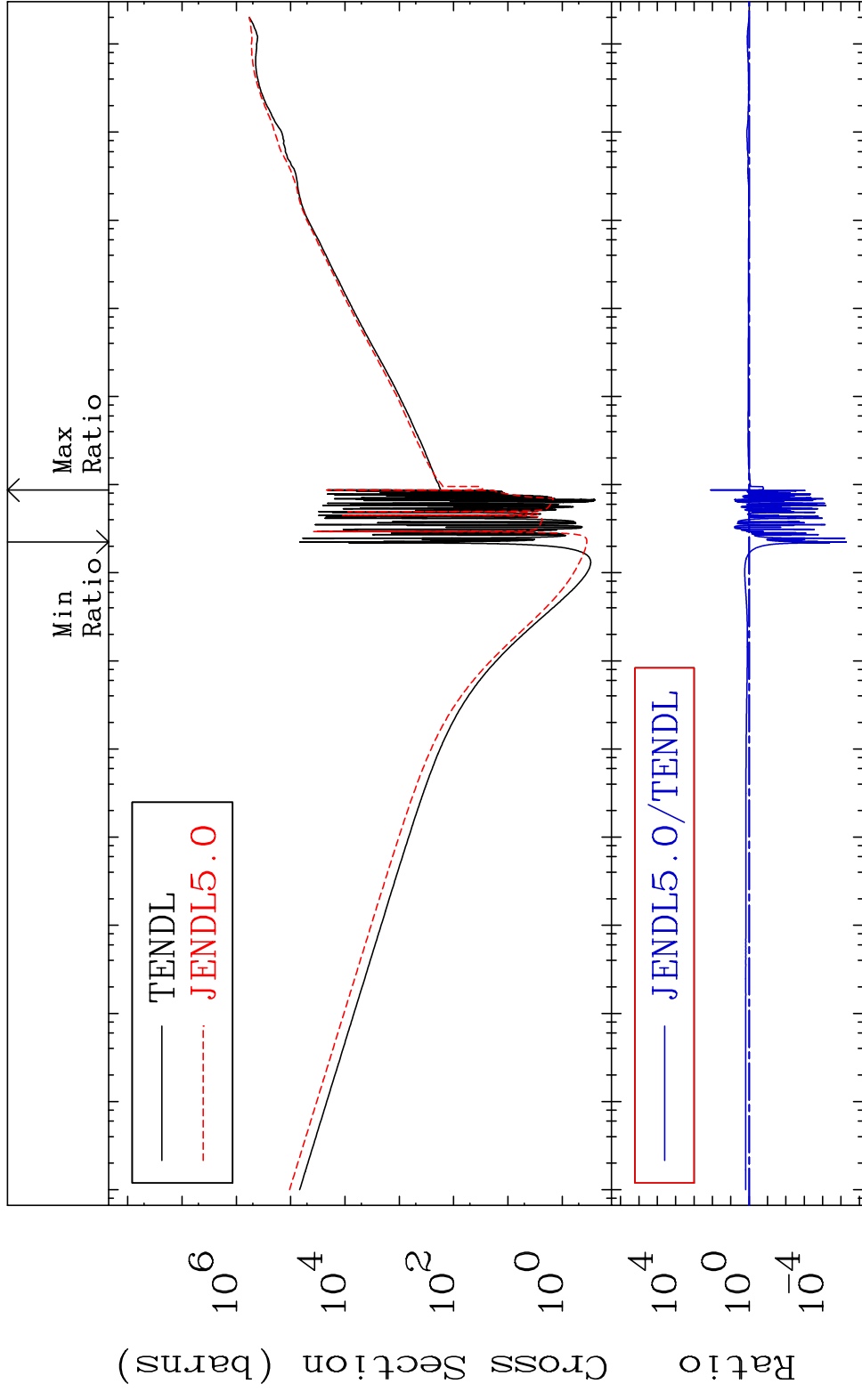
MAT 5034 Dpa inelastic (mt51-91) 50-Sn-115
 Cross Section -100.0 To 129.1 %



MAT 5034 Dpa disappearance (mt102 -120) 50-Sn-115
 Cross Section -100.0 To 9999. %



MAT 5034 Dpa total (eV-barns) 50-Sn-115
 Cross Section -100.0 To 9999. %



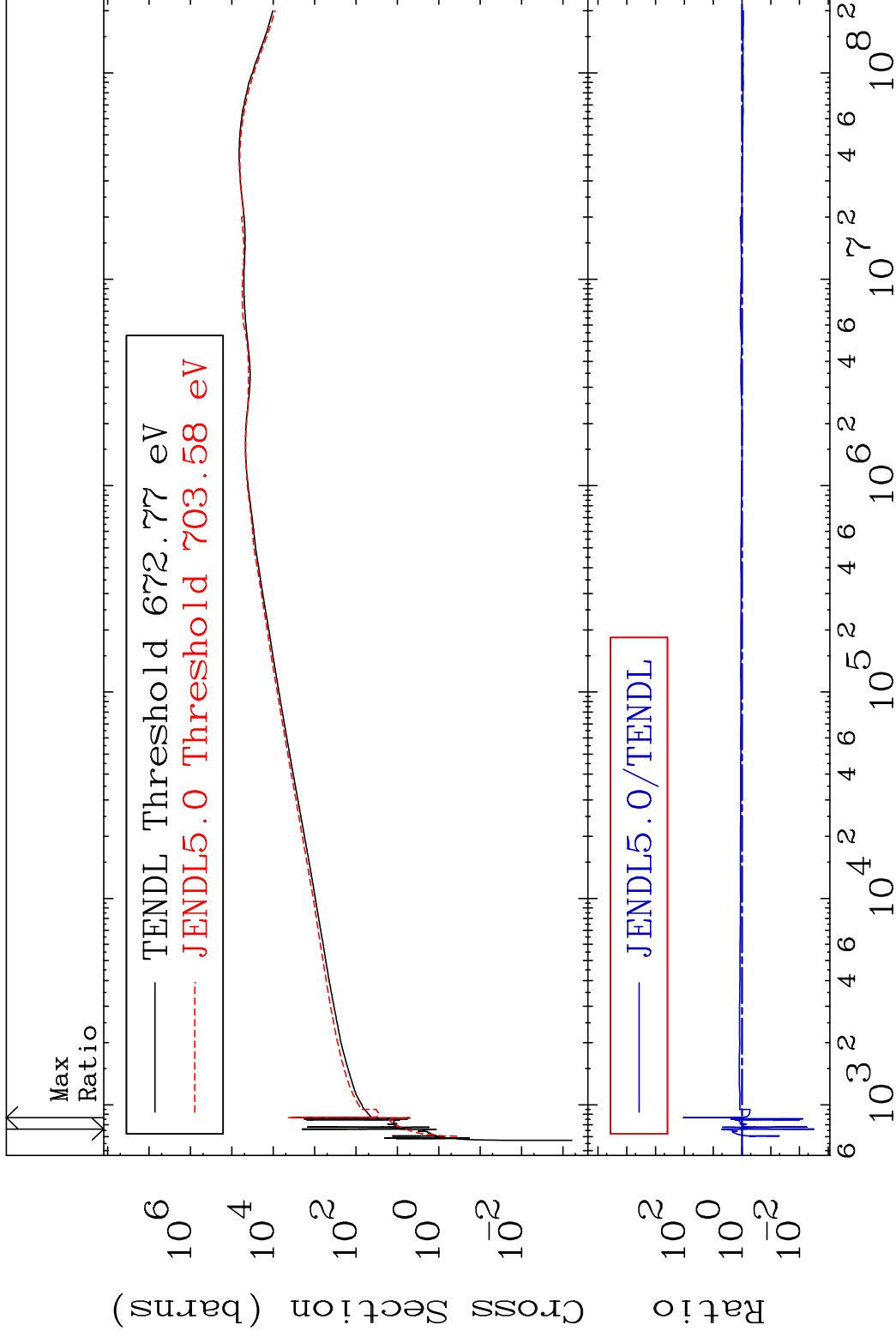
54 Incident Energy (eV) 50-Sn-115

MAT 5034

Dpa elastic (mt2)

50-Sn-115

Cross Section -99.69 To 9999. %

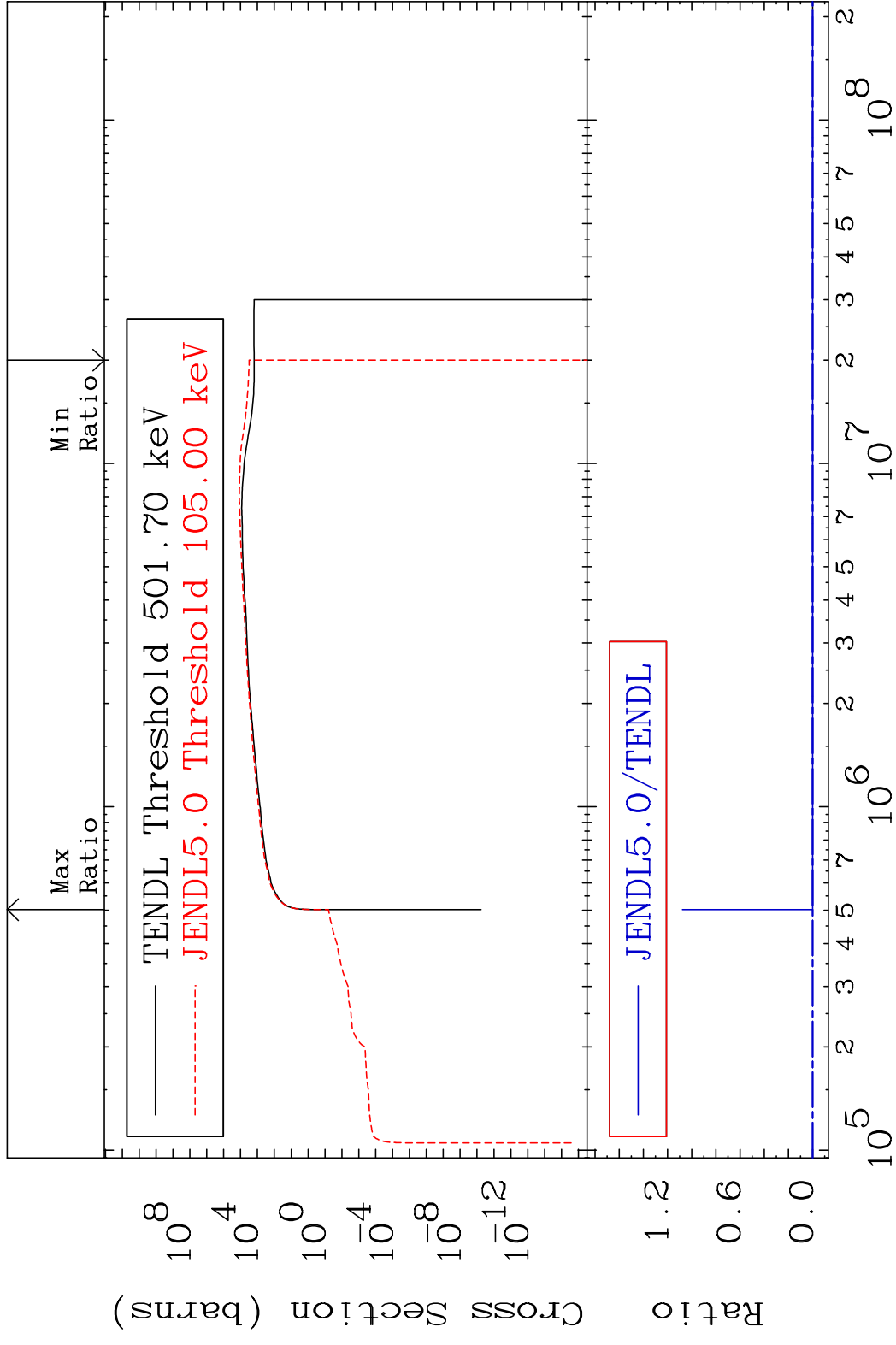


55

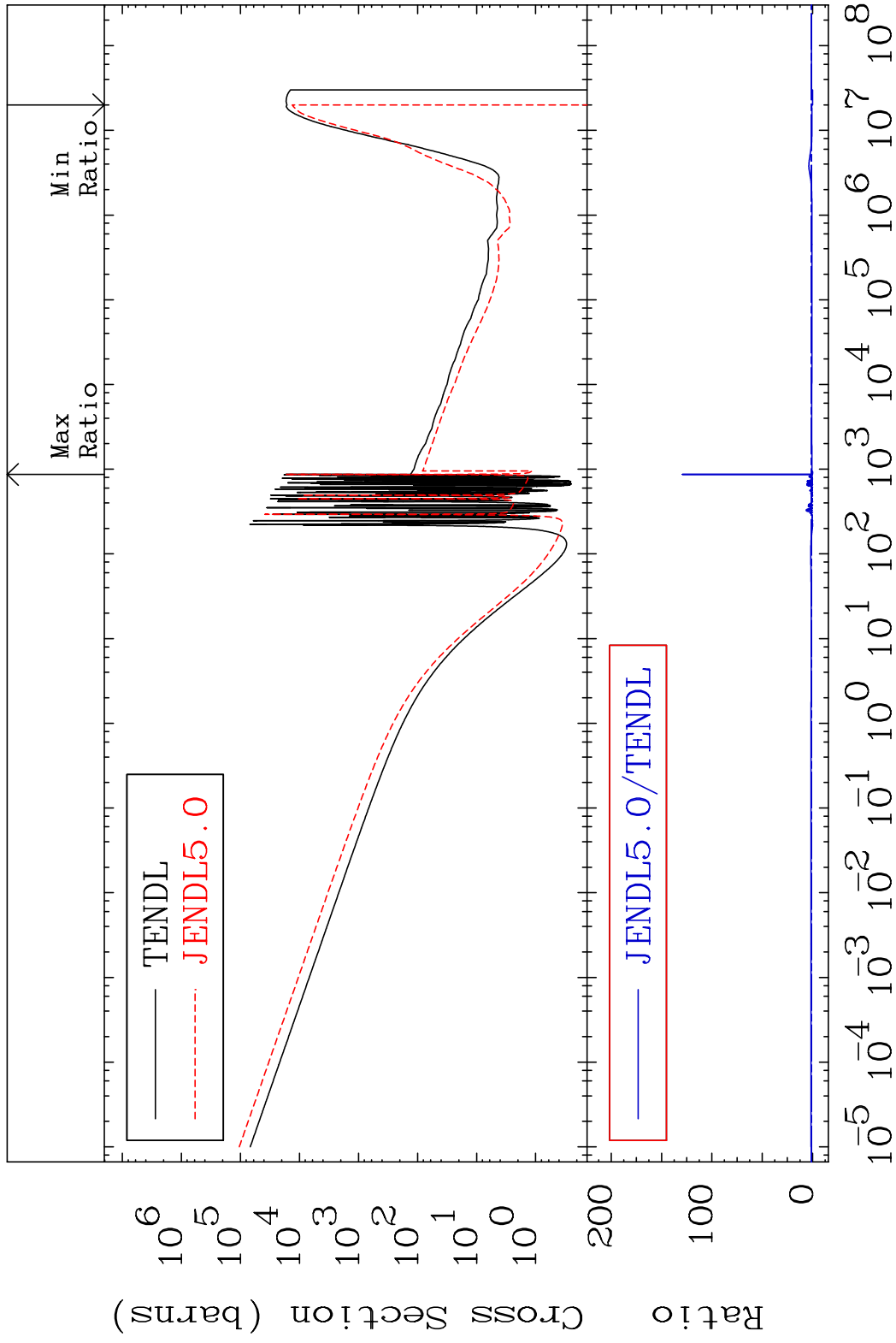
Incident Energy (eV)

50-Sn-115

MAT 5034 Dpa inelastic (mt51-91) 50-Sn-115
 Cross Section -100.0 To 9999. %

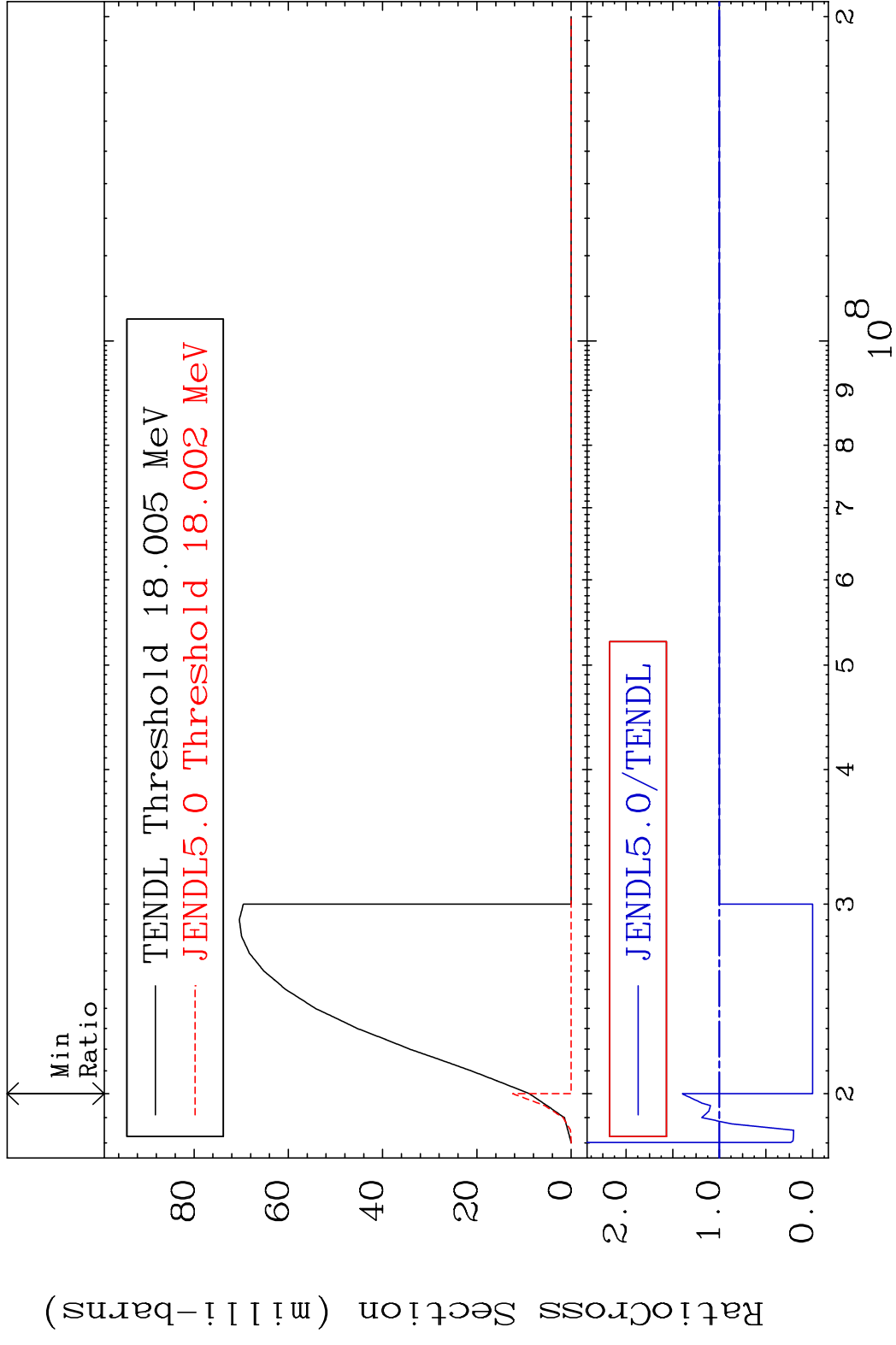


MAT 5034 Dpa disappearance (mt102 -120) 50-Sn-115
 Cross Section -100.0 To 9999. %

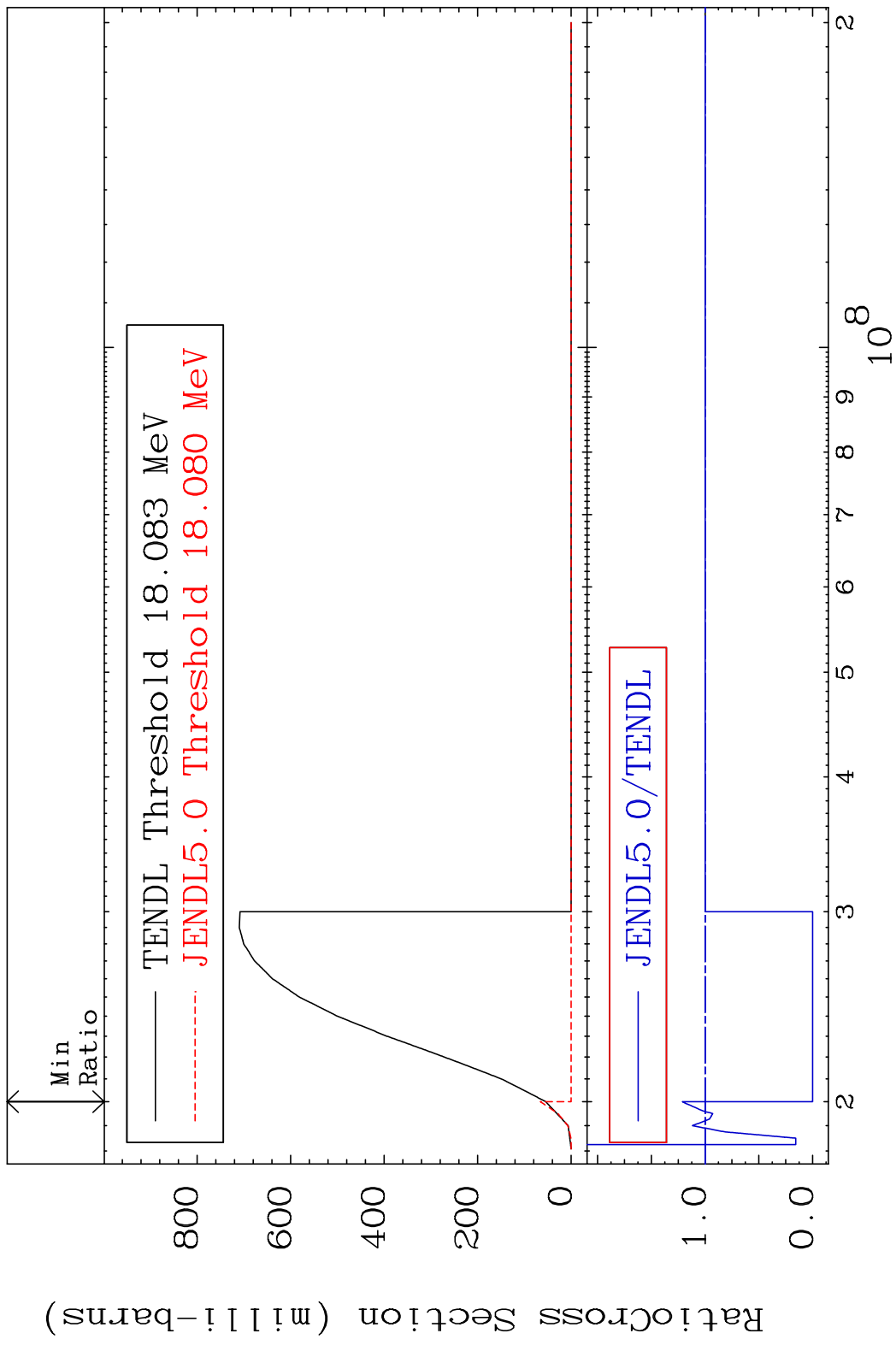


57 Incident Energy (eV) 50-Sn-115

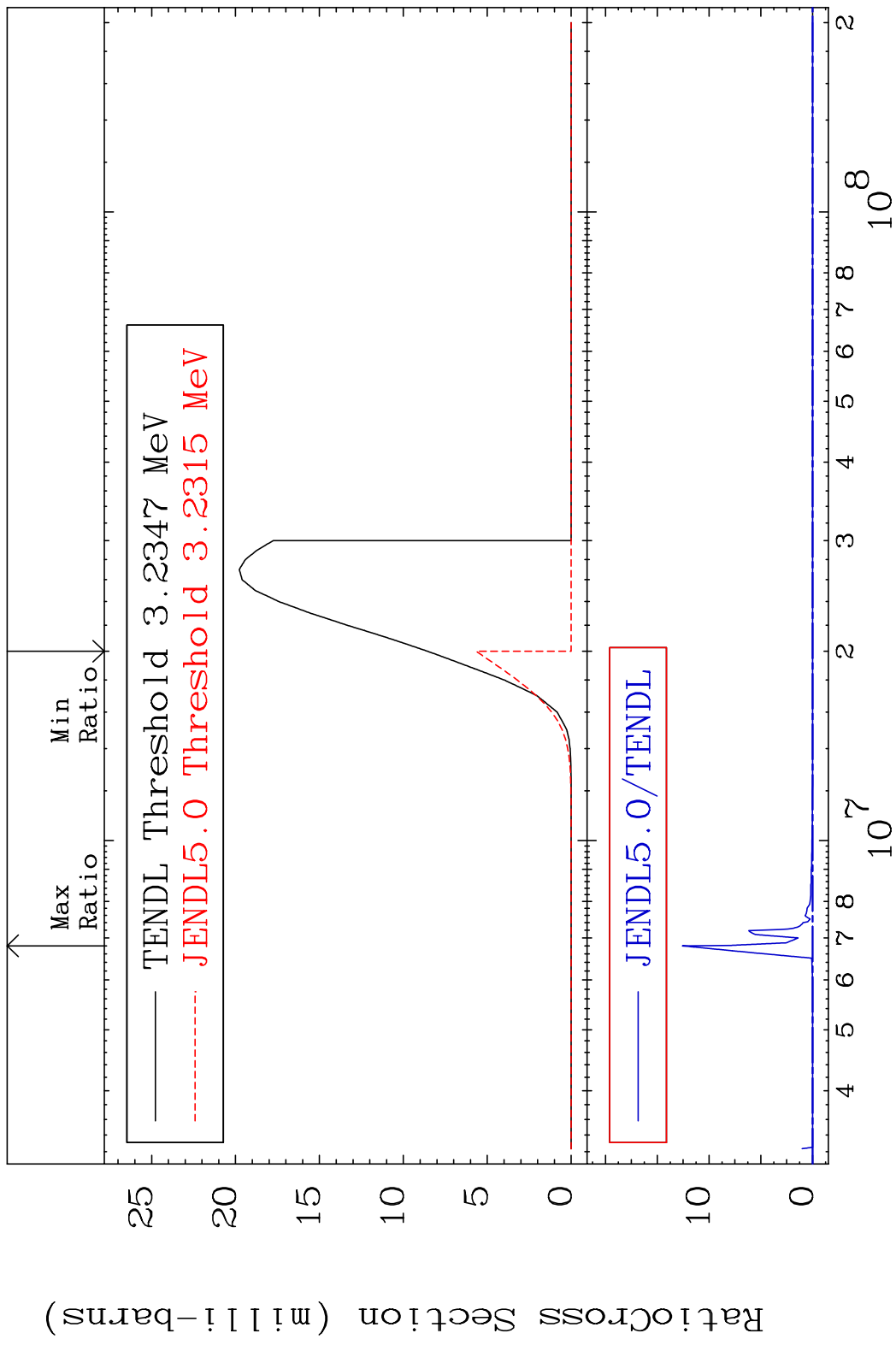
MAT 5034 (n,3n):50-Sn-113g 50-Sn-115
 Radionuclide Production Cross Section 180.01 dth 39.69 %



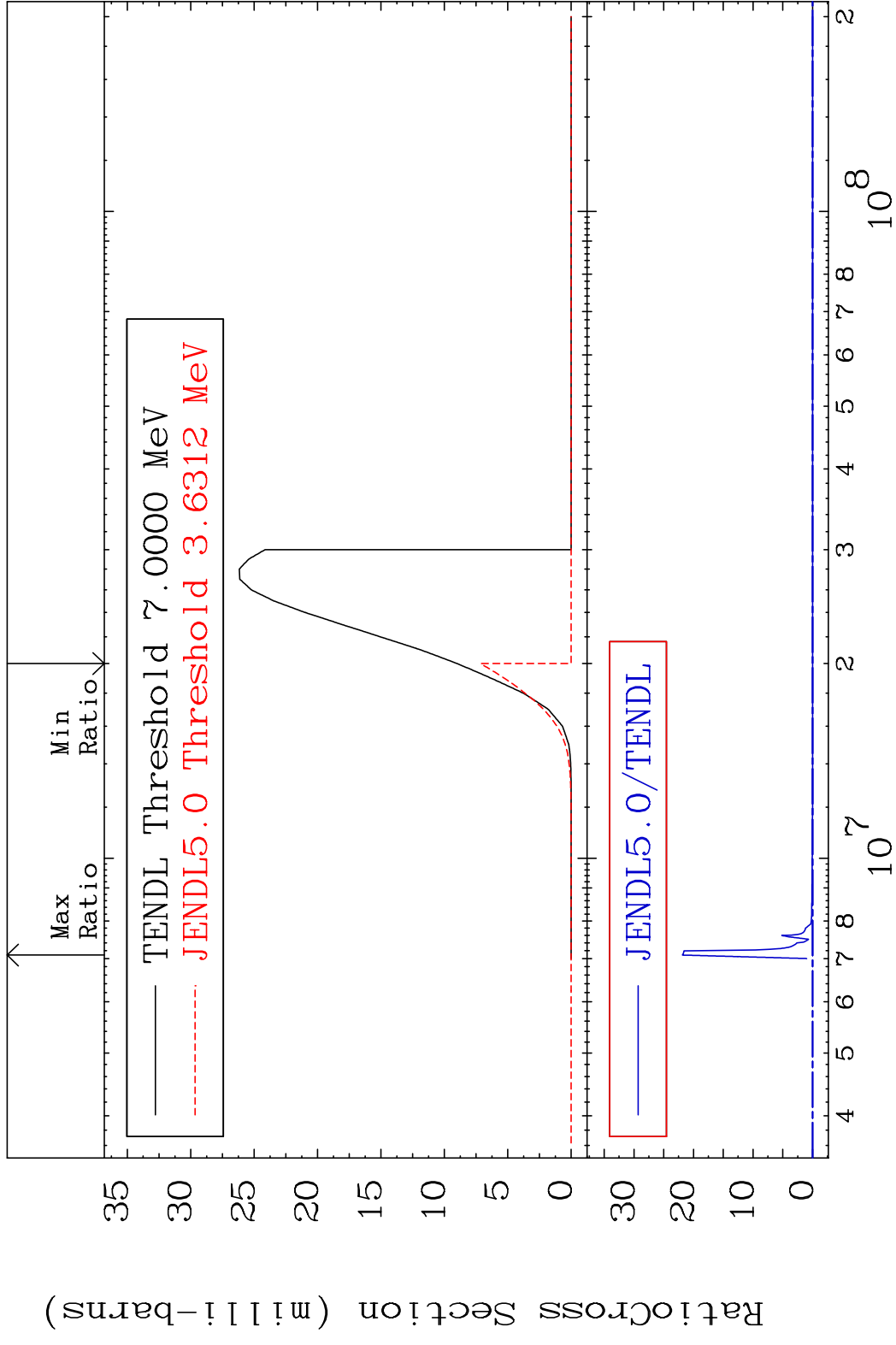
MAT 5034 (n, 3n):50-Sn-113m1 50-Sn-115
 Radionuclide Production Cross Section Ratio 21.17 %



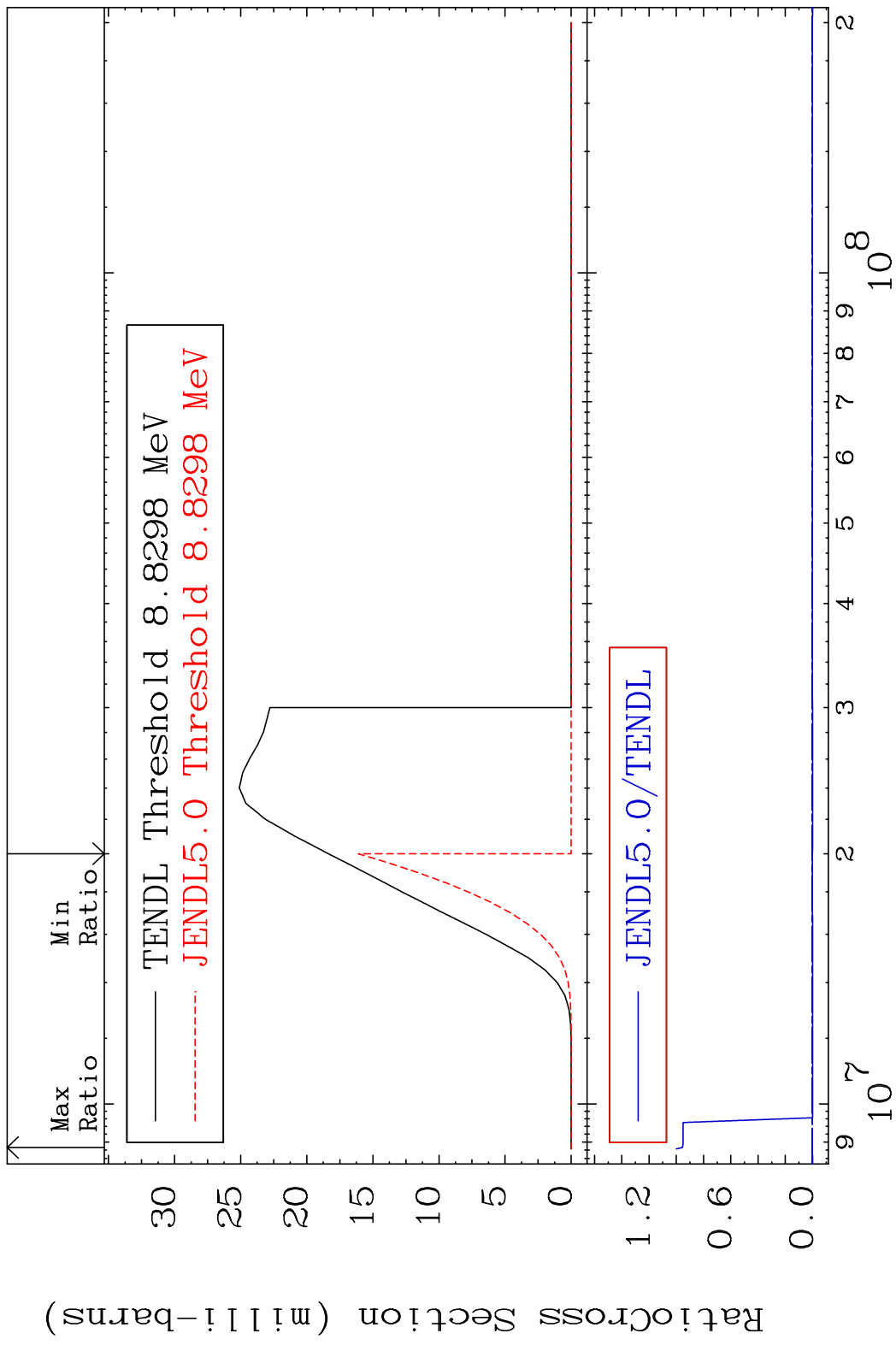
MAT 5034 (n, n') α :48-Cd-111g 50-Sn-115
 Radionuclide Production Cross Section Ratio 9999. %



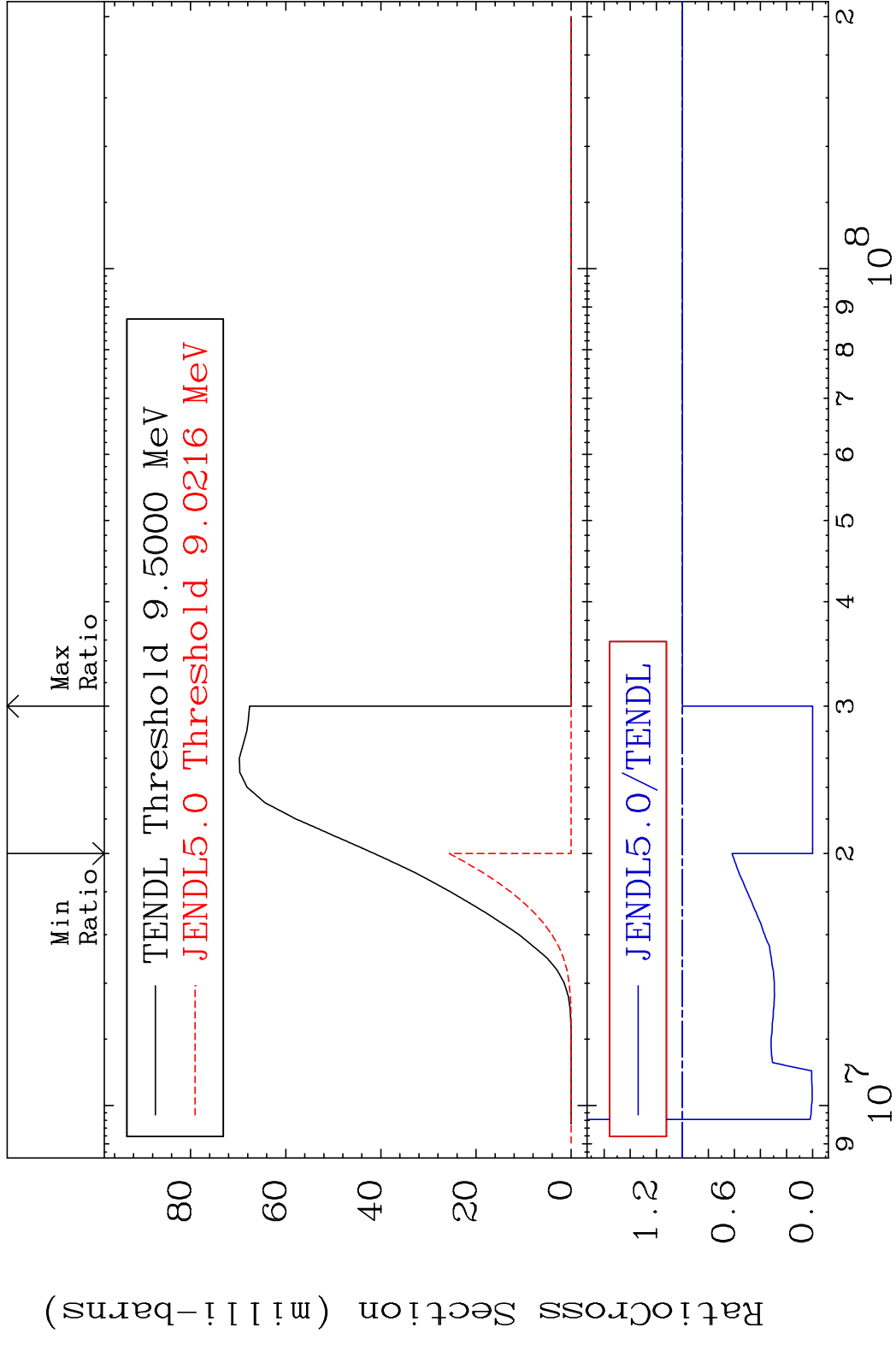
MAT 5034 (n, n') α :48-Cd-111m3 50-Sn-115
 Radionuclide Production Cross Section to 9999. %

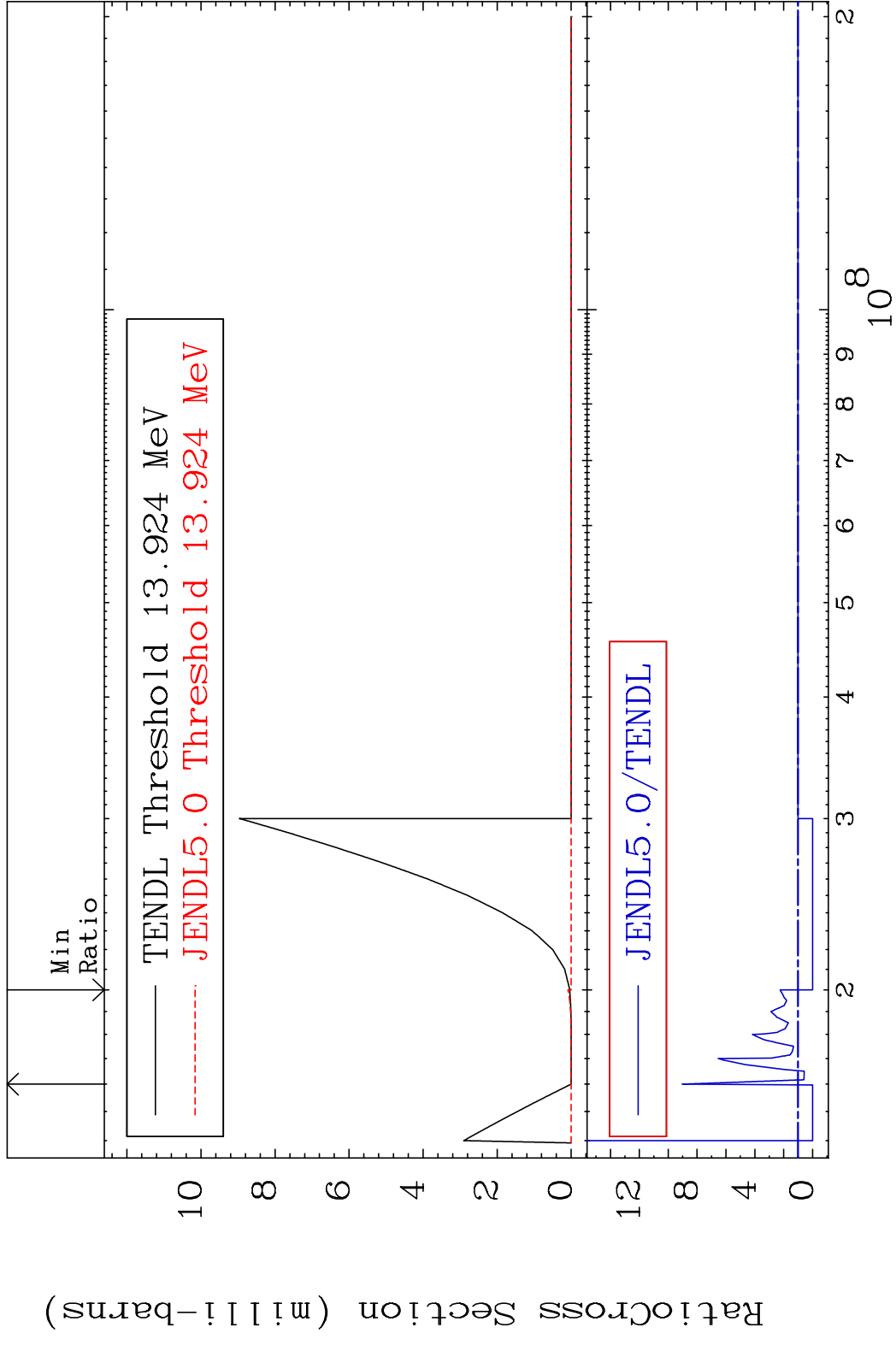


MAT 5034 (n, n') p:49-In-114g 50-Sn-115
 Radionuclide Production Cross Section 1800.0 dth 9999. %

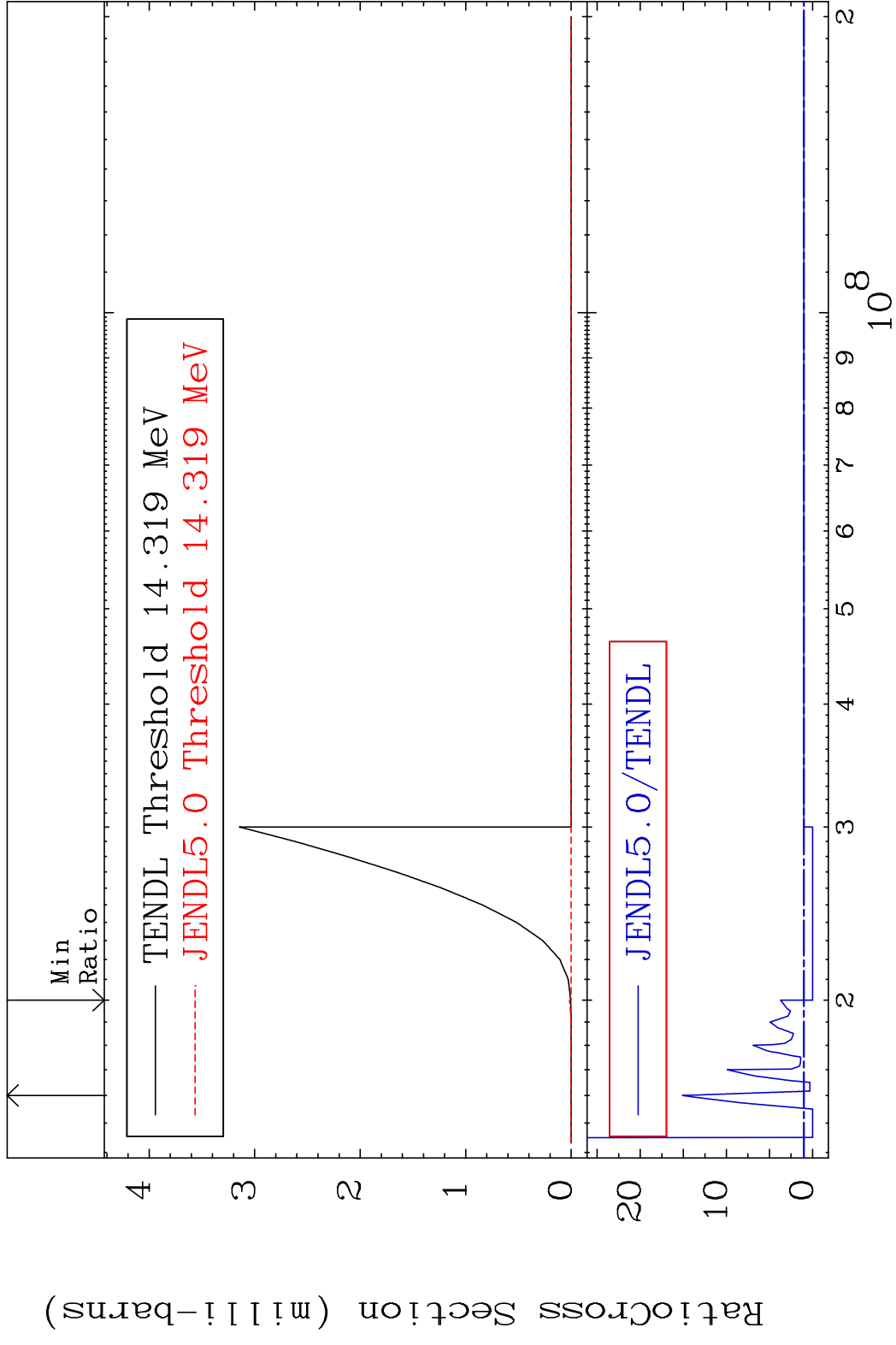


MAT 5034 (n, n') p:49-In-114m1 50-Sn-115
 Radionuclide Production Cross Section 180.0 dth 0.000 %

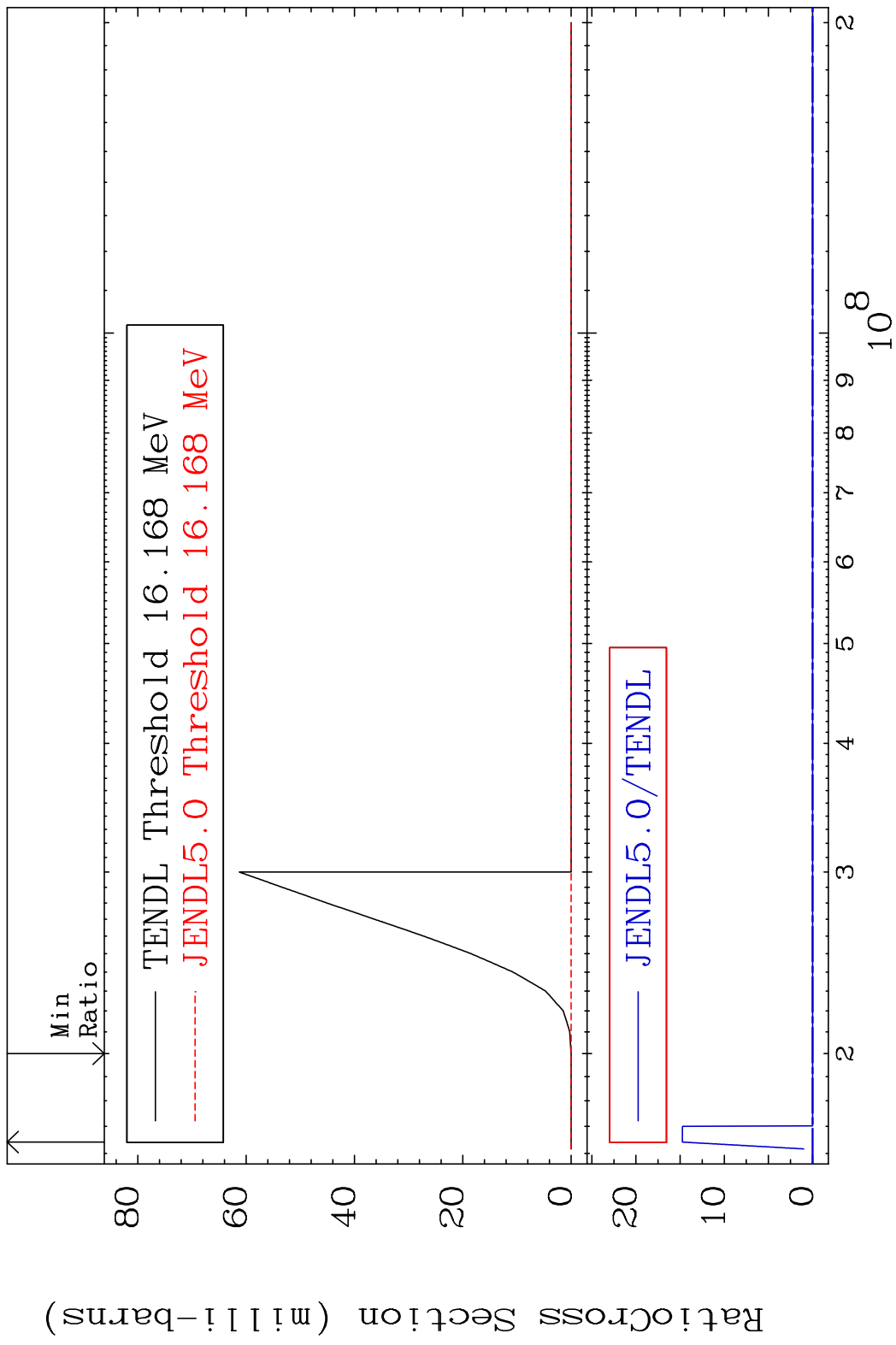


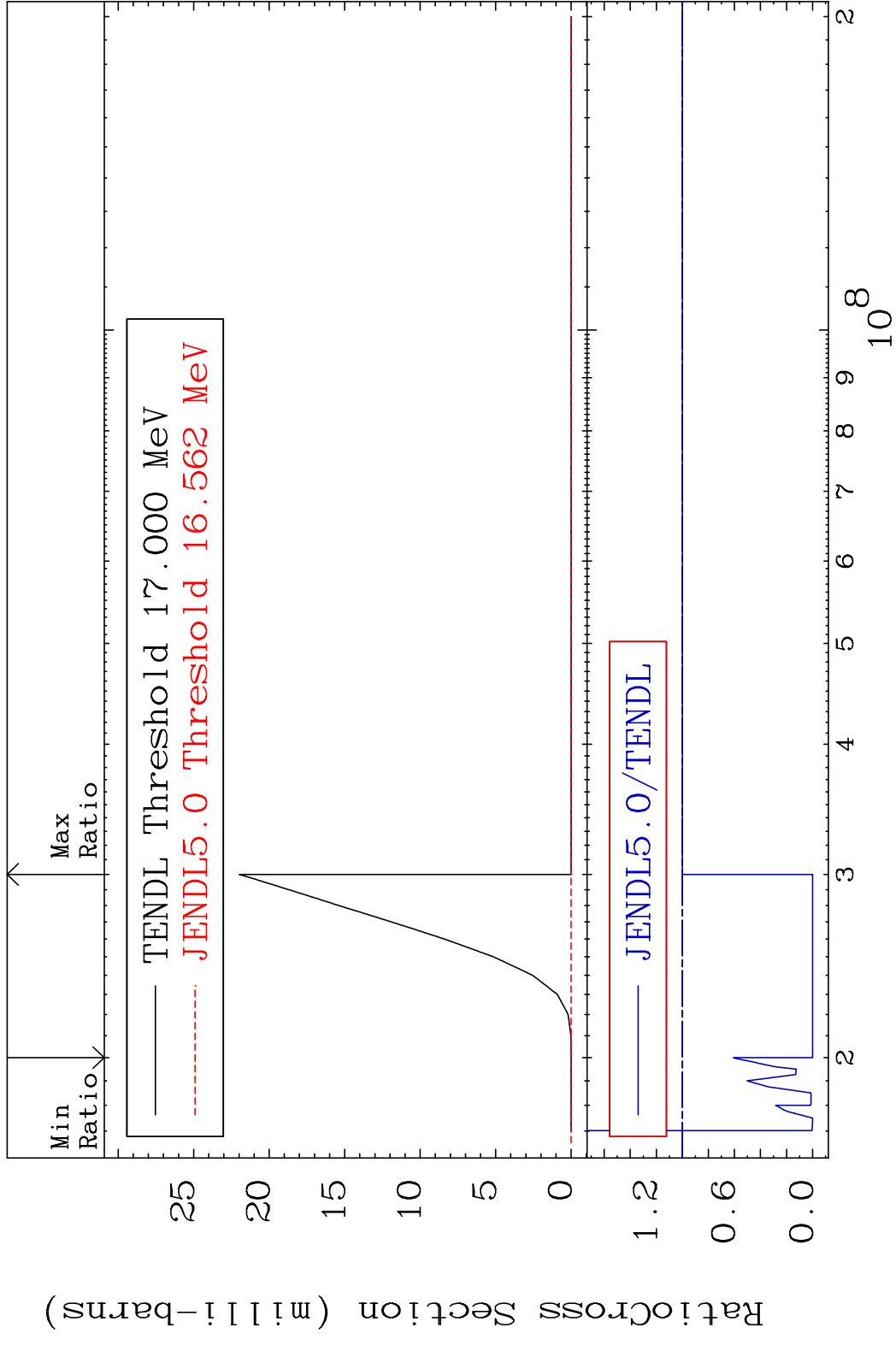


MAT 5034 (n, n') d:49-In-113m1 50-Sn-115
 Radionuclide Production Cross Section 1411. %

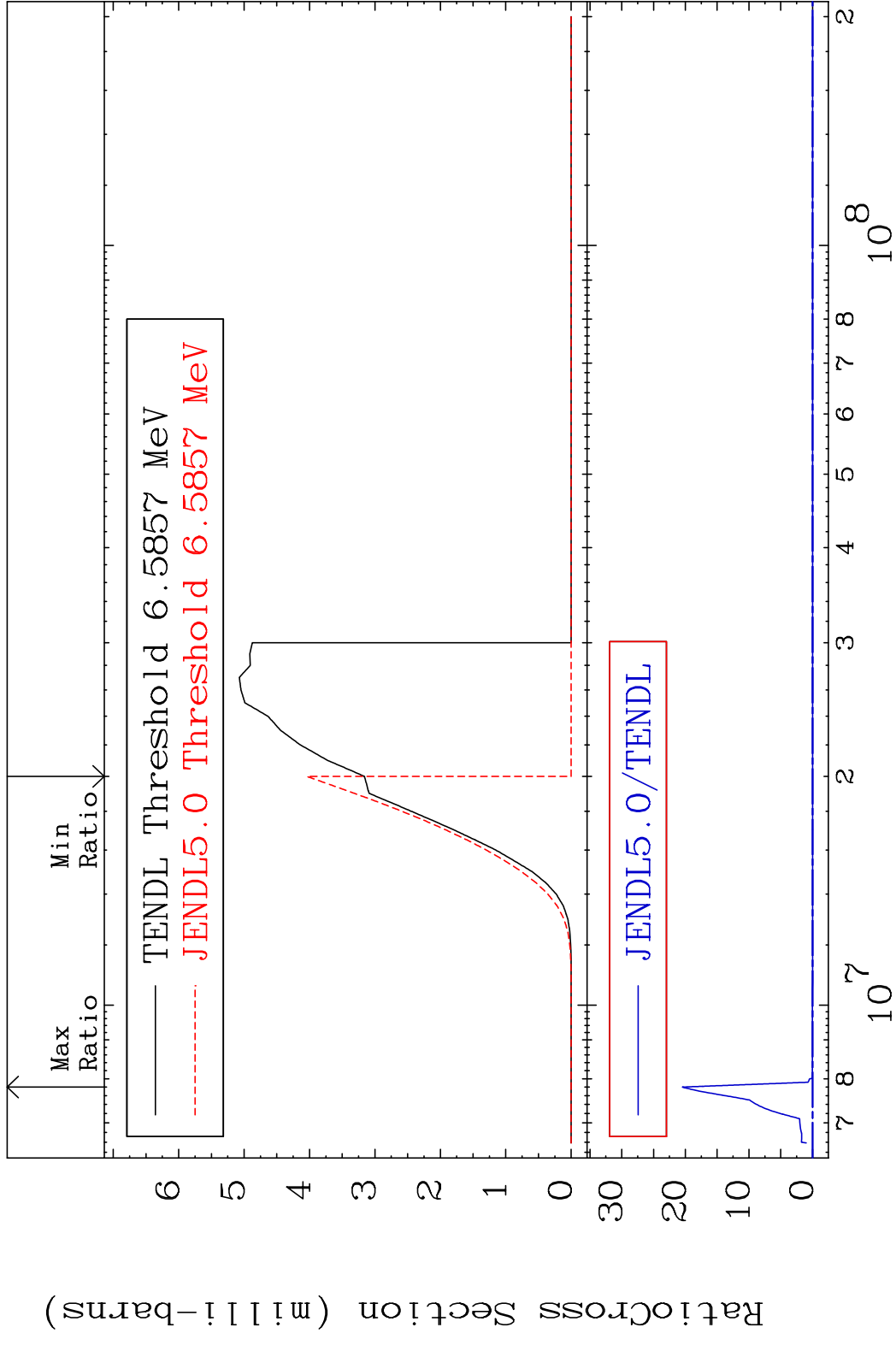


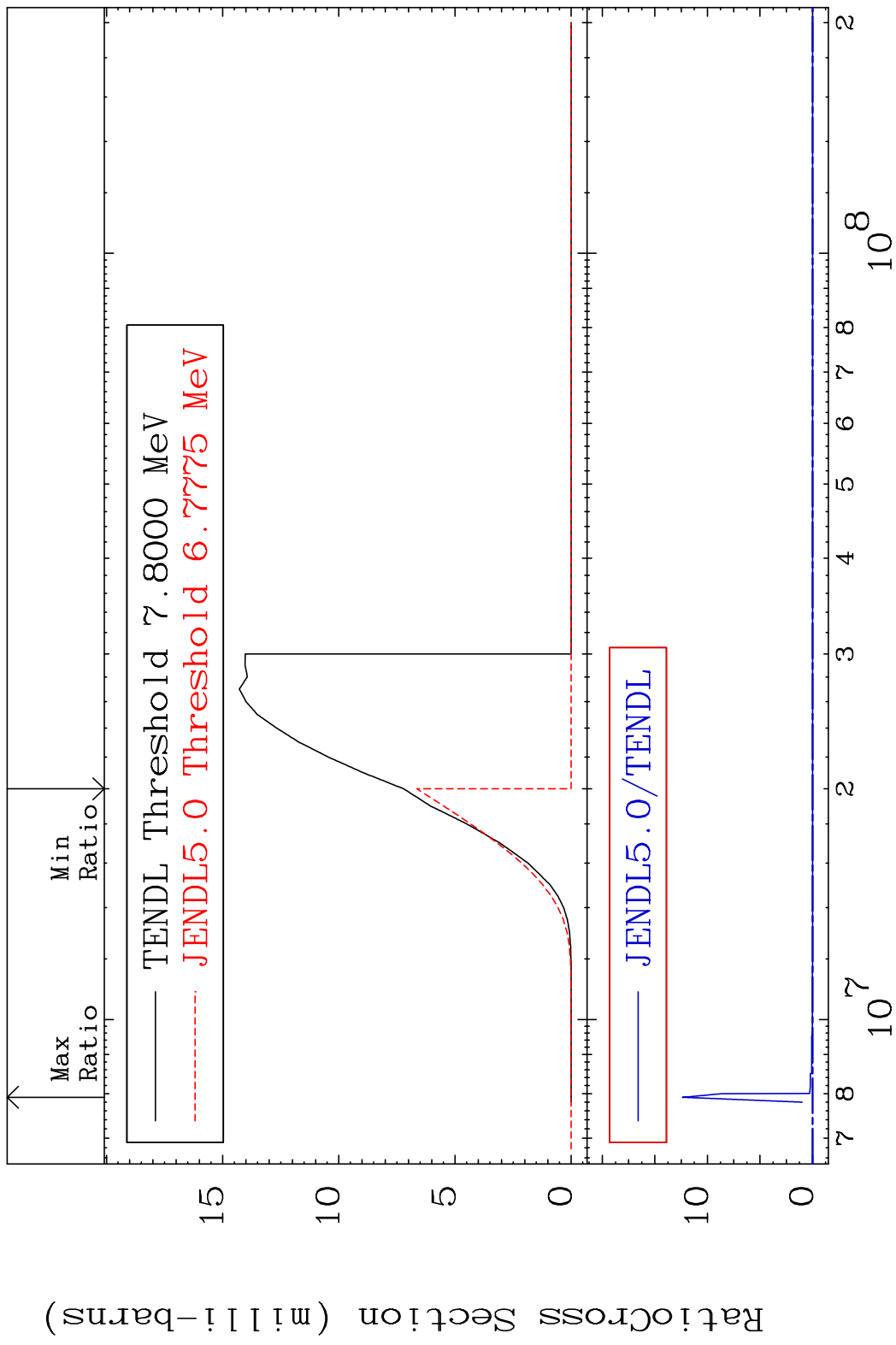
MAT 5034 (n,2n) p:49-In-113g 50-Sn-115
 Radionuclide Production Cross Section 100.00 %



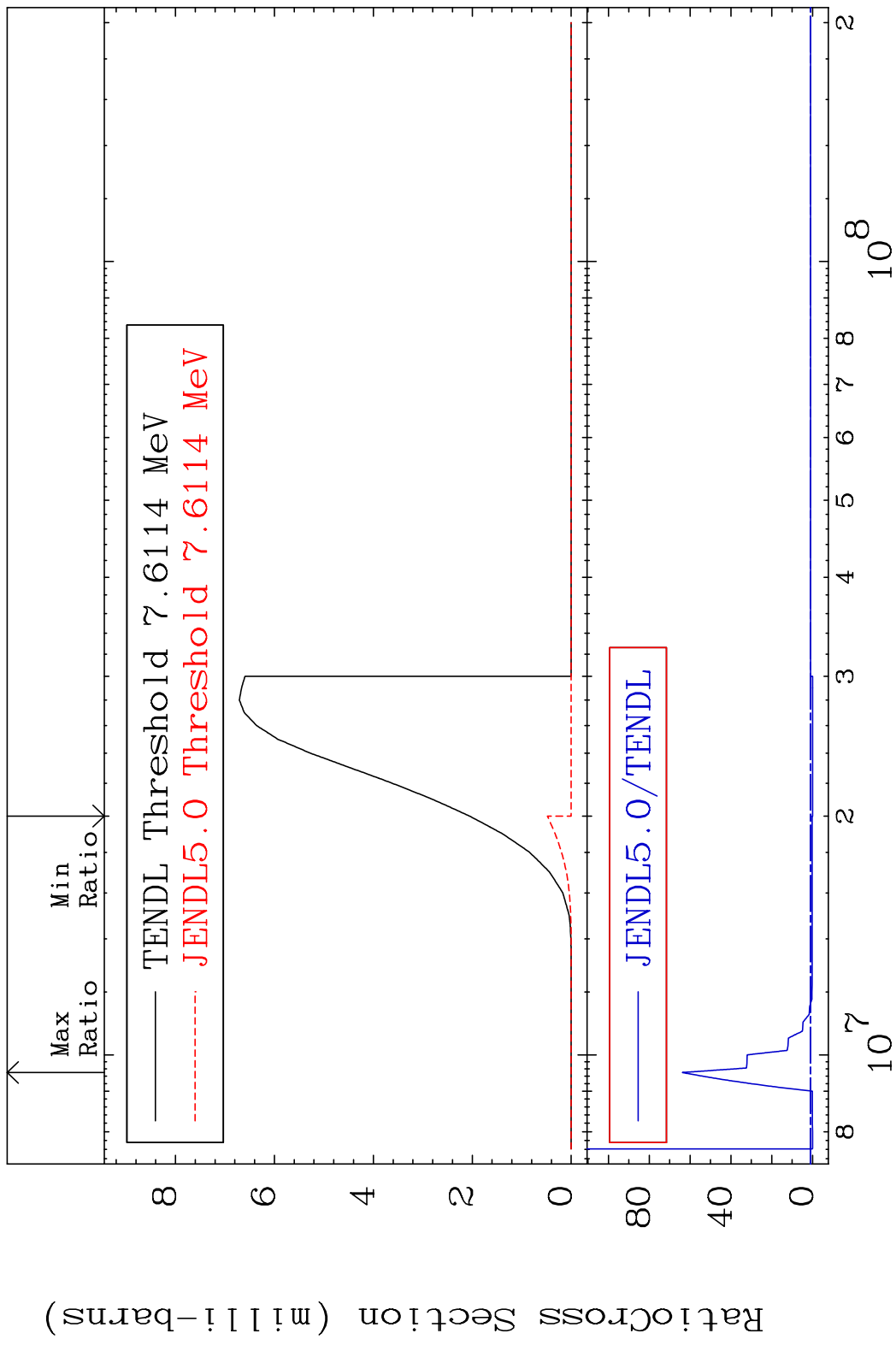


MAT 5034 (n,d):49-In-114g 50-Sn-115
 Radionuclide Production Cross Section 100% of 9999. %





MAT 5034 (n,t):49-In-113g 50-Sn-115
 Radionuclide Production Cross Section 6278. %



70 Incident Energy (eV) 50-Sn-115

MAT 5034 (n, t): 49-In-113m1 50-Sn-115
 Radionuclide Production Cross Section Ratio 31.27 %

