

Program Complot
(Version 2021-1)

by

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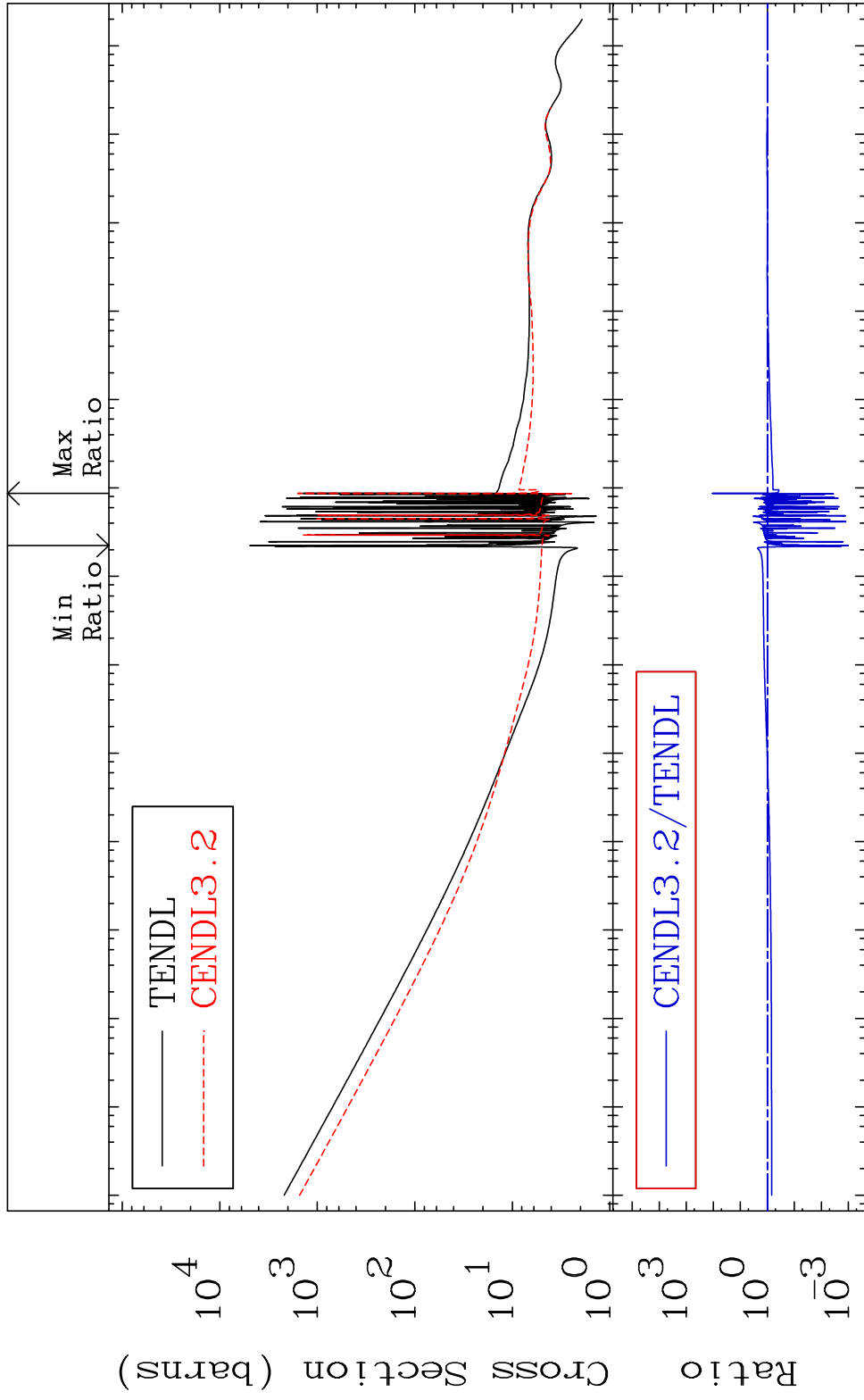
Press Mouse Button to Start

MAT 5034

Total

50-Sn-115

Cross Section -99.90 To 9999. %



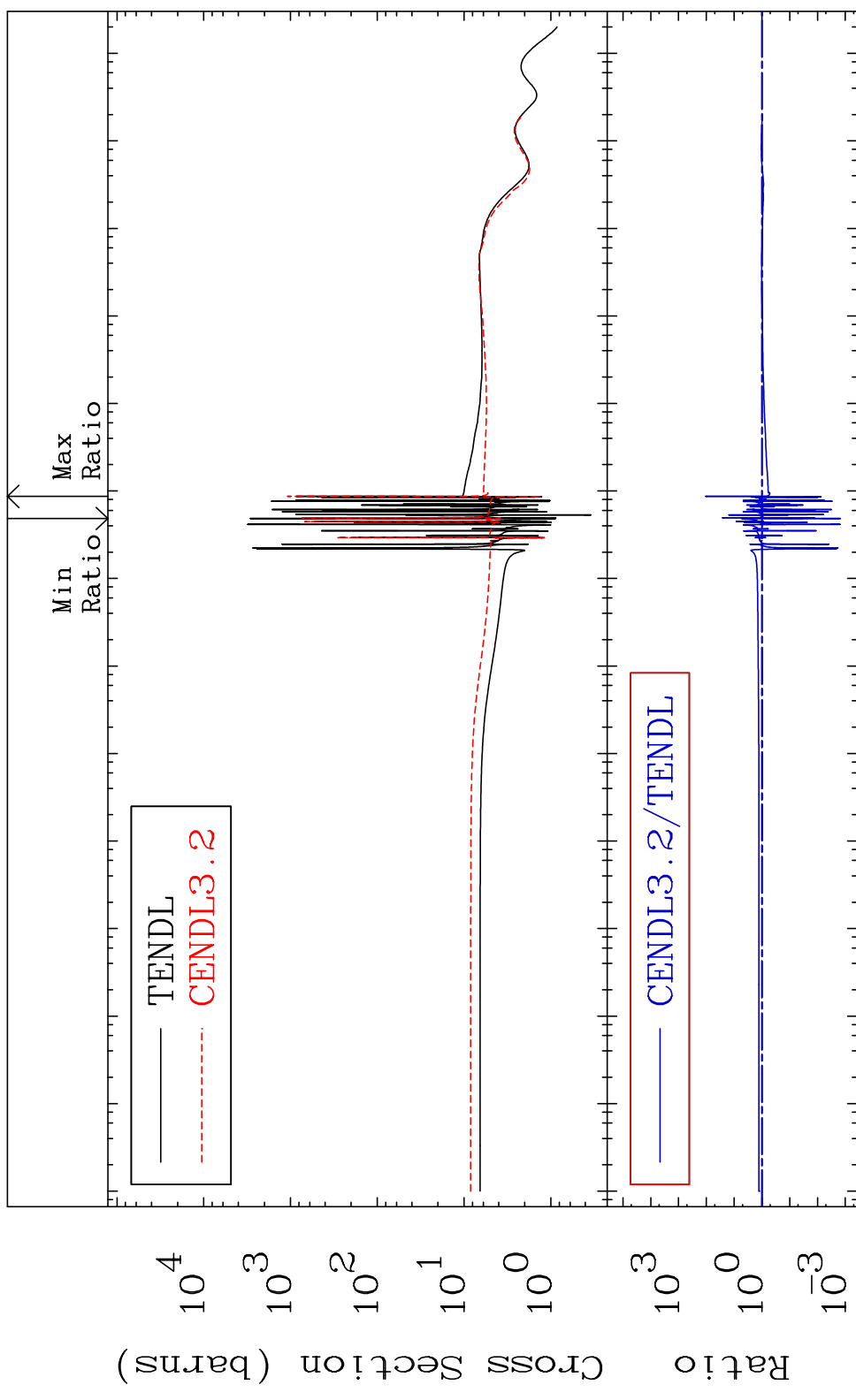
1

Incident Energy (eV)

50-Sn-115

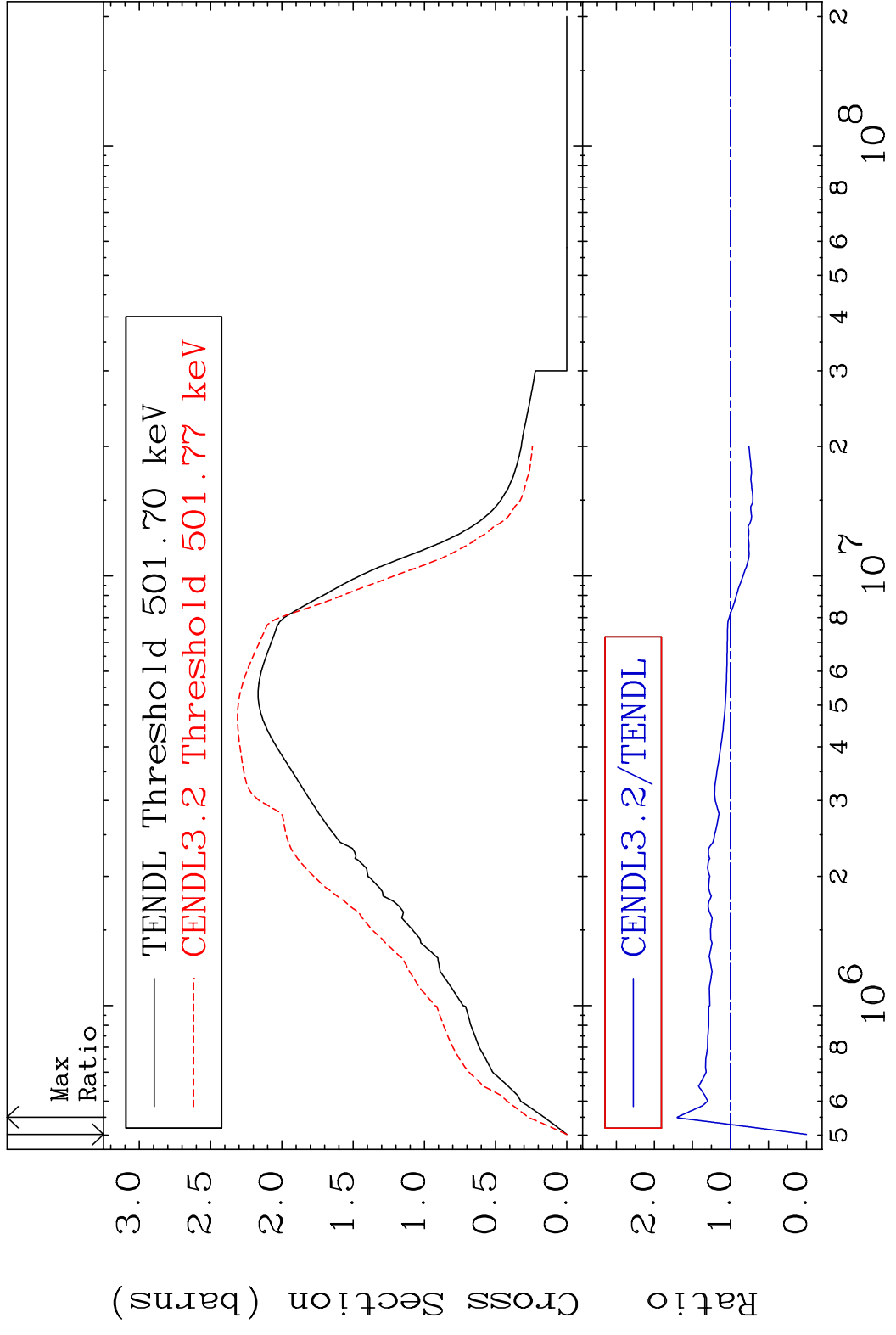
MAT 5034

Elastic Cross Section -99.85 To 9999. %
50-Sn-115



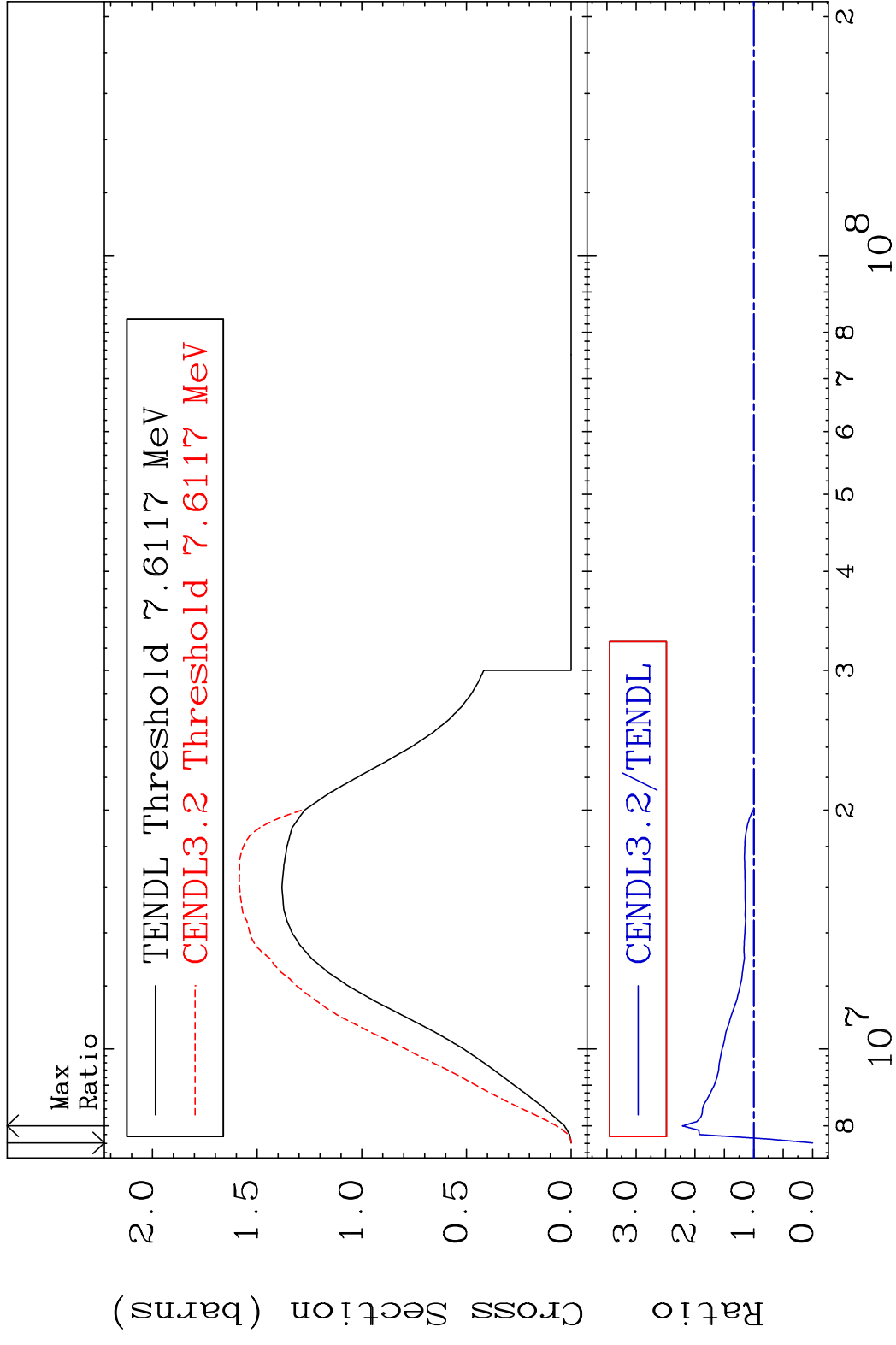
2 Incident Energy (eV) 50-Sn-115

MAT 5034 Inelastic 50-Sn-115
 Cross Section -100.0 To 69.97 %



3 Incident Energy (eV) 50-Sn-115

MAT 5034 (n,2n) 50-Sn-115
 Cross Section -100.0 To 121.5 %



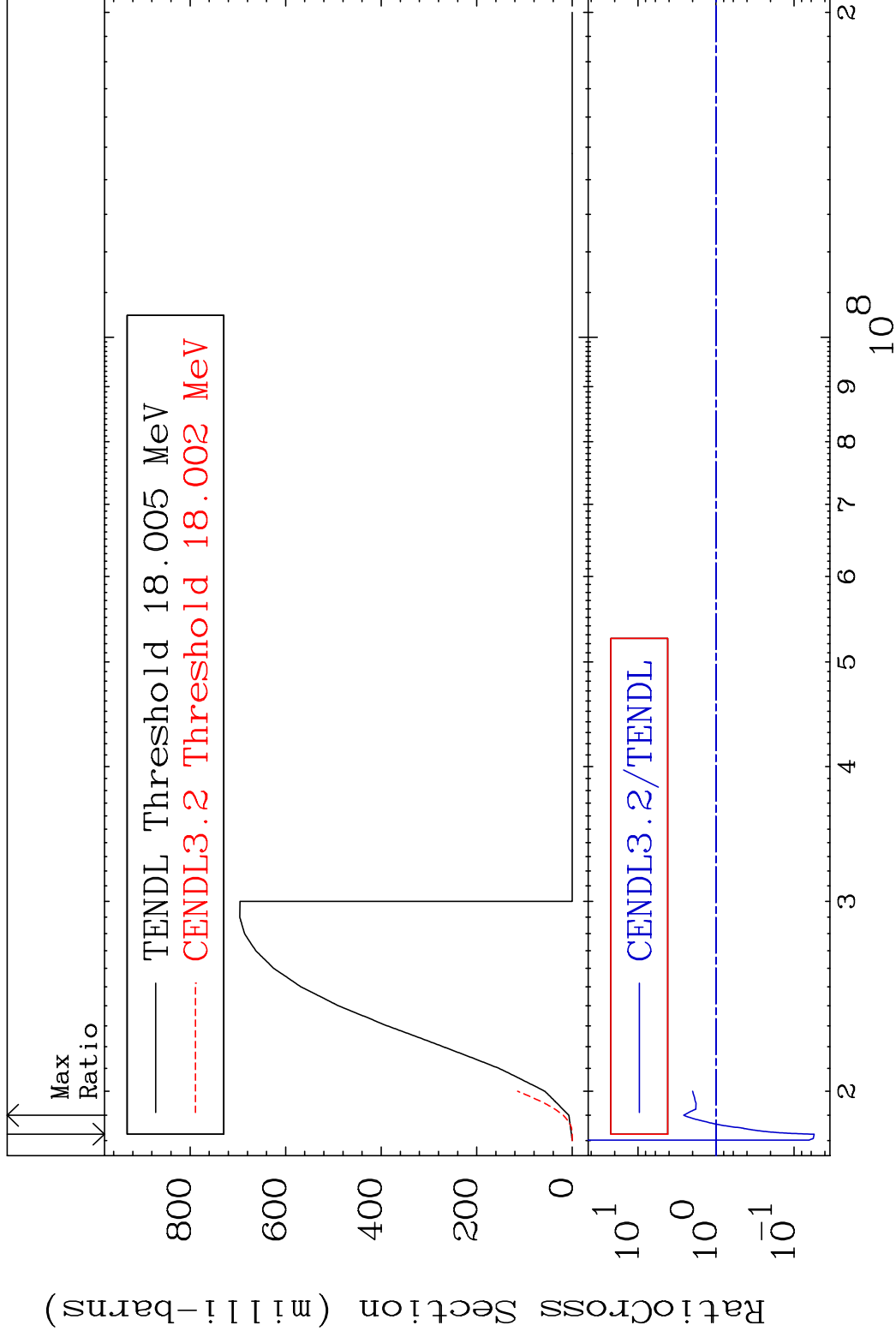
4 Incident Energy (eV) 50-Sn-115

MAT 5034

(n,3n)

50-Sn-115

Cross Section -94.48 To 160.1 %

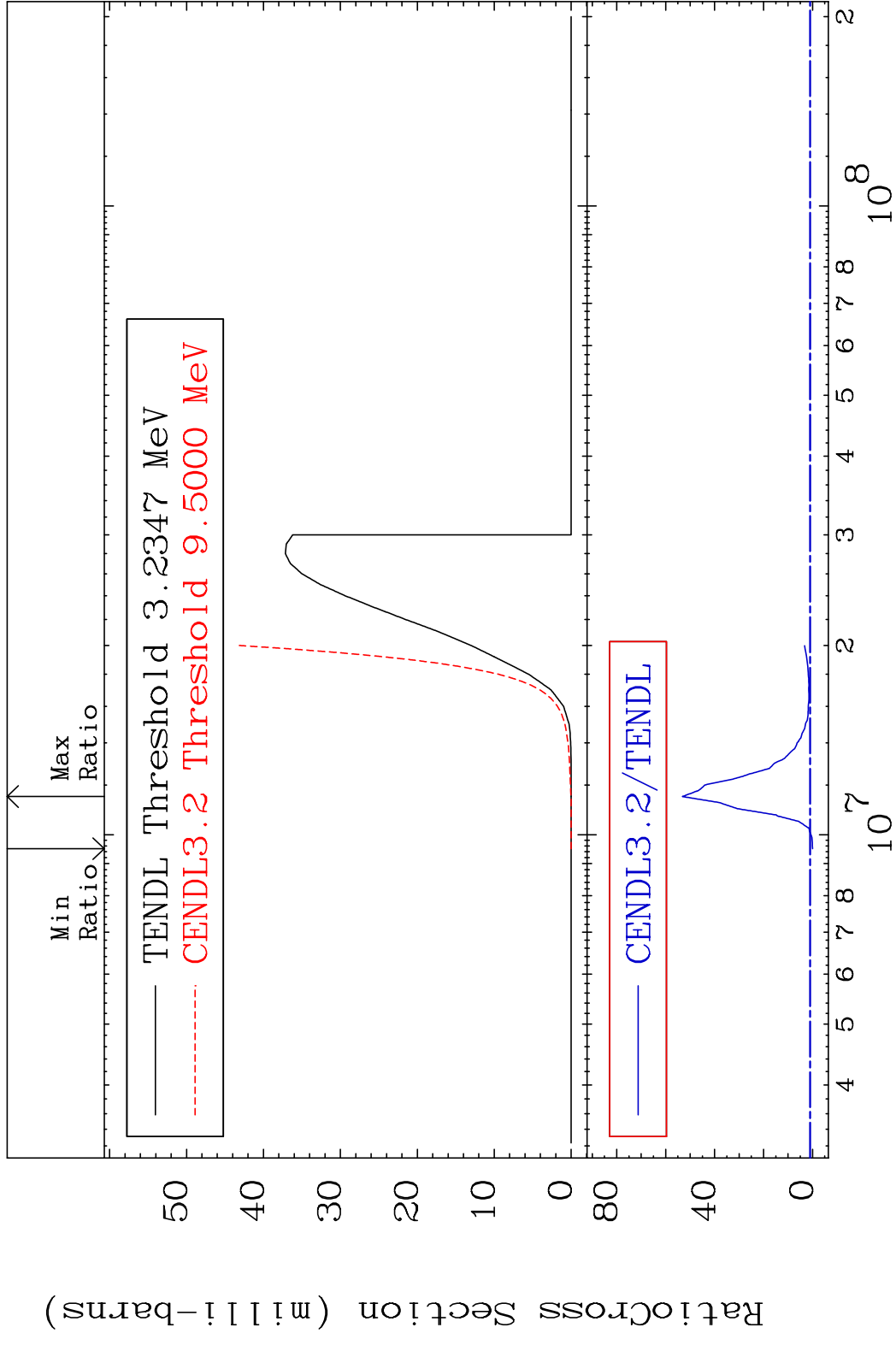


5

Incident Energy (eV)

50-Sn-115

MAT 5034 (n, n') α 50-Sn-115
 Cross Section -100.0 To 5219. %

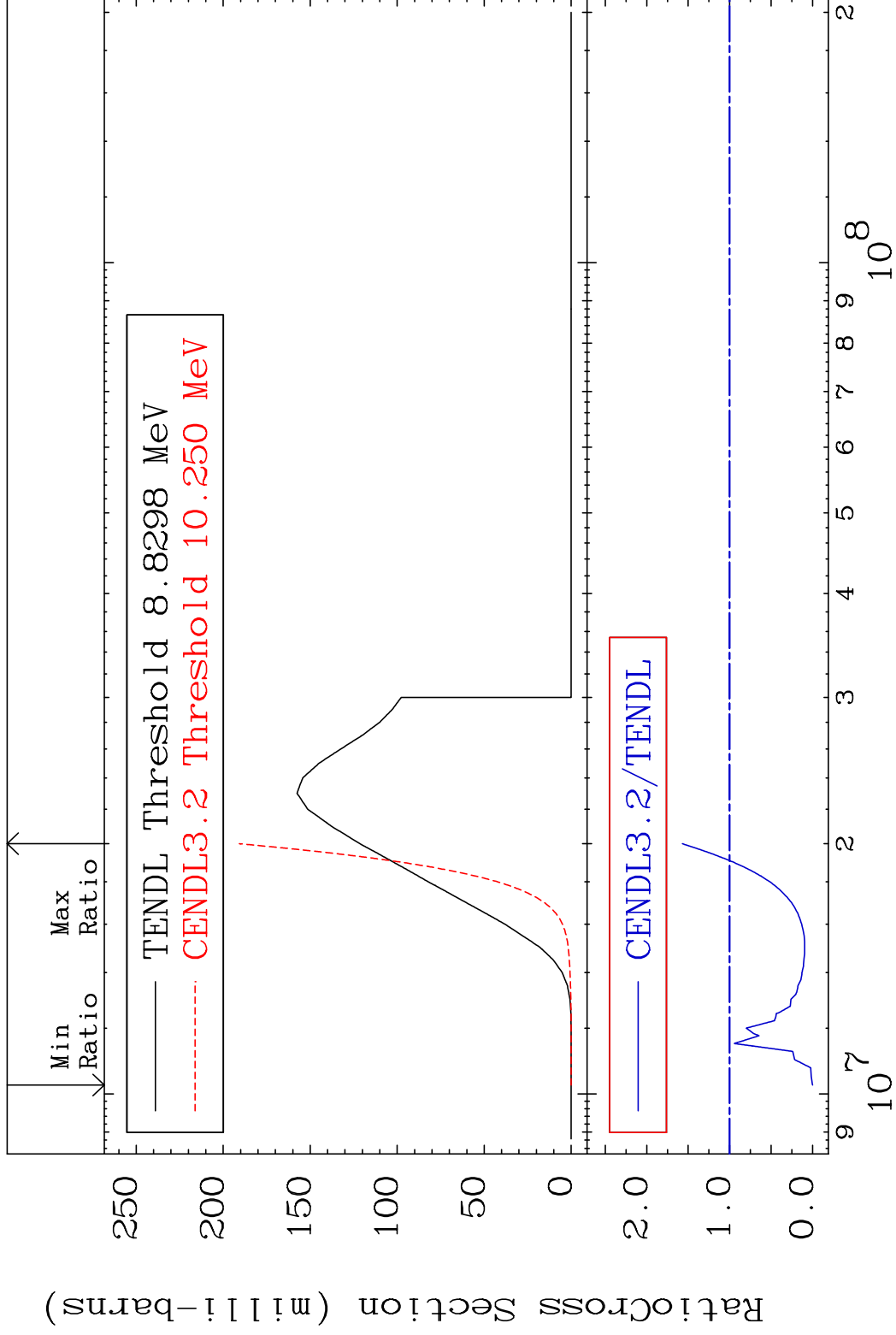


MAT 5034

(n, n') p

50-Sn-115

Cross Section -100.0 To 57.03 %

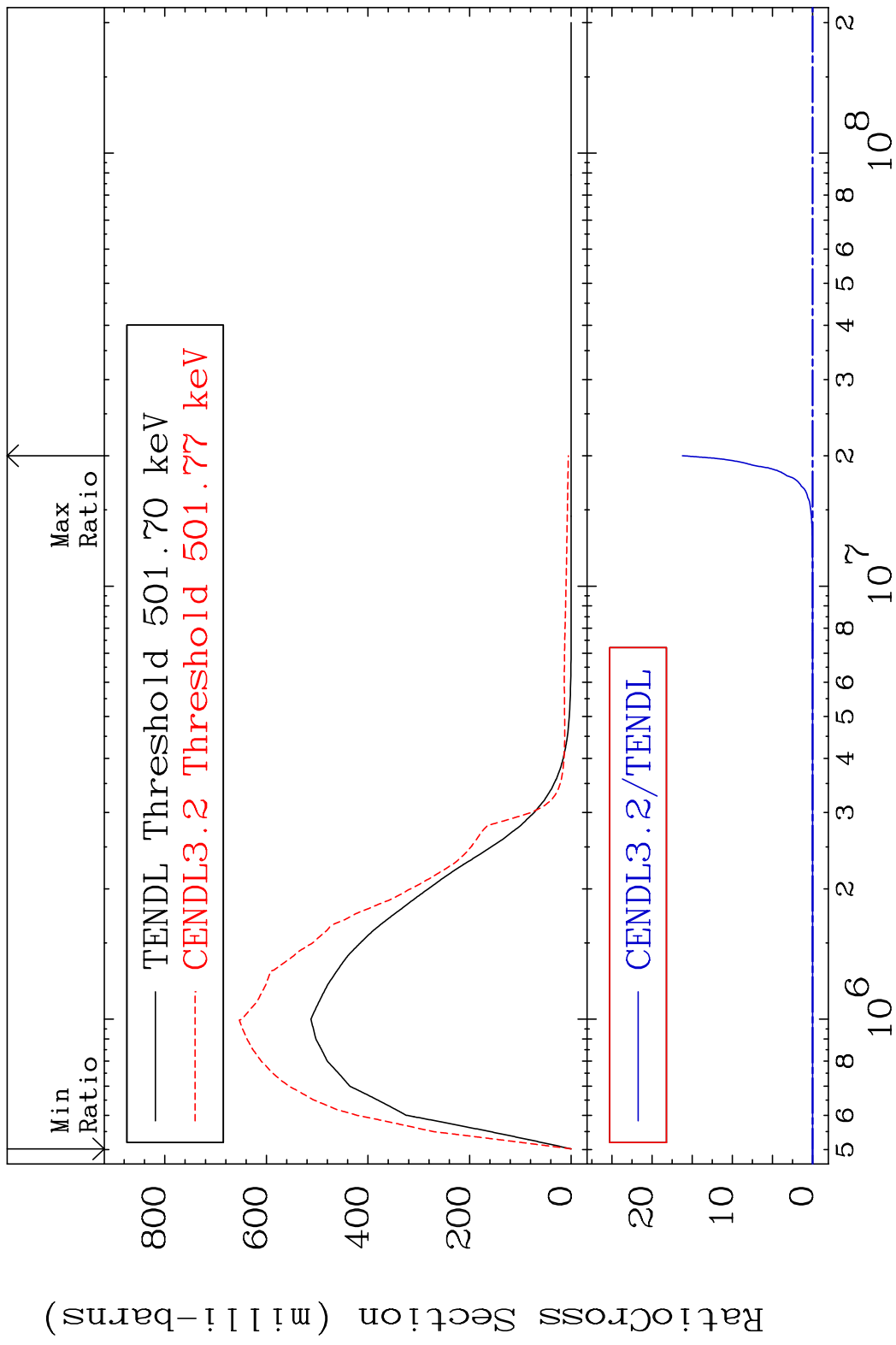


7

Incident Energy (eV)

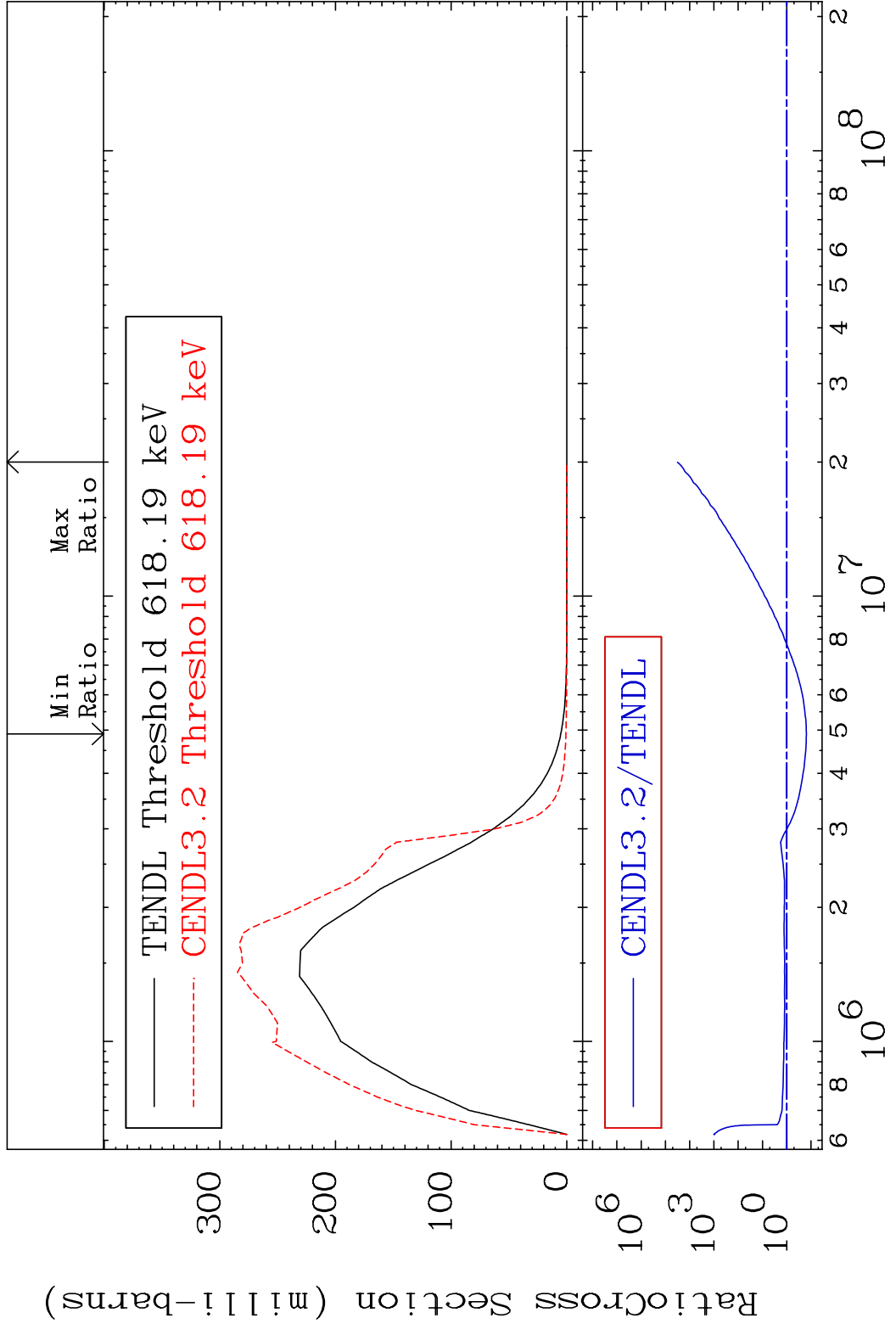
50-Sn-115

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

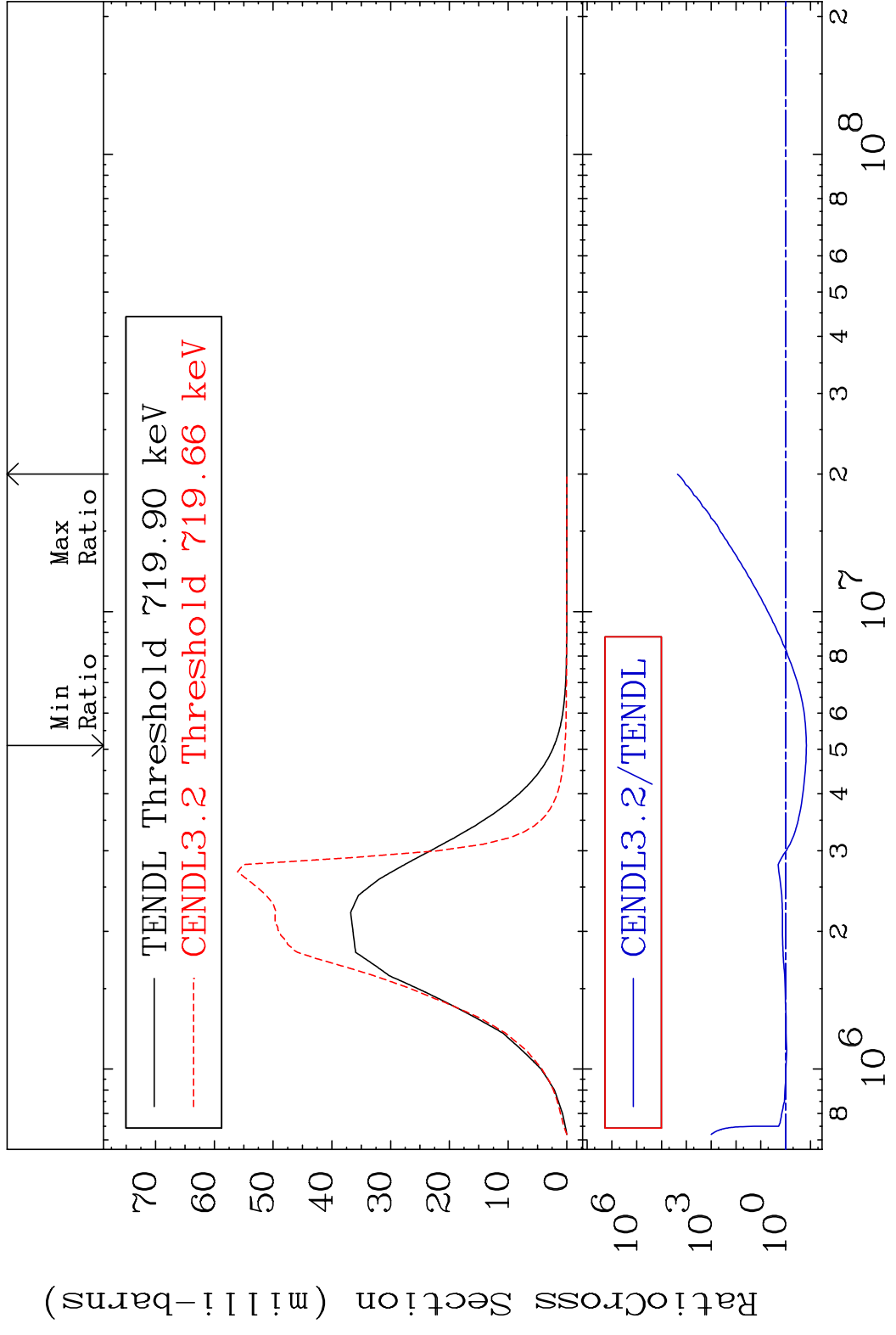


8 Incident Energy (eV) 50-Sn-115

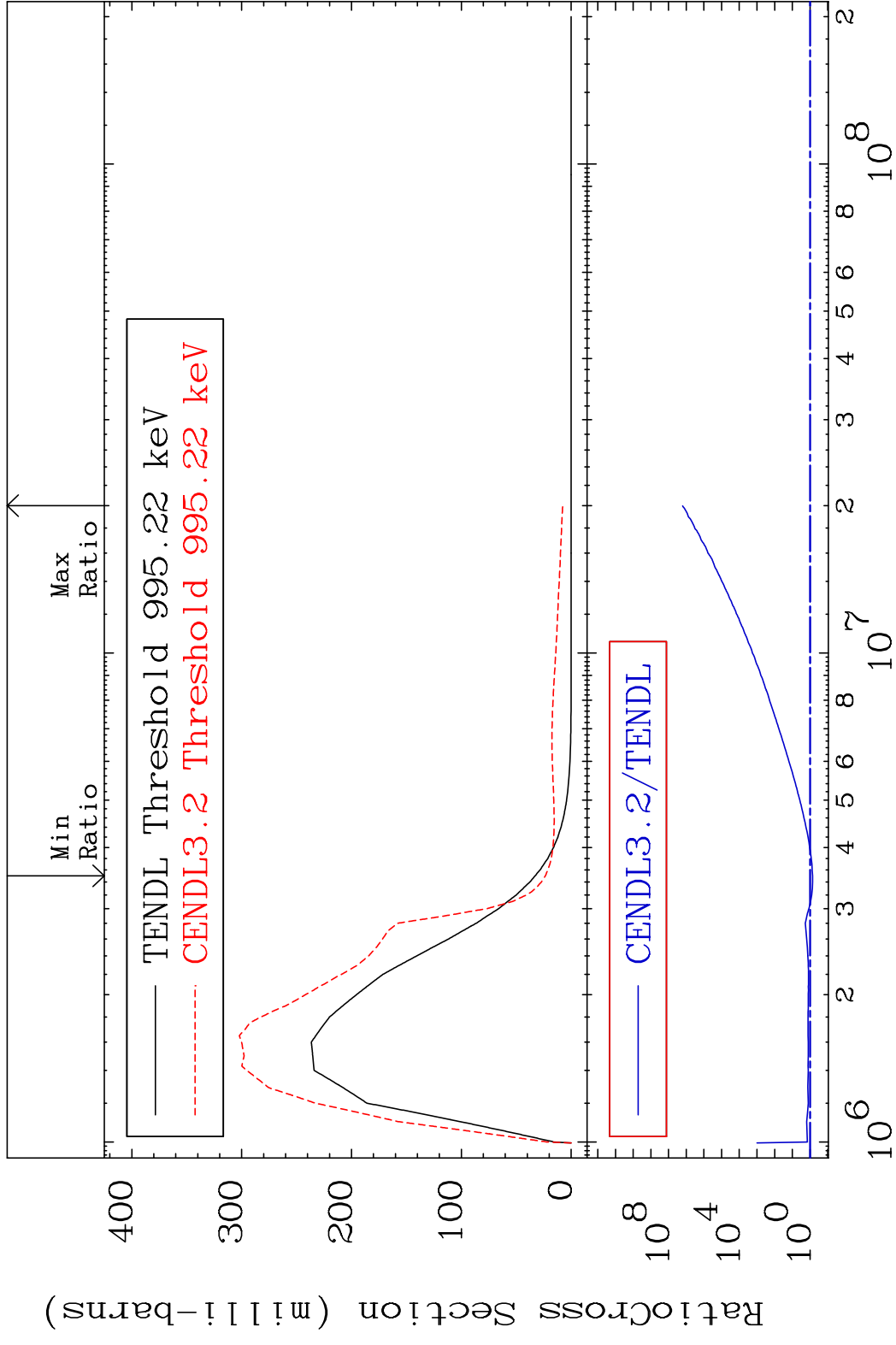
MAT 5034 MT= 52 (n, n') Level 50-Sn-115
 Cross Section -84.54 To 9999. %



MAT 5034 MT= 53 (n, n') Level 50-Sn-115
 Cross Section -85.41 To 9999. %

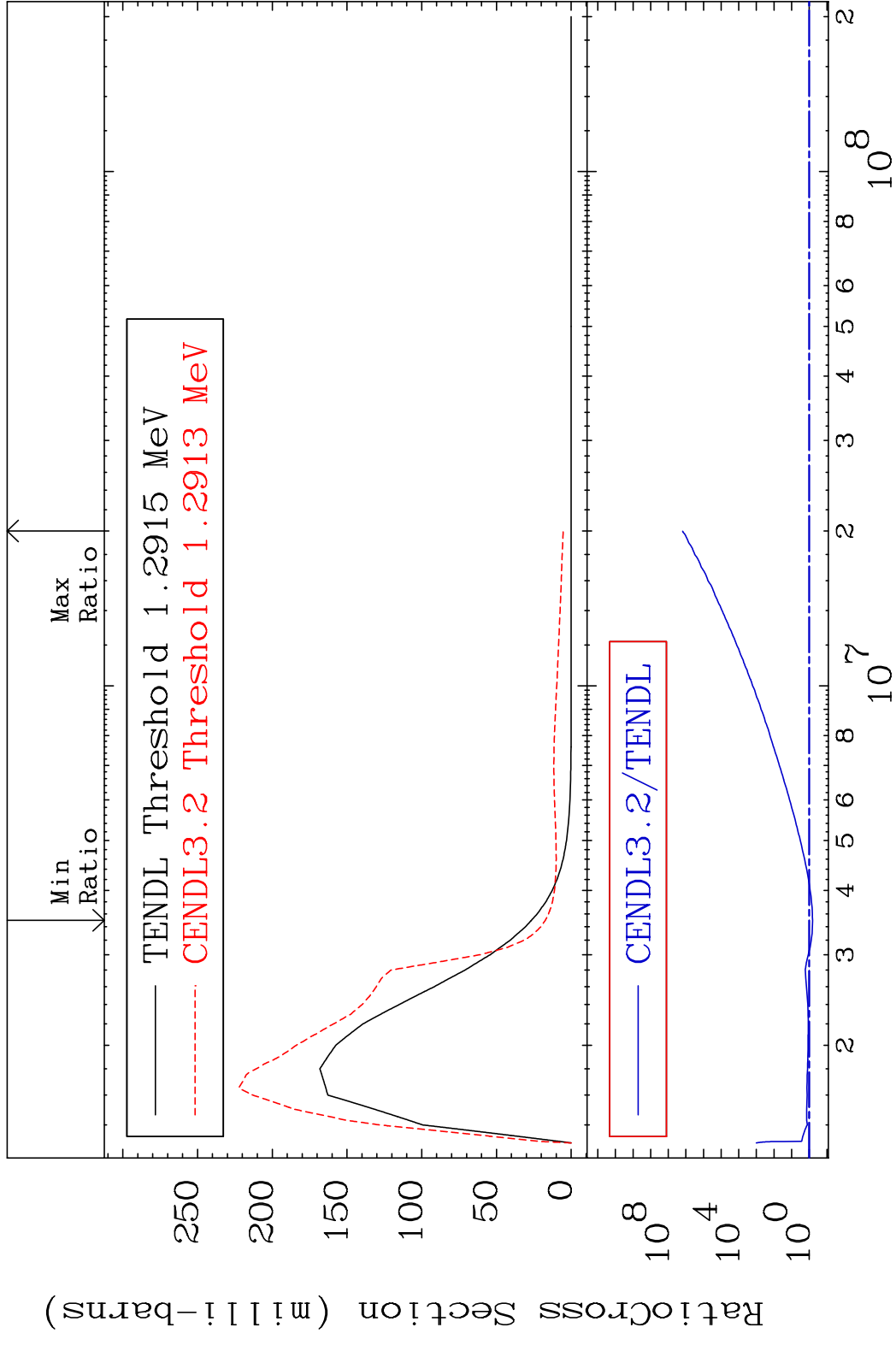


MAT 5034 MT= 54 (n, n') Level 50-Sn-115
 Cross Section -28.38 To 9999. %

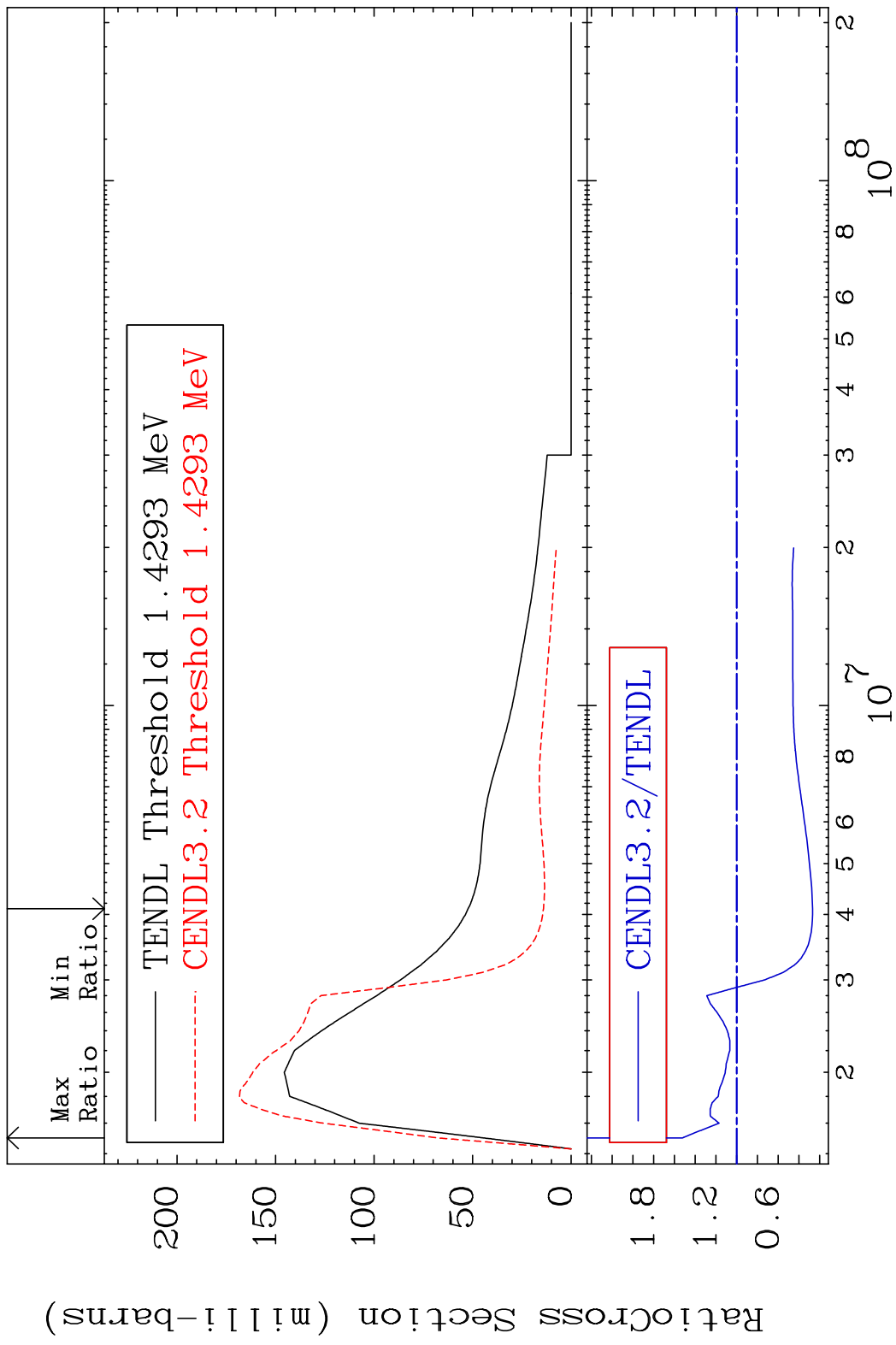


11 Incident Energy (eV) 50-Sn-115

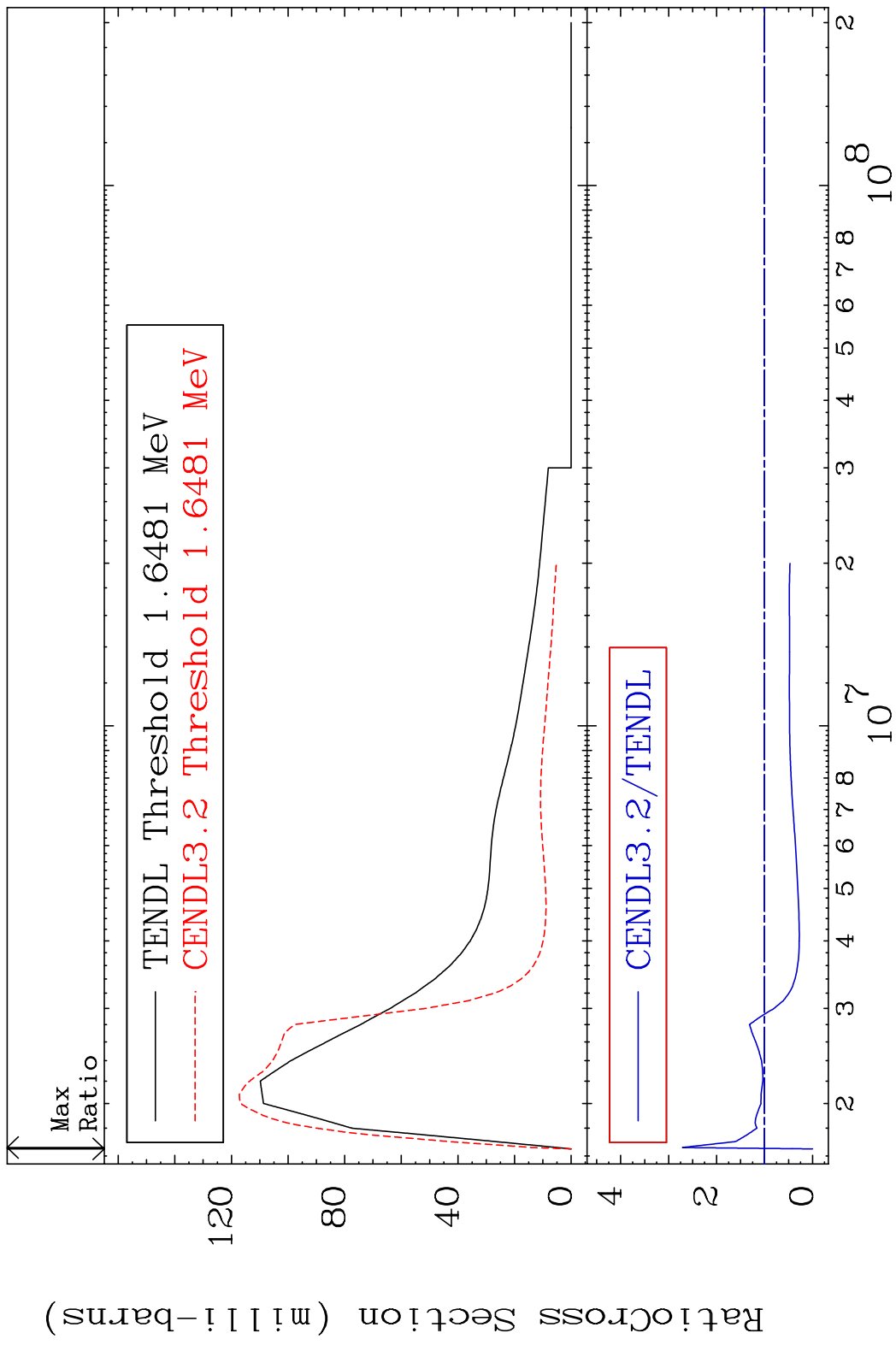
MAT 5034 MT= 55 (n, n') Level 50-Sn-115
 Cross Section -35.06 To 9999. %



MAT 5034 MT= 56 (n,n') Level 50-Sn-115
 Cross Section -73.05 To 52.36 %

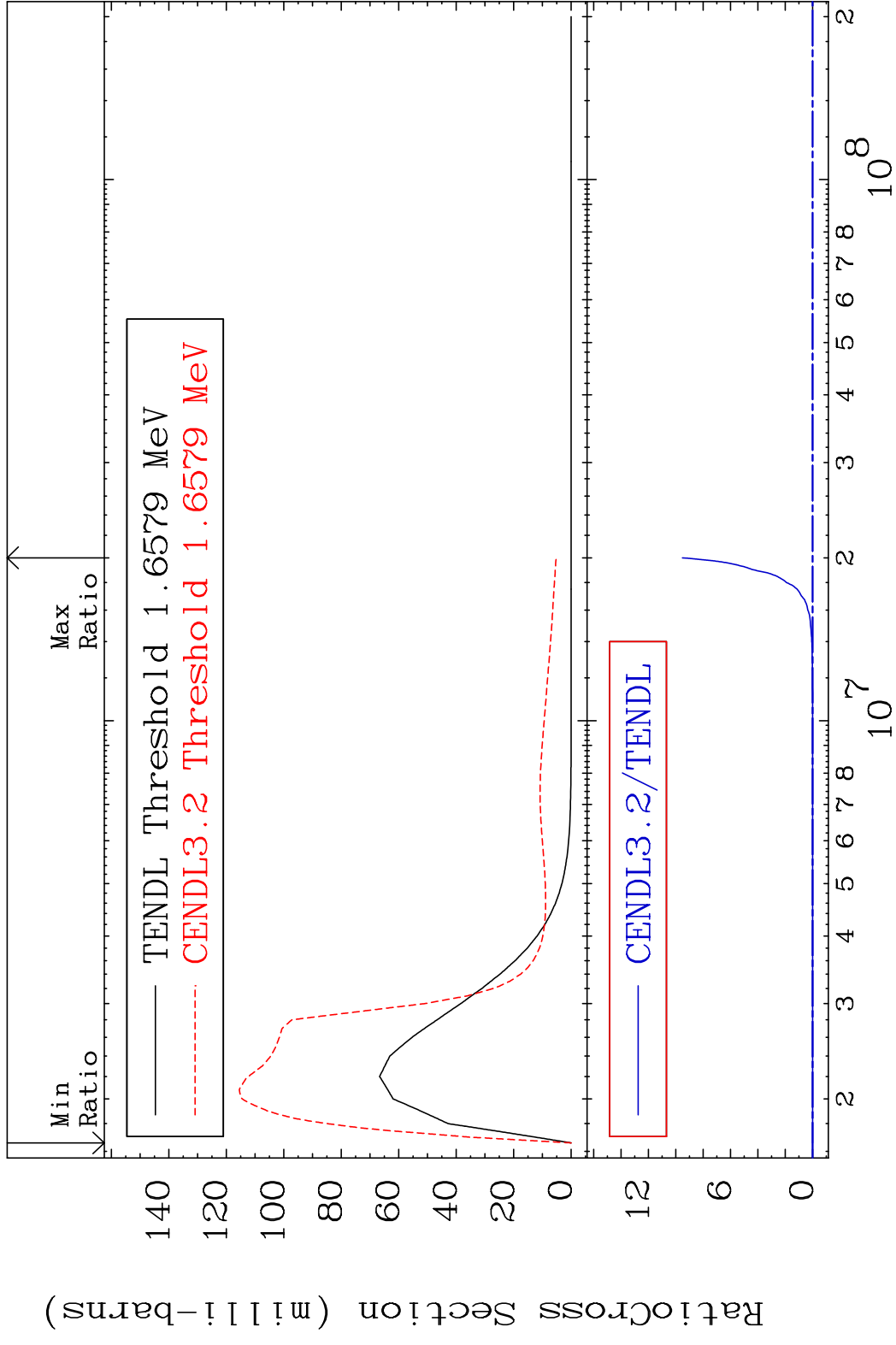


MAT 5034 MT= 57 (n,n') Level 50-Sn-115
 Cross Section -100.0 To 171.4 %

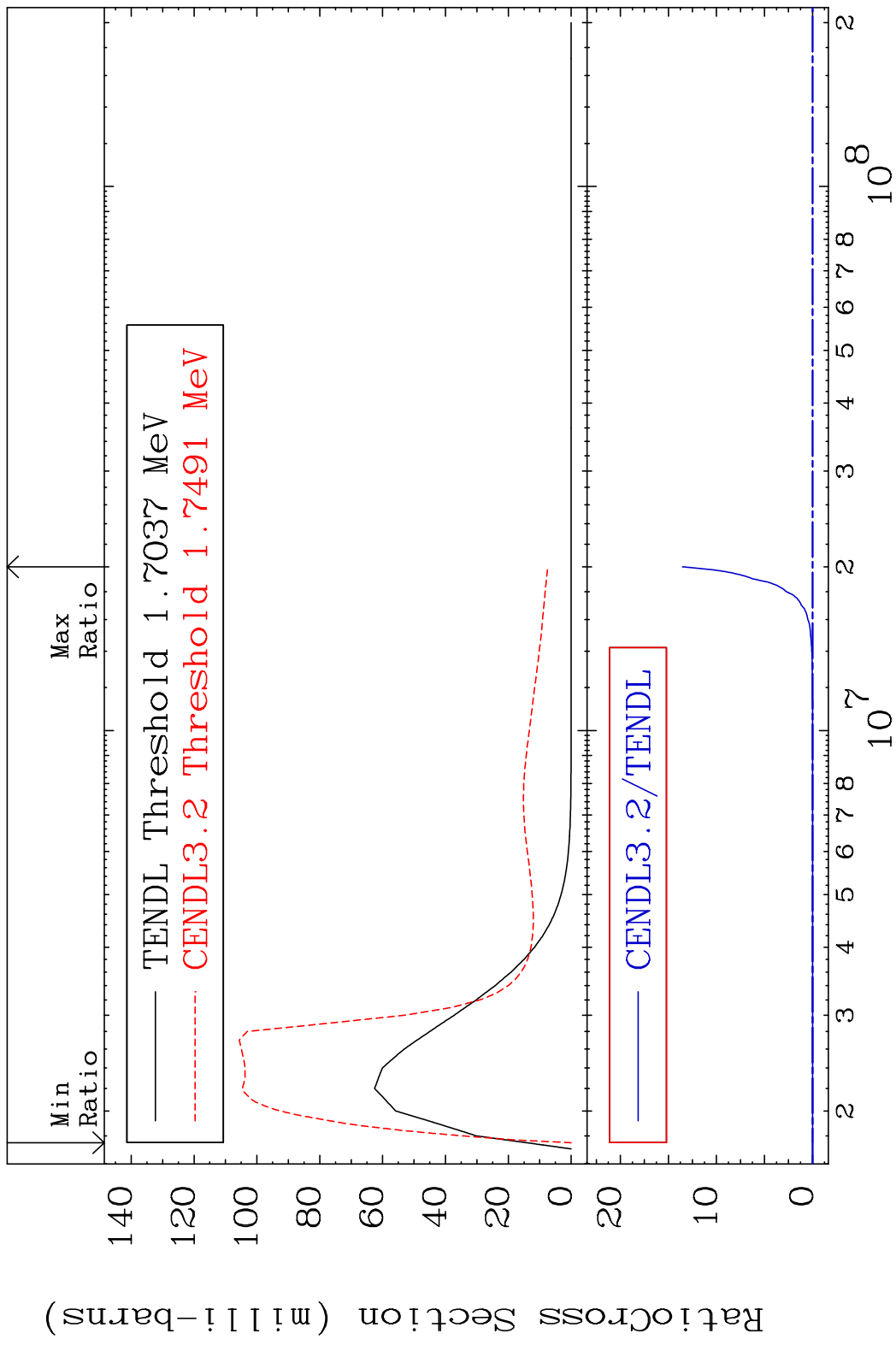


14 Incident Energy (eV) 50-Sn-115

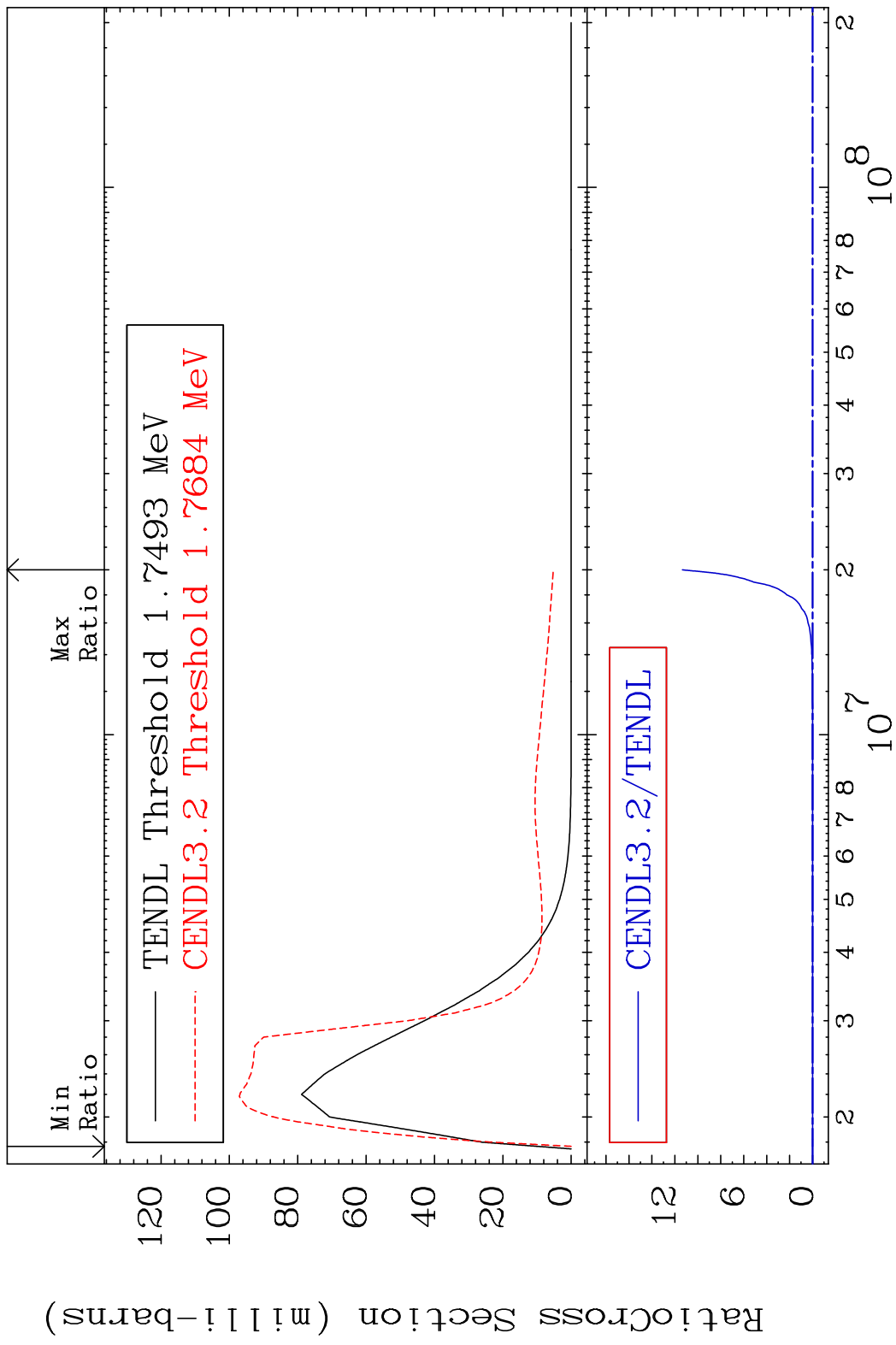
MAT 5034 MT= 58 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



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

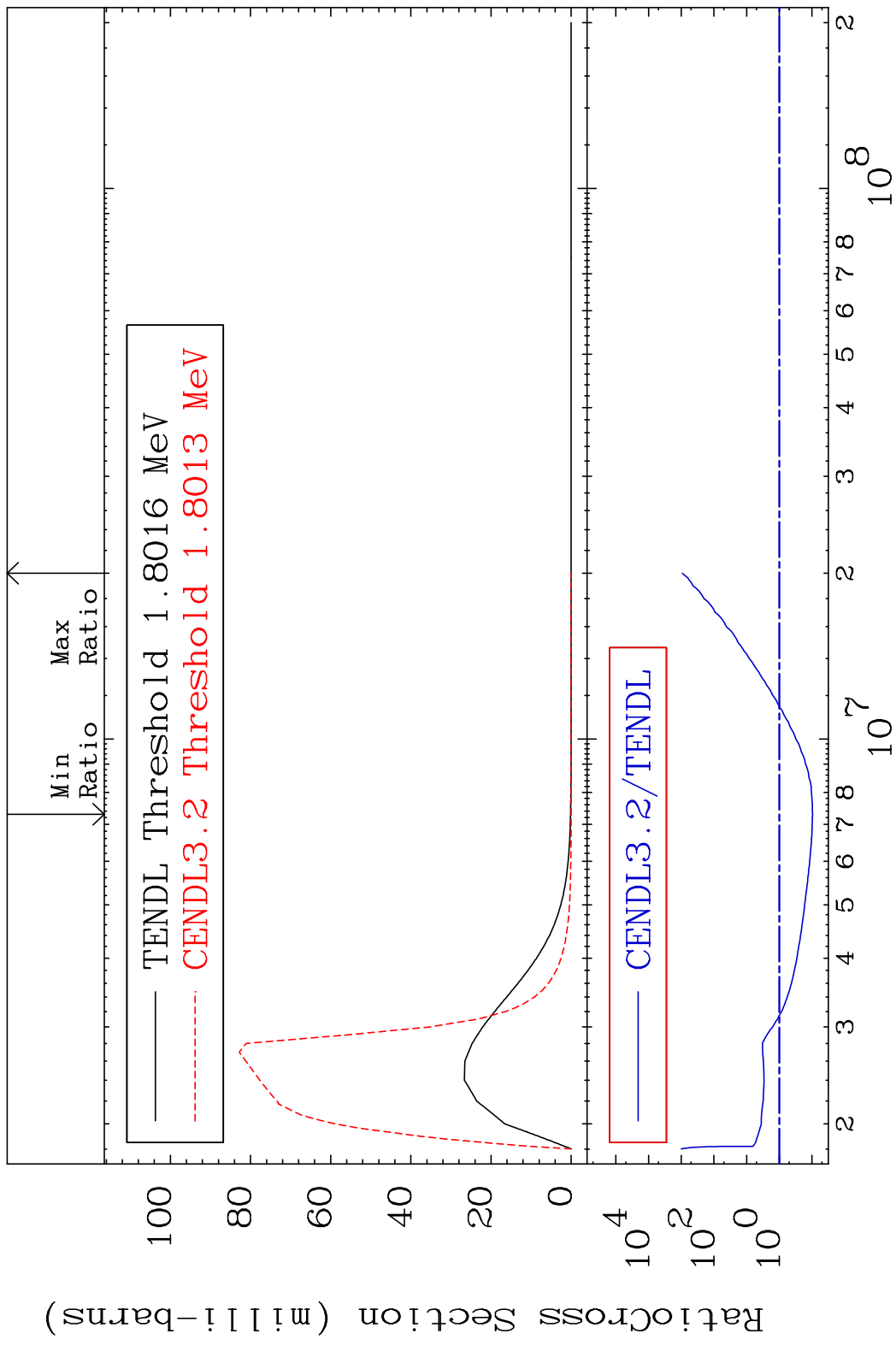


MAT 5034 MT= 60 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

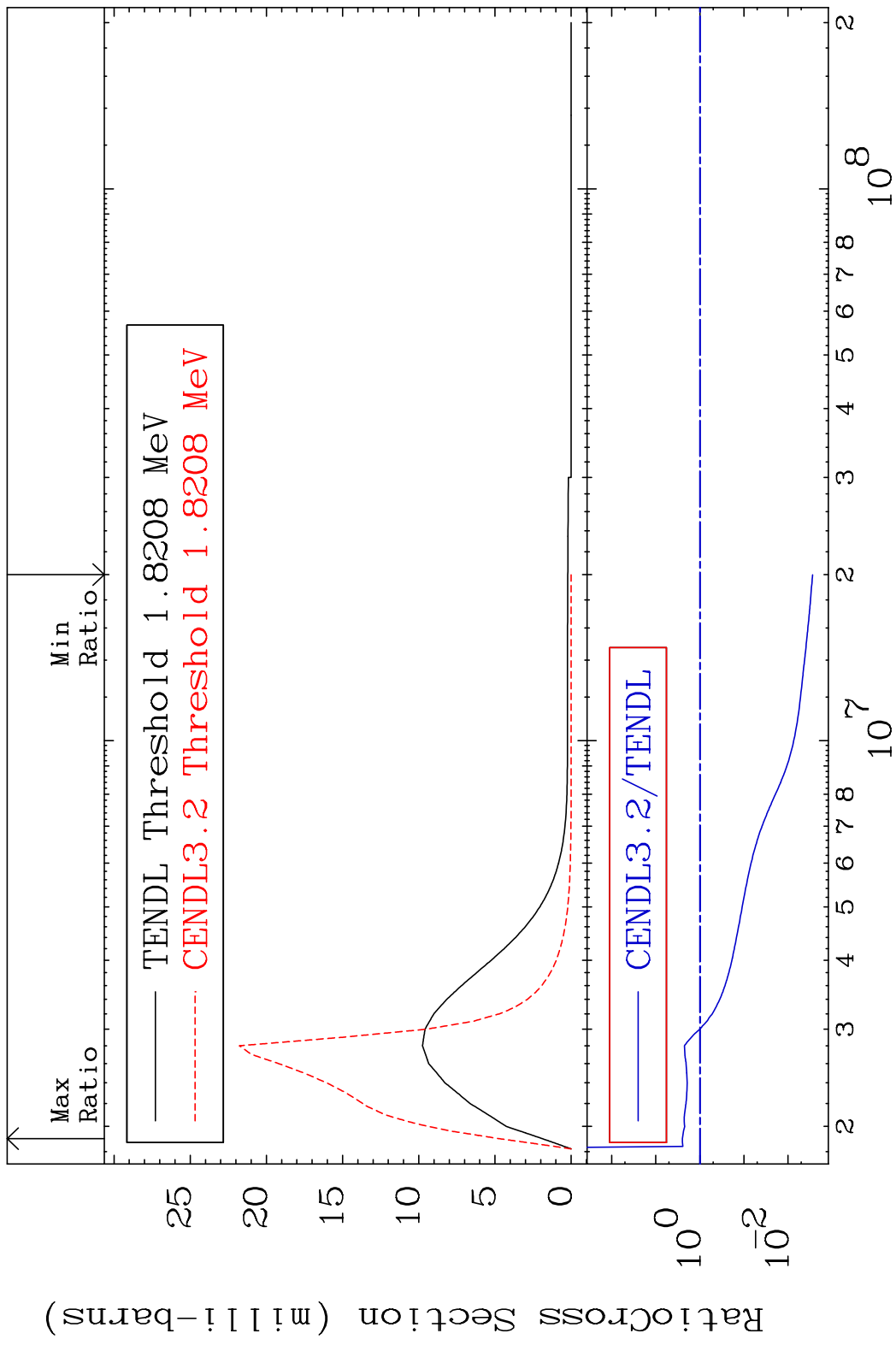


17 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 61 (n, n') Level 50-Sn-115
 Cross Section -90.37 To 9999. %

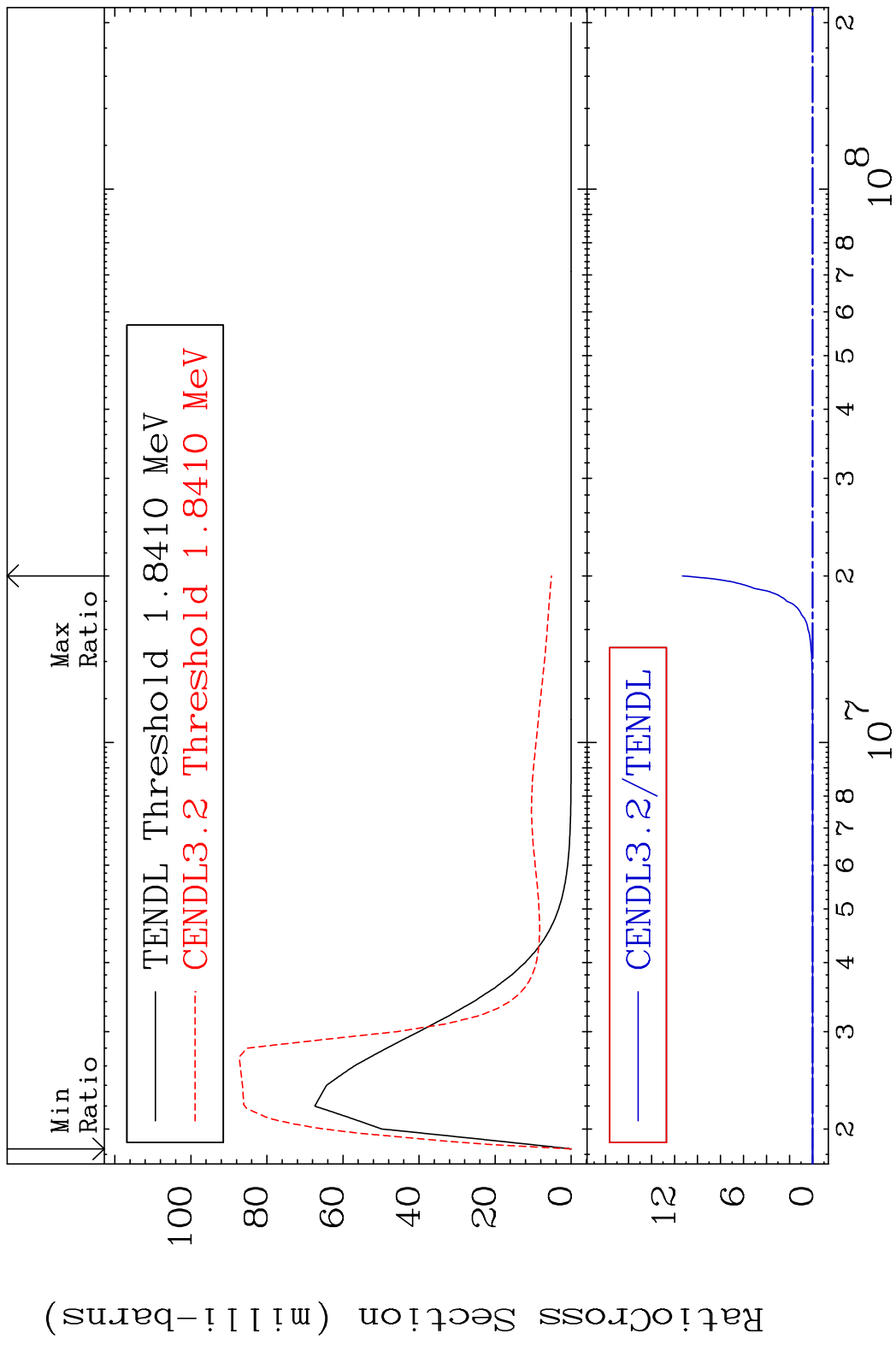


MAT 5034 MT= 62 (n, n') Level 50-Sn-115
 Cross Section -99.72 To 149.3 %



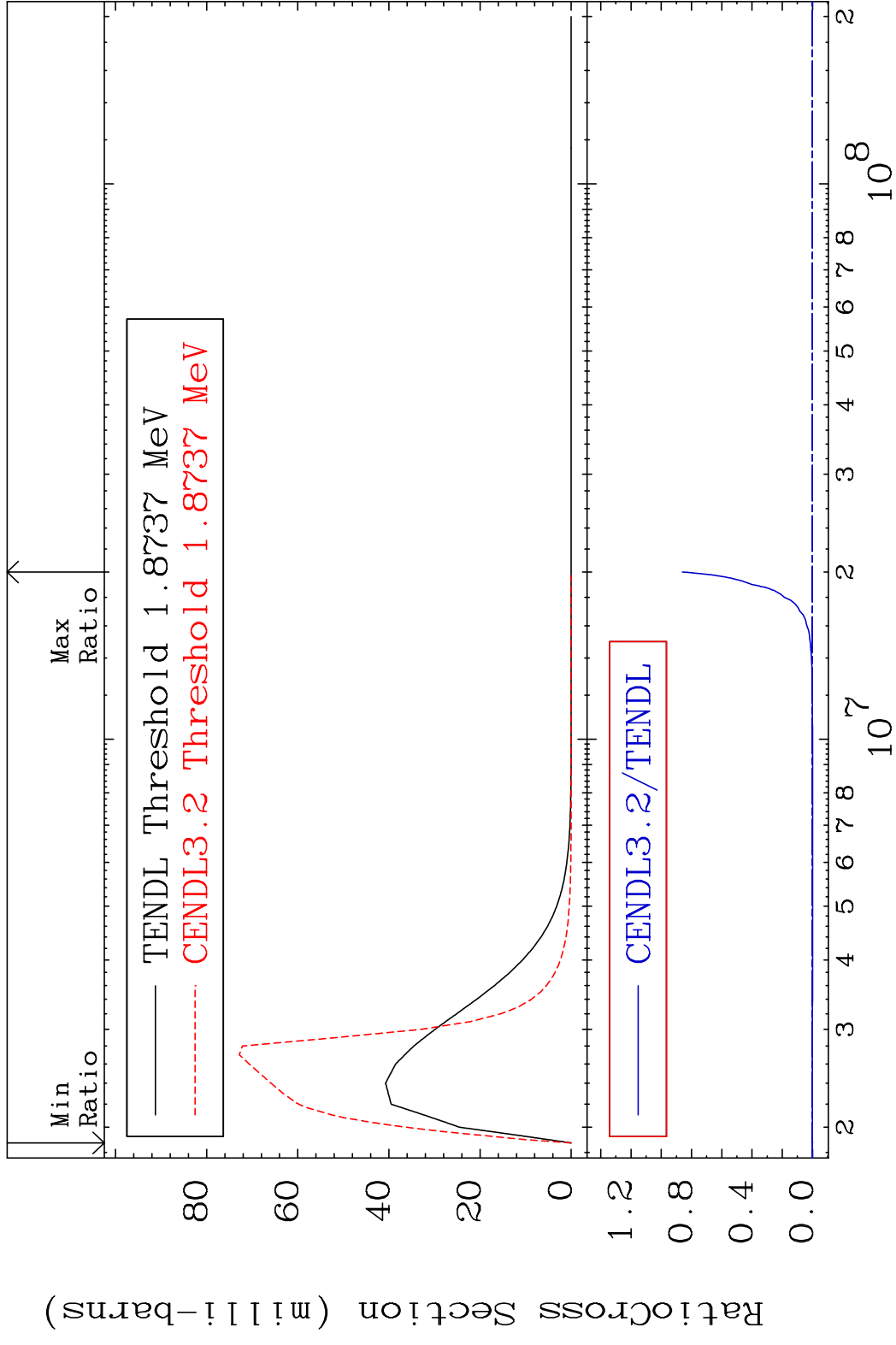
19 Incident Energy (eV) 50-Sn-115

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

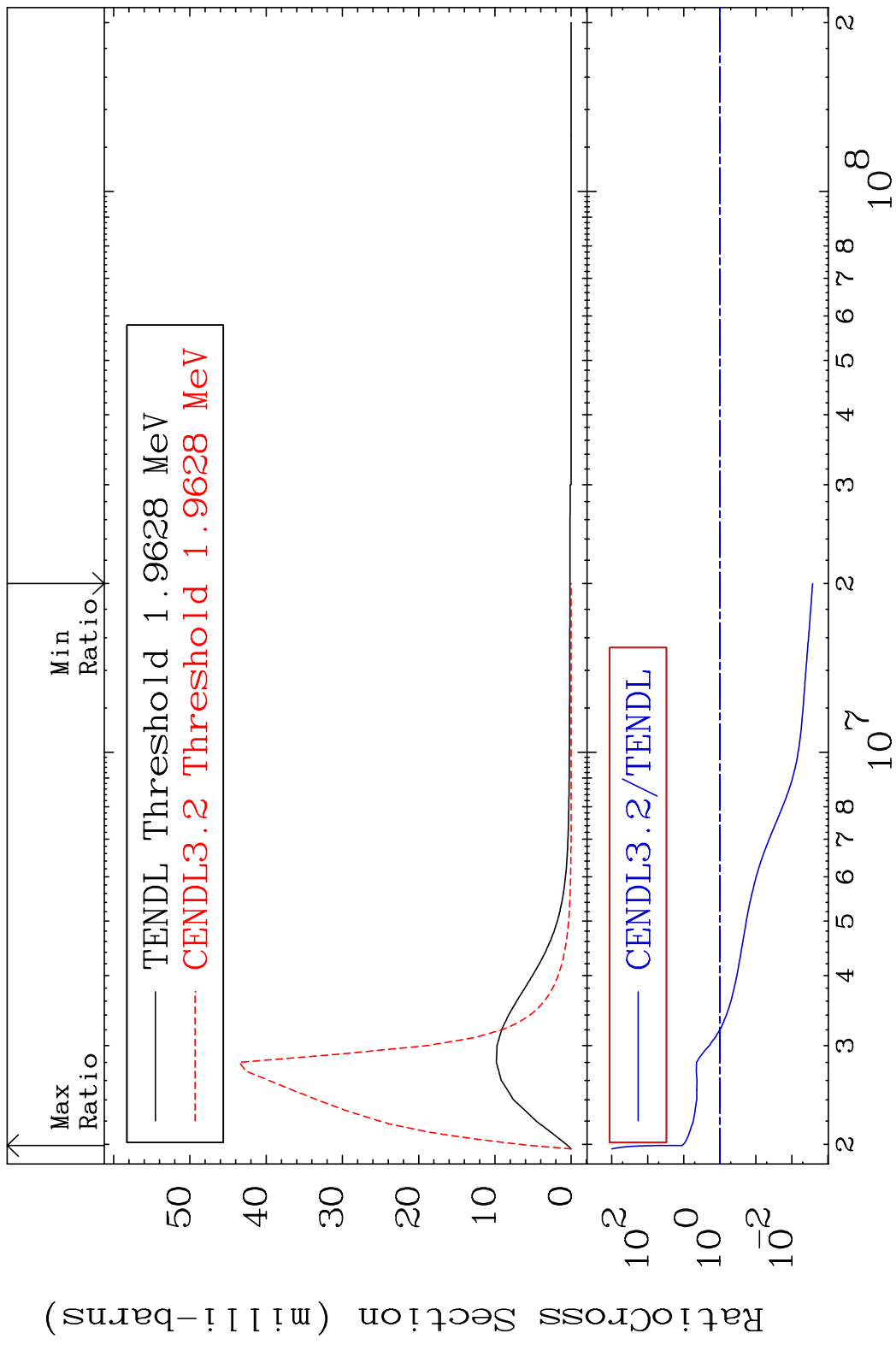


20 Incident Energy (eV) 50-Sn-115

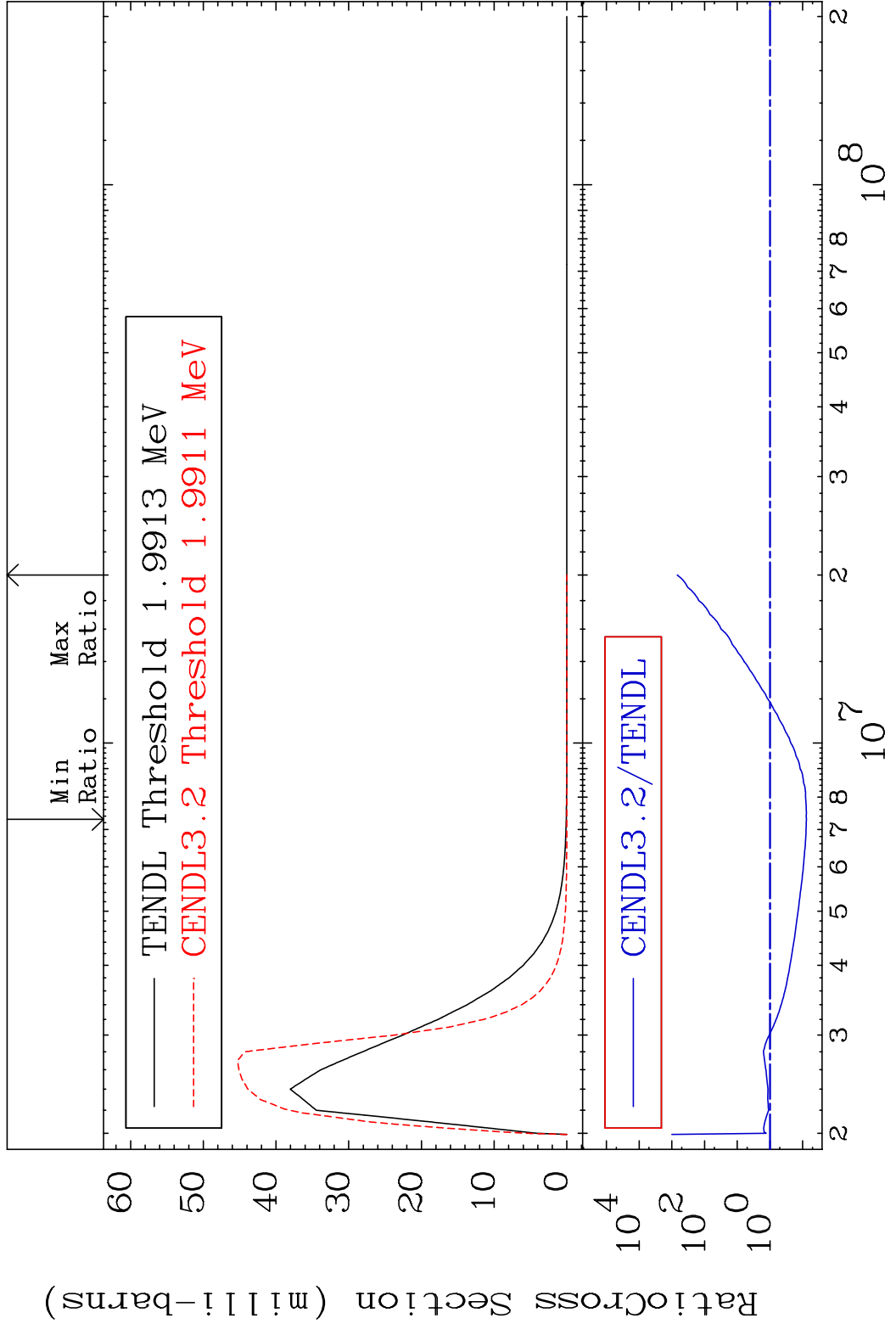
MAT 5034 MT= 64 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



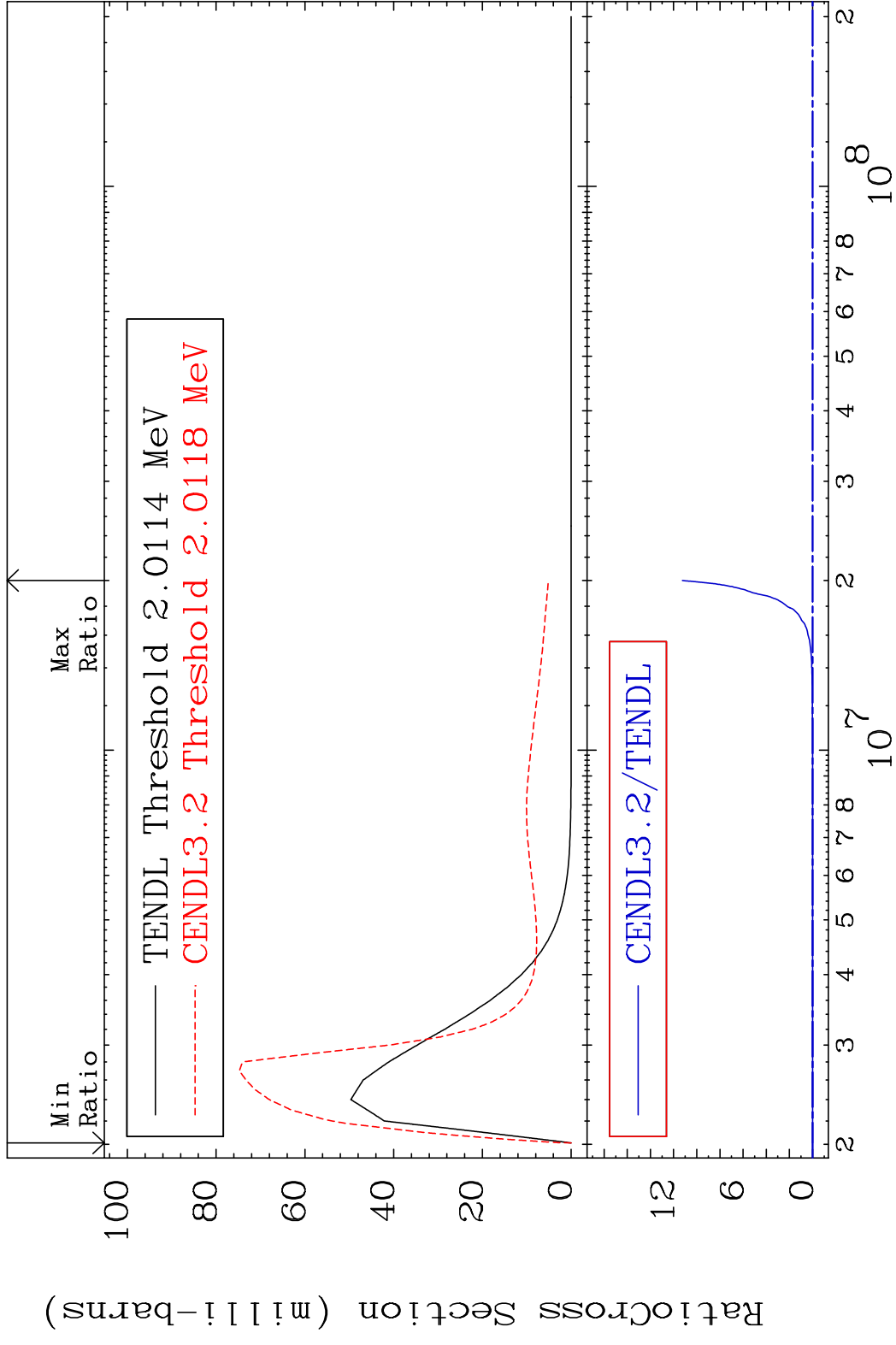
MAT 5034 MT= 65 (n, n') Level 50-Sn-115
 Cross Section -99.73 To 999.1 %



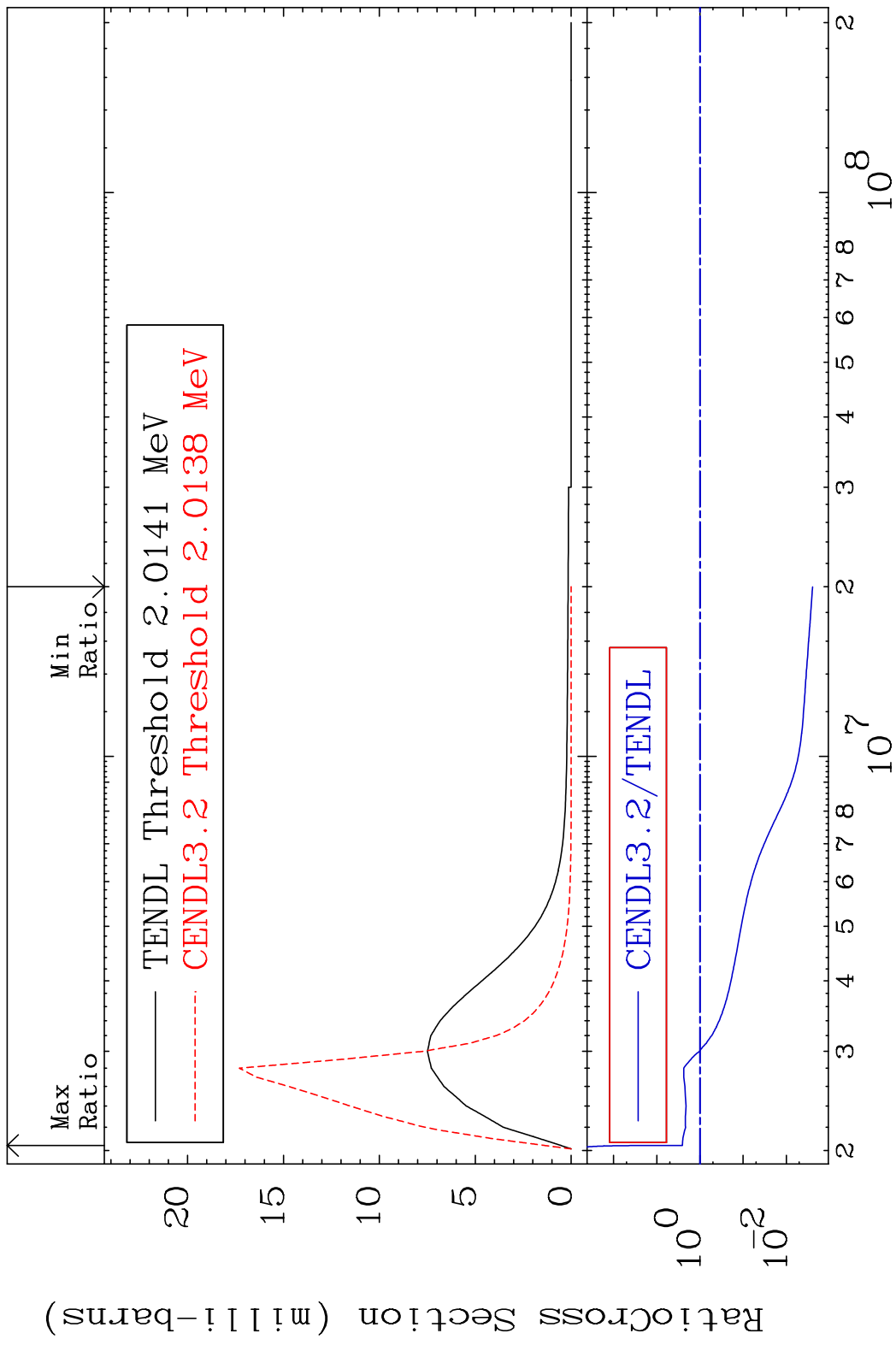
MAT 5034 MT= 66 (n, n') Level 50-Sn-115
 Cross Section -92.30 To 9999. %



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 155.4 %

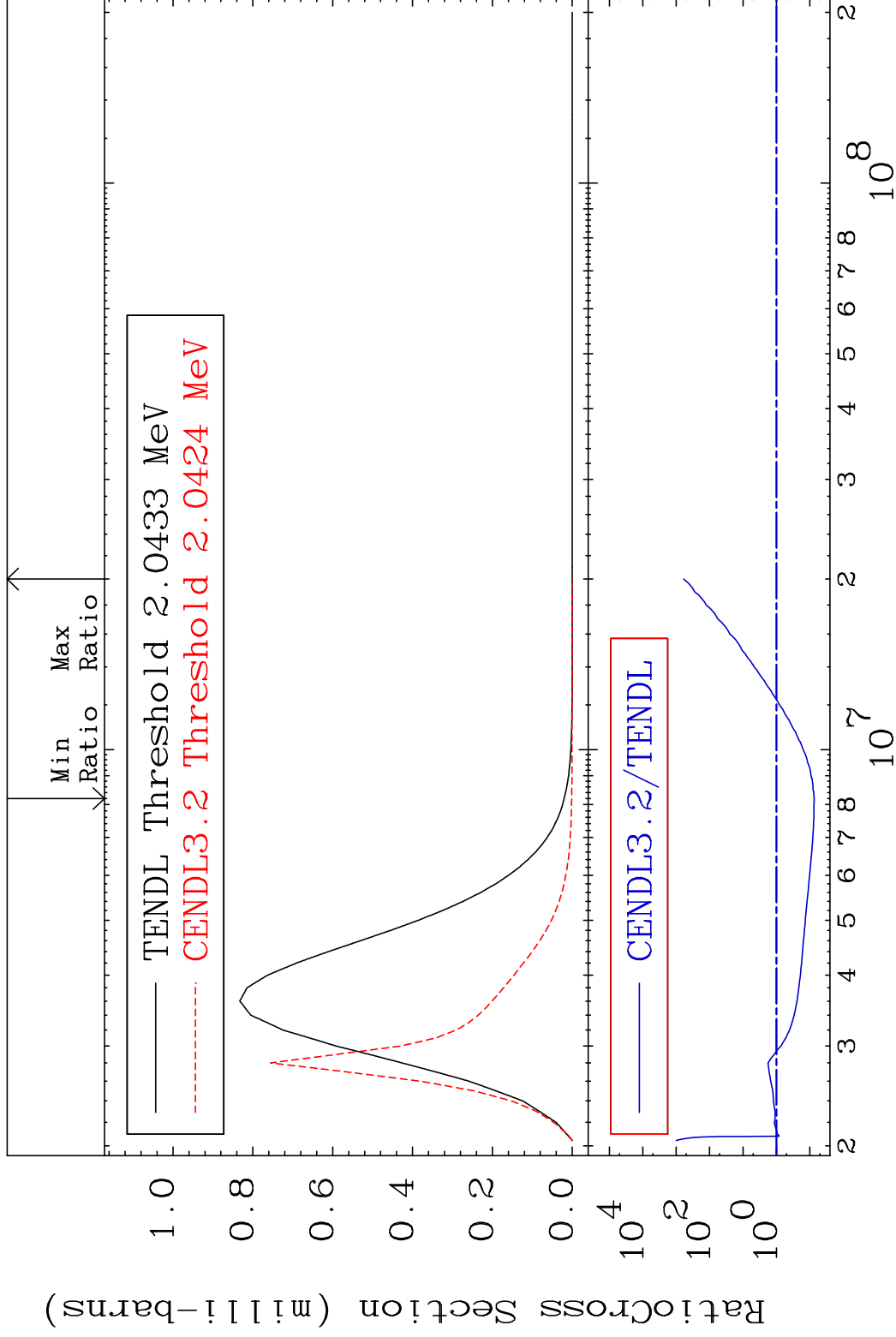


MAT 5034

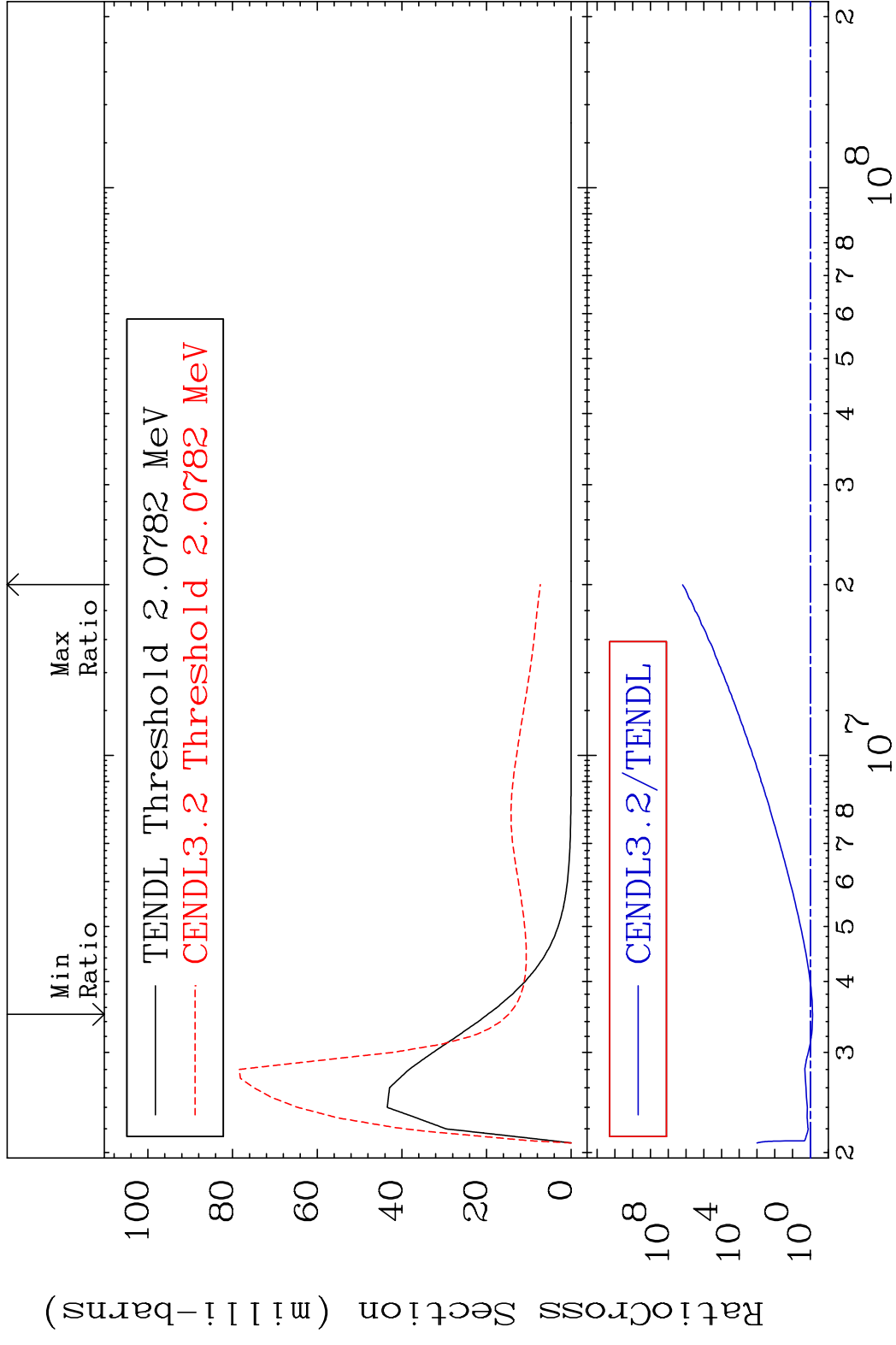
MT= 69 (n, n') Level

50-Sn-115

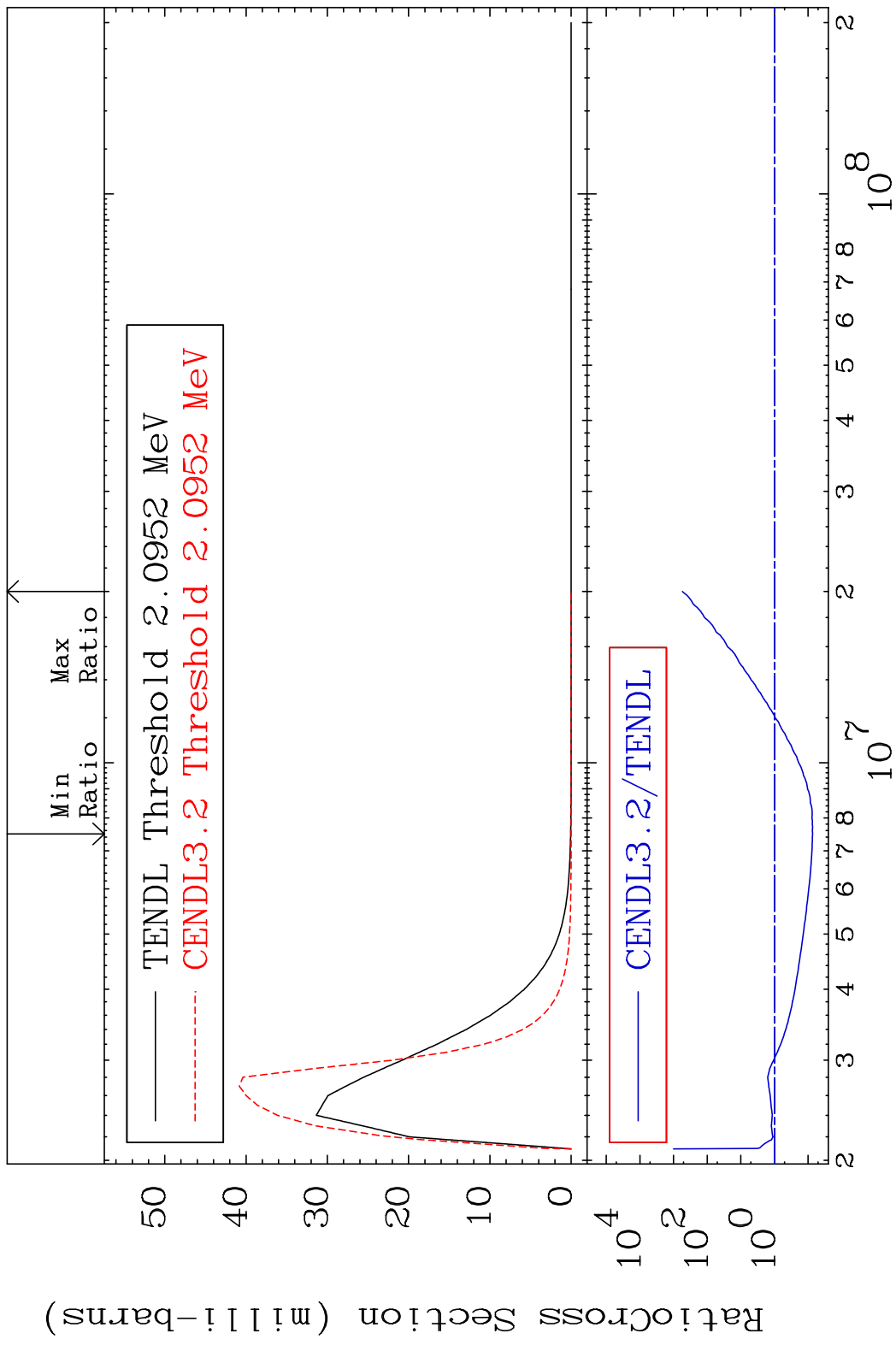
Cross Section -92.59 To 9999. %



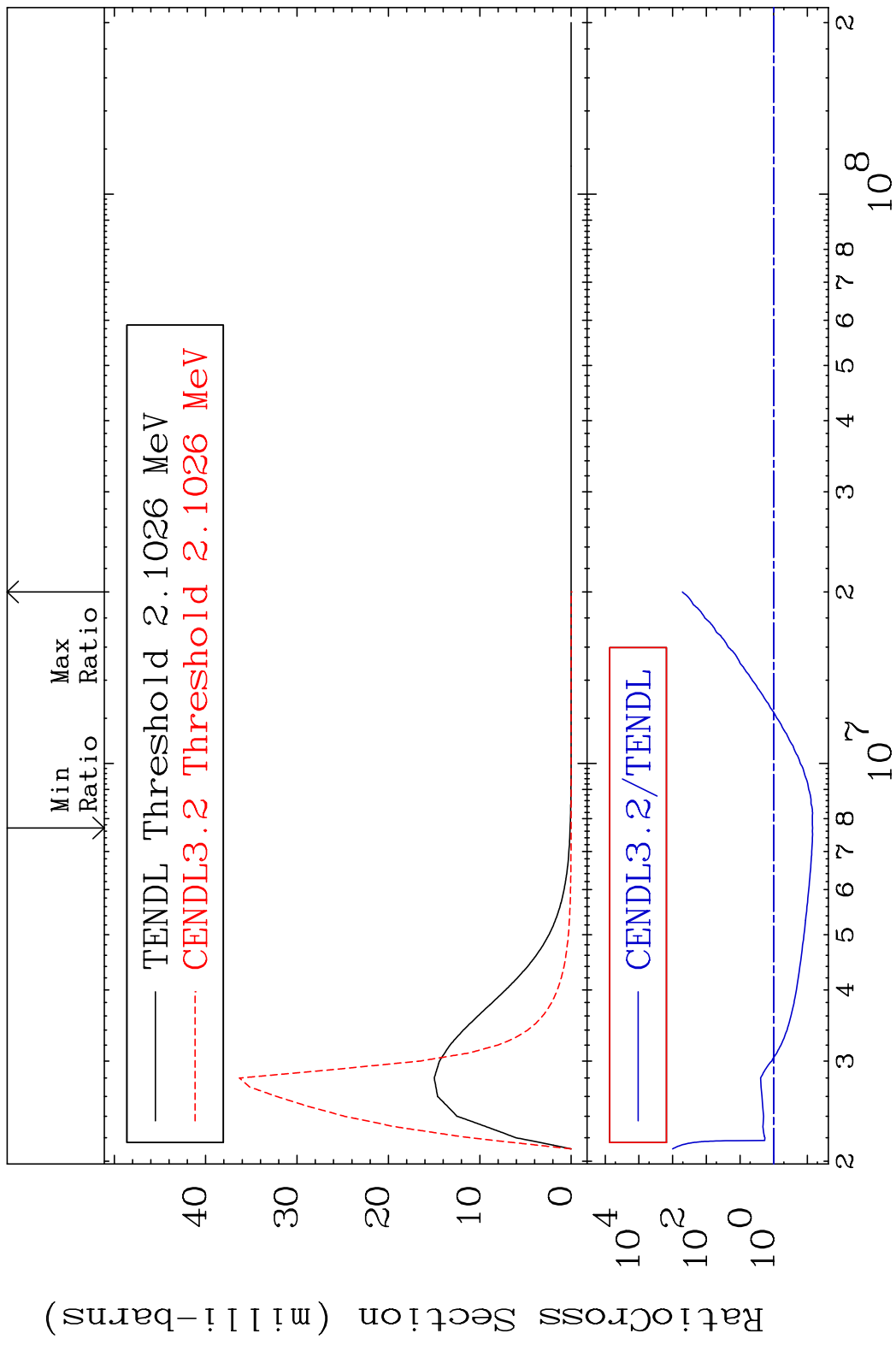
MAT 5034 MT= 70 (n, n') Level 50-Sn-115
 Cross Section -25.08 To 9999. %



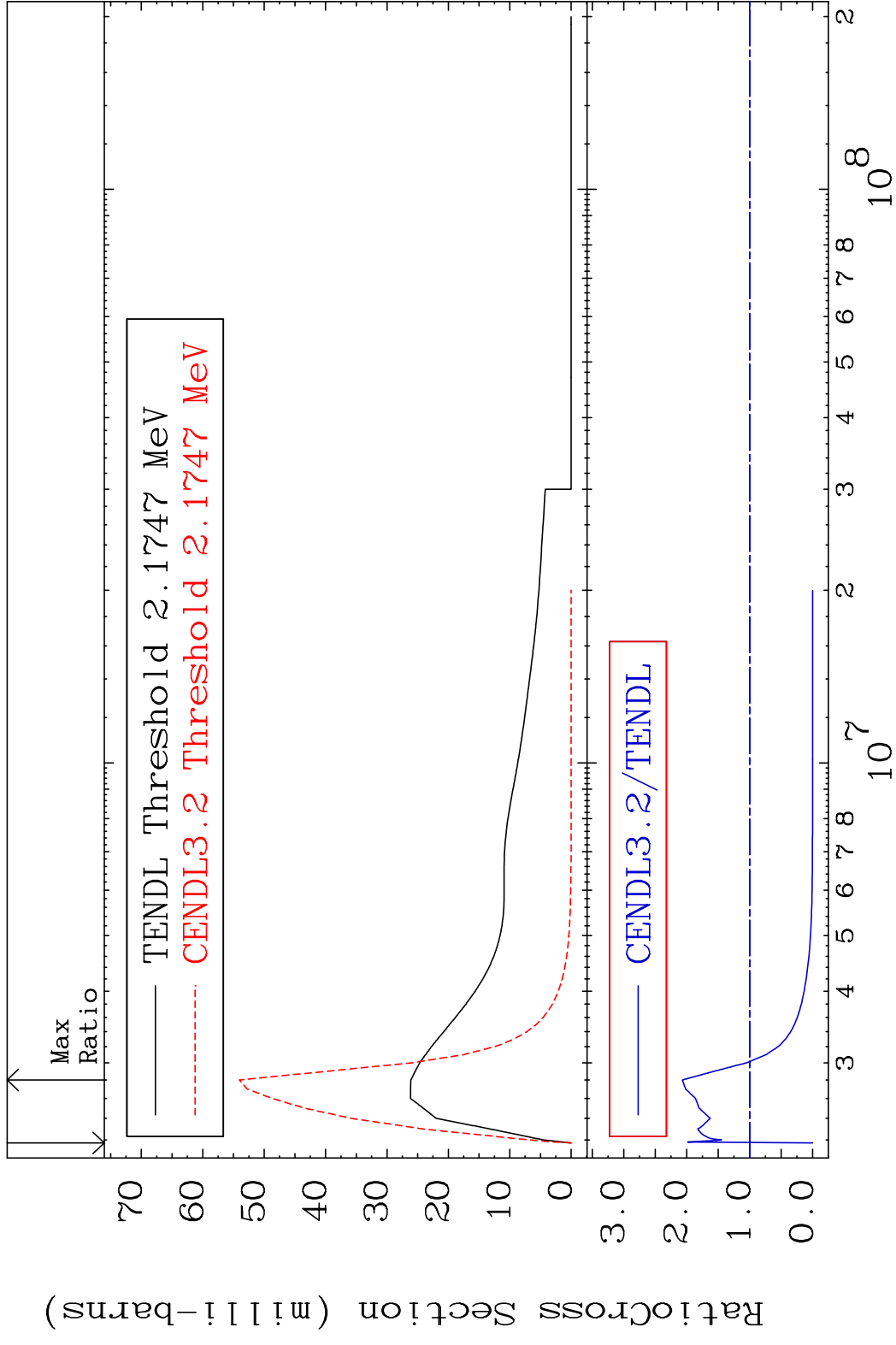
MAT 5034 MT= 71 (n, n') Level 50-Sn-115
 Cross Section -92.65 To 9999. %



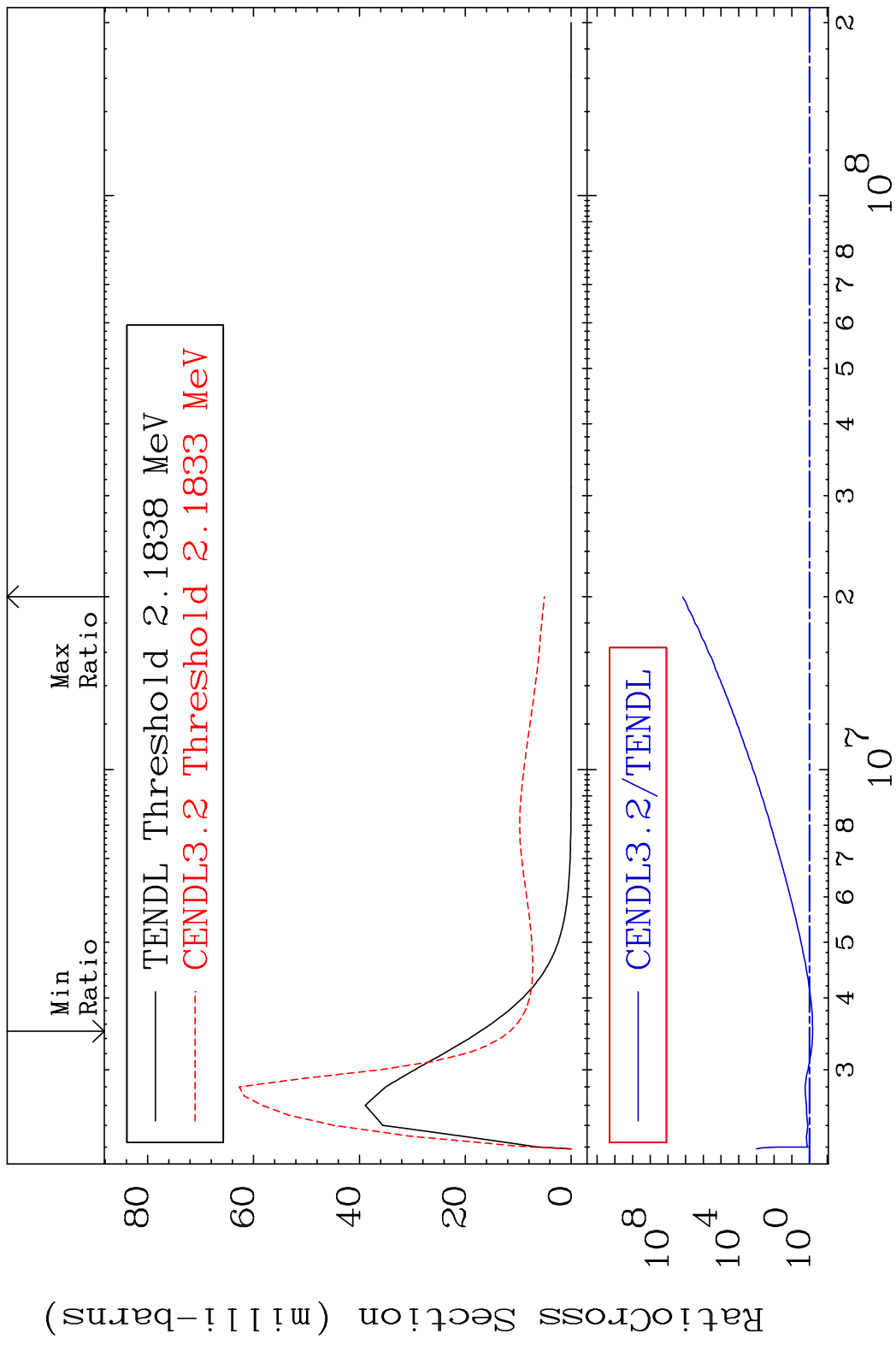
MAT 5034 MT= 72 (n, n') Level 50-Sn-115
 Cross Section -92.99 To 9999. %



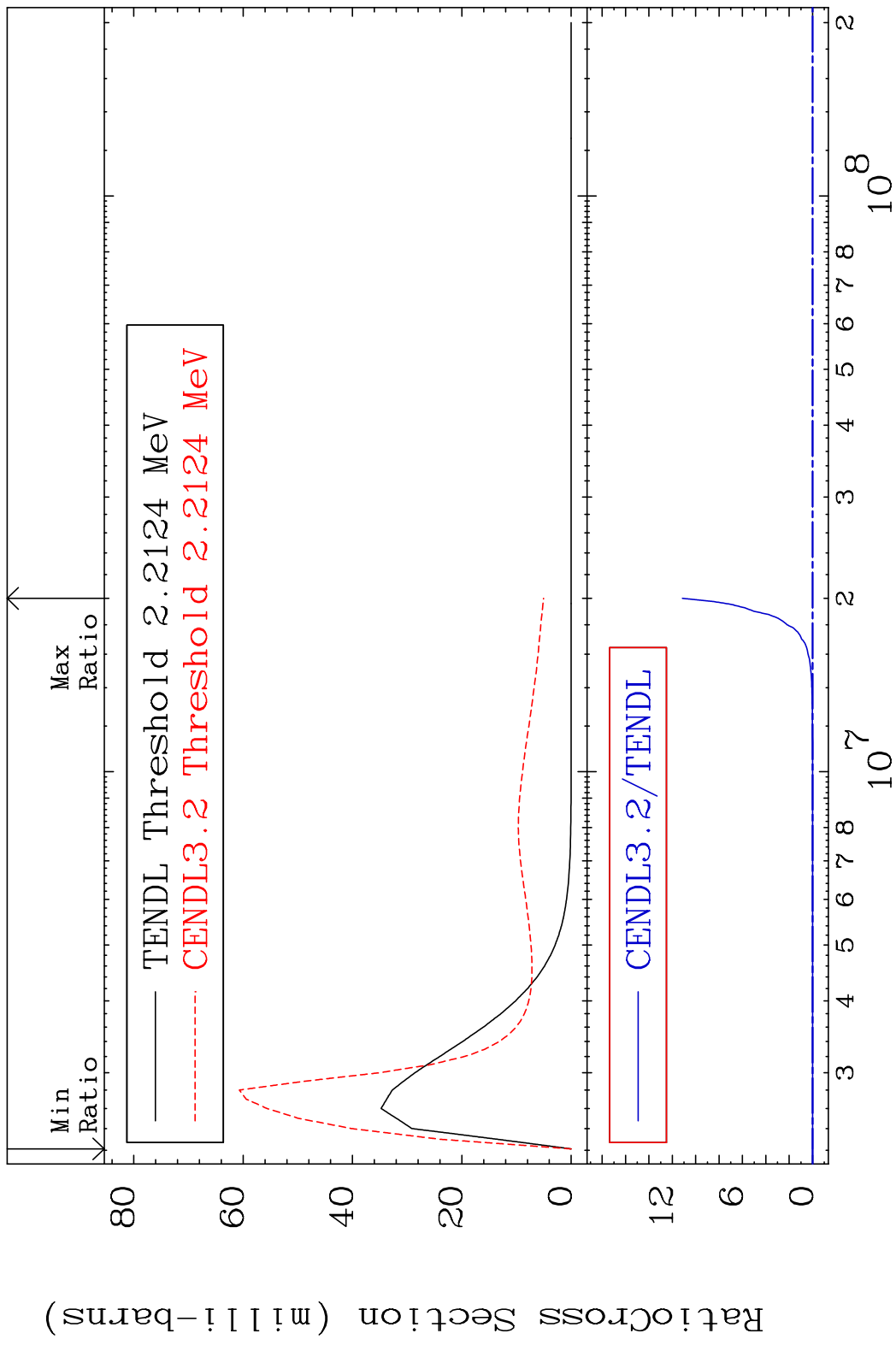
MAT 5034 MT= 73 (n,n') Level 50-Sn-115
 Cross Section -100.0 To 107.0 %



MAT 5034 MT= 74 (n, n') Level 50-Sn-115
 Cross Section -32.87 To 9999. %



MAT 5034 MT= 75 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

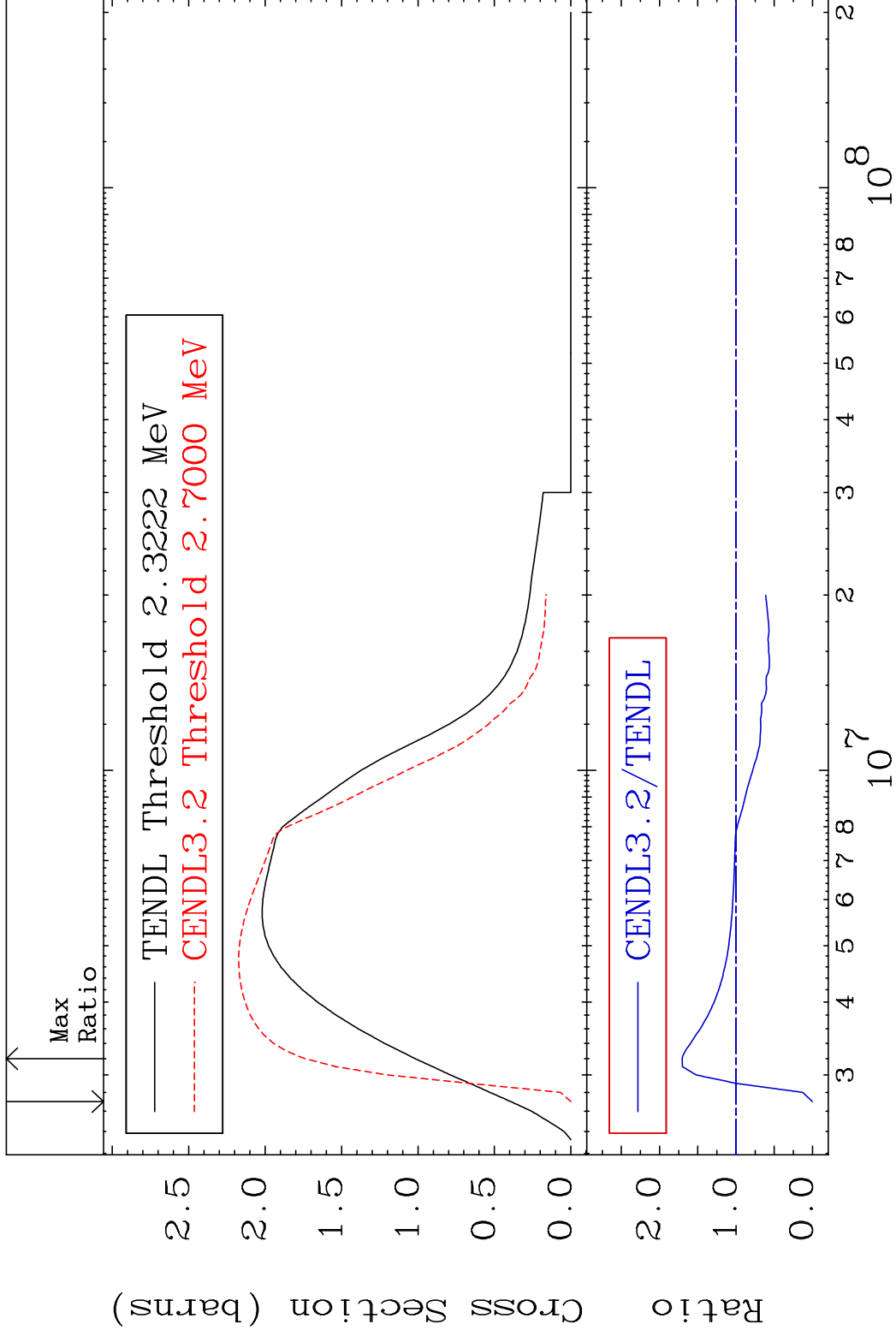


MAT 5034

(n, n') Continuum

50-Sn-115

Cross Section -100.0 To 70.44 %



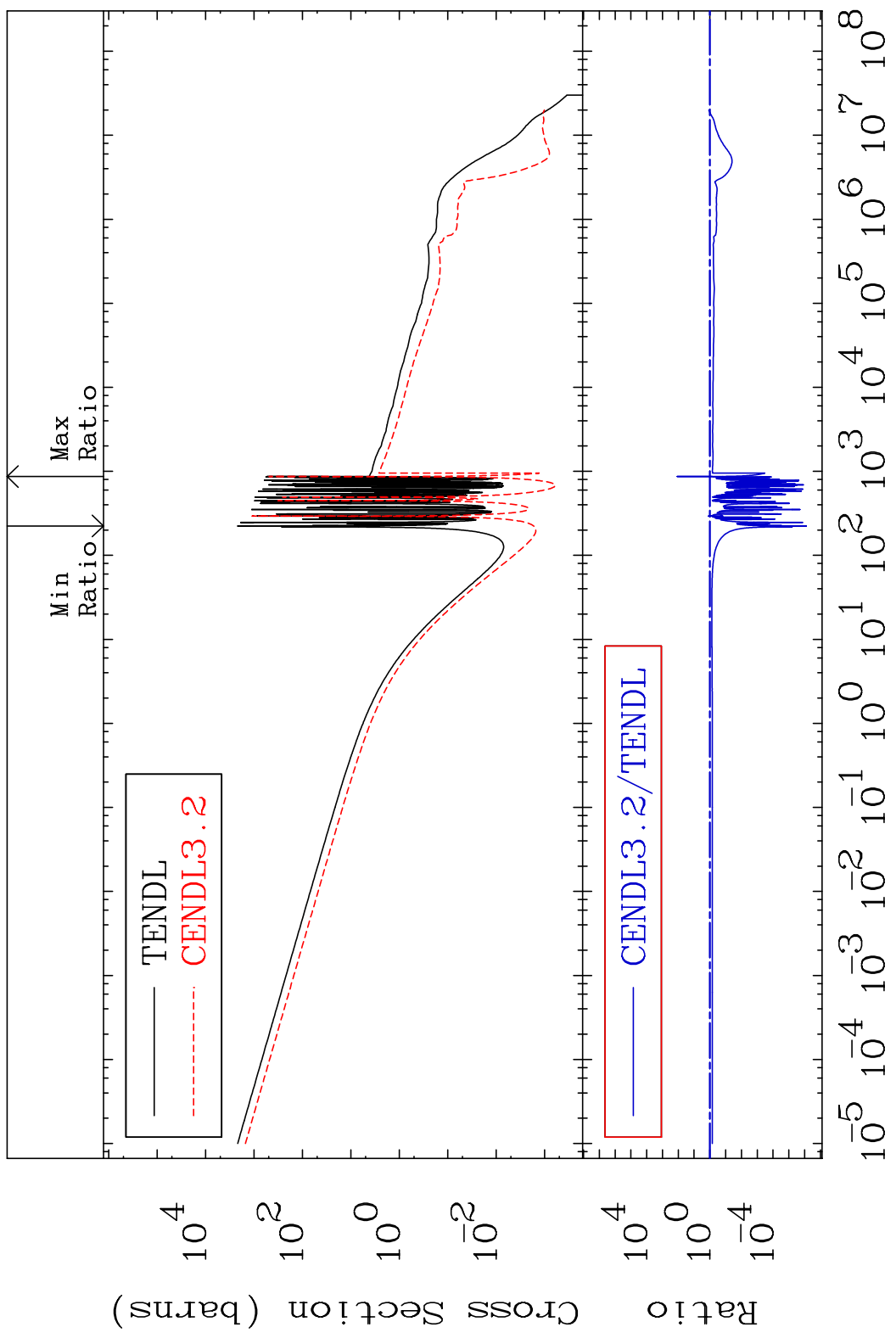
33

Incident Energy (eV)

50-Sn-115

MAT 5034

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



34

Incident Energy (eV)

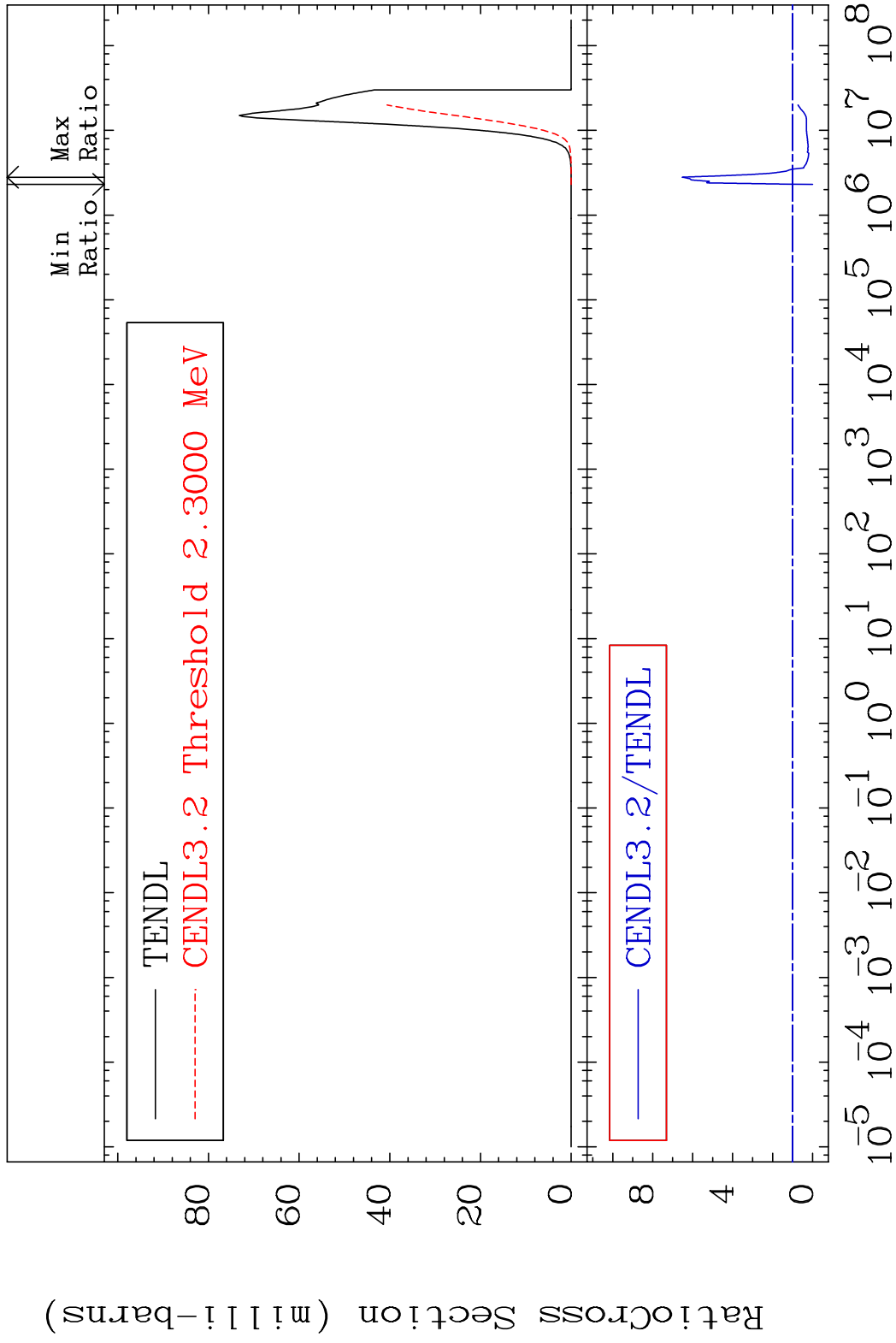
50-Sn-115

MAT 5034

(n, p)

50-Sn-115

Cross Section -100.0 To 551.6 %



35

Incident Energy (eV)

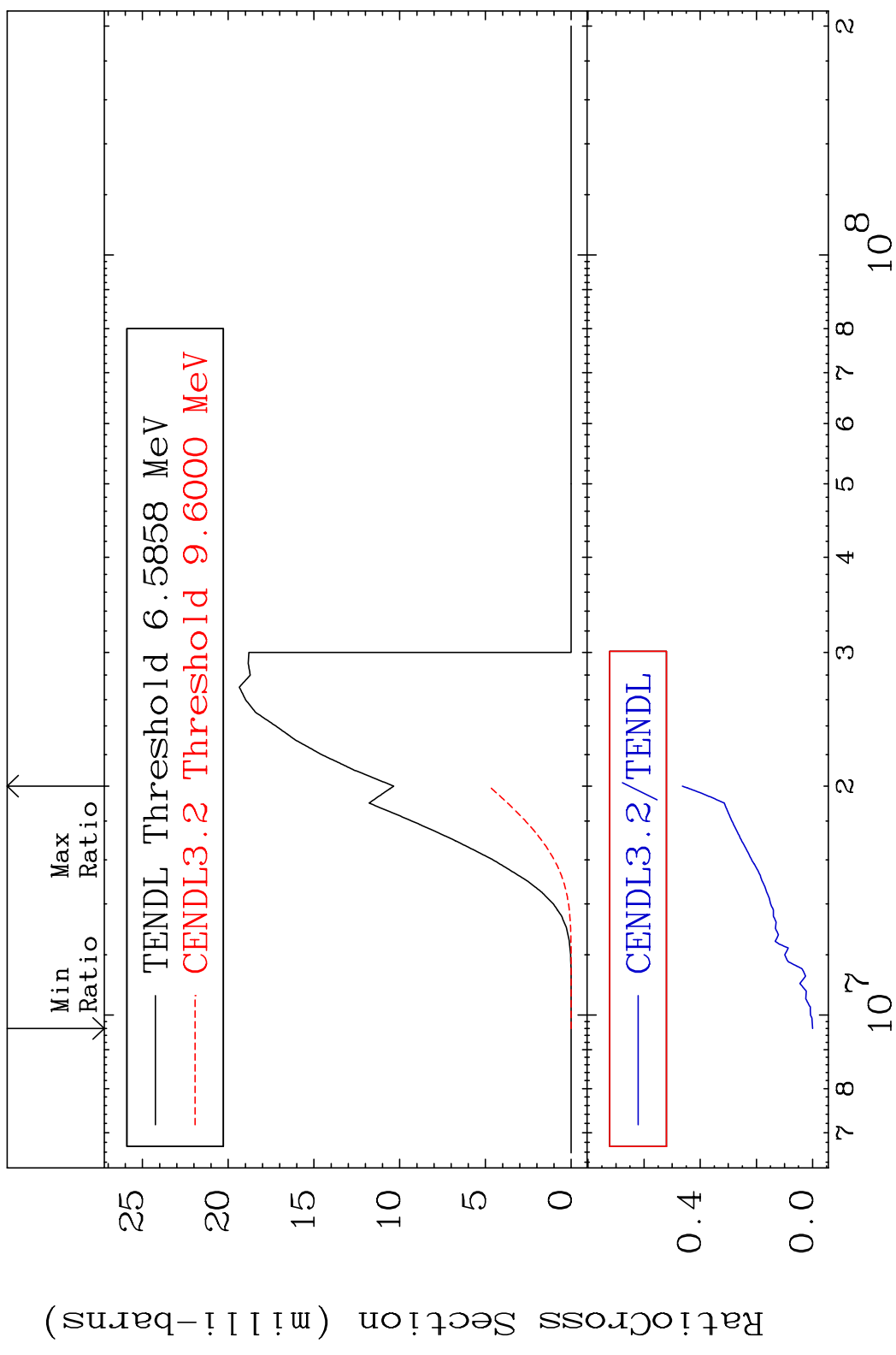
50-Sn-115

MAT 5034

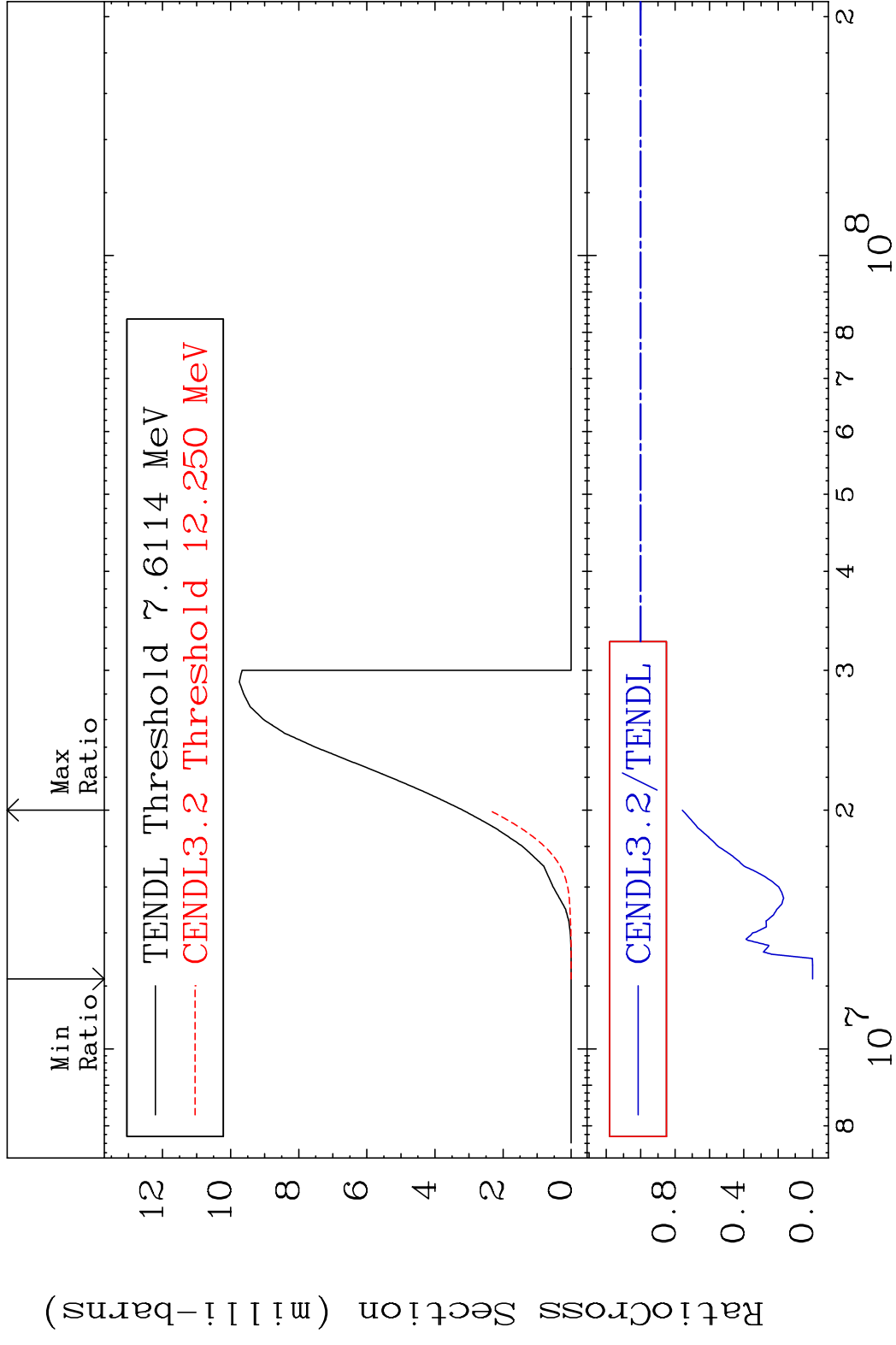
(n, d)

50-Sn-115

Cross Section -100.0 To -53.63%



MAT 5034 (n, t) 50-Sn-115
 Cross Section -100.0 To -24.24%

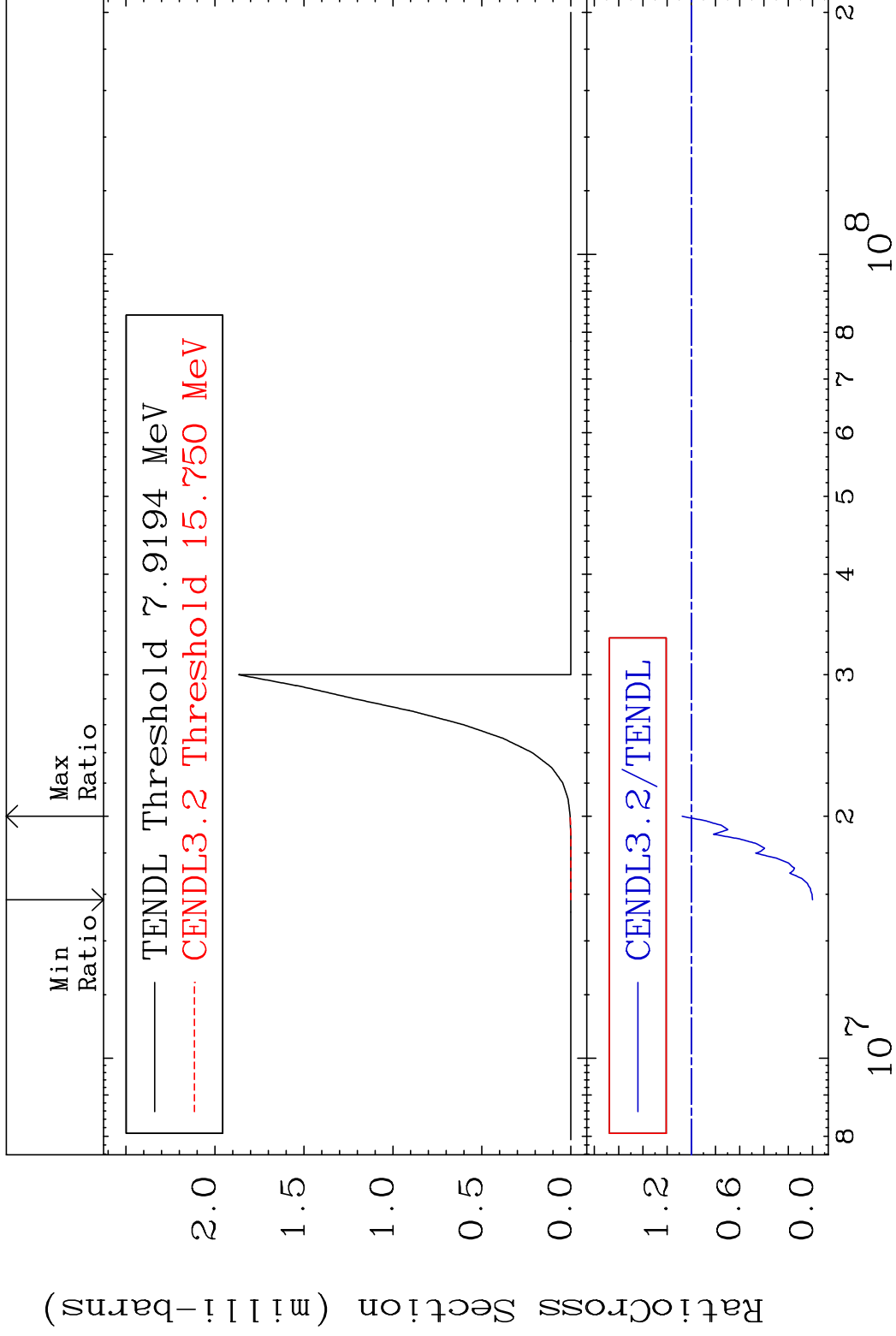


MAT 5034

(n, He-3)

50-Sn-115

Cross Section -100.0 To 7.575 %



38

Incident Energy (eV)

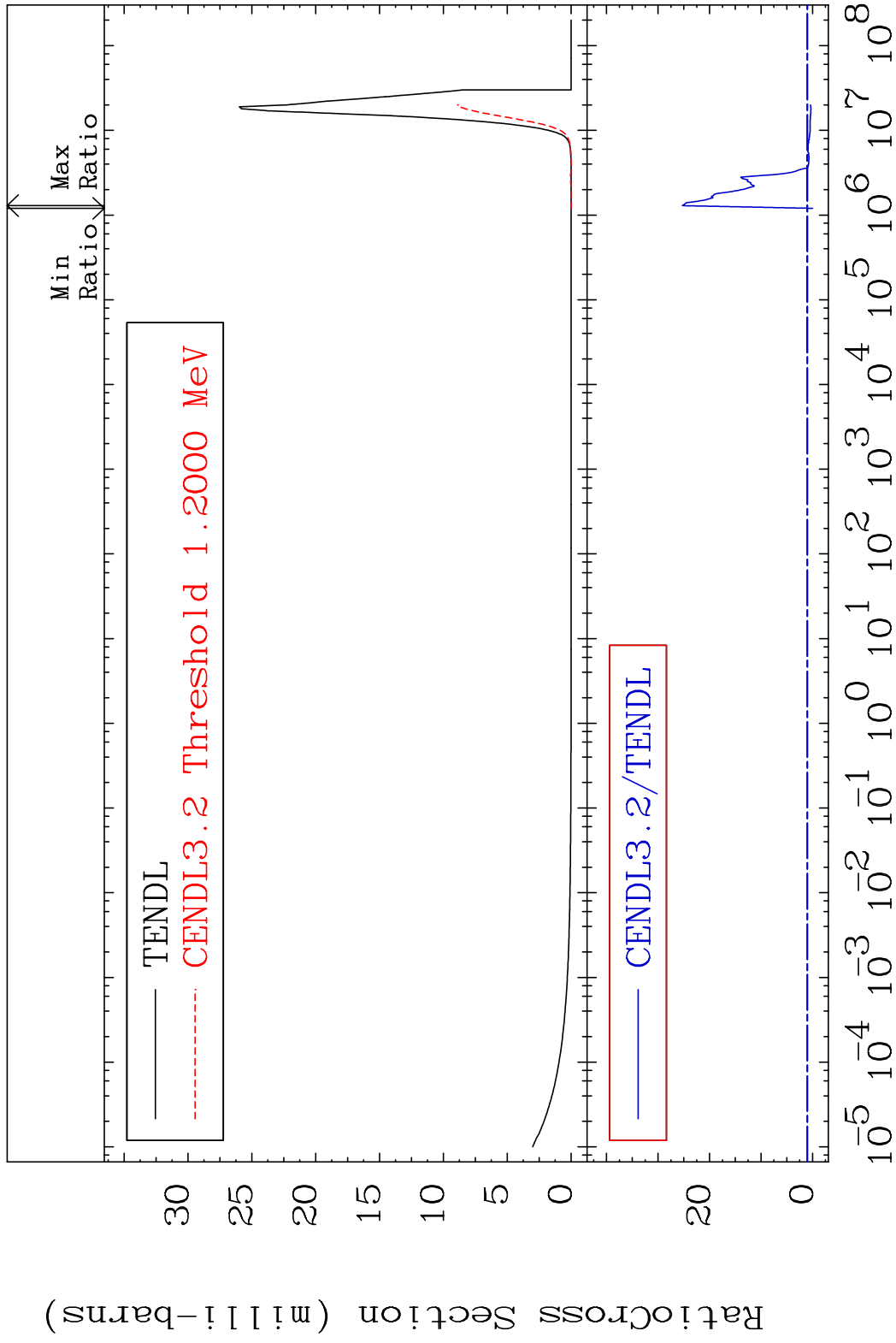
50-Sn-115

MAT 5034

(n, α)

50-Sn-115

Cross Section -100.0 To 2428. %

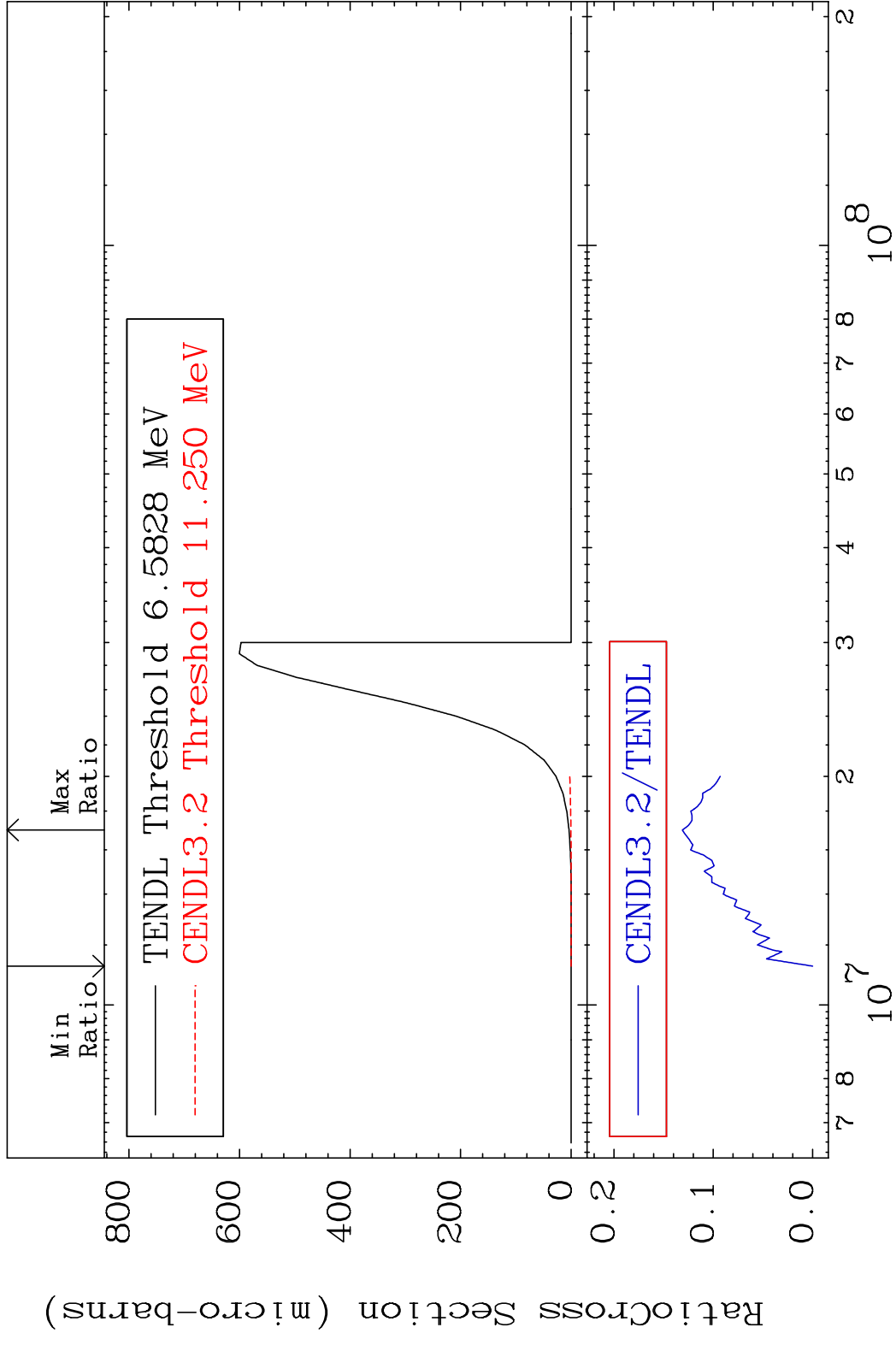


39

Incident Energy (eV)

50-Sn-115

MAT 5034 (n,2p) 50-Sn-115
 Cross Section -100.0 To -86.89%



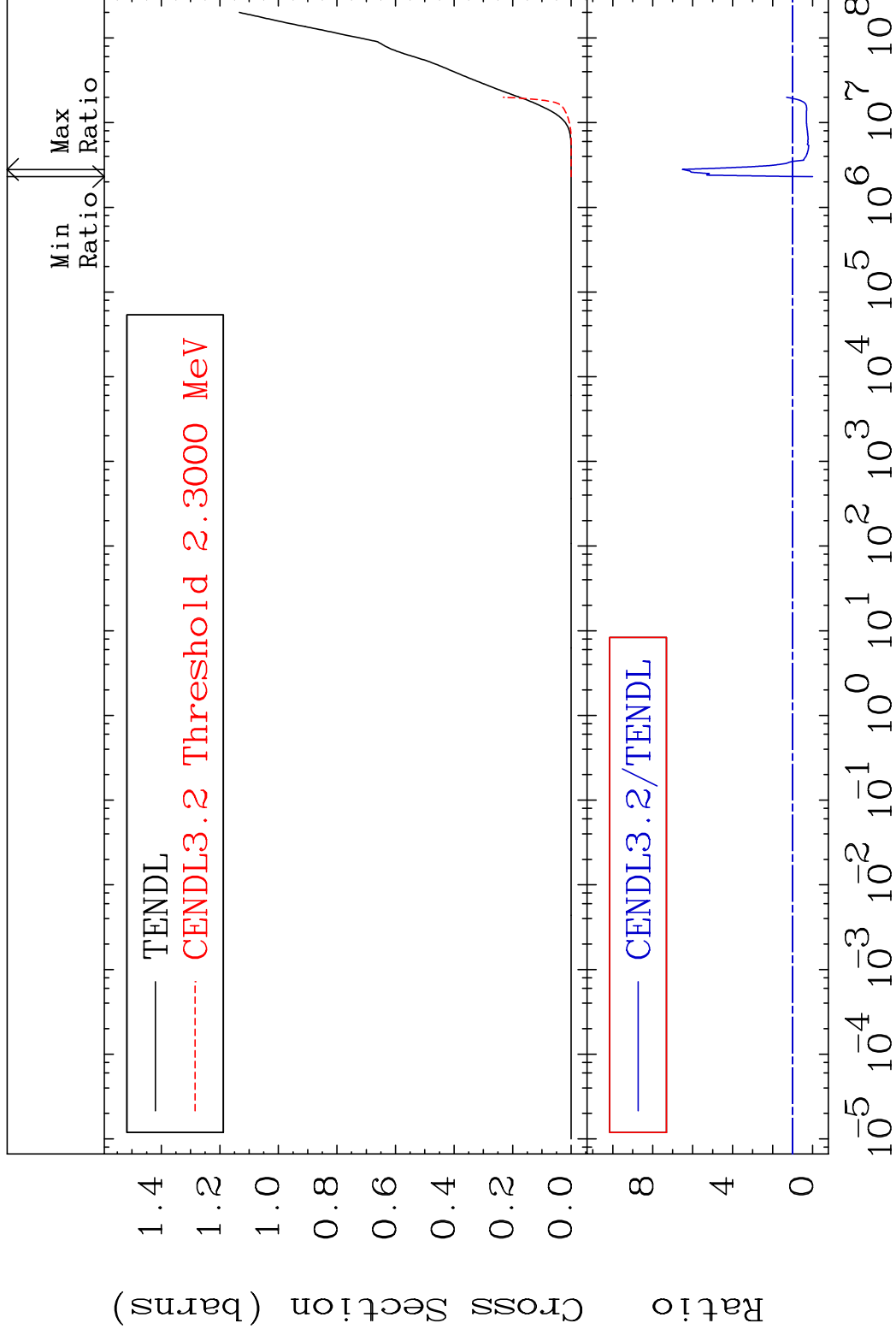
40 Incident Energy (eV) 50-Sn-115

MAT 5034

Hydrogen Production

50-Sn-115

Cross Section -100.0 To 551.6 %



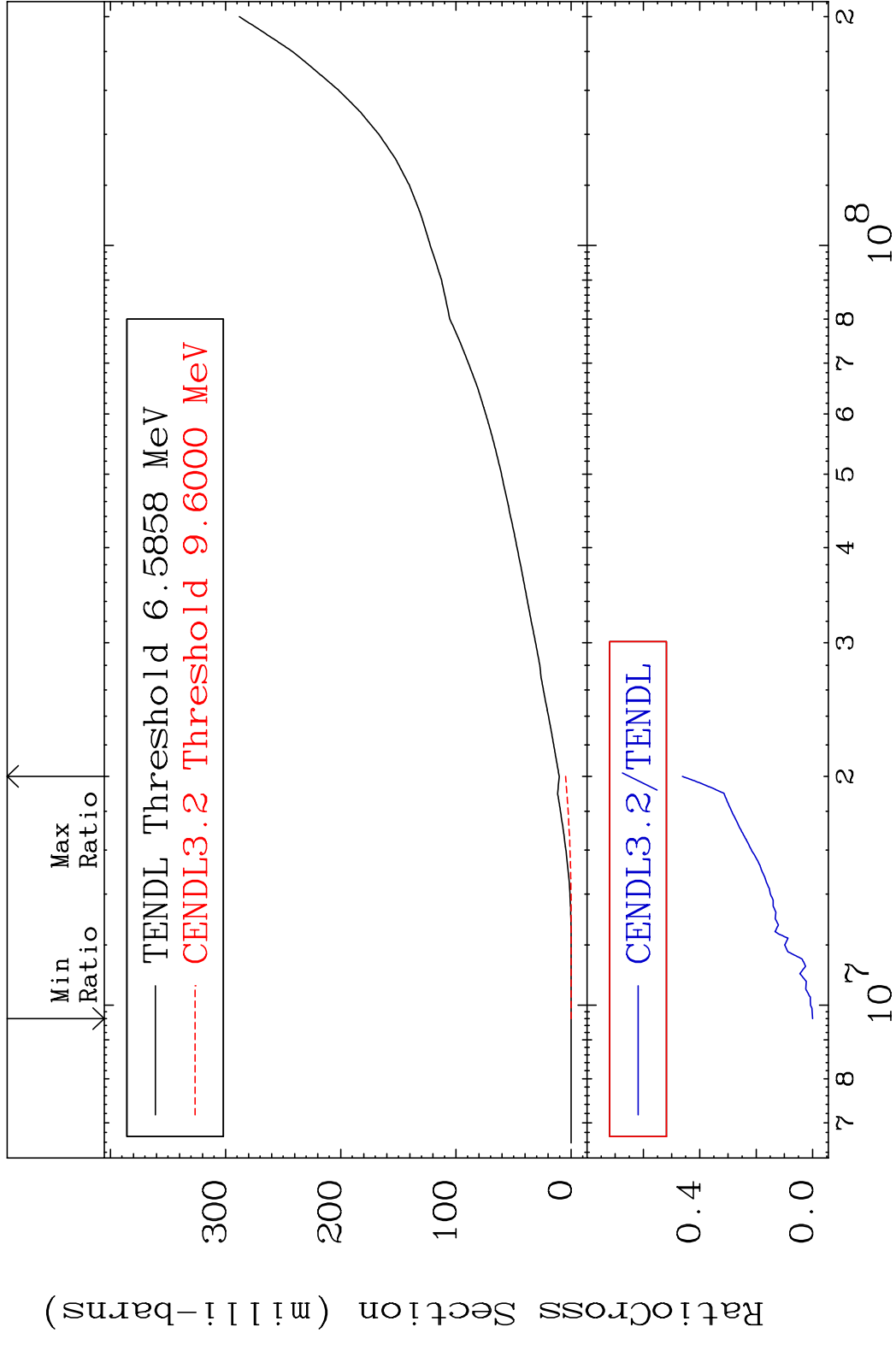
41

Incident Energy (eV)

50-Sn-115

MAT 5034

Deuterium Production 50-Sn-115
Cross Section -100.0 To -53.82%

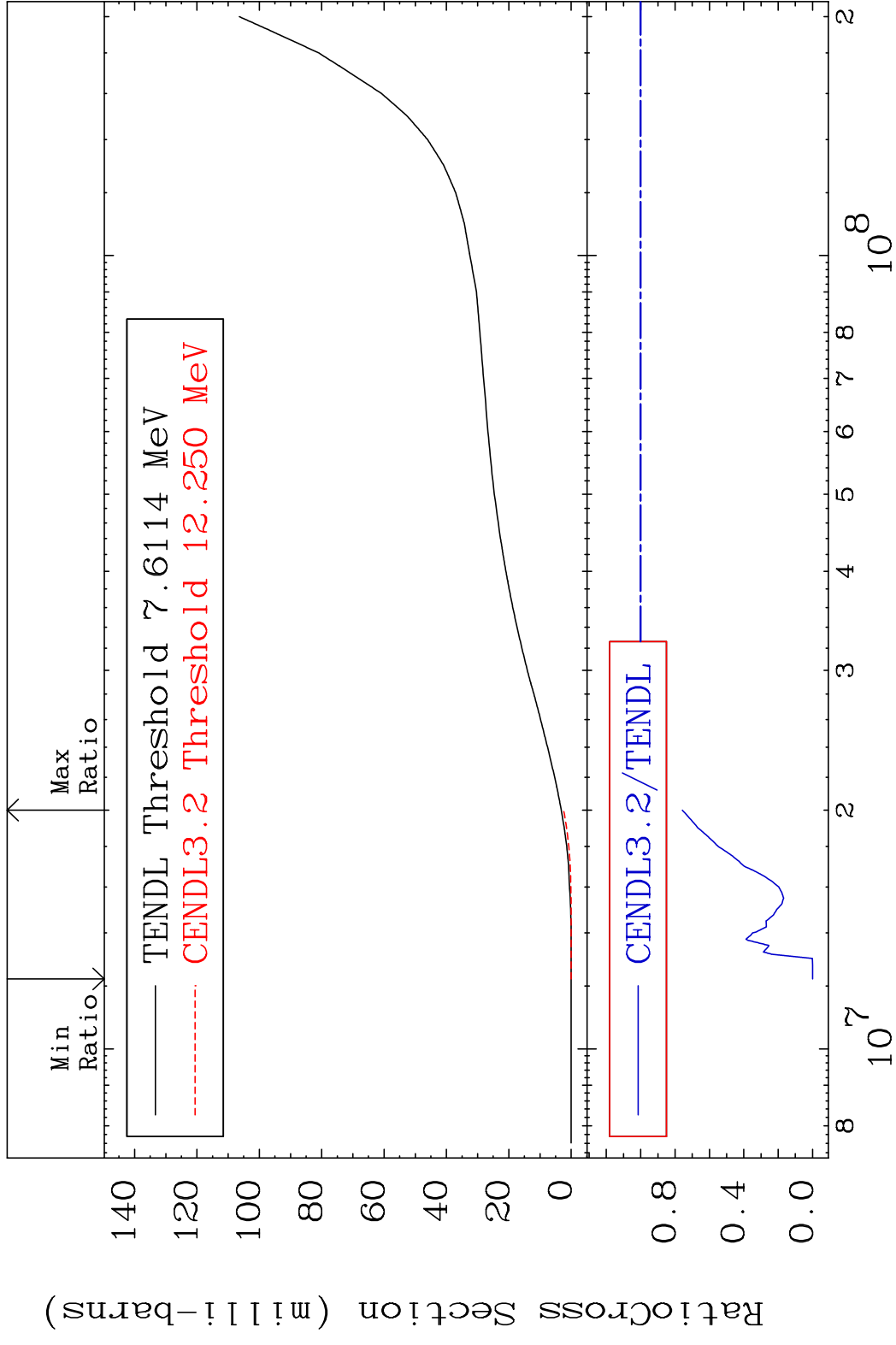


42

Incident Energy (eV) 50-Sn-115

MAT 5034

Tritium Production 50-Sn-115
Cross Section -100.0 To -24.24%



43

Incident Energy (eV)

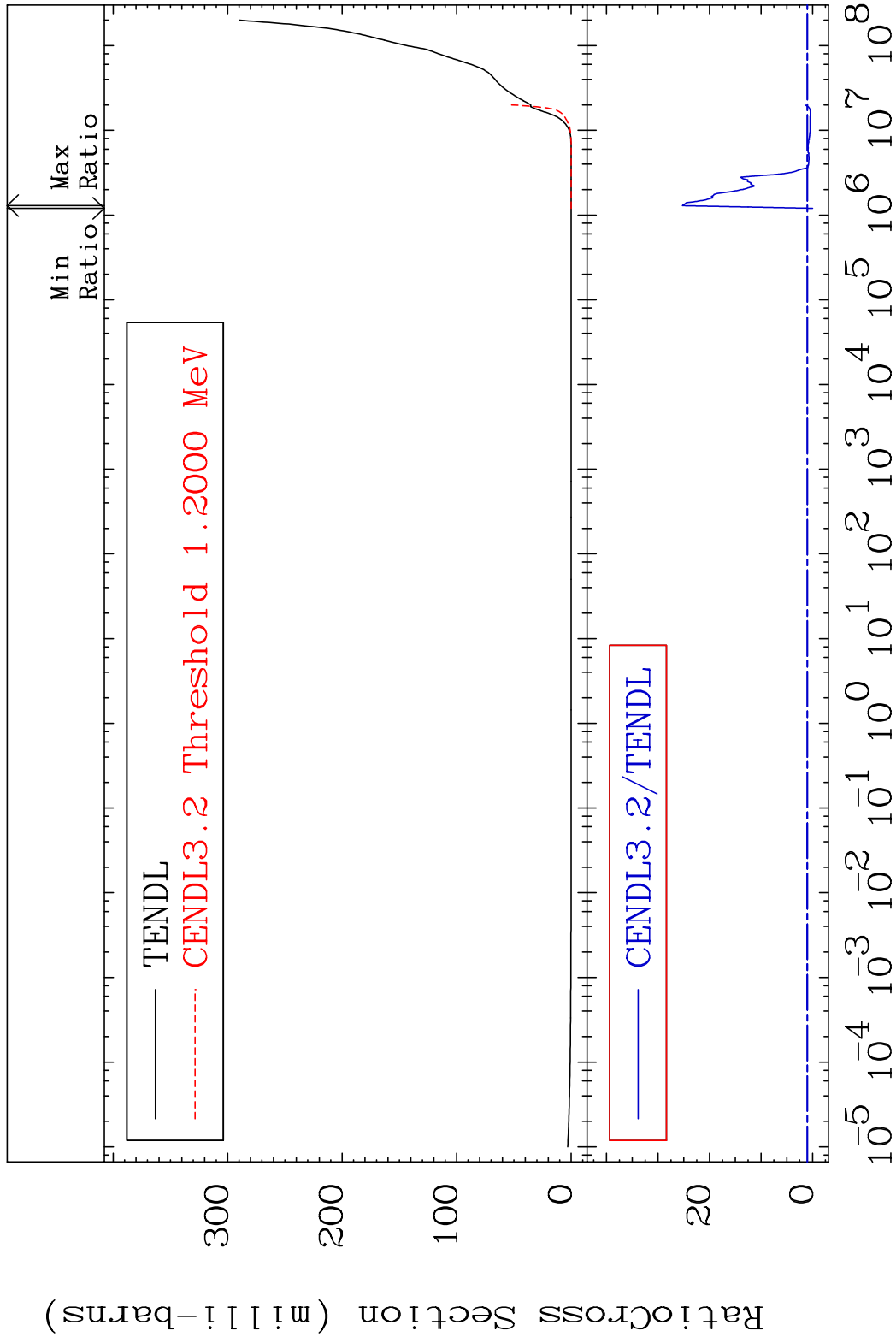
50-Sn-115

MAT 5034

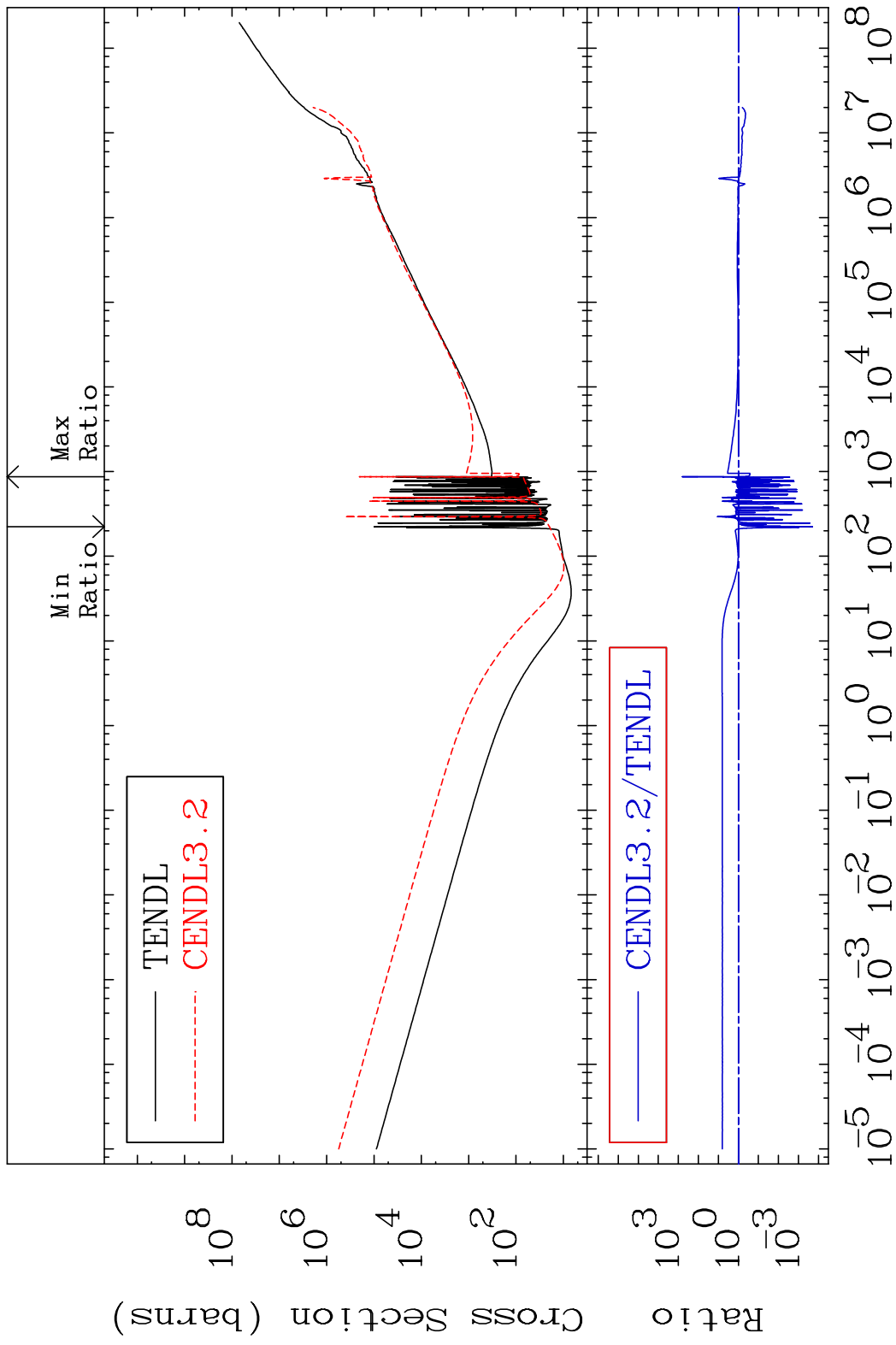
He-4 Production

50-Sn-115

Cross Section -100.0 To 2428. %



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

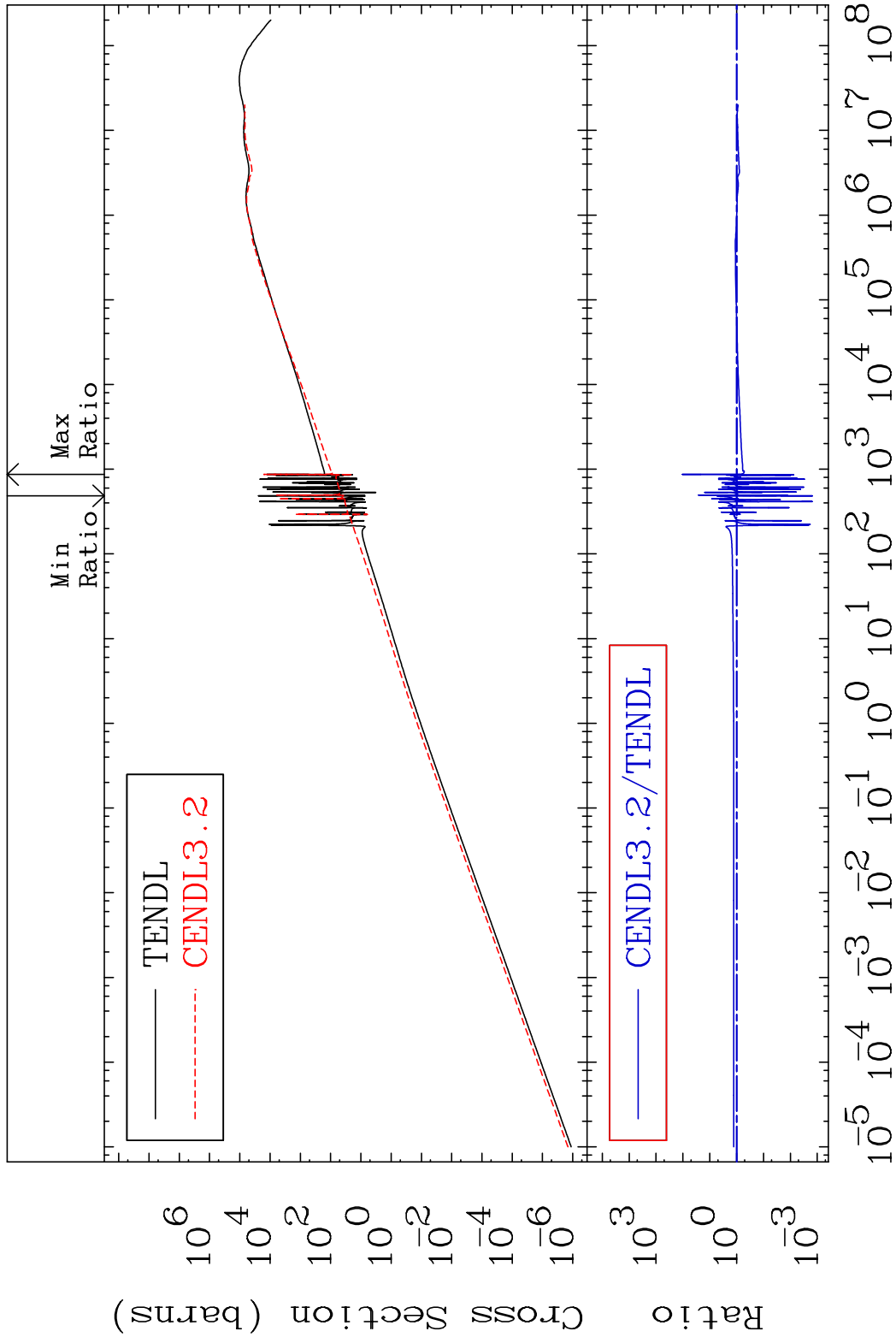


MAT 5034

Kerma elastic

50-Sn-115

Cross Section -99.85 To 9999. %

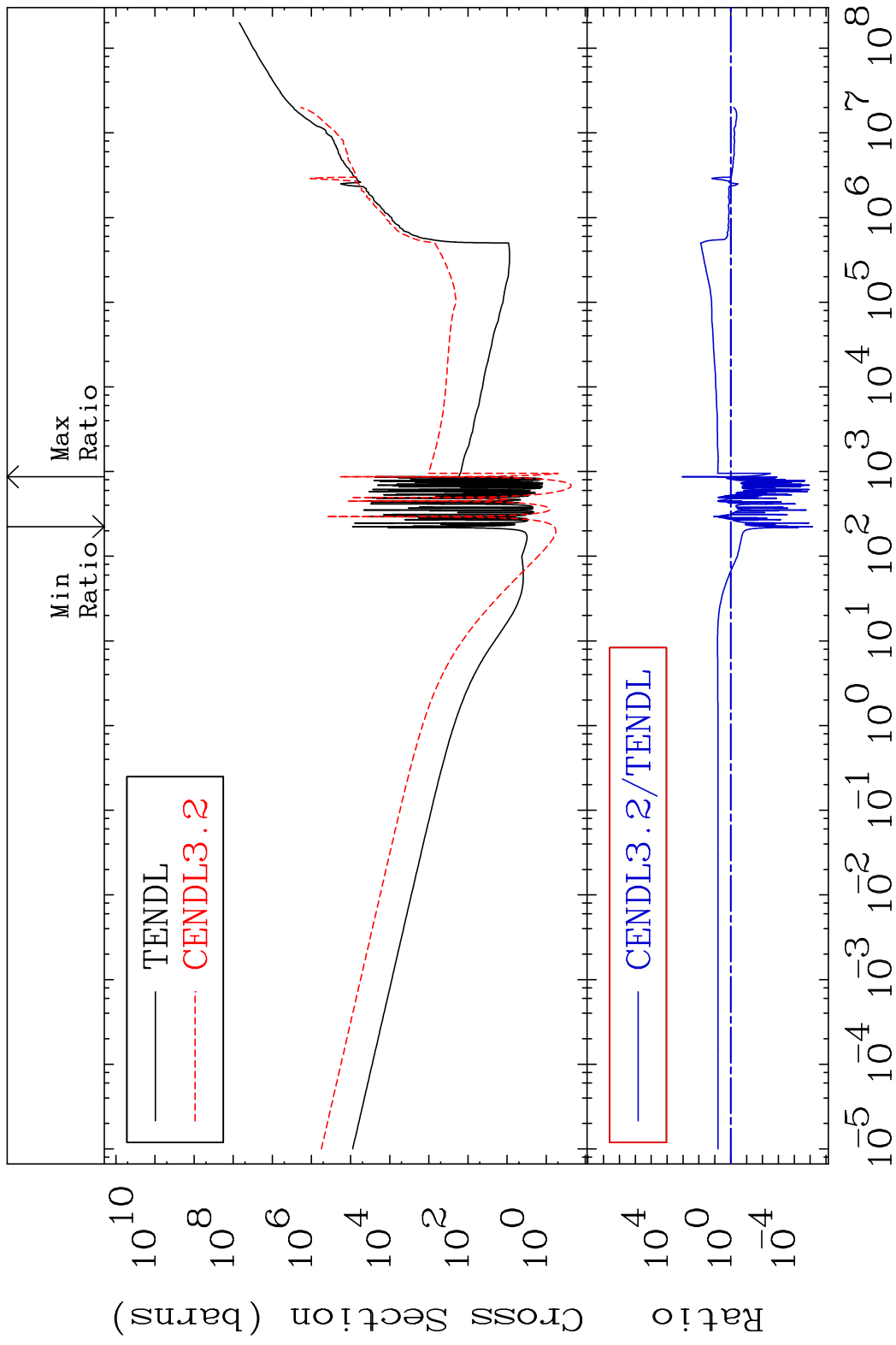


47

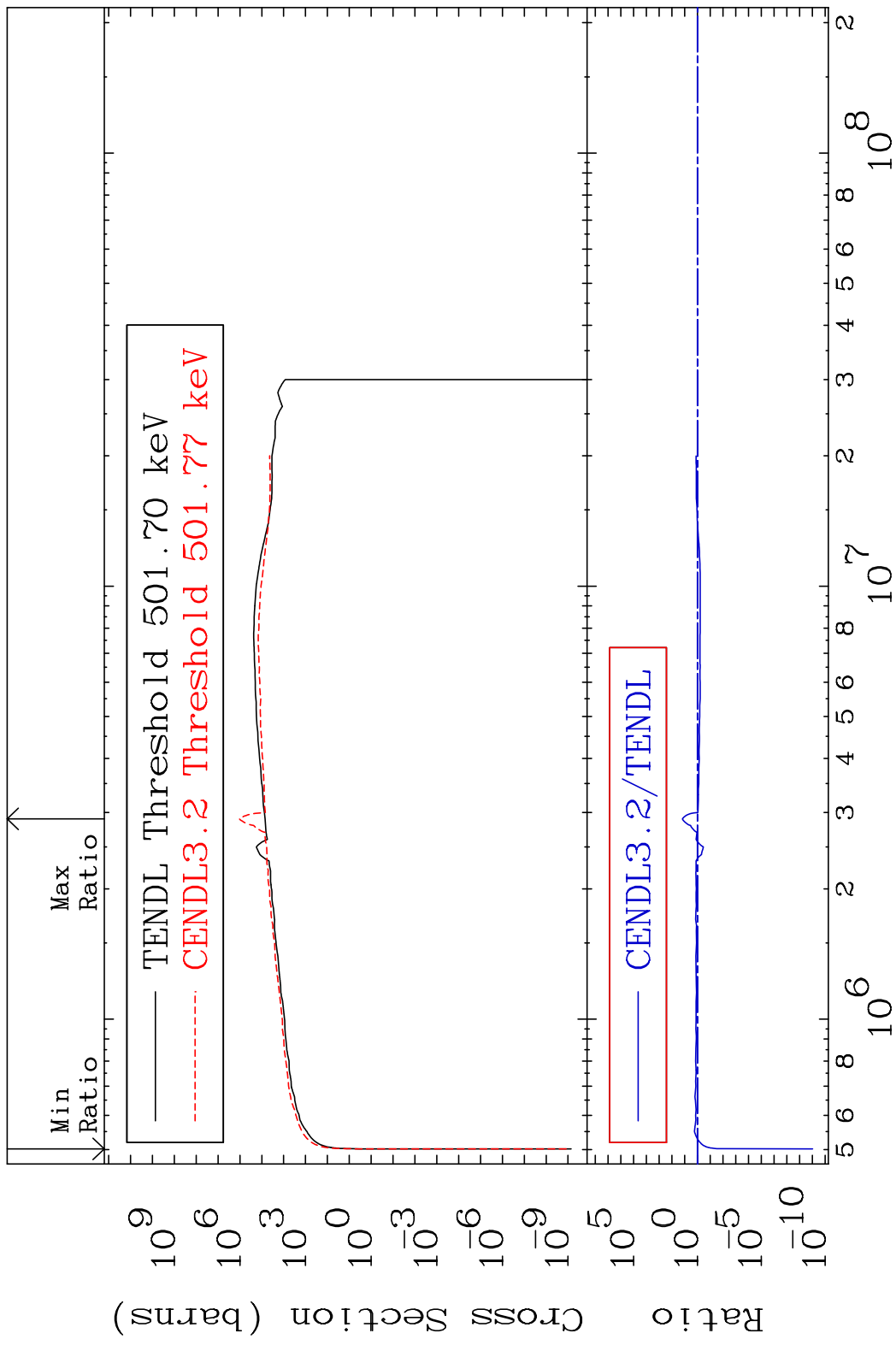
Incident Energy (eV)

50-Sn-115

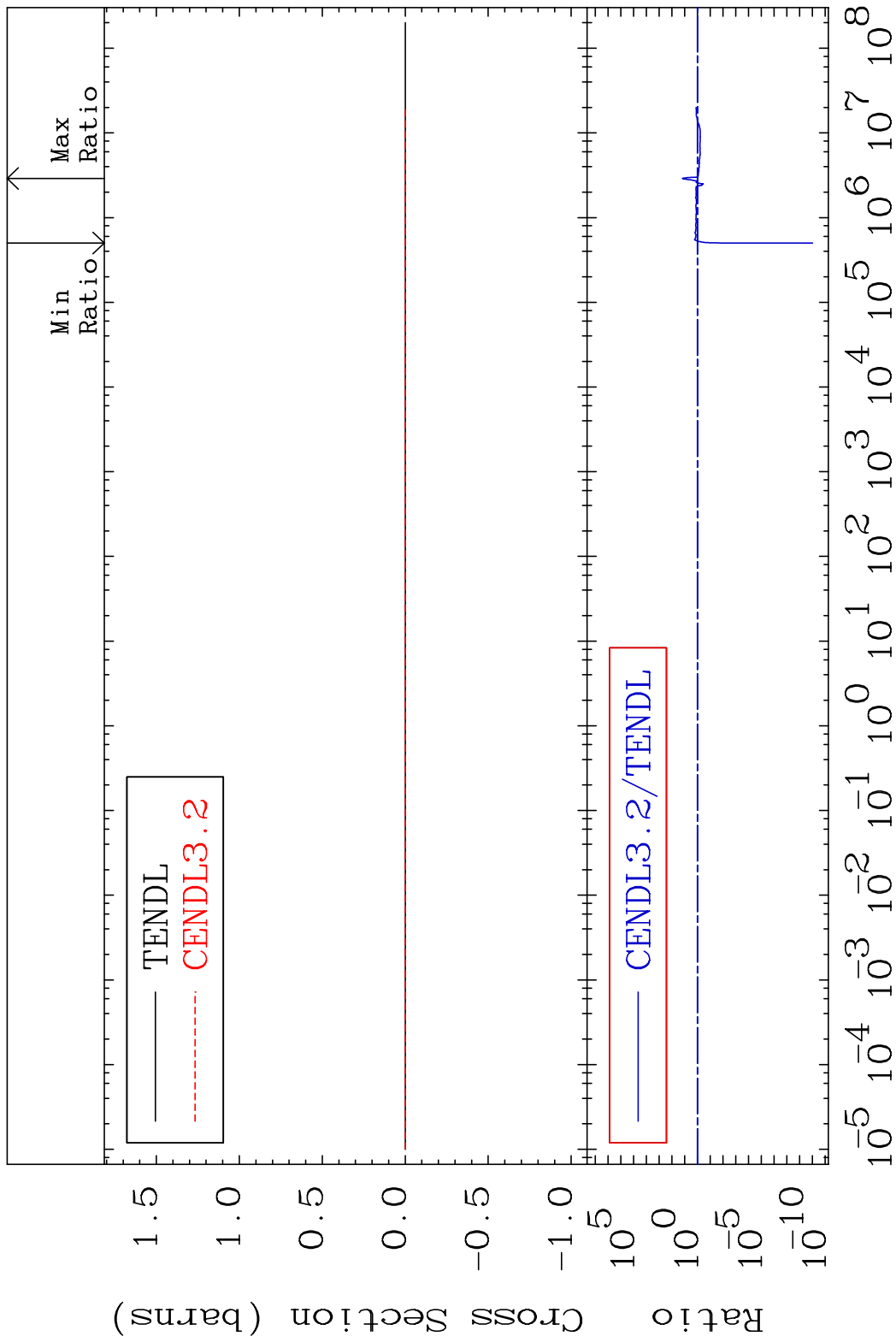
MAT 5034 Kerma non-elastic (all but mt2) 50-Sn-115
 Cross Section -100.0 To 9999. %



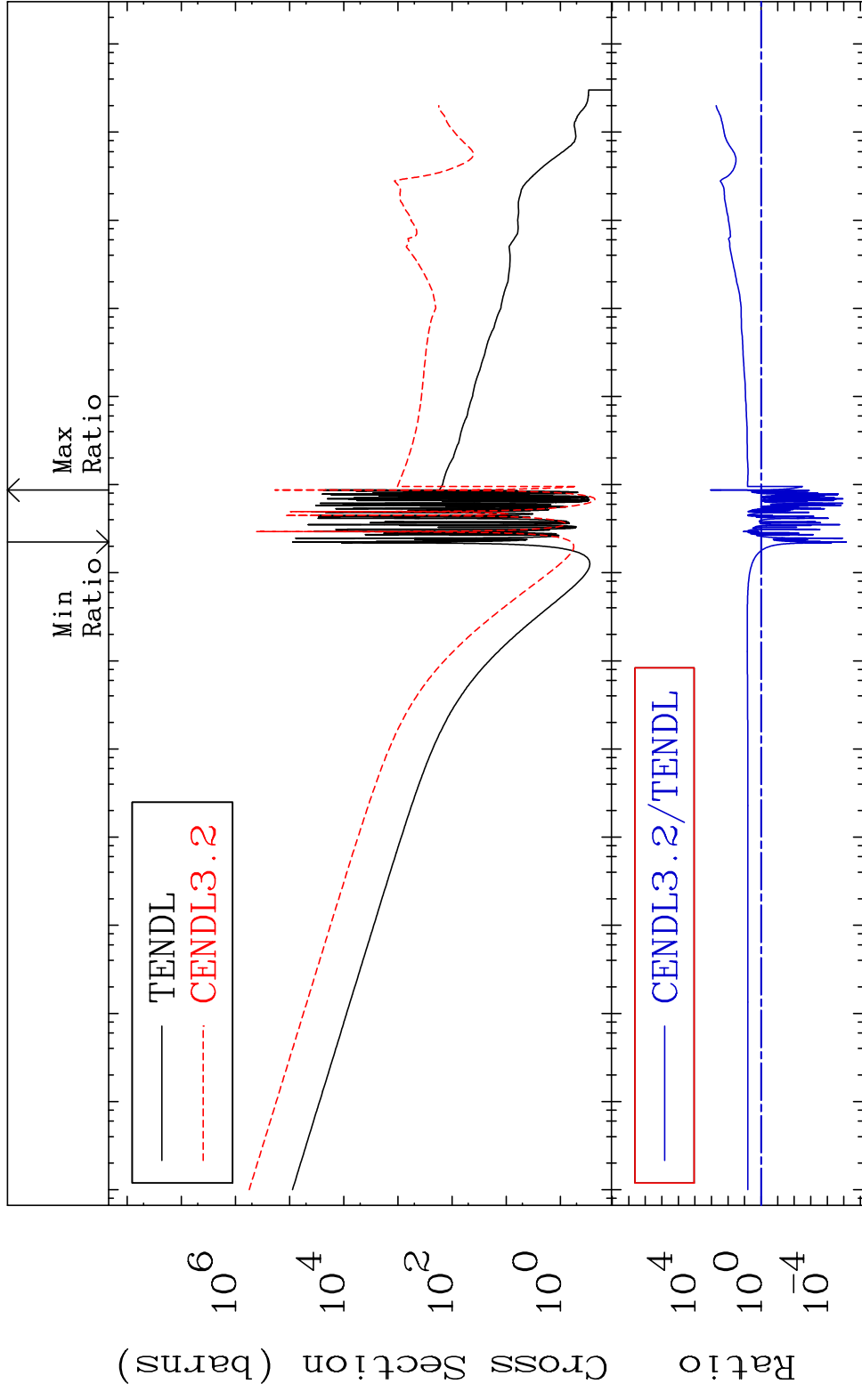
MAT 5034 Kerma inelastic (mt51-91) 50-Sn-115
 Cross Section -100.0 To 1406. %



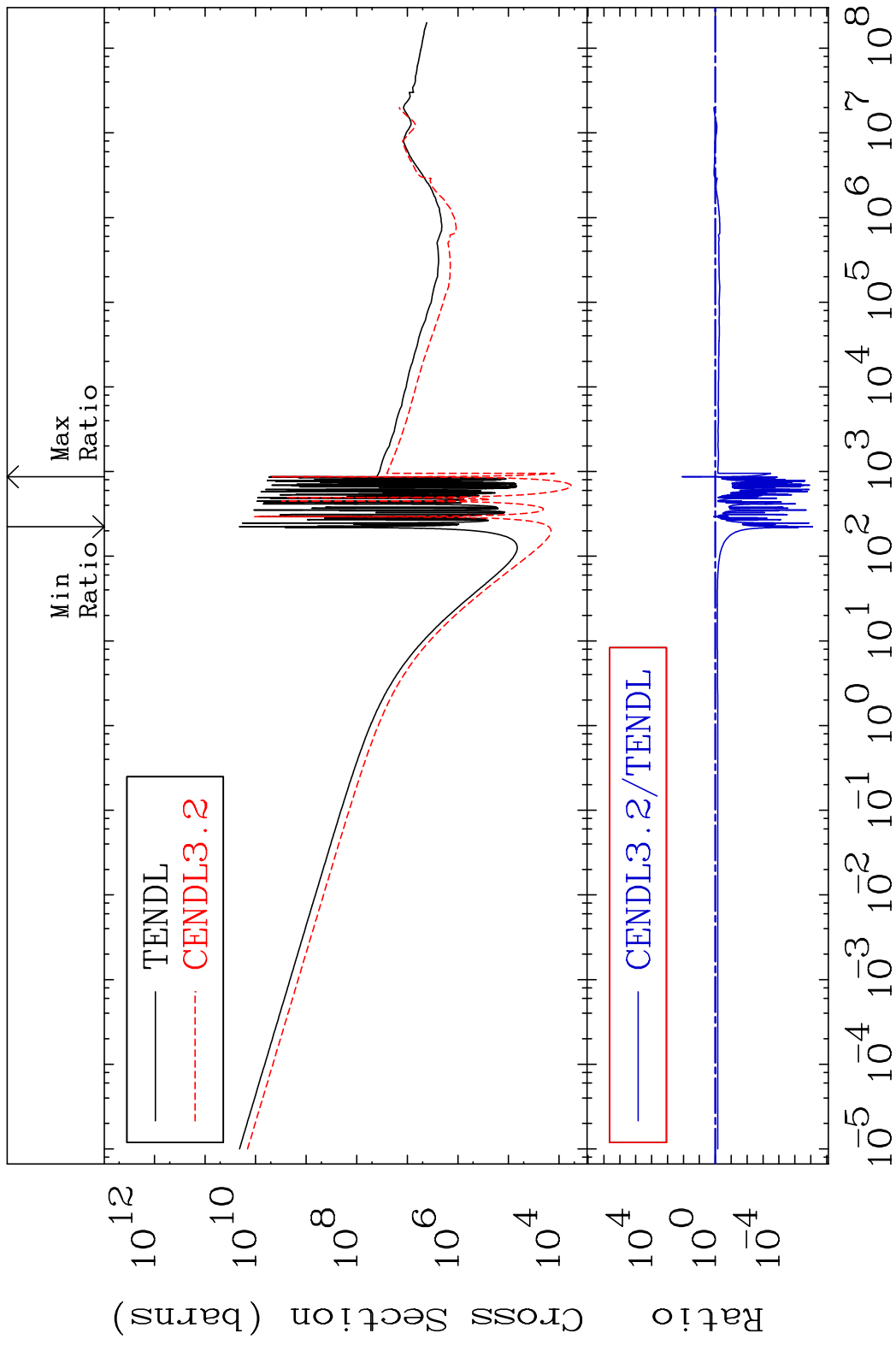
MAT 5034 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-115
 Cross Section -100.0 To 1406. %



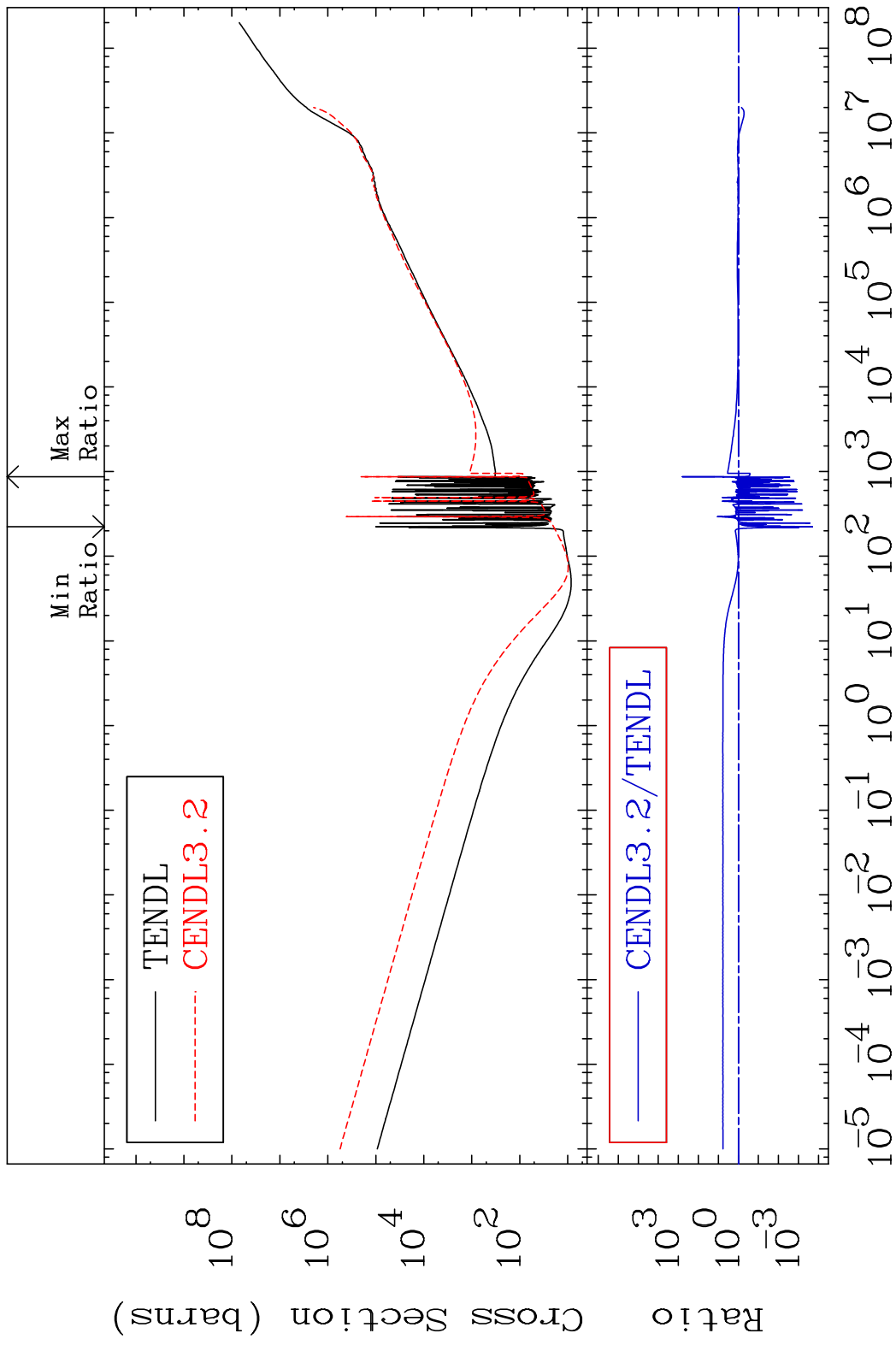
MAT 5034 Kerma capture (mt102) 50-Sn-115
 Cross Section -100.0 To 9999. %



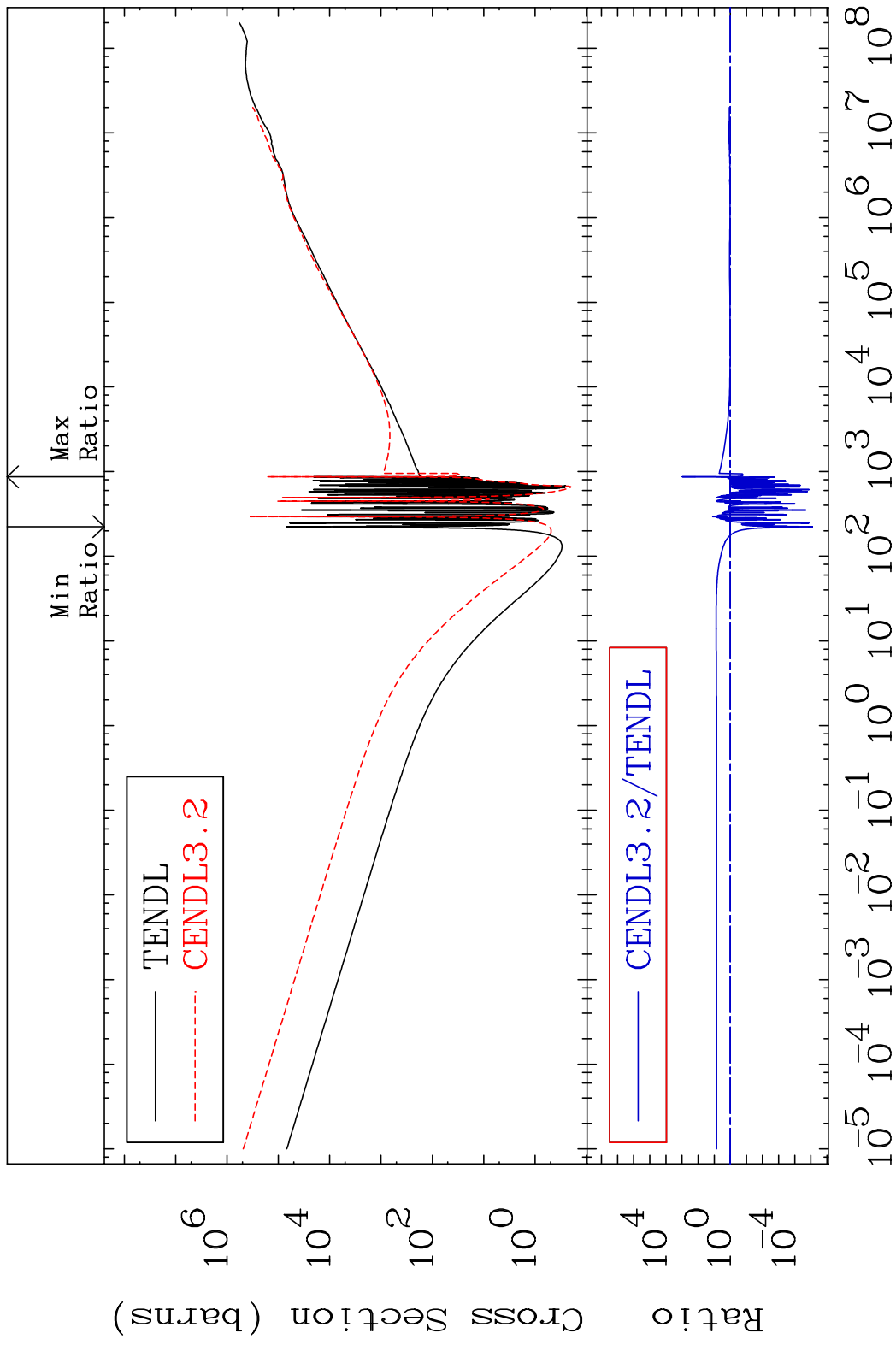
MAT 5034 Total photon (eV-barns) 50-Sn-115
 Cross Section -100.0 To 9999. %



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. %

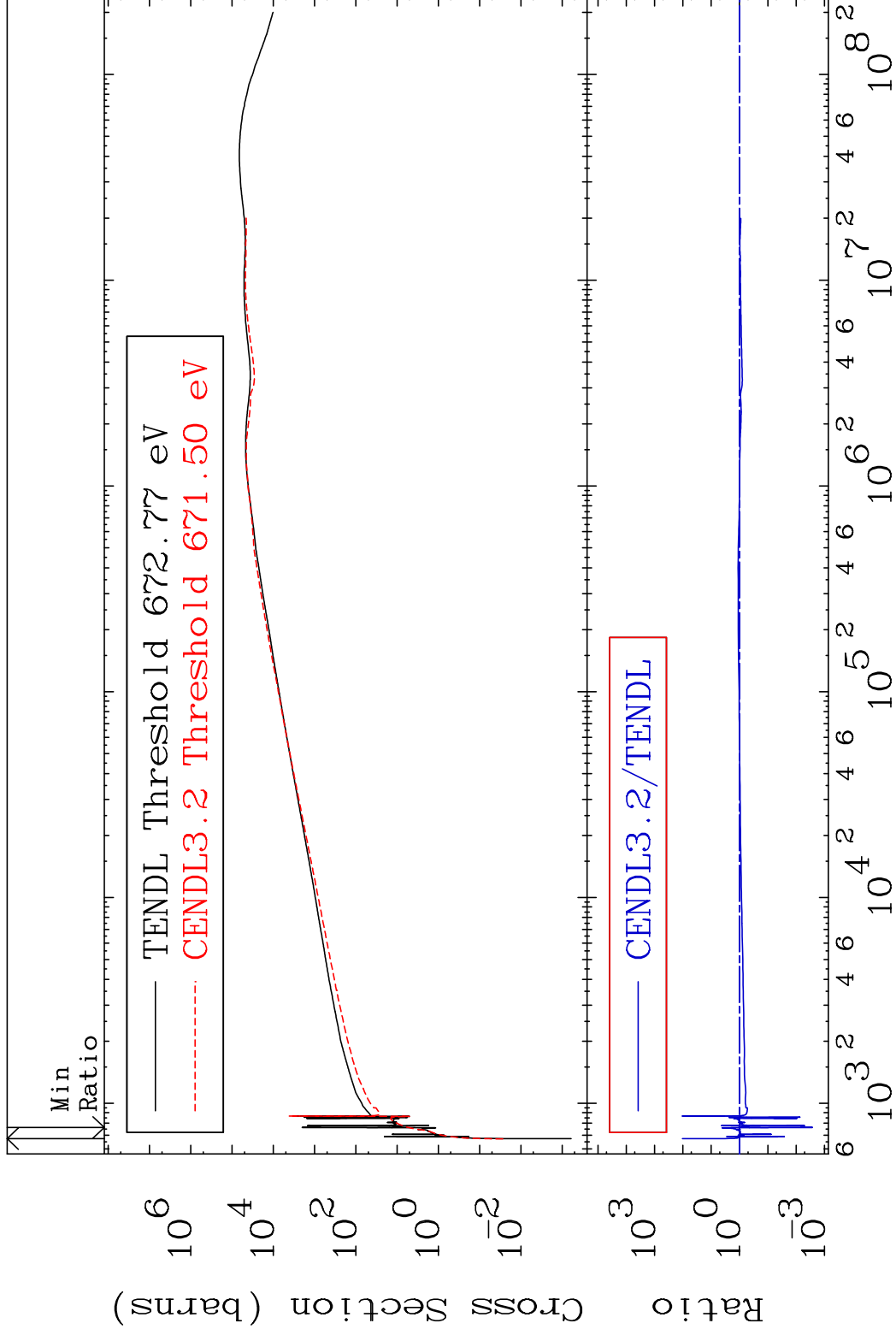


MAT 5034

Dpa elastic (mt2)

50-Sn-115

Cross Section -99.74 To 9999. %

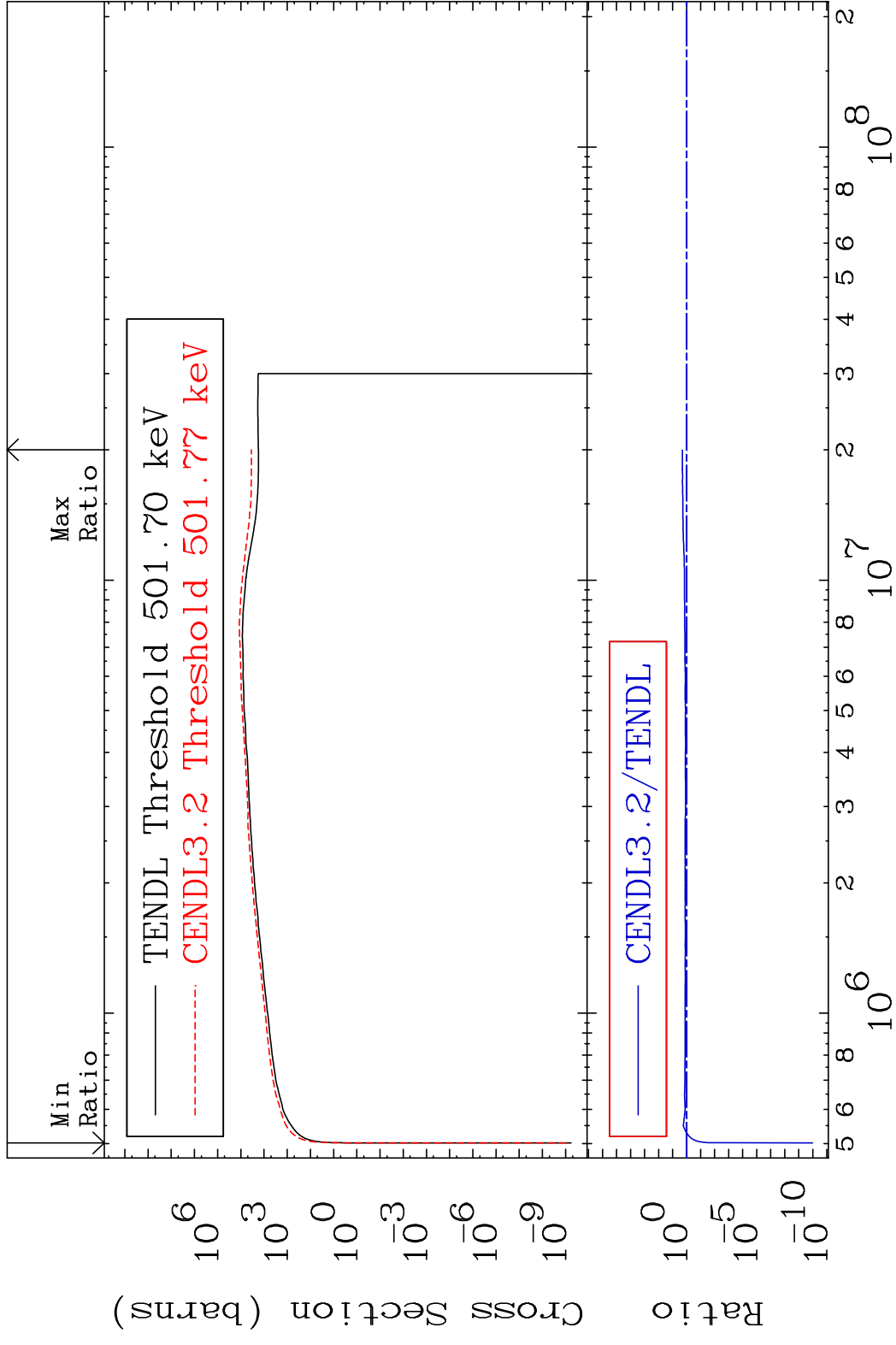


55

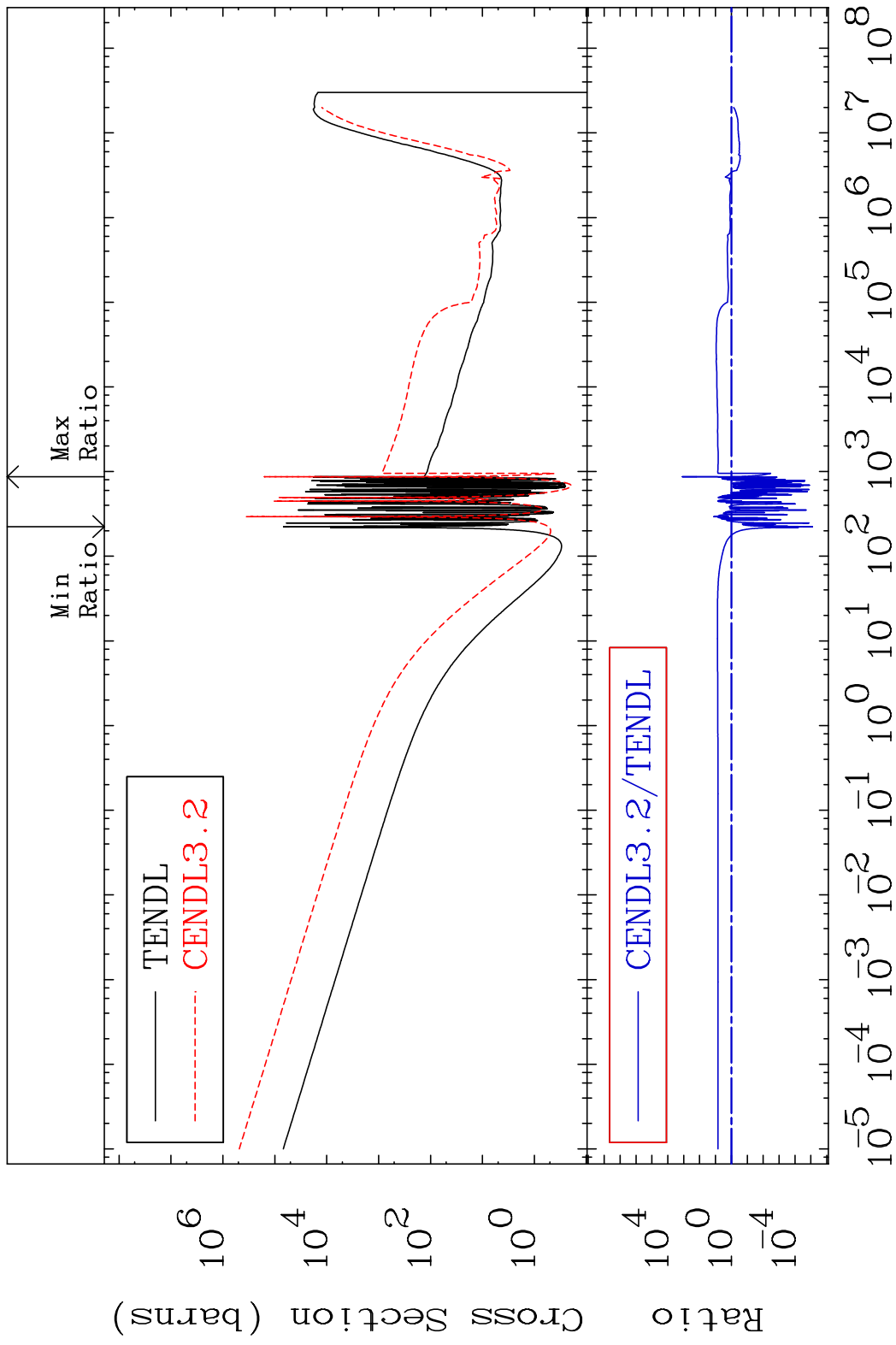
Incident Energy (eV)

50-Sn-115

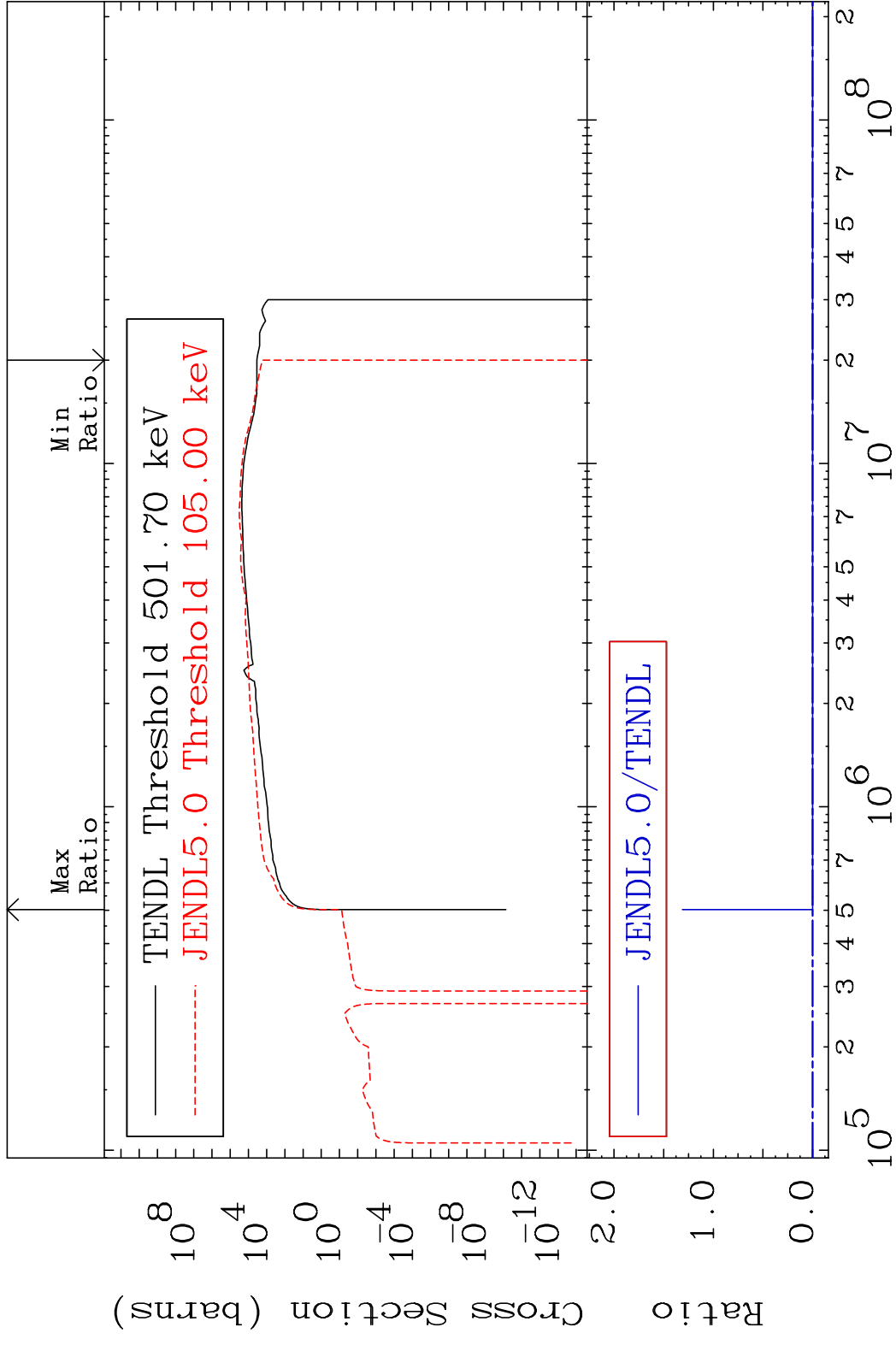
MAT 5034 Dpa inelastic (mt51-91) 50-Sn-115
 Cross Section -100.0 To 101.4 %



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

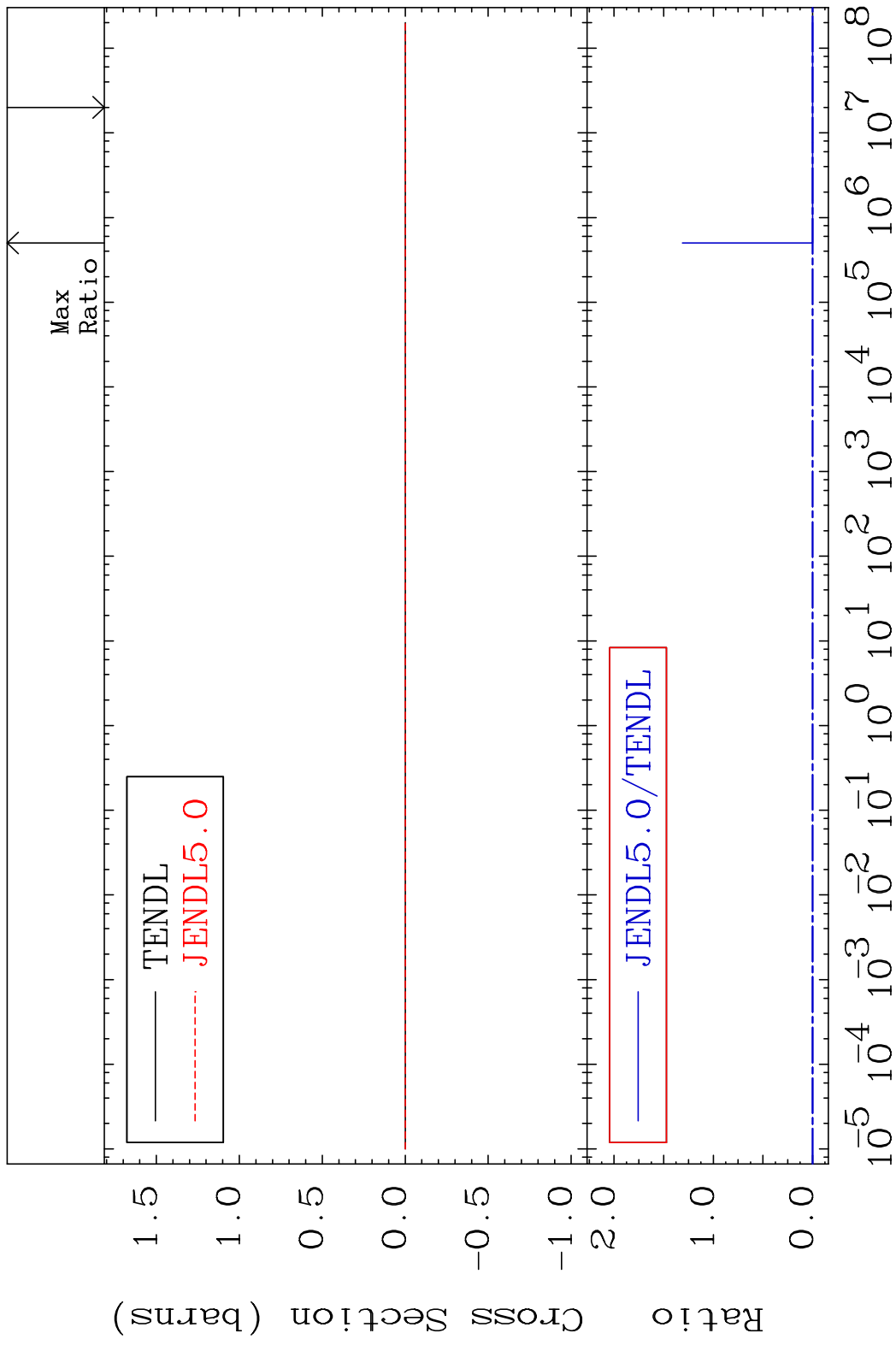


MAT 5034 Kerma inelastic (mt51-91) 50-Sn-115
 Cross Section -100.0 To 9999. %

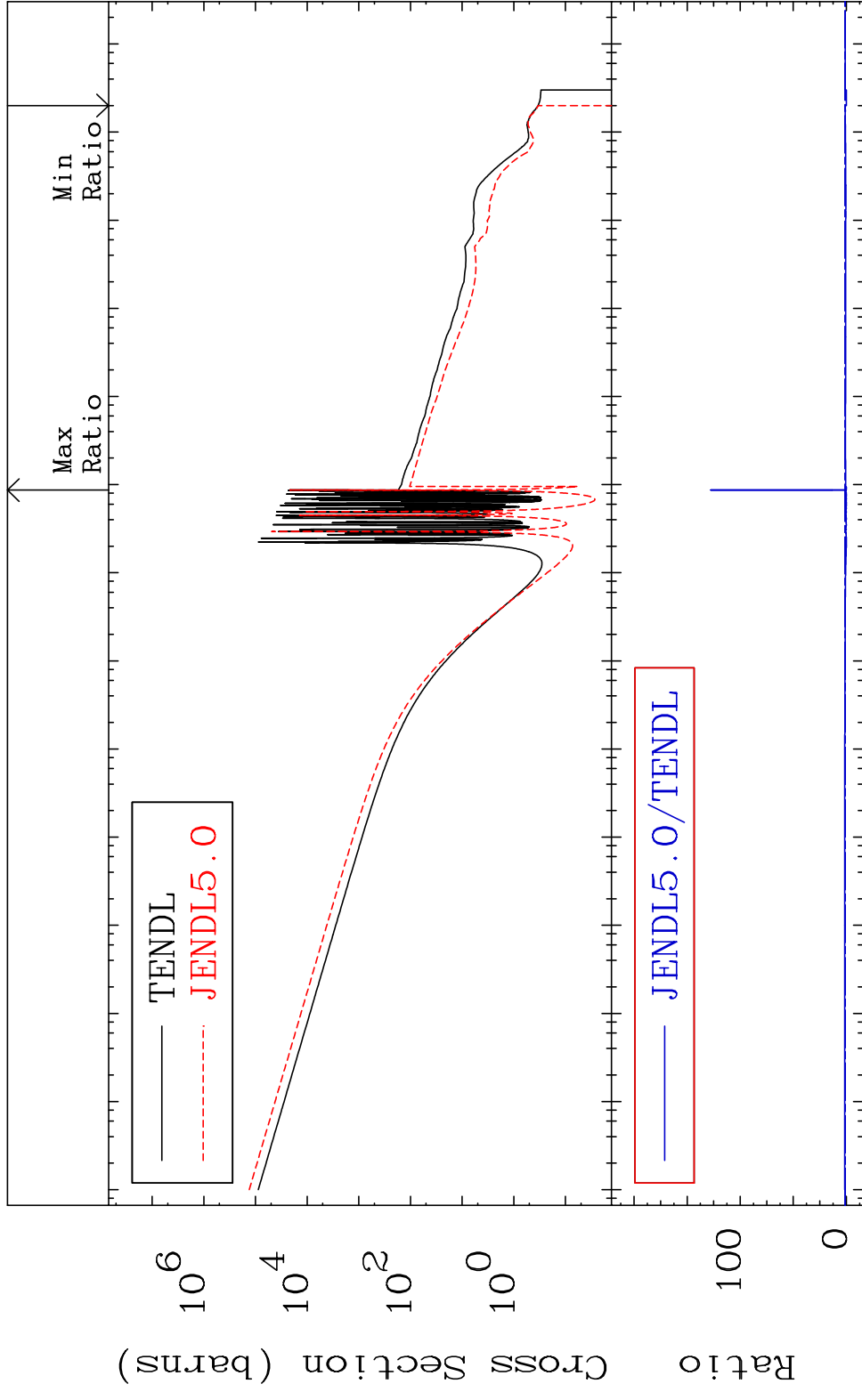


58 Incident Energy (eV) 50-Sn-115

MAT 5034 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-115
 Cross Section -100.0 To 9999. %

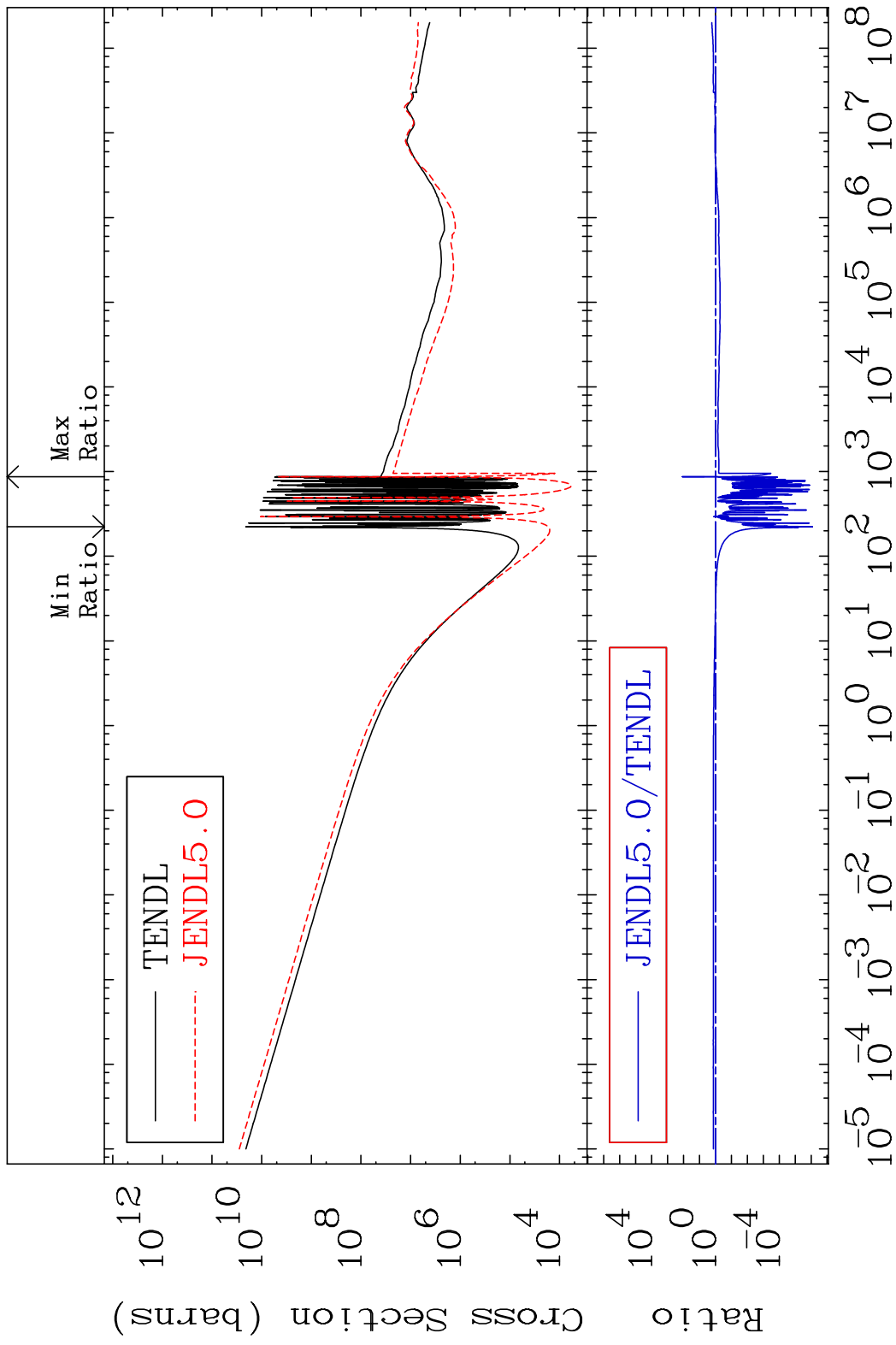


MAT 5034 Kerma capture (mt102) 50-Sn-115
 Cross Section -100.0 To 9999. %



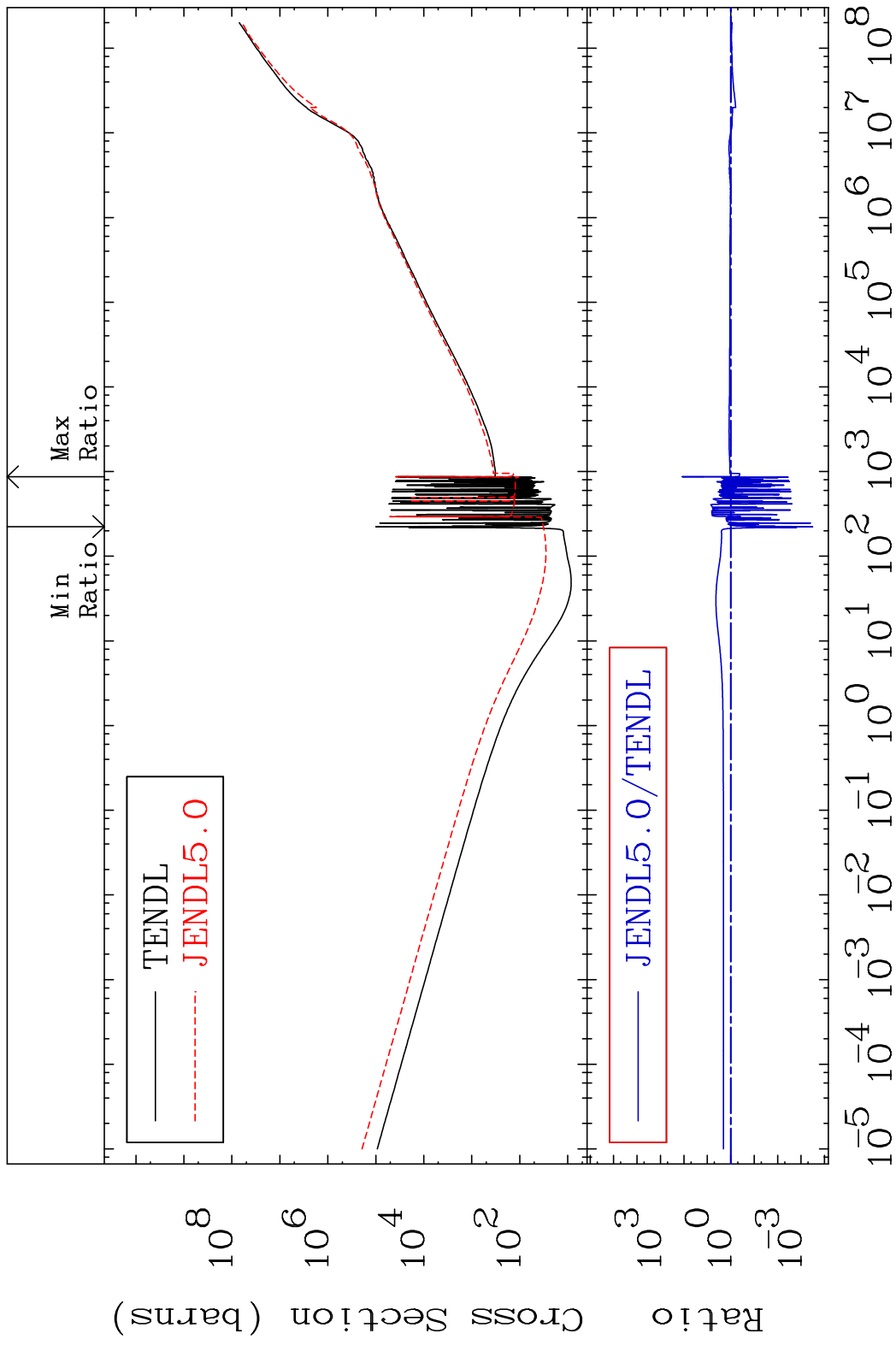
60 Incident Energy (eV) 50-Sn-115

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

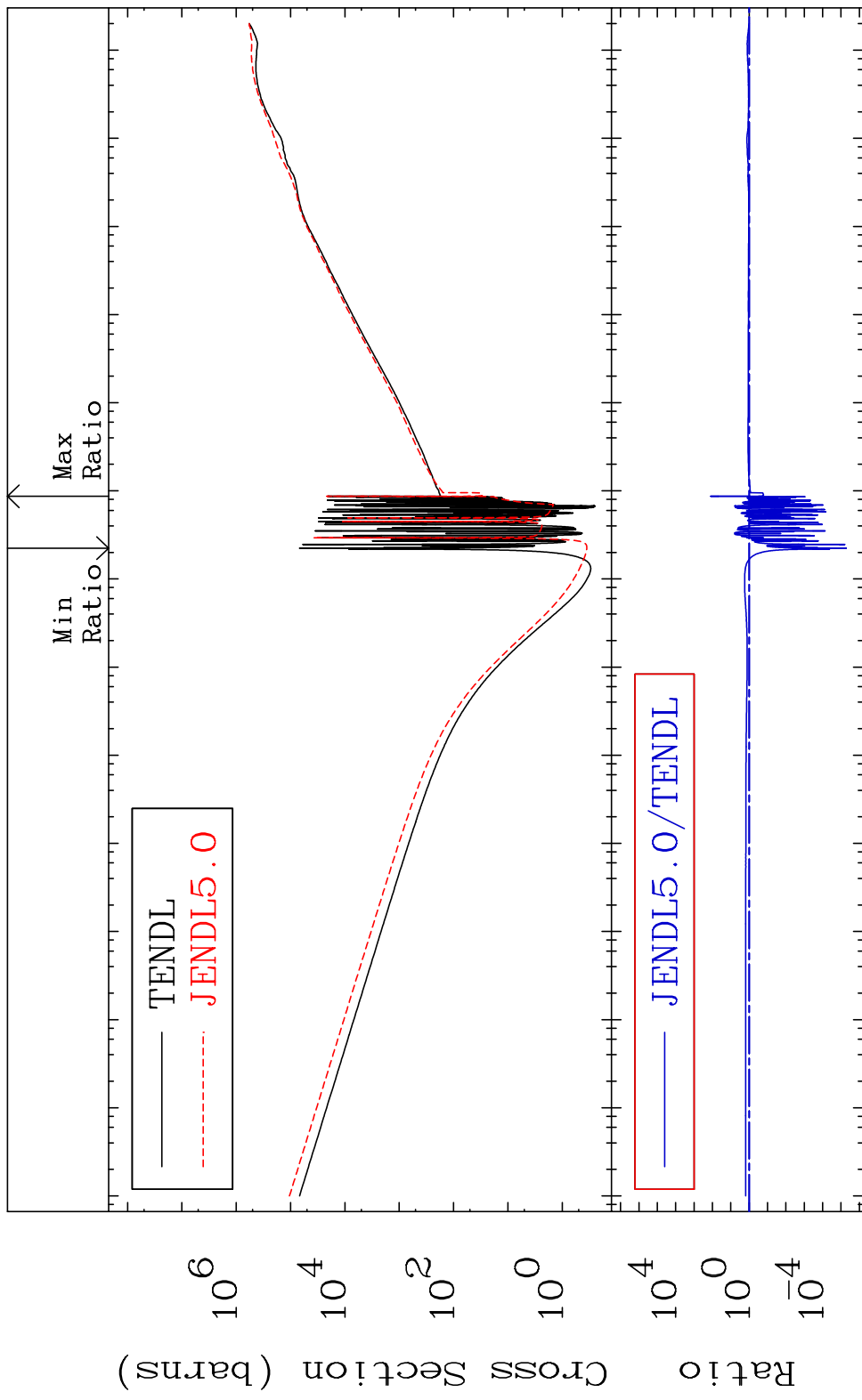


61 Incident Energy (eV) 50-Sn-115

MAT 5034 Total kinematic kerma (high limit) 50-Sn-115
 Cross Section -99.97 To 9999. %



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



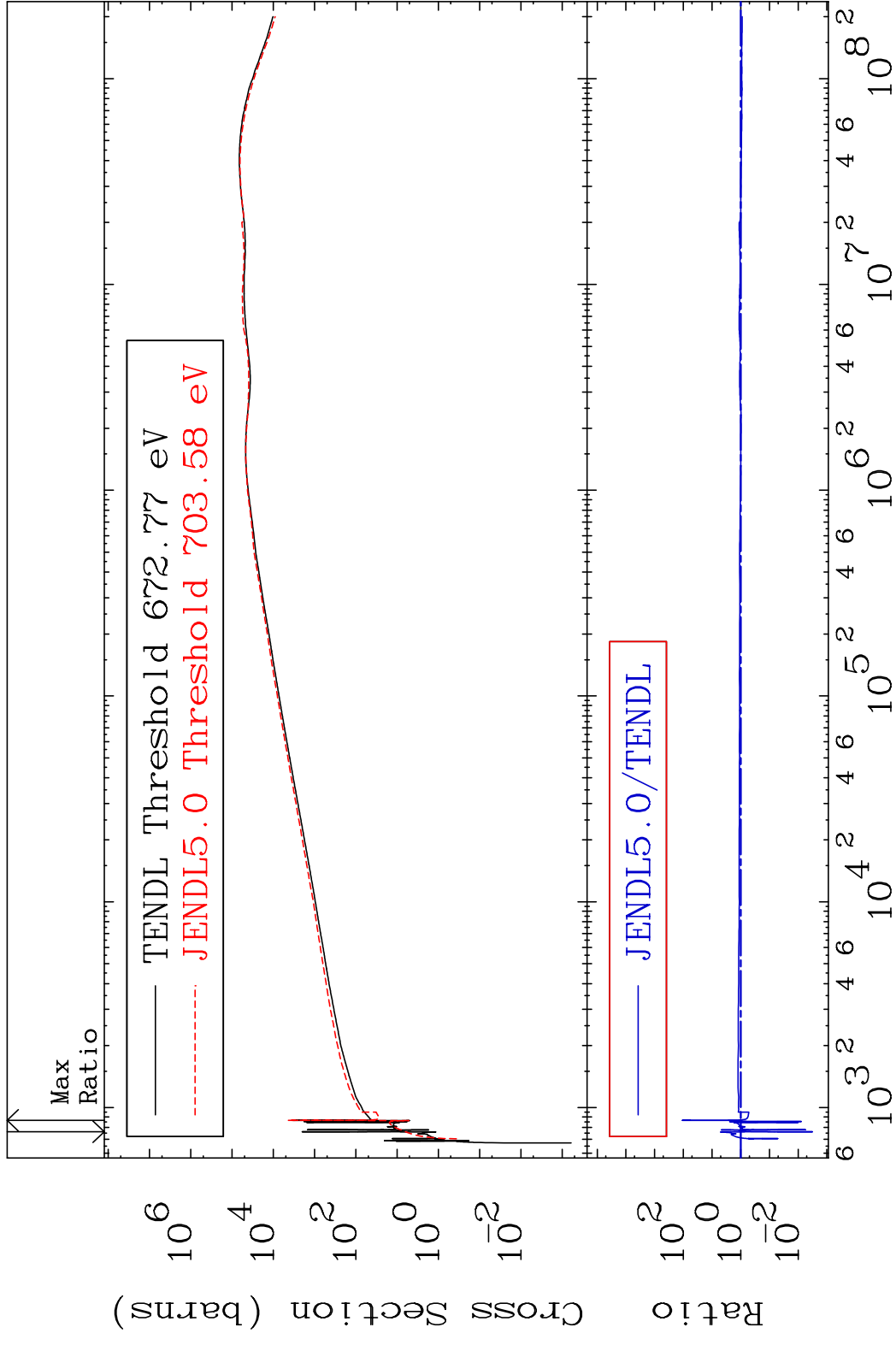
63 Incident Energy (eV) 50-Sn-115

MAT 5034

Dpa elastic (mt2)

50-Sn-115

Cross Section -99.69 To 9999. %

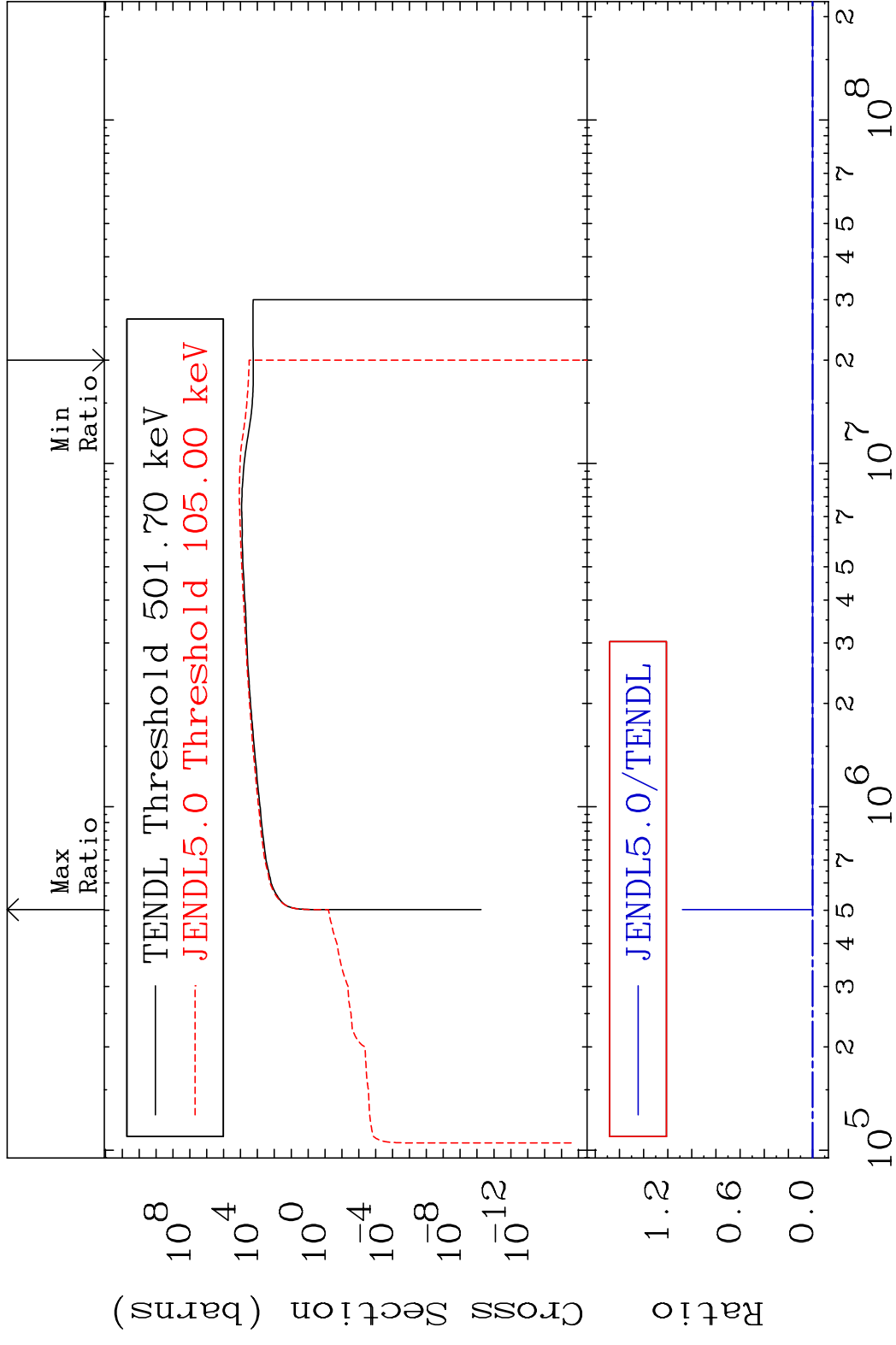


64

Incident Energy (eV)

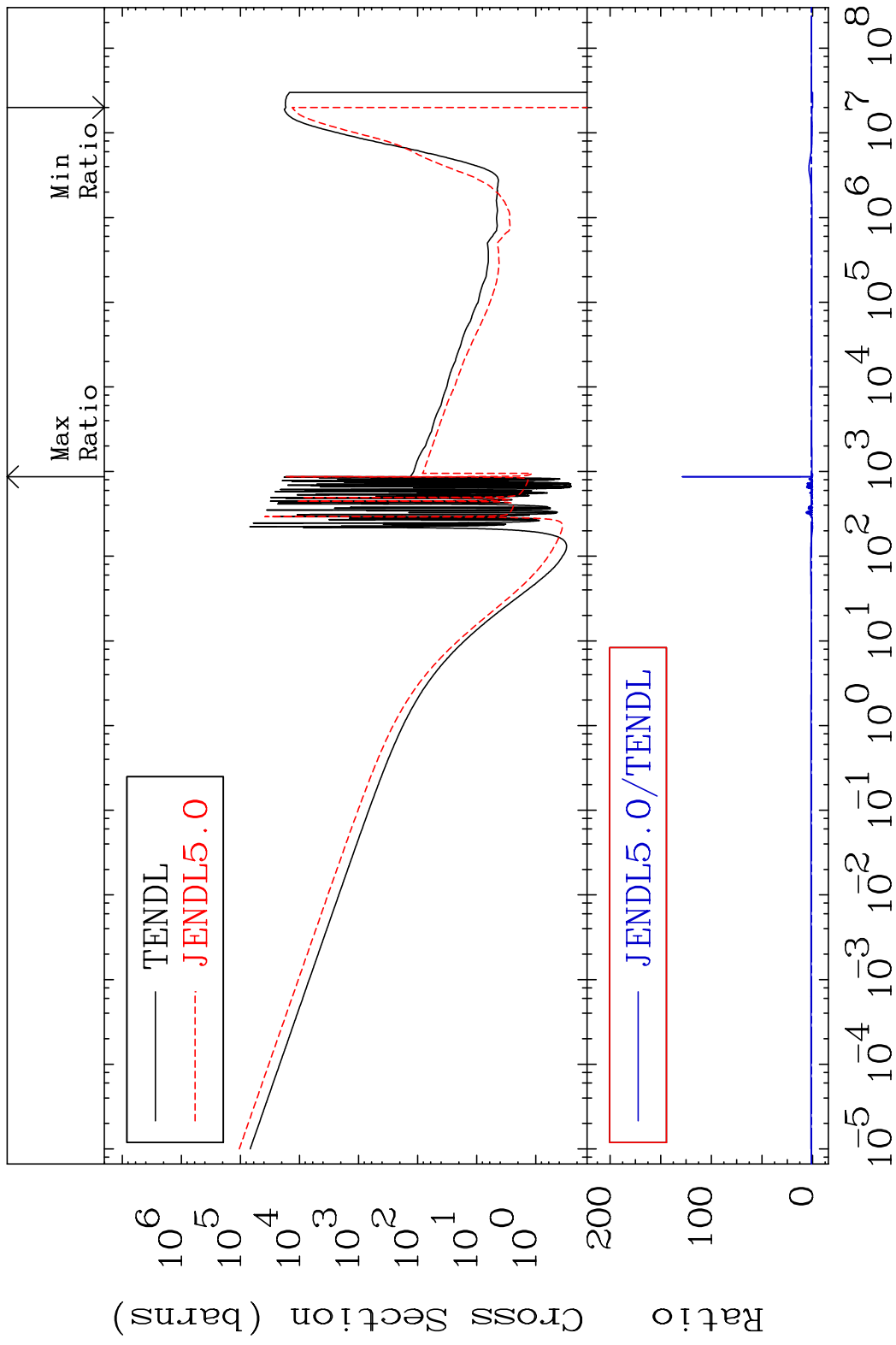
50-Sn-115

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

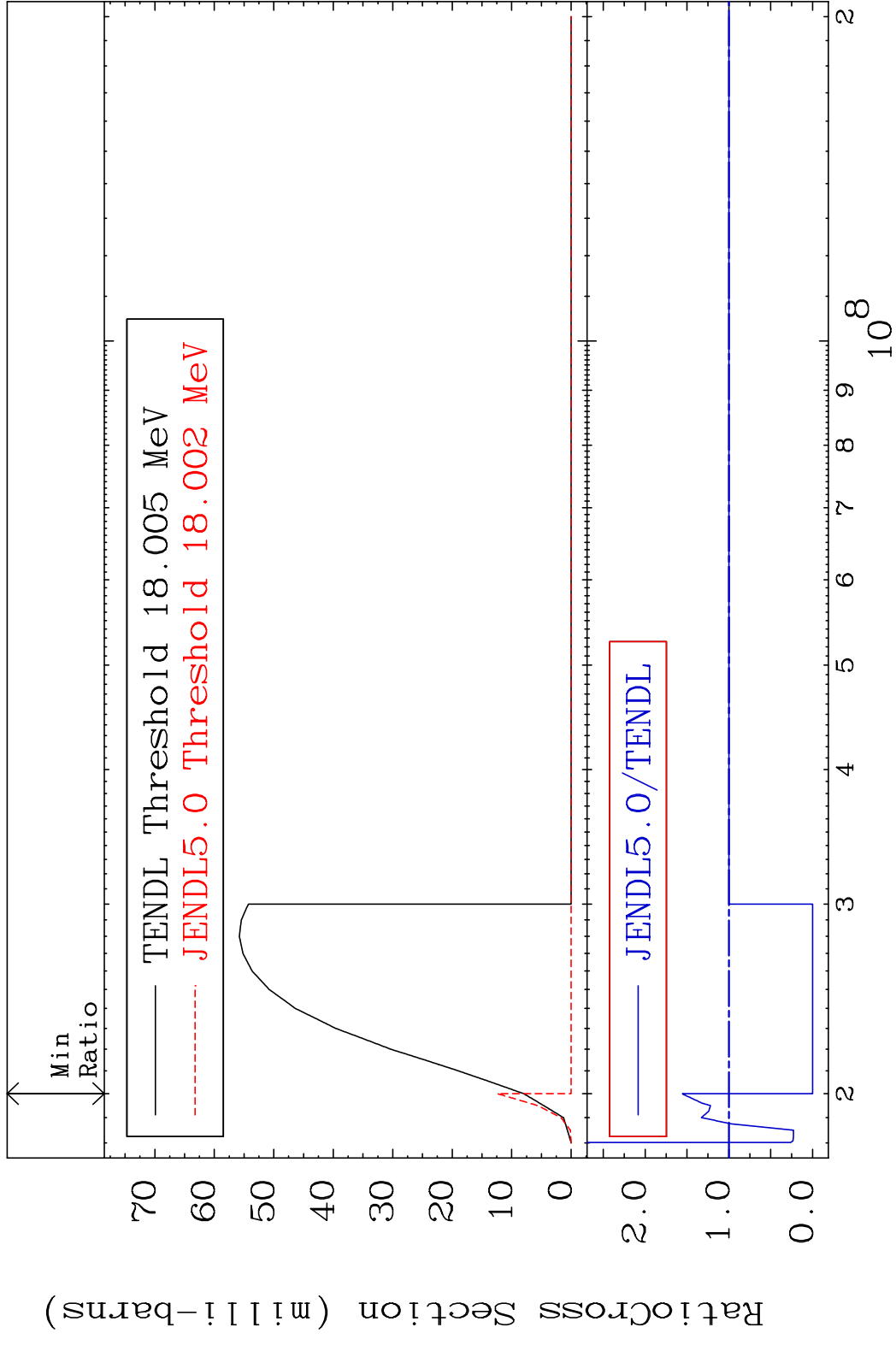


65 Incident Energy (eV) 50-Sn-115

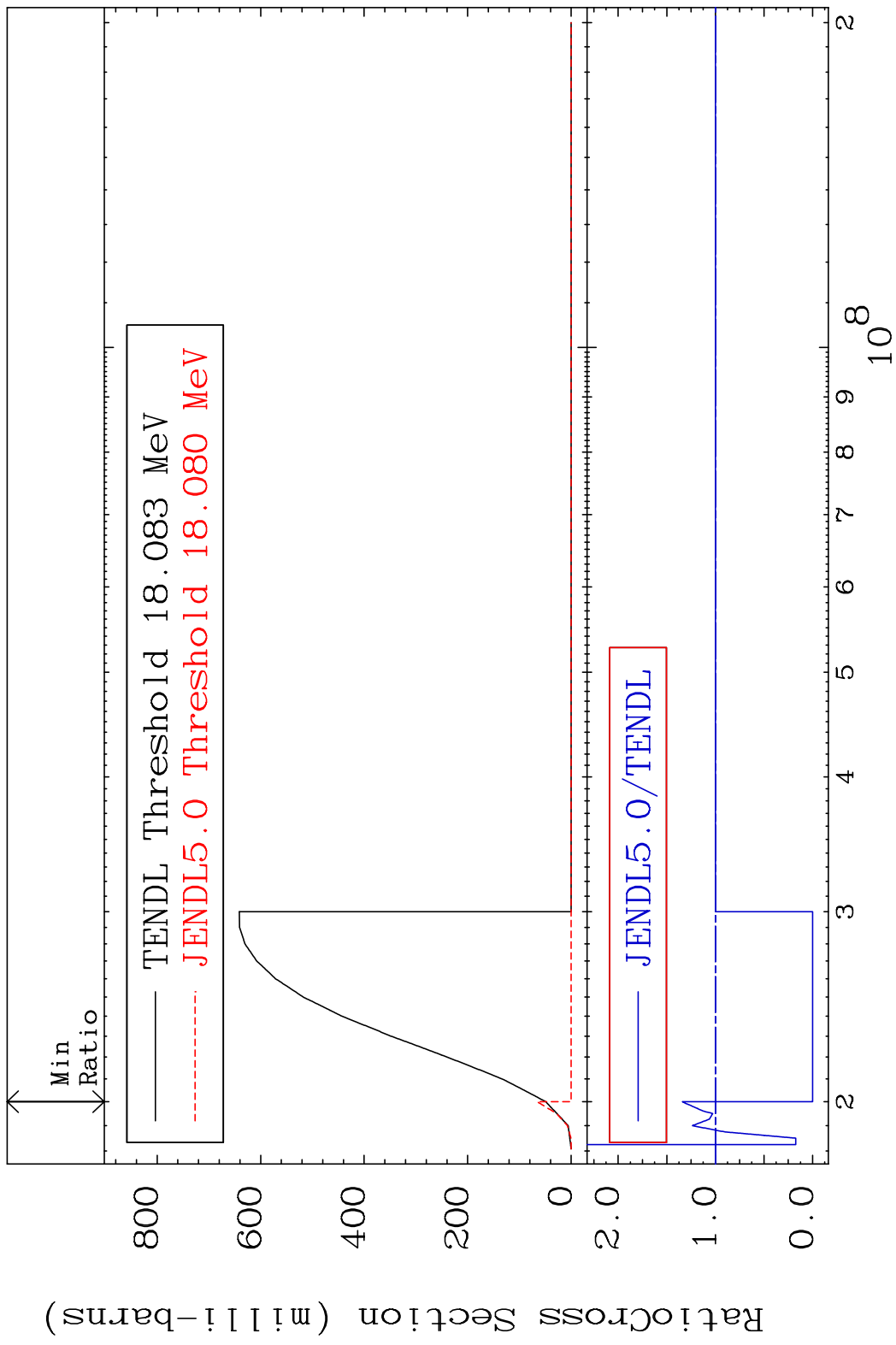
MAT 5034 Dpa disappearance (mt102 -120) 50-Sn-115
 Cross Section -100.0 To 9999. %



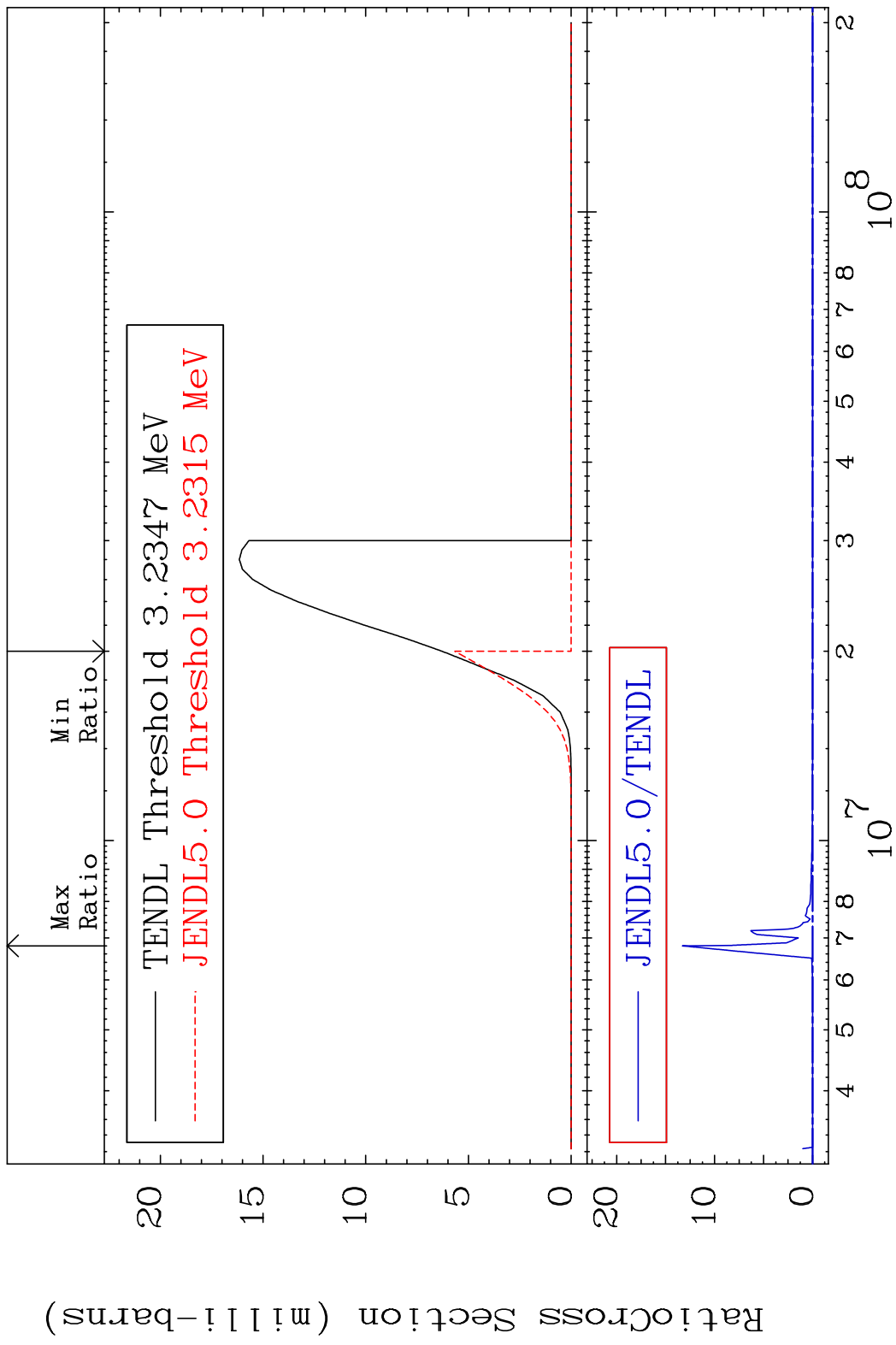
MAT 5034 (n,3n):50-Sn-113g 50-Sn-115
 Radionuclide Production Cross Section 18.002 MeV 55.60 %



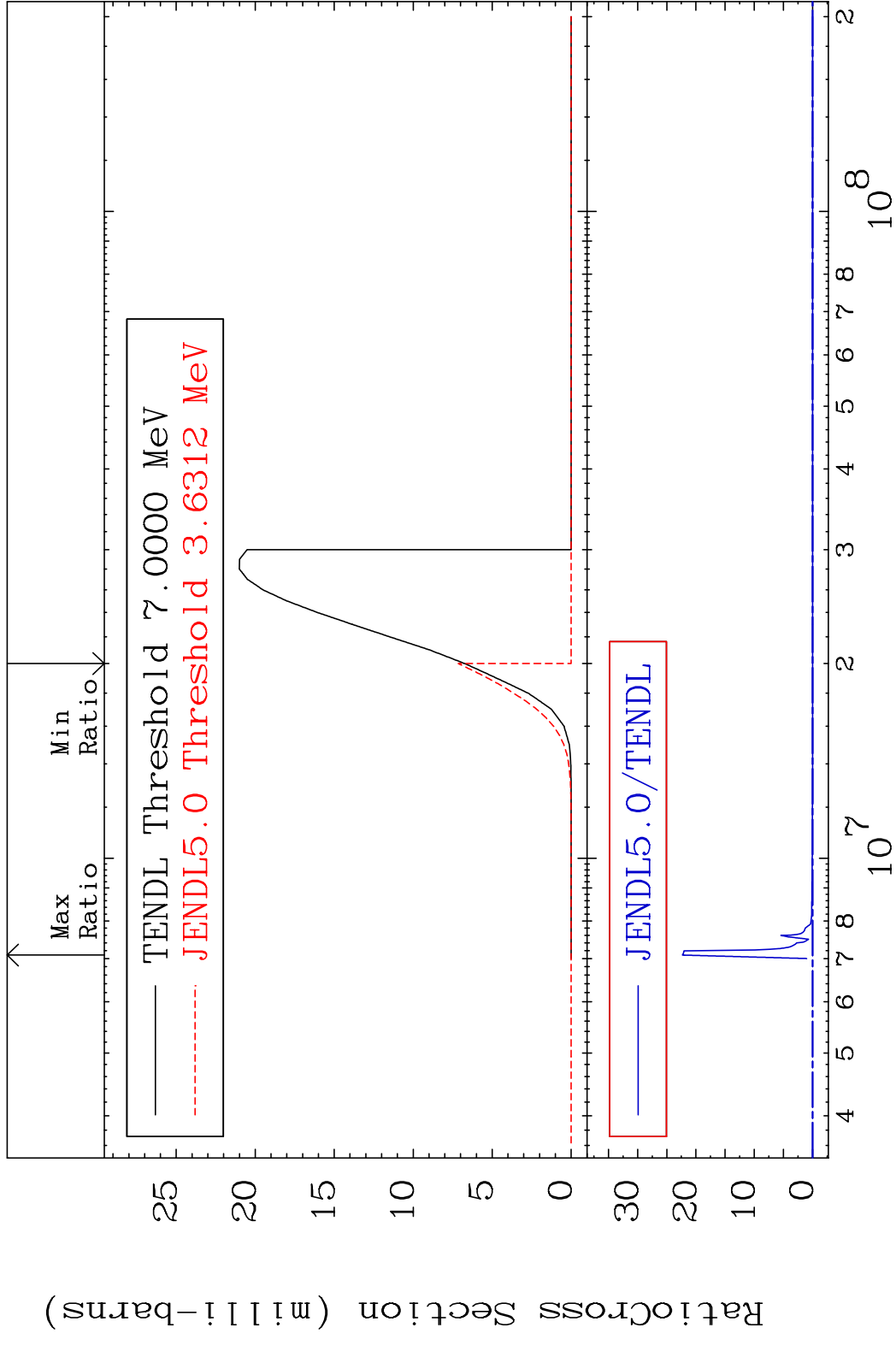
MAT 5034 (n, 3n):50-Sn-113m1 50-Sn-115
 Radionuclide Production Cross Section 18.083 MeV
 Ratio 33.97 %



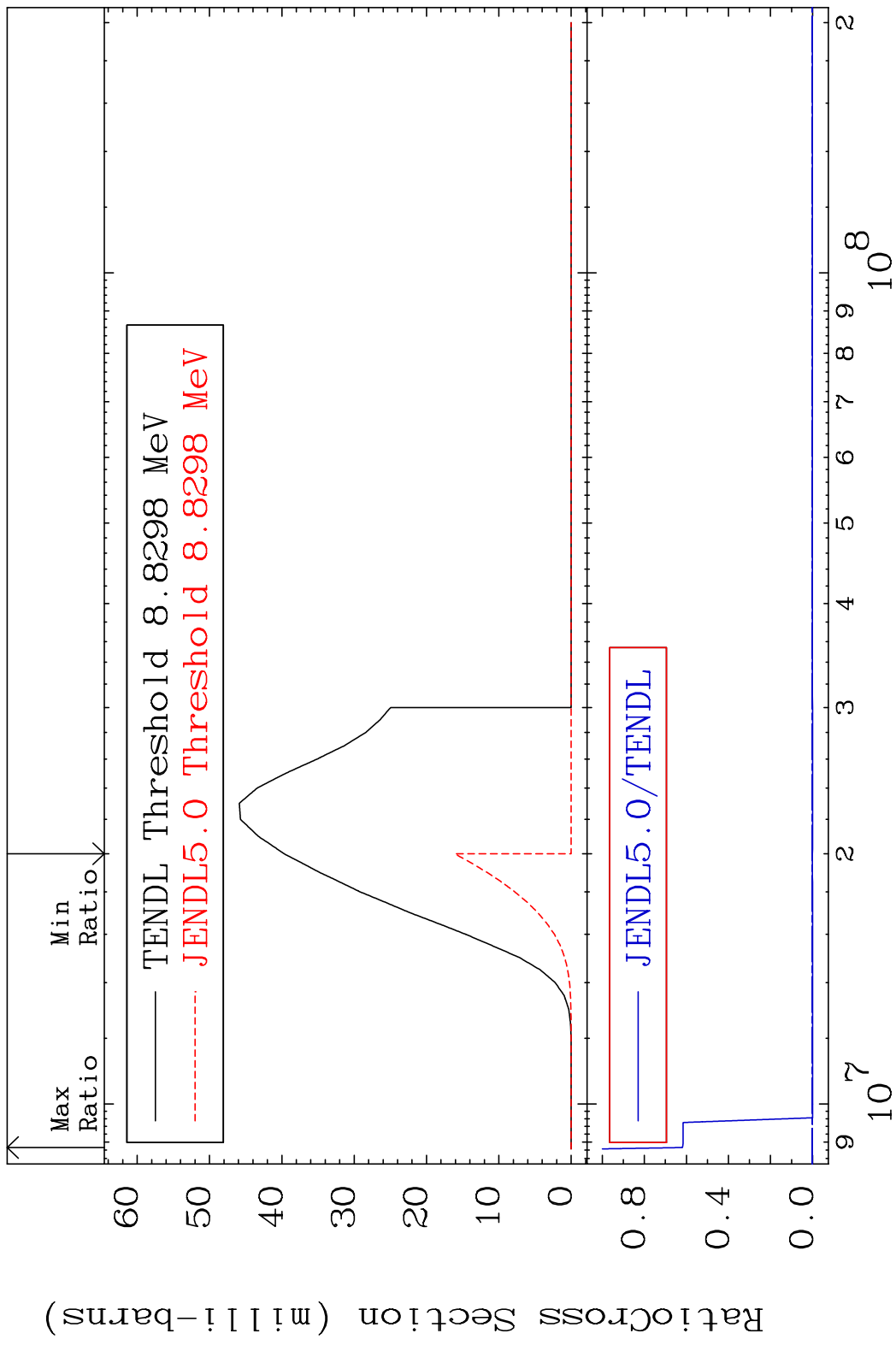
MAT 5034 (n, n') α :48-Cd-111g 50-Sn-115
 Radionuclide Production Cross Section Ratio 9999. %



MAT 5034 (n, n') α :48-Cd-111m3 50-Sn-115
 Radionuclide Production Cross Section 100.00 %

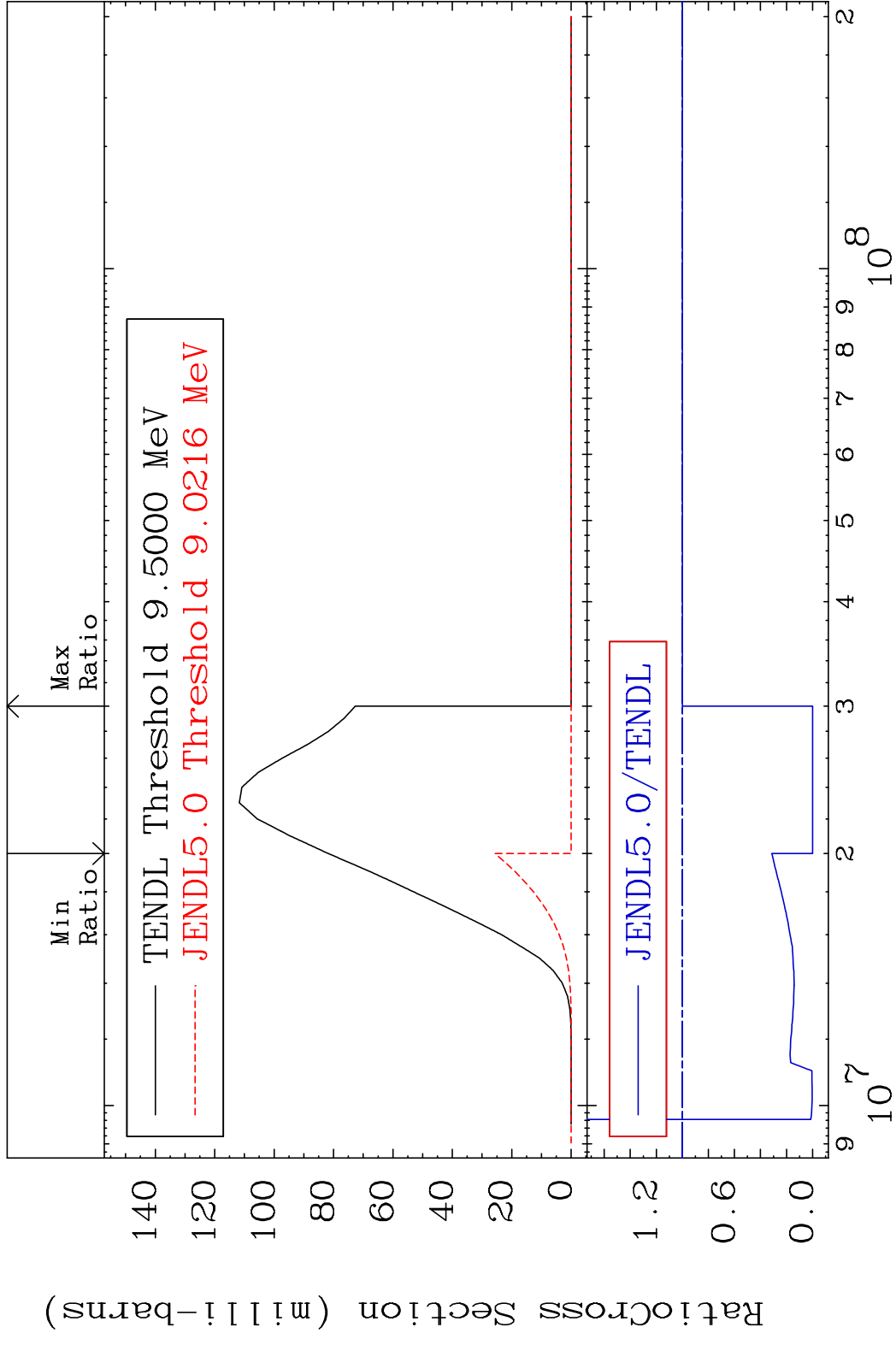


MAT 5034 (n, n') p:49-In-114g 50-Sn-115
 Radionuclide Production Cross Section 100.00 dth 9999. %



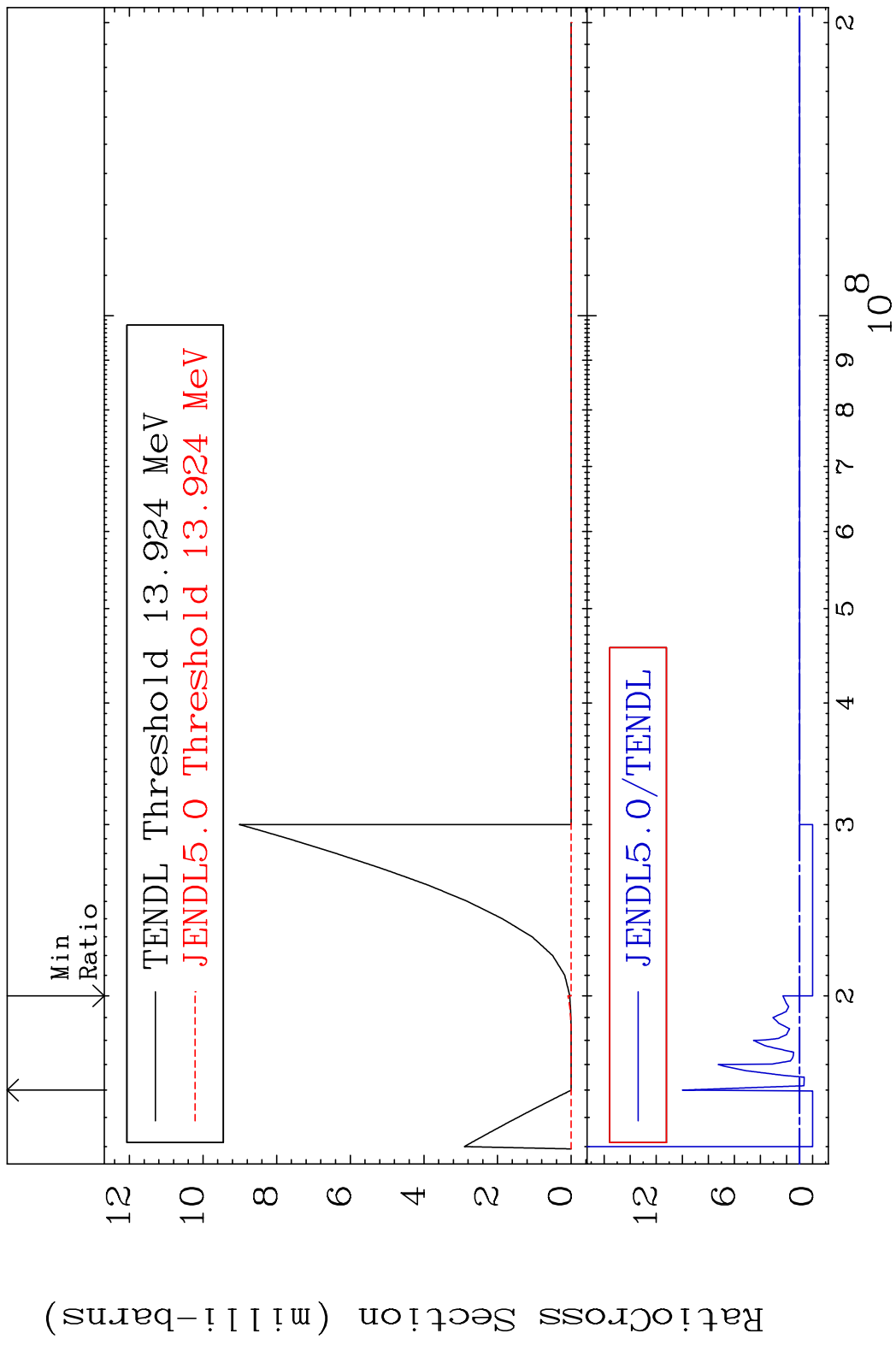
71 Incident Energy (eV) 50-Sn-115

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

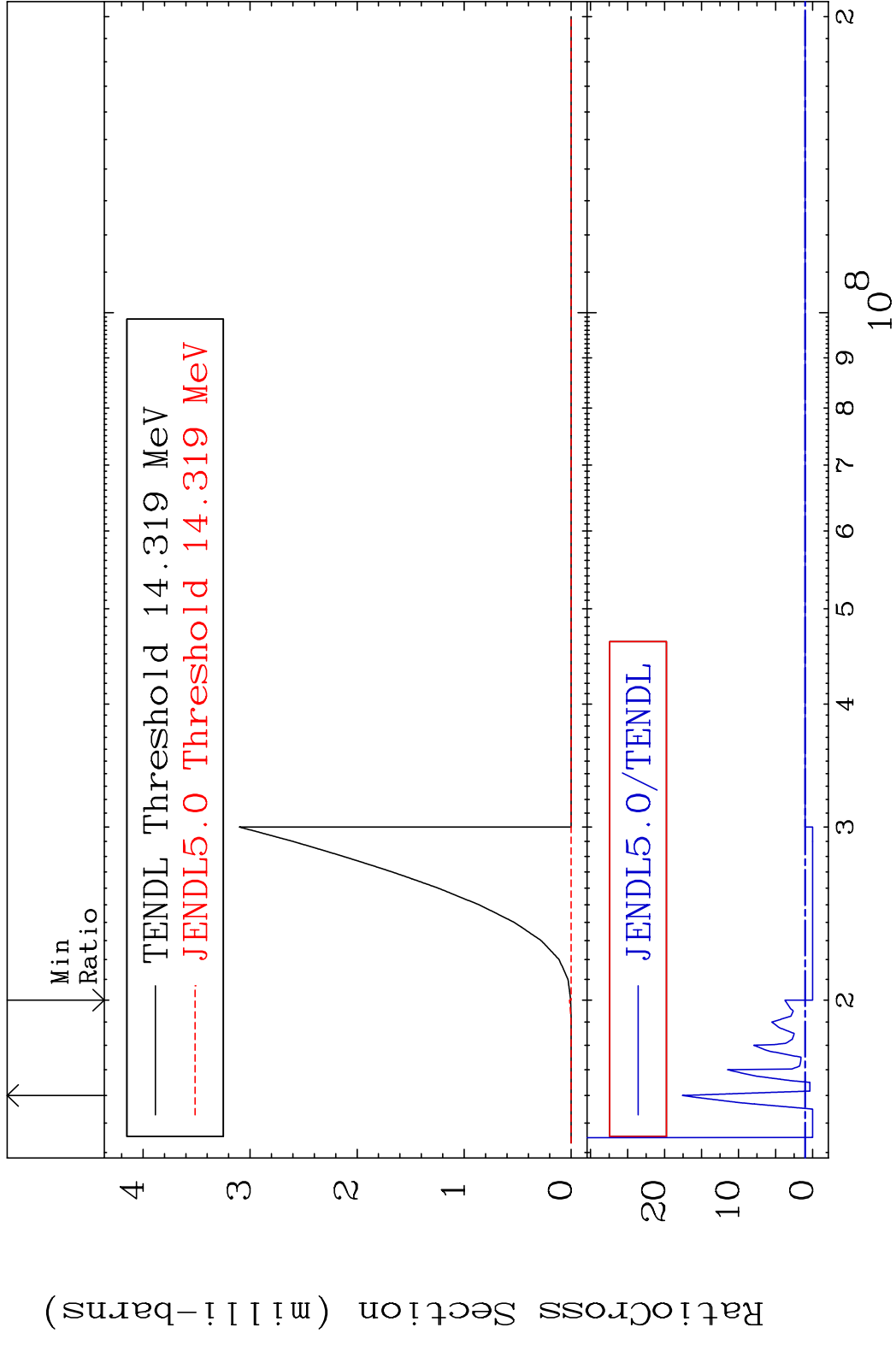


72 Incident Energy (eV) 50-Sn-115

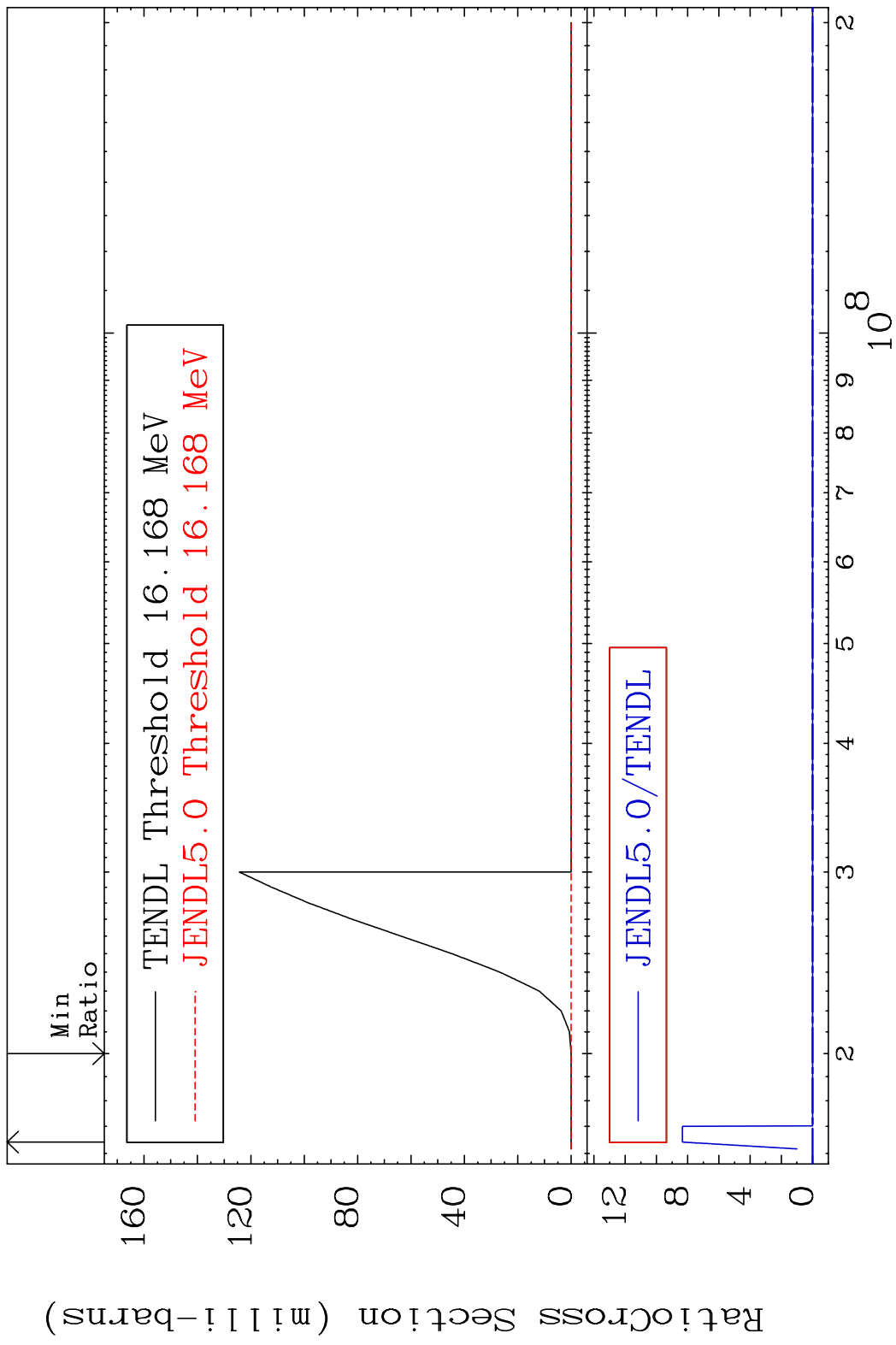
MAT 5034 (n, n') d:49-In-113g 50-Sn-115
 Radionuclide Production Cross Section 1800 d to 899.5 %

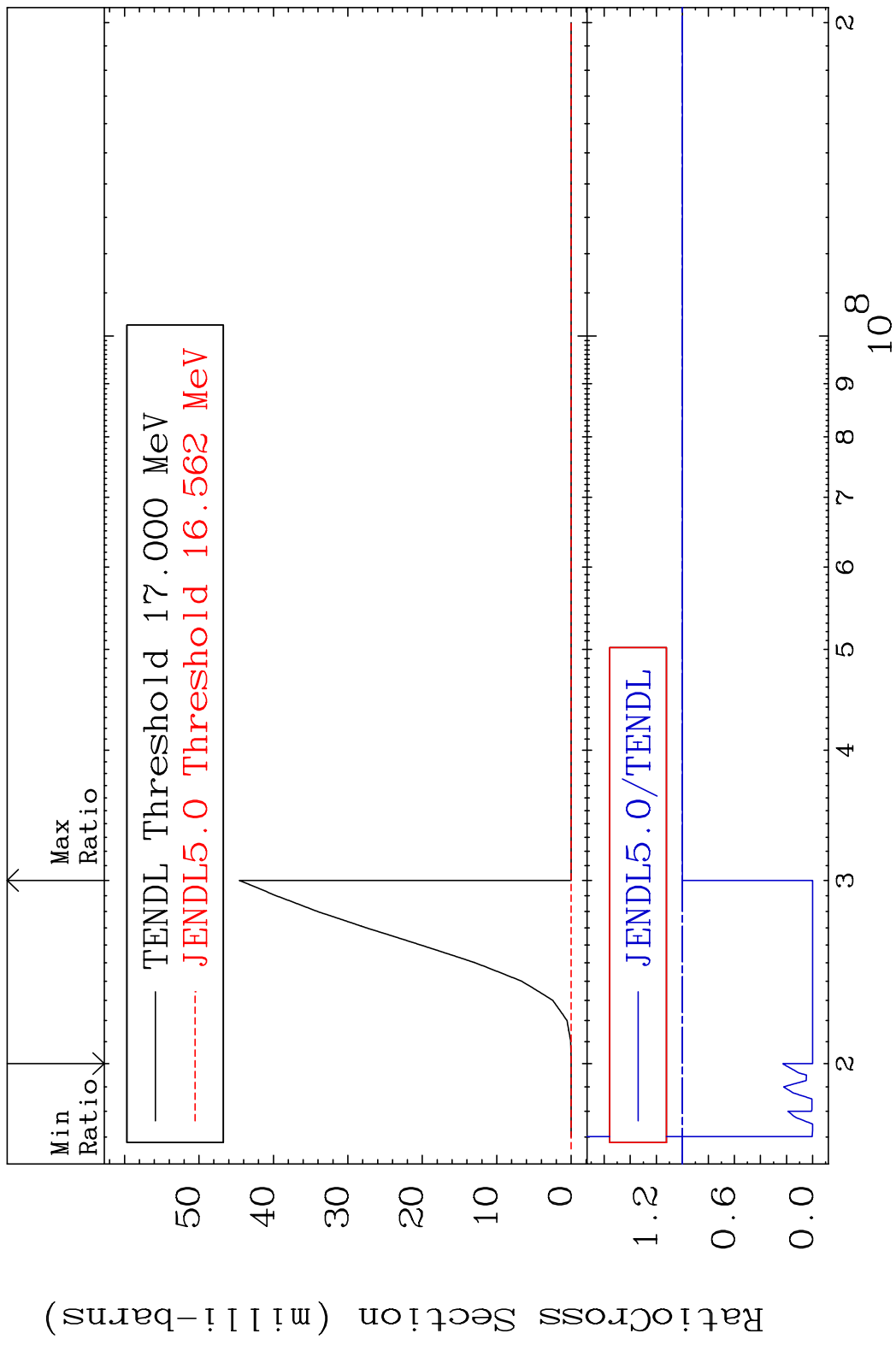


MAT 5034 (n, n') d:49-In-113m1 50-Sn-115
 Radionuclide Production Cross Section 1800 d to 1660. %

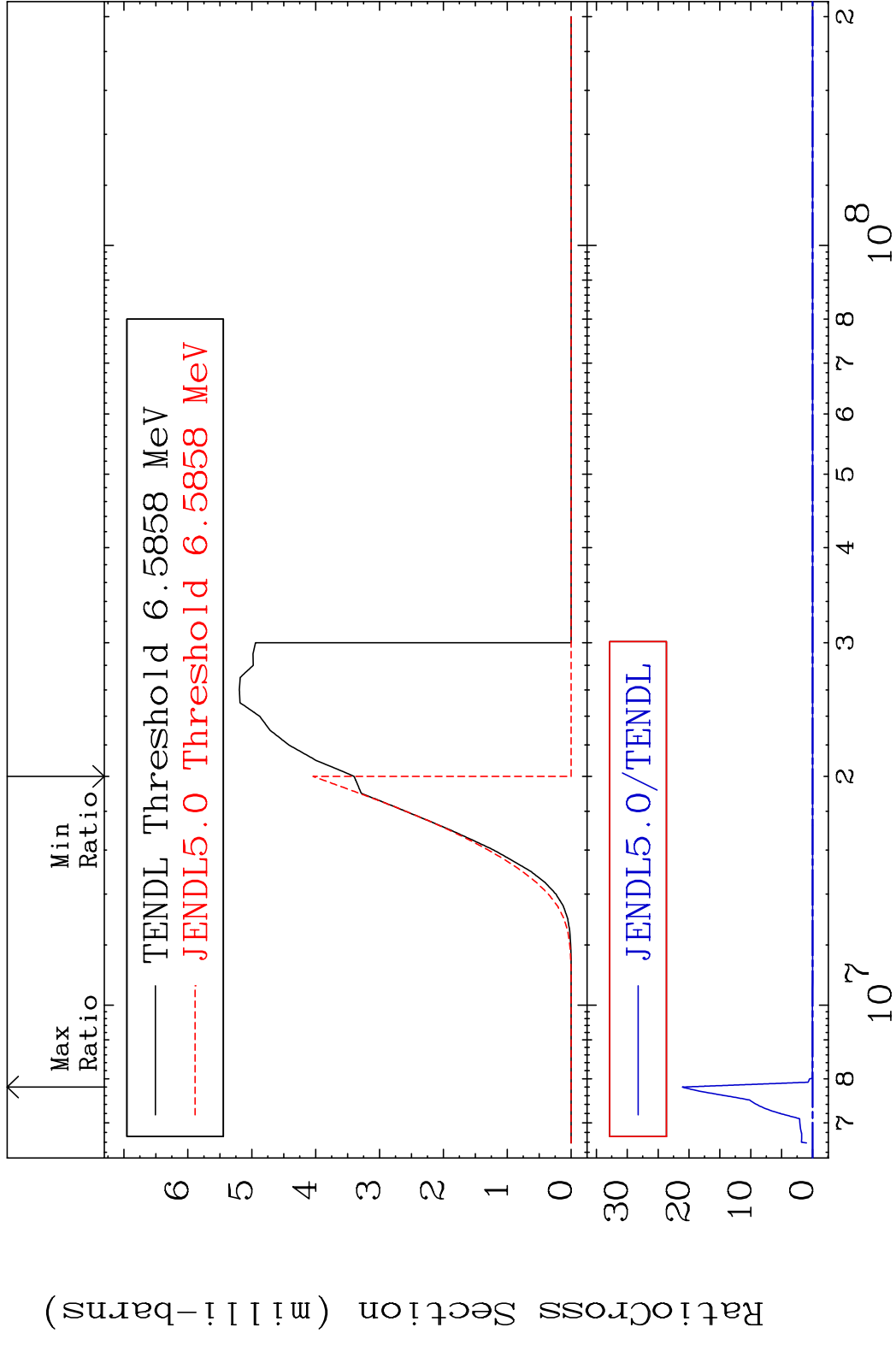


MAT 5034 (n,2n) p:49-In-113g 50-Sn-115
 Radionuclide Production Cross Section Ratio 9999. %

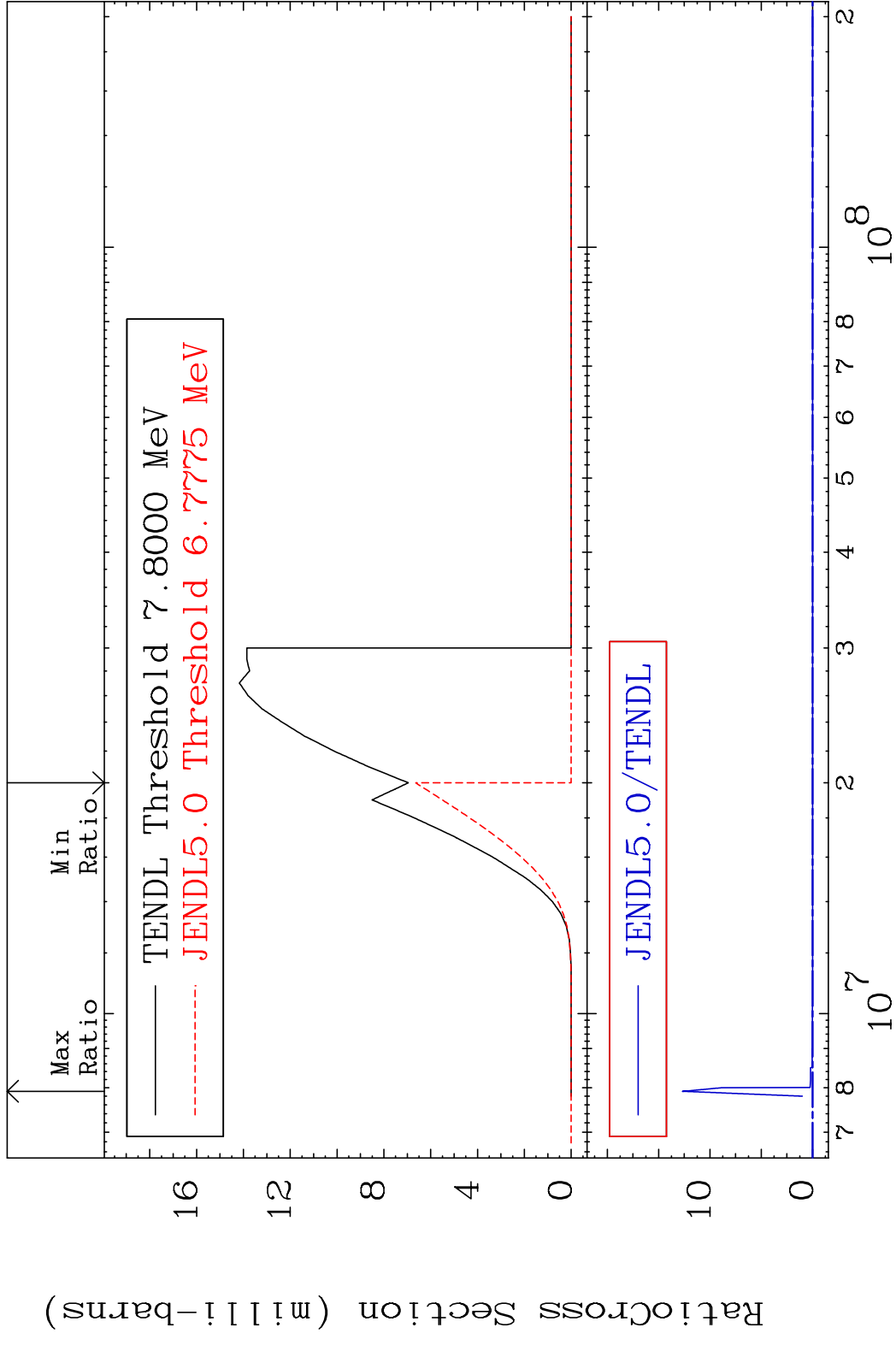




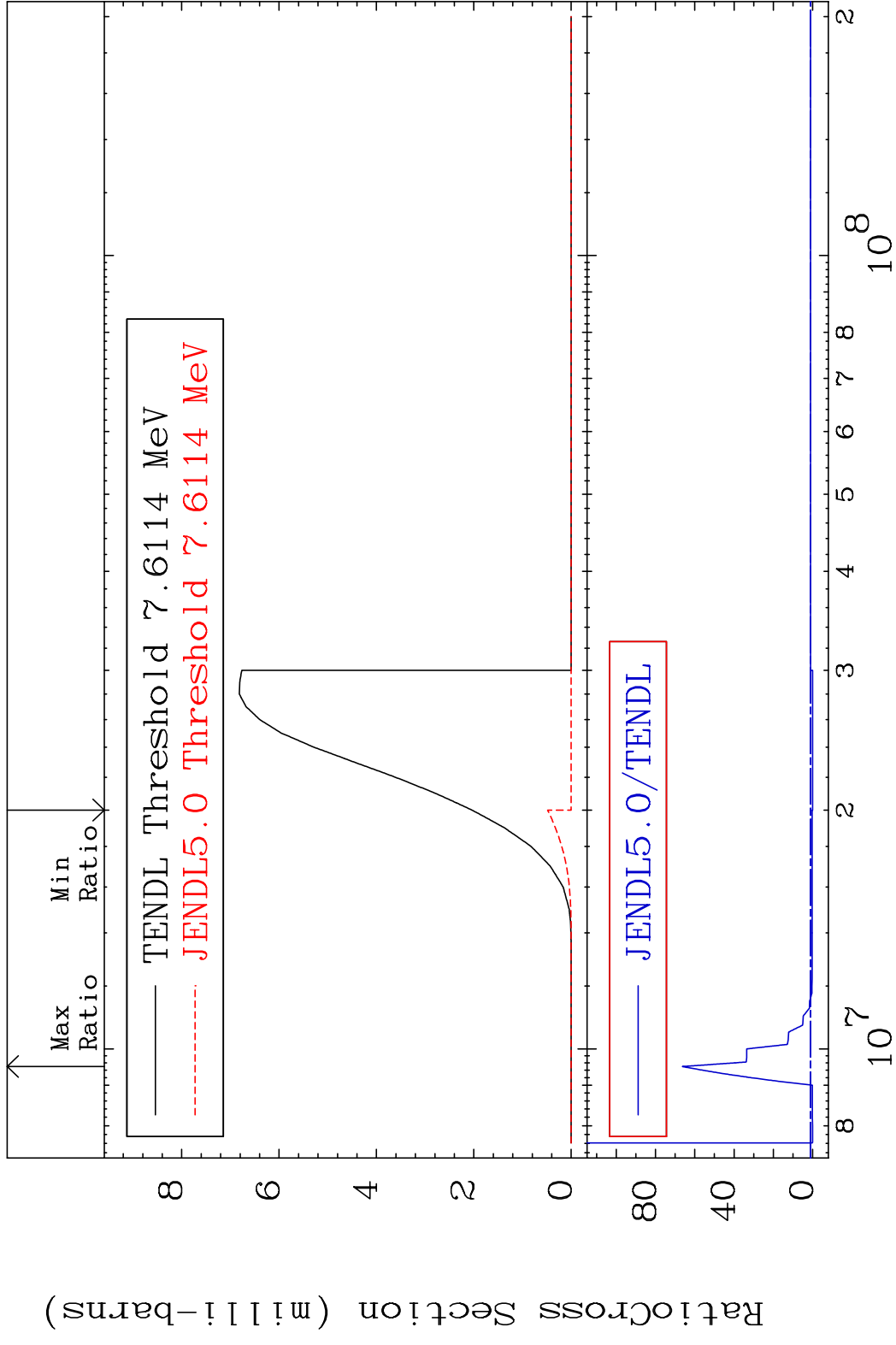
MAT 5034 (n,d):49-In-114g 50-Sn-115
 Radionuclide Production Cross Section 100.00 %



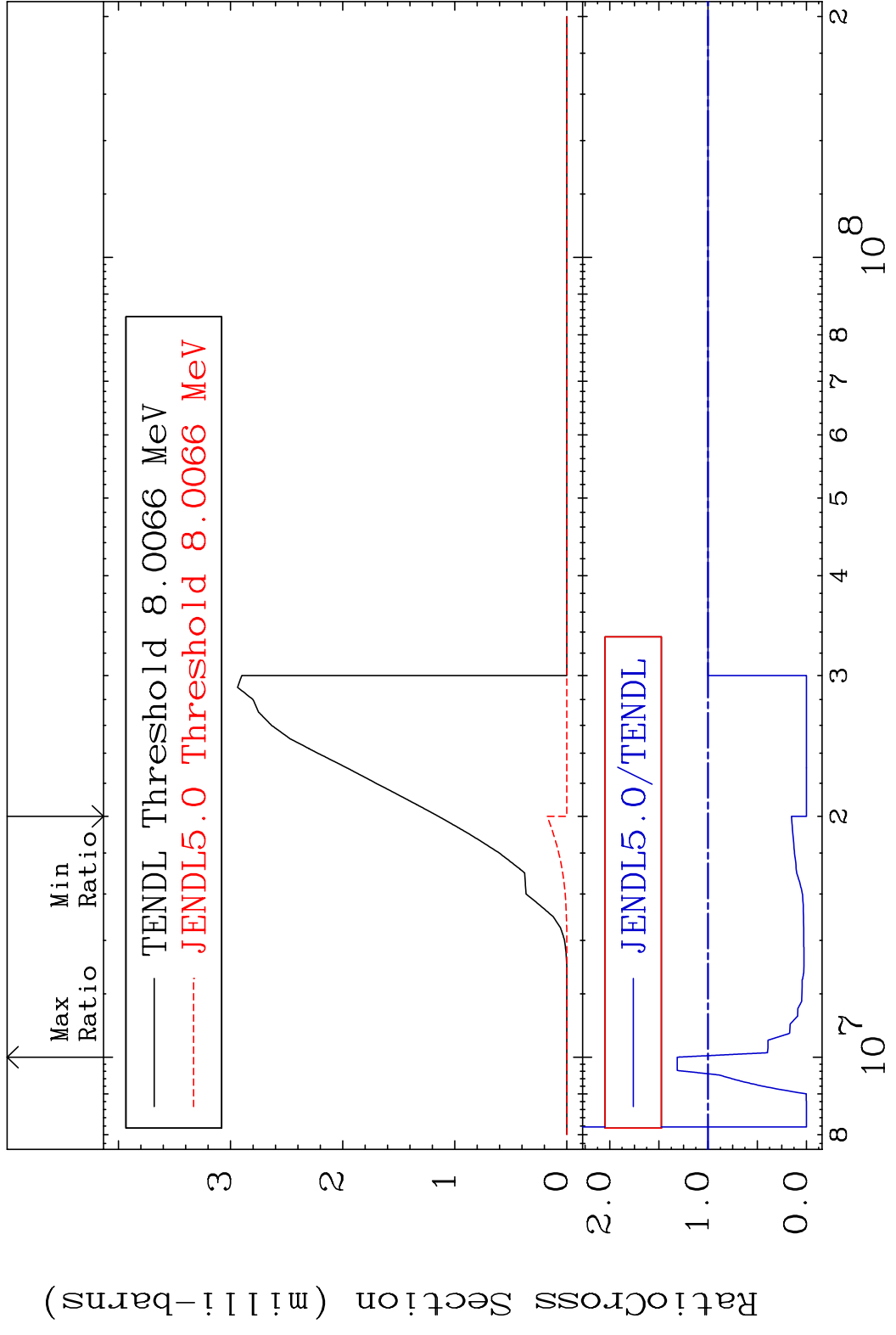
MAT 5034 (n, d): 49-In-114m1 50-Sn-115
 Radionuclide Production Cross Section to 9999. %



MAT 5034 (n,t):49-In-113g 50-Sn-115
 Radionuclide Production Cross Section 6534. %



MAT 5034 (n, t): 49-In-113m1 50-Sn-115
 Radionuclide Production Cross Section 180.01 dth 31.44 %



80 50-Sn-115