

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

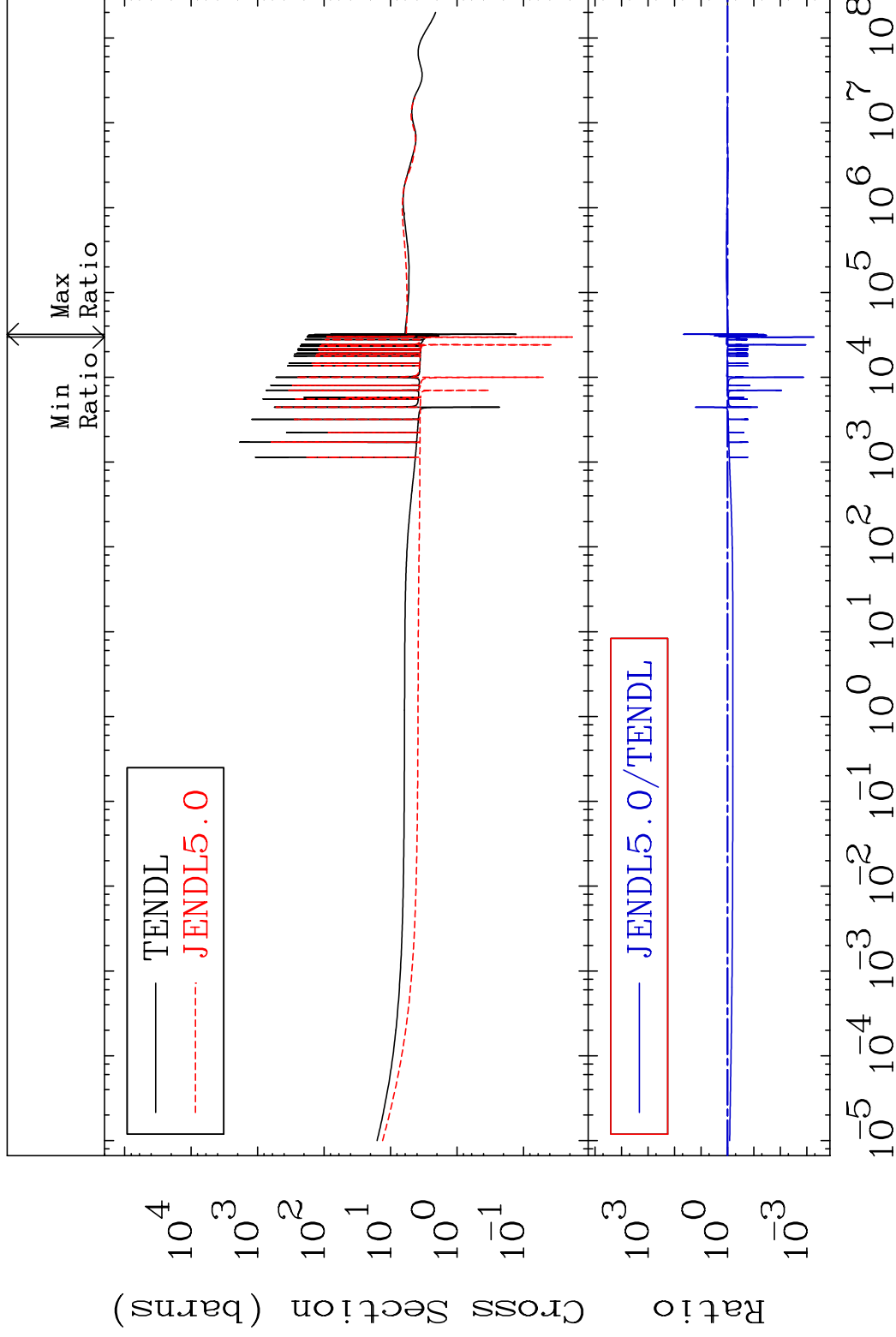
MAT 5255

Total

52-Te-130

Cross Section

-99.95 To 4427. %



1

Incident Energy (eV)

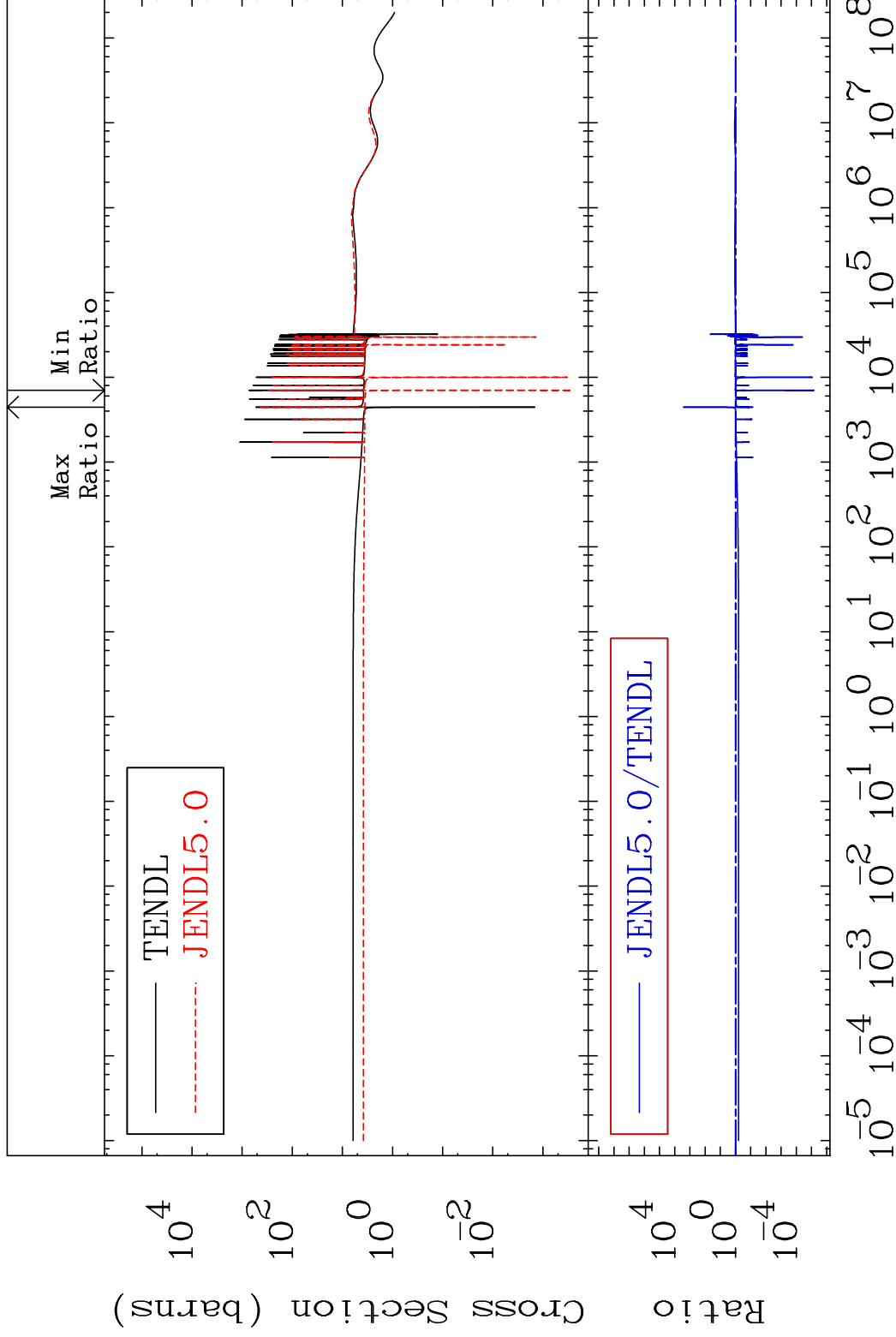
52-Te-130

MAT 5255

Elastic

52-Te-130

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

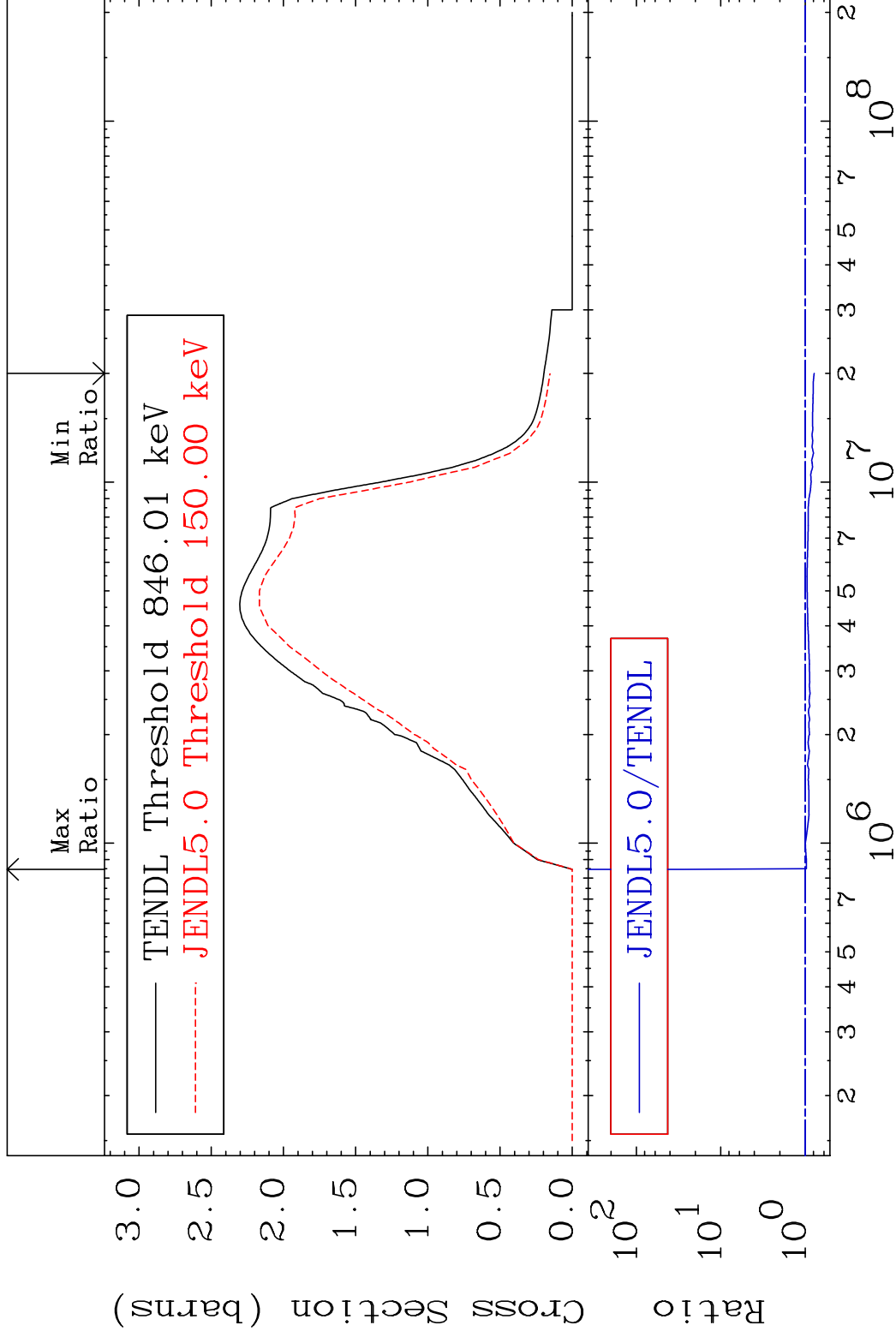
52-Te-130

MAT 5255

Inelastic

52-Te-130

Cross Section -21.60 To 2652. %



3

Incident Energy (eV)

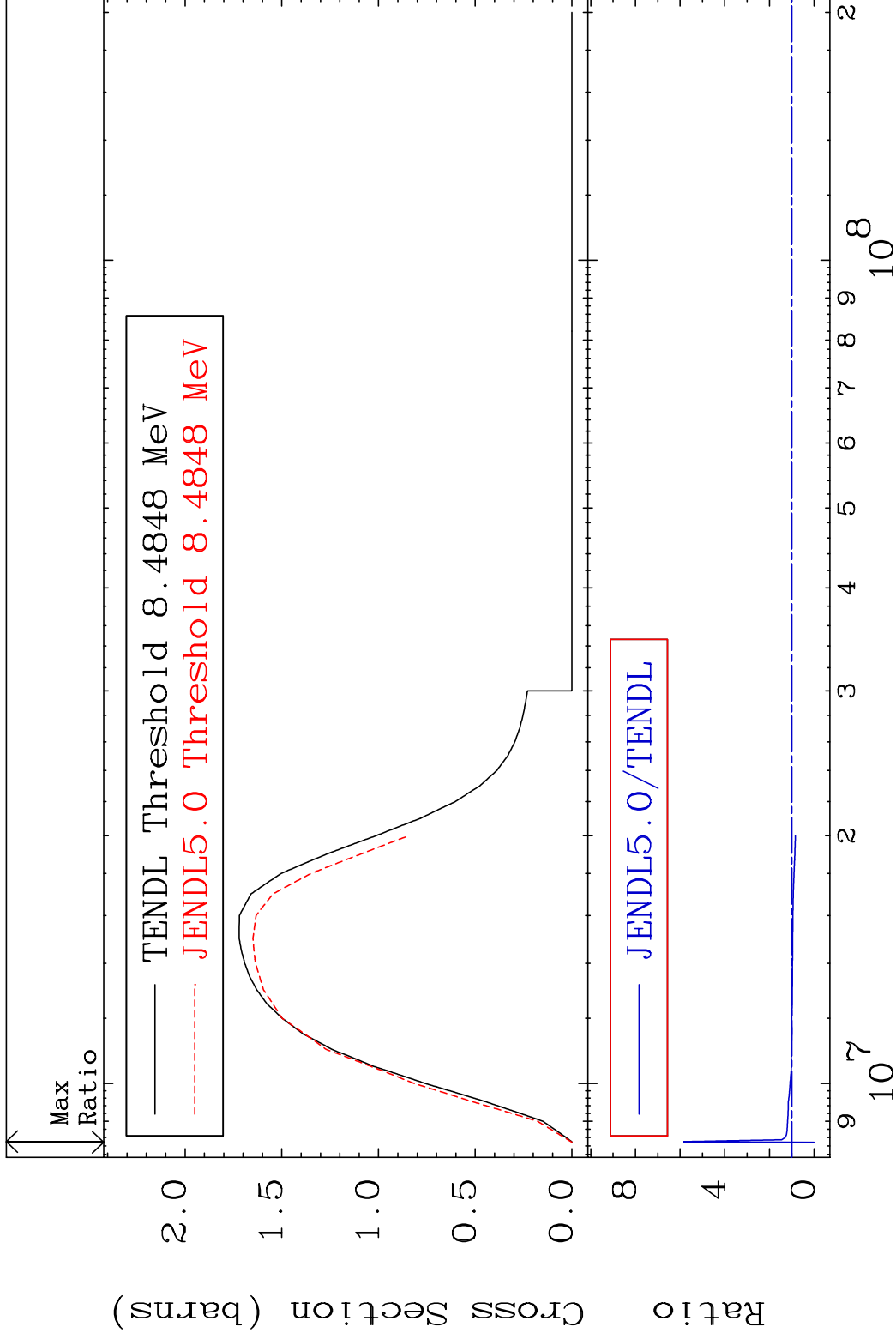
52-Te-130

MAT 5255

(n,2n)

52-Te-130

Cross Section -100.0 To 485.1 %



4

Incident Energy (eV)

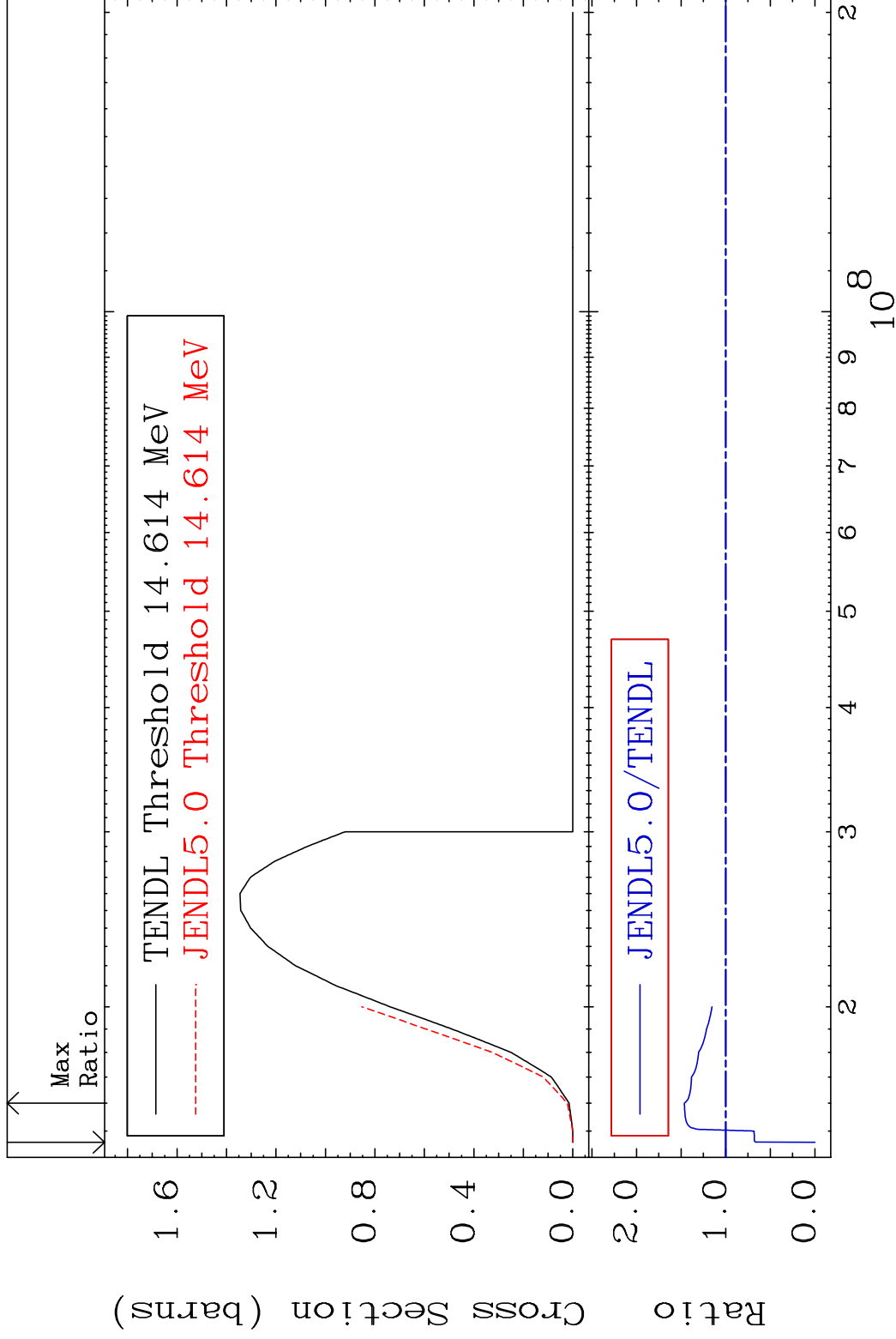
52-Te-130

MAT 5255

(n,3n)

52-Te-130

Cross Section -100.0 To 46.43 %

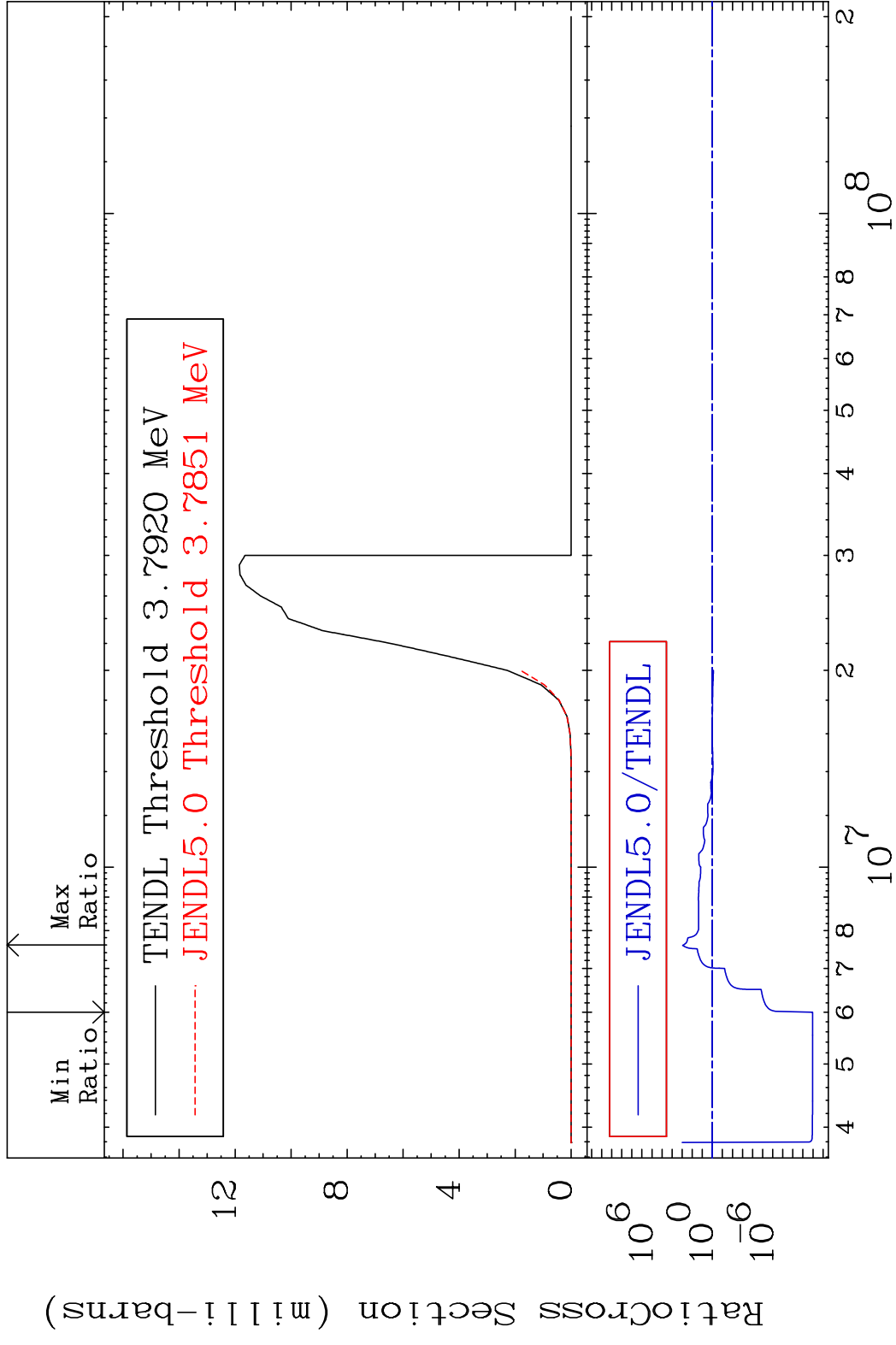


5

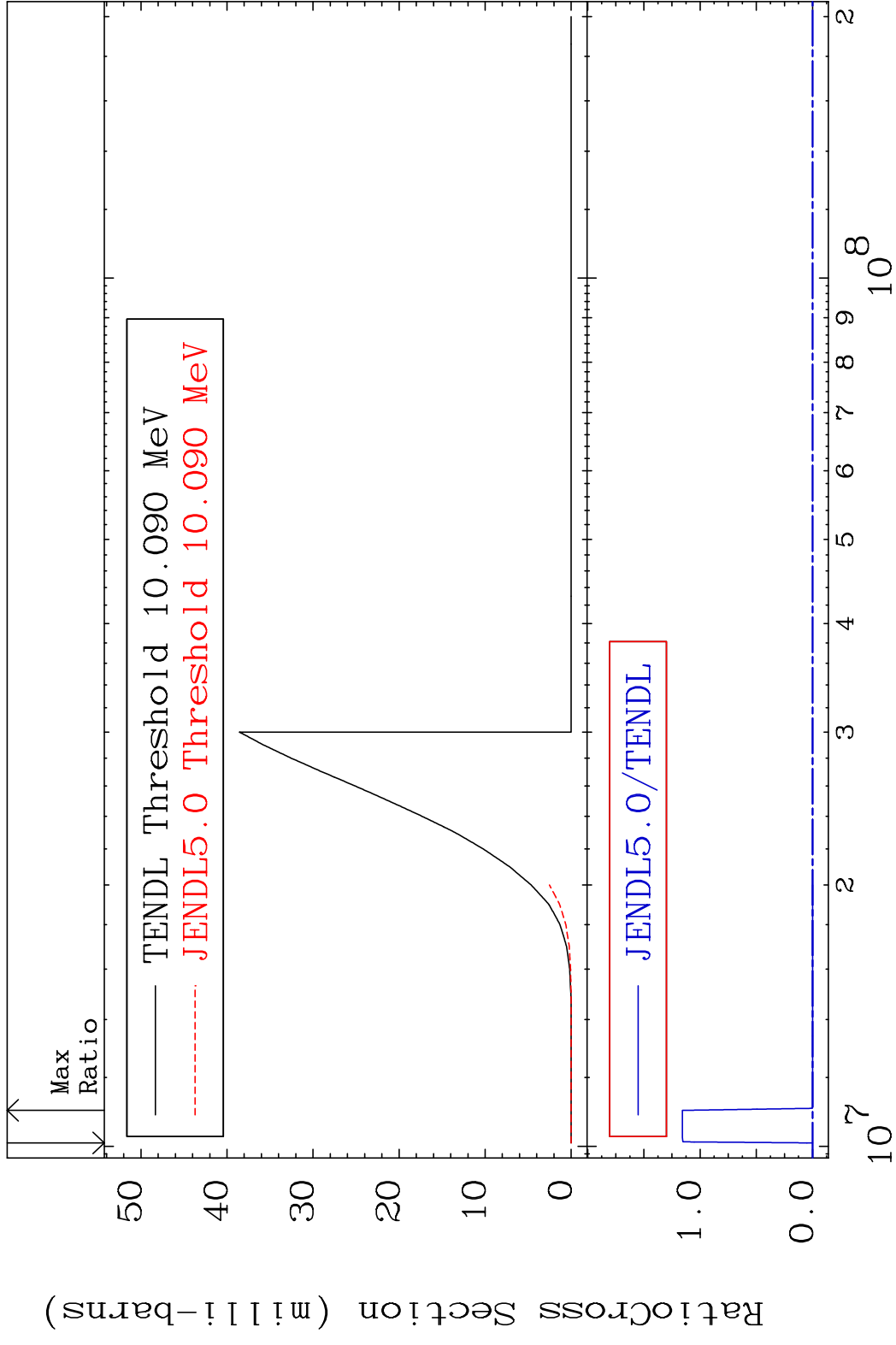
Incident Energy (eV)

52-Te-130

MAT 5255 (n, n') α 52-Te-130
 Cross Section -100.0 To 9999. %



MAT 5255 (n, n') p 52-Te-130
 Cross Section -100.0 To 9999. %



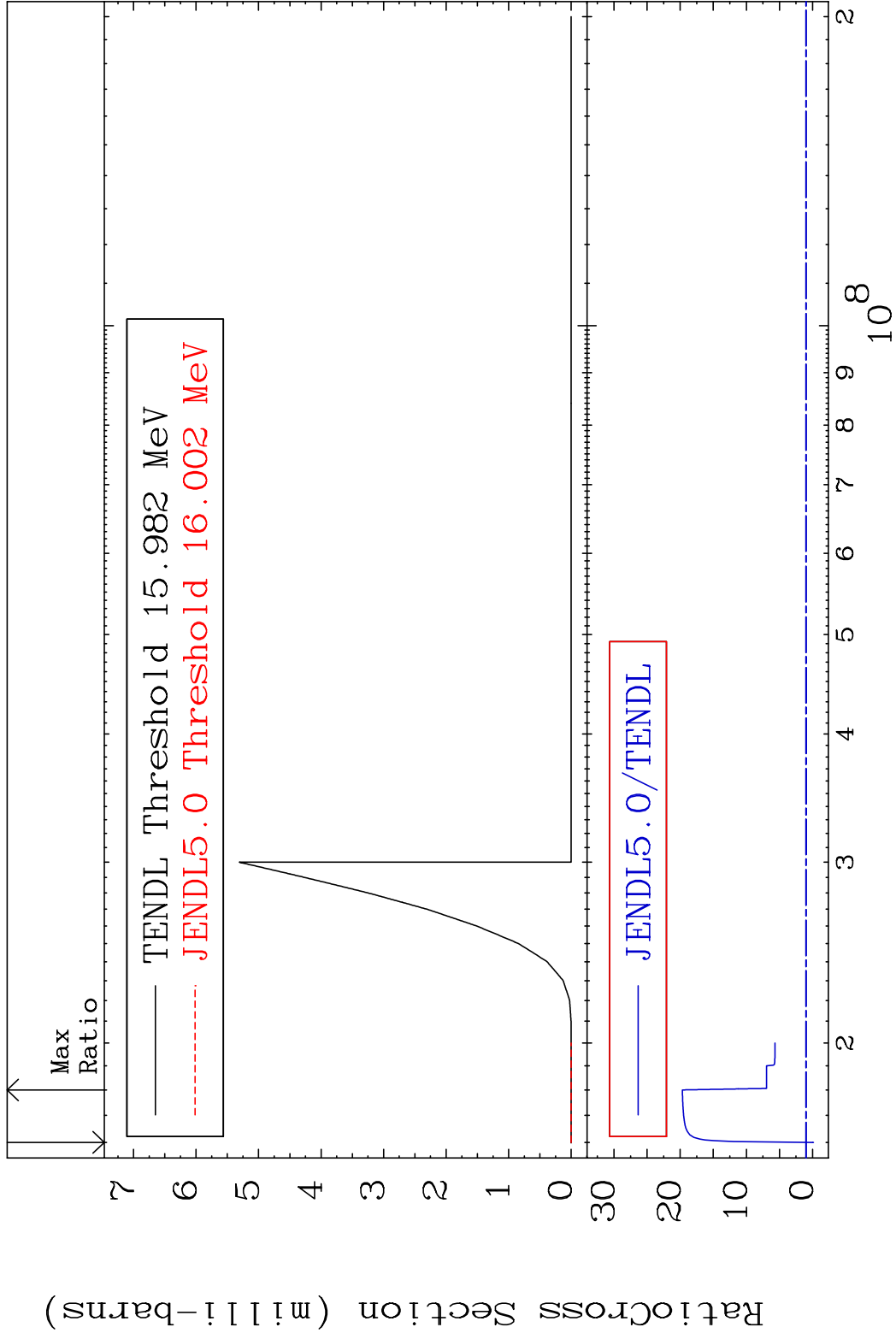
7 7 Incident Energy (eV) 52-Te-130

MAT 5255

(n, n') d

52-Te-130

Cross Section -100.0 To 1867. %



8

Incident Energy (eV)

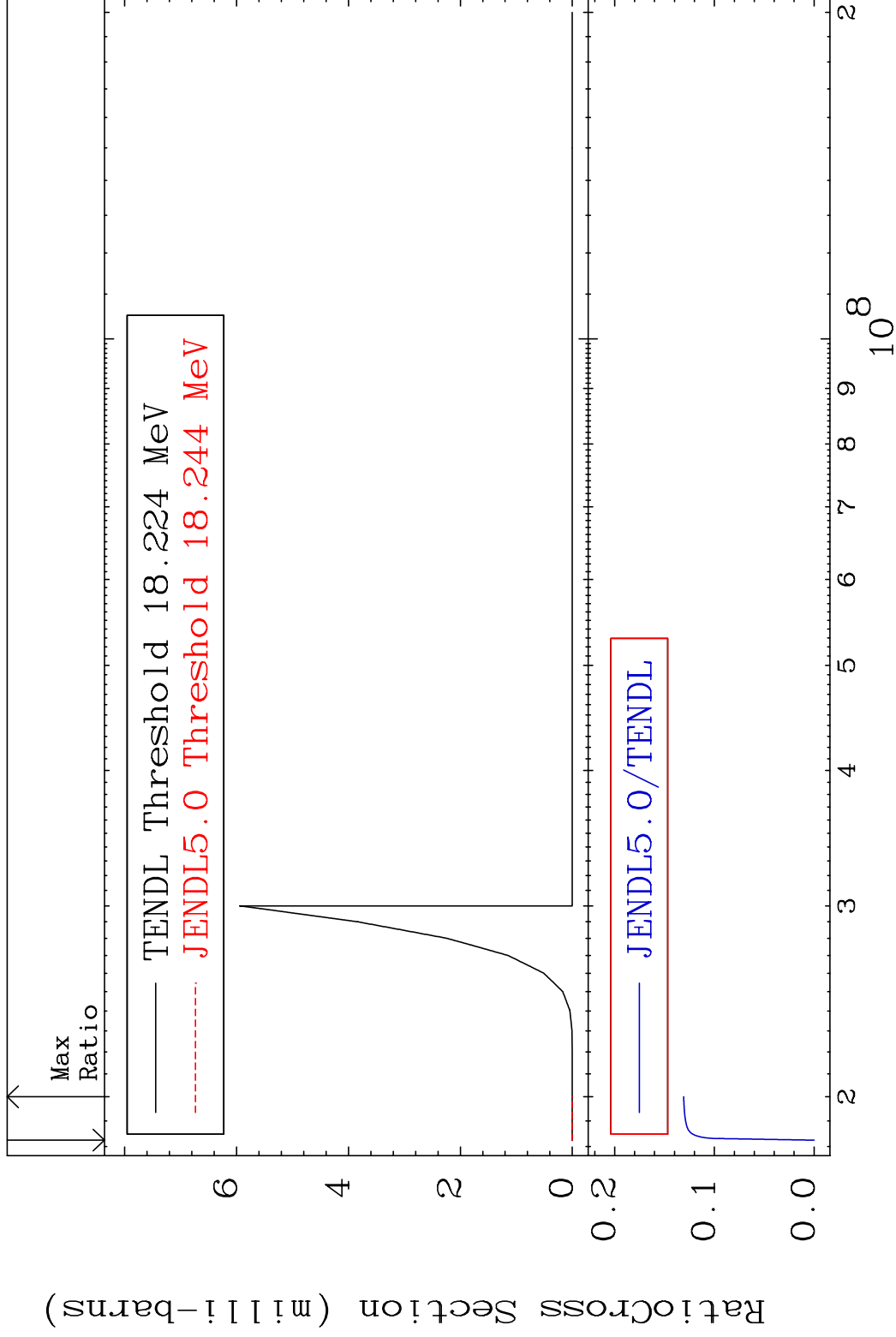
52-Te-130

MAT 5255

(n,2n) p

52-Te-130

Cross Section -100.0 To -86.92%

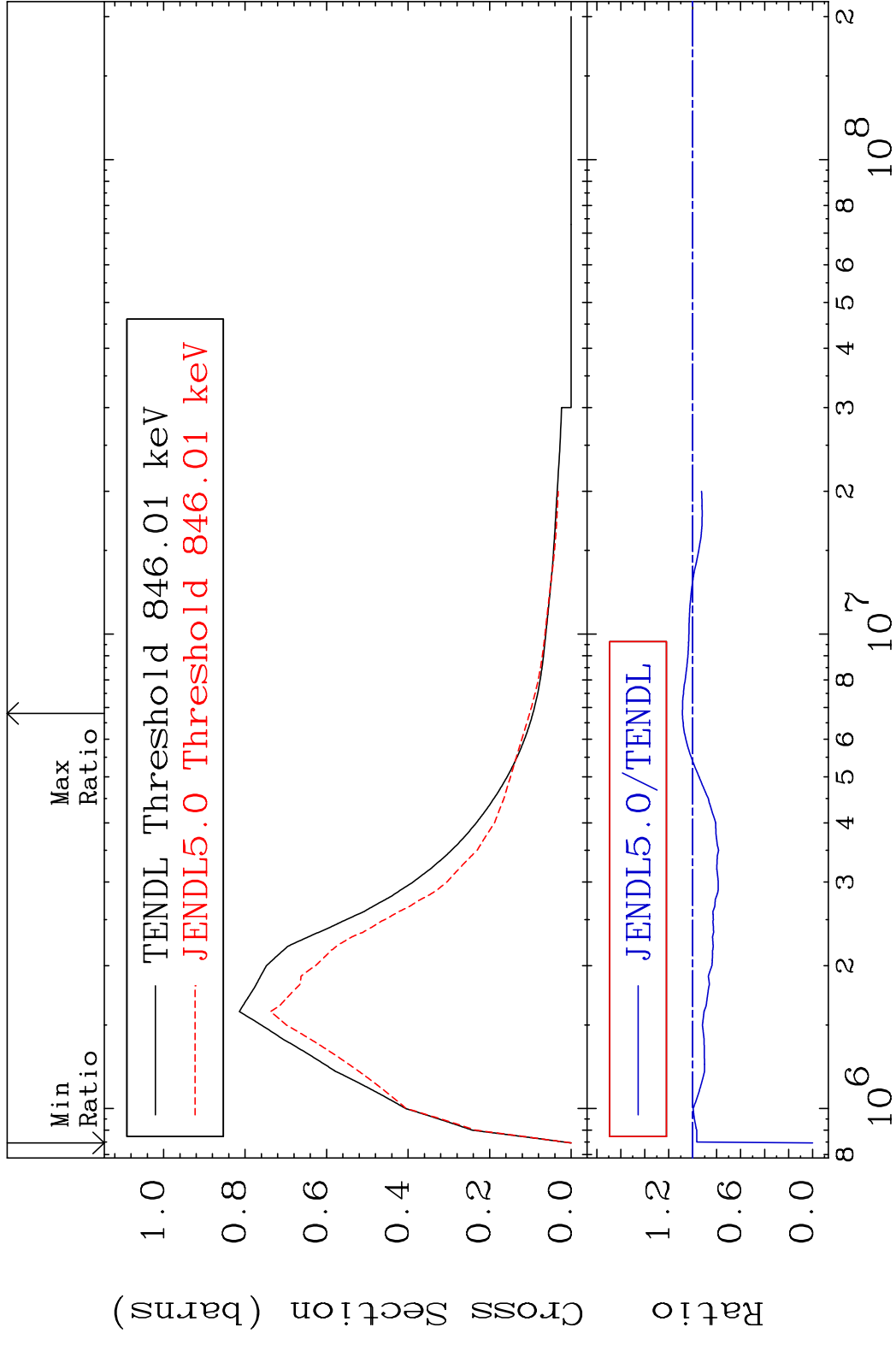


9

Incident Energy (eV)

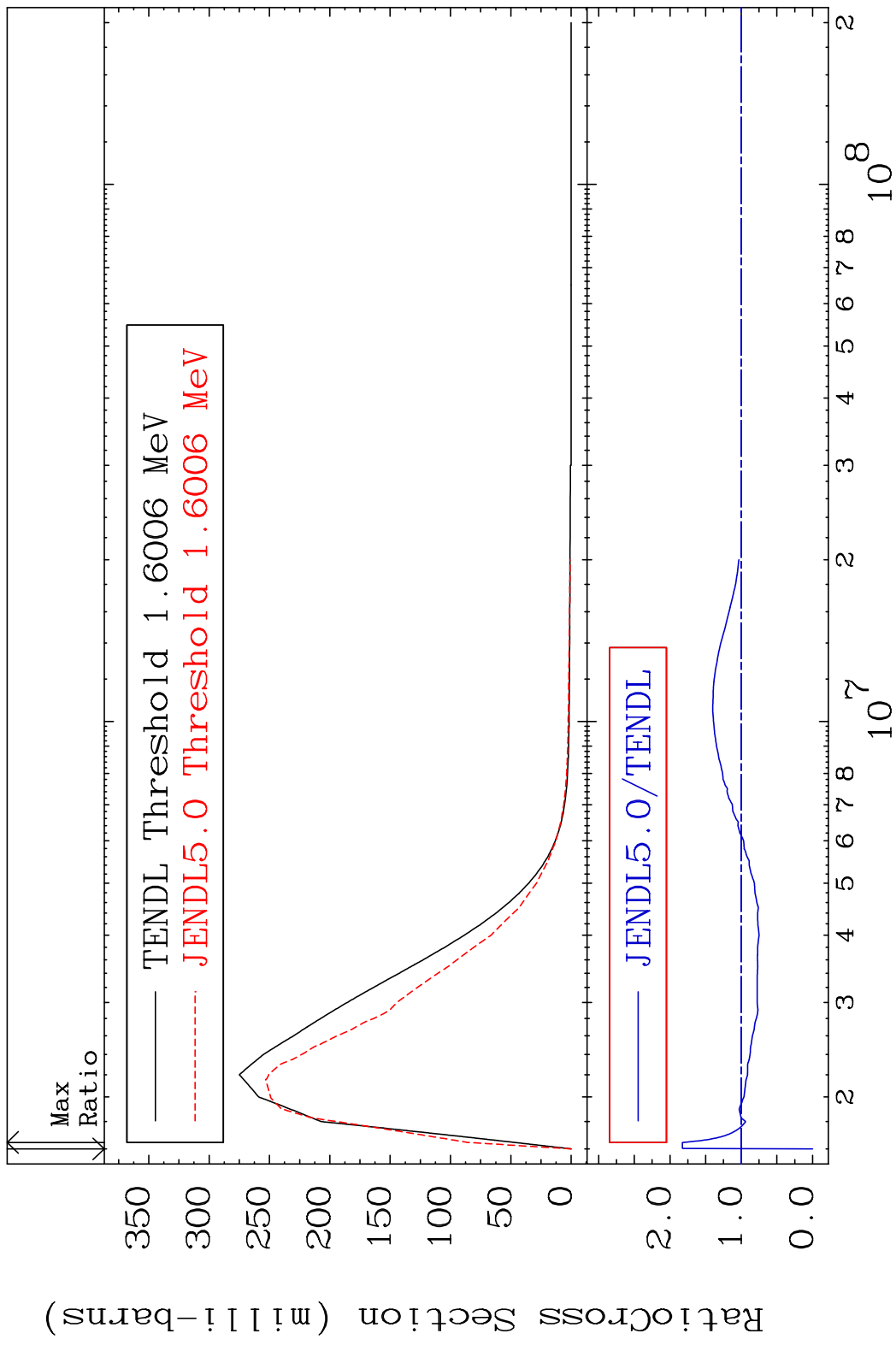
52-Te-130

MAT 5255 MT= 51 (n, n') Level 52-Te-130
 Cross Section -100.0 To 8.640 %

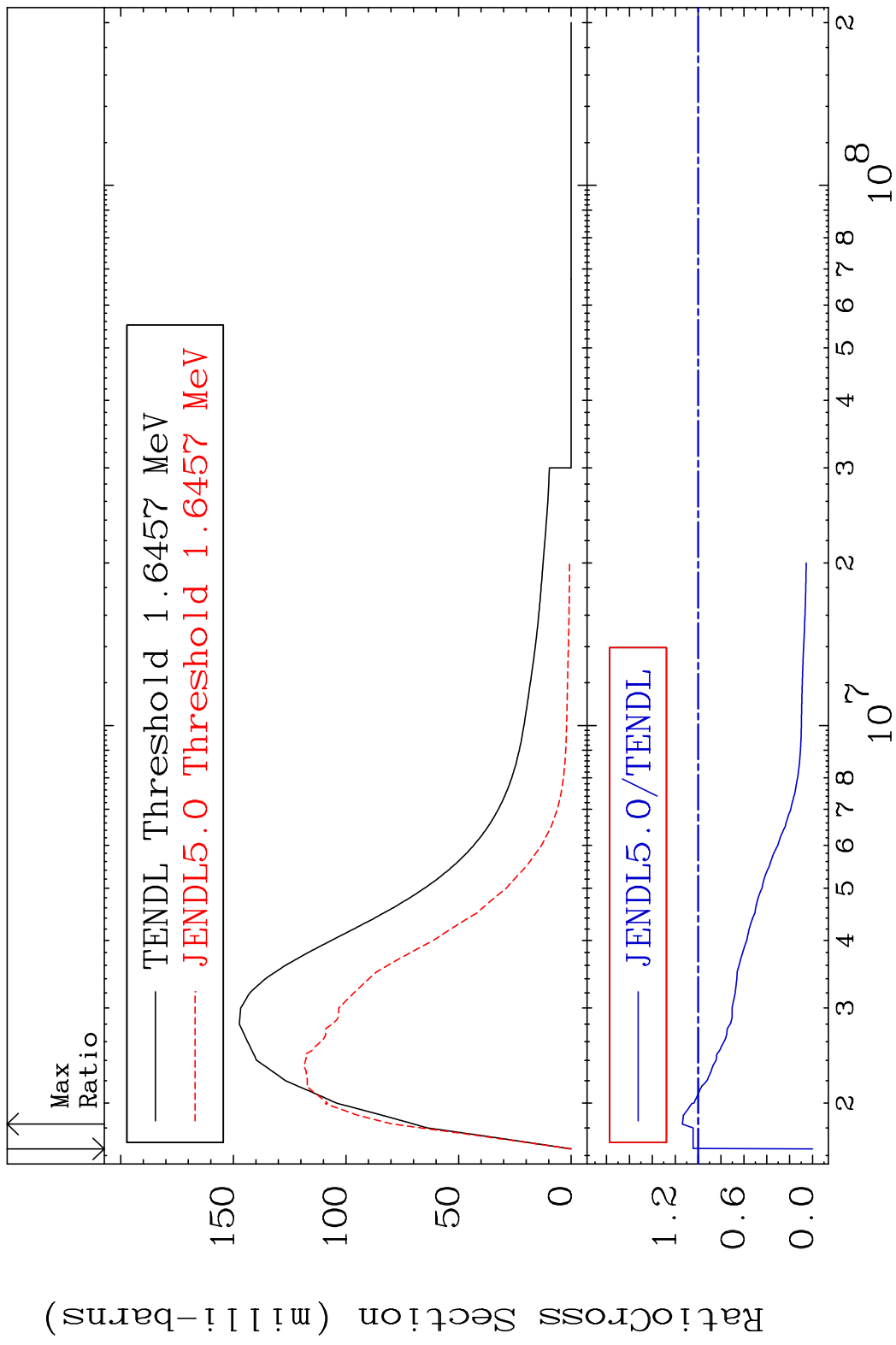


10 Incident Energy (eV) 52-Te-130

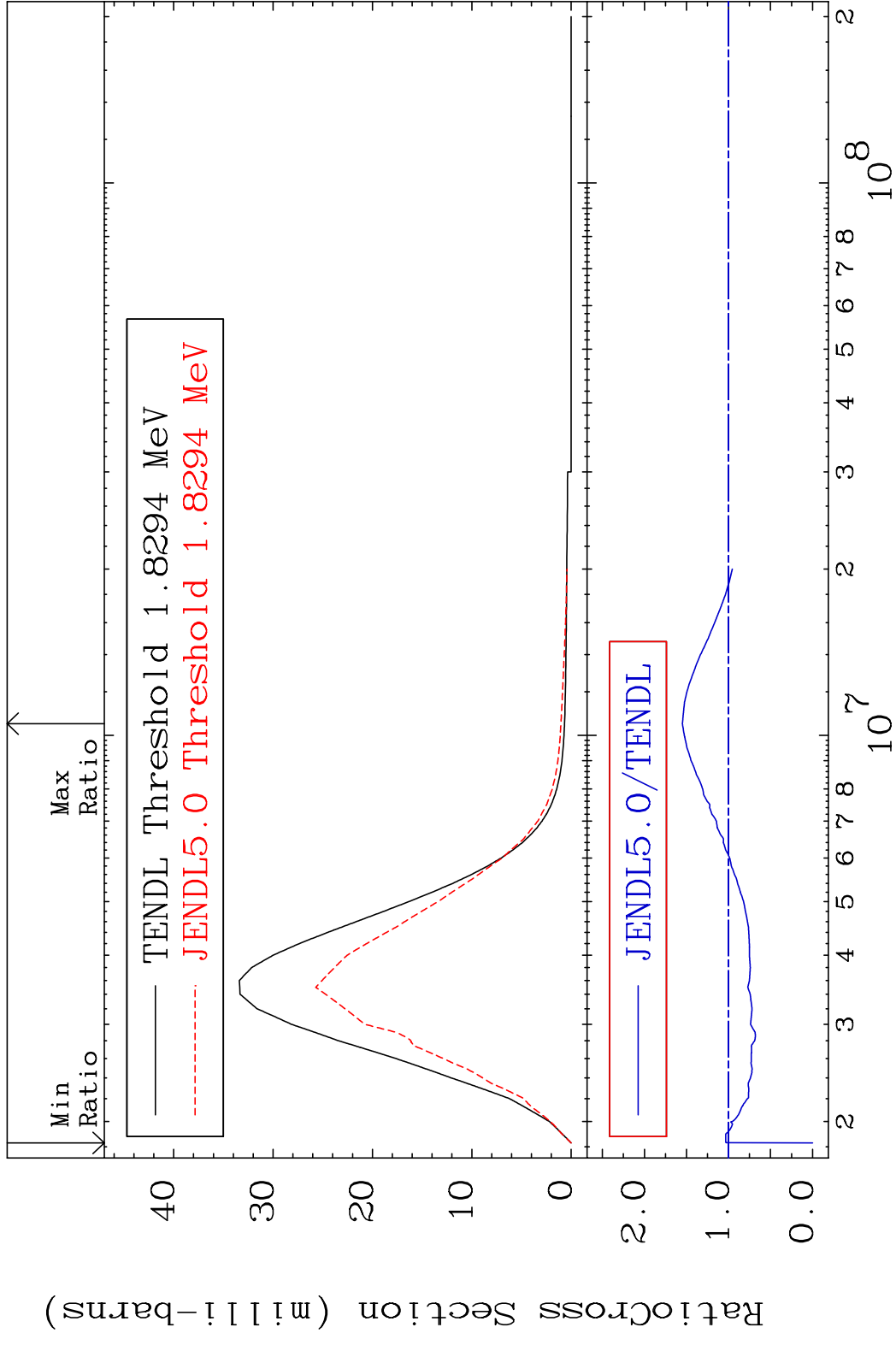
MAT 5255 MT= 52 (n, n') Level 52-Te-130
 Cross Section -100.0 To 82.62 %



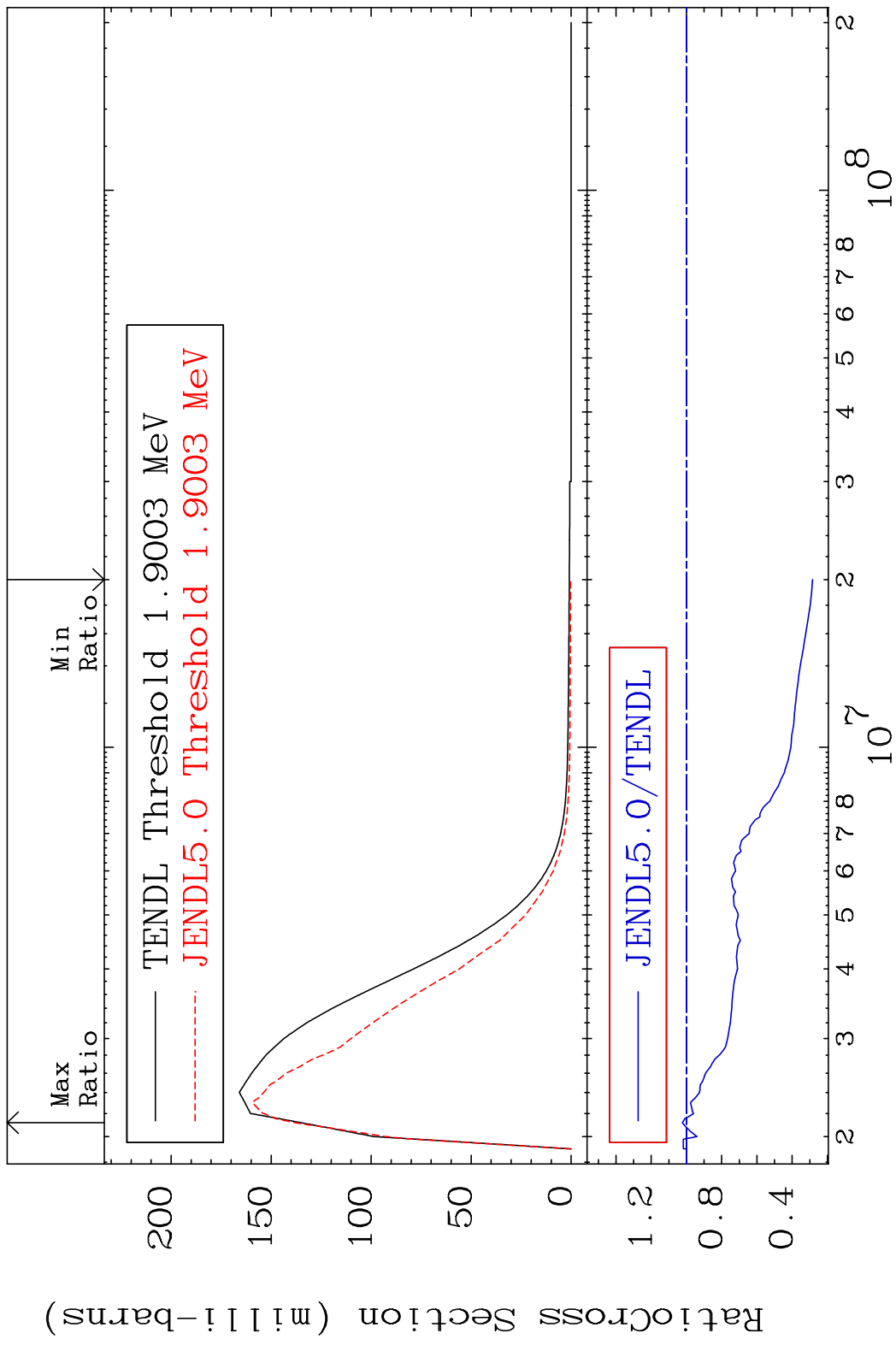
MAT 5255 MT= 53 (n,n') Level 52-Te-130
 Cross Section -100.0 To 13.77 %



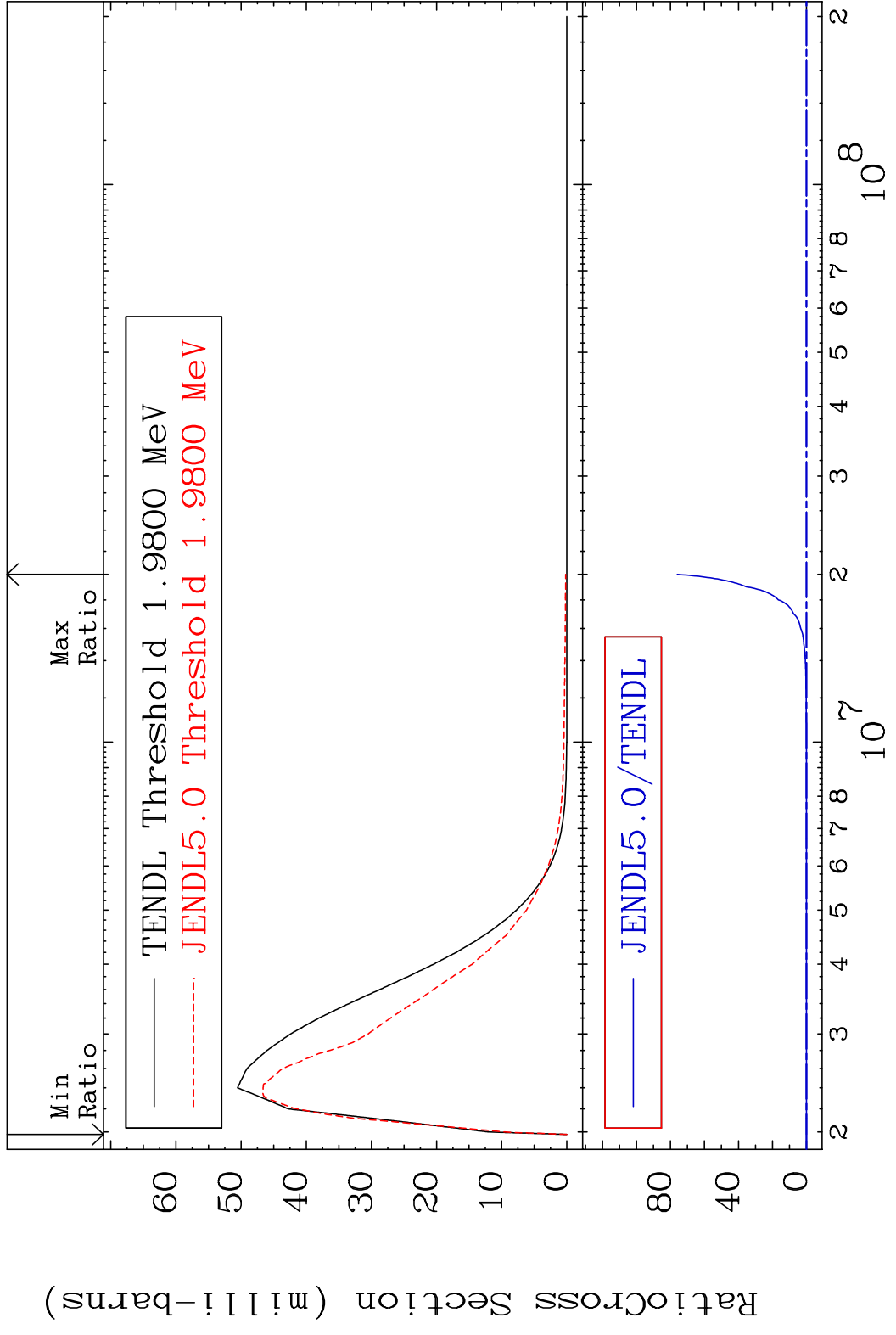
MAT 5255 MT= 54 (n,n') Level 52-Te-130
 Cross Section -100.0 To 54.88 %



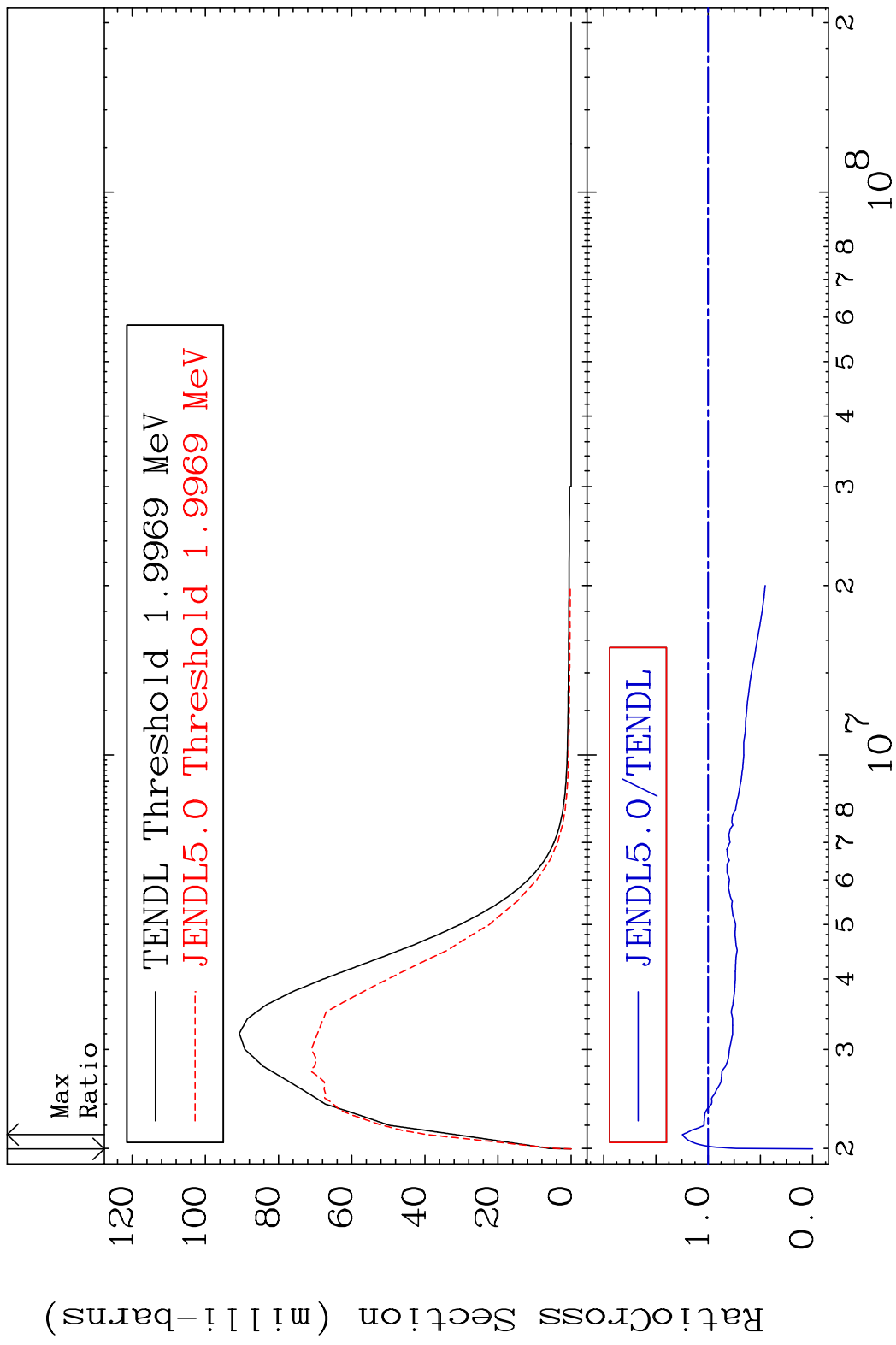
MAT 5255 MT= 55 (n, n') Level 52-Te-130
 Cross Section -71.59 To 2.342 %



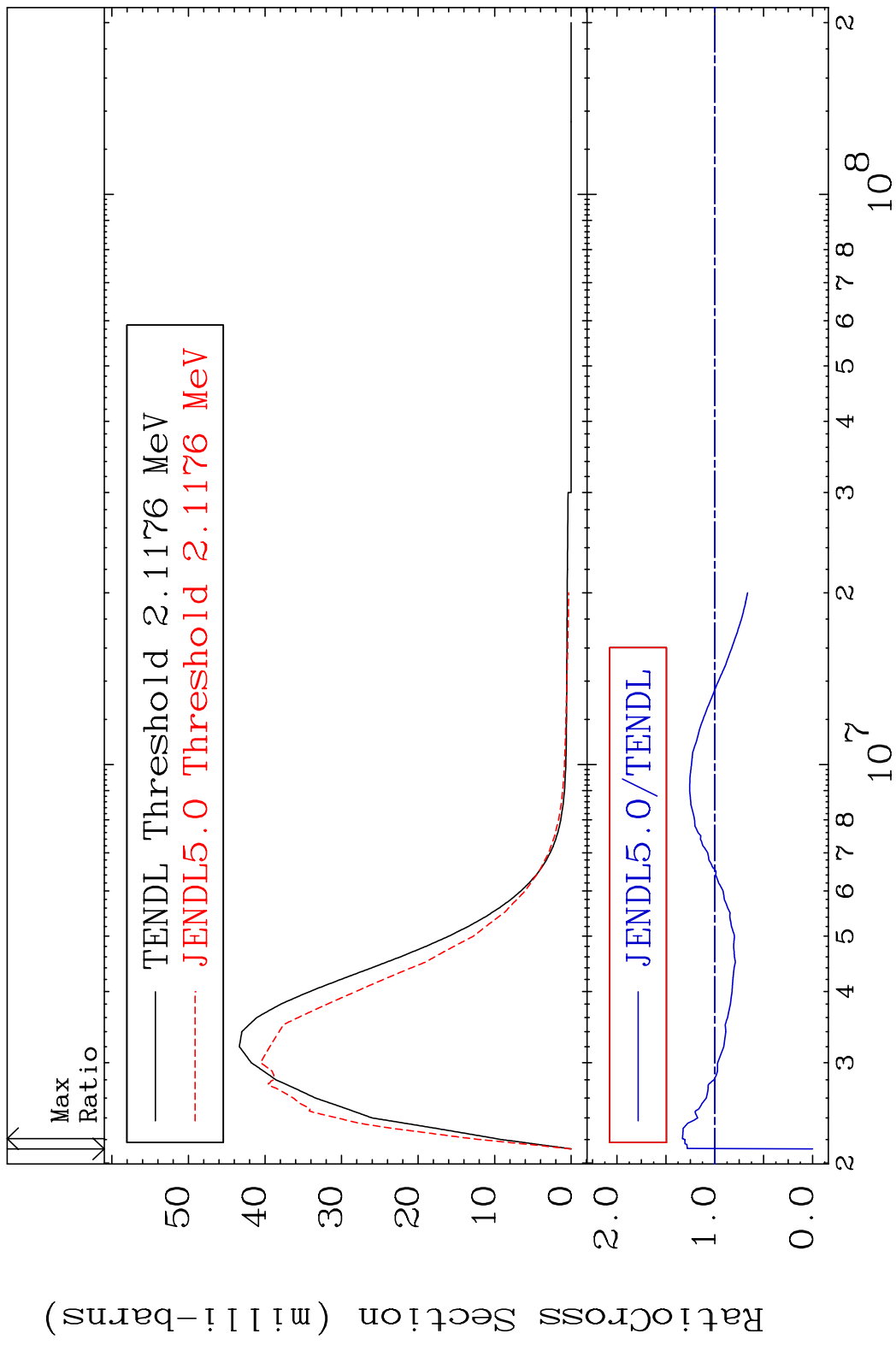
MAT 5255 MT= 56 (n, n') Level 52-Te-130
 Cross Section -100.0 To 9999. %



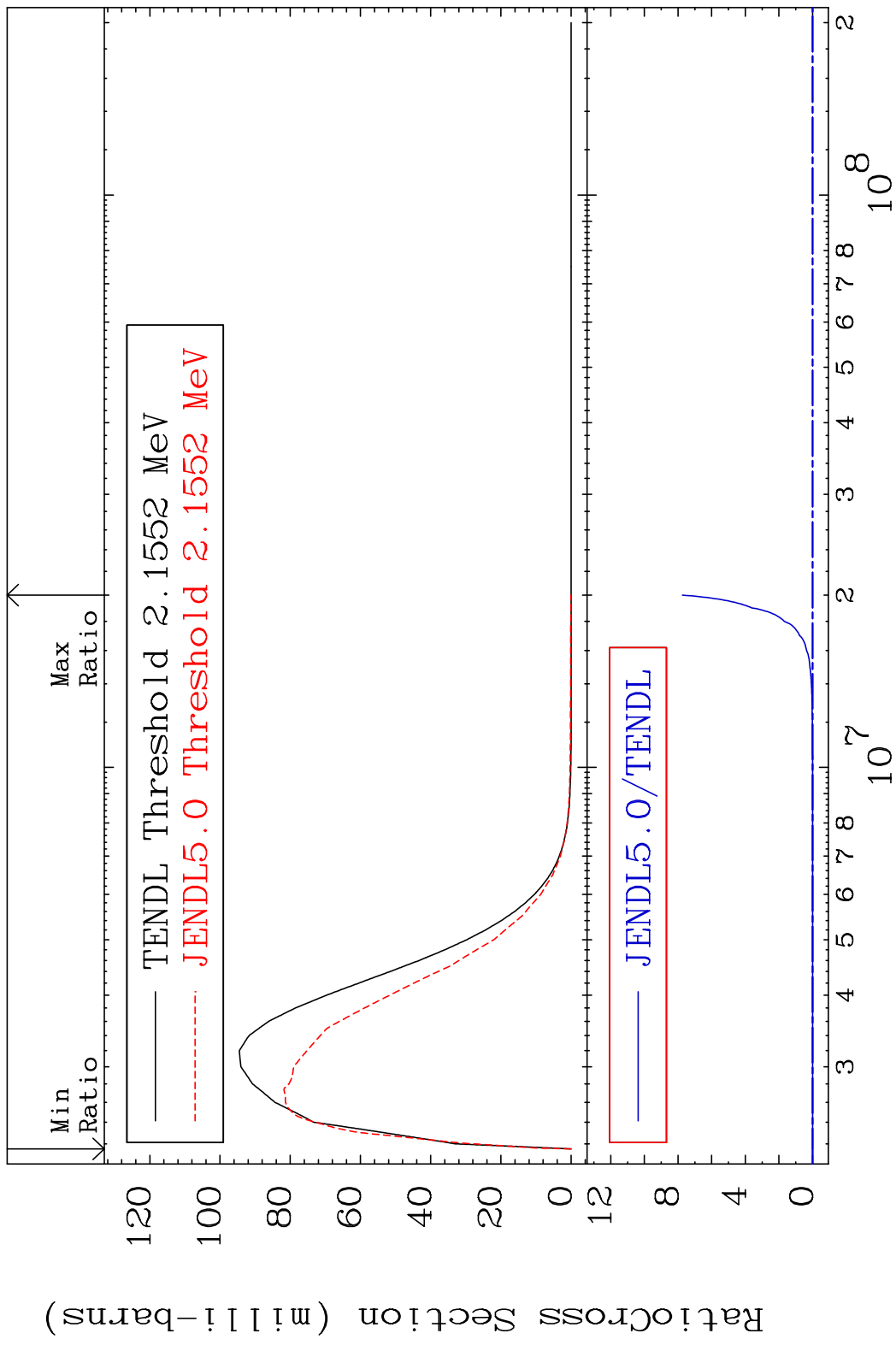
MAT 5255 MT= 57 (n, n') Level 52-Te-130
 Cross Section -100.0 To 24.63 %



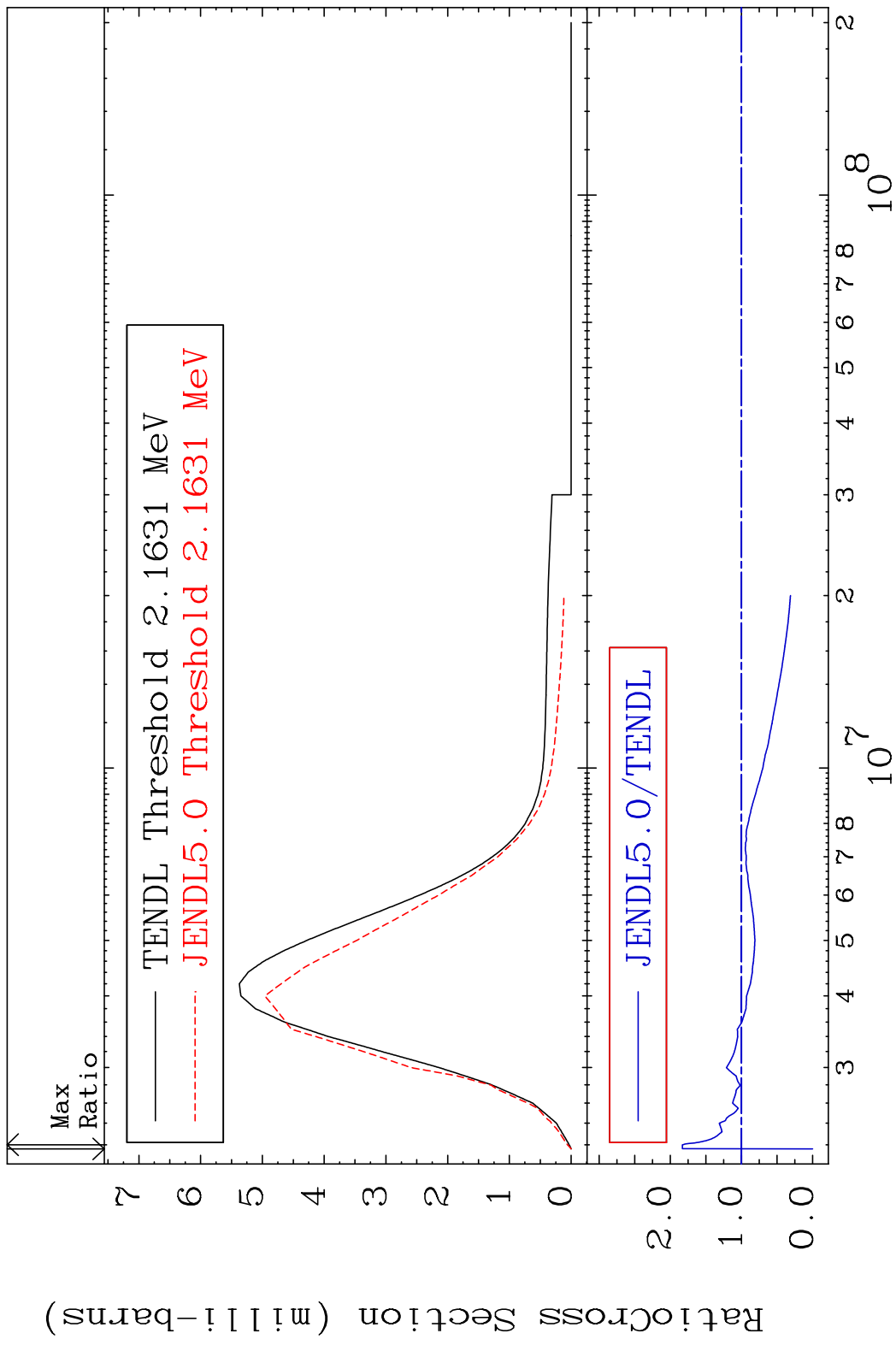
MAT 5255 MT= 58 (n,n') Level 52-Te-130
 Cross Section -100.0 To 33.15 %



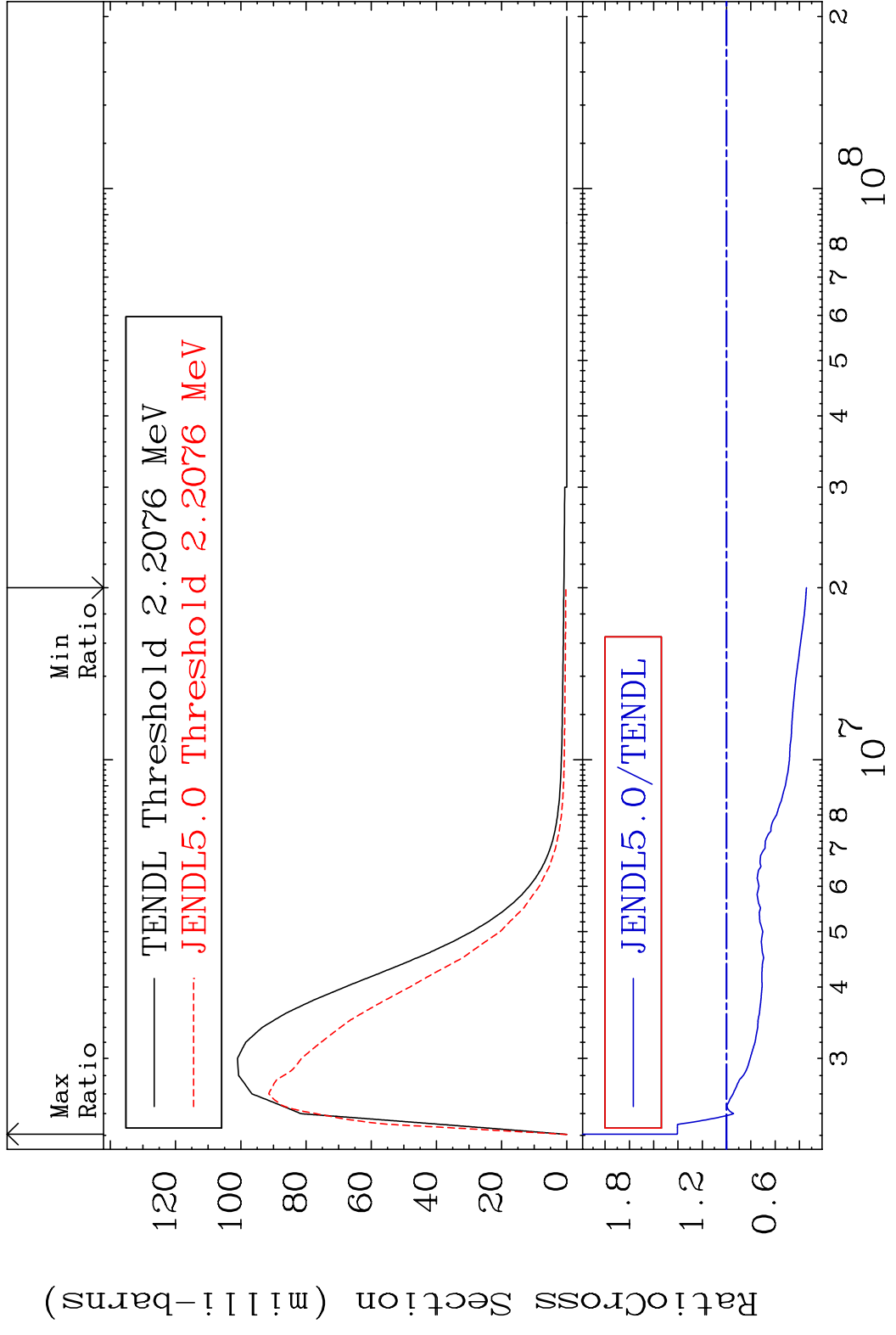
MAT 5255 MT= 59 (n, n') Level 52-Te-130
 Cross Section -100.0 To 9999. %



MAT 5255 MT= 60 (n, n') Level 52-Te-130
 Cross Section -100.0 To 83.05 %

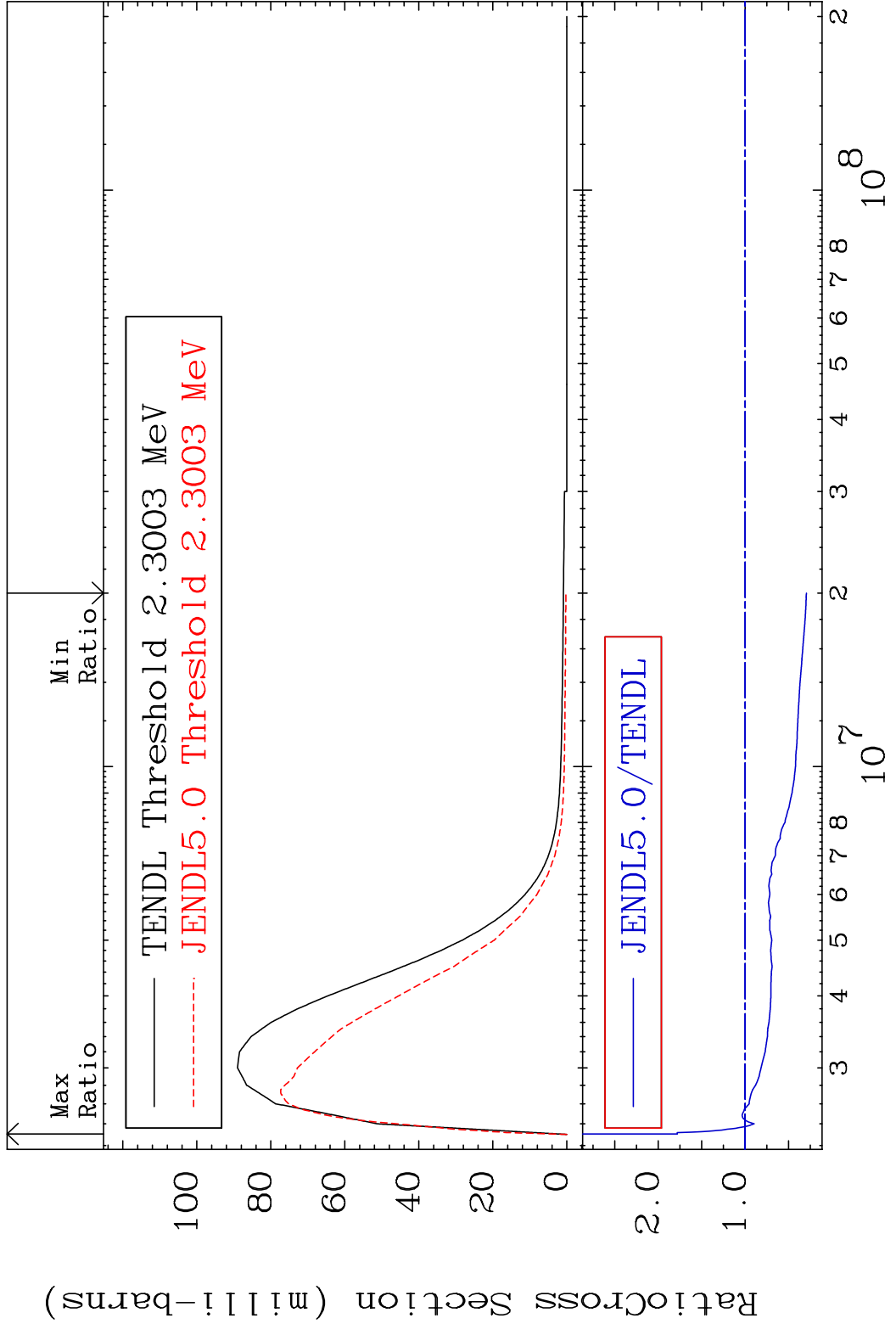


MAT 5255 MT= 61 (n, n') Level 52-Te-130
 Cross Section -65.75 To 40.65 %

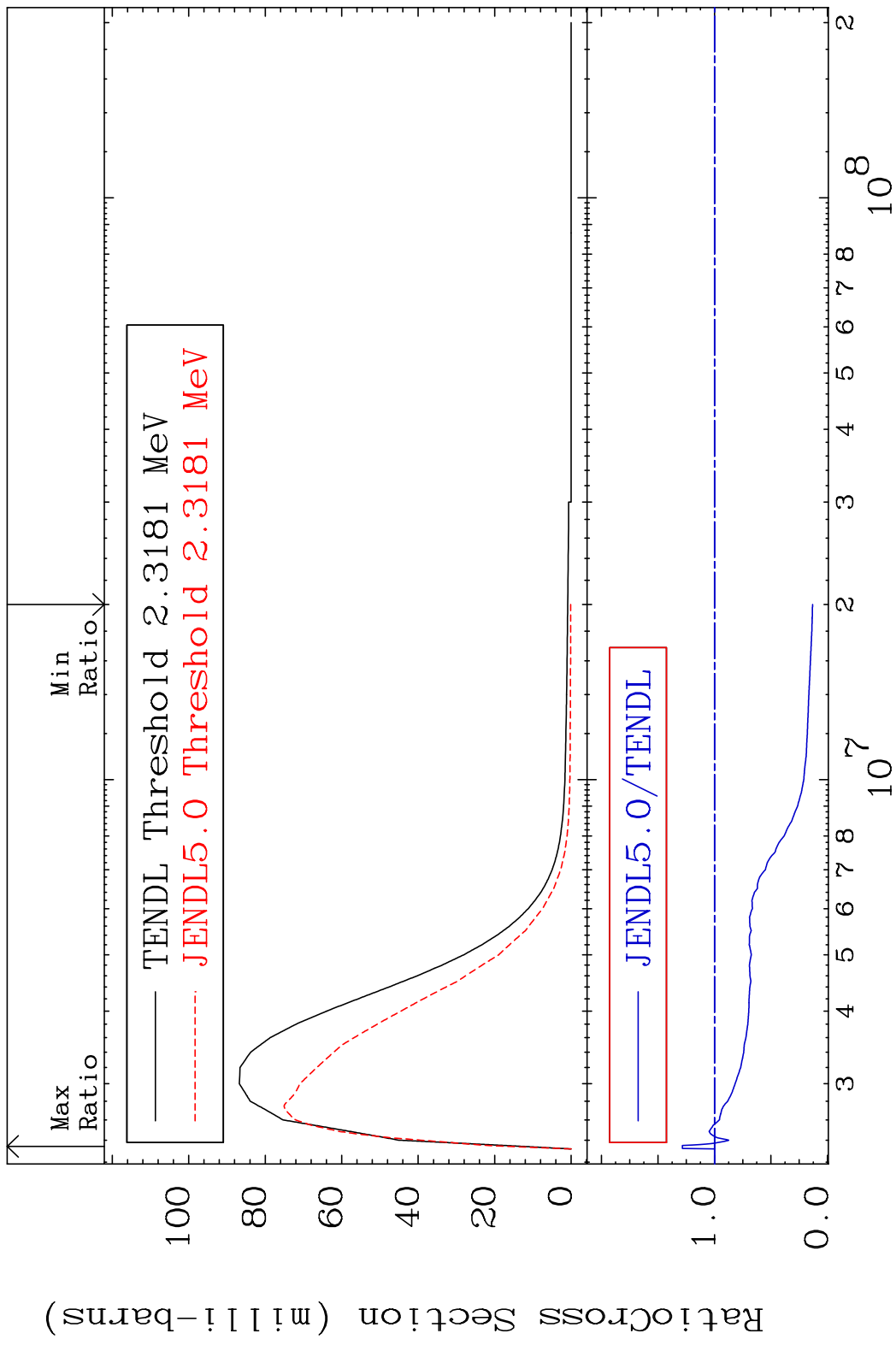


20 52-Te-130

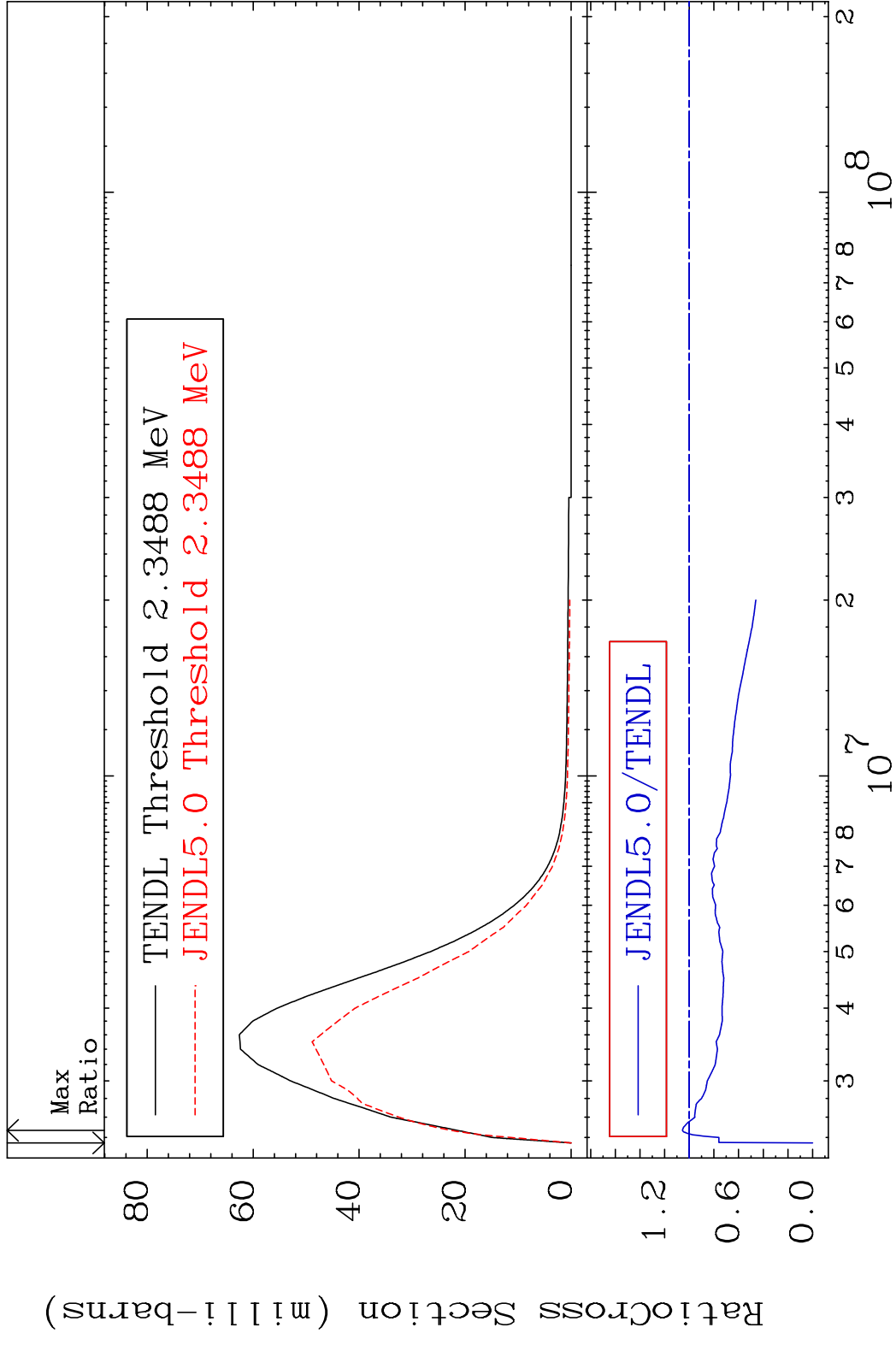
MAT 5255 MT= 62 (n,n') Level 52-Te-130
 Cross Section -70.40 To 78.23 %



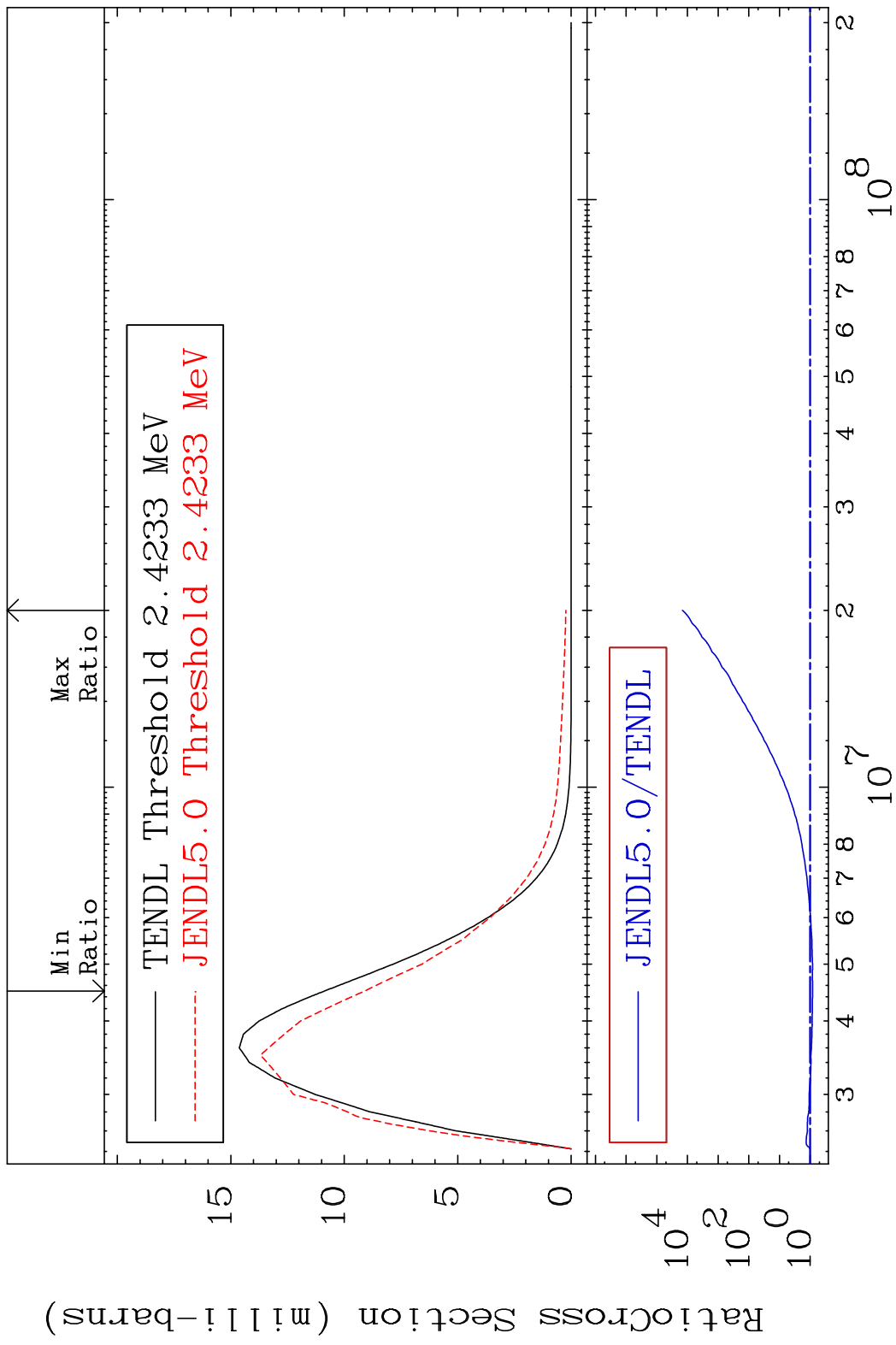
MAT 5255 MT= 63 (n,n') Level 52-Te-130
 Cross Section -86.82 To 28.43 %



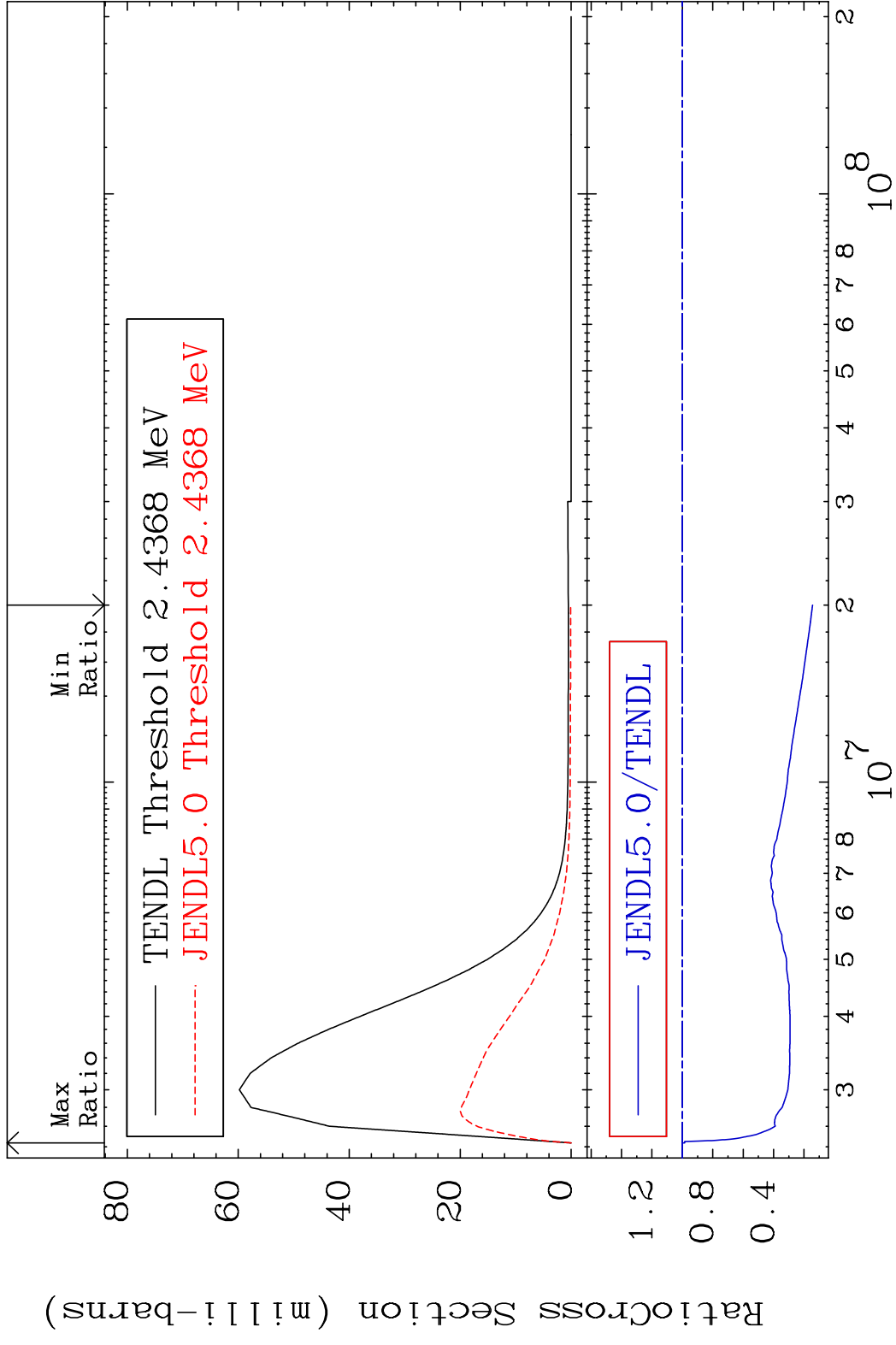
MAT 5255 MT= 64 (n, n') Level 52-Te-130
 Cross Section -100.0 To 5.635 %



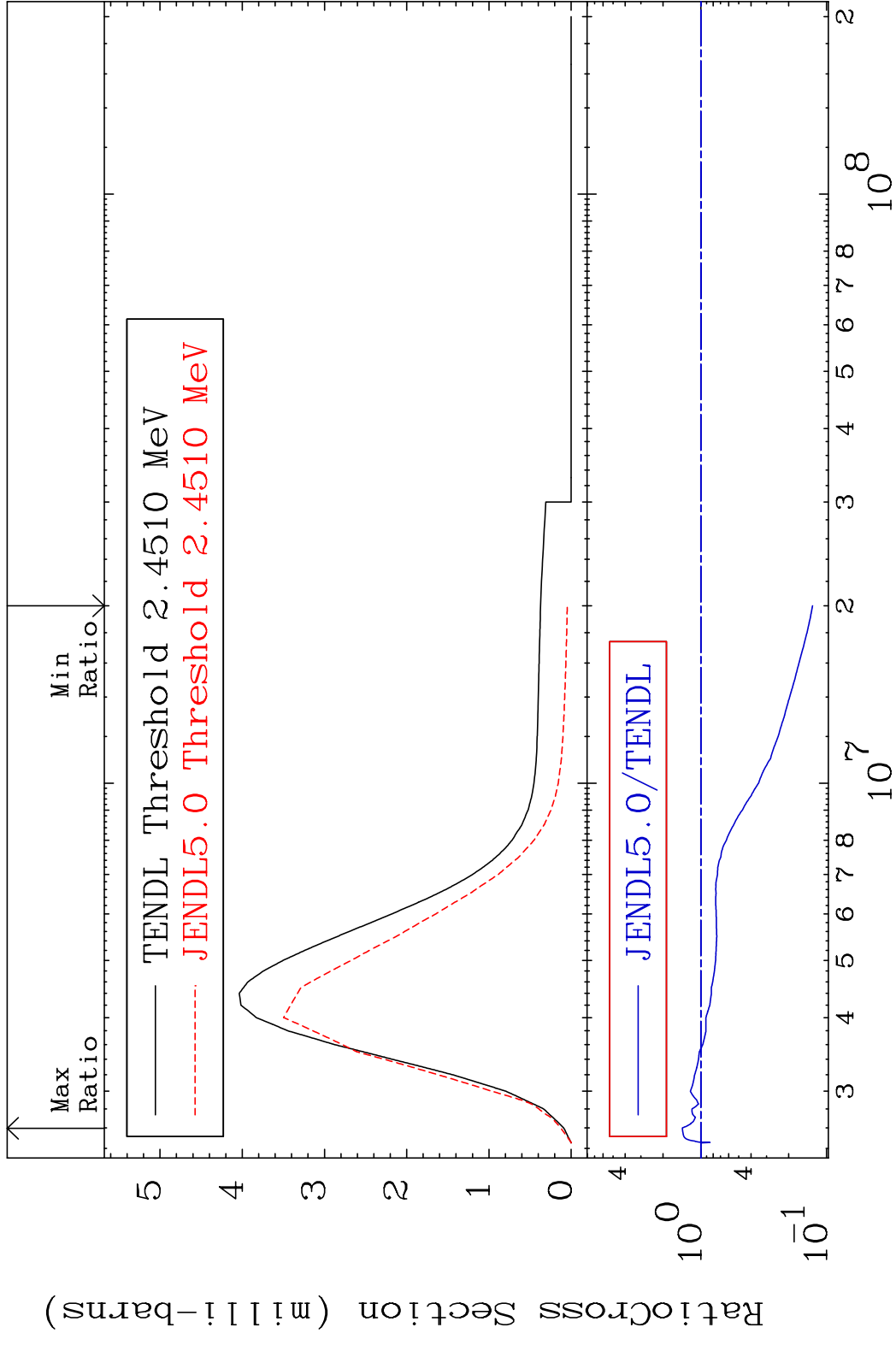
MAT 5255 MT= 65 (n, n') Level 52-Te-130
 Cross Section -16.28 To 9999. %



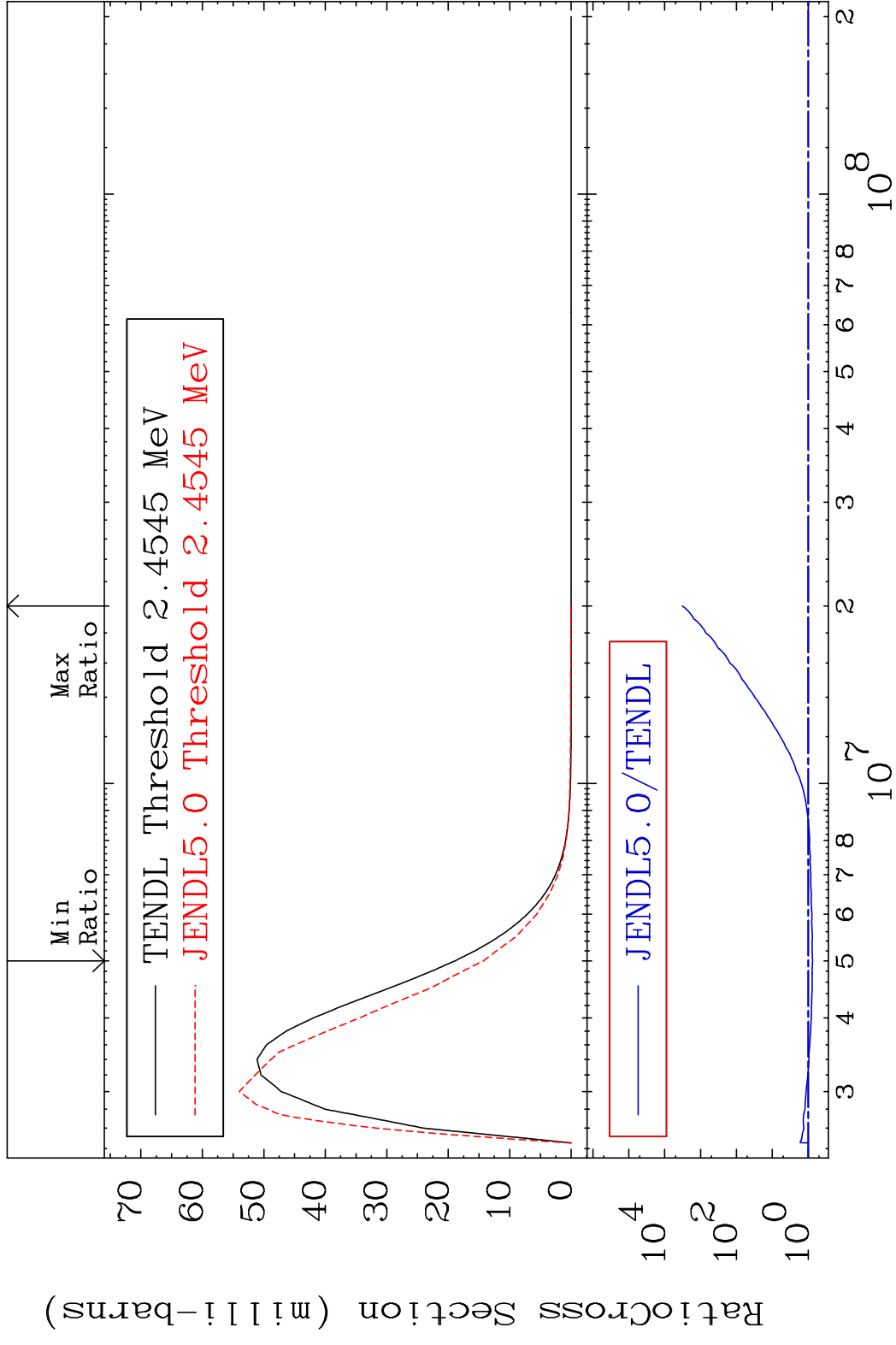
MAT 5255 MT= 66 (n,n') Level 52-Te-130
 Cross Section -85.60 To 0.000 %



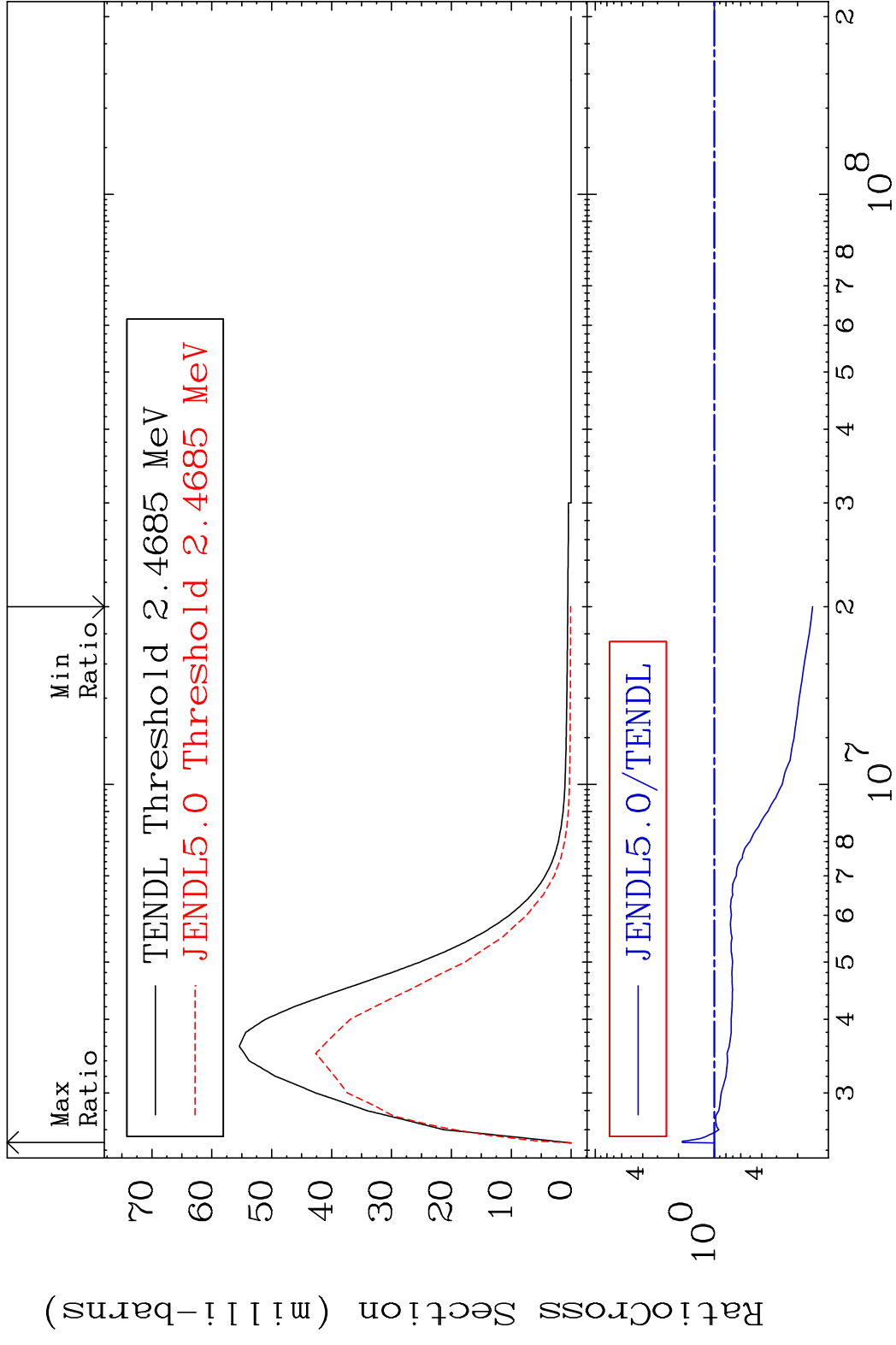
MAT 5255 MT= 67 (n, n') Level 52-Te-130
 Cross Section -87.06 To 40.46 %



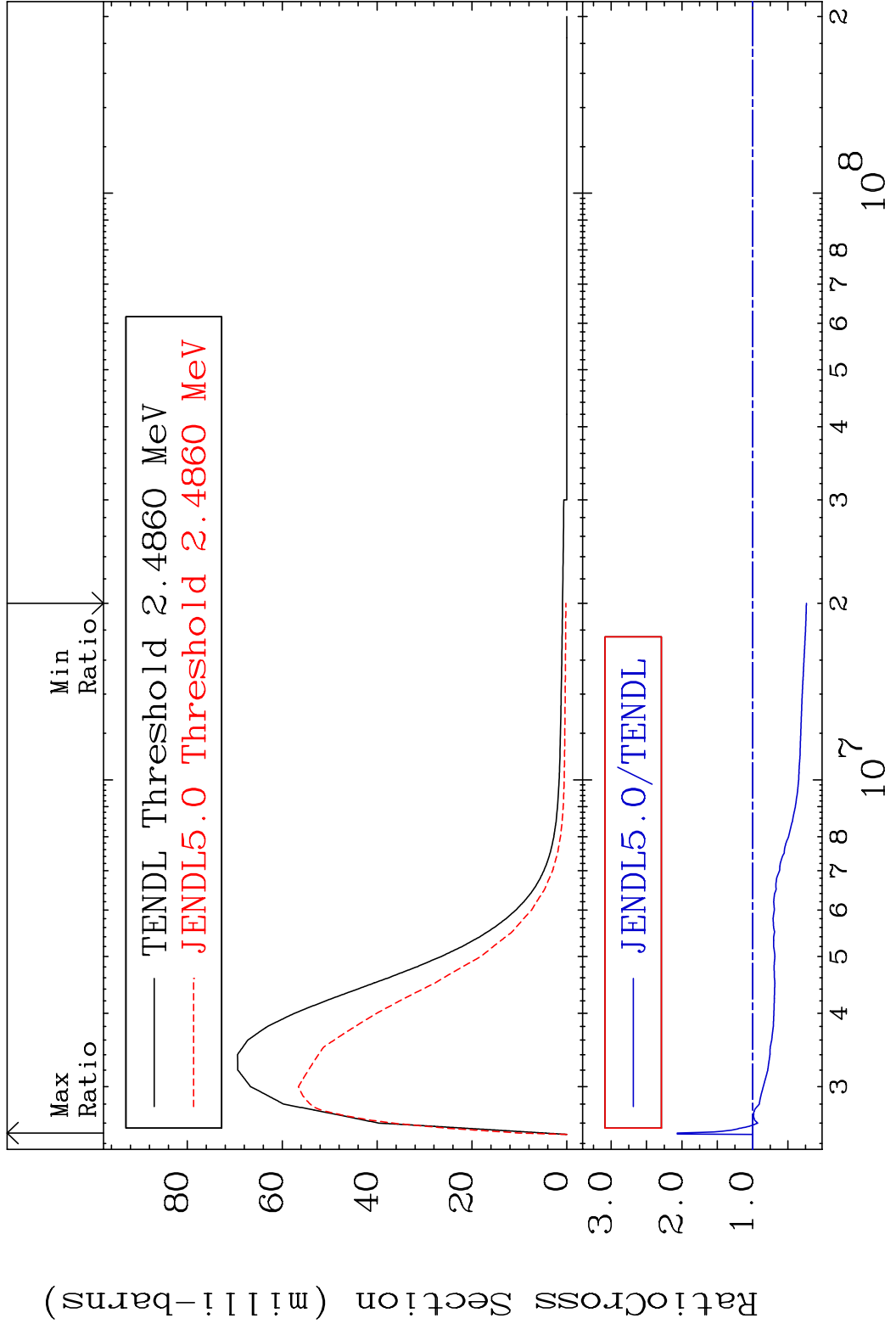
MAT 5255 MT= 68 (n, n') Level 52-Te-130
 Cross Section -24.47 To 9999. %



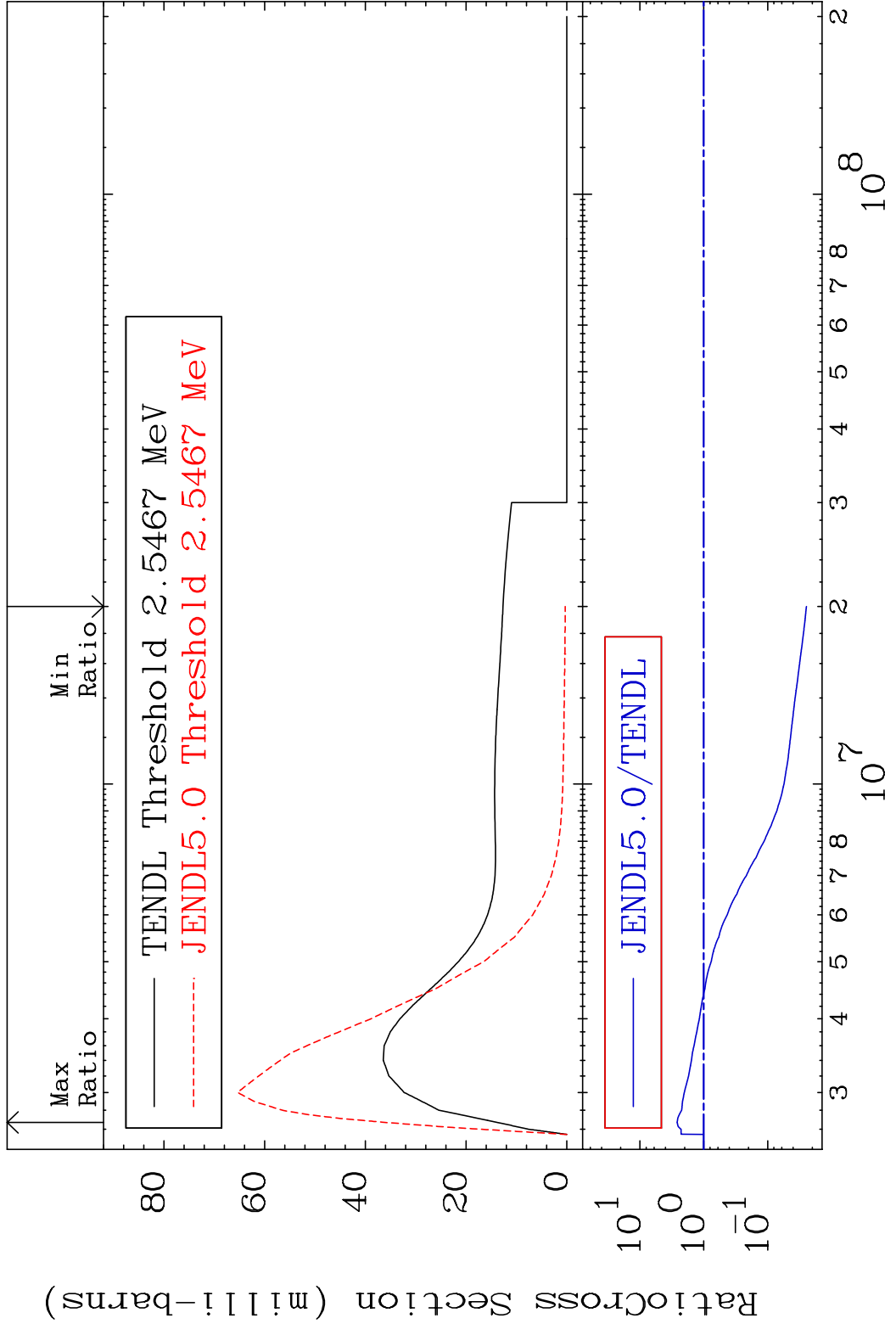
MAT 5255 MT= 69 (n, n') Level 52-Te-130
 Cross Section -85.04 To 85.67 %



MAT 5255 MT= 70 (n,n') Level 52-Te-130
 Cross Section -76.14 To 106.6 %

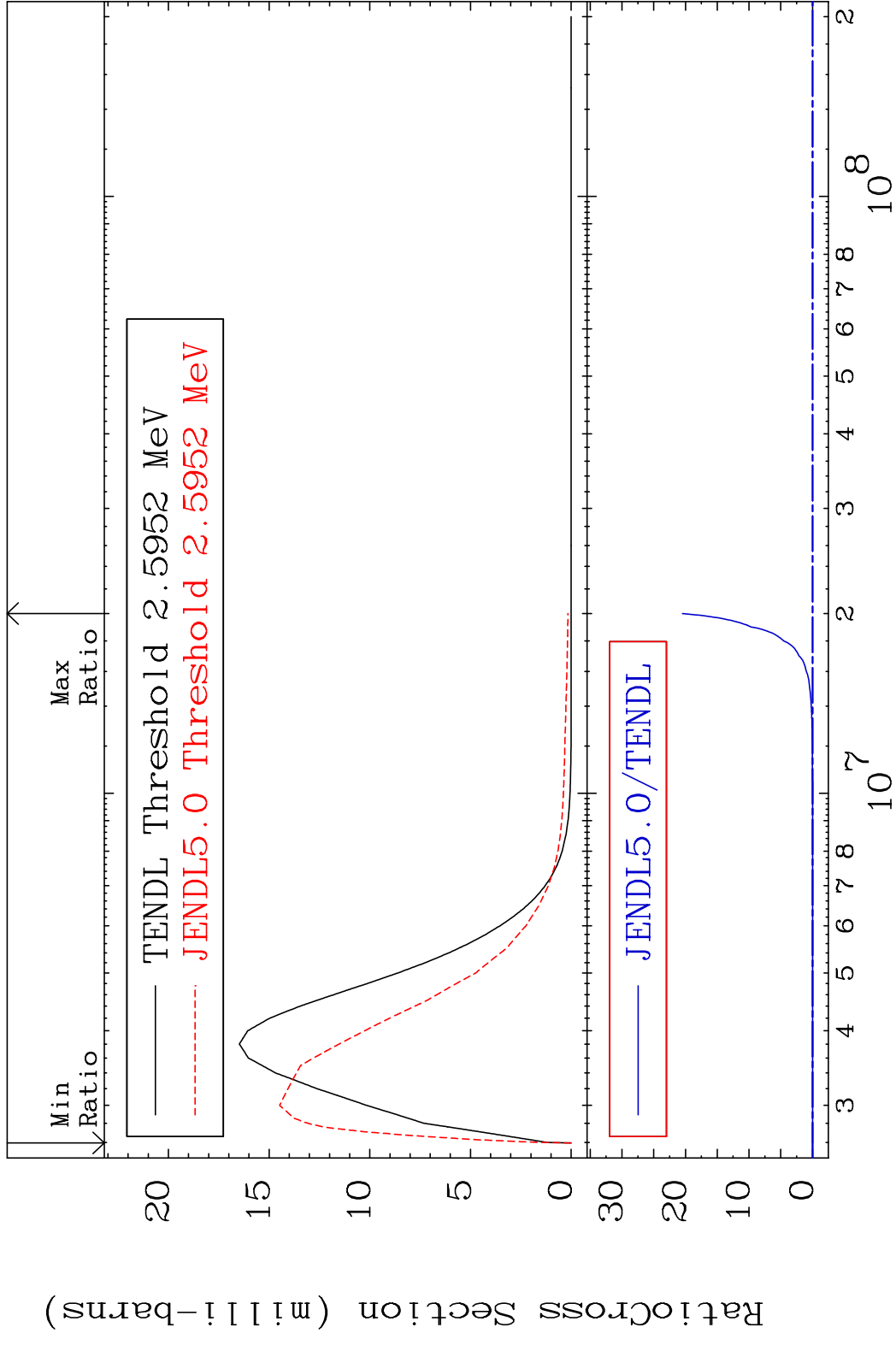


MAT 5255 MT= 71 (n,n') Level 52-Te-130
 Cross Section -97.53 To 161.2 %

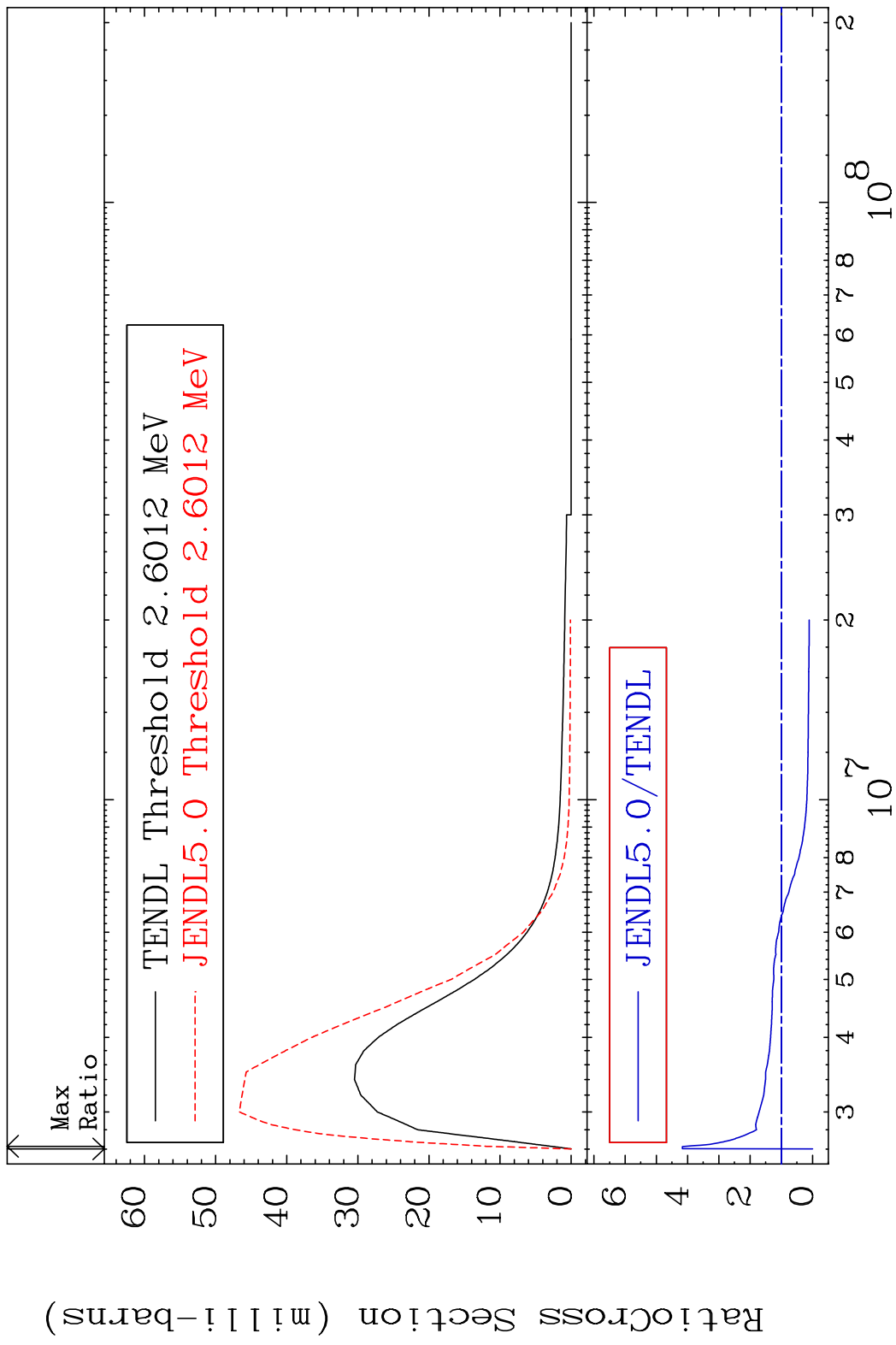


30 52-Te-130

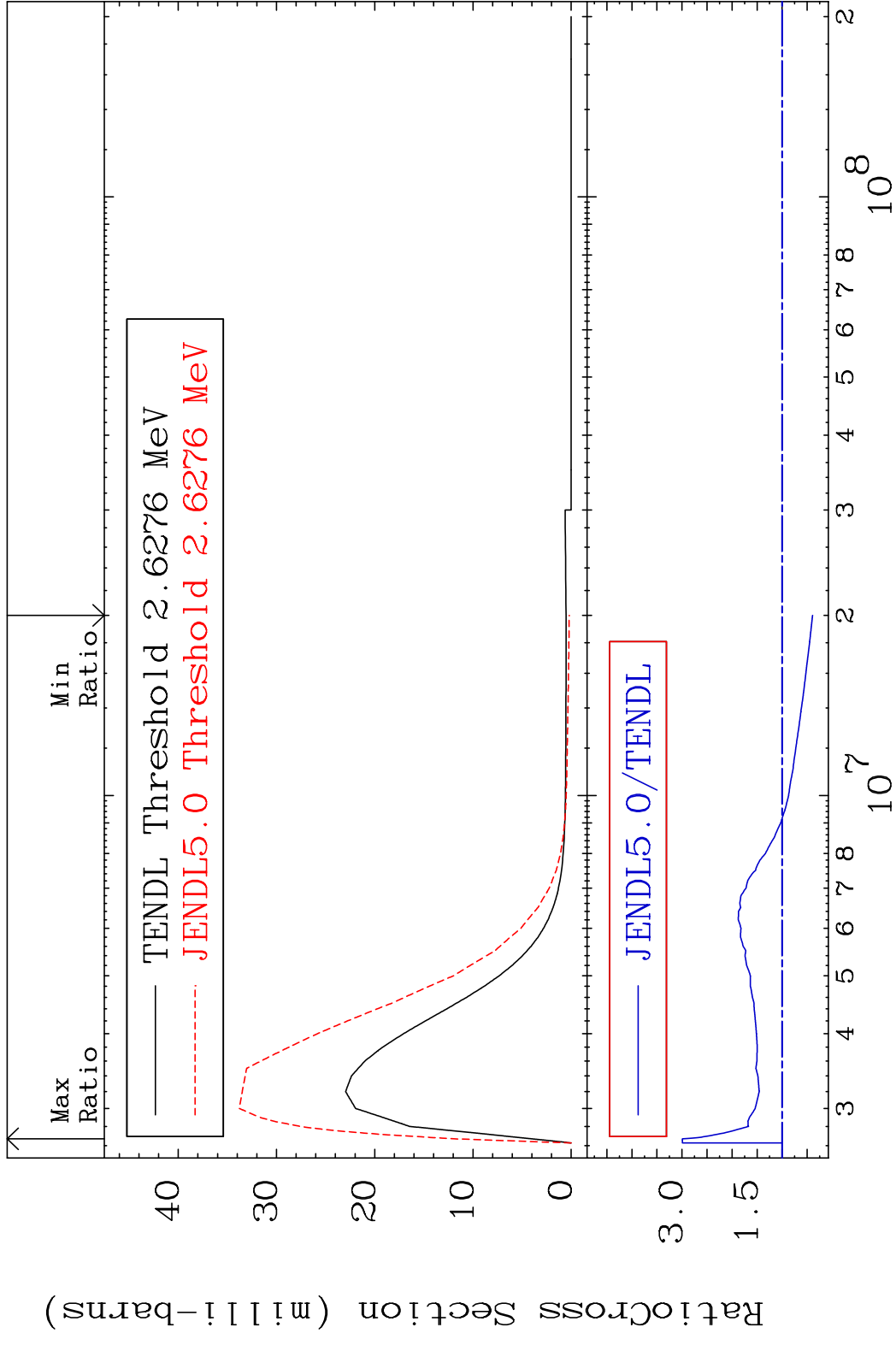
MAT 5255 MT= 72 (n, n') Level 52-Te-130
 Cross Section -100.0 To 9999. %



MAT 5255 MT= 73 (n, n') Level 52-Te-130
 Cross Section -100.0 To 316.9 %

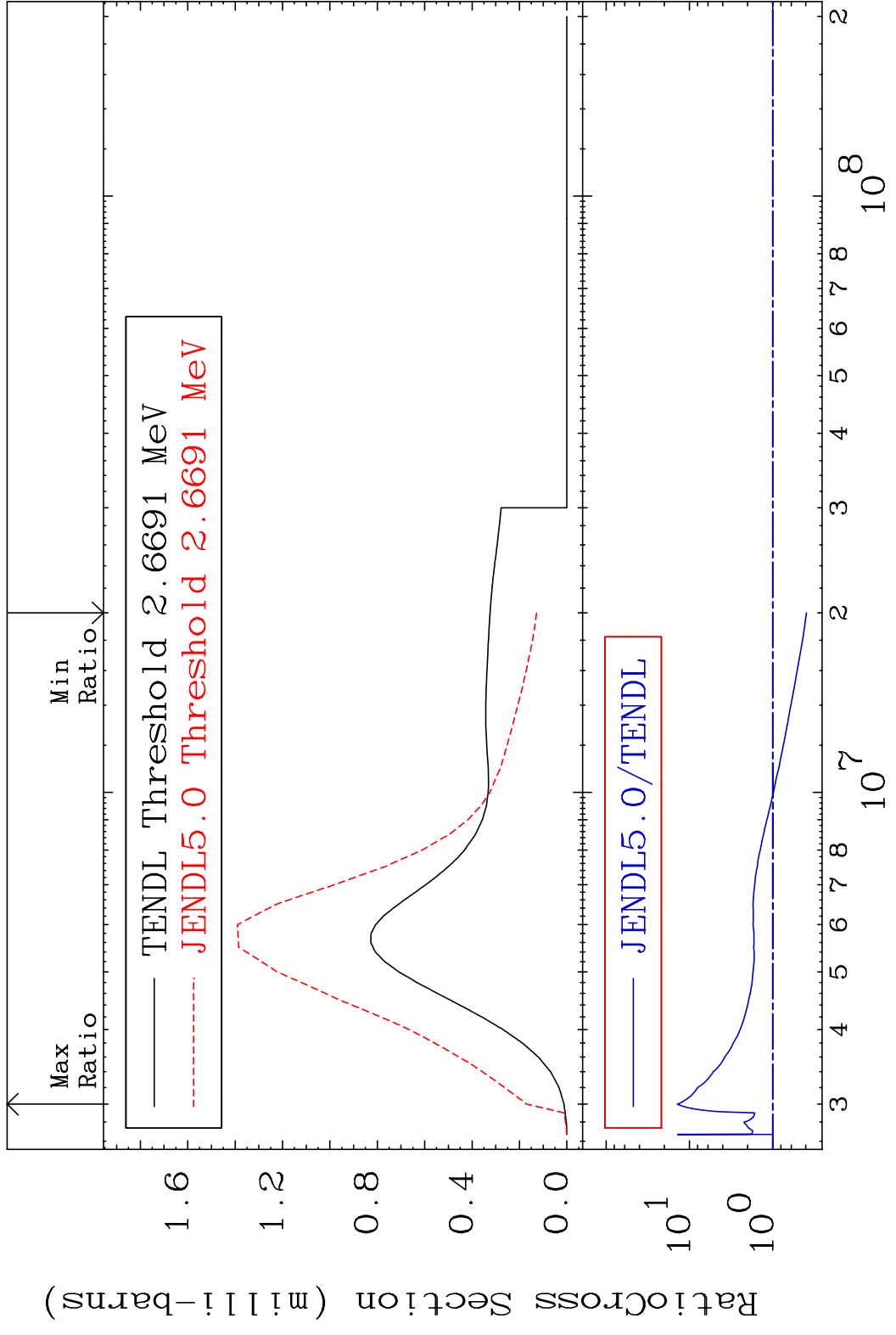


MAT 5255 MT= 74 (n,n') Level 52-Te-130
 Cross Section -60.76 To 199.3 %

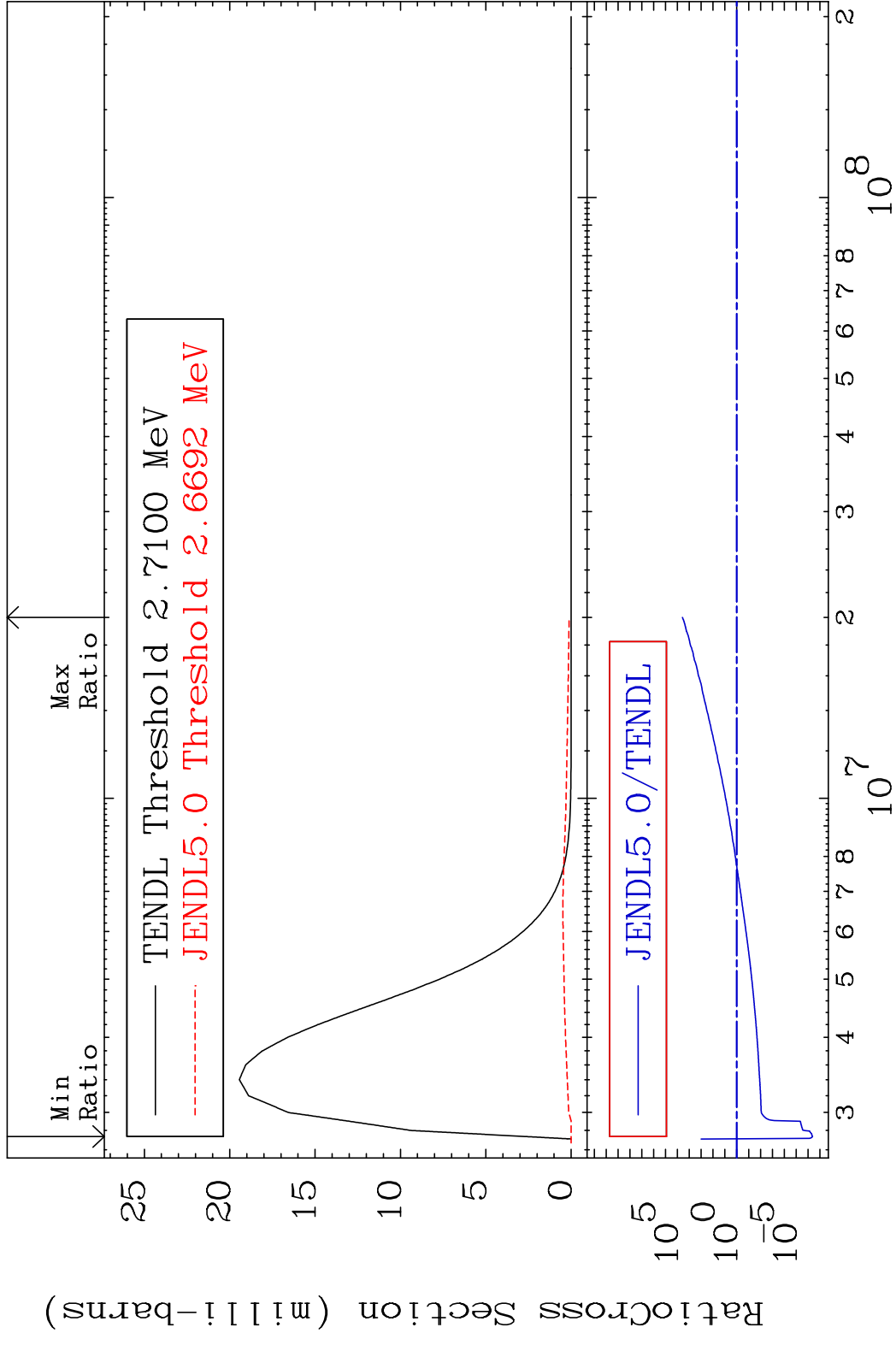


33 Incident Energy (eV) 52-Te-130

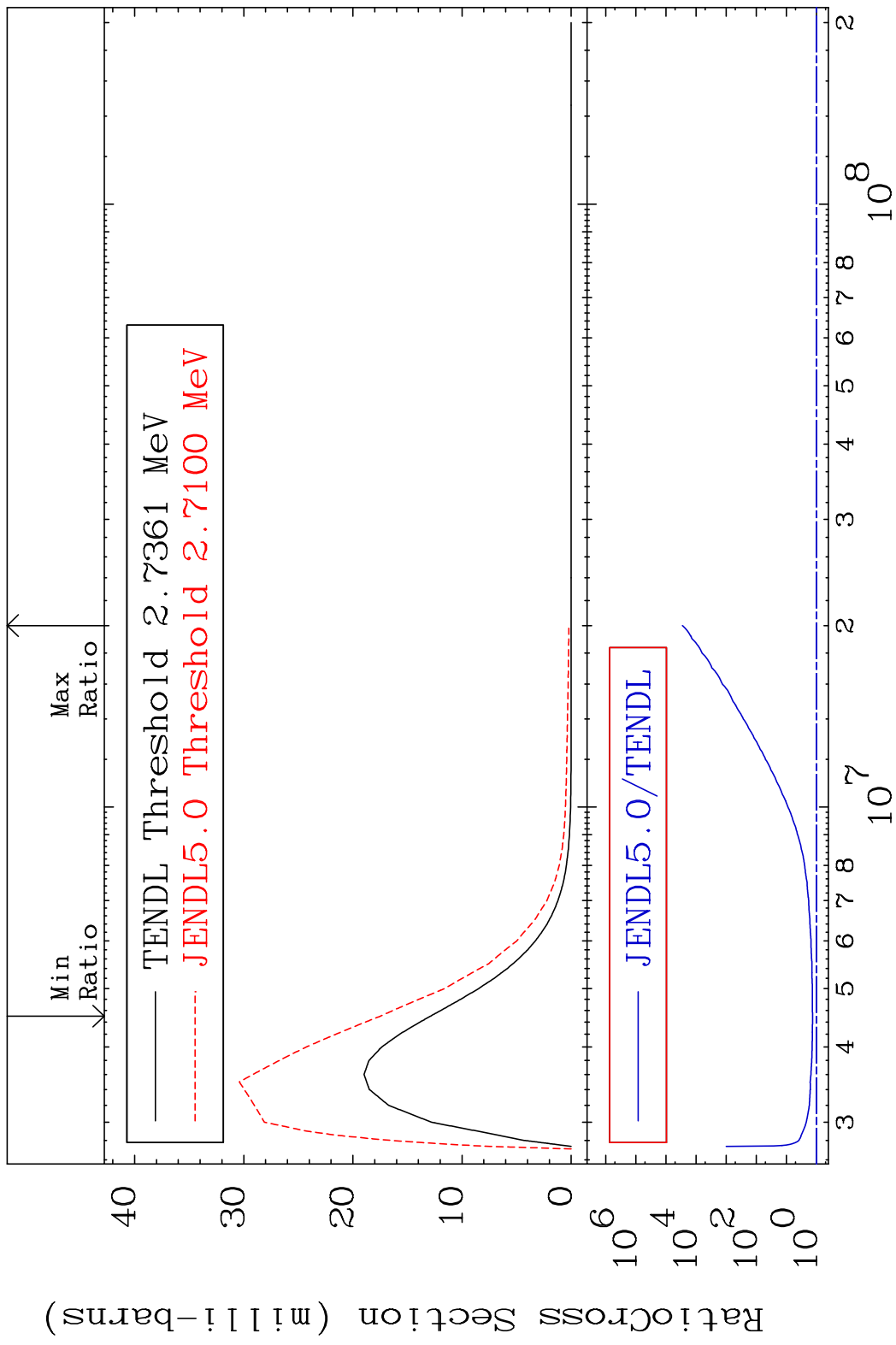
MAT 5255 MT= 75 (n,n') Level 52-Te-130
 Cross Section -60.60 To 1305. %



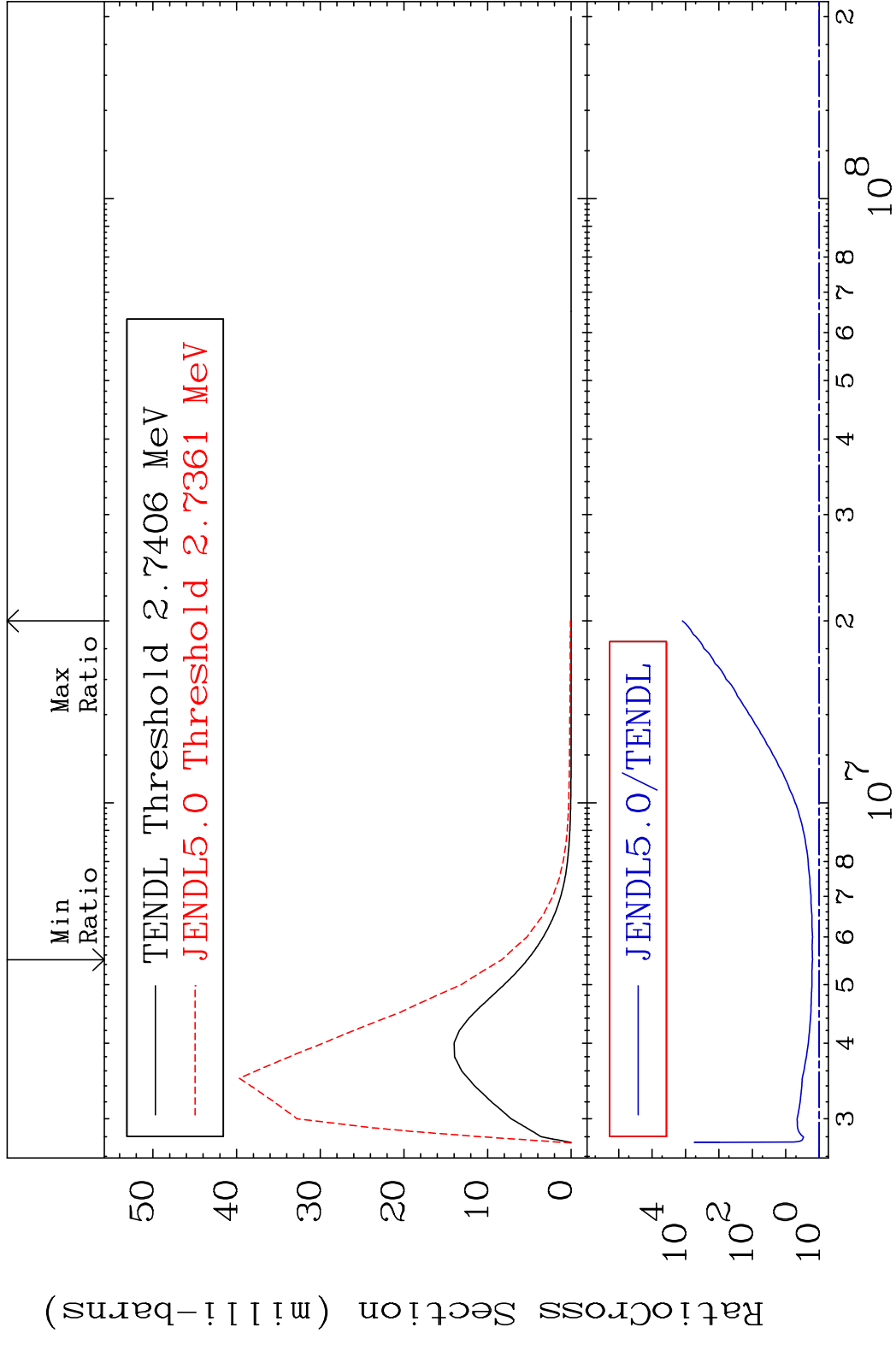
MAT 5255 MT= 76 (n,n') Level 52-Te-130
 Cross Section -100.0 To 9999. %



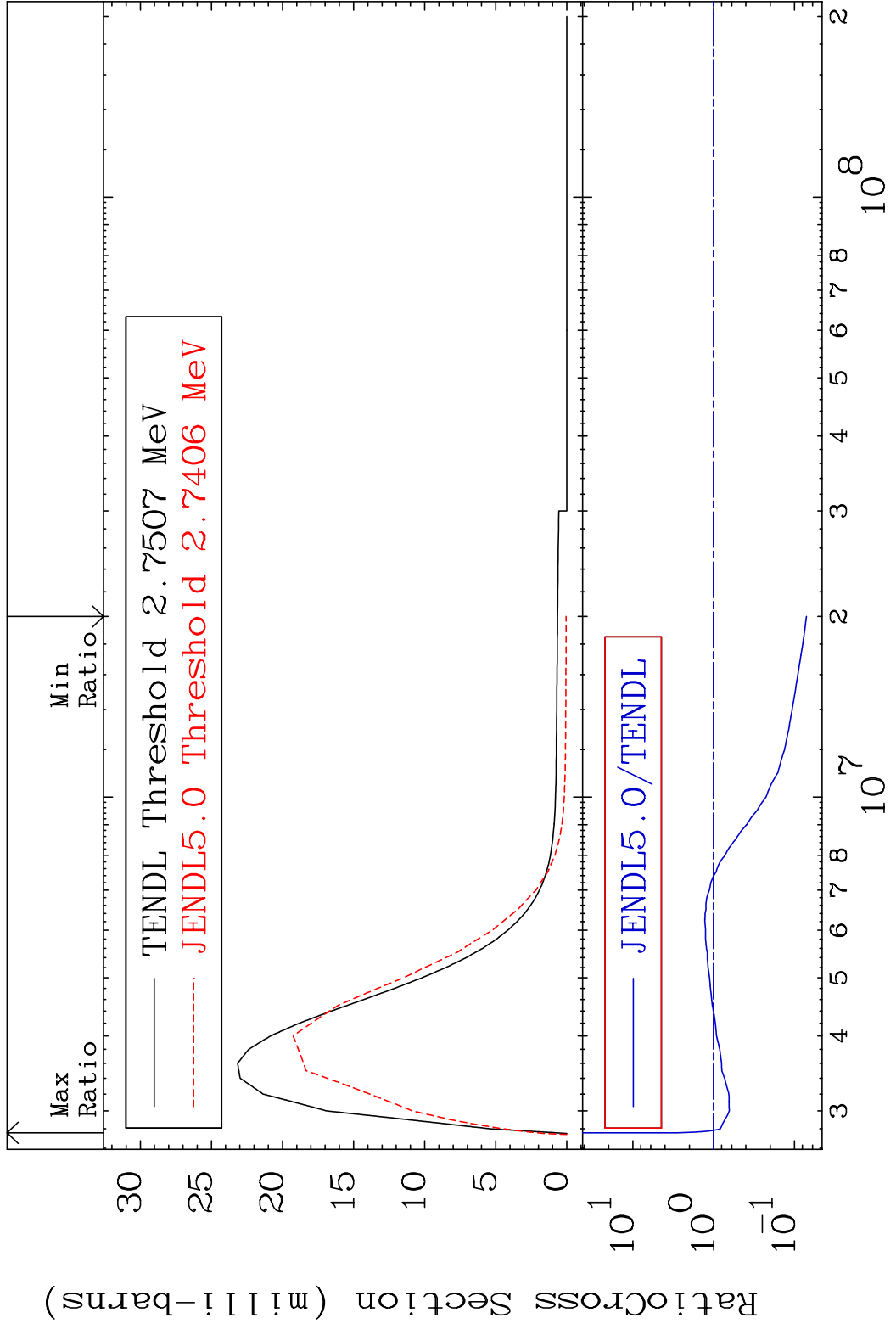
MAT 5255 MT= 77 (n,n') Level 52-Te-130
 Cross Section 35.60 To 9999. %



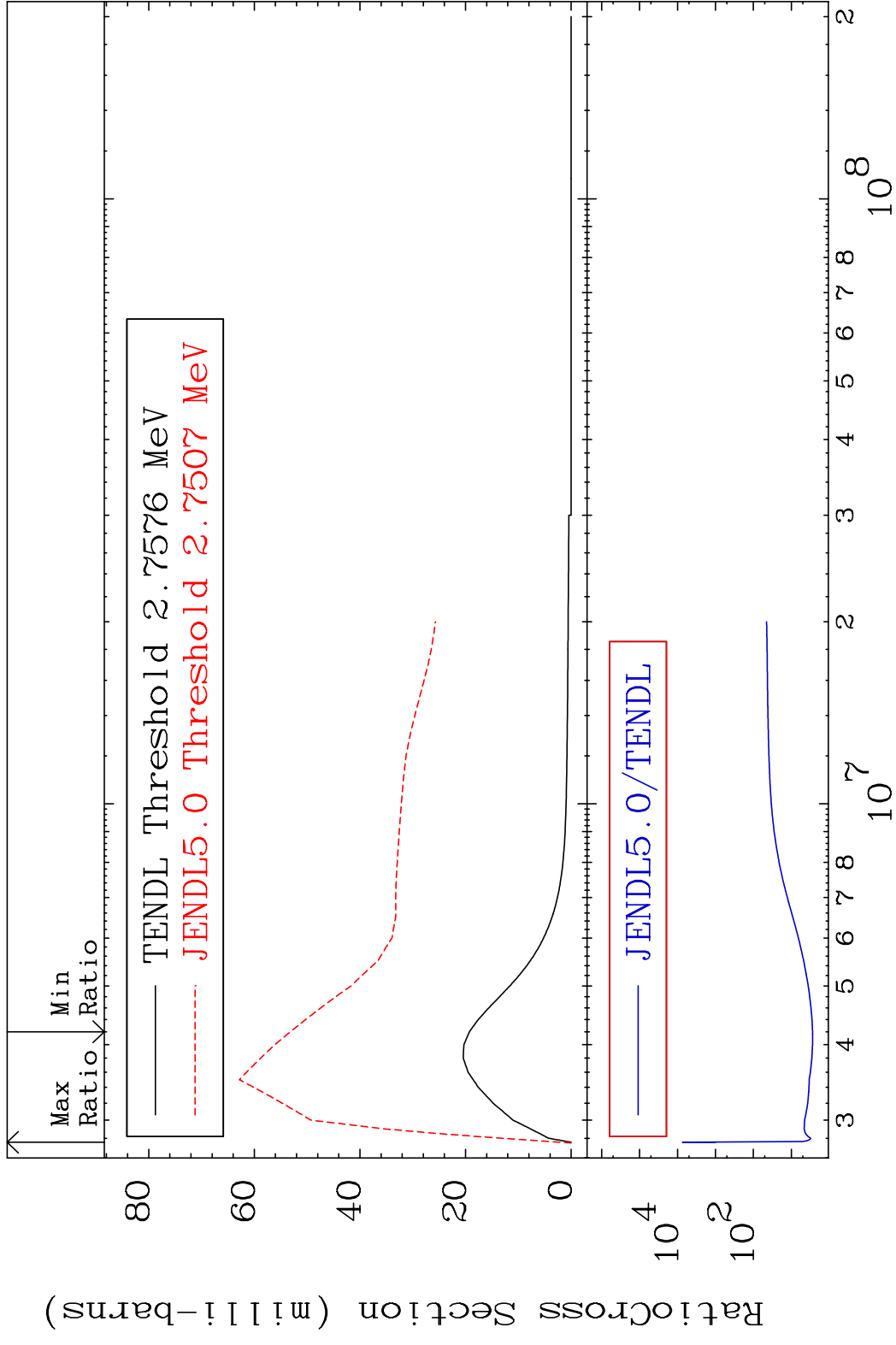
MAT 5255 MT= 78 (n, n') Level 52-Te-130
 Cross Section 58.07 To 9999. %



MAT 5255 MT= 79 (n,n') Level 52-Te-130
 Cross Section -92.87 To 183.3 %



MAT 5255 MT= 80 (n,n') Level 52-Te-130
 Cross Section 175.9 To 9999. %

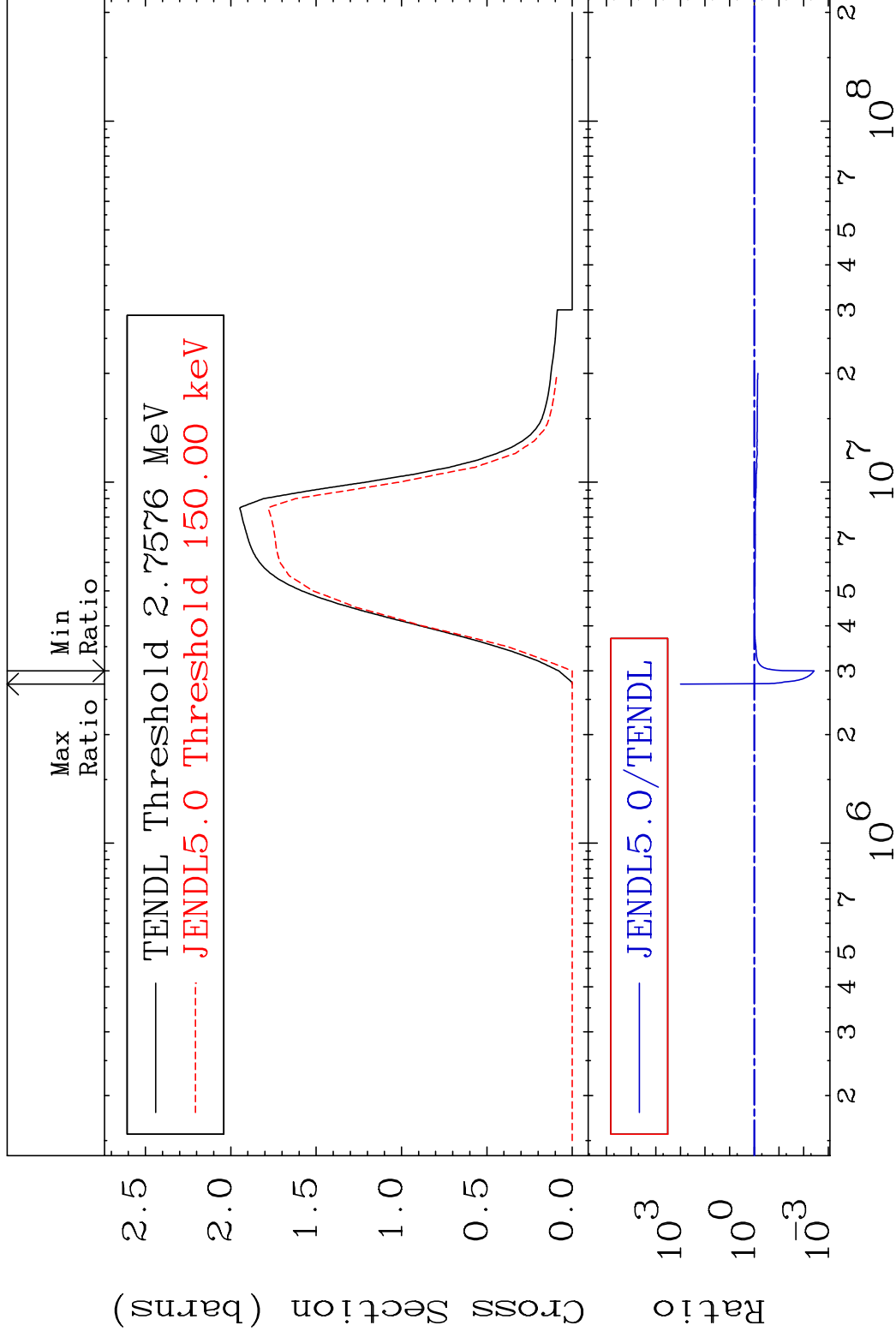


MAT 5255

(n, n') Continuum

52-Te-130

Cross Section -99.63 To 9999. %



40

Incident Energy (eV)

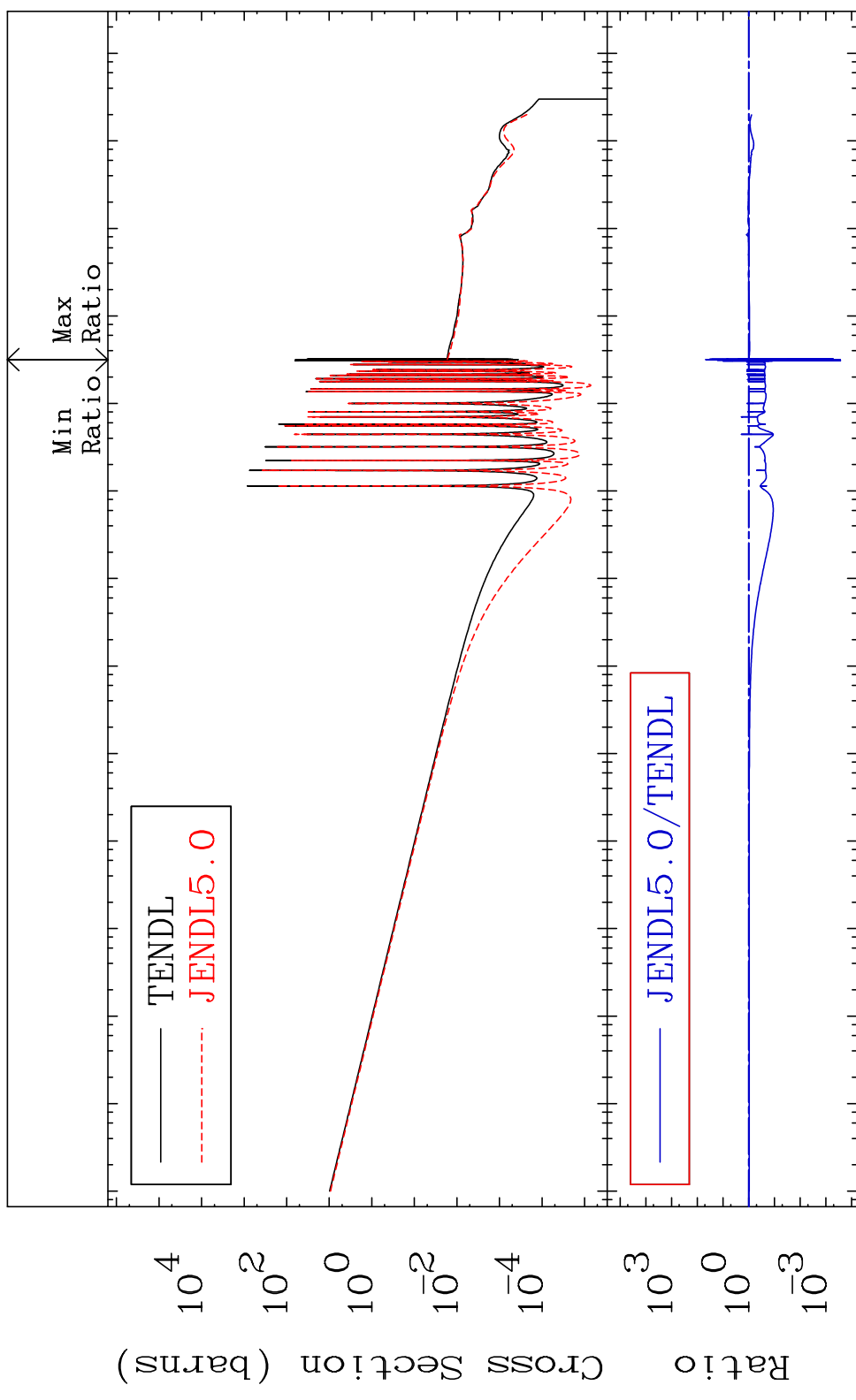
52-Te-130

MAT 5255

(n, γ)

52-Te-130

Cross Section -99.97 To 4557. %

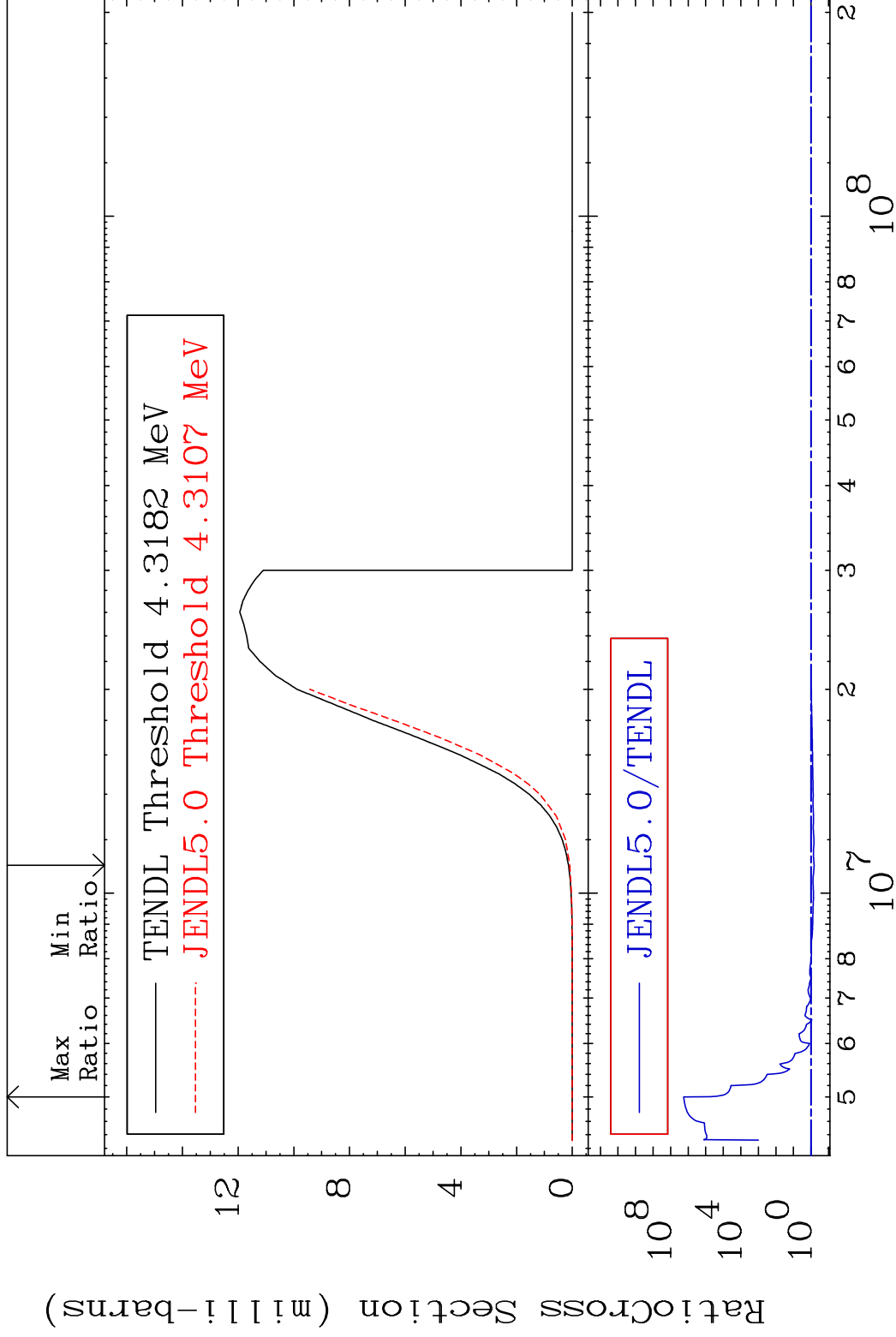


MAT 5255

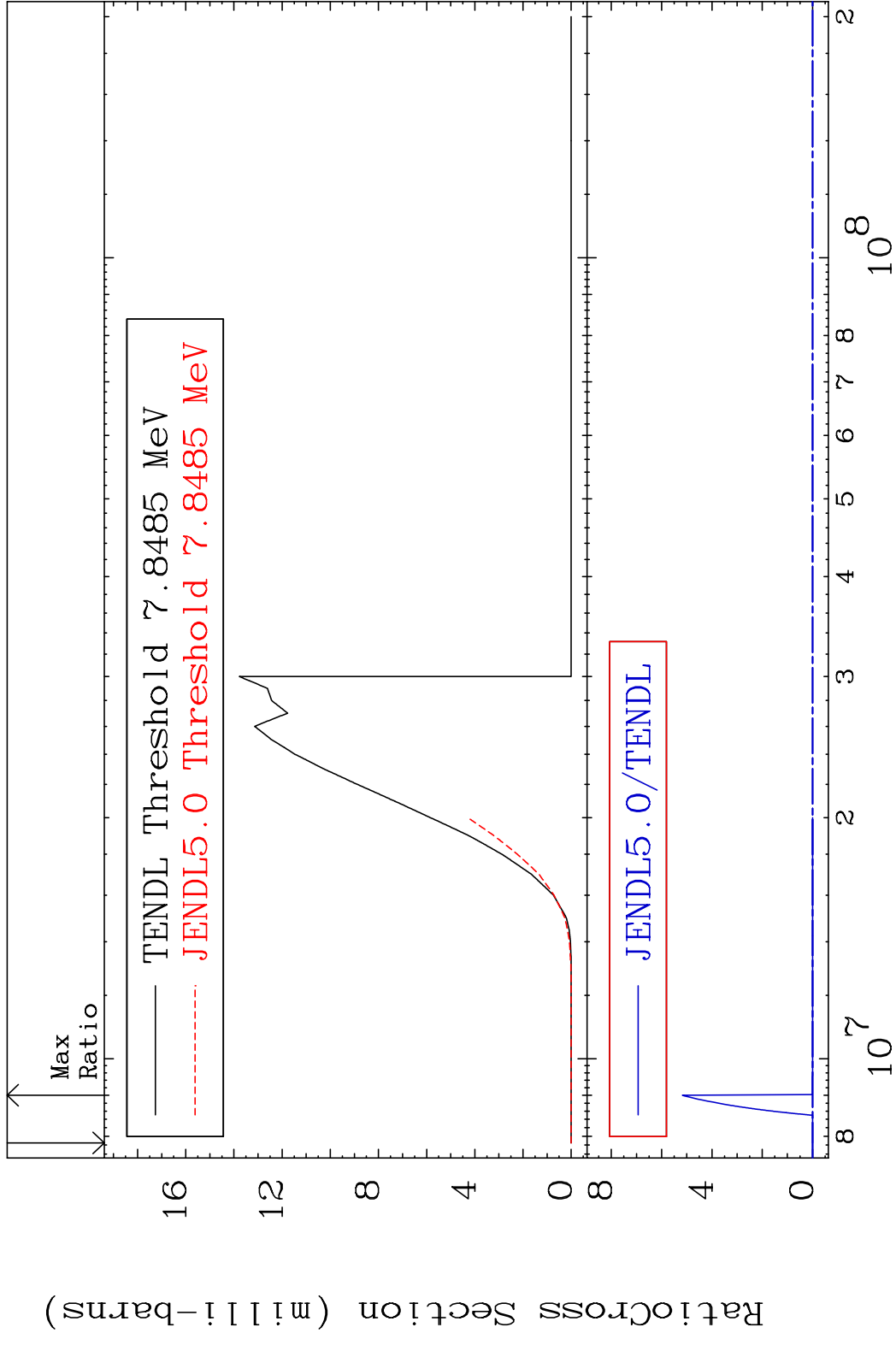
(n,p)

52-Te-130

Cross Section -33.33 To 9999. %



MAT 5255 (n,d) 52-Te-130
 Cross Section -100.0 To 9999. %



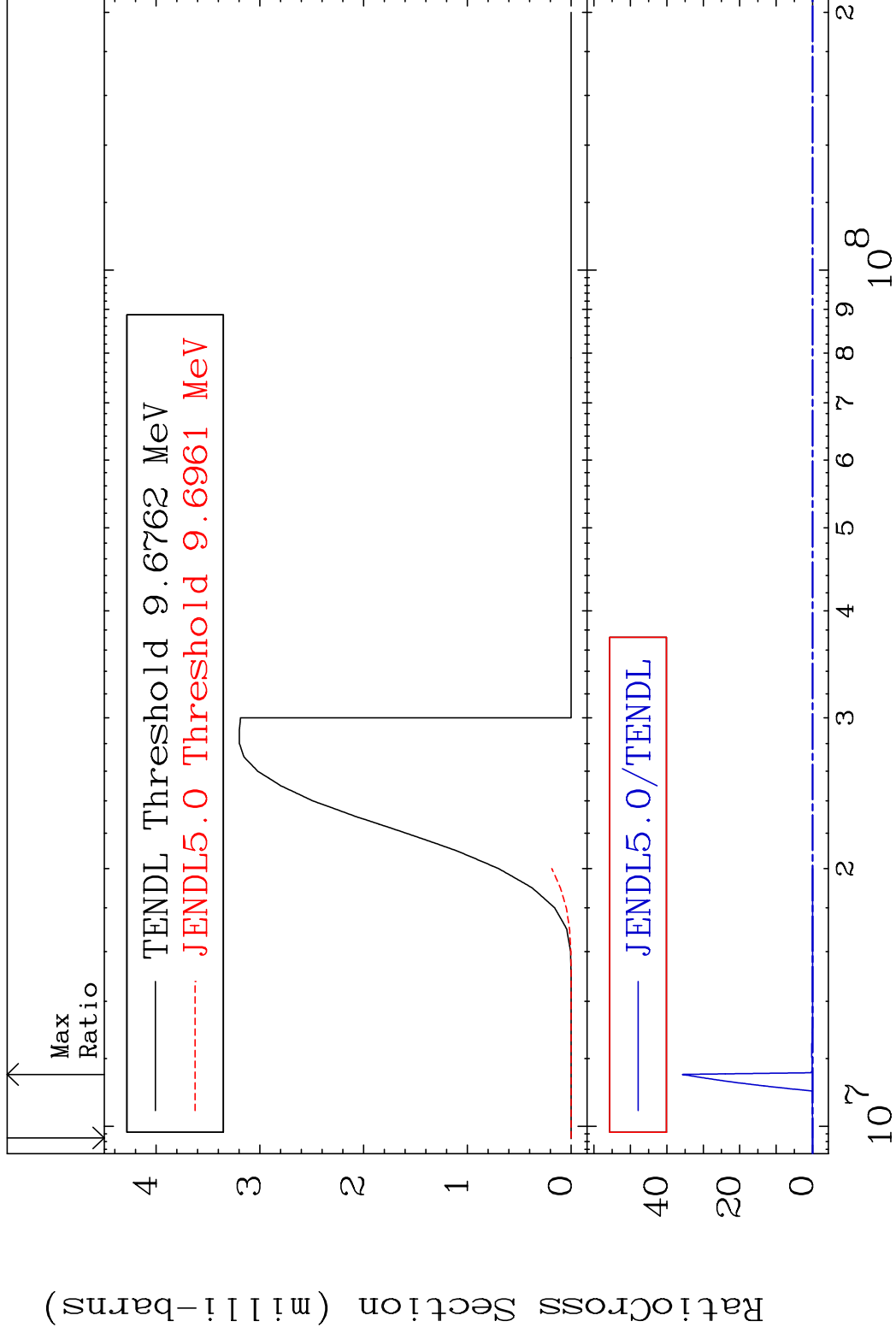
43 Incident Energy (eV) 52-Te-130

MAT 5255

(n, t)

52-Te-130

Cross Section -100.0 To 9999. %

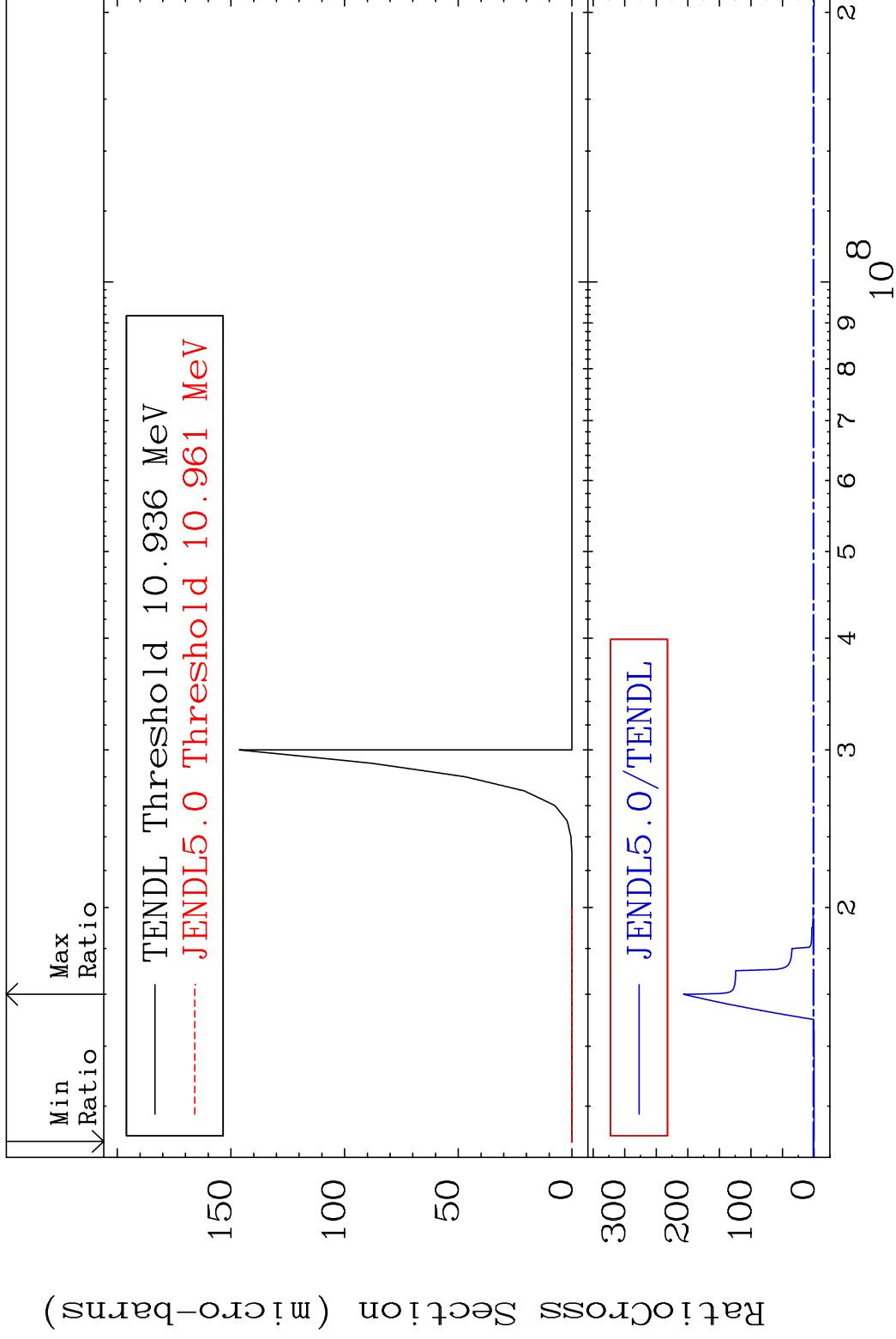


MAT 5255

(n, He-3)

52-Te-130

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

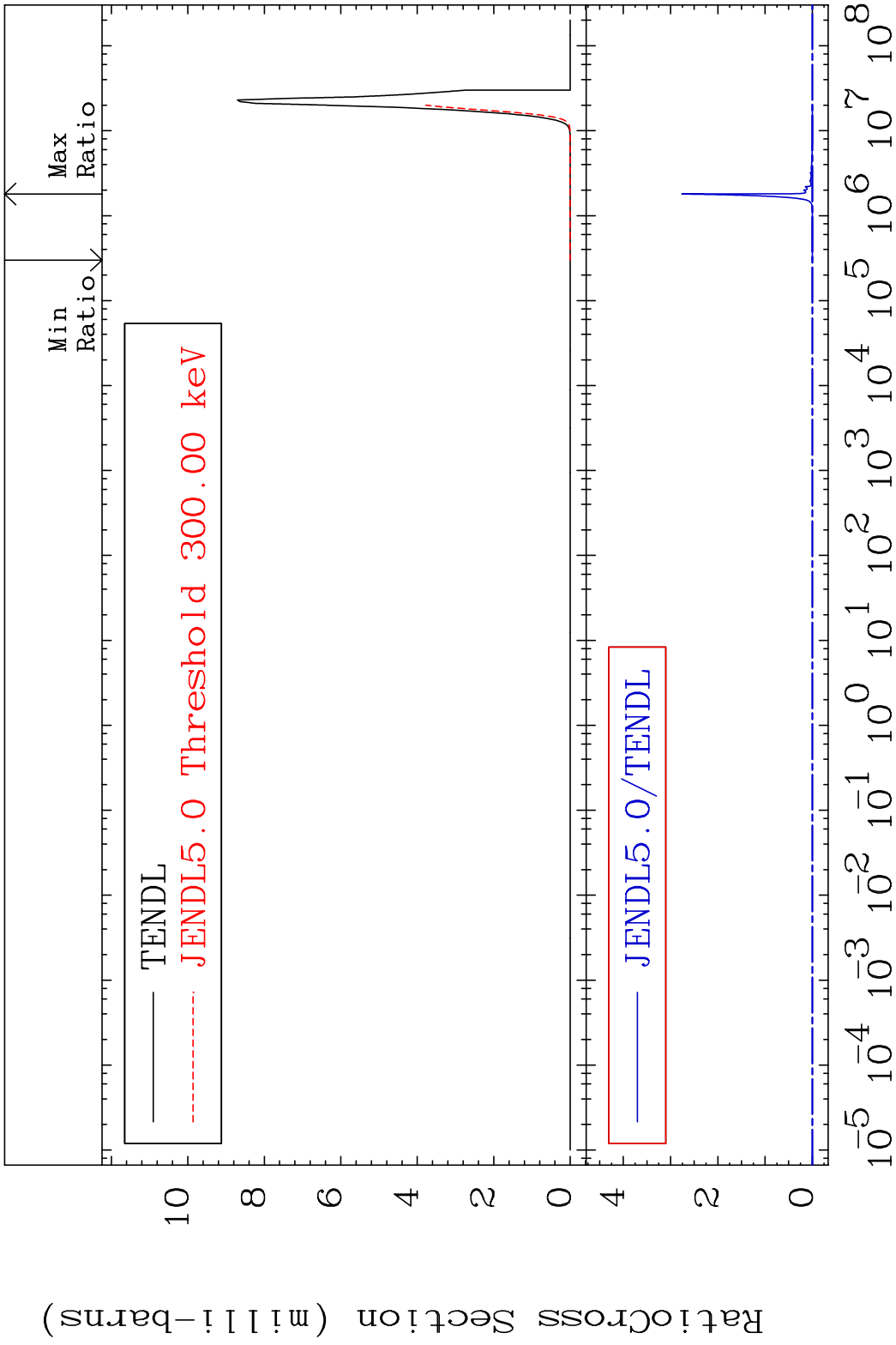
52-Te-130

MAT 5255

(n, α)

52-Te-130

Cross Section -100.0 To 9999. %

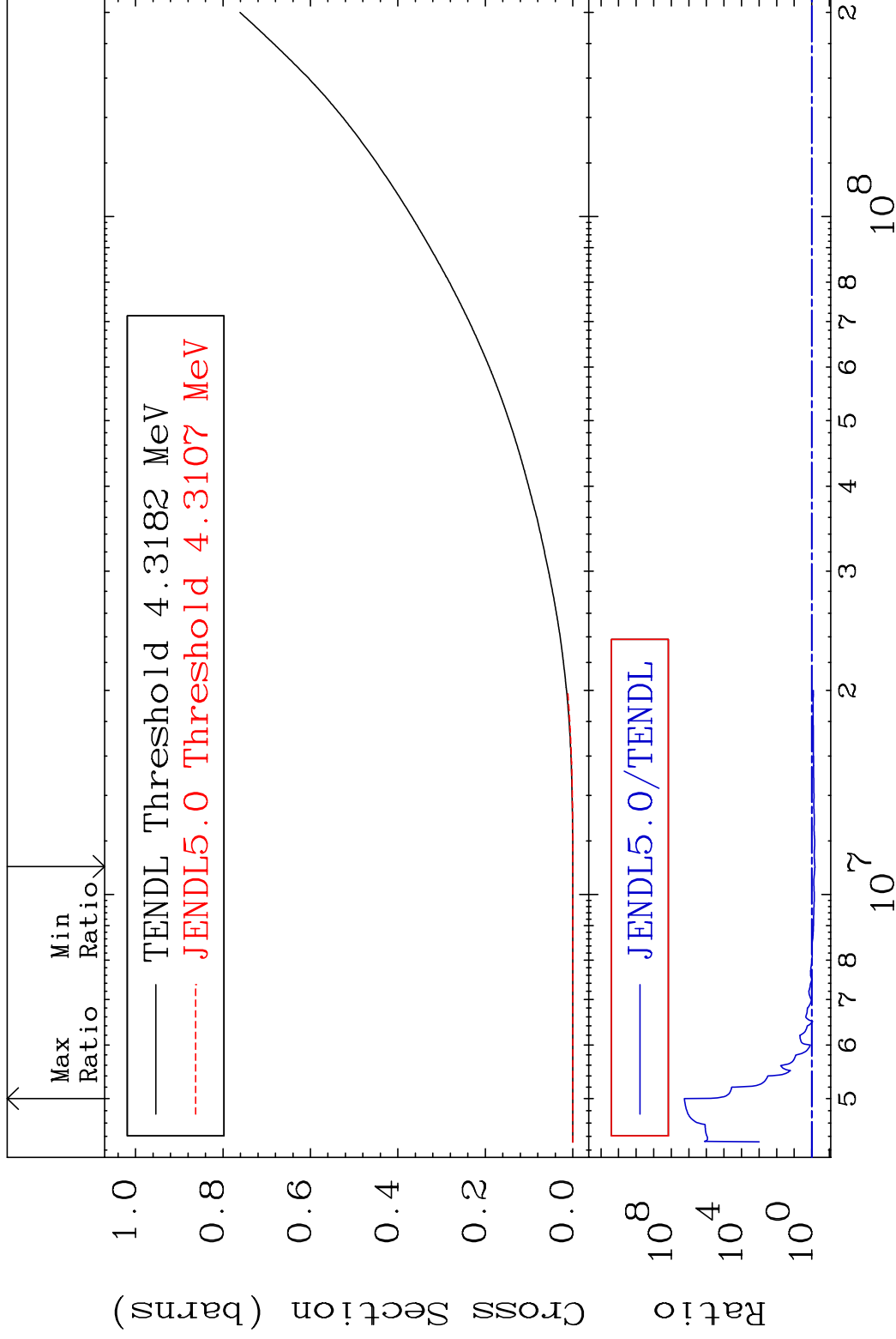


MAT 5255

Hydrogen Production

52-Te-130

Cross Section -33.33 To 9999. %



47

Incident Energy (eV)

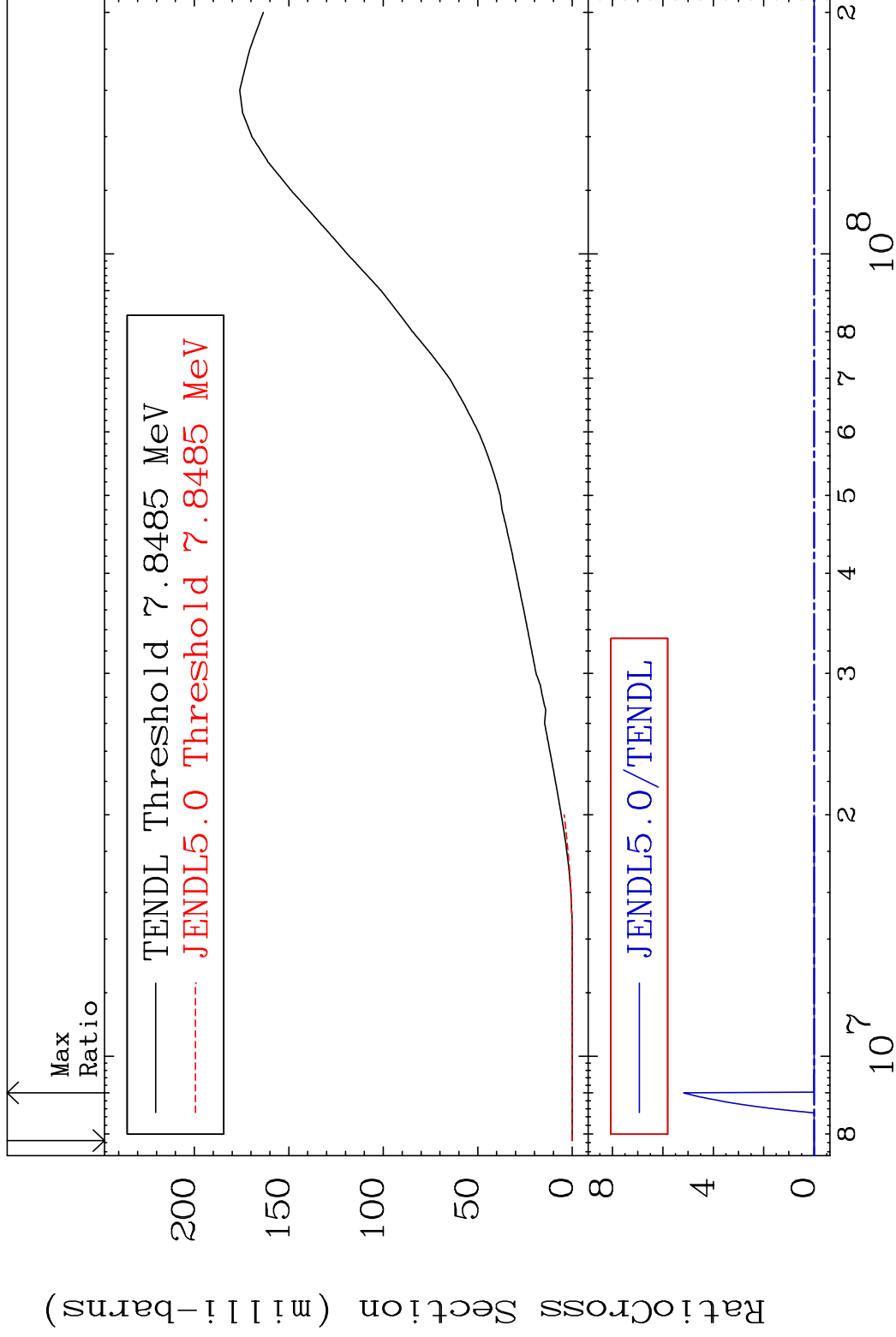
52-Te-130

MAT 5255

Deuterium Production

52-Te-130

Cross Section -100.0 To 9999. %

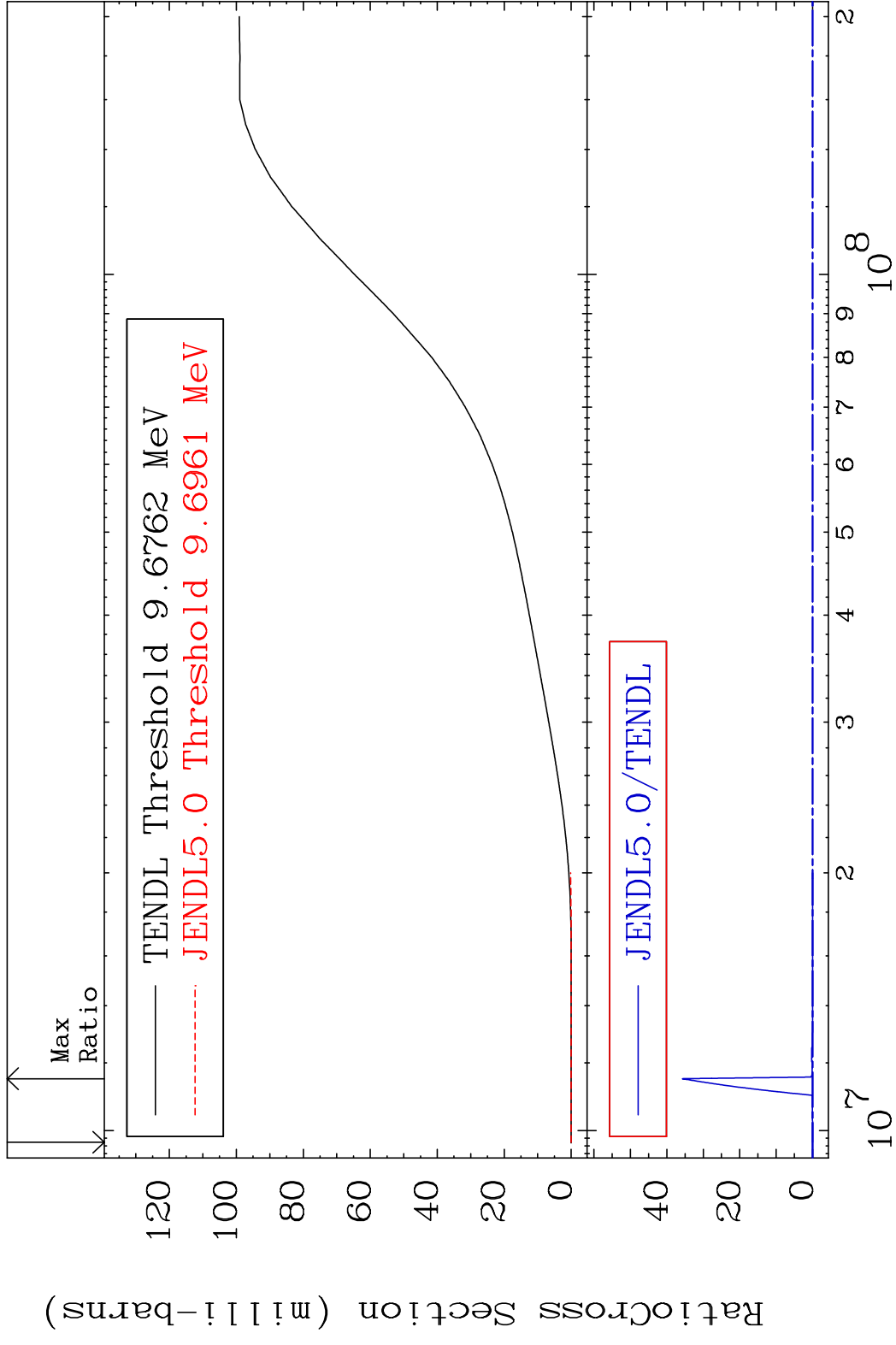


48

Incident Energy (eV)

52-Te-130

MAT 5255 Tritium Production 52-Te-130
 Cross Section -100.0 To 9999. %



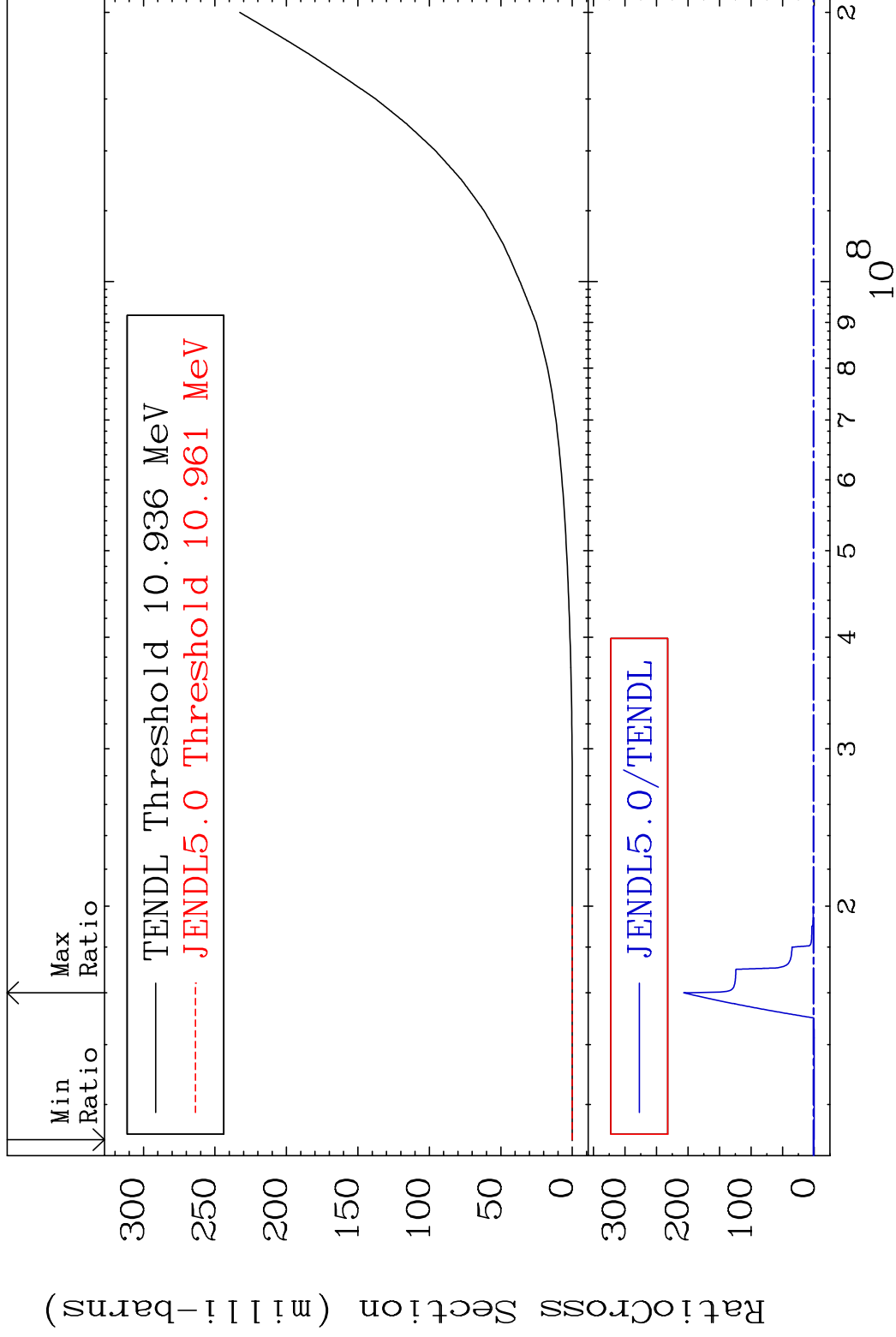
49 Incident Energy (eV) 52-Te-130

MAT 5255

He-3 Production

52-Te-130

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

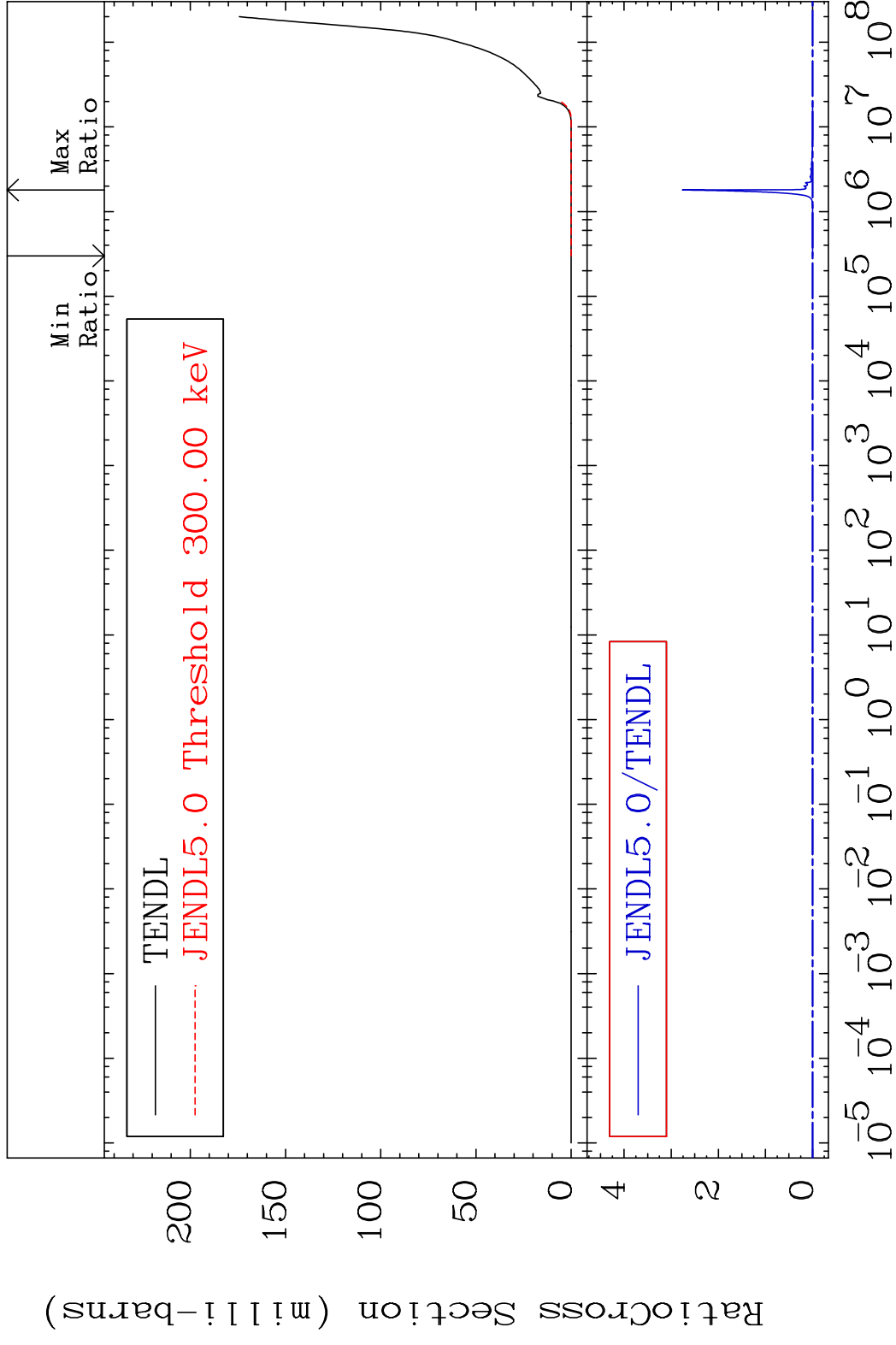
52-Te-130

MAT 5255

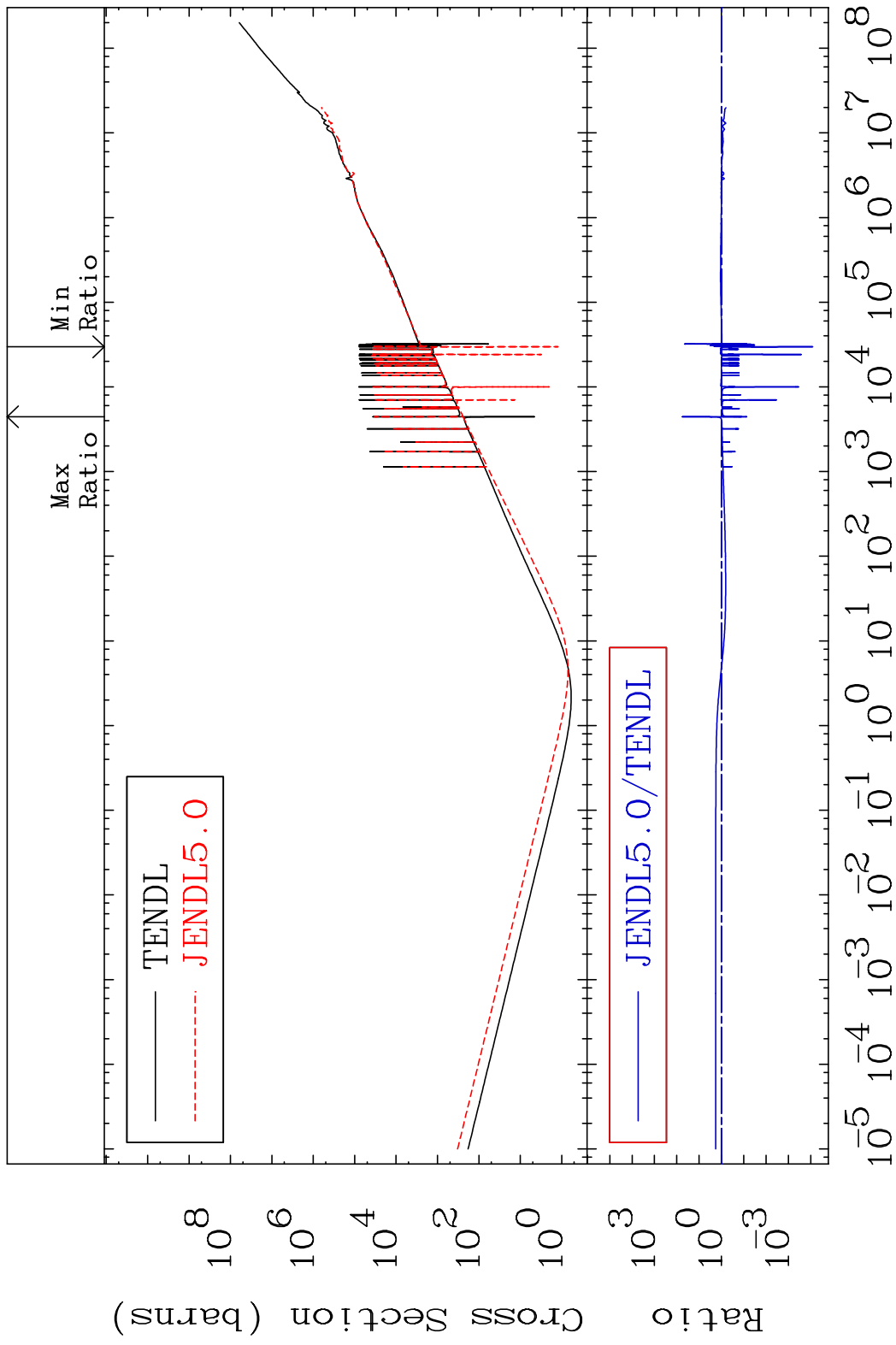
He-4 Production

52-Te-130

Cross Section -100.0 To 9999. %



MAT 5255 Kerma total (eV-barns) 52-Te-130
 Cross Section -99.99 To 5518. %

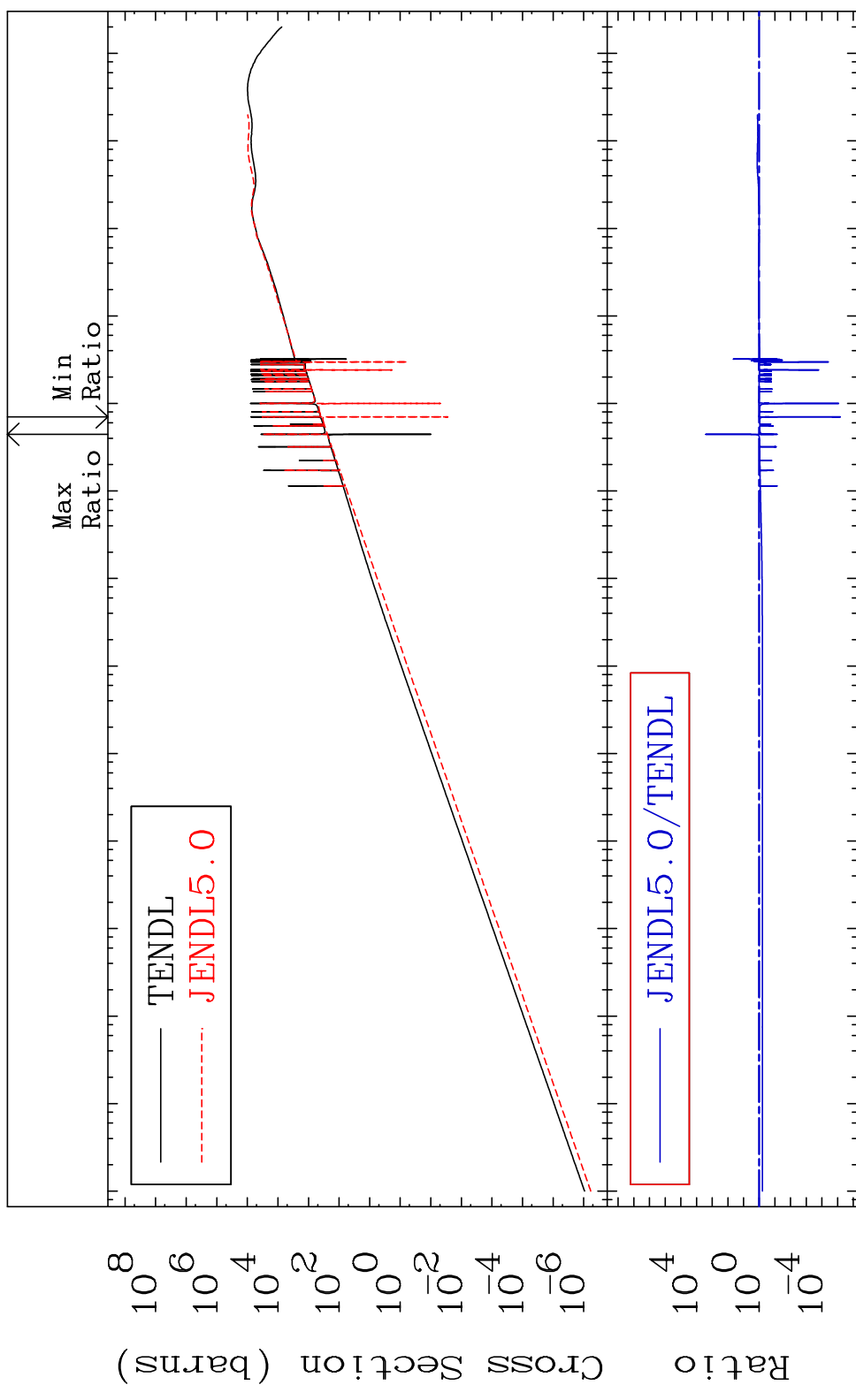


52 Incident Energy (eV) 52-Te-130

MAT 5255

Kerma elastic
Cross Section -100.0 To 9999. %

52-Te-130

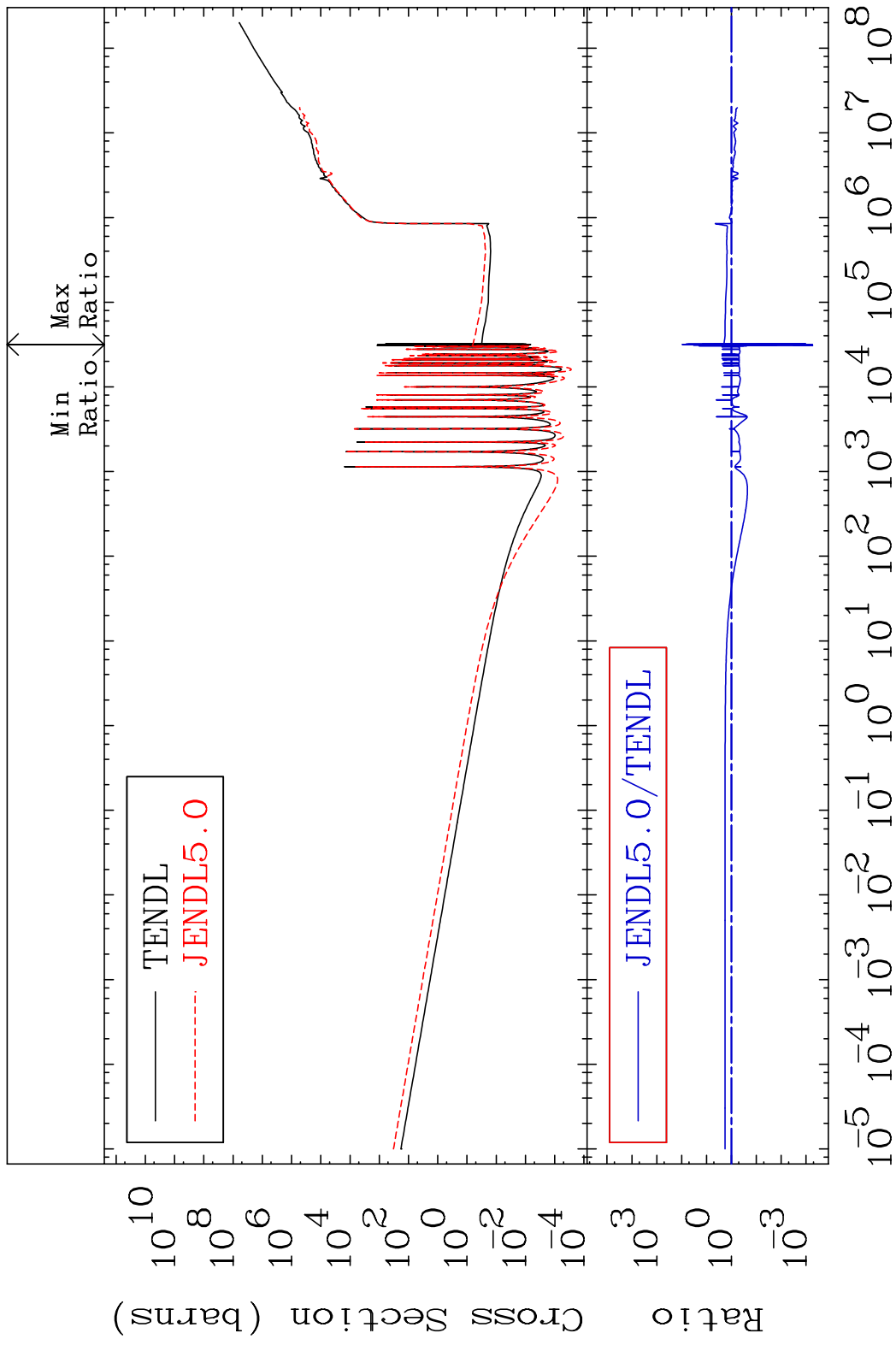


53

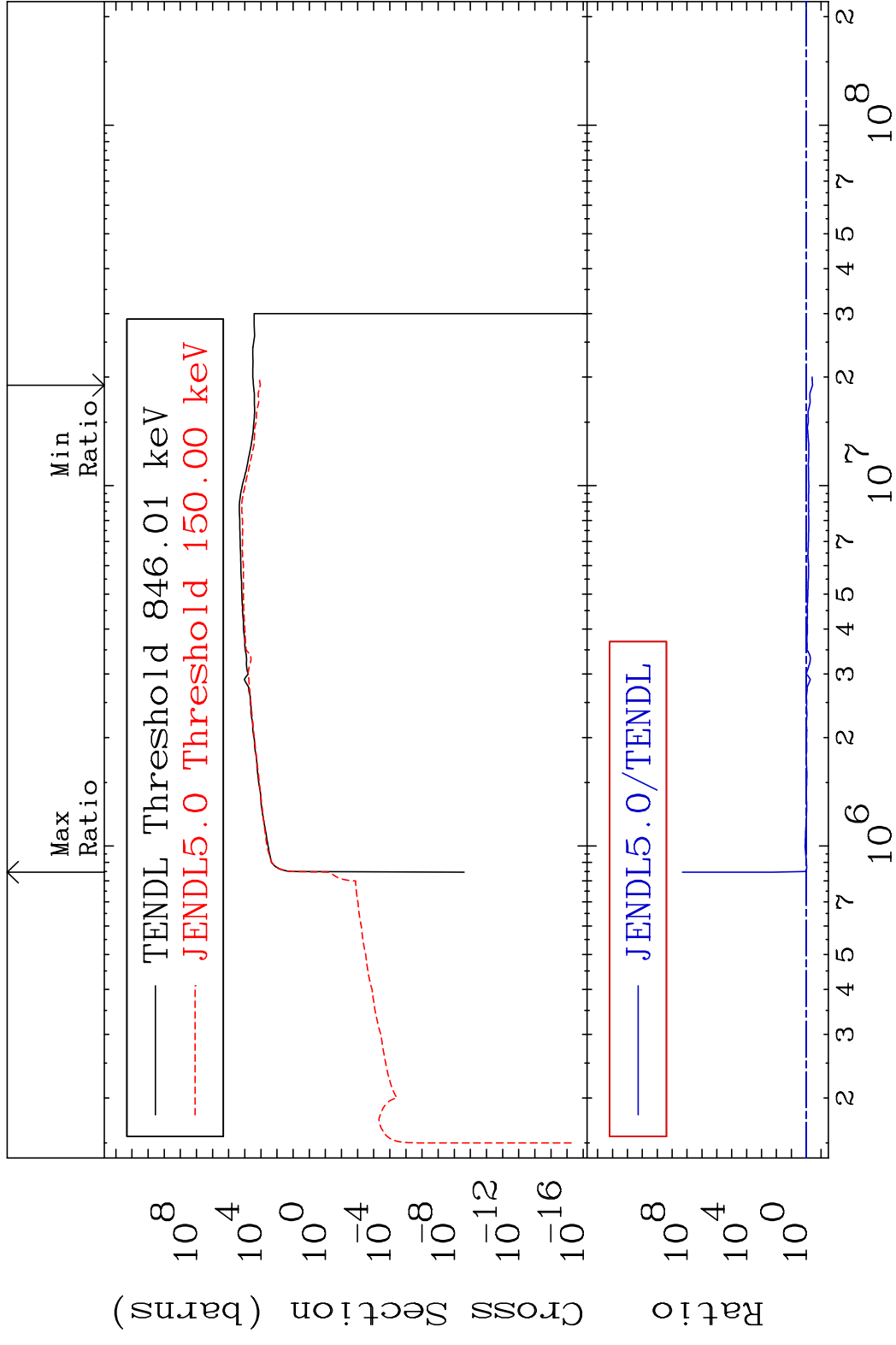
Incident Energy (eV)

52-Te-130

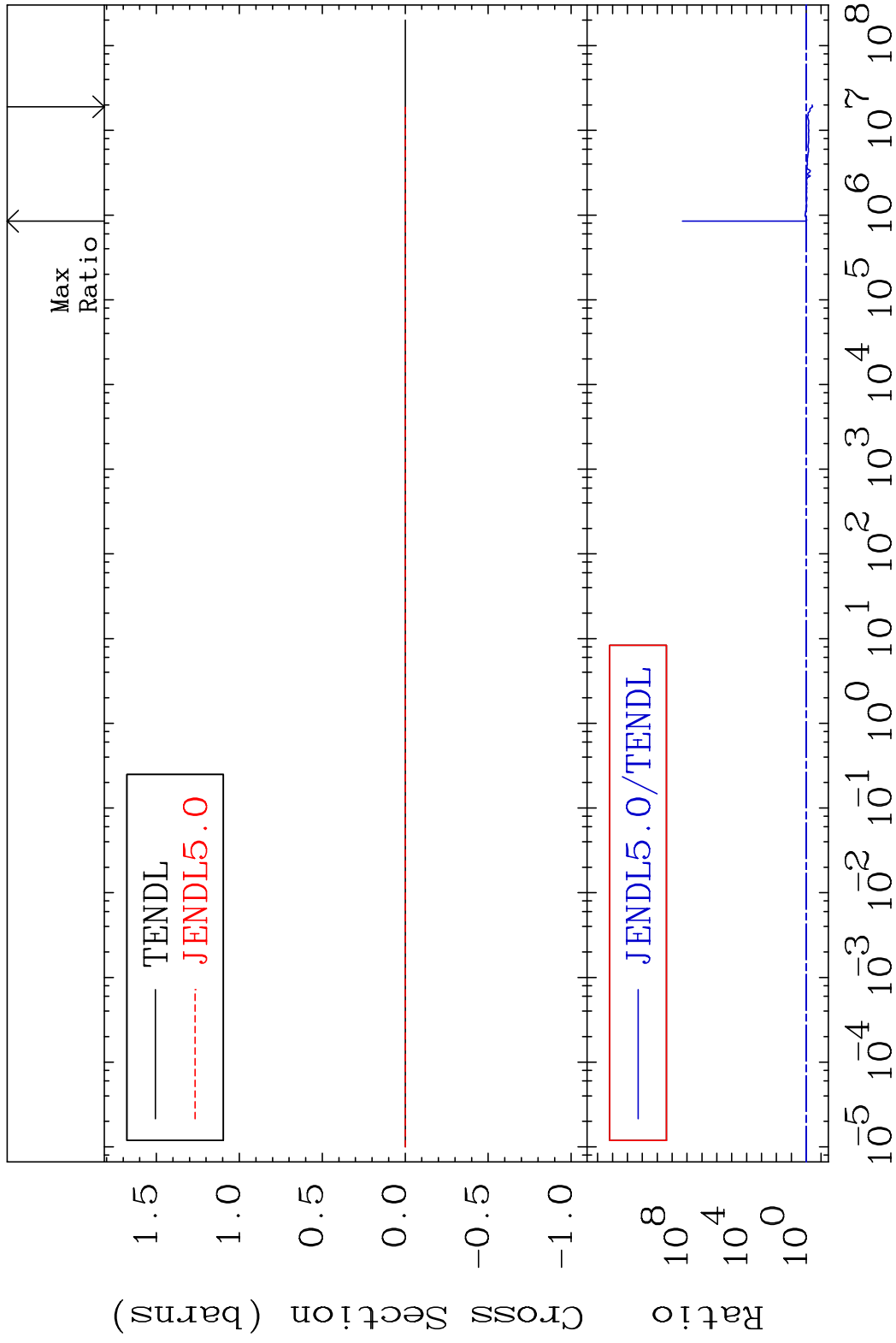
MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130
 Cross Section -99.95 To 9235. %



MAT 5255 Kerma inelastic (mt51-91) 52-Te-130
 Cross Section -62.33 To 9999. %



MAT 5255 Kerma fission (mt18 or mt19-20-21-38) 52-Te-130
 Cross Section -62.33 To 9999. %

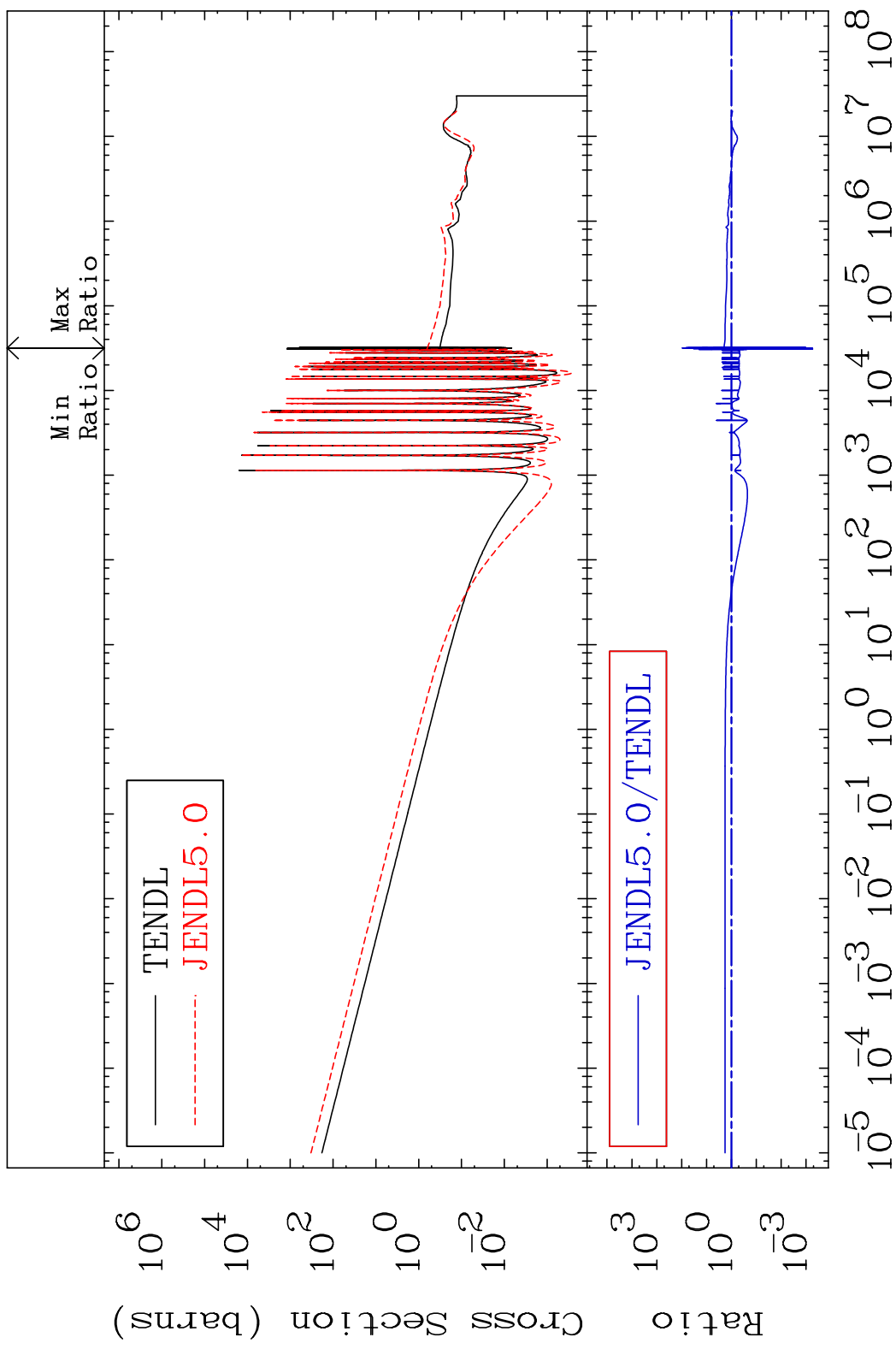


MAT 5255

Kerma capture (mt102)

52-Te-130

Cross Section -99.95 To 9235. %

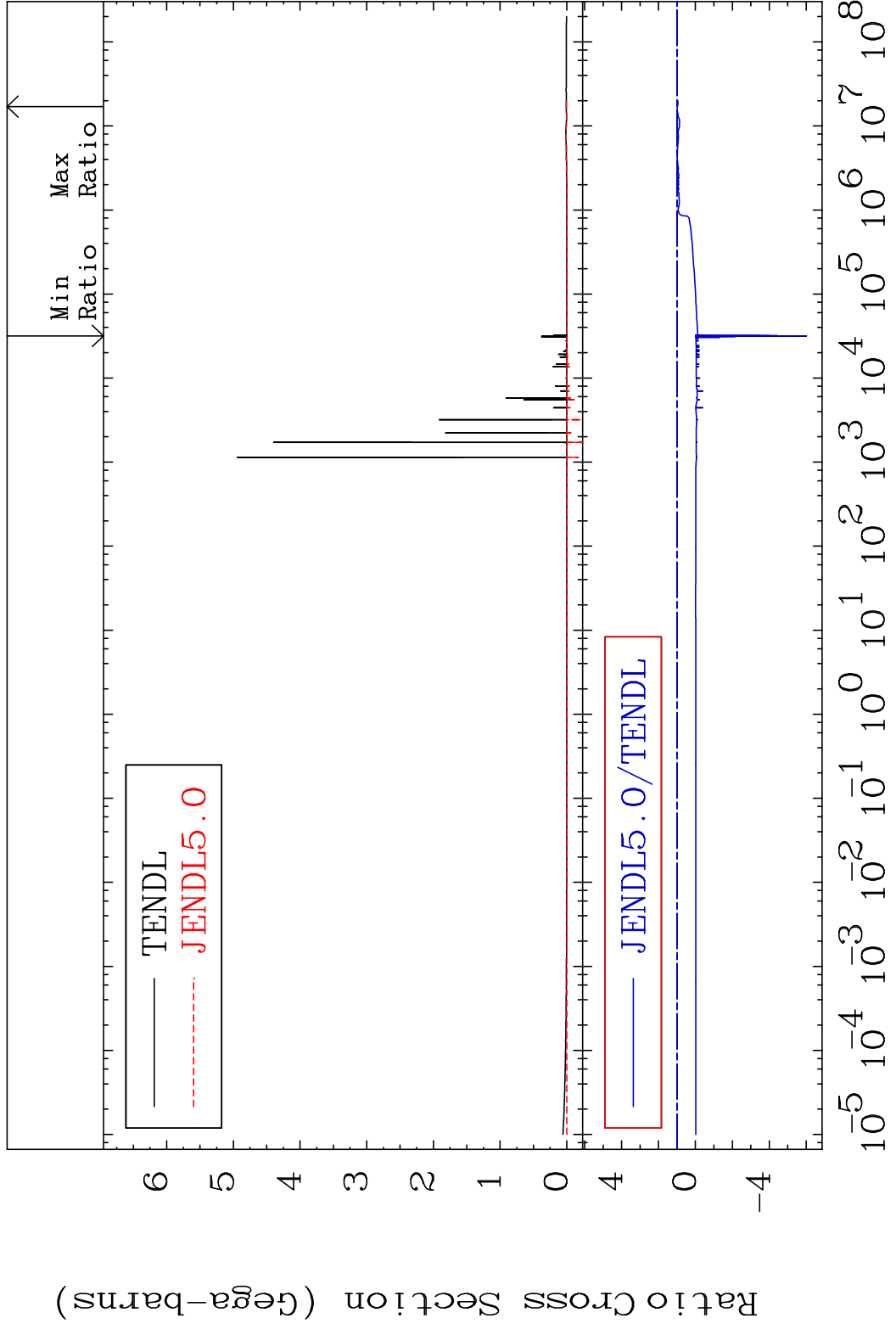


57

Incident Energy (eV)

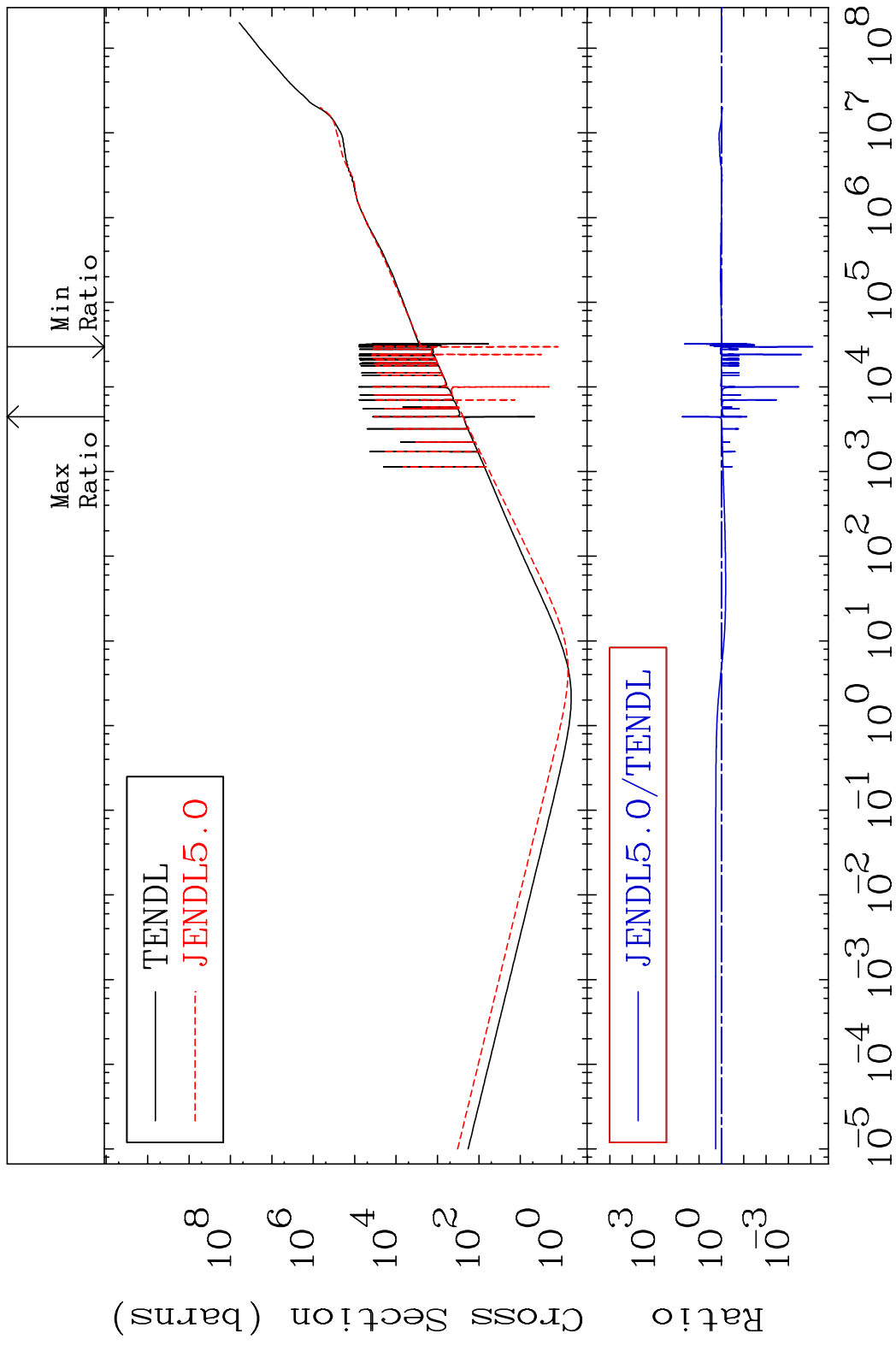
52-Te-130

MAT 5255 Total photon (eV-barns) 52-Te-130
 Cross Section -700.9 To -1.152%

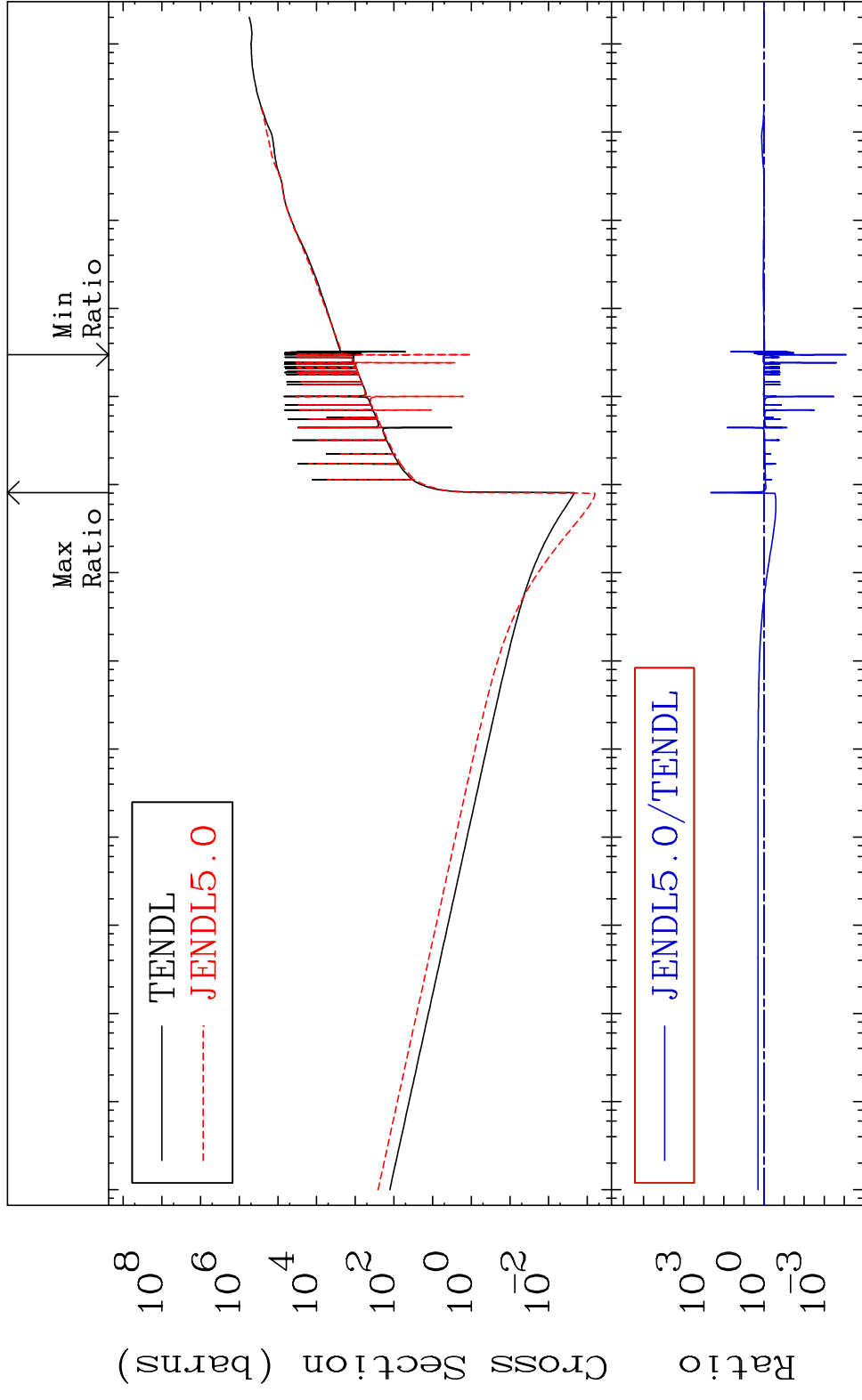


58 Incident Energy (eV) 52-Te-130

MAT 5255 Total kinematic kerma (high limit) 52-Te-130
 Cross Section -99.99 To 5518. %



MAT 5255 Dpa total (eV-barns) 52-Te-130
 Cross Section -99.99 To 9999. %



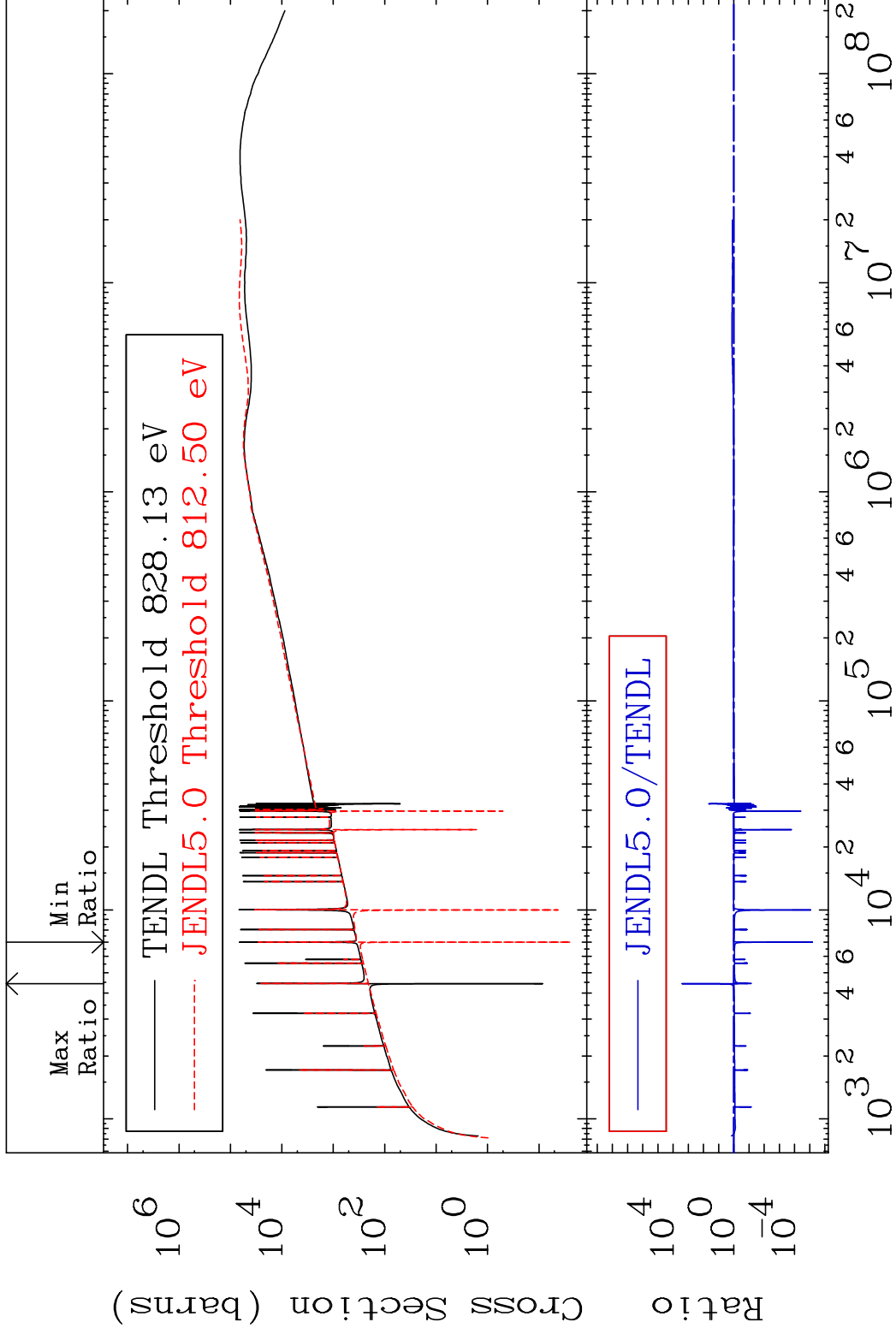
60 Incident Energy (eV) 52-Te-130

MAT 5255

Dpa elastic (mt2)

52-Te-130

Cross Section -100.0 To 9999. %



61

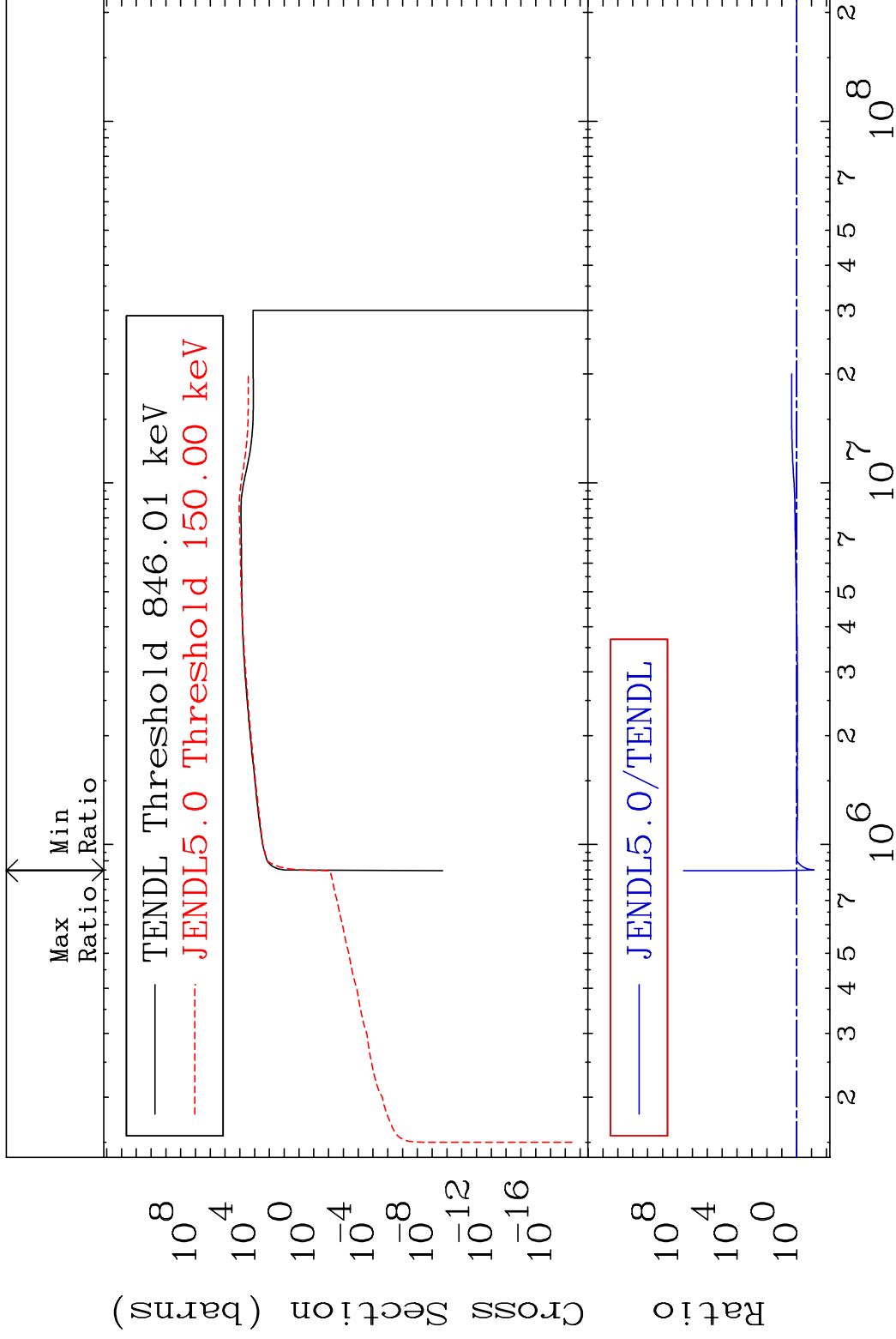
Incident Energy (eV)

52-Te-130

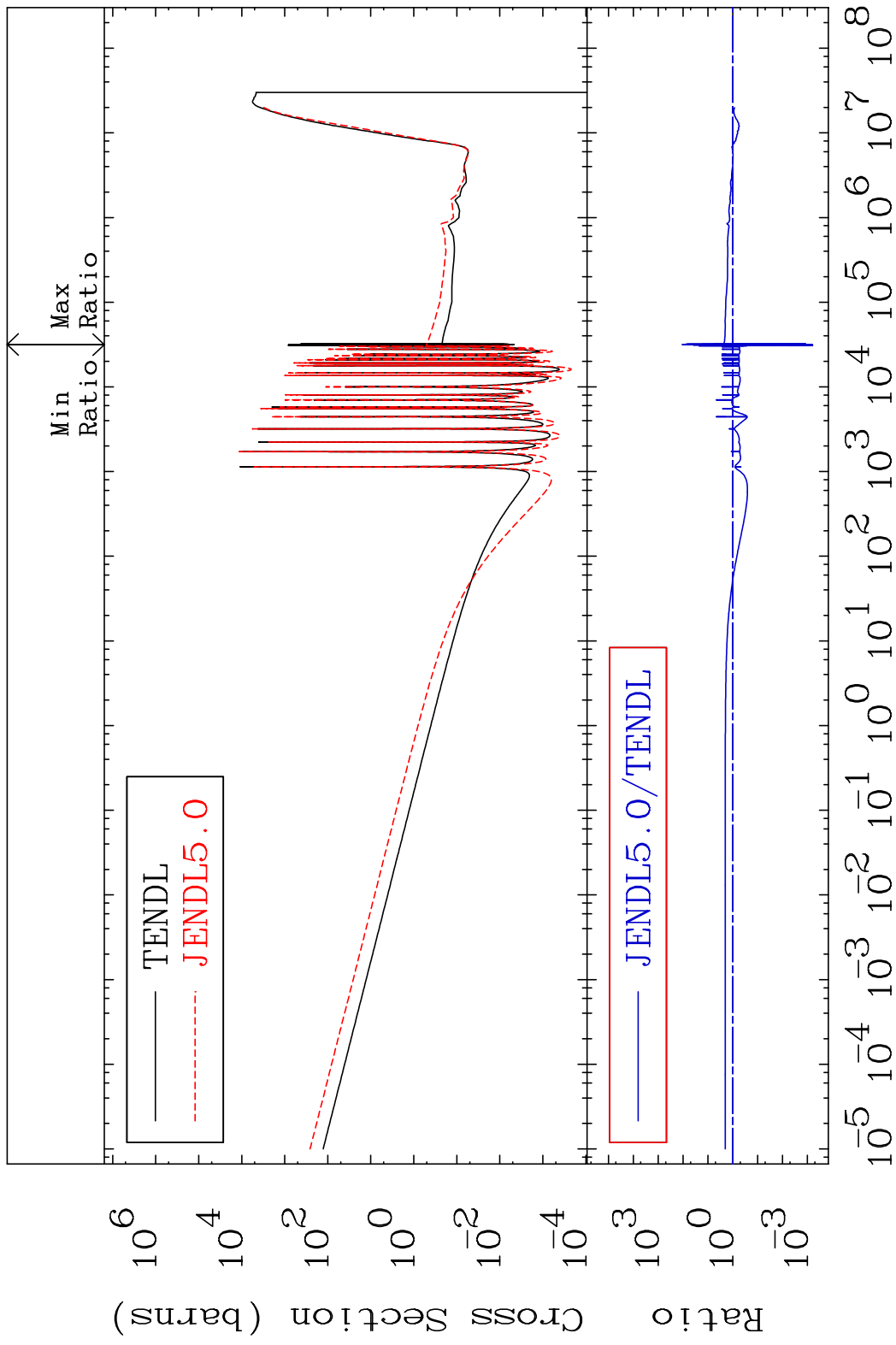
MAT 5255

Dpa inelastic (mt51-91) 52-Te-130

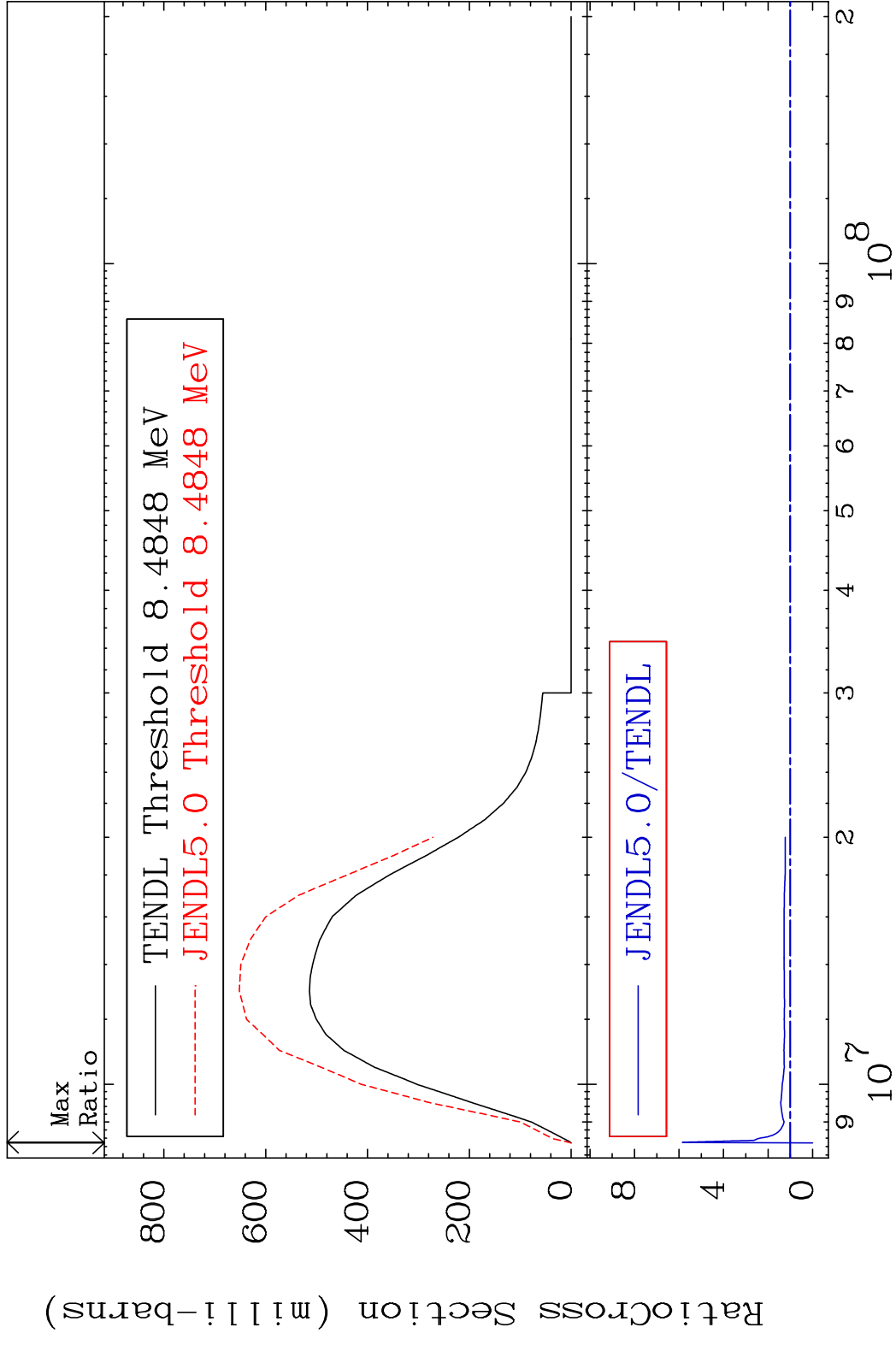
Cross Section -93.19 To 9999. %



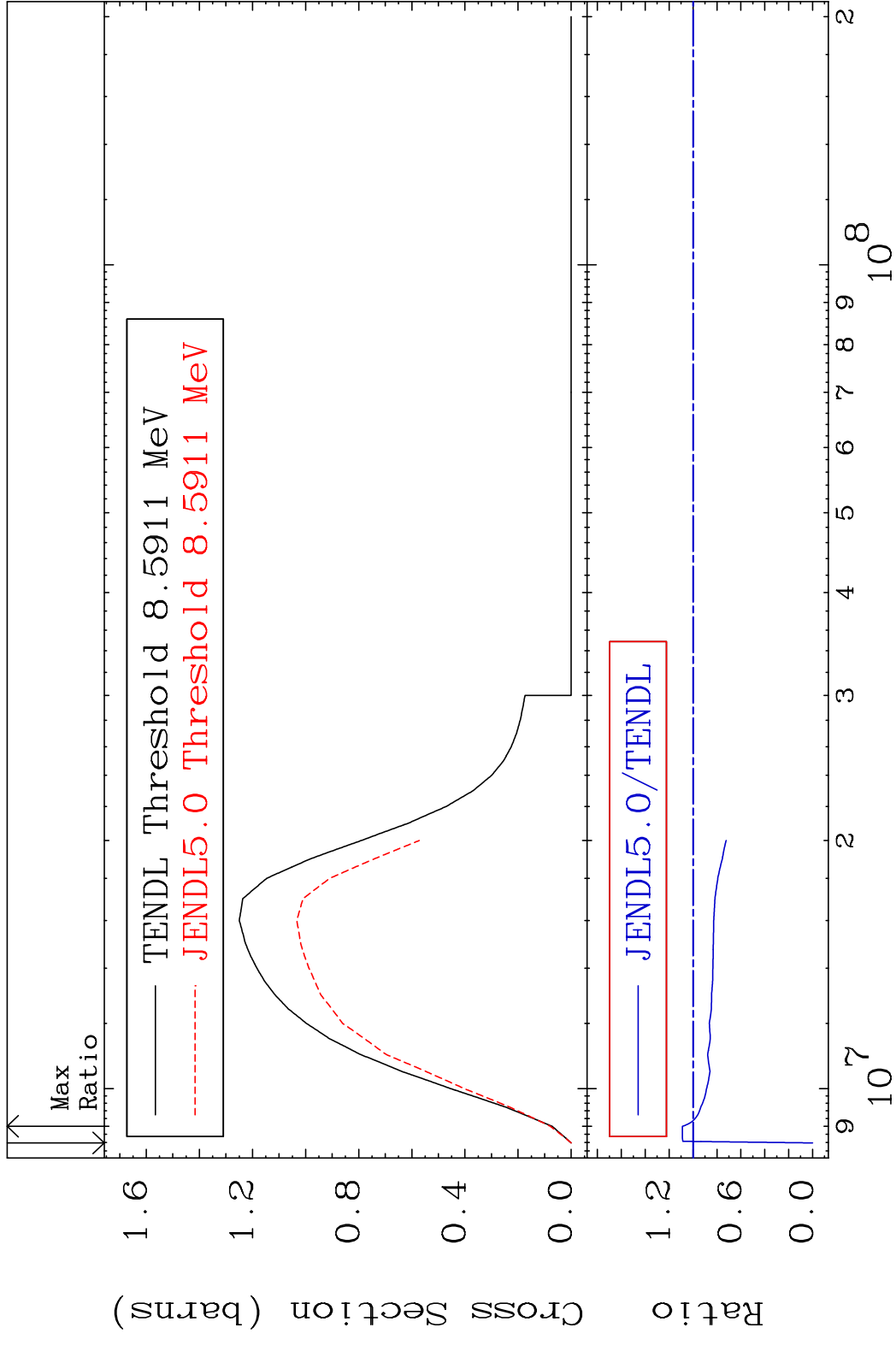
MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130
 Cross Section -99.94 To 9999. %



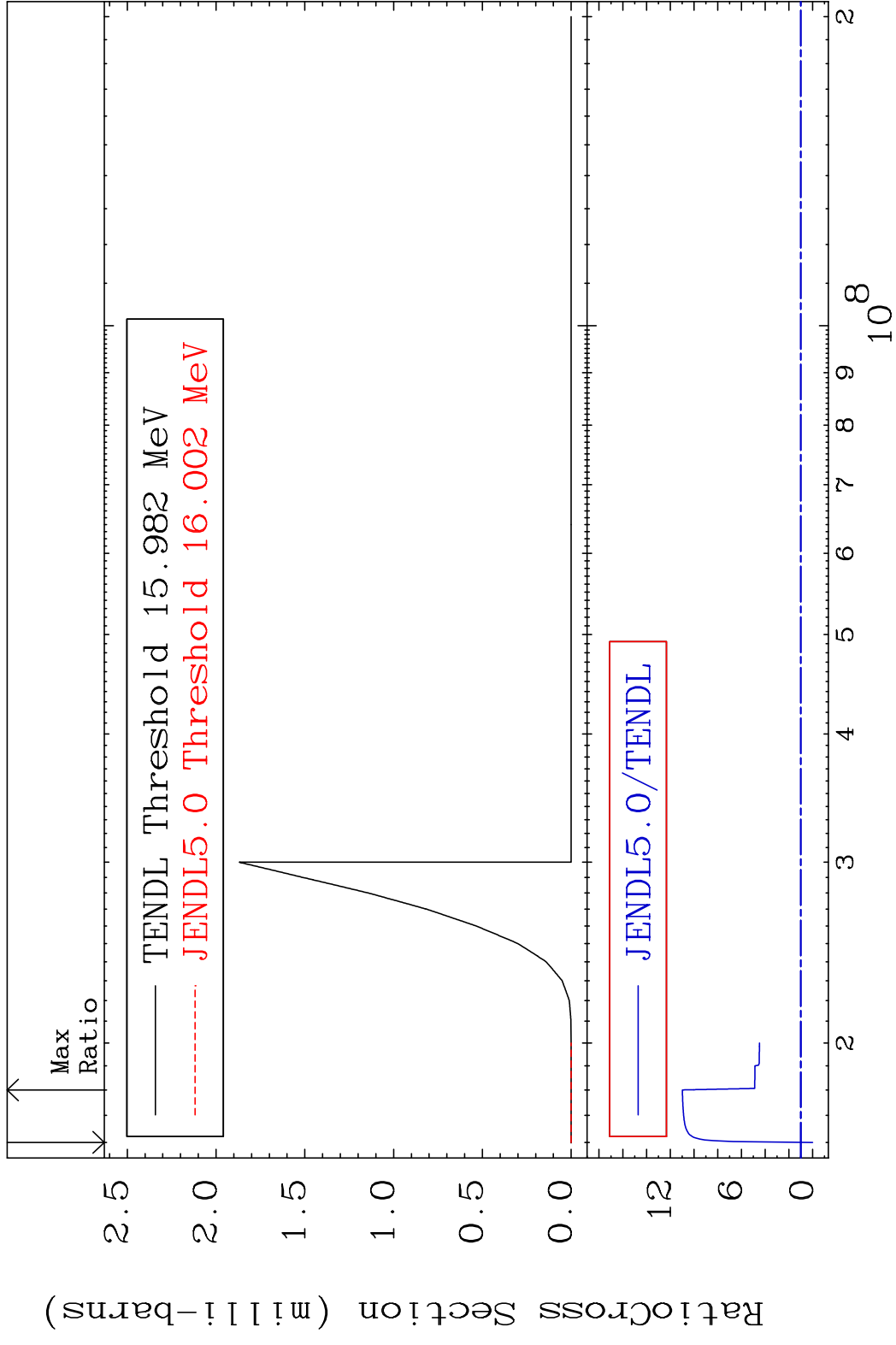
MAT 5255 (n,2n):52-Te-129g 52-Te-130
 Radionuclide Production Cross Section 180.01 dth 485.1 %



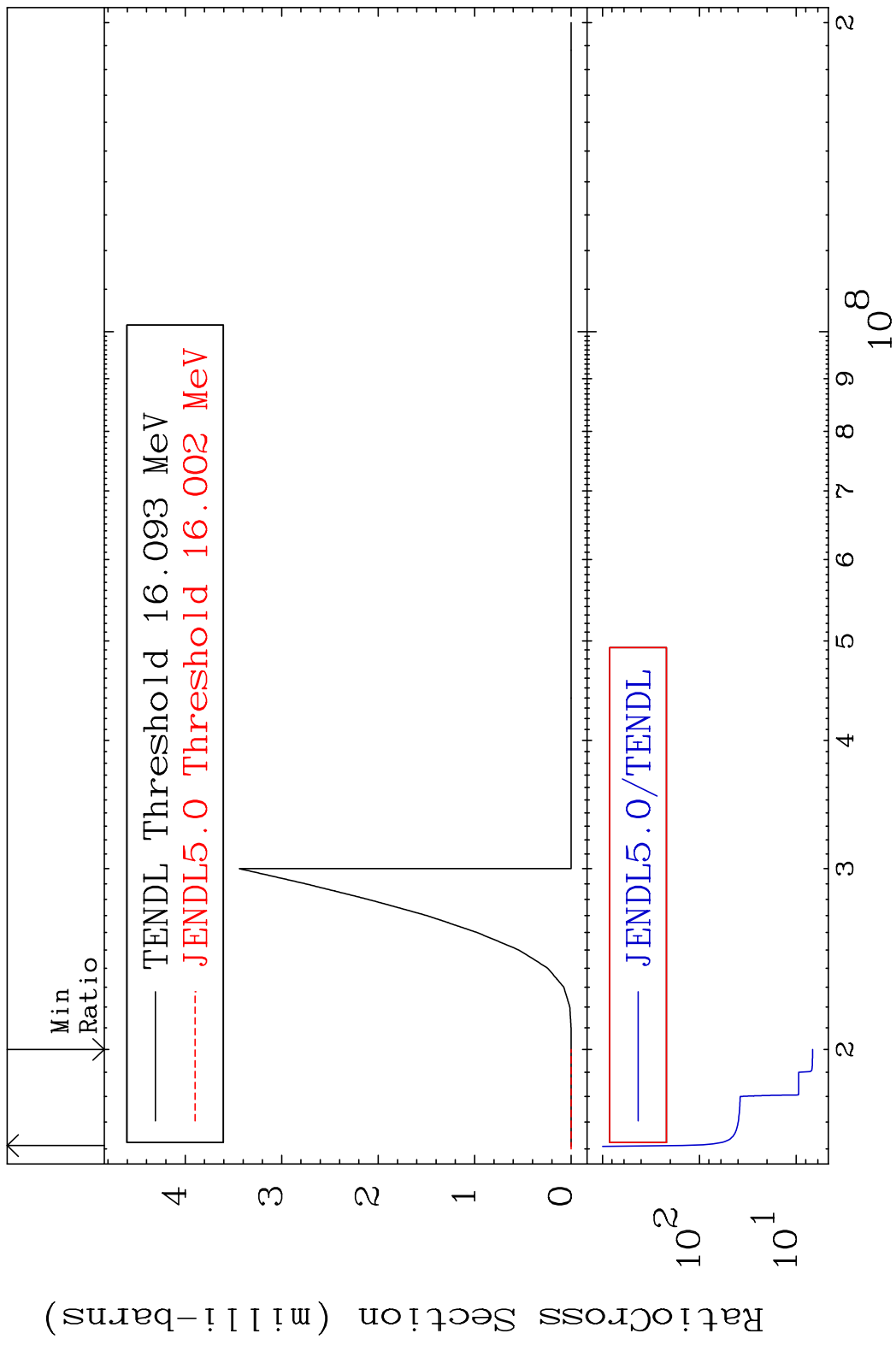
MAT 5255 (n,2n):52-Te-129m1 52-Te-130
 Radionuclide Production Cross Section 180.01 dth 8.940 %



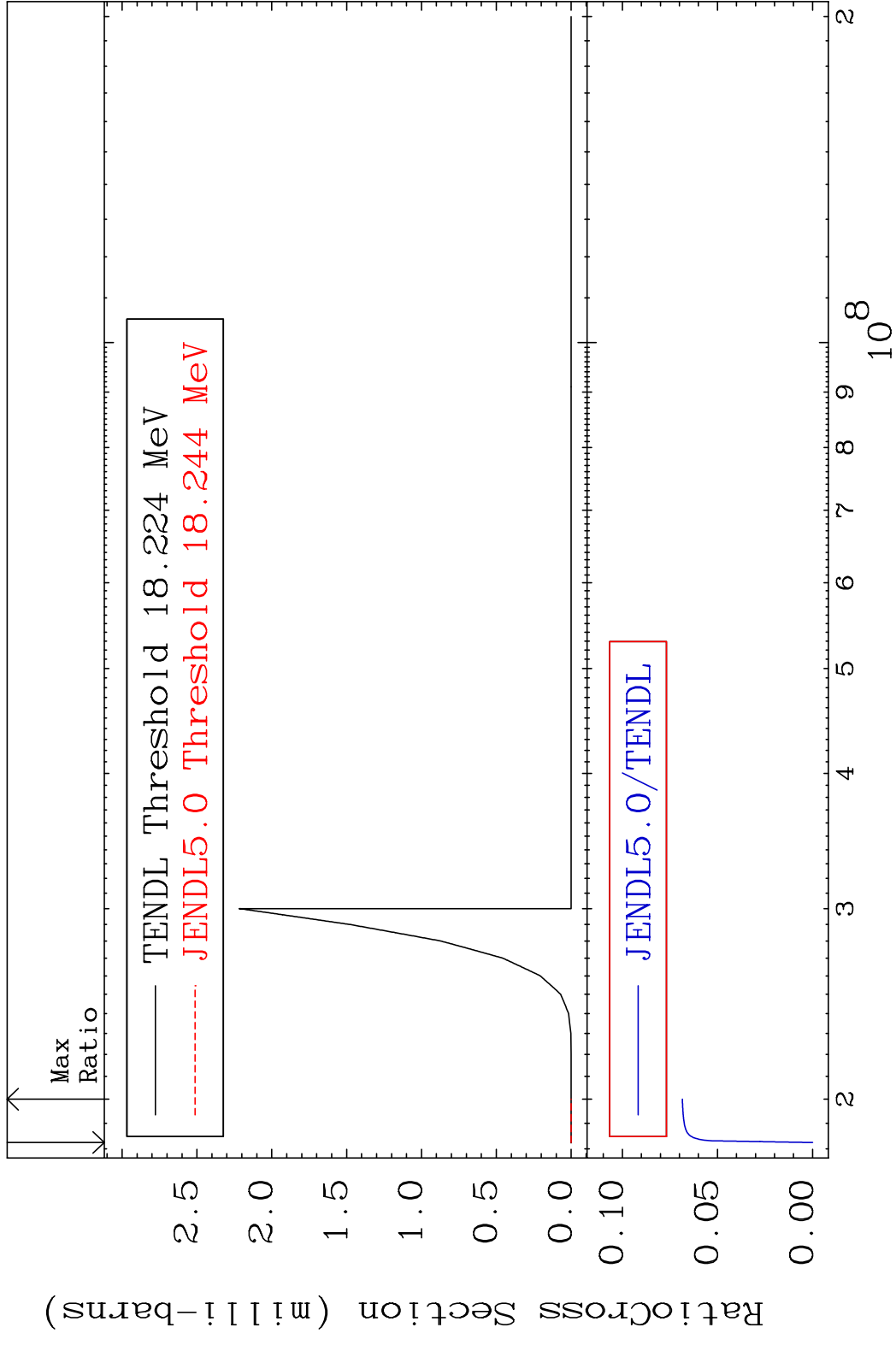
MAT 5255 (n, n') d:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section Ratio

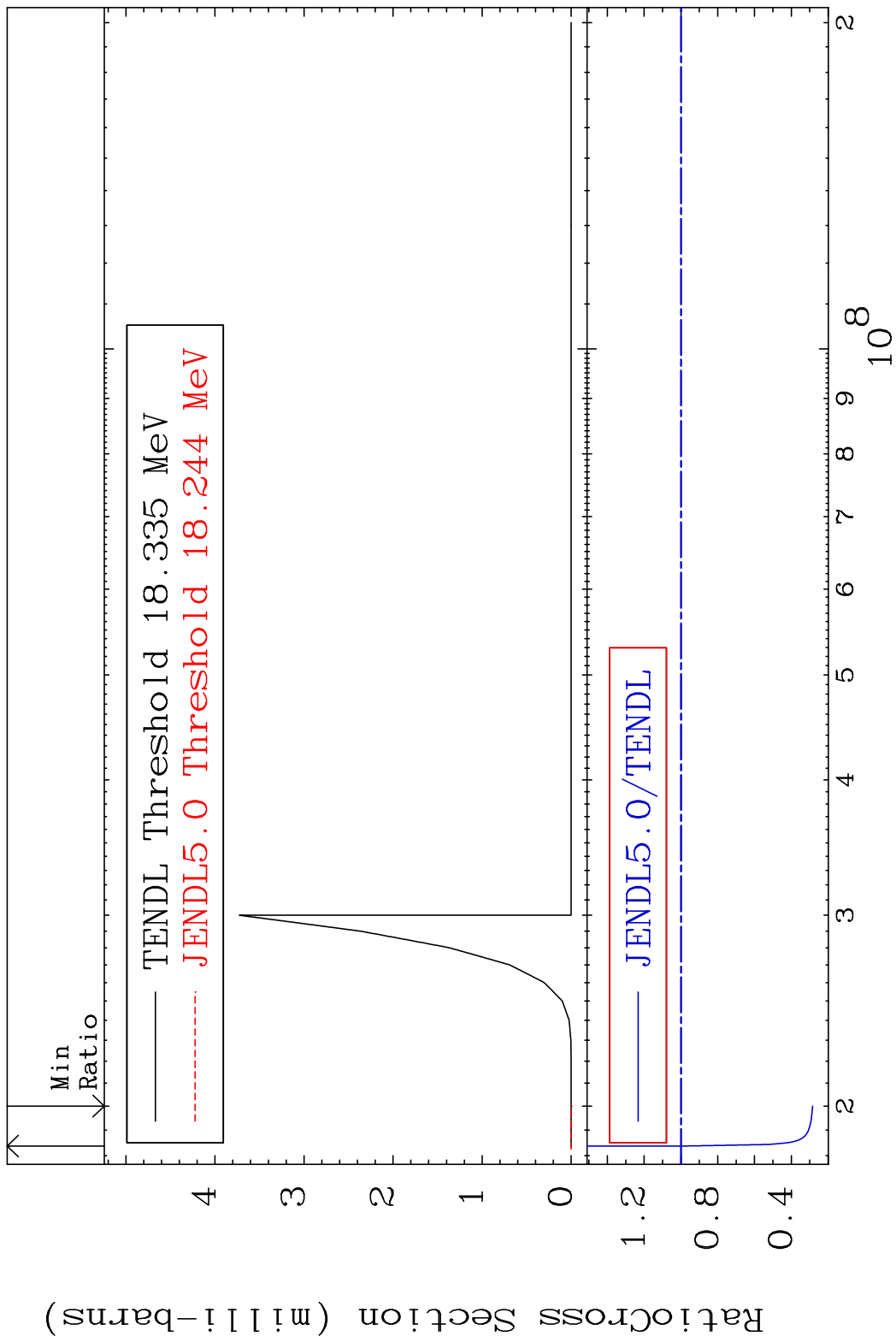


MAT 5255 (n, n') d:51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section to 9999. %

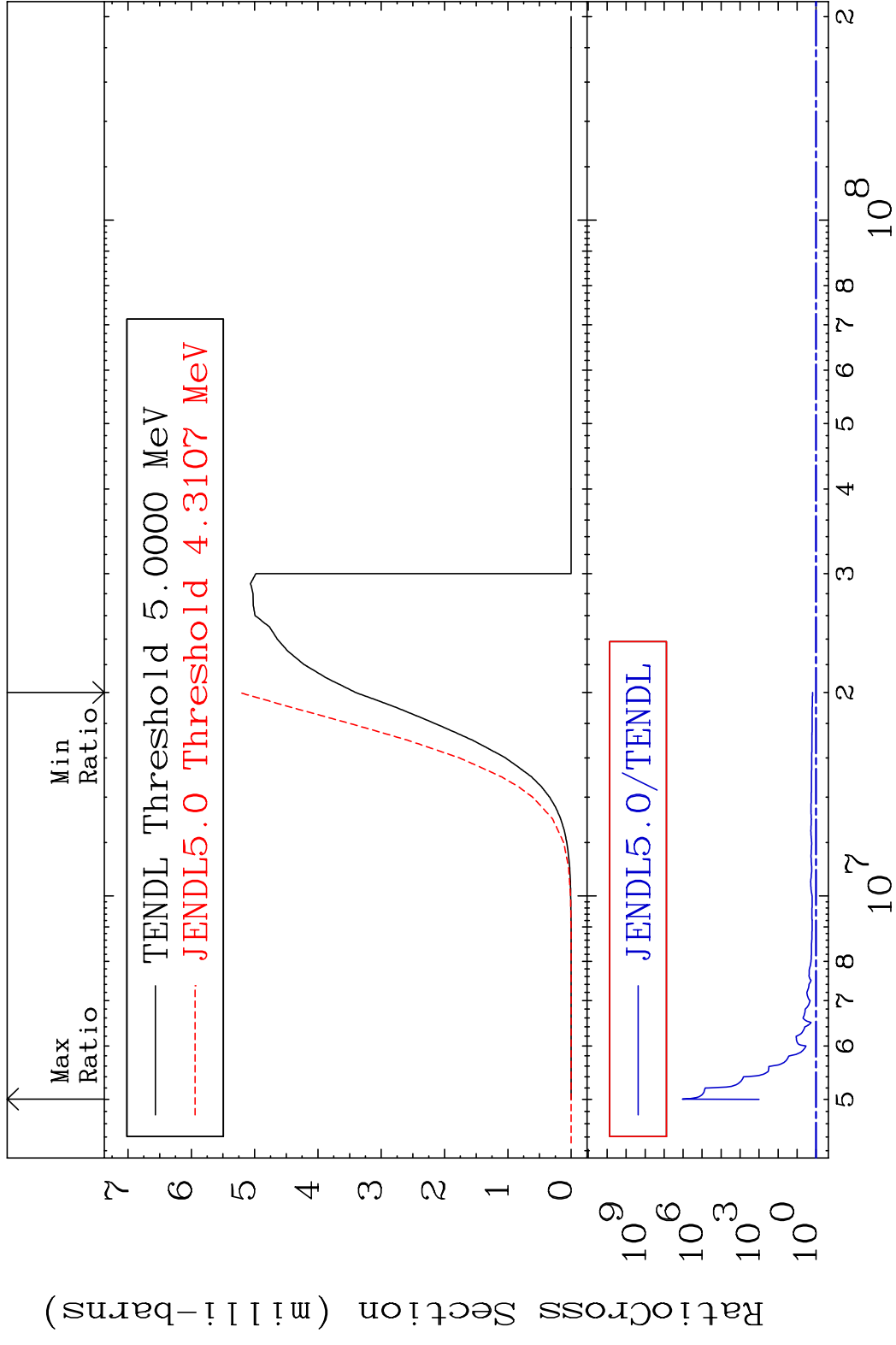


MAT 5255 (n,2n) p:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section Ratio

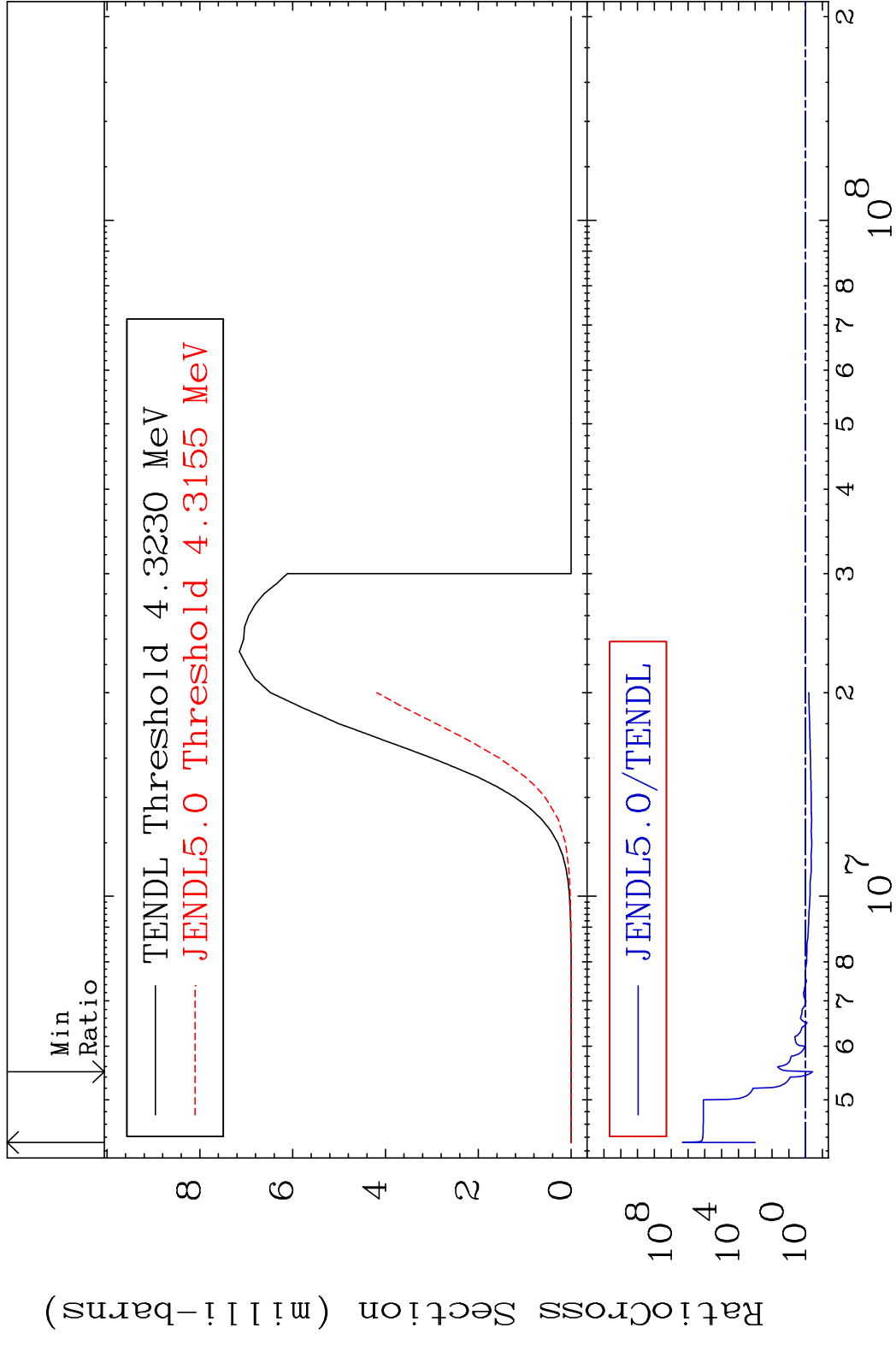




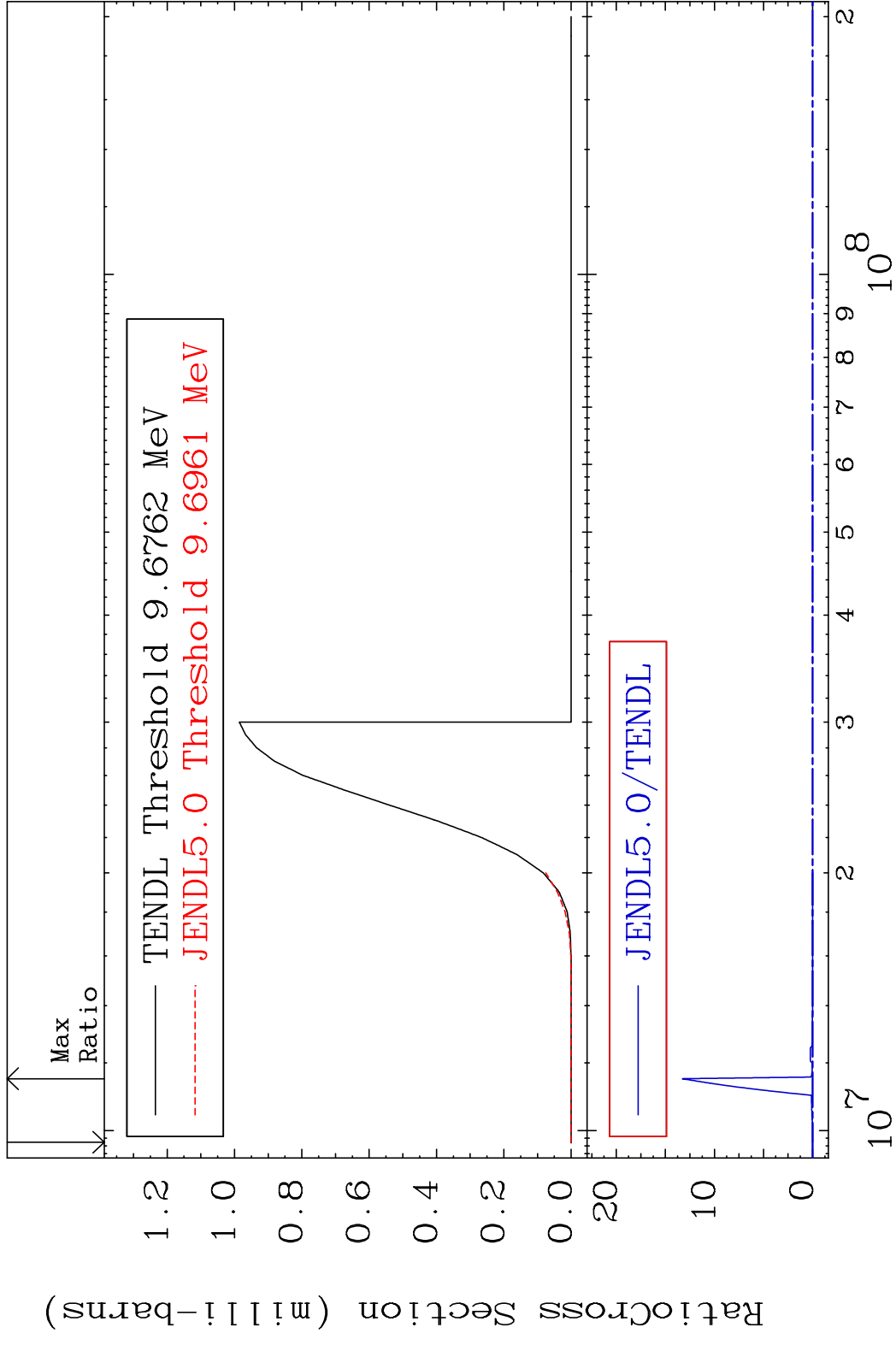
MAT 5255 (n,p):51-Sb-130g 52-Te-130
 Radionuclide Production Cross Section 9999. %



MAT 5255 (n,p):51-Sb-130m1 52-Te-130
 Radionuclide Production Cross Section 68e25idto 9999. %

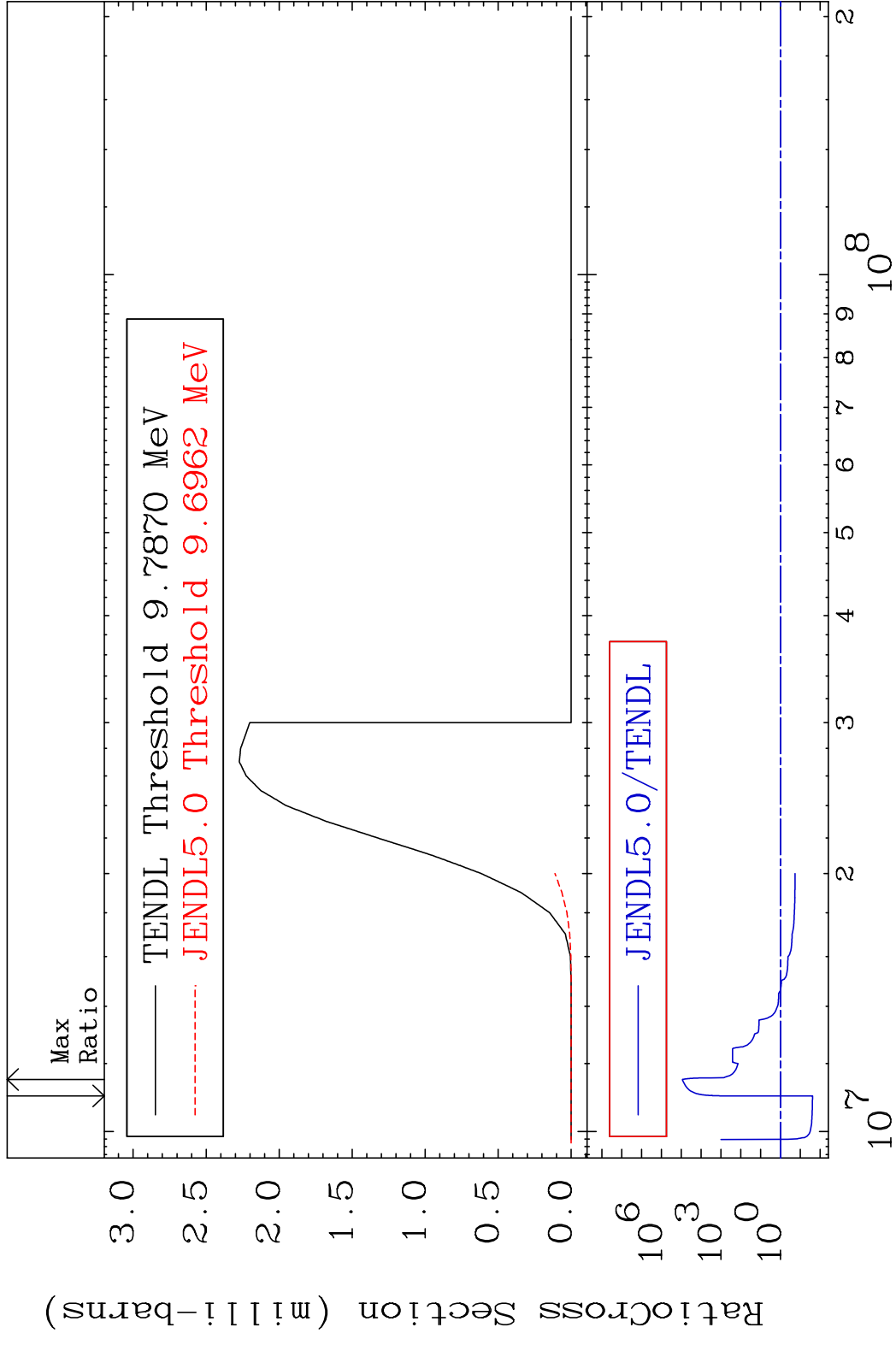


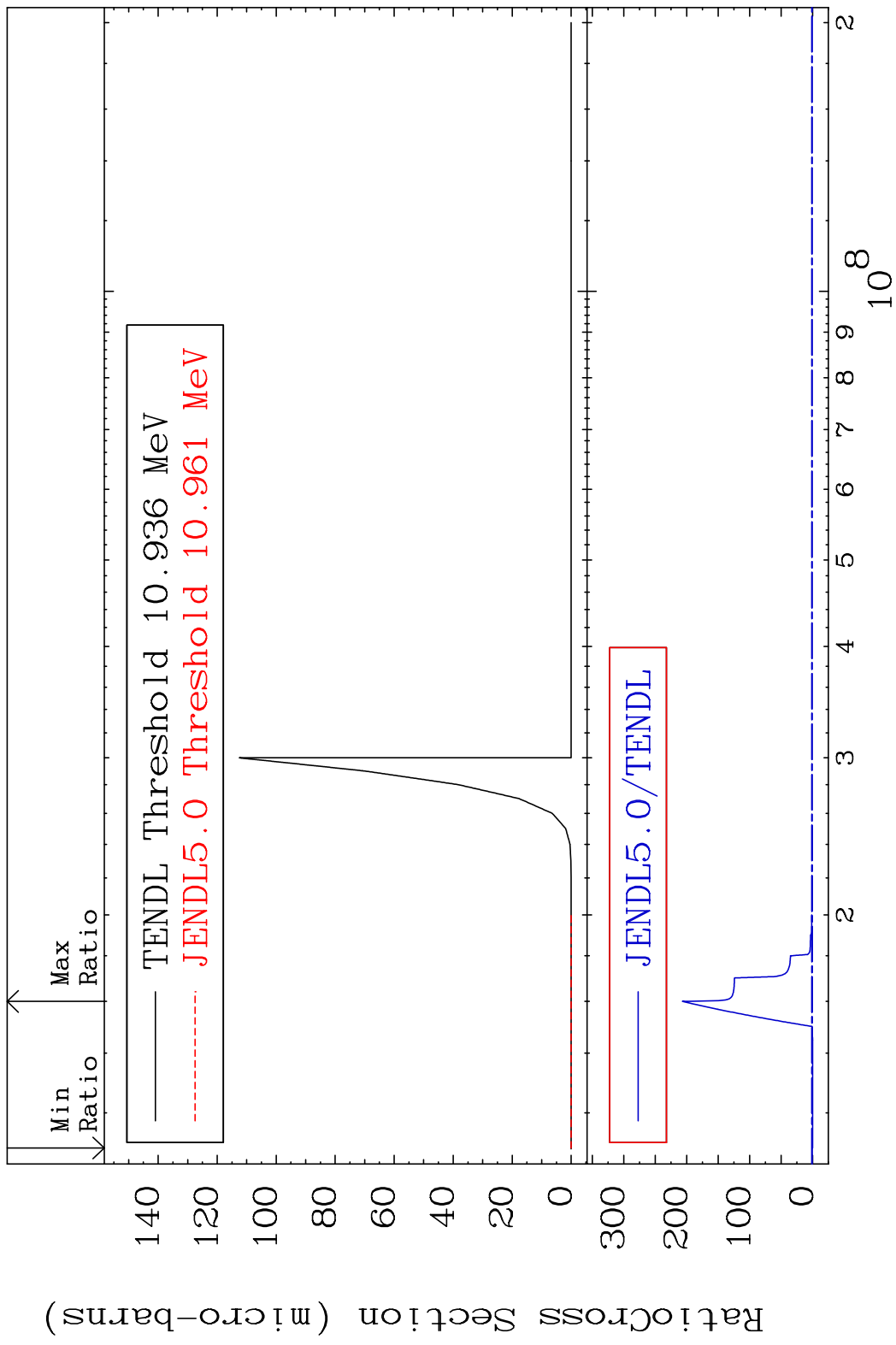
MAT 5255 (n, t):51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 100.00 dth 9999. %



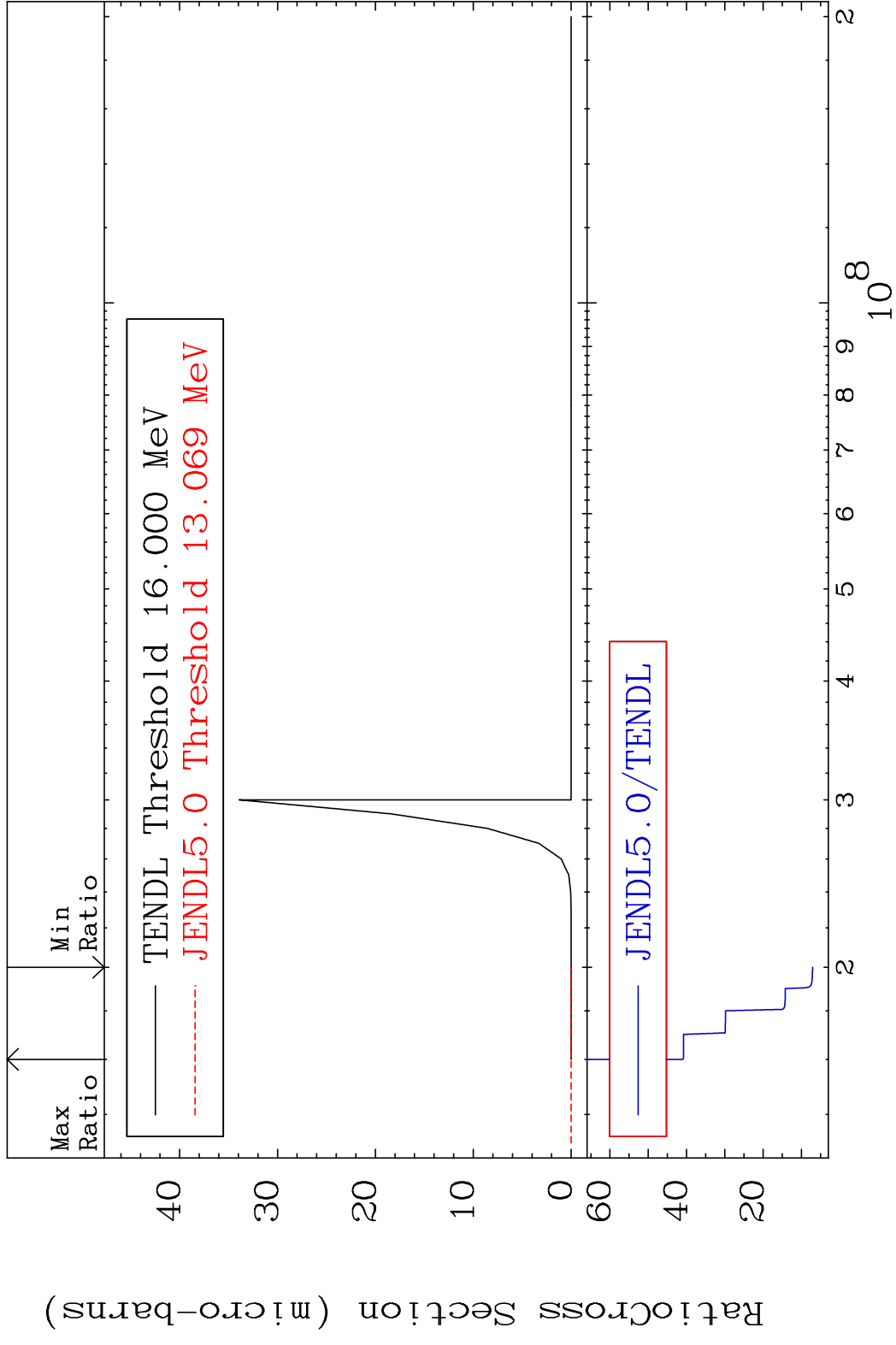
72 Incident Energy (eV) 52-Te-130

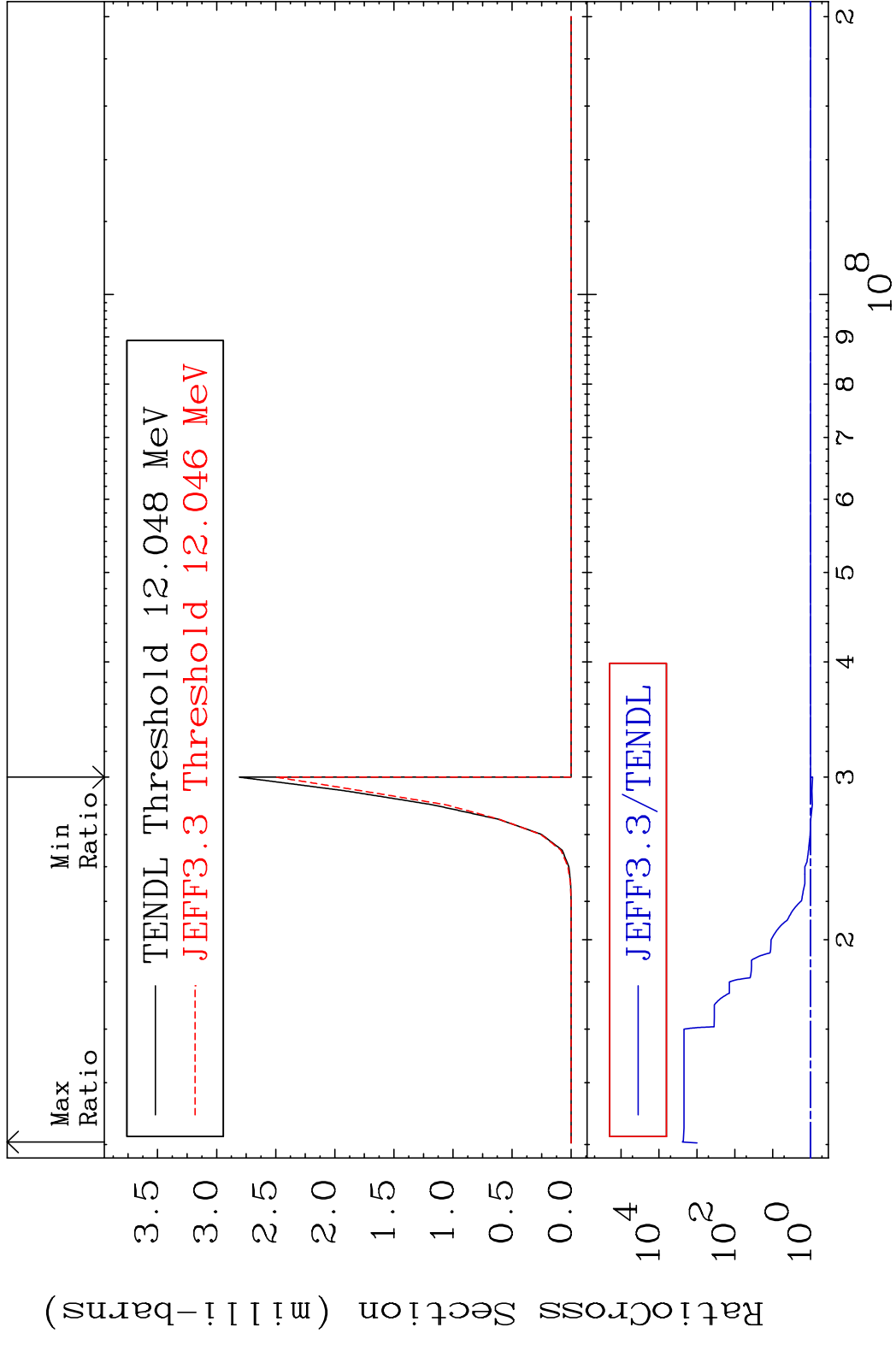
MAT 5255 (n, t):51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section to 9999. %



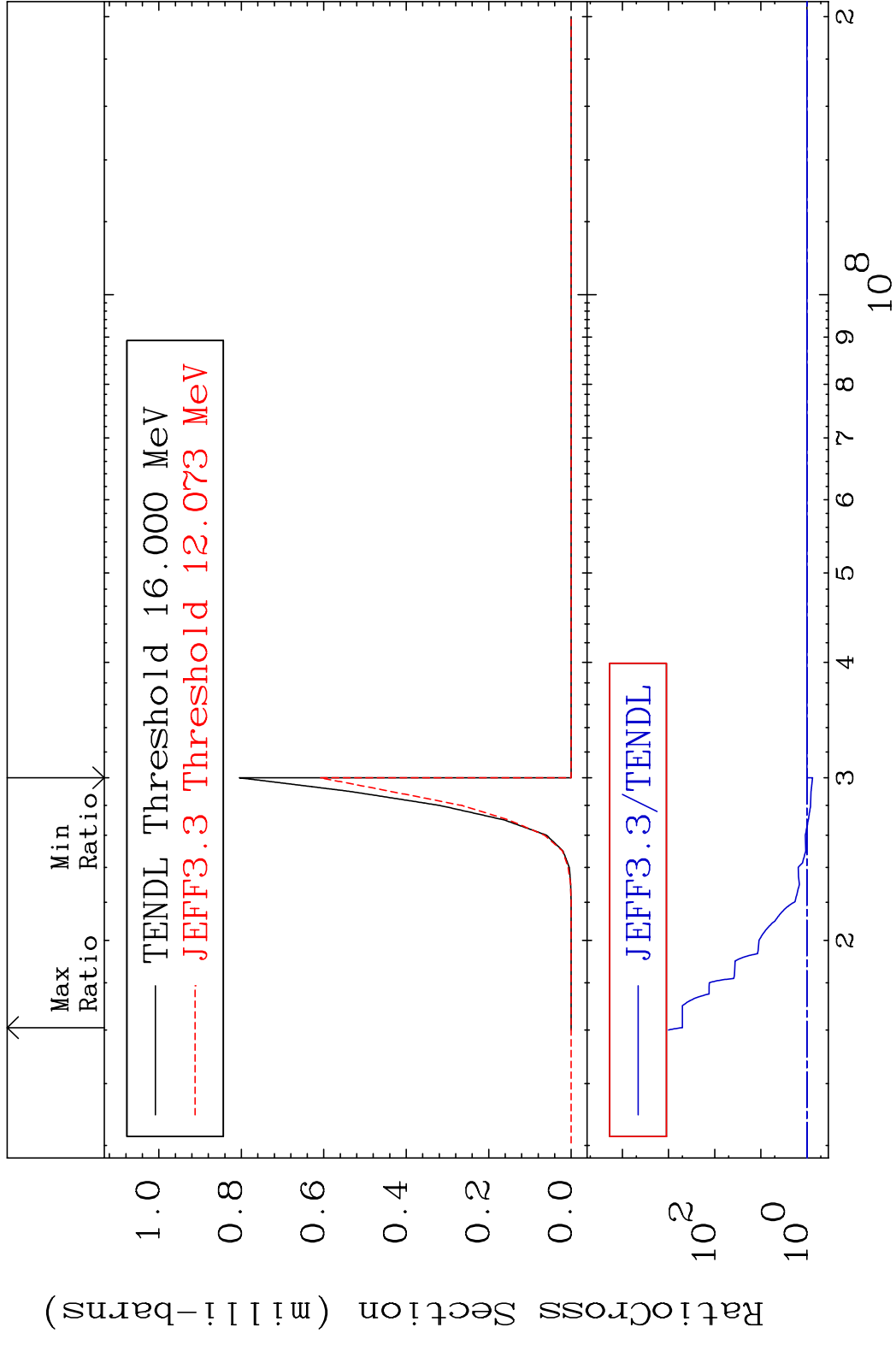


MAT 5255 (n, He-3):50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section Ratio 4009. %

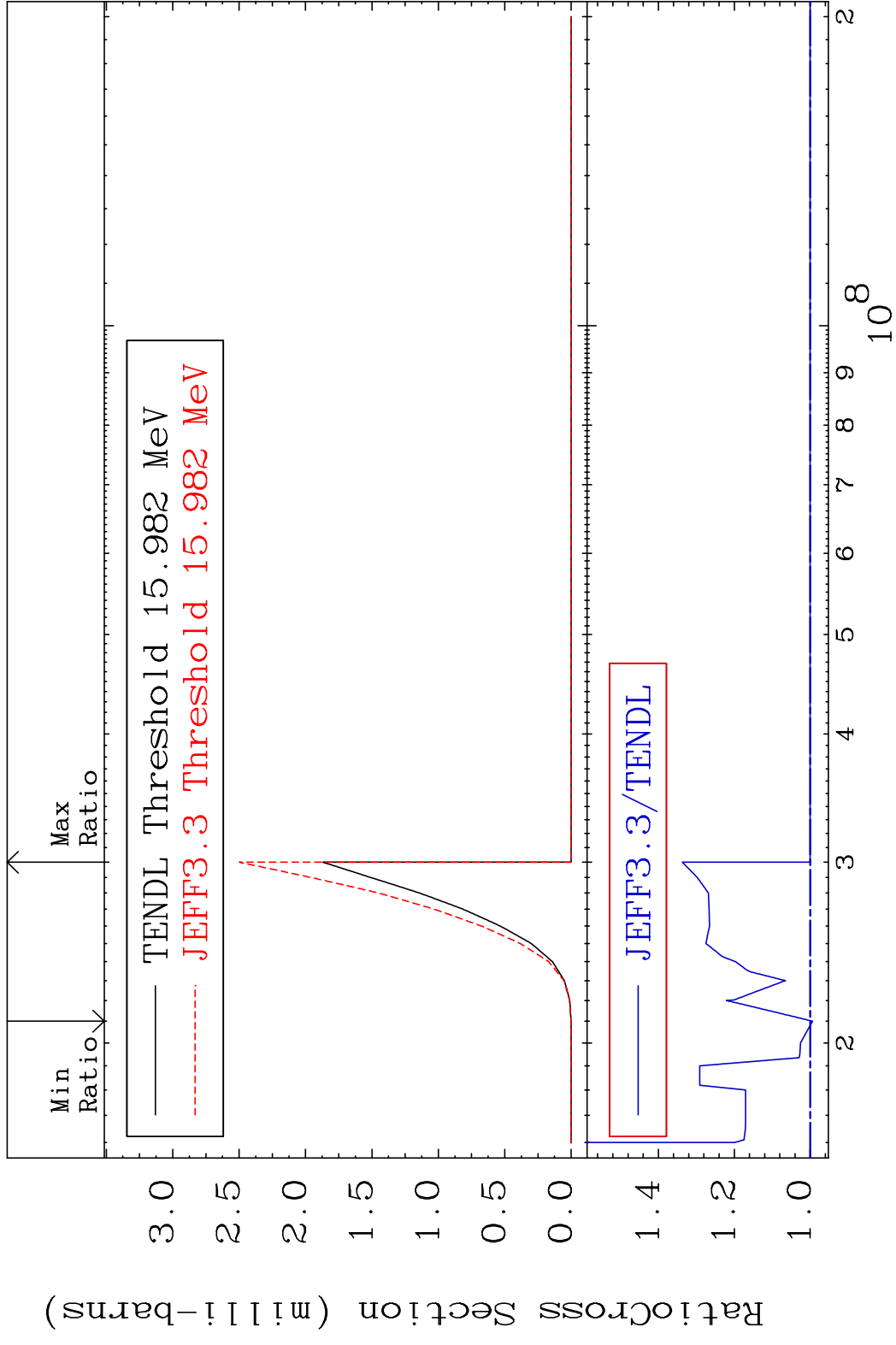


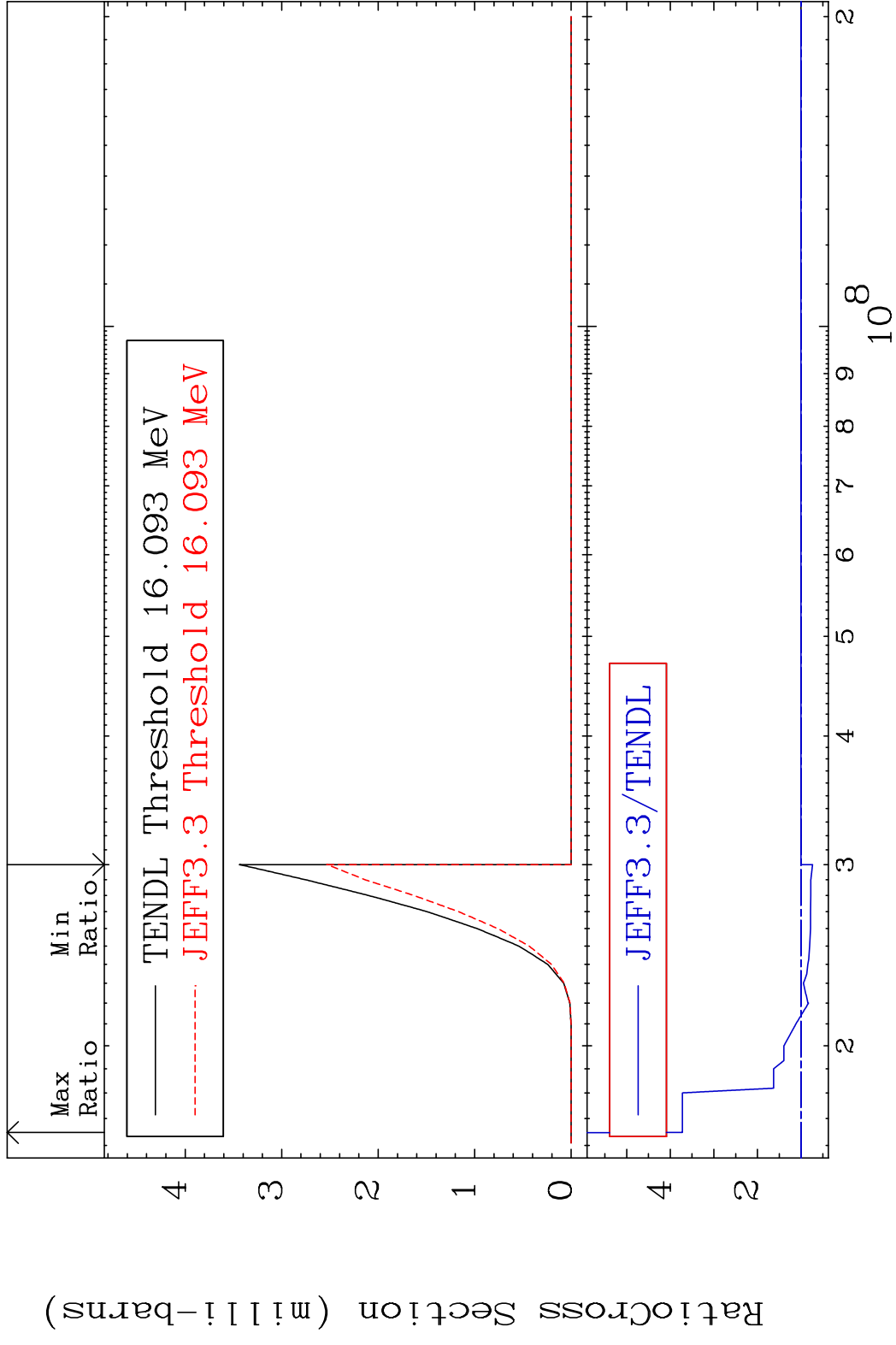


MAT 5255 (n,2n) α :50-Sn-125m1 52-Te-130
 Radionuclide Production Cross Section 9999. %

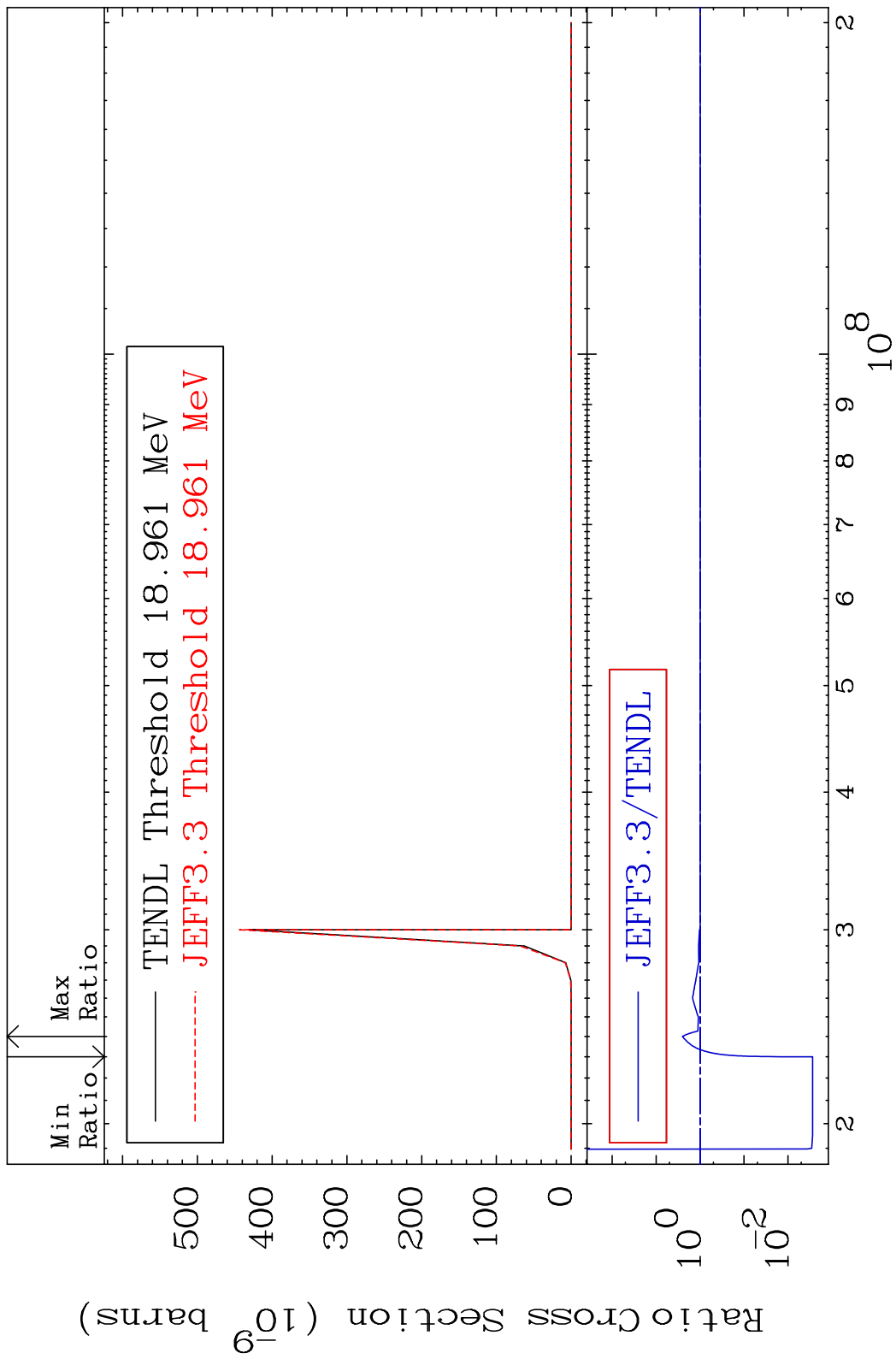


MAT 5255 (n, n') d:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section Ratio 33.68 %

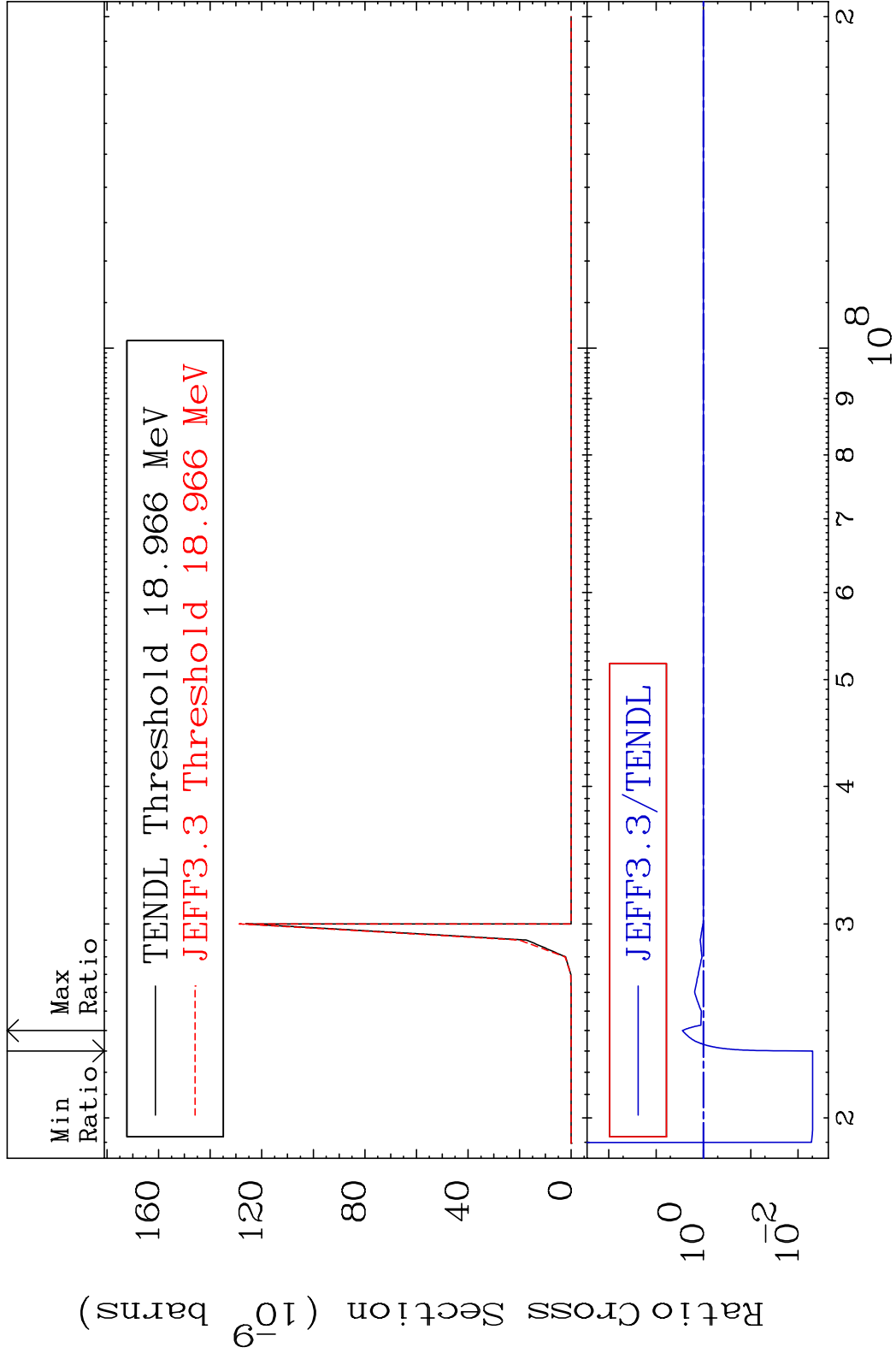




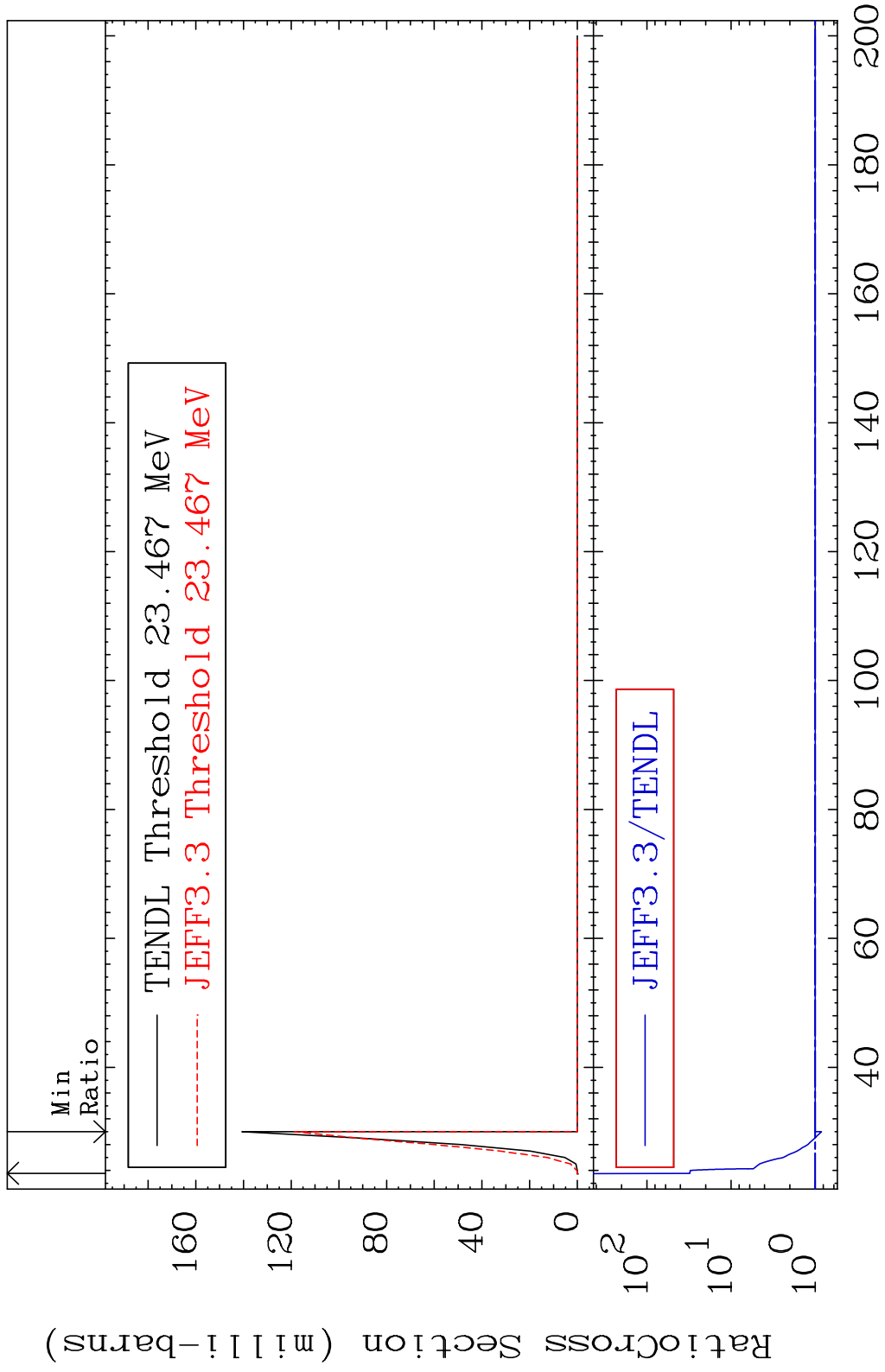
MAT 5255 (n, n') He-3:50-Sn-127g 52-Te-130
 Radionuclide Production Cross Section 98.721 dth 153.0 %



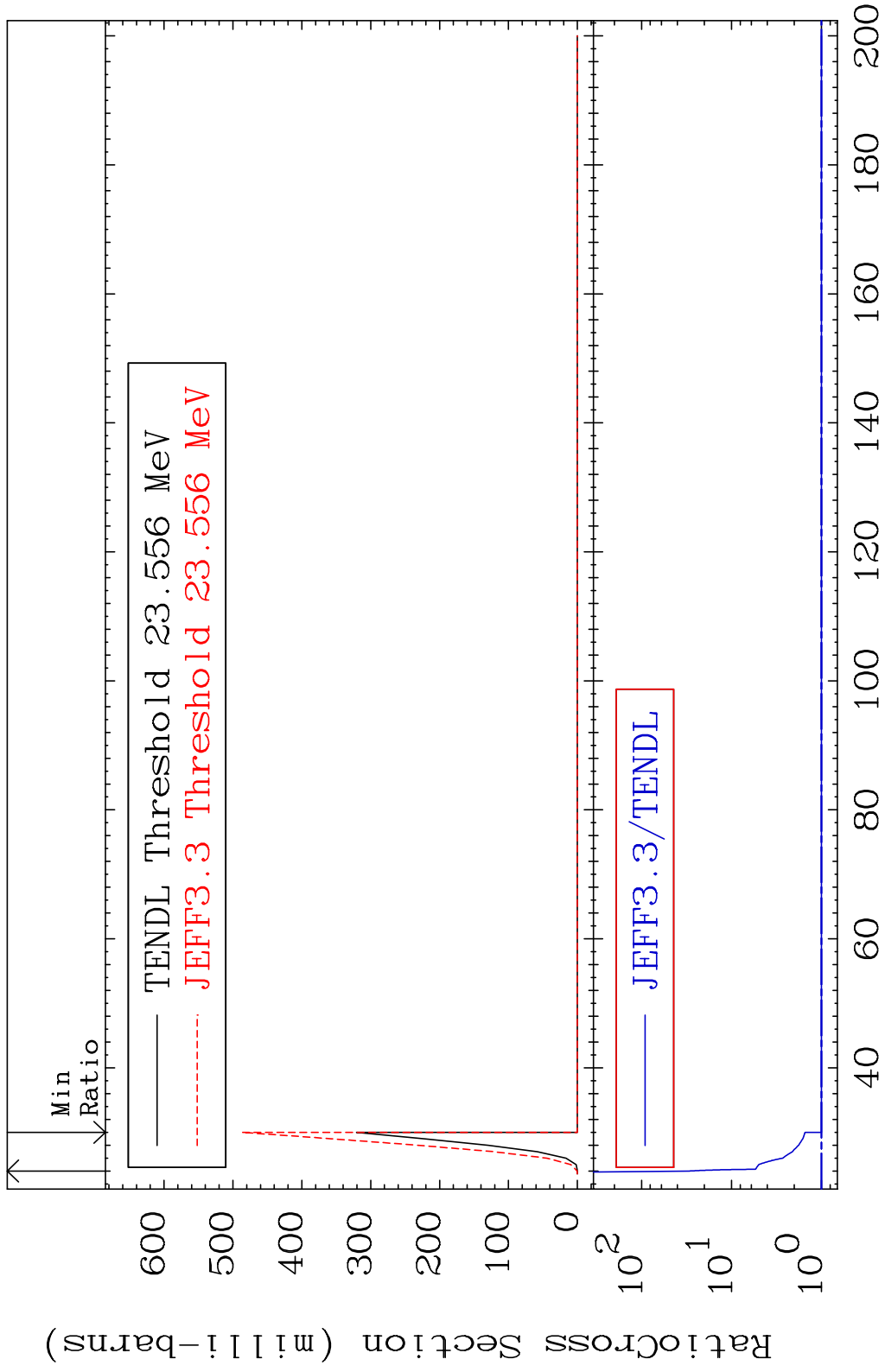
MAT 5255 (n, n') He-3:50-Sn-127m1 52-Te-130
 Radionuclide Production Cross Section 98.51 dth 178.6 %



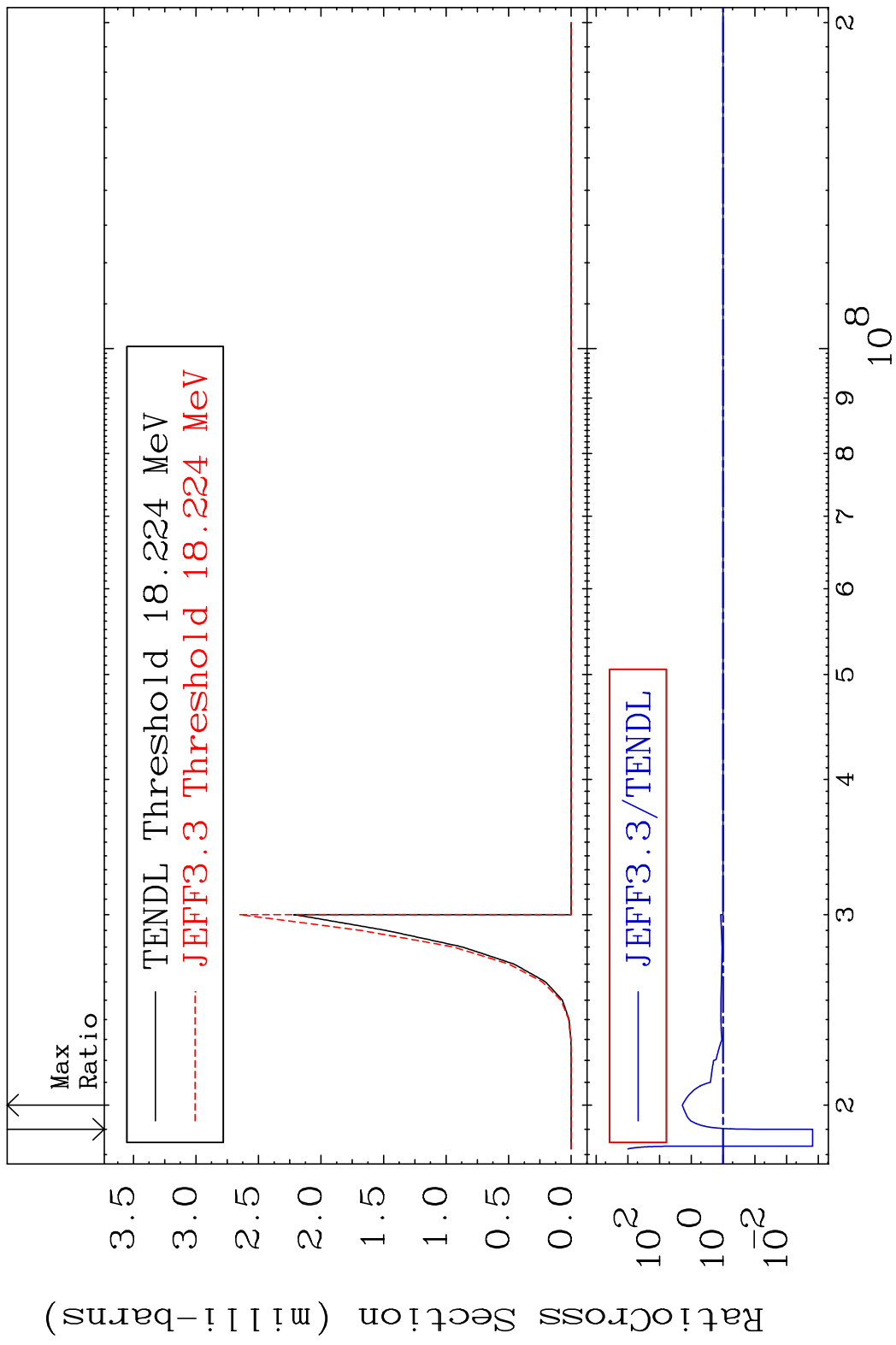
MAT 5255 (n,4n):52-Te-127g 52-Te-130
 Radionuclide Production Cross Section 156.571 dth 2994. %

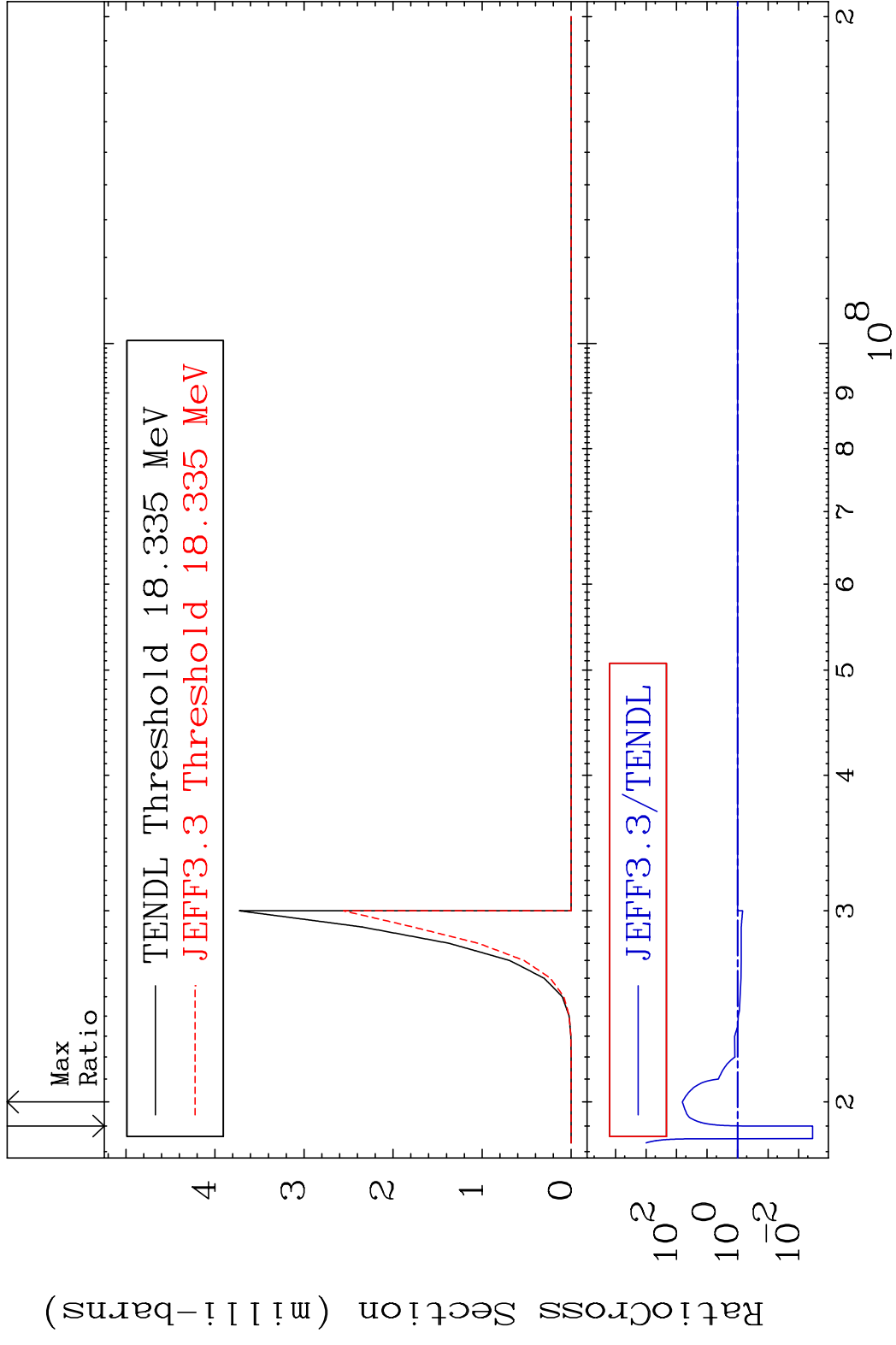


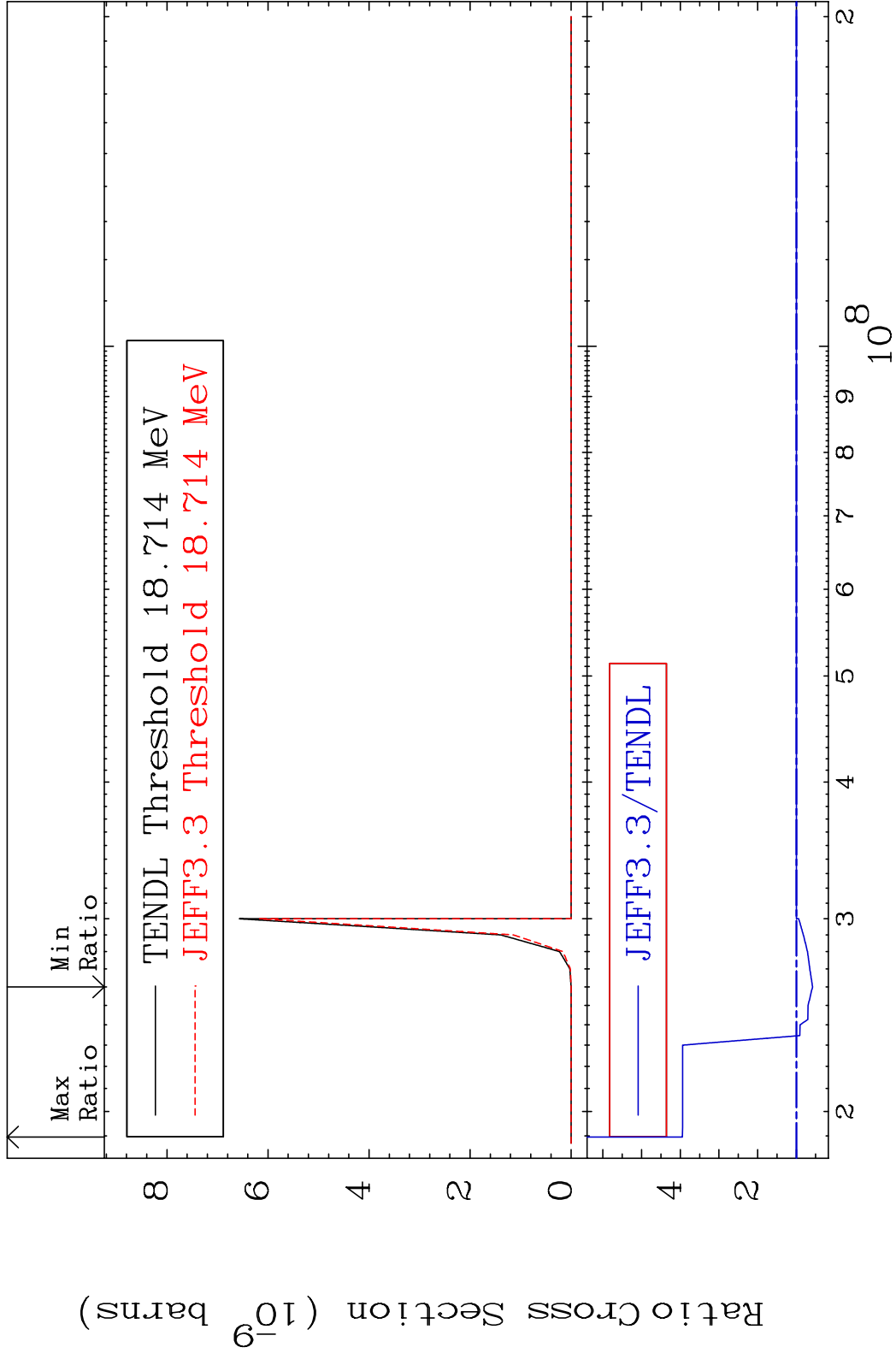
MAT 5255 (n, 4n):52-Te-127m2 52-Te-130
 Radionuclide Production Cross Section 2808. %



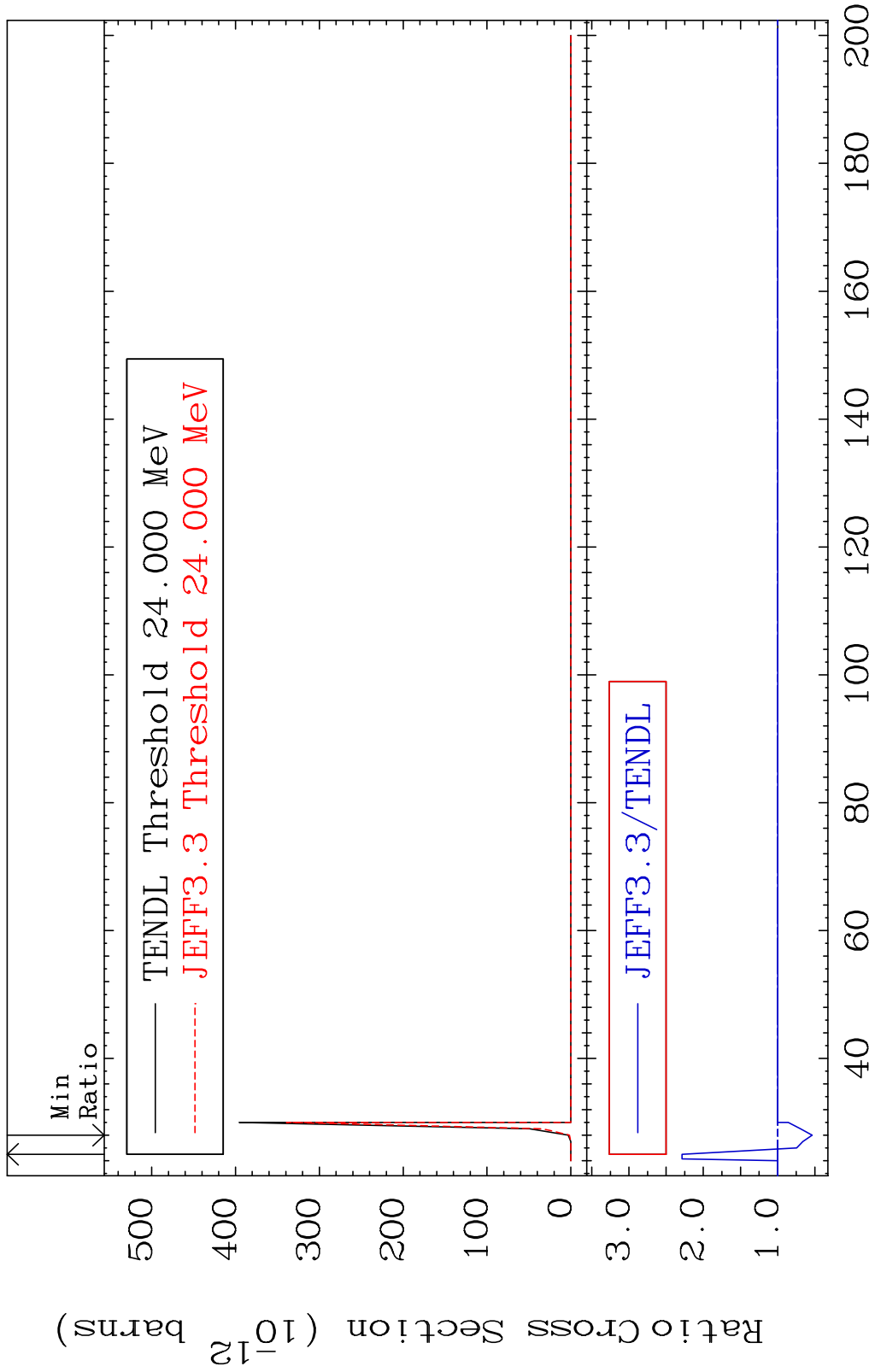
MAT 5255 (n,2n) p:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 98.65 dth 1817. %



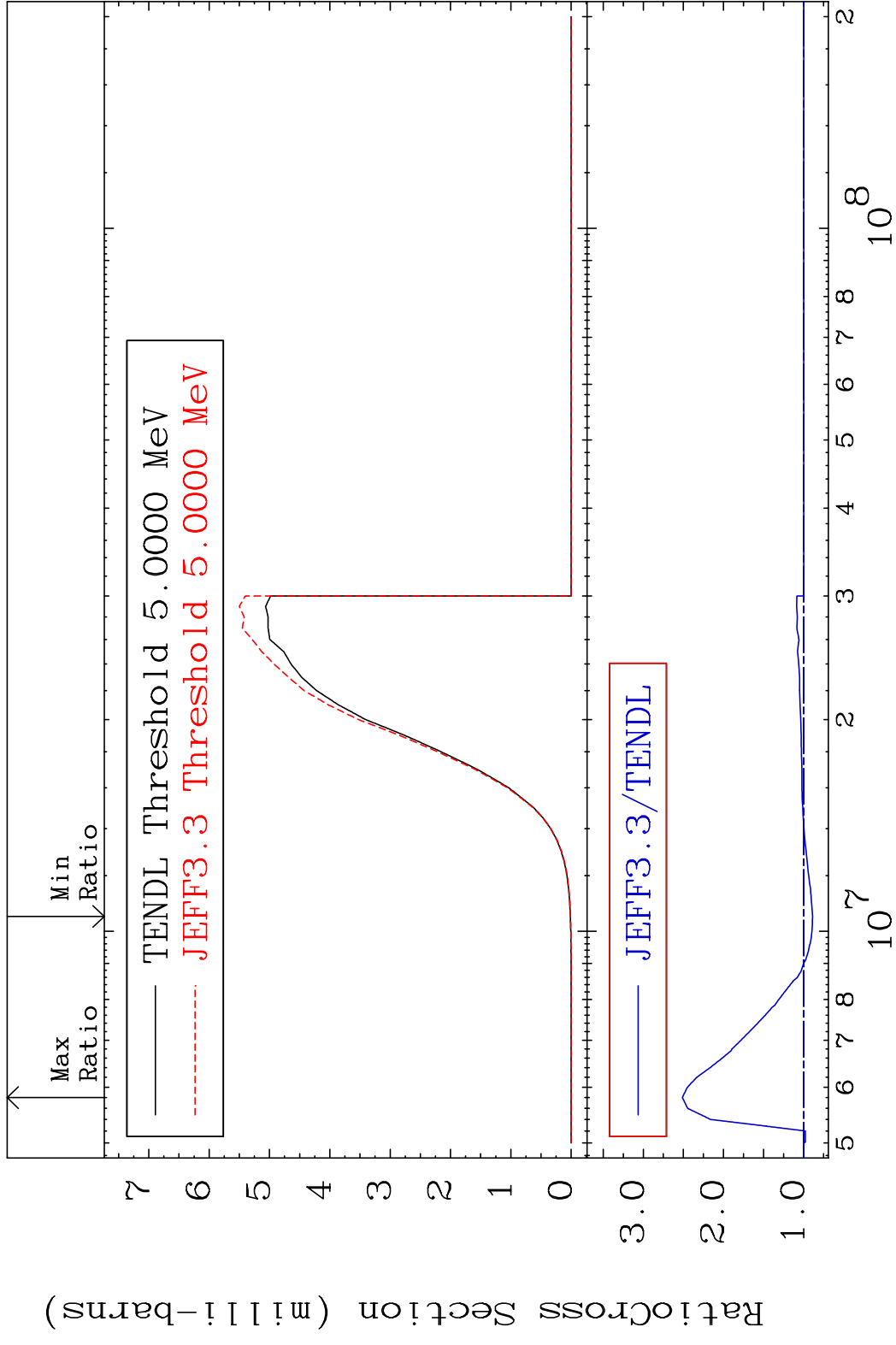




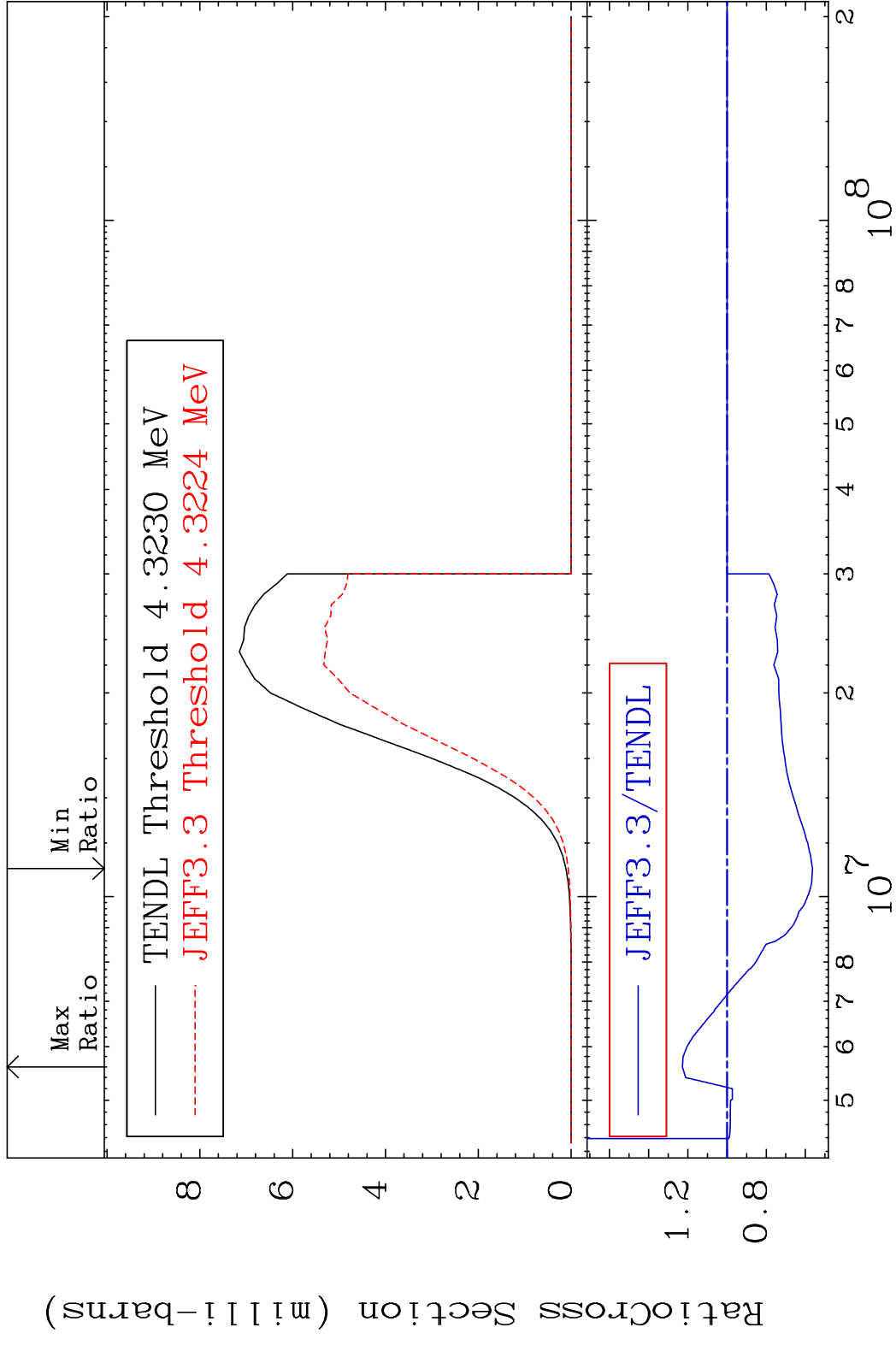
MAT 5255 (n,2n) p:50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section 128.7 %



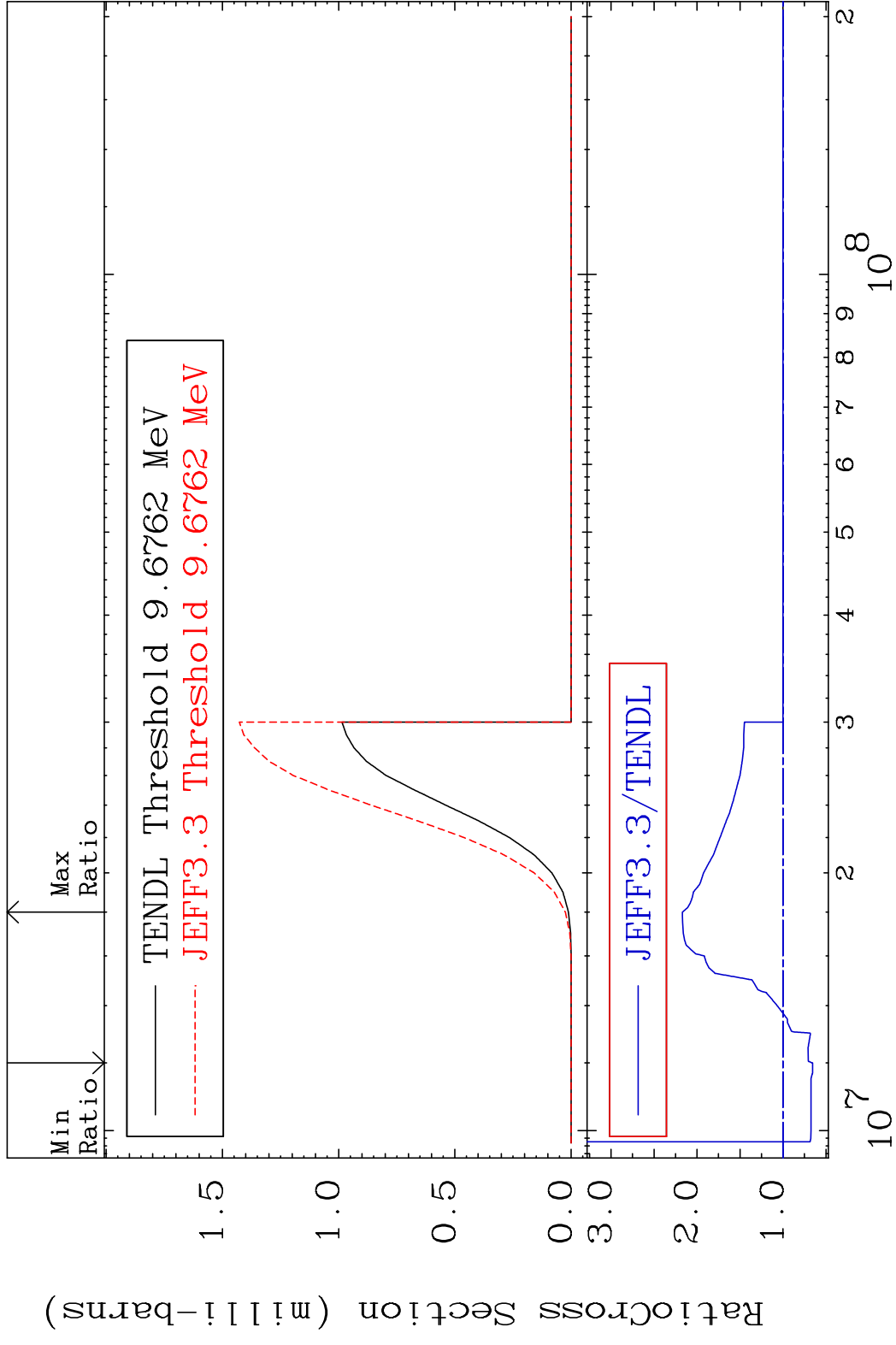
MAT 5255 (n,p):51-Sb-130g 52-Te-130
 Radionuclide Production Cross Section 151.3 %



MAT 5255 (n, p):51-Sb-130m1 52-Te-130
 Radionuclide Production Cross Section 22.80 %

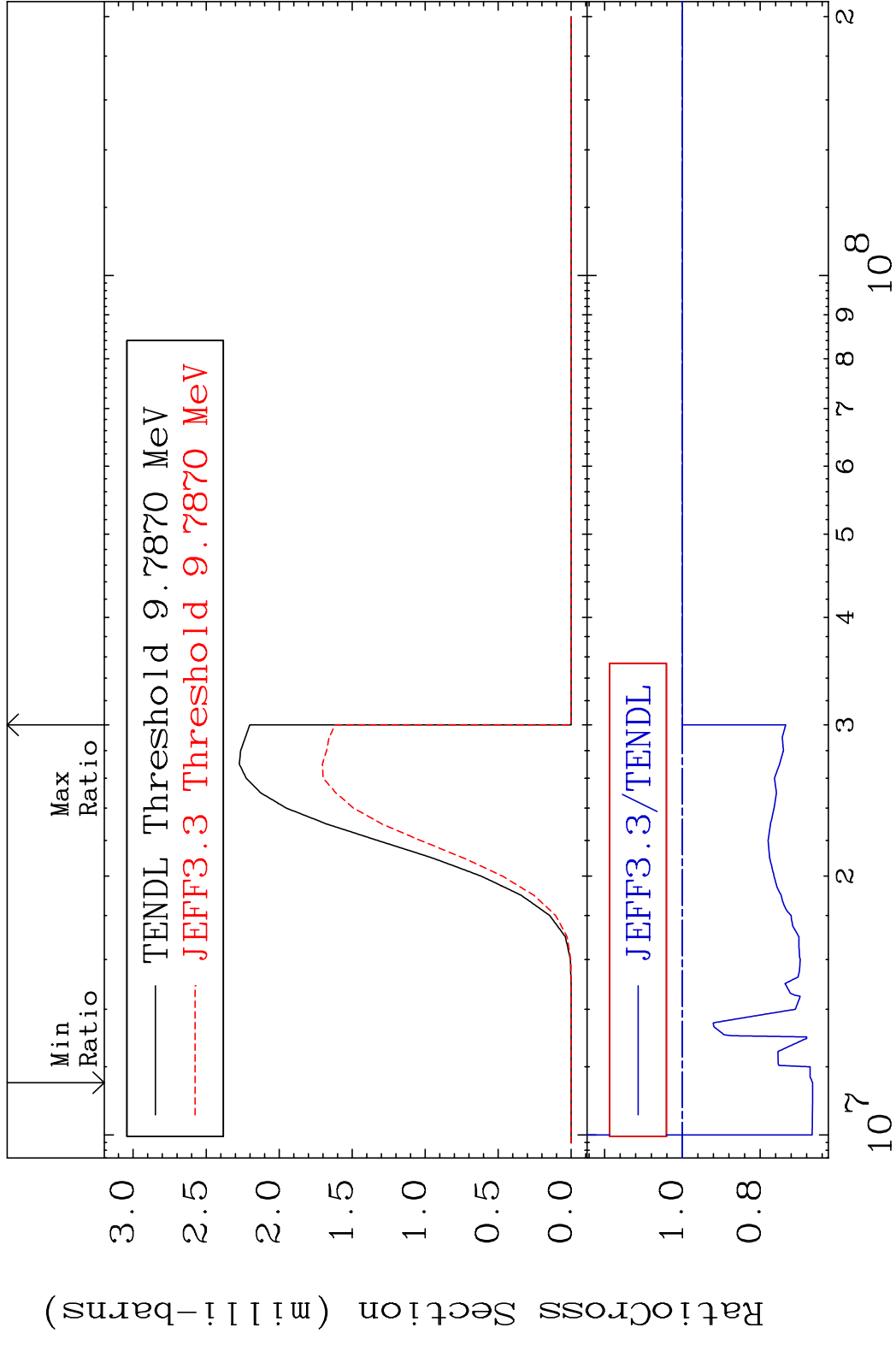


MAT 5255 (n, t):51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 117.1 %



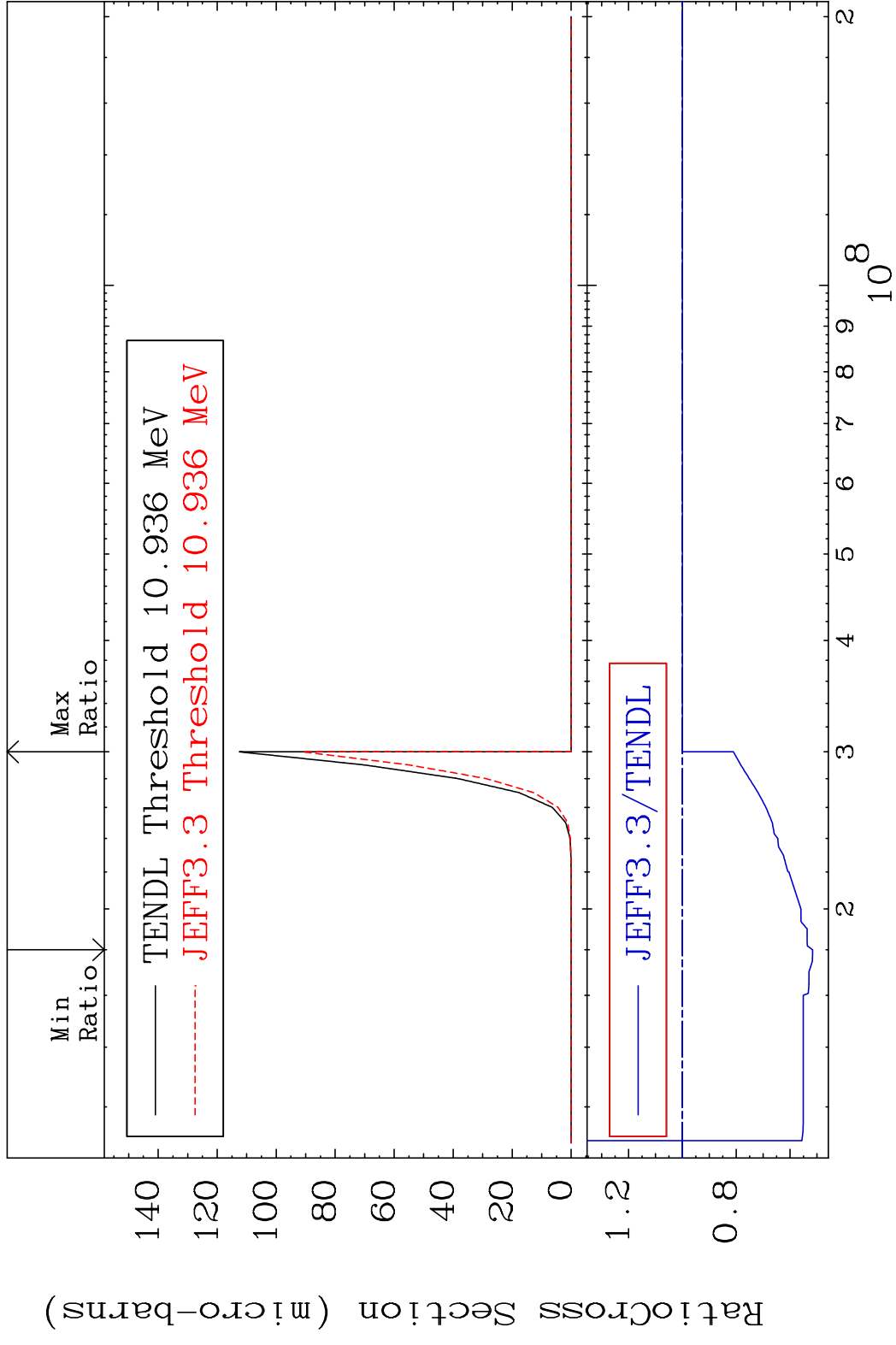
90 Incident Energy (eV) 52-Te-130

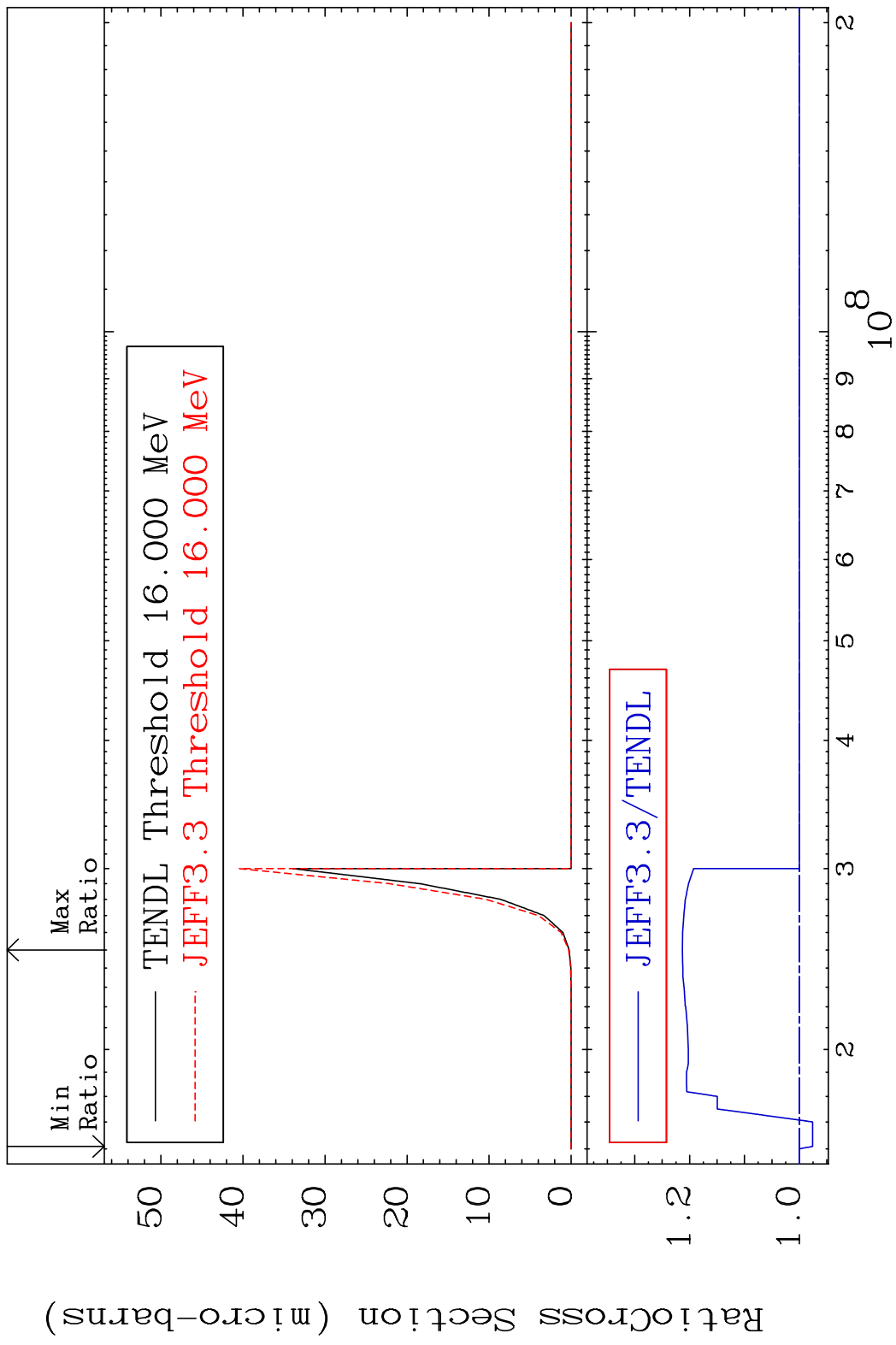
MAT 5255 (n, t):51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section 0.000 %



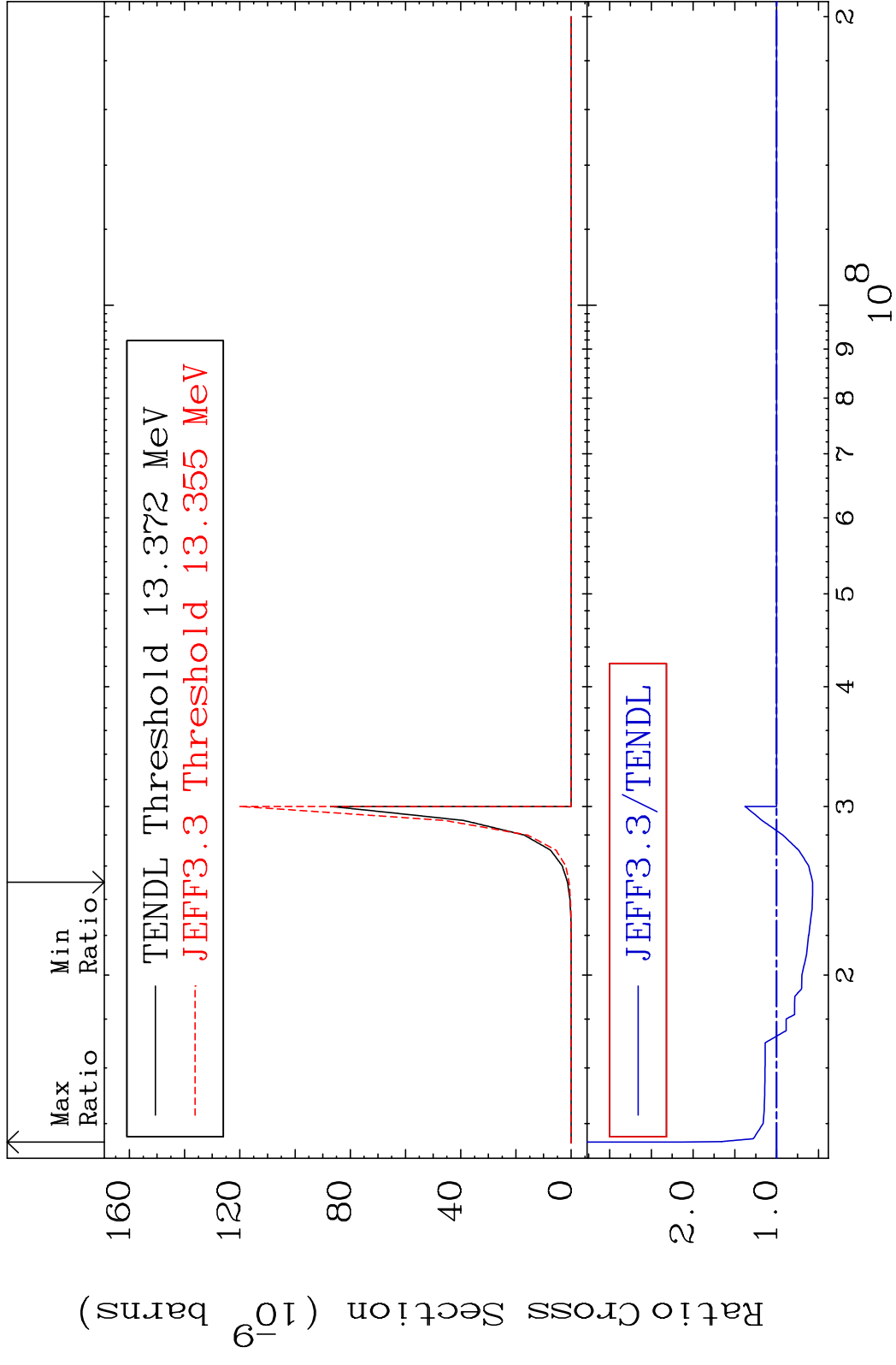
91 Incident Energy (eV) 52-Te-130

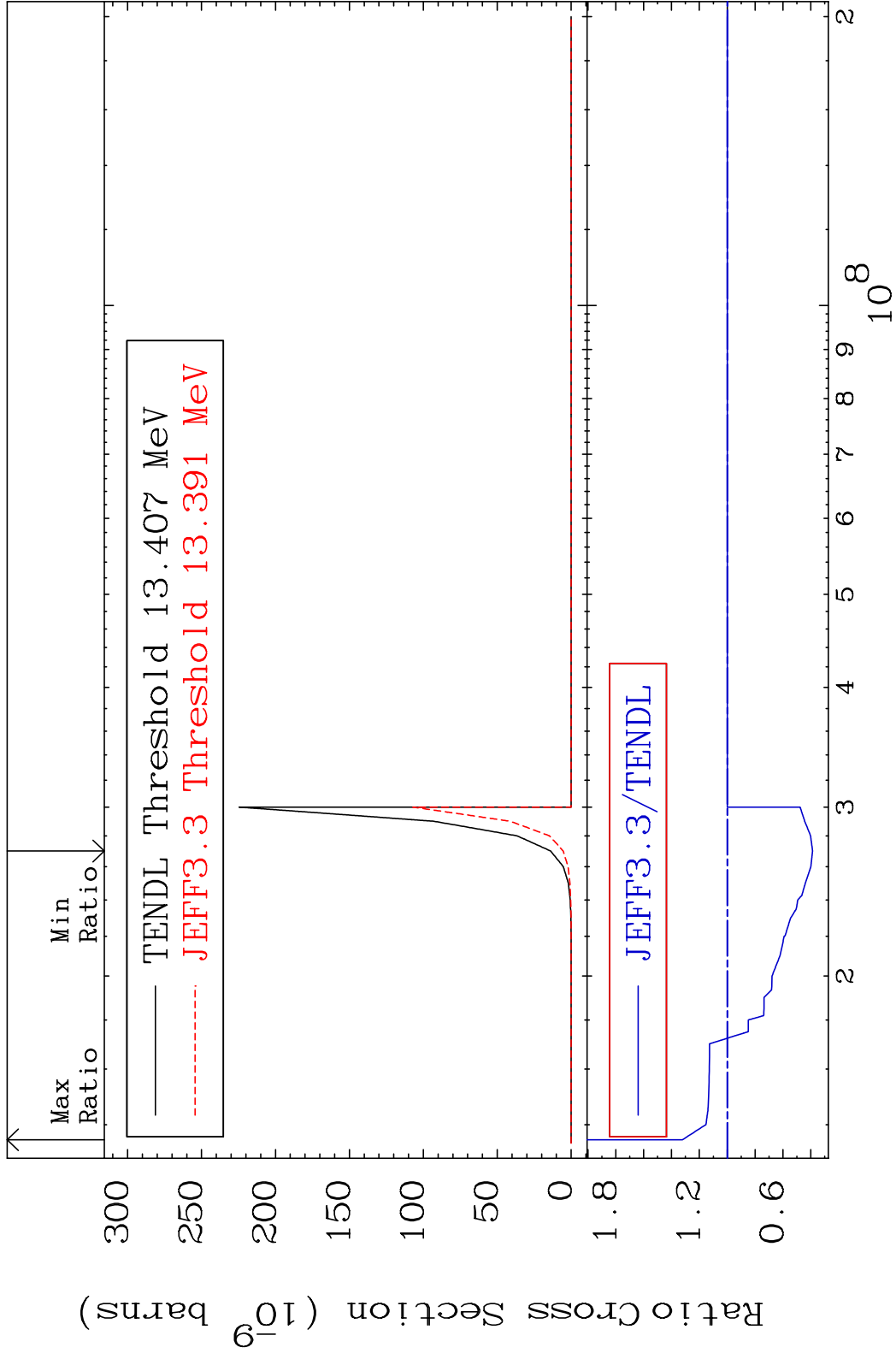
MAT 5255 (n, He-3):50-Sn-128g 52-Te-130
 Radionuclide Production Cross Section 48e-41 to 0.000 %

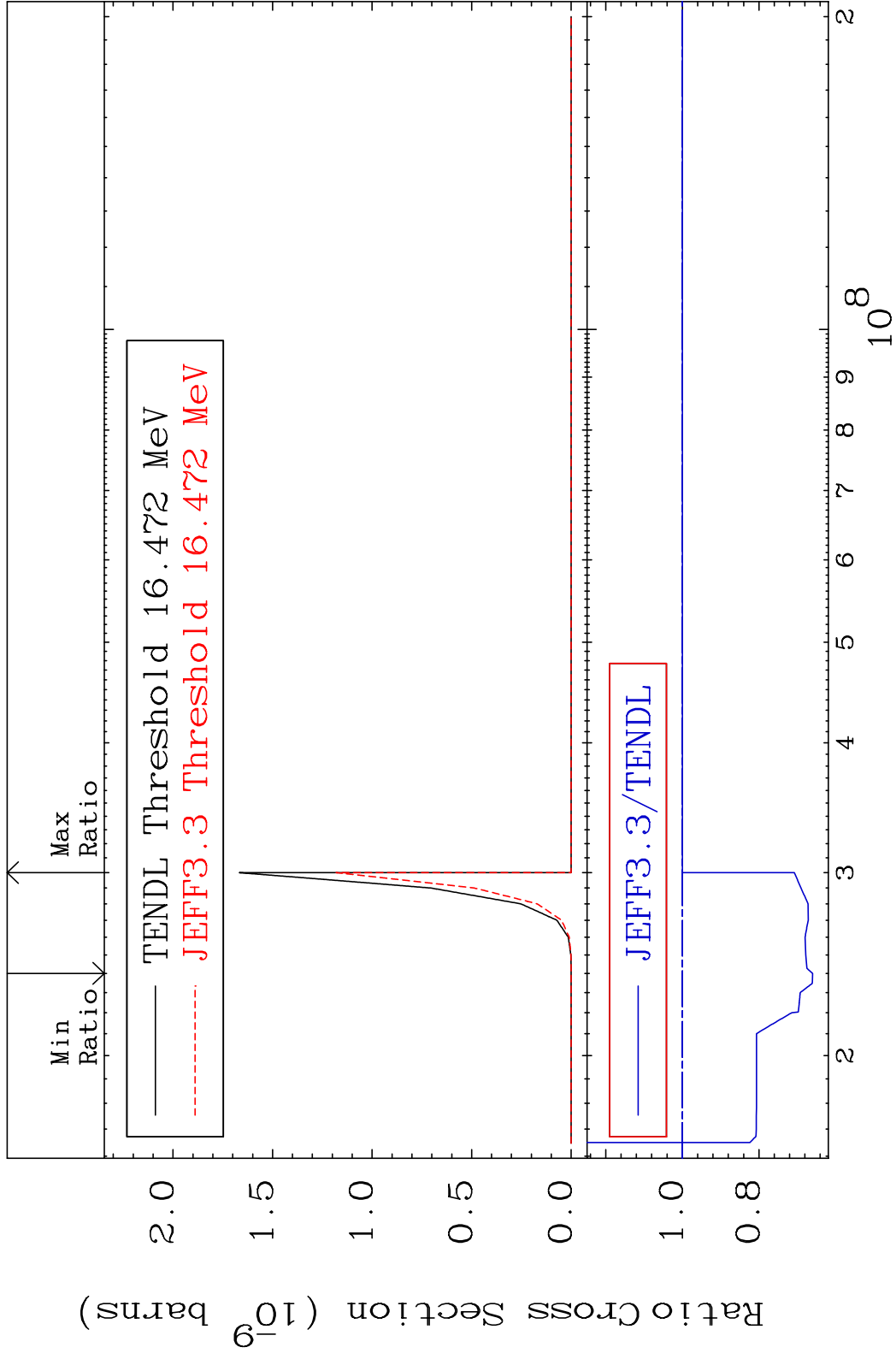




MAT 5255 (n,2p):50-Sn-129g 52-Te-130
 Radionuclide Production Cross Section 112.8 %







MAT 5255 (n,p) d:50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section 18.000 mb 0.000 %

