

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

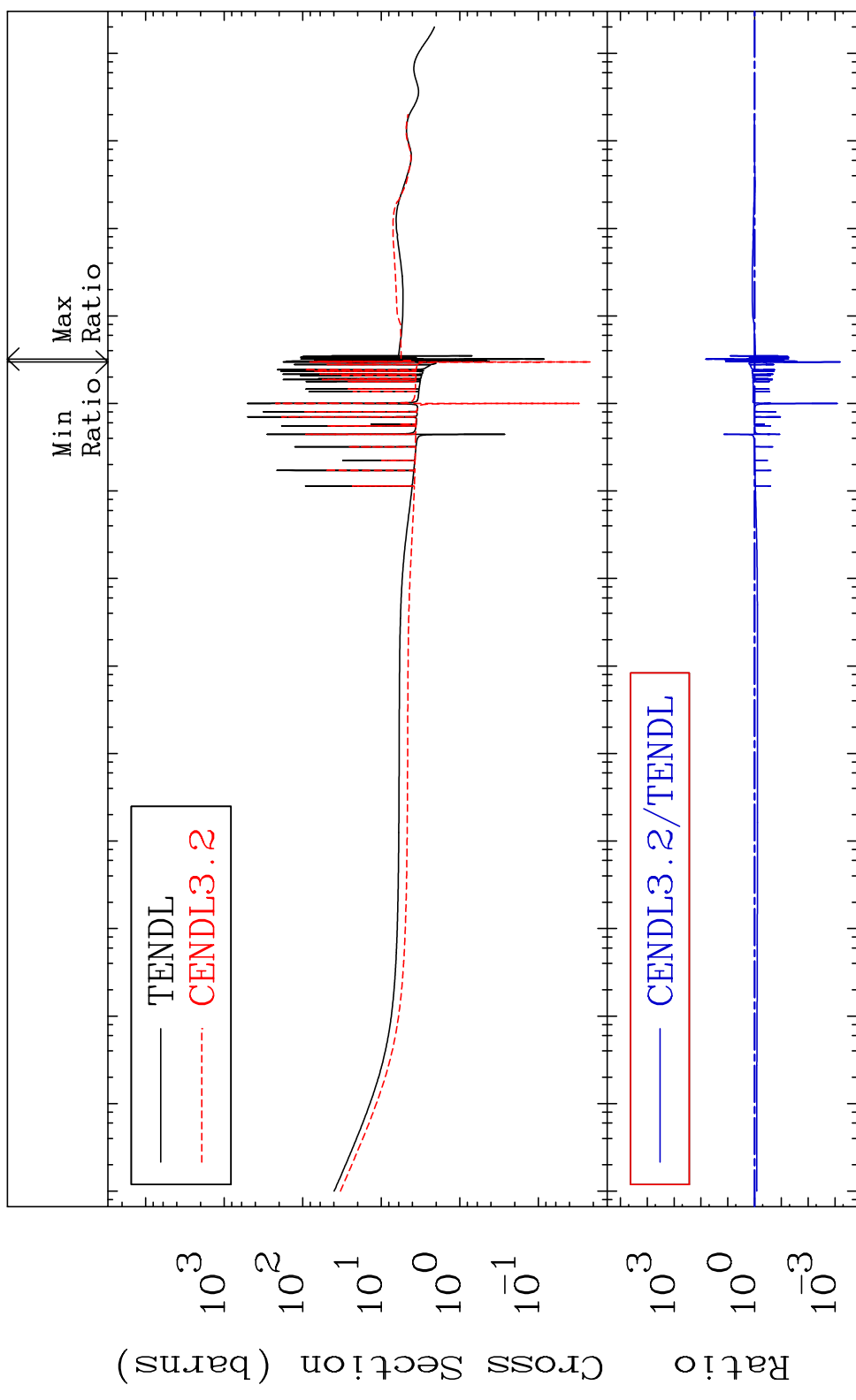
MAT 5255

Total

52-Te-130

Cross Section

-99.94 To 6504. %



1

Incident Energy (eV)

52-Te-130

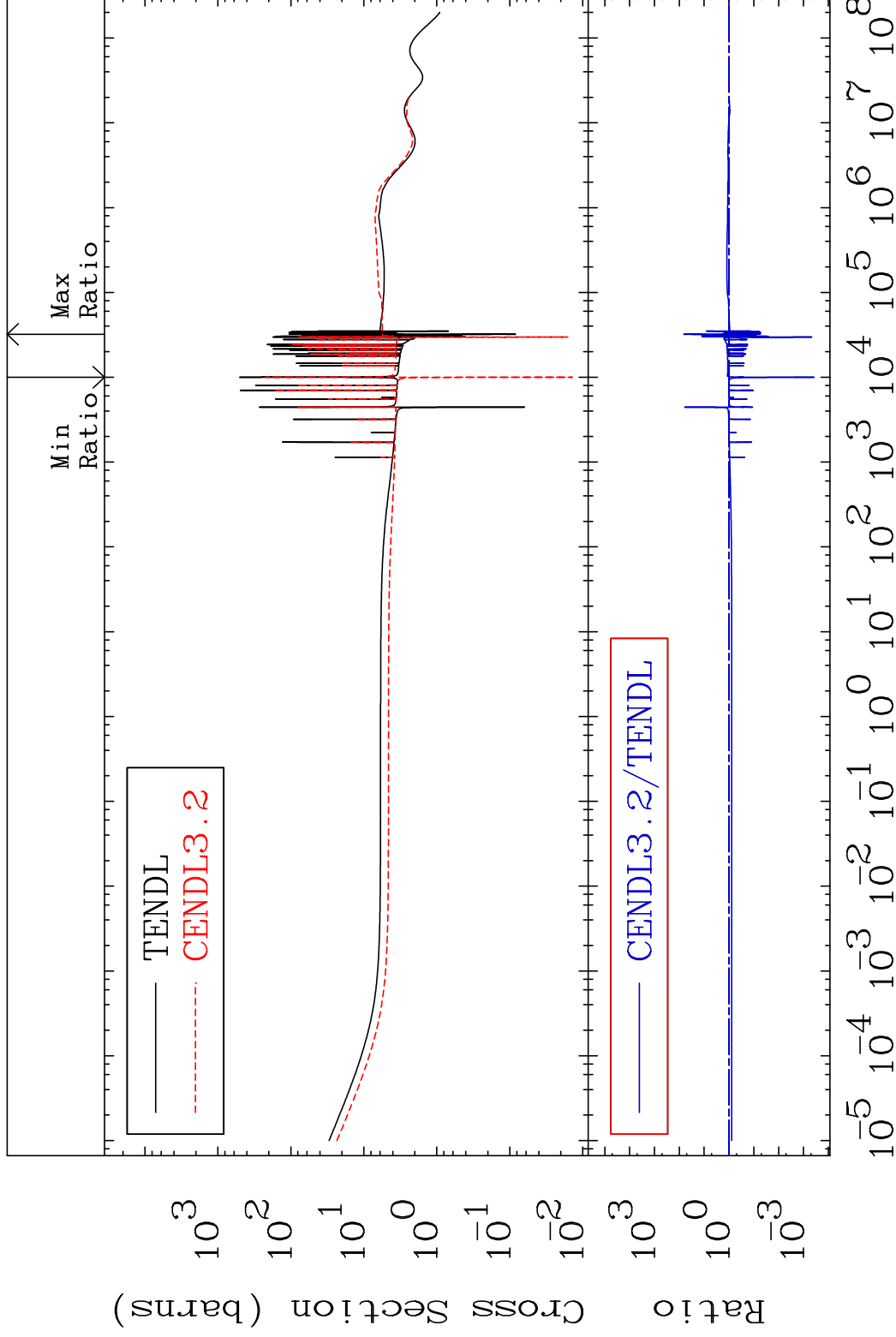
MAT 5255

Elastic

52-Te-130

Cross Section

-99.96 To 6567. %

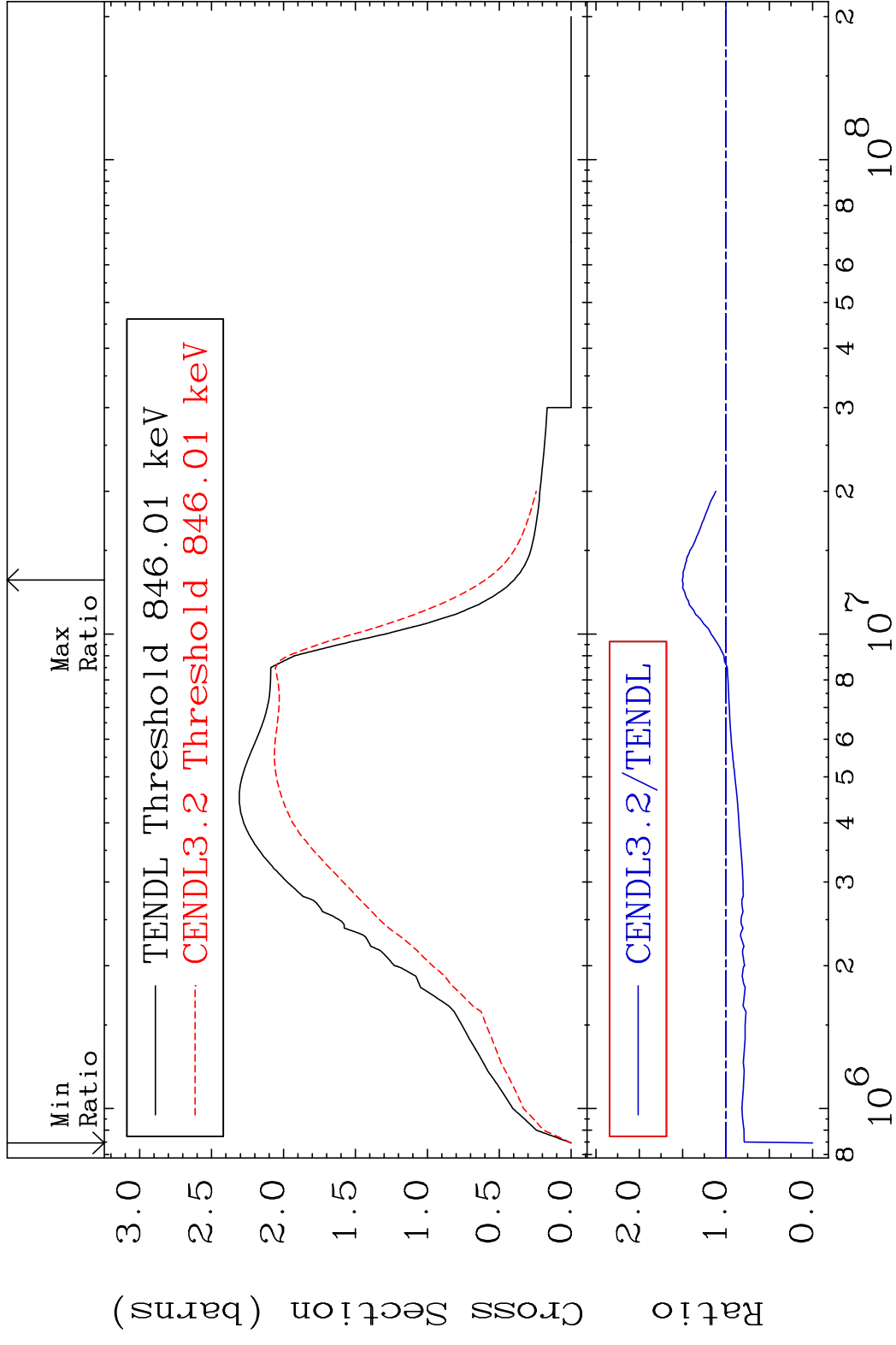


2

Incident Energy (eV)

52-Te-130

MAT 5255 Inelastic Cross Section -100.0 To 50.30 % 52-Te-130



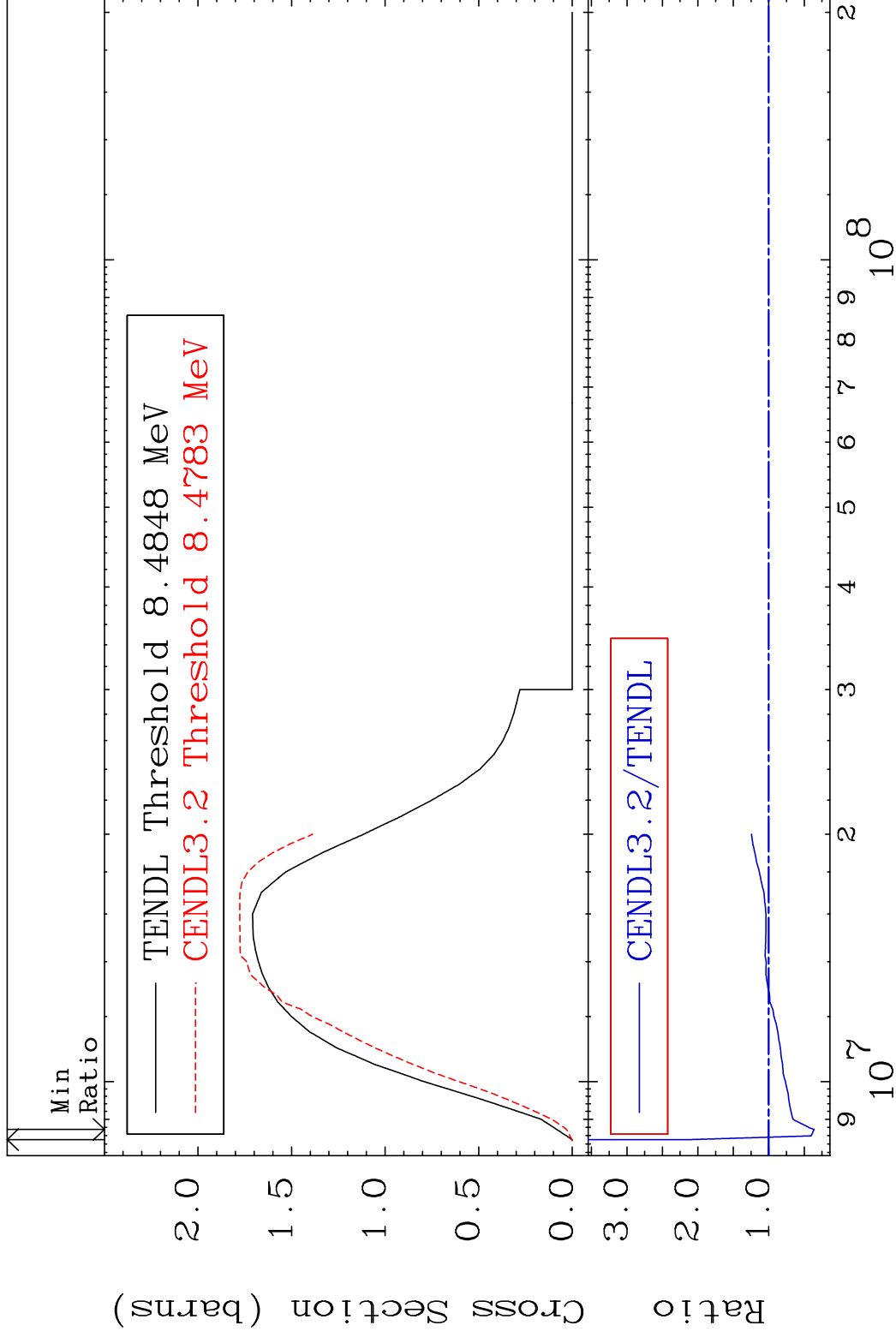
3 8 10⁶ 2 3 4 5 6 8 10⁷ 8 10⁸ 2 52-Te-130

MAT 5255

(n,2n)

52-Te-130

Cross Section -63.93 To 120.0 %



4

Incident Energy (eV)

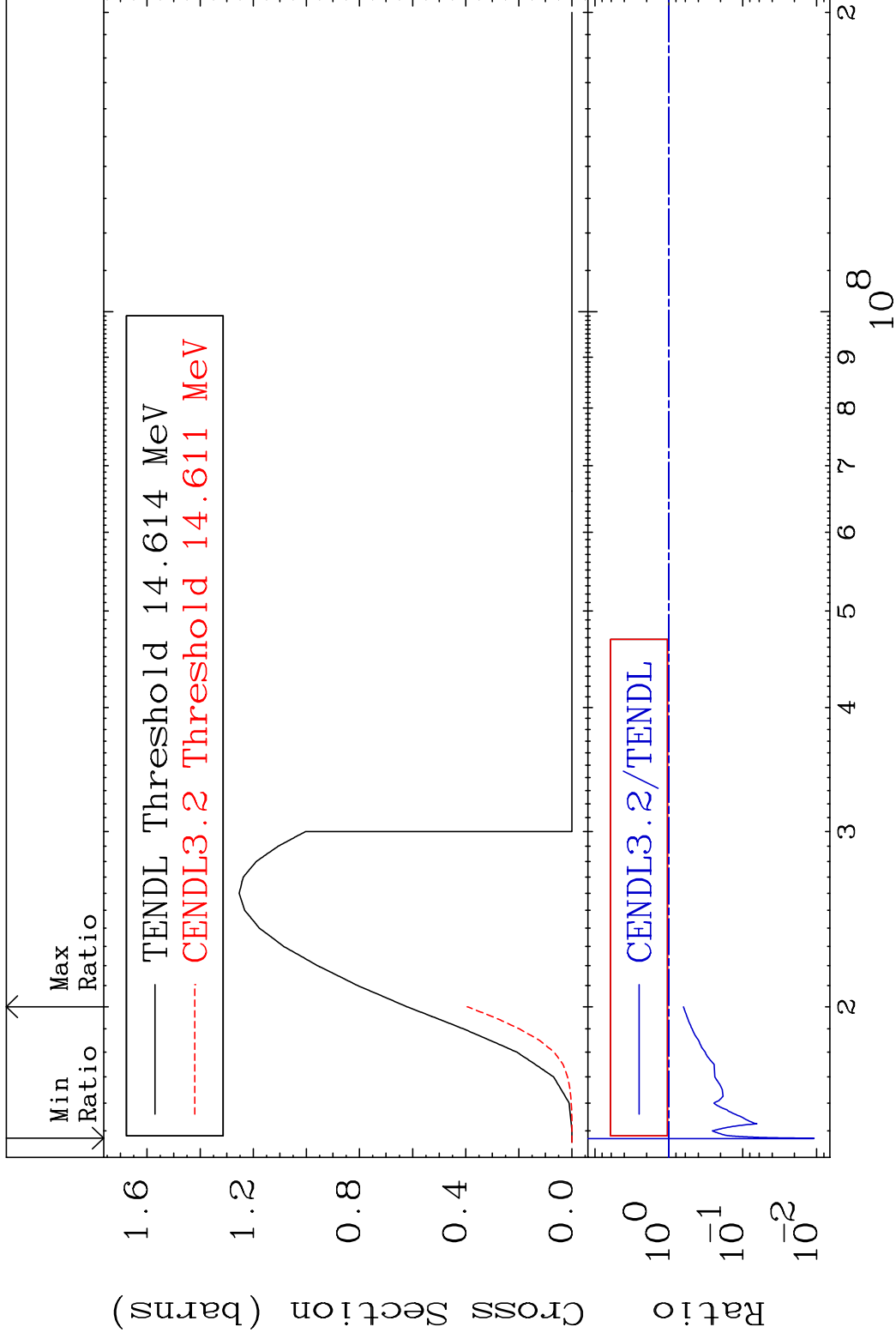
52-Te-130

MAT 5255

(n,3n)

52-Te-130

Cross Section -98.91 To -36.57%

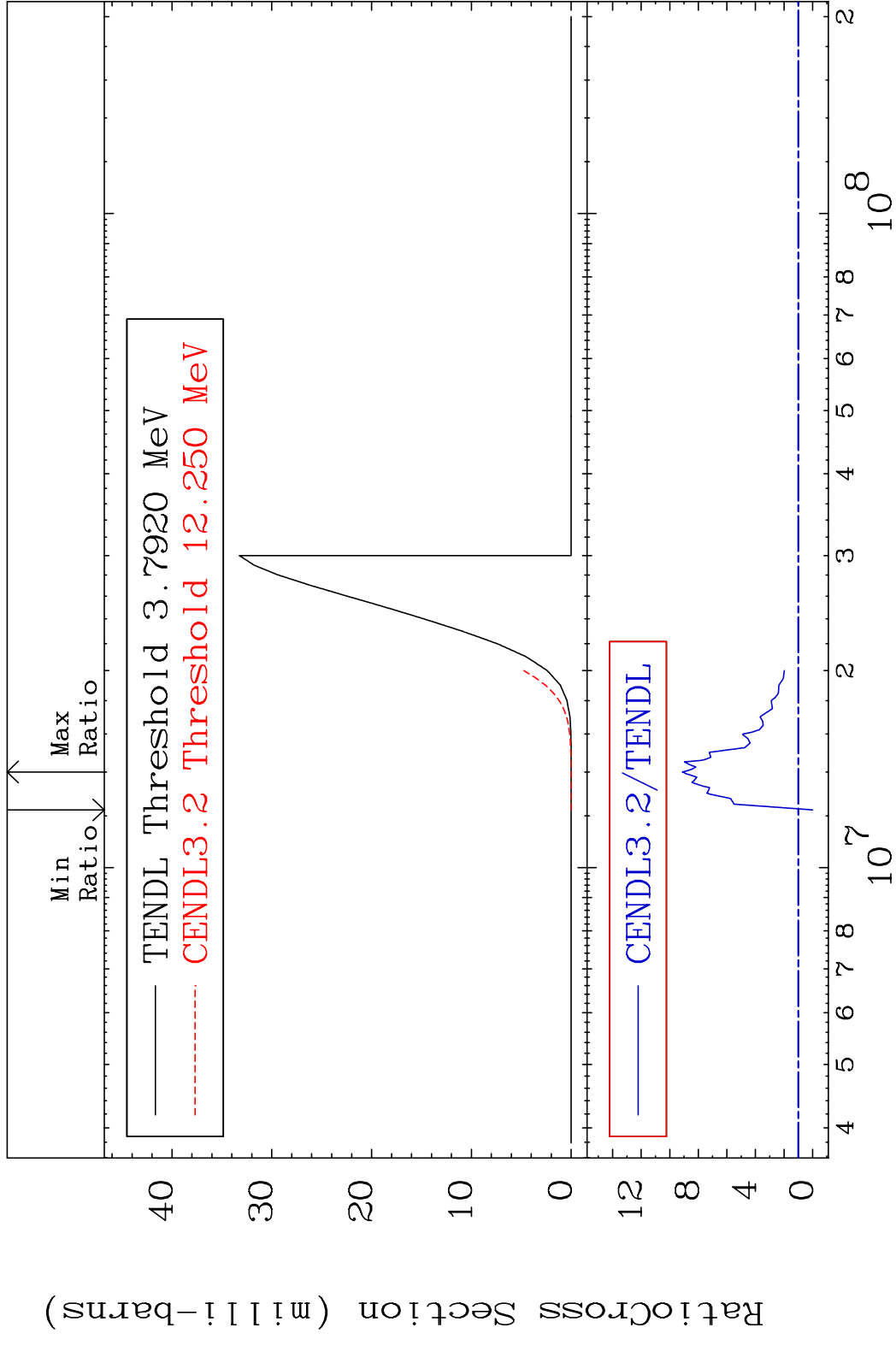


5

Incident Energy (eV)

52-Te-130

MAT 5255 (n, n') α 52-Te-130
 Cross Section -100.0 To 811.6 %

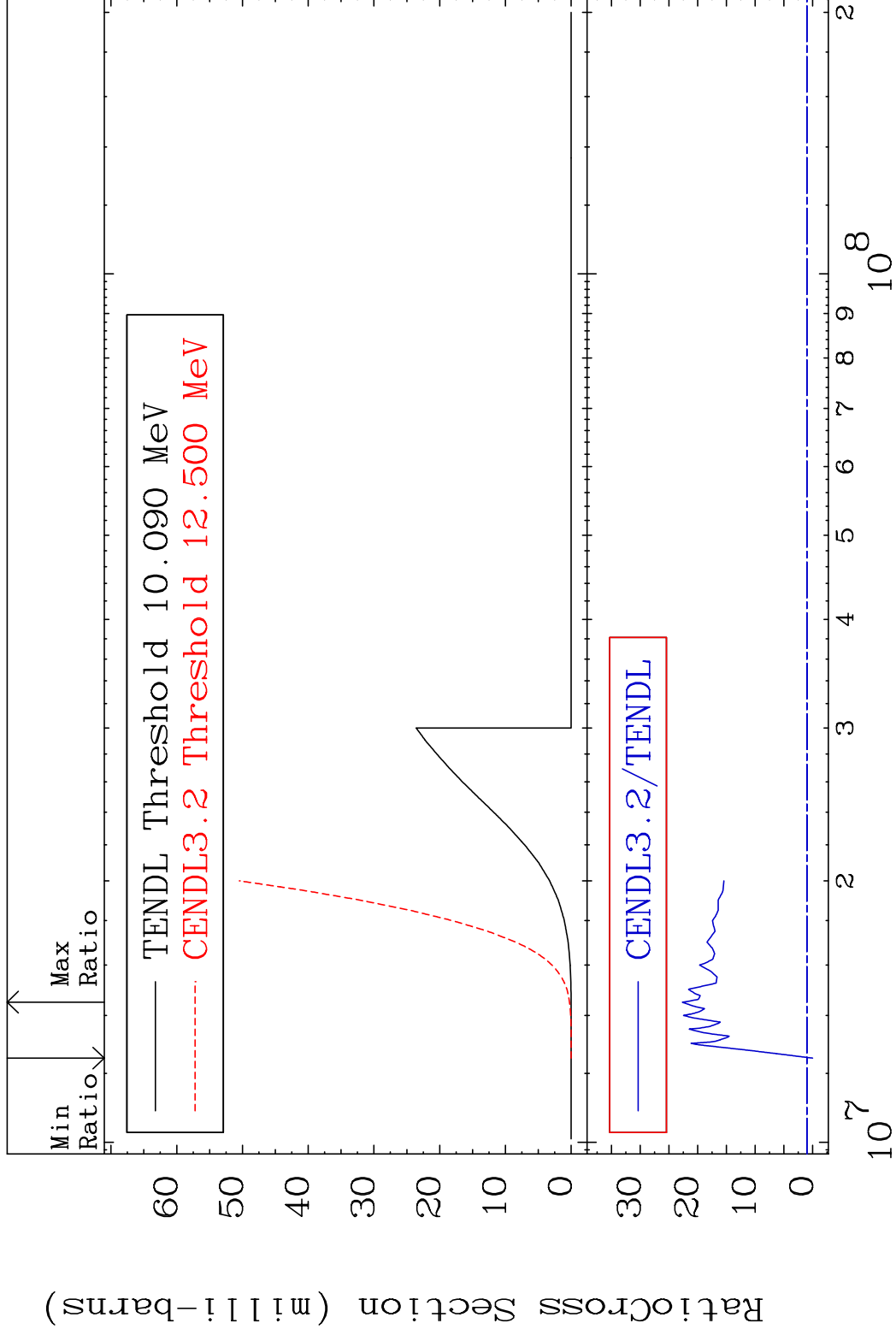


MAT 5255

(n, n') p

52-Te-130

Cross Section -100.0 To 2165. %

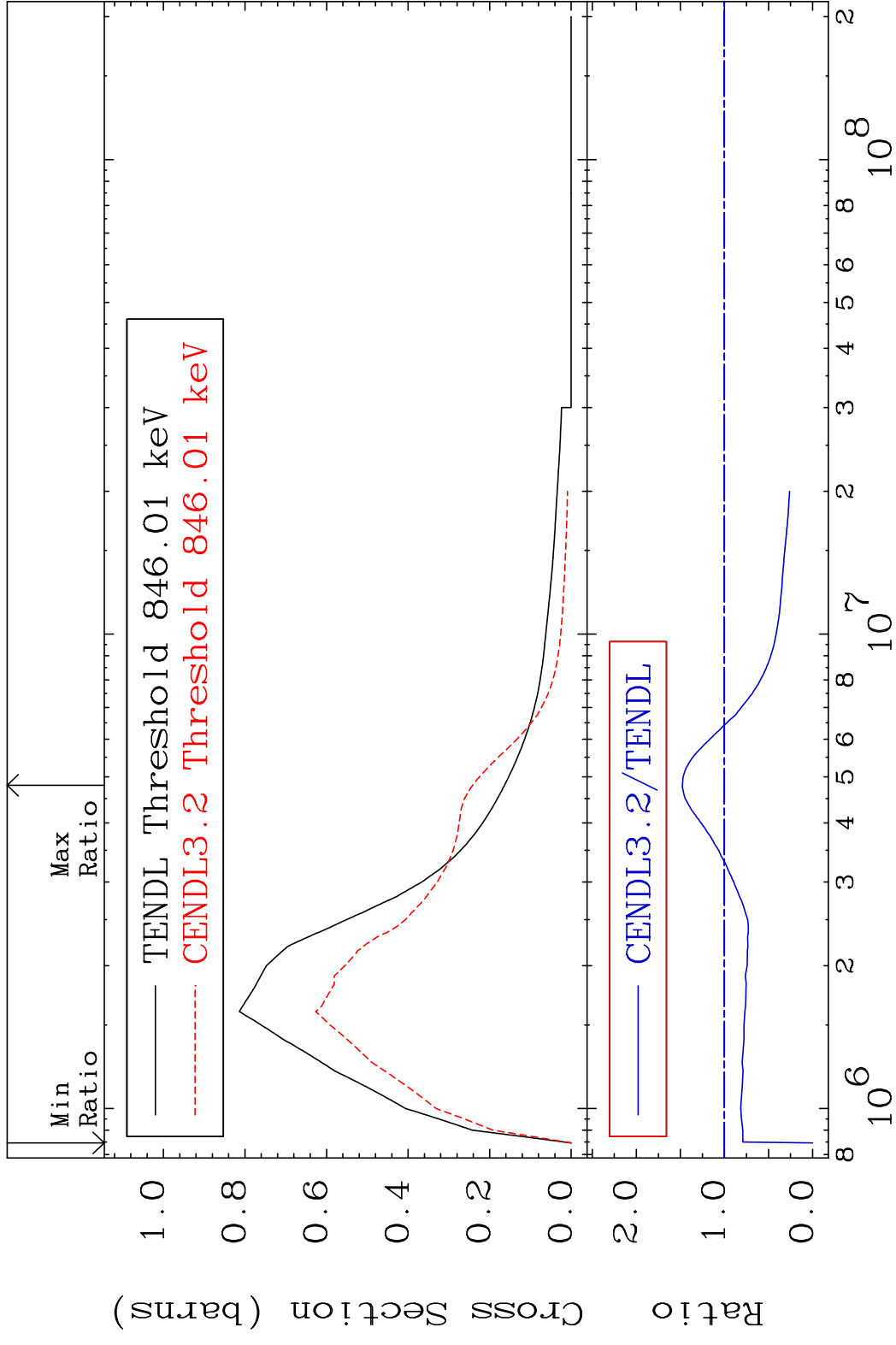


7

Incident Energy (eV)

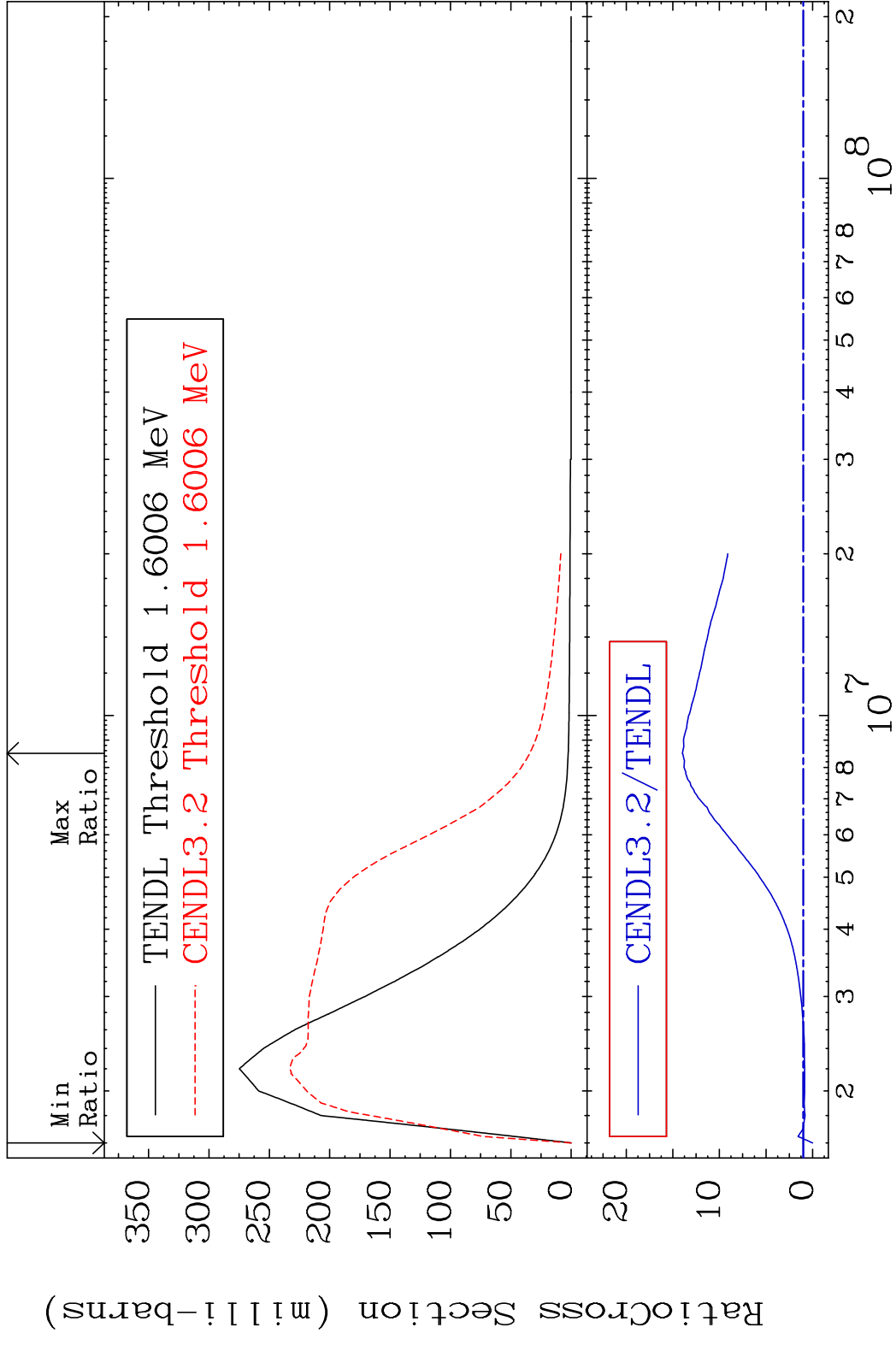
52-Te-130

MAT 5255 MT= 51 (n, n') Level 52-Te-130
 Cross Section -100.0 To 47.77 %

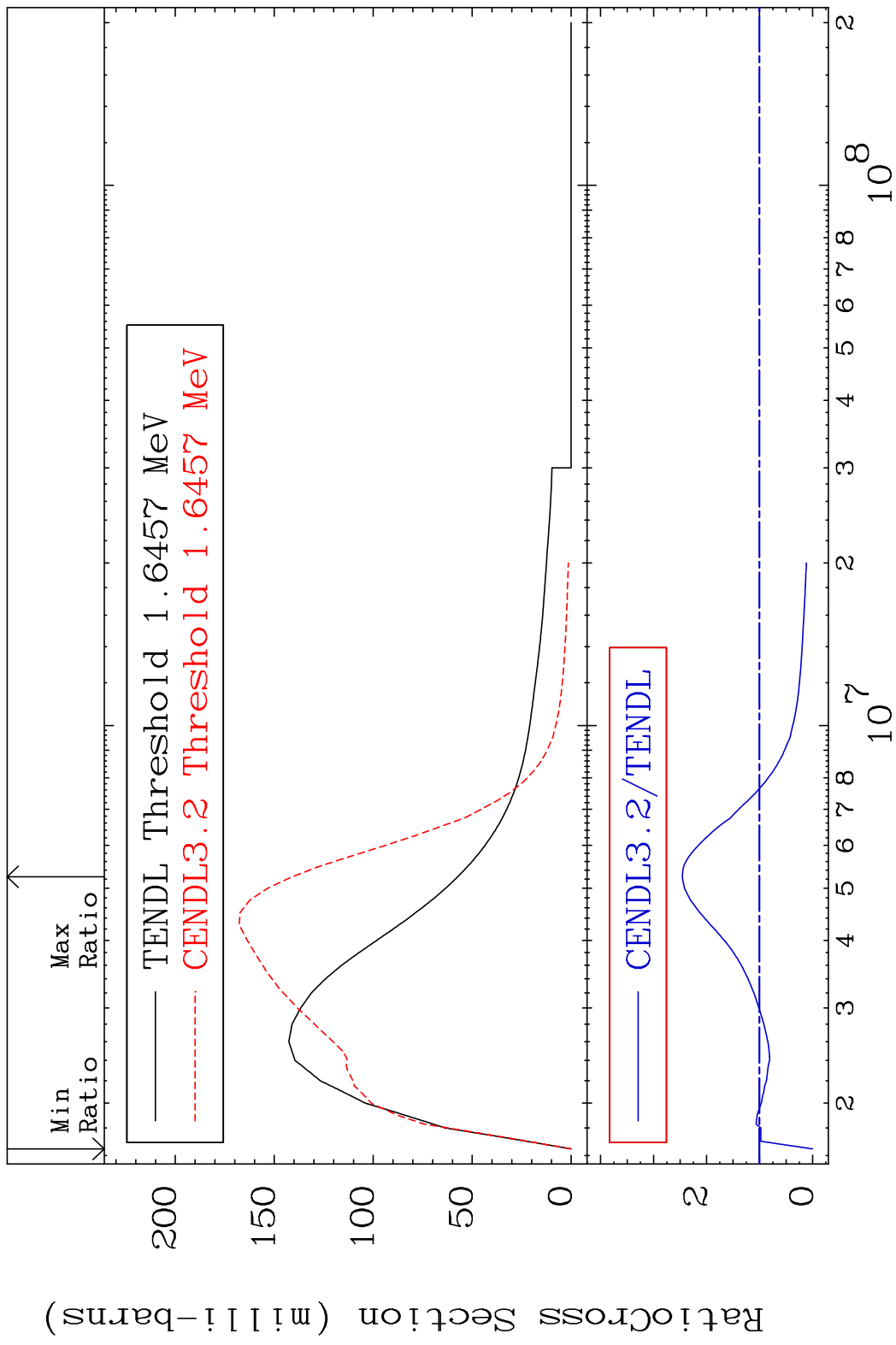


8 Incident Energy (eV) 52-Te-130

MAT 5255 MT= 52 (n,n') Level 52-Te-130
 Cross Section -100.0 To 1298. %

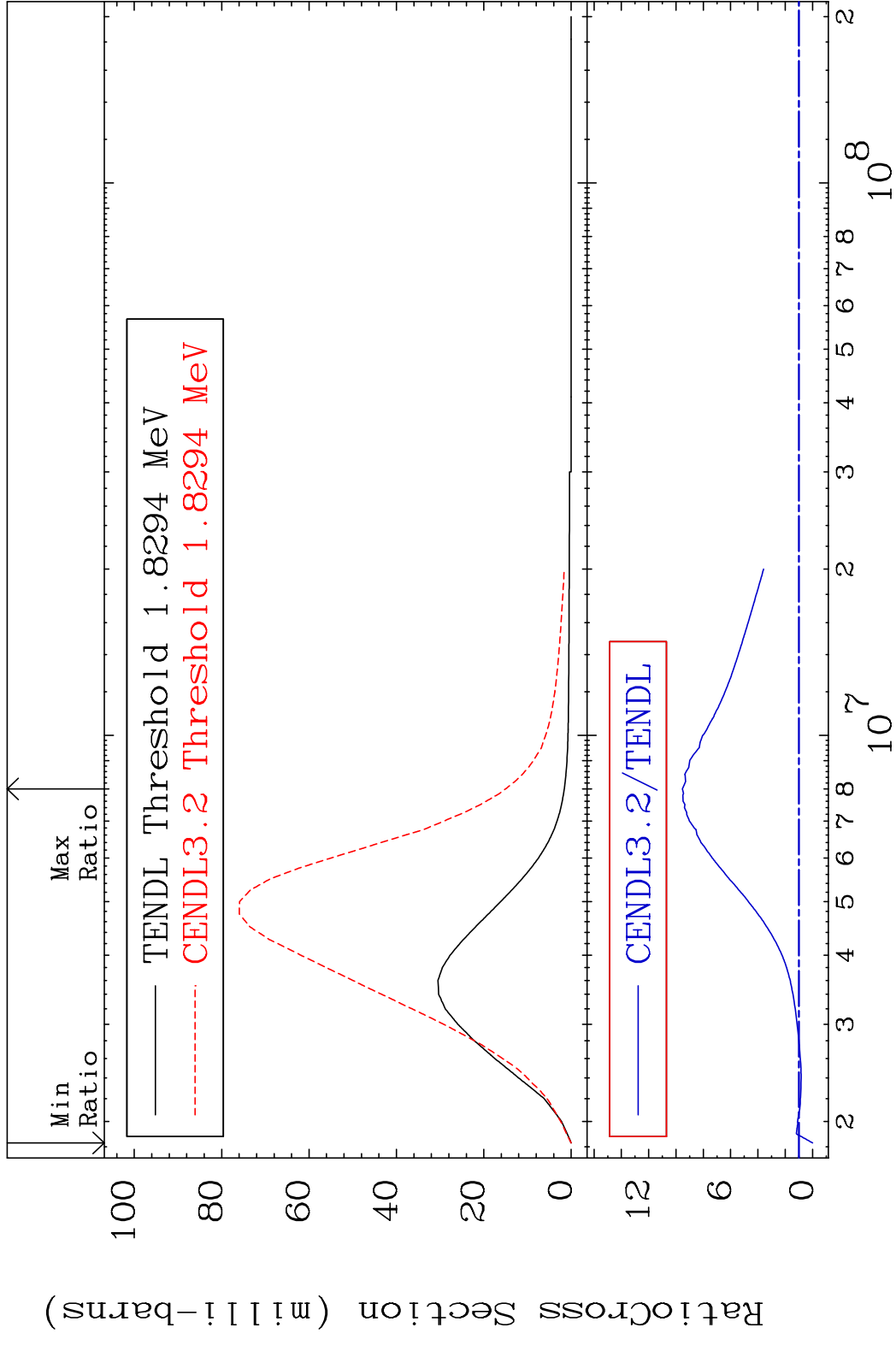


MAT 5255 MT= 53 (n, n') Level 52-Te-130
 Cross Section -100.0 To 145.7 %

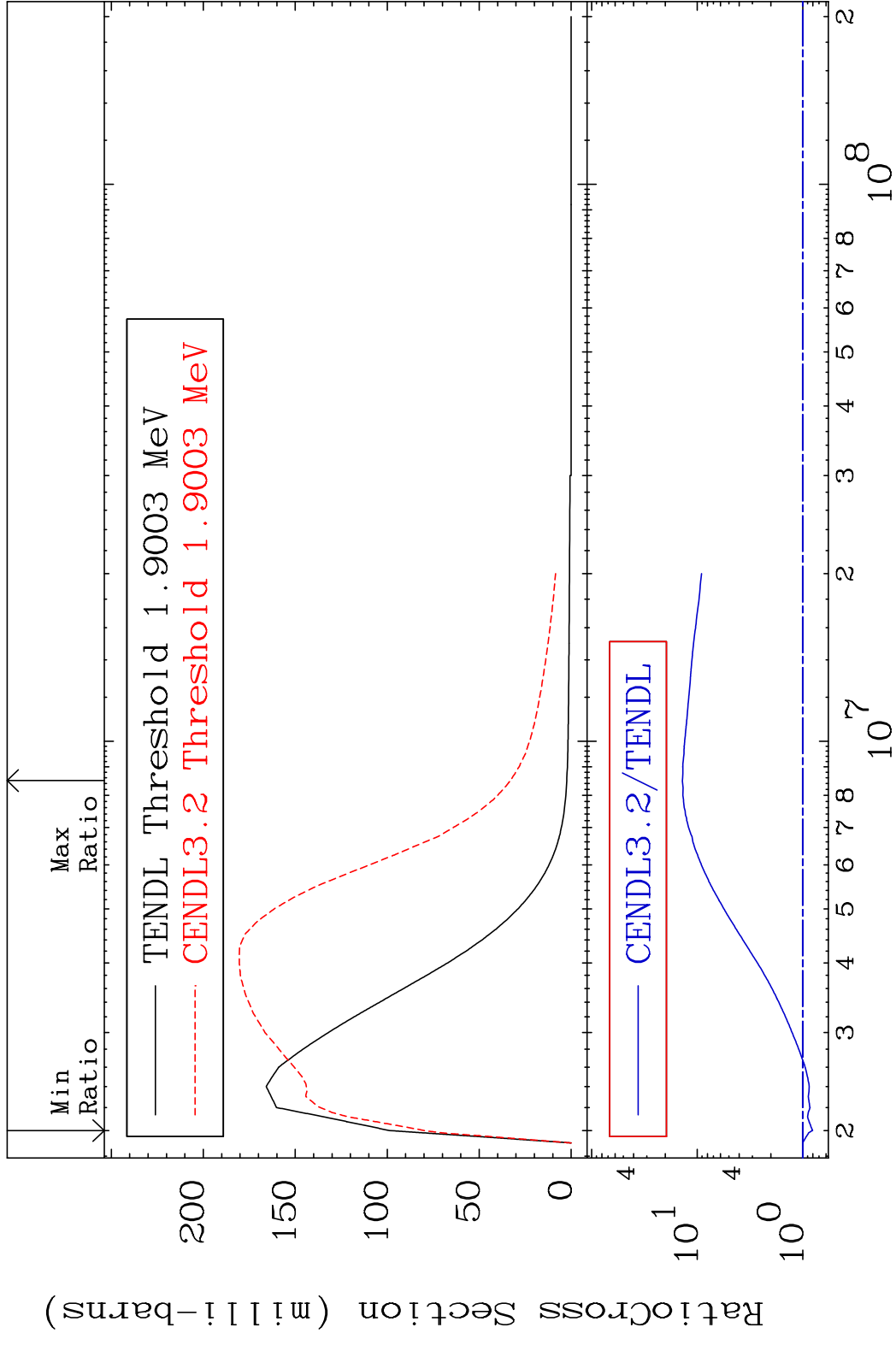


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 52-Te-130

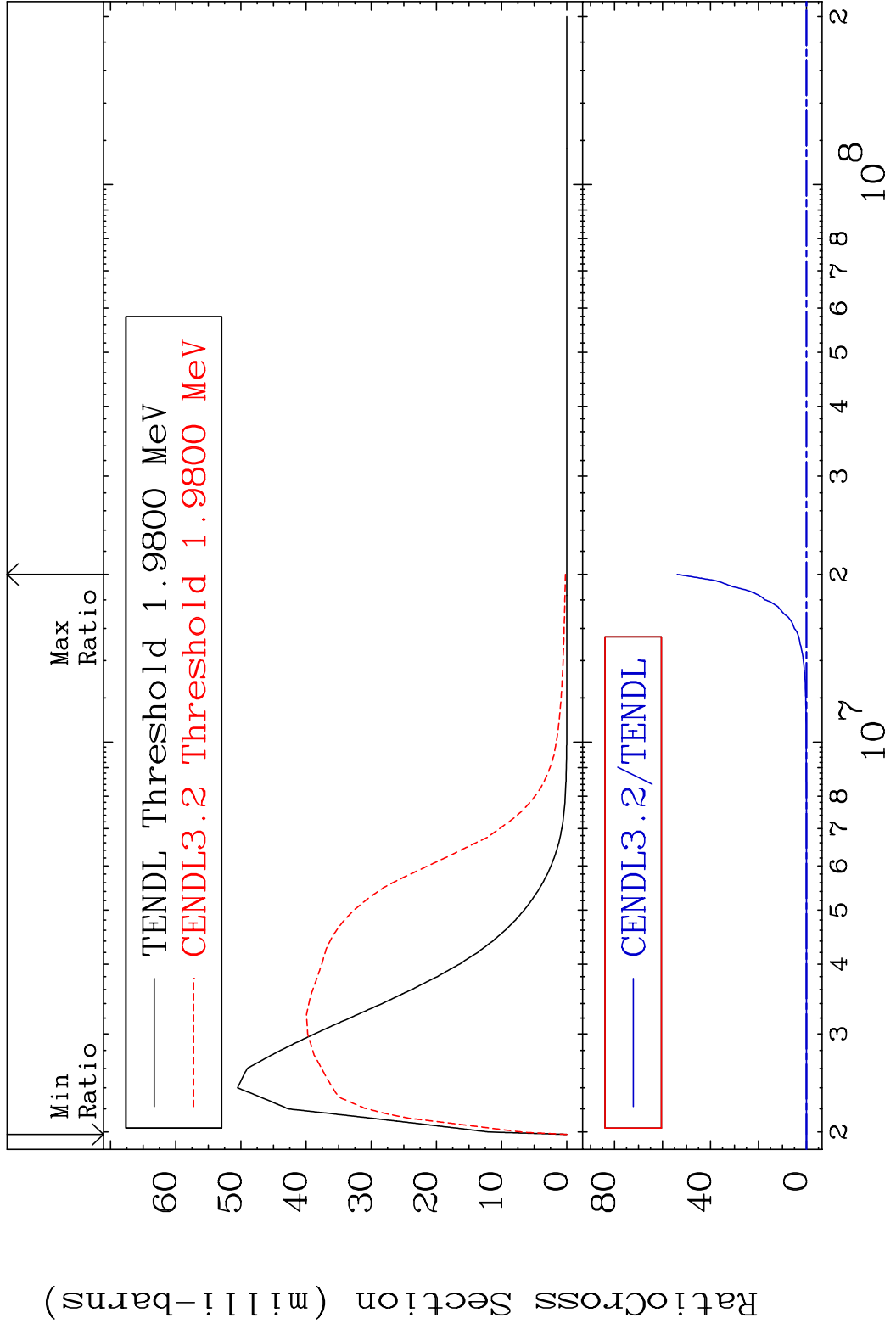
MAT 5255 MT= 54 (n, n') Level 52-Te-130
 Cross Section -100.0 To 853.4 %



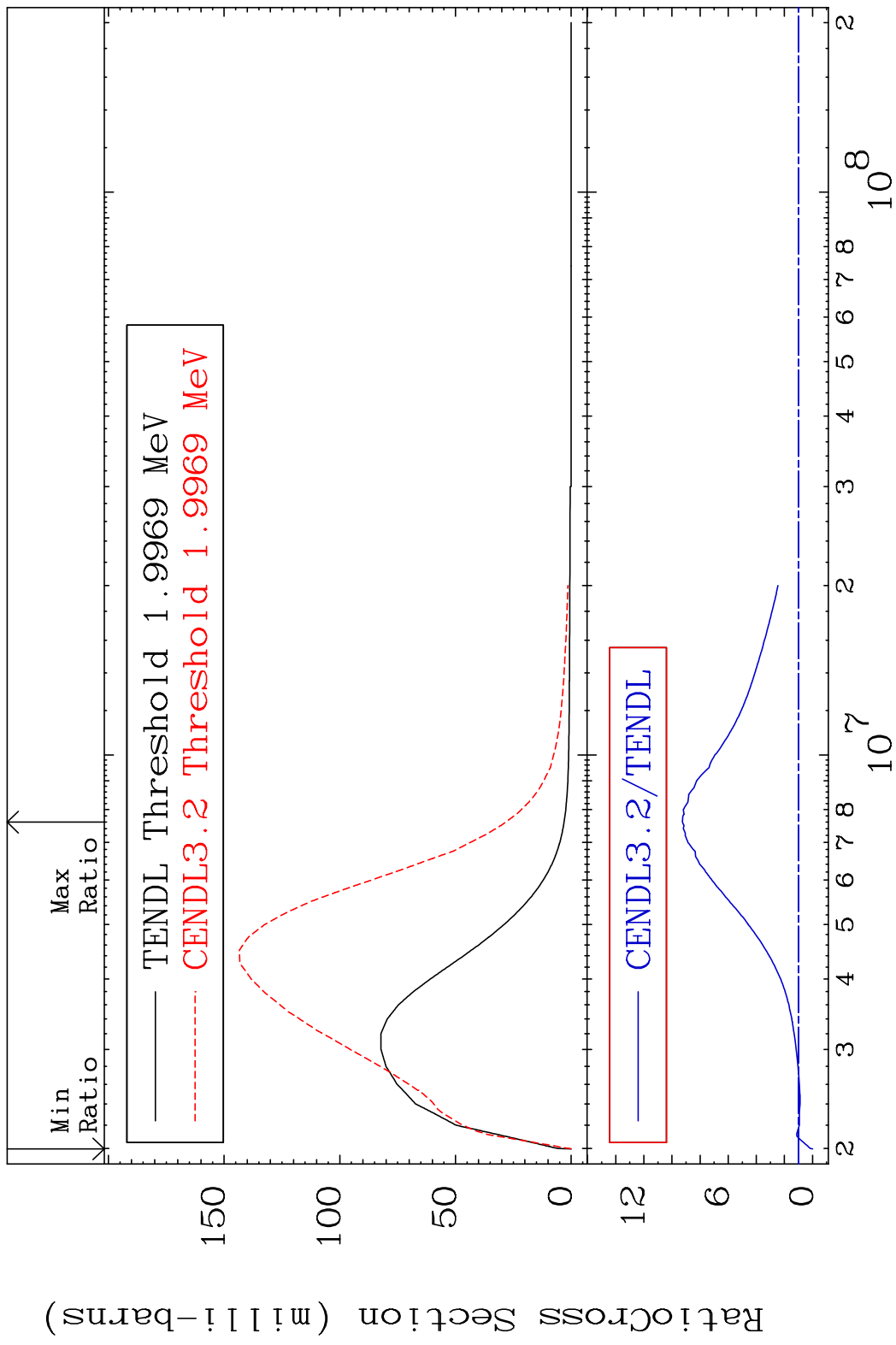
MAT 5255 MT= 55 (n, n') Level 52-Te-130
 Cross Section -19.37 To 1281. %



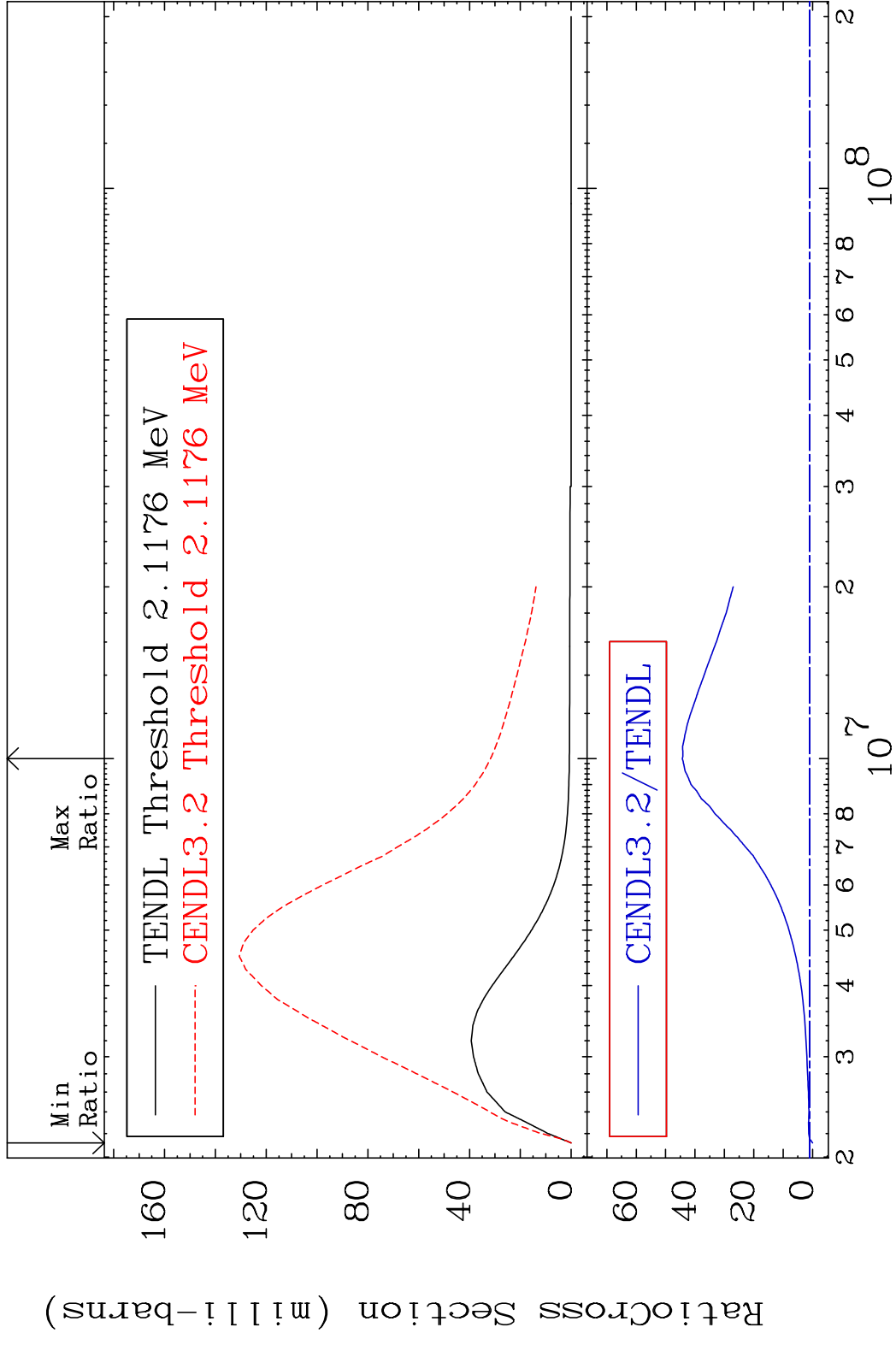
MAT 5255 MT= 56 (n, n') Level 52-Te-130
 Cross Section -100.0 To 9999. %



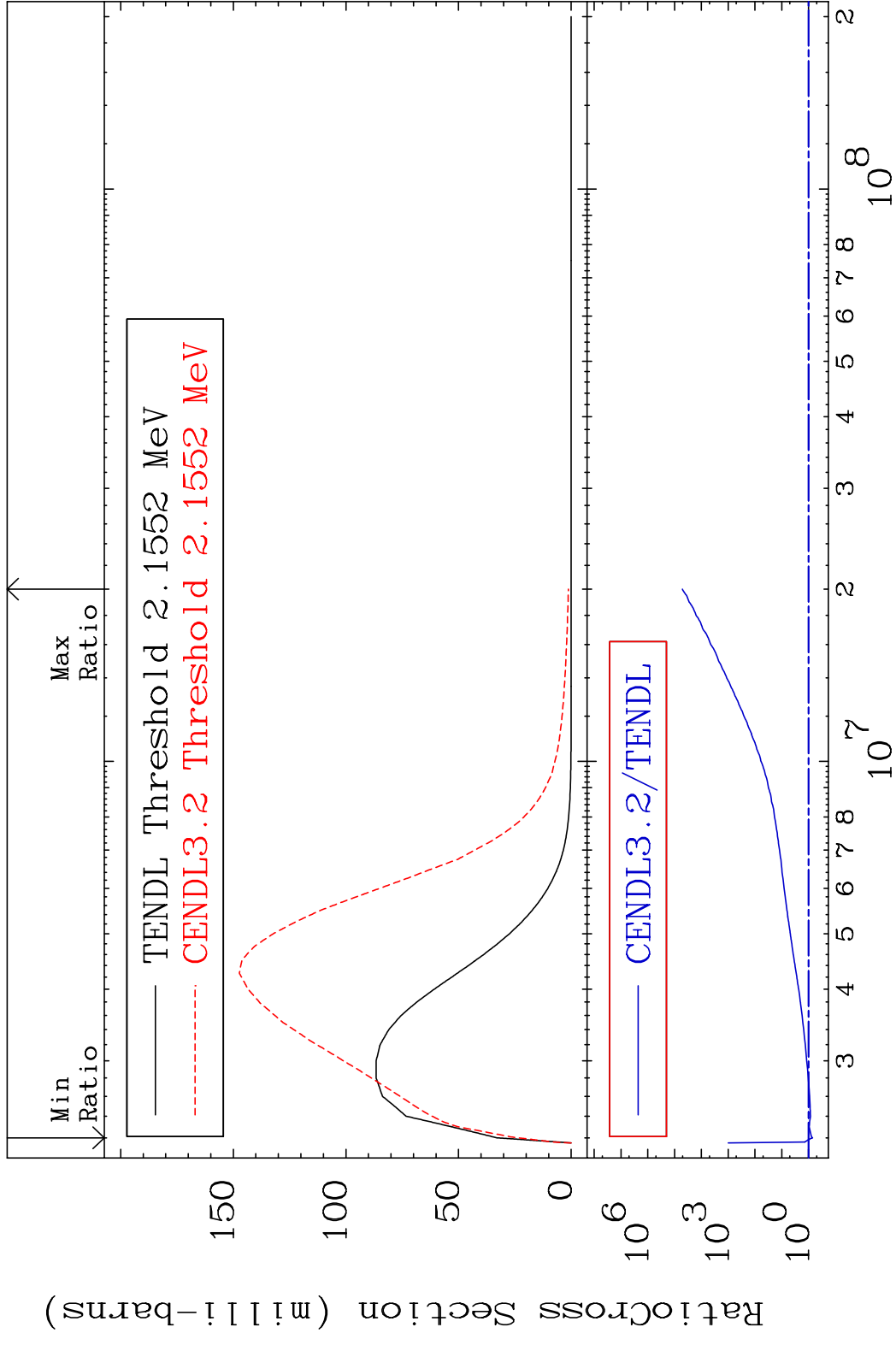
MAT 5255 MT= 57 (n,n') Level 52-Te-130
 Cross Section -100.0 To 826.0 %



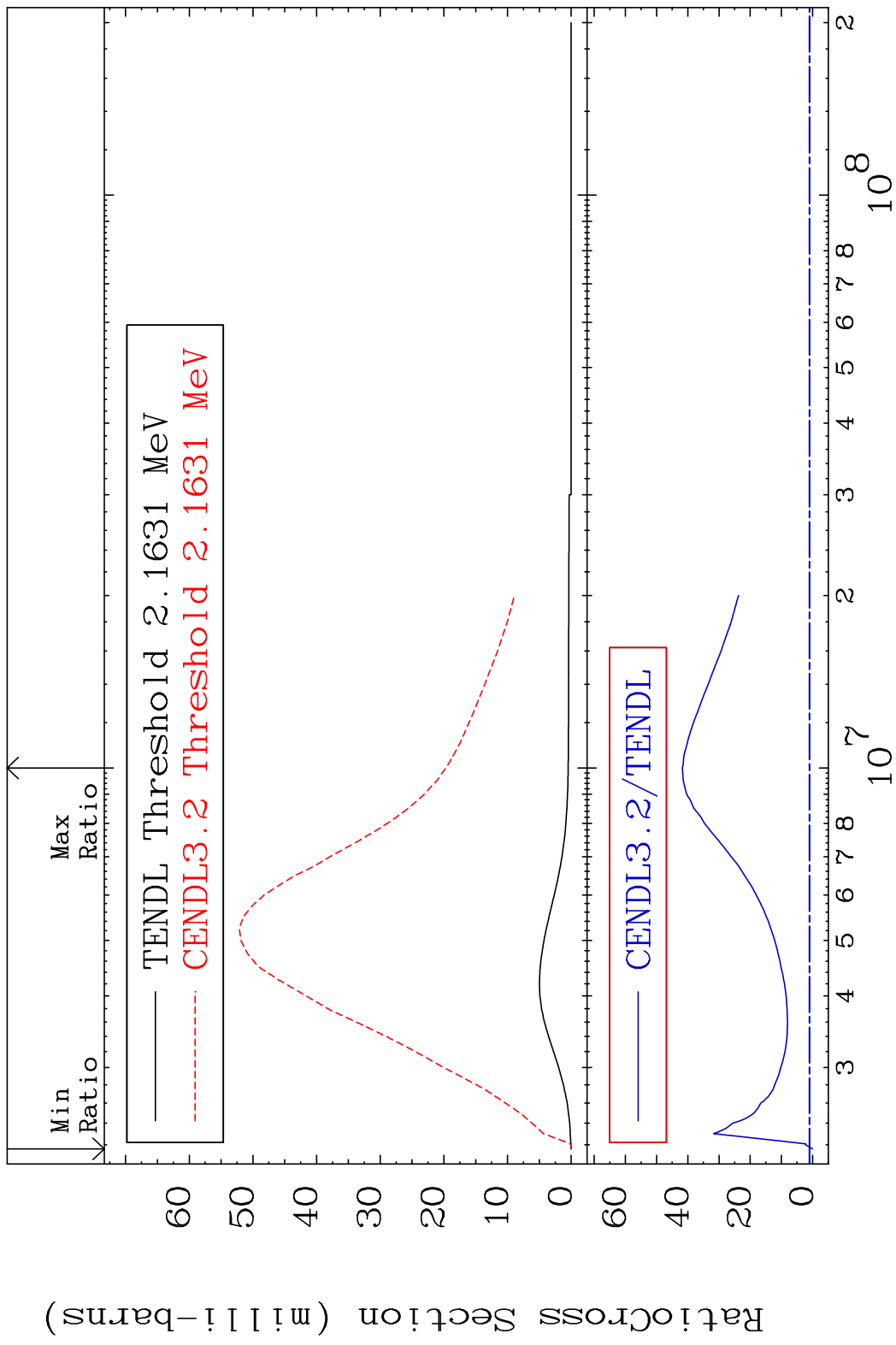
MAT 5255 MT= 58 (n, n') Level 52-Te-130
 Cross Section -100.0 To 4330. %



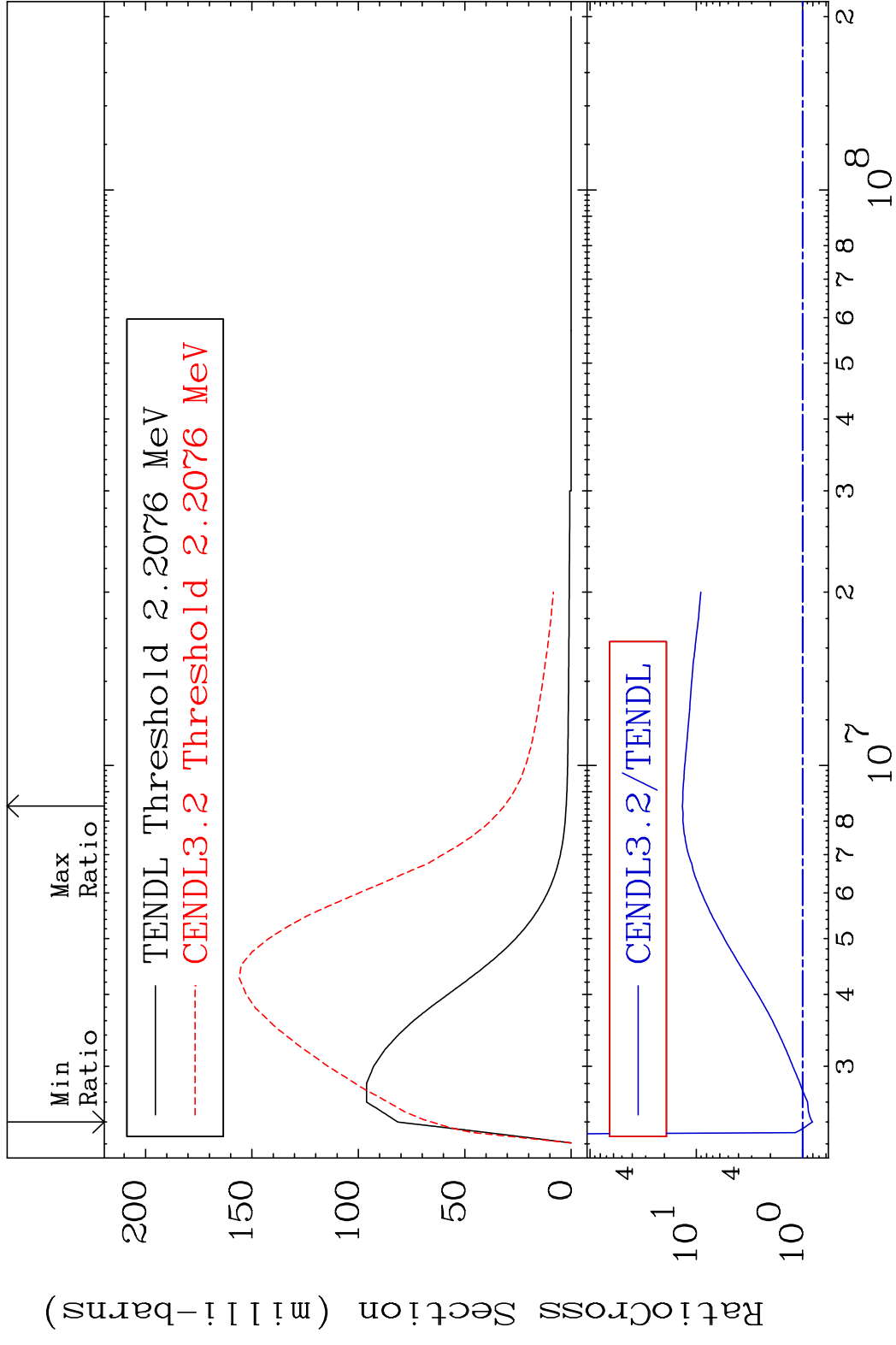
MAT 5255 MT= 59 (n, n') Level 52-Te-130
 Cross Section -28.82 To 9999. %



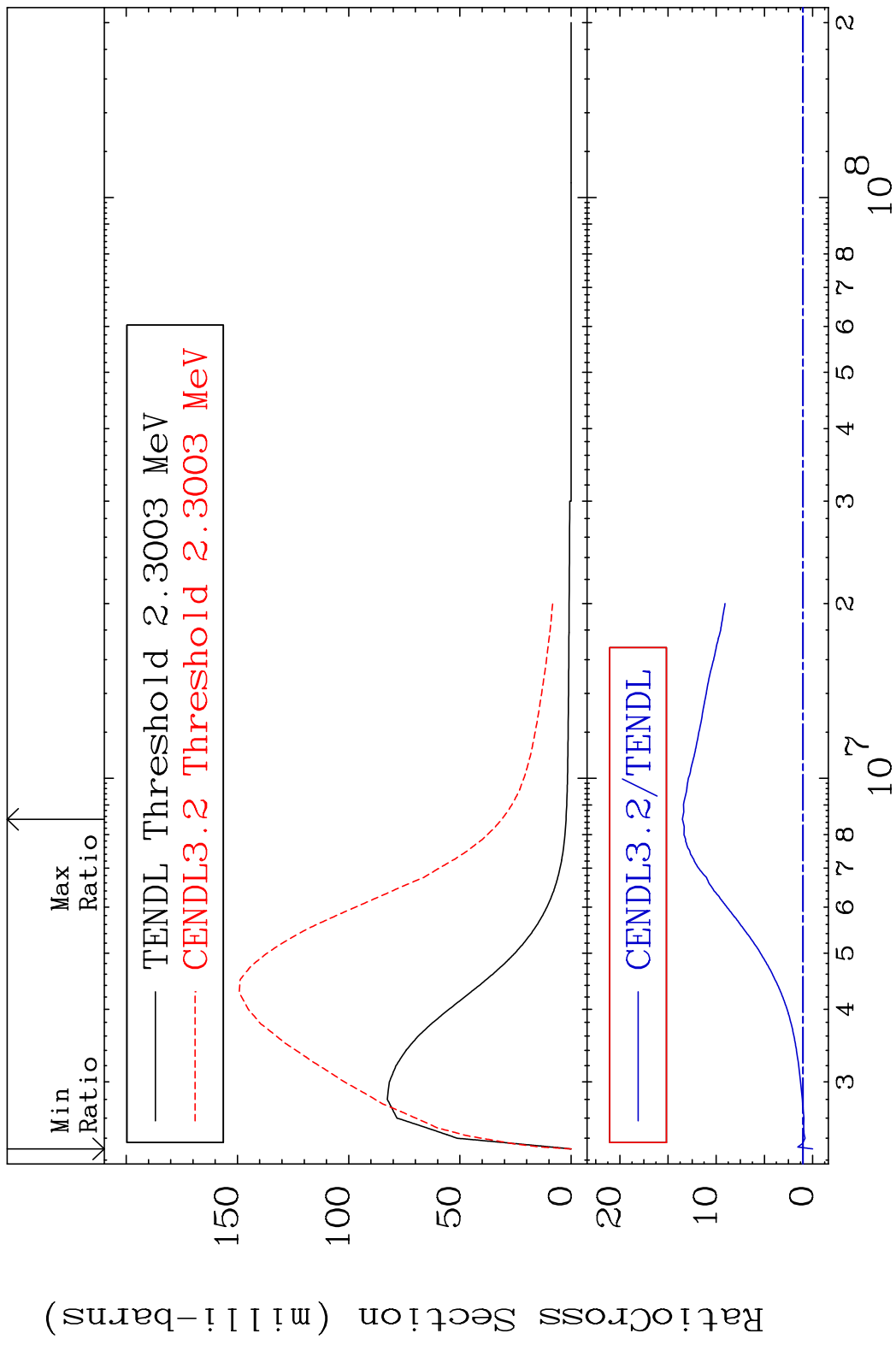
MAT 5255 MT= 60 (n, n') Level 52-Te-130
 Cross Section -100.0 To 4075. %



MAT 5255 MT= 61 (n,n') Level 52-Te-130
 Cross Section -19.57 To 1252. %

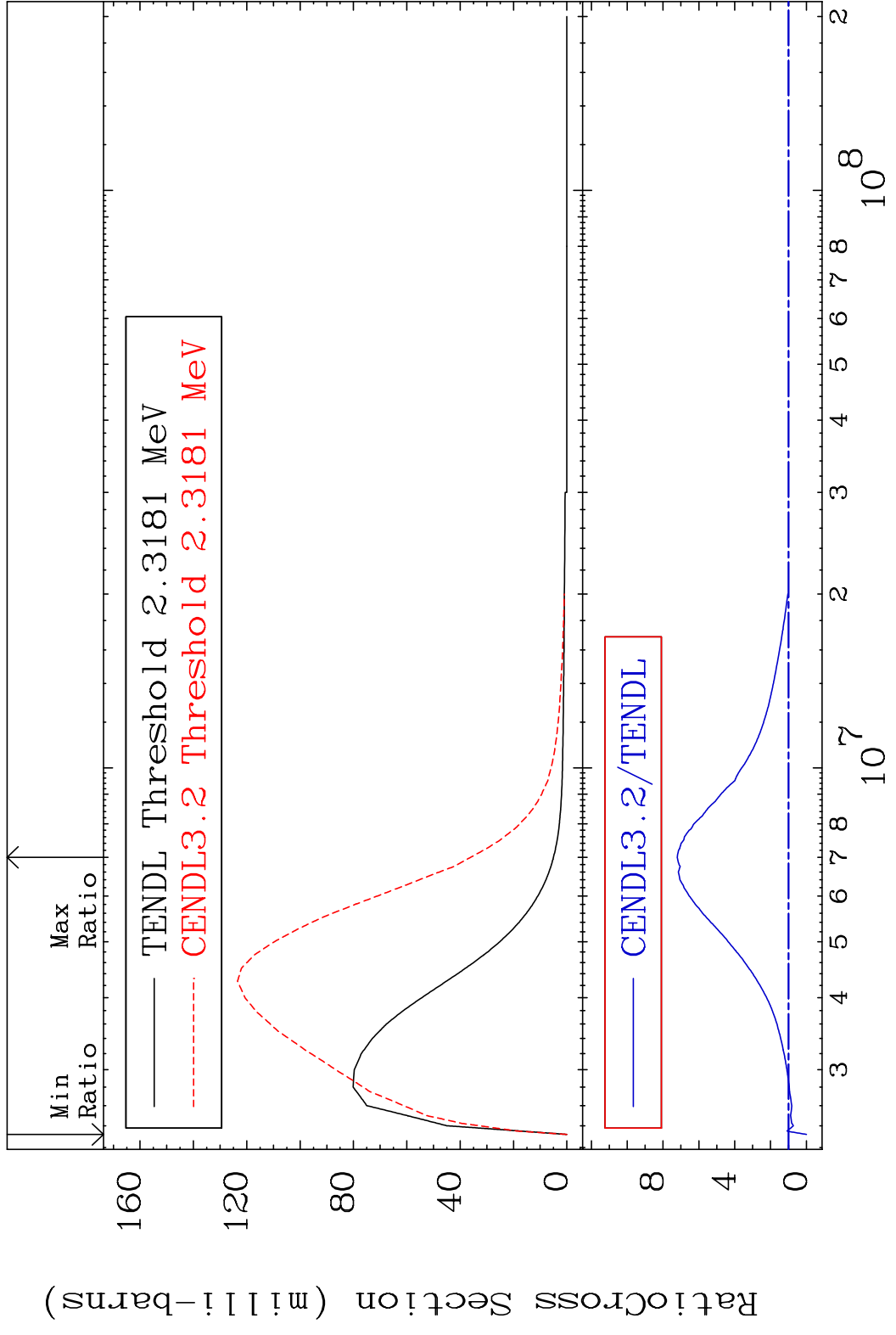


MAT 5255 MT= 62 (n,n') Level 52-Te-130
 Cross Section -100.0 To 1251. %



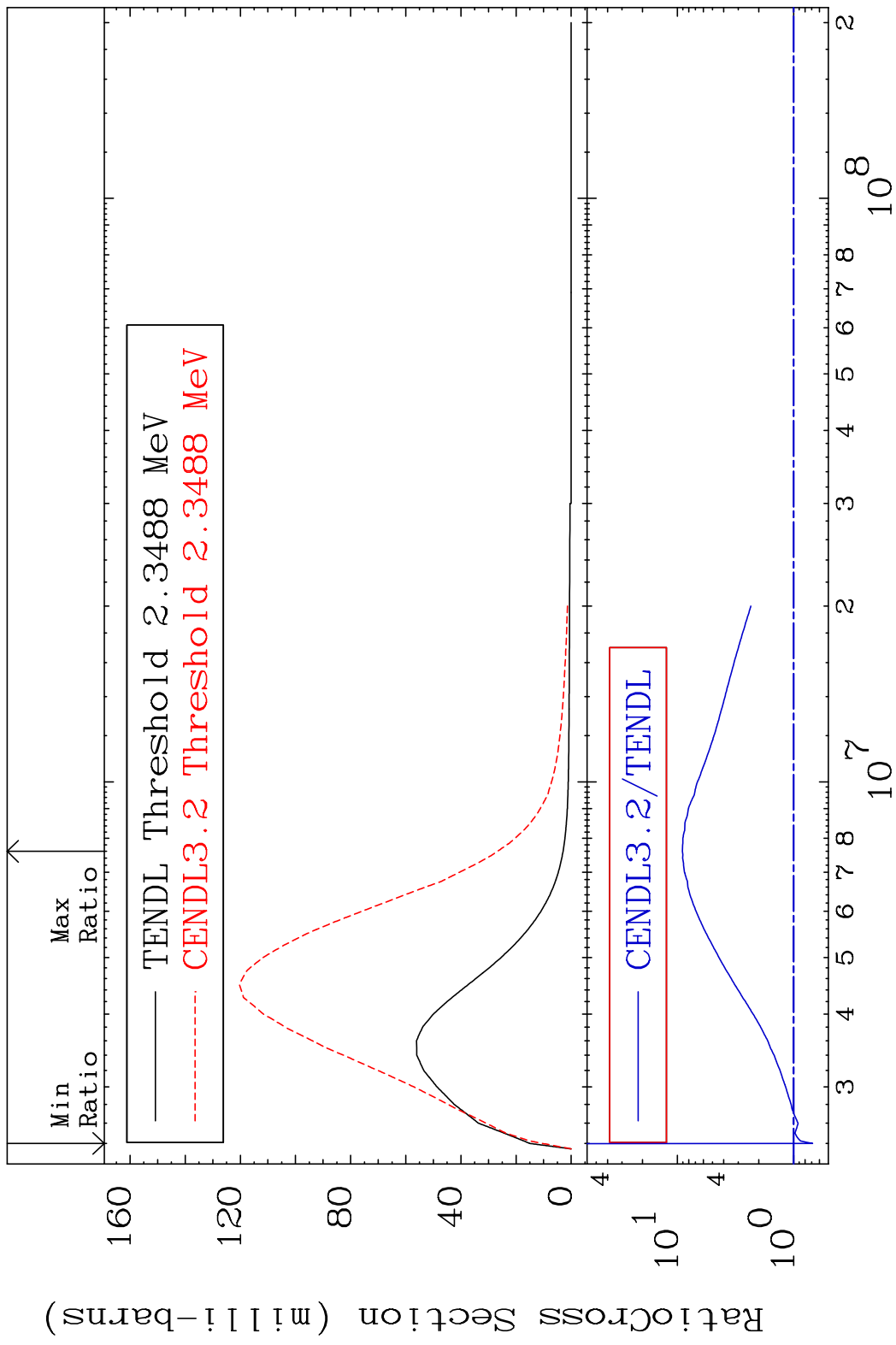
19 Incident Energy (eV) 52-Te-130

MAT 5255 MT= 63 (n,n') Level 52-Te-130
 Cross Section -100.0 To 621.0 %

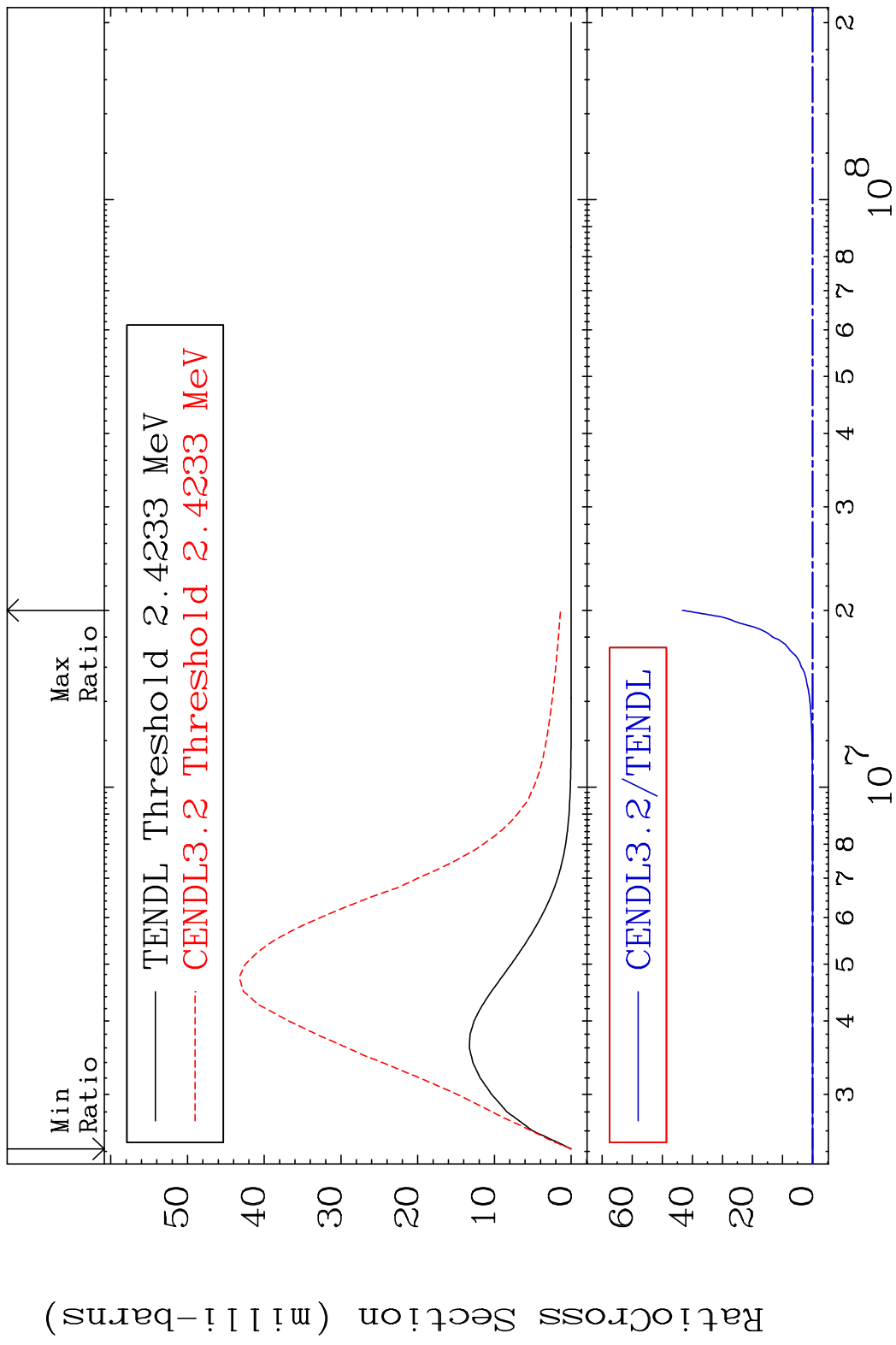


20 Incident Energy (eV) 52-Te-130

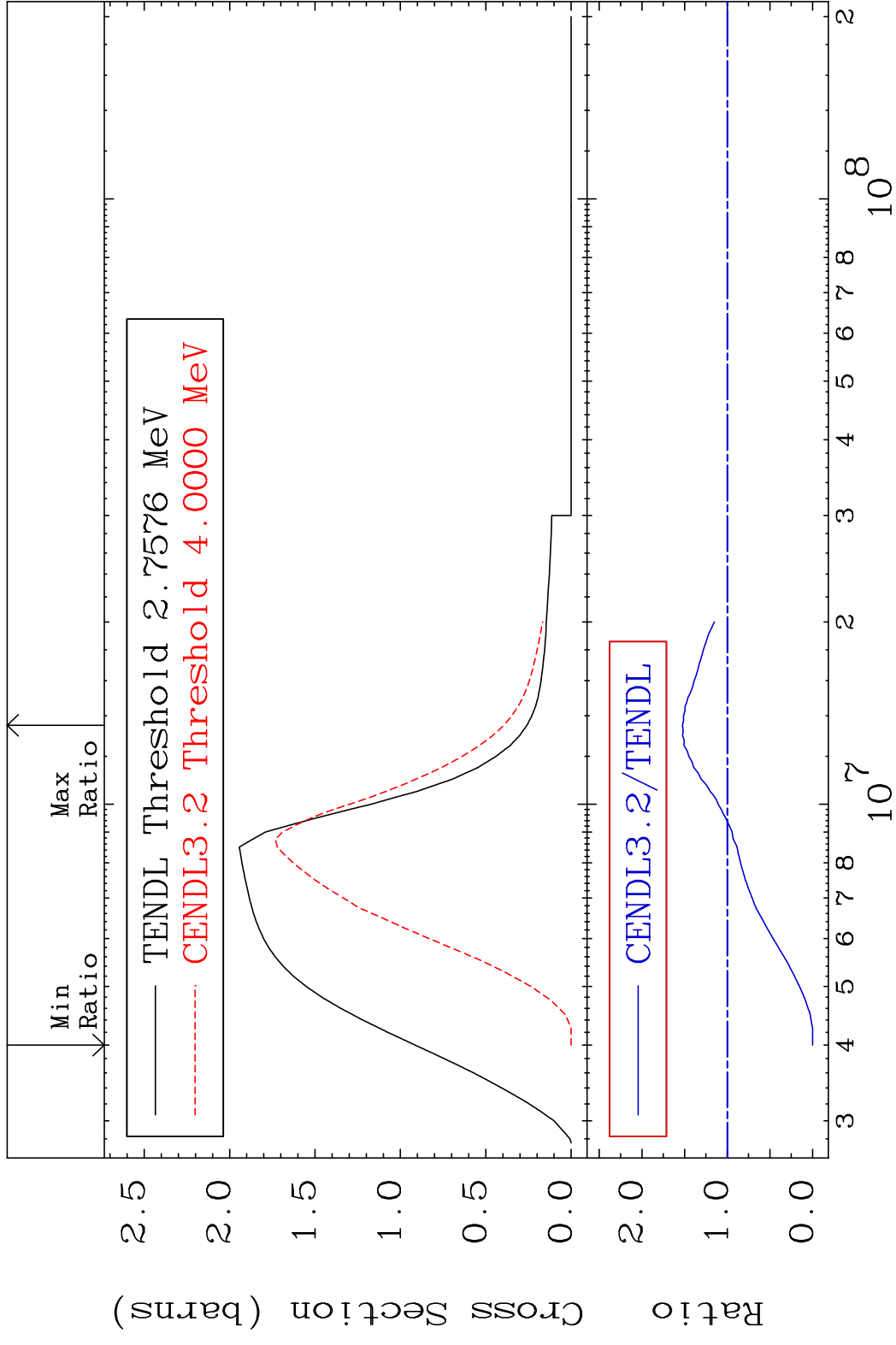
MAT 5255 MT= 64 (n,n') Level 52-Te-130
 Cross Section -31.13 To 807.8 %



MAT 5255 MT= 65 (n, n') Level 52-Te-130
 Cross Section -100.0 To 9999. %



MAT 5255 (n, n') Continuum 52-Te-130
 Cross Section -100.0 To 52.61 %

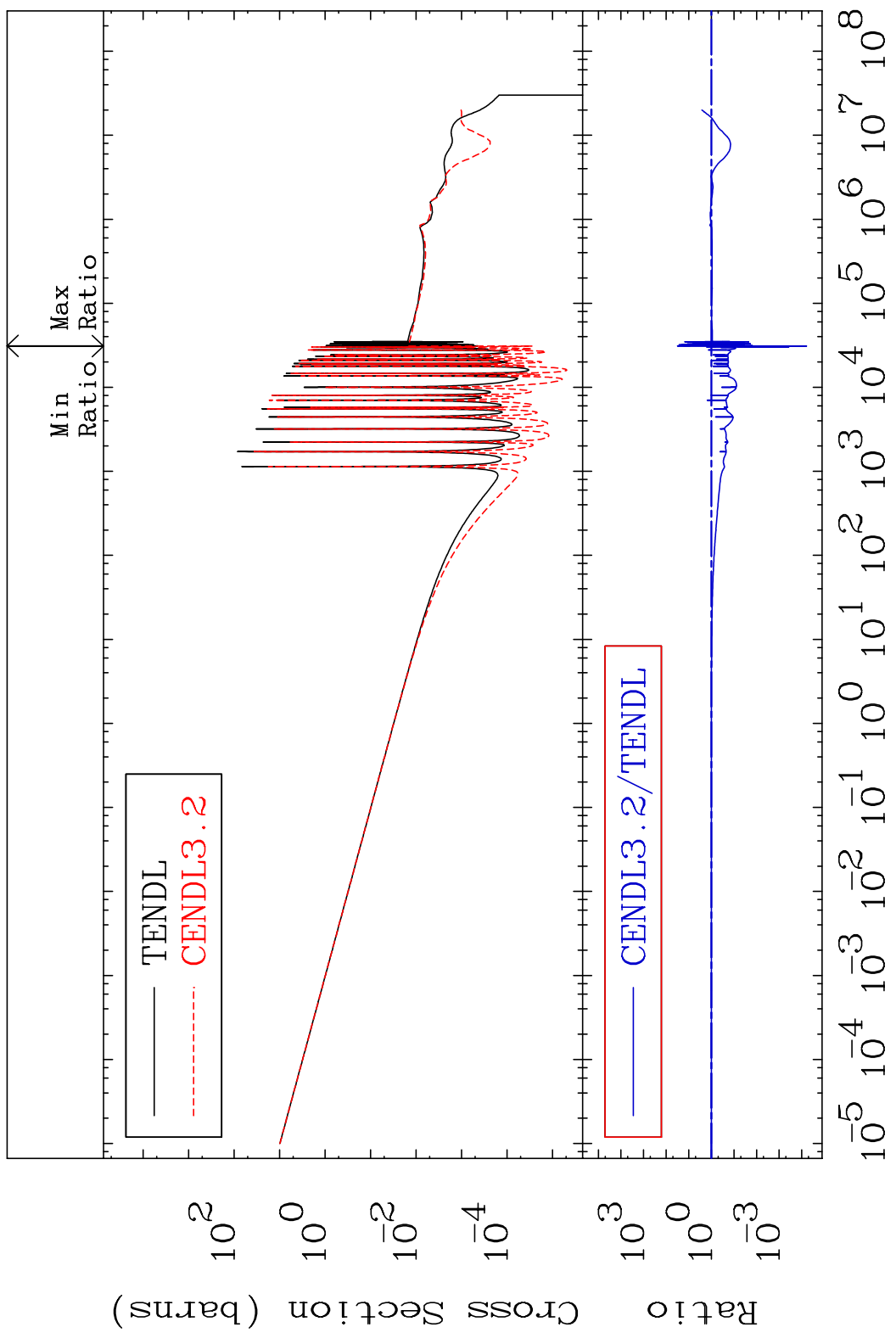


MAT 5255

(n, γ)

52-Te-130

Cross Section -99.99 To 3152. %

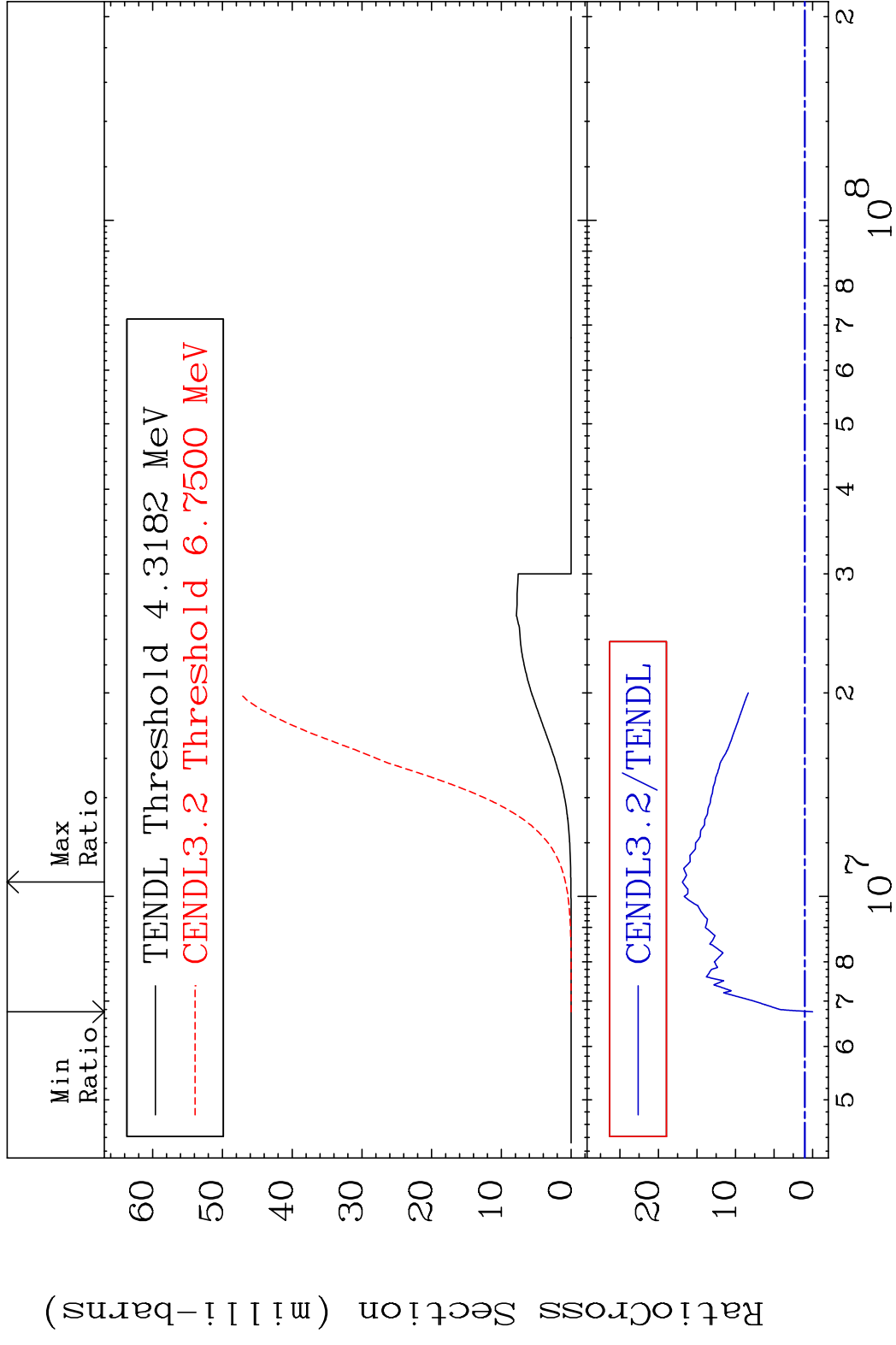


24

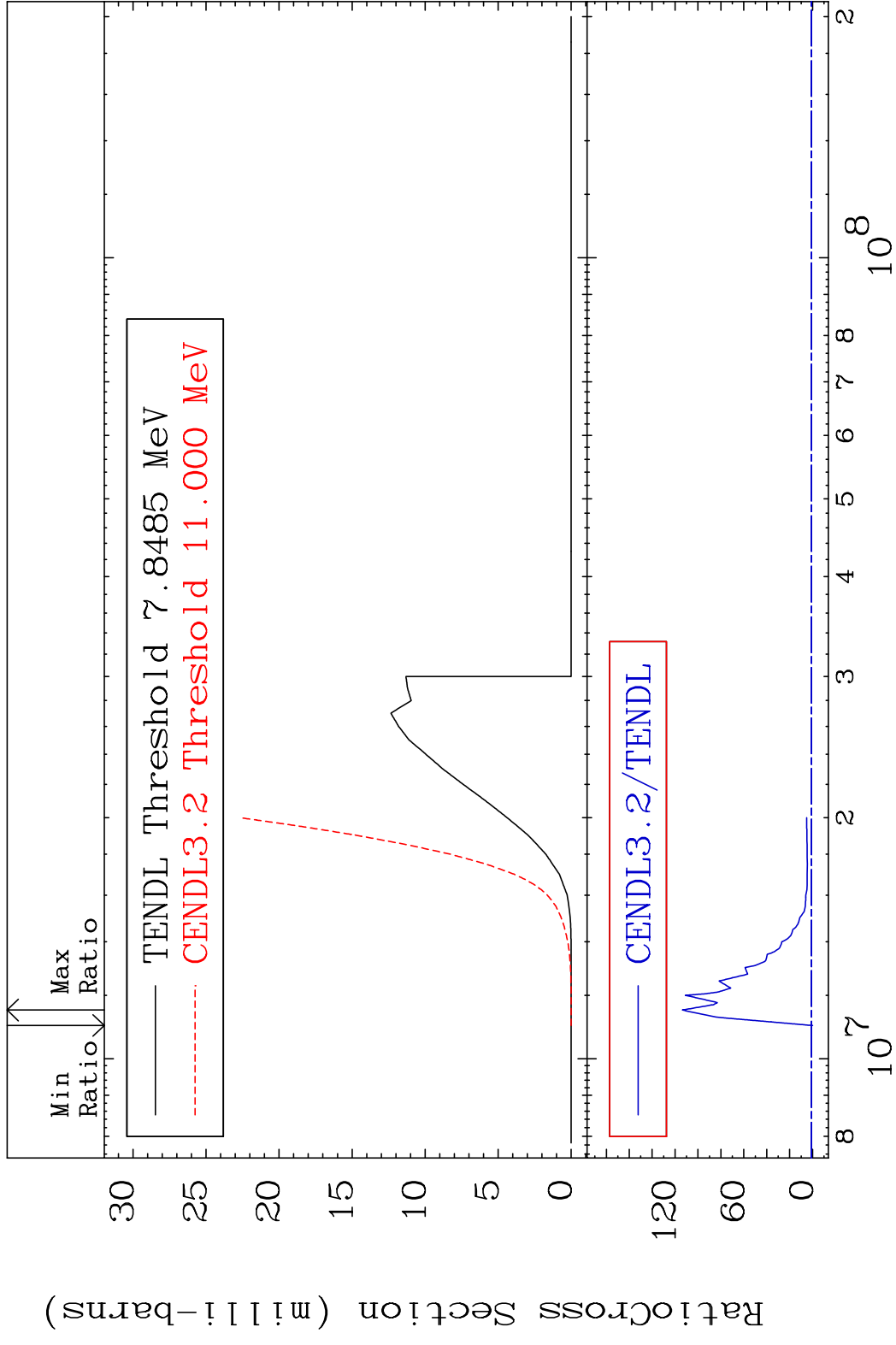
Incident Energy (eV)

52-Te-130

MAT 5255 (n,p) 52-Te-130
 Cross Section -100.0 To 1589. %



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

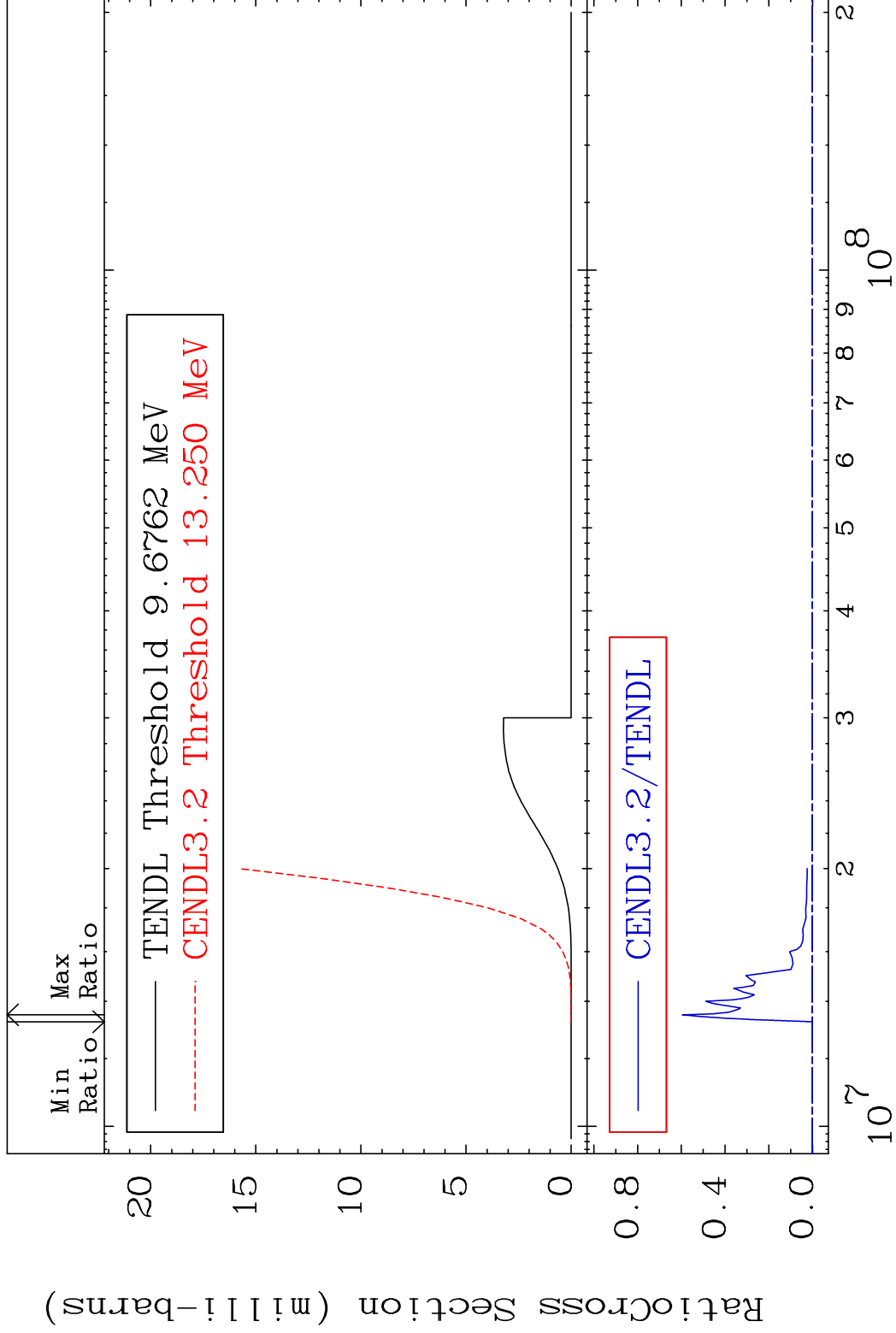


MAT 5255

(n, t)

52-Te-130

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

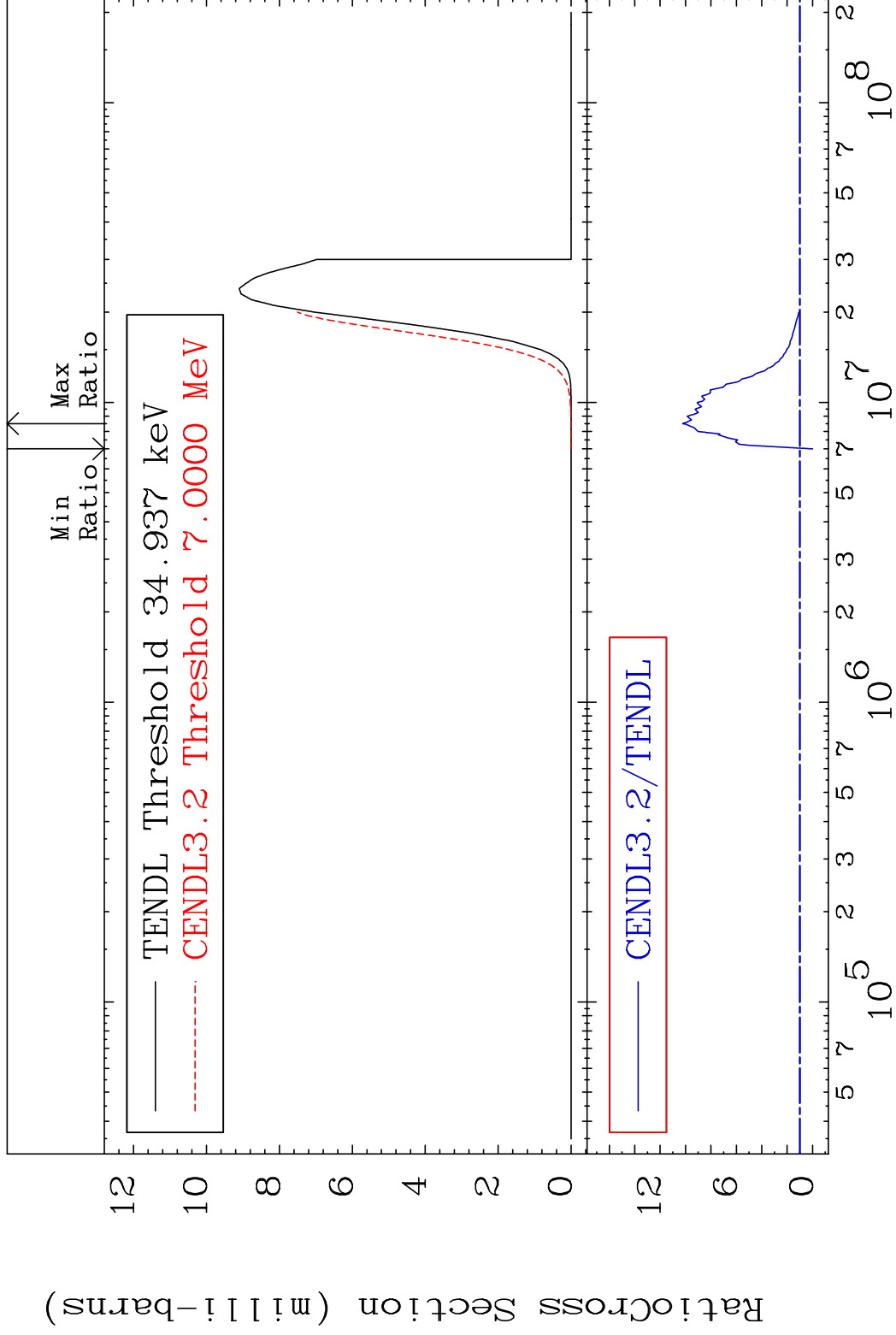
52-Te-130

MAT 5255

(n, α)

52-Te-130

Cross Section -100.0 To 925.0 %

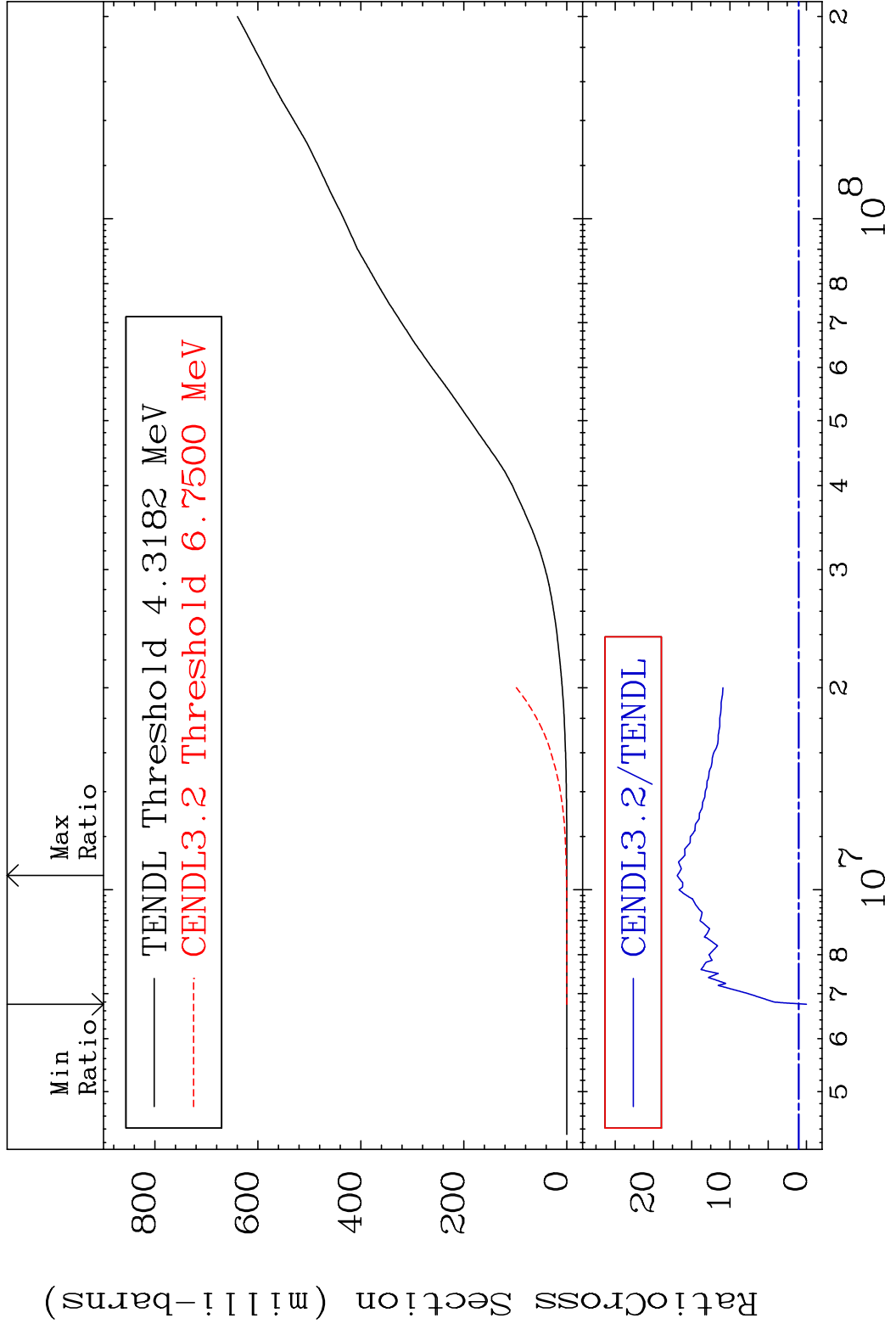


28

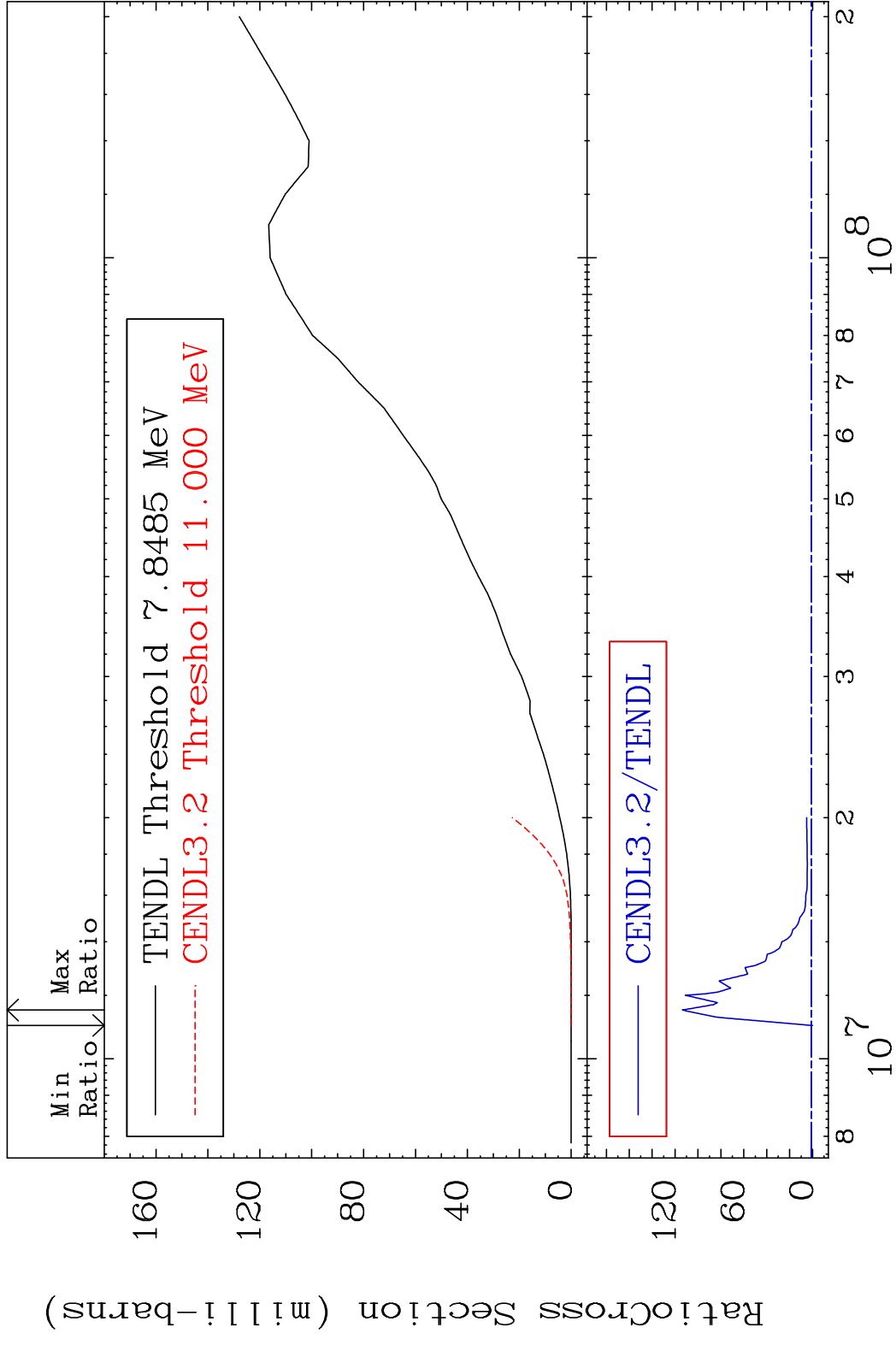
Incident Energy (eV)

52-Te-130

MAT 5255 Hydrogen Production 52-Te-130
 Cross Section -100.0 To 1589. %

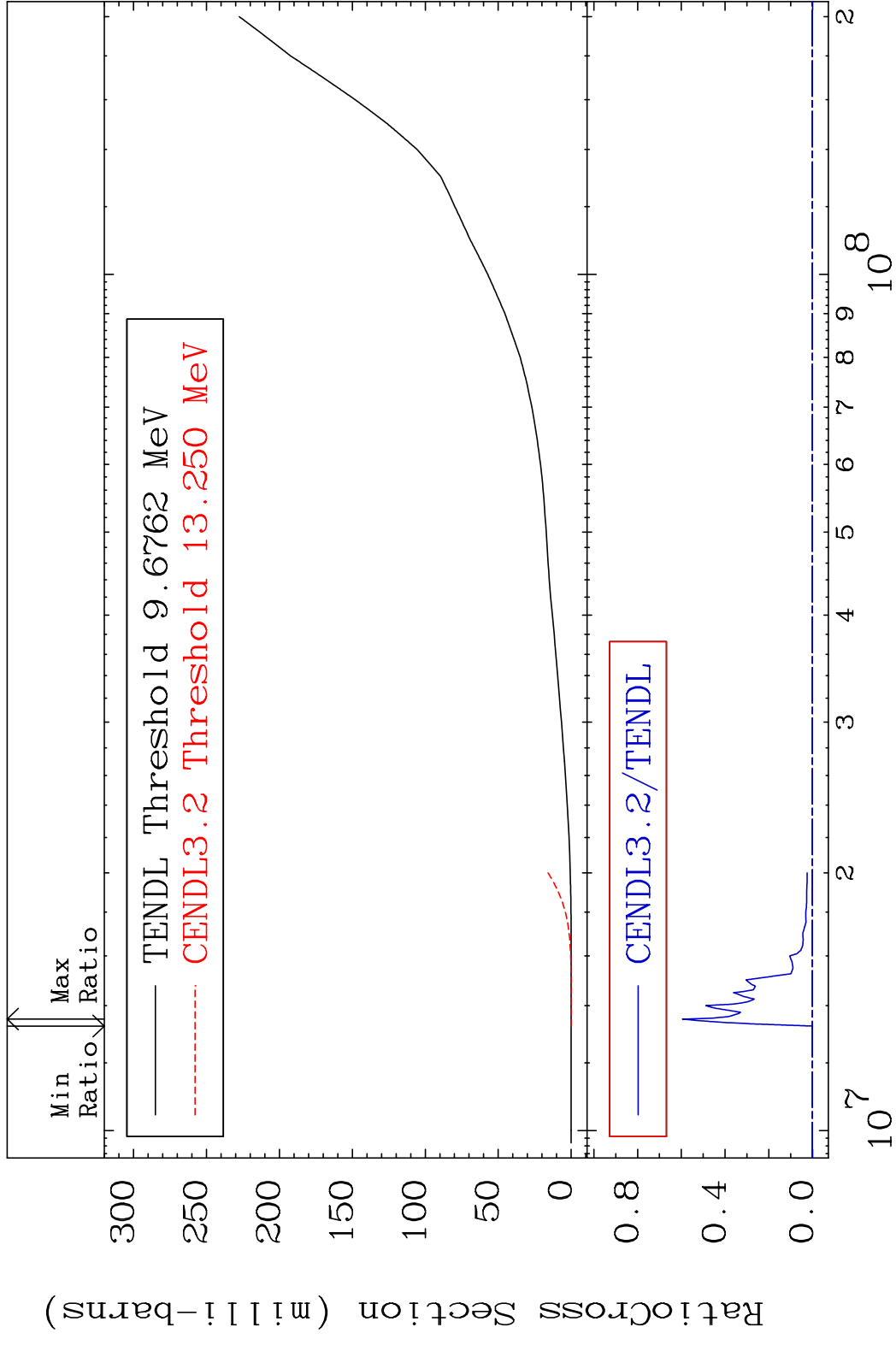


MAT 5255 Deuterium Production 52-Te-130
 Cross Section -100.0 To 9999. %



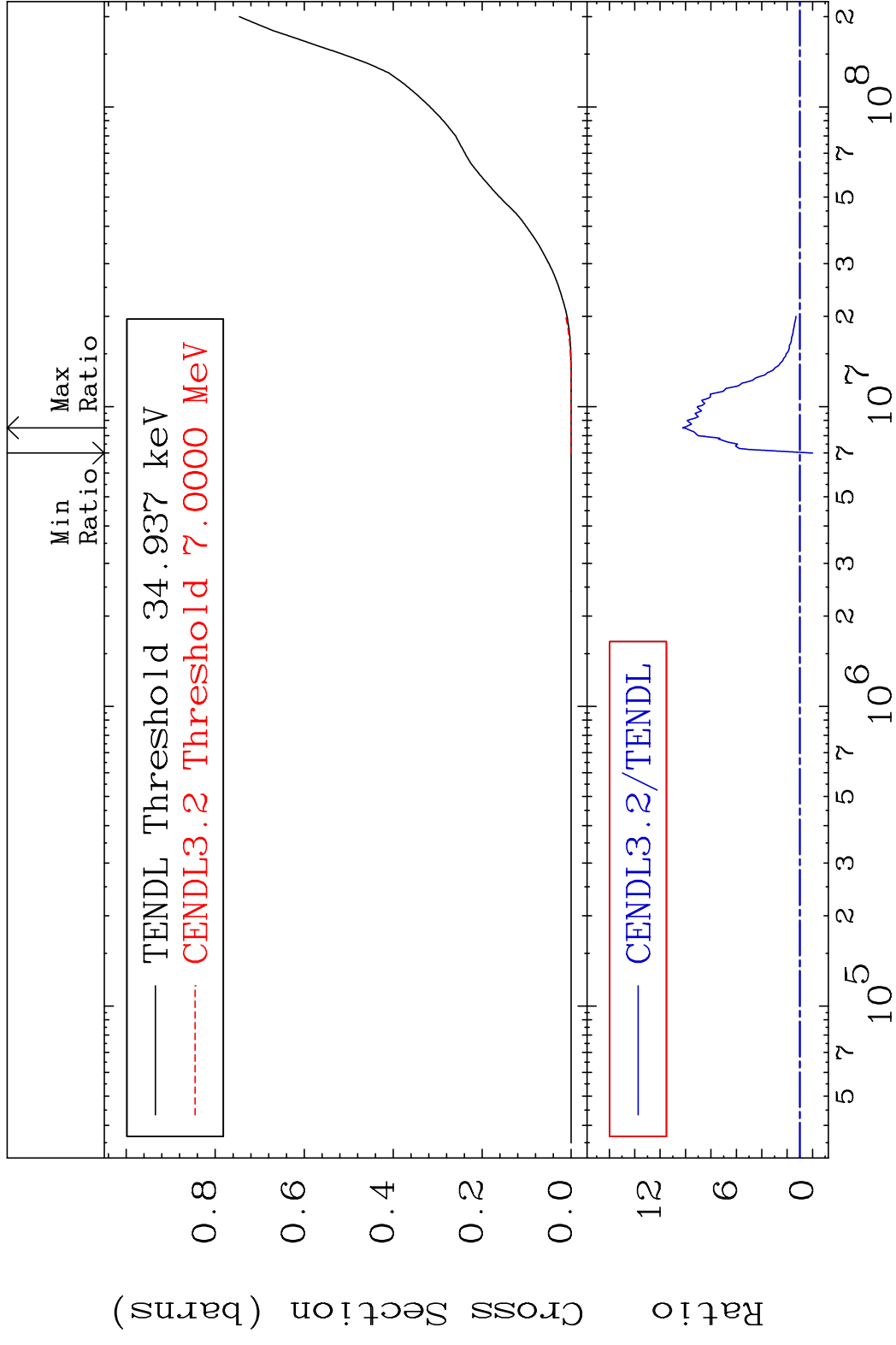
30 Incident Energy (eV) 52-Te-130

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

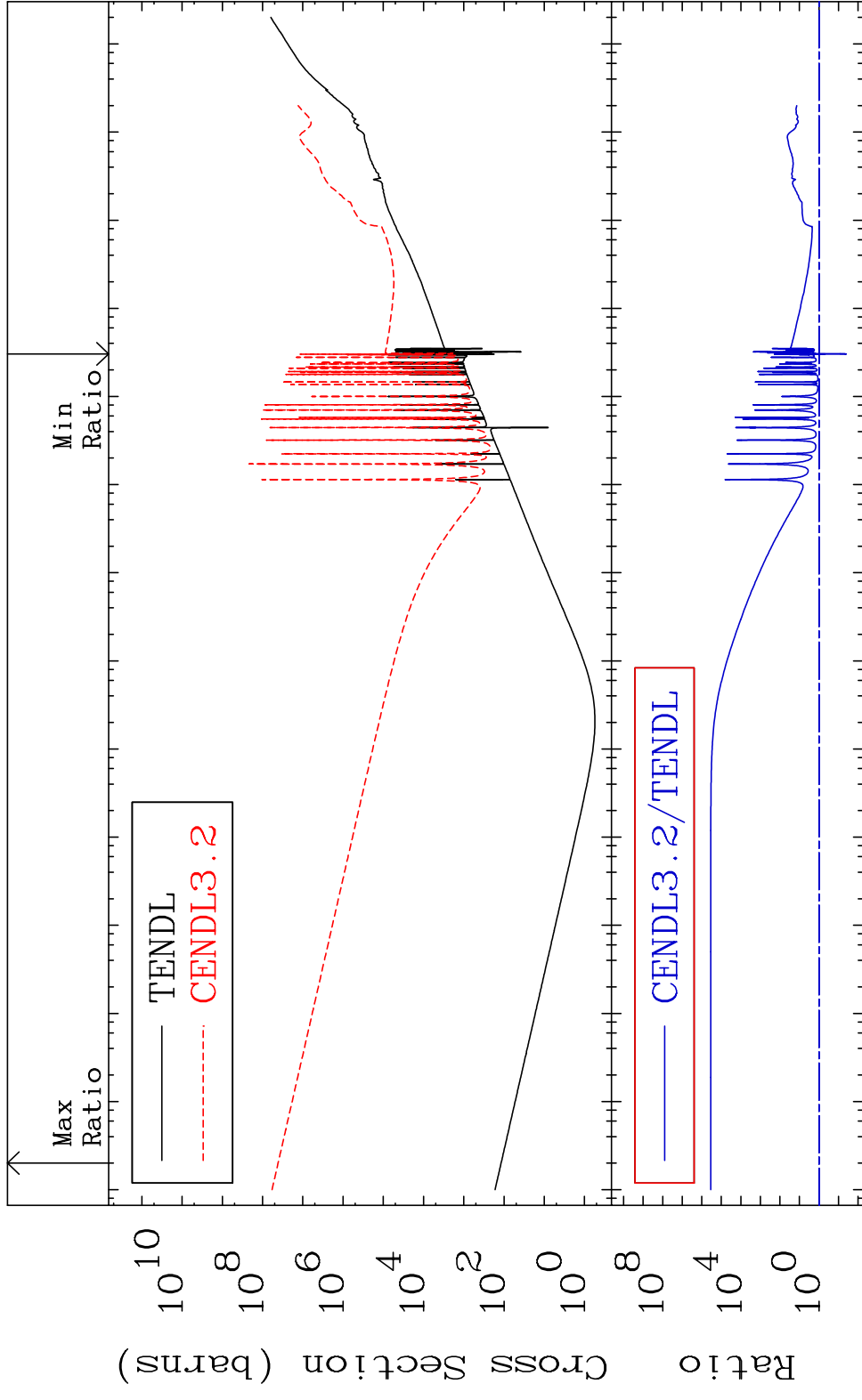


31 Incident Energy (eV) 52-Te-130

MAT 5255 He-4 Production 52-Te-130
 Cross Section -100.0 To 925.0 %

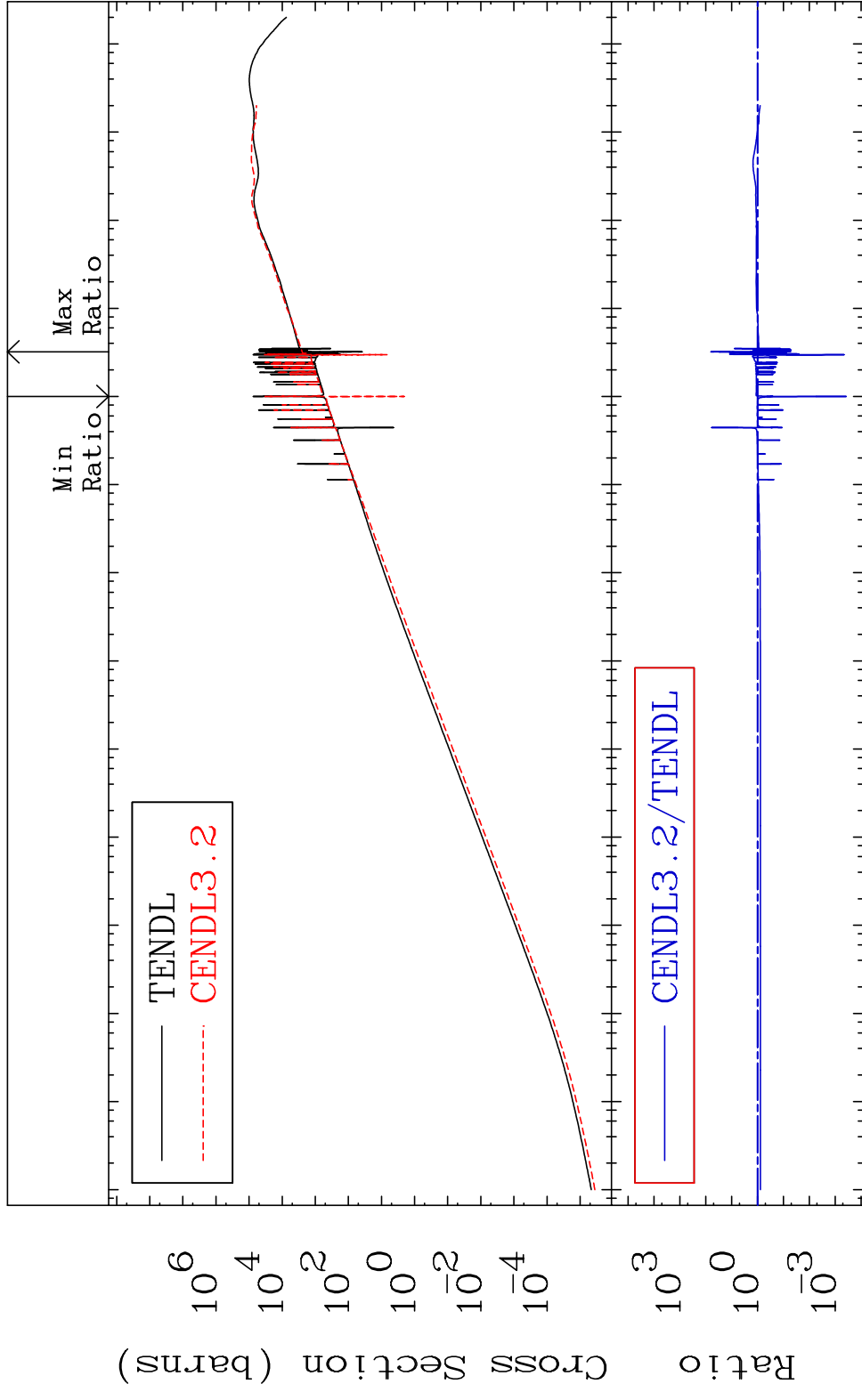


MAT 5255 Kerma total (eV-barns) 52-Te-130
 Cross Section -96.01 To 9999. %

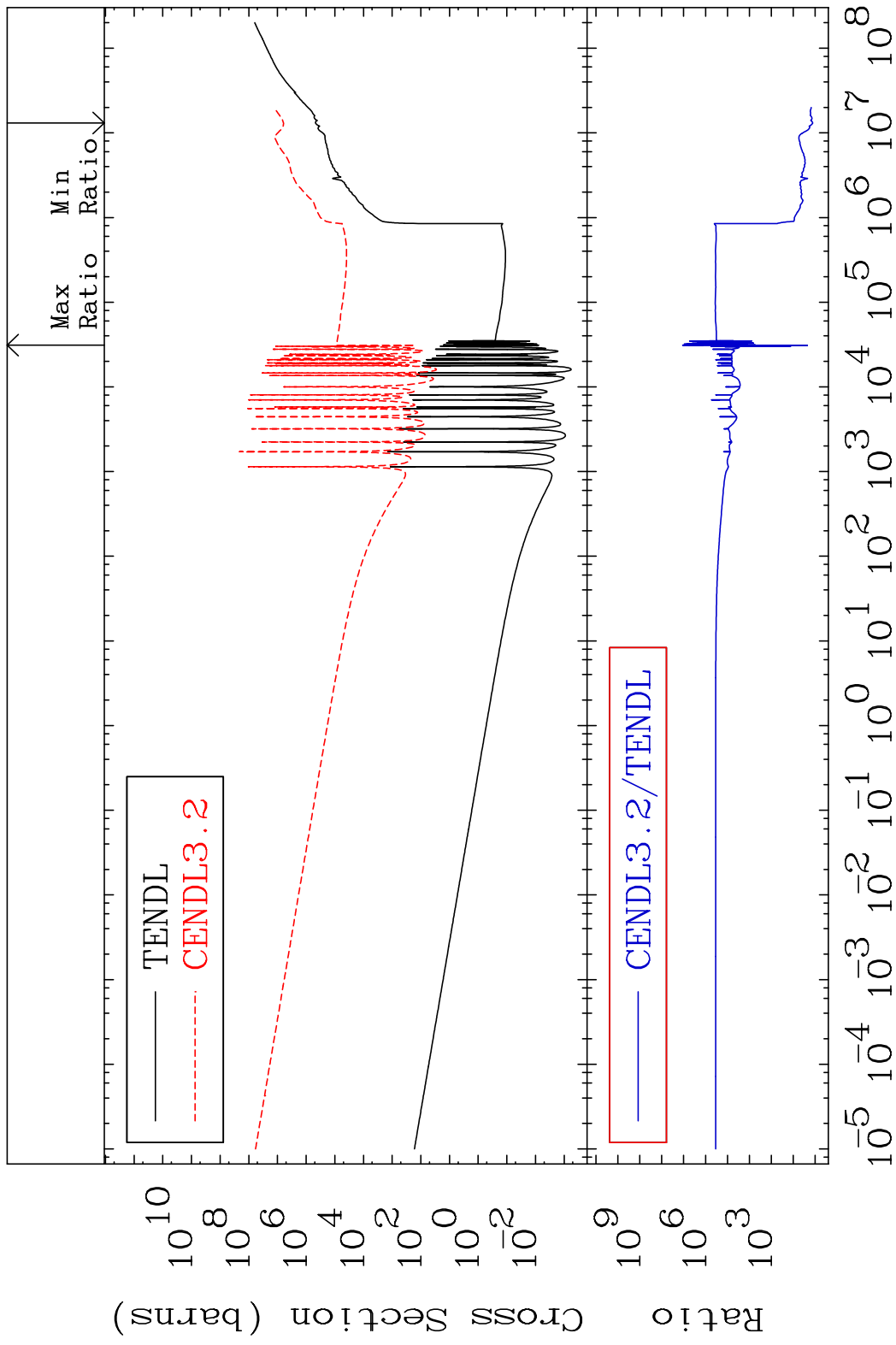


33 Incident Energy (eV) 52-Te-130

MAT 5255 Kerma elastic 52-Te-130
 Cross Section -99.96 To 6327. %

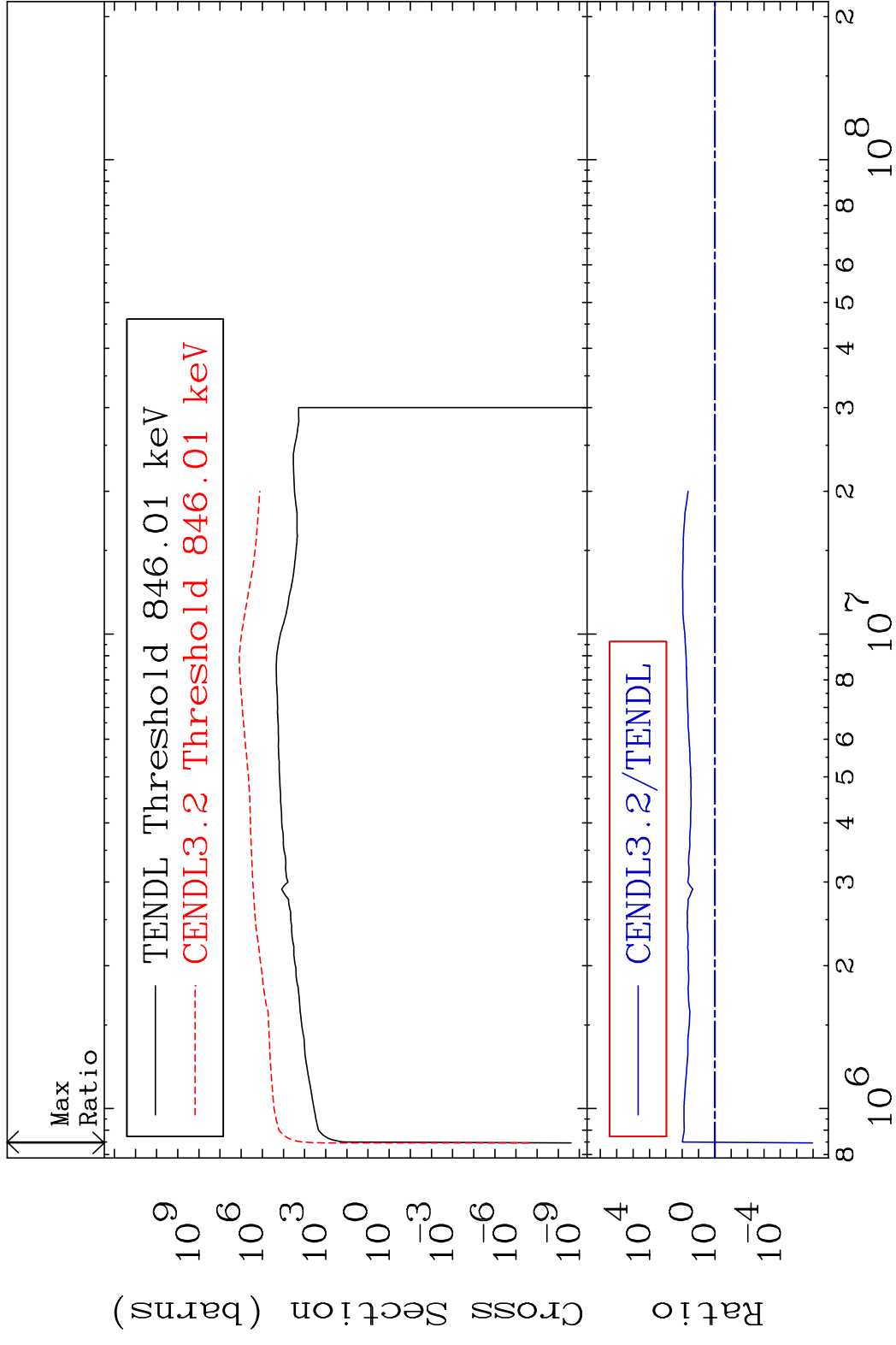


MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130
 Cross Section 1219. To 9999. %

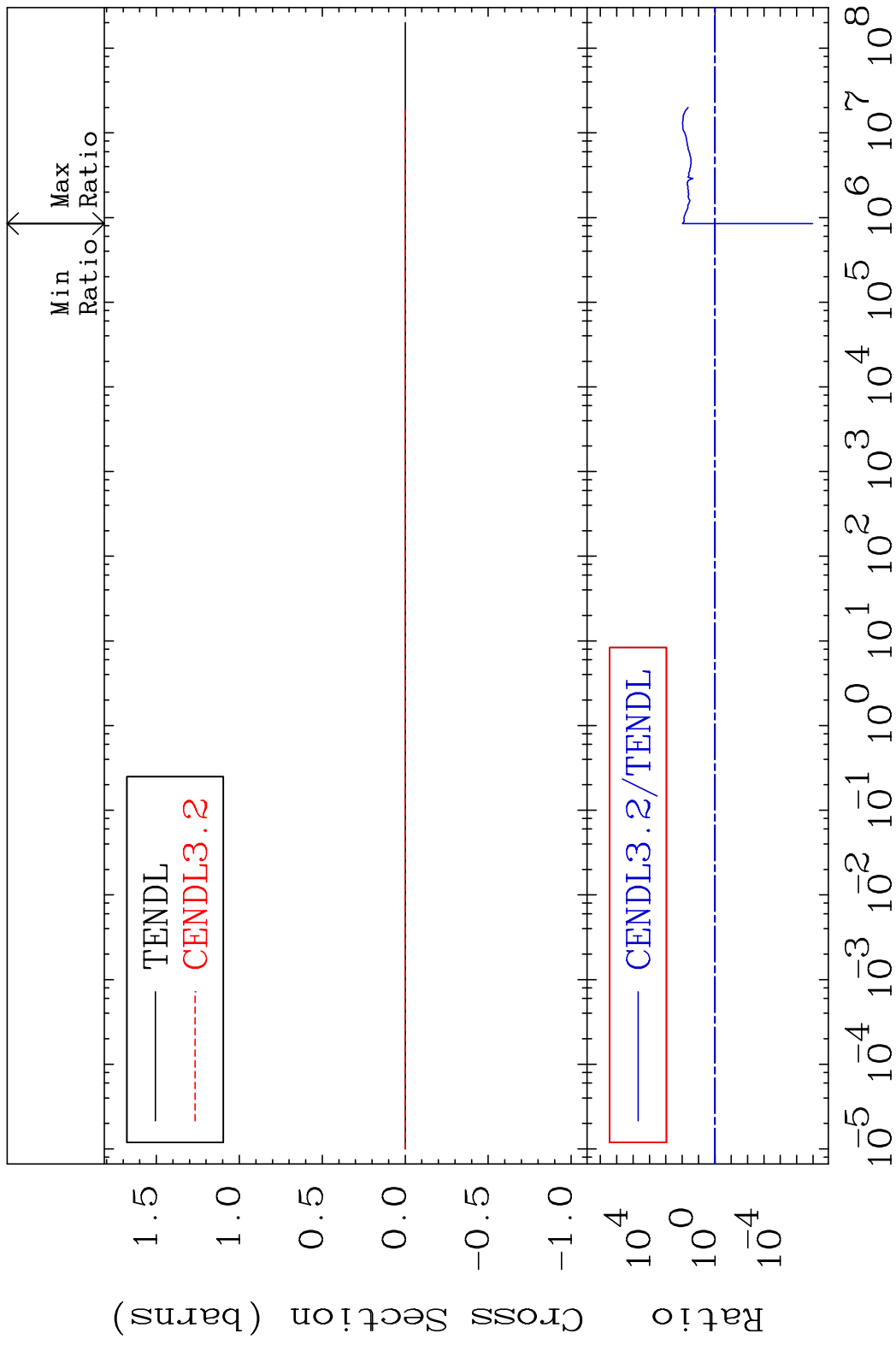


35 Incident Energy (eV) 52-Te-130

MAT 5255 Kerma inelastic (mt51-91) 52-Te-130
 Cross Section -100.0 To 9643. %

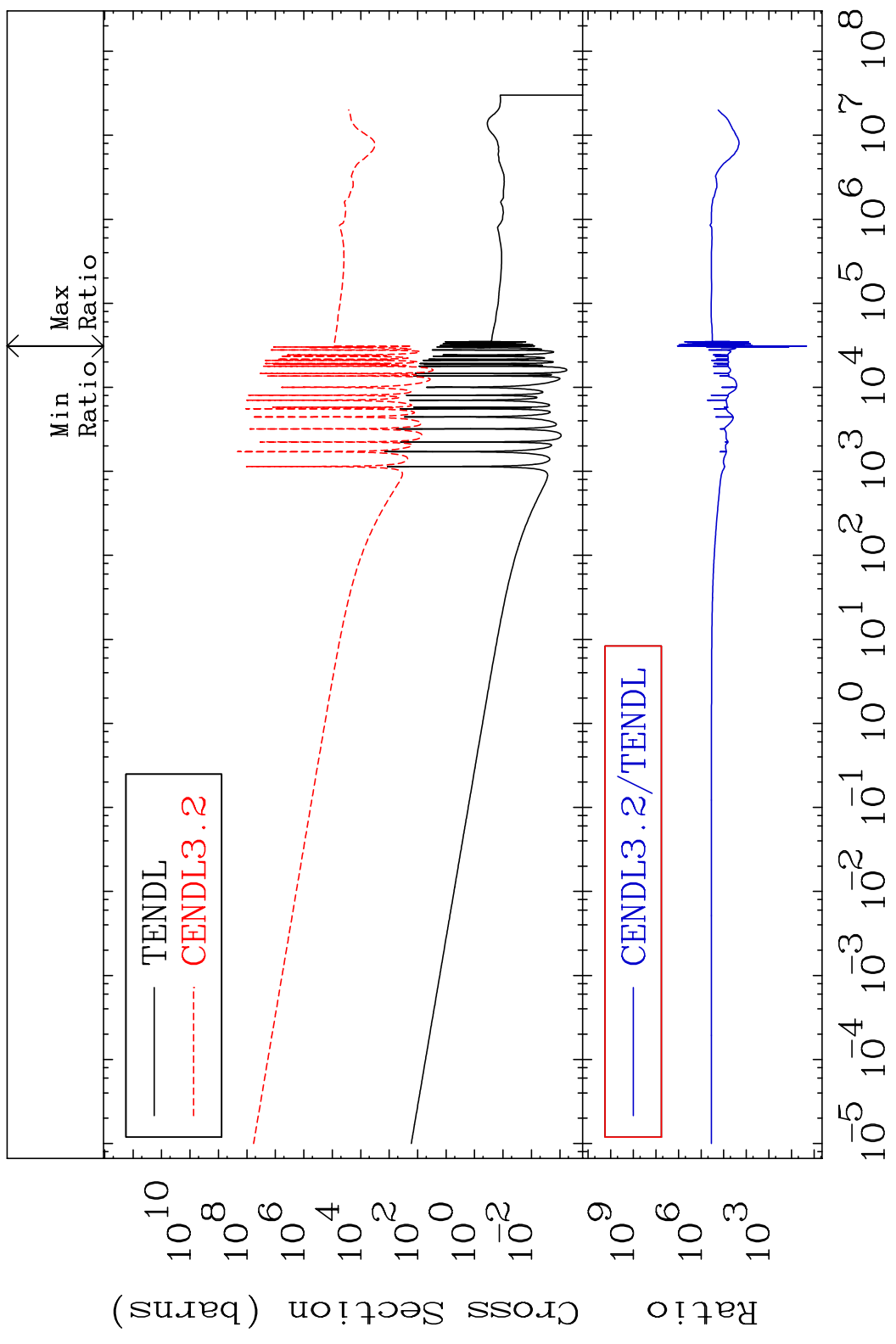


MAT 5255 Kerma fission (mt18 or mt19-20-21-38) 52-Te-130
 Cross Section -100.0 To 9643. %

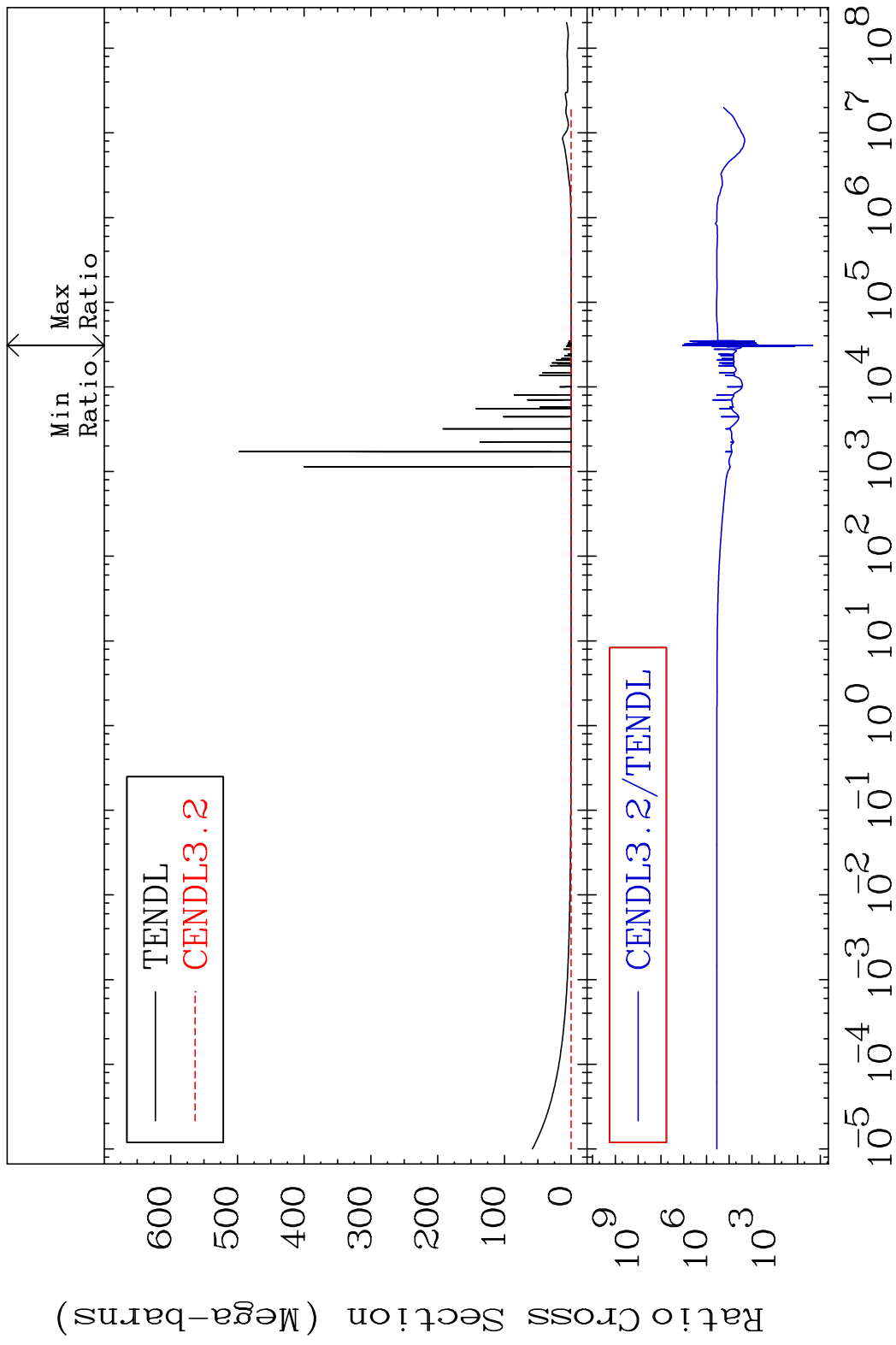


MAT 5255

Kerma capture (mt102) 52-Te-130
Cross Section 2090. To 9999. %

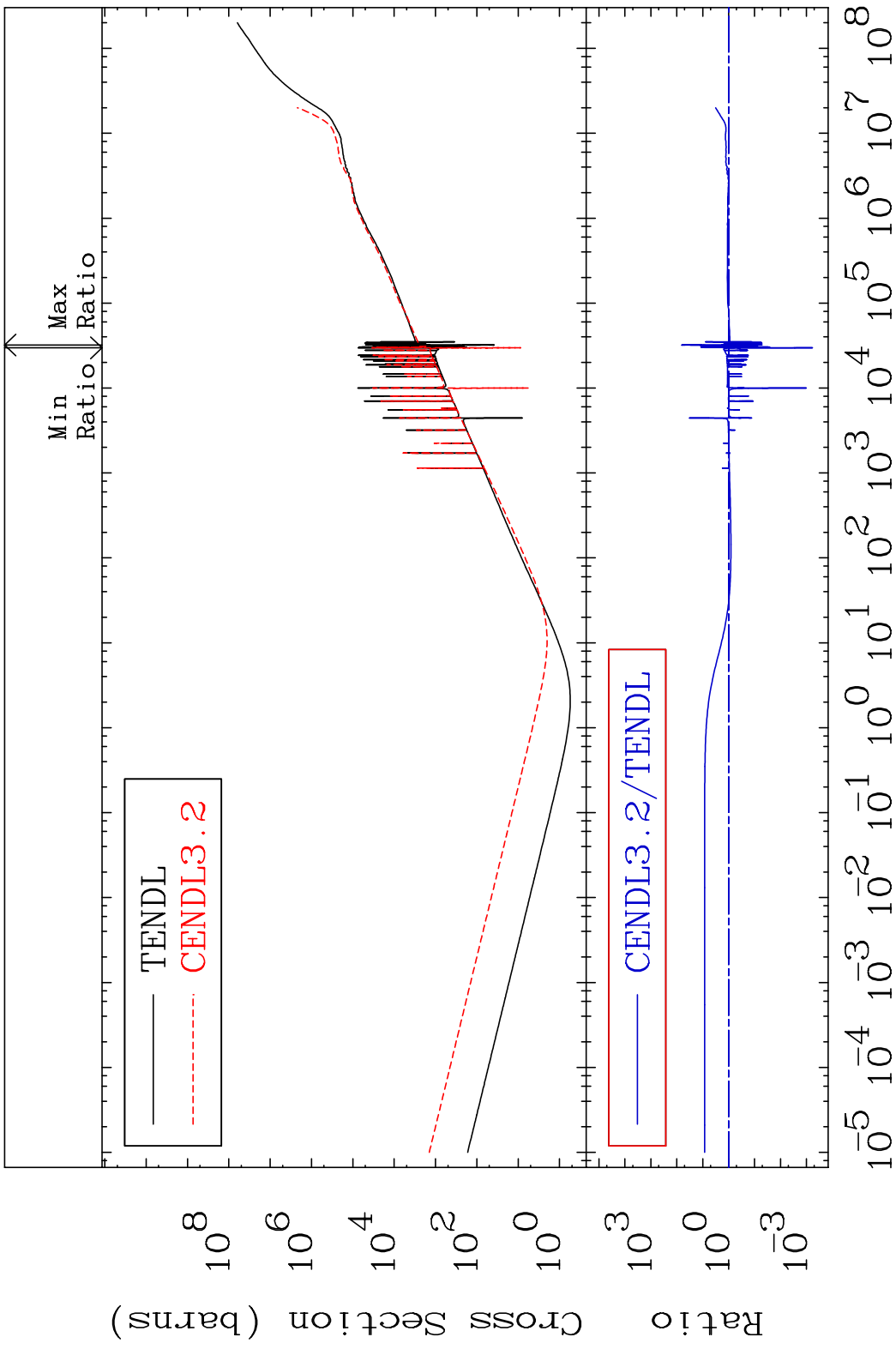


MAT 5255 Total photon (eV-barns) 52-Te-130
Cross Section 2090. To 9999. %



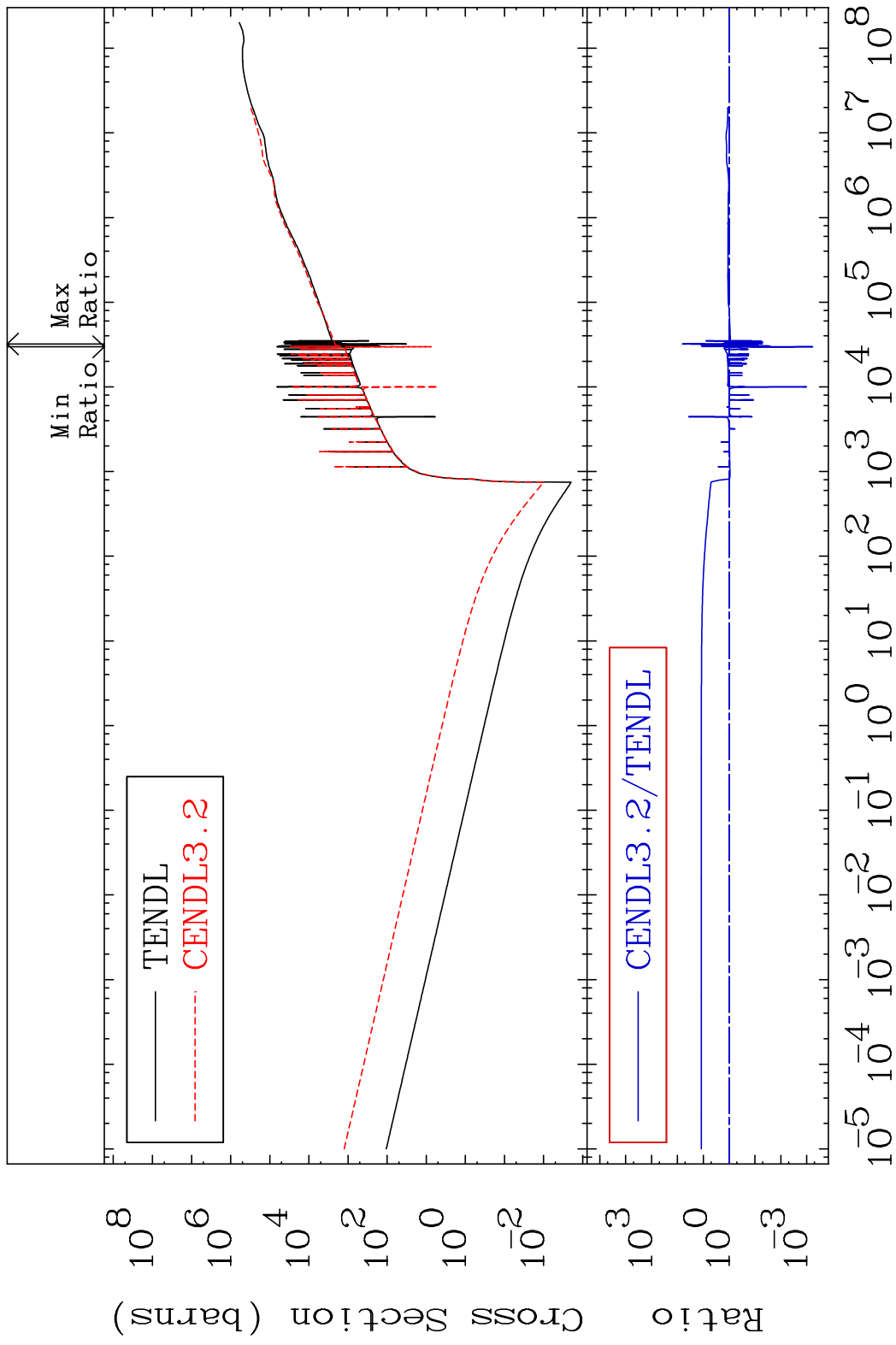
39 Incident Energy (eV) 52-Te-130

MAT 5255 Total kinematic kerma (high limit) 52-Te-130
Cross Section -99.94 To 6335. %



40 Incident Energy (eV) 52-Te-130

MAT 5255 Dpa total (eV-barns) 52-Te-130
 Cross Section -99.94 To 6340. %

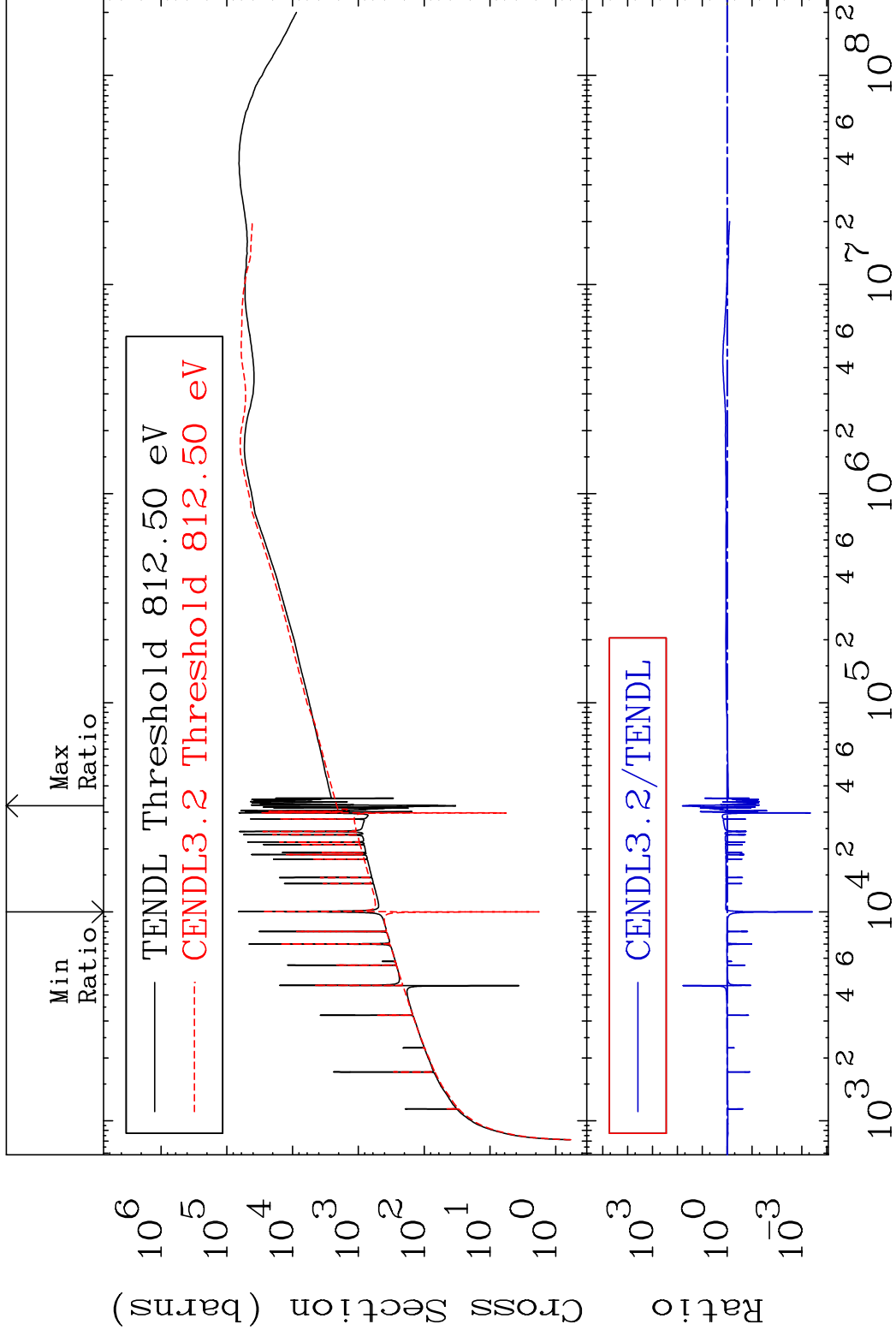


MAT 5255

Dpa elastic (mt2)

52-Te-130

Cross Section -99.96 To 6330. %

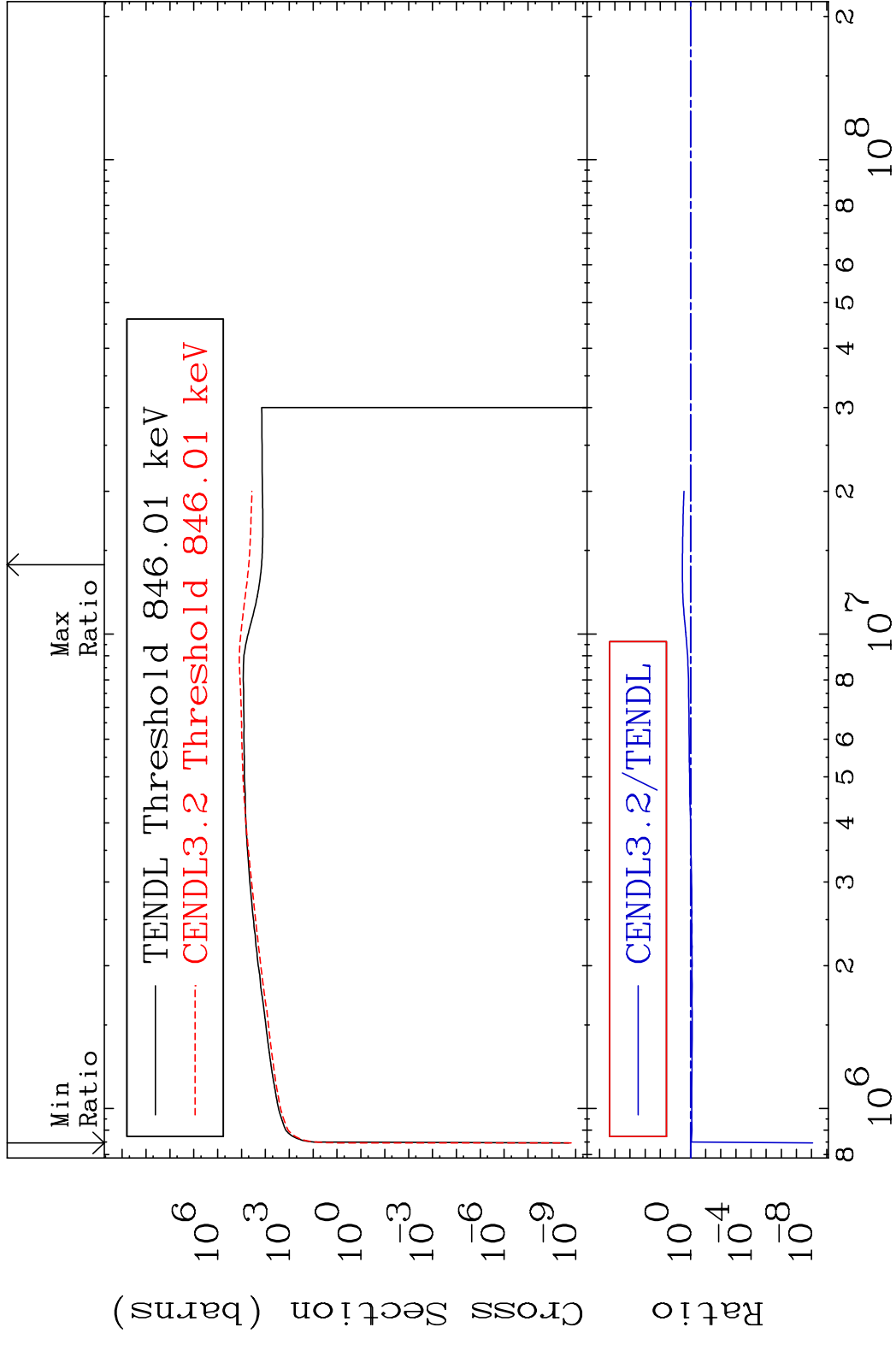


42

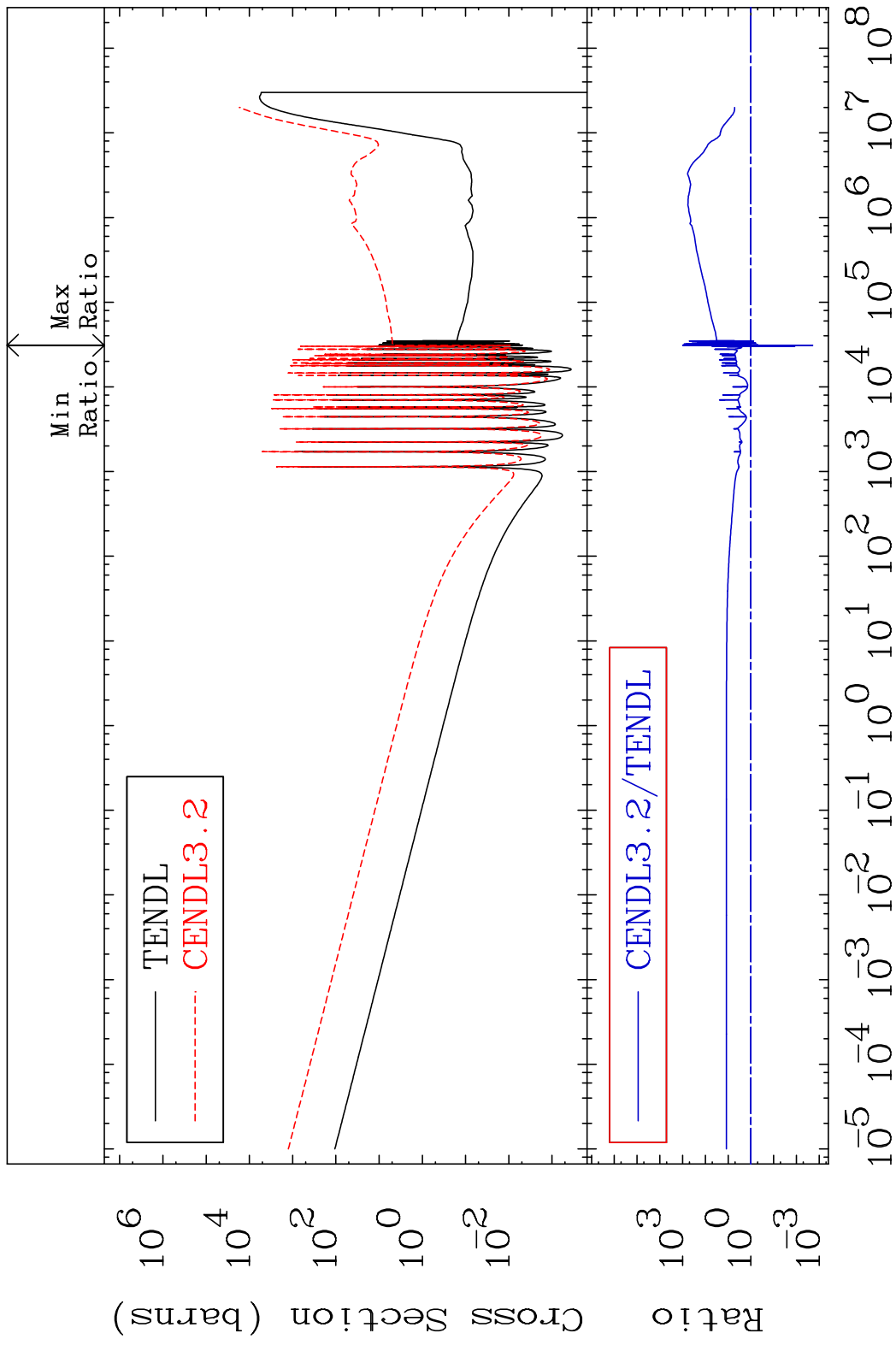
Incident Energy (eV)

52-Te-130

MAT 5255 Dpa inelastic (mt51-91) 52-Te-130
 Cross Section -100.0 To 245.7 %



MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130
 Cross Section -99.80 To 9999. %

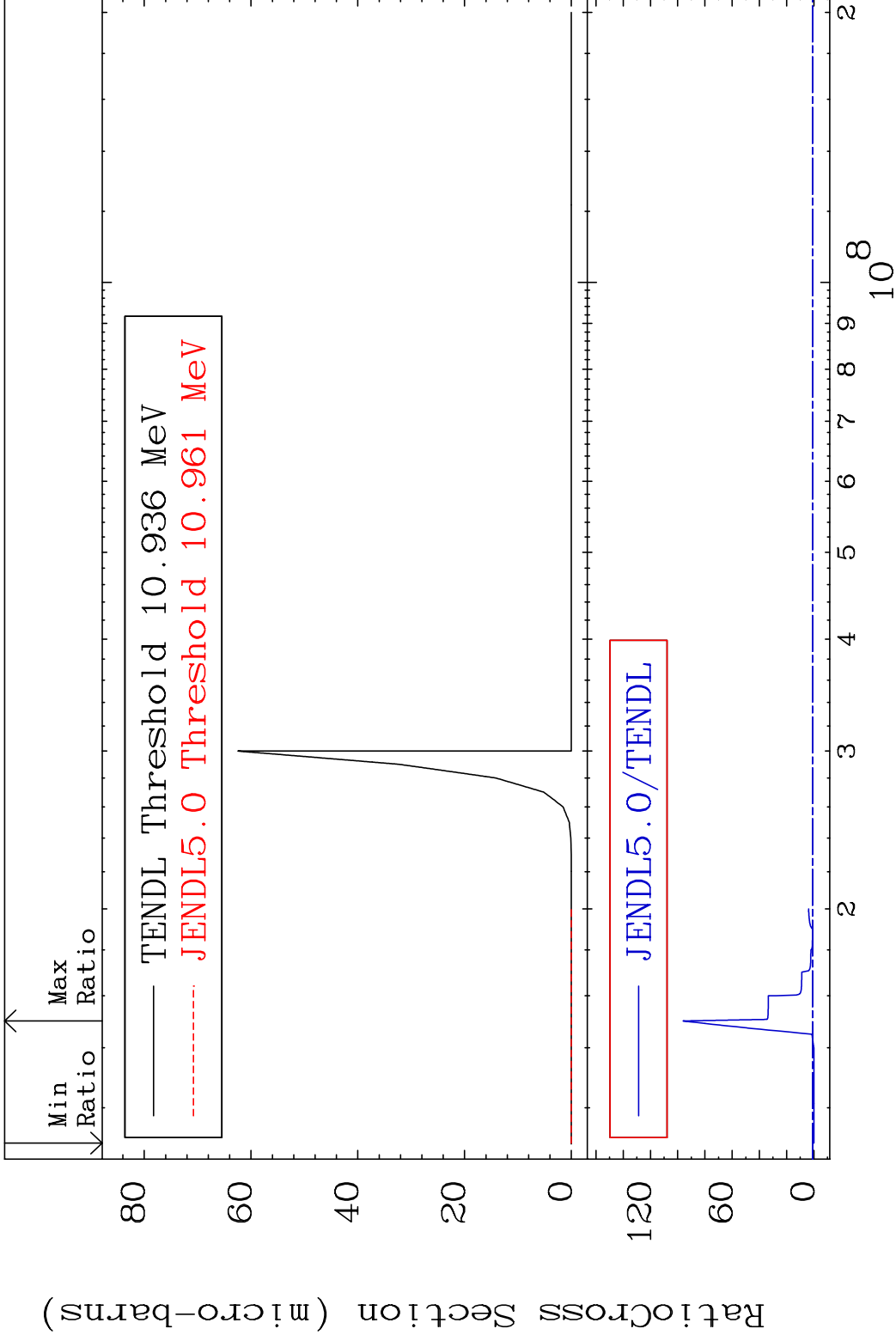


MAT 5255

(n, He-3)

52-Te-130

Cross Section -100.0 To 9505. %



45

Incident Energy (eV)

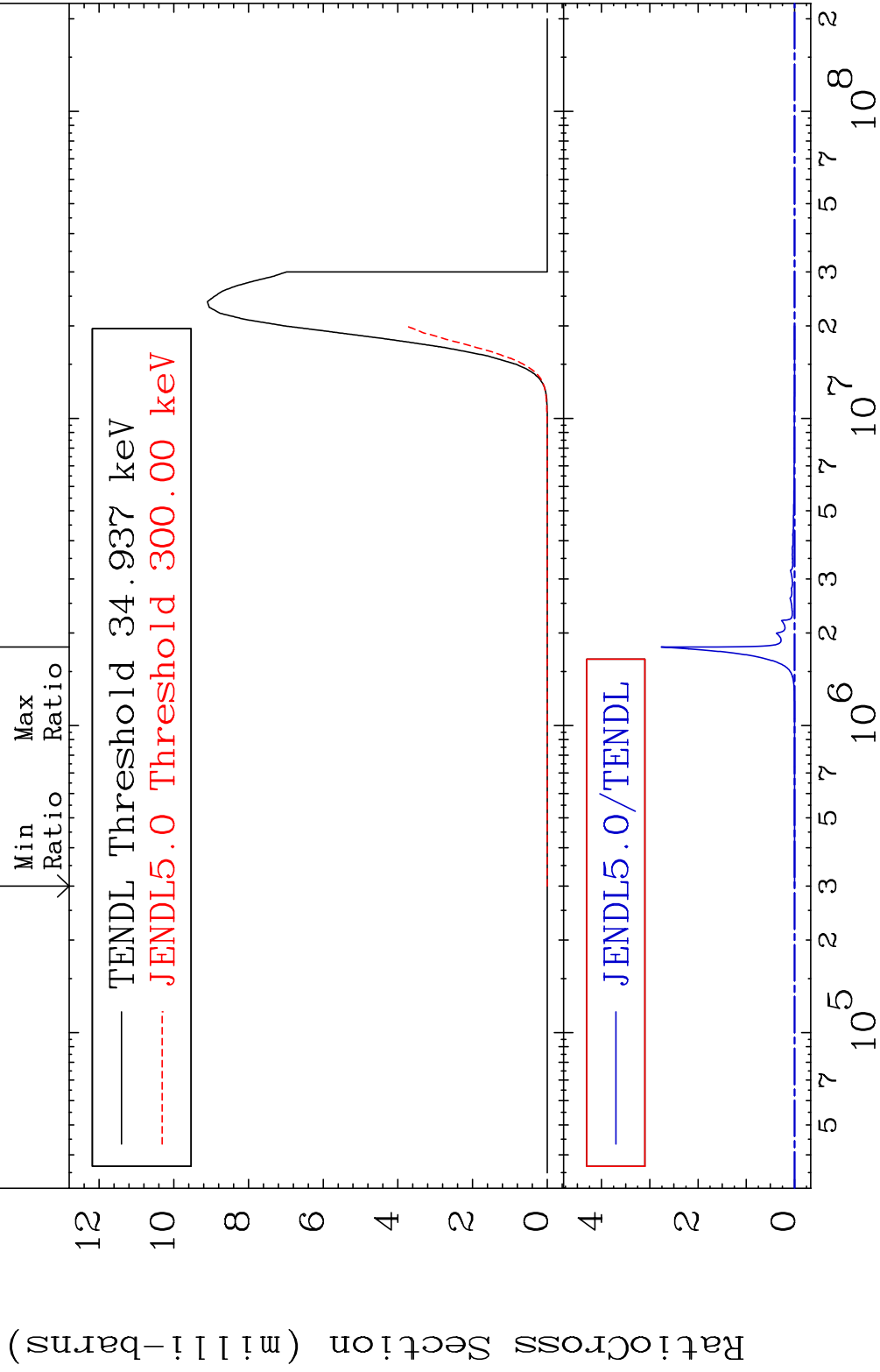
52-Te-130

MAT 5255

(n, α)

52-Te-130

Cross Section -100.0 To 9999. %



46

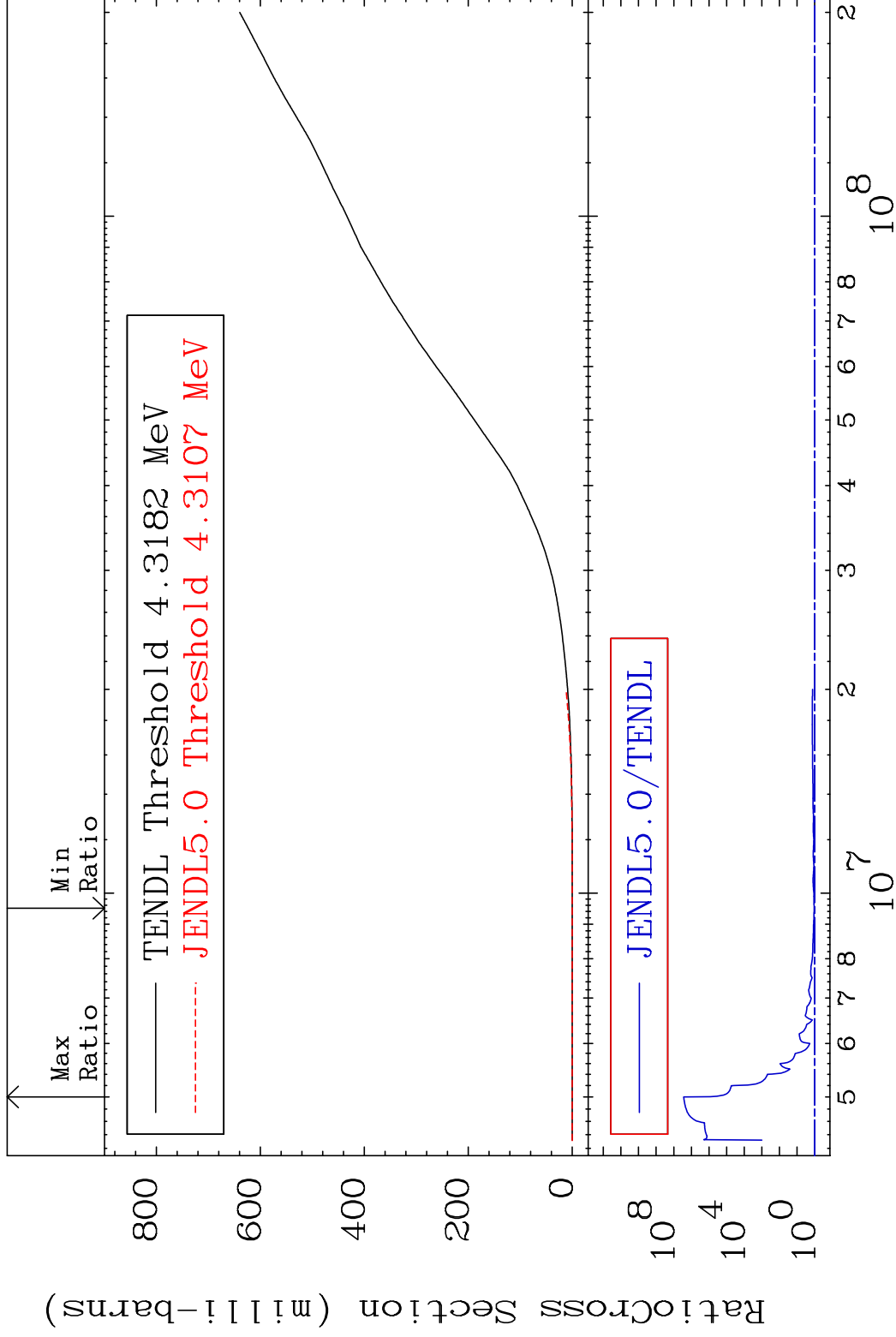
Incident Energy (eV)

52-Te-130

MAT 5255

Hydrogen Production 52-Te-130

Cross Section 8.042 To 9999. %

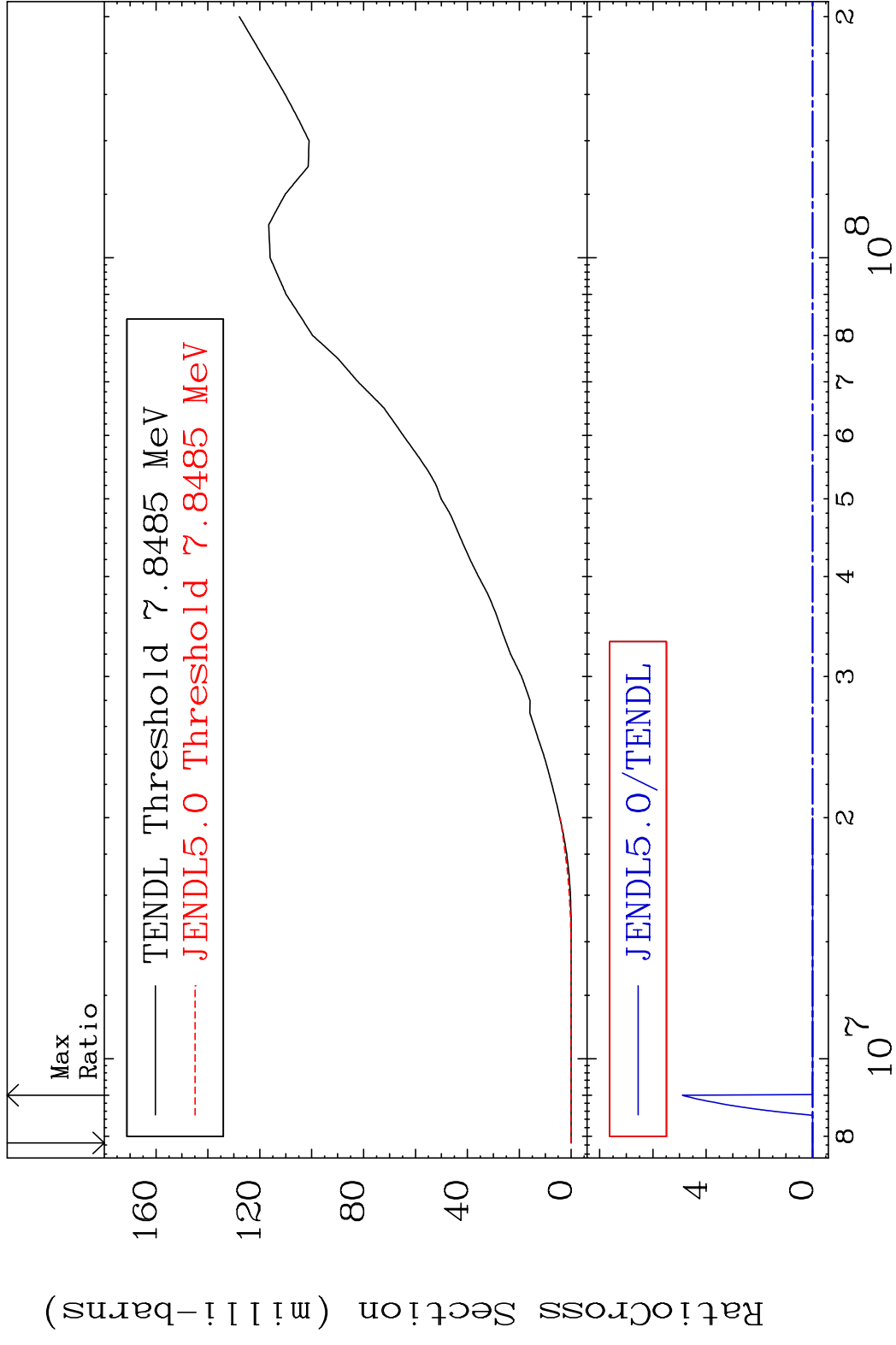


47

Incident Energy (eV)

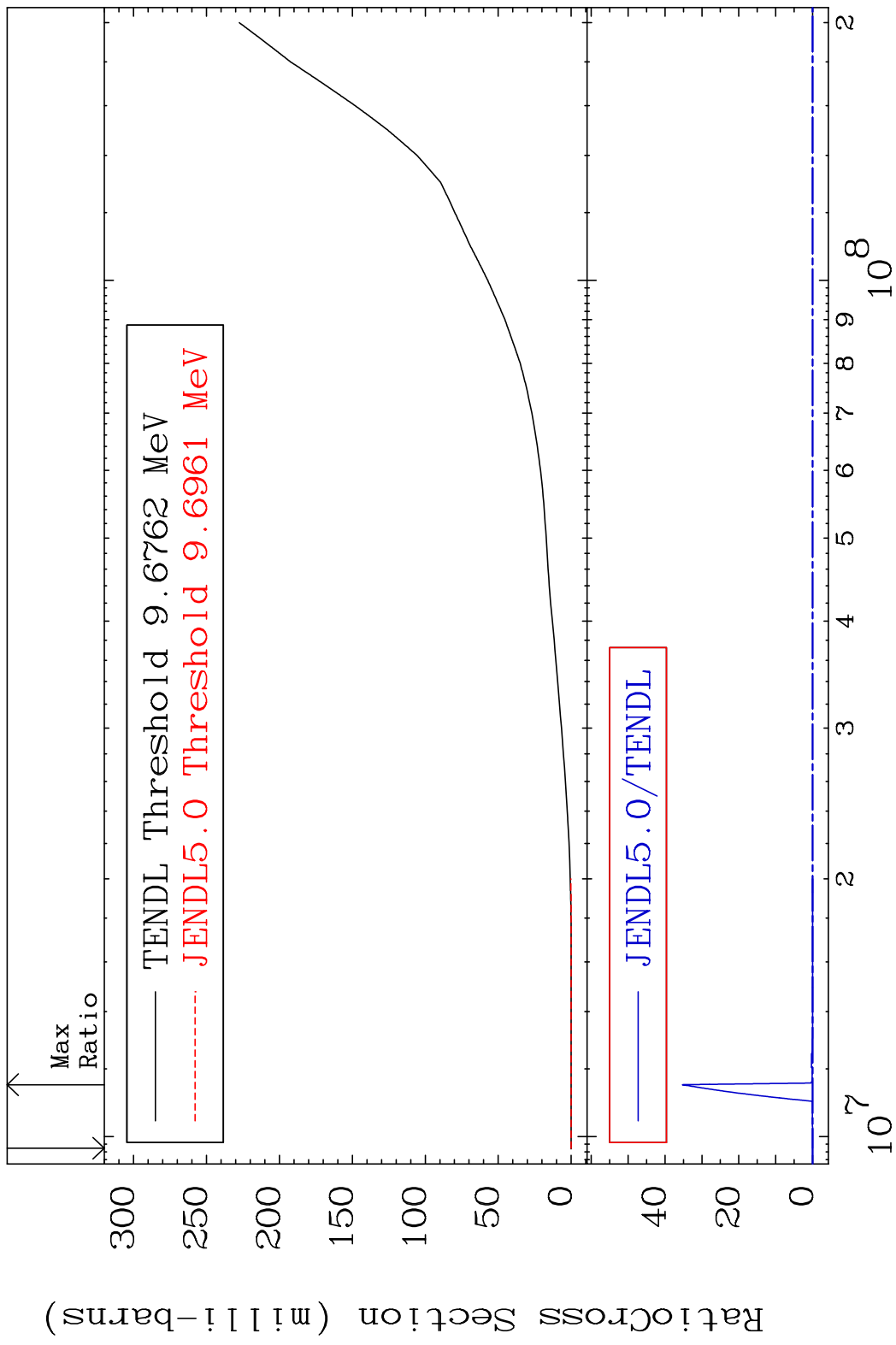
52-Te-130

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. %



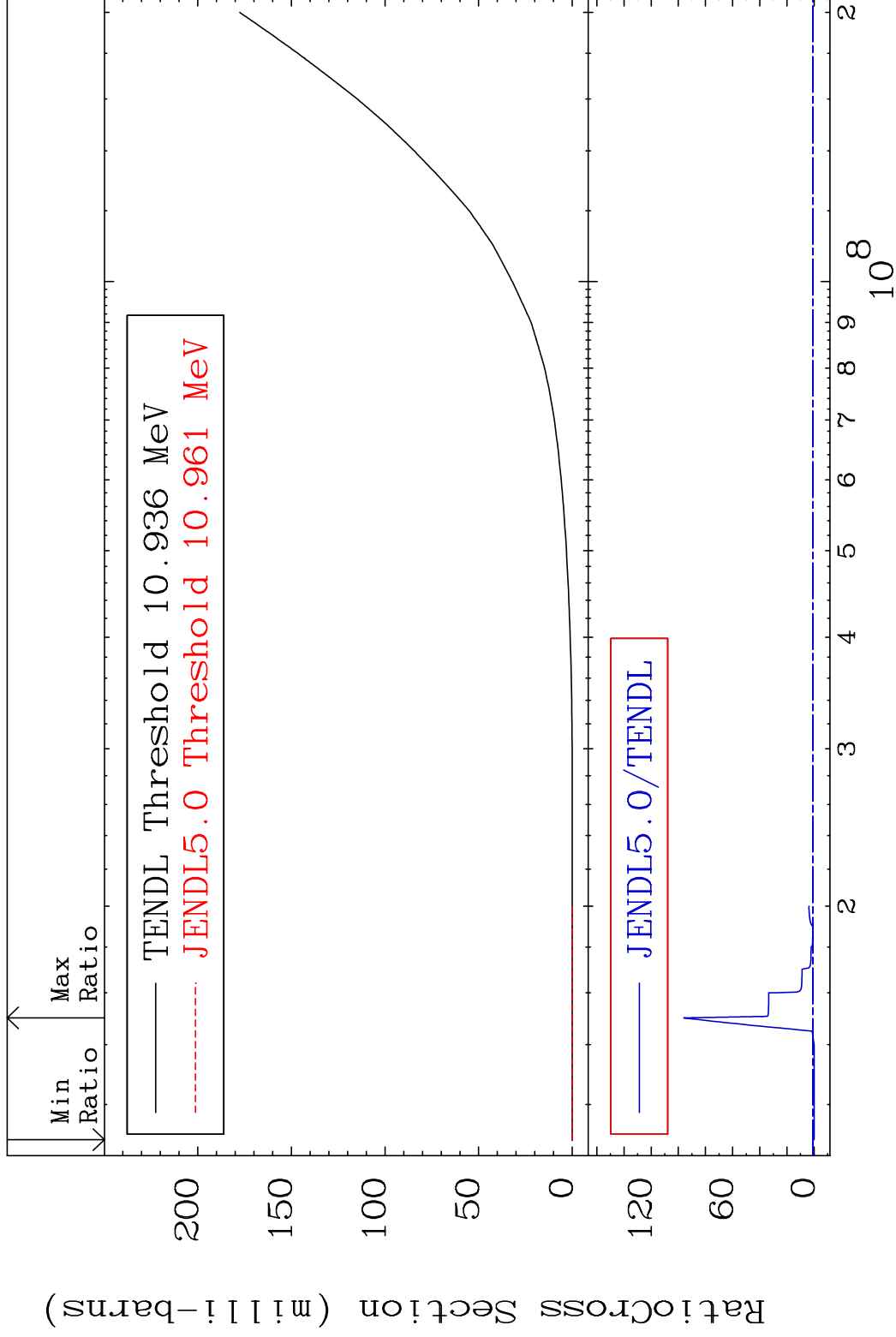
49 52-Te-130

MAT 5255

He-3 Production

52-Te-130

Cross Section -100.0 To 9505. %

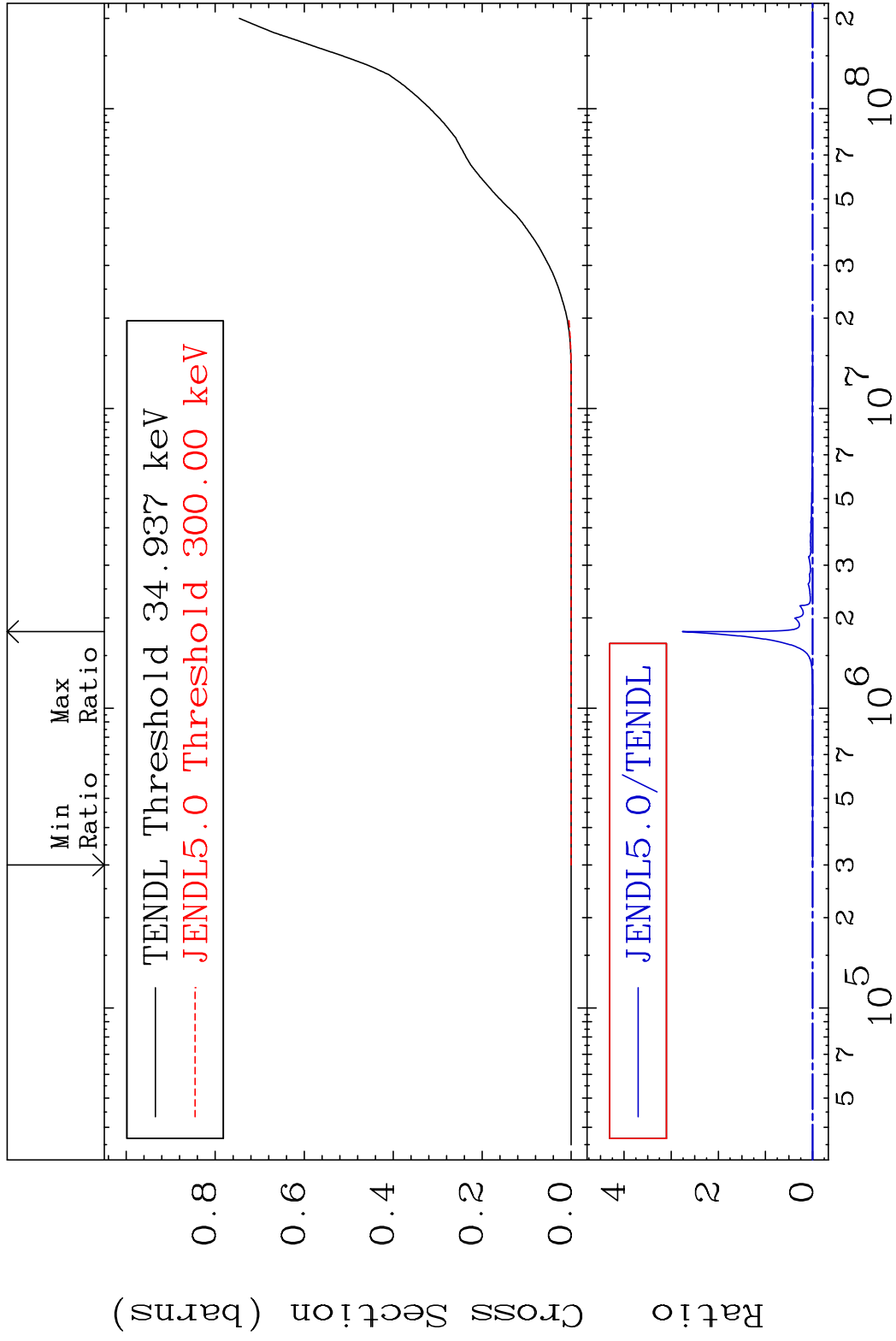


MAT 5255

He-4 Production

52-Te-130

Cross Section -100.0 To 9999. %

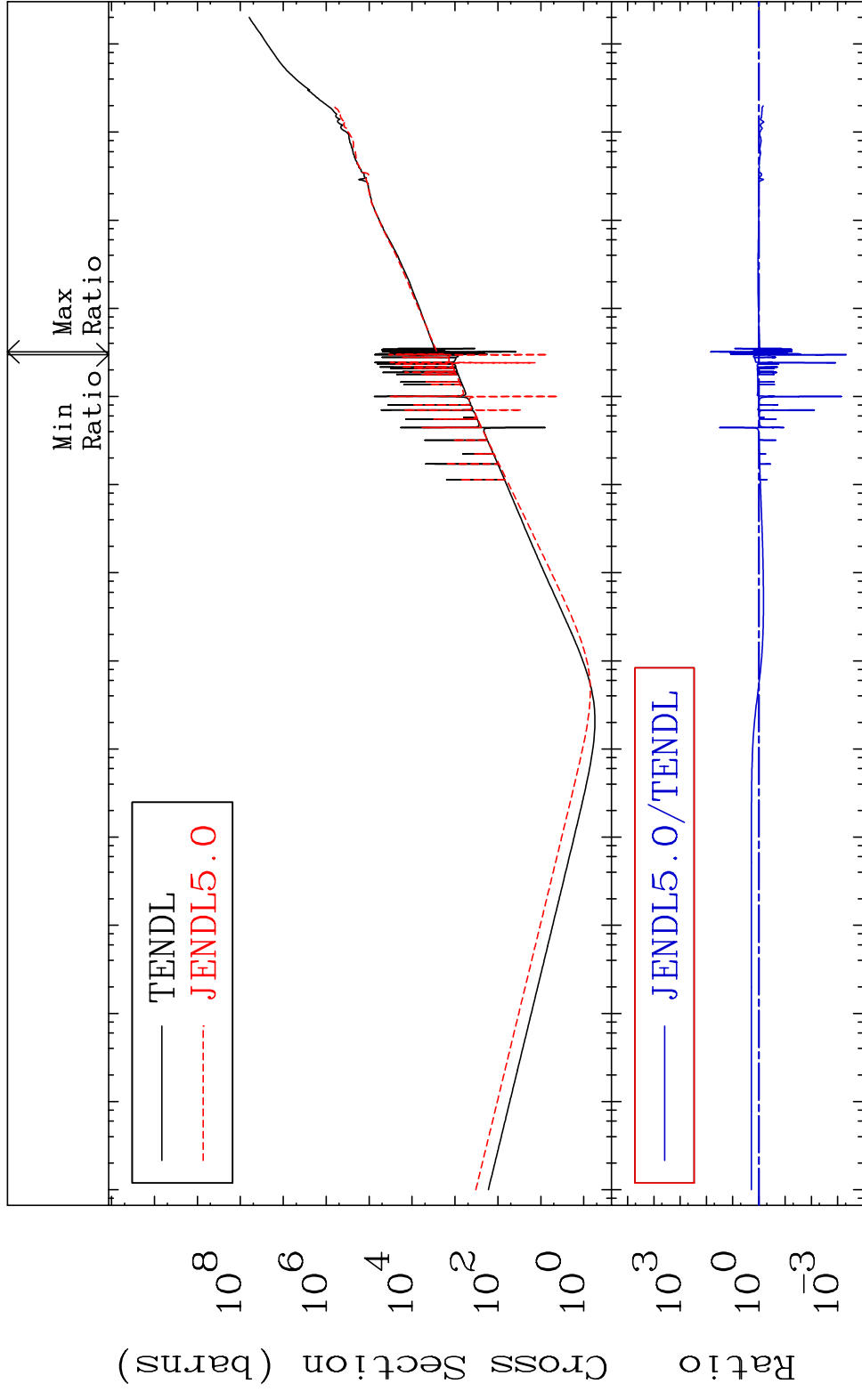


51

Incident Energy (eV)

52-Te-130

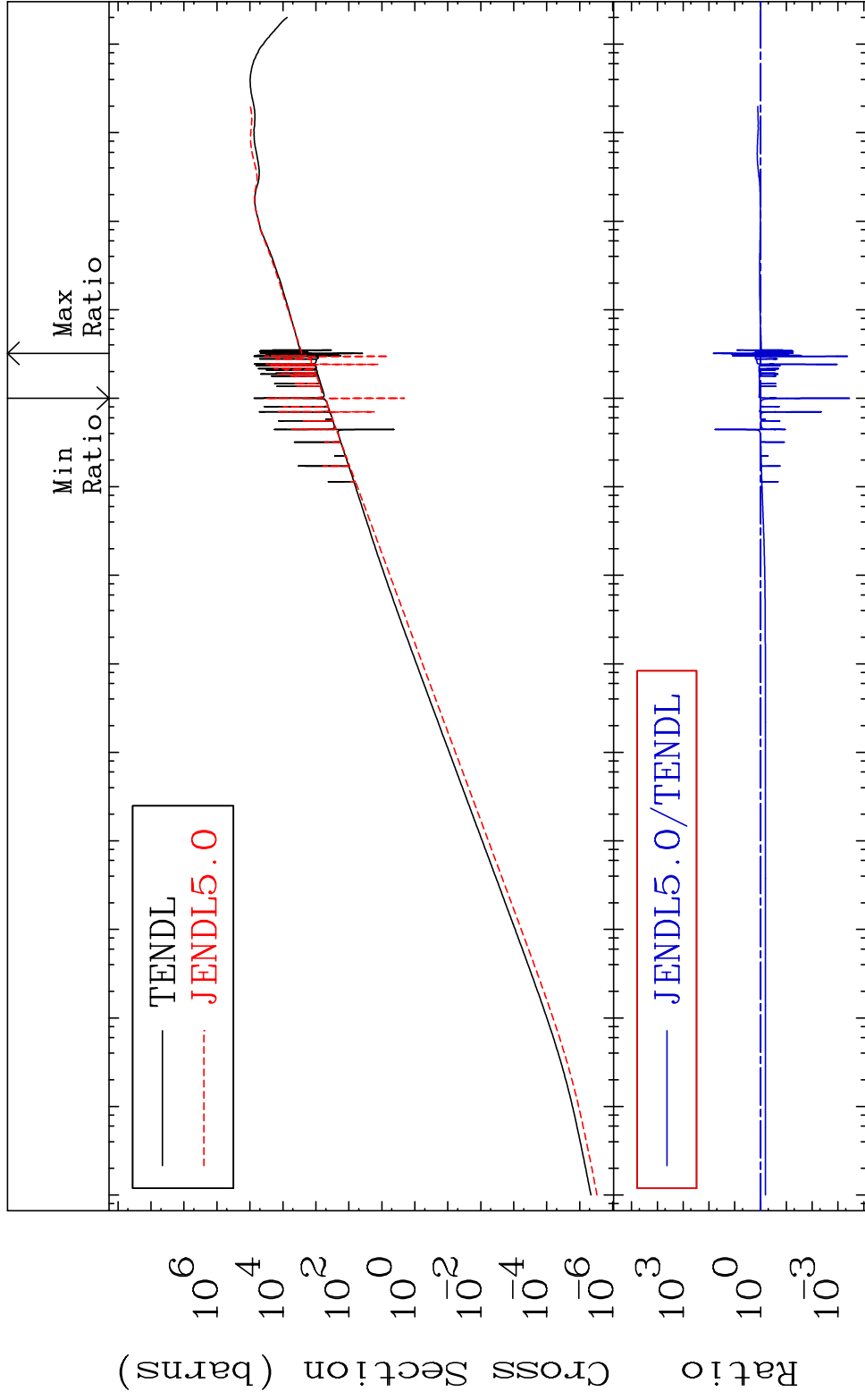
MAT 5255 Kerma total (eV-barns) 52-Te-130
 Cross Section -99.95 To 6758. %



MAT 5255

Kerma elastic
Cross Section

52-Te-130
-99.96 To 6764. %

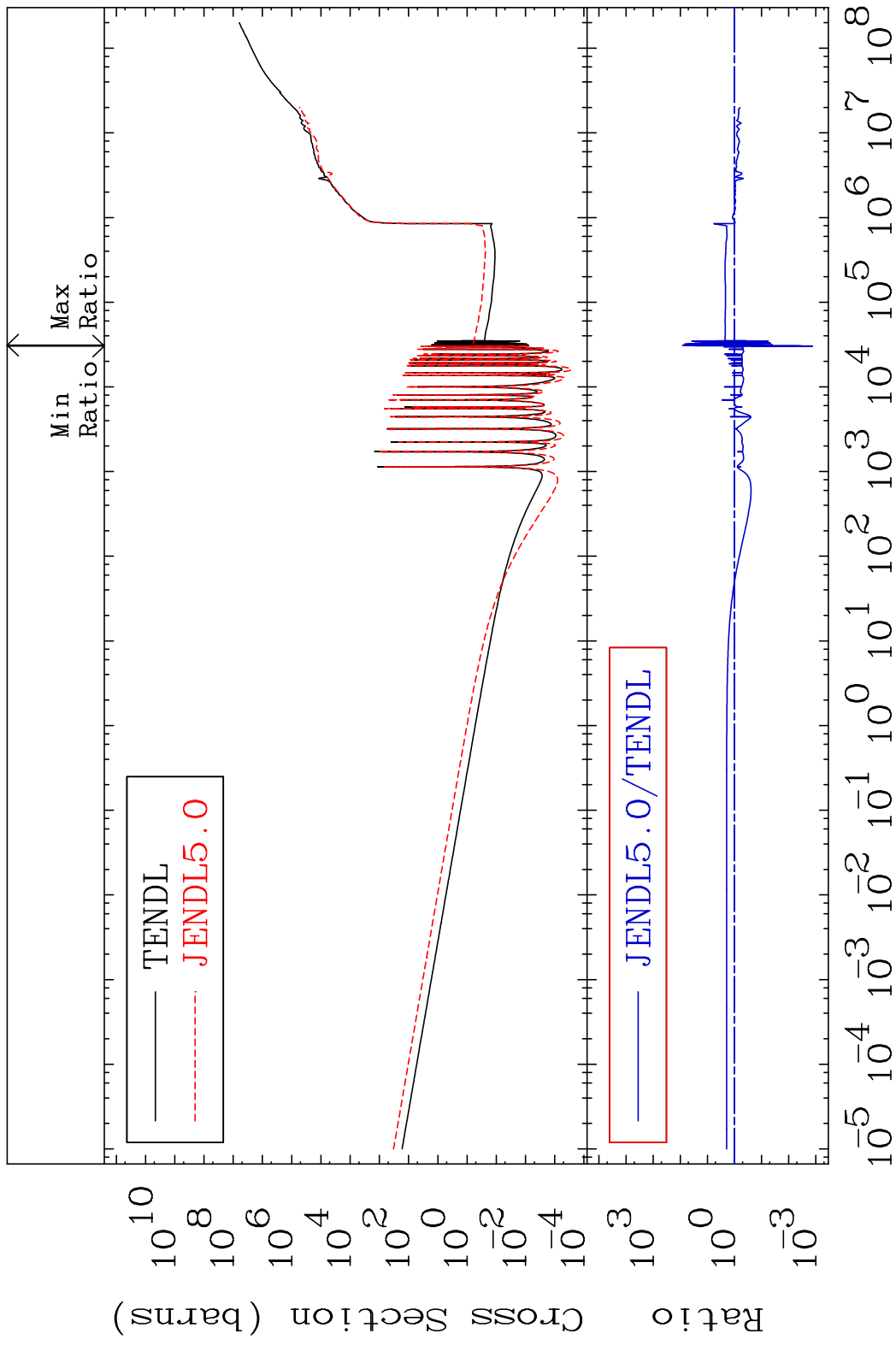


53

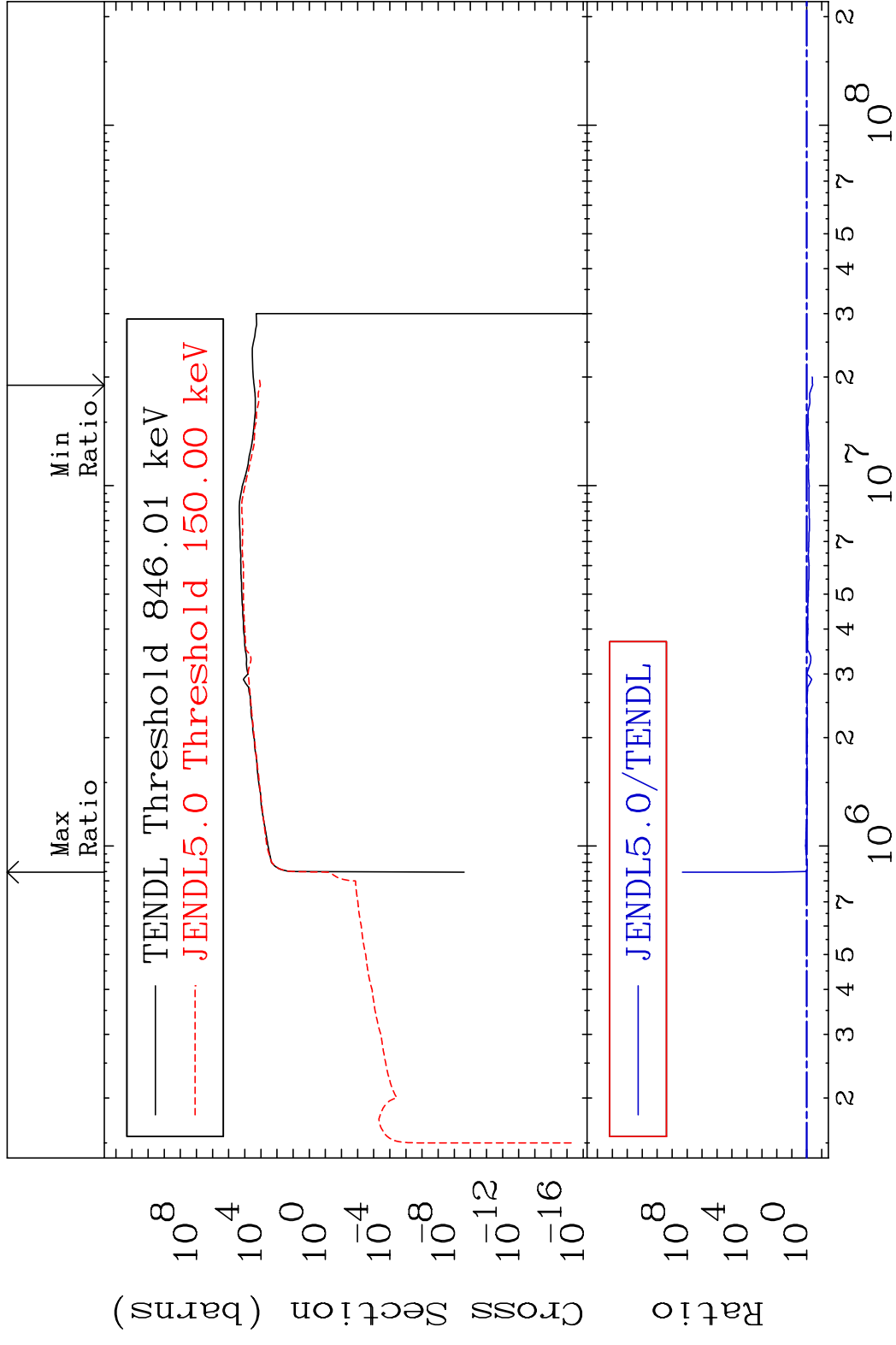
Incident Energy (eV)

52-Te-130

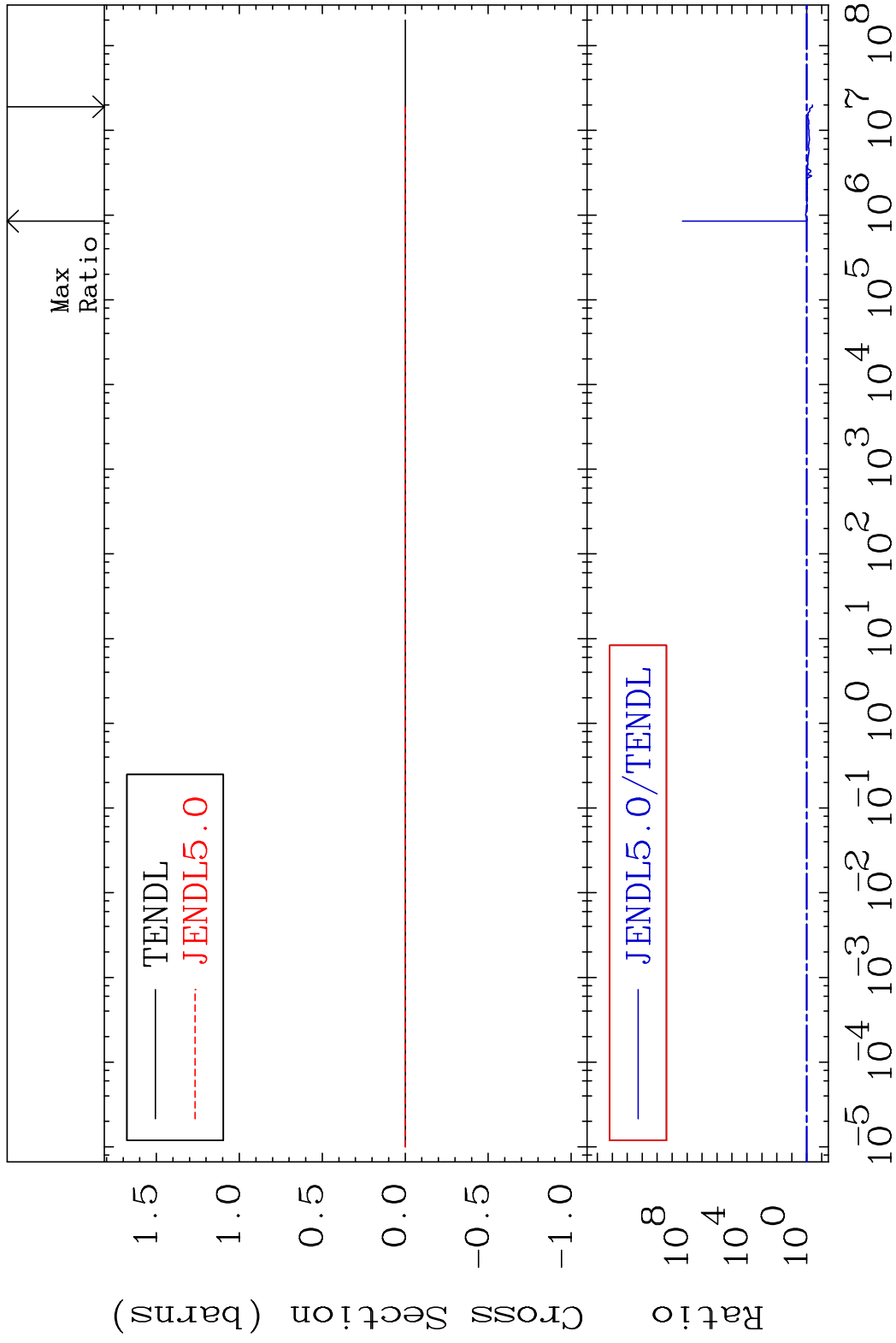
MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130
 Cross Section -99.87 To 8276. %



MAT 5255 Kerma inelastic (mt51-91) 52-Te-130
 Cross Section -59.14 To 9999. %



MAT 5255 Kerma fission (mt18 or mt19-20-21-38) 52-Te-130
 Cross Section -59.14 To 9999. %

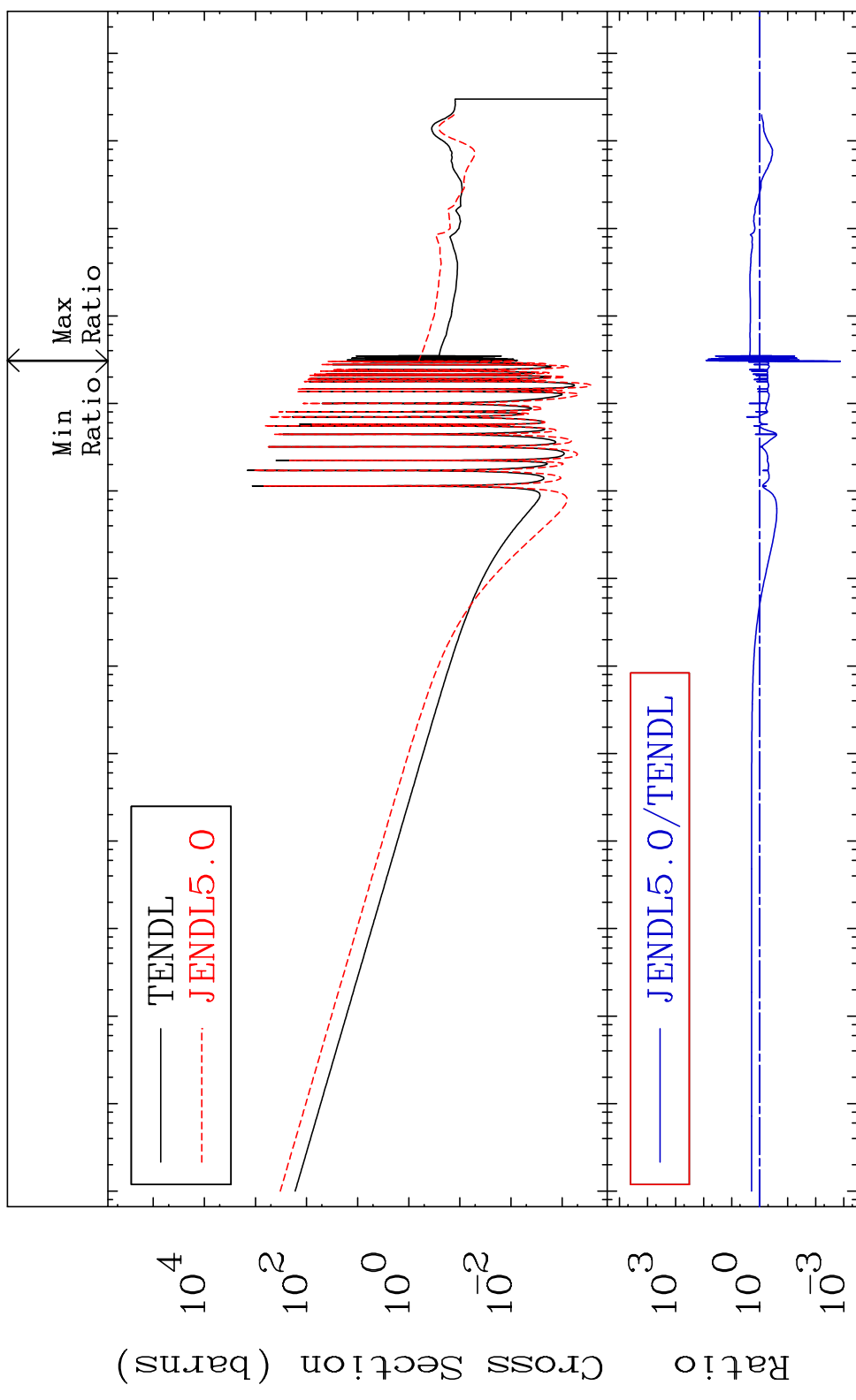


MAT 5255

Kerma capture (mt102)

52-Te-130

Cross Section -99.87 To 8276. %

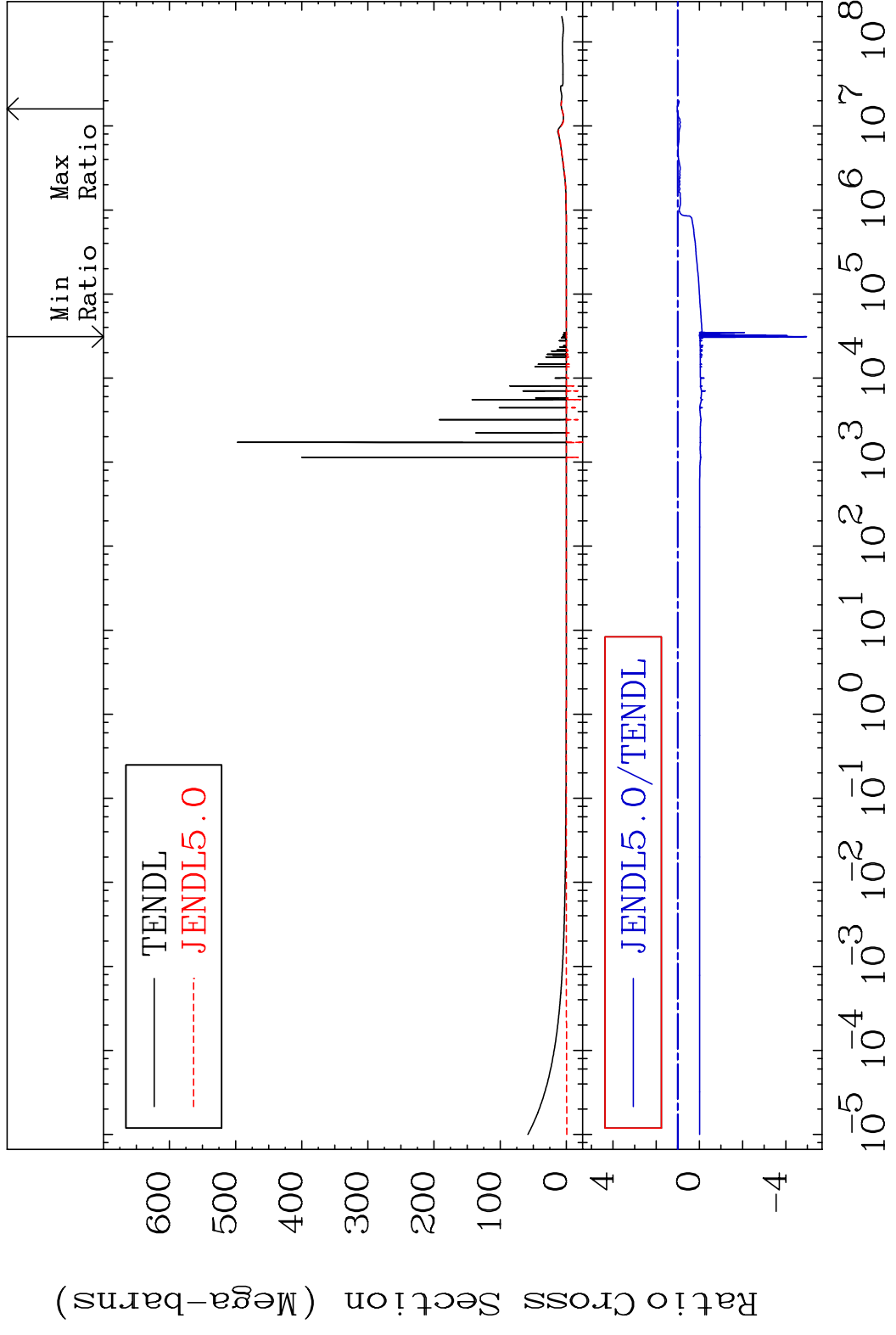


57

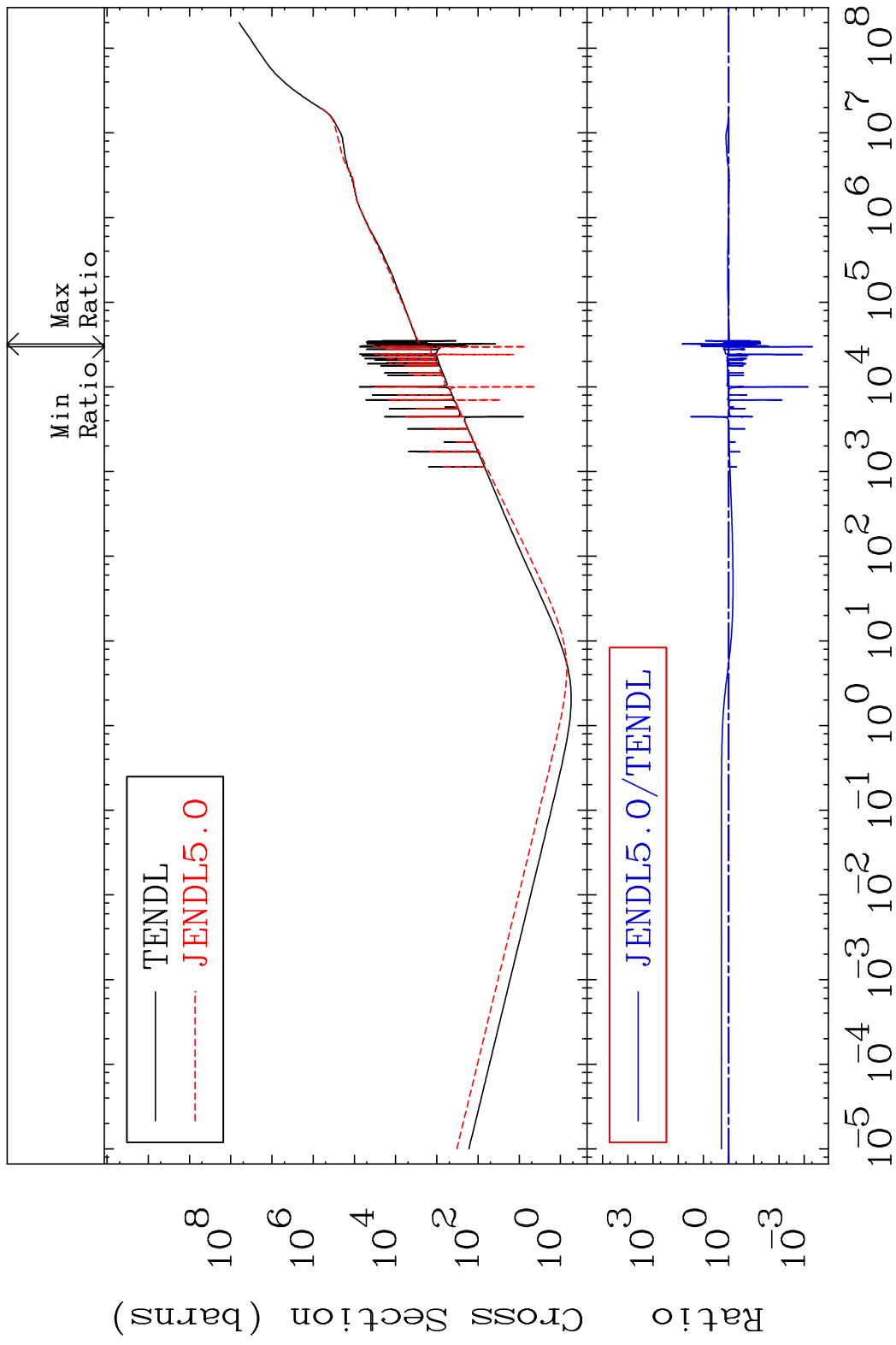
Incident Energy (eV)

52-Te-130

MAT 5255 Total photon (eV-barns) 52-Te-130
Cross Section -595.6 To 2.724 %



MAT 5255 Total kinematic kerma (high limit) 52-Te-130
Cross Section -99.95 To 6758. %

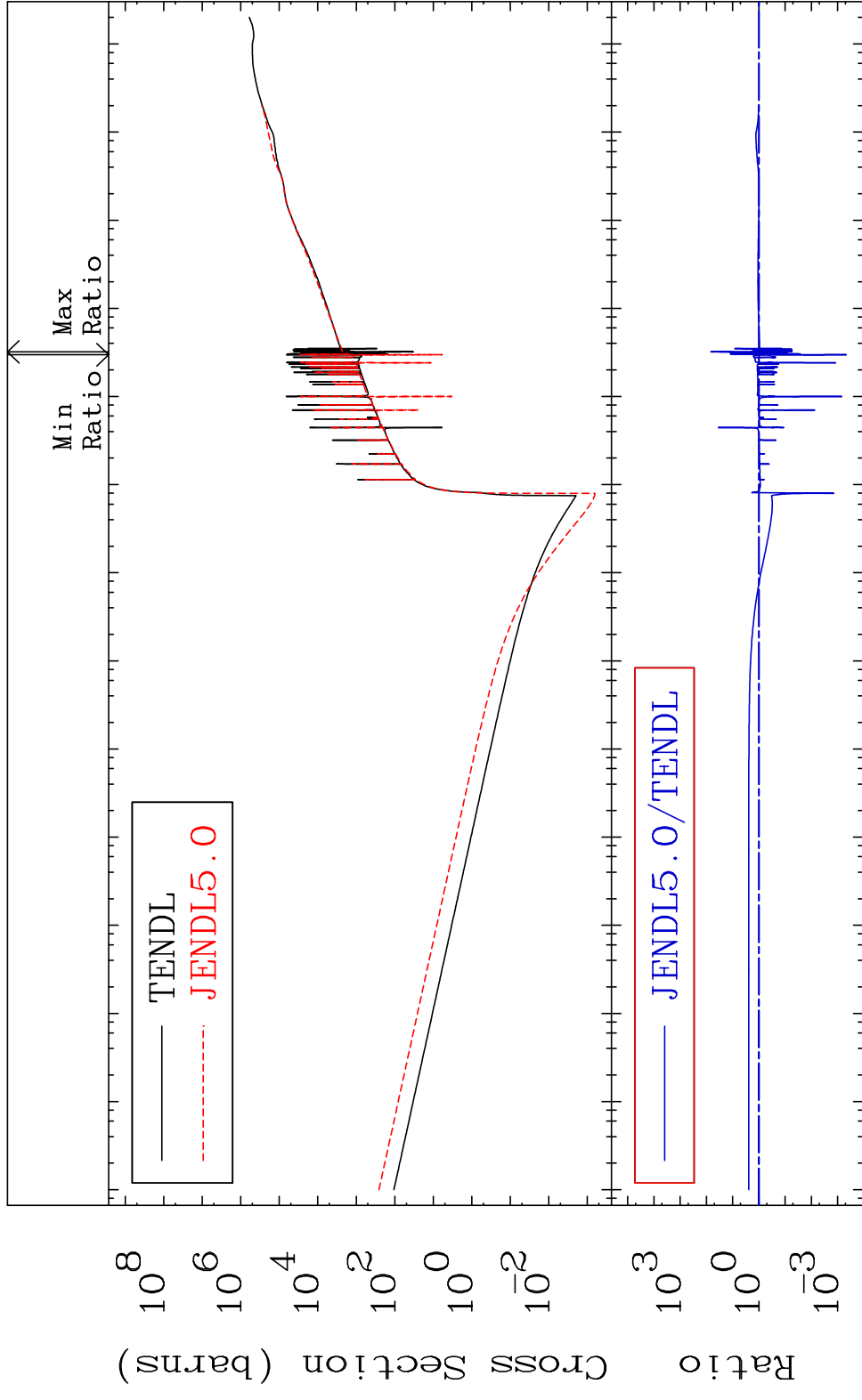


MAT 5255

Dpa total (eV-barns)

52-Te-130

Cross Section -99.95 To 6758. %



60

Incident Energy (eV)

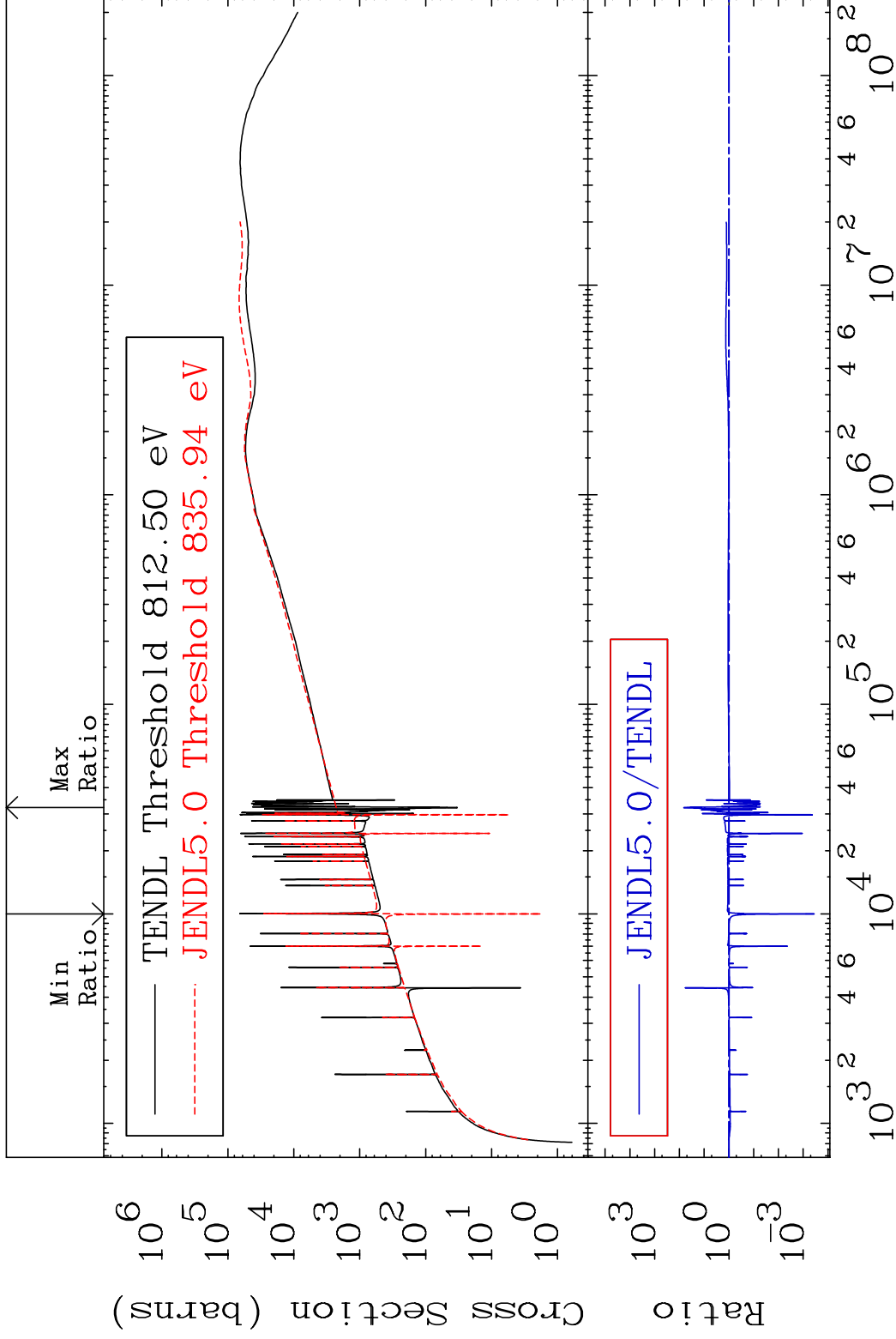
52-Te-130

MAT 5255

Dpa elastic (mt2)

52-Te-130

Cross Section -99.96 To 6762. %



61

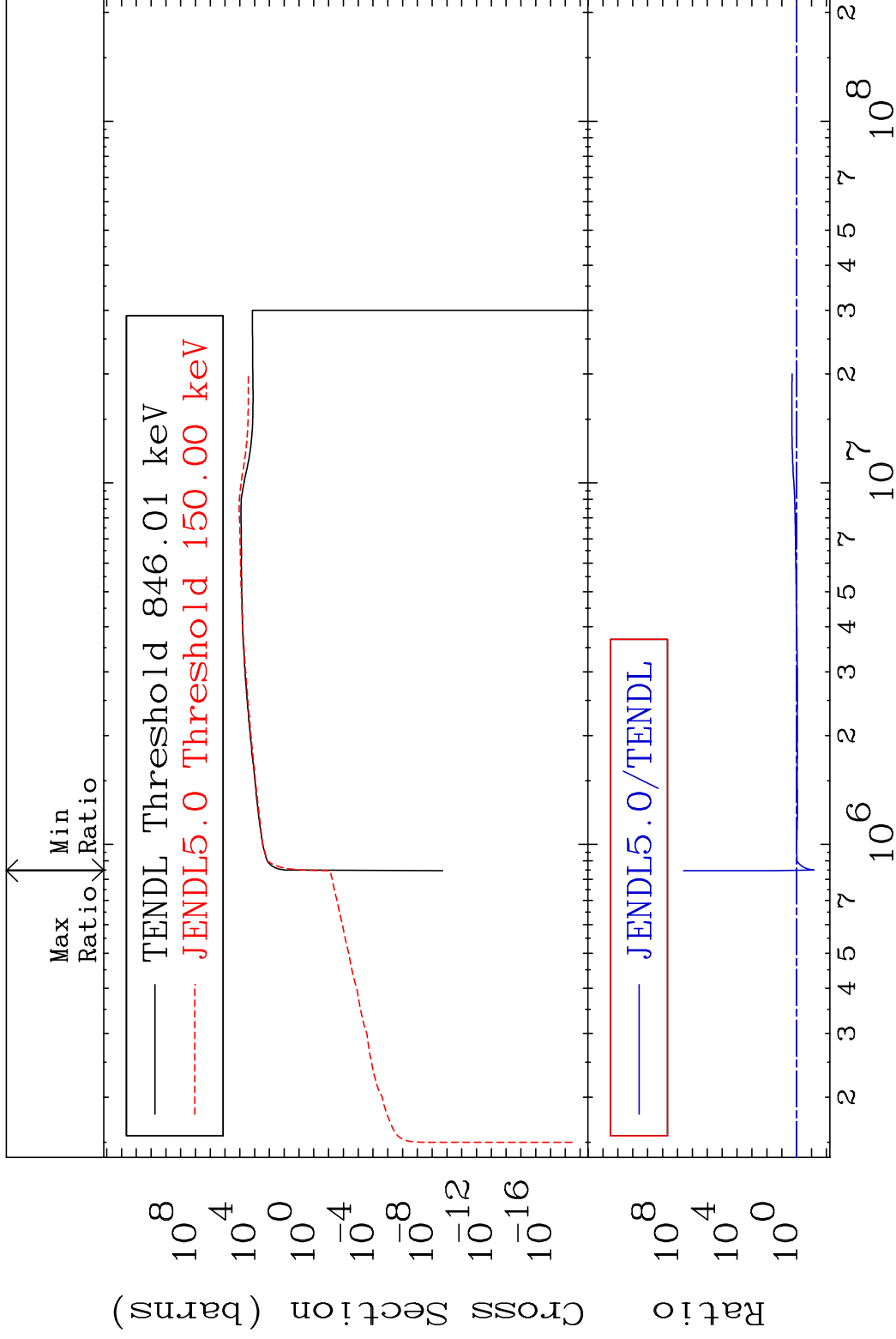
Incident Energy (eV)

52-Te-130

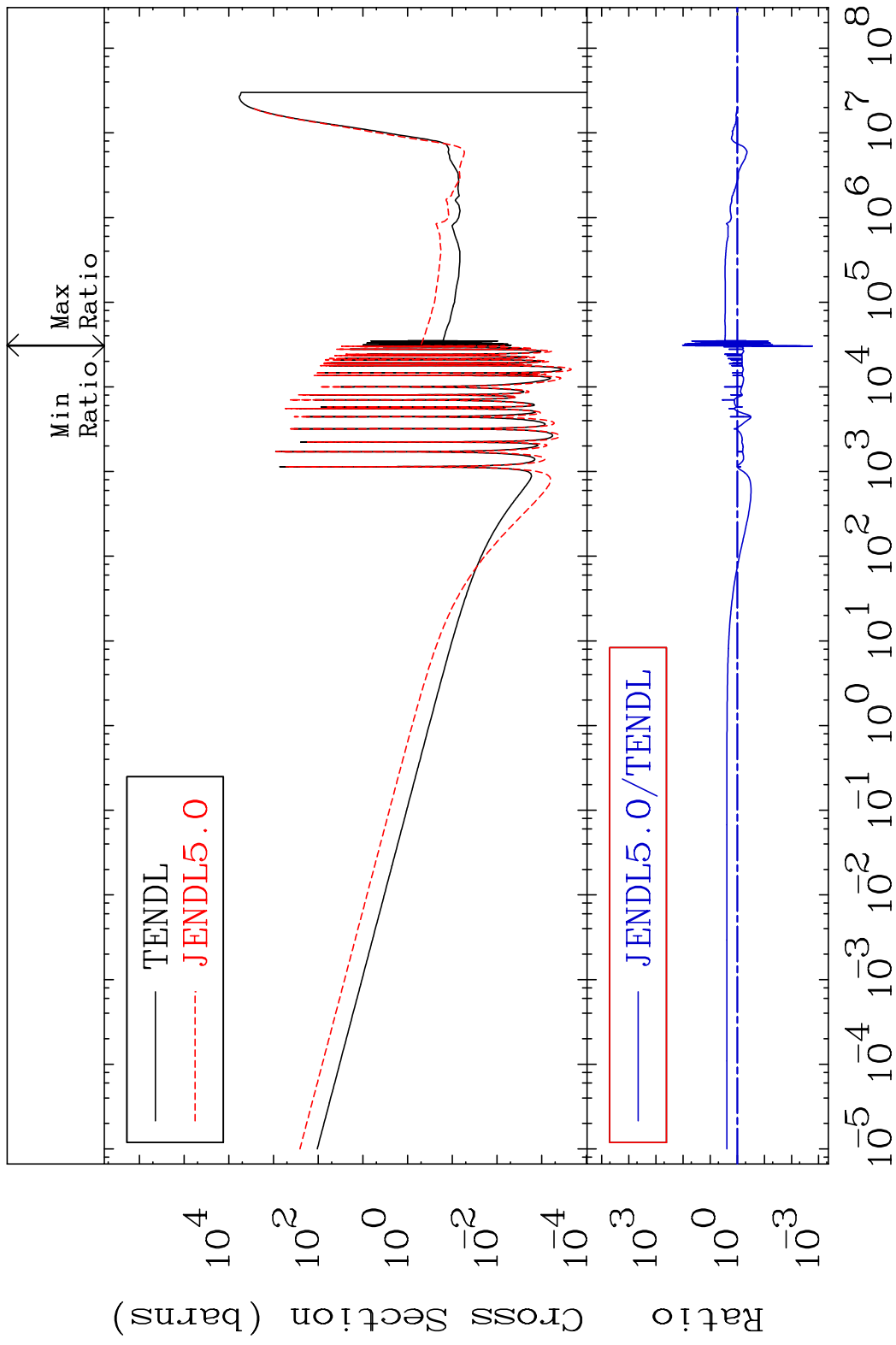
MAT 5255

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

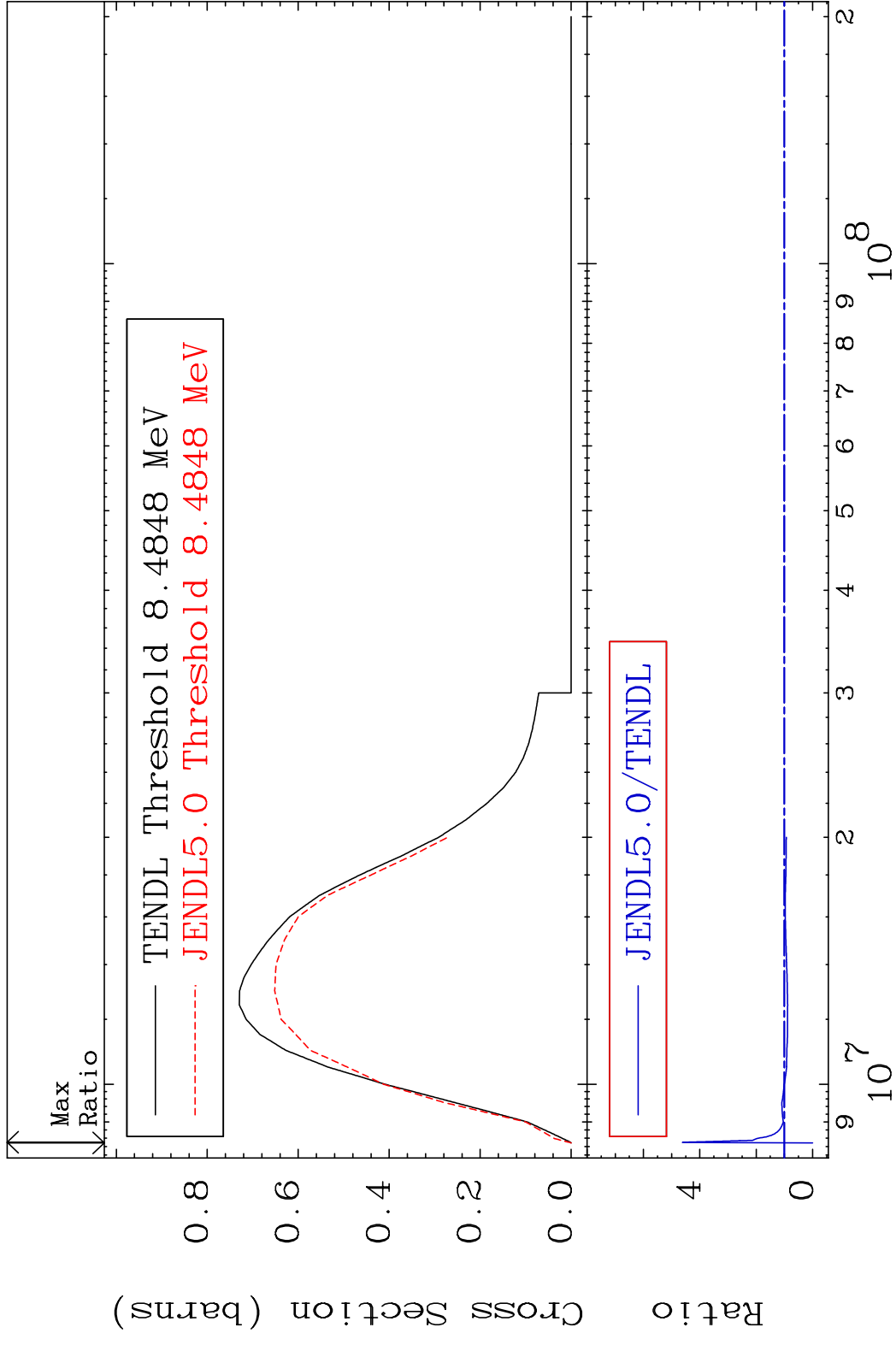
Cross Section -93.19 To 9999. %



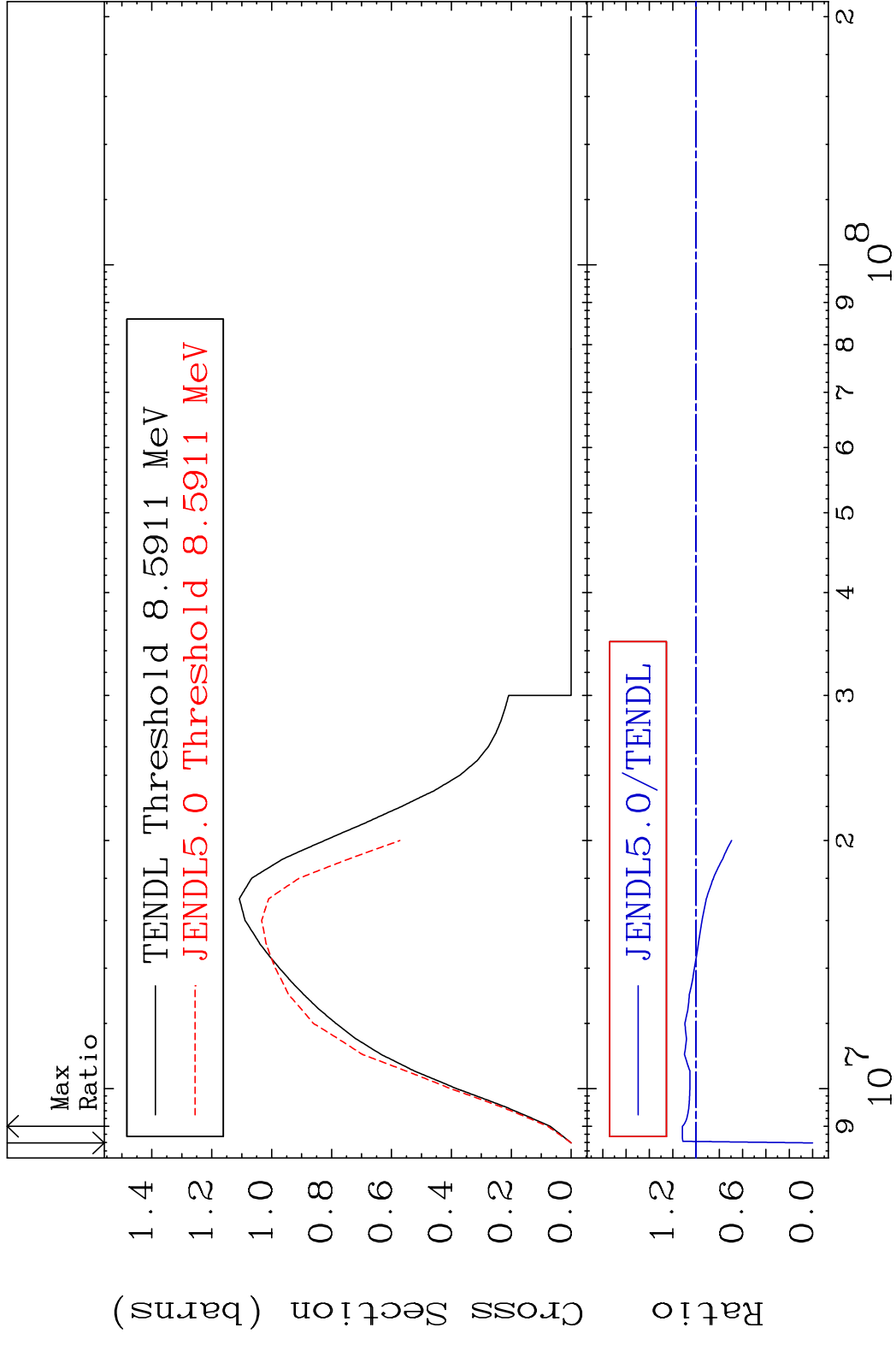
MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130
Cross Section -99.83 To 9999. %



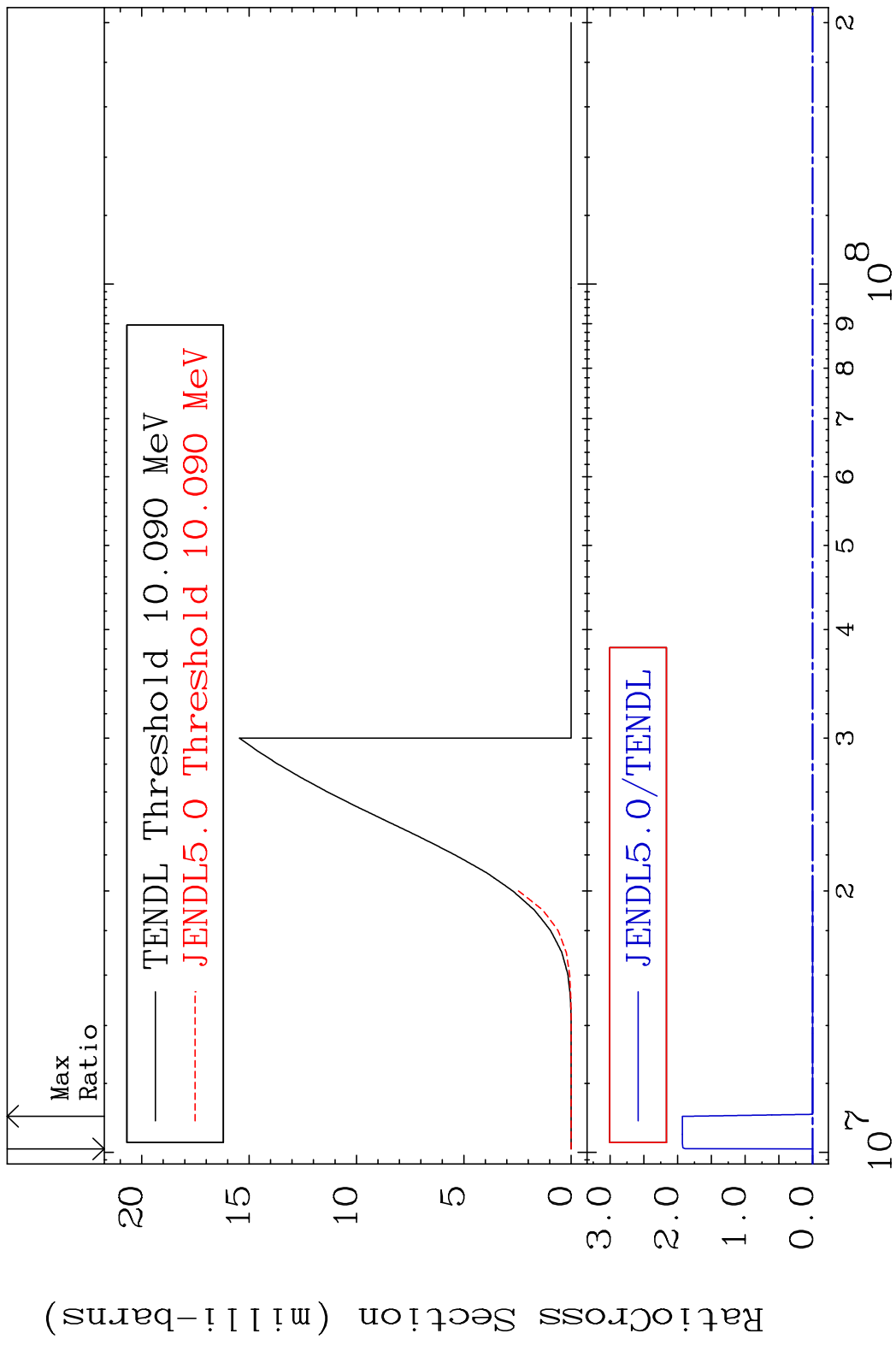
MAT 5255 (n,2n):52-Te-129g 52-Te-130
 Radionuclide Production Cross Section Ratio 361.9 %

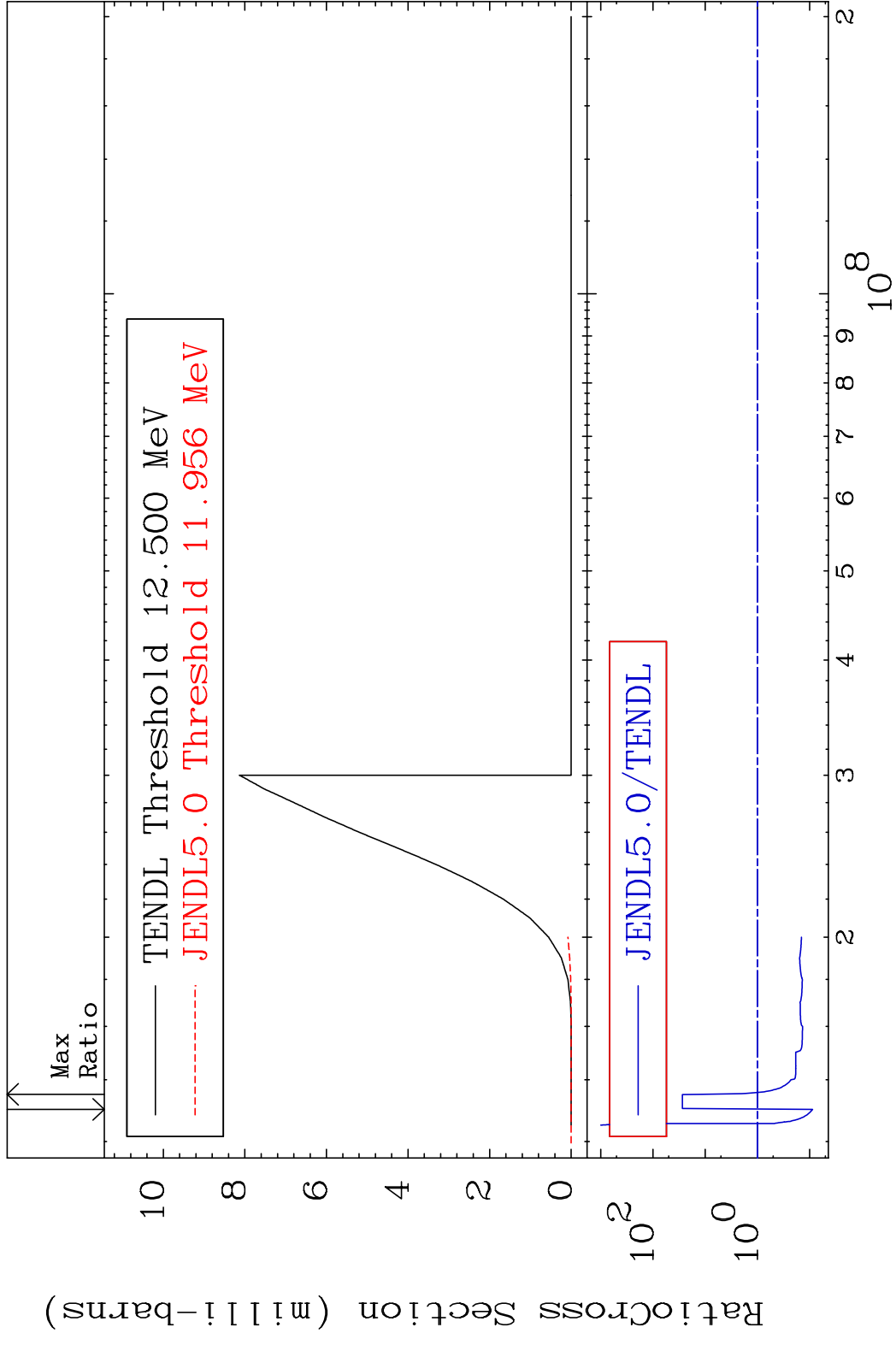


MAT 5255 (n,2n):52-Te-129m1 52-Te-130
 Radionuclide Production Cross Section Ratio 11.72 %

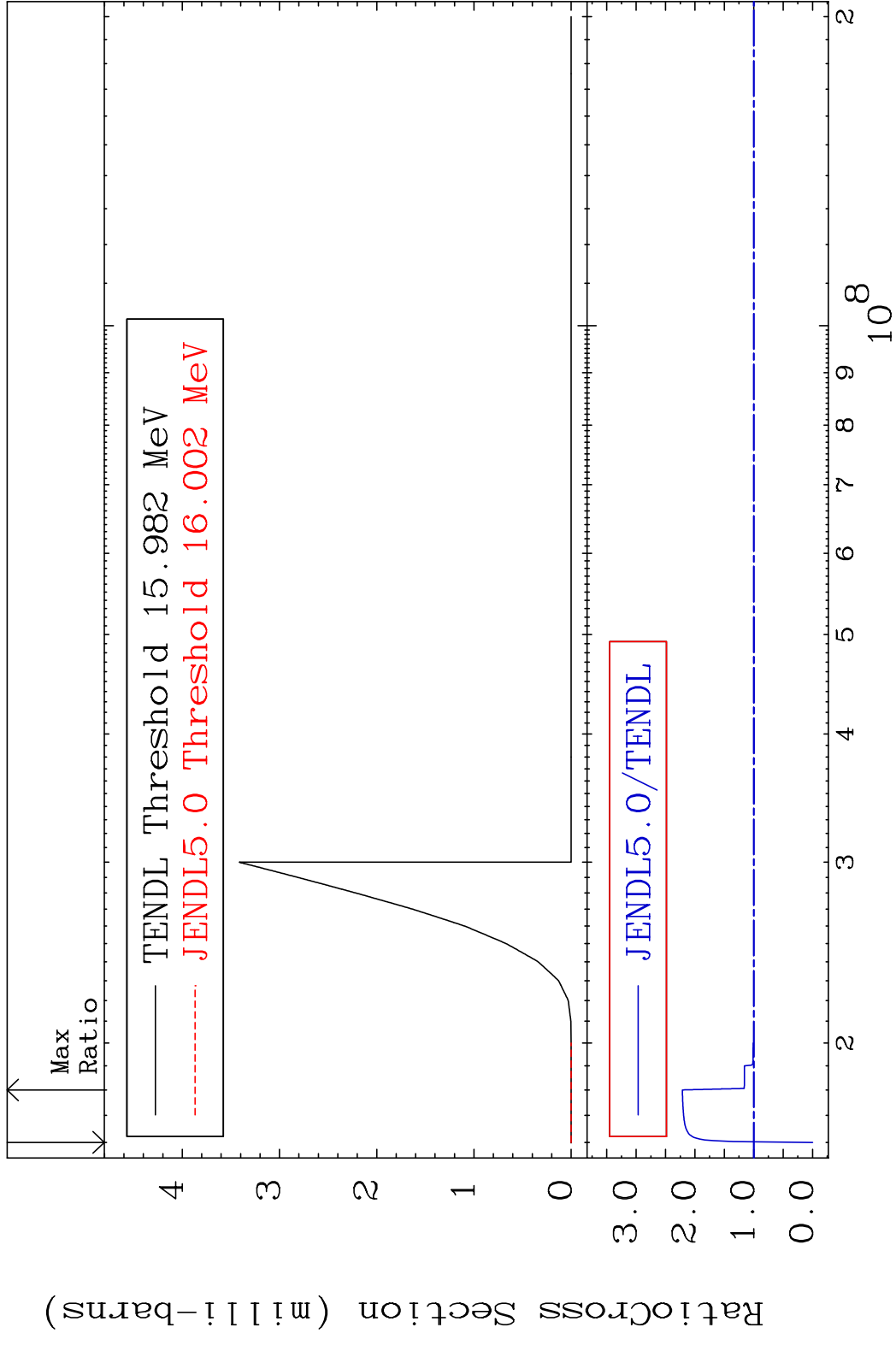


MAT 5255 (n, n') p:51-Sb-129g 52-Te-130
 Radionuclide Production Cross Section 100.00 dth 9999. %

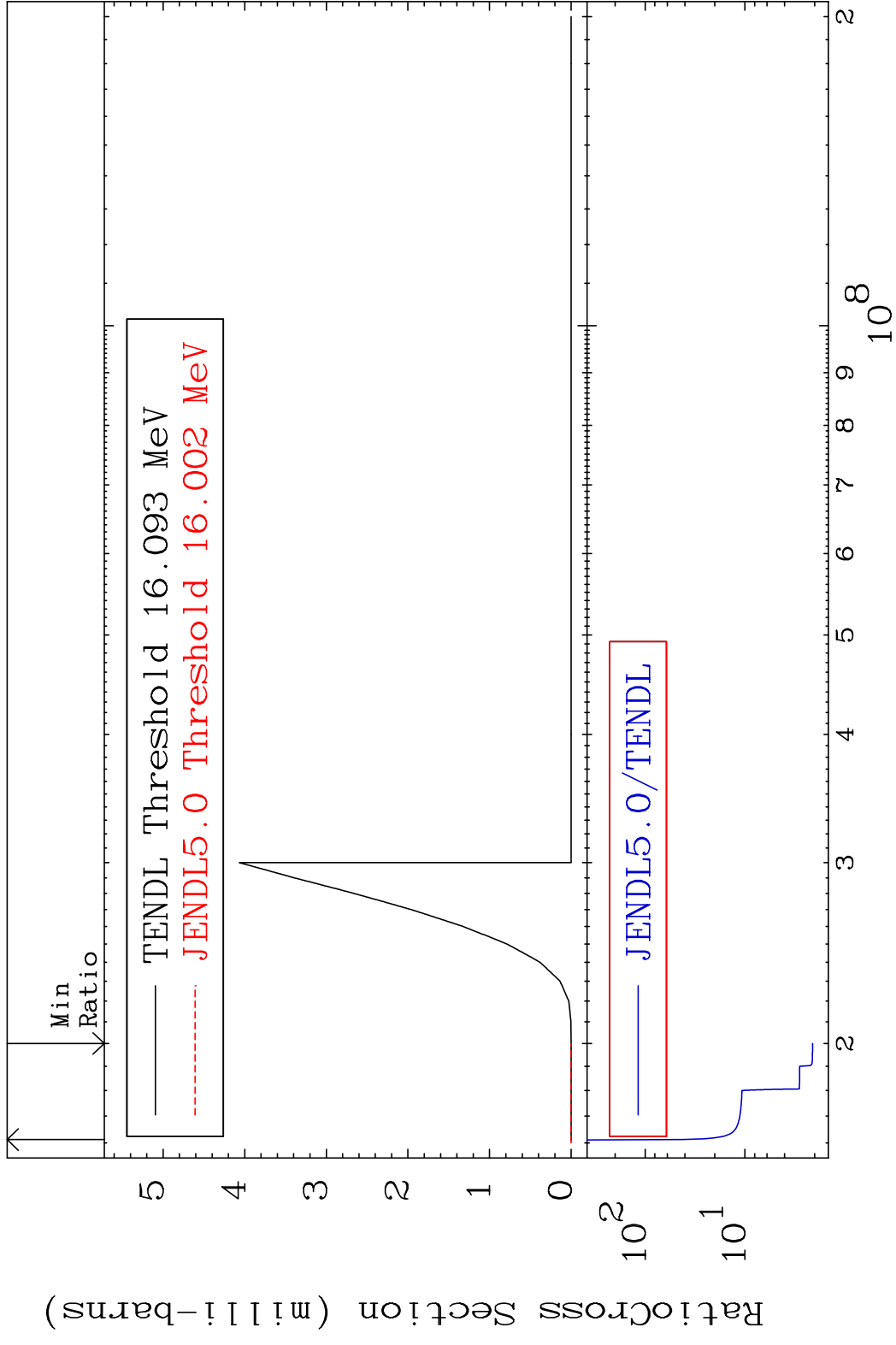




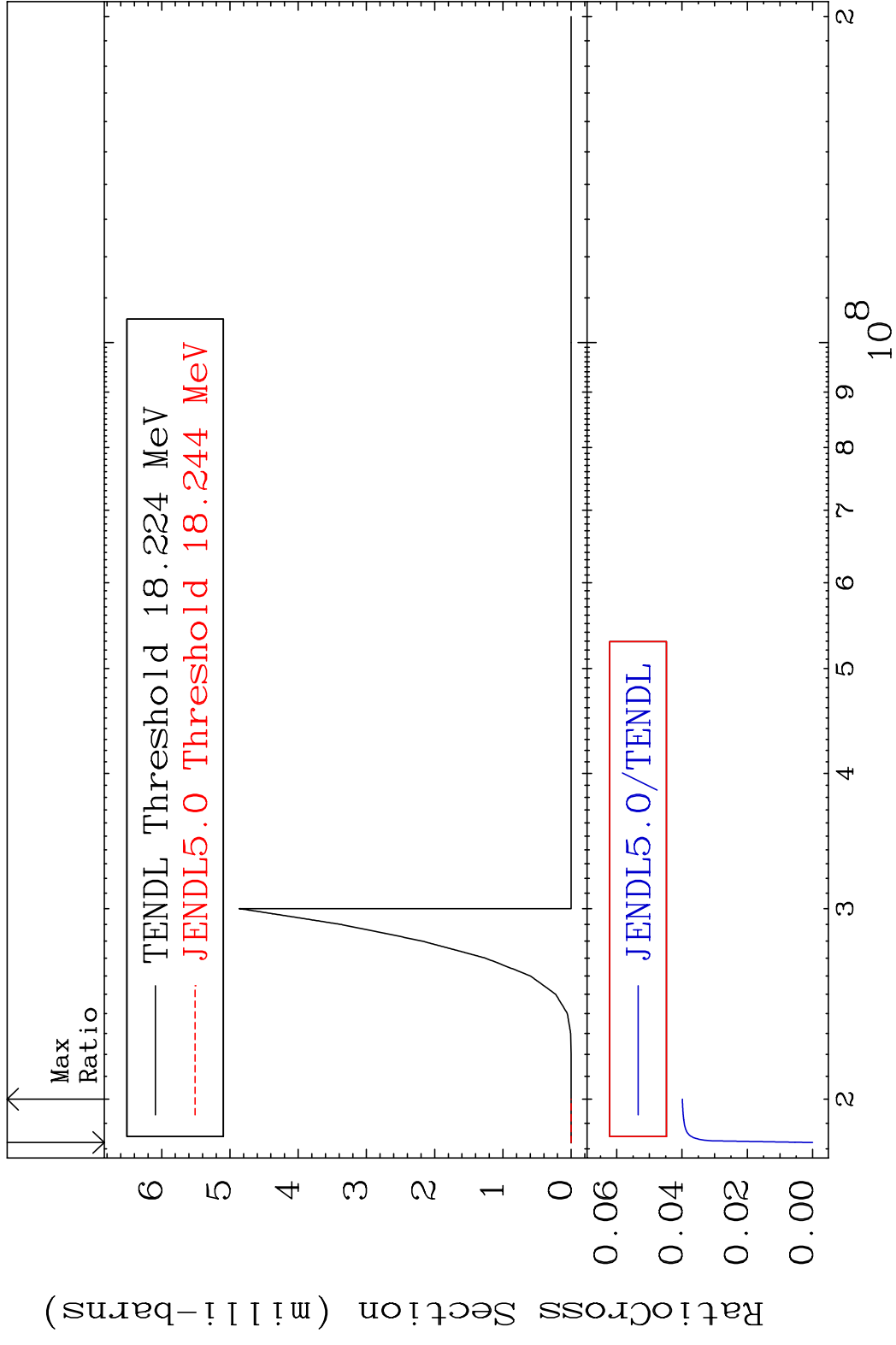
MAT 5255 (n, n') d:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 180.0 mb 121.4 %



MAT 5255 (n, n') d:51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section 4135. %

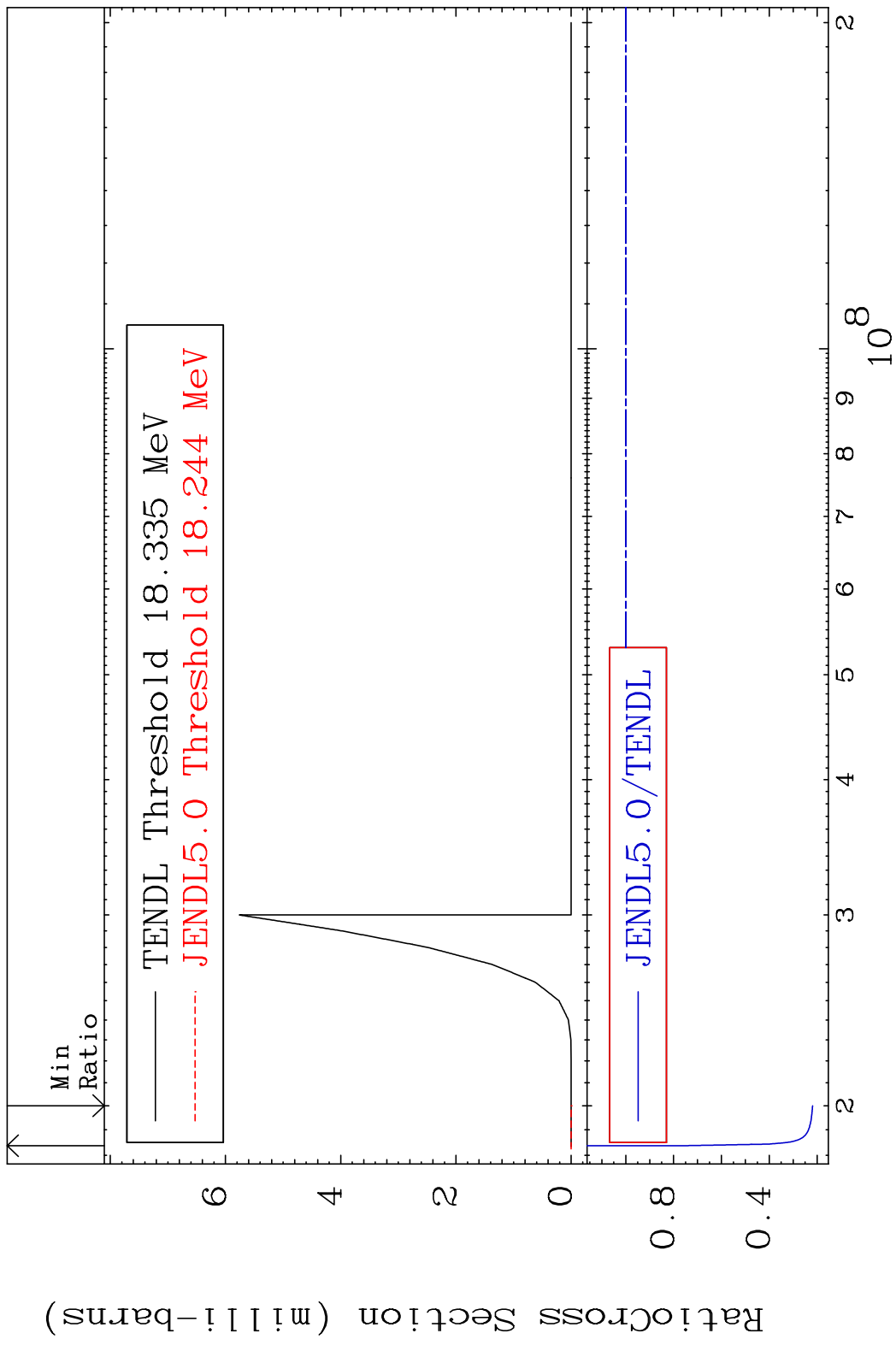


MAT 5255 (n,2n) p:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section Ratio

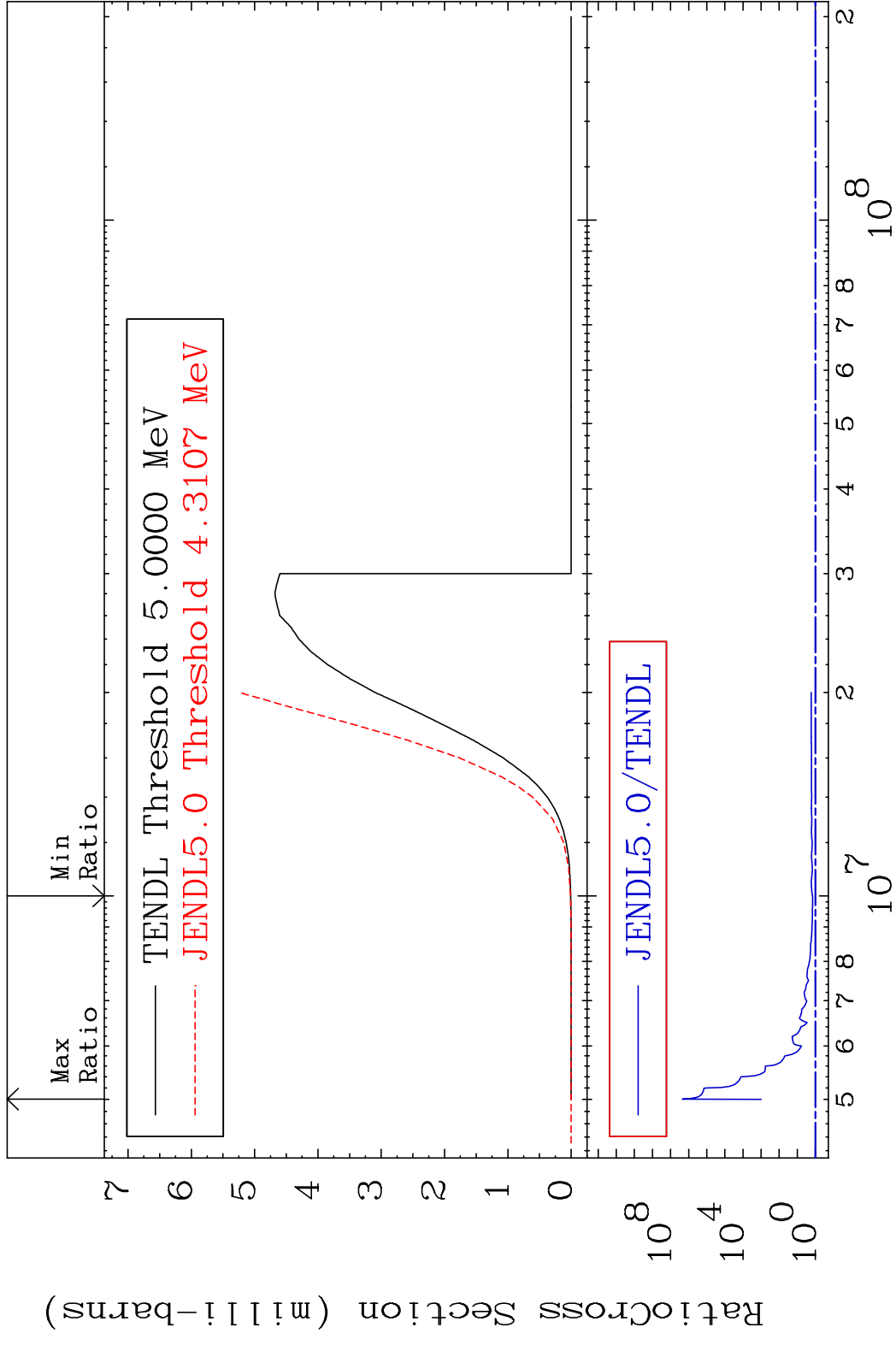


70 Incident Energy (eV) 52-Te-130

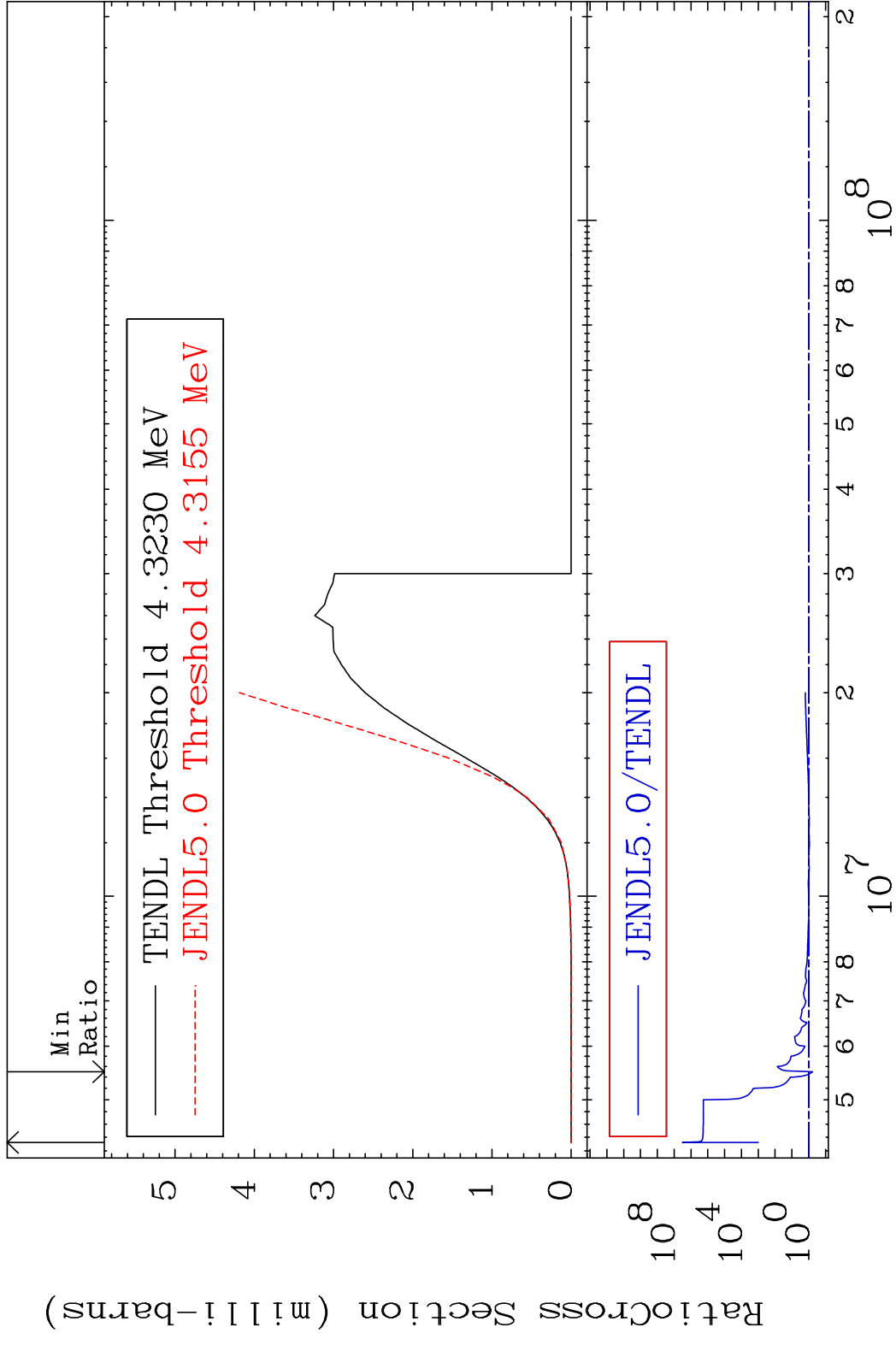
MAT 5255 (n,2n) p:51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section Ratio -23.67%



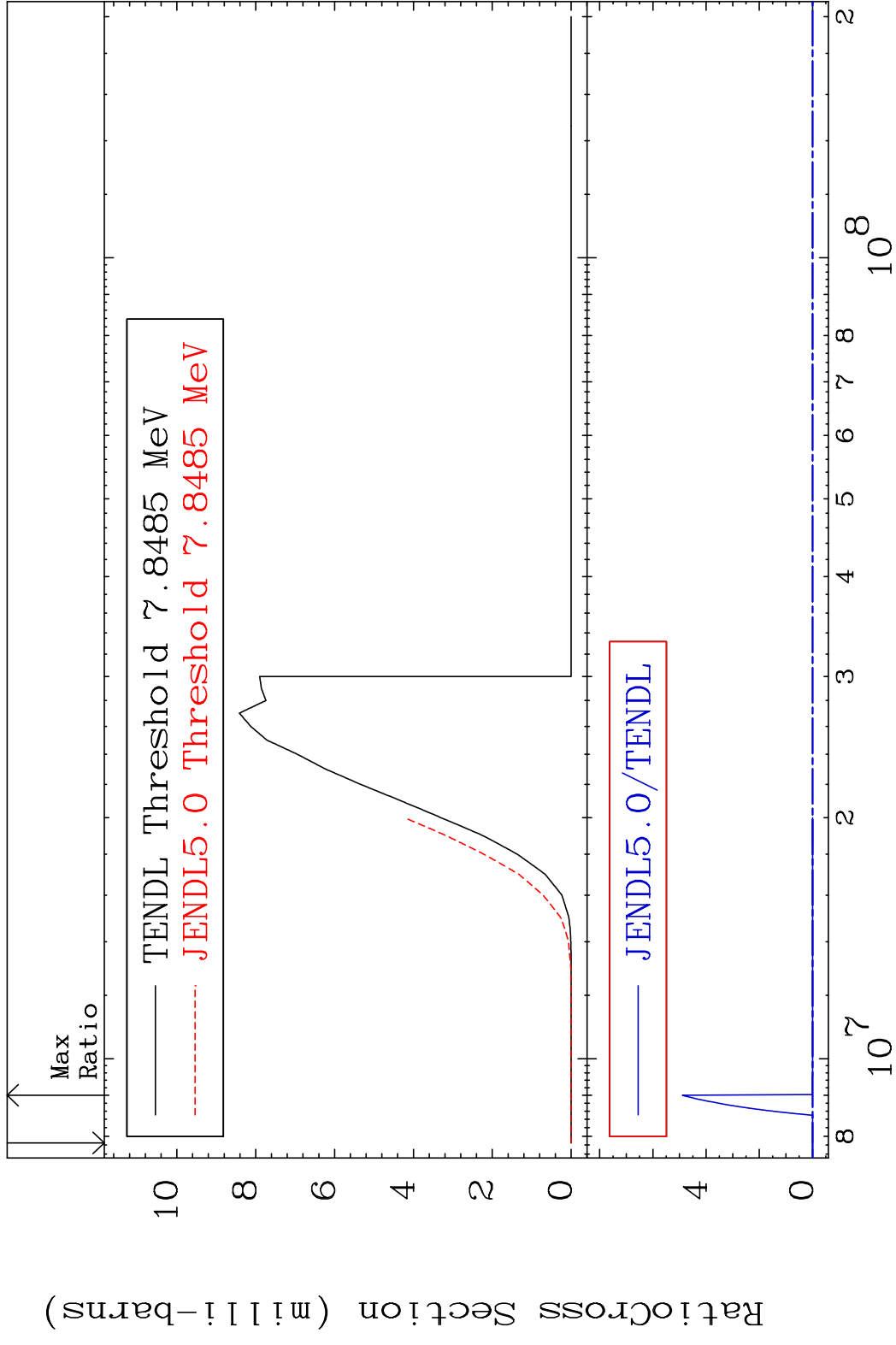
MAT 5255 (n,p):51-Sb-130g 52-Te-130
 Radionuclide Production Cross Section 9999. %

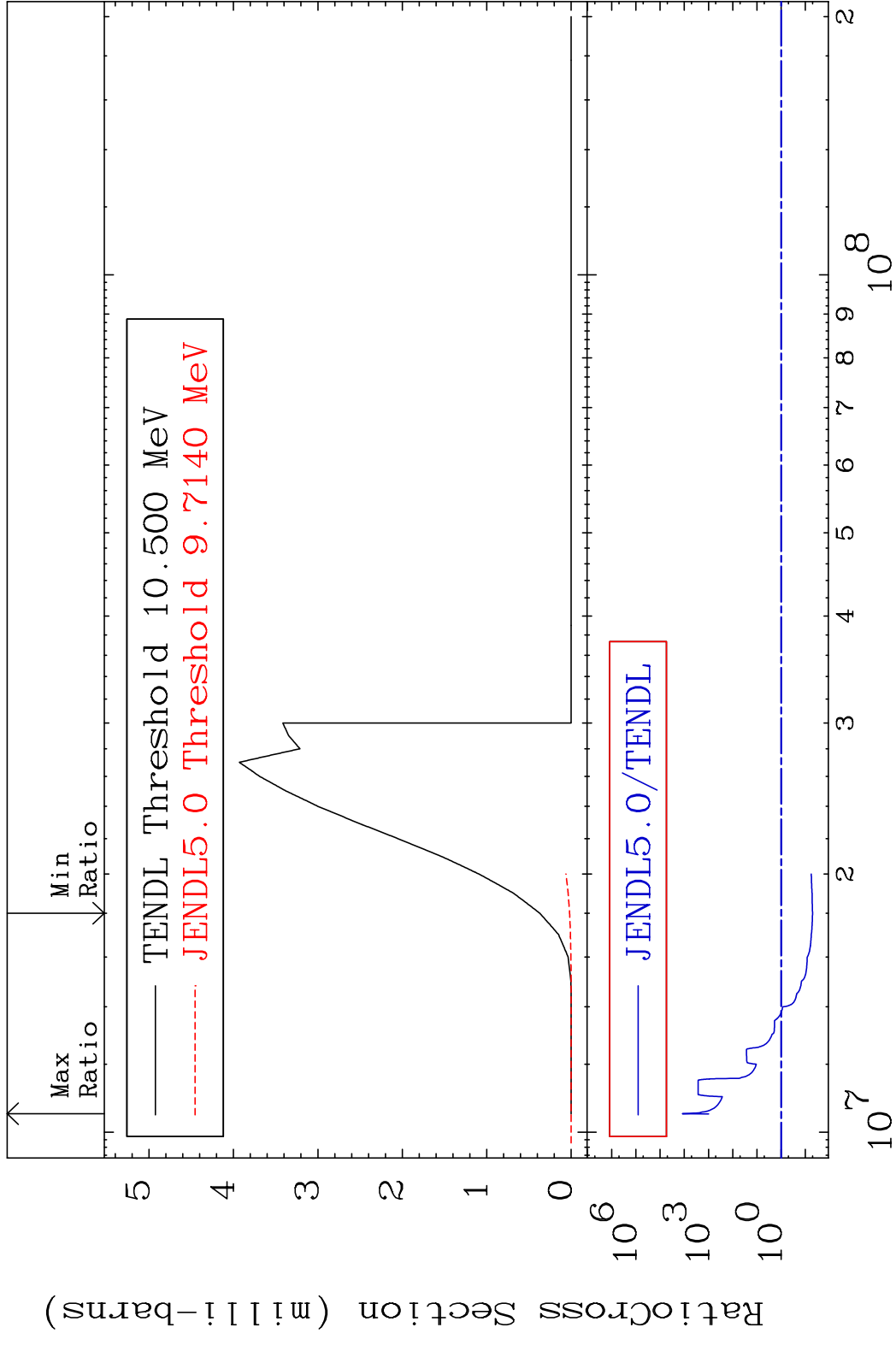


MAT 5255 (n,p):51-Sb-130m1 52-Te-130
 Radionuclide Production Cross Section 4.3155 MeV 9999. %

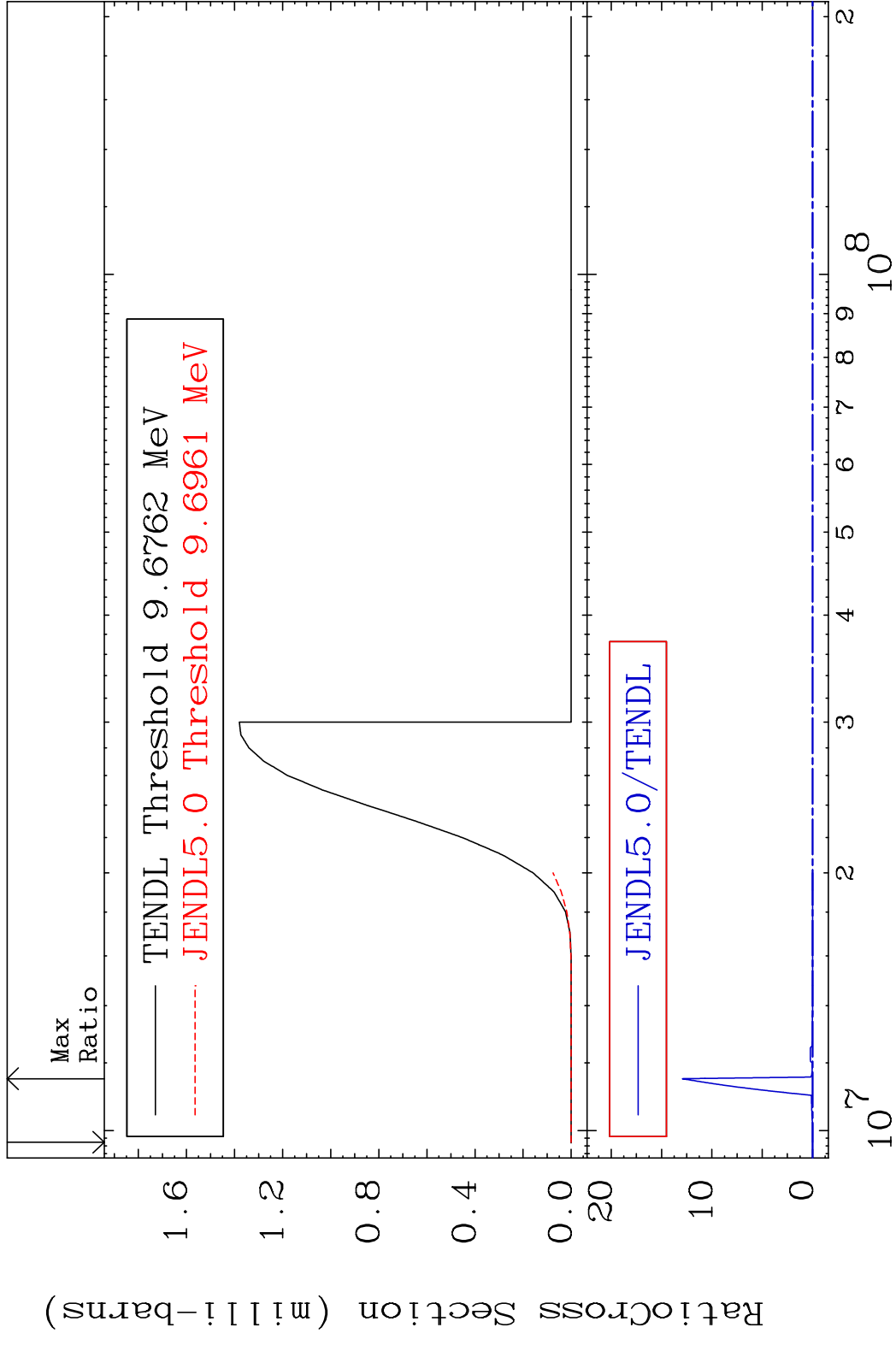


MAT 5255 (n, d):51-Sb-129g 52-Te-130
 Radionuclide Production Cross Section (%)



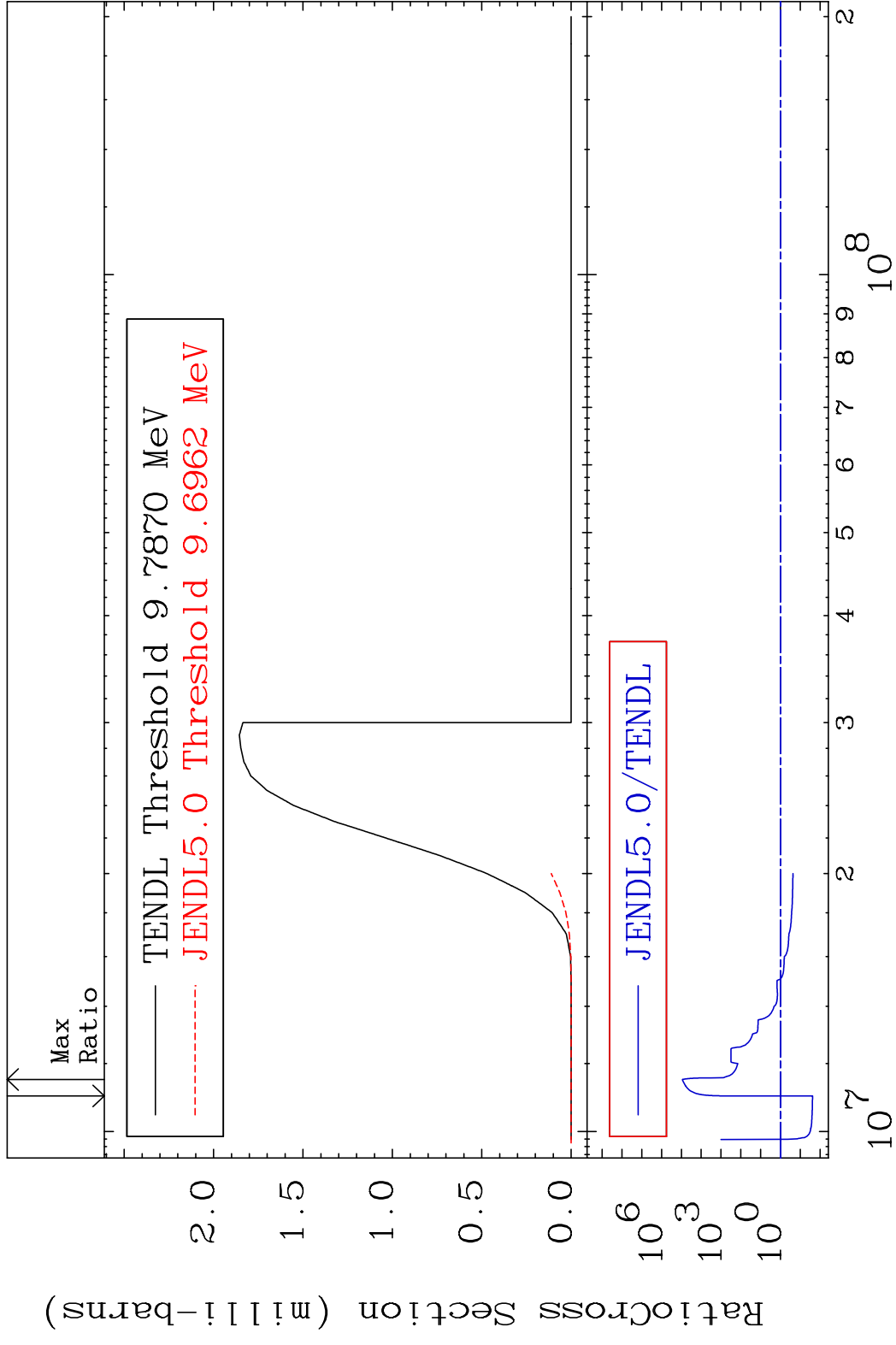


MAT 5255 (n, t):51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 100.00 dth 9999. %



76 Incident Energy (eV) 52-Te-130

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



77 Incident Energy (eV) 52-Te-130

MAT 5255 (n, He-3):50-Sn-128g 52-Te-130
 Radionuclide Production Cross Section Ratio 9505. %

