

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

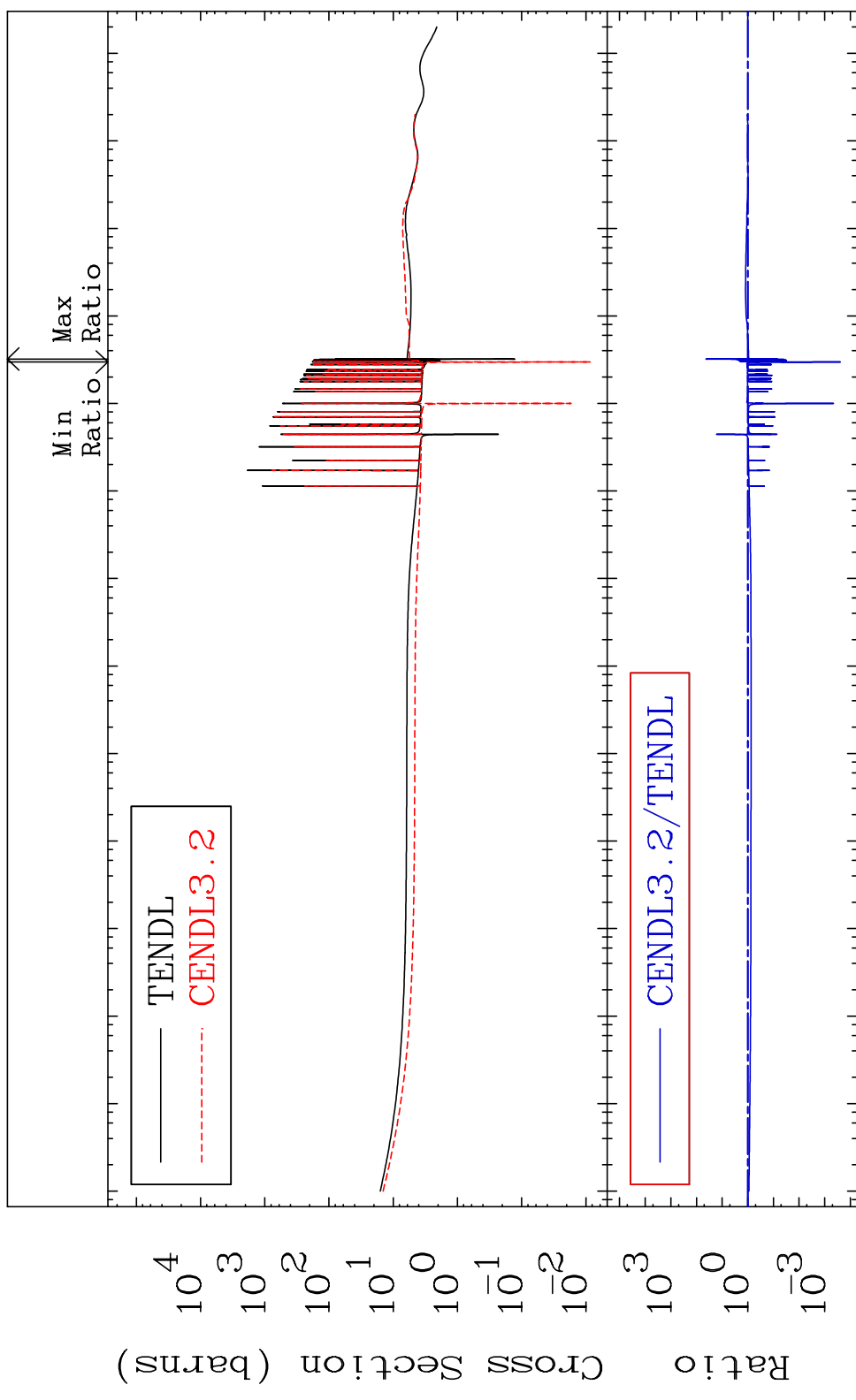
MAT 5255

Total

52-Te-130

Cross Section

-99.98 To 4252. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

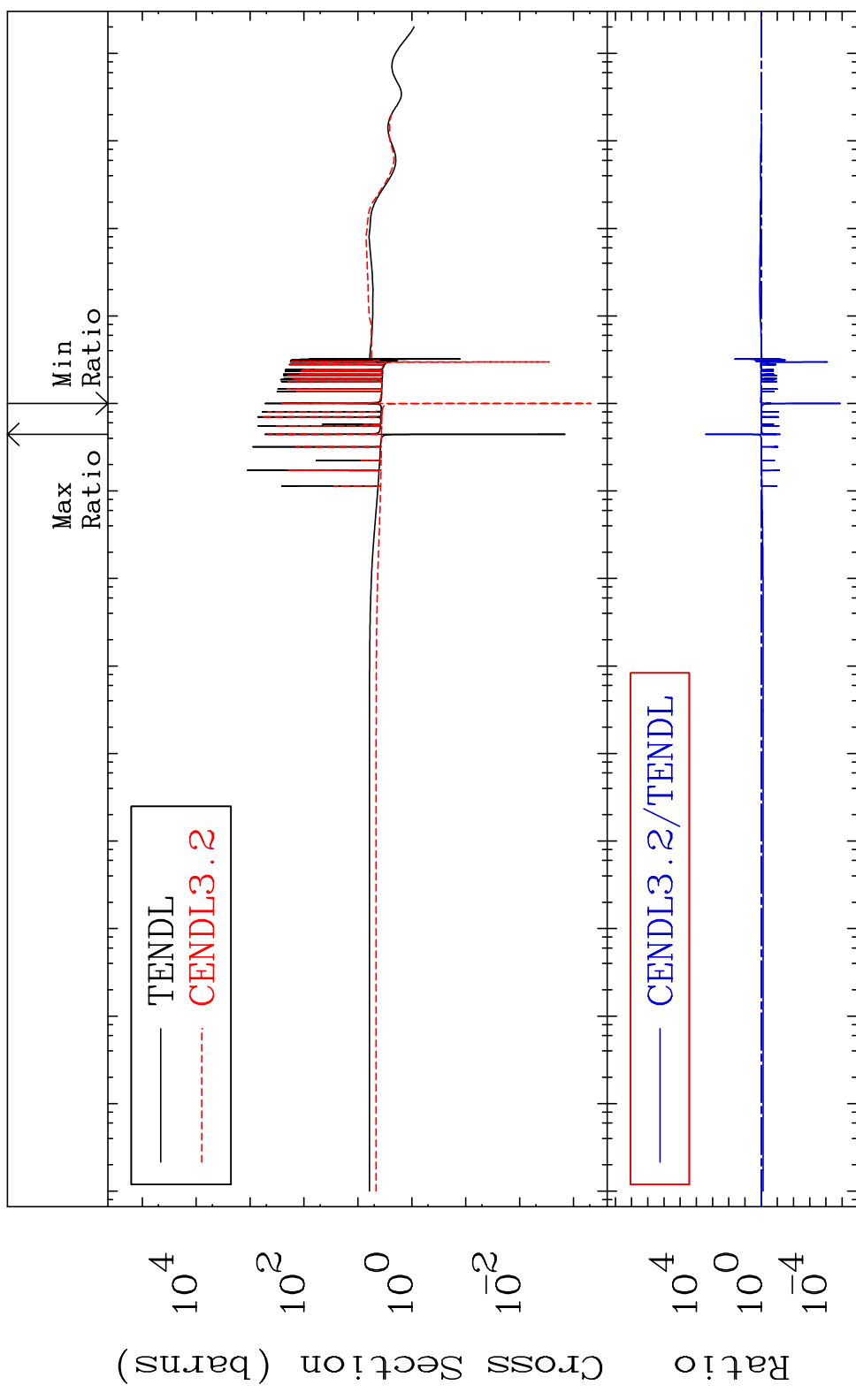
52-Te-130

MAT 5255

52-Te-130

Elastic

Cross Section -100.0 To 9999. %

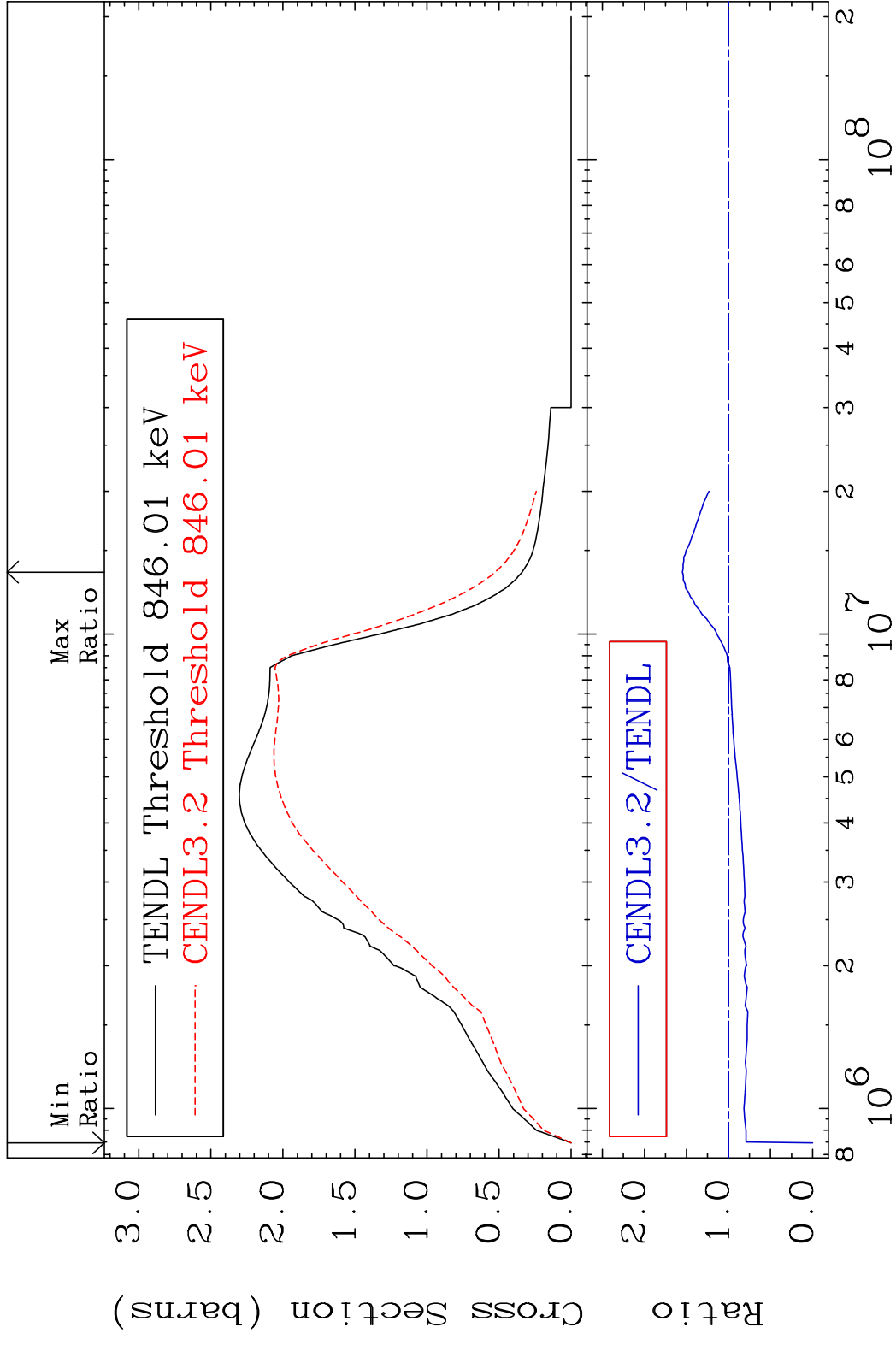


2

Incident Energy (eV)

52-Te-130

MAT 5255 Inelastic 52-Te-130
 Cross Section -100.0 To 54.88 %



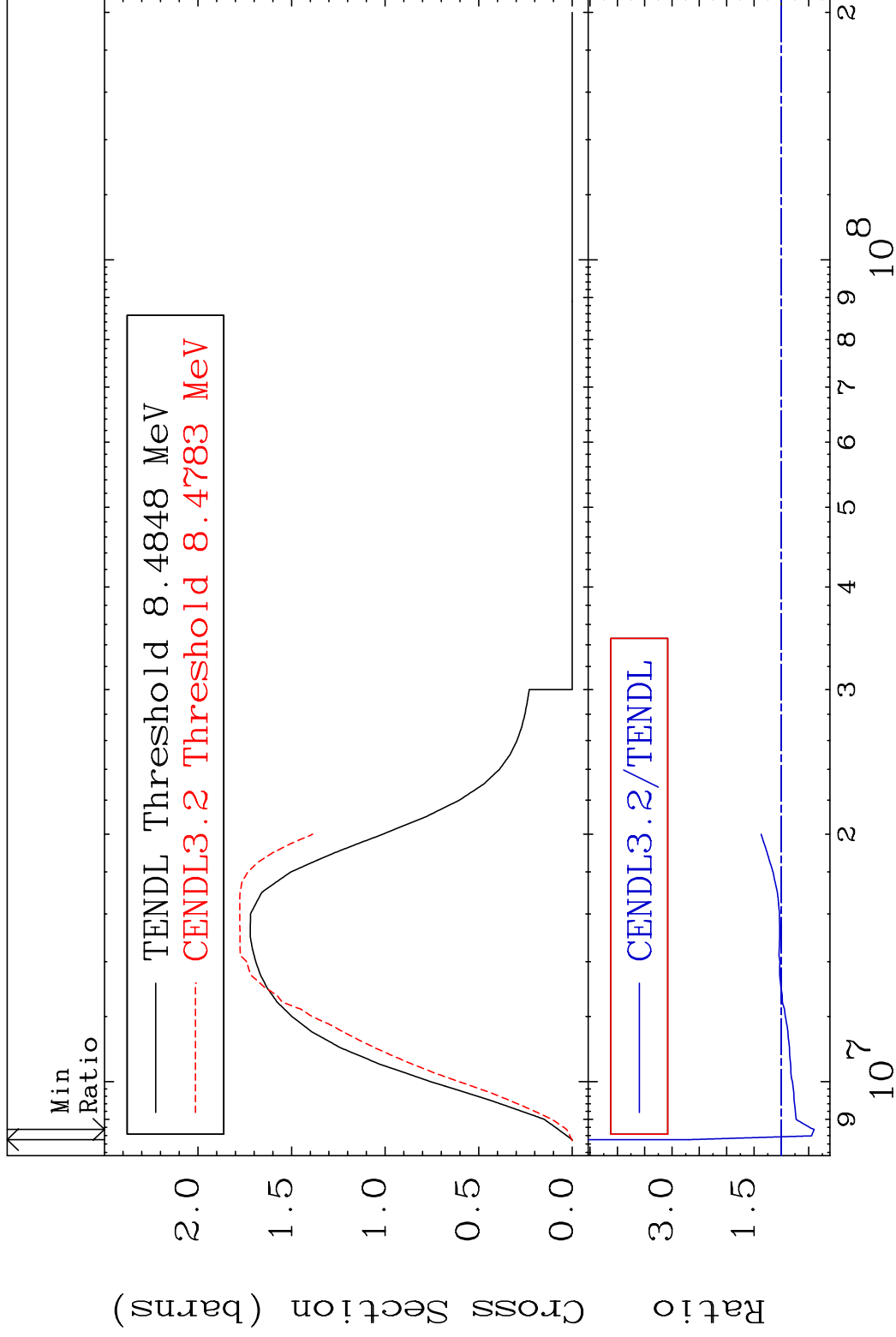
3 8 10⁶ 2 3 4 5 6 8 10⁷ 8 10⁸ 2 52-Te-130

MAT 5255

(n,2n)

52-Te-130

Cross Section -59.94 To 178.7 %



4

Incident Energy (eV)

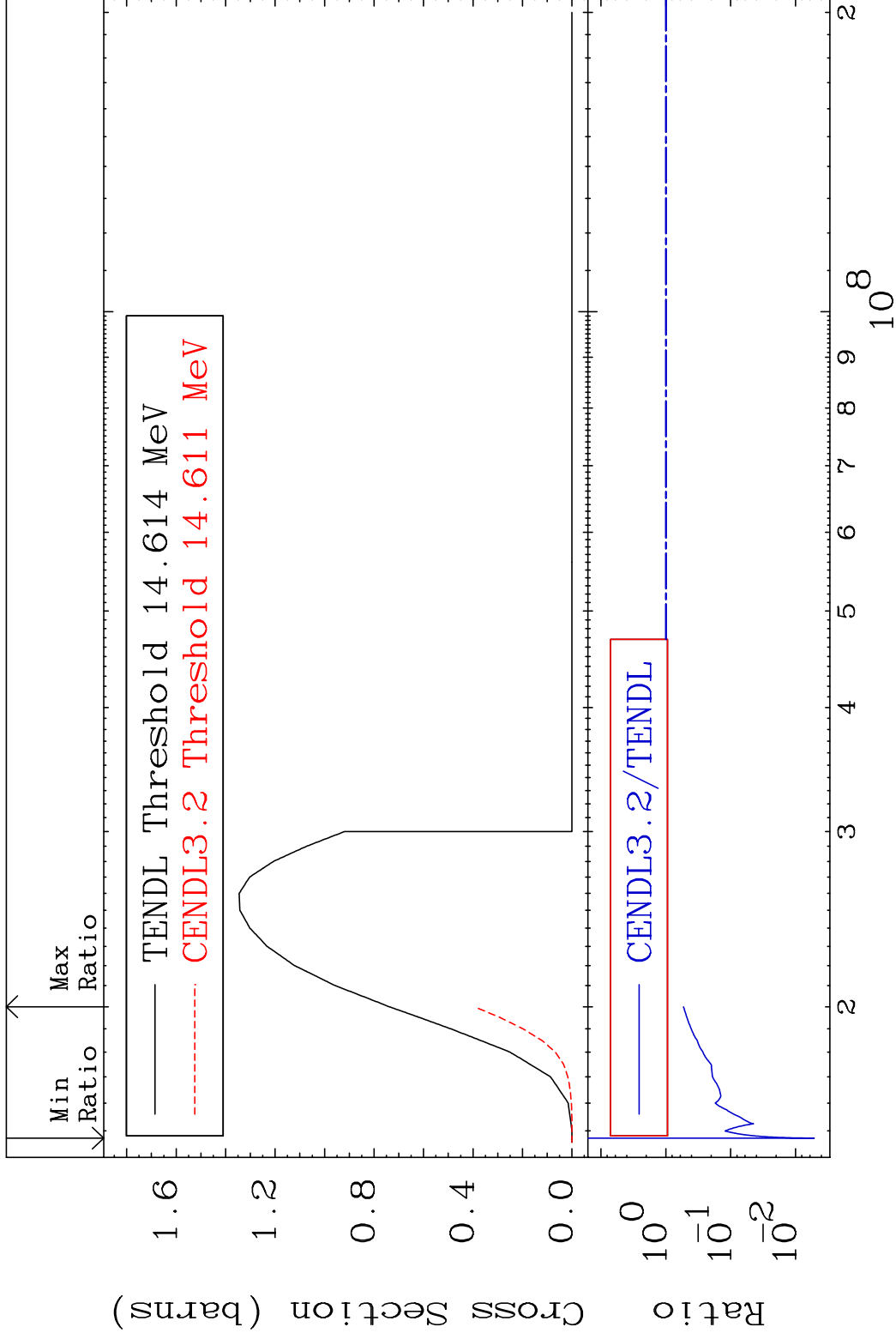
52-Te-130

MAT 5255

(n,3n)

52-Te-130

Cross Section -99.48 To -46.59%

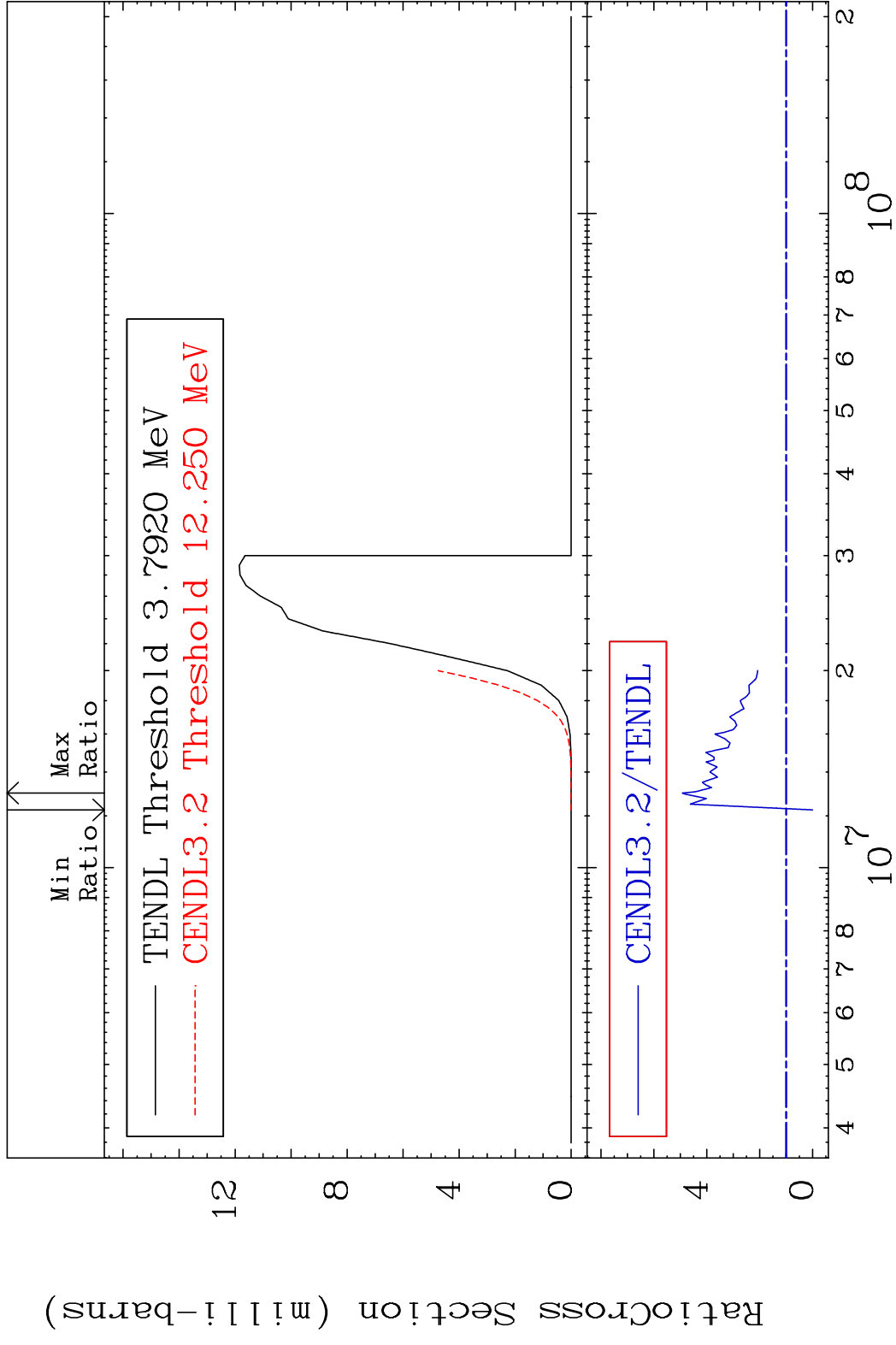


5

Incident Energy (eV)

52-Te-130

MAT 5255 (n, n') α 52-Te-130
 Cross Section -100.0 To 392.3 %



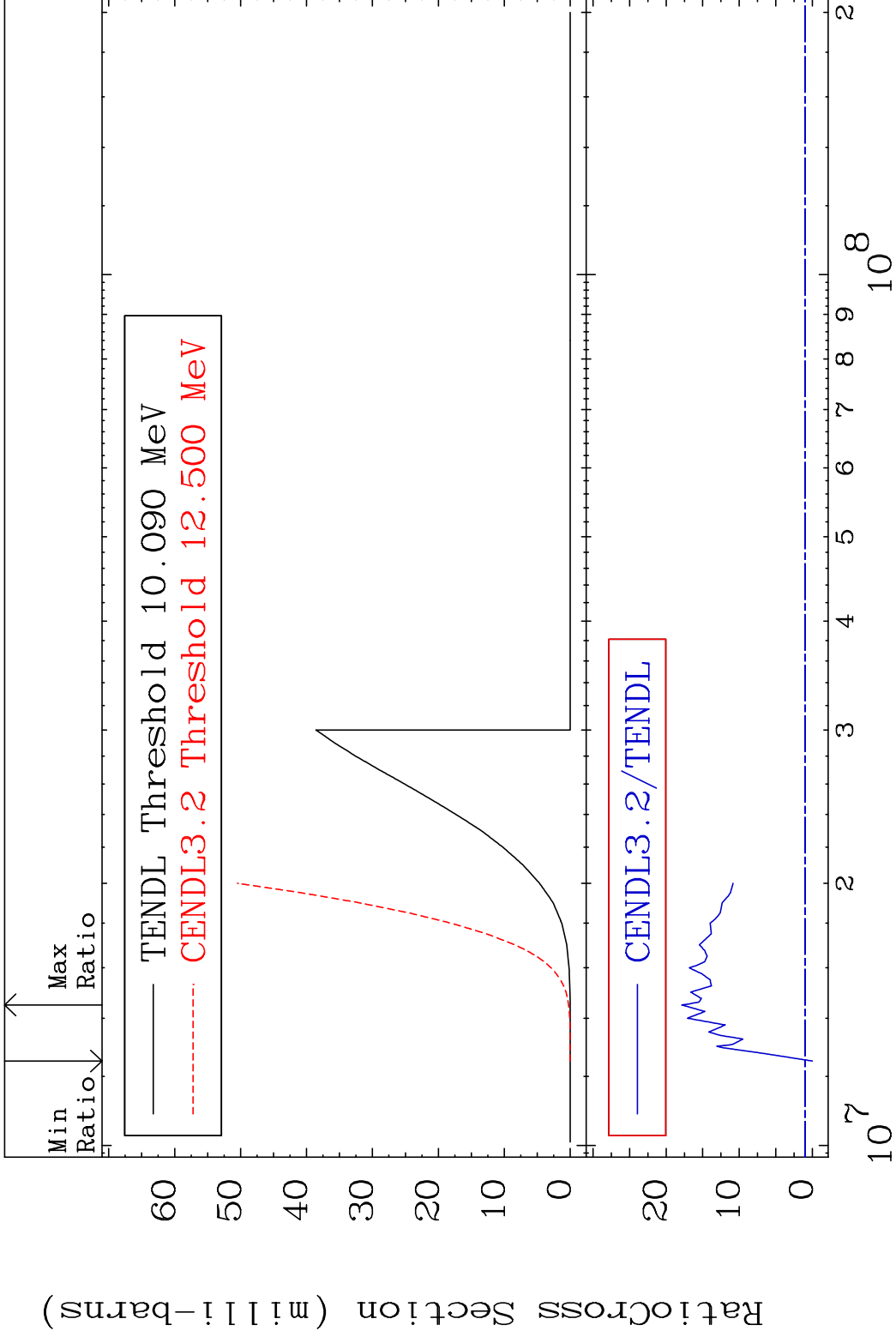
6 Incident Energy (eV) 52-Te-130

MAT 5255

(n, n') p

52-Te-130

Cross Section -100.0 To 1687. %

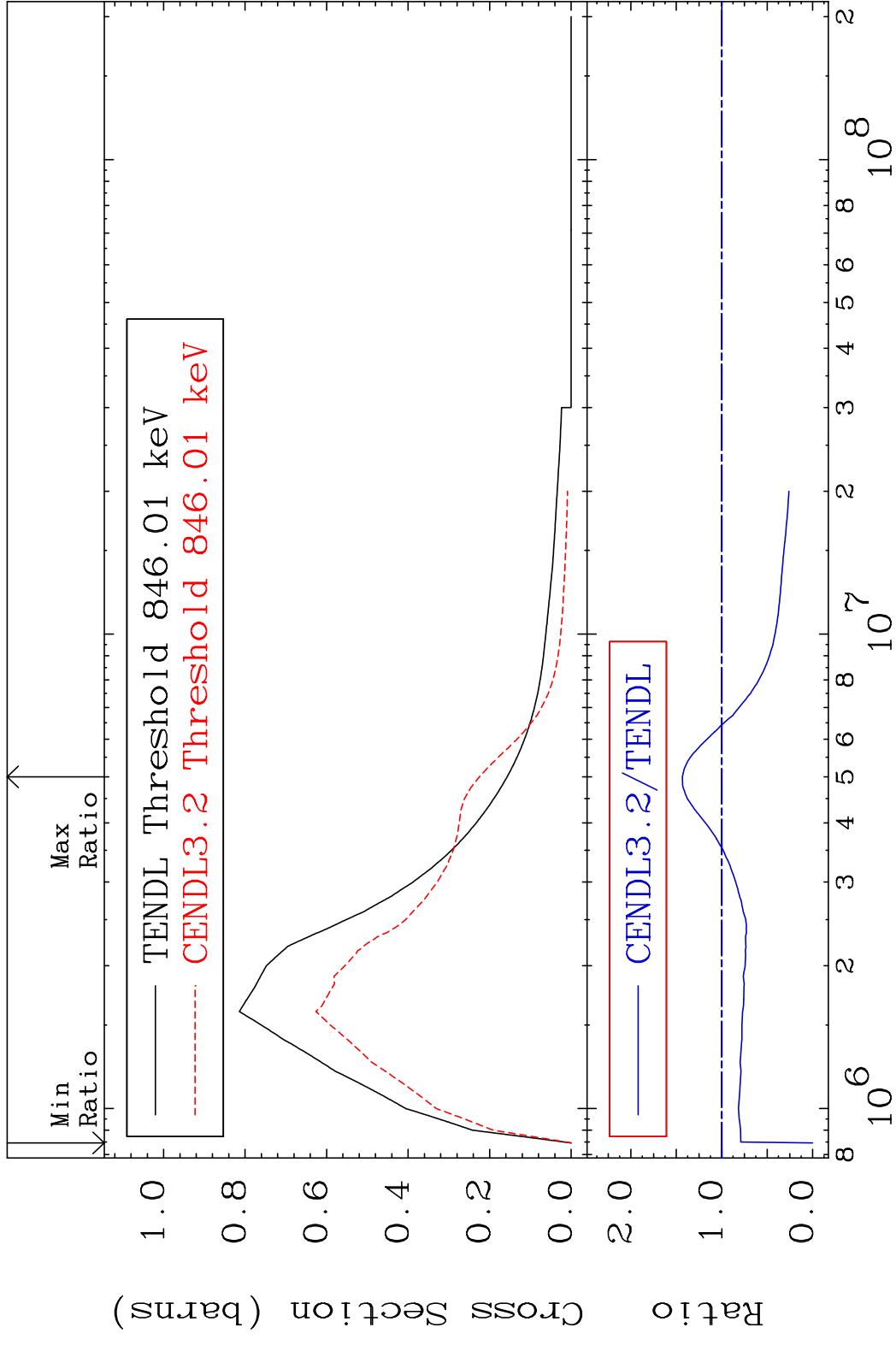


7

Incident Energy (eV)

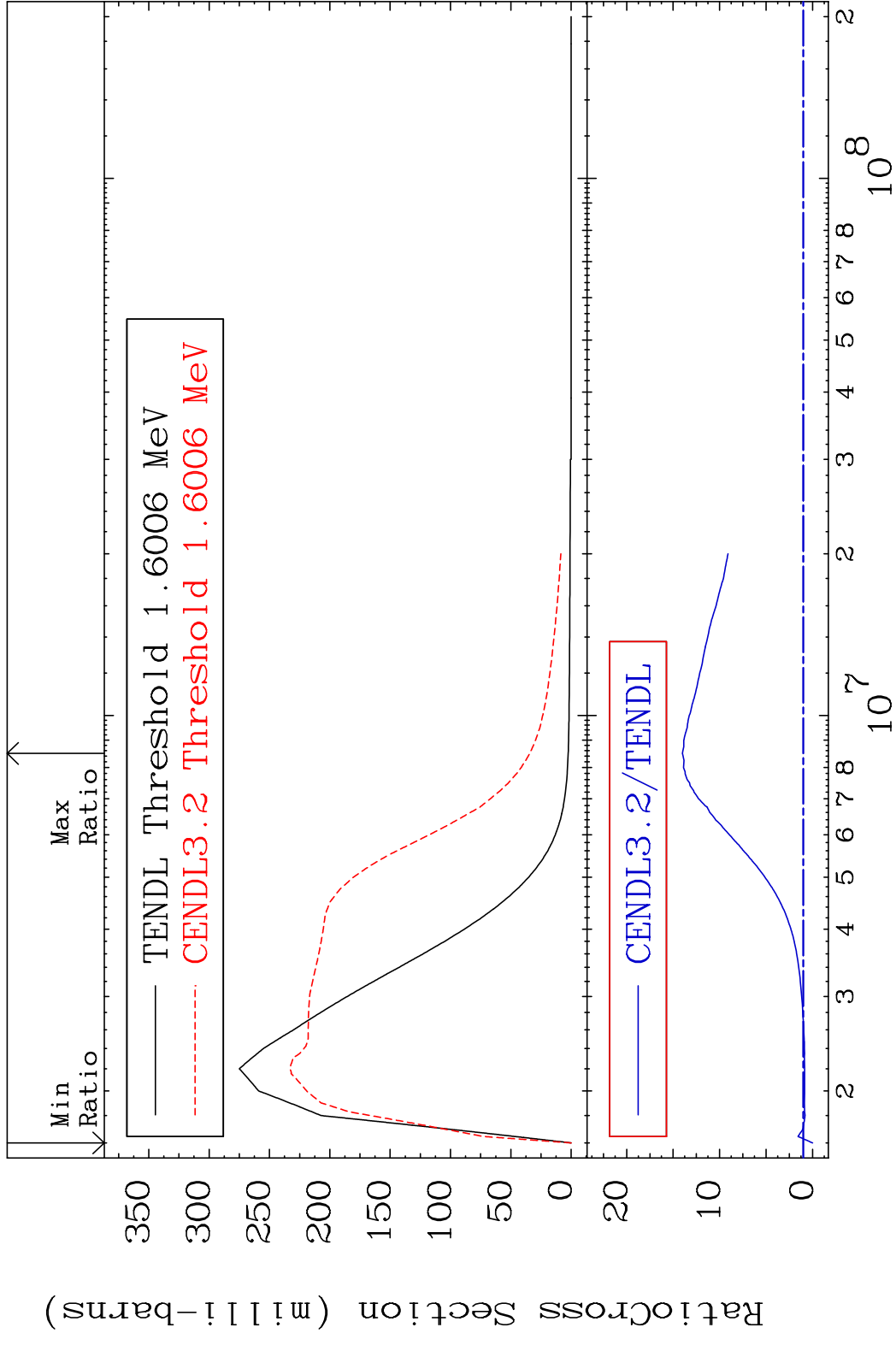
52-Te-130

MAT 5255 MT= 51 (n, n') Level 52-Te-130
 Cross Section -100.0 To 43.36 %

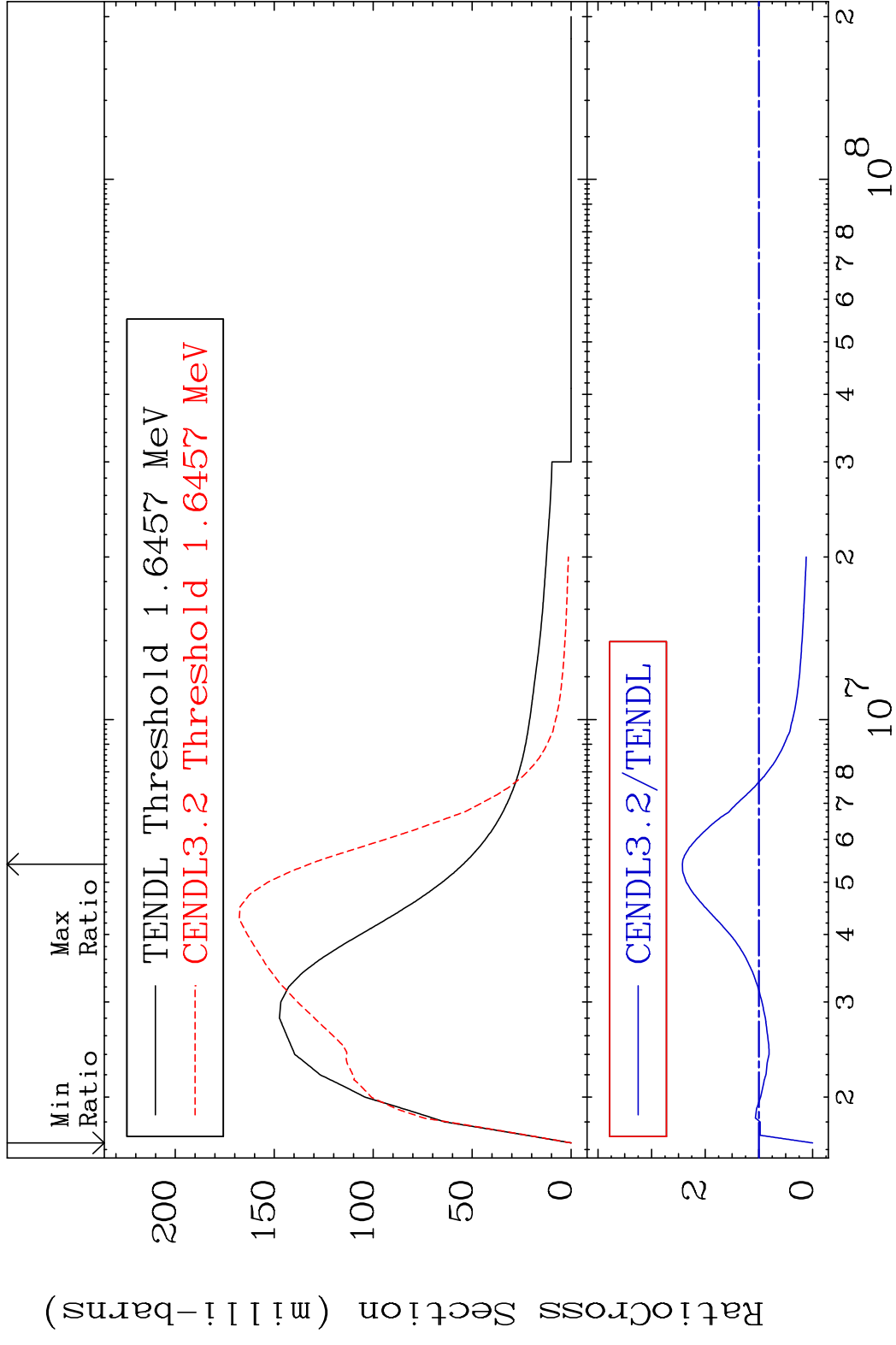


8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2 52-Te-130

MAT 5255 MT= 52 (n,n') Level 52-Te-130
 Cross Section -100.0 To 1301. %

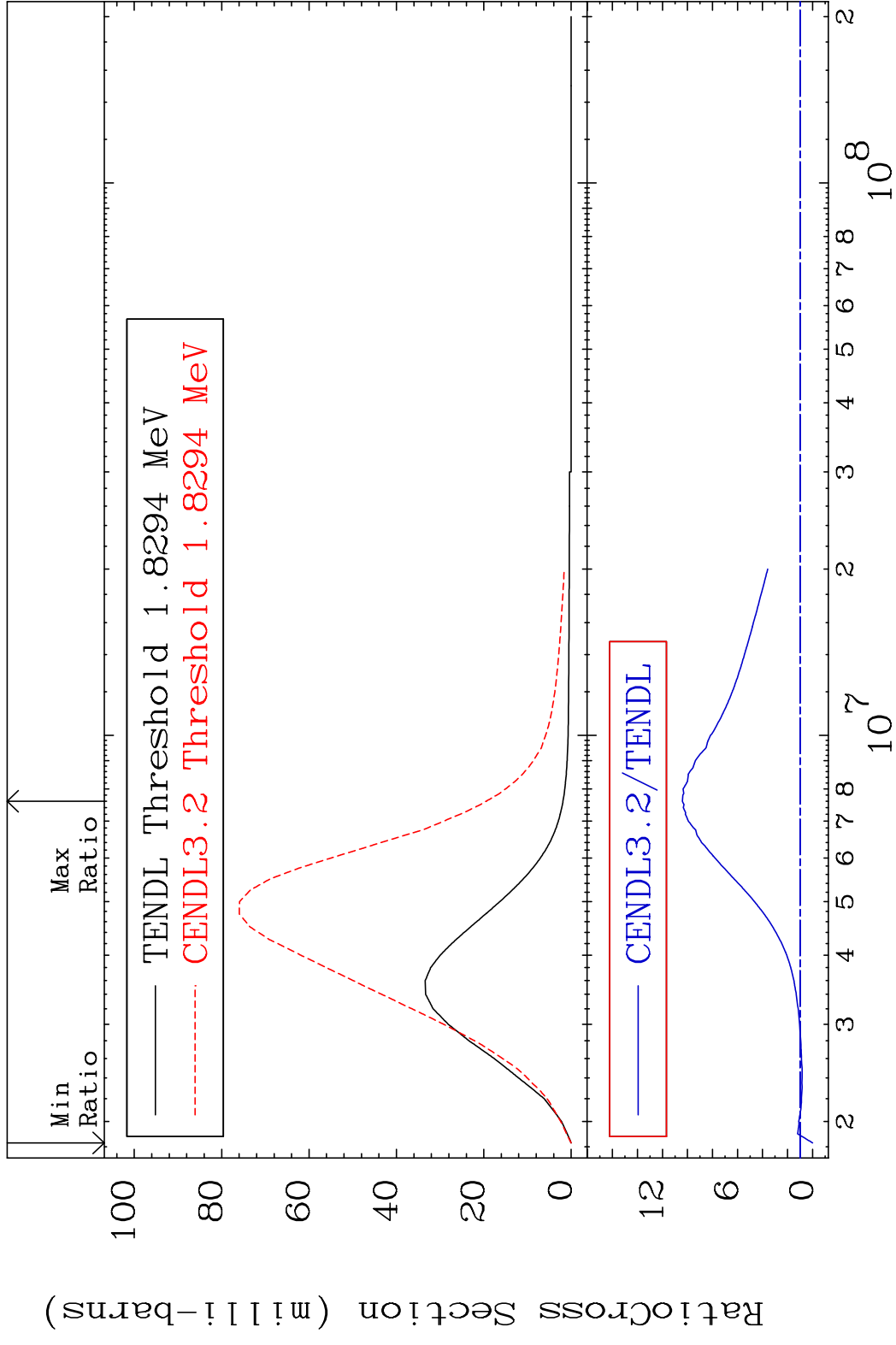


MAT 5255 MT= 53 (n, n') Level 52-Te-130
 Cross Section -100.0 To 142.7 %

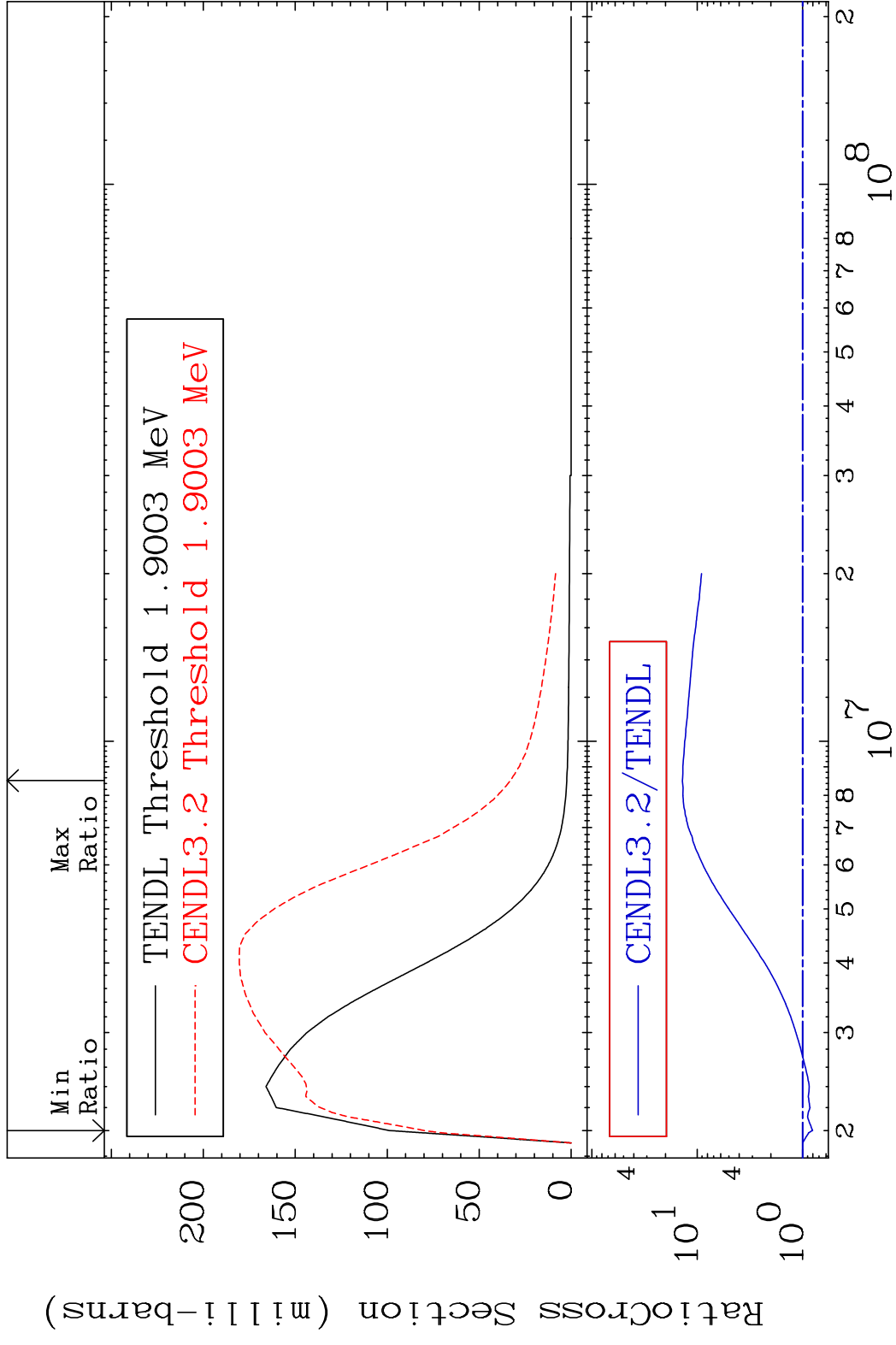


10 Incident Energy (eV) 52-Te-130

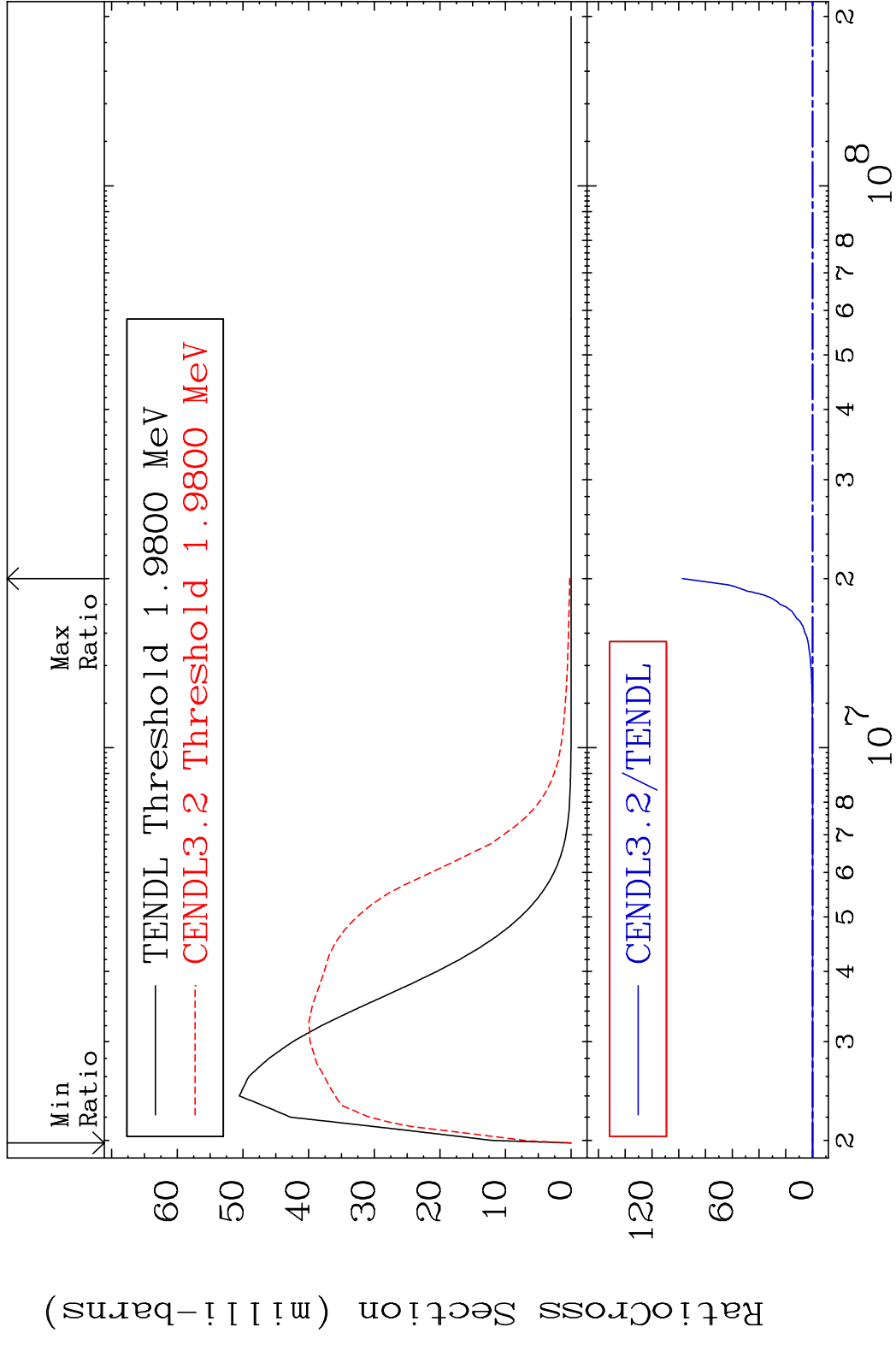
MAT 5255 MT= 54 (n, n') Level 52-Te-130
 Cross Section -100.0 To 941.0 %



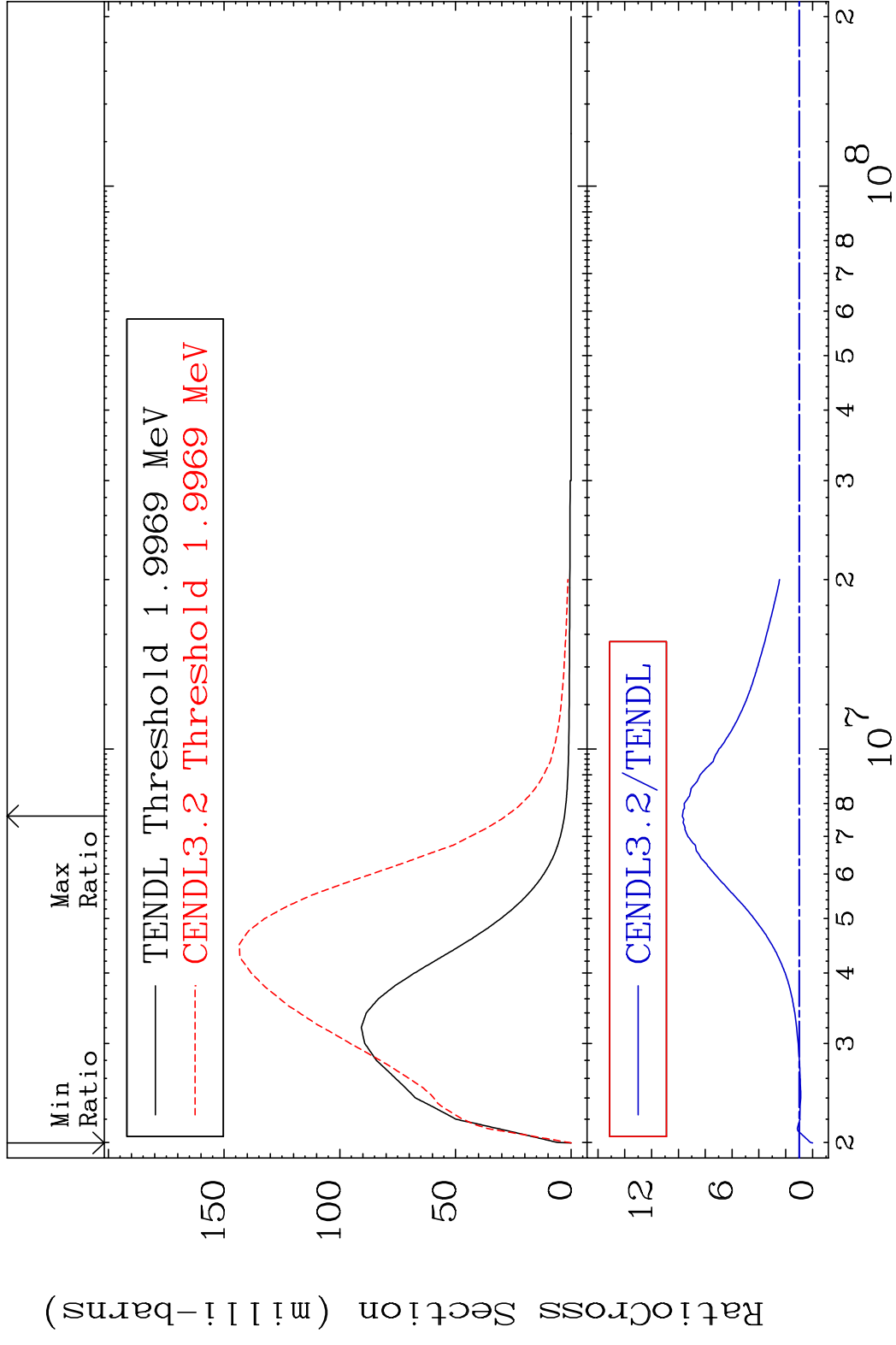
MAT 5255 MT= 55 (n, n') Level 52-Te-130
 Cross Section -19.41 To 1284. %



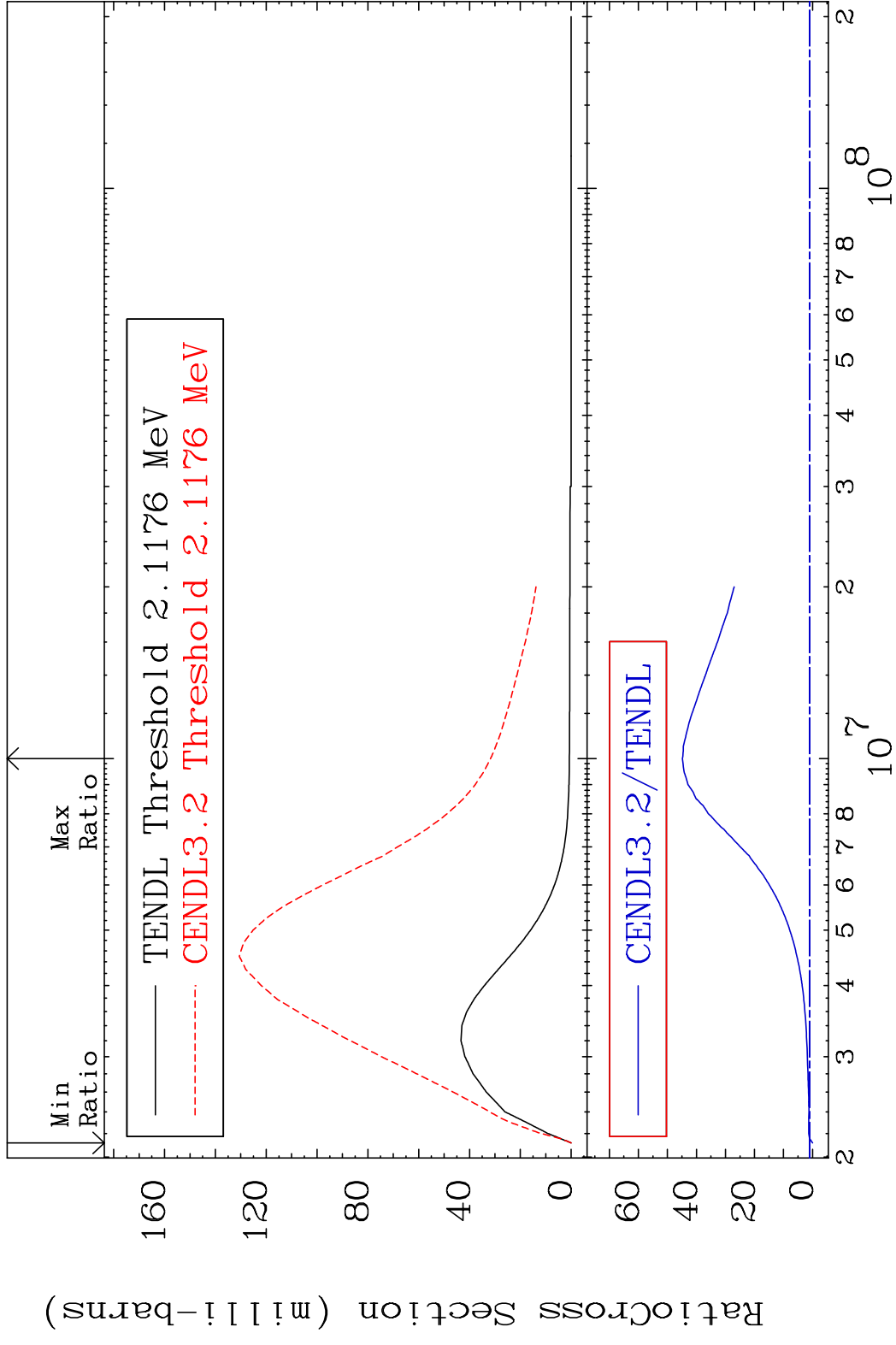
MAT 5255 MT= 56 (n, n') Level 52-Te-130
 Cross Section -100.0 To 9999. %



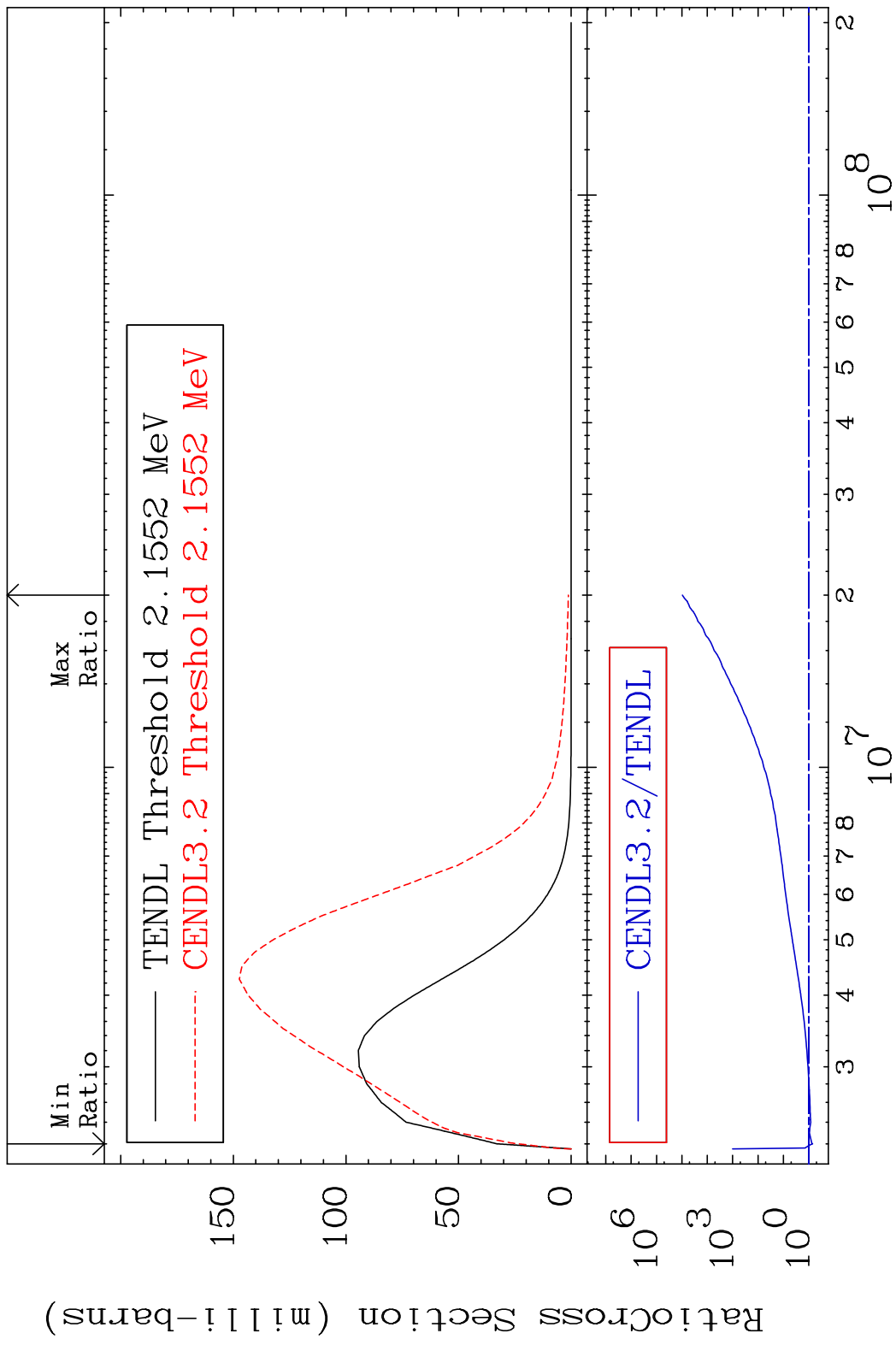
MAT 5255 MT= 57 (n, n') Level 52-Te-130
 Cross Section -100.0 To 870.6 %



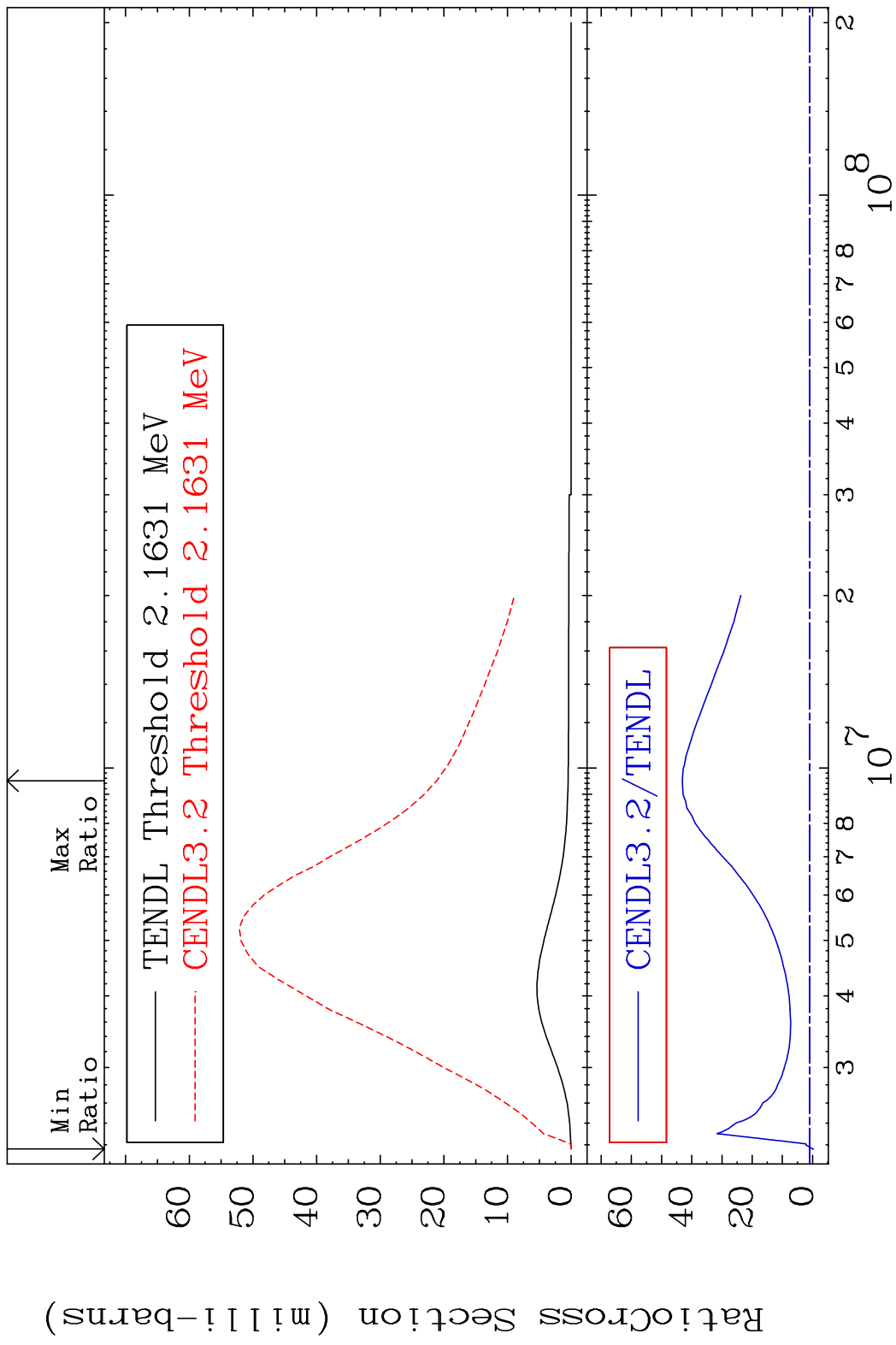
MAT 5255 MT= 58 (n, n') Level 52-Te-130
 Cross Section -100.0 To 4385. %



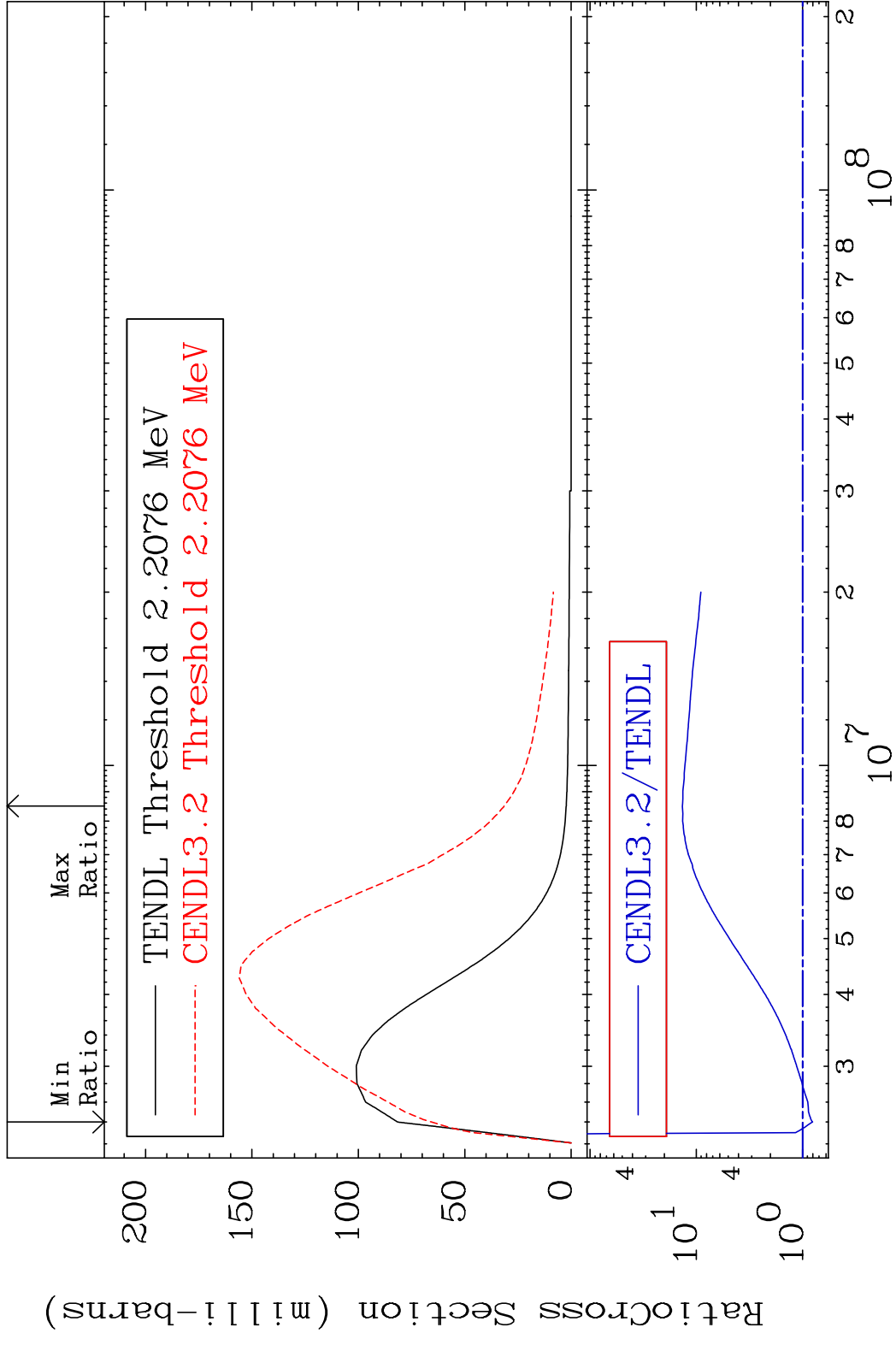
MAT 5255 MT= 59 (n, n') Level 52-Te-130
 Cross Section -28.85 To 9999. %



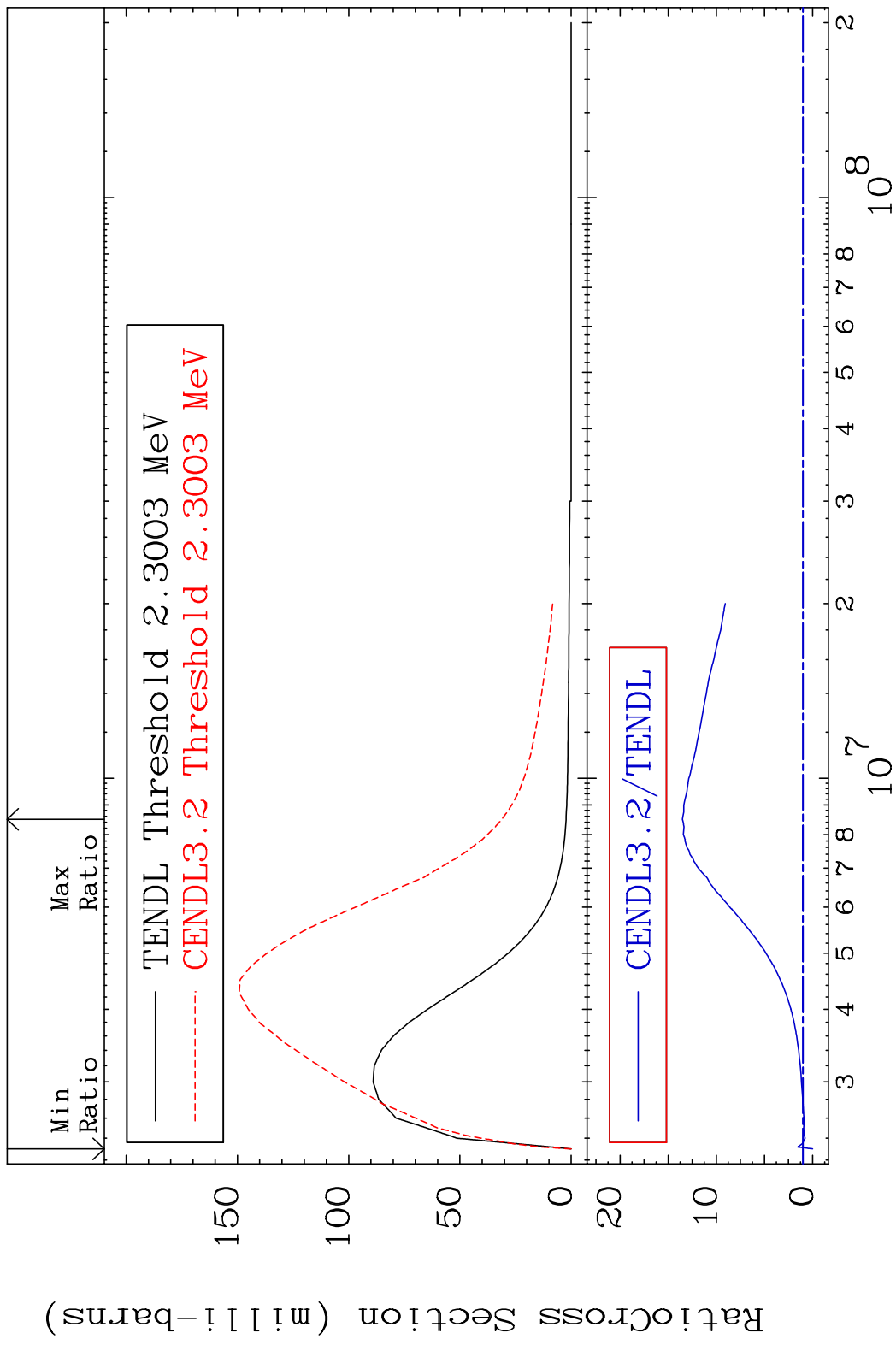
MAT 5255 MT= 60 (n, n') Level 52-Te-130
 Cross Section -100.0 To 4211. %



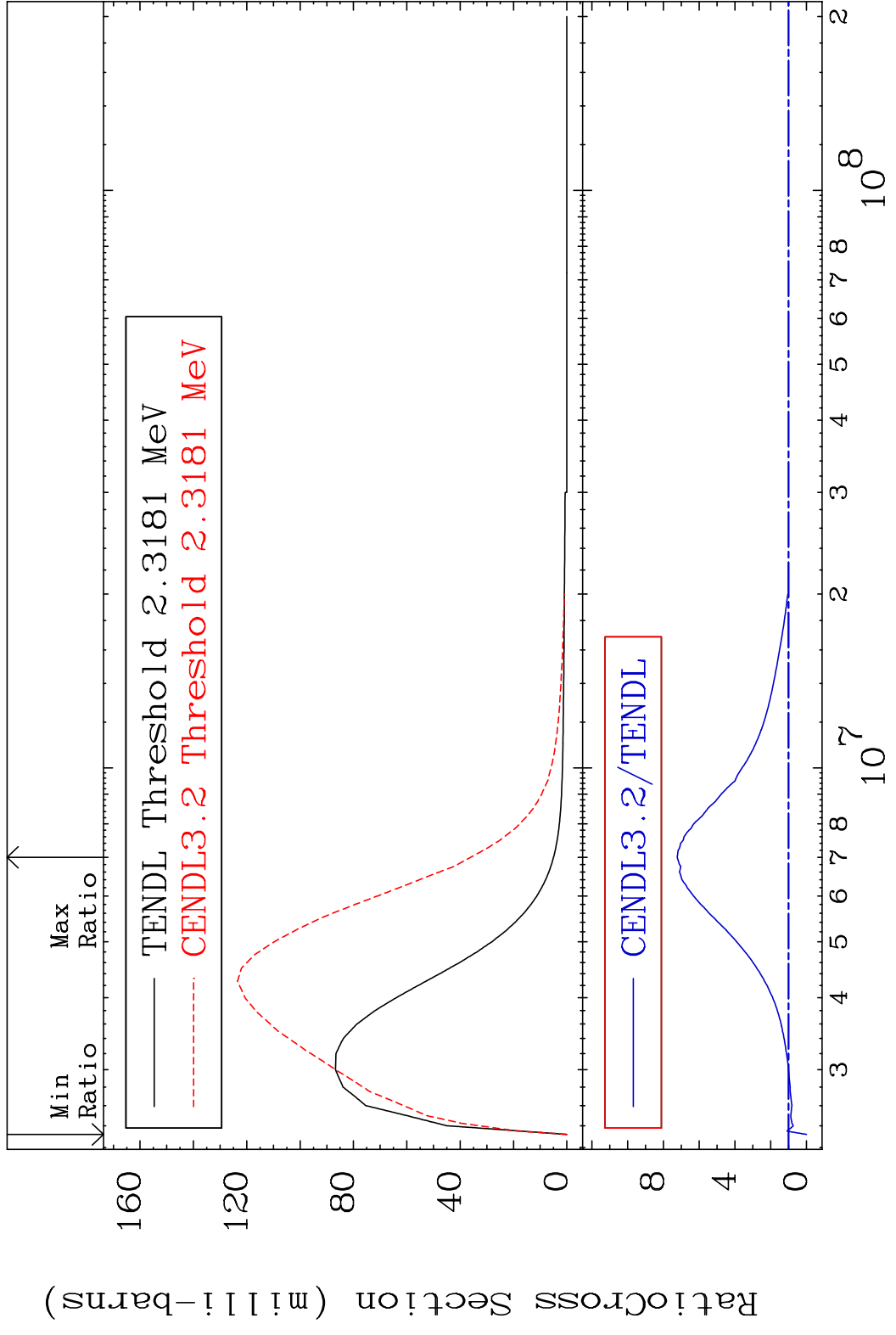
MAT 5255 MT= 61 (n,n') Level 52-Te-130
 Cross Section -19.61 To 1253. %



MAT 5255 MT= 62 (n,n') Level 52-Te-130
 Cross Section -100.0 To 1253. %

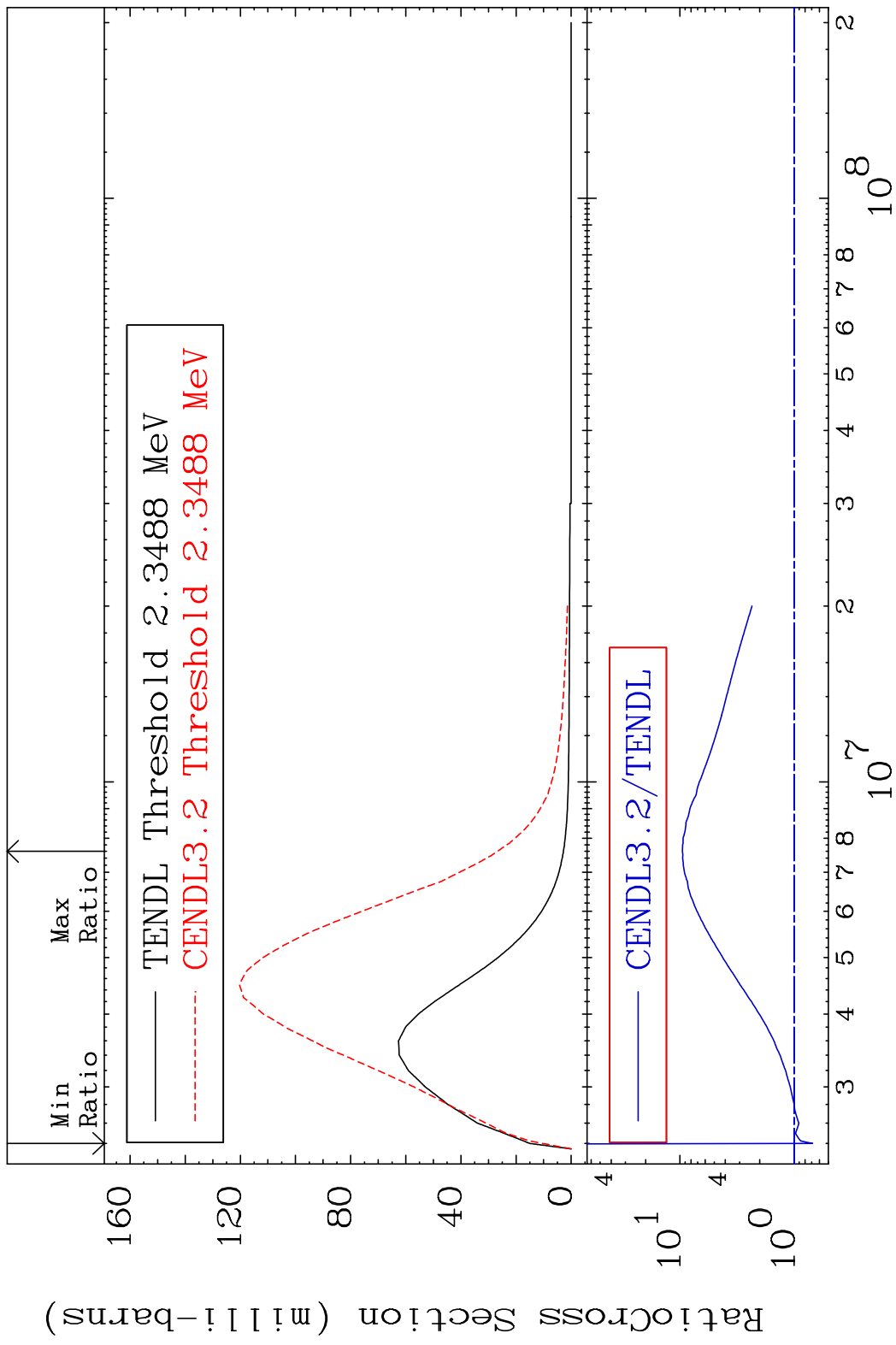


MAT 5255 MT= 63 (n, n') Level 52-Te-130
 Cross Section -100.0 To 622.7 %



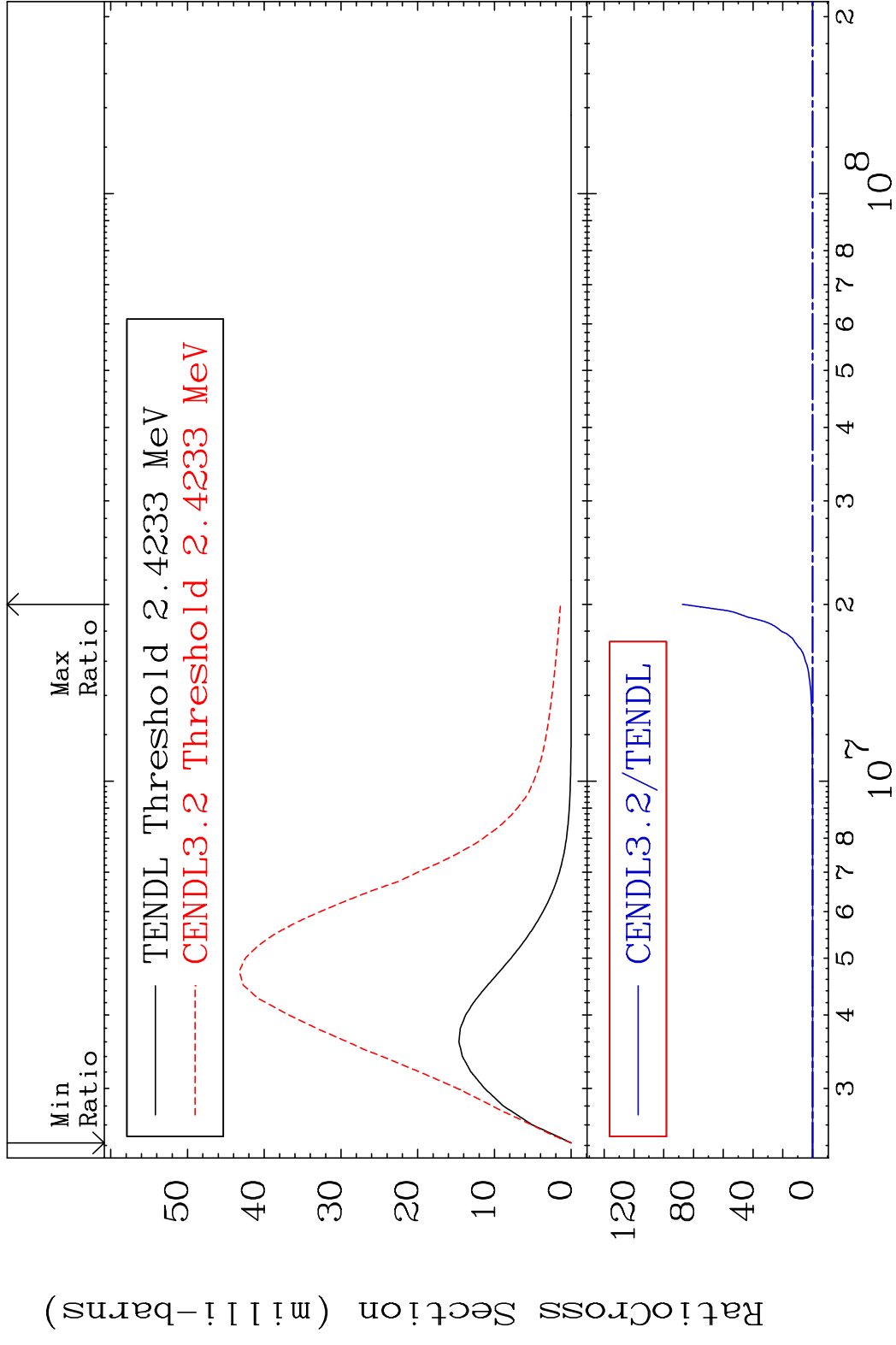
20 Incident Energy (eV) 52-Te-130

MAT 5255 MT= 64 (n,n') Level 52-Te-130
 Cross Section -31.19 To 852.2 %

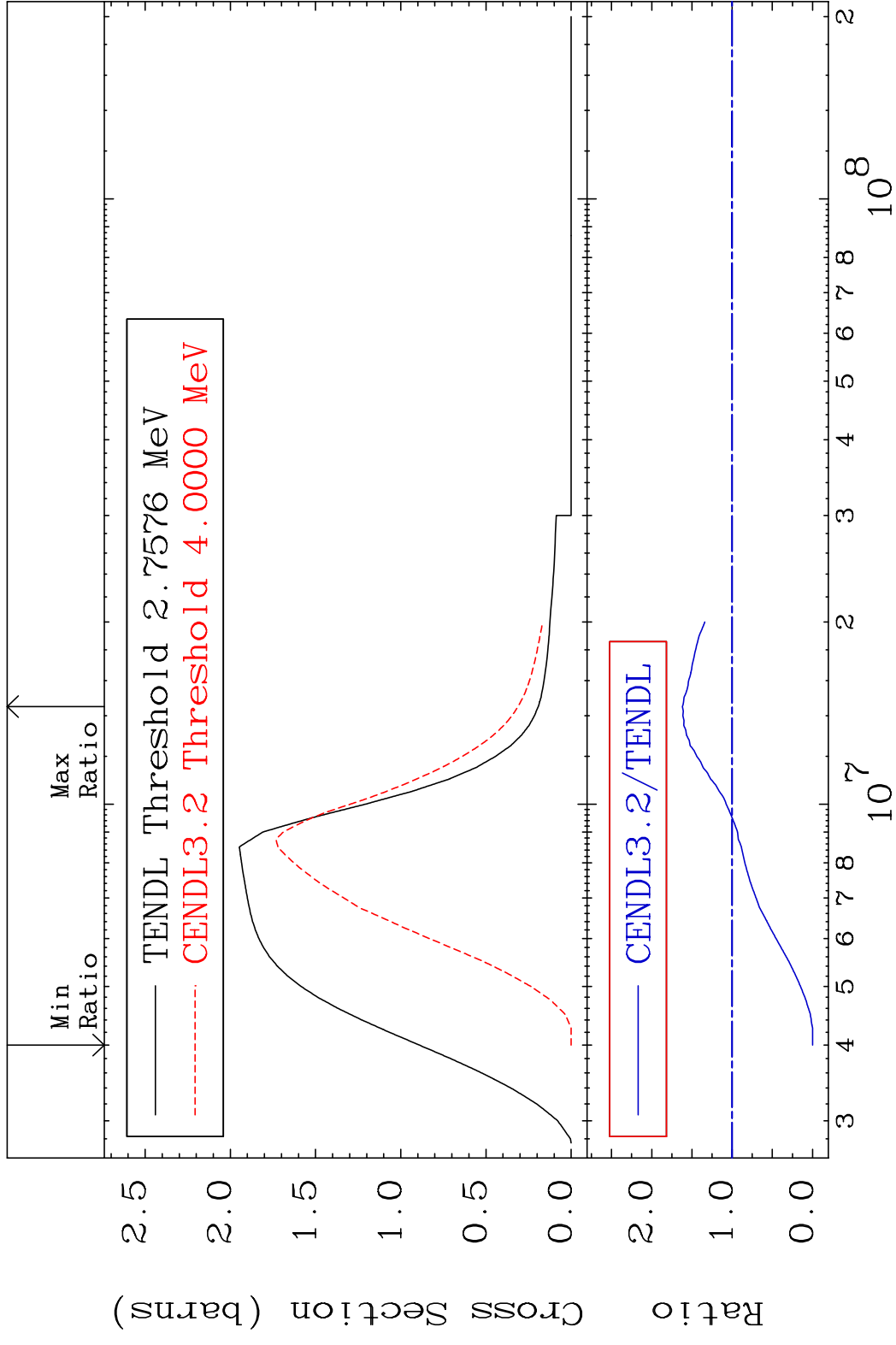


21 Incident Energy (eV) 52-Te-130

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 61.92 %

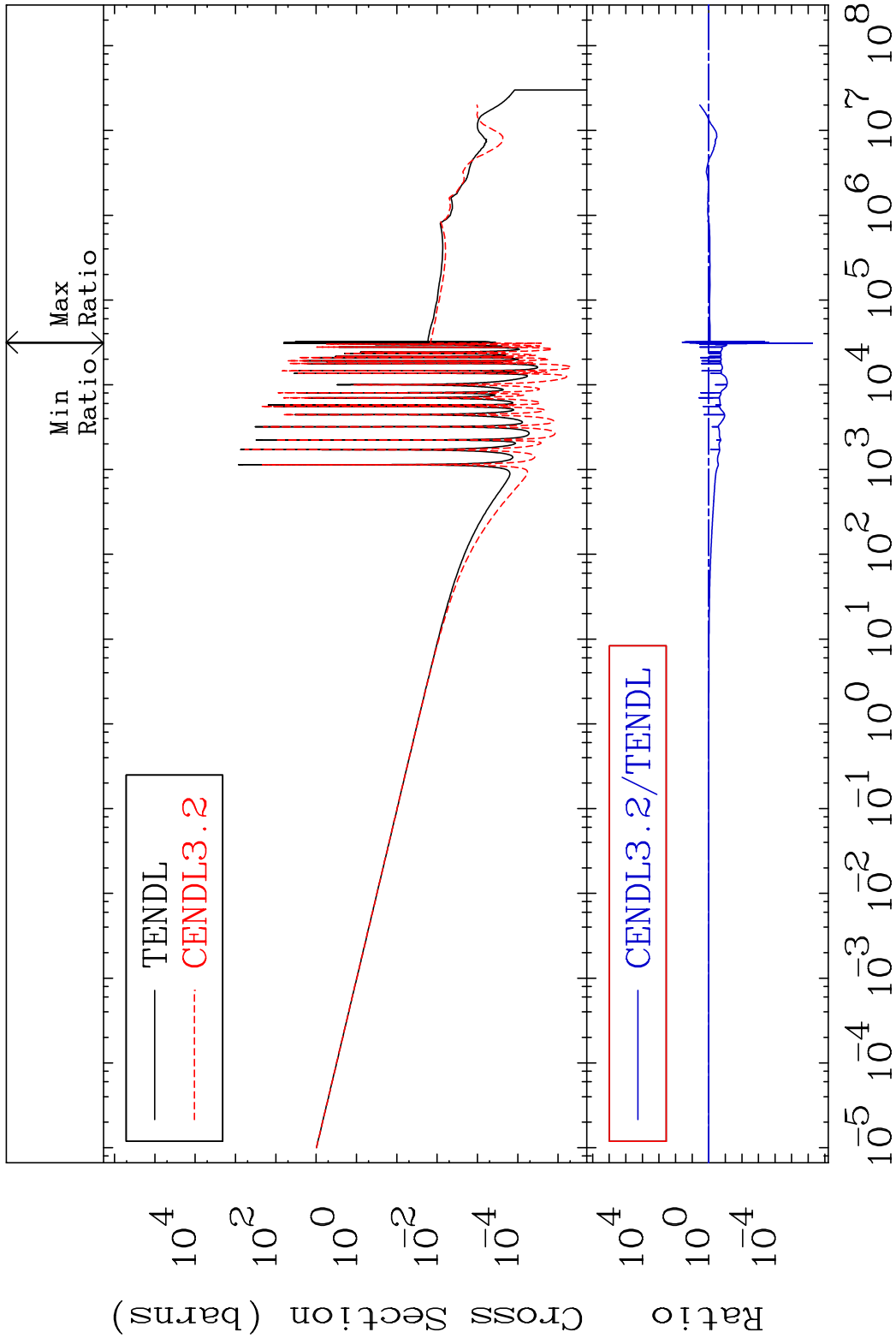


MAT 5255

(n, γ)

52-Te-130

Cross Section -100.0 To 3905. %

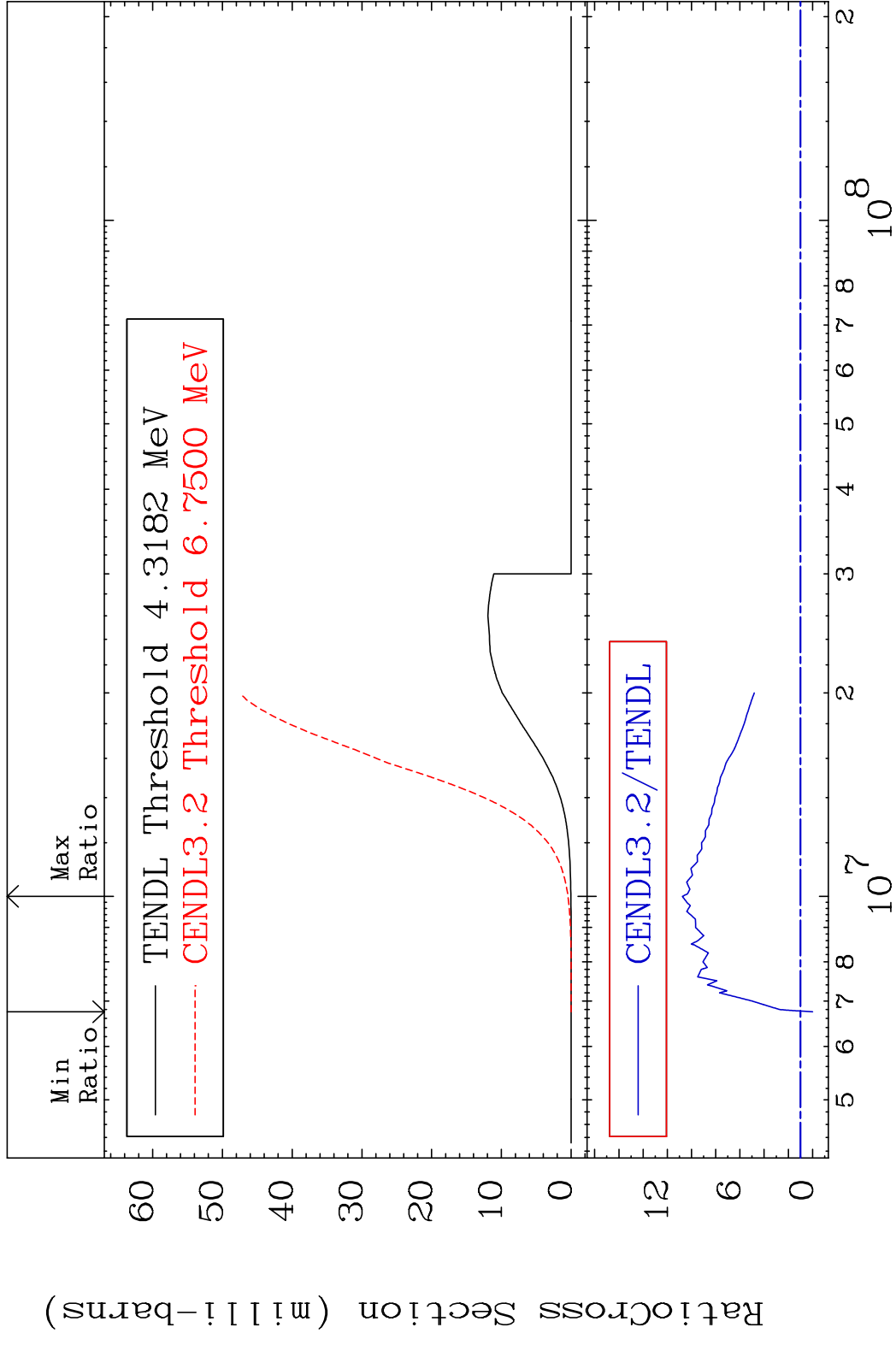


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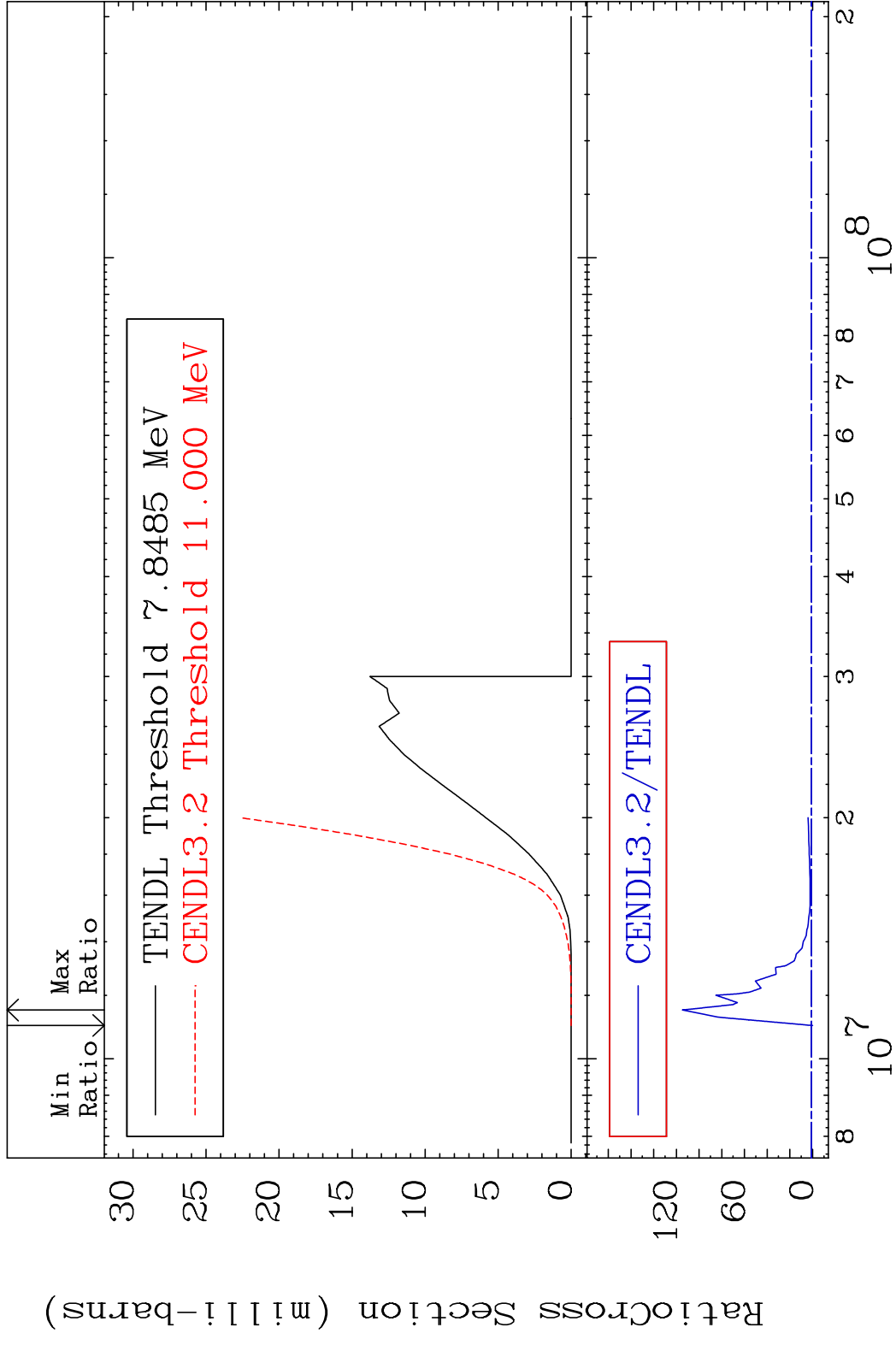
Incident Energy (eV)

52-Te-130

MAT 5255 (n,p) 52-Te-130
 Cross Section -100.0 To 975.7 %



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



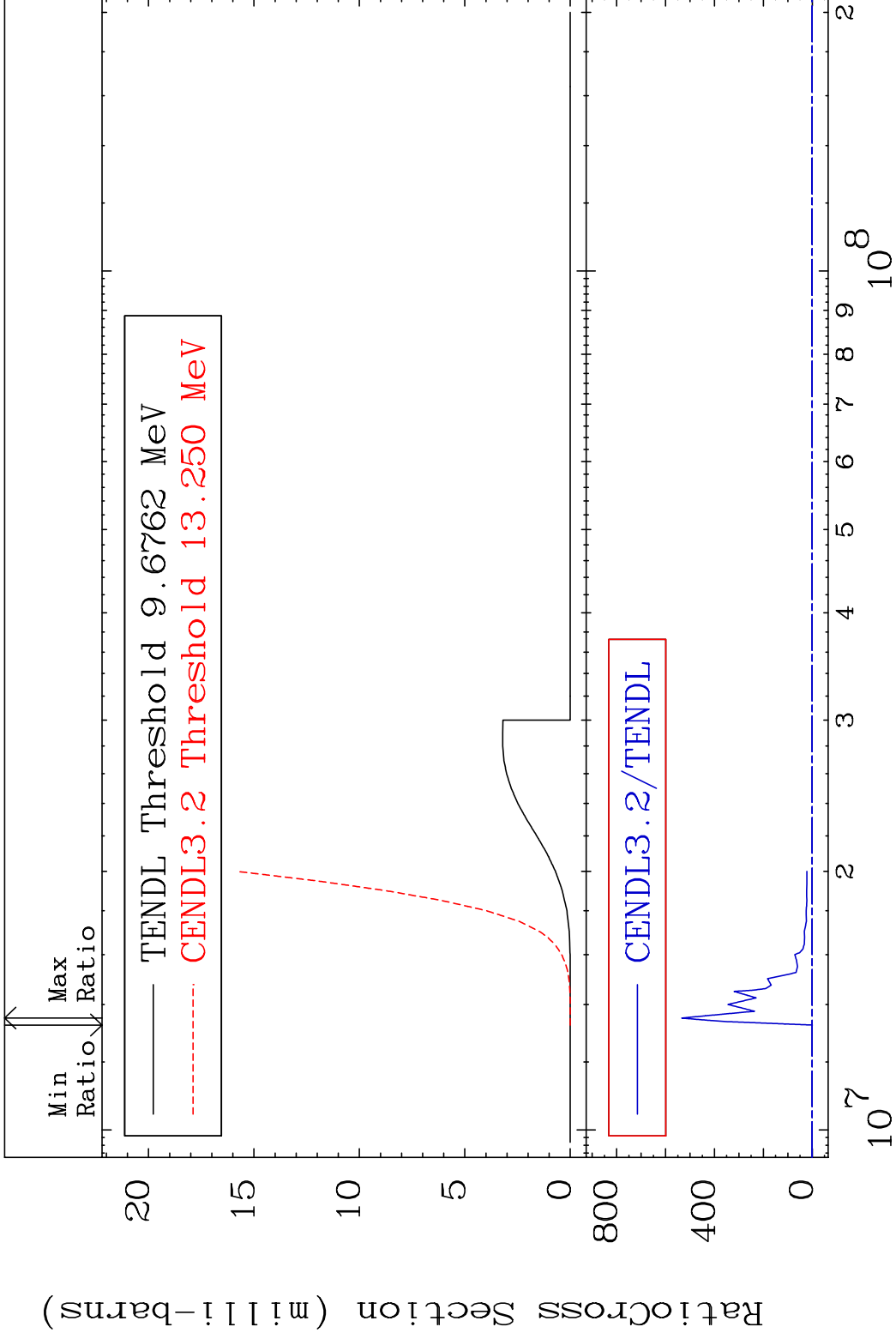
26 Incident Energy (eV) 52-Te-130

MAT 5255

(n, t)

52-Te-130

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

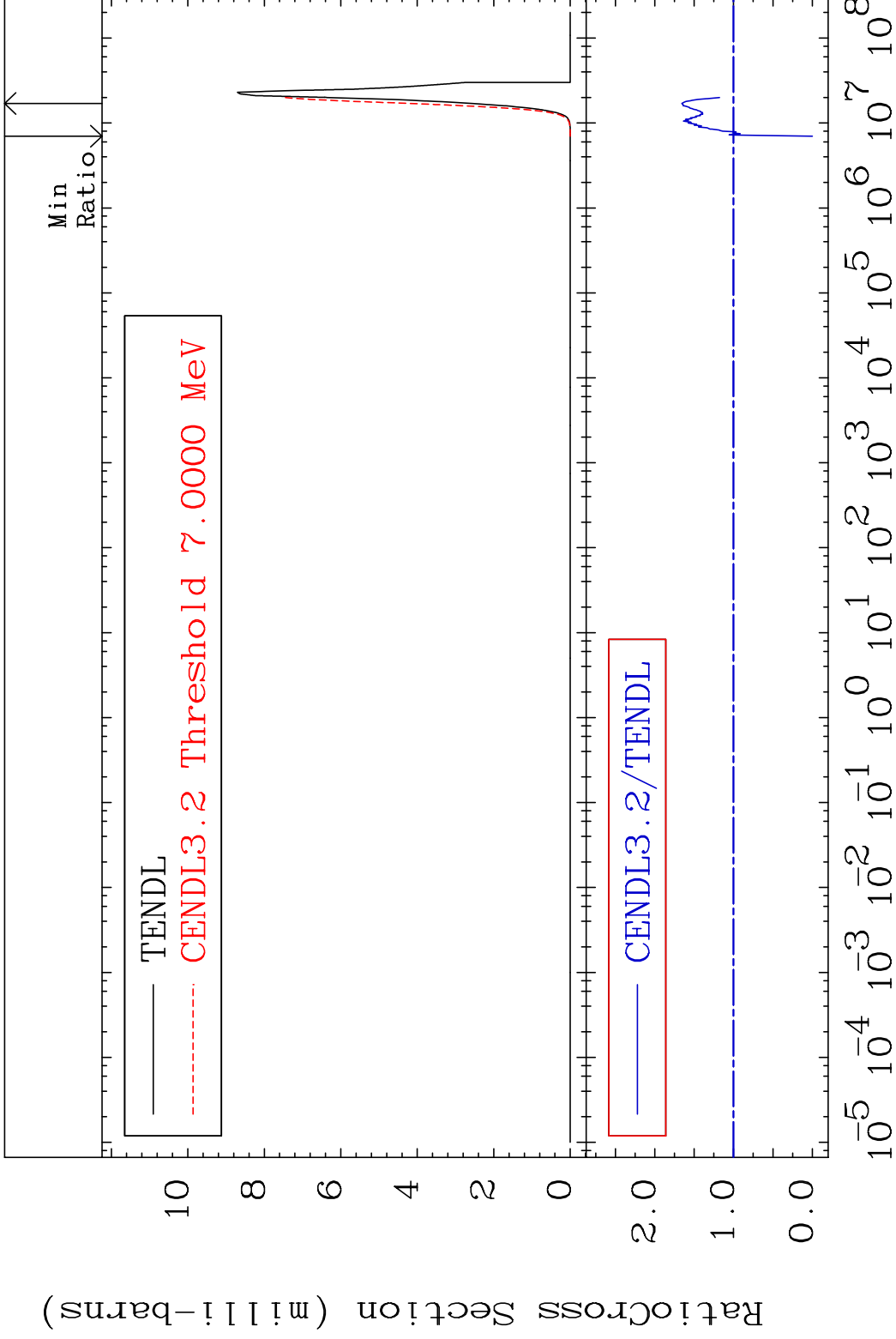
52-Te-130

MAT 5255

(n, α)

52-Te-130

Cross Section -100.0 To 65.79 %

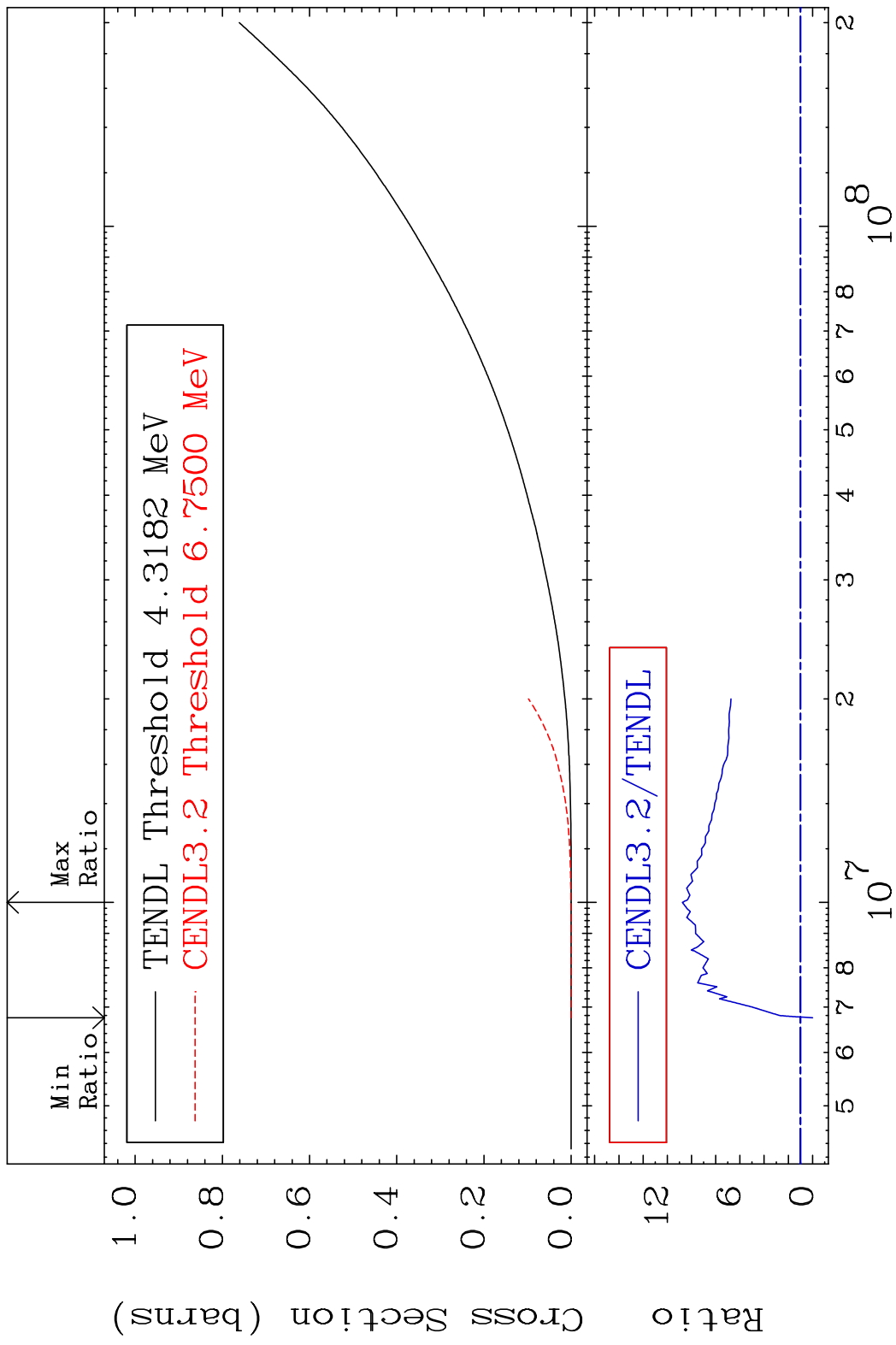


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Incident Energy (eV)

52-Te-130

MAT 5255 Hydrogen Production 52-Te-130
 Cross Section -100.0 To 975.7 %

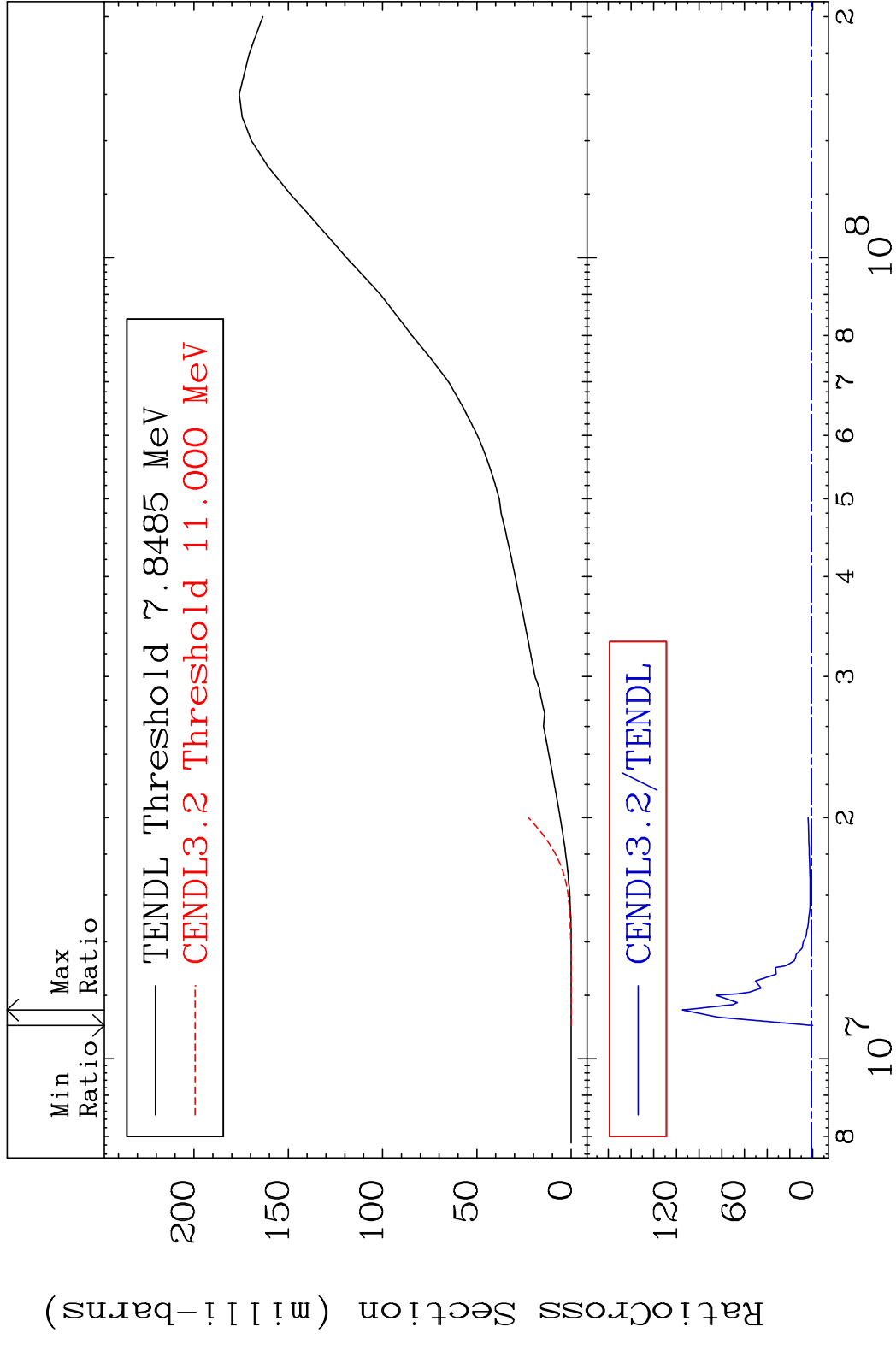


MAT 5255

Deuterium Production

52-Te-130

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

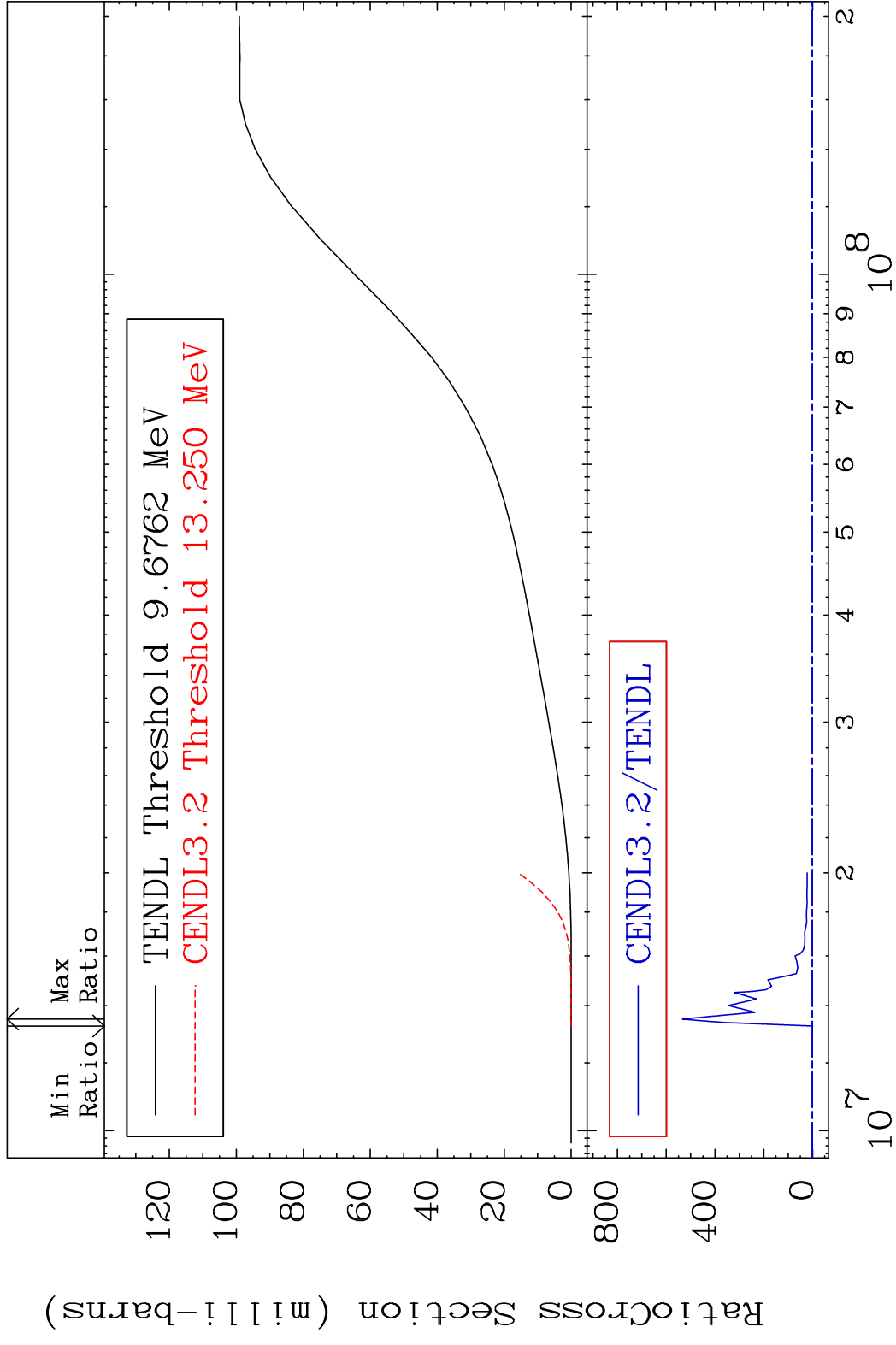
52-Te-130

MAT 5255

Tritium Production

52-Te-130

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

52-Te-130

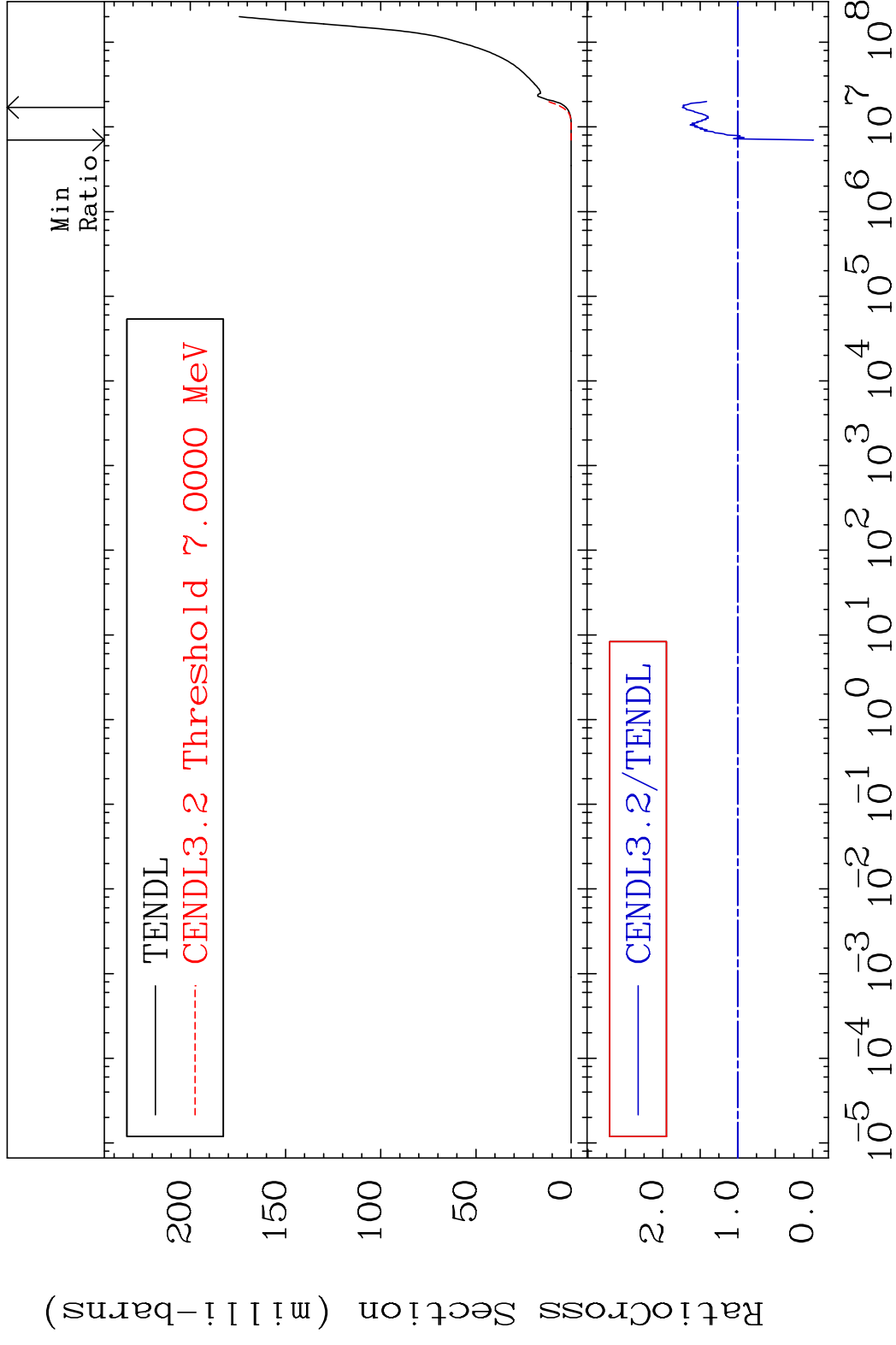
MAT 5255

He-4 Production

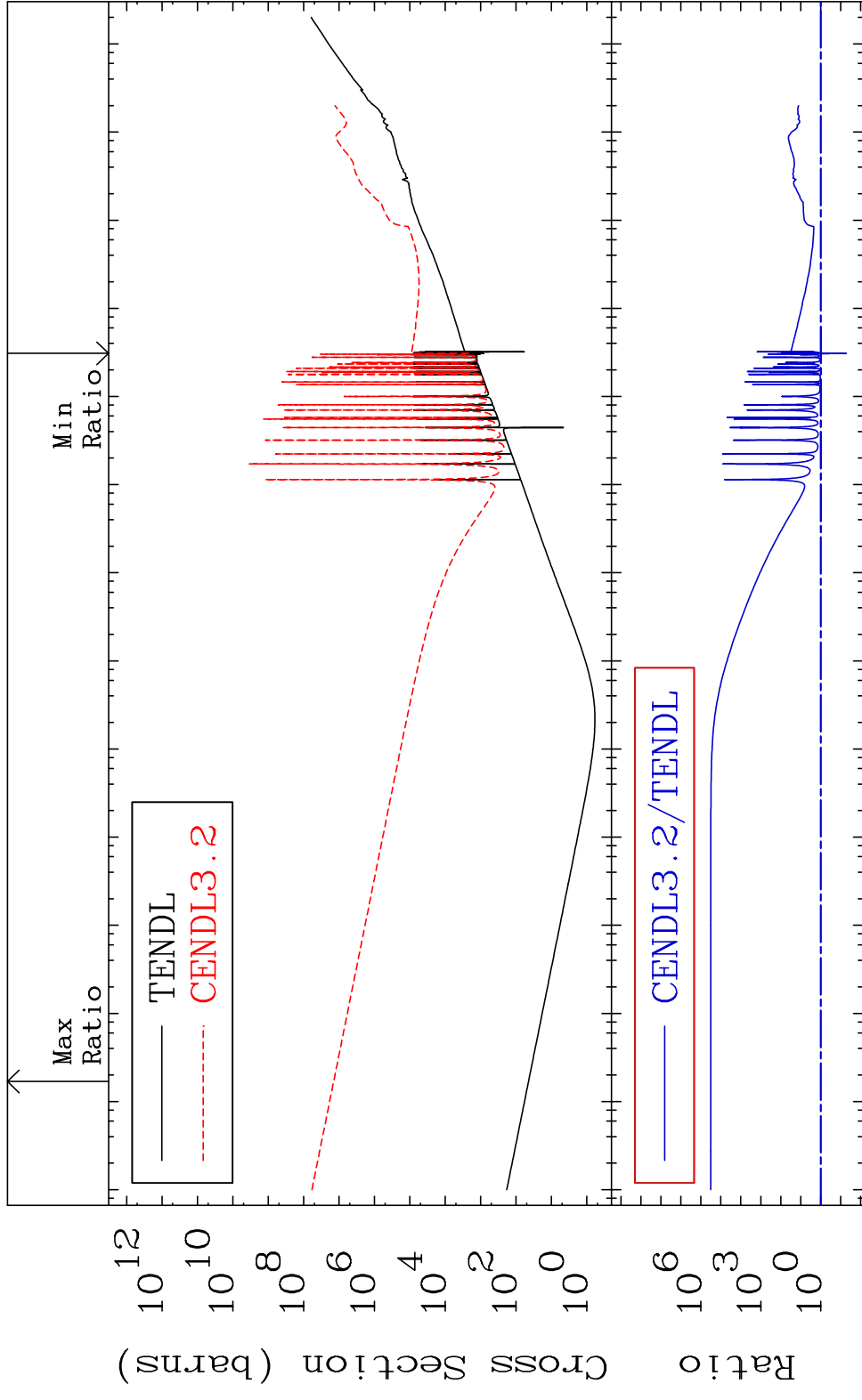
52-Te-130

Cross Section

-100.0 To 73.92 %



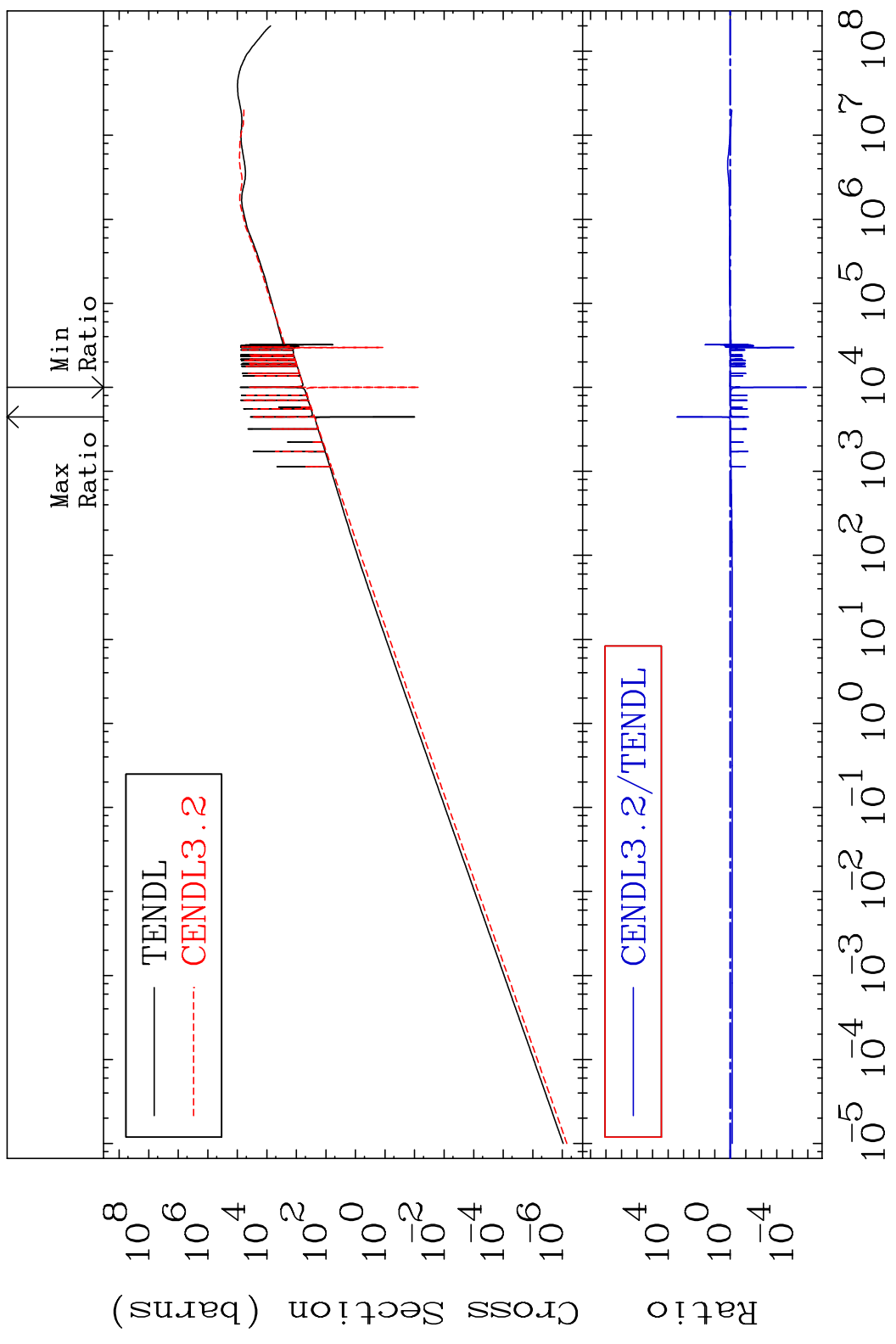
MAT 5255 Kerma total (eV-barns) 52-Te-130
 Cross Section -94.80 To 9999. %



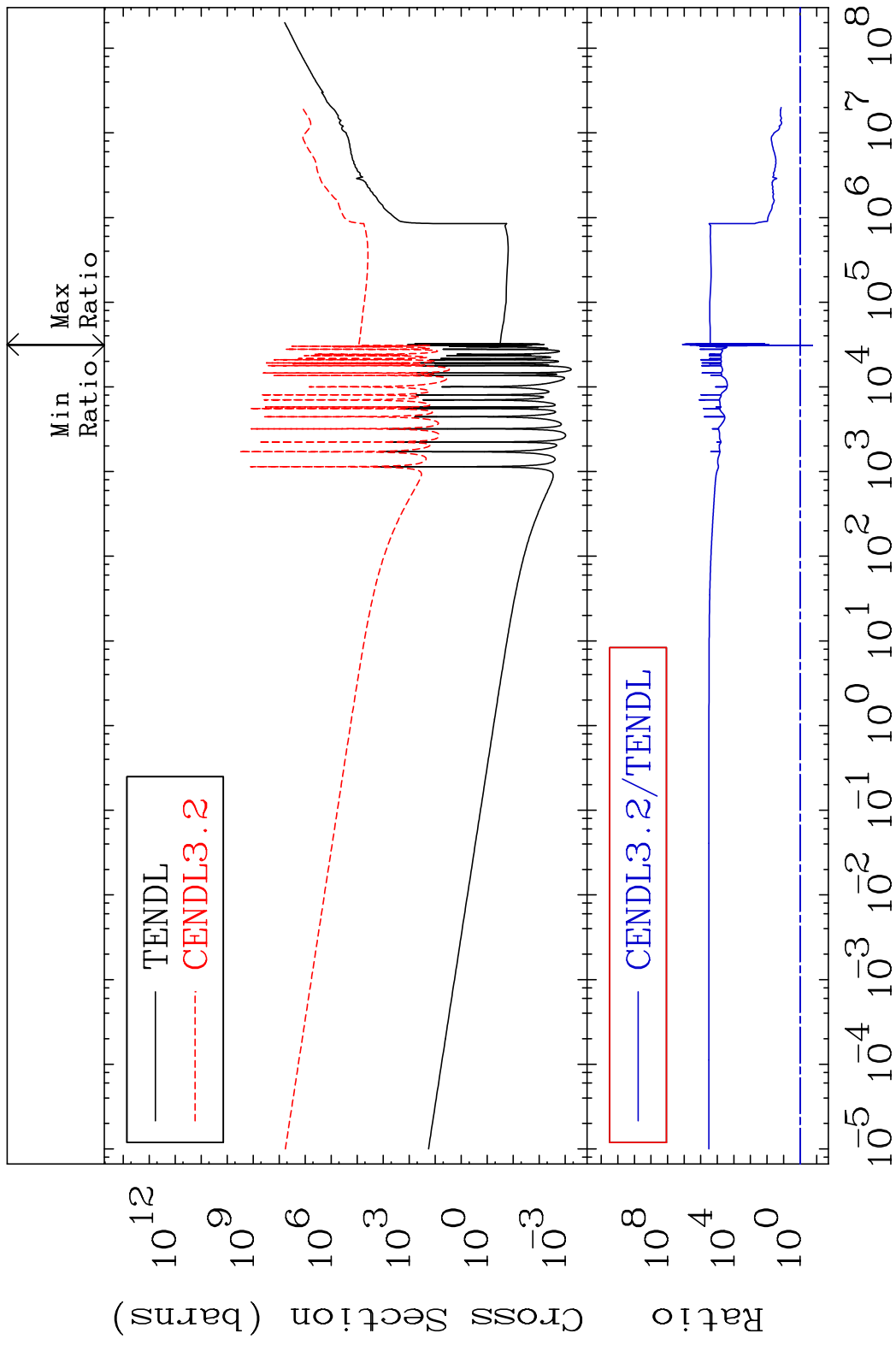
33 Incident Energy (eV) 52-Te-130

MAT 5255

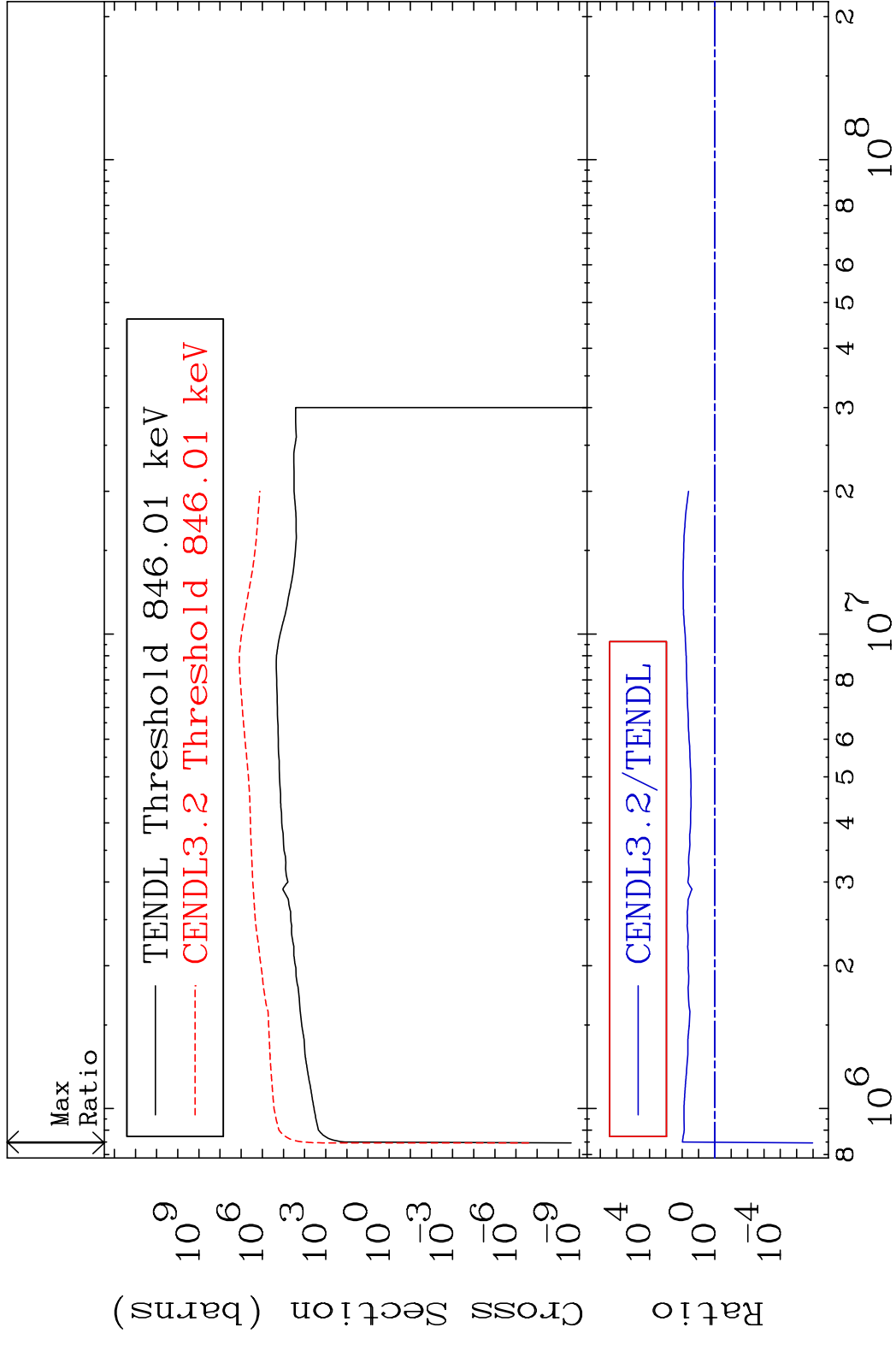
Kerma elastic Cross Section -100.0 To 9999. %
52-Te-130



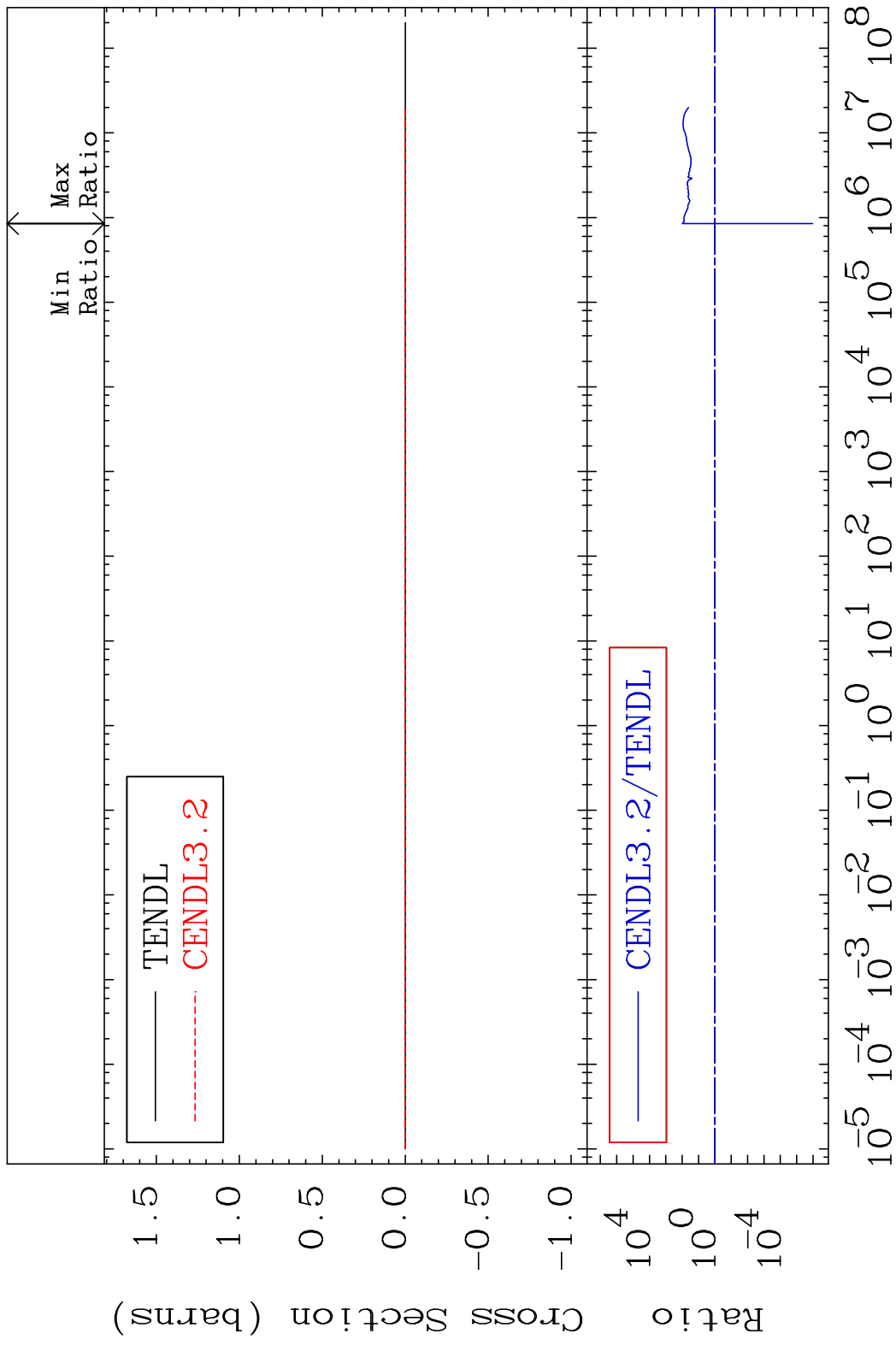
MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130
 Cross Section -82.29 To 9999. %



MAT 5255 Kerma inelastic (mt51-91) 52-Te-130
 Cross Section -100.0 To 9641. %

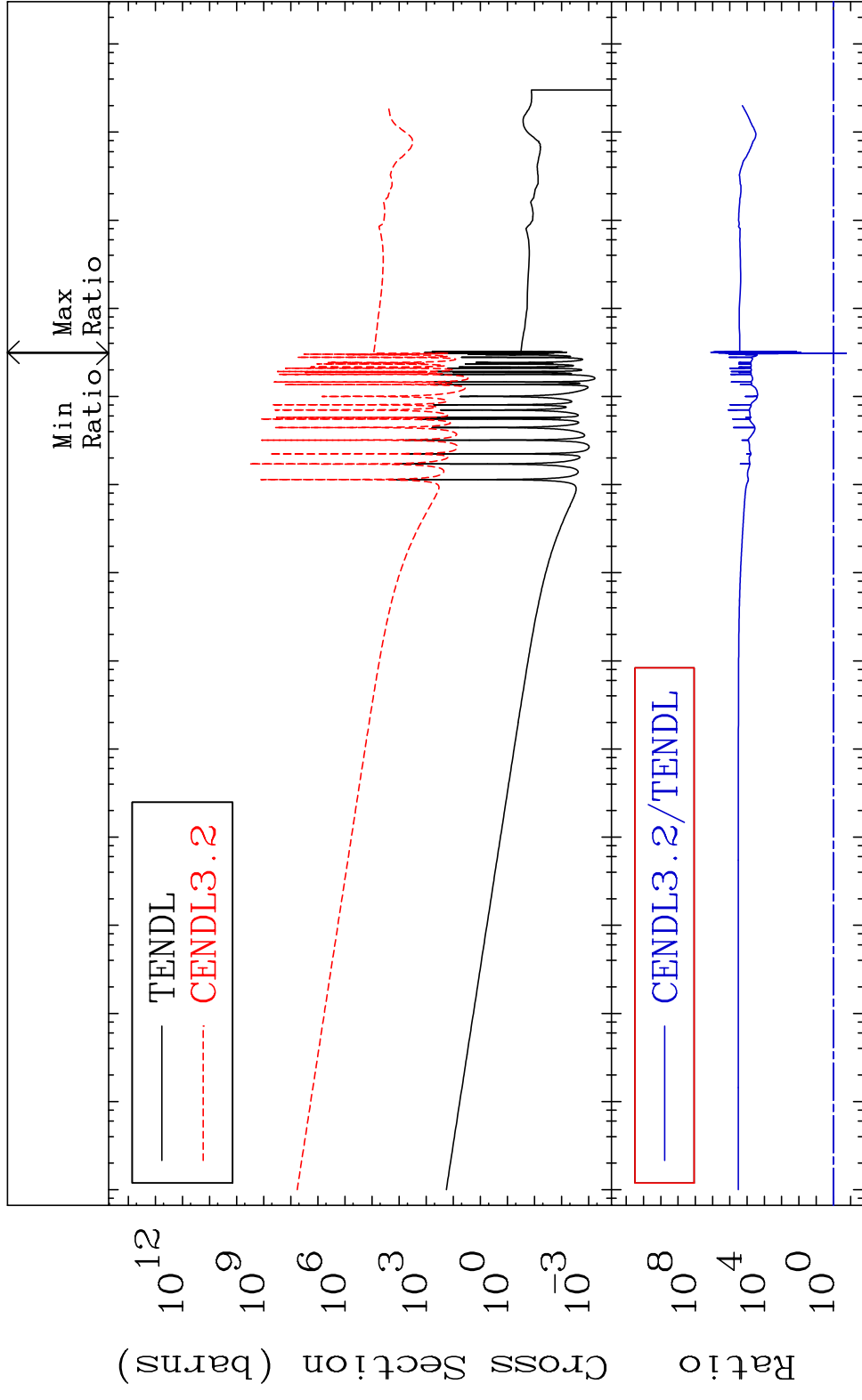


MAT 5255 Kerma fission (mt18 or mt19-20-21-38) 52-Te-130
 Cross Section -100.0 To 9641. %

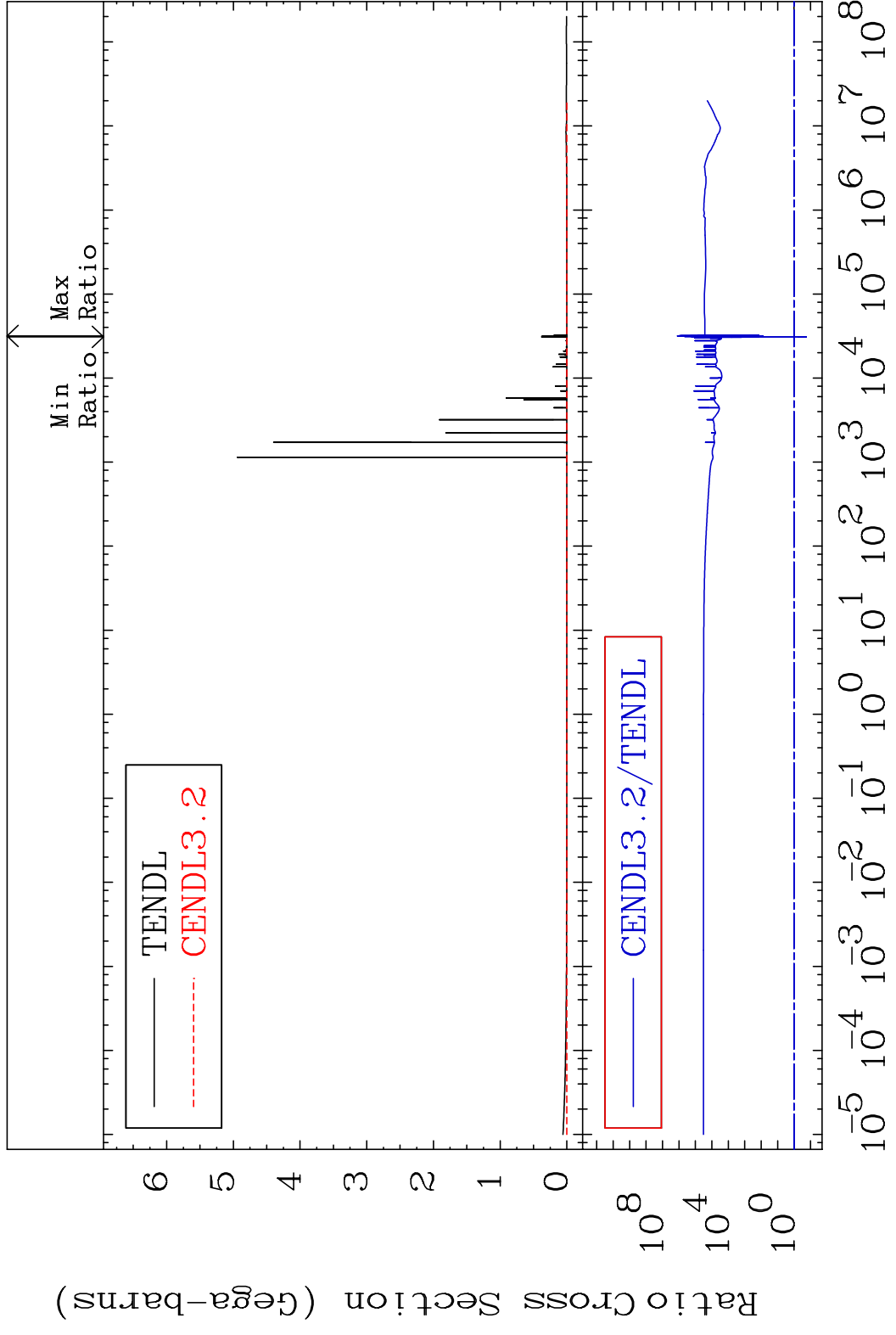


MAT 5255

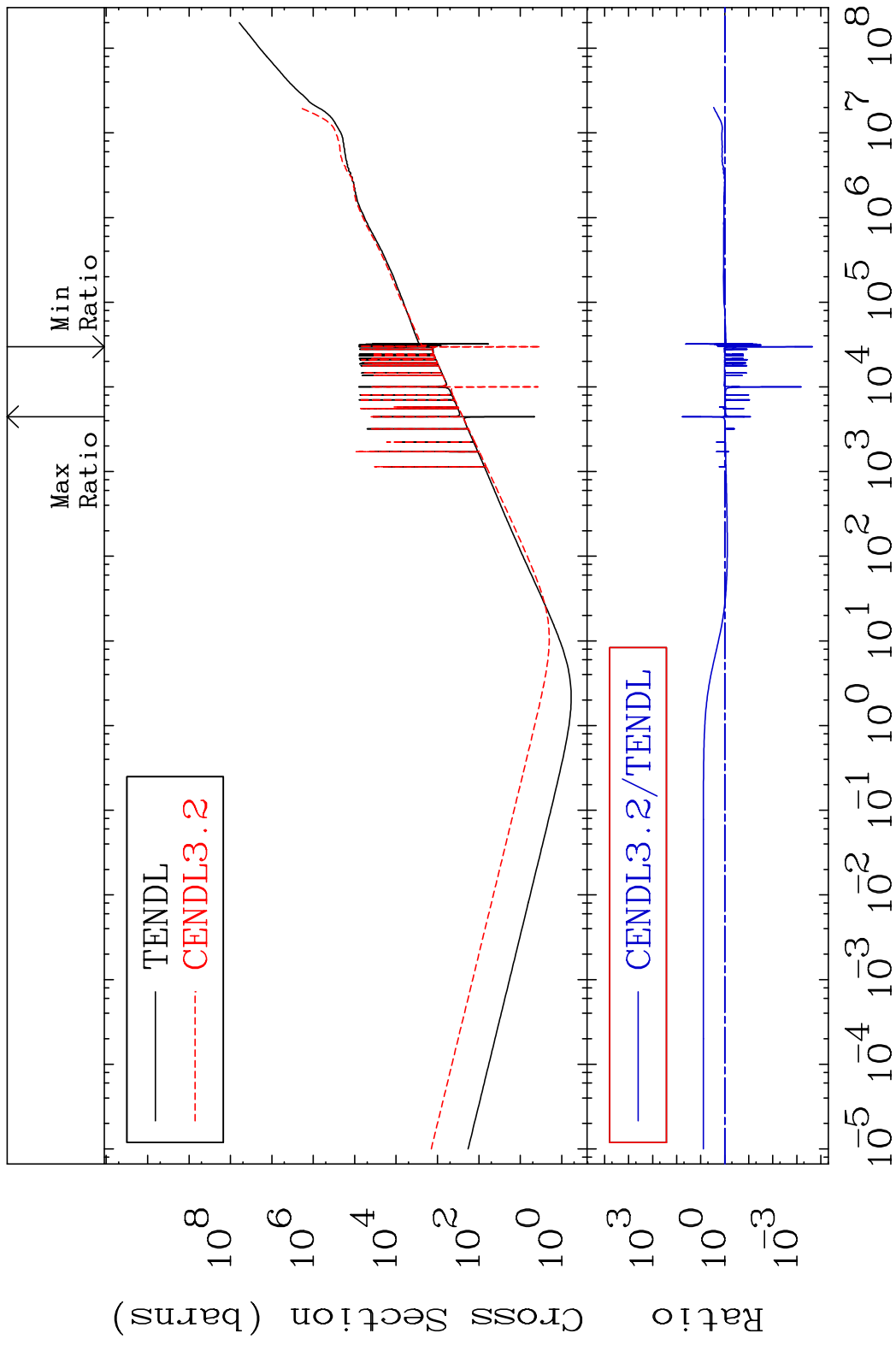
Kerma capture (mt102) 52-Te-130
Cross Section -82.29 To 9999. %



MAT 5255 Total photon (eV-barns) 52-Te-130
 Cross Section -82.29 To 9999. %

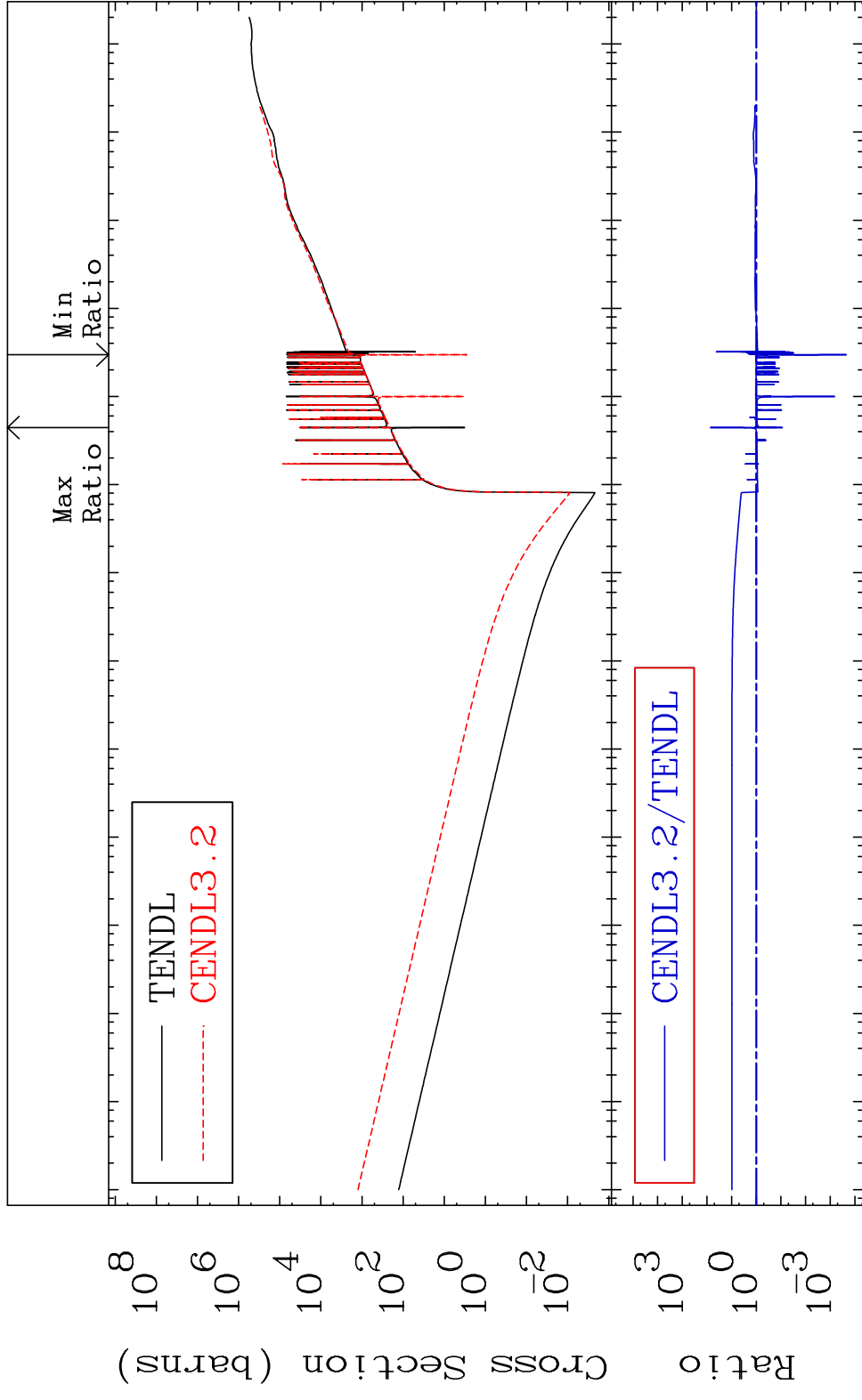


MAT 5255 Total kinematic kerma (high limit) 52-Te-130
 Cross Section -99.98 To 5696. %



40 Incident Energy (eV) 52-Te-130

MAT 5255 Dpa total (eV-barns) 52-Te-130
 Cross Section -99.98 To 6935. %

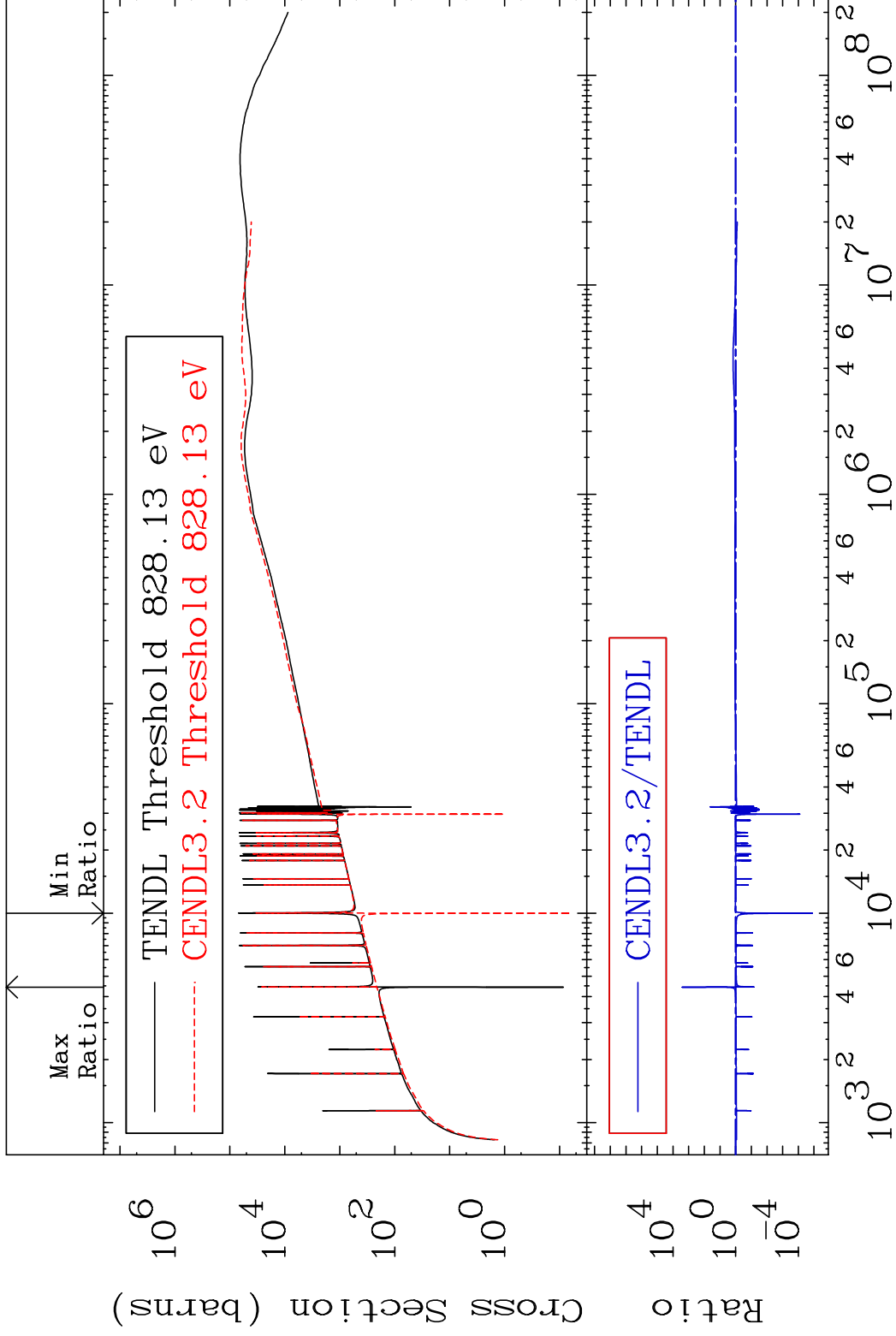


MAT 5255

Dpa elastic (mt2)

52-Te-130

Cross Section -100.0 To 9999. %

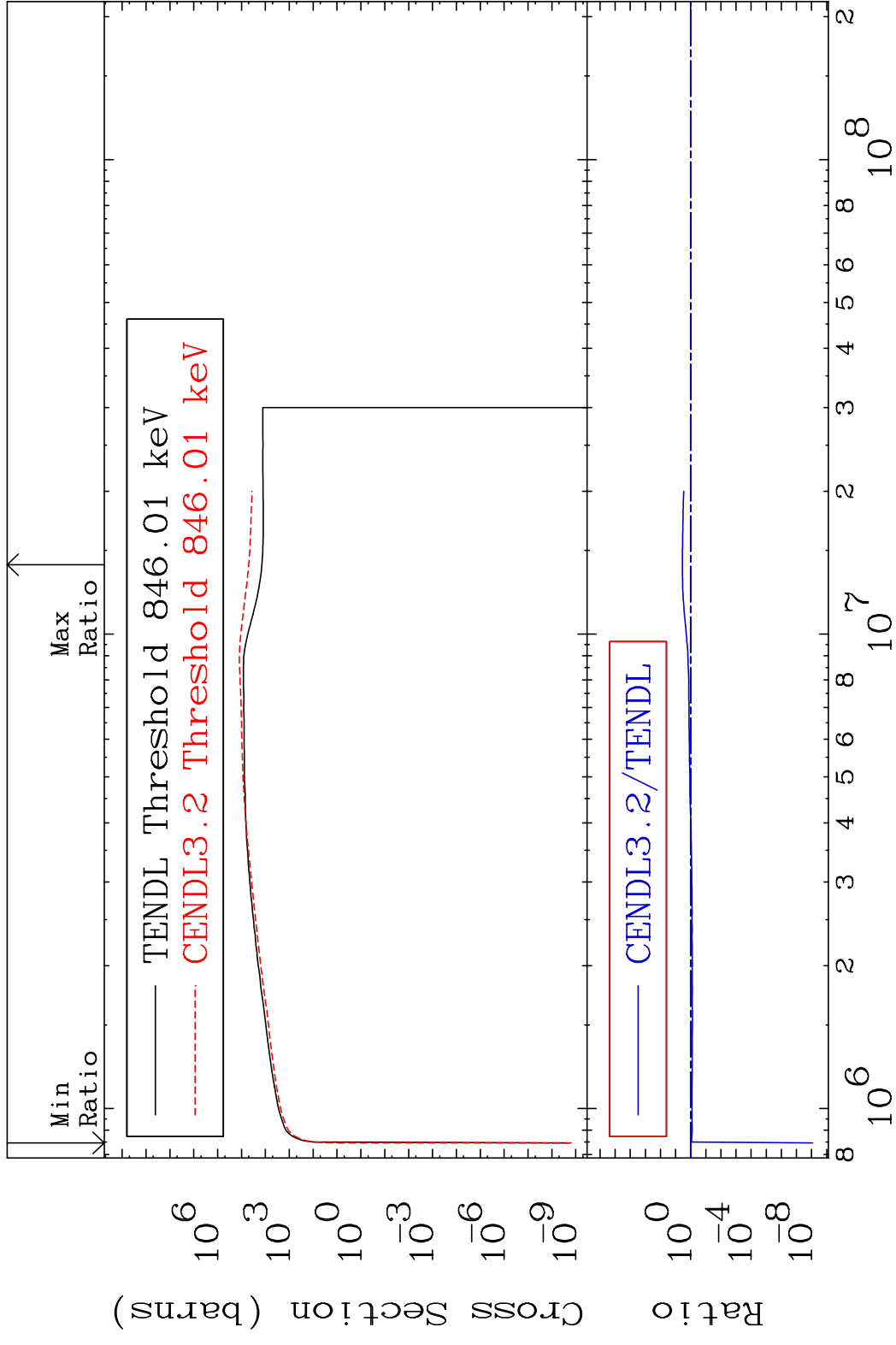


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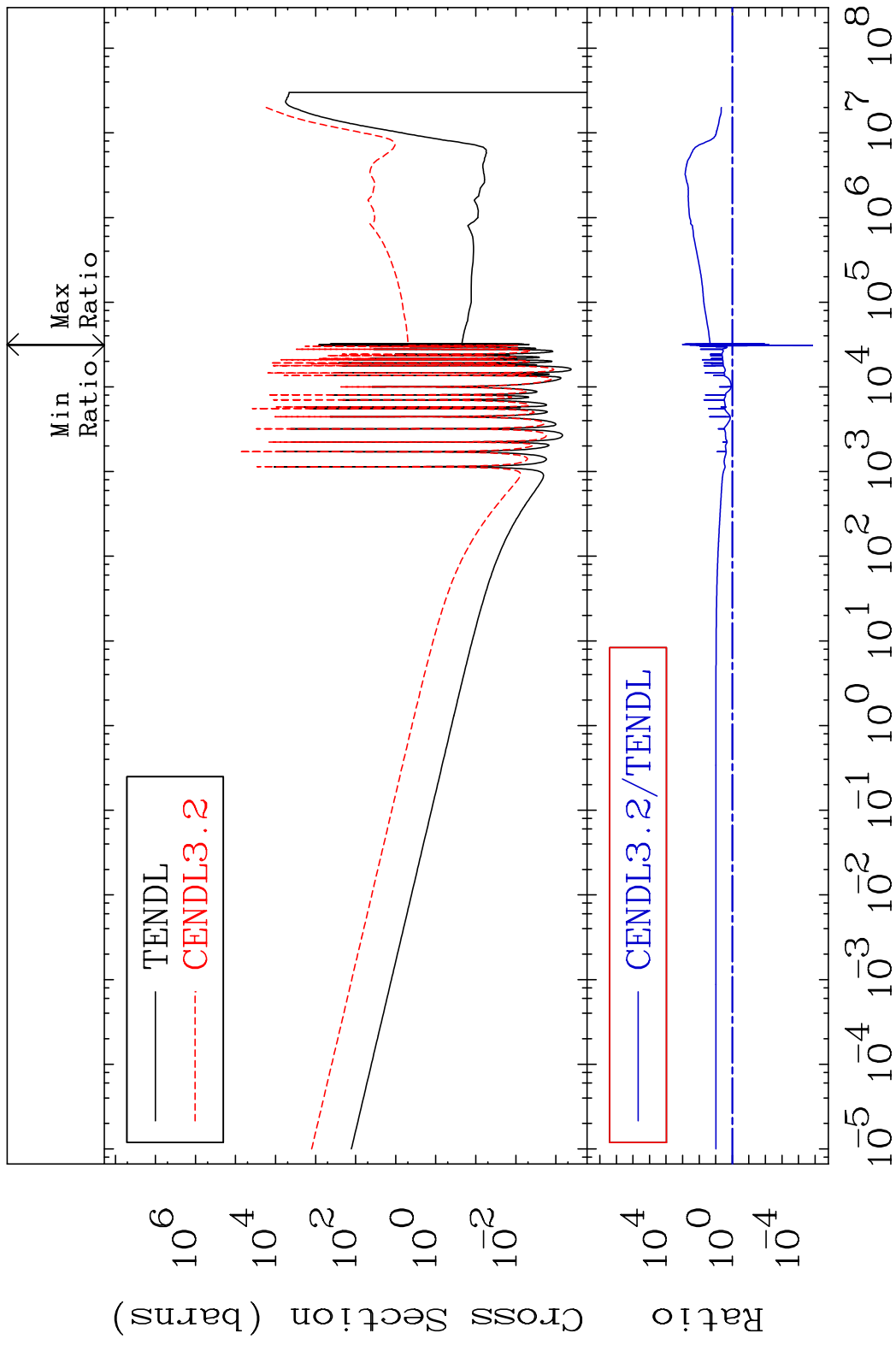
Incident Energy (eV)

52-Te-130

MAT 5255 Dpa inelastic (mt51-91) 52-Te-130
 Cross Section -100.0 To 257.3 %



MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130
 Cross Section -100.0 To 9999. %

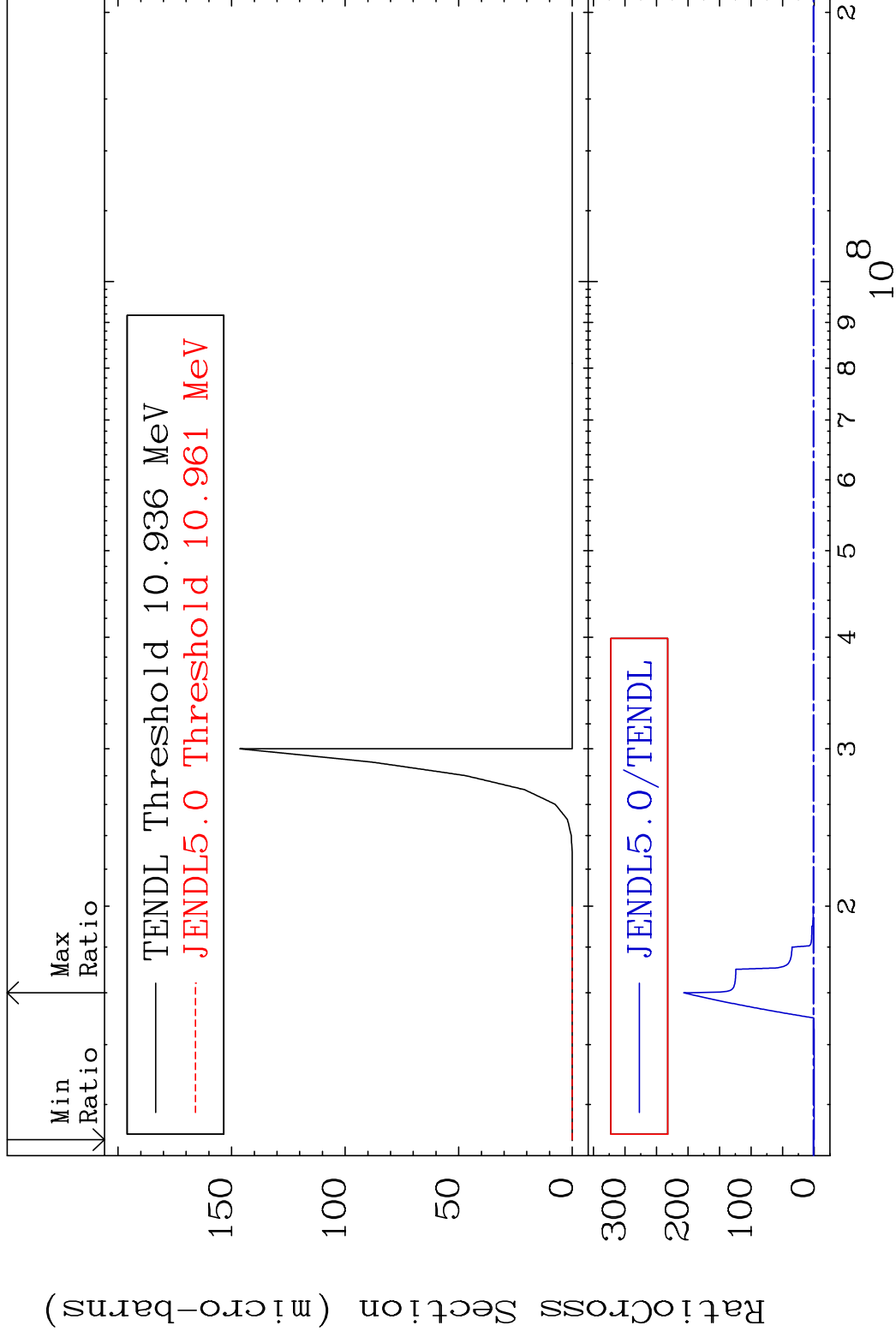


MAT 5255

(n, He-3)

52-Te-130

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

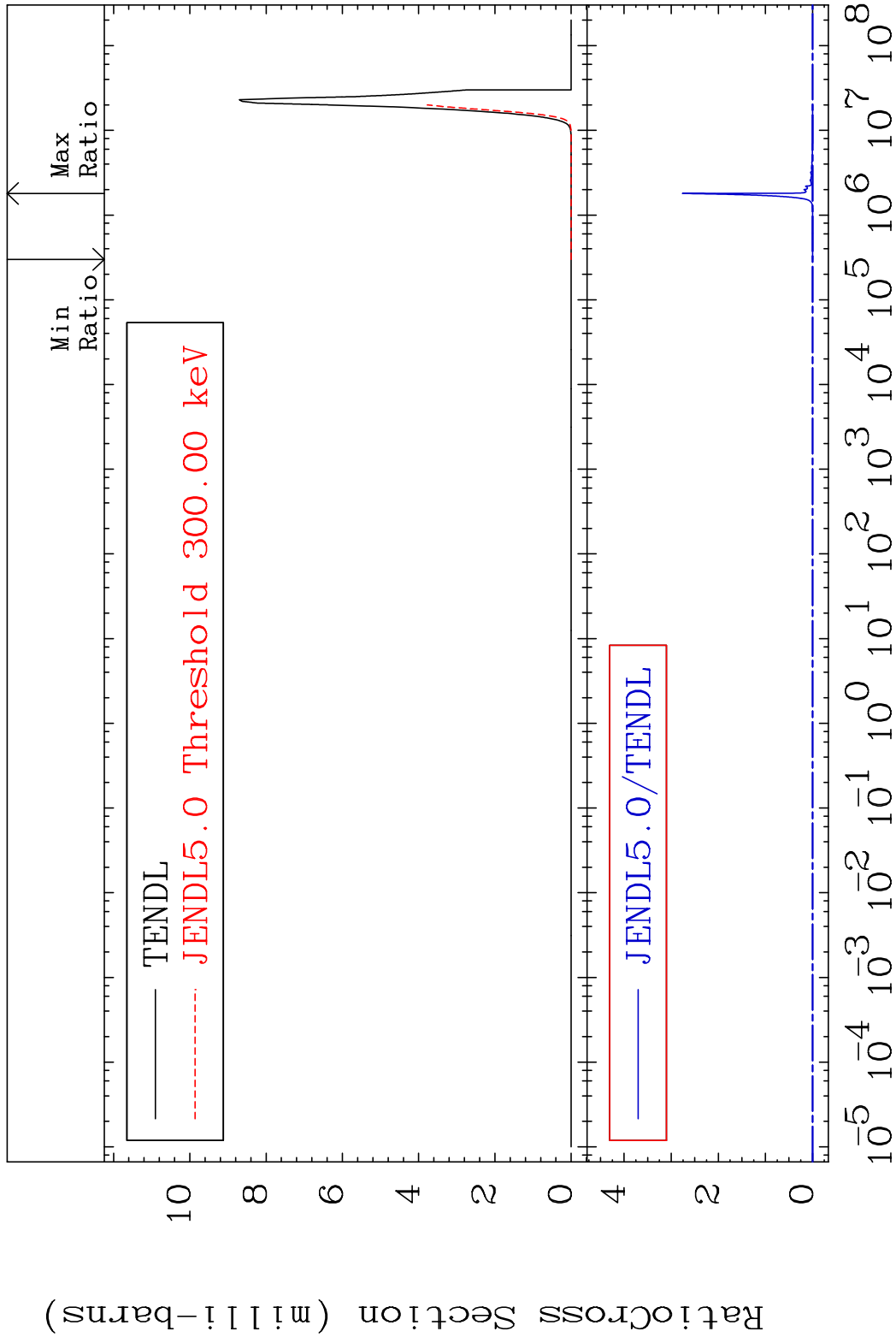
52-Te-130

MAT 5255

(n, α)

52-Te-130

Cross Section -100.0 To 9999. %

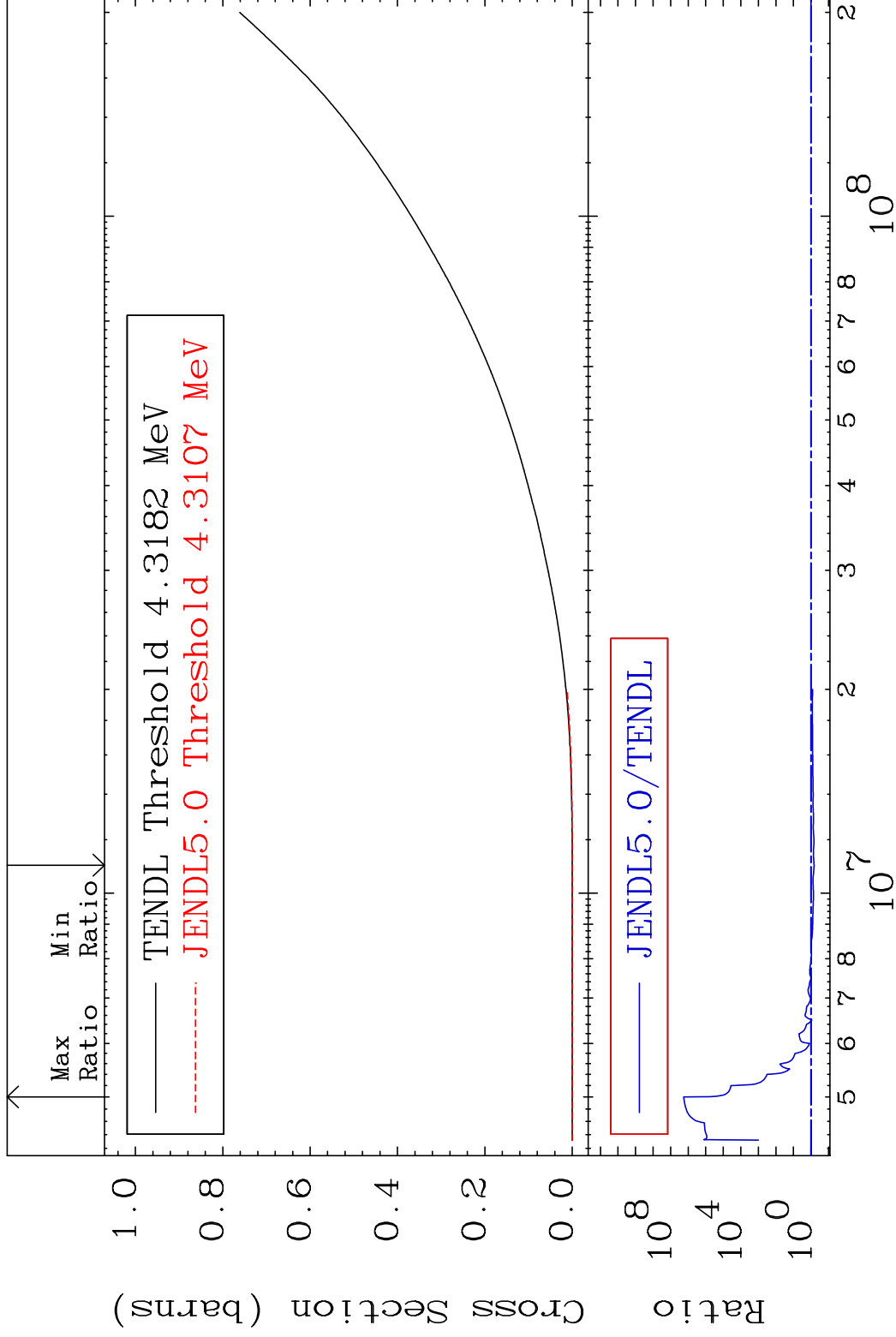


MAT 5255

Hydrogen Production

52-Te-130

Cross Section -33.33 To 9999. %



47

Incident Energy (eV)

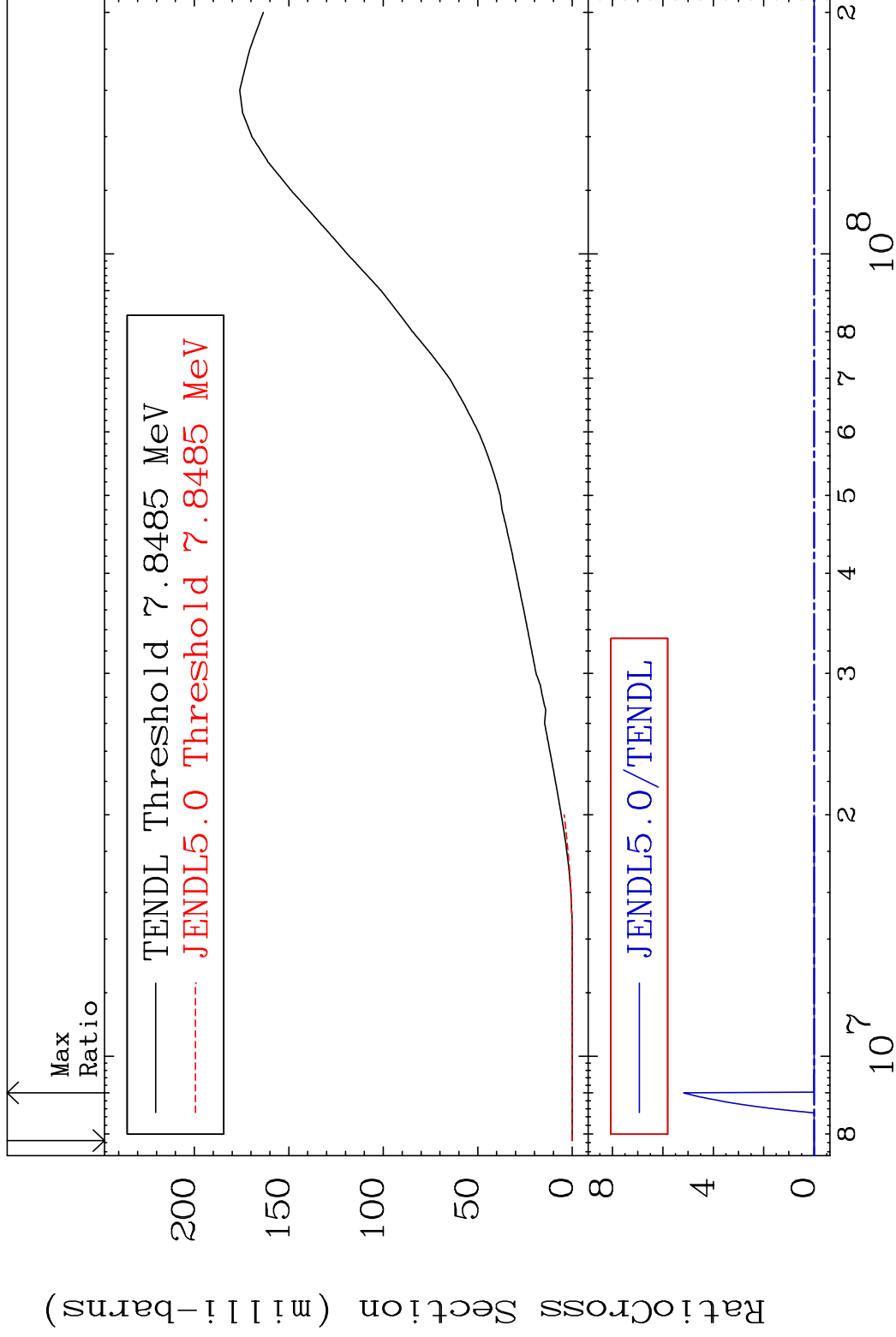
52-Te-130

MAT 5255

Deuterium Production

52-Te-130

Cross Section -100.0 To 9999. %

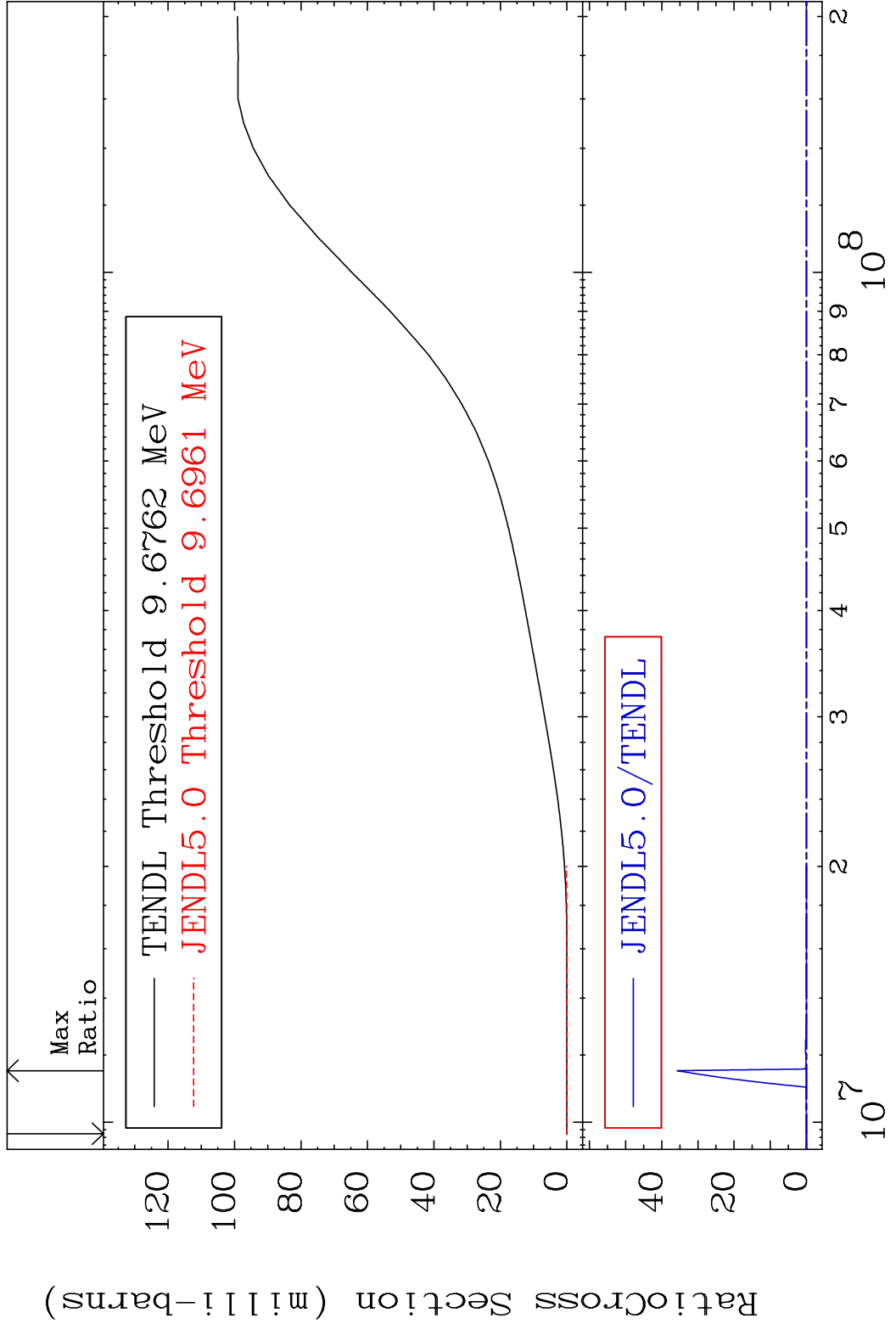


48

Incident Energy (eV)

52-Te-130

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



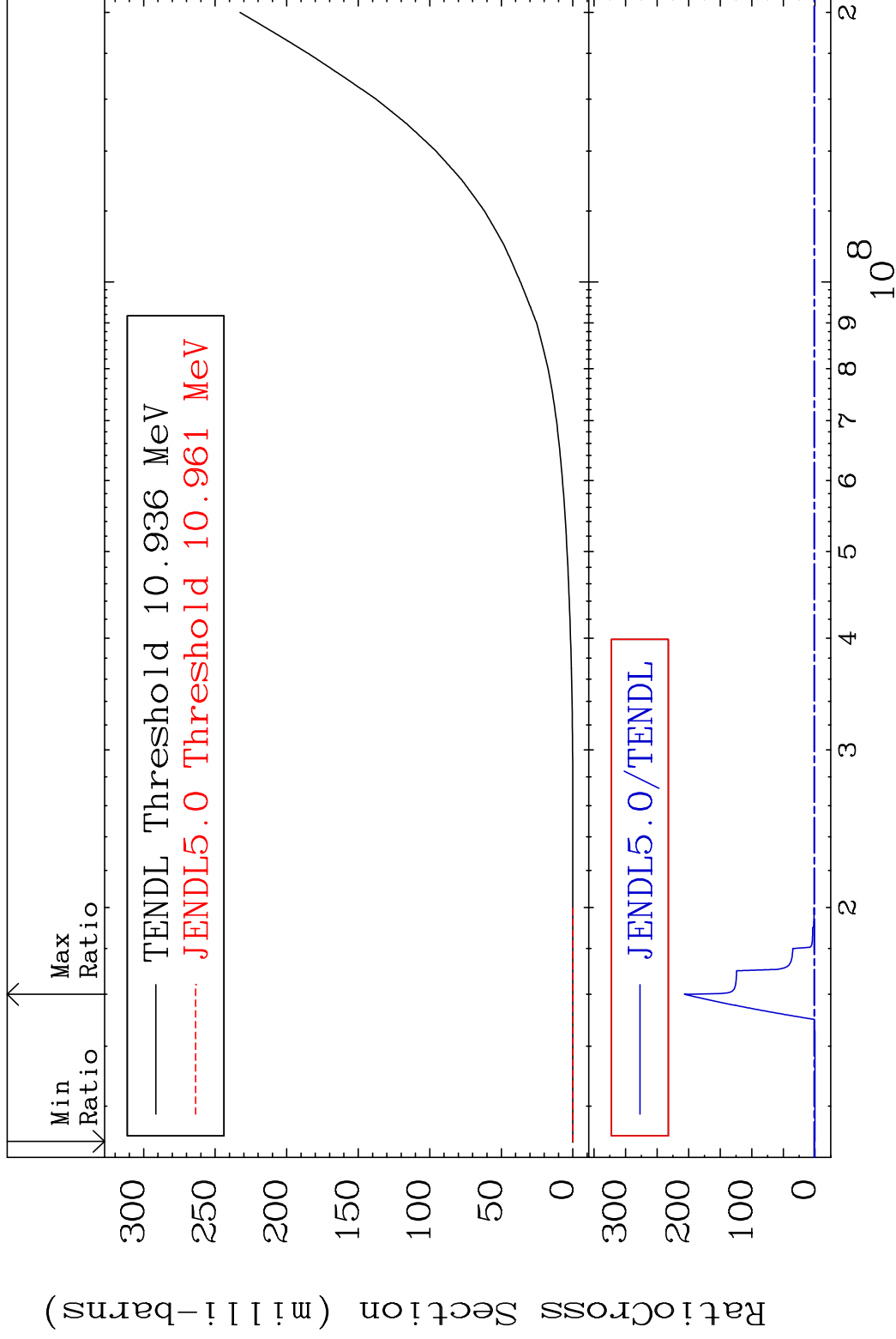
49 52-Te-130

MAT 5255

He-3 Production

52-Te-130

Cross Section -100.0 To 9999. %

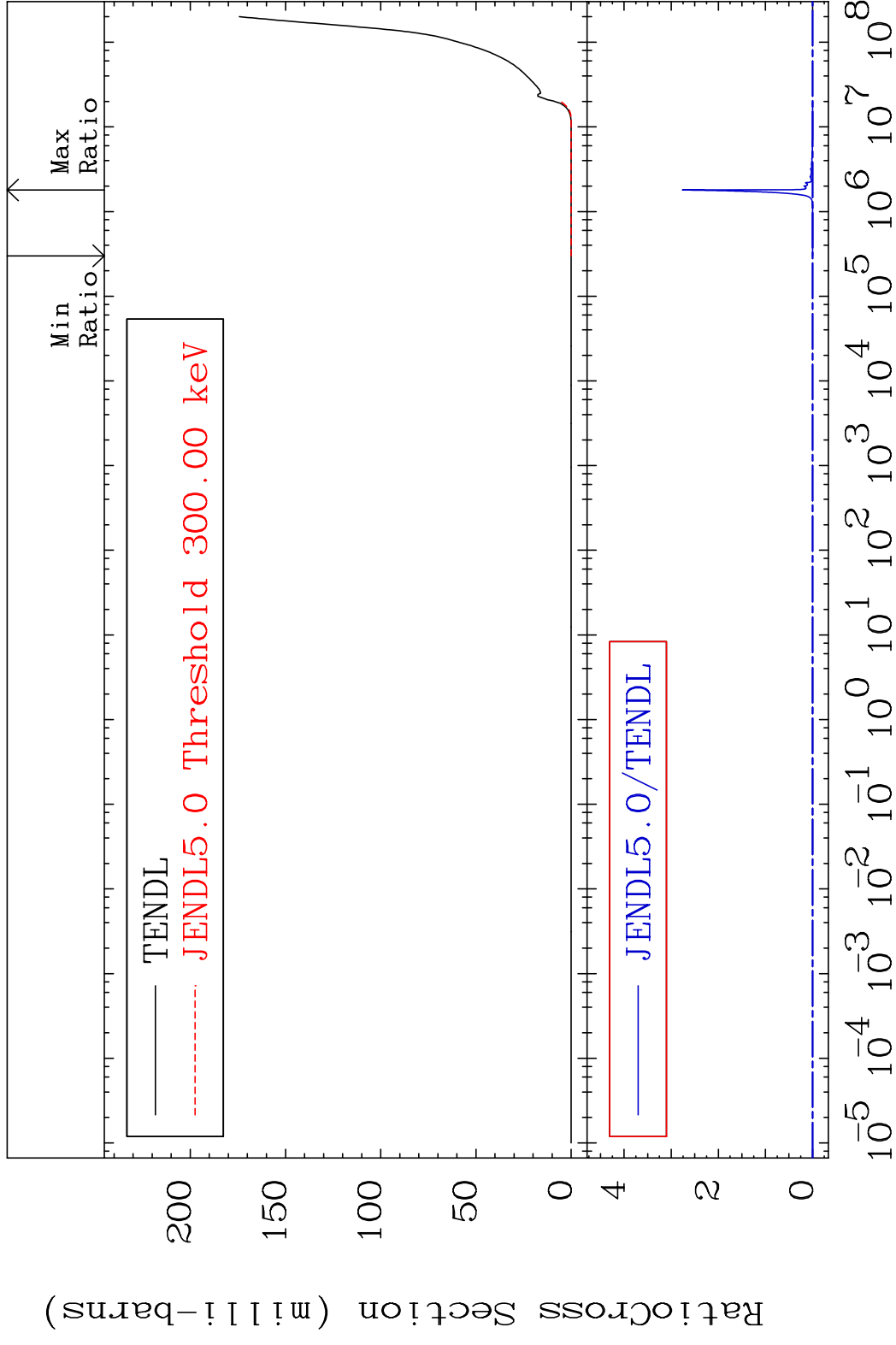


MAT 5255

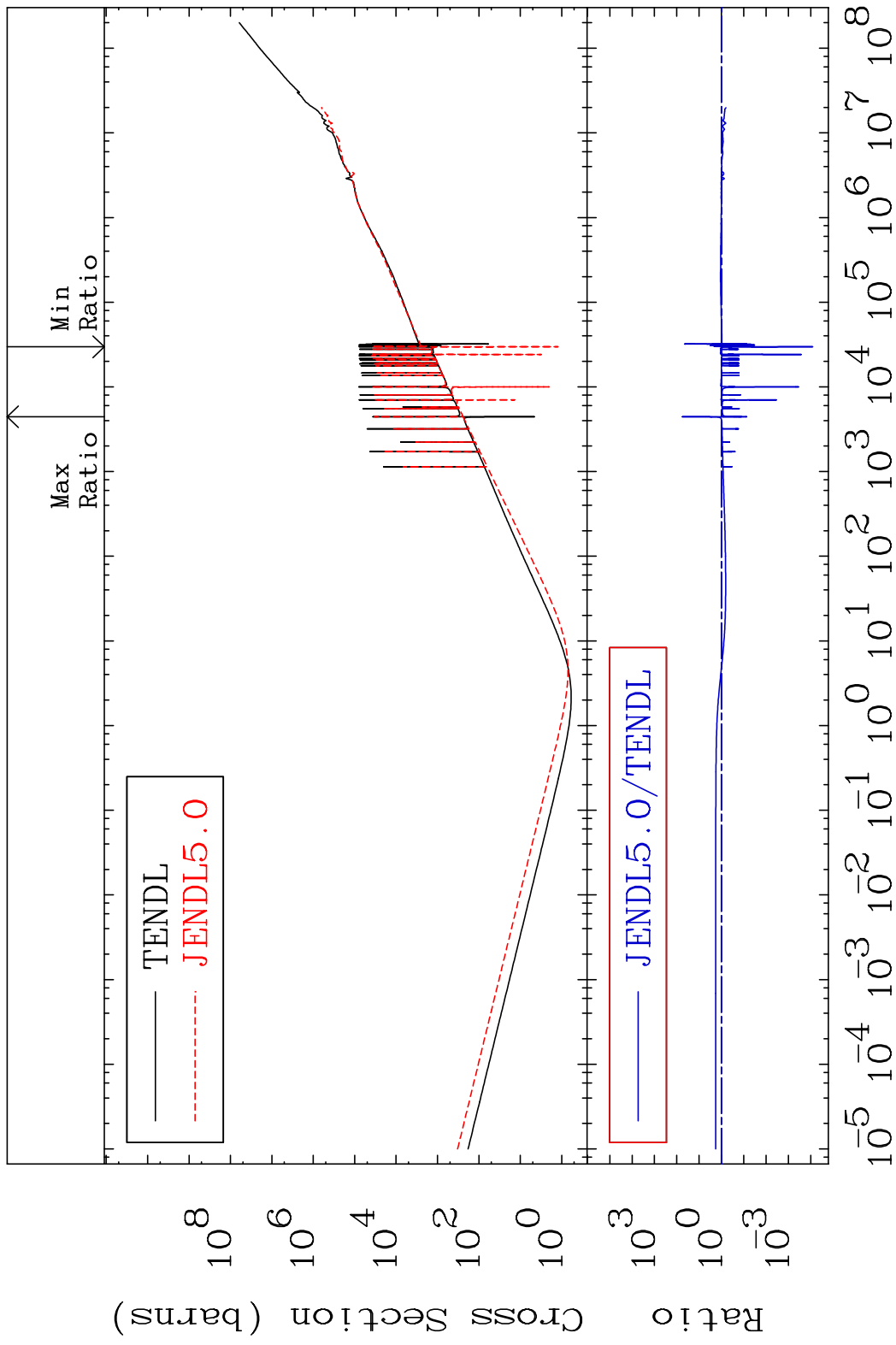
He-4 Production

52-Te-130

Cross Section -100.0 To 9999. %



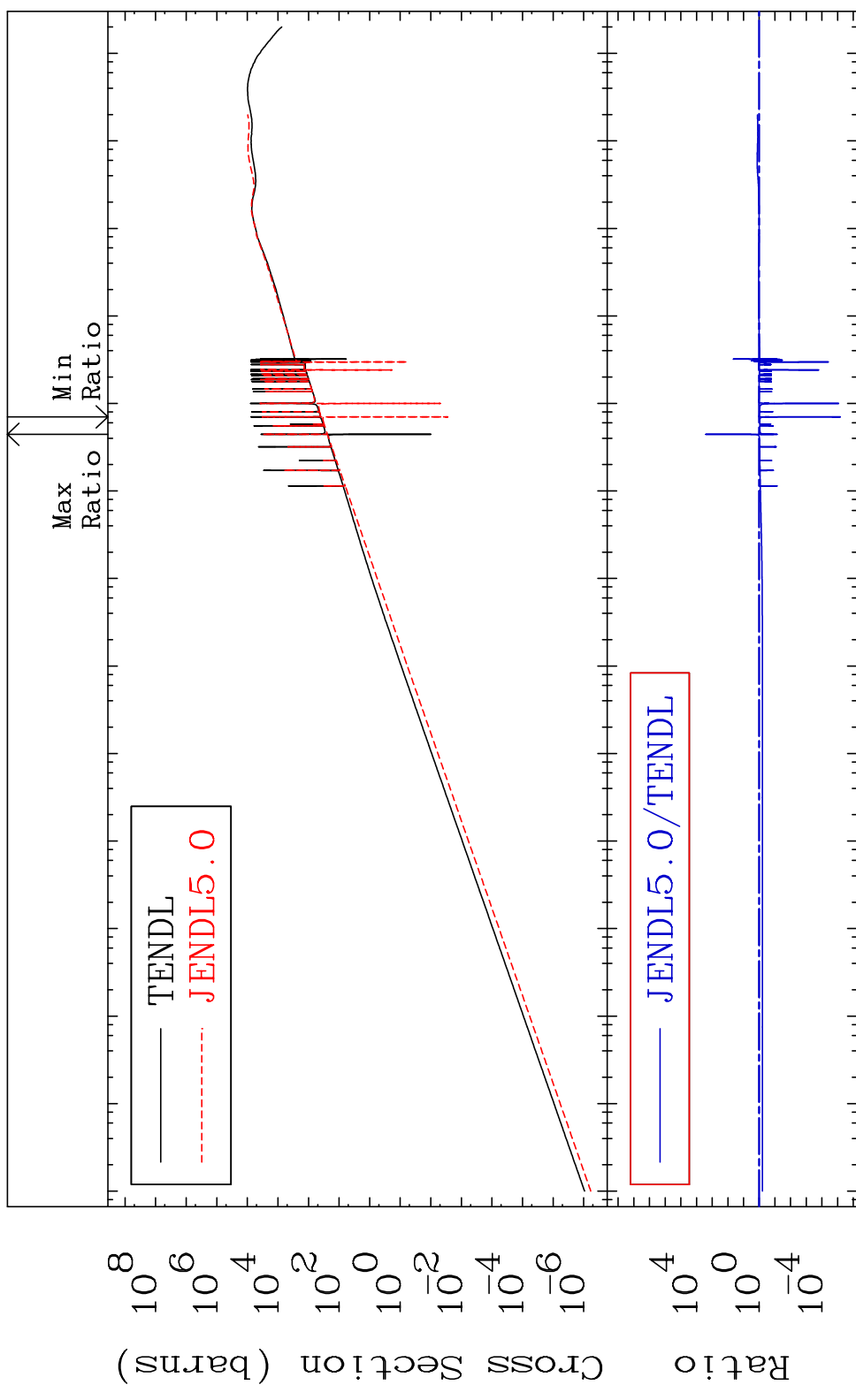
MAT 5255 Kerma total (eV-barns) 52-Te-130
 Cross Section -99.99 To 5518. %



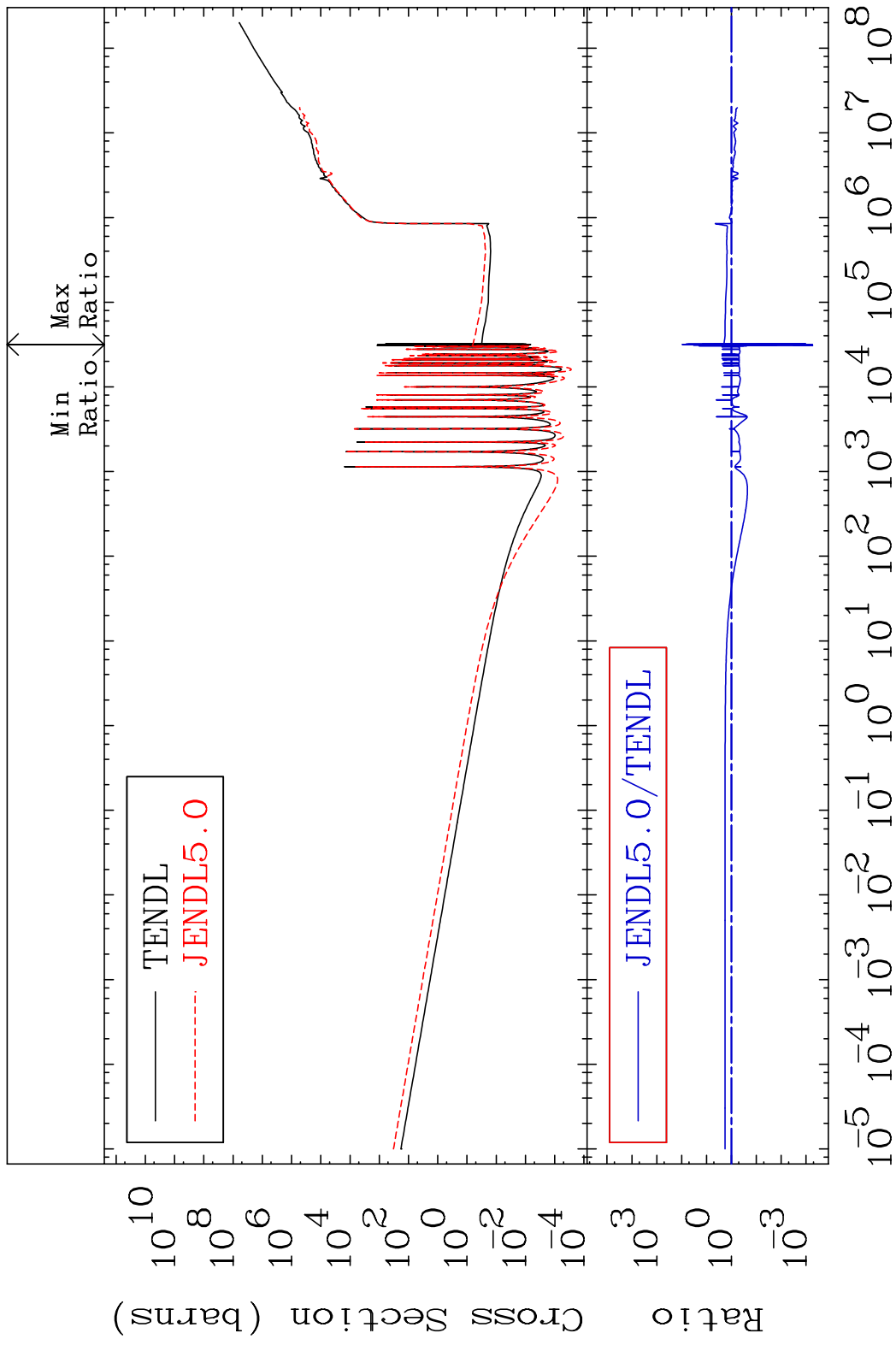
MAT 5255

Kerma elastic
Cross Section -100.0 To 9999. %

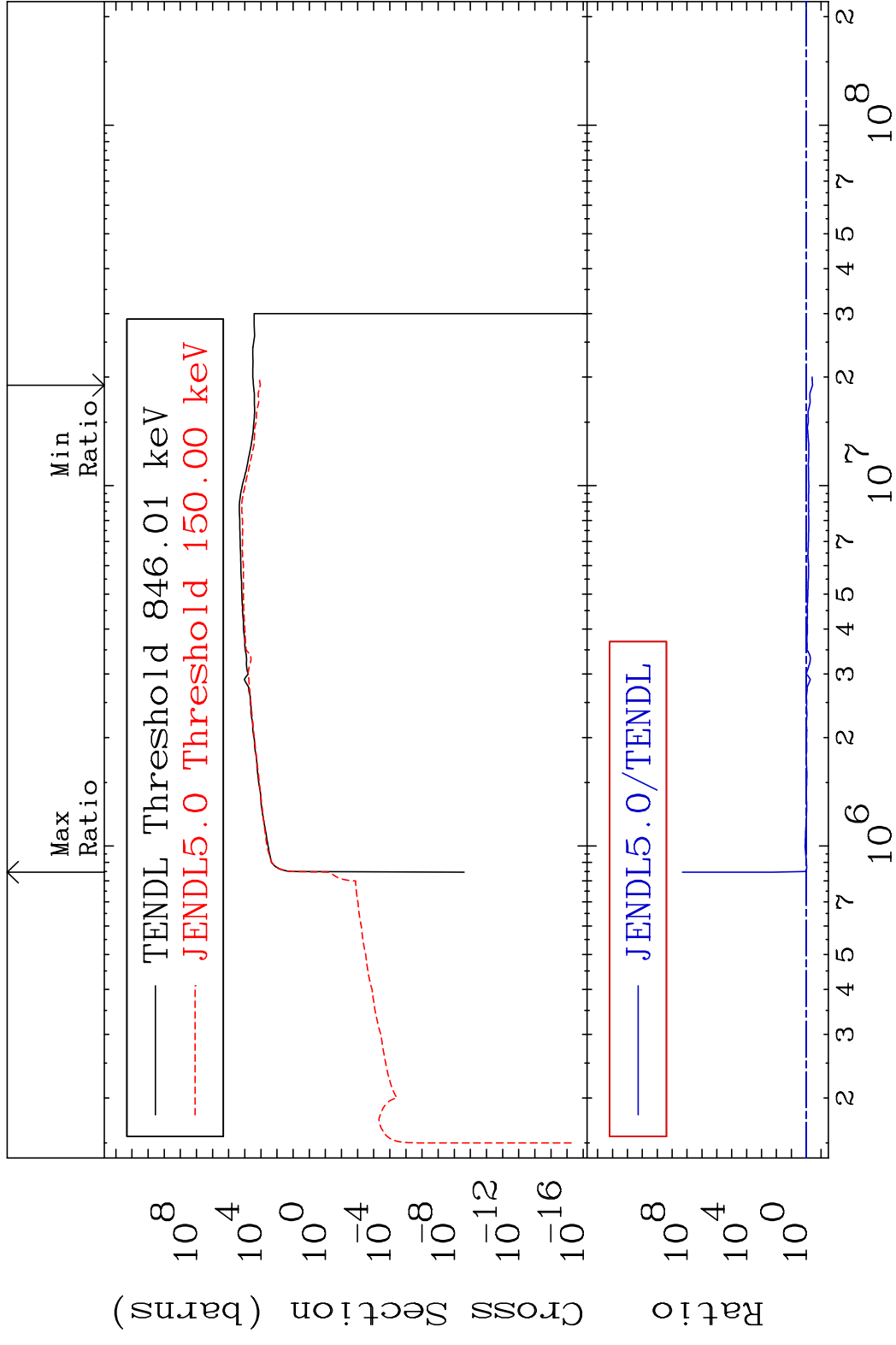
52-Te-130



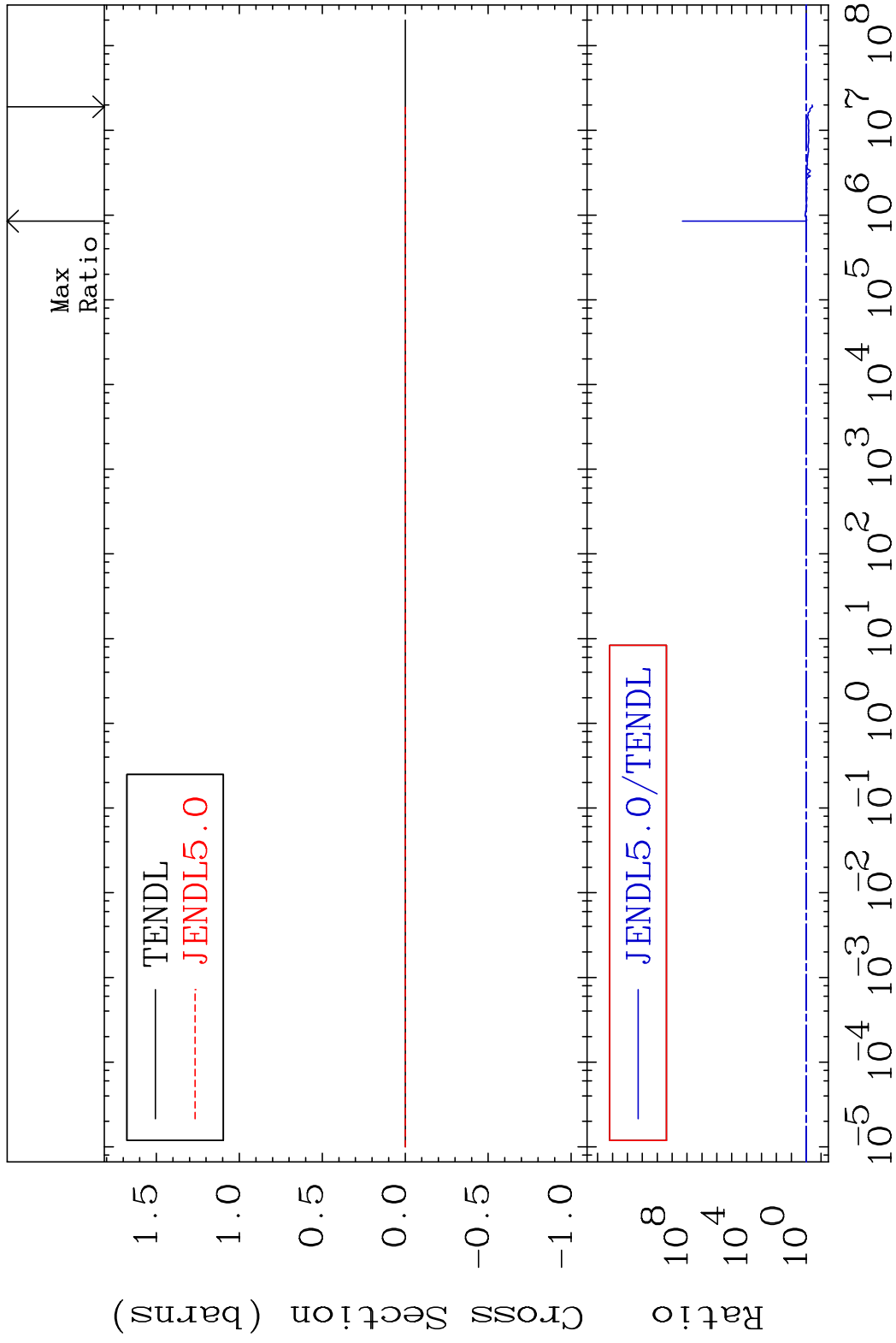
MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130
 Cross Section -99.95 To 9235. %



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. %

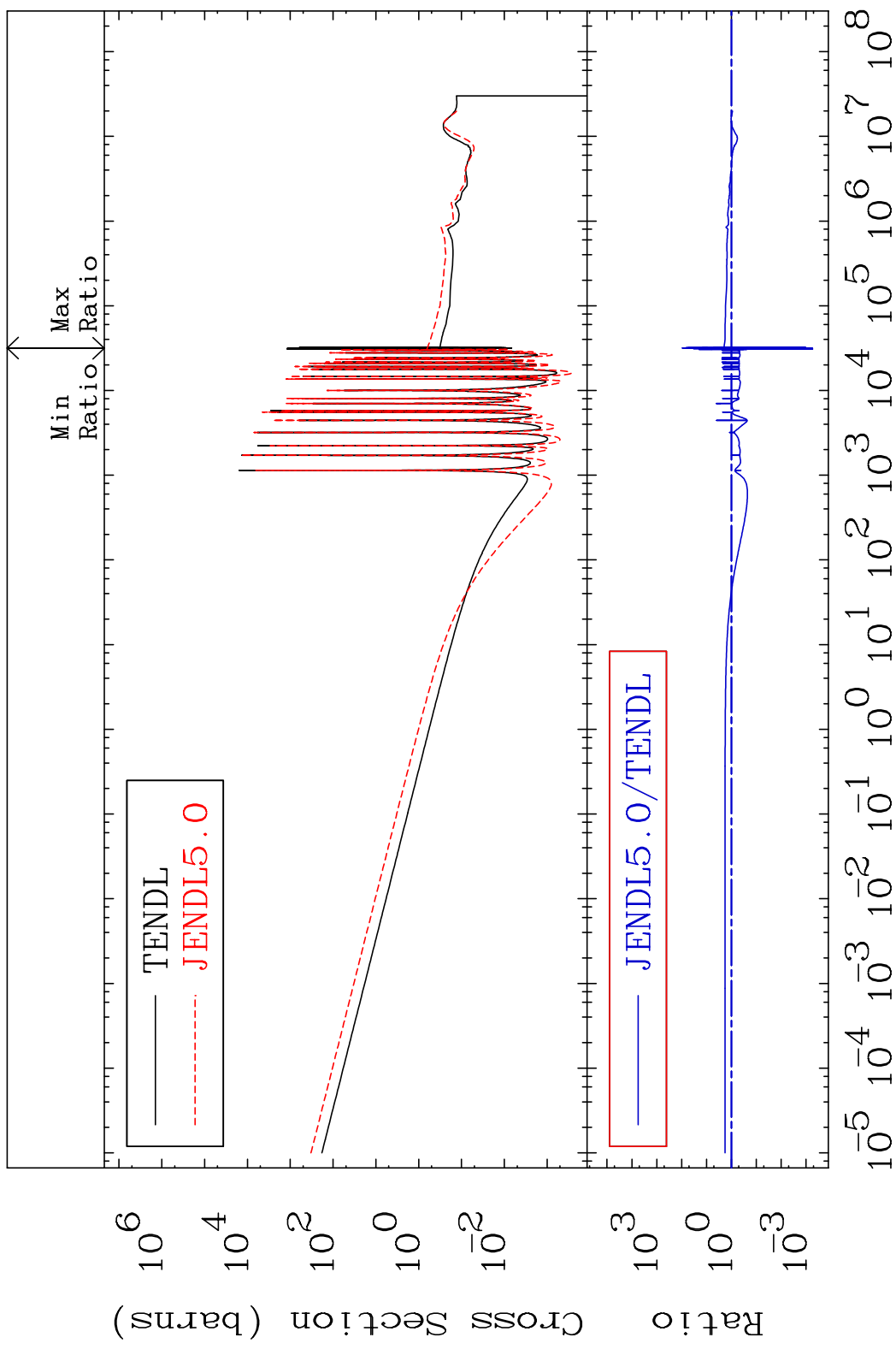


MAT 5255

Kerma capture (mt102)

52-Te-130

Cross Section -99.95 To 9235. %

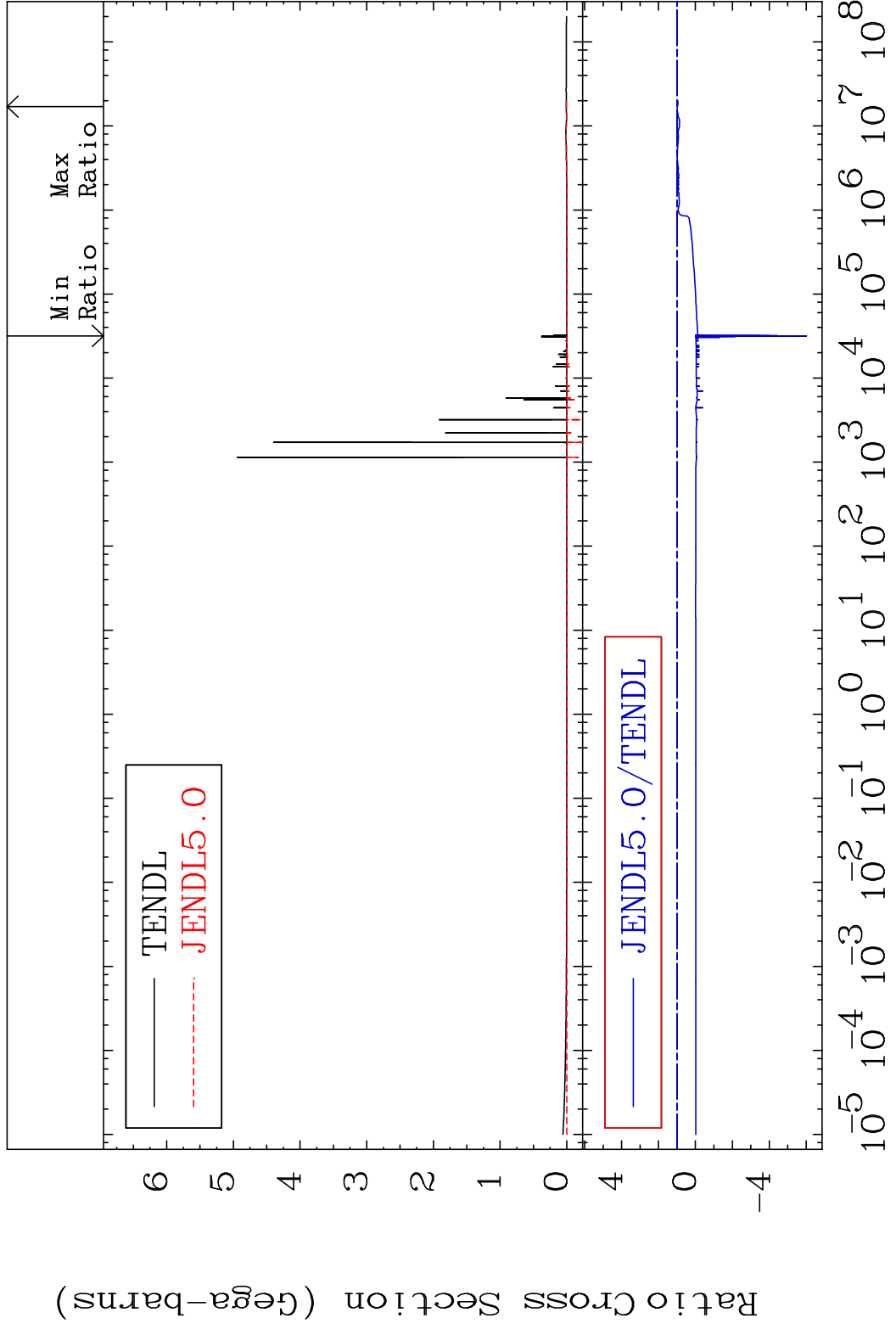


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Incident Energy (eV)

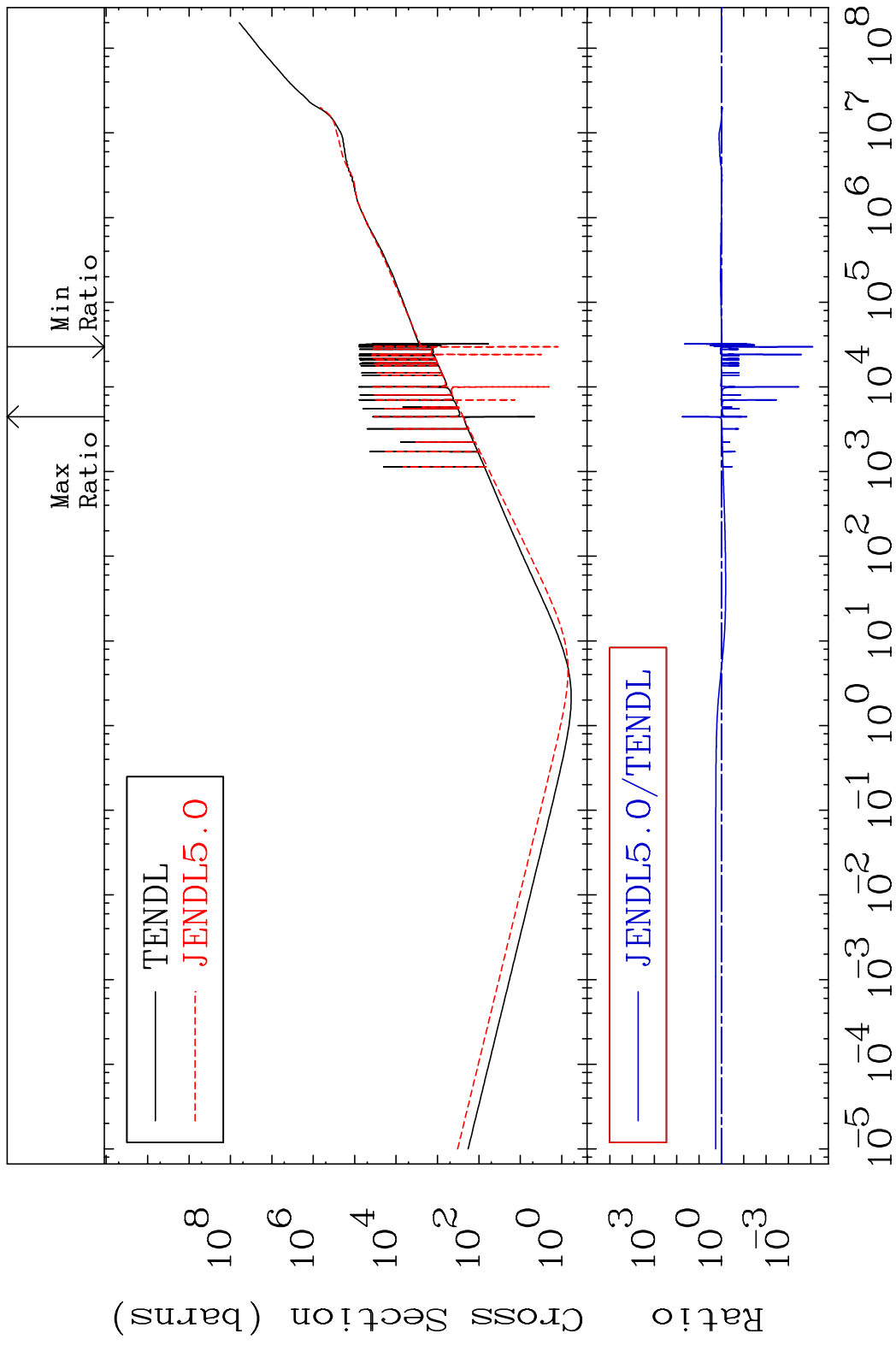
52-Te-130

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

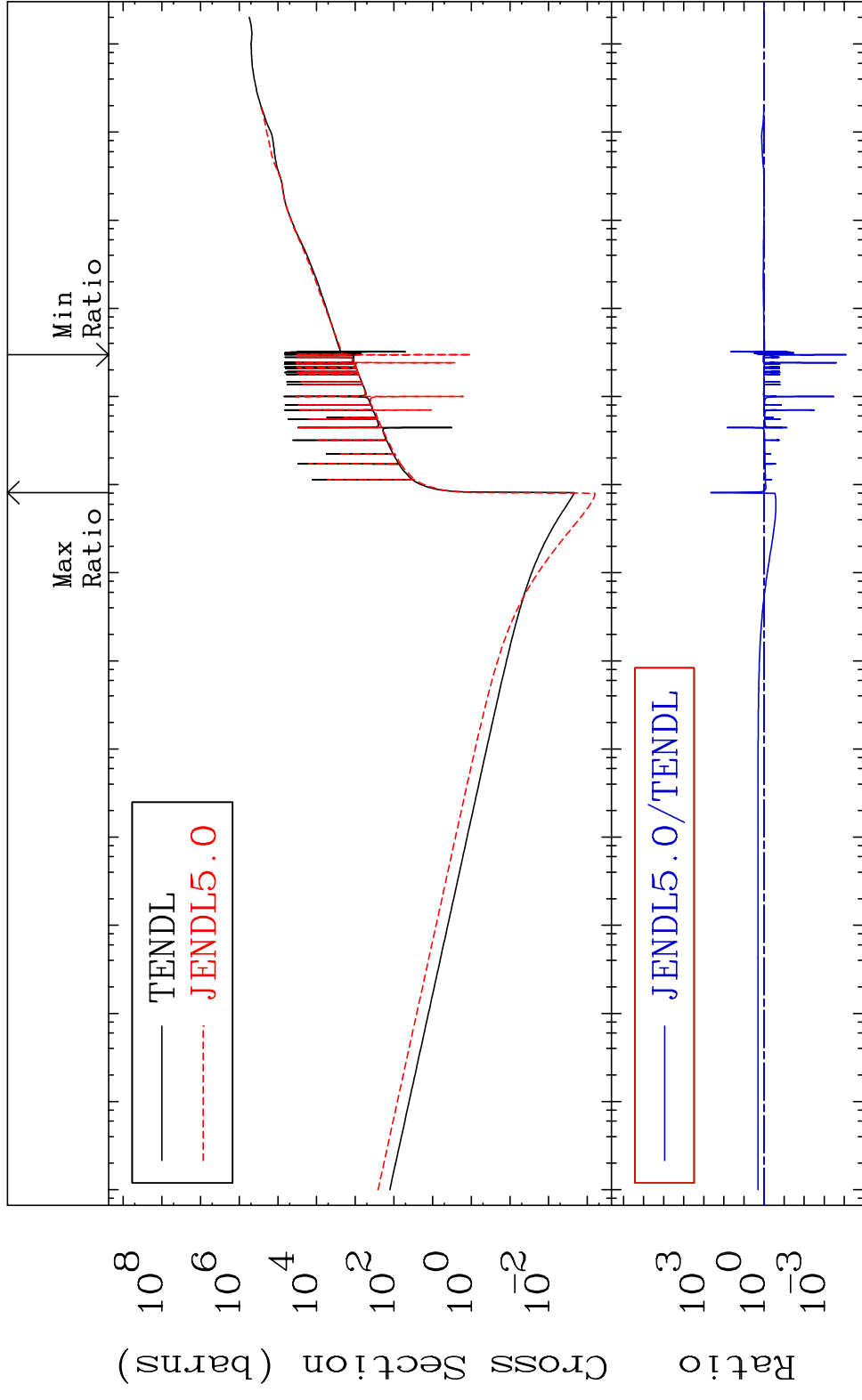


58 Incident Energy (eV) 52-Te-130

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. %



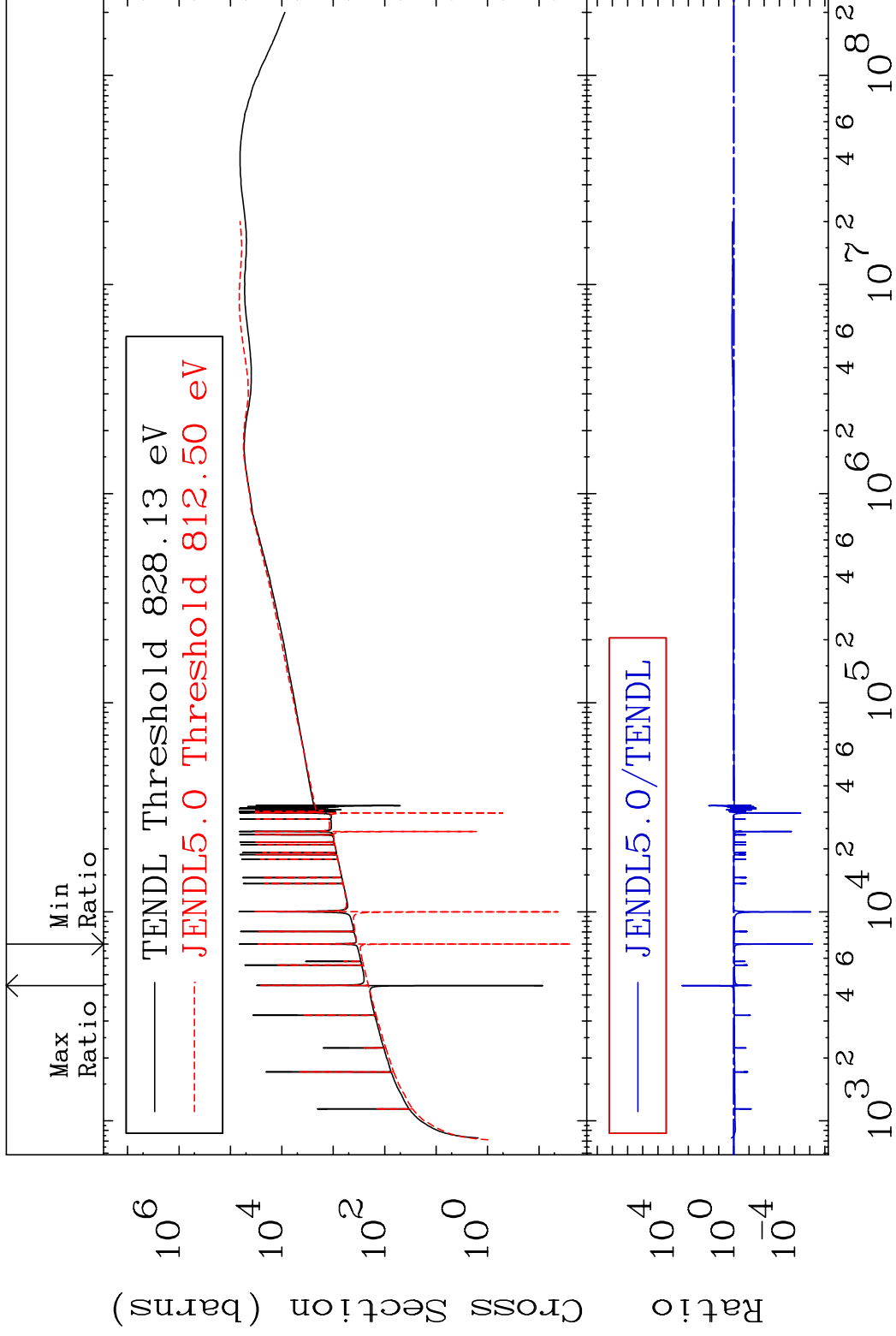
60 Incident Energy (eV) 52-Te-130

MAT 5255

Dpa elastic (mt2)

52-Te-130

Cross Section -100.0 To 9999. %



61

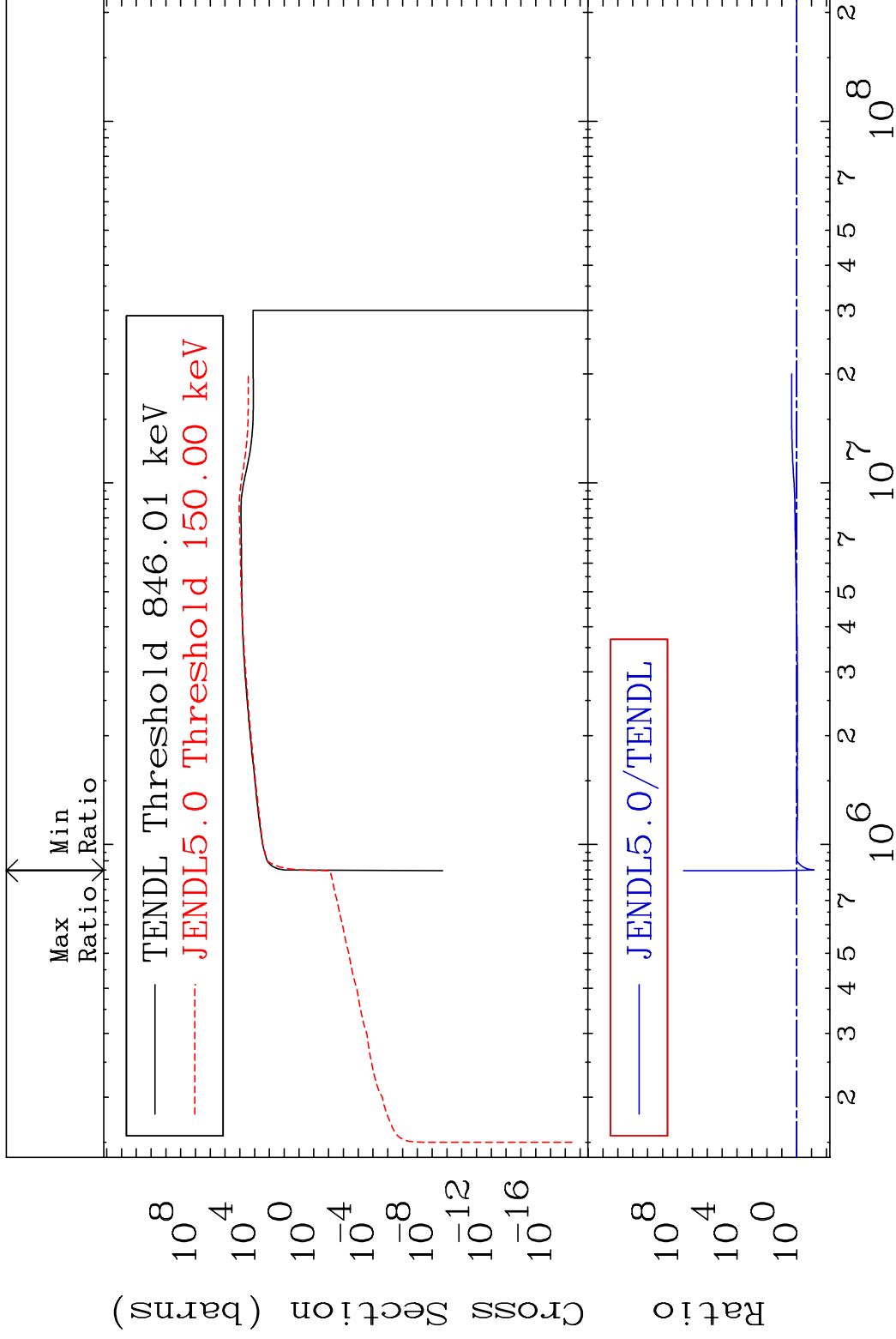
Incident Energy (eV)

52-Te-130

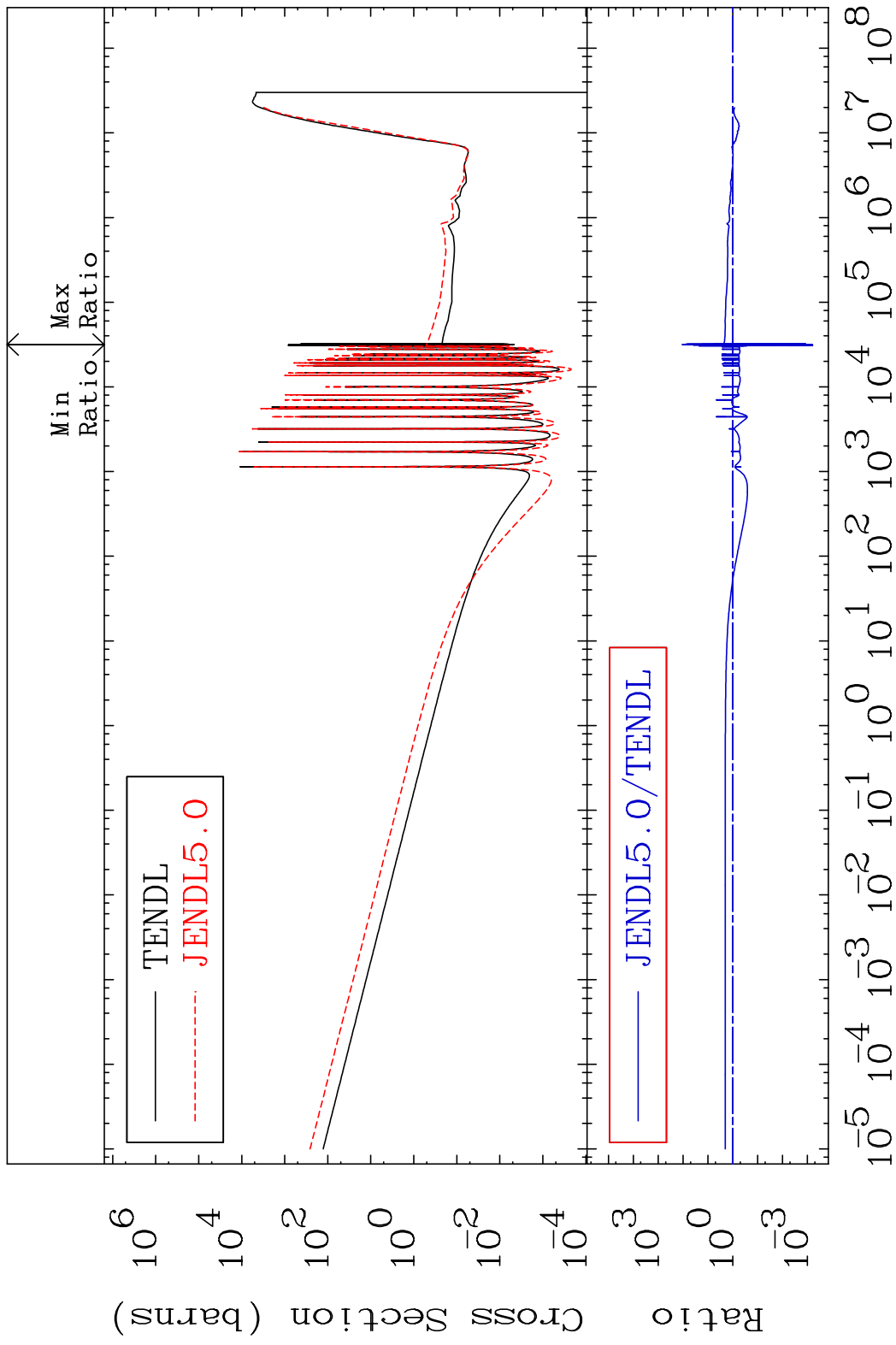
MAT 5255

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

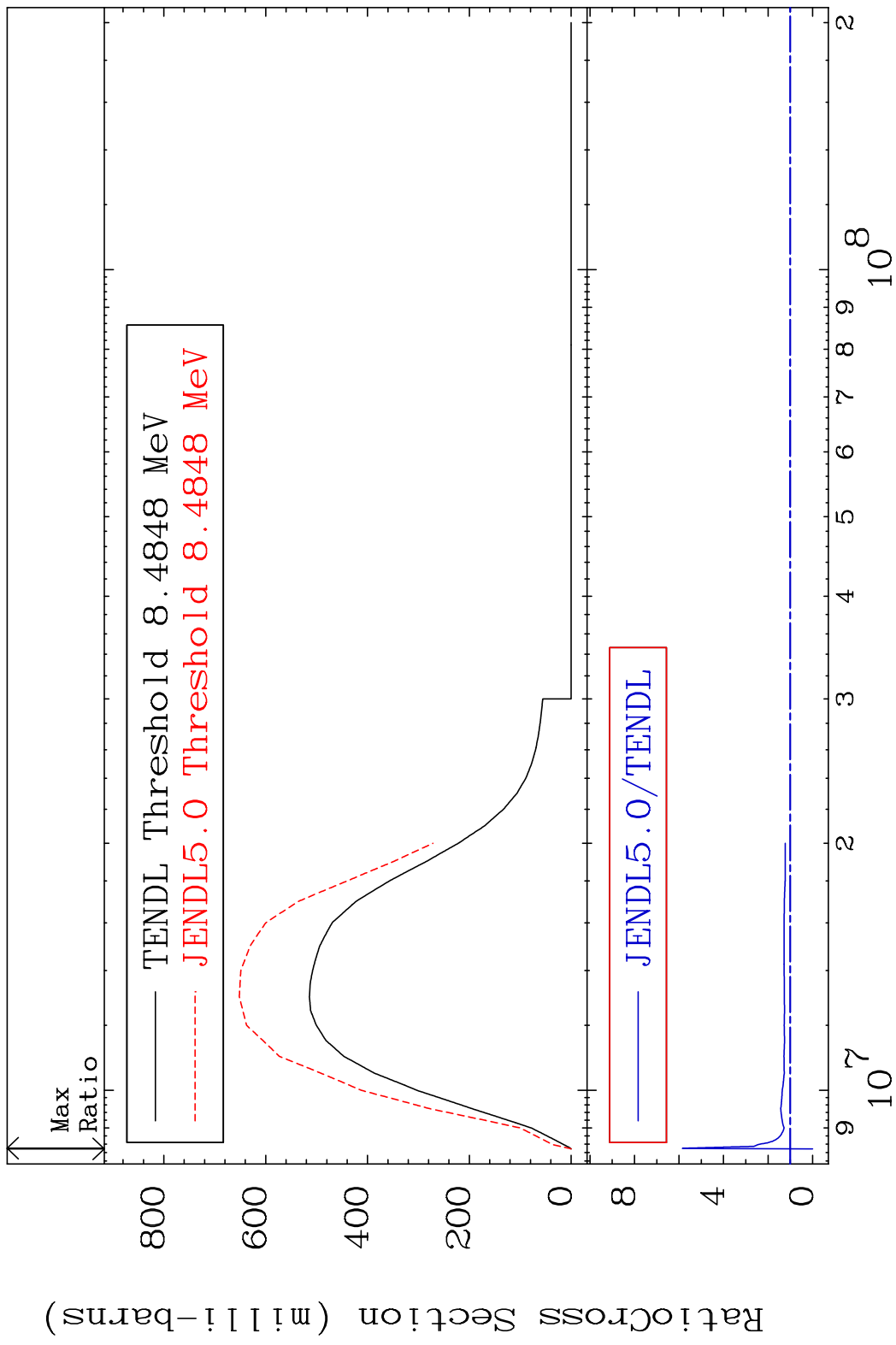
Cross Section -93.19 To 9999. %



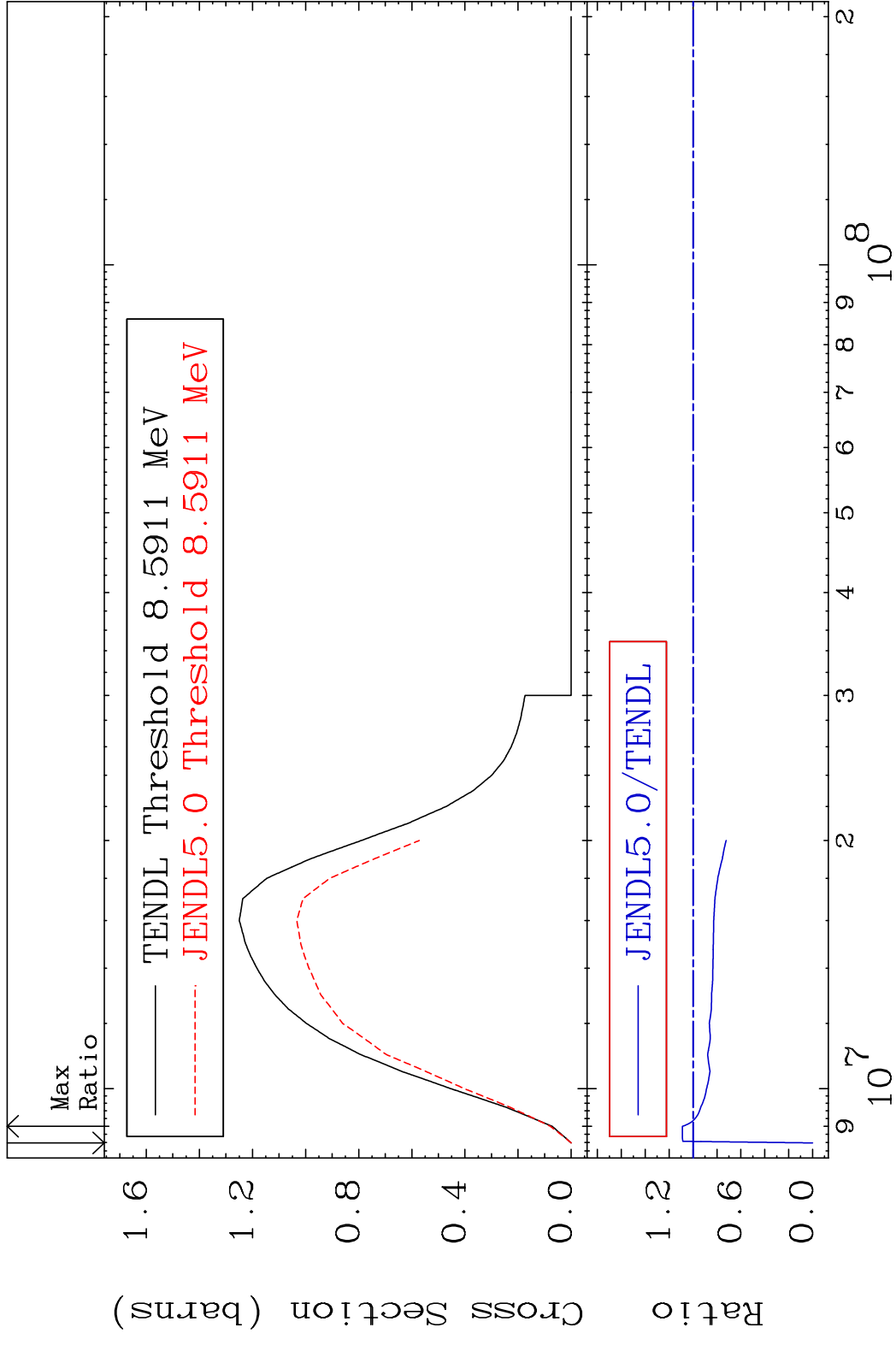
MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130
 Cross Section -99.94 To 9999. %



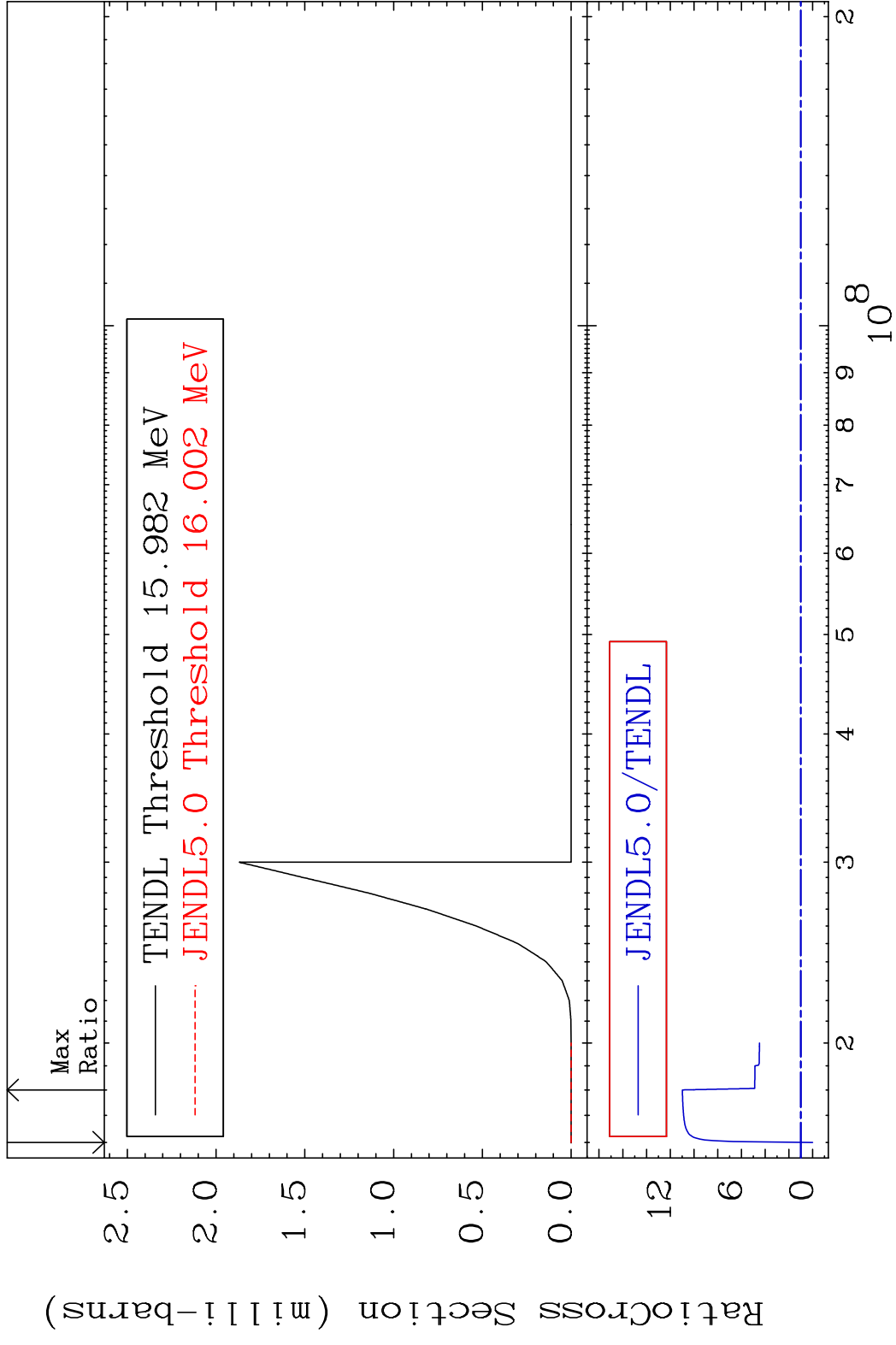
MAT 5255 (n,2n):52-Te-129g 52-Te-130
 Radionuclide Production Cross Section 180.01 dth 485.1 %



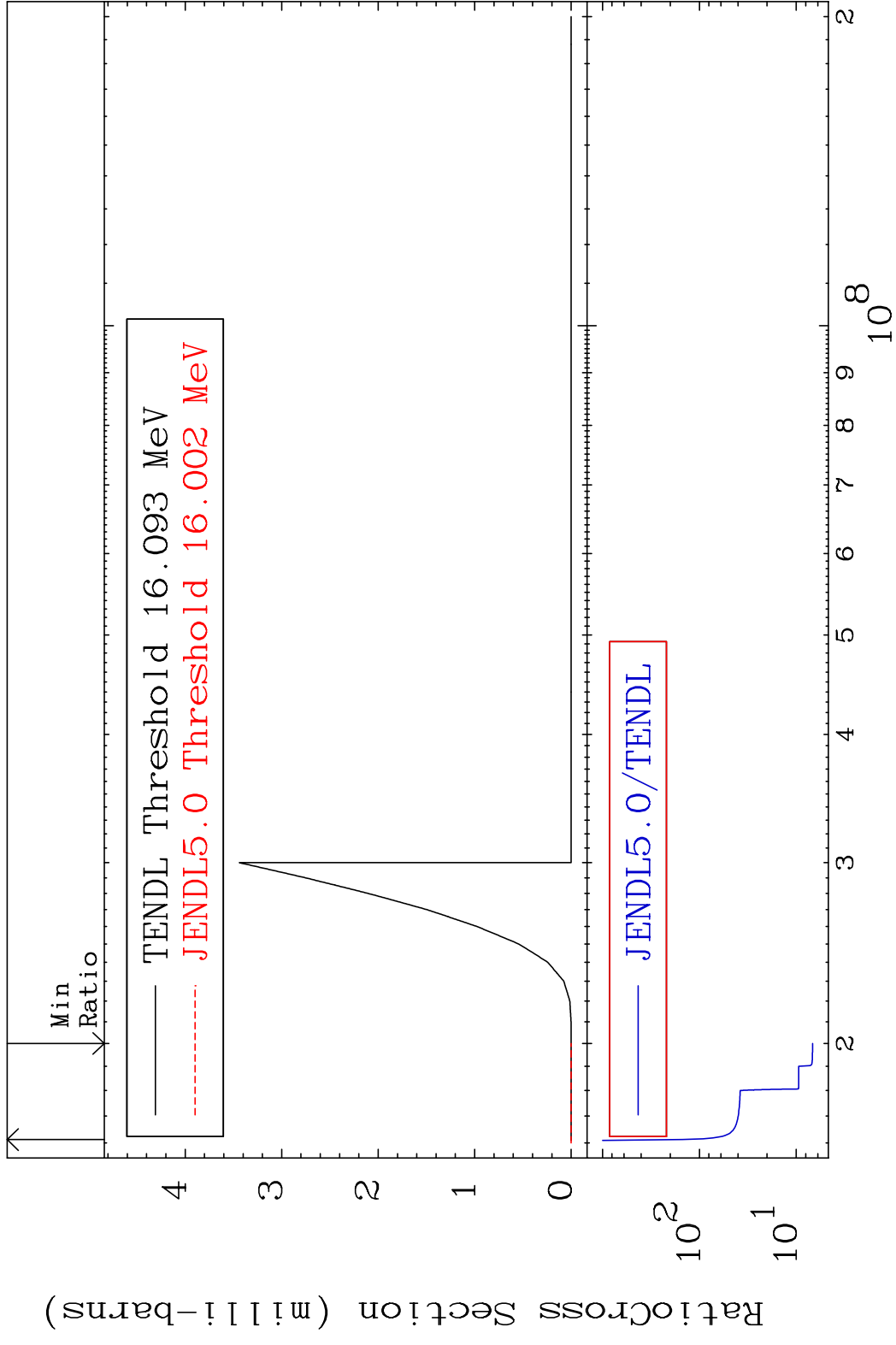
MAT 5255 (n,2n):52-Te-129m1 52-Te-130
 Radionuclide Production Cross Section 180.0 dth 8.940 %



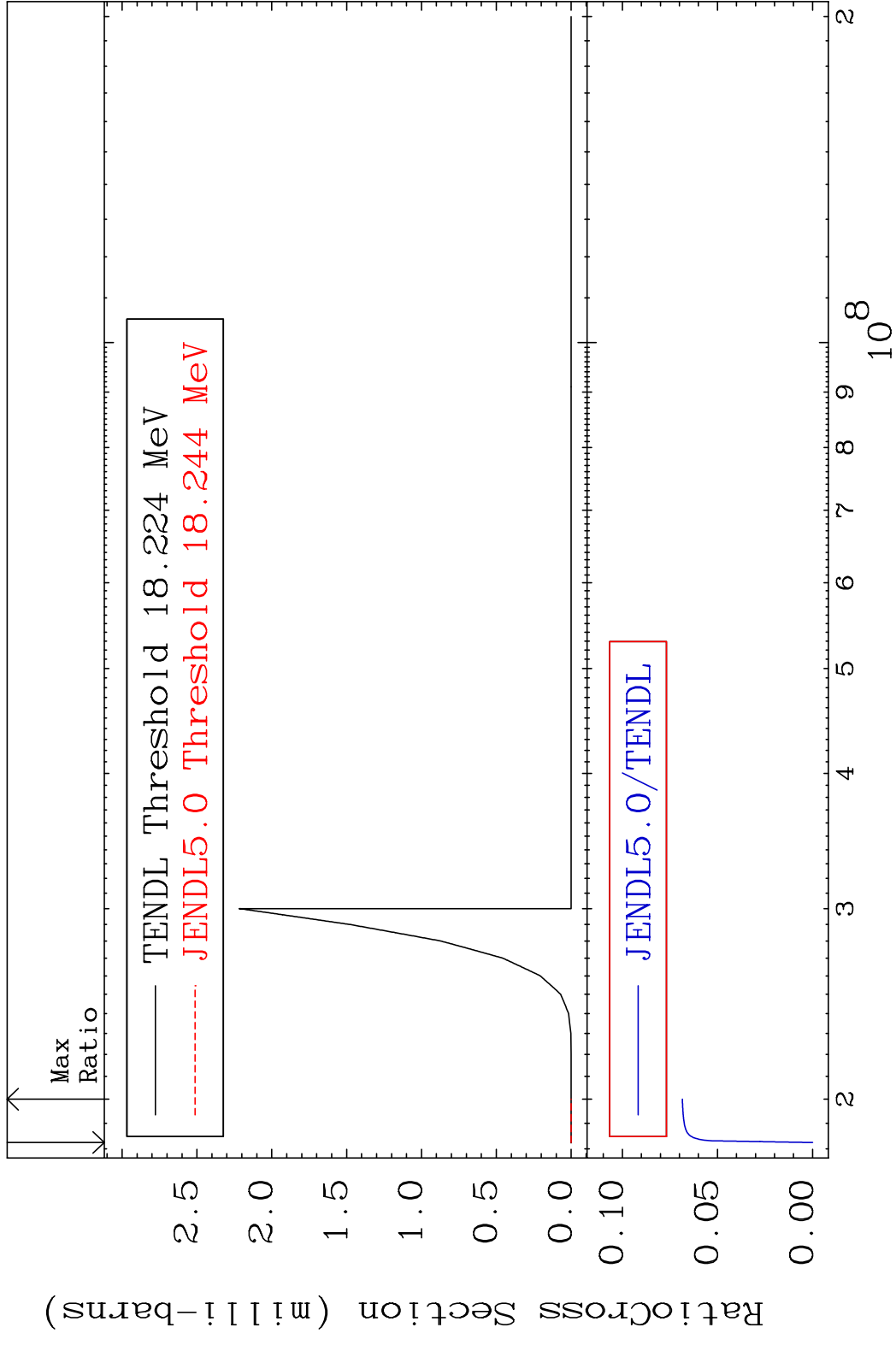
MAT 5255 (n, n') d:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section Ratio



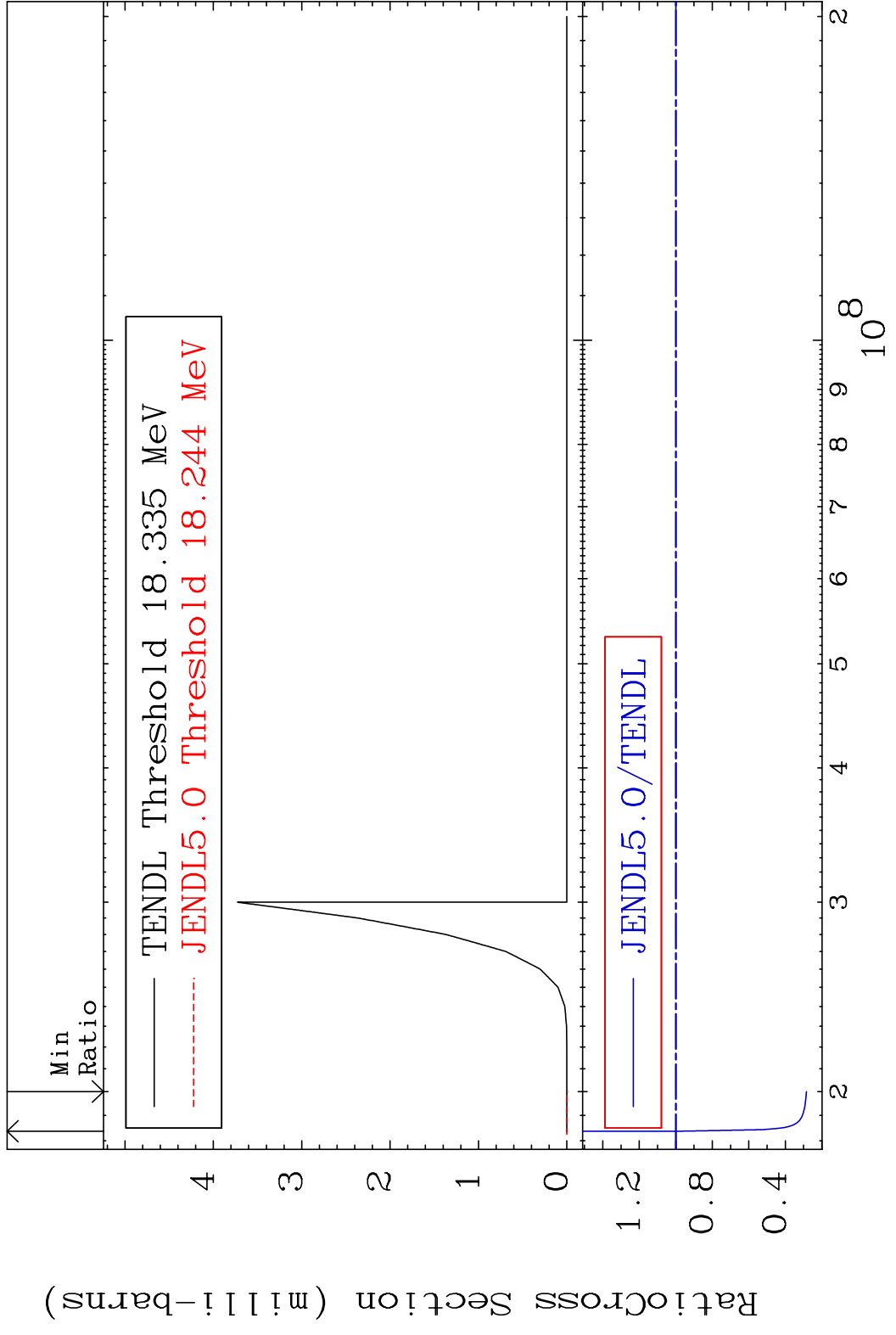
MAT 5255 (n, n') d:51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section to 9999. %



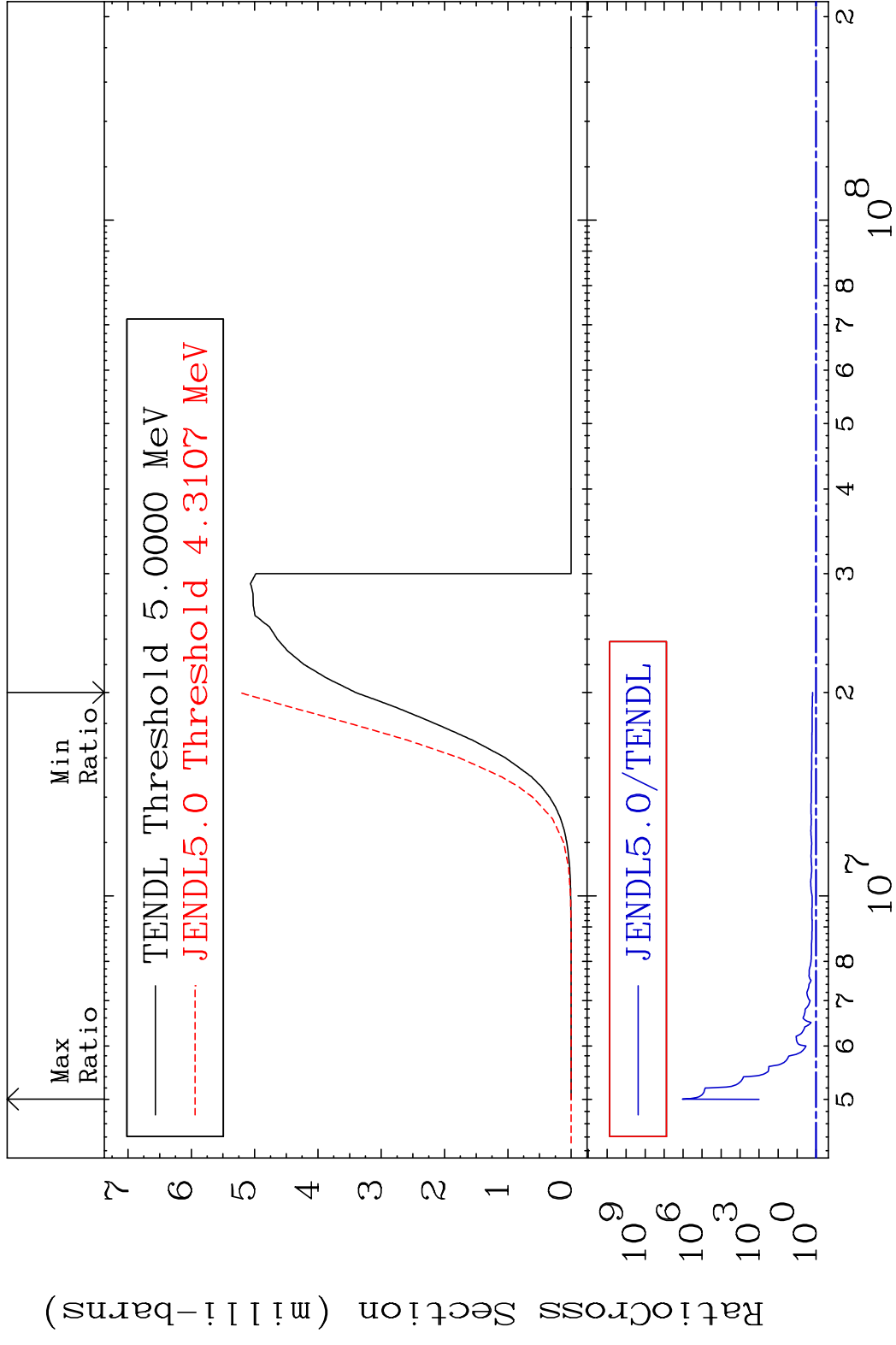
MAT 5255 (n,2n) p:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section Ratio



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

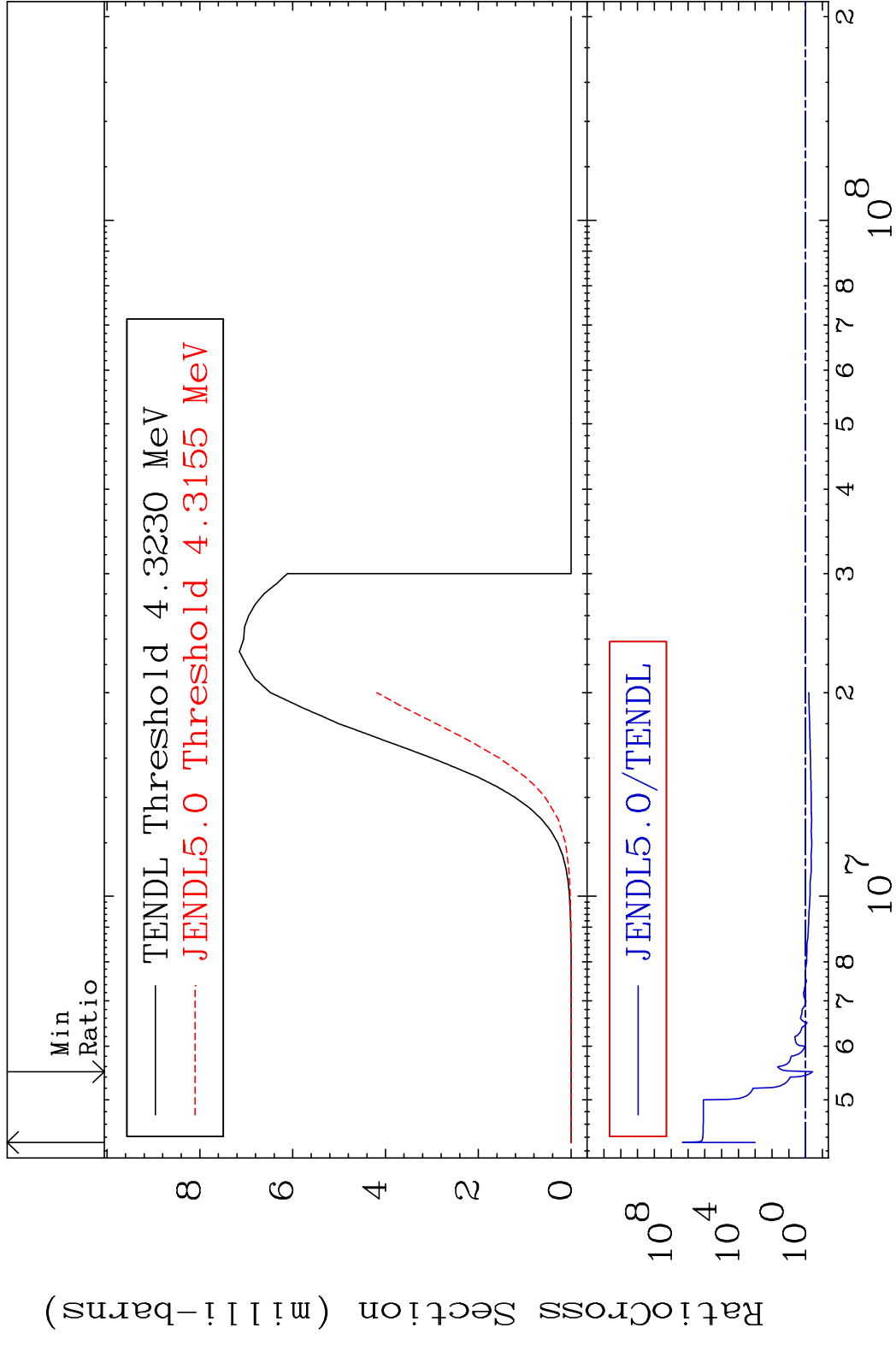


MAT 5255 (n,p):51-Sb-130g 52-Te-130
 Radionuclide Production Cross Section 9999. %

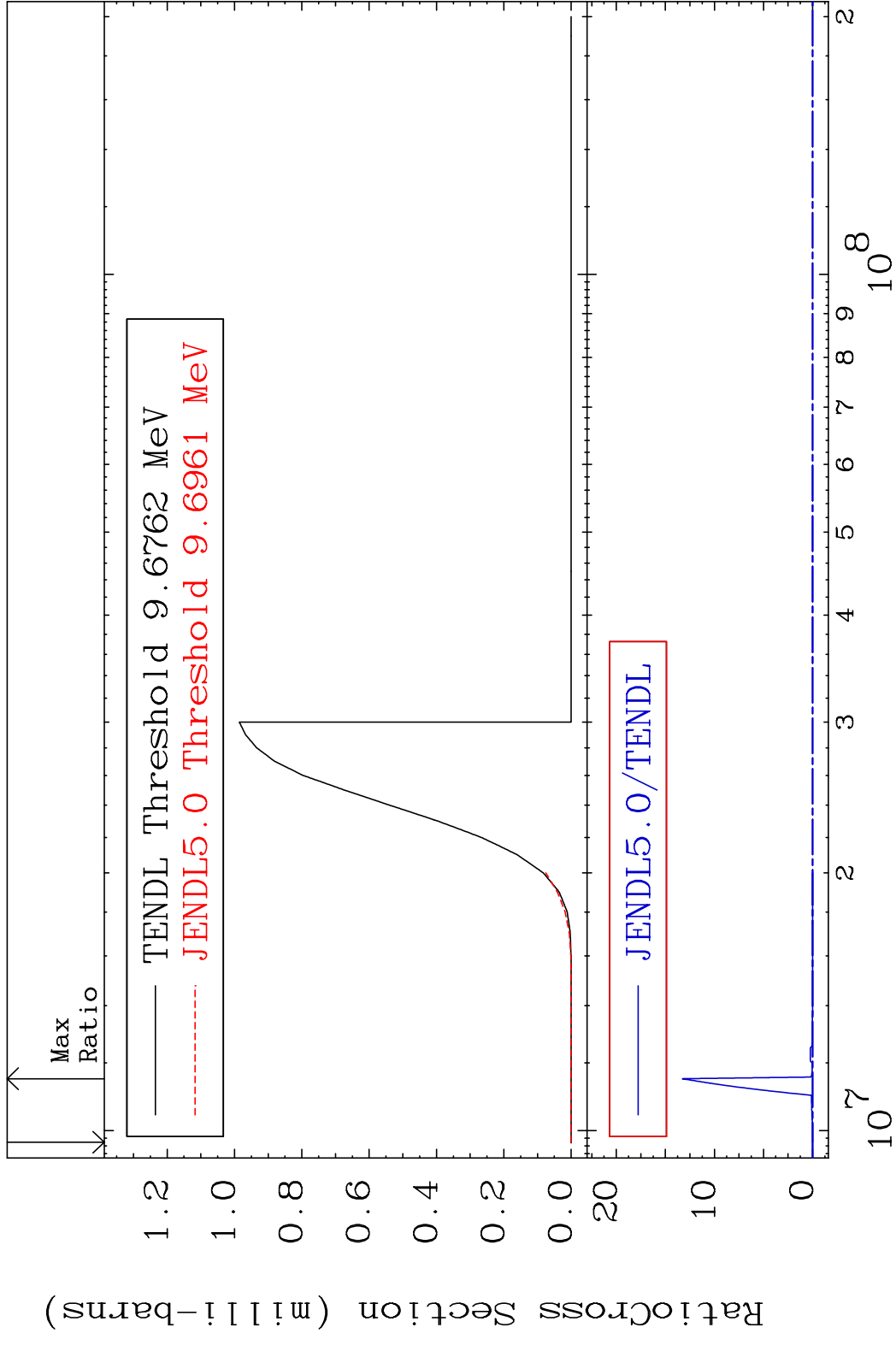


70 Incident Energy (eV) 52-Te-130

MAT 5255 (n,p):51-Sb-130m1 52-Te-130
 Radionuclide Production Cross Section 68e25d10 9999. %

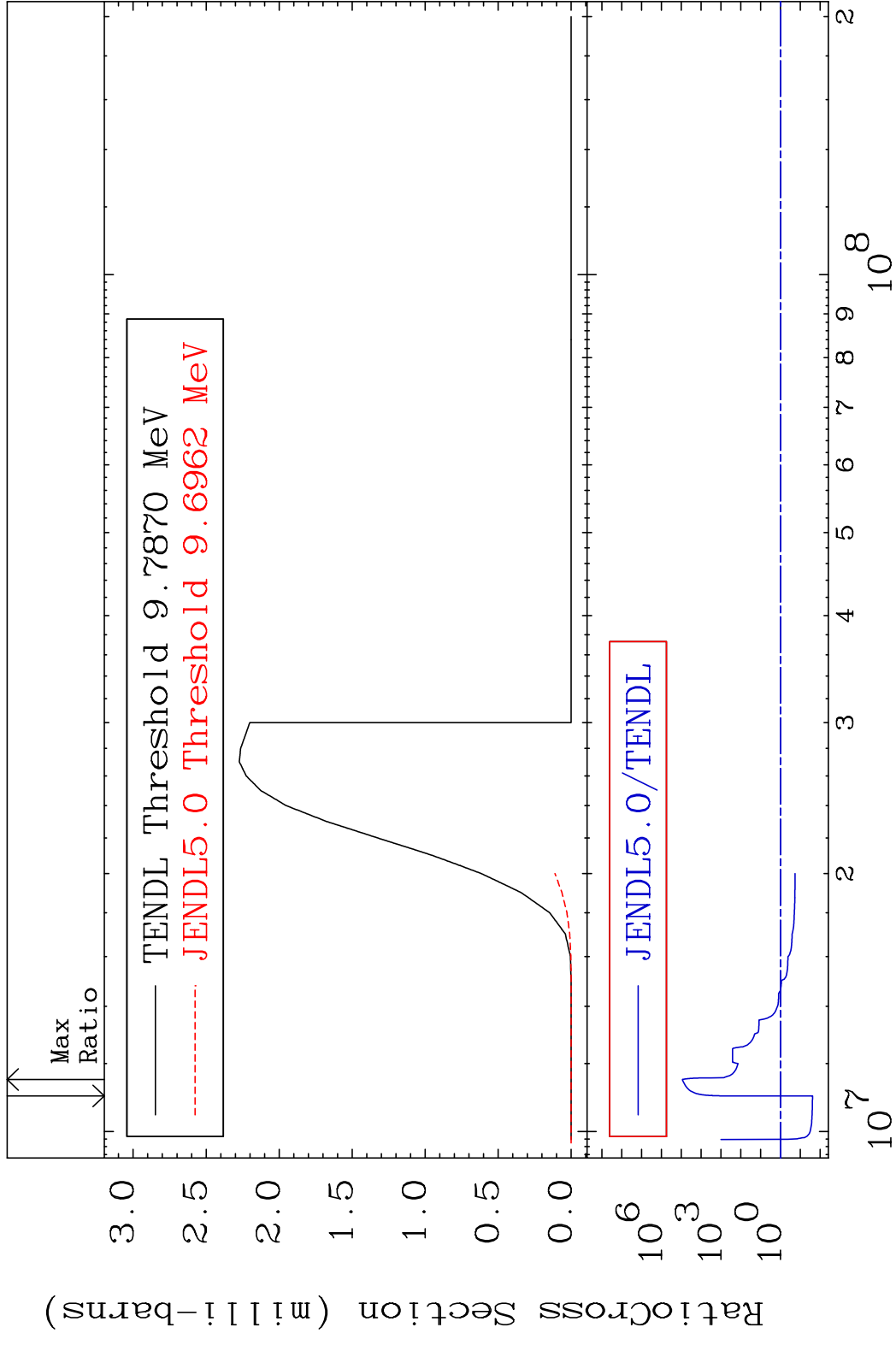


MAT 5255 (n, t):51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 100.00 dth 9999. %



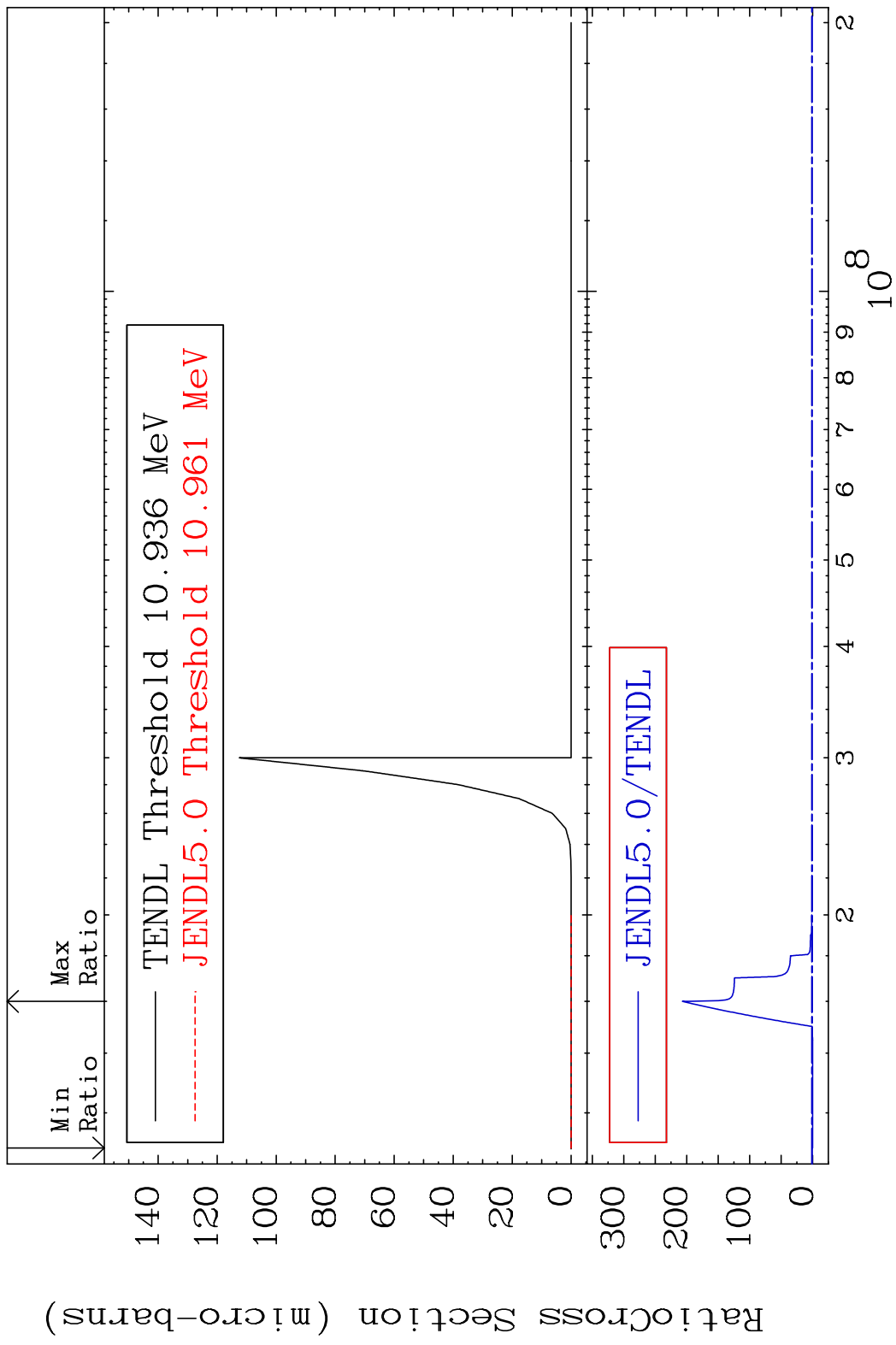
72 Incident Energy (eV) 52-Te-130

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

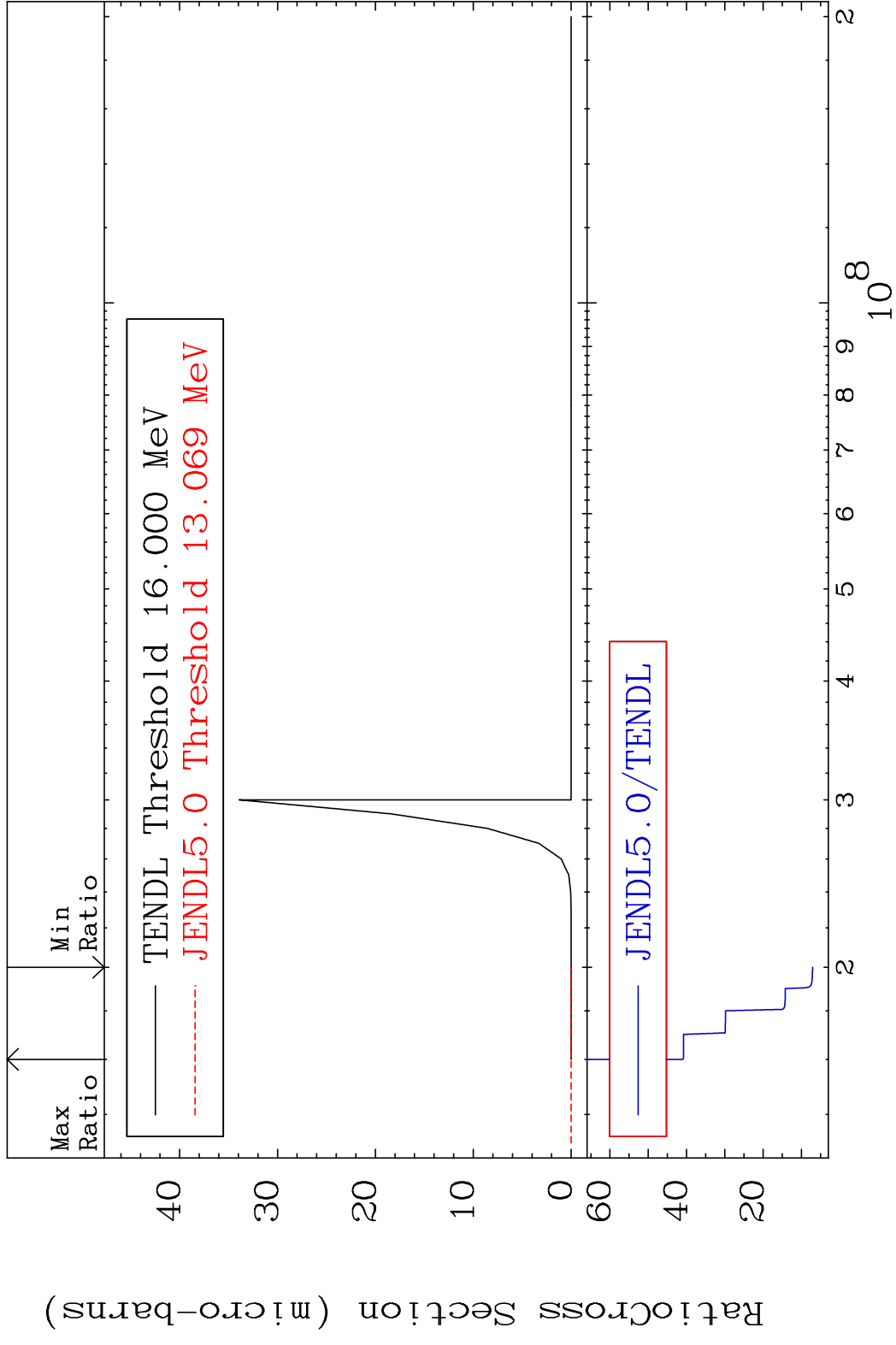


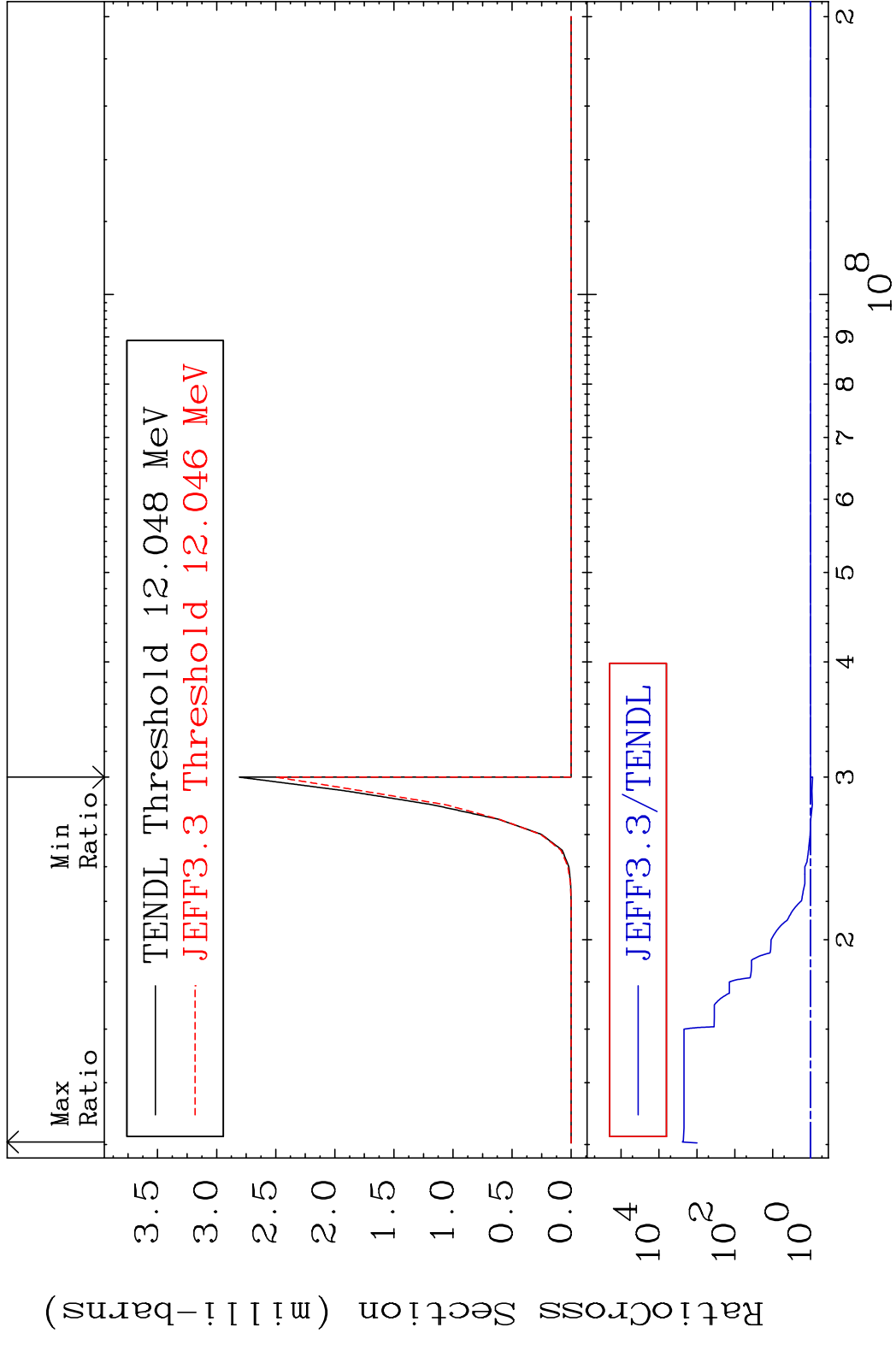
73 Incident Energy (eV) 52-Te-130

MAT 5255 (n, He-3):50-Sn-128g 52-Te-130
 Radionuclide Production Cross Section Ratio 9999. %

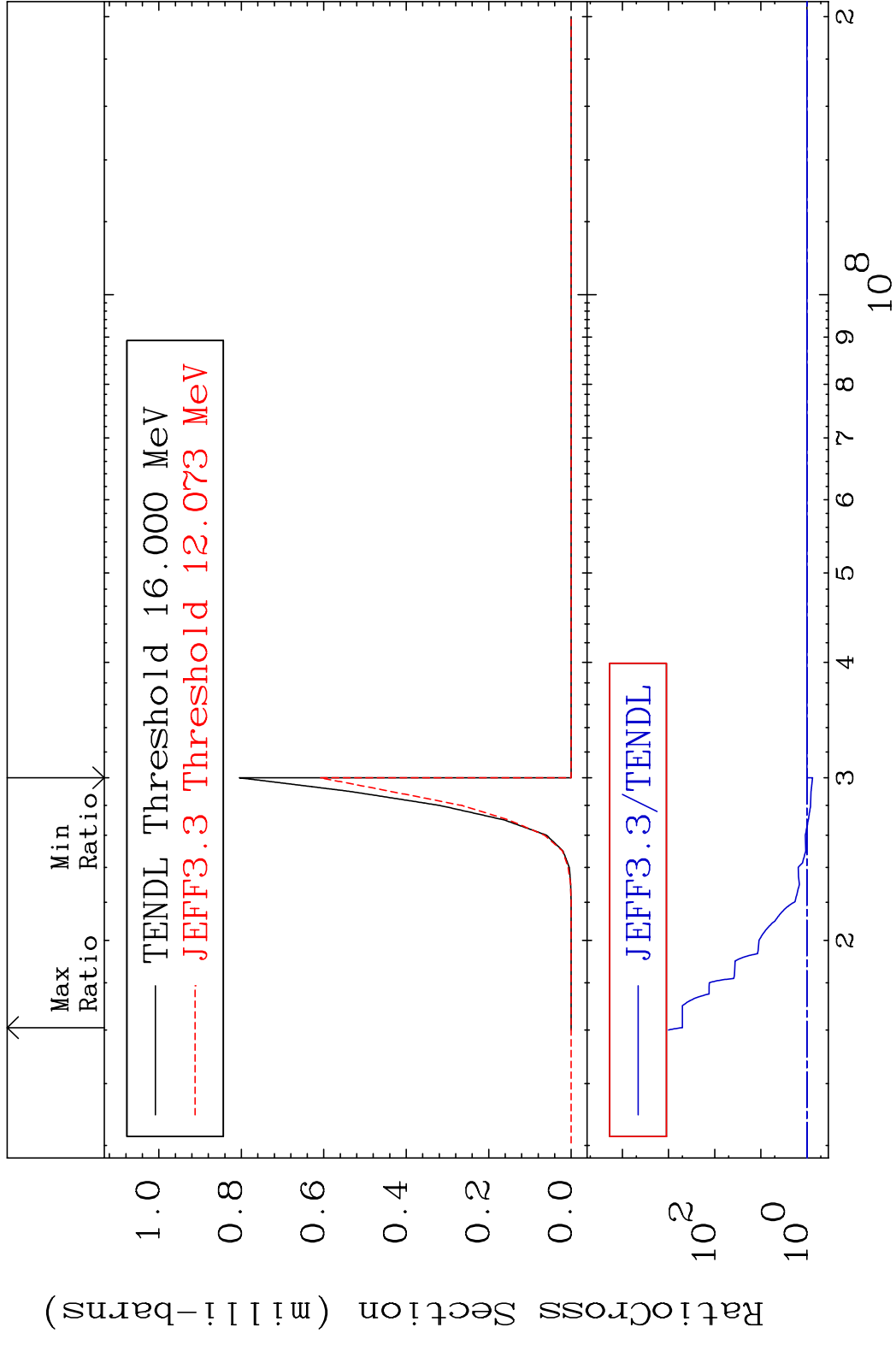


MAT 5255 (n, He-3) : 50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section Ratio 4009. %

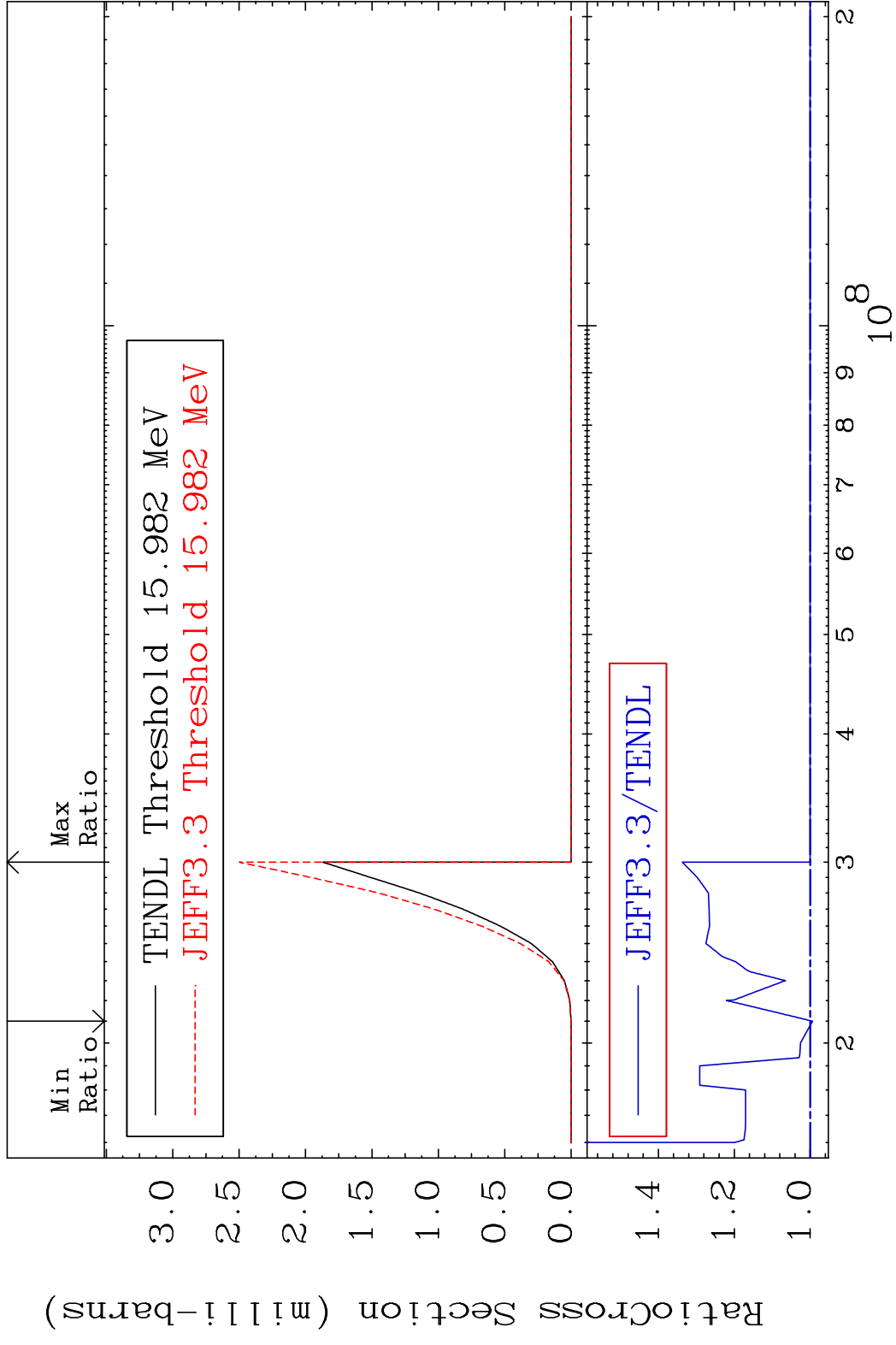




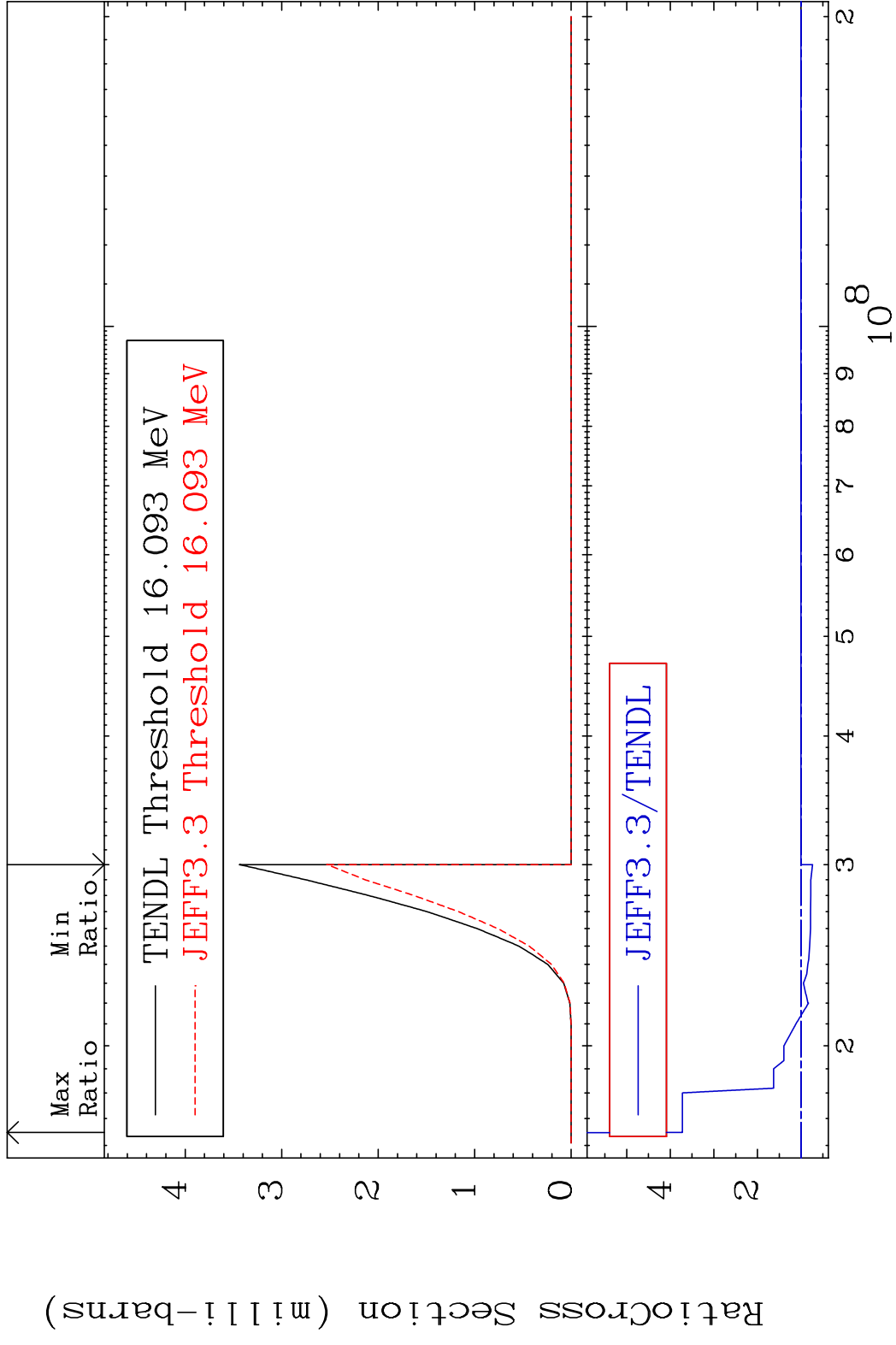
MAT 5255 (n,2n) α :50-Sn-125m1 52-Te-130
 Radionuclide Production Cross Section 9999. %



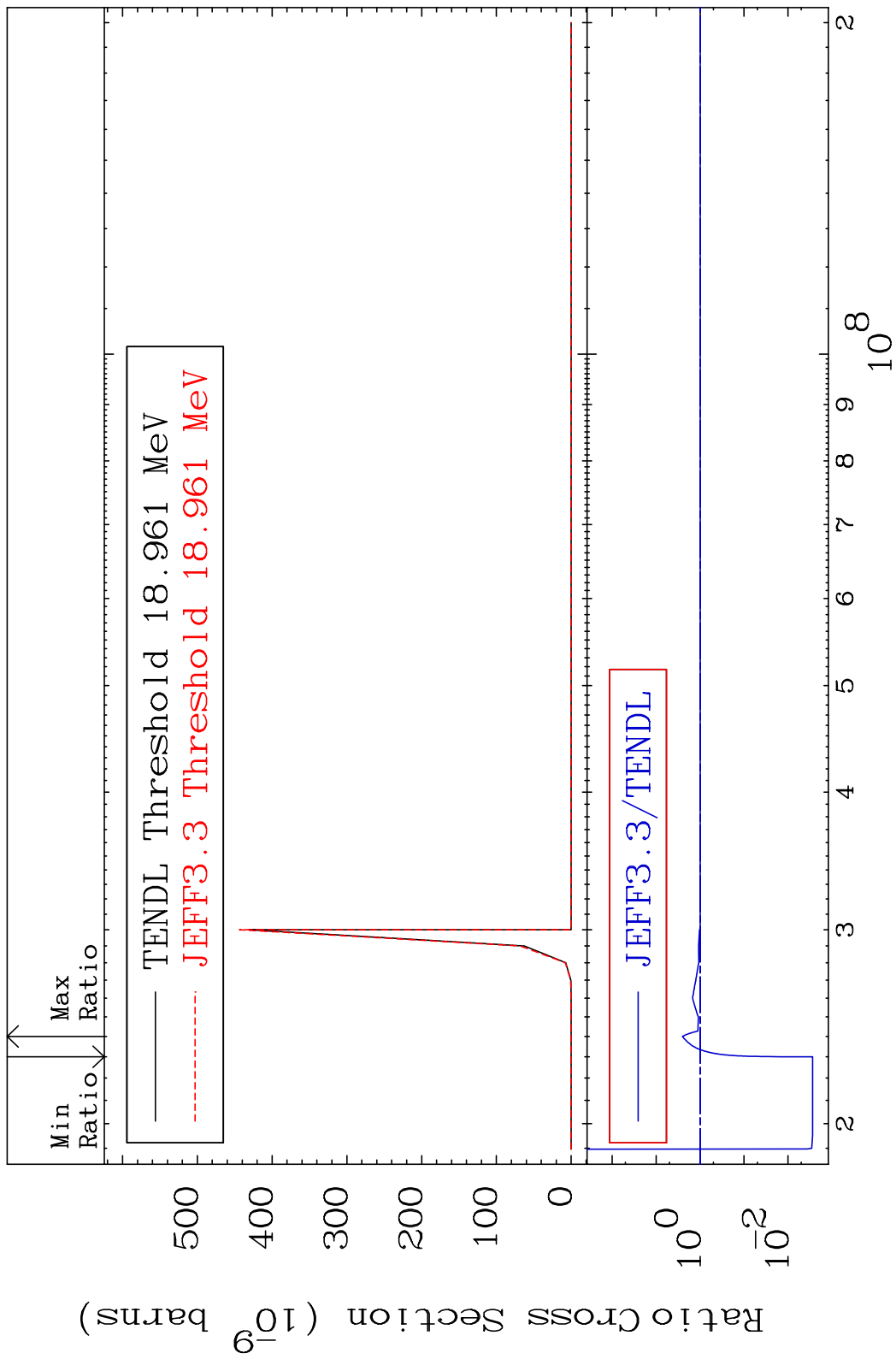
MAT 5255 (n, n') d:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section Ratio 33.68 %



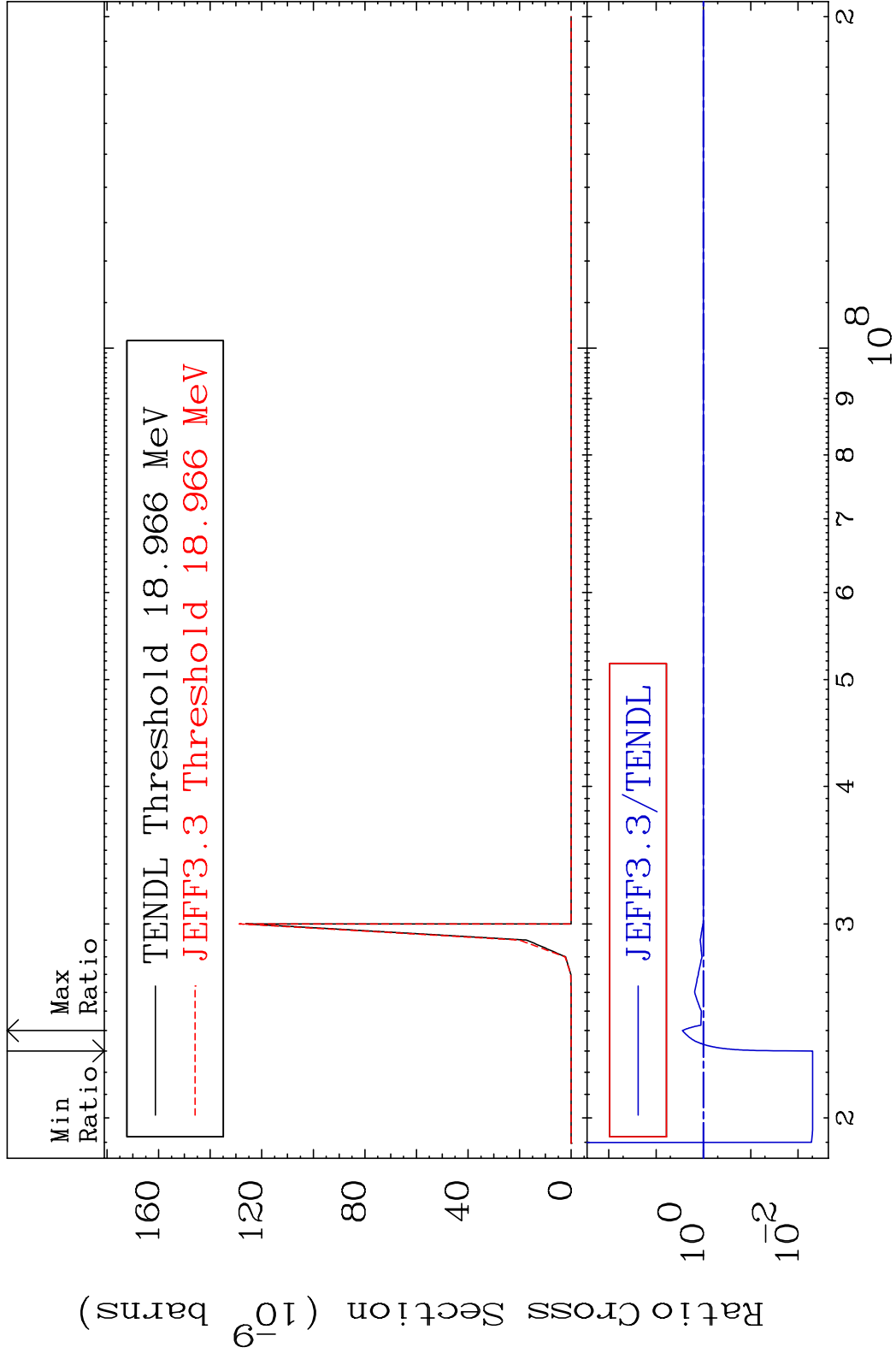
MAT 5255 (n, n') d:51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section 272.2 %



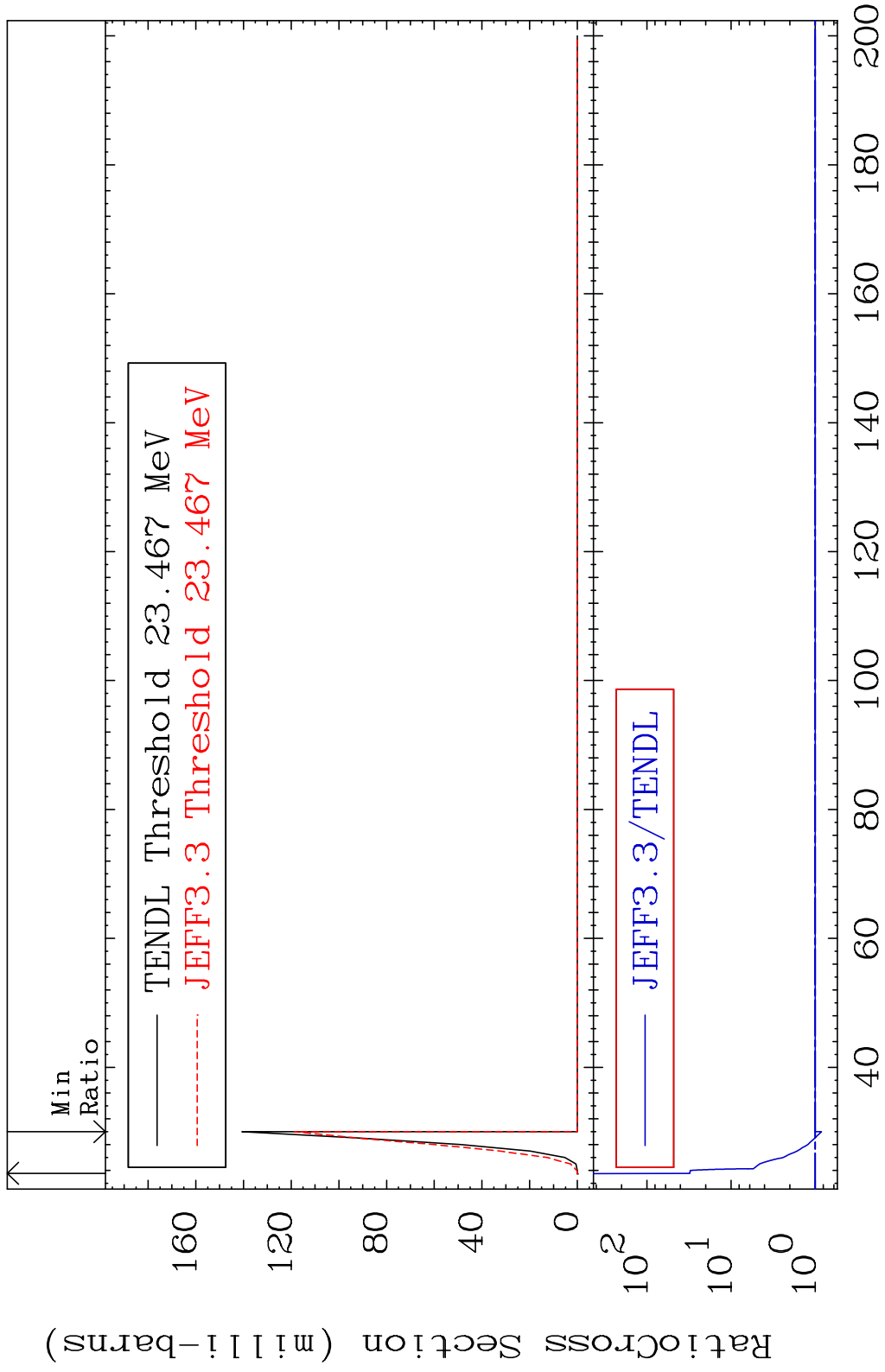
MAT 5255 (n, n') He-3:50-Sn-127g 52-Te-130
 Radionuclide Production Cross Section 98.721 dth 153.0 %



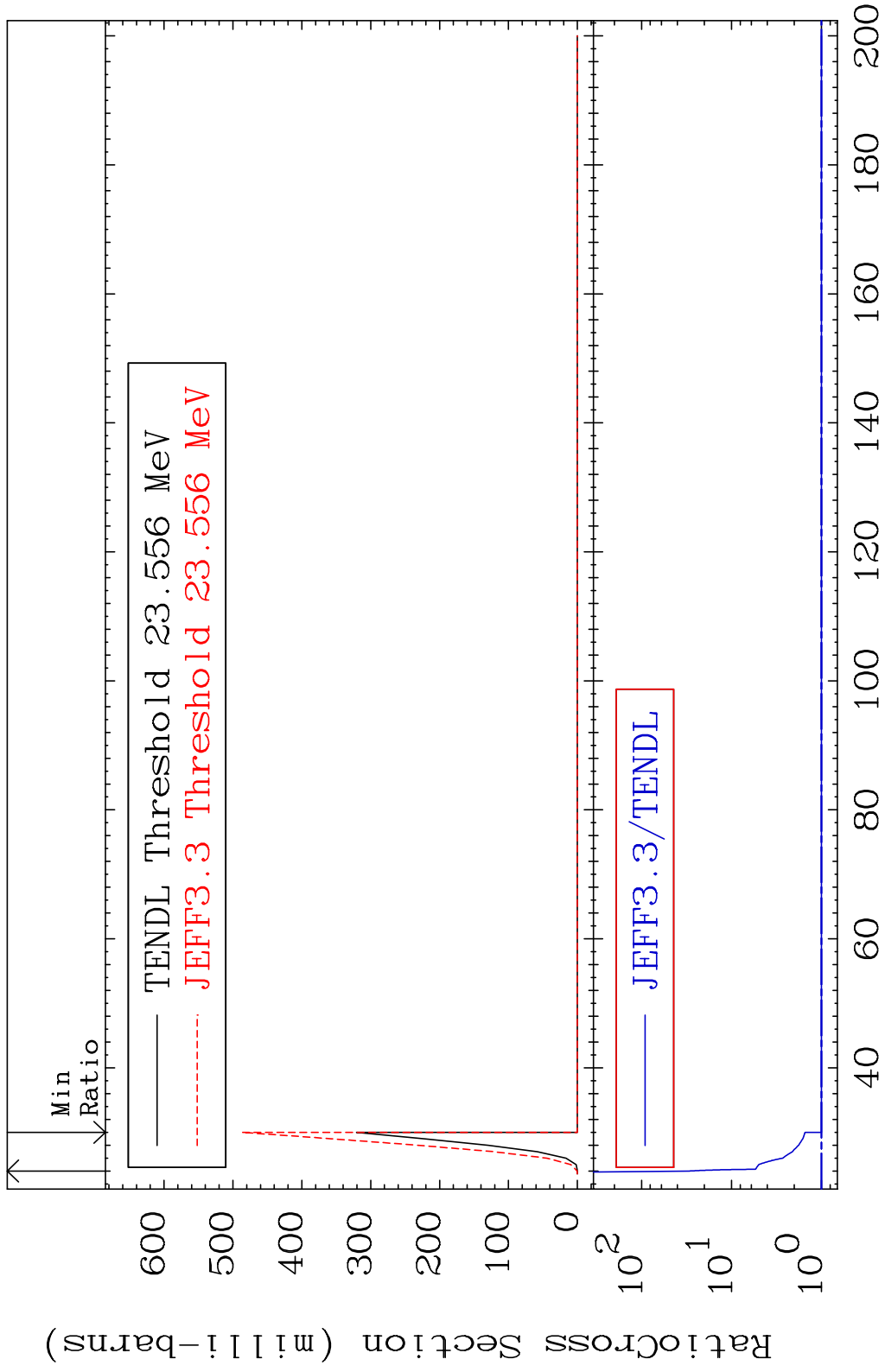
MAT 5255 (n, n') He-3:50-Sn-127m1 52-Te-130
 Radionuclide Production Cross Section 178.6 %



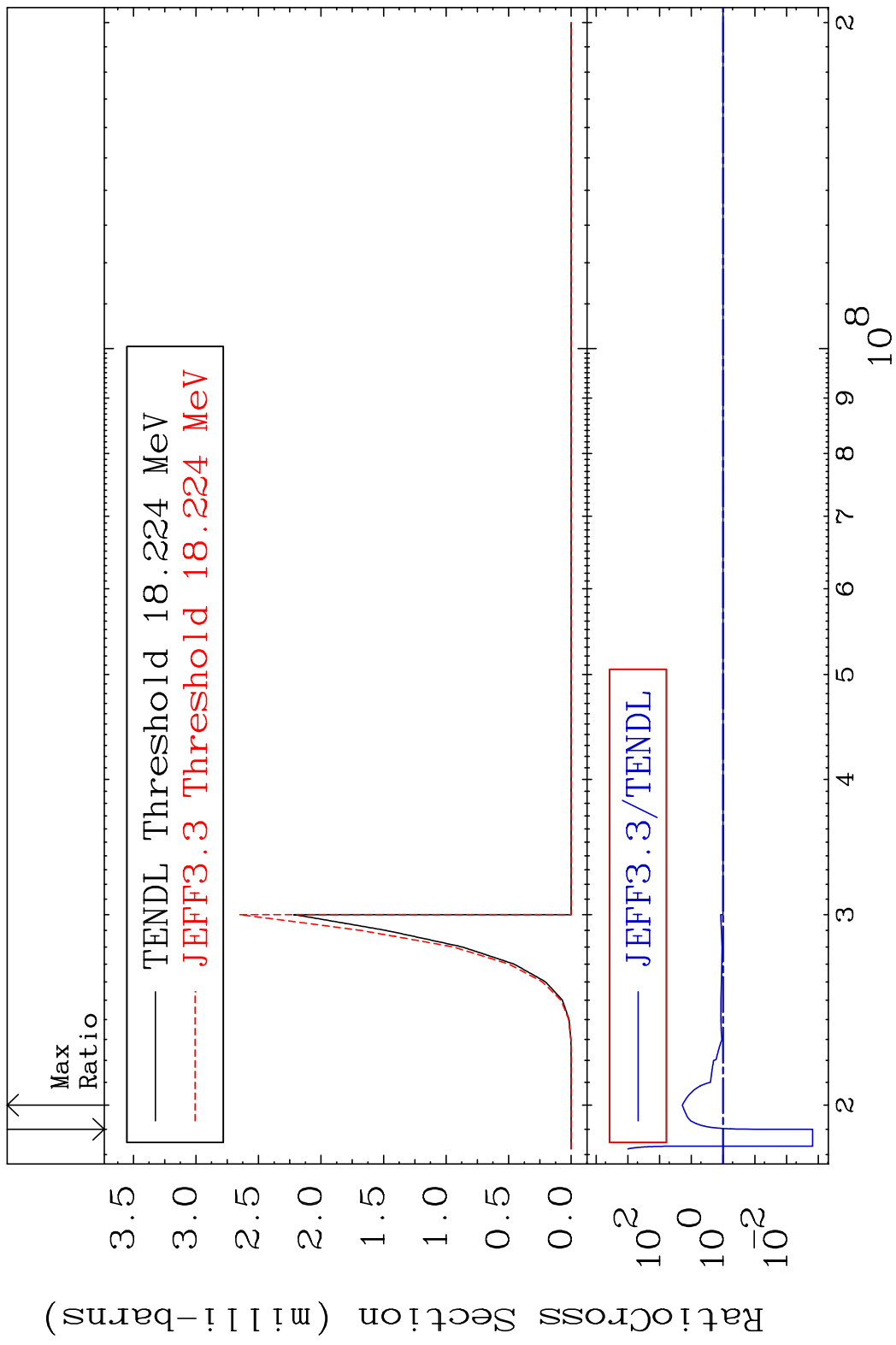
MAT 5255 (n,4n):52-Te-127g 52-Te-130
 Radionuclide Production Cross Section 156.571 dth 2994. %

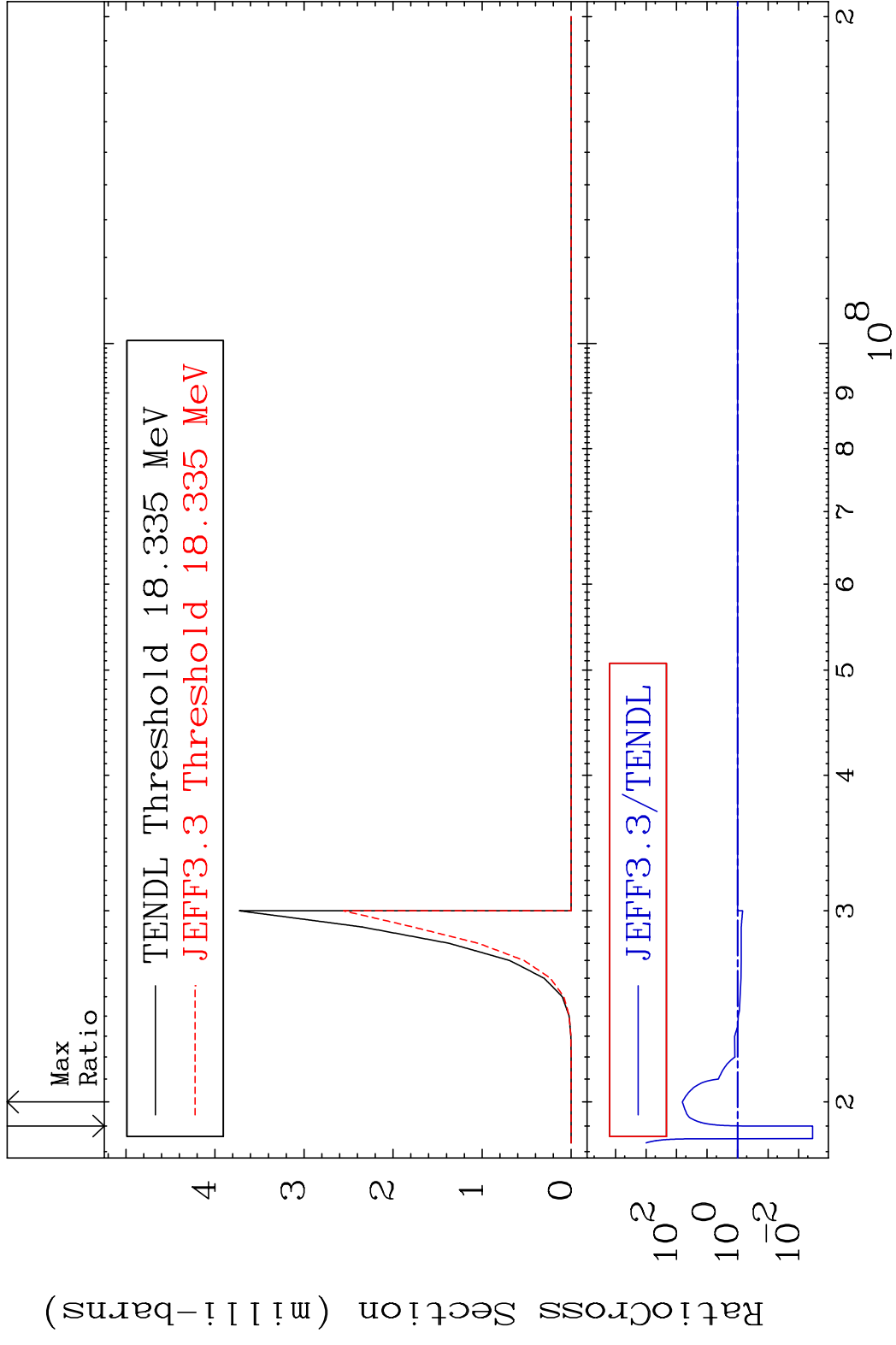


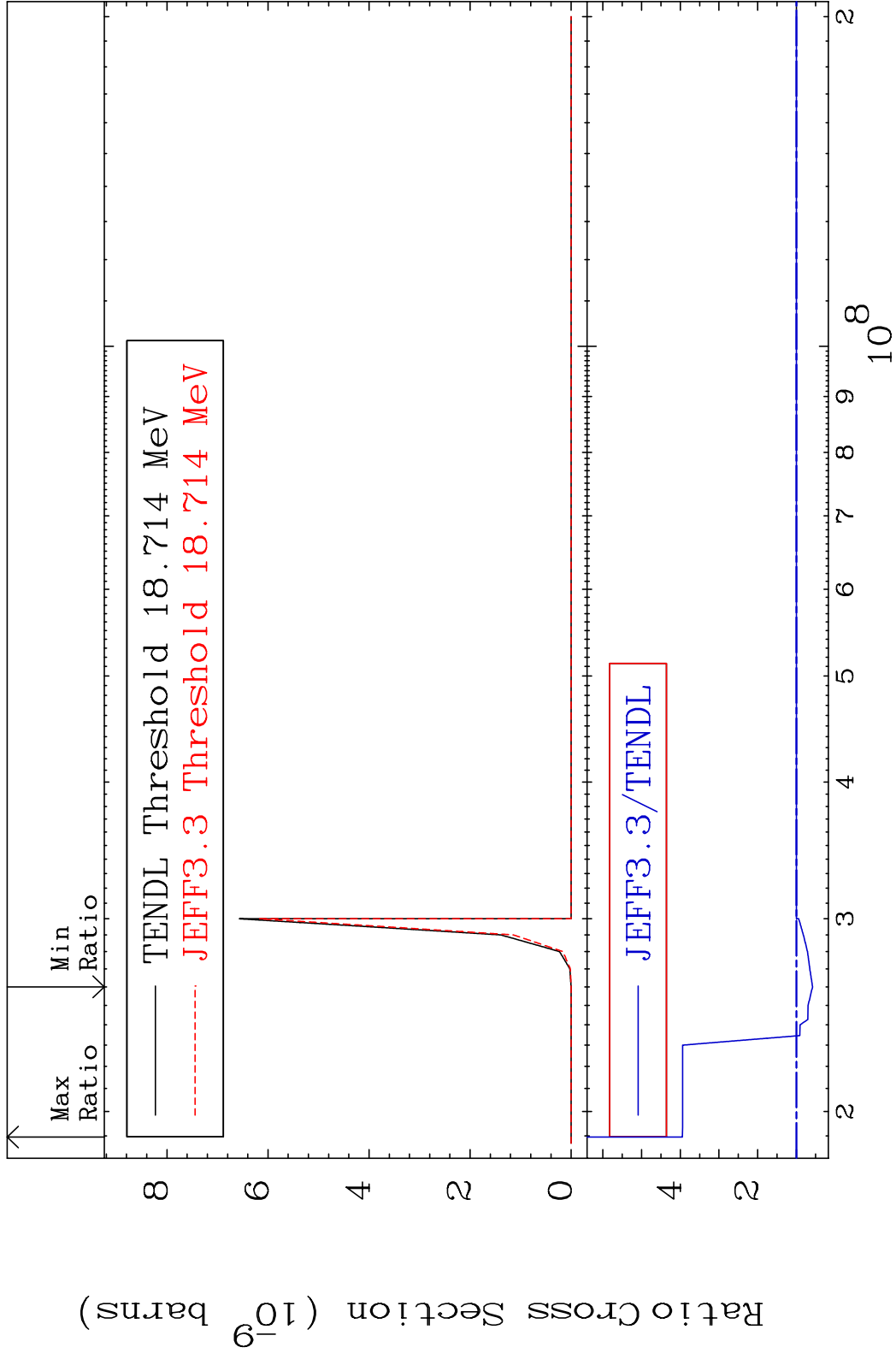
MAT 5255 (n, 4n):52-Te-127m2 52-Te-130
 Radionuclide Production Cross Section 2808. %



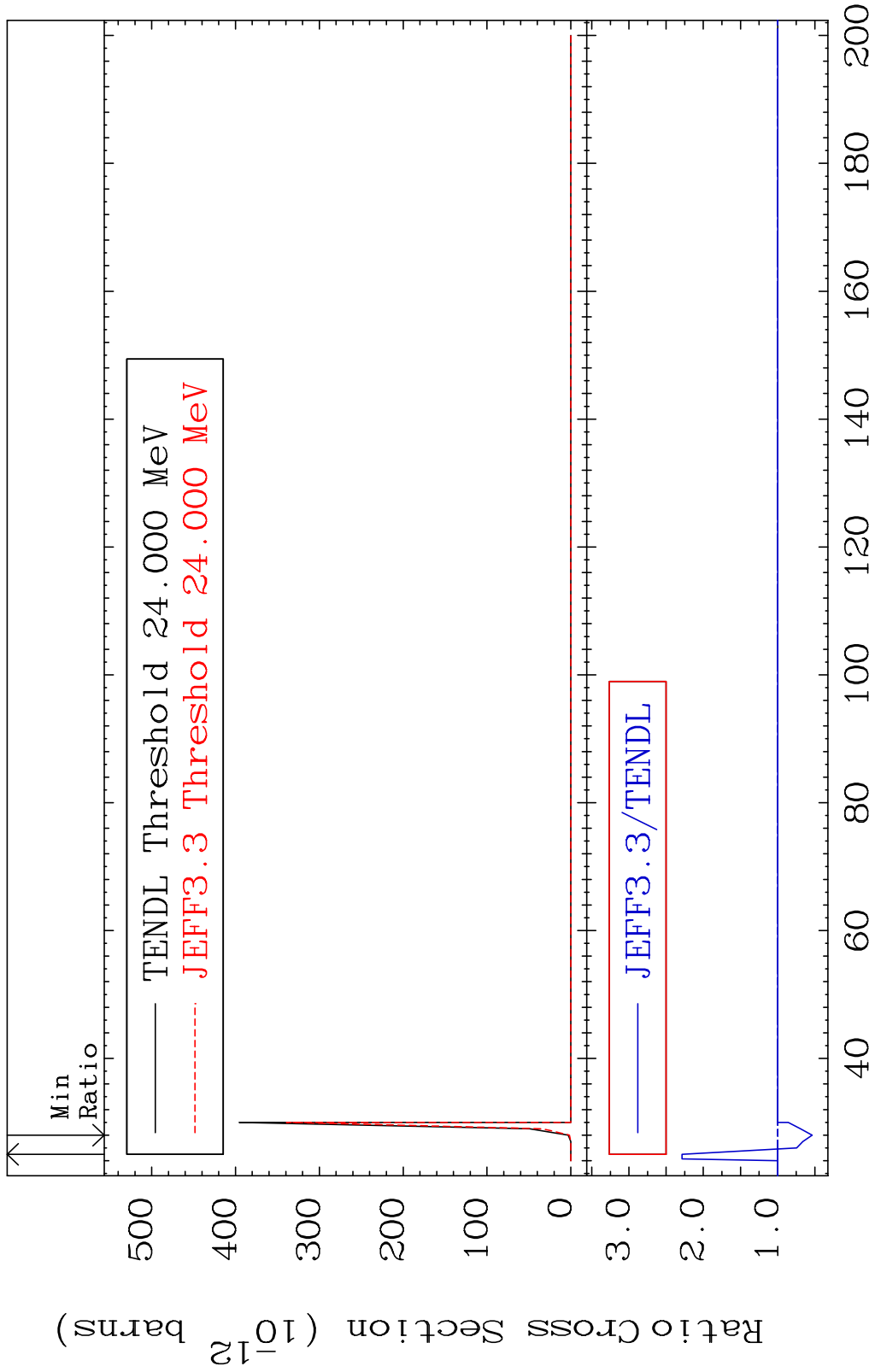
MAT 5255 (n,2n) p:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 98.65 dth 1817. %

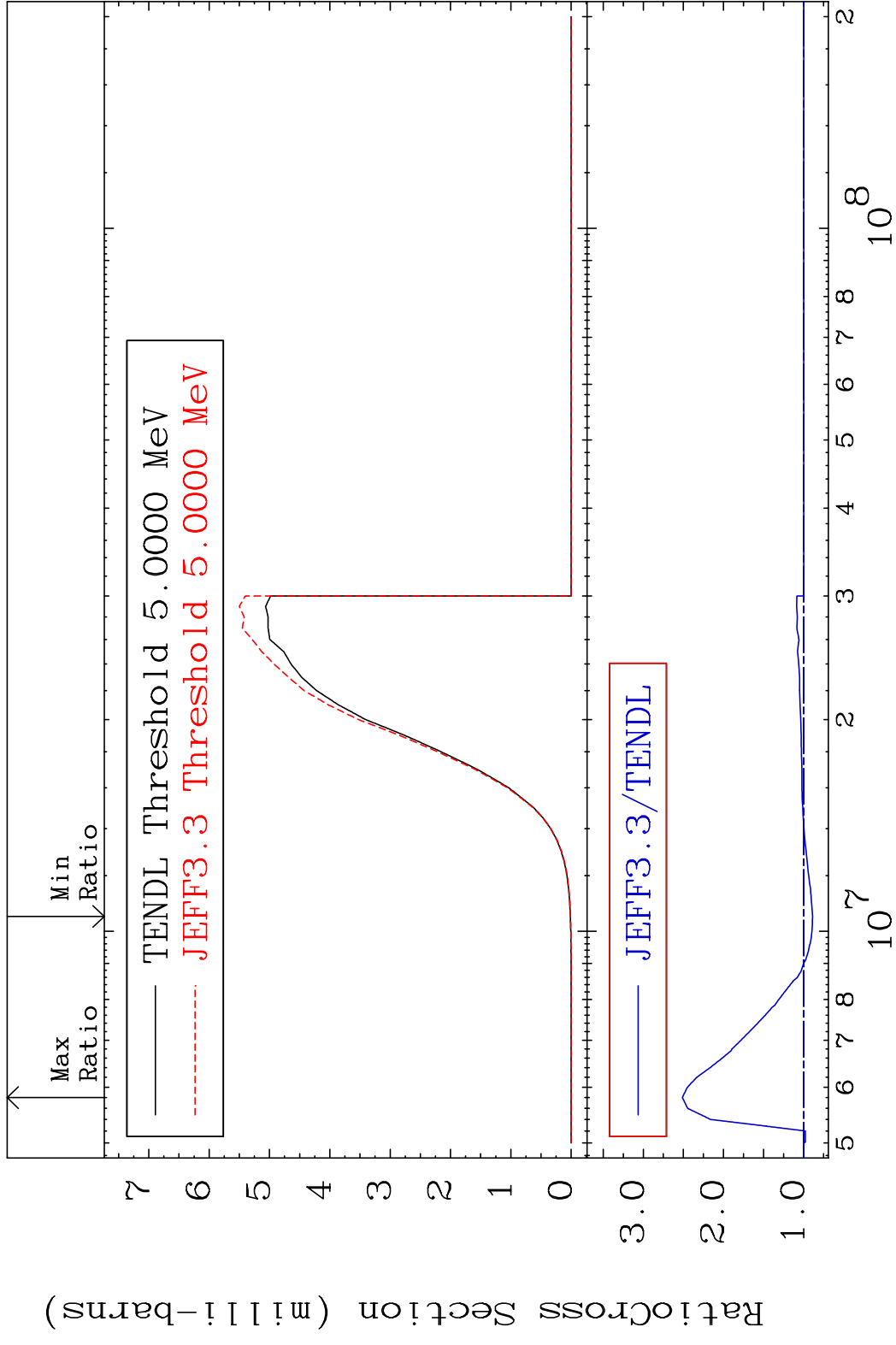




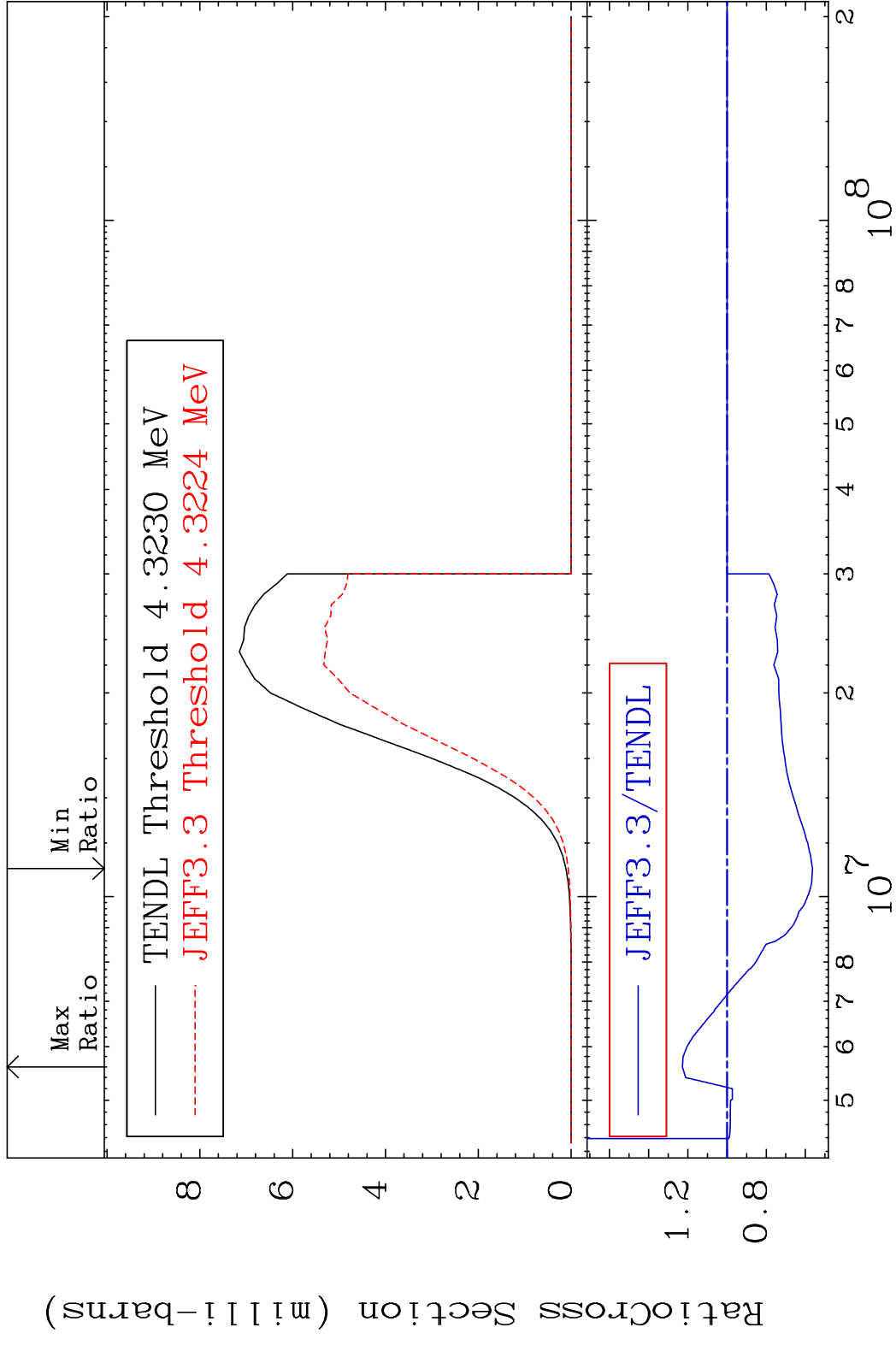


MAT 5255 (n,2n) p:50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section 128.7 %

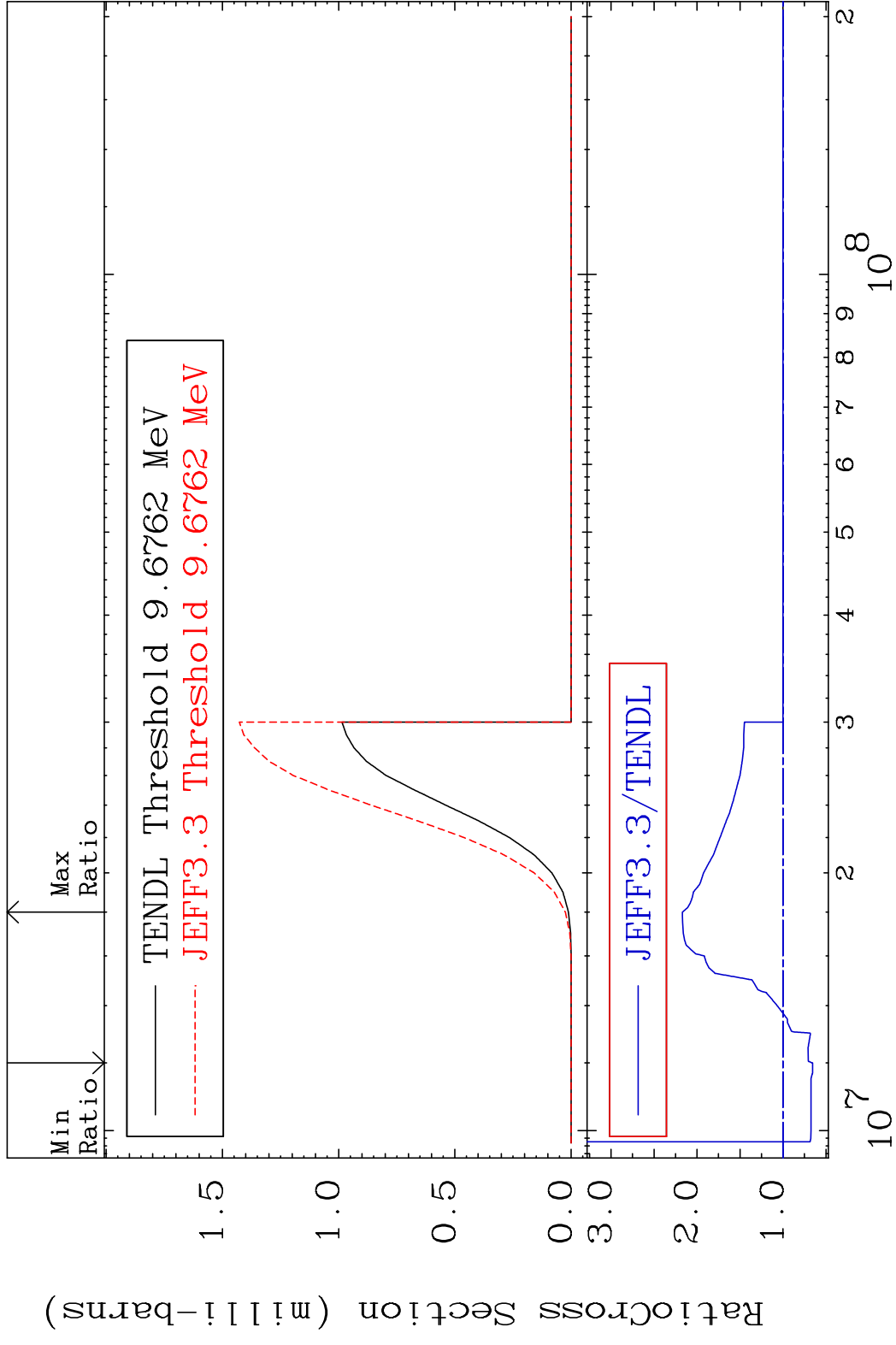




MAT 5255 (n, p):51-Sb-130m1 52-Te-130
 Radionuclide Production Cross Section 22.80 %

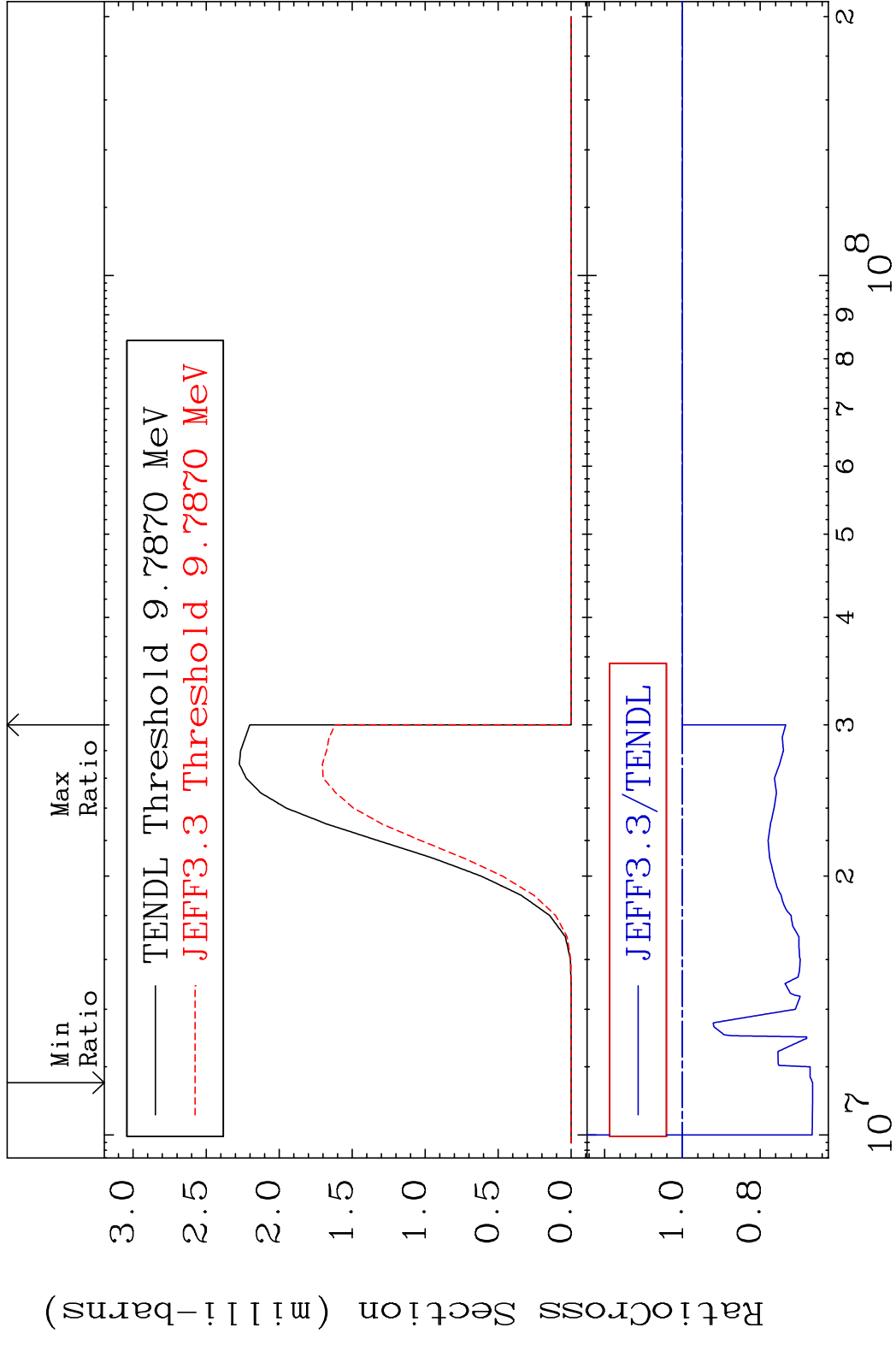


MAT 5255 (n, t):51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section 117.1 %

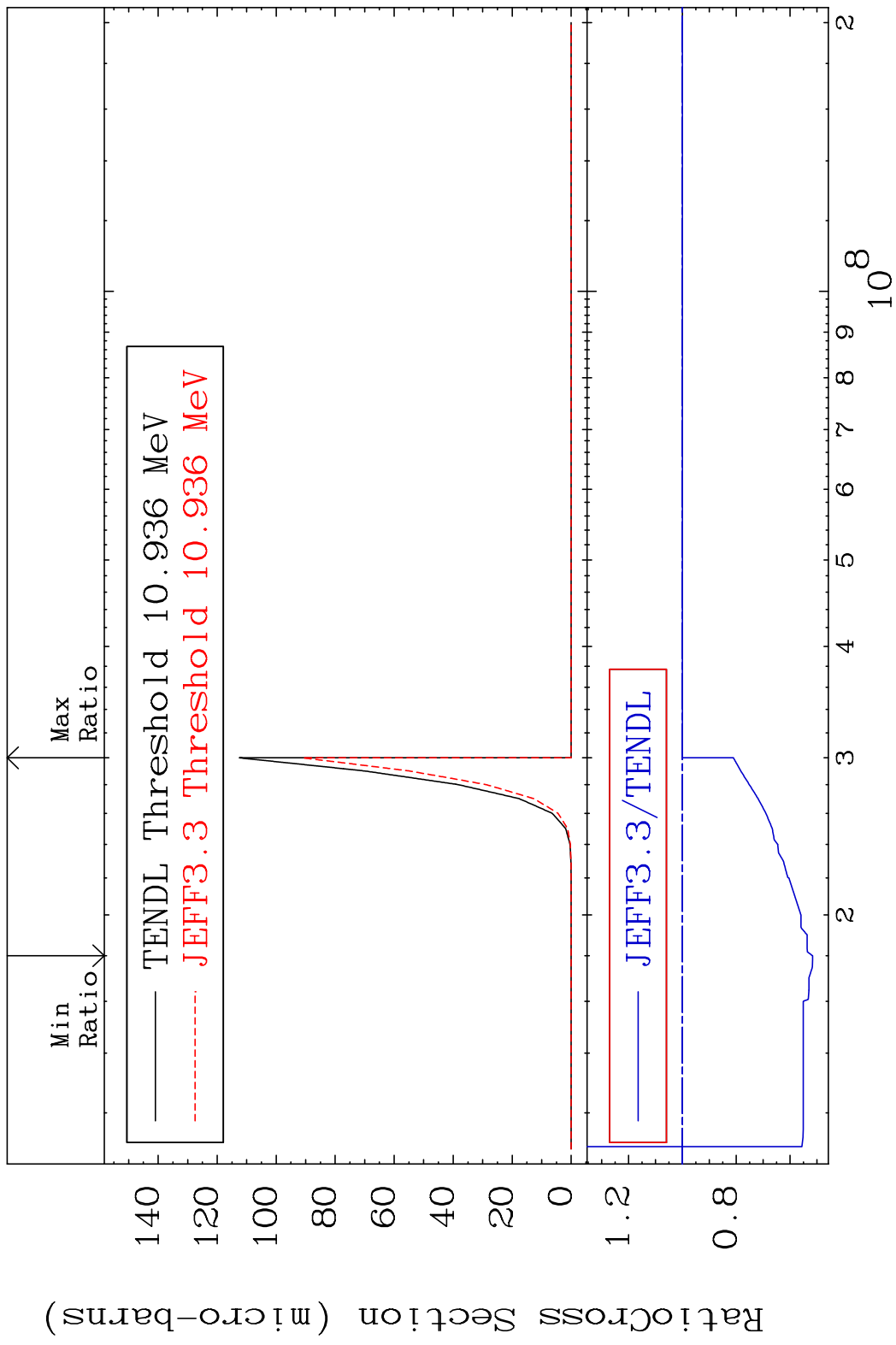


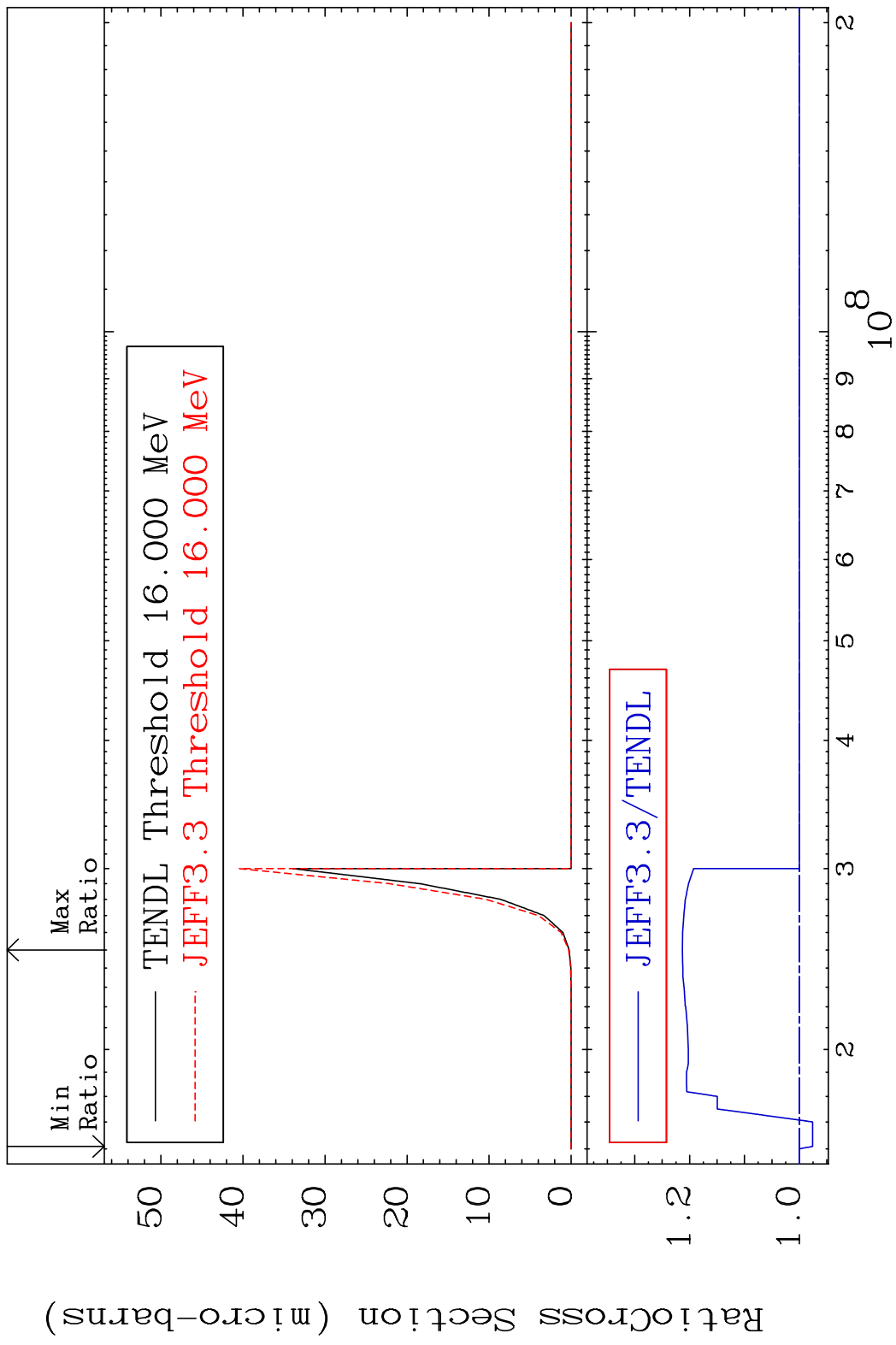
90 Incident Energy (eV) 52-Te-130

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

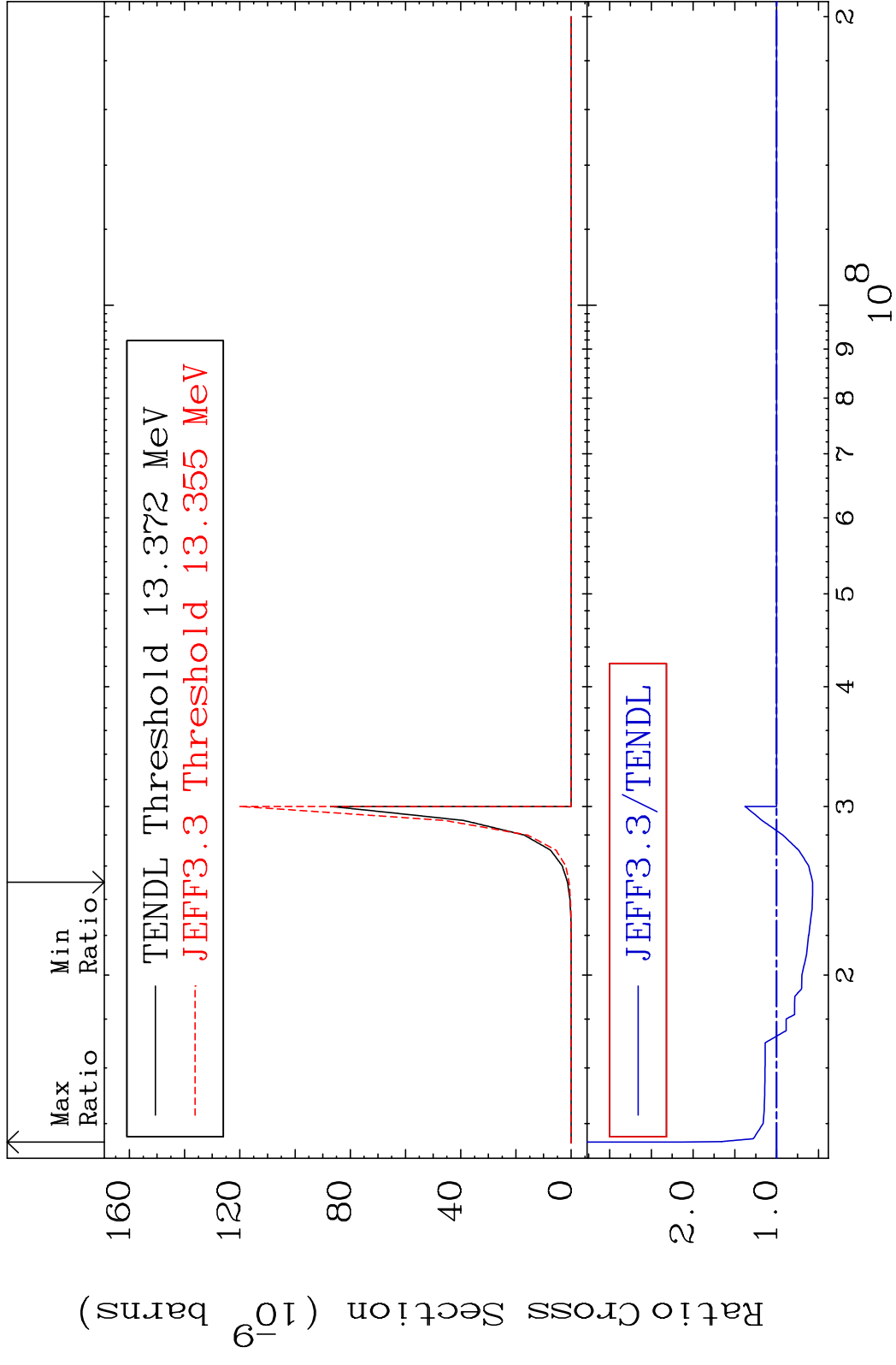


MAT 5255 (n, He-3):50-Sn-128g 52-Te-130
 Radionuclide Production Cross Section 48e-41 to 0.000 %

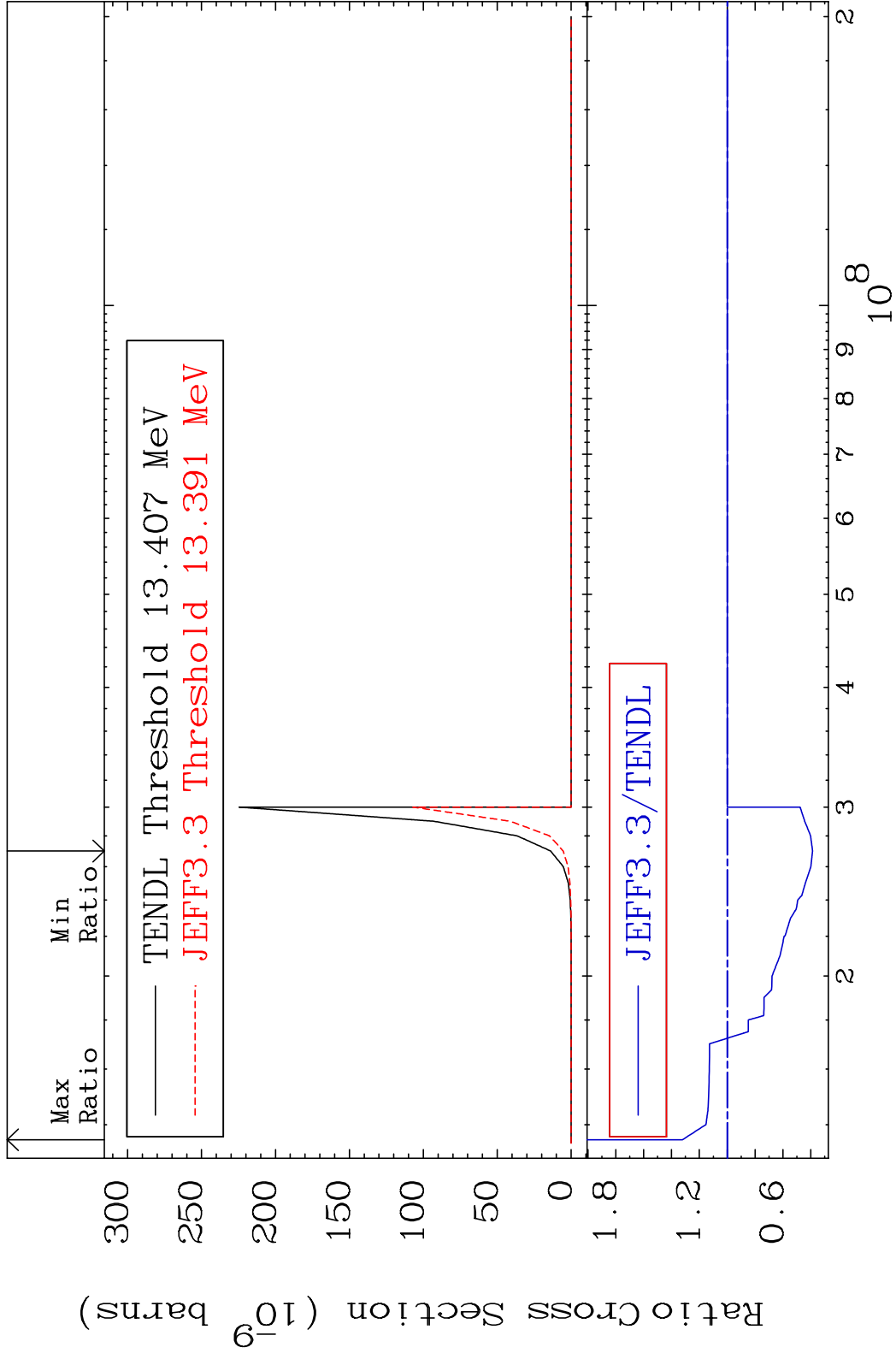


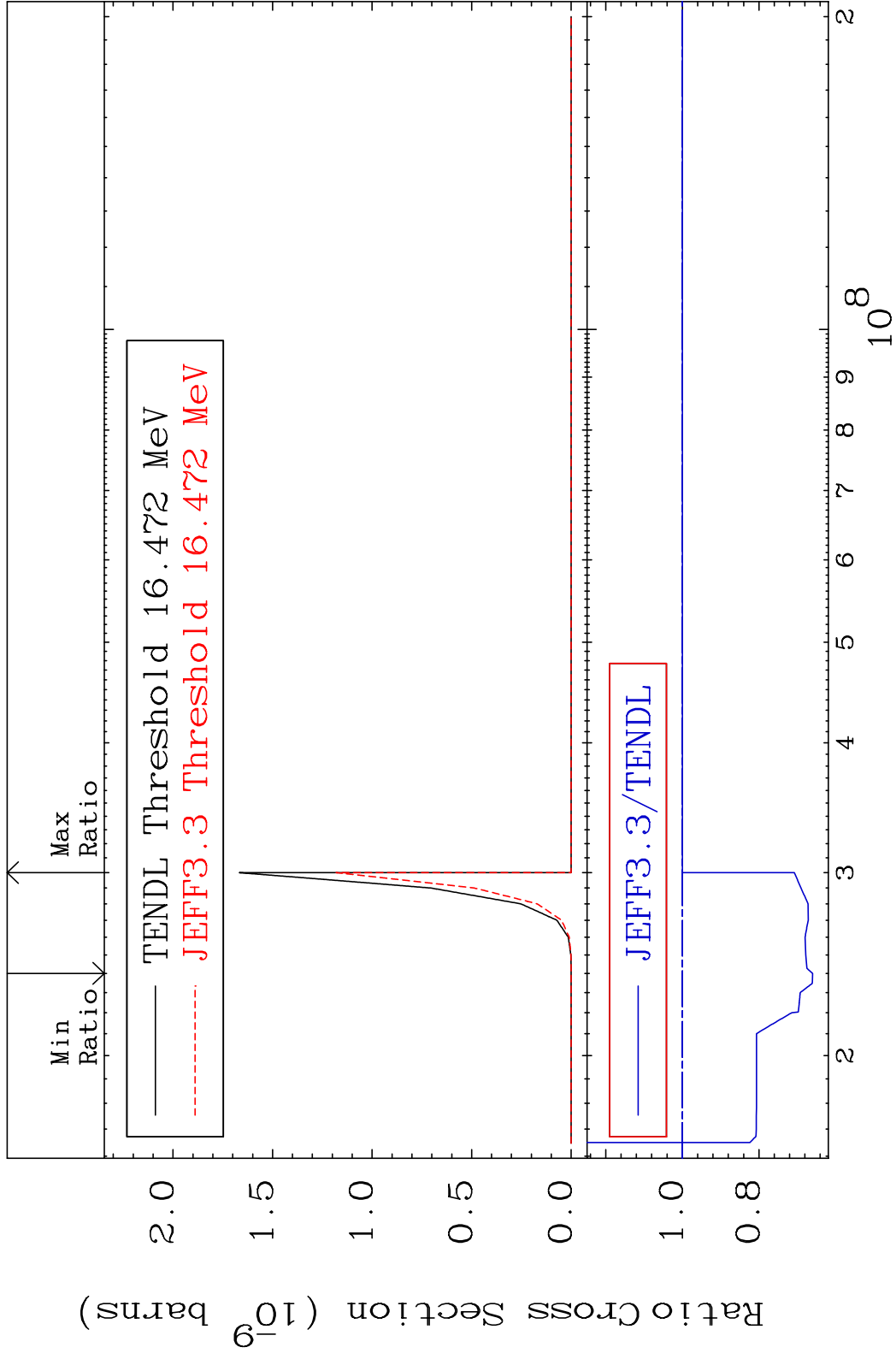


MAT 5255 (n,2p):50-Sn-129g 52-Te-130
 Radionuclide Production Cross Section 112.8 %



MAT 5255 (n, 2p):50-Sn-129m1 52-Te-130
 Radionuclide Production Cross Section 32.22 %





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

