

Program Complot
(Version 2018-1)

by

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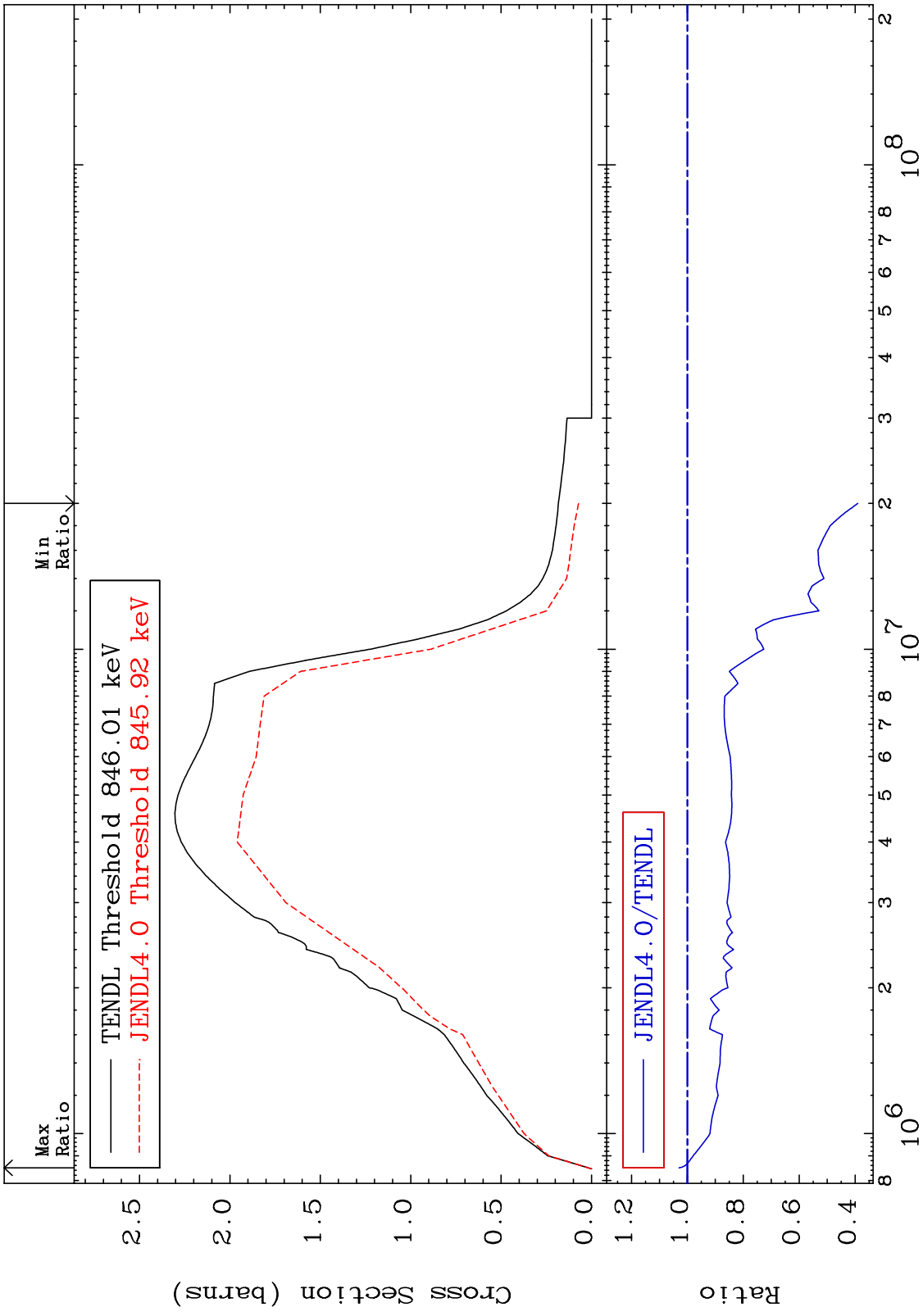
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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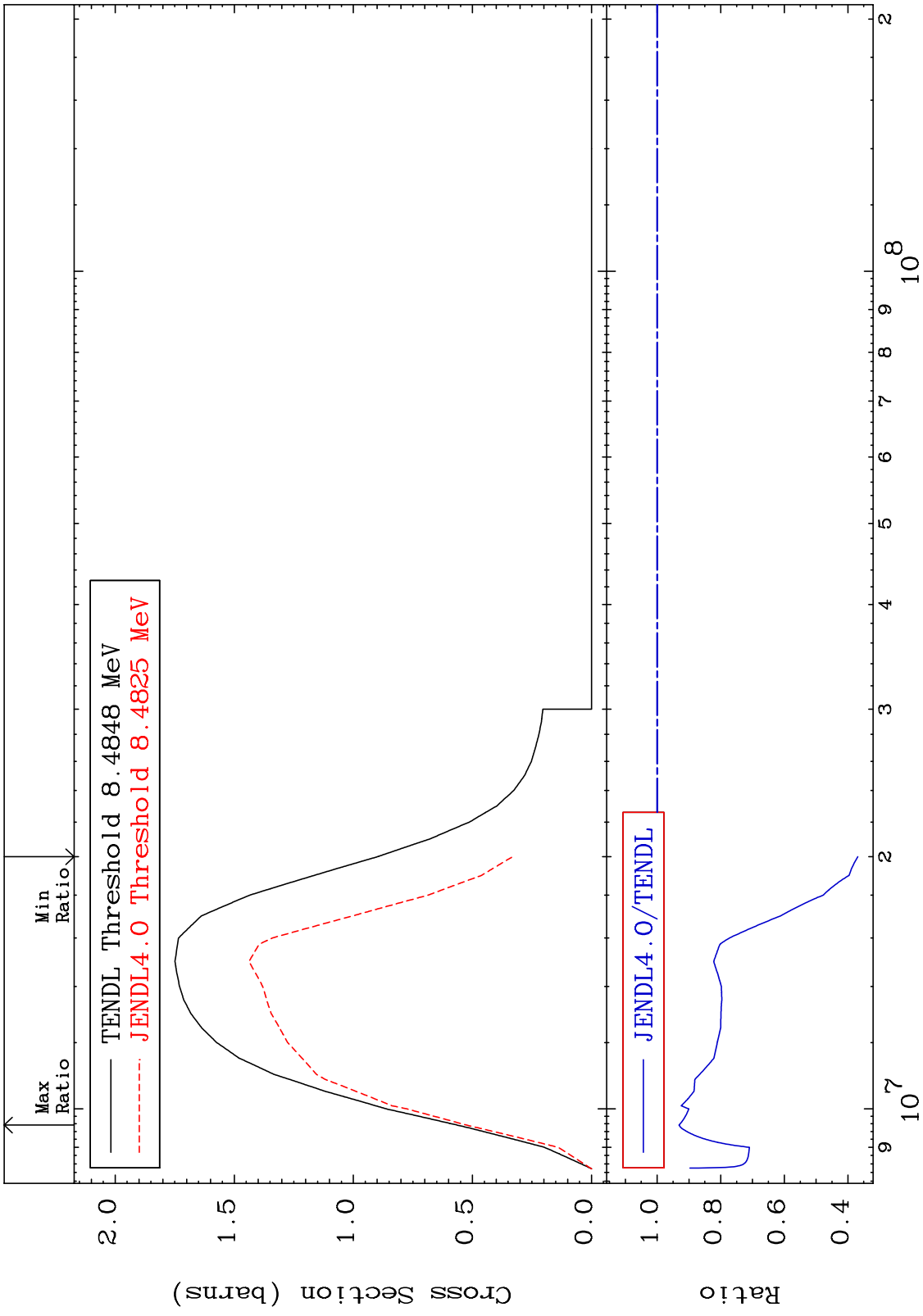
Press Mouse Button to Start

MAT 5255 Inelastic Cross Section 52-Te-130 -60.96 To 2.983 %

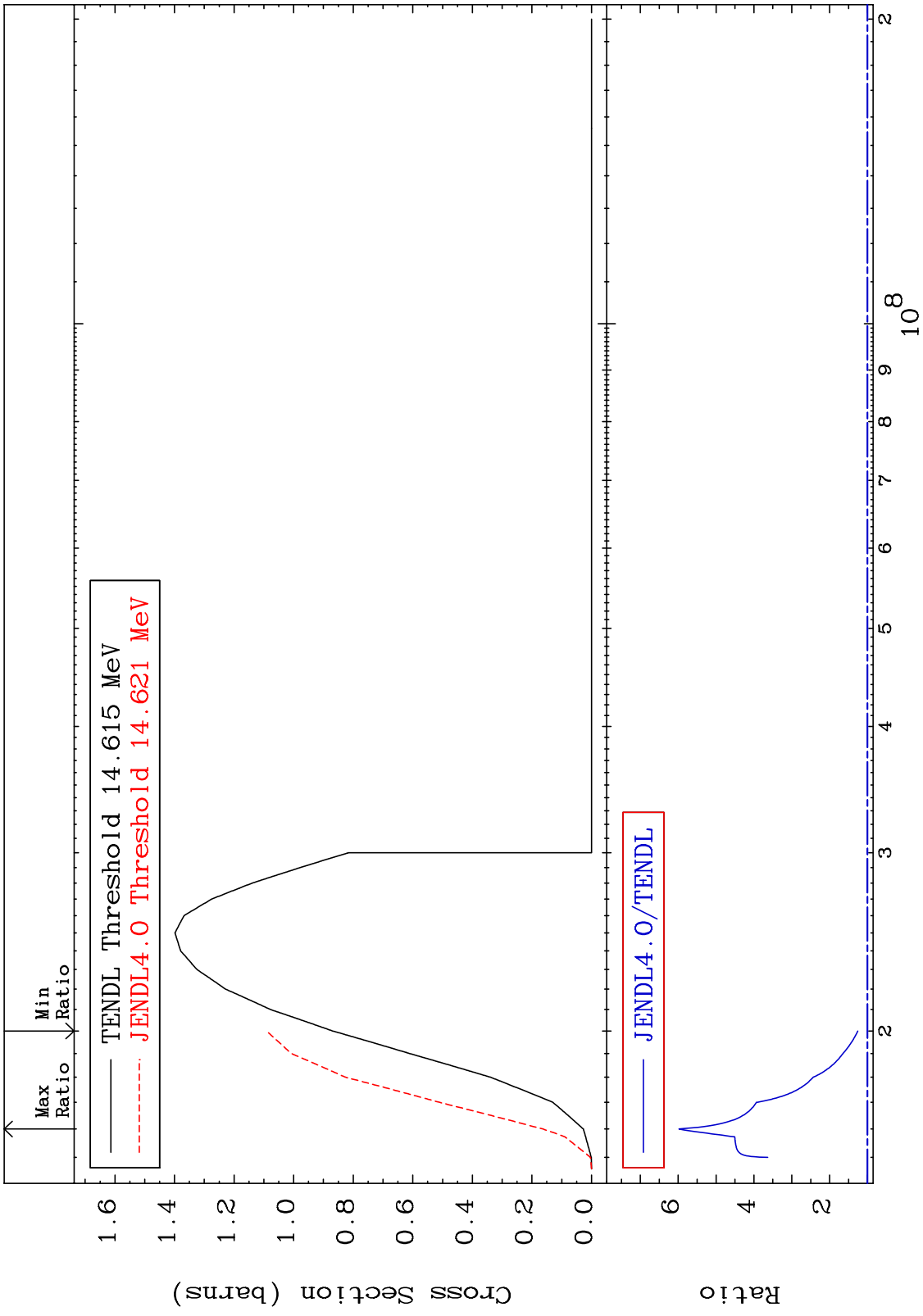


3 52-Te-130

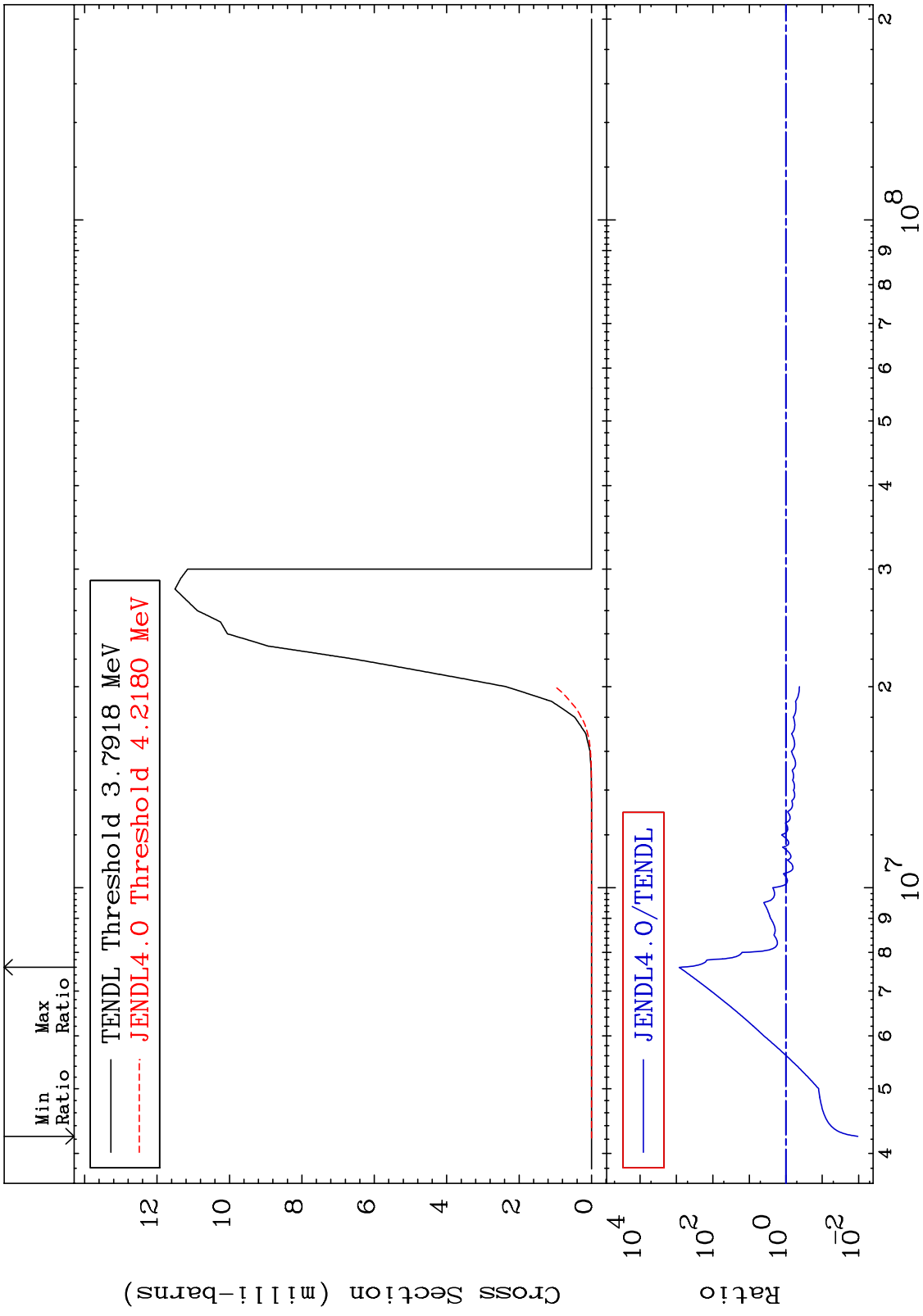
MAT 5255 (n,2n) Cross Section 52-Te-130 -63.13 To -6.888%



MAT 5255 (n,3n) Cross Section 52-Te-130 To 497.8 %
 25.56

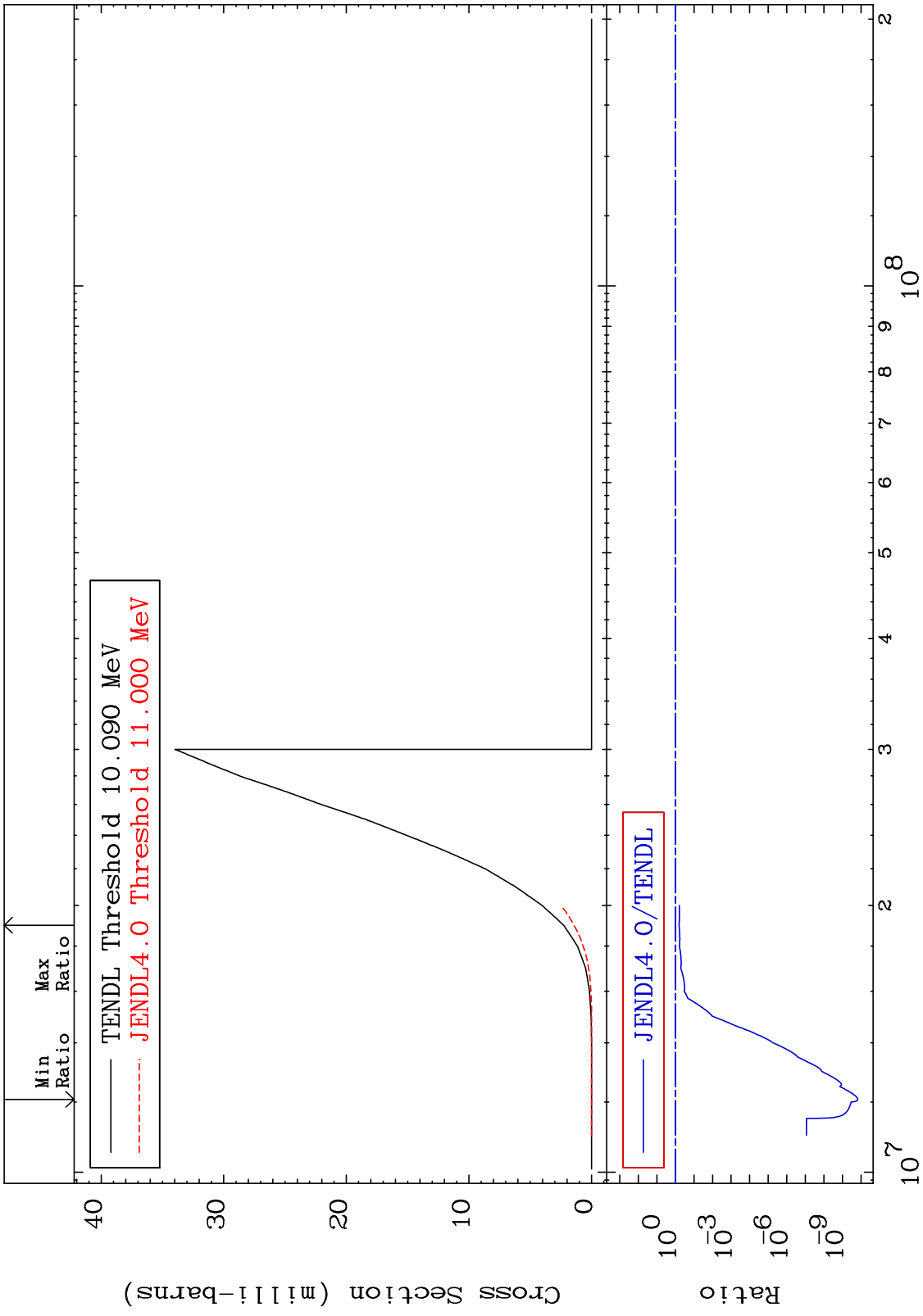


MAT 5255 $(n, n') \alpha$ 52-Te-130
 Cross Section -98.94 To 9999. %



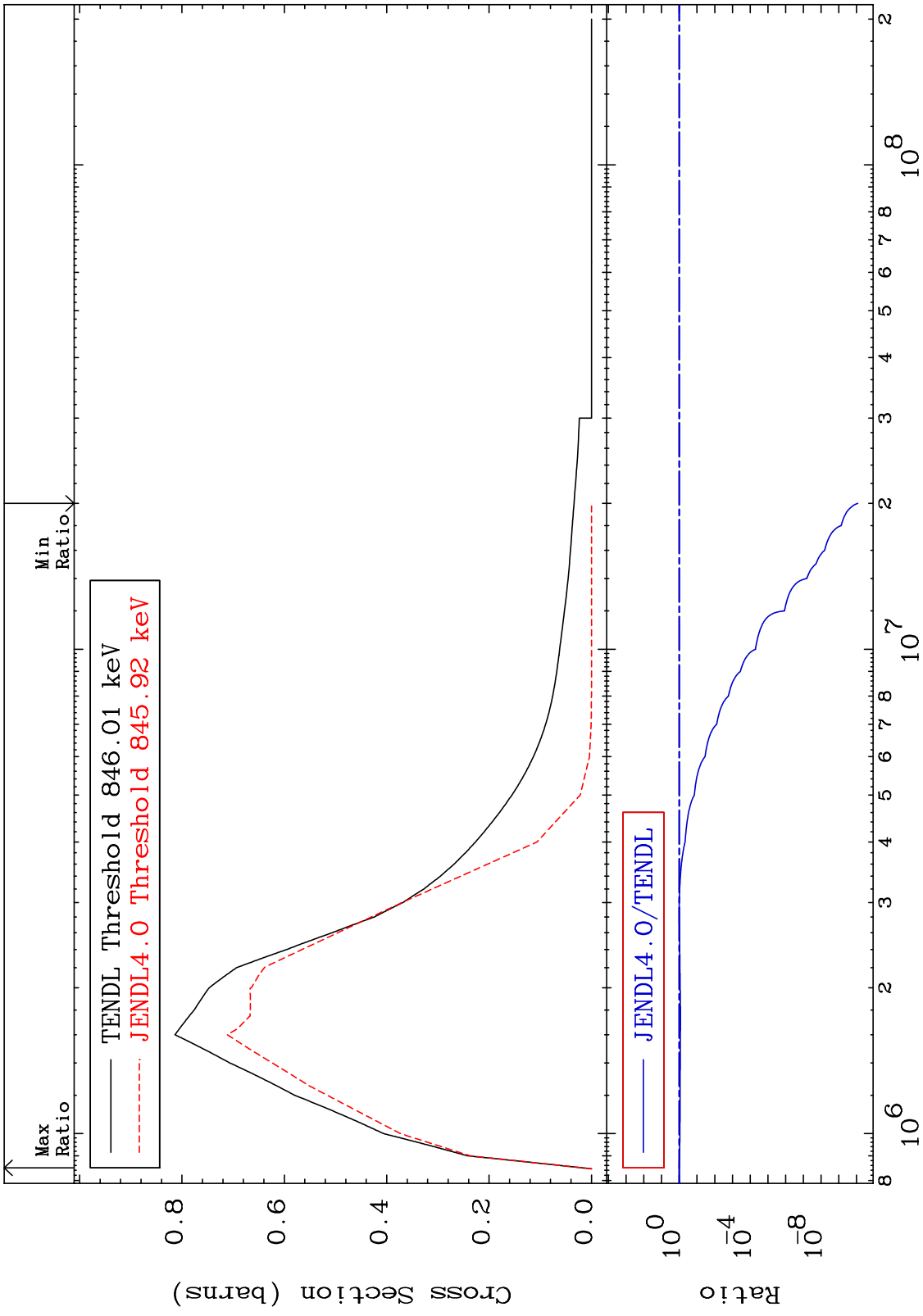
6 Incident Energy (eV) 52-Te-130

MAT 5255 (n, n') p $^{52}\text{Te-130}$
 Cross Section -100.0 To -36.27%



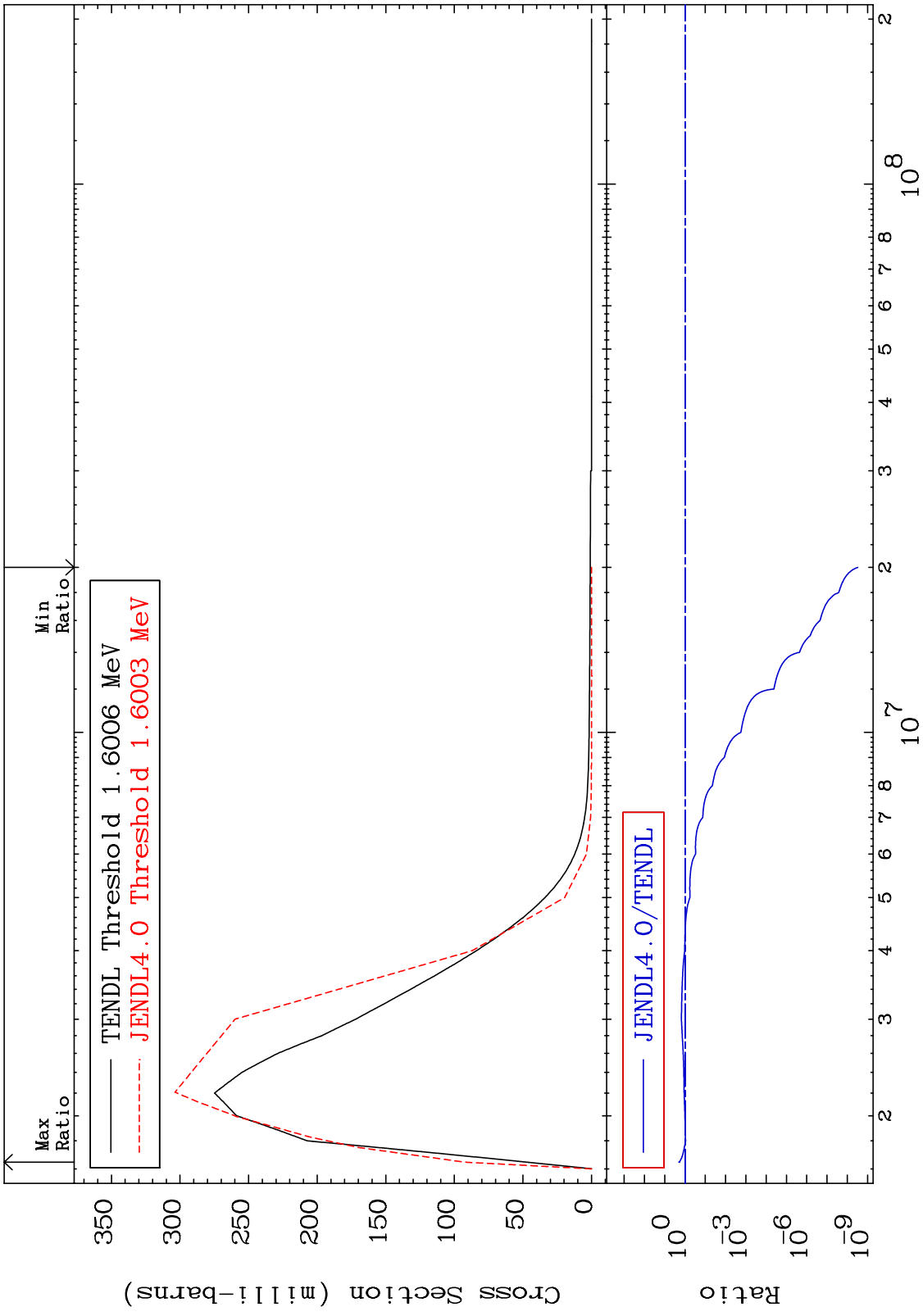
$^{52}\text{Te-130}$

MAT 5255 MT= 51 (n,n') Level Cross Section 52-Te-130 -100.0 To 2.983 %

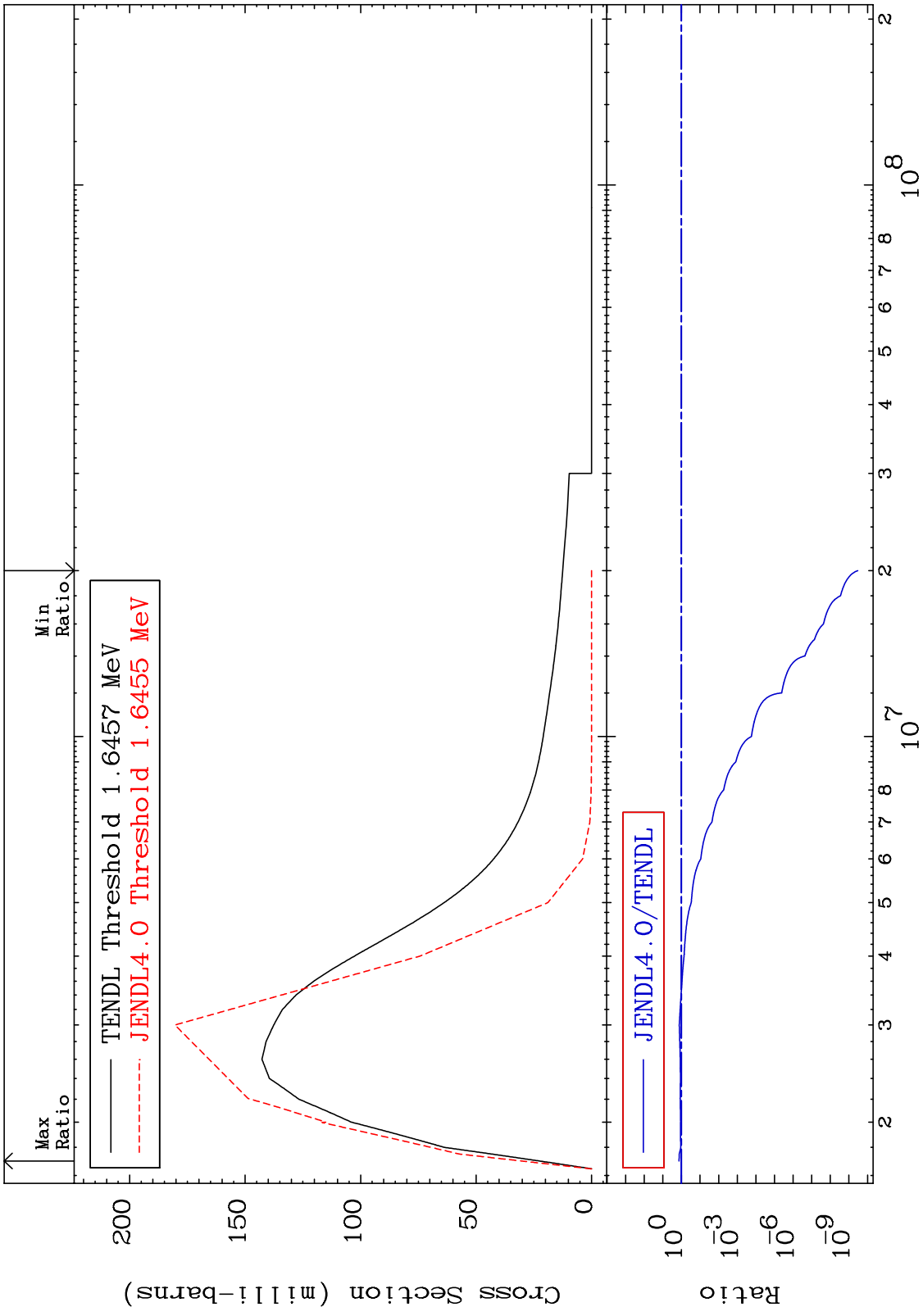


8 Incident Energy (eV) 52-Te-130

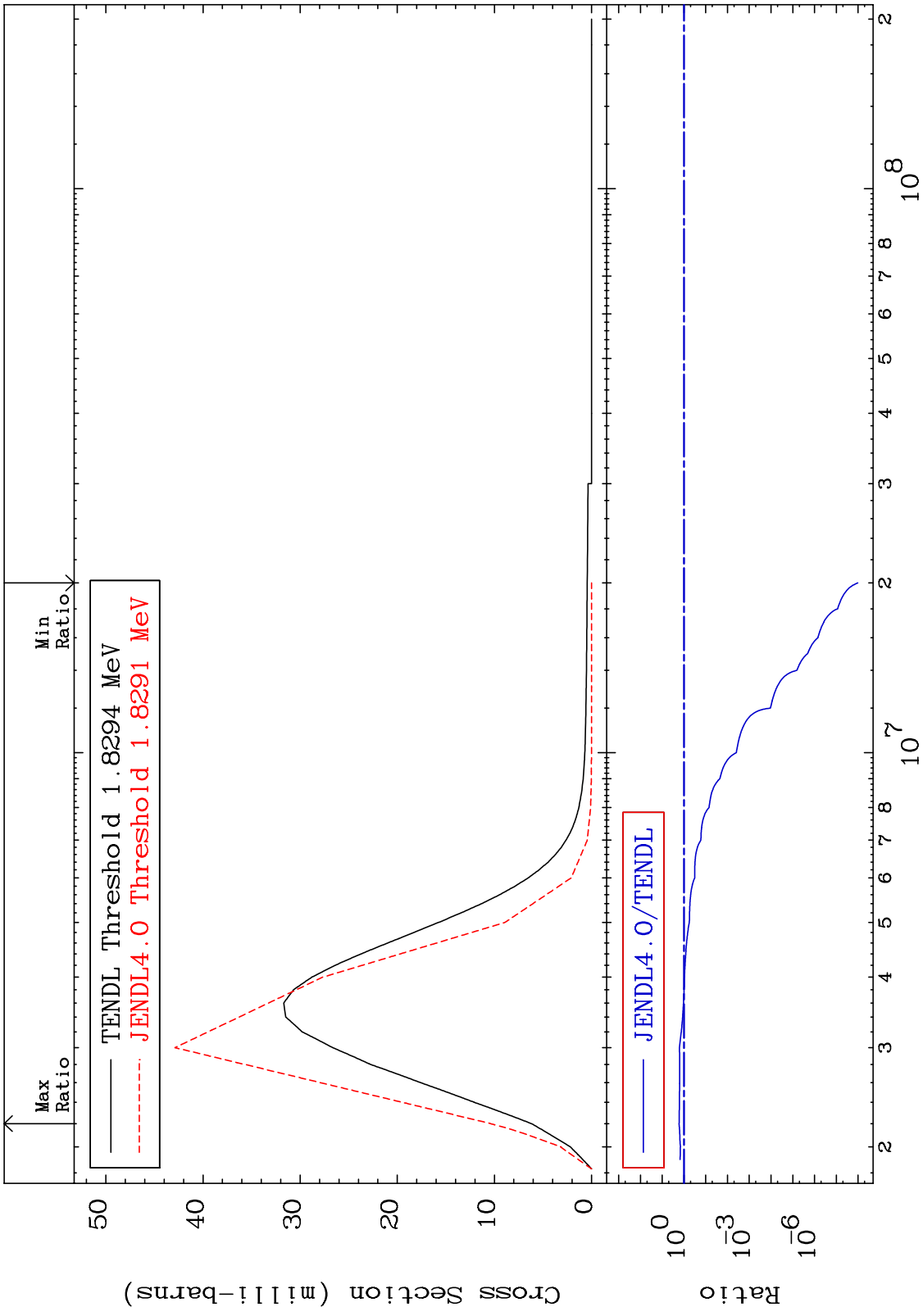
MAT 5255 MT= 52 (n,n') Level Cross Section 52-Te-130
 -100.0 To 96.75 %



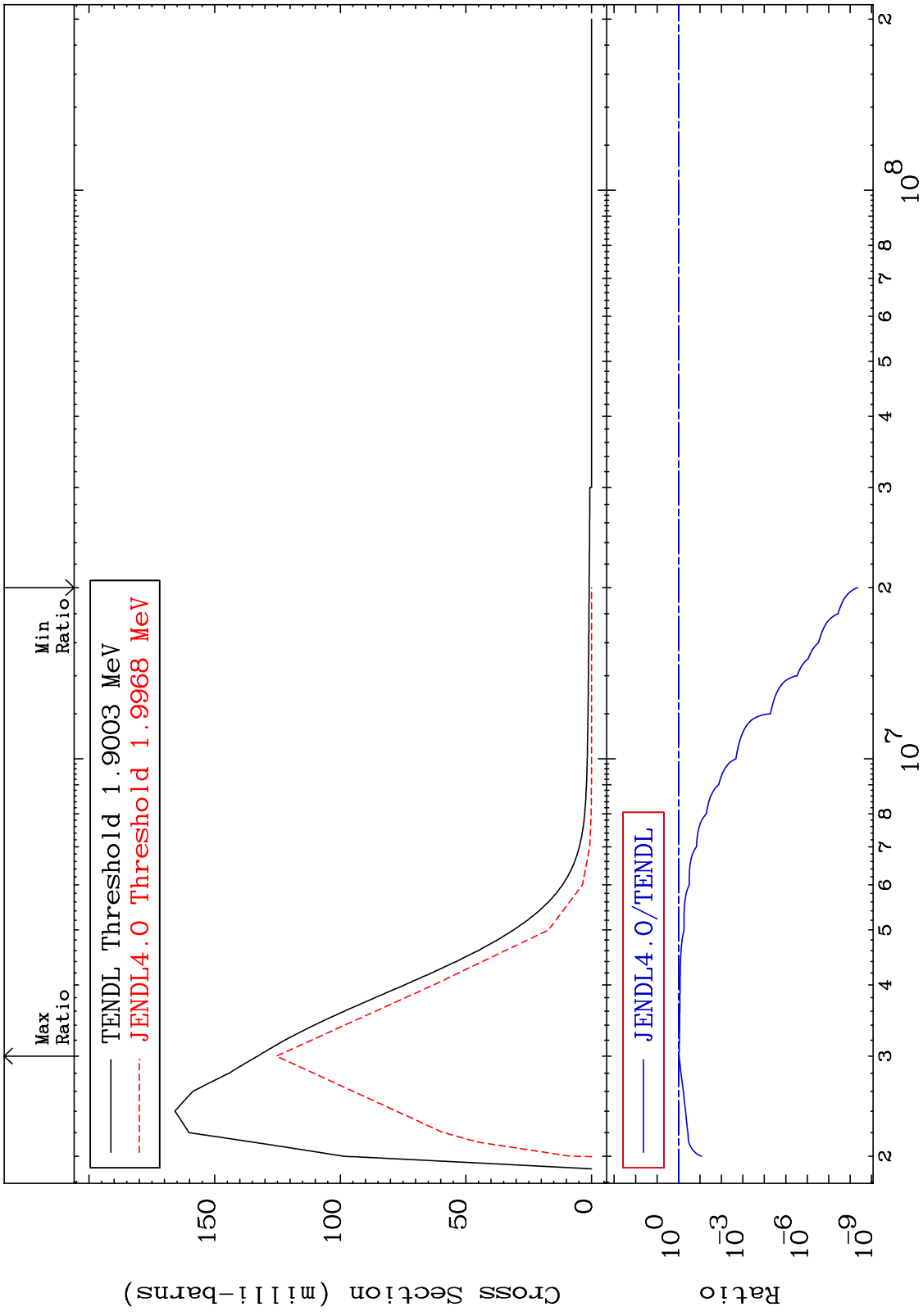
MAT 5255 MT= 53 (n,n') Level Cross Section 52-Te-130
 -100.0 To 34.53 %



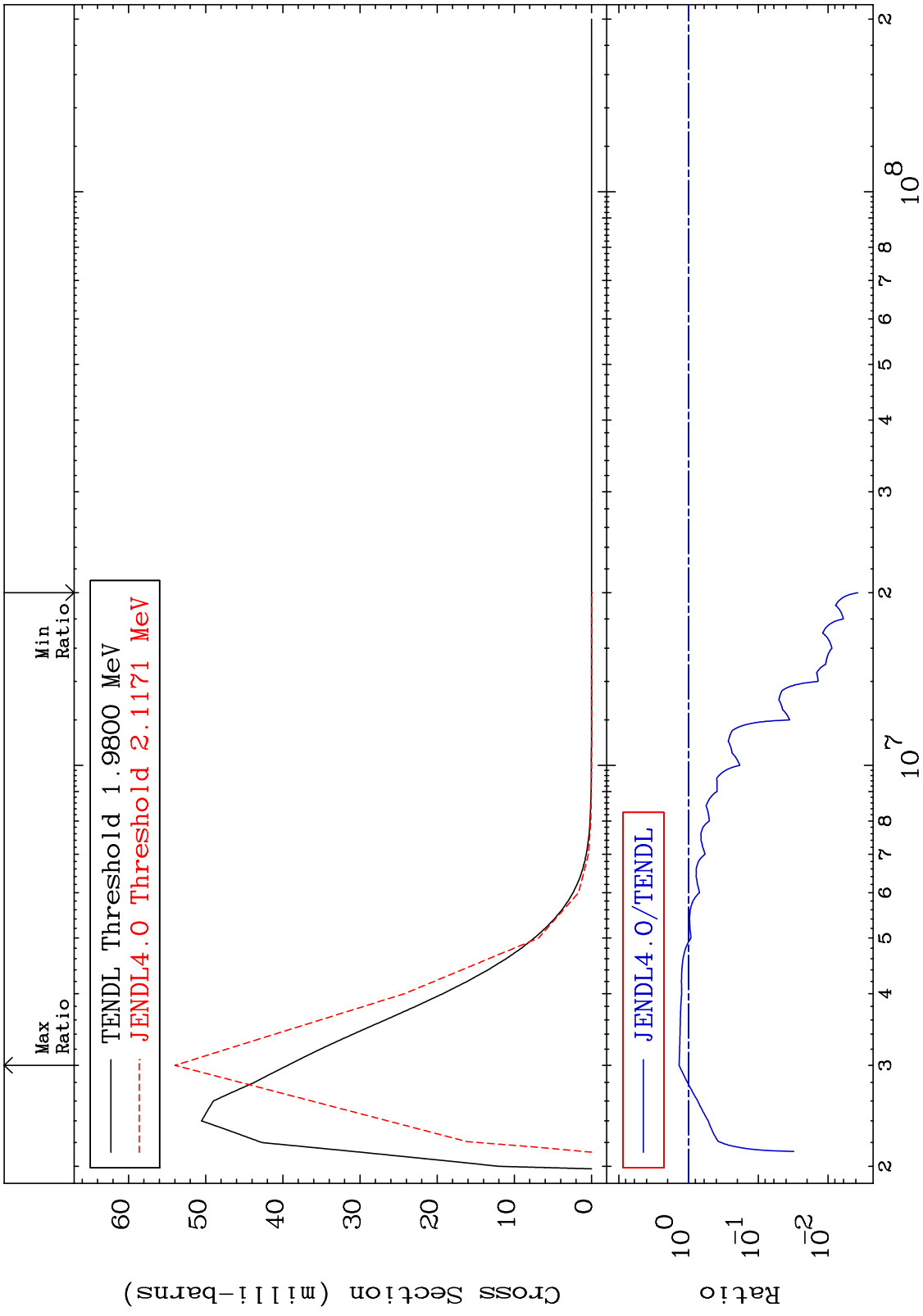
MAT 5255 MT= 54 (n,n') Level Cross Section 52-Te-130
 -100.0 To 68.36 %



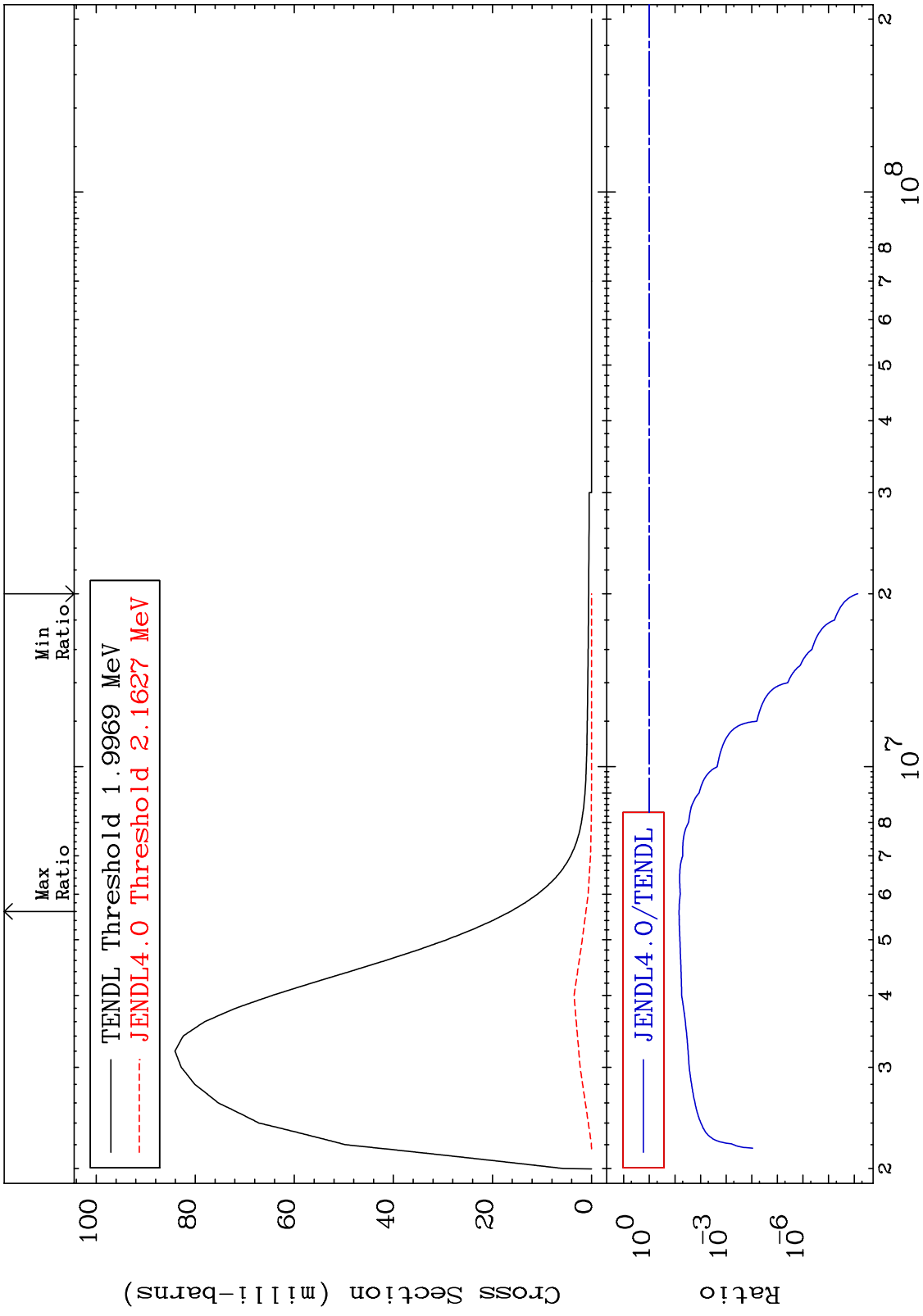
MAT 5255 MT= 55 (n,n') Level Cross Section 52-Te-130
 -100.0 To -5.600%



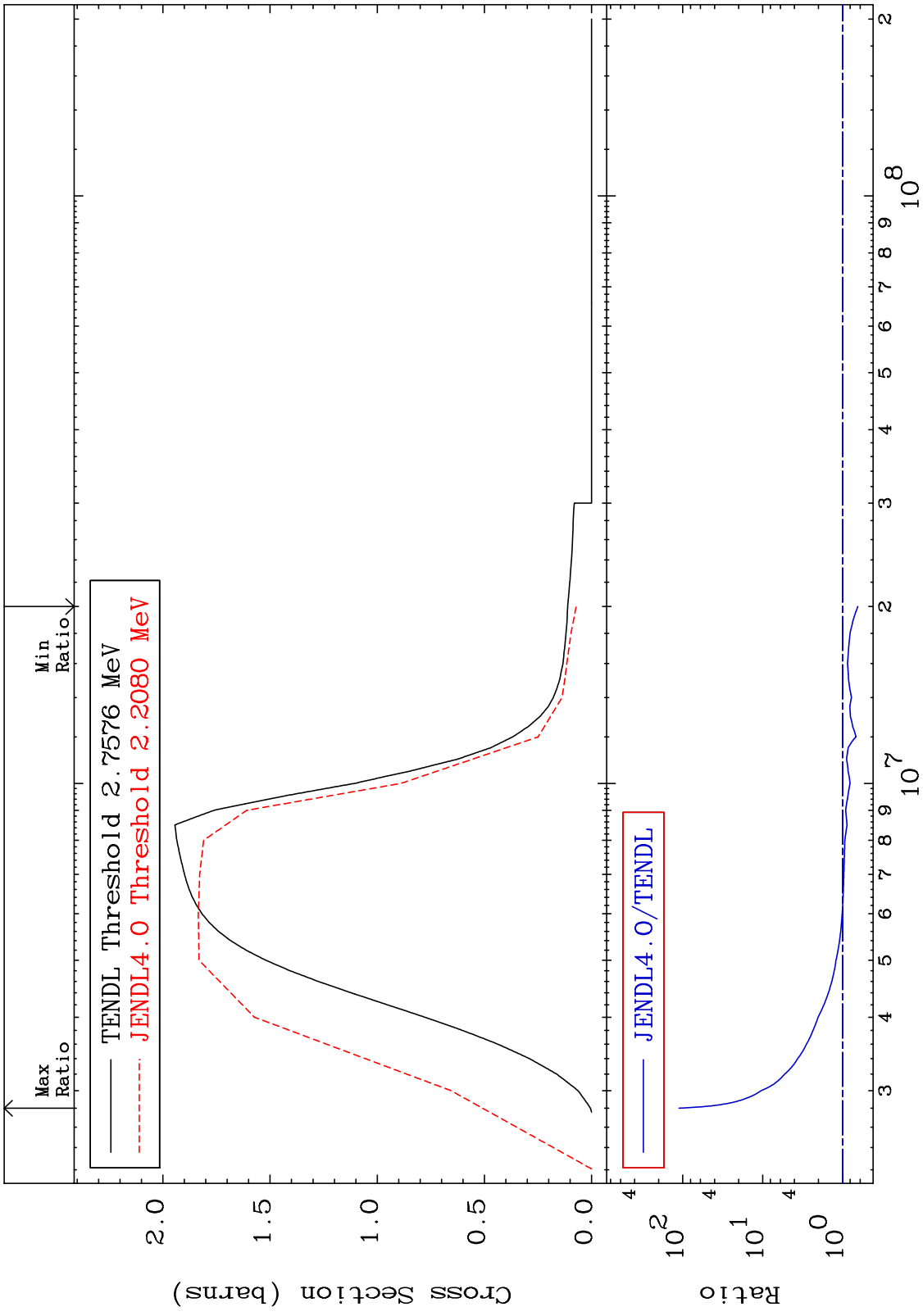
MAT 5255 MT= 56 (n,n') Level Cross Section 52-Te-130
 -99.63 To 37.17 %



MAT 5255 MT= 57 (n,n') Level Cross Section 52-Te-130
 -100.0 To -93.09%



MAT 5255 (n, n') Continuum Cross Section 52-Te-130 -35.76 To 9999. %



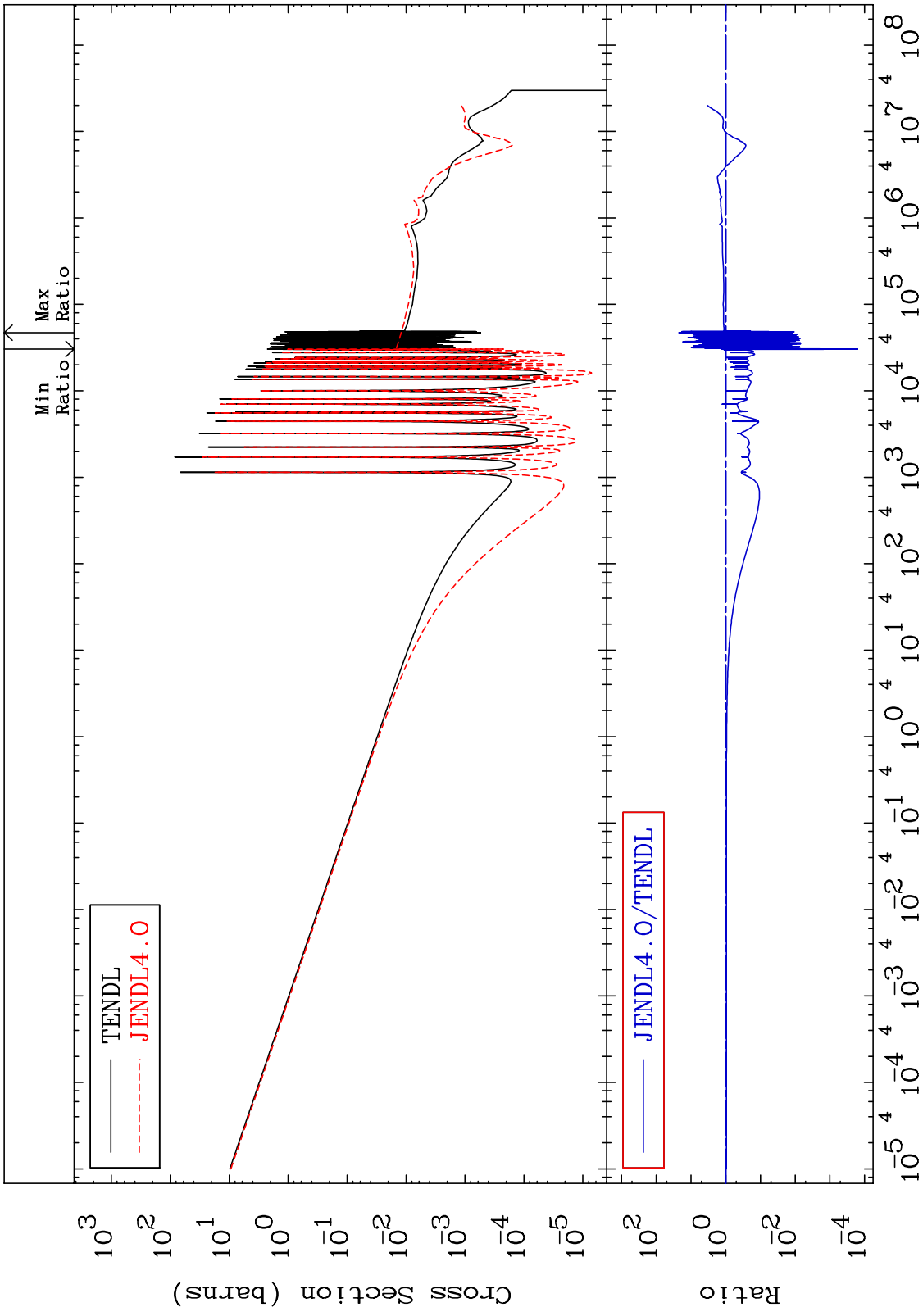
MAT 5255

(n, γ)

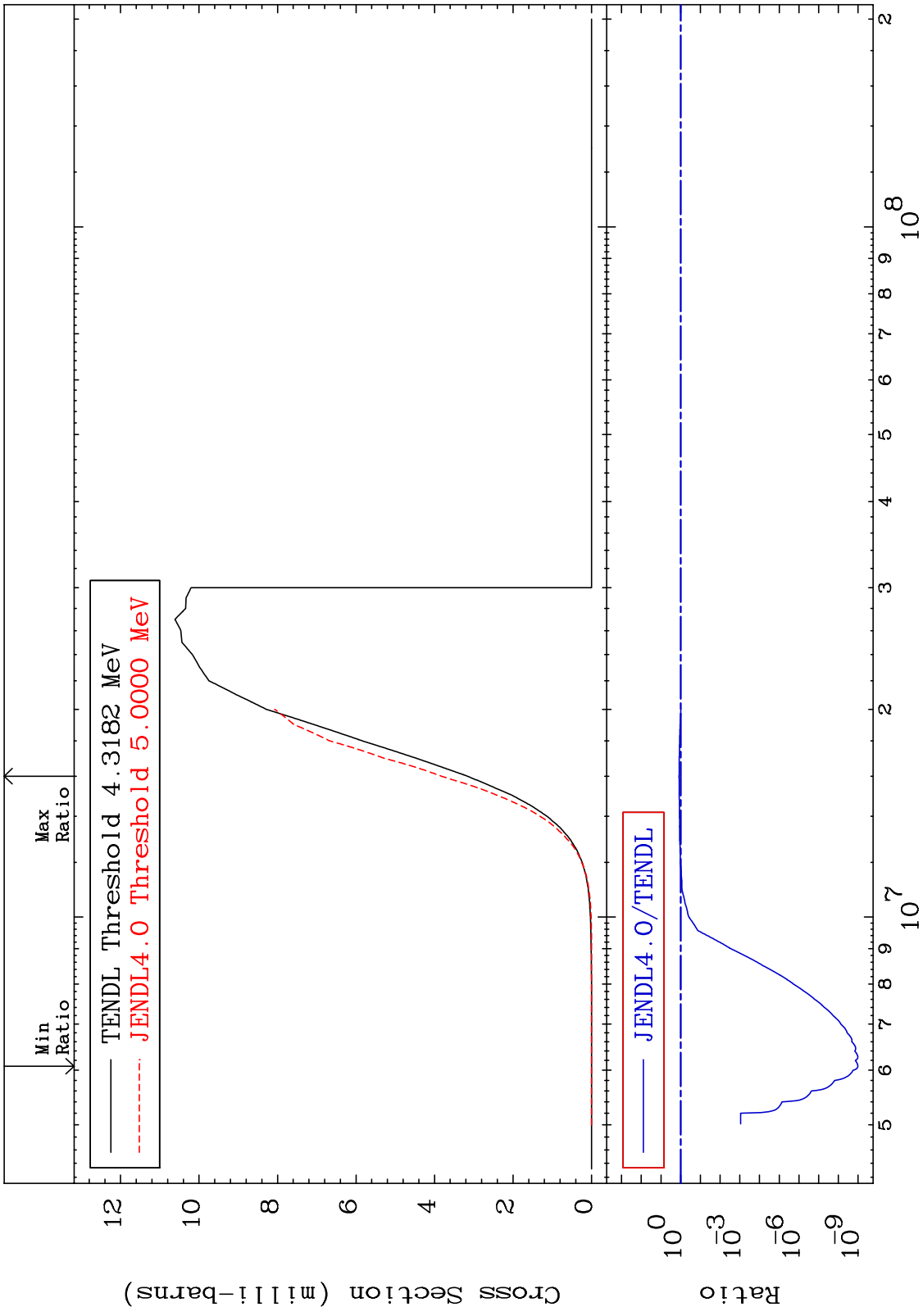
52-Te-130

Cross Section

-99.98 To 2112. %

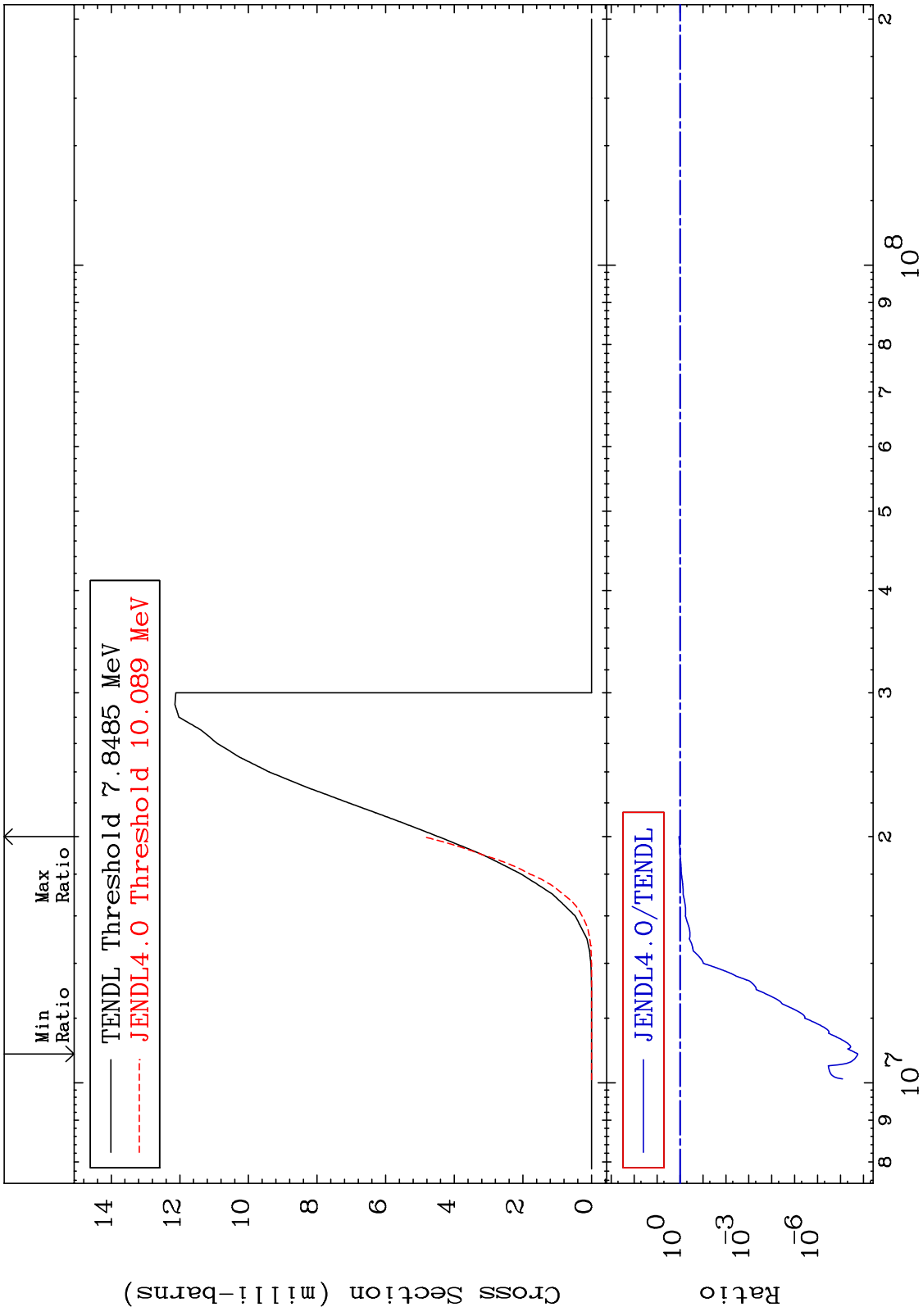


MAT 5255 (n,p) Cross Section 52-Te-130 -100.0 To 21.06 %

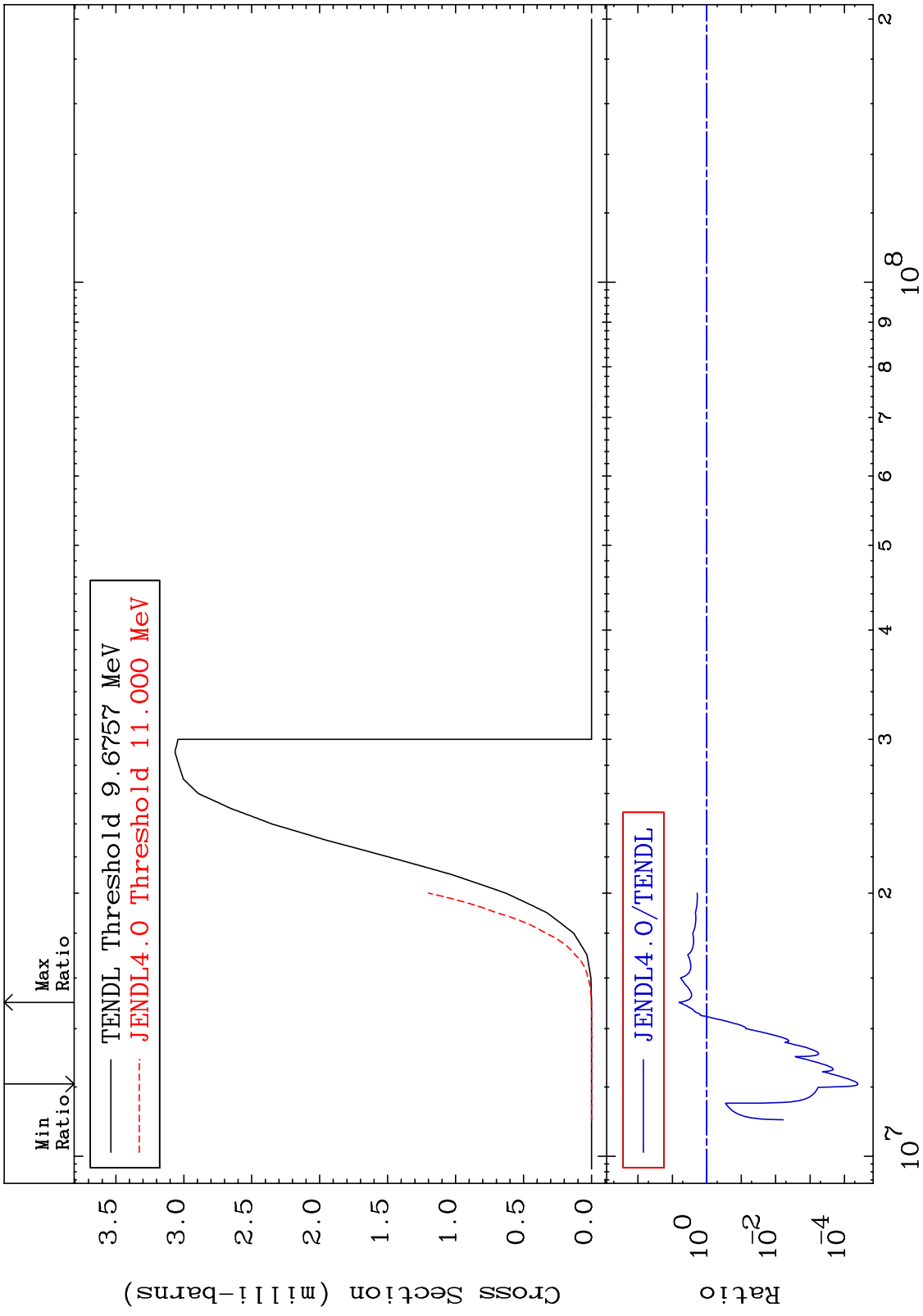


17 Incident Energy (eV) 52-Te-130

MAT 5255 (n,d) Cross Section 52-Te-130 -100.0 To 9.924 %

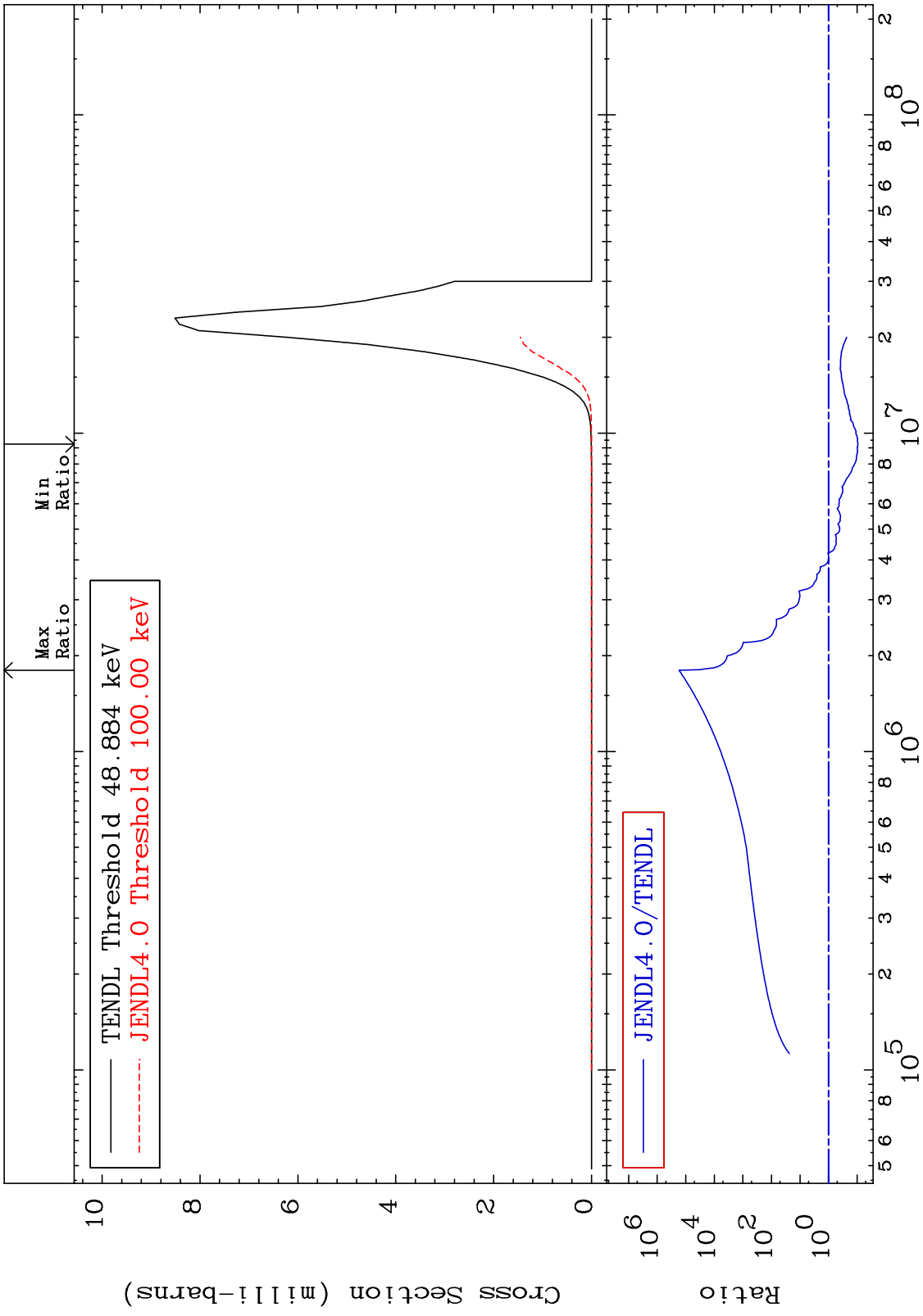


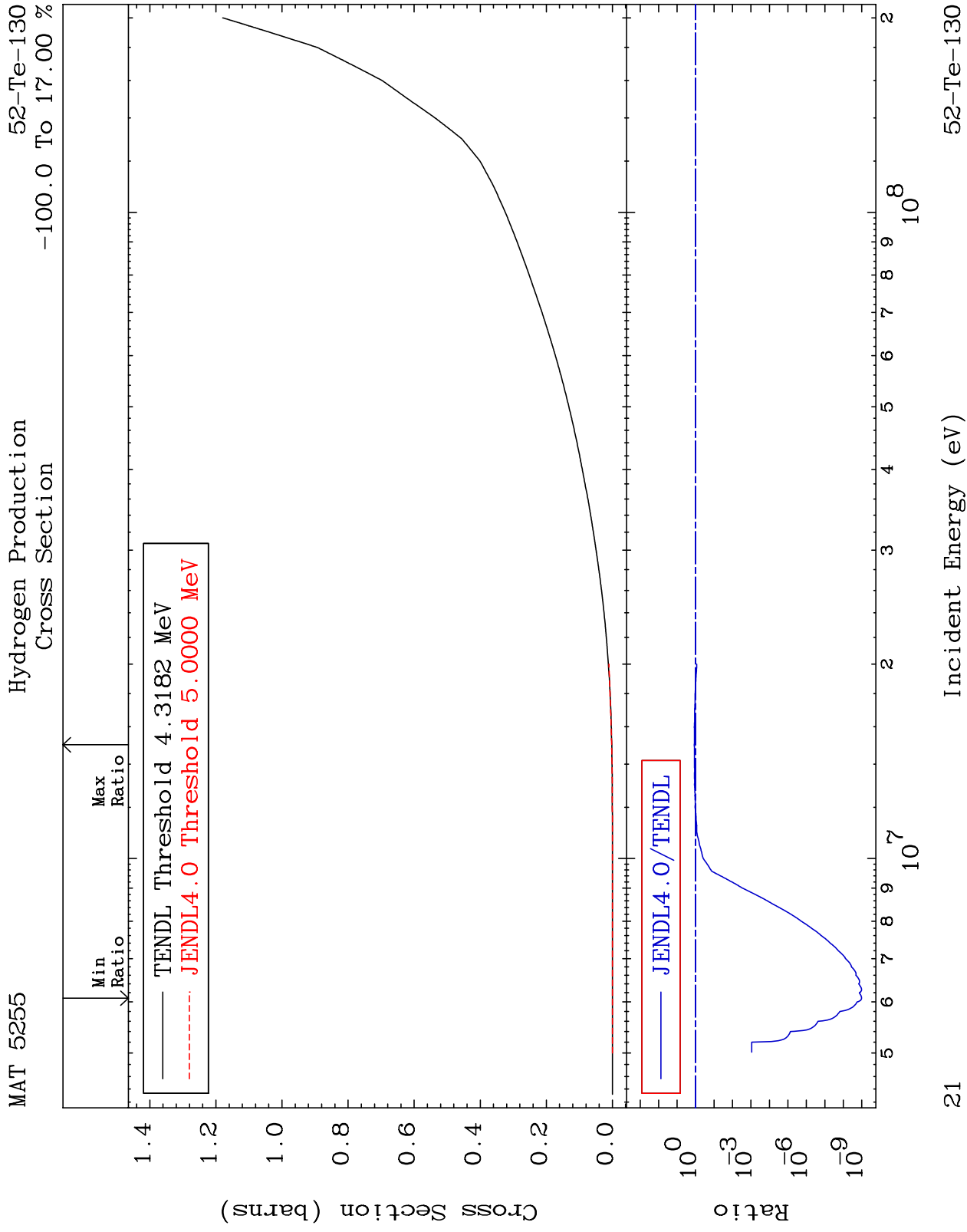
MAT 5255 (n,t) Cross Section 52-Te-130 -100.0 To 538.2 %



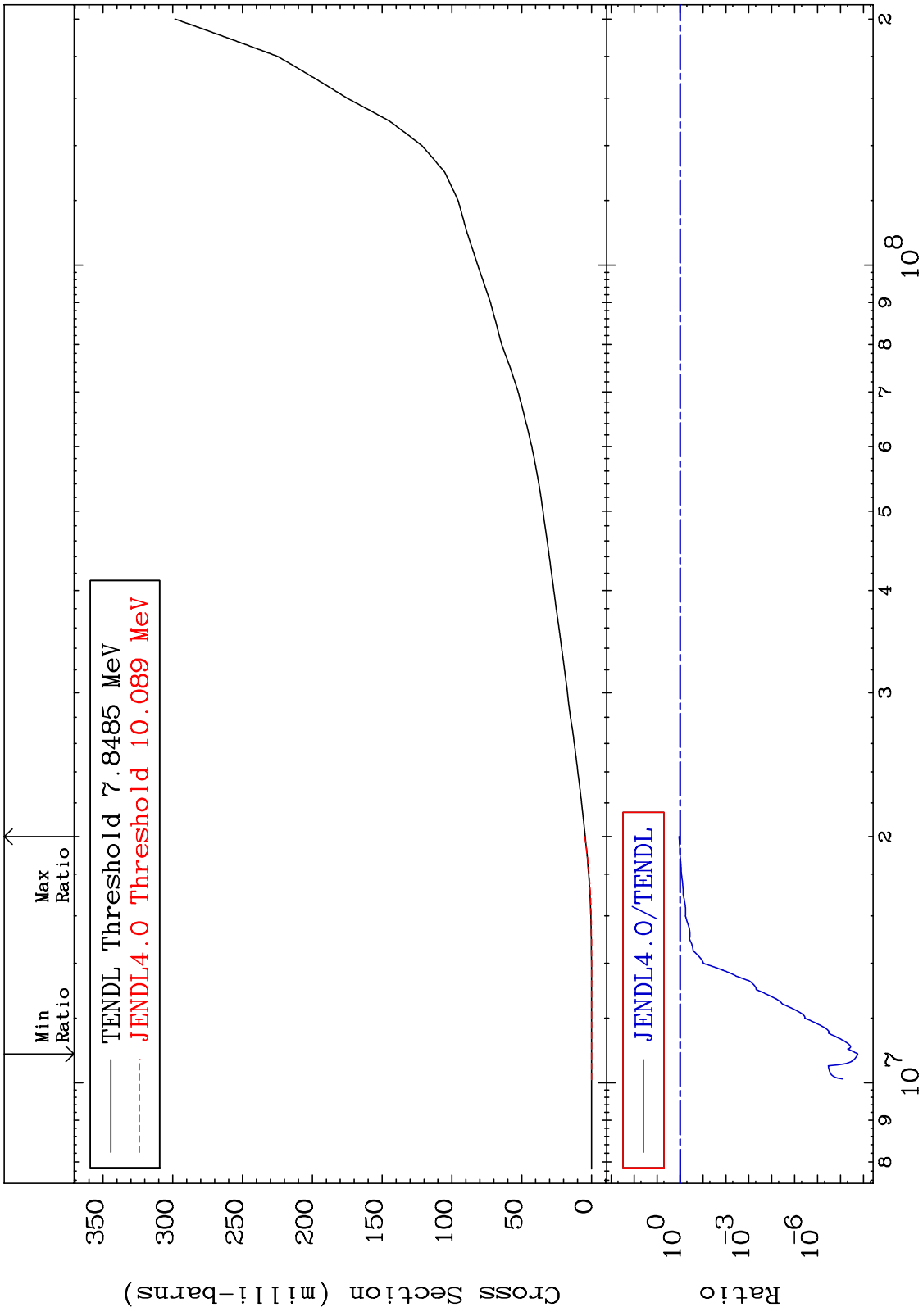
19 Incident Energy (eV) 52-Te-130

MAT 5255 52-Te-130
-90.53 To 9999. %



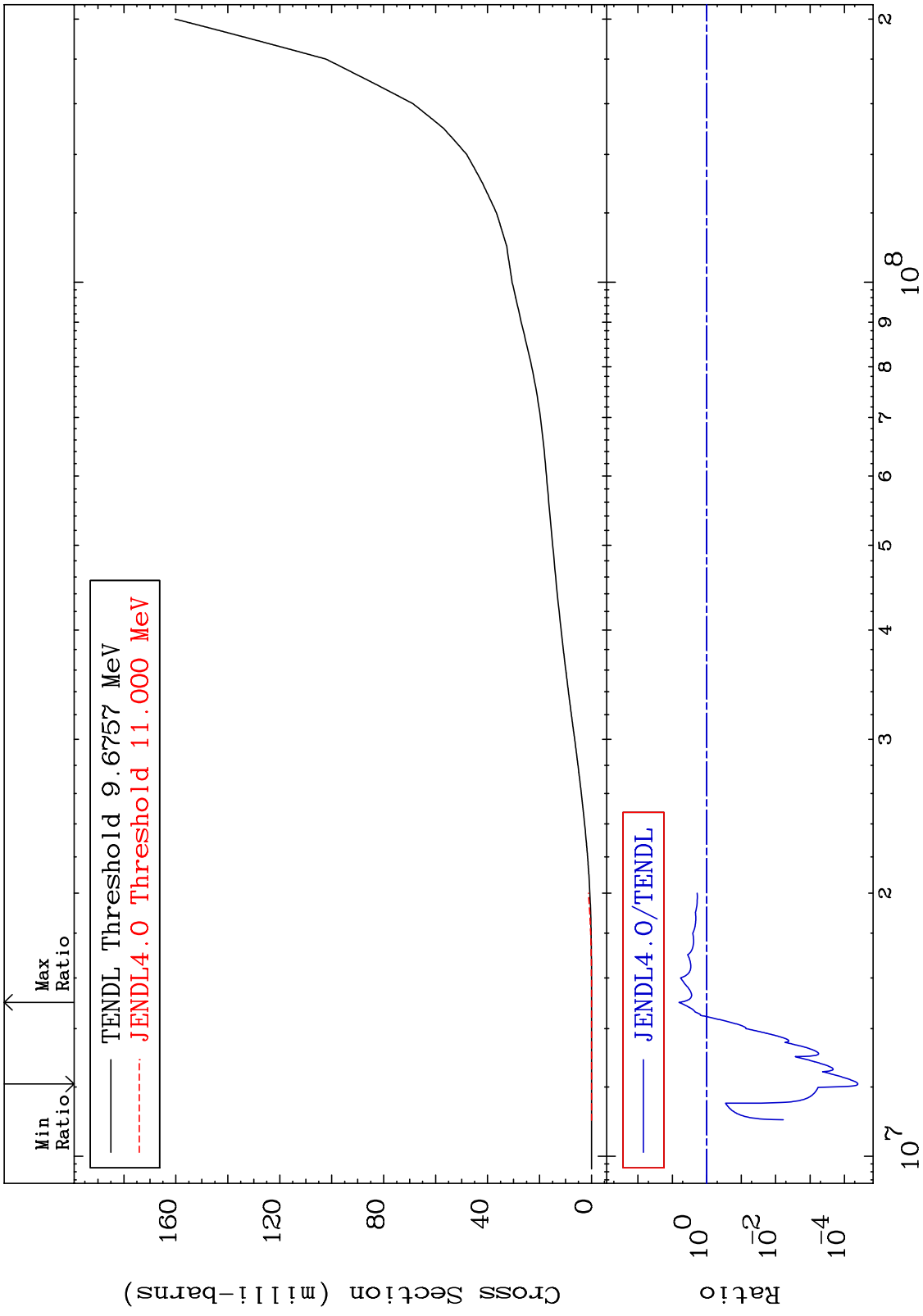


MAT 5255 Deuterium Production Cross Section 52-Te-130 -100.0 To 9.922 %



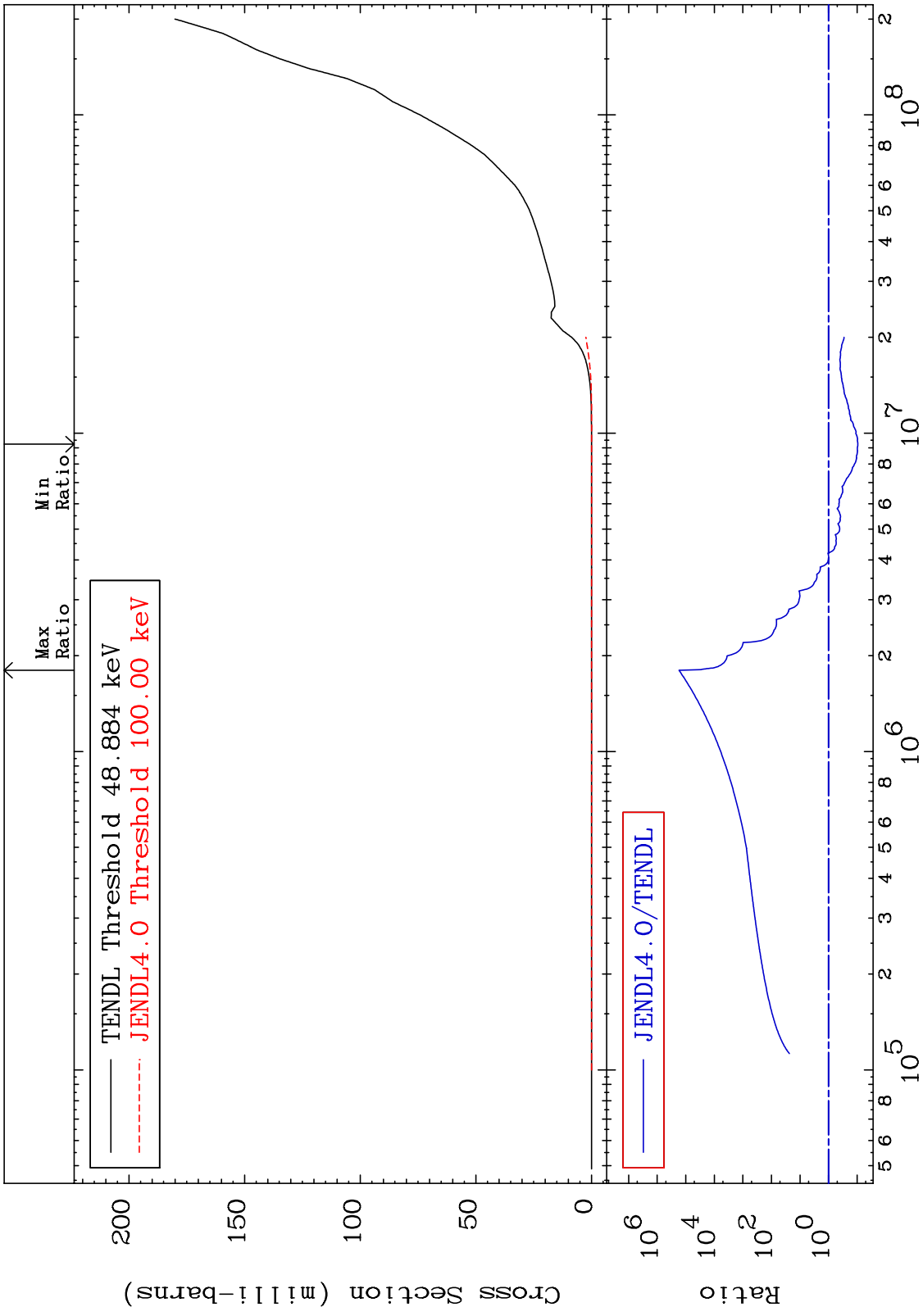
22 52-Te-130

MAT 5255 Tritium Production Cross Section 52-Te-130 -100.0 To 538.2 %

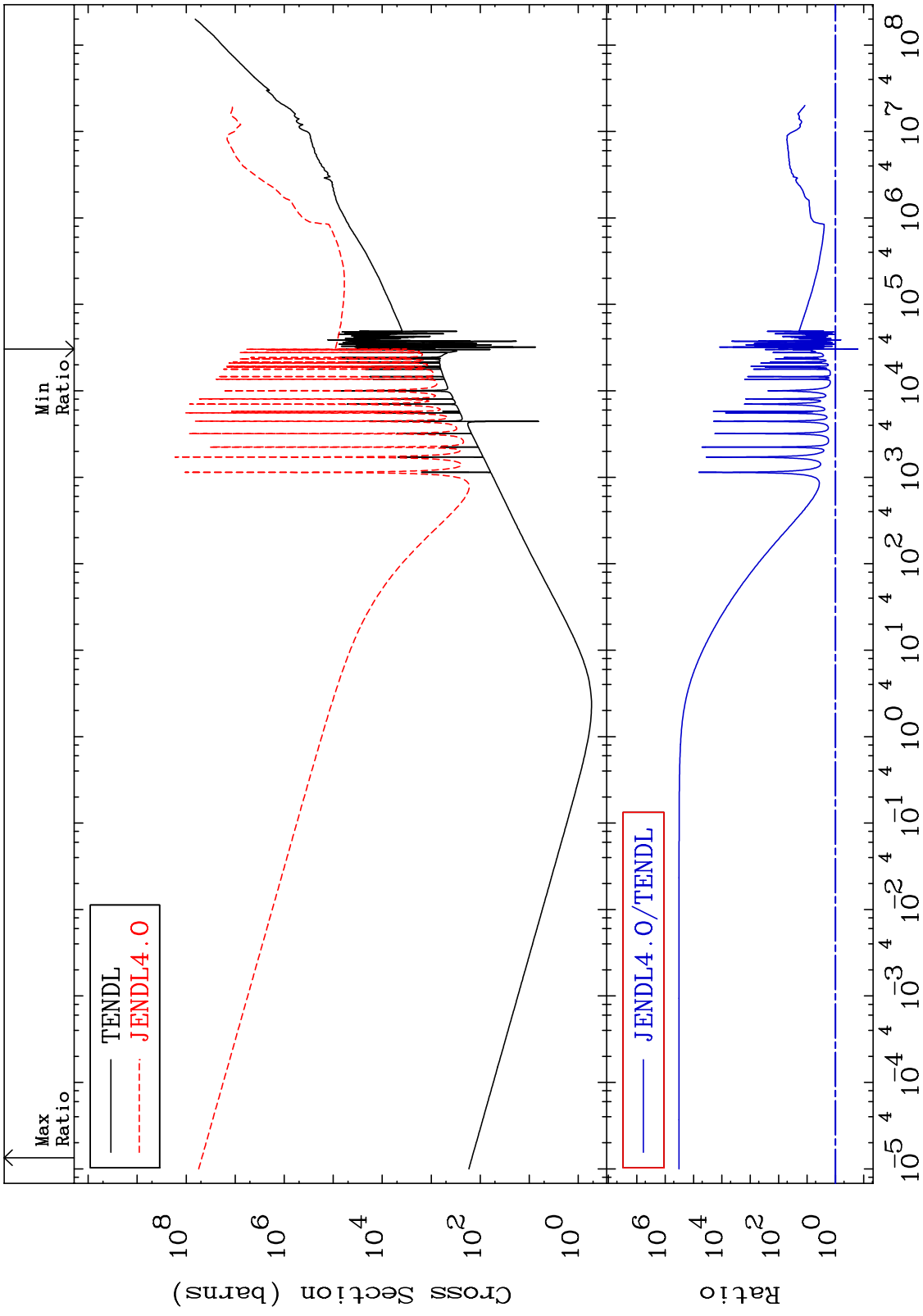


23 52-Te-130 Incident Energy (eV)

MAT 5255 52-Te-130
 He-4 Production -90.53 To 9999. %
 Cross Section



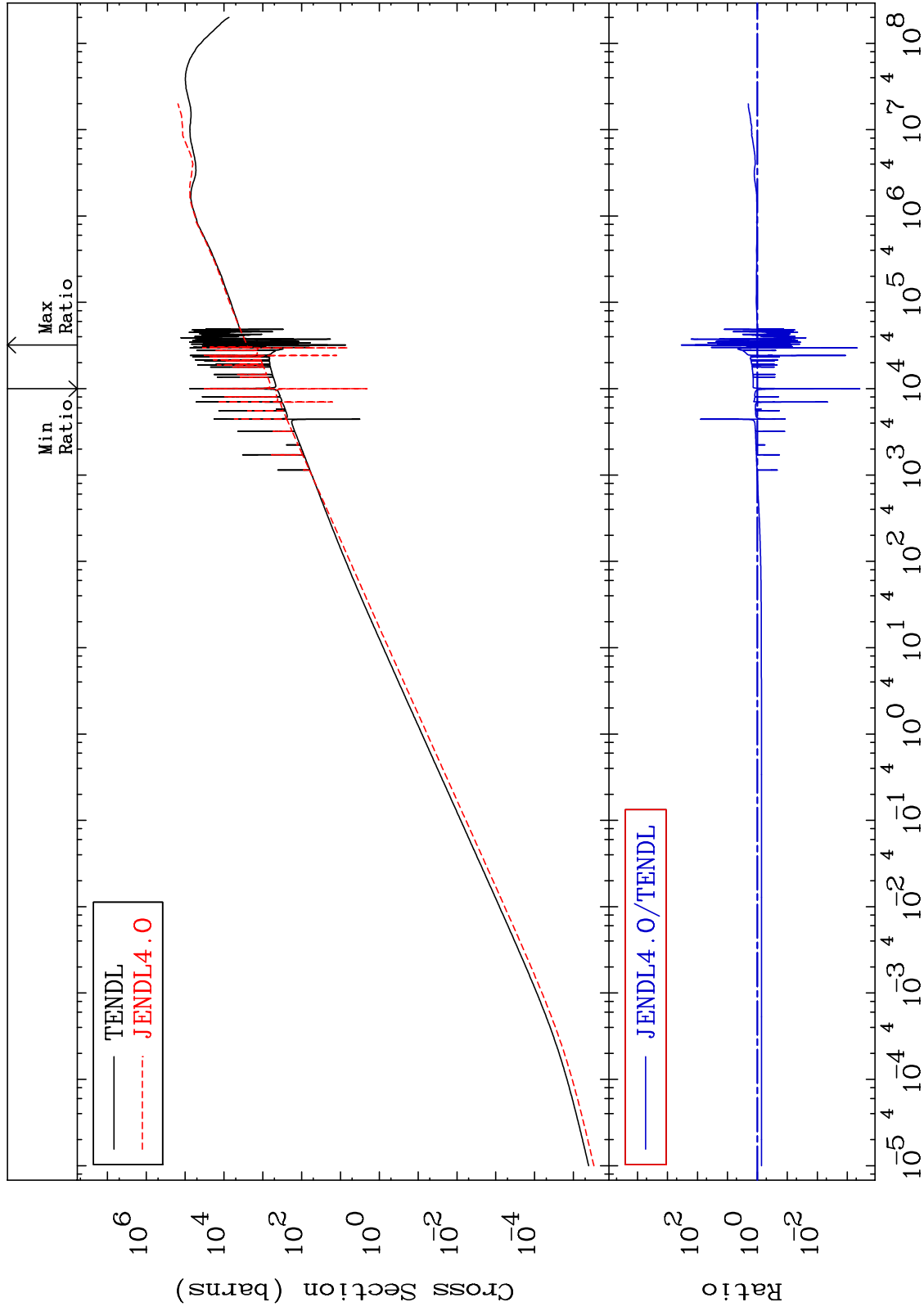
MAT 5255 Kerma total (eV-barns) 52-Te-130
 Cross Section -83.79 To 9999. %



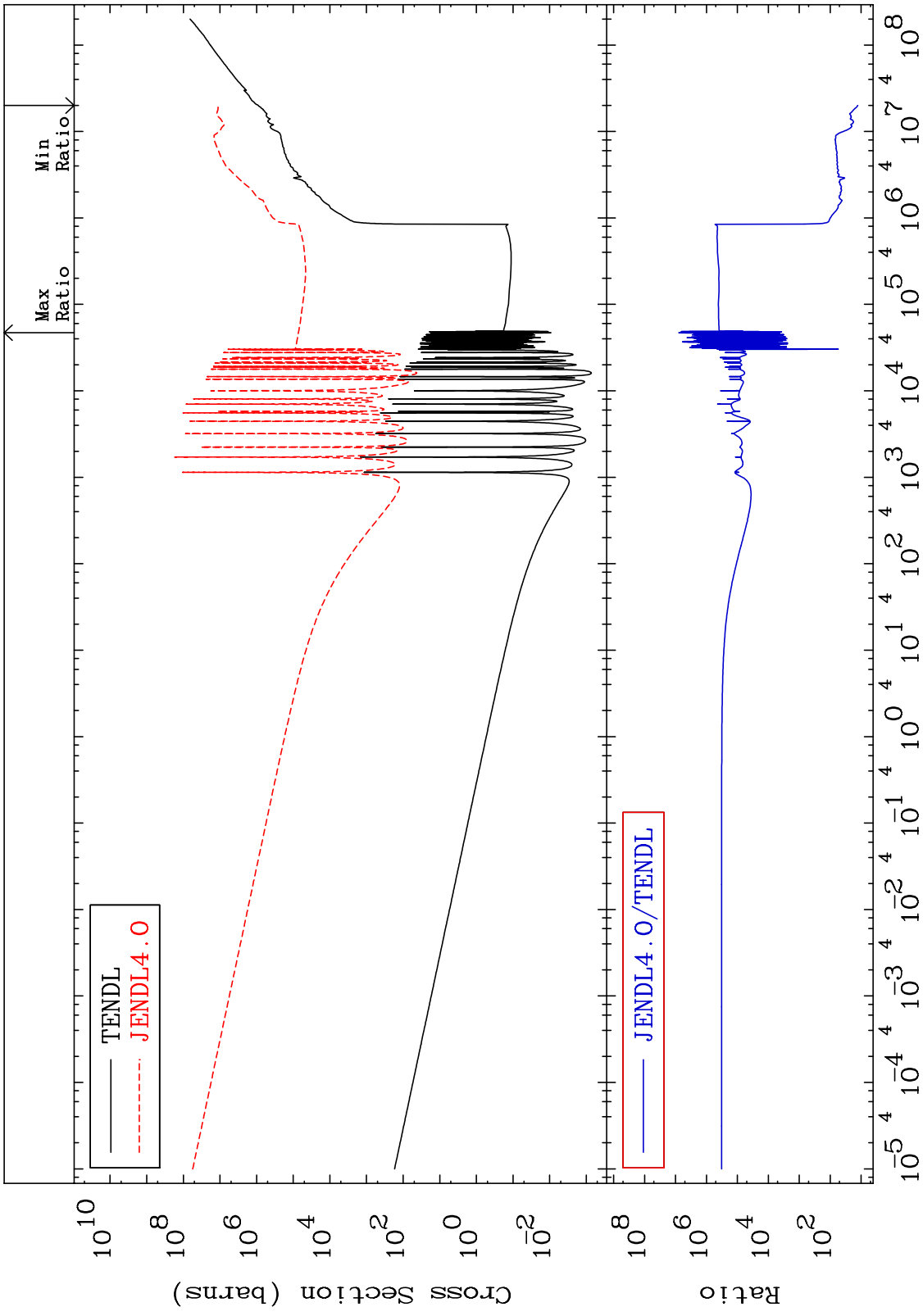
MAT 5255

Kerma elastic
Cross Section

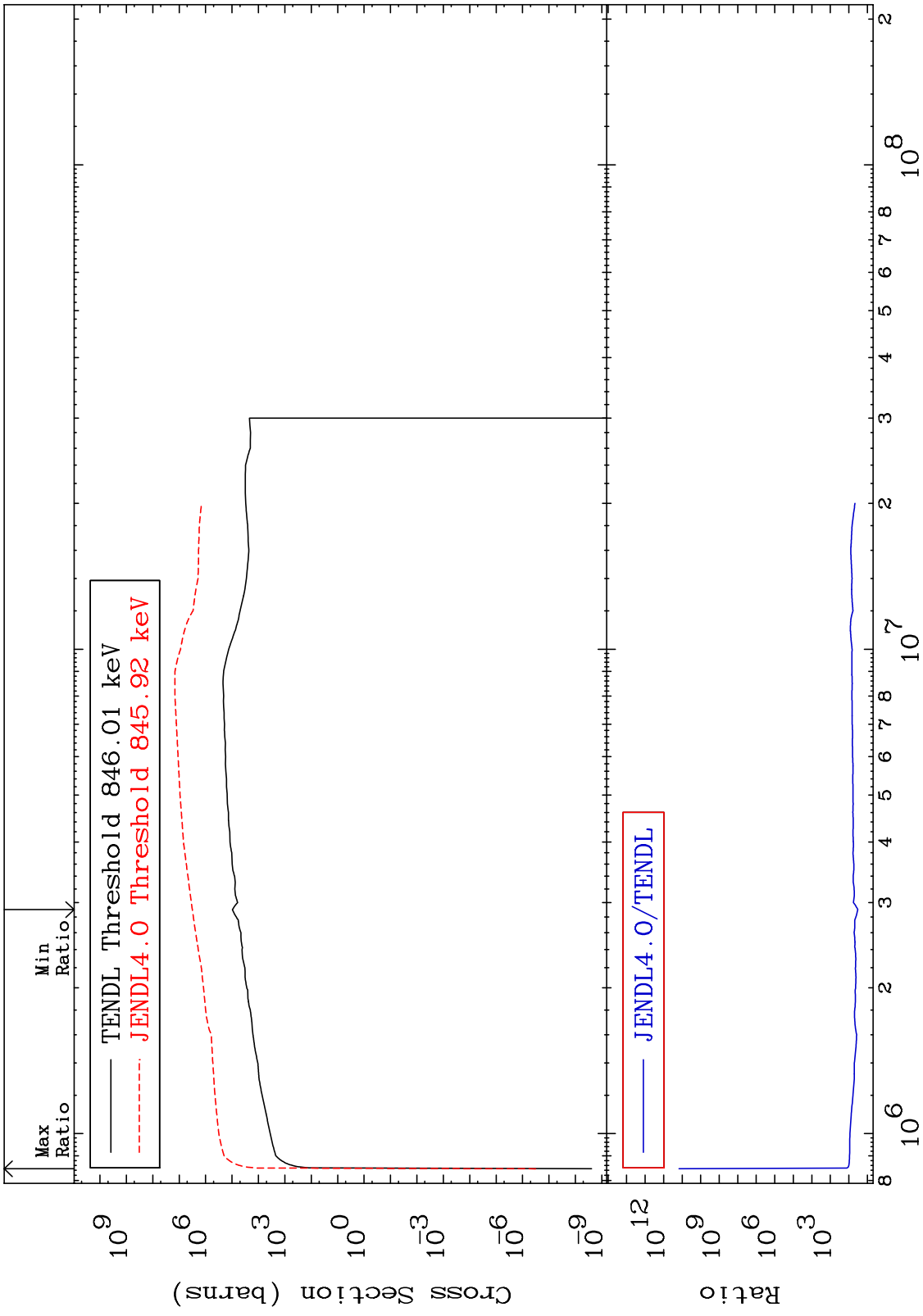
52-Te-130
-99.96 To 9999. %



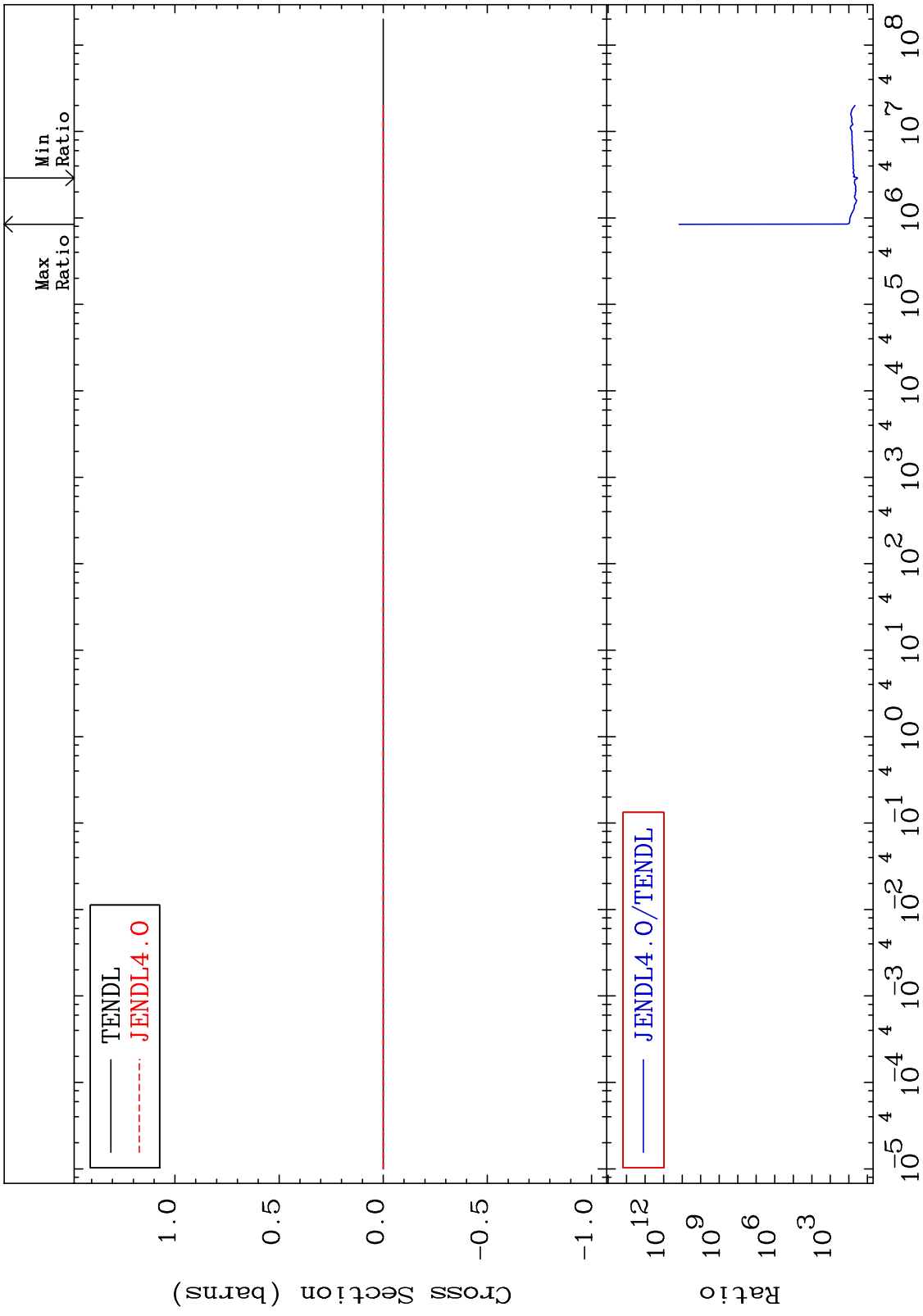
MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130
 Cross Section 1178. To 9999. %



MAT 5255 Kerma inelastic (mt51-91) 52-Te-130
 Cross Section 3183. To 9999. %



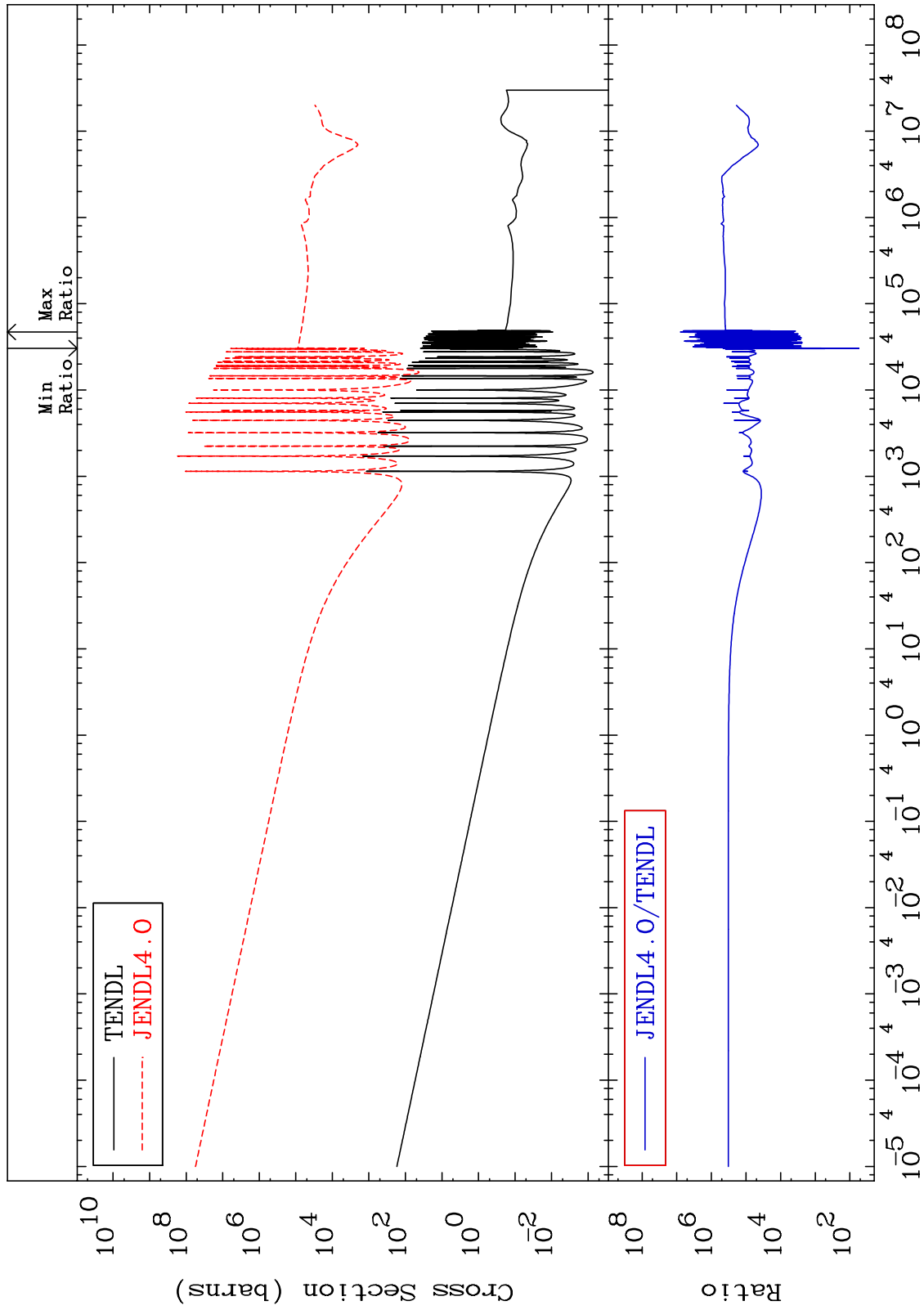
MAT 5255 Kerma fission (mt18 or mt19-20-21-38) 52-Te-130
 Cross Section 3183. To 9999. %



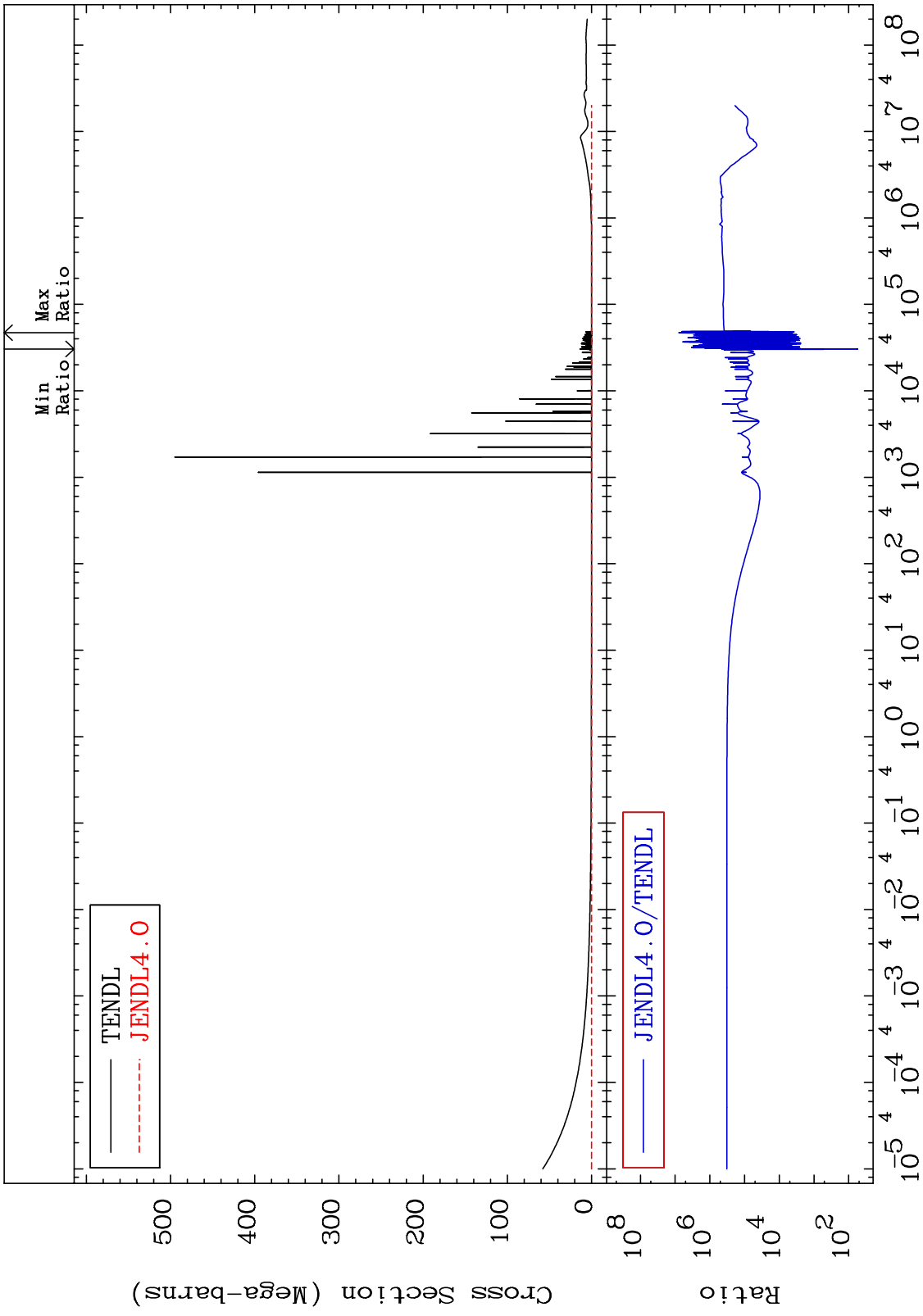
MAT 5255

Kerma capture (mt102)
Cross Section

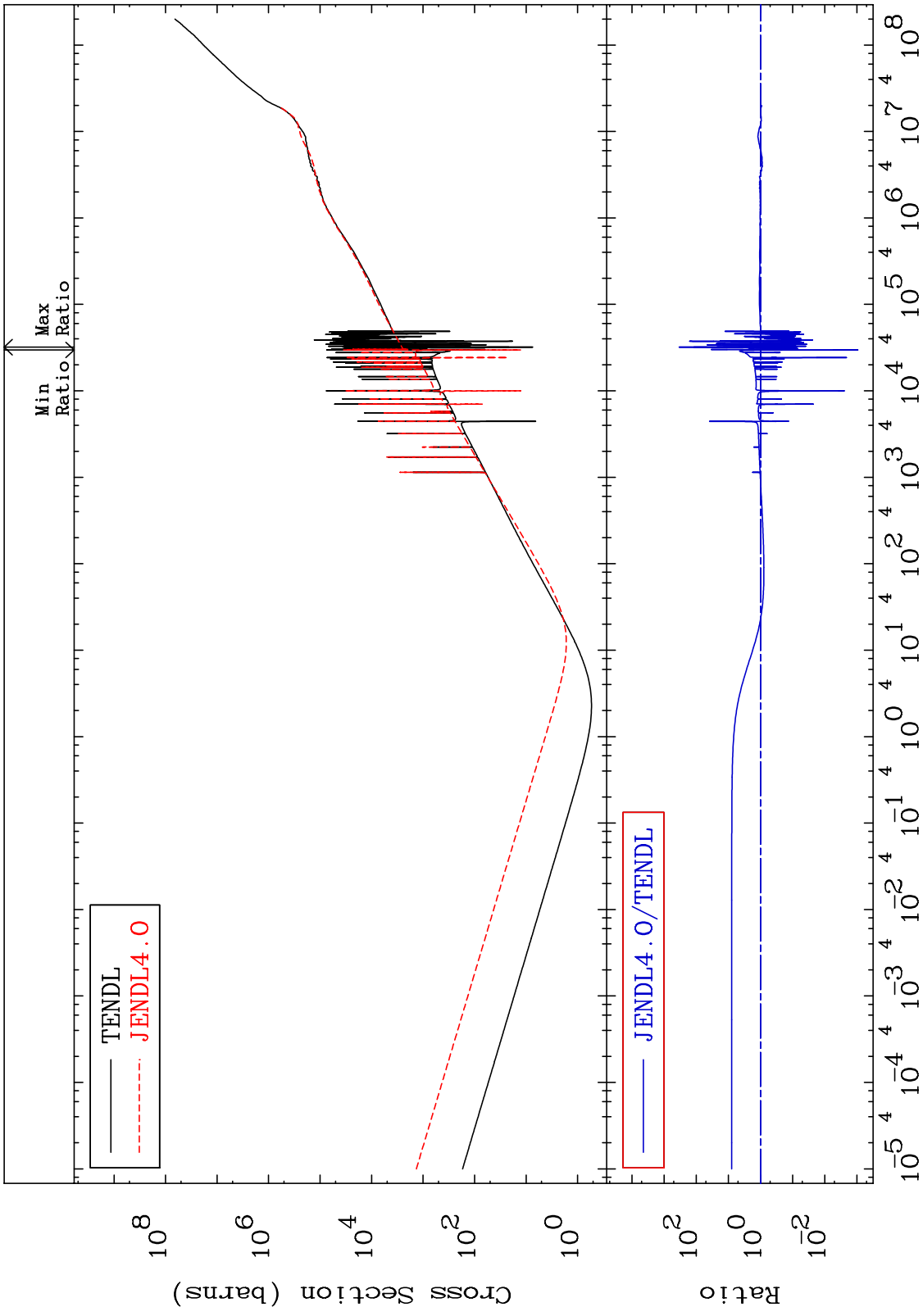
52-Te-130
5342. To 9999. %



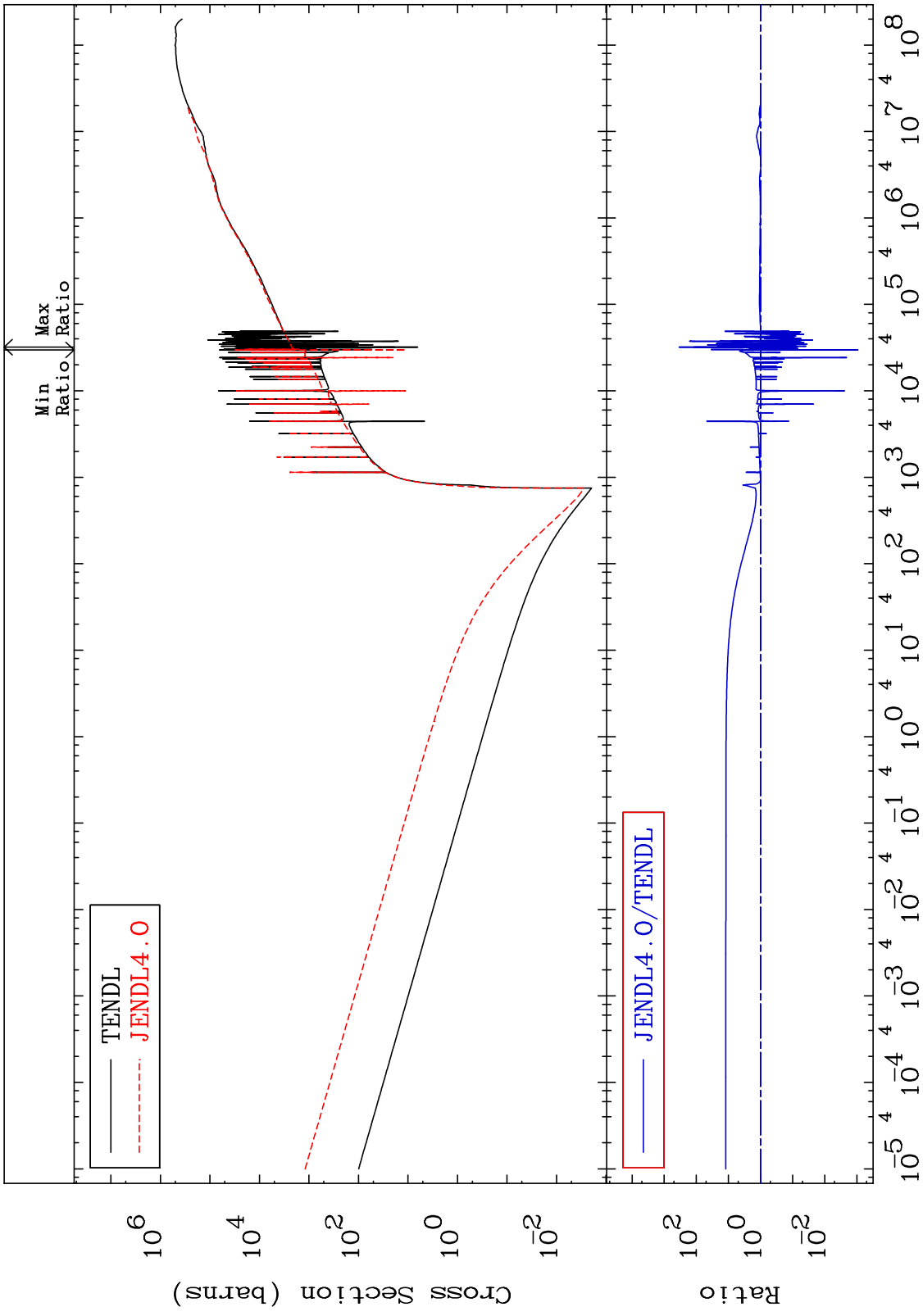
MAT 5255 Total photon (eV-barns) 52-Te-130
 Cross Section 5342. To 9999. %



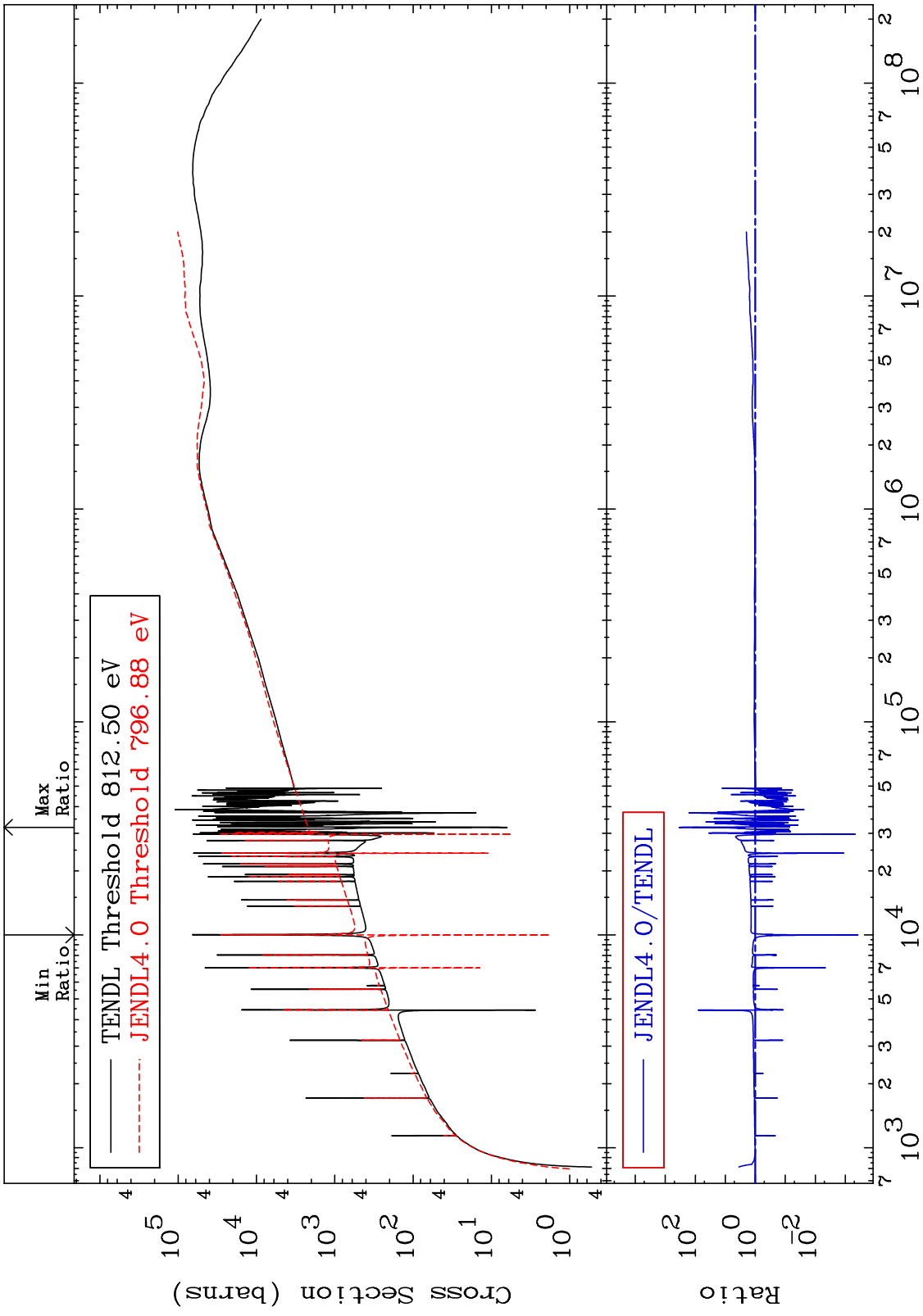
MAT 5255 Total kinematic kerma (high limit) 52-Te-130
 Cross Section -99.91 To 9999. %



MAT 5255 Dpa total (eV-barns) 52-Te-130
 Cross Section -99.91 To 9999. %

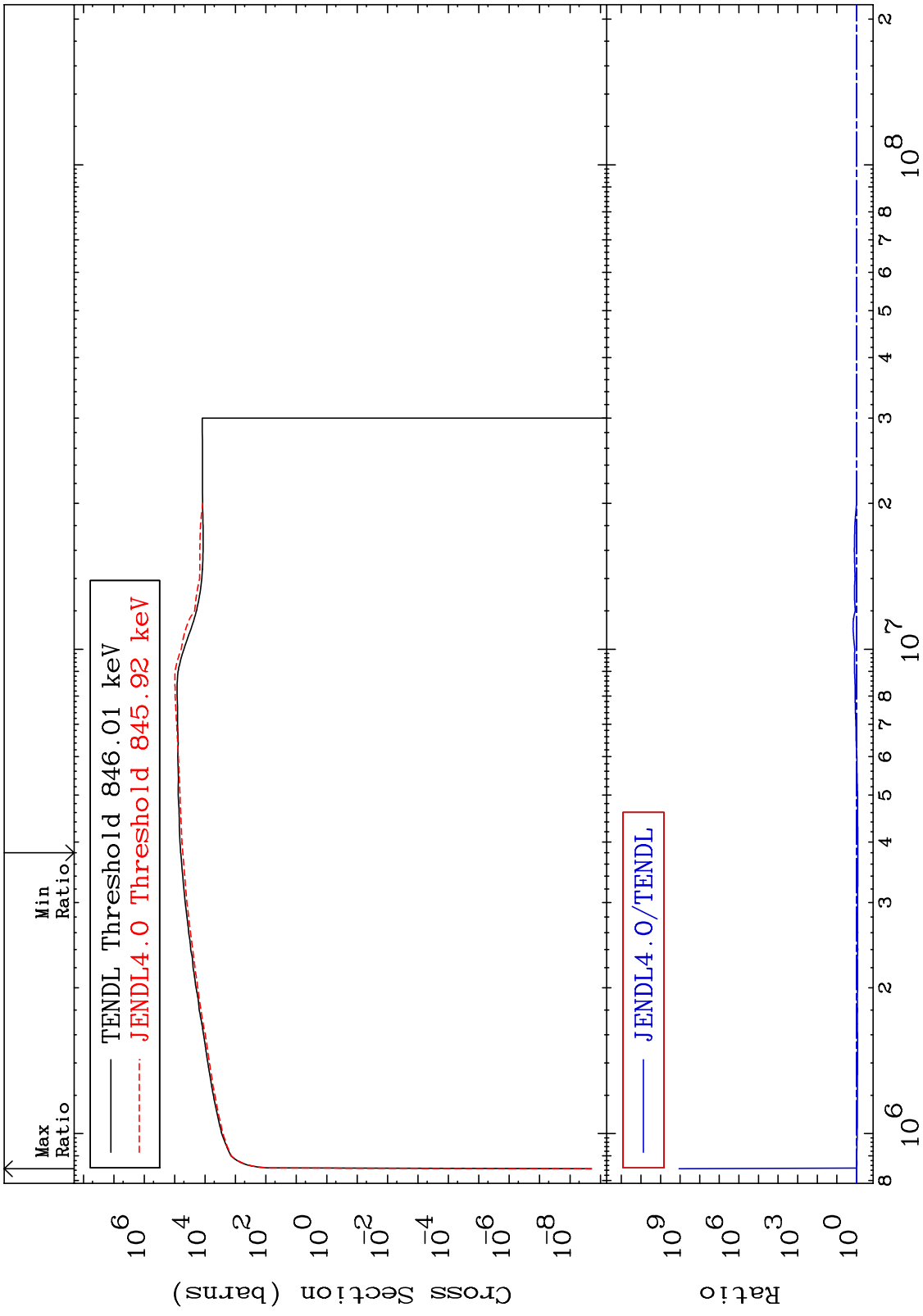


MAT 5255 52-Te-130
 Dpa elastic (mt2) -99.96 To 9999. %
 Cross Section

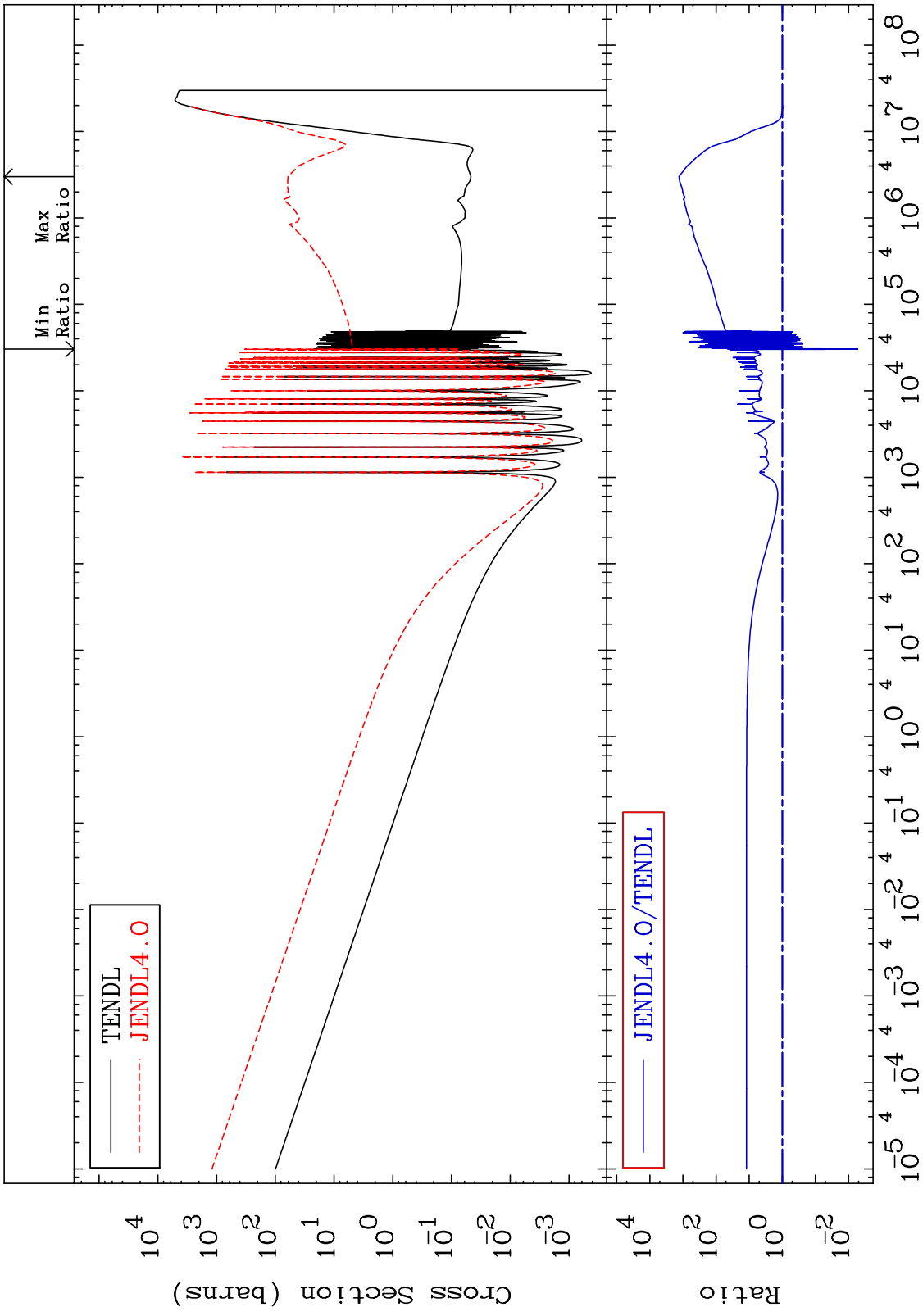


Incident Energy (eV) 52-Te-130

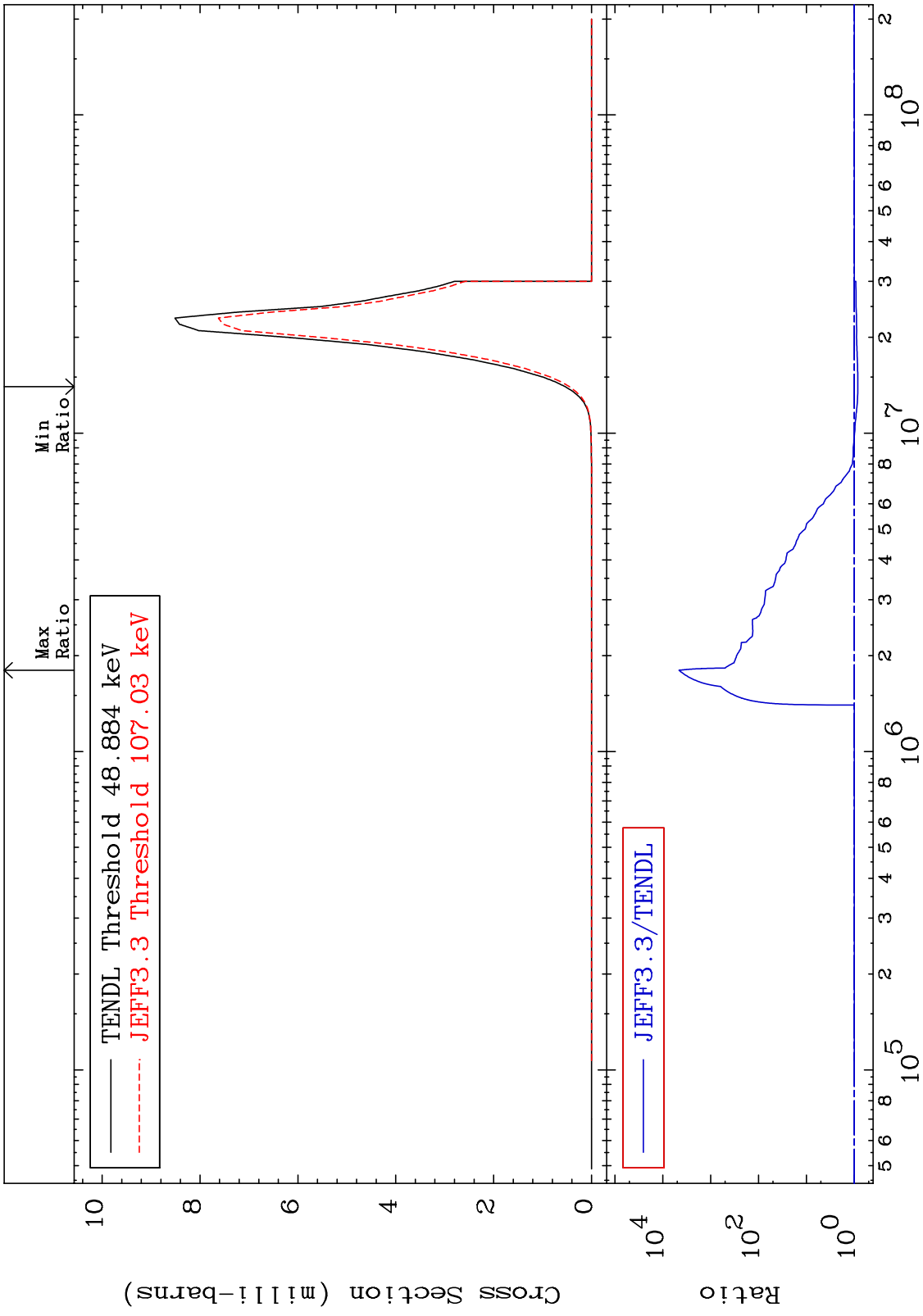
MAT 5255 Dpa inelastic (mt51-91) 52-Te-130
 Cross Section -14.86 To 9999. %

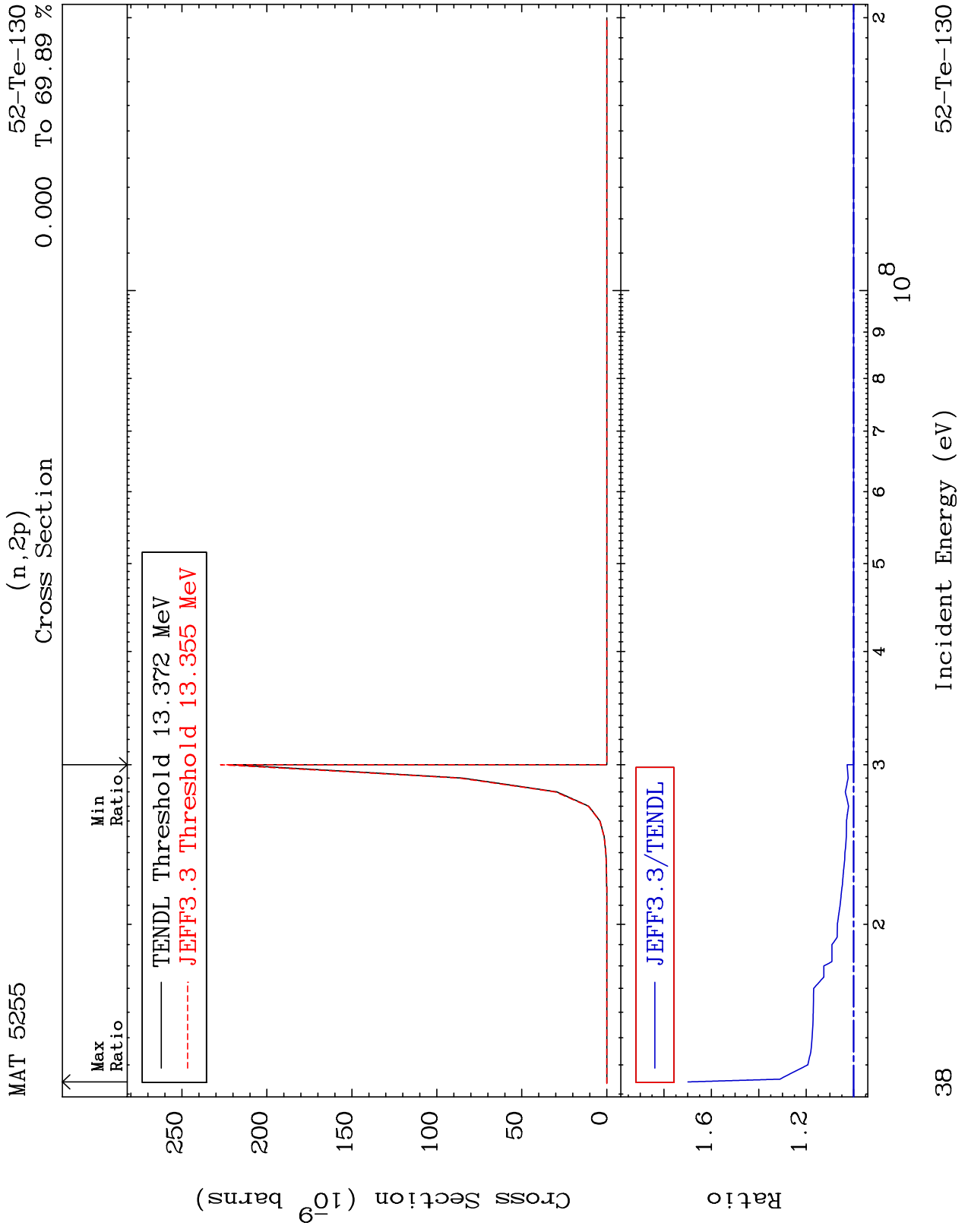


MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130
 Cross Section -99.47 To 9999. %

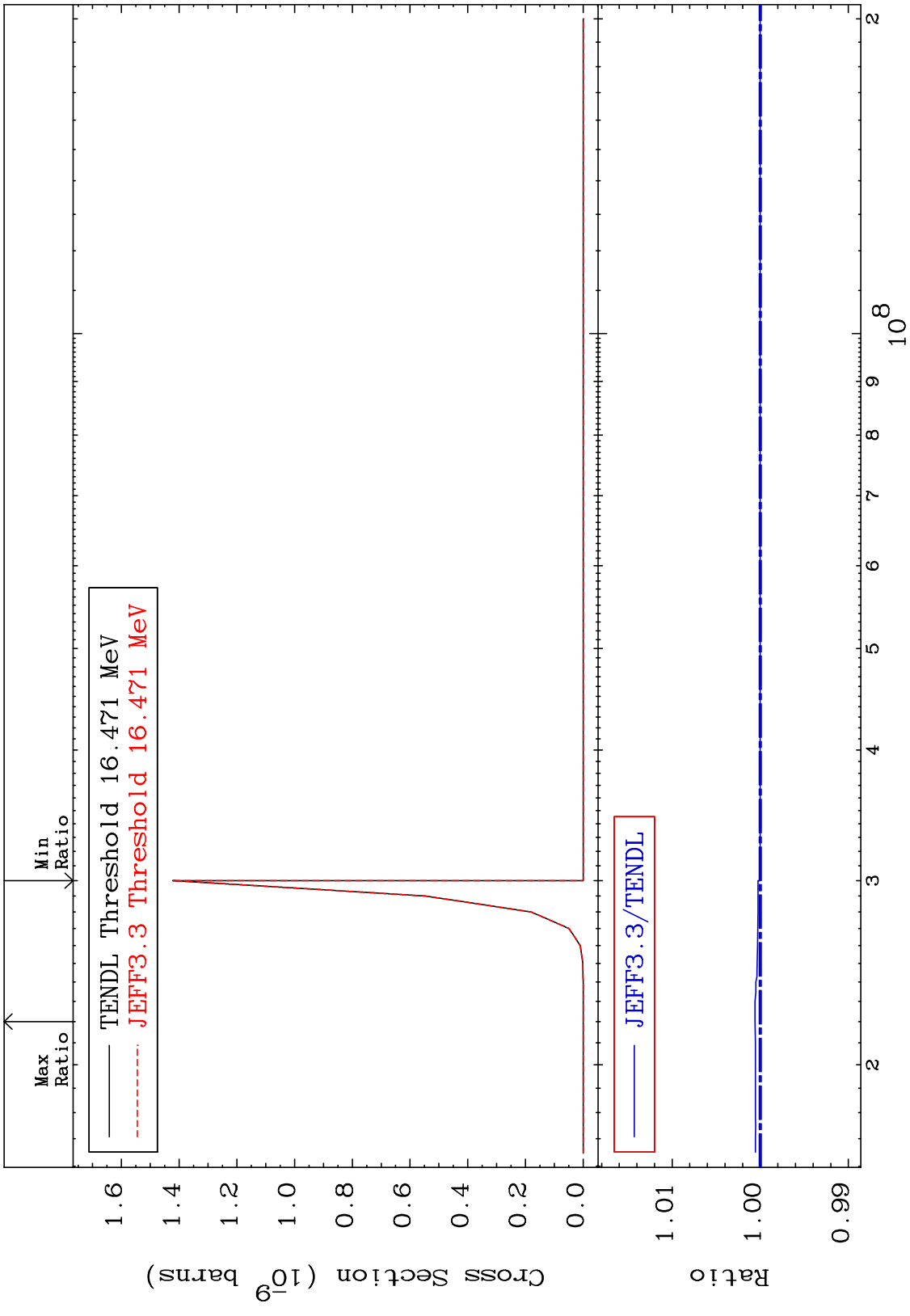


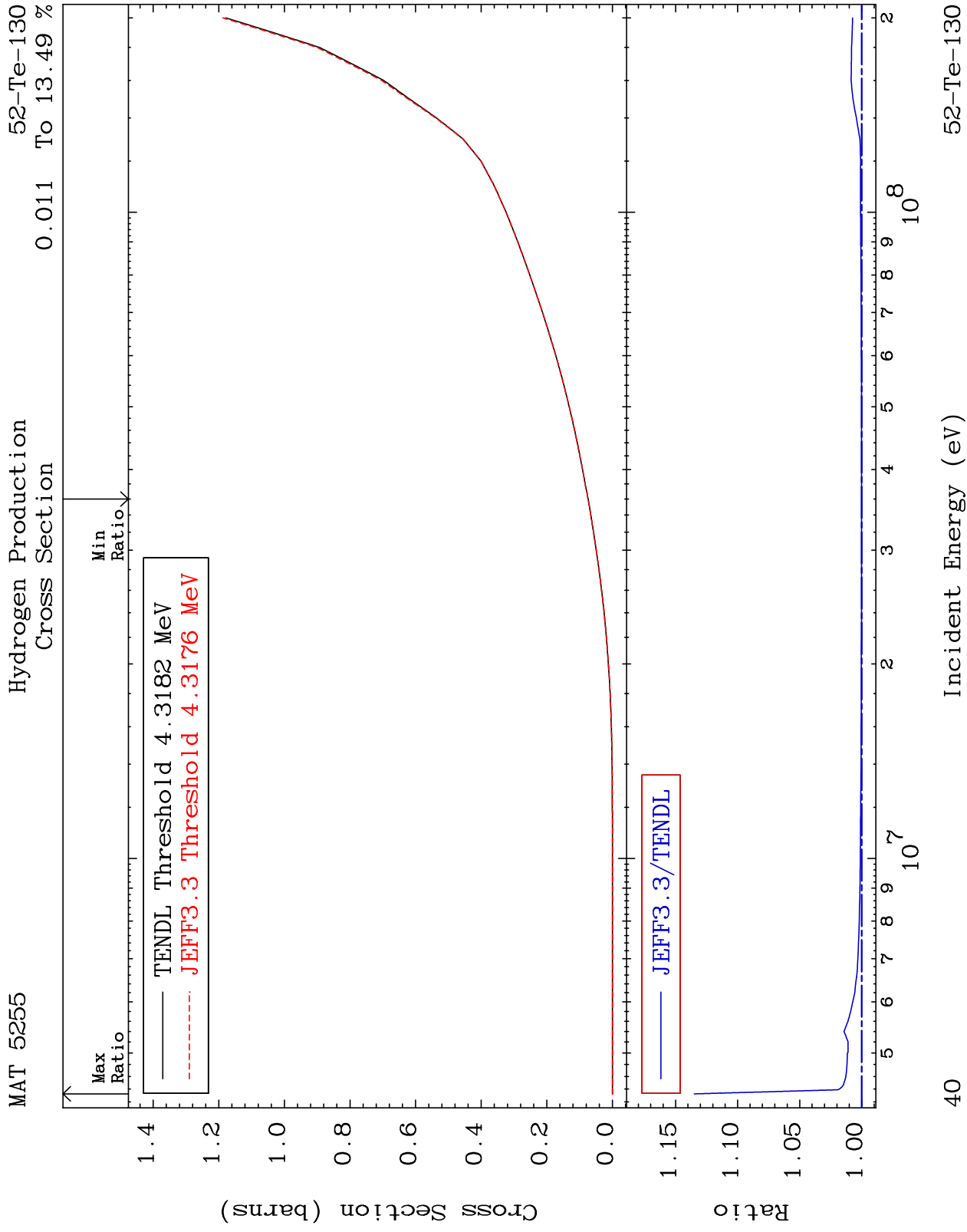
MAT 5255 52-Te-130
-16.00 To 9999. %



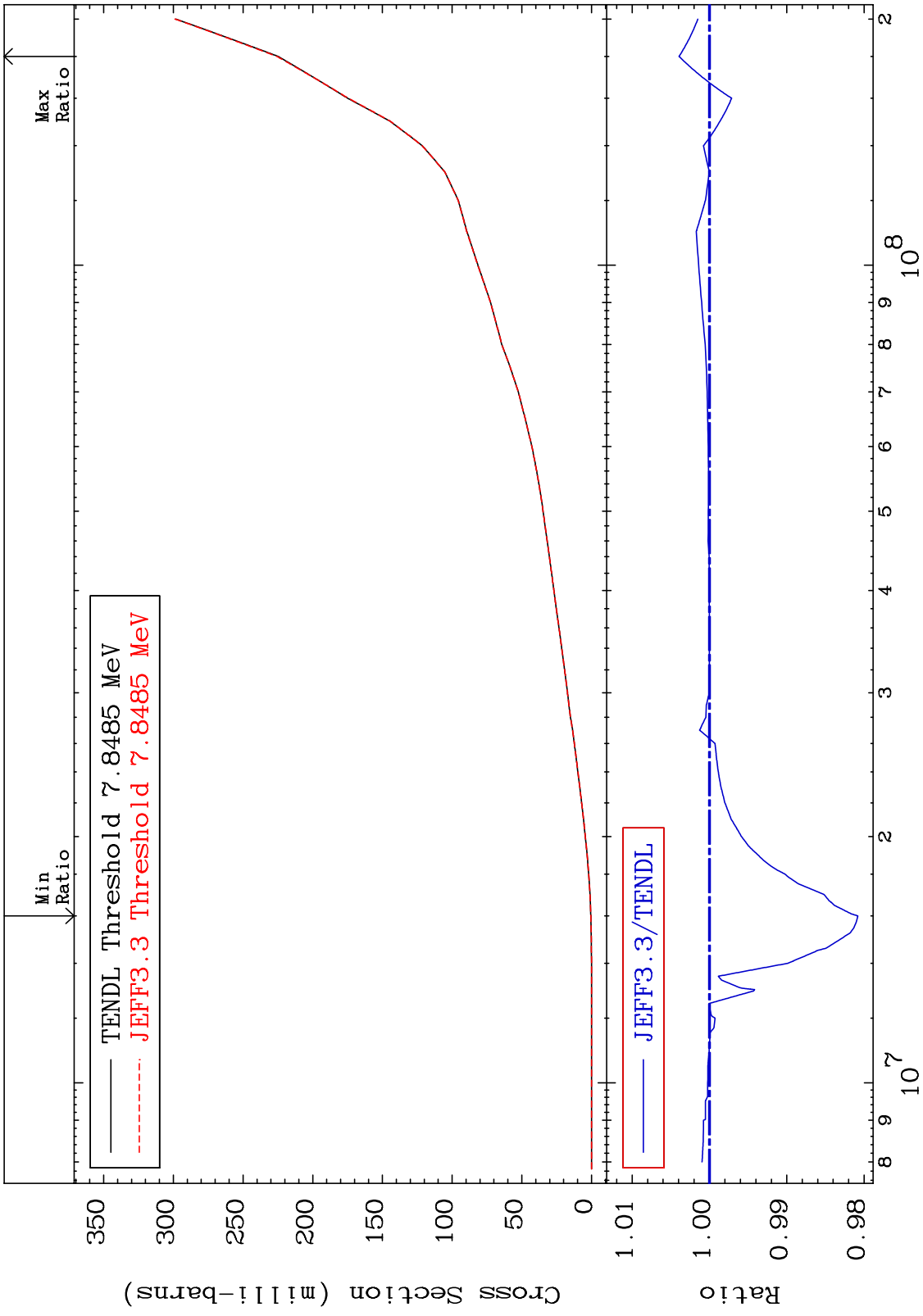


MAT 5255 (n,p) d 52-Te-130
 Cross Section 0.000 To 0.060 %





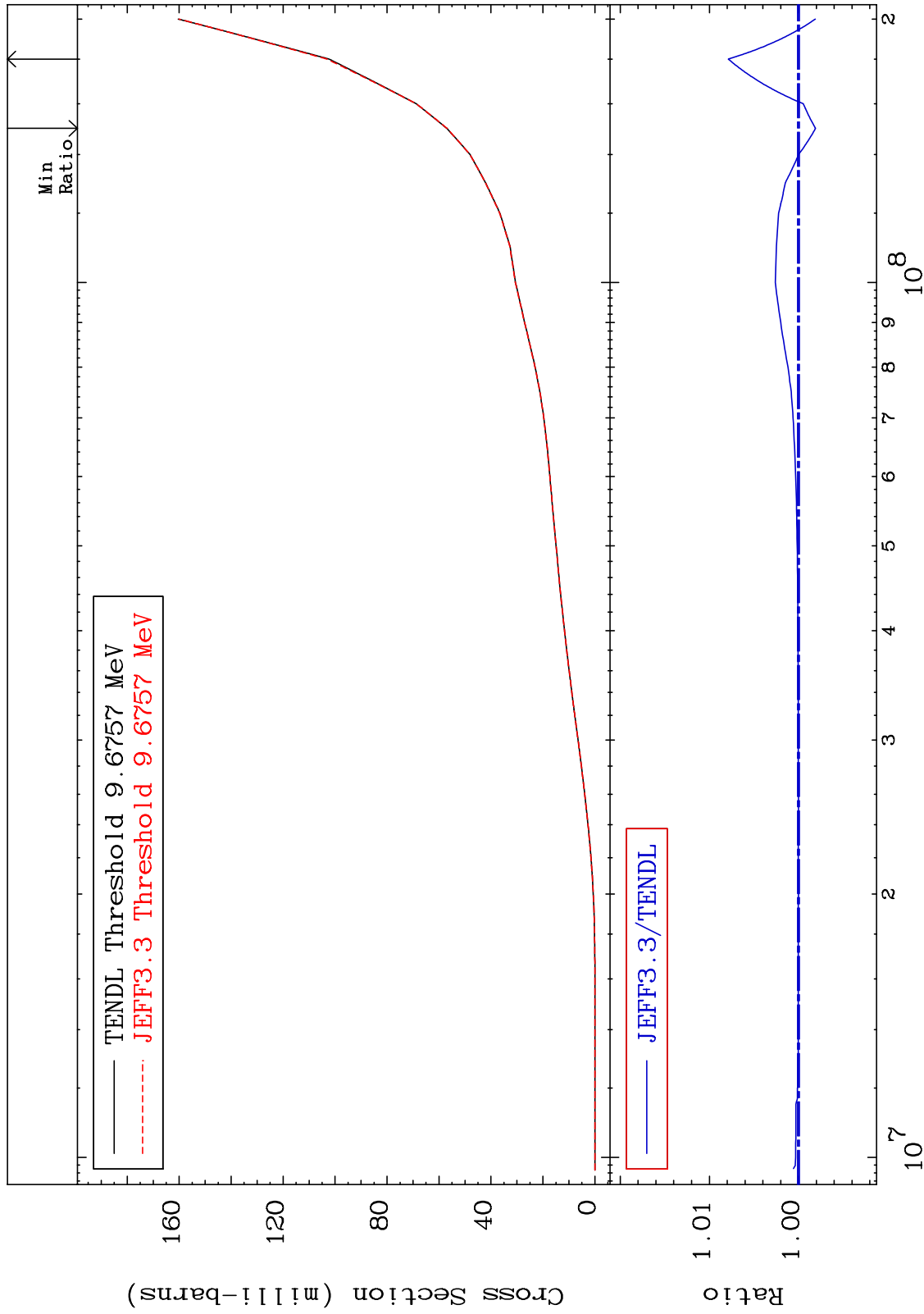
MAT 5255 Deuterium Production Cross Section 52-Te-130
 -1.919 To 0.394 %



MAT 5255

Tritium Production
Cross Section

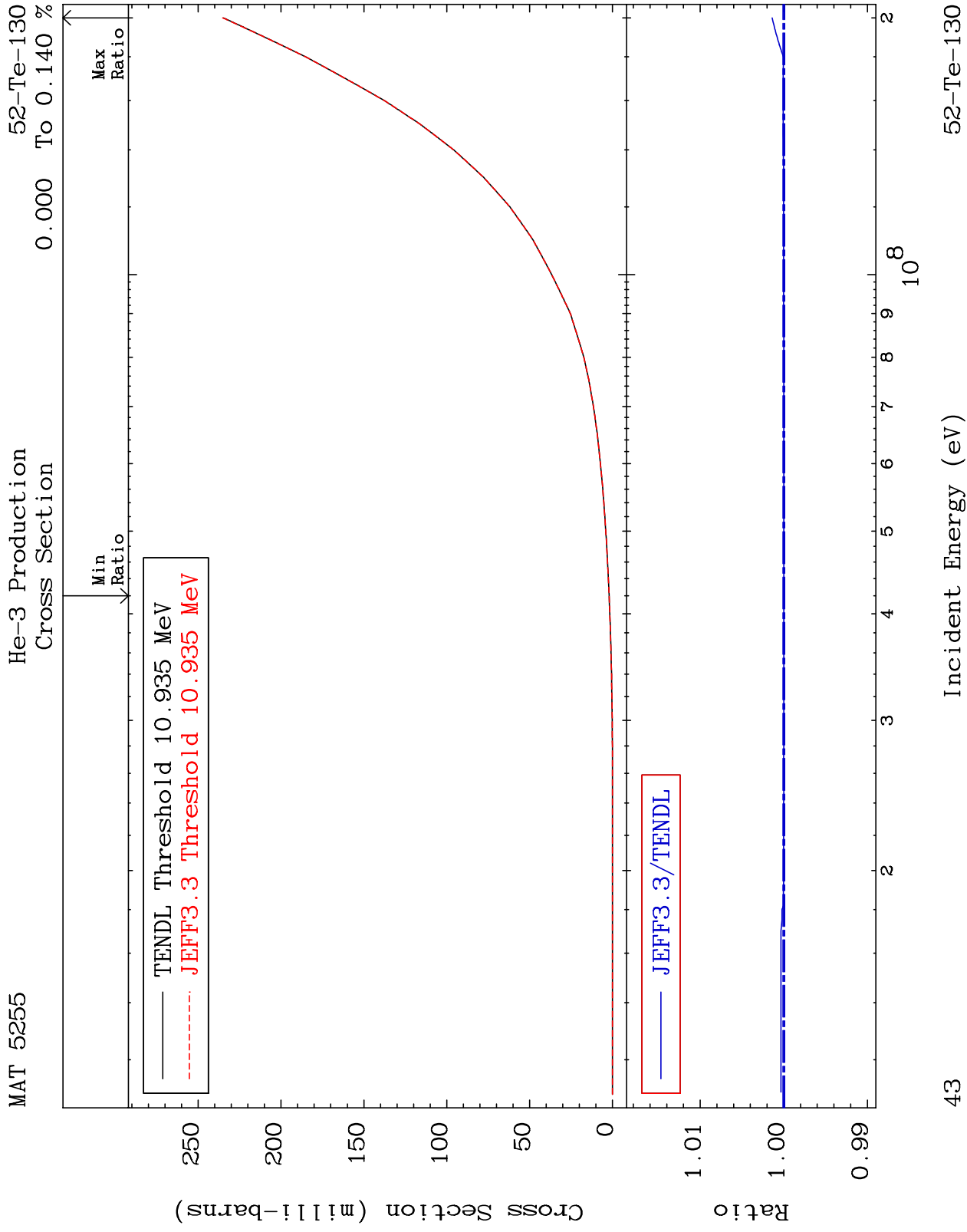
52-Te-130
-0.191 To 0.789 %



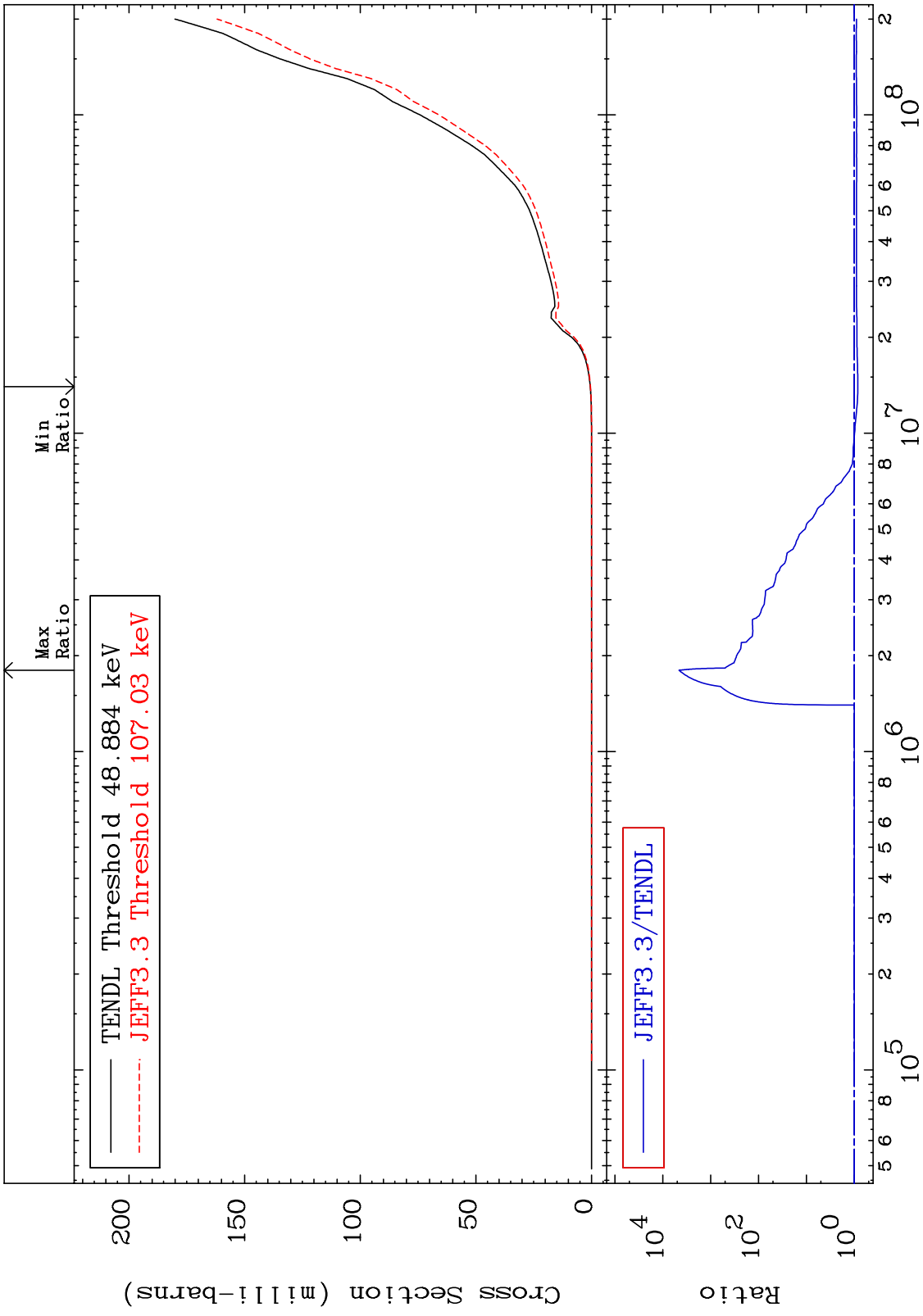
42

Incident Energy (eV)

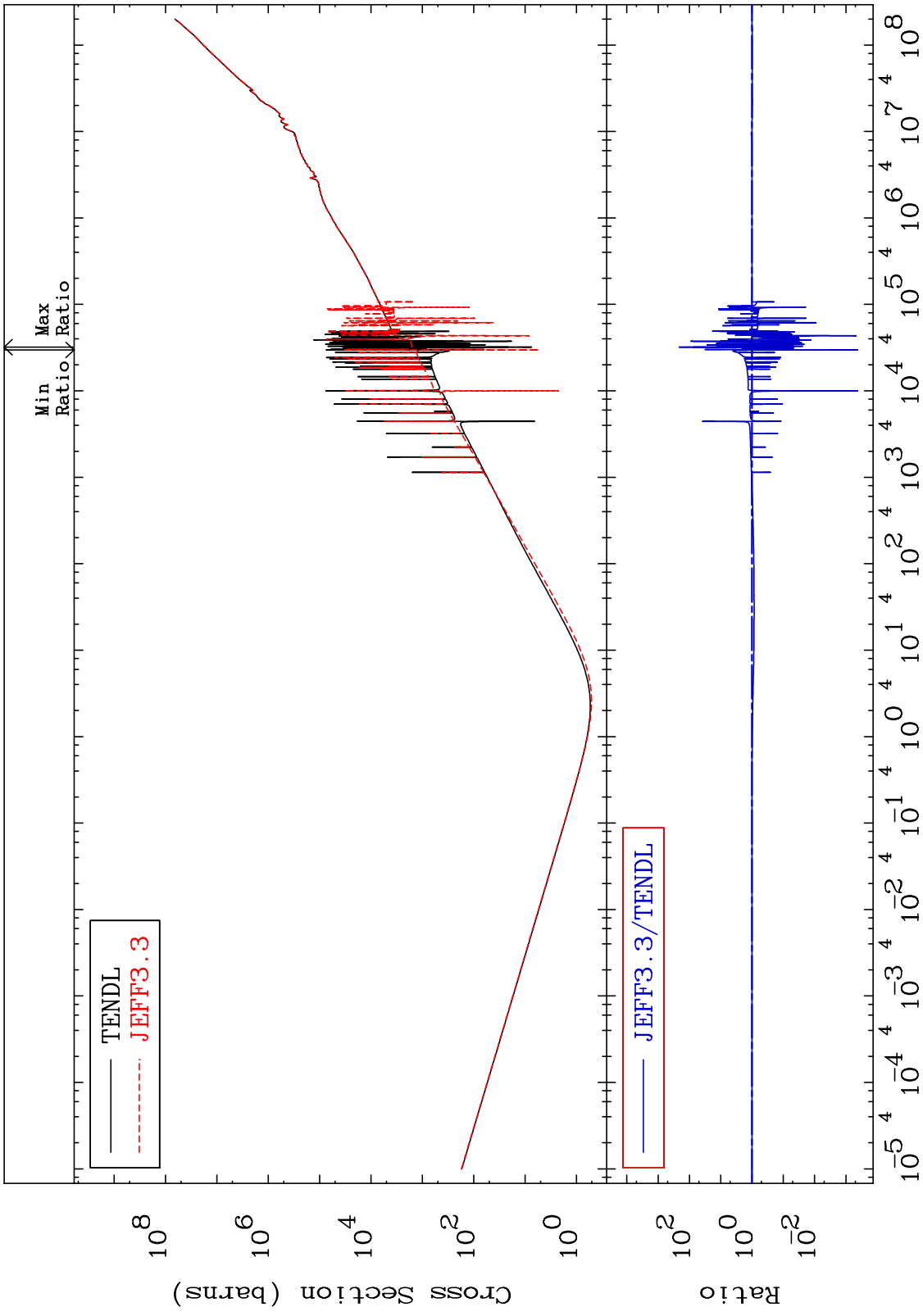
52-Te-130



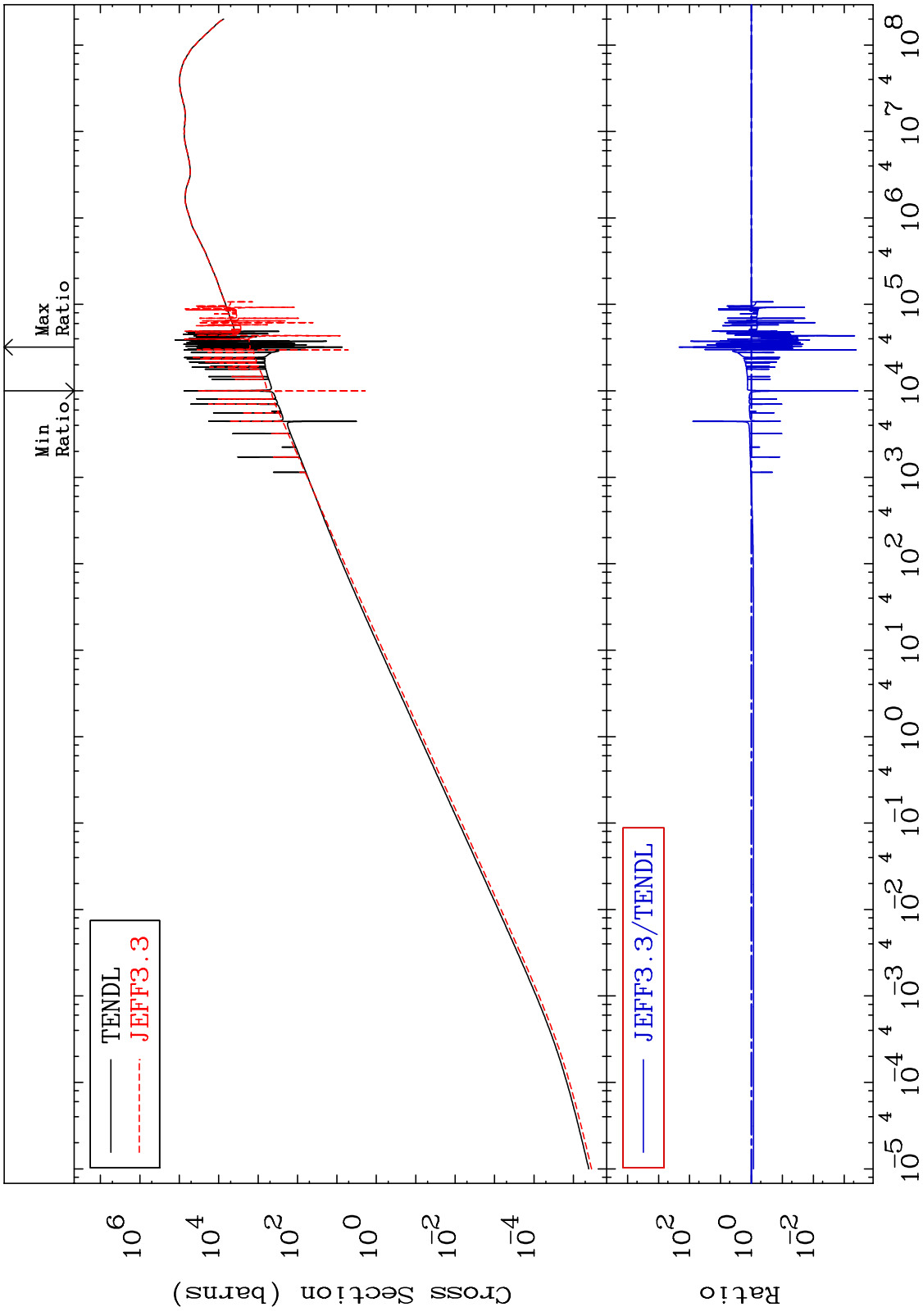
MAT 5255 52-Te-130
 He-4 Production -15.93 To 9999. %
 Cross Section



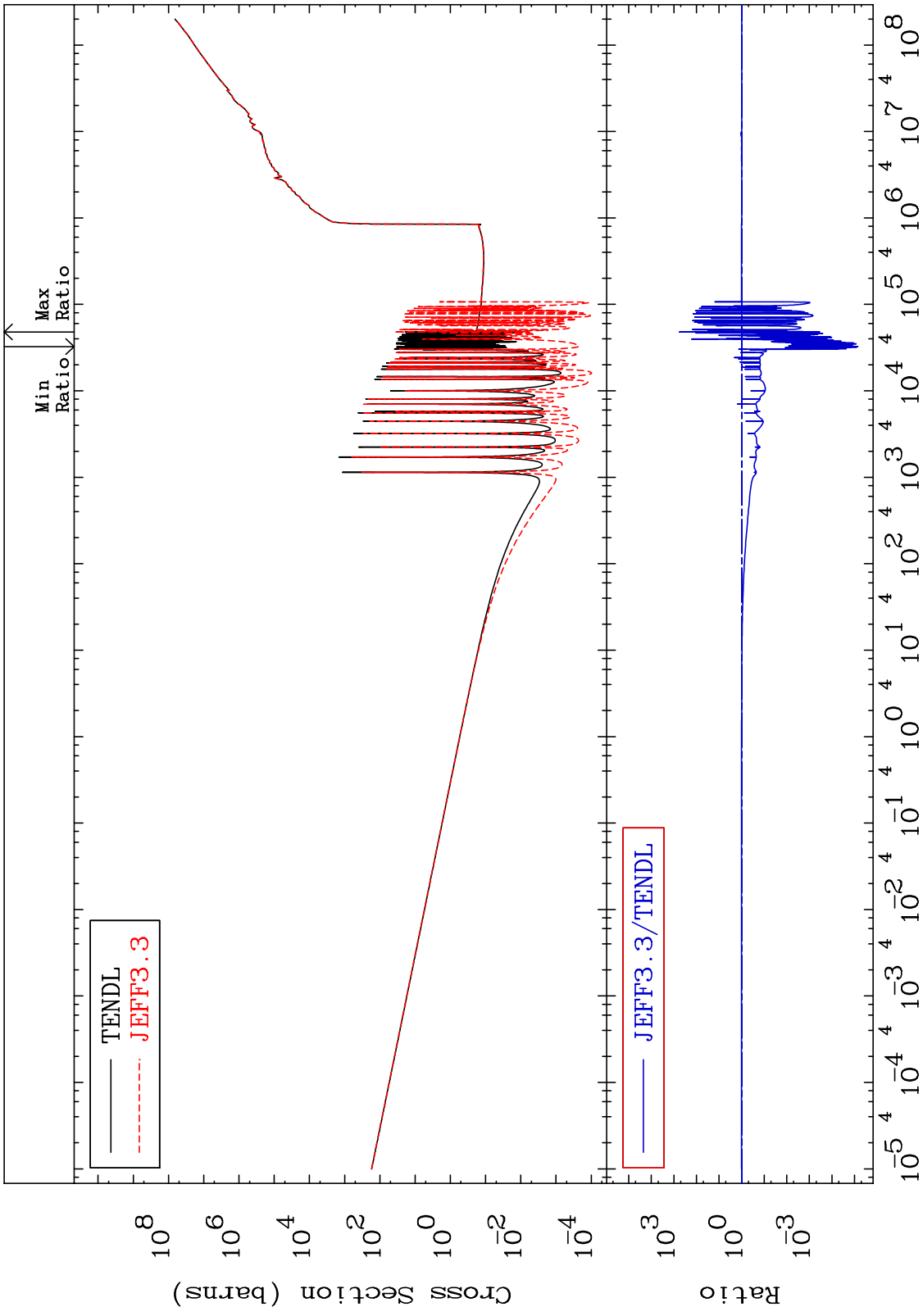
MAT 5255 Kerma total (eV-barns) 52-Te-130
 Cross Section -99.96 To 9999. %



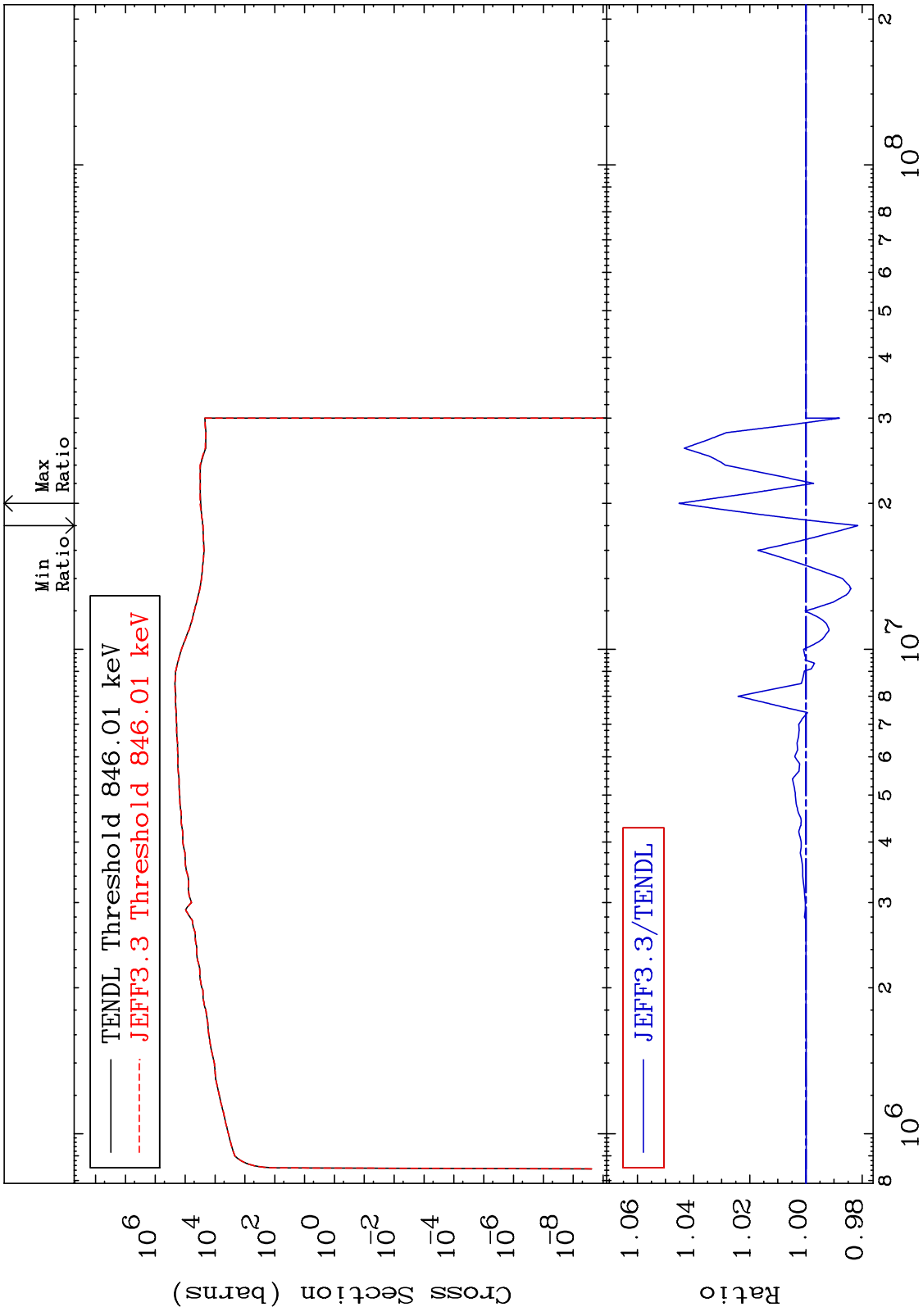
MAT 5255 52-Te-130
 Kerma elastic Cross Section -99.96 To 9999. %



MAT 5255 Kerma non-elastic (all but mt2) 52-Te-130
 Cross Section -100.0 To 9999. %

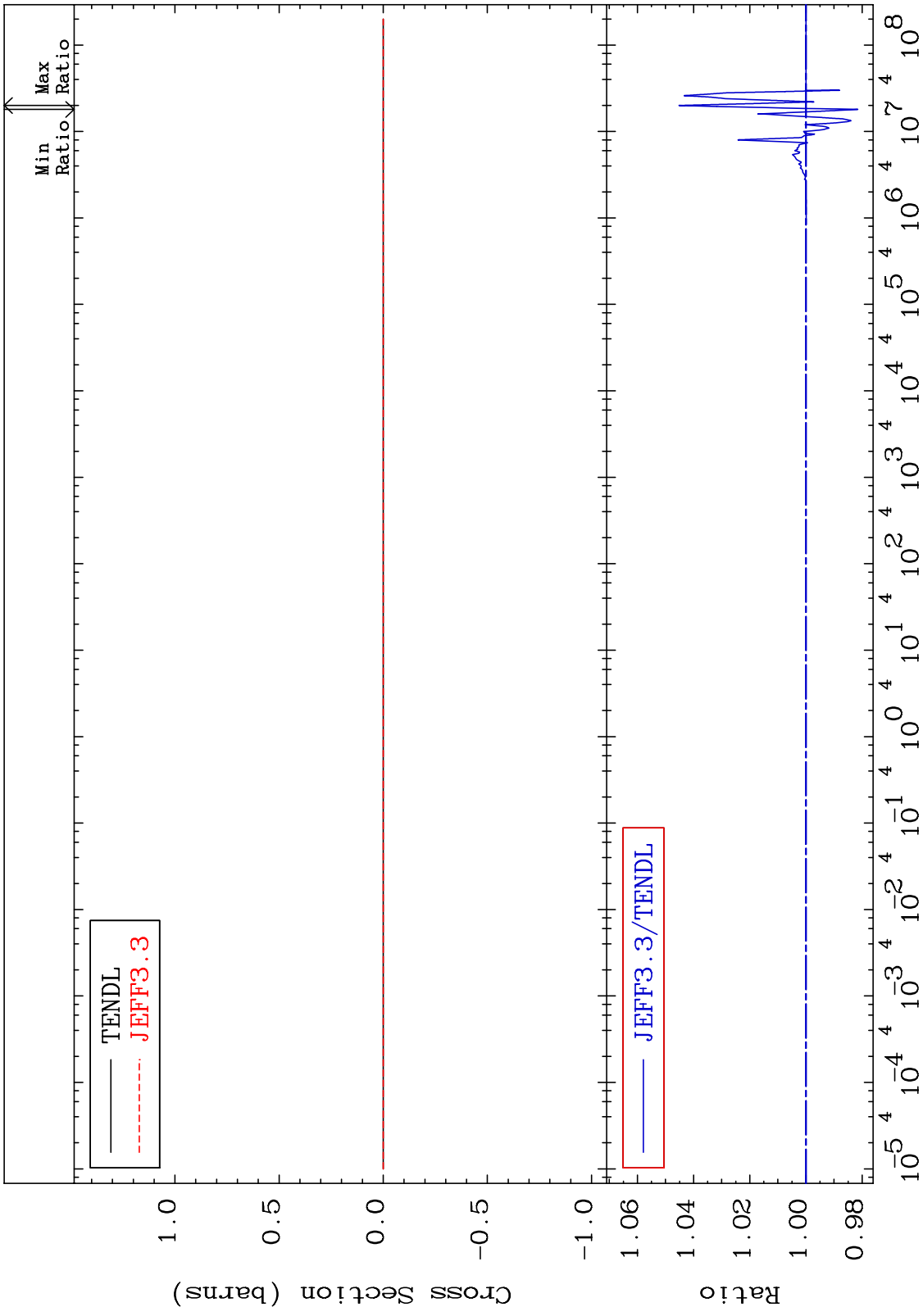


MAT 5255 Kerma inelastic (mt51-91) 52-Te-130
Cross Section -1.847 To 4.518 %



48 52-Te-130

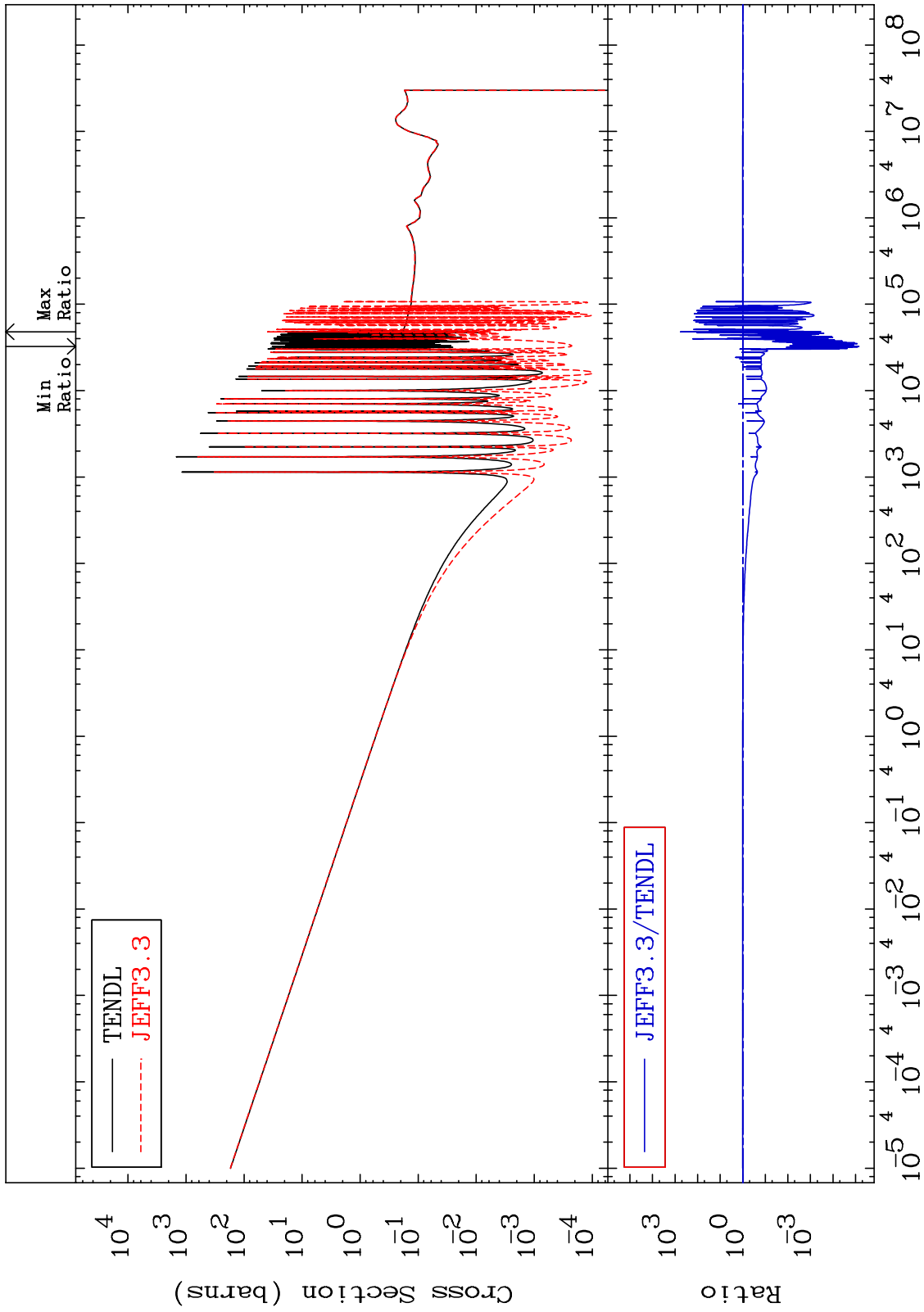
MAT 5255 Kerma fission (mt18 or mt19-20-21-38) 52-Te-130
 Cross Section -1.847 To 4.518 %



MAT 5255

Kerma capture (mt102)
Cross Section

52-Te-130
-100.0 To 9999. %

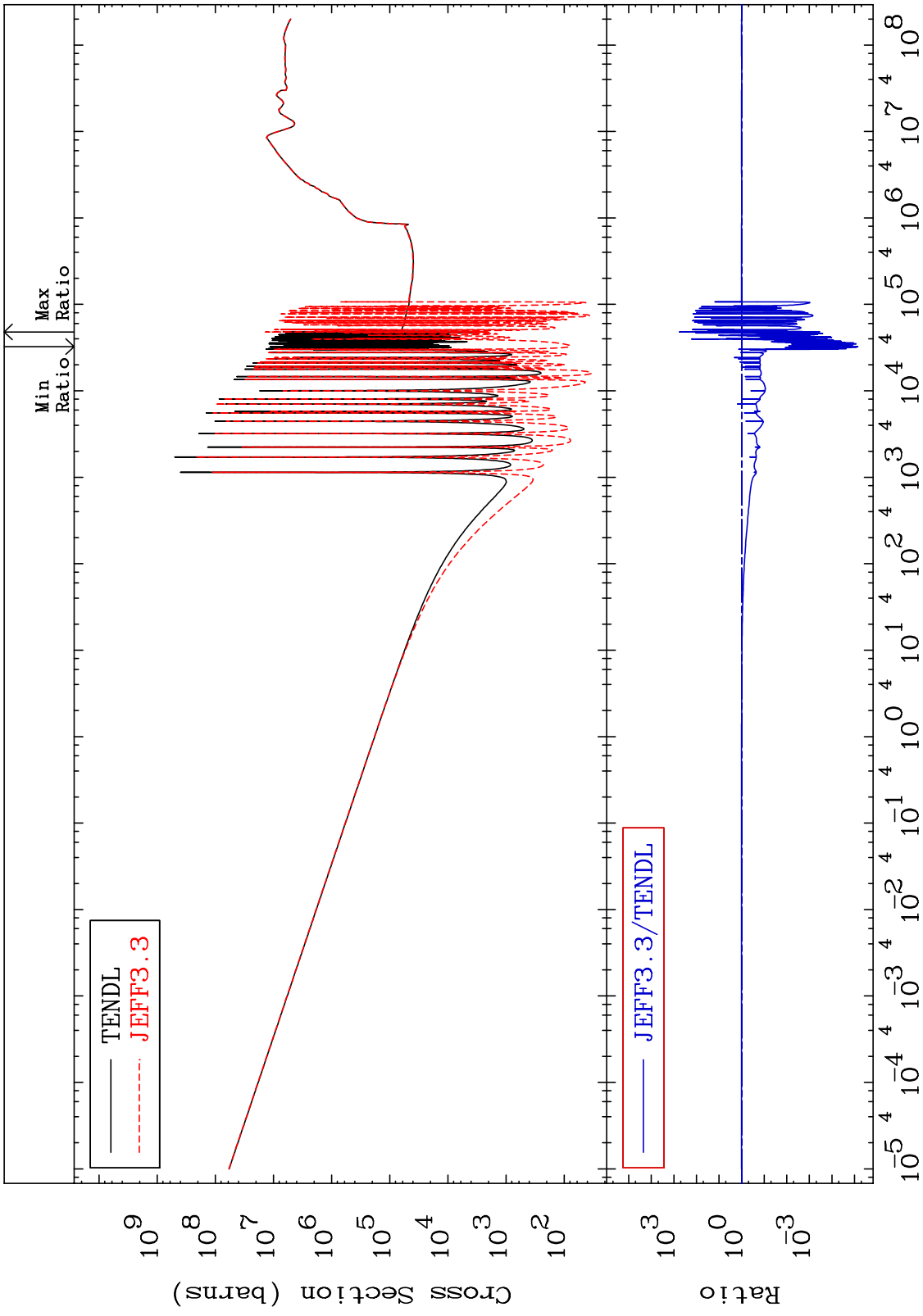


50

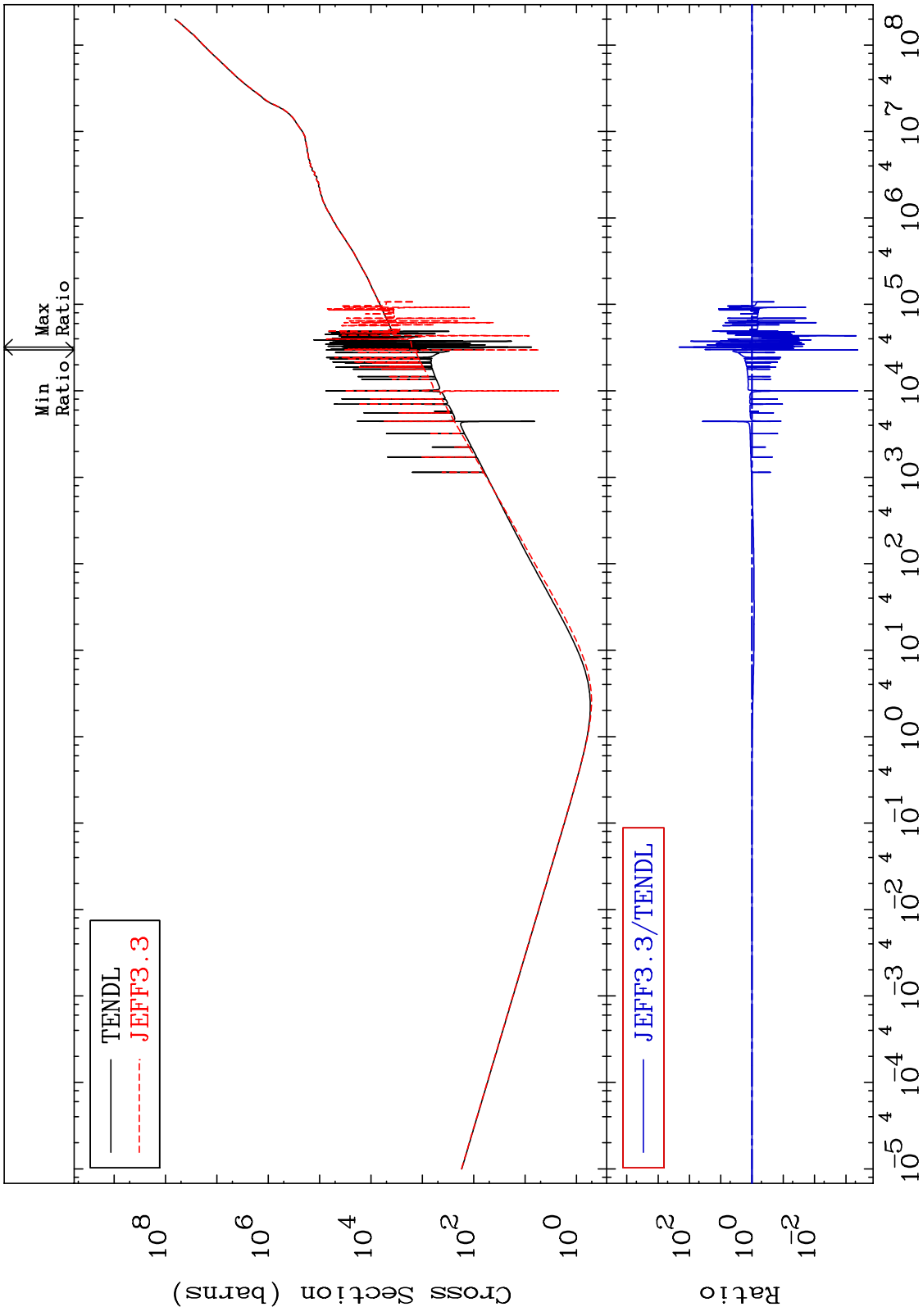
Incident Energy (eV)

52-Te-130

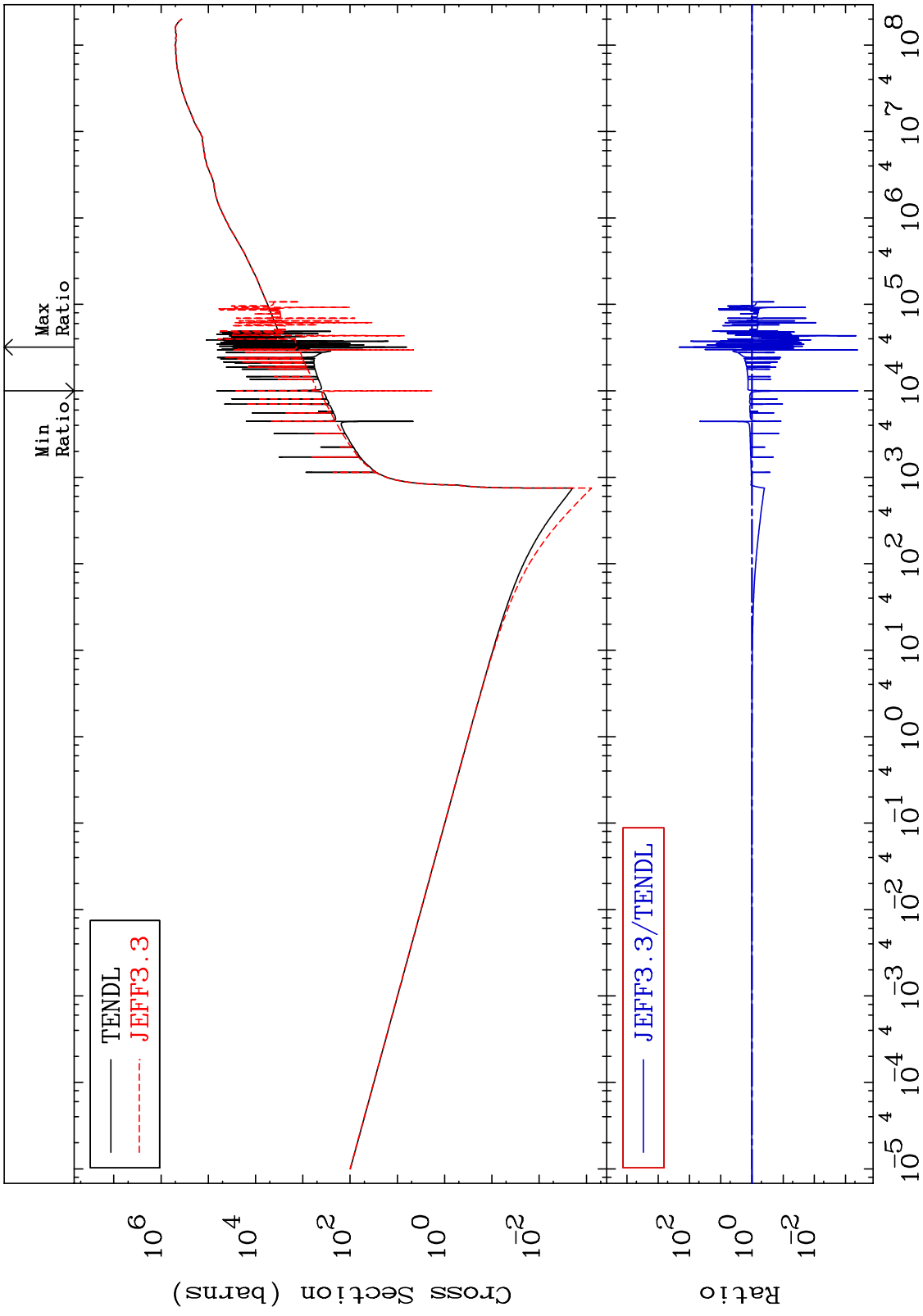
MAT 5255 Total photon (eV-barns) 52-Te-130
 Cross Section -100.0 To 9999. %



MAT 5255 Total kinematic kerma (high limit) 52-Te-130
 Cross Section -99.96 To 9999. %



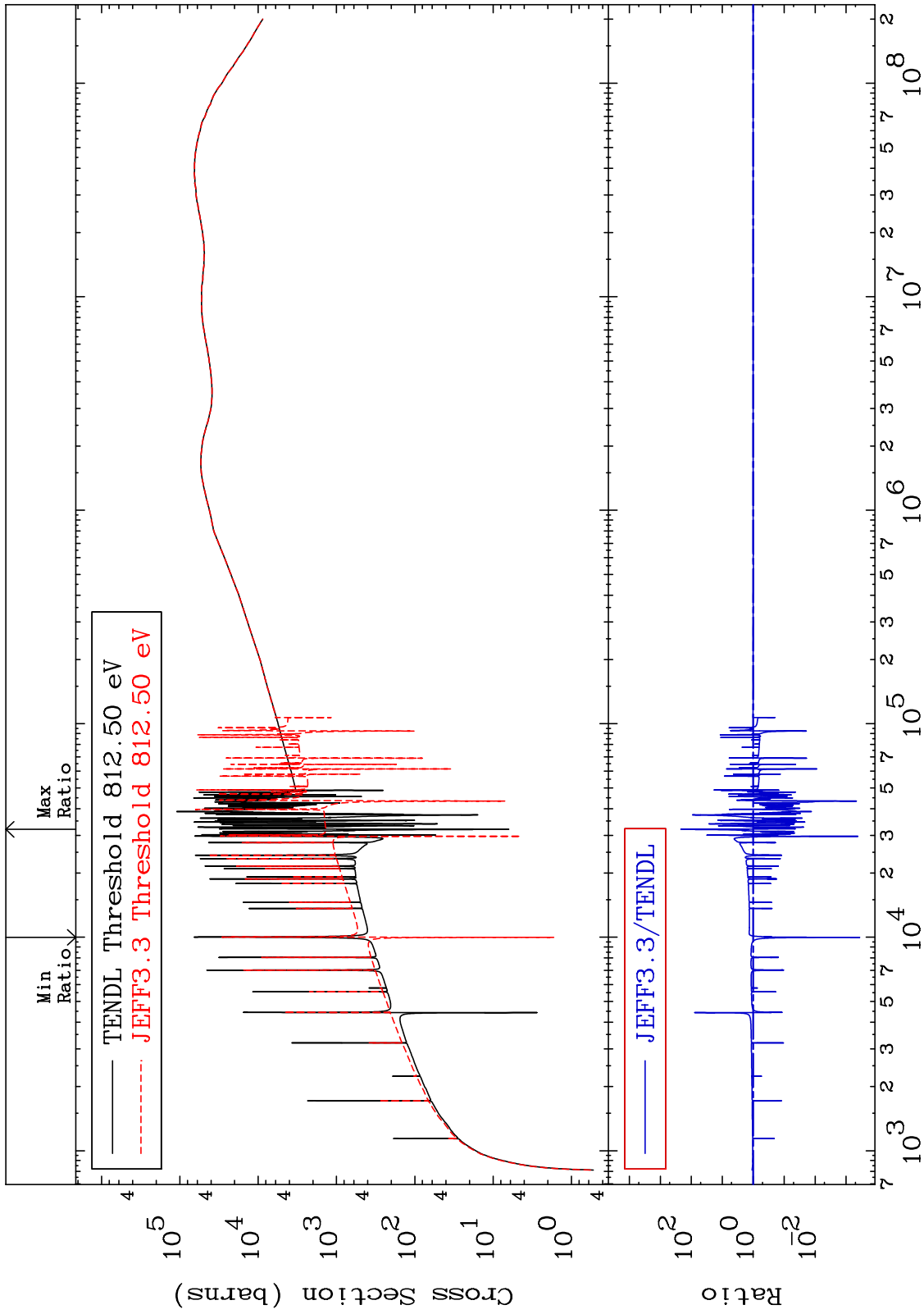
MAT 5255 Dpa total (eV-barns) 52-Te-130
 Cross Section -99.96 To 9999. %



MAT 5255

Dpa elastic (mt2)
Cross Section

52-Te-130
-99.96 To 9999. %

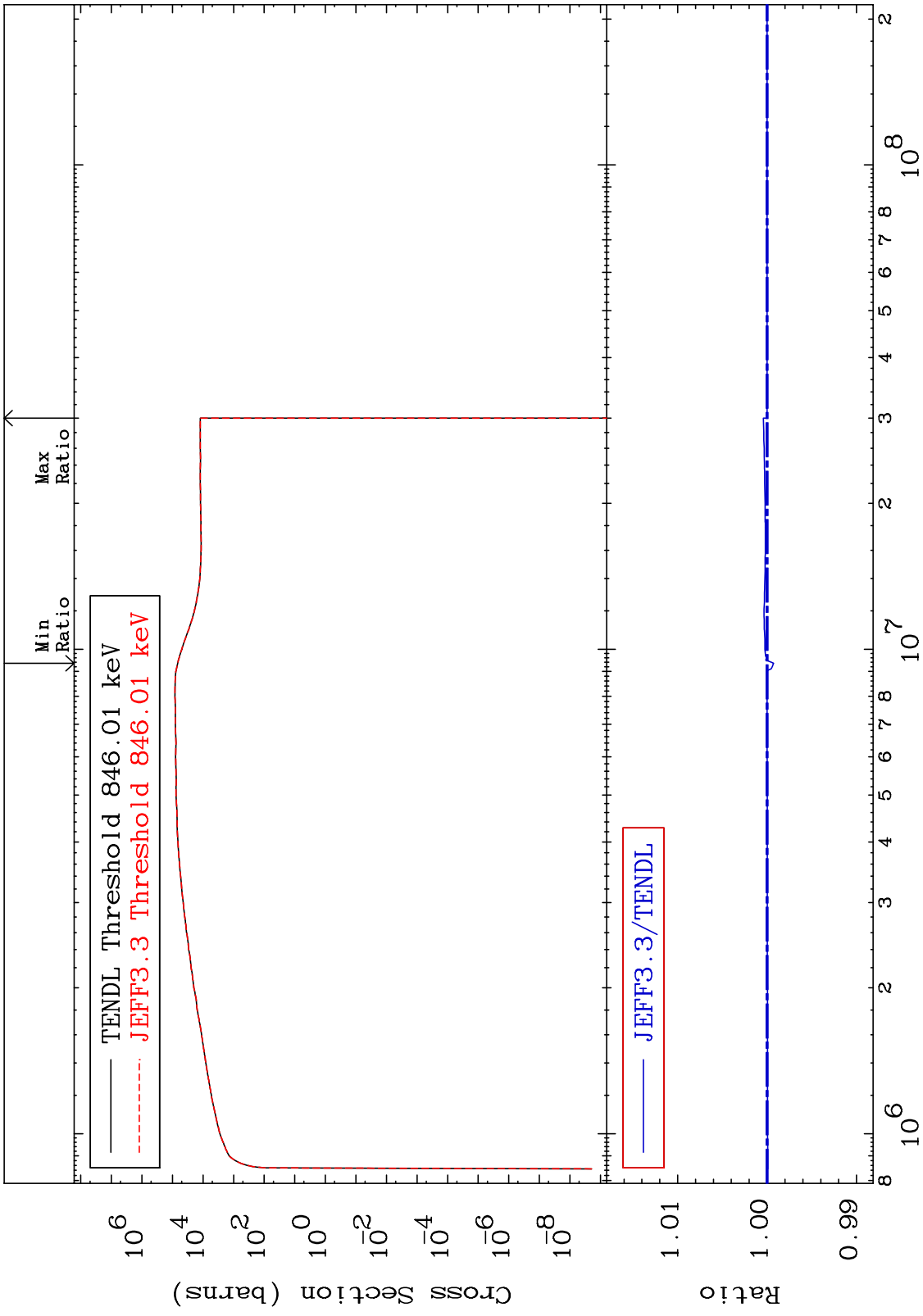


54

Incident Energy (eV)

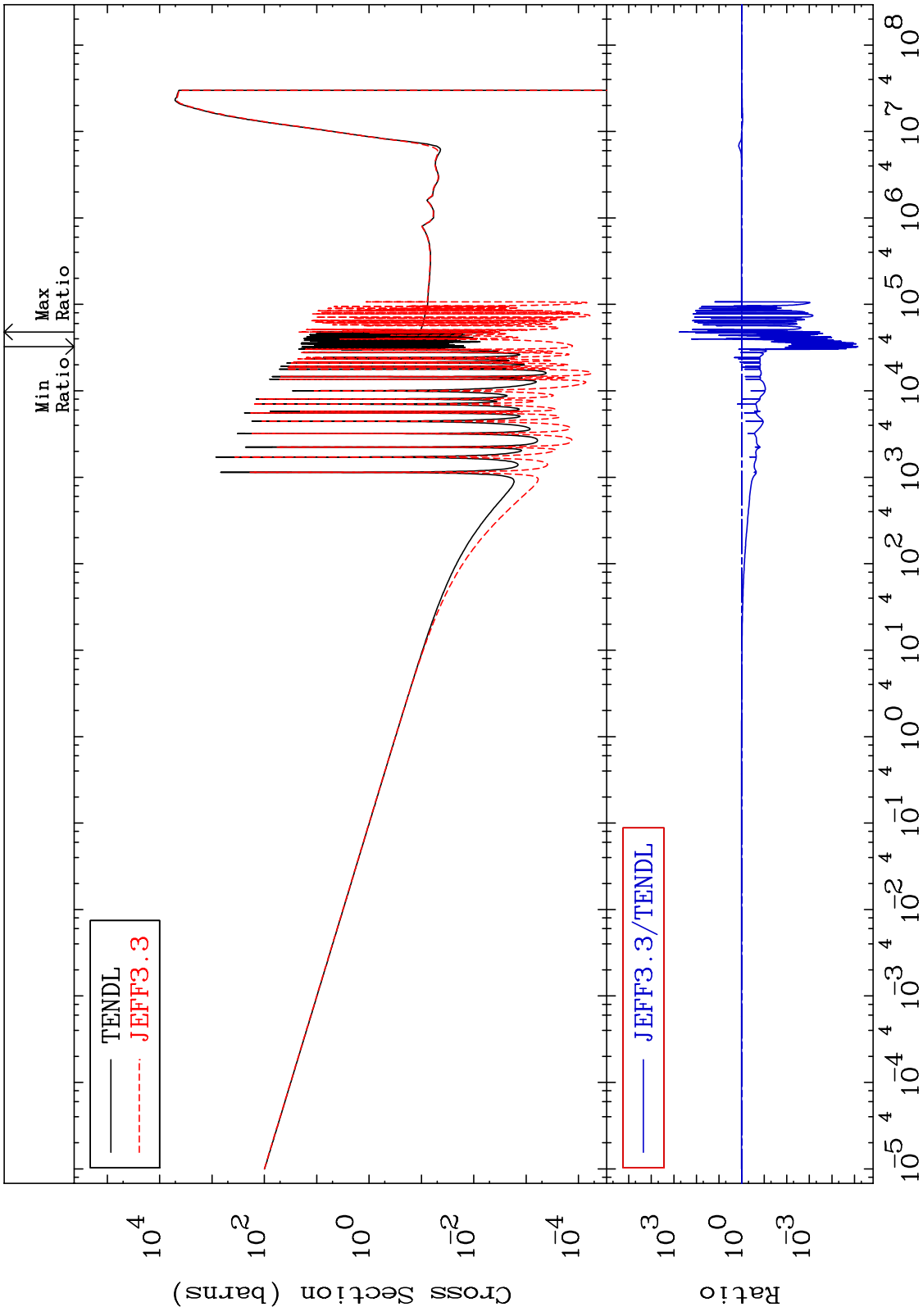
52-Te-130

MAT 5255 Dpa inelastic (mt51-91) 52-Te-130
Cross Section -0.073 To 0.042 %

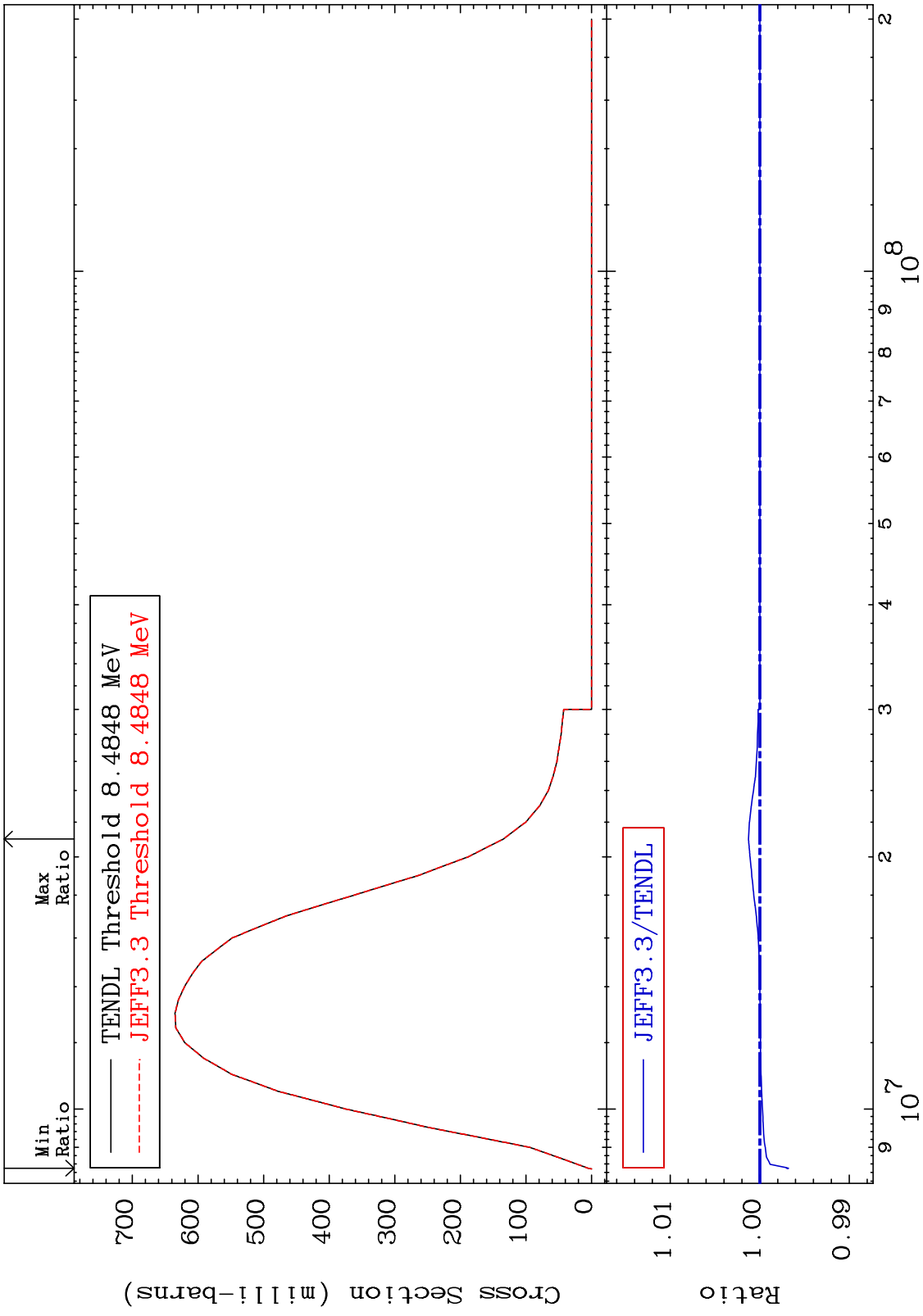


55 52-Te-130

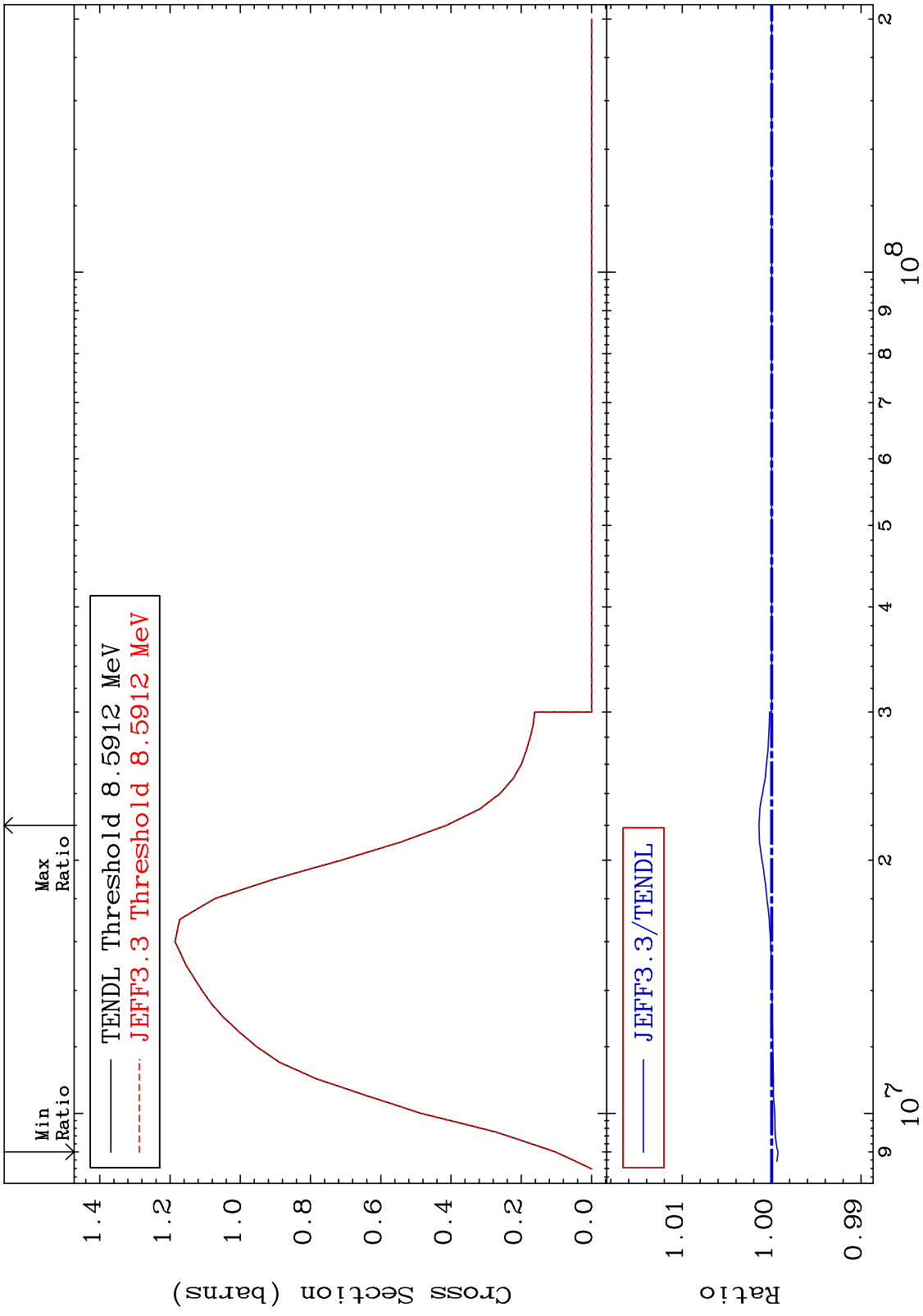
MAT 5255 Dpa disappearance (mt102 -120) 52-Te-130
 Cross Section -100.0 To 9999. %



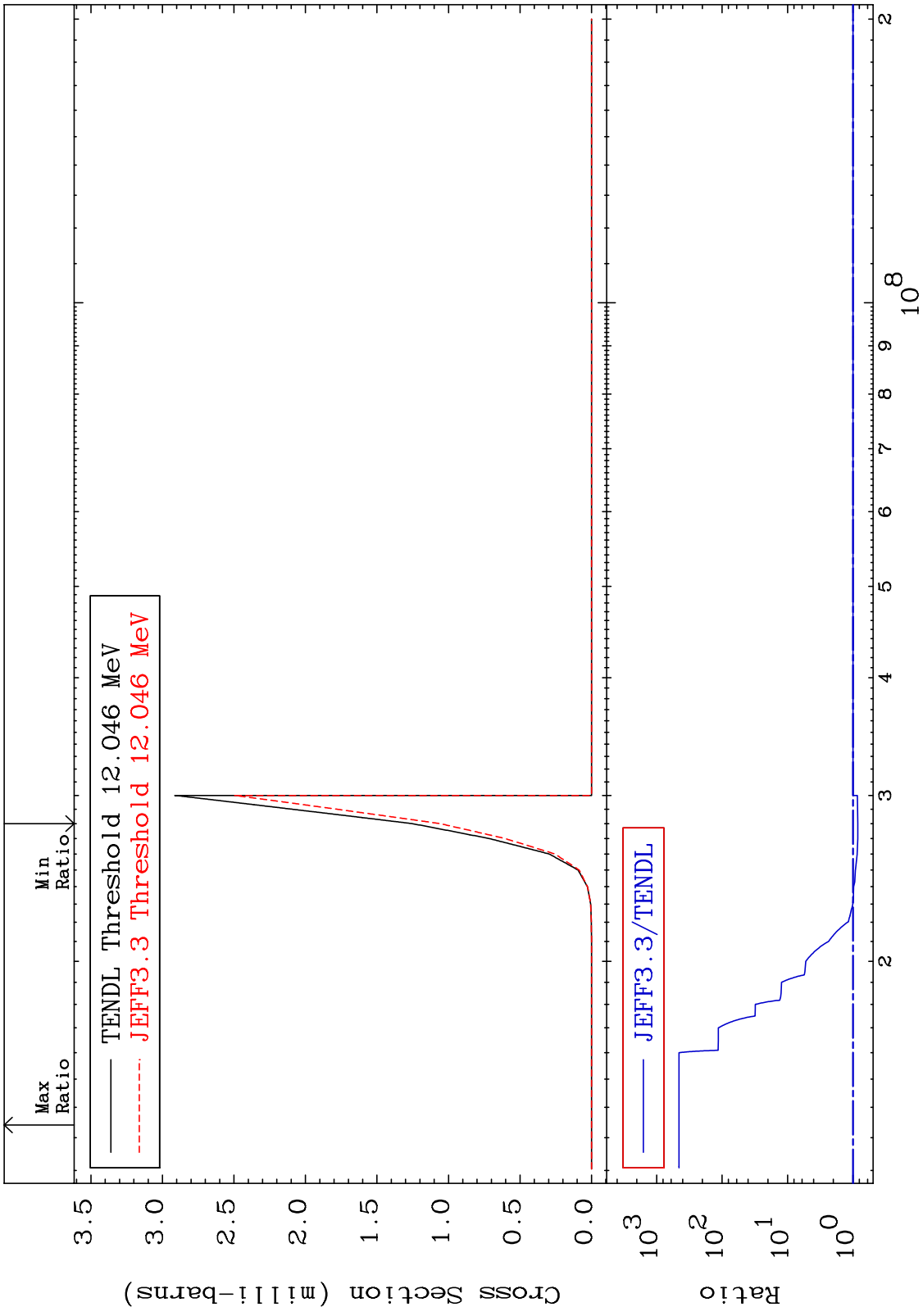
MAT 5255 (n,2n):52-Te-129g 52-Te-130
 Radionuclide Production Cross Section -0.320 To 0.126 %



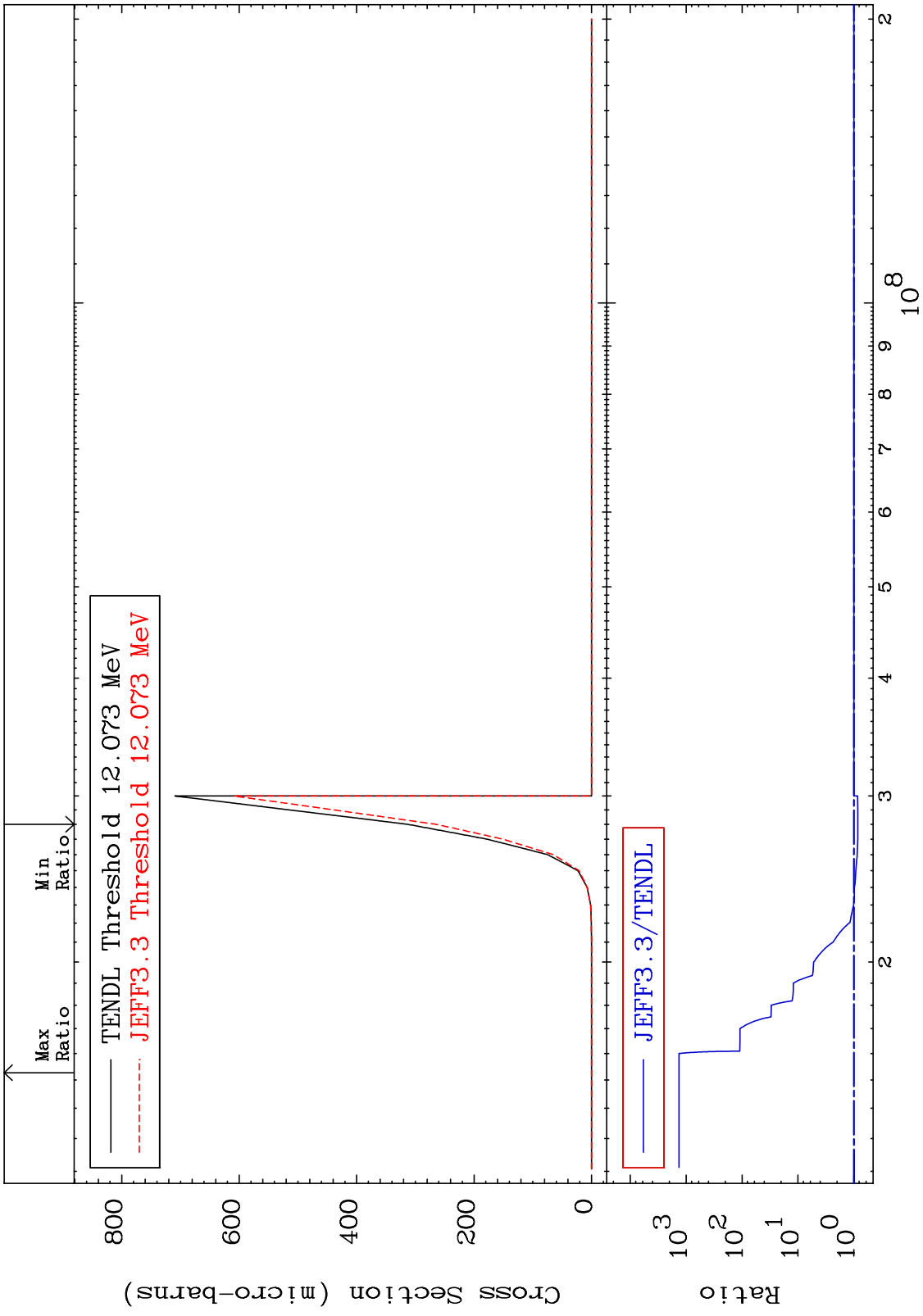
MAT 5255 (n,2n):52-Te-129m1 52-Te-130
 Radionuclide Production Cross Section -0.070 To 0.143 %



MAT 5255 (n,2n) α :50-Sn-125g 52-Te-130
 Radionuclide Production Cross Section -15.55 To 9999. %



MAT 5255 (n,2n) α :50-Sn-125m1 52-Te-130
 Radionuclide Production Cross Section -15.39 To 9999. %

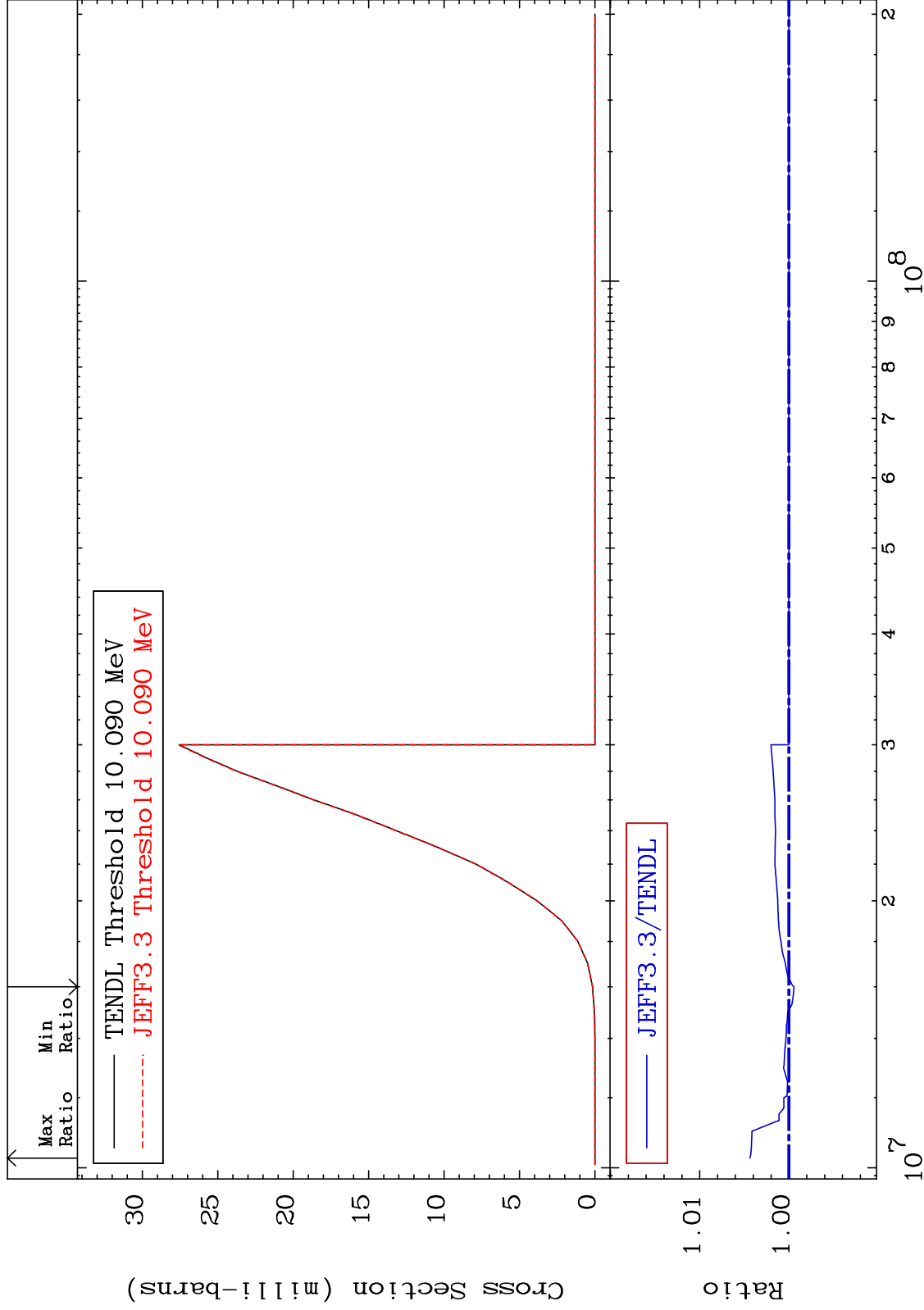


MAT 5255

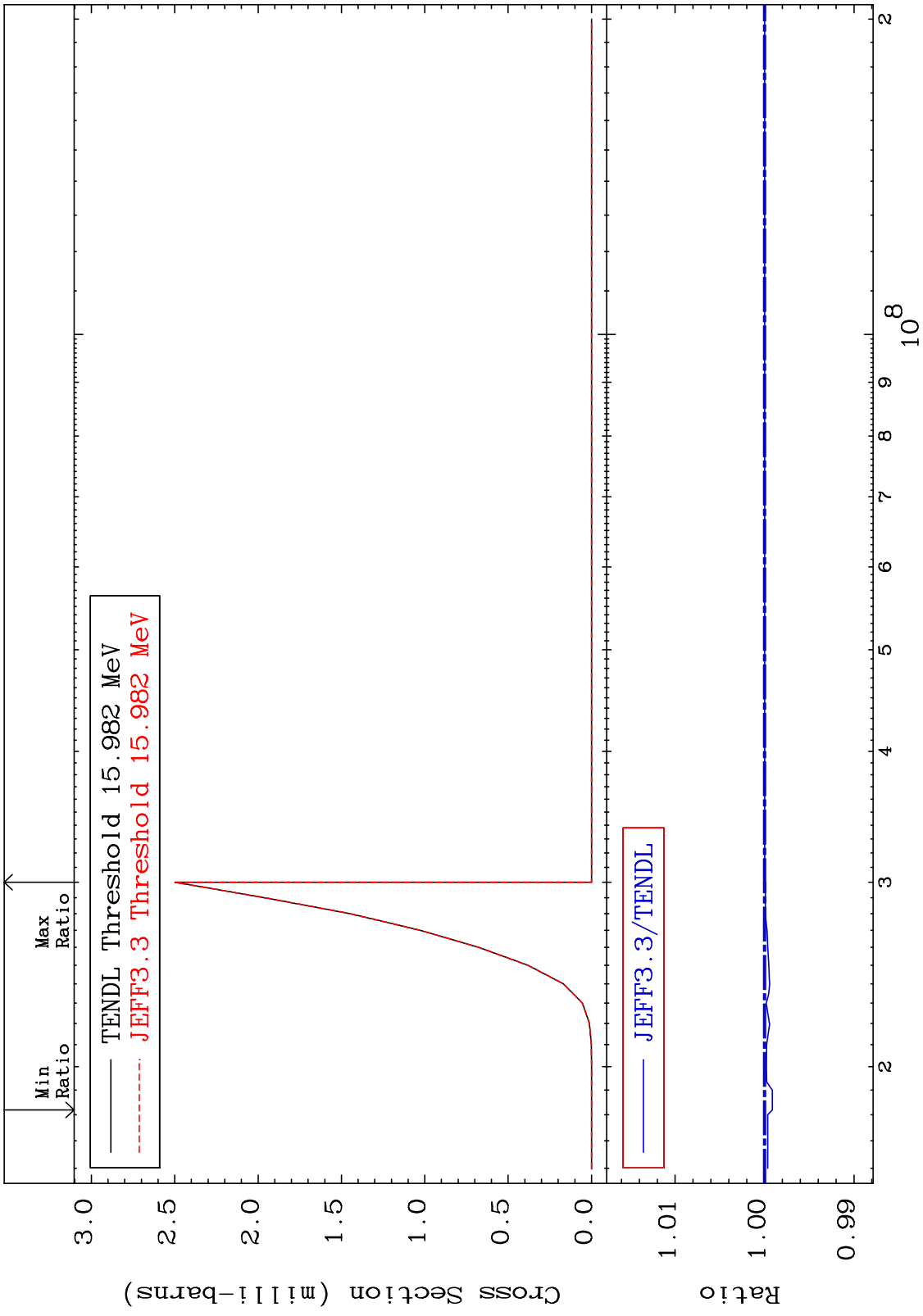
(n,n') p:51-Sb-129g

52-Te-130

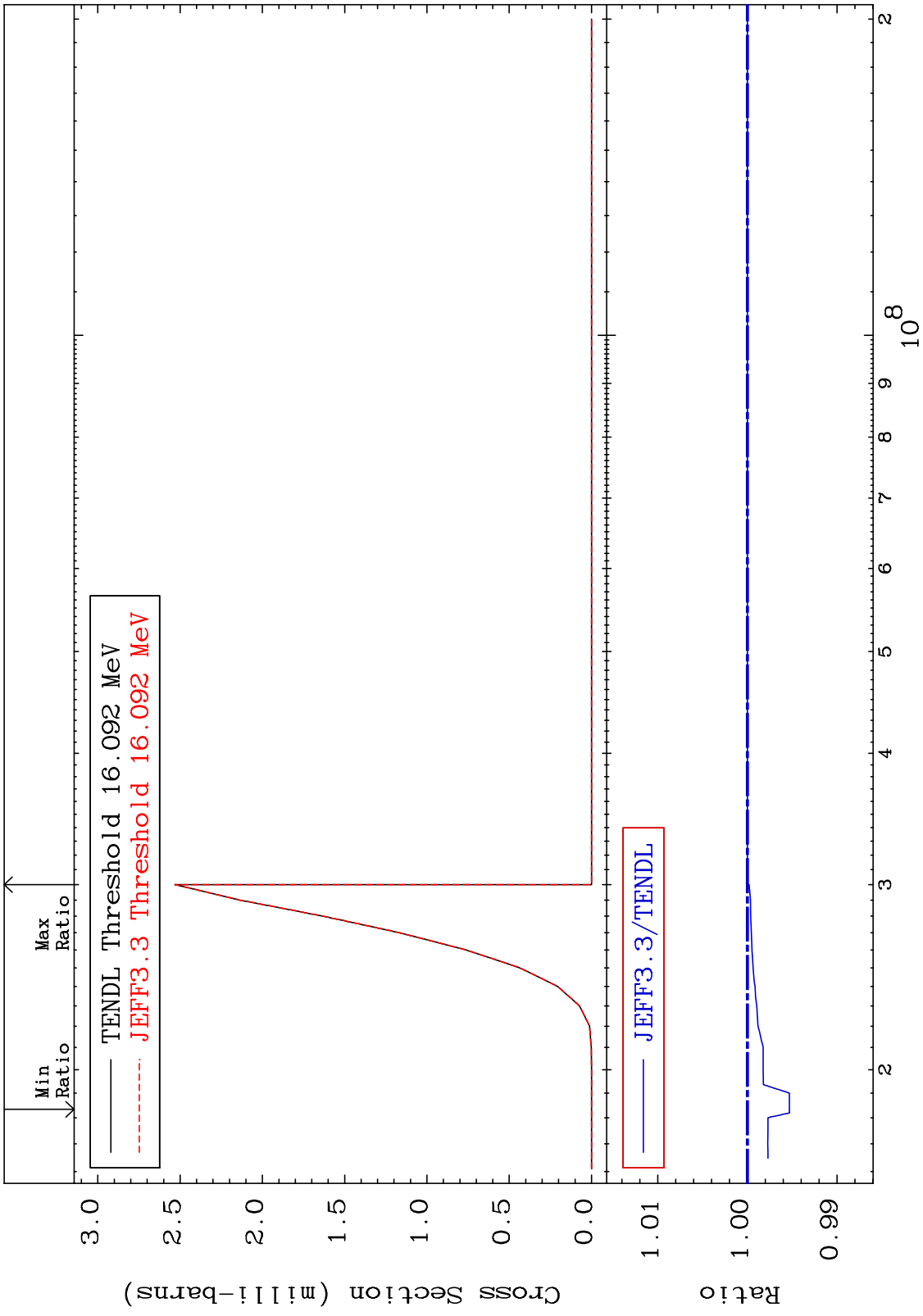
Radionuclide Production Cross Section -0.056 To 0.439 %



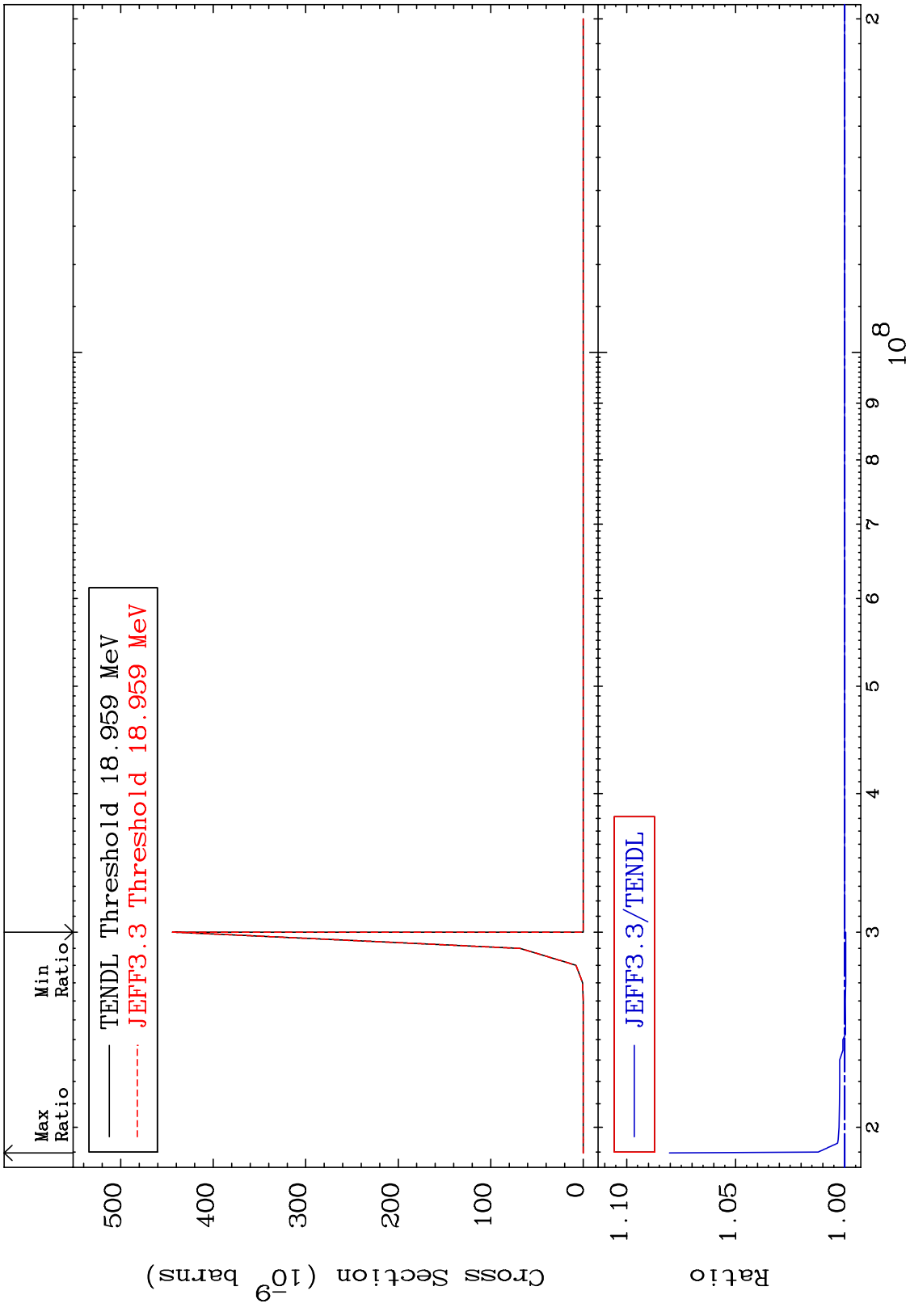
MAT 5255 (n, n') d:51-Sb-128g 52-Te-130
 Radionuclide Production Cross Section -0.087 To 0.000 %



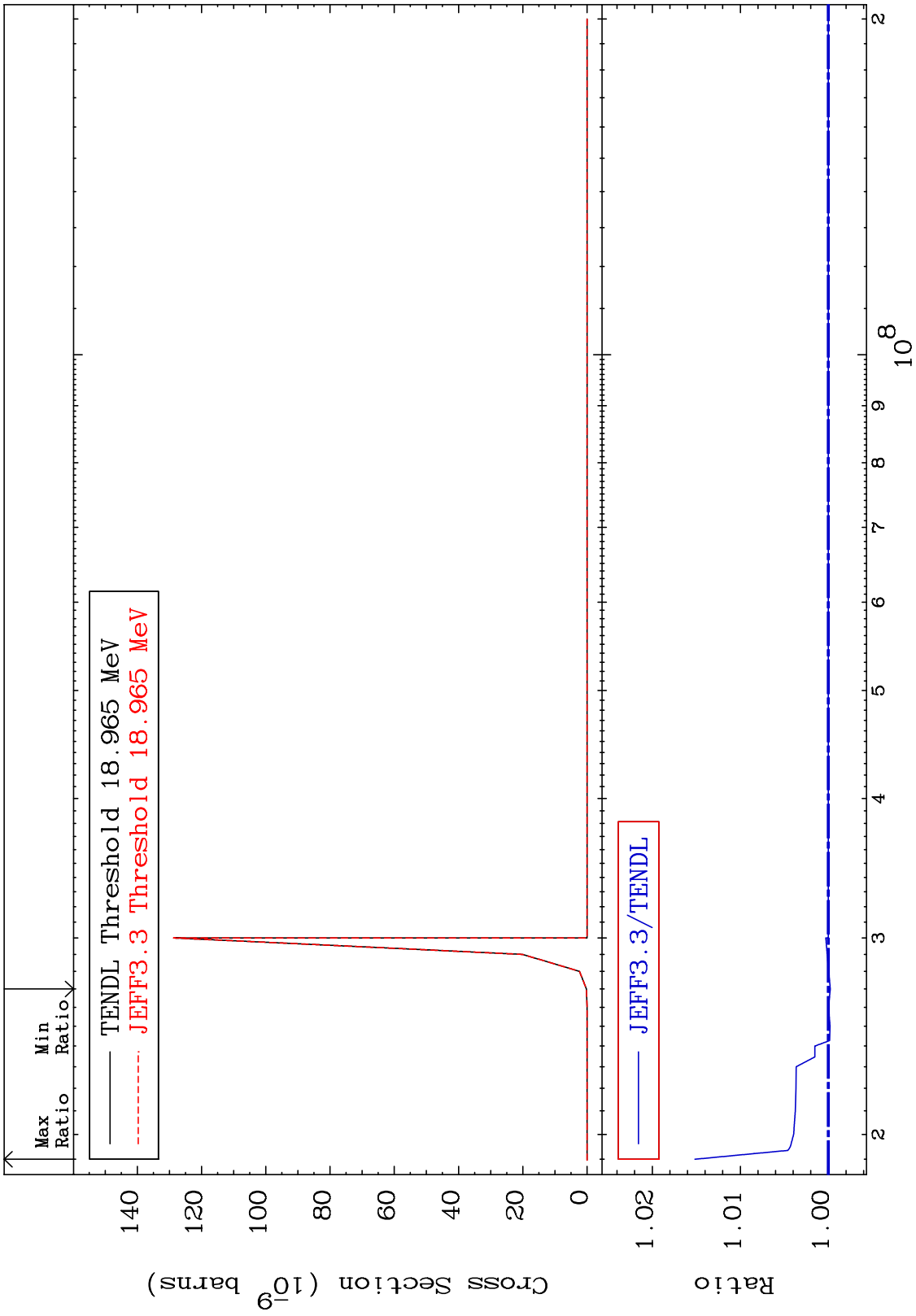
MAT 5255 (n,n') d:51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section -0.469 To 0.000 %



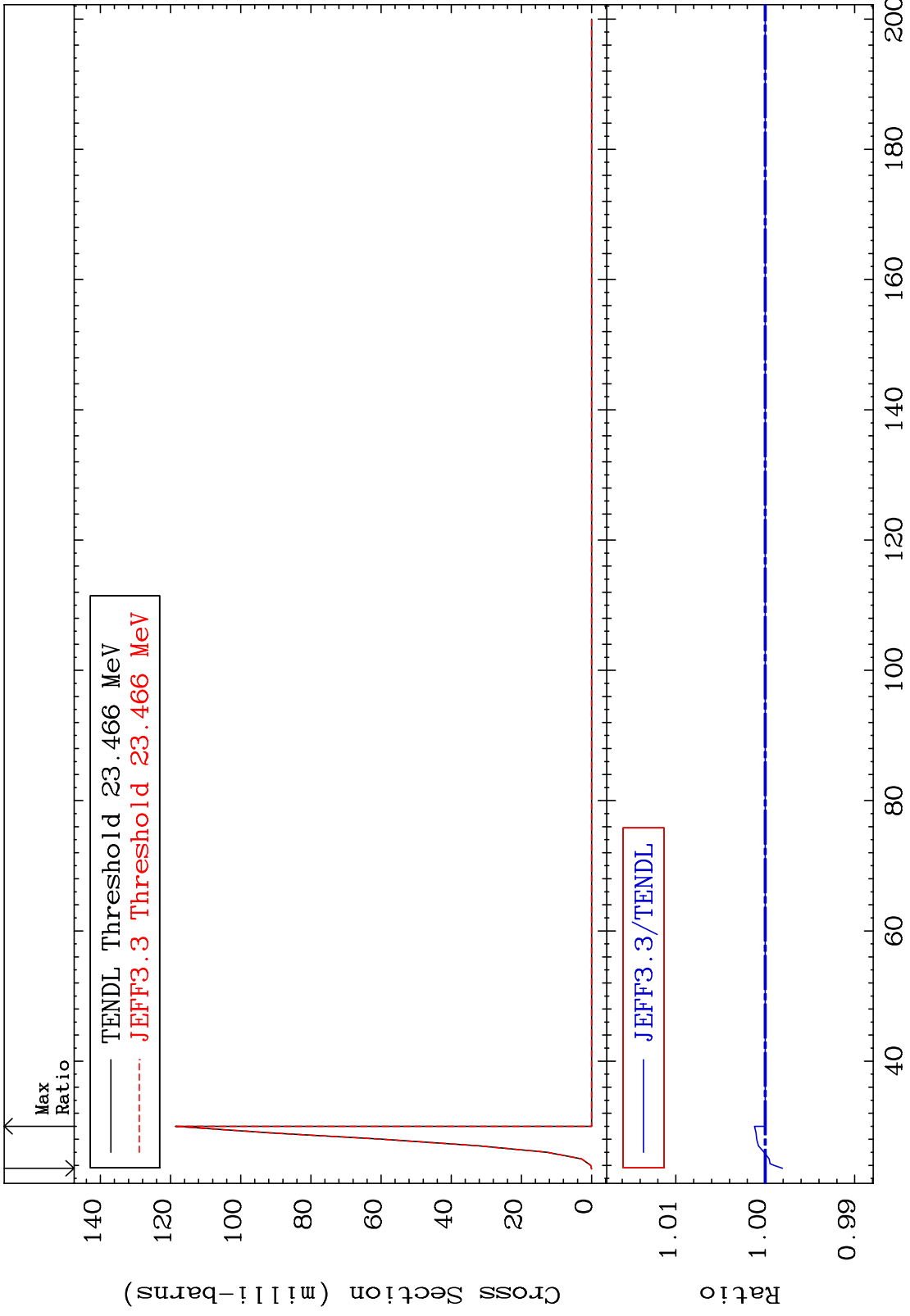
MAT 5255 (n,n') He-3:50-Sn-127g 52-Te-130
 Radionuclide Production Cross Section -0.050 To 8.036 %



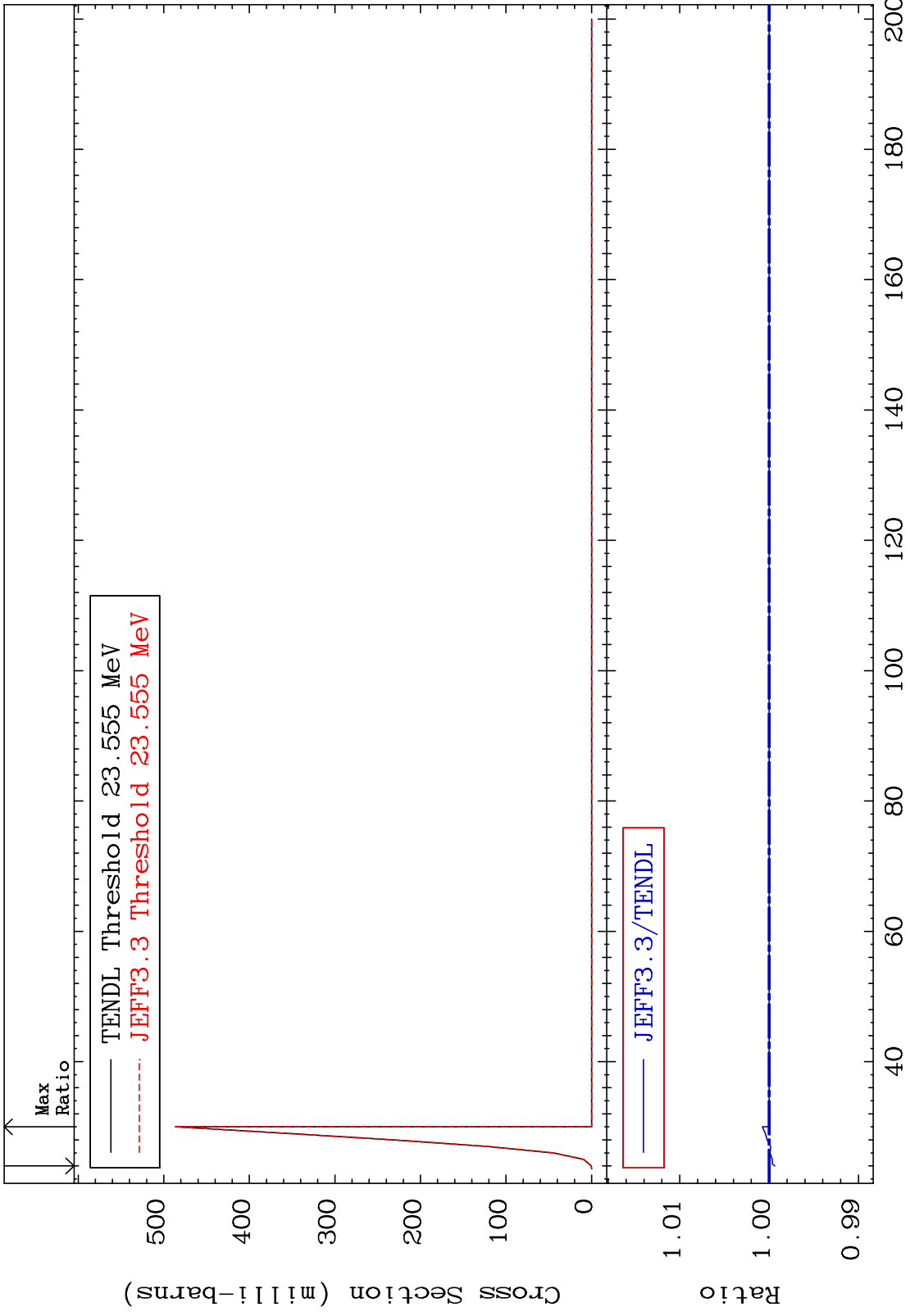
MAT 5255 (n,n') He-3:50-Sn-127m1 52-Te-130
 Radionuclide Production Cross Section -0.021 To 1.515 %

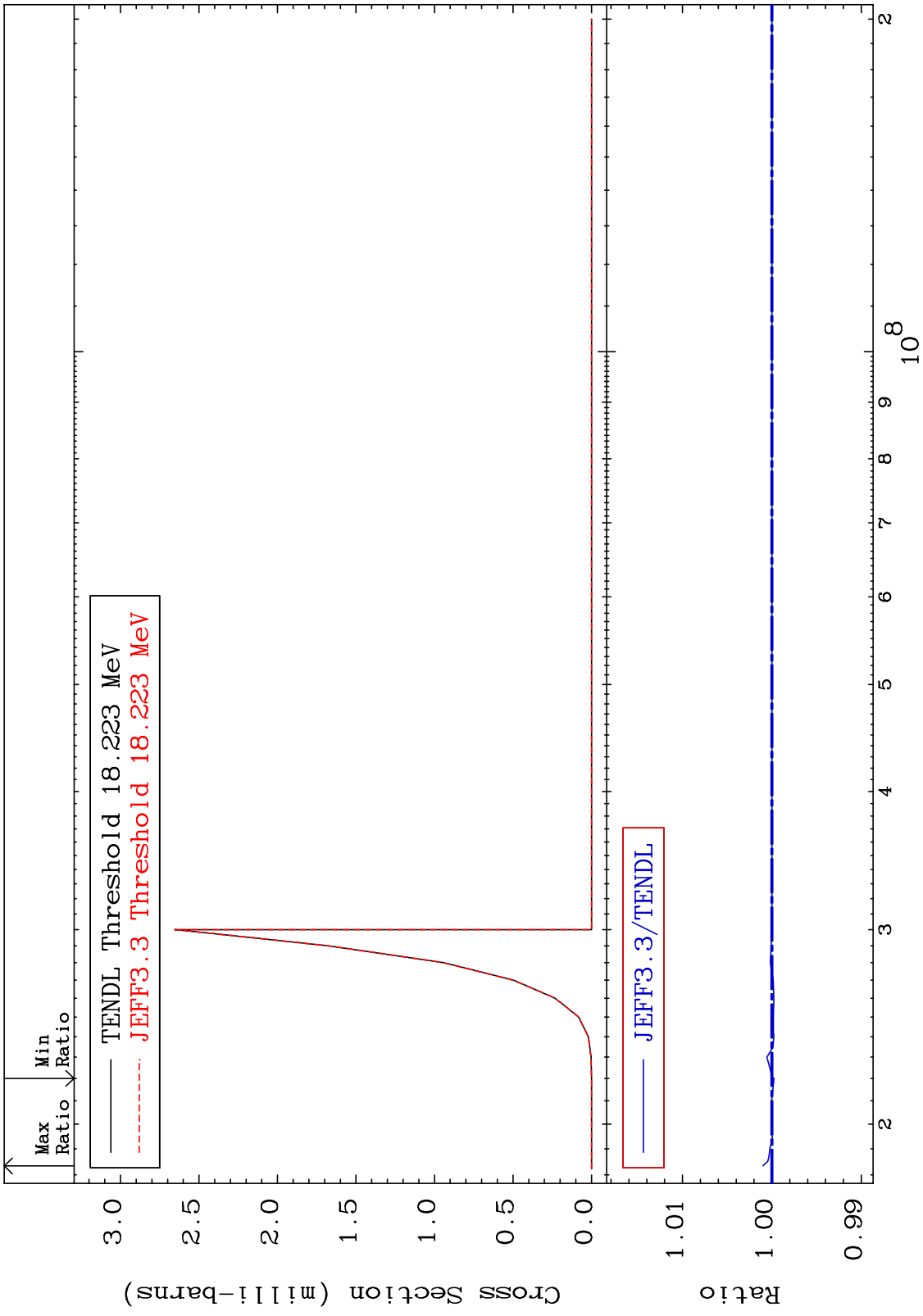


MAT 5255 (n,4n):52-Te-127g 52-Te-130
 Radionuclide Production Cross Section -0.193 To 0.120 %

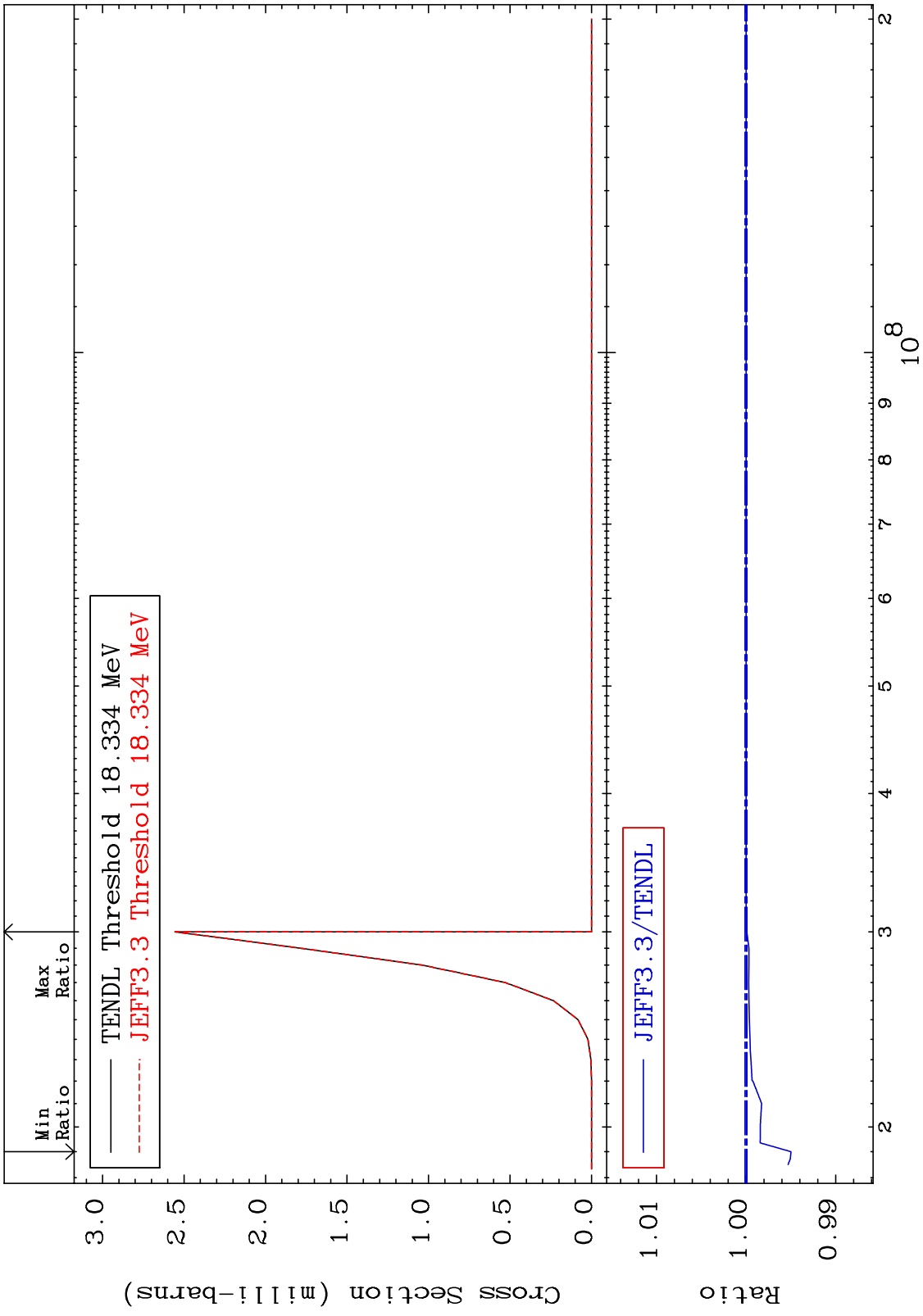


MAT 5255 (n,4n):52-Te-127m2 52-Te-130
 Radionuclide Production Cross Section -0.063 To 0.077 %

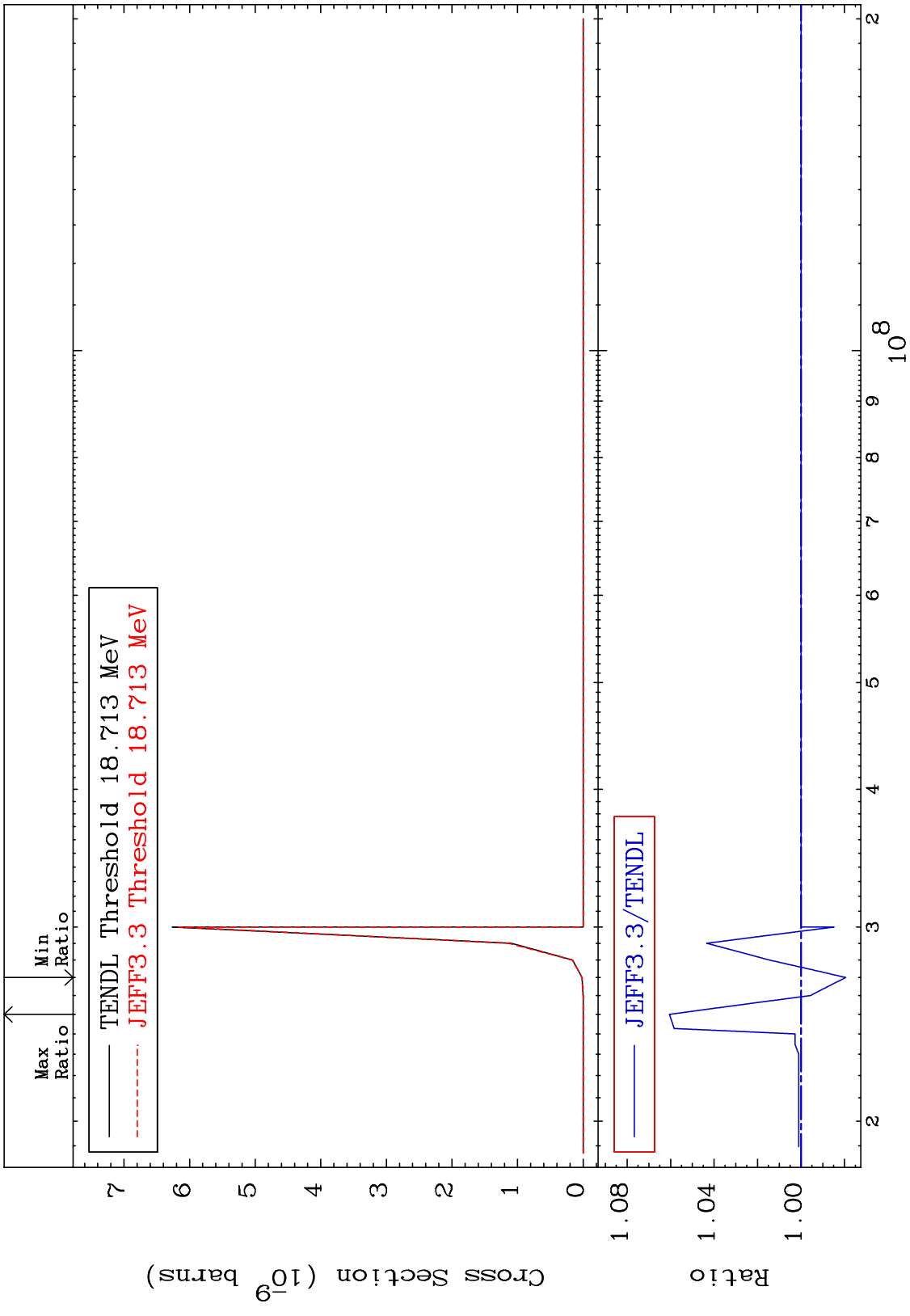




MAT 5255 (n,2n) p:51-Sb-128m1 52-Te-130
 Radionuclide Production Cross Section -0.501 To 0.000 %

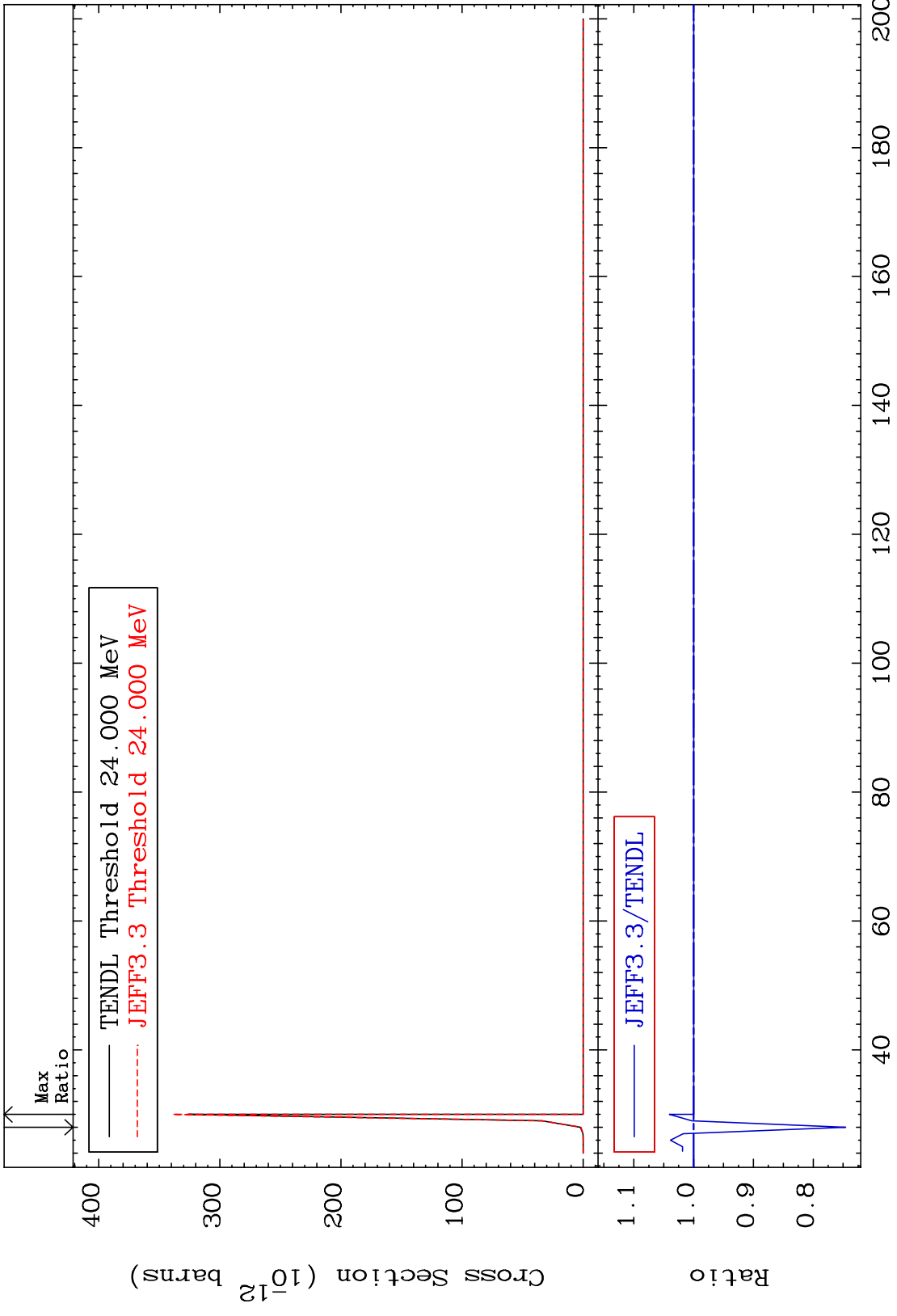


MAT 5255 (n,2n) p:50-Sn-128g 52-Te-130
 Radionuclide Production Cross Section -2.057 To 6.053 %

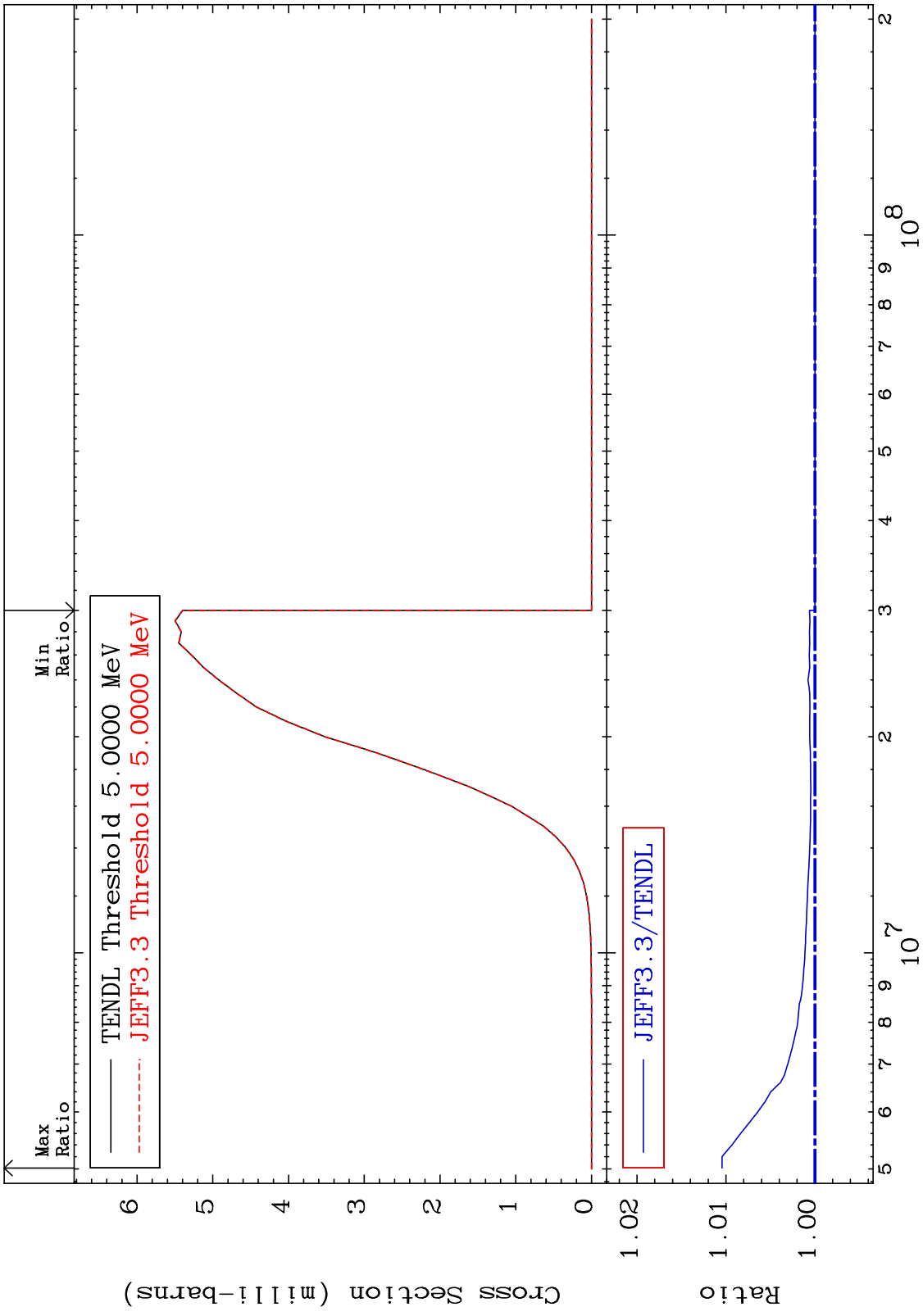


70 52-Te-130

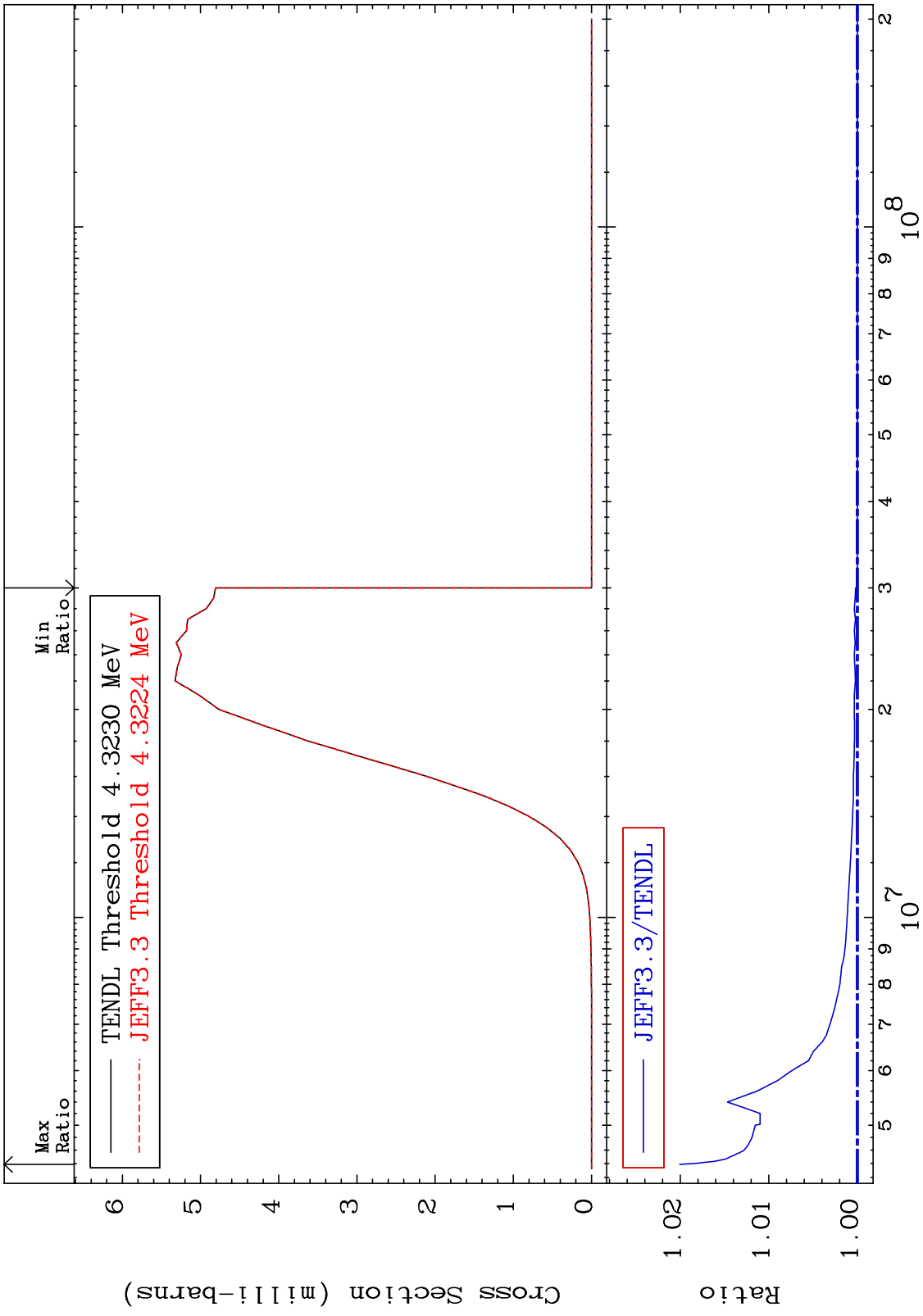
MAT 5255 (n,2n) p:50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section -25.43 To 4.048 %



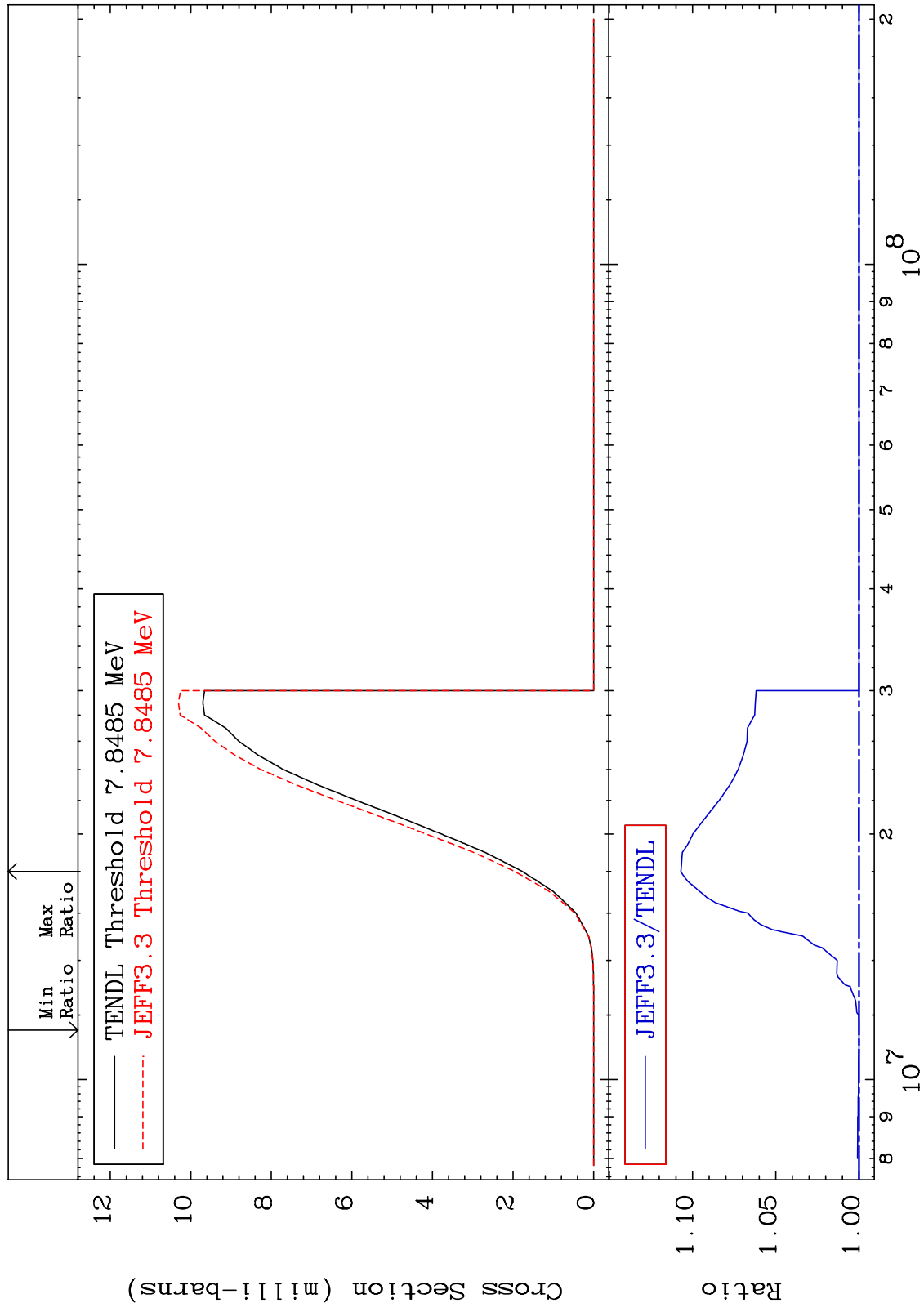
MAT 5255 (n,p):51-Sb-130g 52-Te-130
 Radionuclide Production Cross Section 0.000 To 1.045 %



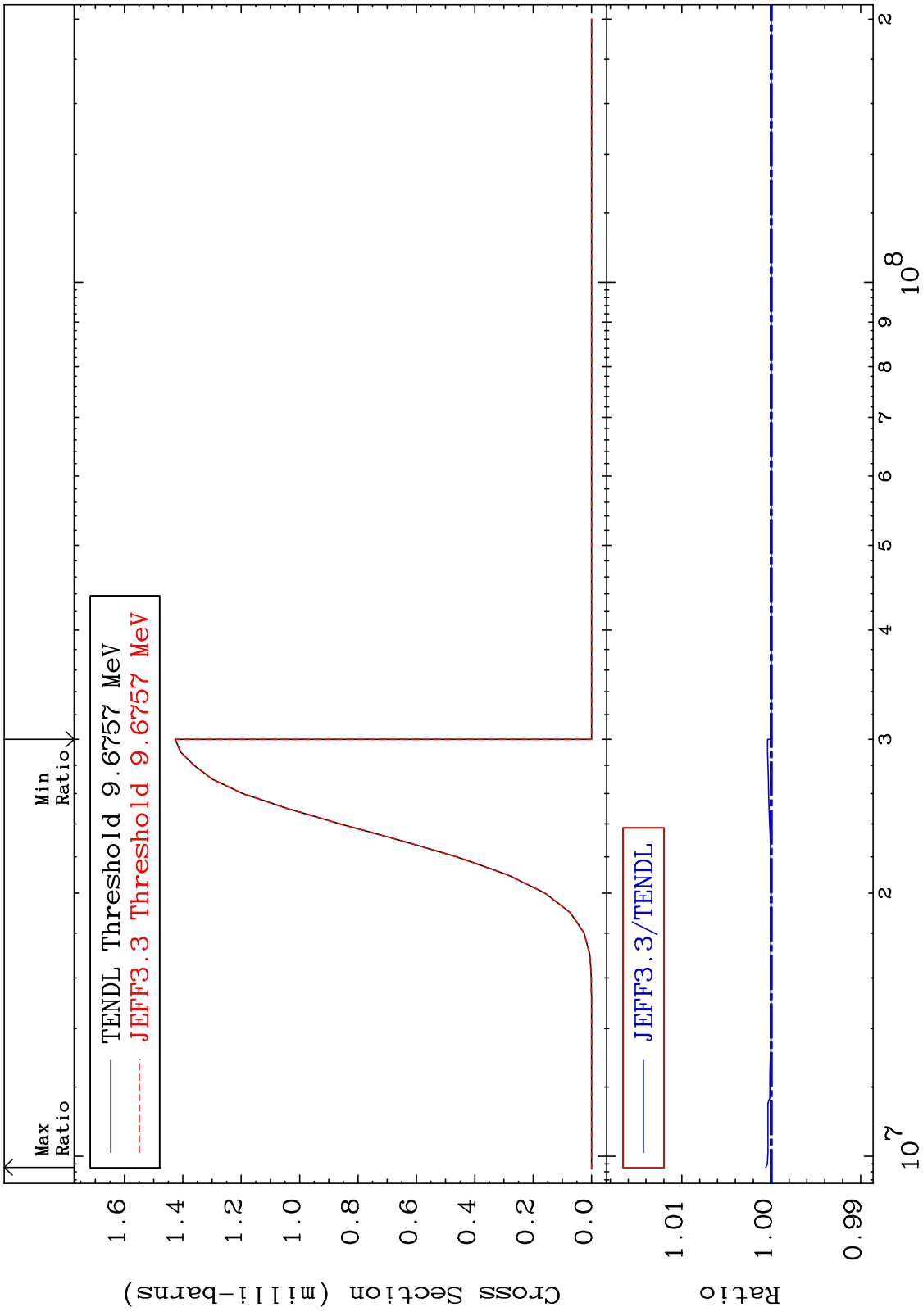
MAT 5255 (n,p):51-Sb-130m1 52-Te-130
 Radionuclide Production Cross Section 0.000 To 2.008 %



MAT 5255 (n,d):51-Sb-129g 52-Te-130
Radionuclide Production Cross Section -0.002 To 10.70 %



MAT 5255 (n,t):51-Sb-128g 52-Te-130
Radionuclide Production Cross Section 0.000 To 0.061 %



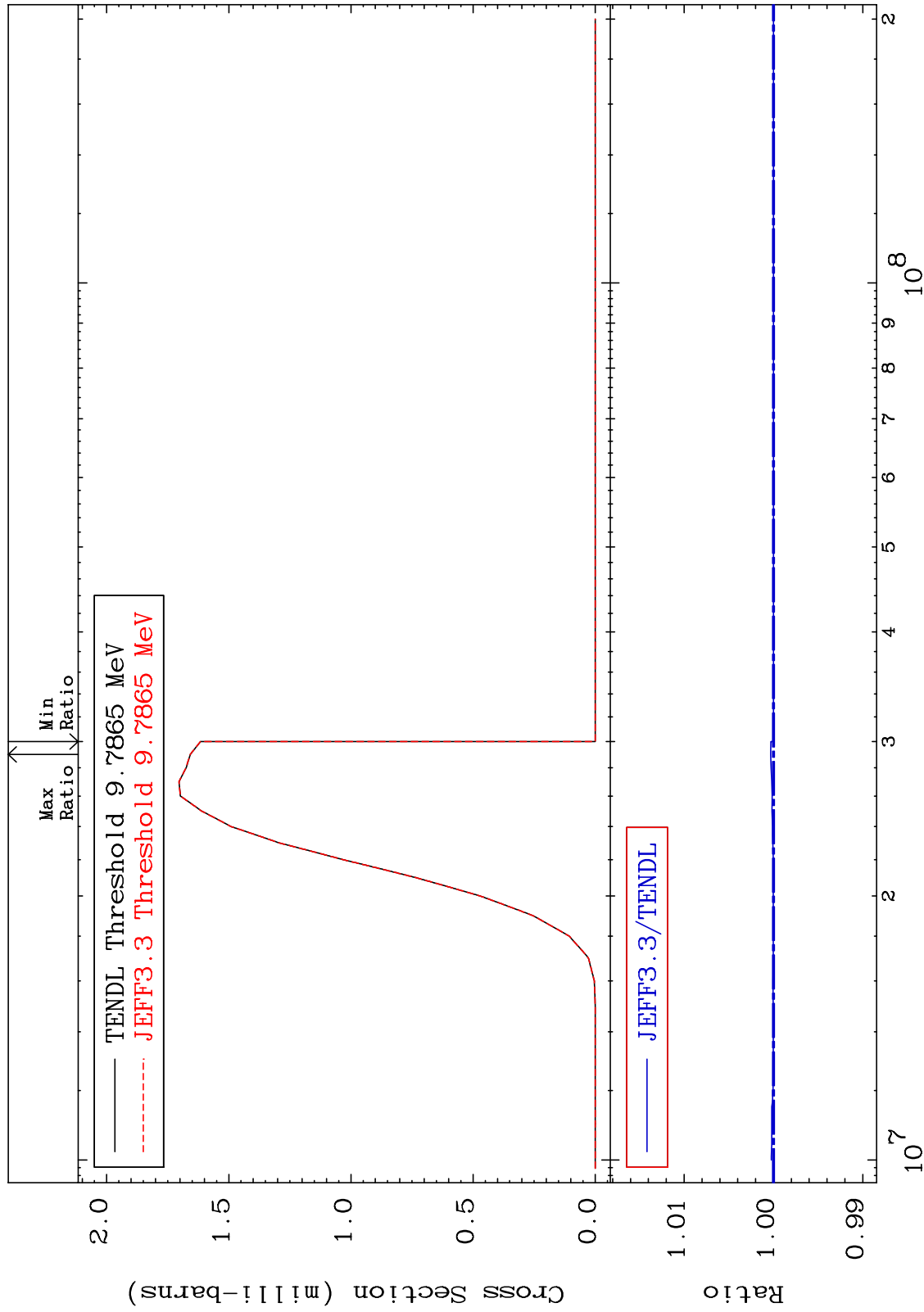
75 52-Te-130

MAT 5255

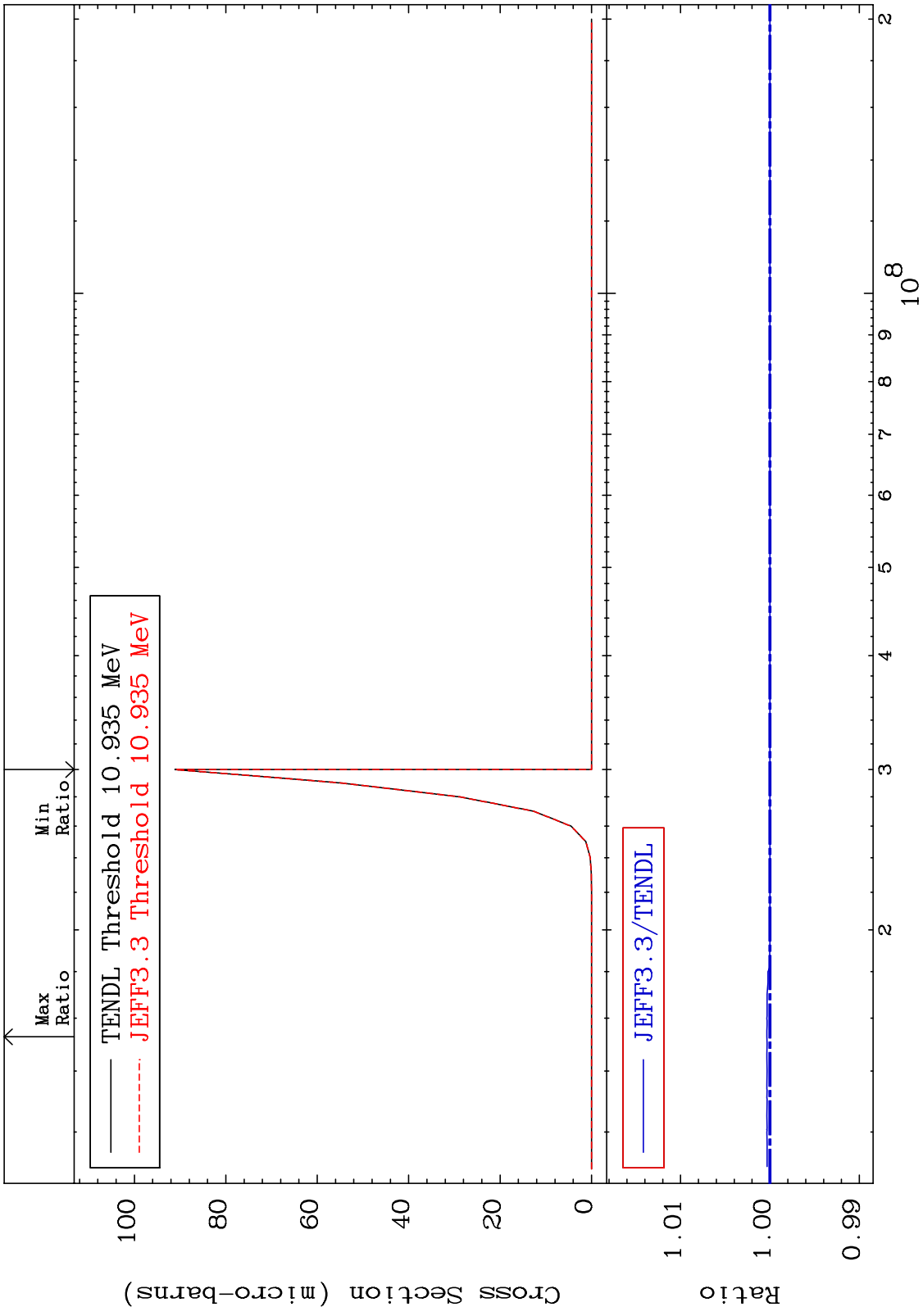
(n, t): 51-Sb-128m1

52-Te-130

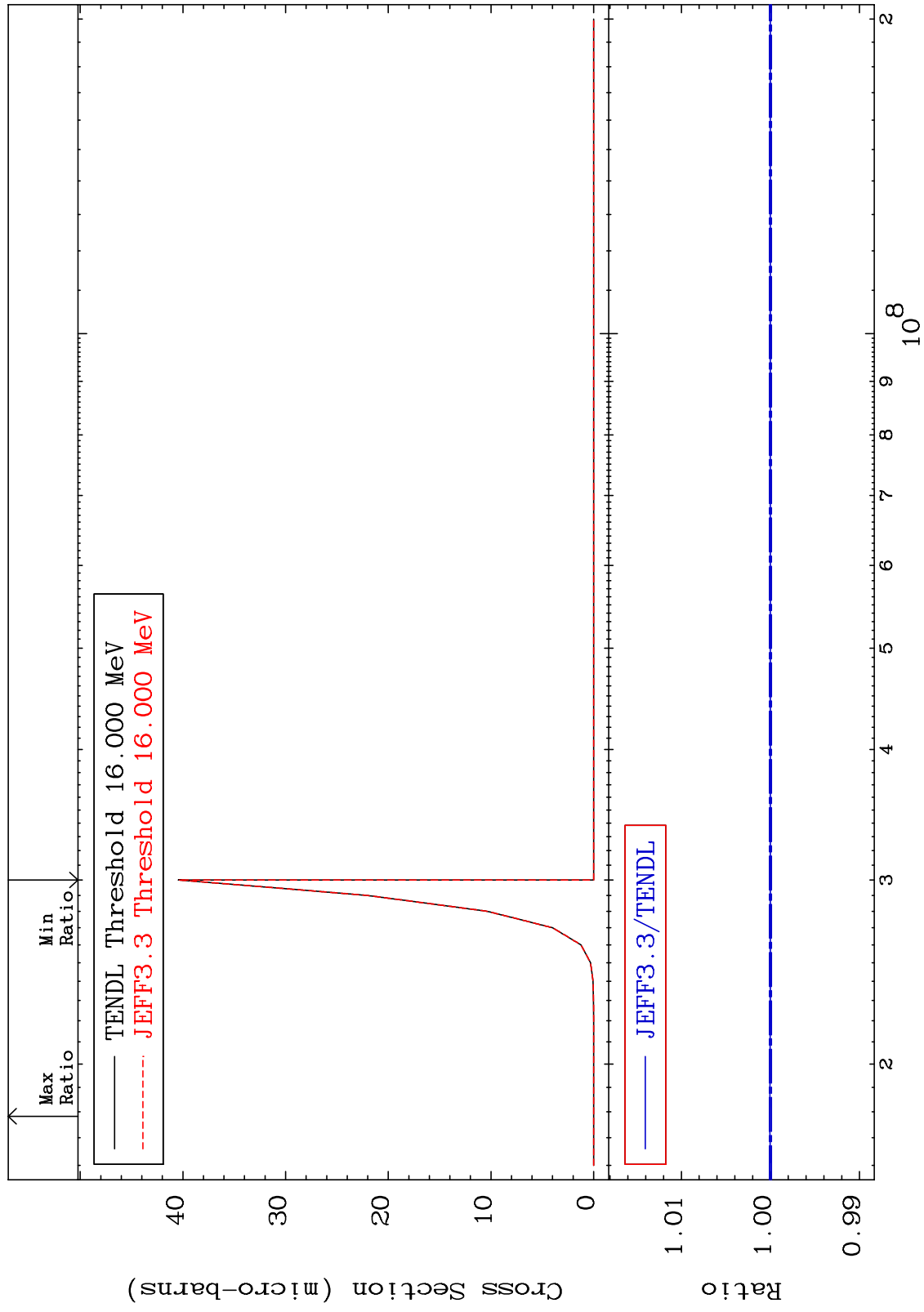
Radionuclide Production Cross Section 0.000 To 0.033 %



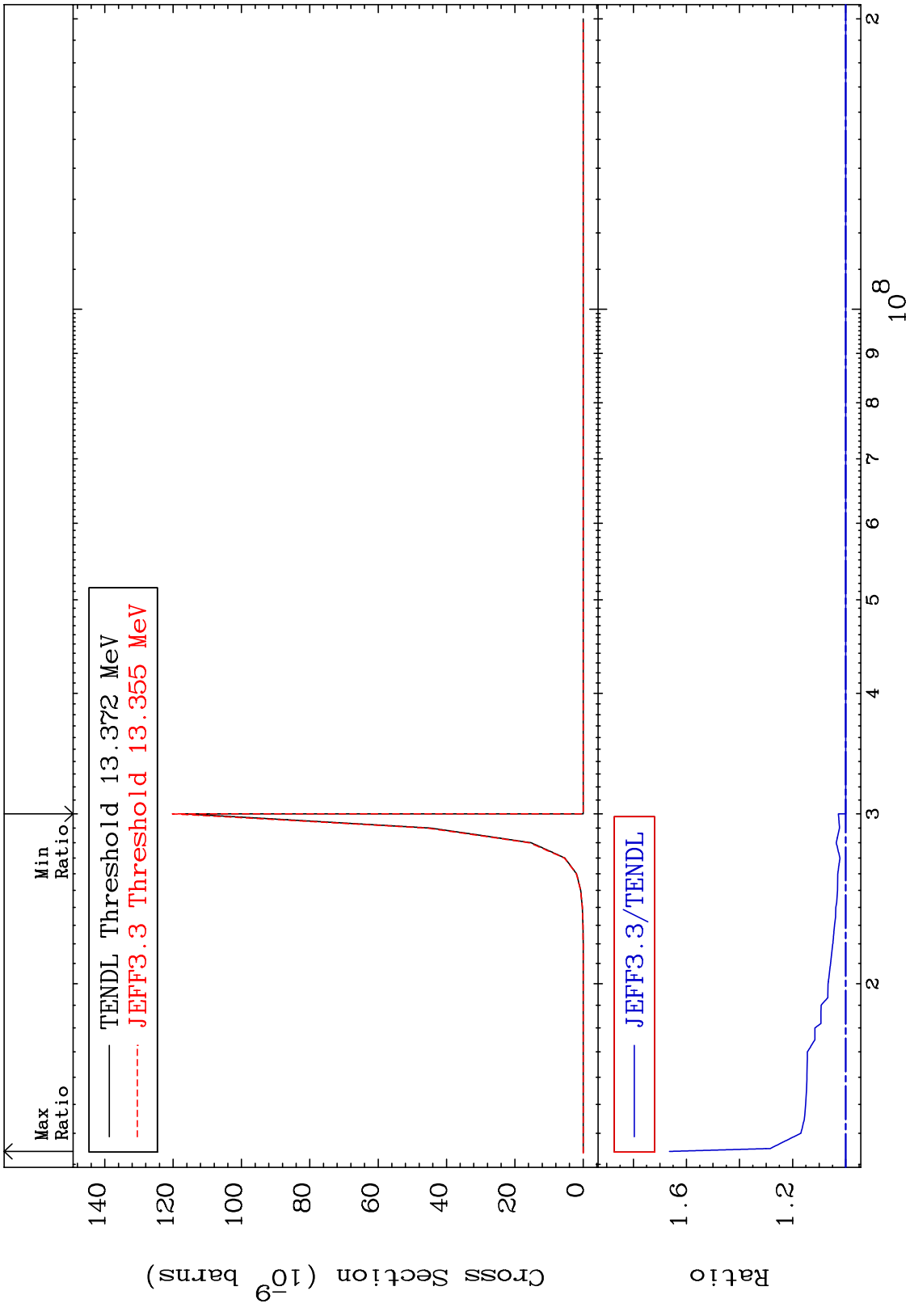
MAT 5255 (n,He-3):50-Sn-128g 52-Te-130
Radionuclide Production Cross Section 0.000 To 0.034 %



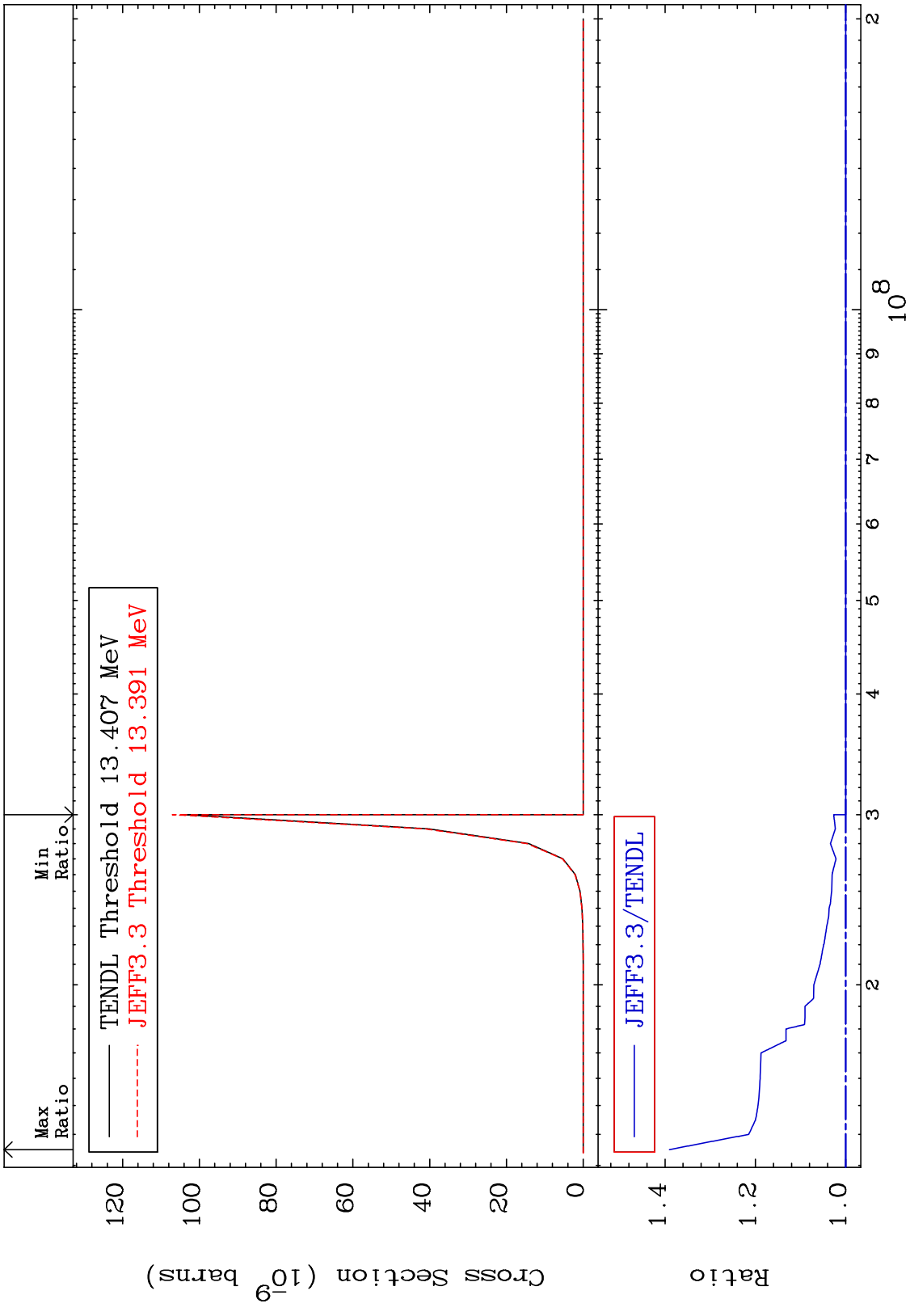
MAT 5255 (n,He-3):50-Sn-128m3 52-Te-130
Radionuclide Production Cross Section 0.000 To 0.011 %



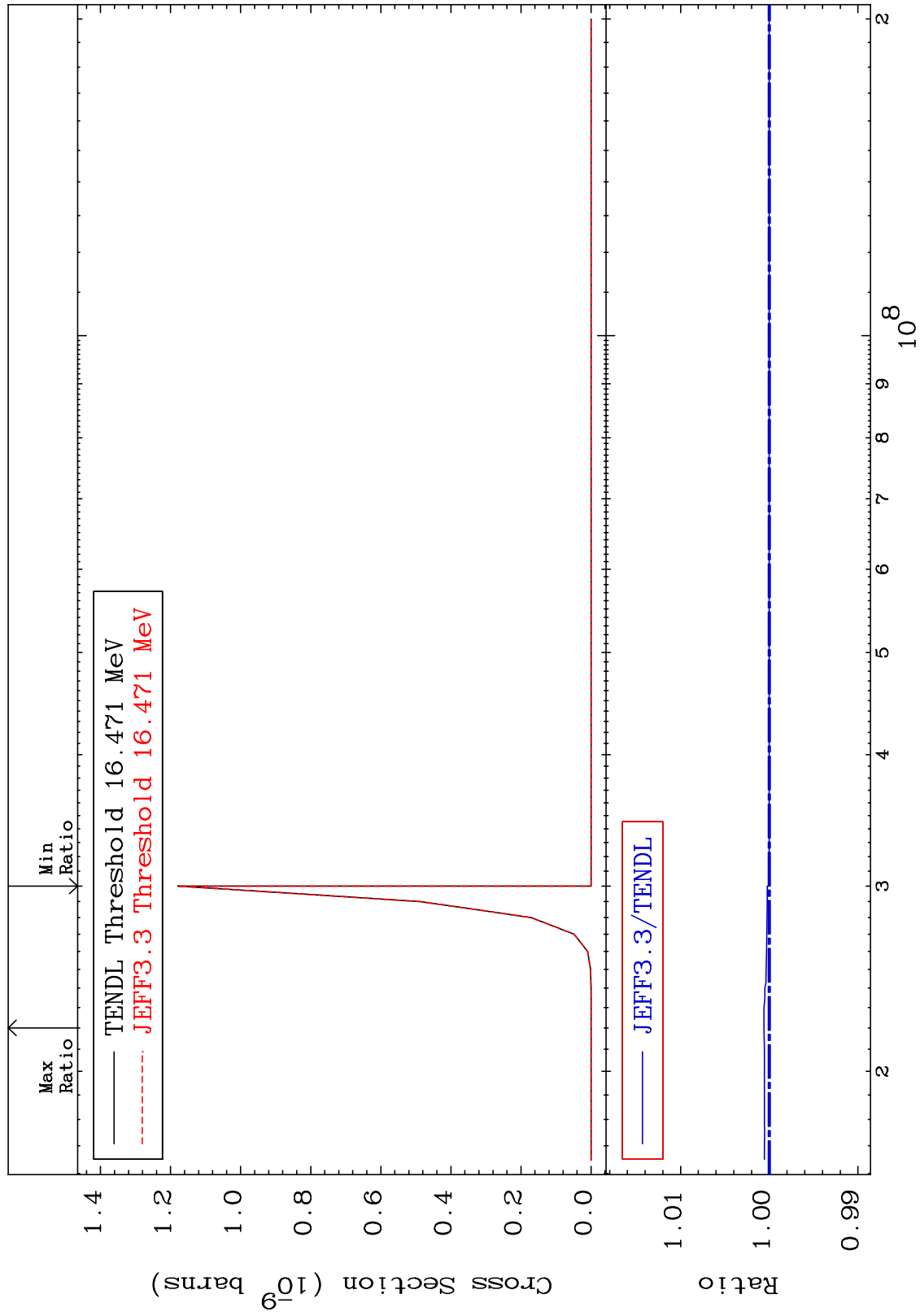
MAT 5255 (n,2p):50-Sn-129g 52-Te-130
 Radionuclide Production Cross Section 0.000 To 66.38 %



MAT 5255 (n,2p):50-Sn-129m1 52-Te-130
 Radionuclide Production Cross Section 0.000 To 39.01 %



MAT 5255 (n,p) d:50-Sn-128g 52-Te-130
 Radionuclide Production Cross Section 0.000 To 0.060 %



MAT 5255 (n,p) d:50-Sn-128m3 52-Te-130
 Radionuclide Production Cross Section 0.000 To 0.072 %

