

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way

Livermore, CA 94550

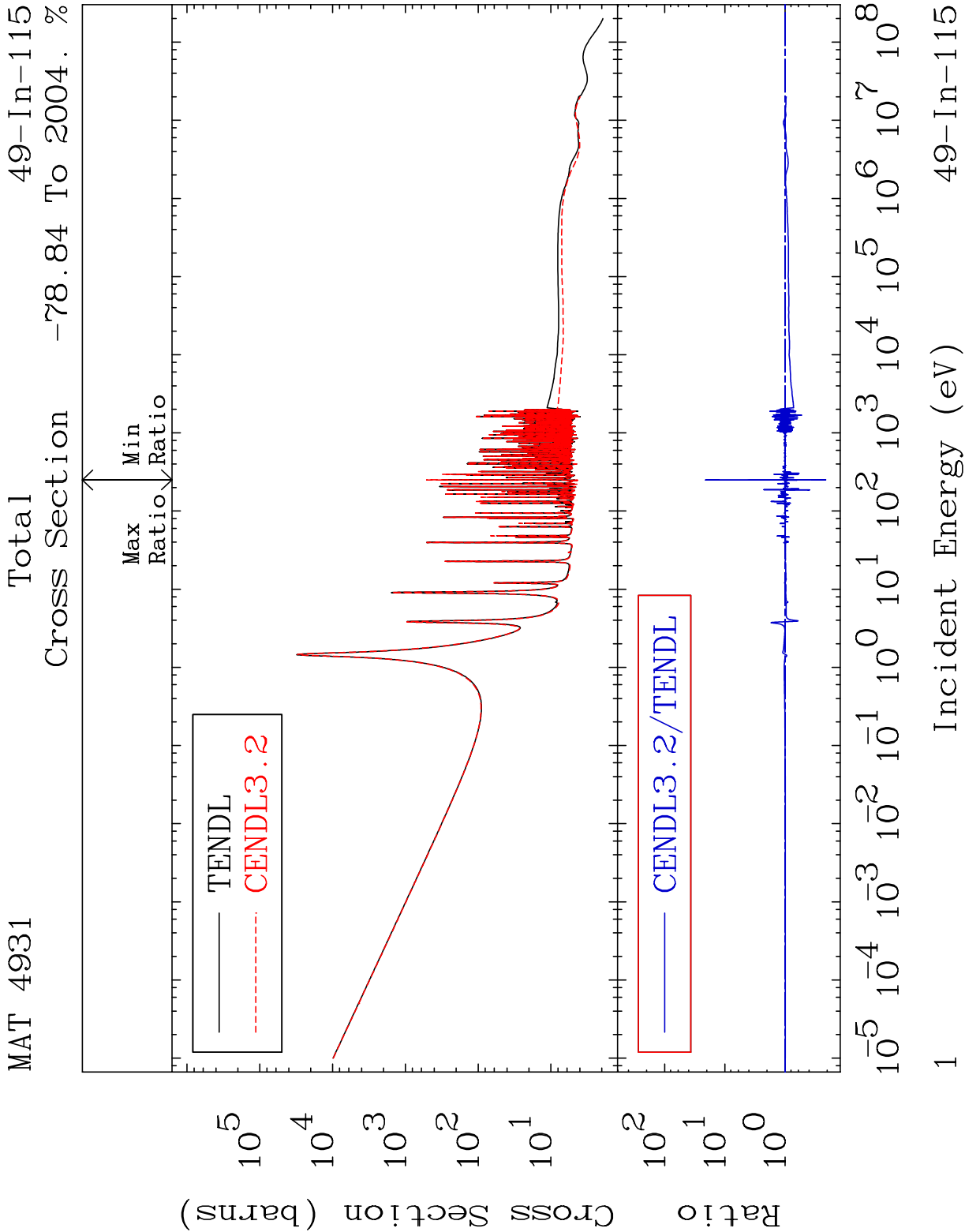
U.S.A.

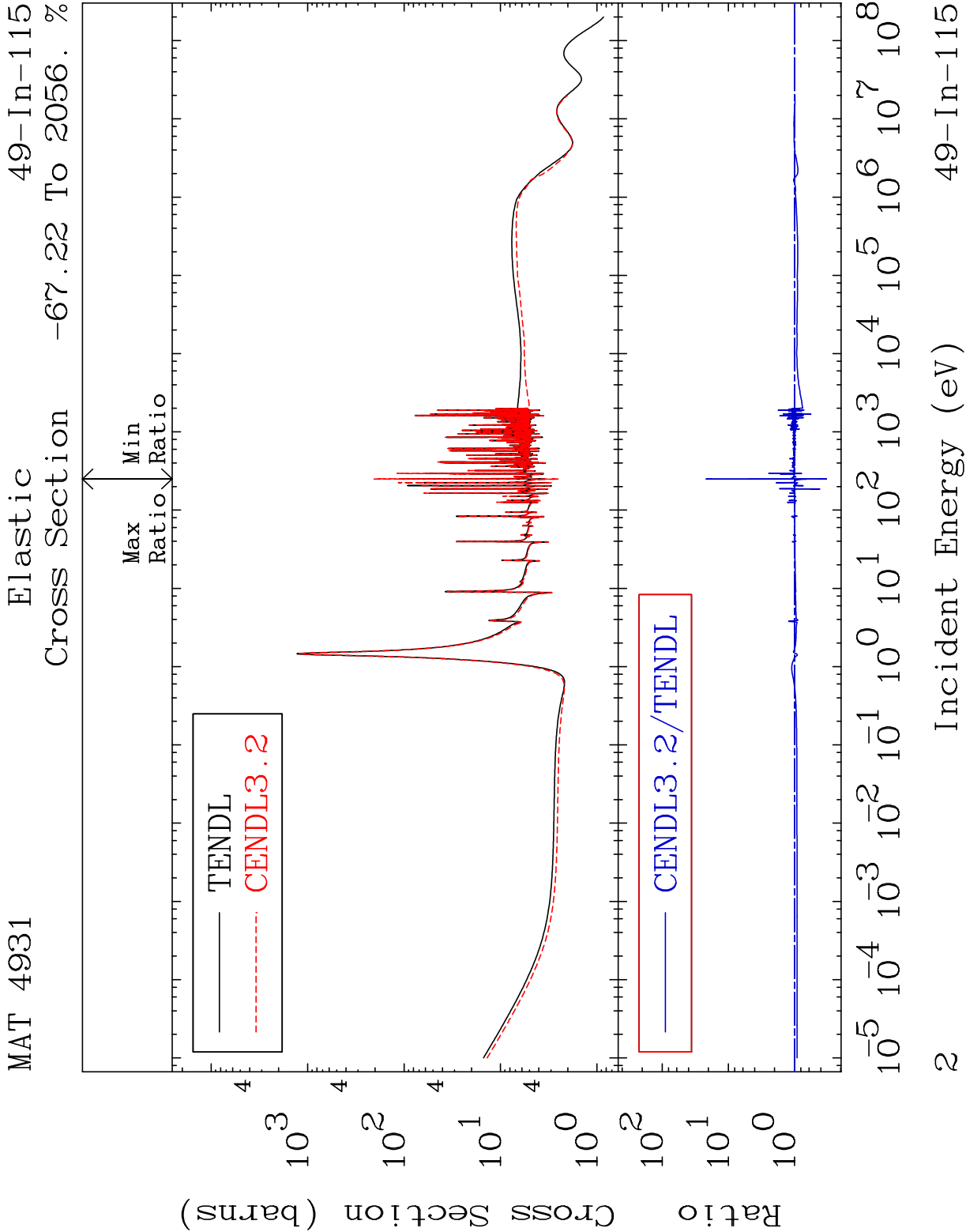
Tele: 925-443-1911

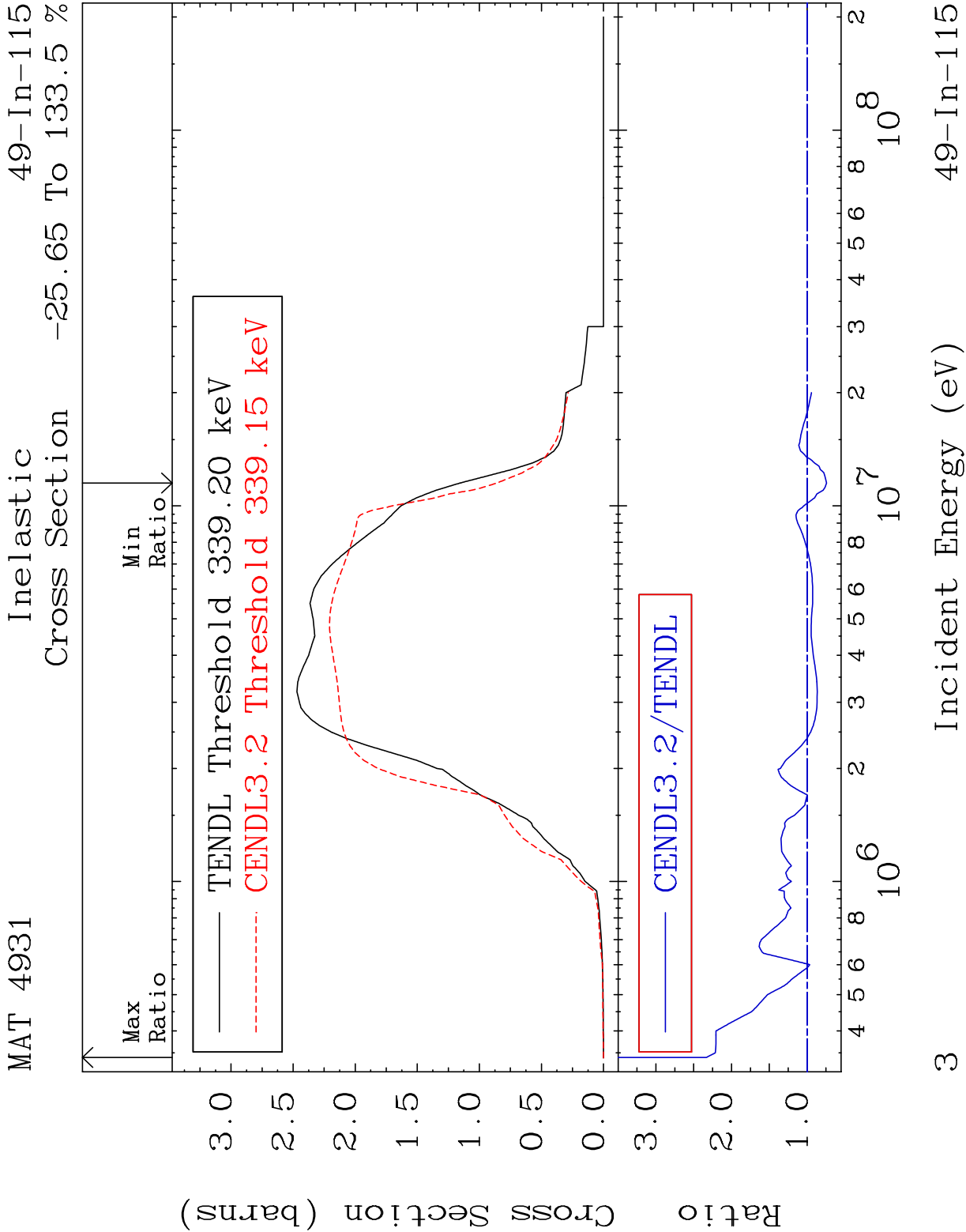
E.Mail: redcullen1@comcast.net

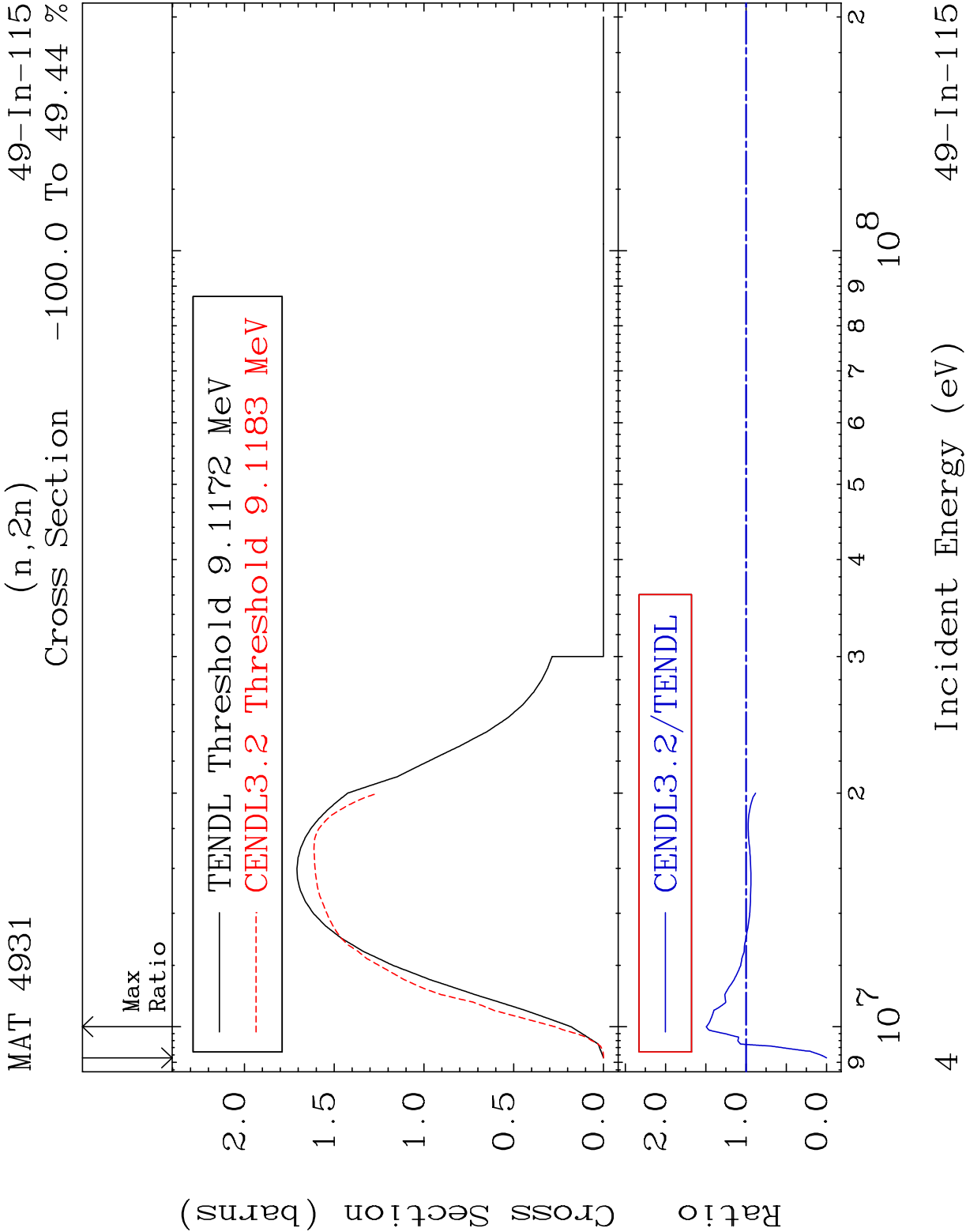
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







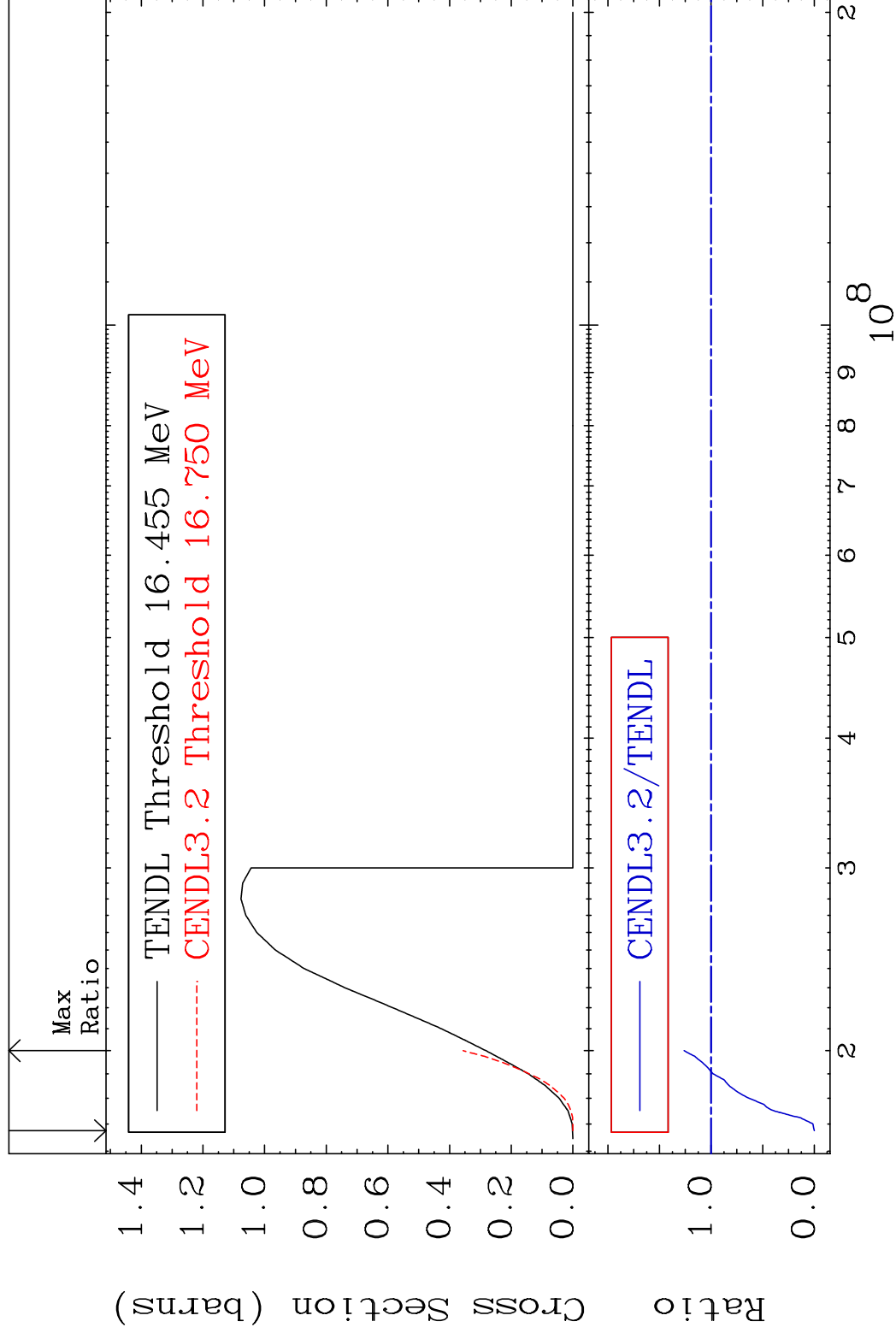


MAT 4931

$$(n, 3n)$$

49-In-115

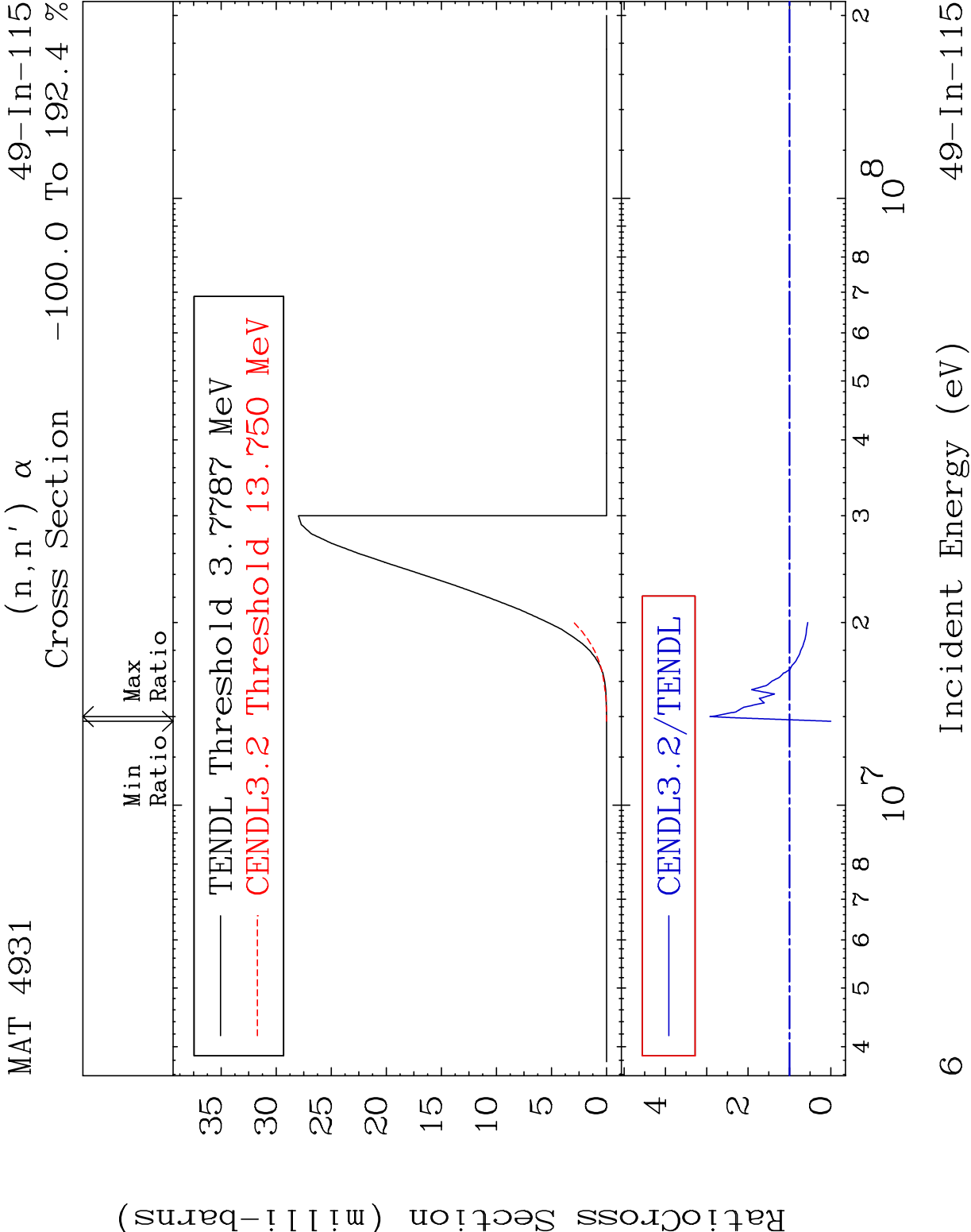
Cross Section	-100.0	To 26.20 %
---------------	--------	------------

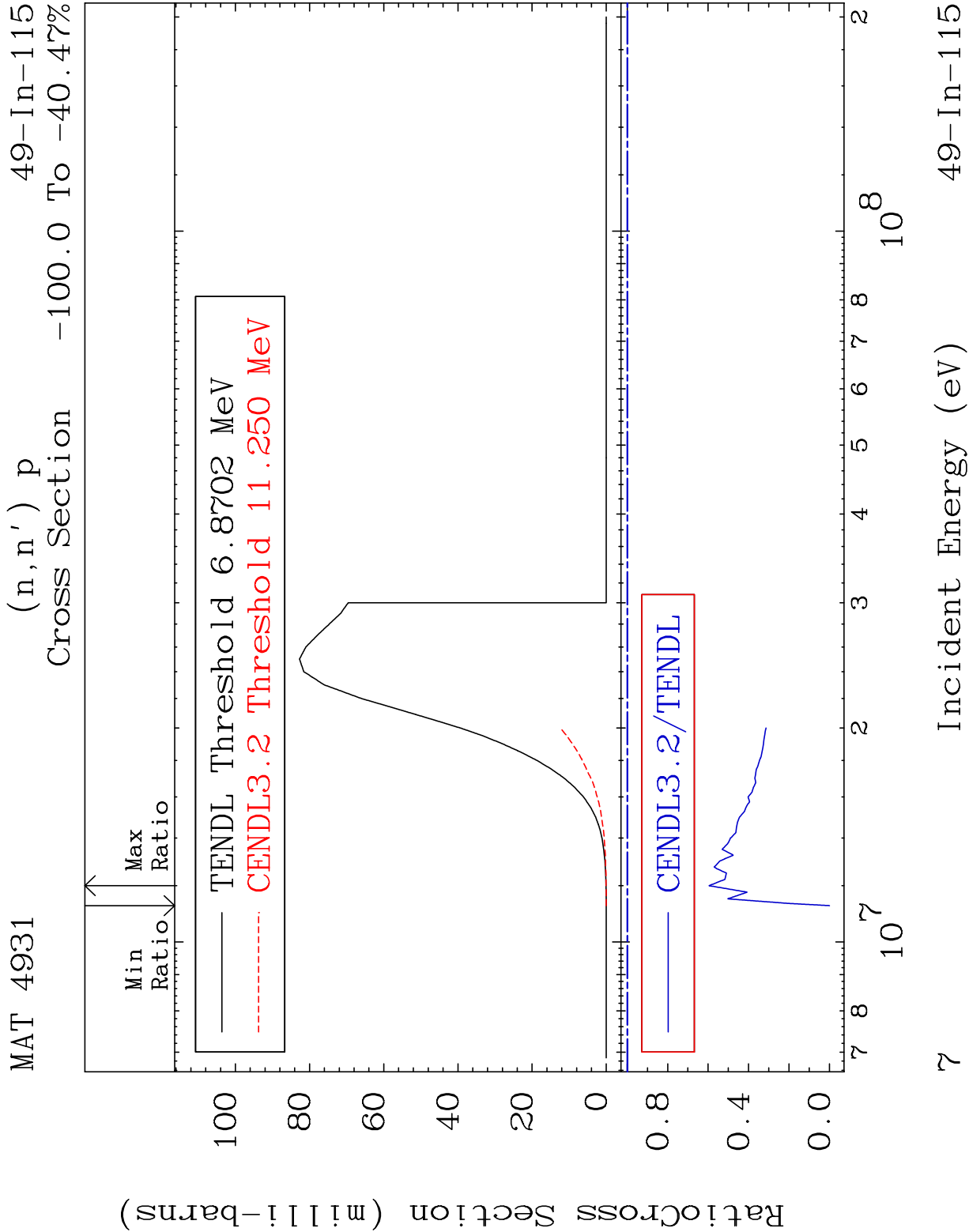


5

Incident Energy (eV)

49-In-115



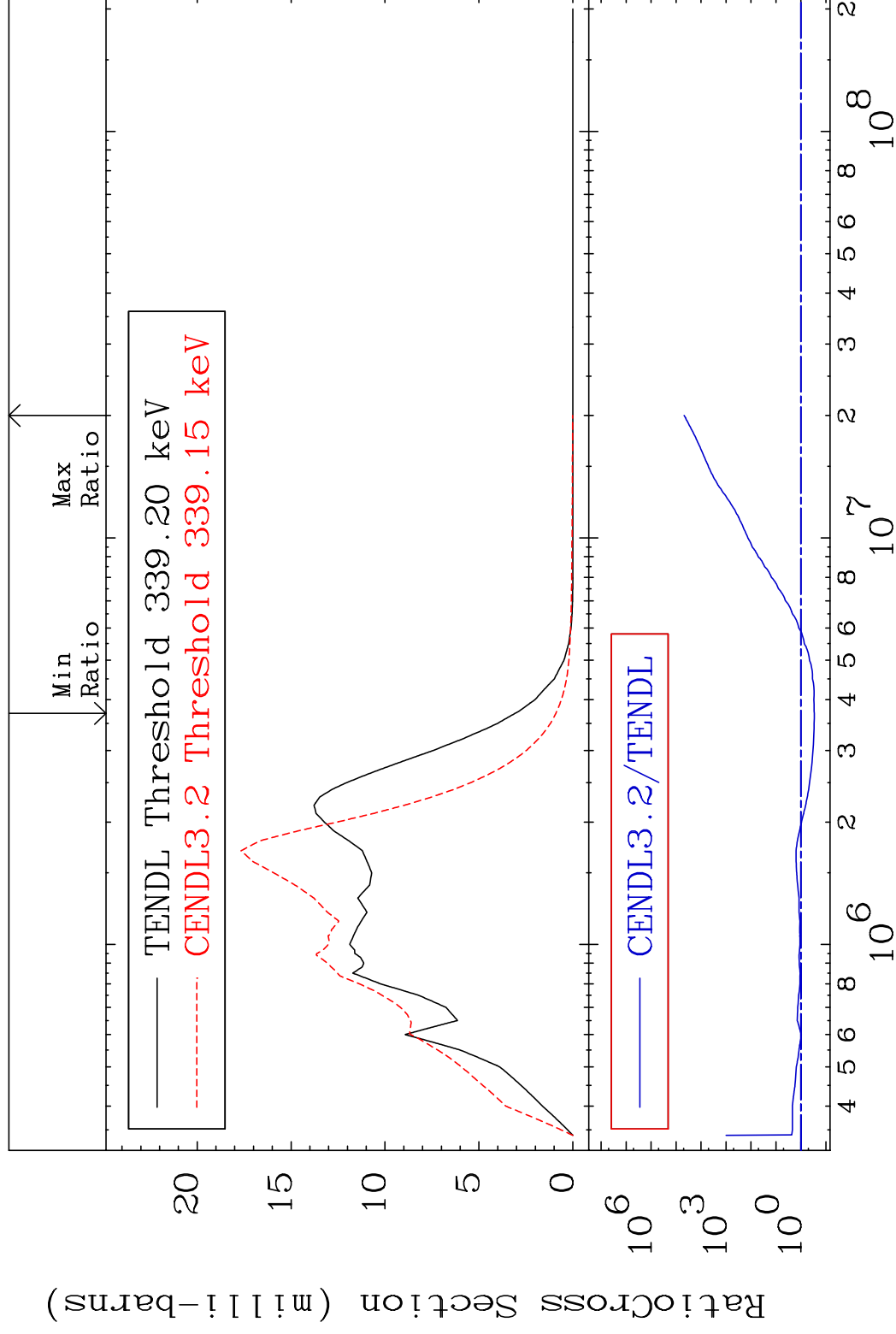


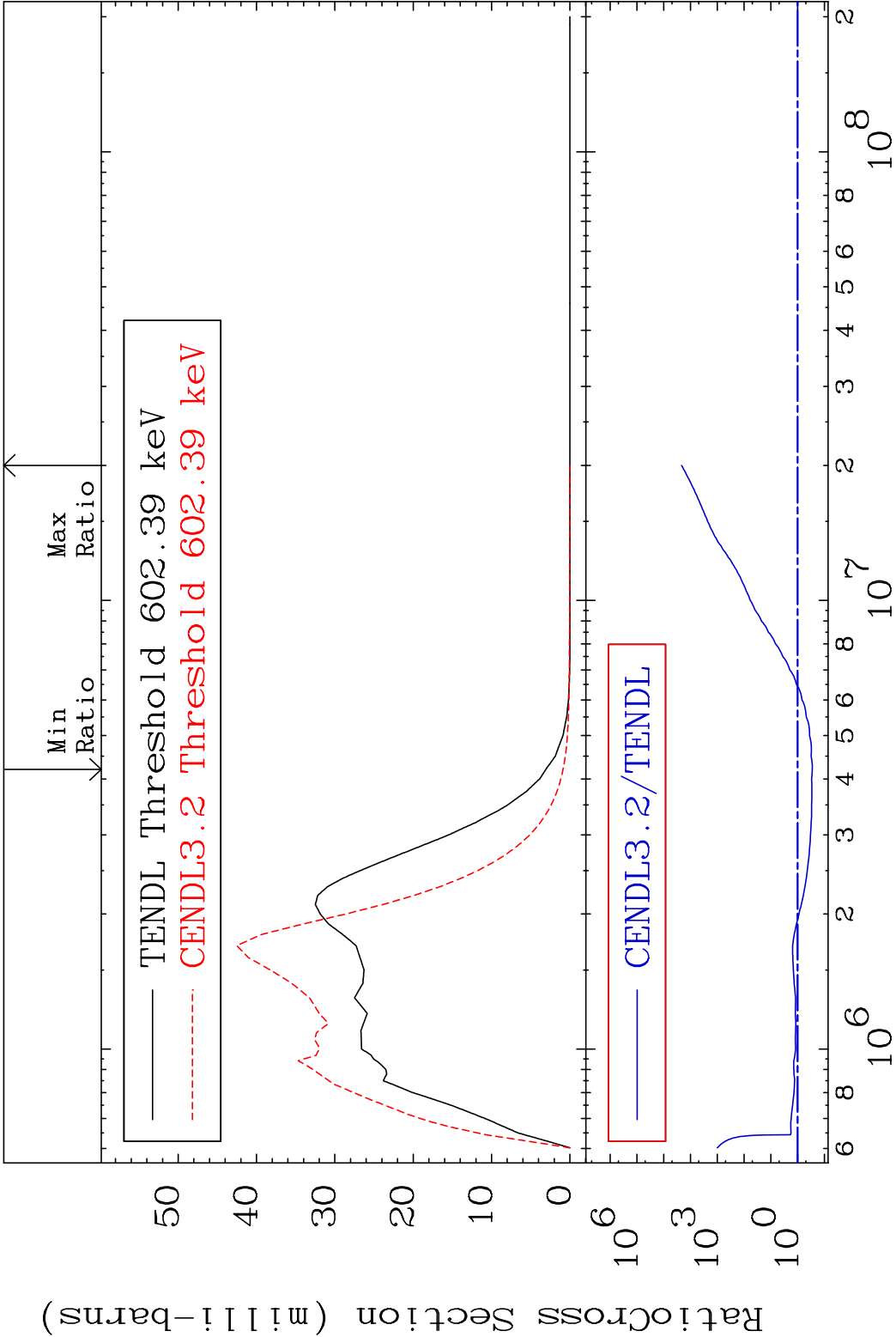
MAT 4931

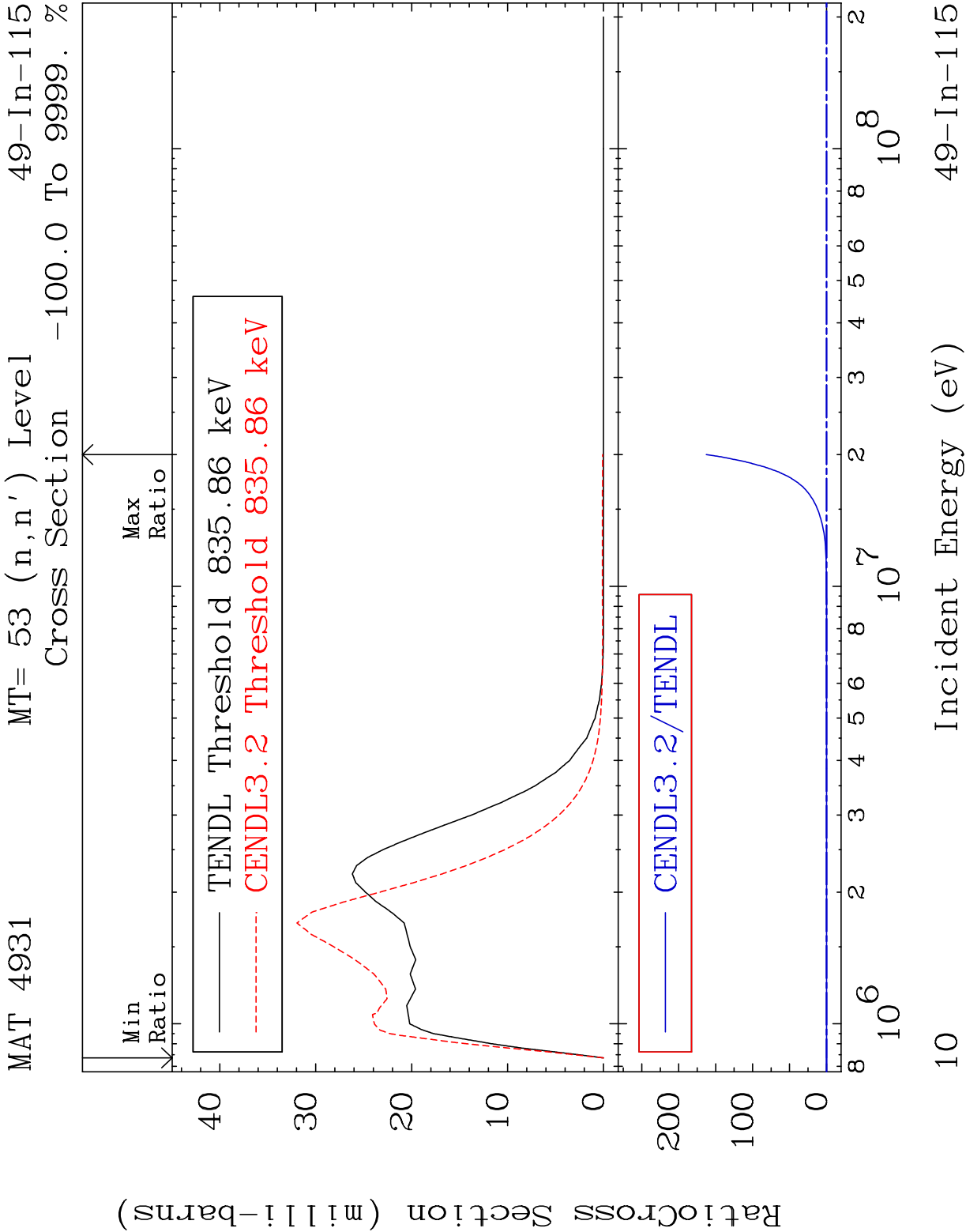
MT= 51 (n, n') Level

49-In-115

Cross Section -70.62 To 9999. %







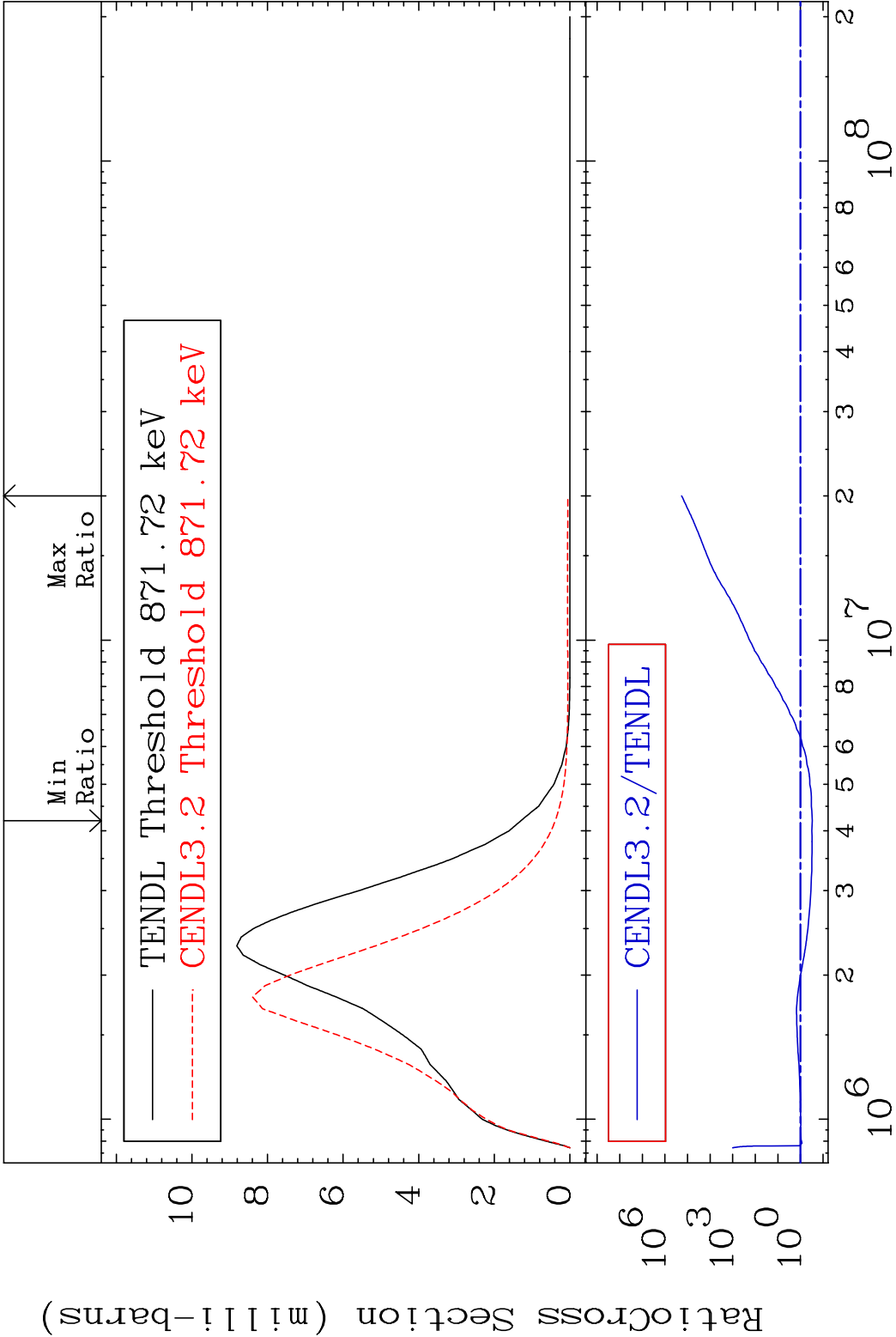
MAT 4931

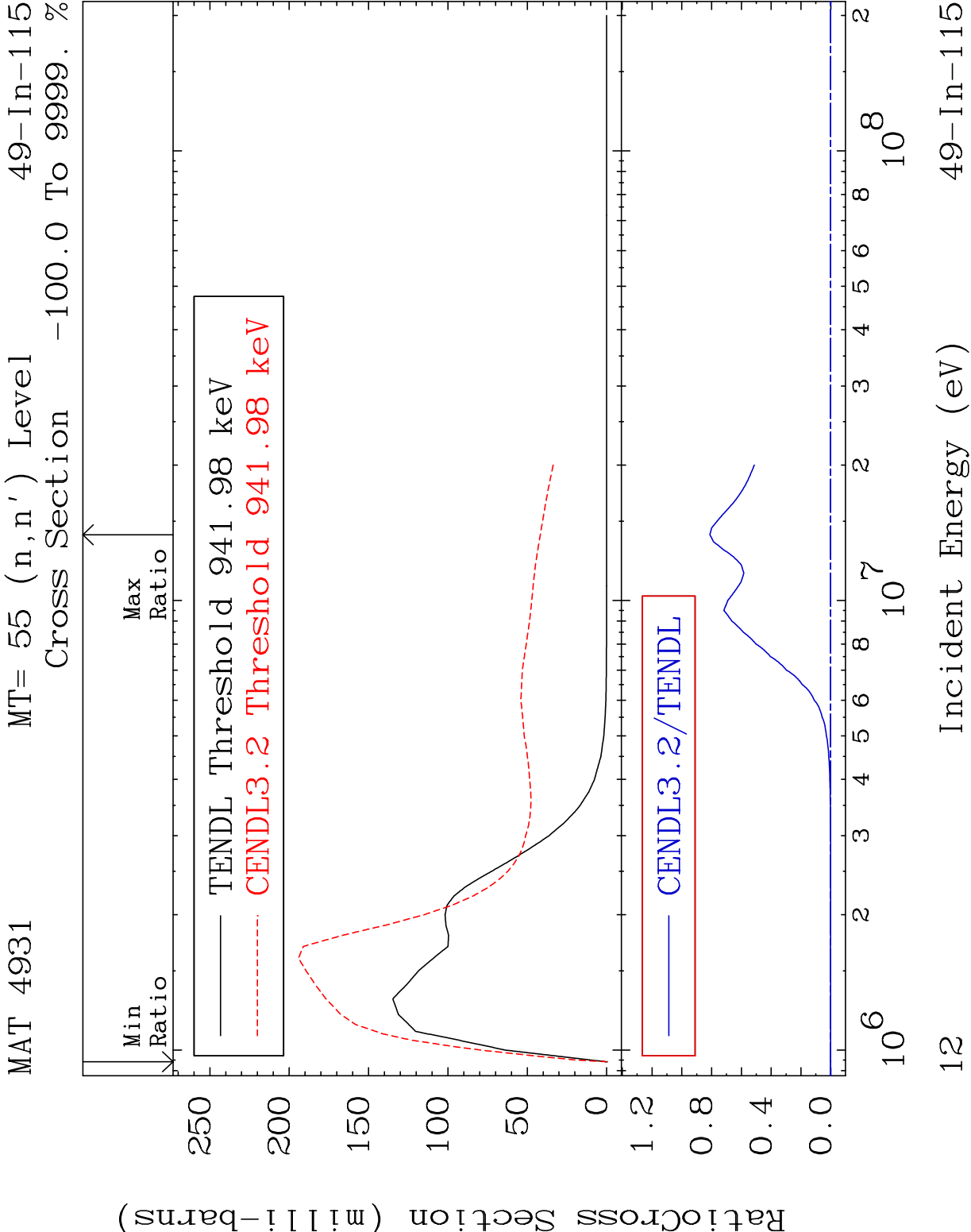
MT= 54 (n,n') Level

49-In-115

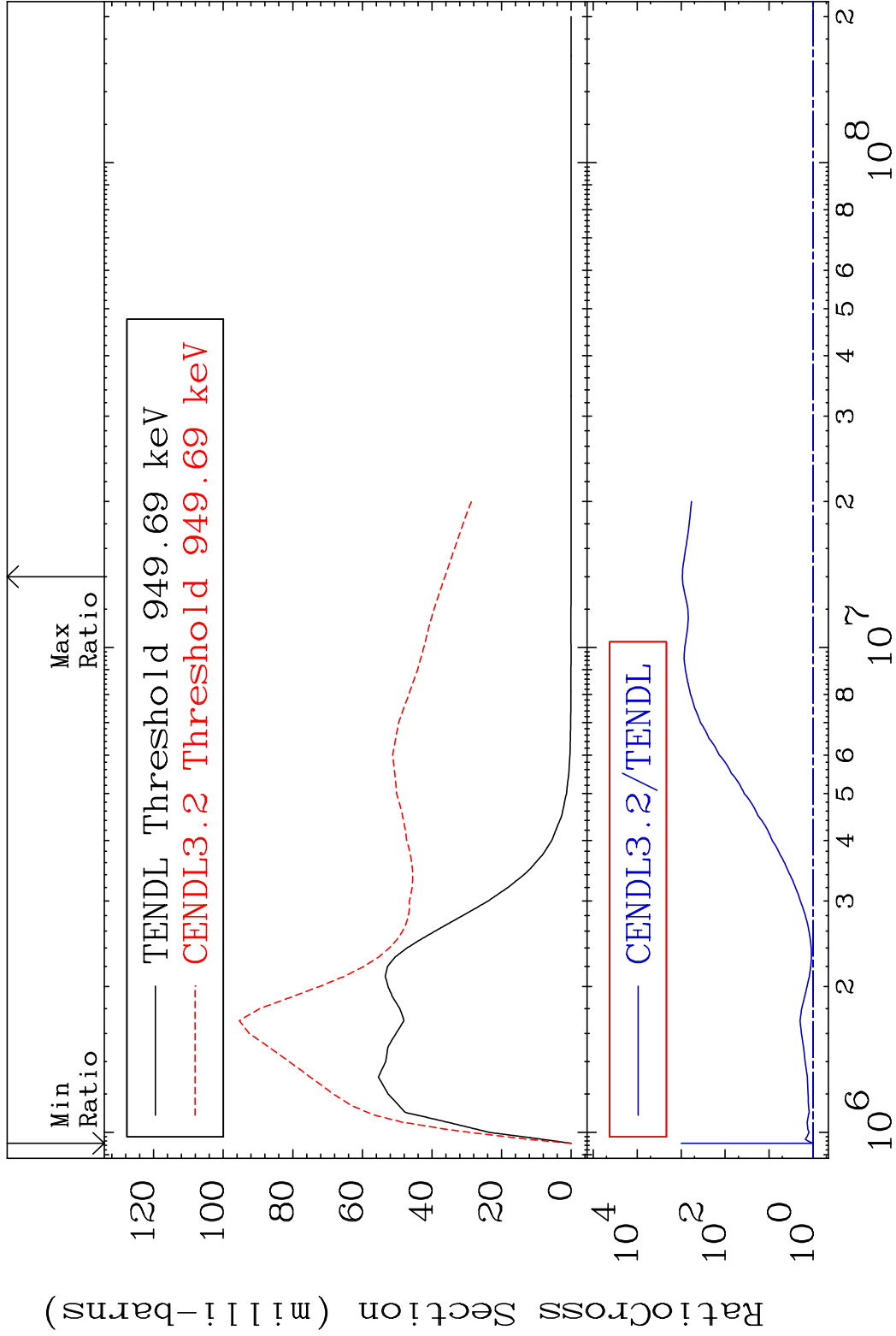
Cross Section

-70.01 To 9999. %



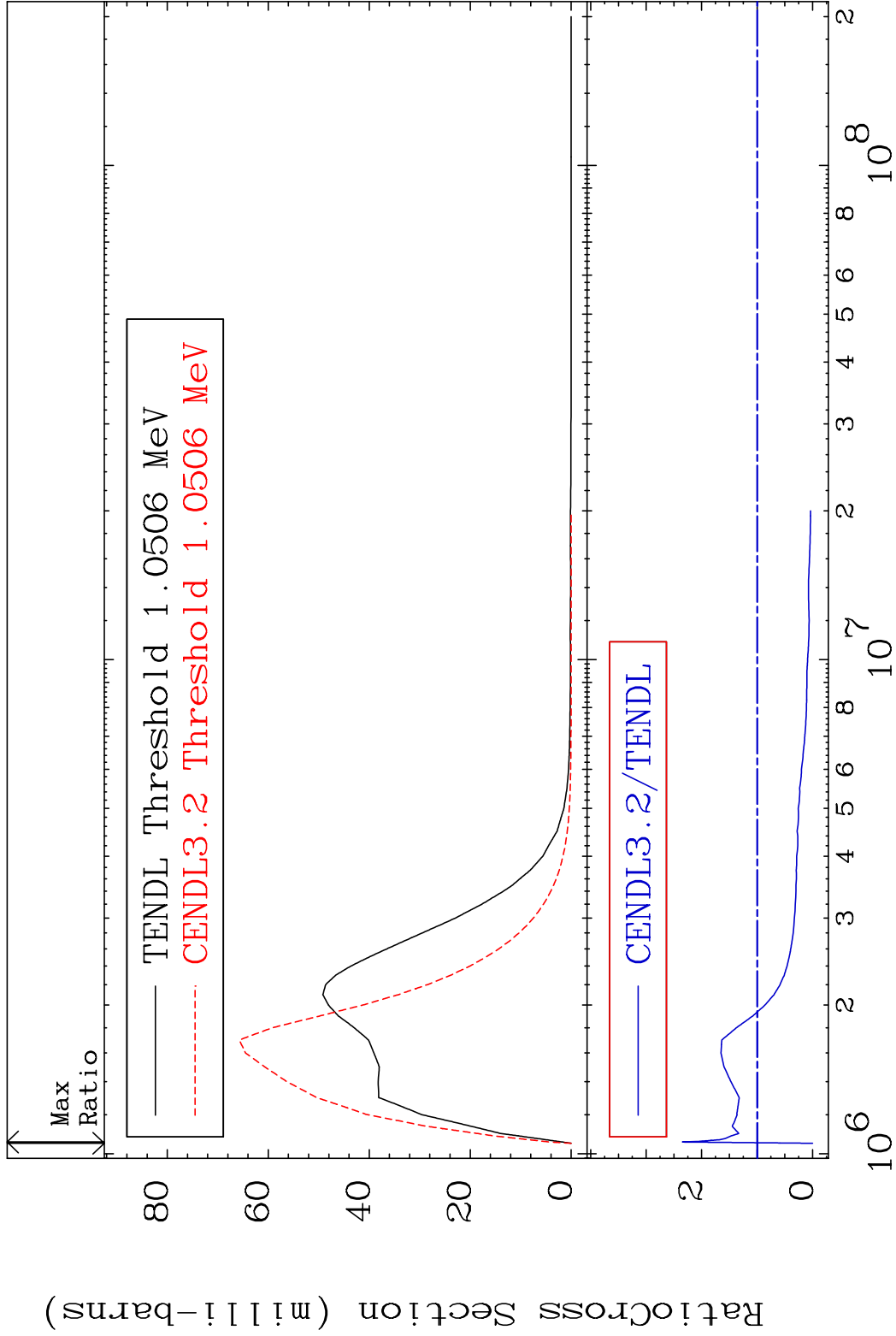


MAT 4931 MT= 56 (n,n') Level 49-In-115
Cross Section 2.978 To 9999. %



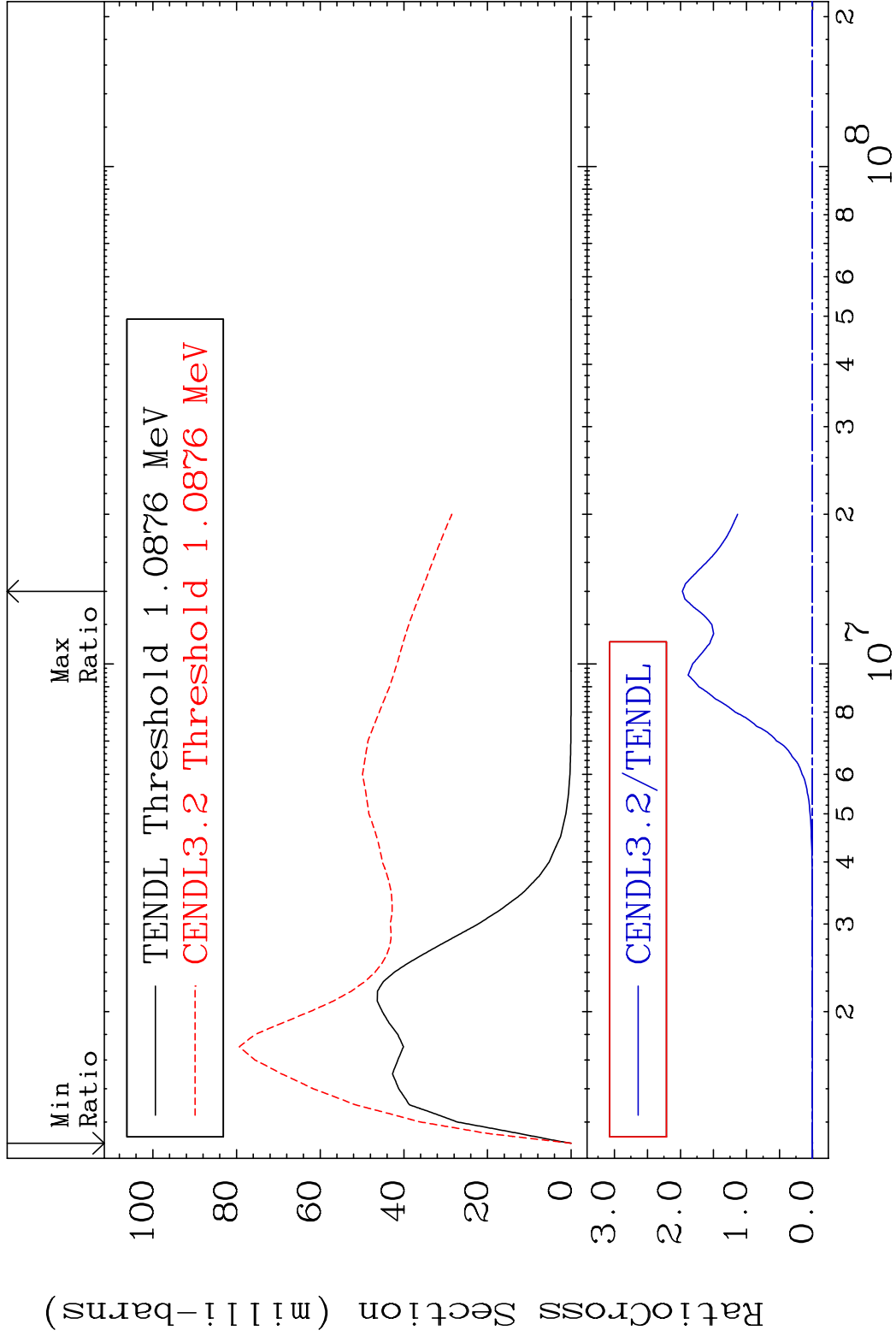
13 Incident Energy (eV) 49-In-115

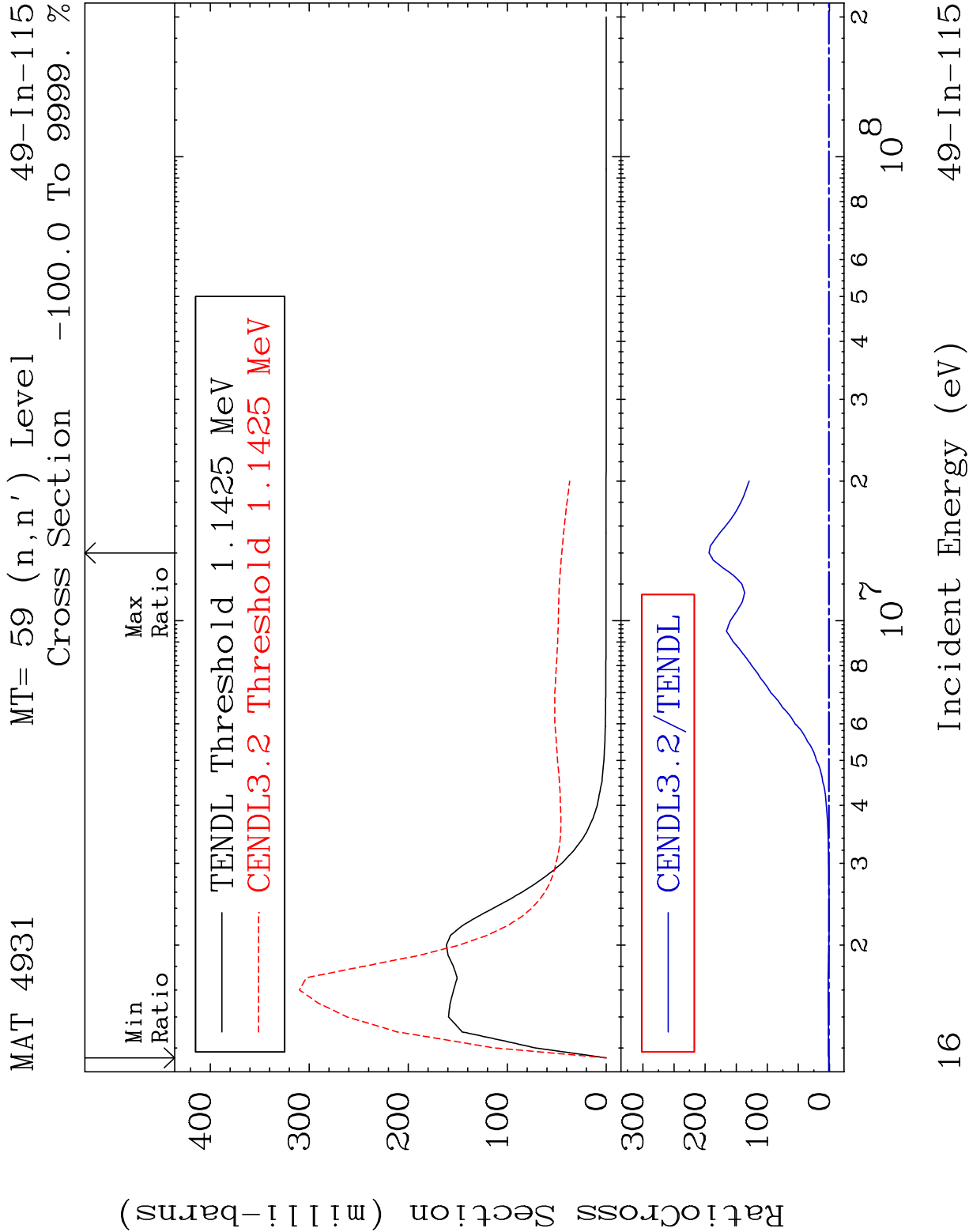
MAT 4931 MT= 57 (n,n') Level 49-In-115
Cross Section -100.0 To 134.8 %

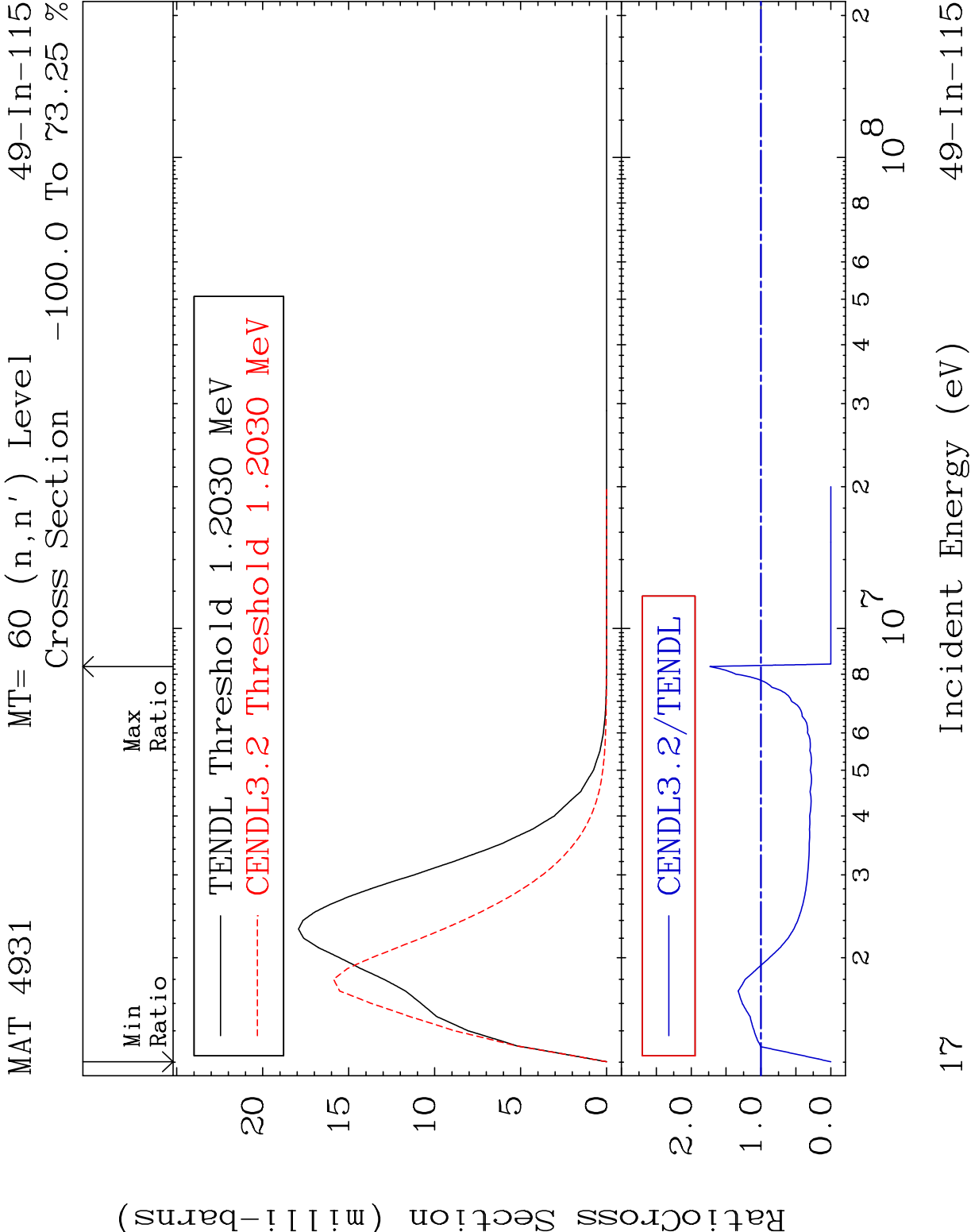


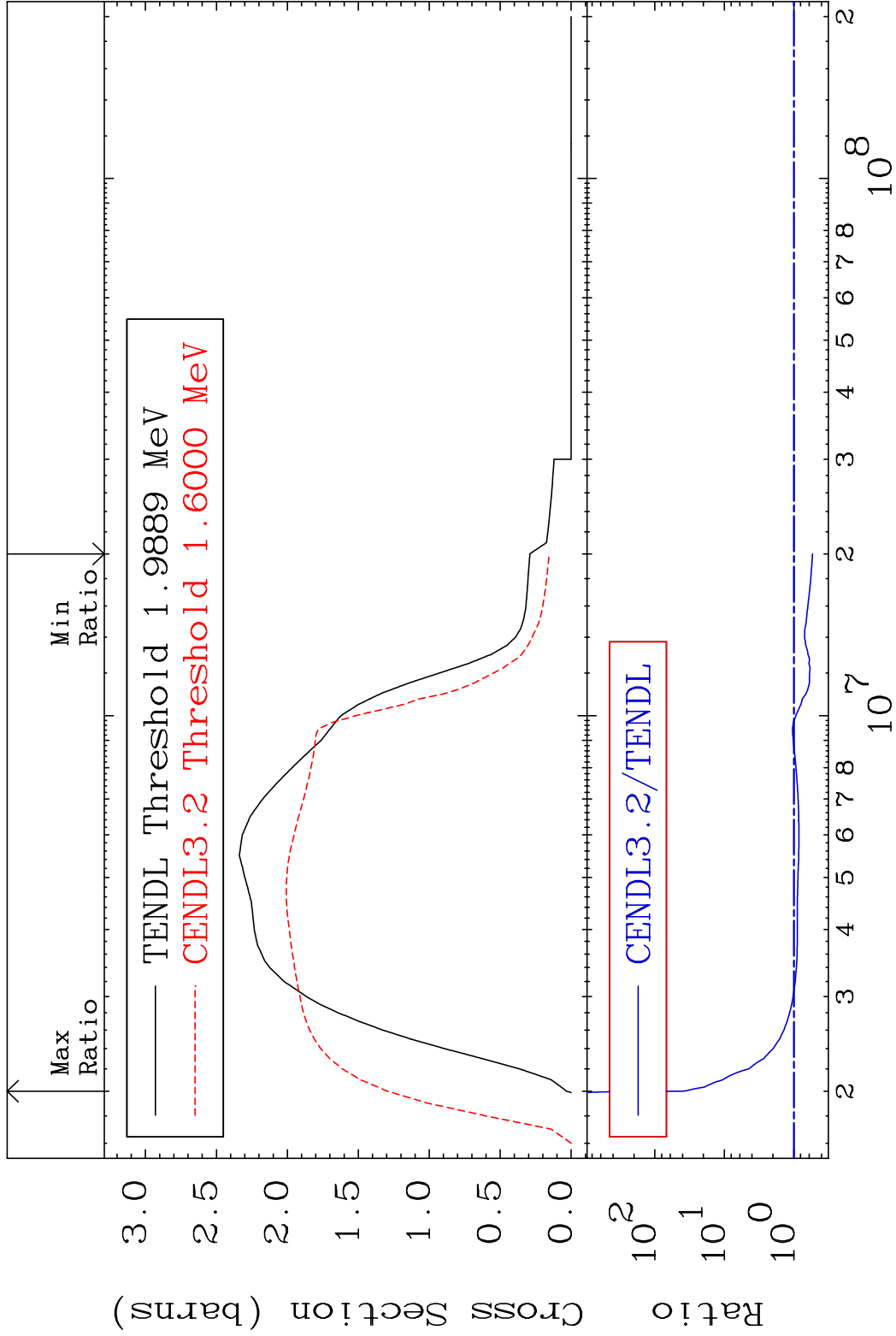
14 Incident Energy (eV) 49-In-115

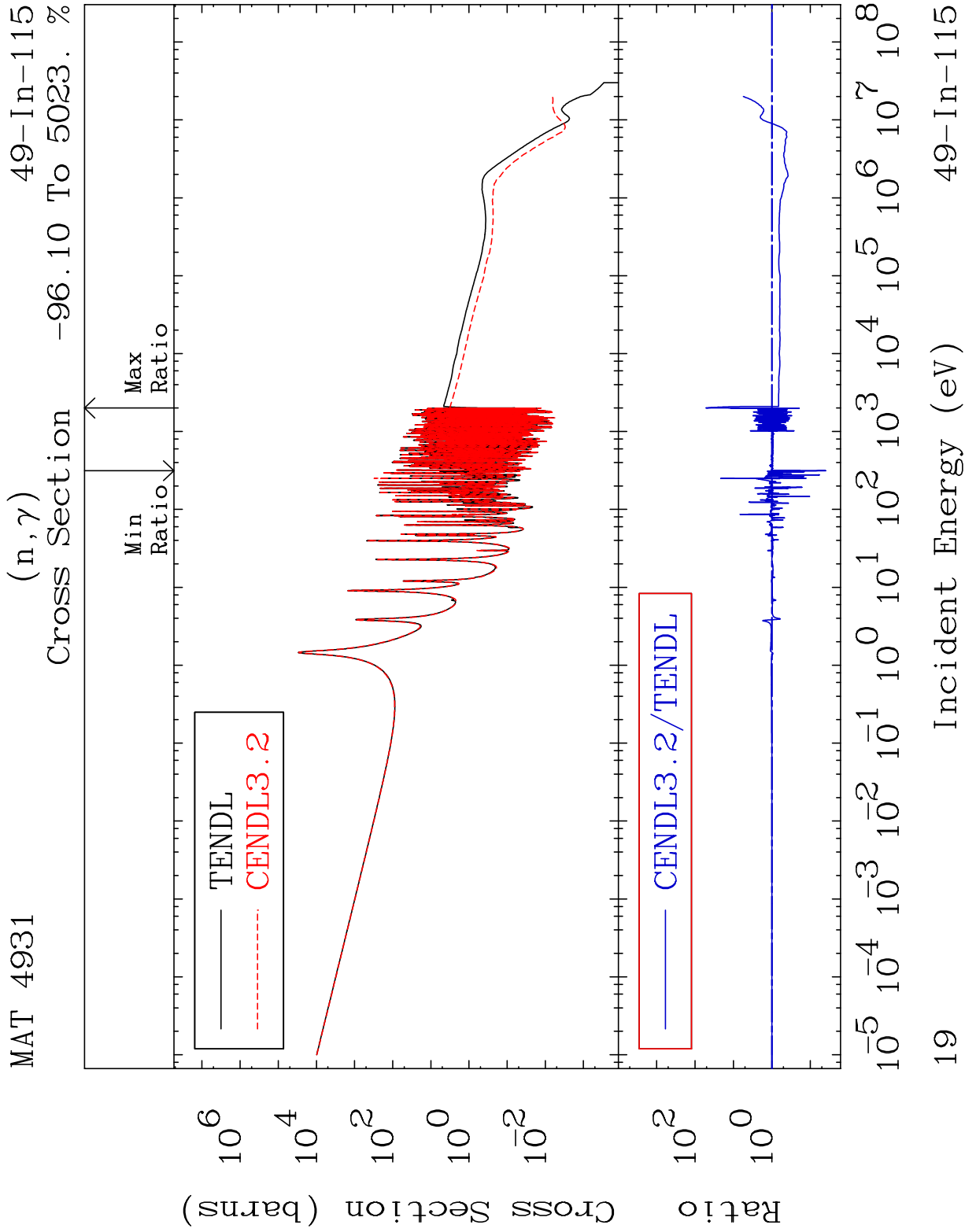
MAT 4931 MT= 58 (n,n') Level 49-In-115
Cross Section -100.0 To 9999. %

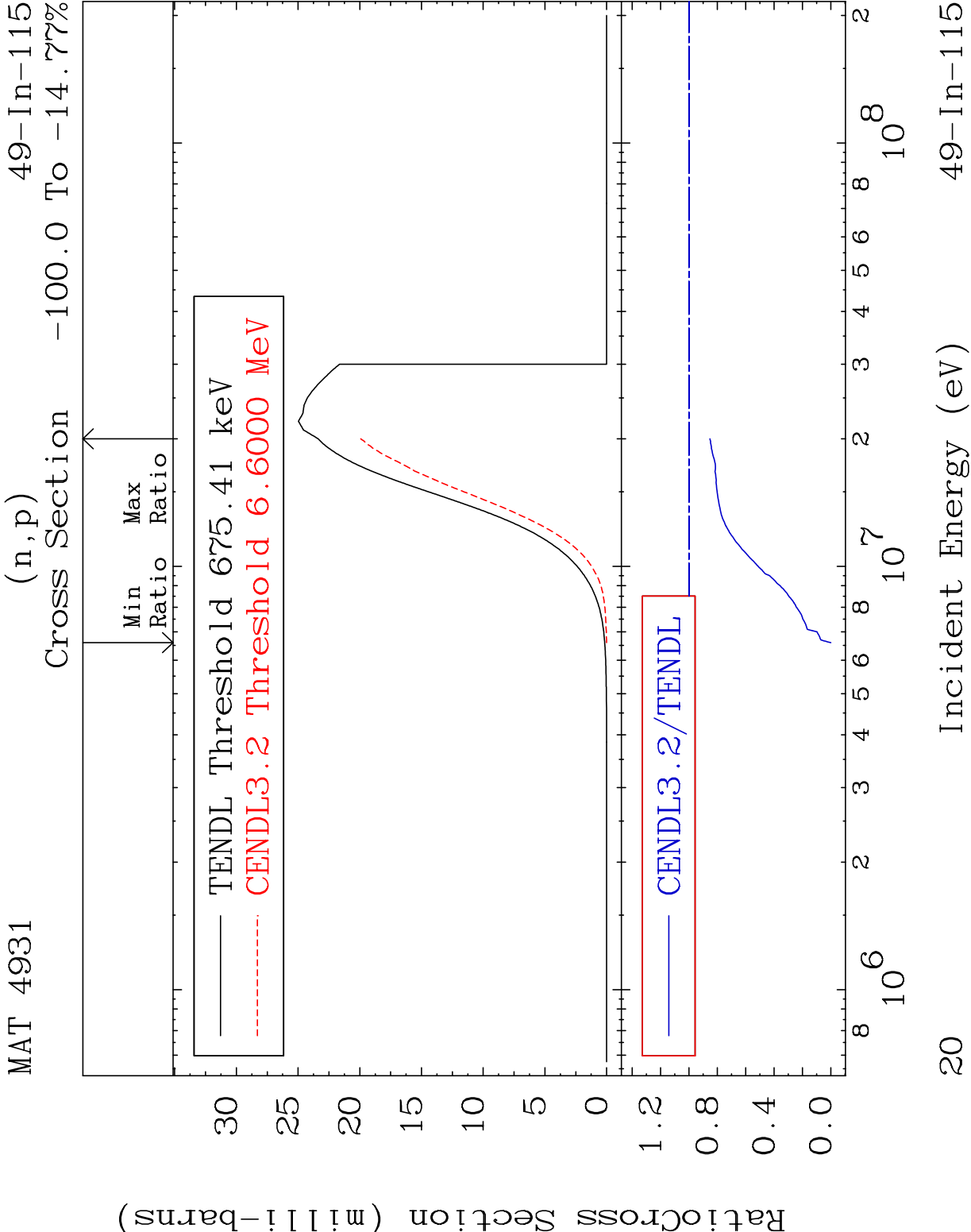


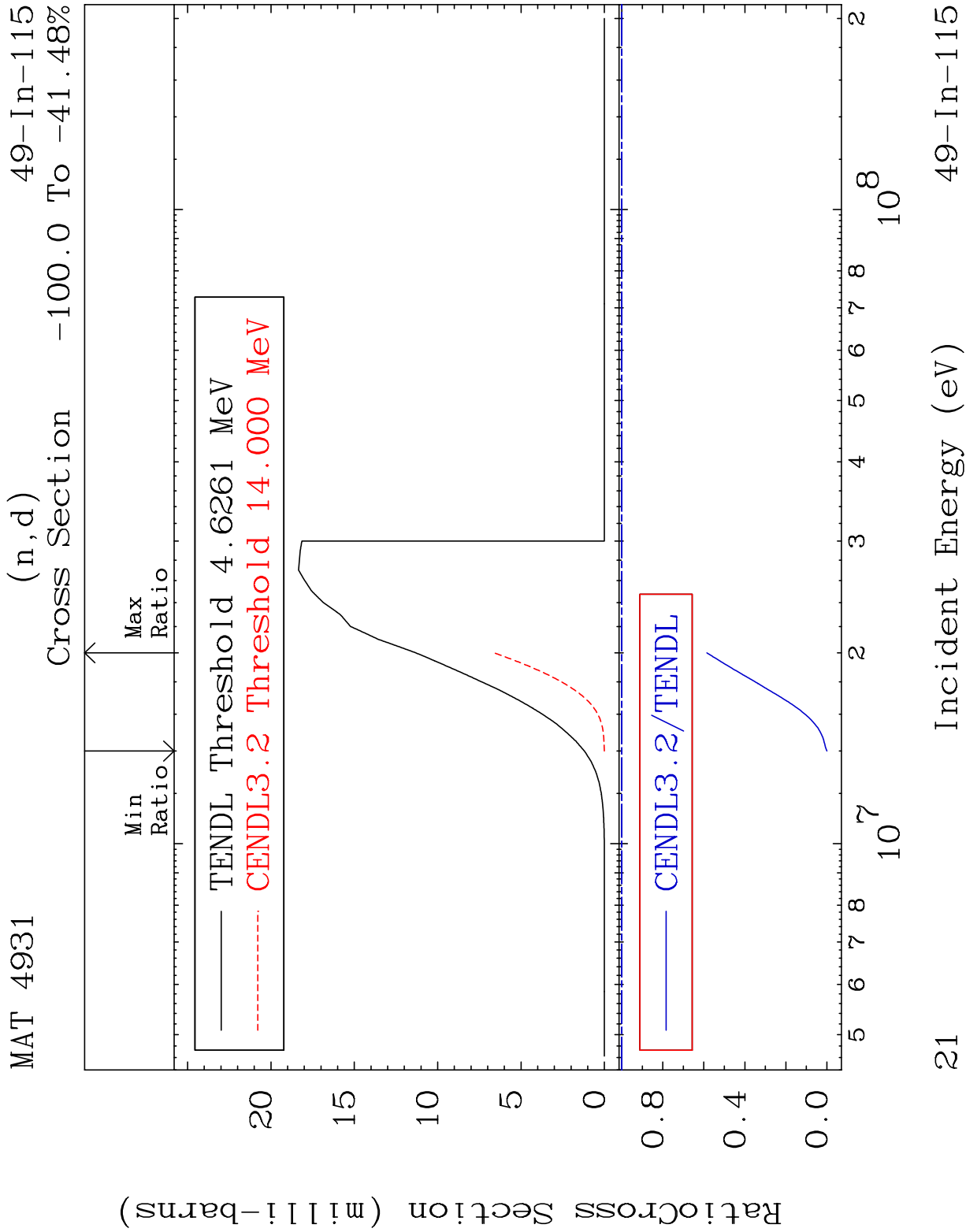


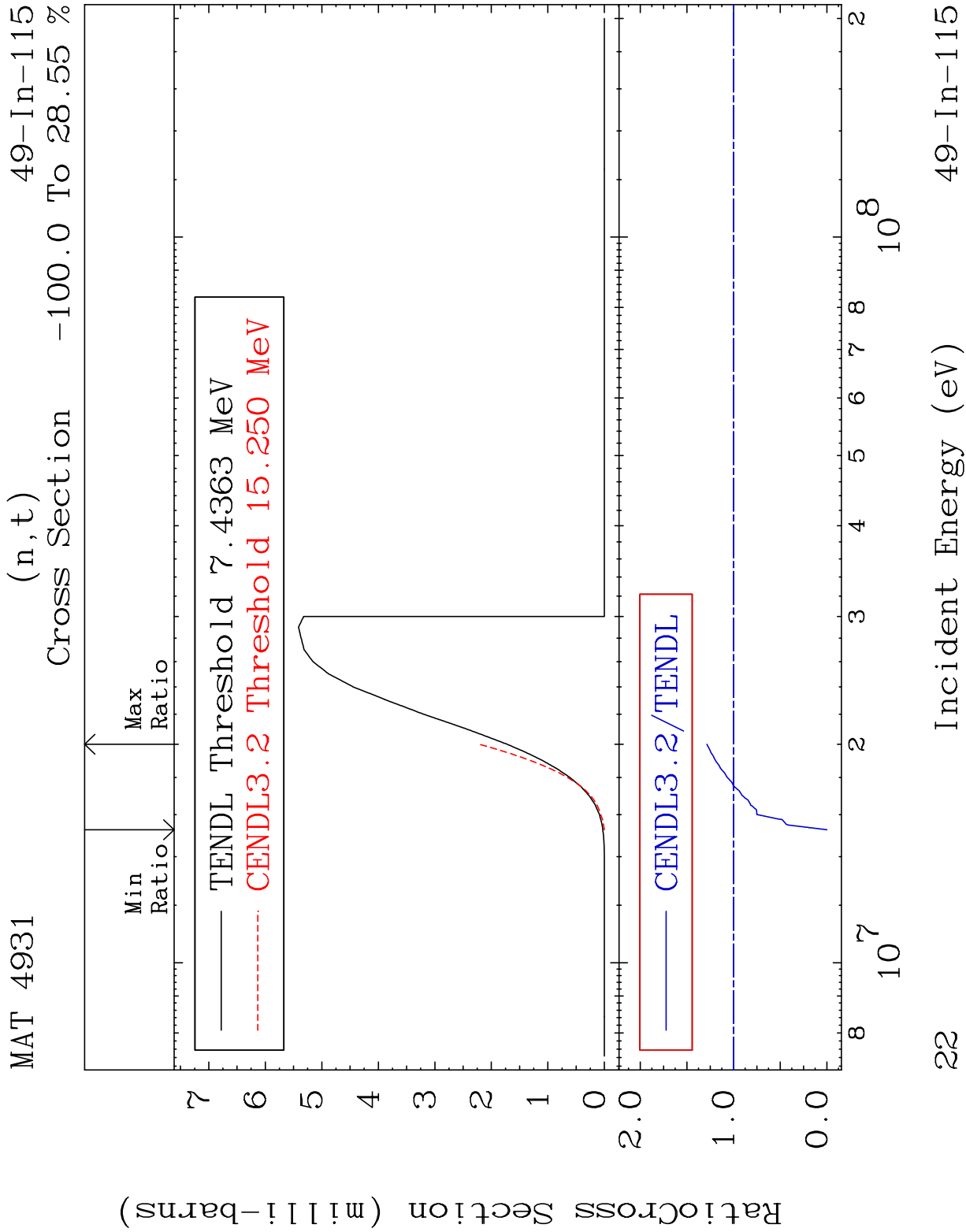


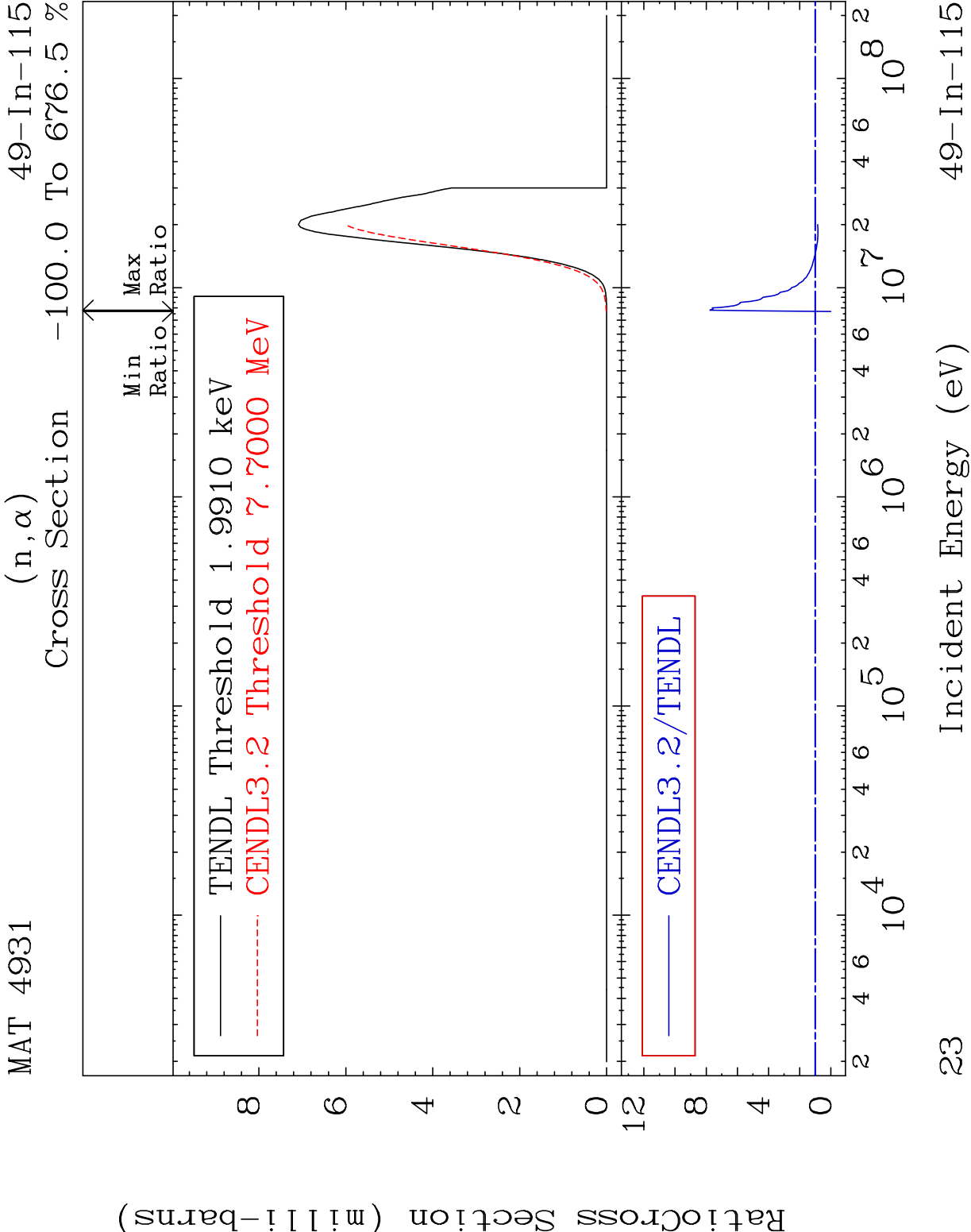


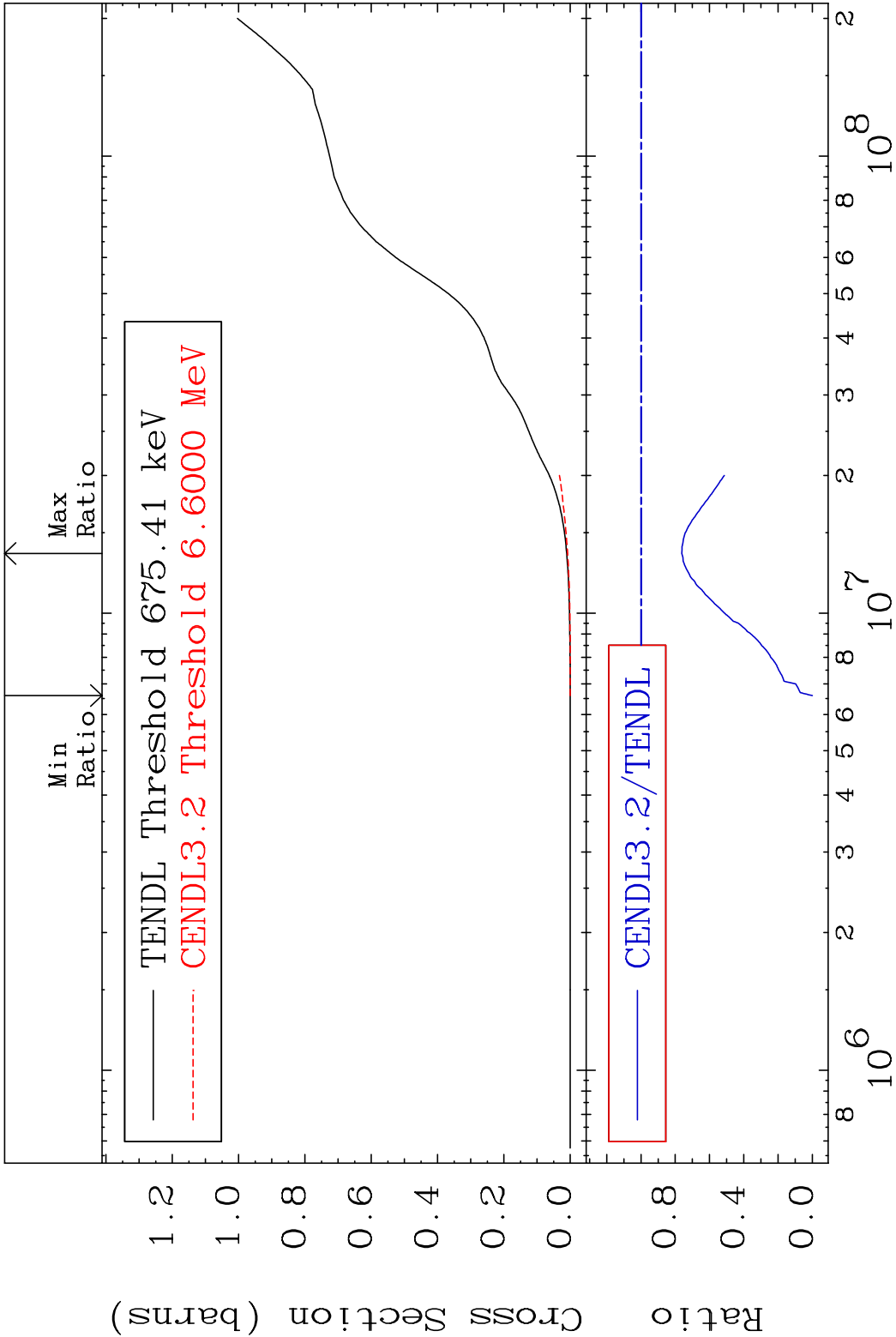


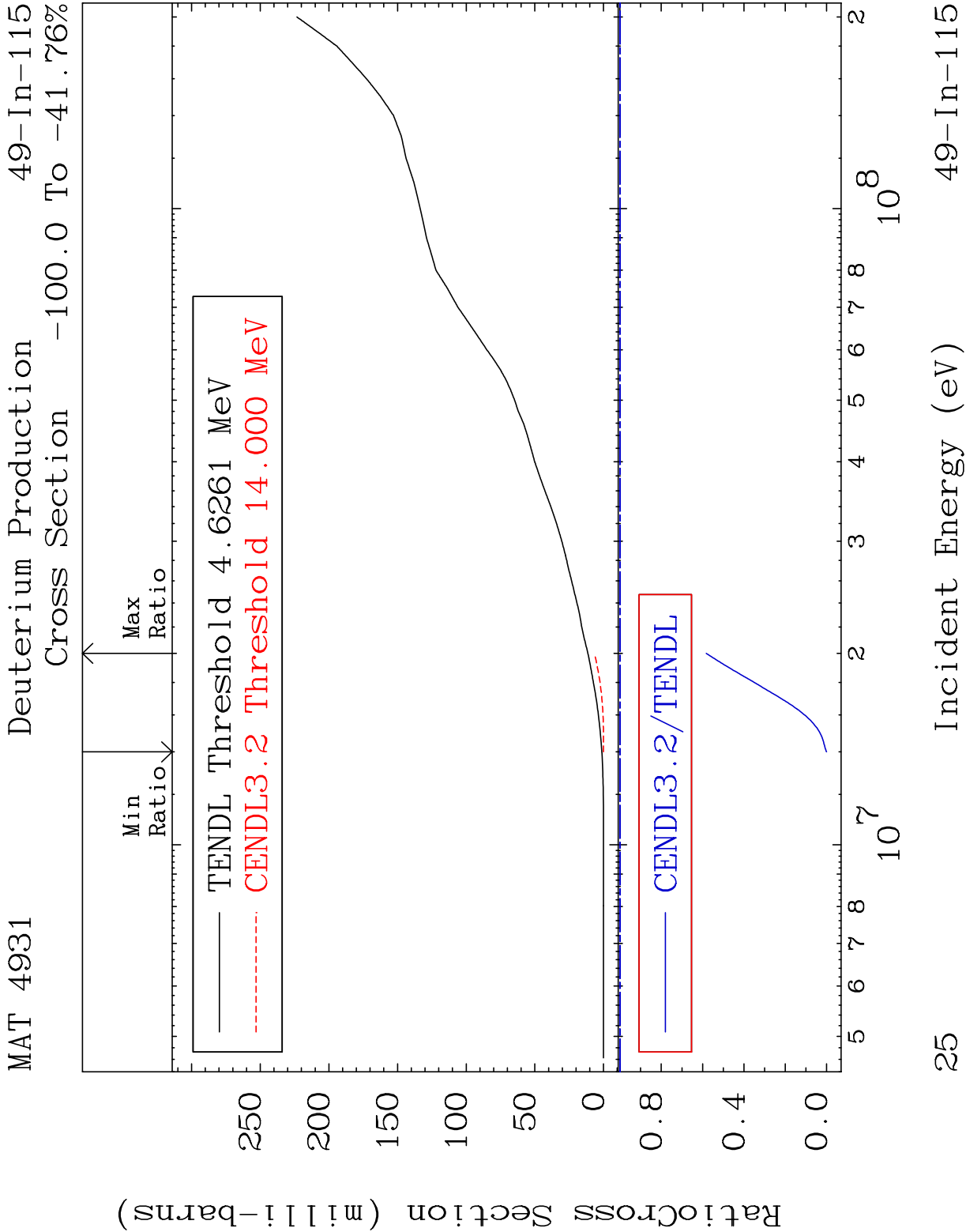










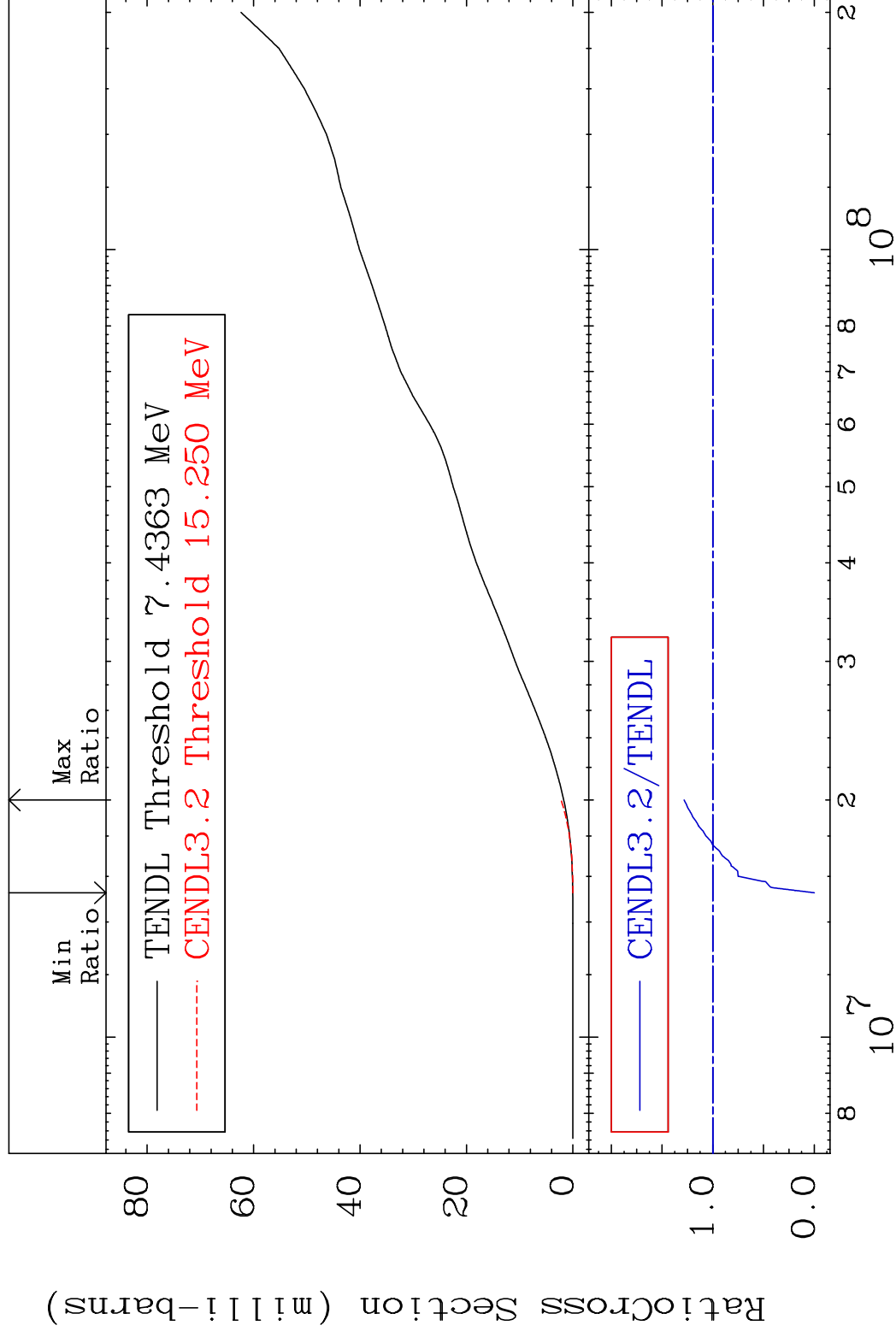


MAT 4931

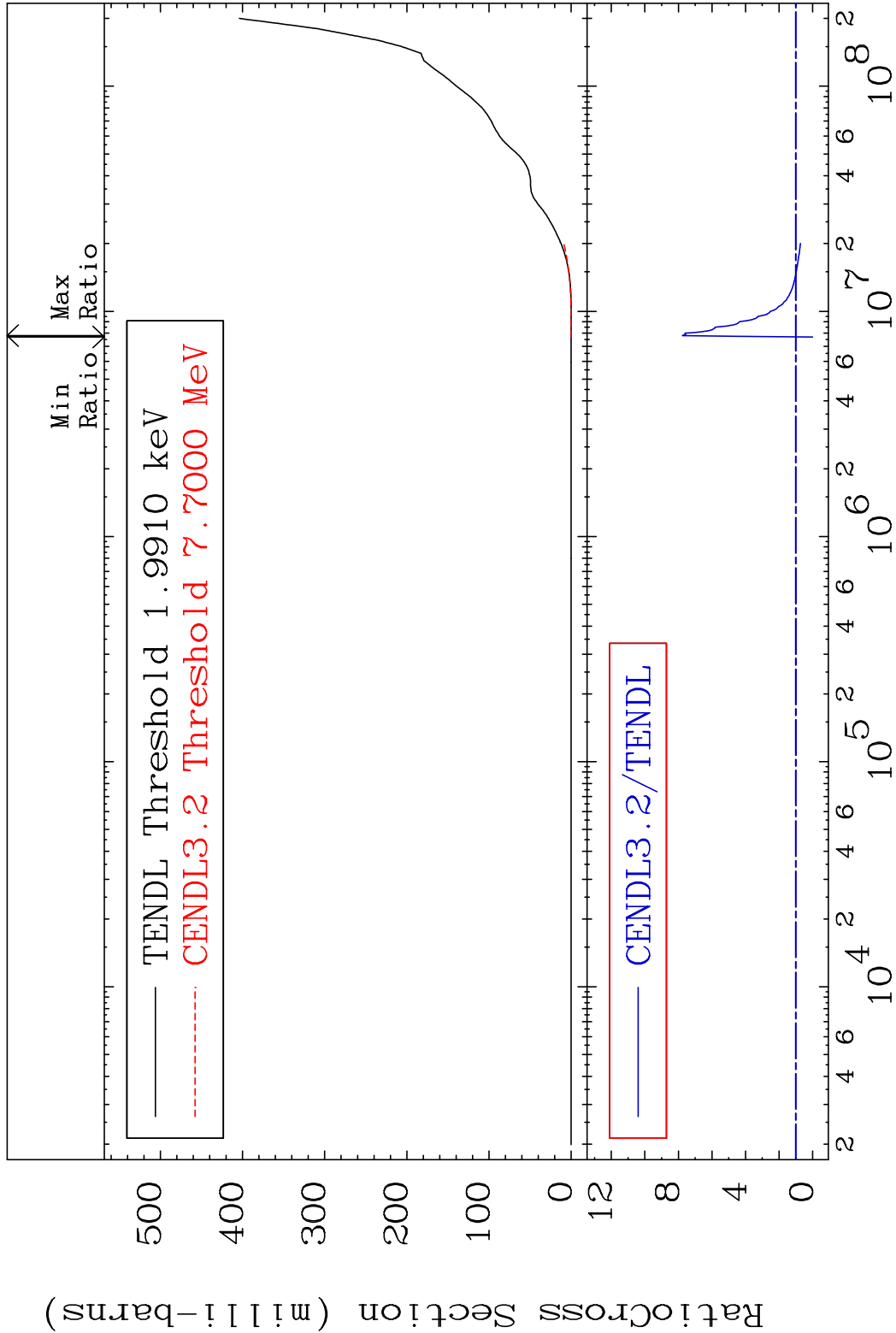
Tritium Production

49-In-115

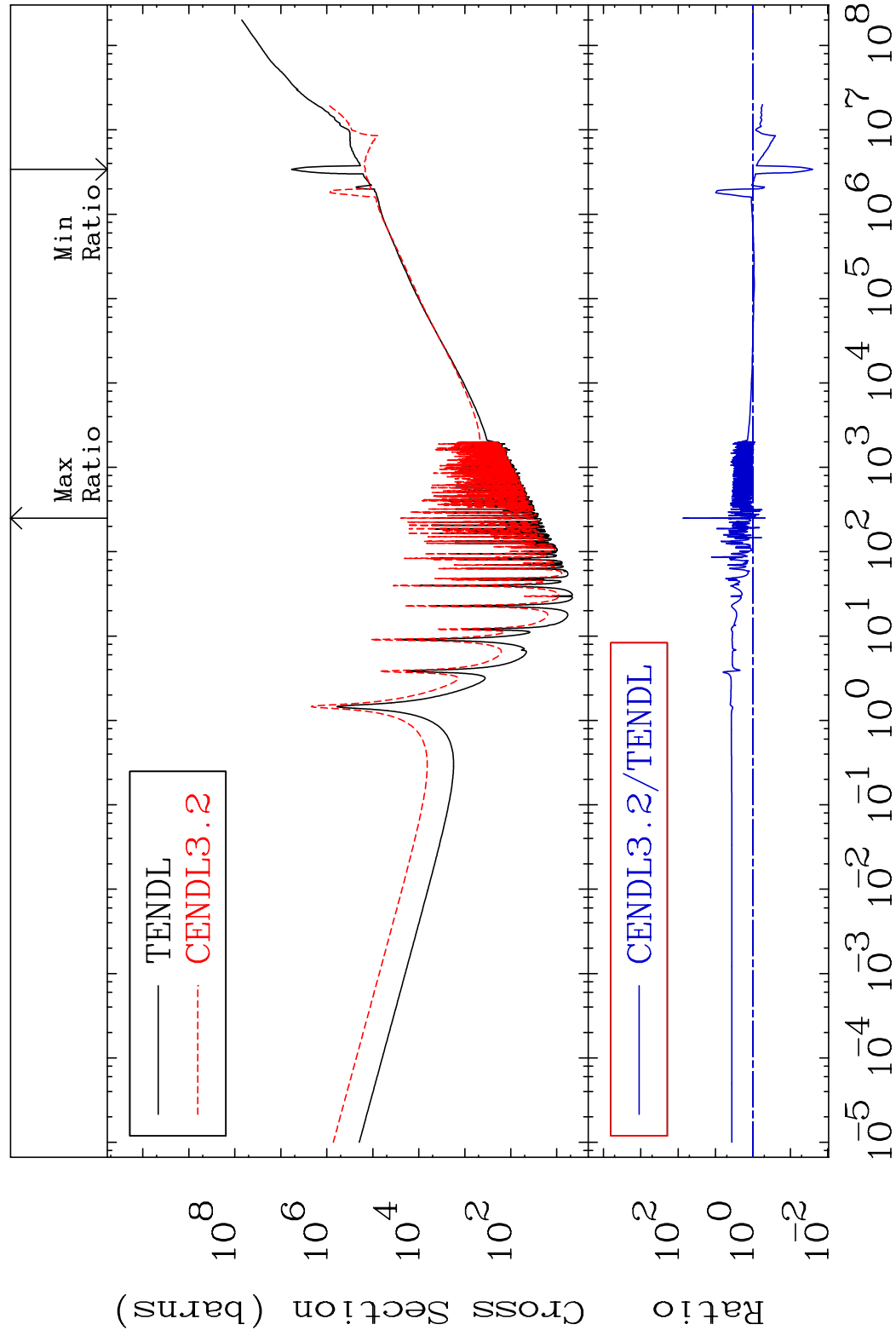
Cross Section	-100.0 To 28.32 %

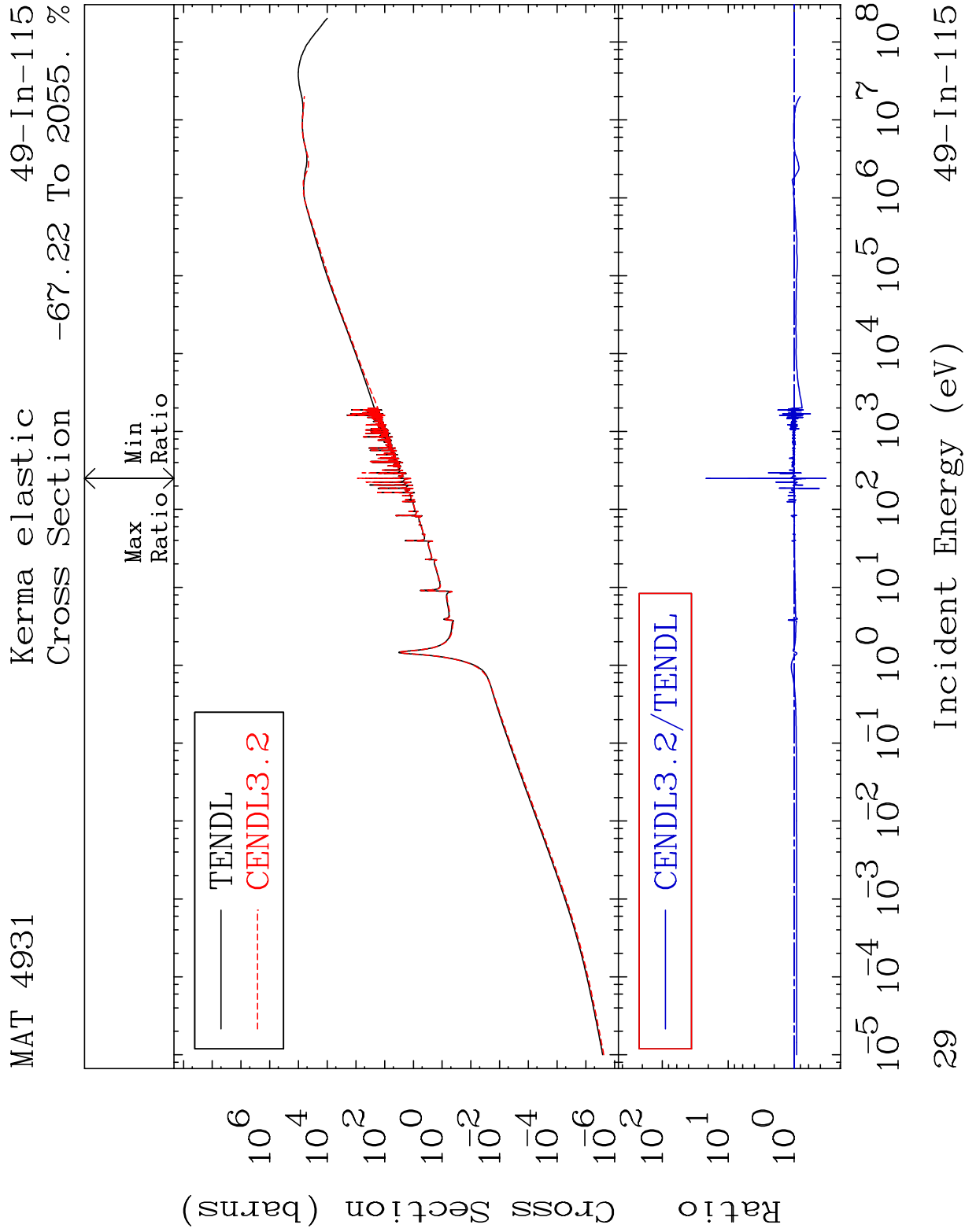


MAT 4931 He-4 Production 49-In-115
 Cross Section -100.0 To 676.5 %

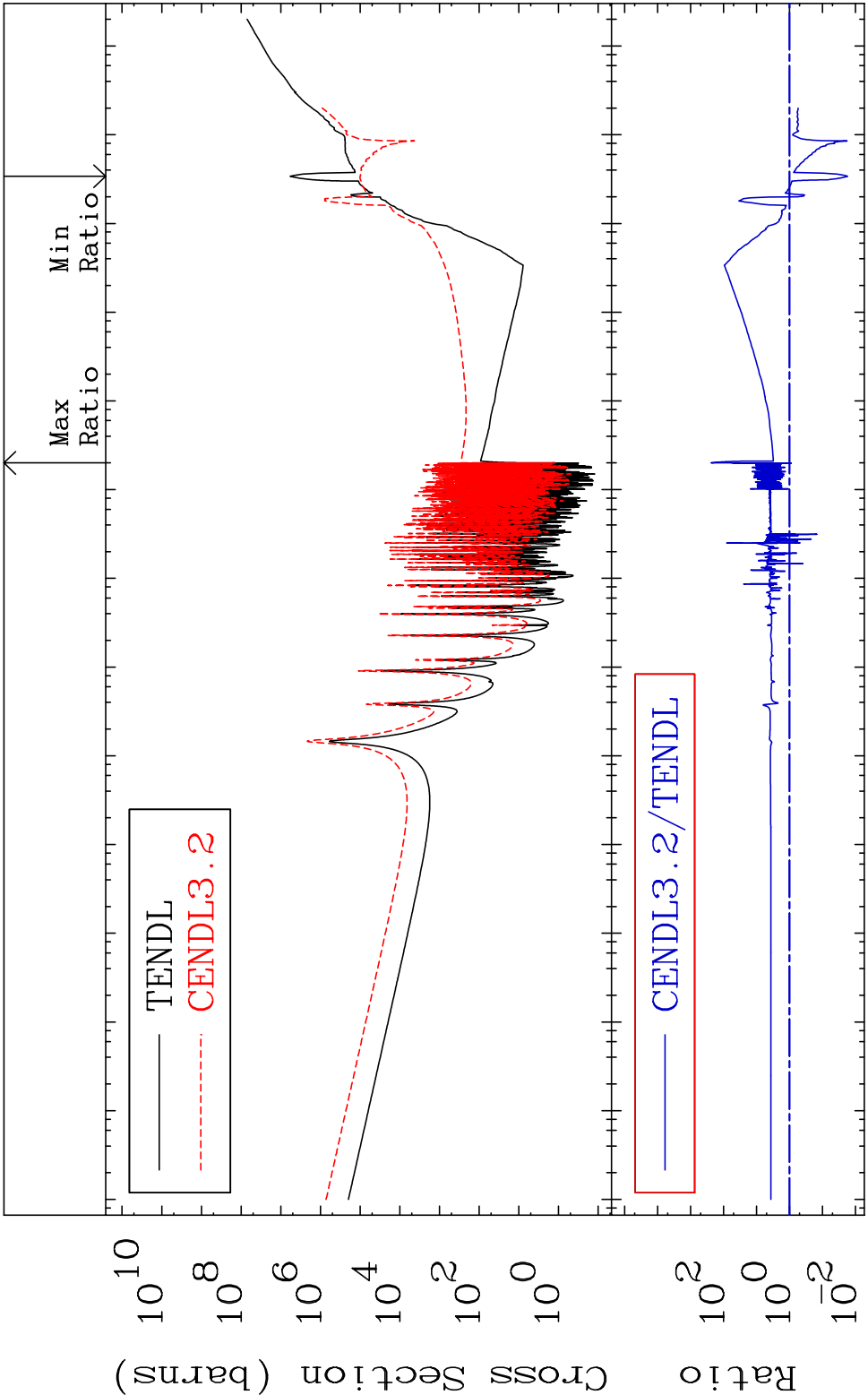


MAT 4931 Kerma total (eV-barns) 49-In-115
 Cross Section -97.50 To 7249. %

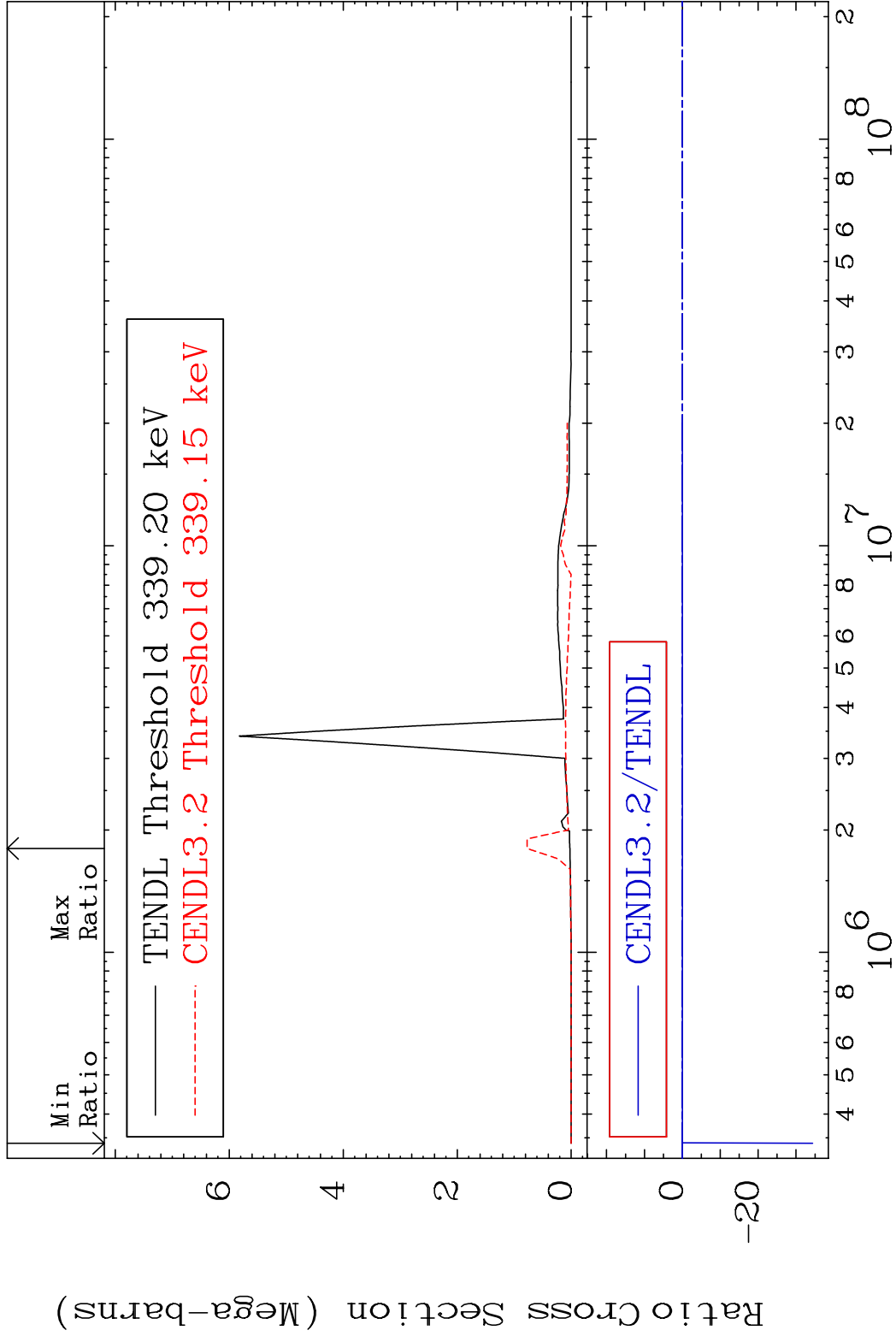




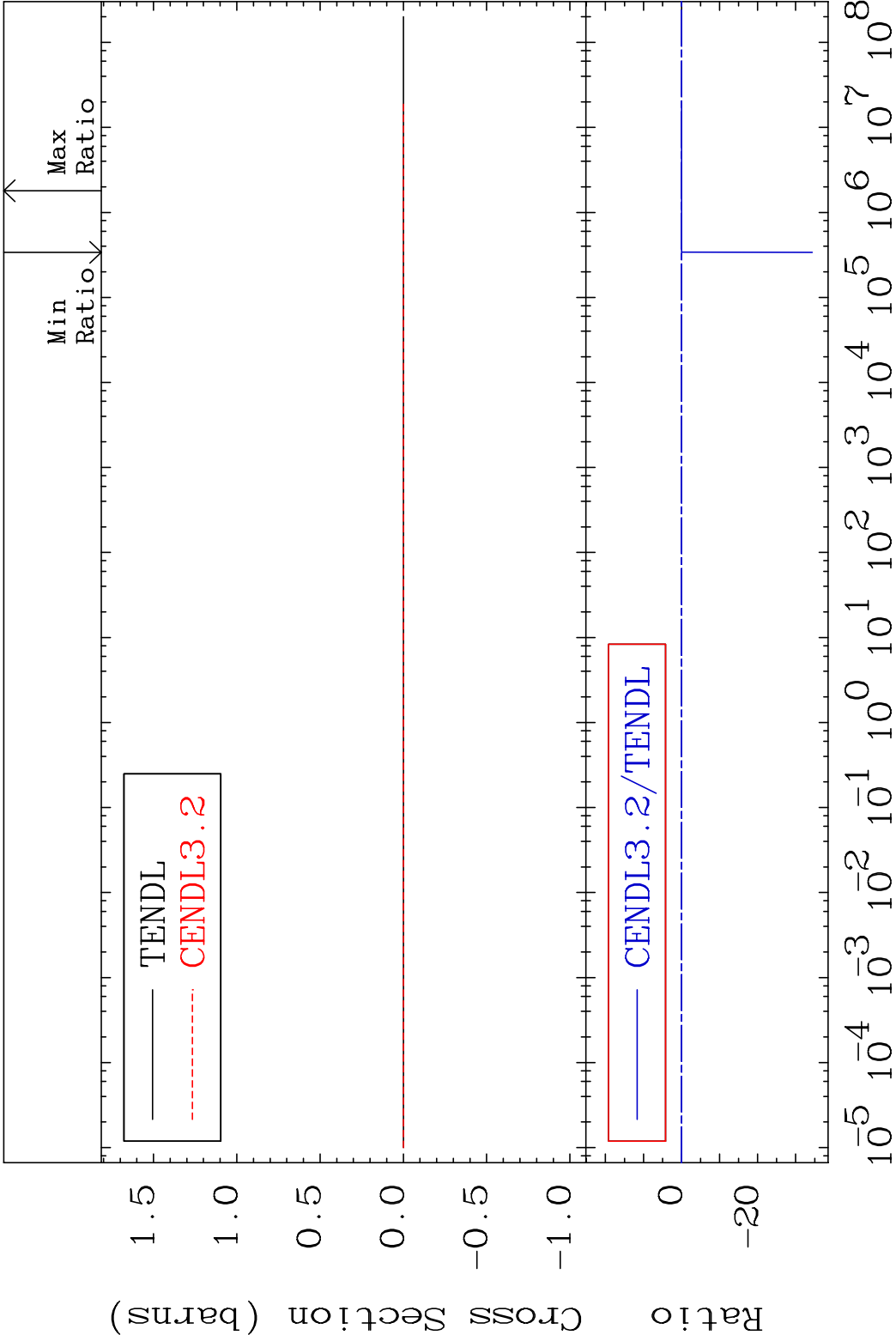
MAT 4931 Kerma non-elastic (all but mt2) 49-In-115
 Cross Section -98.29 To 9999. %



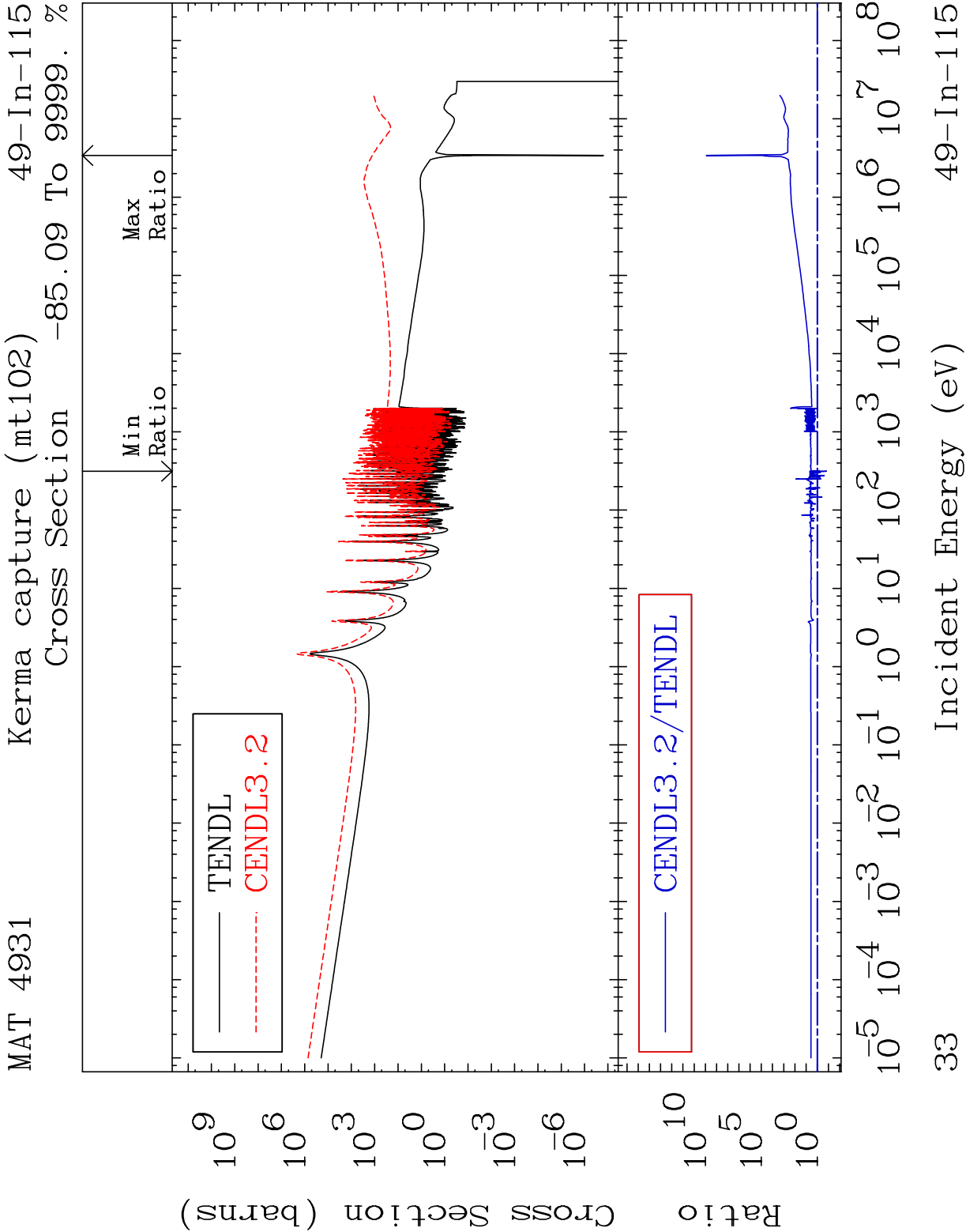
30 Incident Energy (eV) 49-In-115

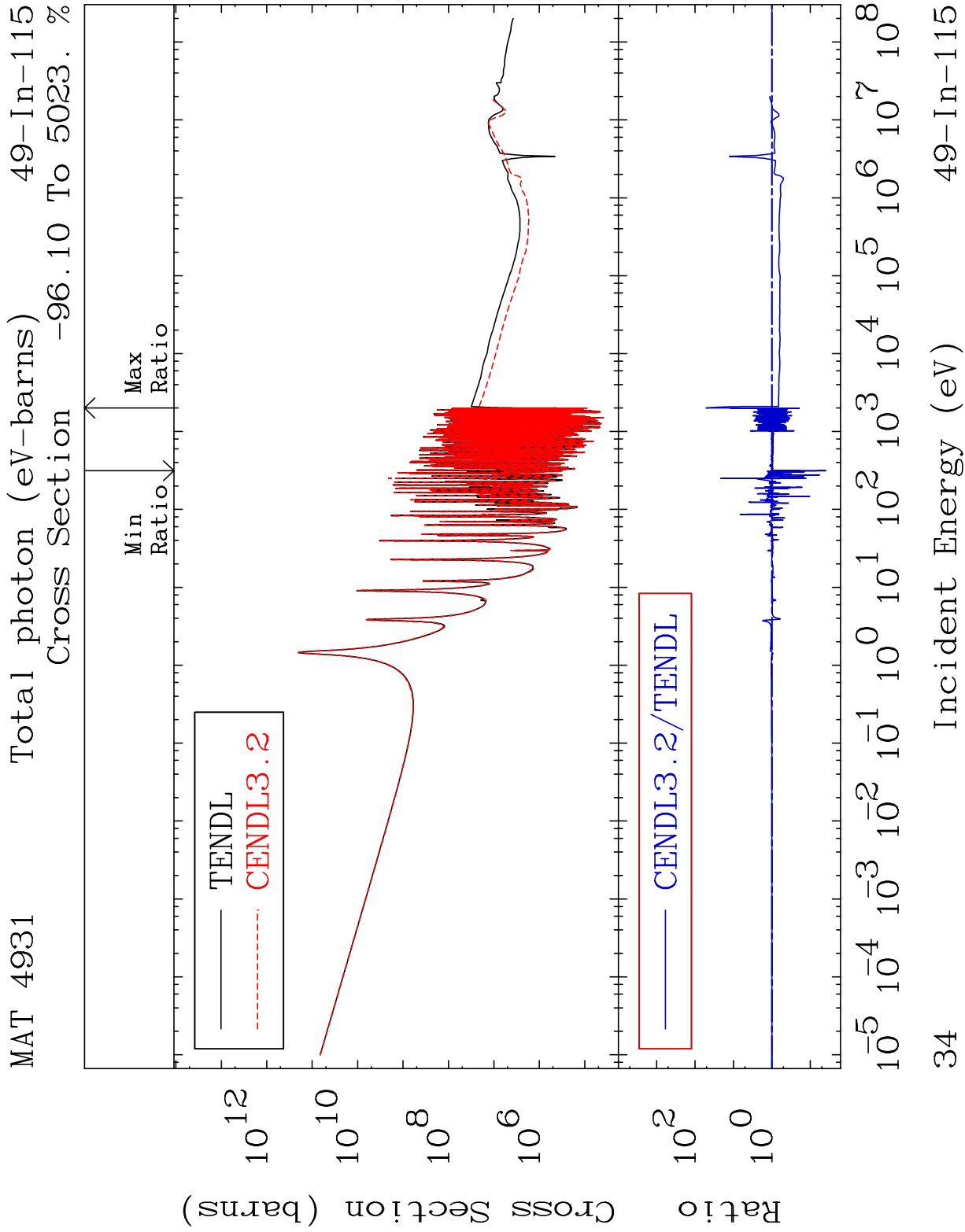


MAT 4931 Kerma fission (mt18 or mt19-20-21-38) 49-In-115
Cross Section -9999. To 3347. %

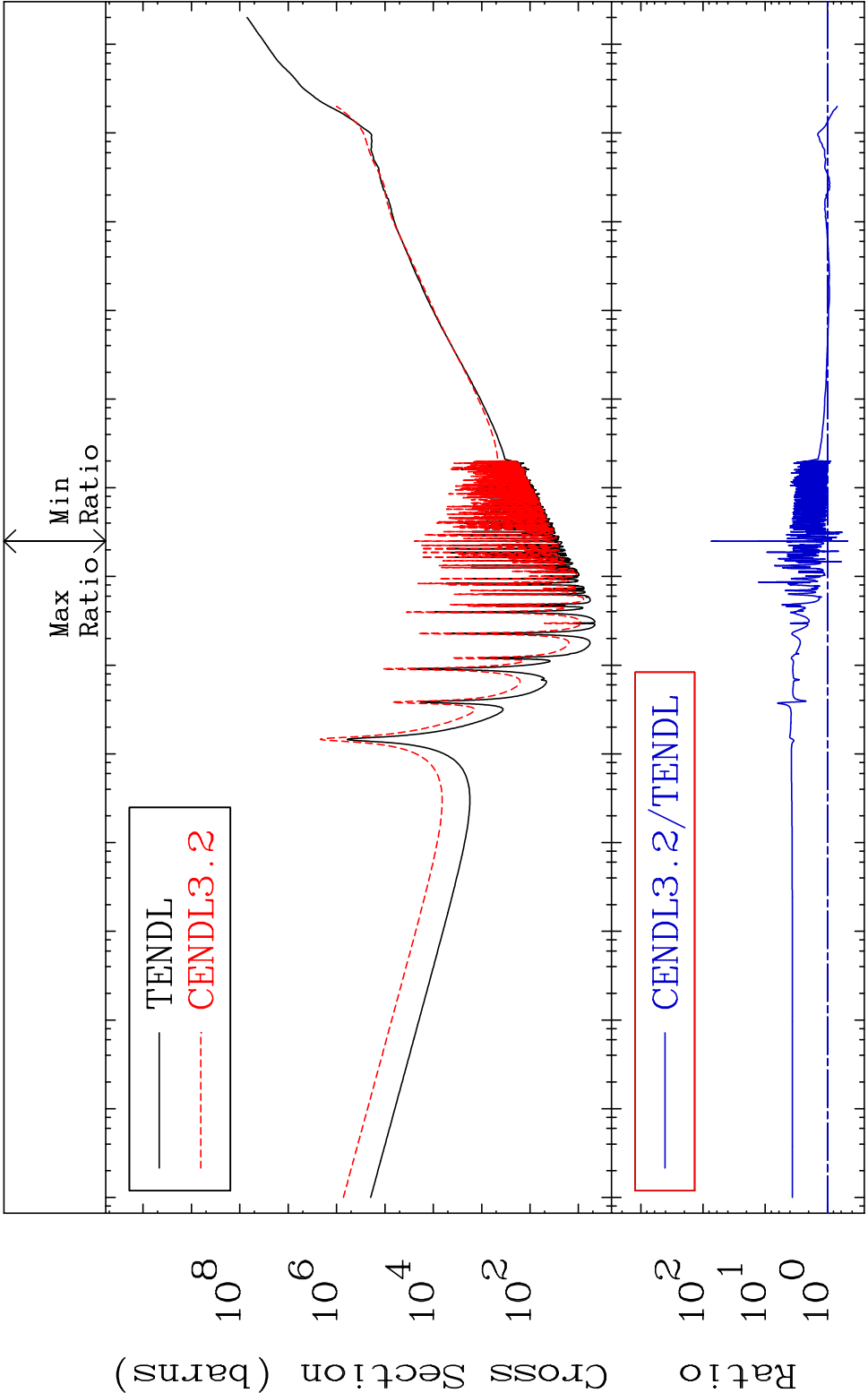


32 Incident Energy (eV) 49-In-115





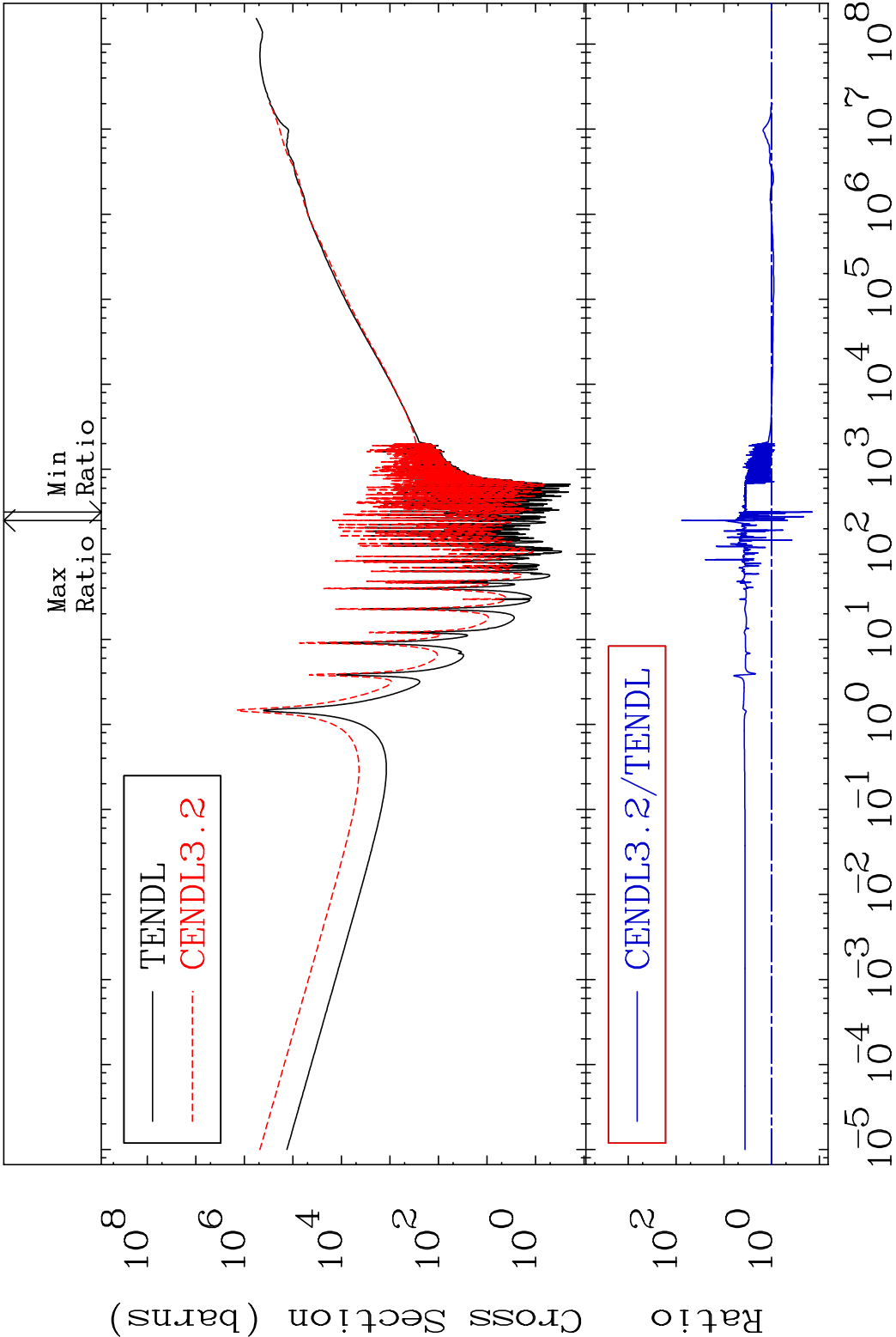
MAT 4931 Total kinematic kerma (high limit) 49-In-115
Cross Section -52.94 To 7249. %



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

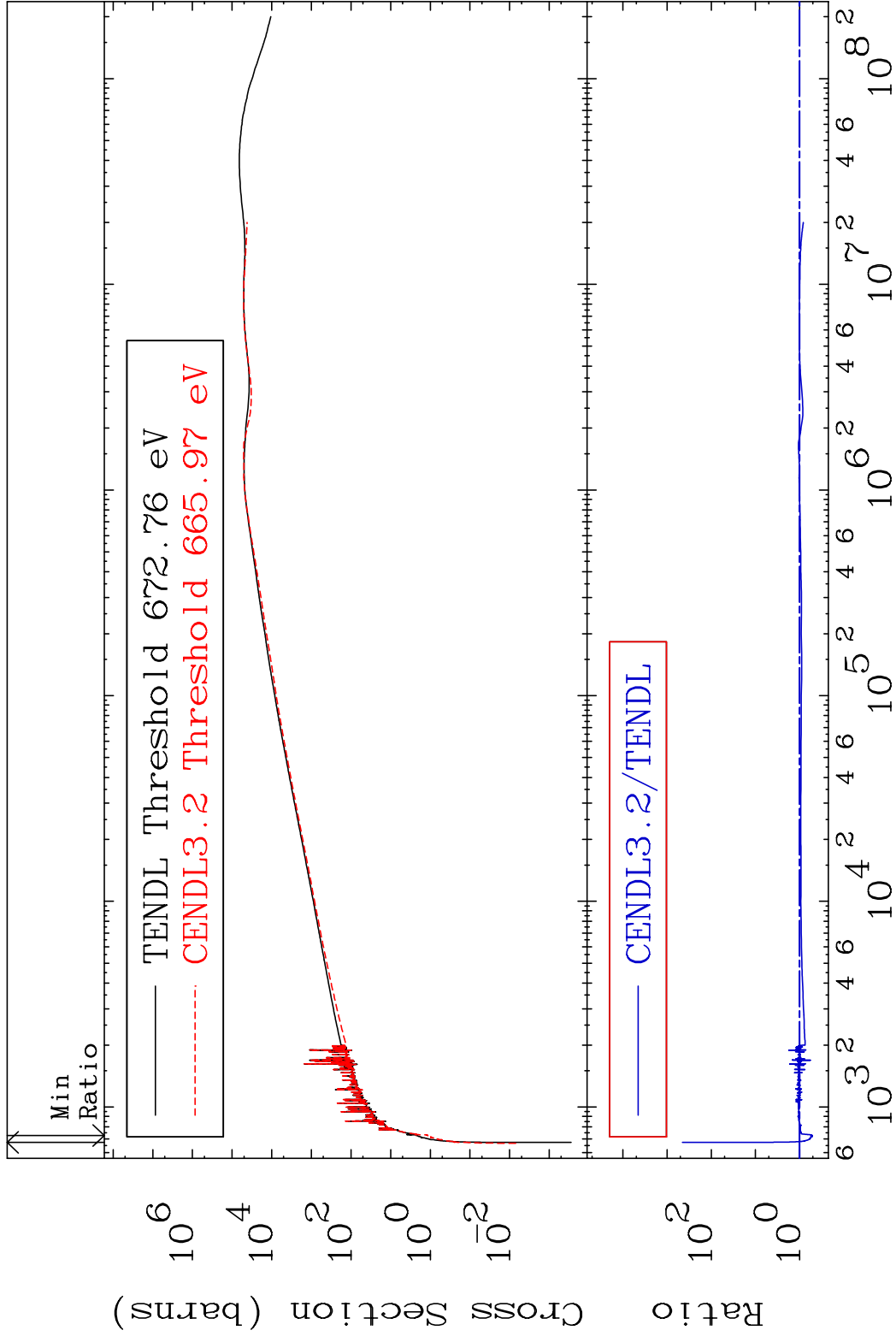
35 Incident Energy (eV) 49-In-115

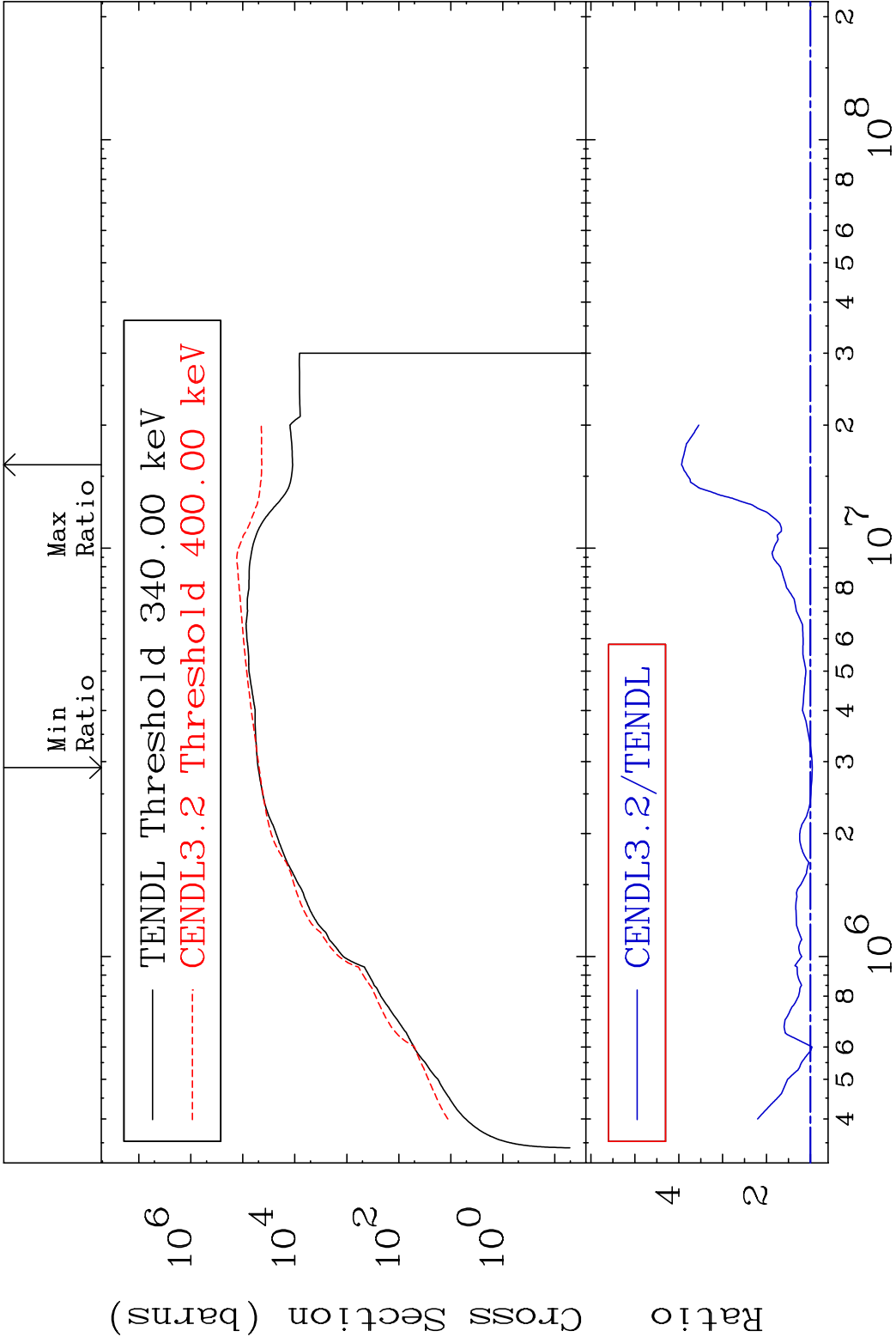
MAT 4931 Dpa total (eV-barns) 49-In-115
Cross Section -85.87 To 7578. %



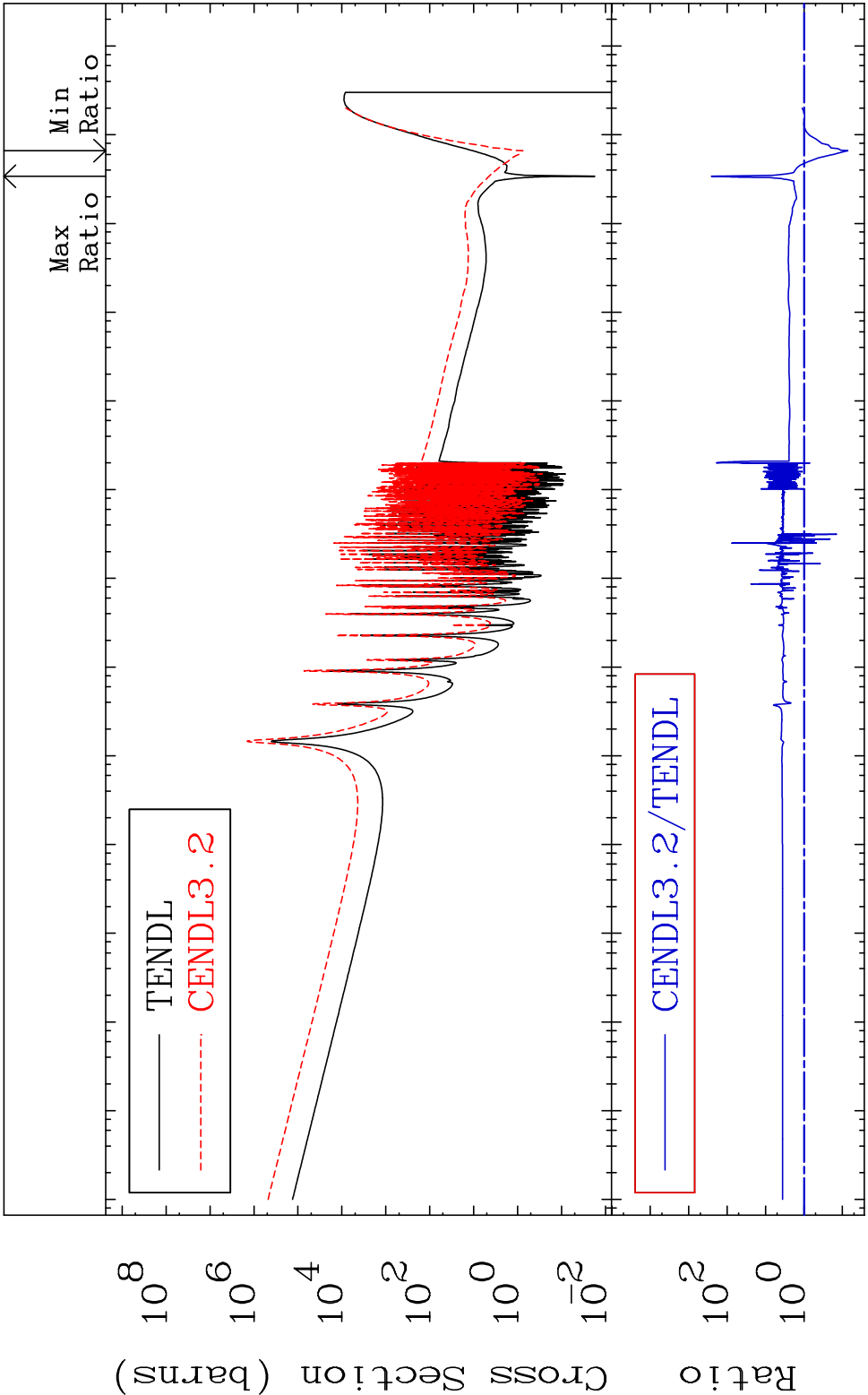
36 Incident Energy (eV) 49-In-115

MAT 4931	Dpa elastic (mt2)	49-In-115
	Cross Section	-49.17 To 9999. %





MAT 4931 Dpa disappearance (mt102 -120) 49-In-115
 Cross Section -92.75 To 9999. %



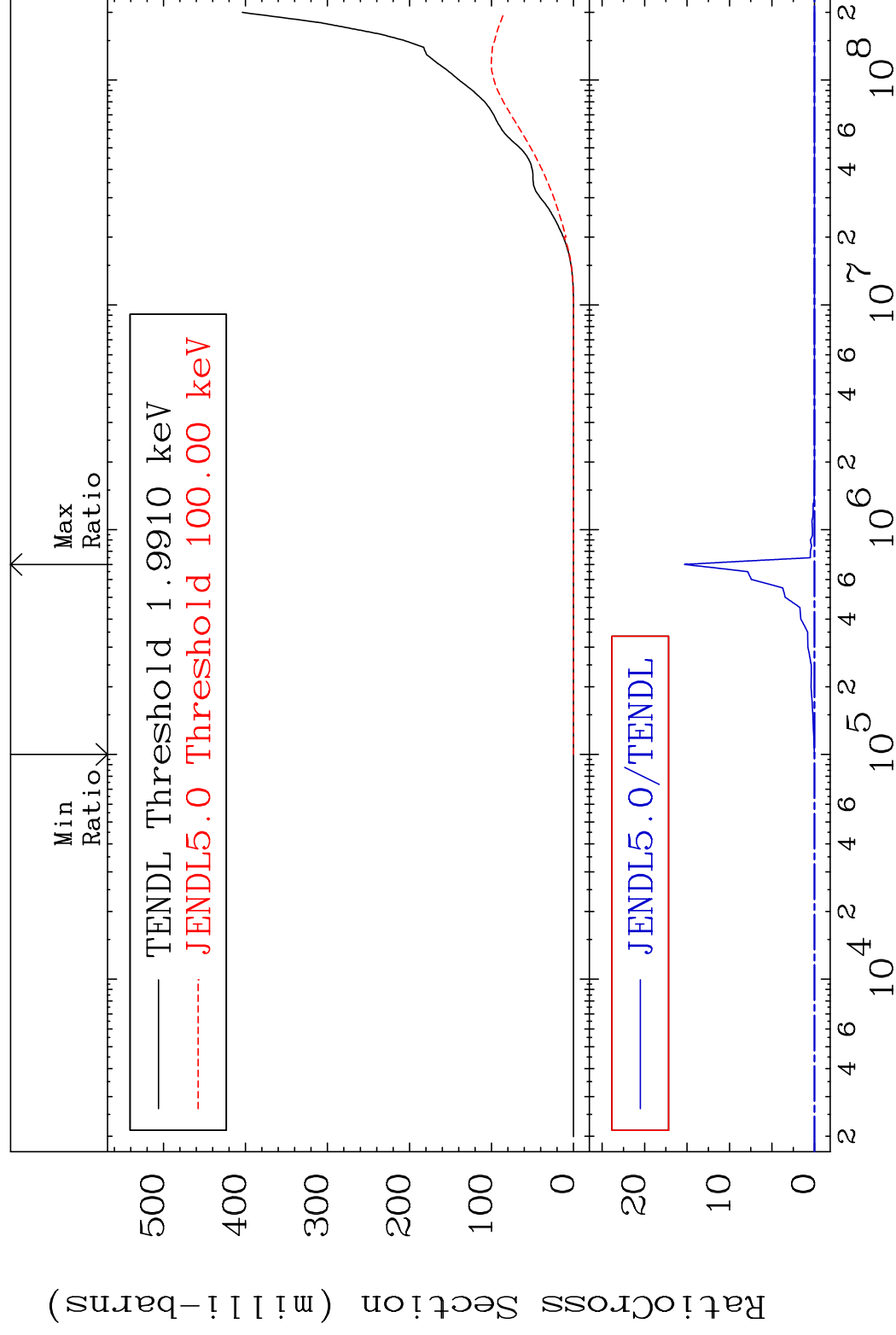
39 Incident Energy (eV) 49-In-115

MAT 4931

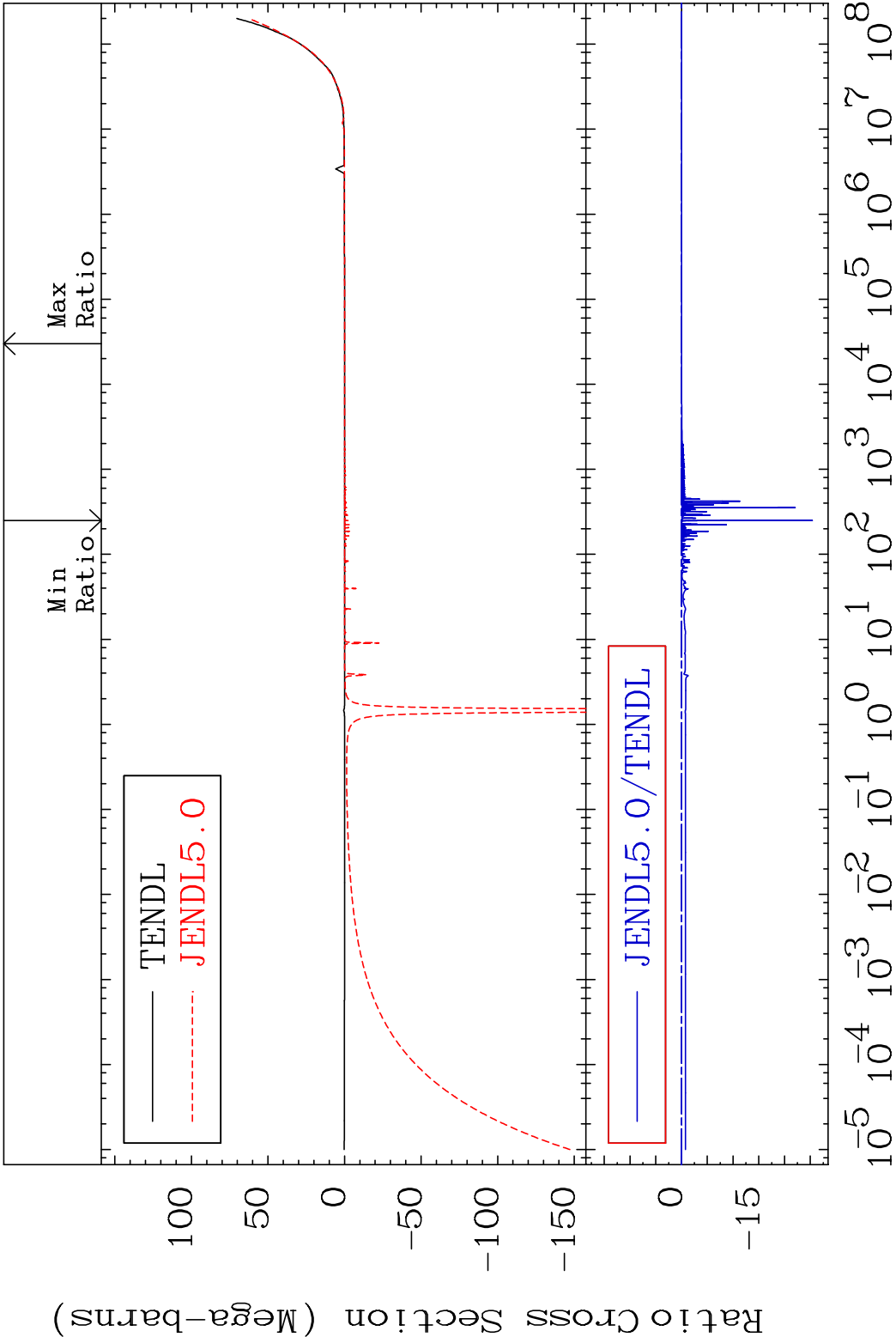
He-4 Production

49-In-115

Cross Section -100.0 To 9999. %

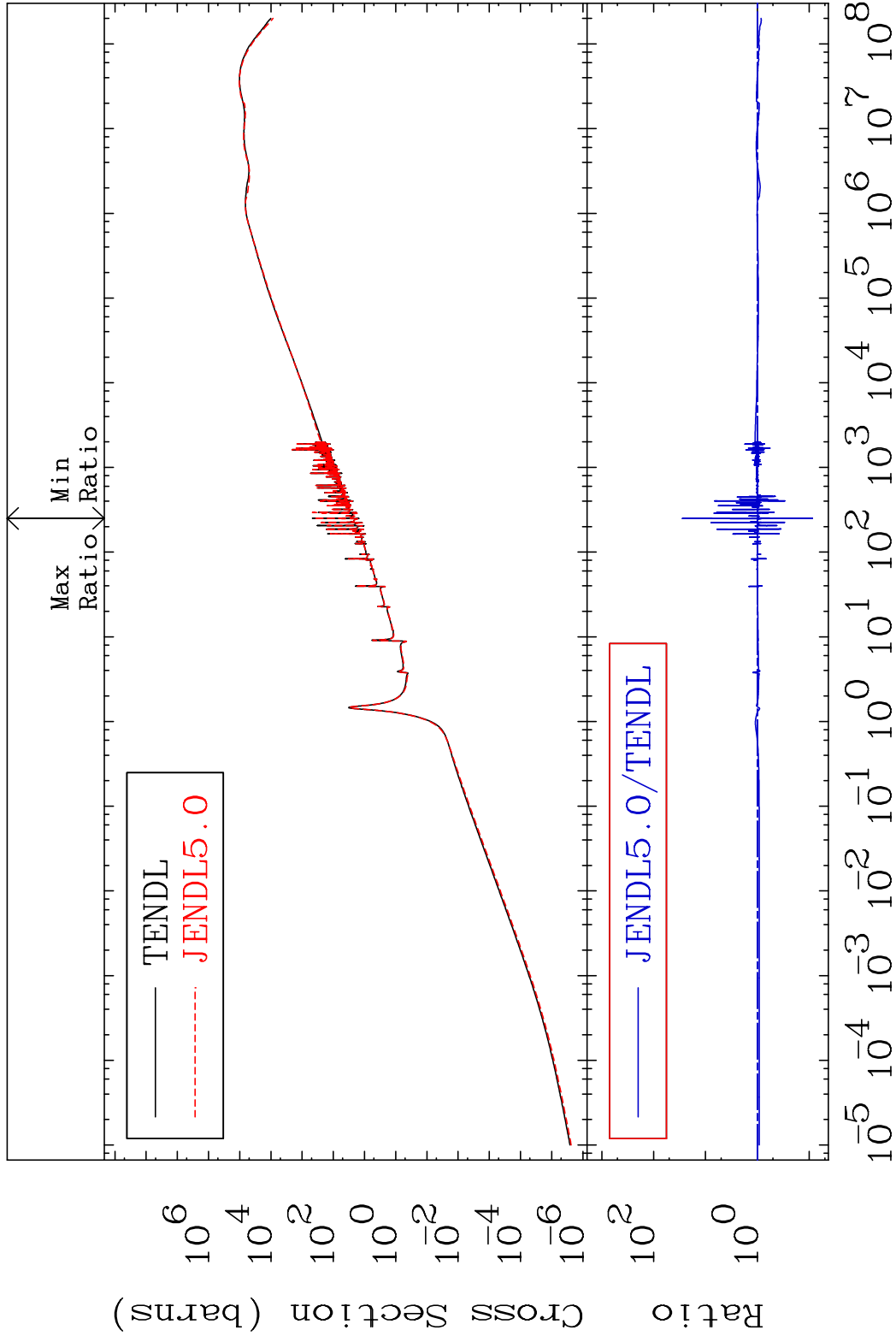


MAT 4931 Kerma total (eV-barns) 49-In-115
Cross Section -9999. To 366.6 %



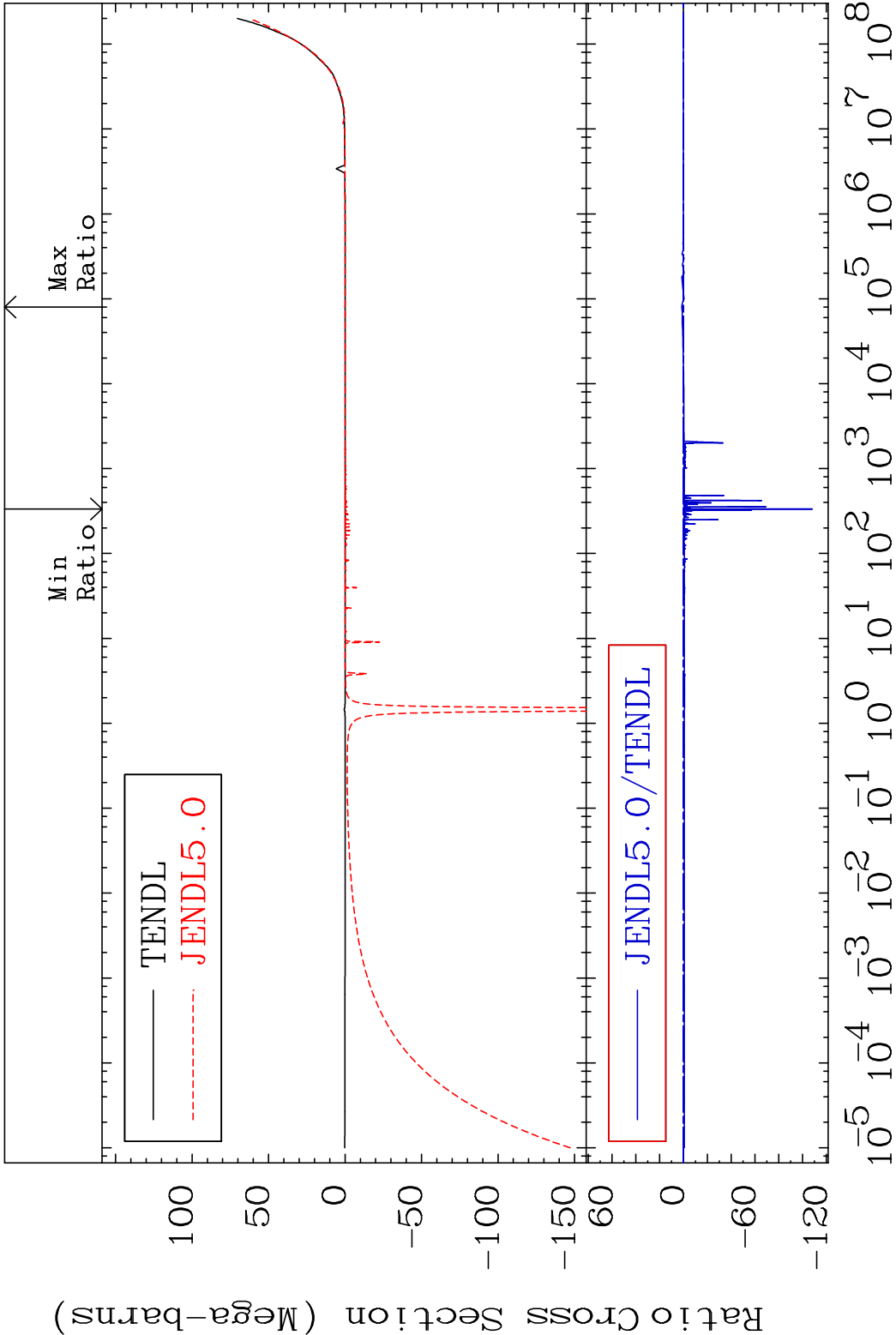
41 Incident Energy (eV) 49-In-115

MAT 4931 Kerma elastic 49-In-115
Cross Section -91.38 To 2696. %



42 Incident Energy (eV) 49-In-115

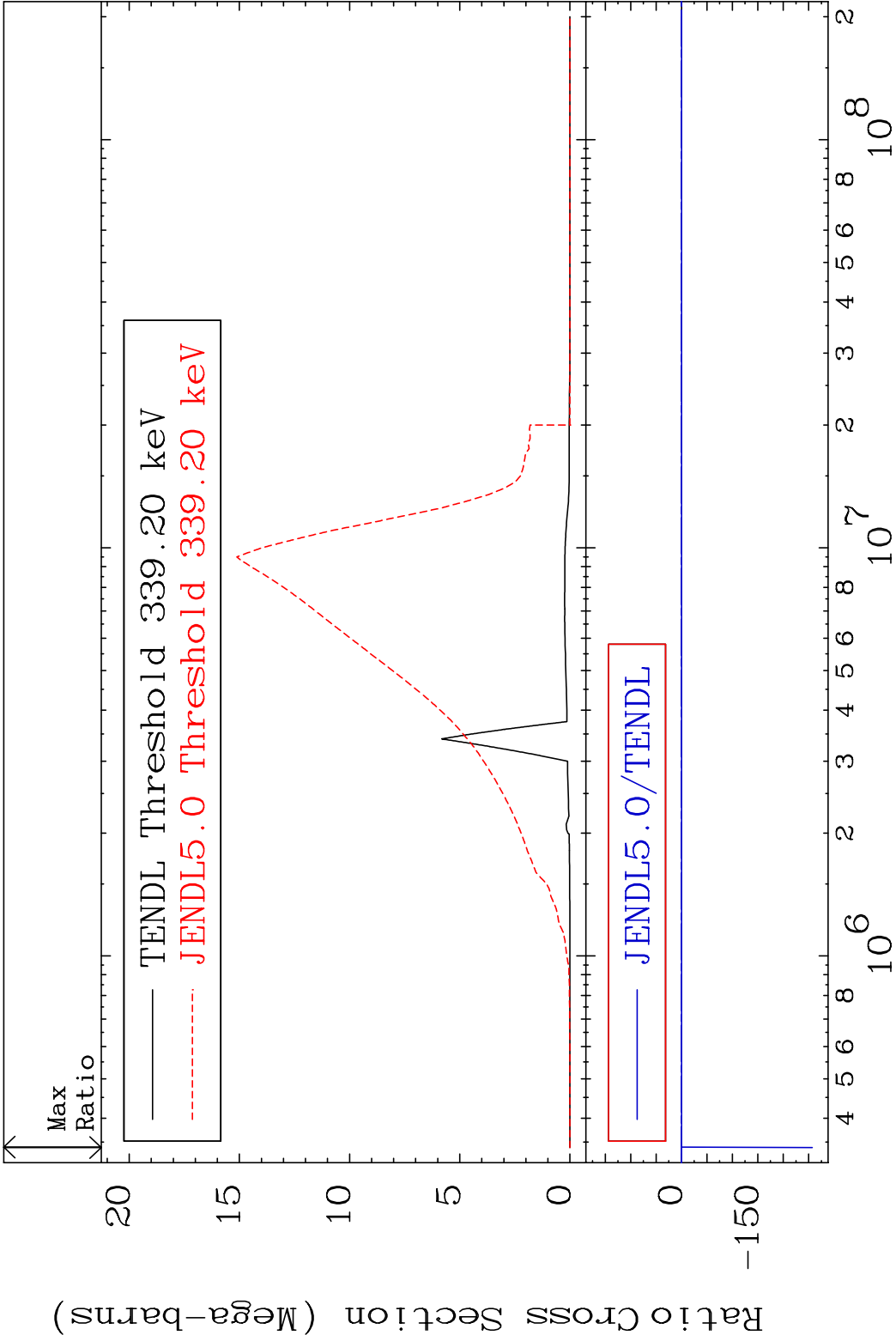
MAT 4931 Kerma non-elastic (all but mt2) 49-In-115
Cross Section -9999. To 9999. %



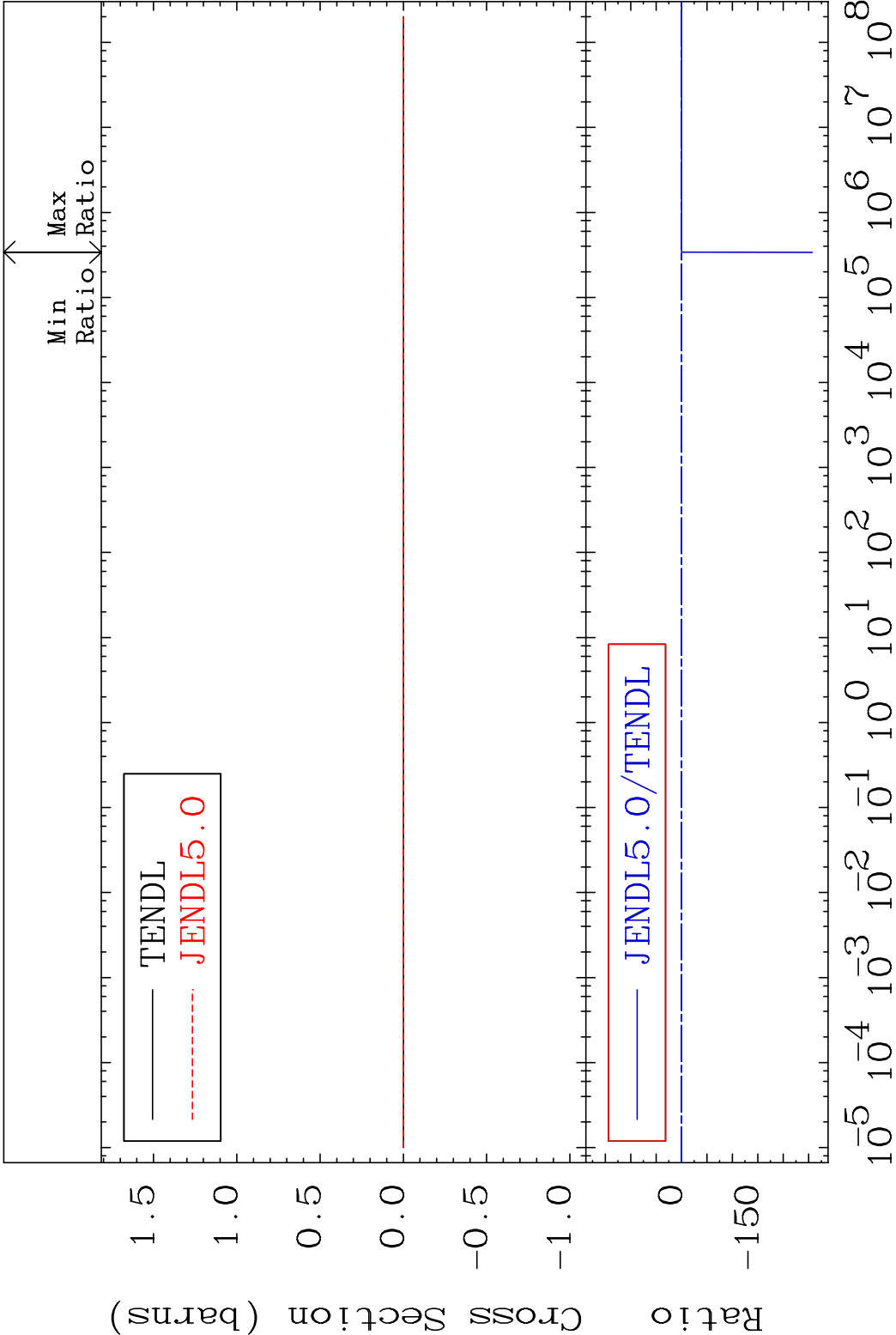
43

Incident Energy (eV)

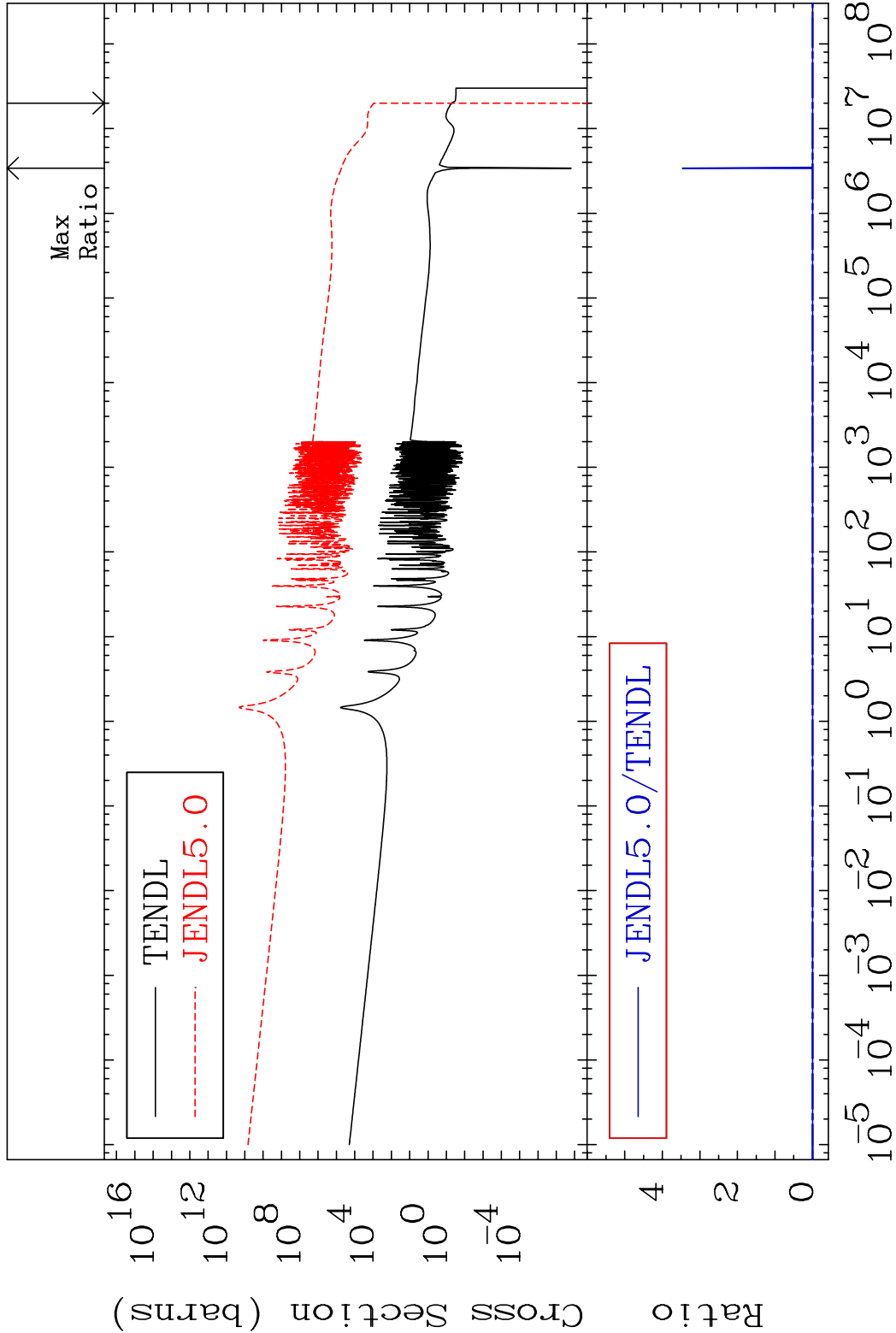
49-In-115



MAT 4931 Kerma fission (mt18 or mt19-20-21-38)9-In-115
Cross Section -9999. To 9999. %

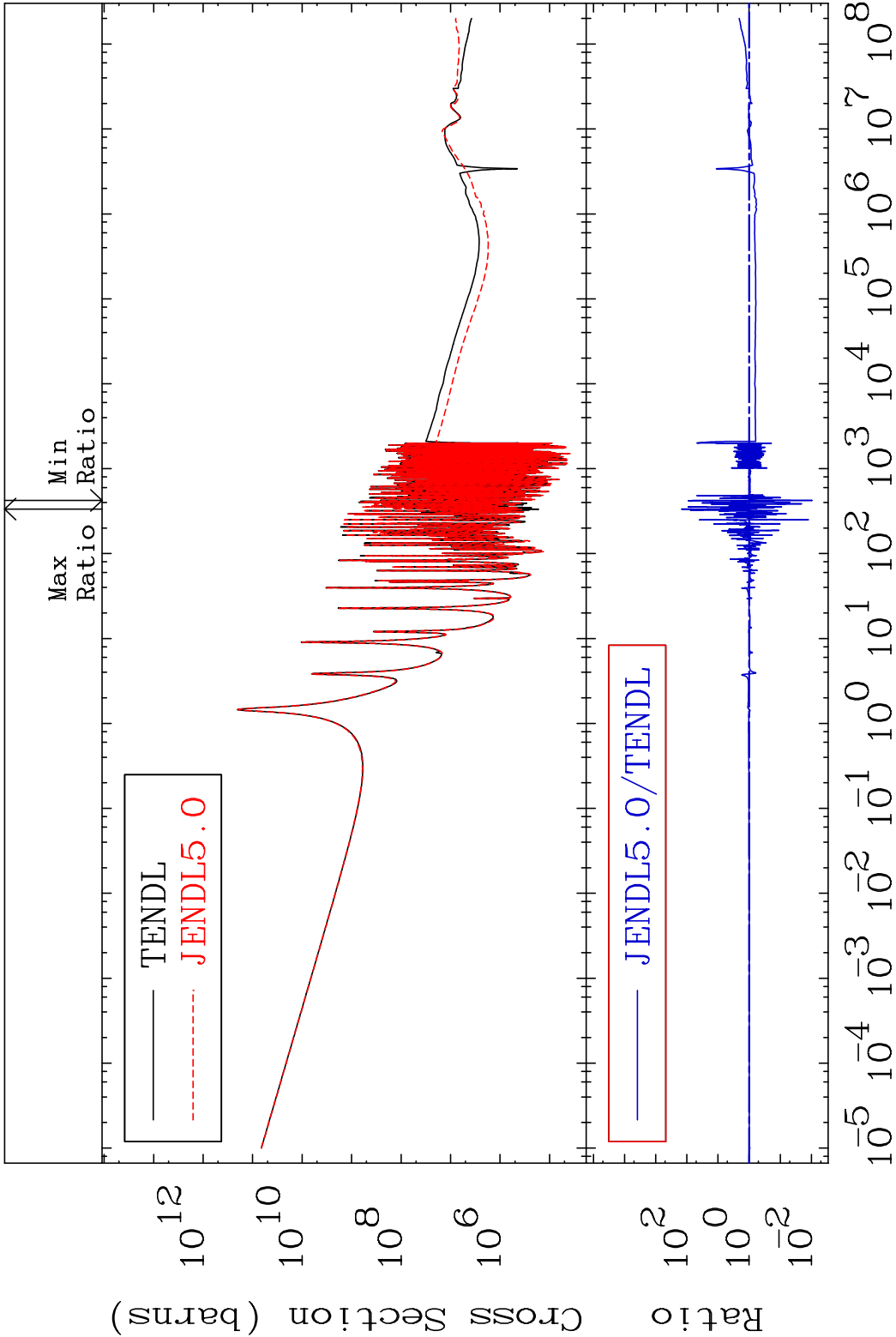


MAT 4931 Kerma capture (mt102) 49-In-115
Cross Section -100.0 To 9999. %



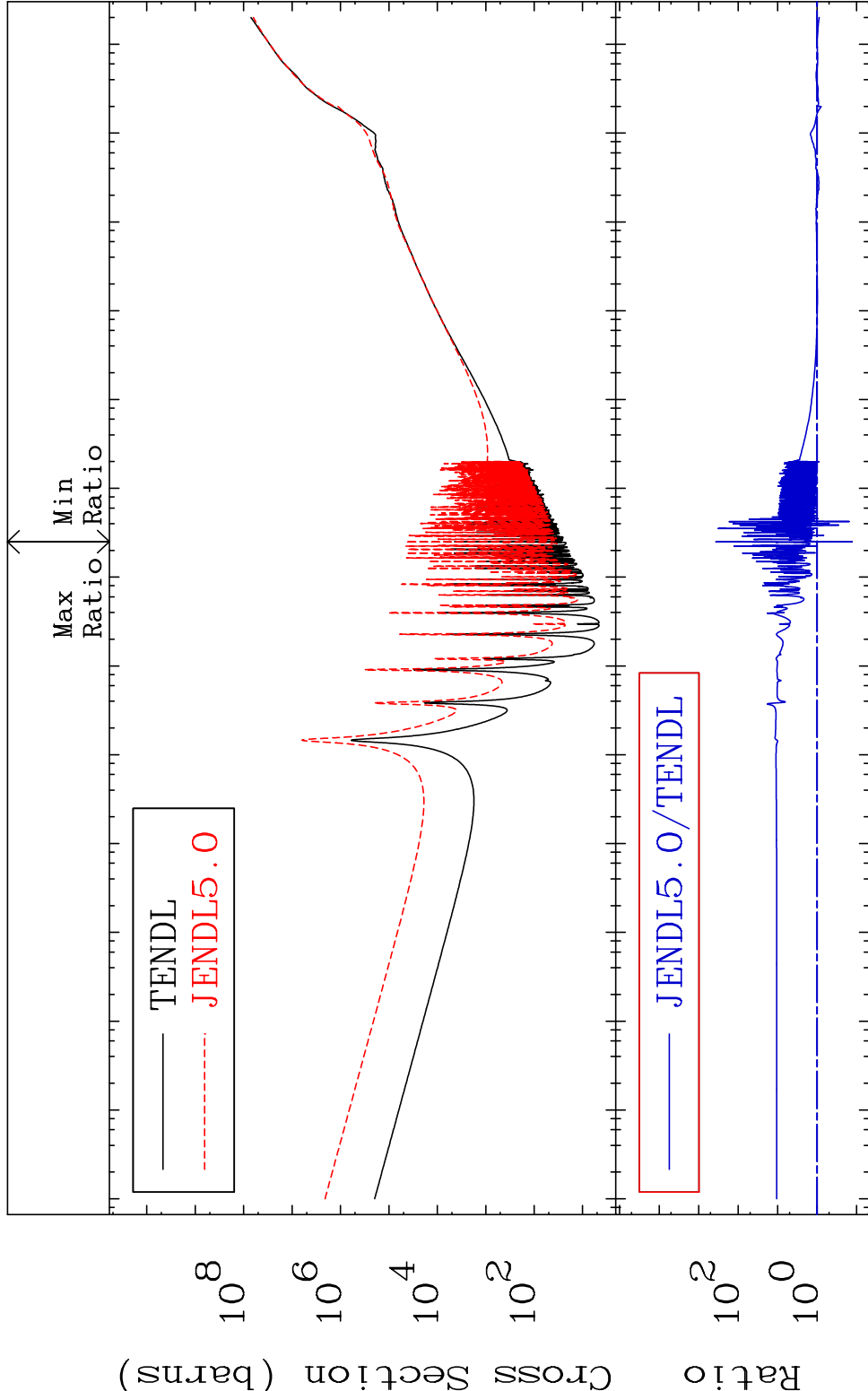
46 Incident Energy (eV) 49-In-115

MAT 4931 Total photon (eV-barns) 49-In-115
Cross Section -99.06 To 9999. %



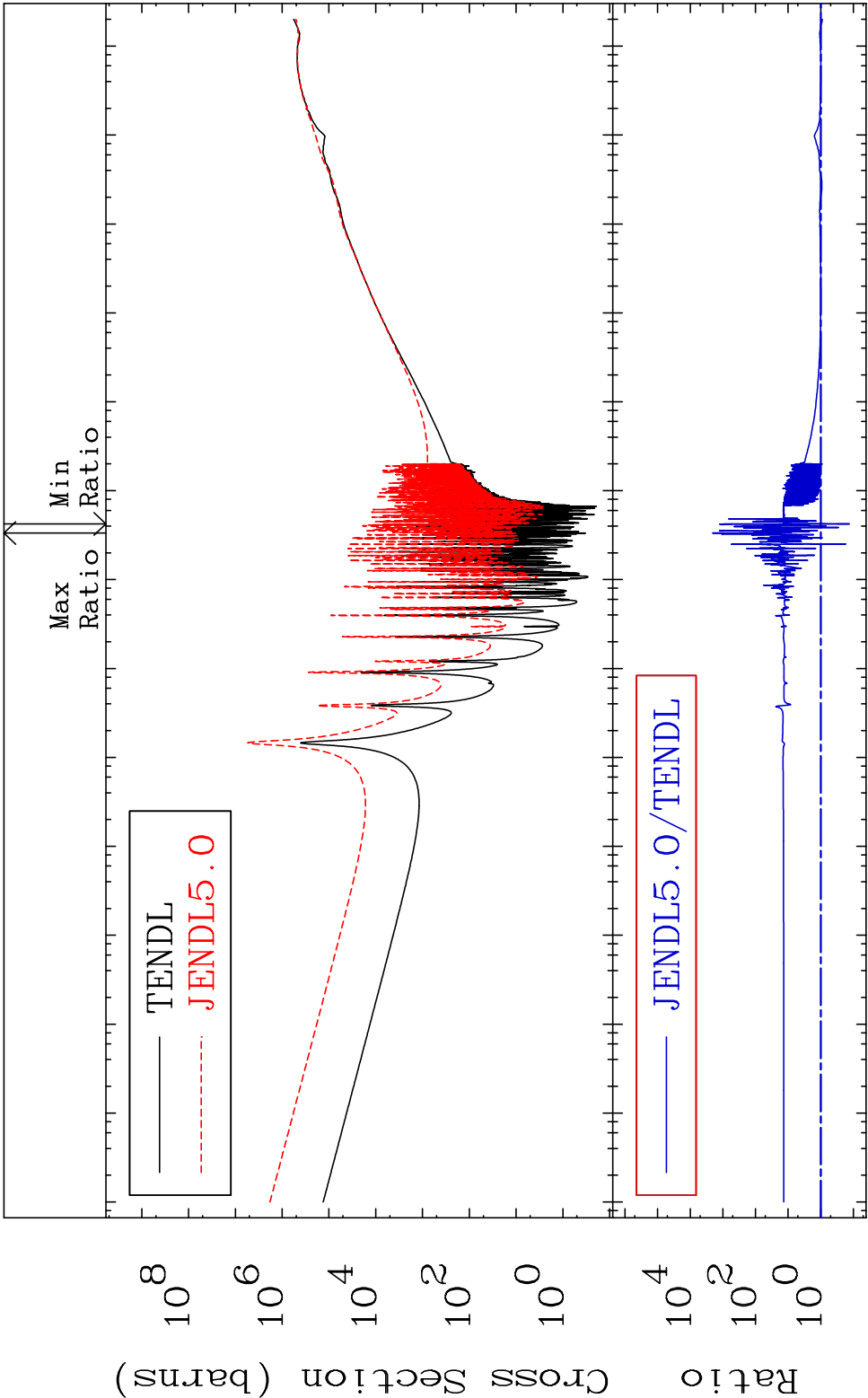
47 Incident Energy (eV) 49-In-115

MAT 4931 Total kinematic kerma (high limit) 49-In-115
Cross Section -87.05 To 9999. %

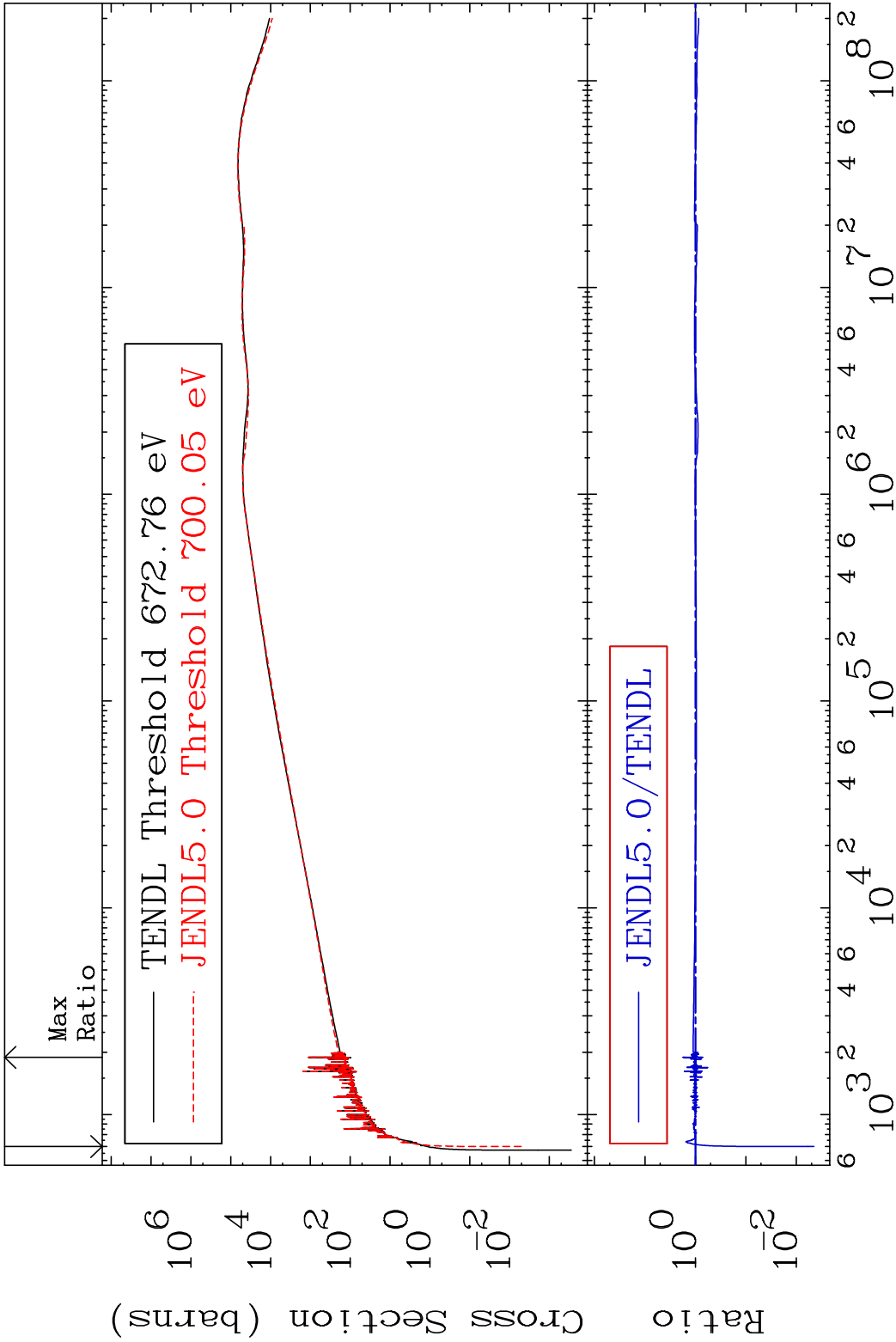


Incident Energy (eV) 49-In-115

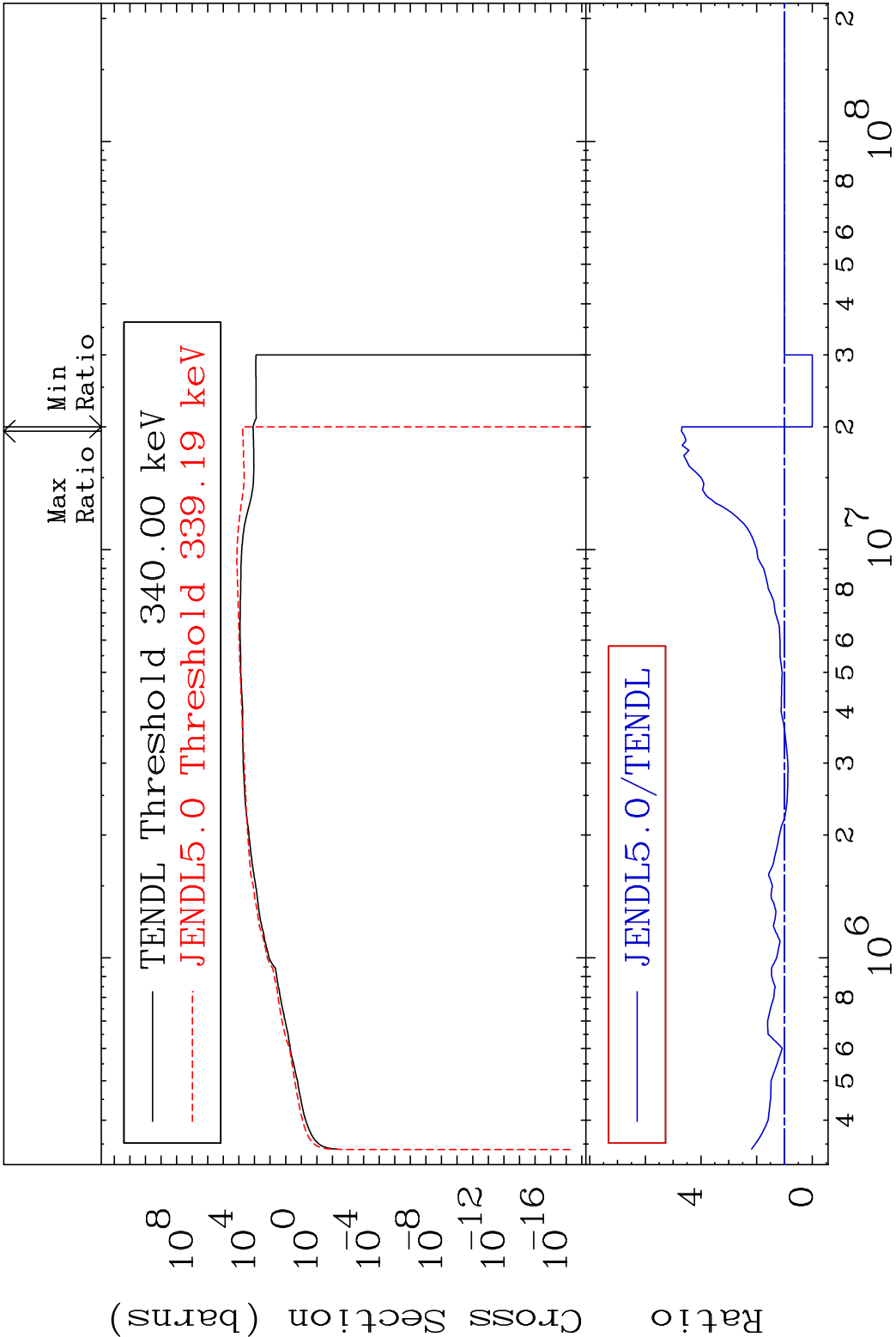
MAT 4931	Dpa total (eV-barns)	49-In-115
	Cross Section	-86.90 To 9999. %



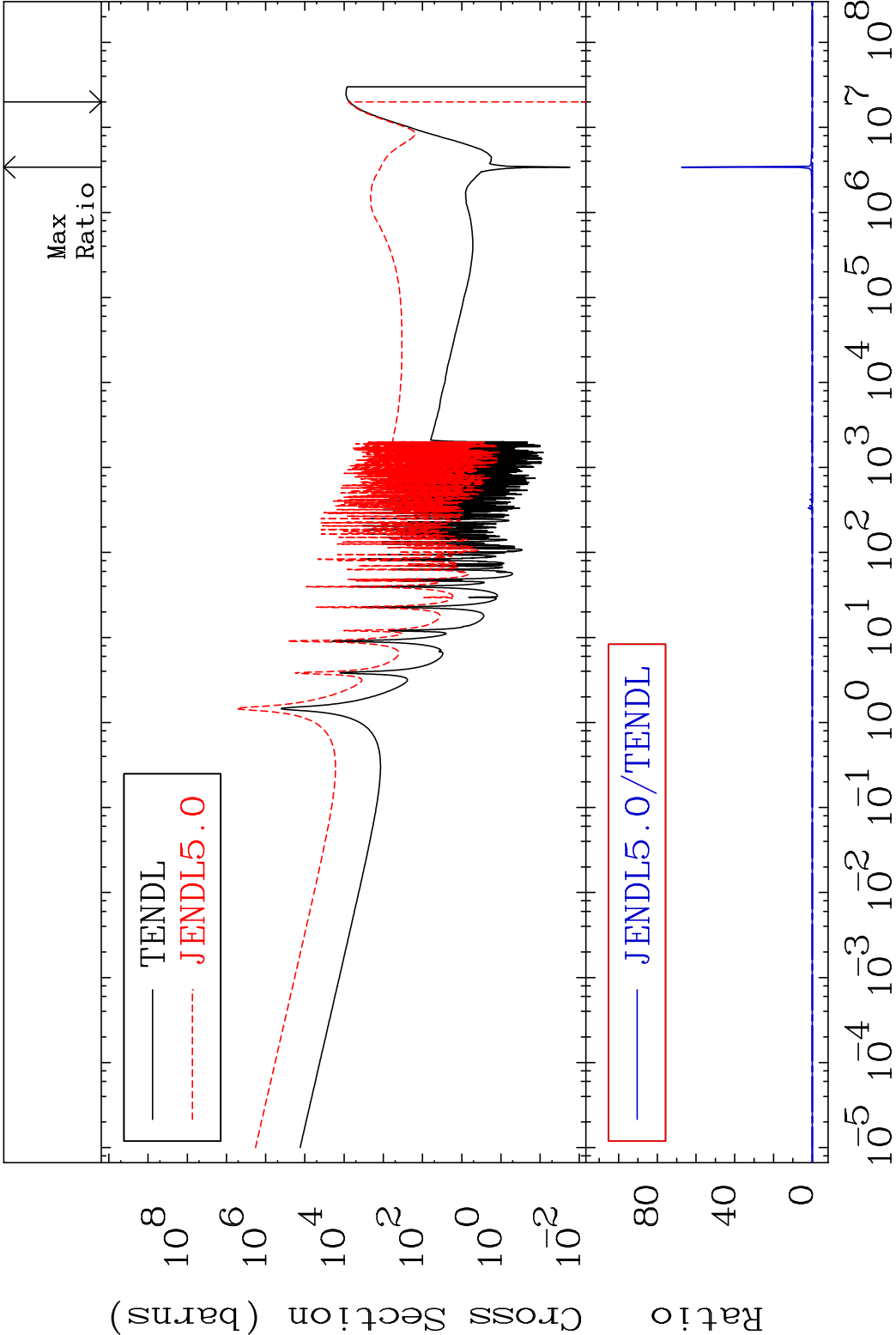
MAT 4931 Dpa elastic (mt2) 49-In-115
Cross Section -99.55 To 75.89 %

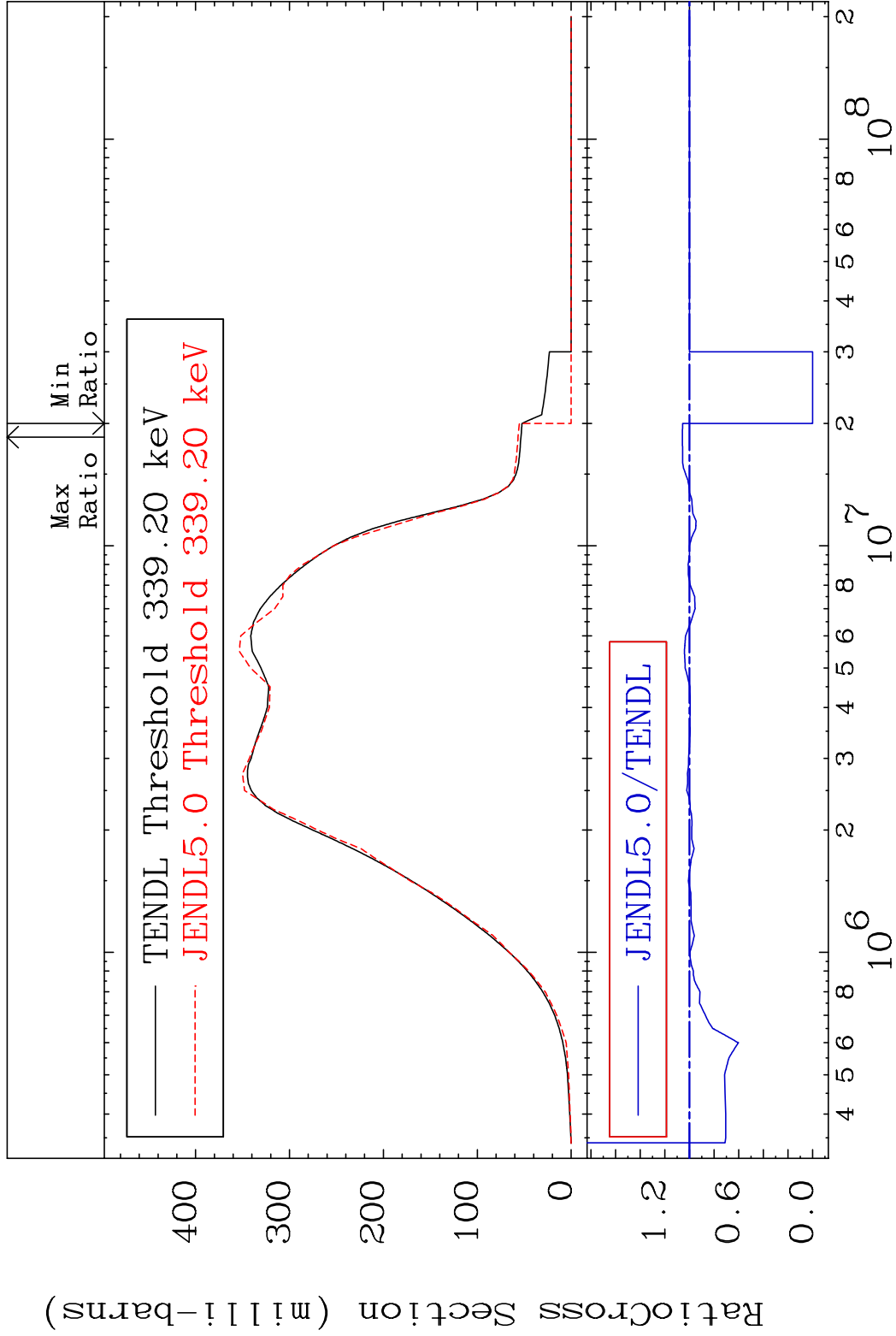


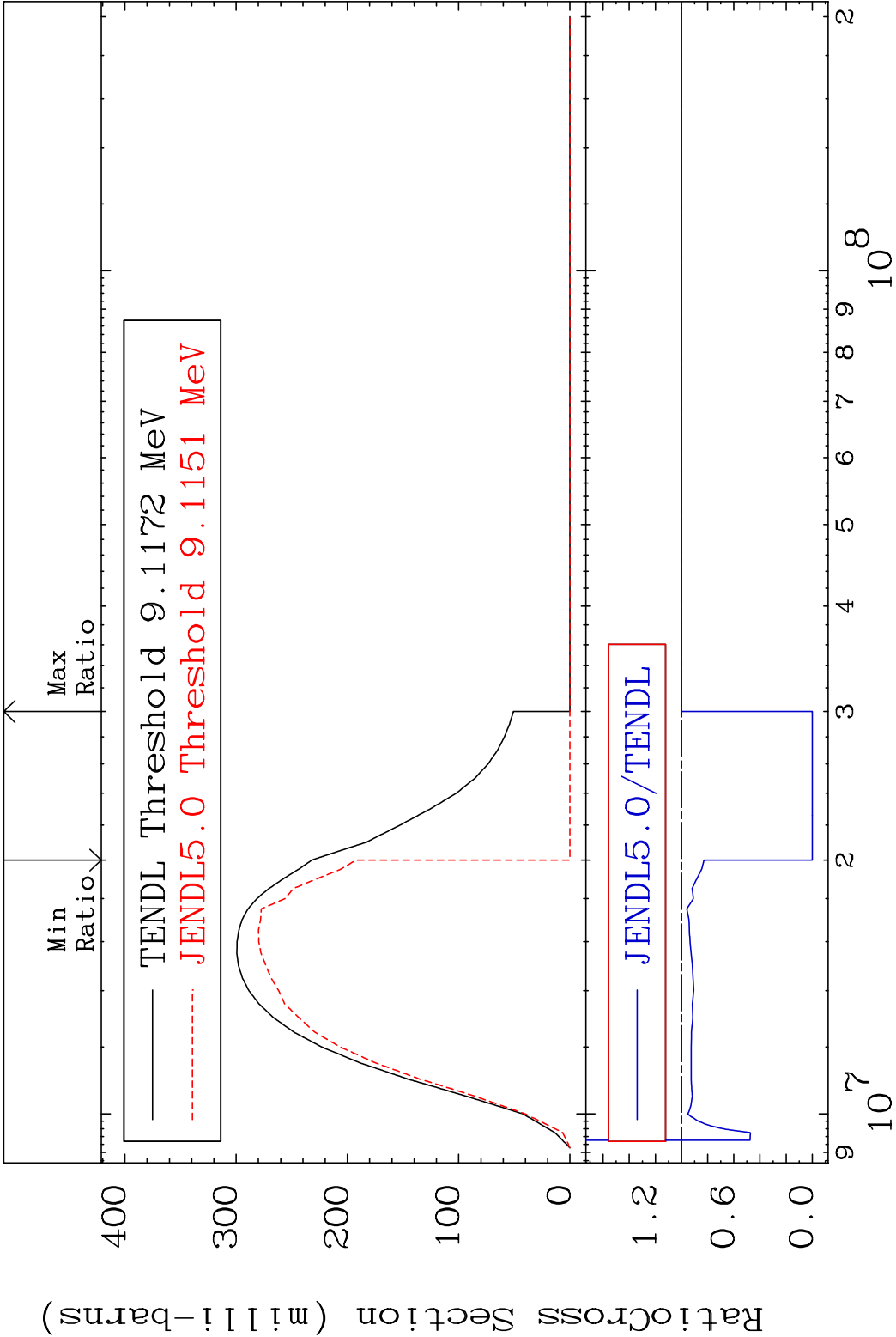
50 Incident Energy (eV) 49-In-115

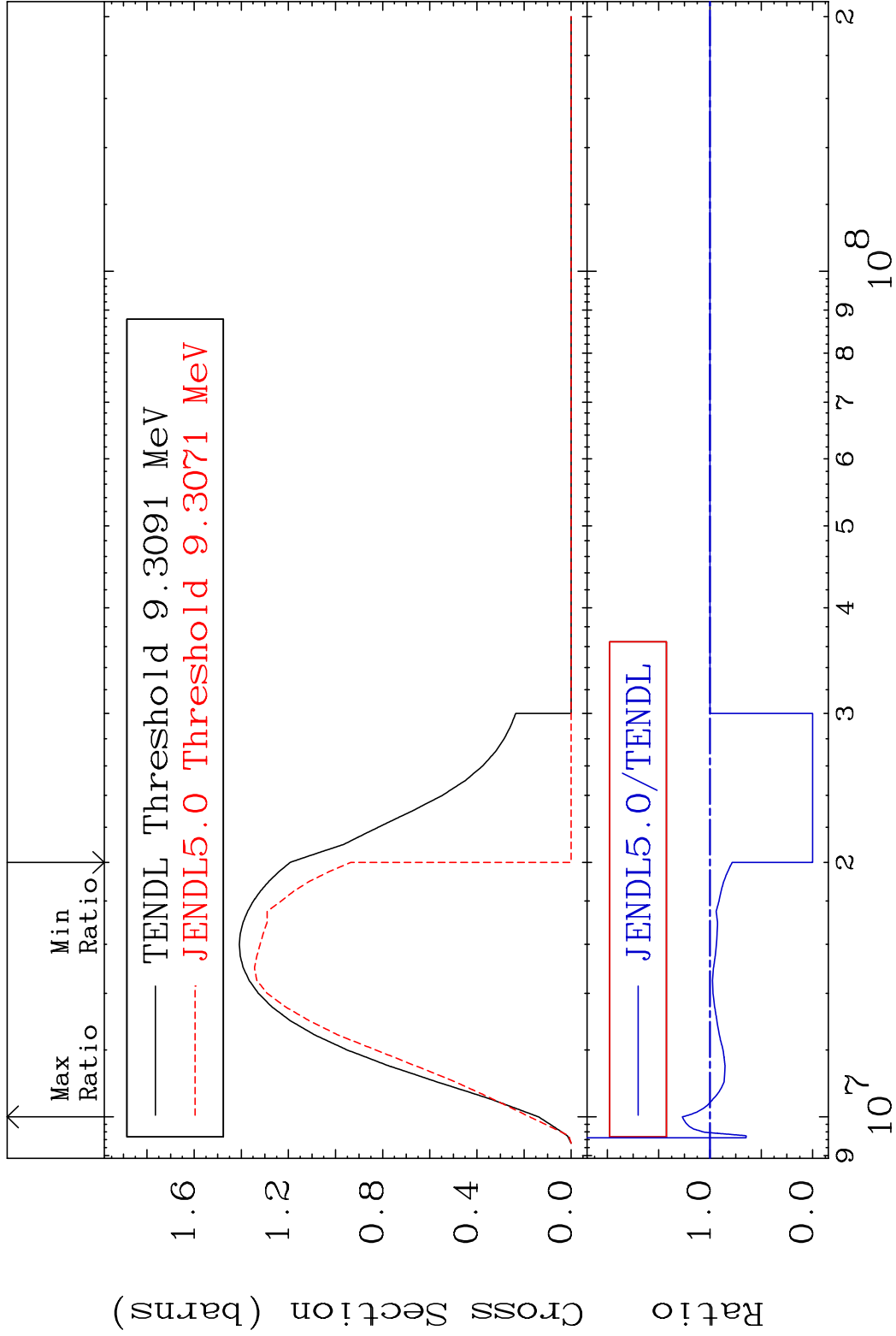


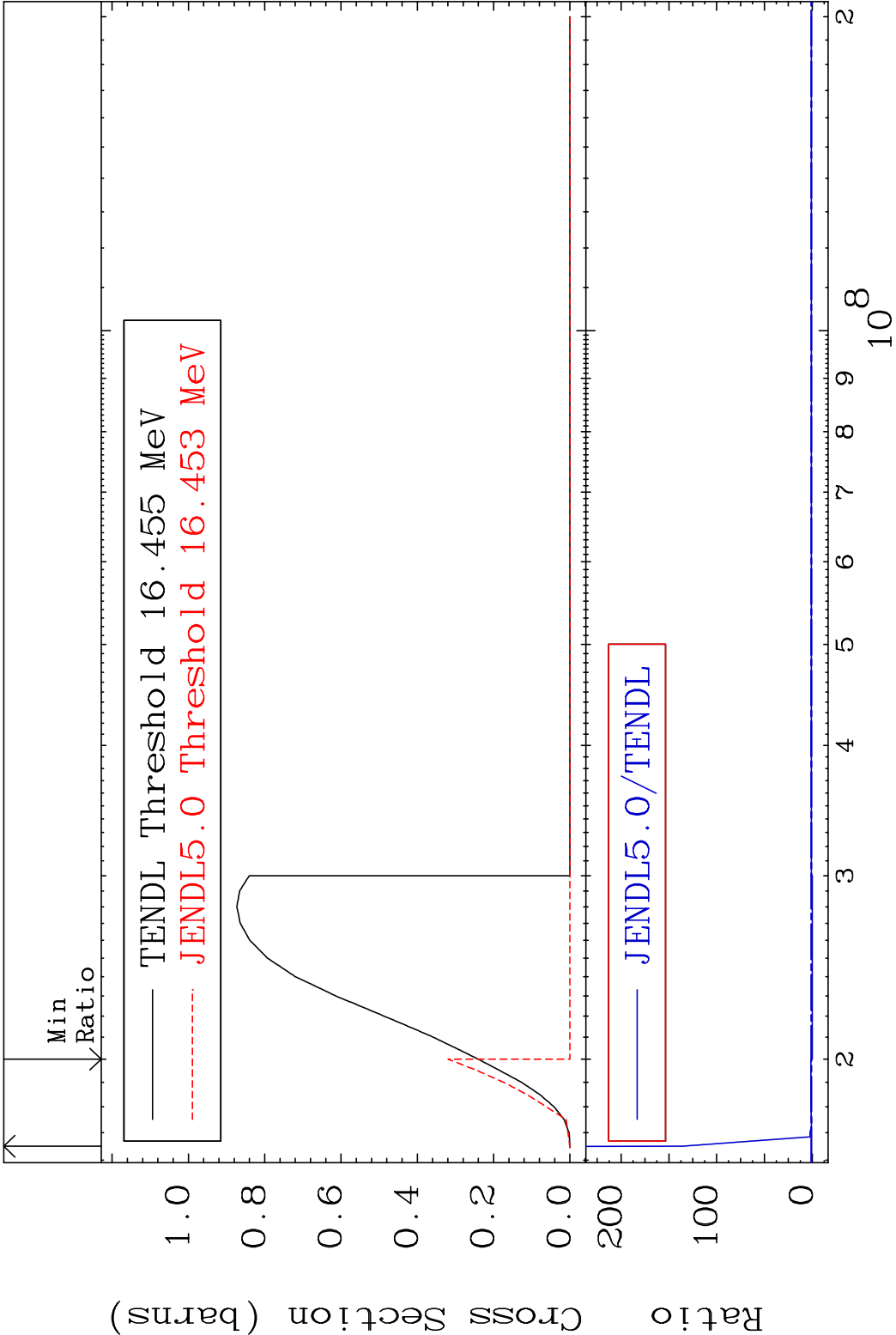
MAT 4931 Dpa disappearance (mt102 -120) 49-In-115
Cross Section -100.0 To 9999. %

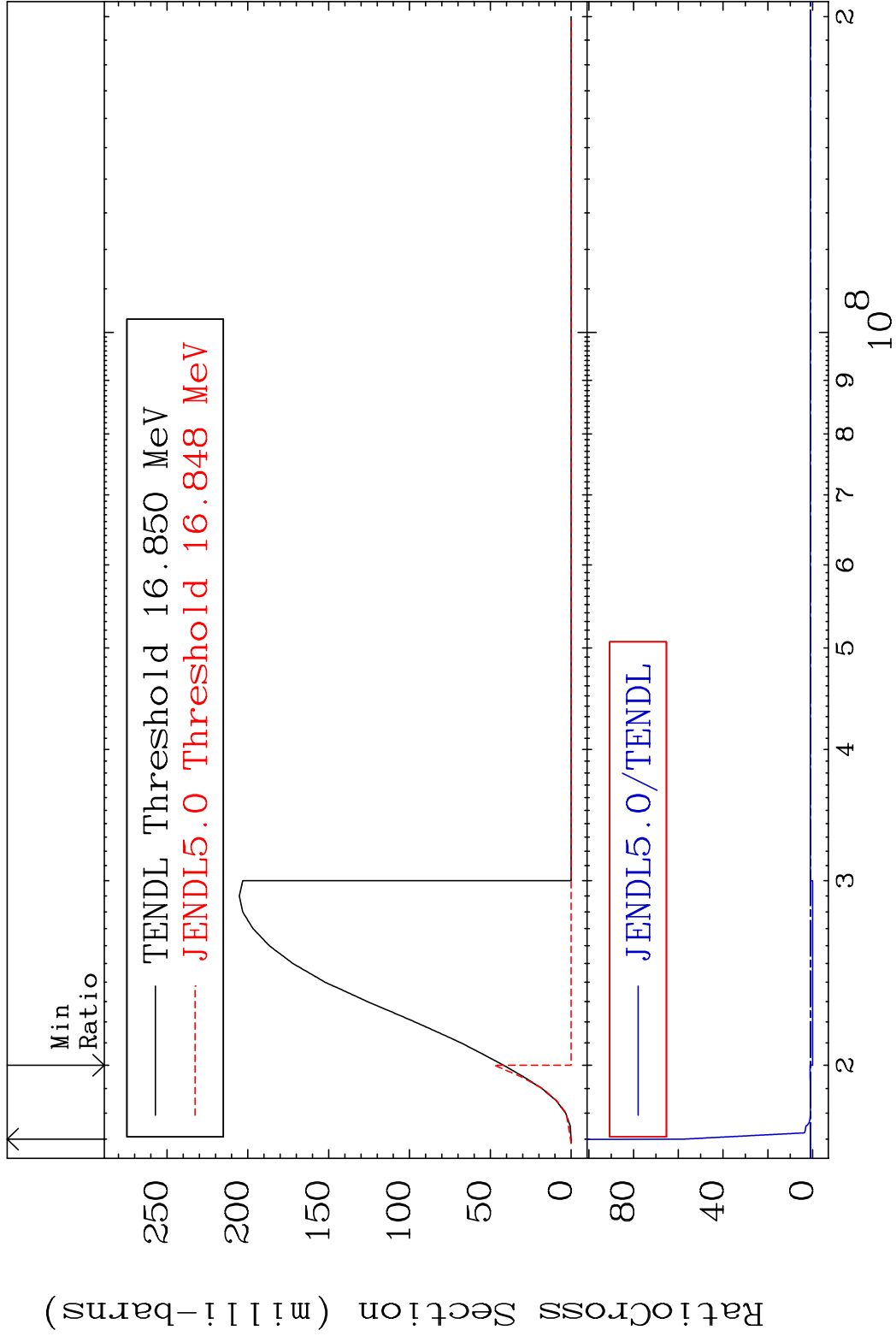


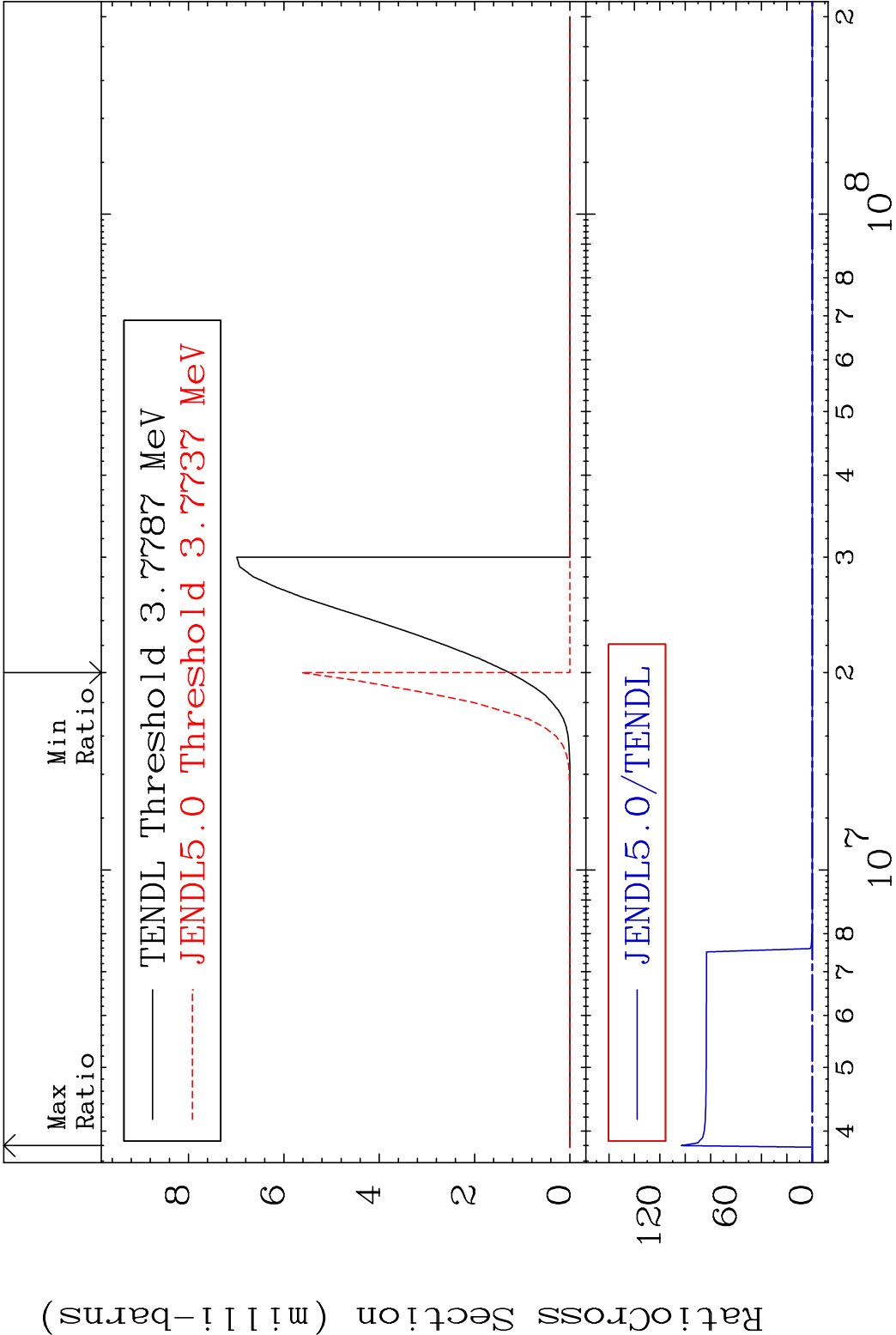


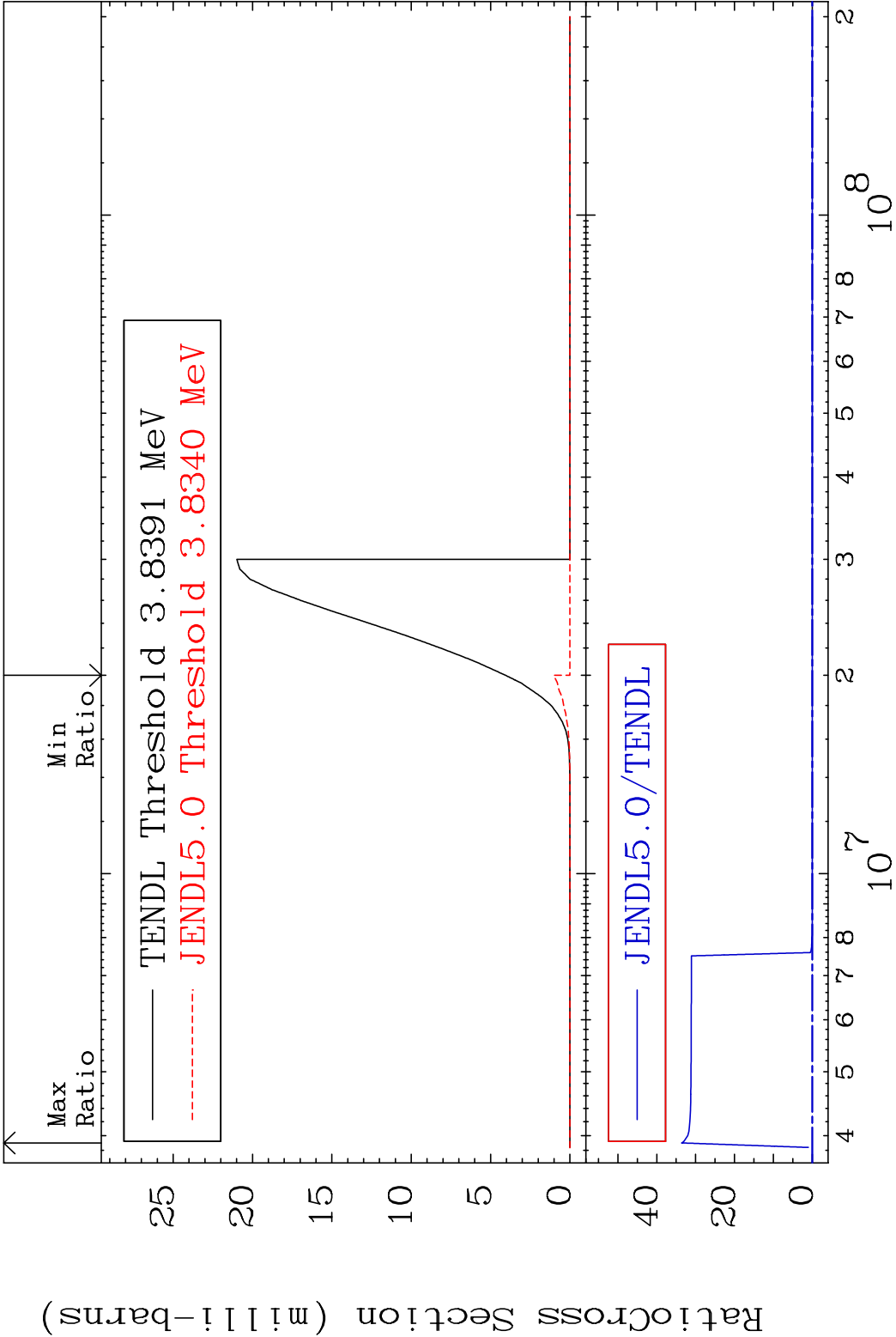


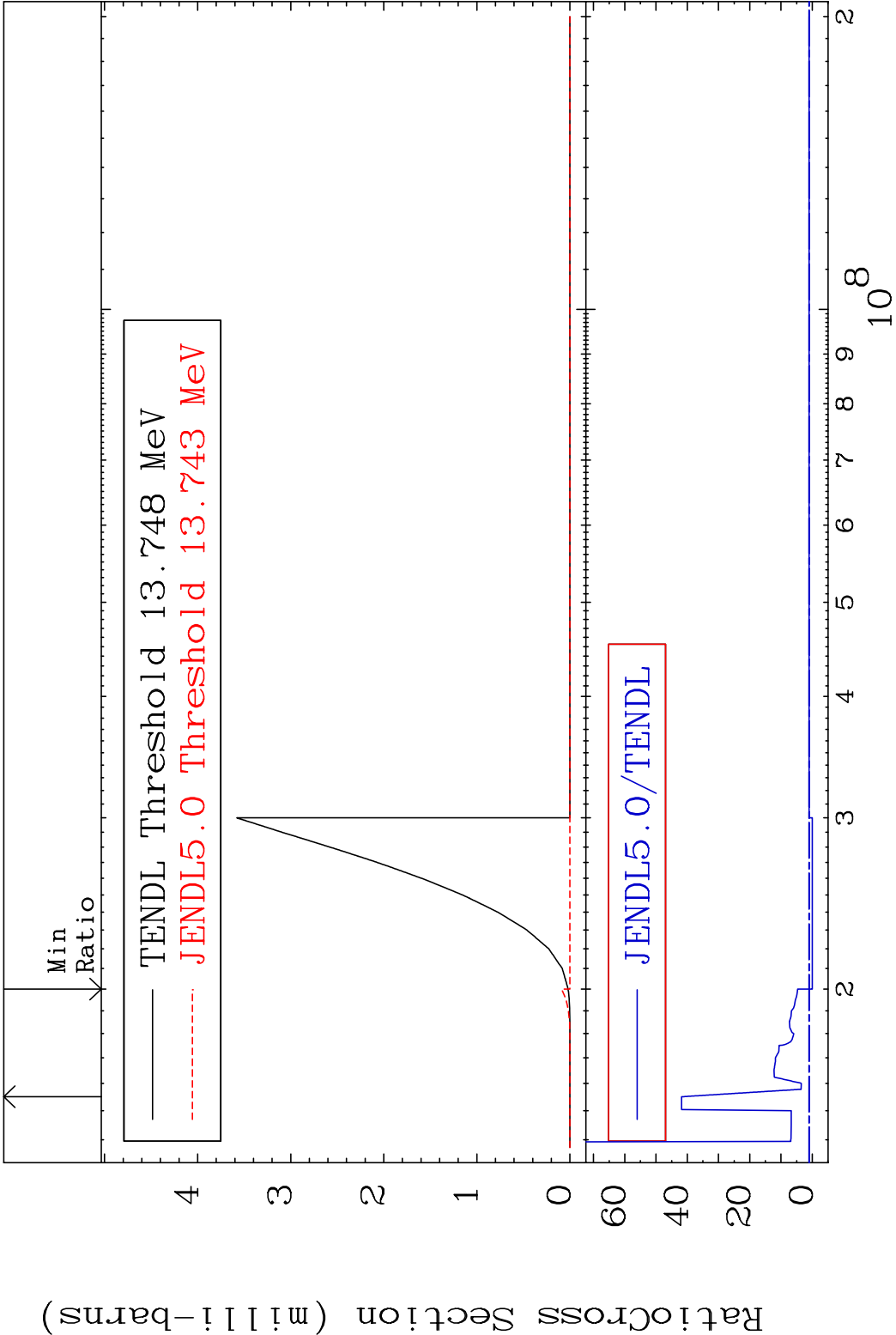












Radionuclide Production Cross Section (mb)

