

Program Complot
(Version 2021-1)

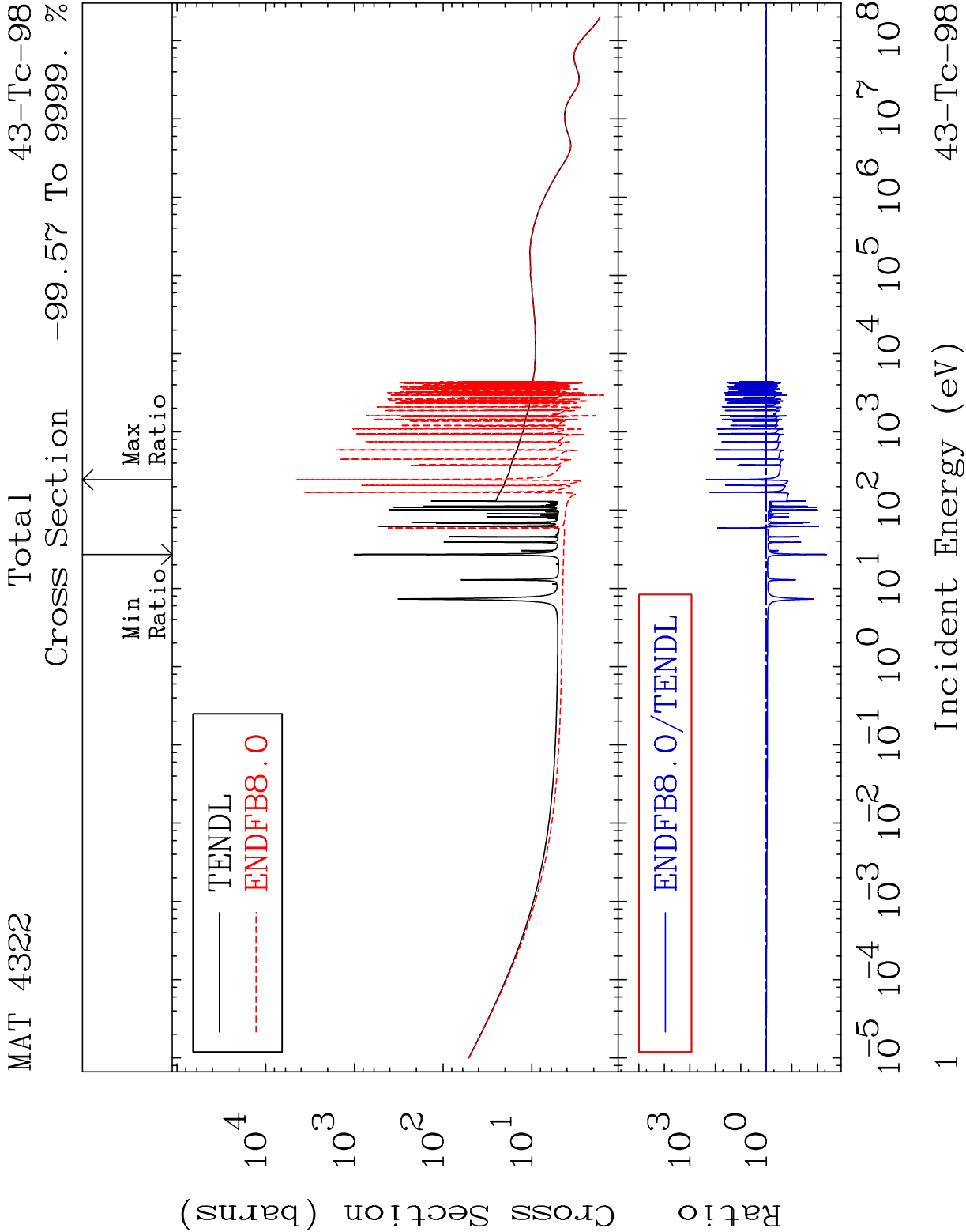
by

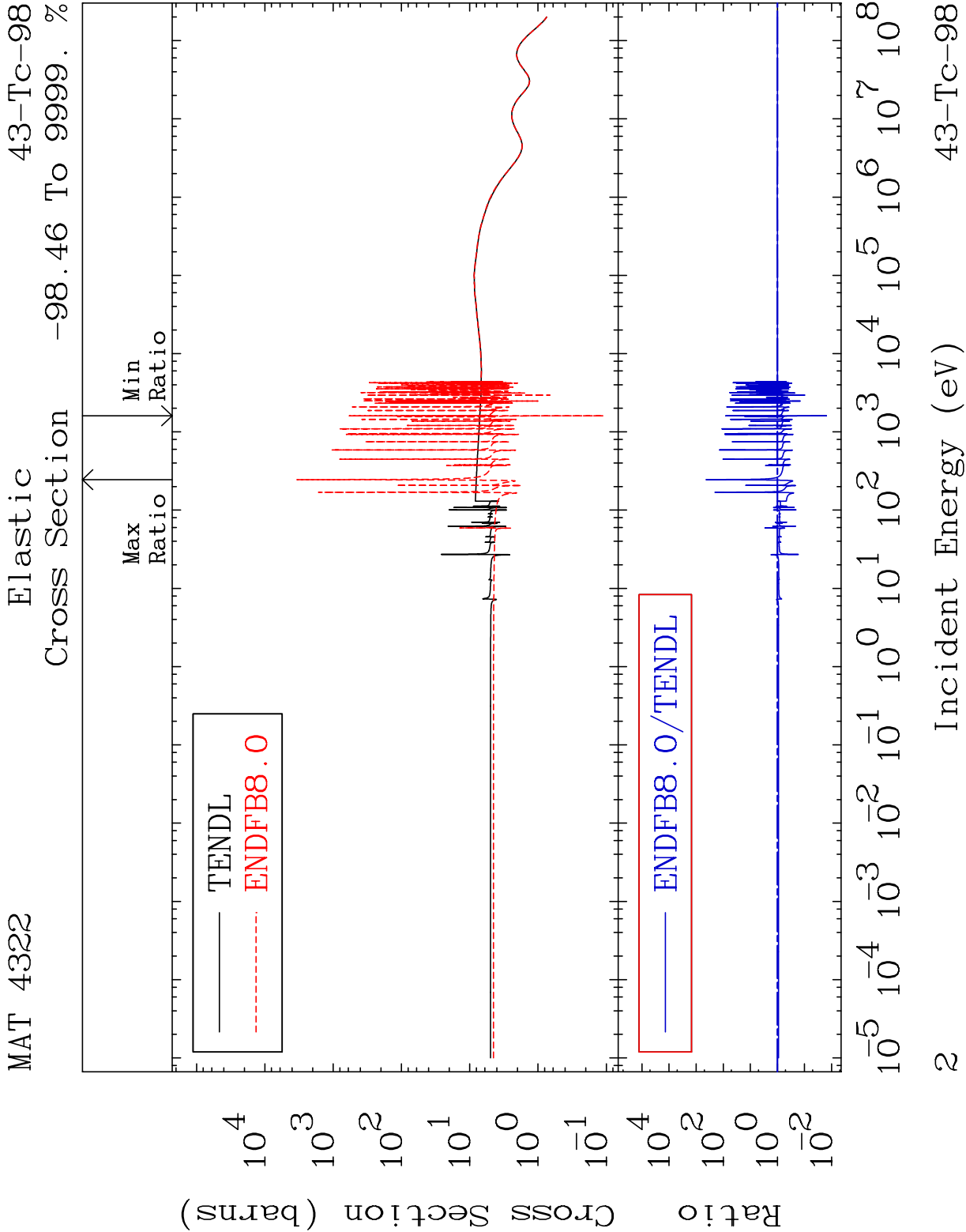
Dermott E. Cullen
(Present Contact Information)

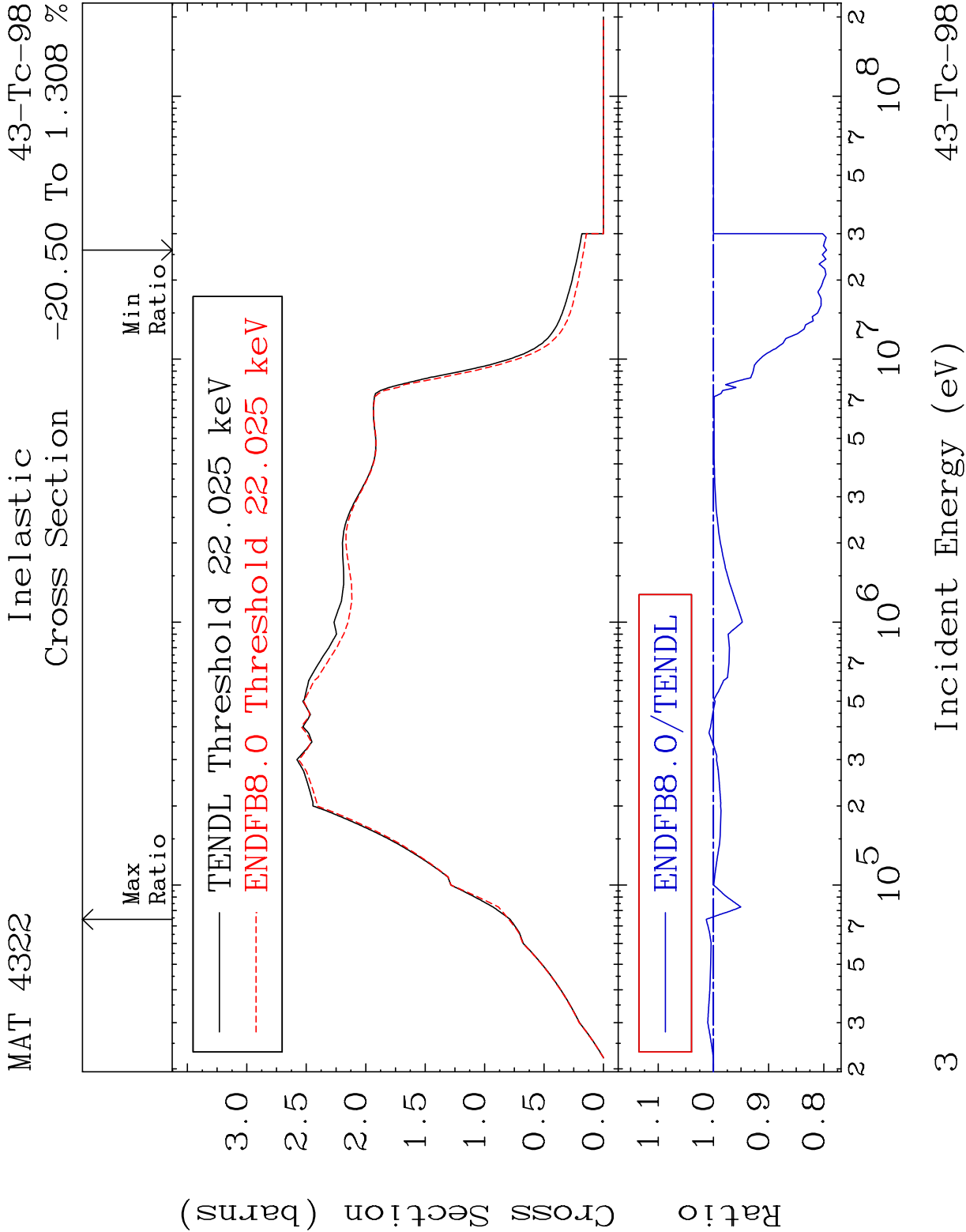
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

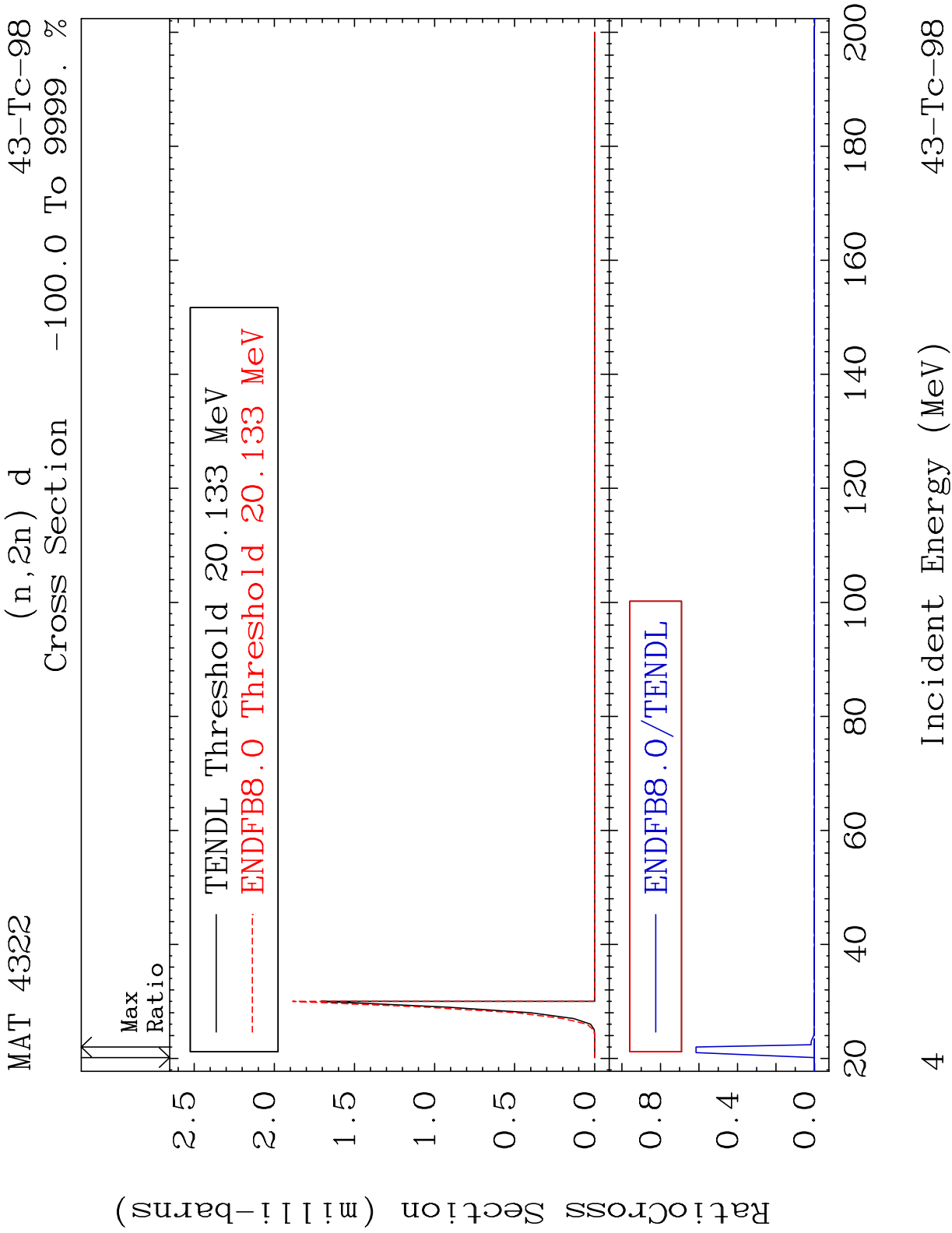
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

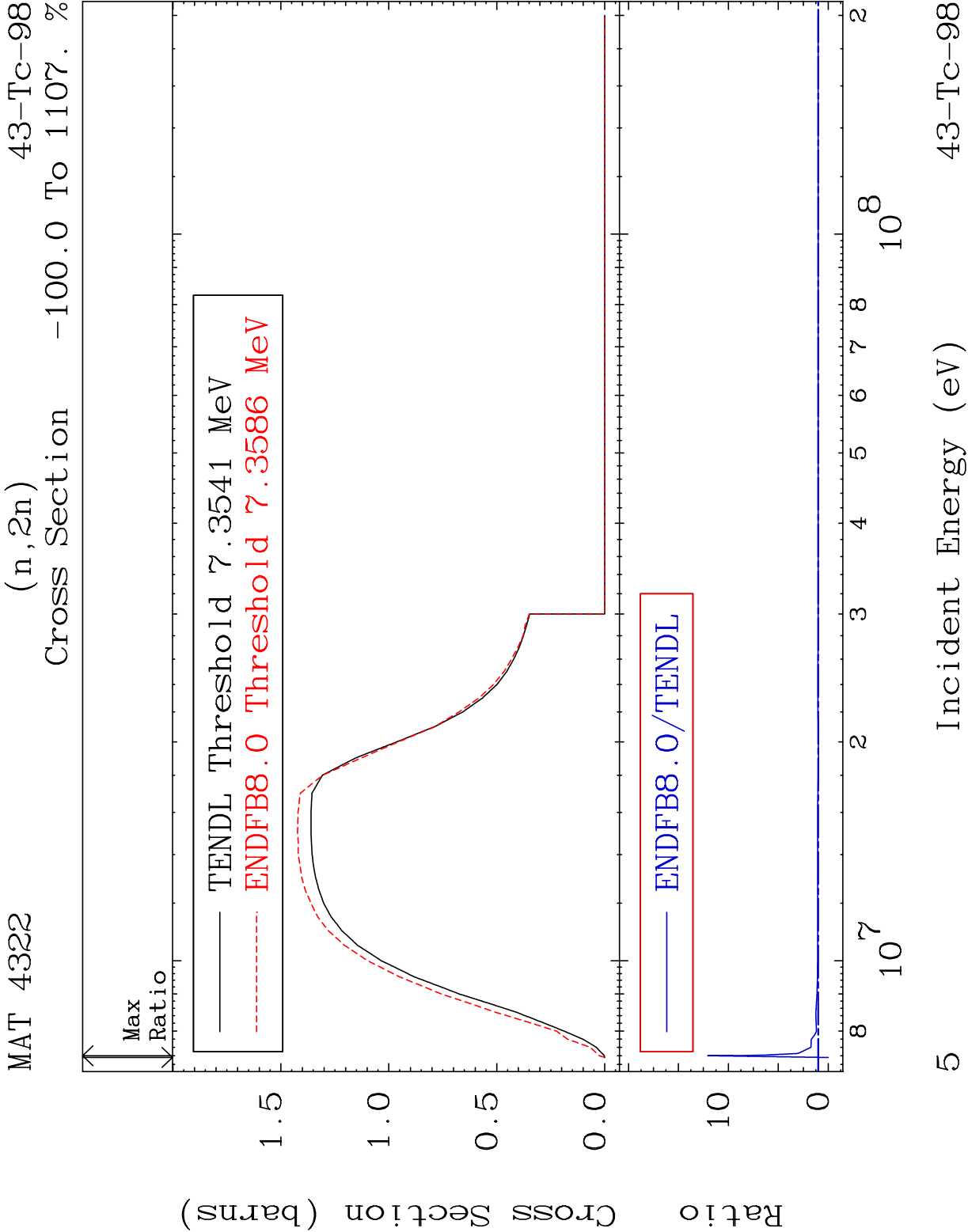
Press Mouse Button to Start











Ratio

Cross Section (barns)

TENDL Threshold 7.3541 MeV

ENDFB8.0 Threshold 7.3586 MeV

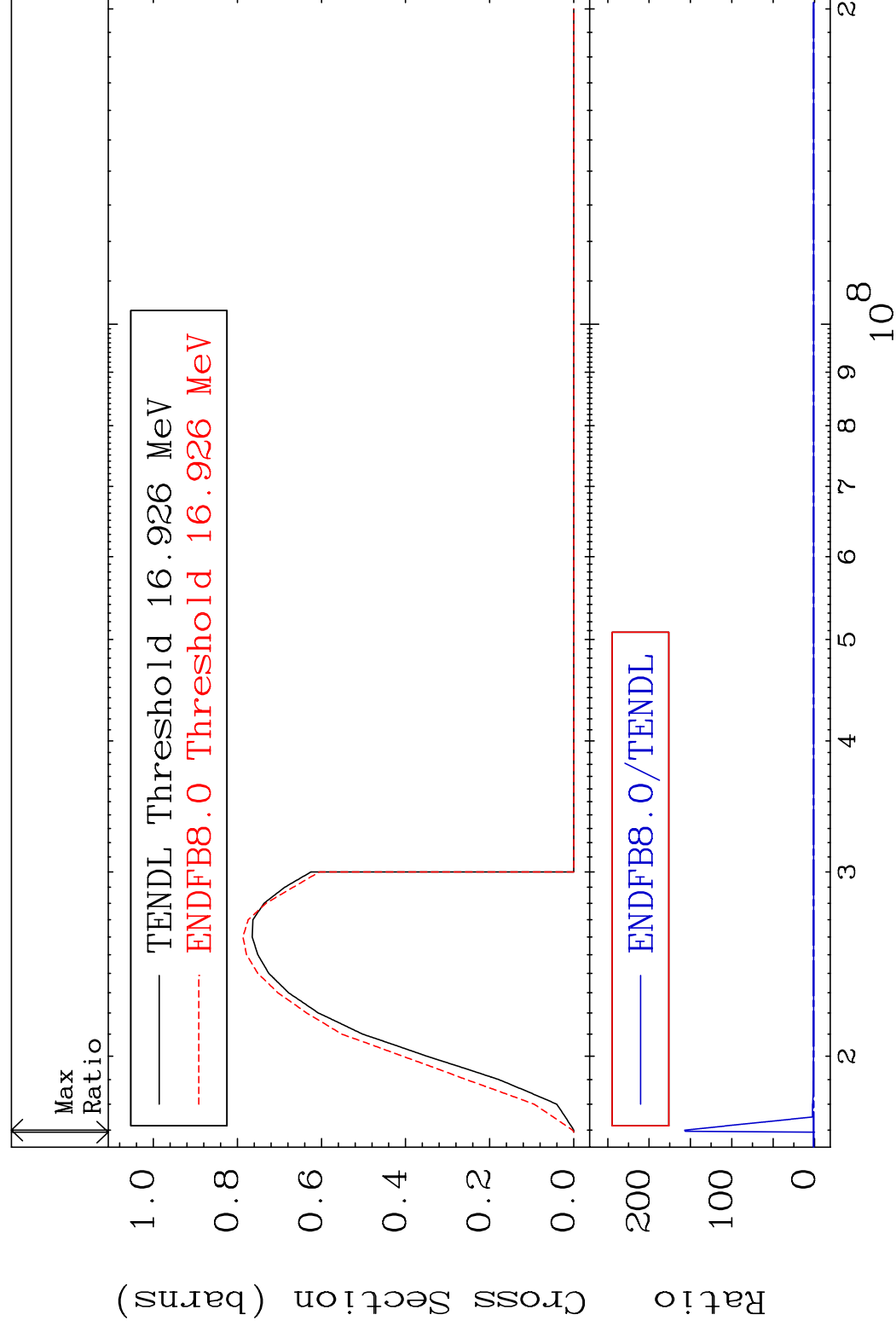
ENDFB8.0/TENDL

MAT 4322

$$(n, 3n)$$

43-Tc-98

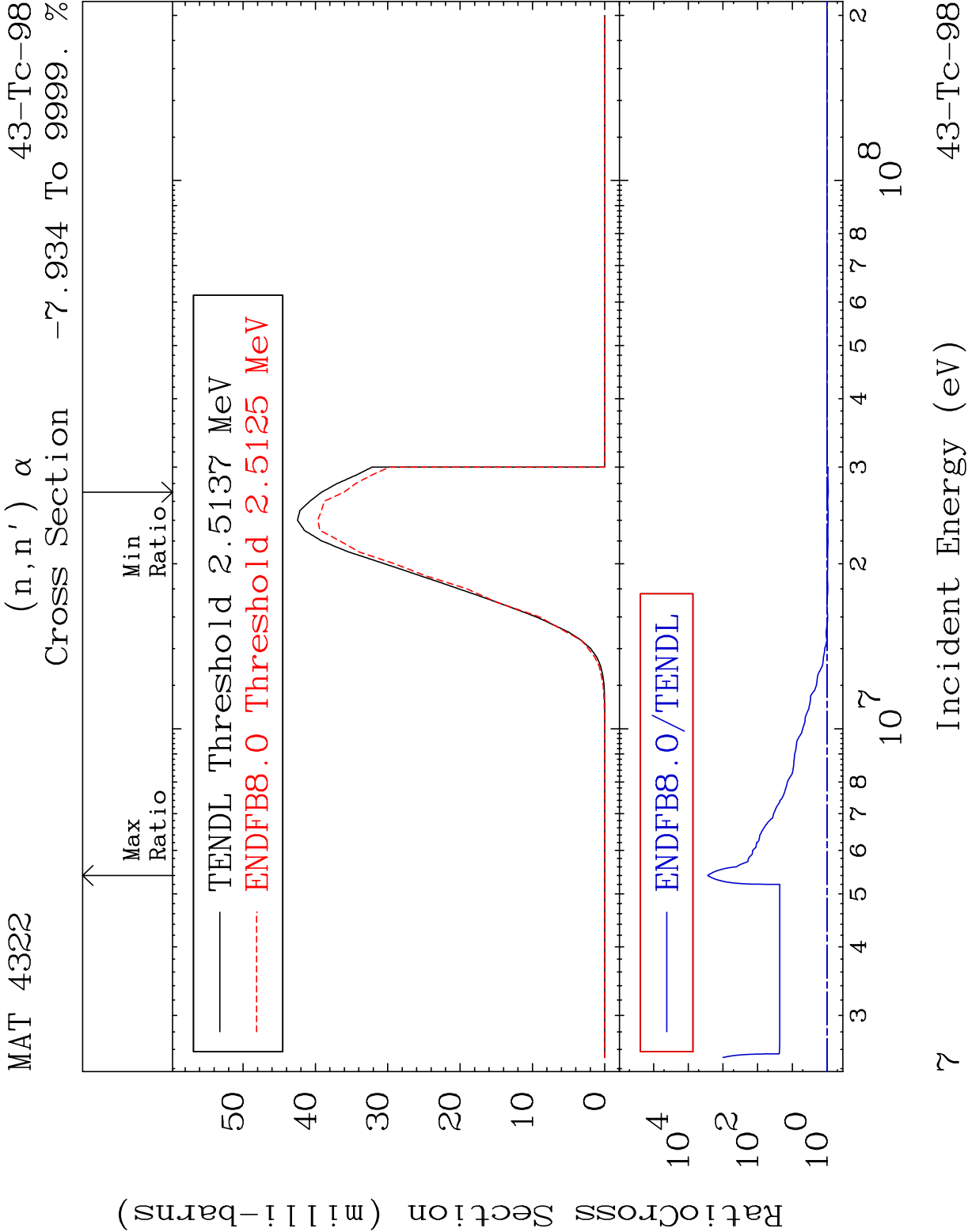
Cross Section -100.0 To 9999. %

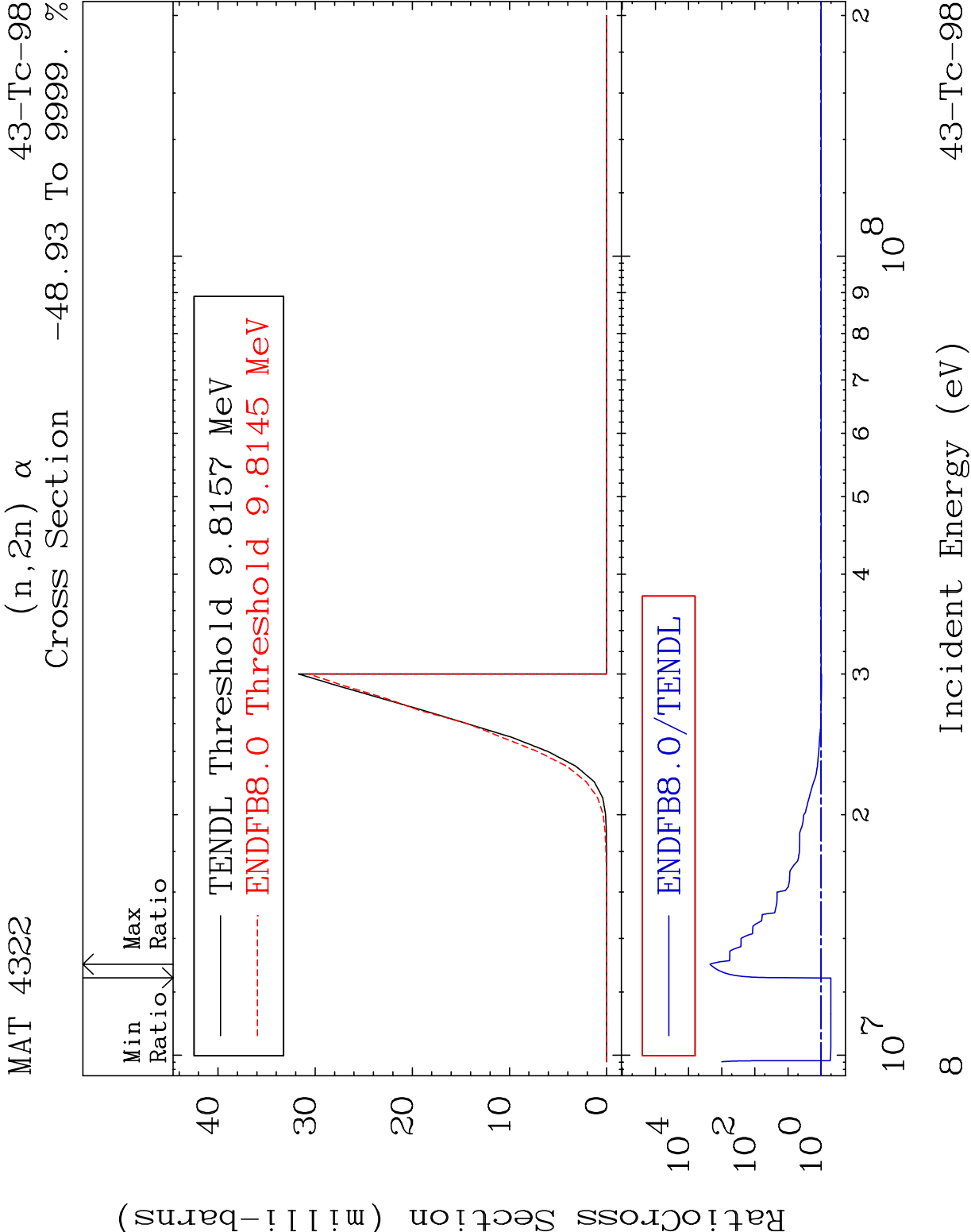


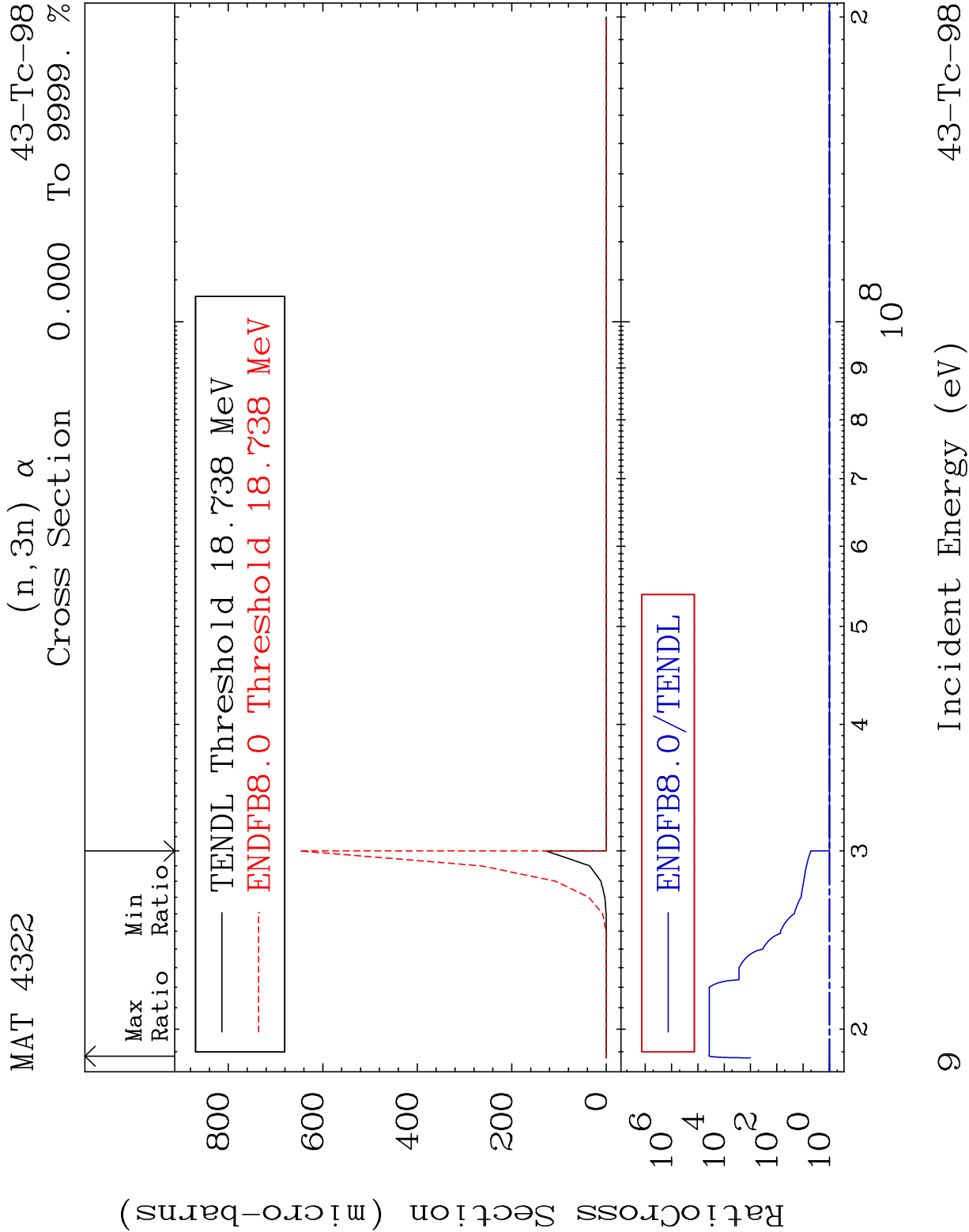
9

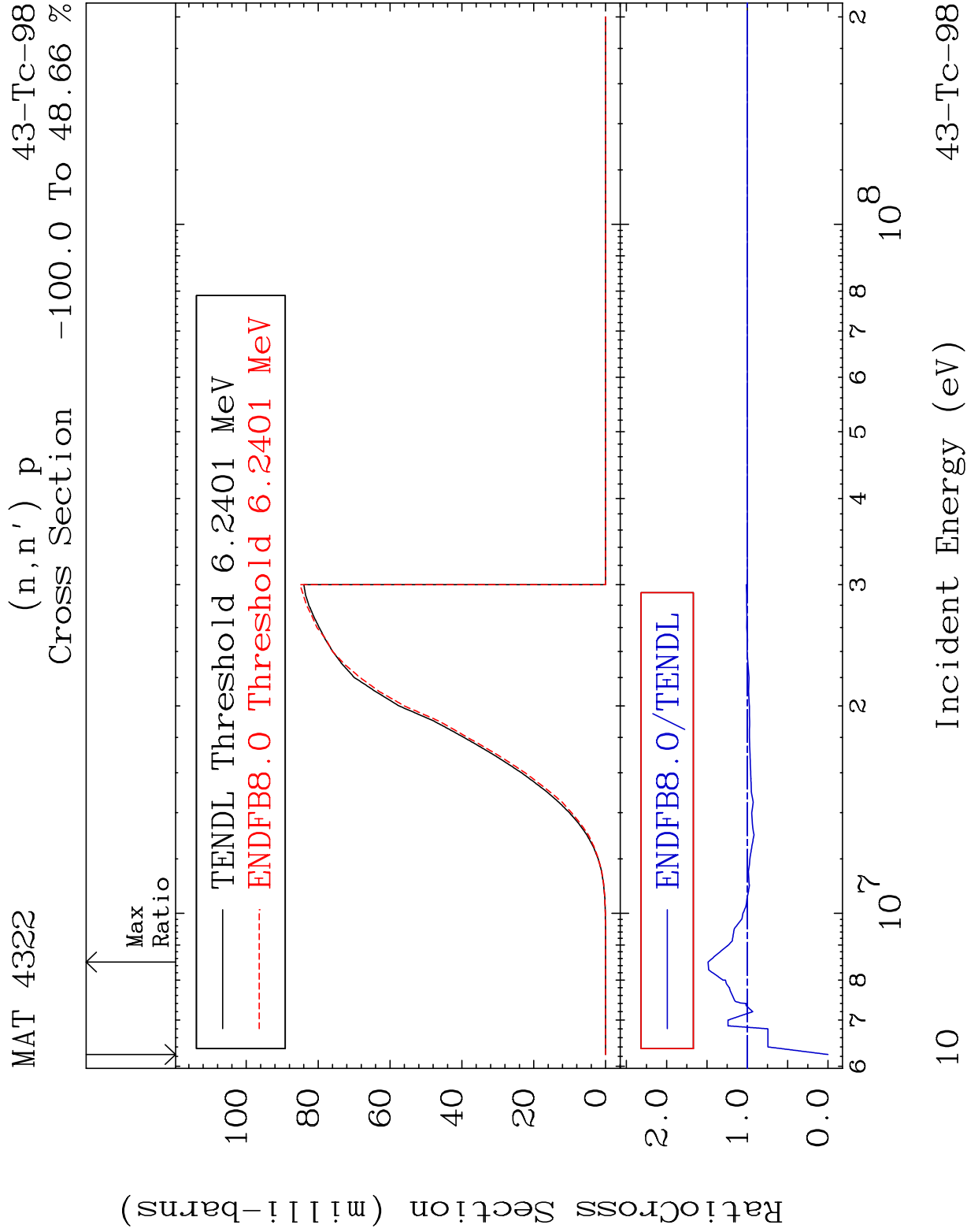
Incident Energy (eV)

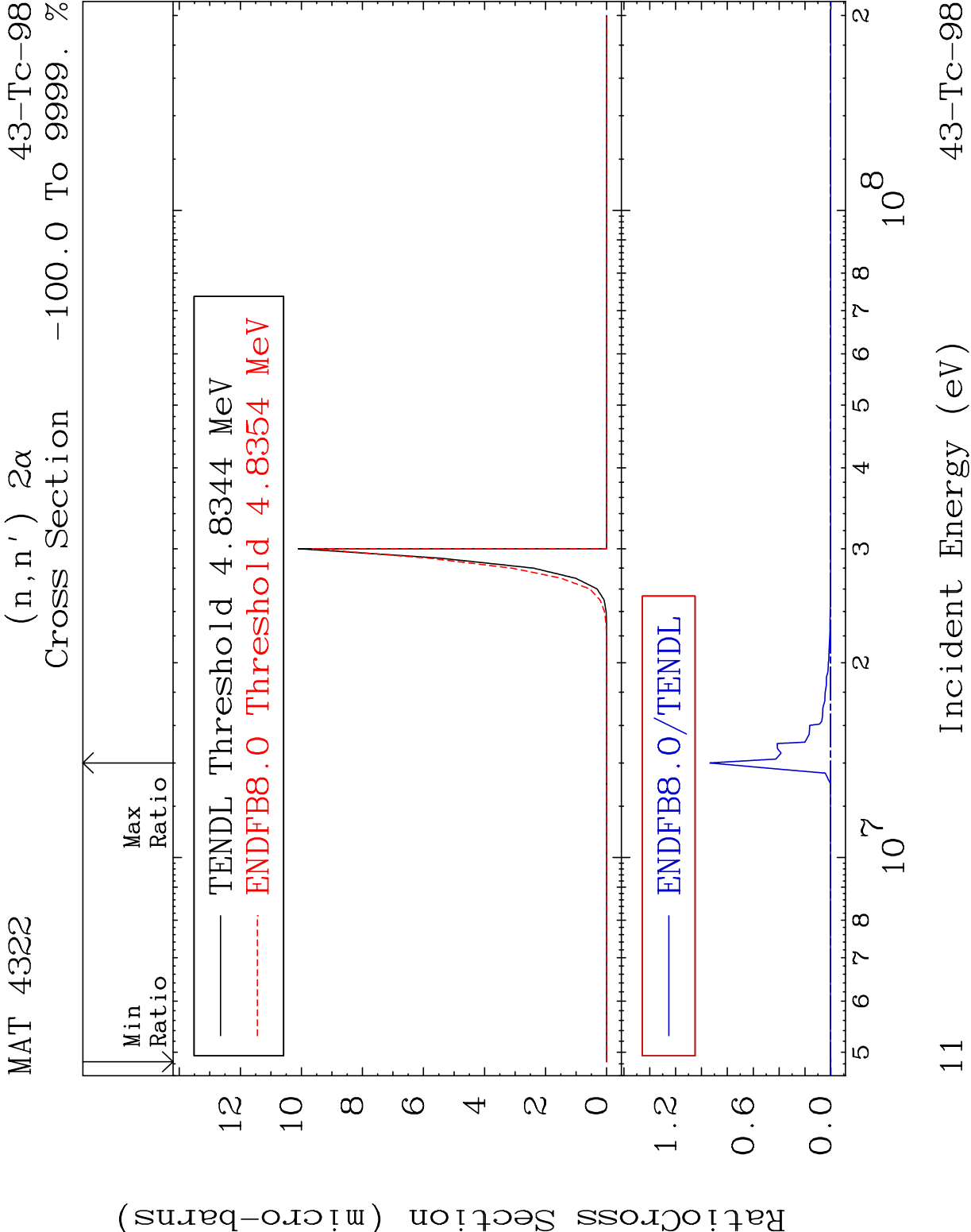
43-Tc-98

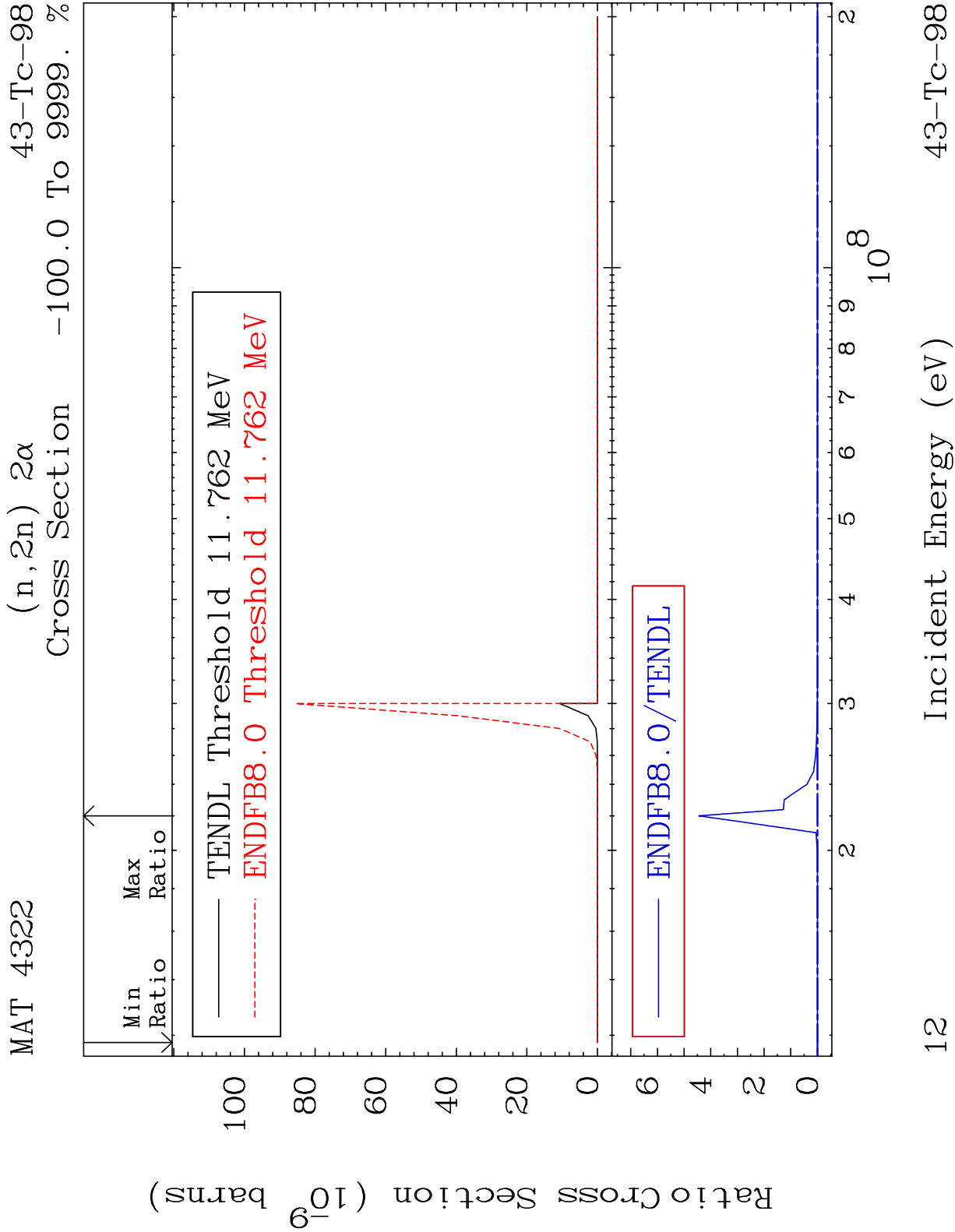


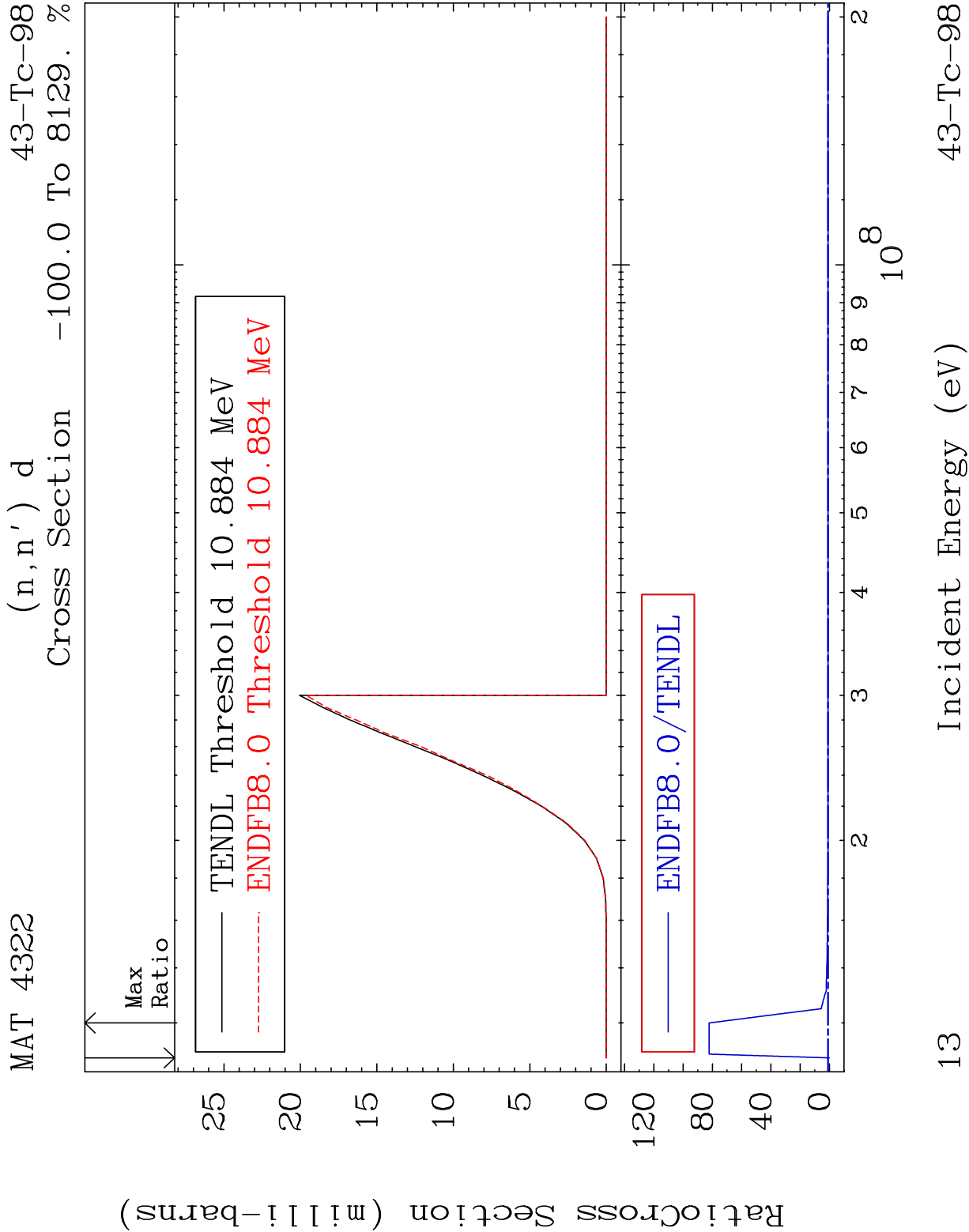


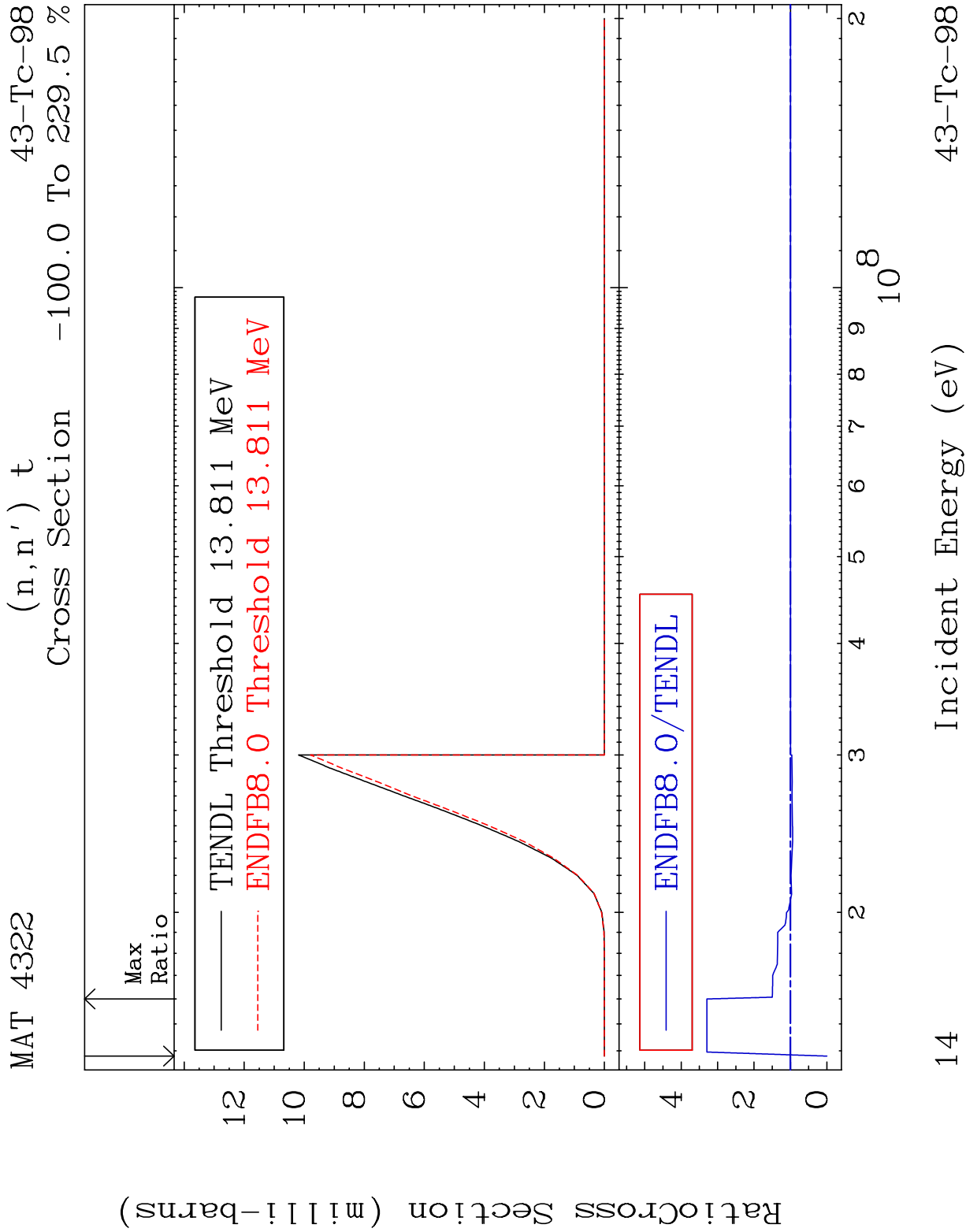


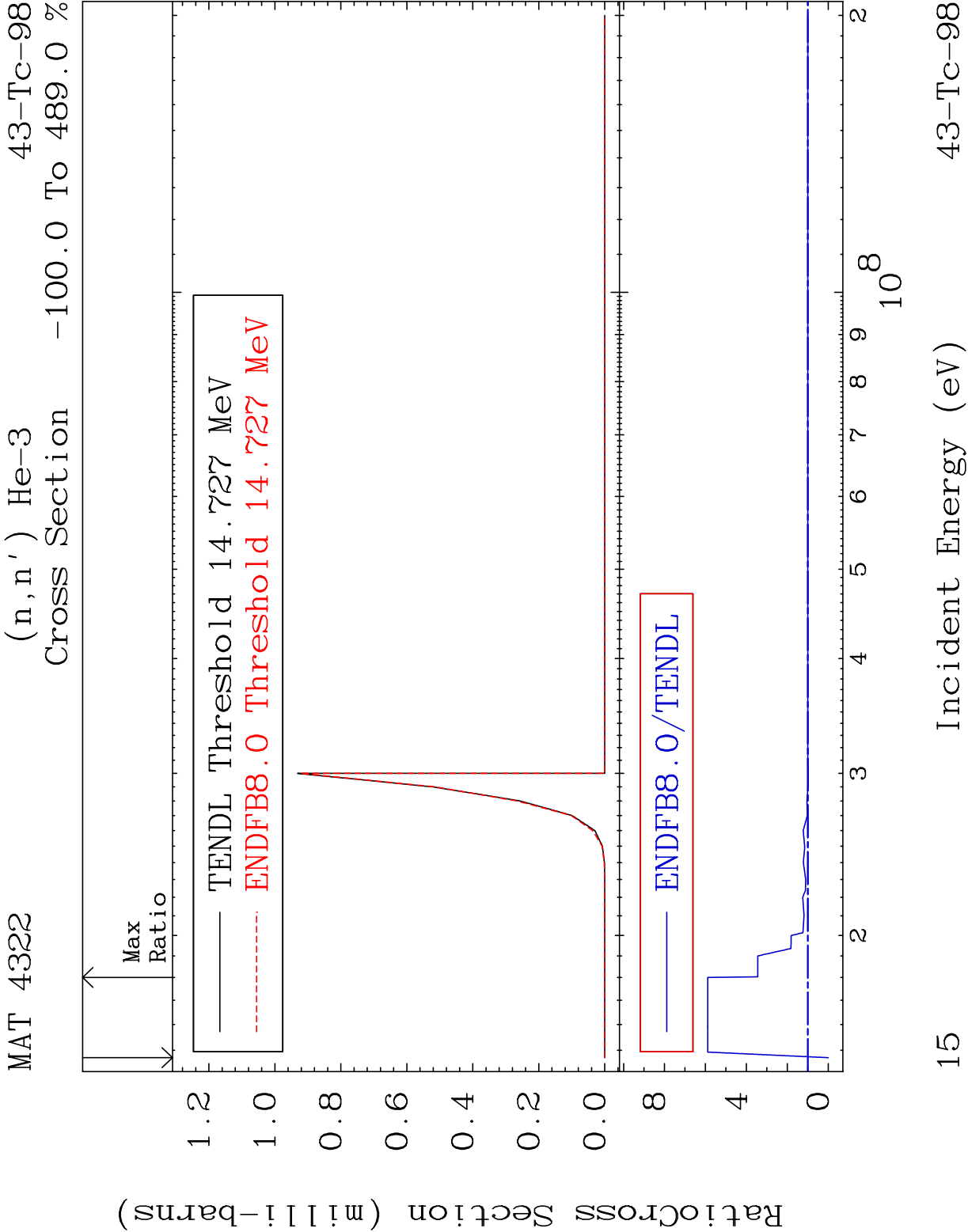


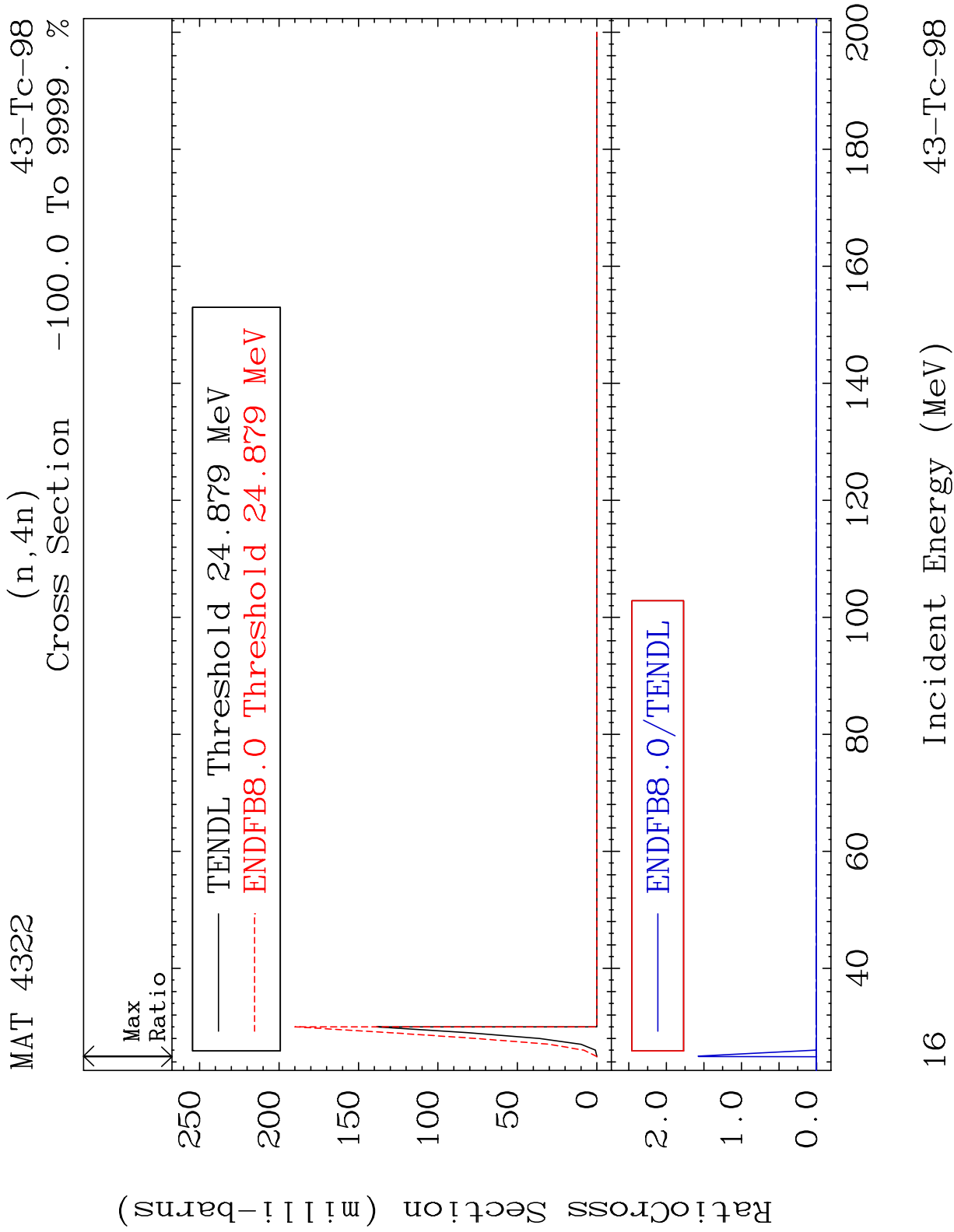


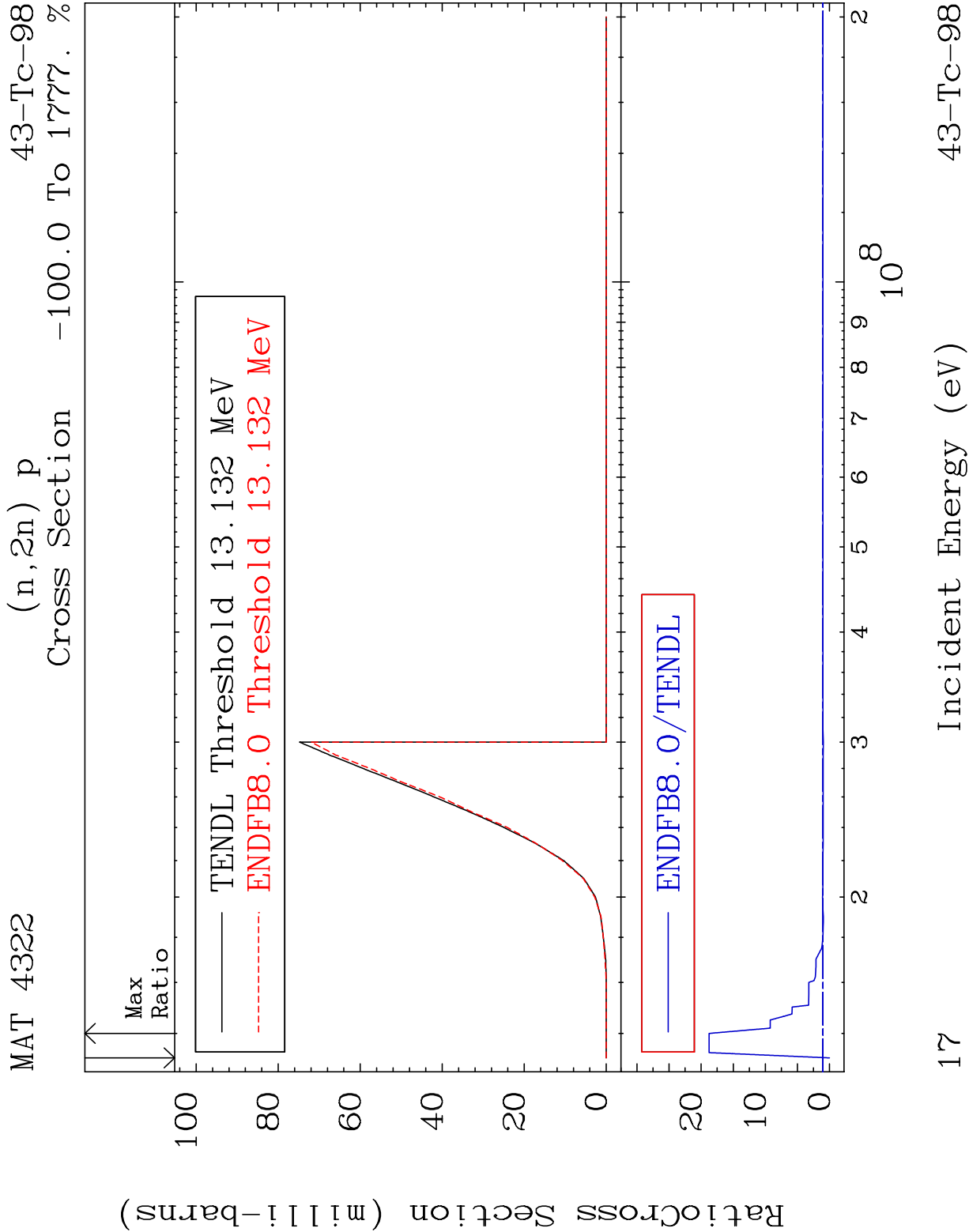


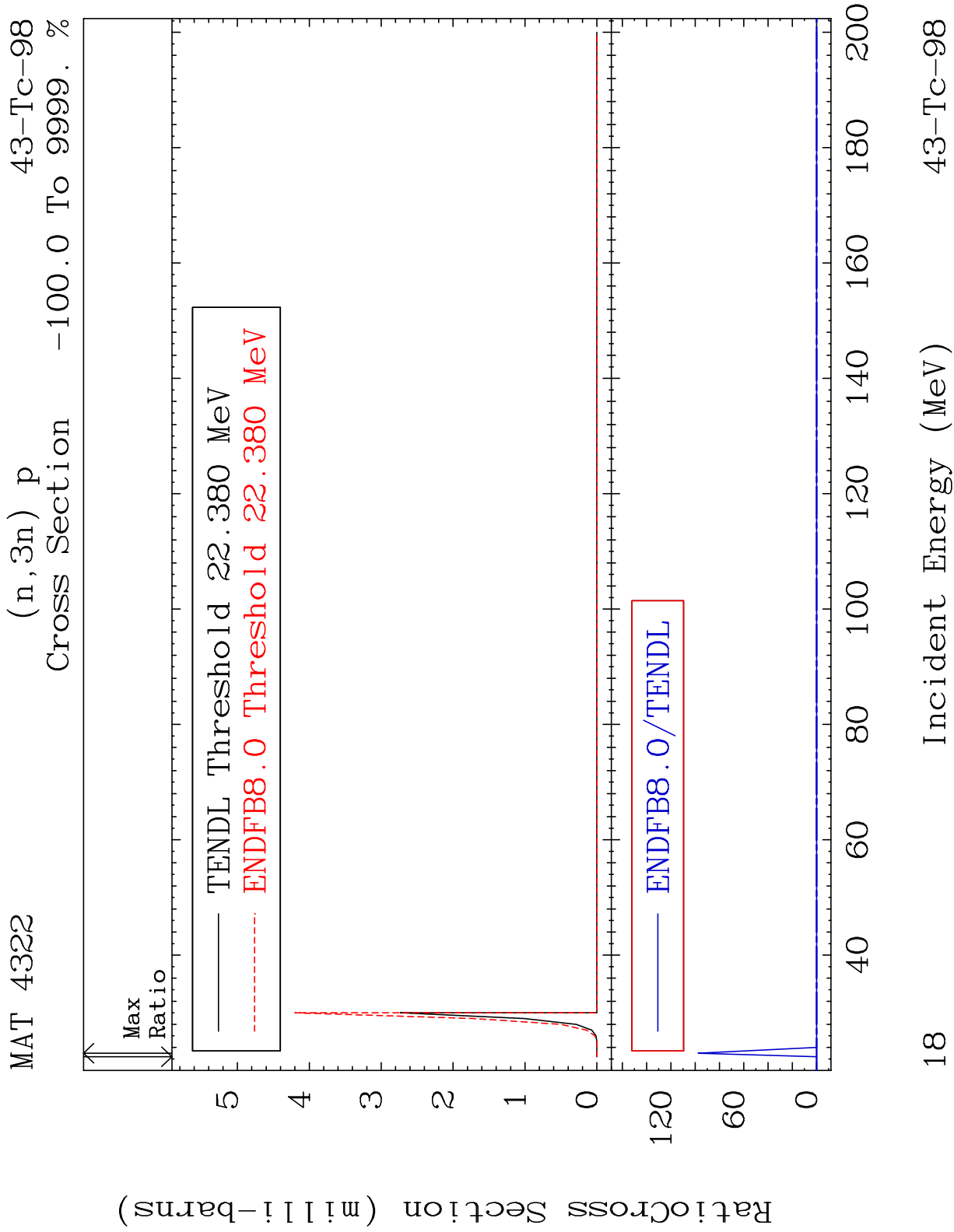


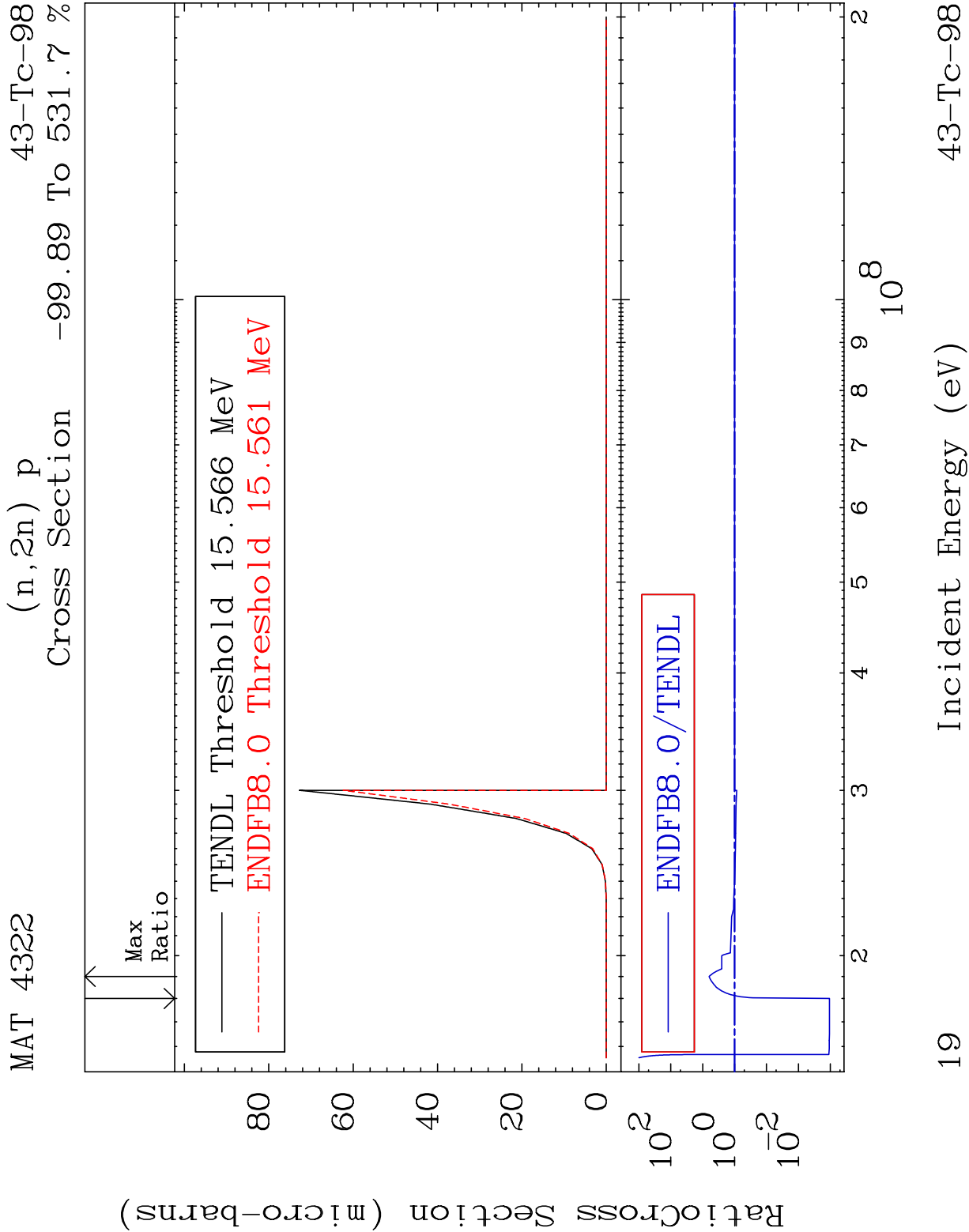


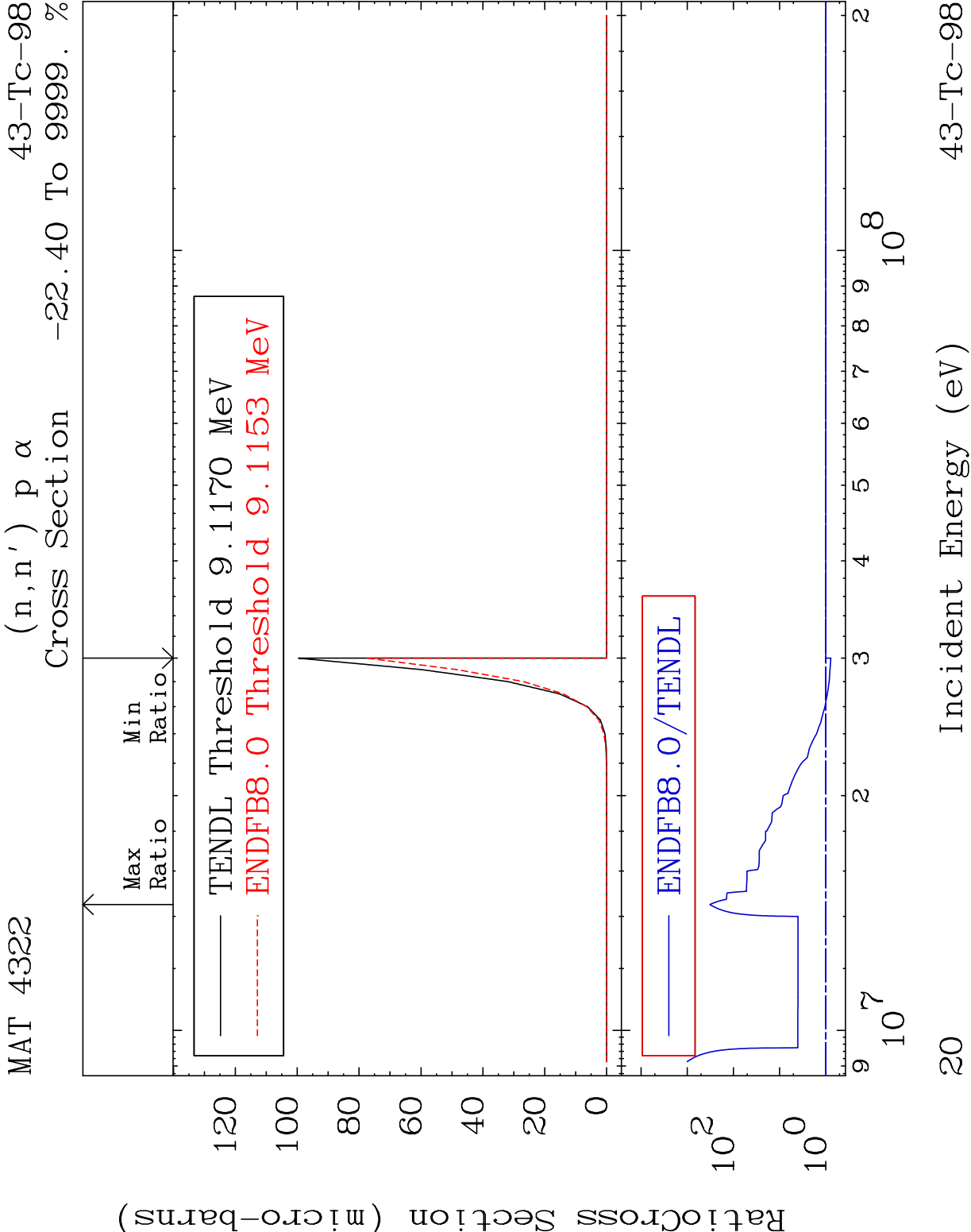




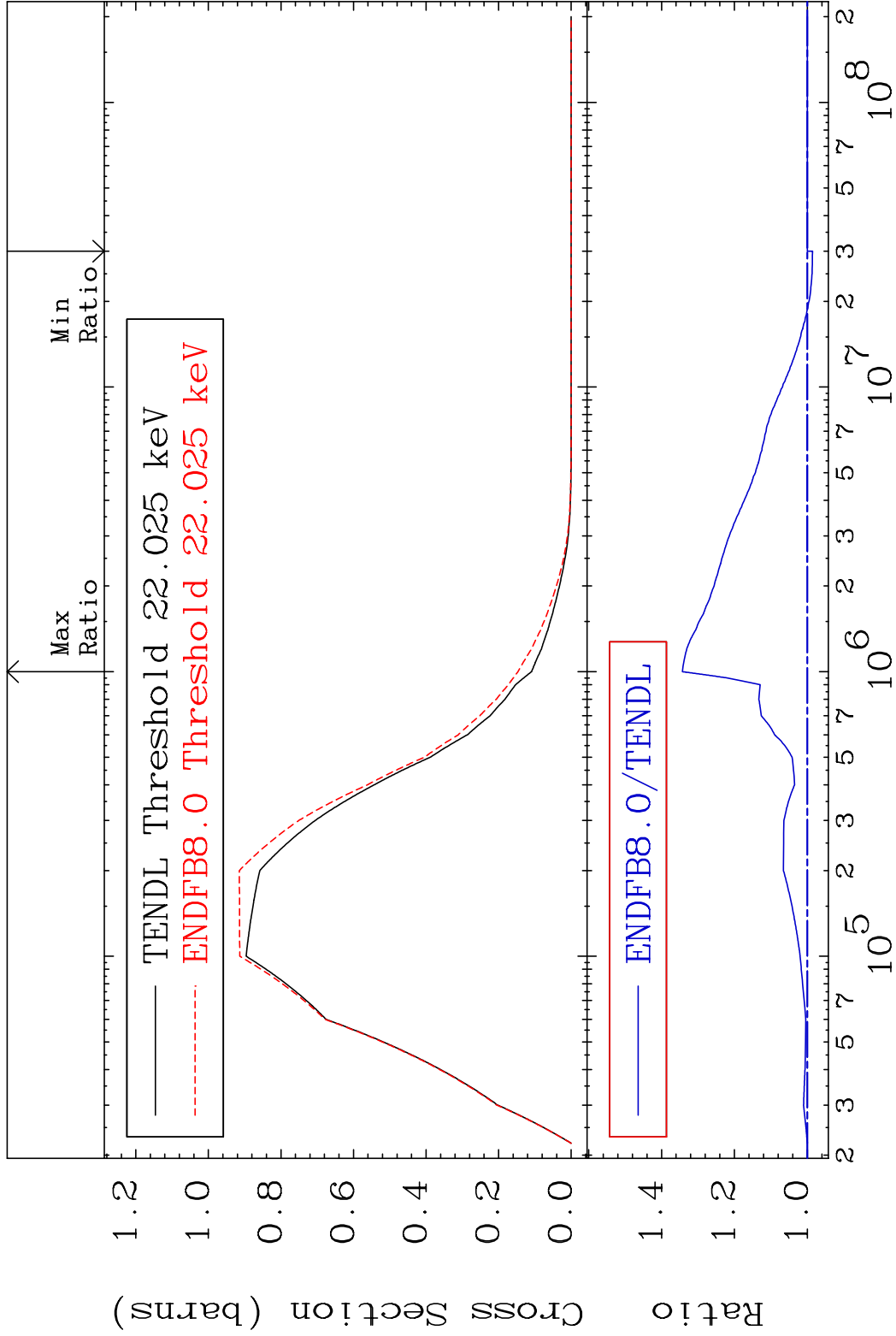




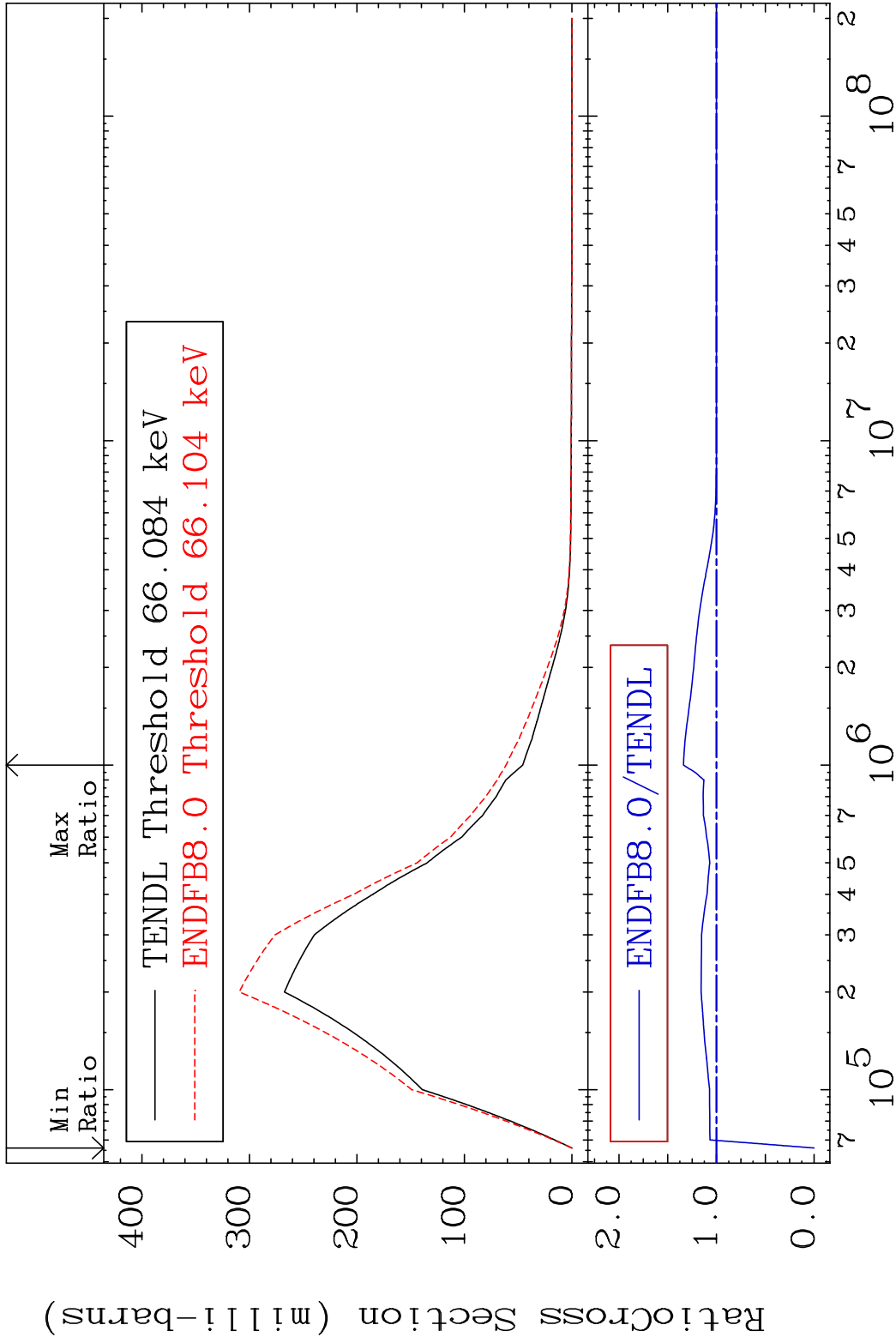




MAT 4322 MT= 51 (n,n') Level 43-Tc-98
 Cross Section -1.432 To 34.29 %



MAT 4322 MT= 52 (n,n') Level 43-Tc-98
Cross Section -100.0 To 33.86 %



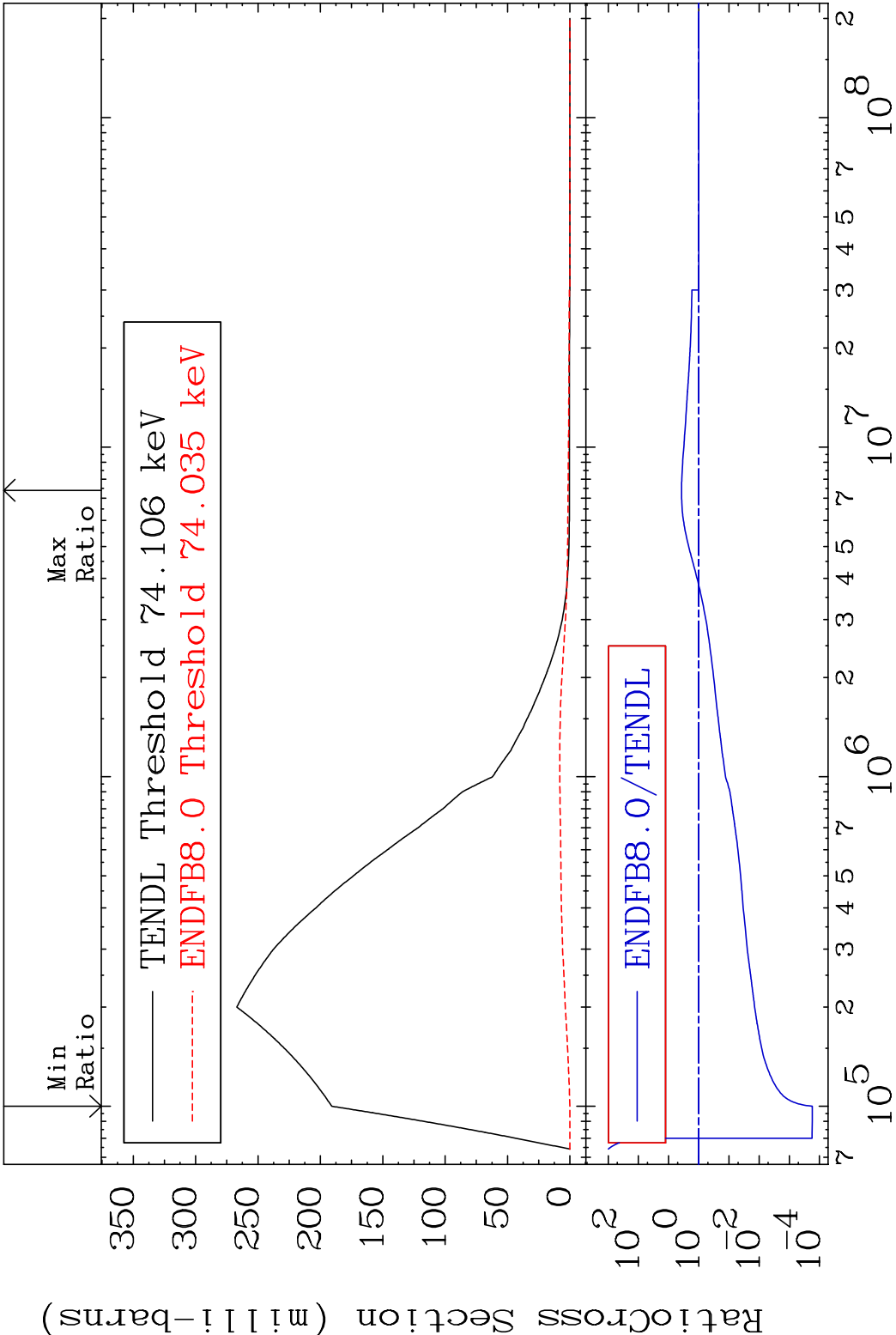
MAT 4322

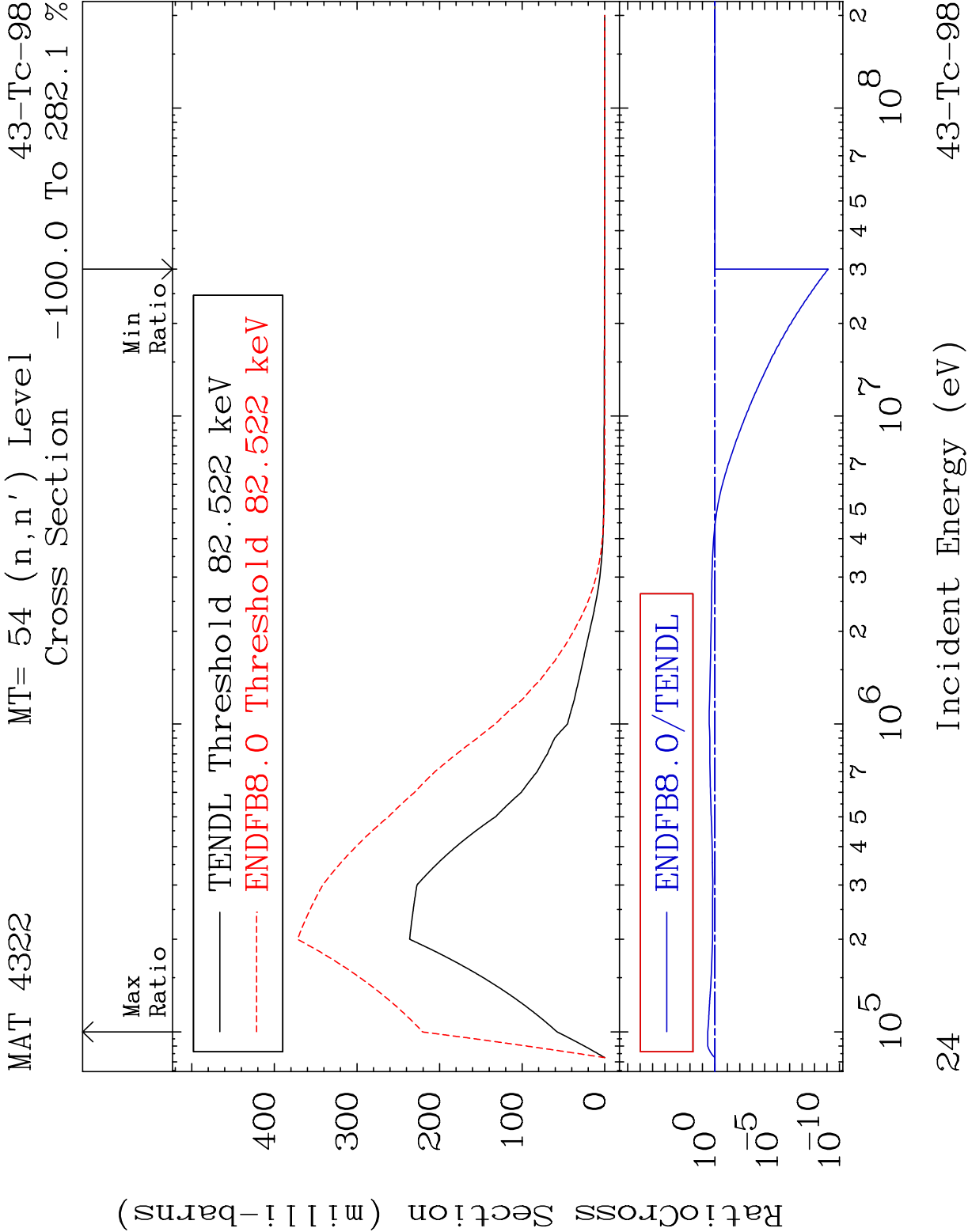
MT= 53 (n,n') Level

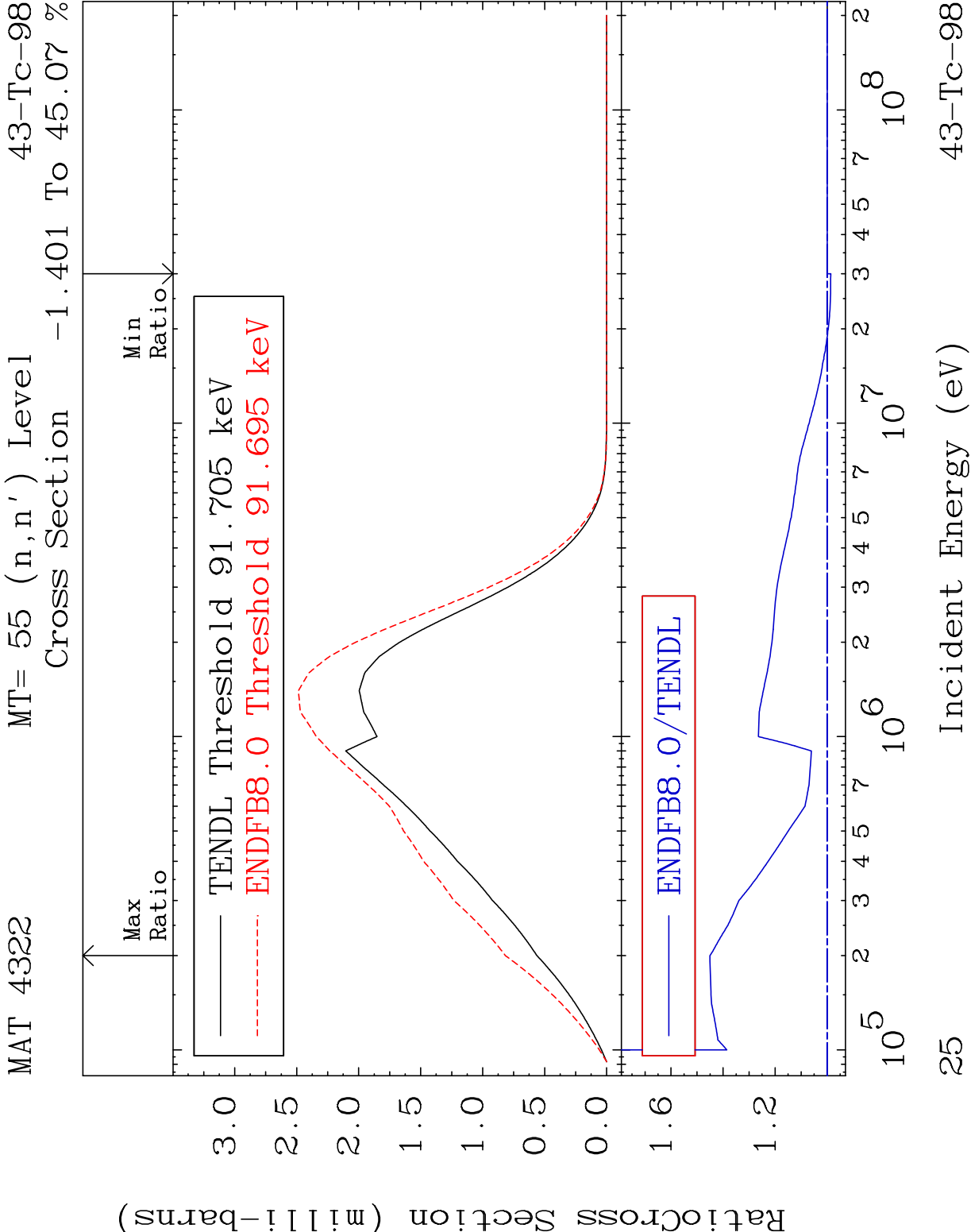
43-Tc-98

Cross Section

-99.98 To 272.3 %







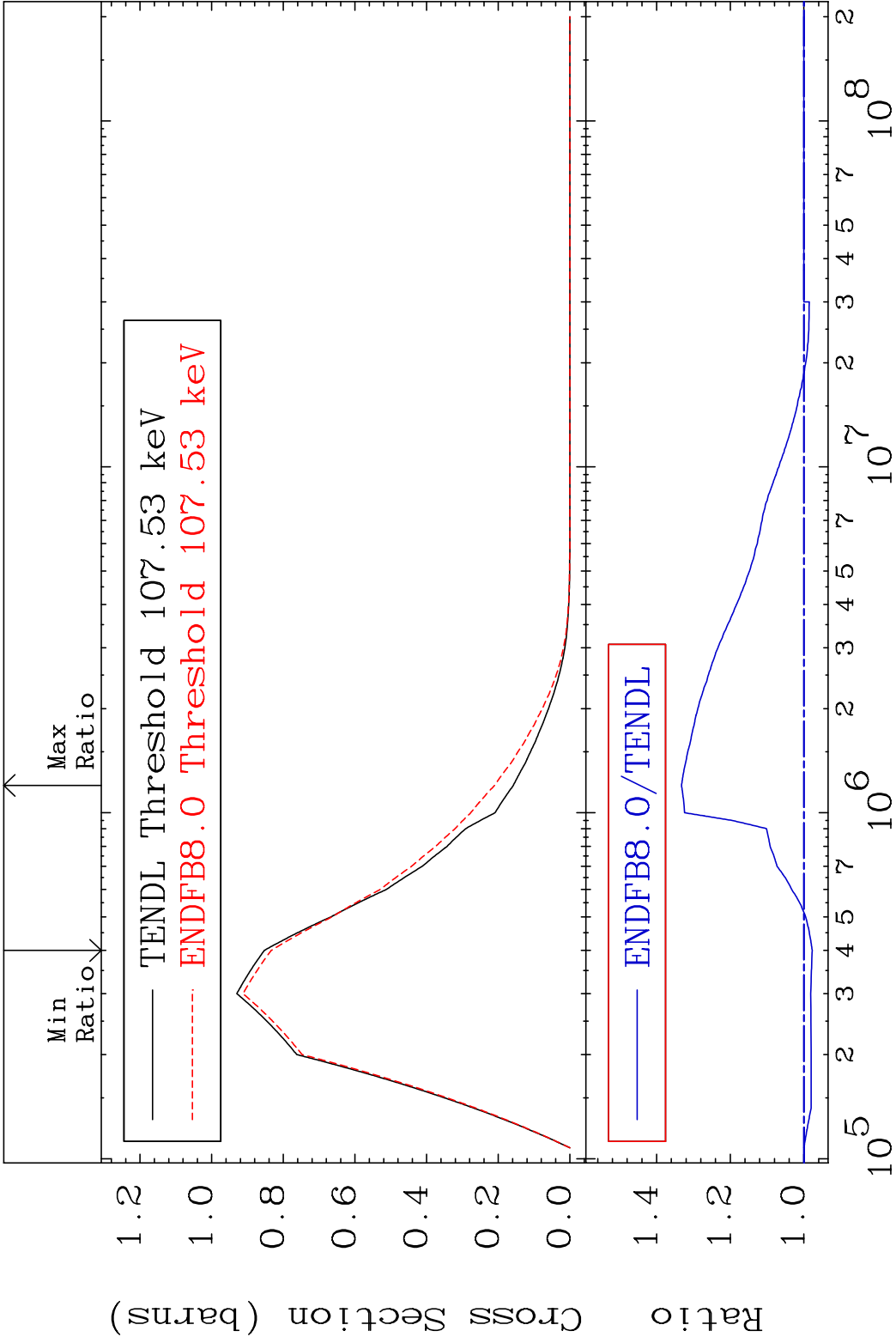
MAT 4322

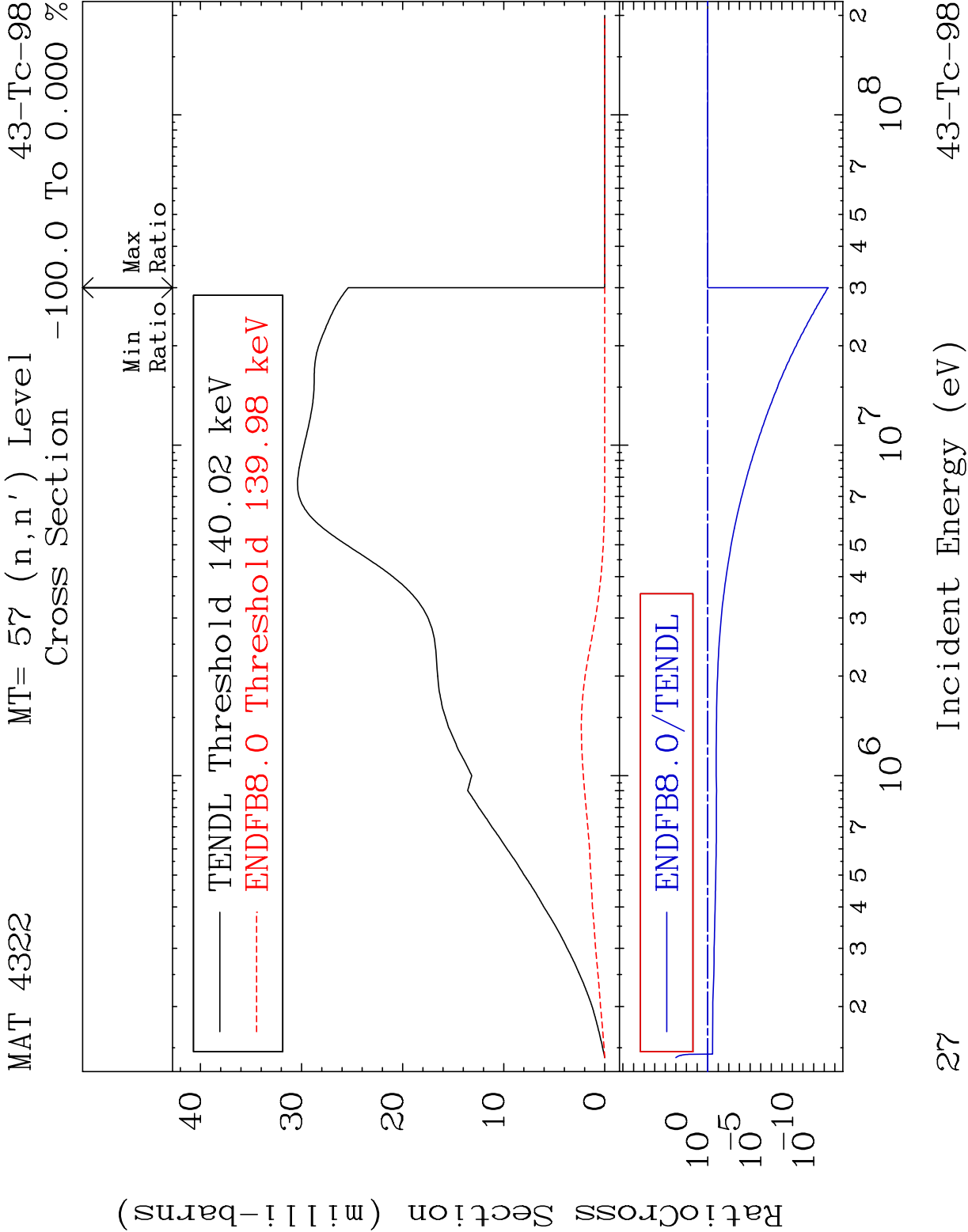
MT= 56 (n,n') Level

43-Tc-98

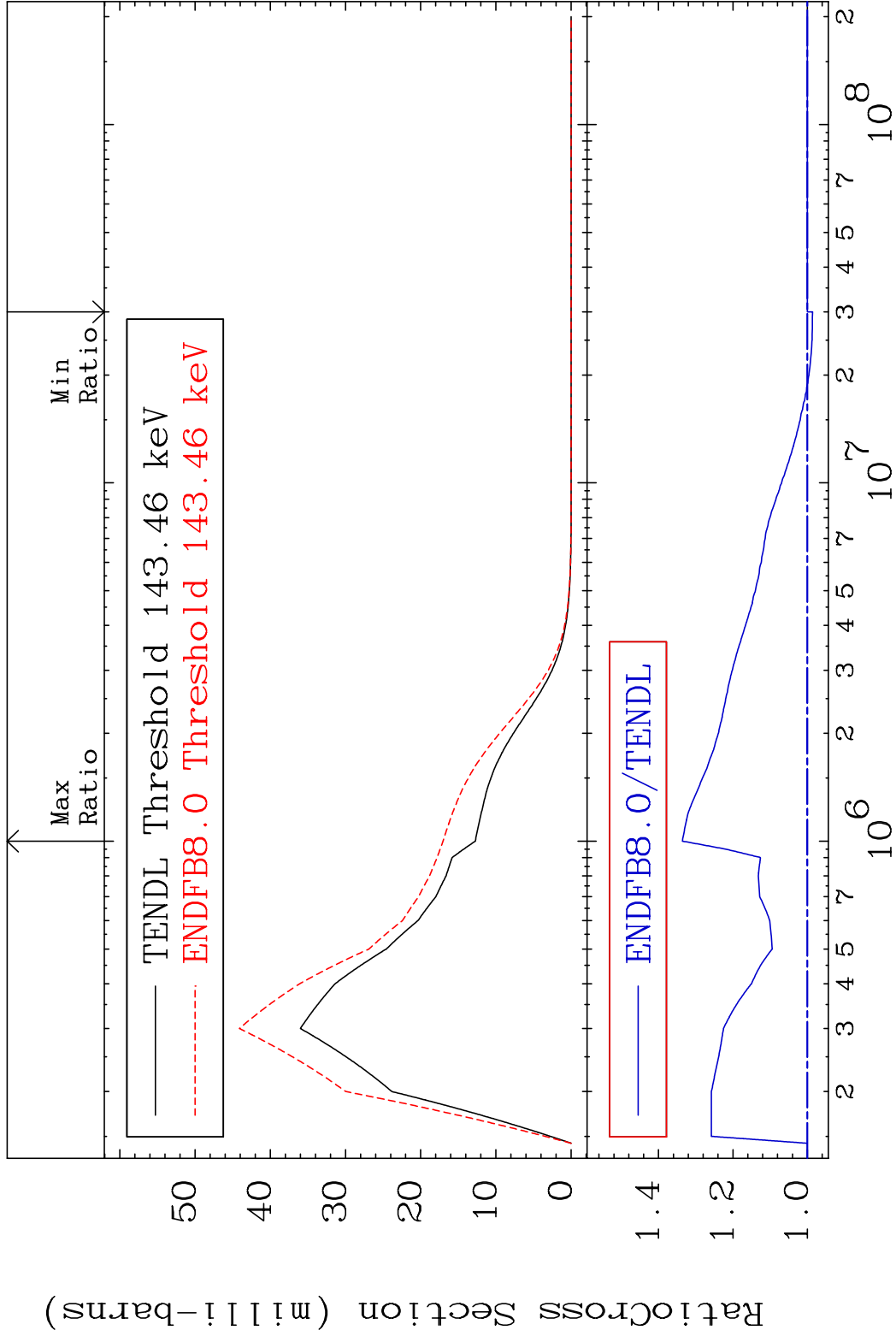
Cross Section

-2.259 To 33.24 %

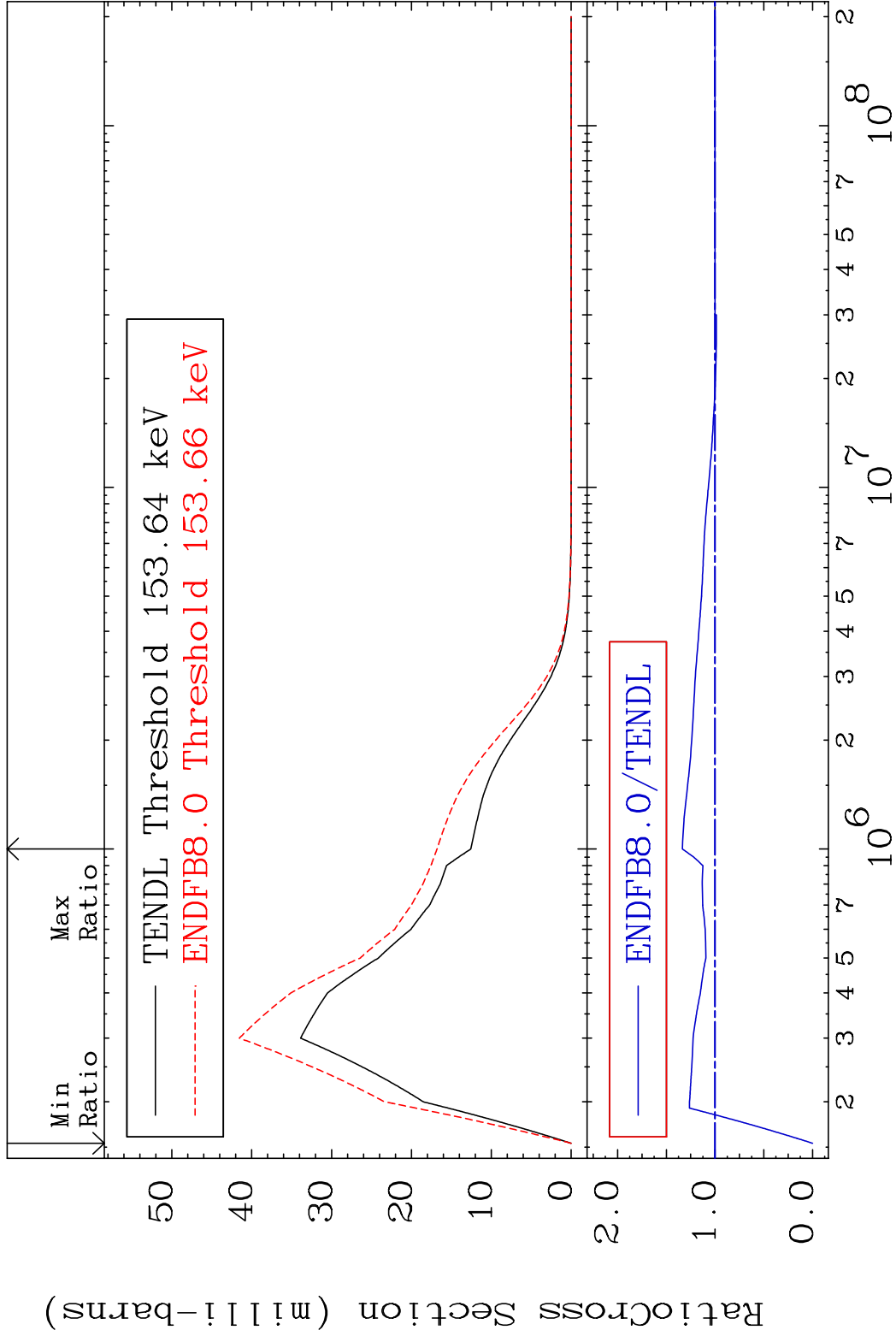




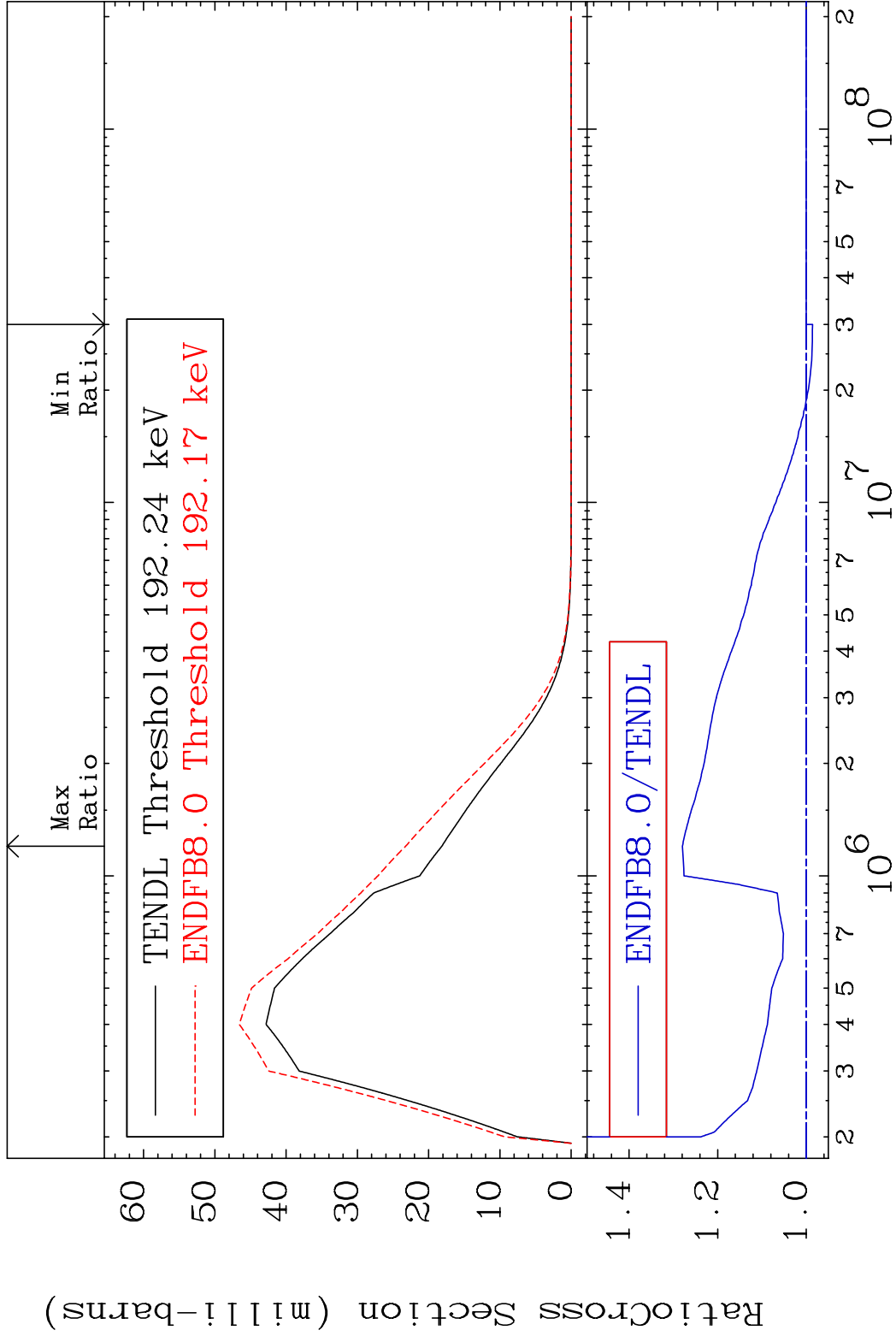
MAT 4322 MT= 58 (n,n') Level 43-Tc-98
Cross Section -1.409 To 33.59 %



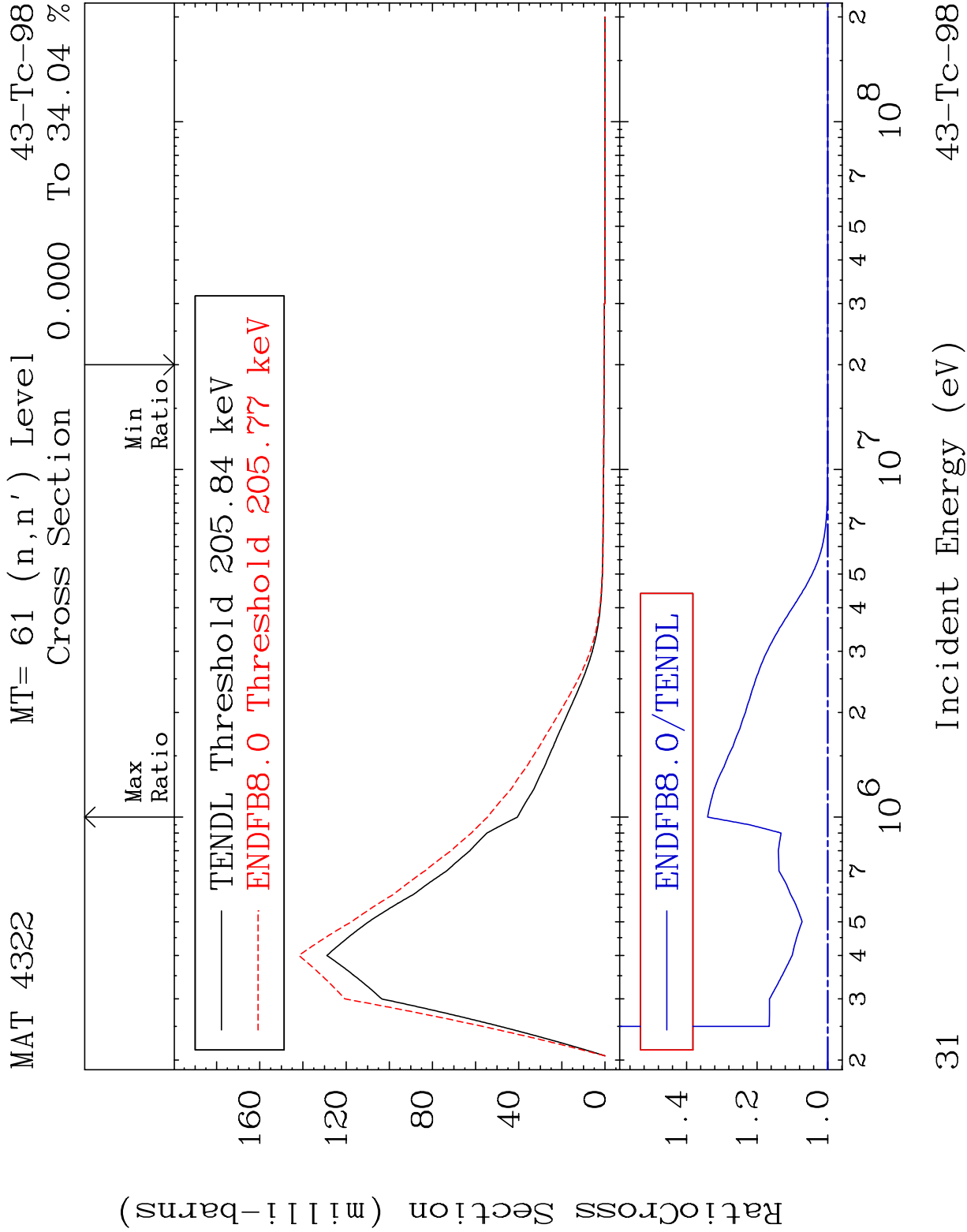
MAT 4322 MT= 59 (n,n') Level 43-Tc-98
Cross Section -100.0 To 33.57 %



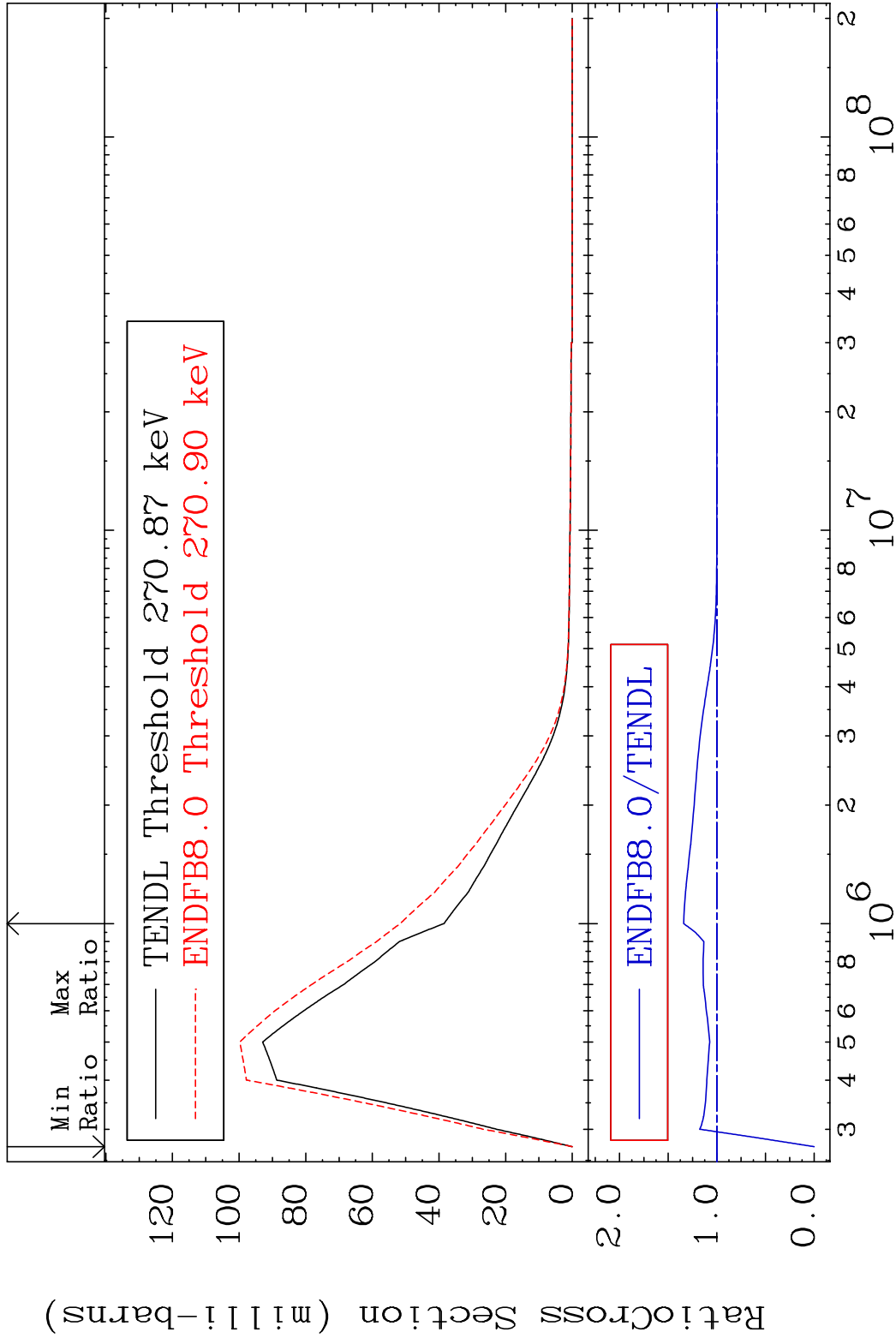
MAT 4322 MT= 60 (n,n') Level 43-Tc-98
Cross Section -1.419 To 27.98 %



30 Incident Energy (eV) 43-Tc-98

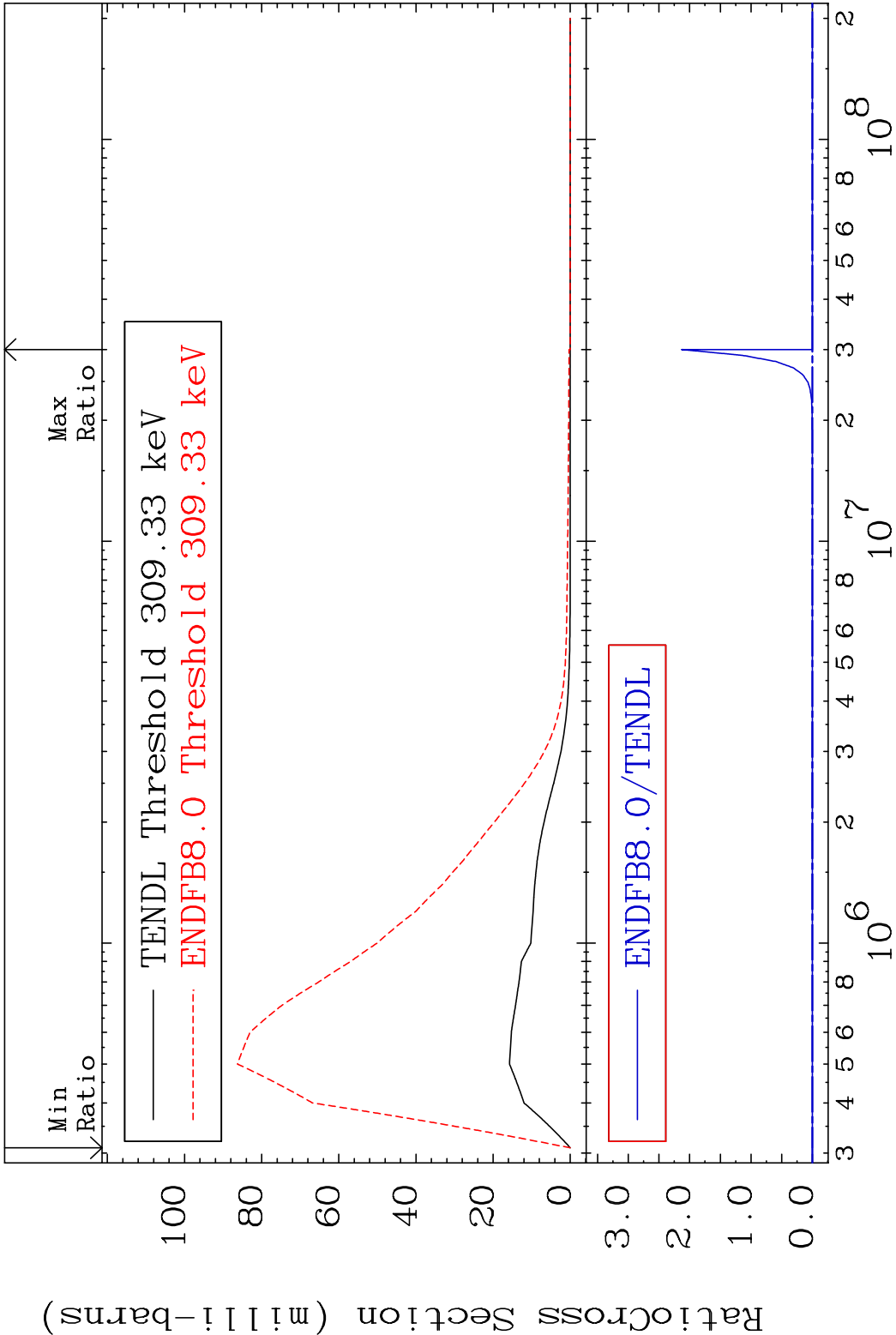


MAT 4322 MT= 62 (n,n') Level 43-Tc-98
Cross Section -100.0 To 34.11 %

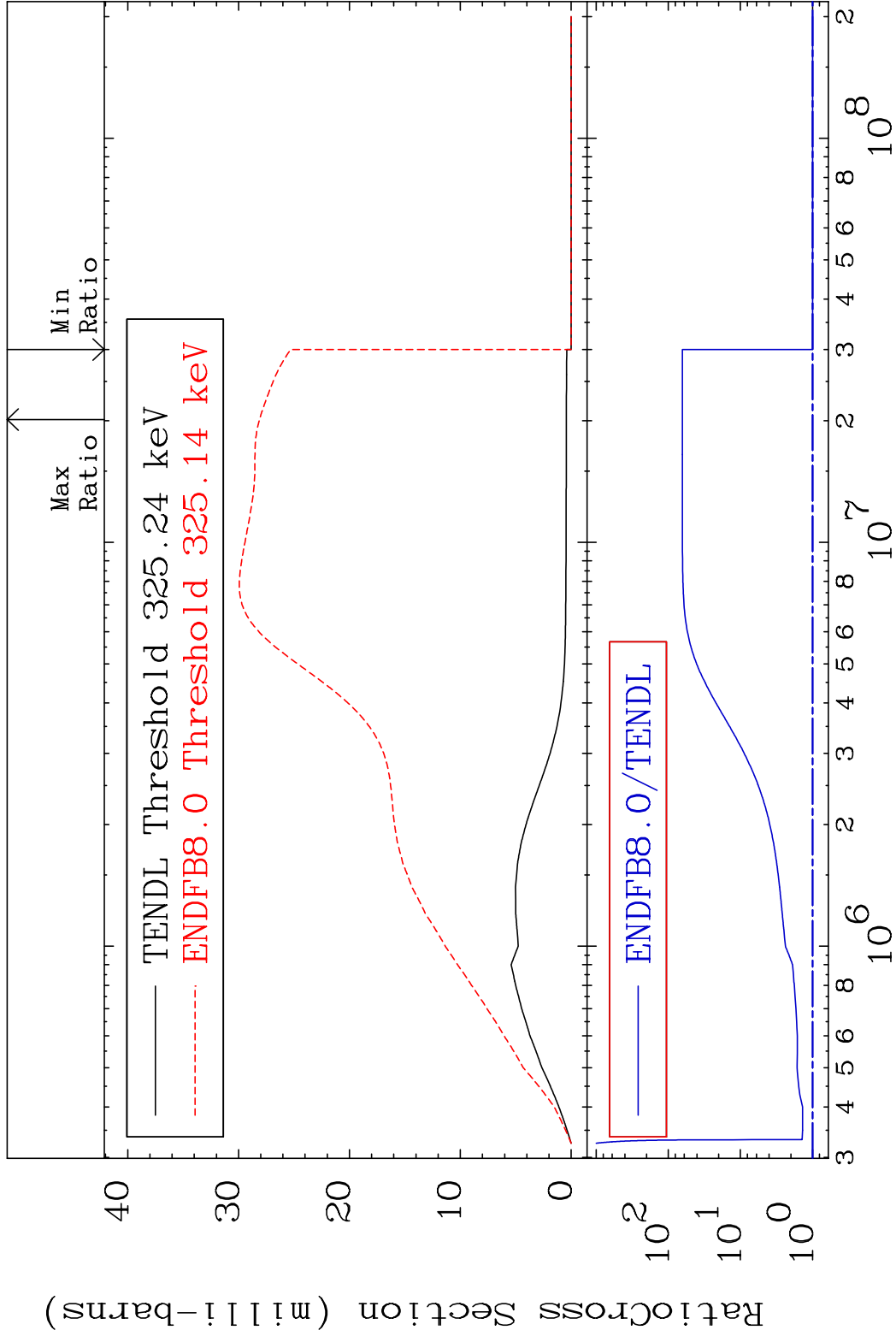


MAT 4322 MT= 63 (n,n') Level 43-Tc-98

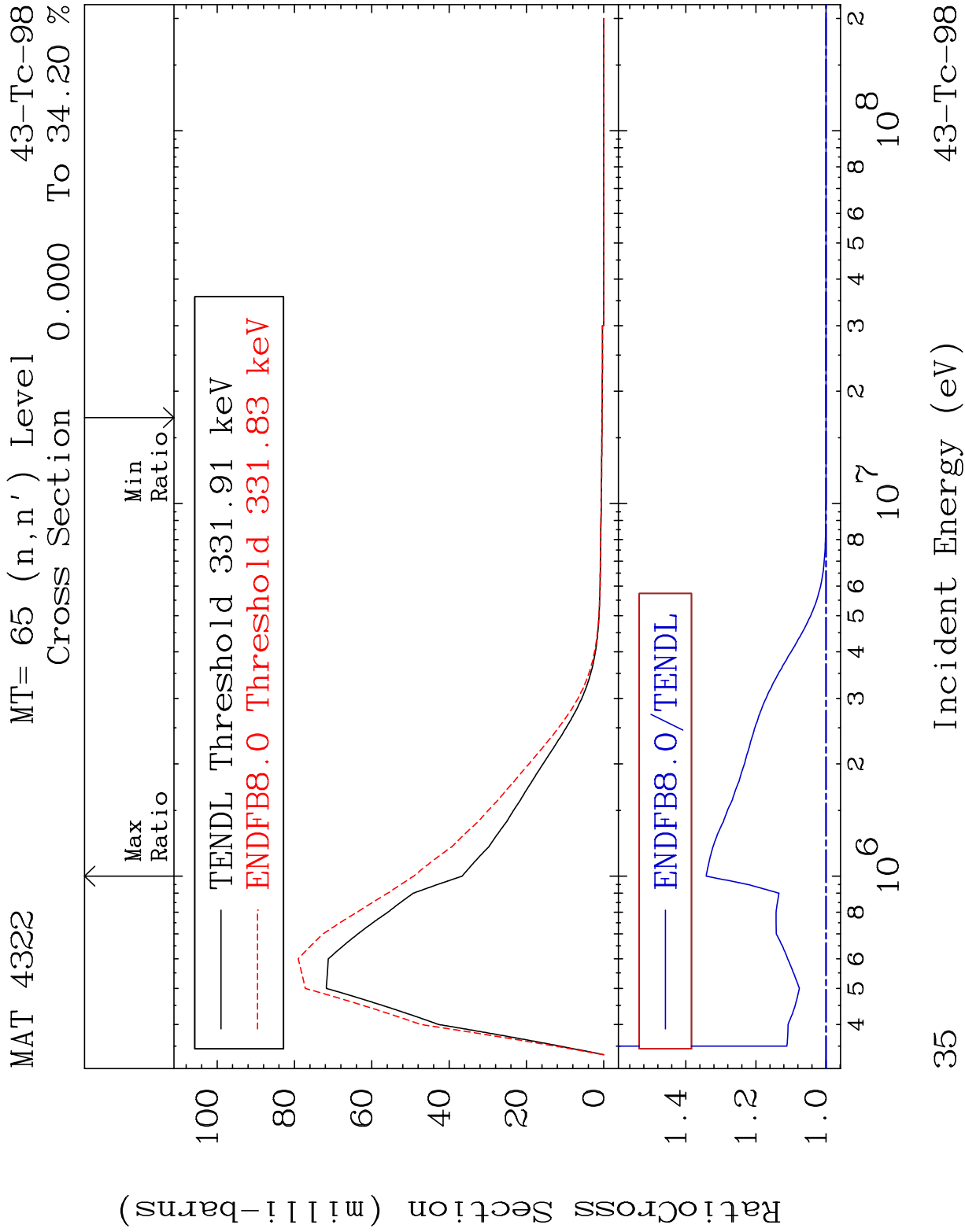
Cross Section -100.0 To 9999. %



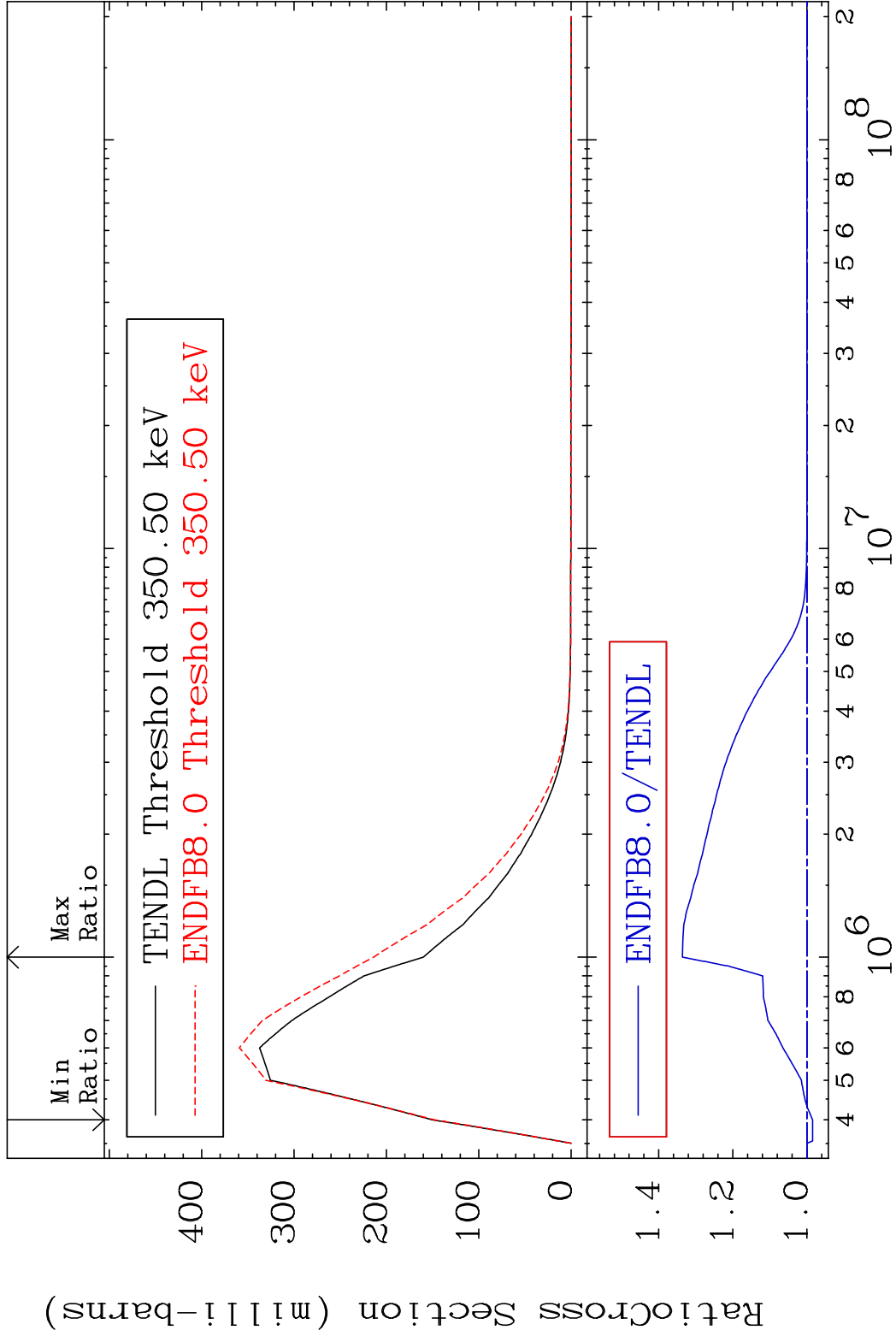
MAT 4322 MT= 64 (n,n') Level 43-Tc-98
Cross Section 0.000 To 6284. %



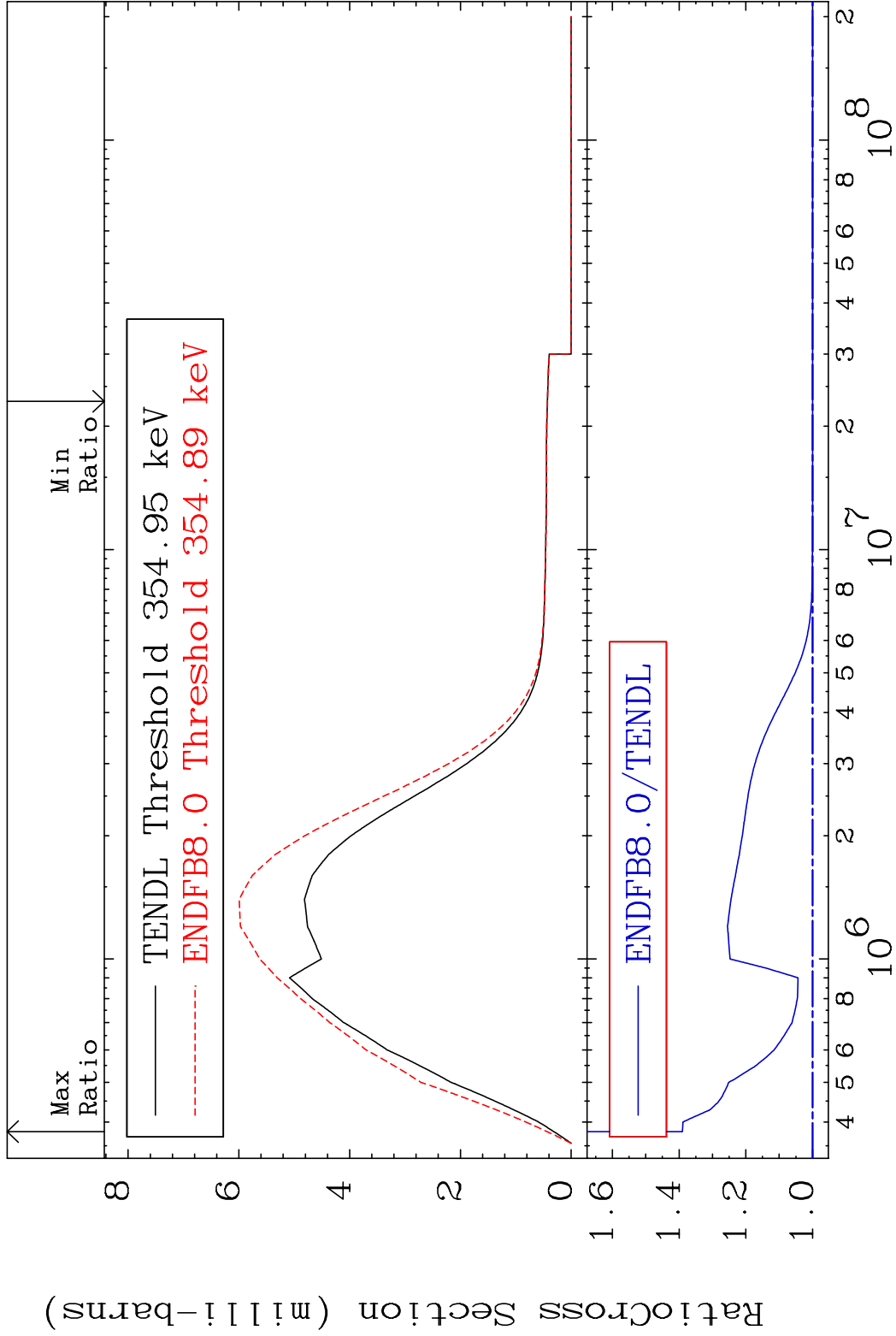
34 Incident Energy (eV) 43-Tc-98

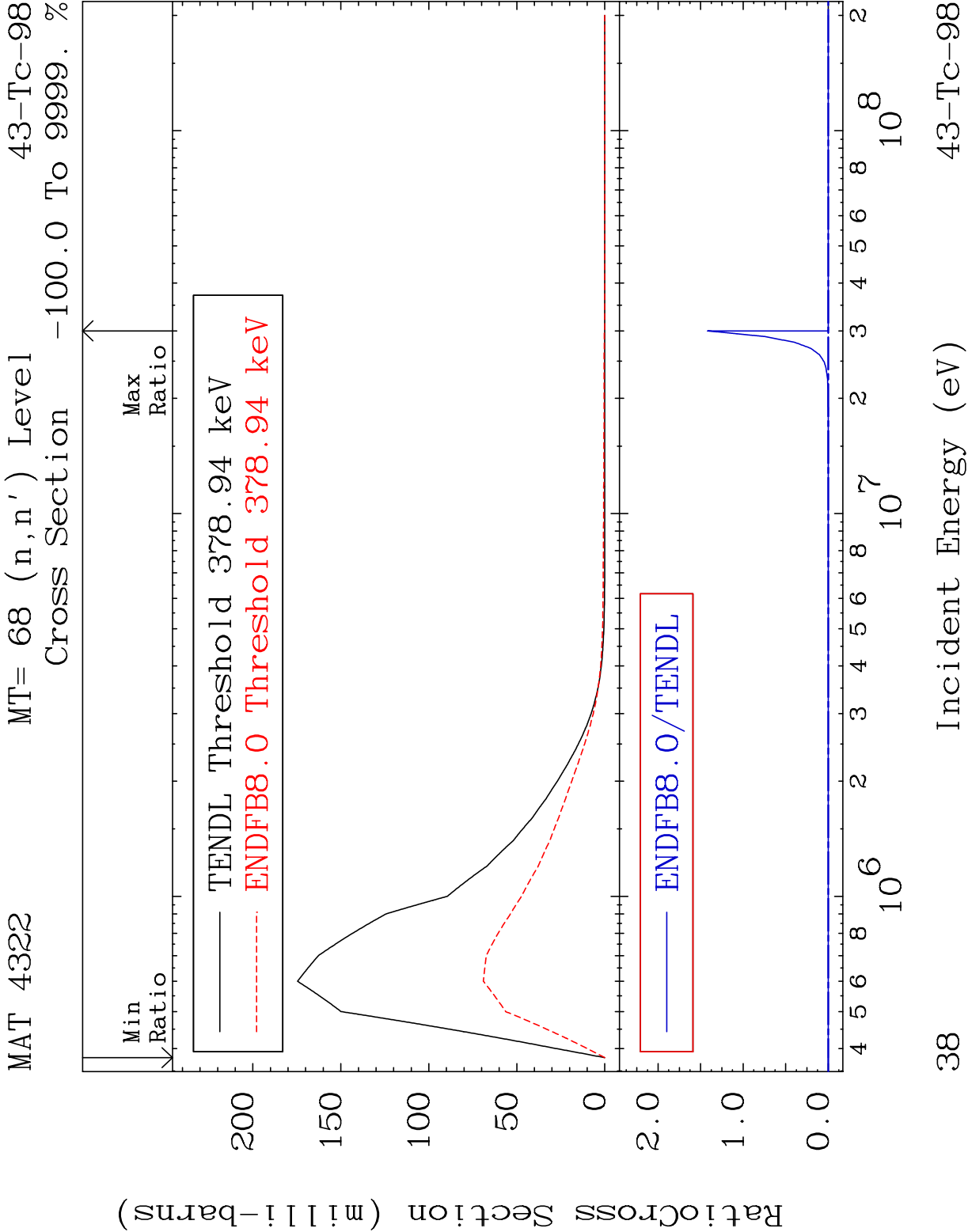


MAT 4322 MT= 66 (n,n') Level 43-Tc-98
Cross Section -1.534 To 33.63 %

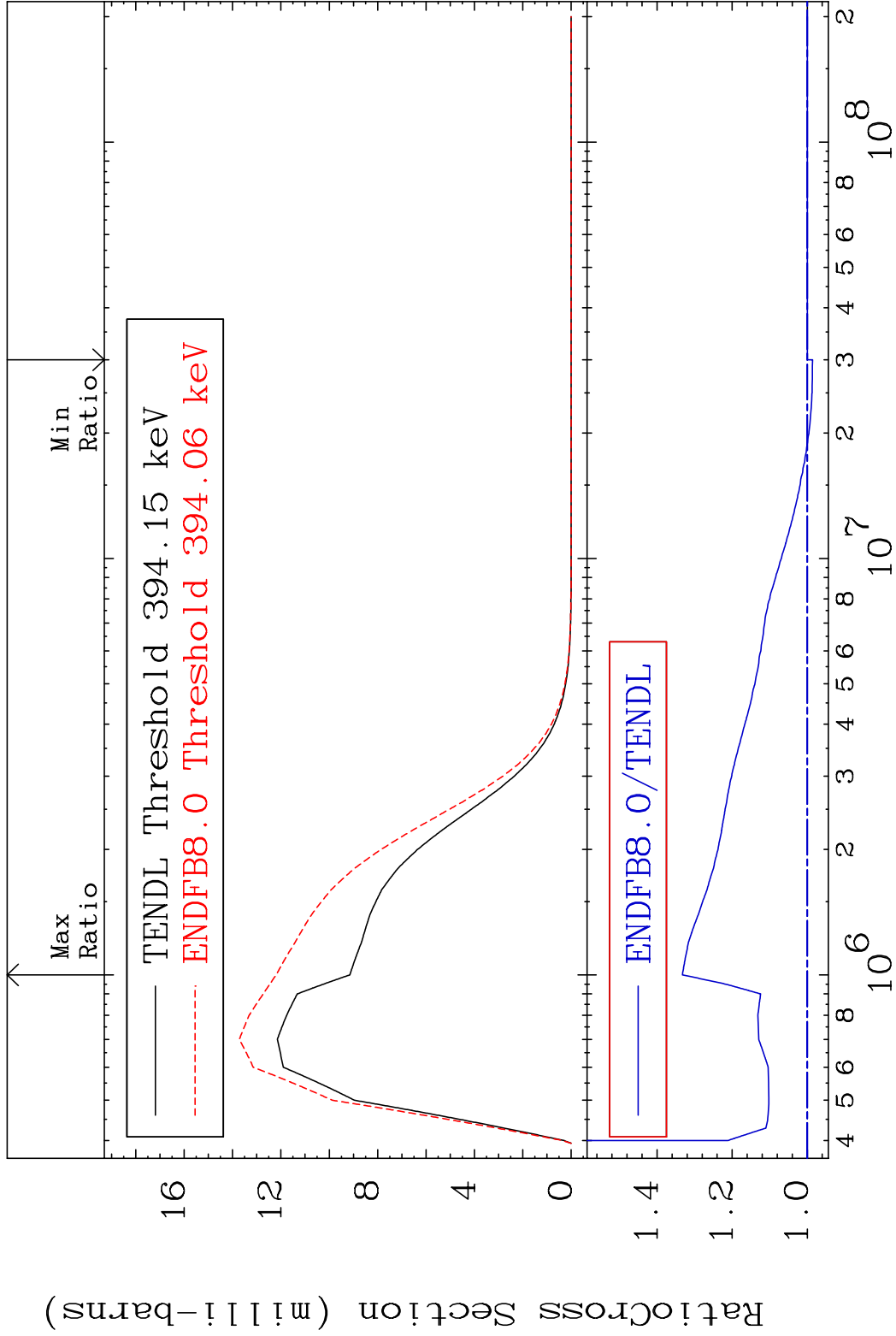


MAT 4322 MT= 67 (n,n') Level 43-Tc-98
Cross Section 0.000 To 39.03 %

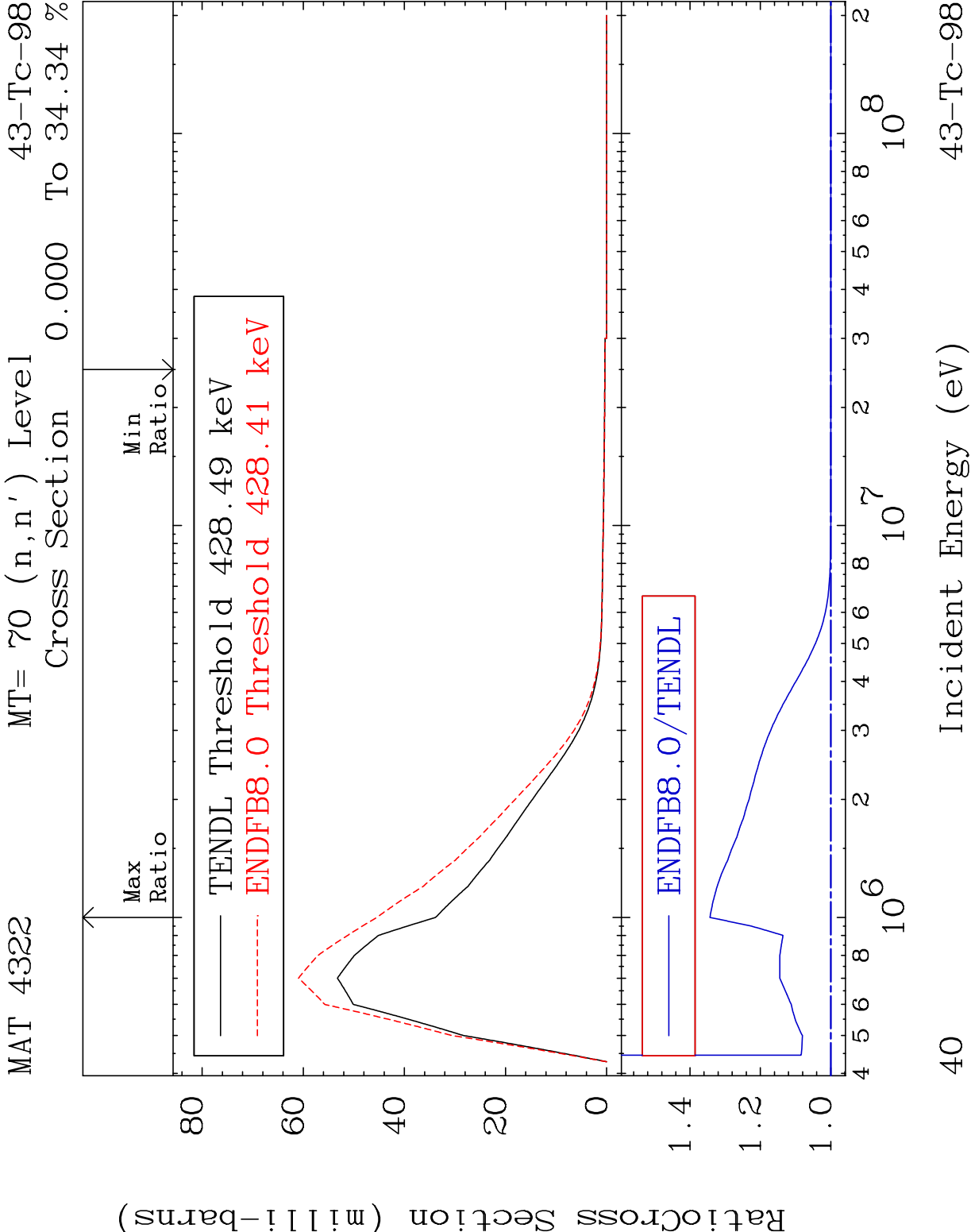


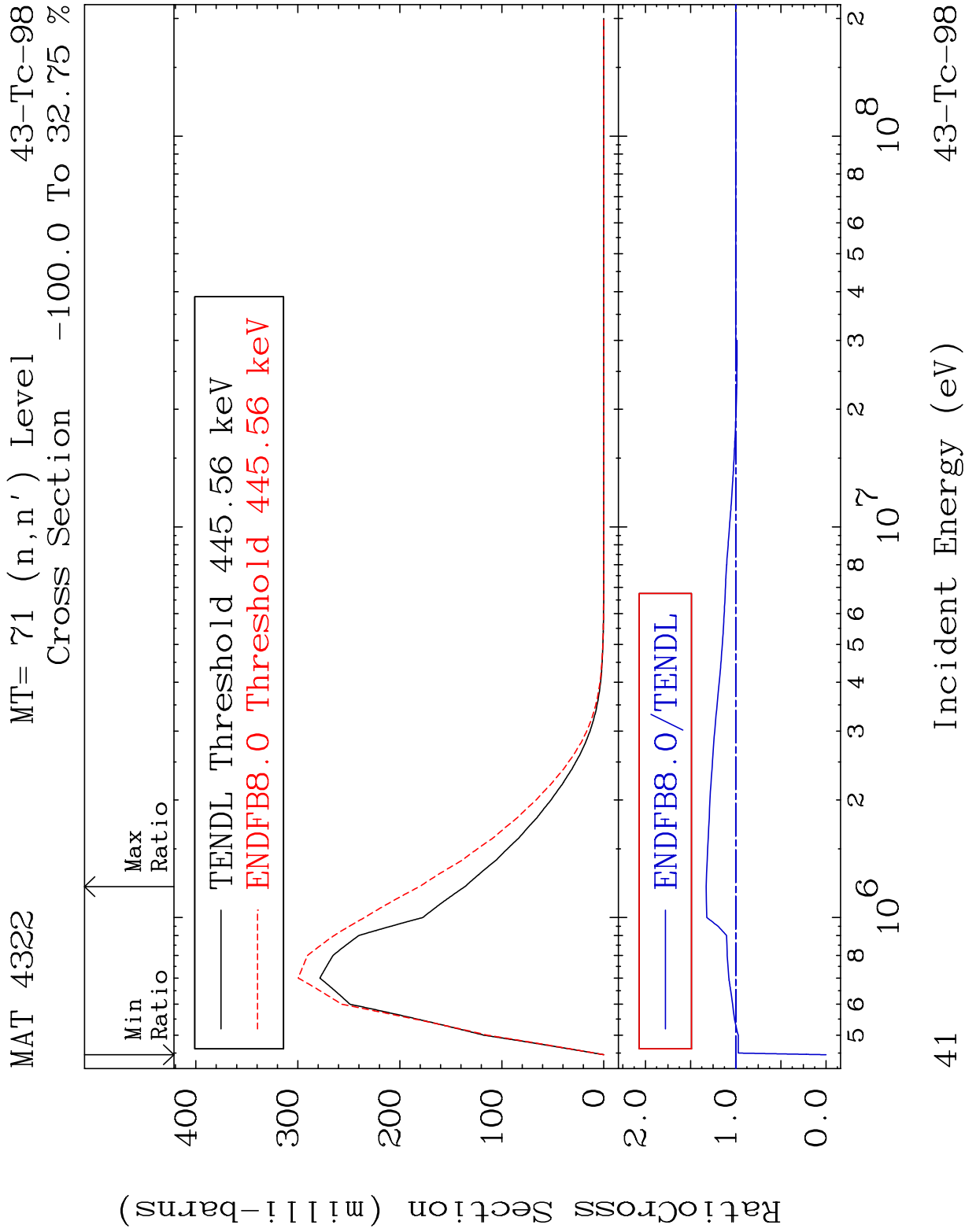


MAT 4322 MT= 69 (n,n') Level 43-Tc-98
Cross Section -1.408 To 33.26 %

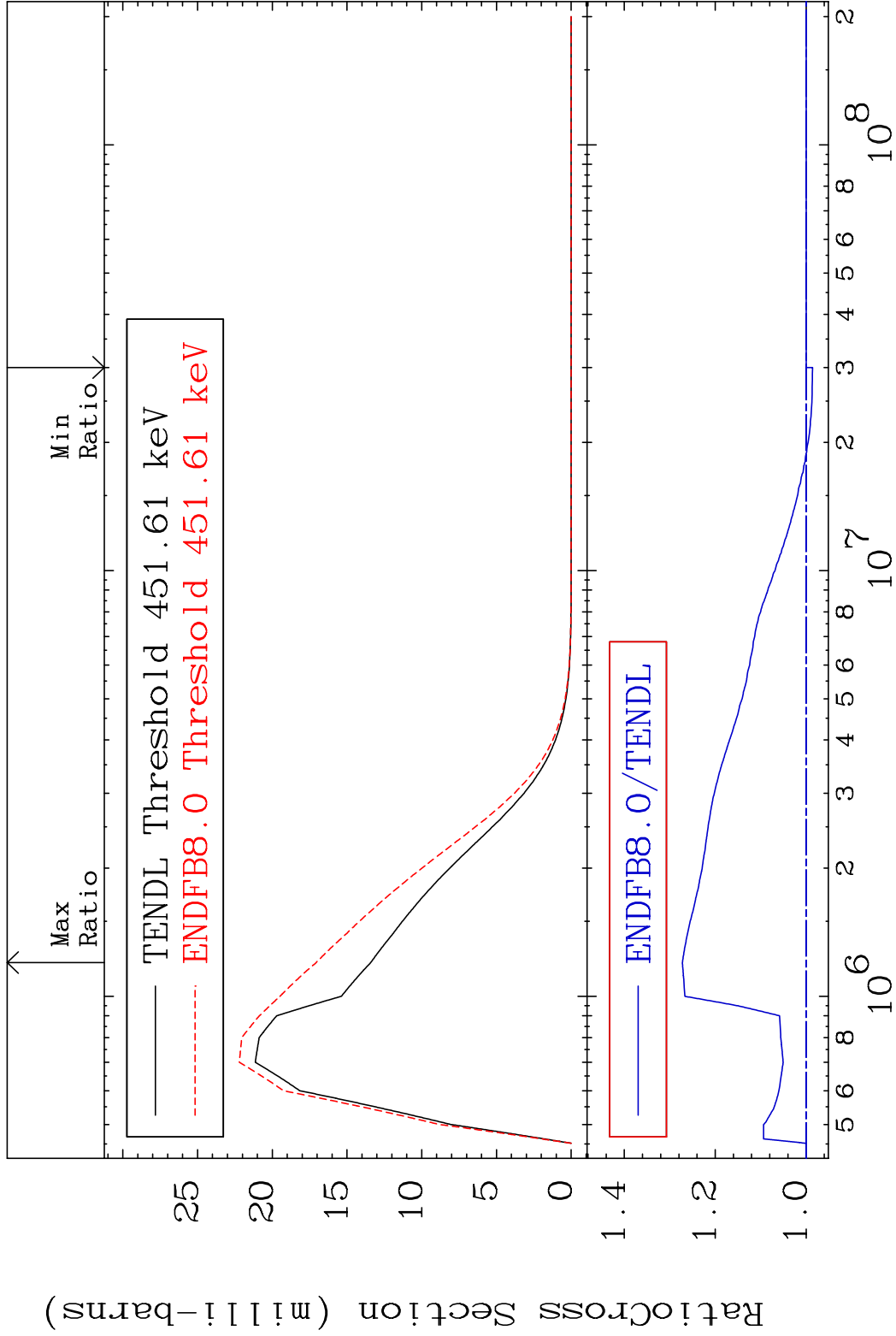


39 Incident Energy (eV) 43-Tc-98

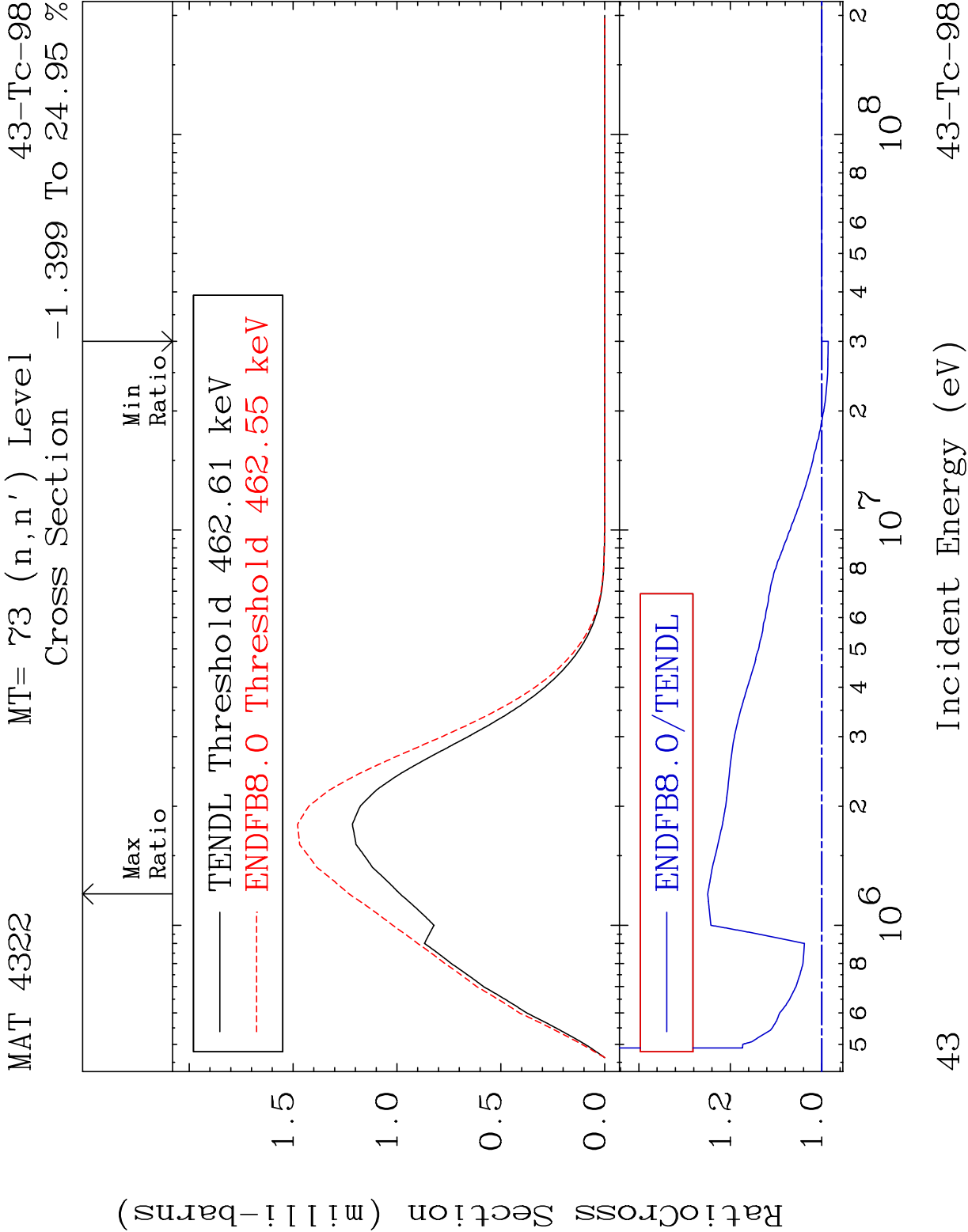




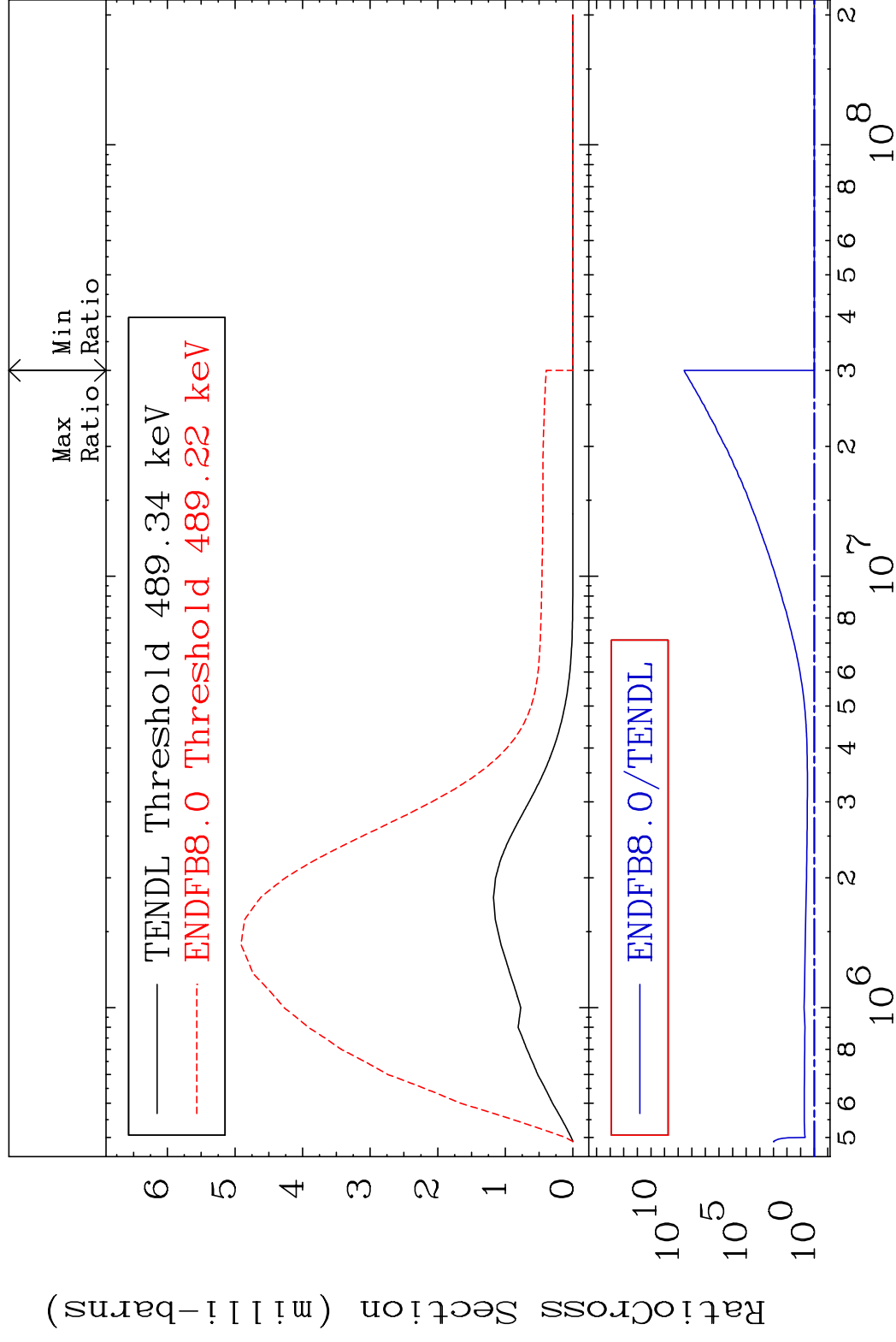
MAT 4322 MT= 72 (n,n') Level 43-Tc-98
Cross Section -1.418 To 27.23 %

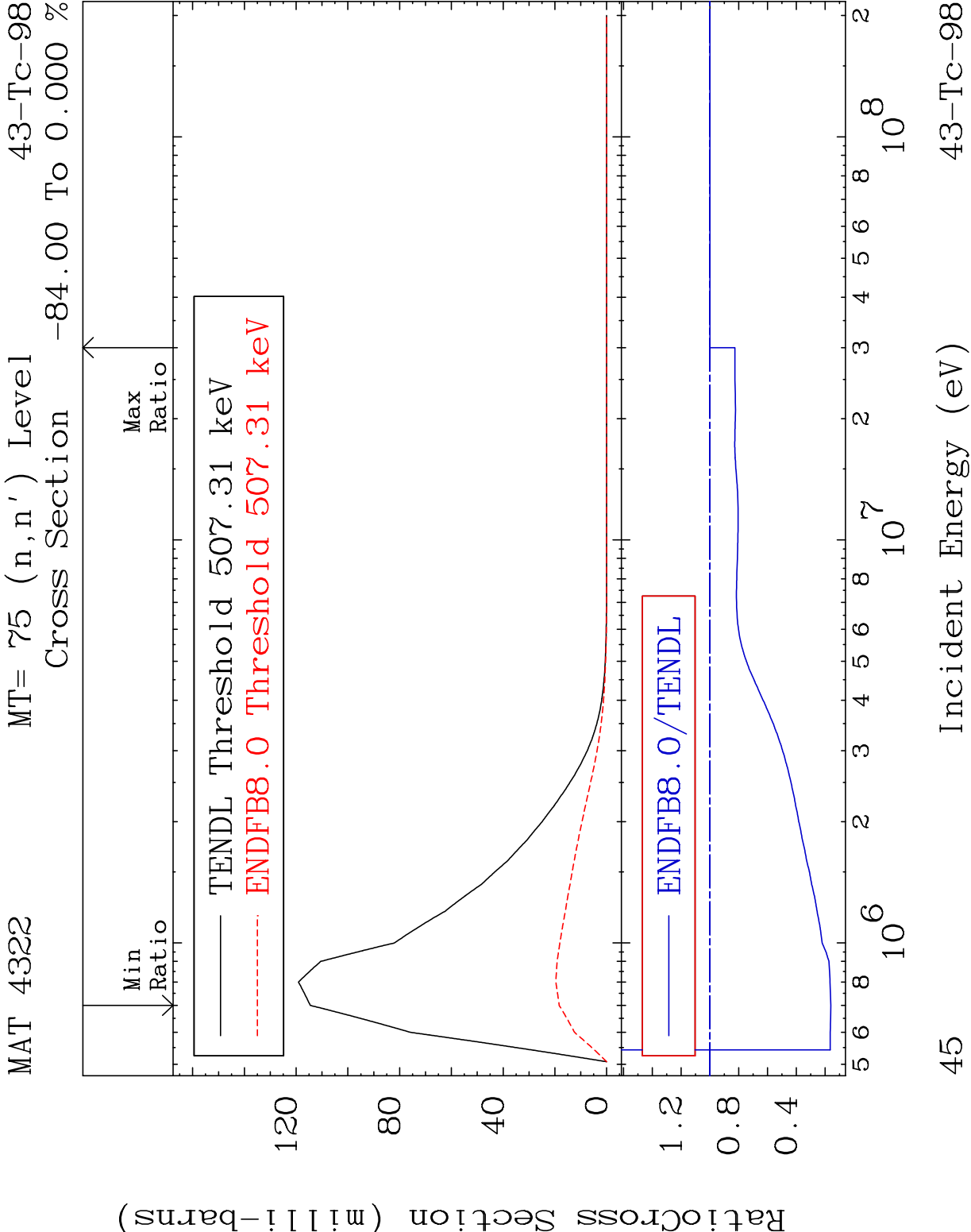


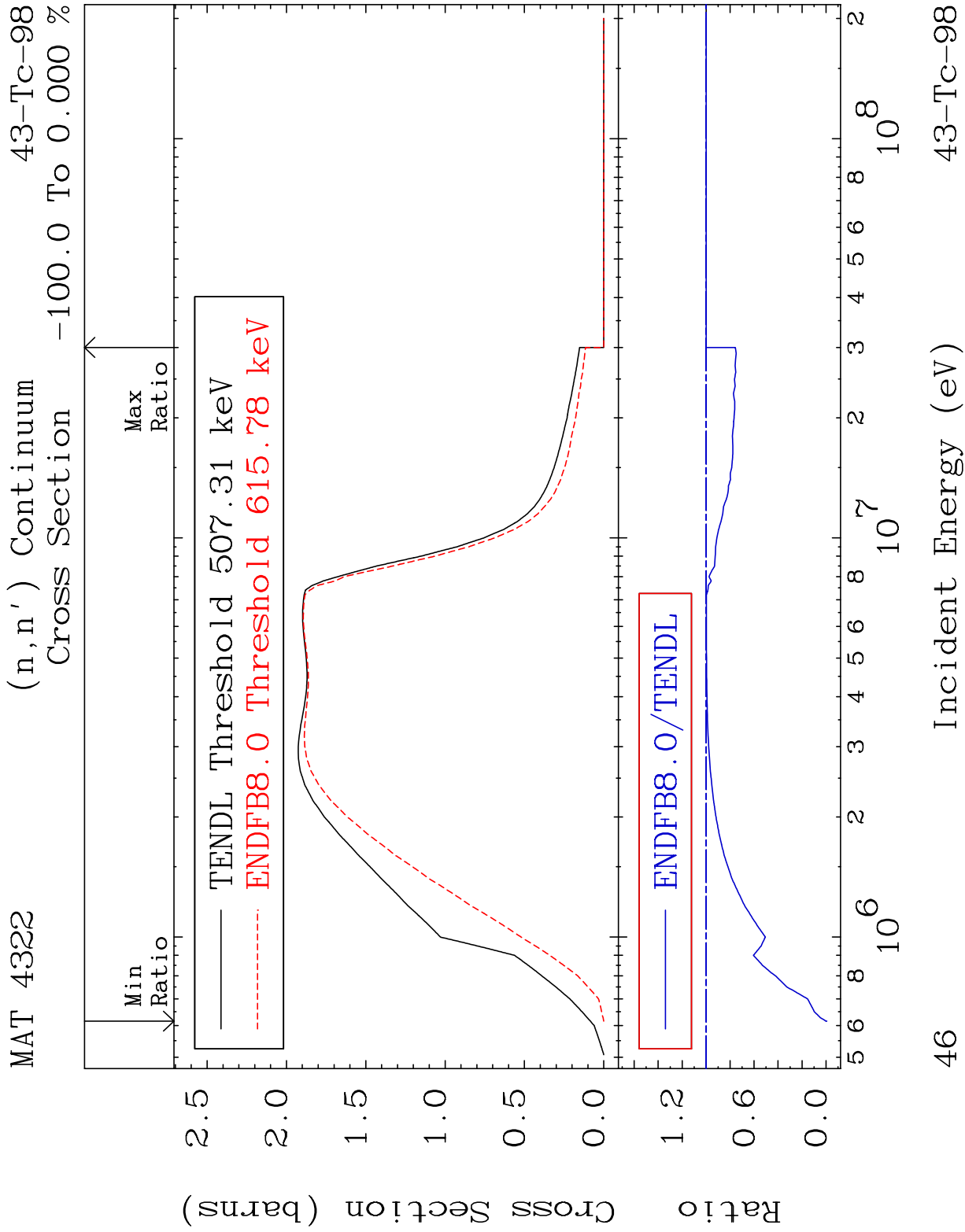
42 Incident Energy (eV) 43-Tc-98

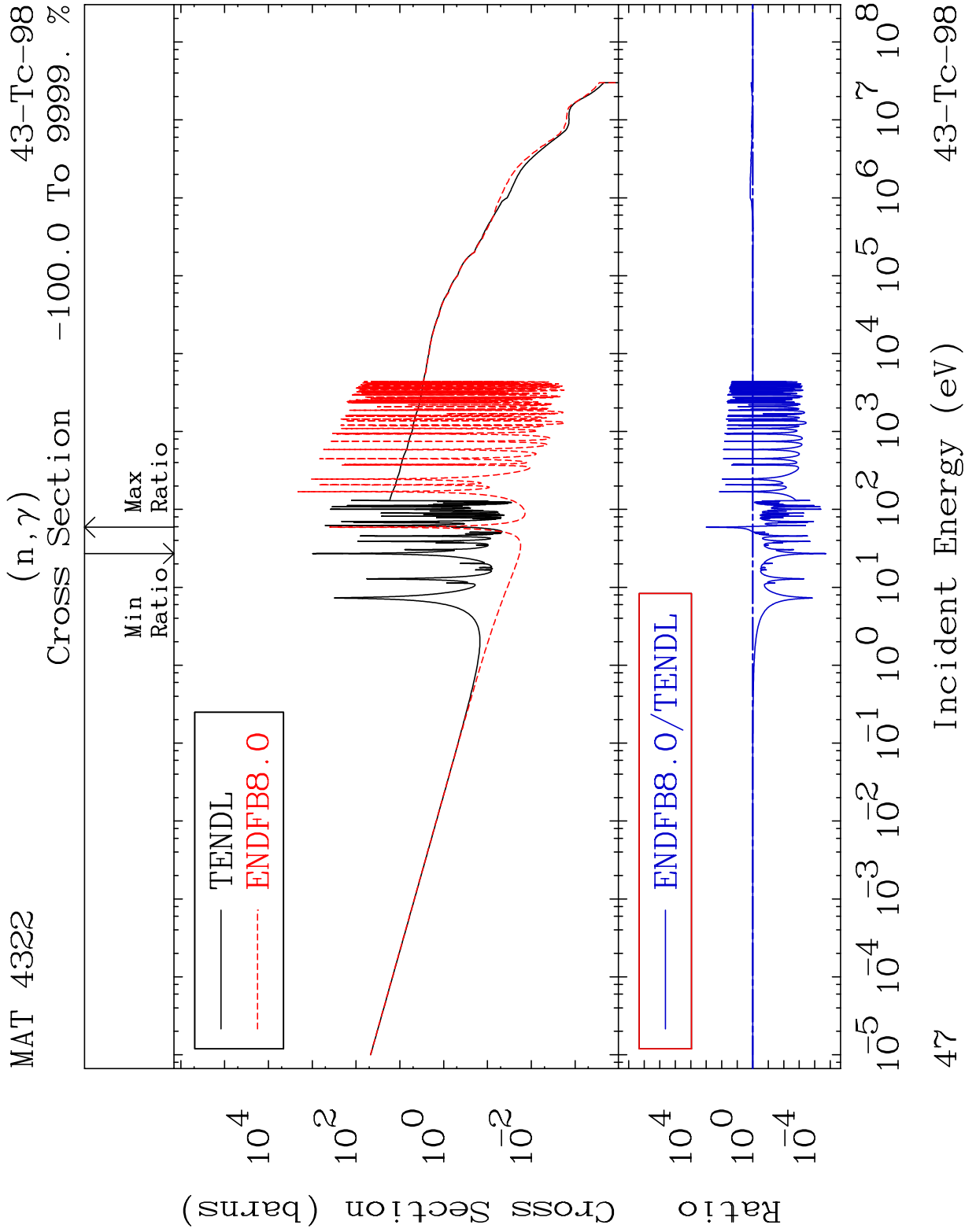


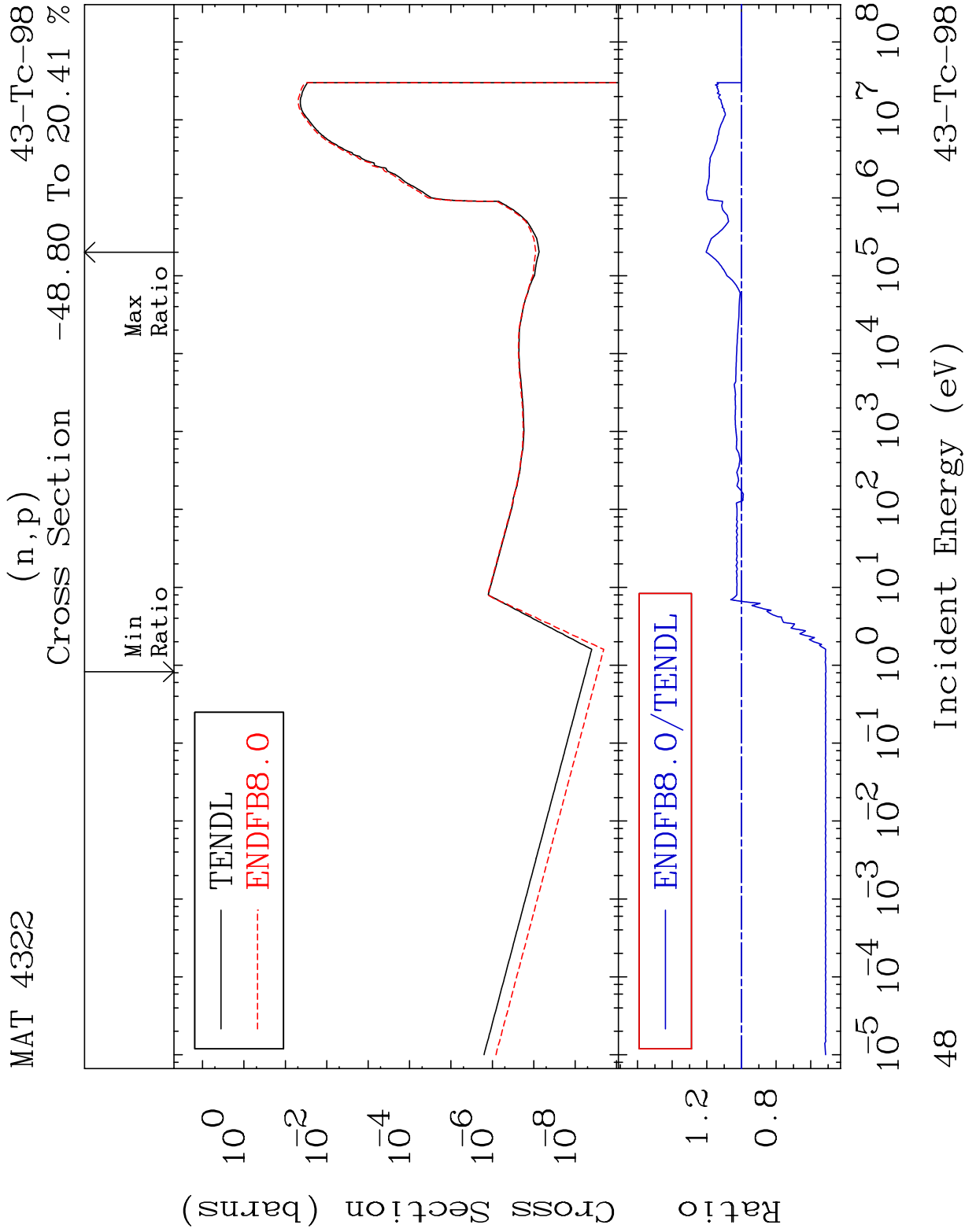
MAT 4322	MT= 74 (n, n')	Level	43-Tc-98
	Cross Section	0.000	To 9999. %

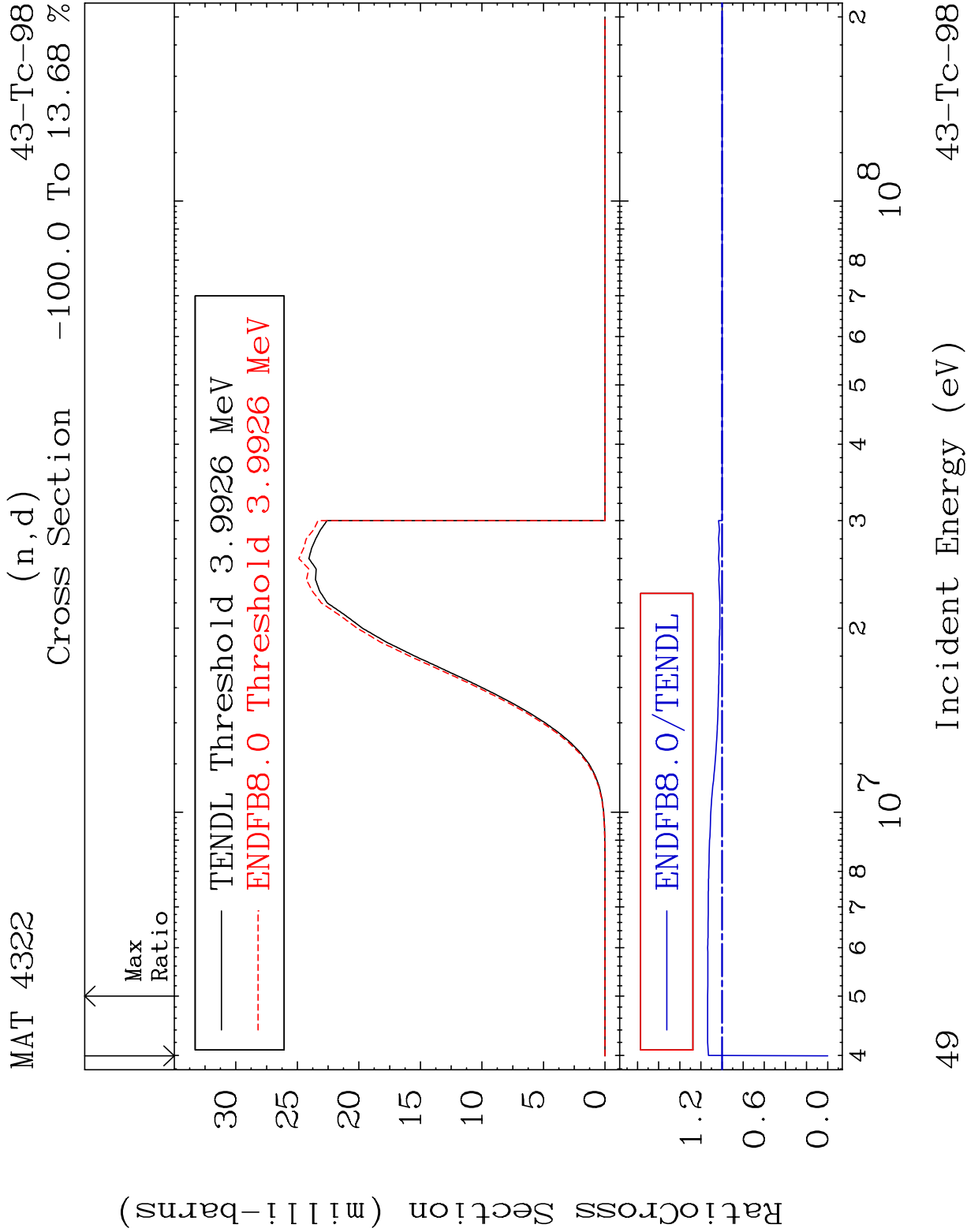


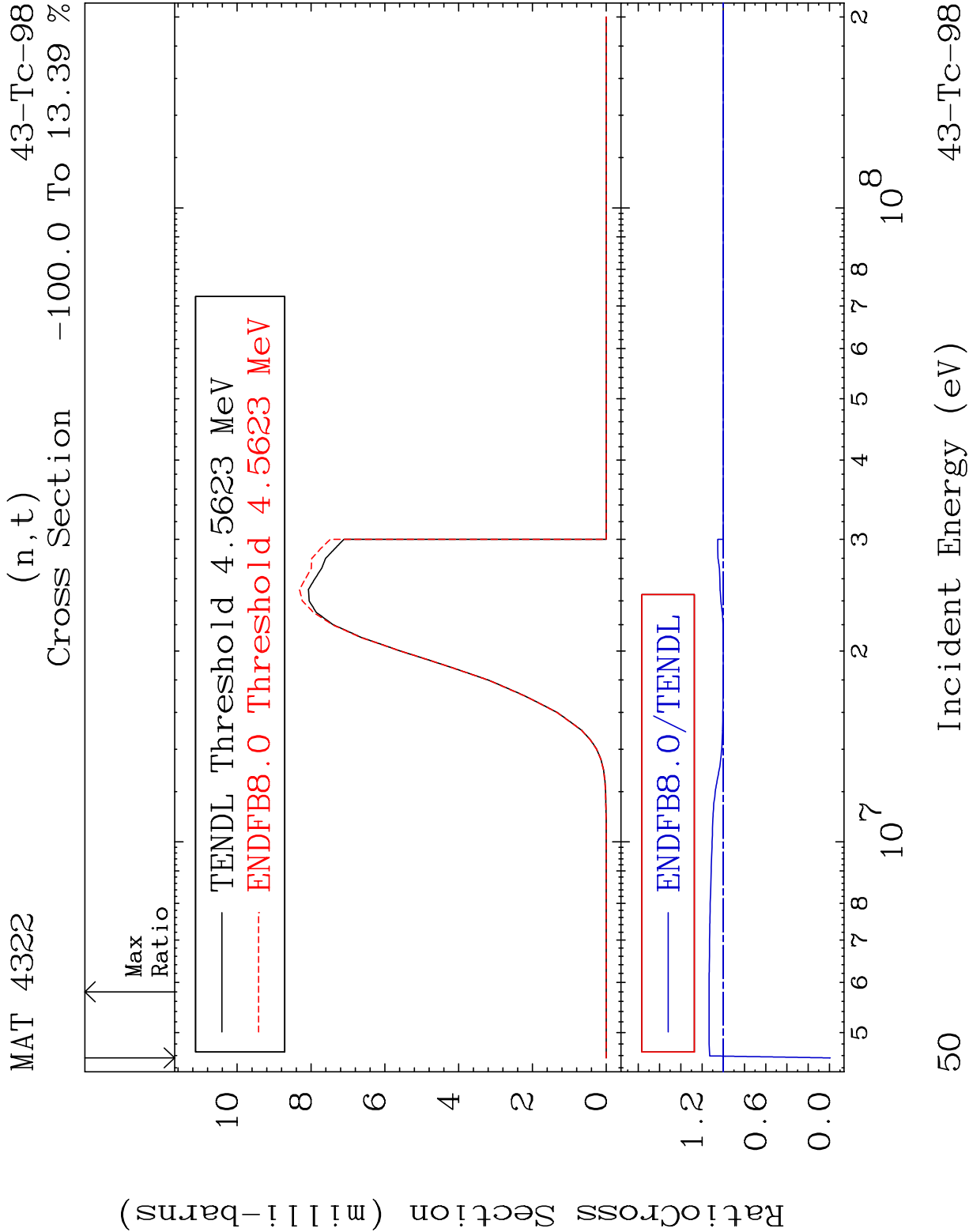


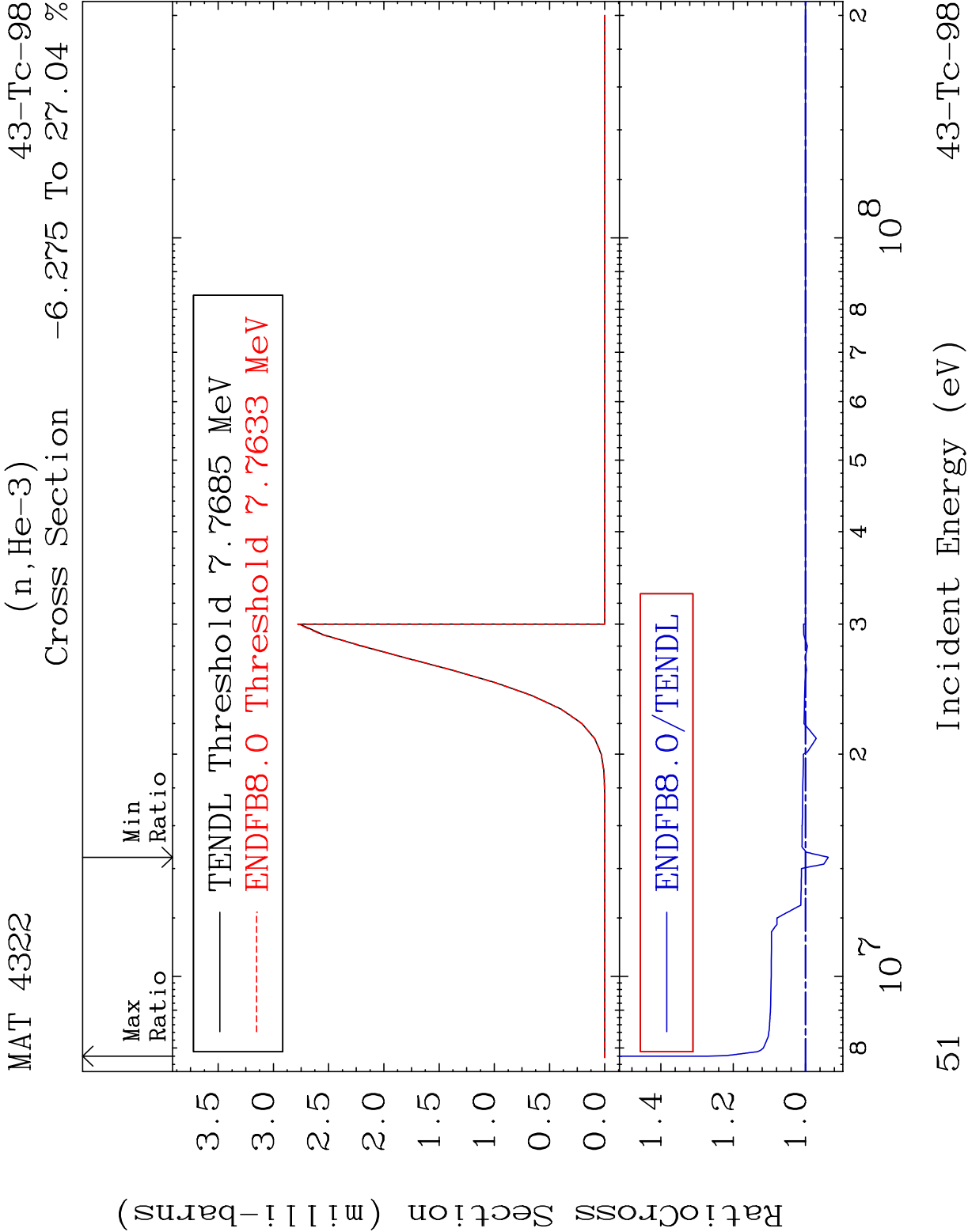


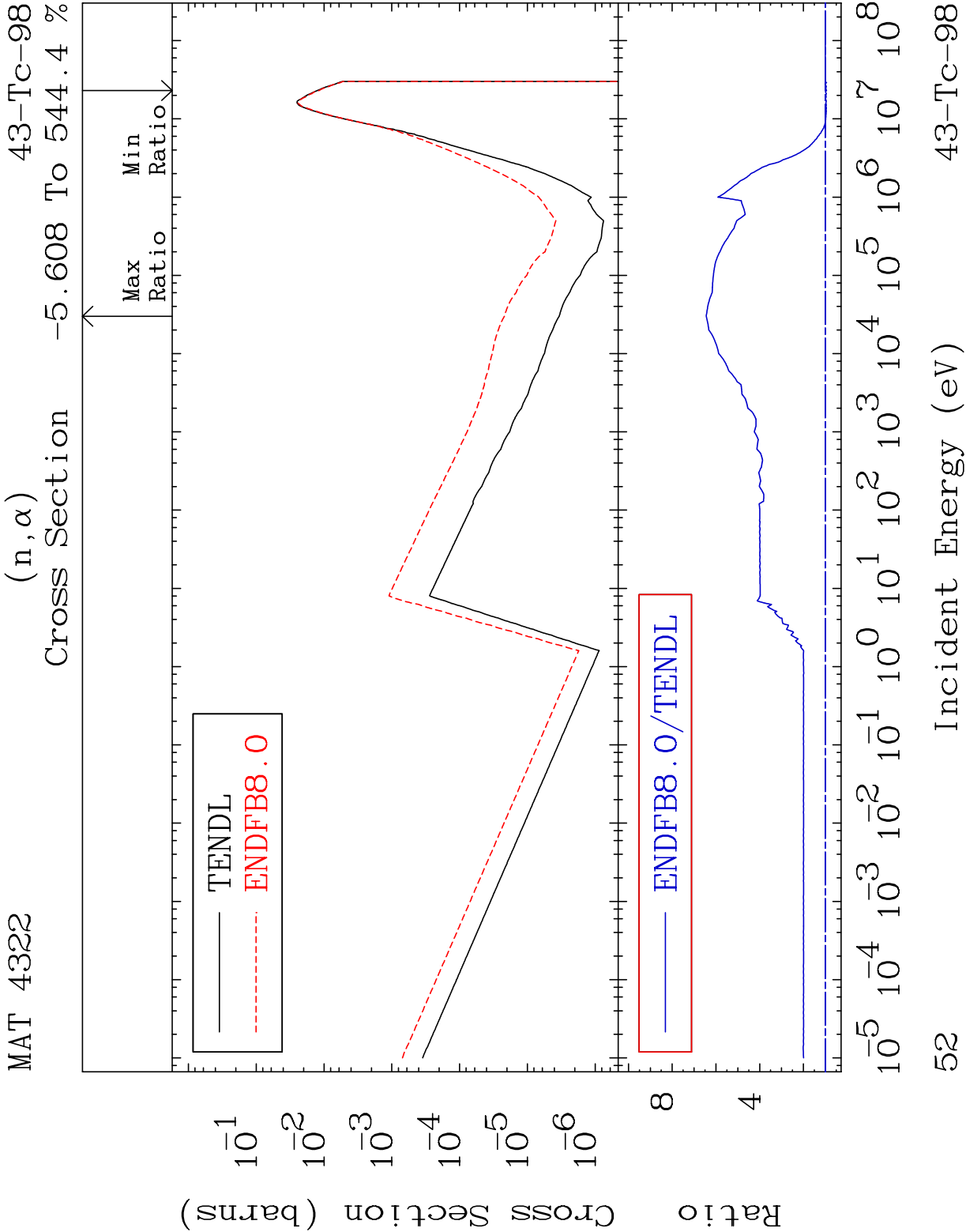


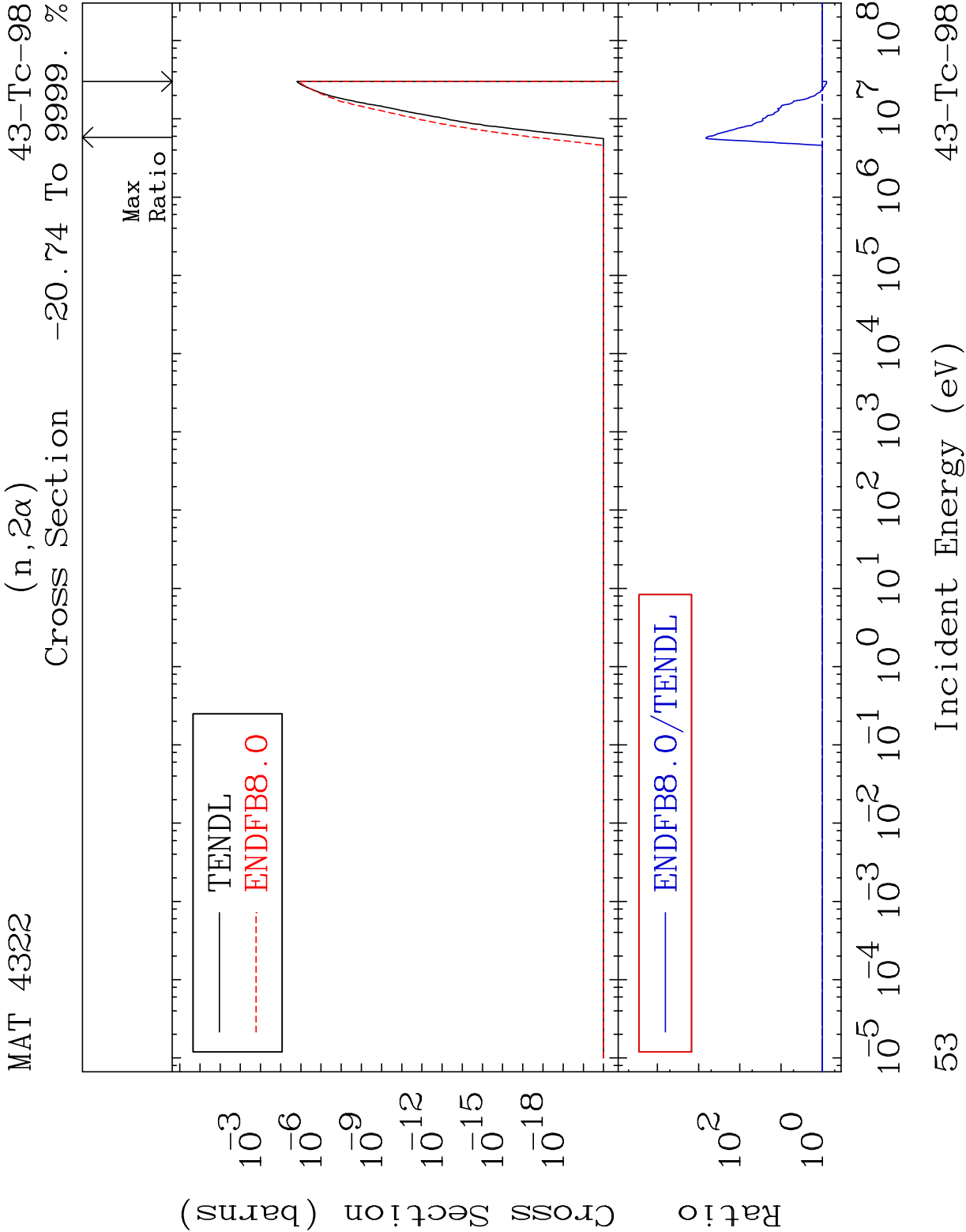


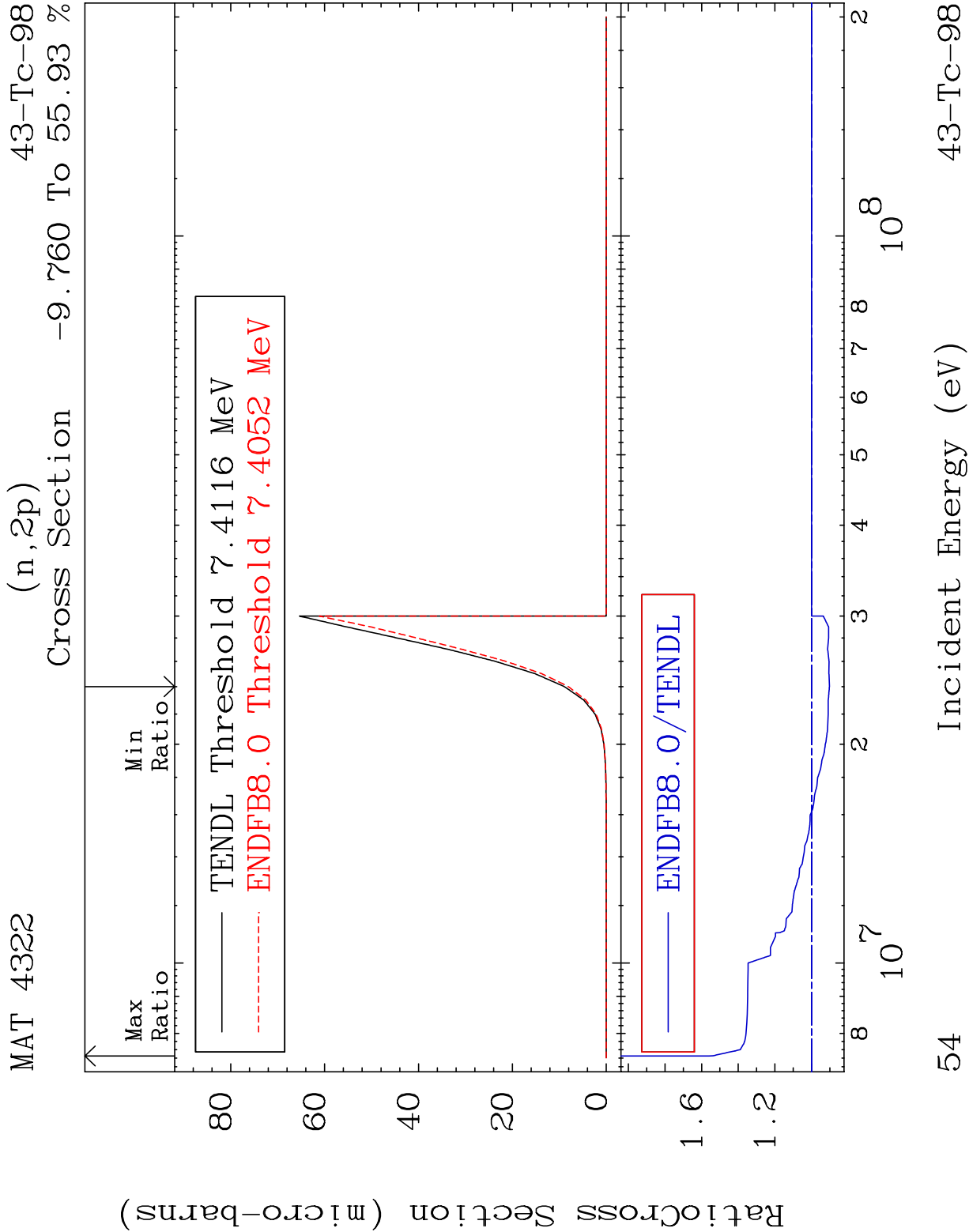


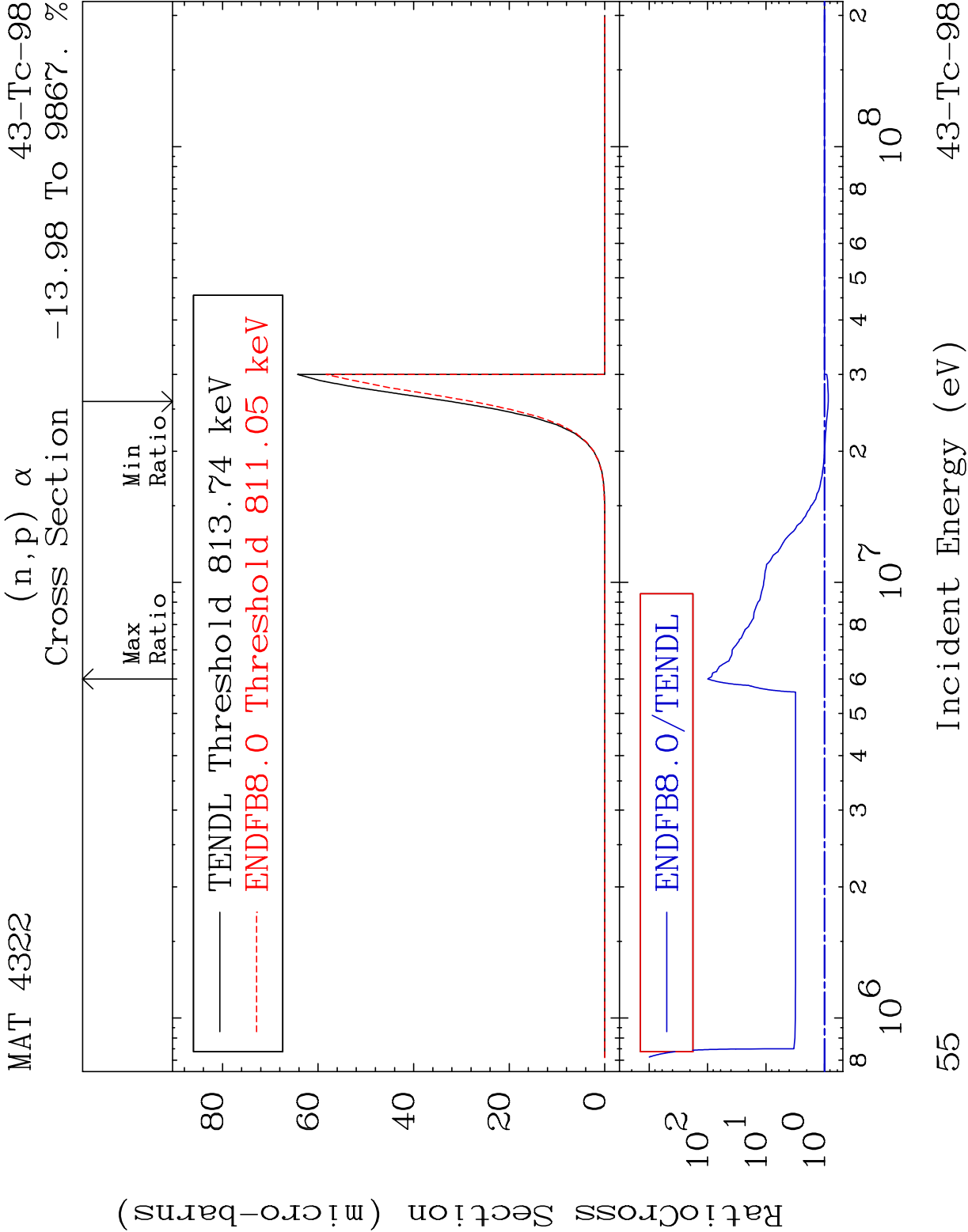


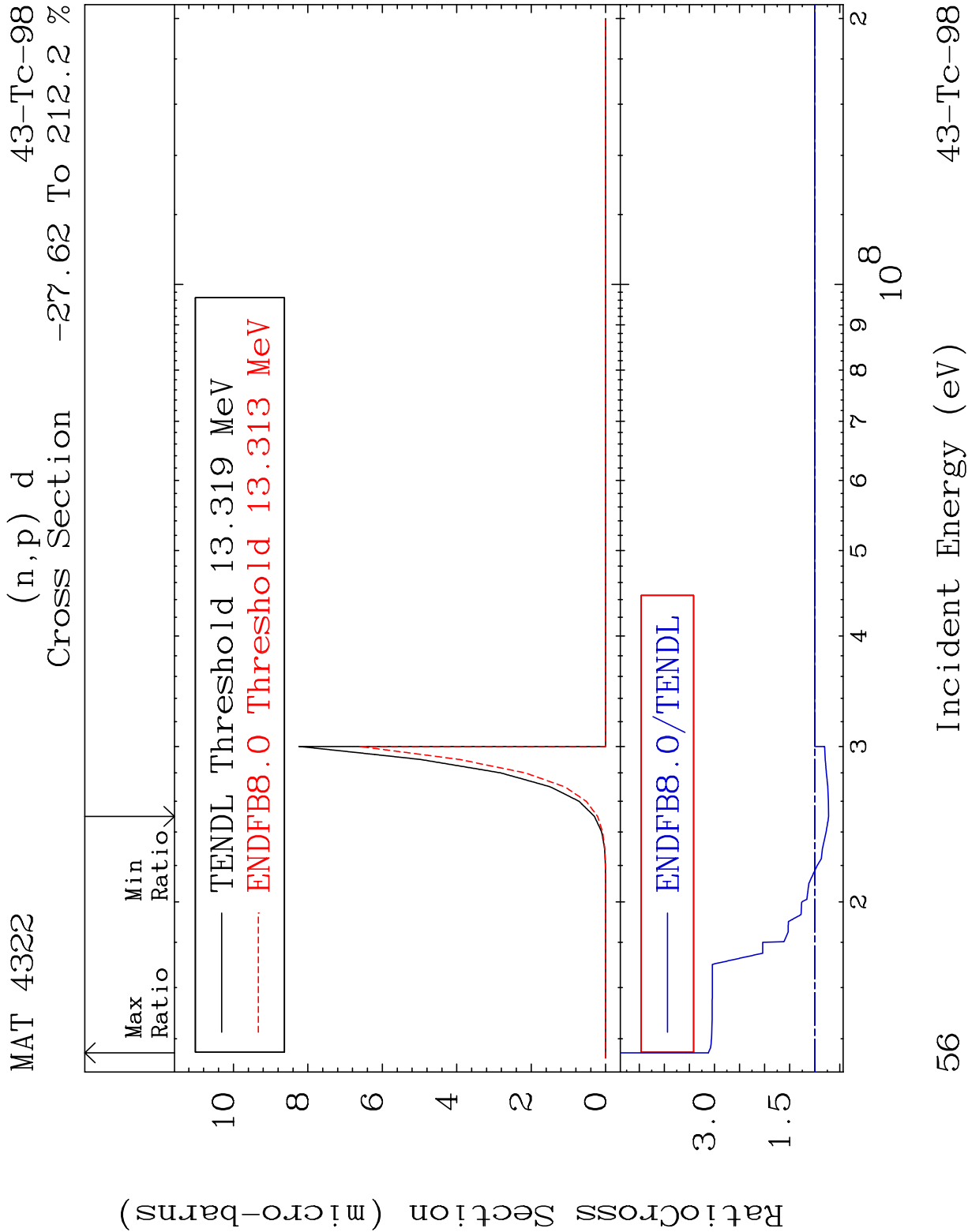


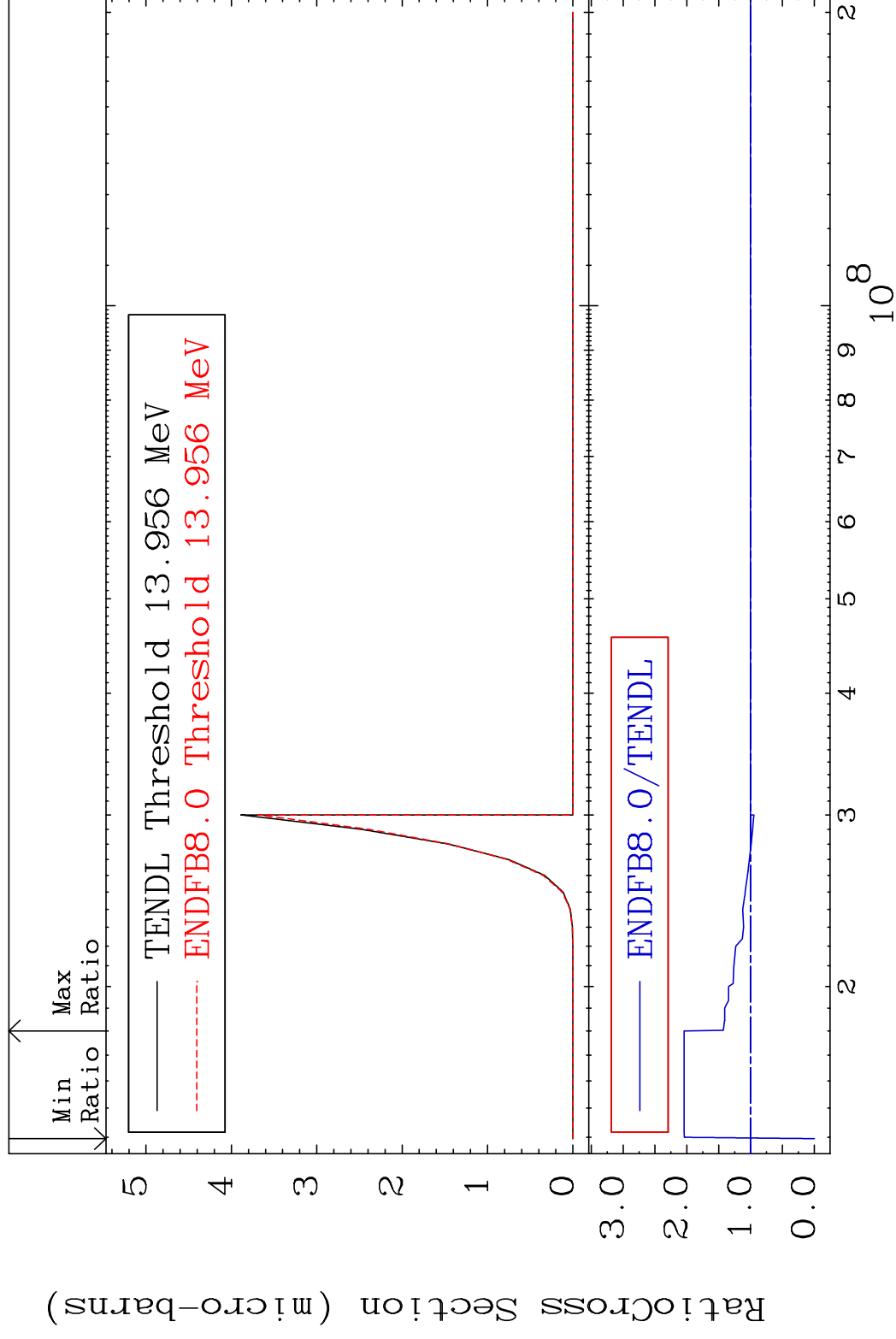


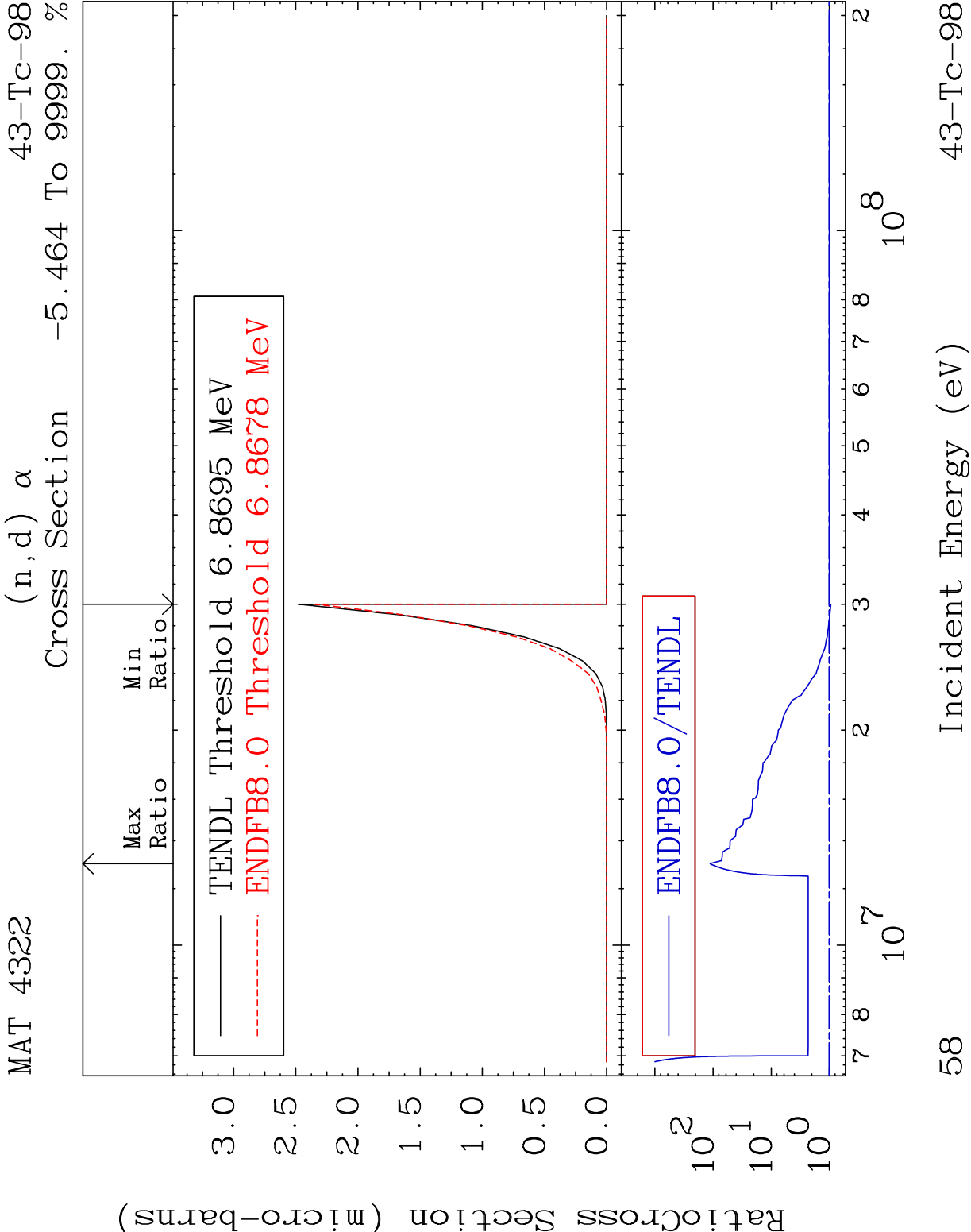


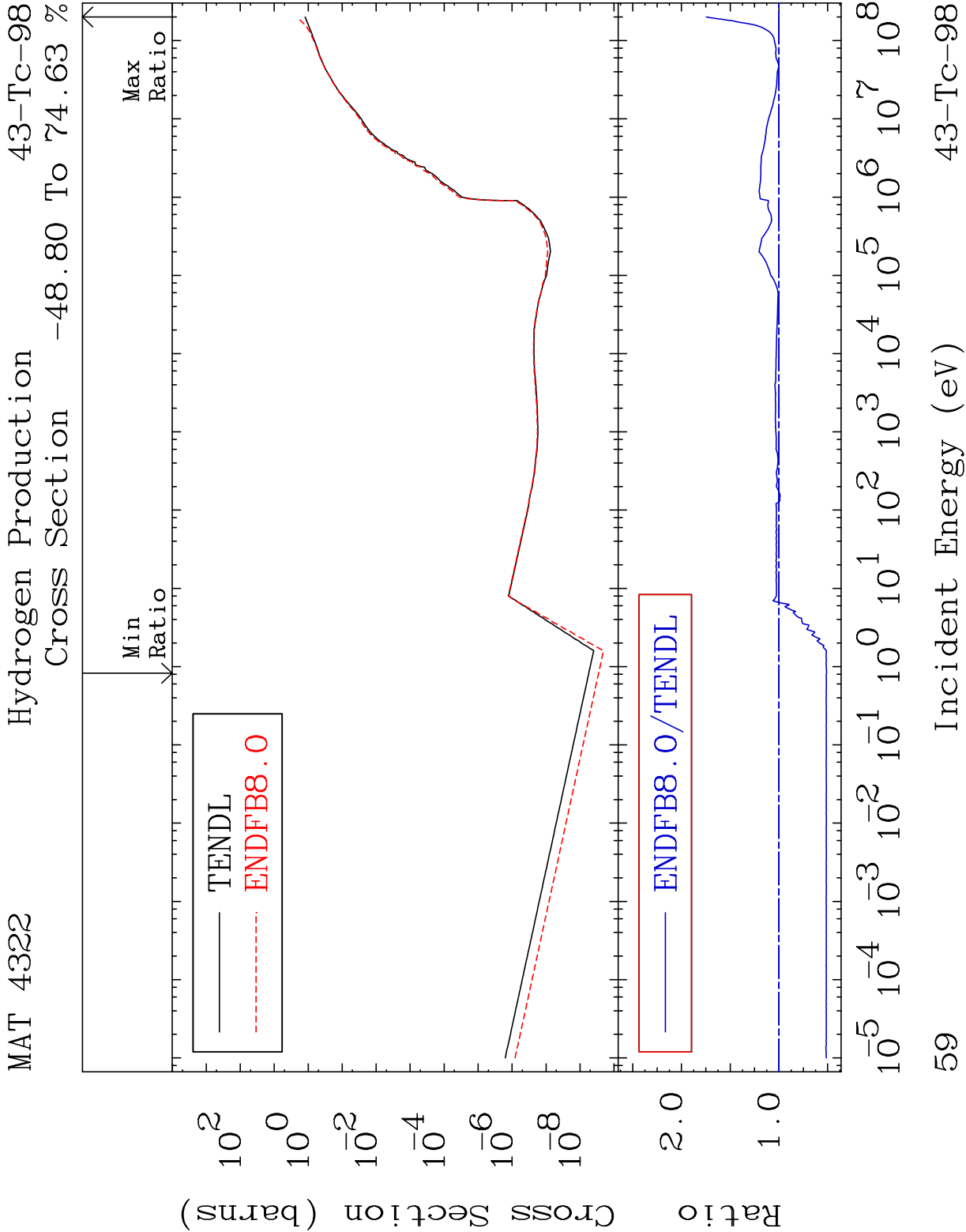


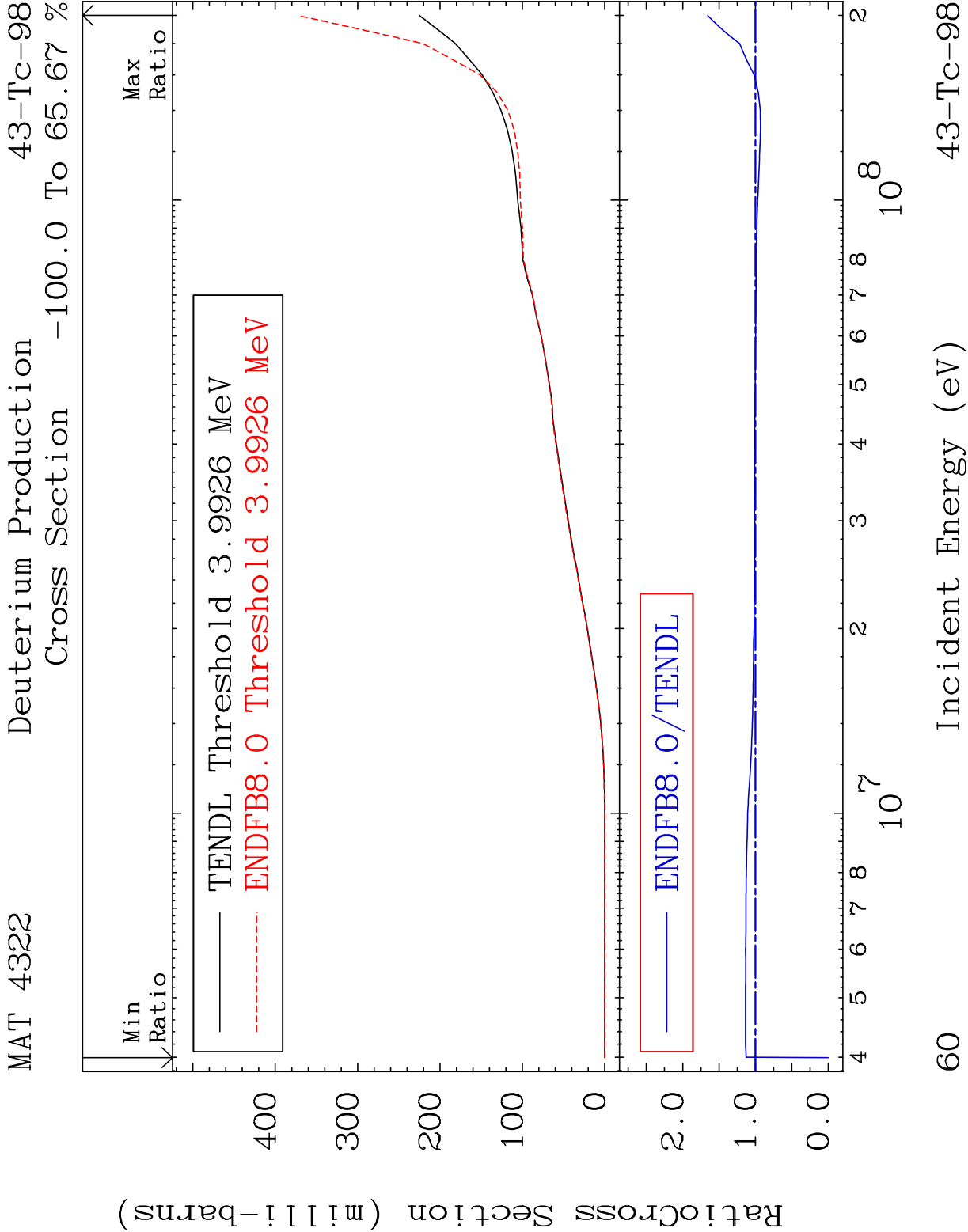


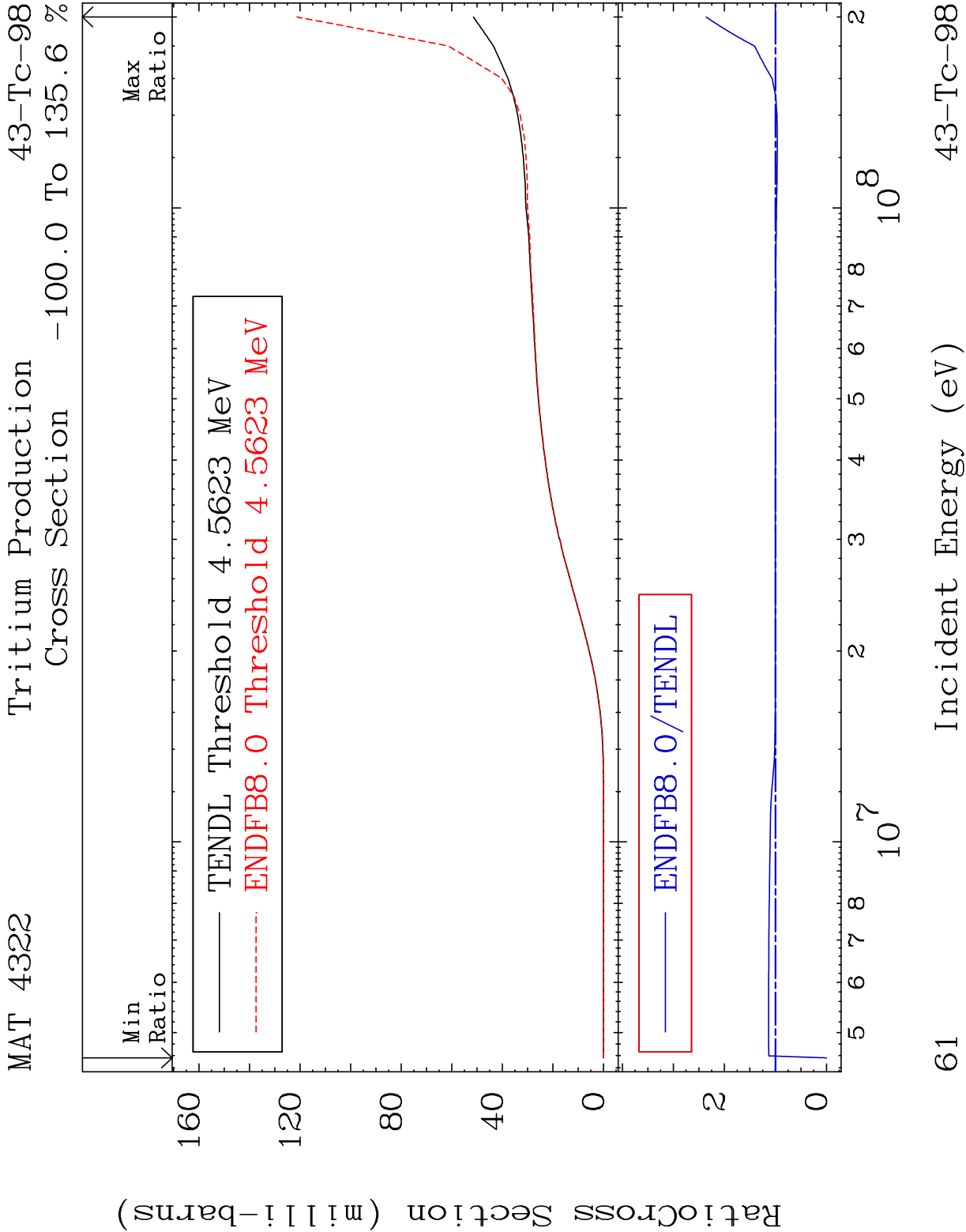


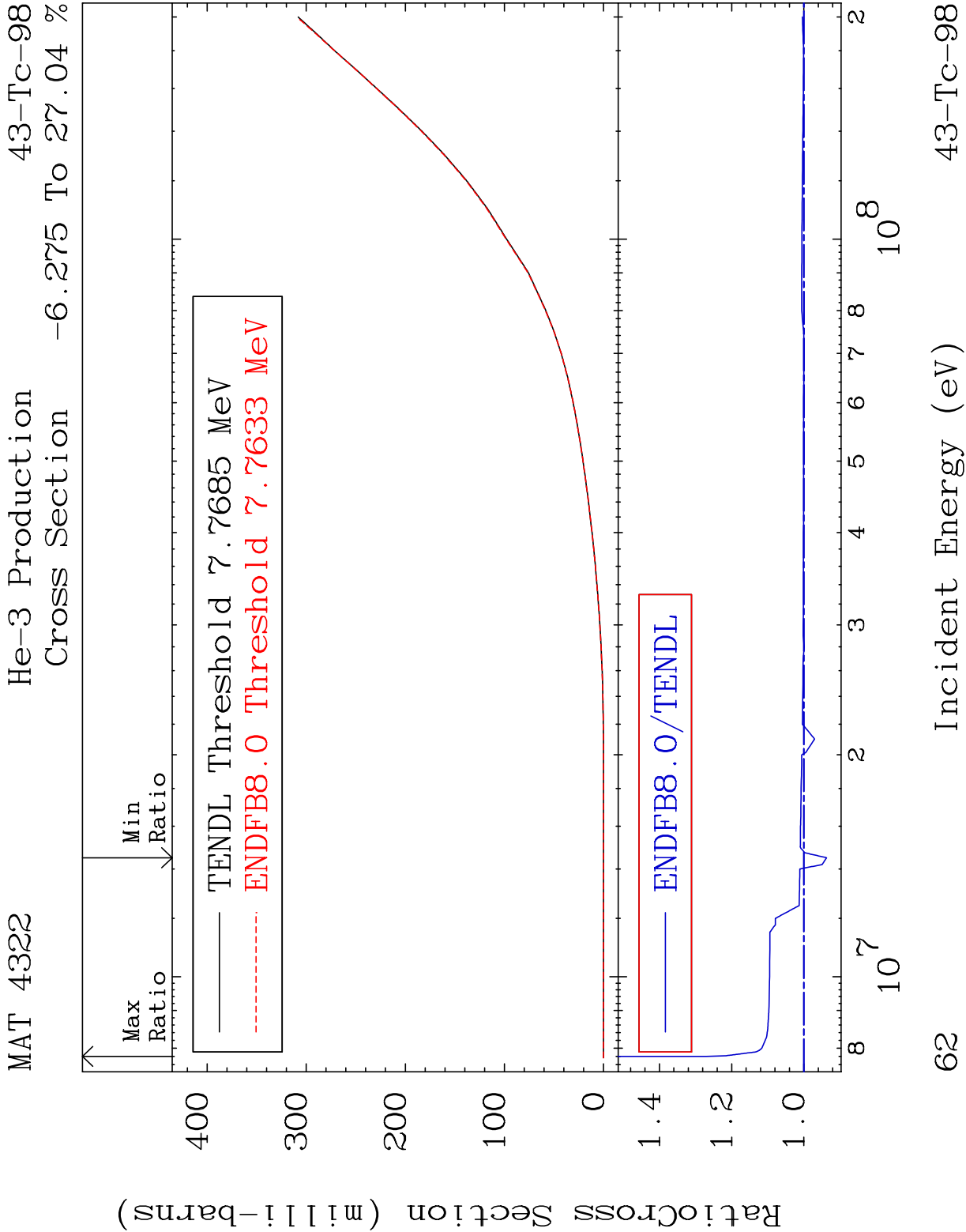


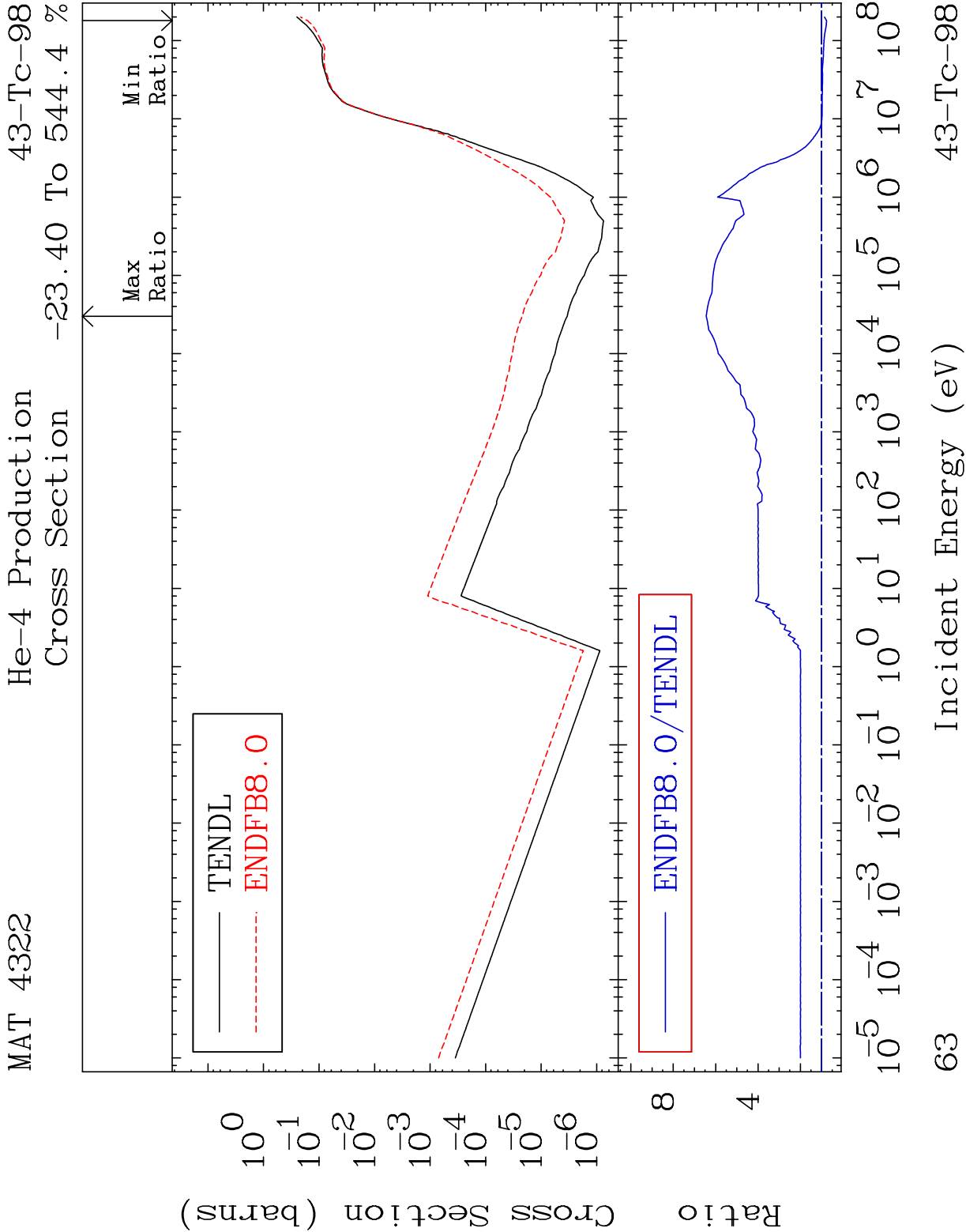




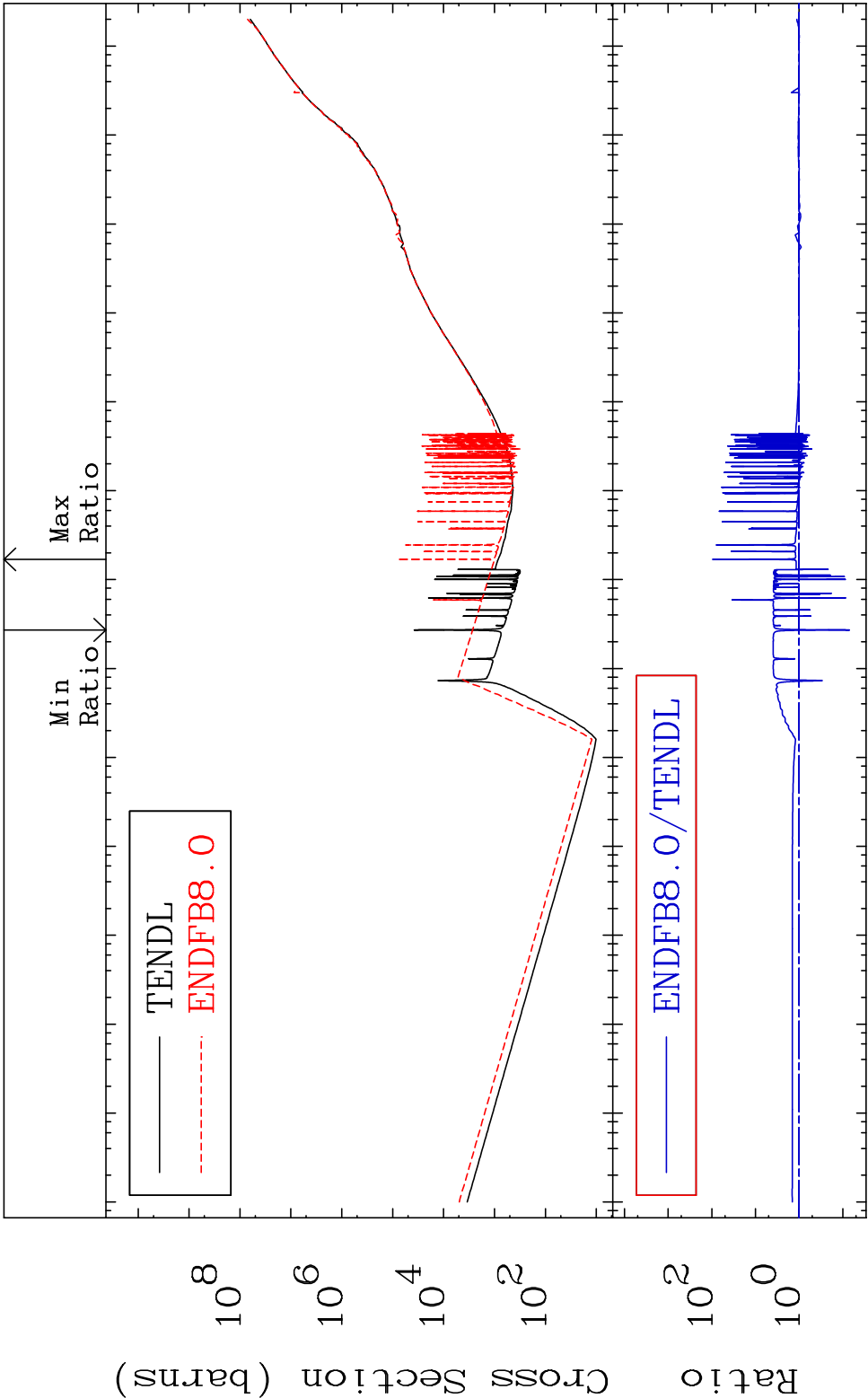




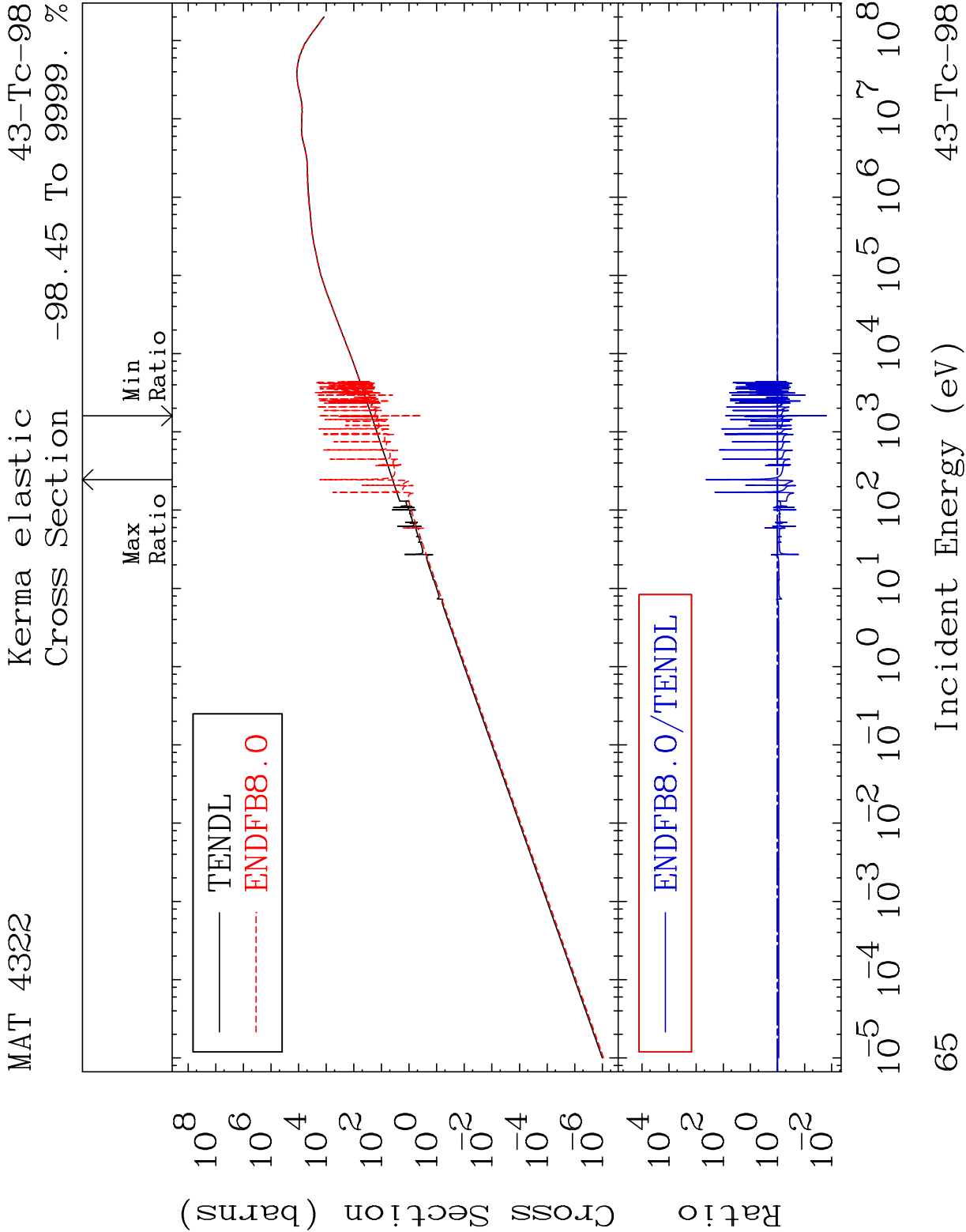




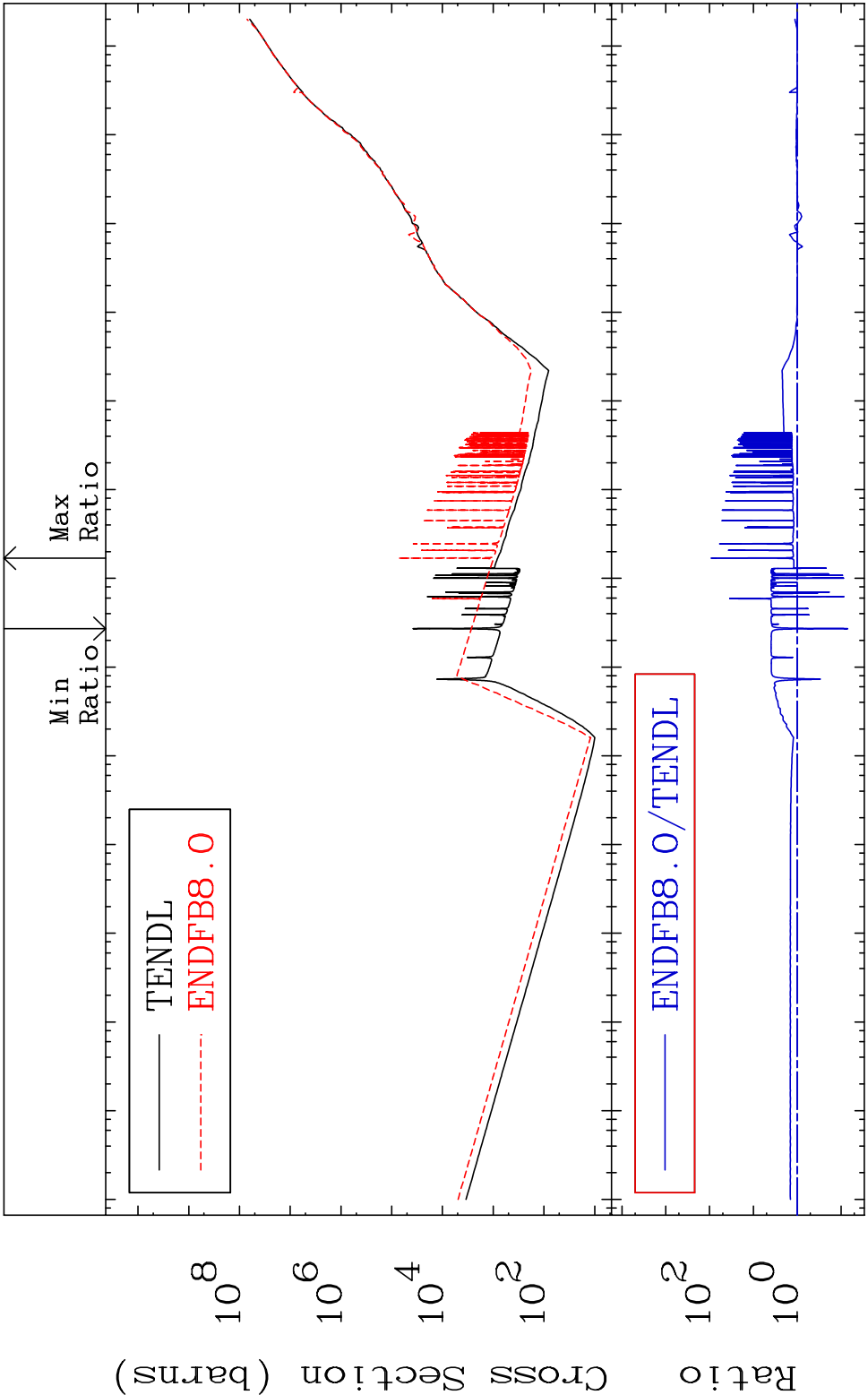
MAT 4322 Kerma total (eV-barns) 43-Tc-98
Cross Section -92.97 To 9383. %



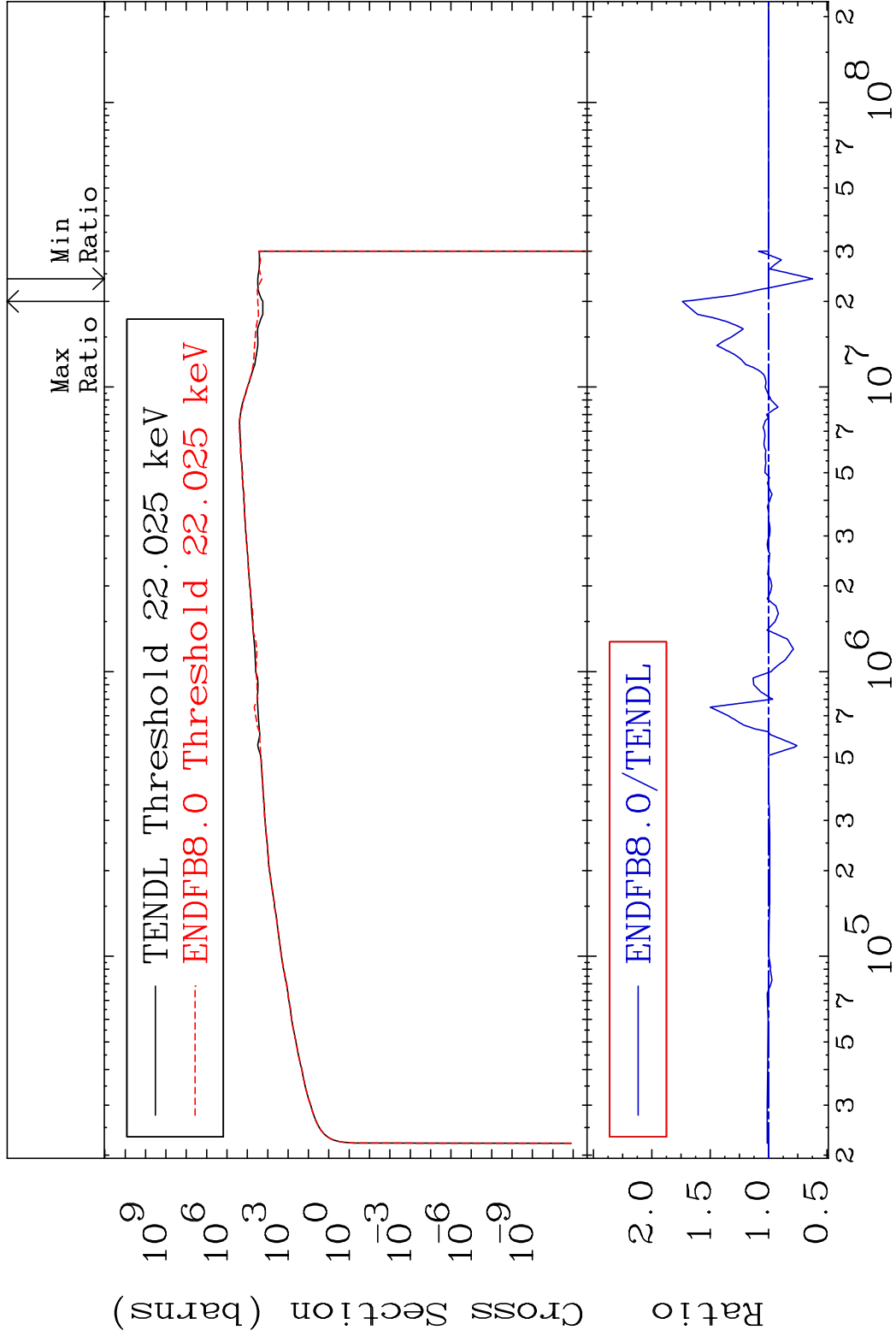
64 Incident Energy (eV) 43-Tc-98



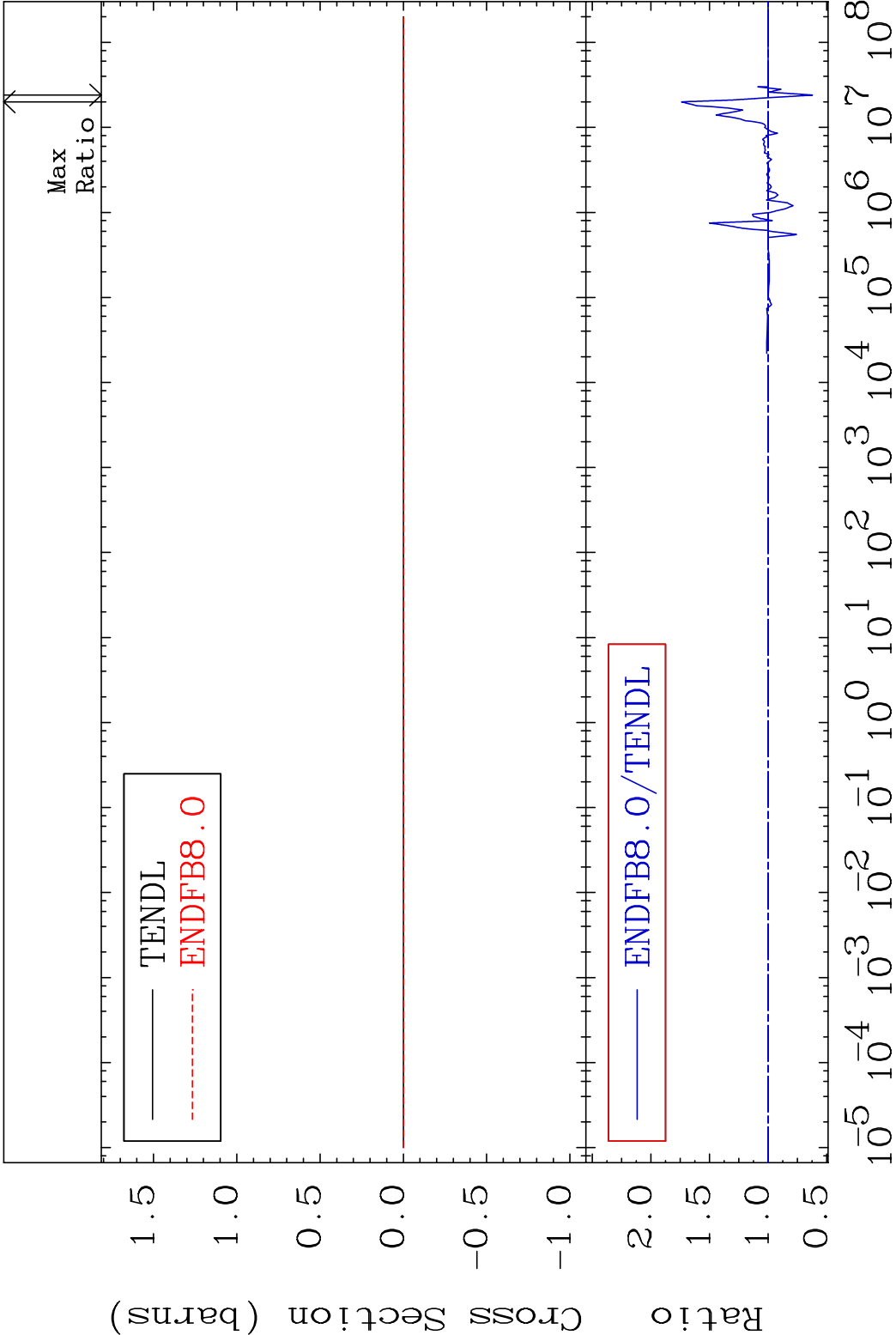
MAT 4322 Kerma non-elastic (all but mt2) 43-Tc-98
 Cross Section -92.98 To 9018. %



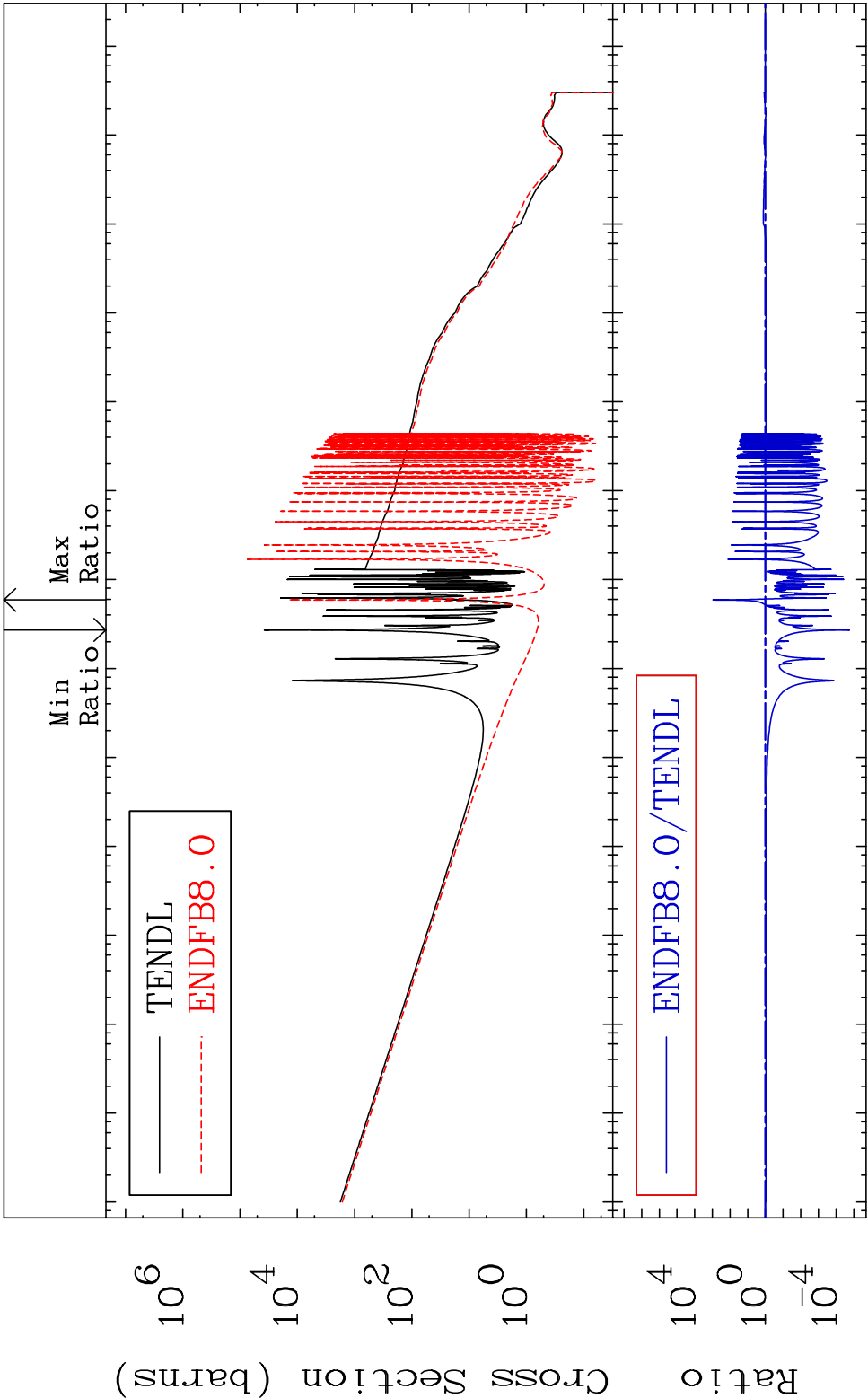
66 Incident Energy (eV) 43-Tc-98

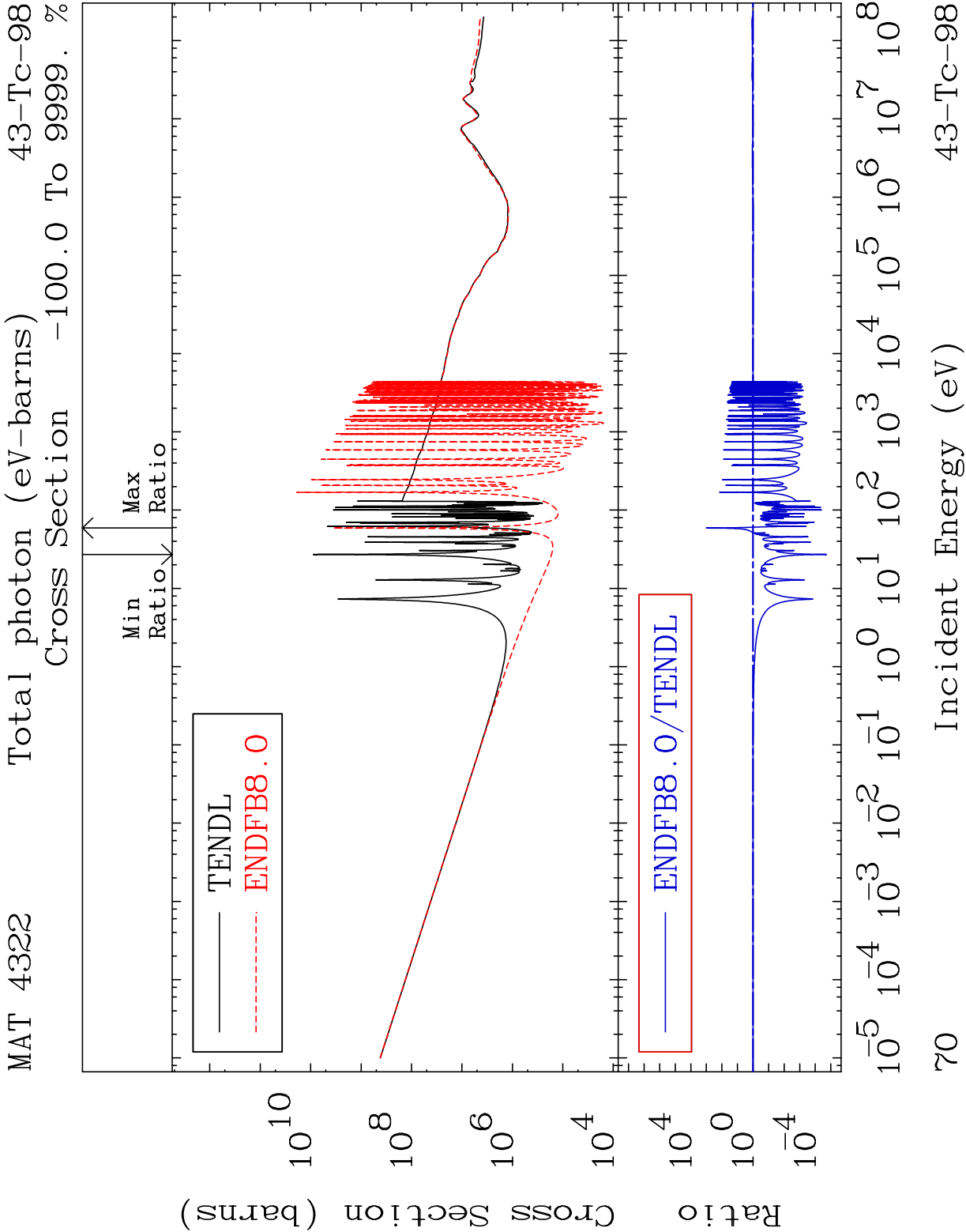


MAT 4322Kerma fission (mt18 or mt19-20-21-38) 43-Tc-98
Cross Section -37.74 To 73.84 %

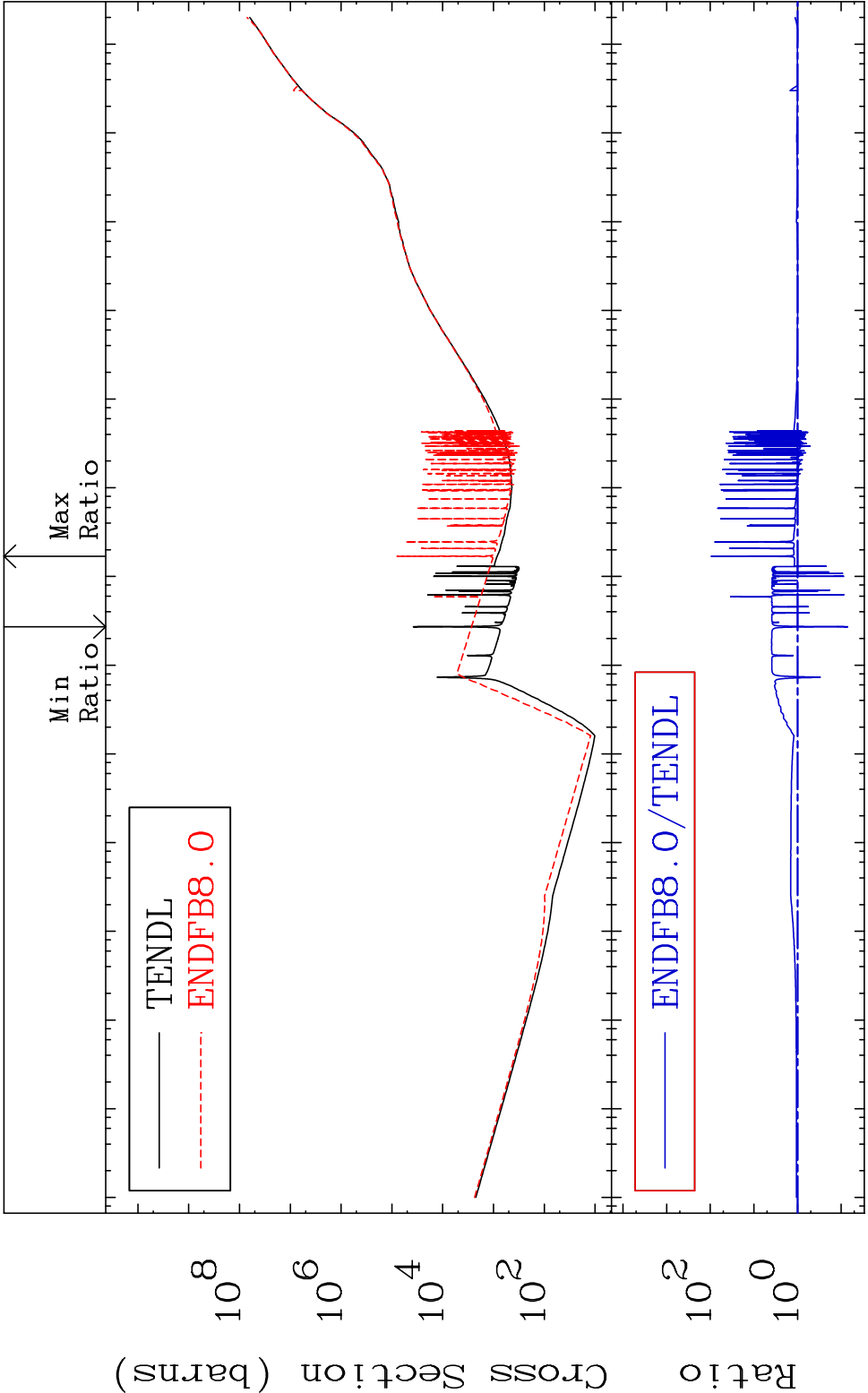


68 43-Tc-98



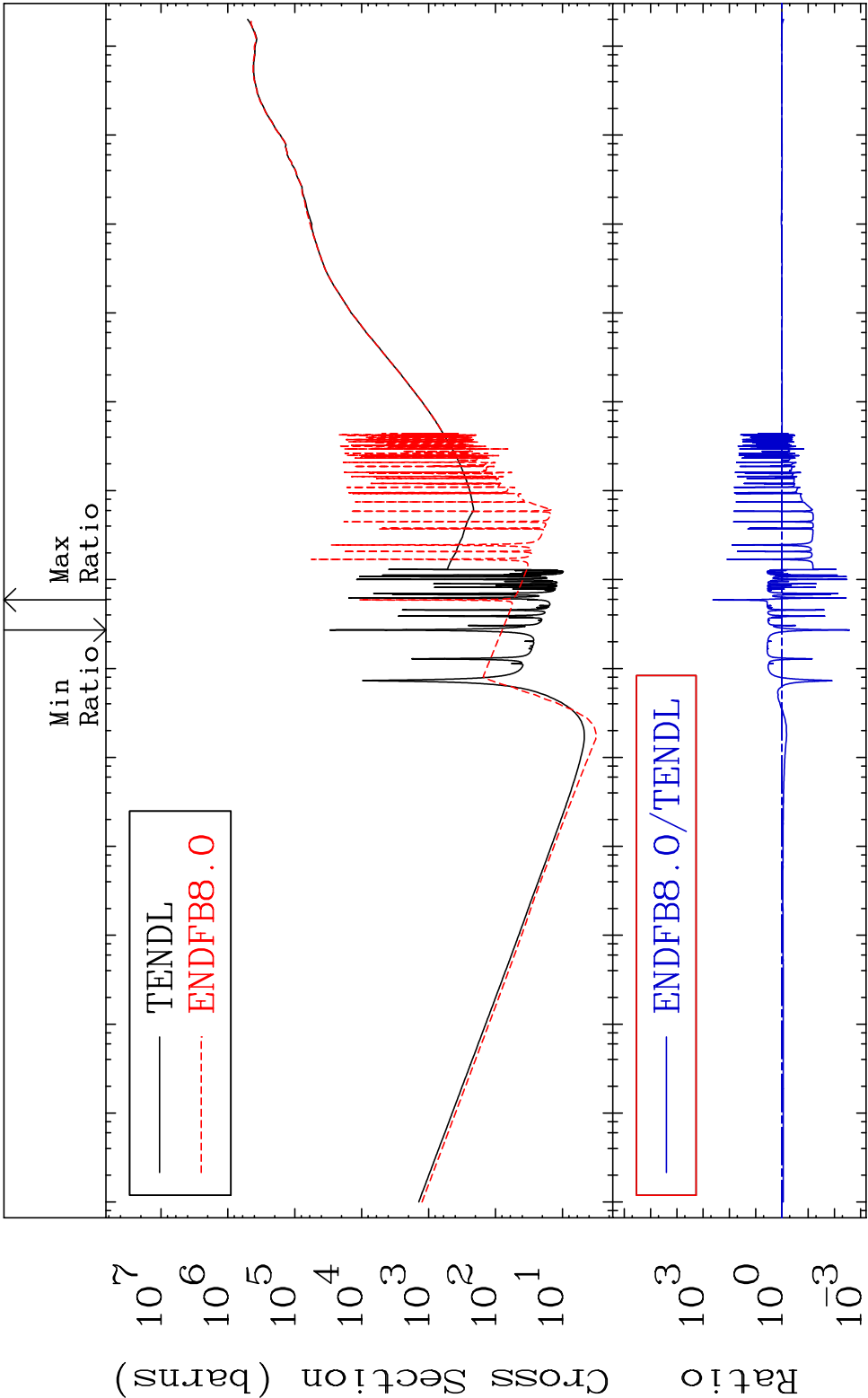


MAT 4322 Total kinematic kerma (high limit) 43-Tc-98
Cross Section -92.92 To 9362. %

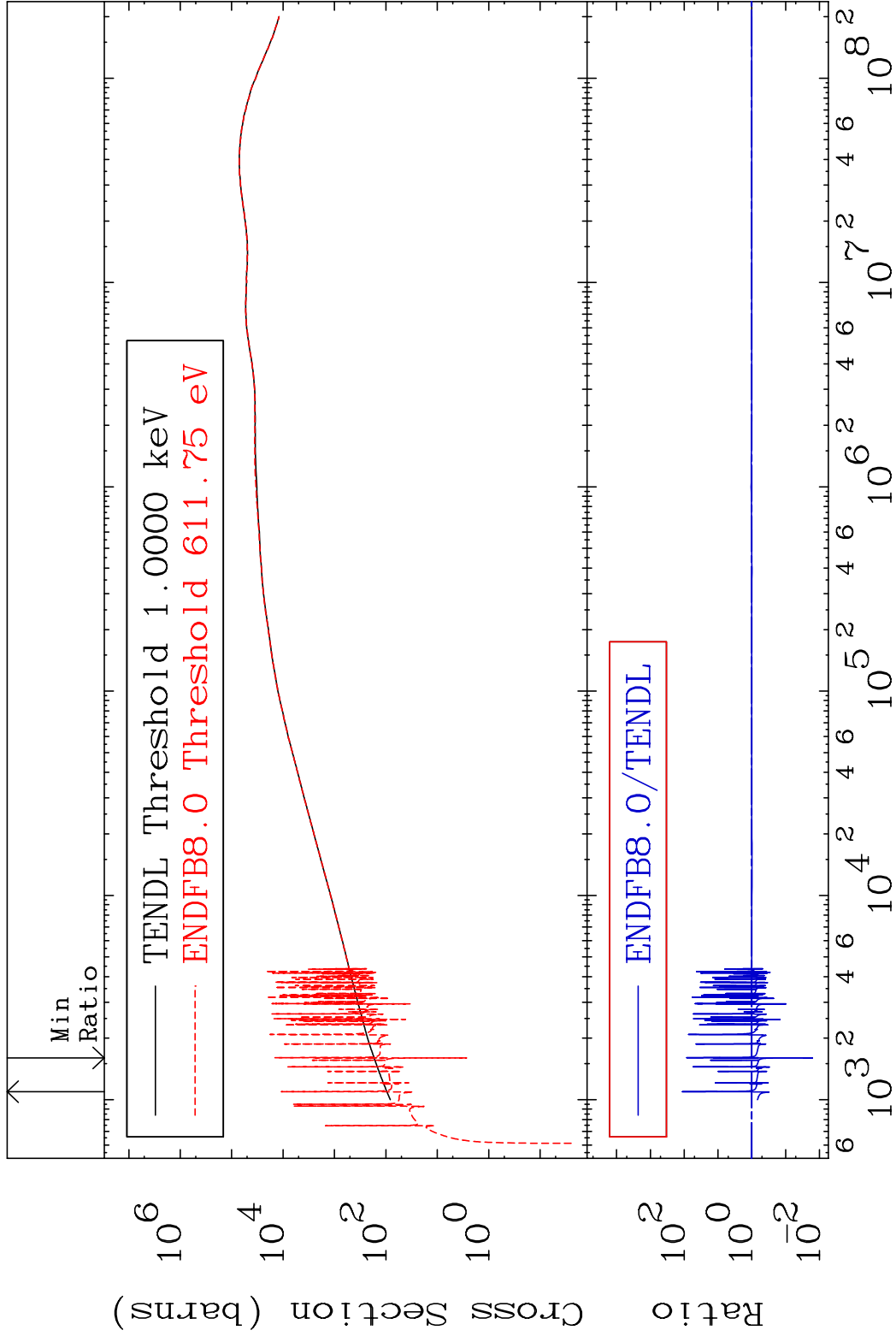


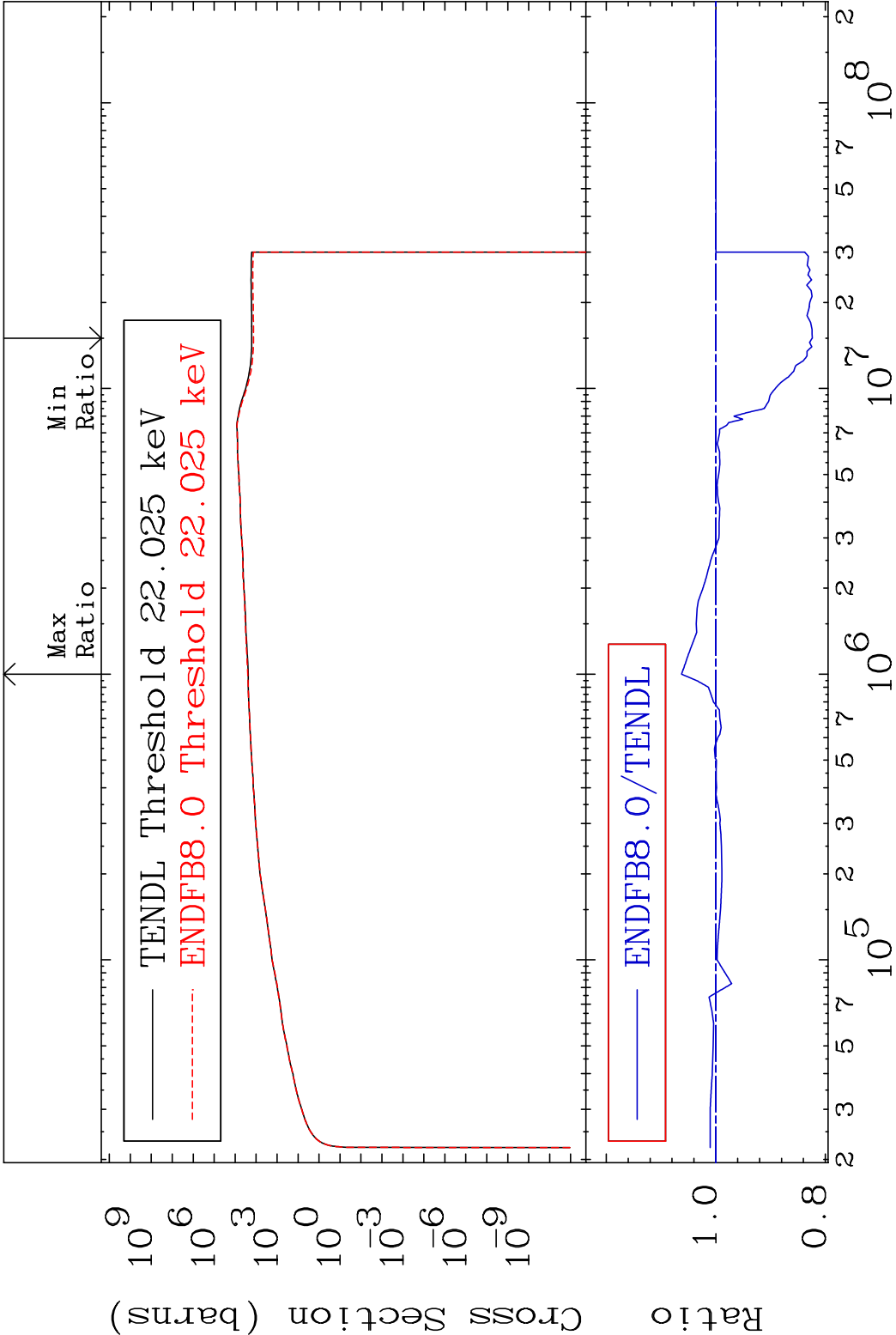
71 Incident Energy (eV) 43-Tc-98

MAT 4322 Dpa total (eV-barns) 43-Tc-98
 Cross Section -99.73 To 9999. %

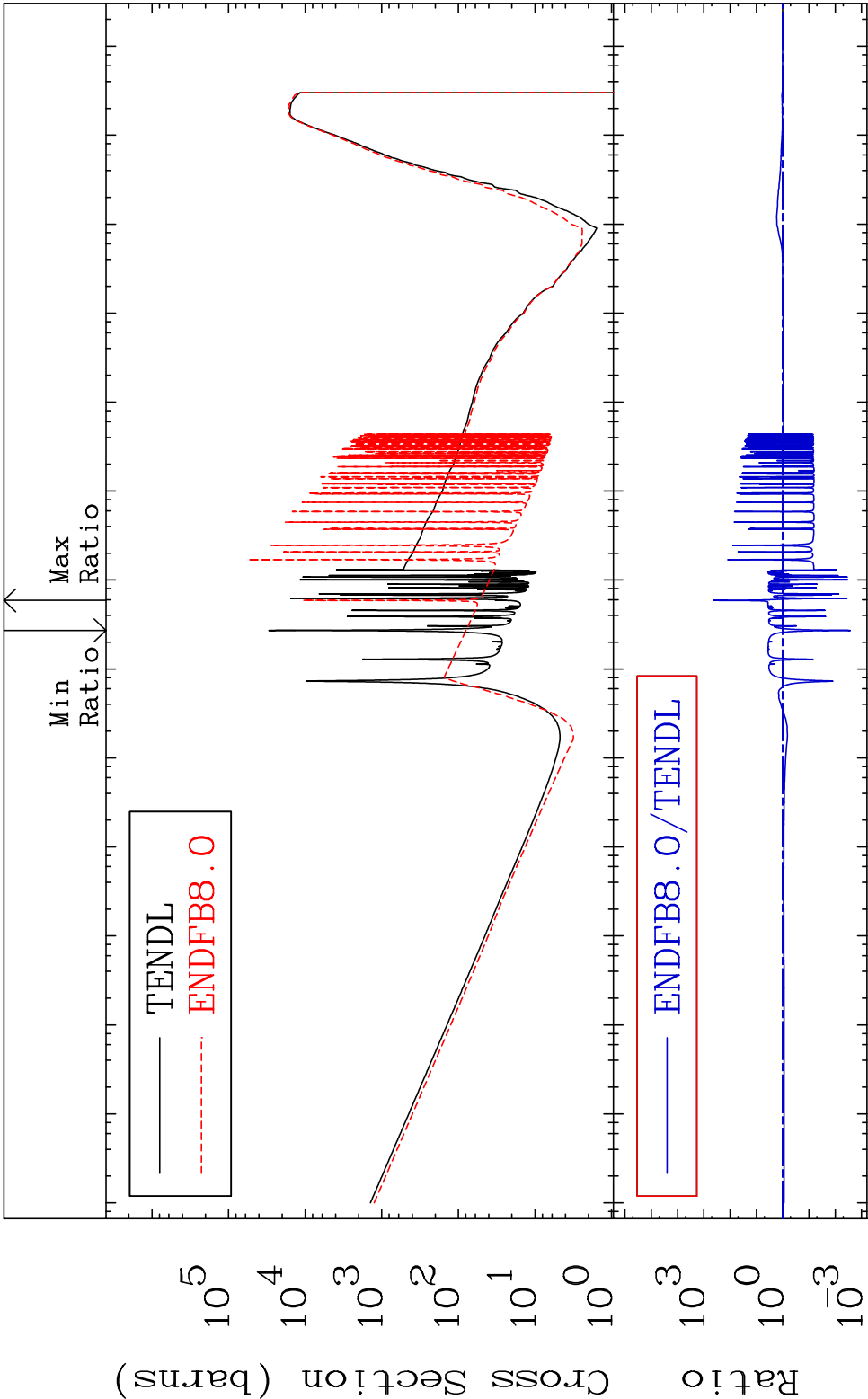


MAT 4322 Dpa elastic (mt2) 43-Tc-98
Cross Section -98.40 To 9999. %



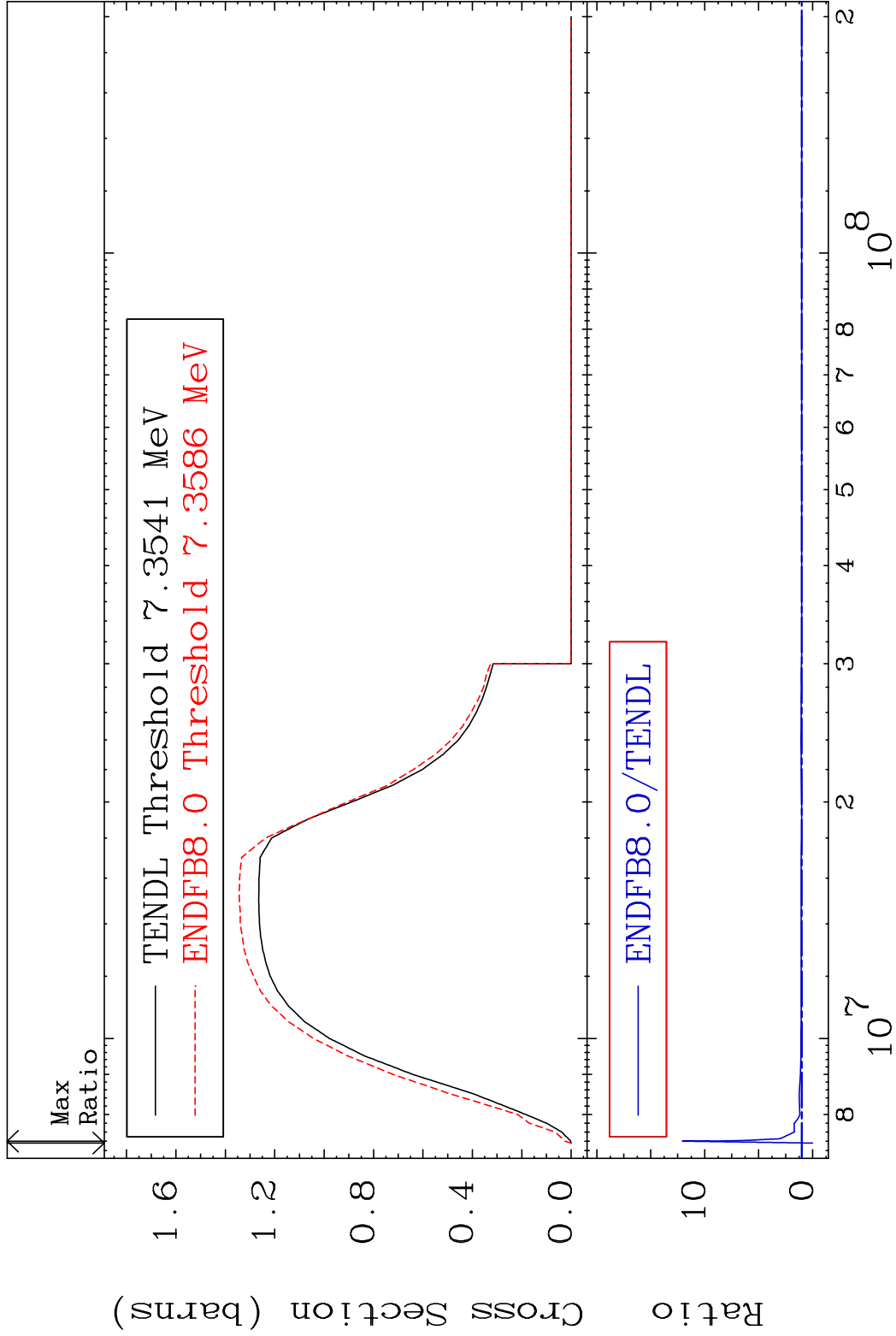


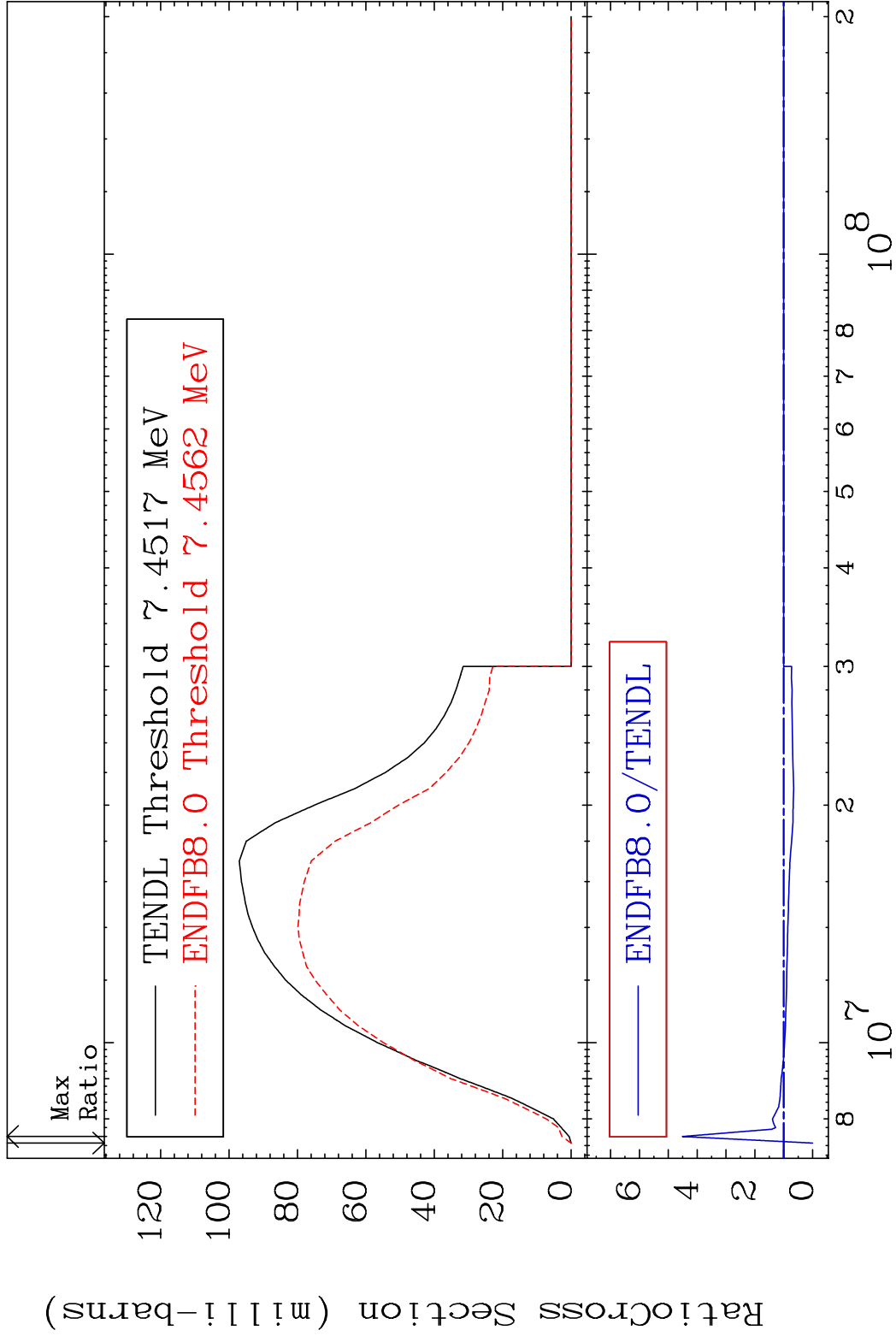
MAT 4322 Dpa disappearance (mt102 -120) 43-Tc-98
Cross Section -99.73 To 9999. %



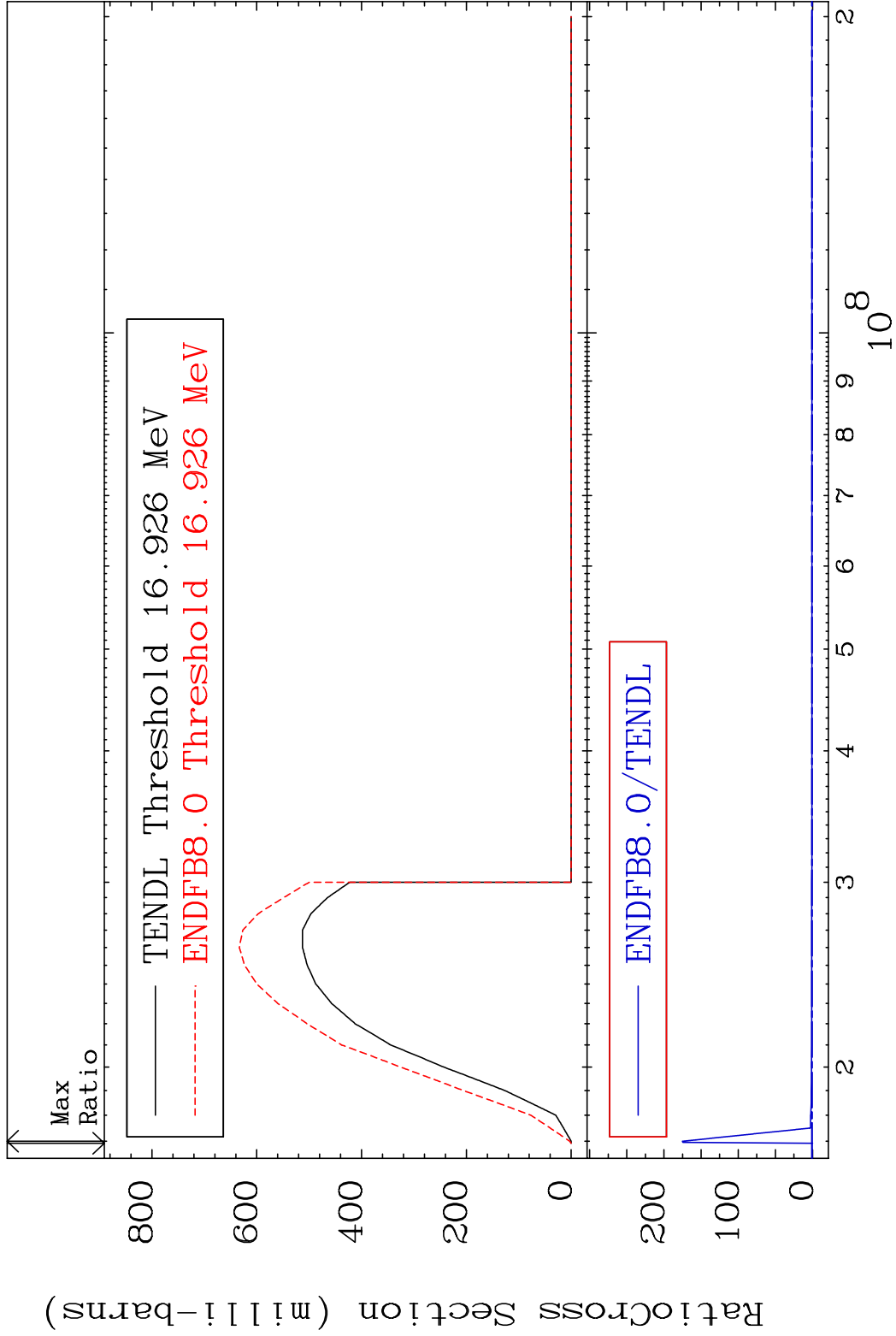
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

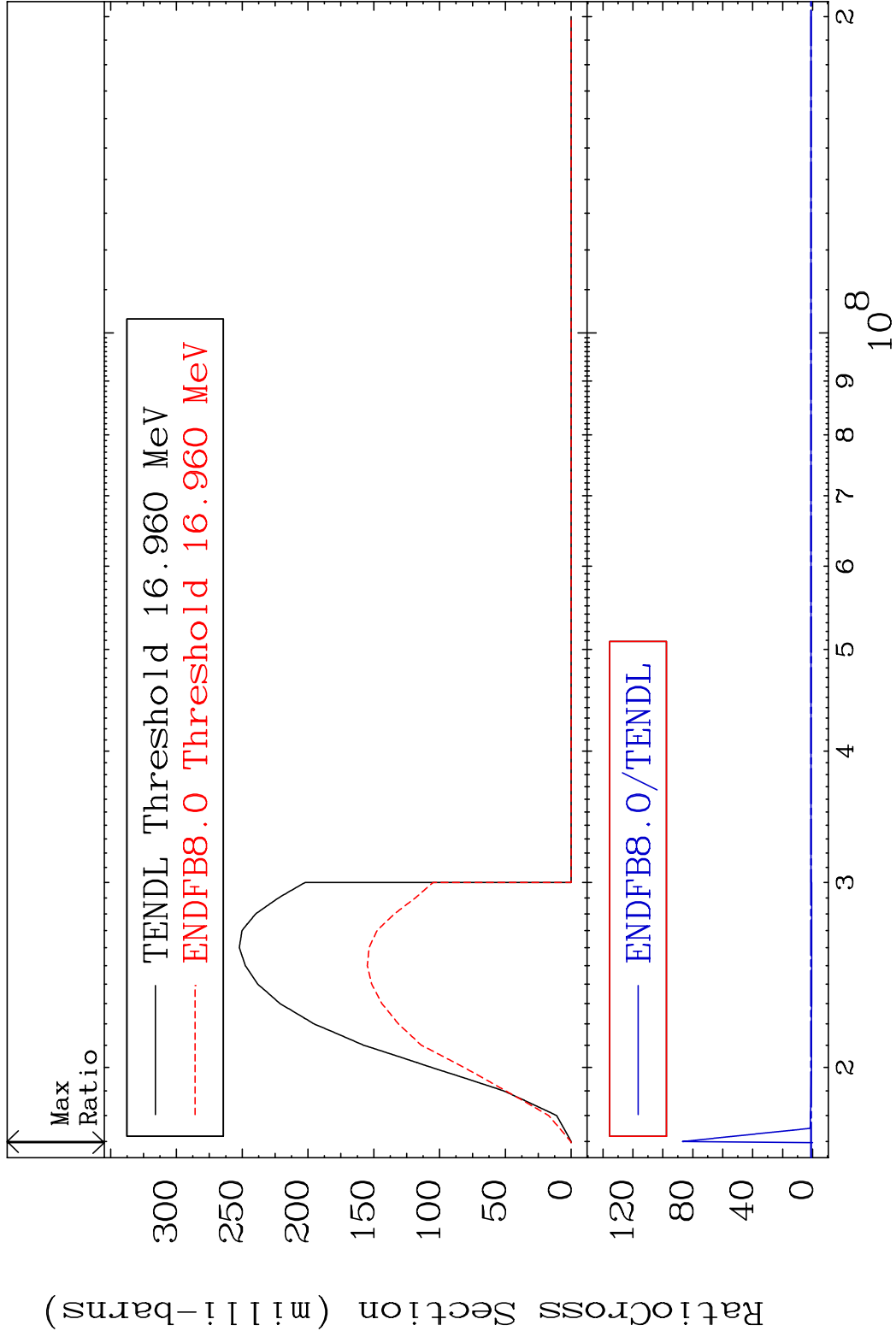
75 Incident Energy (eV) 43-Tc-98



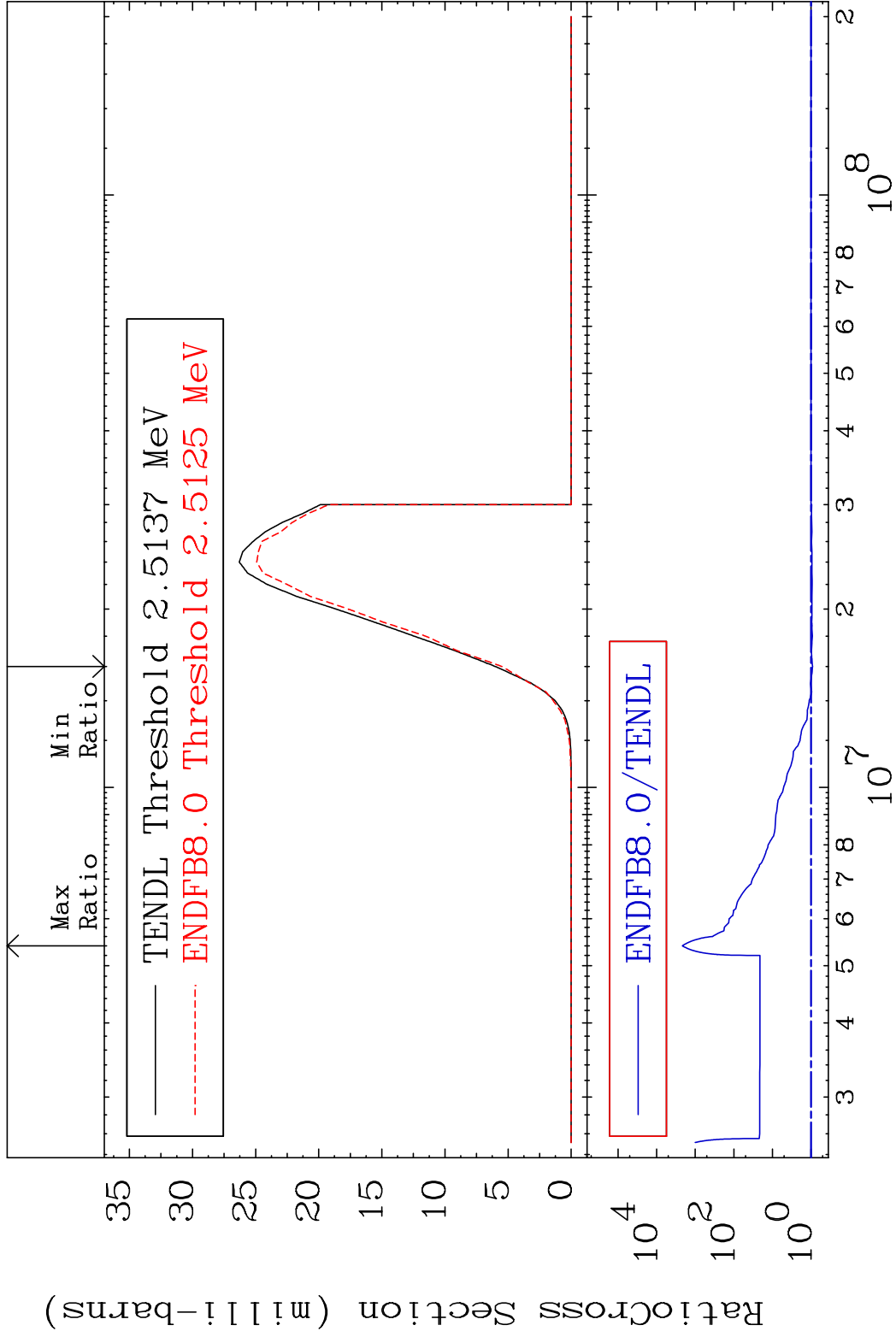


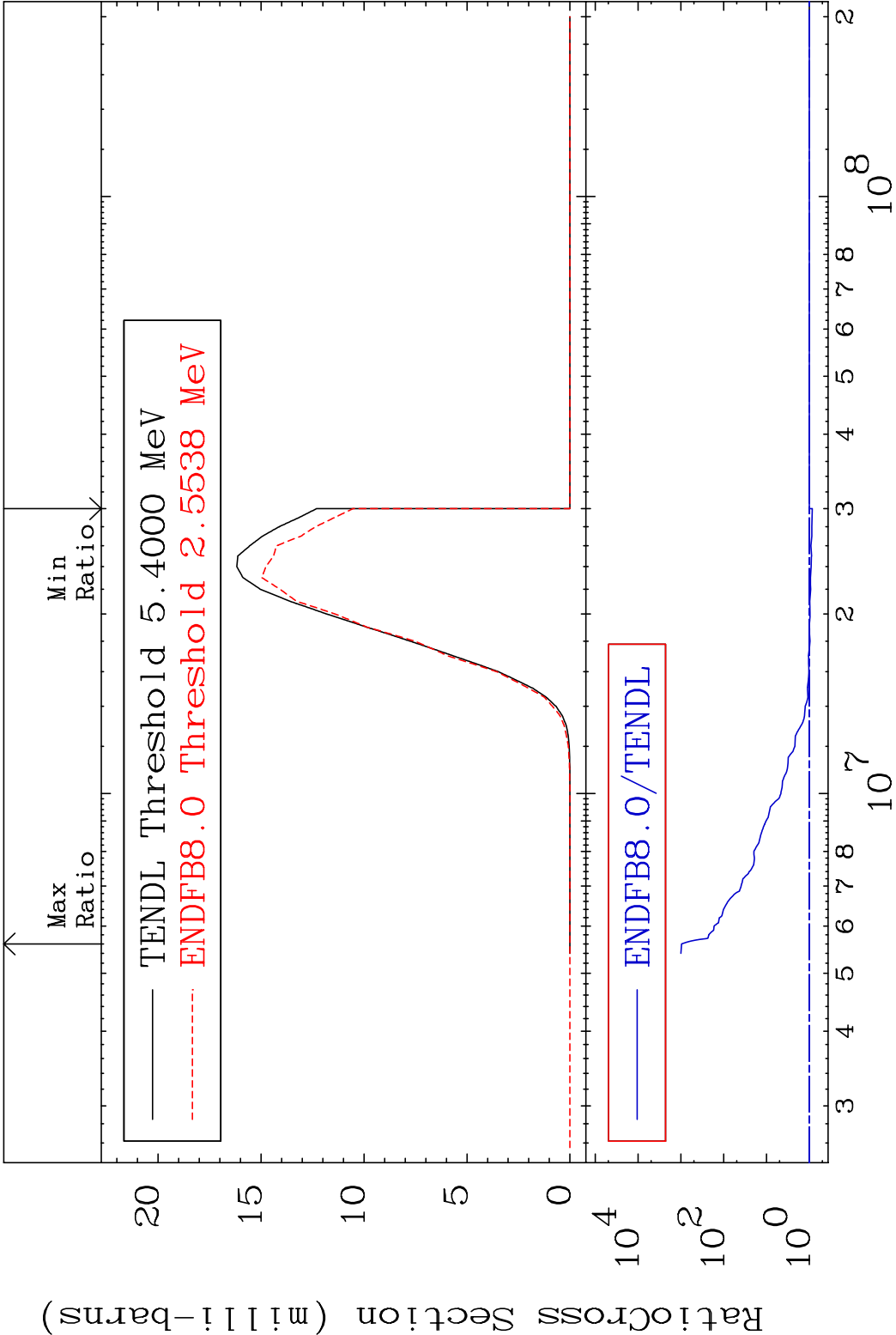
Radionuclide Production Cross Section (mb) 9999. %

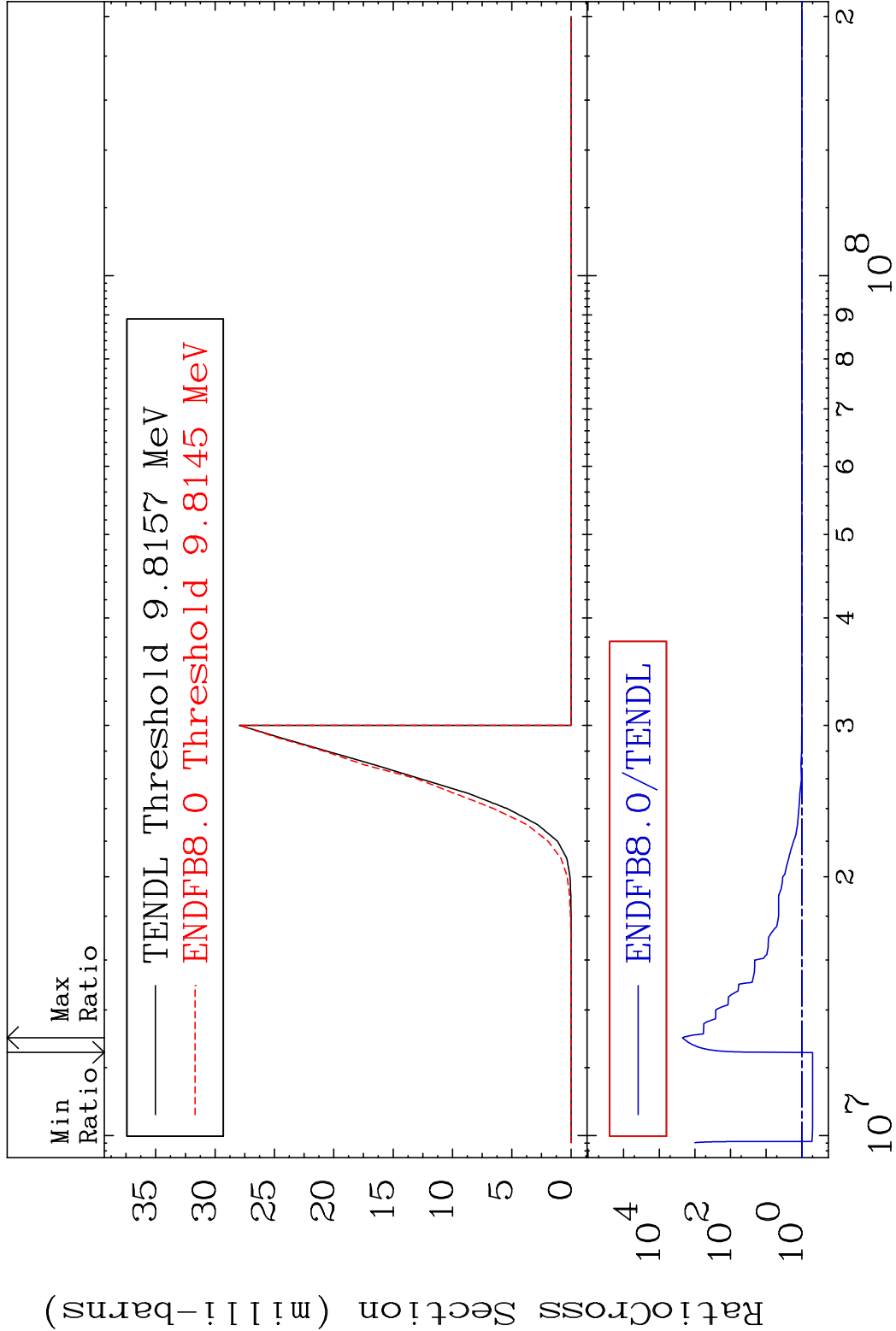




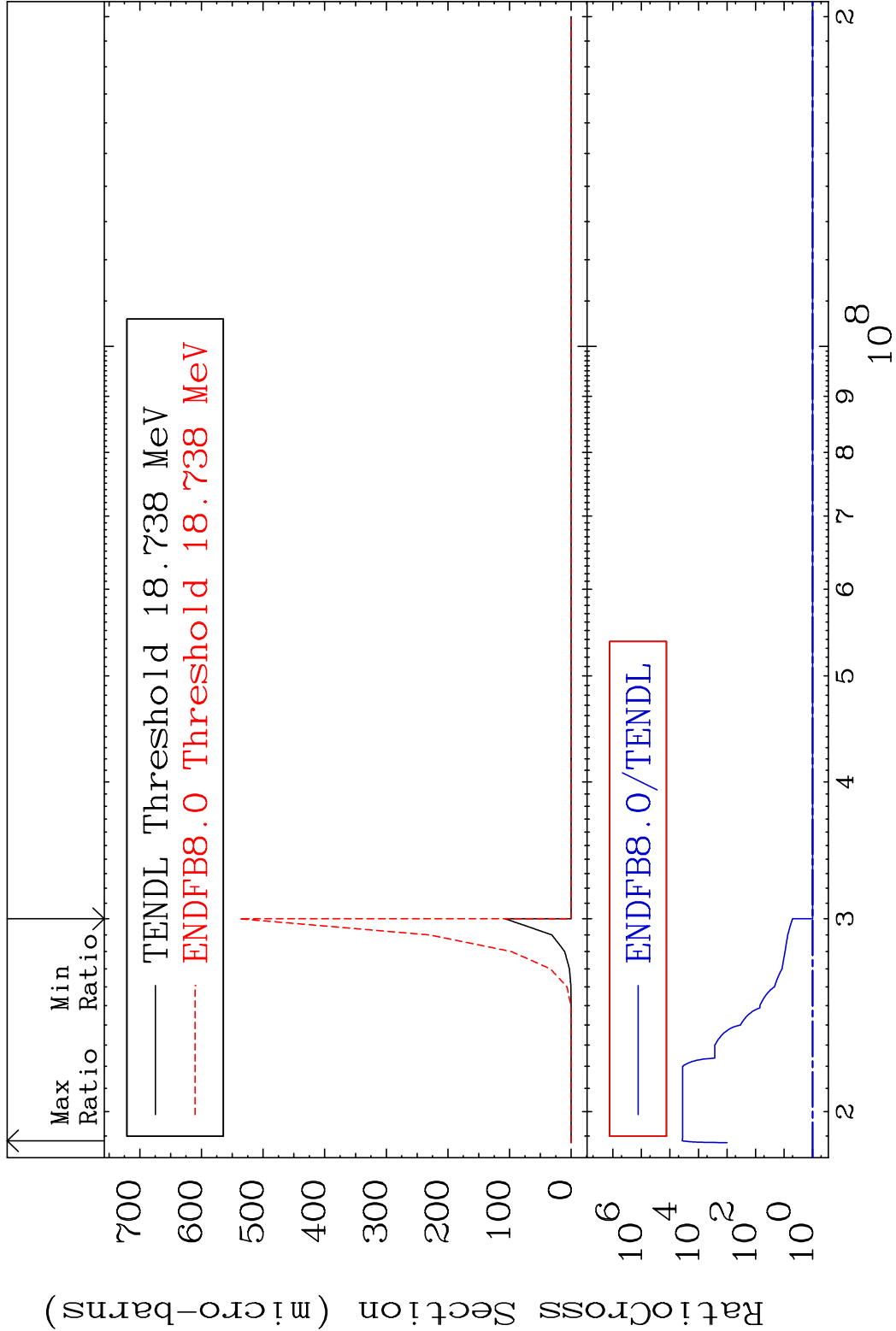
Radionuclide Production Cross Section



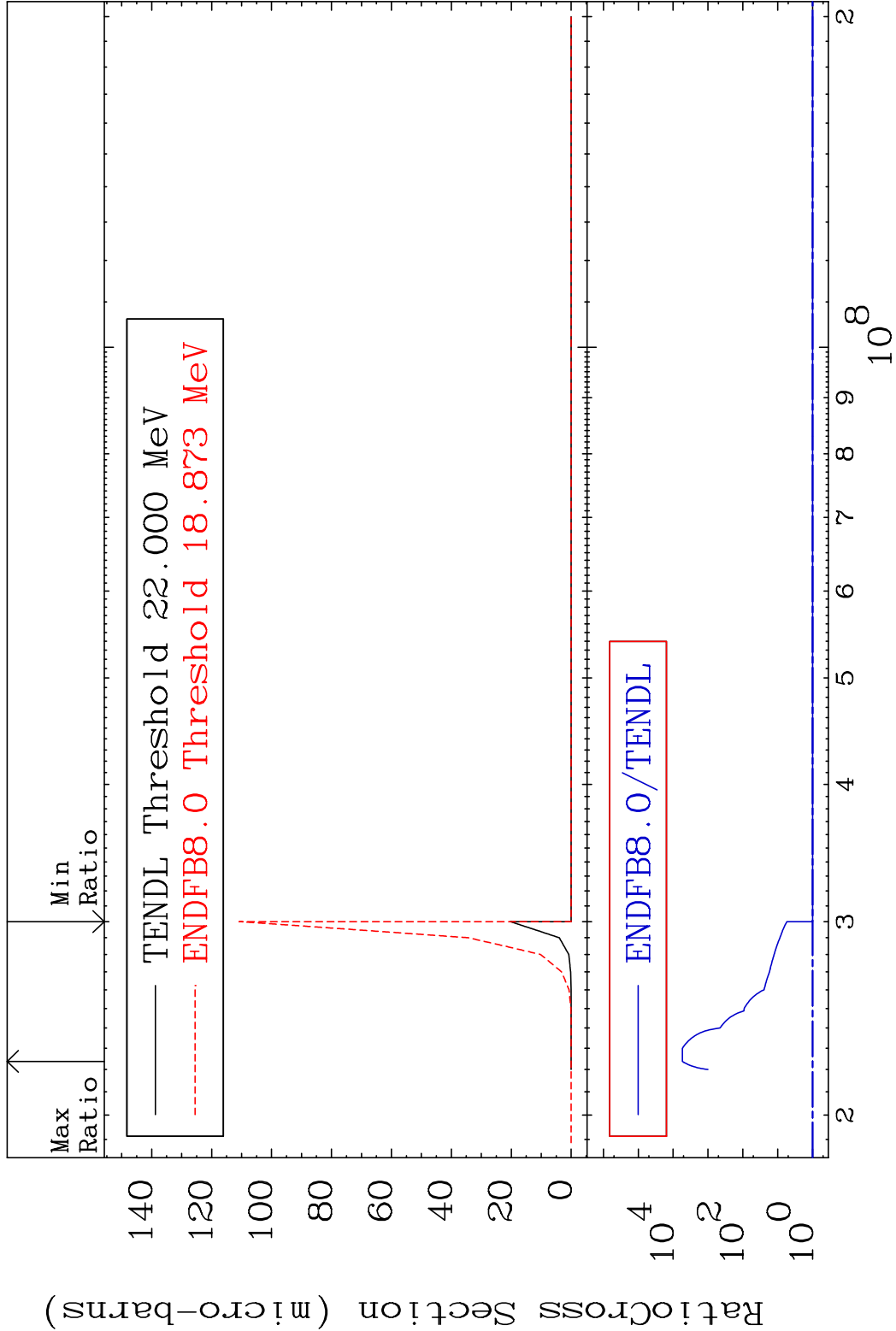


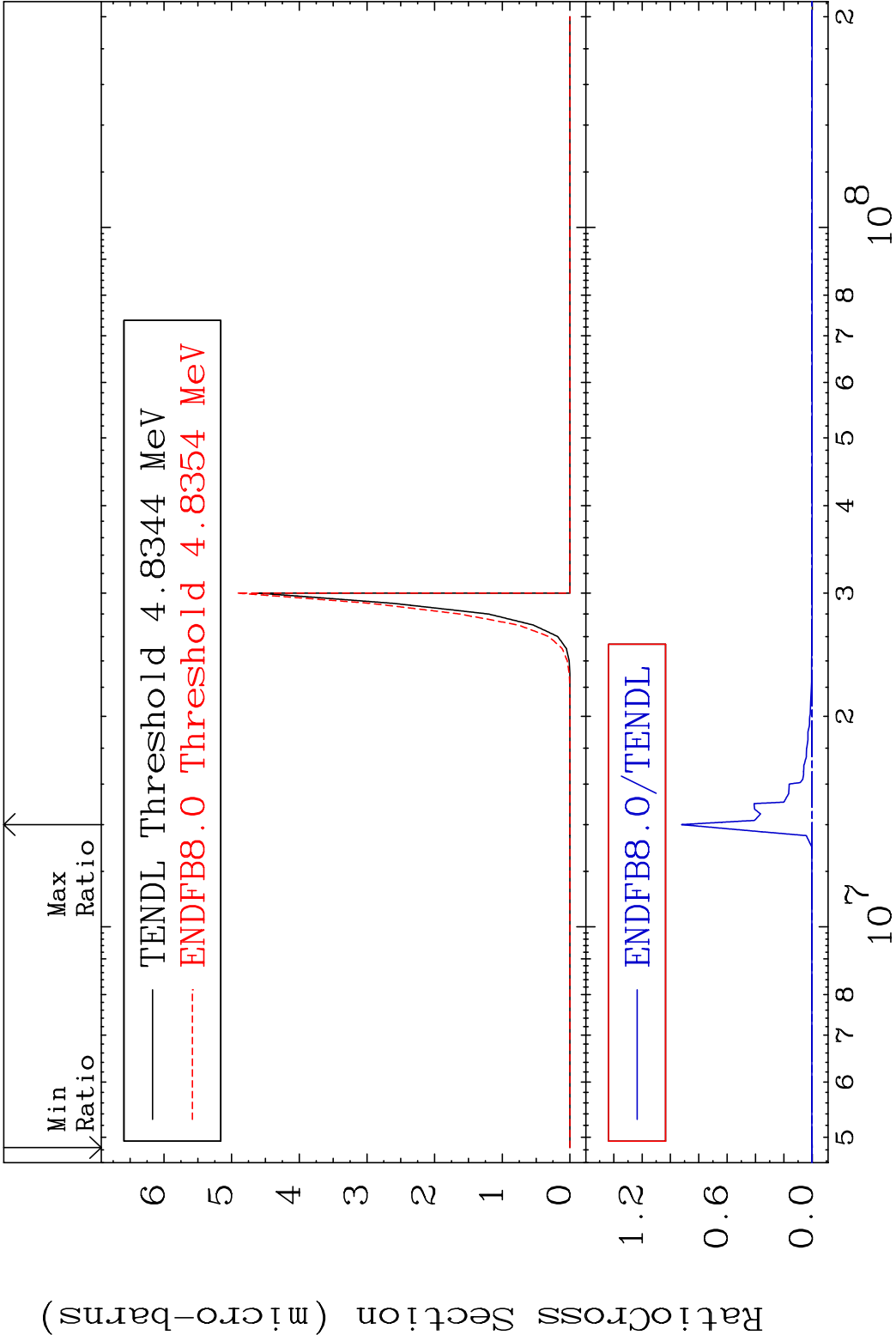


Radionuclide Production Cross Section, %



Radionuclide Production Cross Section, %





Radionuclide Production Cross Section to 9999. %

