

Program Complot
(Version 2021-1)

by

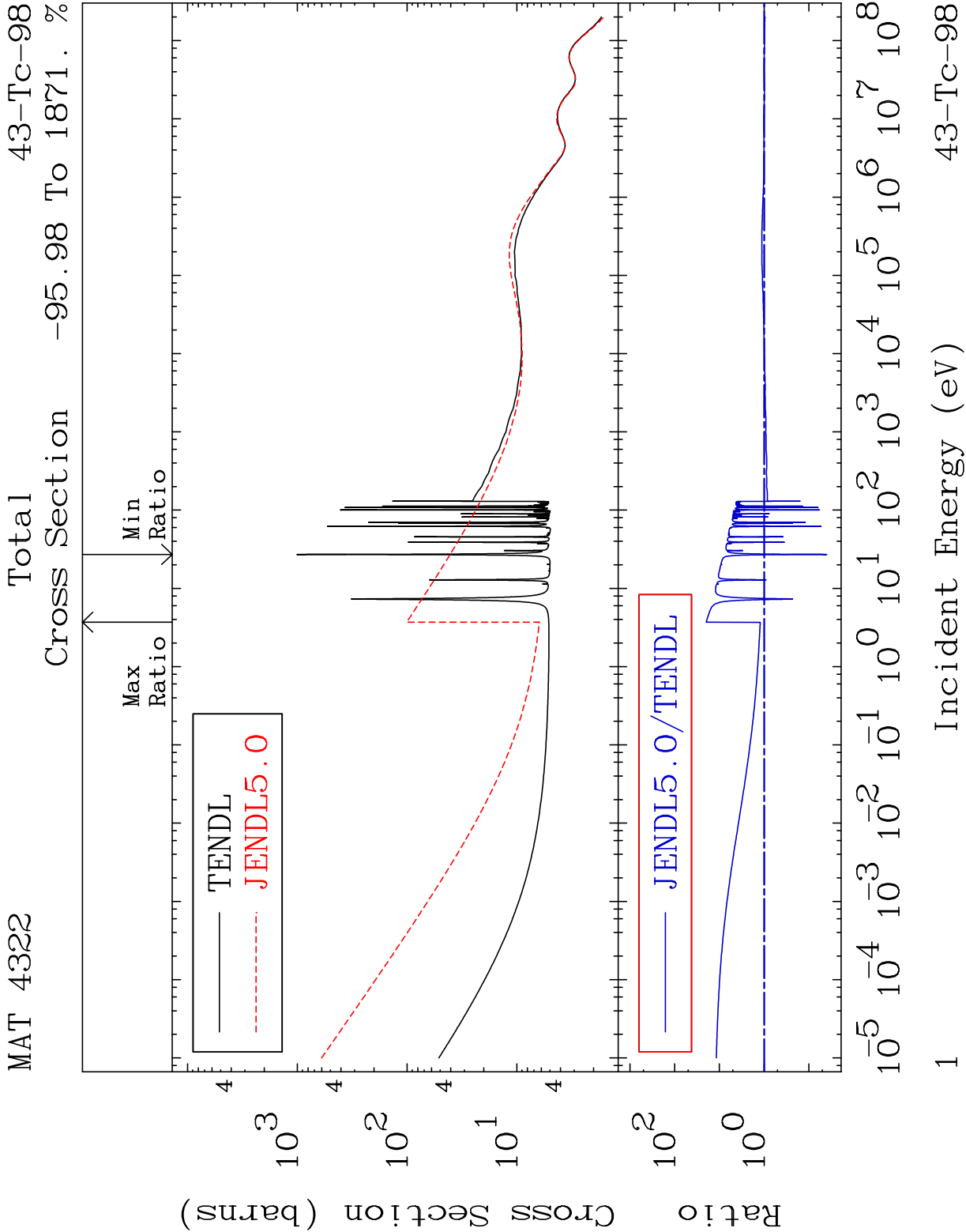
Dermott E. Cullen
(Present Contact Information)

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

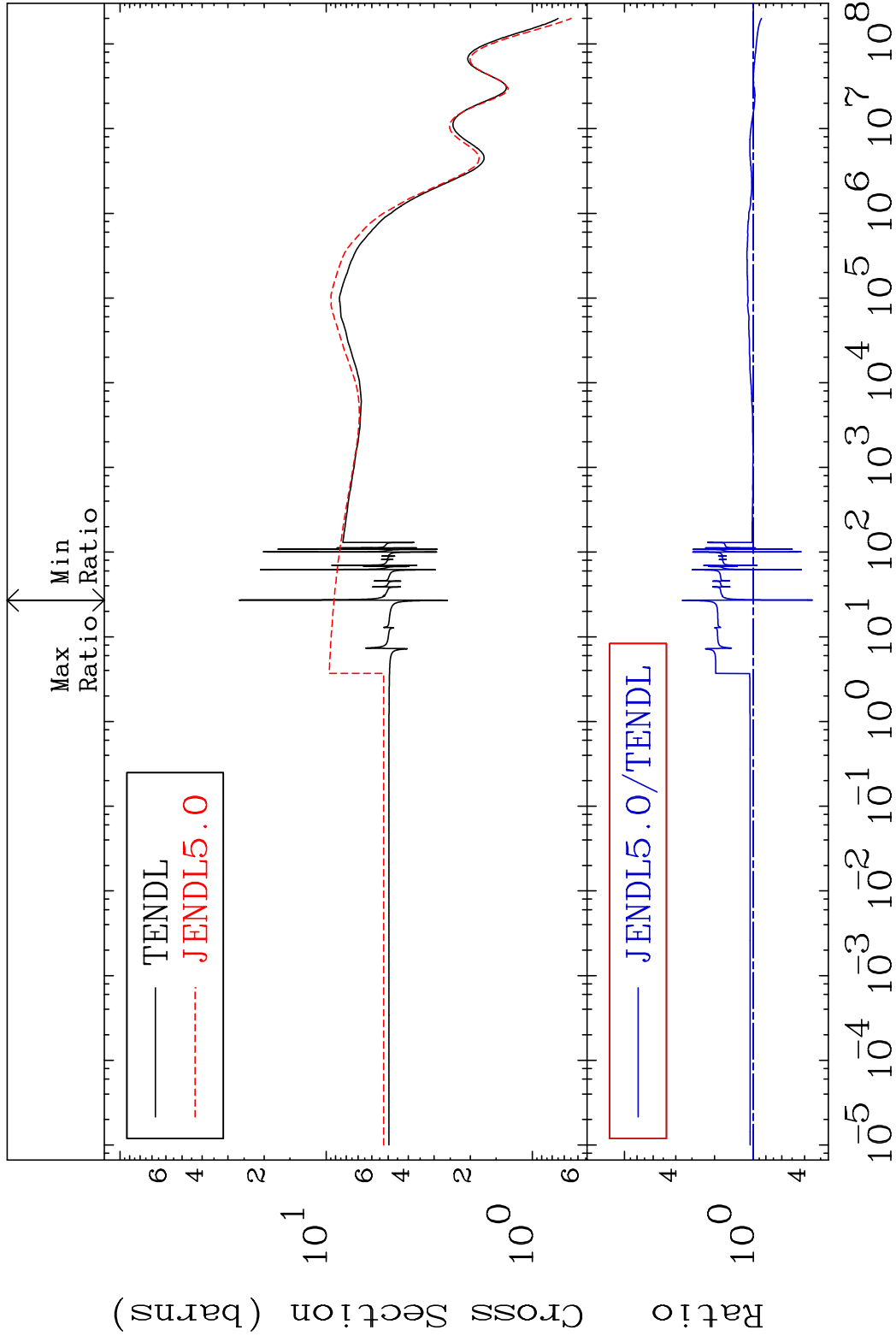


MAT 4322

Elastic

43-Tc-98

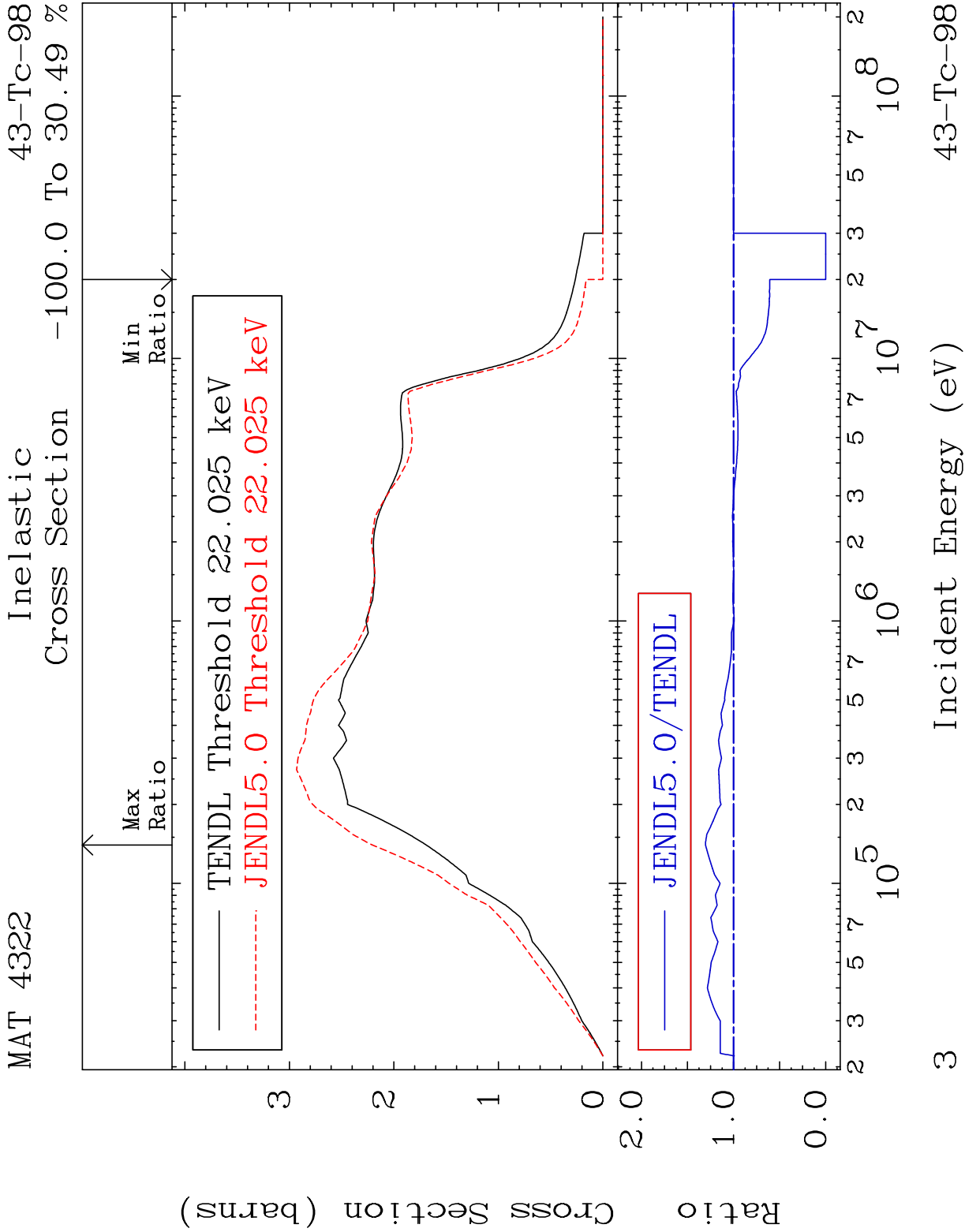
Cross Section -65.30 To 255.9 %

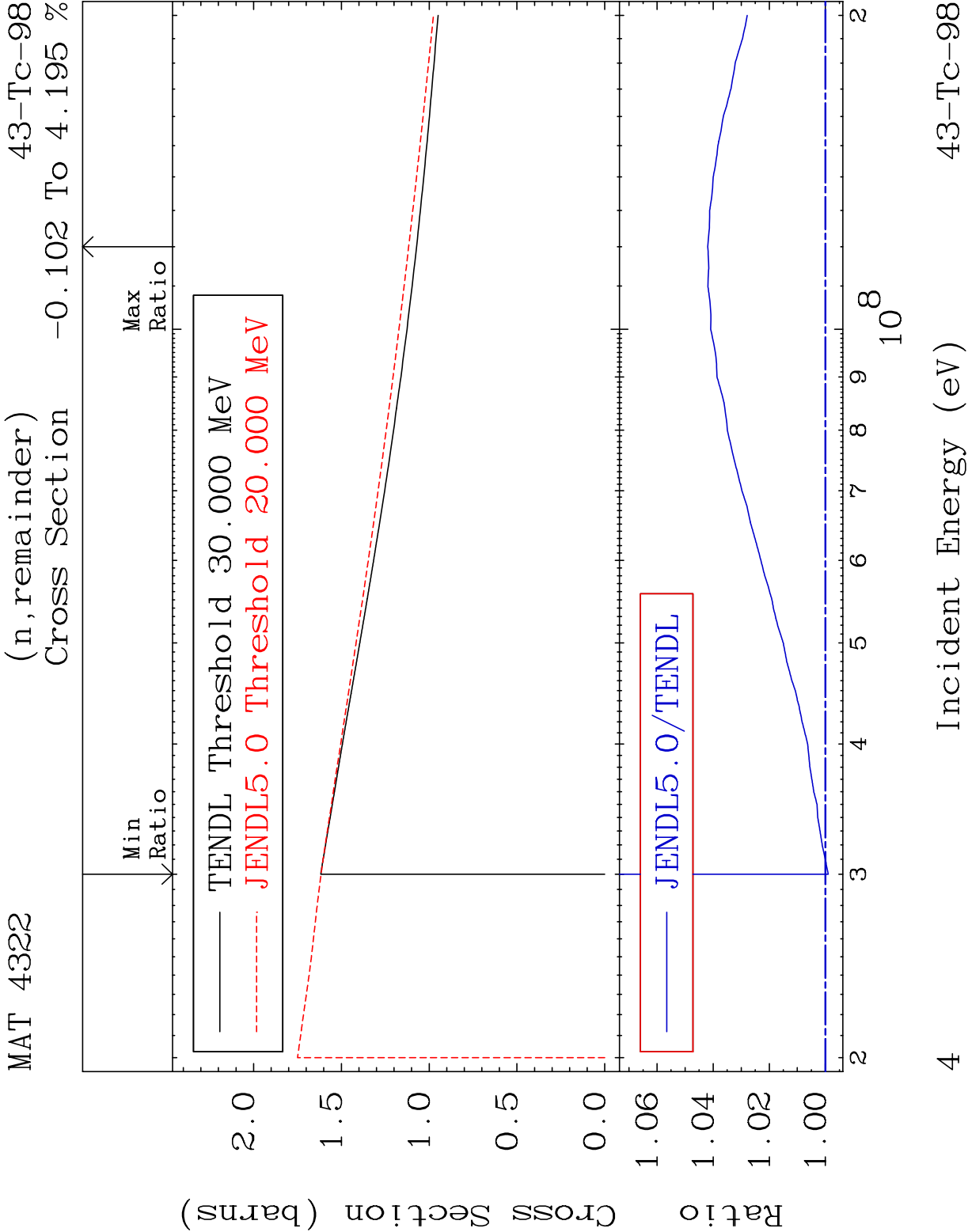


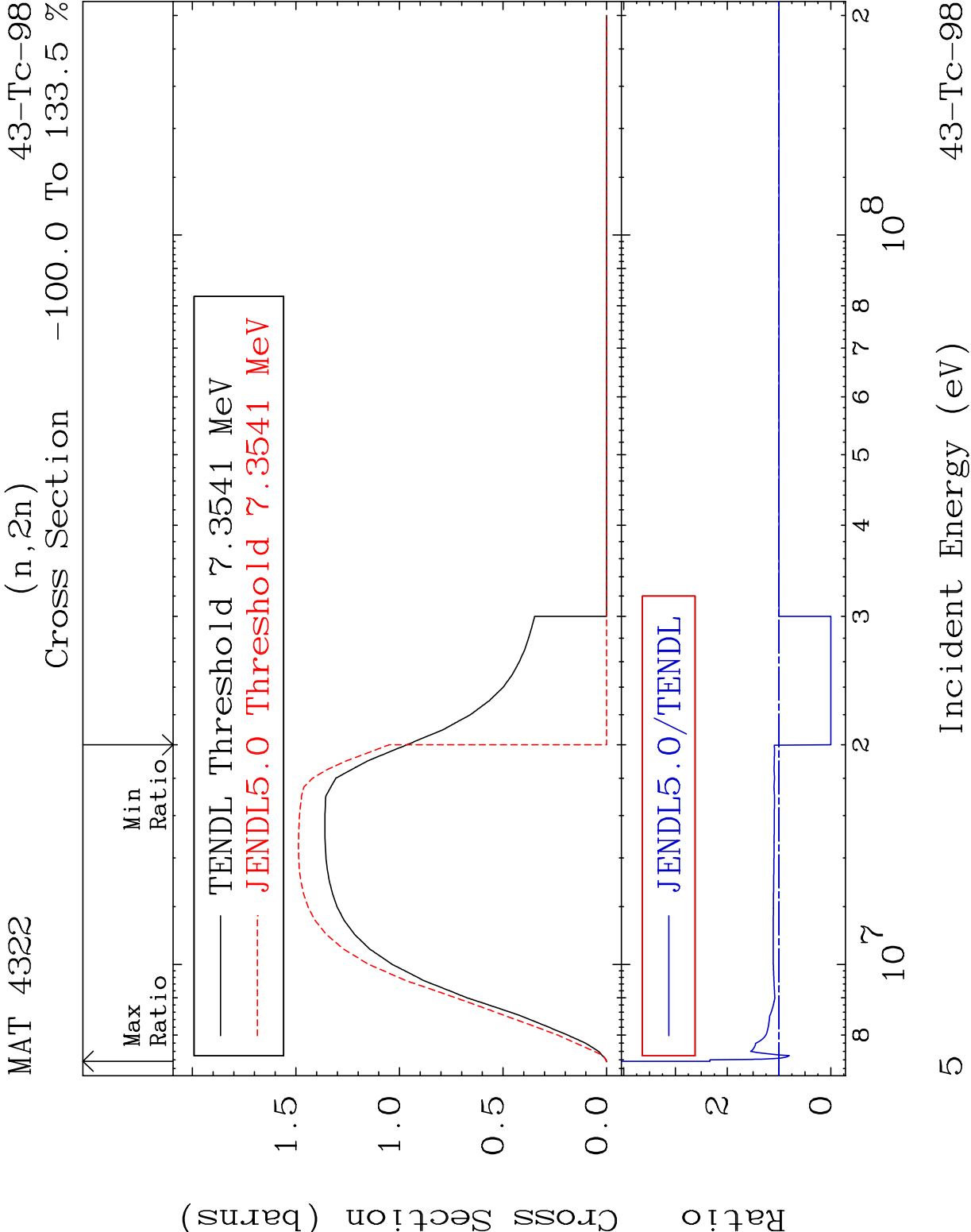
2

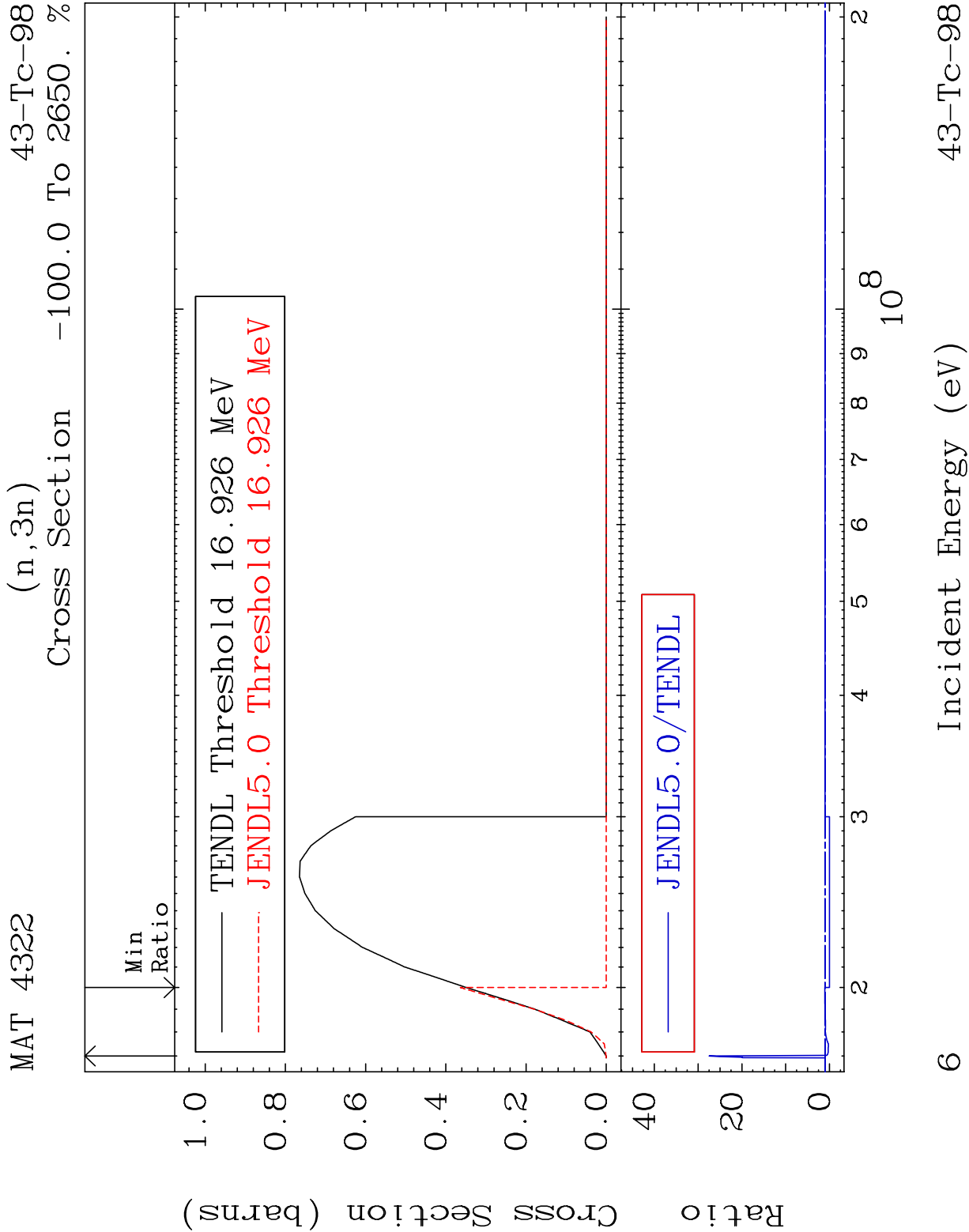
Incident Energy (eV)

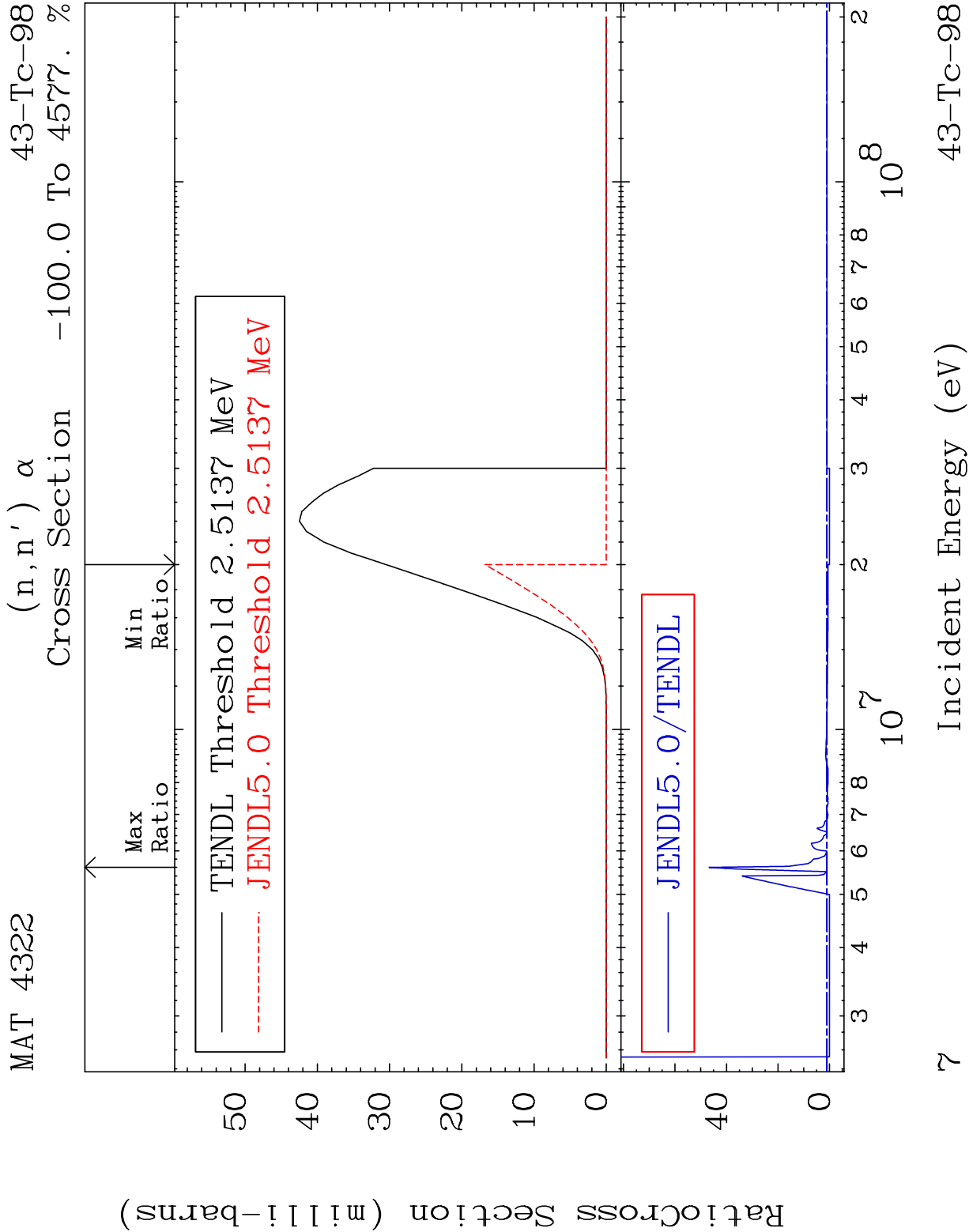
43-Tc-98

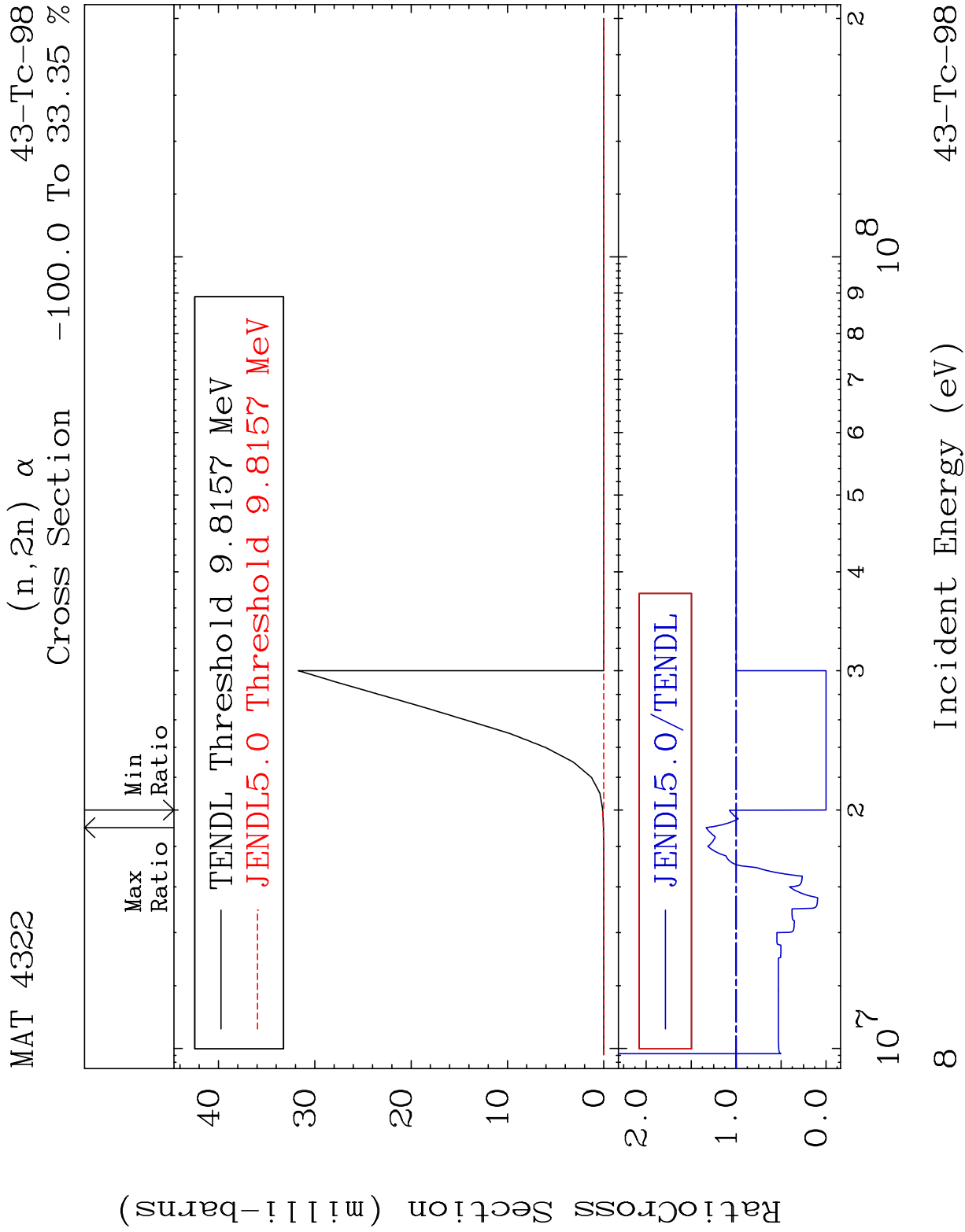


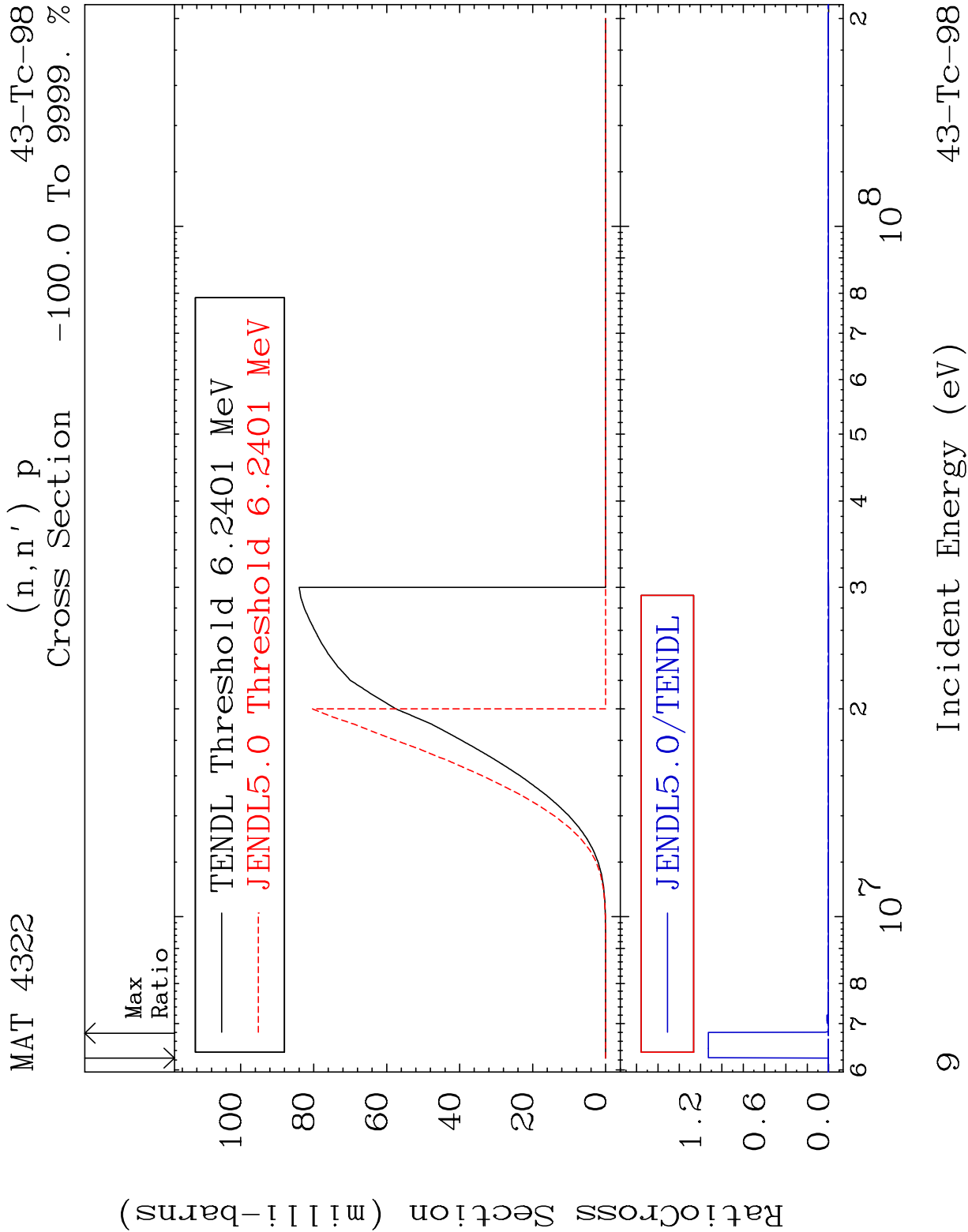


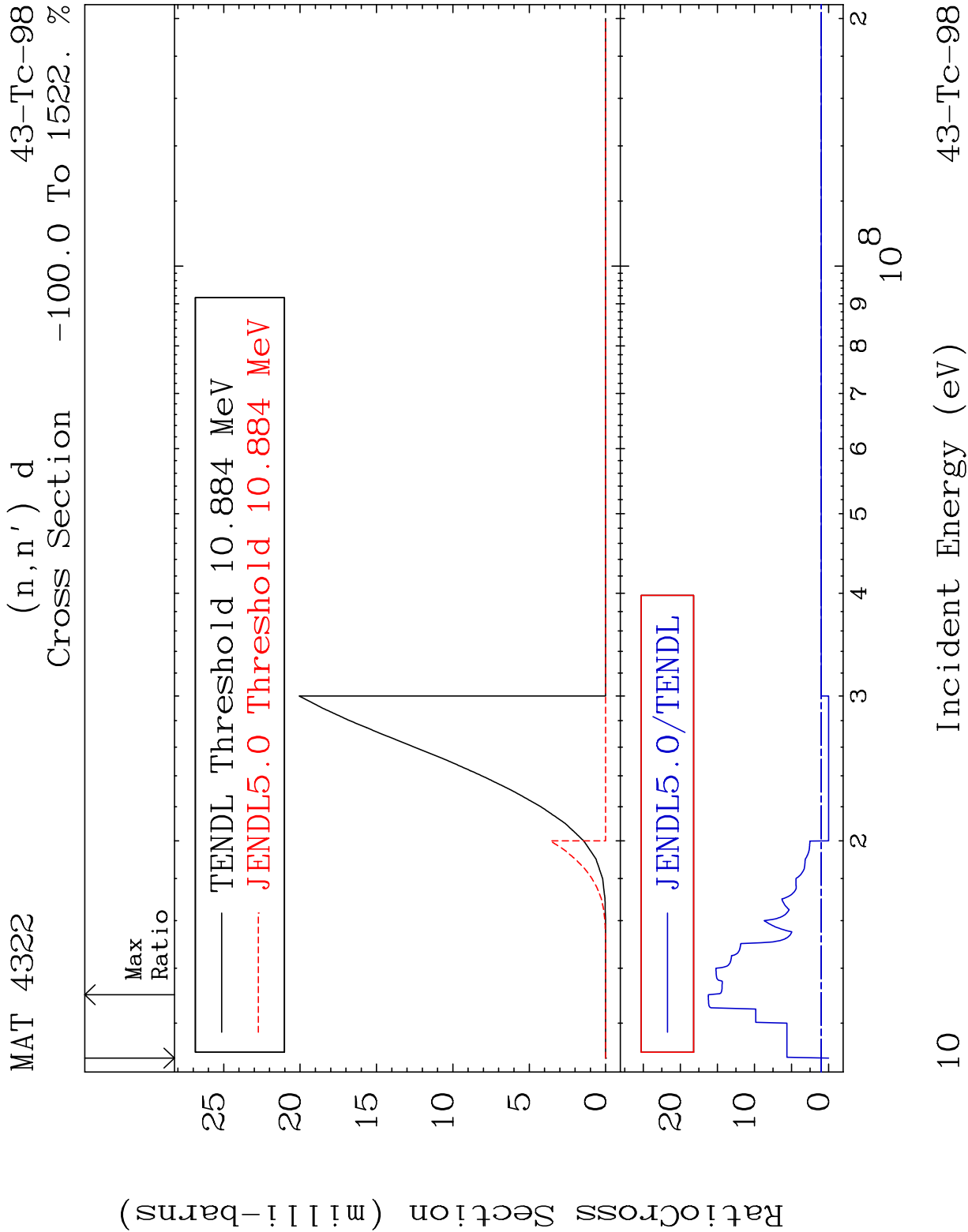










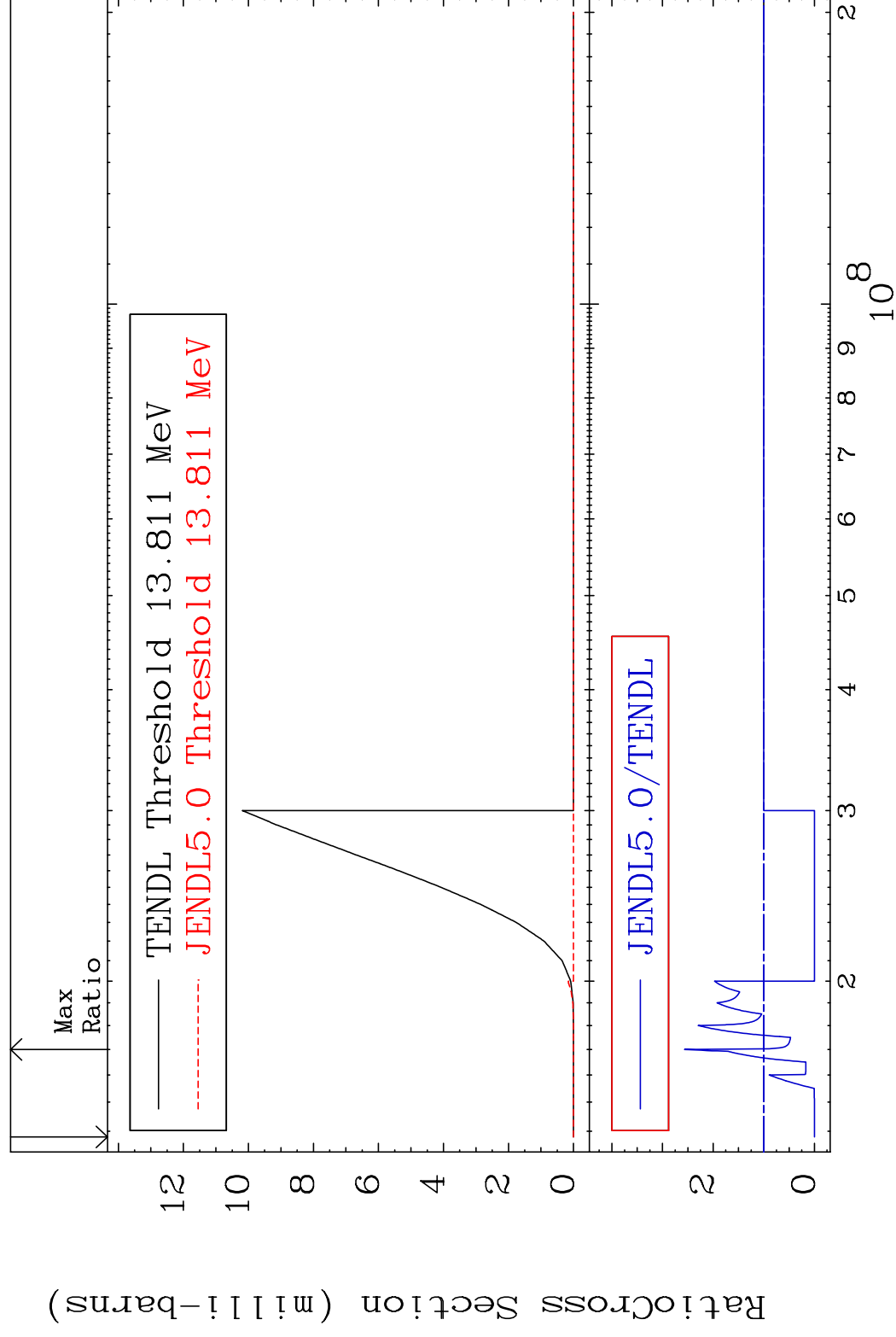


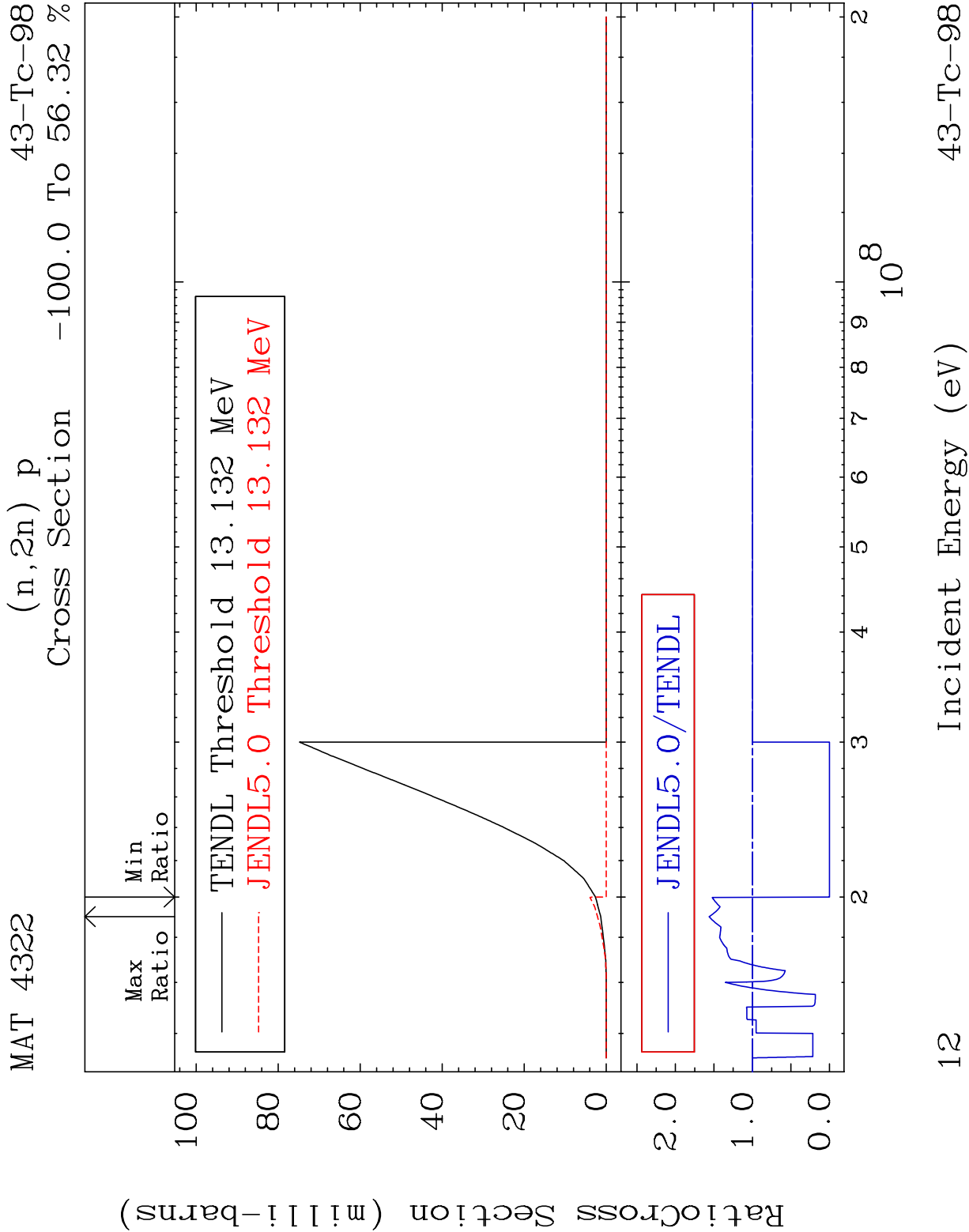
MAT 4322

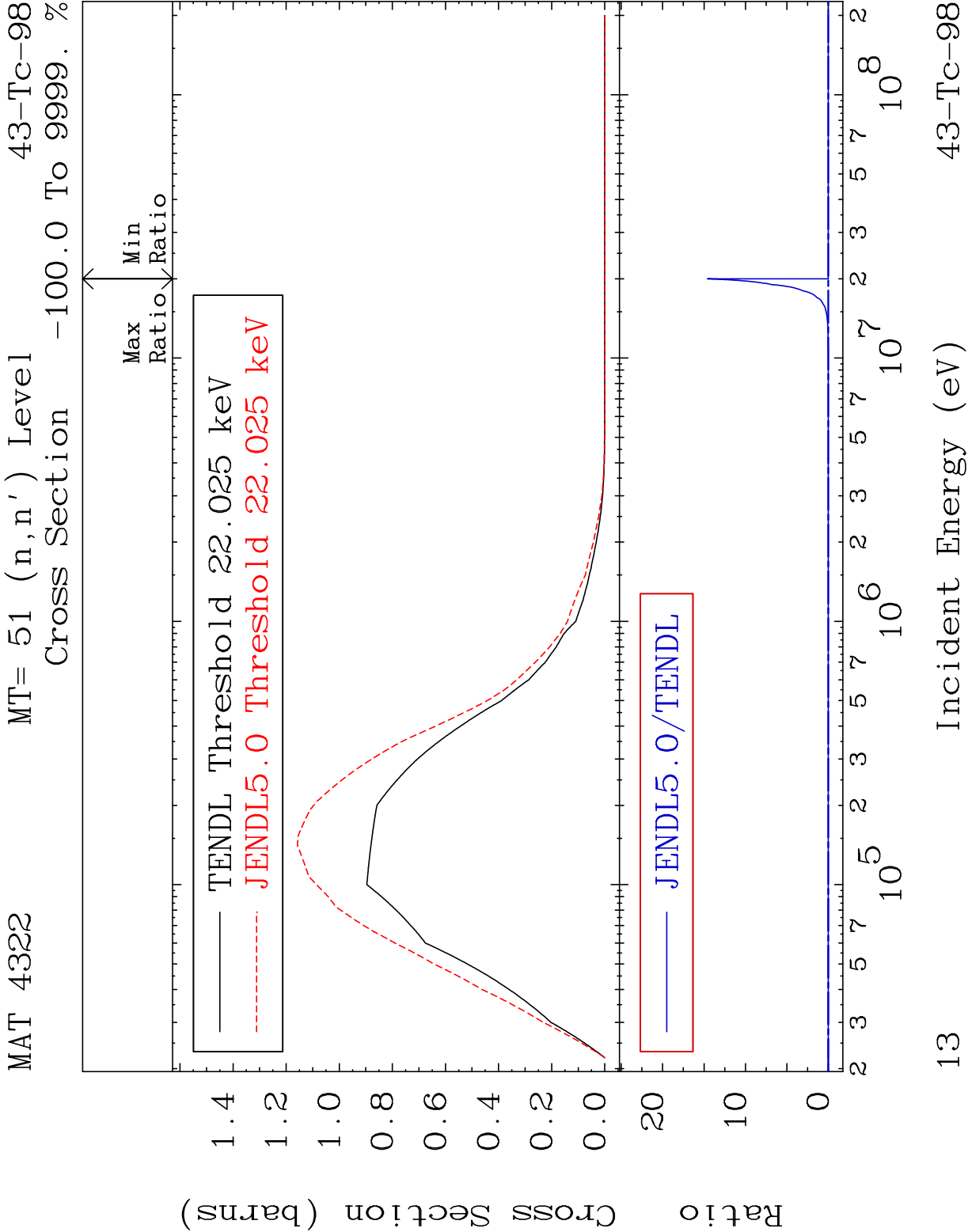
$$(n, n')t$$

43-Tc-98

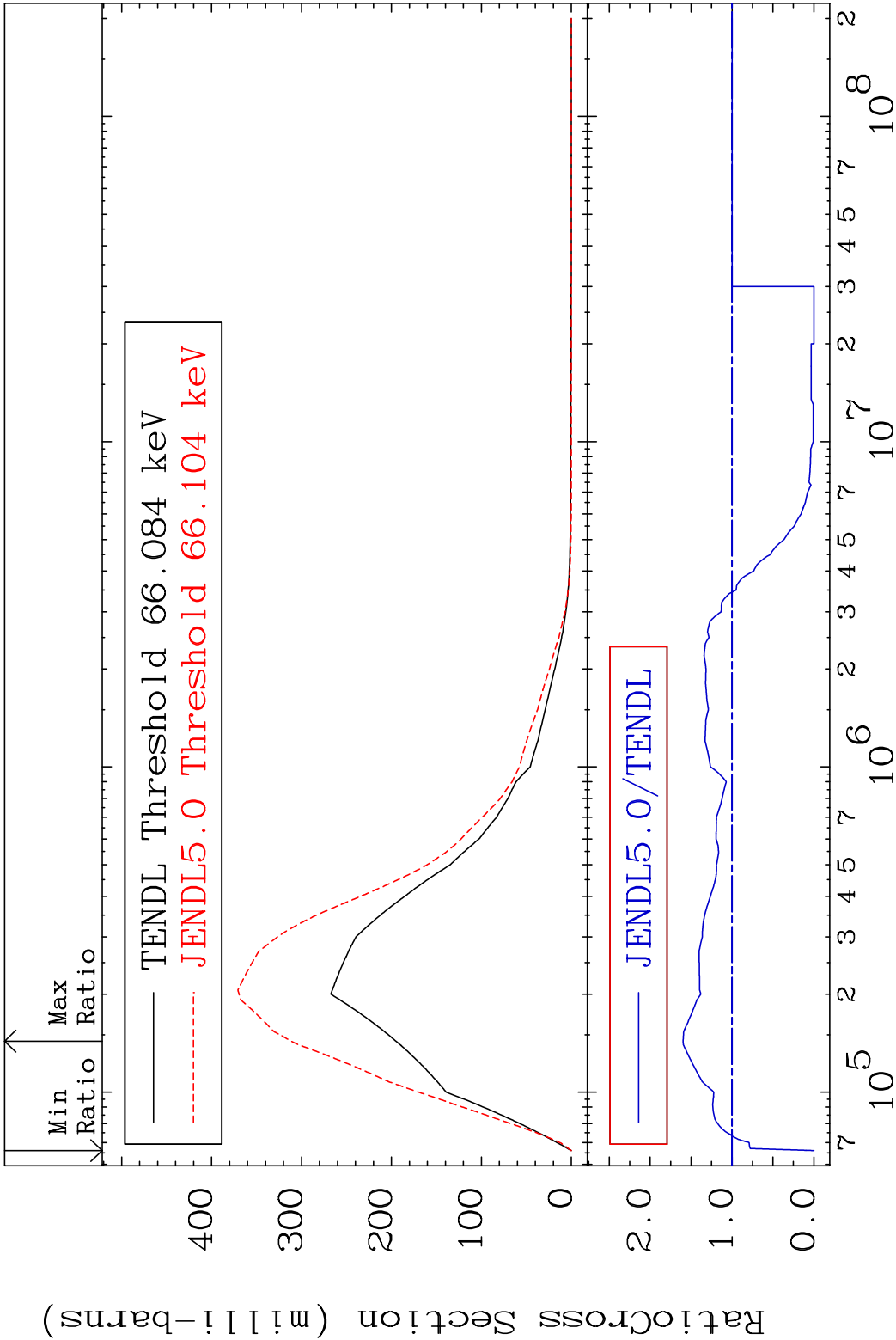
Cross Section -100.0 To 156.6 %



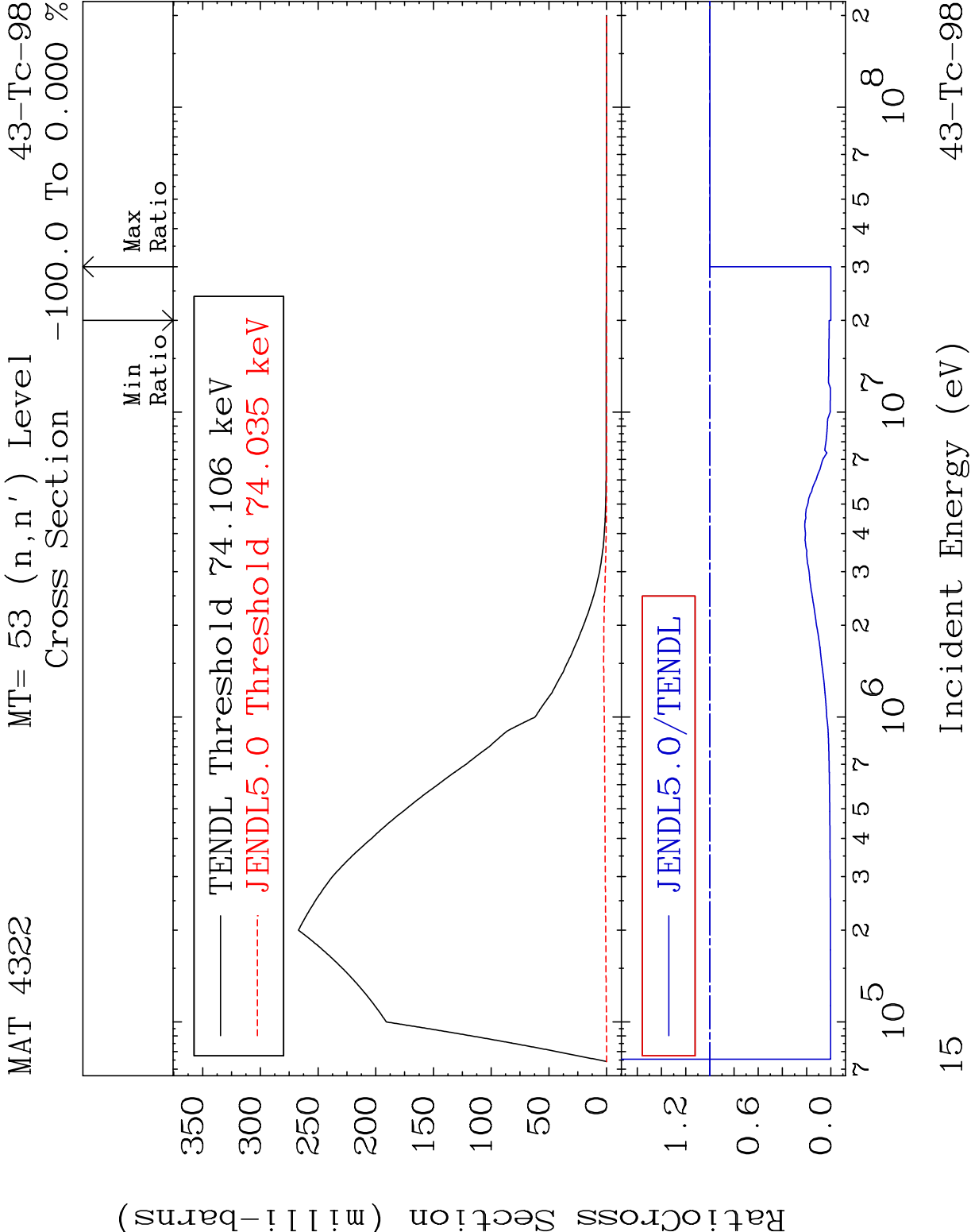


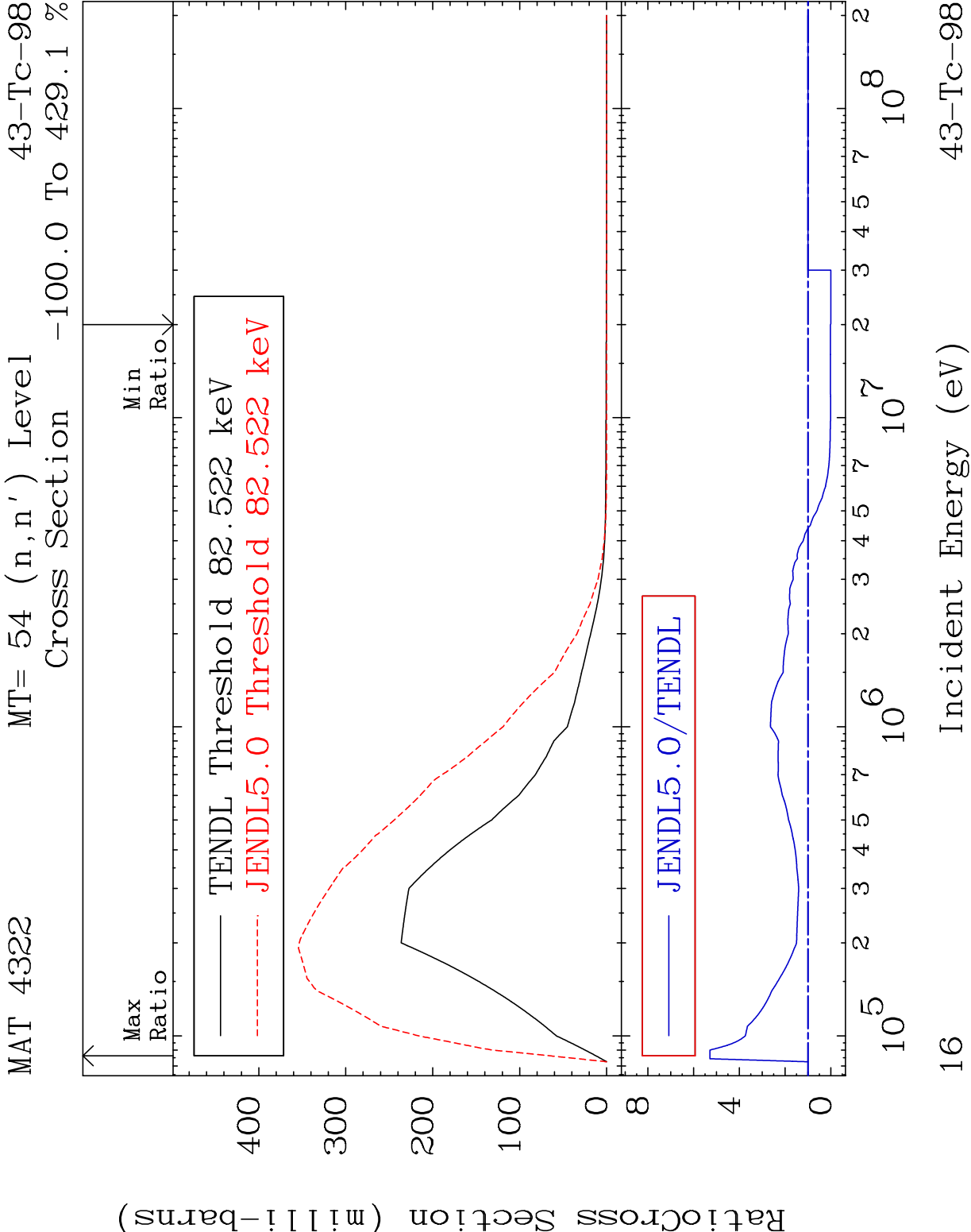


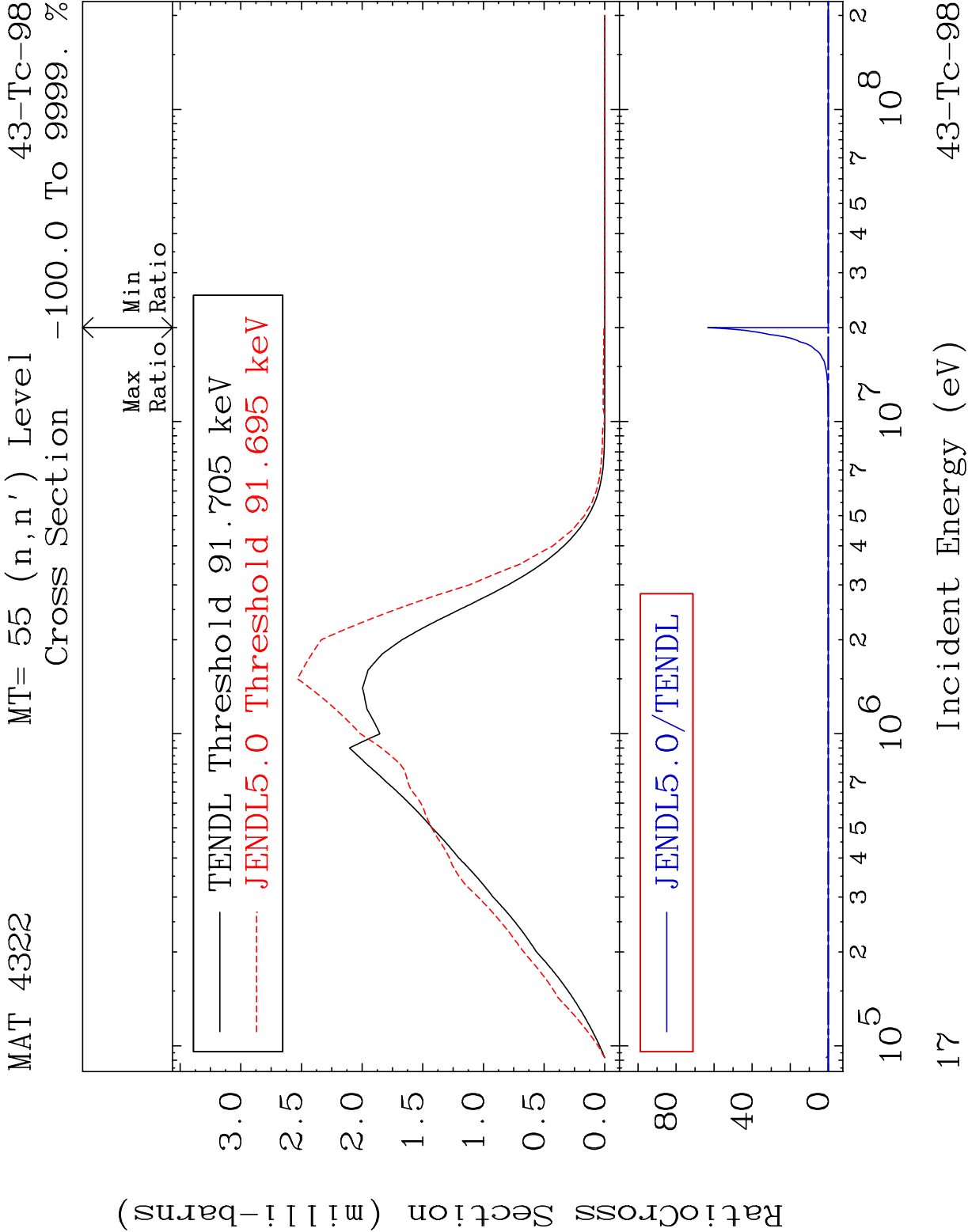
MAT 4322 MT= 52 (n,n') Level 43-Tc-98
Cross Section -100.0 To 59.81 %

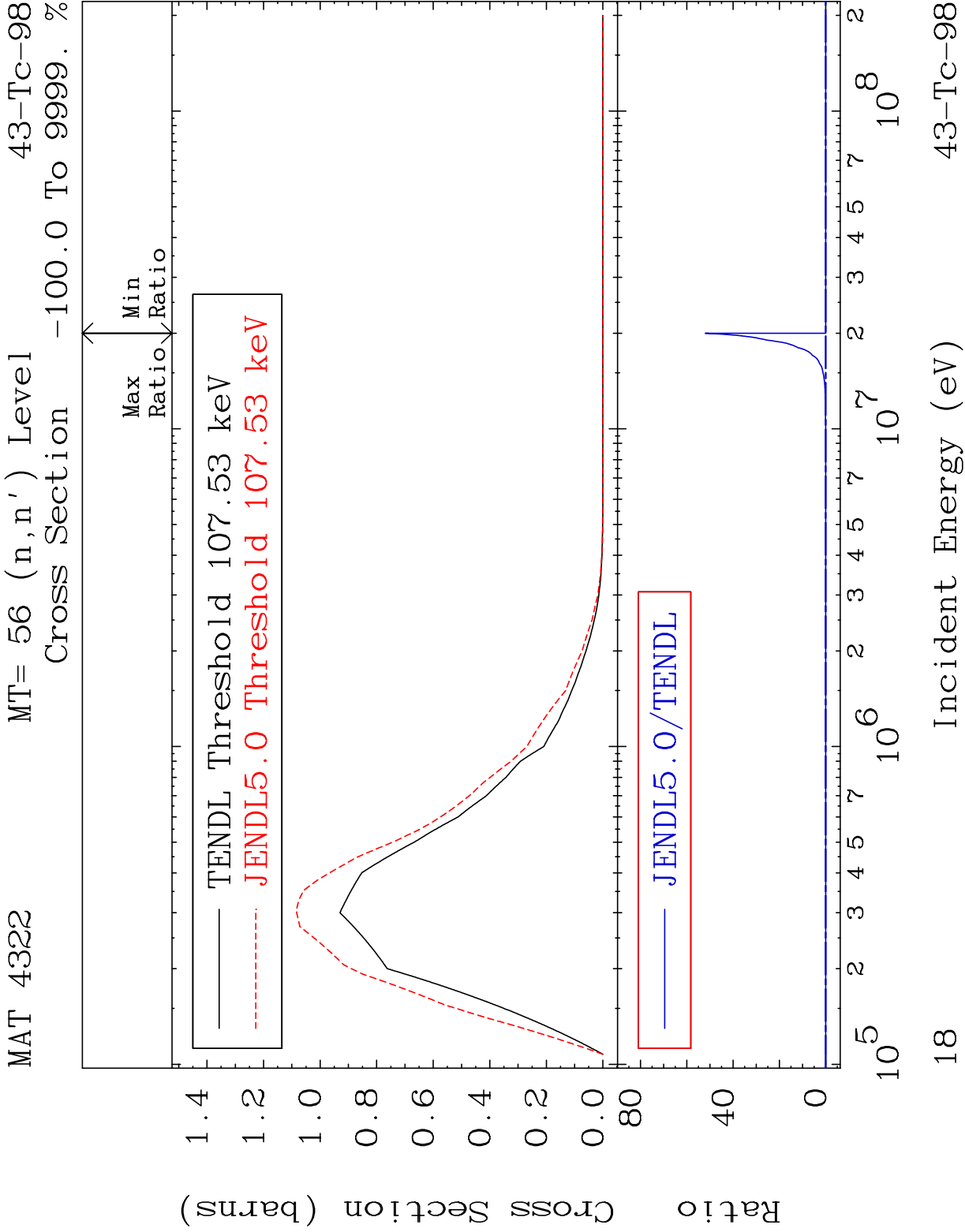


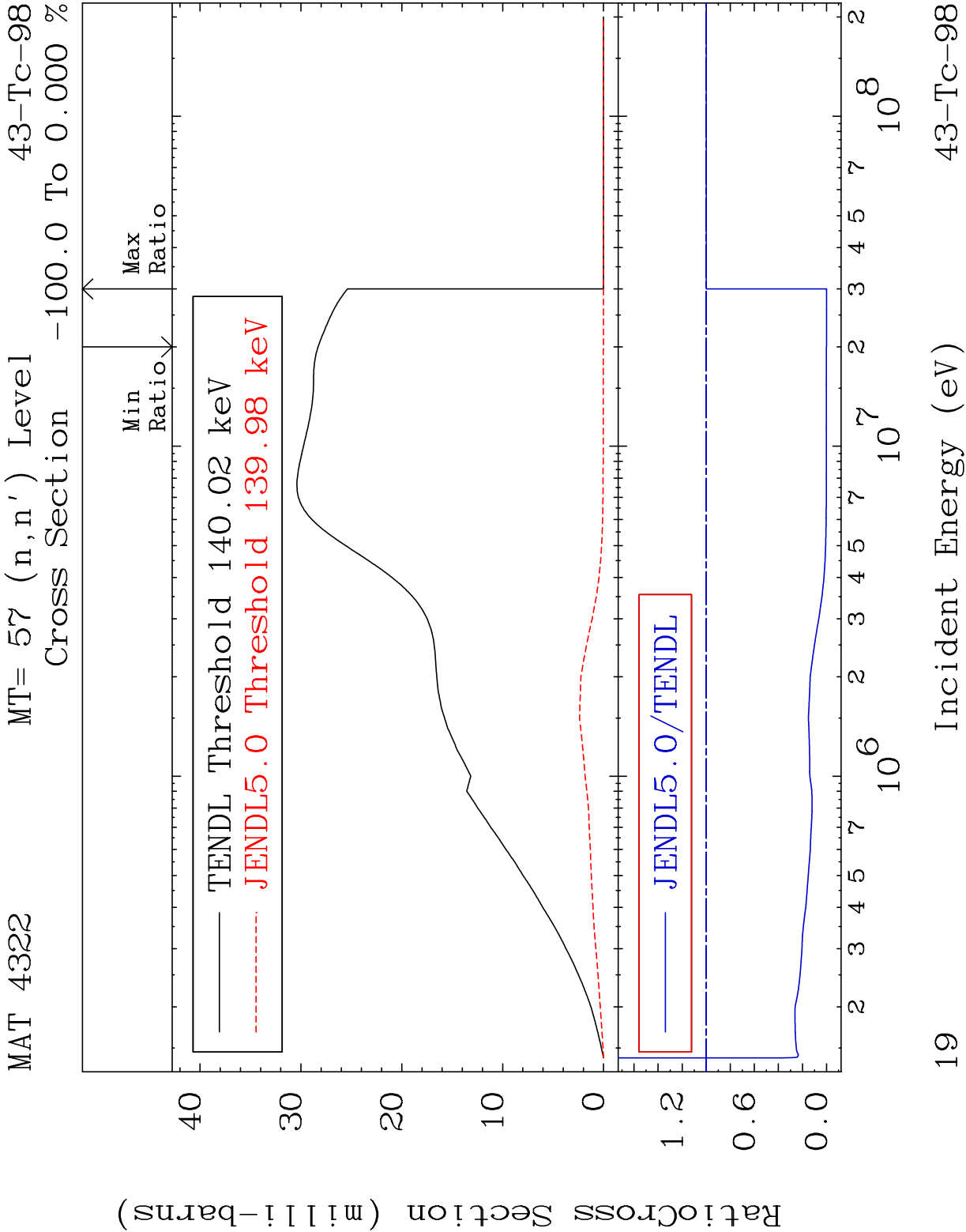
14 Incident Energy (eV) 43-Tc-98

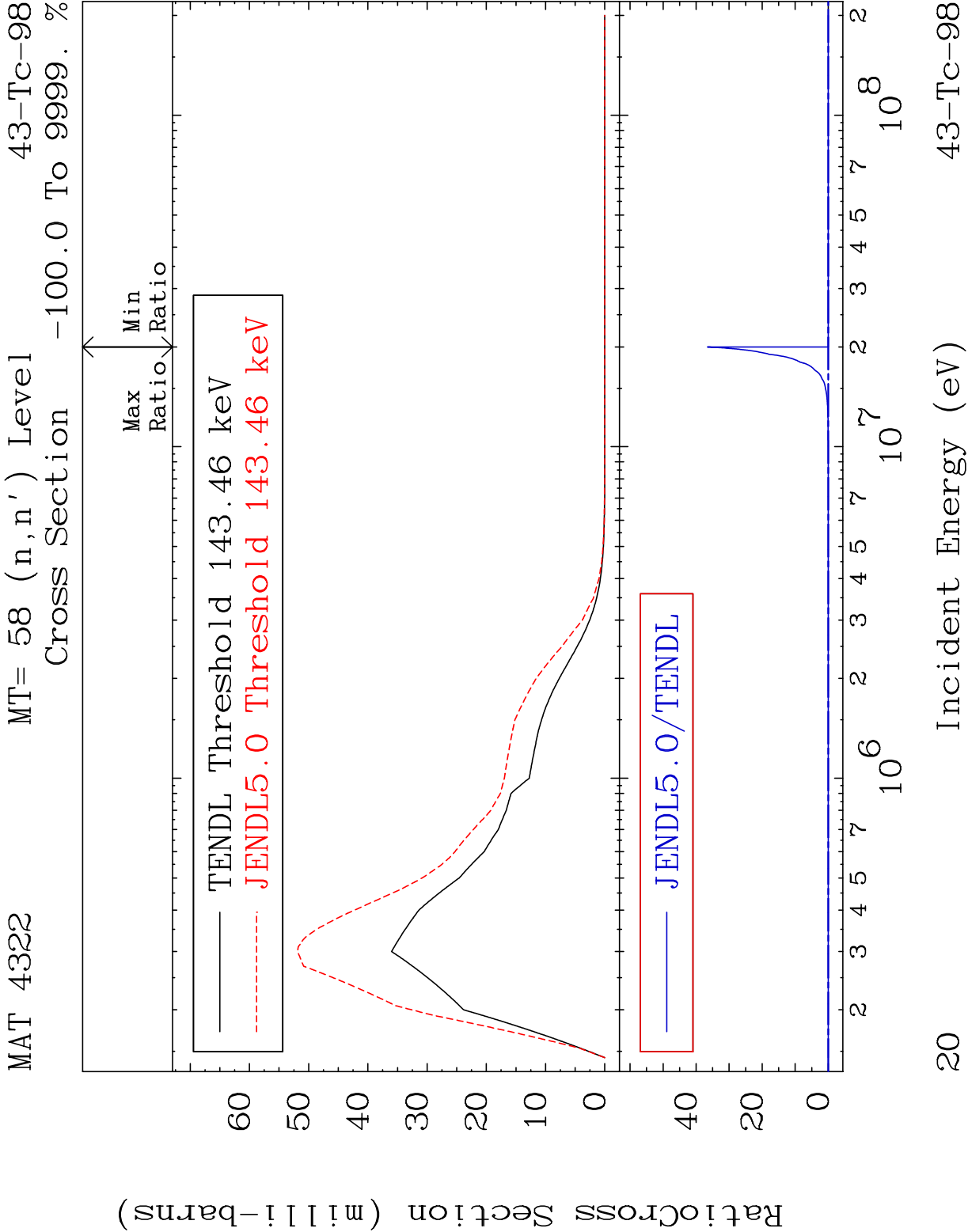


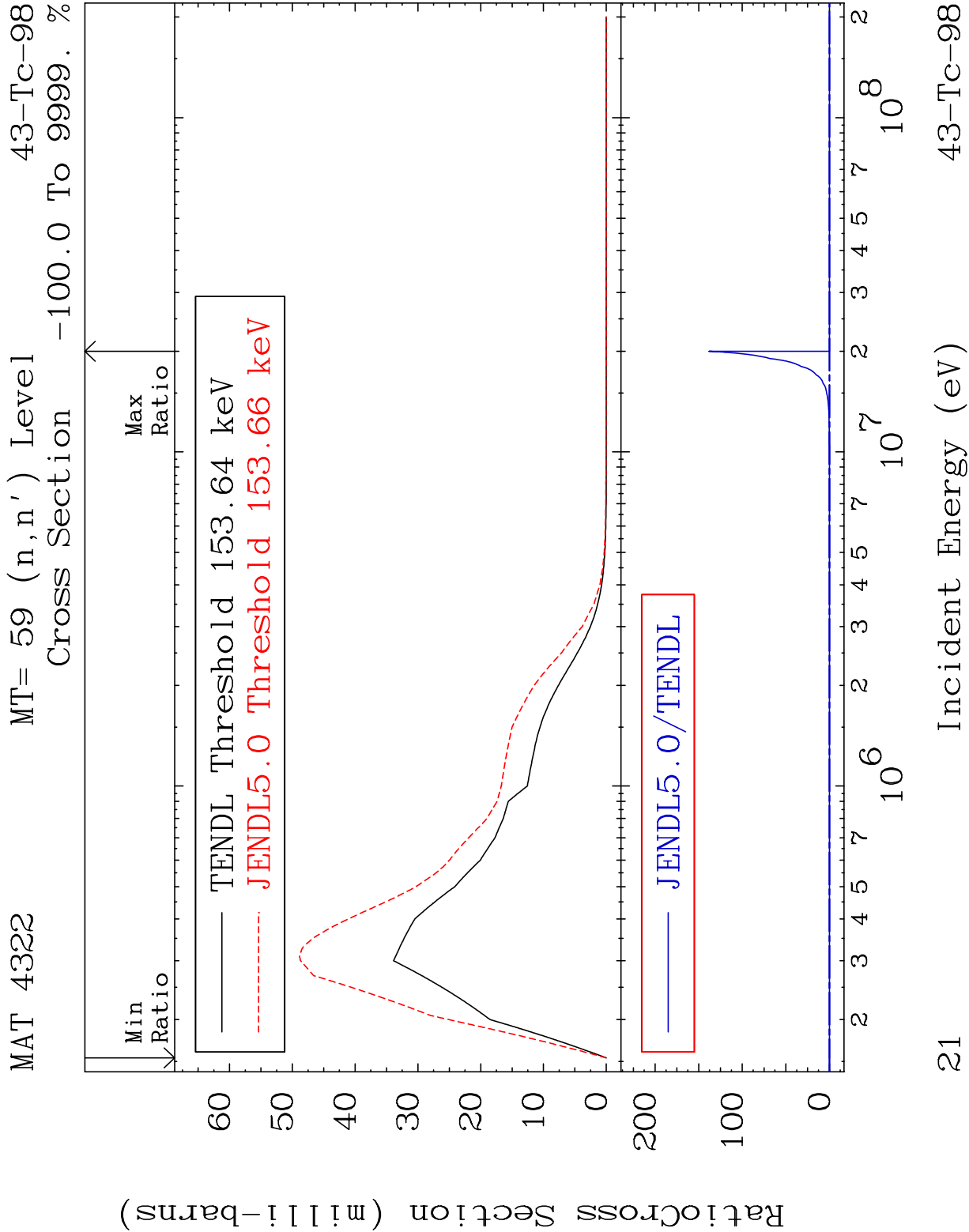






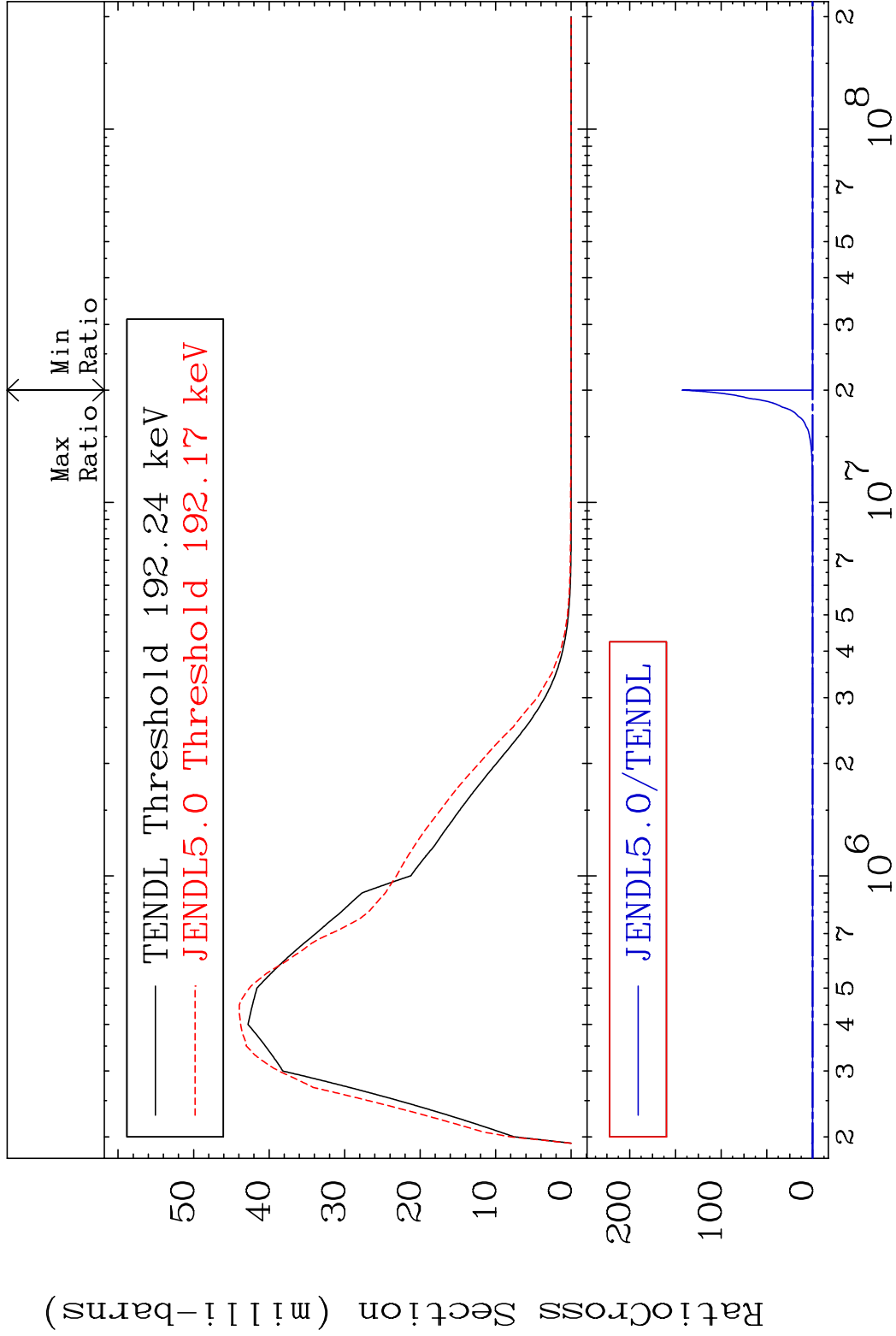


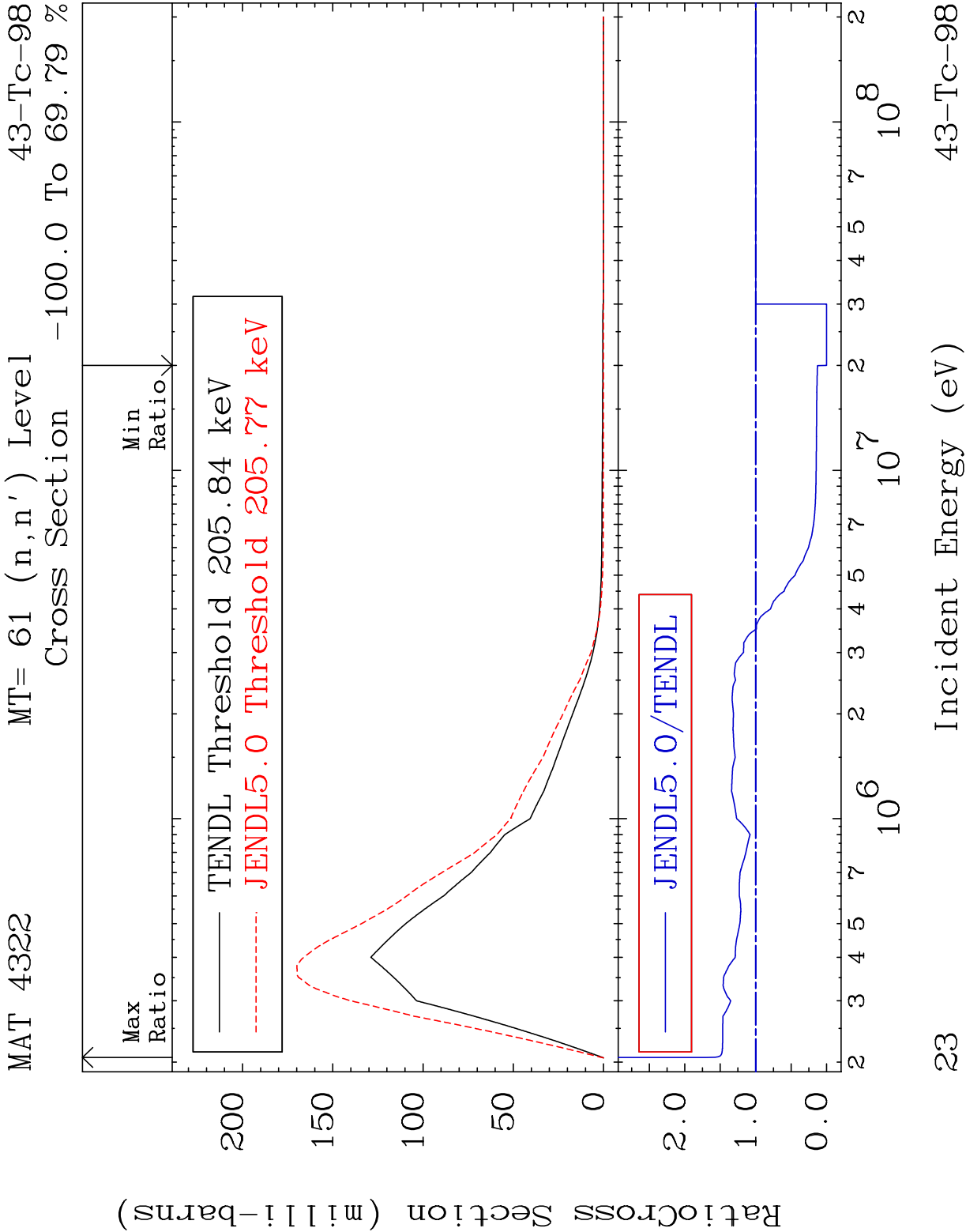




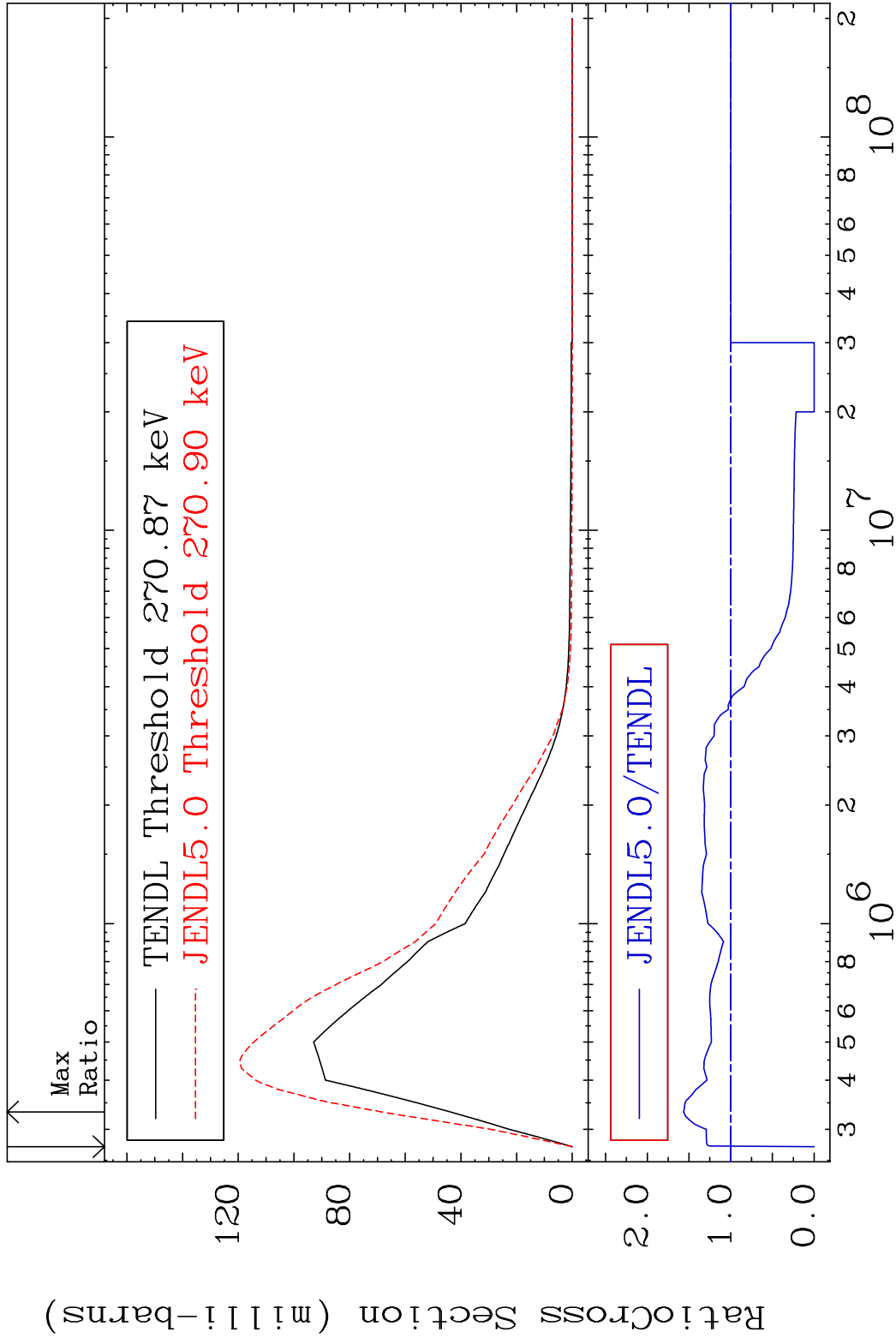
MAT 4322 MT= 60 (n,n') Level 43-Tc-98

Cross Section -100.0 To 9999. %



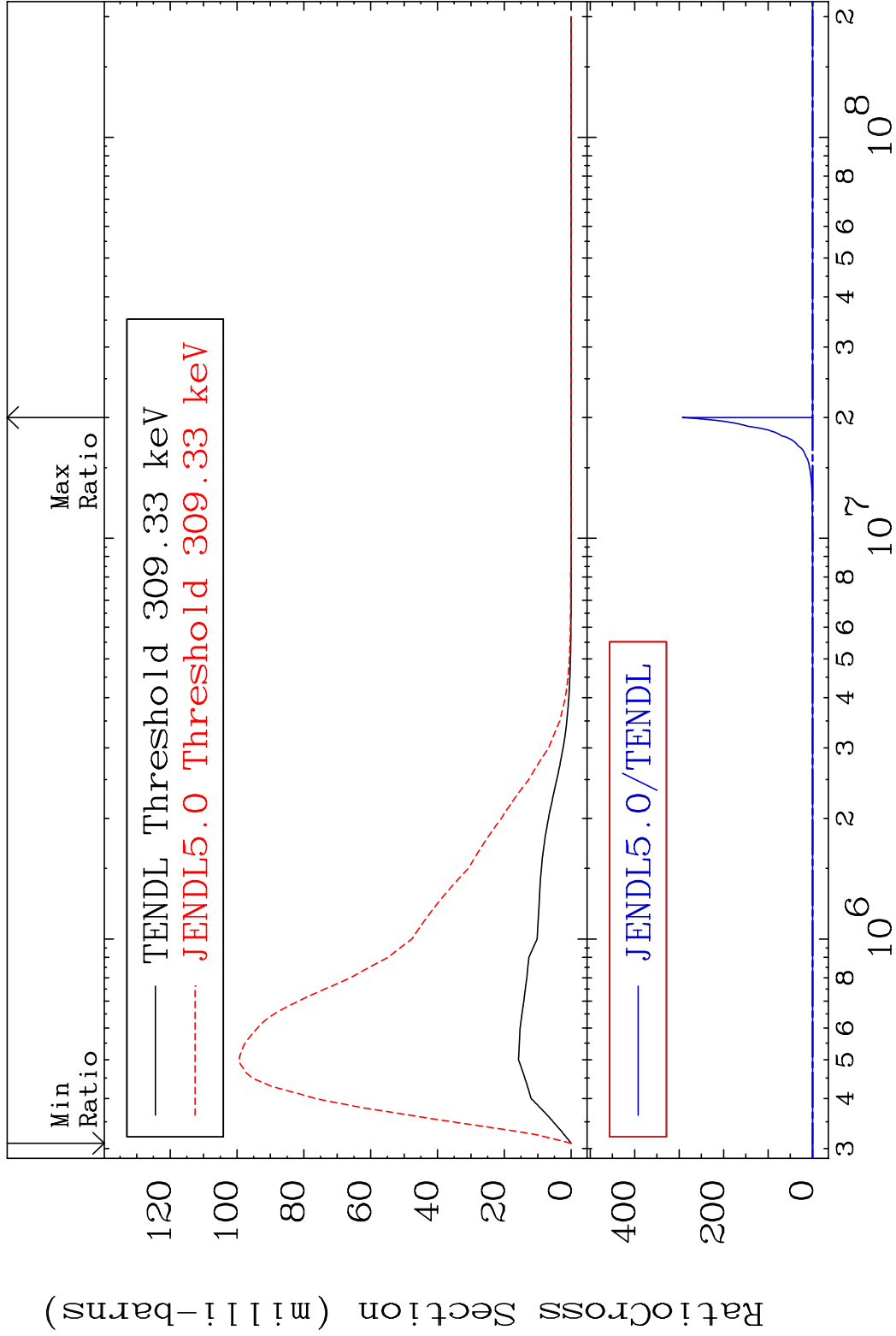


MAT 4322 MT= 62 (n,n') Level 43-Tc-98
Cross Section -100.0 To 56.37 %

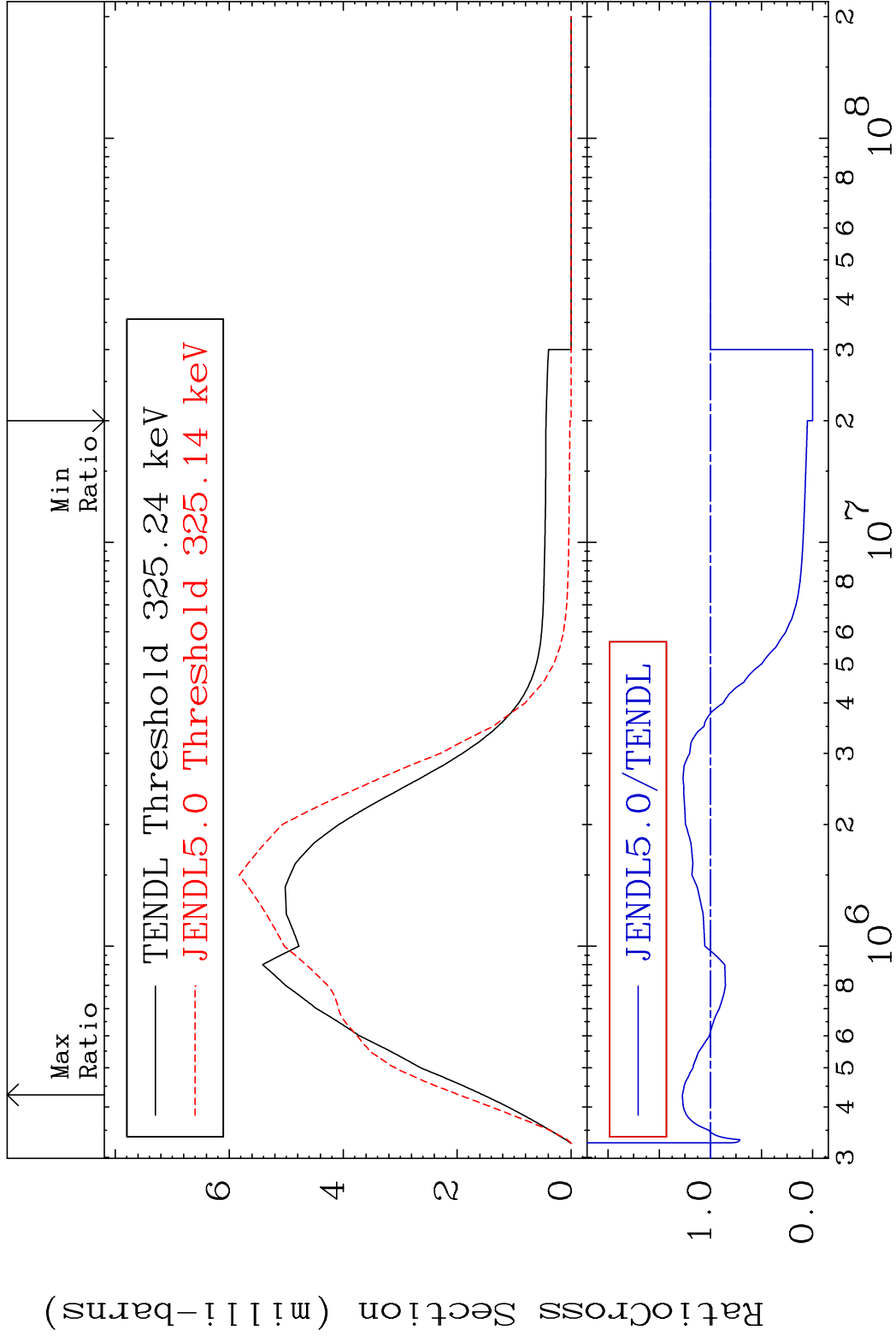


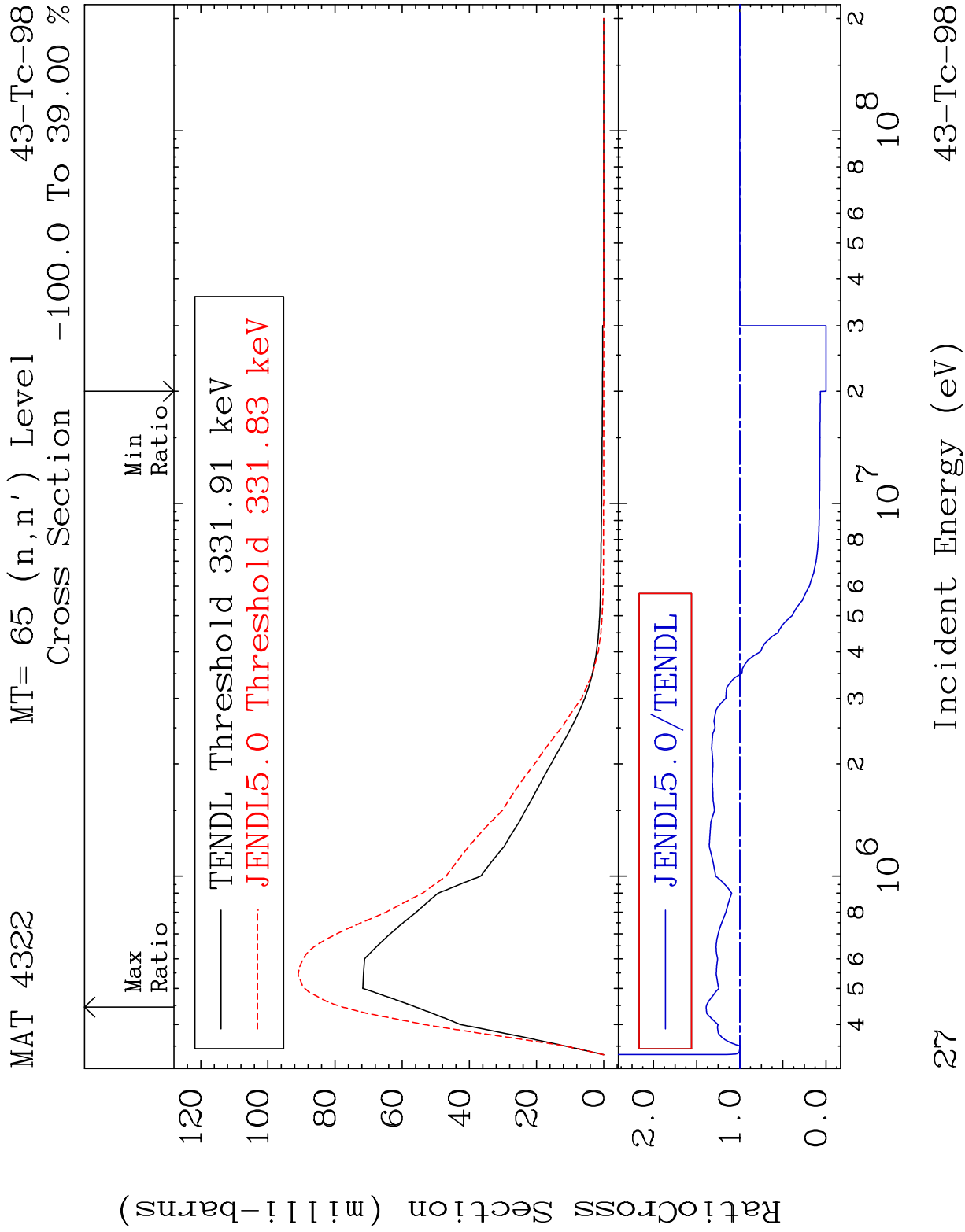
24 Incident Energy (eV) 43-Tc-98

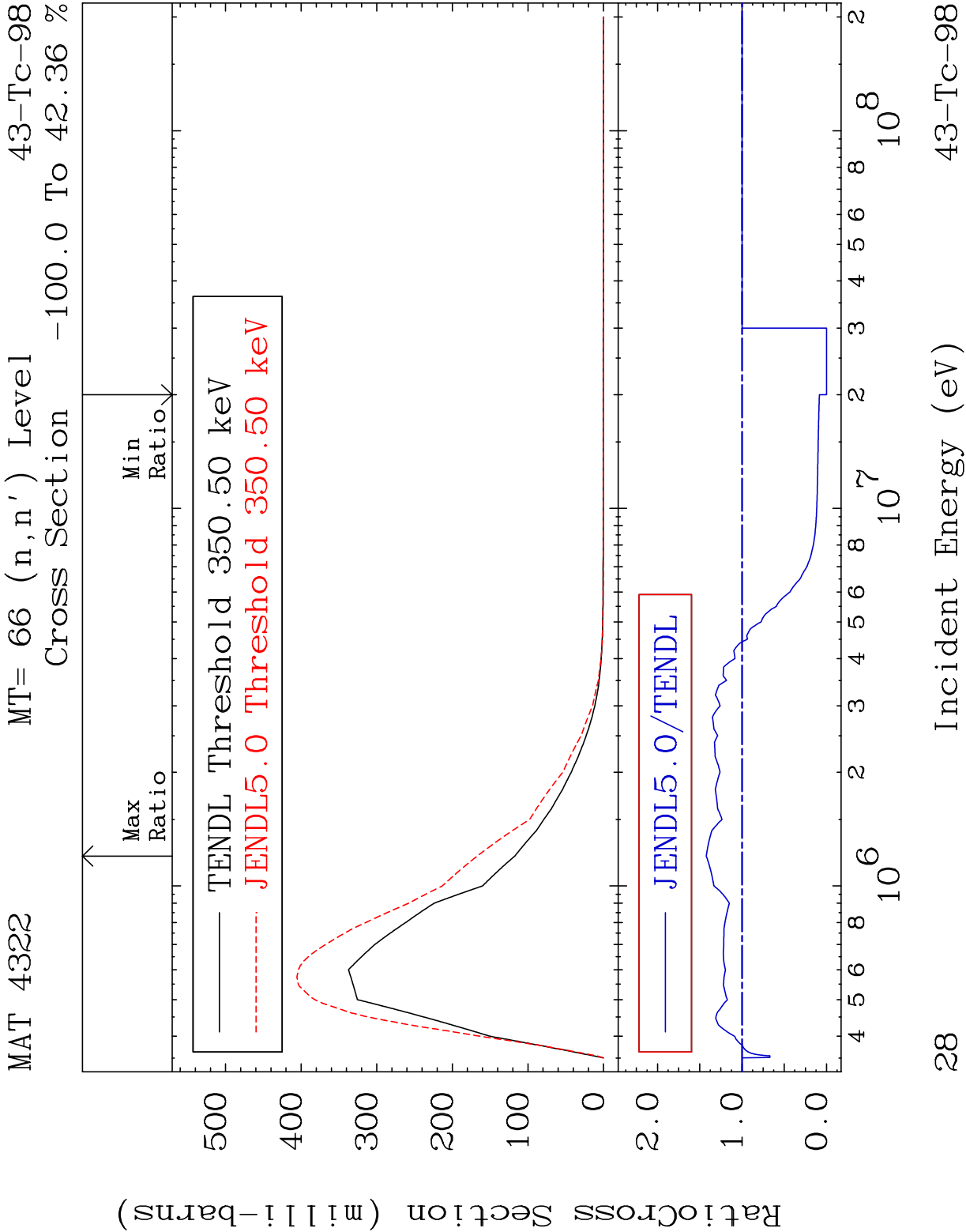
MAT 4322 MT= 63 (n,n') Level 43-Tc-98
Cross Section -100.0 To 9999. %

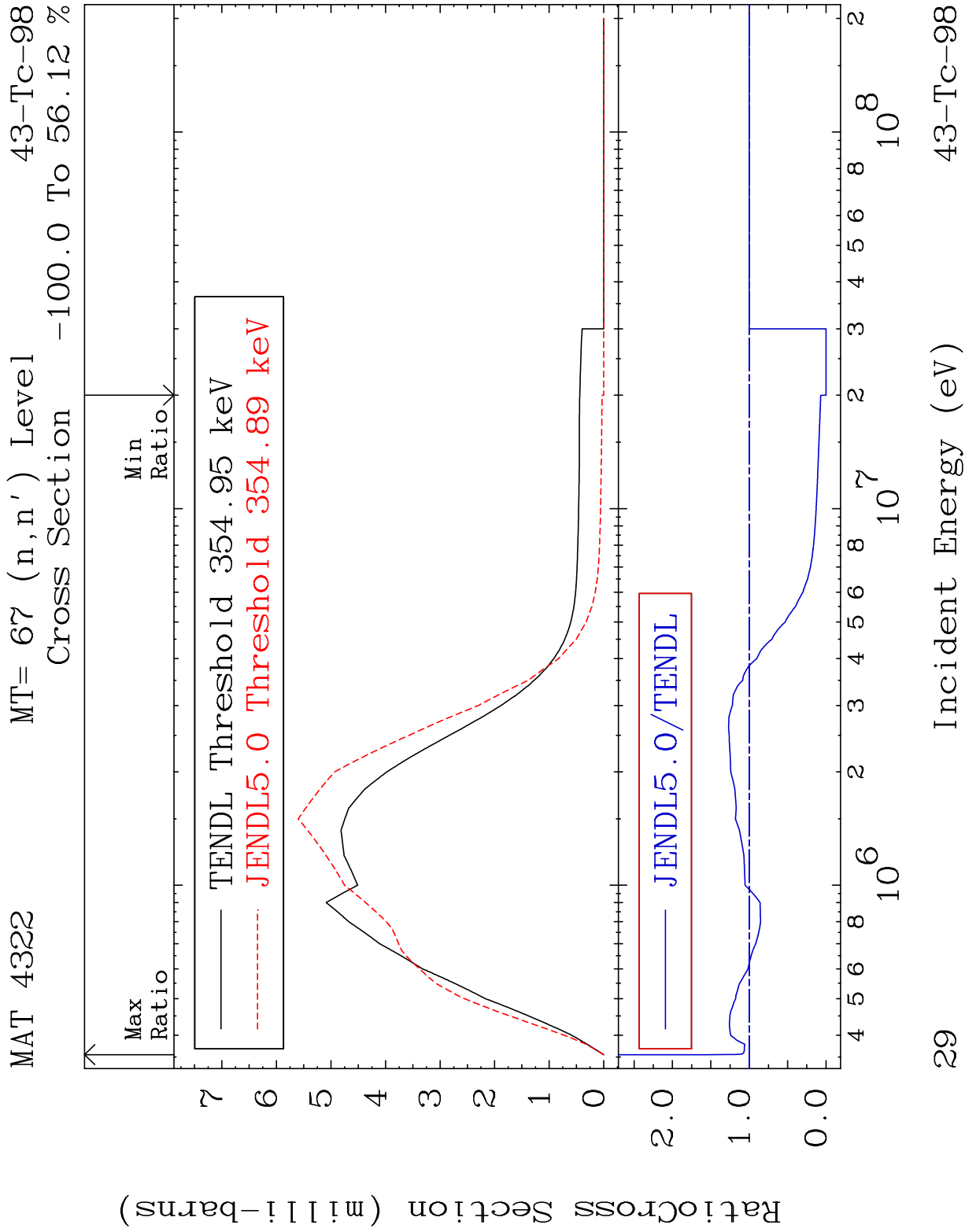


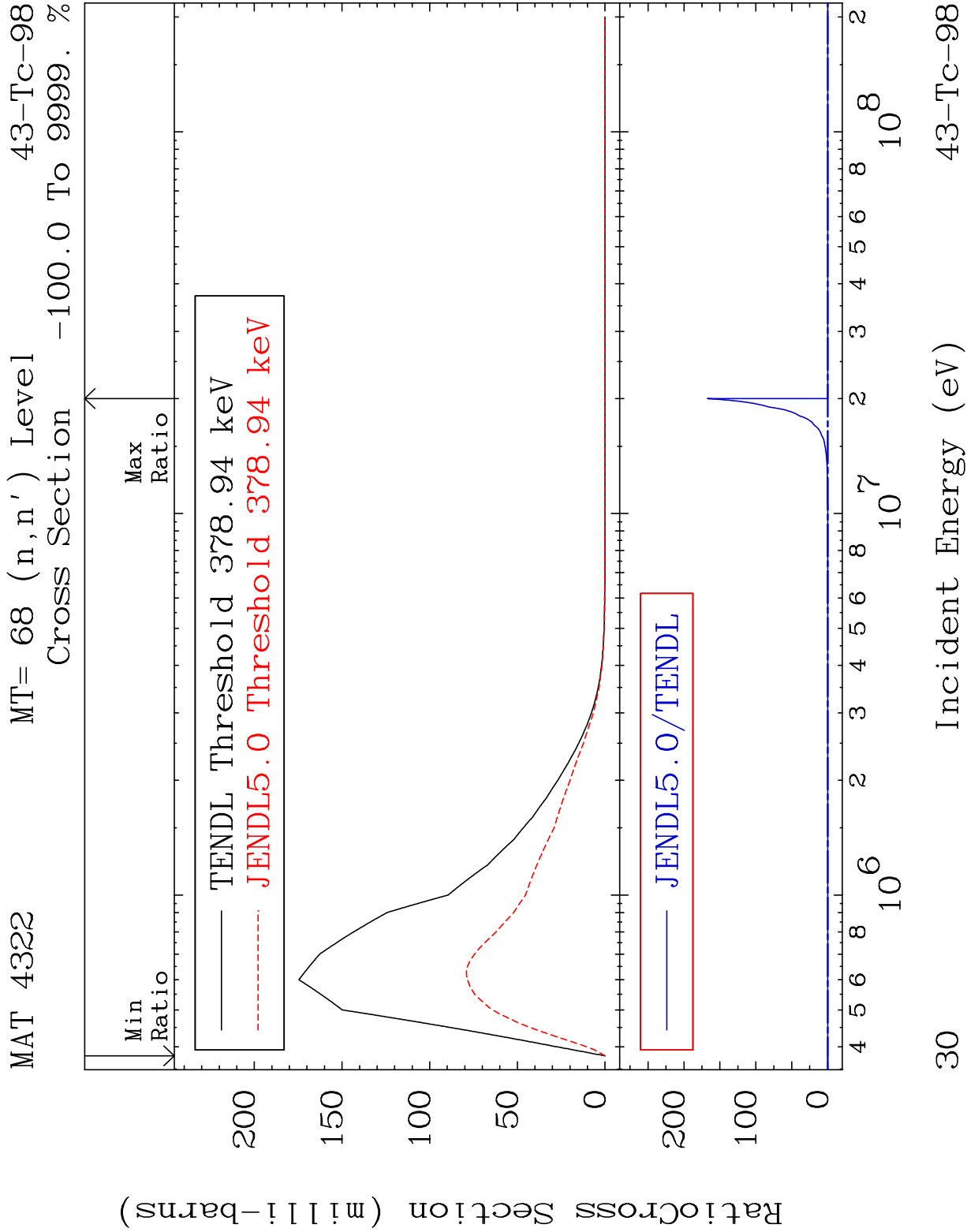
MAT 4322 MT= 64 (n,n') Level 43-Tc-98
Cross Section -100.0 To 27.39 %

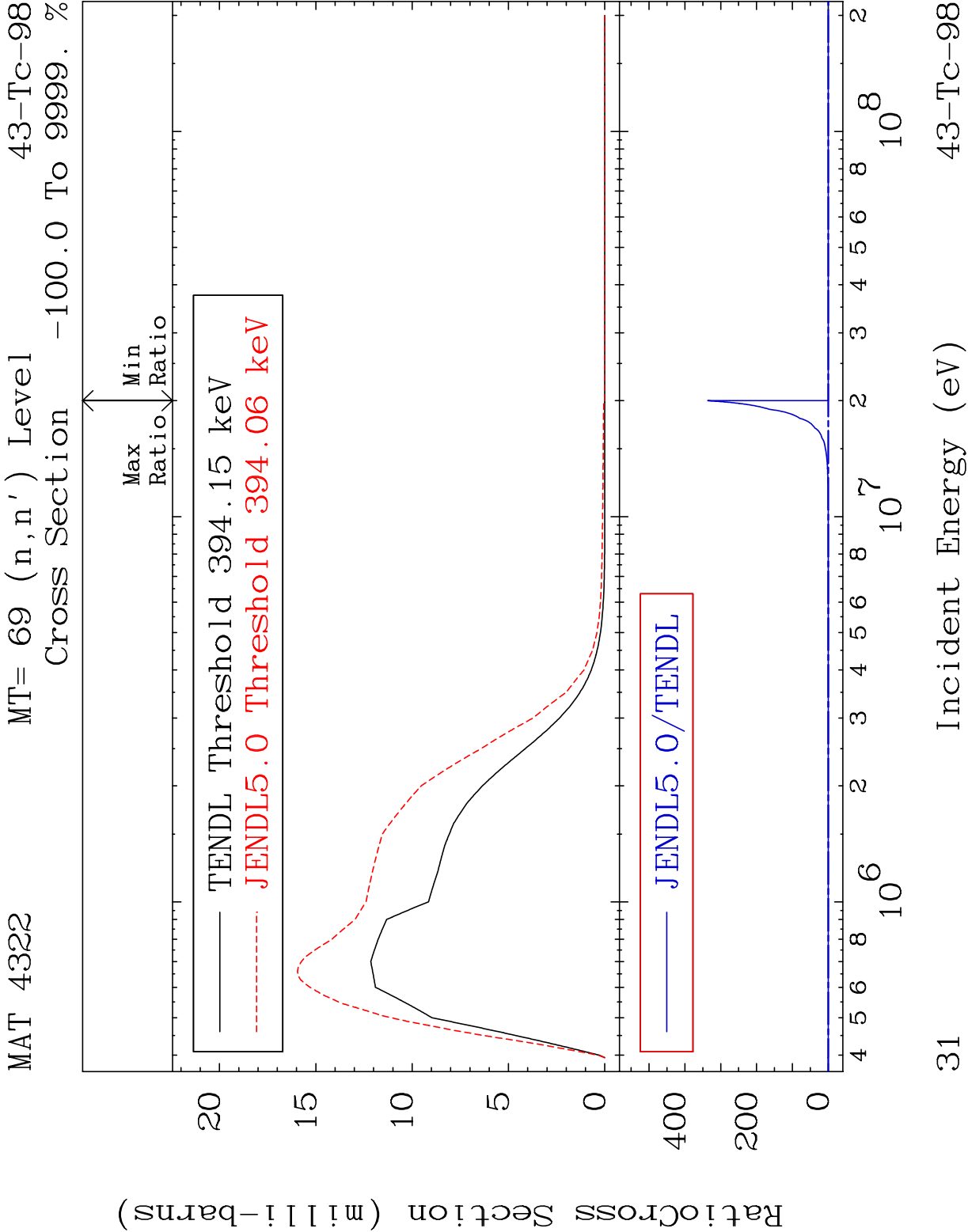


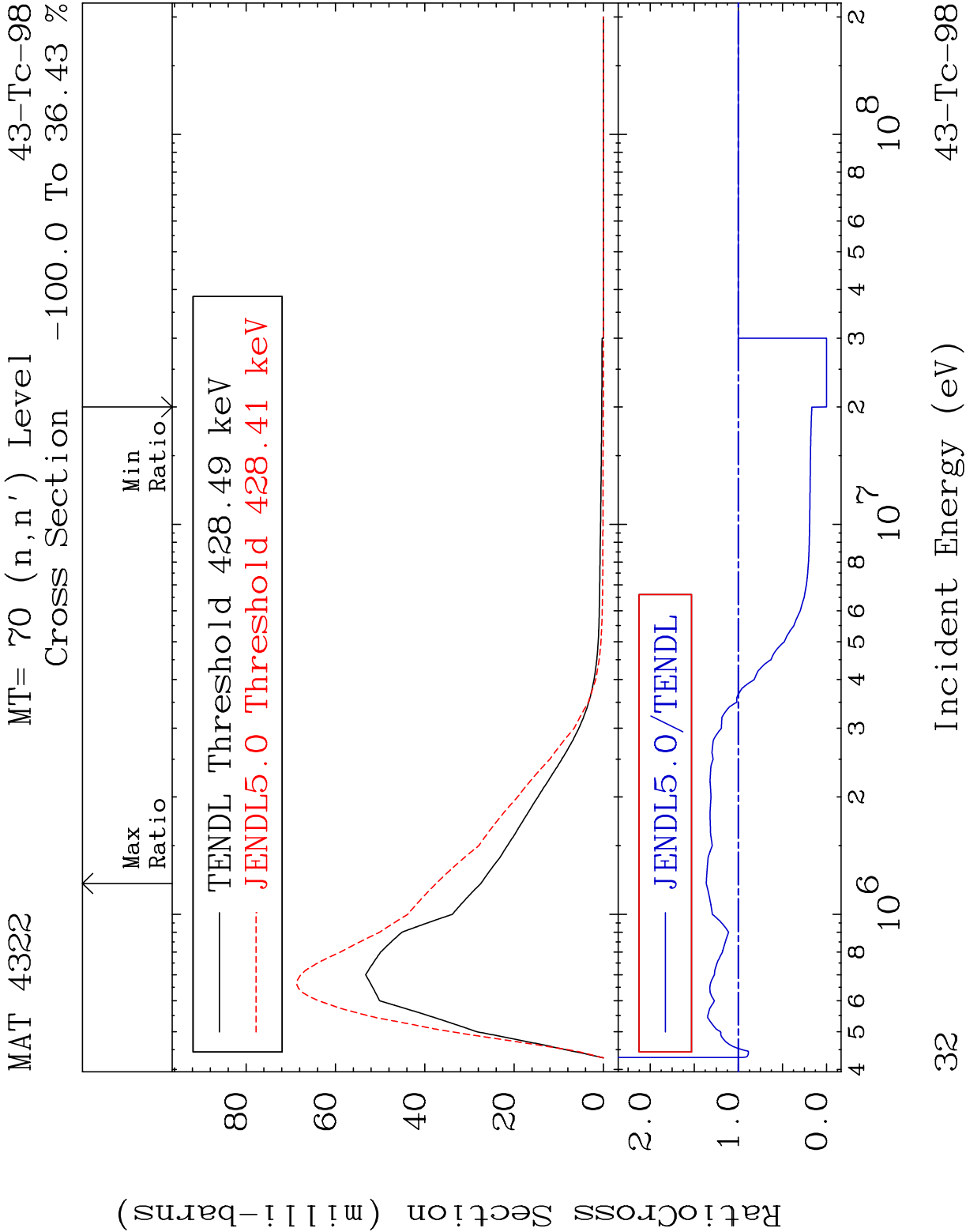




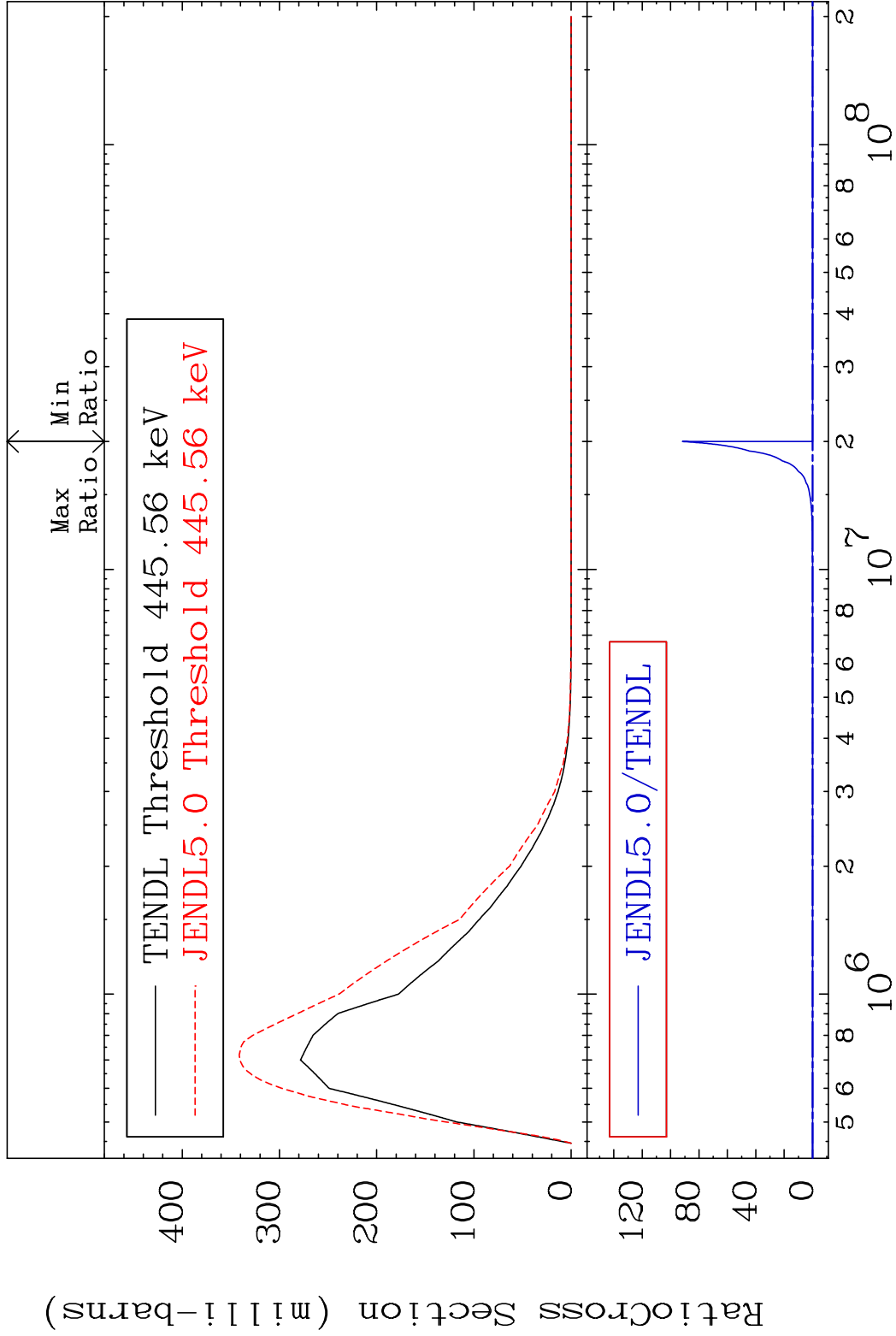


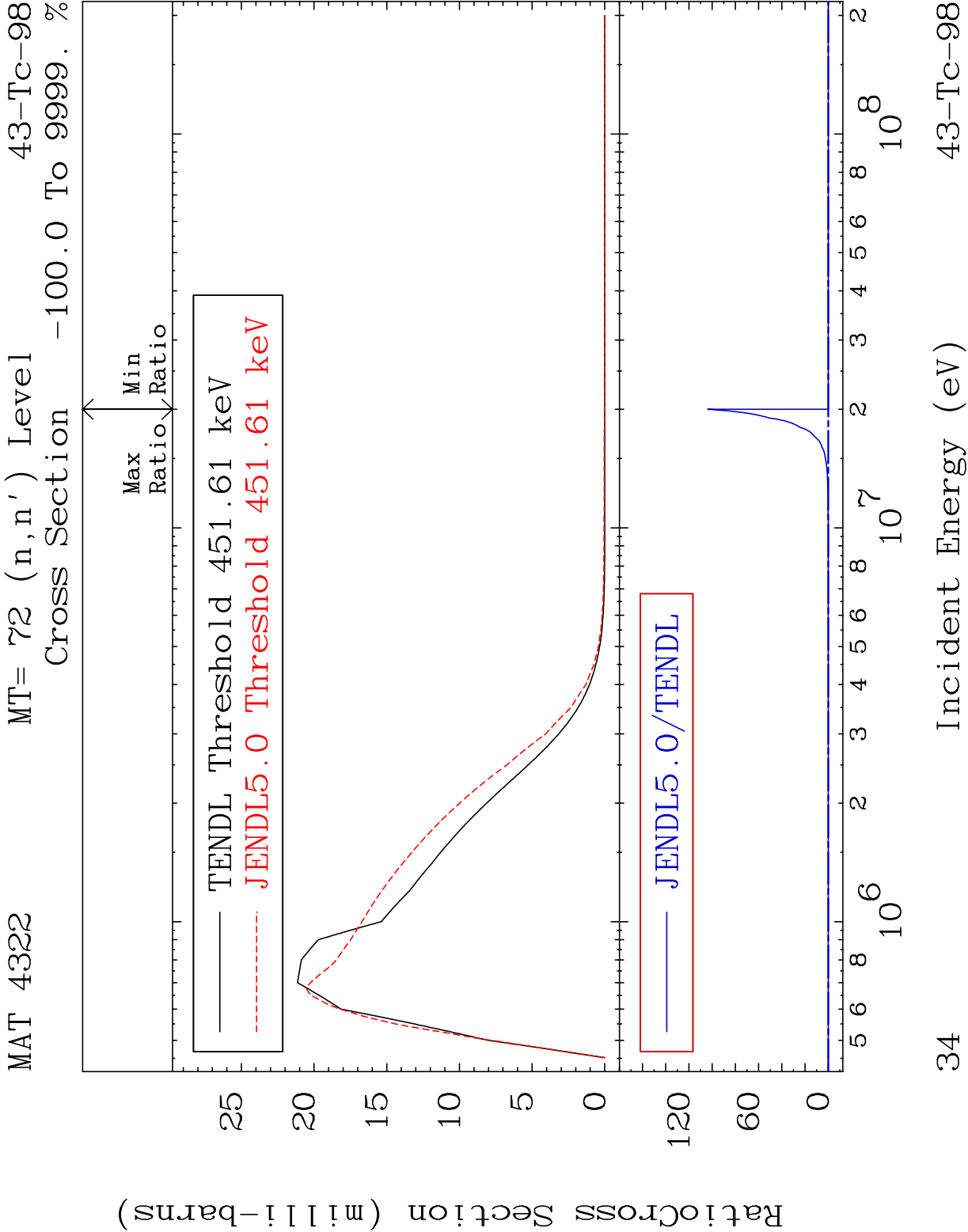


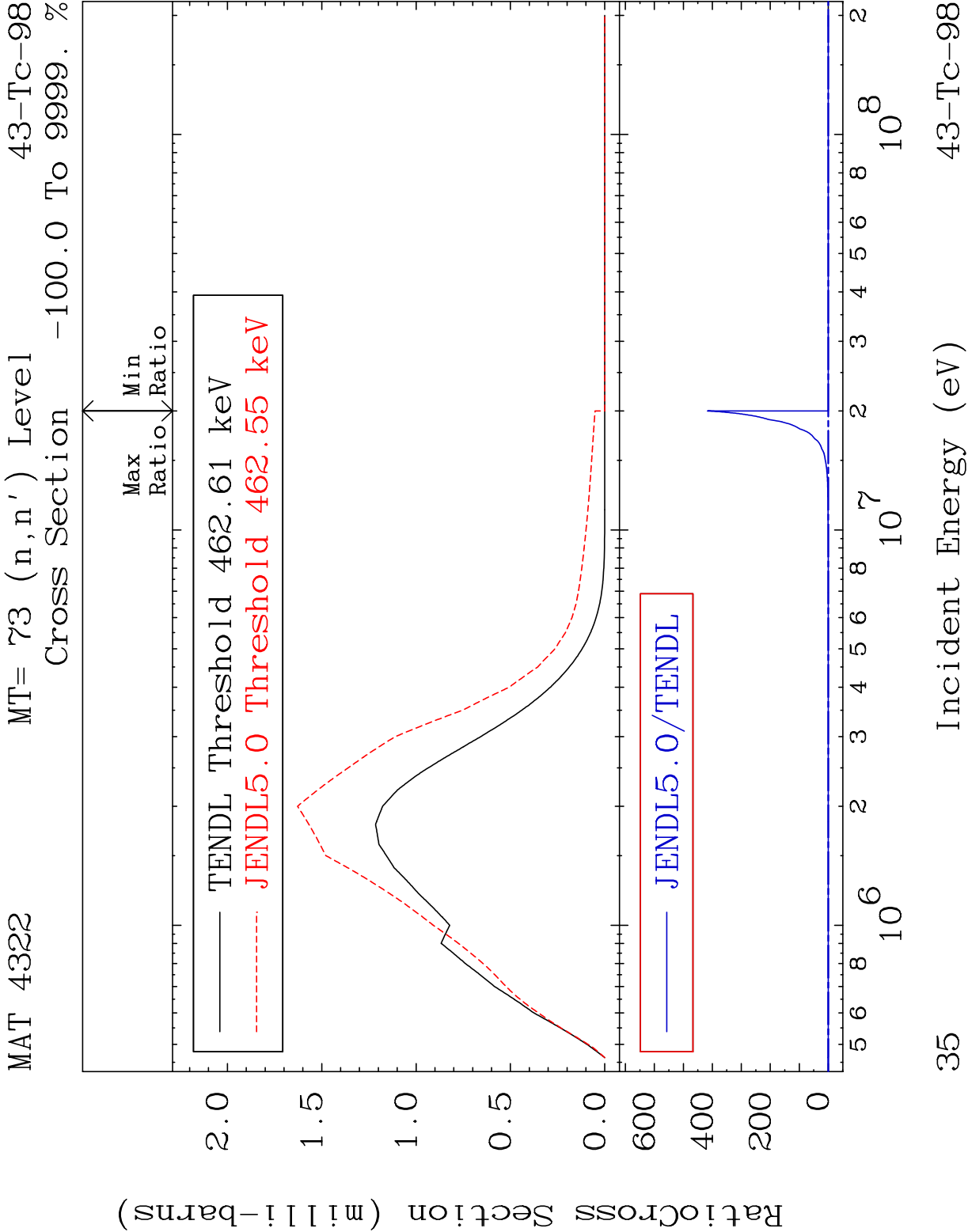




MAT 4322 MT= 71 (n,n') Level 43-Tc-98
Cross Section -100.0 To 9999. %

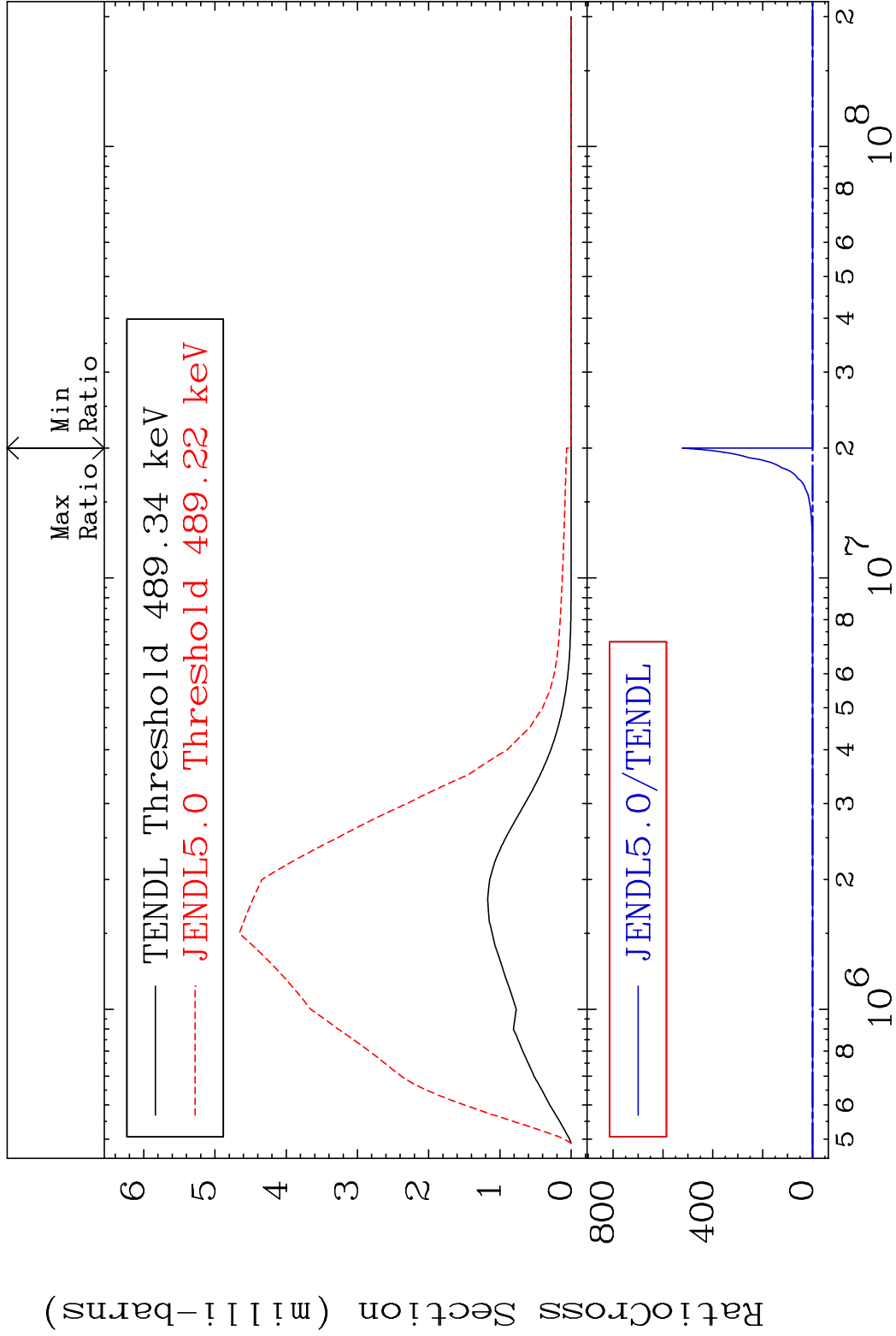


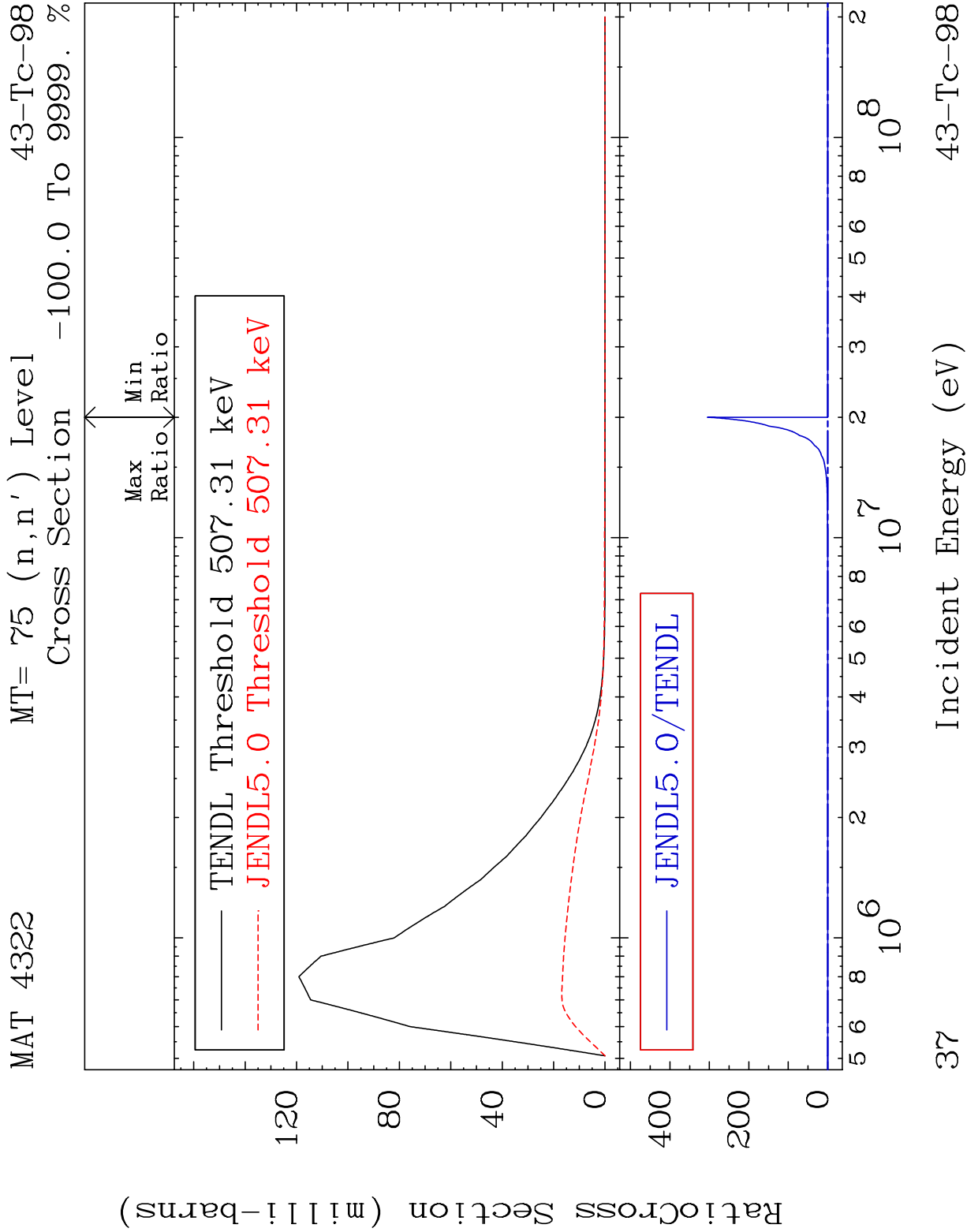


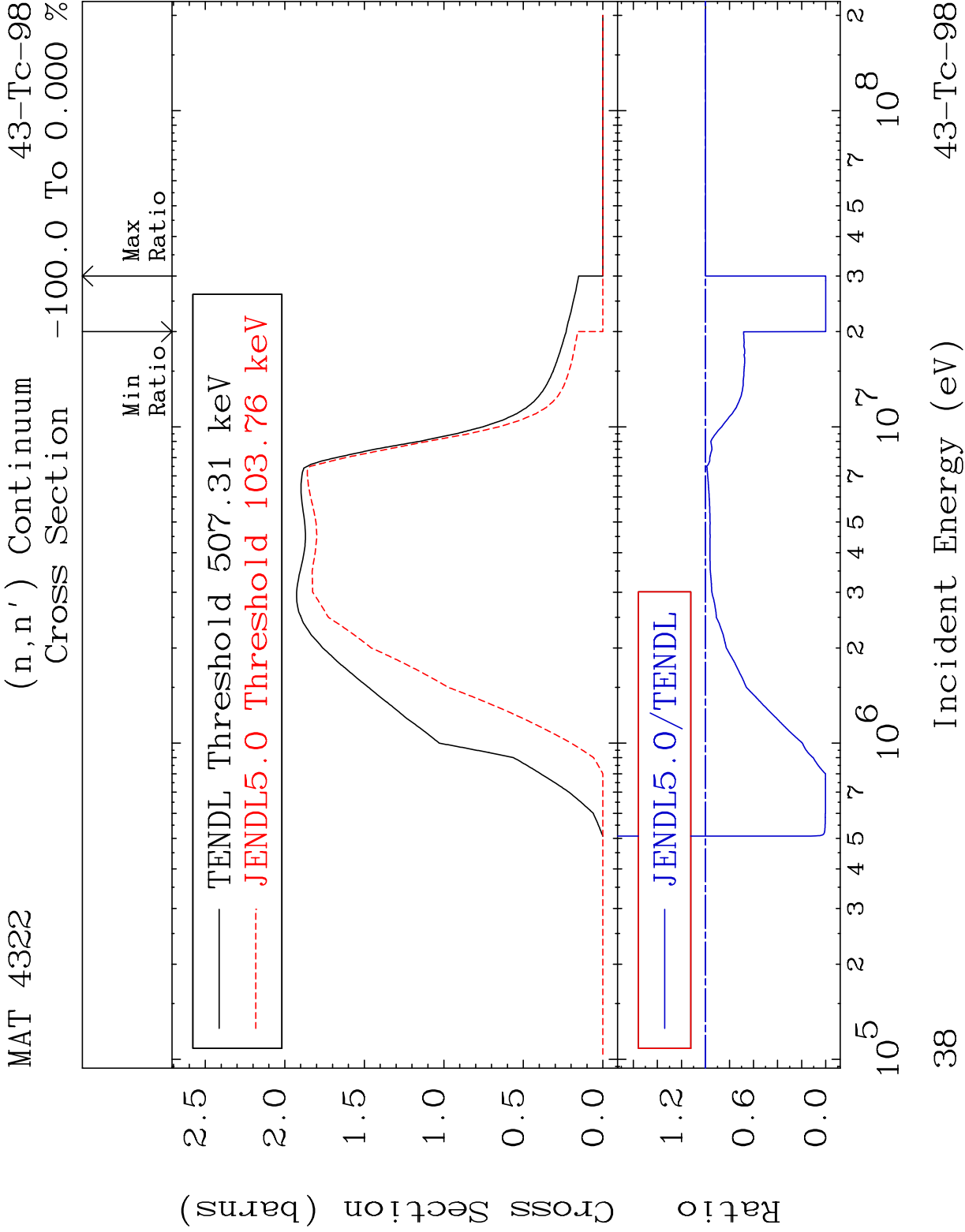


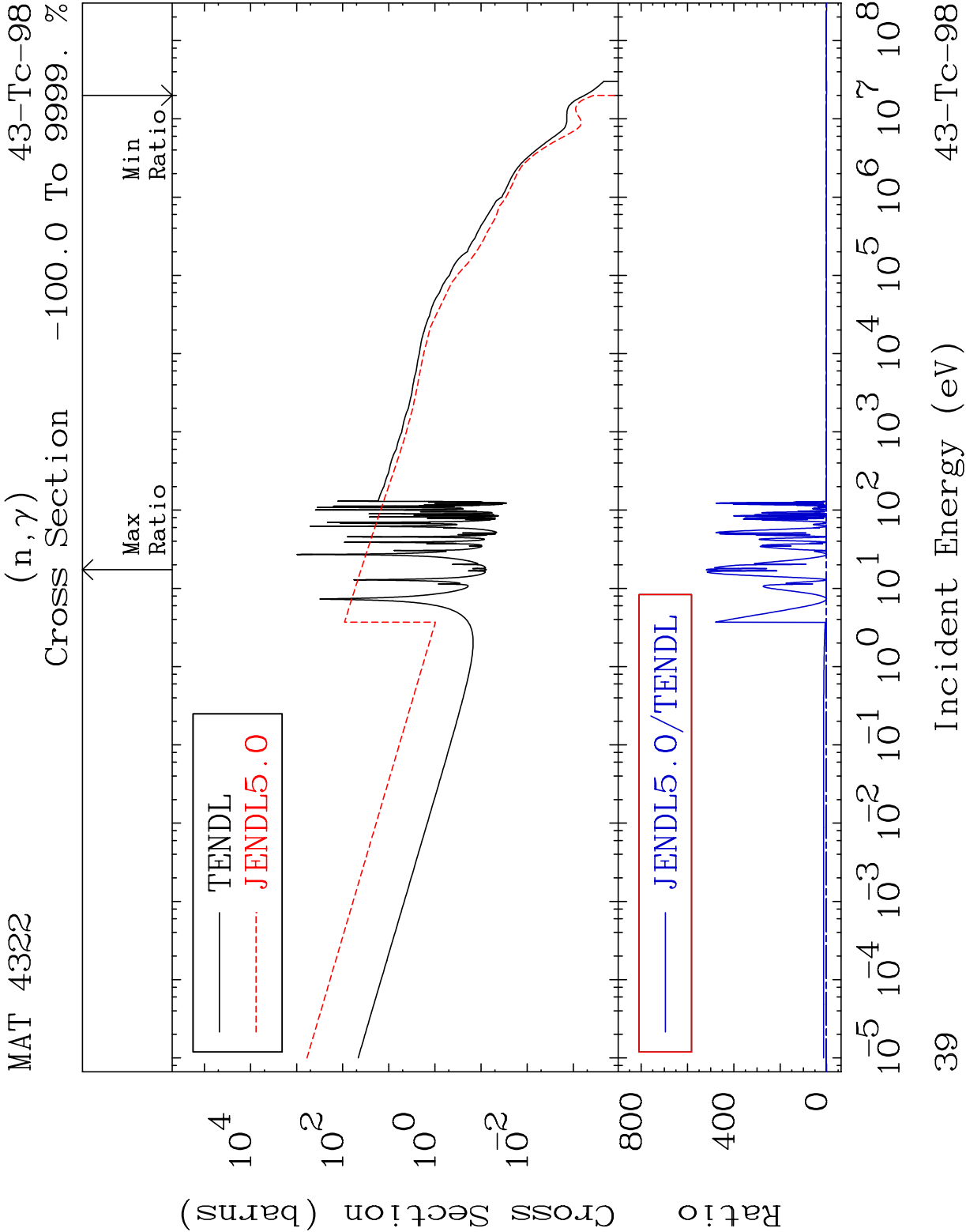
MAT 4322 MT= 74 (n,n') Level 43-Tc-98

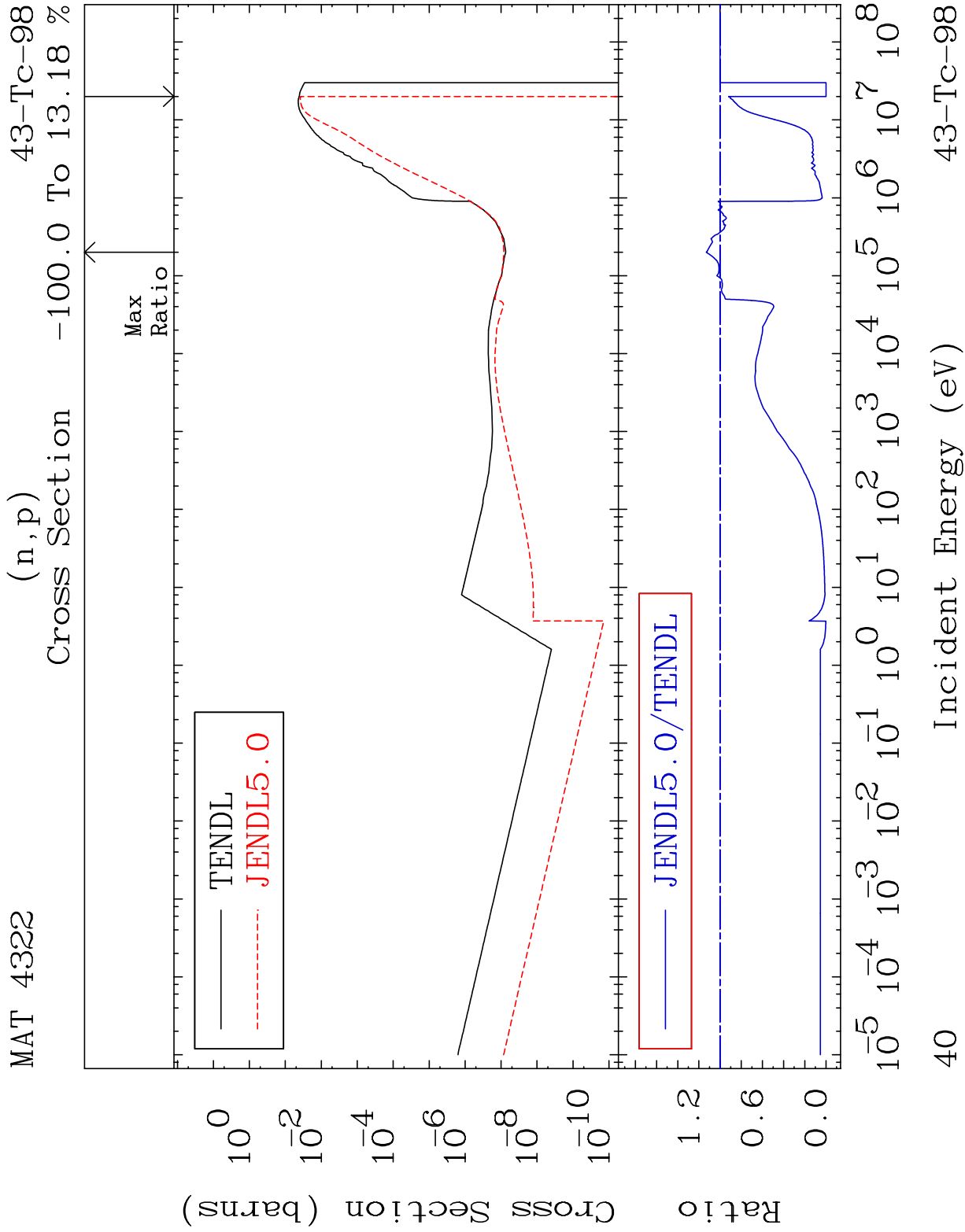
Cross Section -100.0 To 9999. %

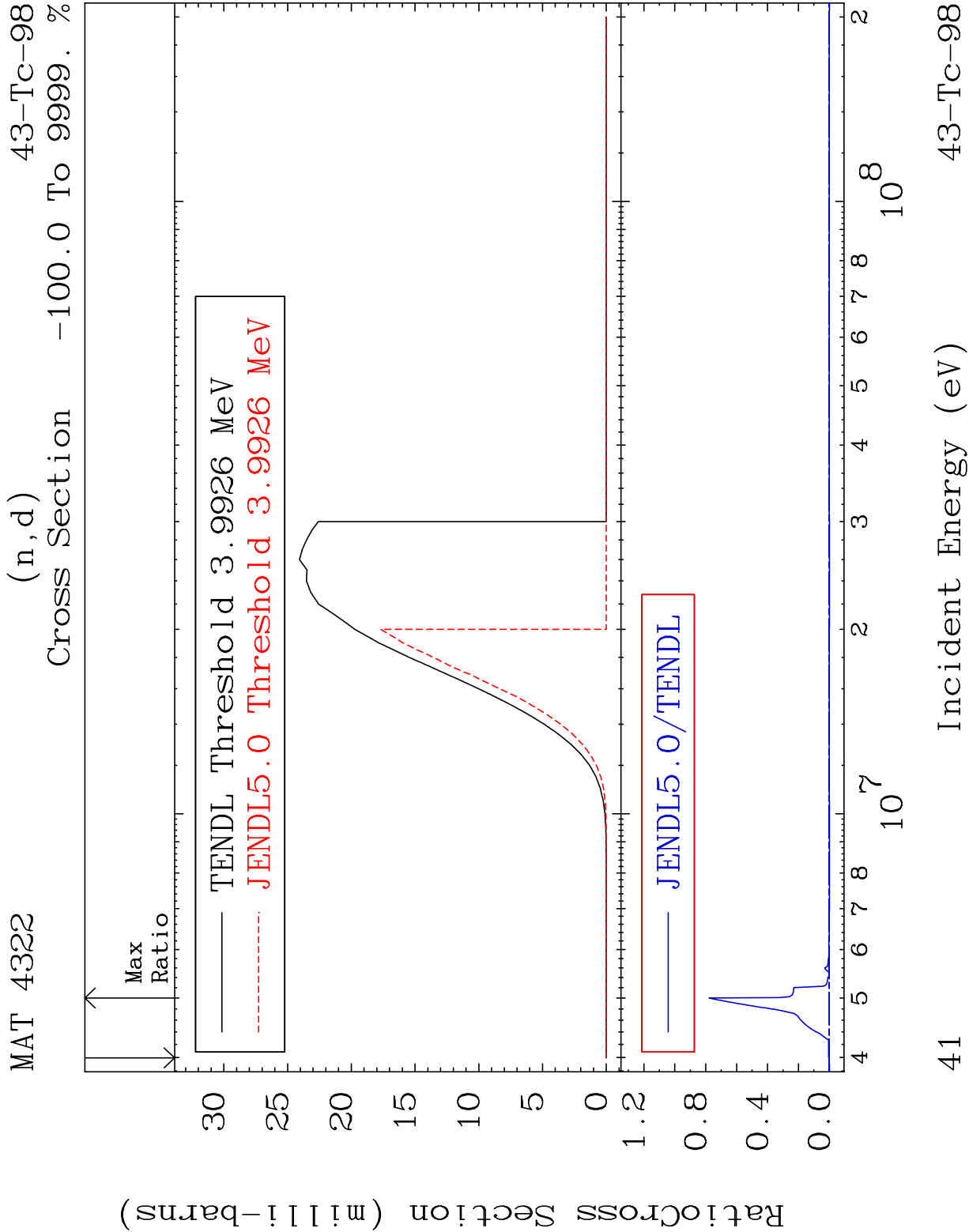


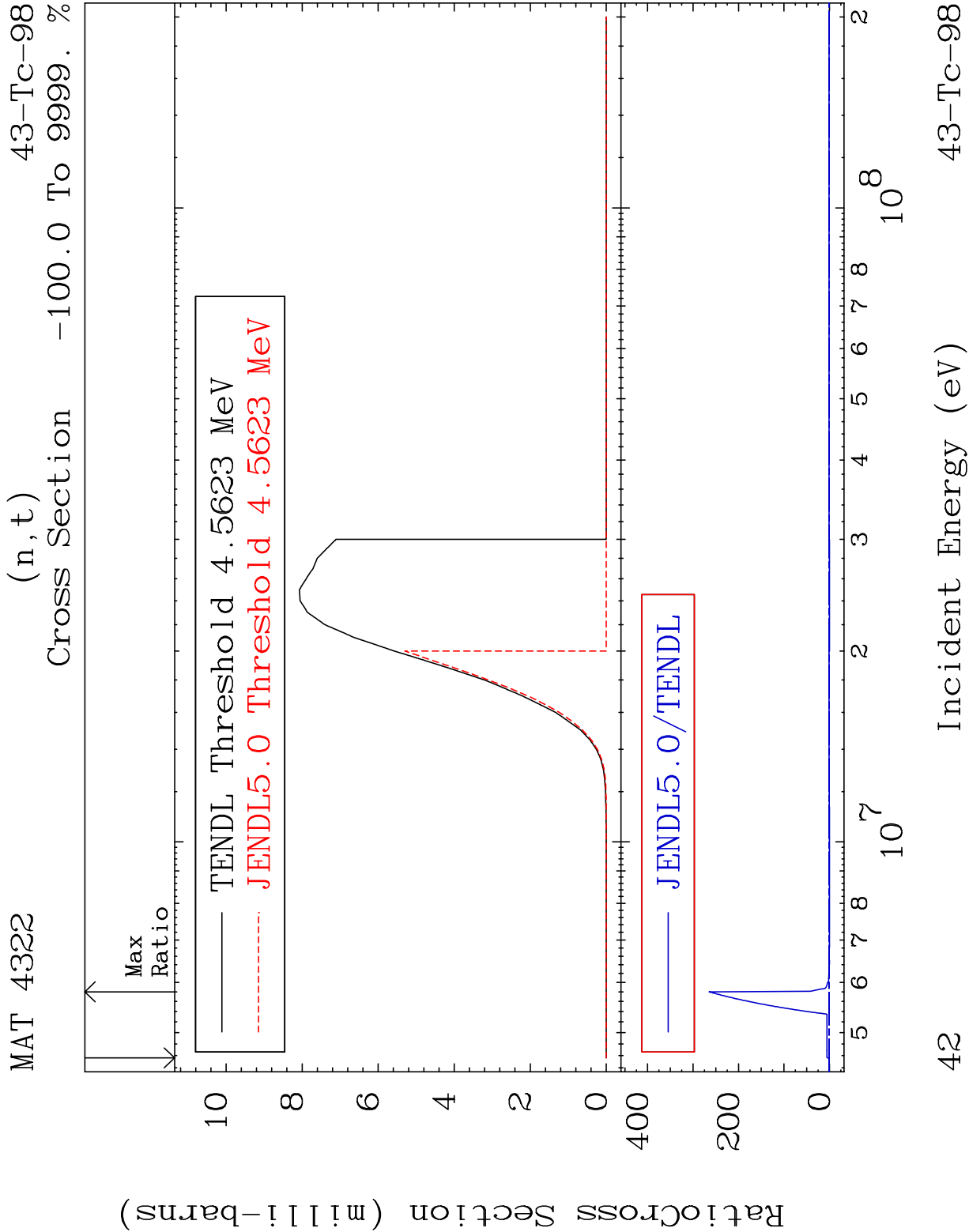


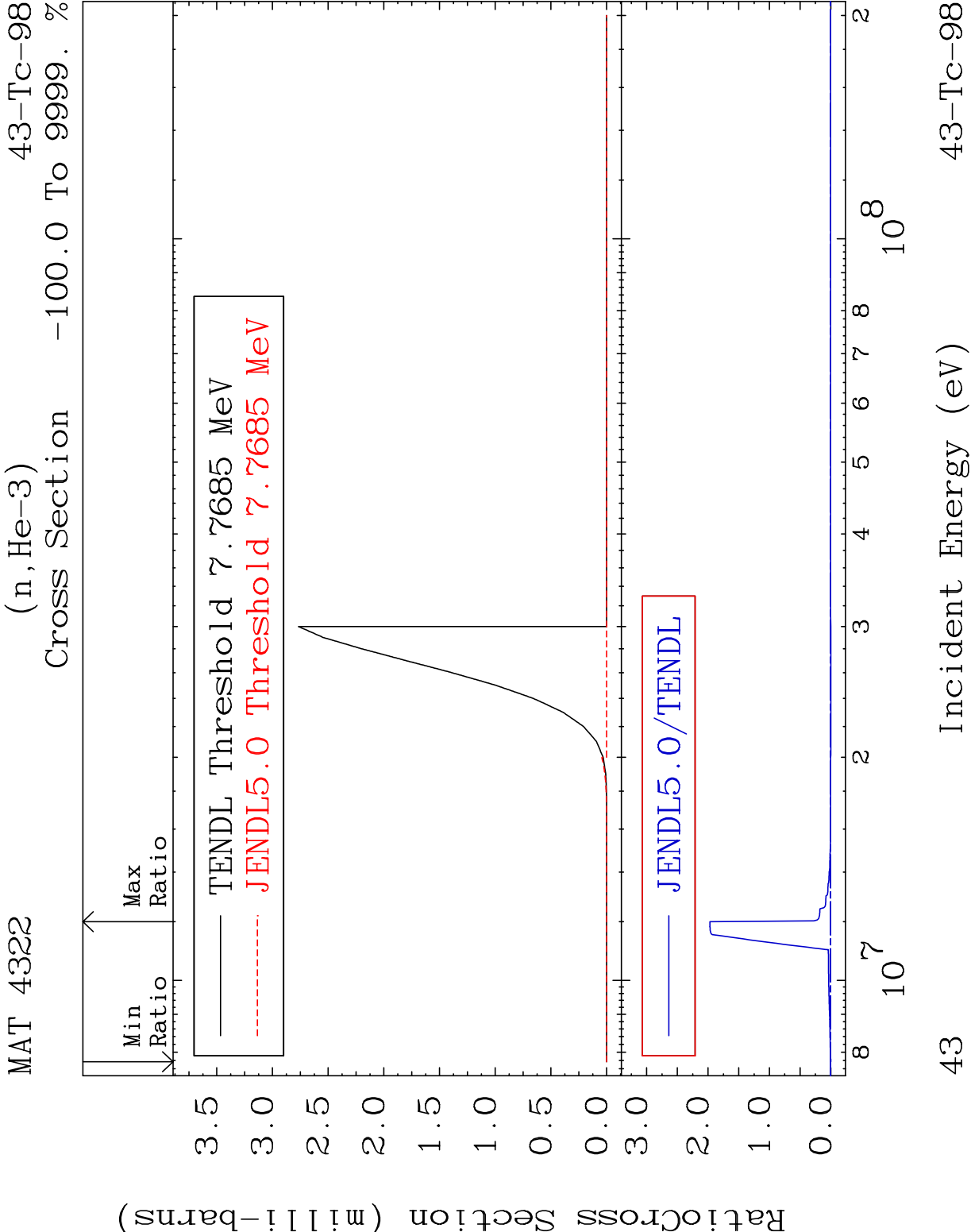


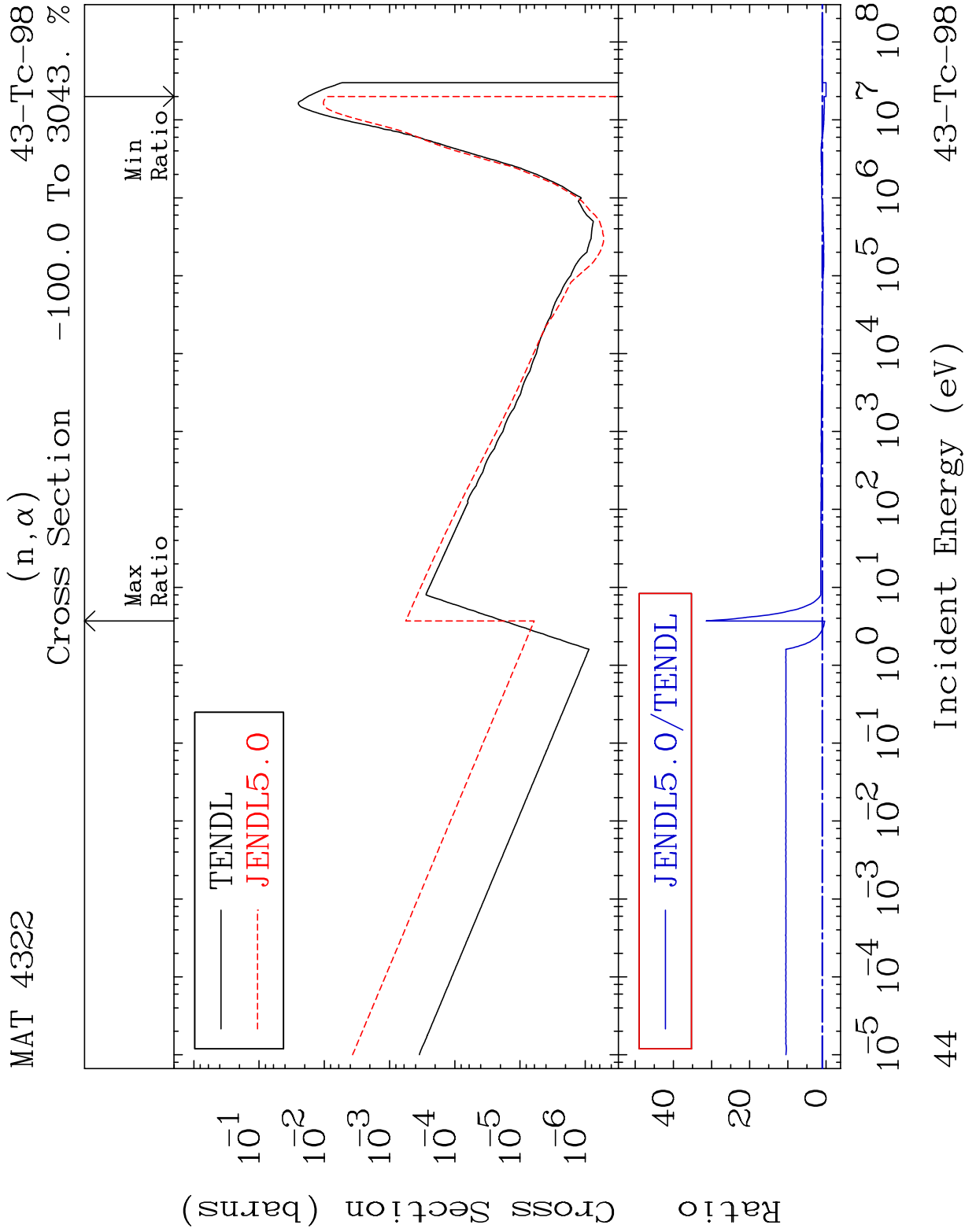


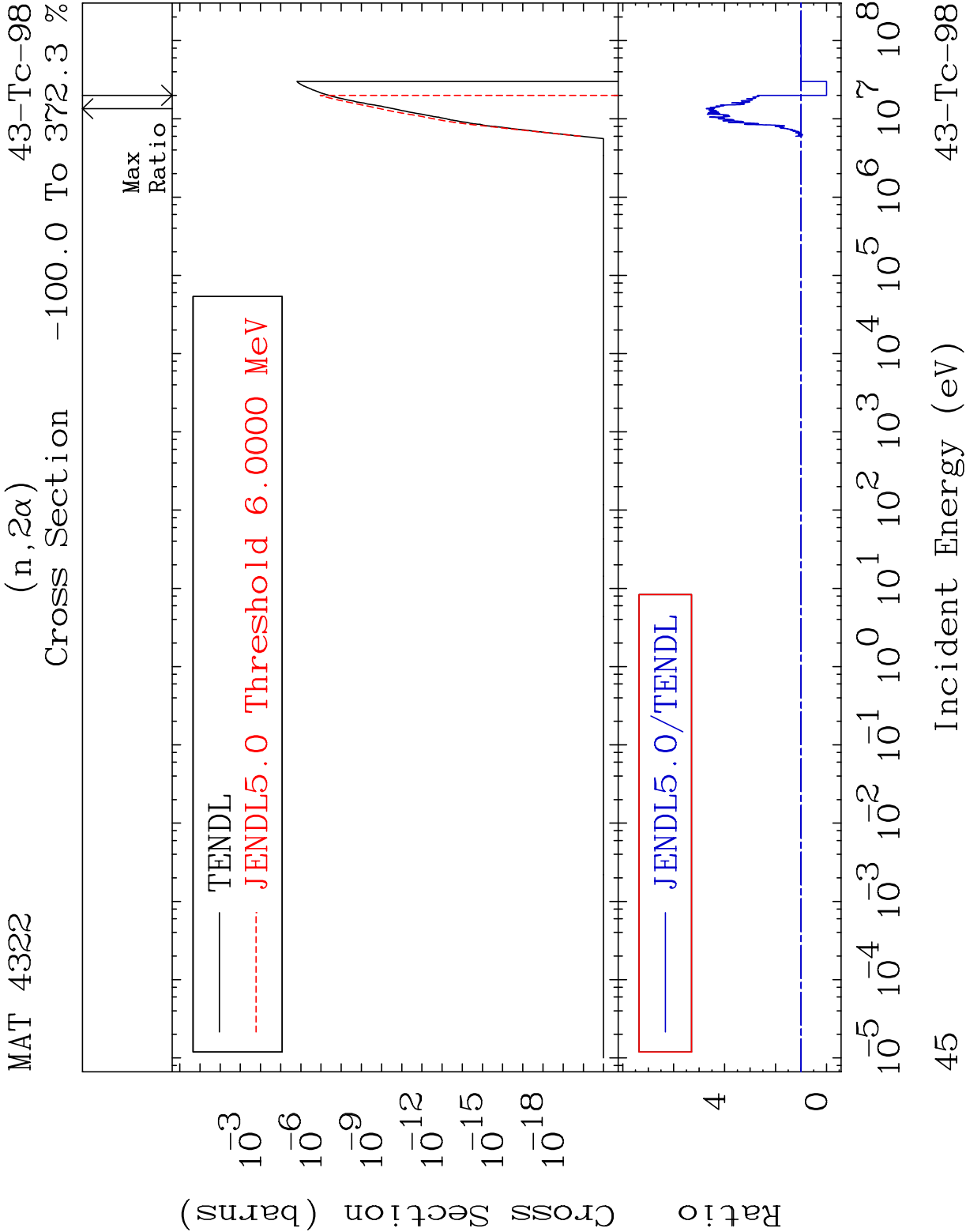


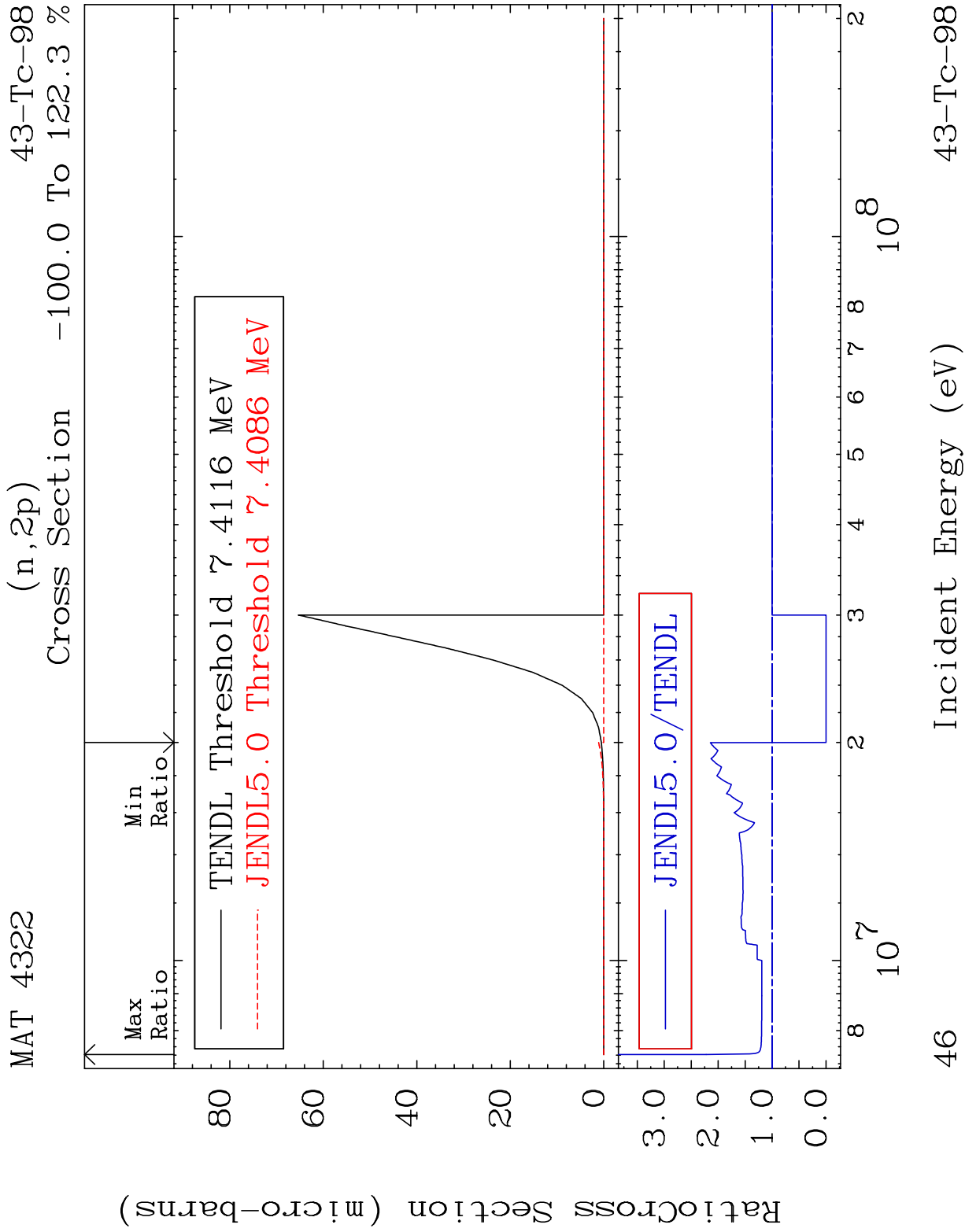


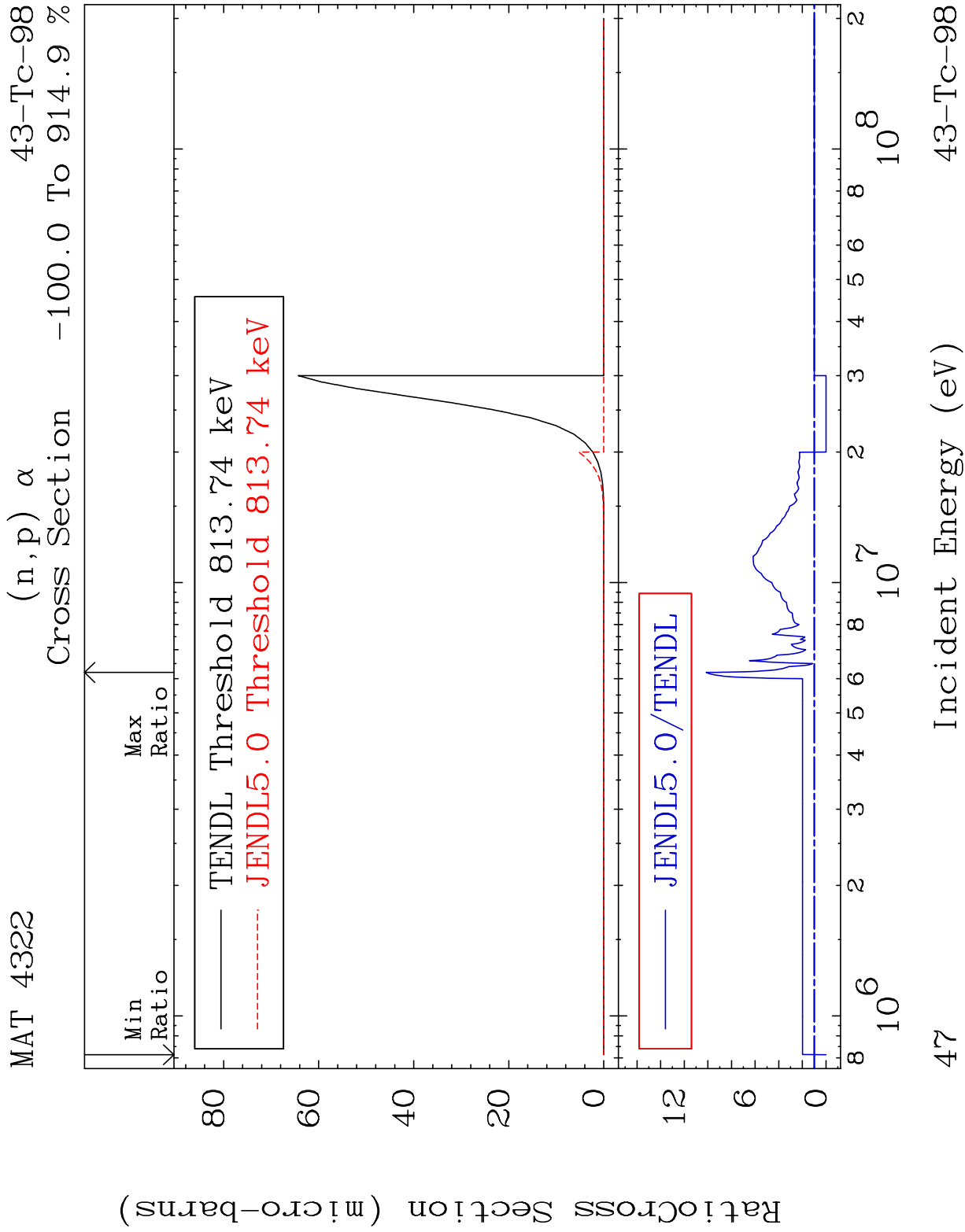


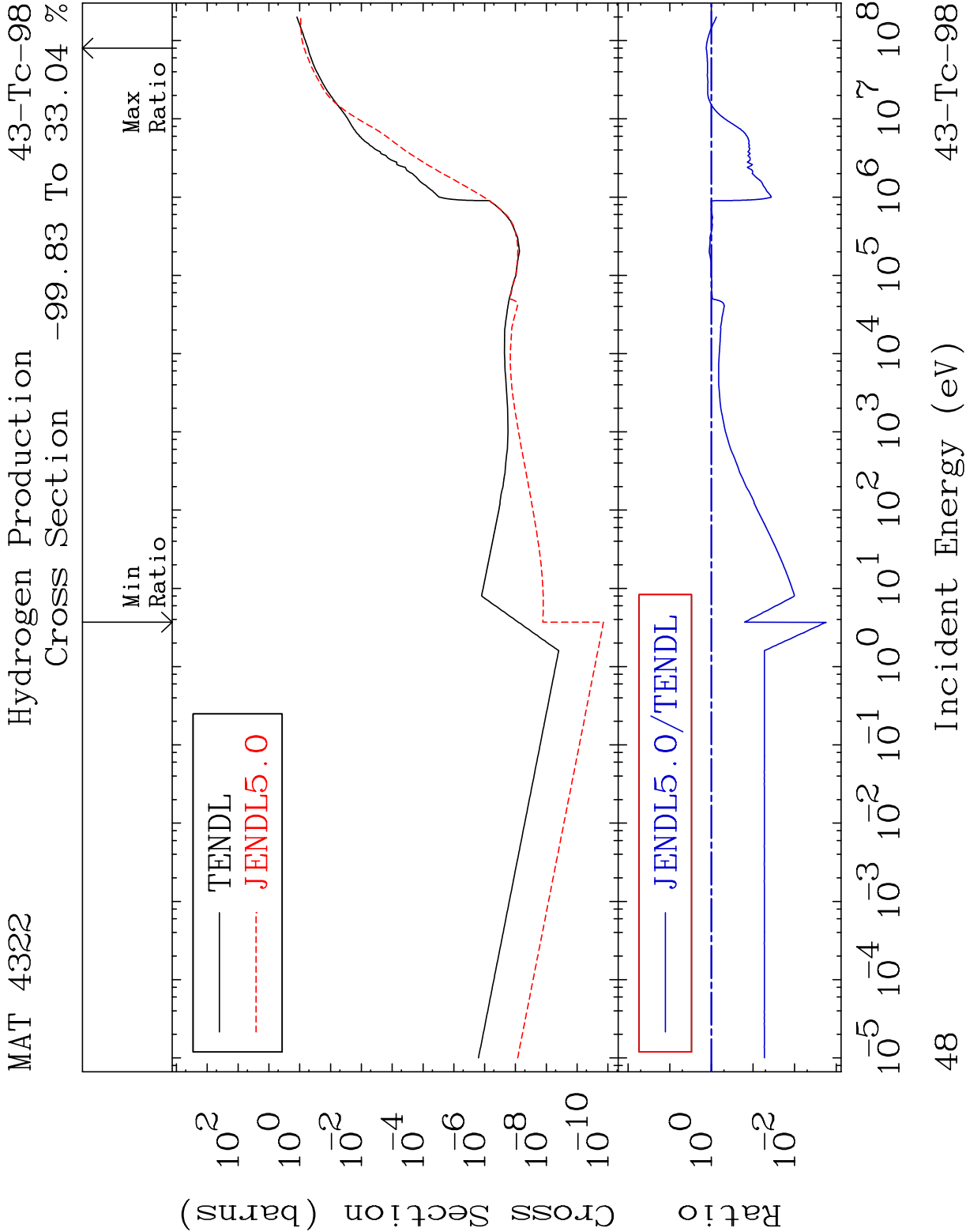


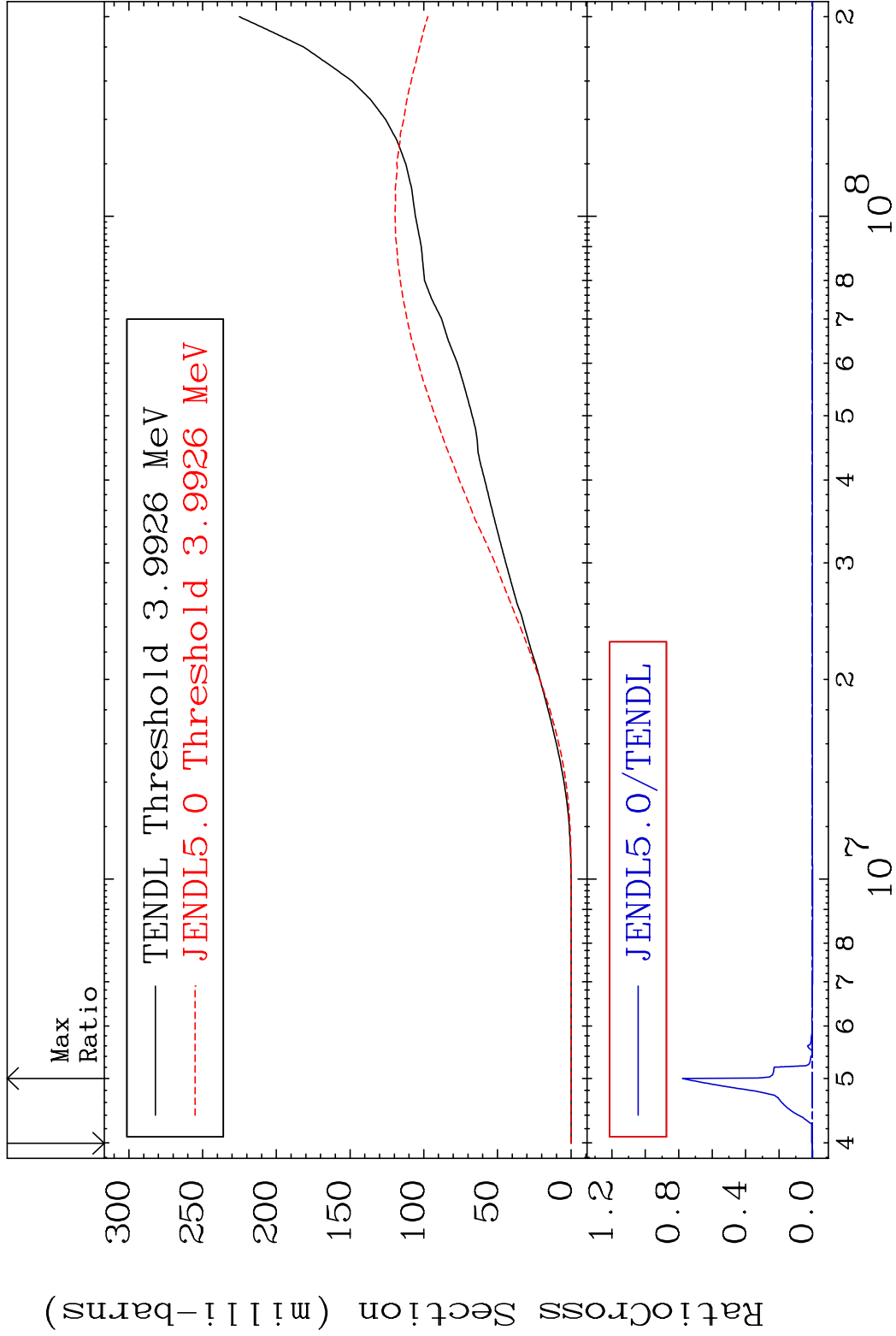


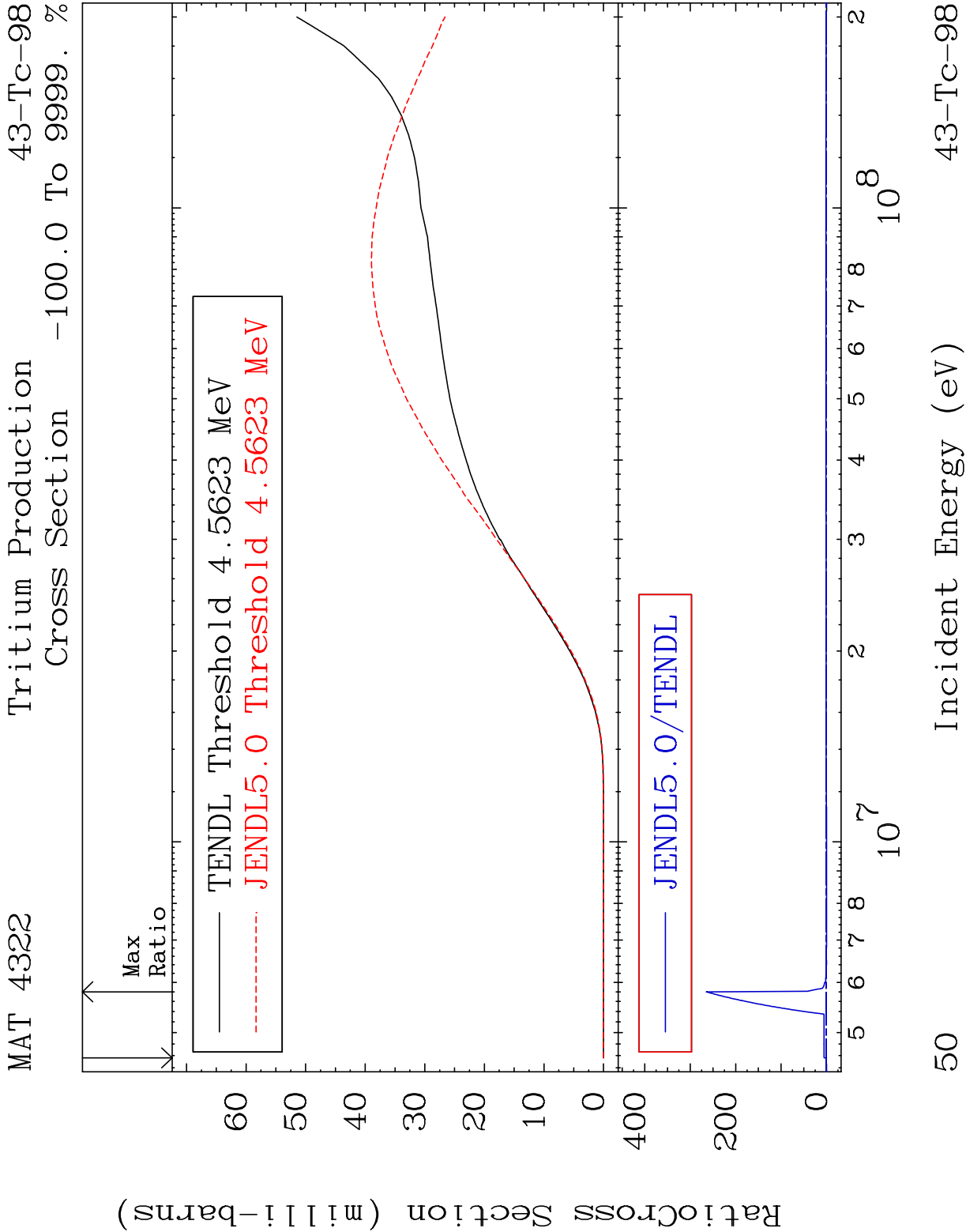


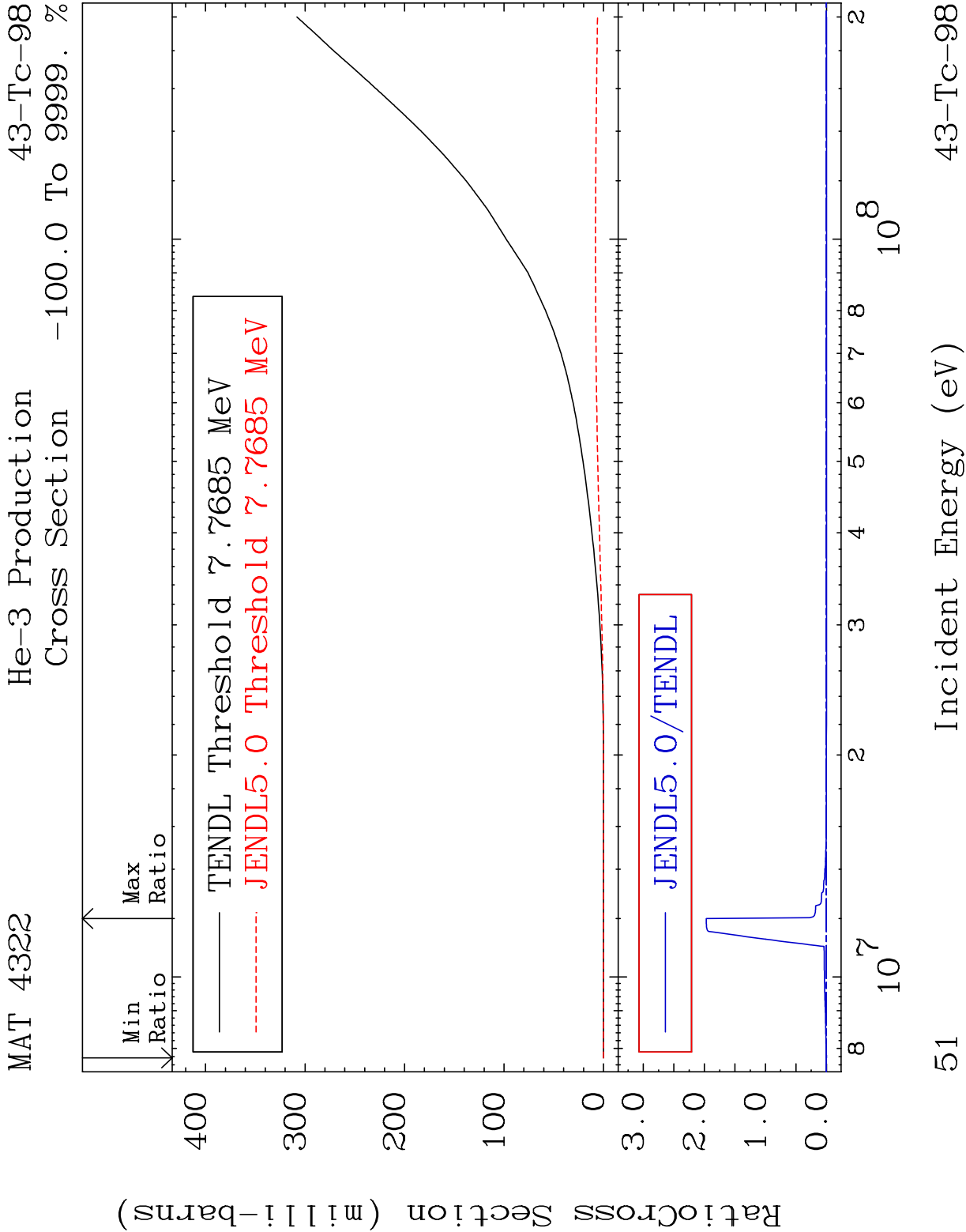


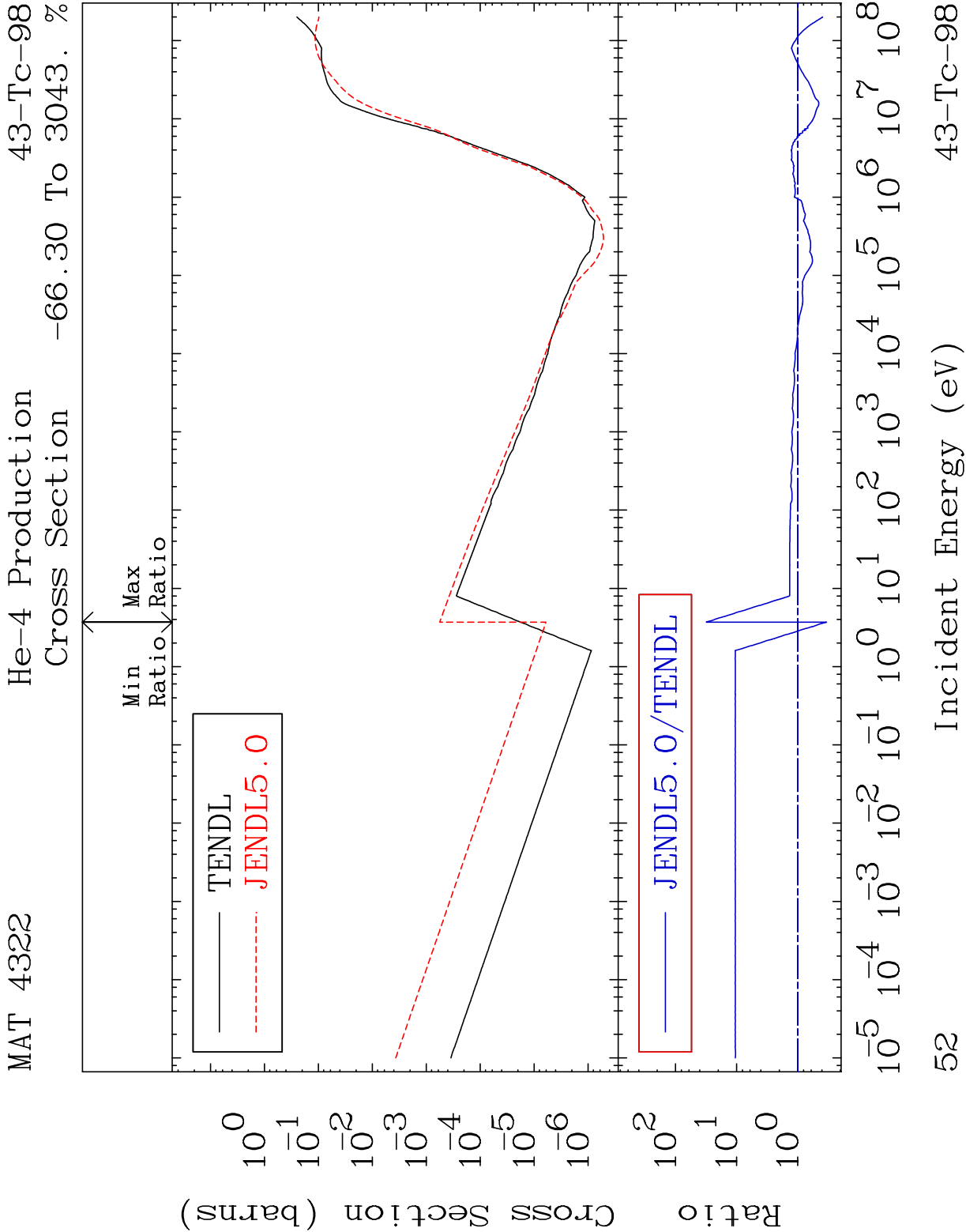


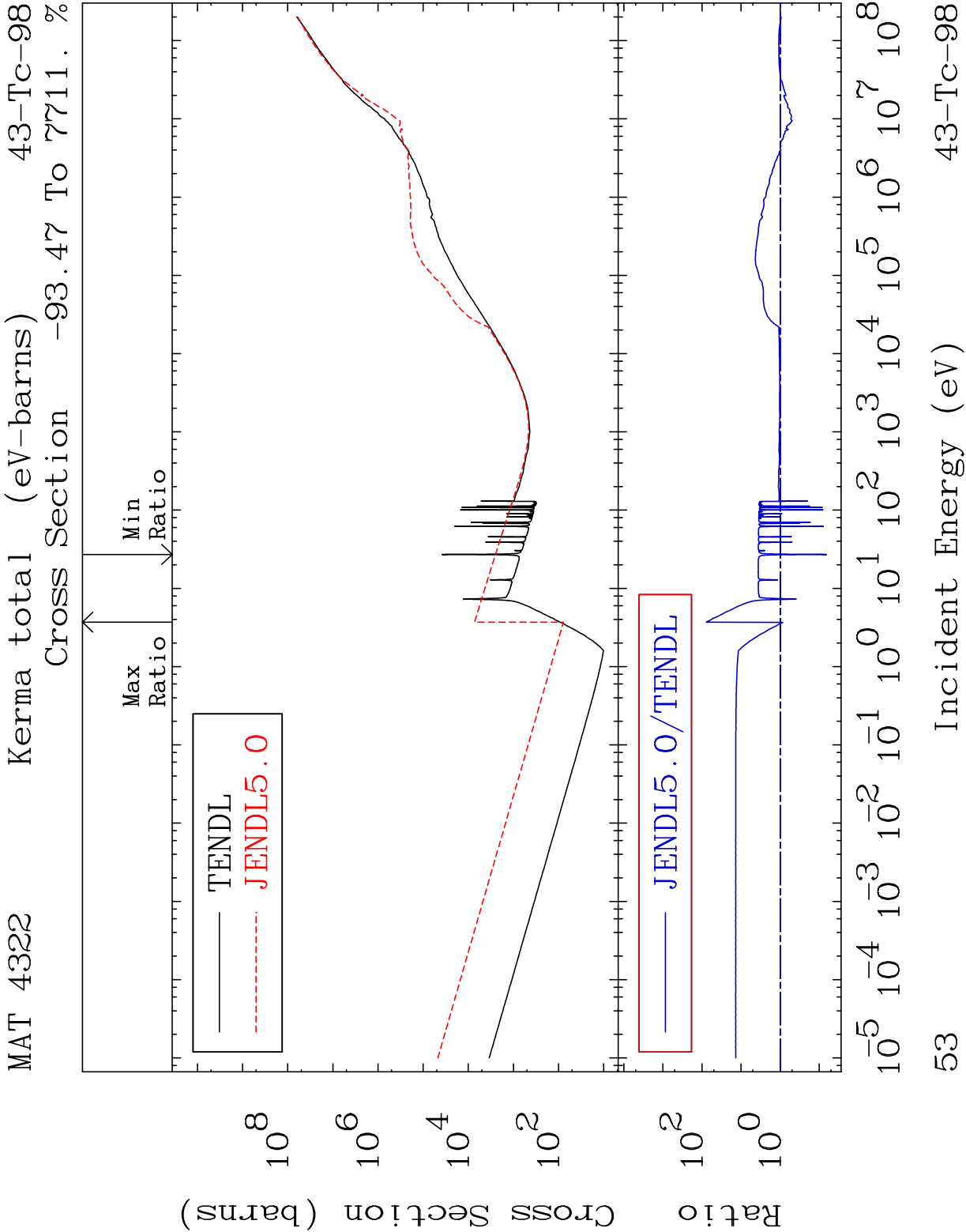


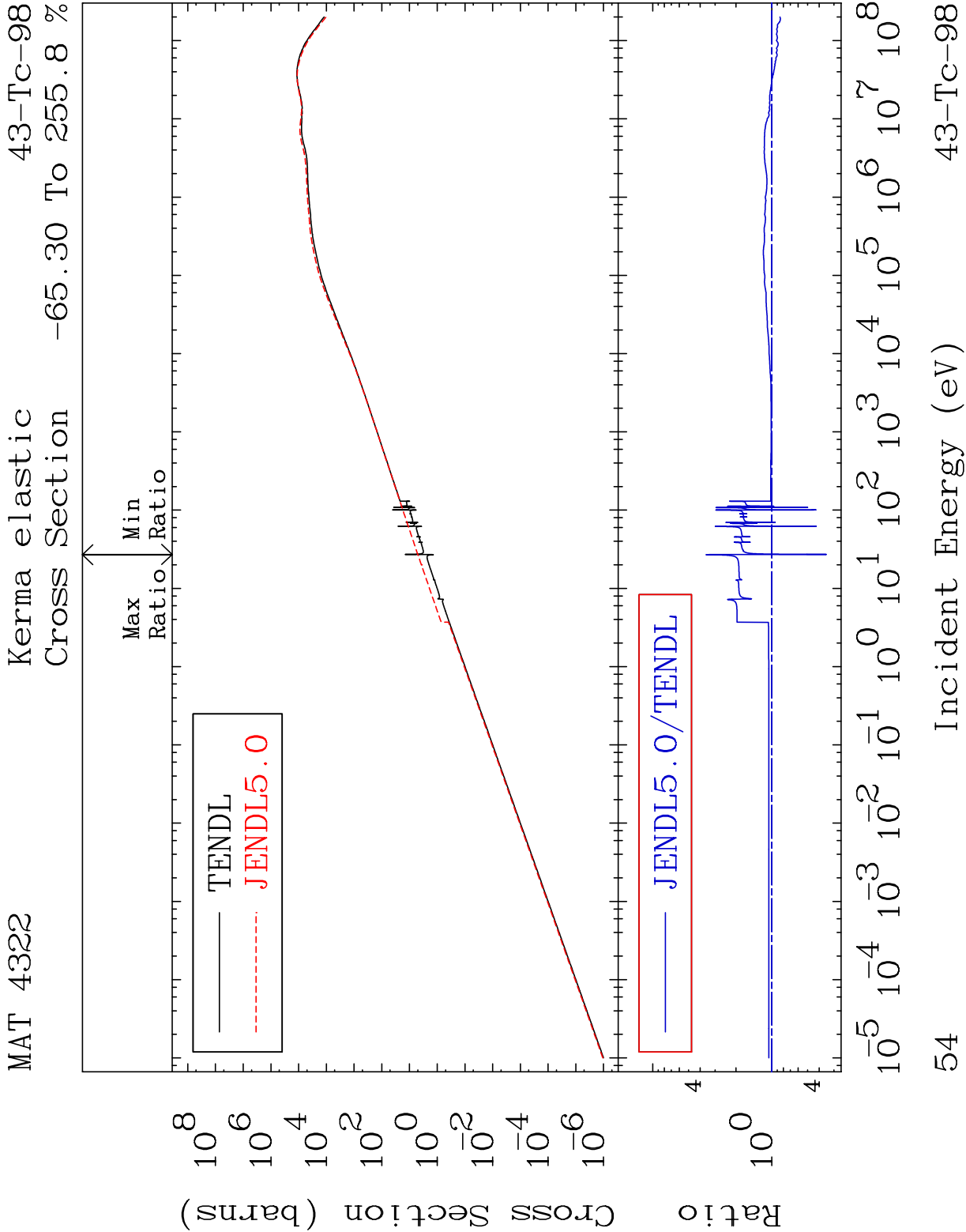




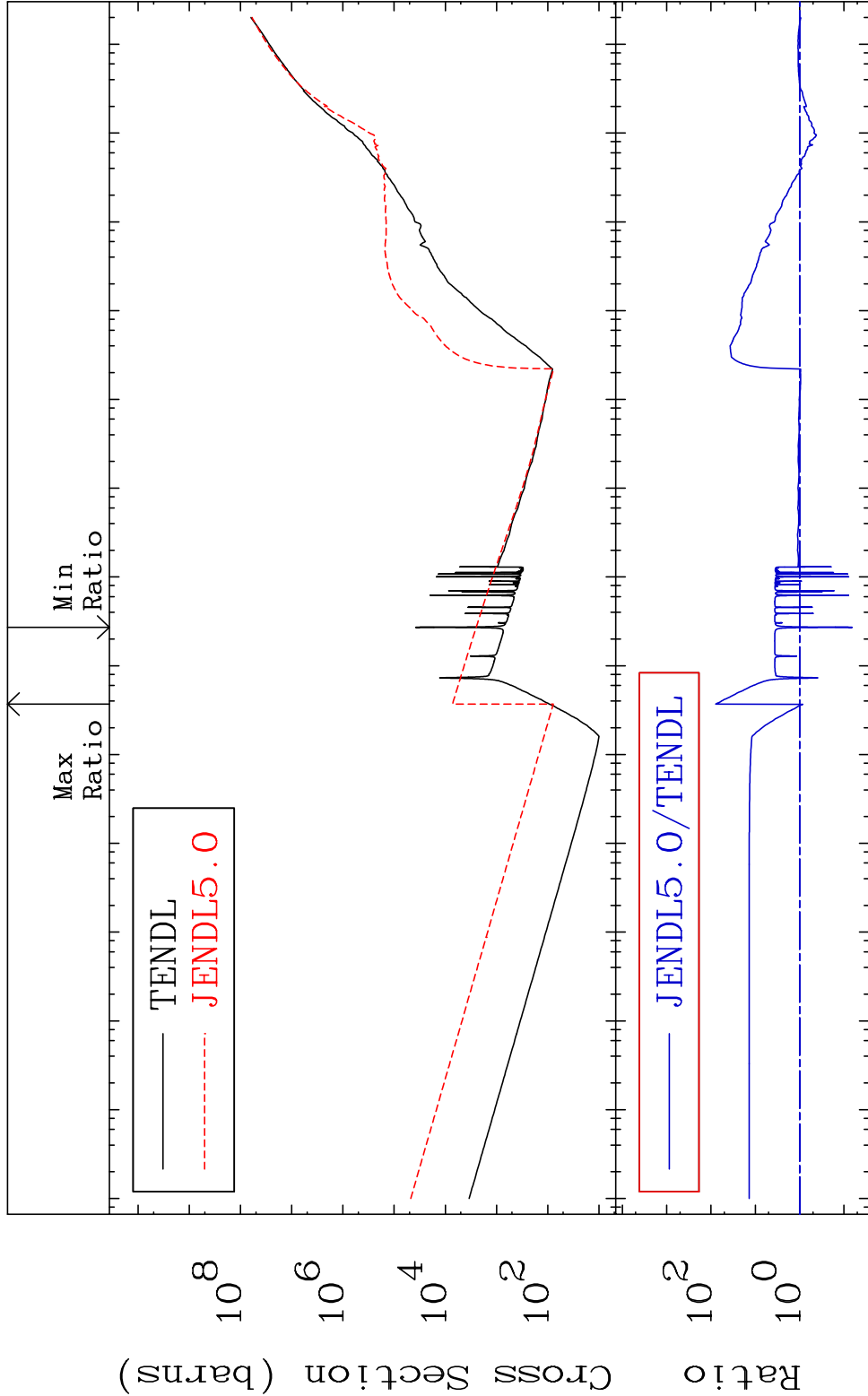




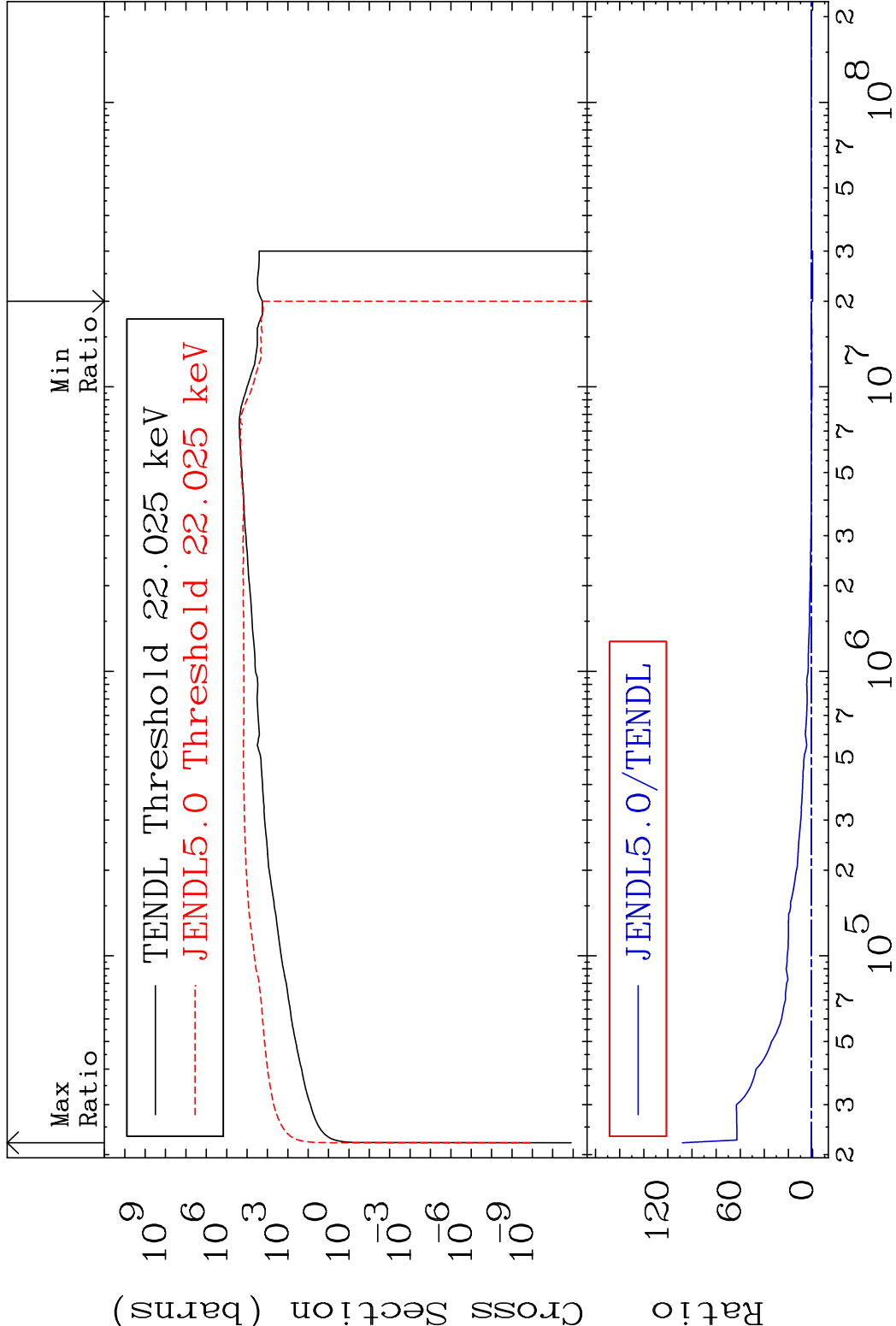




MAT 4322 Kerma non-elastic (all but mt2) 43-Tc-98
Cross Section -93.48 To 7742. %

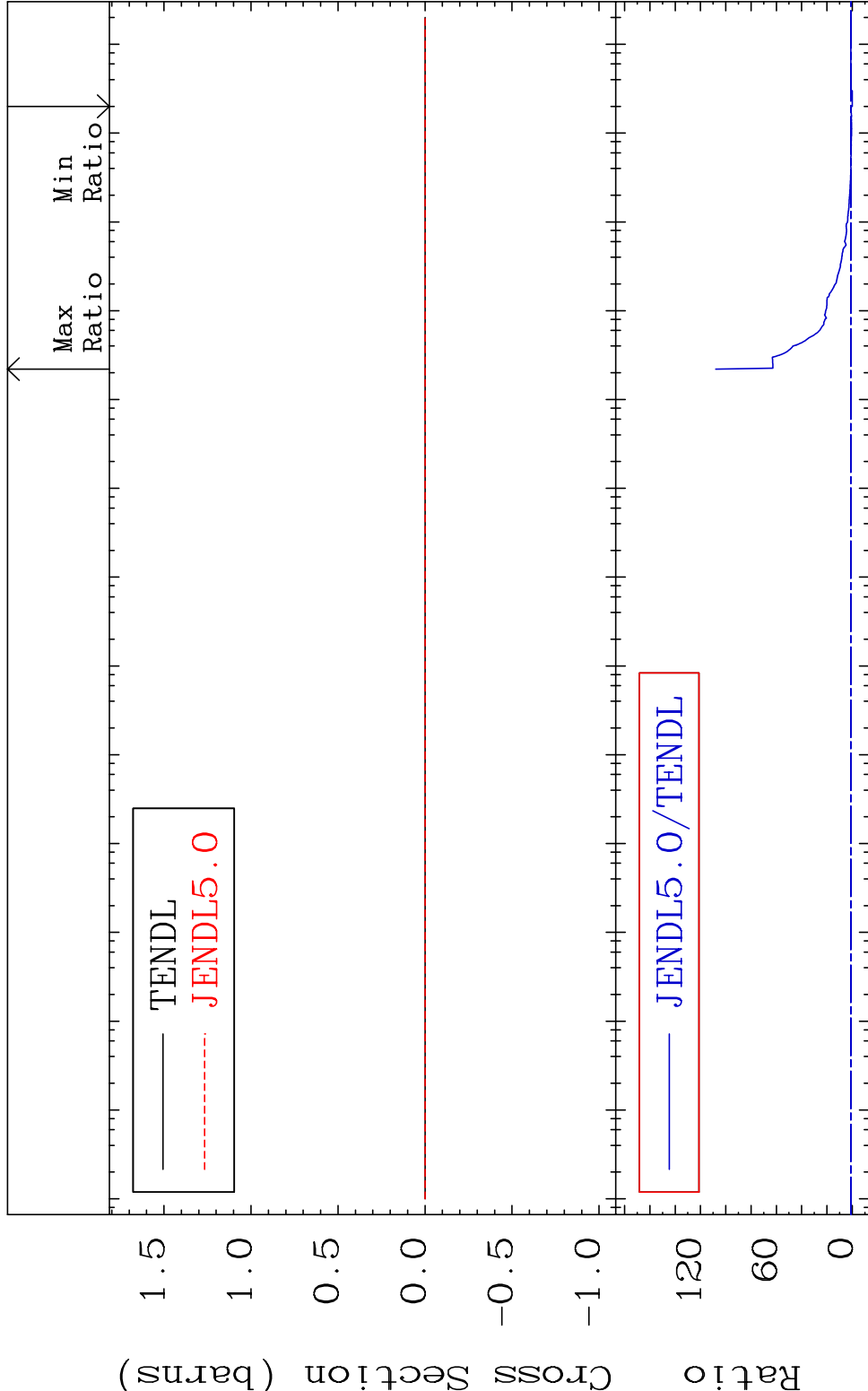


55 Incident Energy (eV) 43-Tc-98

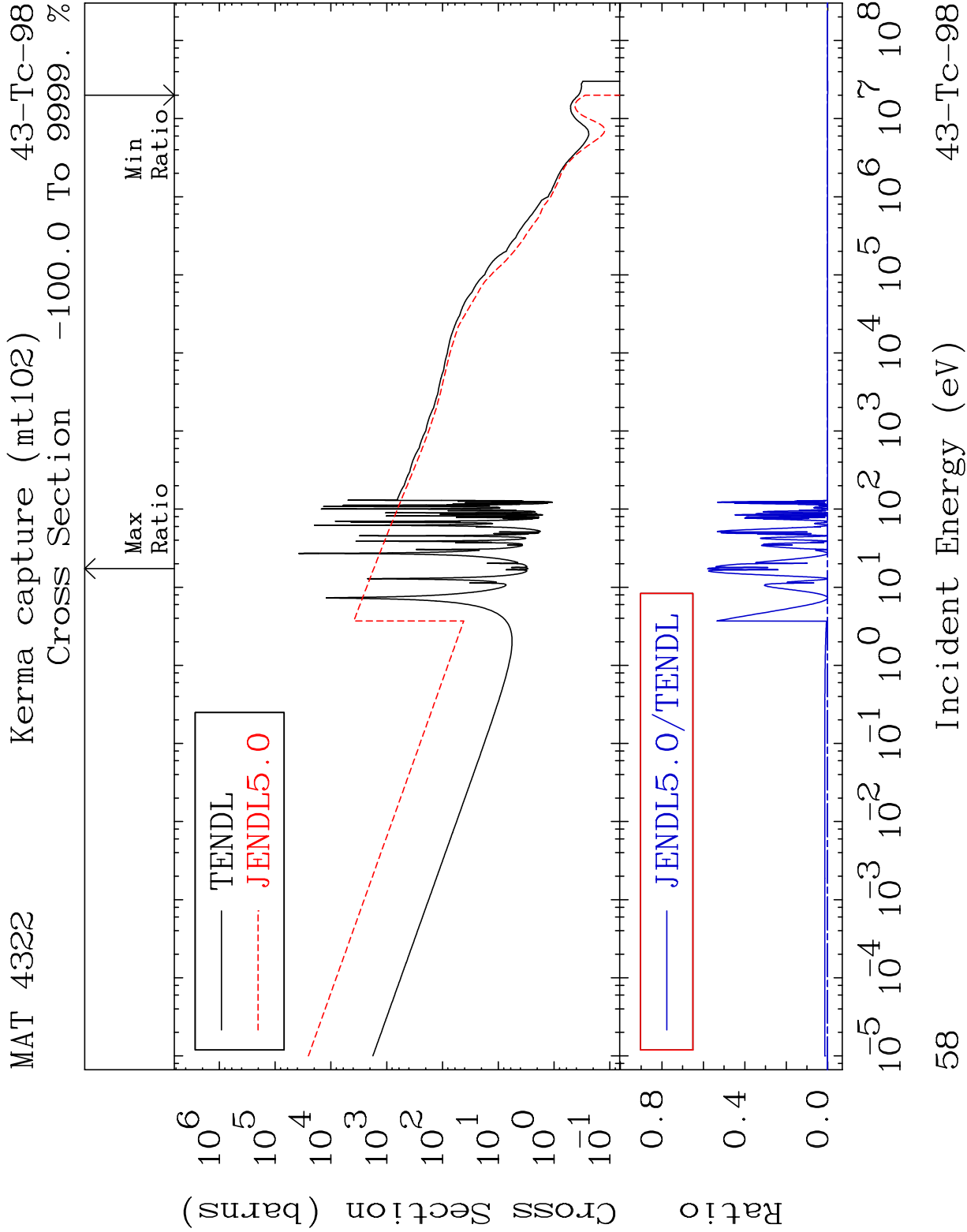


MAT 4322Kerma fission (mt18 or mt19-20-21-38) 43-Tc-98

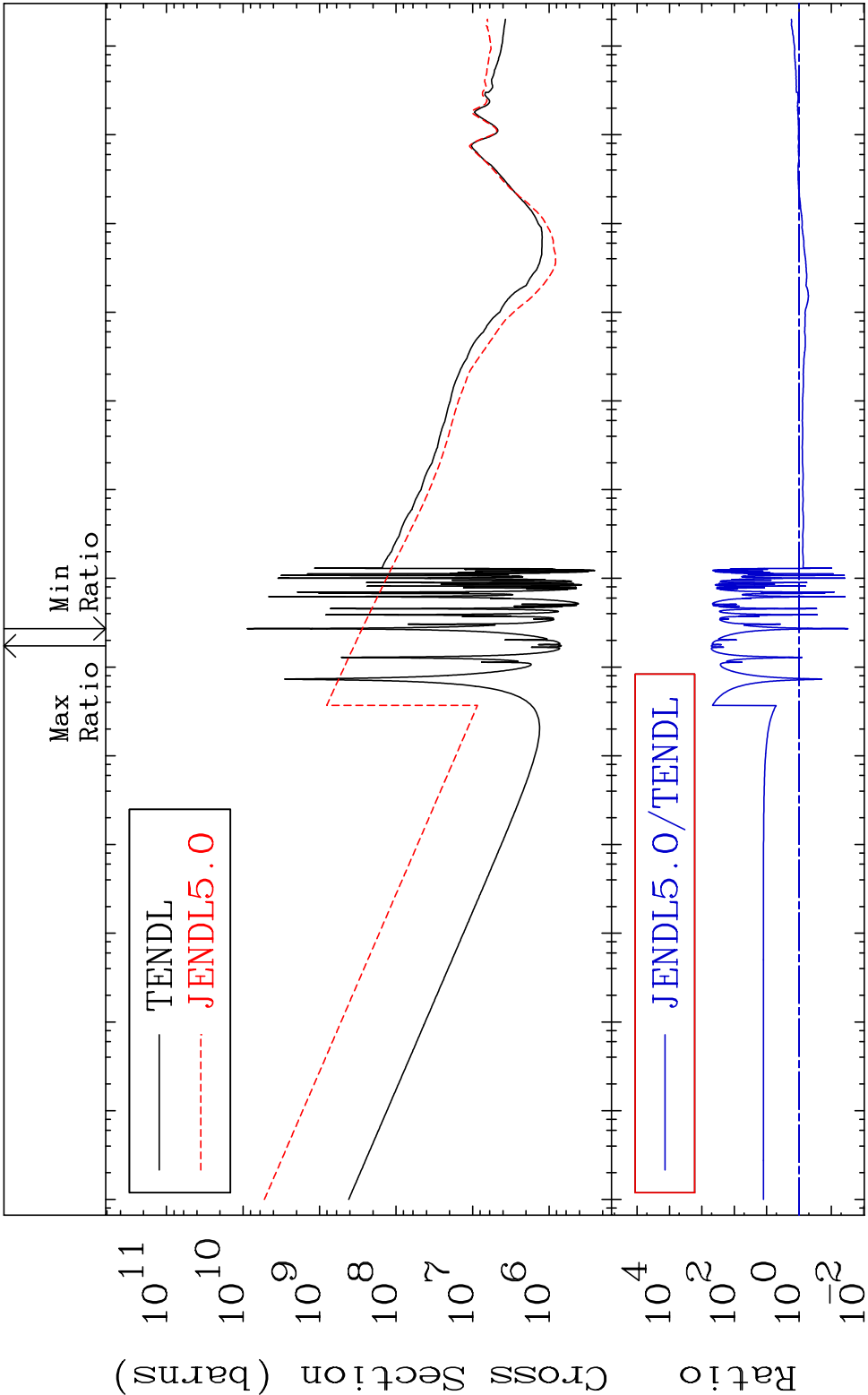
Cross Section -100.0 To 9999. %



Incident Energy (eV)



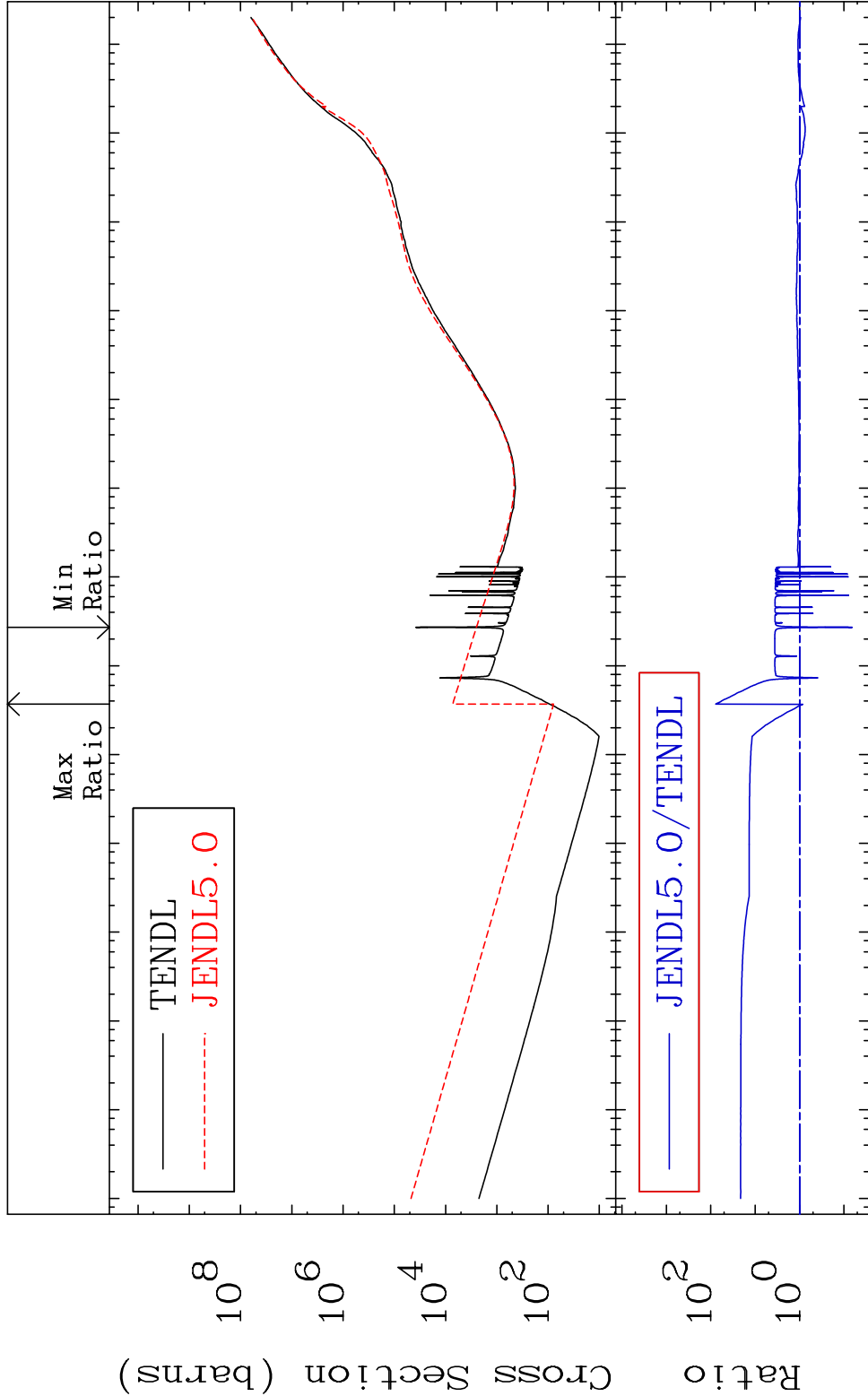
MAT 4322 Total photon (eV-barns) 43-Tc-98
Cross Section -96.87 To 9999. %



59 Incident Energy (eV) 43-Tc-98

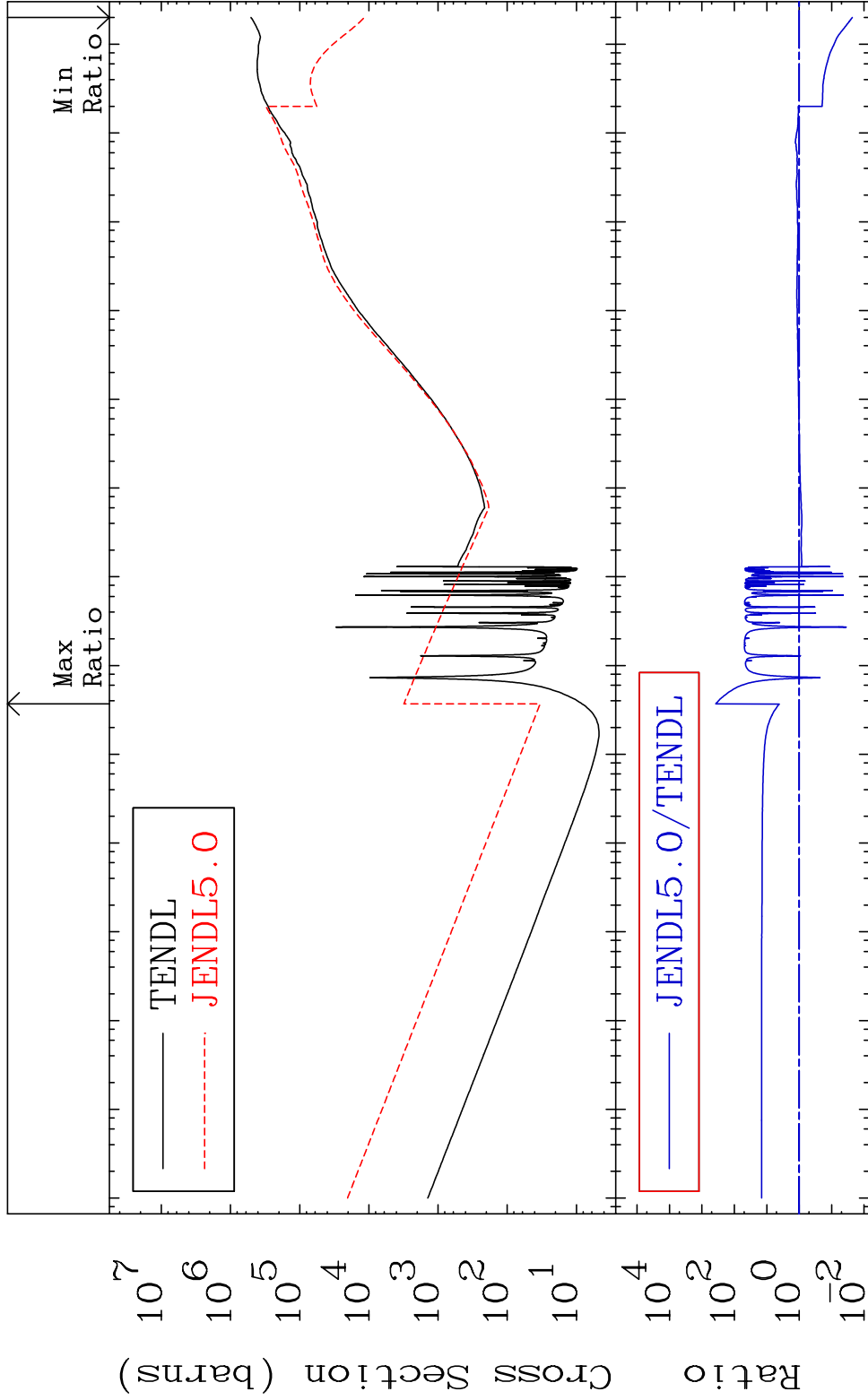
MAT 4322 Total kinematic kerma (high limit) 43-Tc-98

Cross Section -93.47 To 7659. %

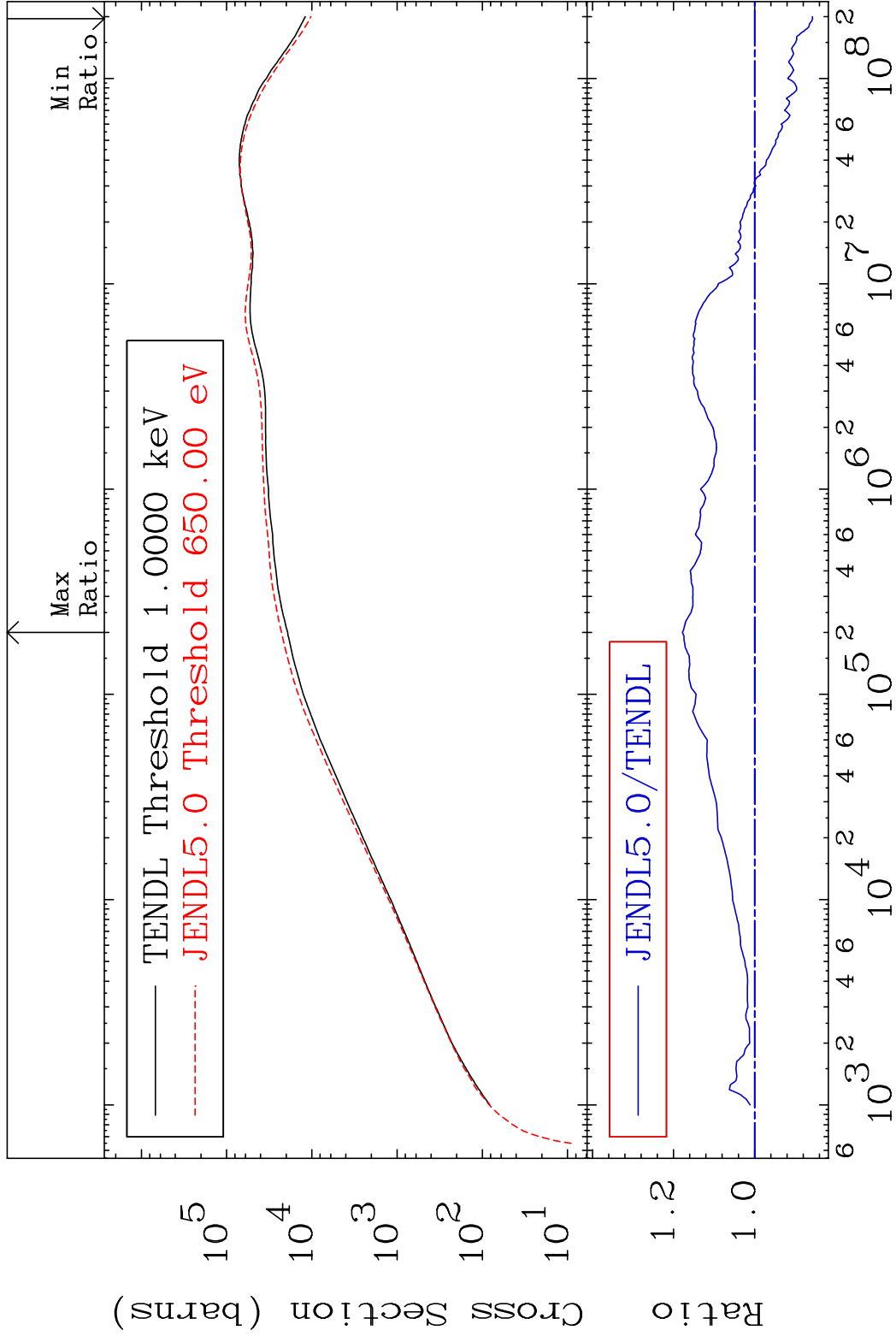


60 Incident Energy (eV) 43-Tc-98

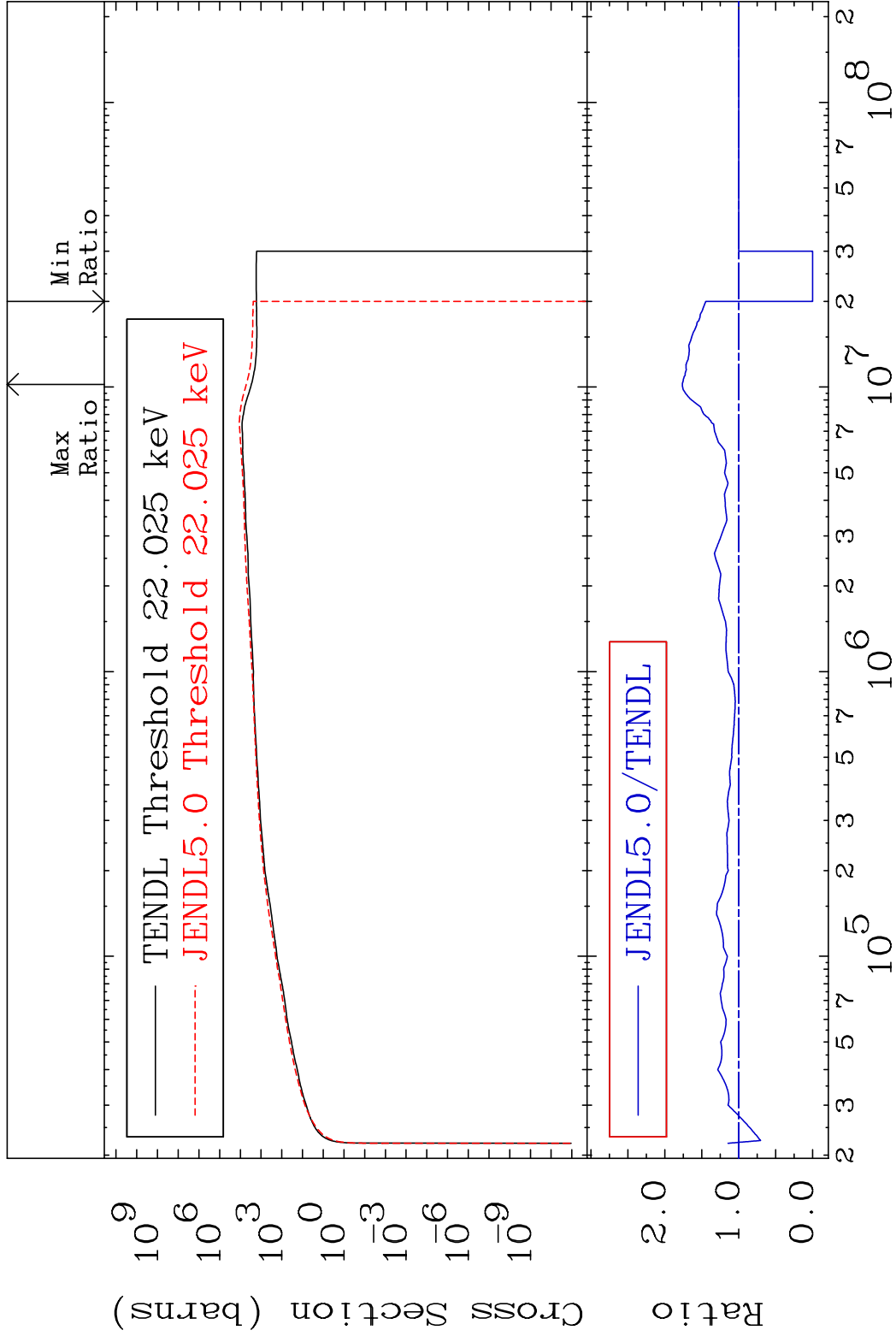
MAT 4322 Dpa total (eV-barns) 43-Tc-98
Cross Section -97.68 To 9999. %



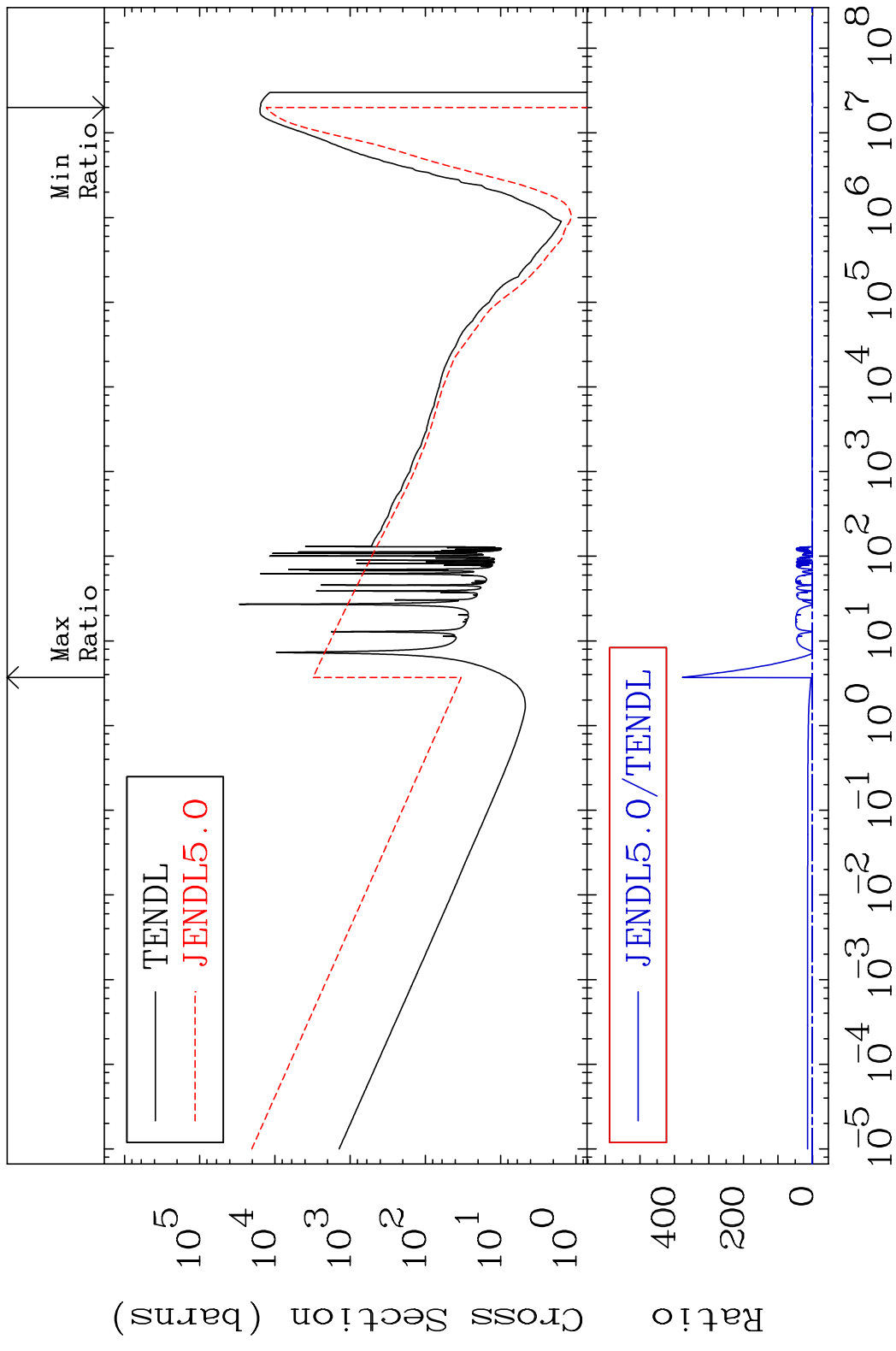
MAT 4322 Dpa elastic (mt2) 43-Tc-98
Cross Section -14.29 To 17.82 %



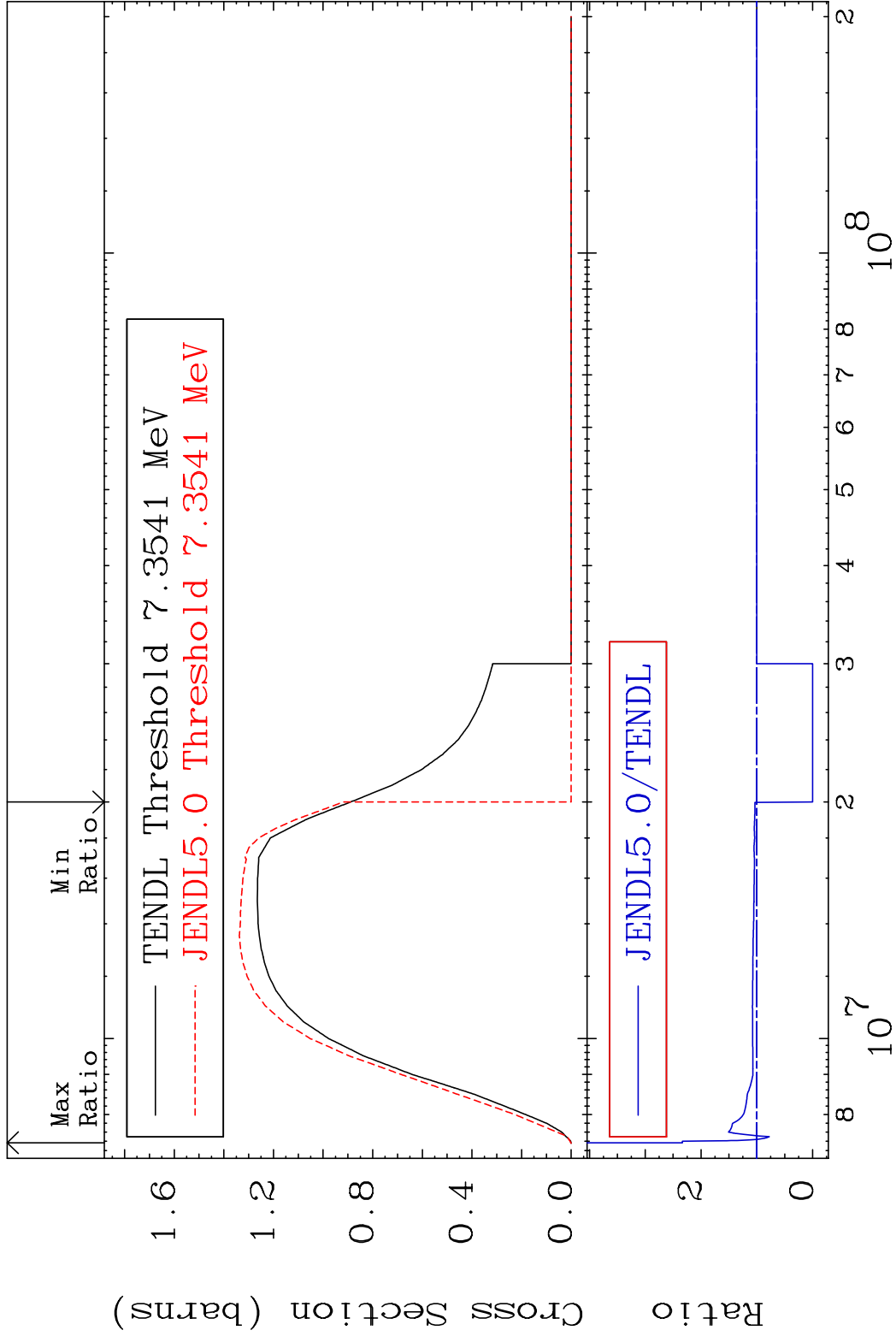
62 Incident Energy (eV) 43-Tc-98

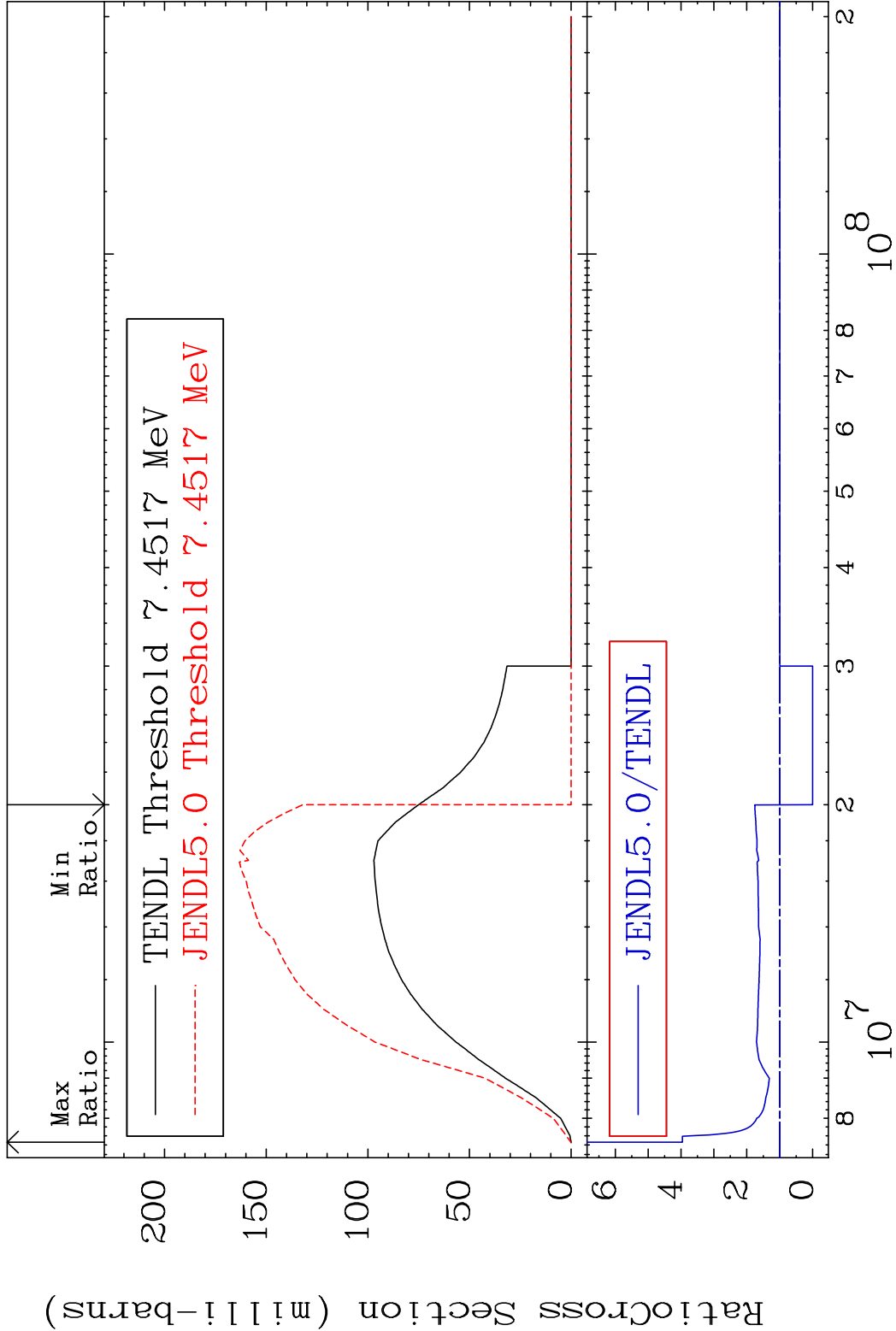


MAT 4322	Dpa disappearance (mt102	-120)	43-Tc-98
	Cross Section	-100.0 To 9999. %	

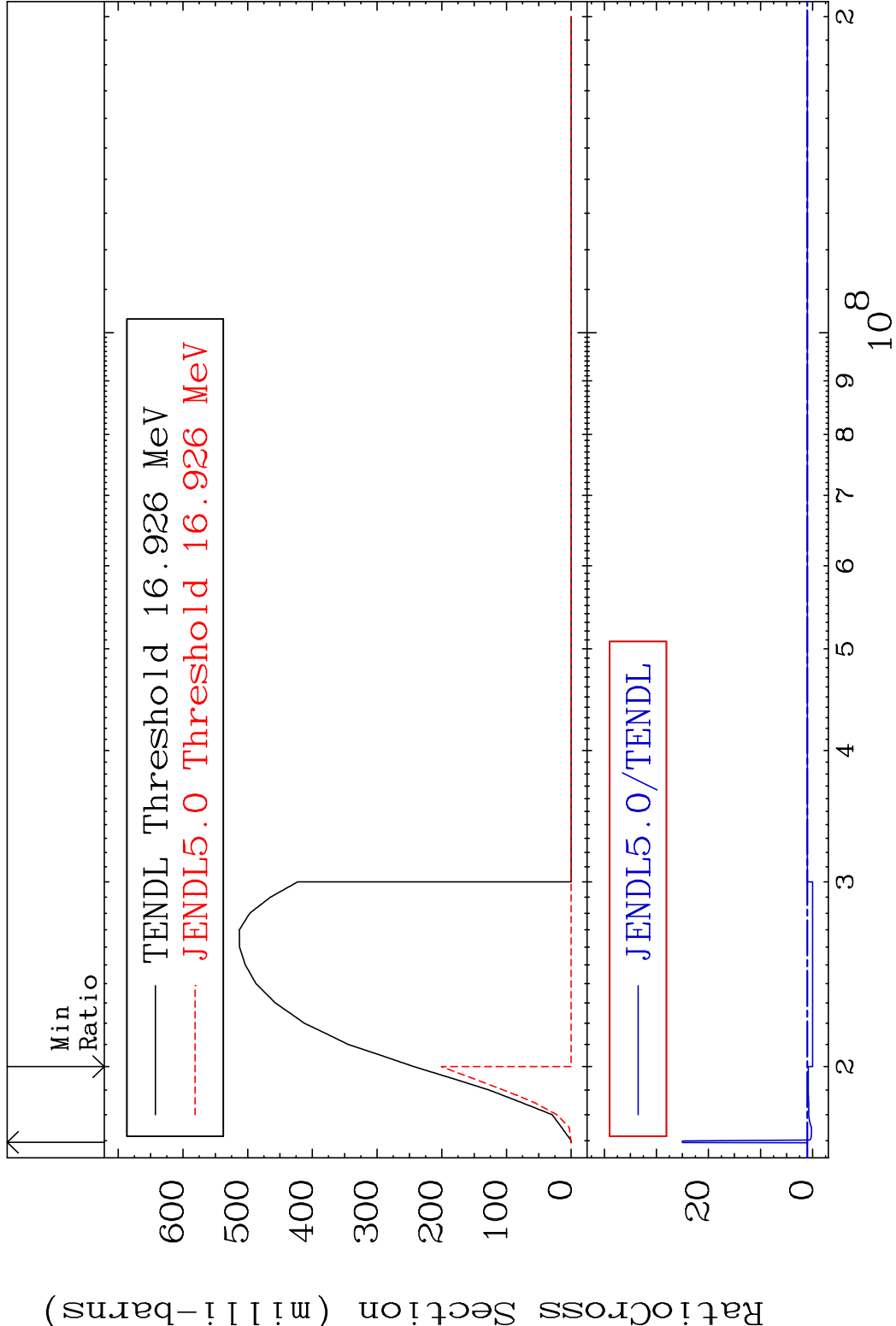


64 Incident Energy (eV) ⁴³Tc-98

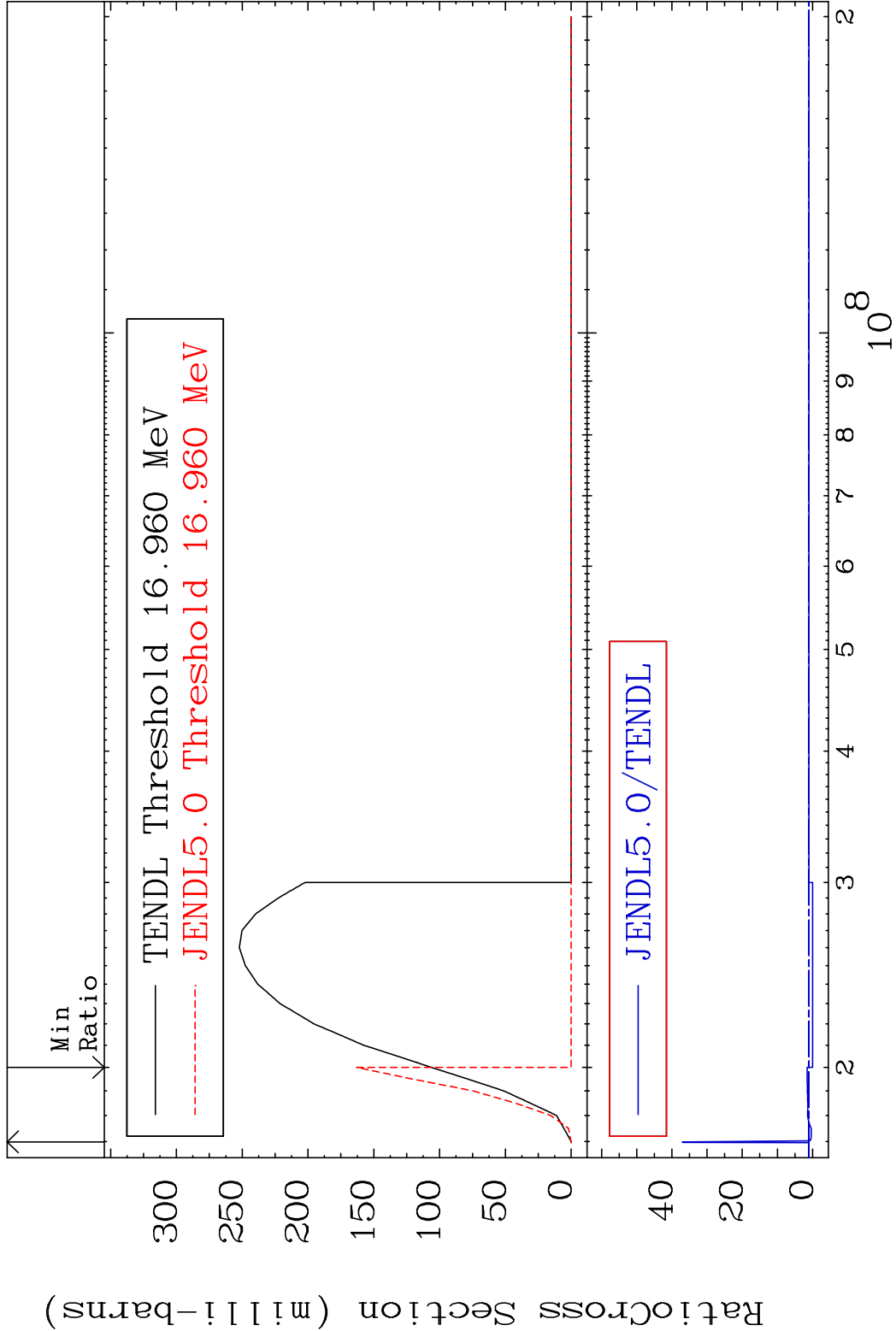


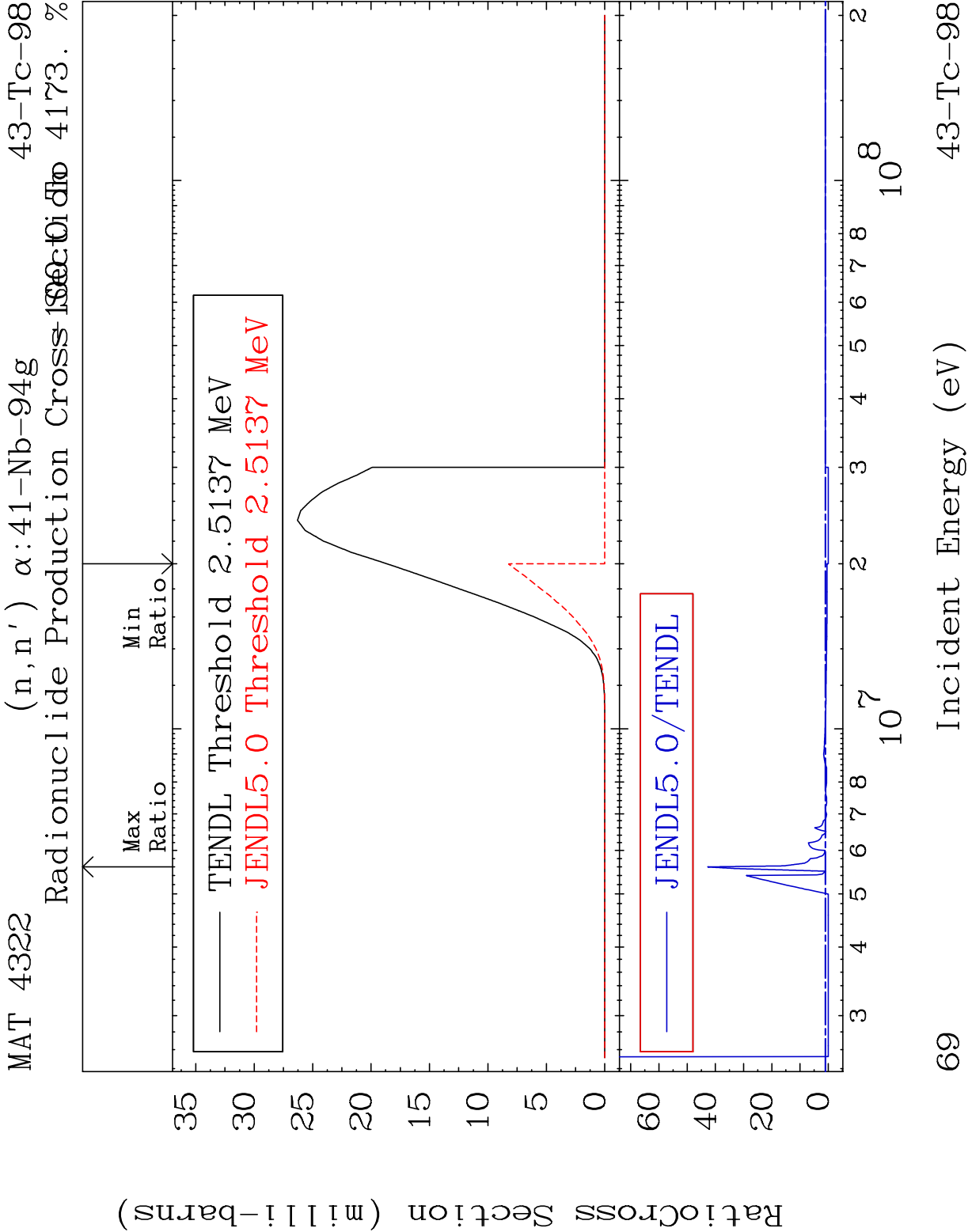


Radionuclide Production Cross Section (mb) 18000.0 to 2402. %

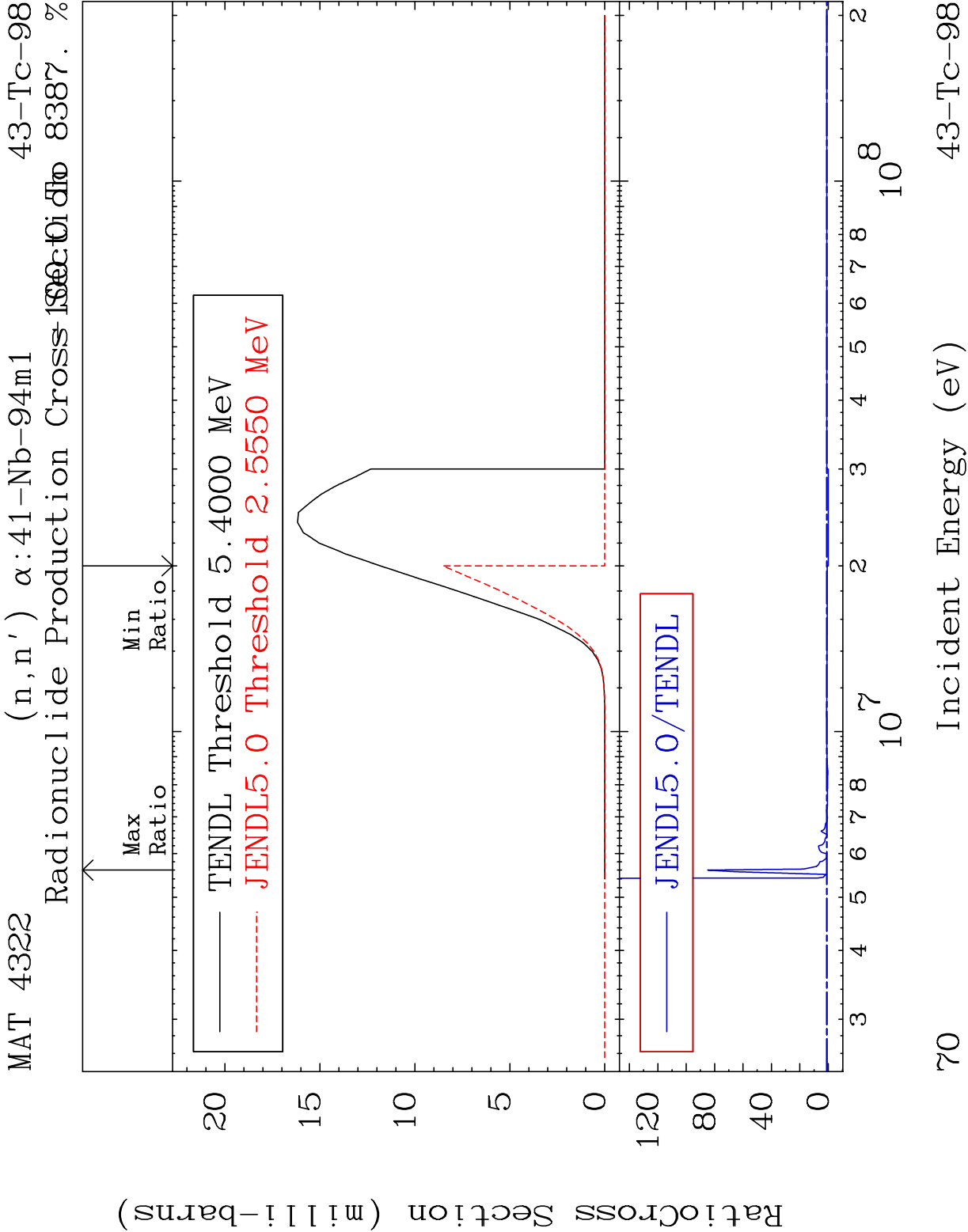


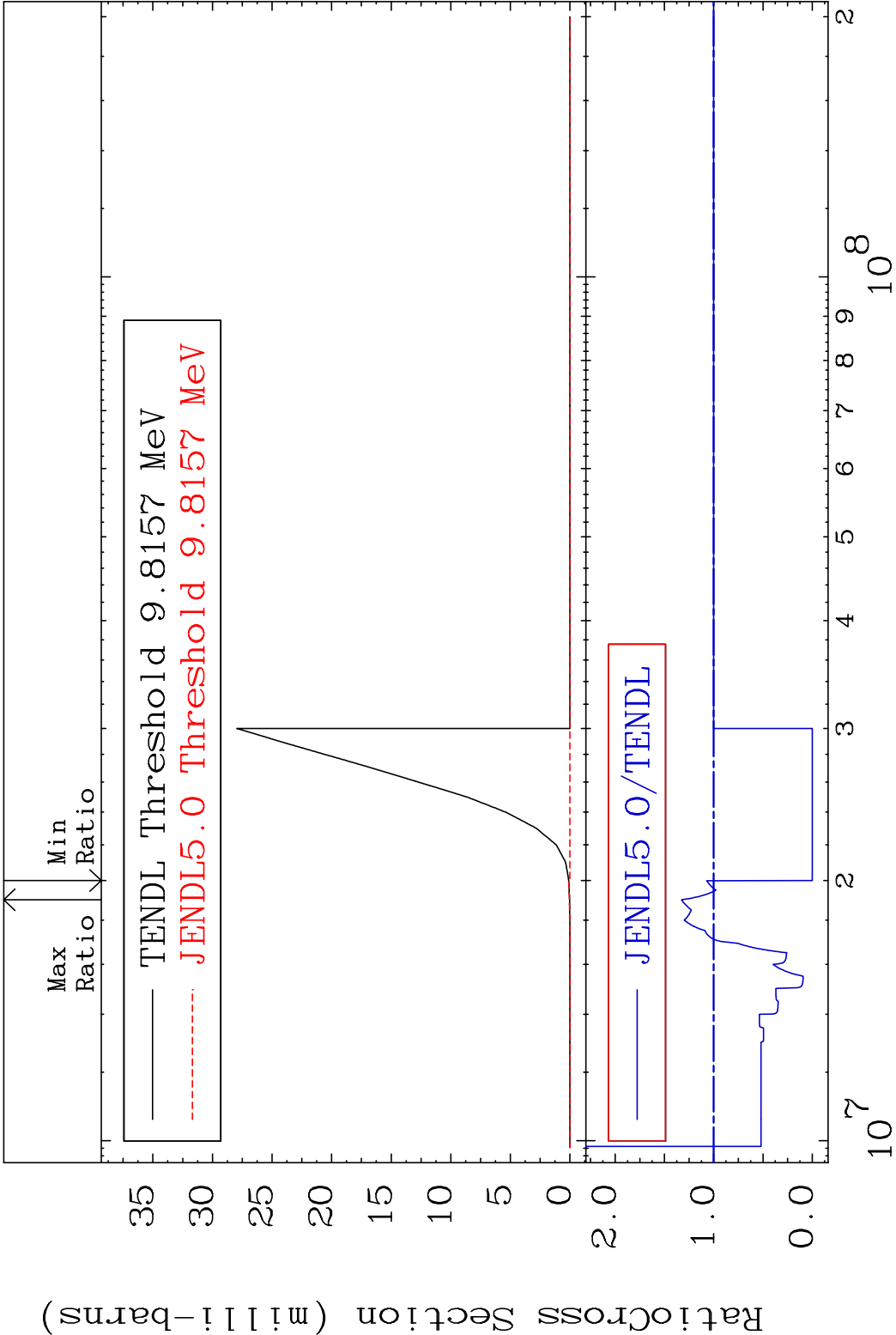
Radionuclide Production Cross Section (mb) 3602. %

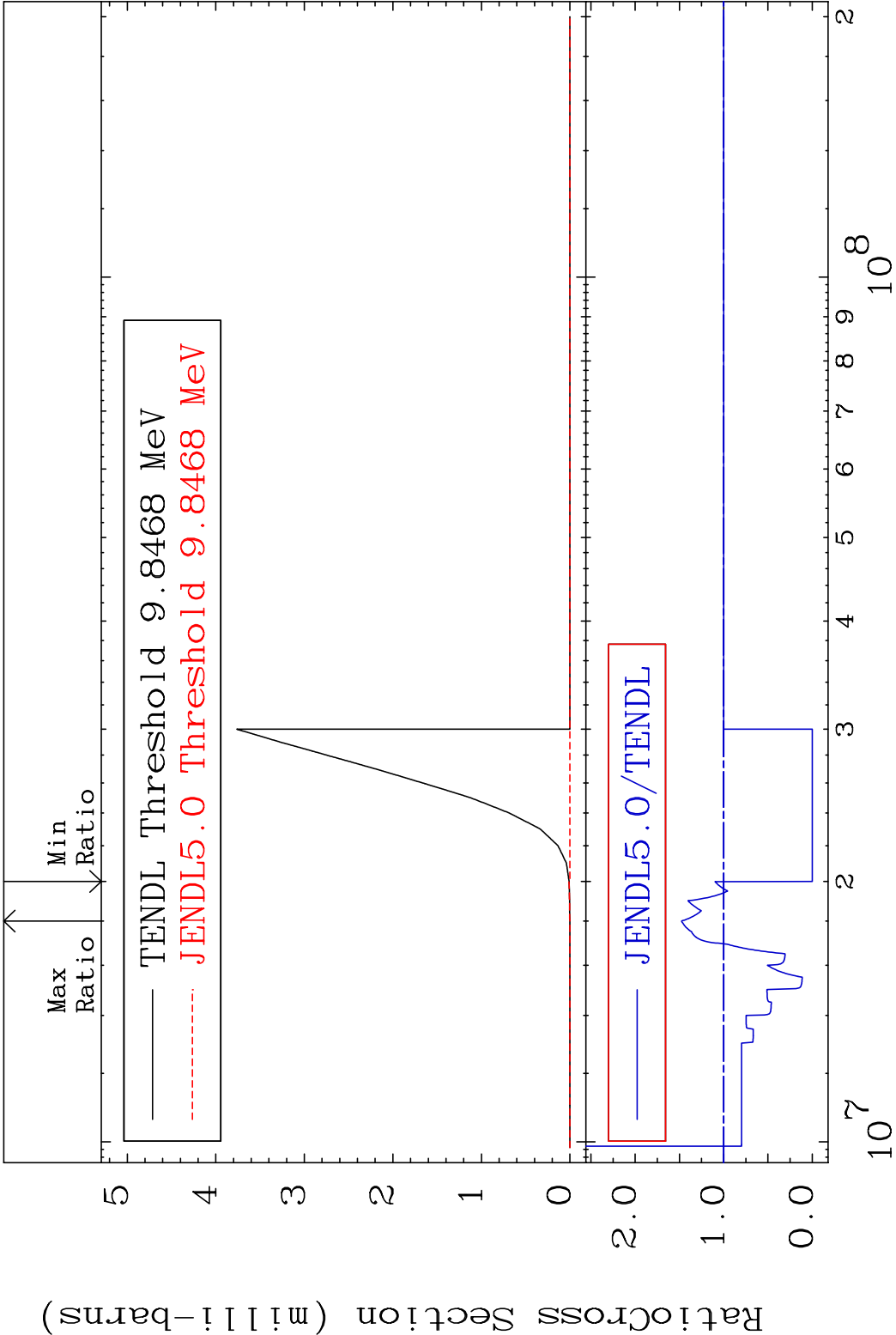




69







MAT 4322

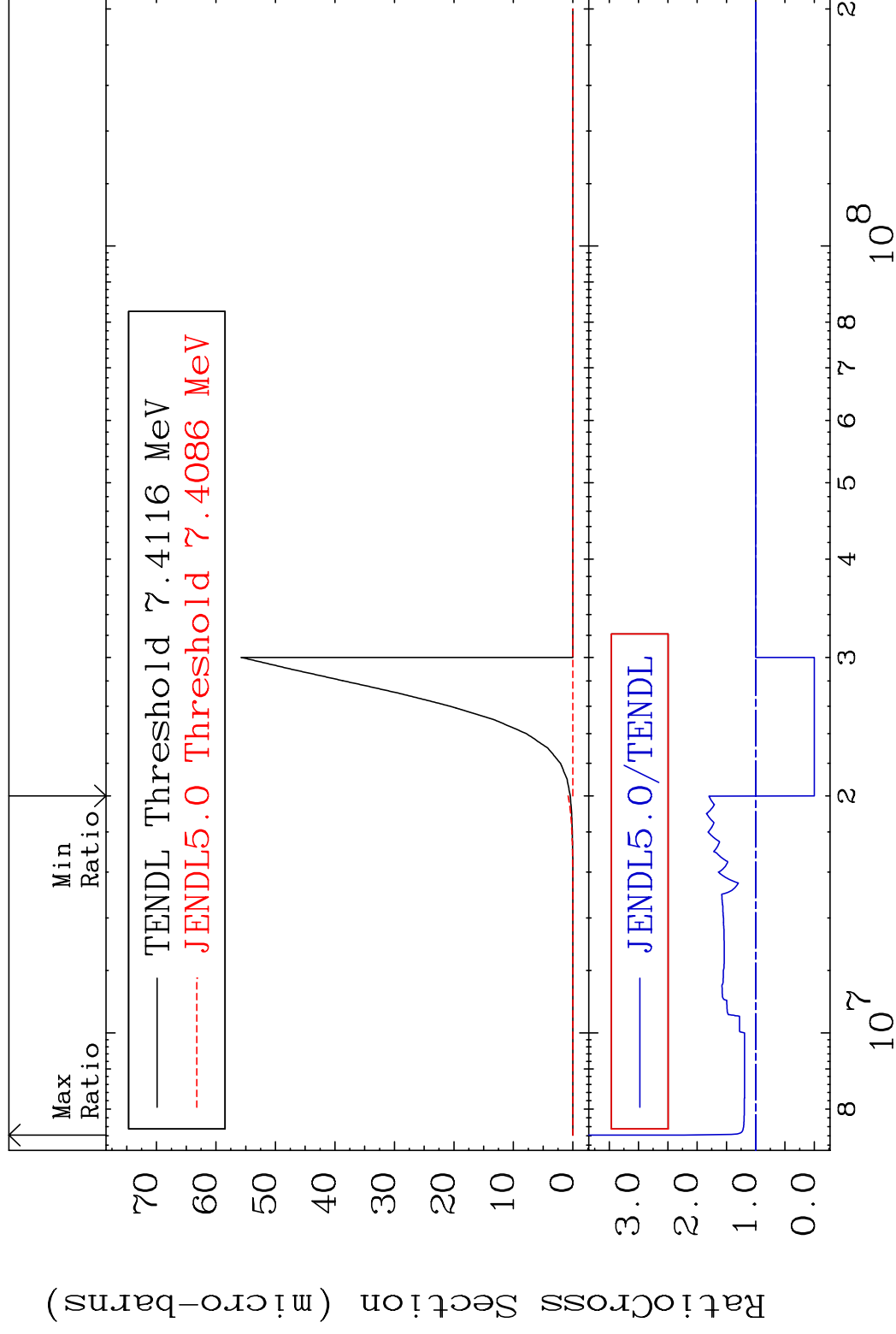
$$(n, 2p): 41\text{-Nb-}97\text{g}$$

43-Tc-98

Radionuclide Production Cross-Section 122.3 %

Section 570

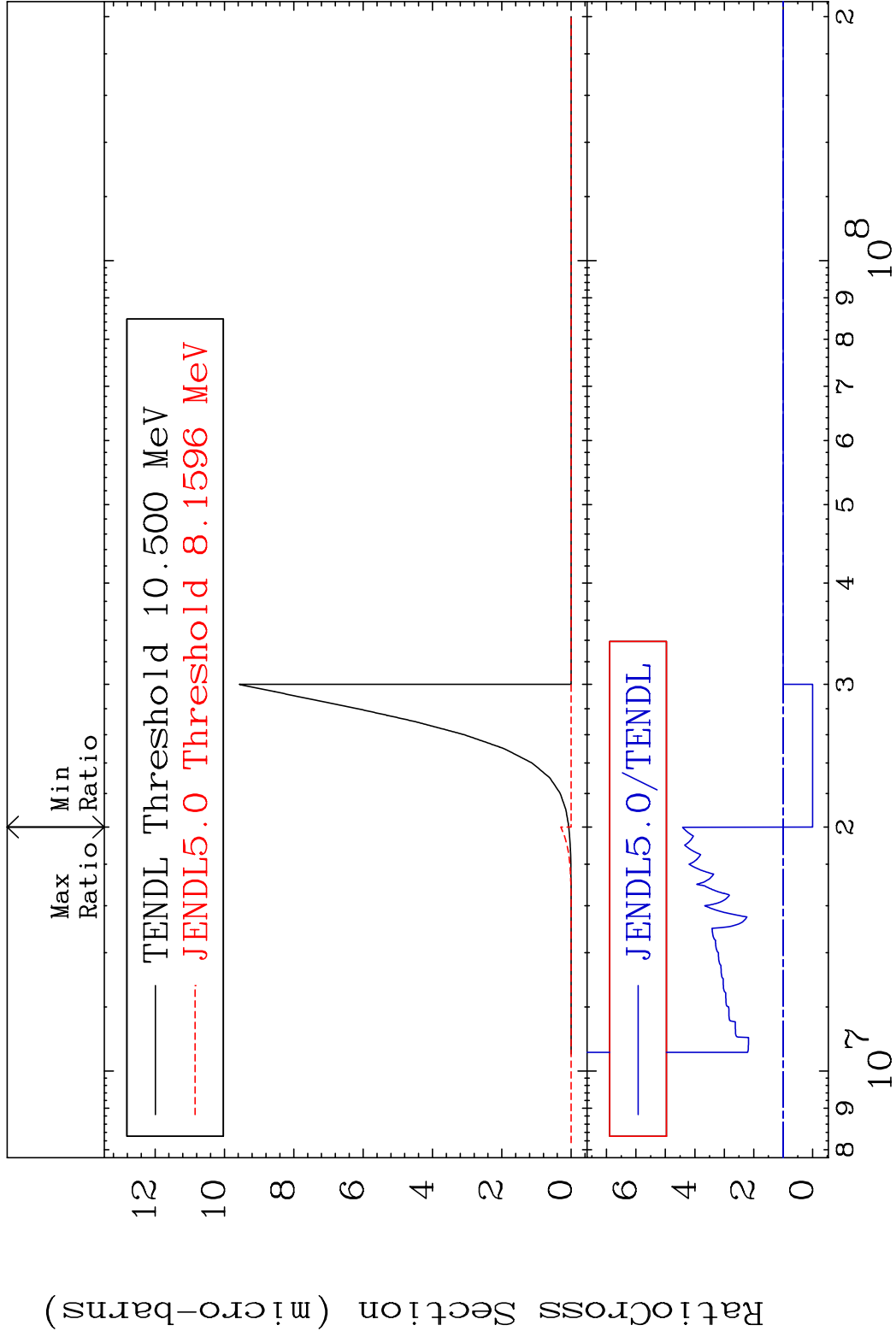
122.3 %



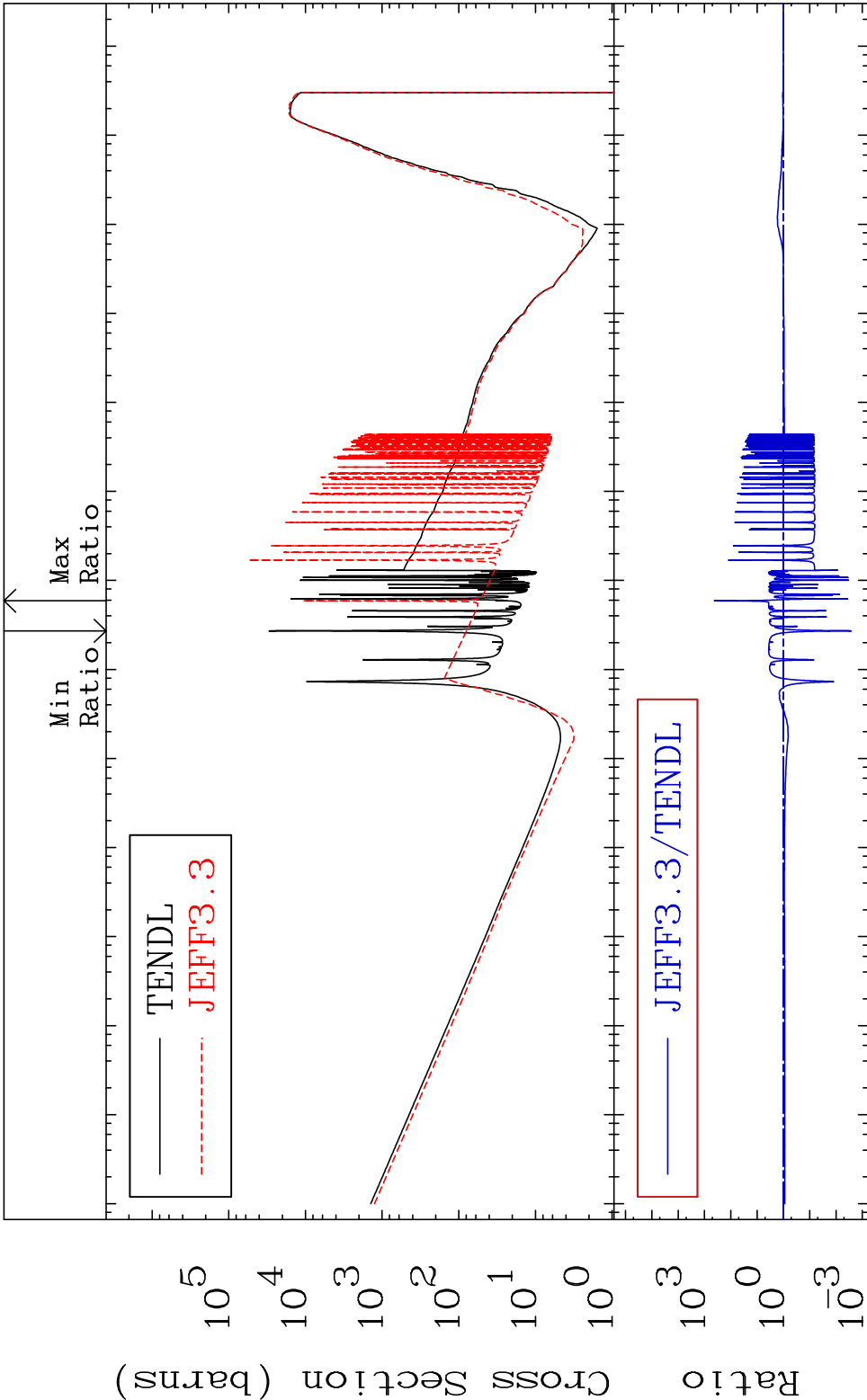
3

Incident Energy (eV)

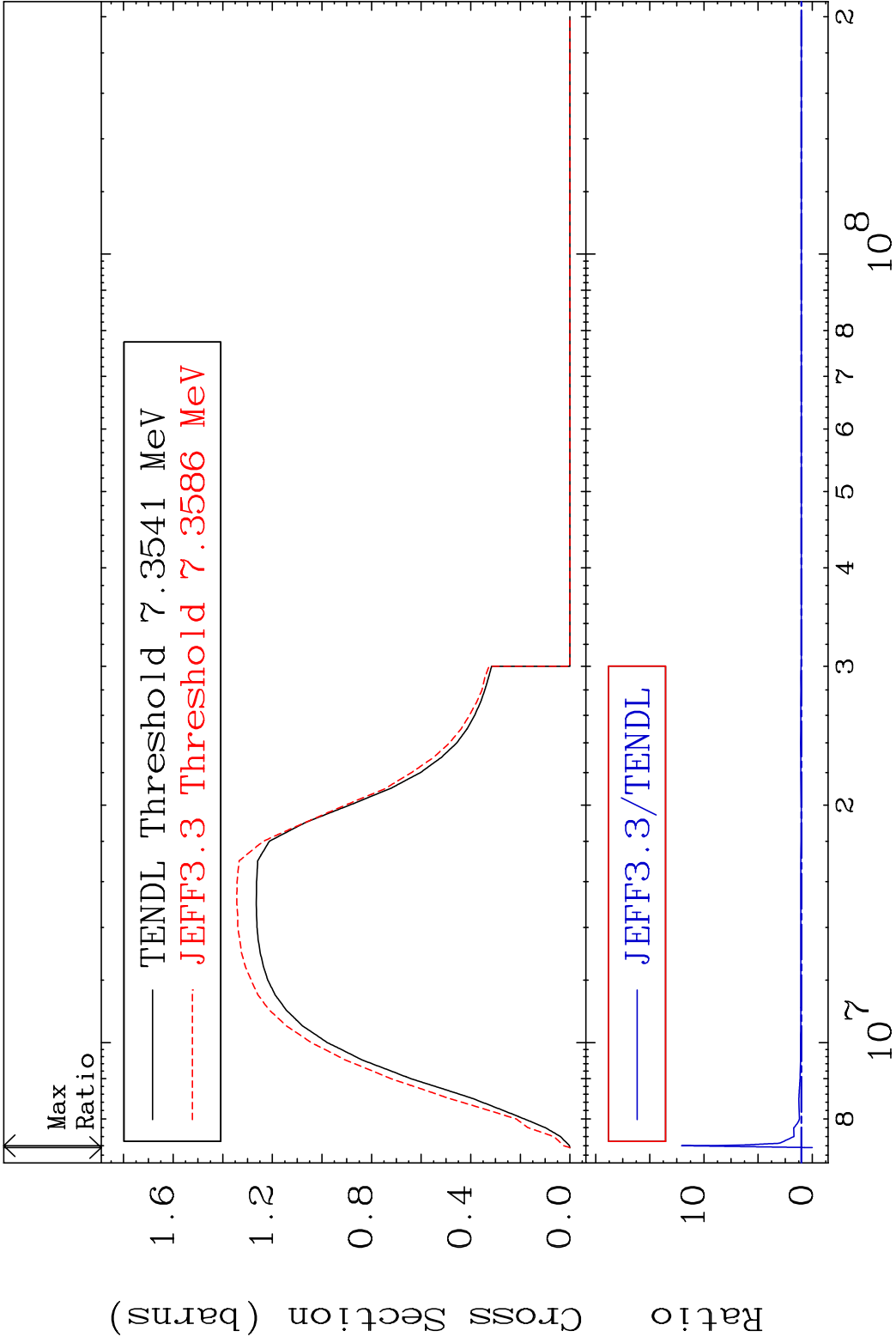
43-Tc-98

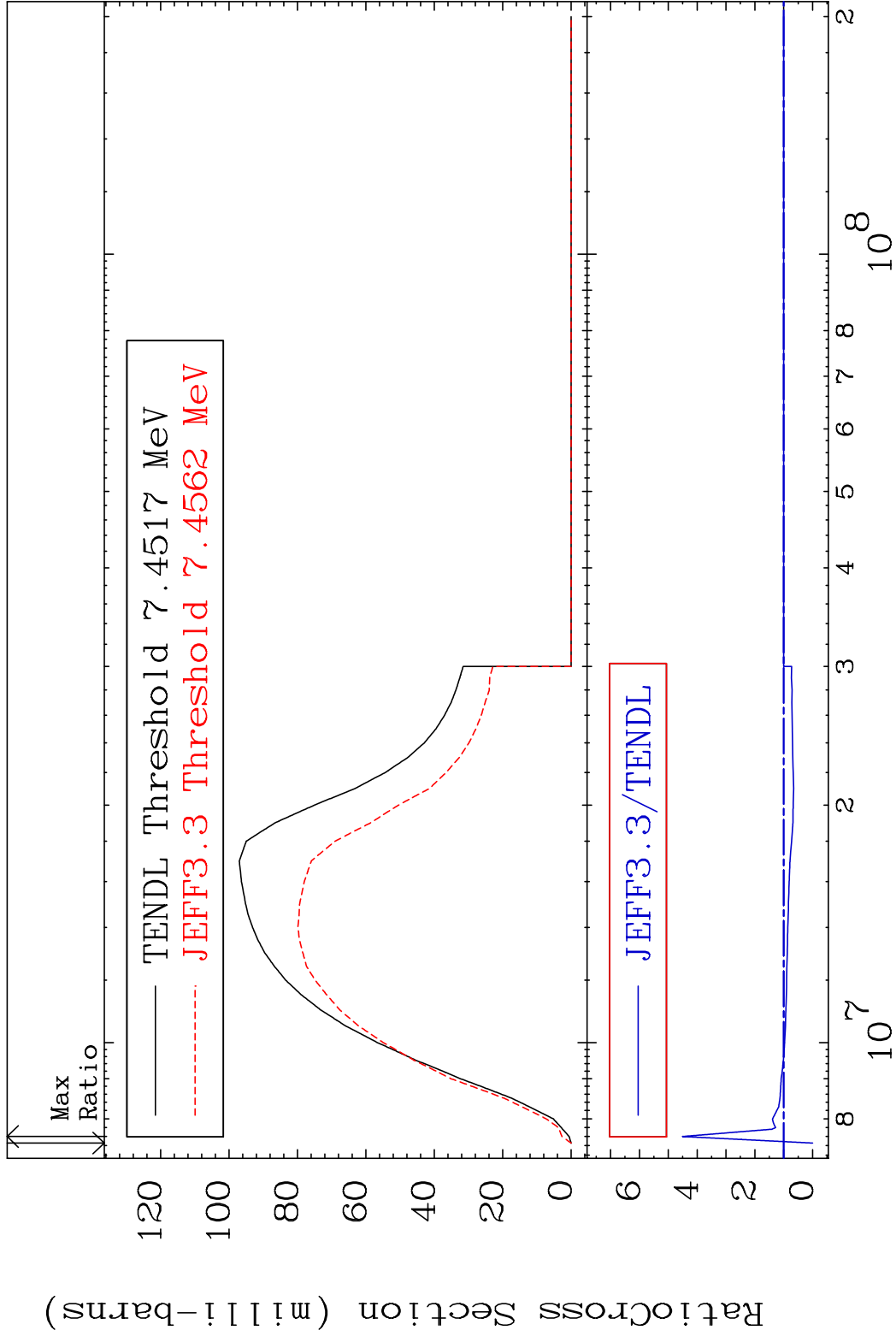


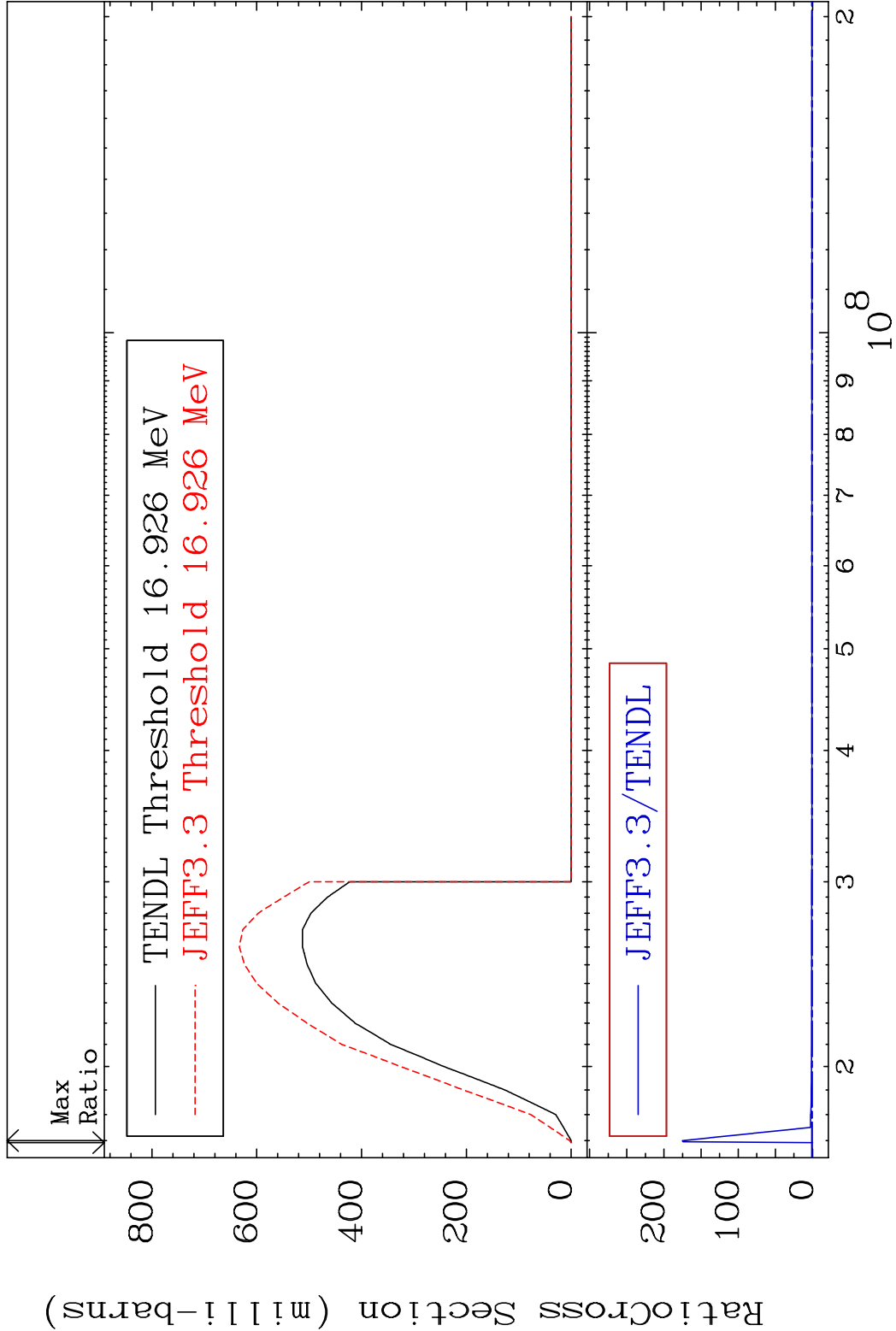
MAT 4322 Dpa disappearance (mt102 -120) 43-Tc-98
 Cross Section -99.73 To 9999. %

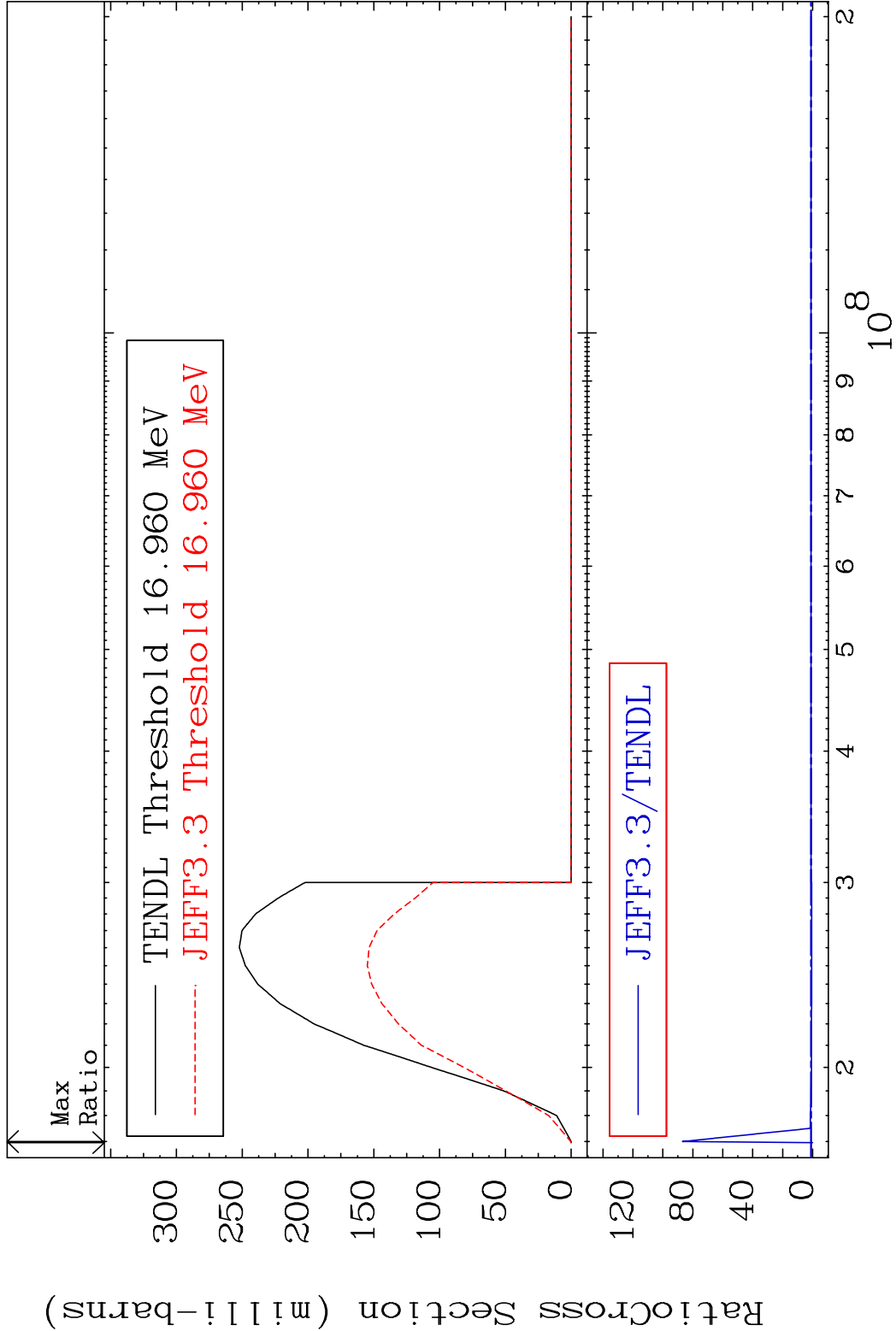


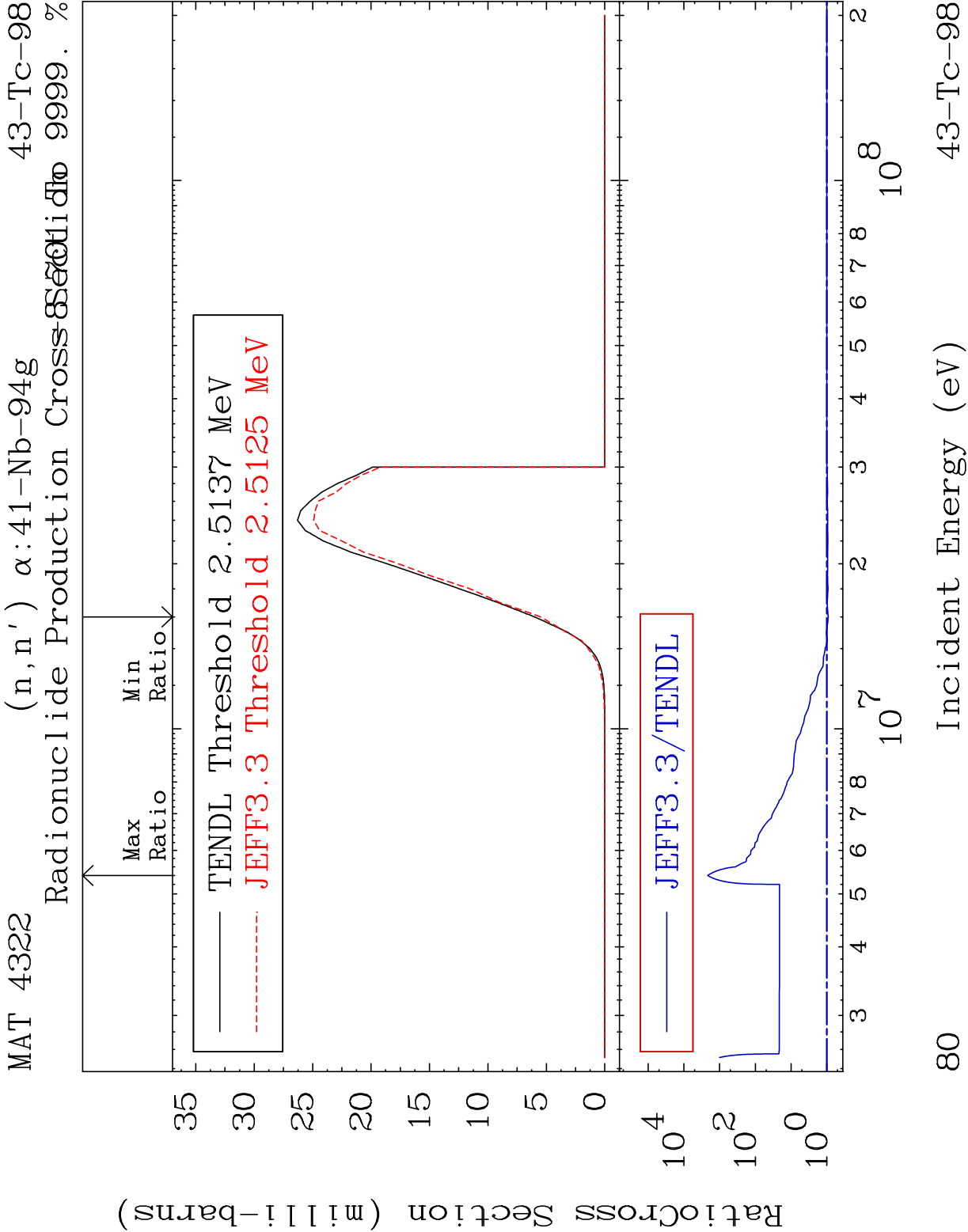
75 Incident Energy (eV) 43-Tc-98

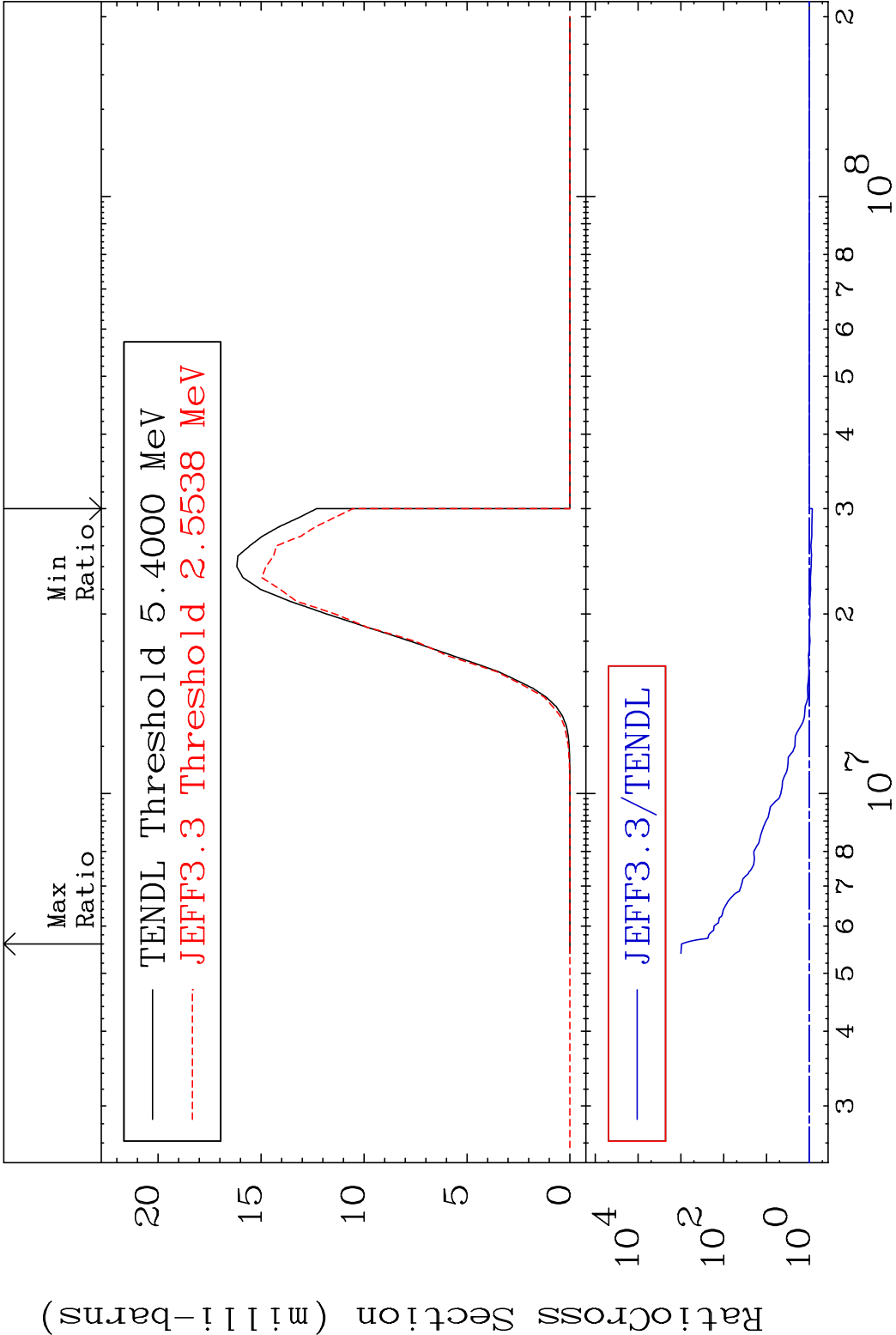


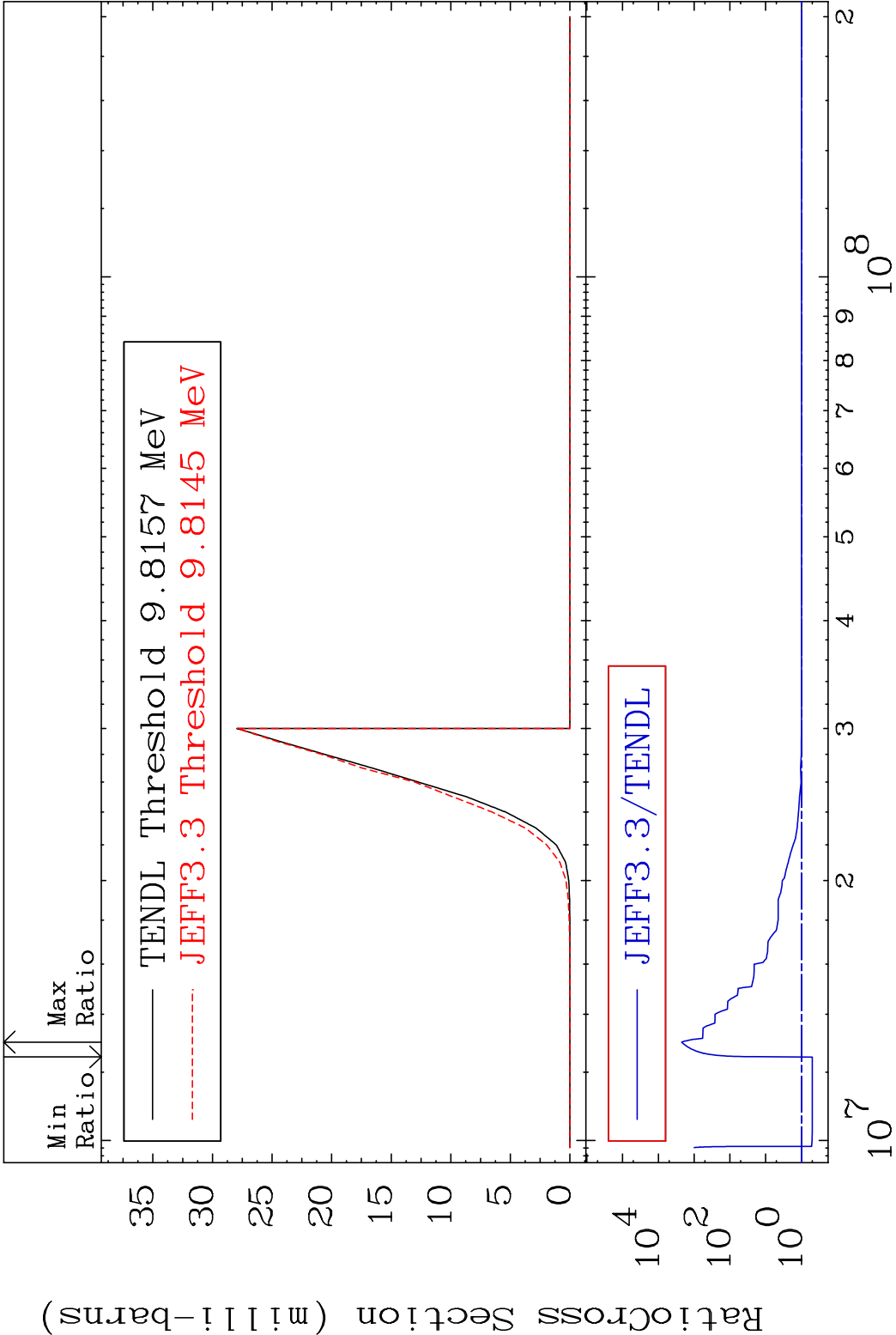


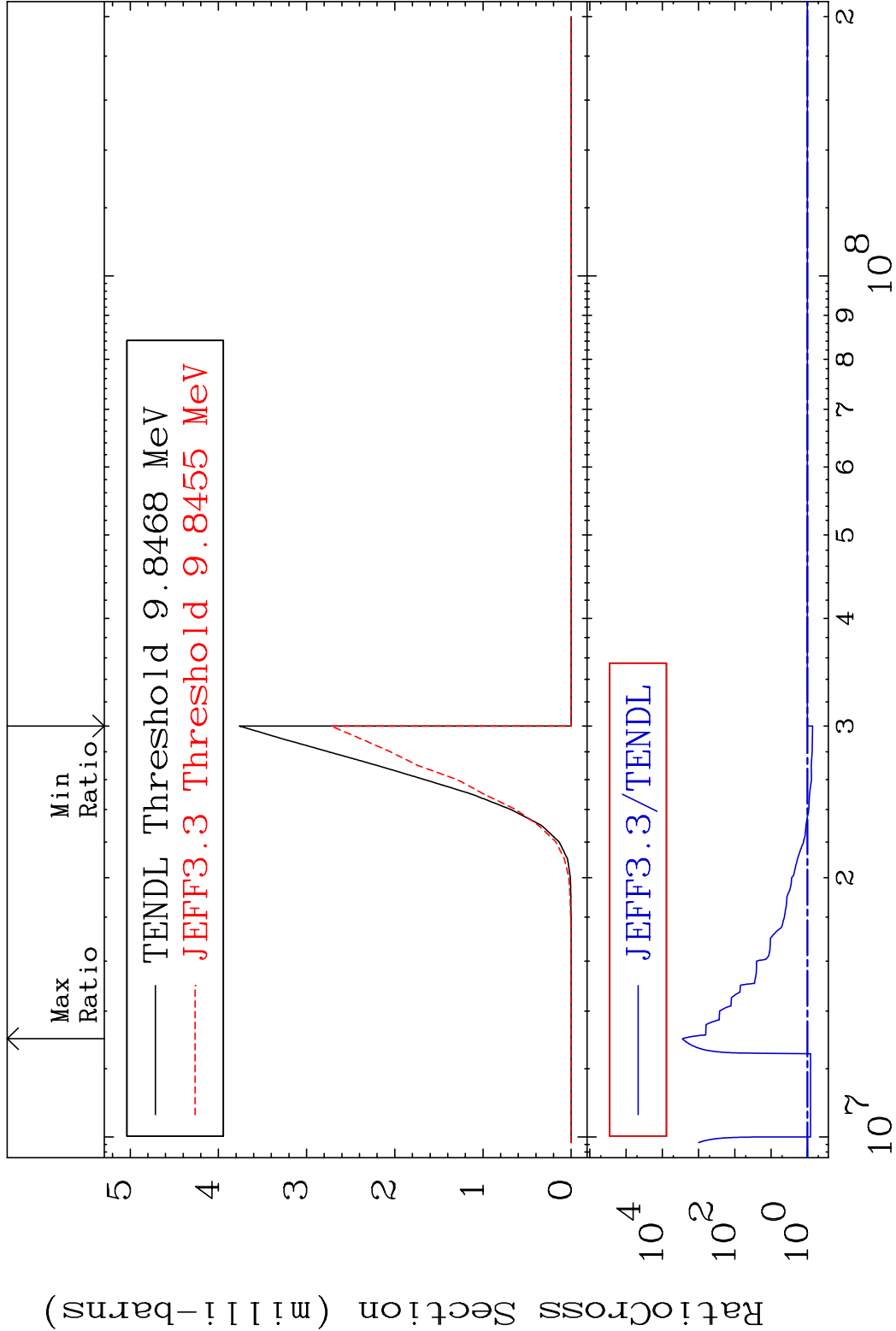


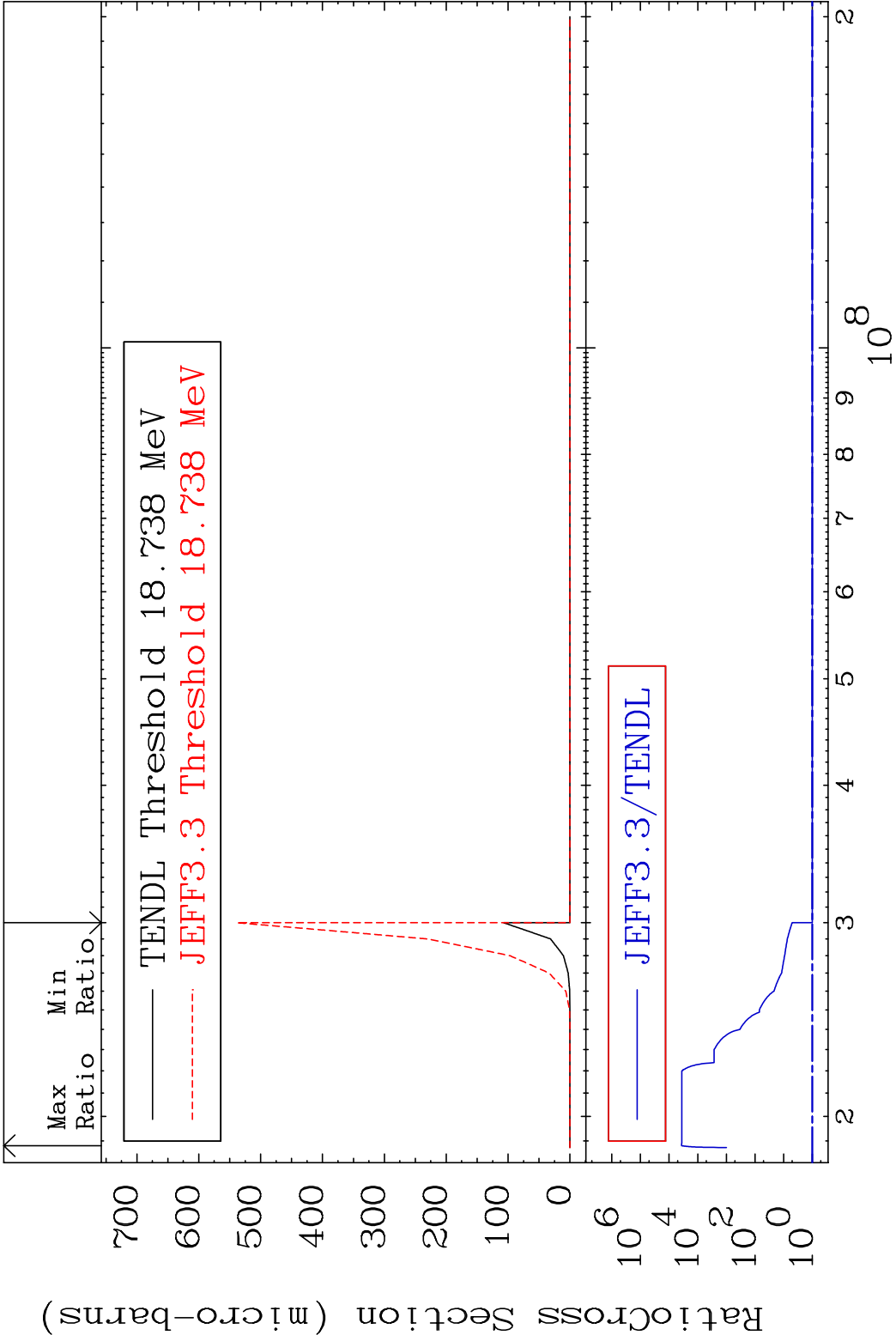


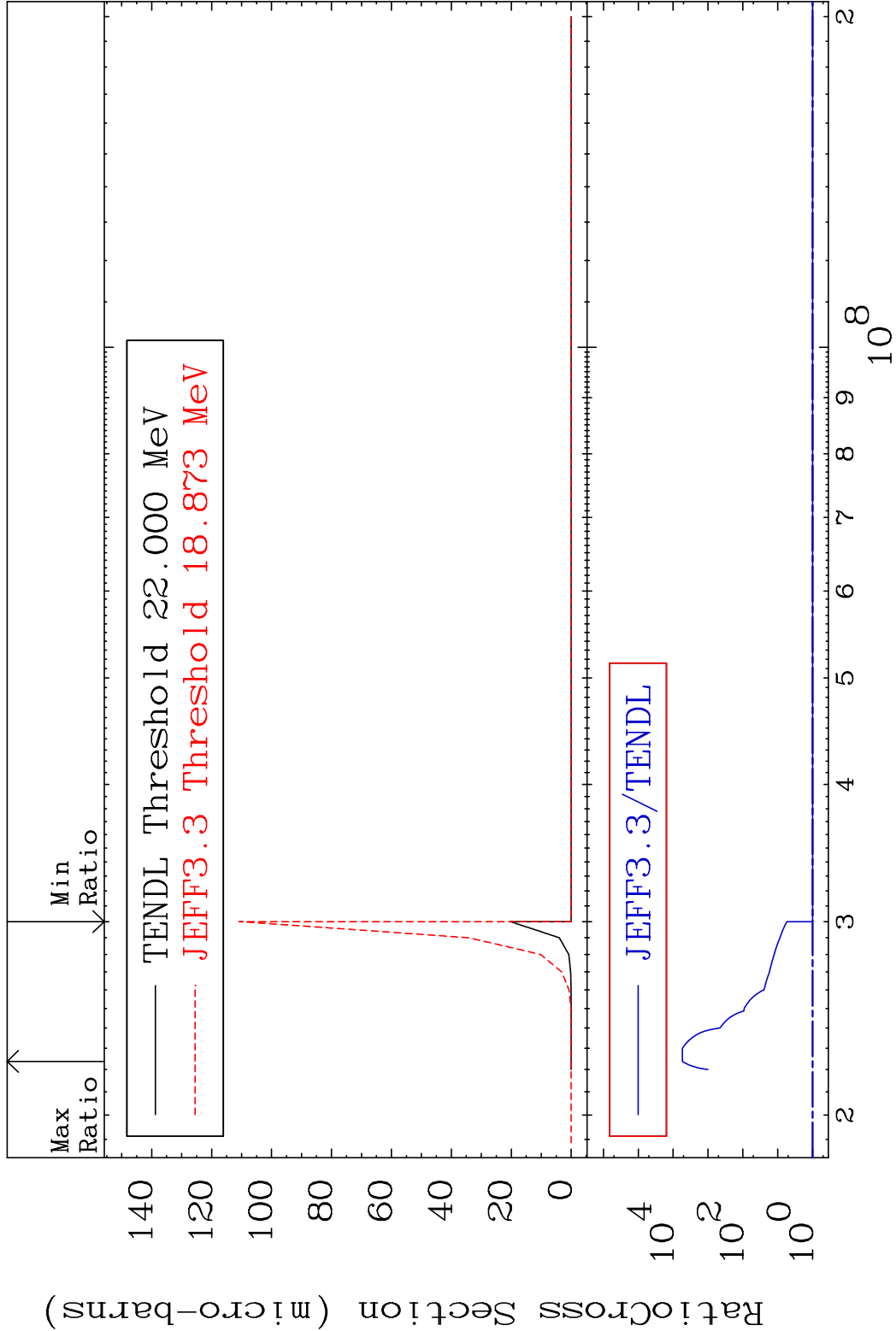


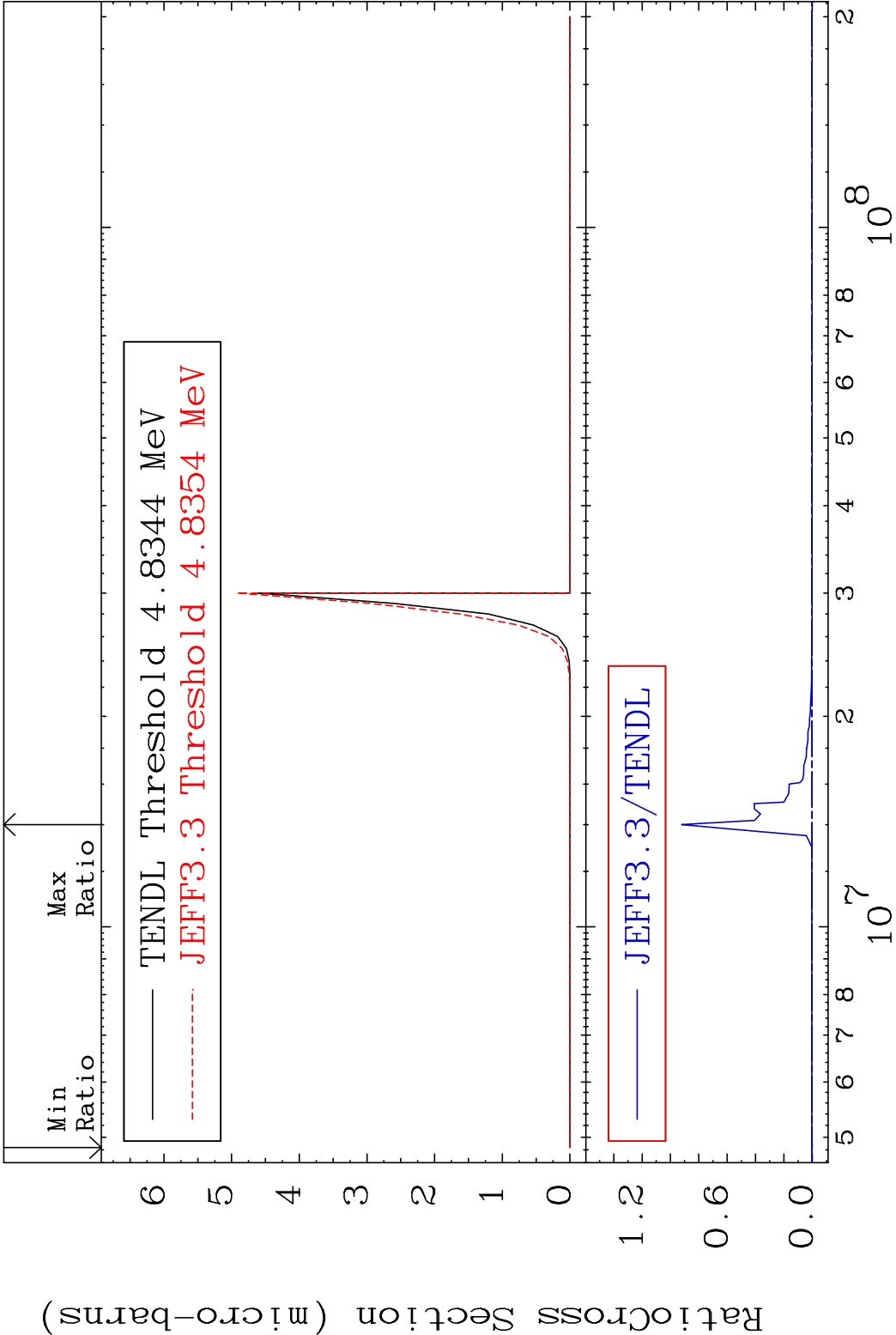


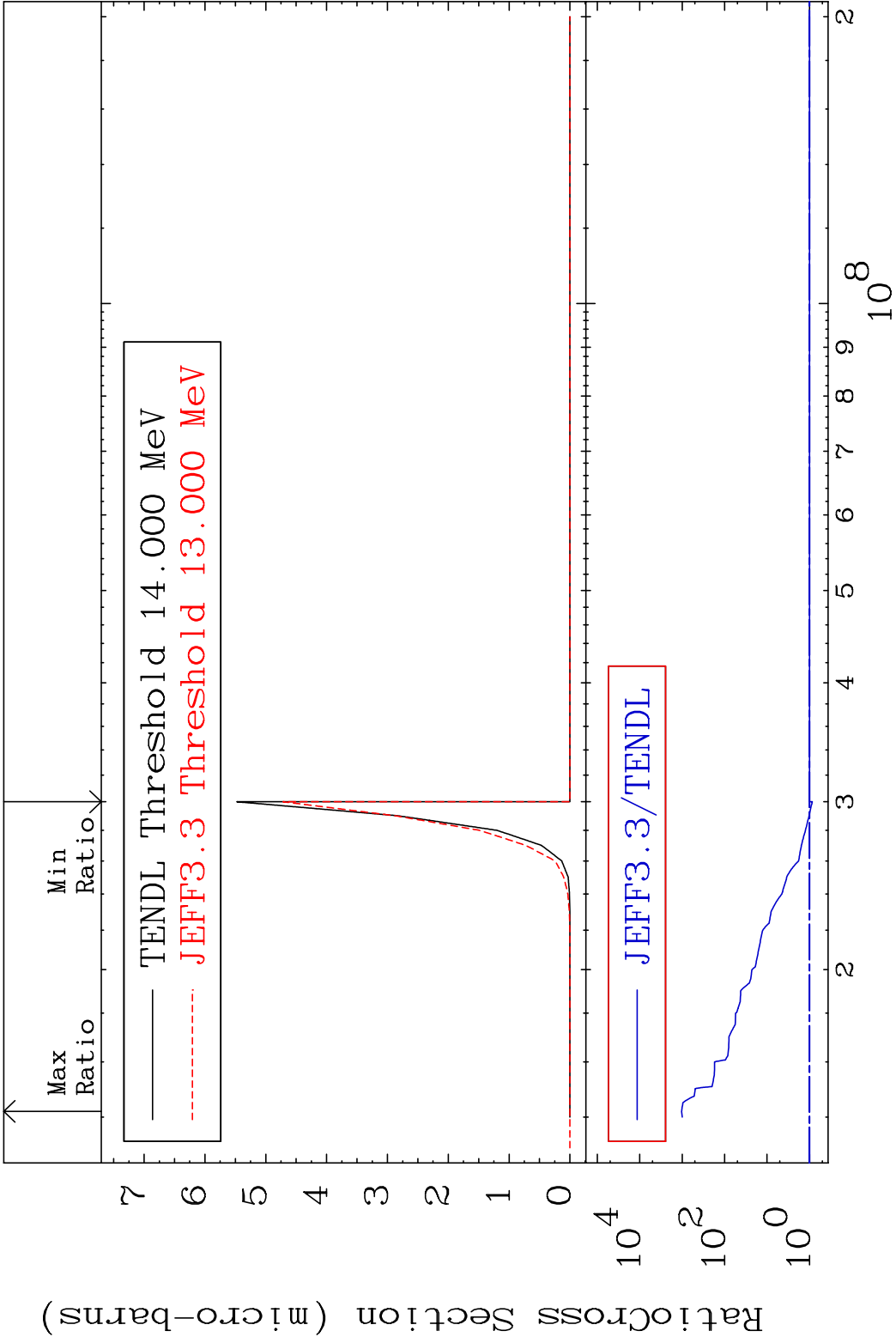


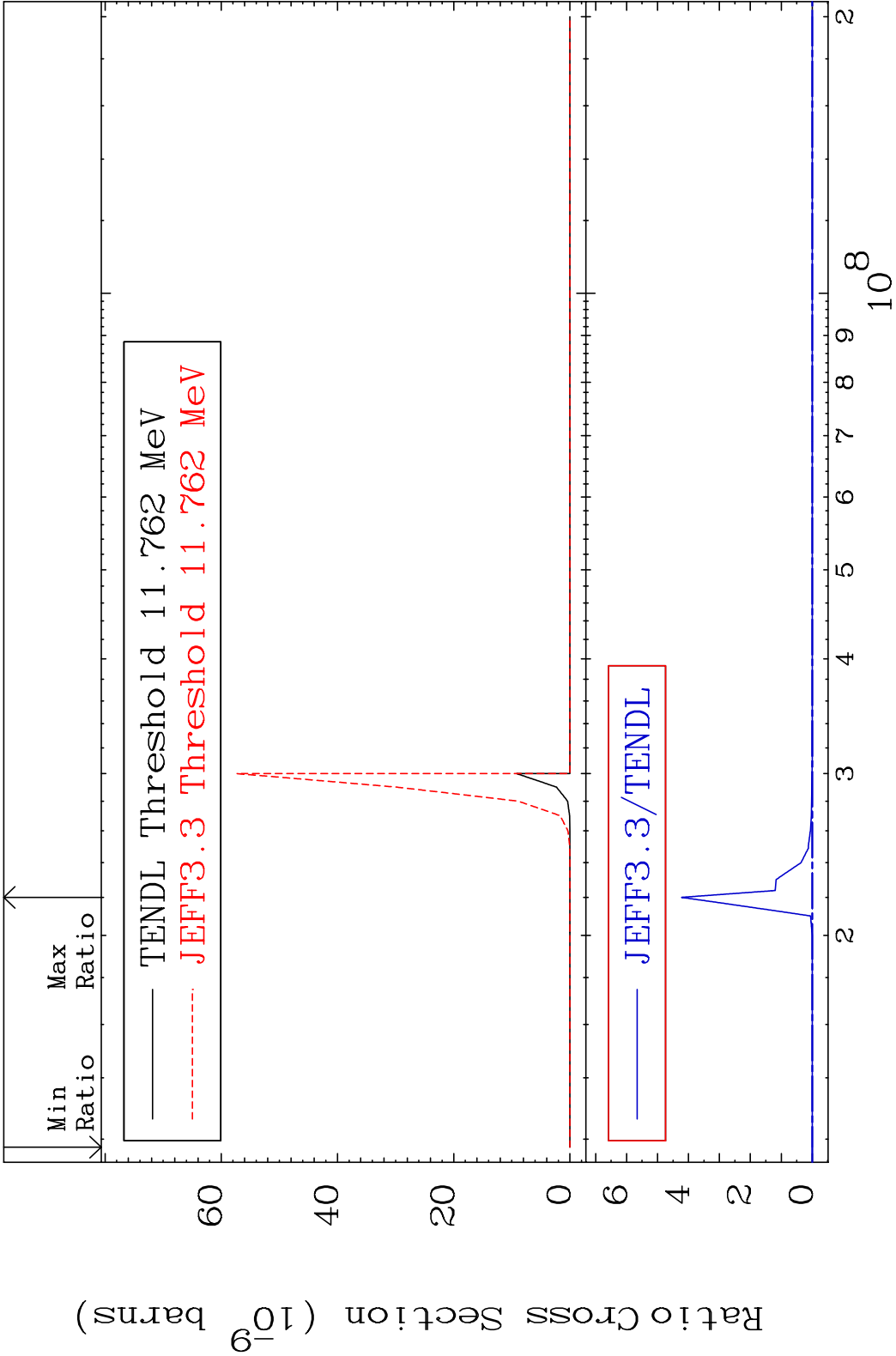












Radionuclide Production Cross Section, %

