

Program Complot
(Version 2021-1)

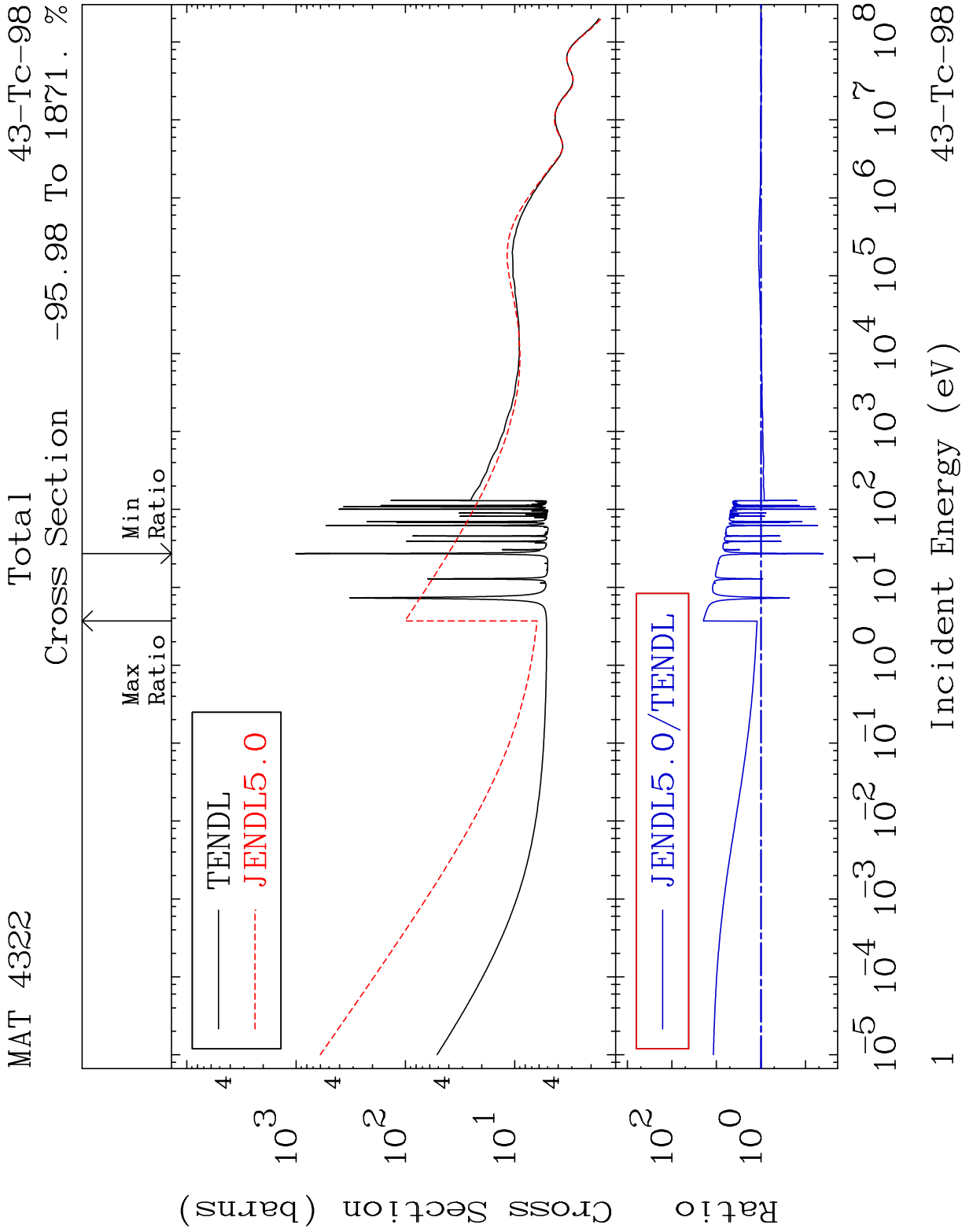
by

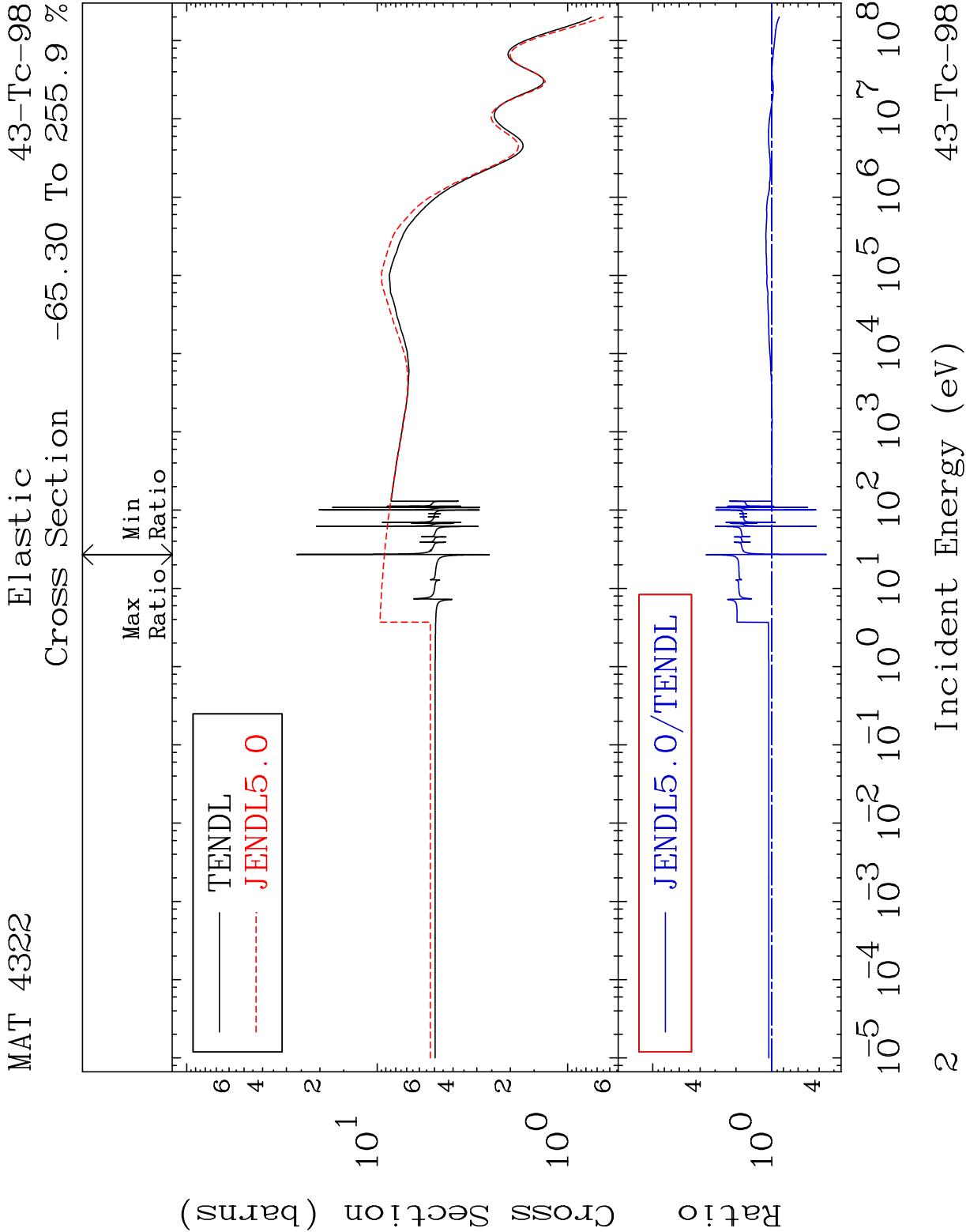
Dermott E. Cullen
(Present Contact Information)

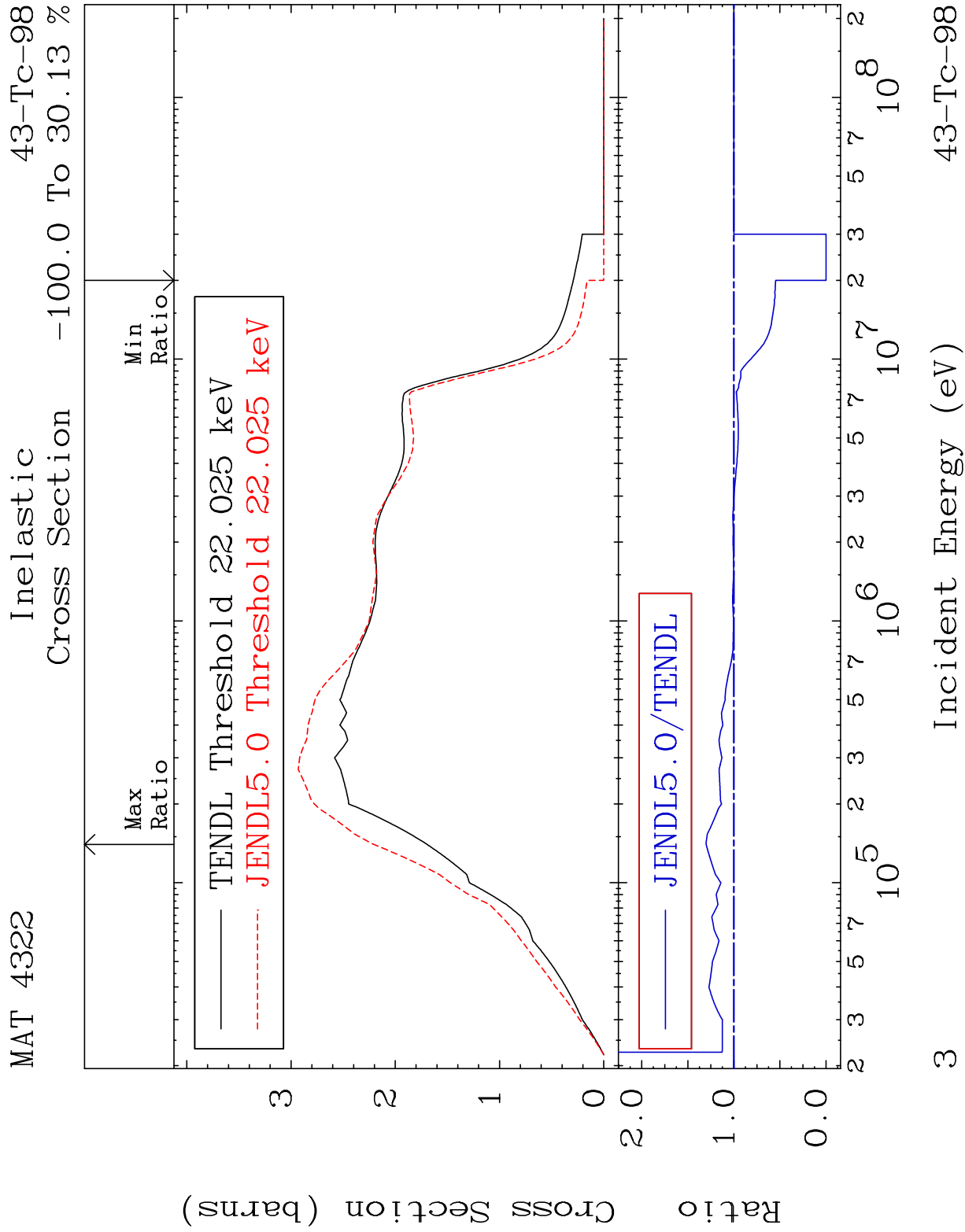
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

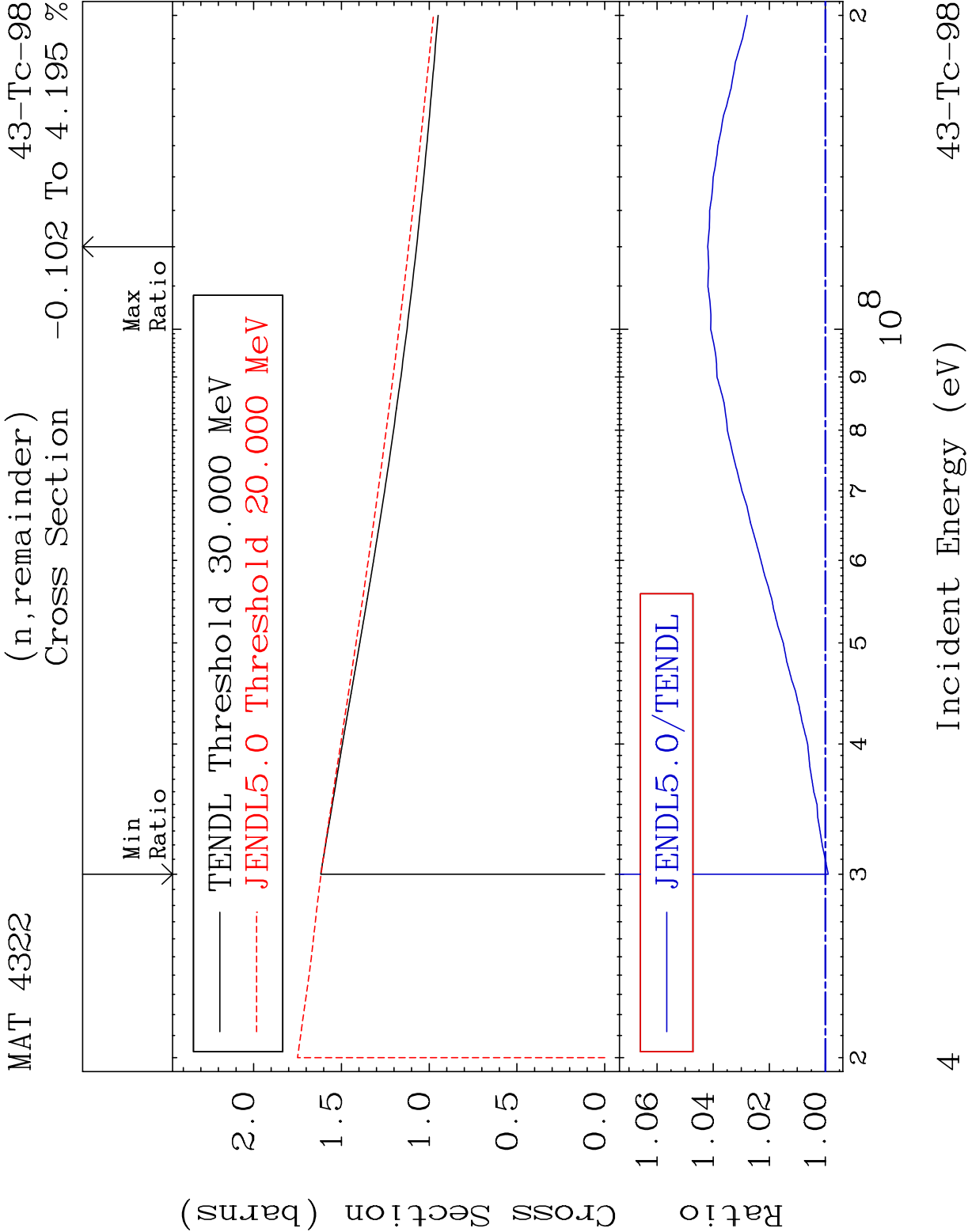
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

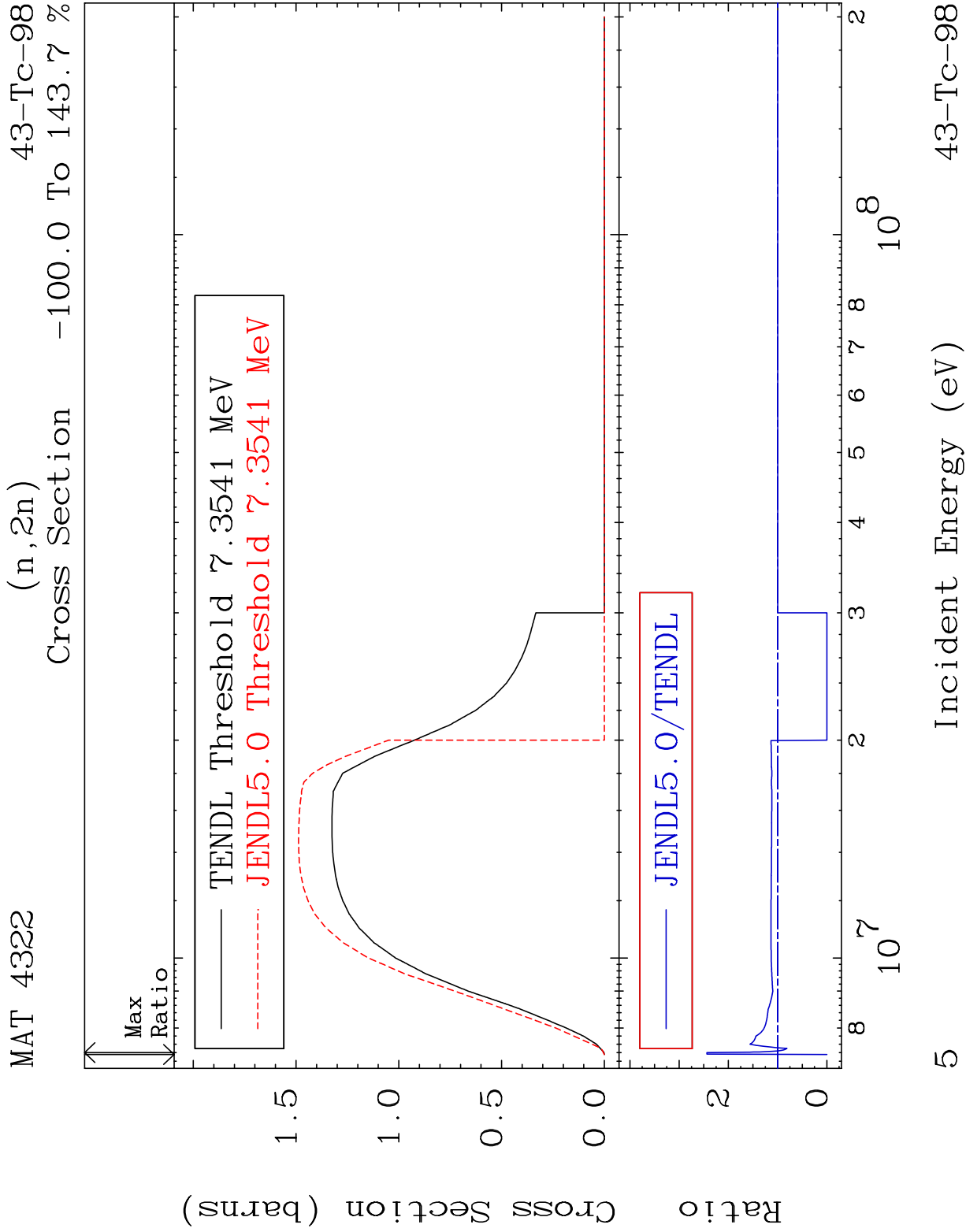
Press Mouse Button to Start









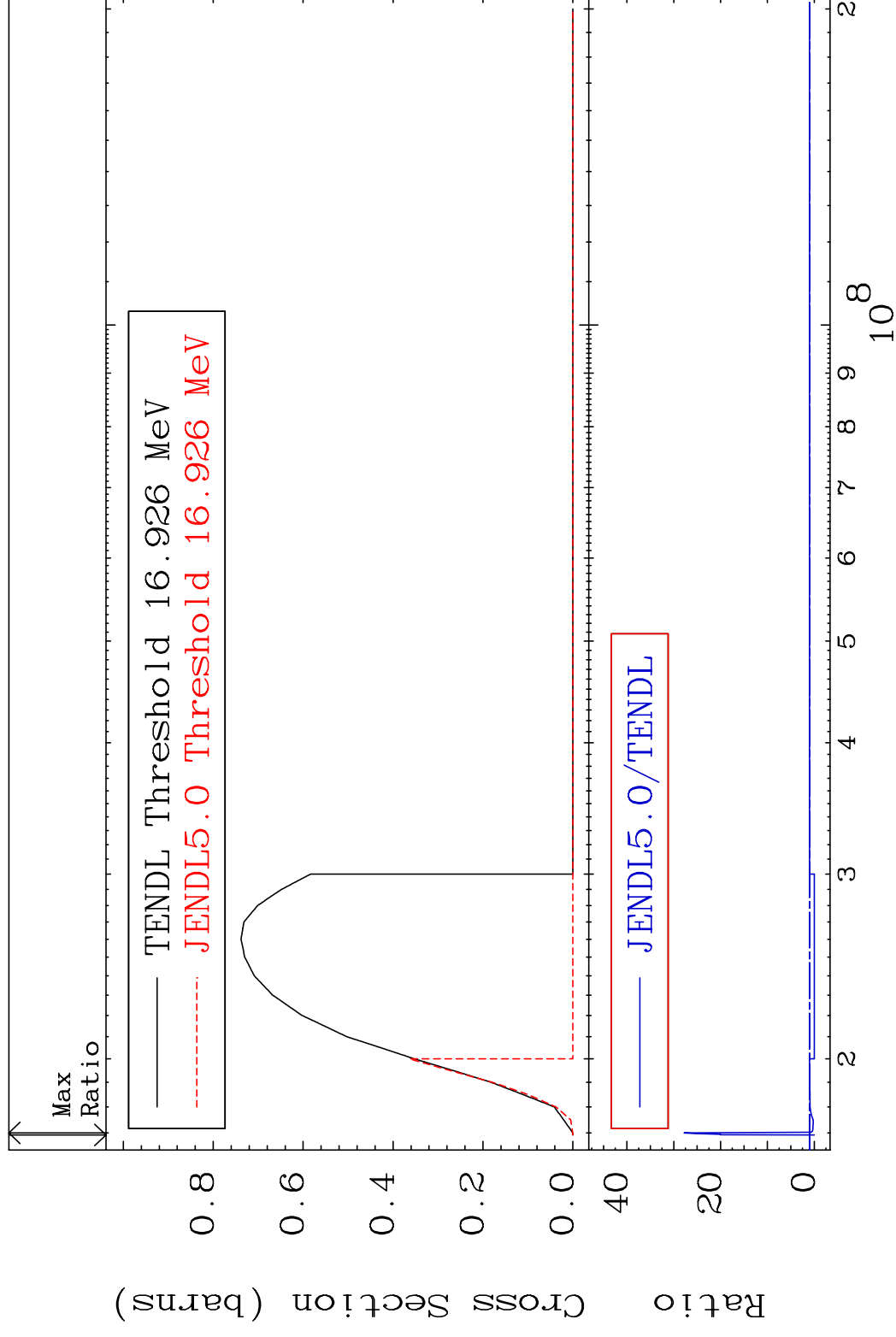


MAT 4322

$$(n, 3n)$$

43-Tc-98

Cross Section -100.0 To 2680. %



TENDL Threshold 16.926 MeV

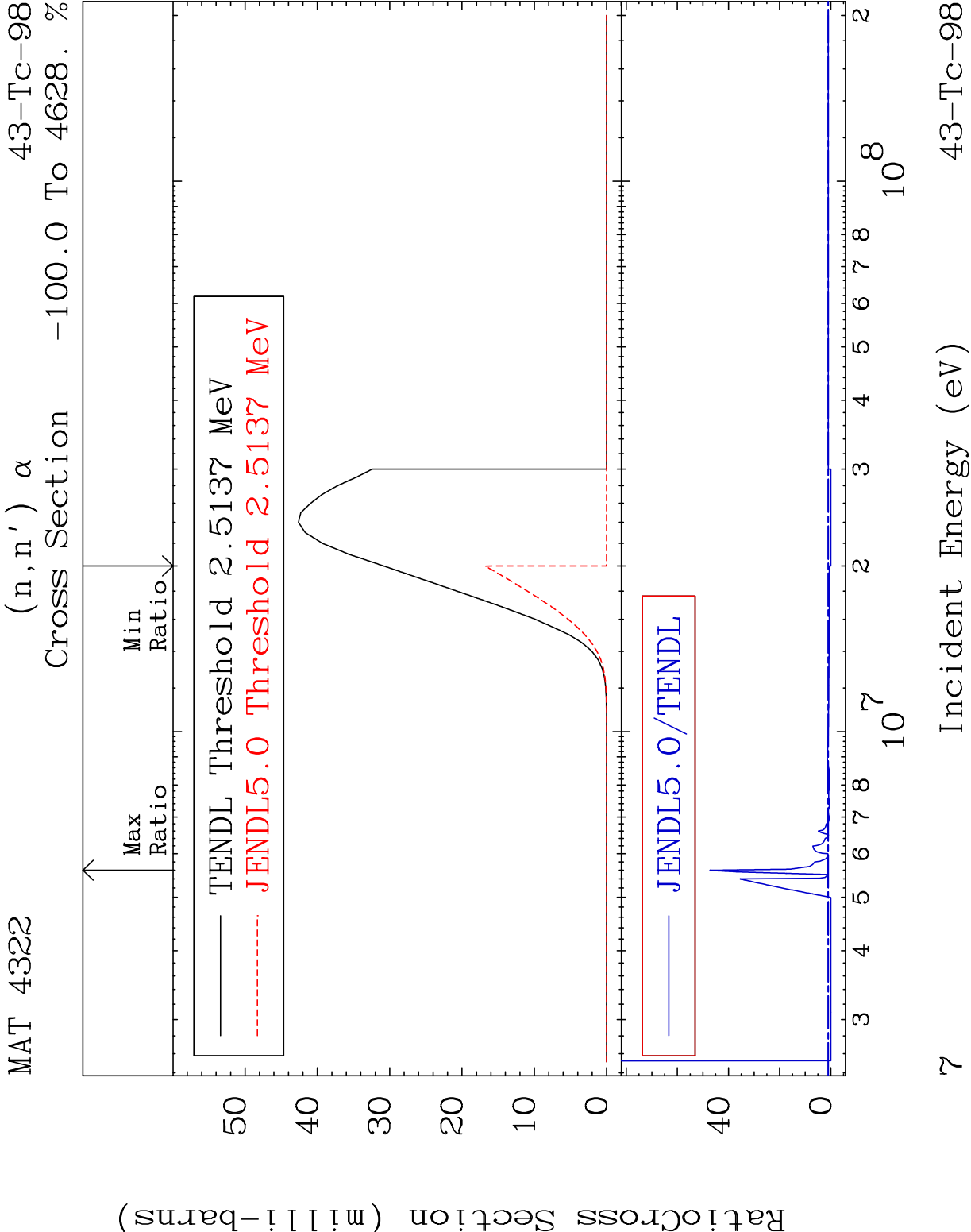
----- JENDL5.0 Threshold 16.926 MeV

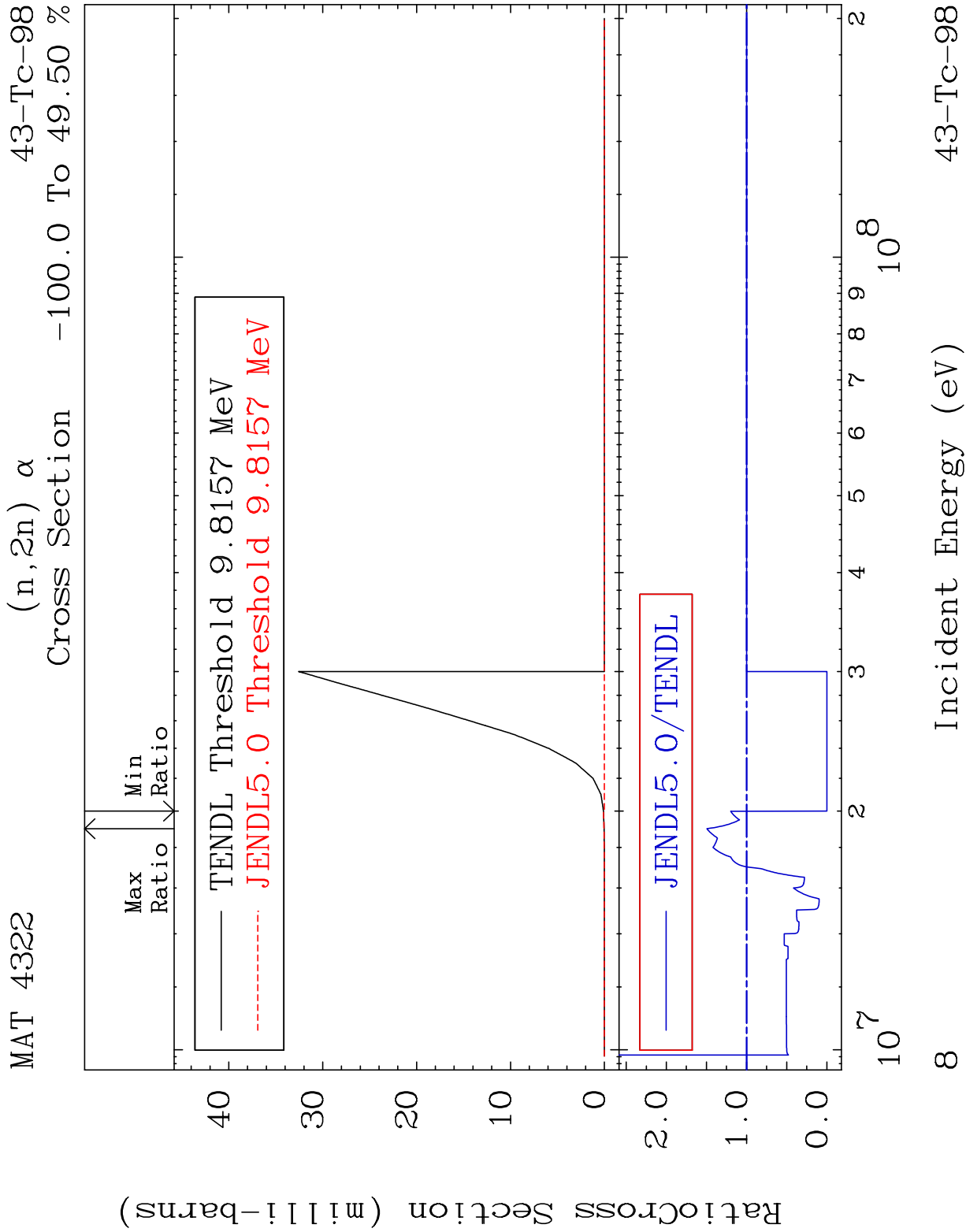
JENDL5.0/TENDL

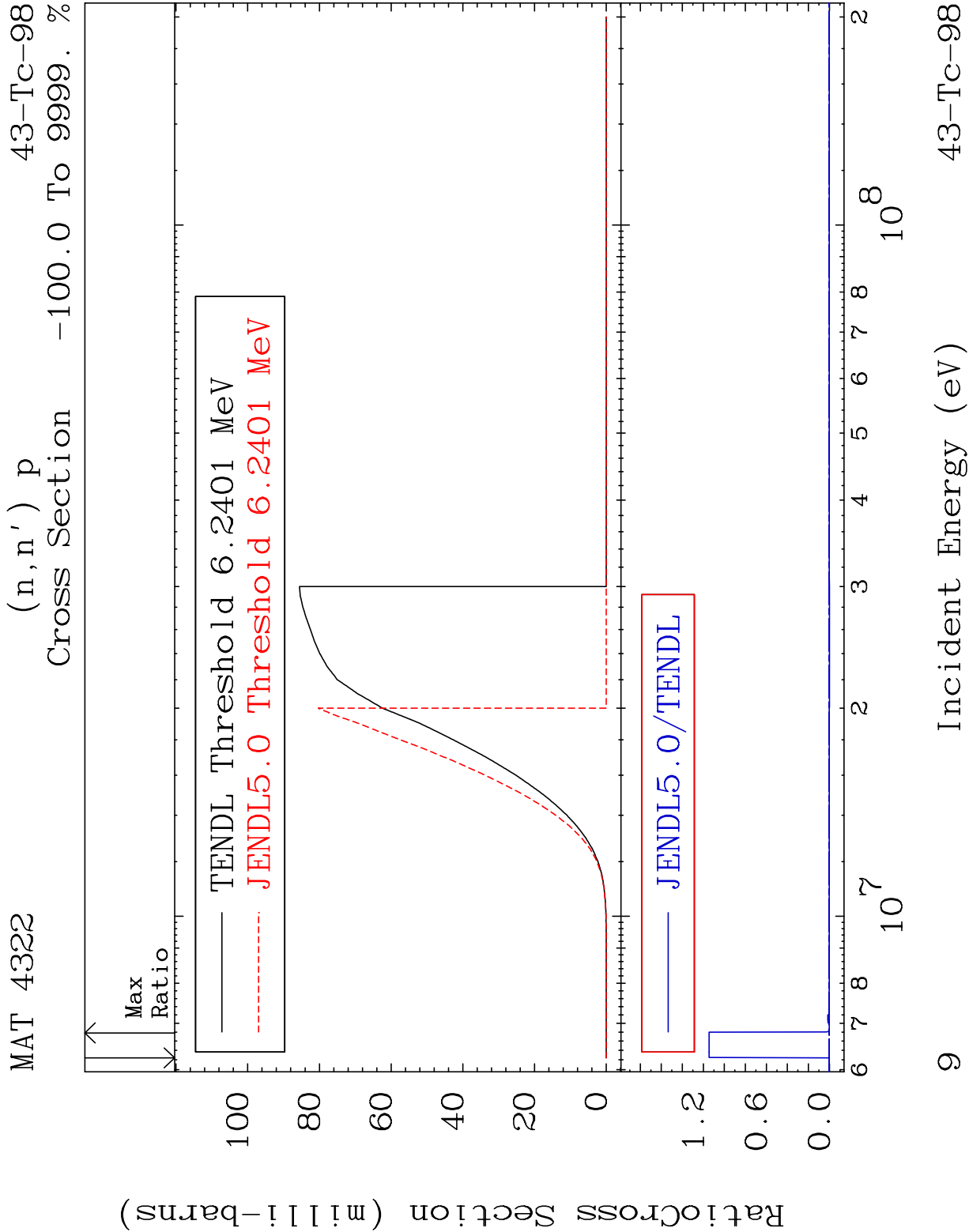
9

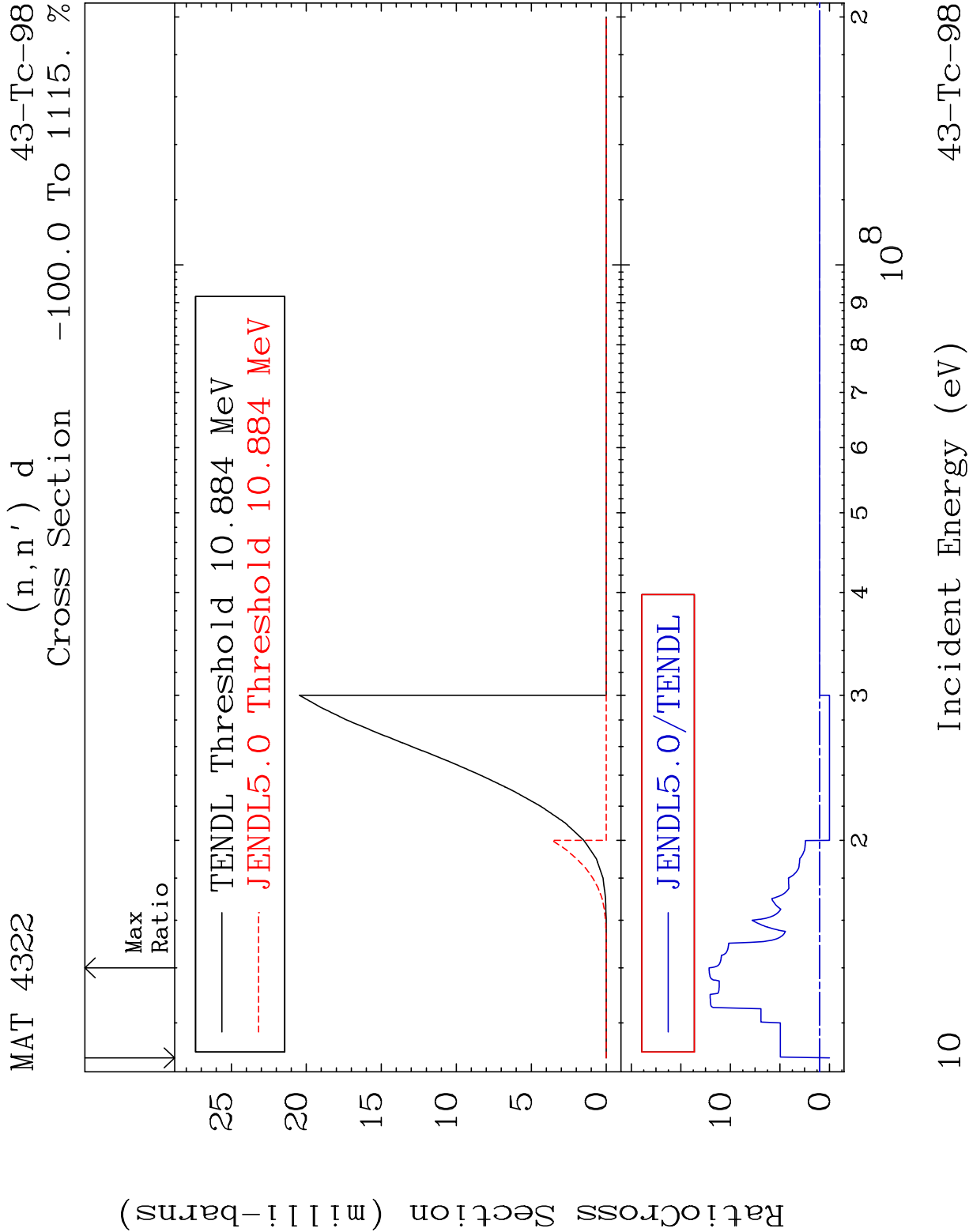
Incident Energy (eV)

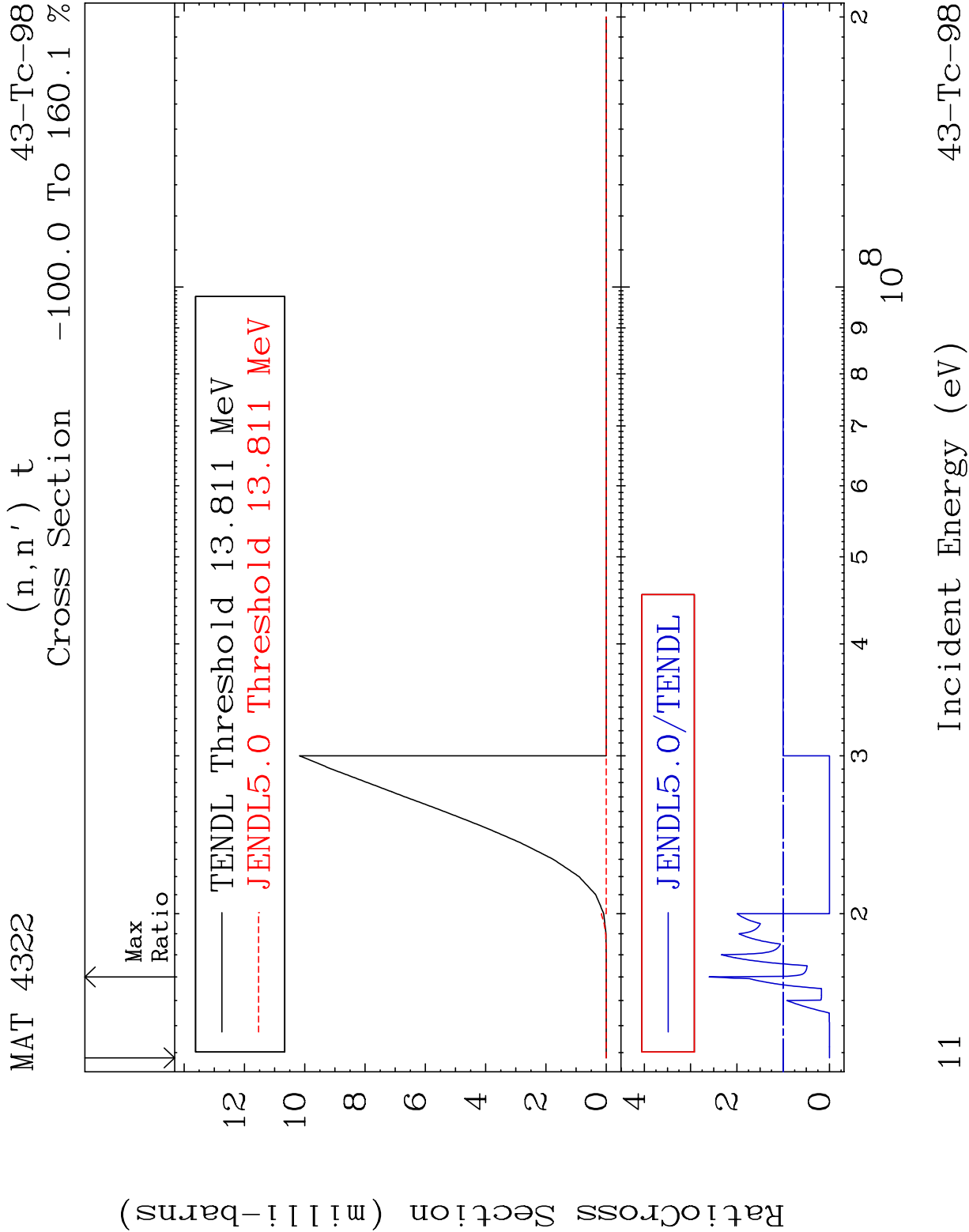
43-Tc-98

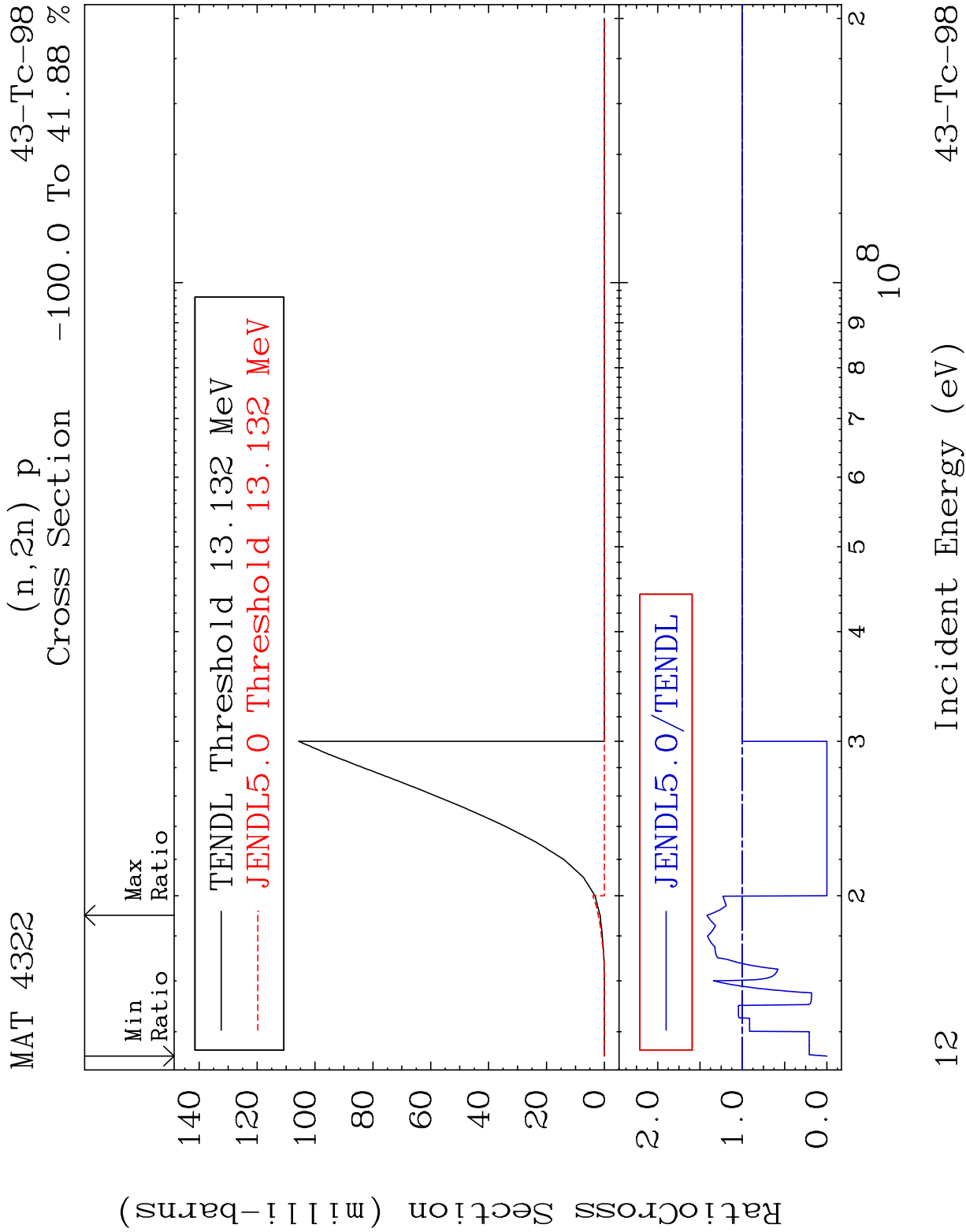




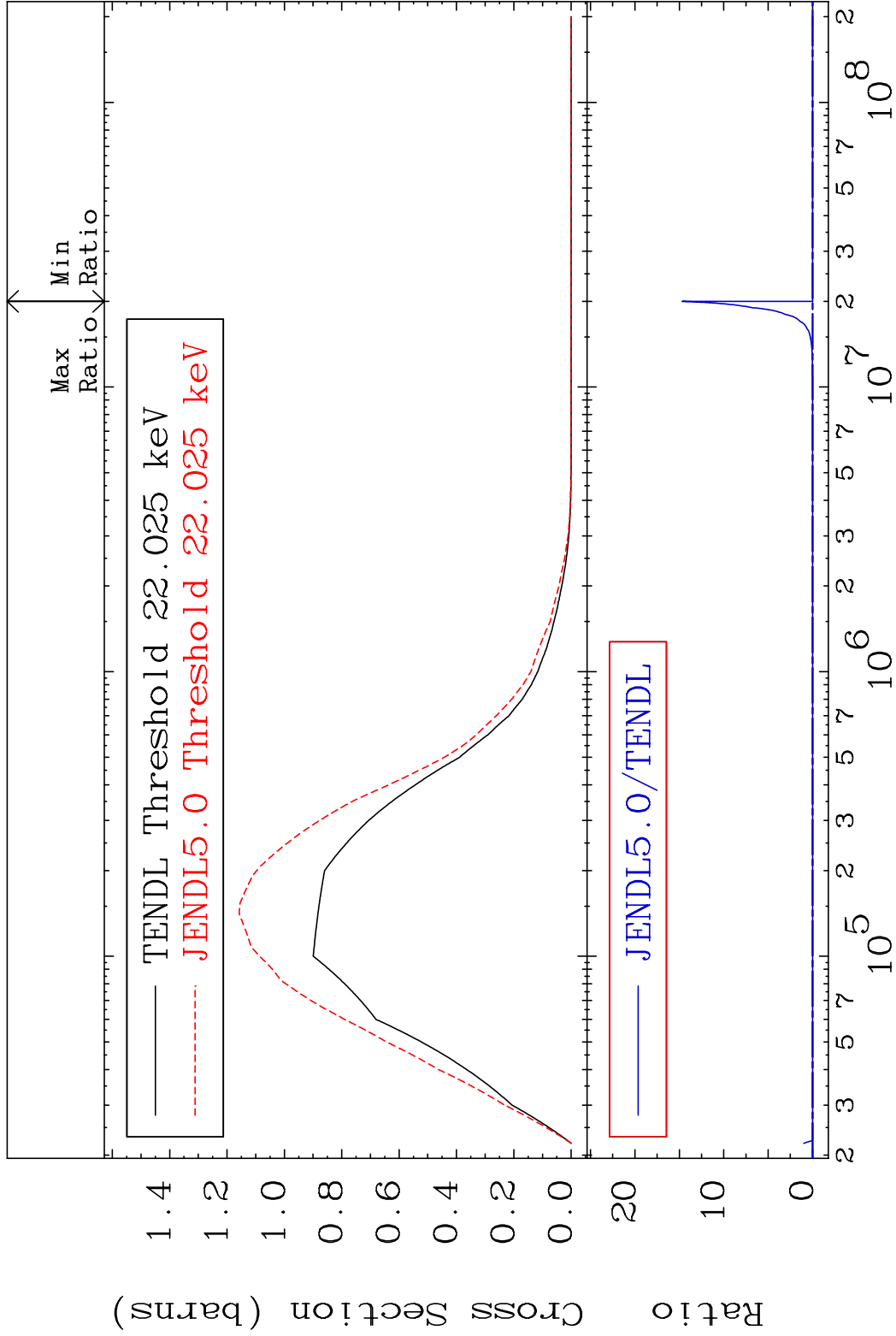






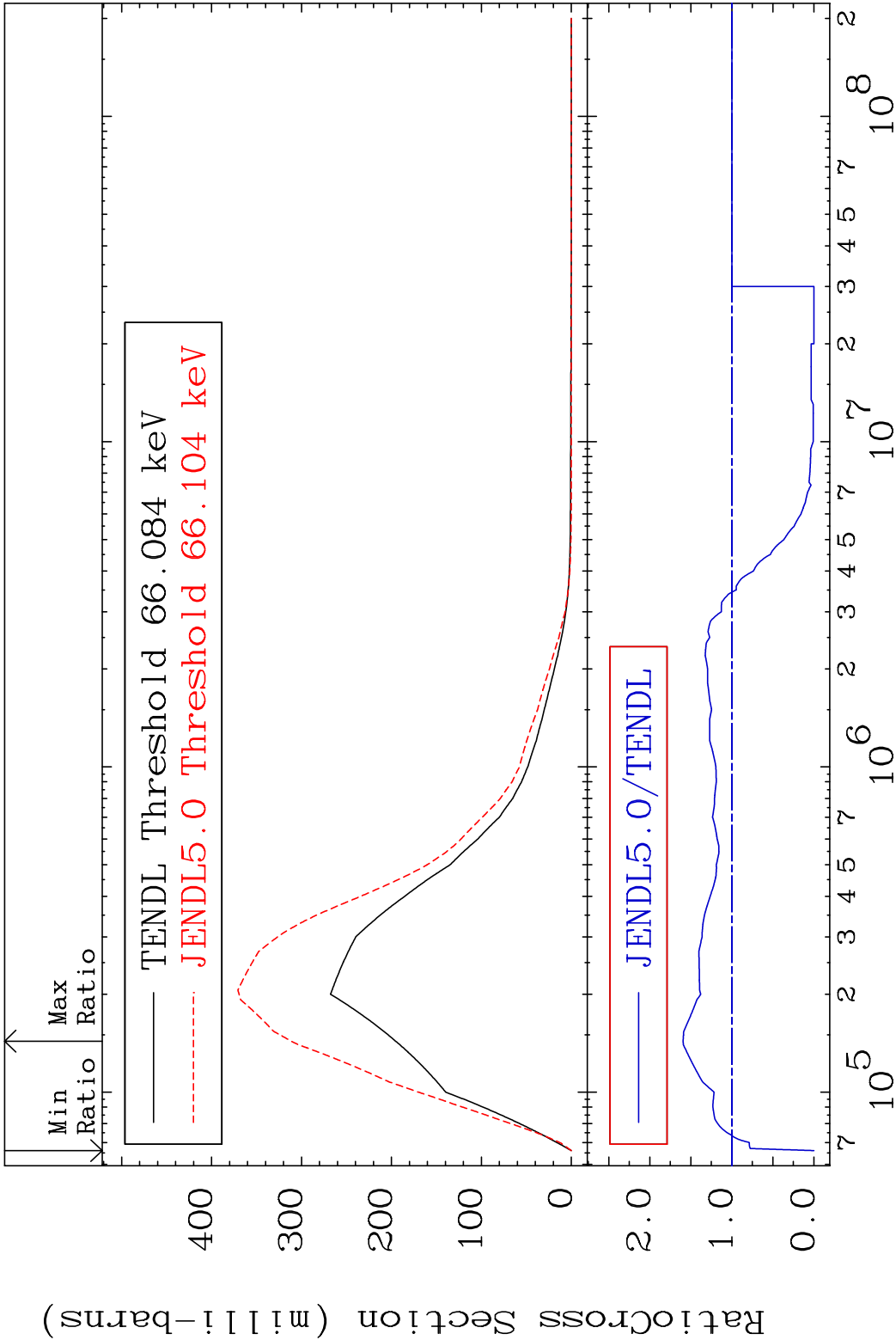


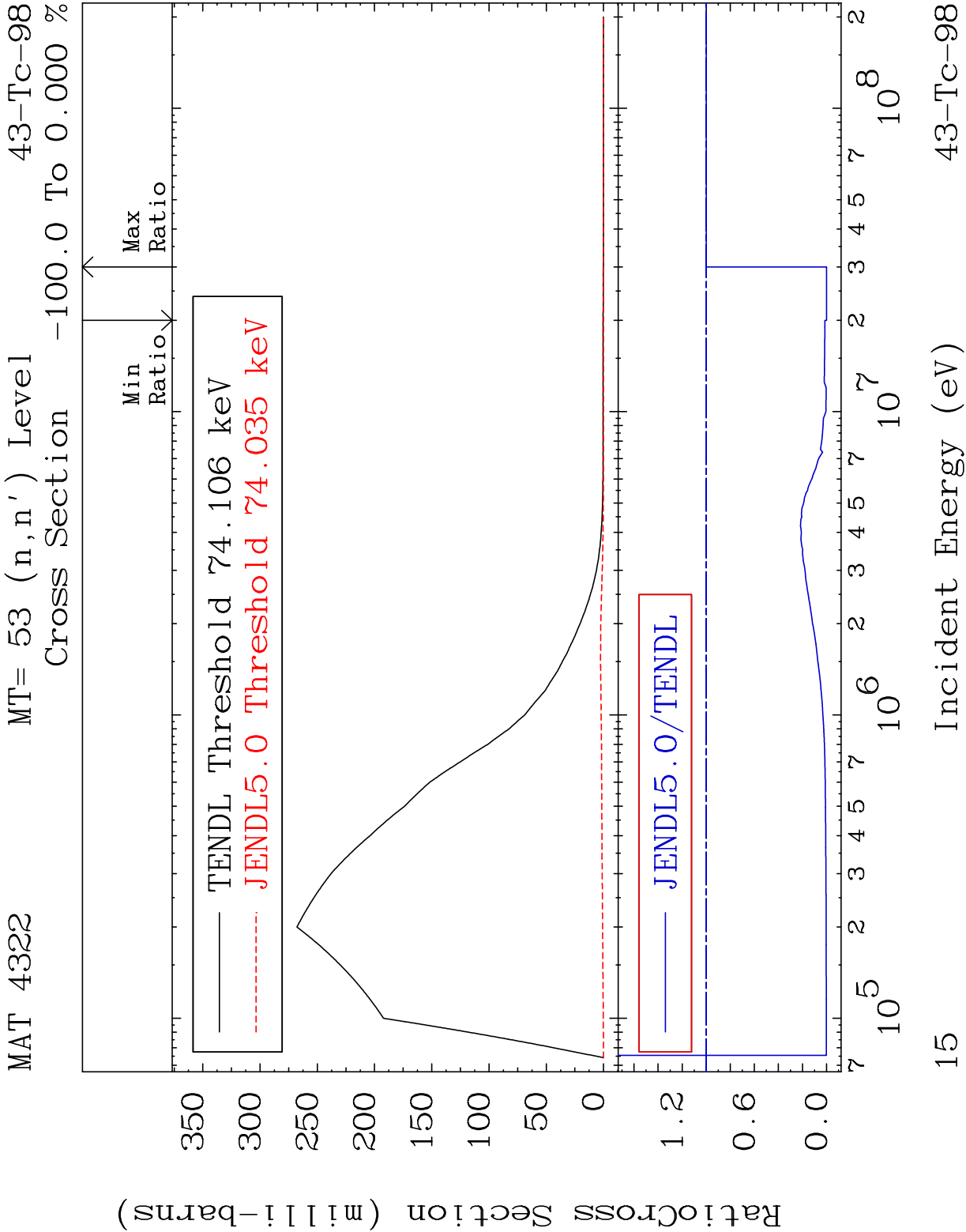
MAT 4322 MT= 51 (n,n') Level 43-Tc-98
Cross Section -100.0 To 9999. %

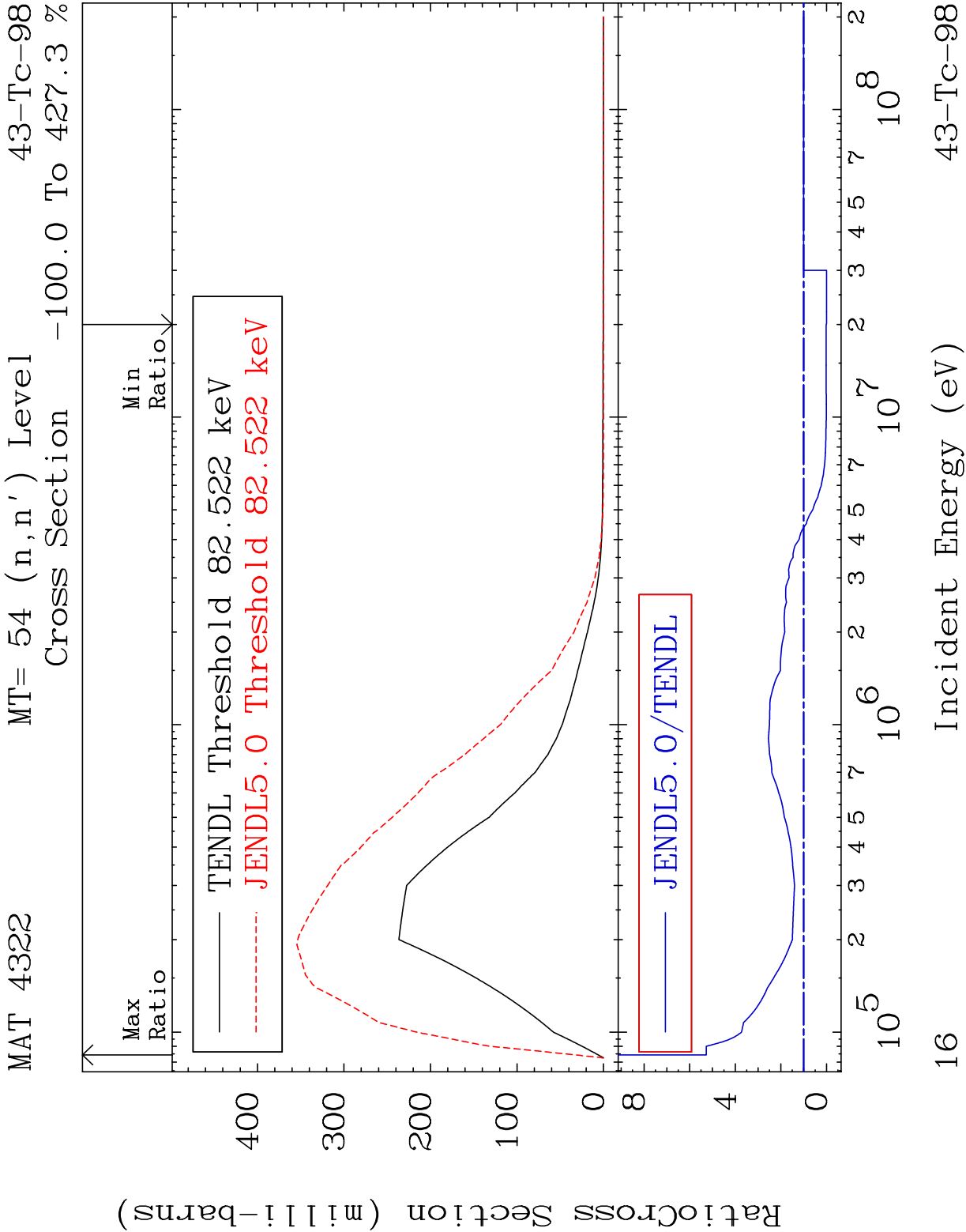


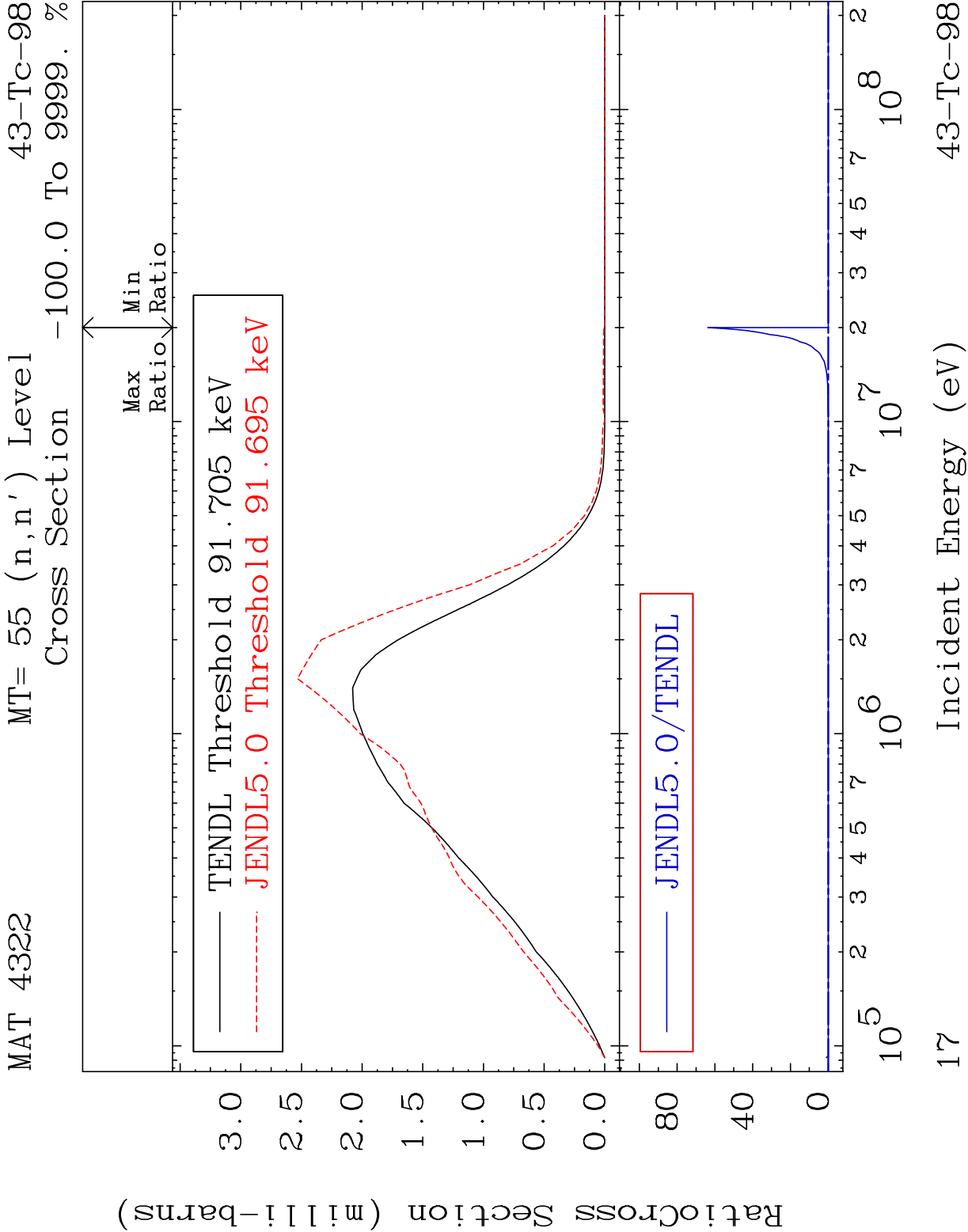
13 Incident Energy (eV) 43-Tc-98

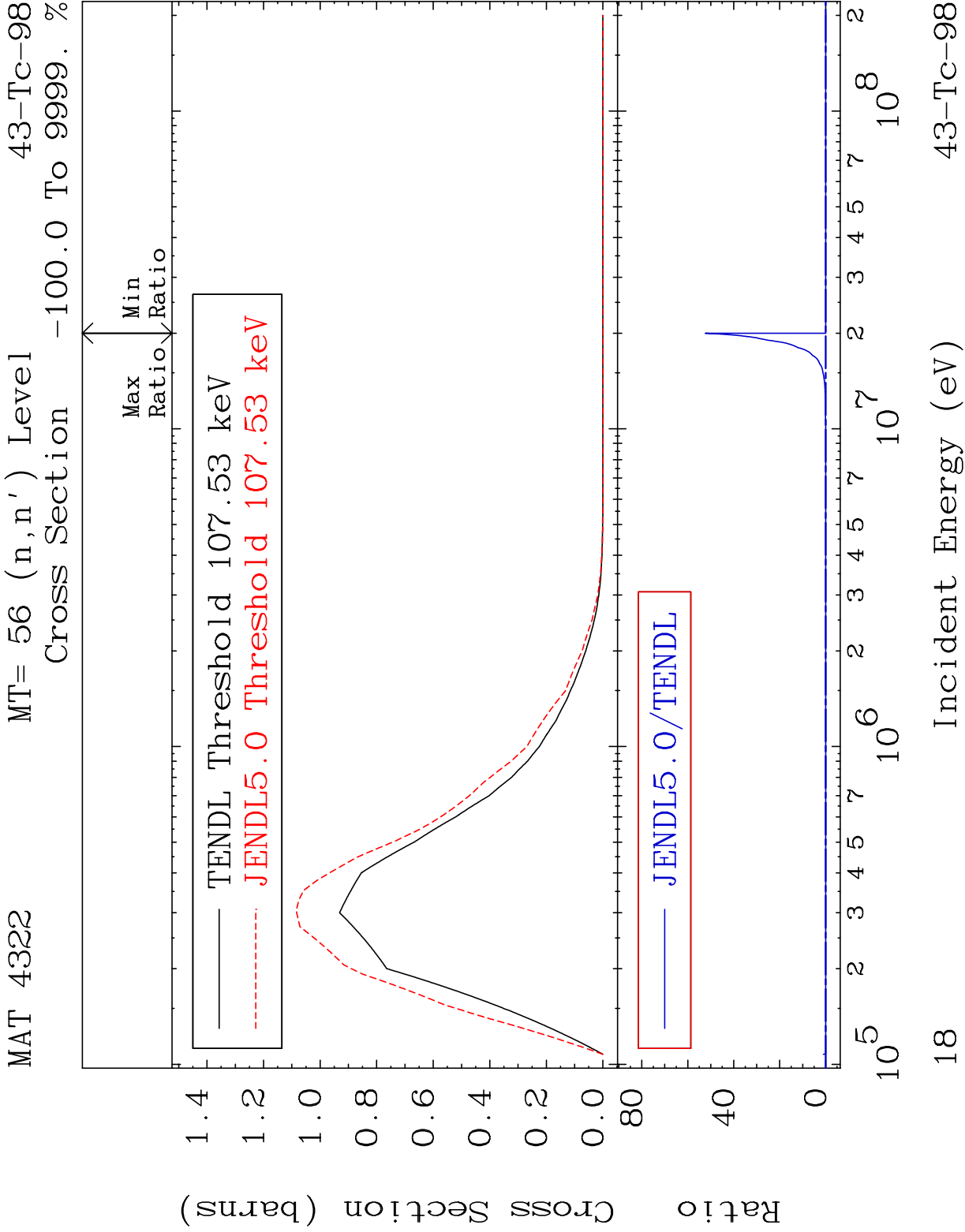
MAT 4322 MT= 52 (n,n') Level 43-Tc-98
Cross Section -100.0 To 59.50 %

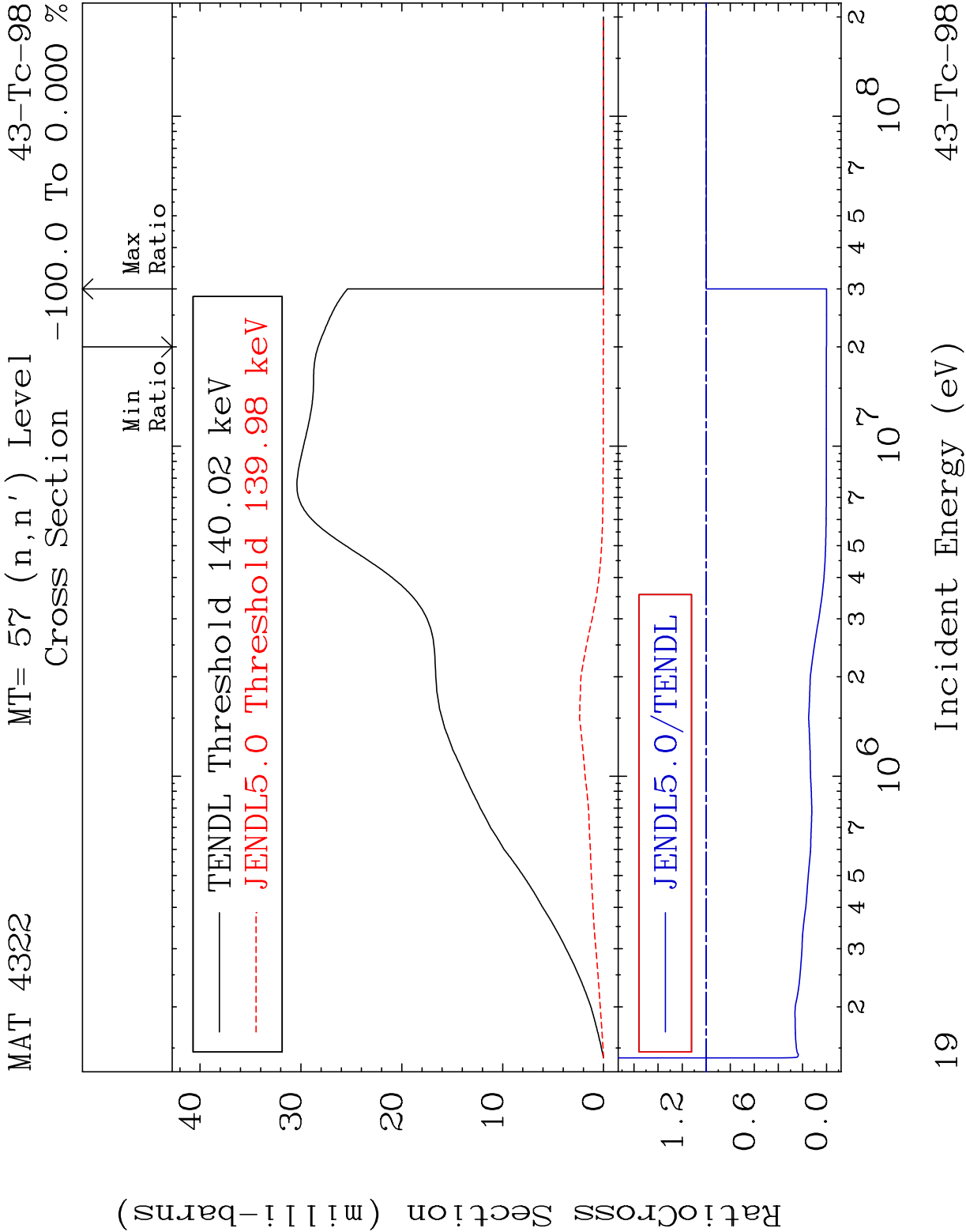


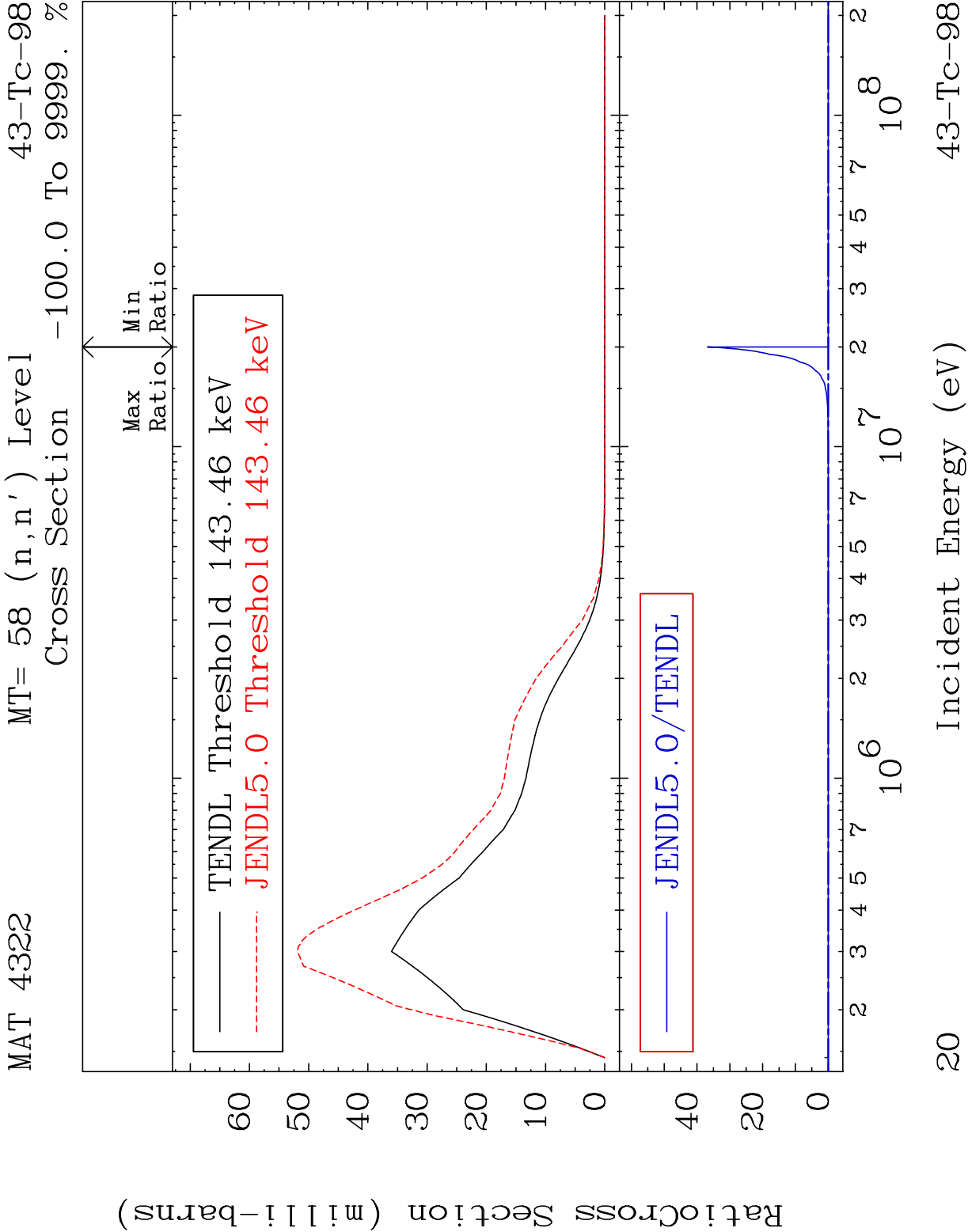


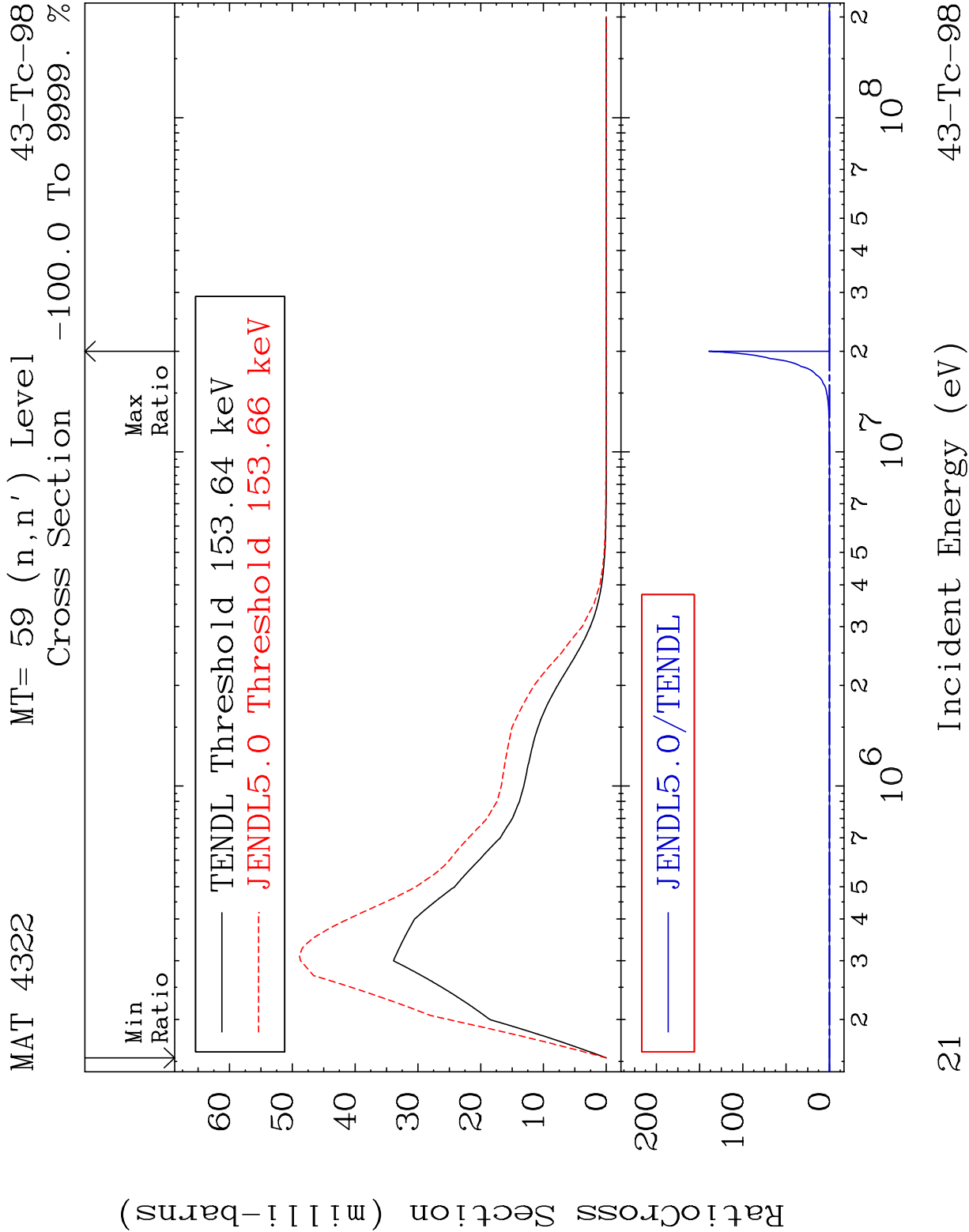






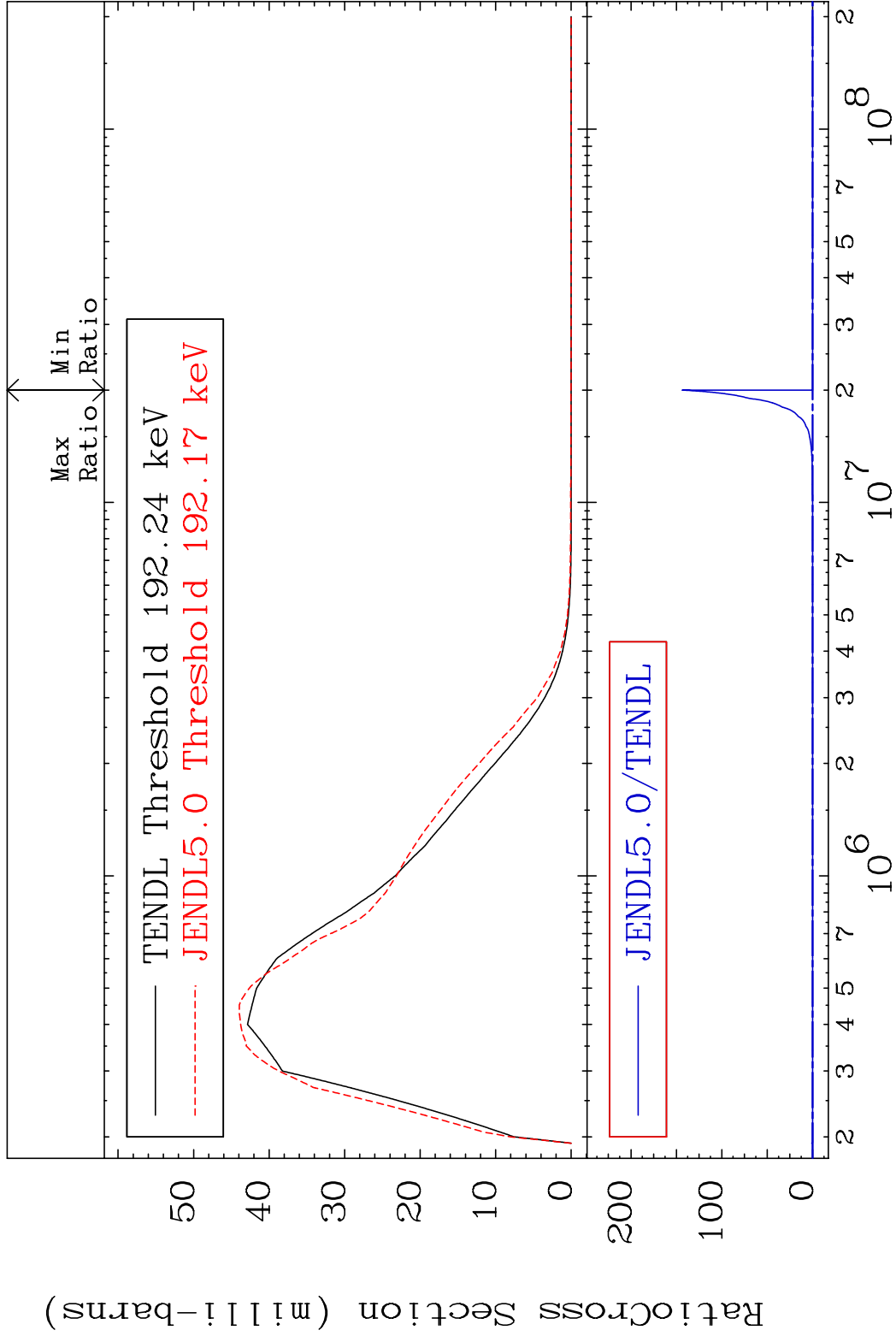




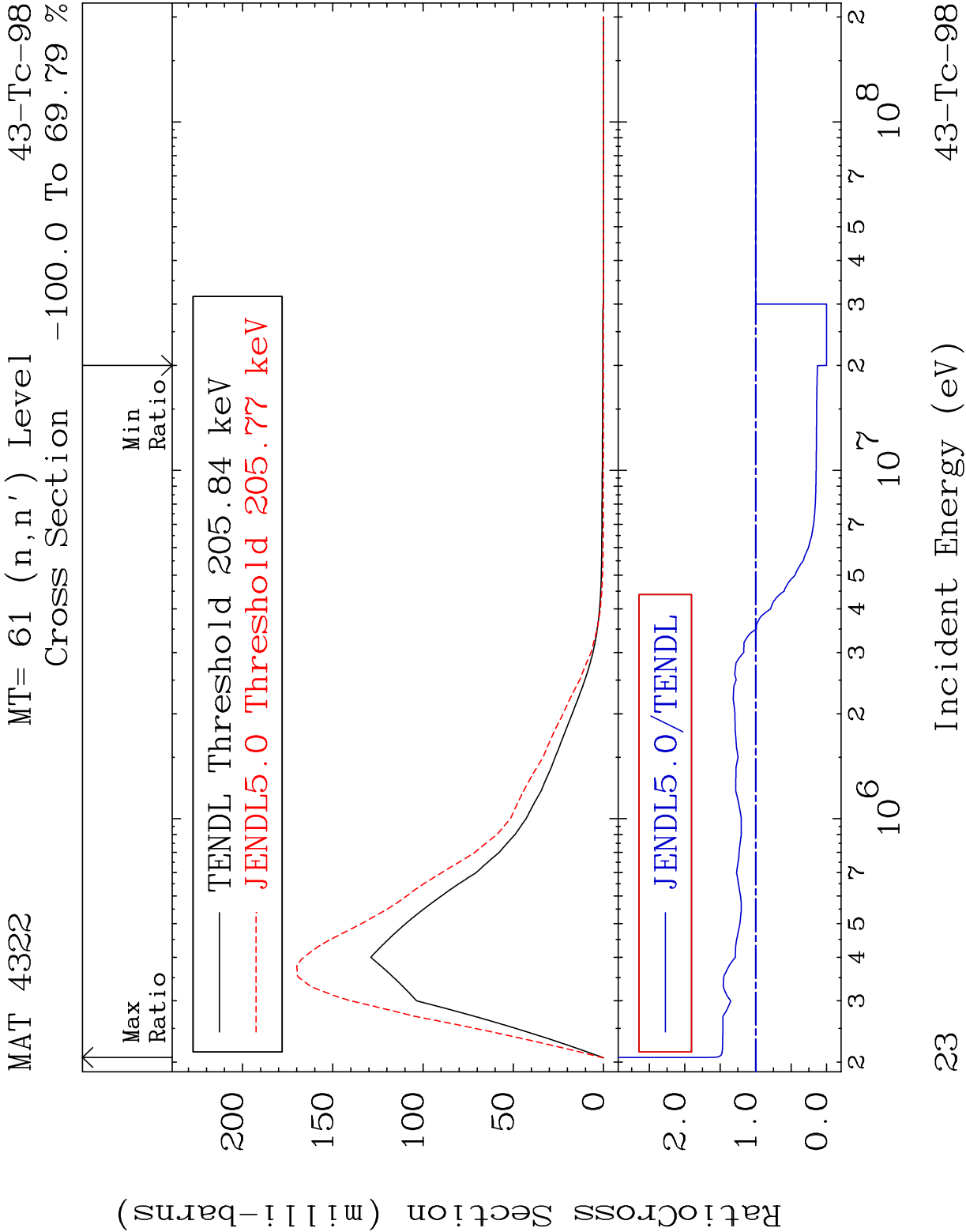


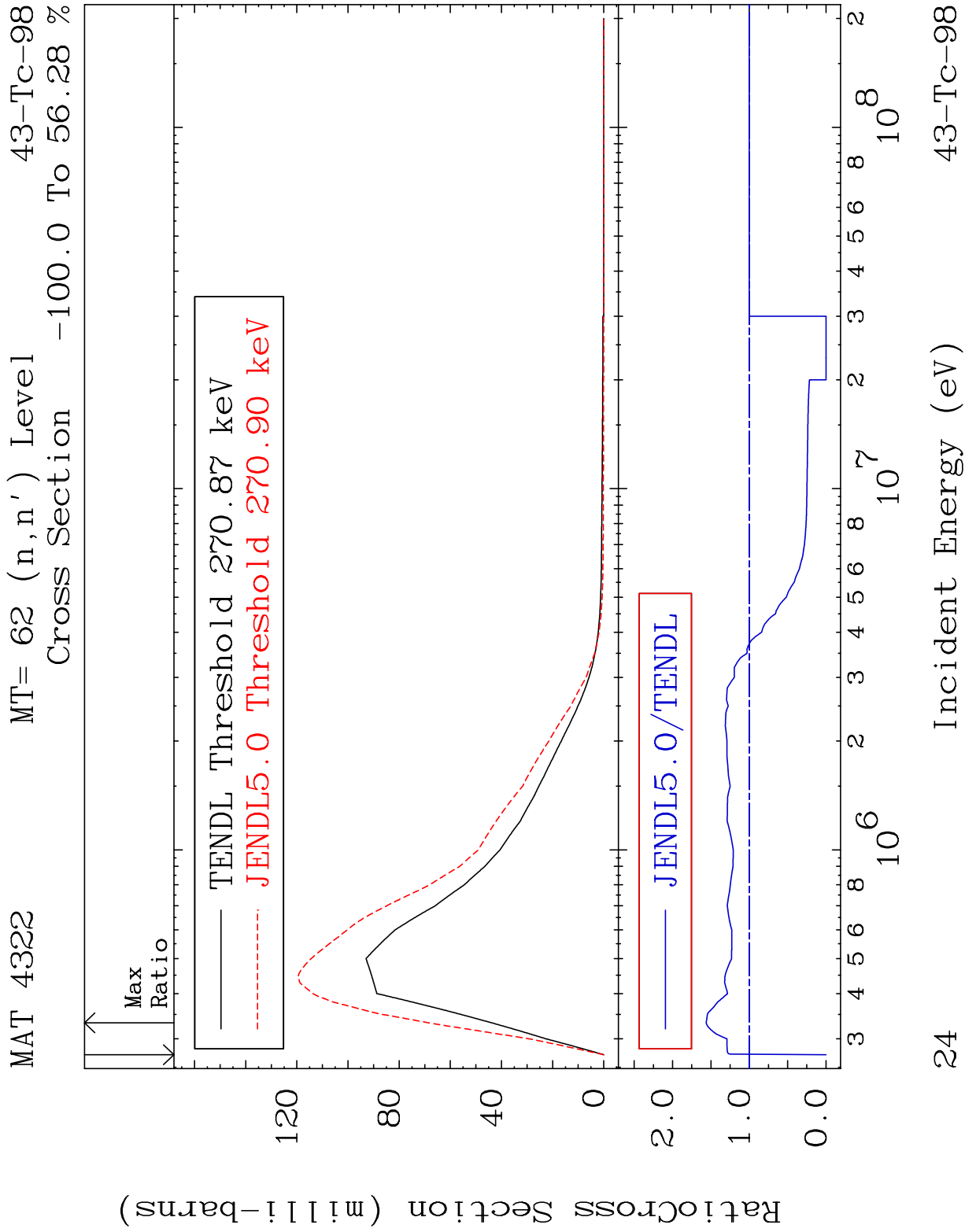
MAT 4322 MT= 60 (n,n') Level 43-Tc-98

Cross Section -100.0 To 9999. %

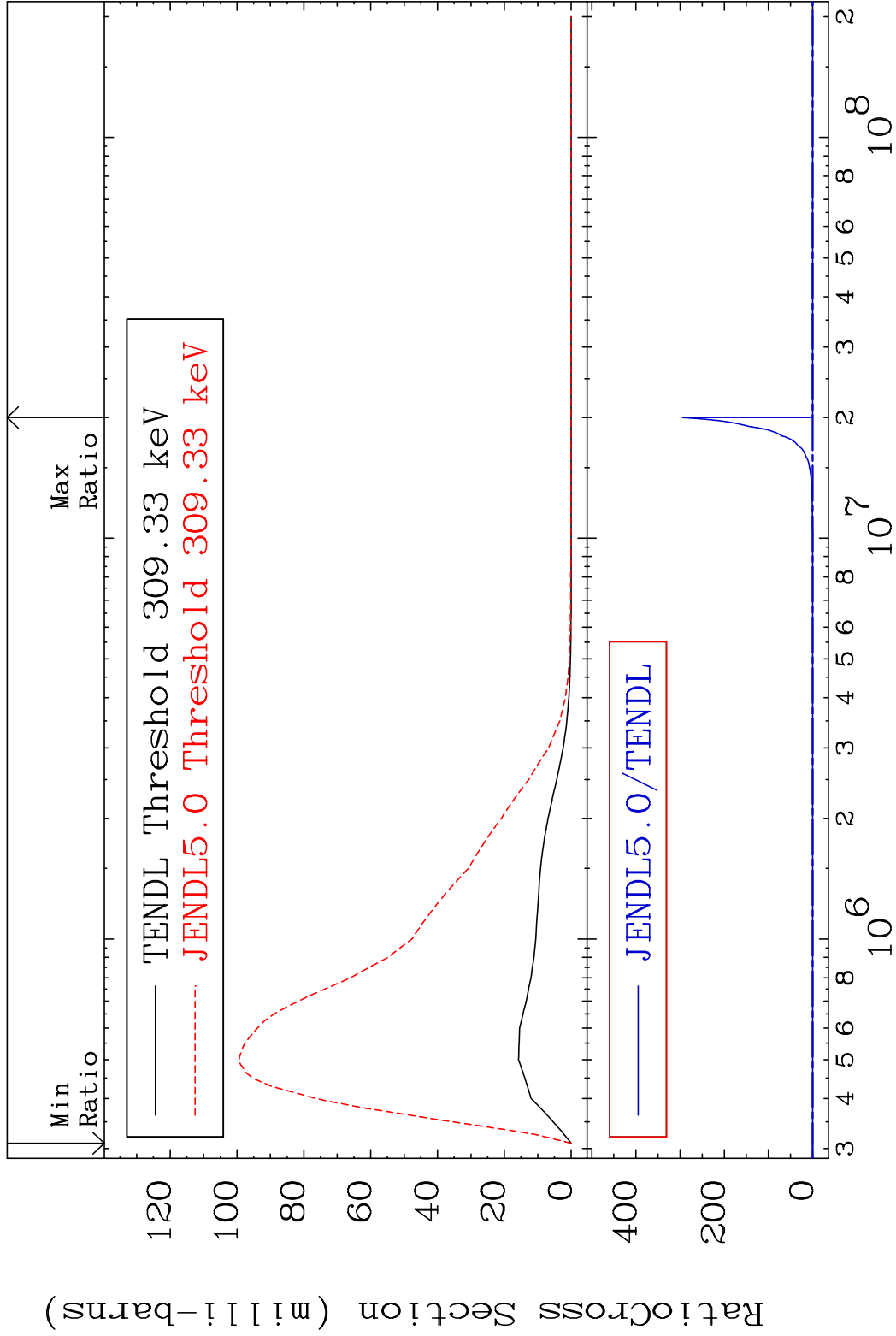


22 Incident Energy (eV) 43-Tc-98

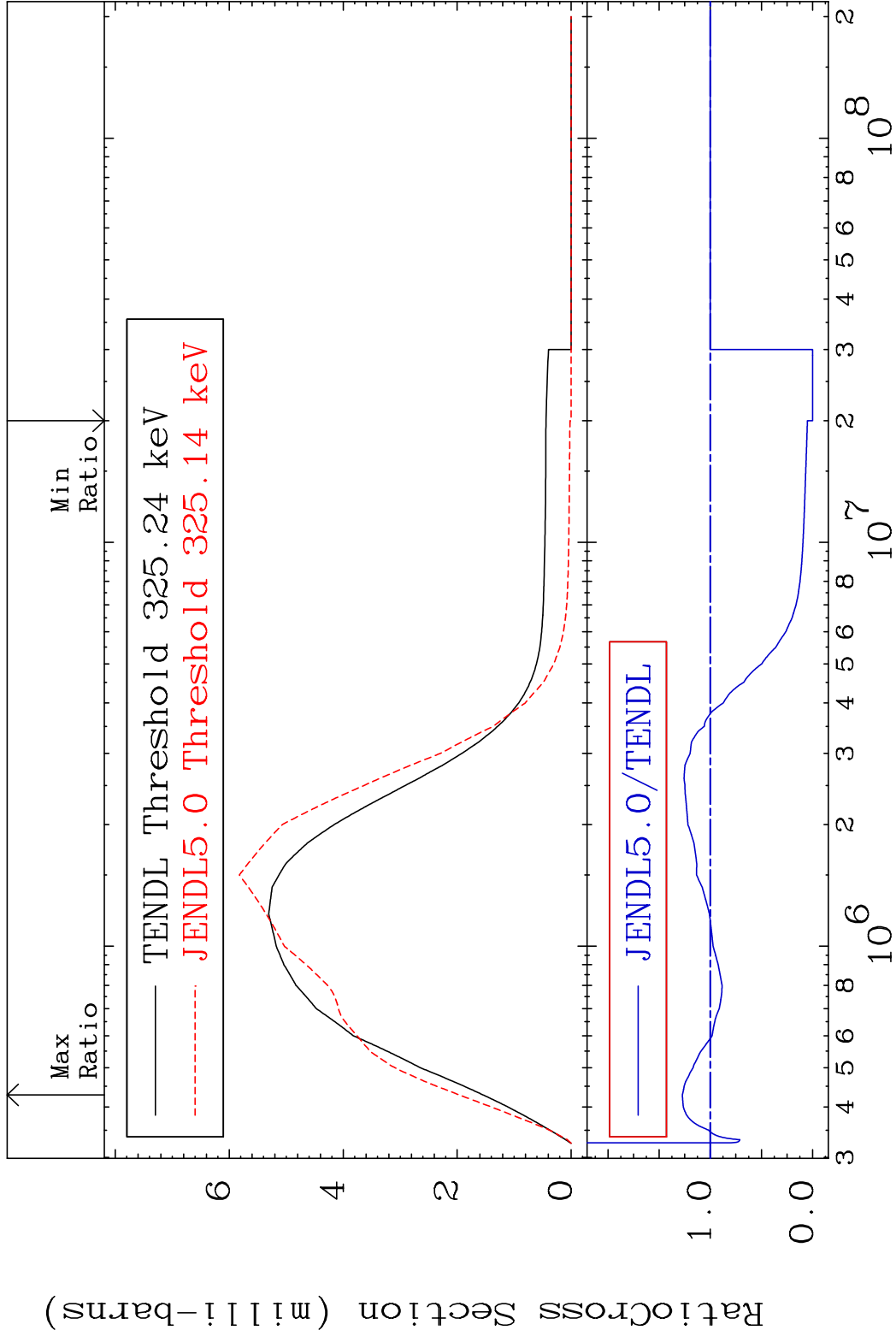


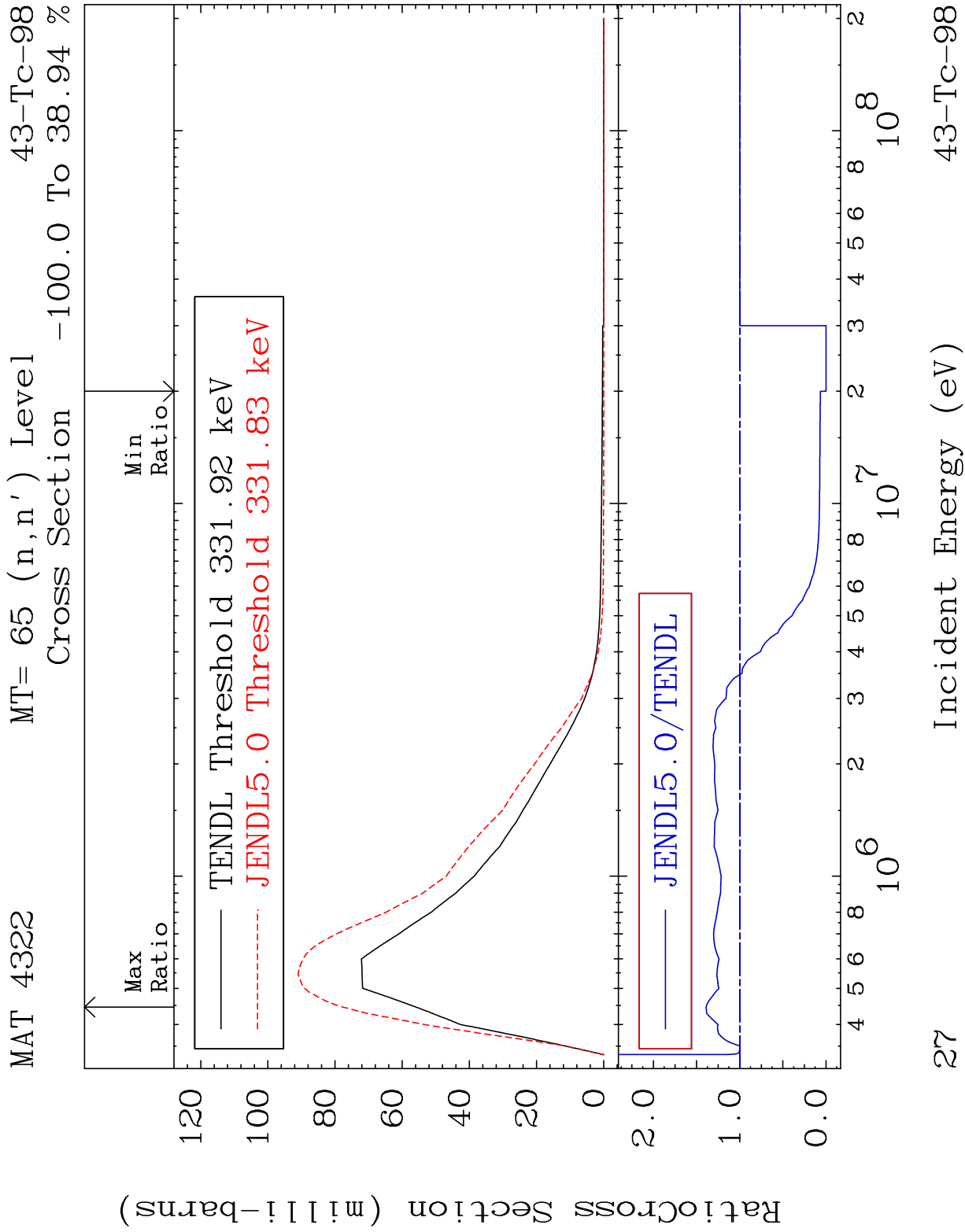


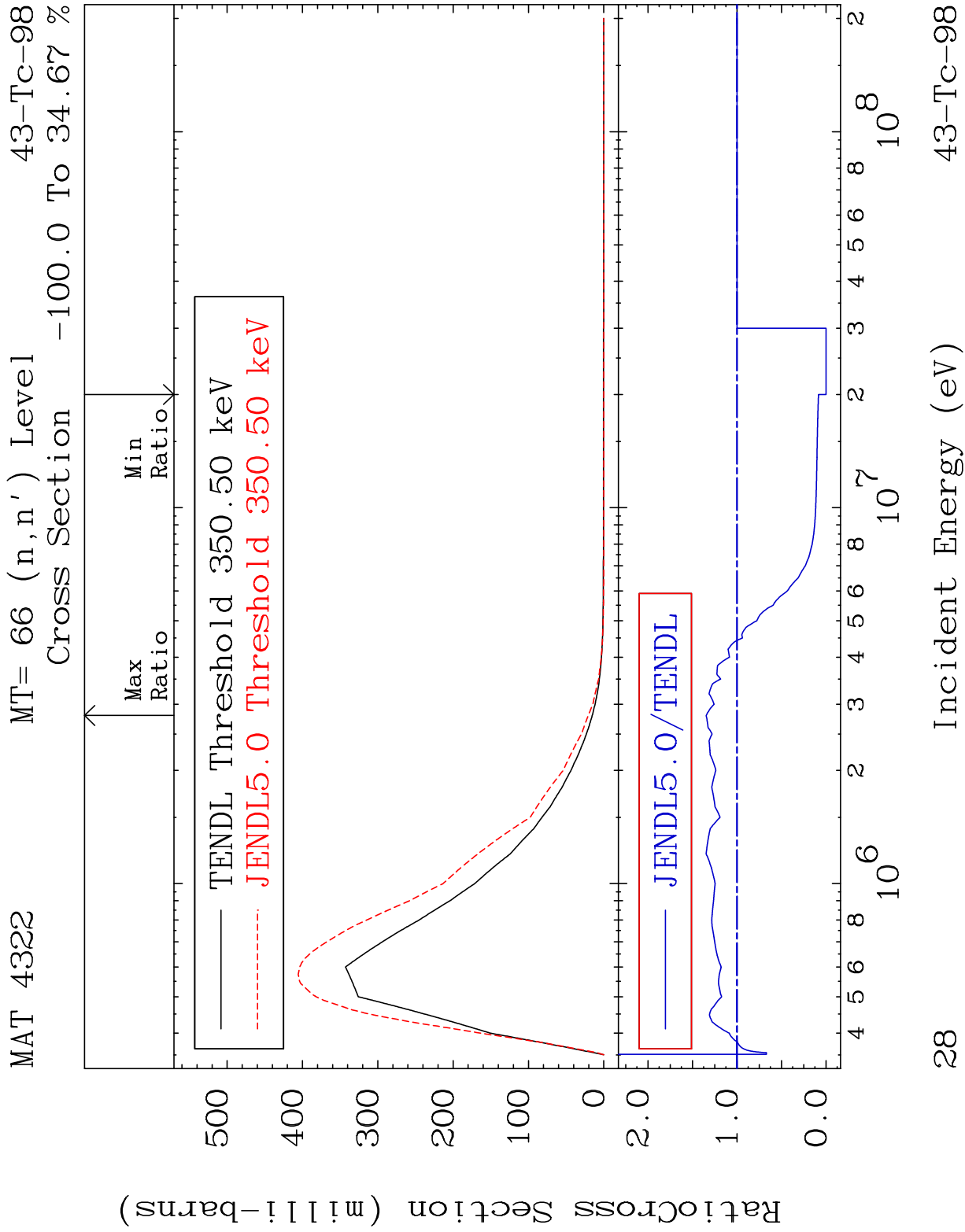
Cross Section -100.0 To 9999. %

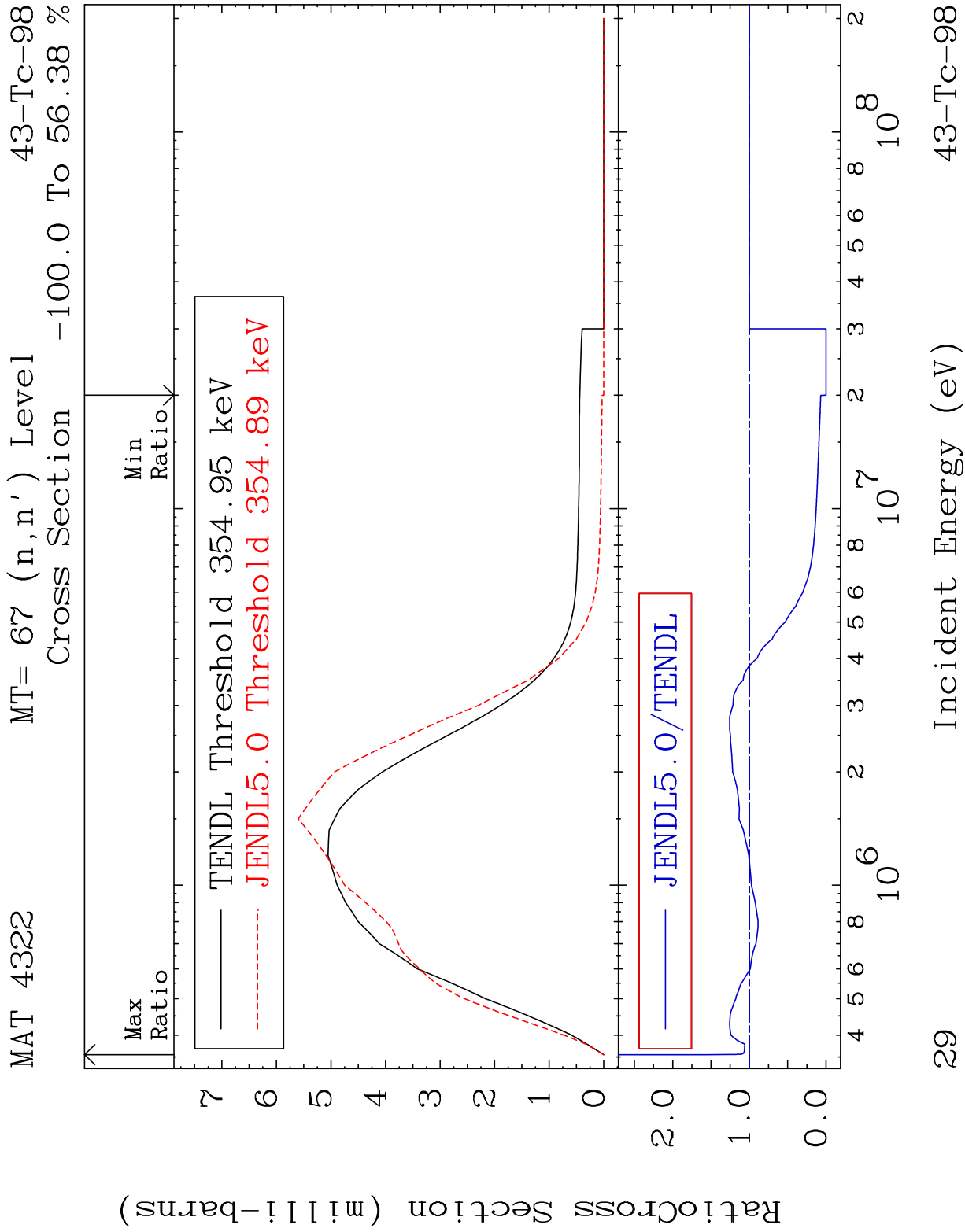


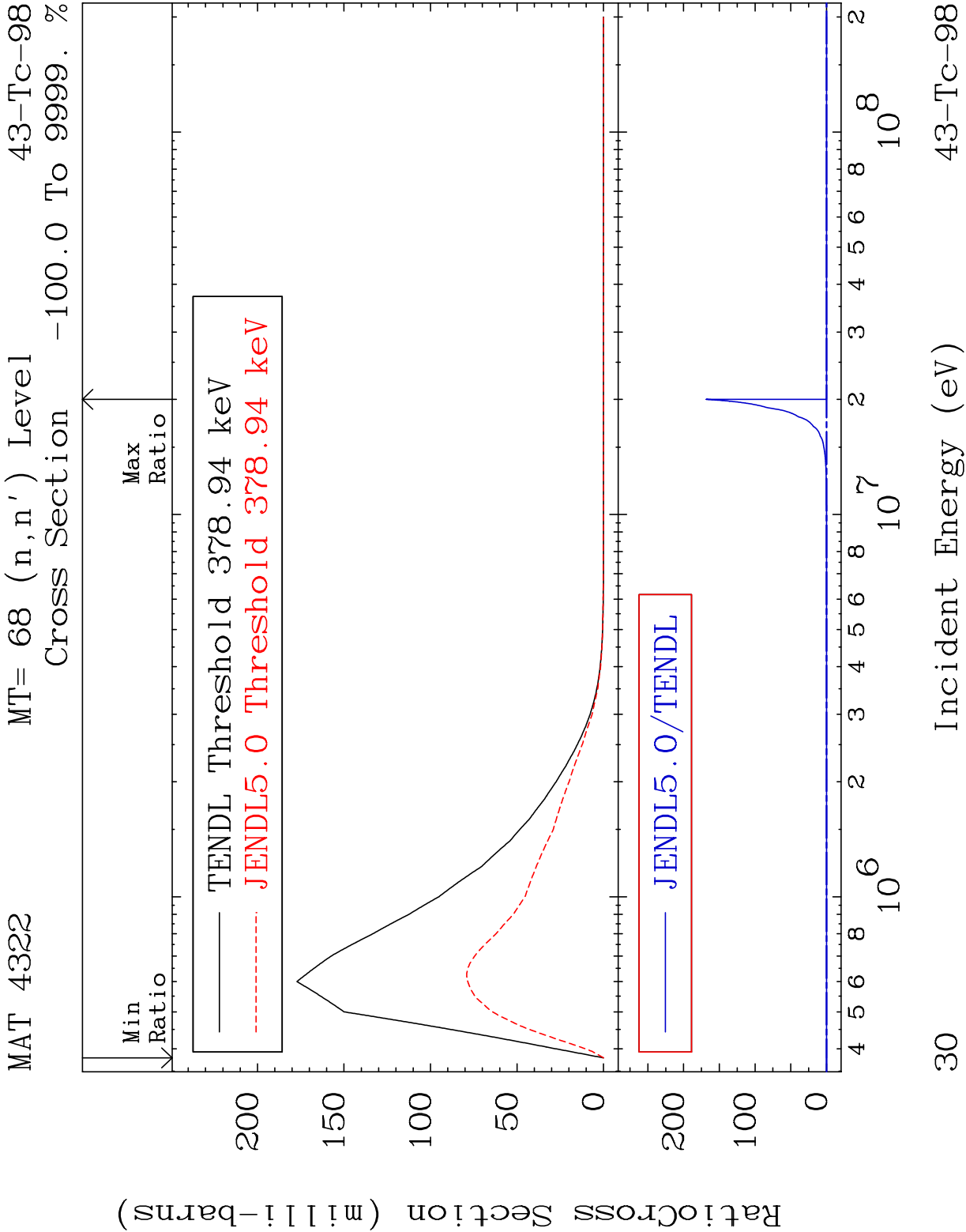
MAT 4322 MT= 64 (n,n') Level 43-Tc-98
Cross Section -100.0 To 27.31 %

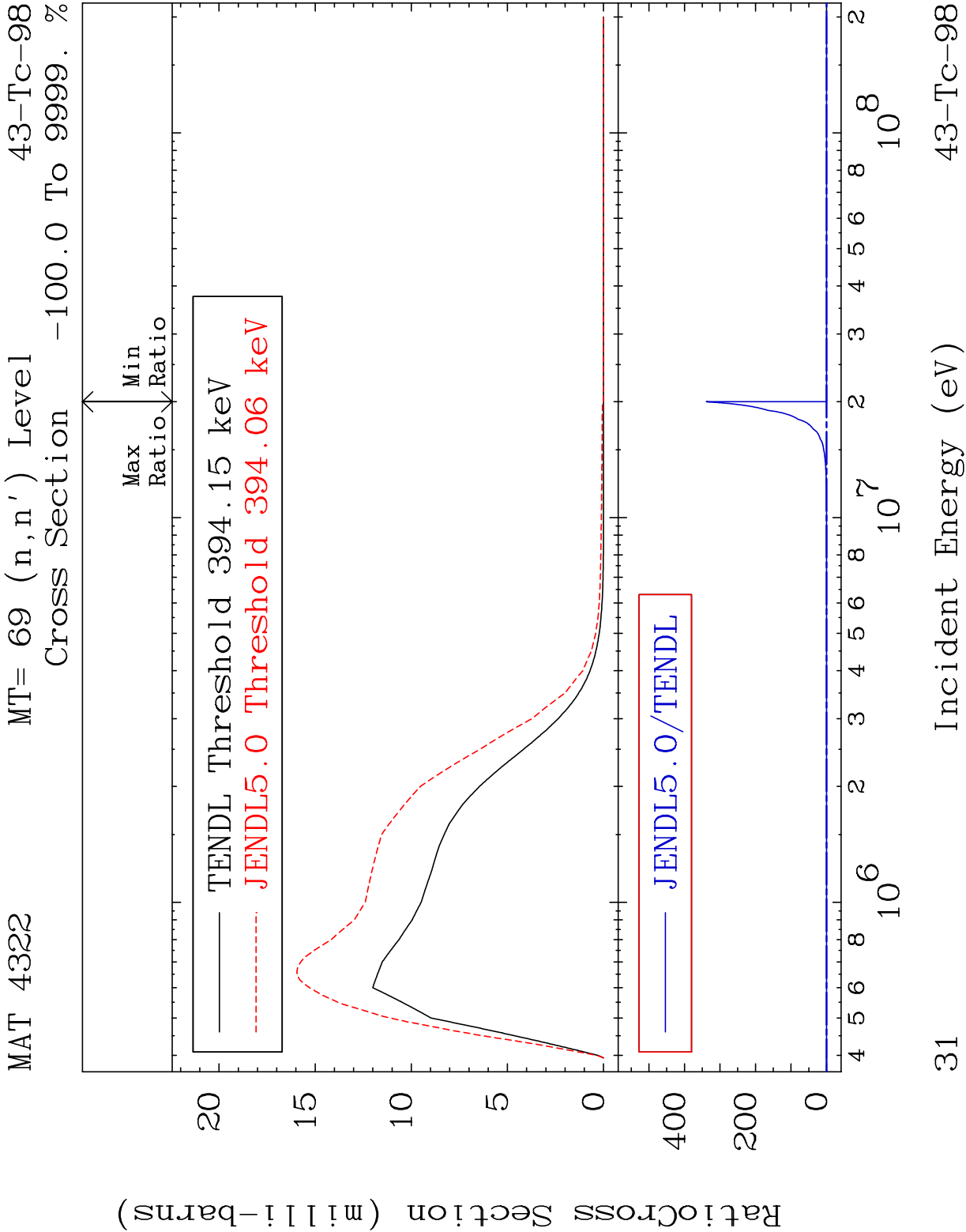


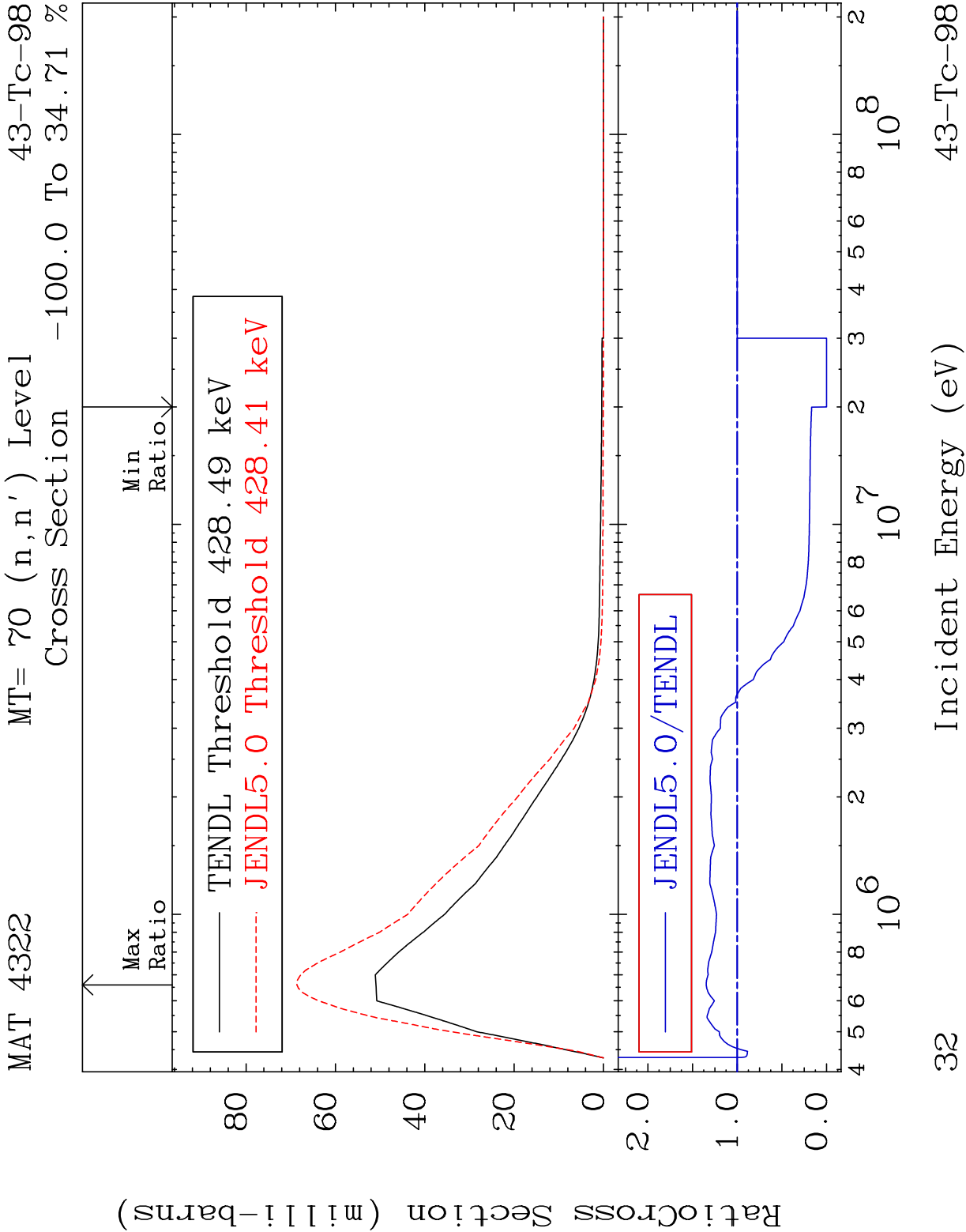




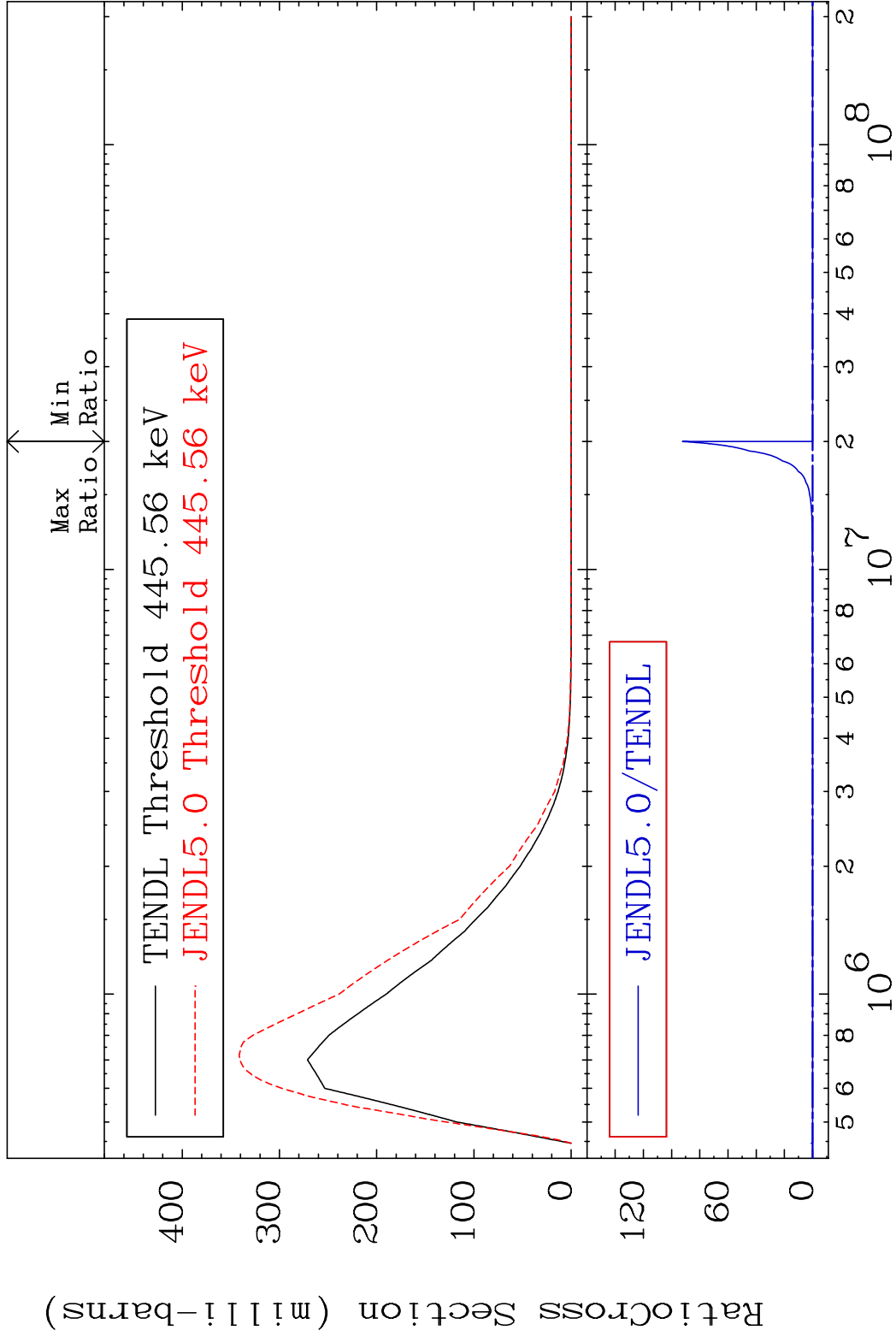


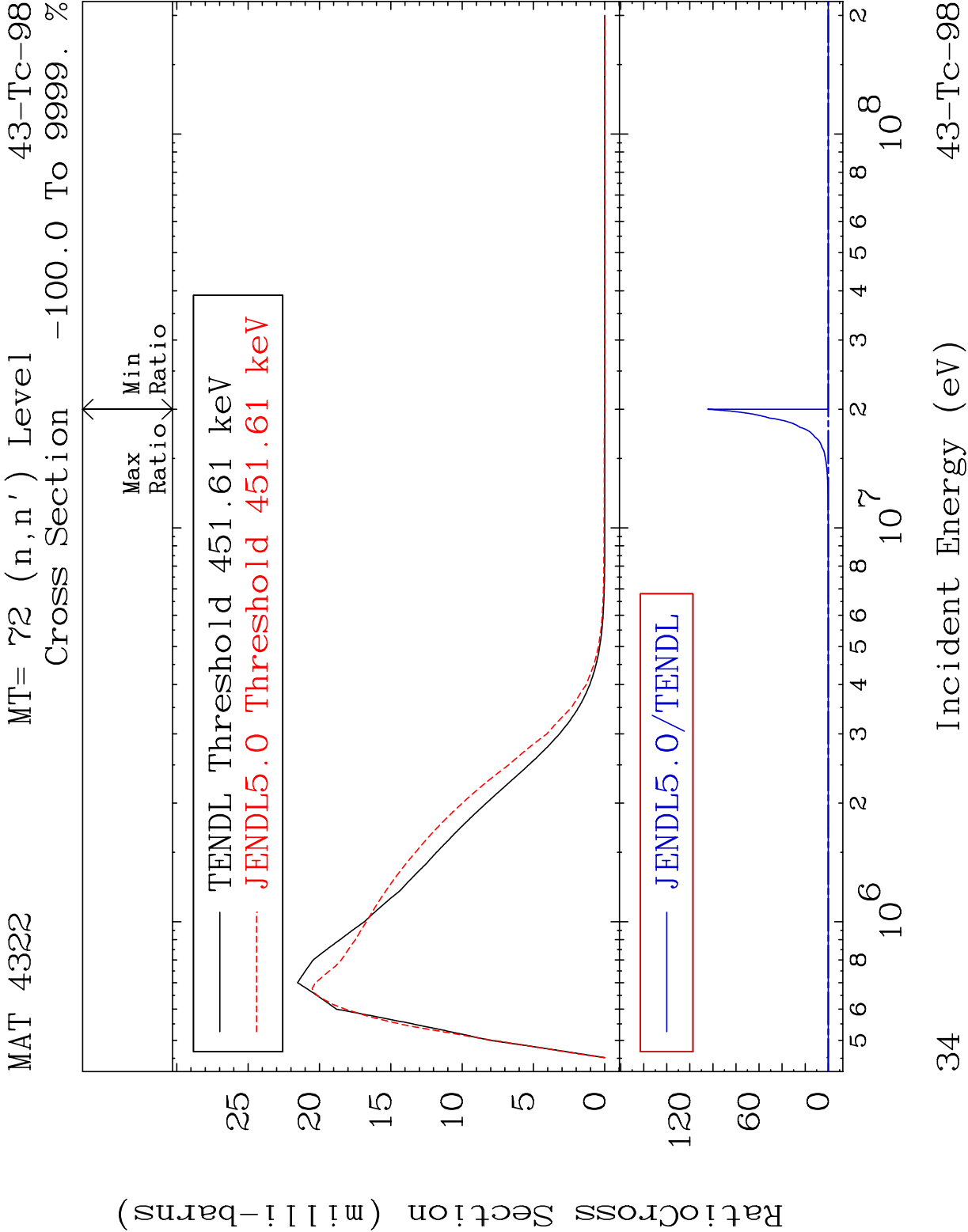


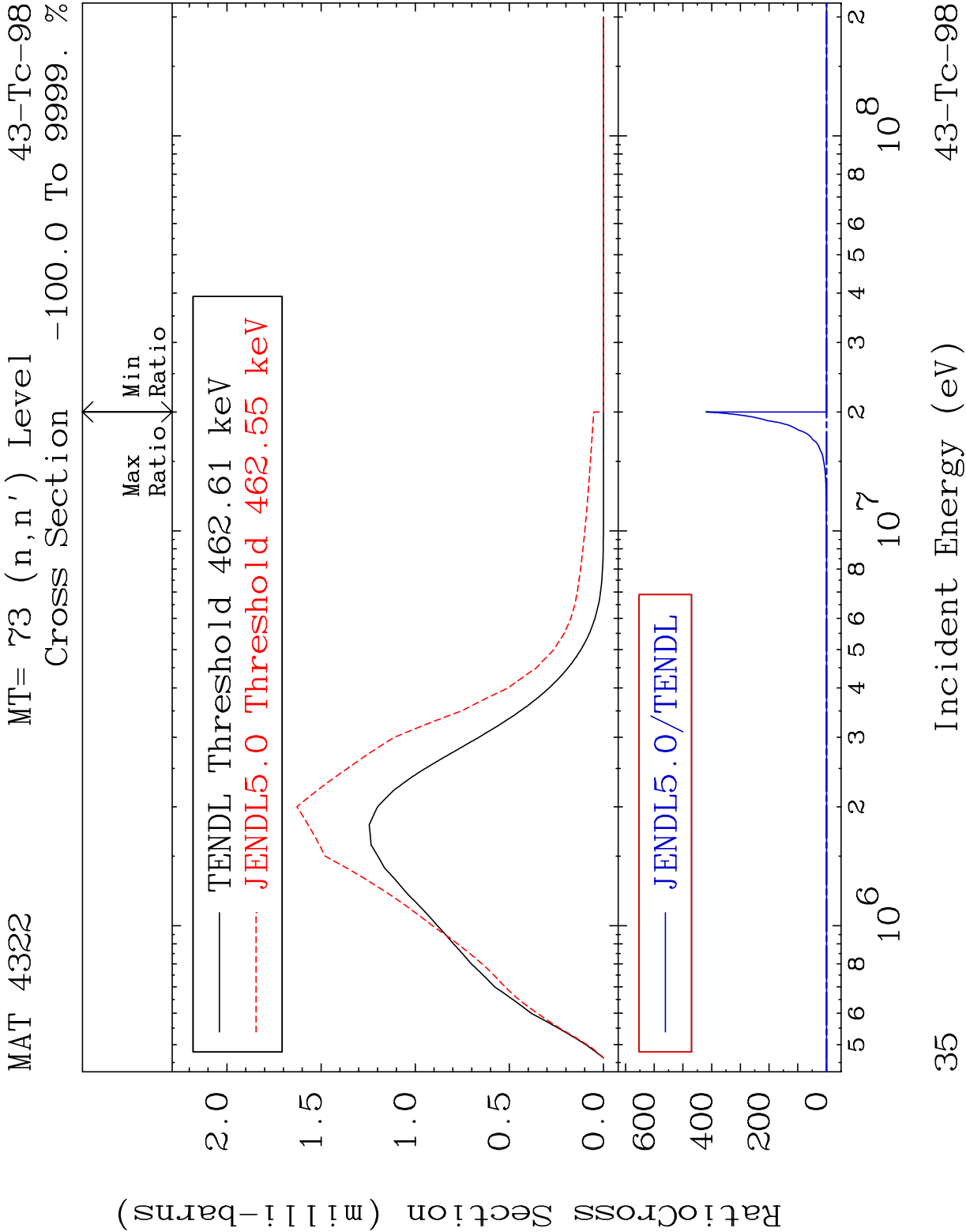


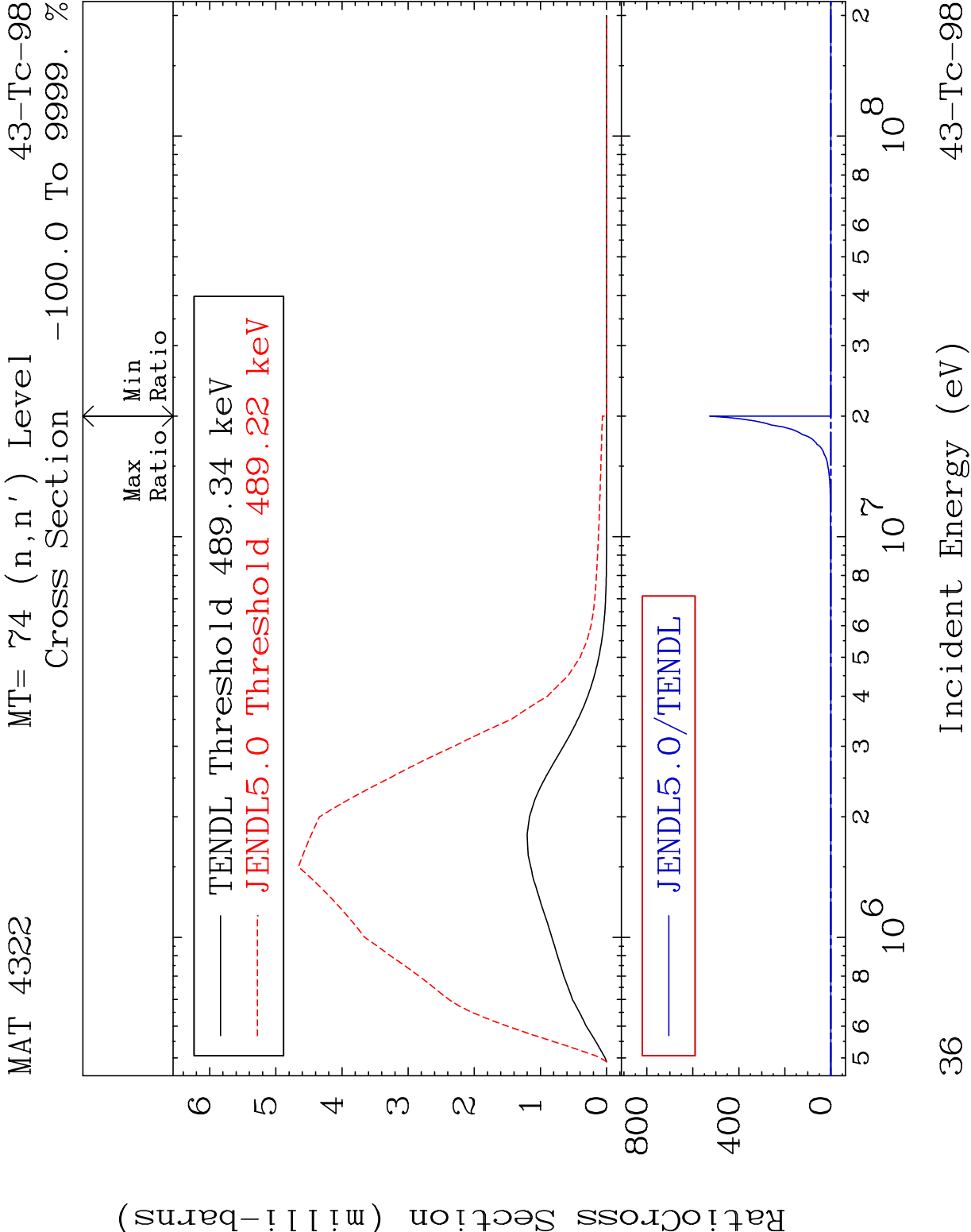


MAT 4322 MT= 71 (n,n') Level 43-Tc-98
Cross Section -100.0 To 9999. %

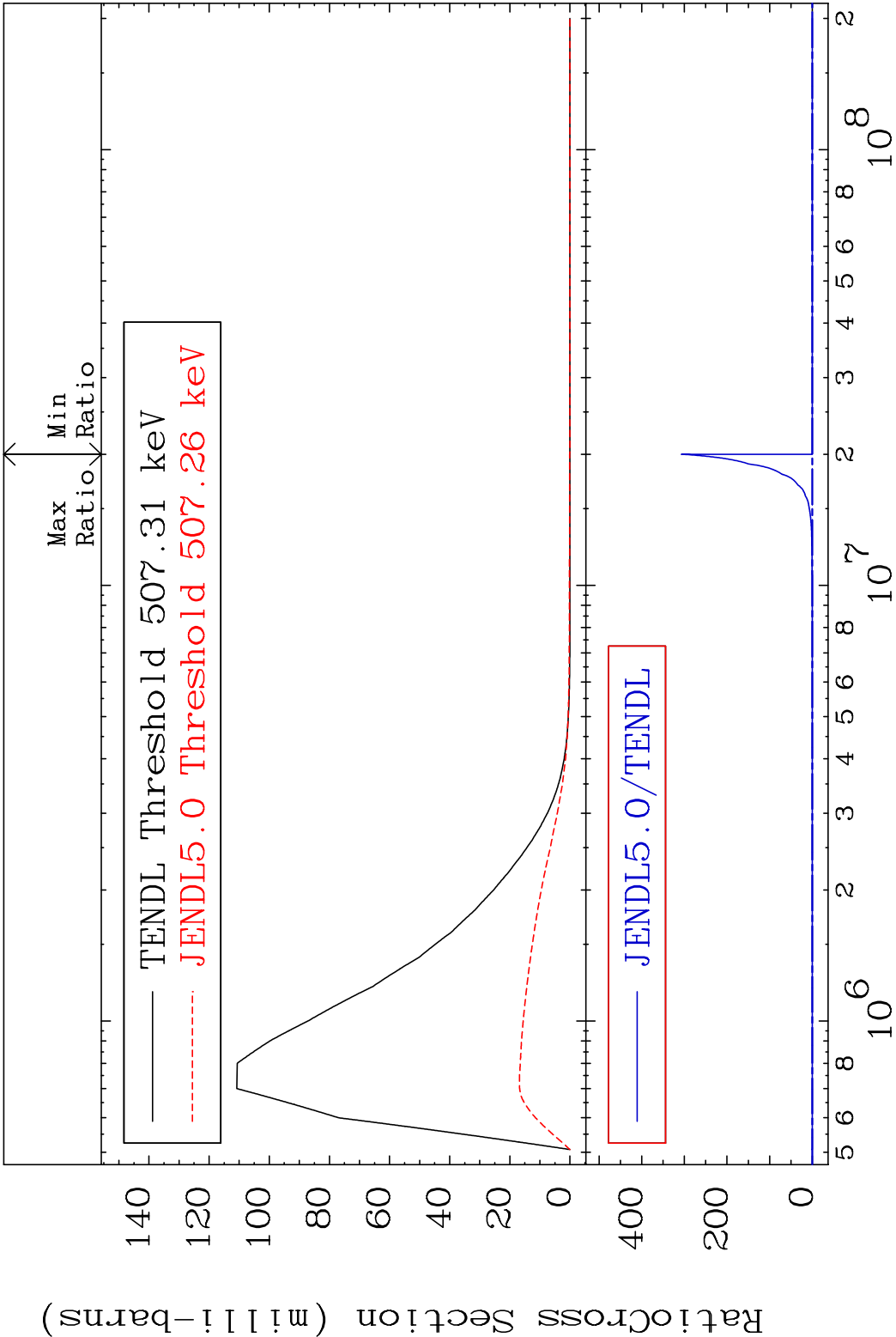




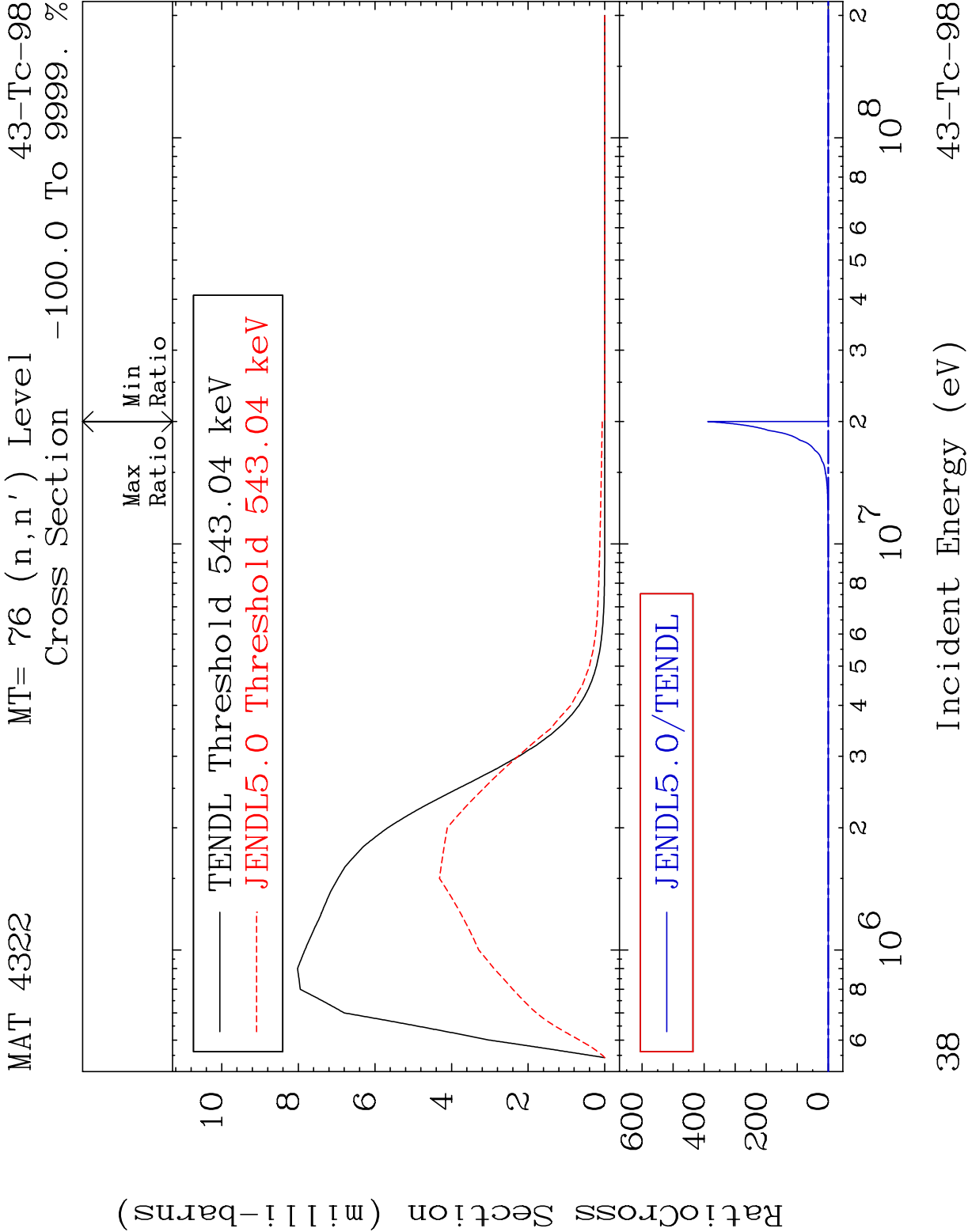




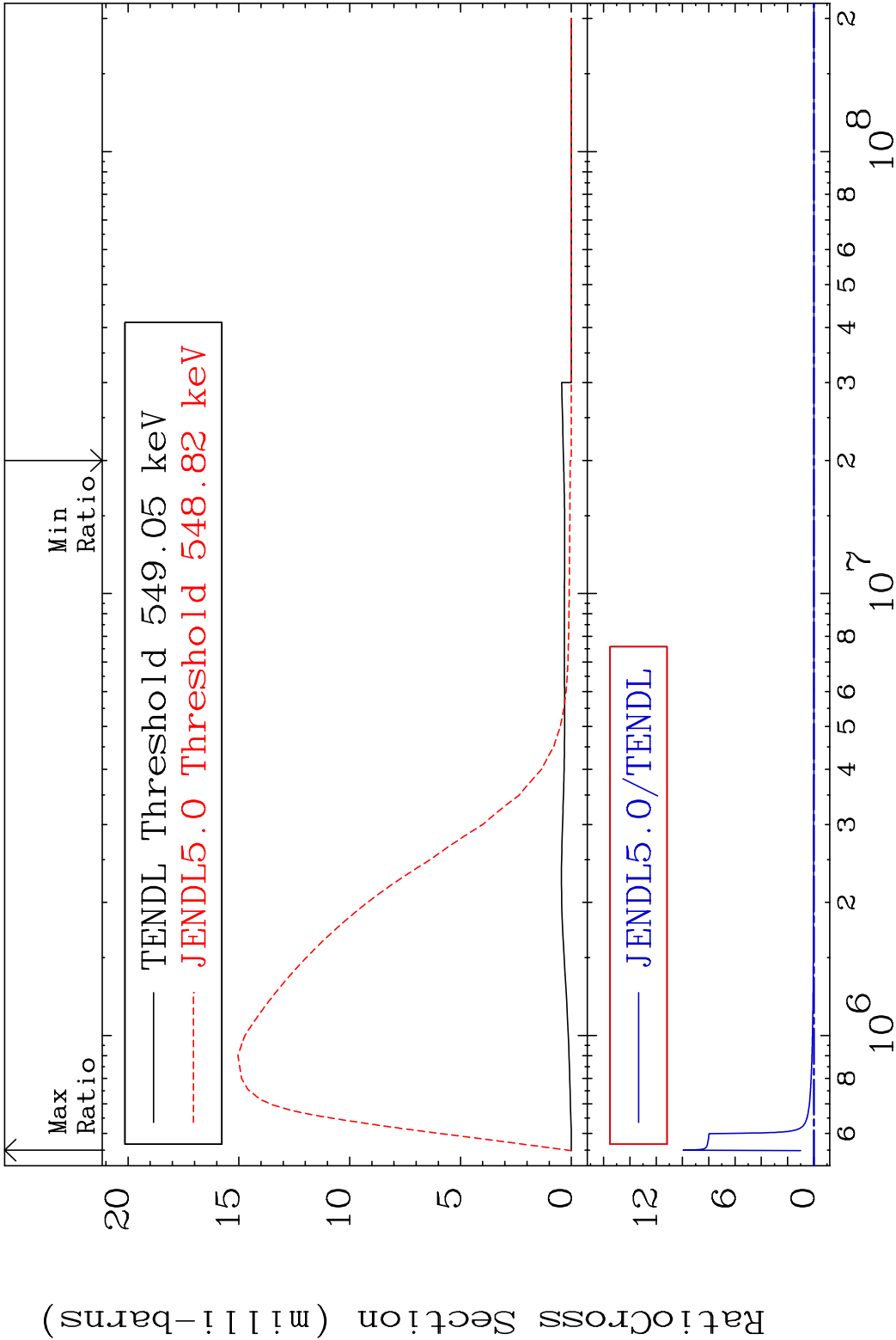
MAT 4322 MT= 75 (n,n') Level 43-Tc-98
 Cross Section -100.0 To 9999. %

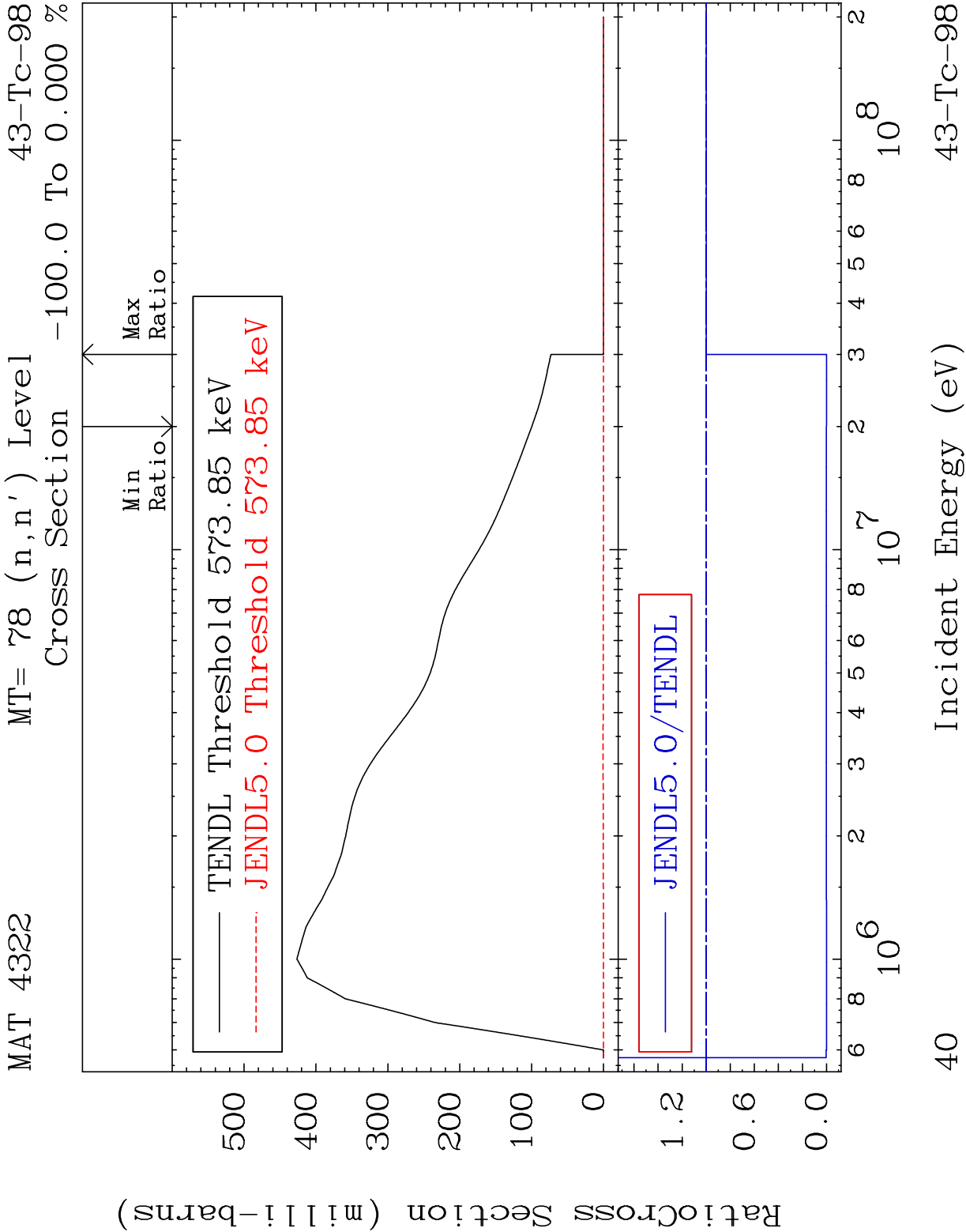


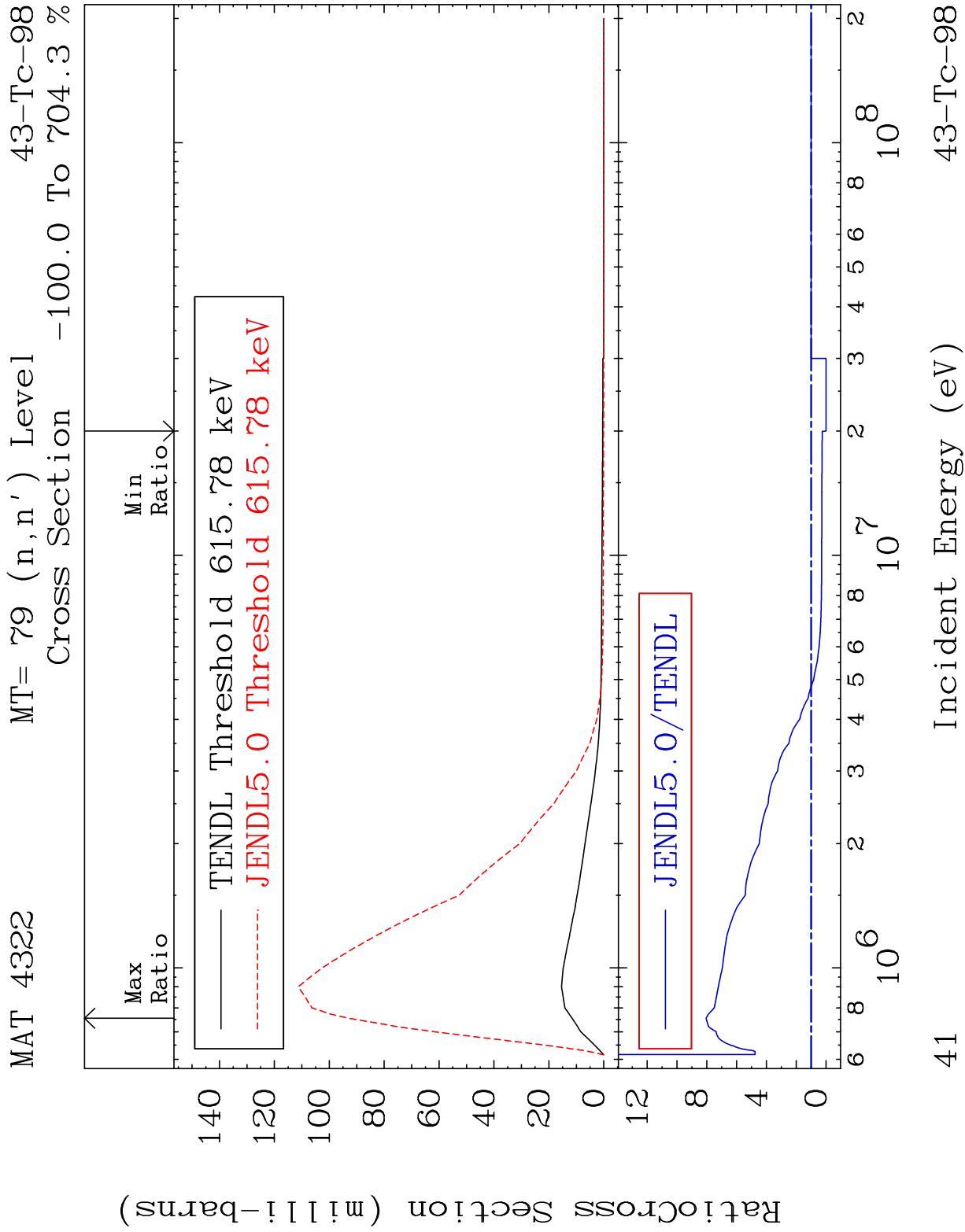
37 Incident Energy (eV) 43-Tc-98

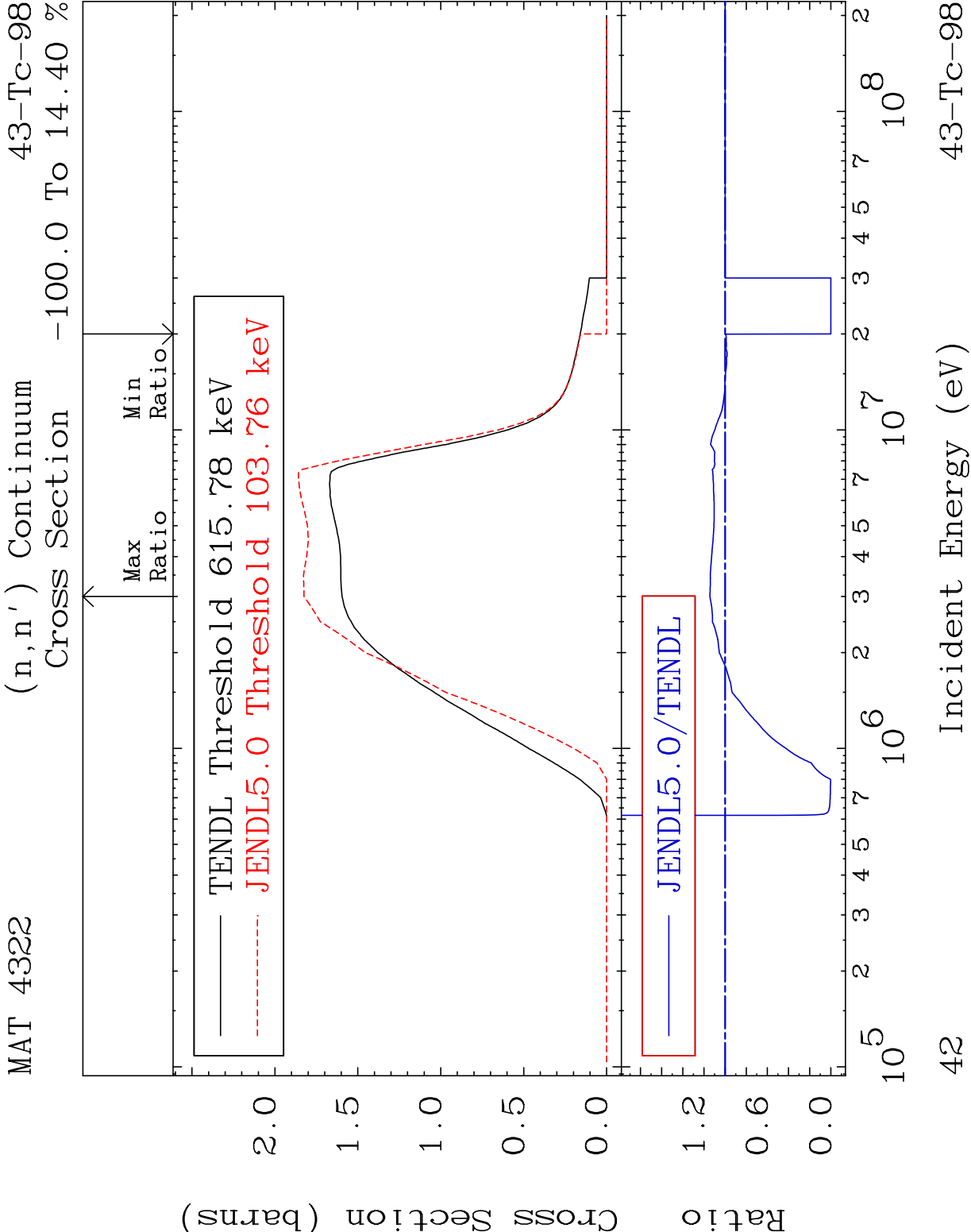


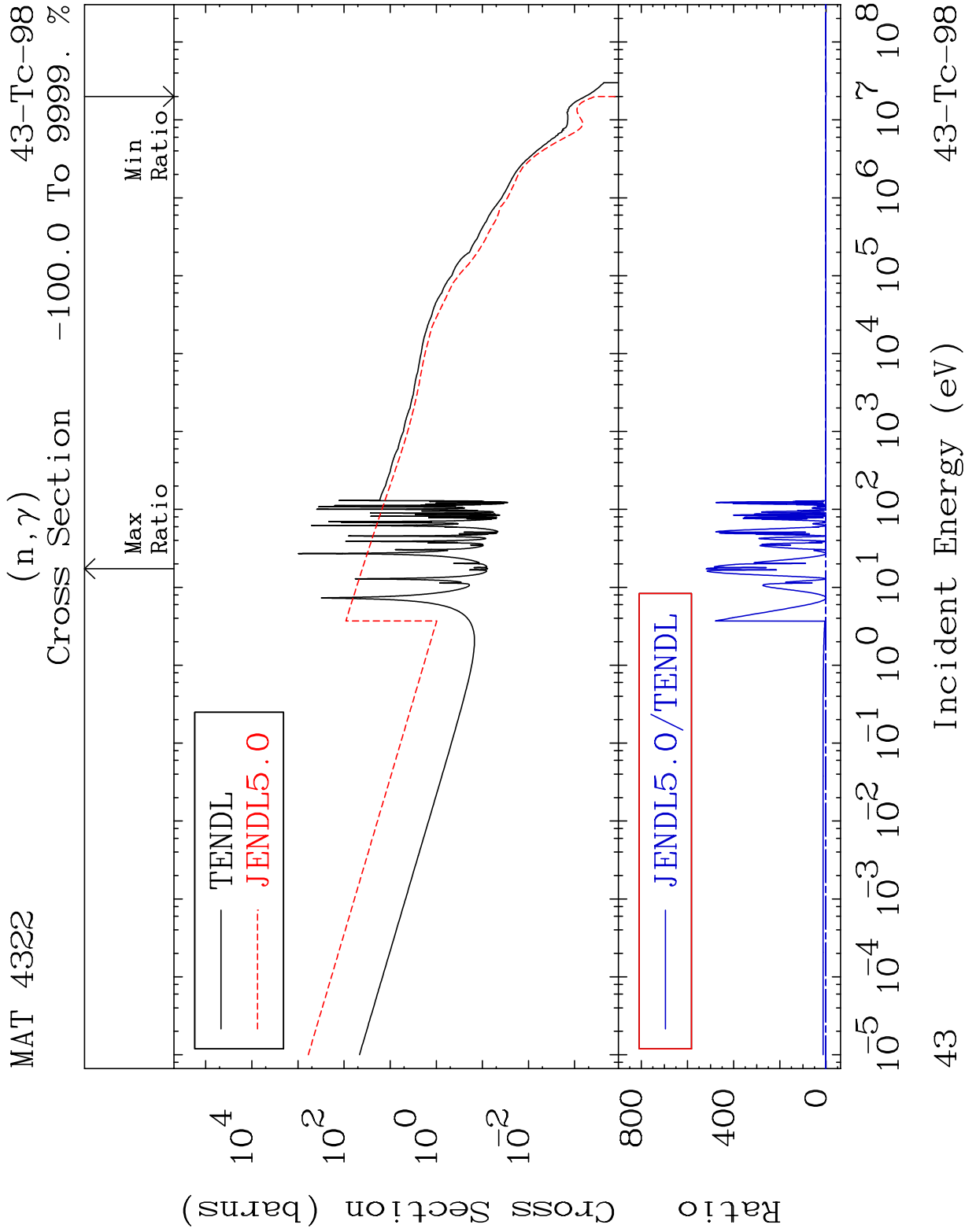
MAT 4322 MT= 77 (n,n') Level 43-Tc-98
Cross Section -100.0 To 9999. %

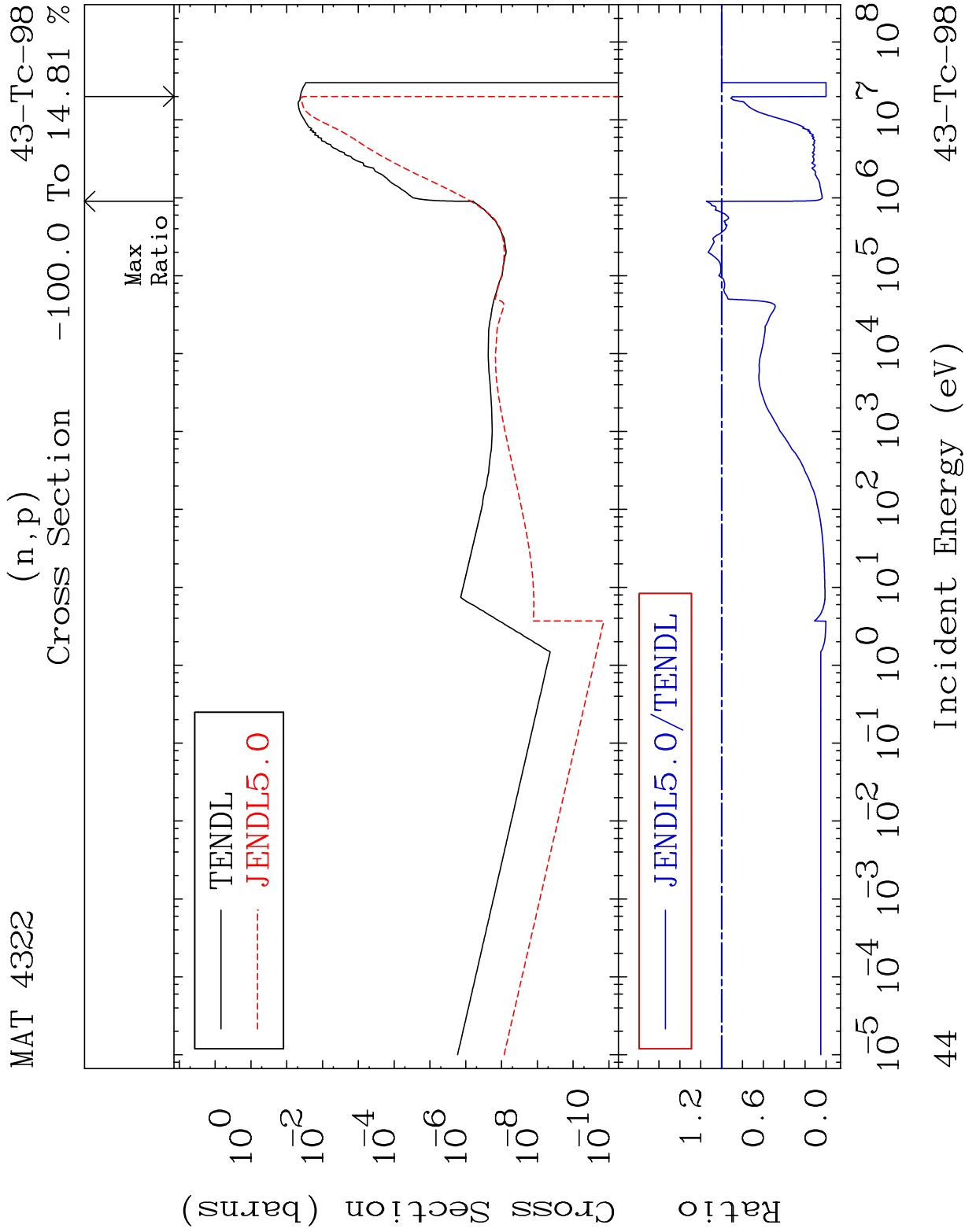


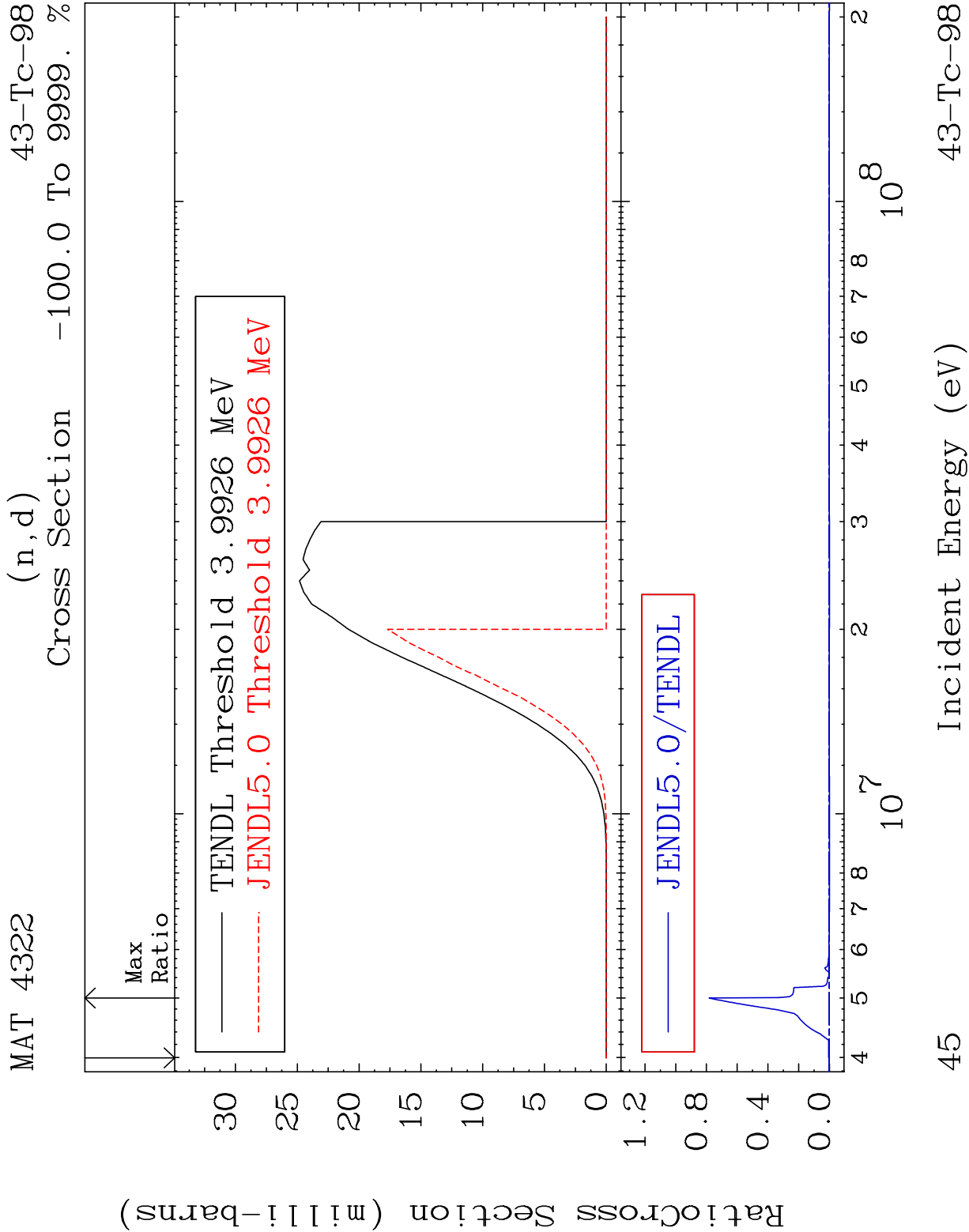


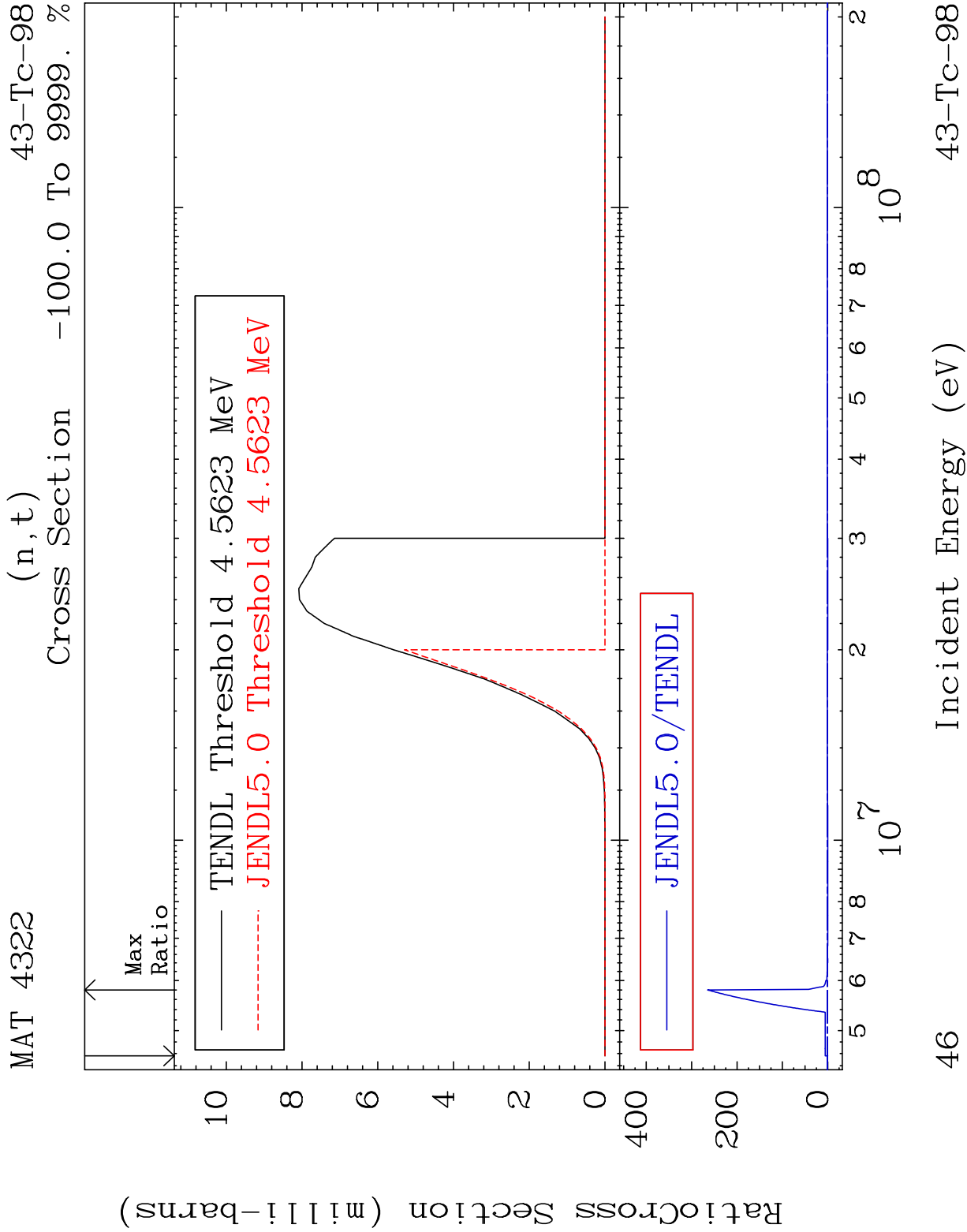


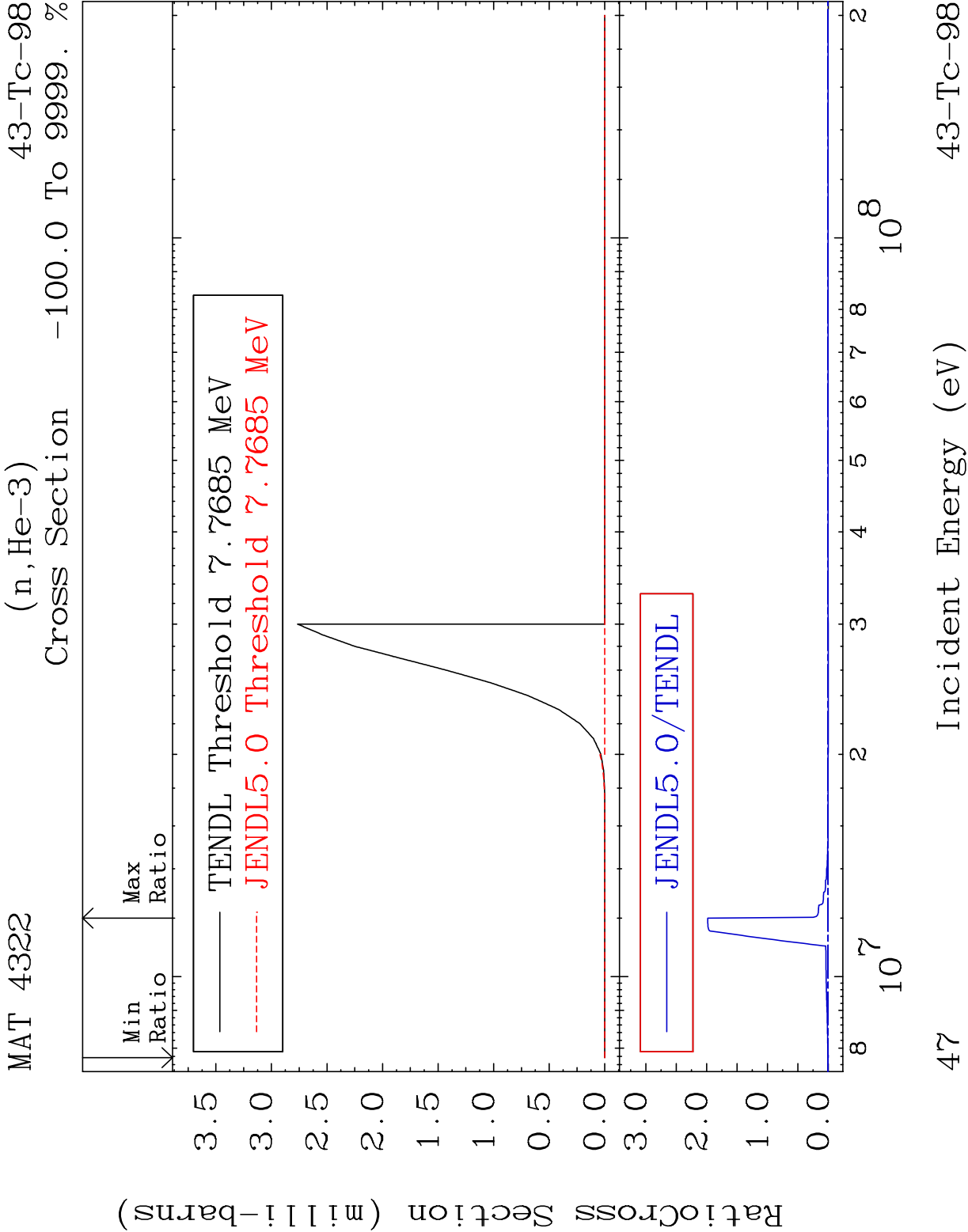


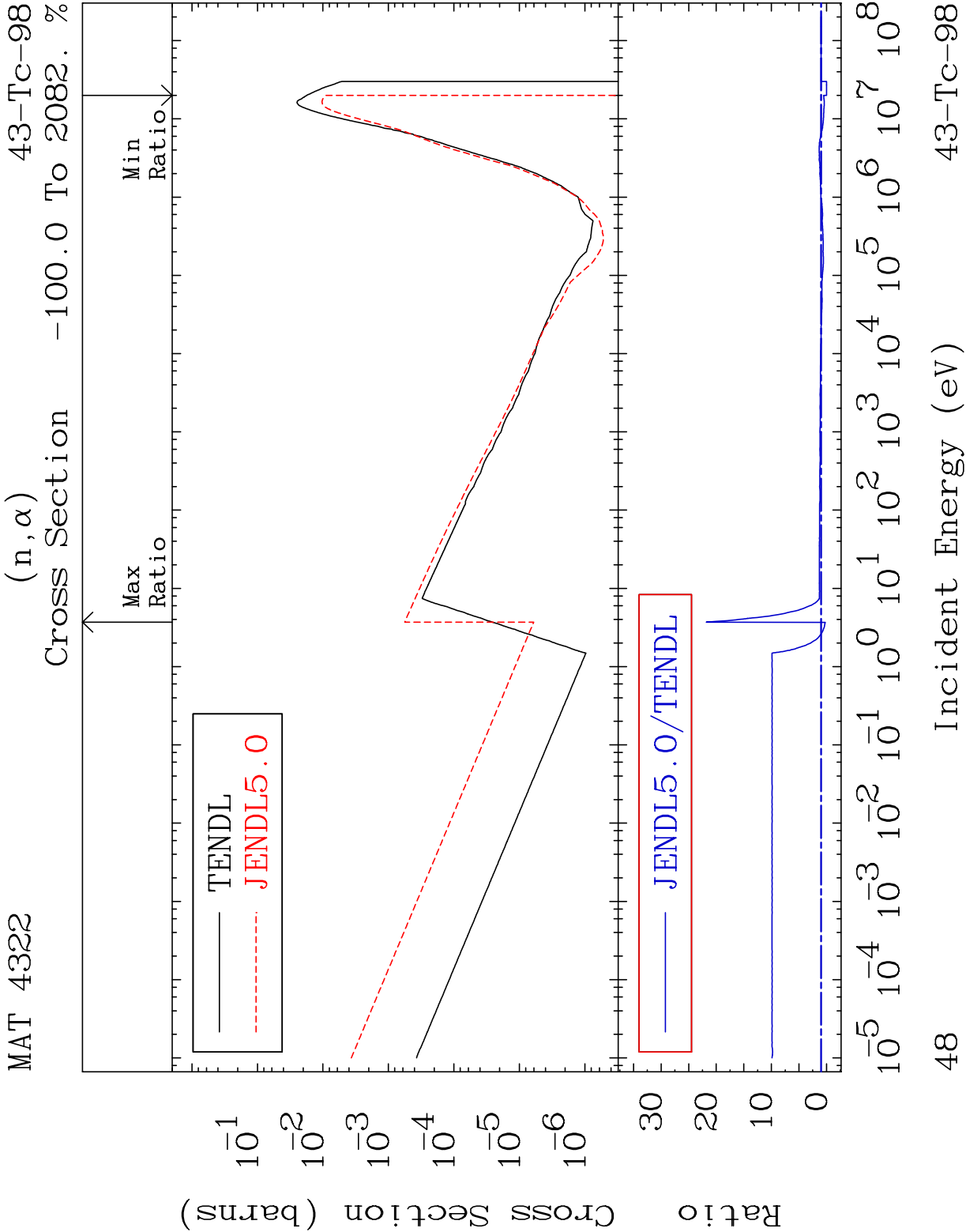


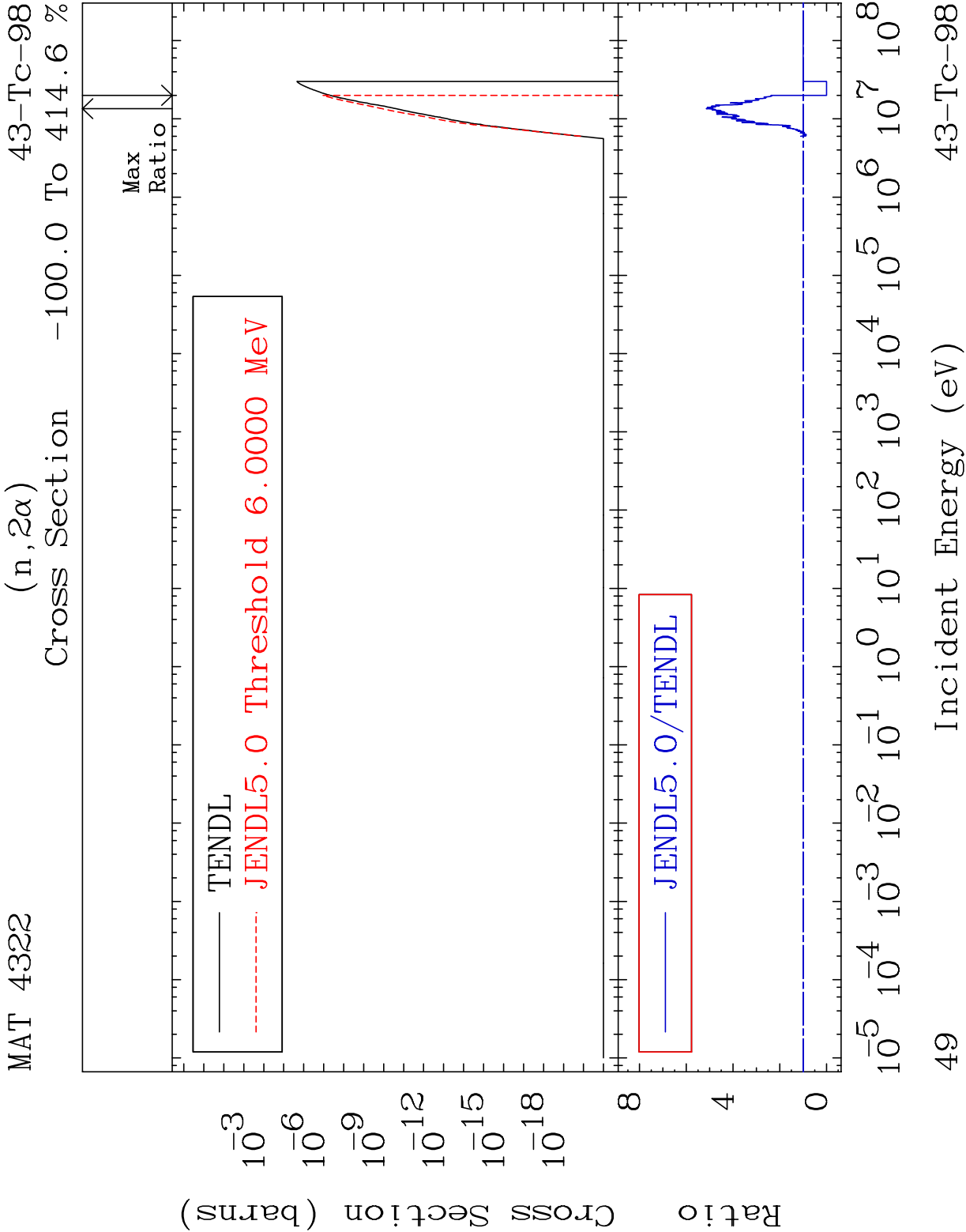


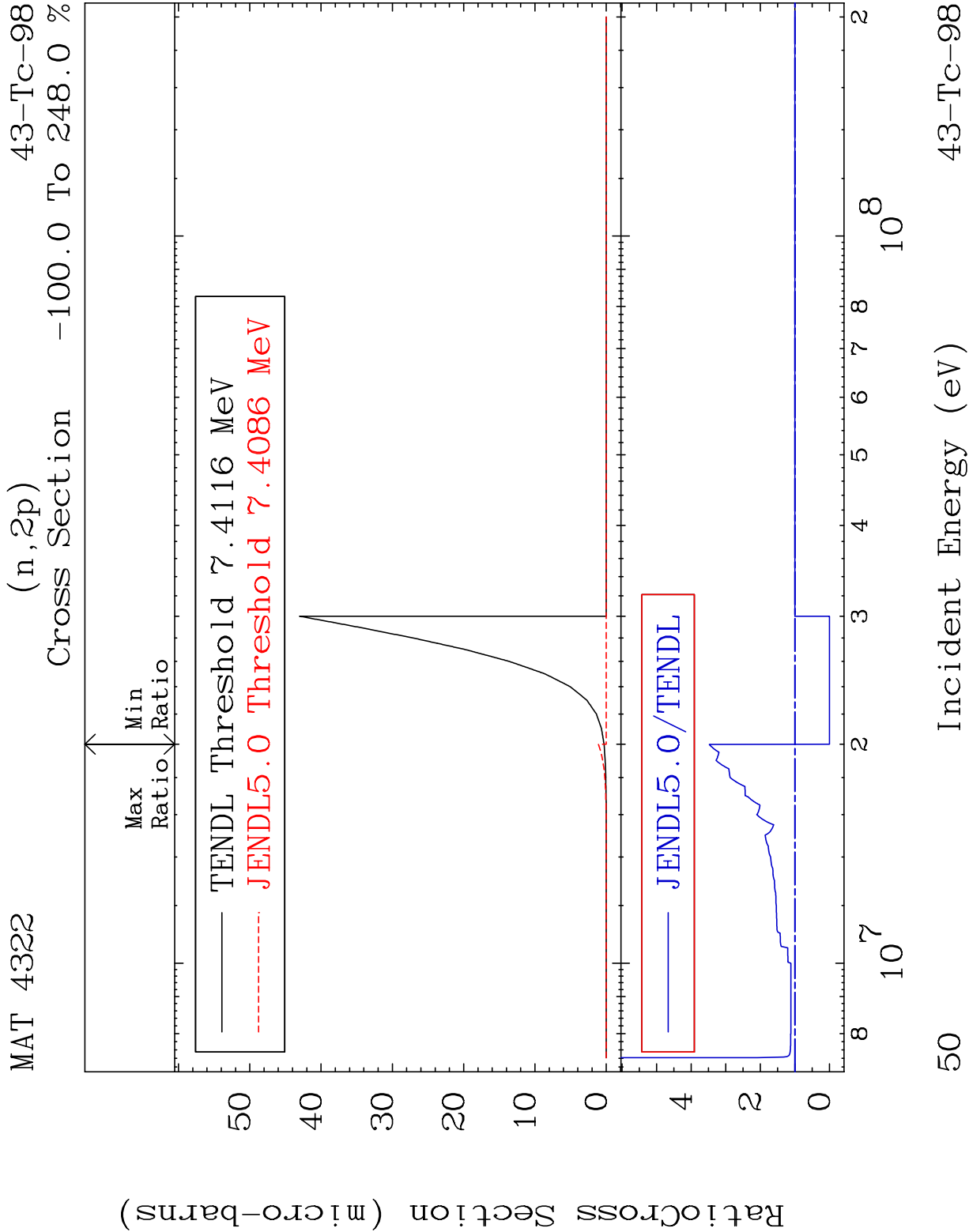


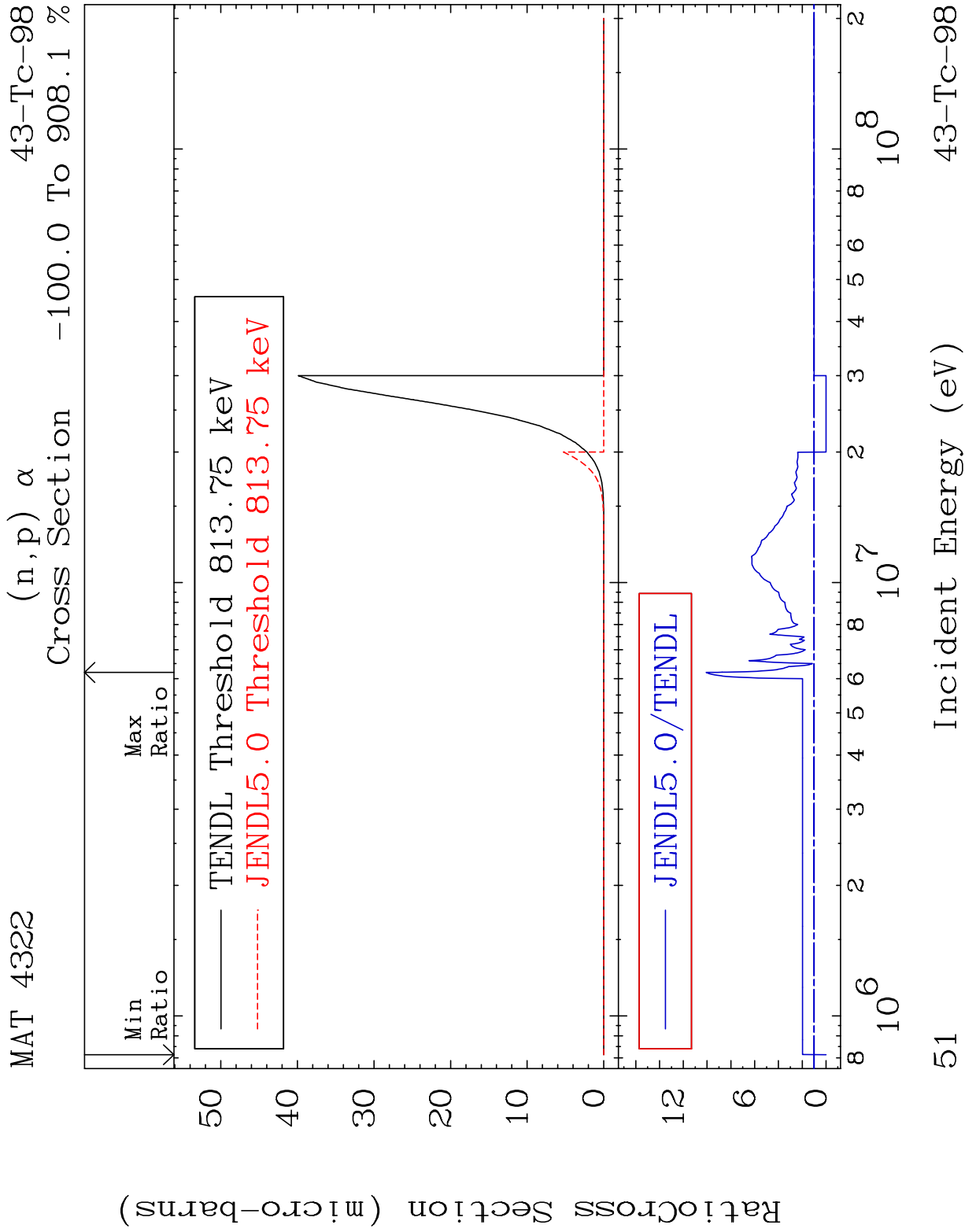


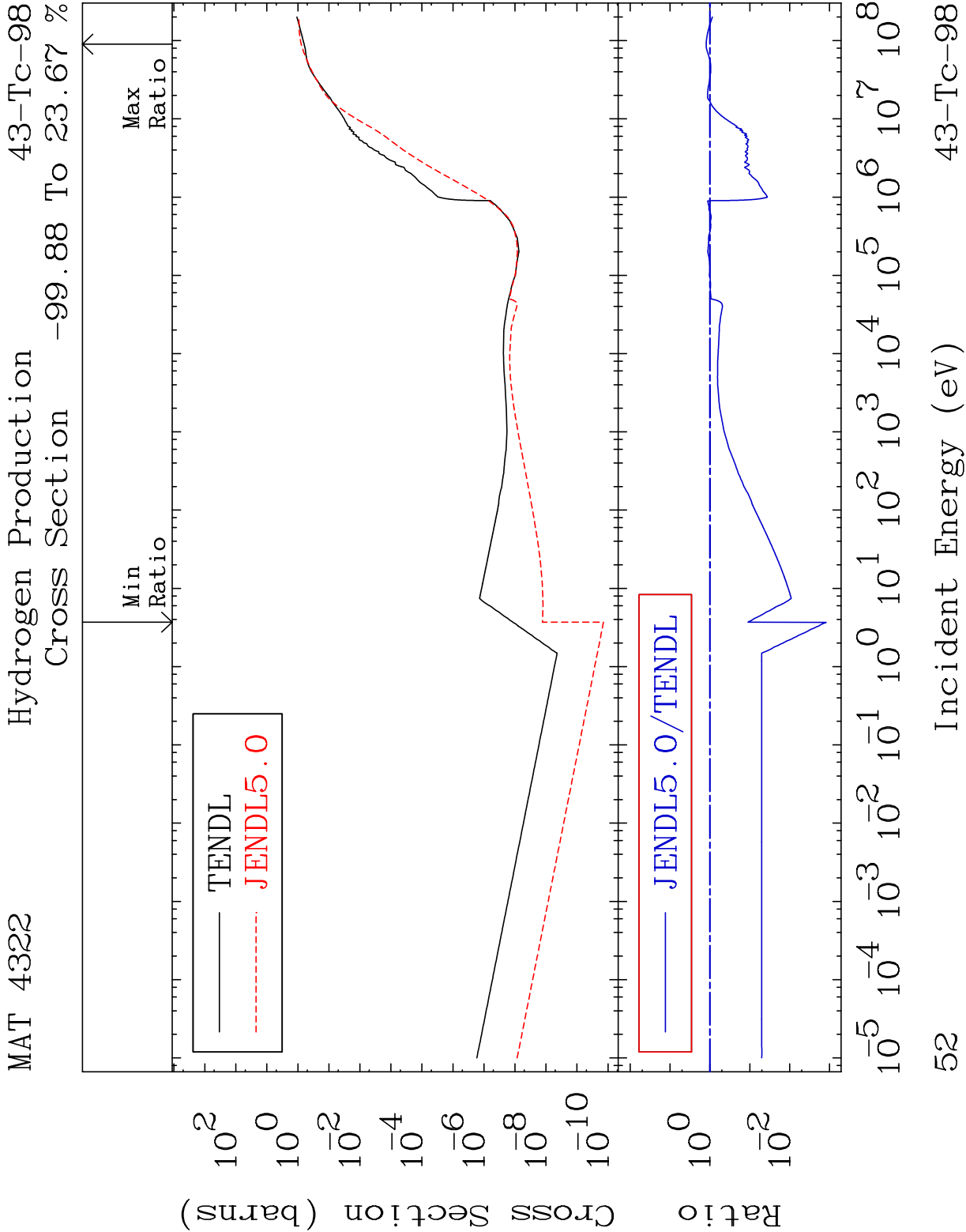


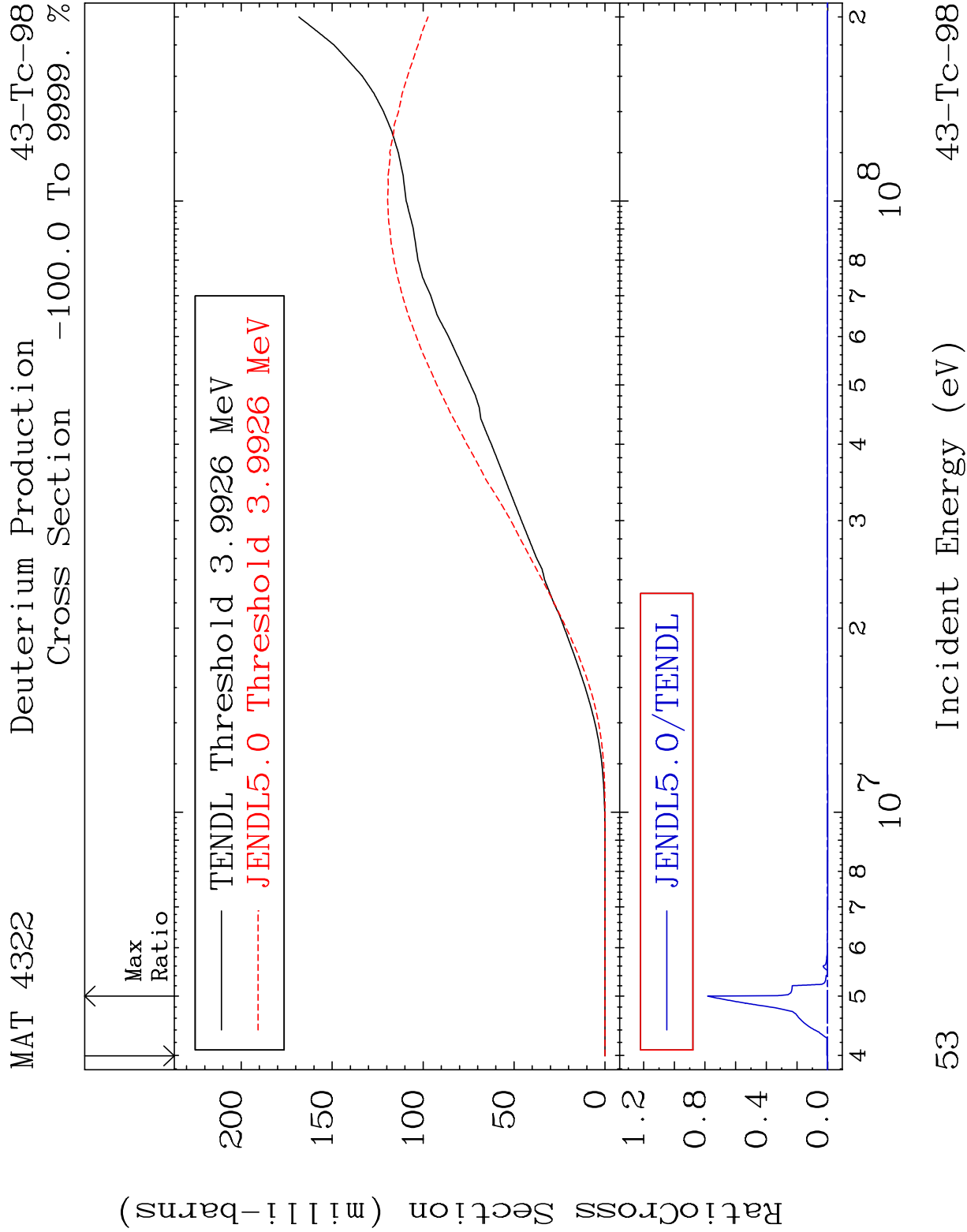


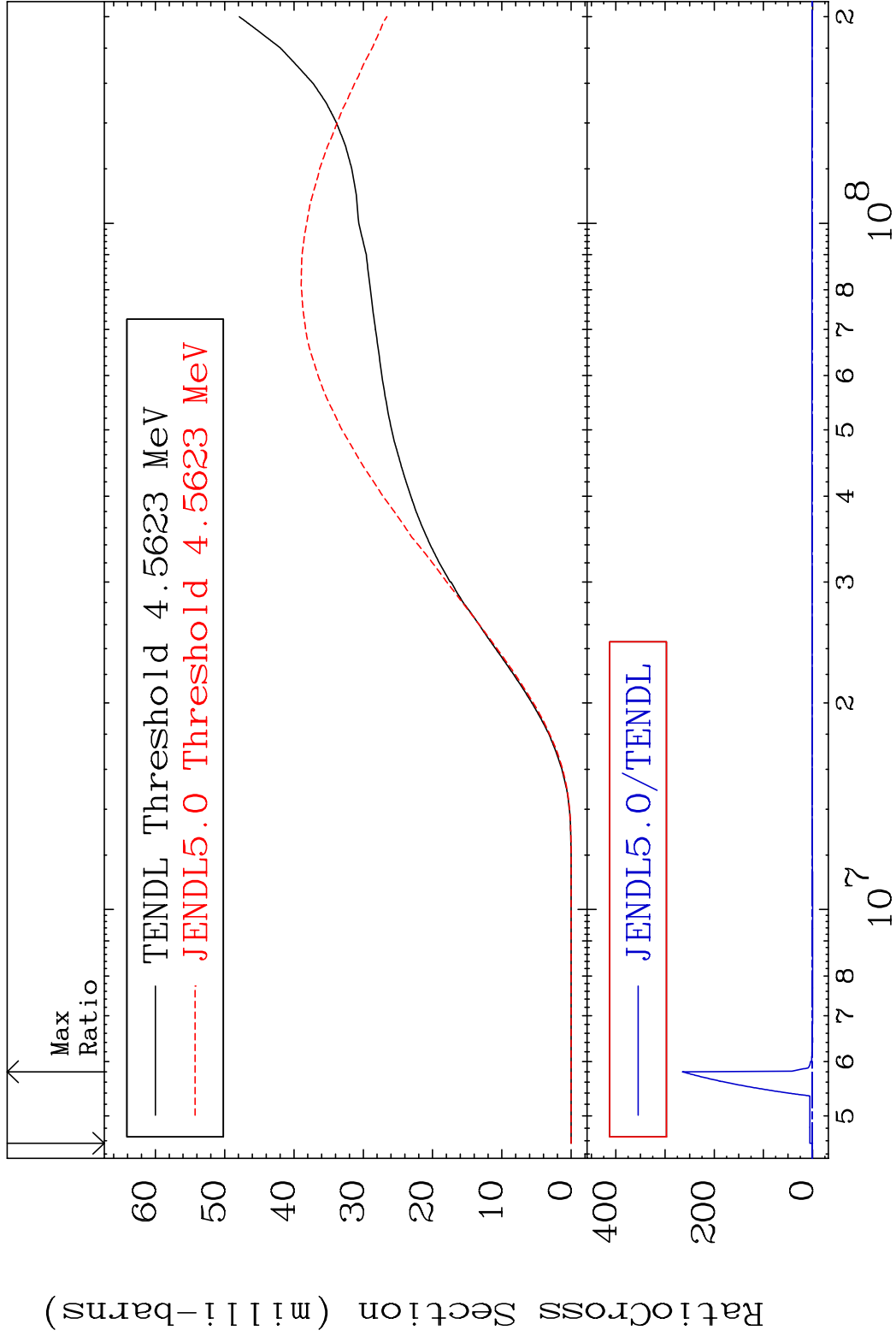


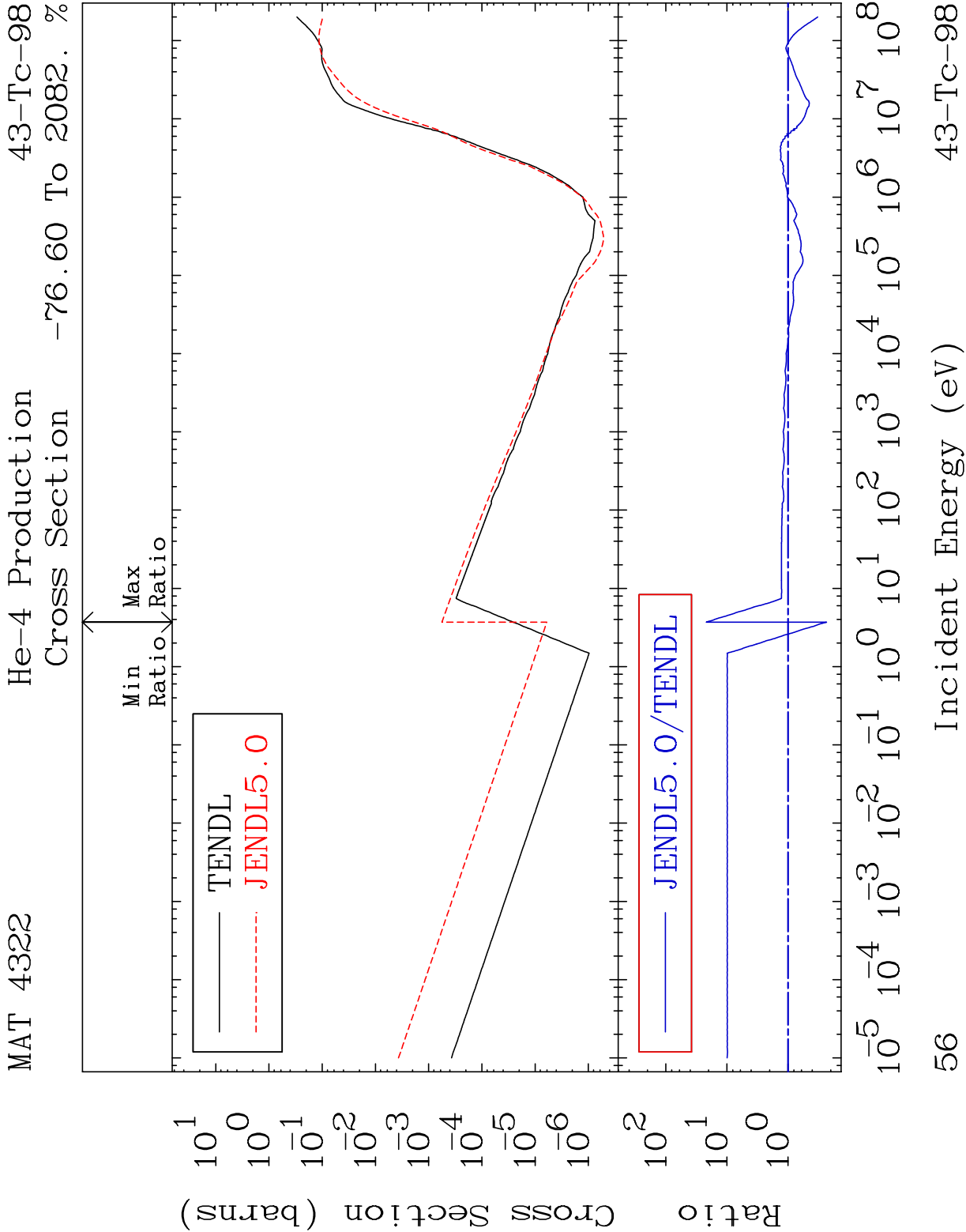






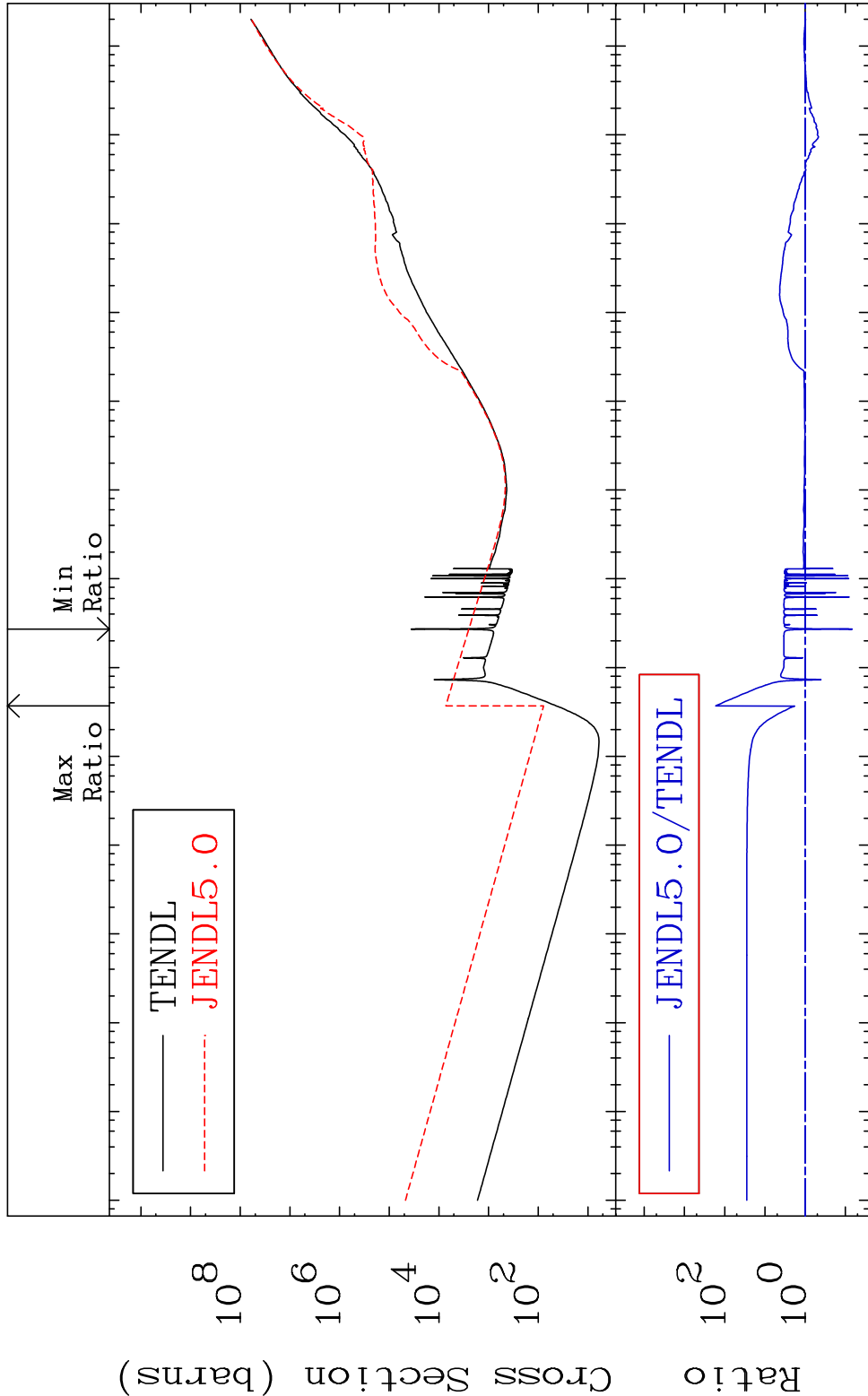






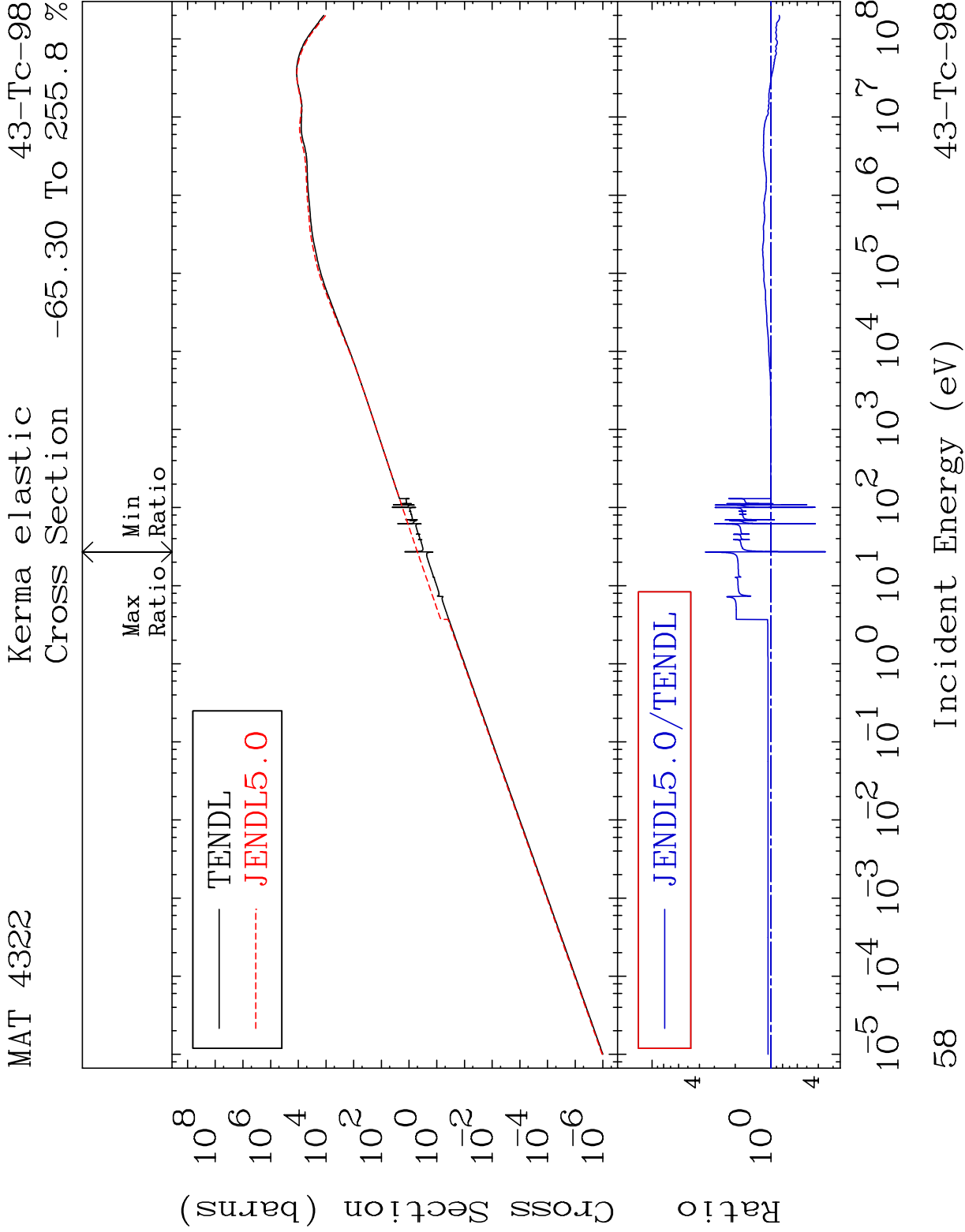
MAT 4322 Kerma total (eV-barns) 43-Tc-98

Cross Section -93.21 To 9999. %

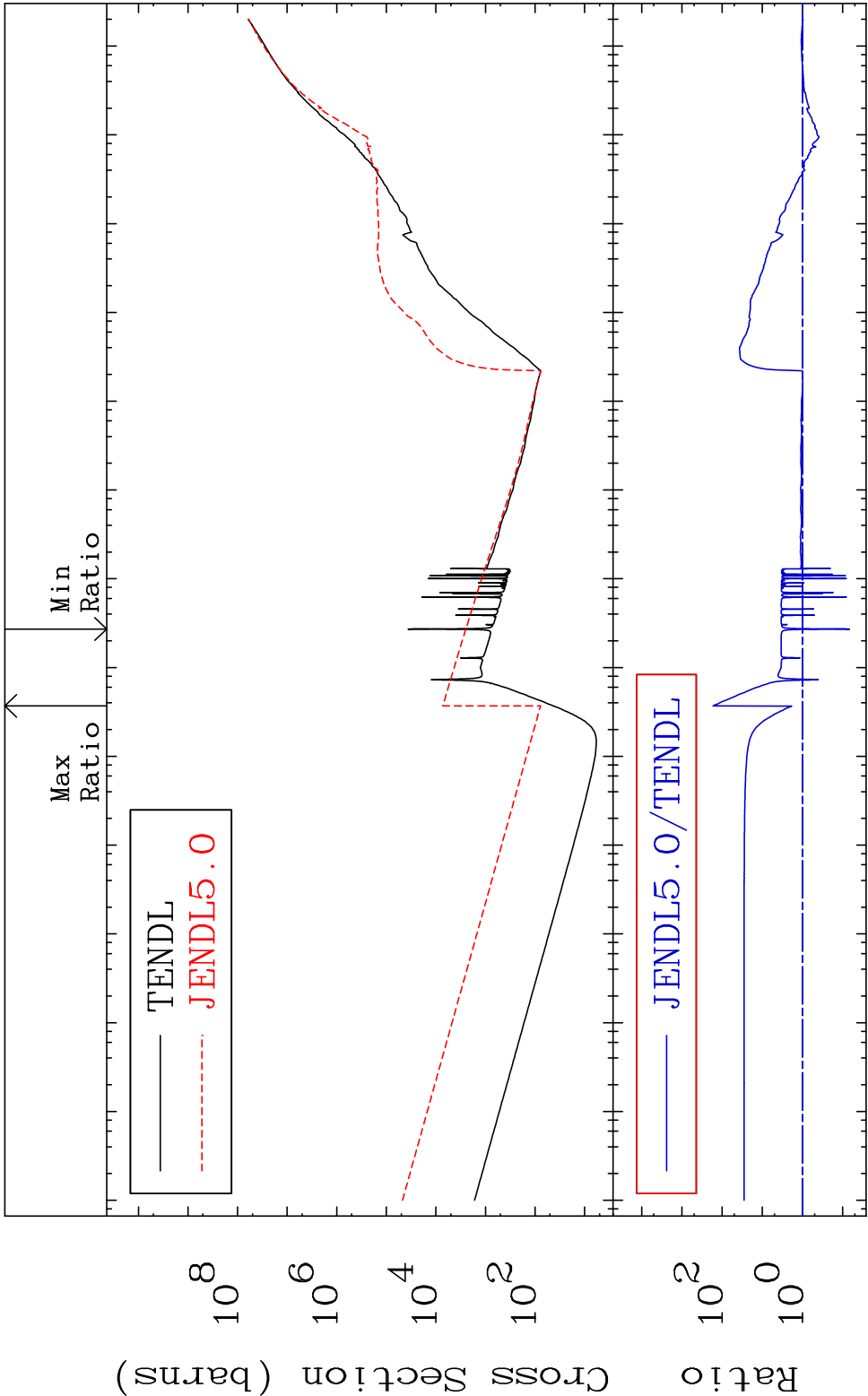


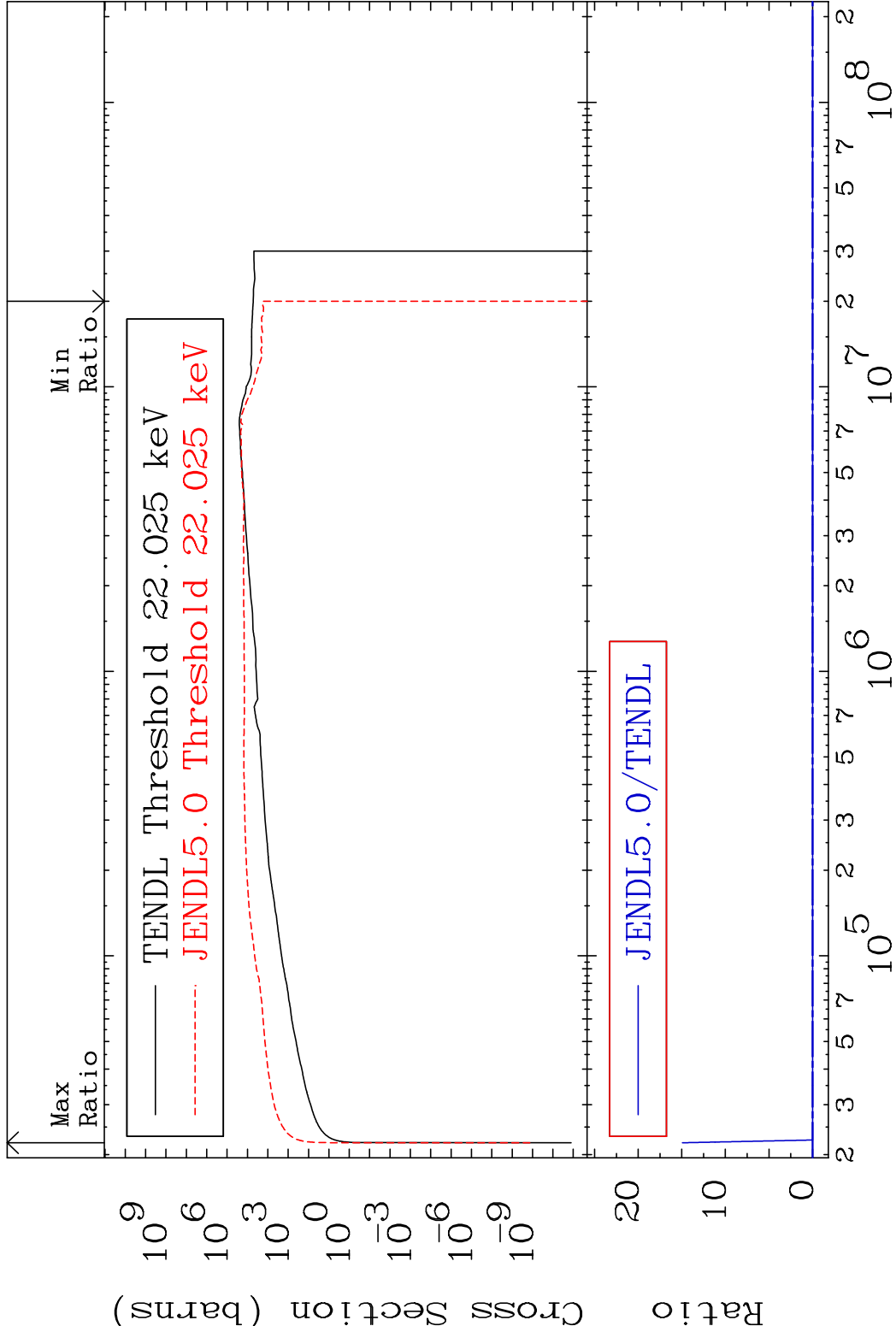
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

57 Incident Energy (eV) 43-Tc-98



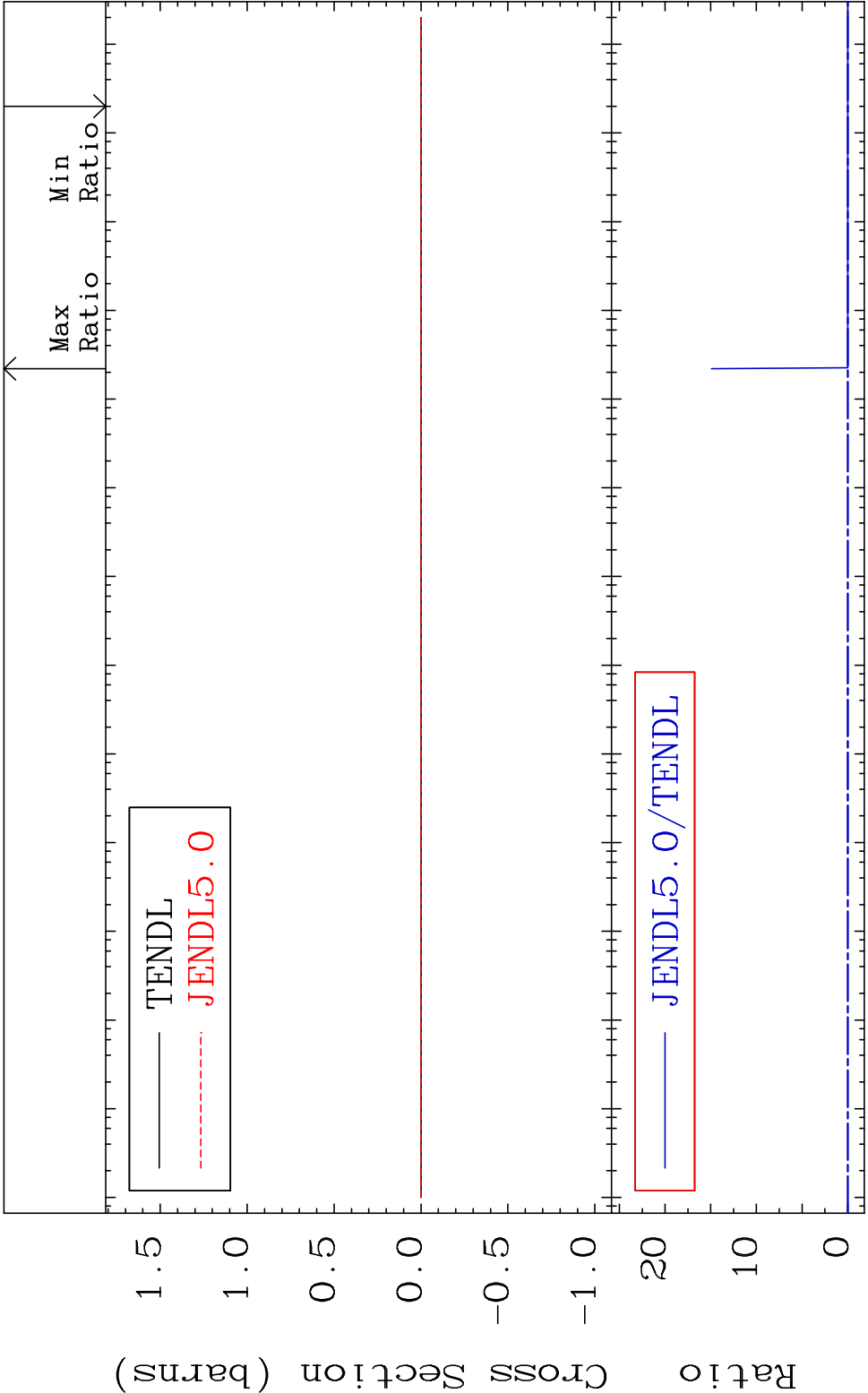
MAT 4322 Kerma non-elastic (all but mt2) 43-Tc-98
Cross Section -93.22 To 9999. %

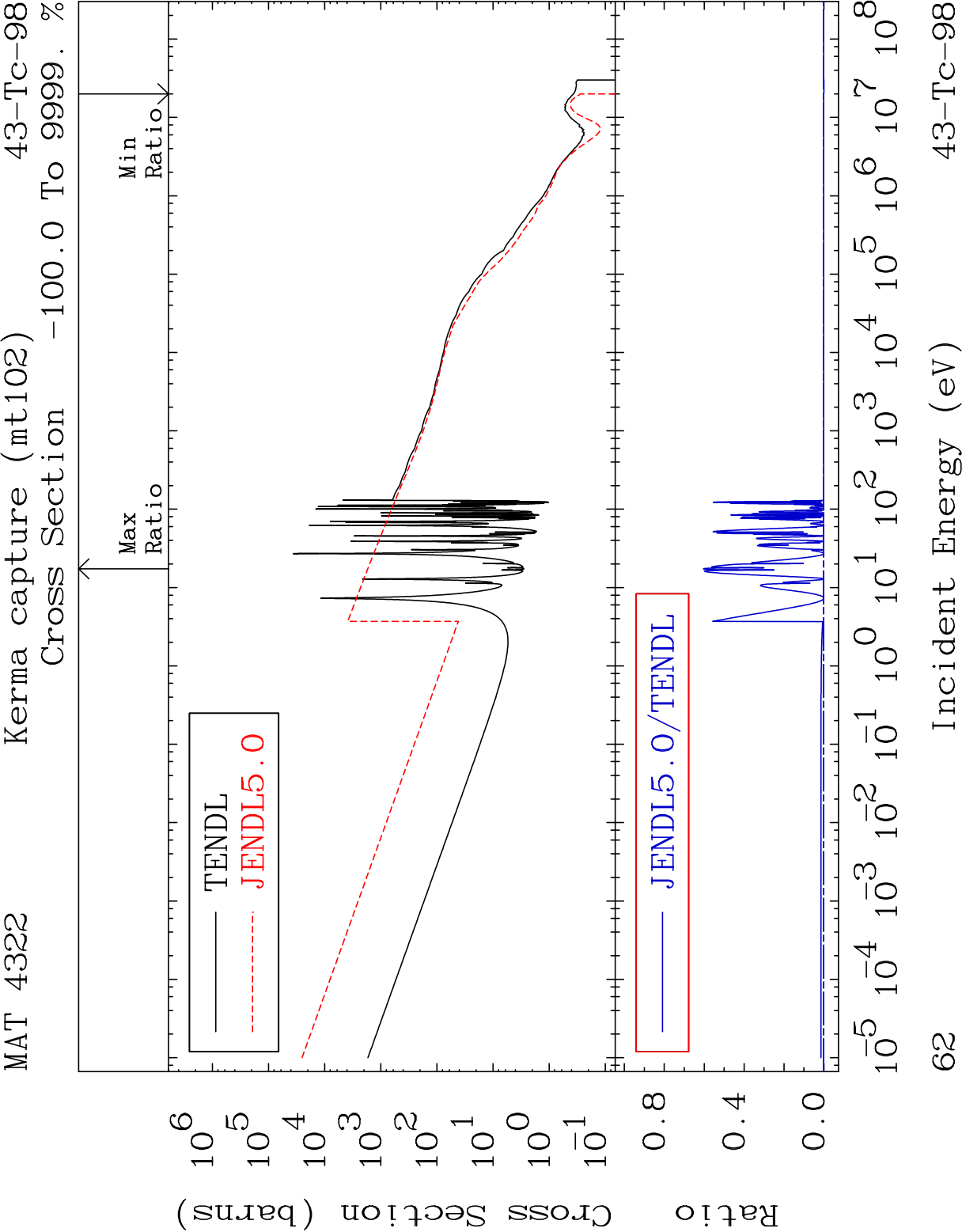




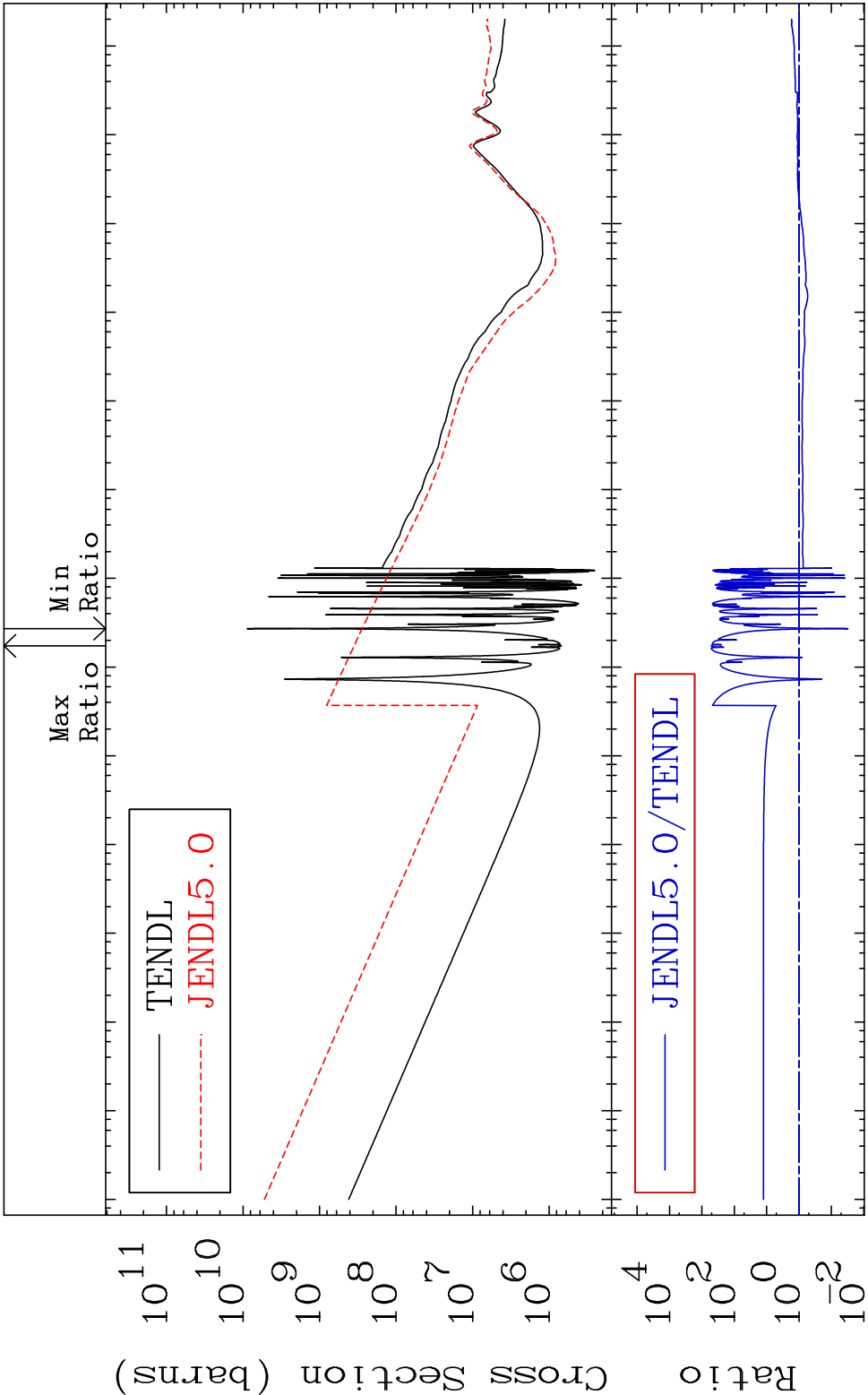
MAT 4322Kerma fission (mt18 or mt19-20-21-38) 43-Tc-98

Cross Section -100.0 To 9999. %

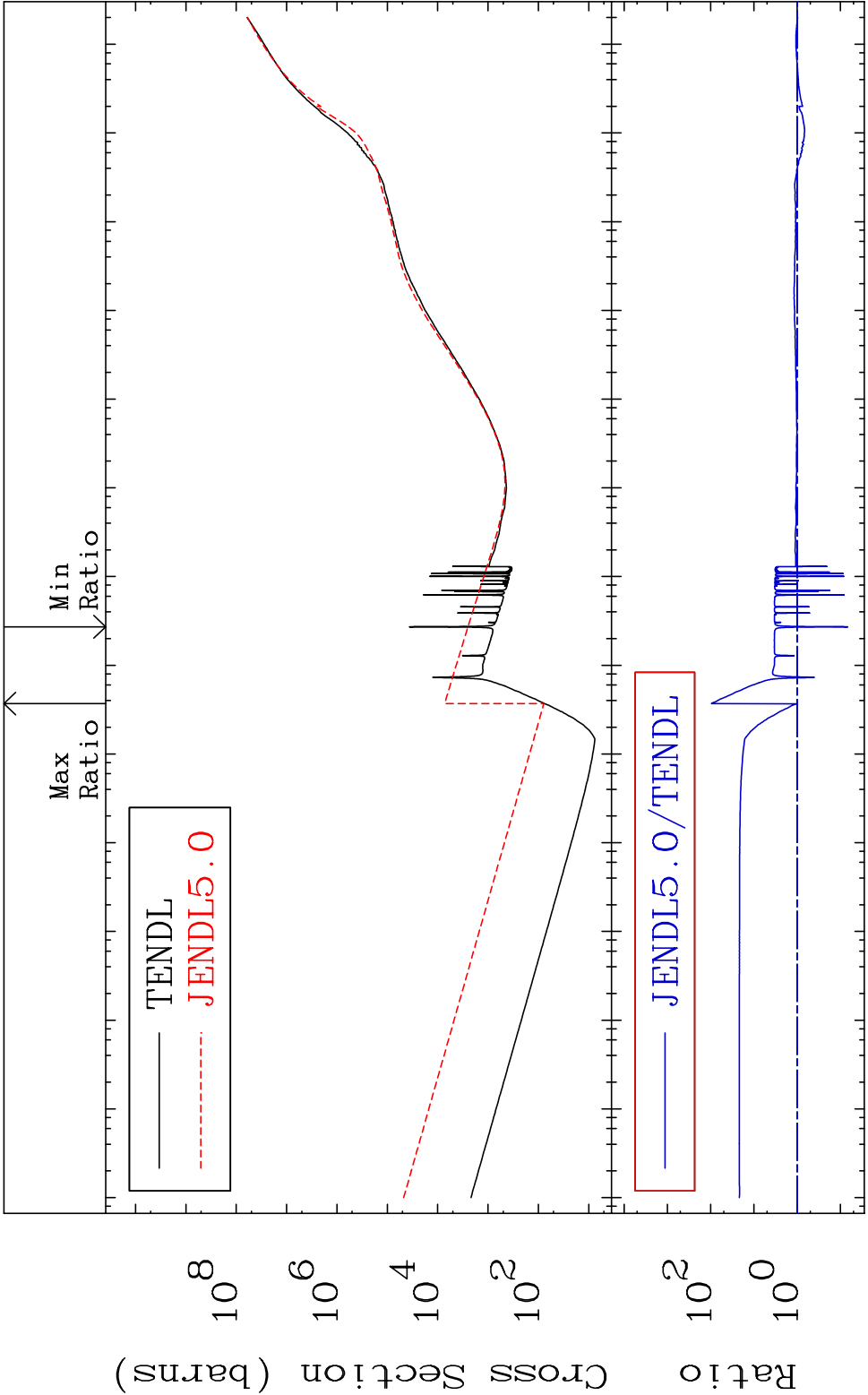




MAT 4322 Total photon (eV-barns) 43-Tc-98
Cross Section -96.87 To 9999. %

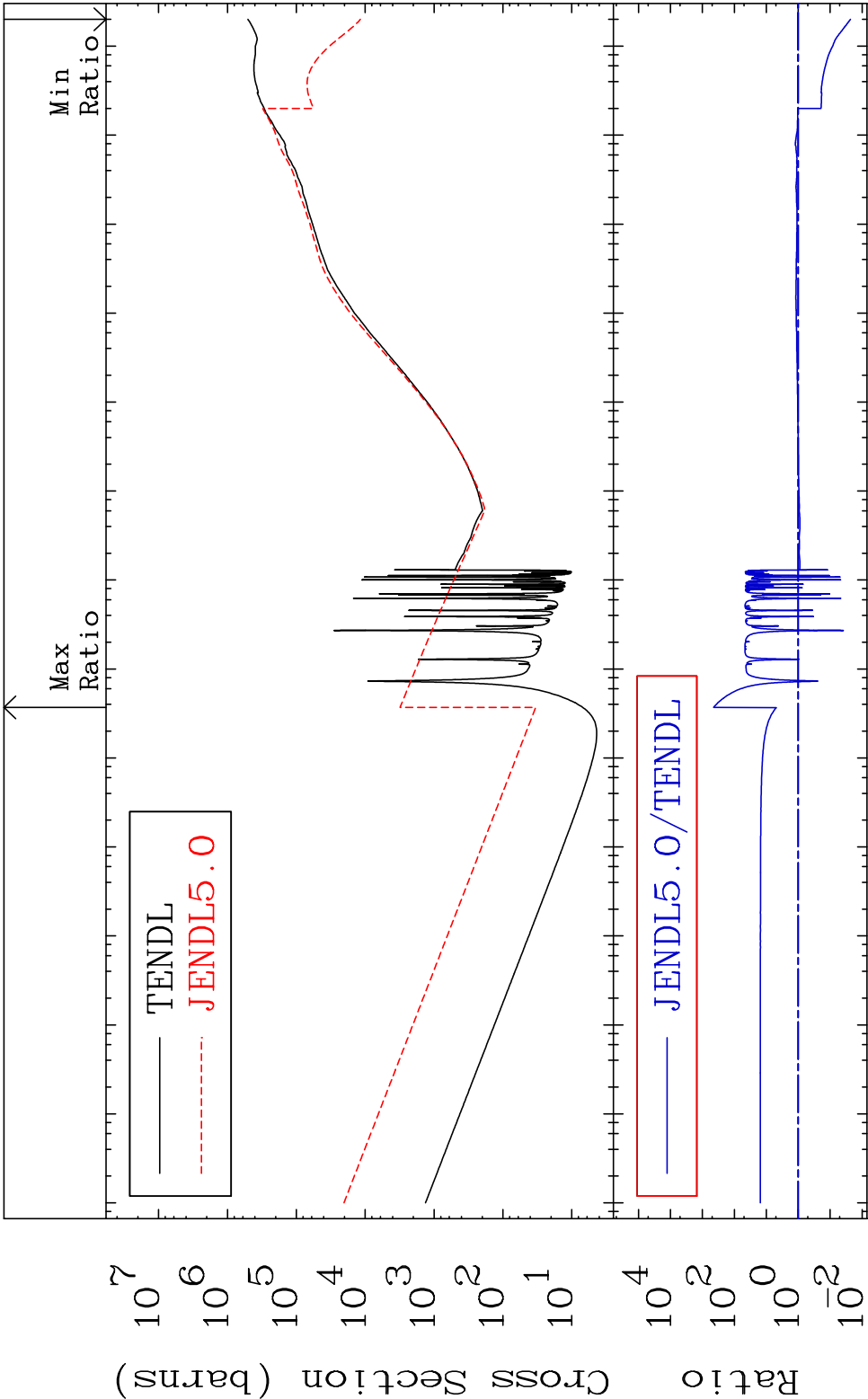


MAT 4322 Total kinematic kerma (high limit) 43-Tc-98
Cross Section -93.21 To 9544. %



64 Incident Energy (eV) 43-Tc-98

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



65 Incident Energy (eV) 43-Tc-98

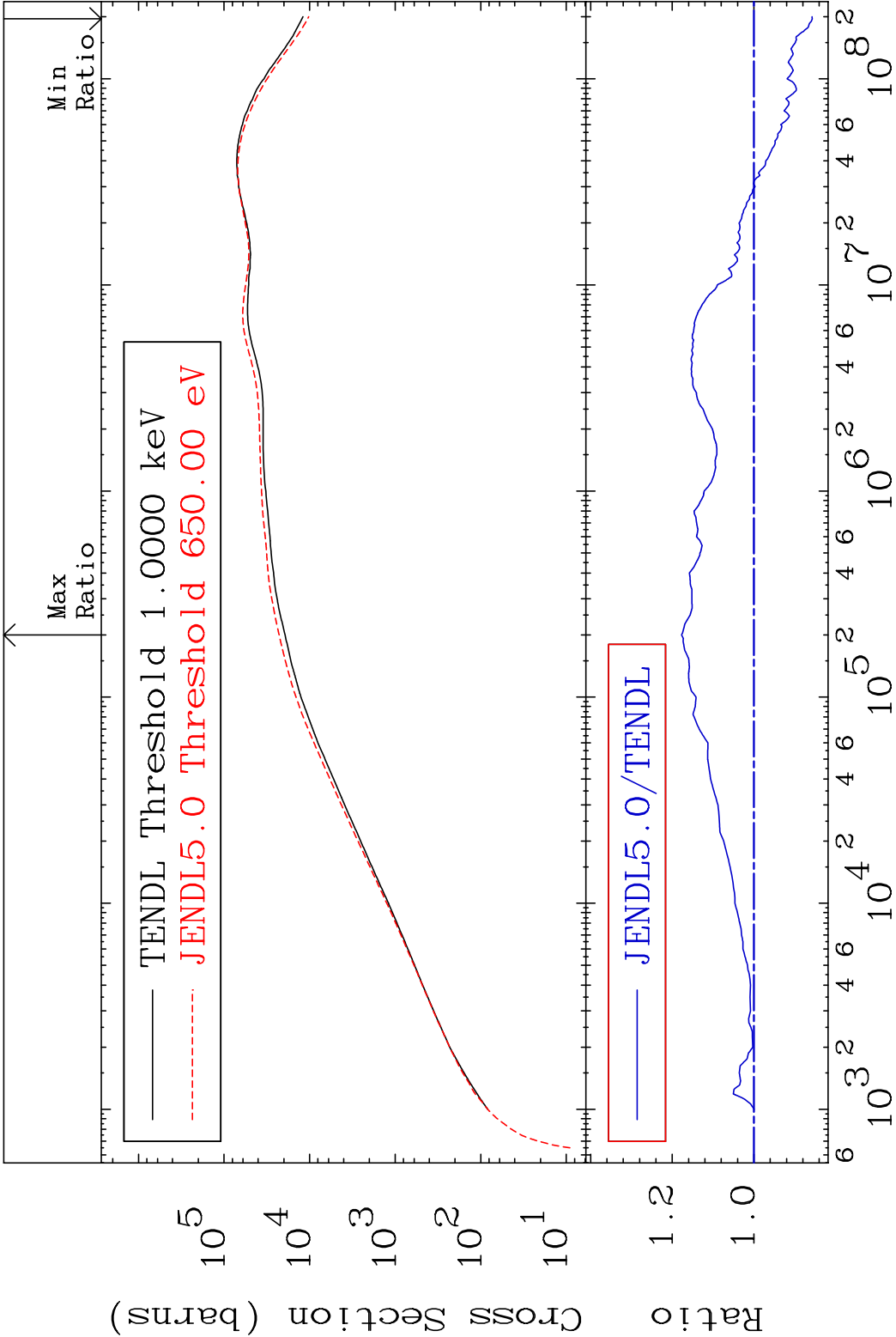
MAT 4322

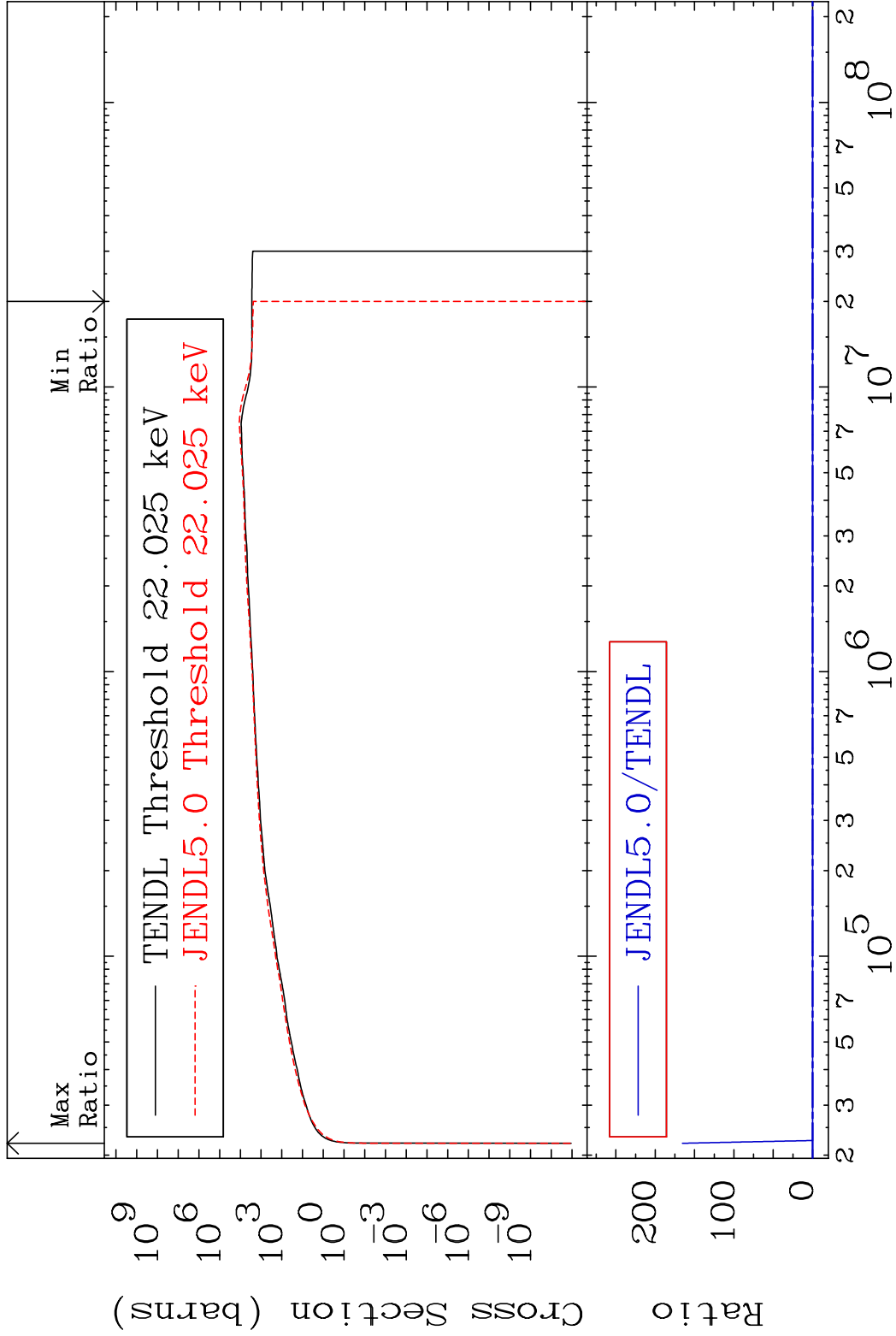
Dpa elastic (mt2)

43-Tc-98

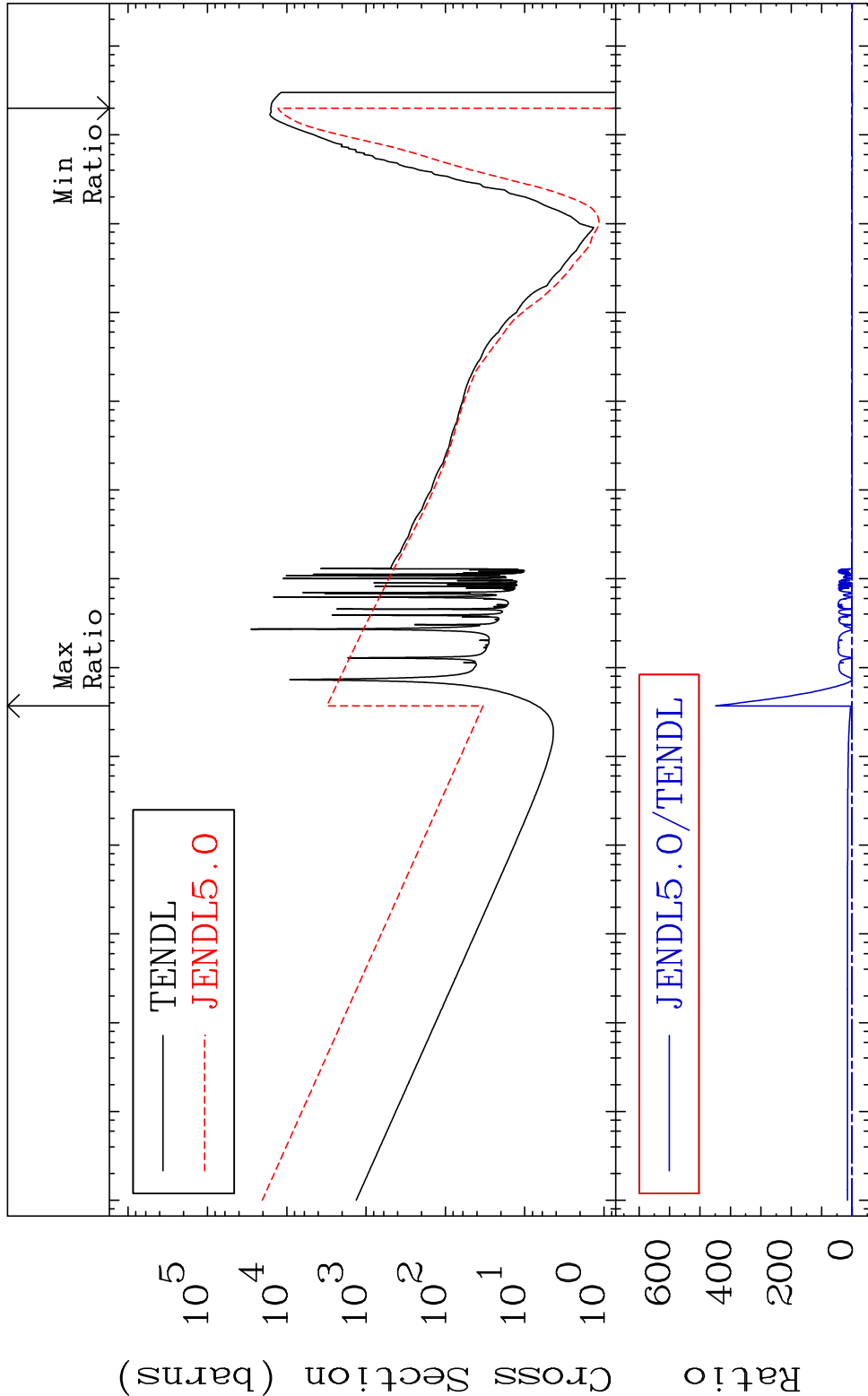
Cross Section

-14.29 To 17.72 %

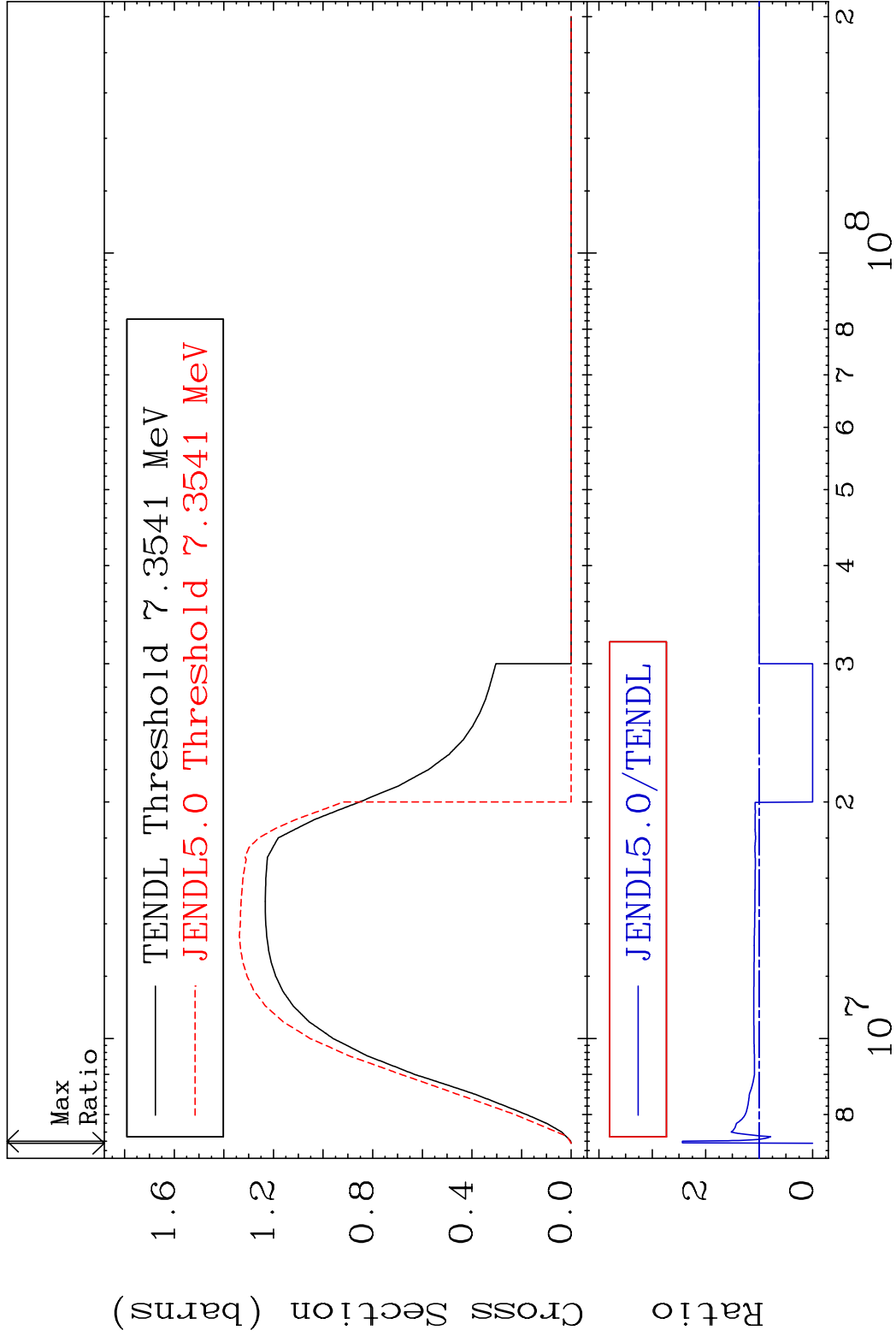


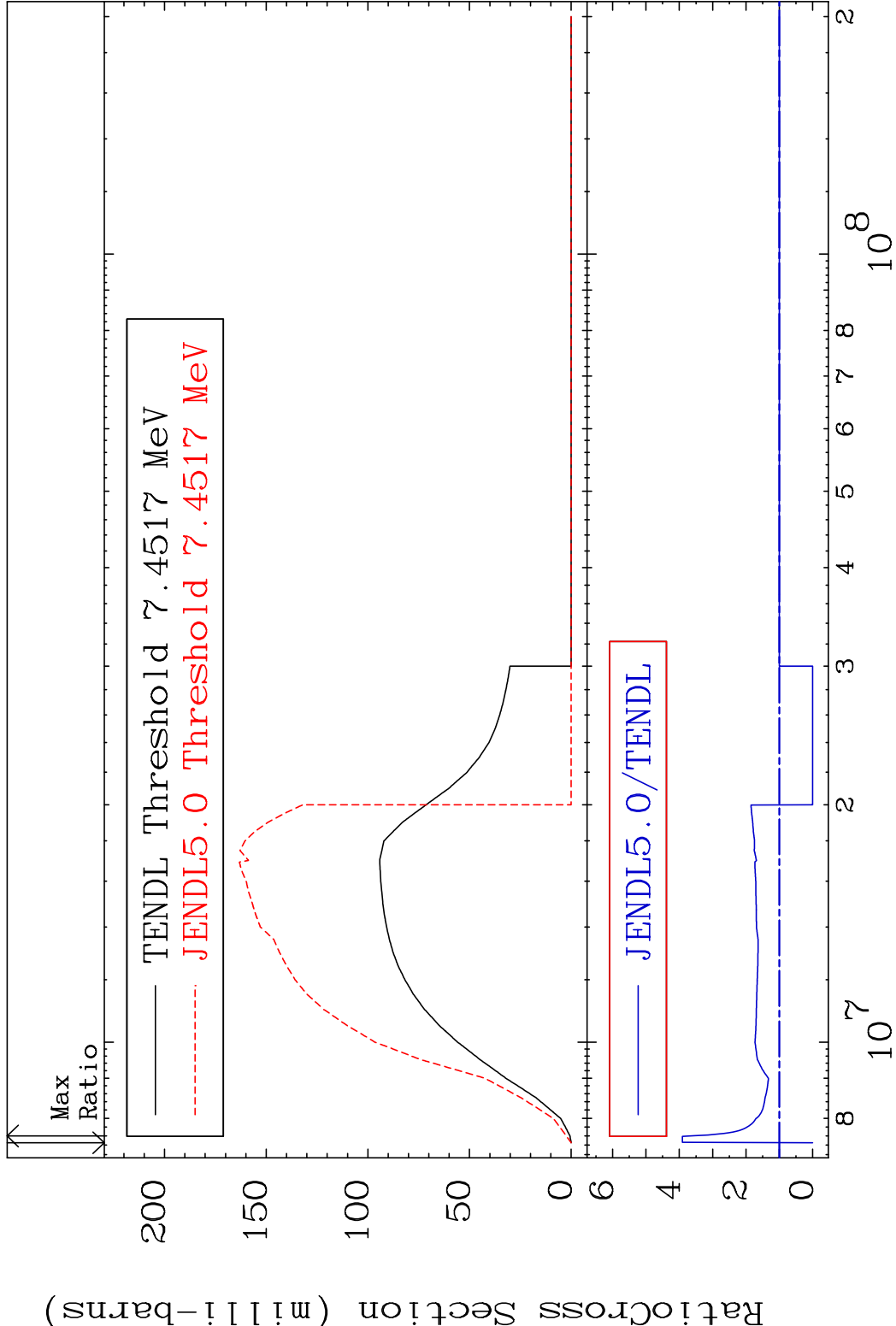


Cross Section -100.0 To 9999. %

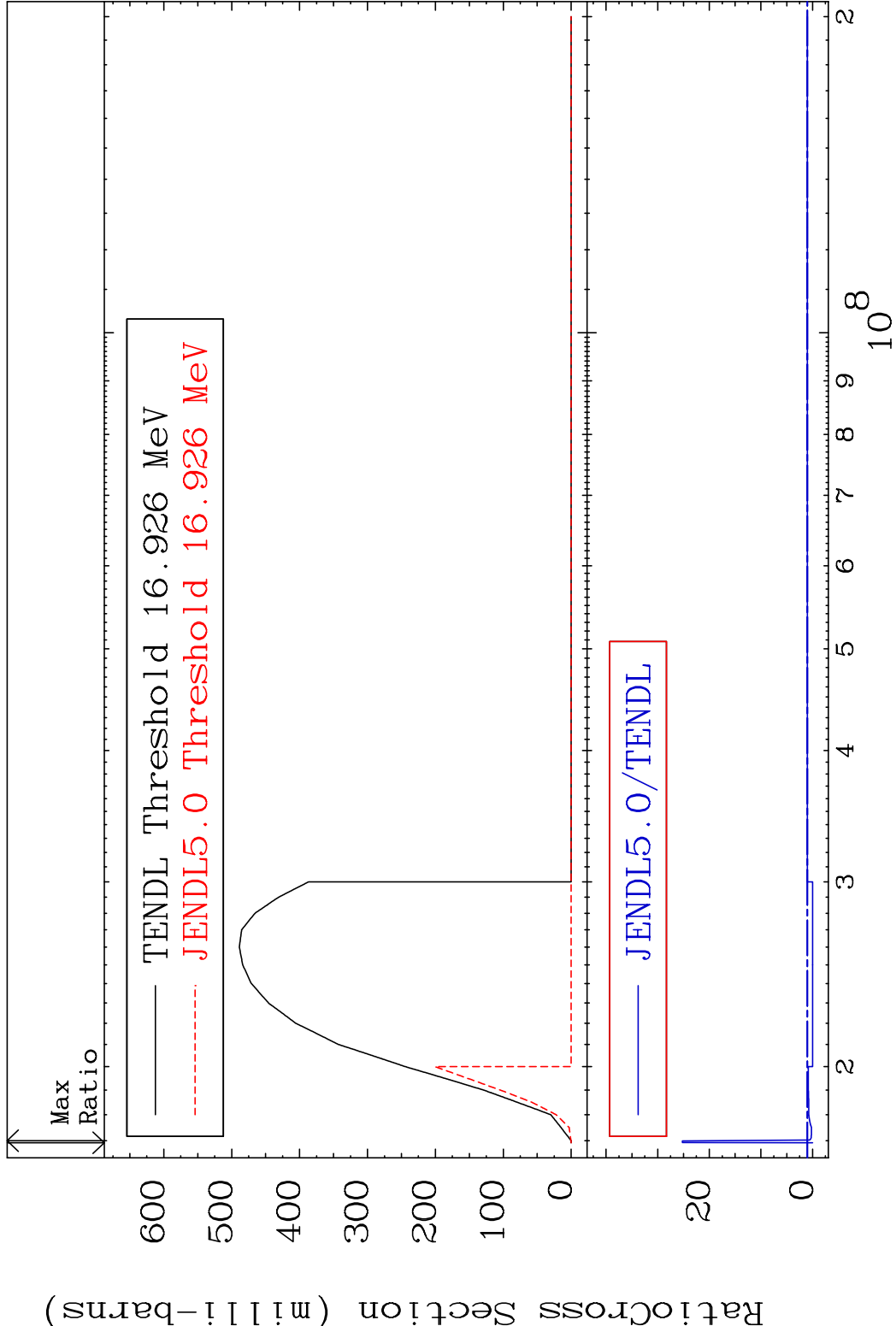


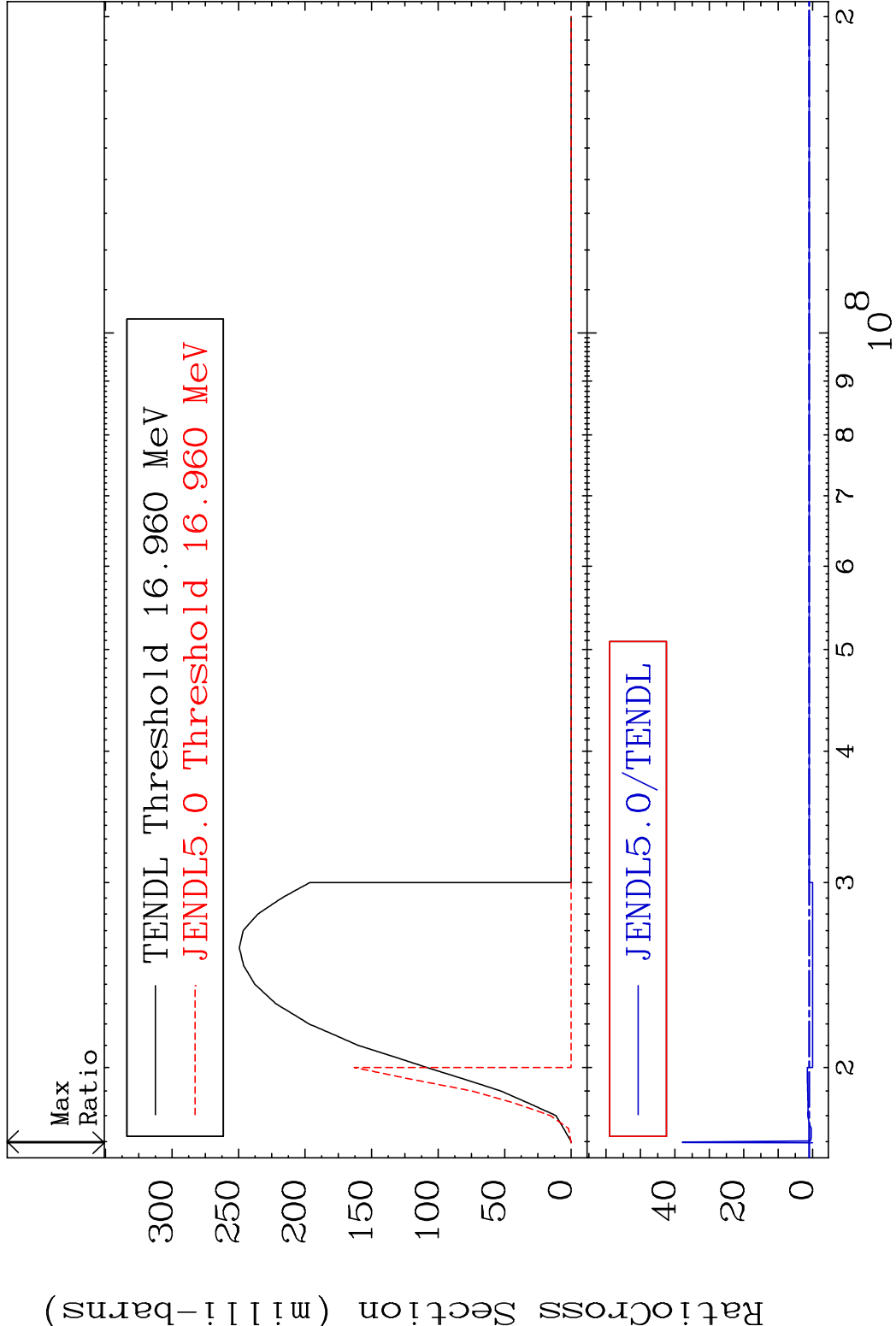
Incident Energy (eV)

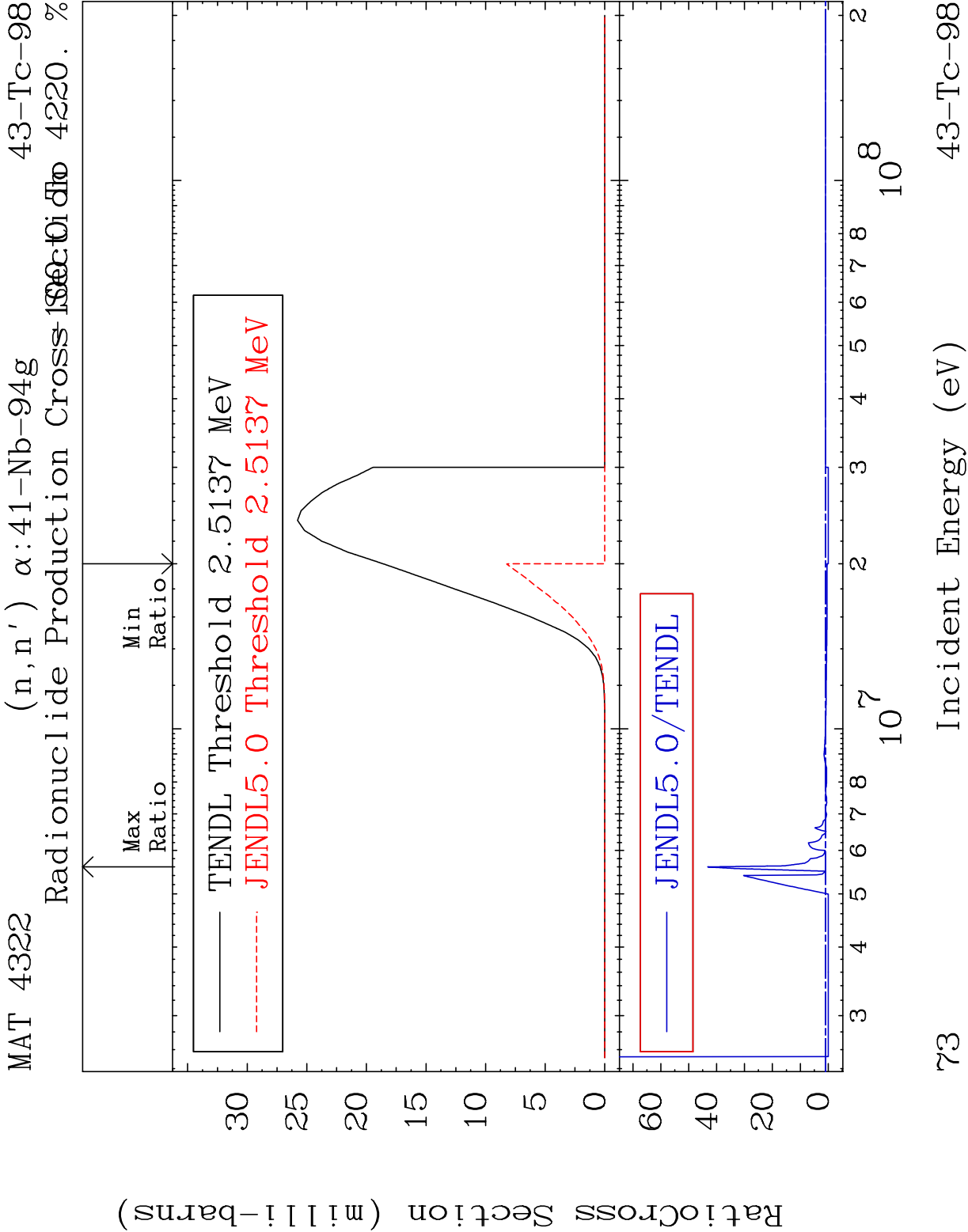


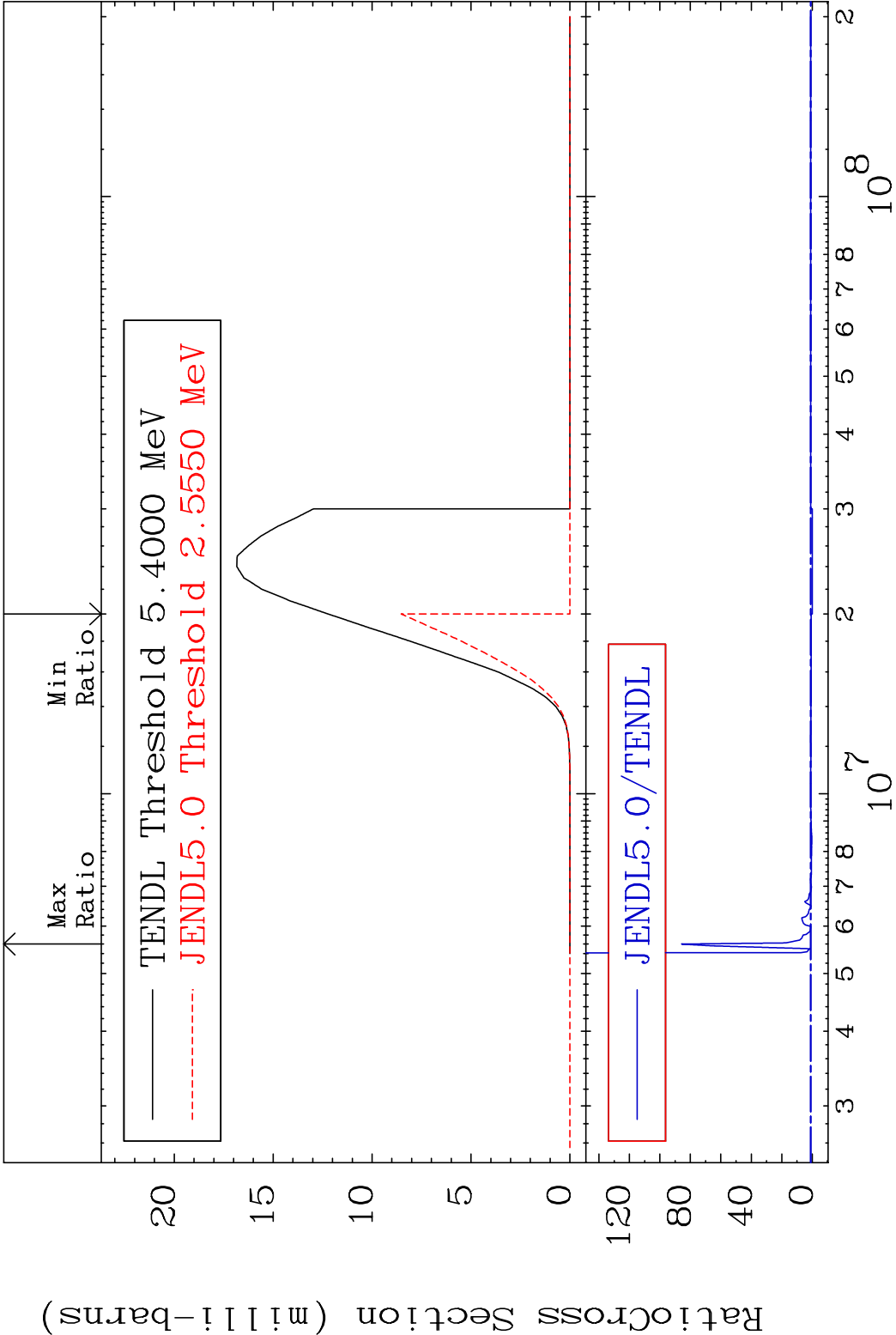


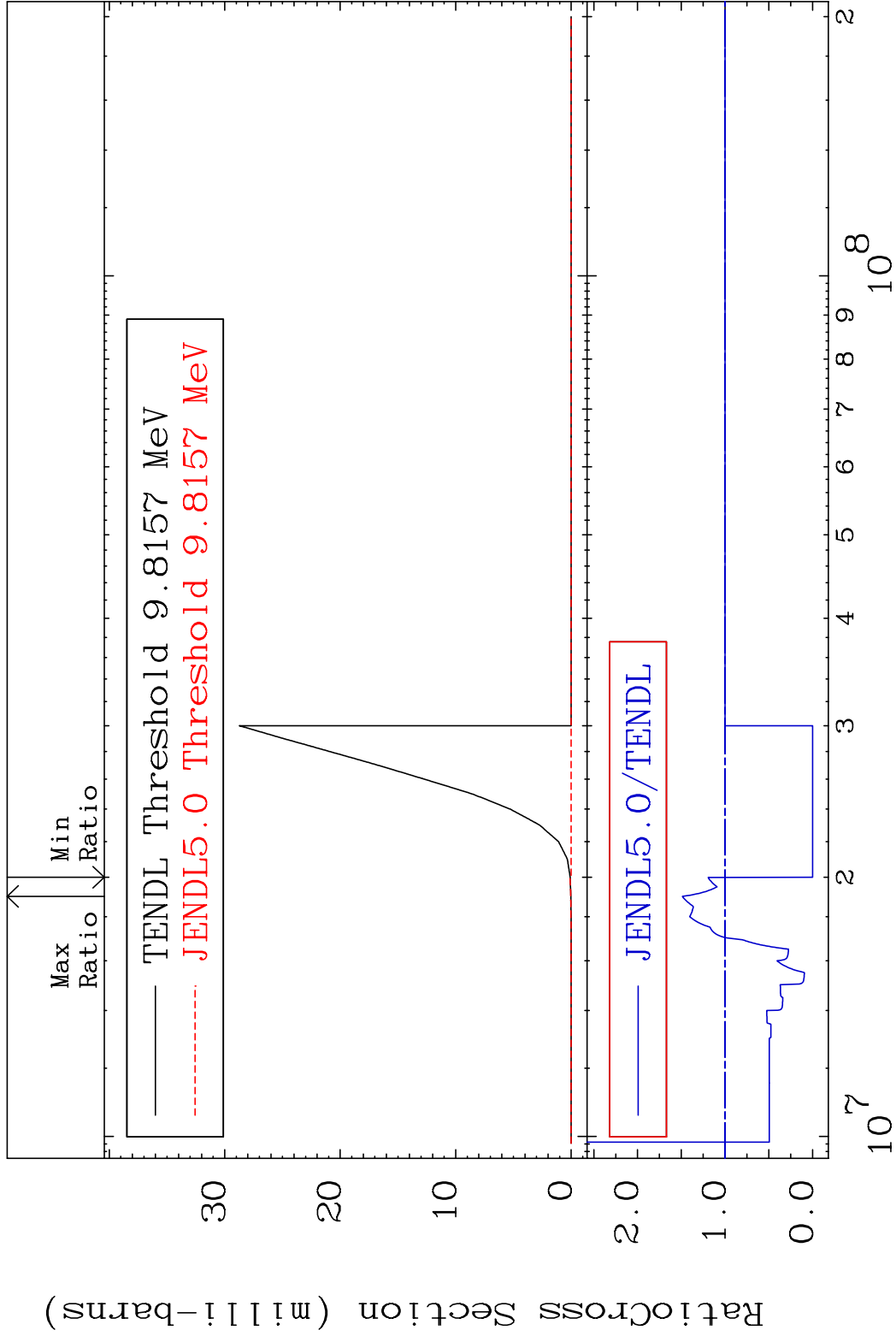
Radionuclide Production Cross Section (mb) 2422. %

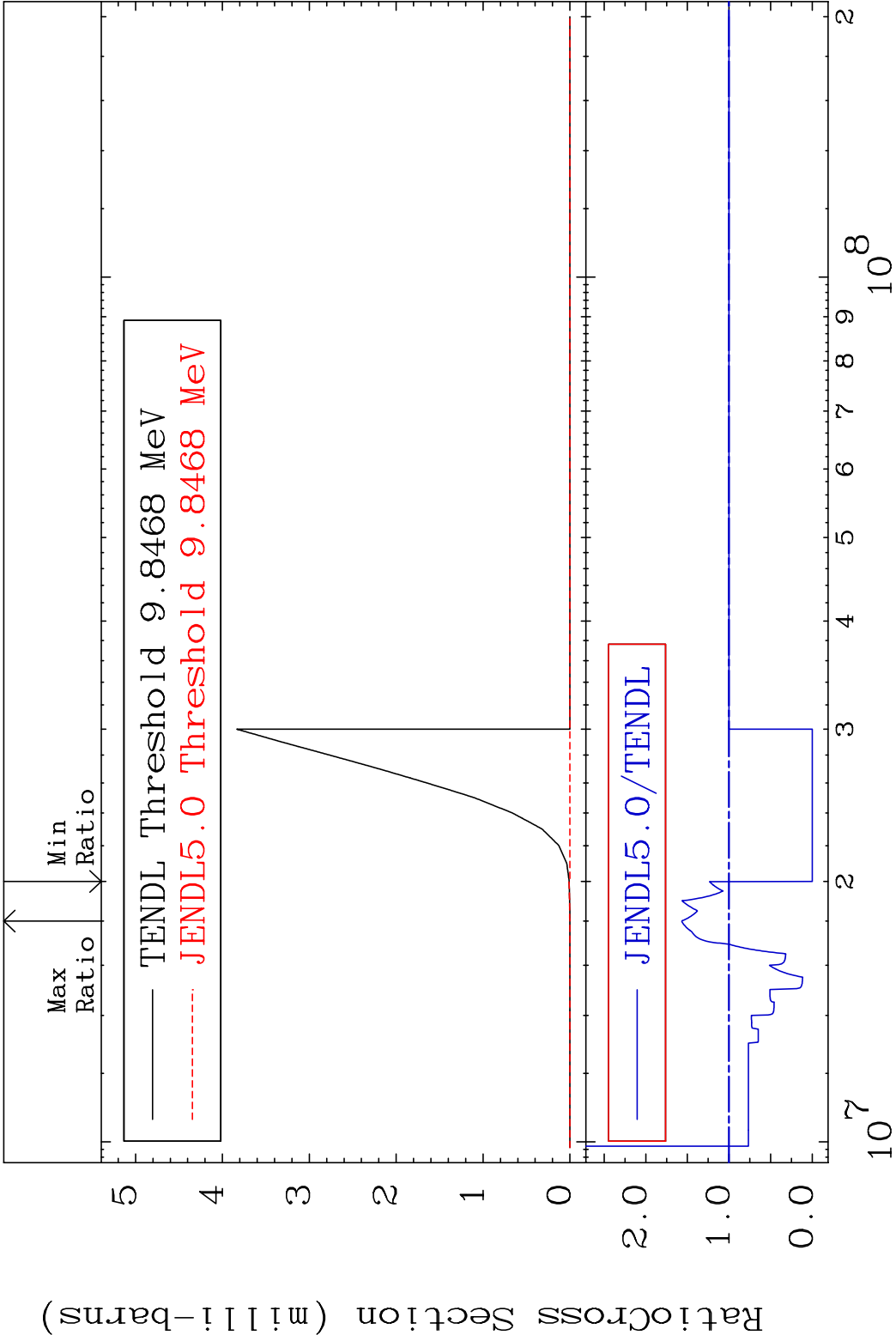






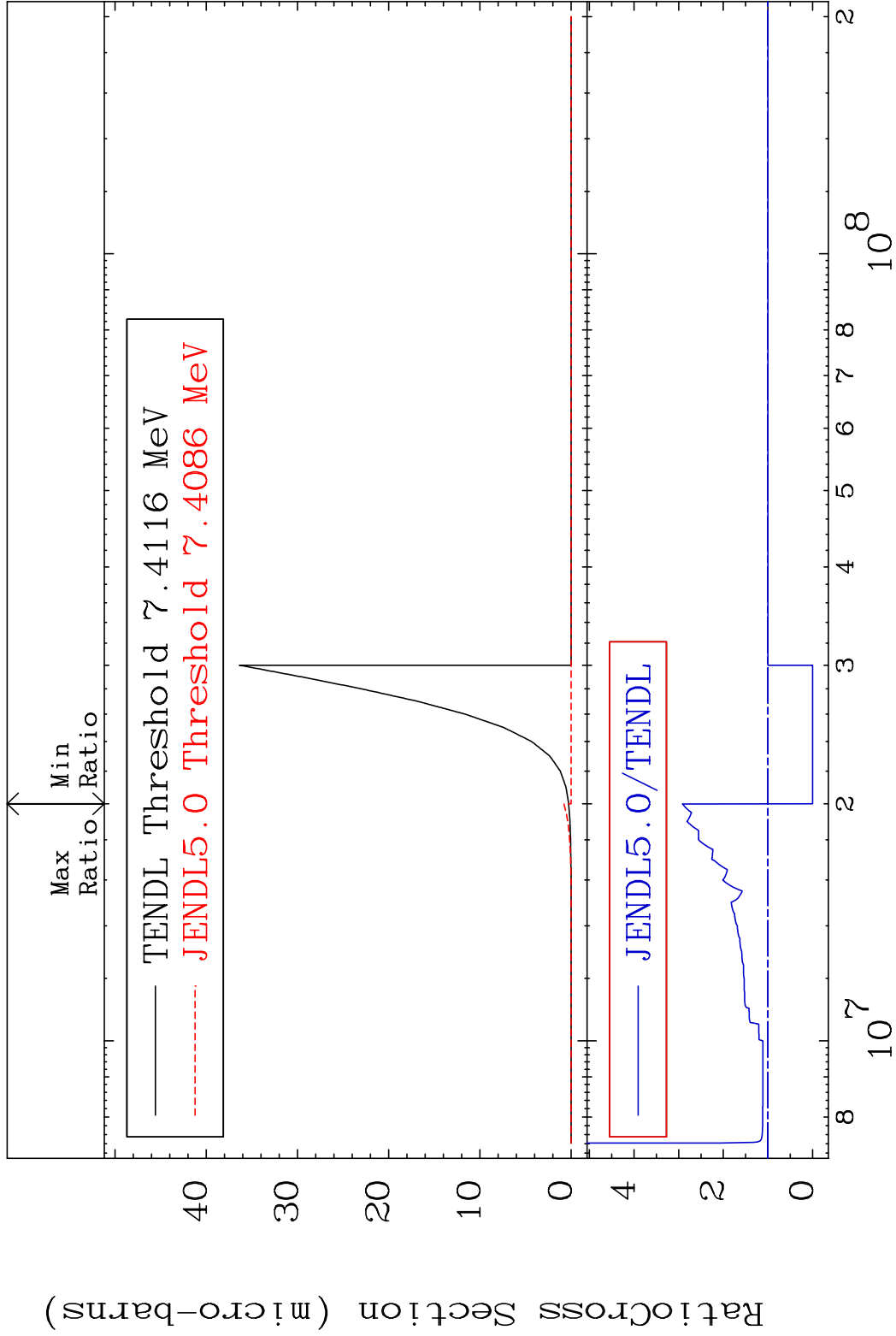




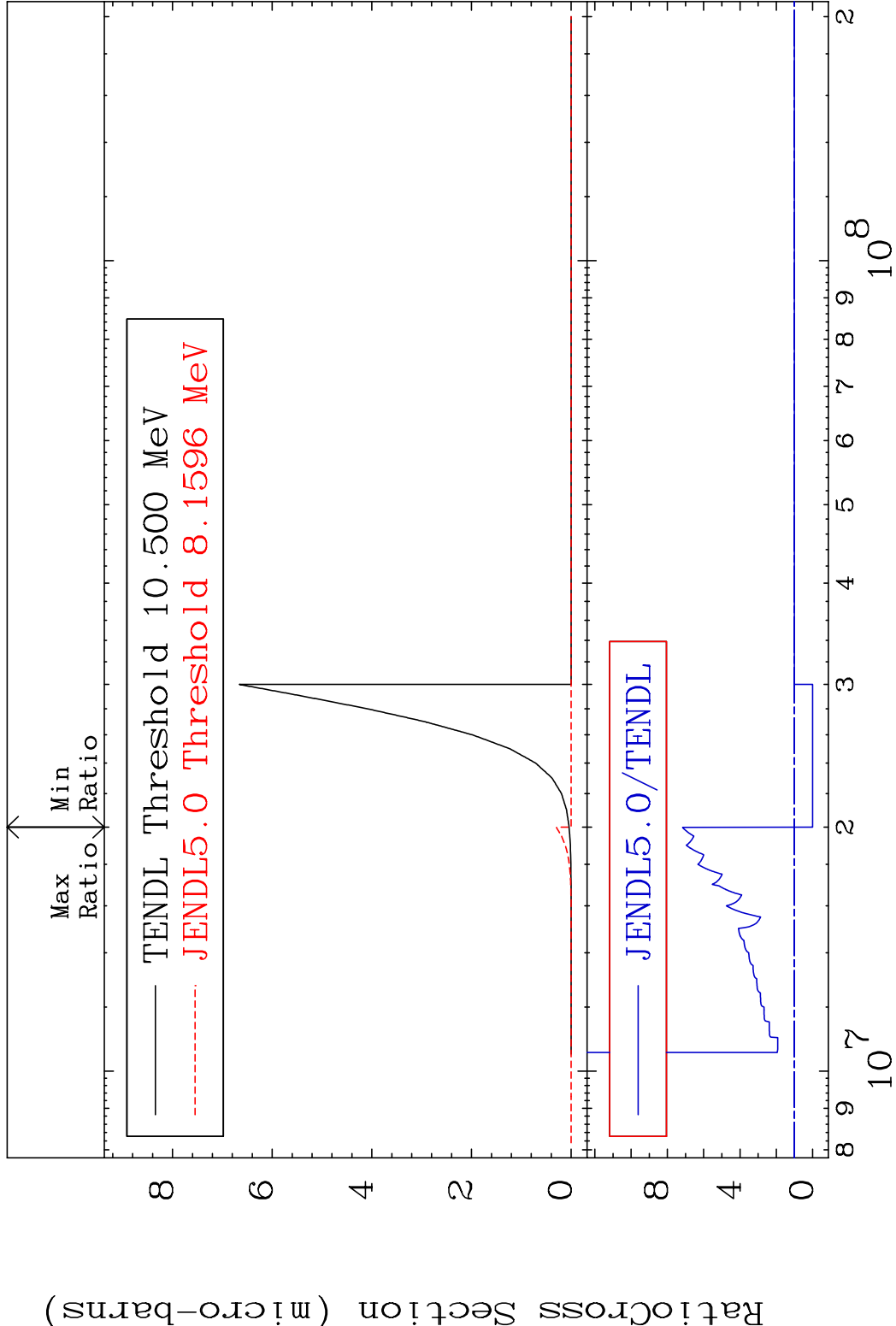


MAT 4322 (n,2p):41-Nb-97g 43-Tc-98

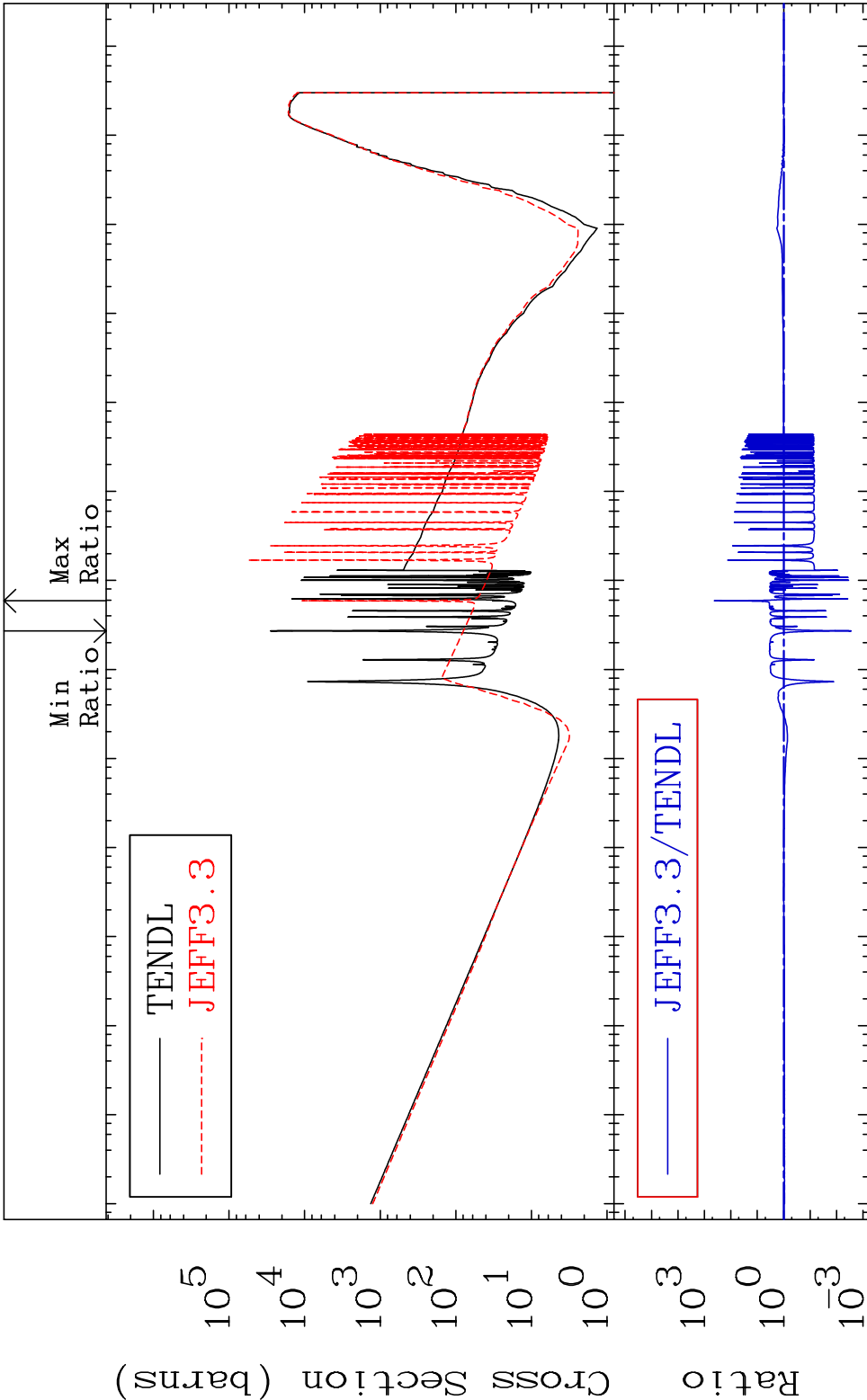
Radionuclide Production Cross Section (micro-barns)



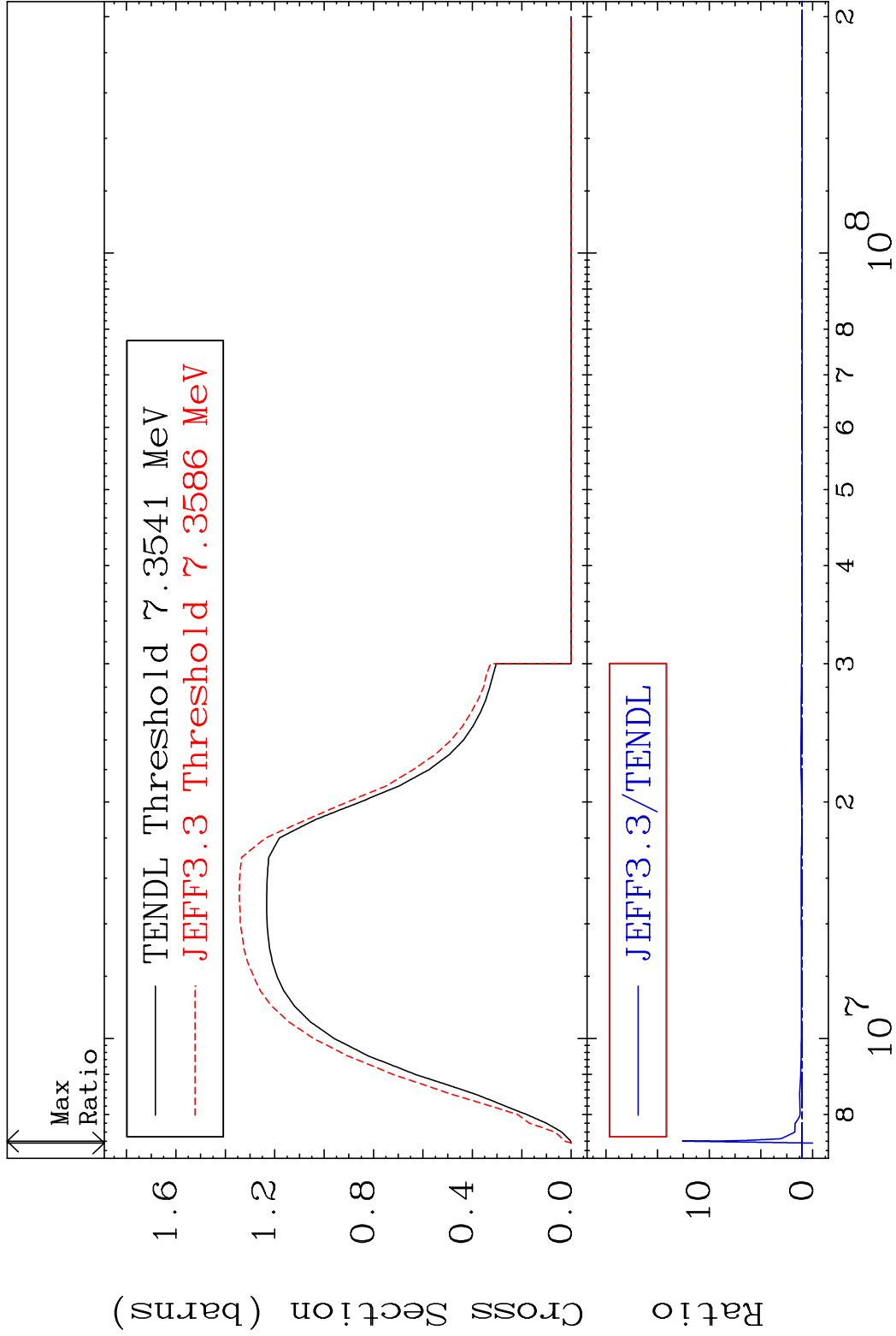
77 43-Tc-98

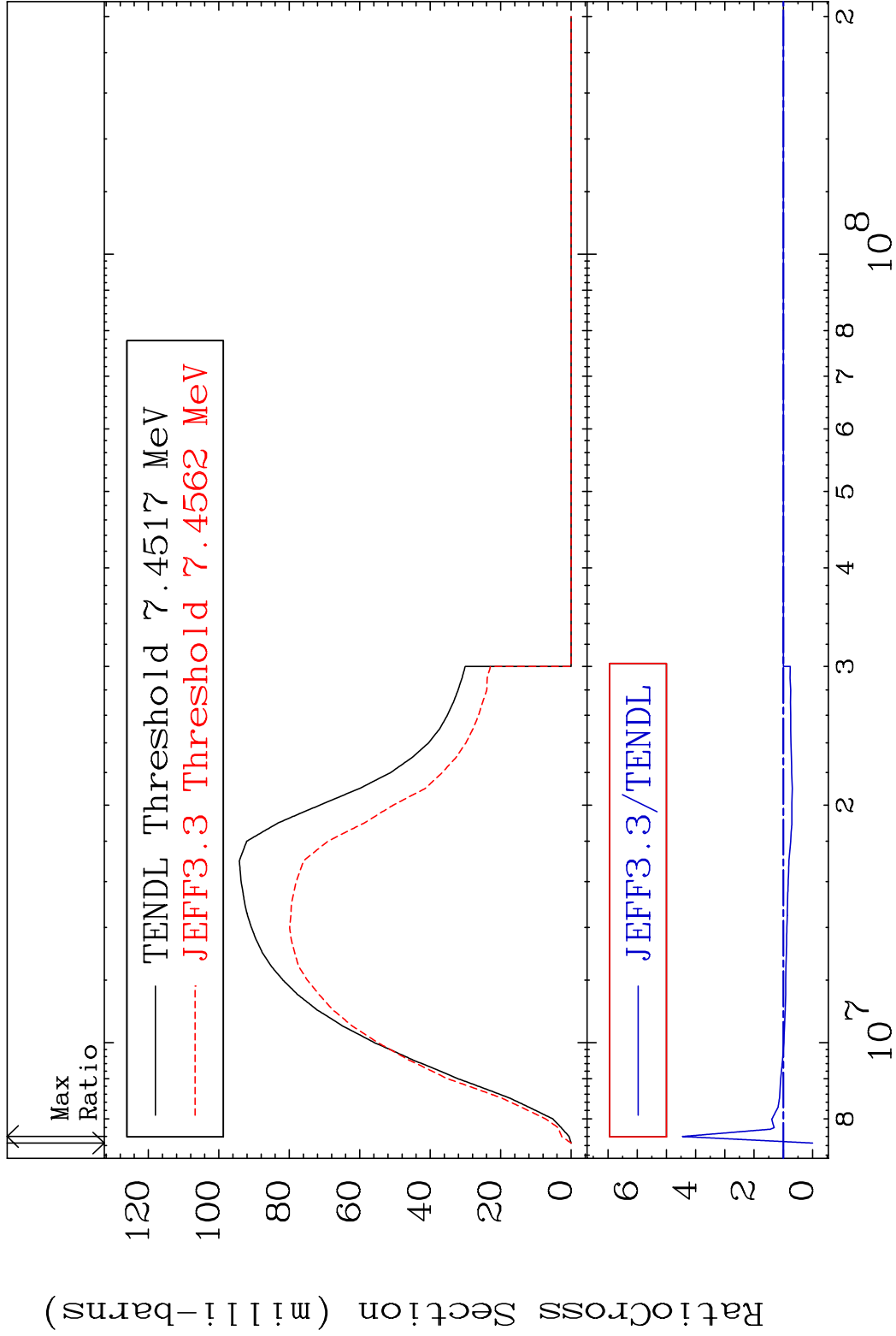


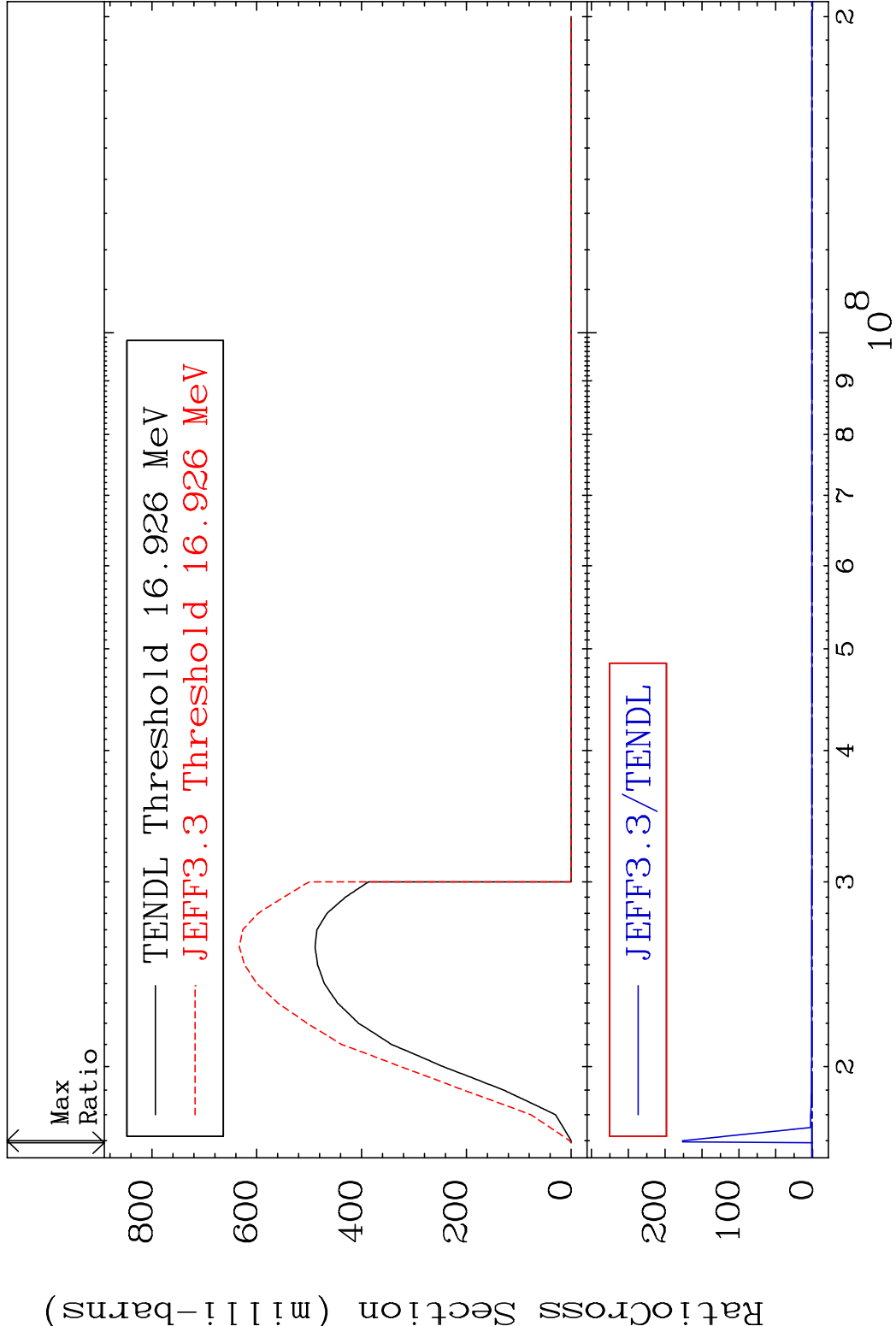
MAT 4322 Dpa disappearance (mt102 -120) 43-Tc-98
Cross Section -99.72 To 9999. %

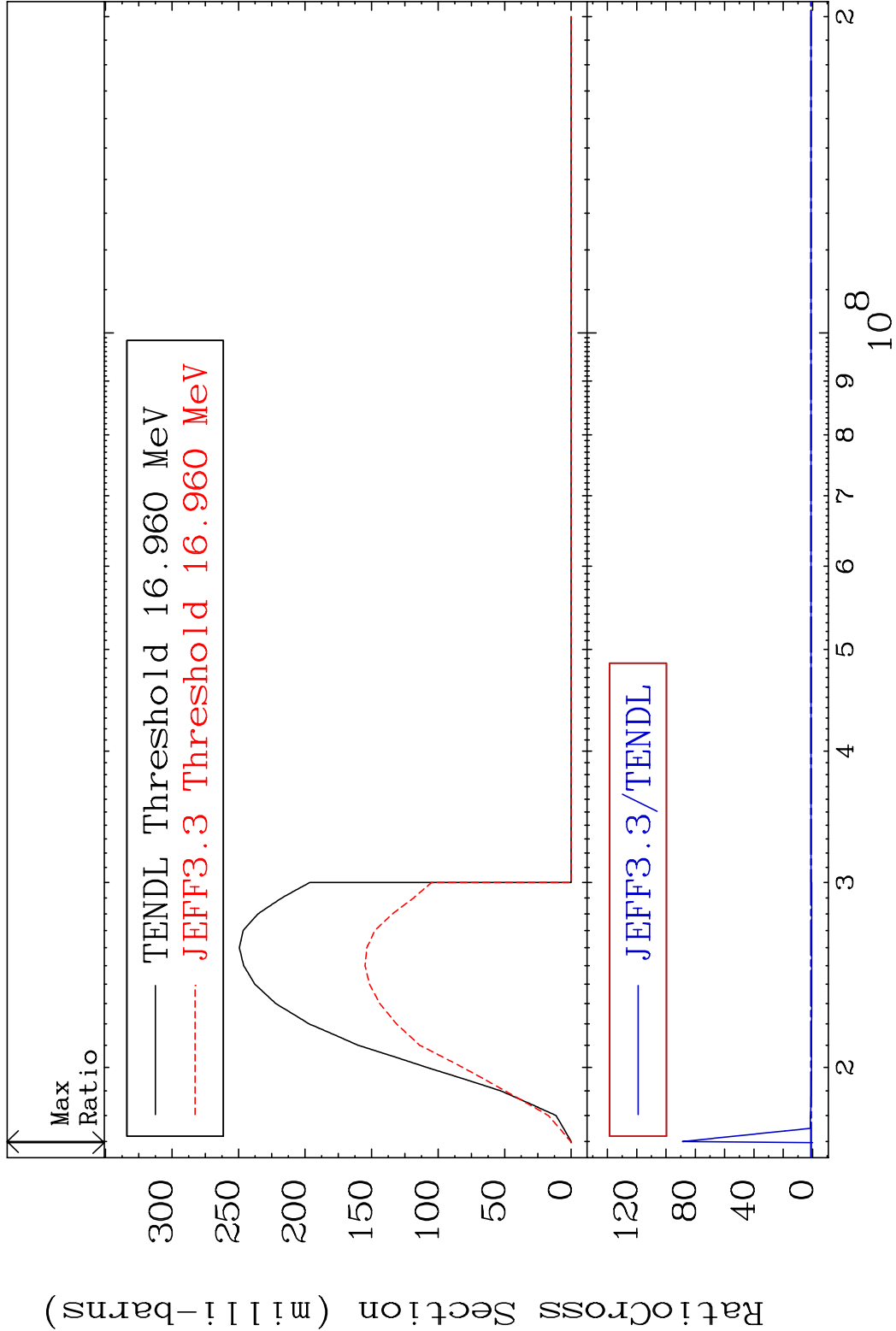


79 Incident Energy (eV) 43-Tc-98

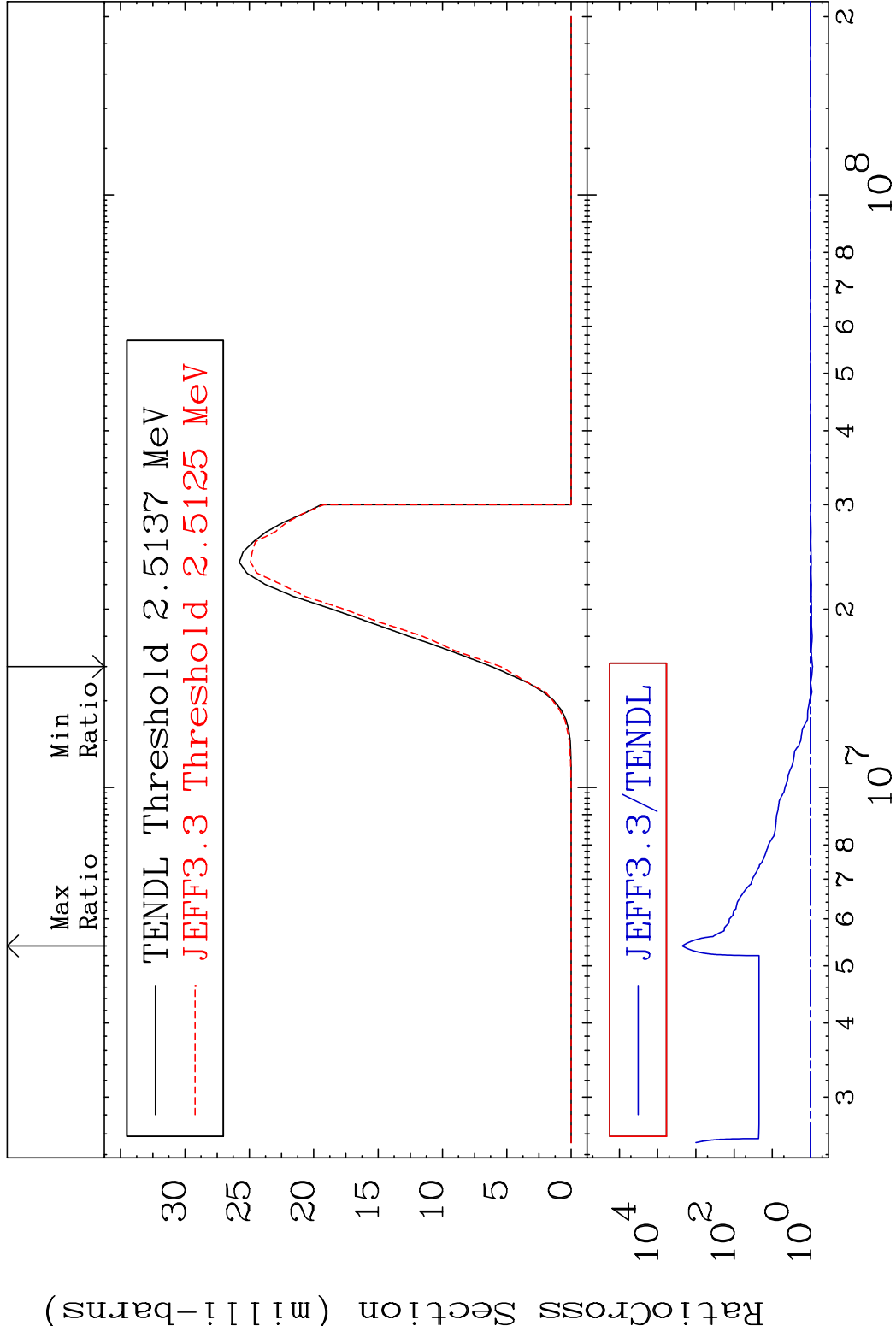


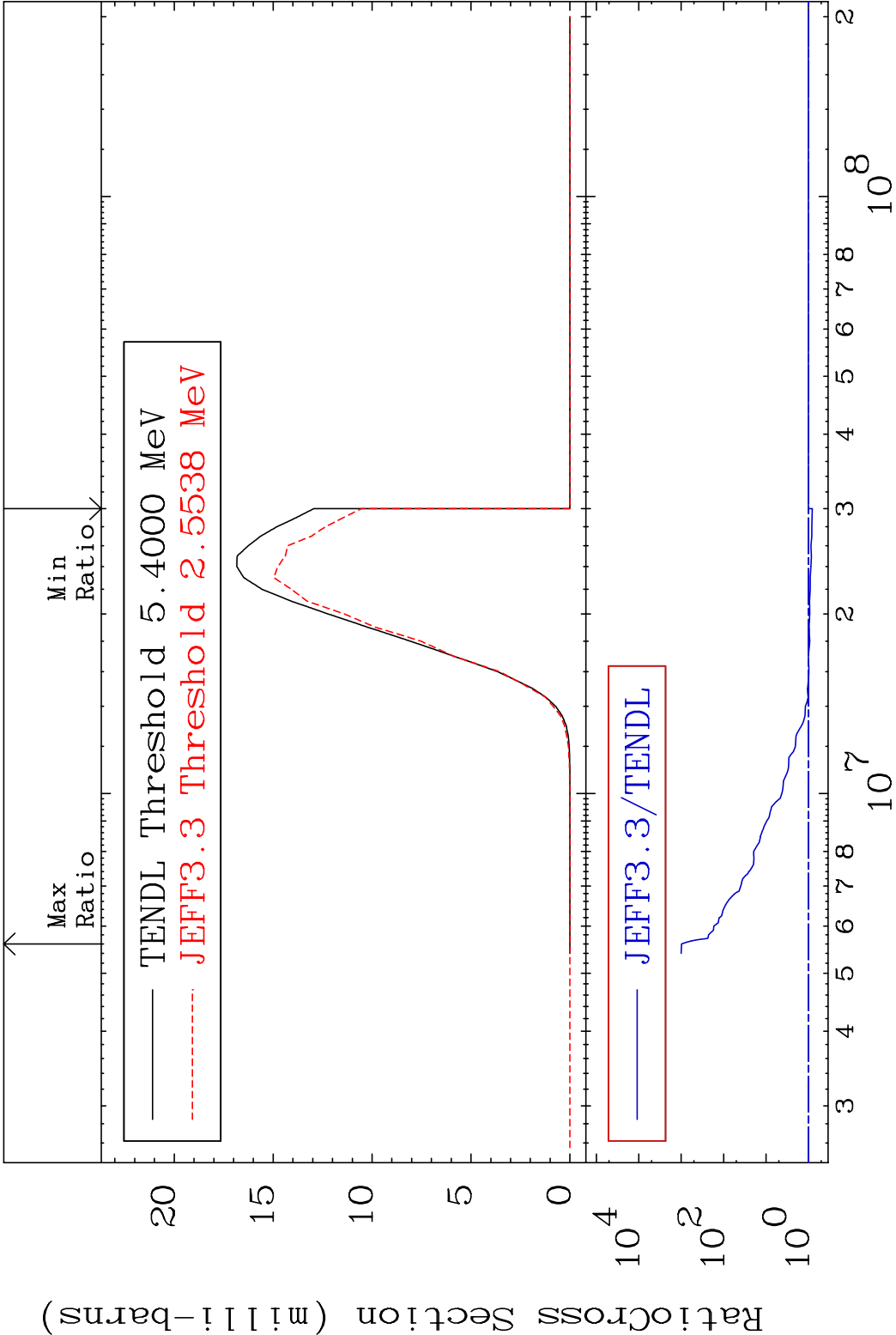


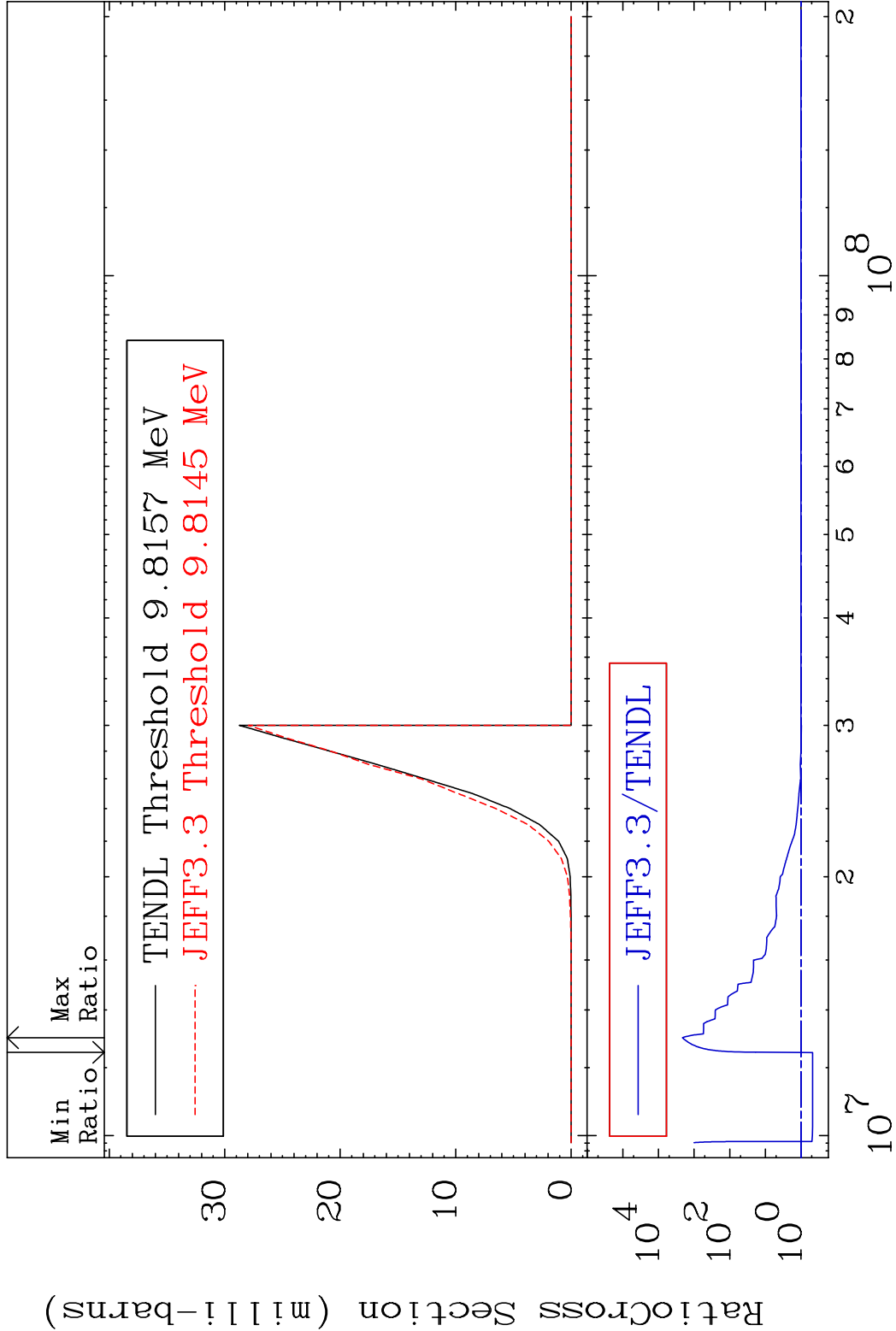


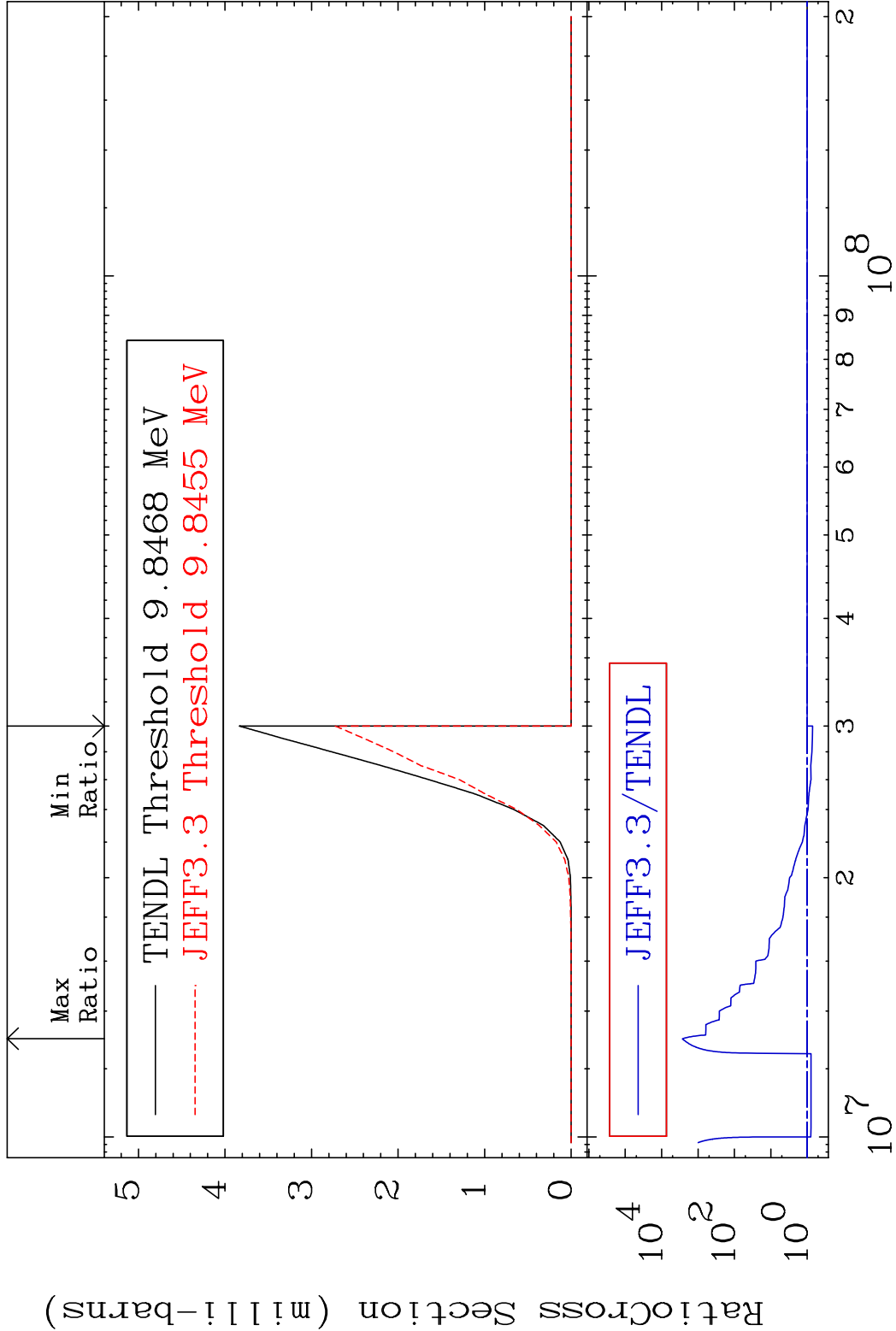


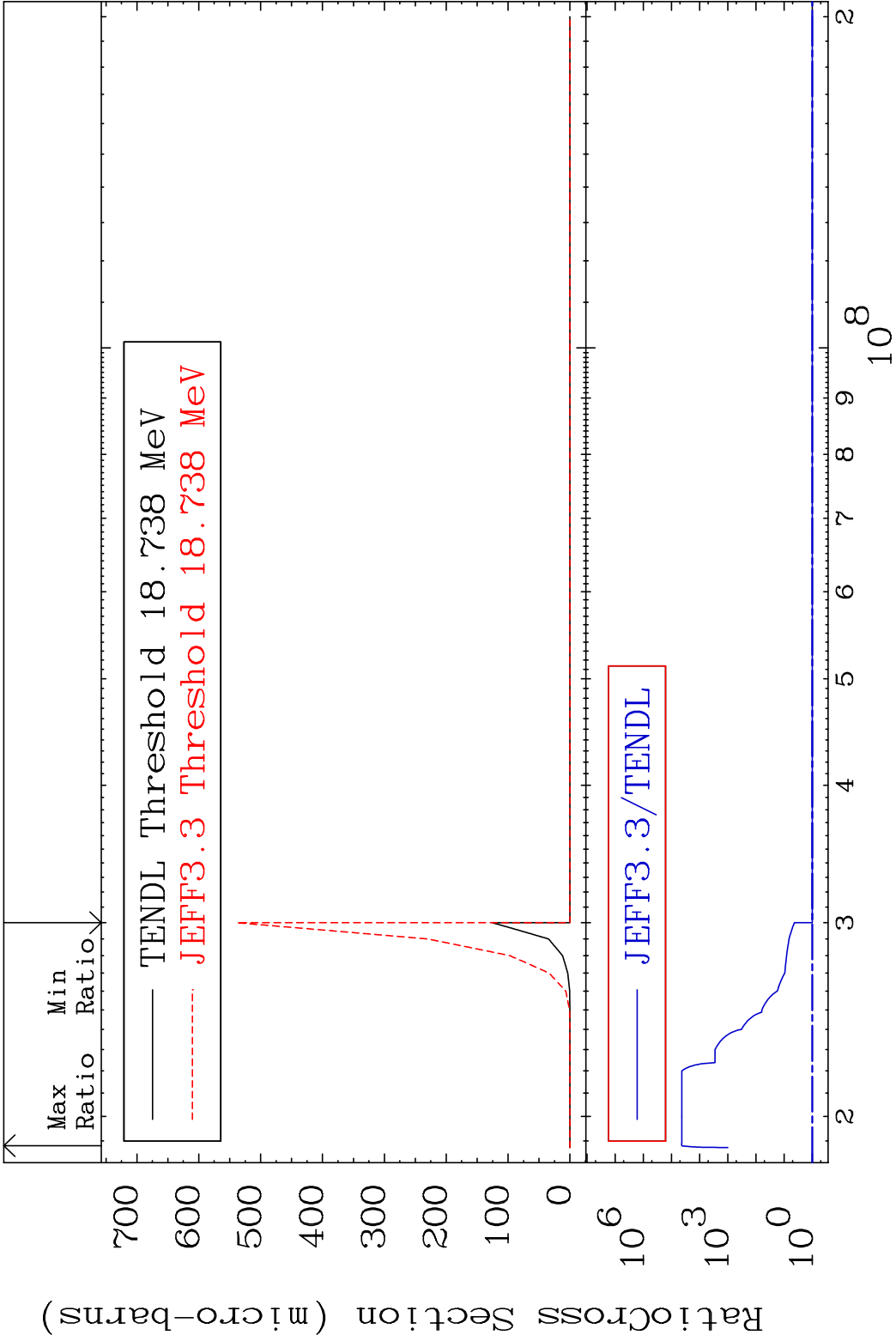
Radionuclide Production Cross Section



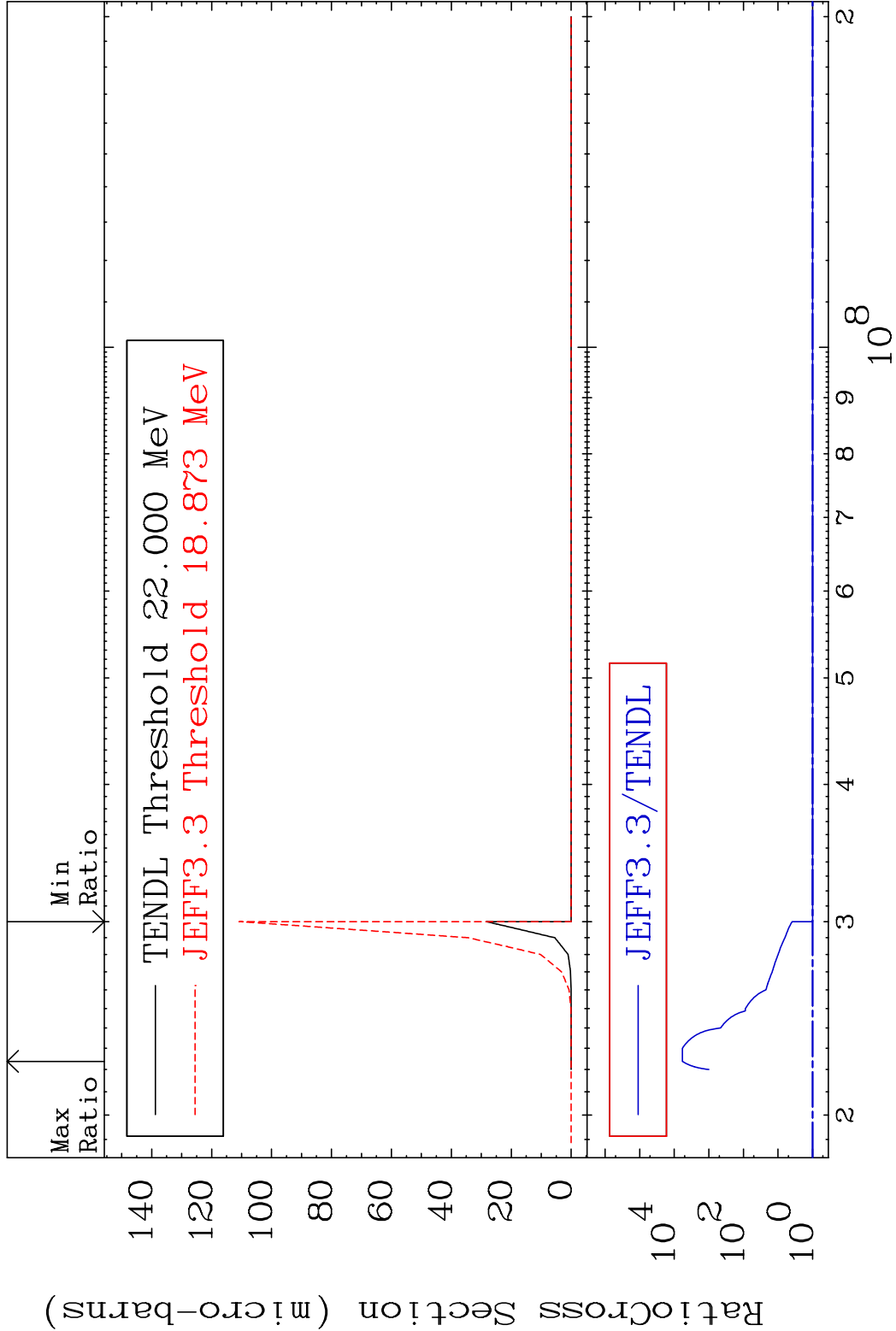


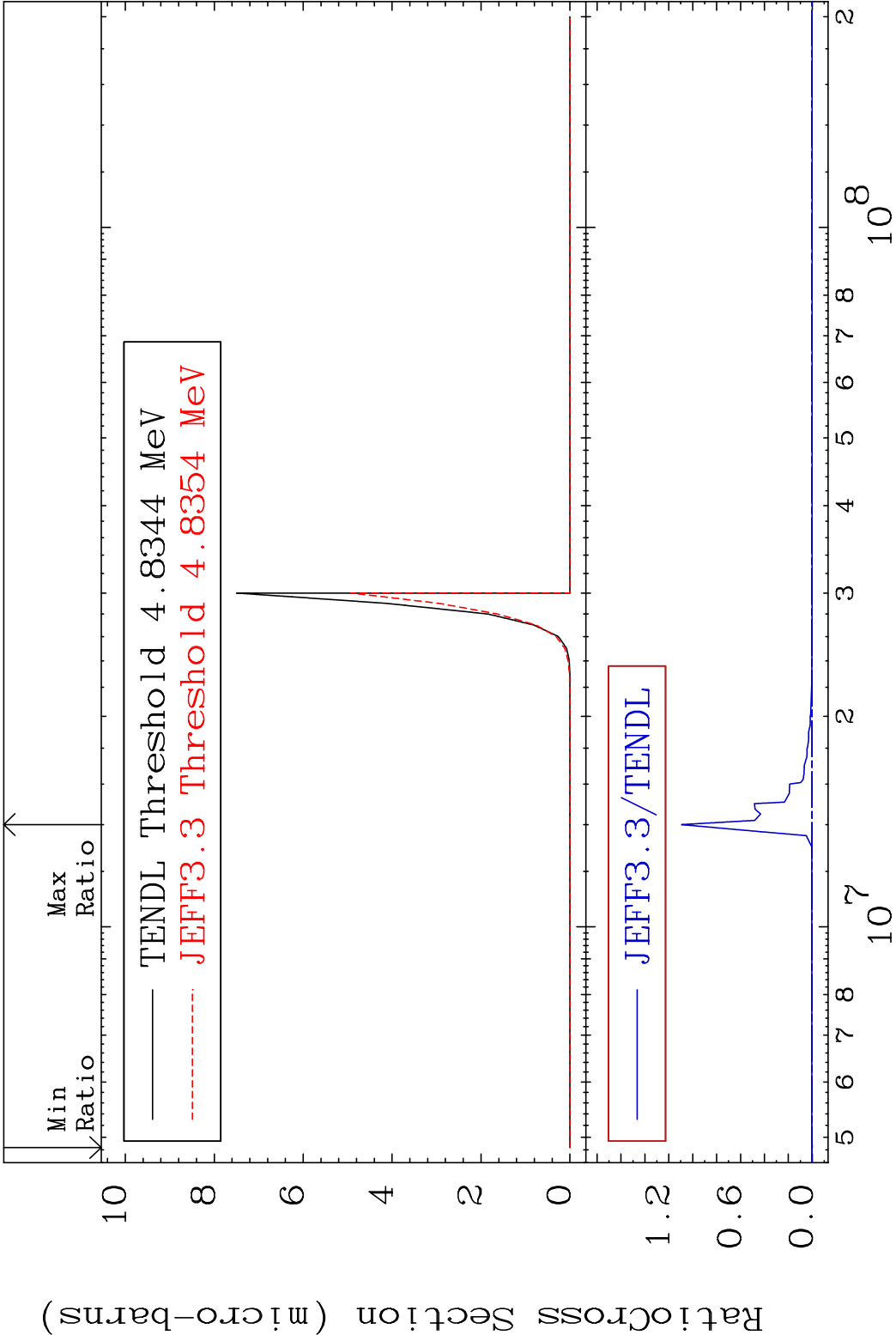


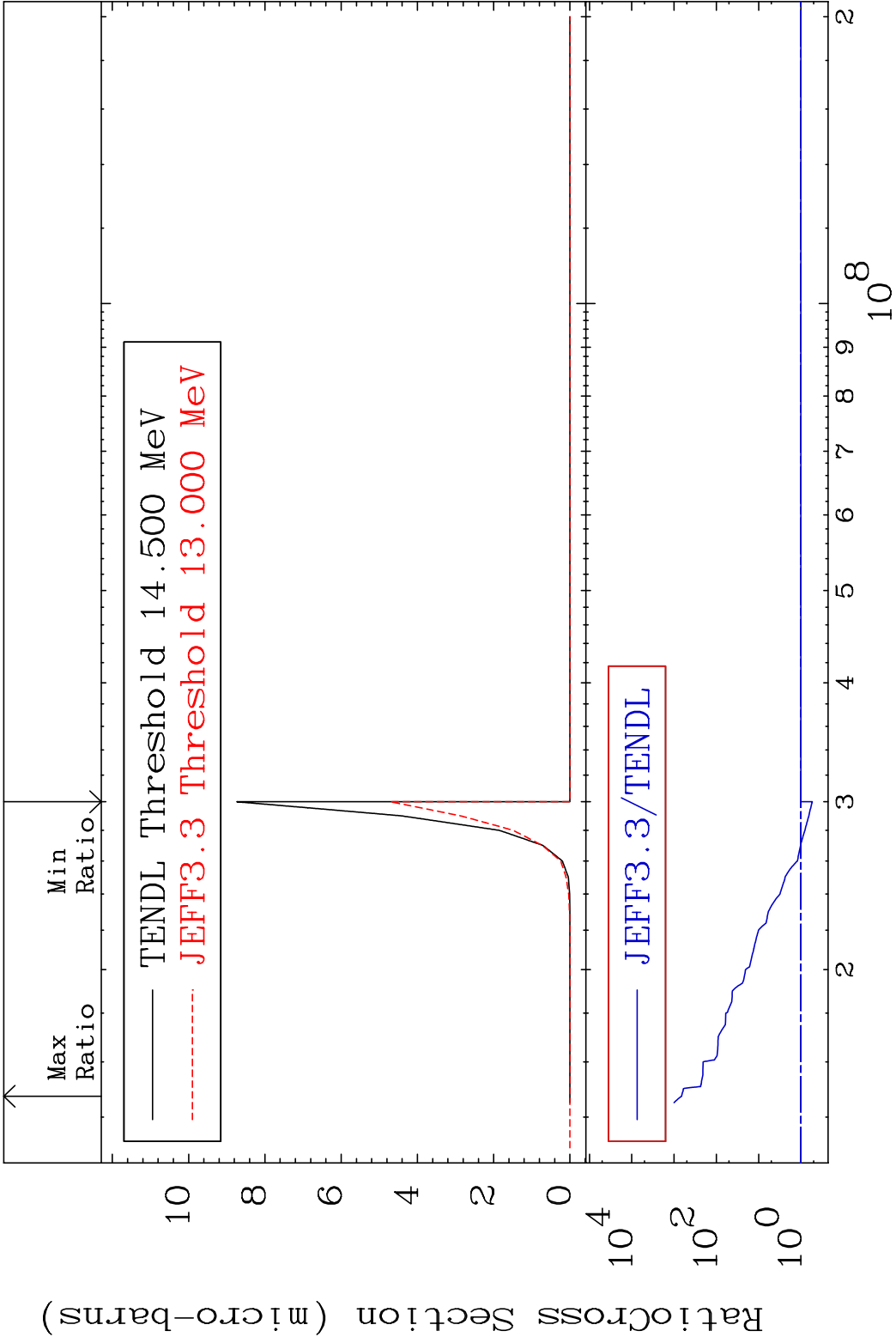


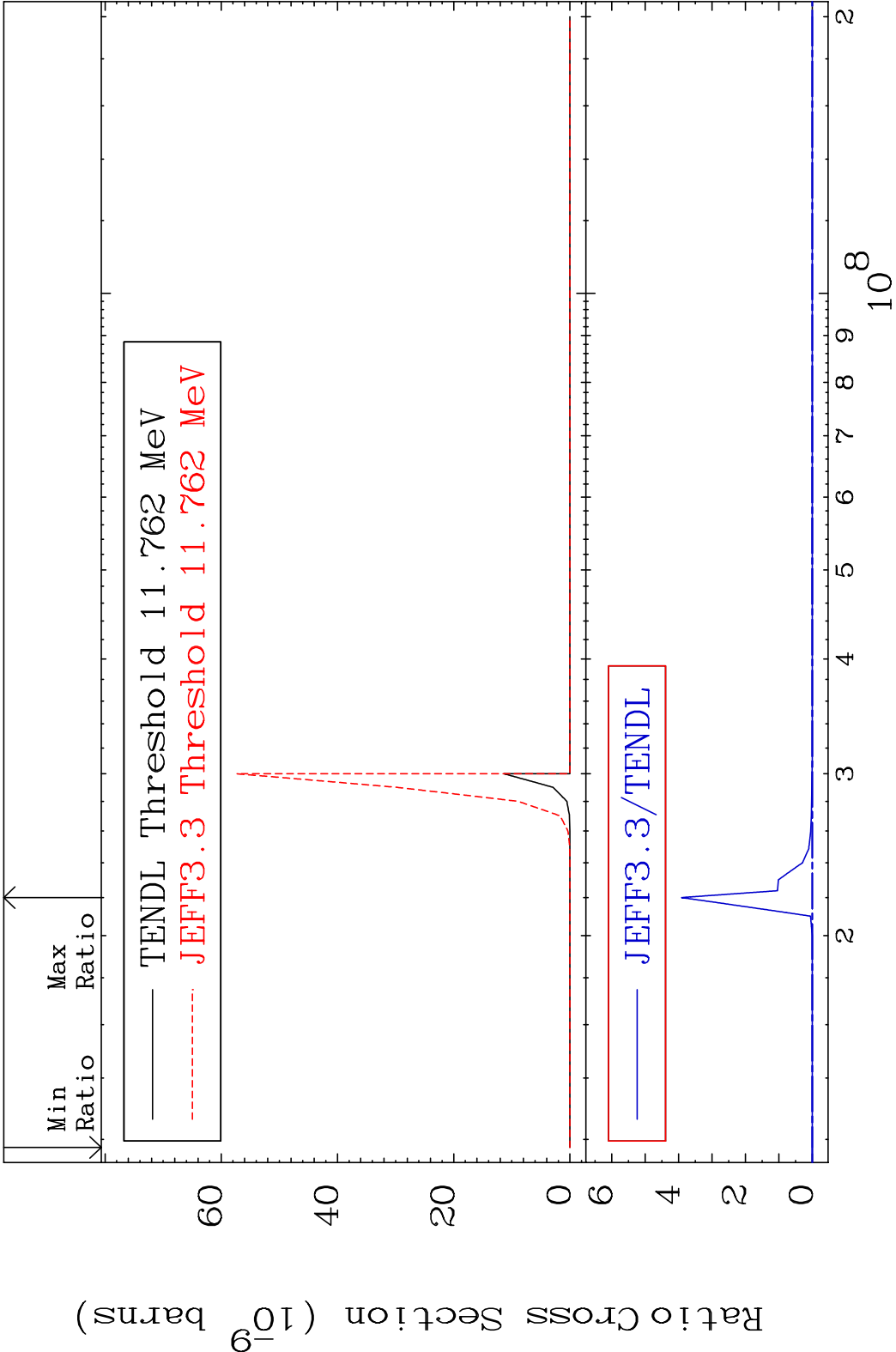


Radionuclide Production Cross Section, %

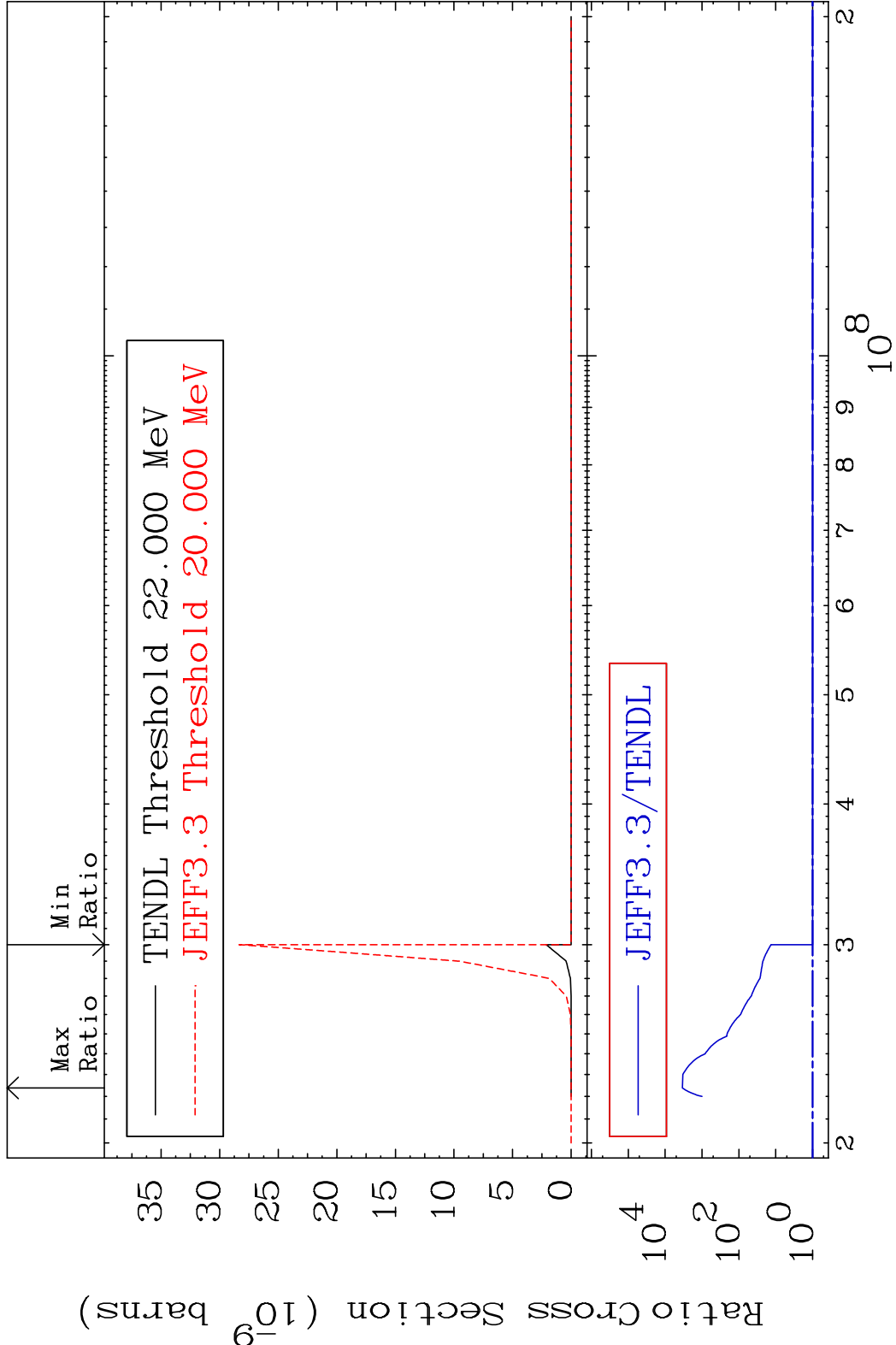


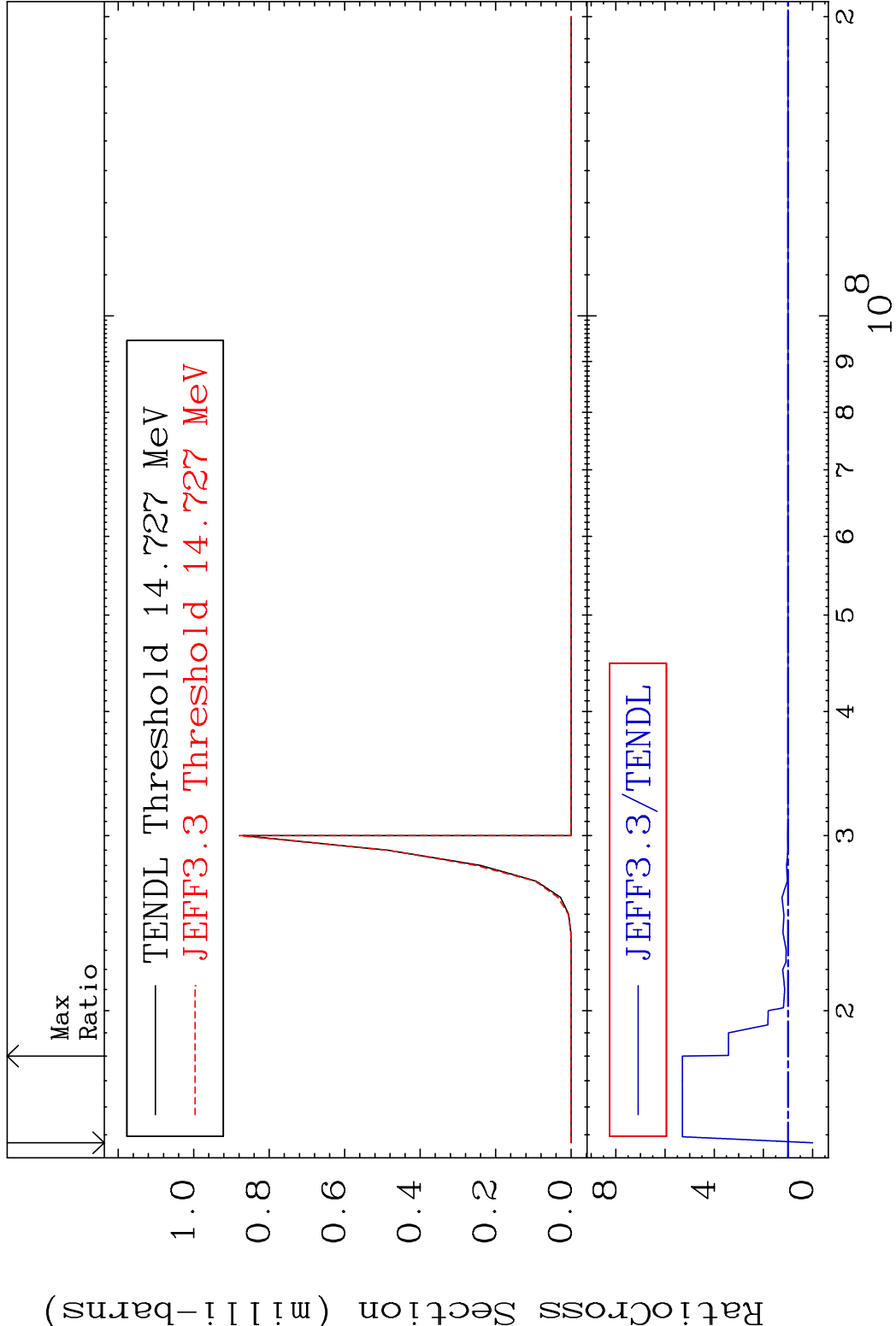


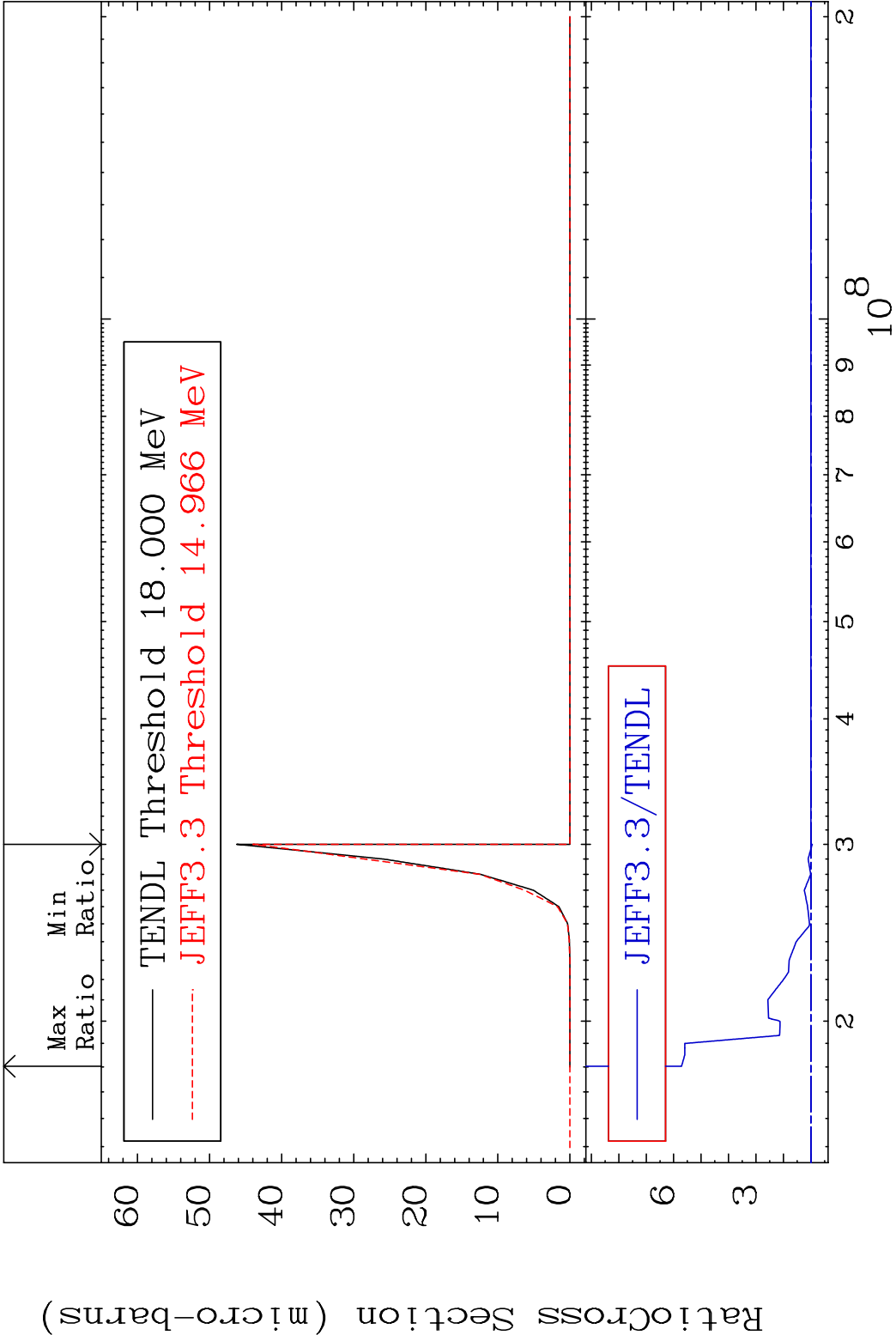




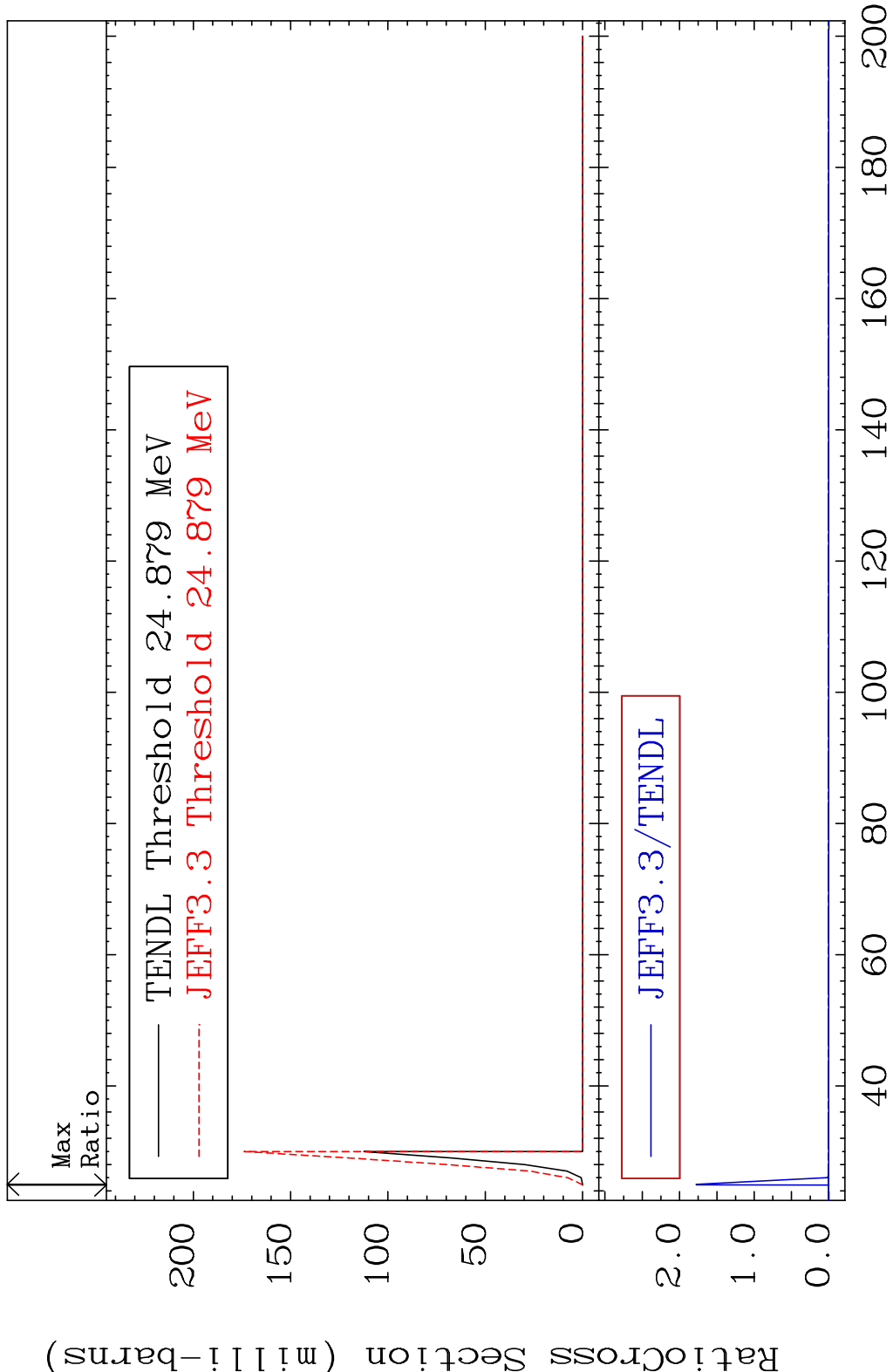
Radionuclide Production Cross Section, %

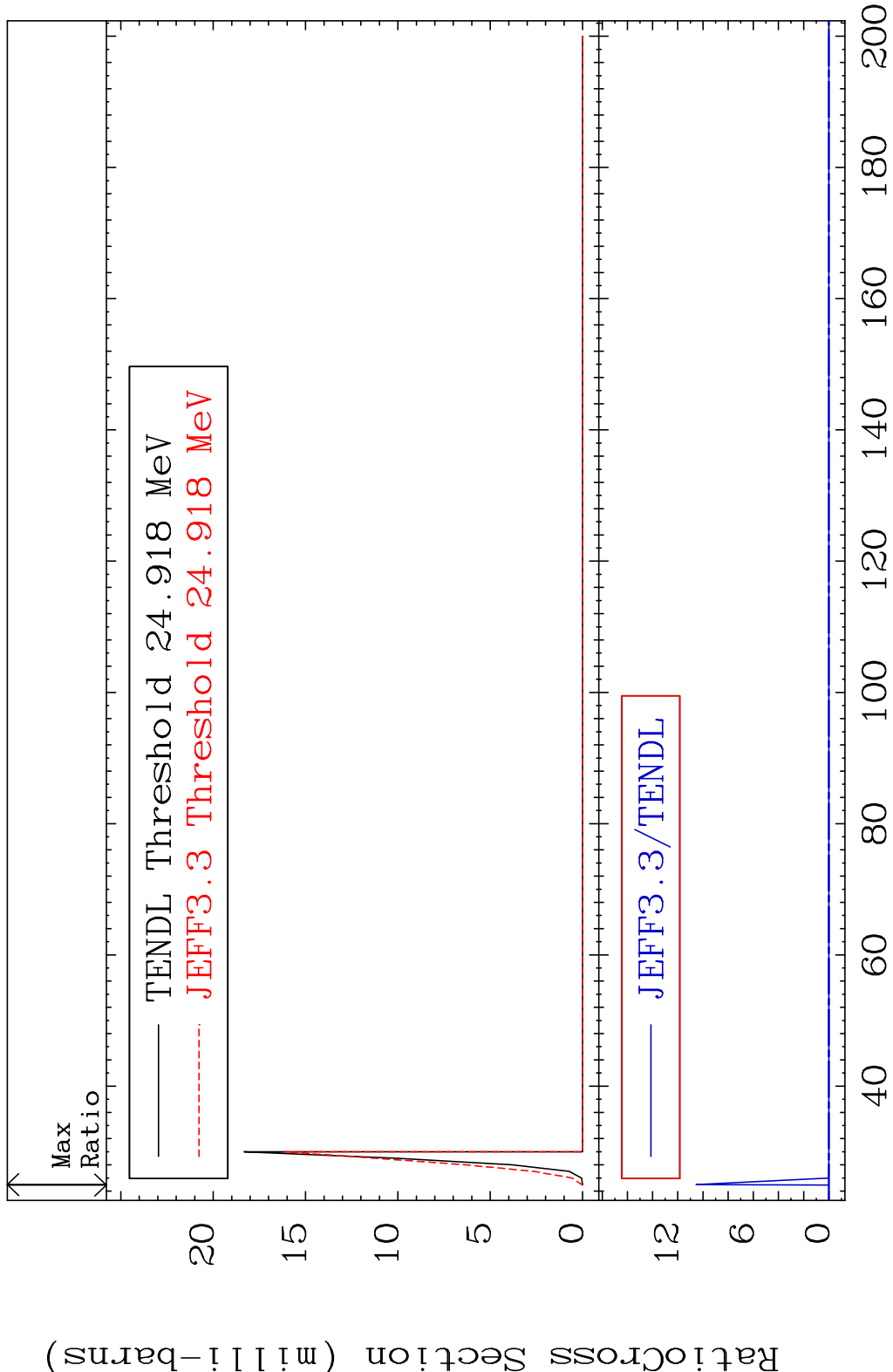


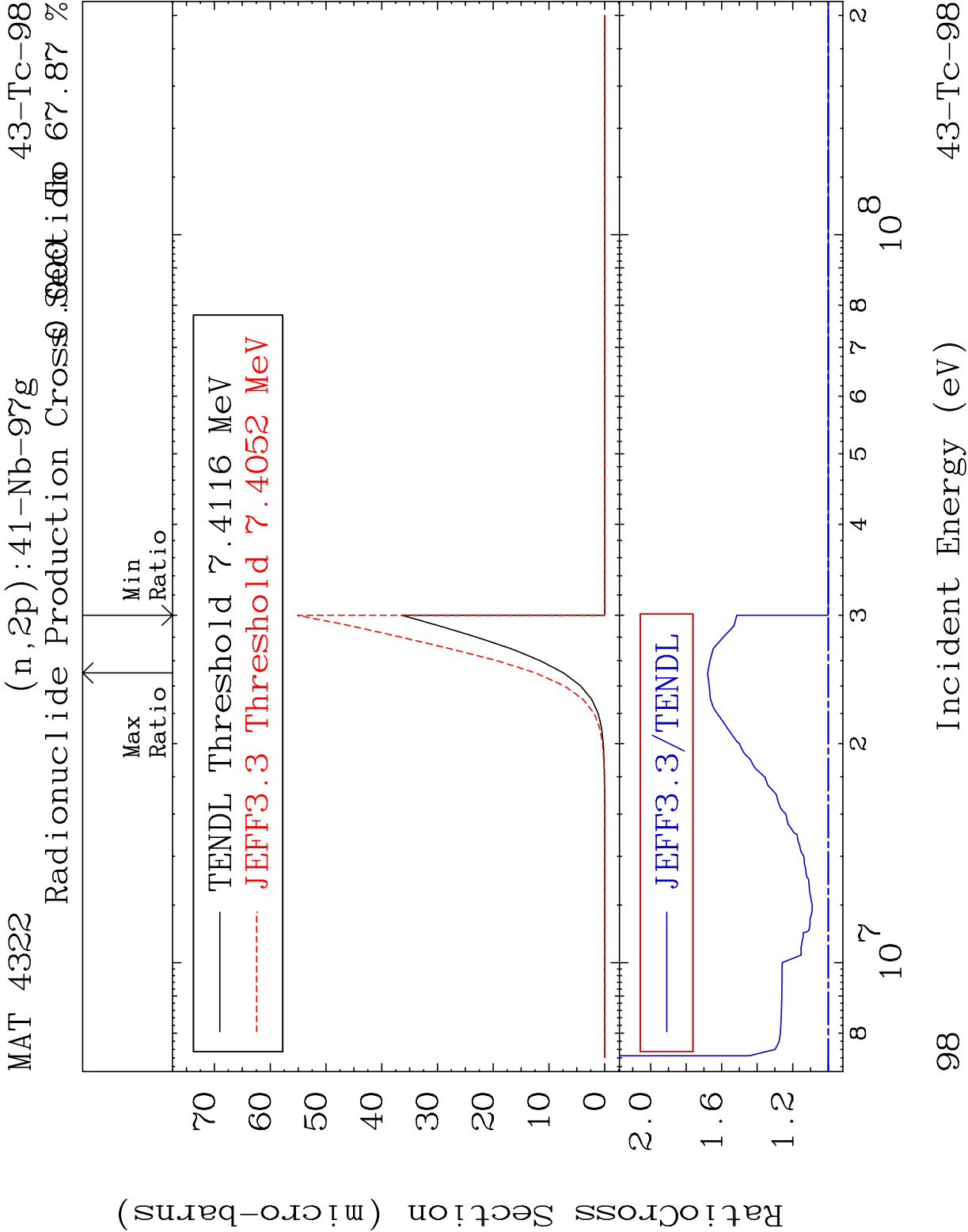


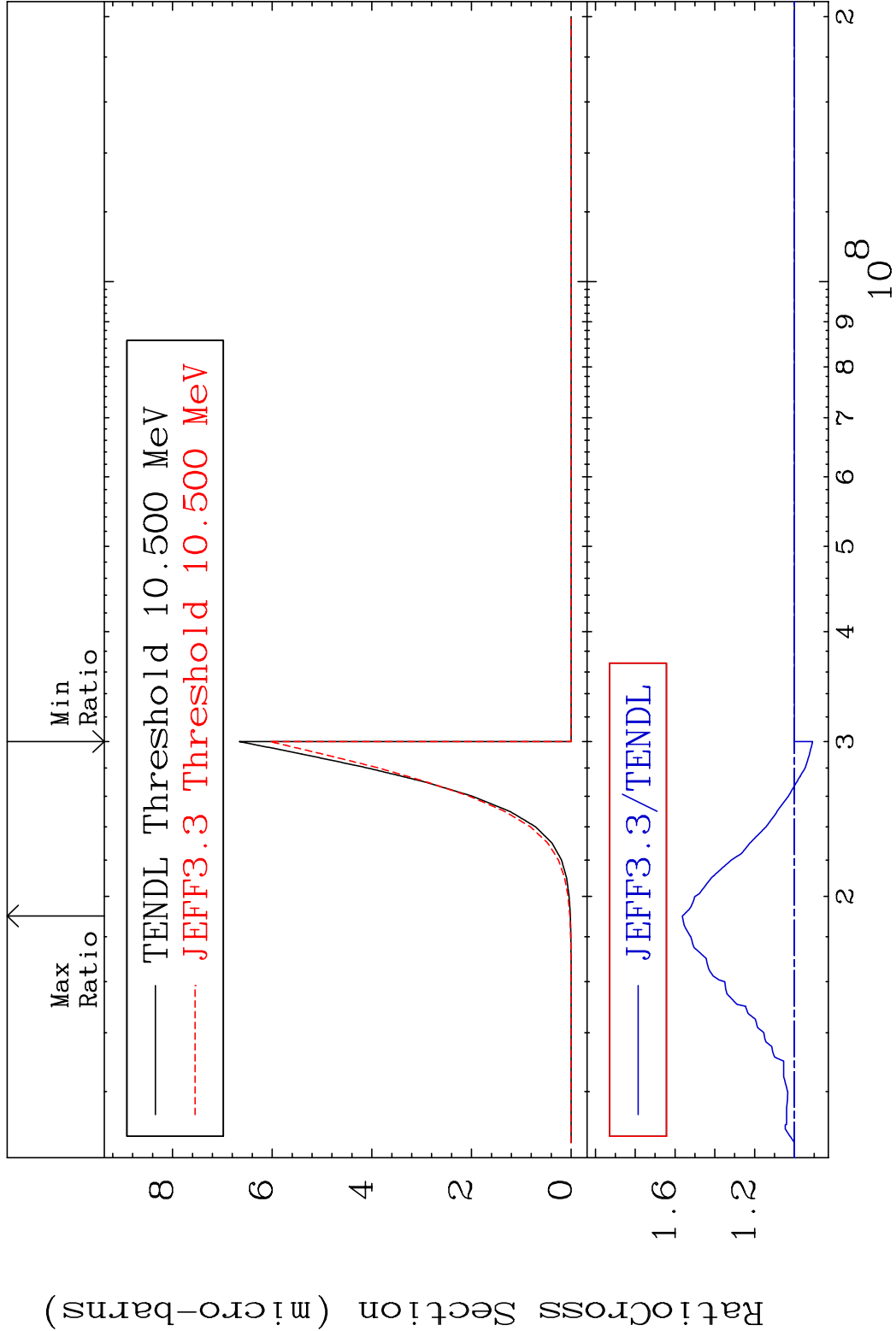


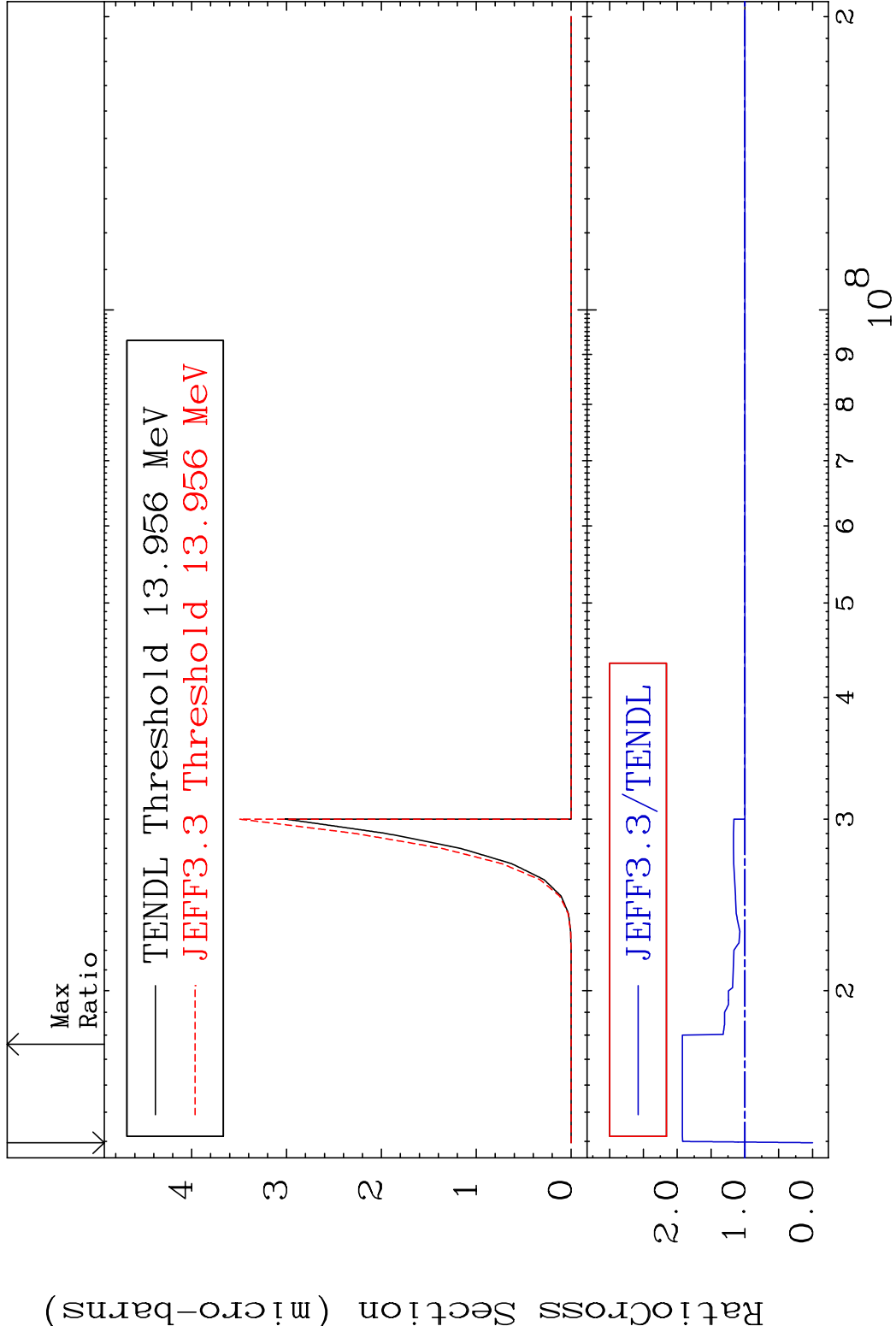
Radionuclide Production Cross Section (mb) 9999. %











Radionuclide Production Cross Section (barns)

