

Program Complot
(Version 2021-1)

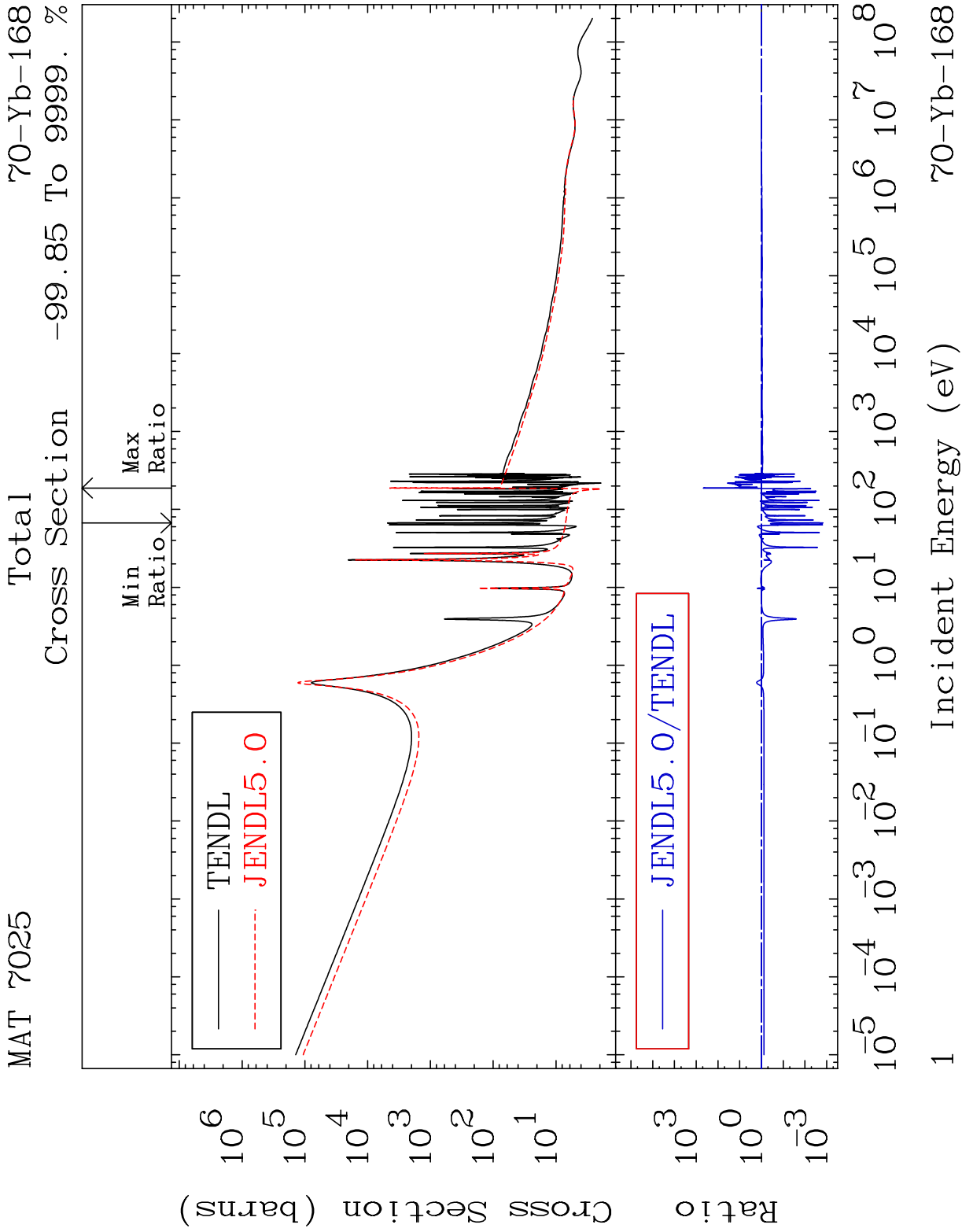
by

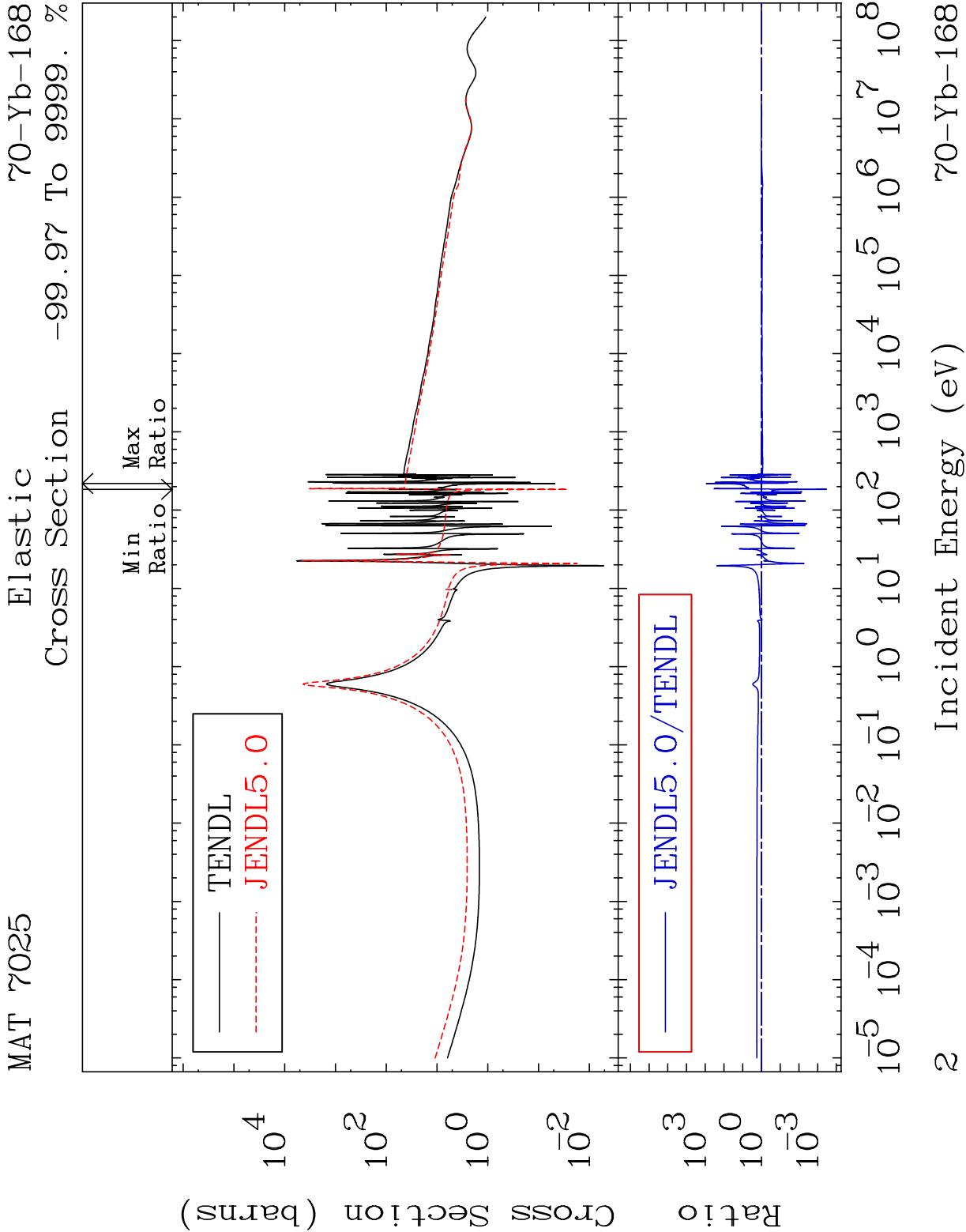
Dermott E. Cullen
(Present Contact Information)

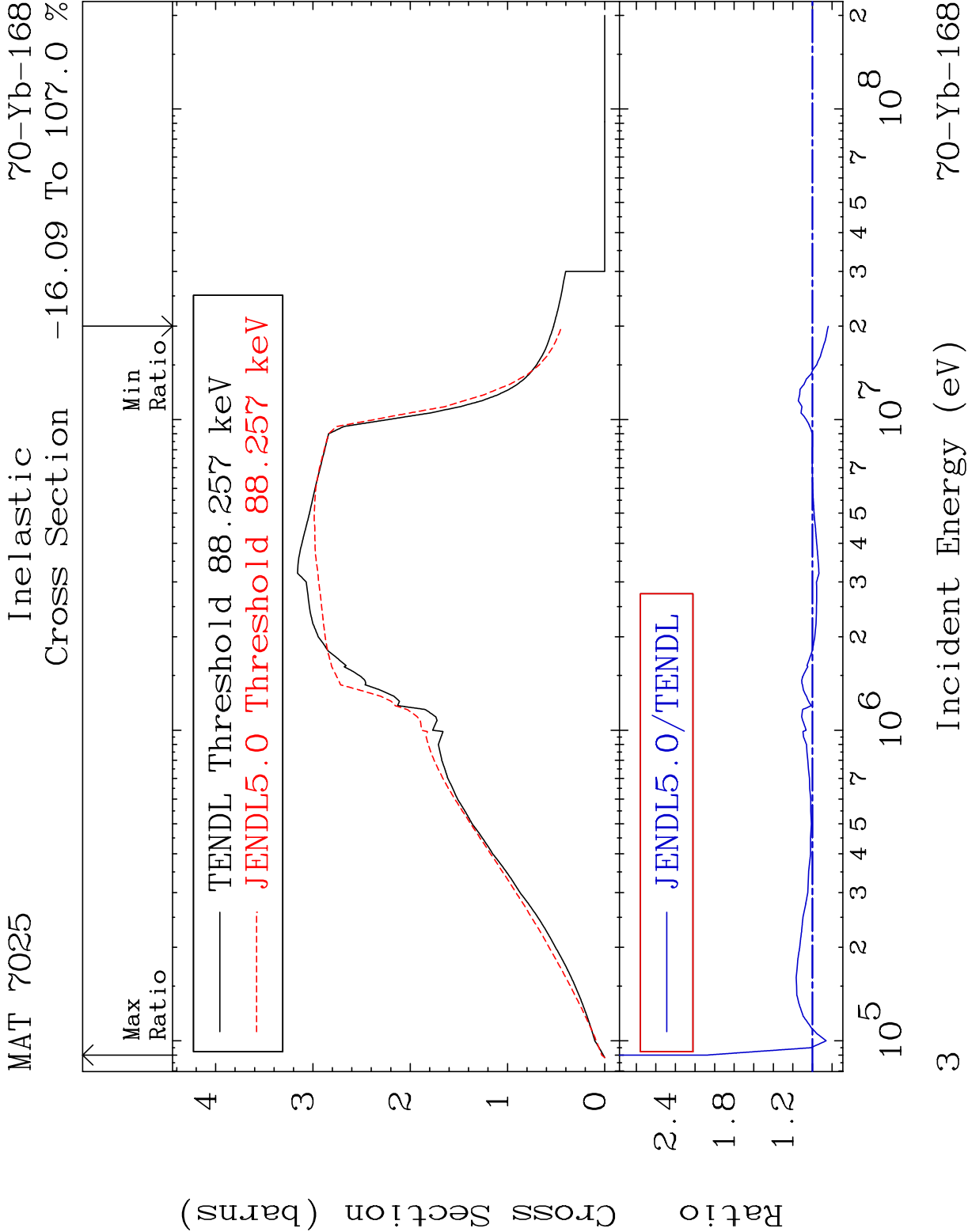
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

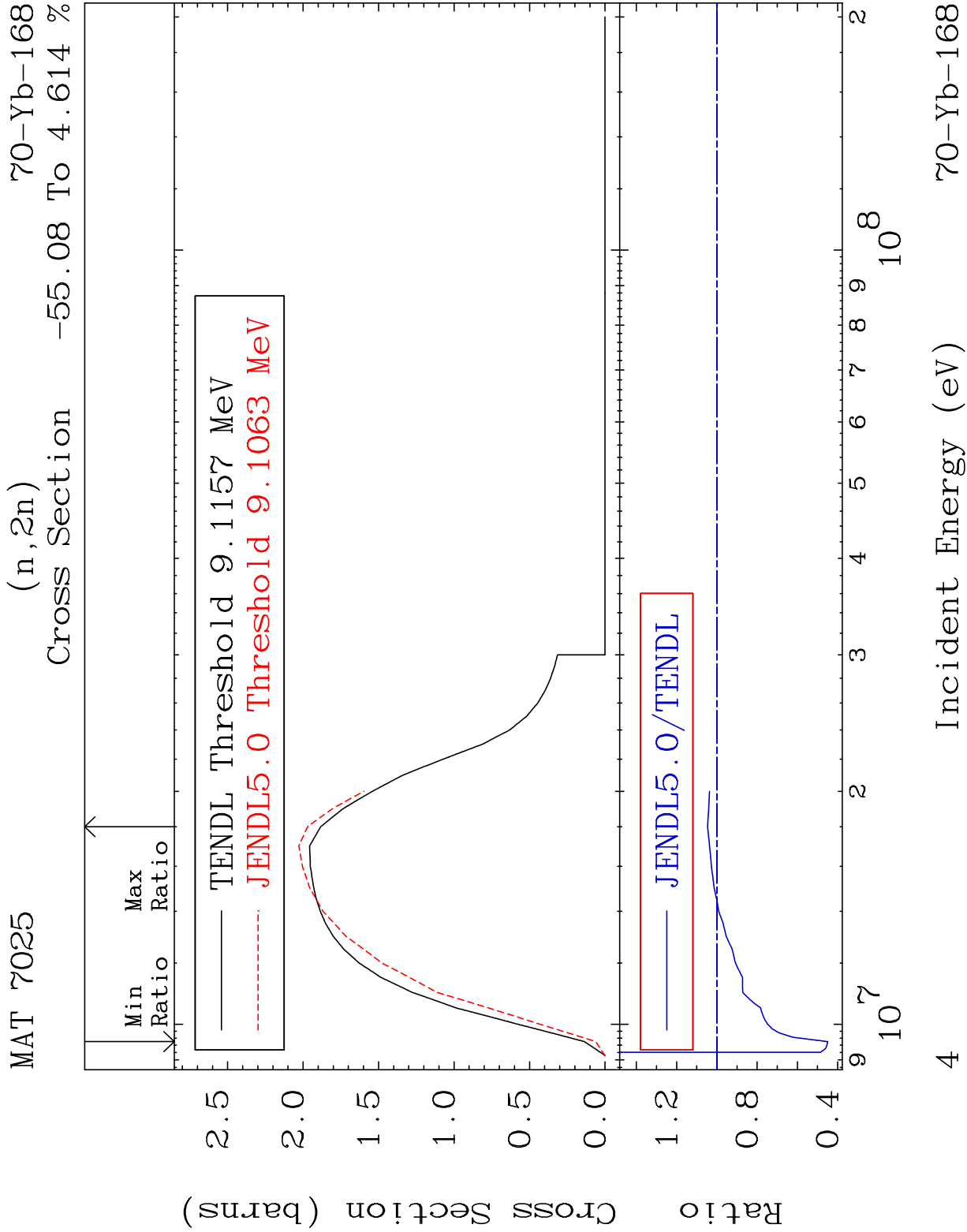
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







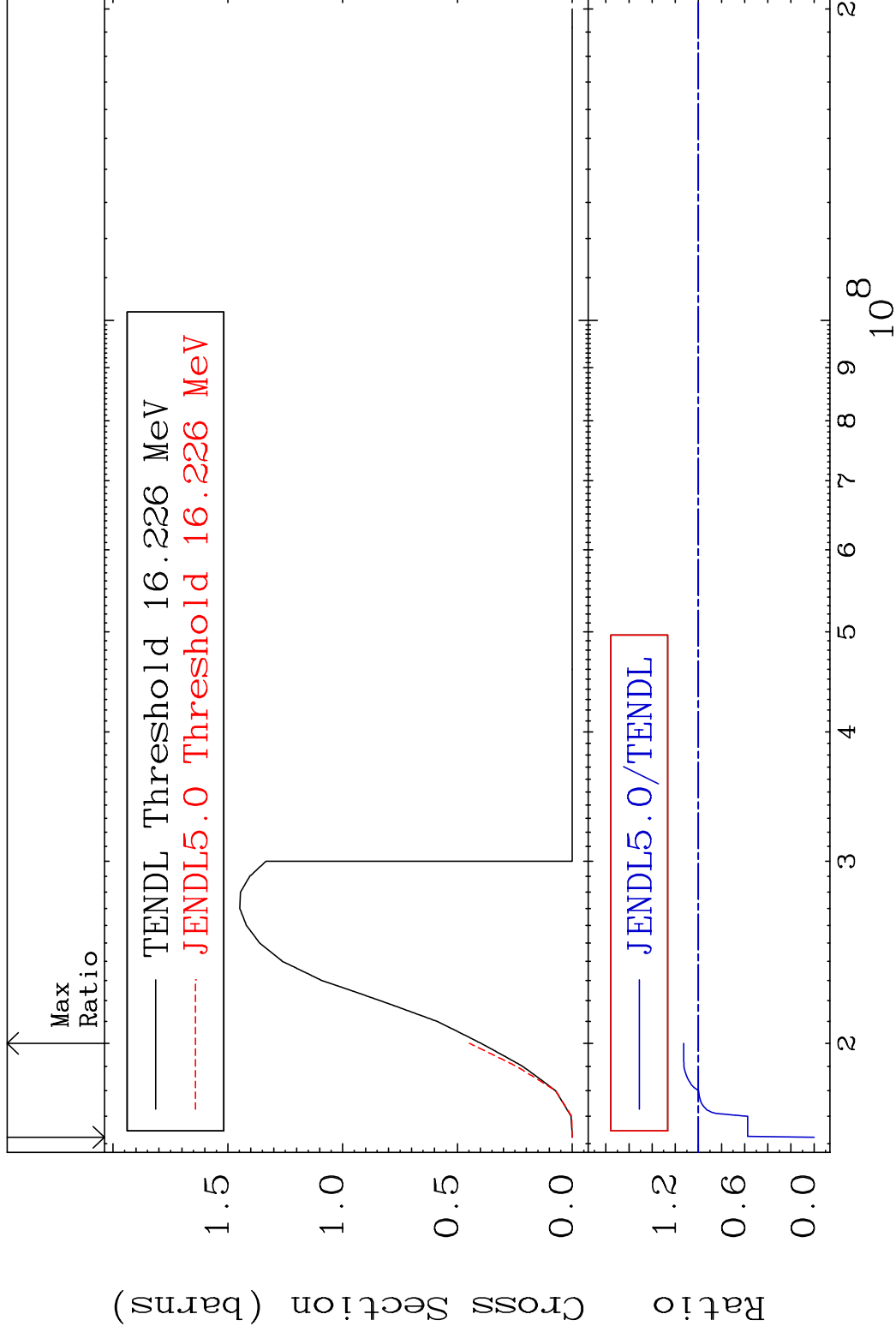


MAT 7025

$$(n, 3n)$$

70-Yb-168

Cross Section -100.0 To 12.74 %



TENDL Threshold 16.226 MeV

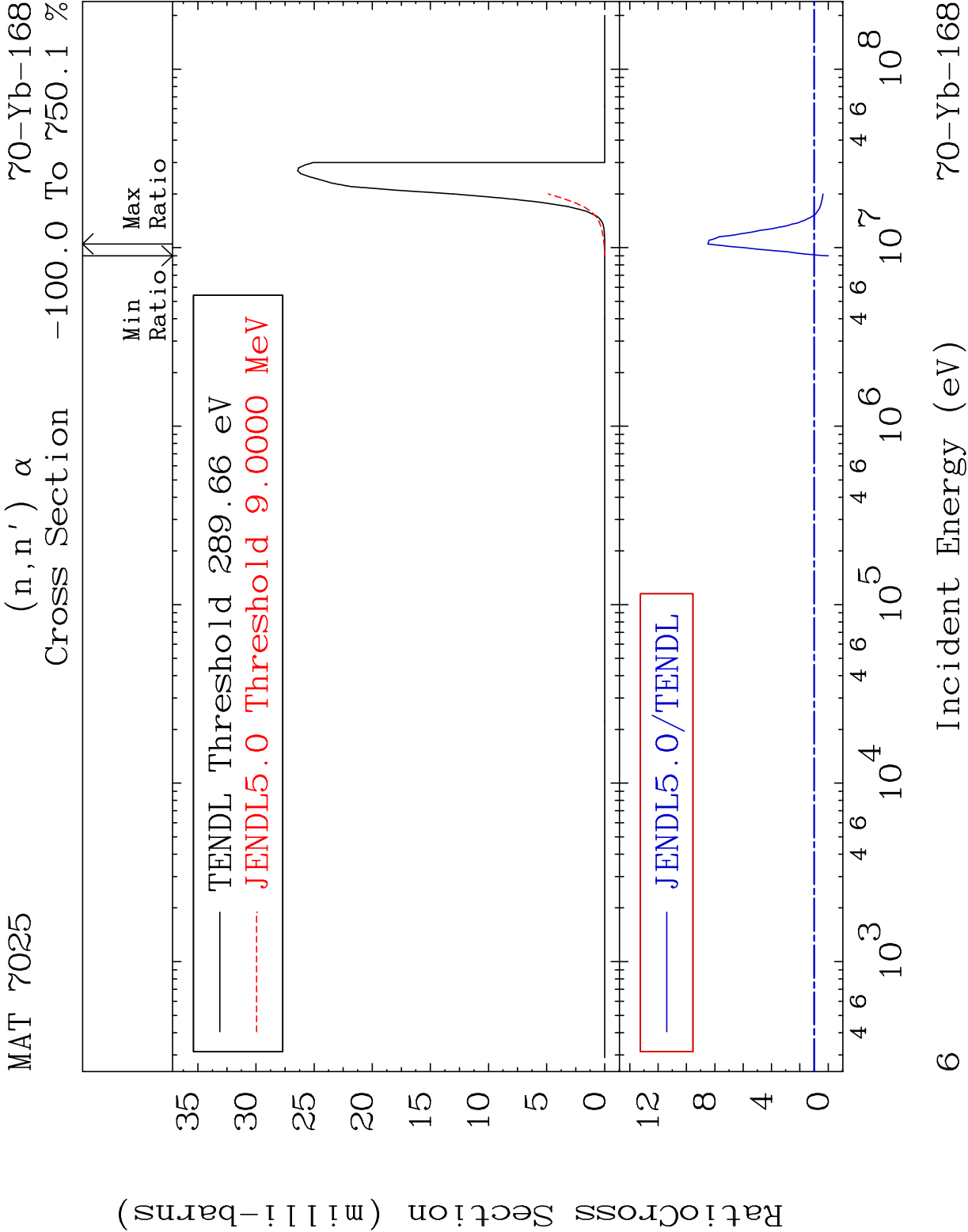
----- JENDL5.0 Threshold 16.226 MeV

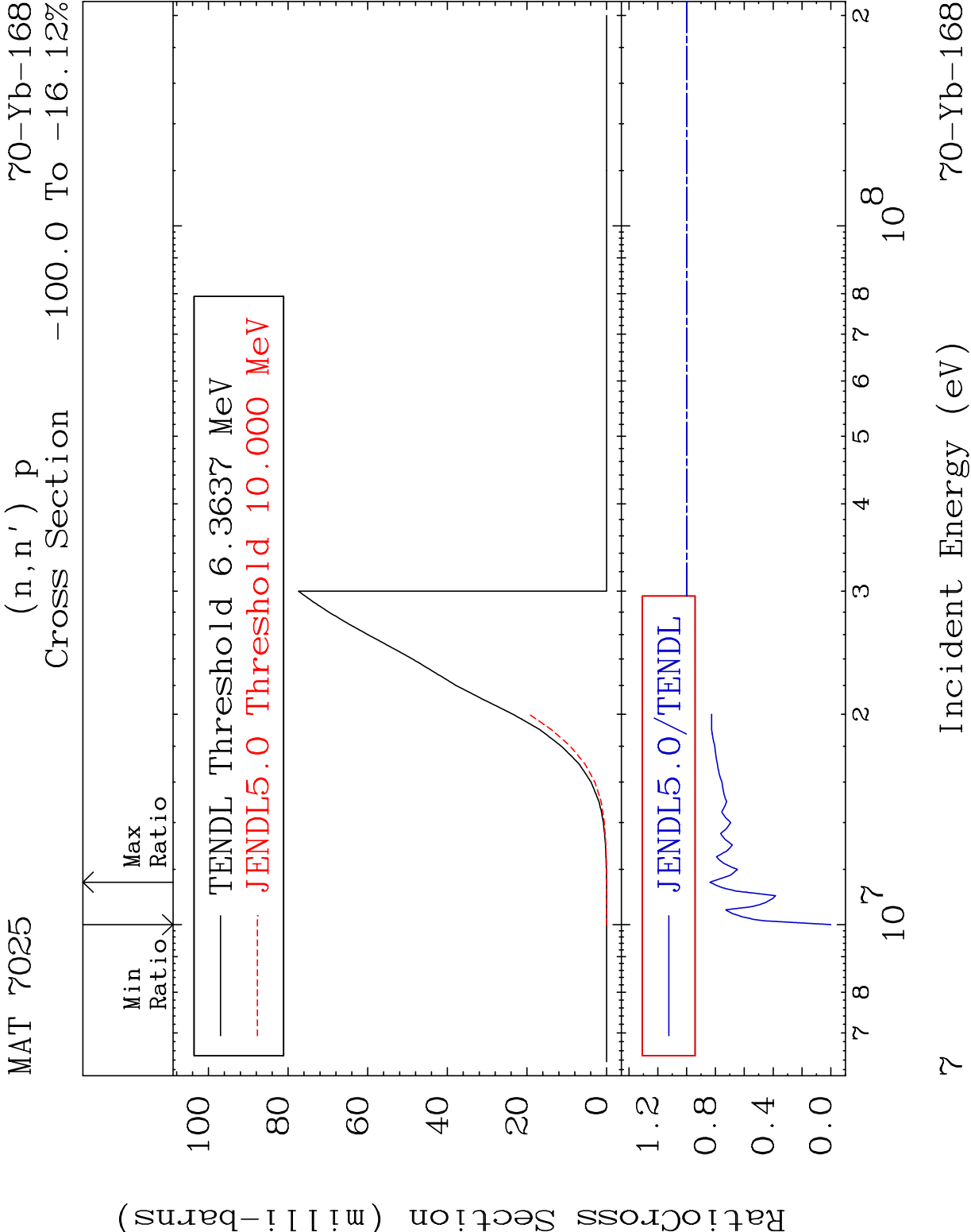
JENDL5.0/TENDL

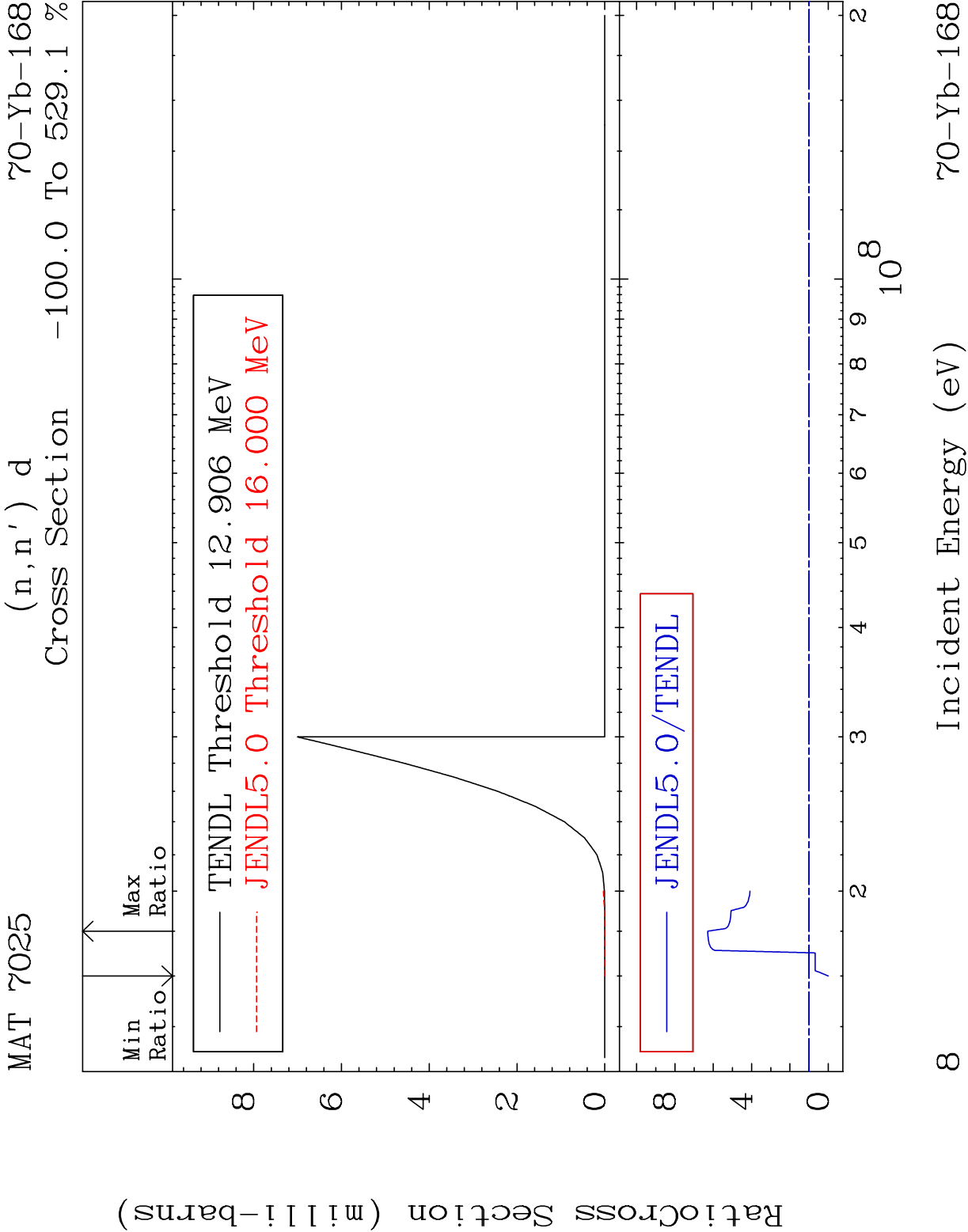
5

Incident Energy (eV)

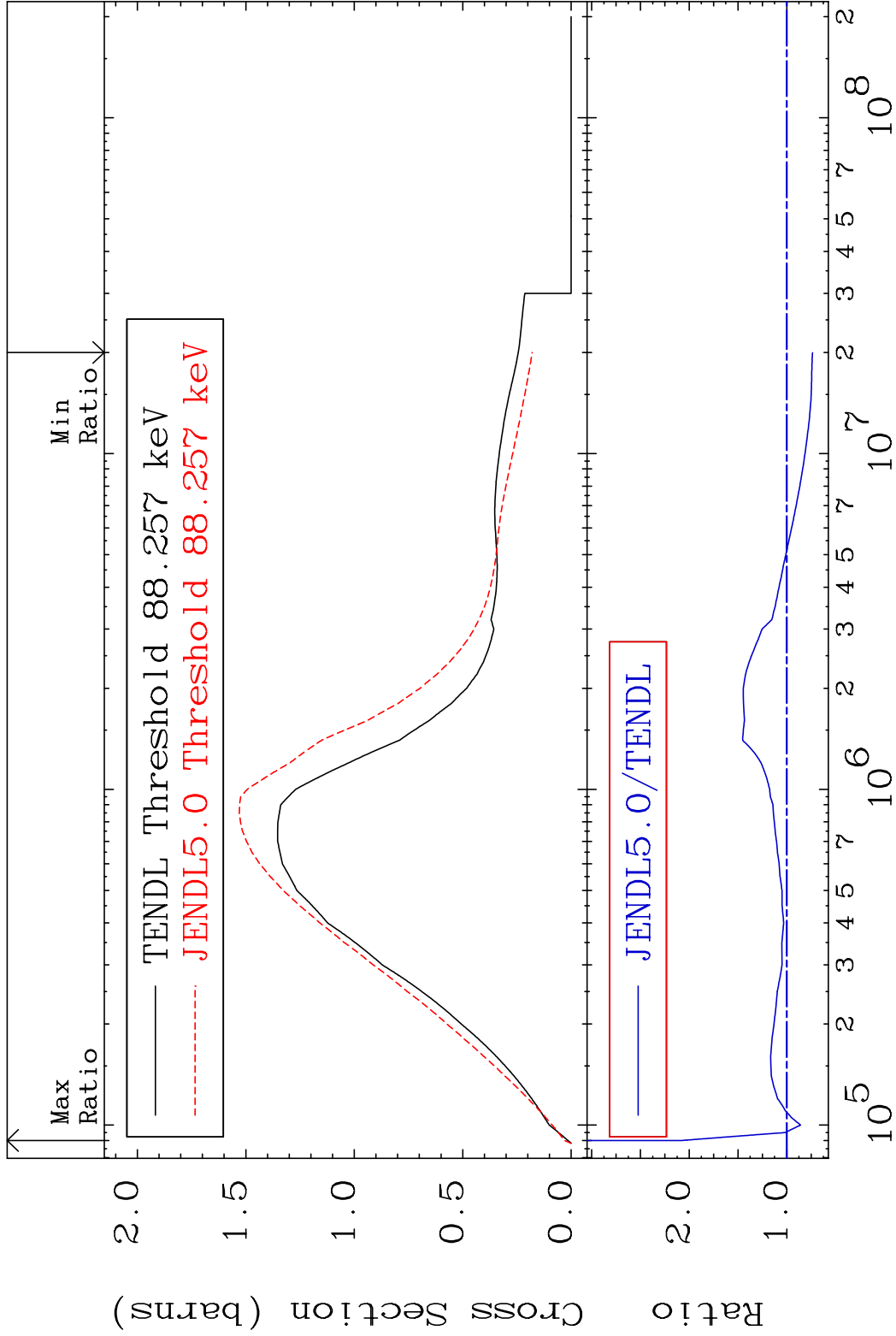
70-Yb-168







MAT 7025 MT= 51 (n,n') Level 70-Yb-168
Cross Section -26.38 To 107.0 %



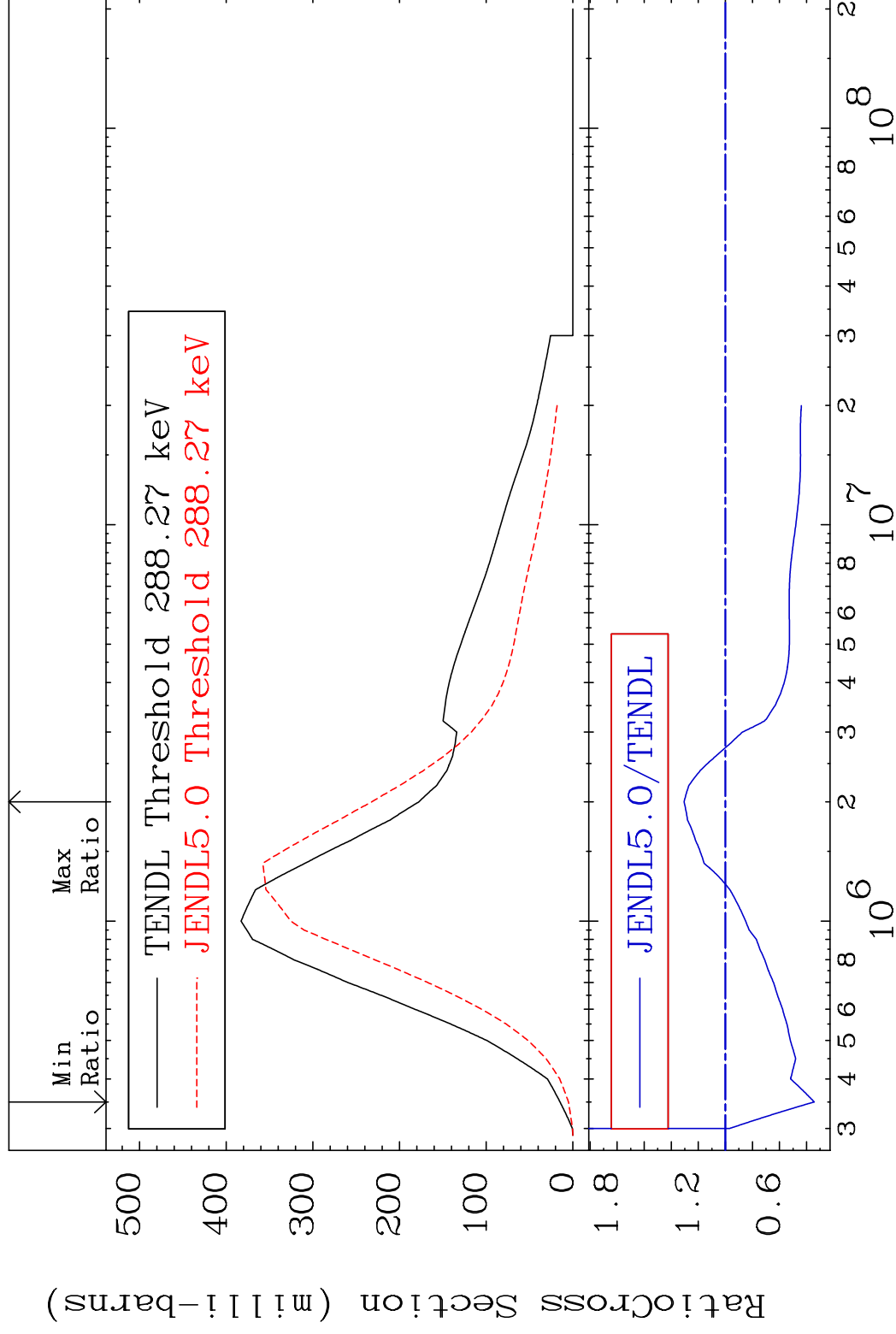
9 Incident Energy (eV) 70-Yb-168

MAT 7025

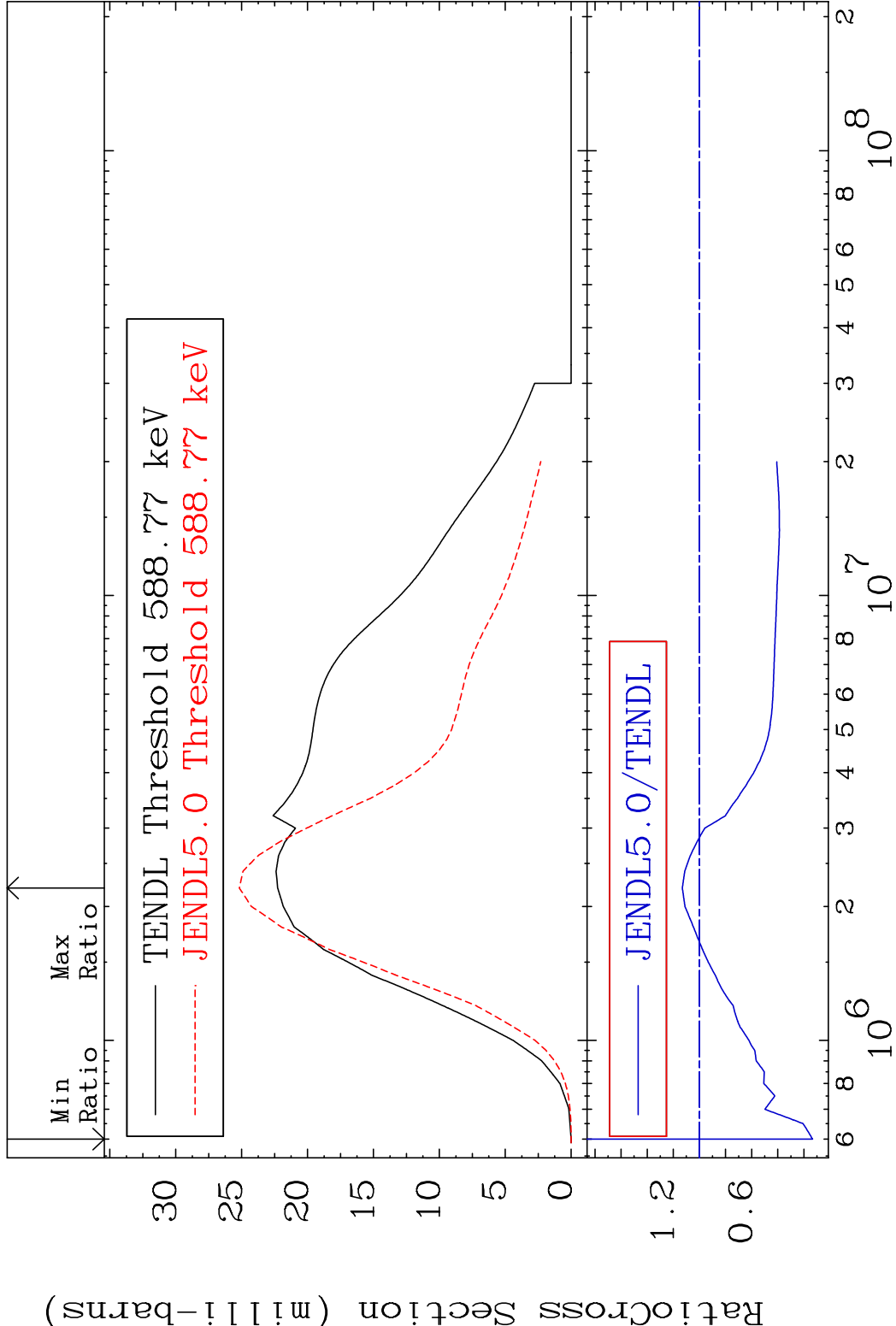
MT= 52 (n, n') Level

70-Yb-168

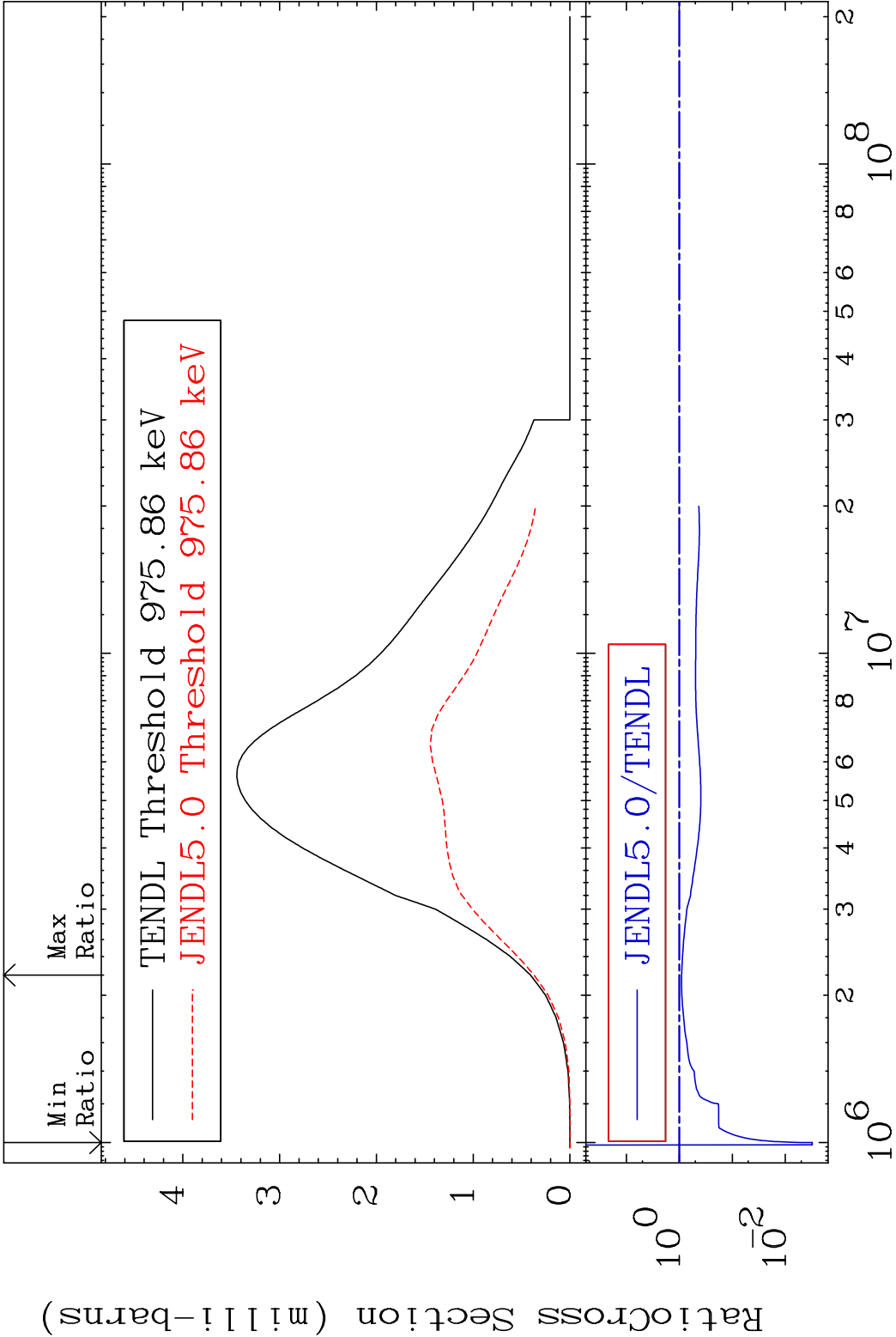
Cross Section -65.67 To 30.55 %



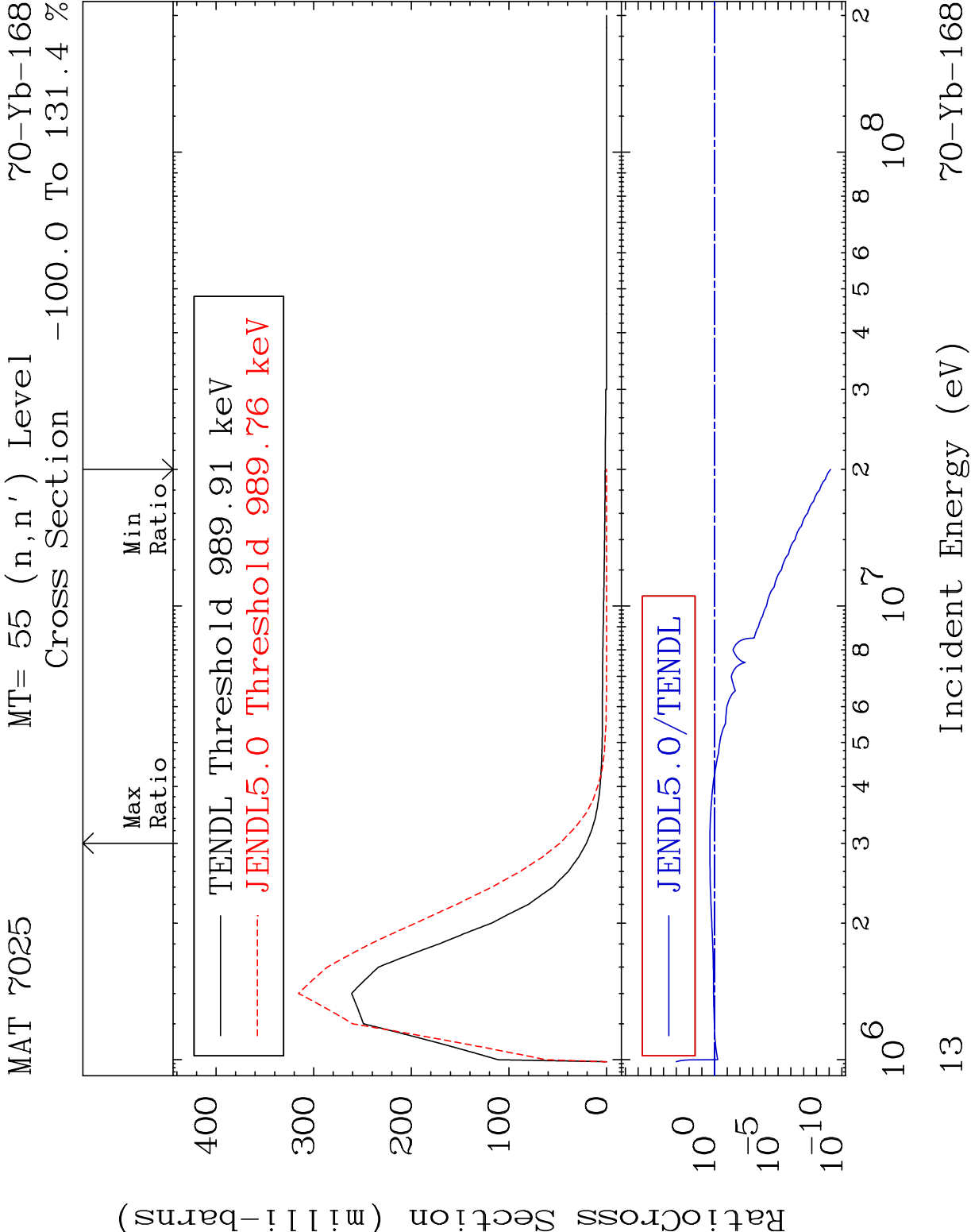
MAT 7025 MT= 53 (n,n') Level 70-Yb-168
Cross Section -86.60 To 13.08 %

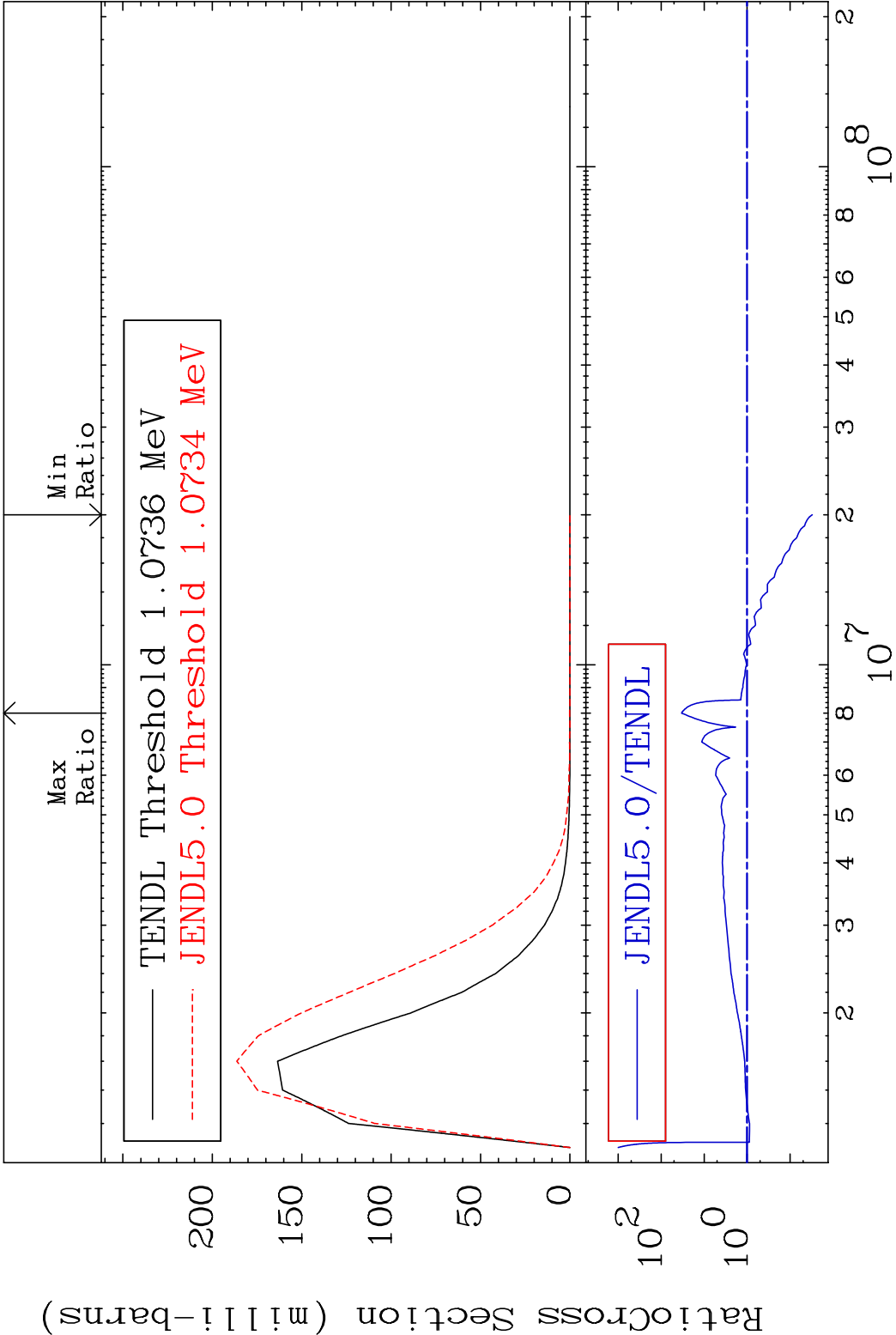


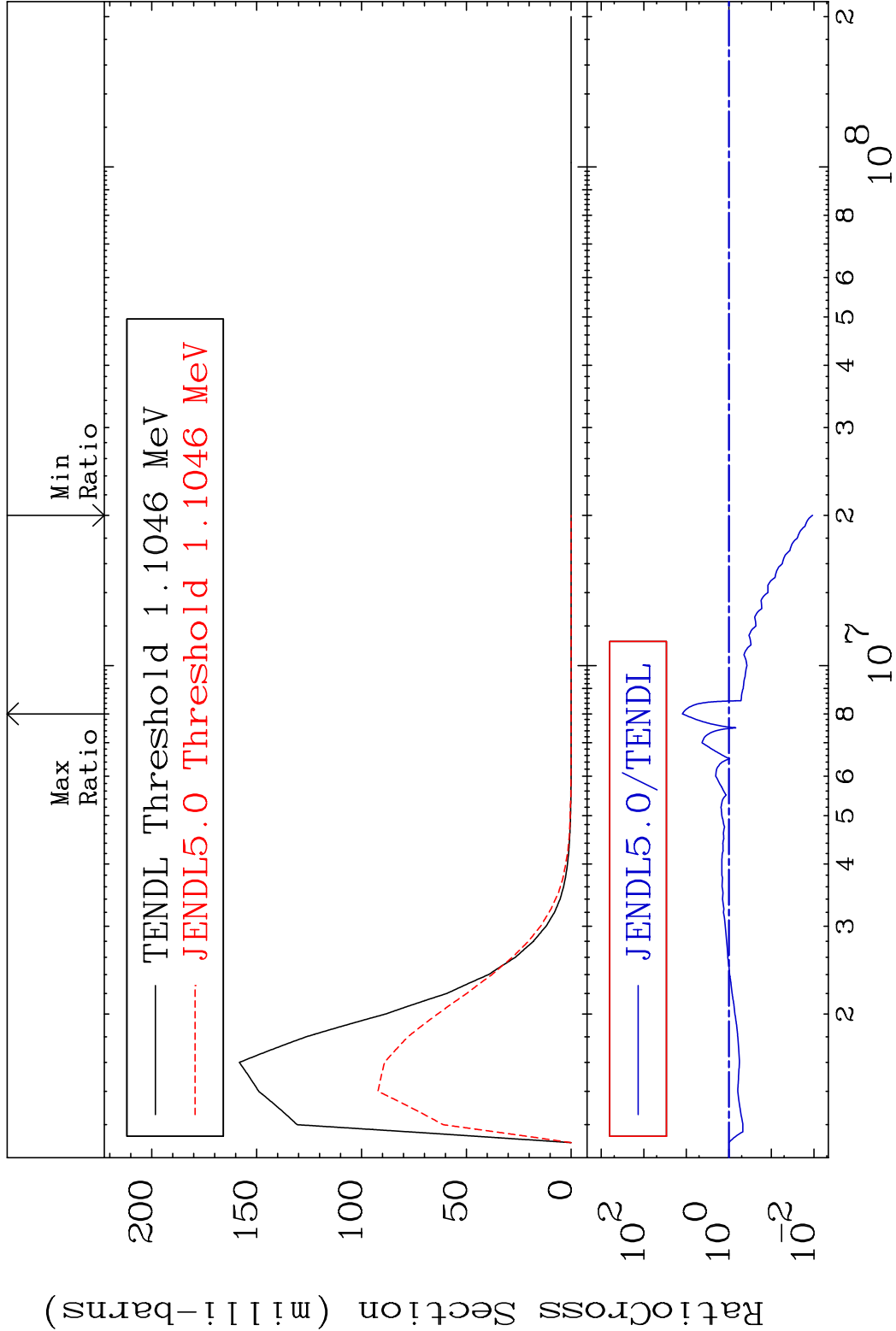
MAT 7025 MT= 54 (n,n') Level 70-Yb-168
Cross Section -99.69 To -8.984%

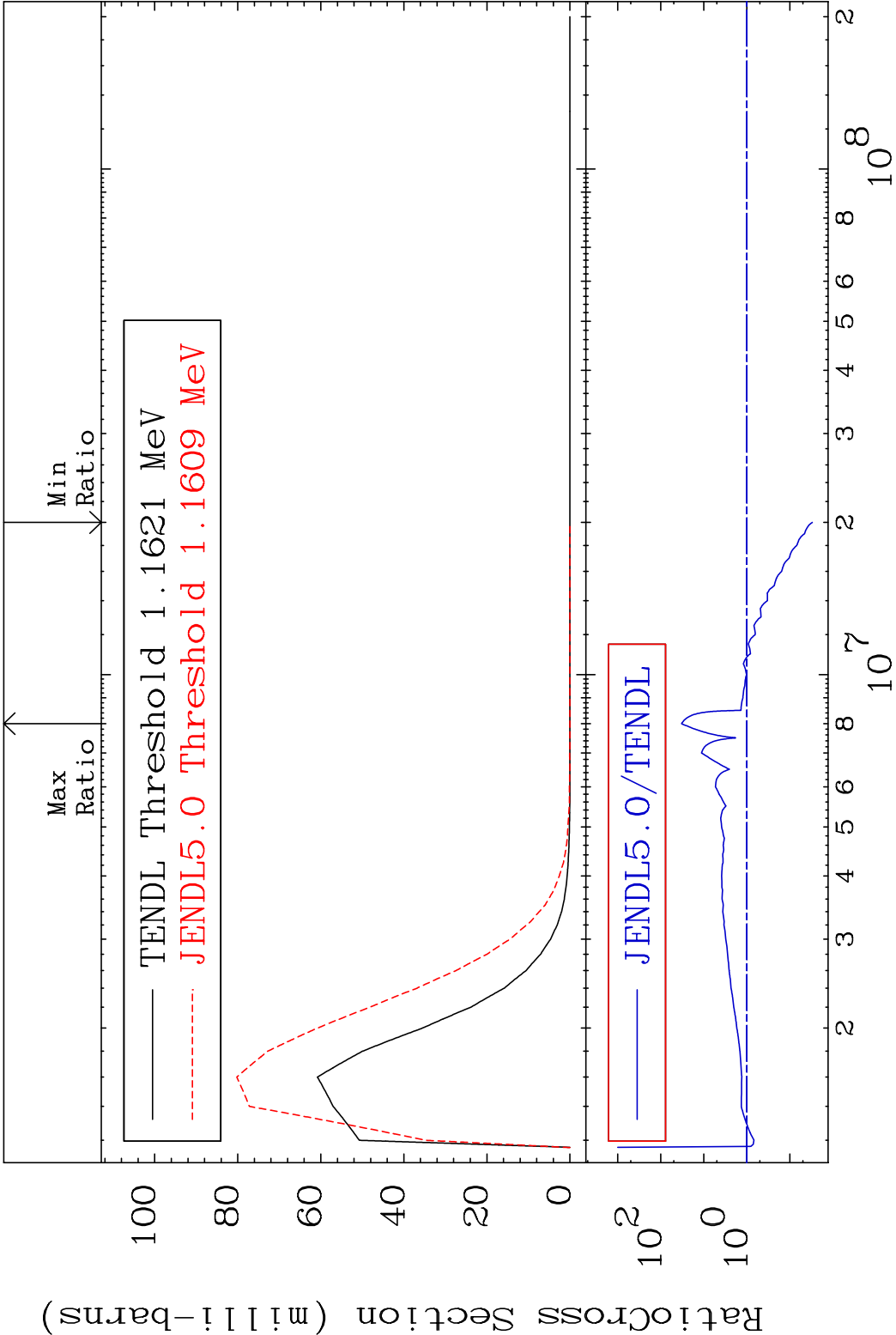


12 Incident Energy (eV) 70-Yb-168









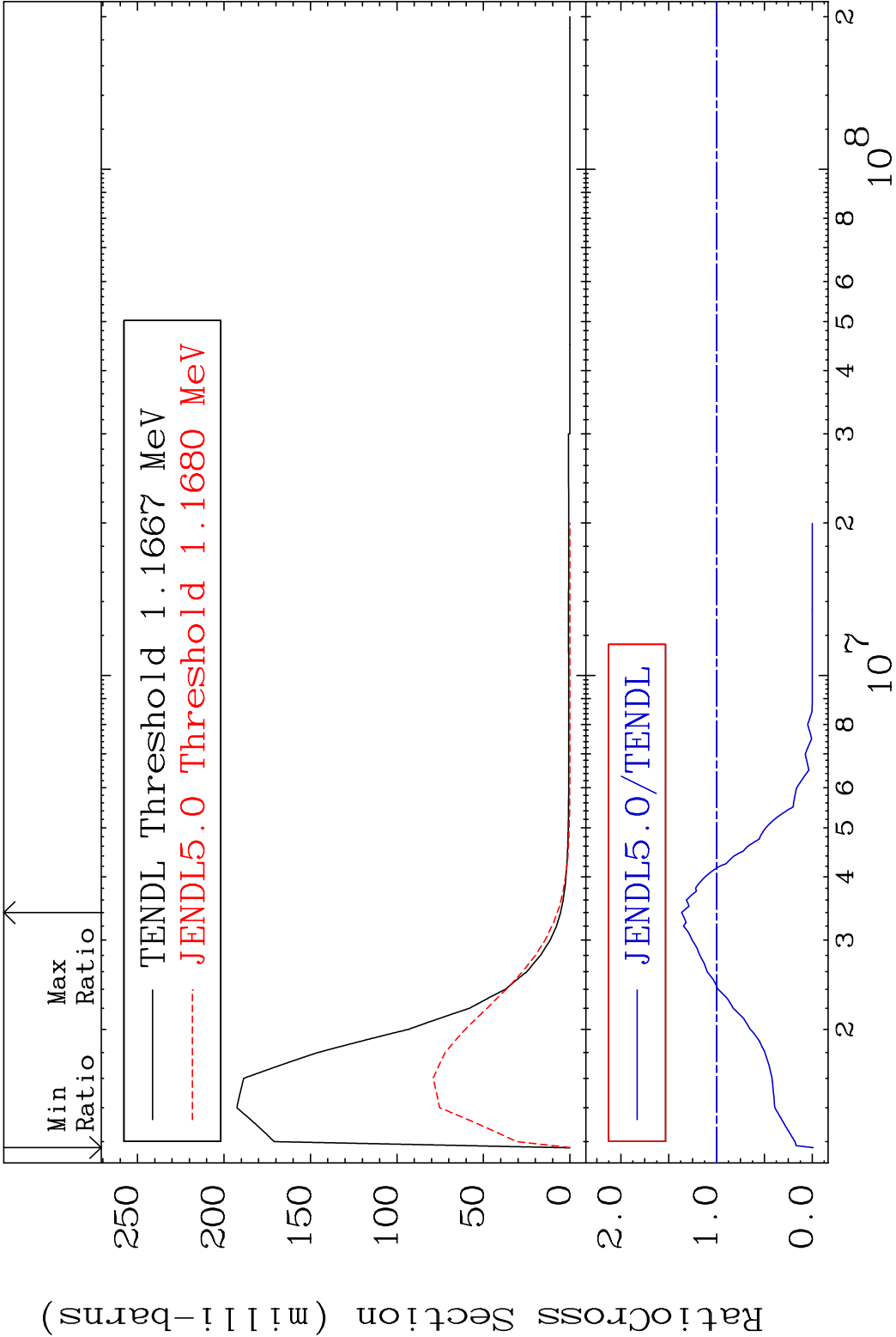
MAT 7025

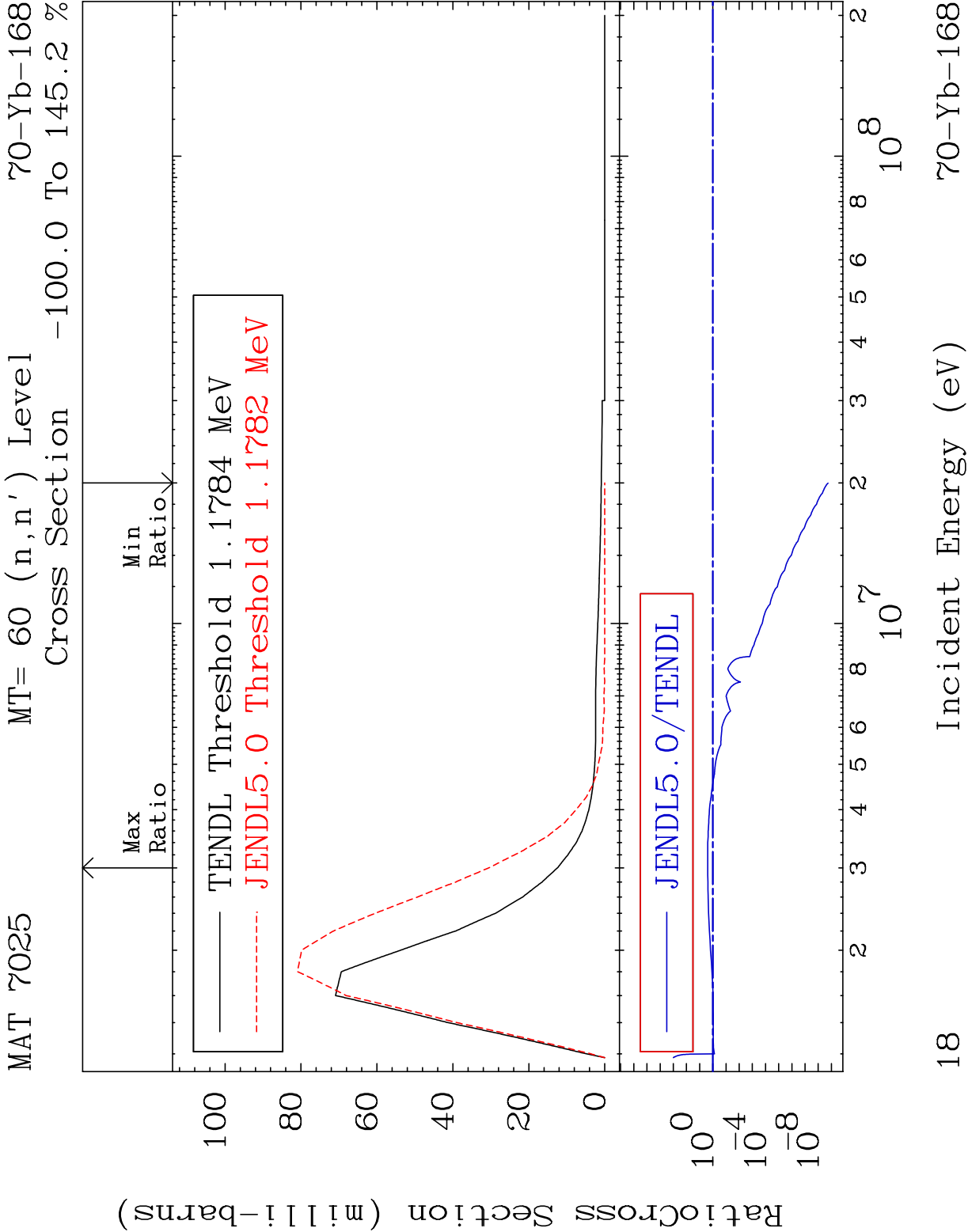
MT= 59 (n,n') Level

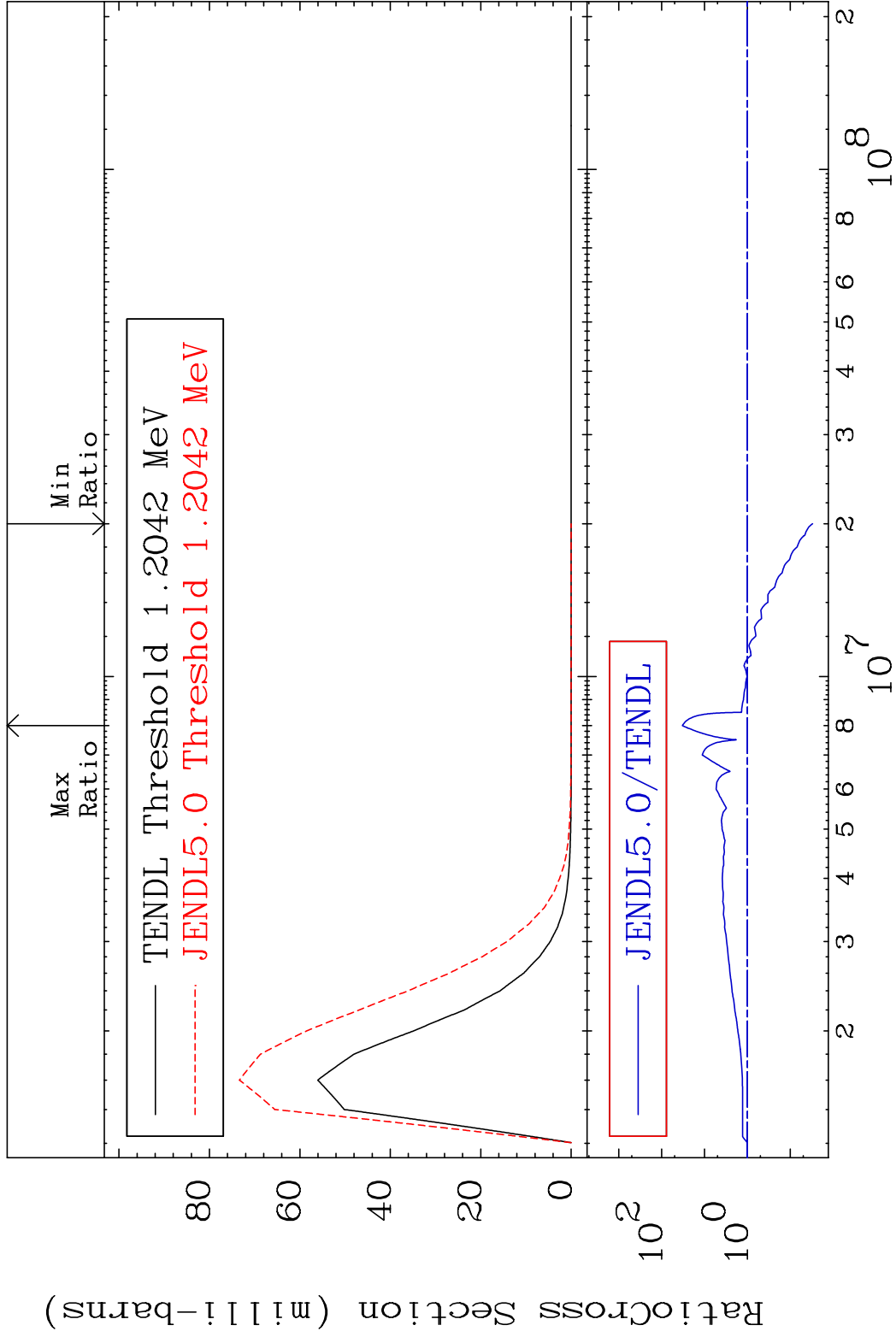
70-Yb-168

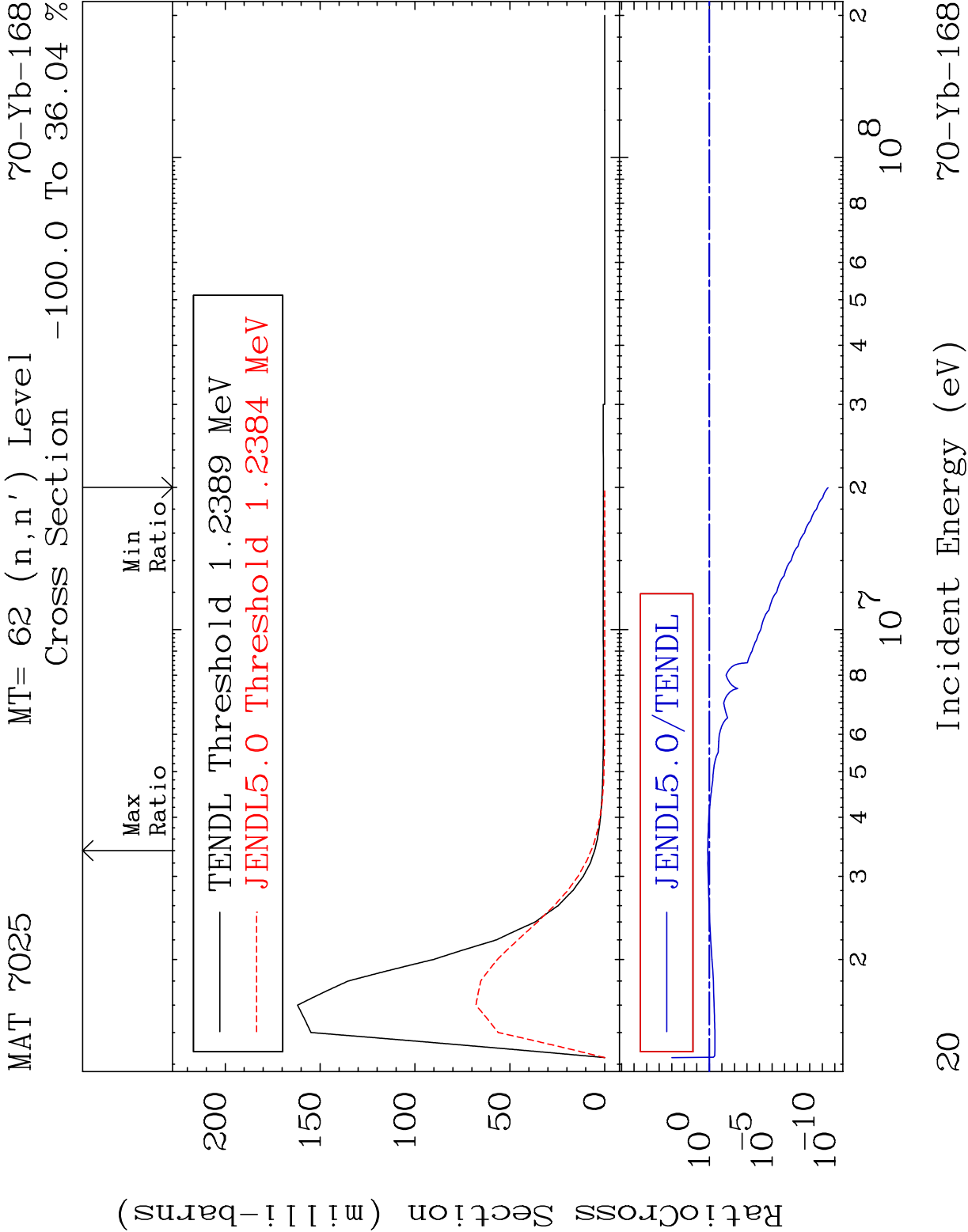
Cross Section

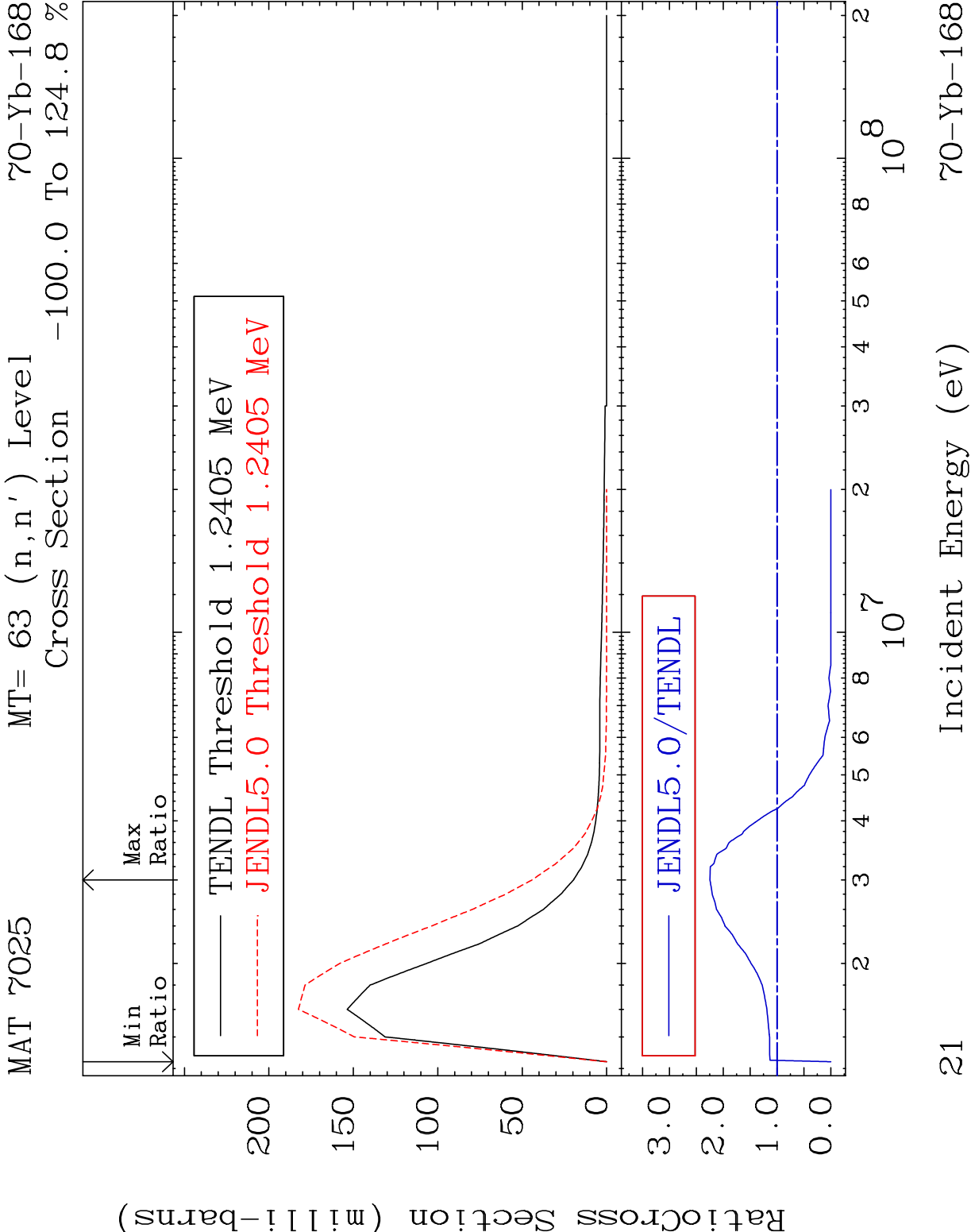
-100.0 To 36.58 %







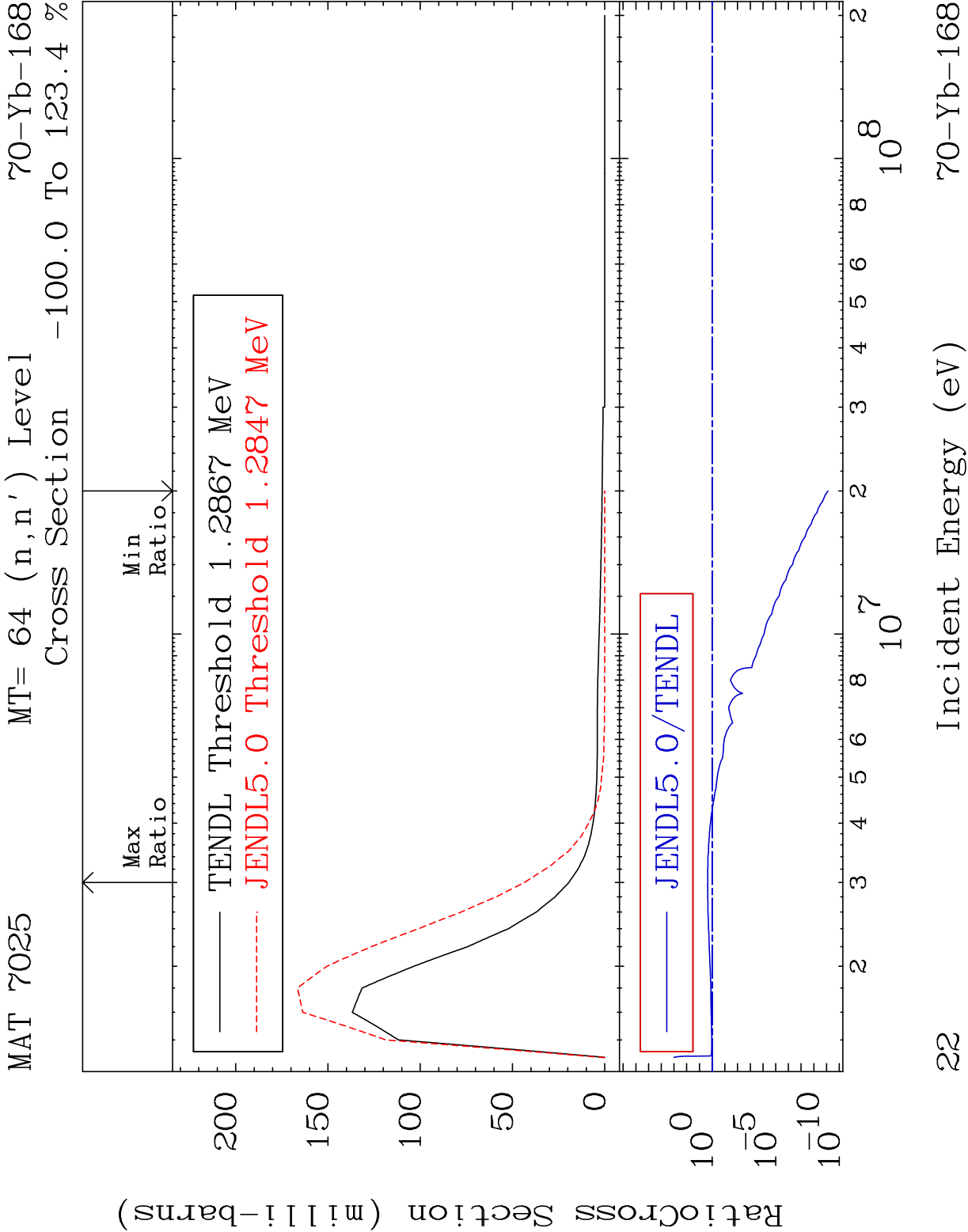


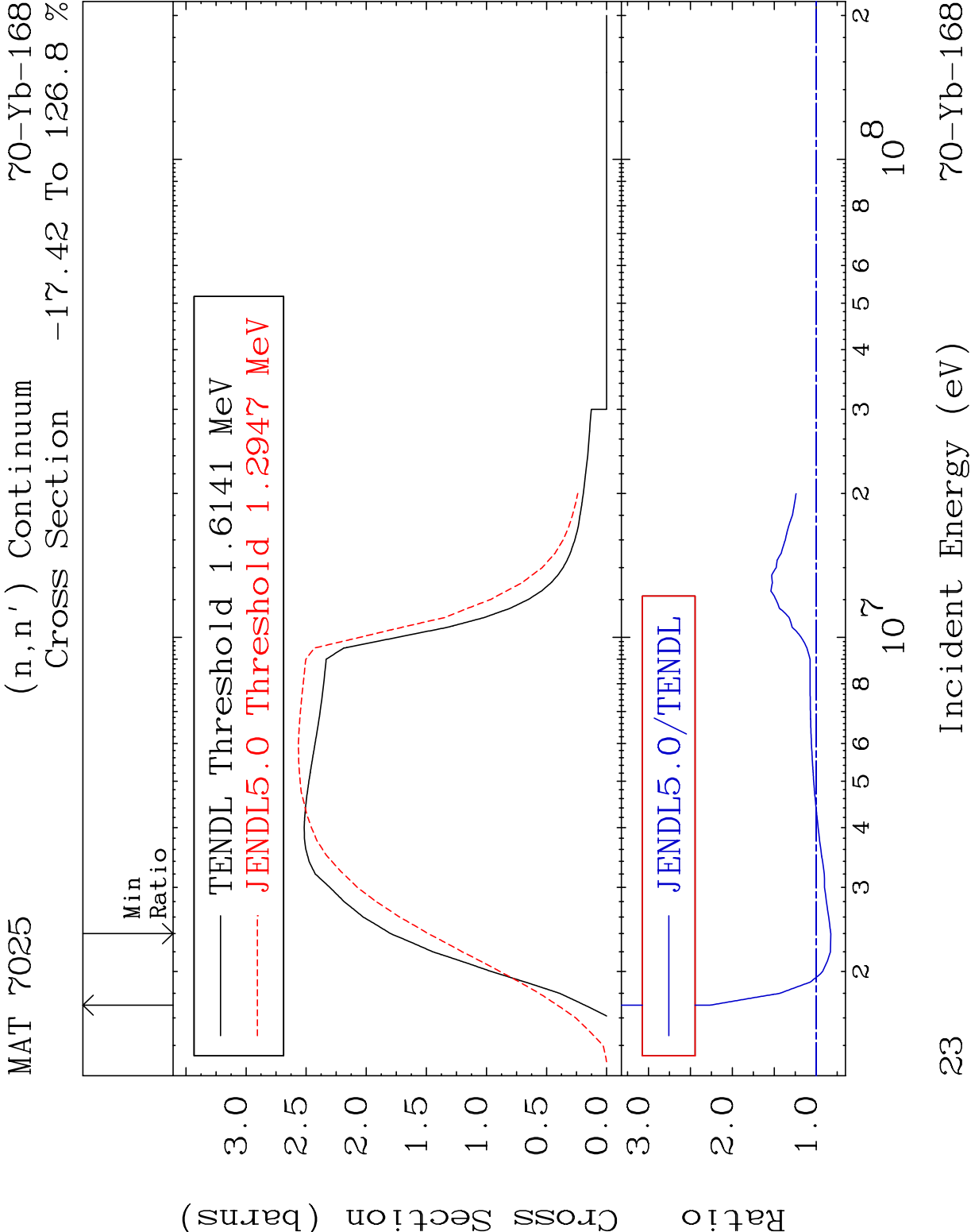


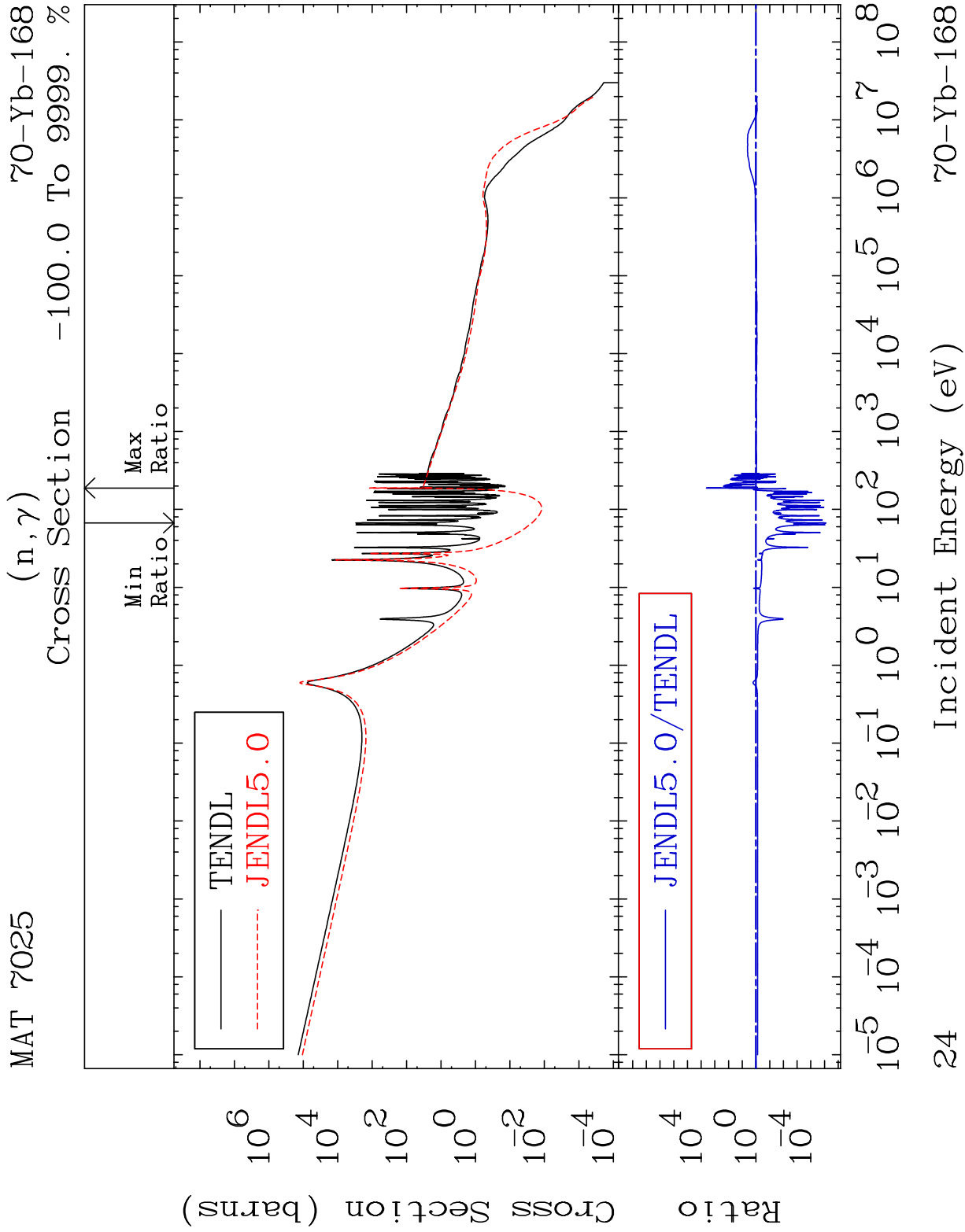
21

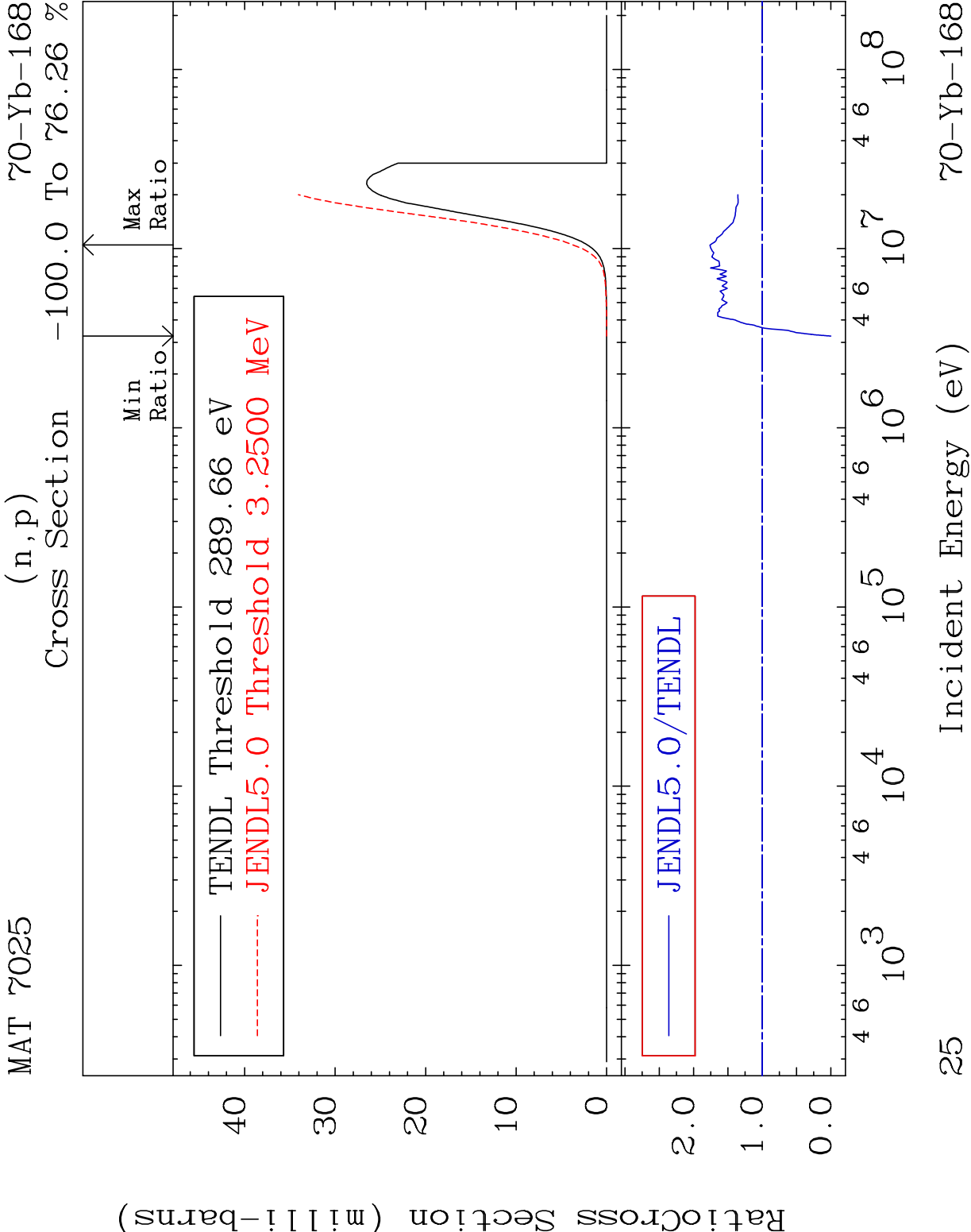
Incident Energy (eV)

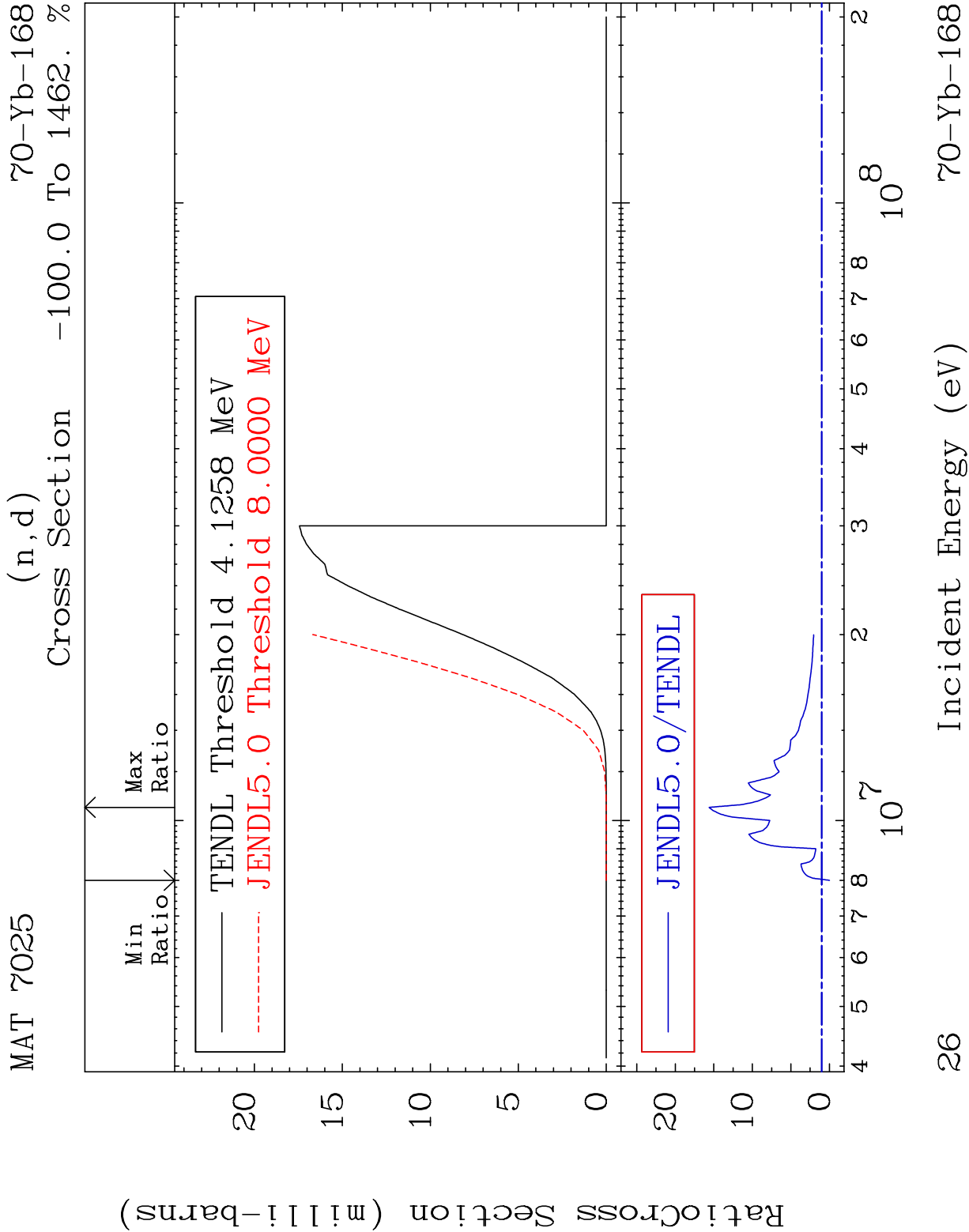
70-Yb-168

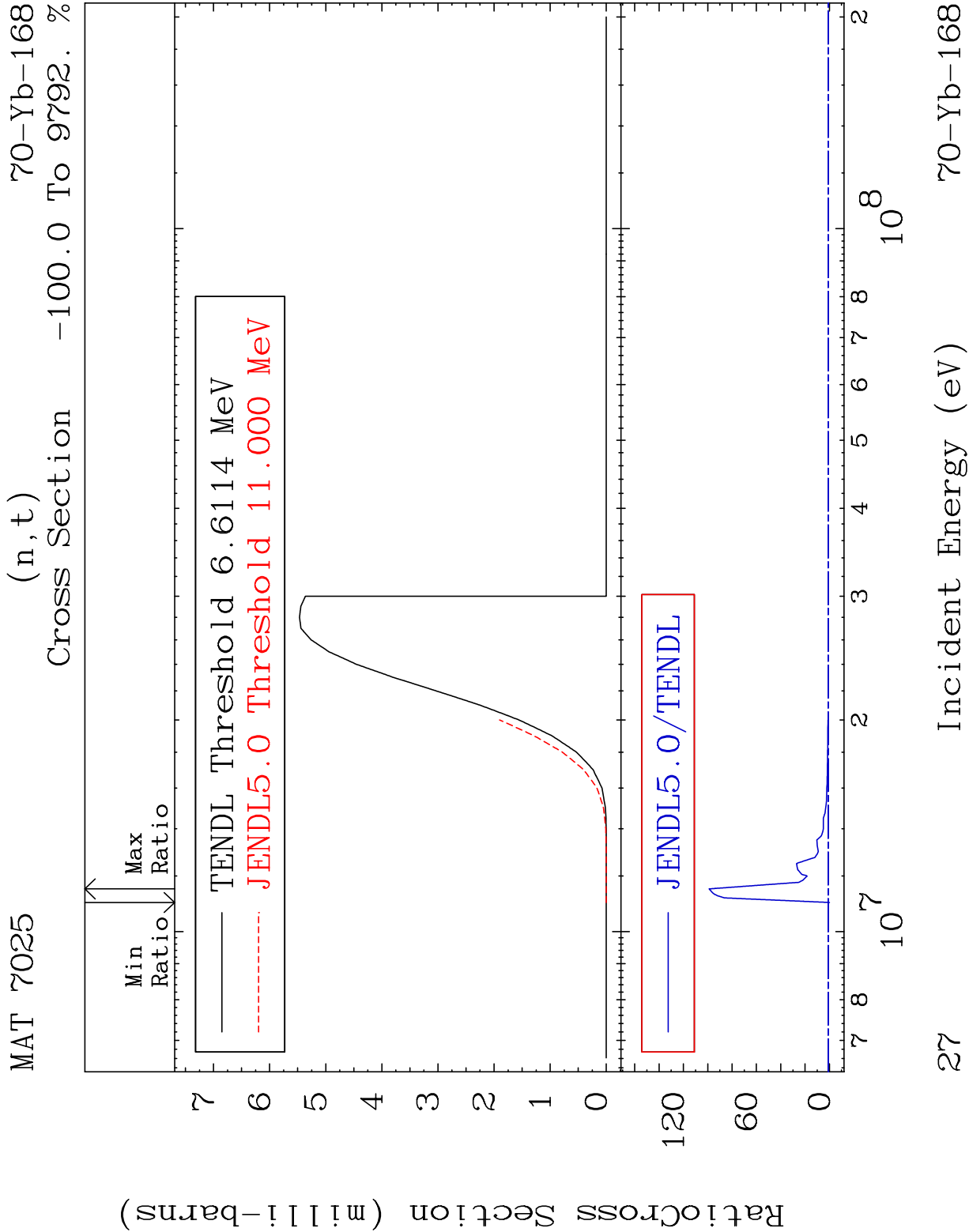


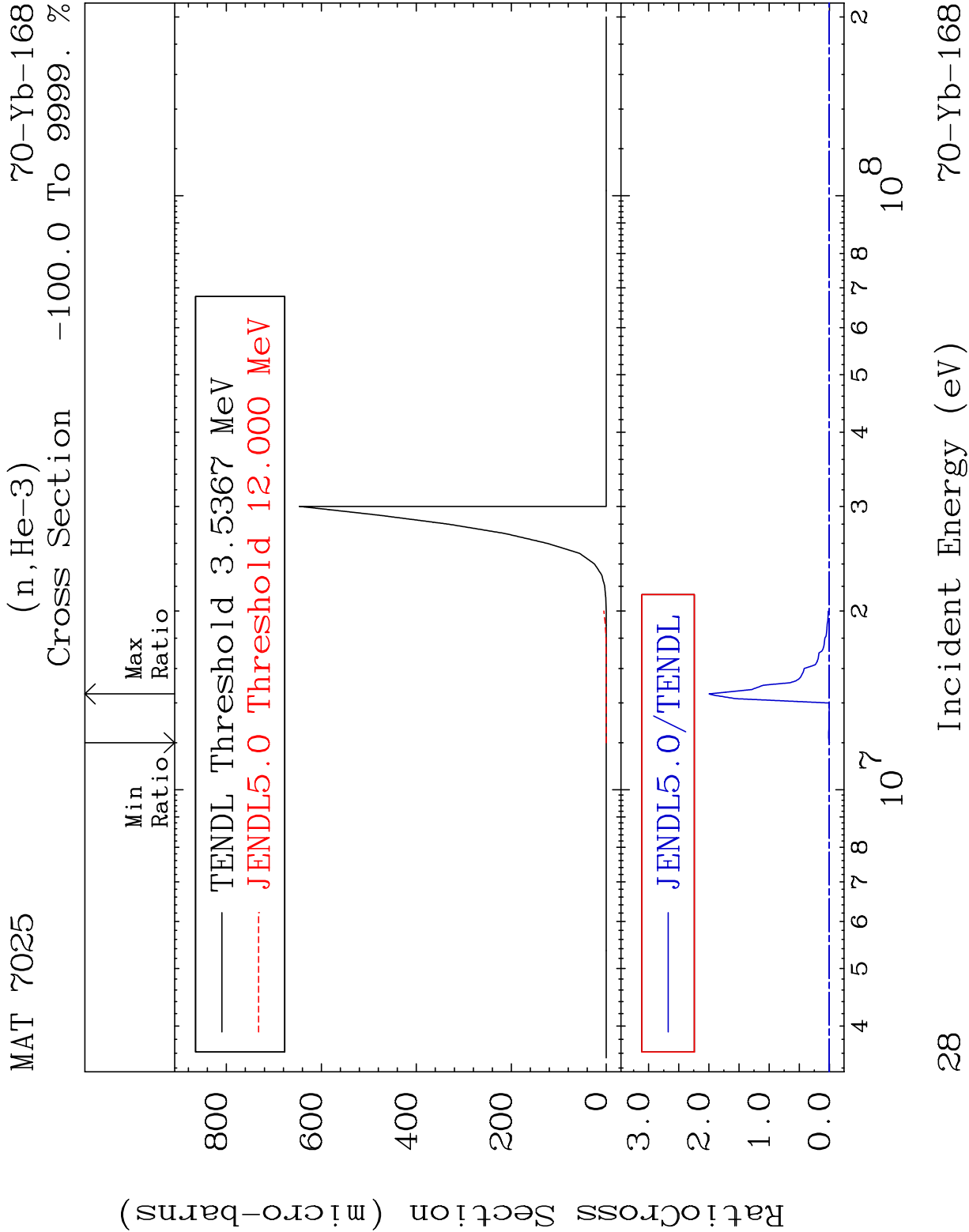


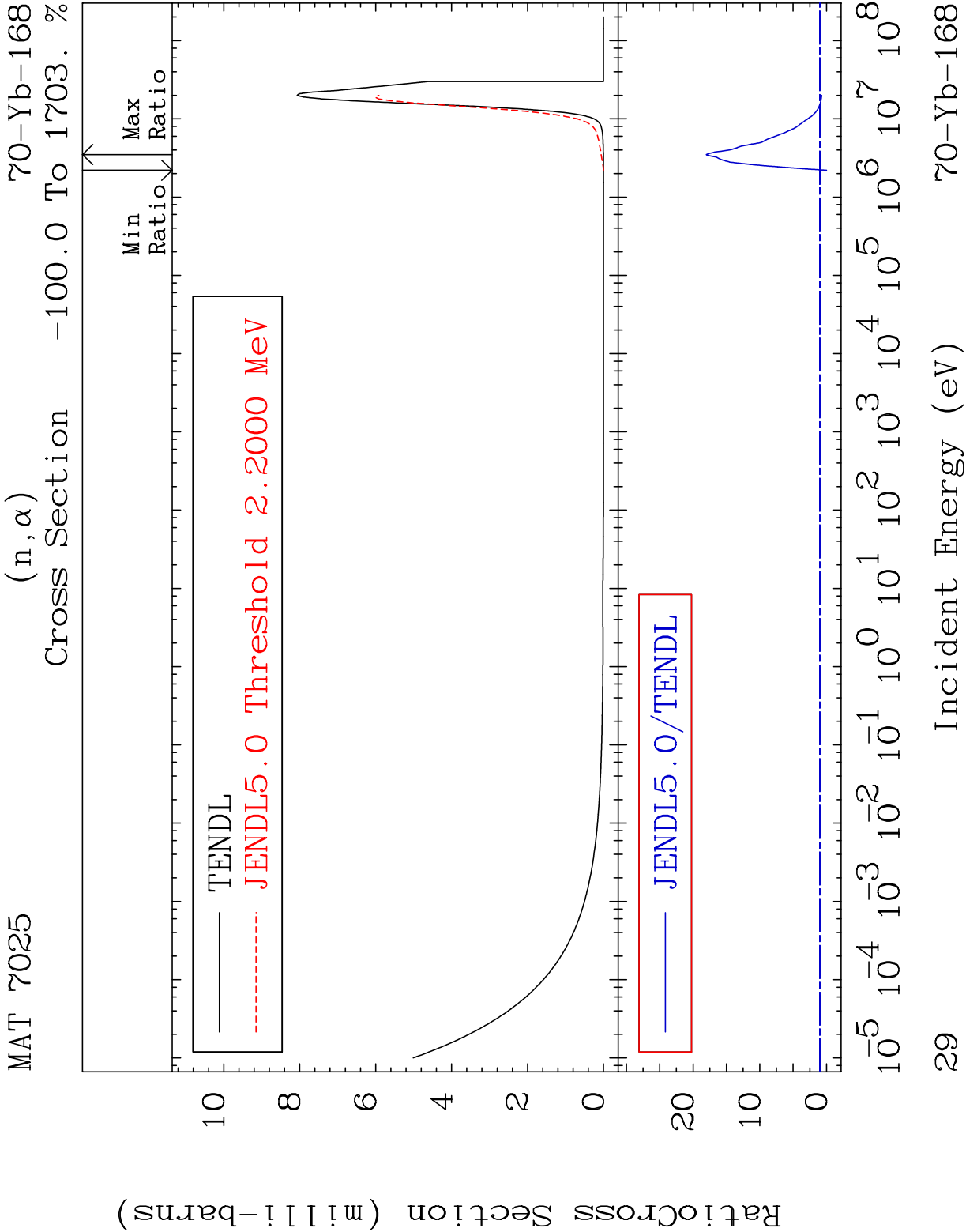


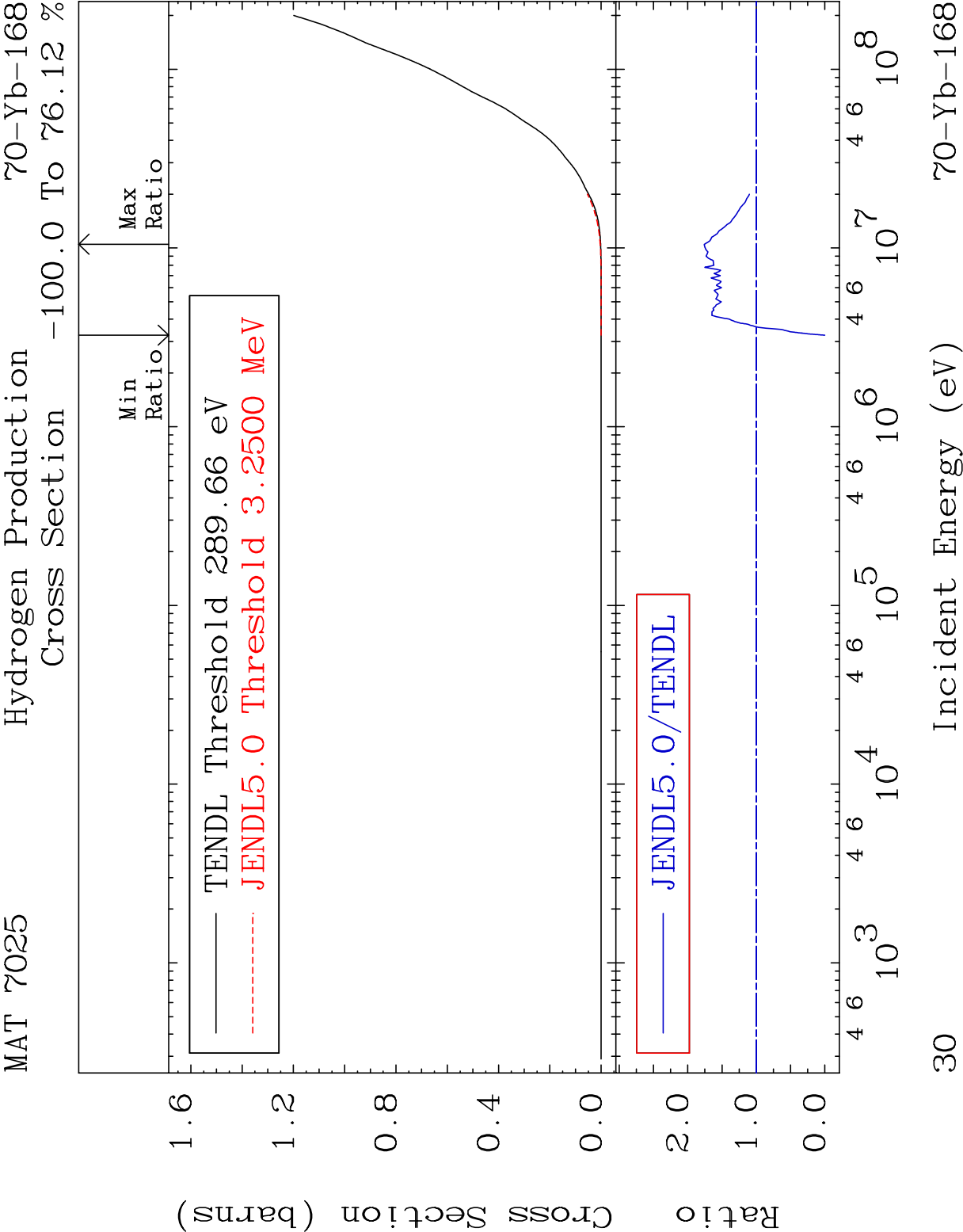


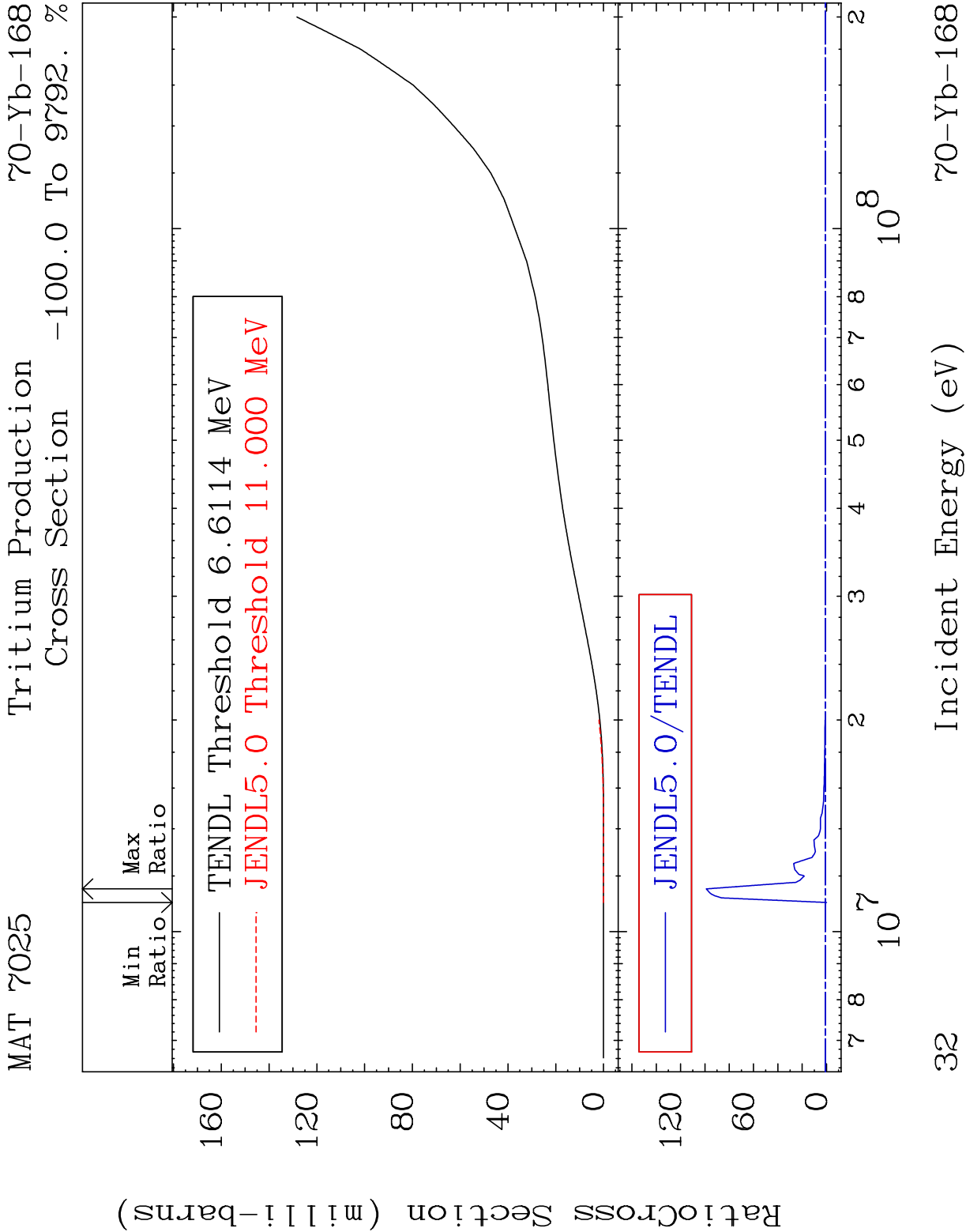


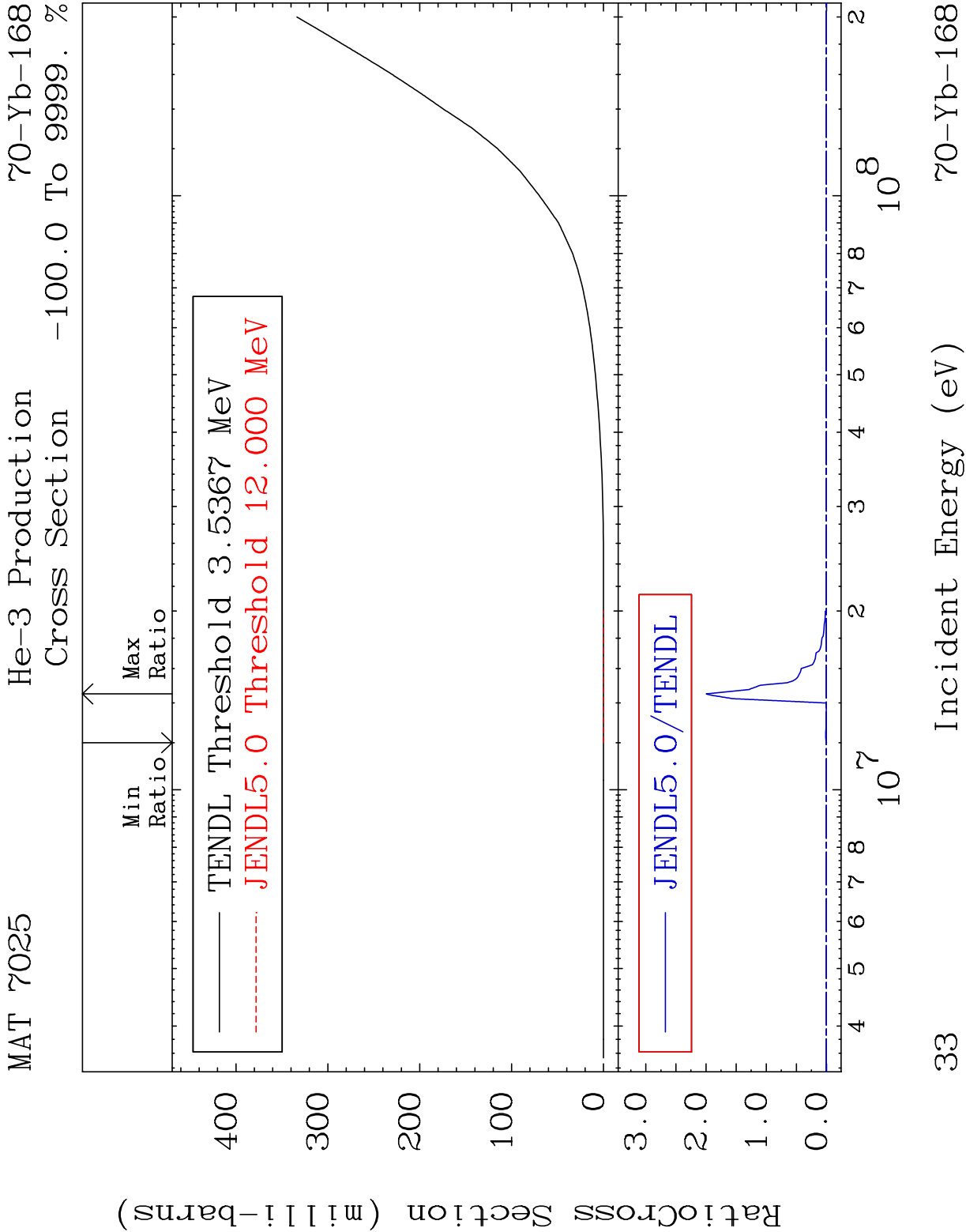


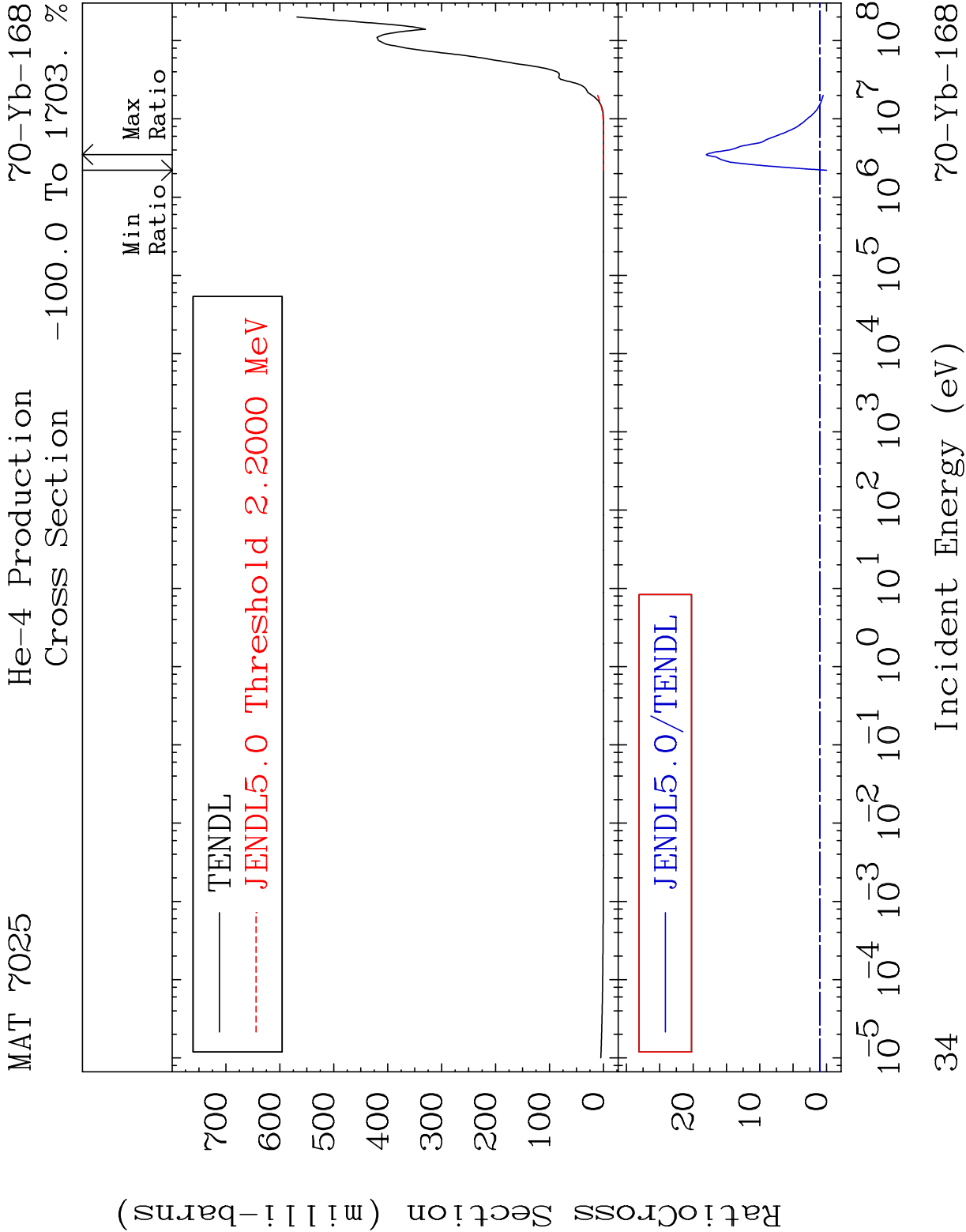


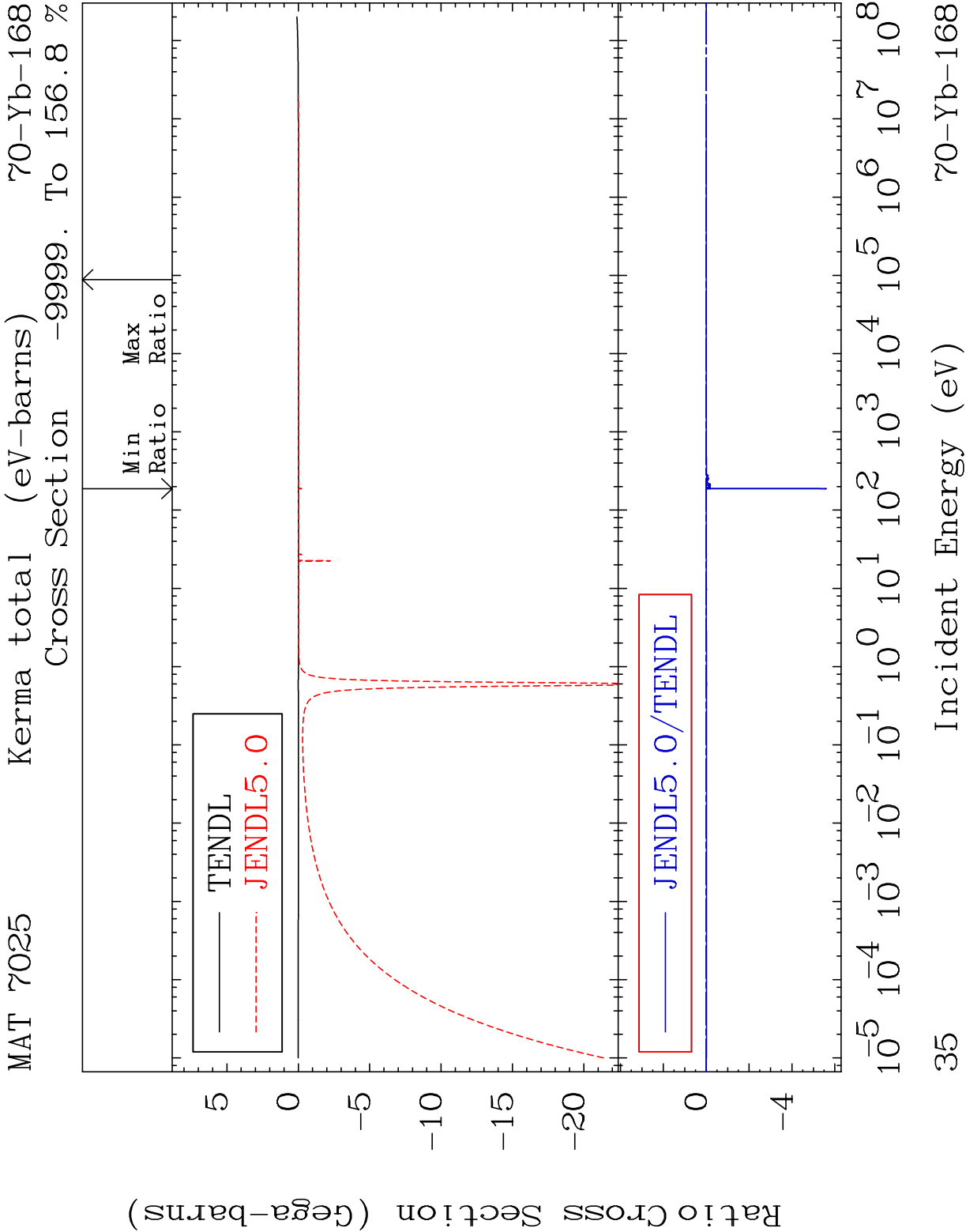




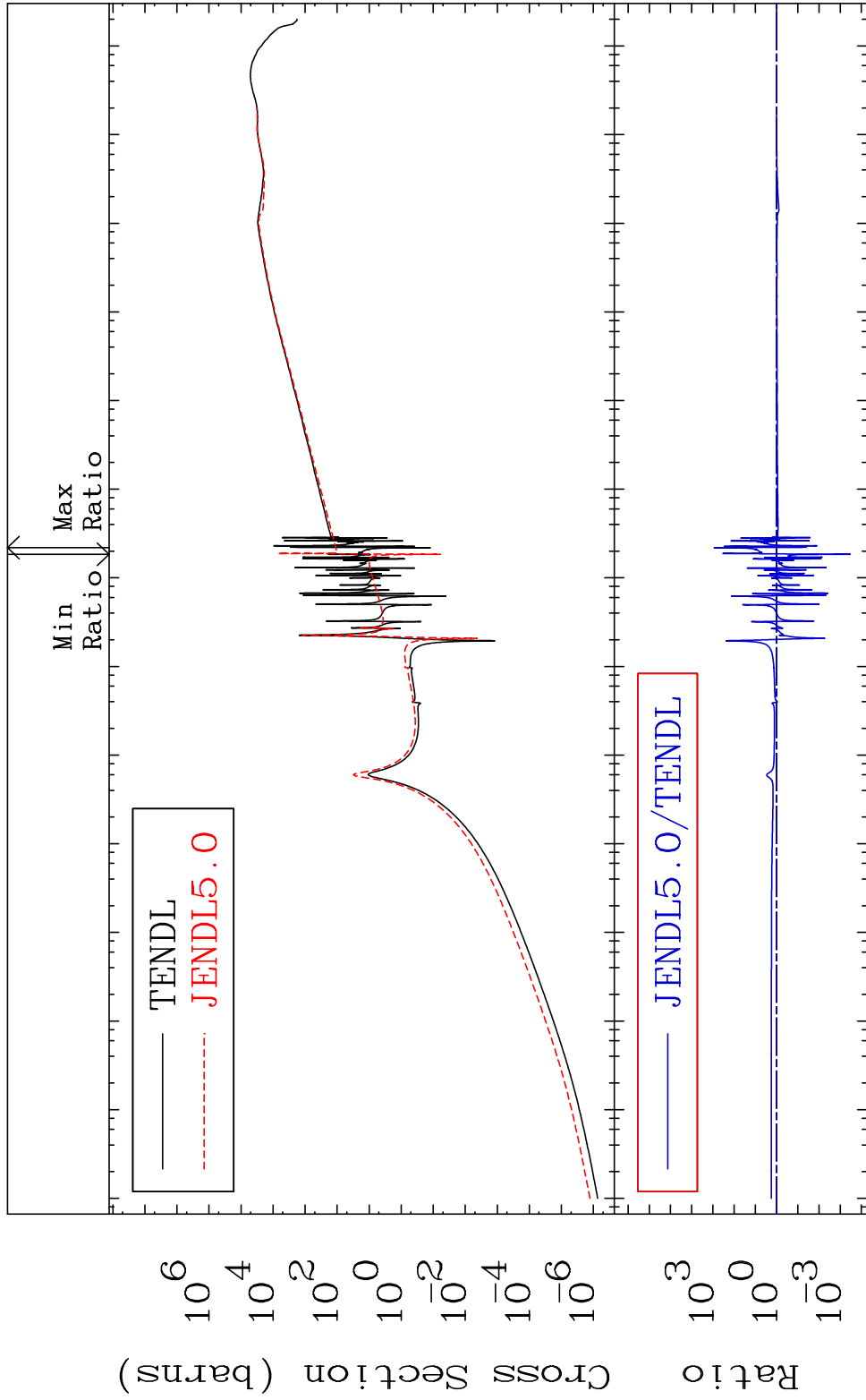


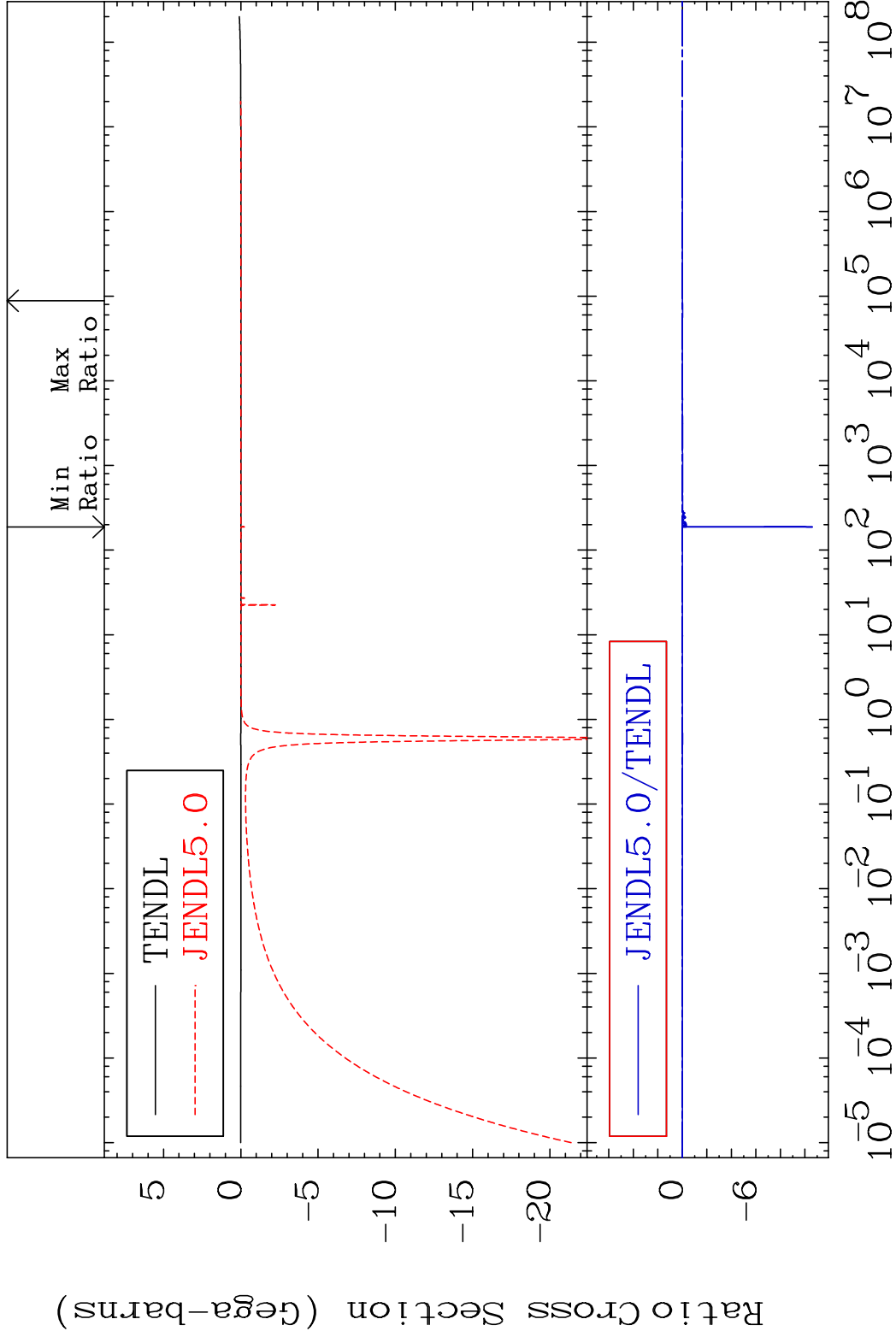


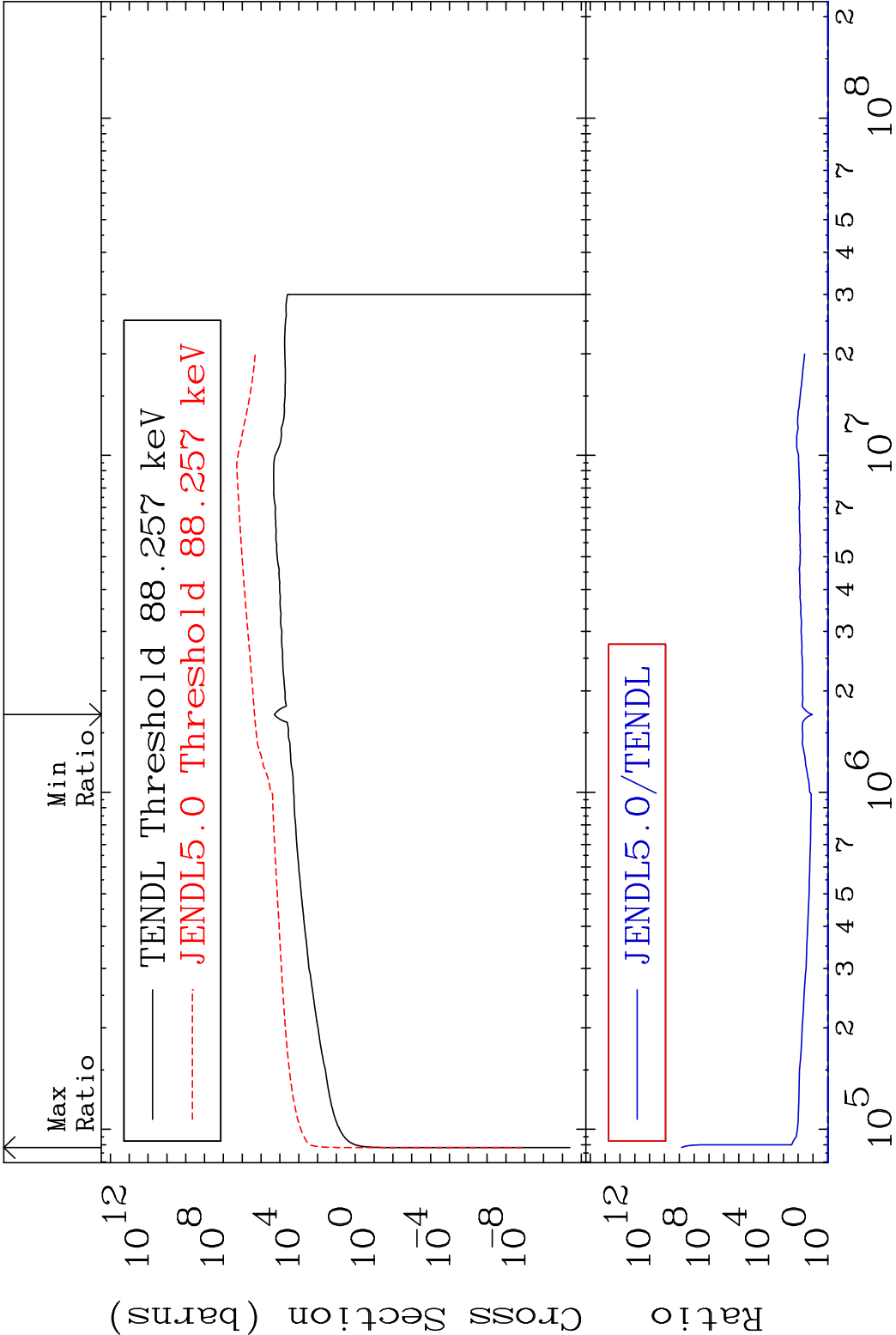




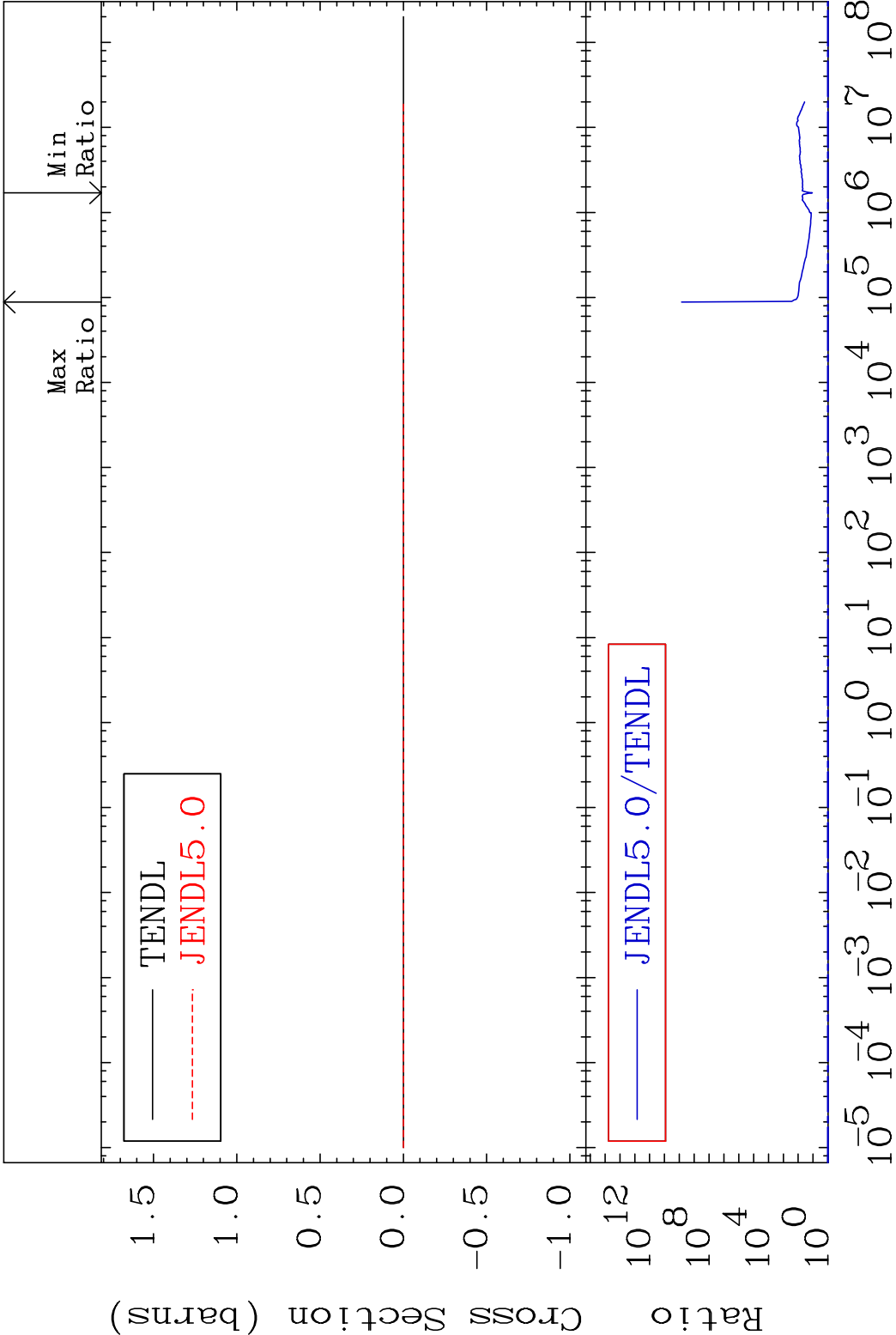
MAT 7025 Kerma elastic 70-Yb-168
Cross Section -99.97 To 9999. %



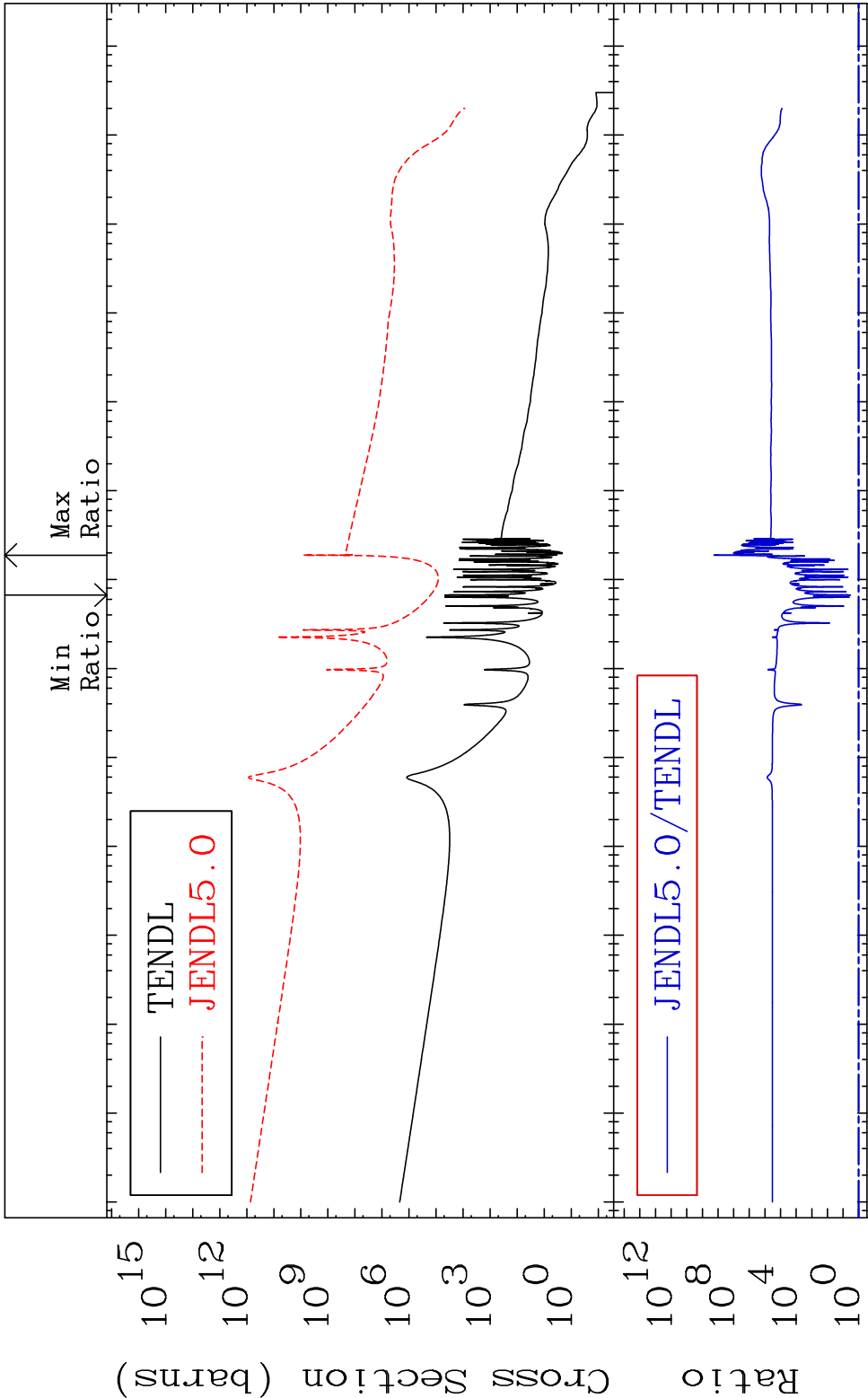




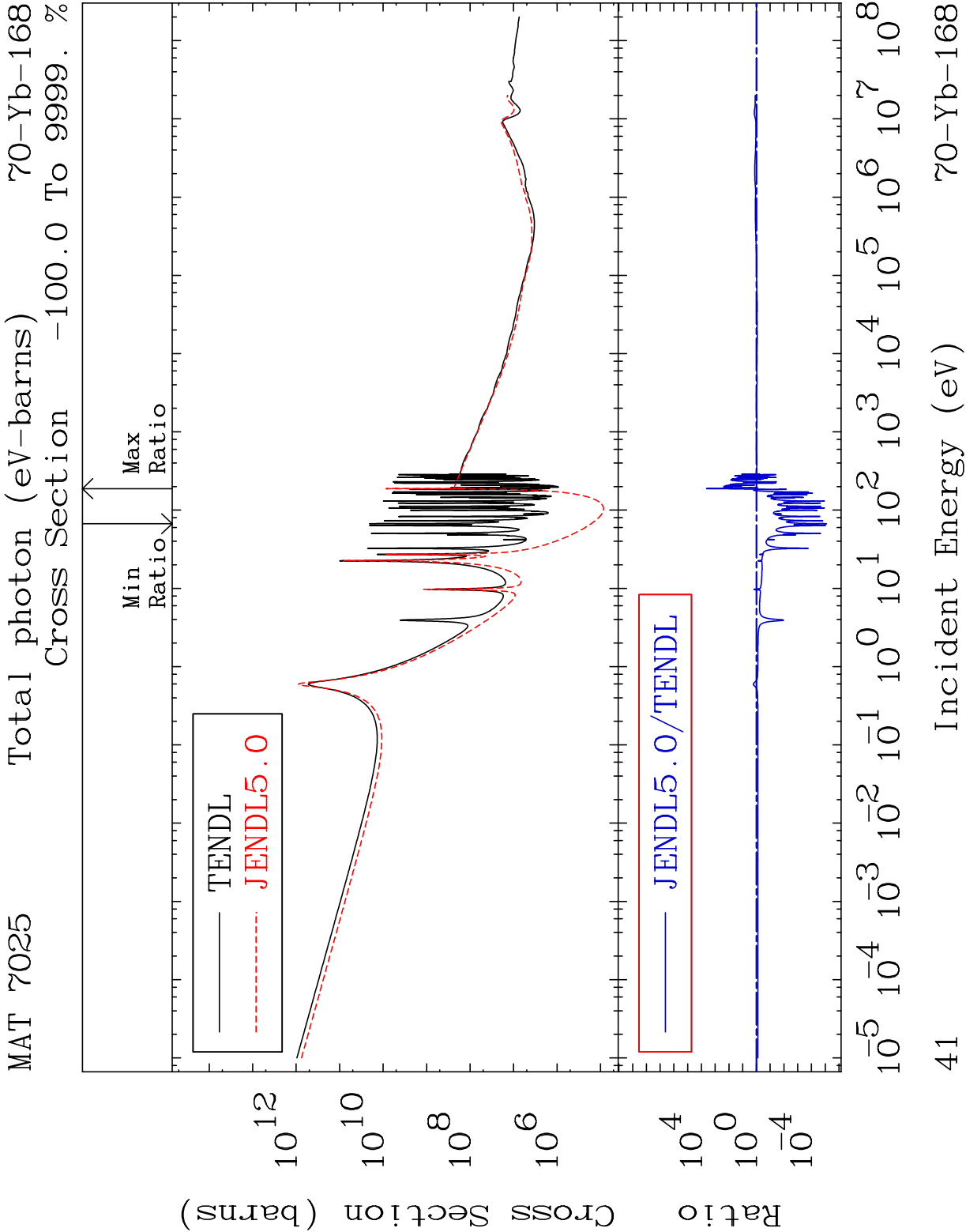
MAT 7025 Kerma fission (mt18 or mt19-20-21-38) 70-Yb-168
Cross Section 1033. To 9999. %

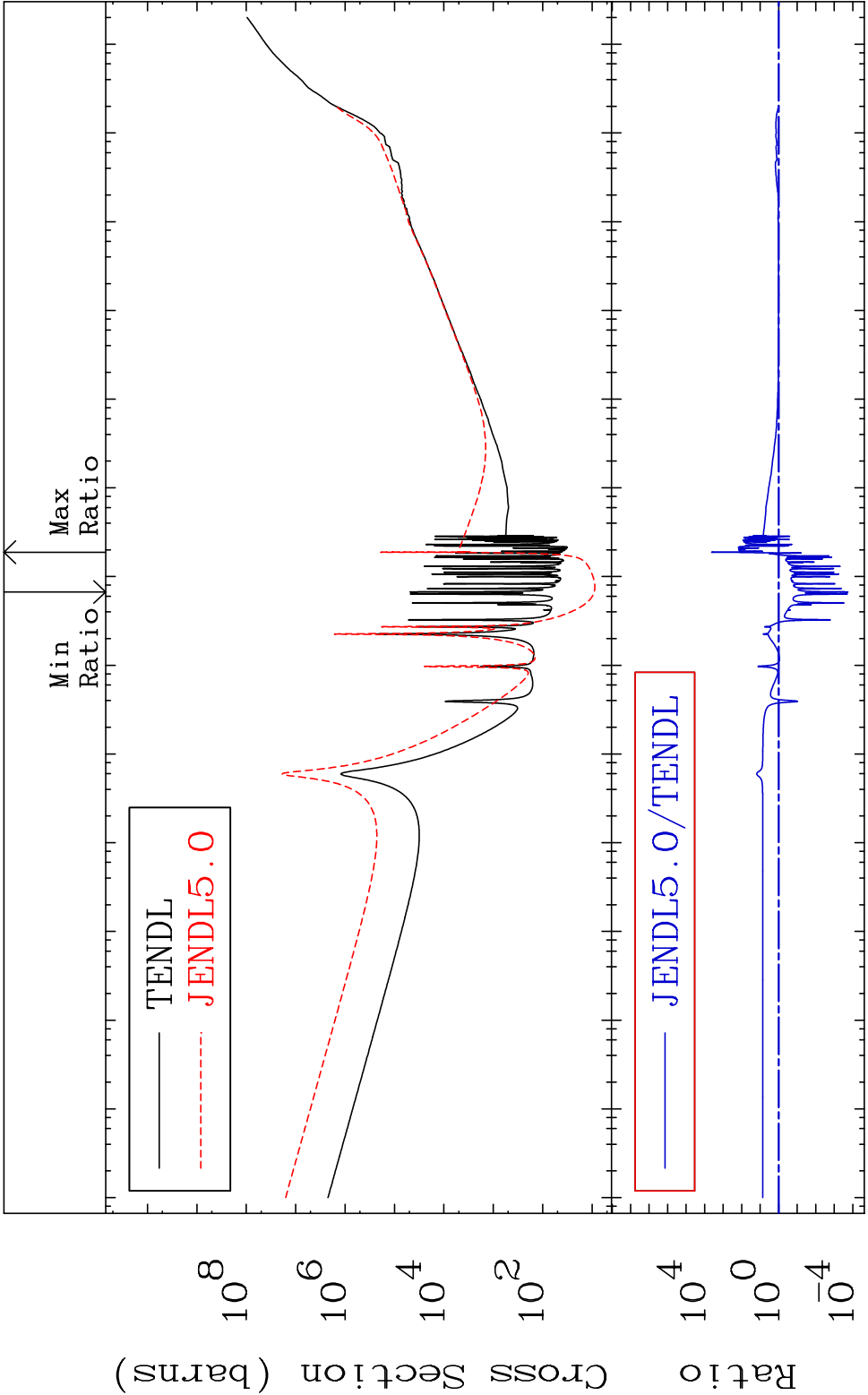


MAT 7025 Kerma capture (mt102) 70-Yb-168
Cross Section 239.1 To 9999. %

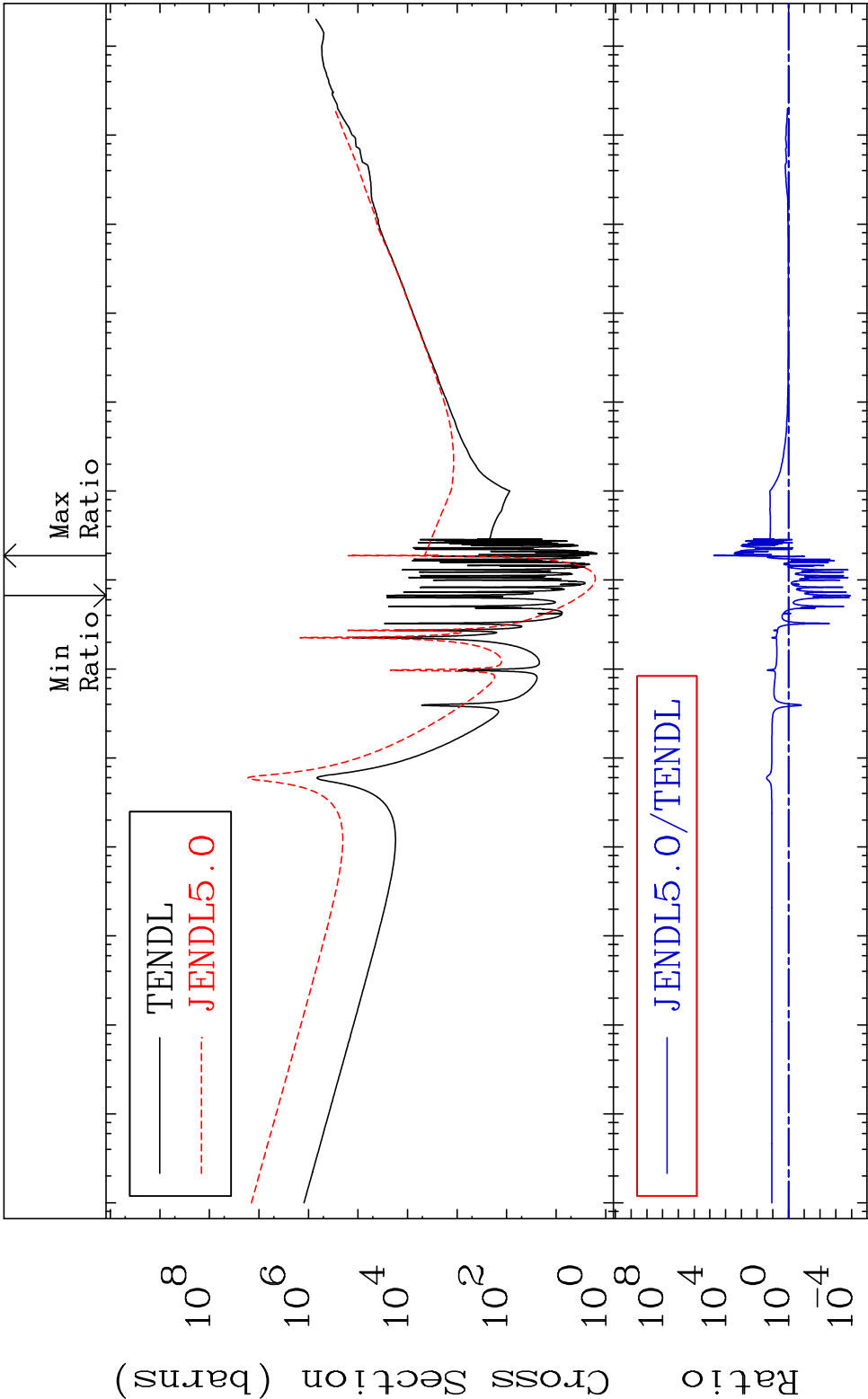


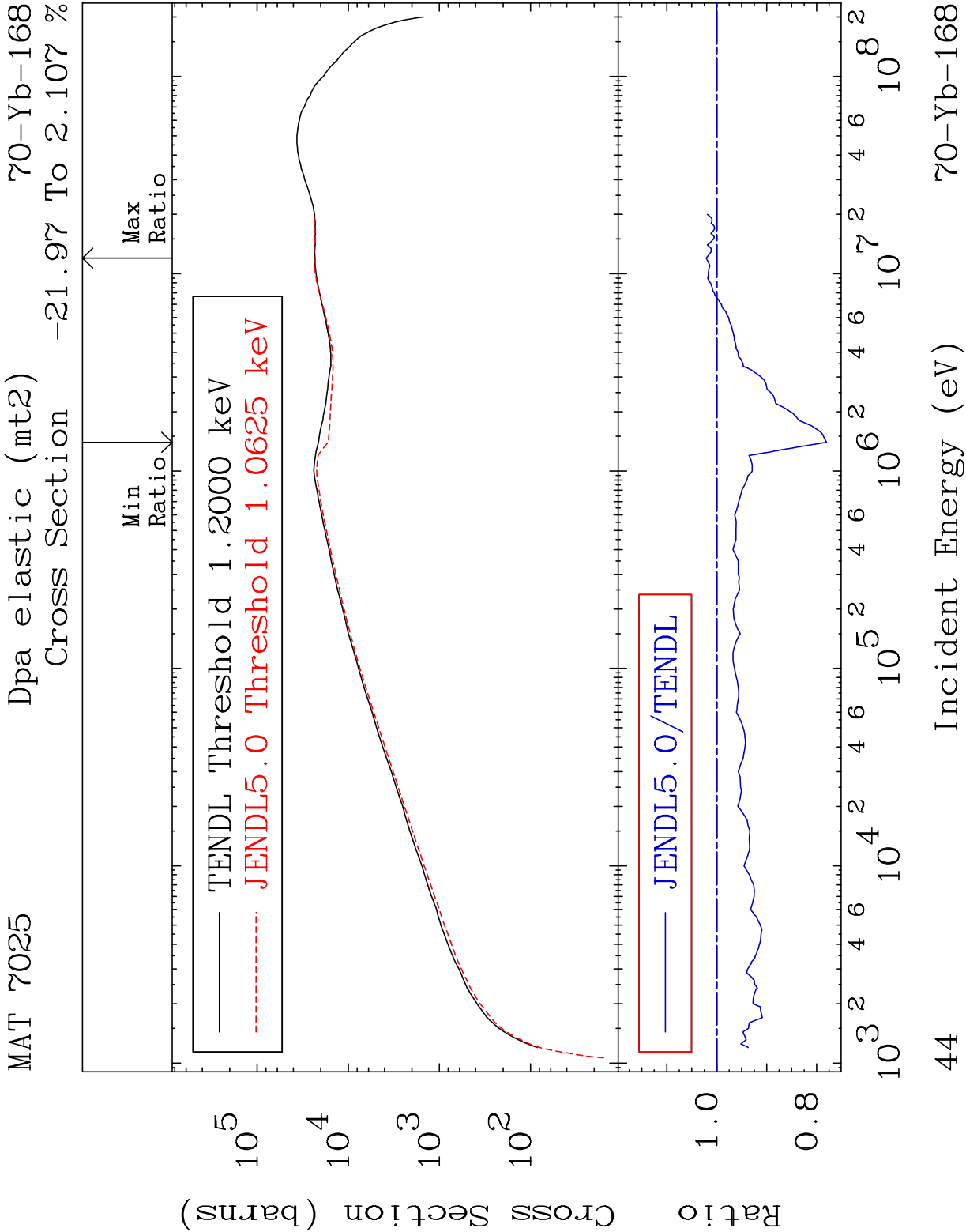
40 Incident Energy (eV) 70-Yb-168



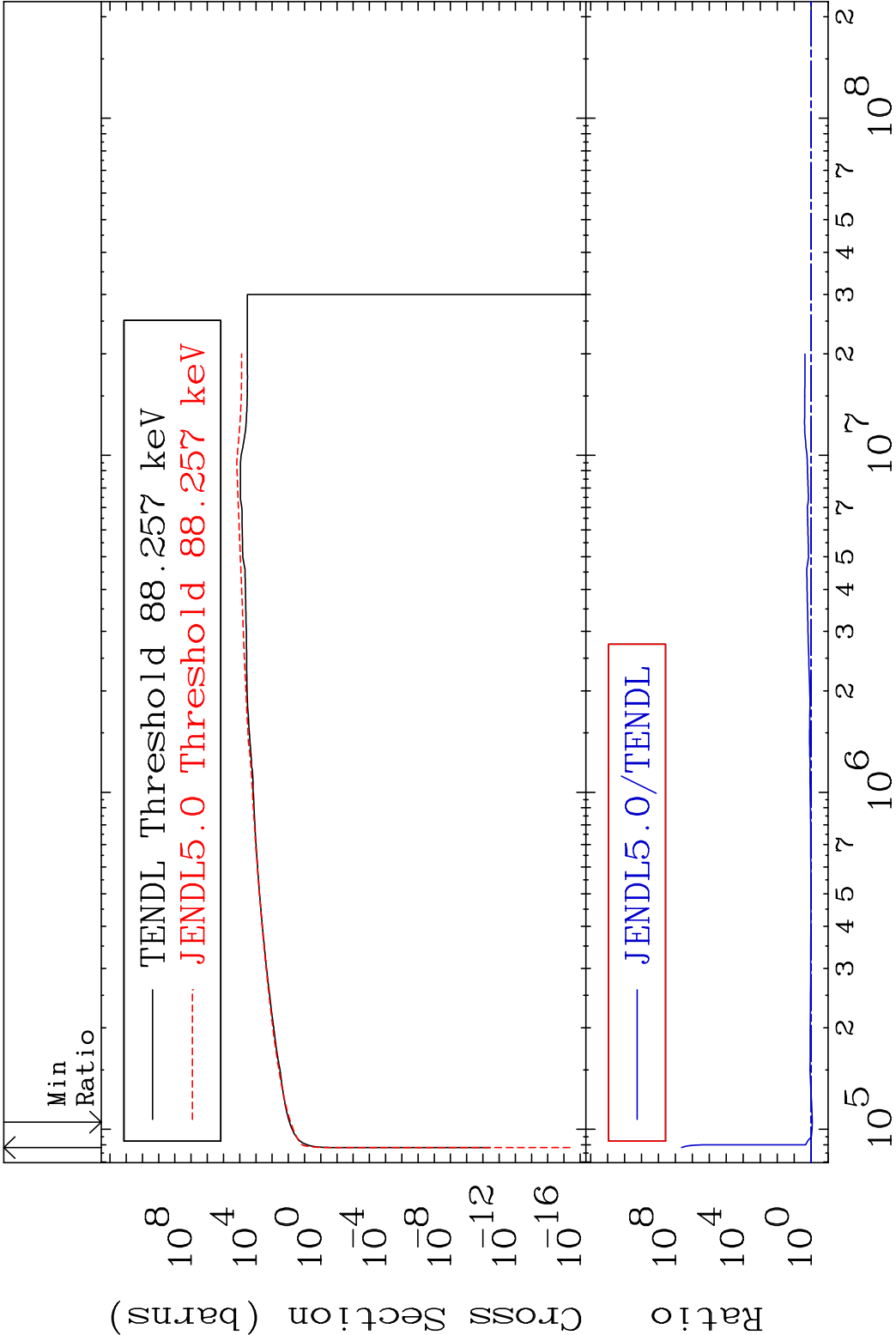


MAT 7025 Dpa total (eV-barns) 70-Yb-168
Cross Section -99.99 To 9999. %

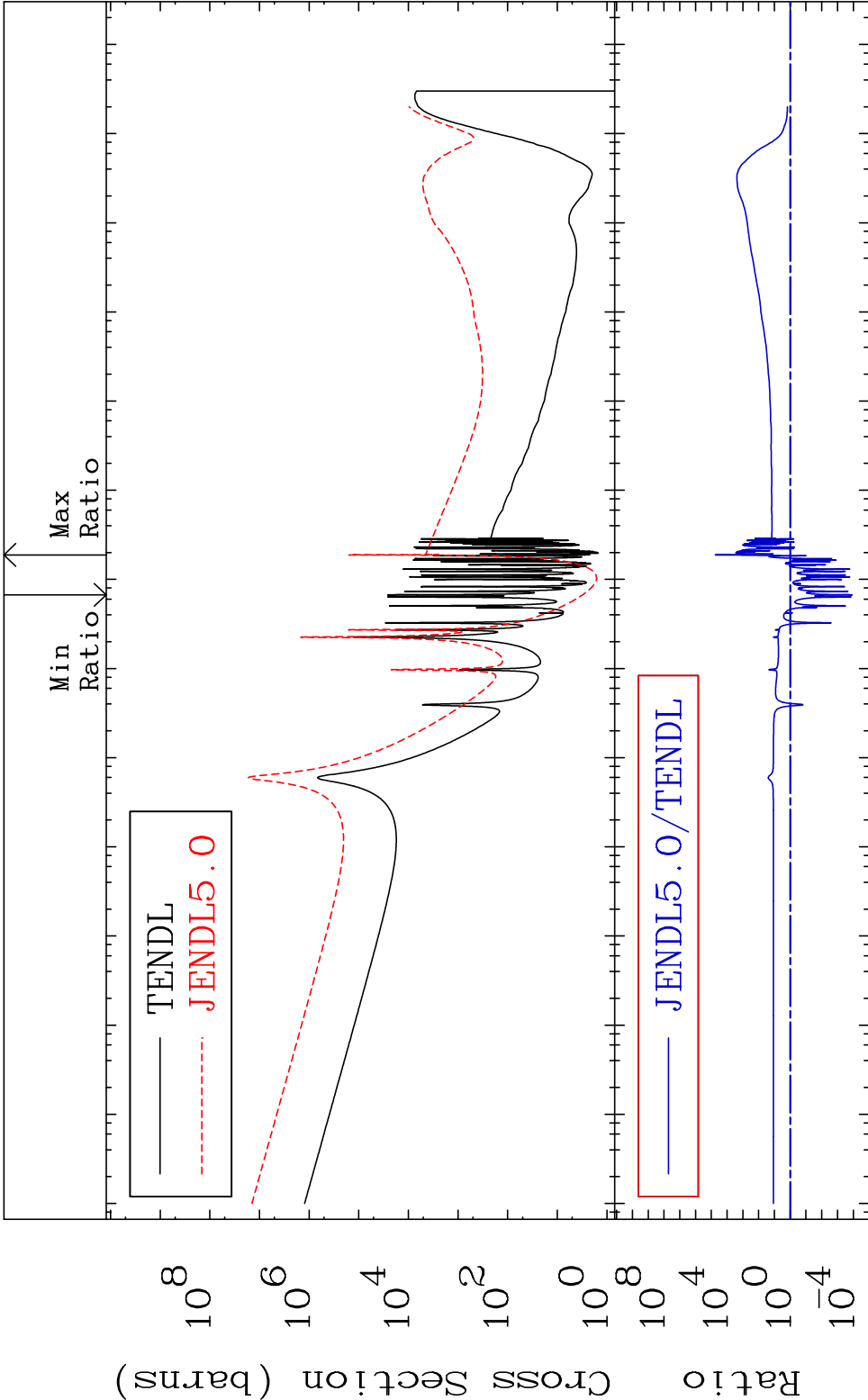




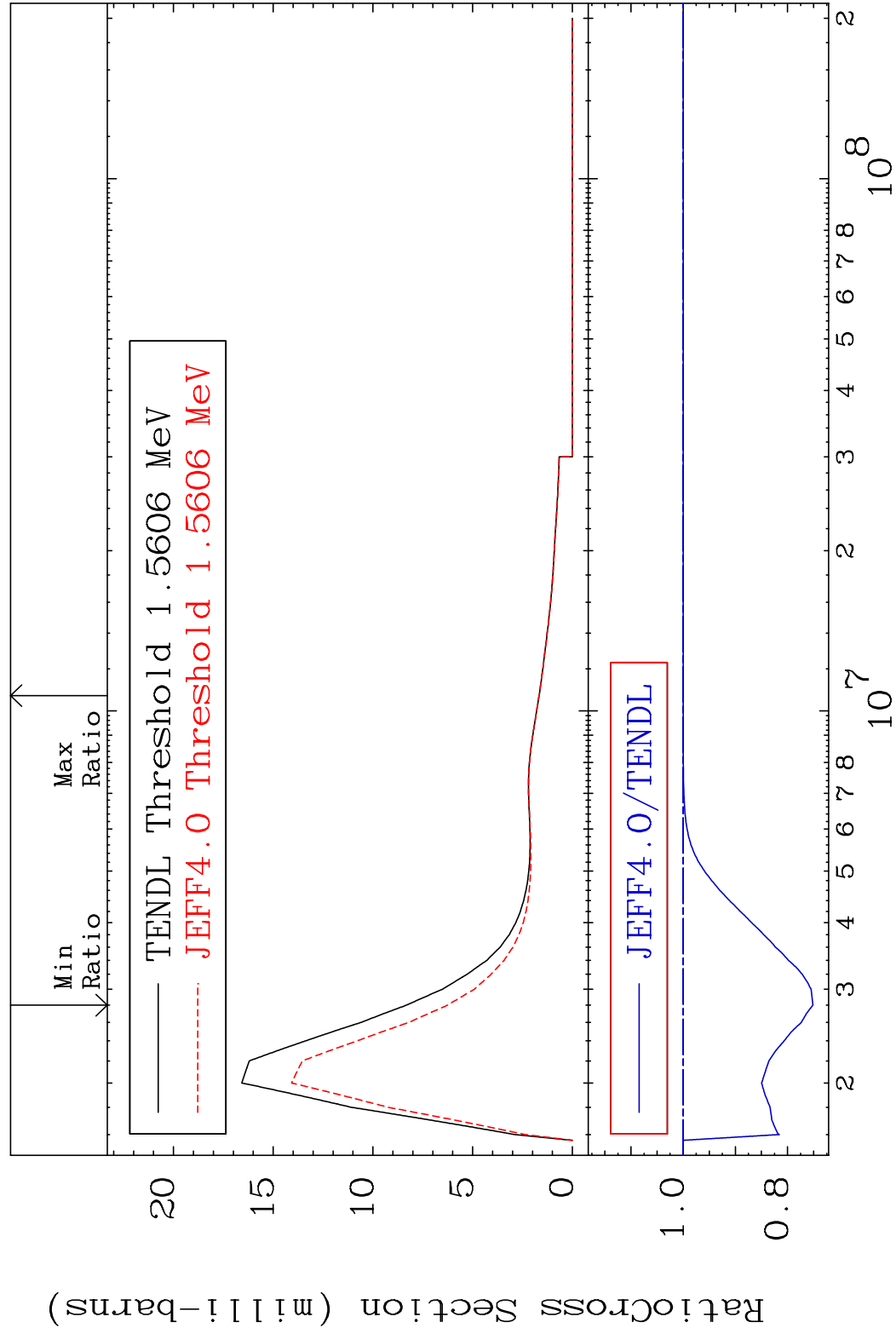
MAT 7025 Dpa inelastic (mt51-91) 70-Yb-168
Cross Section -14.89 To 9999. %



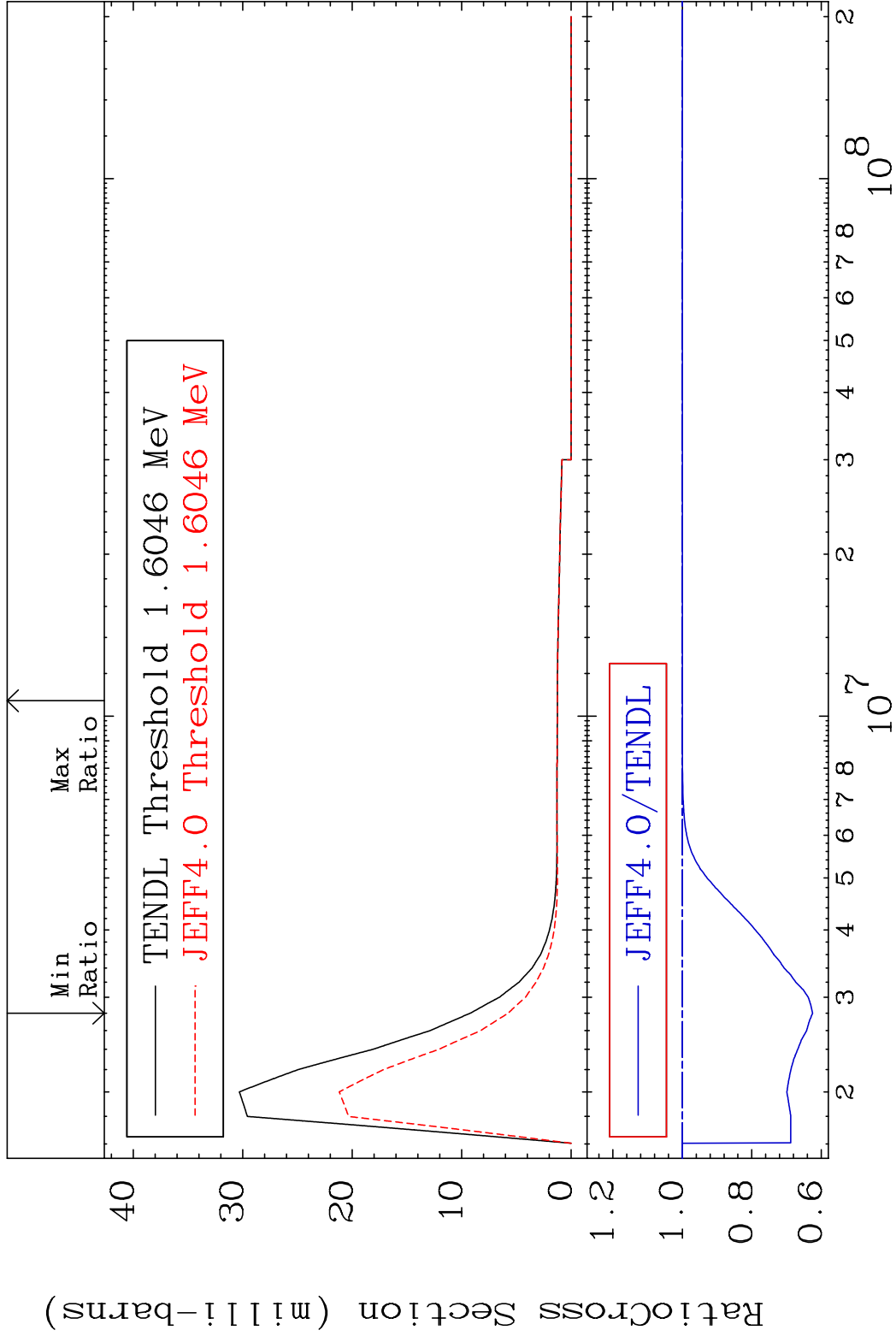
45 Incident Energy (eV) 70-Yb-168

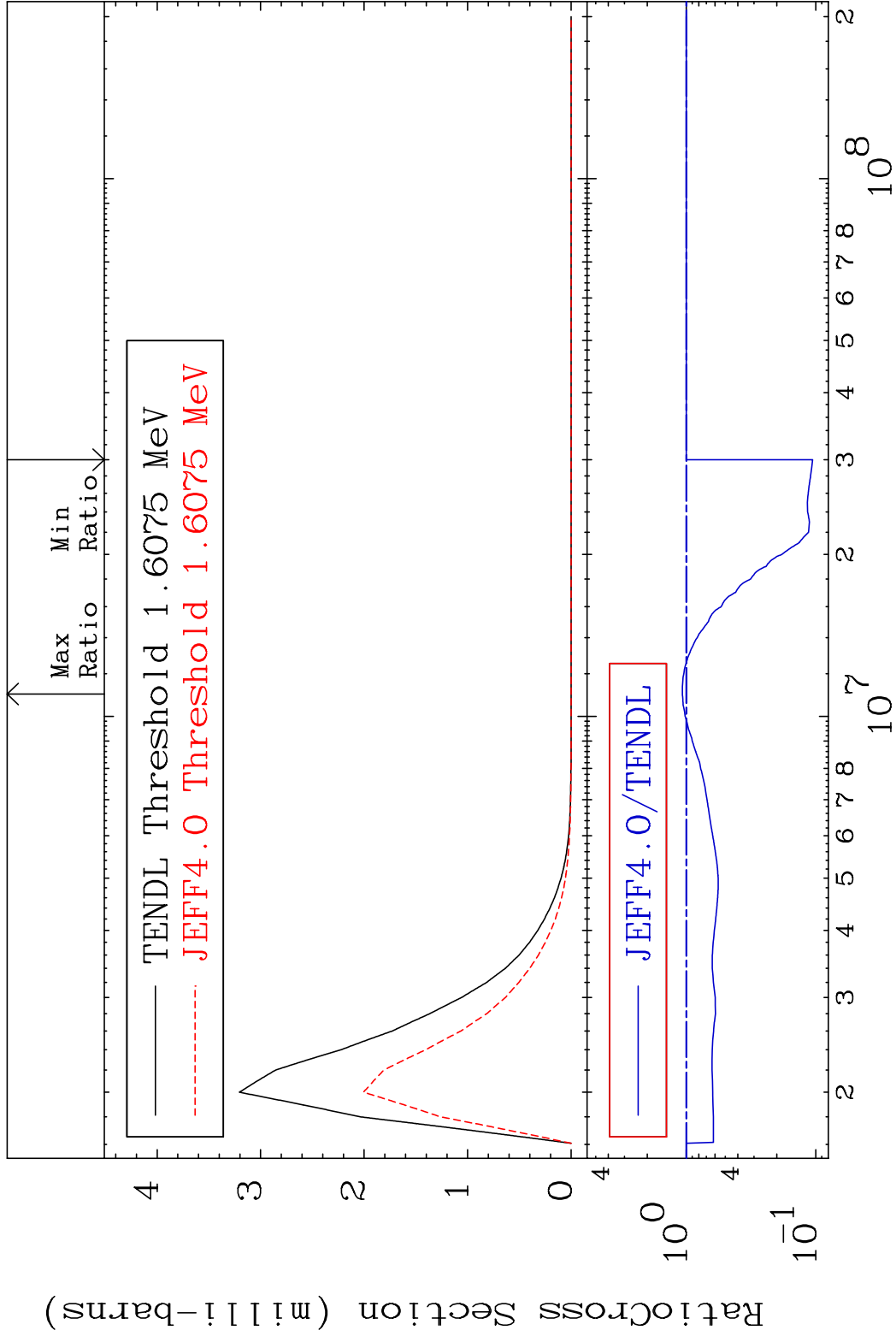


MAT 7025	MT= 77 (n,n')	Level	70-Yb-168
	Cross Section	-24.85 To 0.000 %	

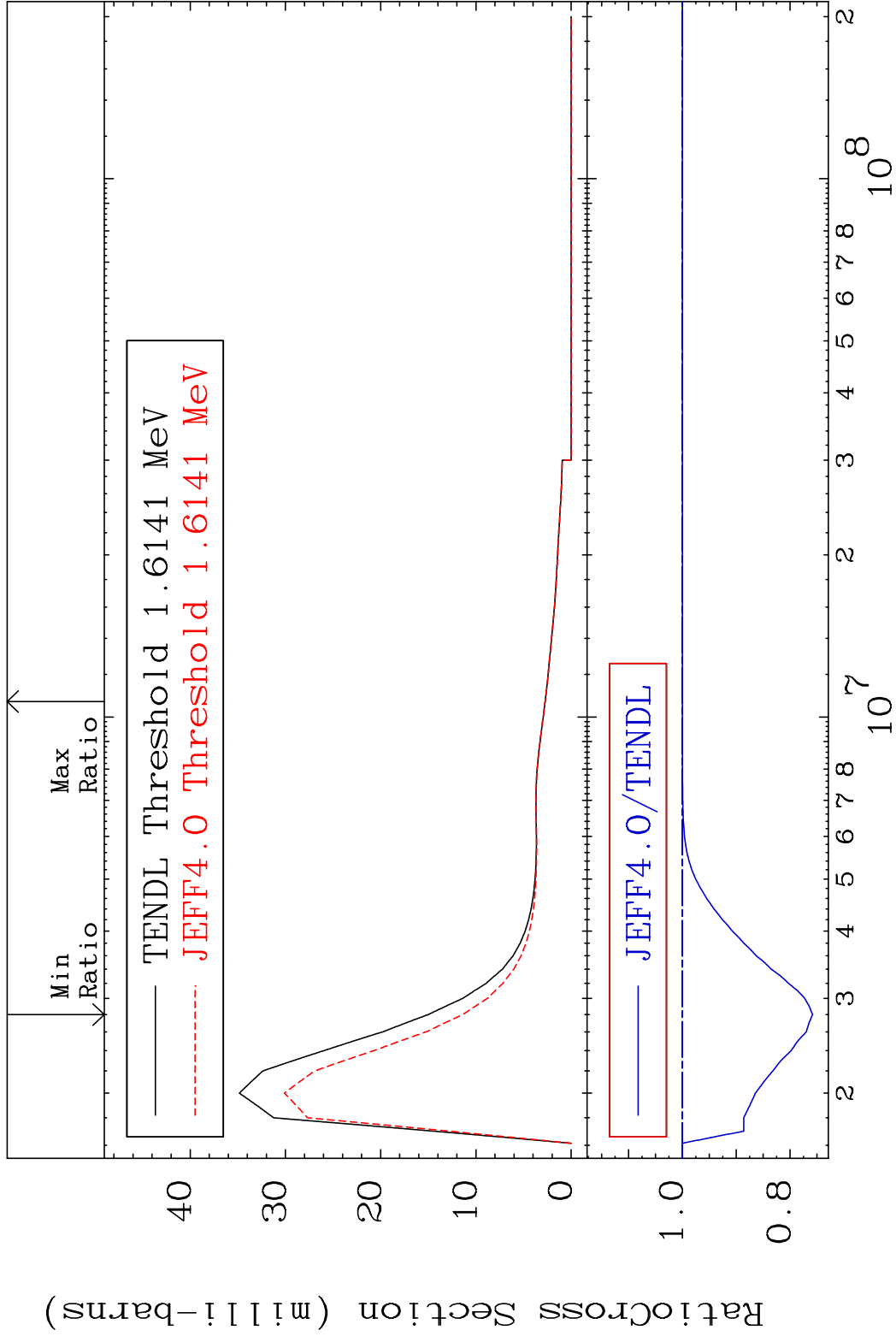


MAT 7025 MT= 78 (n,n') Level 70-Yb-168
Cross Section -37.50 To 0.000 %

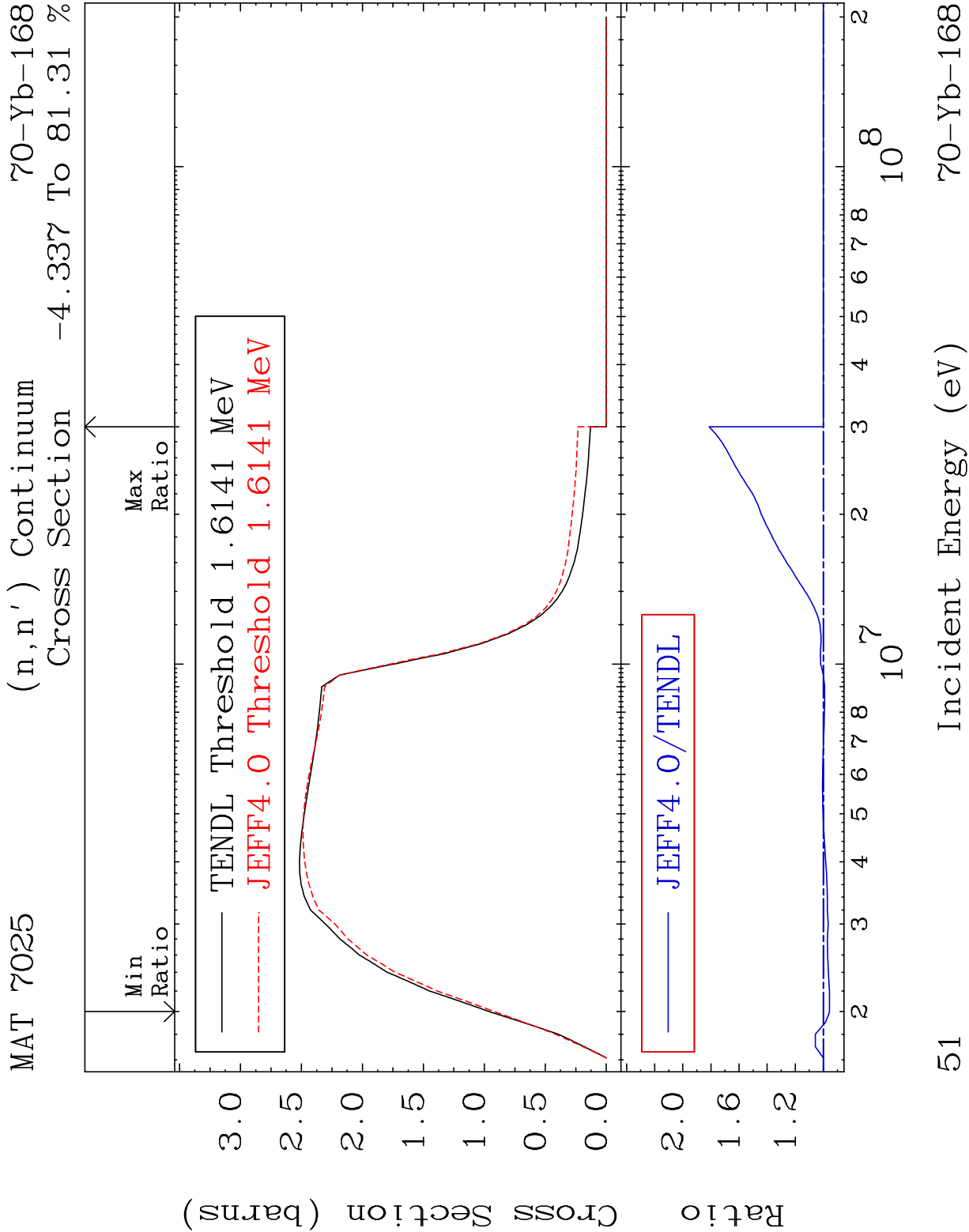


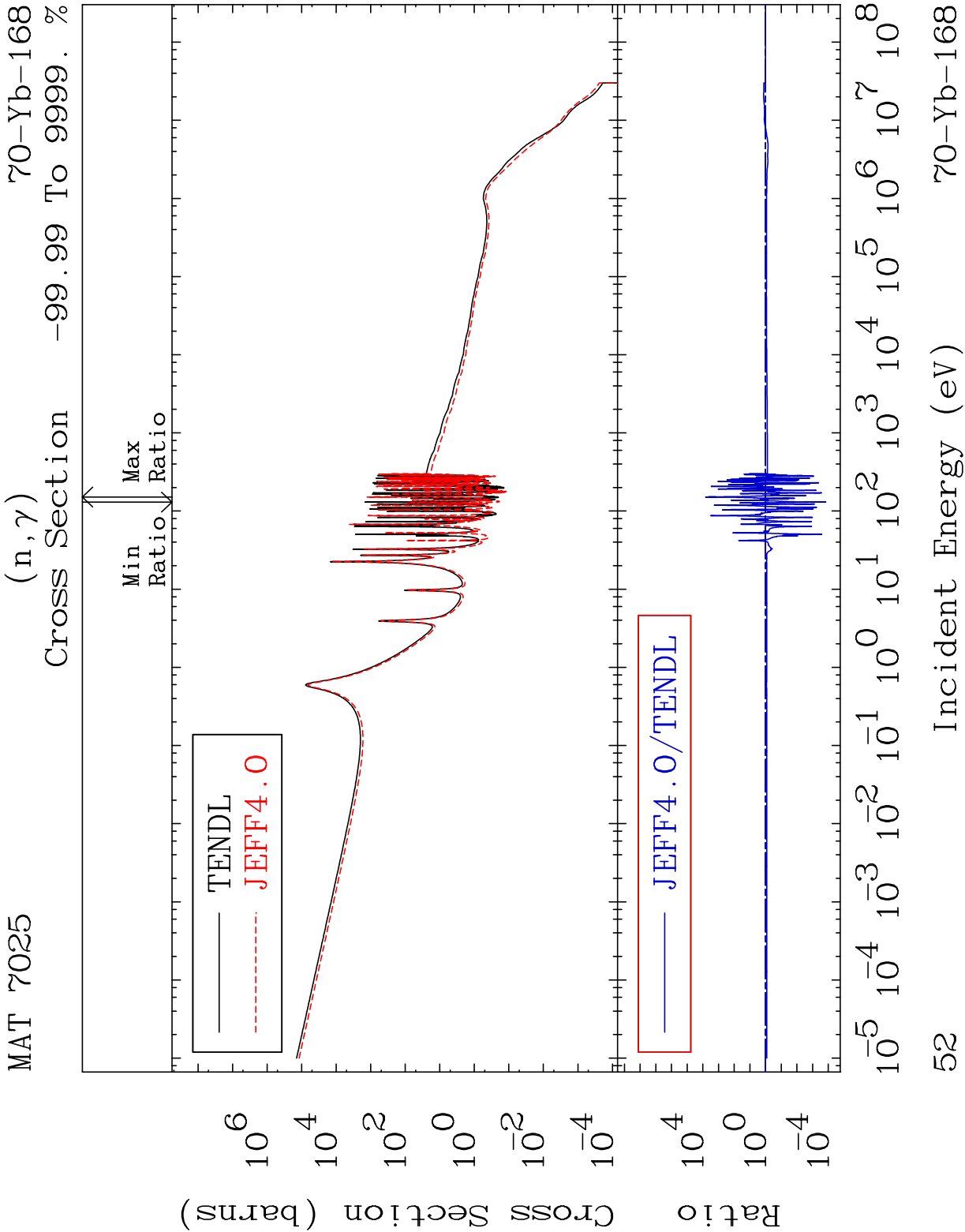


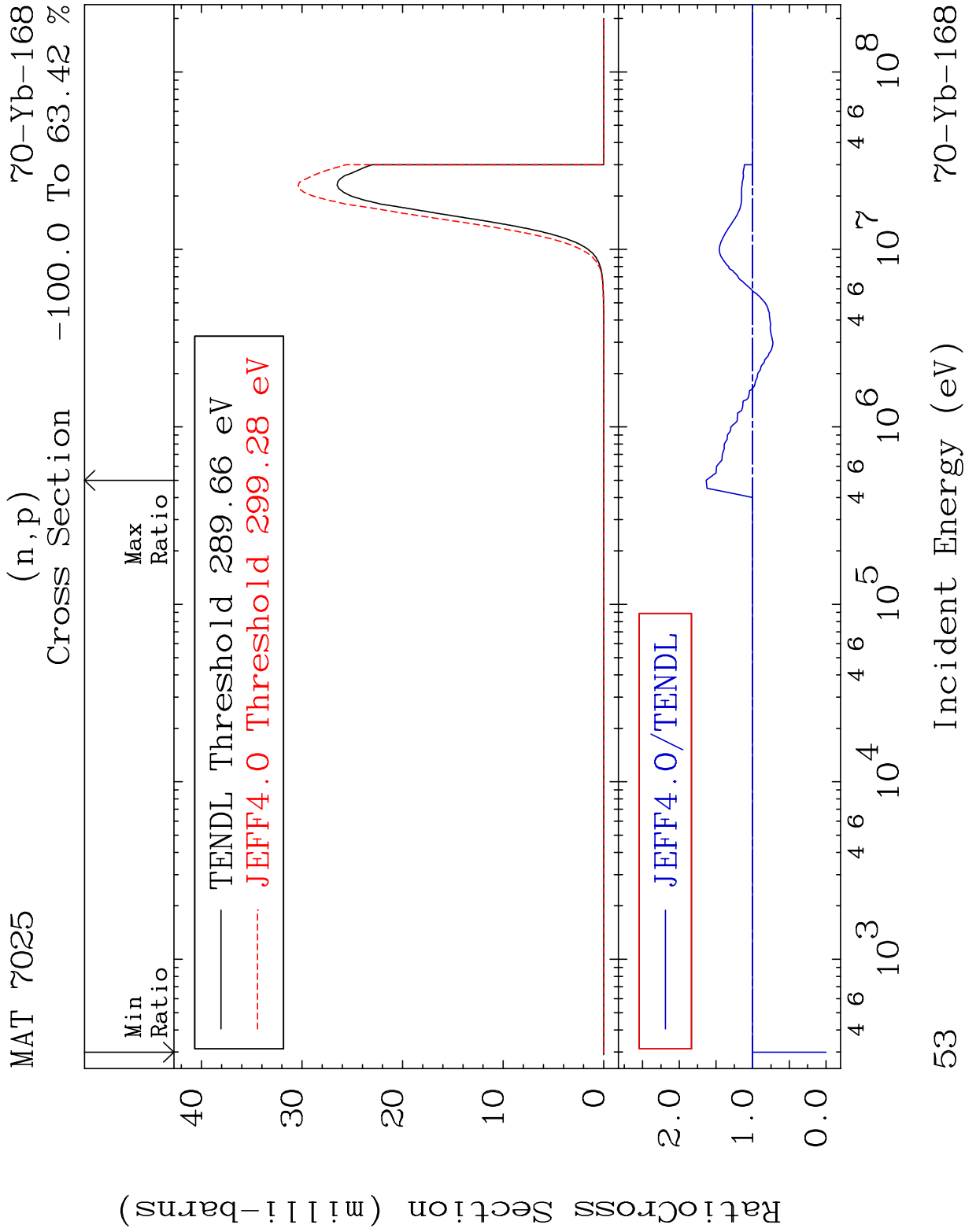
MAT 7025 MT= 80 (n,n') Level 70-Yb-168
Cross Section -24.20 To 0.000 %

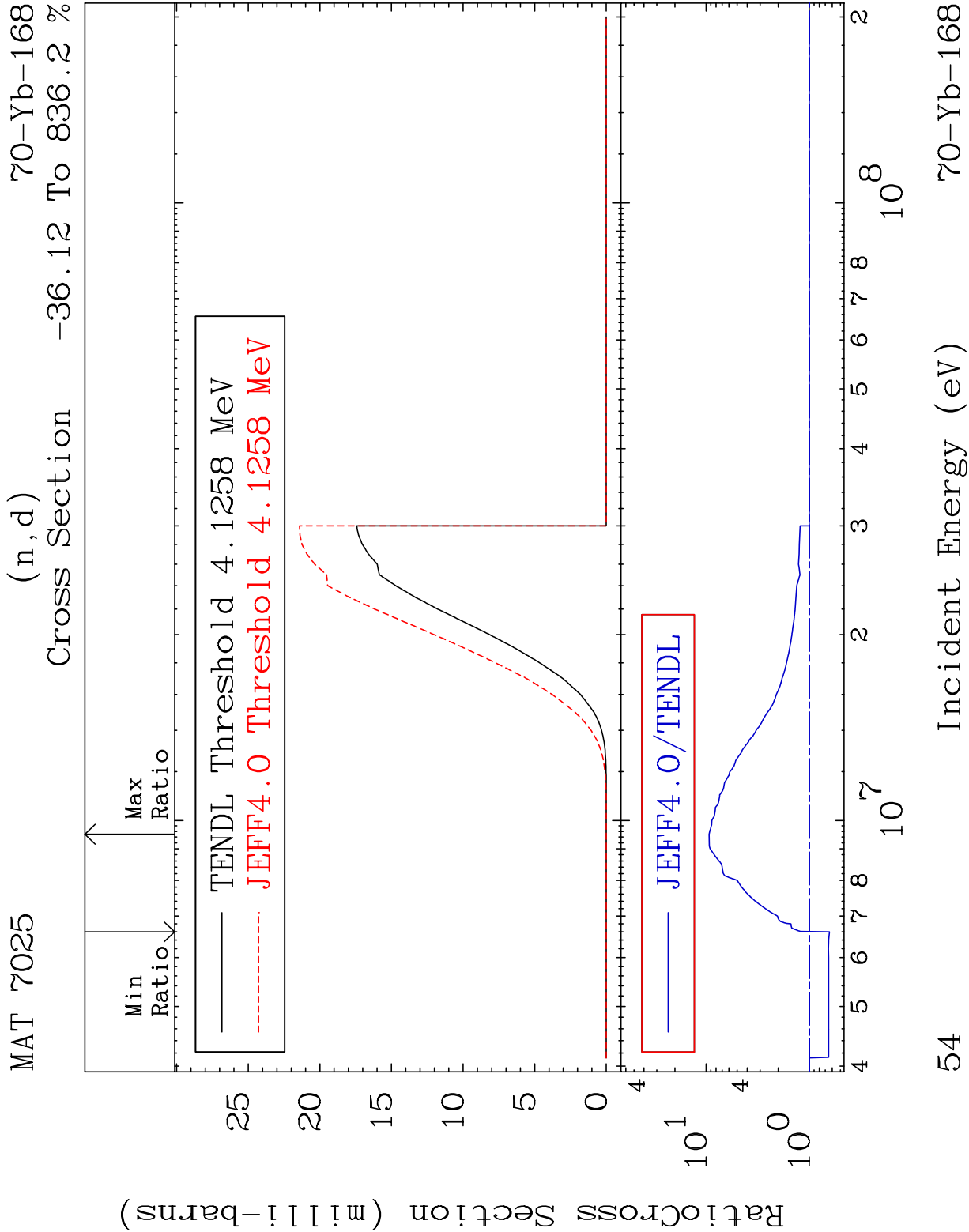


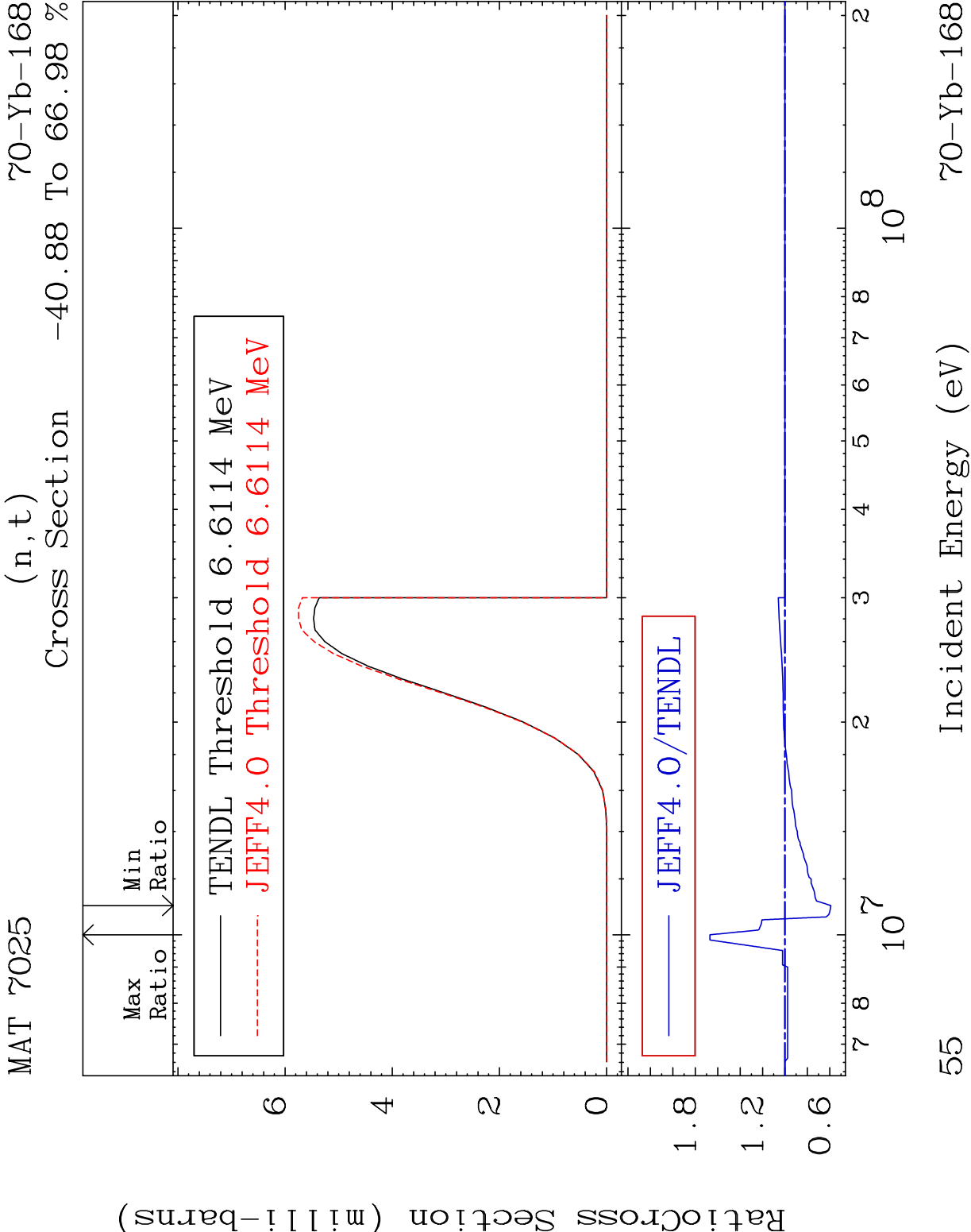
50 Incident Energy (eV) 70-Yb-168

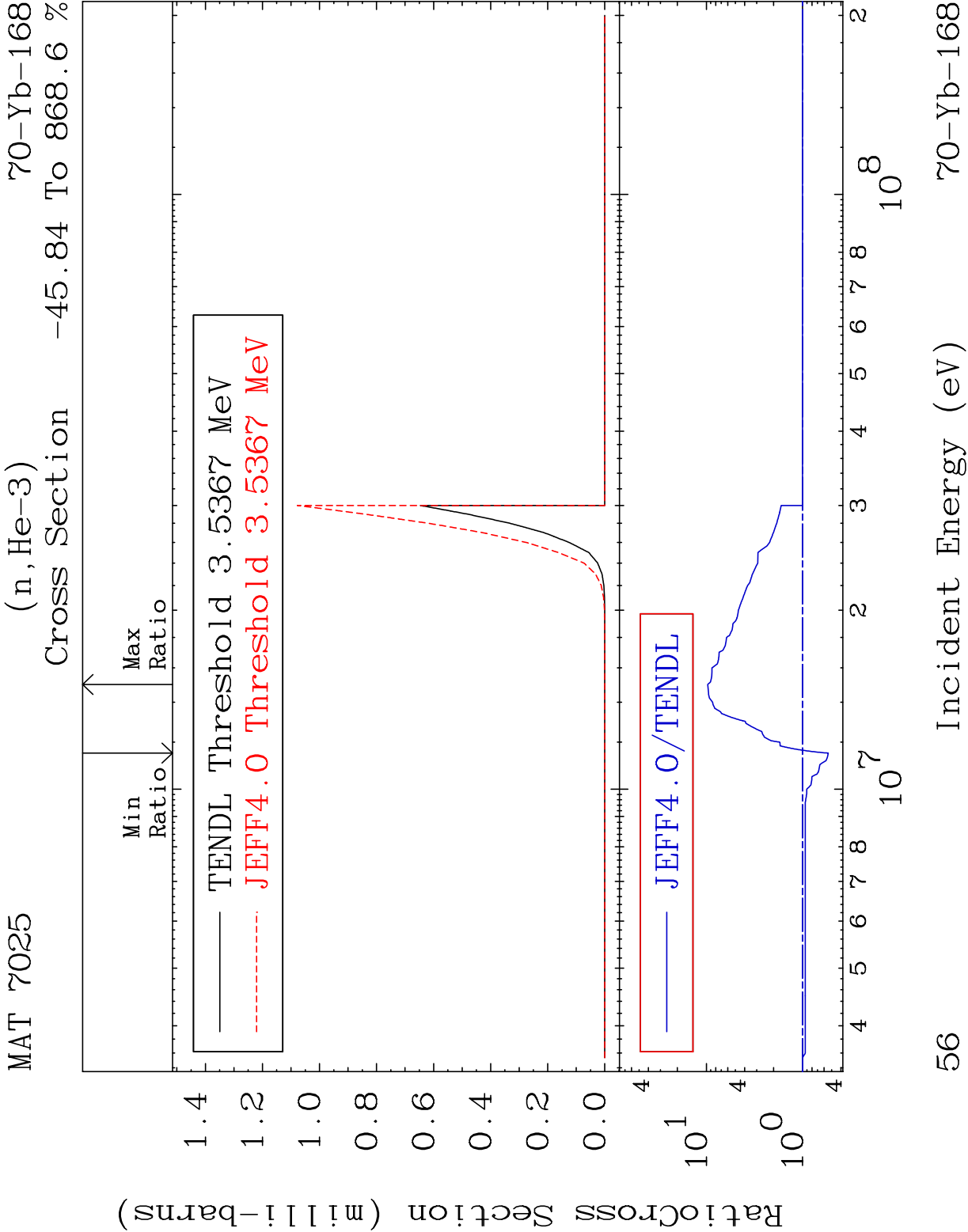


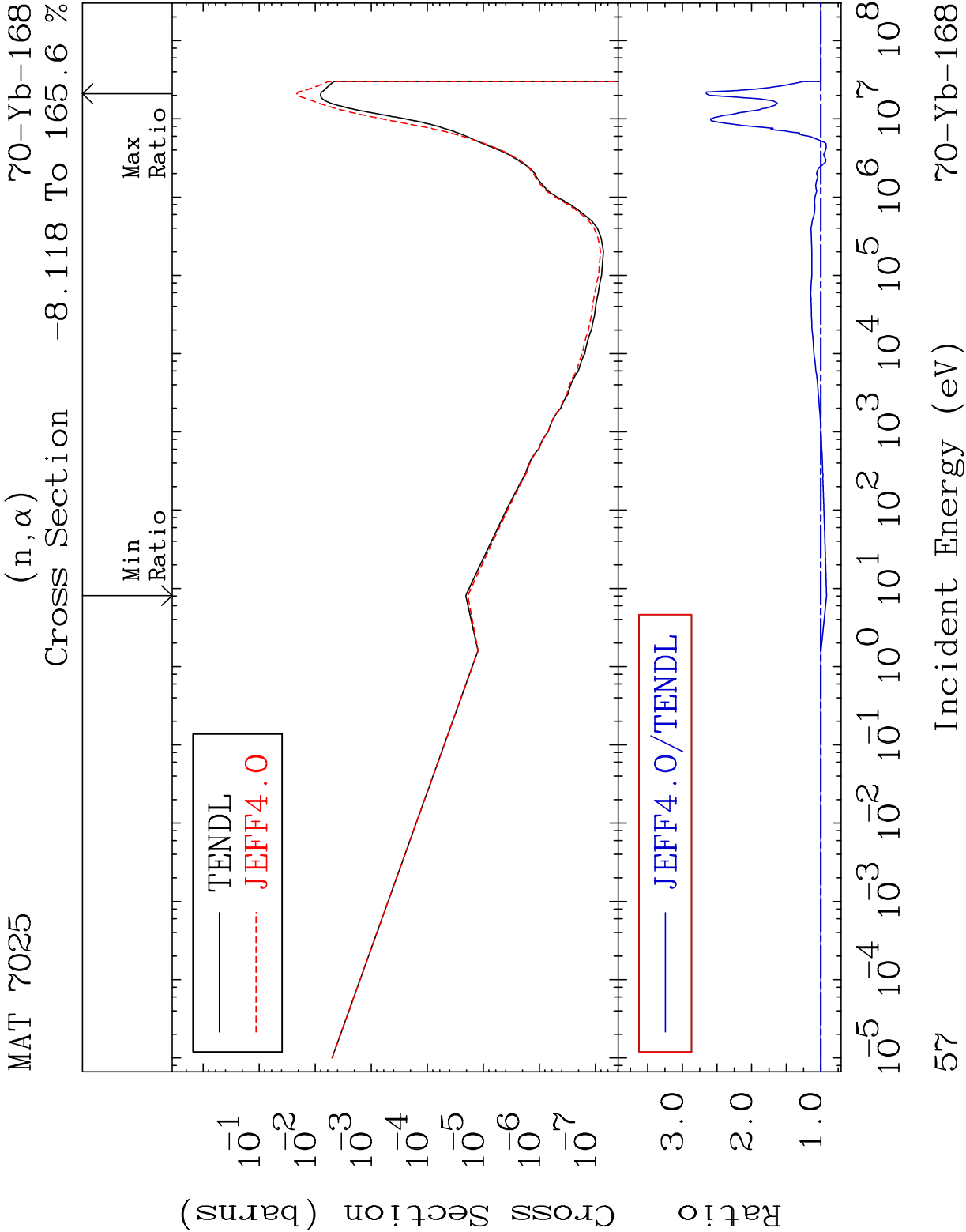


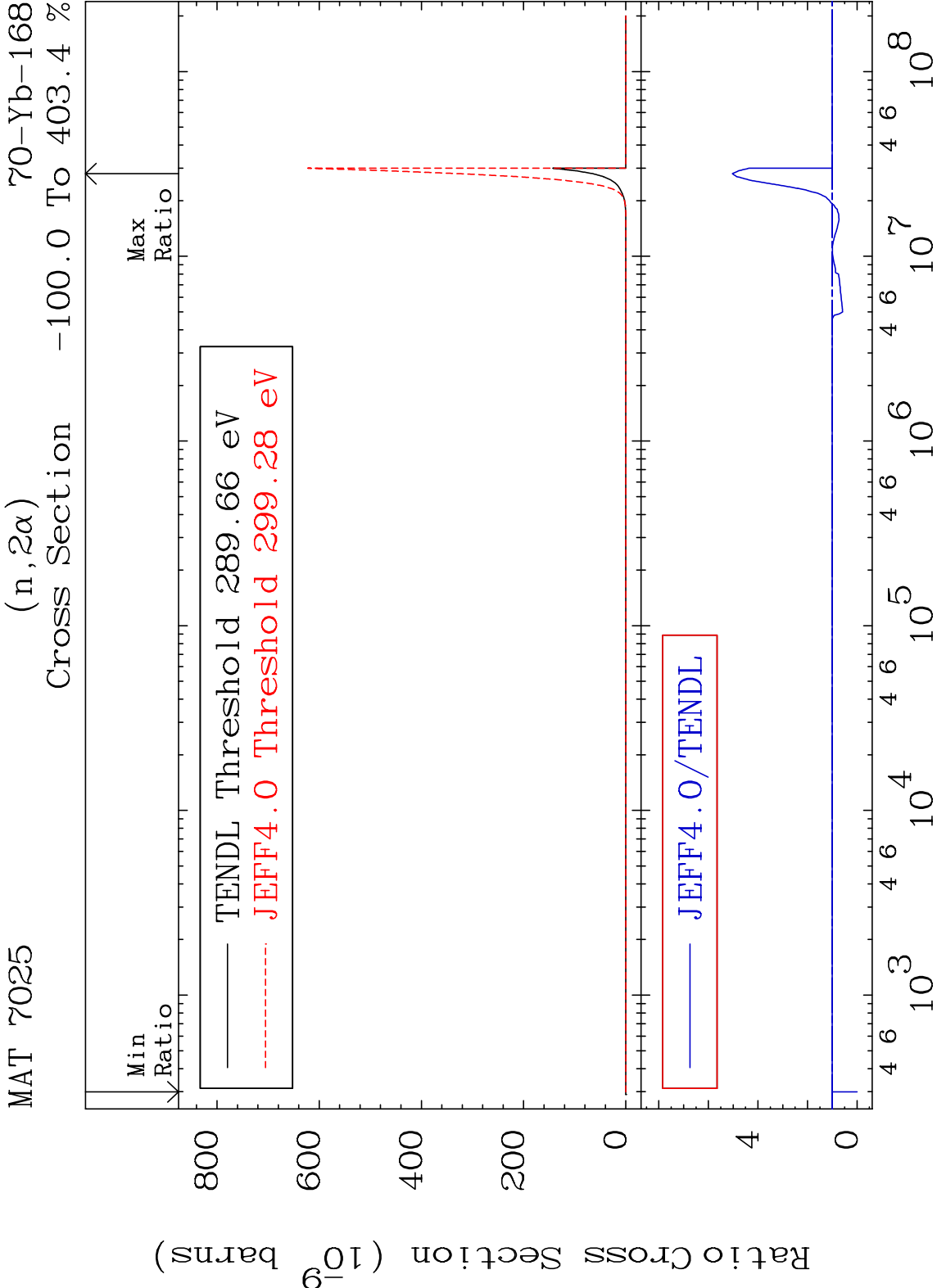


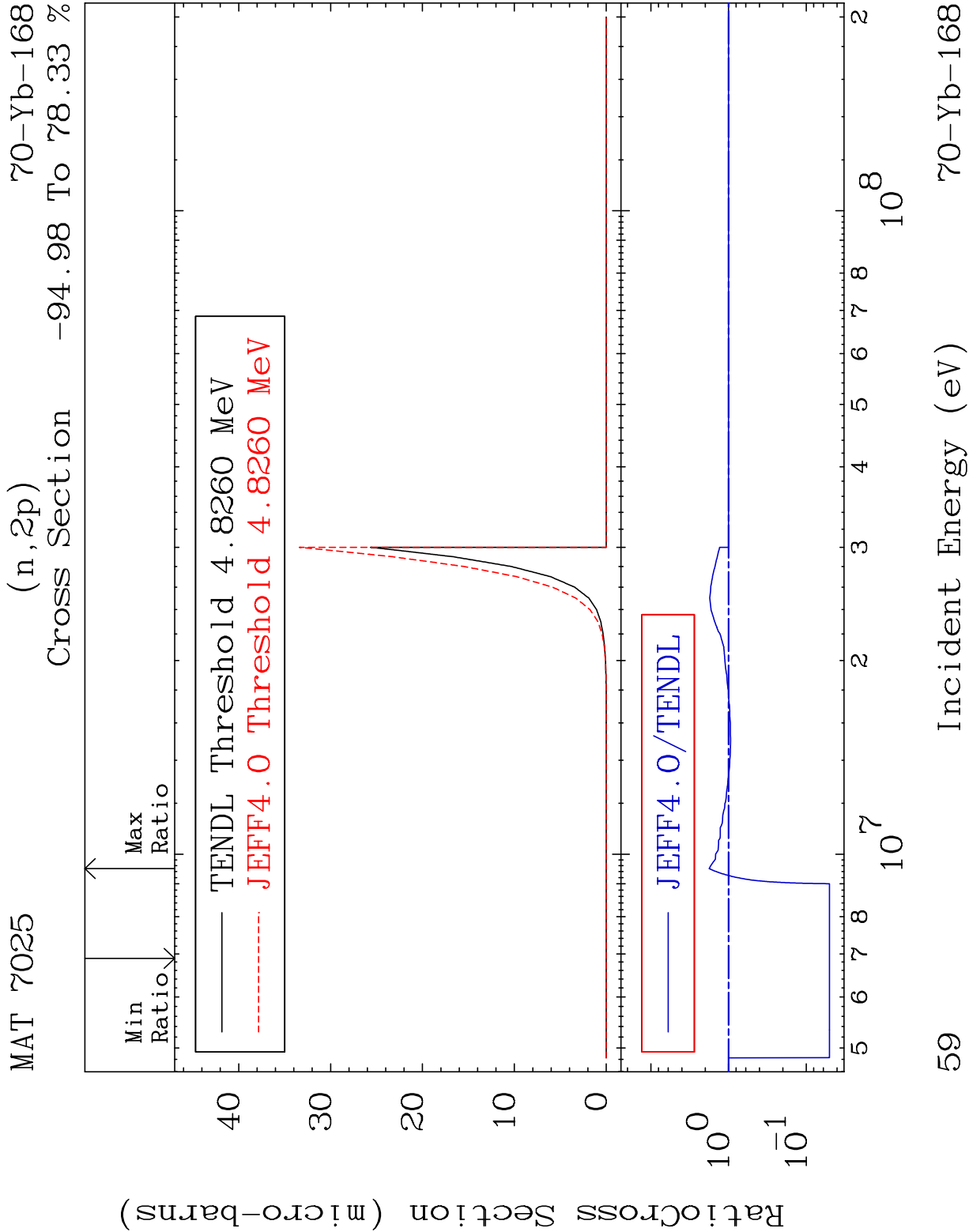










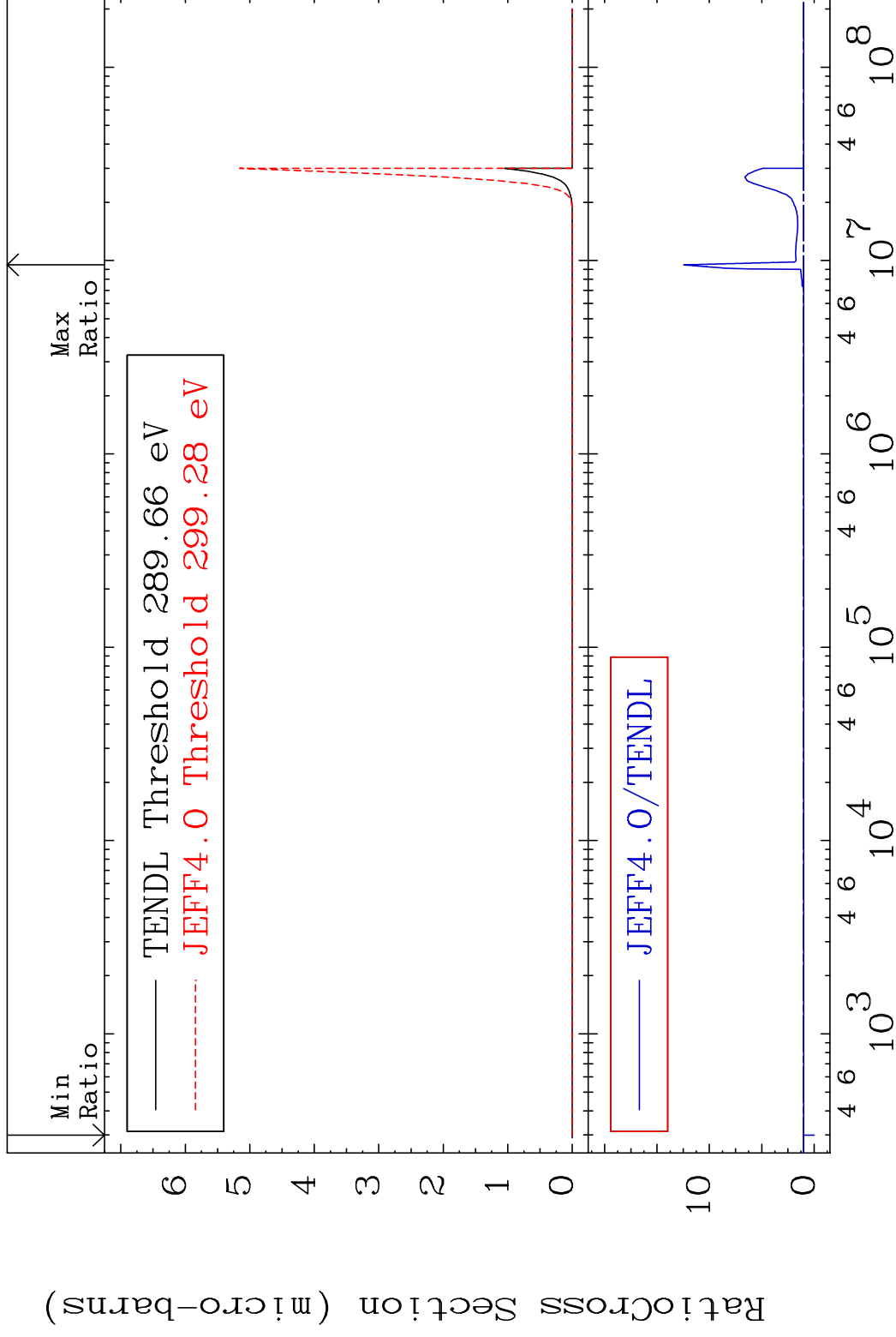


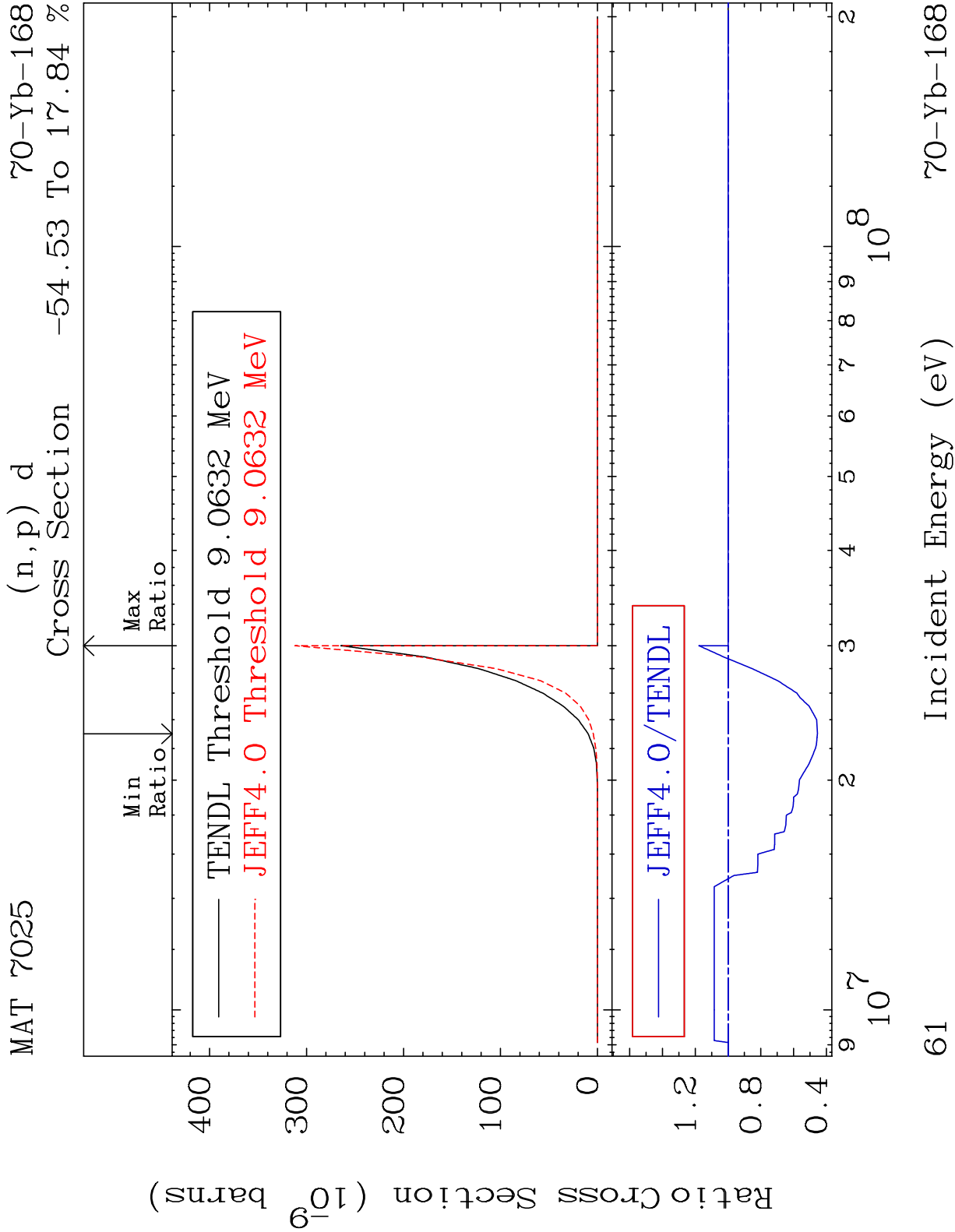
MAT 7025

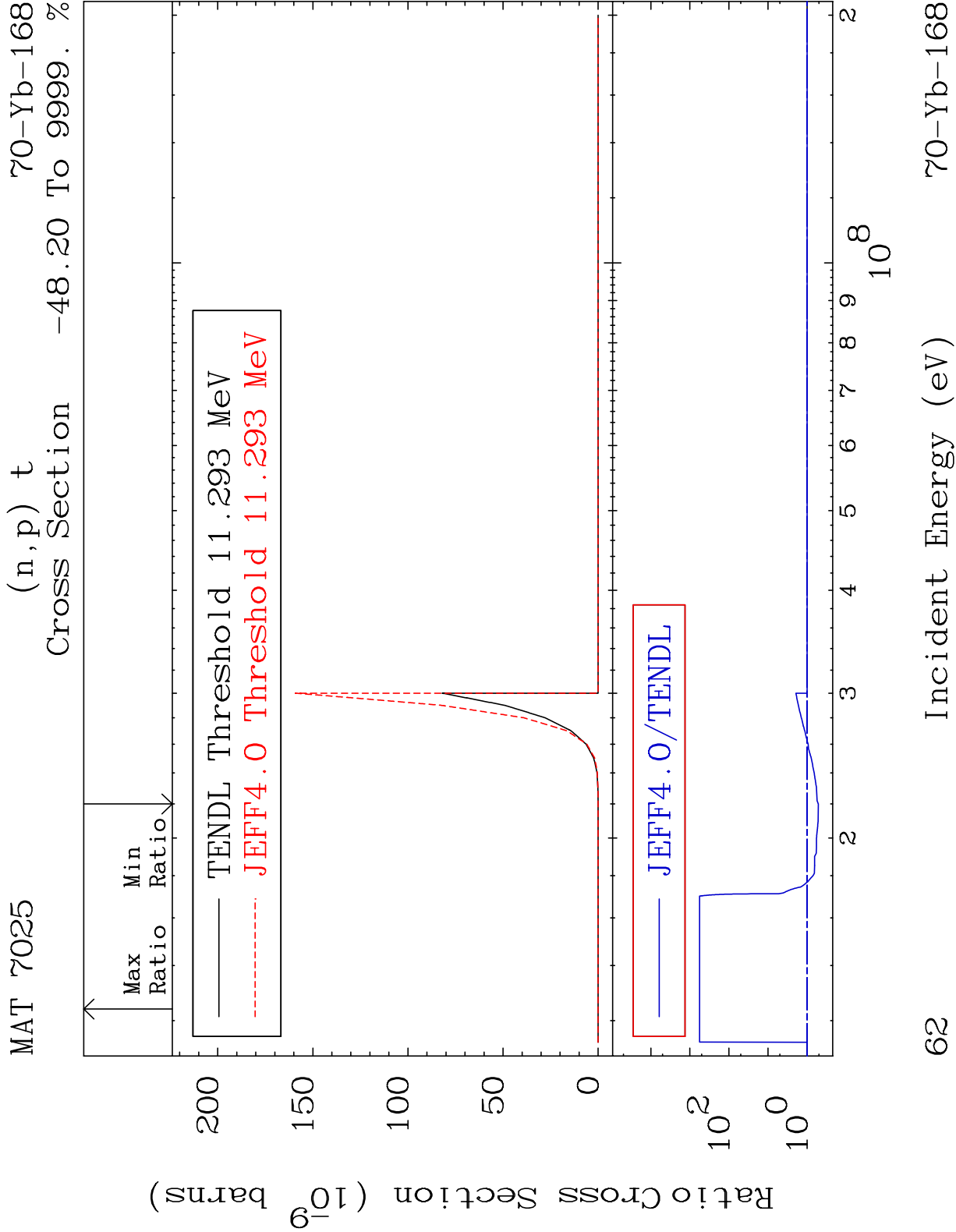
$$(n, p) \propto$$

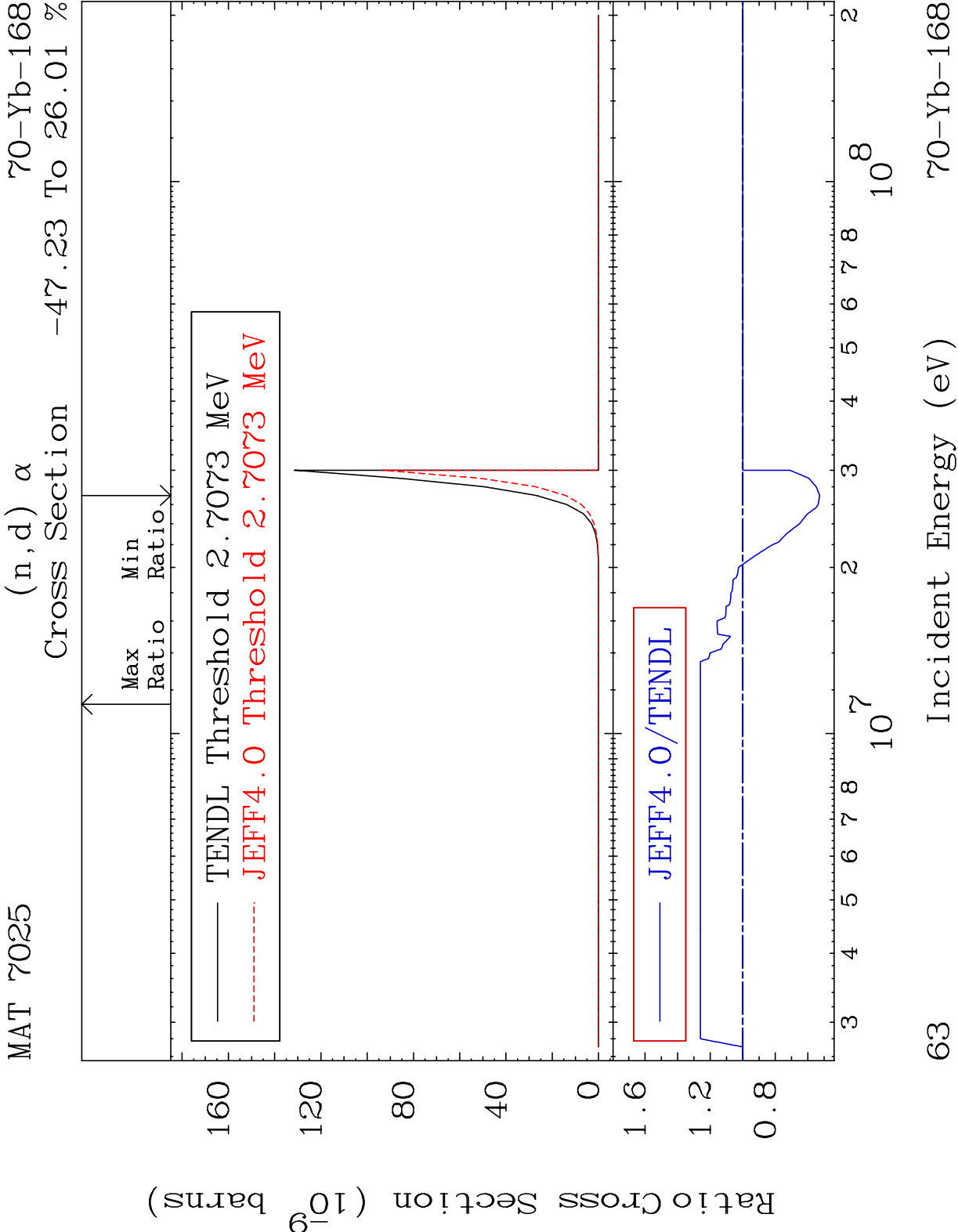
70-Yb-168

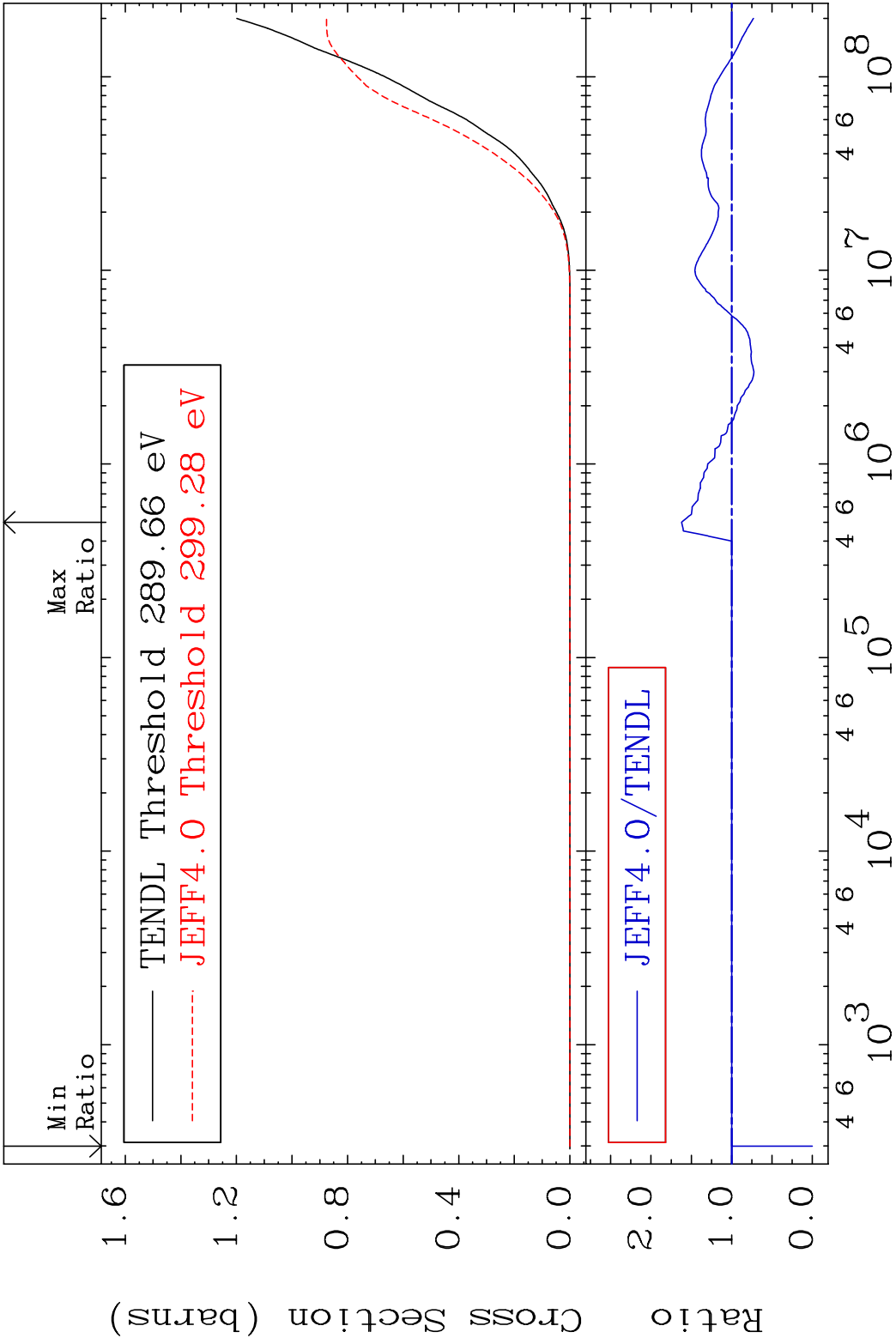
Cross Section -100.0 To 1146. %

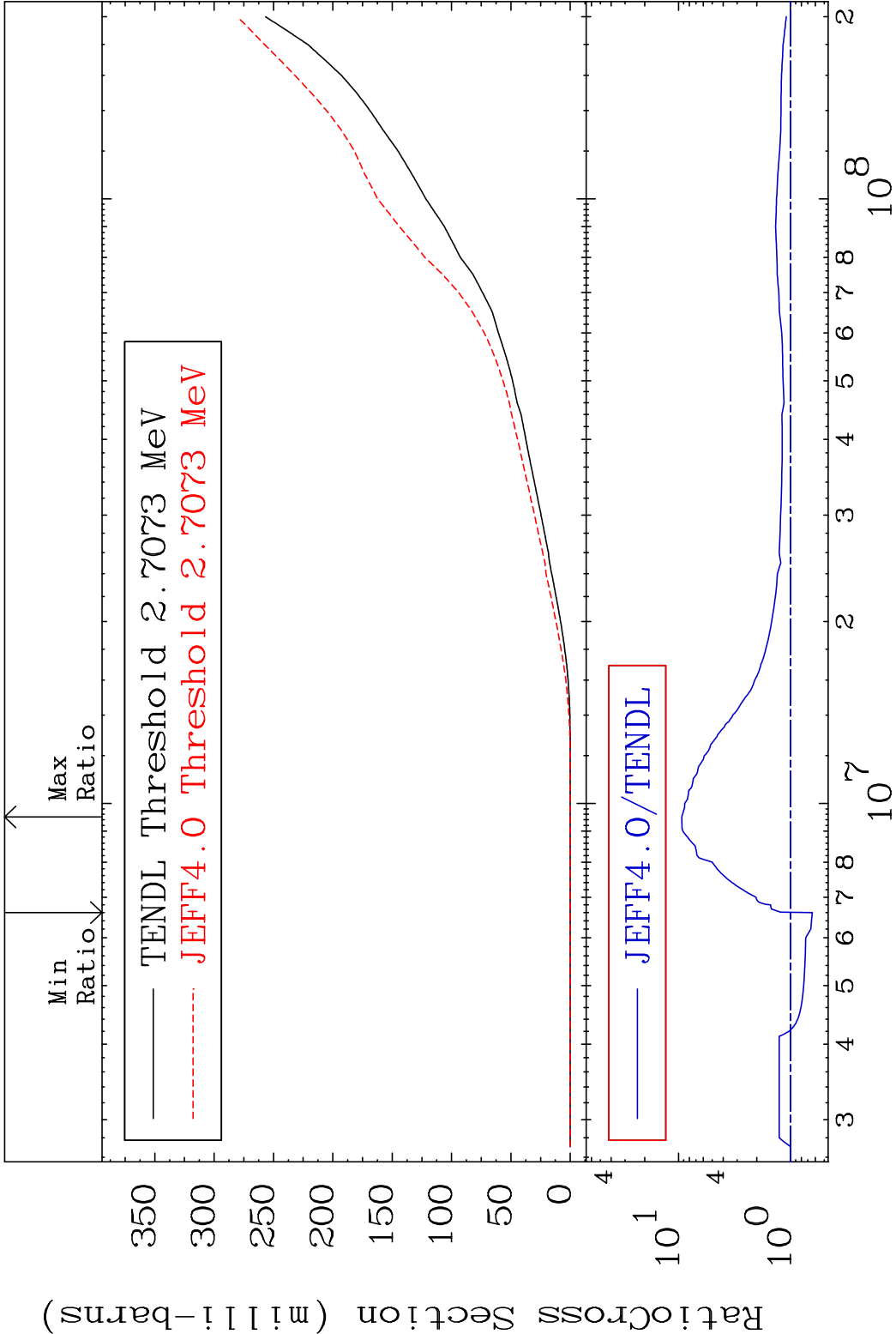


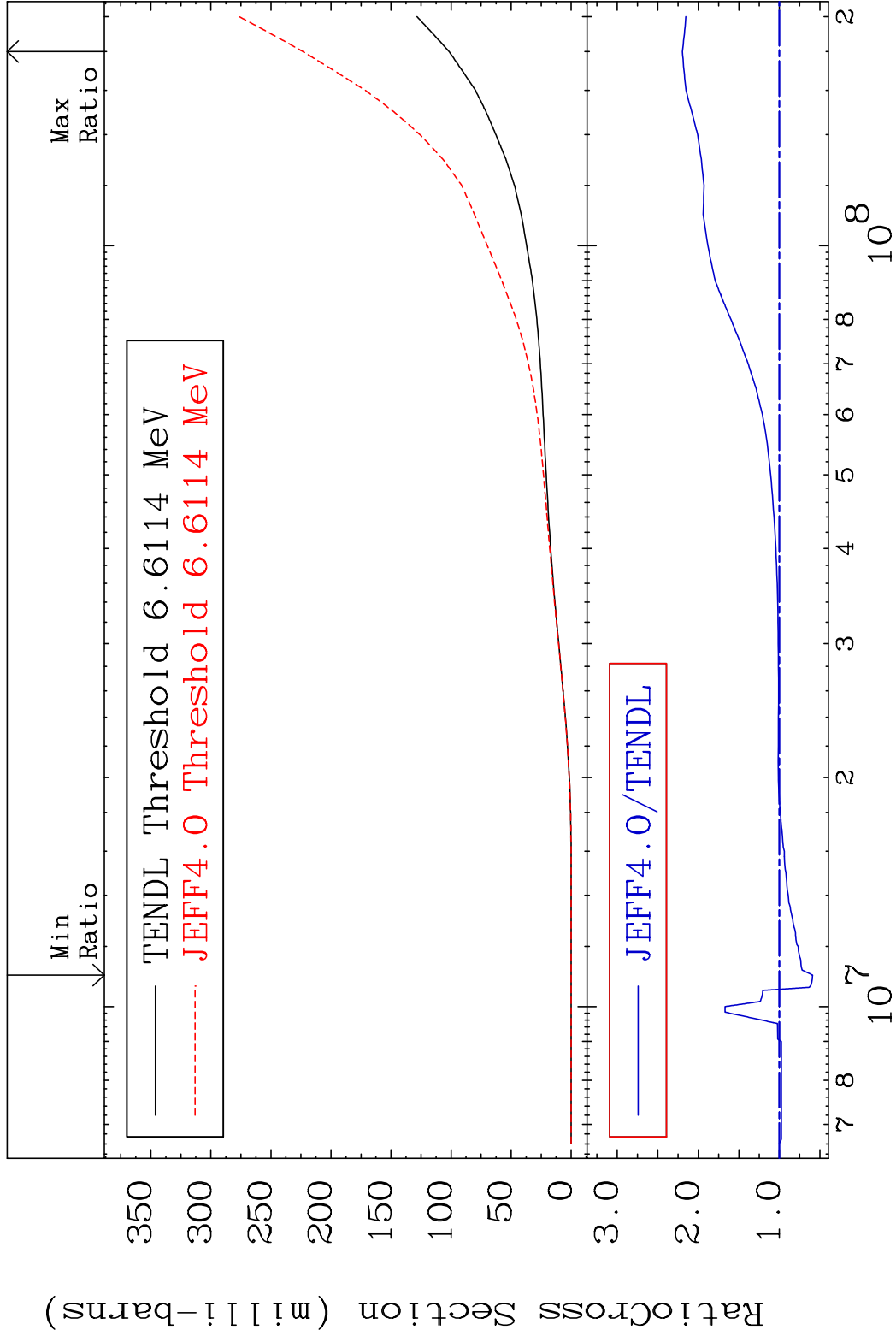


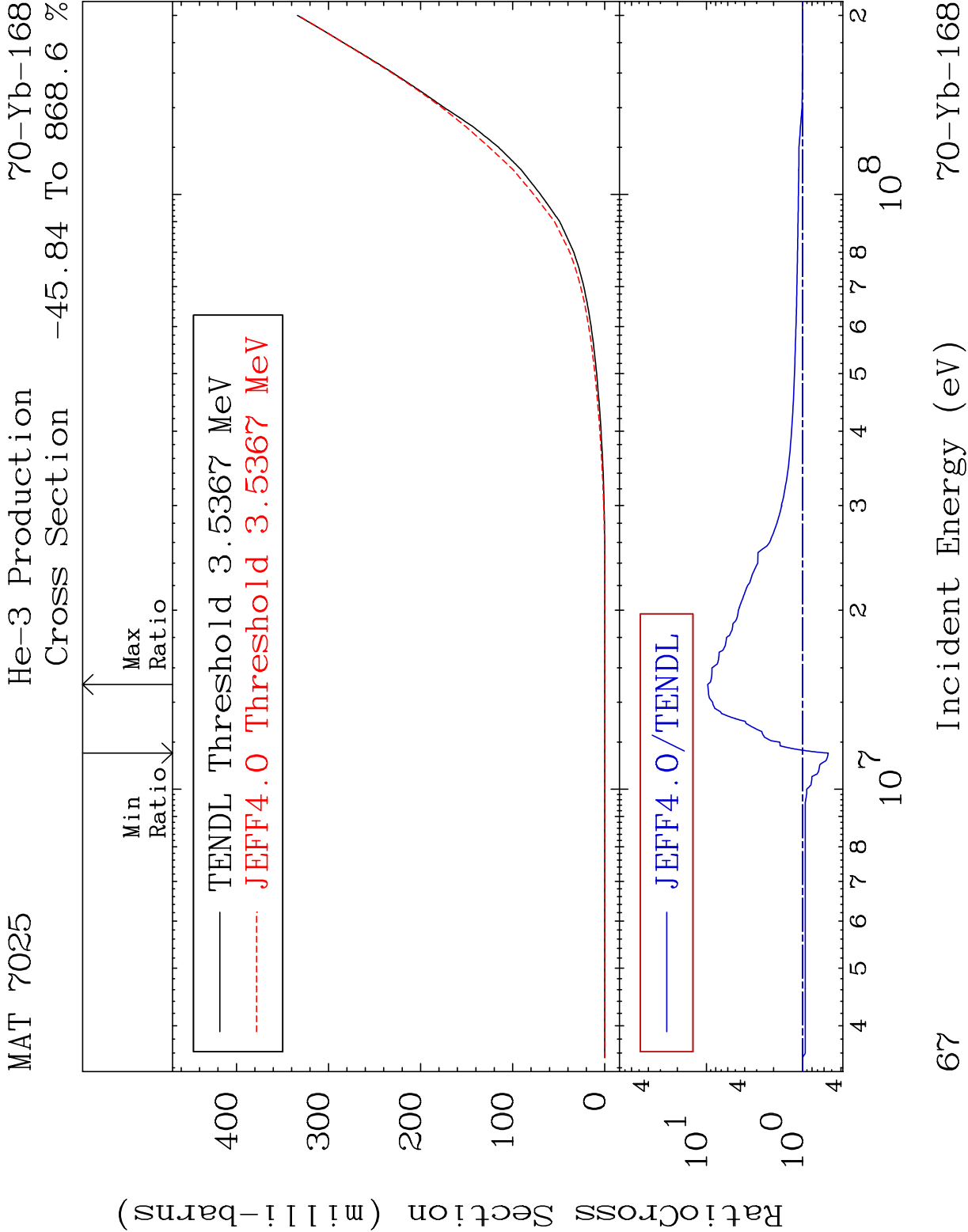


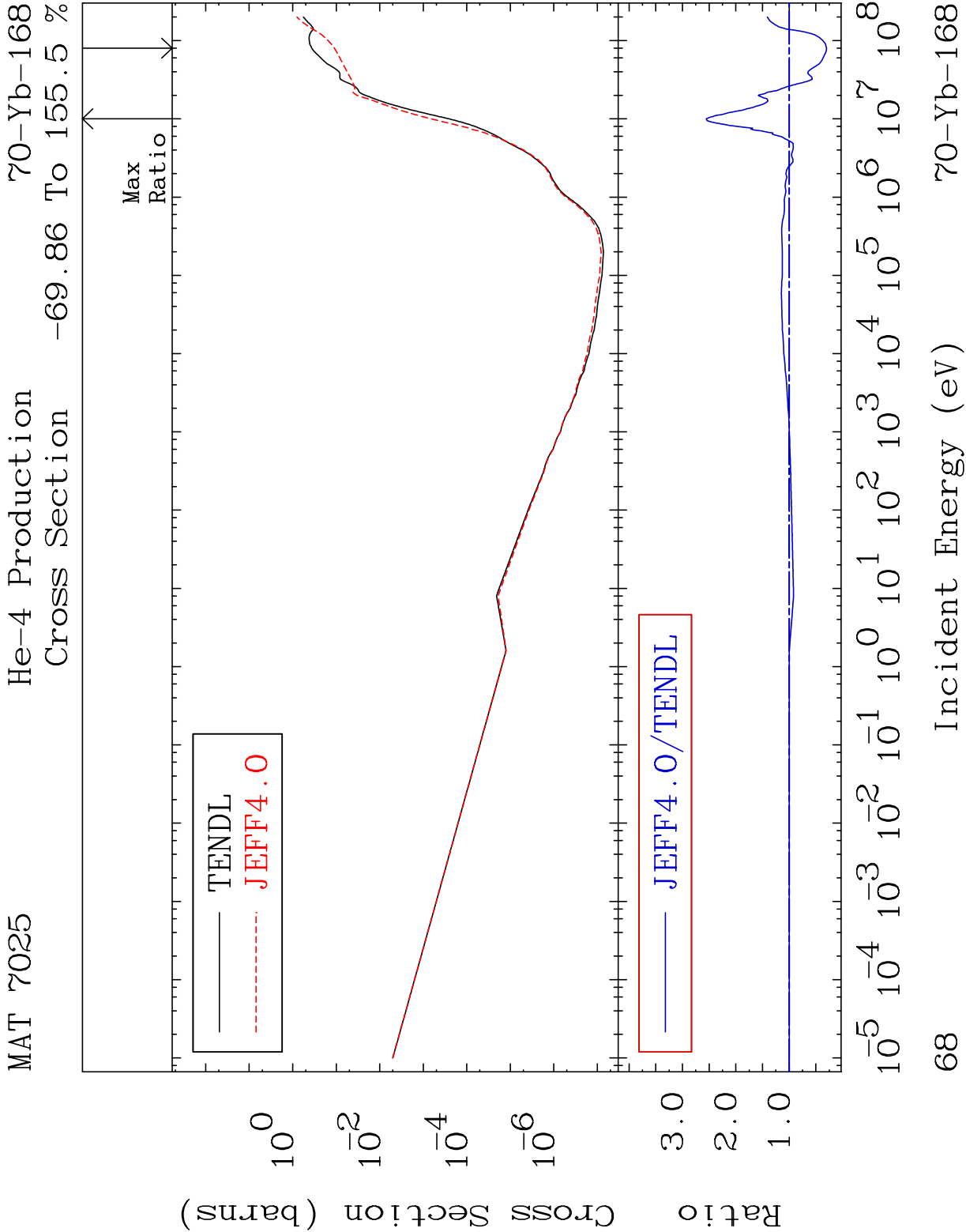


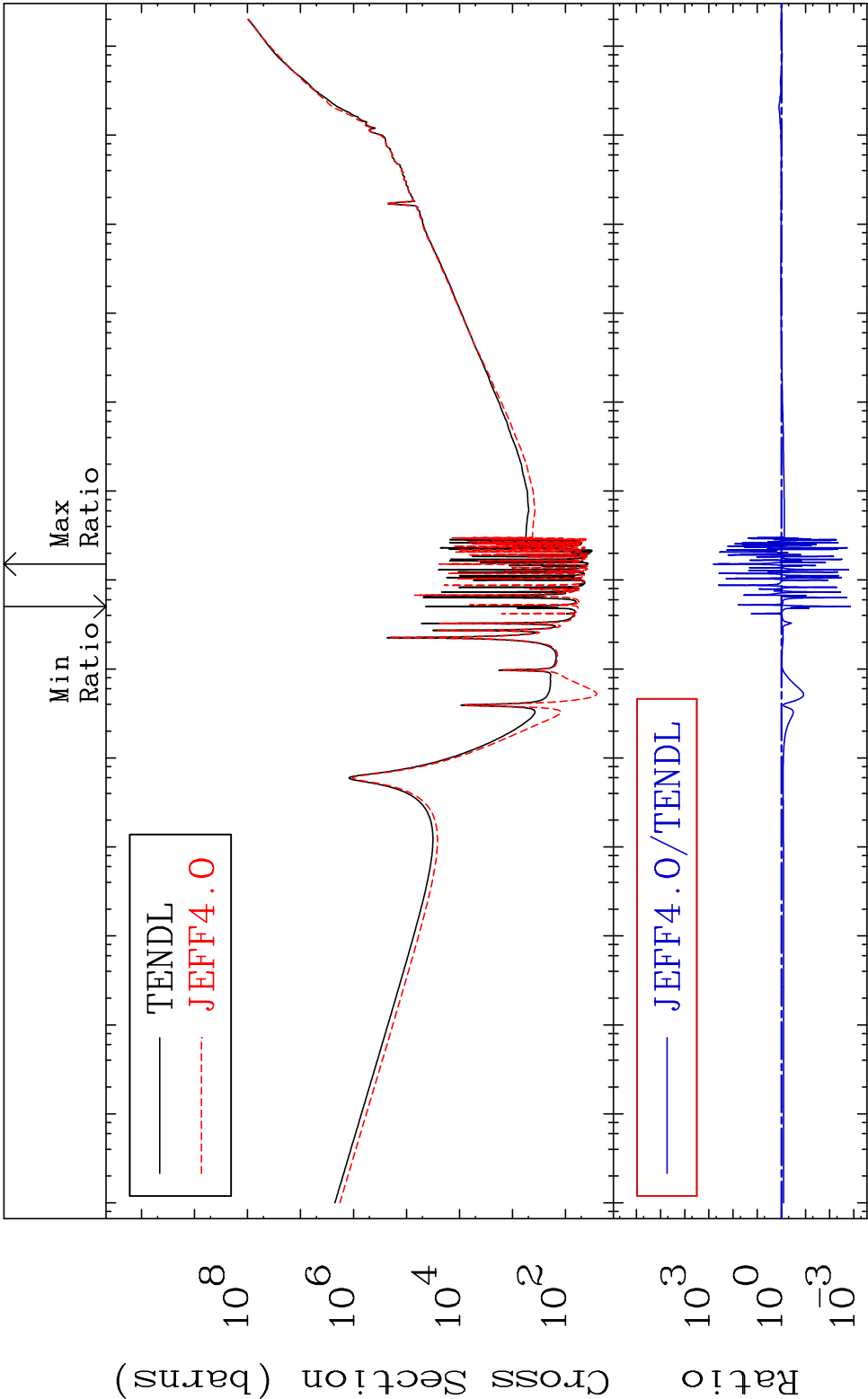


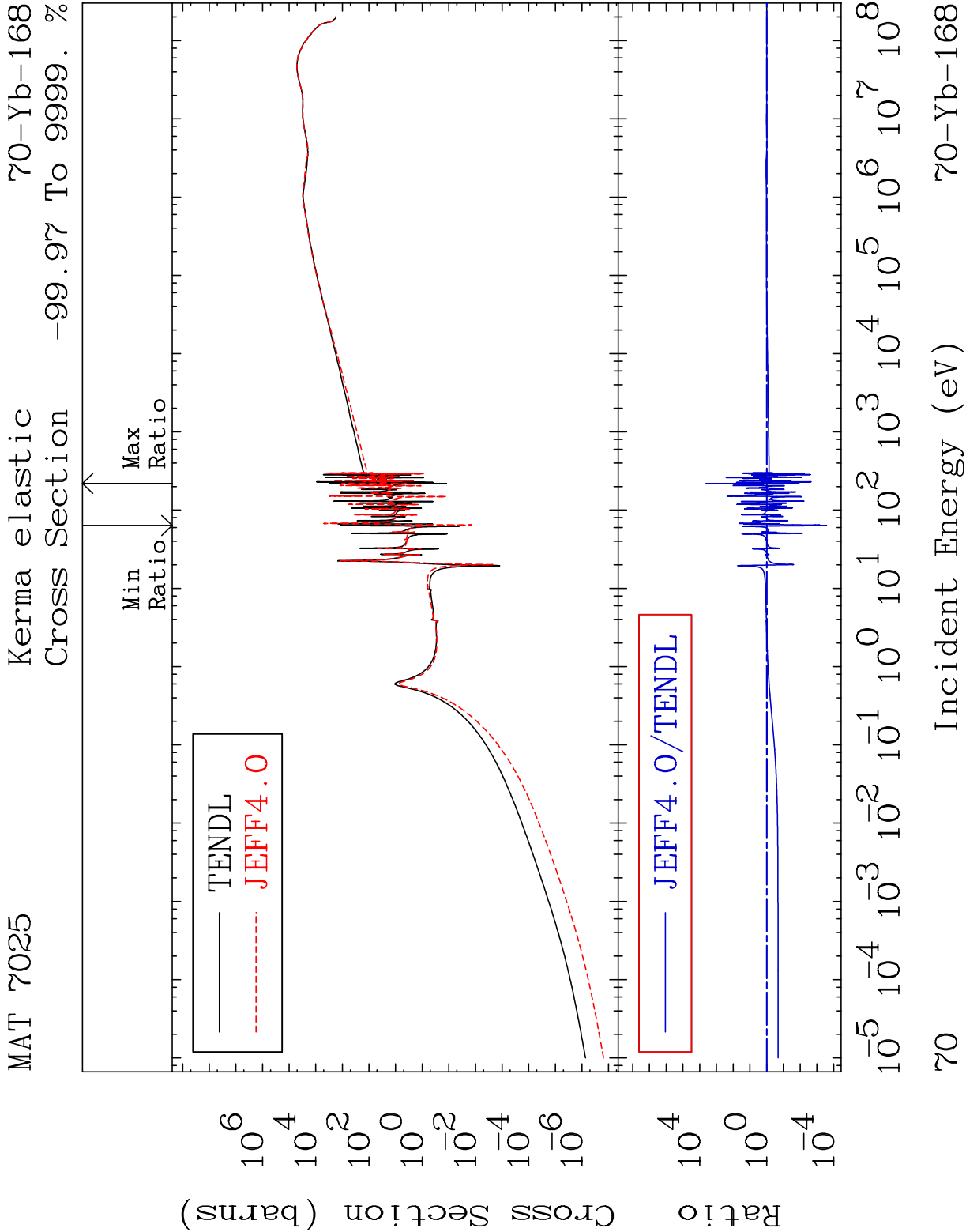




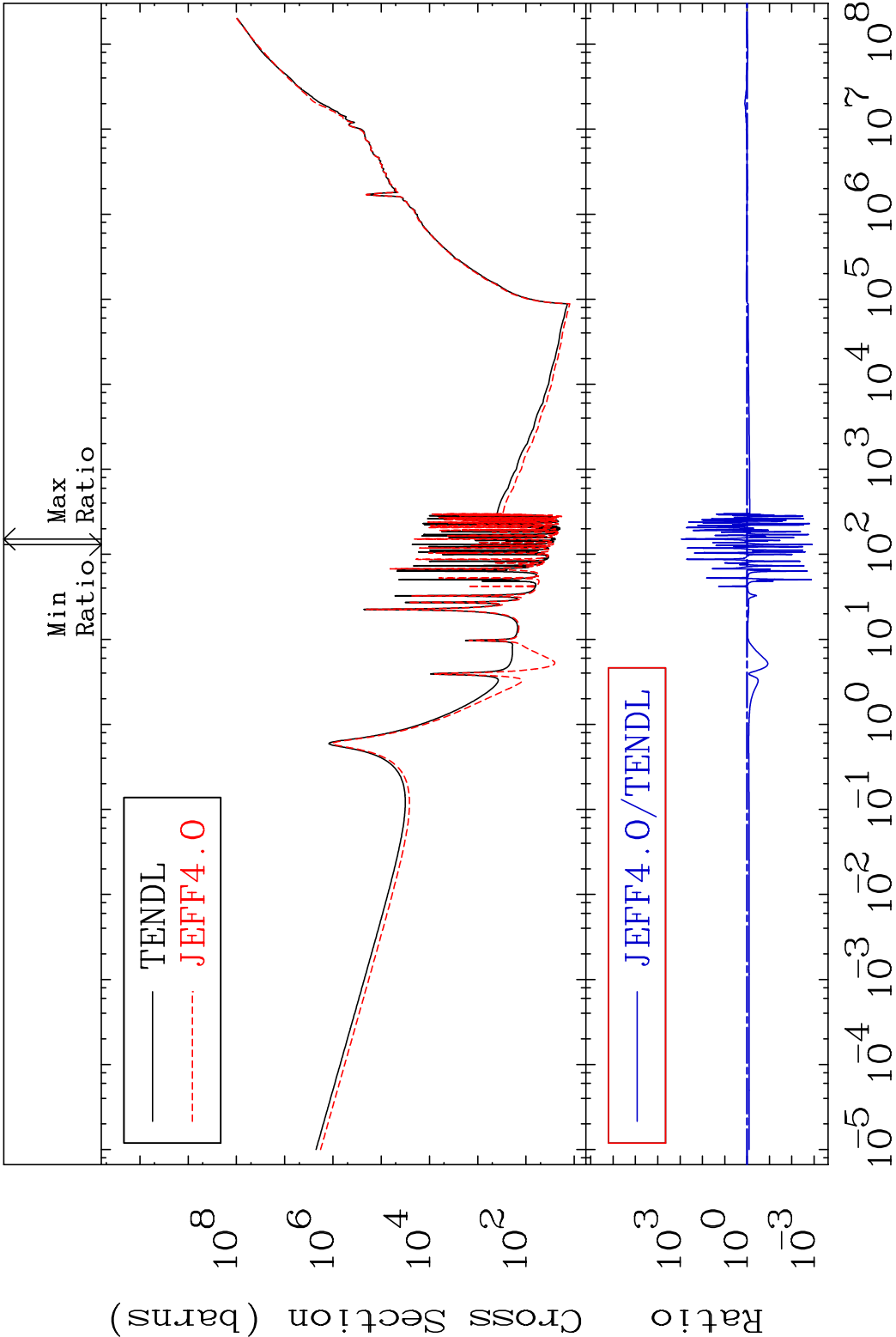




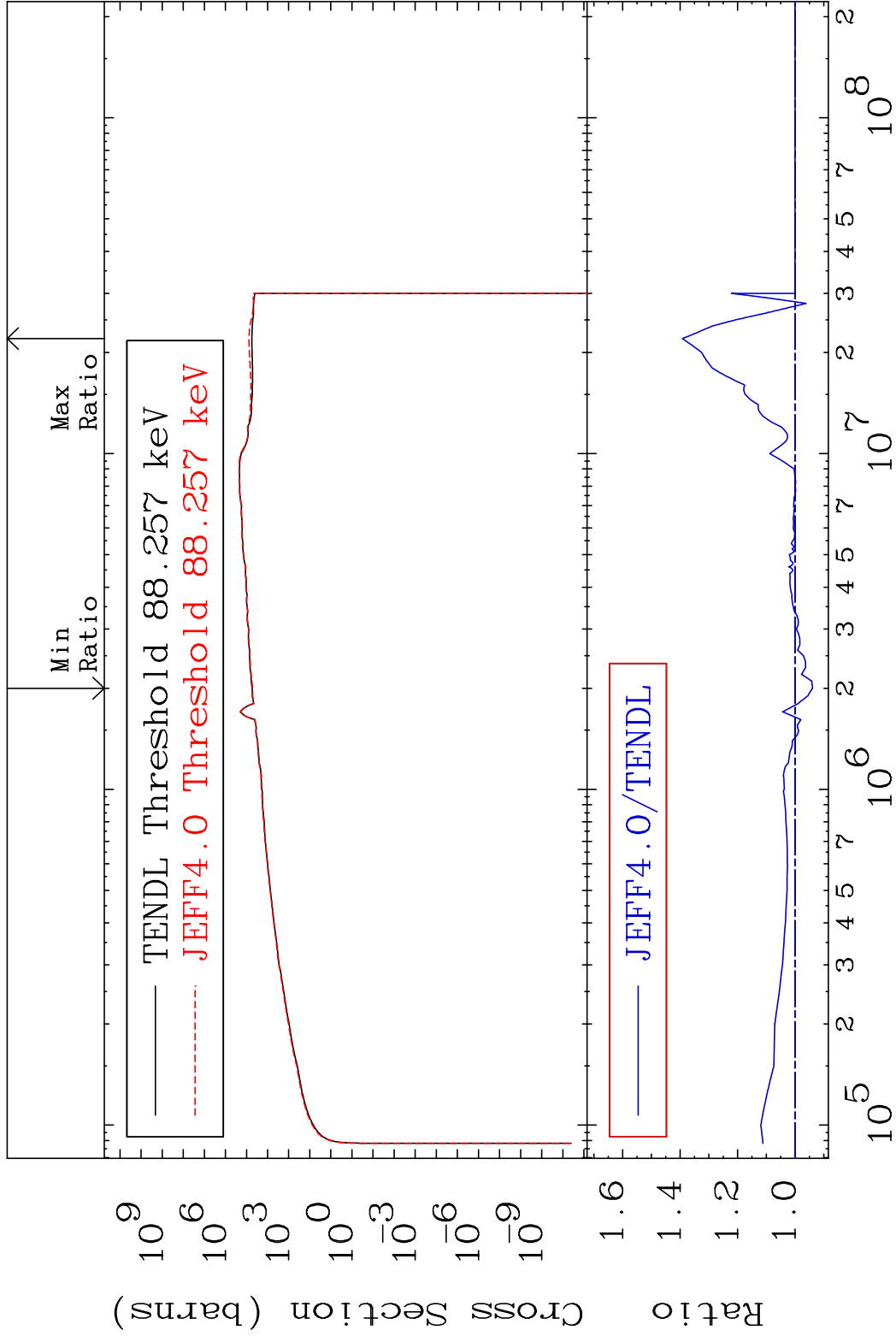




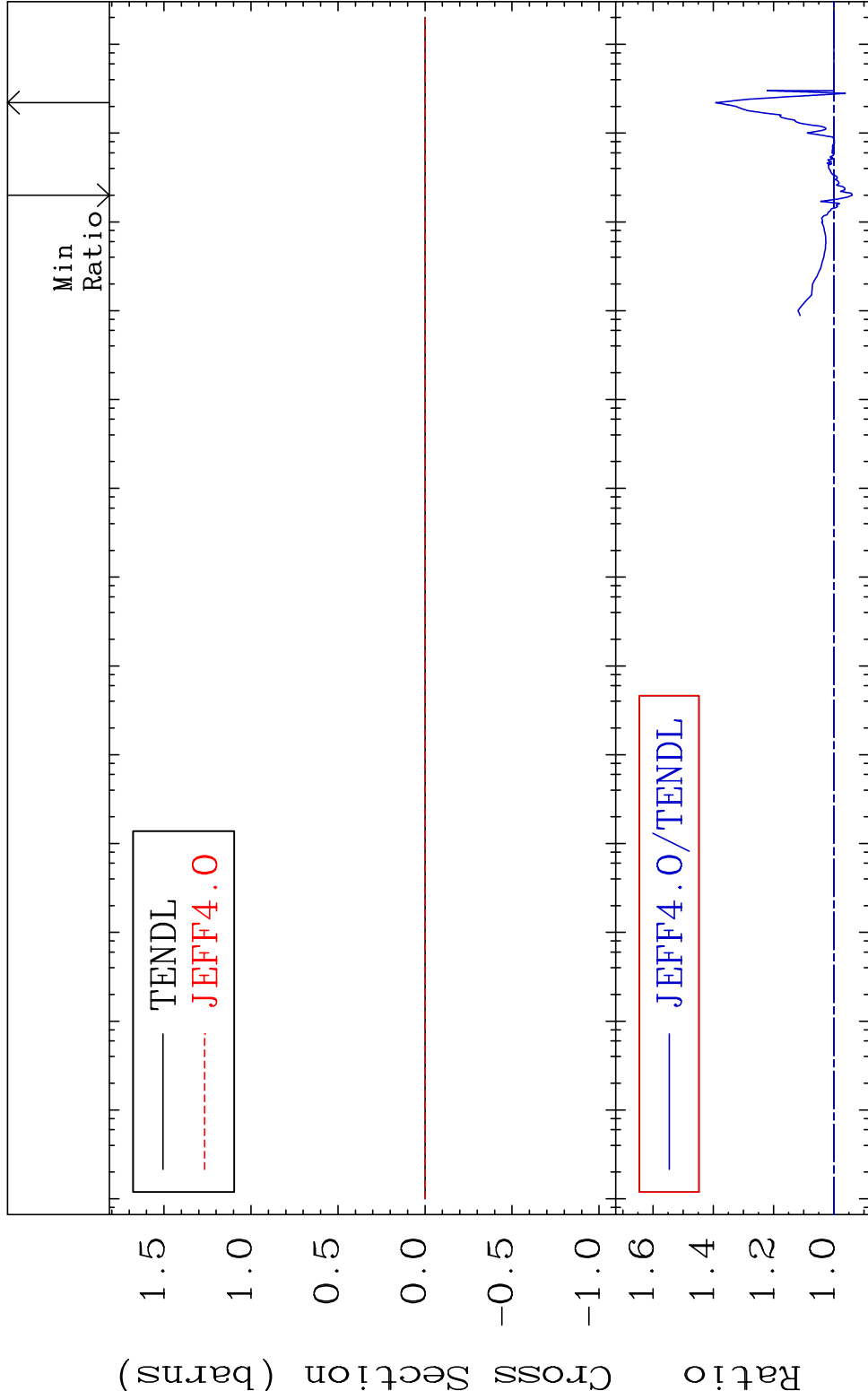
MAT 7025 Kerma non-elastic (all but mt2) 70-Yb-168
Cross Section -99.88 To 9999. %



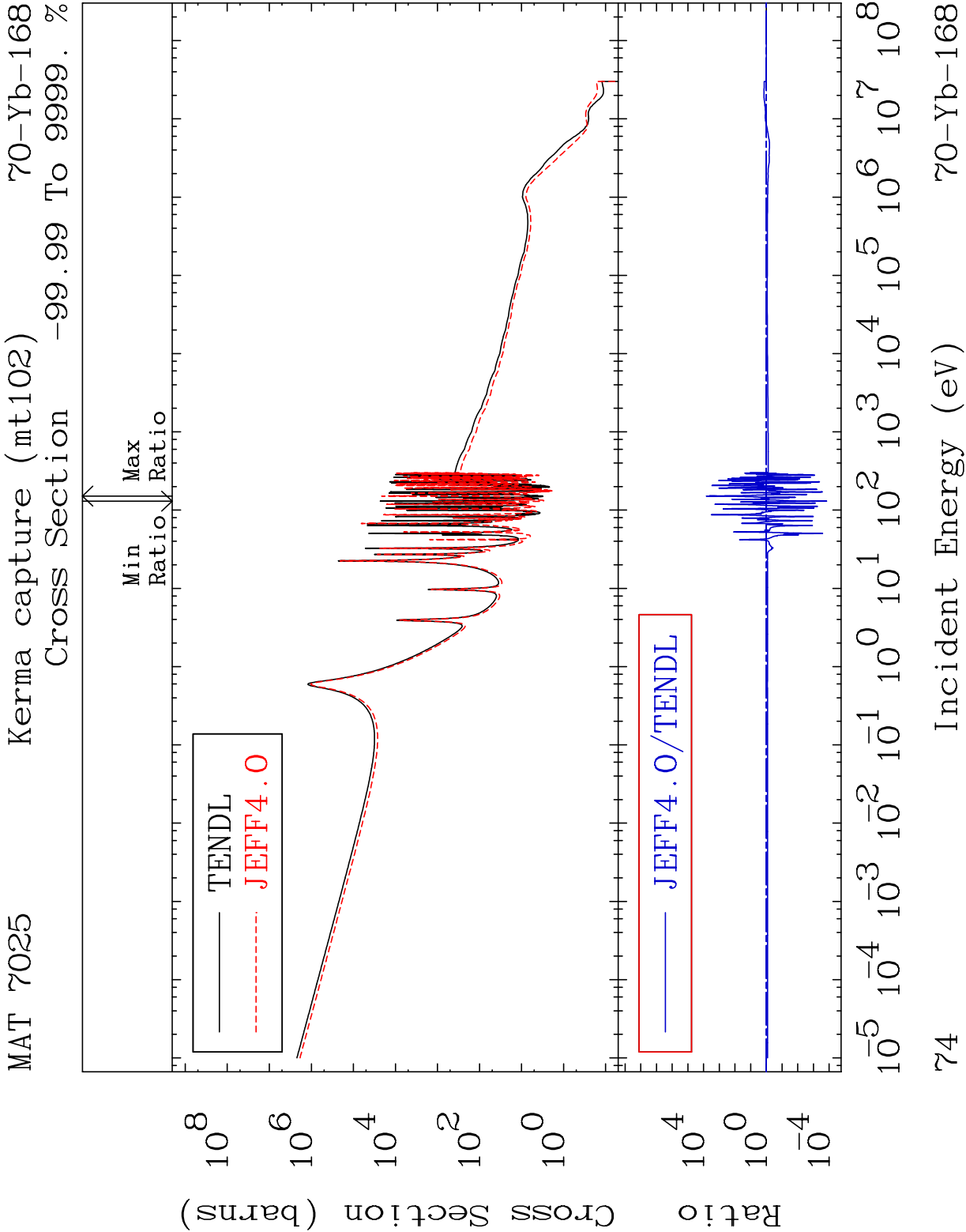
71 Incident Energy (eV) 70-Yb-168



MAT 7025 Kerma fission (mt18 or mt19-20-21-38) 70-Yb-168
Cross Section -6.110 To 39.23 %



73 Incident Energy (eV) 70-Yb-168

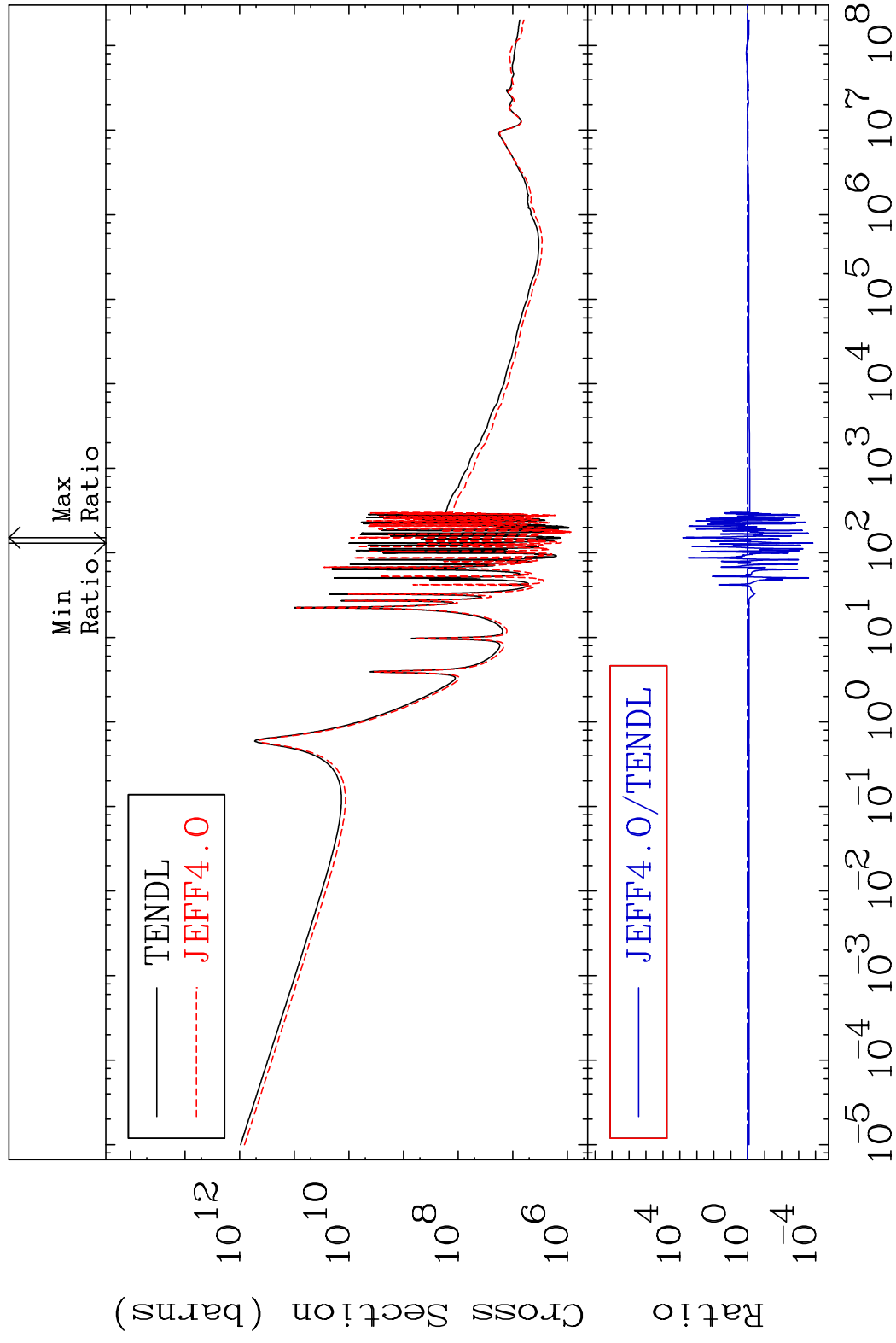


MAT 7025

Total photon (eV-barns)

70-Yb-168

Cross Section -99.99 To 9999. %



52

Incident Energy (eV)

70-Yb-168

MAT 7025 Total kinematic kerma (high limit) 70-Yb-168
Cross Section -99.86 To 9999. %

