

Program Complot
(Version 2021-1)

by

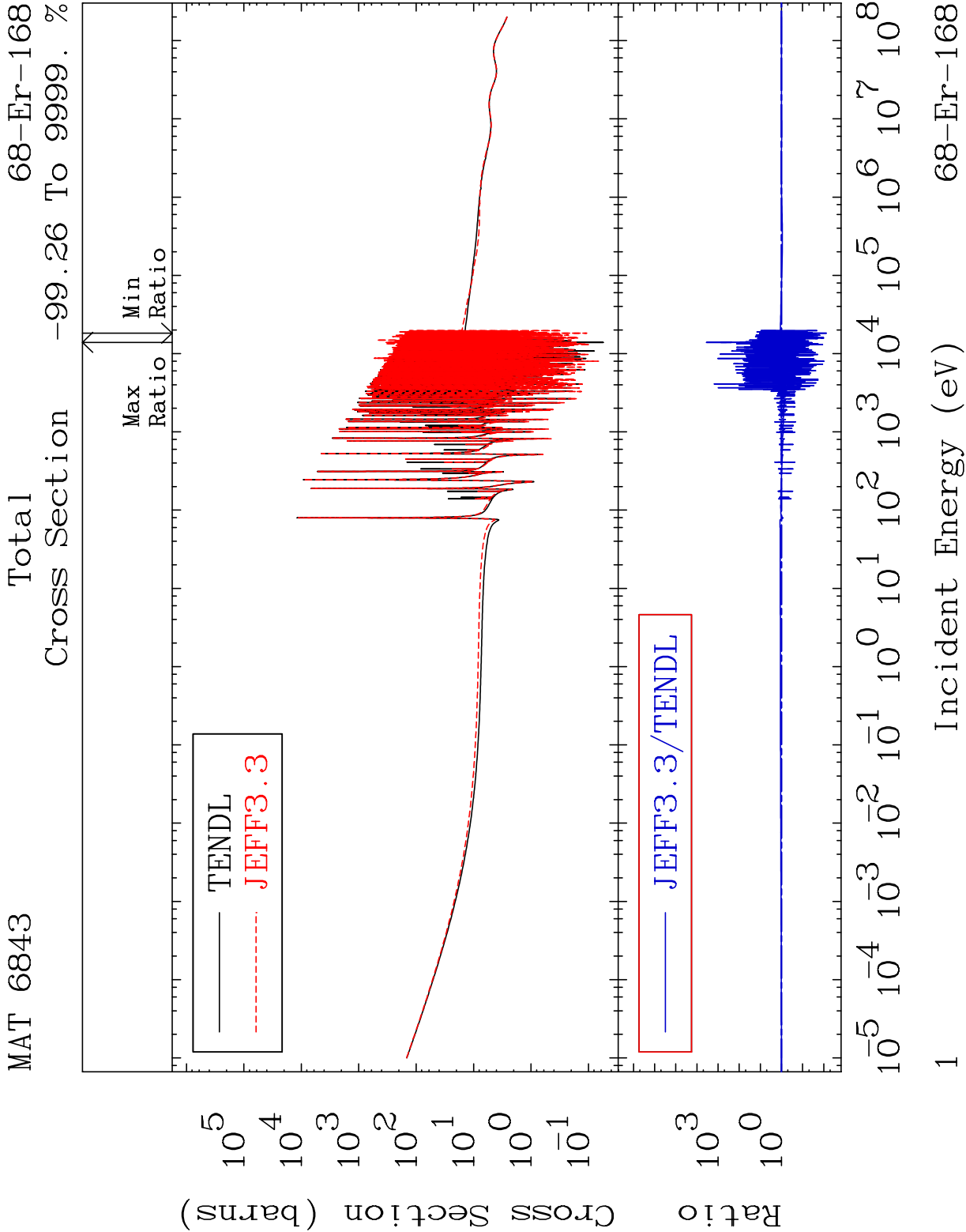
Dermott E. Cullen
(Present Contact Information)

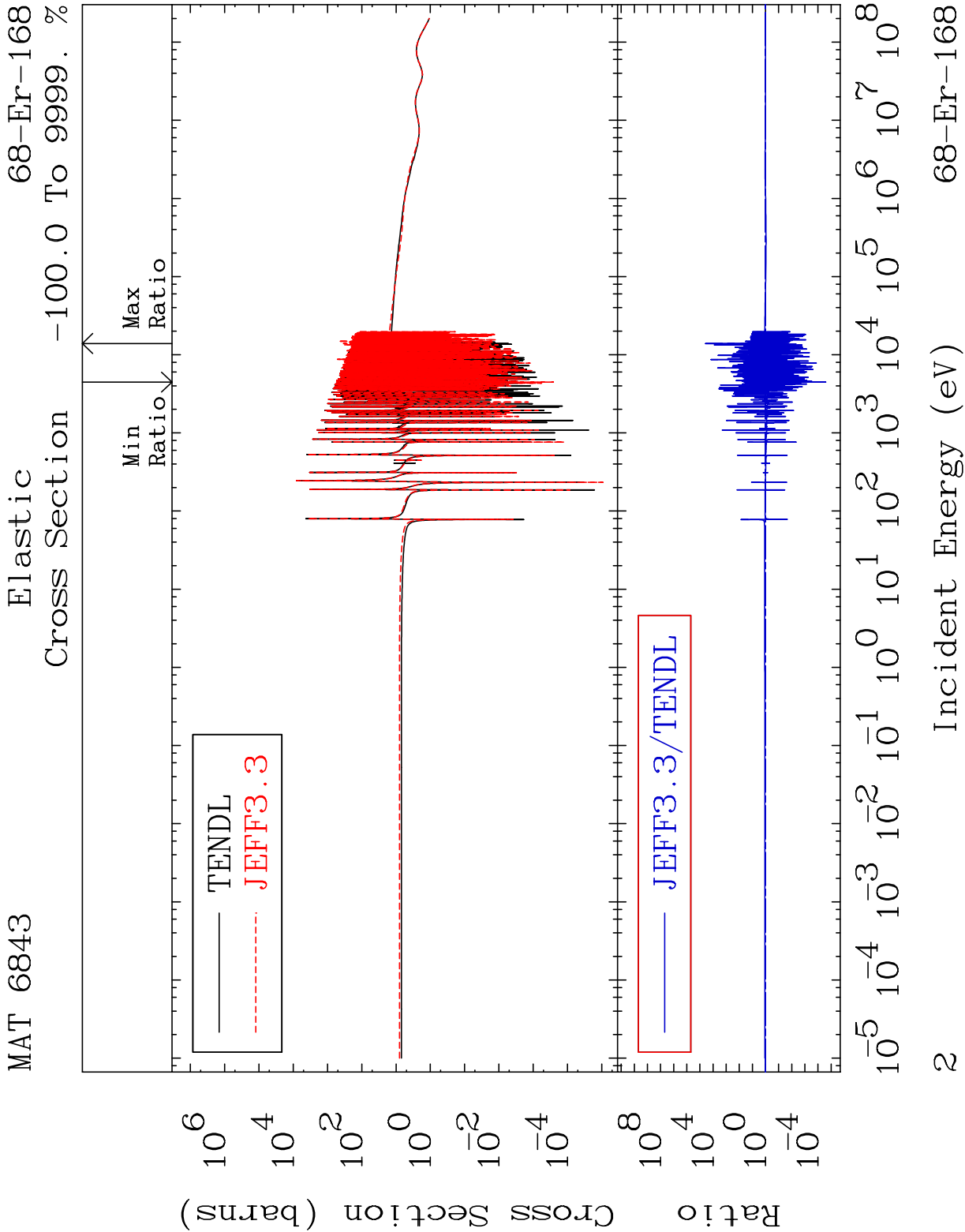
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

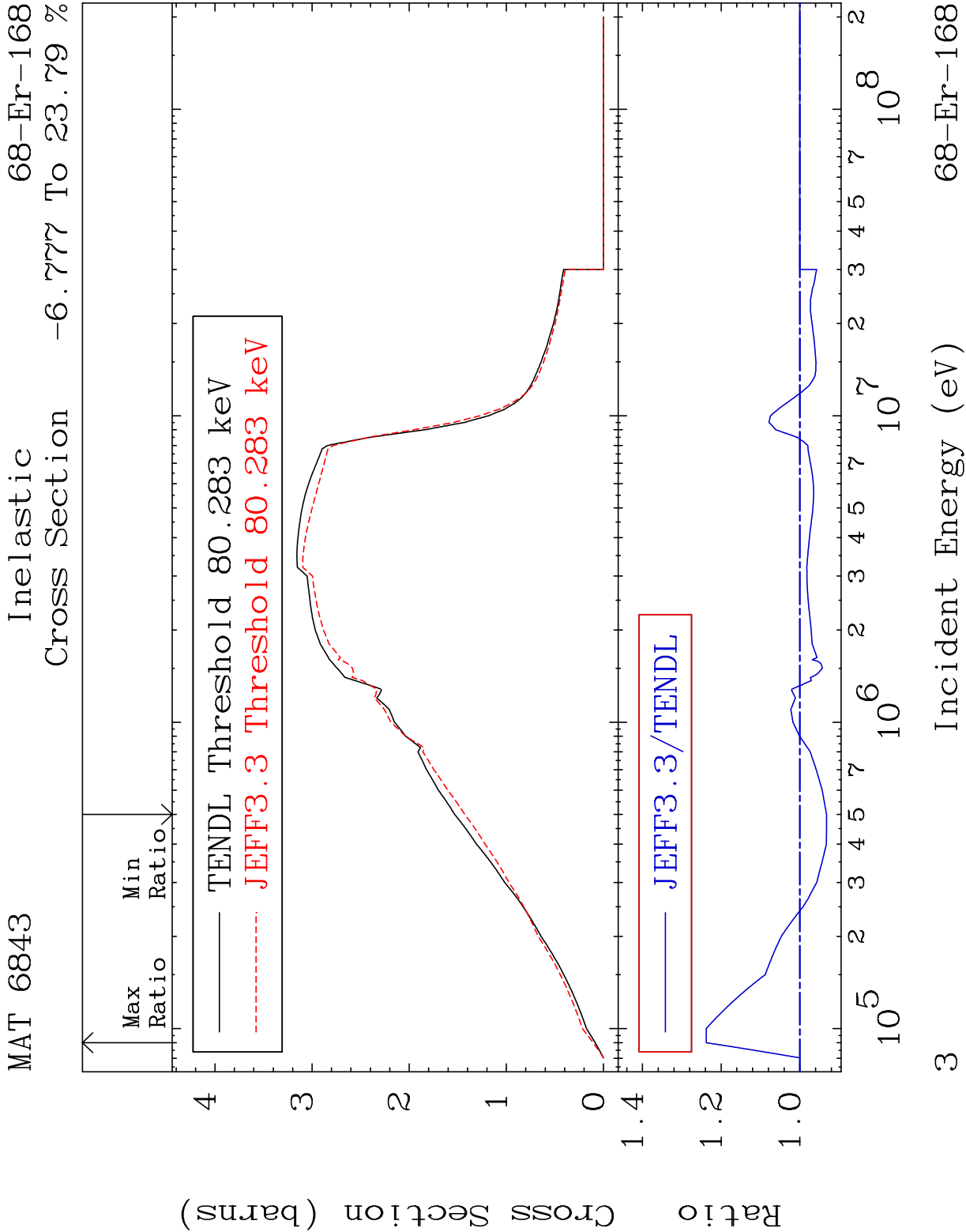
Tele: 925-443-1911

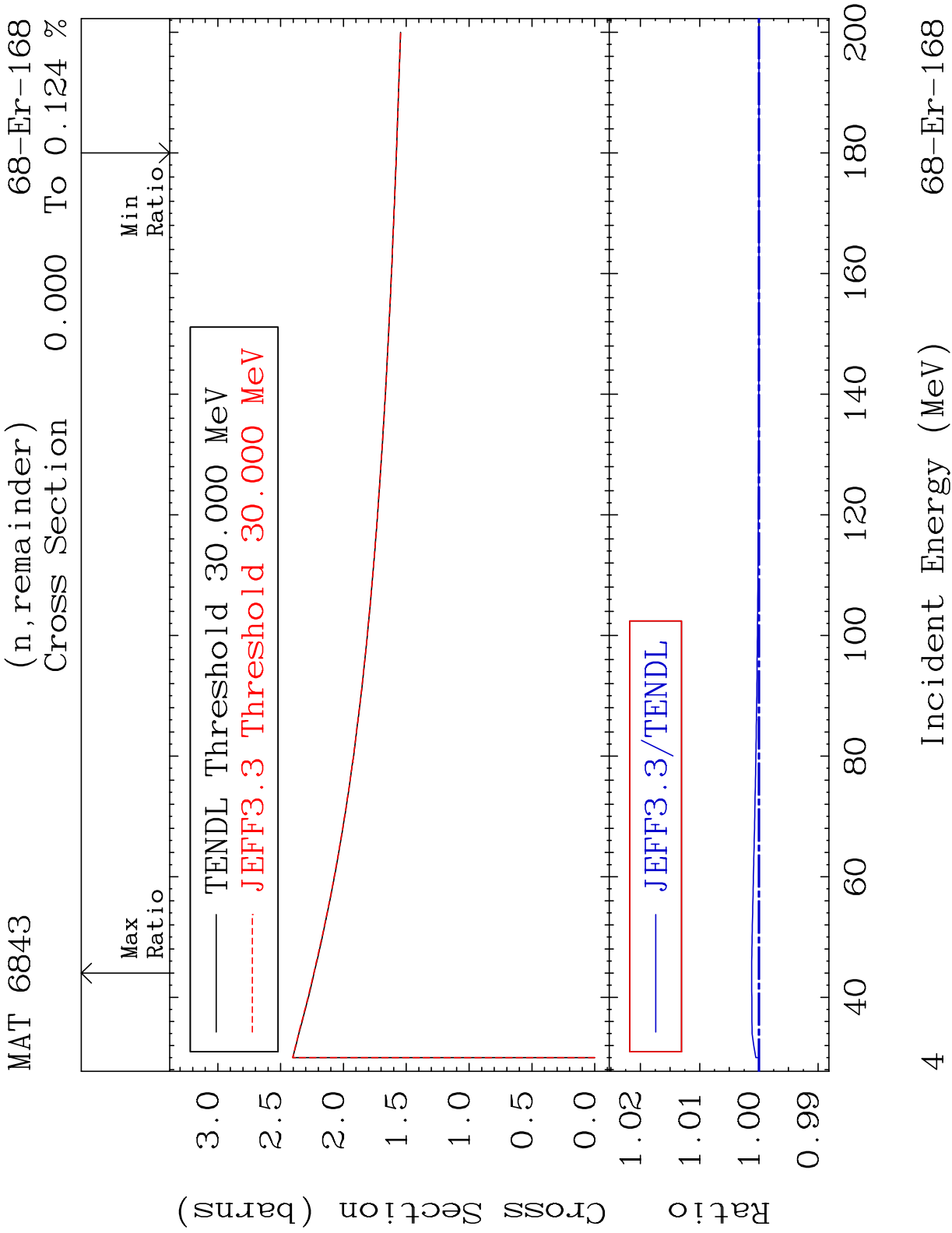
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

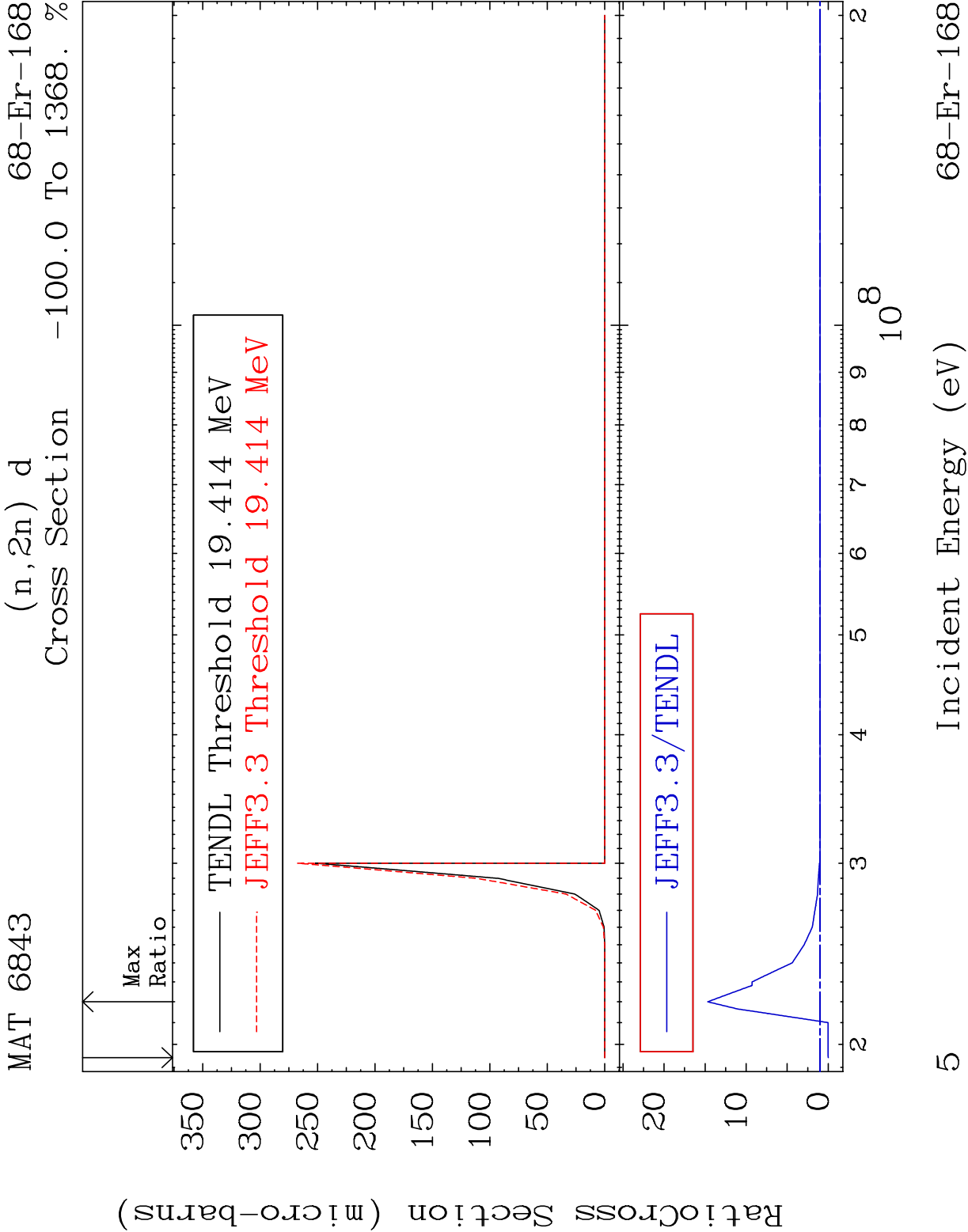
Press Mouse Button to Start









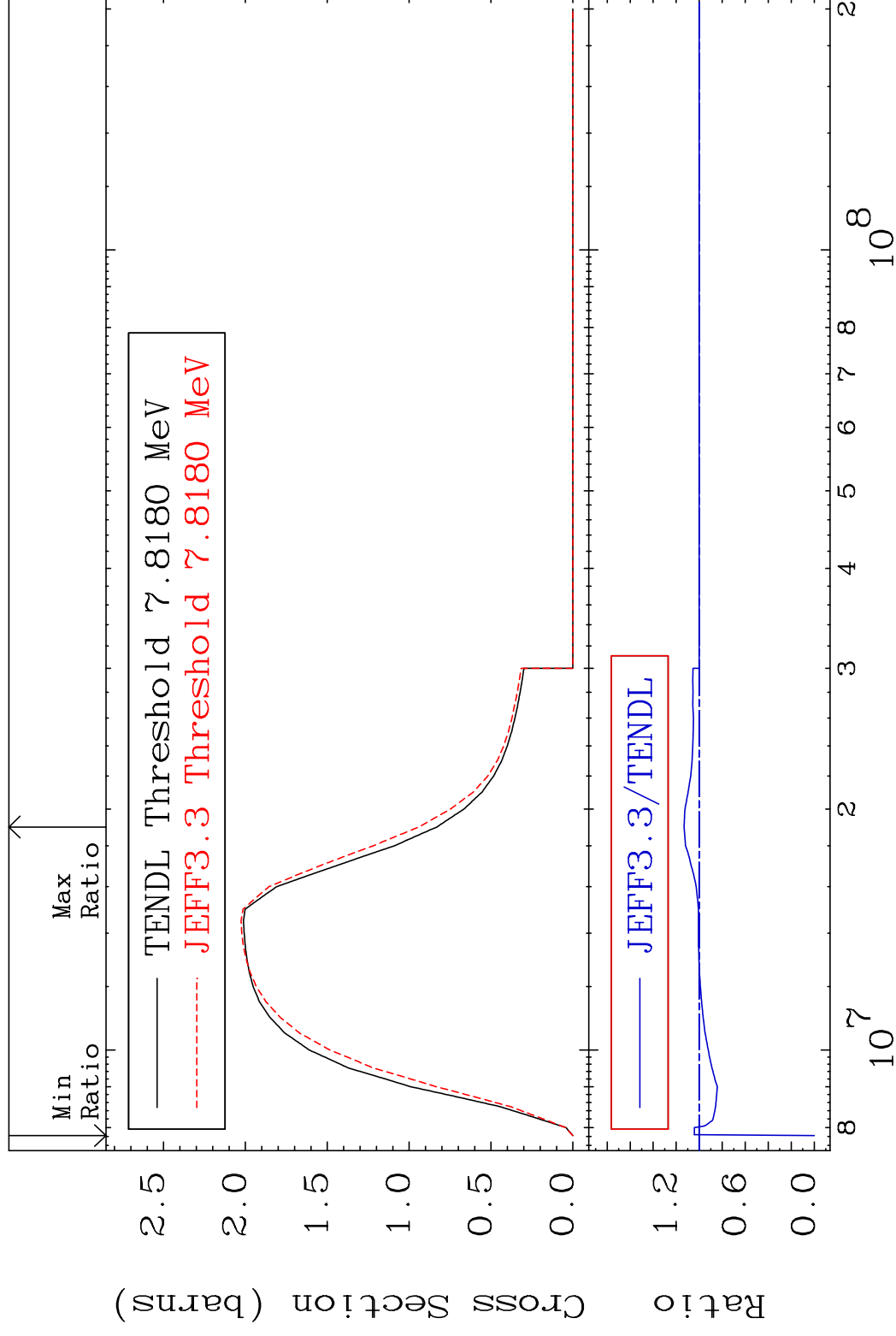


MAT 6843

$$(n, 2n)$$

68-Er-168

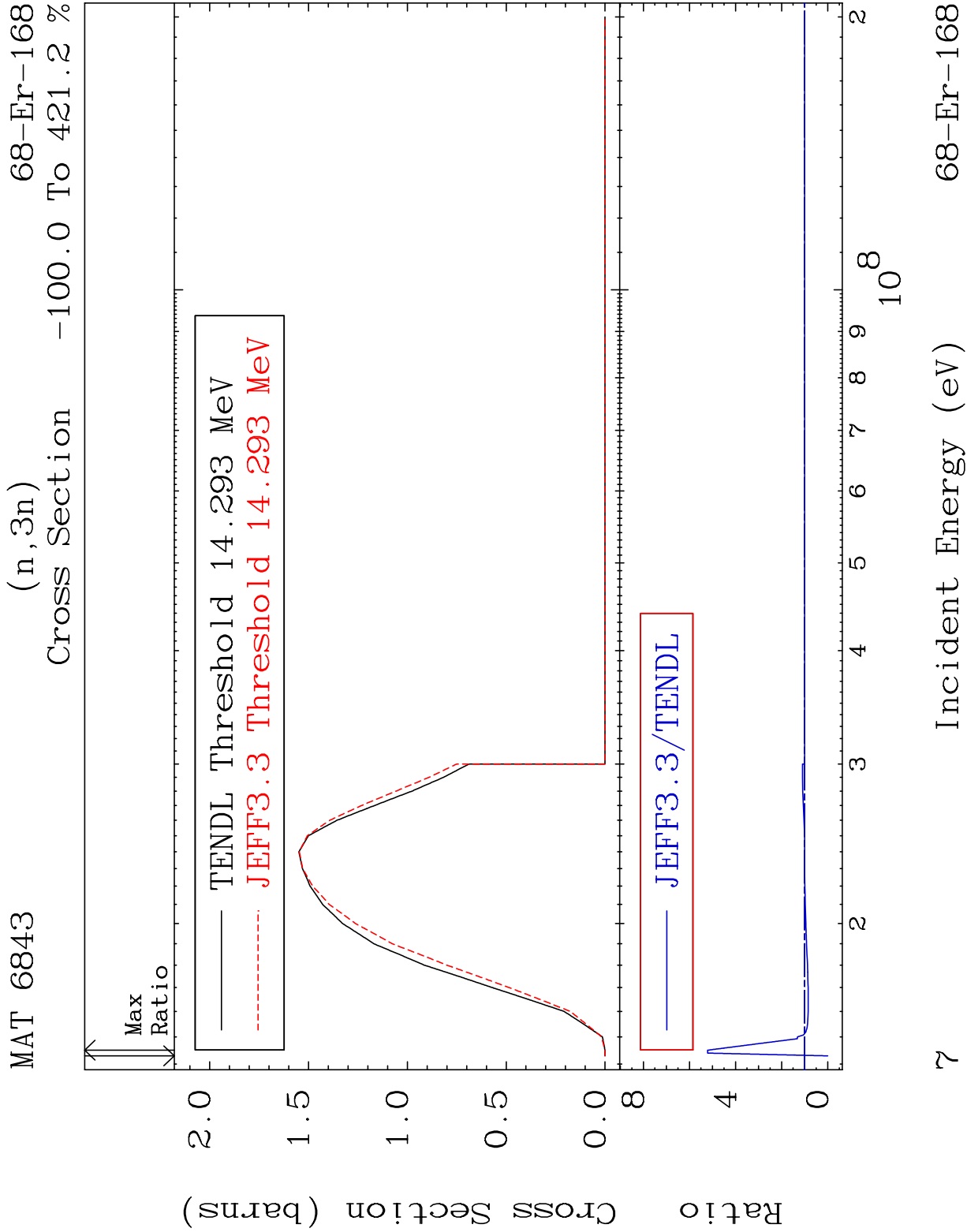
Cross Section	-100.0 To 13.16 %

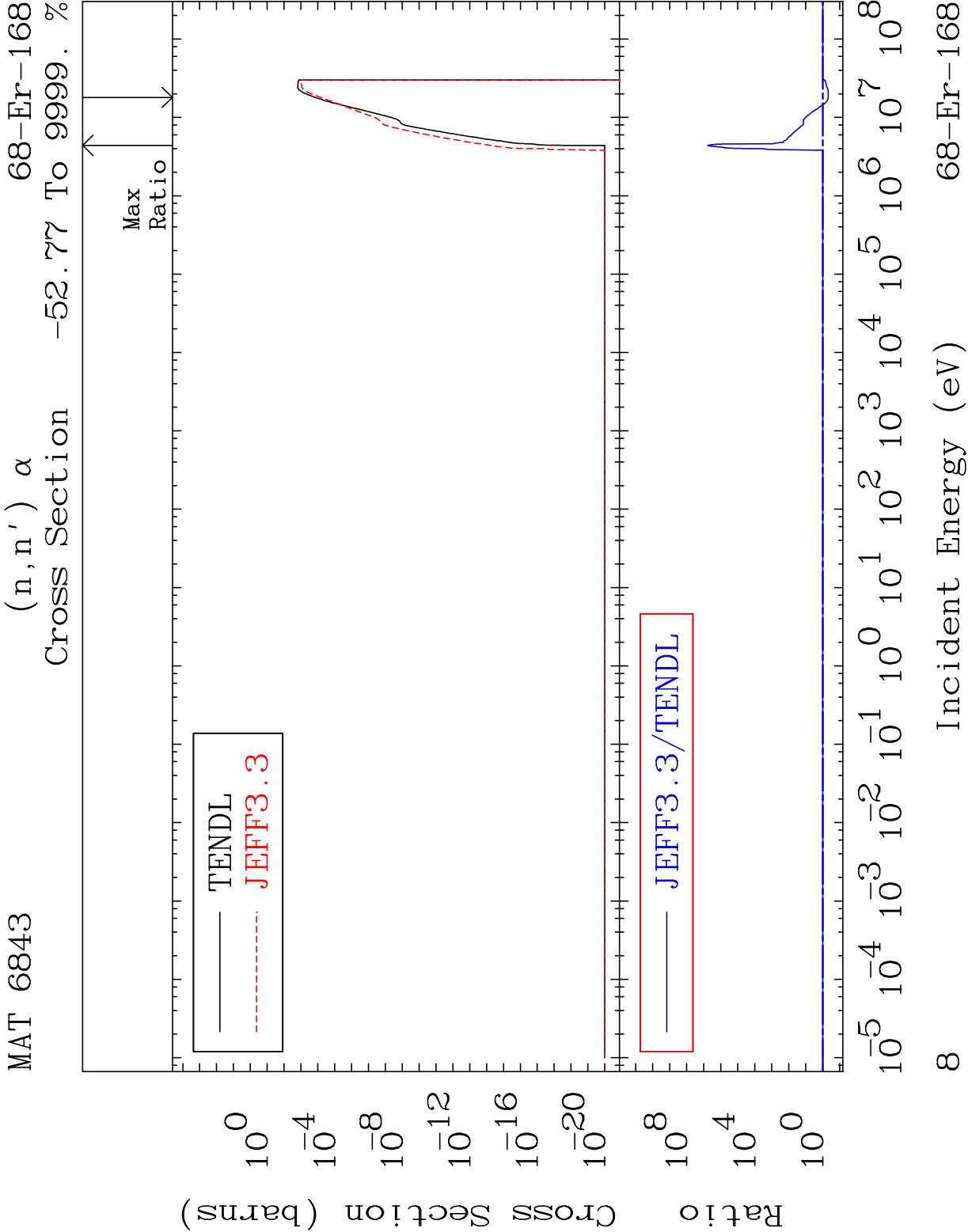


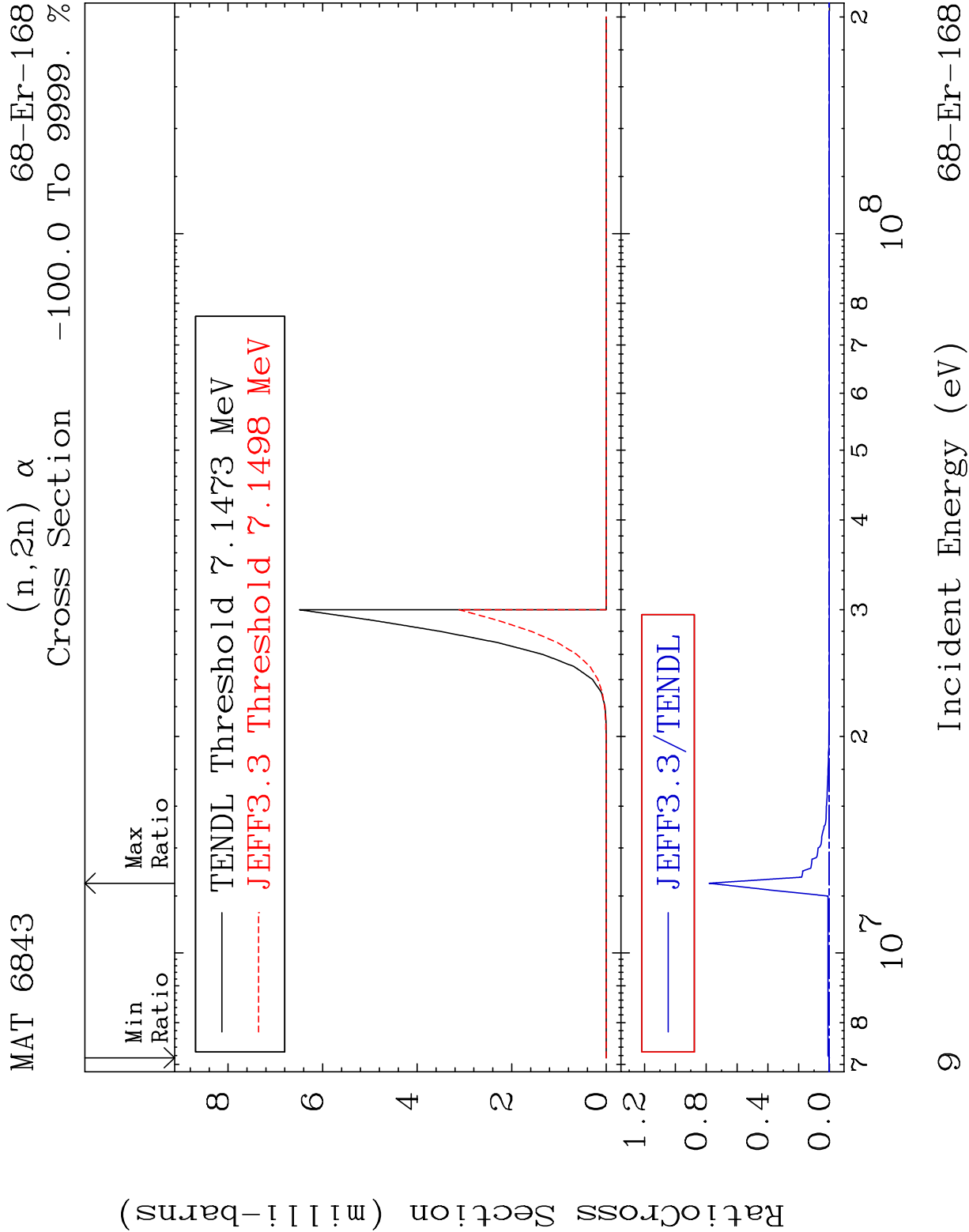
6

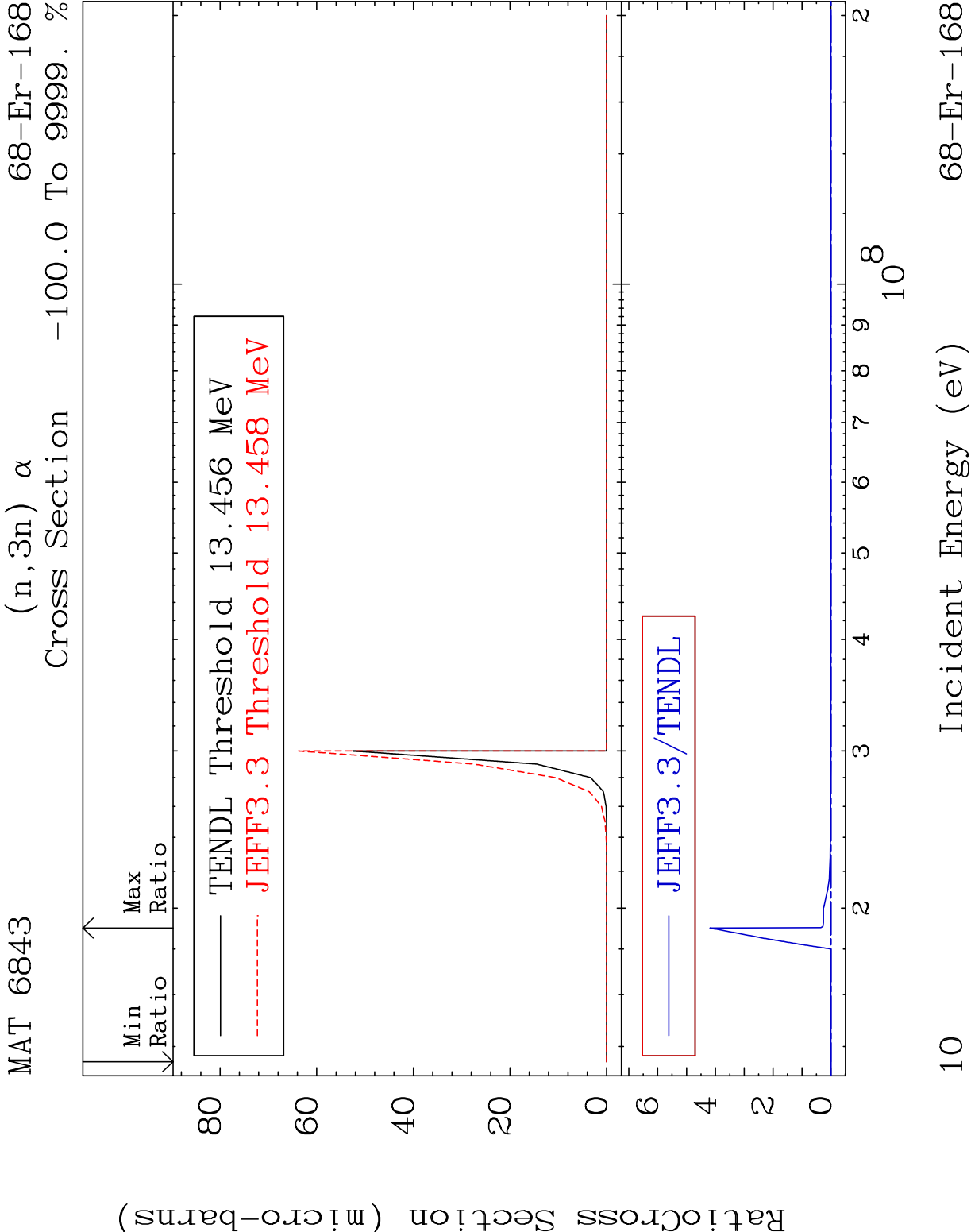
Incident Energy (eV)

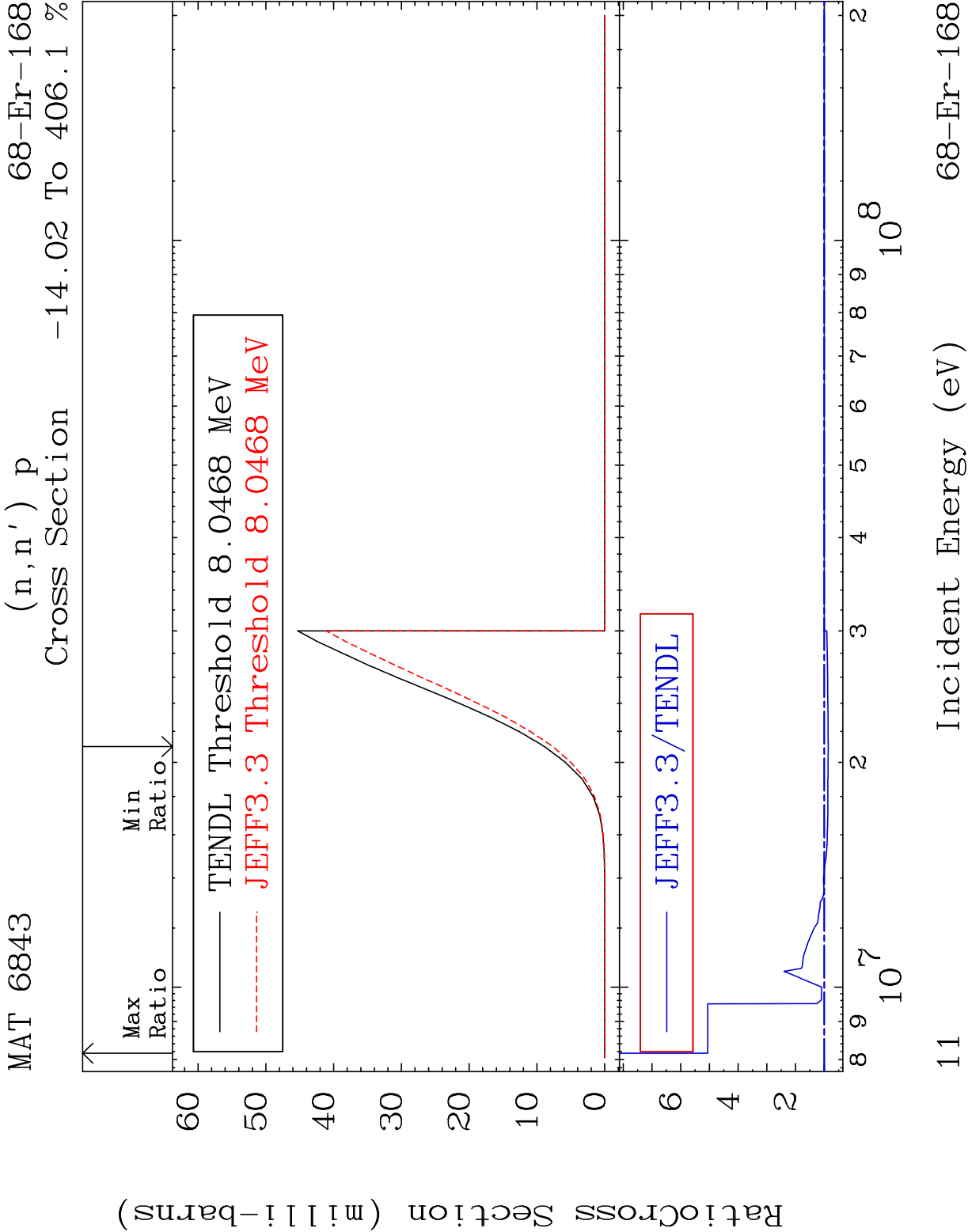
68-Er-168



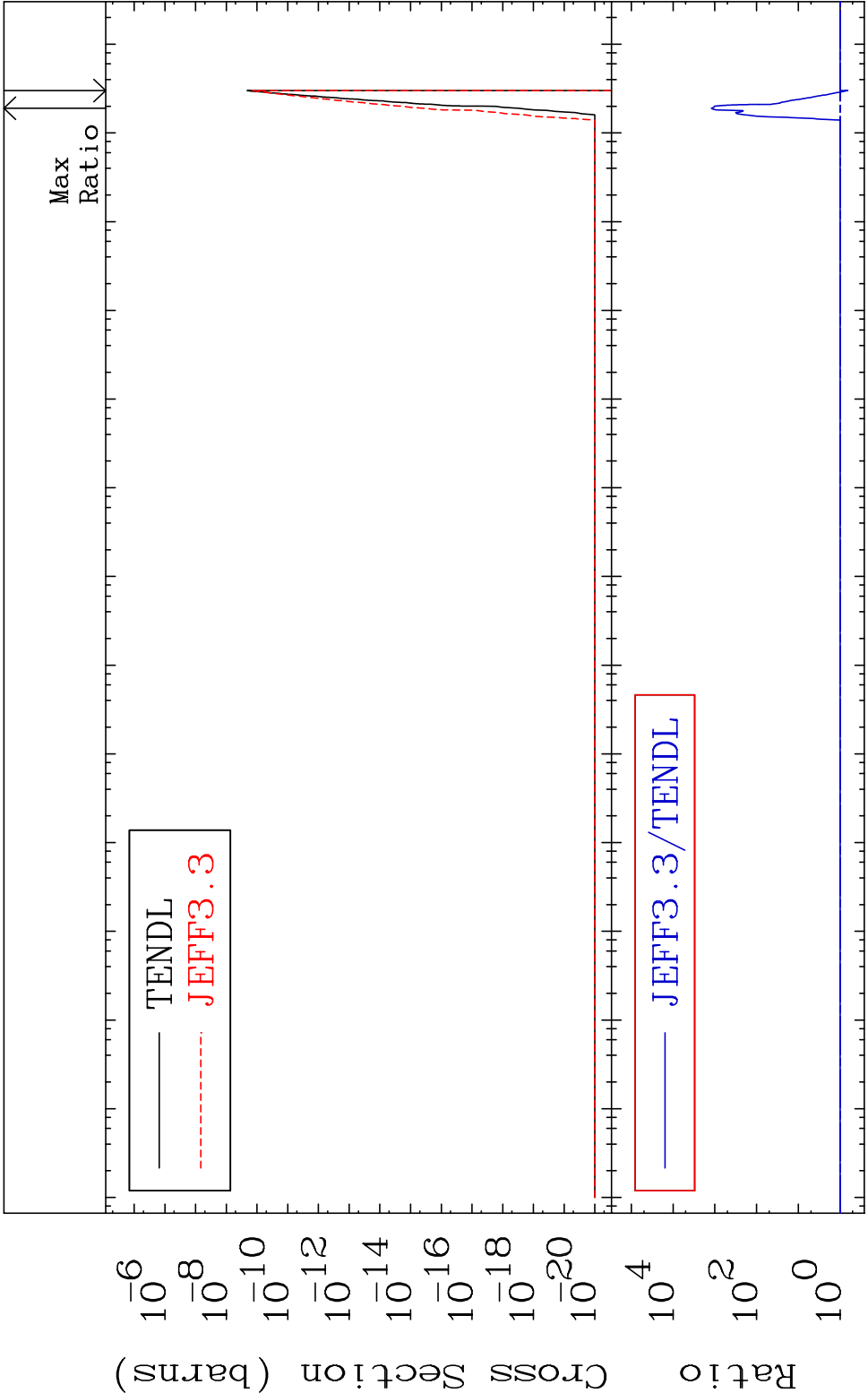




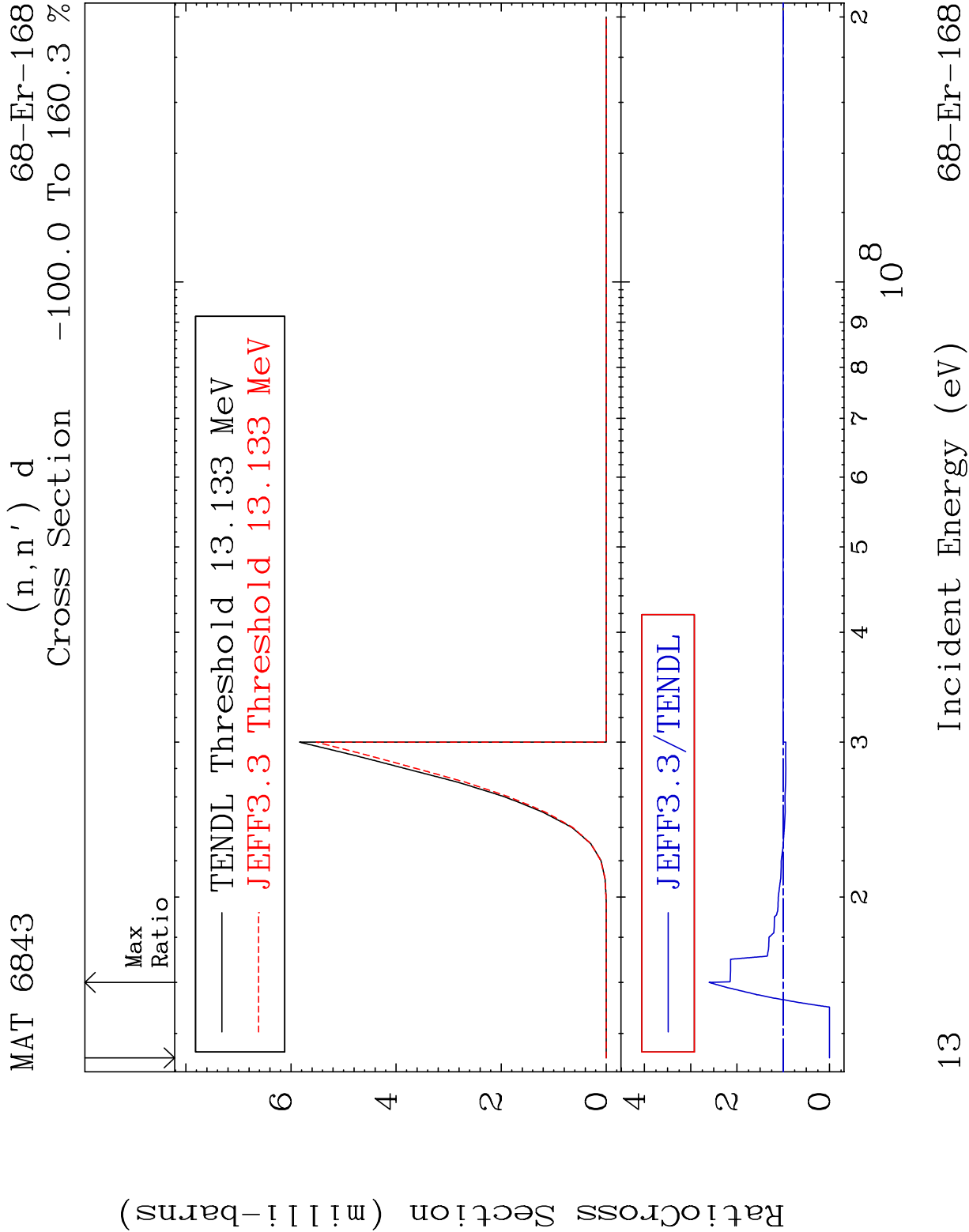


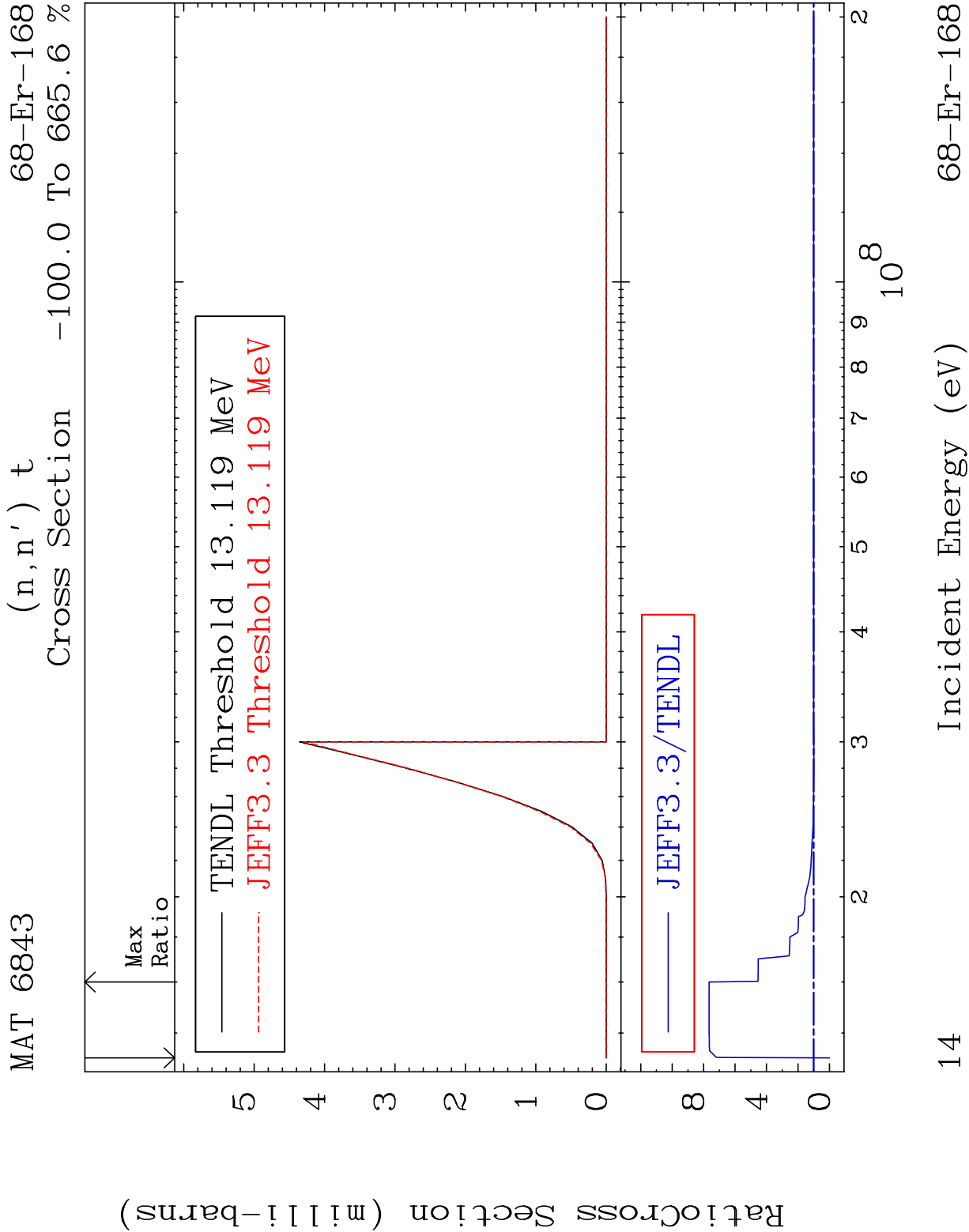


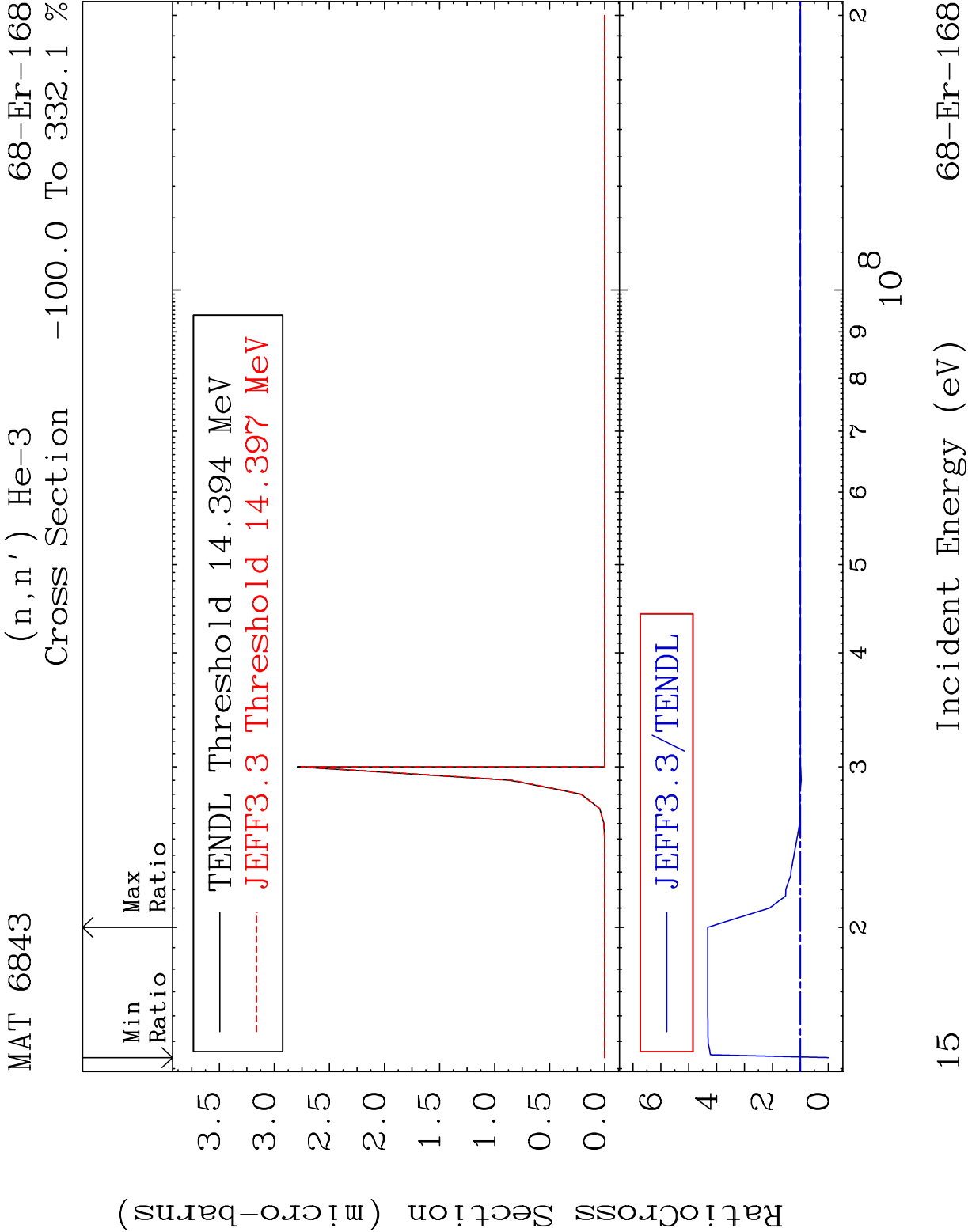
MAT 6843 (n,n') 2α 68-Er-168
Cross Section -34.33 To 9999. %



12 Incident Energy (eV) 68-Er-168

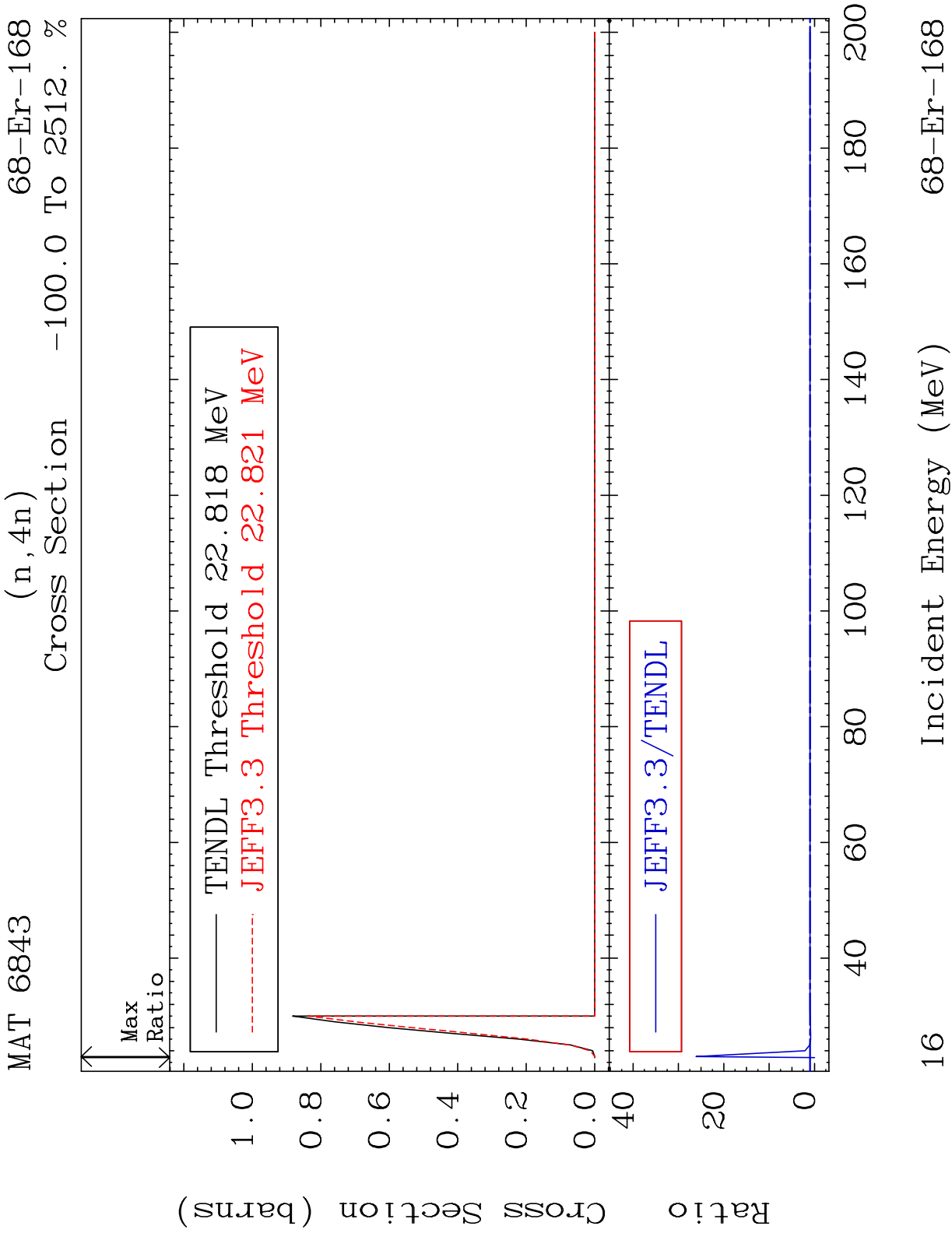


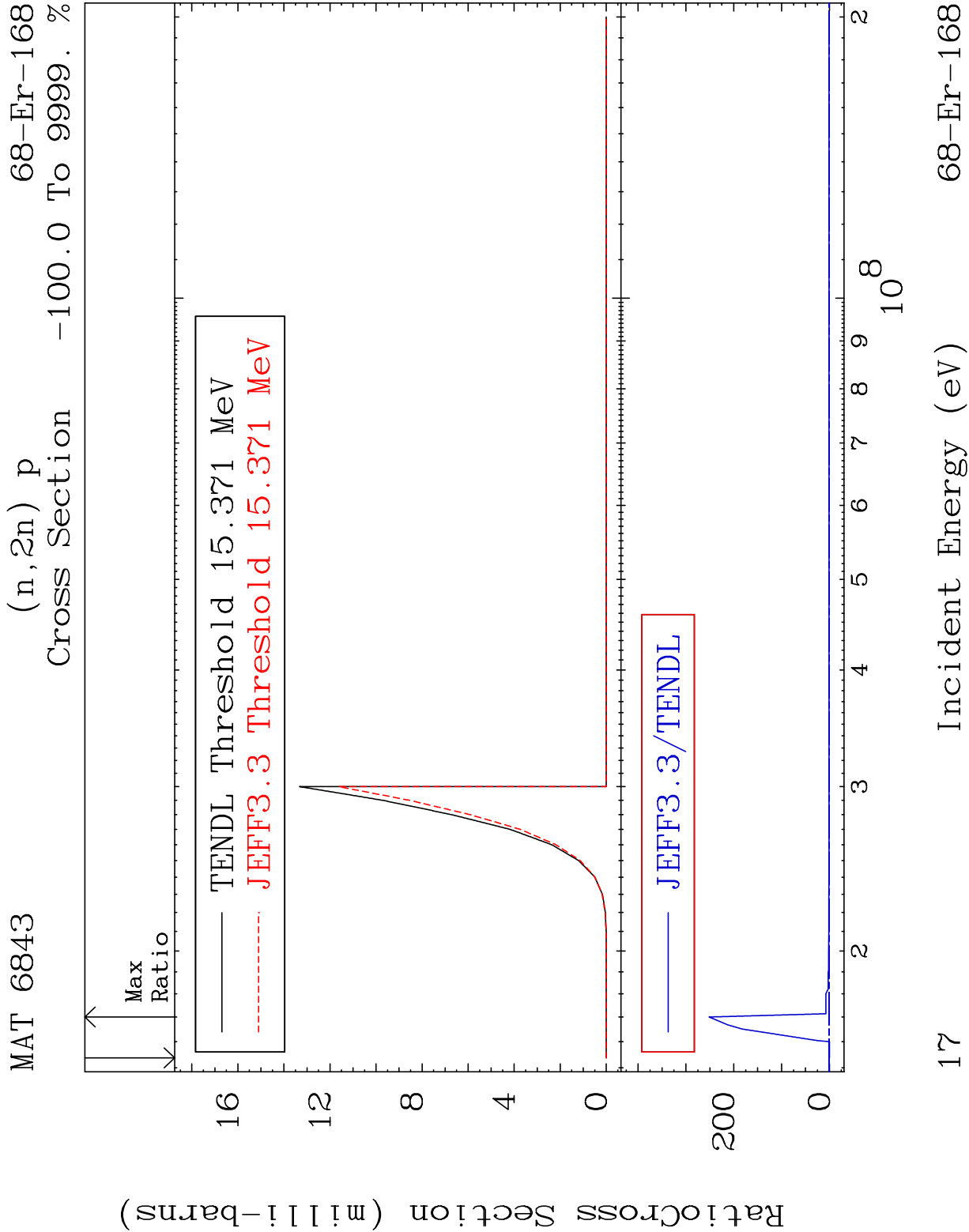


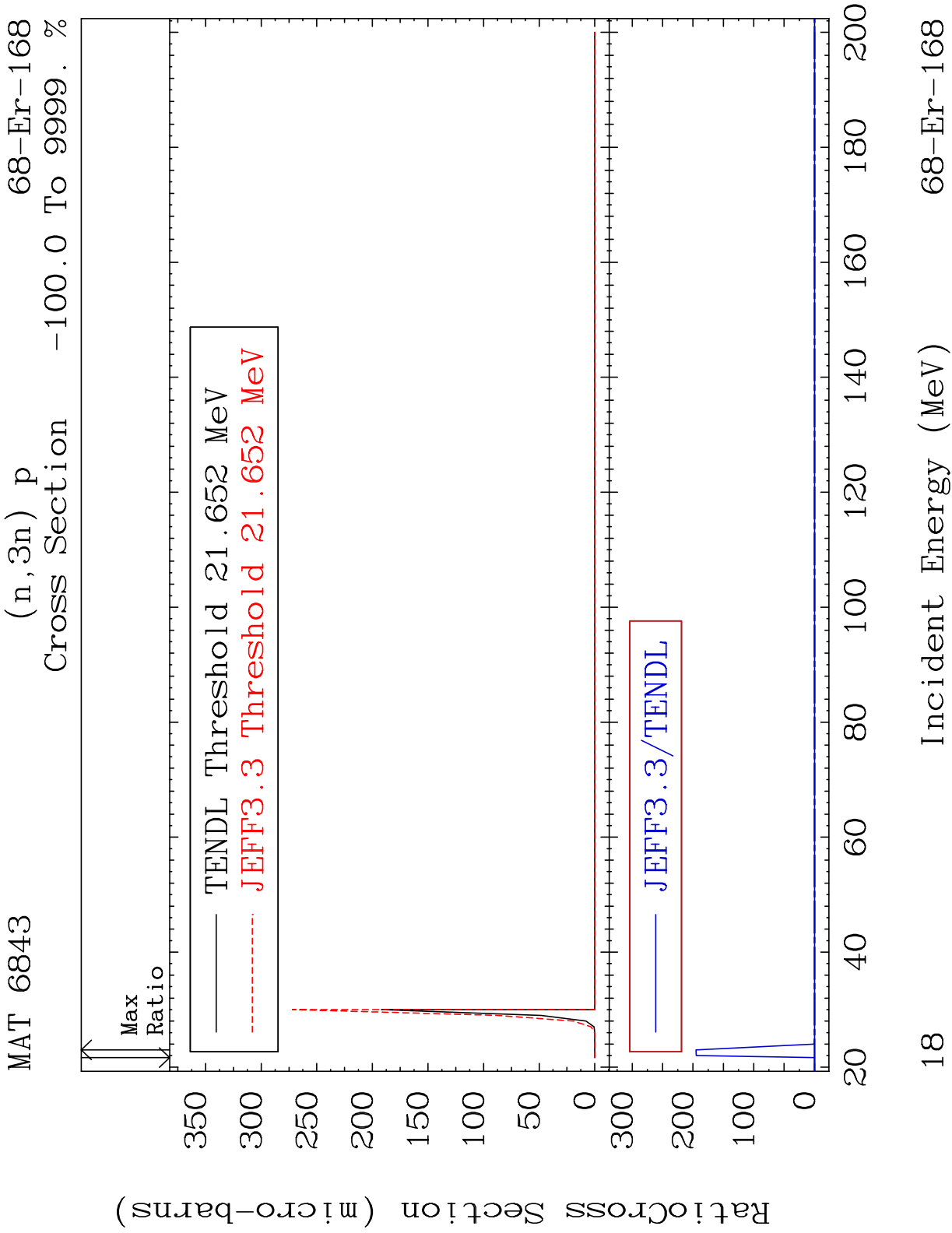


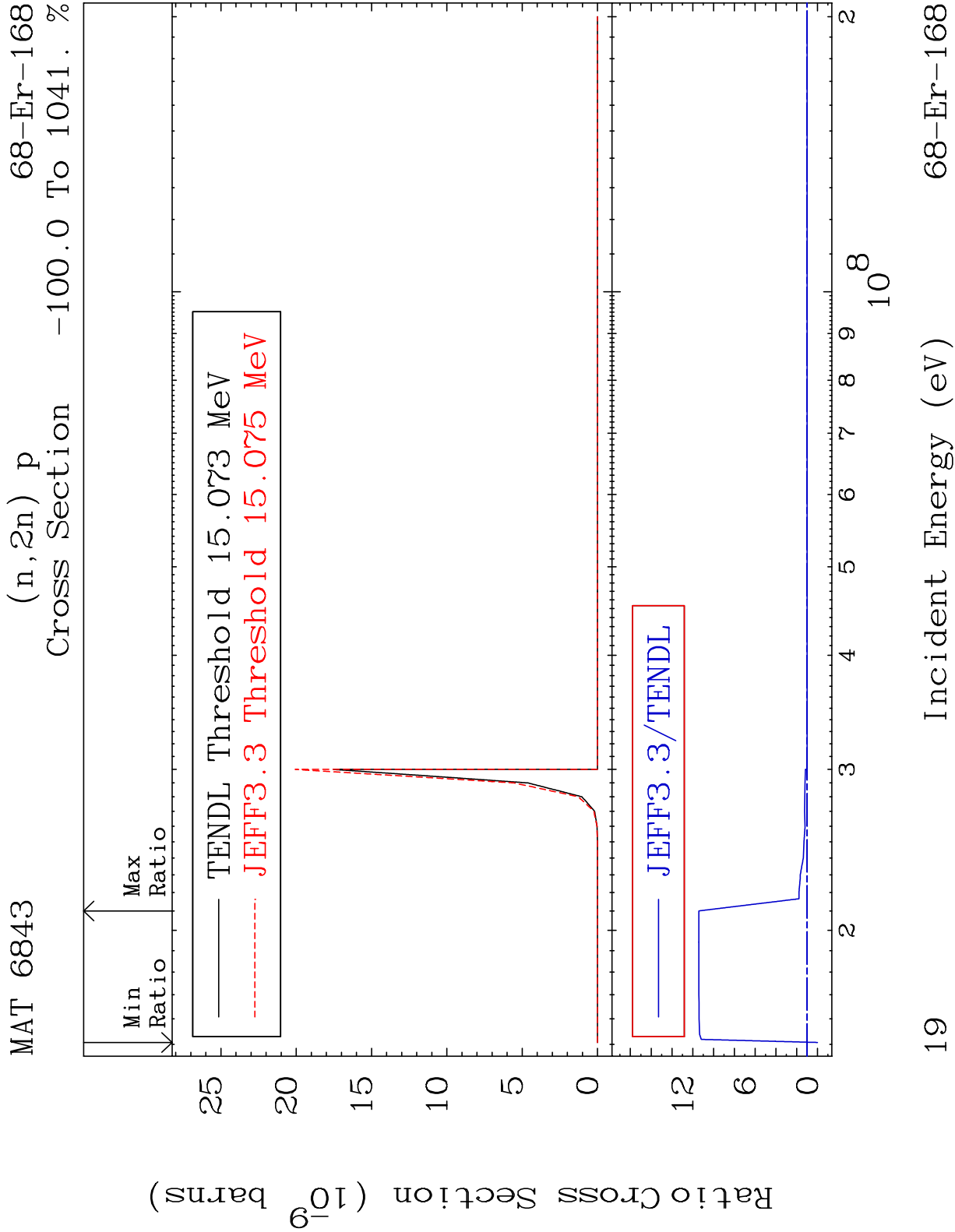
15

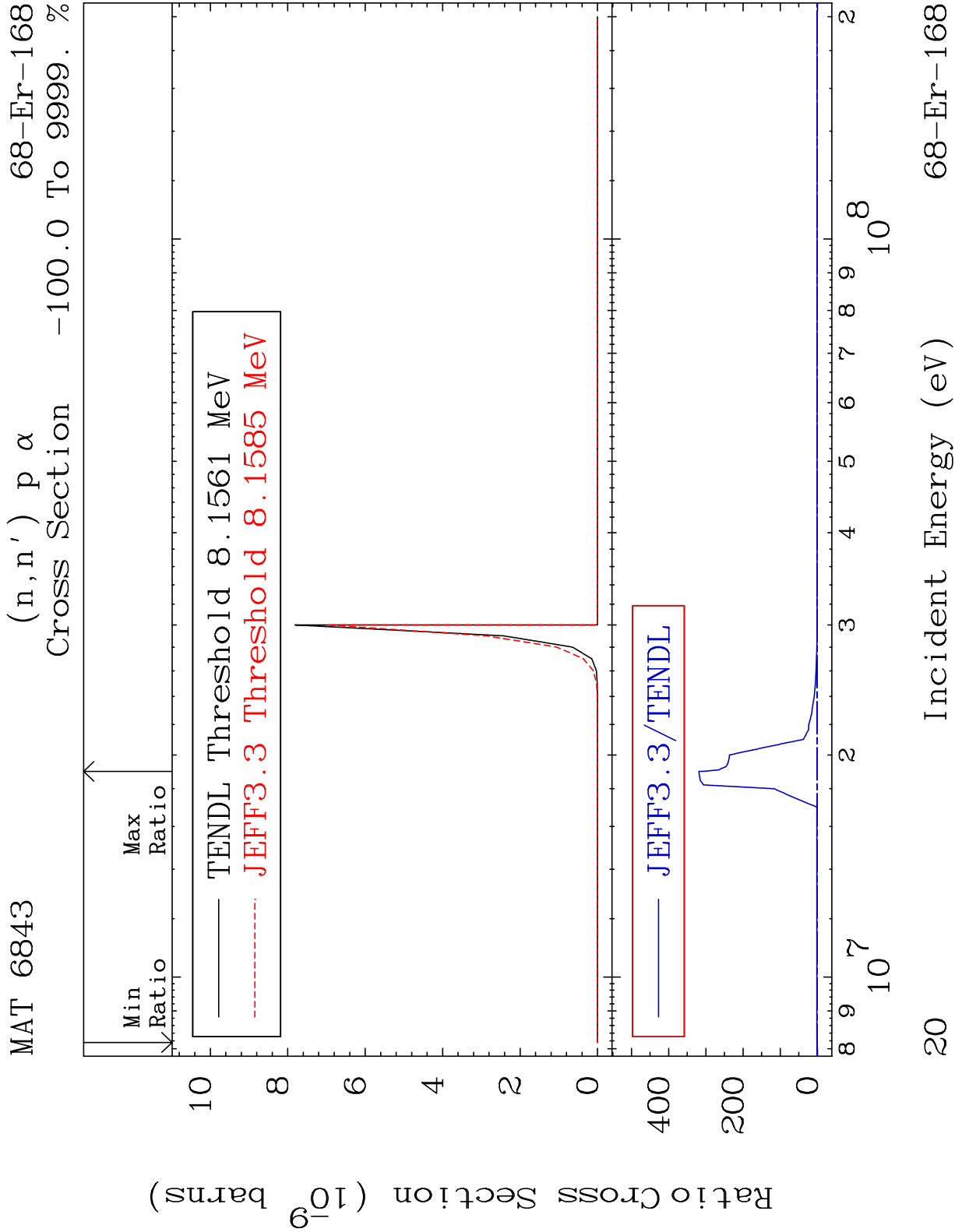
68-Er-168



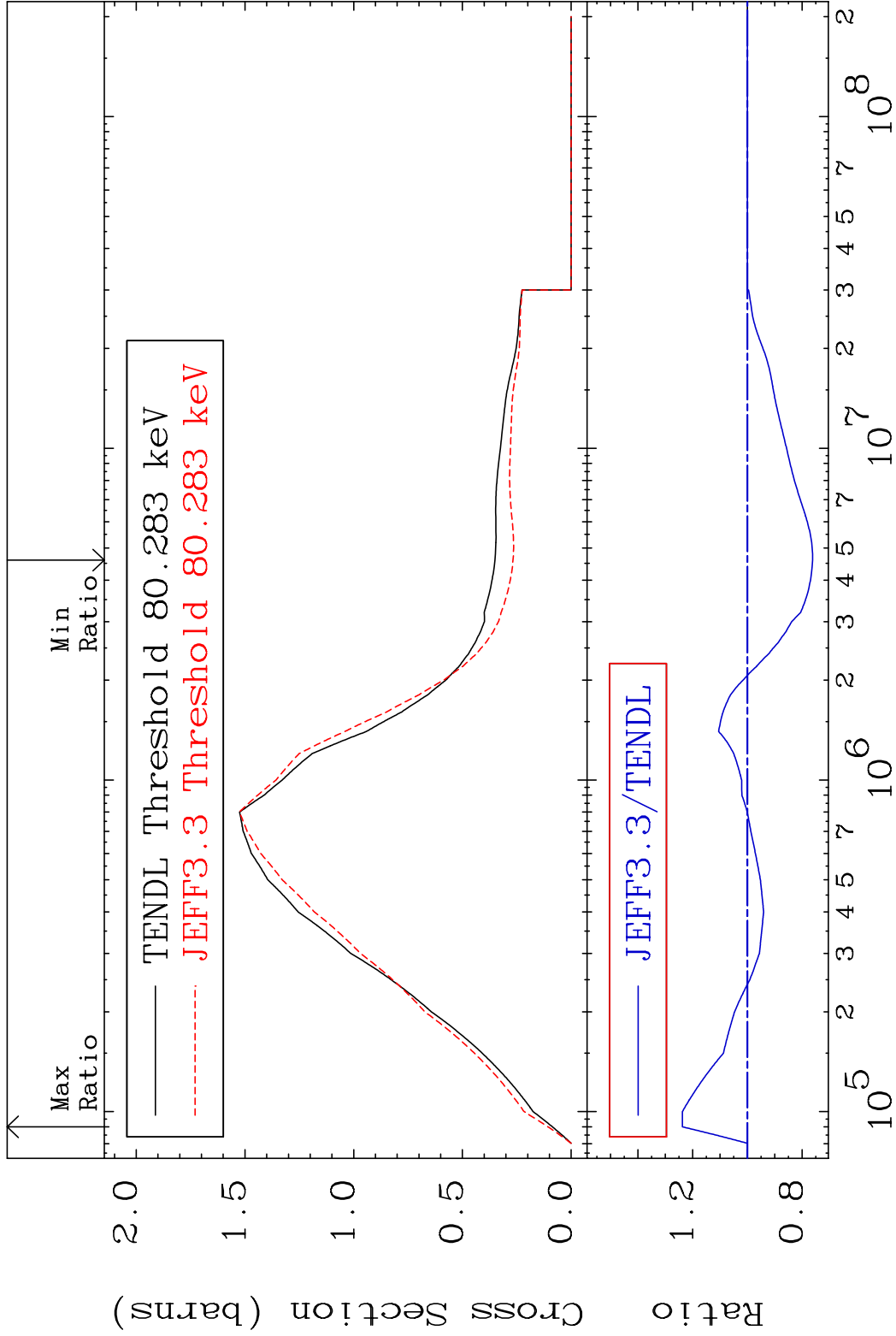




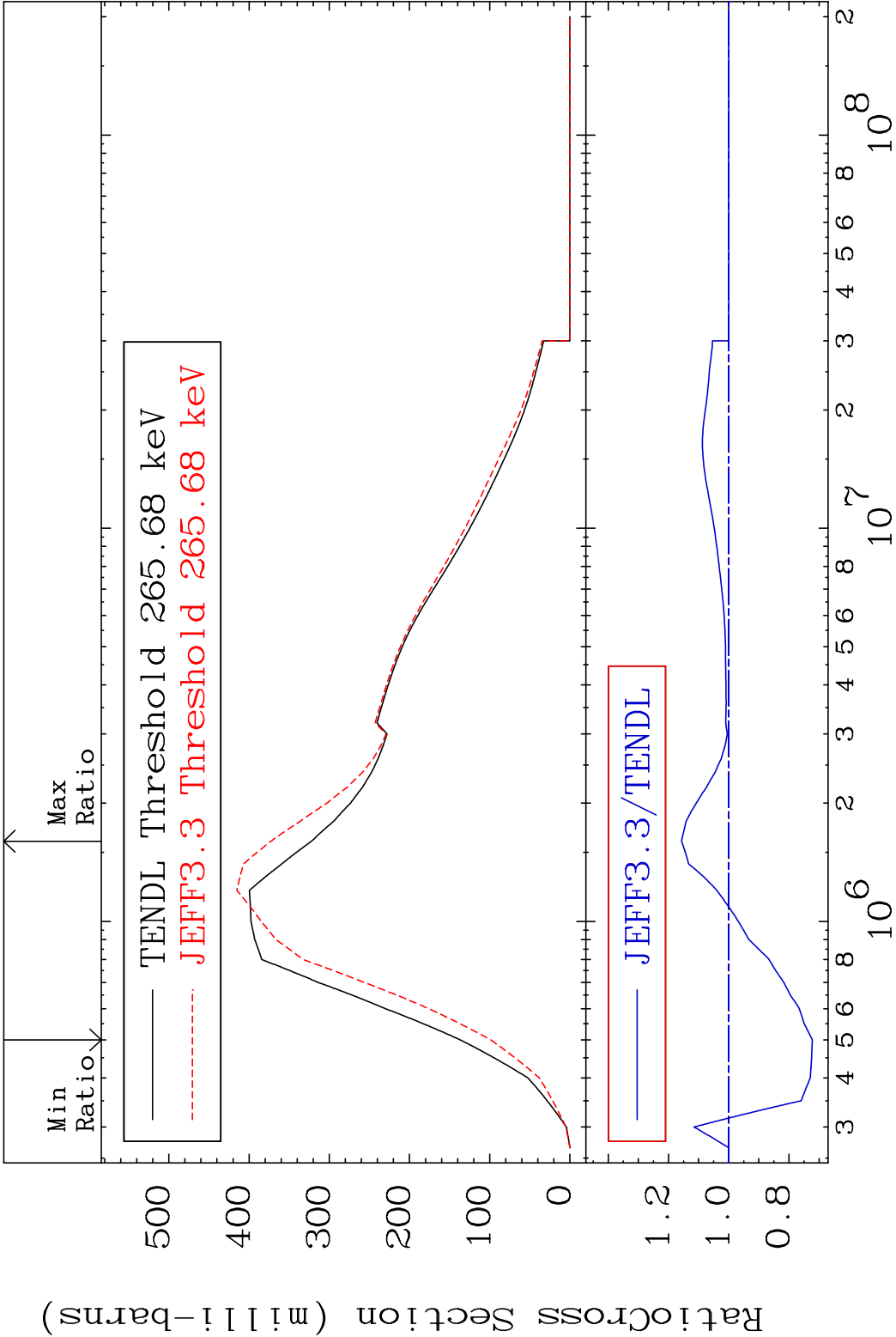




MAT 6843 MT= 51 (n,n') Level 68-Er-168
Cross Section -23.78 To 23.79 %



21 Incident Energy (eV) 68-Er-168



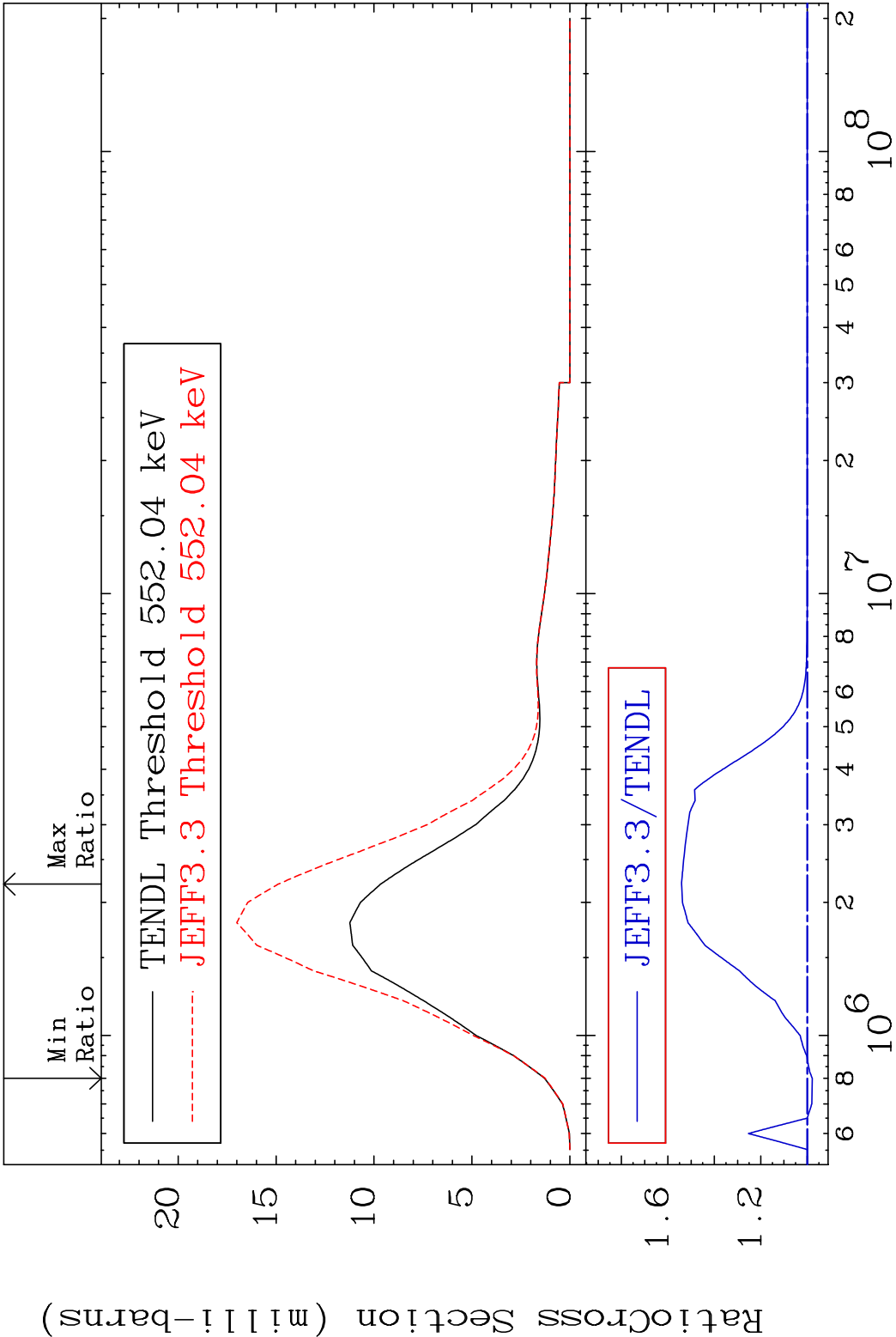
MAT 6843

MT= 53 (n,n') Level

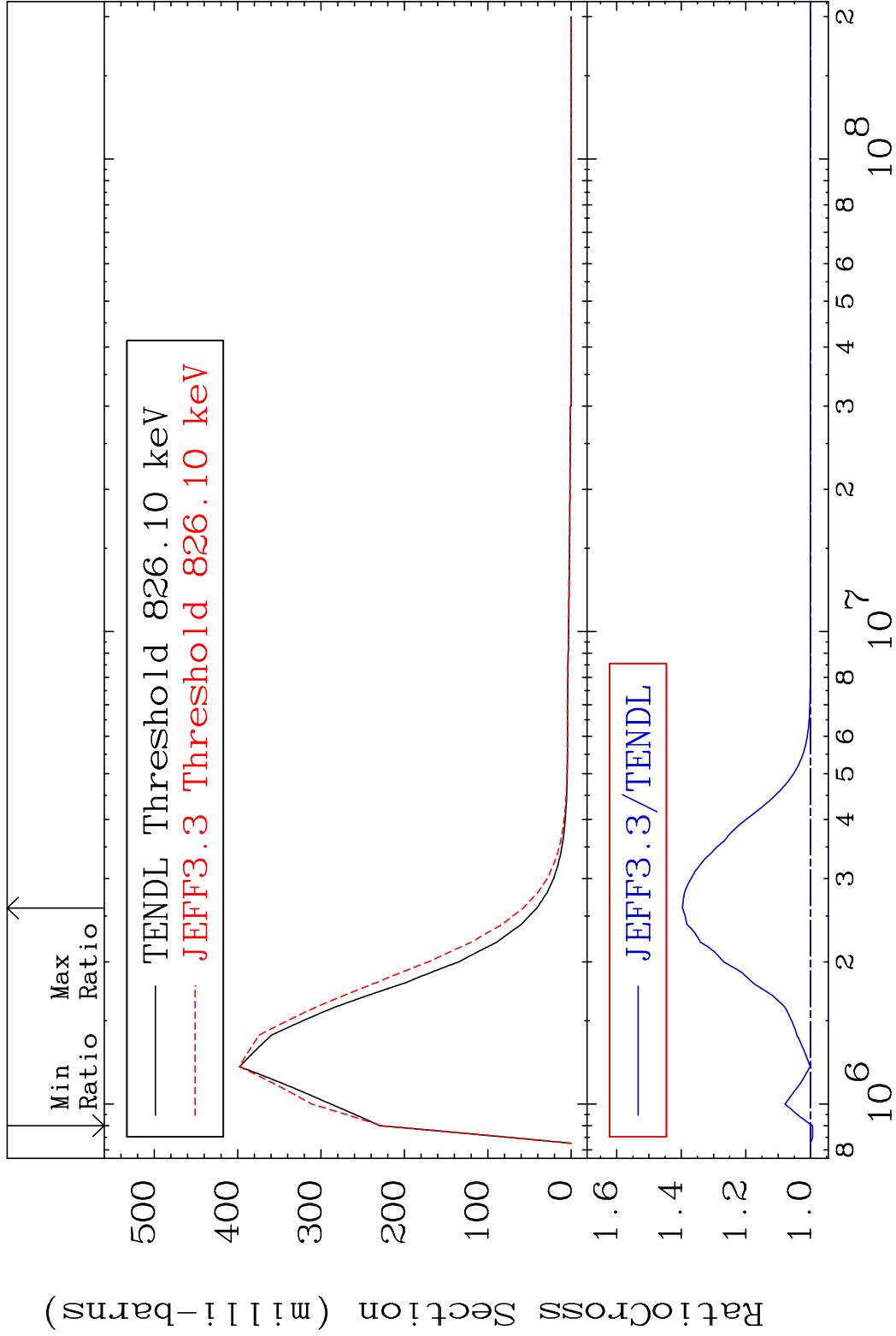
68-Er-168

Cross Section

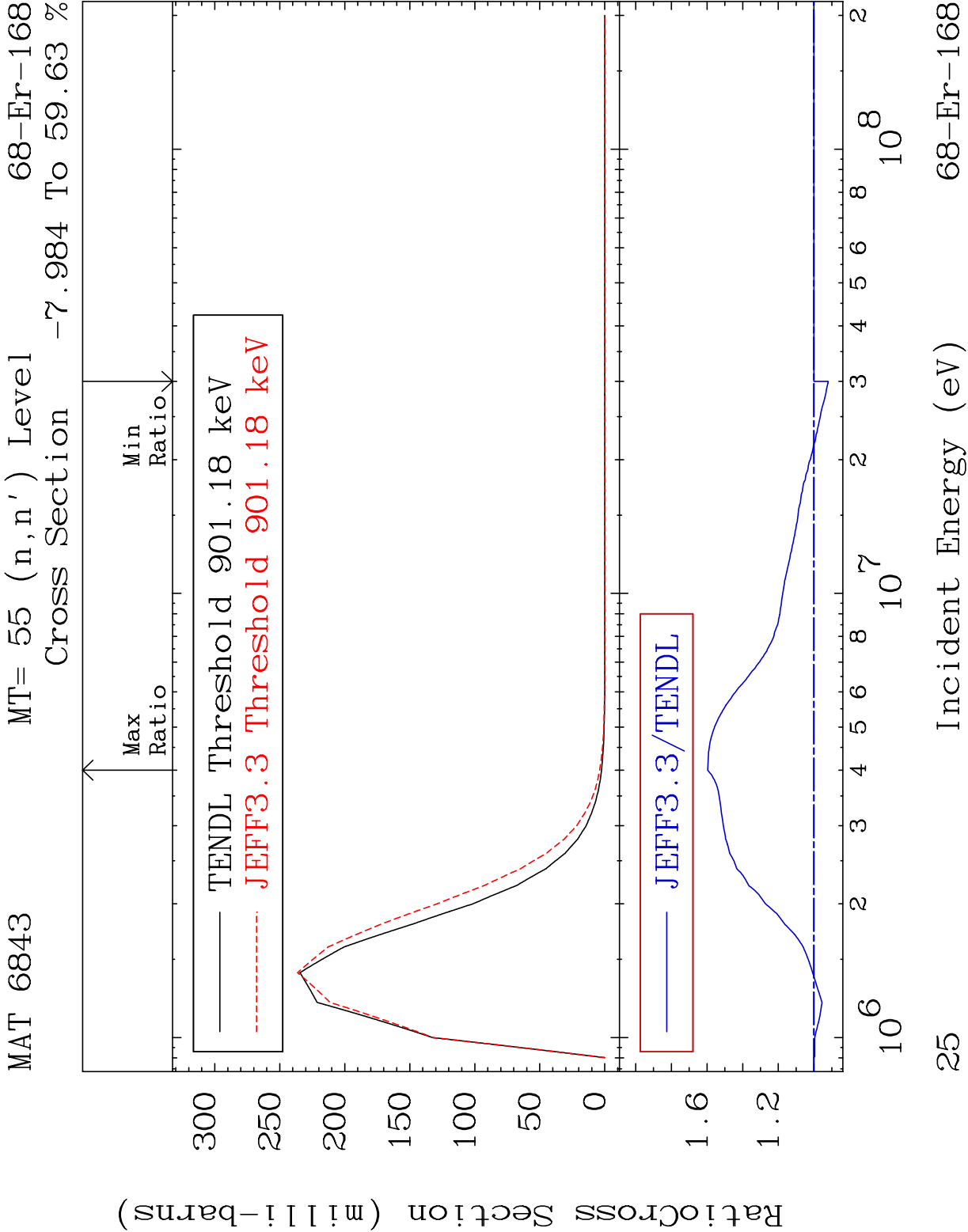
-2.157 To 54.13 %



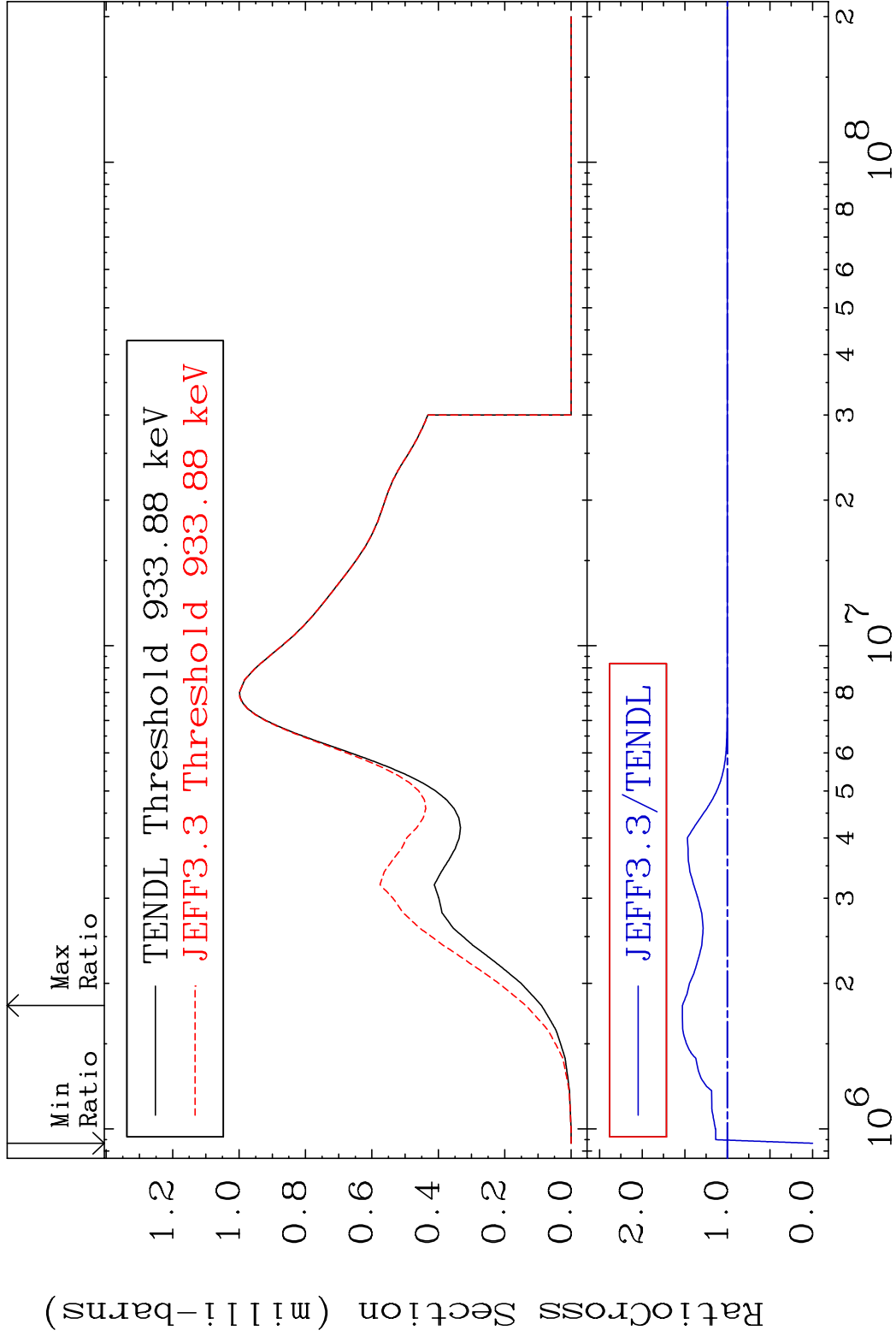
MAT 6843 MT= 54 (n,n') Level 68-Er-168
Cross Section -0.656 To 39.66 %



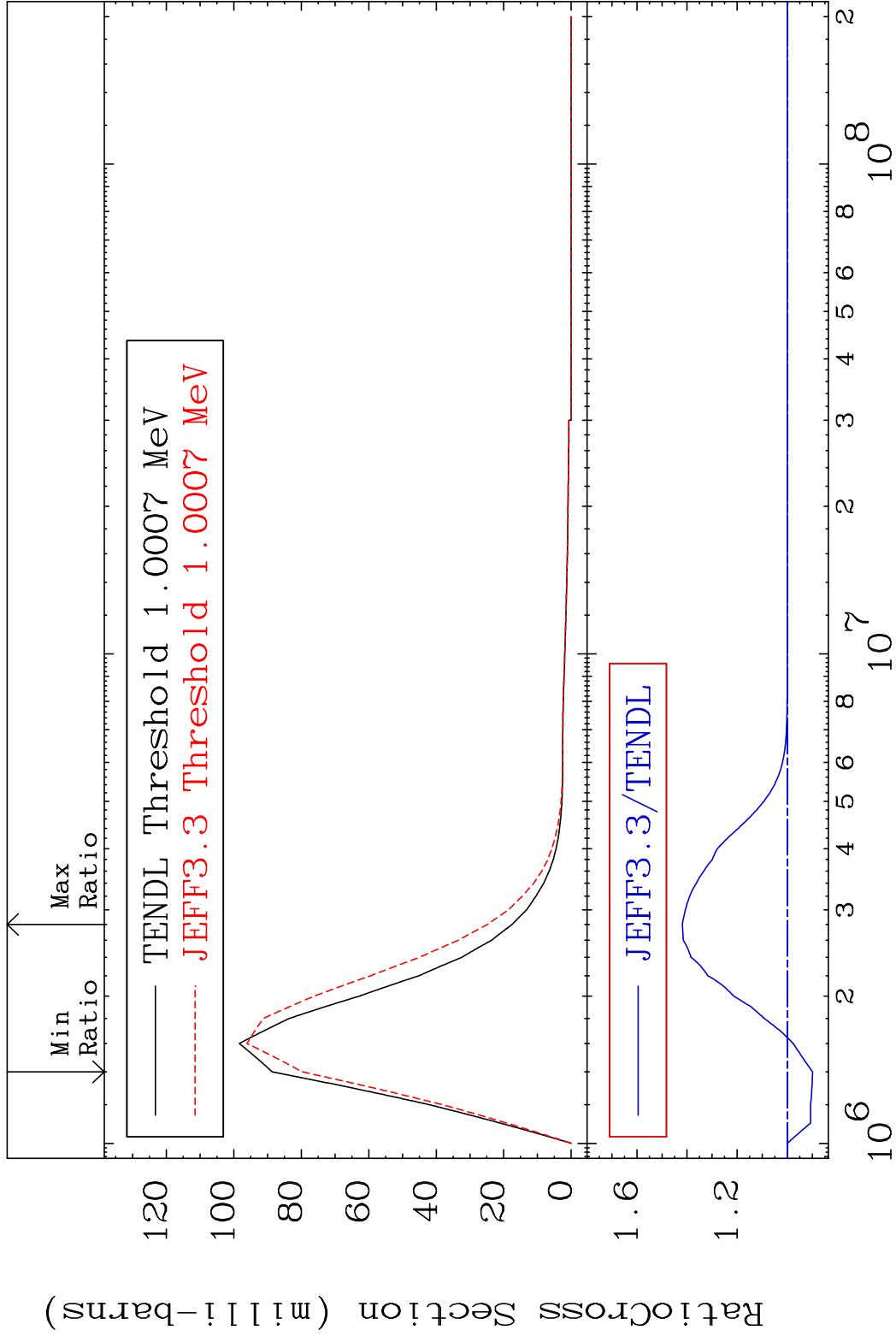
24 Incident Energy (eV) 68-Er-168



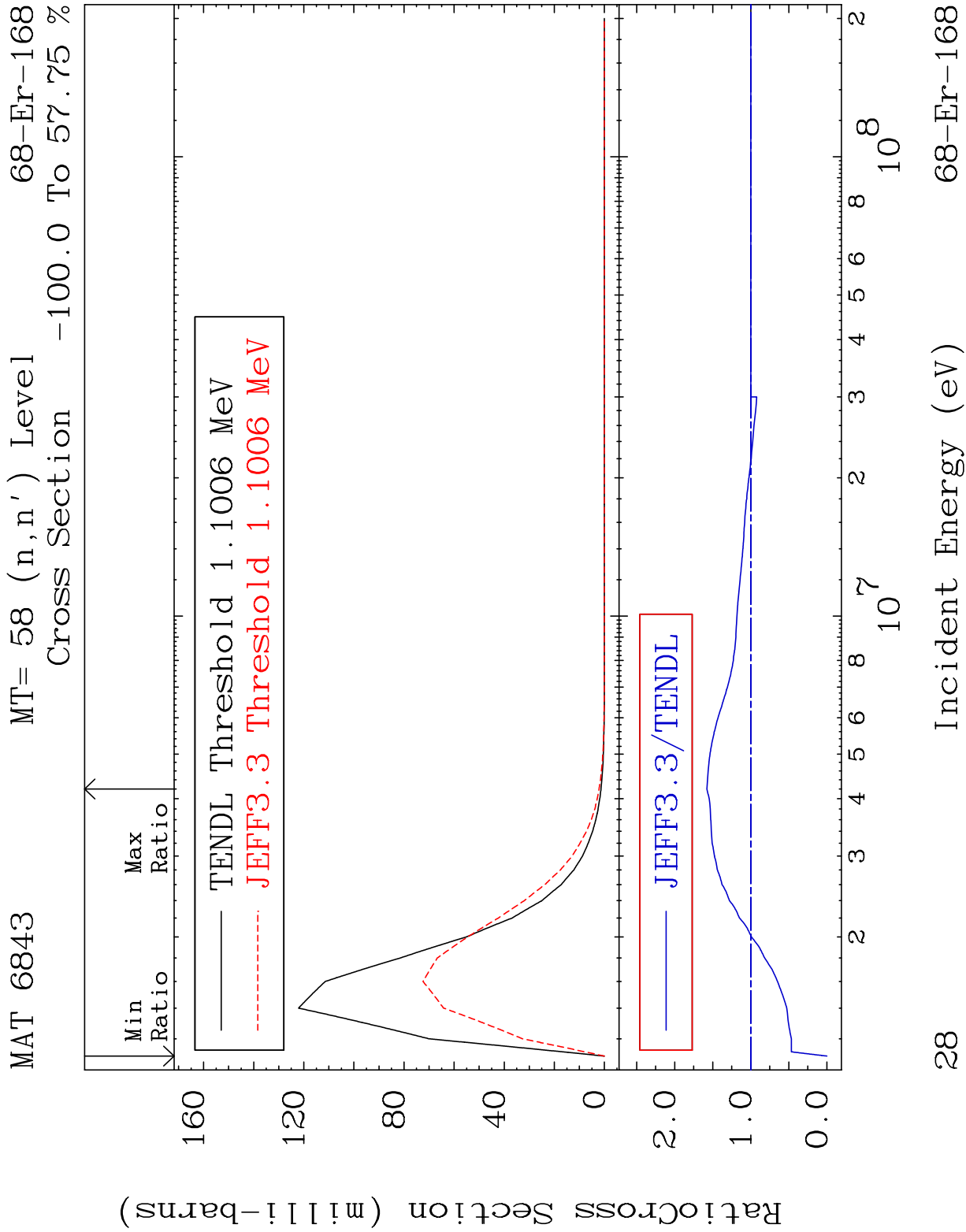
MAT 6843 MT= 56 (n,n') Level 68-Er-168
Cross Section -100.0 To 52.86 %



MAT 6843 MT= 57 (n,n') Level 68-Er-168
Cross Section -10.05 To 41.88 %



27 Incident Energy (eV) 68-Er-168



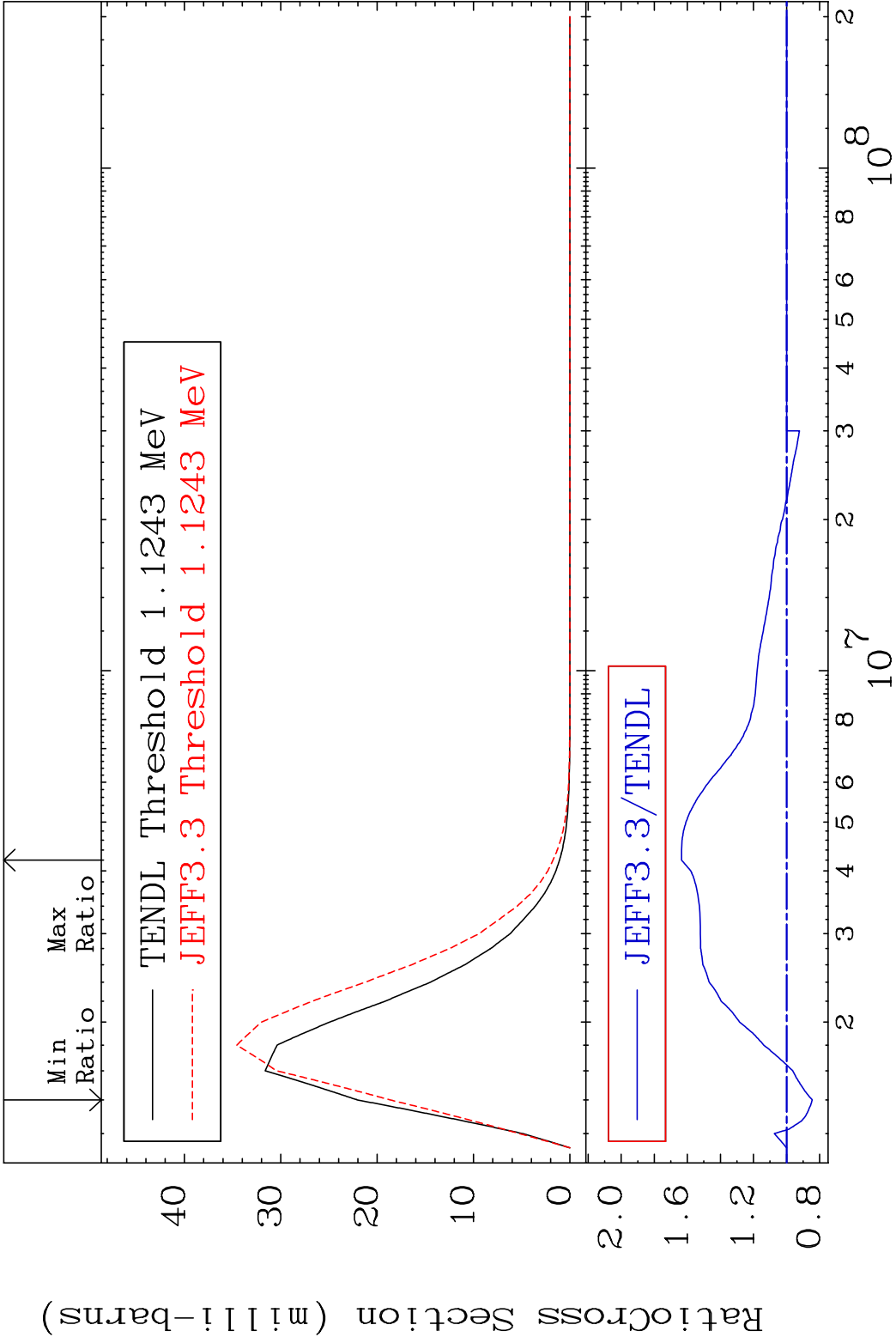
MAT 6843

MT= 59 (n,n') Level

68-Er-168

Cross Section

-15.51 To 63.52 %



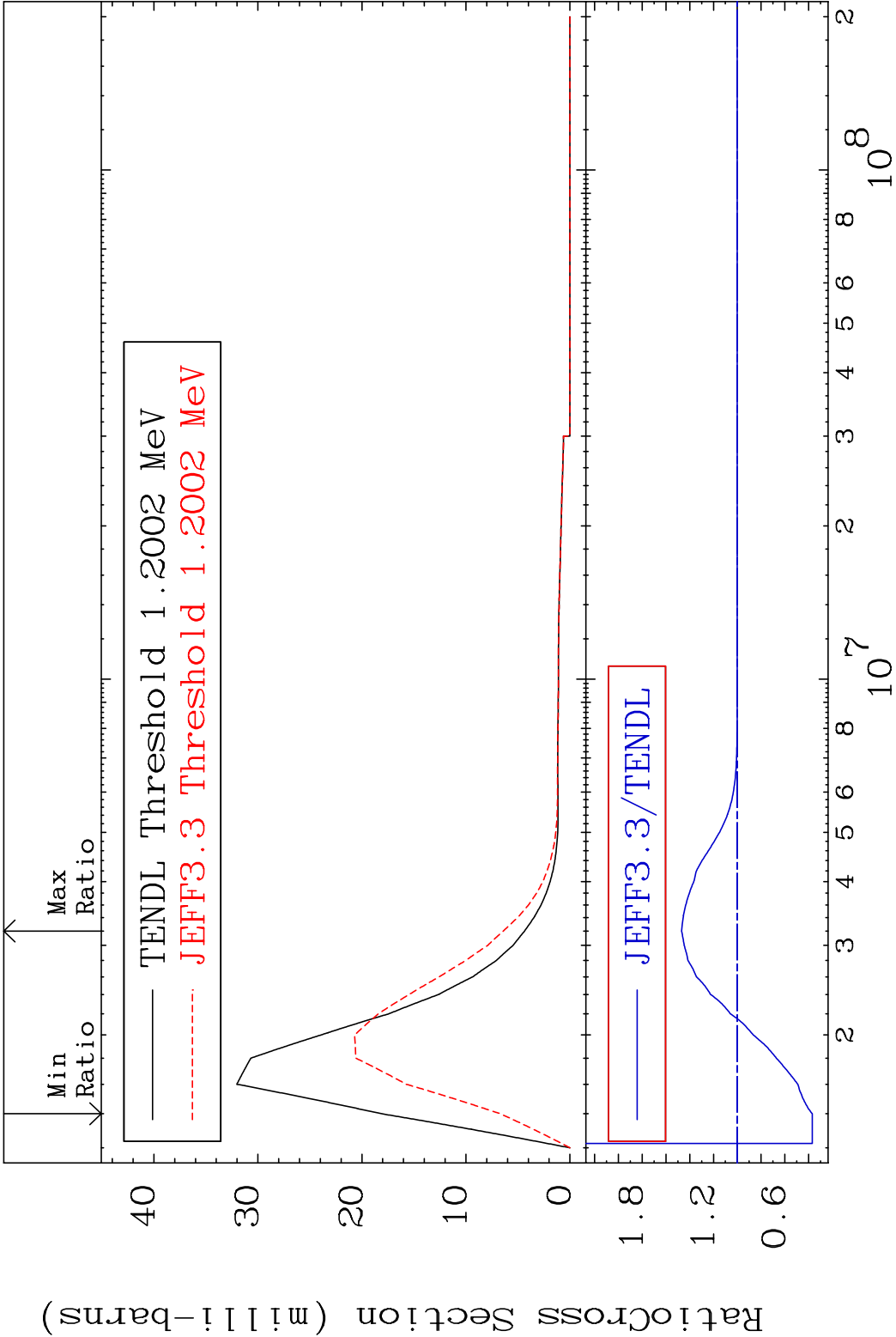
MAT 6843

MT= 60 (n,n') Level

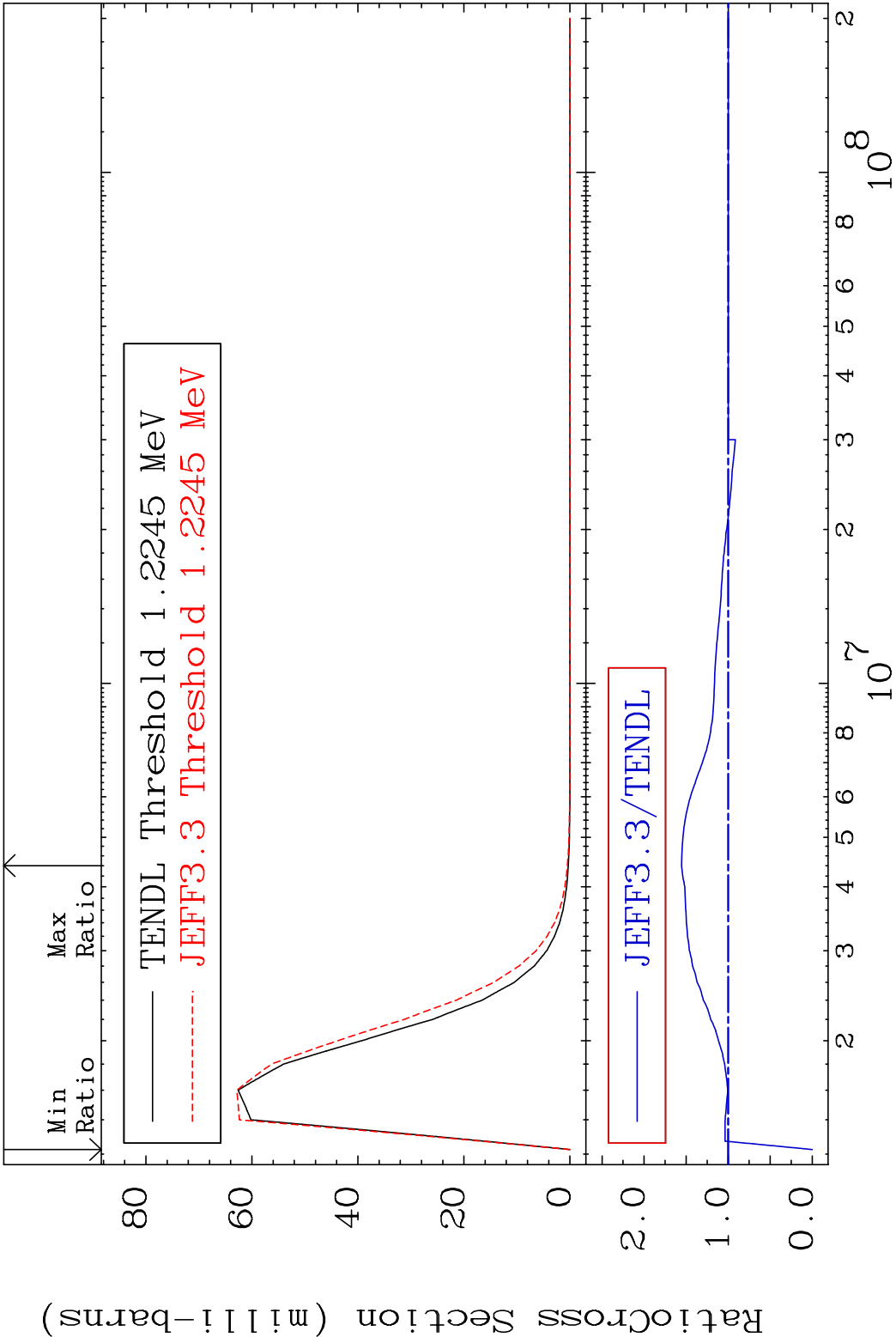
68-Er-168

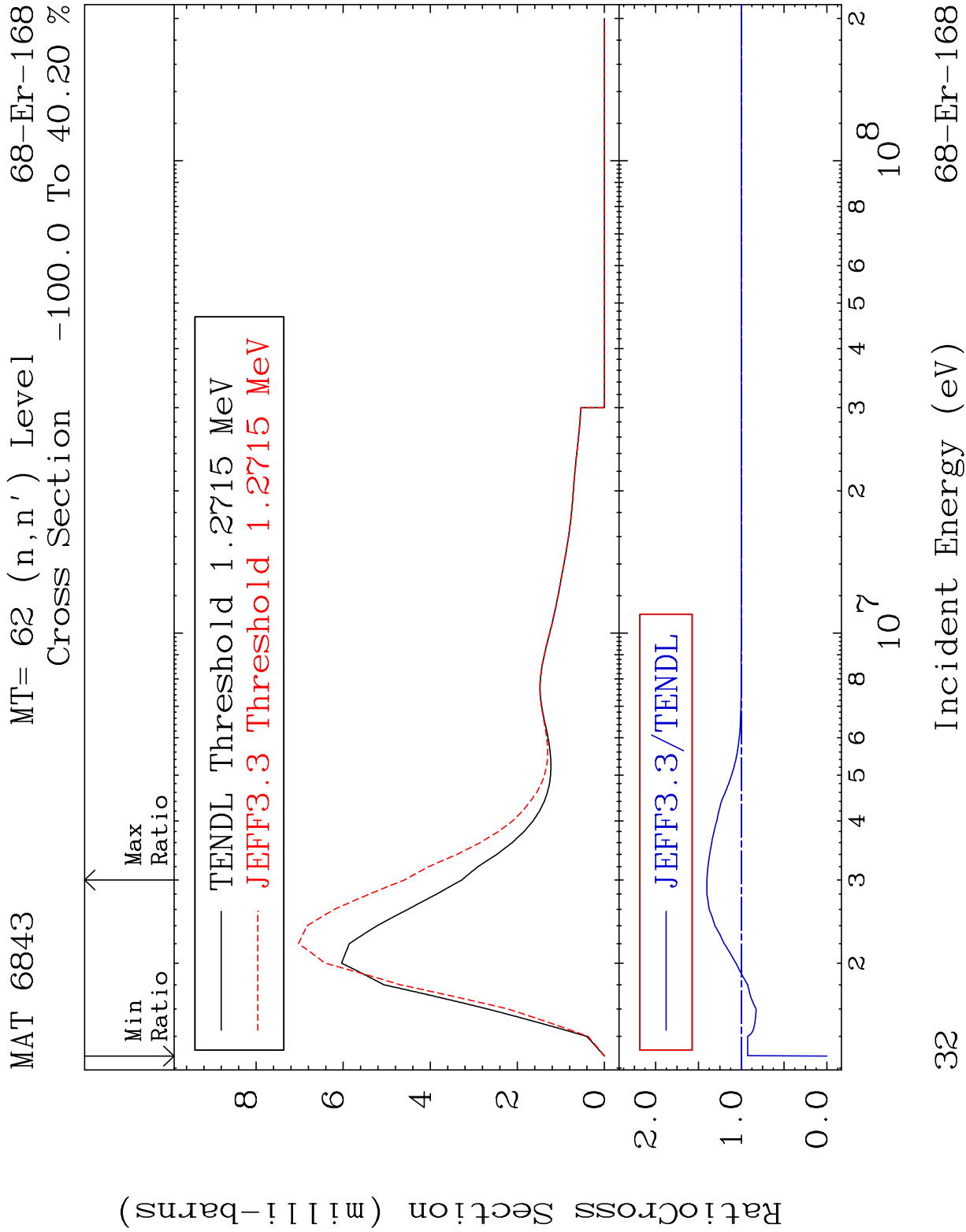
Cross Section

-63.06 To 46.90 %



MAT 6843 MT= 61 (n,n') Level 68-Er-168
 Cross Section -100.0 To 55.46 %





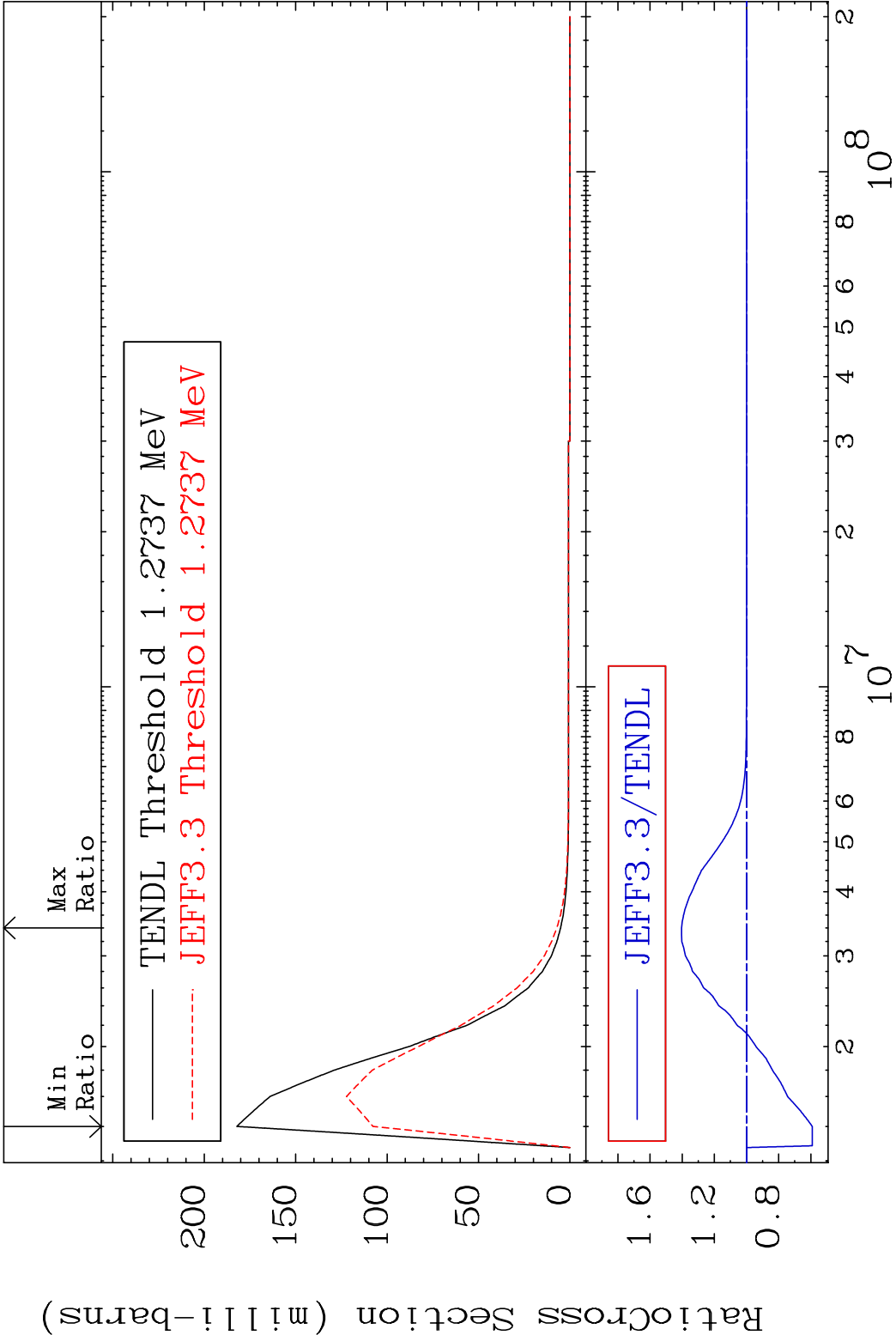
MAT 6843

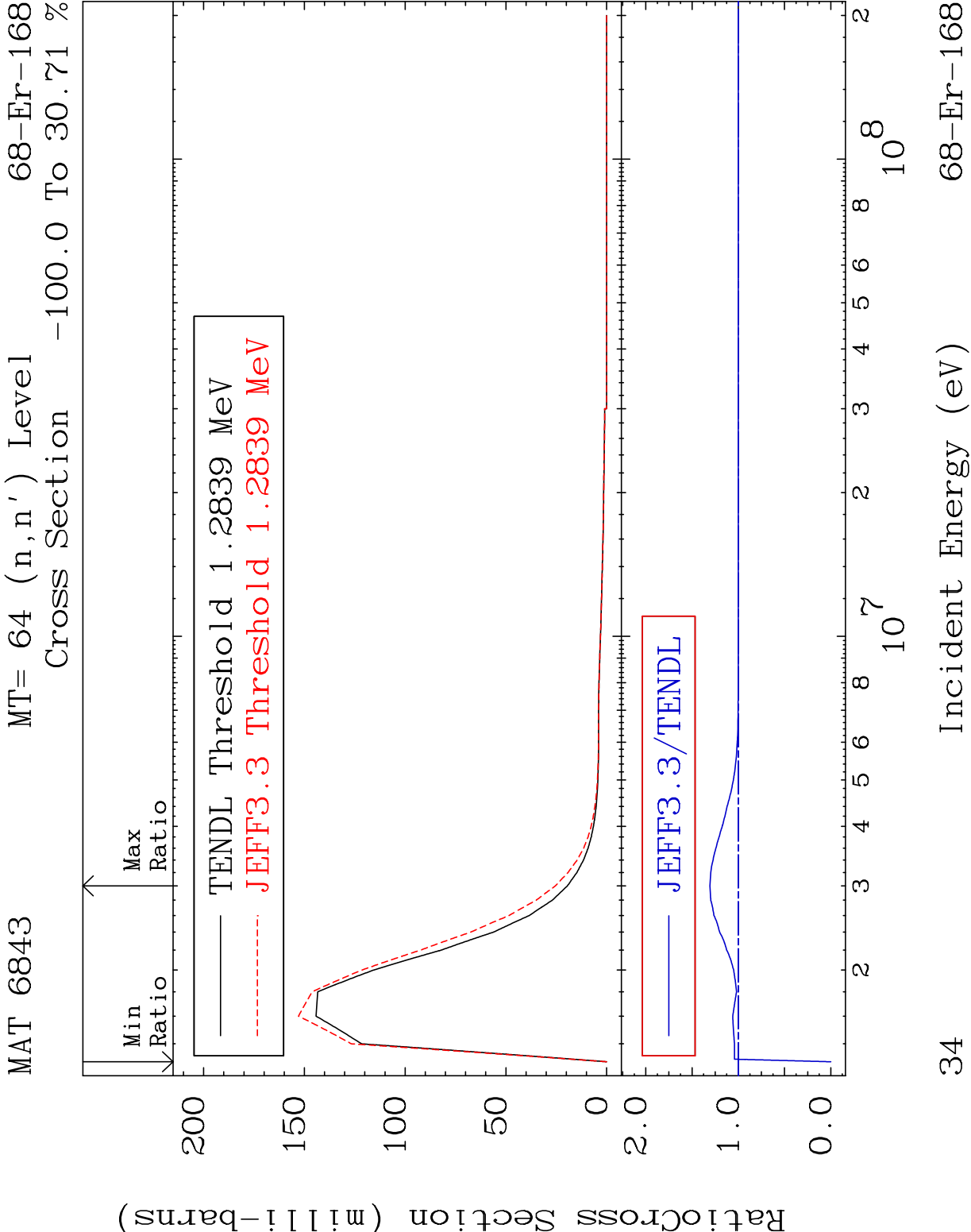
MT= 63 (n,n') Level

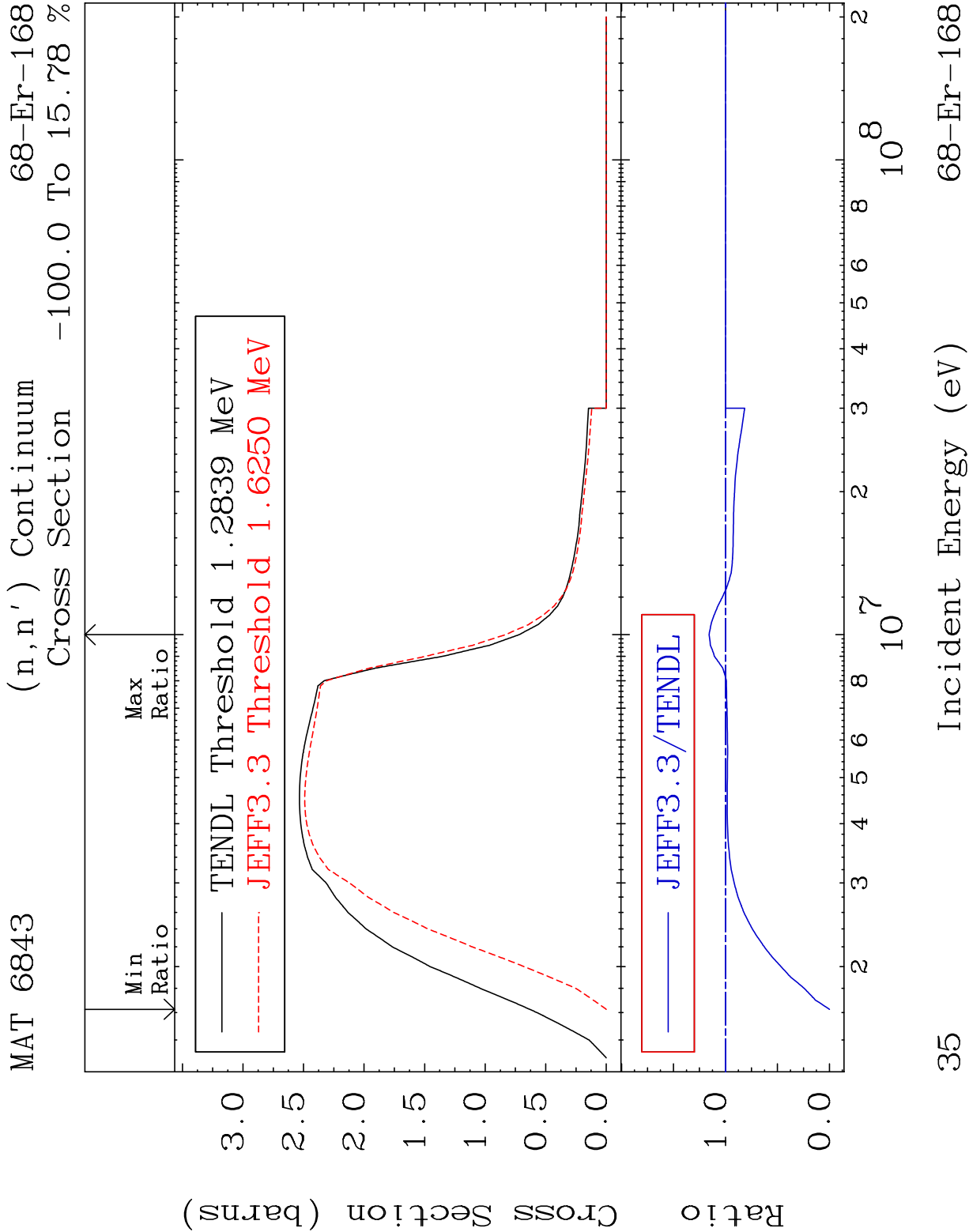
68-Er-168

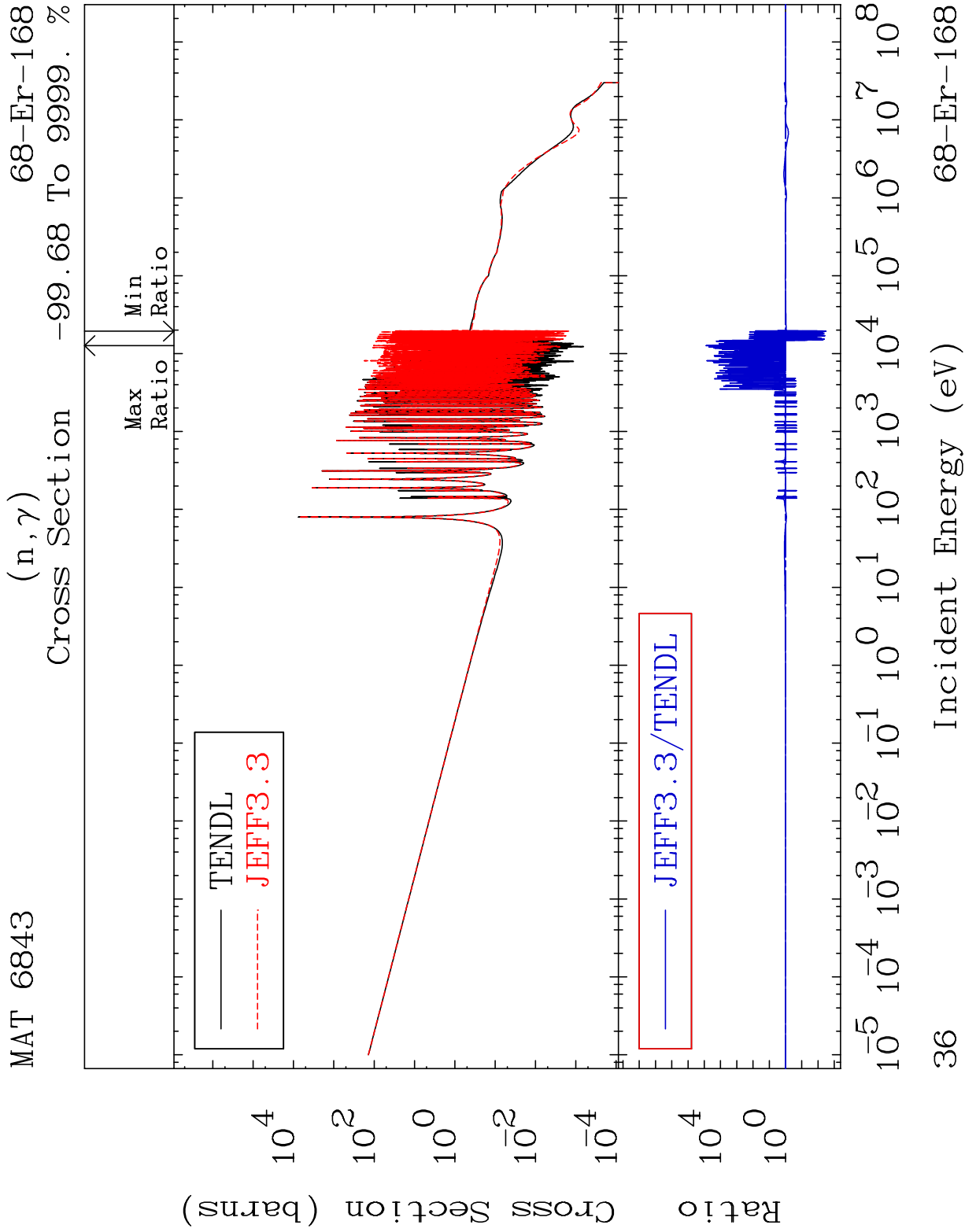
Cross Section

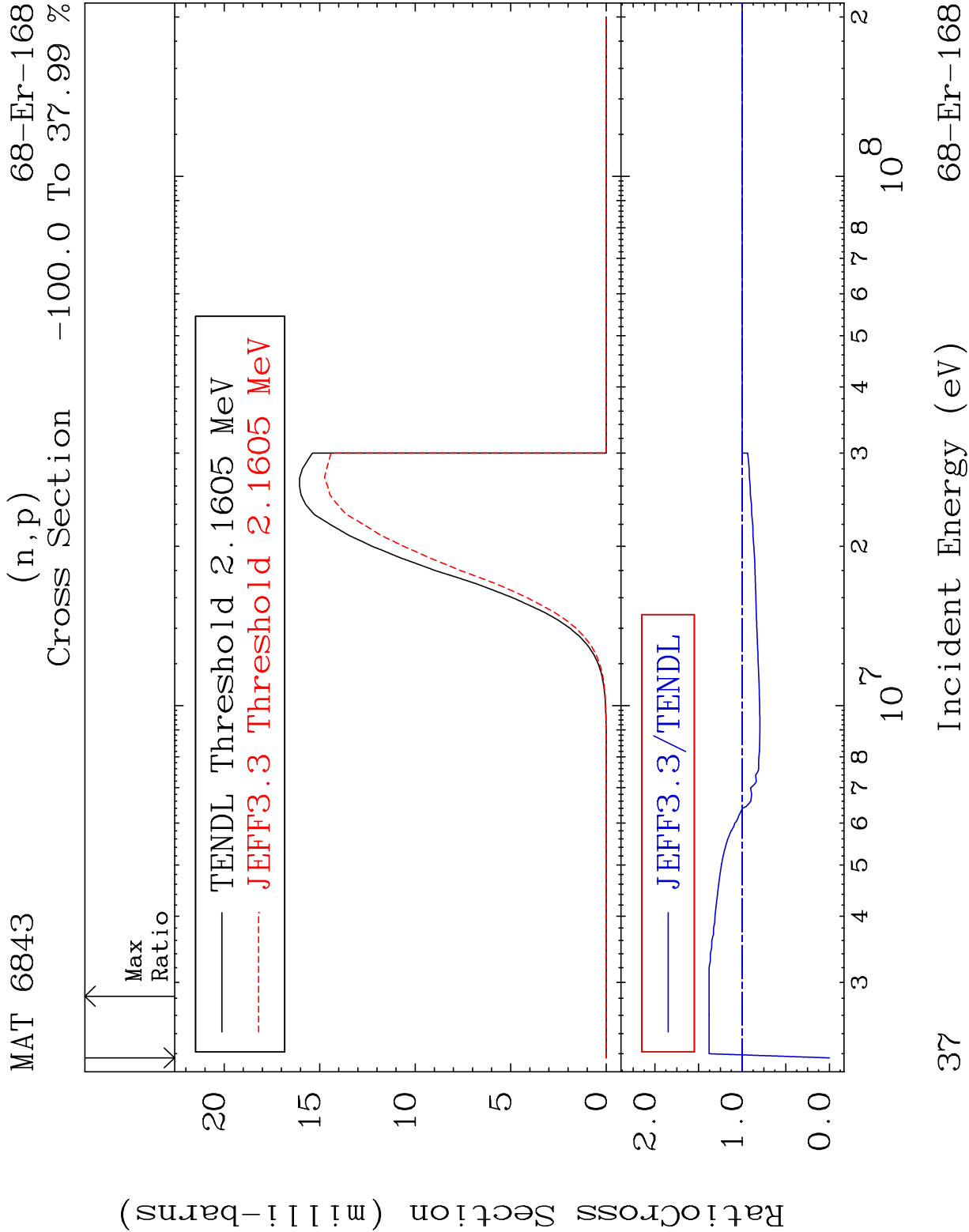
-40.88 To 40.41 %

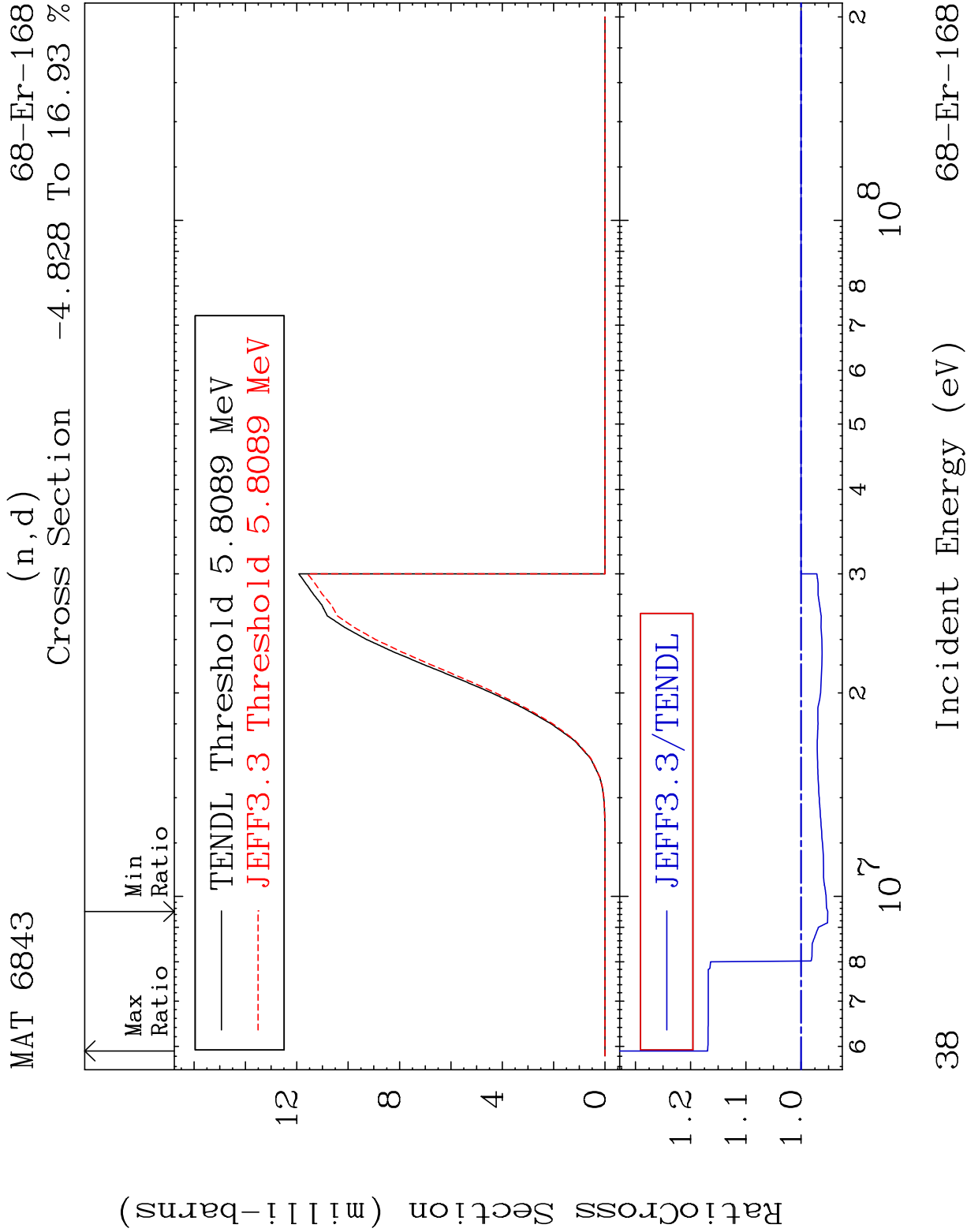


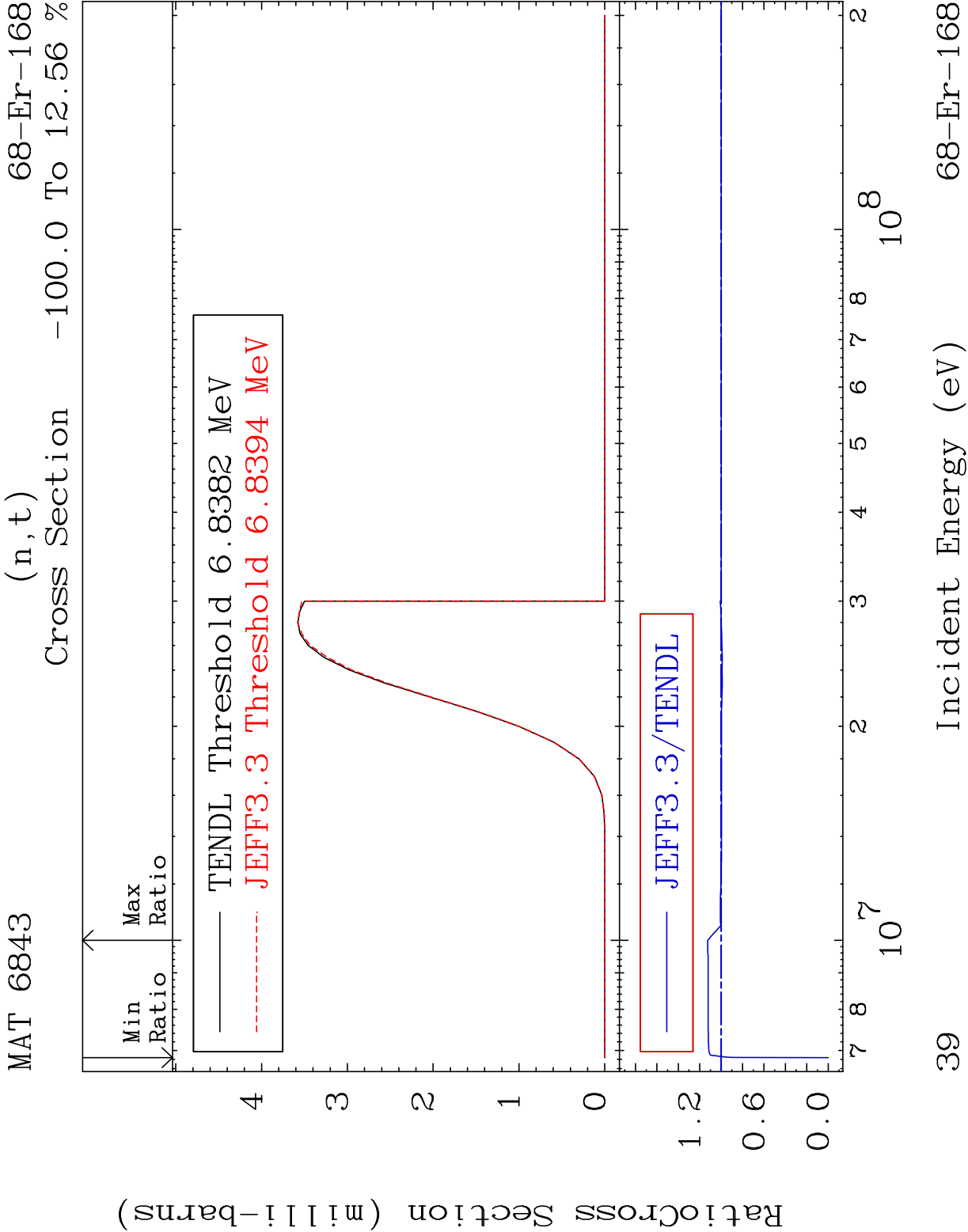


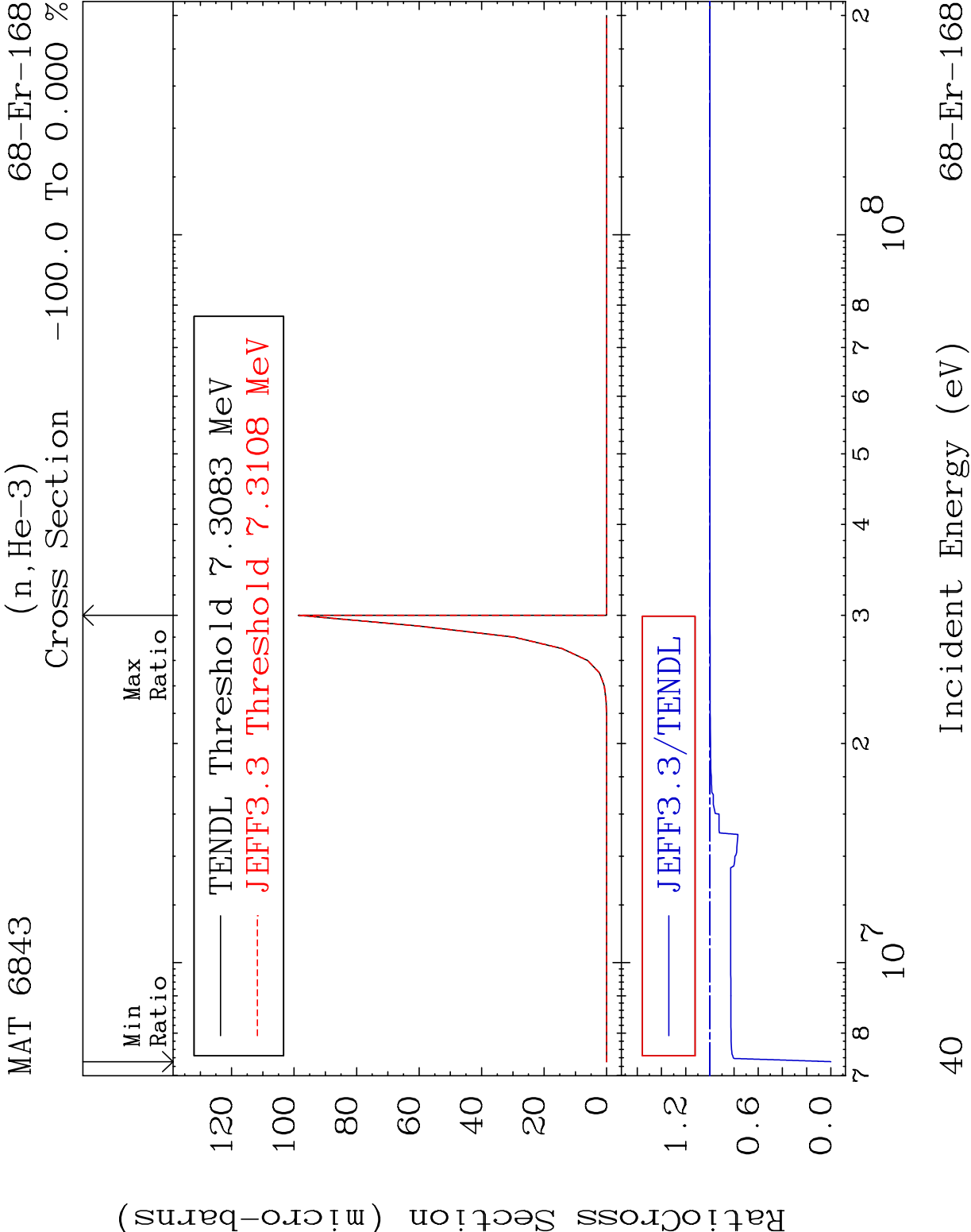


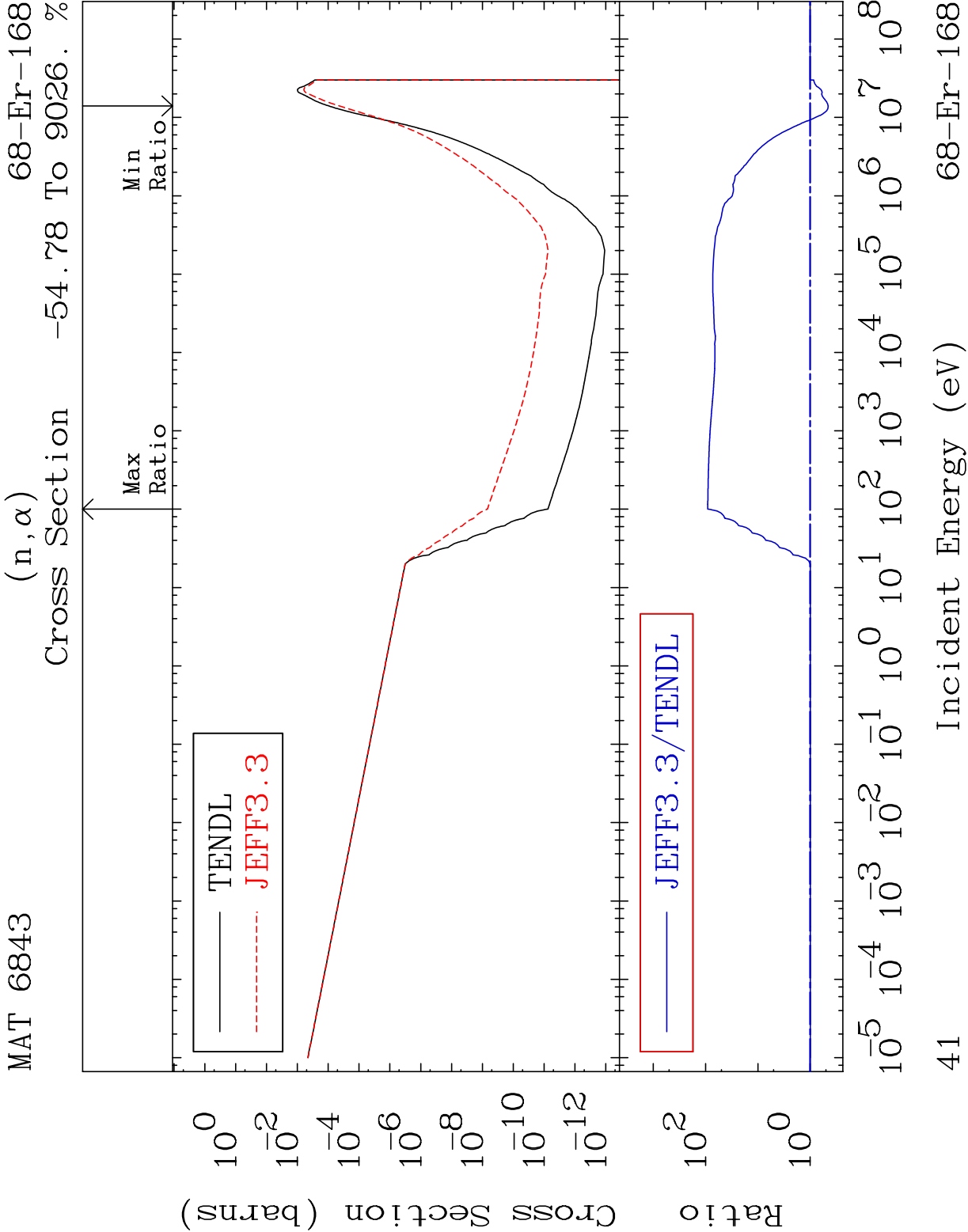


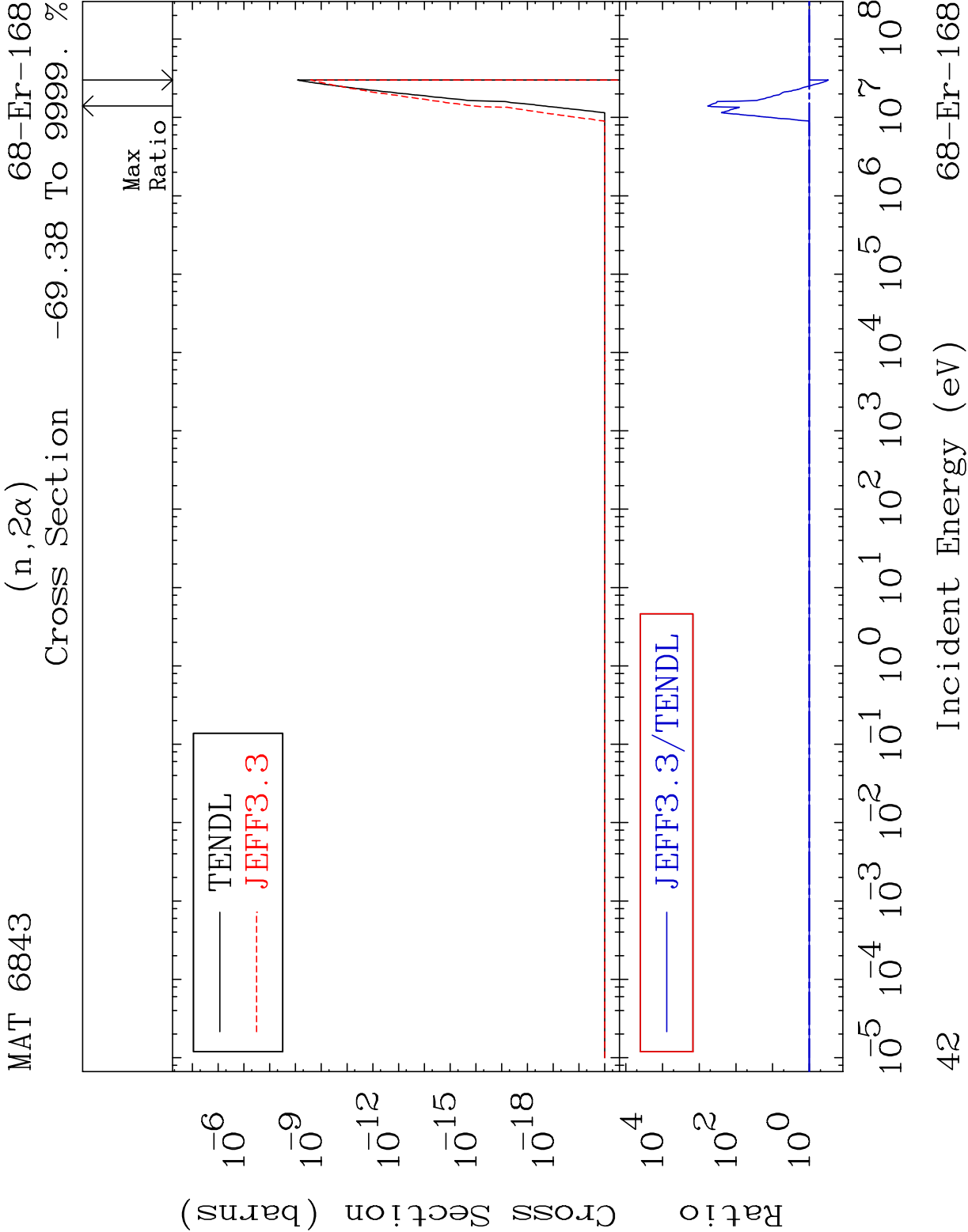


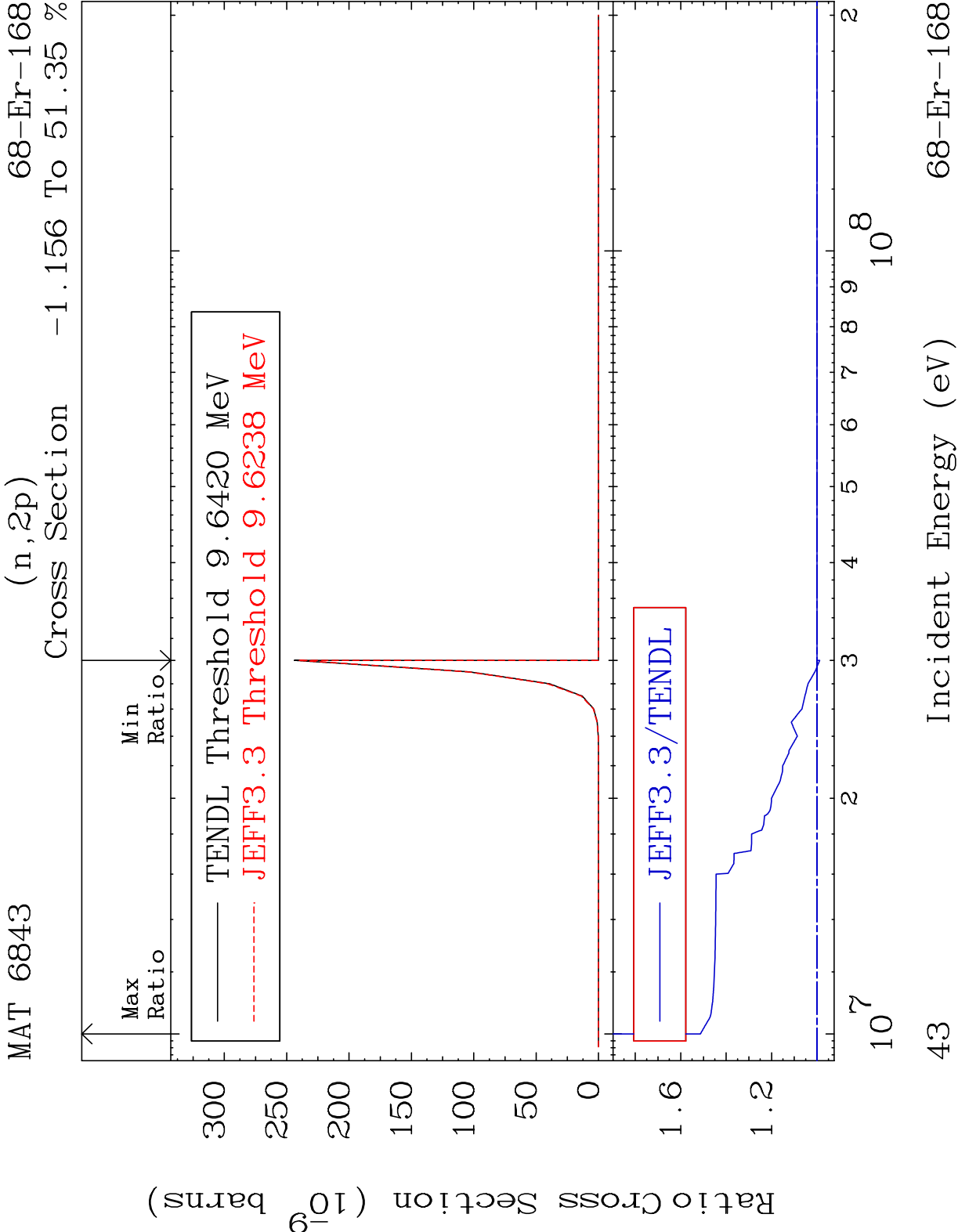


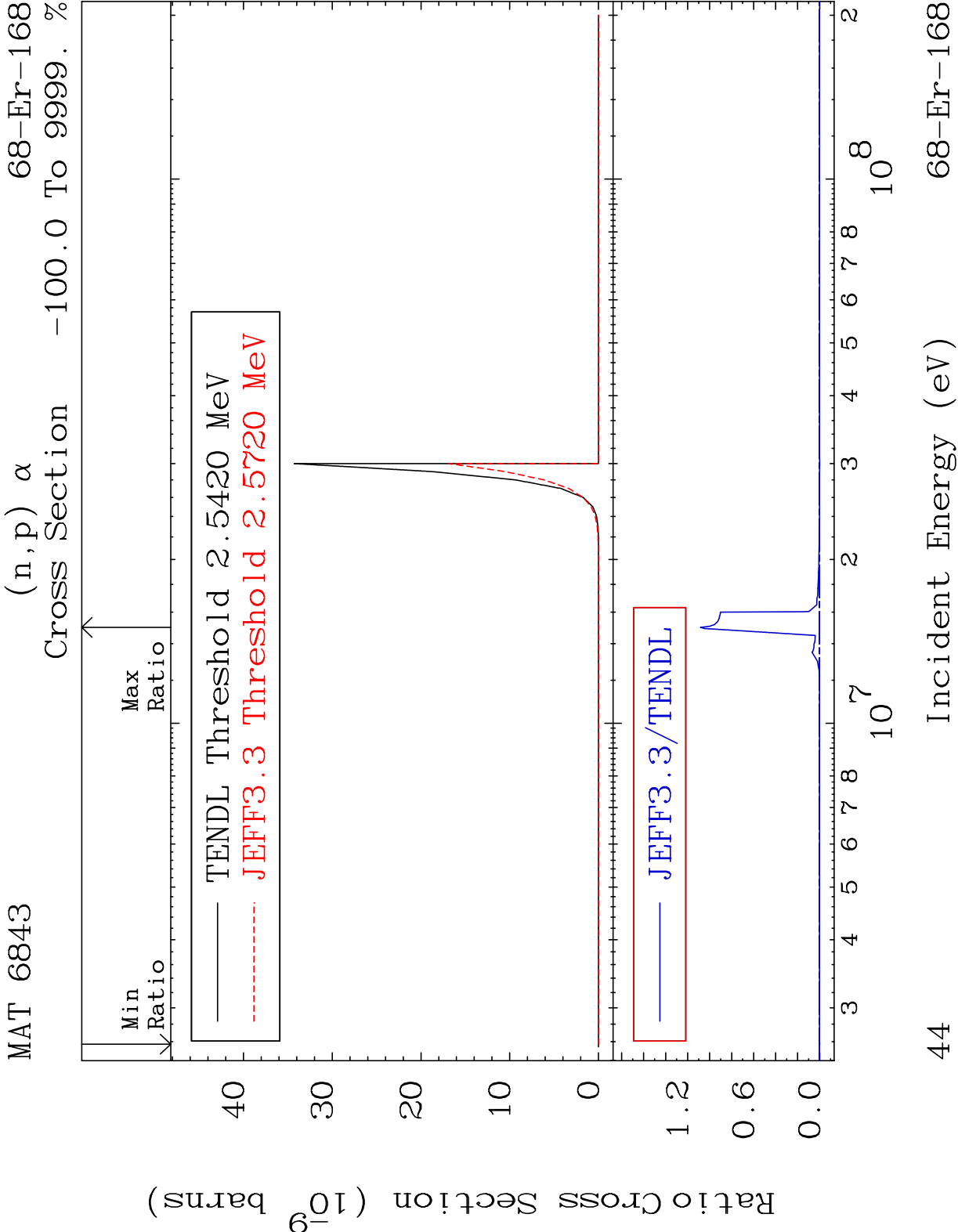


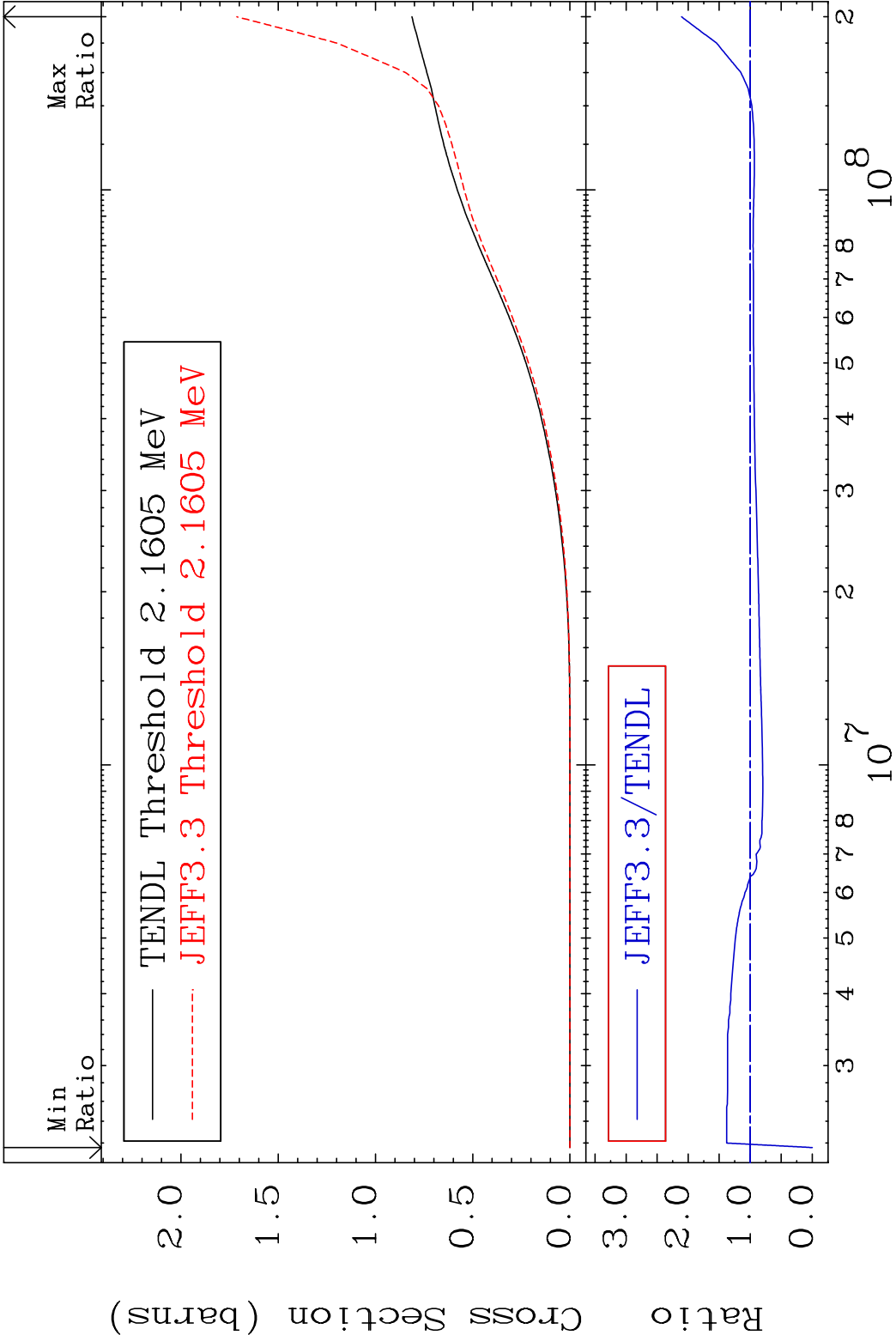


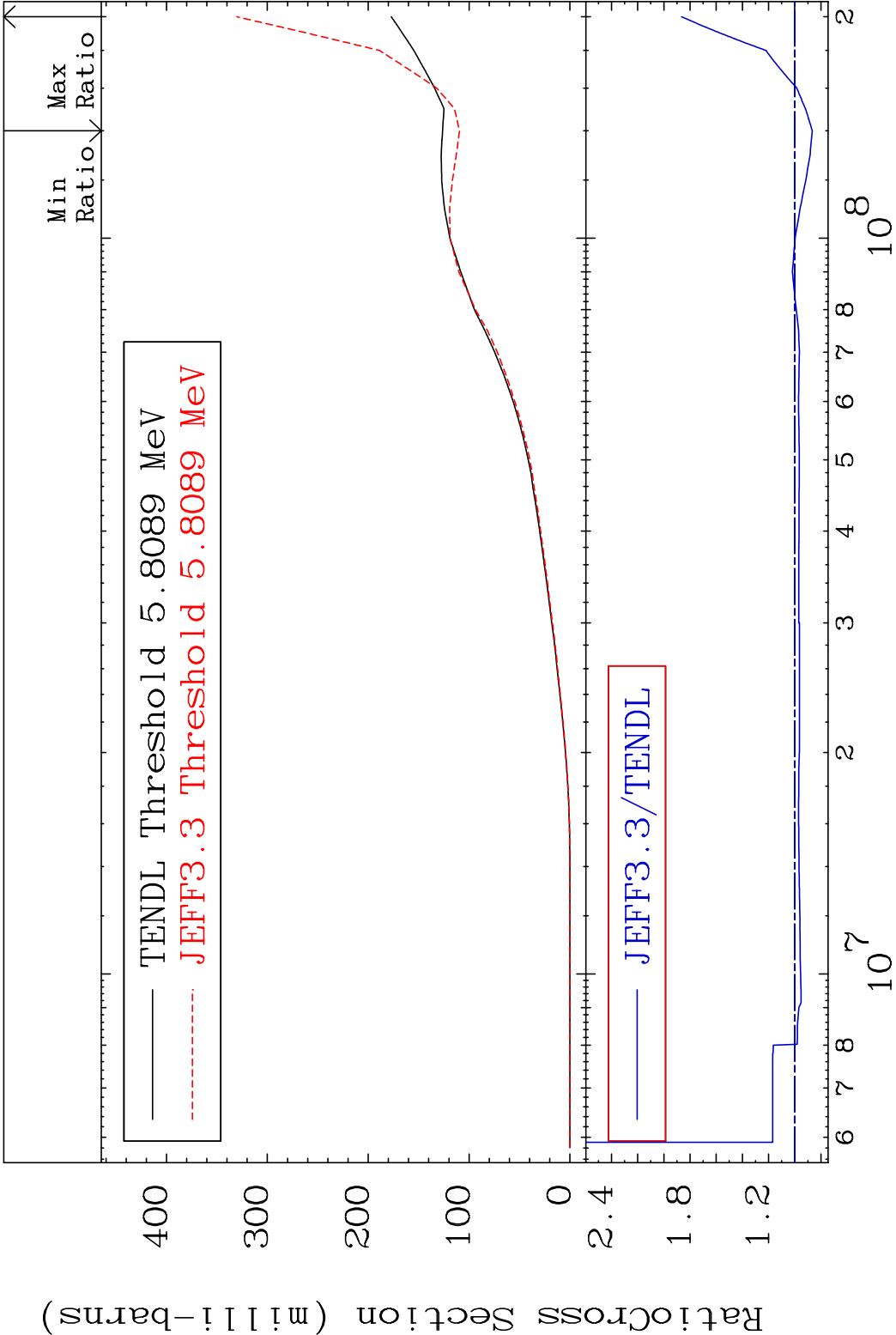


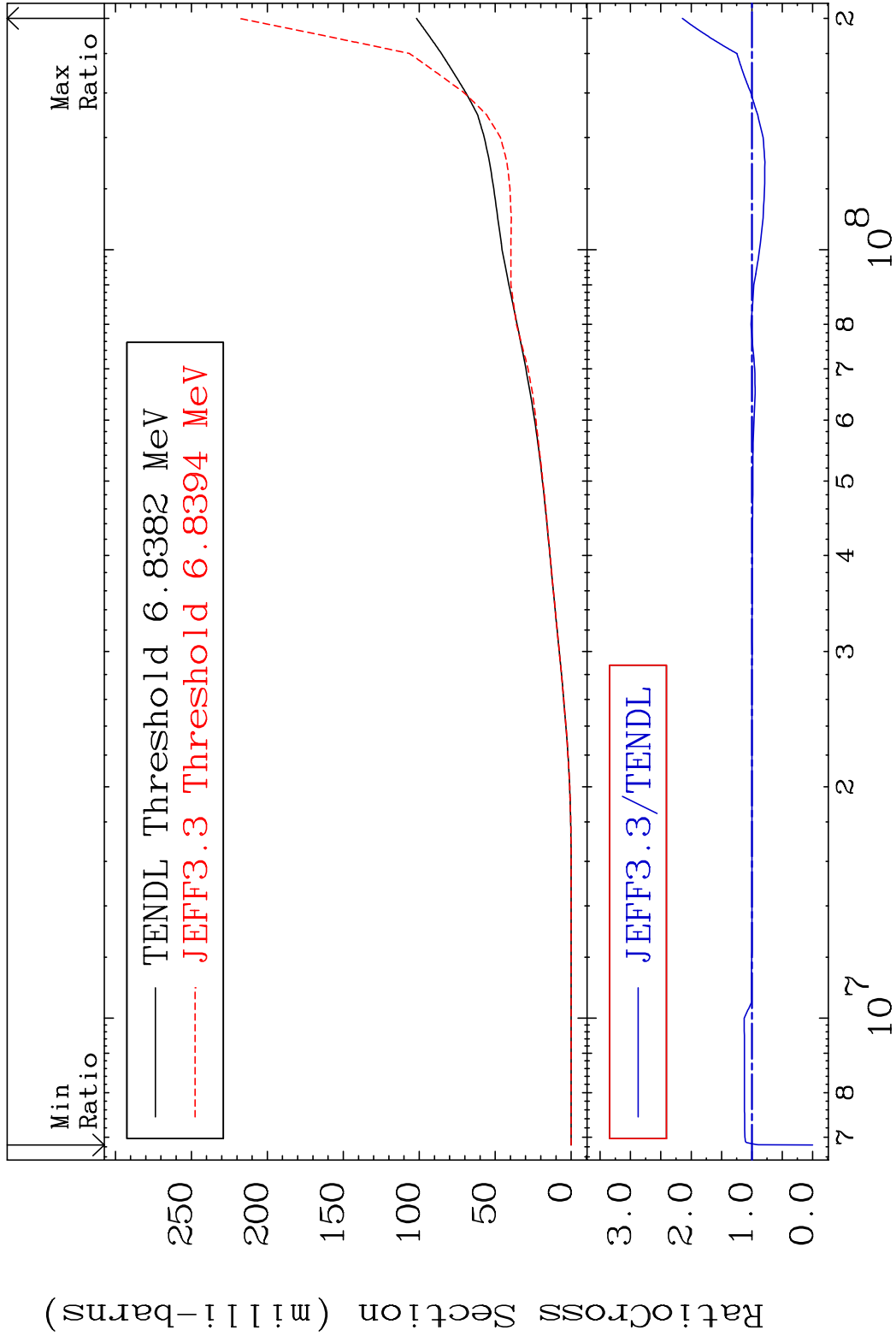


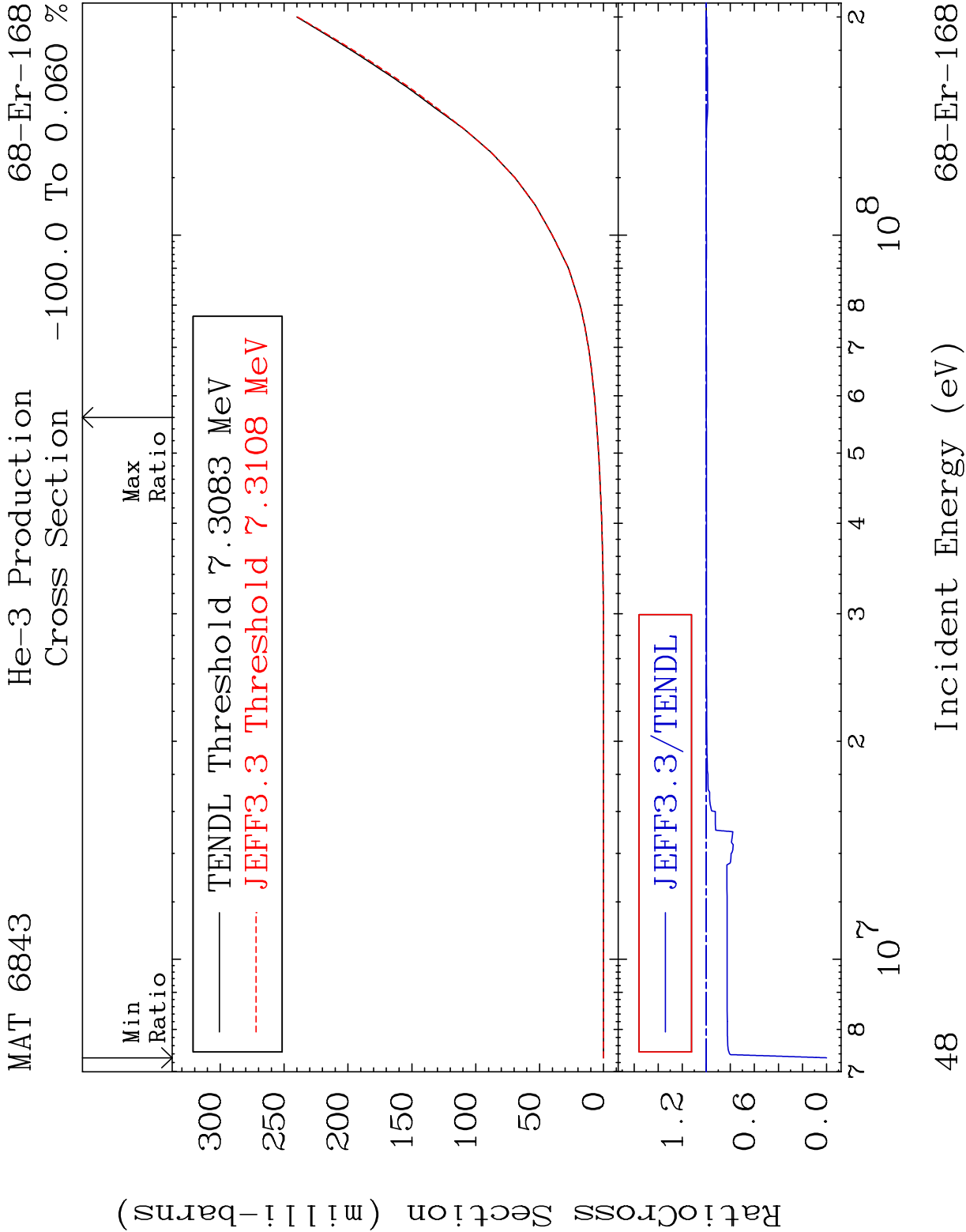




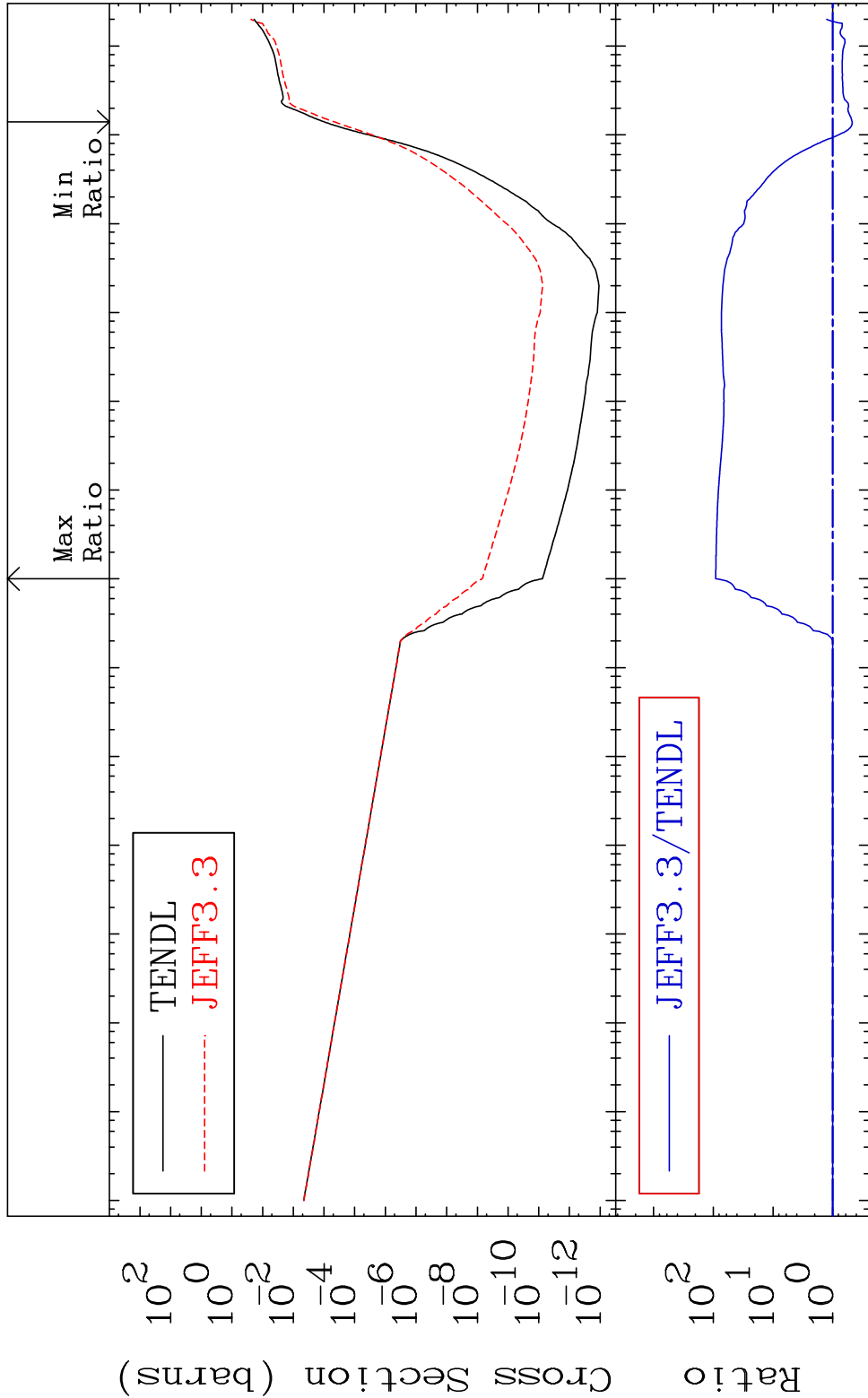




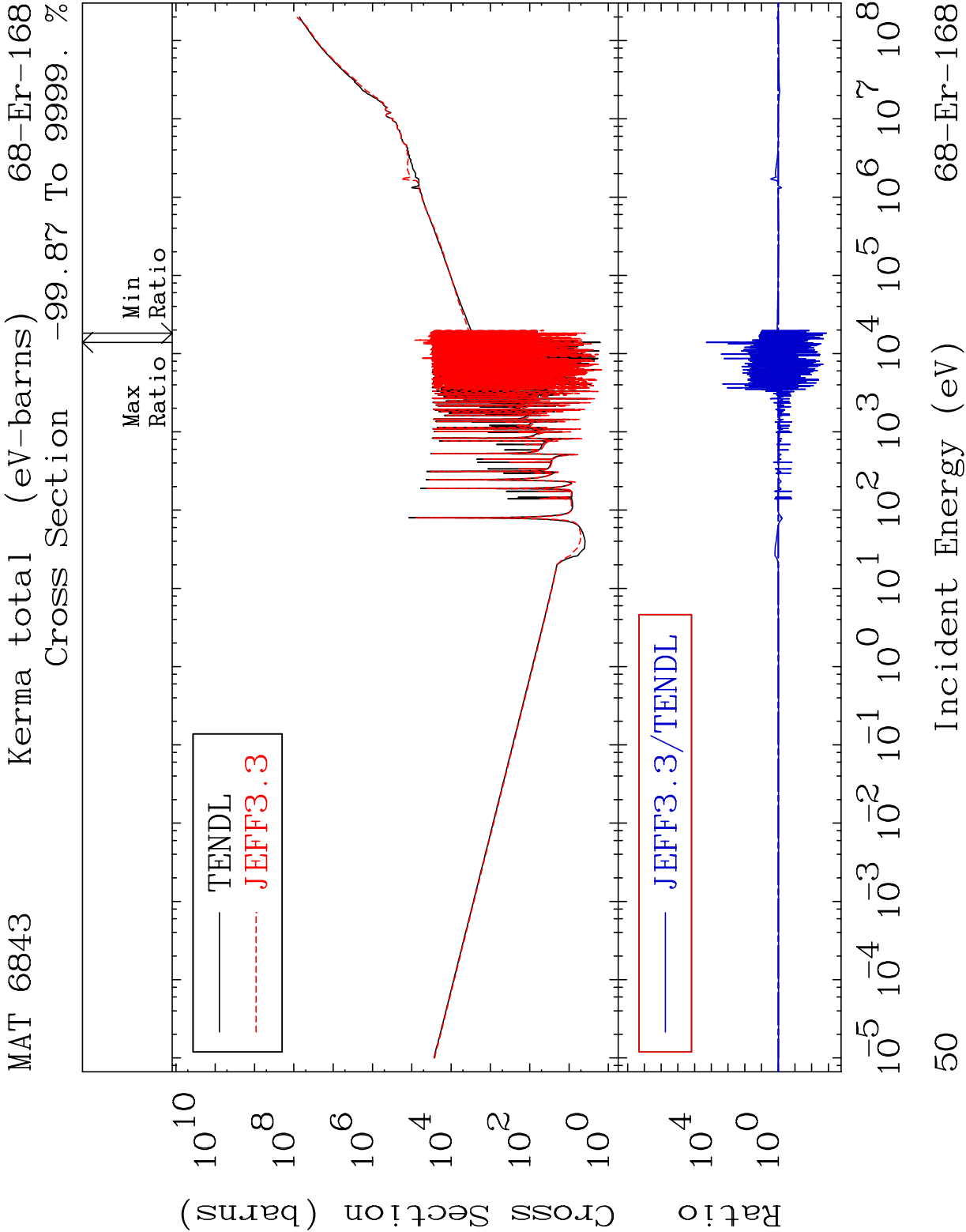


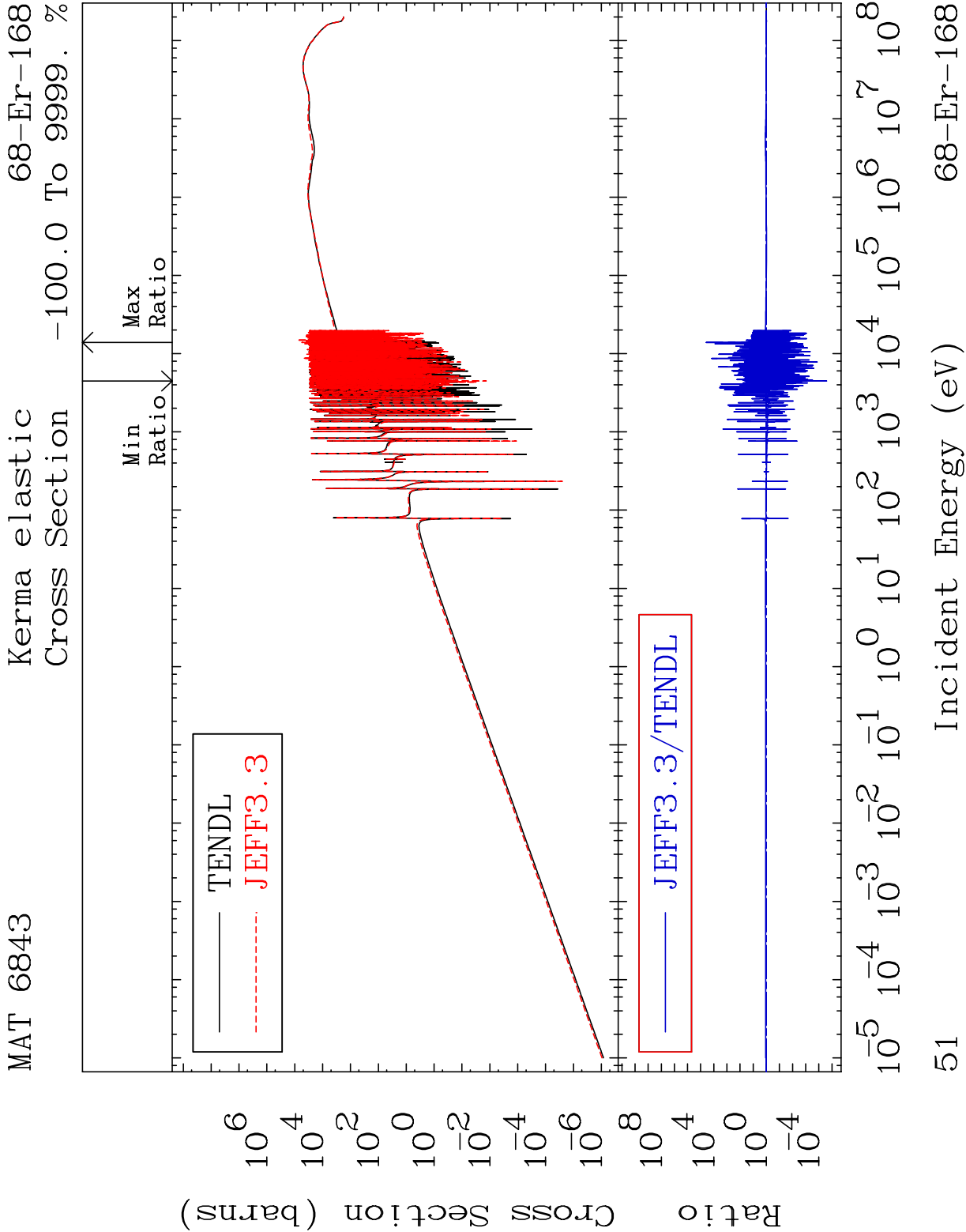


MAT 6843 He-4 Production 68-Er-168
Cross Section -52.93 To 9026. %

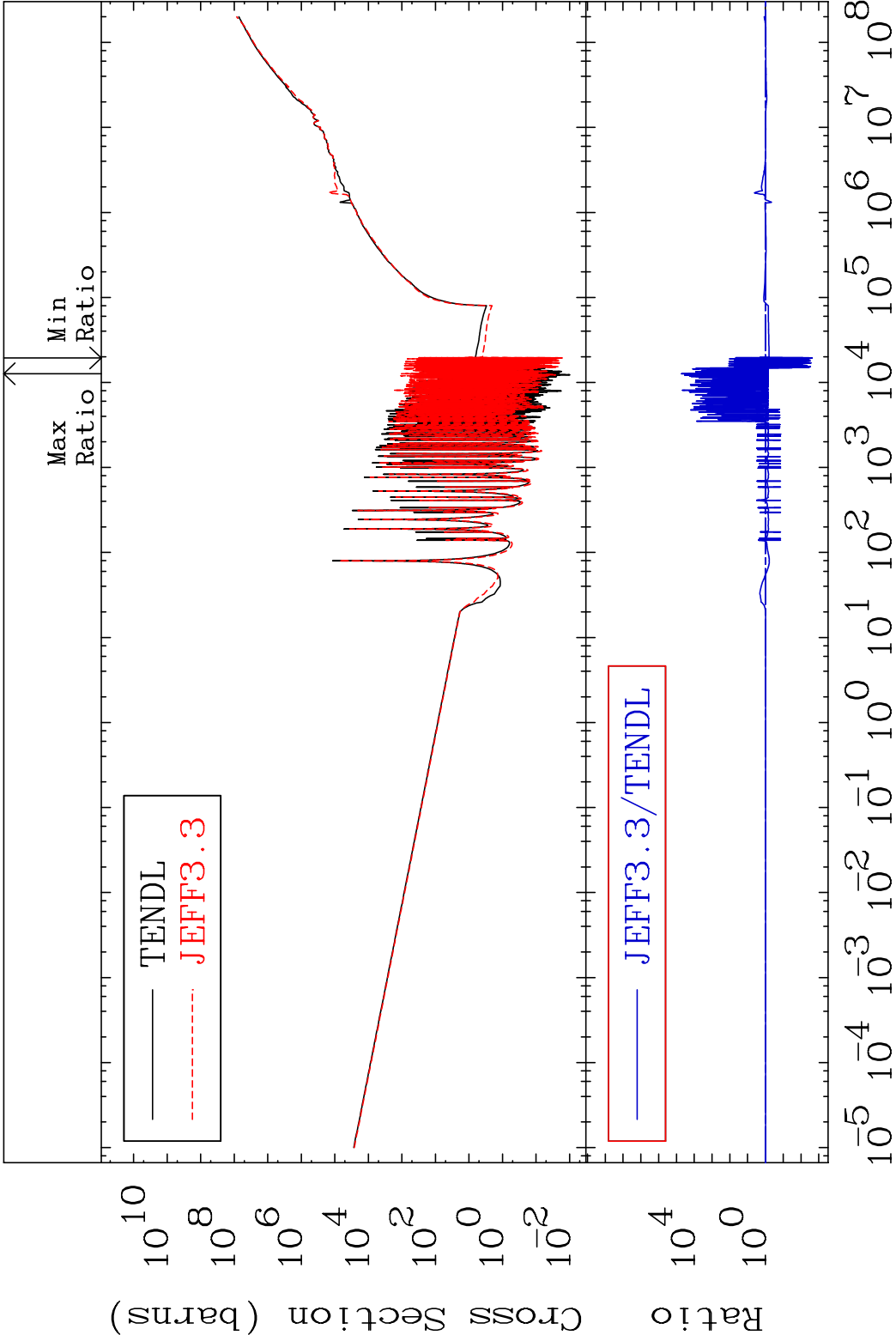


49 Incident Energy (eV) 68-Er-168

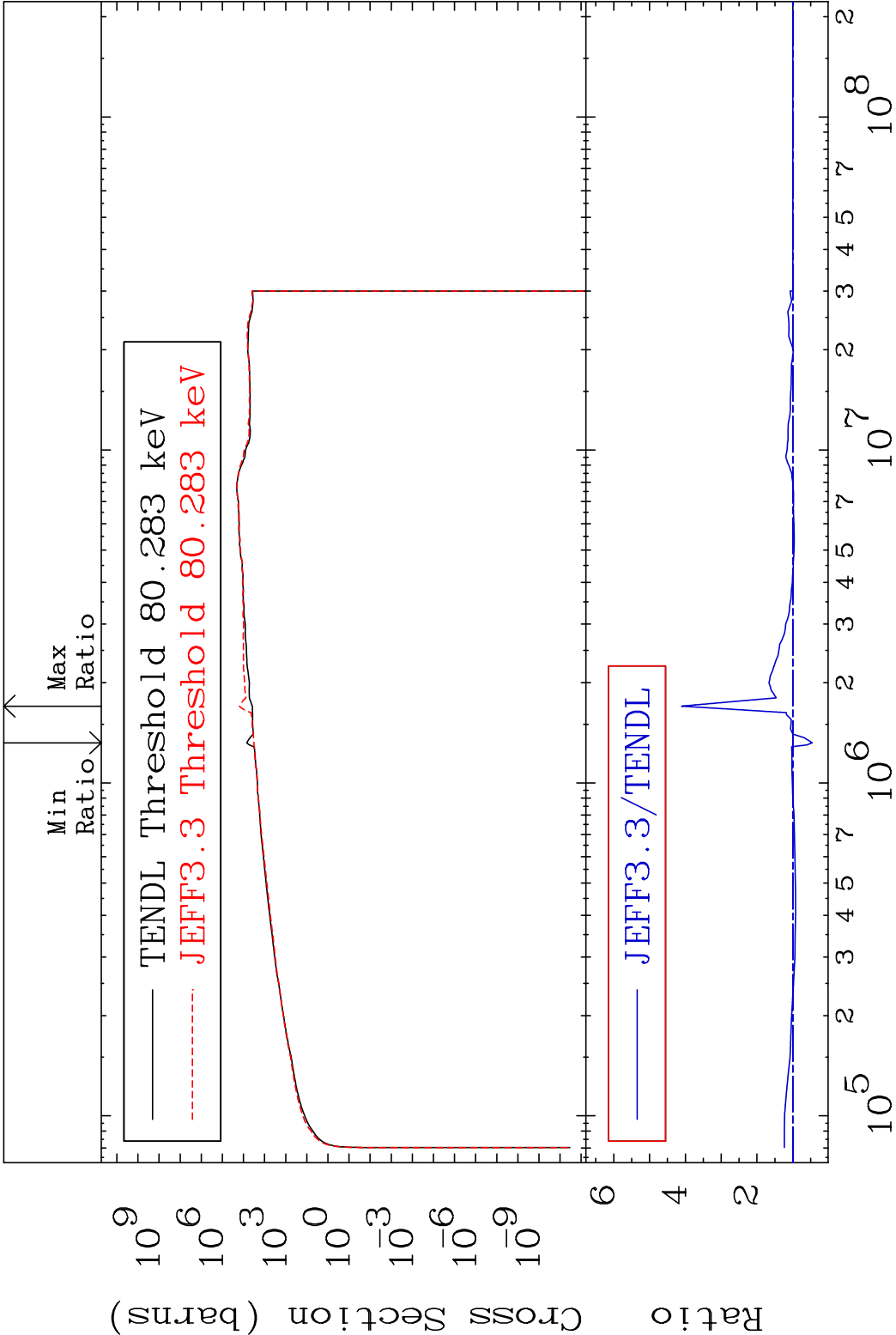




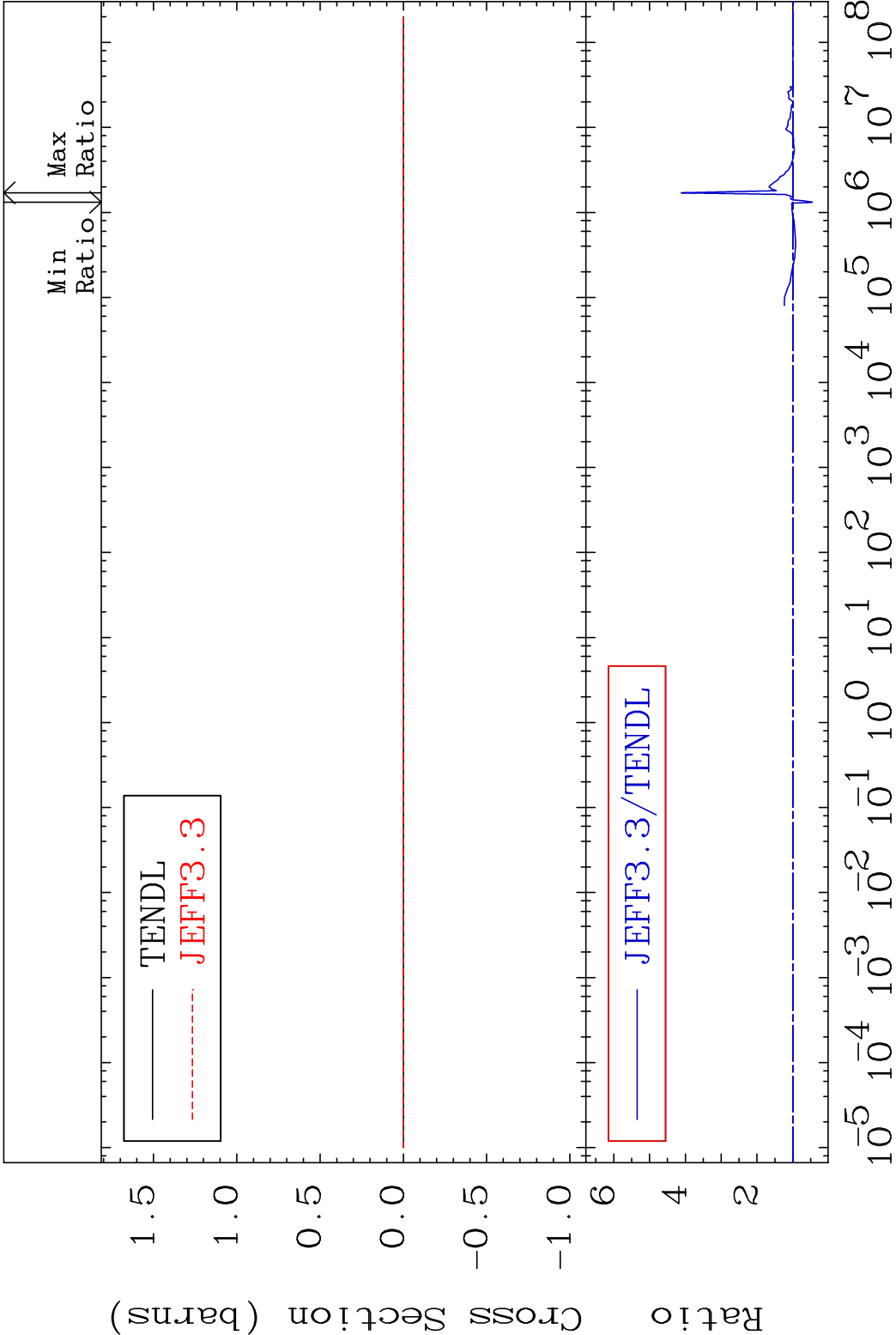
MAT 6843 Kerma non-elastic (all but mt2) 68-Er-168
Cross Section -99.77 To 9999. %



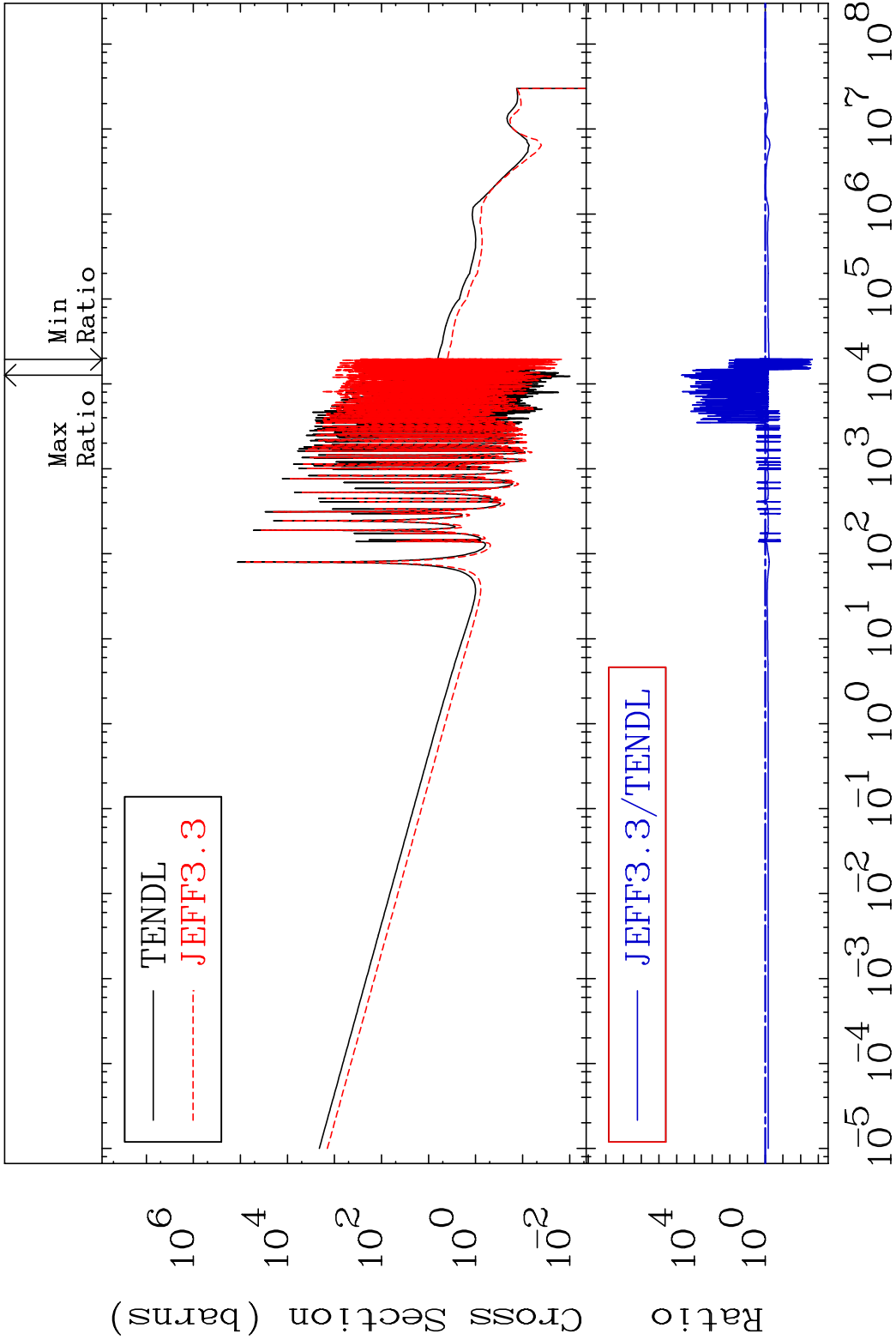
52 Incident Energy (eV) 68-Er-168



MAT 6843Kerma fission (mt18 or mt19-20-21-38)68-Er-168
Cross Section -54.32 To 310.7 %

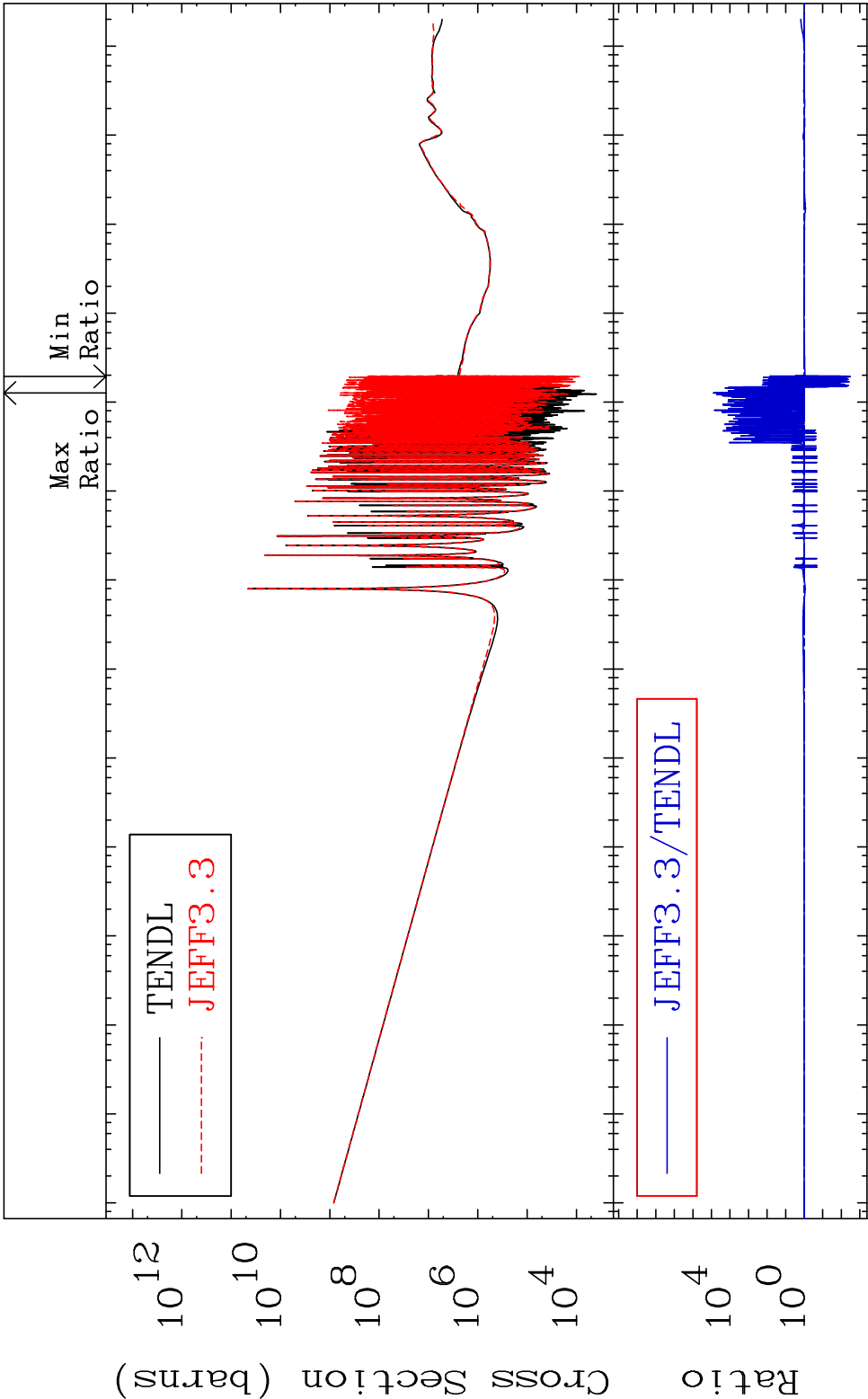


MAT 6843 Kerma capture (mt102) 68-Er-168
Cross Section -99.78 To 9999. %



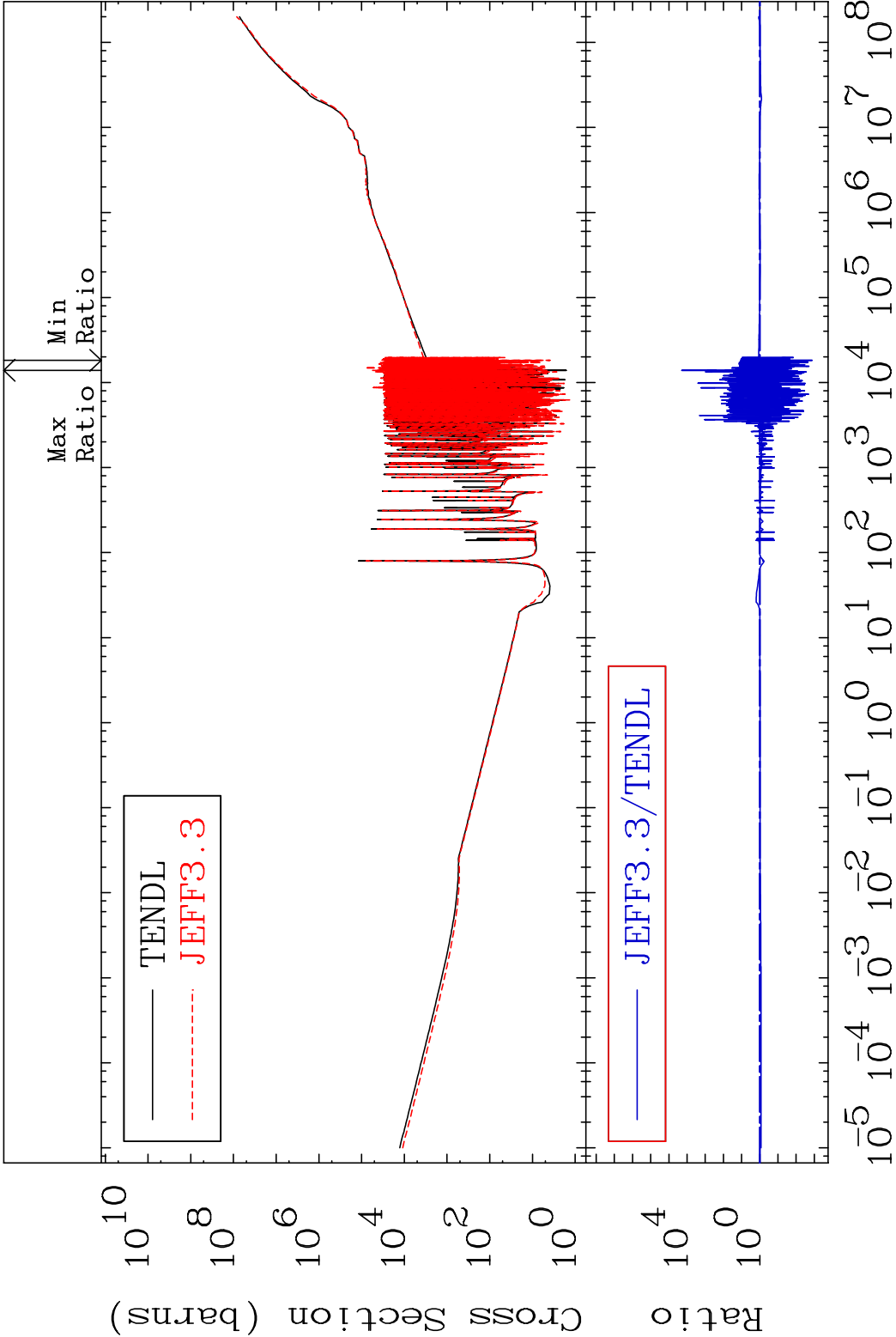
55 Incident Energy (eV) 68-Er-168

MAT 6843 Total photon (eV-barns) 68-Er-168
Cross Section -99.68 To 9999. %

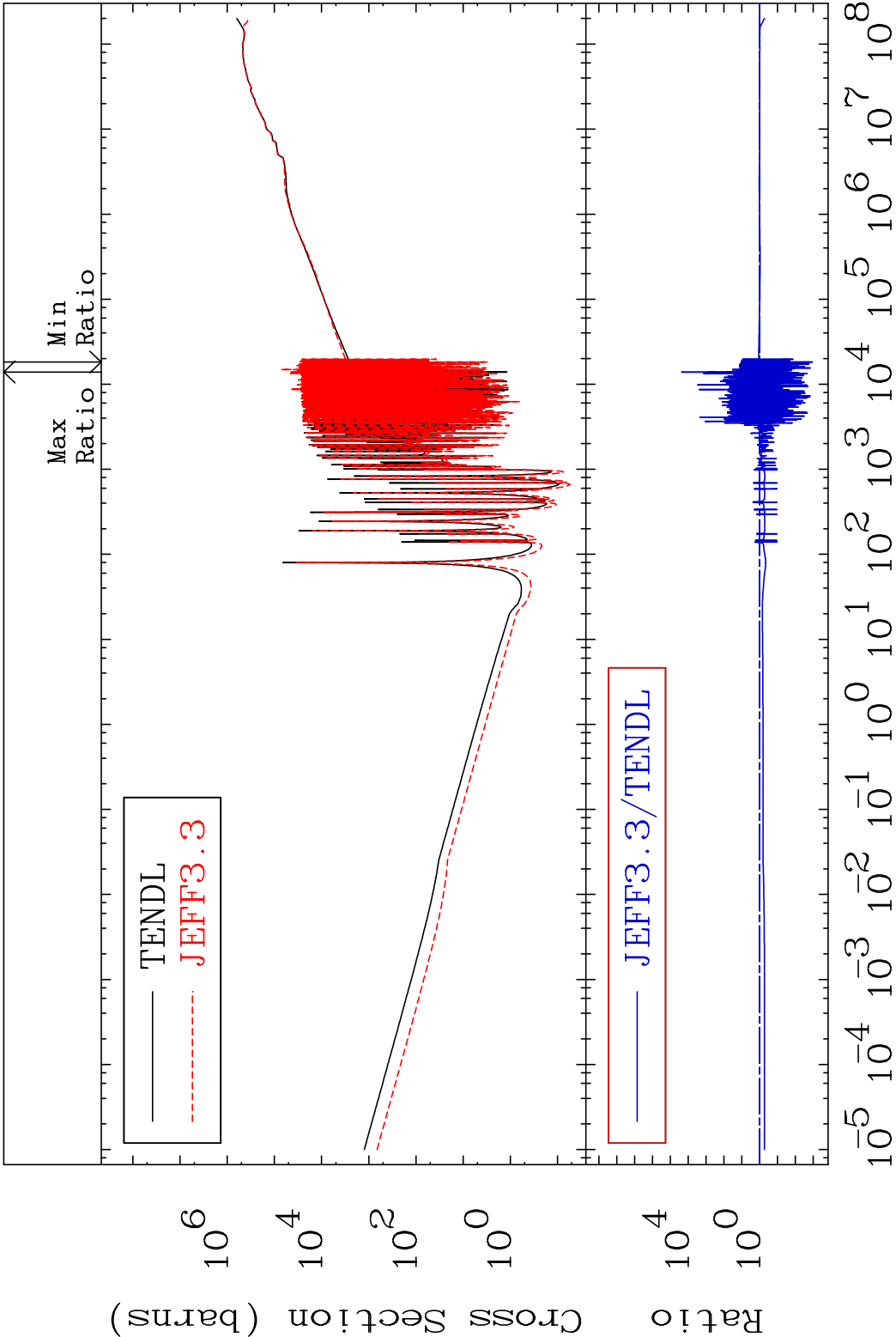


56 Incident Energy (eV) 68-Er-168

MAT 6843 Total kinematic kerma (high limit) 68-Er-168
Cross Section -99.87 To 9999. %



MAT 6843	Dpa total (eV-barns)	68-Er-168
	Cross Section	-99.89 To 9999. %



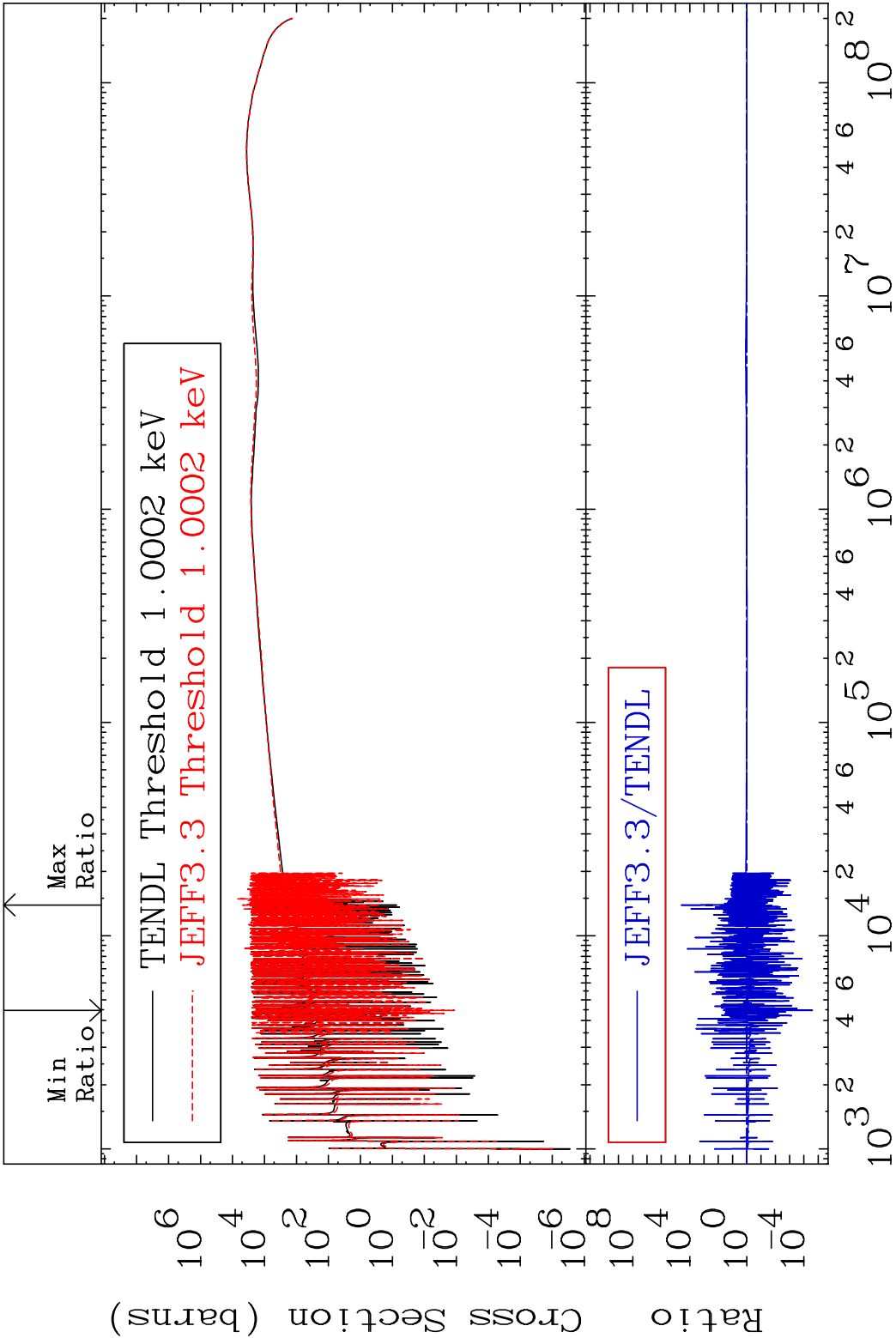
MAT 6843

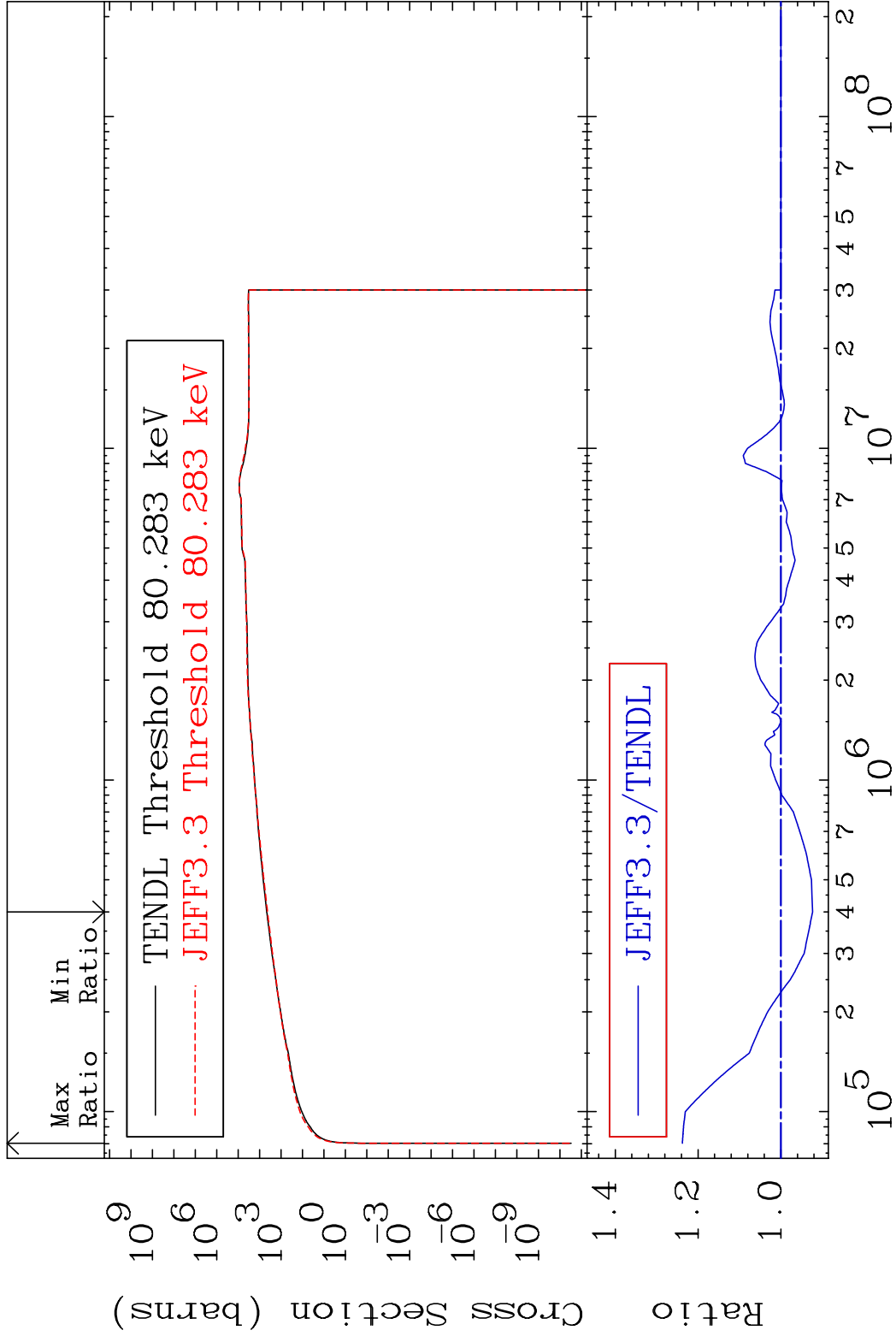
Dpa elastic (mt2)

68-Er-168

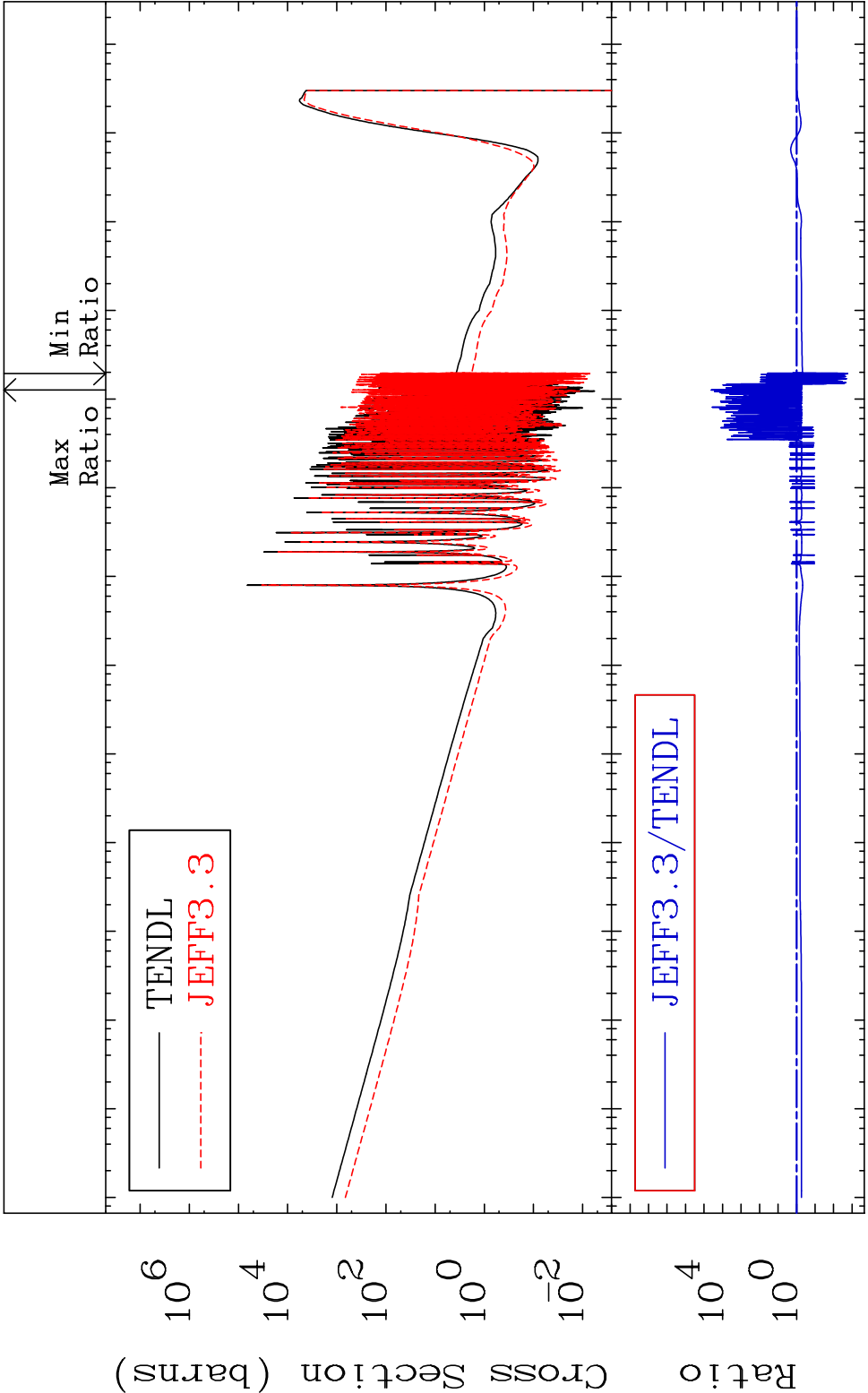
Cross Section

-100.0 To 9999. %





MAT 6843 Dpa disappearance (mt102 -120) 68-Er-168
Cross Section -99.83 To 9999. %



61 Incident Energy (eV) 68-Er-168

