

Program Complot
(Version 2021-1)

by

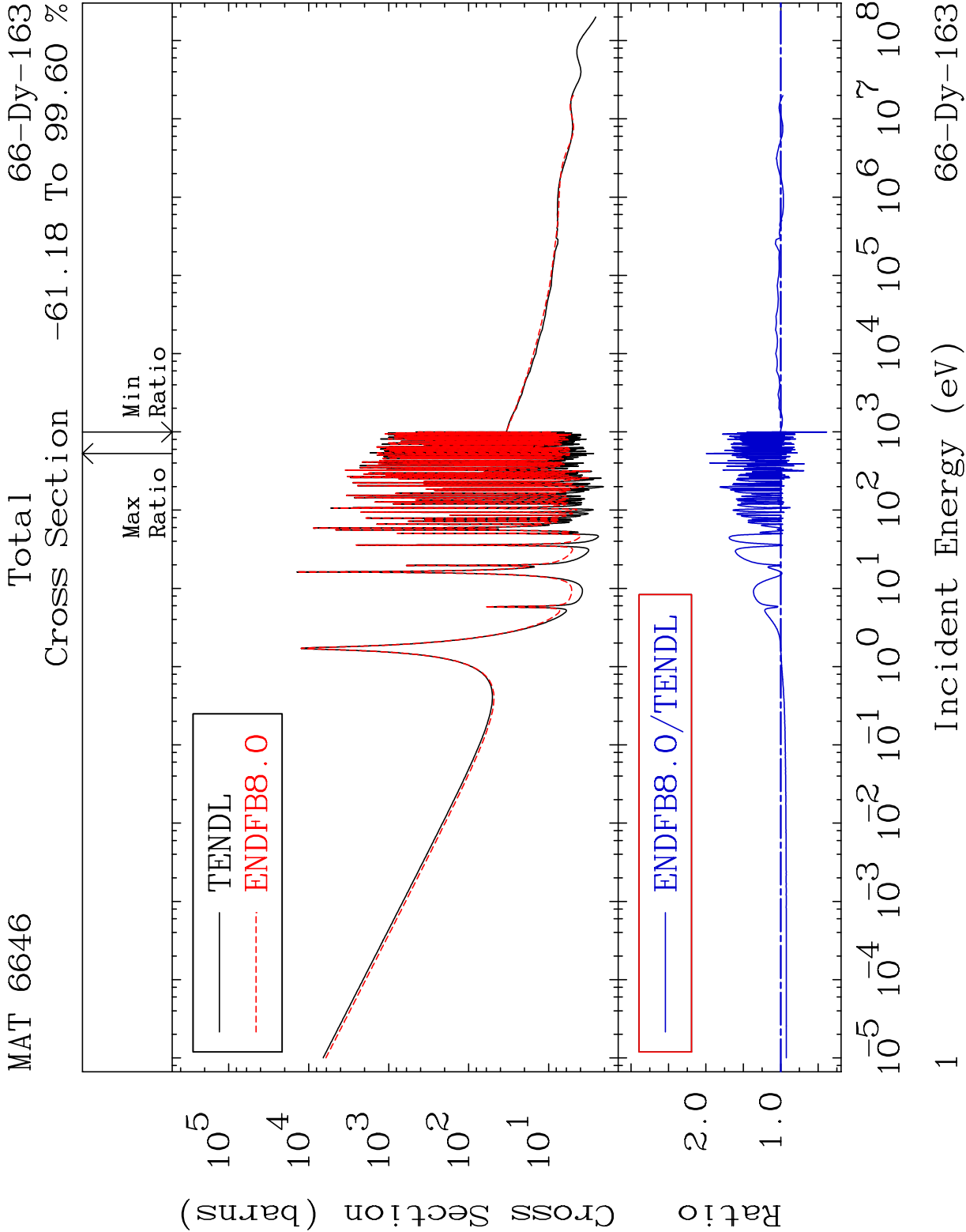
Dermott E. Cullen
(Present Contact Information)

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

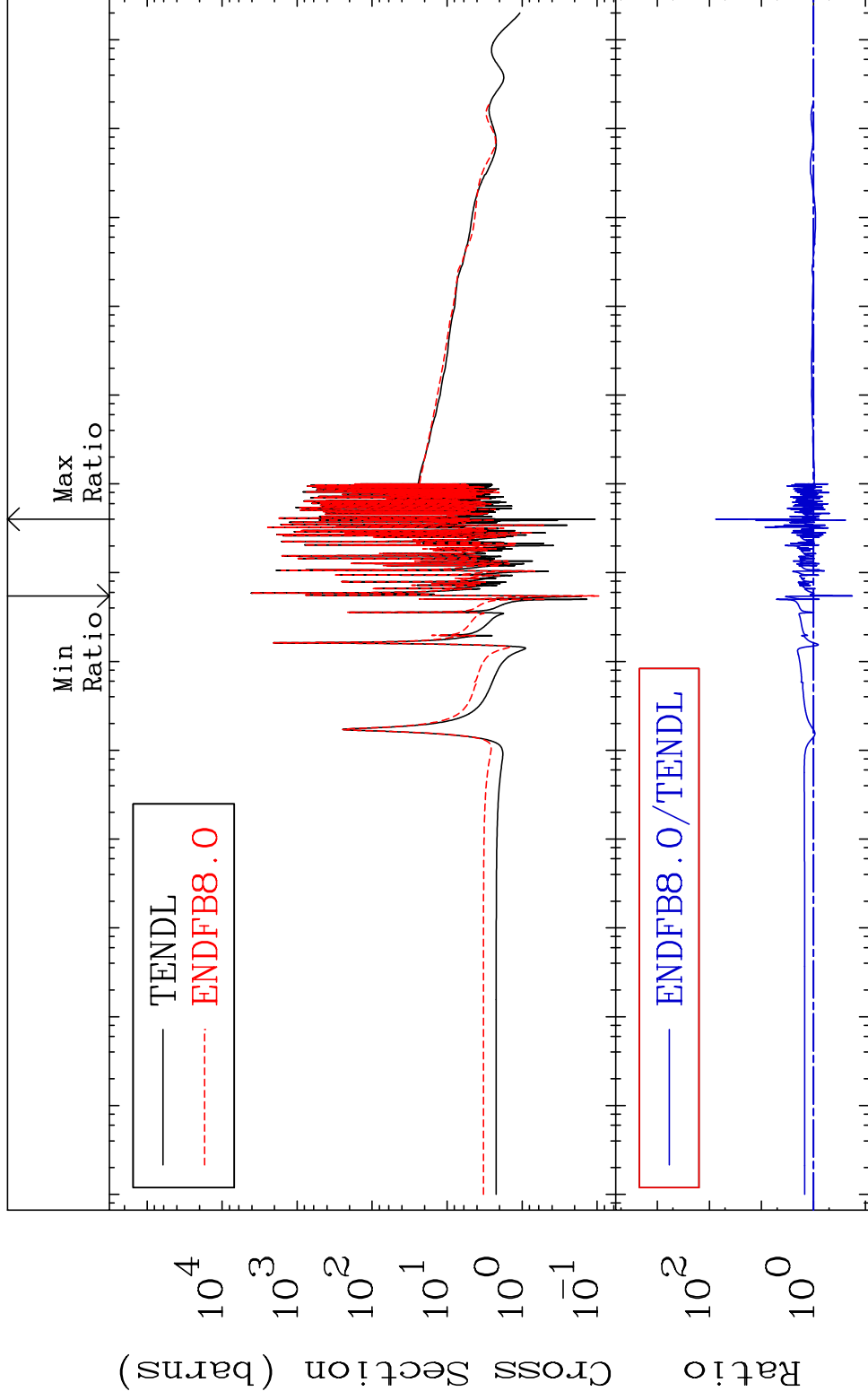


MAT 6646

Elastic

66-Dy-163

Cross Section -82.02 To 7468. %

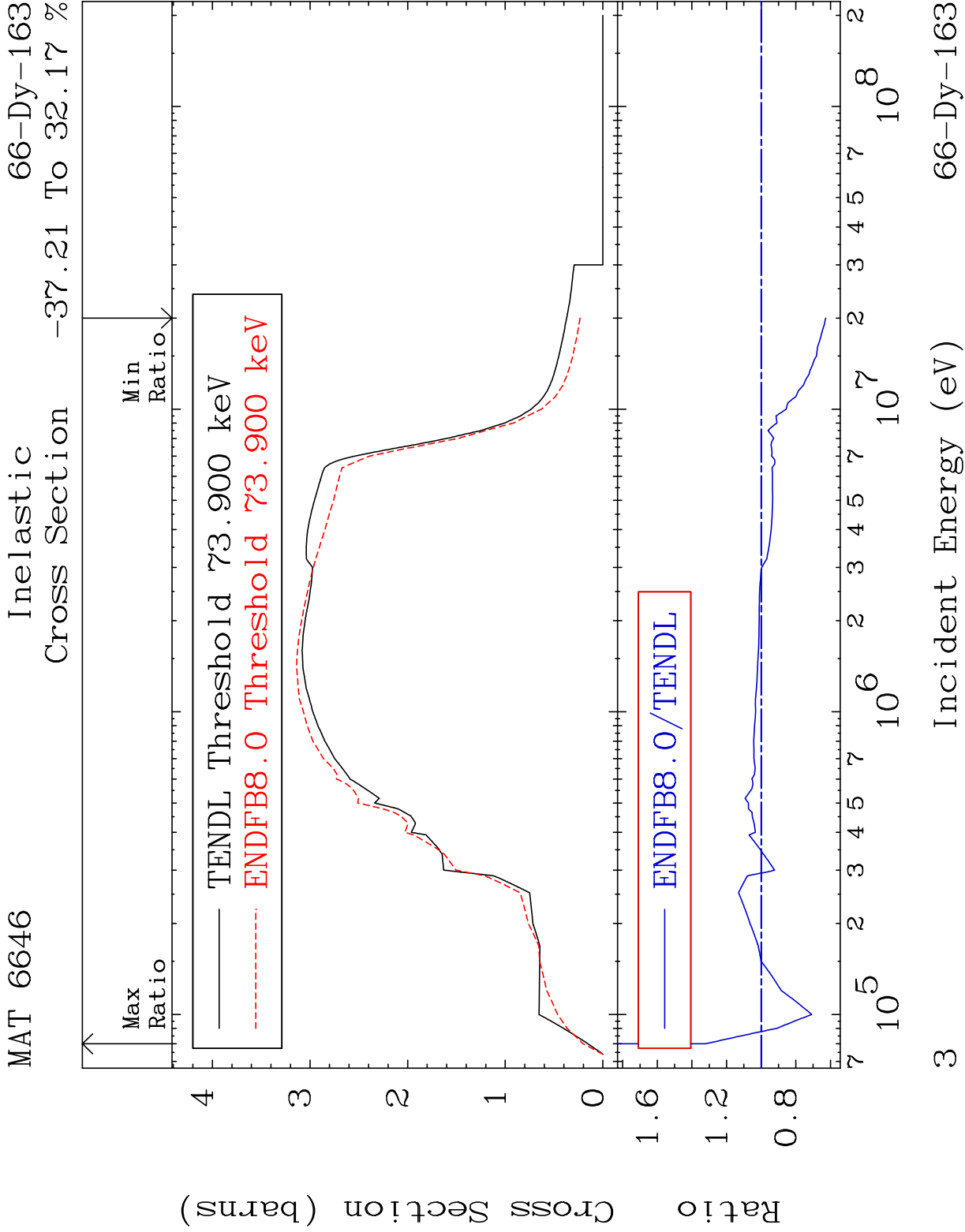


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

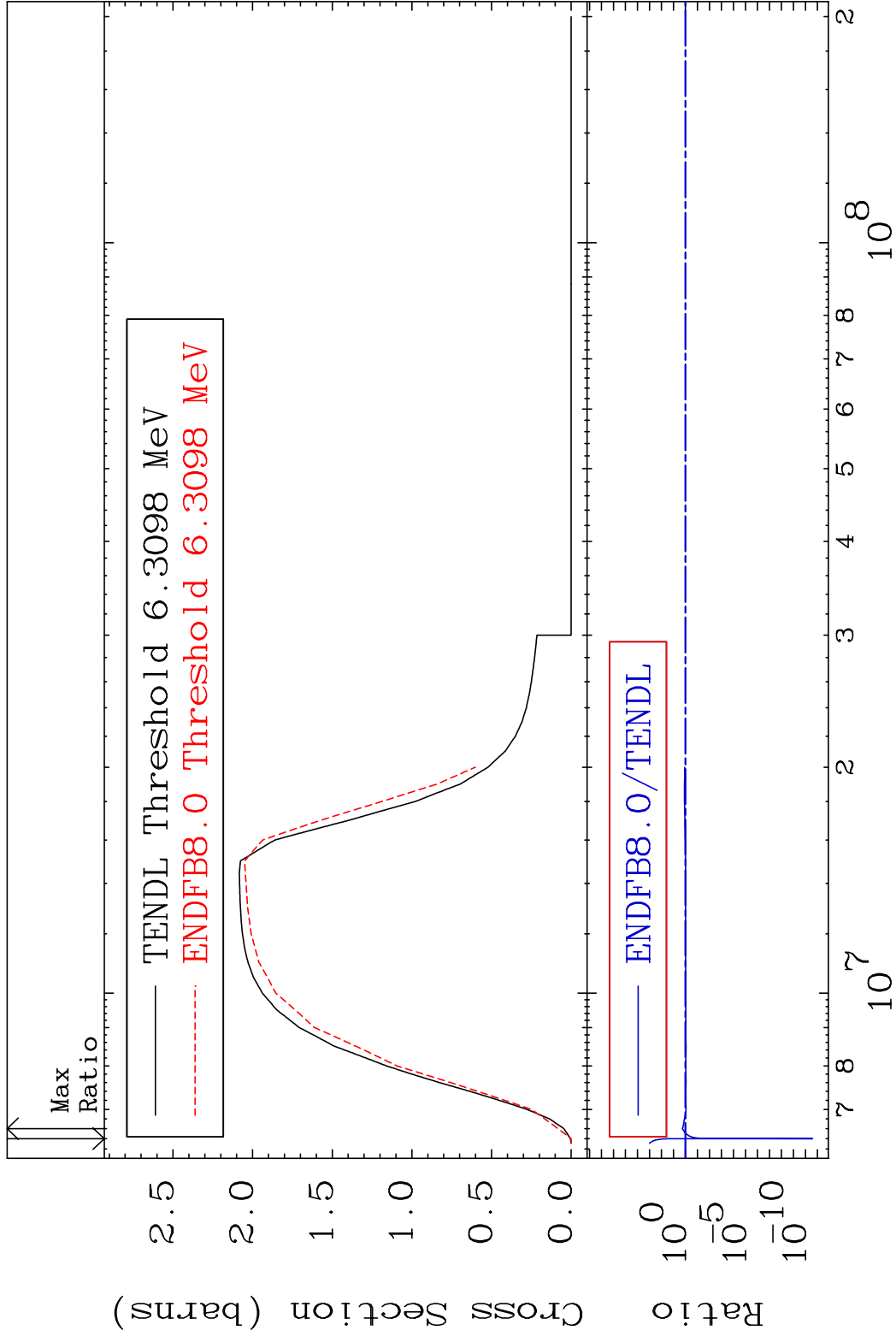
2

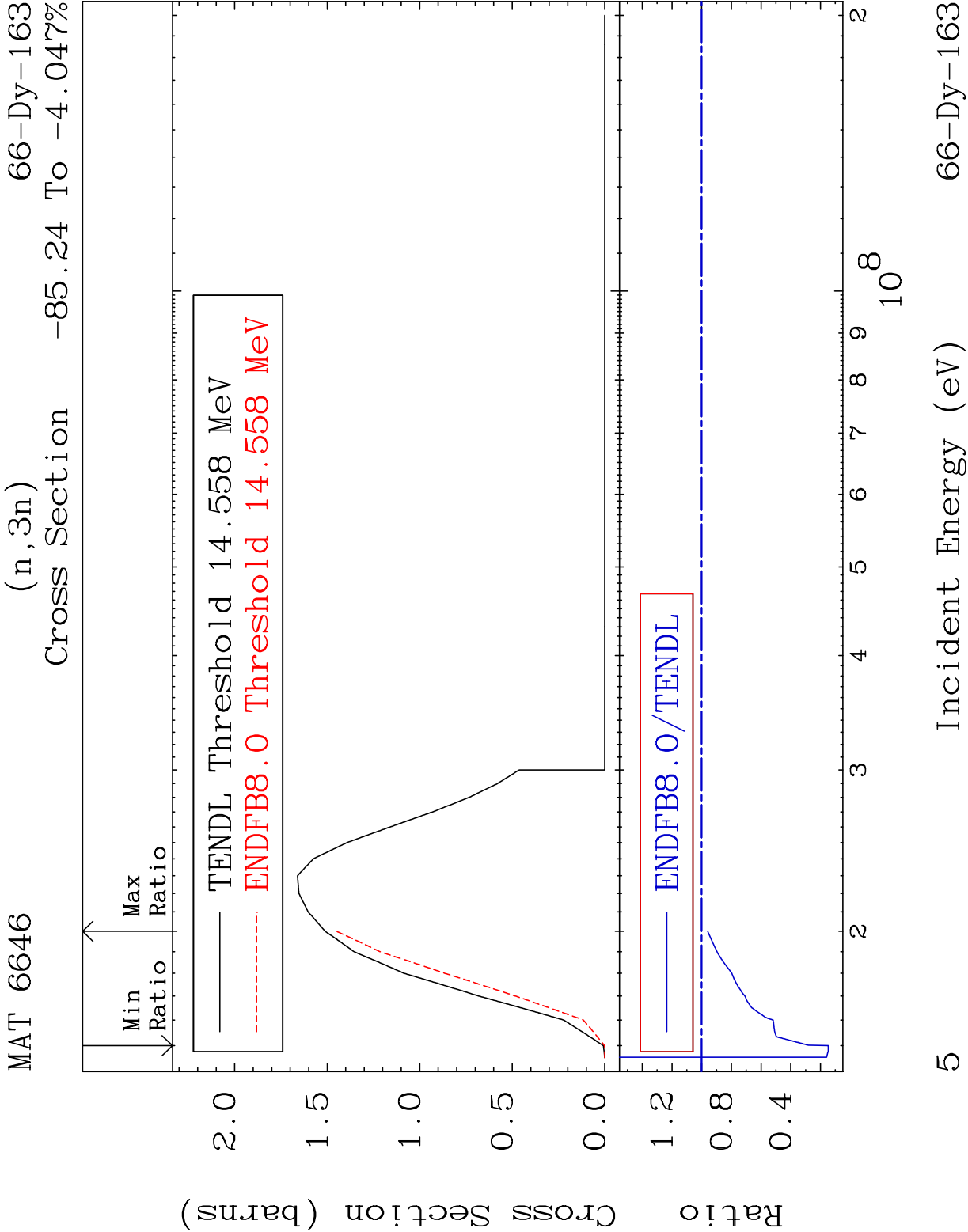
Incident Energy (eV)

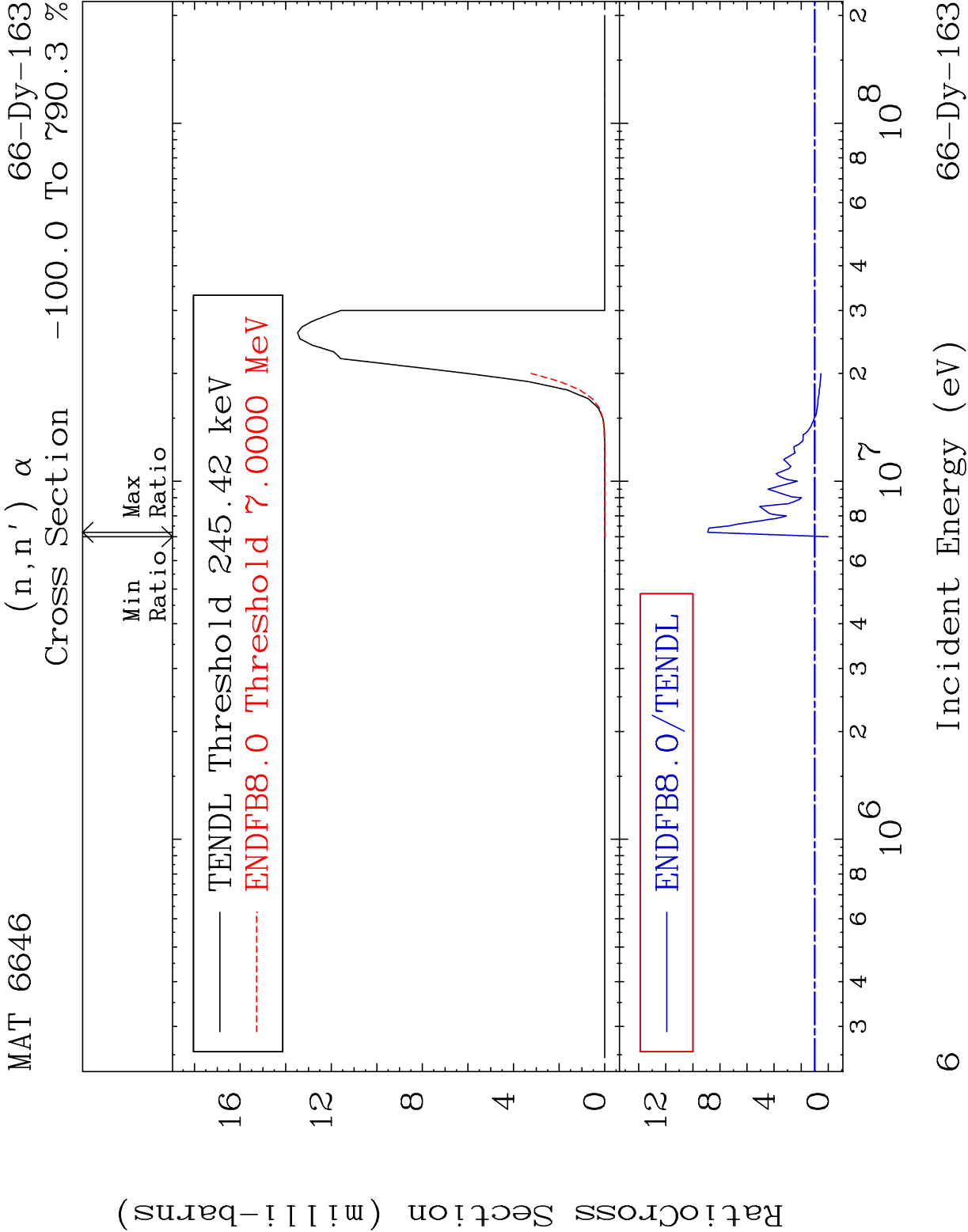
66-Dy-163

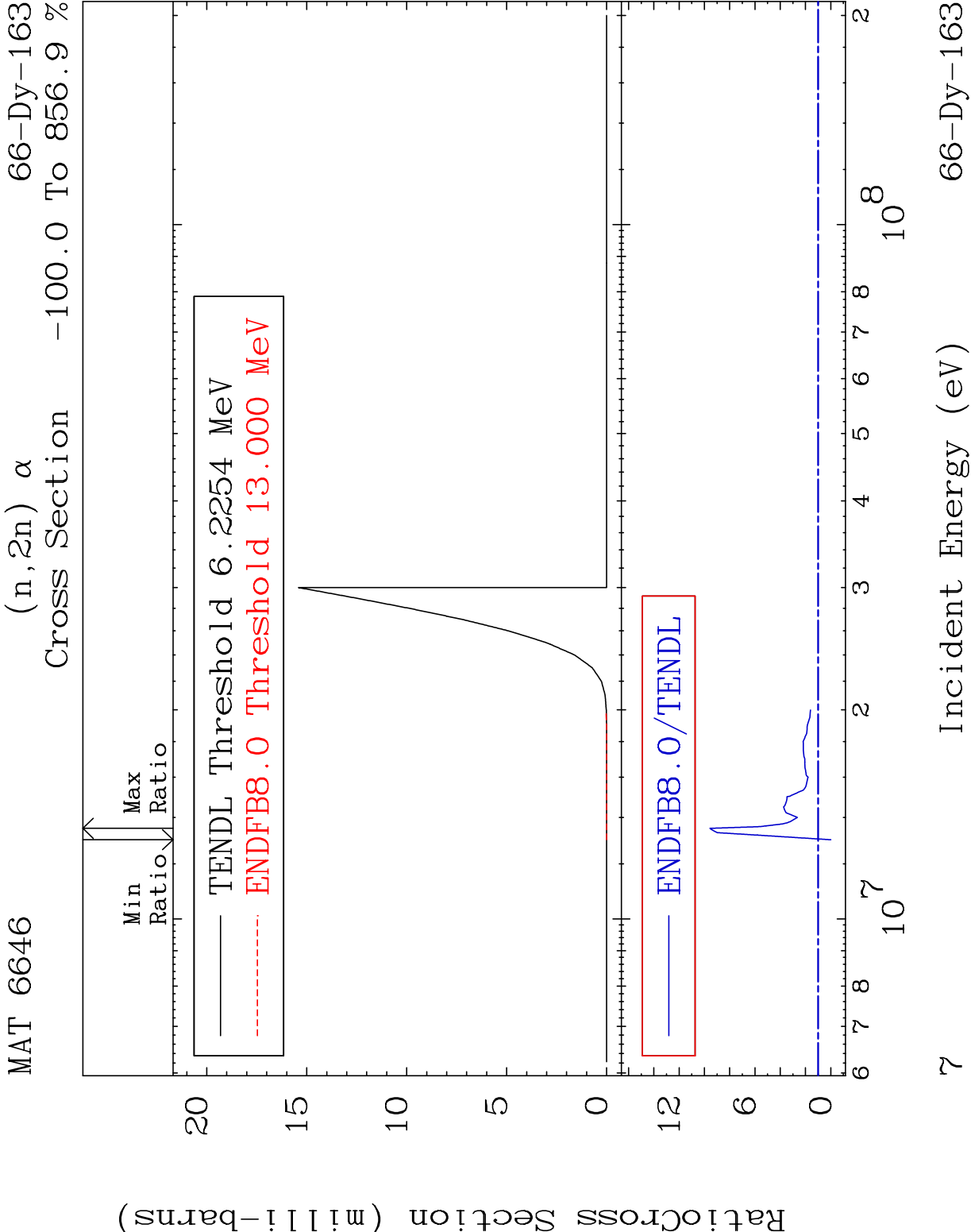


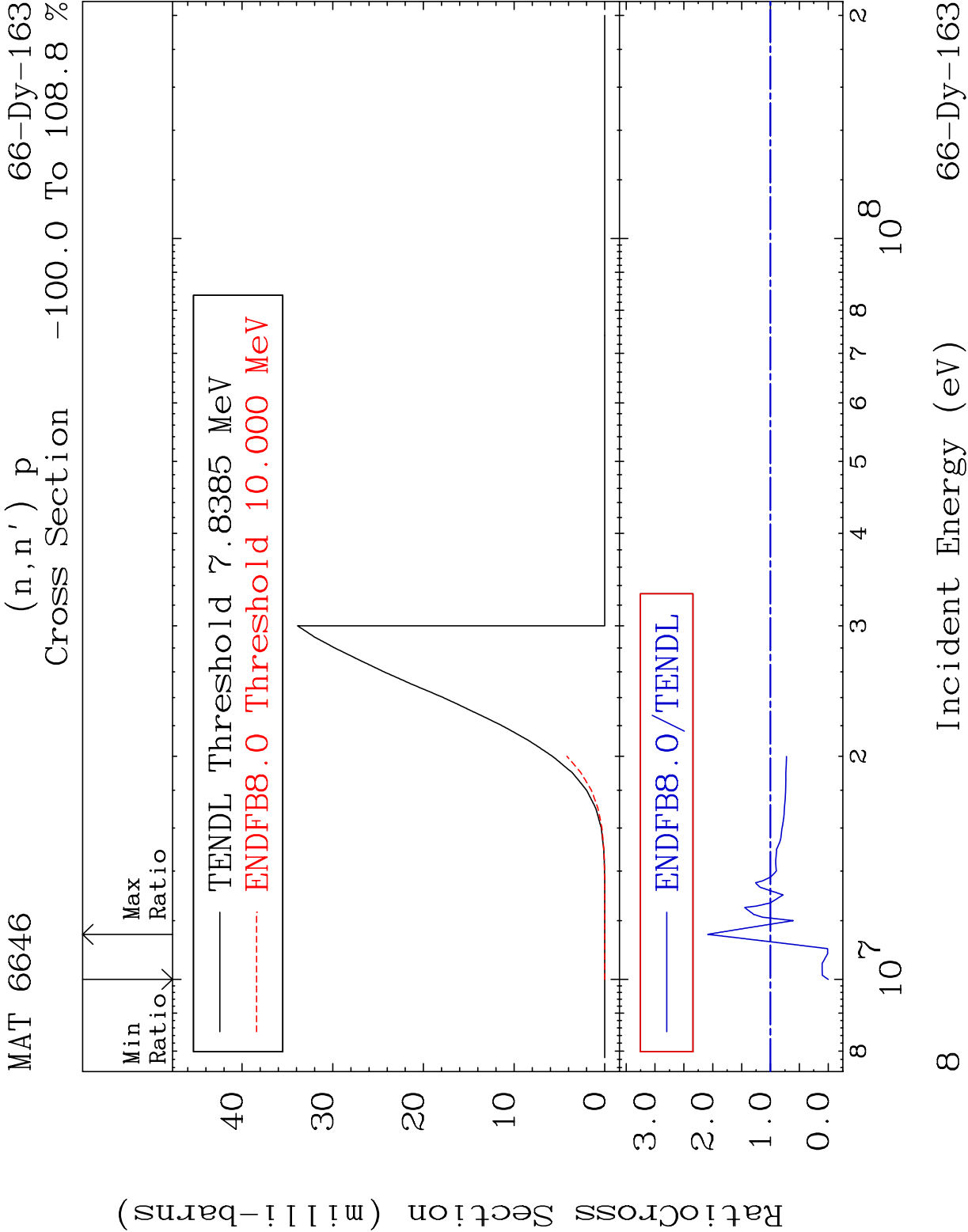
MAT 6646 (n,2n) 66-Dy-163
Cross Section -100.0 To 81.75 %





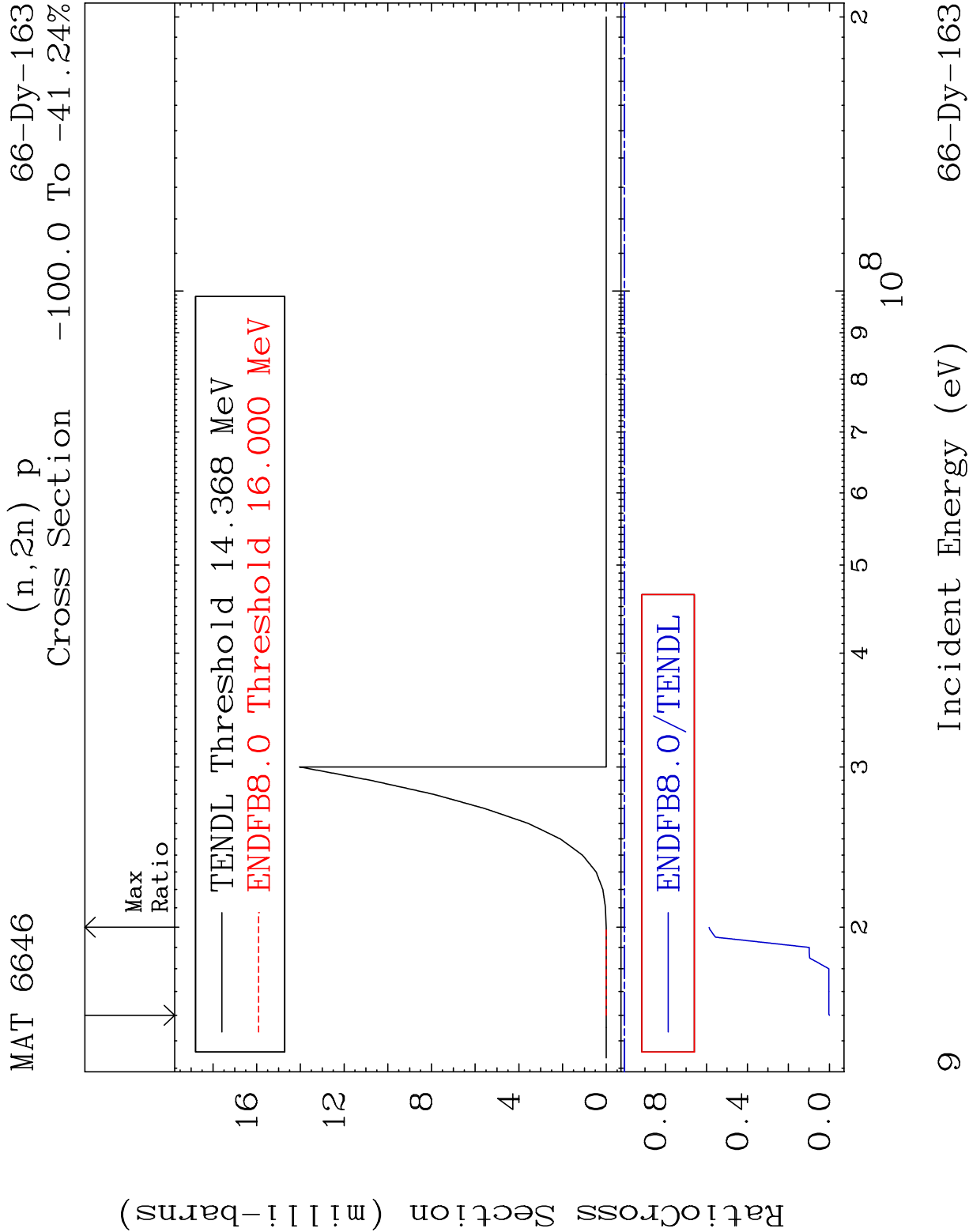




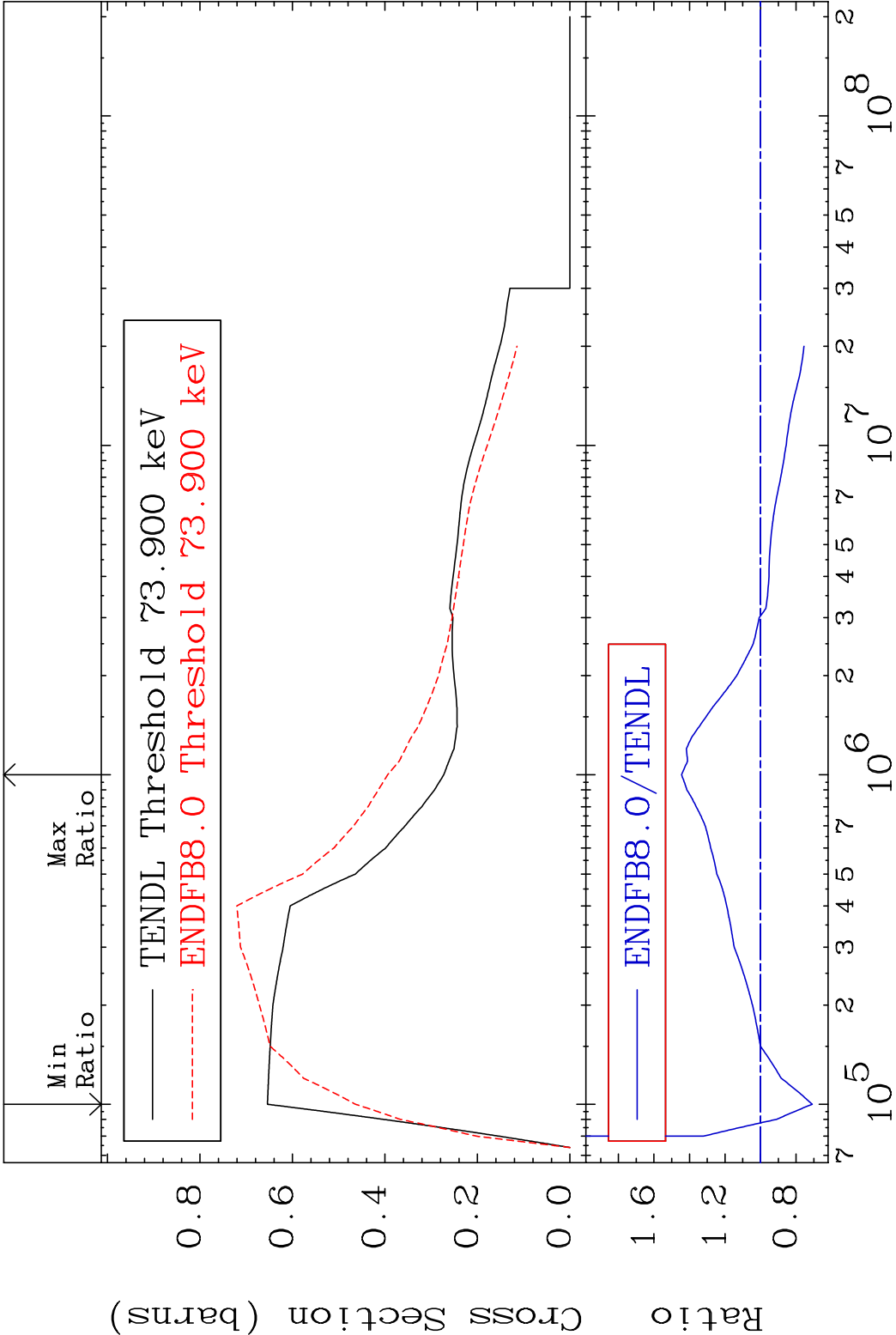


8

8

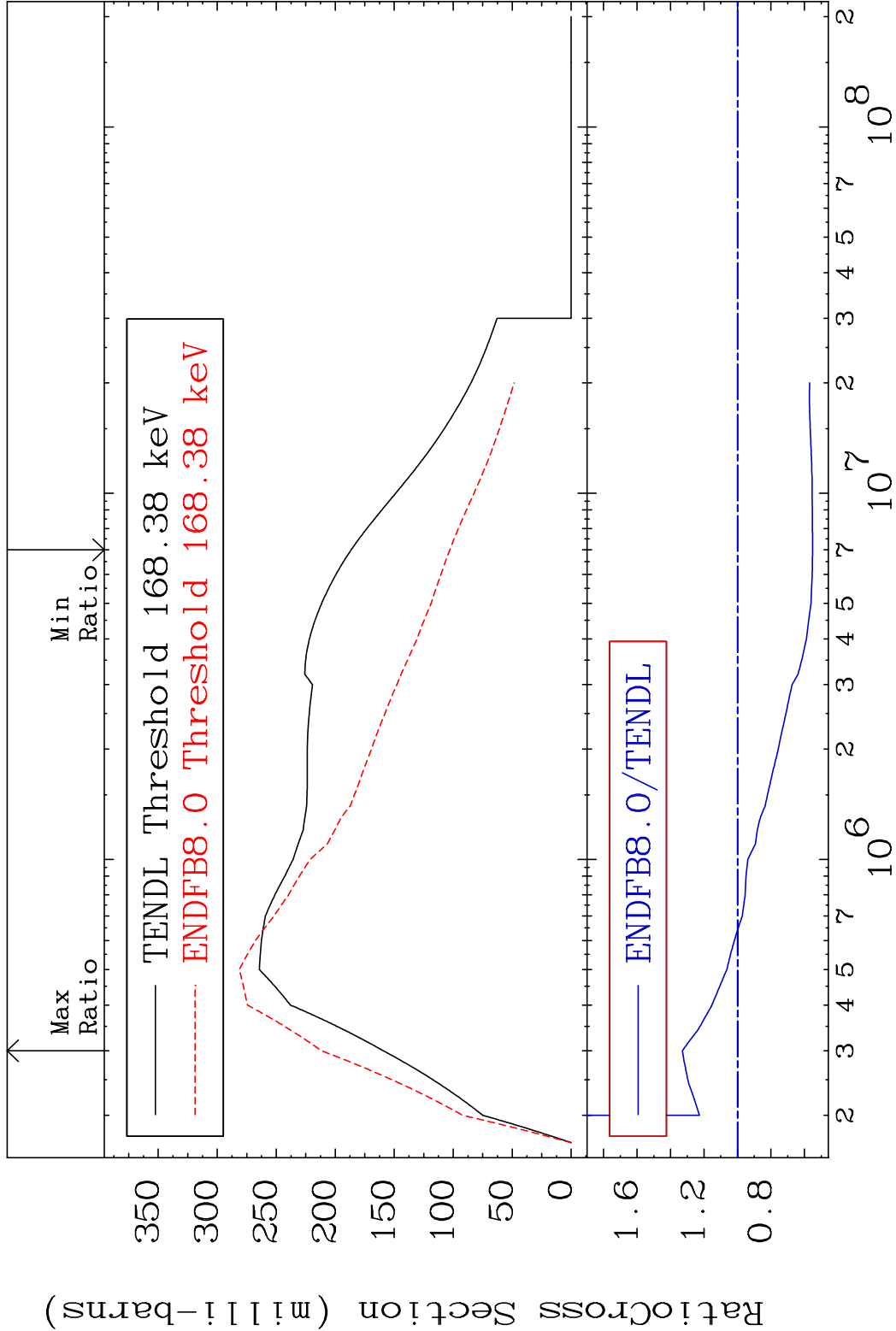


MAT 6646 MT= 51 (n,n') Level 66-Dy-163
Cross Section -29.11 To 44.48 %

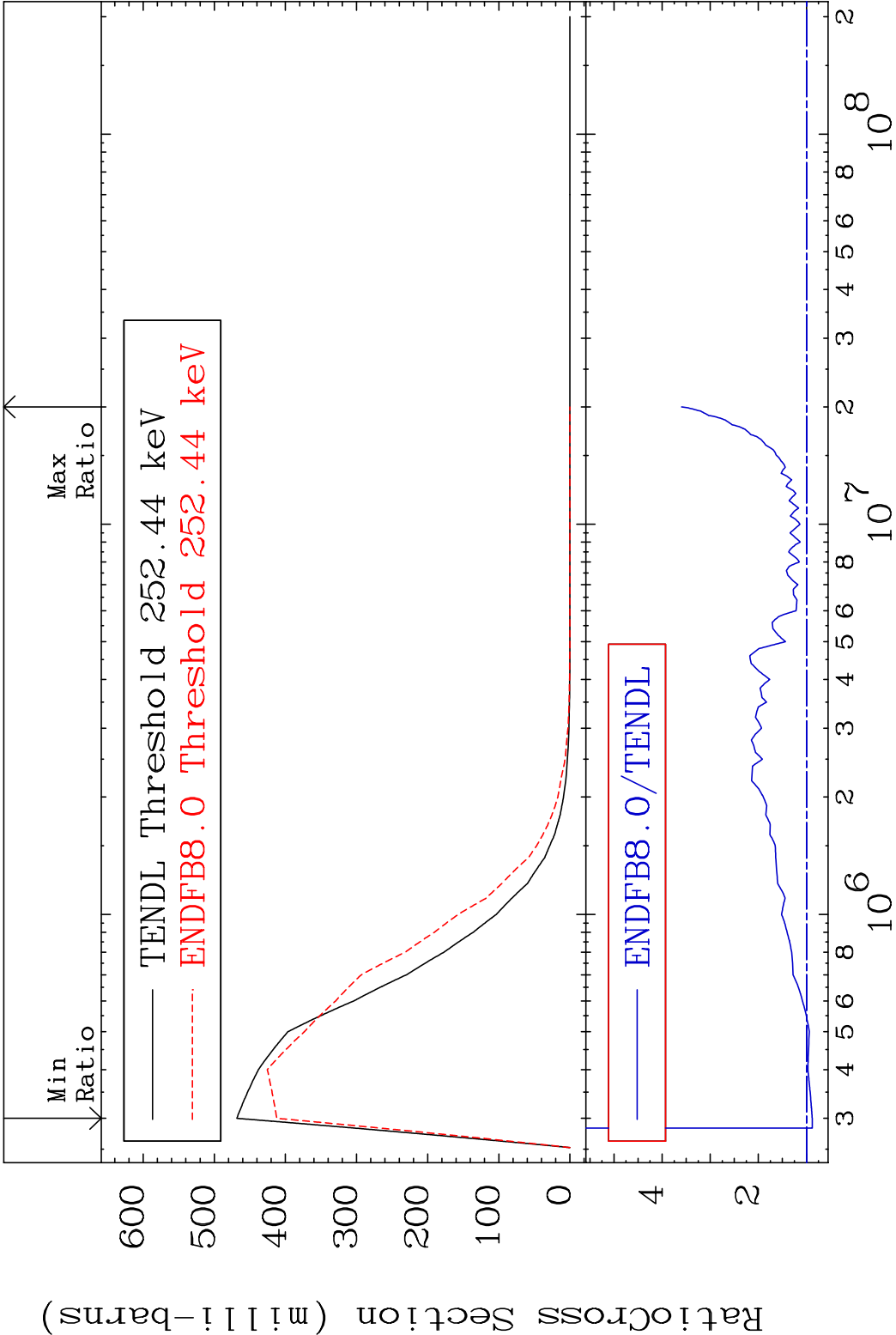


10 Incident Energy (eV) 66-Dy-163

MAT 6646 MT= 52 (n,n') Level 66-Dy-163
Cross Section -44.83 To 32.94 %



MAT 6646 MT= 53 (n,n') Level 66-Dy-163
Cross Section -12.00 To 259.6 %



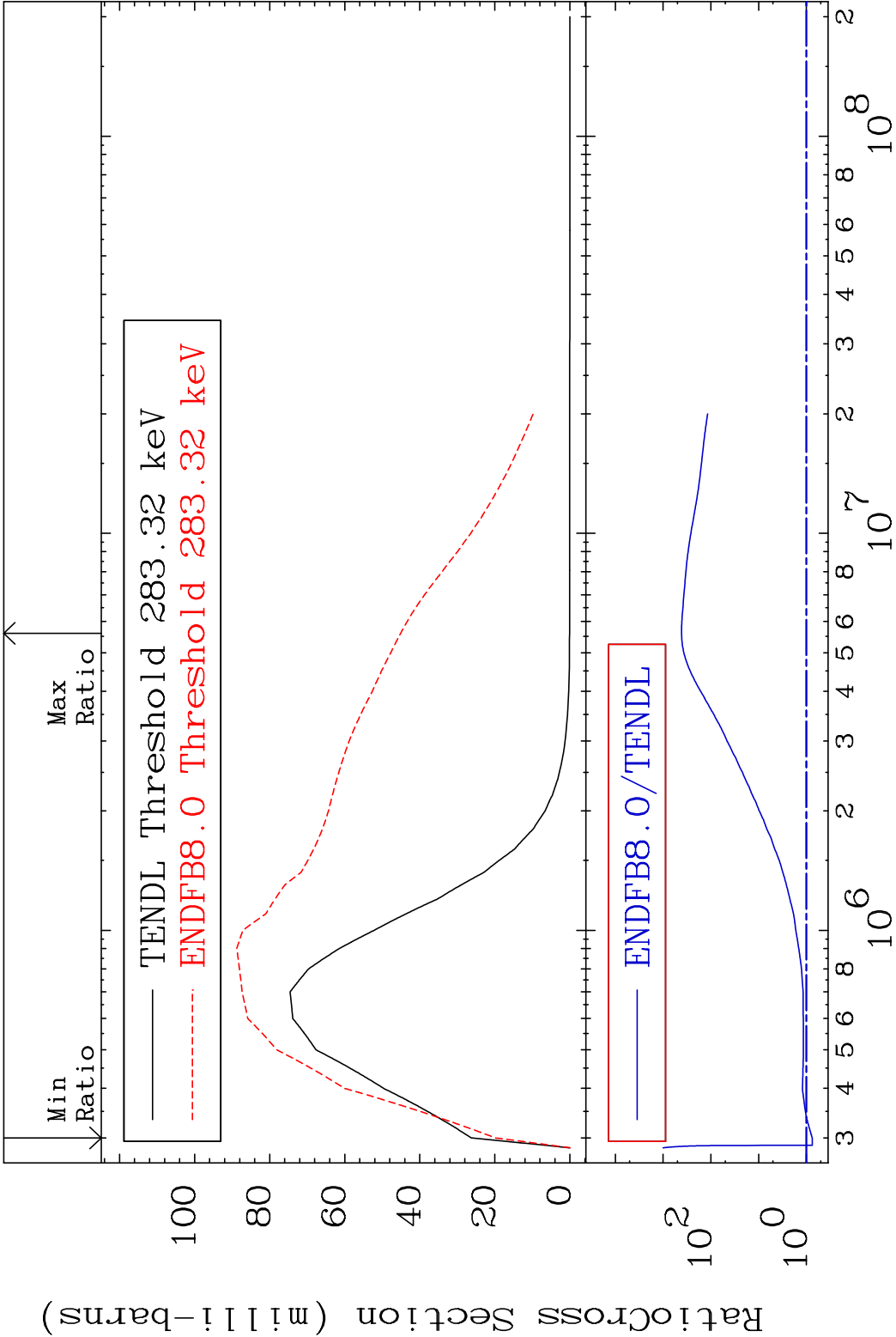
MAT 6646

MT= 54 (n,n') Level

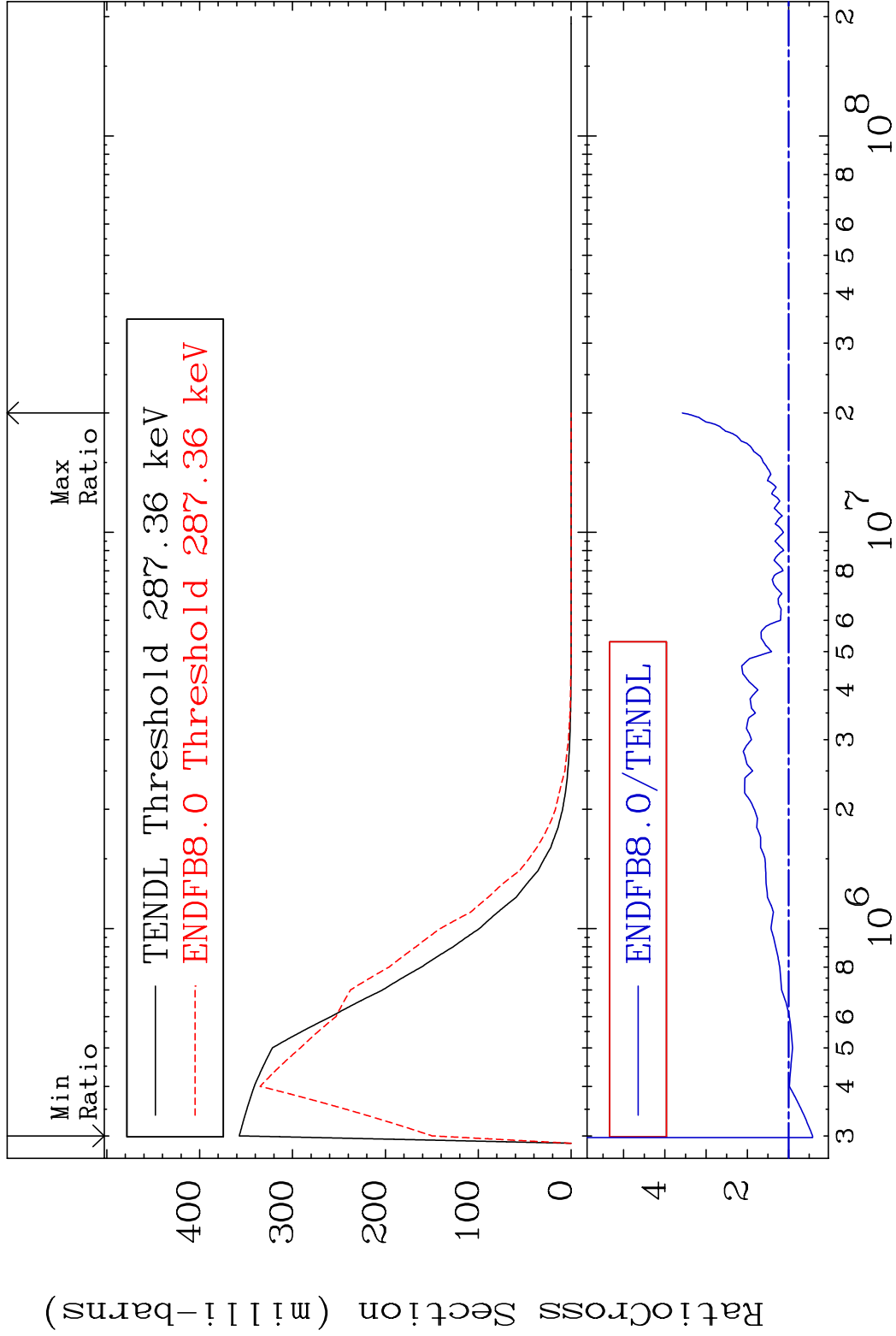
66-Dy-163

Cross Section

-24.55 To 9999. %



MAT 6646 MT= 55 (n,n') Level 66-Dy-163
Cross Section -58.09 To 257.6 %



14 Incident Energy (eV) 66-Dy-163

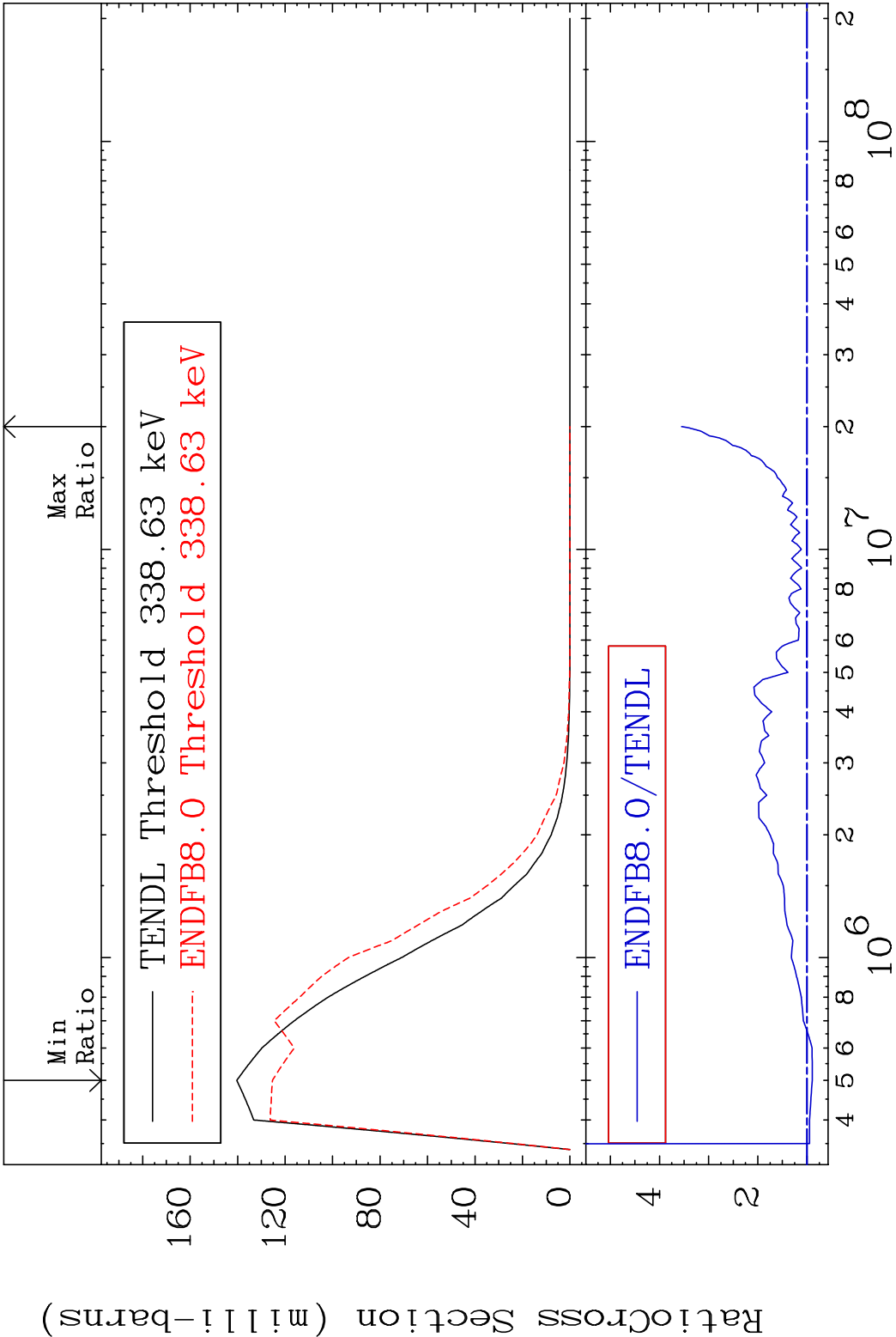
MAT 6646

MT= 56 (n,n') Level

66-Dy-163

Cross Section

-10.69 To 255.2 %

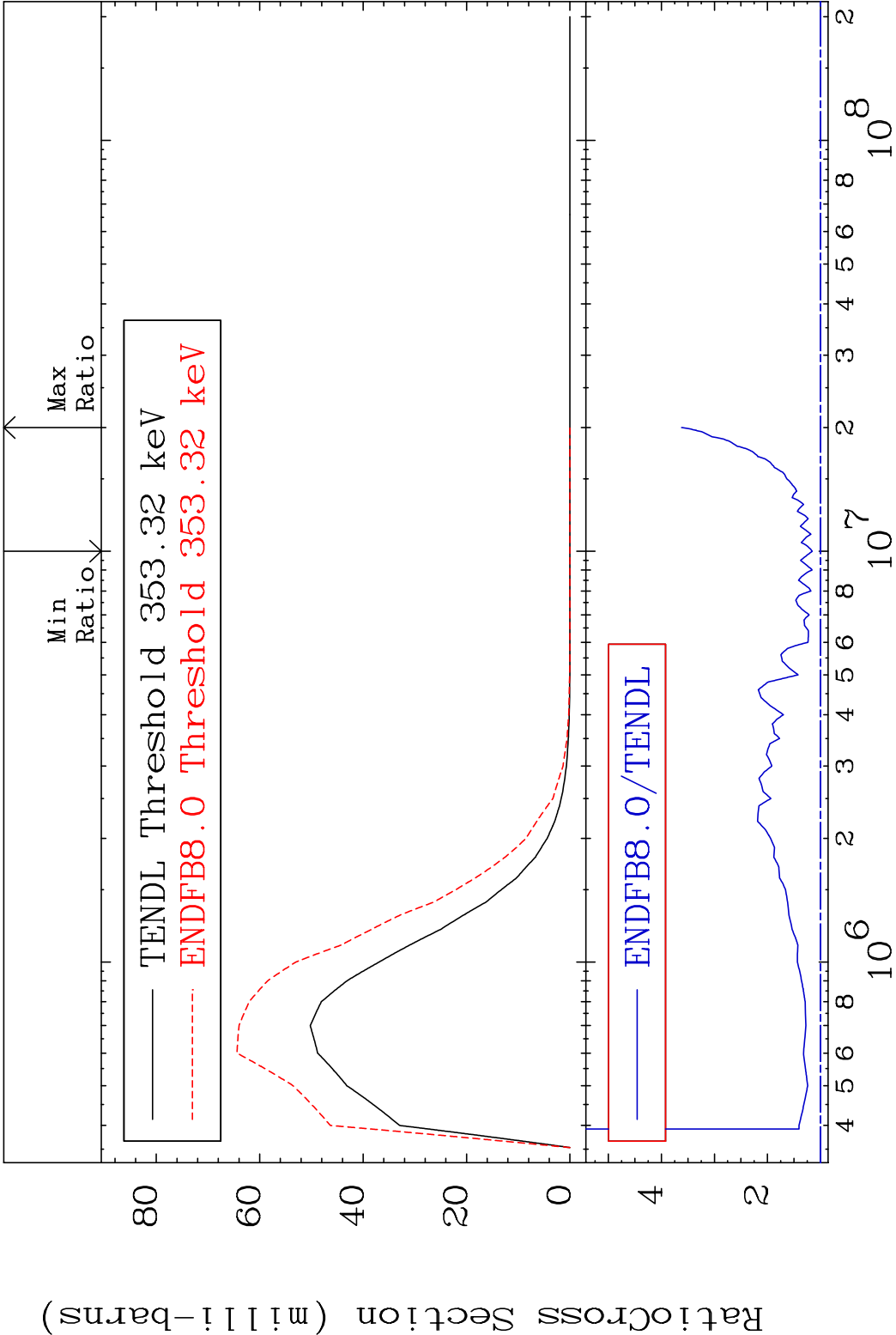


15

Incident Energy (eV)

66-Dy-163

MAT 6646 MT= 57 (n,n') Level 66-Dy-163
Cross Section 15.56 To 262.1 %



16 Incident Energy (eV) 66-Dy-163

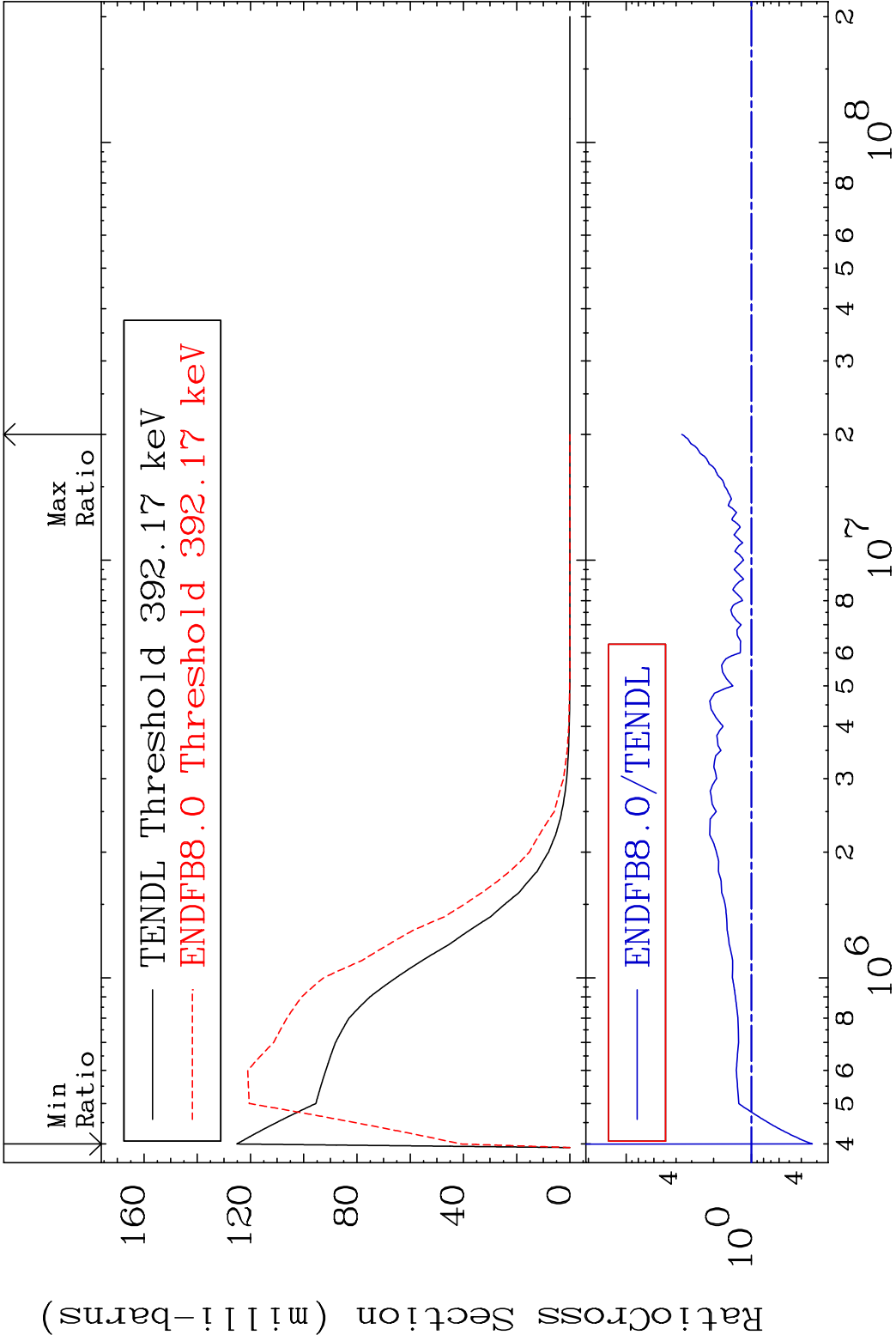
MAT 6646

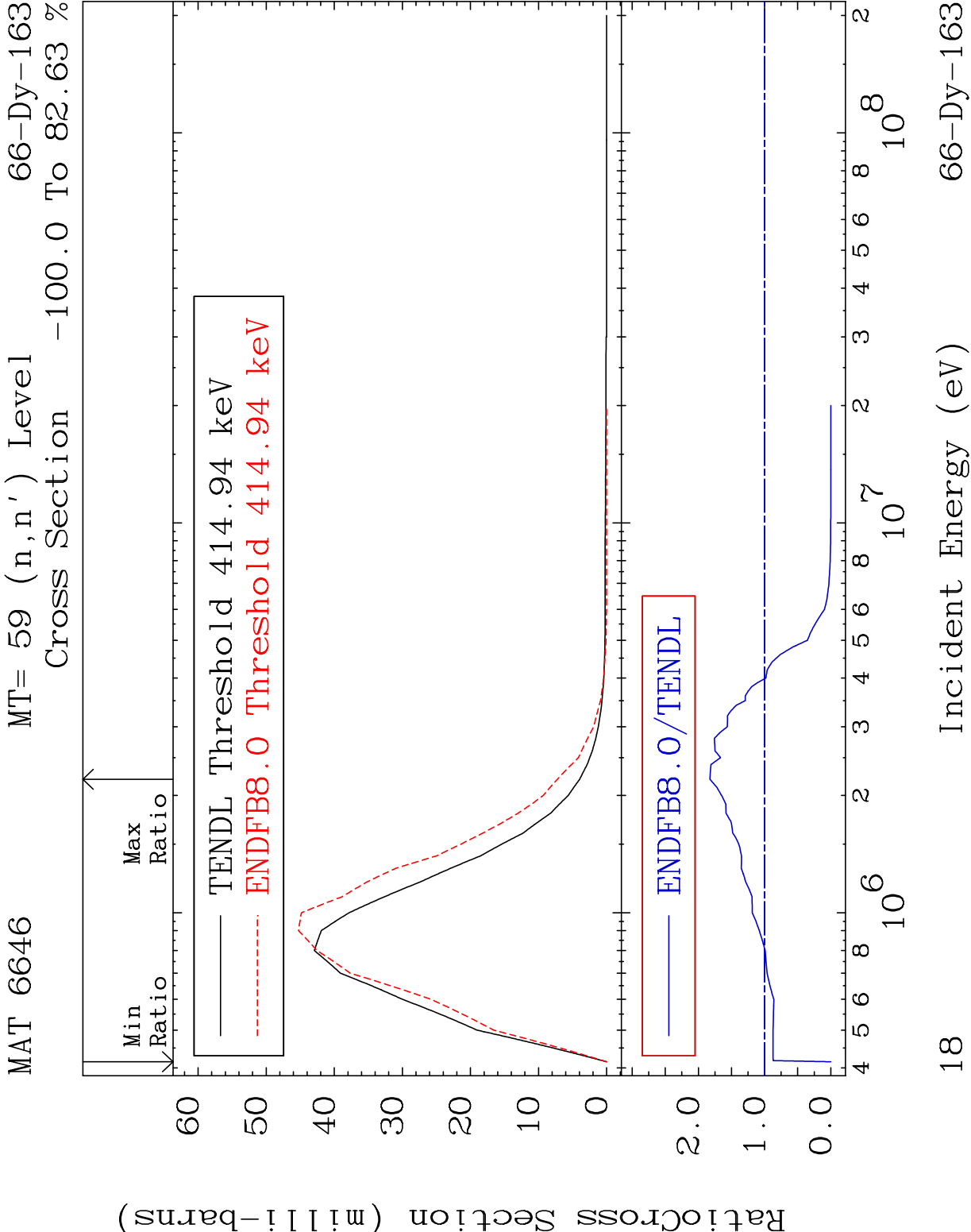
MT= 58 (n,n') Level

66-Dy-163

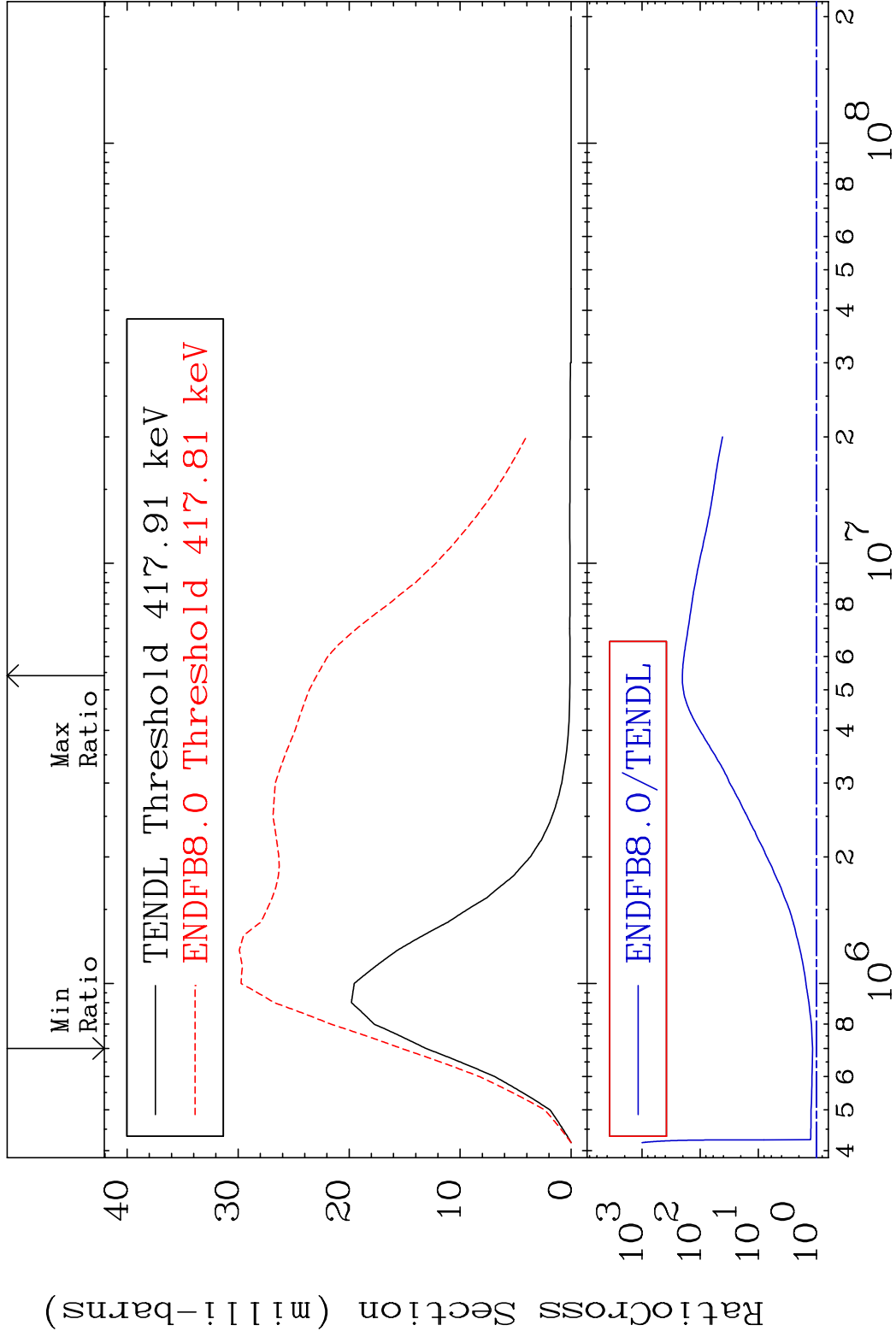
Cross Section

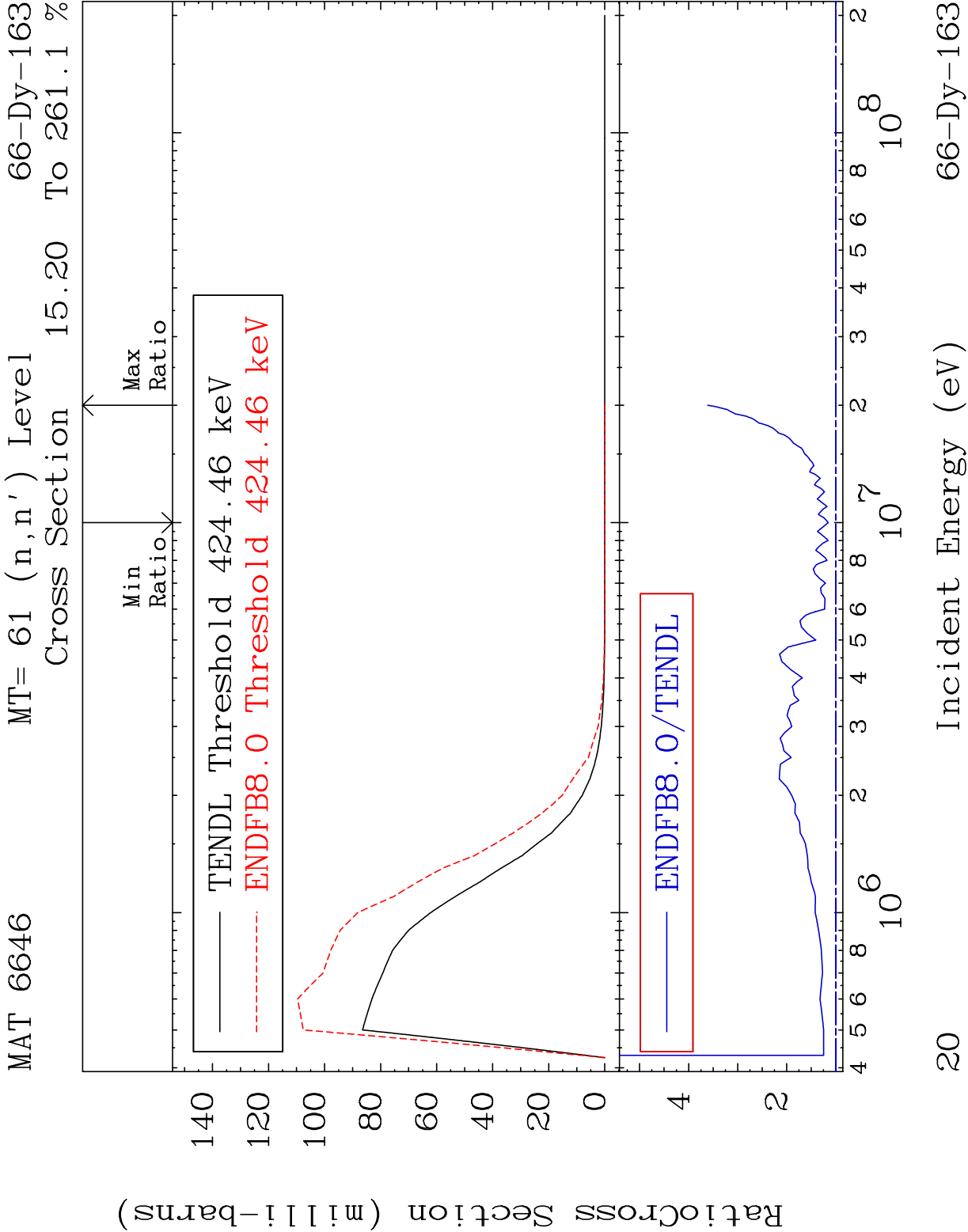
-67.34 To 261.1 %



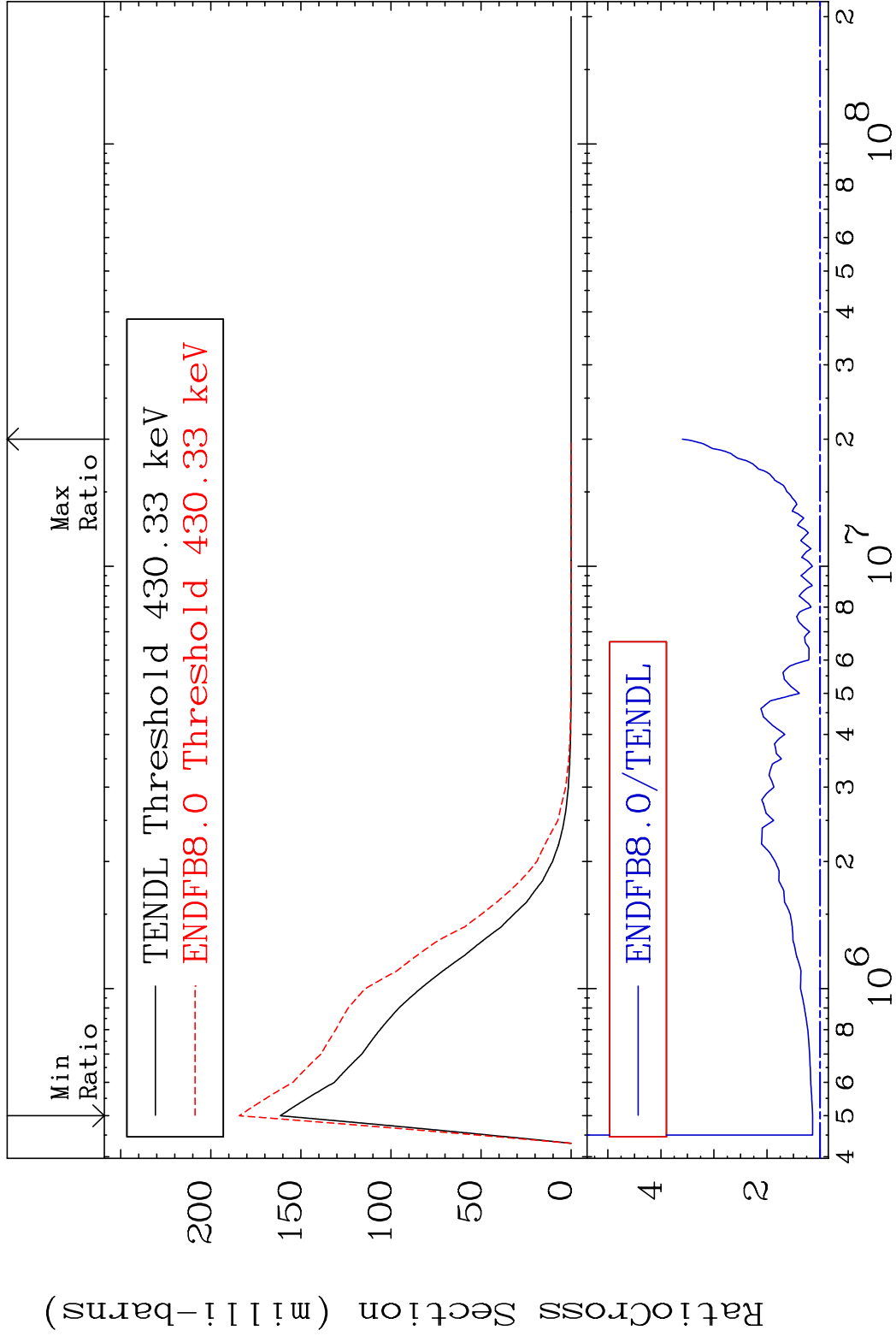


MAT 6646 MT= 60 (n,n') Level 66-Dy-163
Cross Section 16.84 To 9999. %

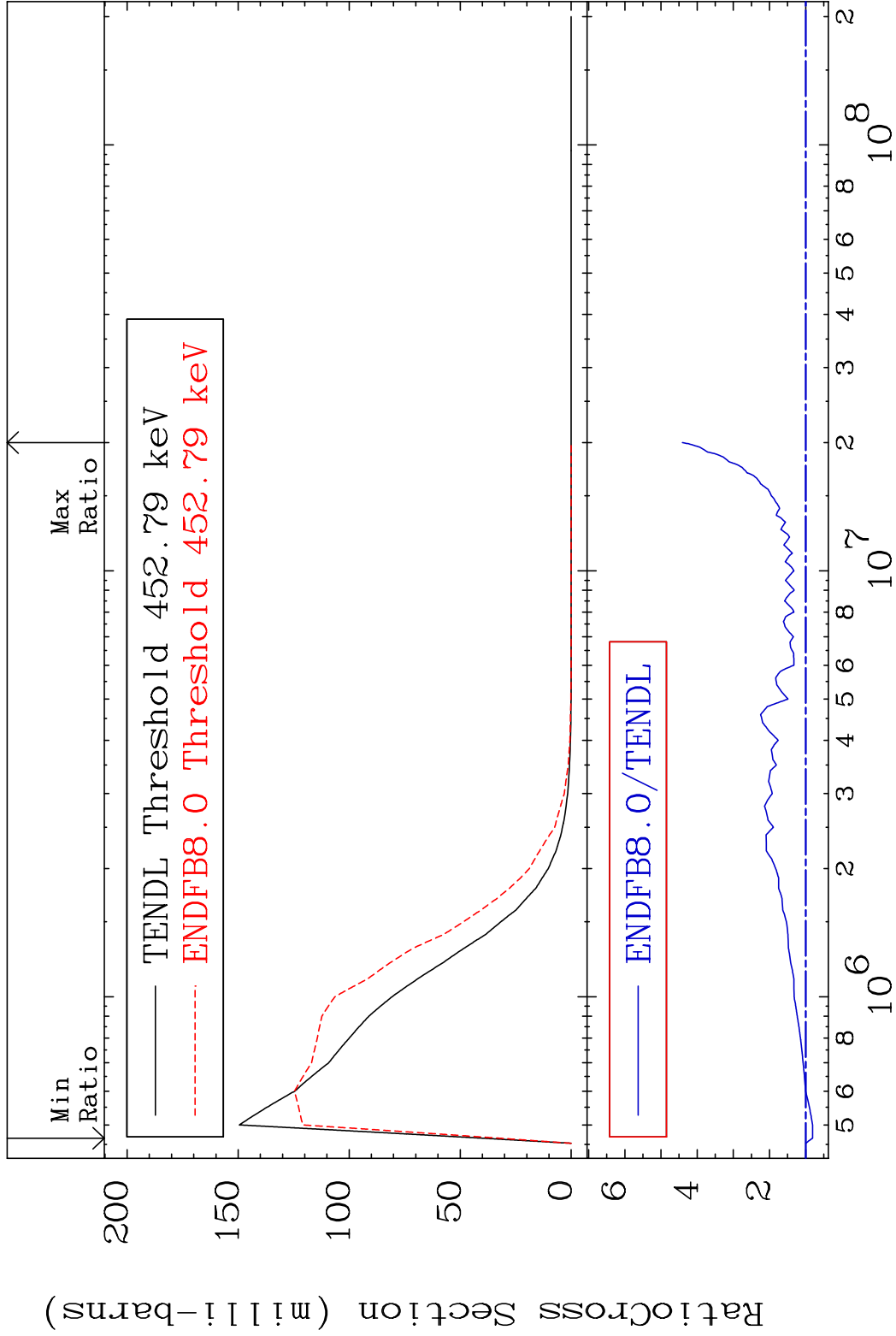




MAT 6646 MT= 62 (n,n') Level 66-Dy-163
Cross Section 14.09 To 259.6 %



MAT 6646 MT= 63 (n,n') Level 66-Dy-163
Cross Section -19.08 To 340.9 %



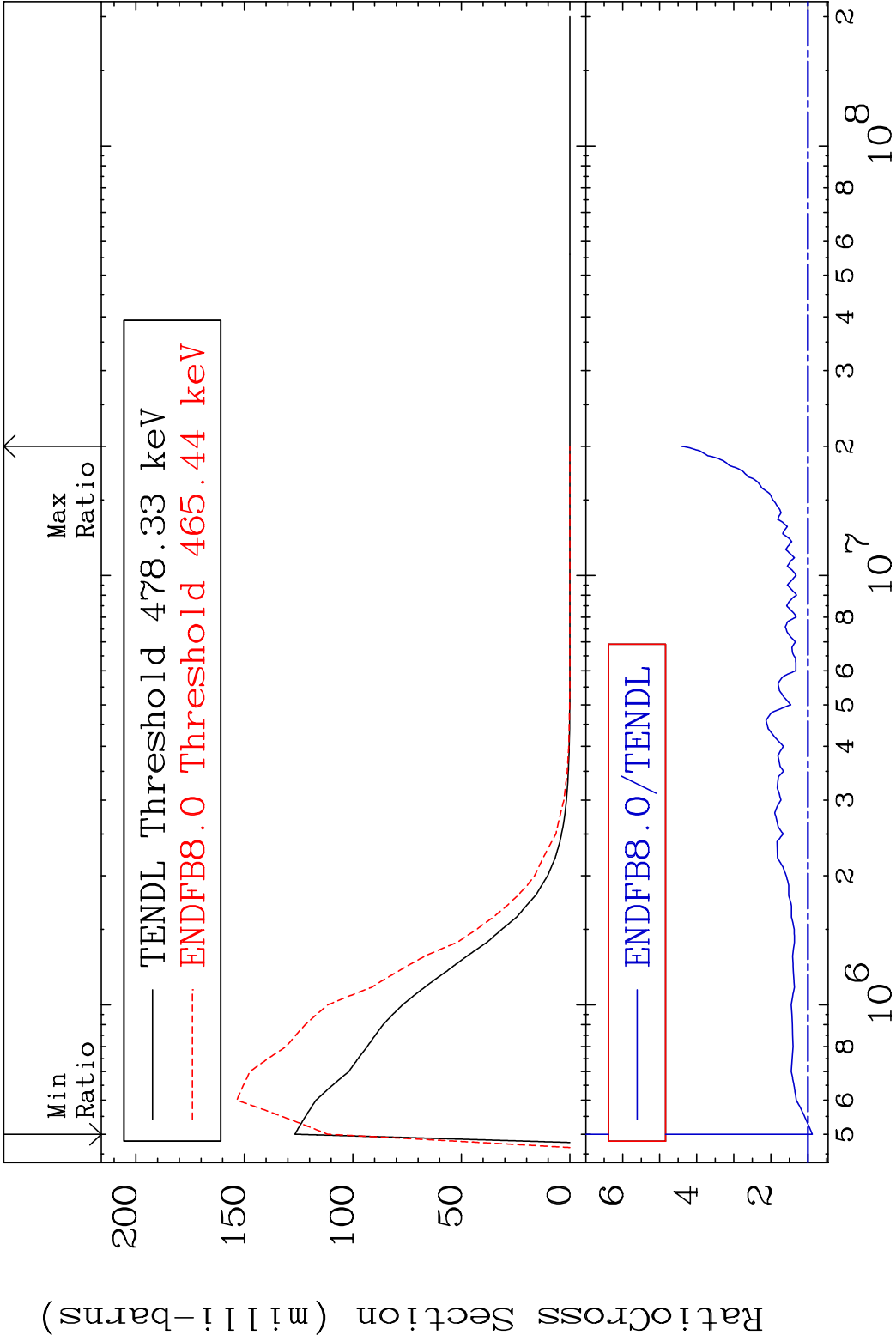
MAT 6646

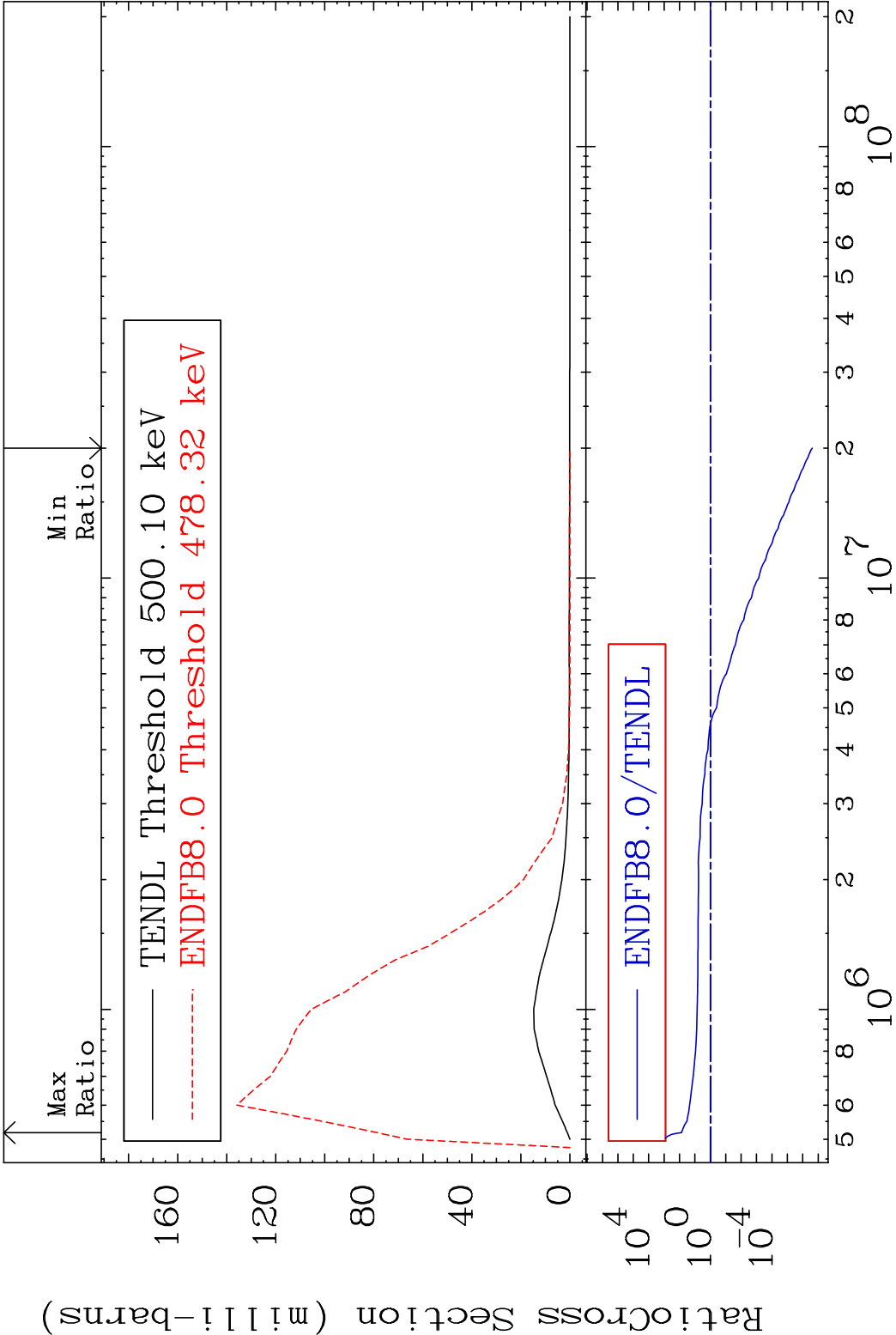
MT= 64 (n,n') Level

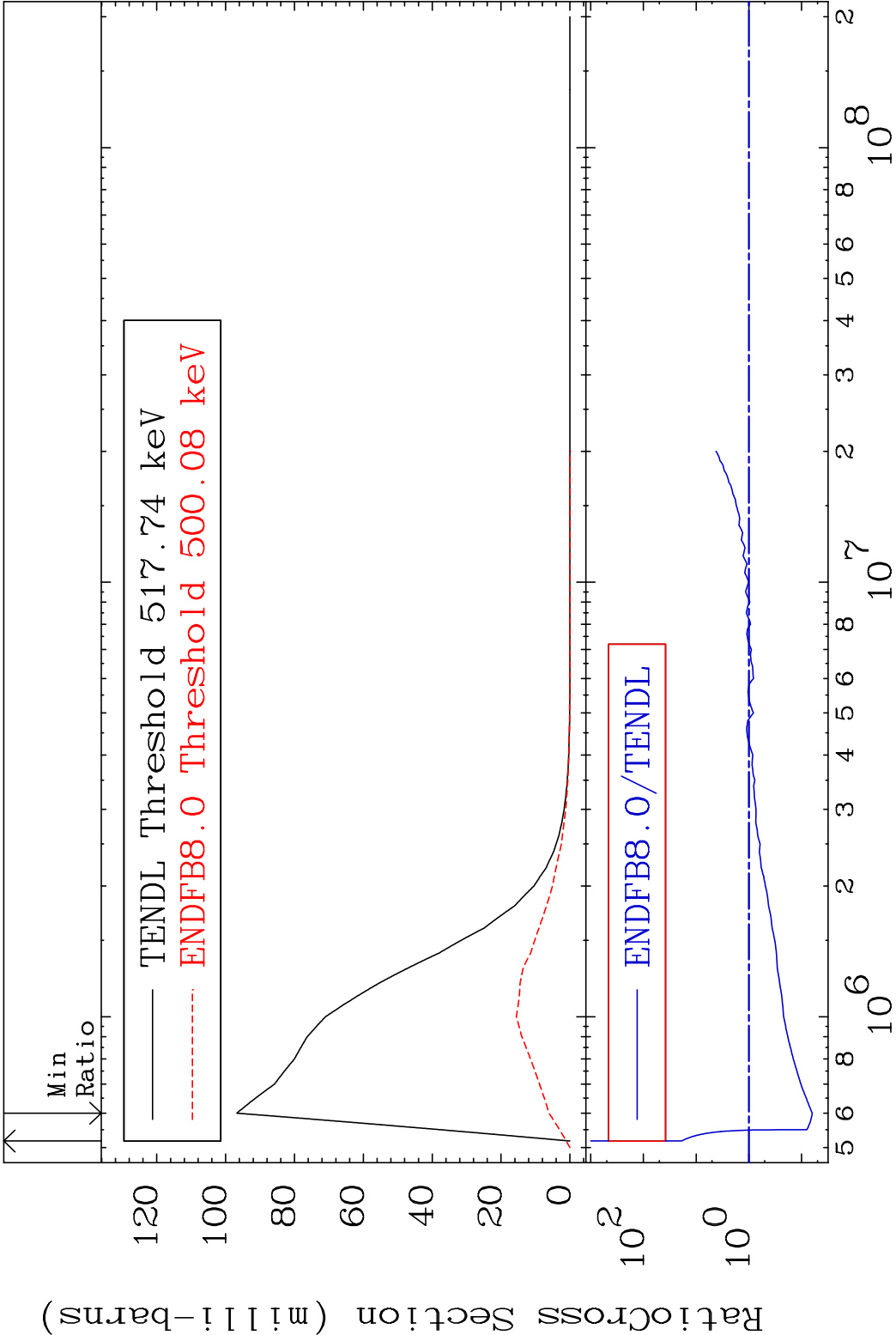
66-Dy-163

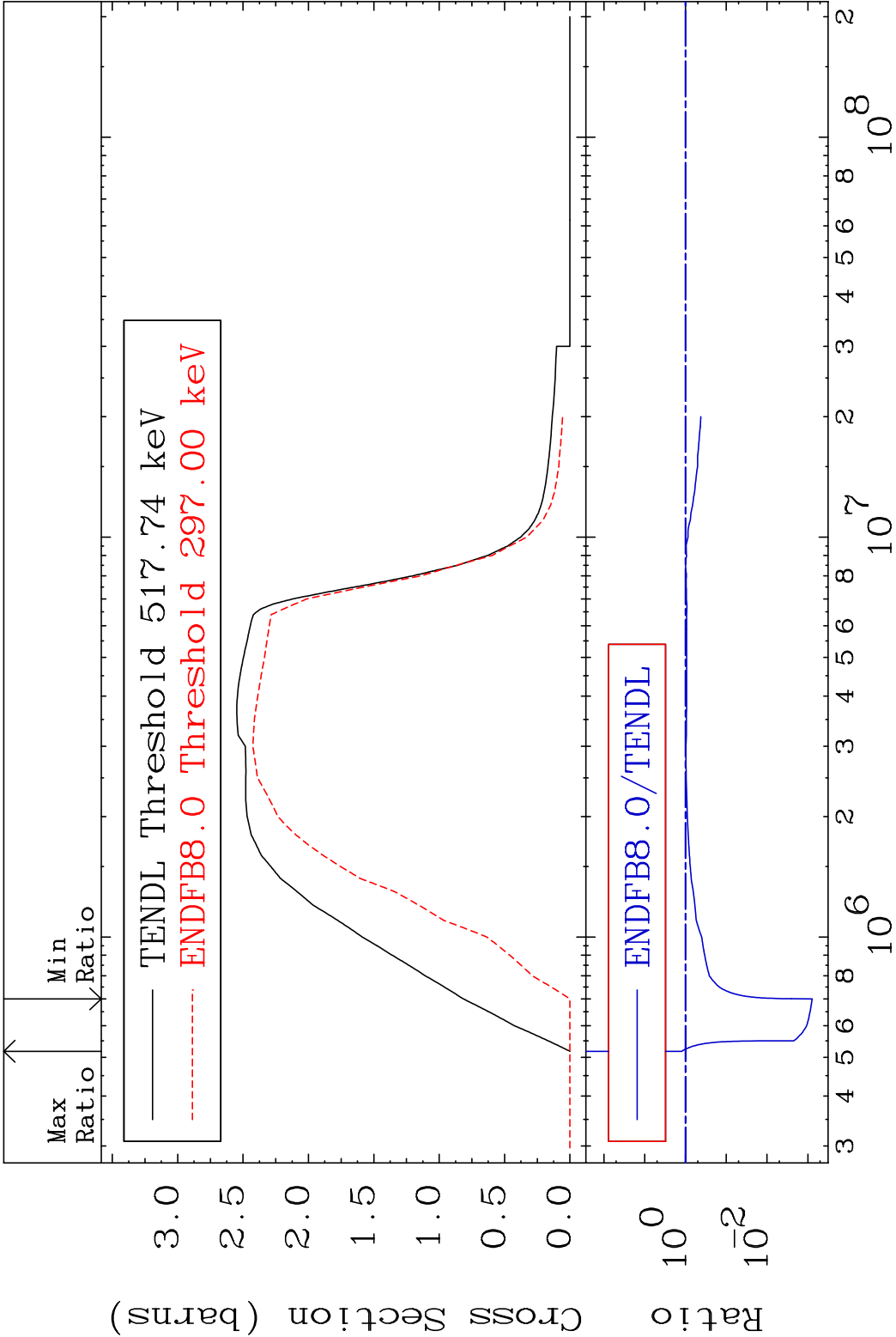
Cross Section

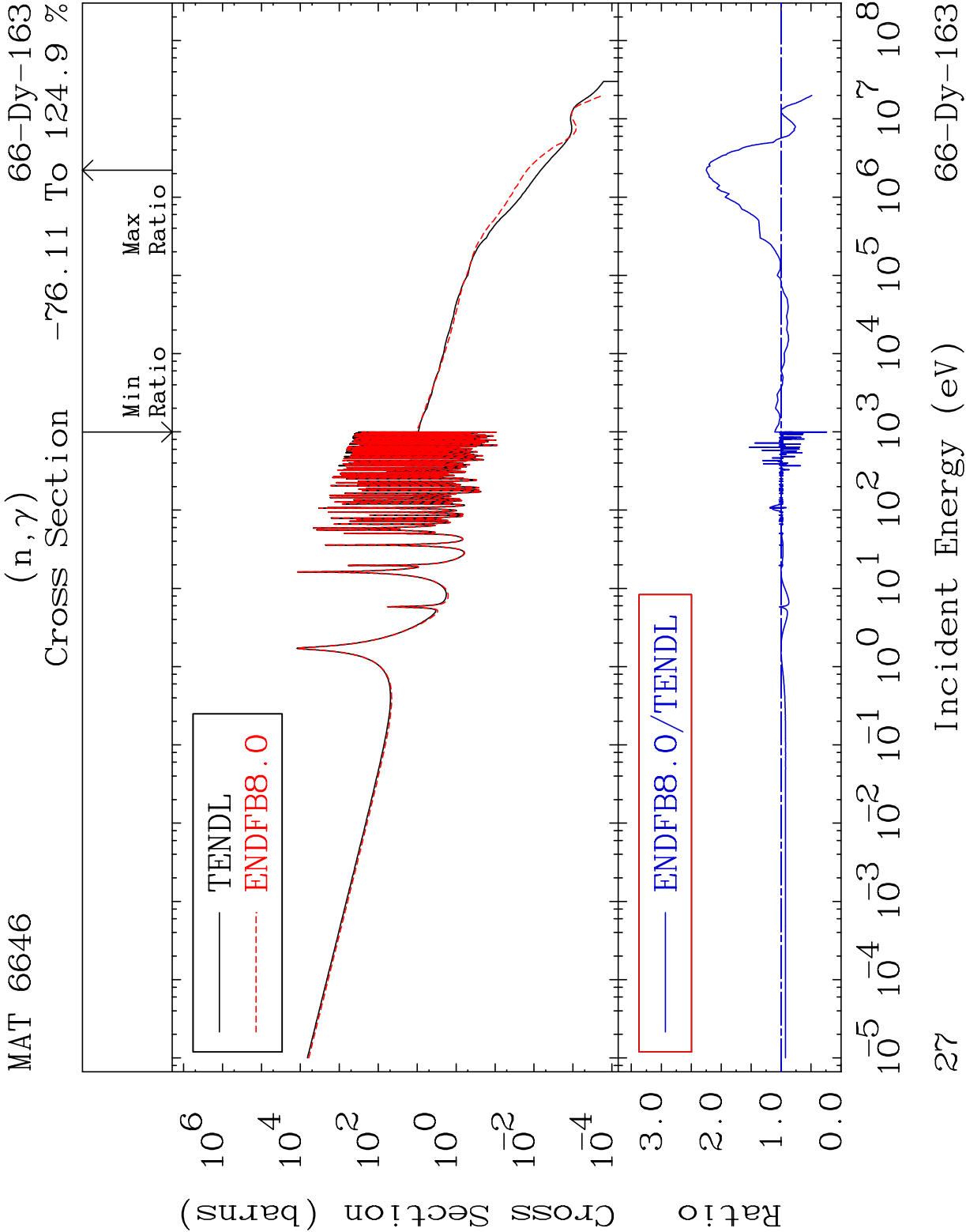
-11.89 To 341.0 %

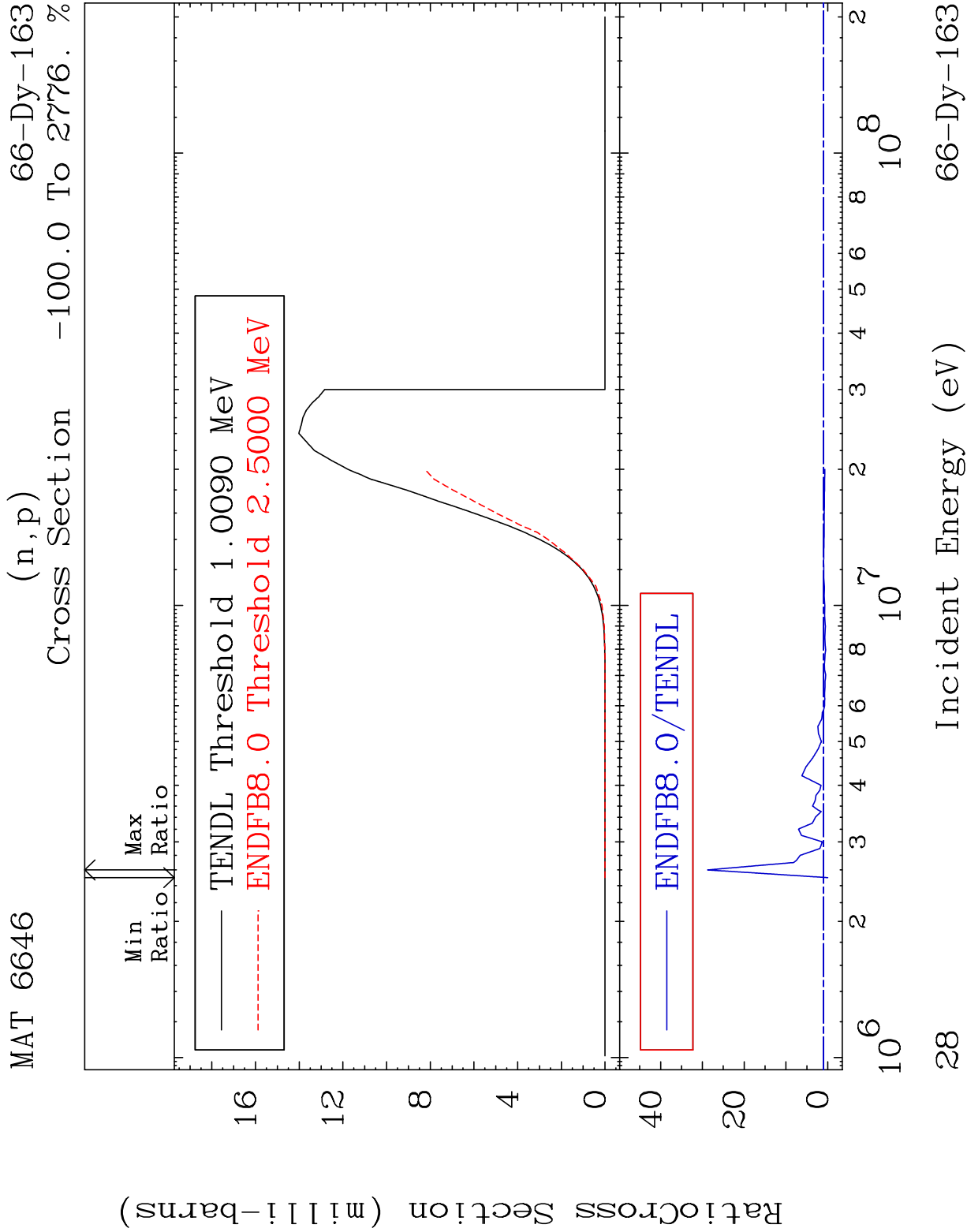


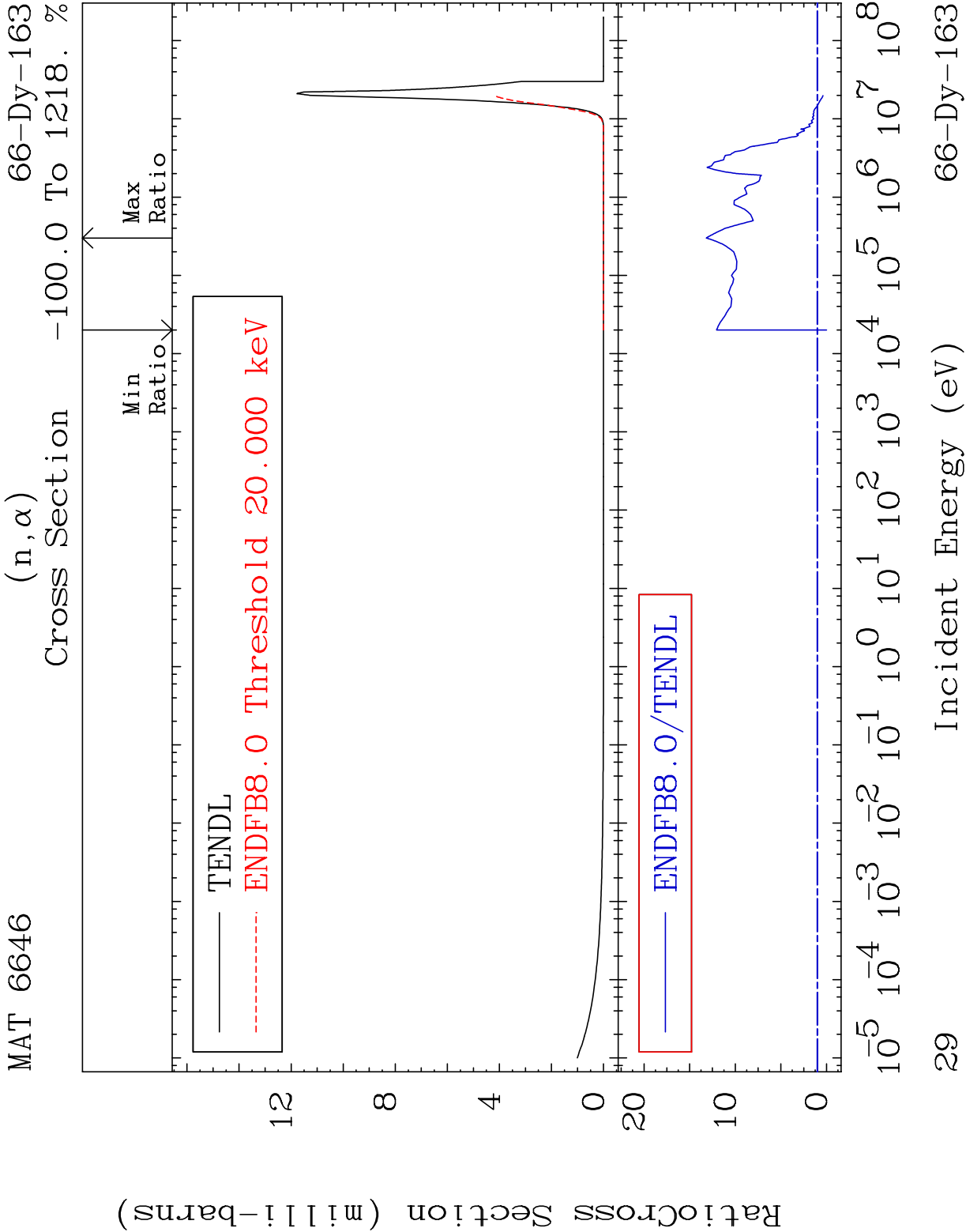


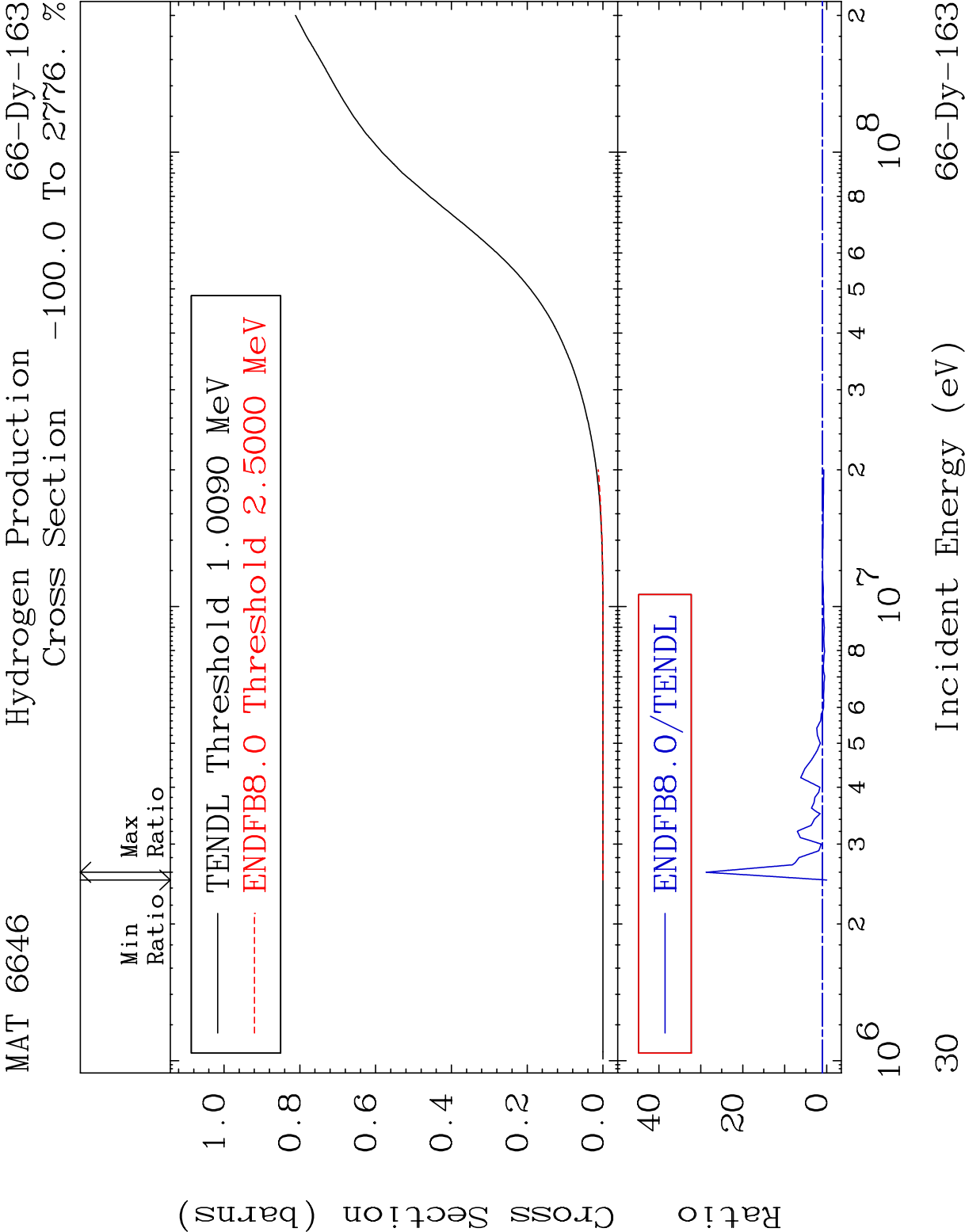


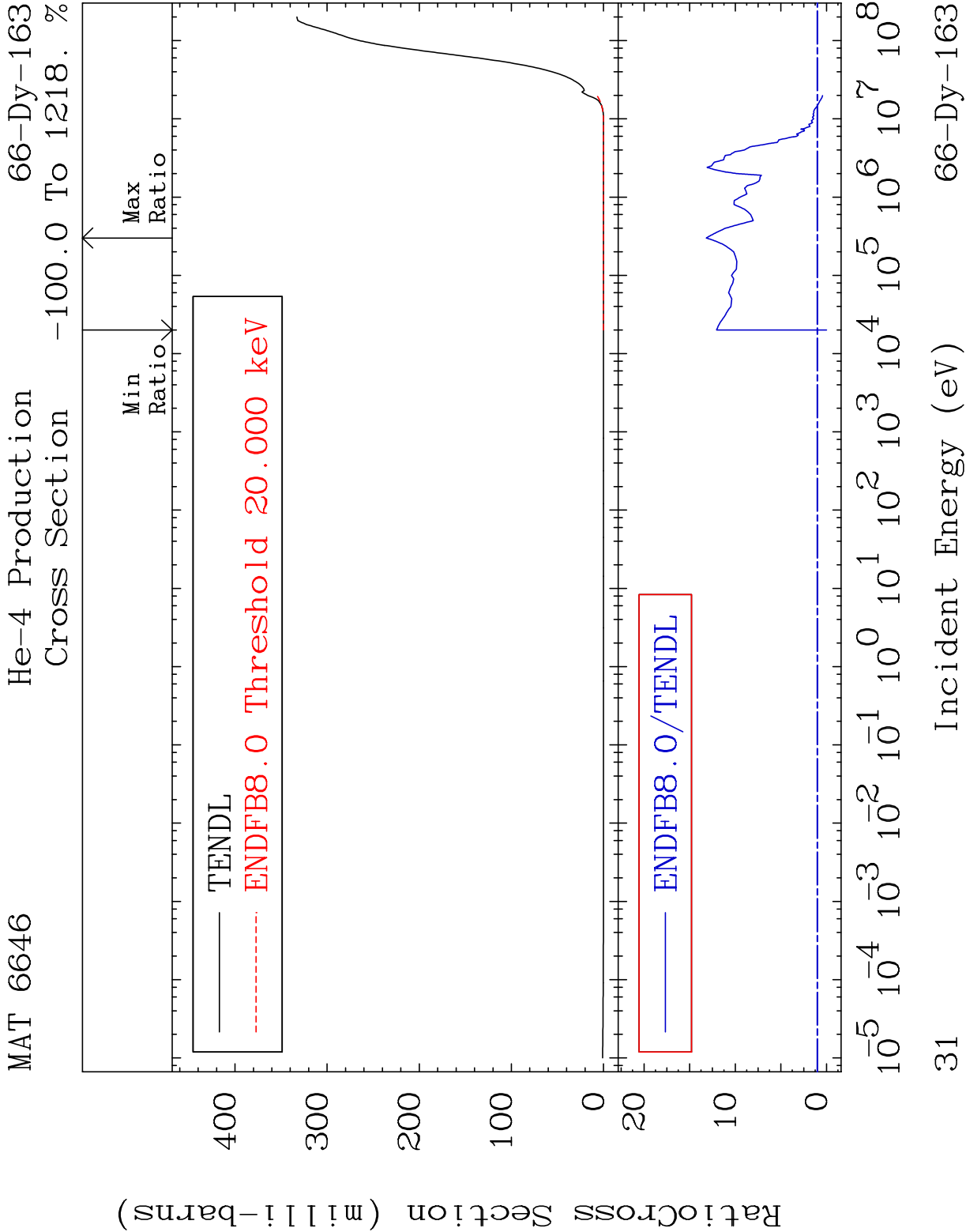




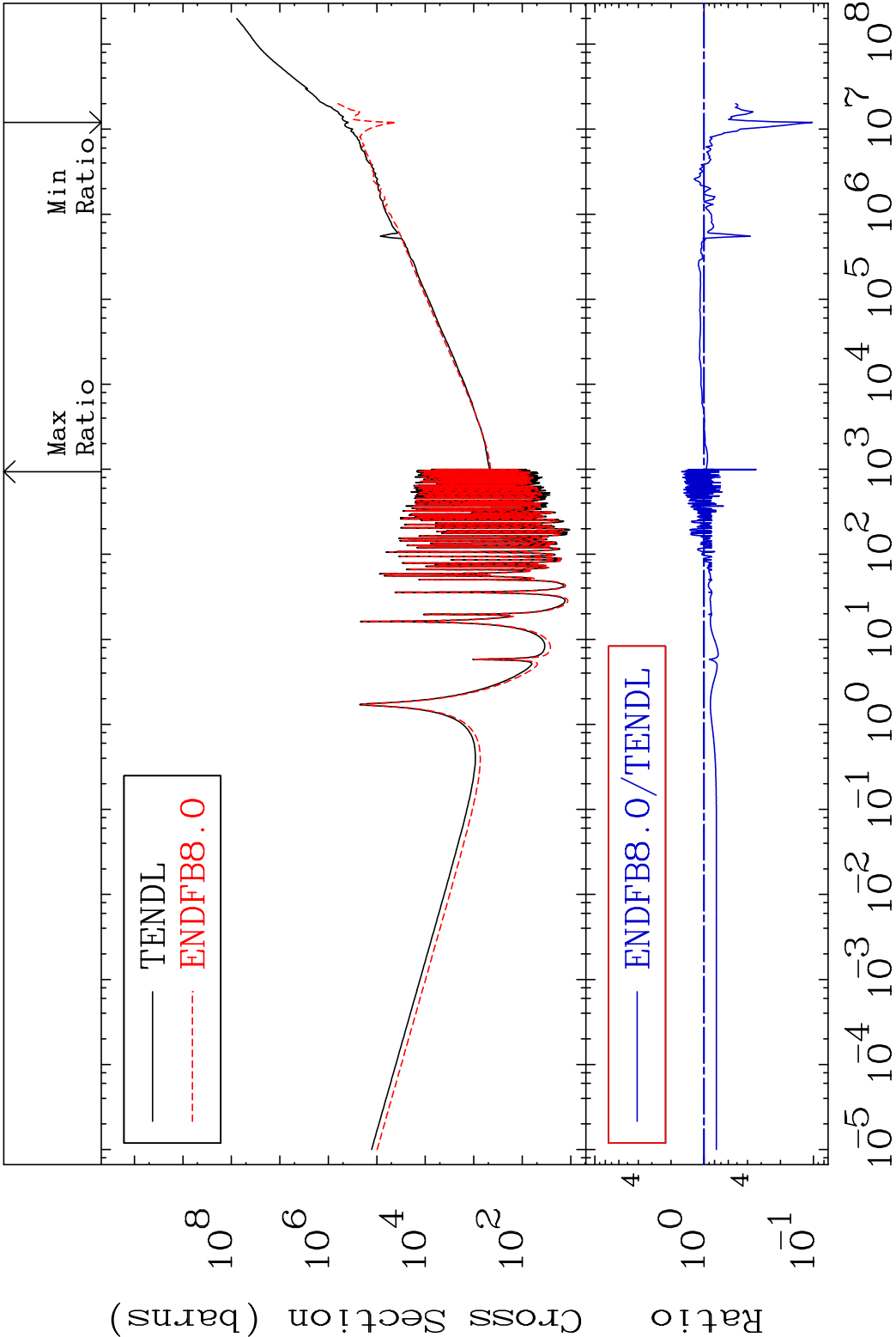




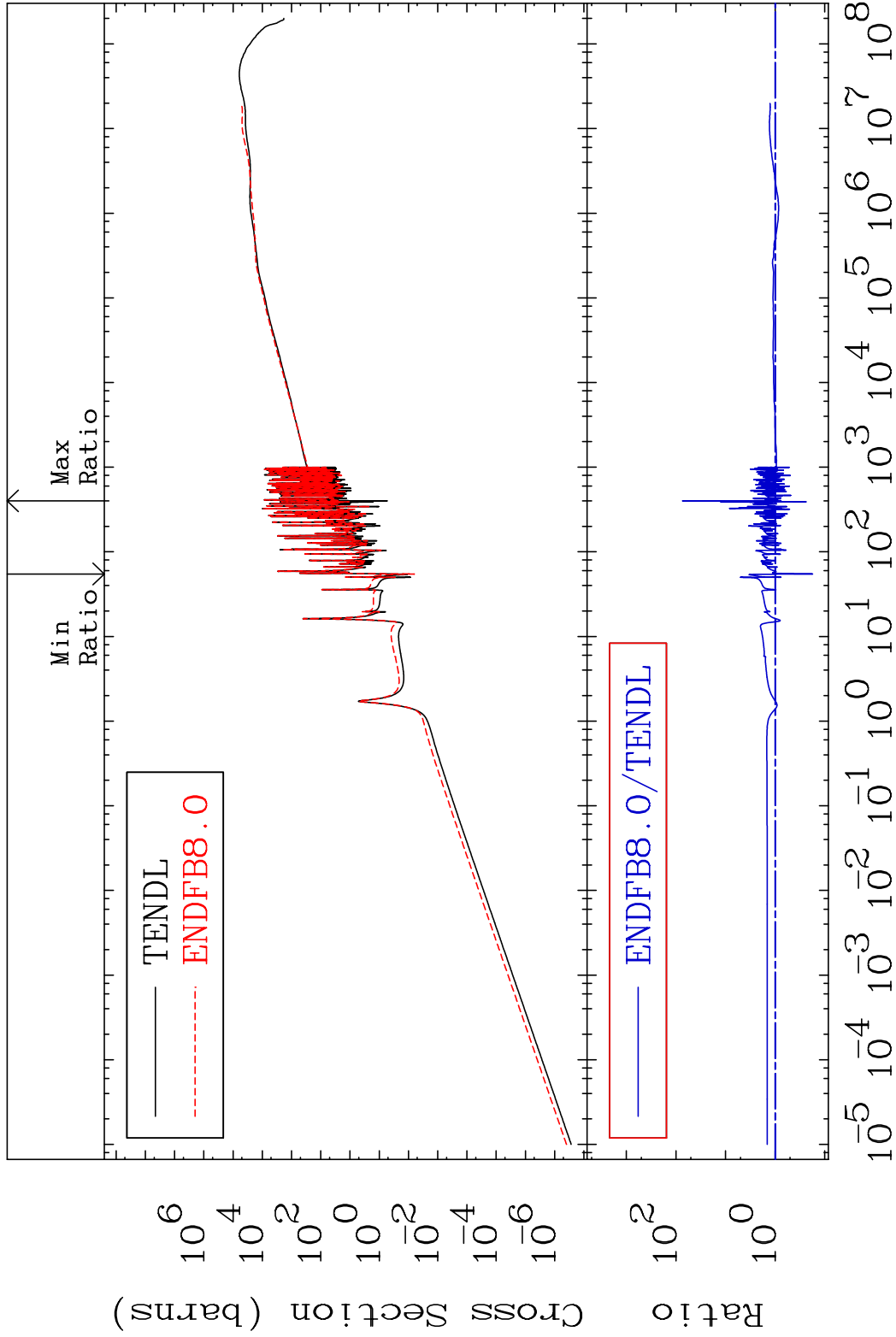




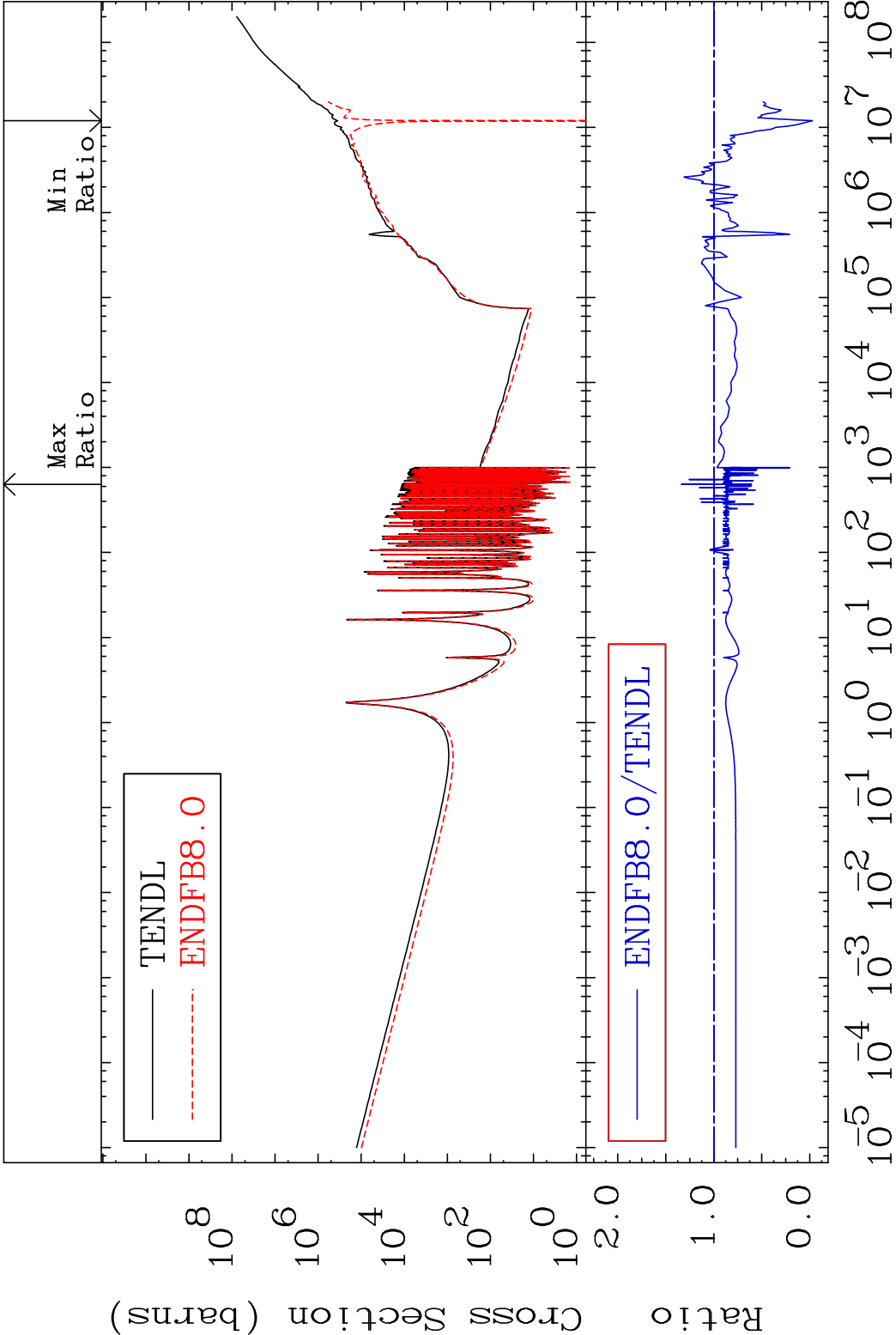
MAT 6646	Kerma total (eV-barns)	66-Dy-163
	Cross Section	-89.76 To 60.57 %



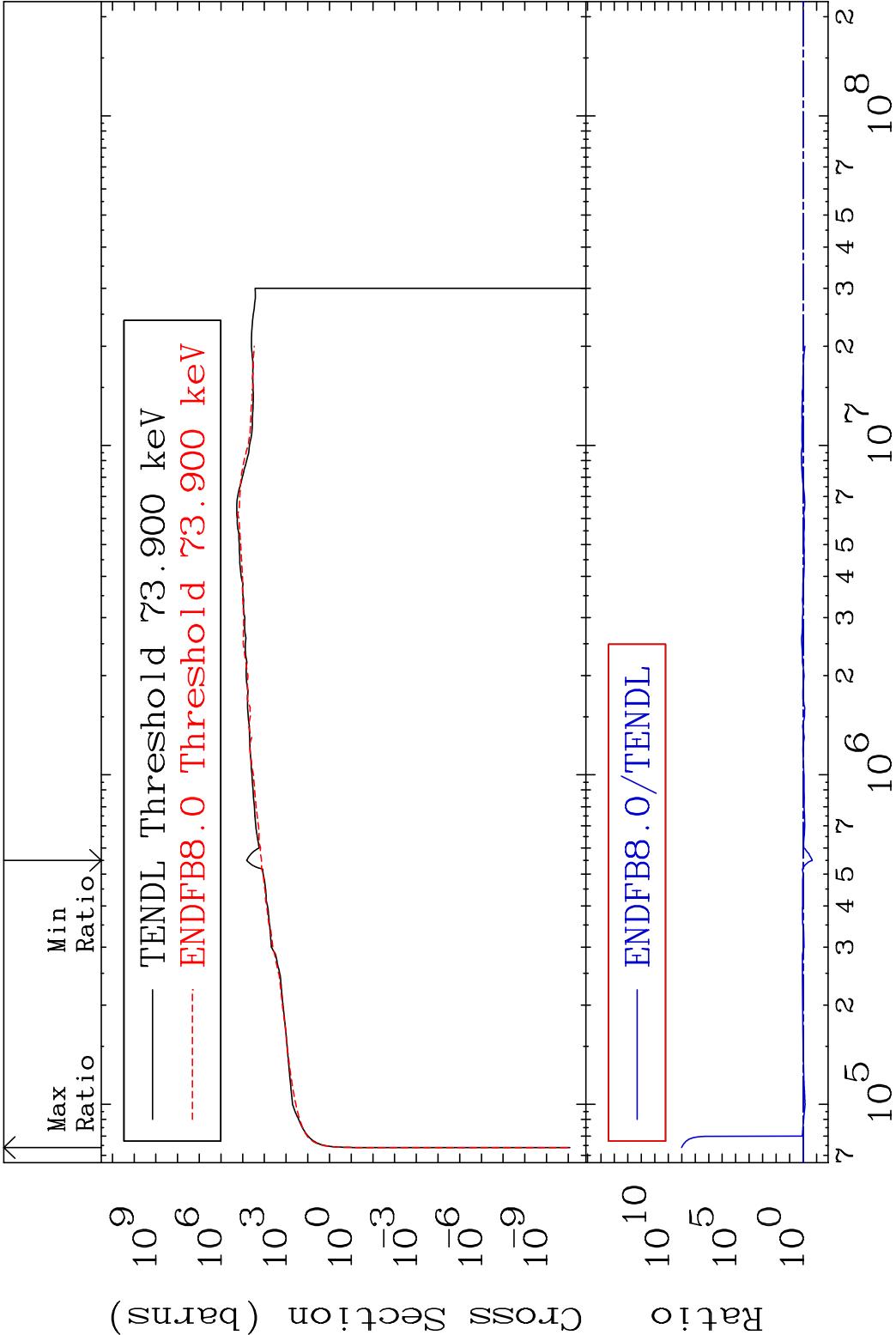
MAT 6646 Kerma elastic 66-Dy-163
Cross Section -82.39 To 7314. %



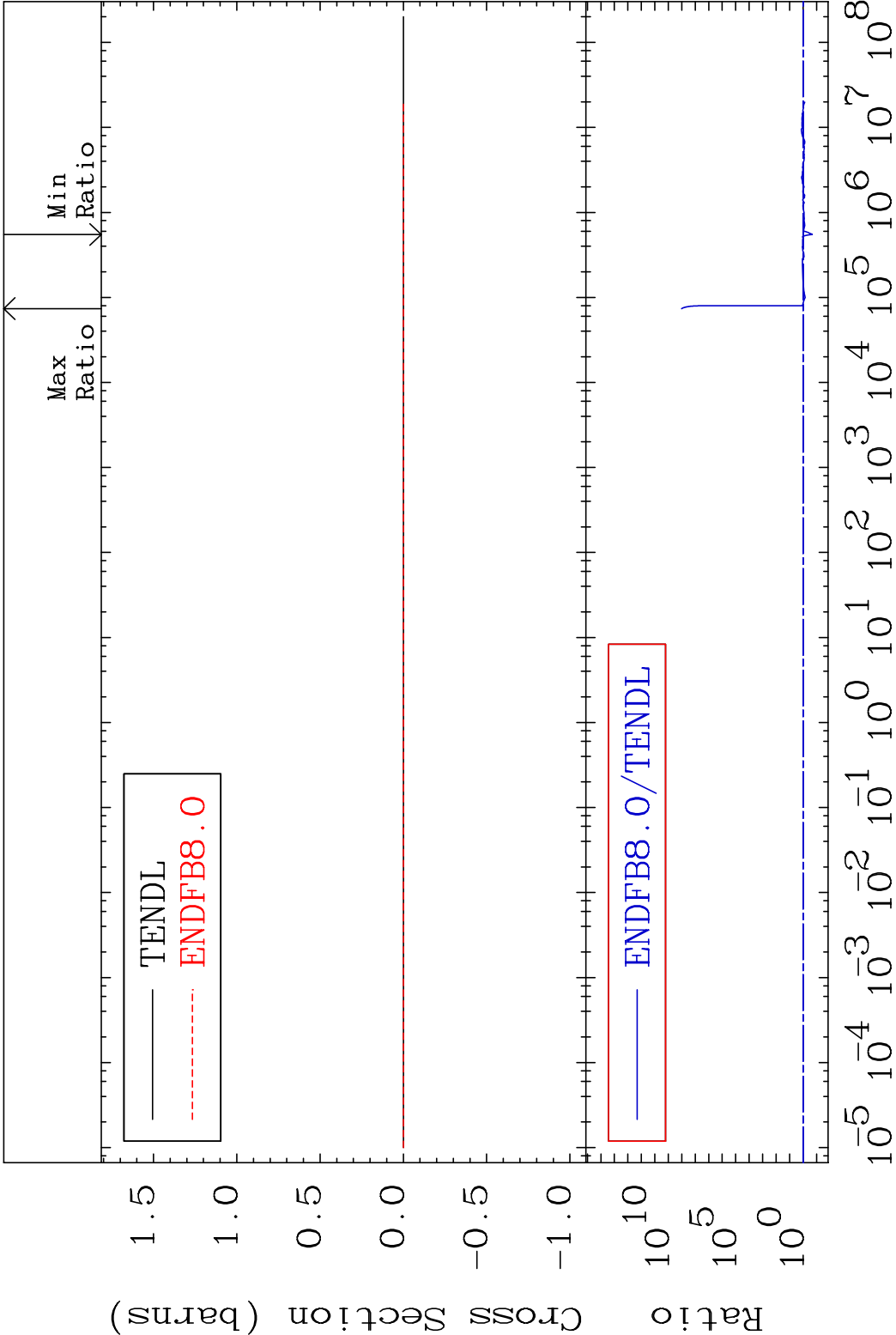
MAT 6646 Kerma non-elastic (all but mt2) 66-Dy-163
Cross Section -102.6 To 33.56 %

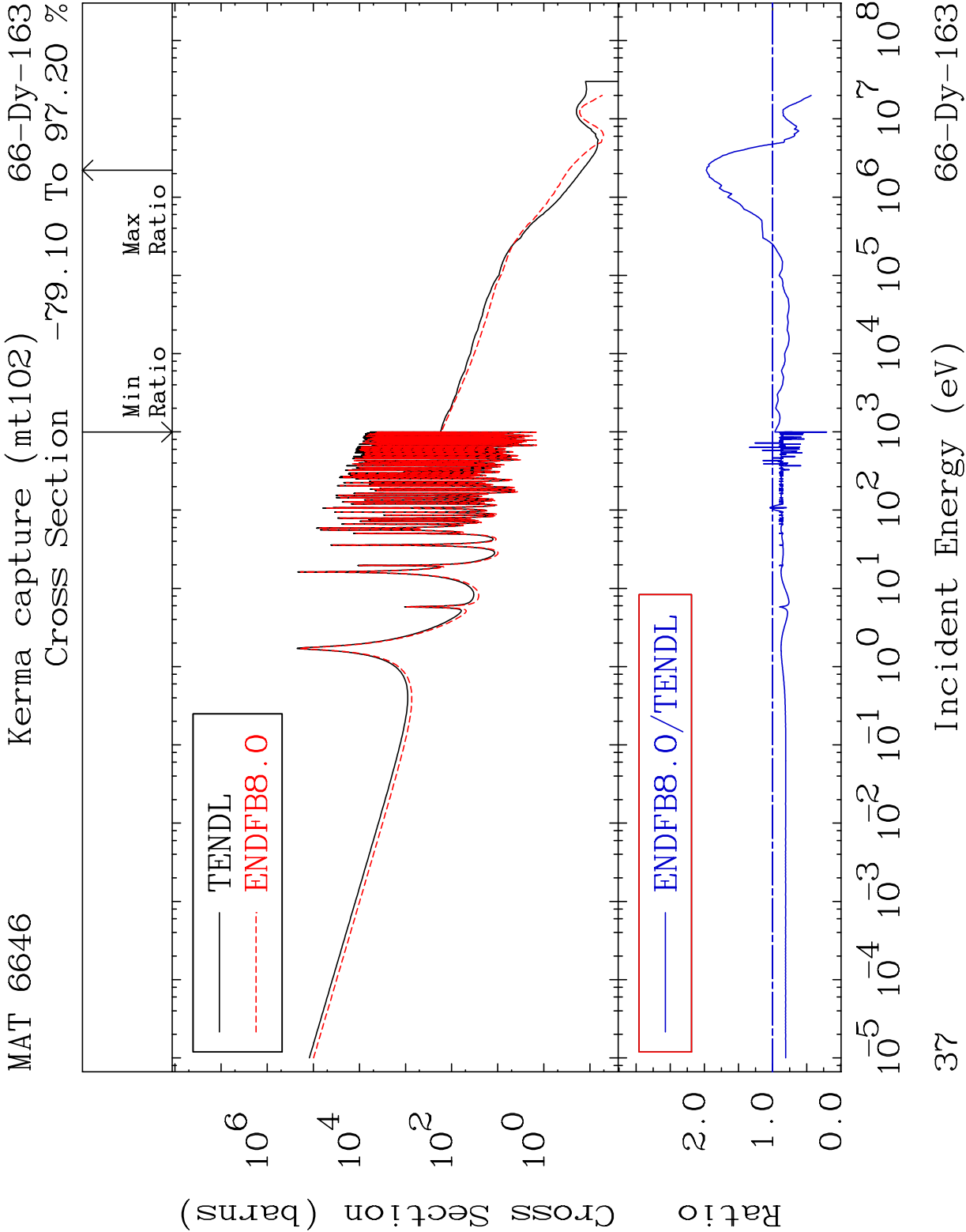


34 Incident Energy (eV) 66-Dy-163

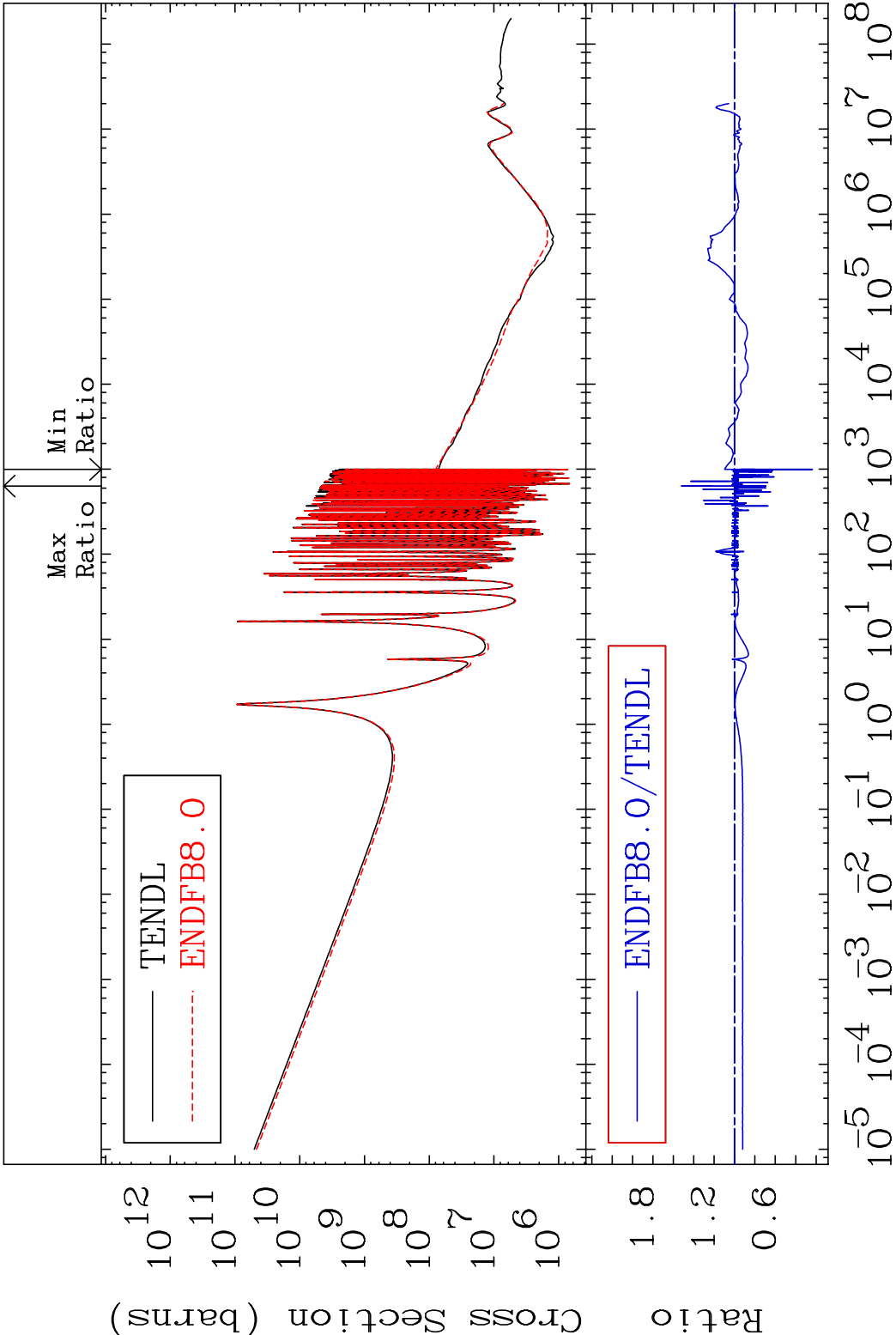


MAT 6646 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-163
Cross Section -79.09 To 9999. %

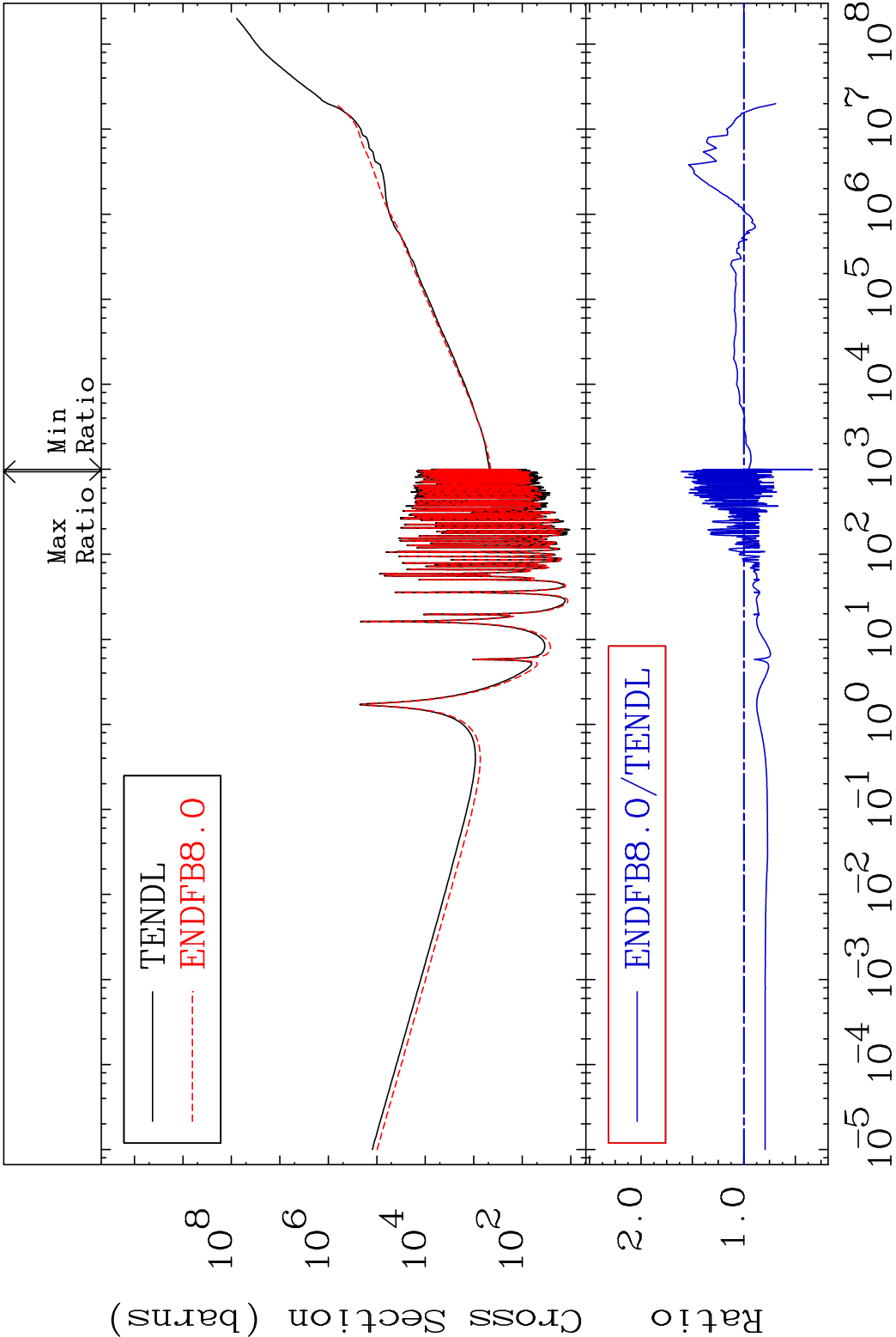


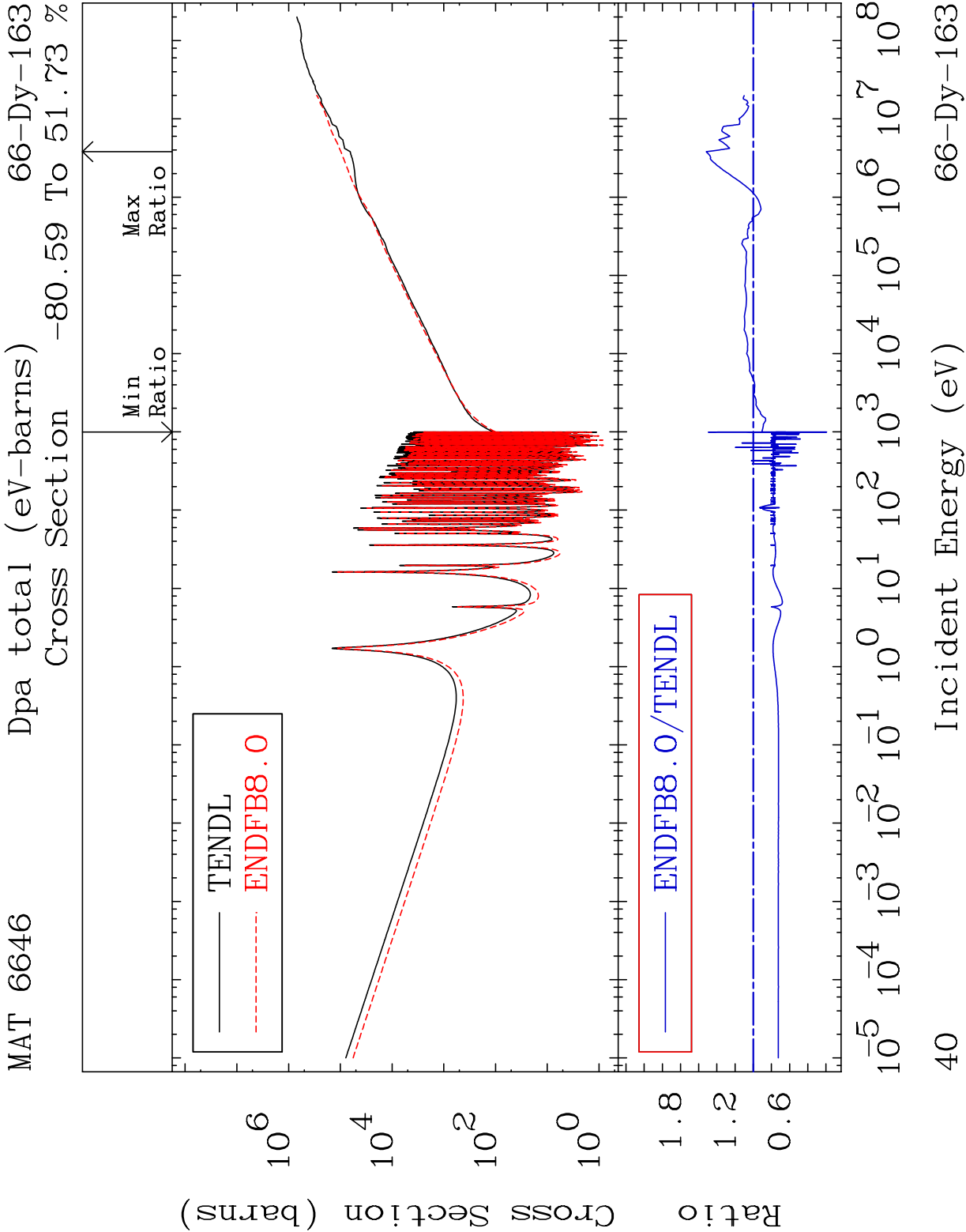


MAT 6646 Total photon (eV-barns) 66-Dy-163
 Cross Section -76.22 To 51.99 %

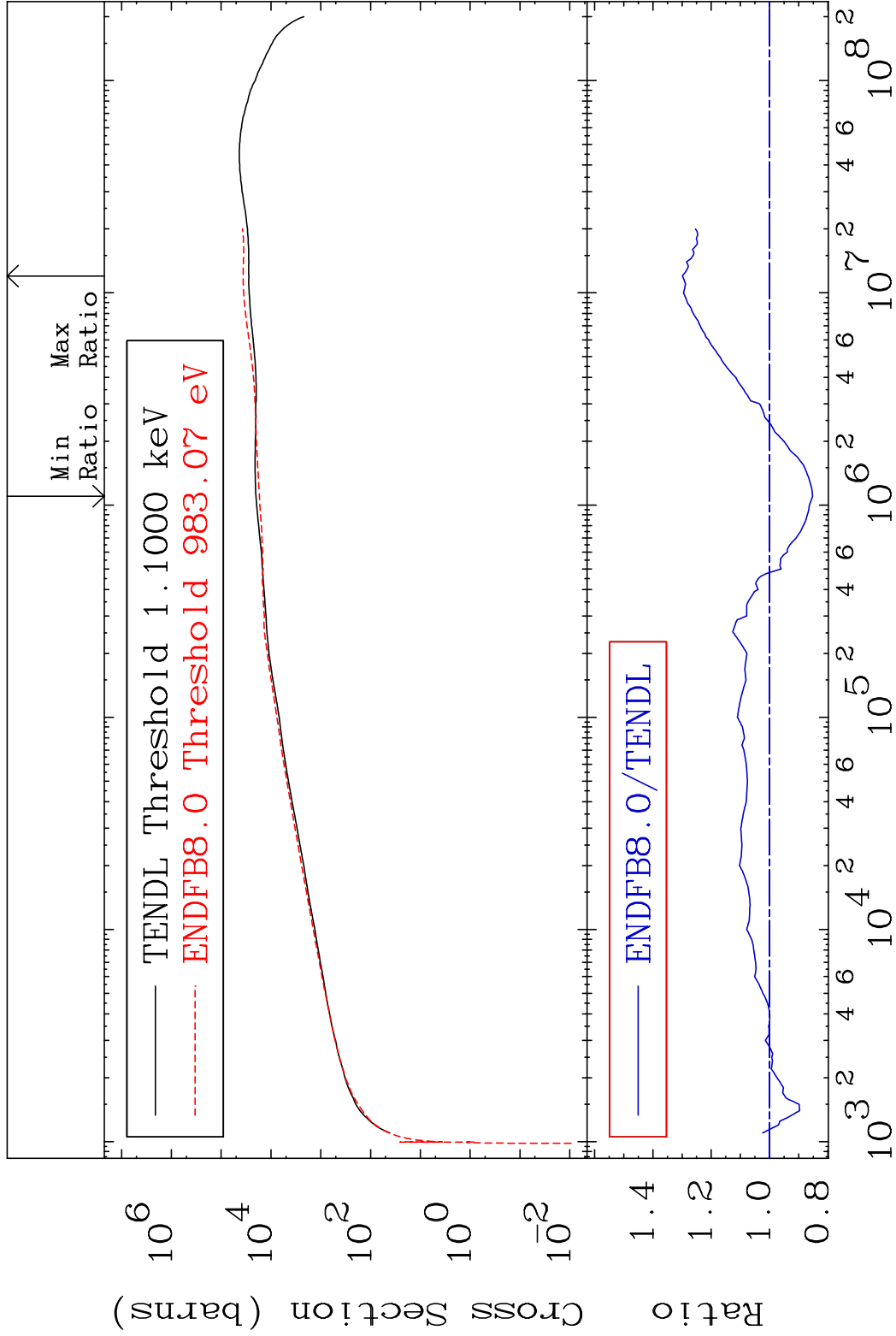


MAT 6646 Total kinematic kerma (high limit) 66-Dy-163
Cross Section -66.47 To 60.57 %

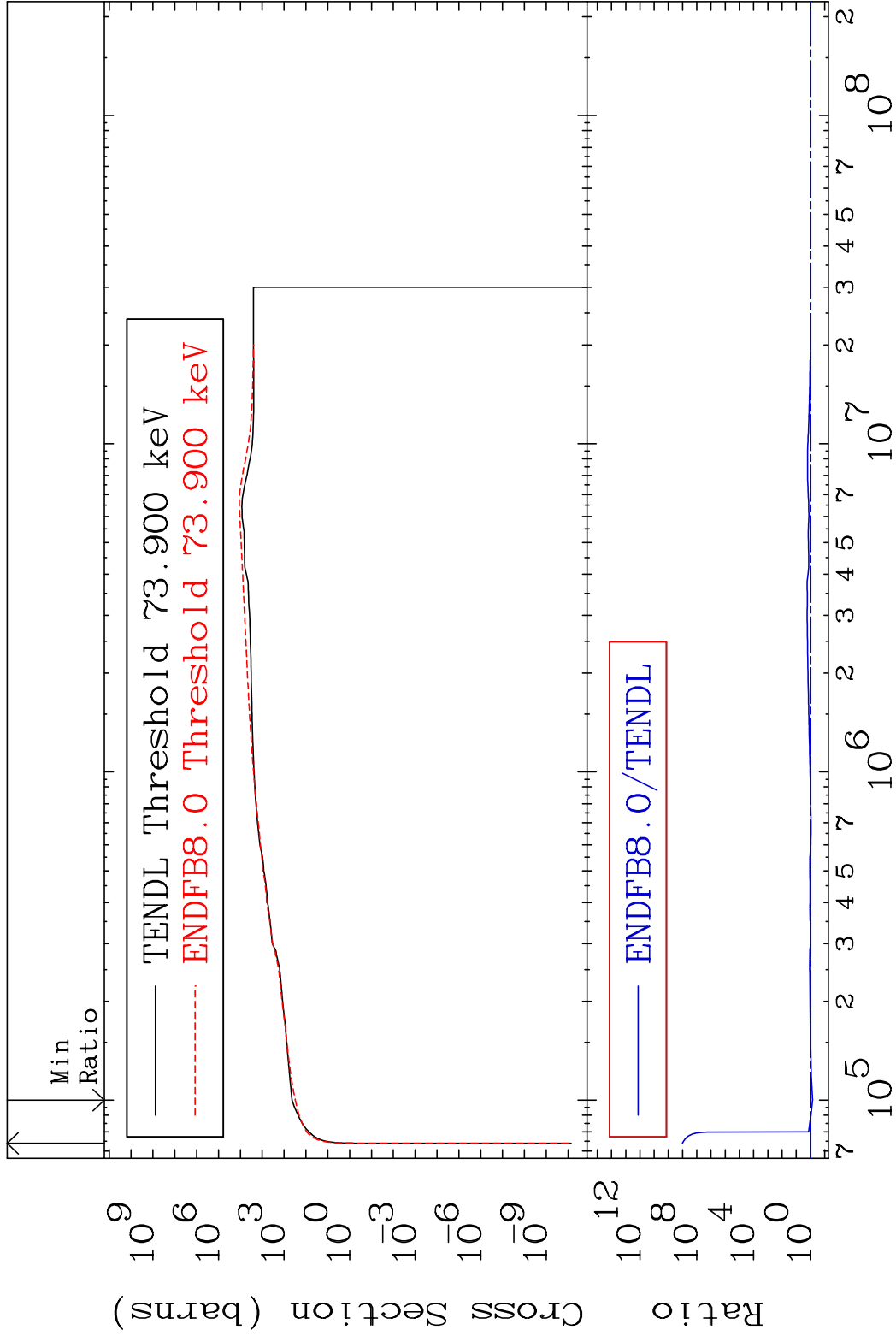




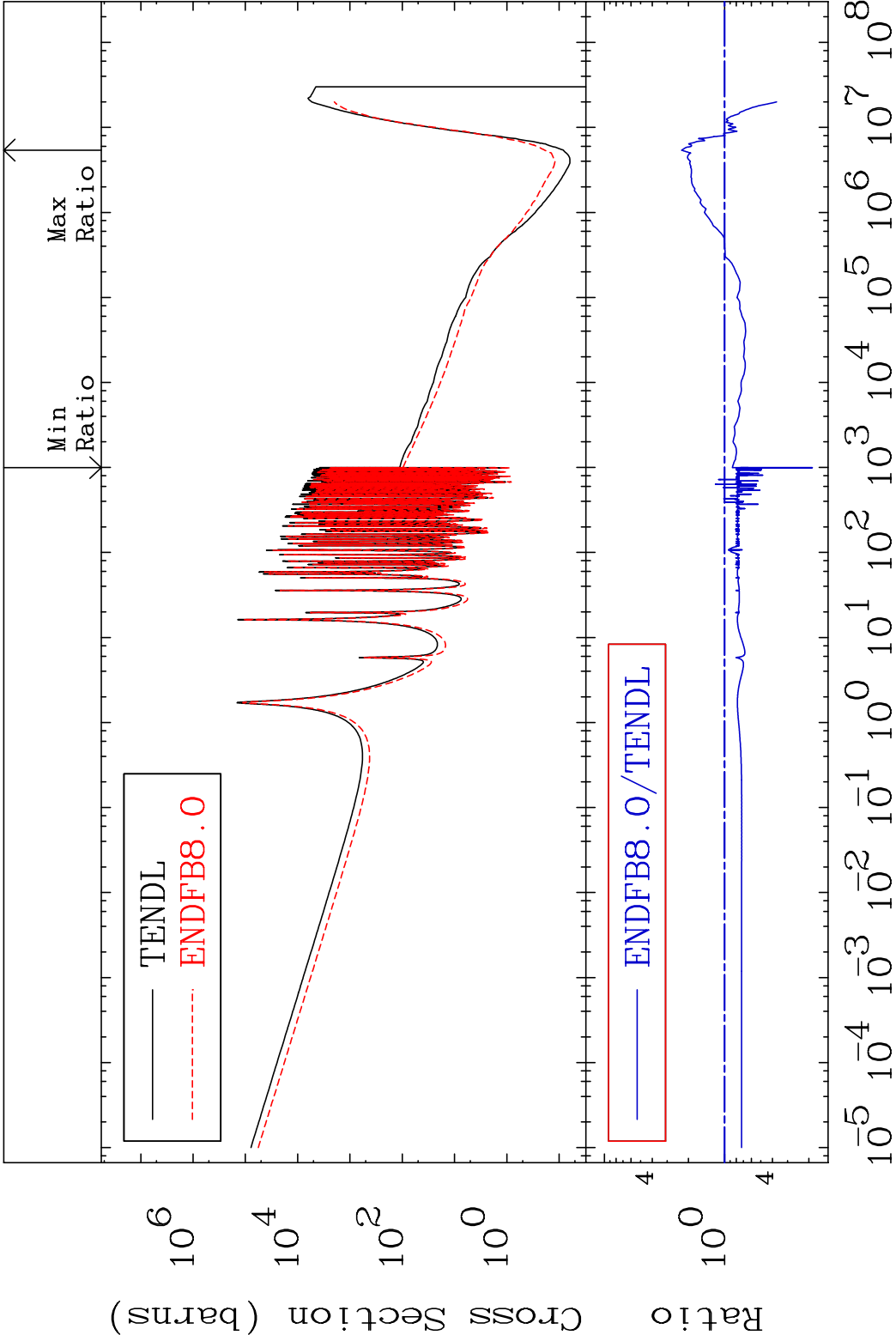
MAT 6646 Dpa elastic (mt2) 66-Dy-163
Cross Section -14.77 To 29.90 %



41 Incident Energy (eV) 66-Dy-163



MAT 6646 Dpa disappearance (mt102 -120) 66-Dy-163
Cross Section -81.29 To 128.2 %



43 Incident Energy (eV) 66-Dy-163