

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way

Livermore, CA 94550

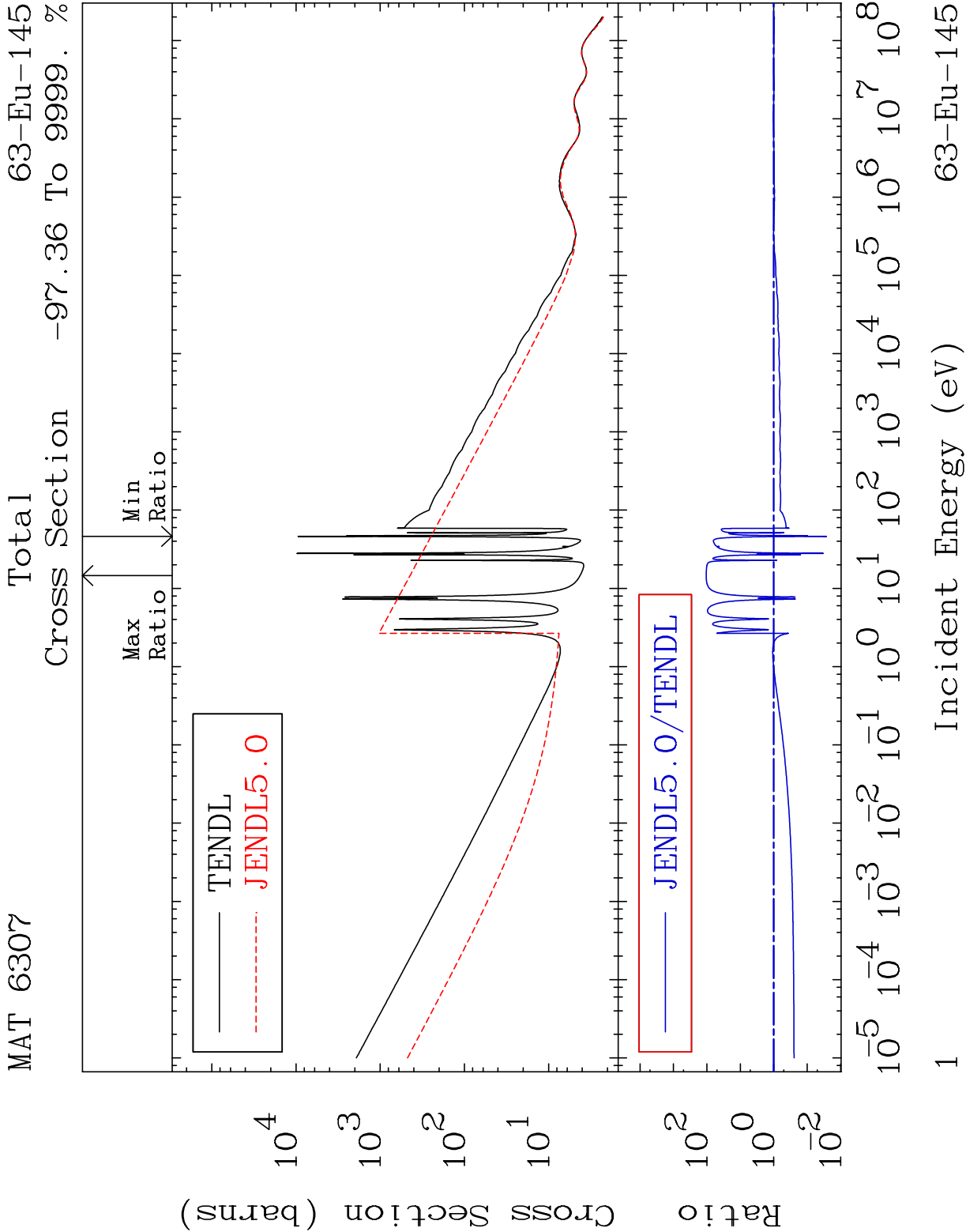
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

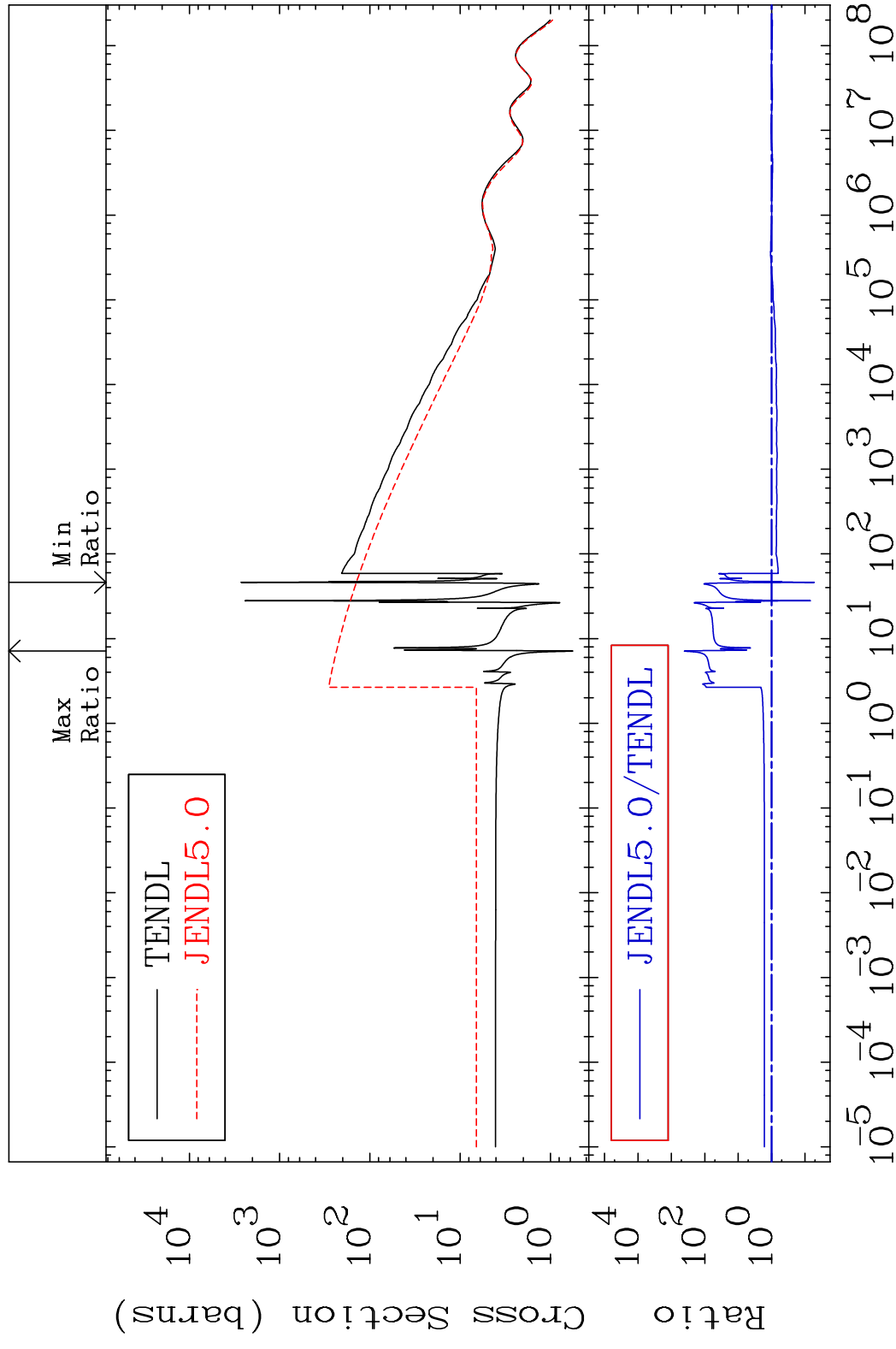


MAT 6307

Elastic

63-Eu-145

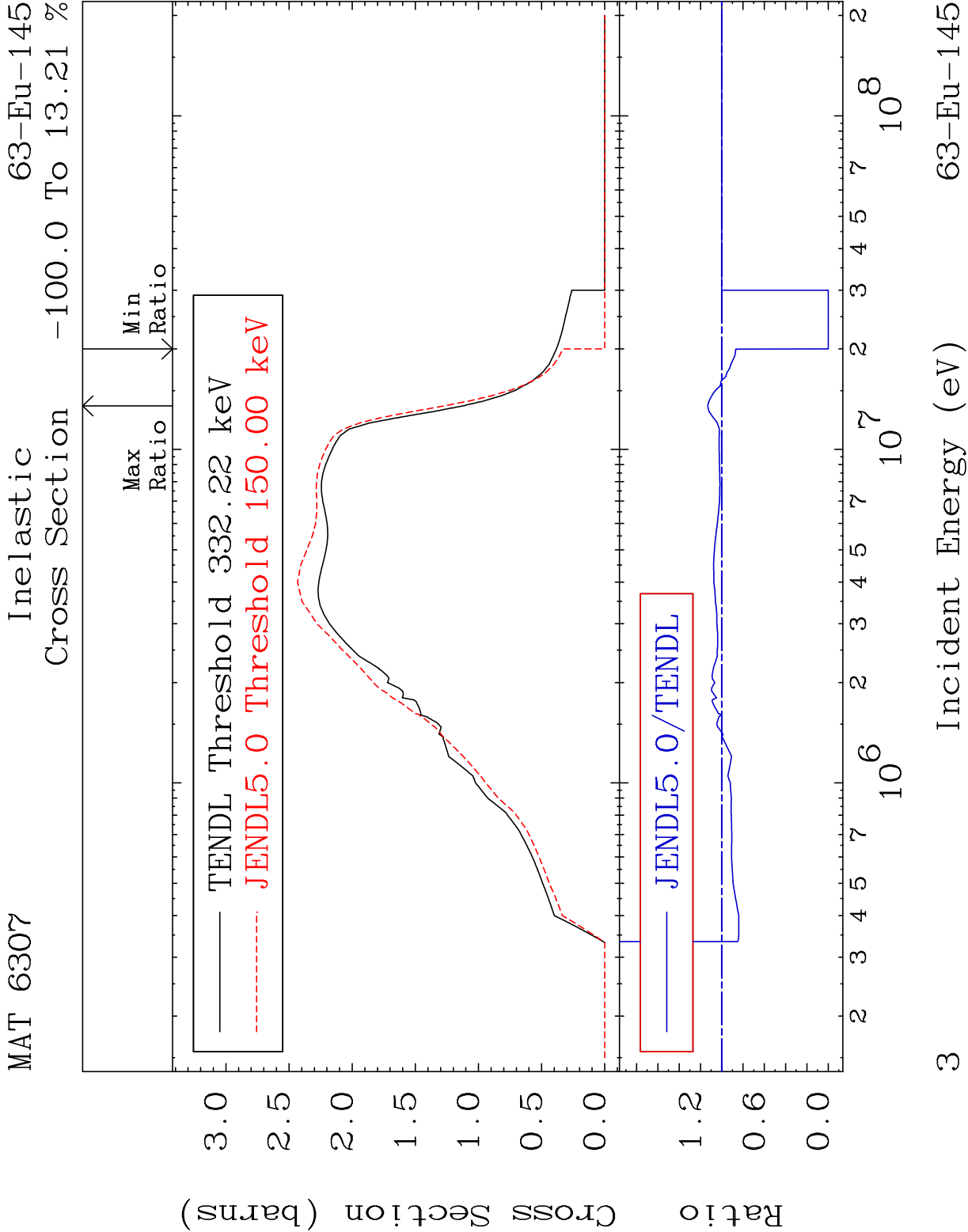
Cross Section -94.74 To 9999. %



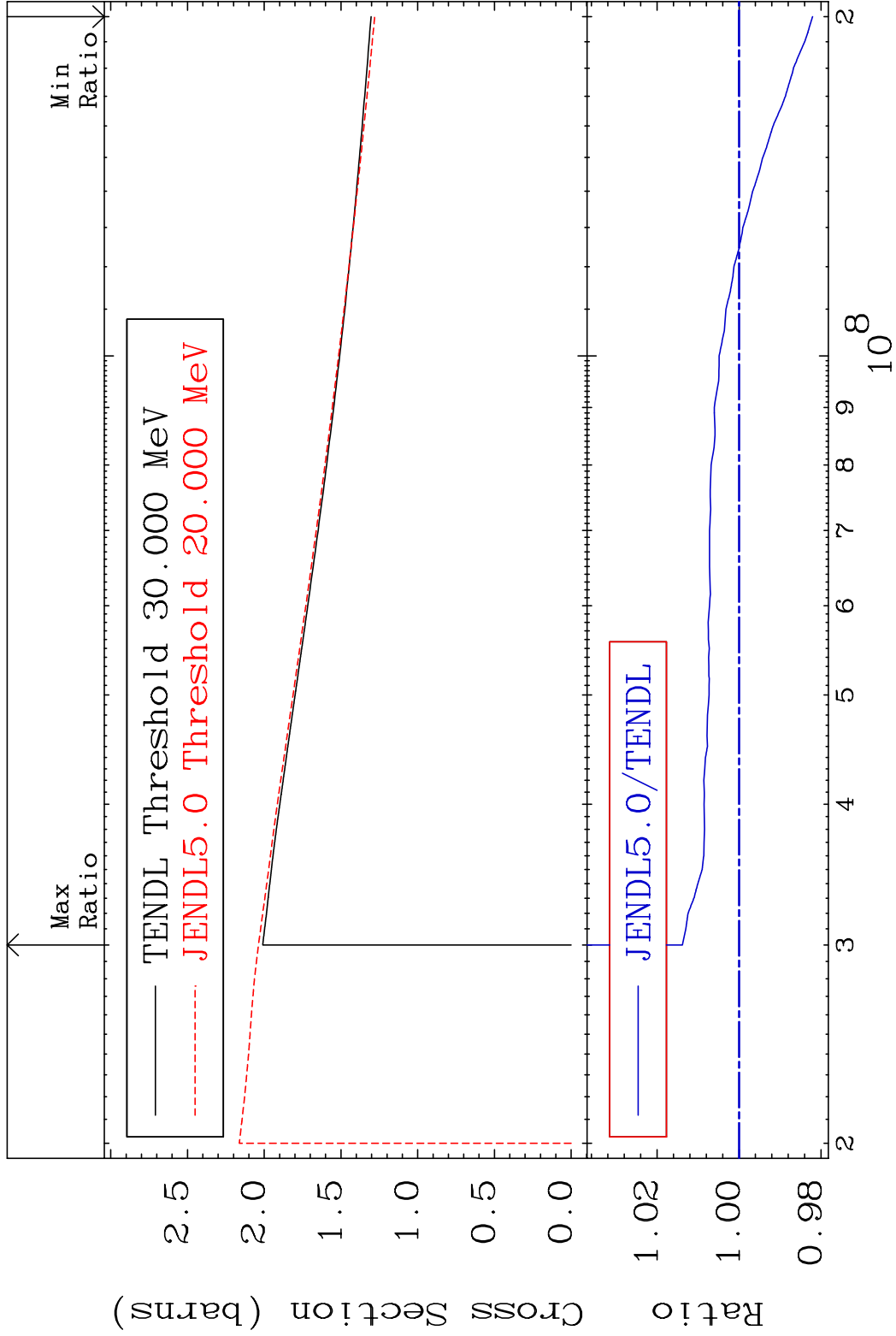
2

Incident Energy (eV)

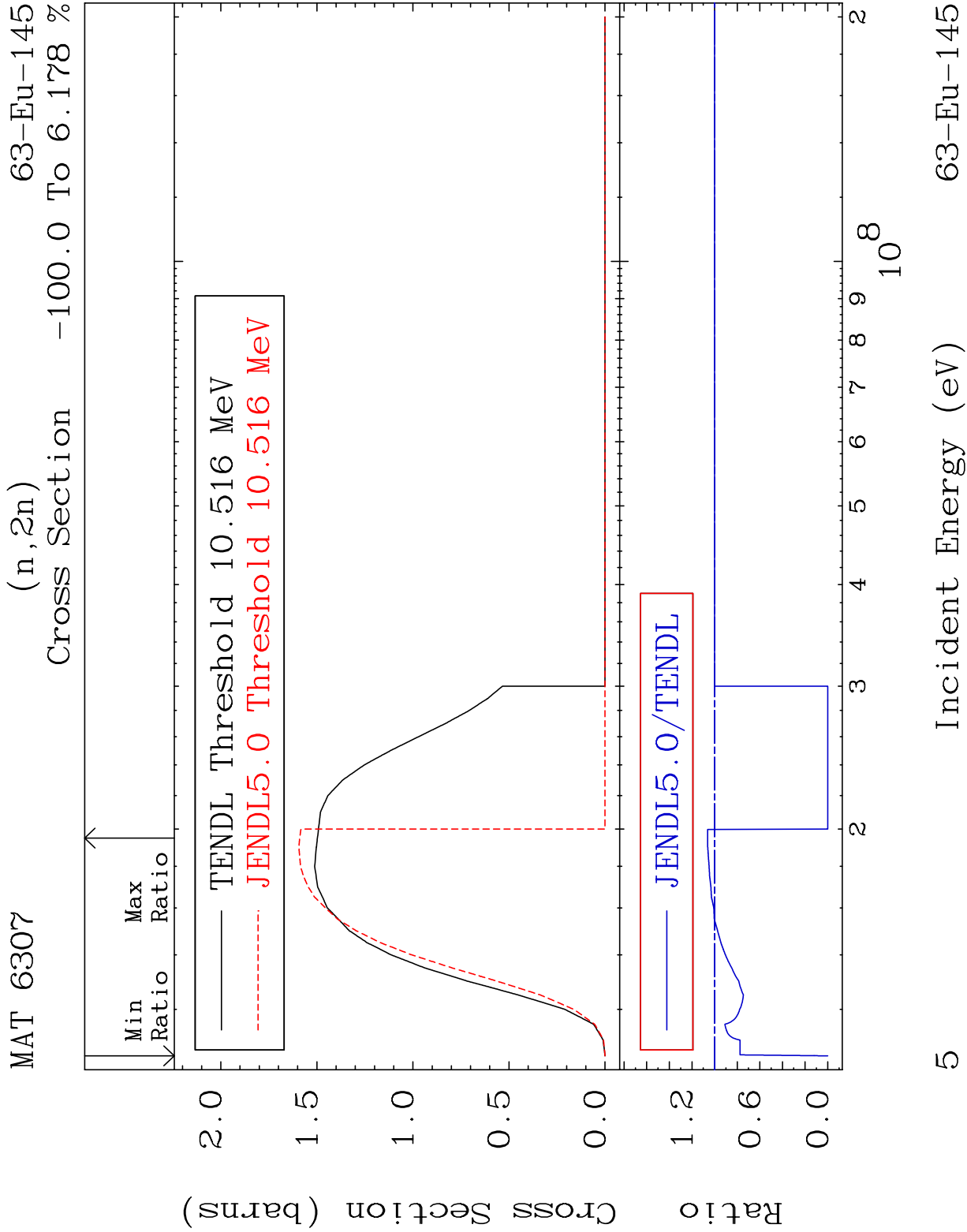
63-Eu-145

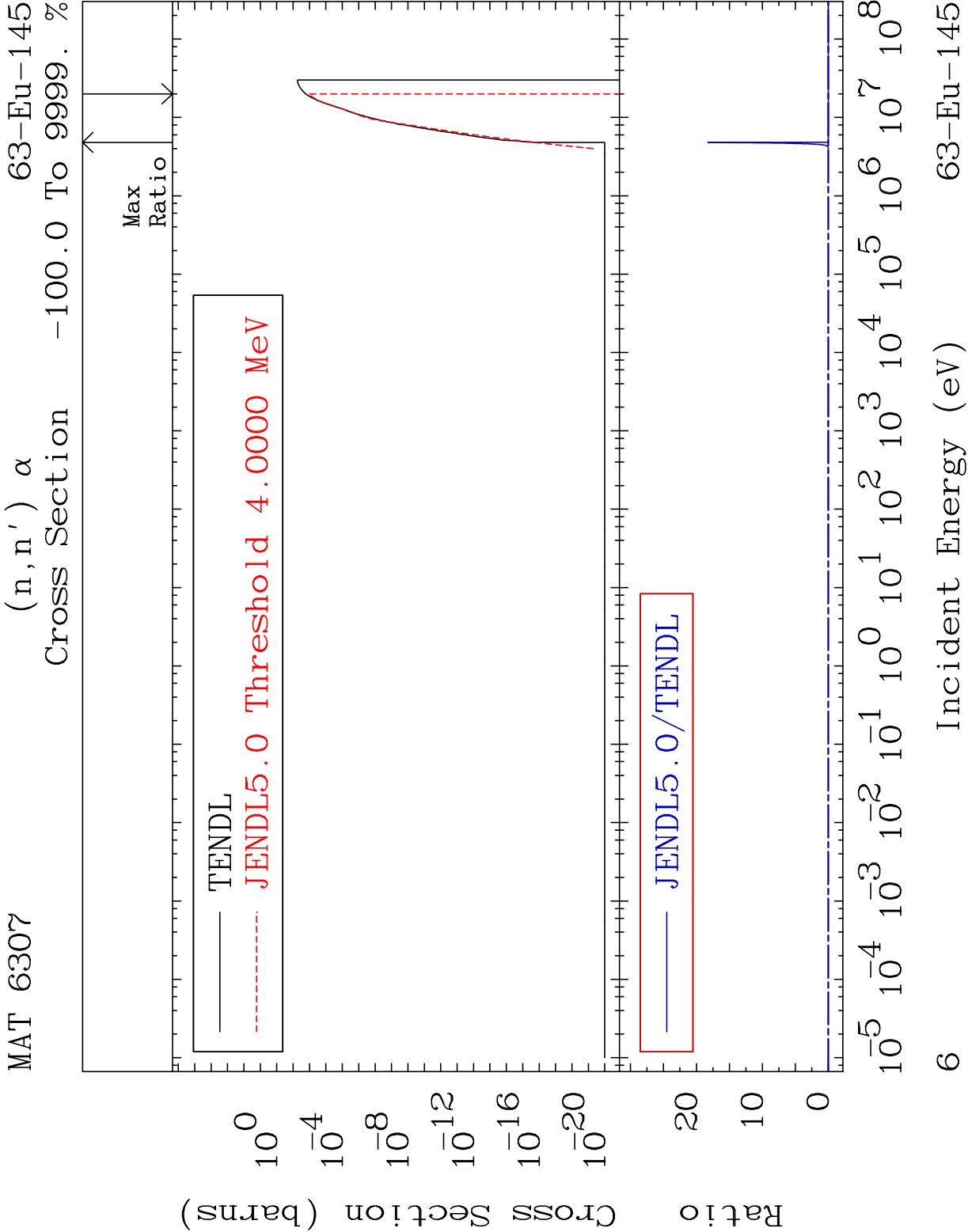


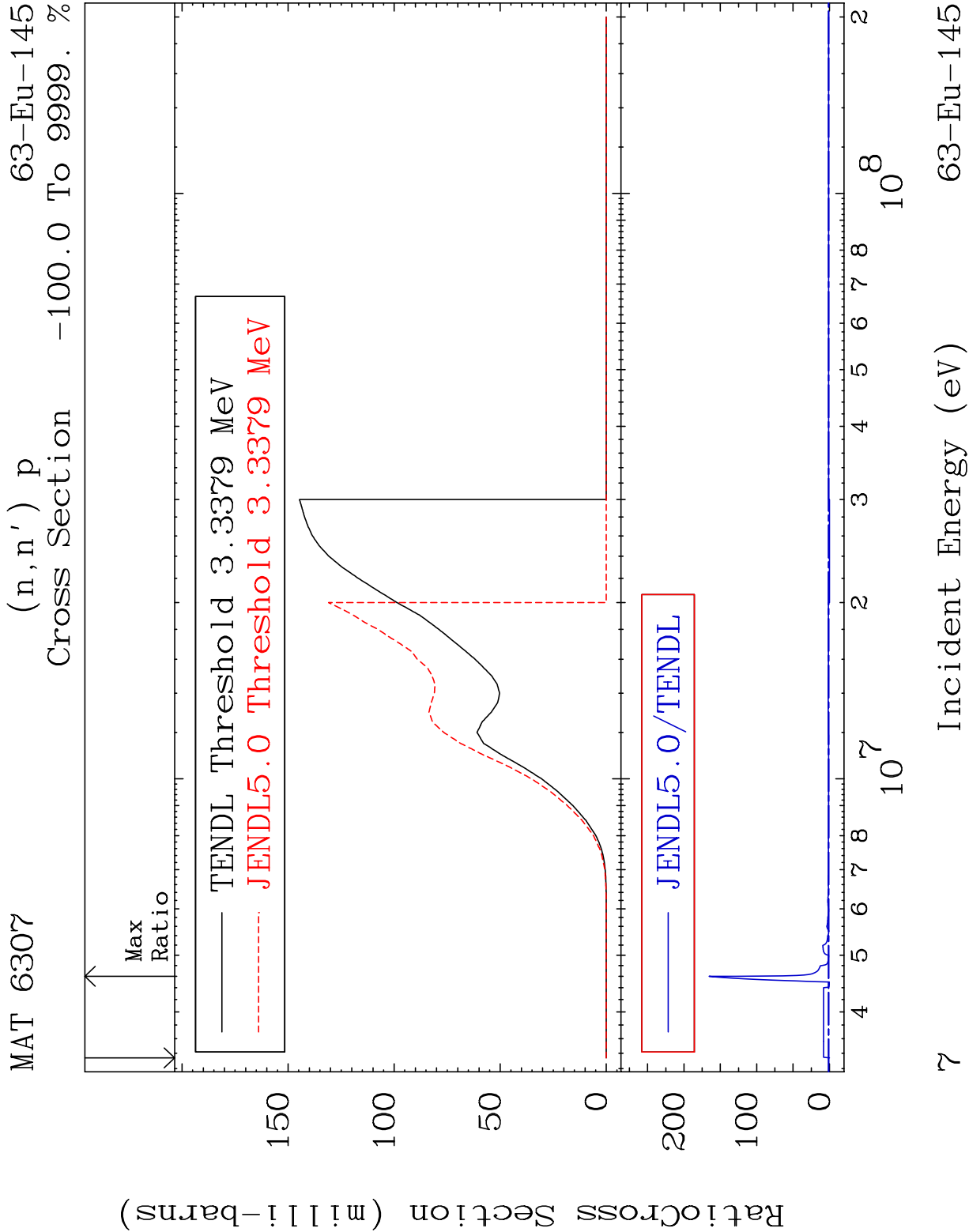
MAT 6307 (n,remainder) 63-Eu-145
Cross Section -1.792 To 1.383 %

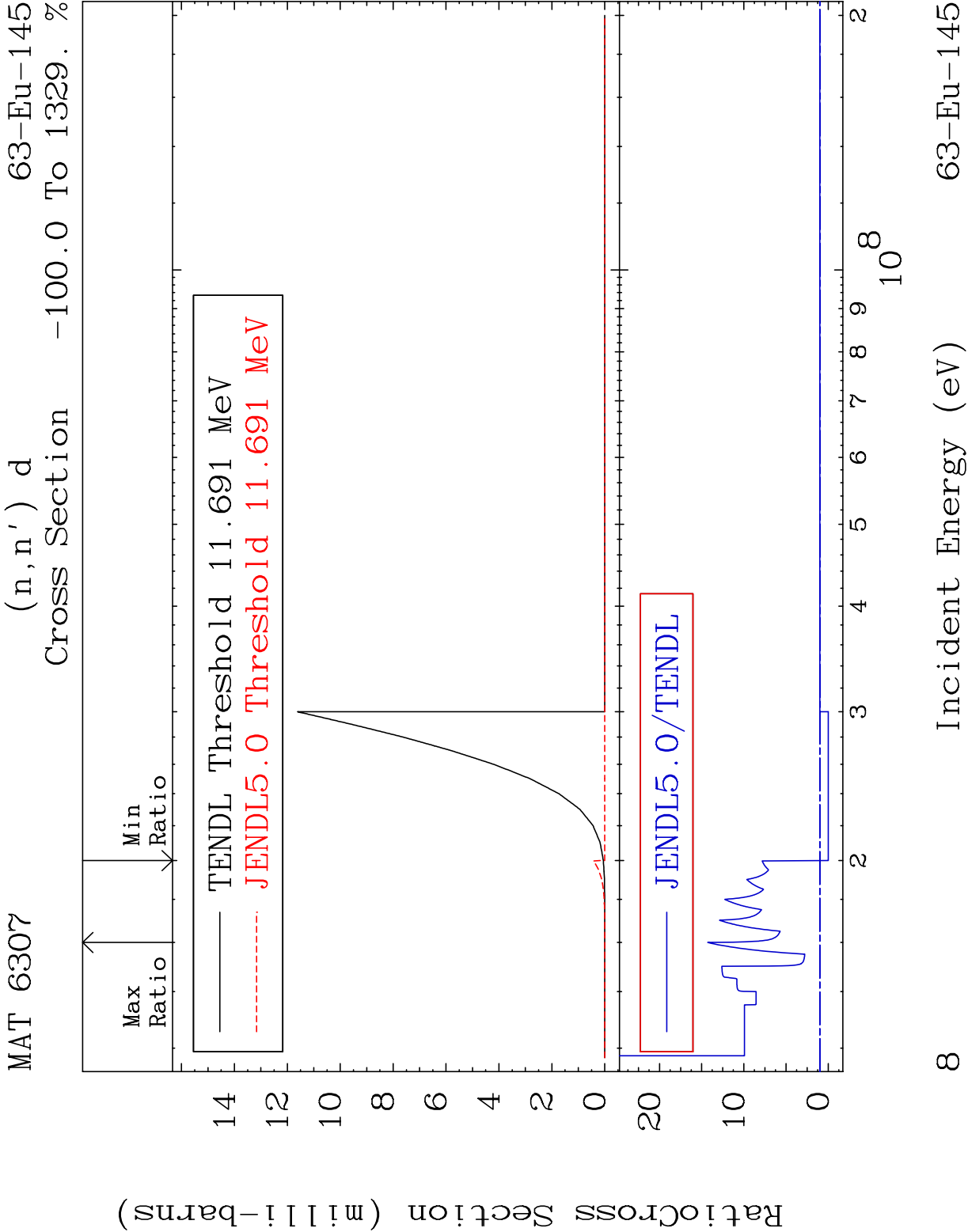


4 Incident Energy (eV) 63-Eu-145

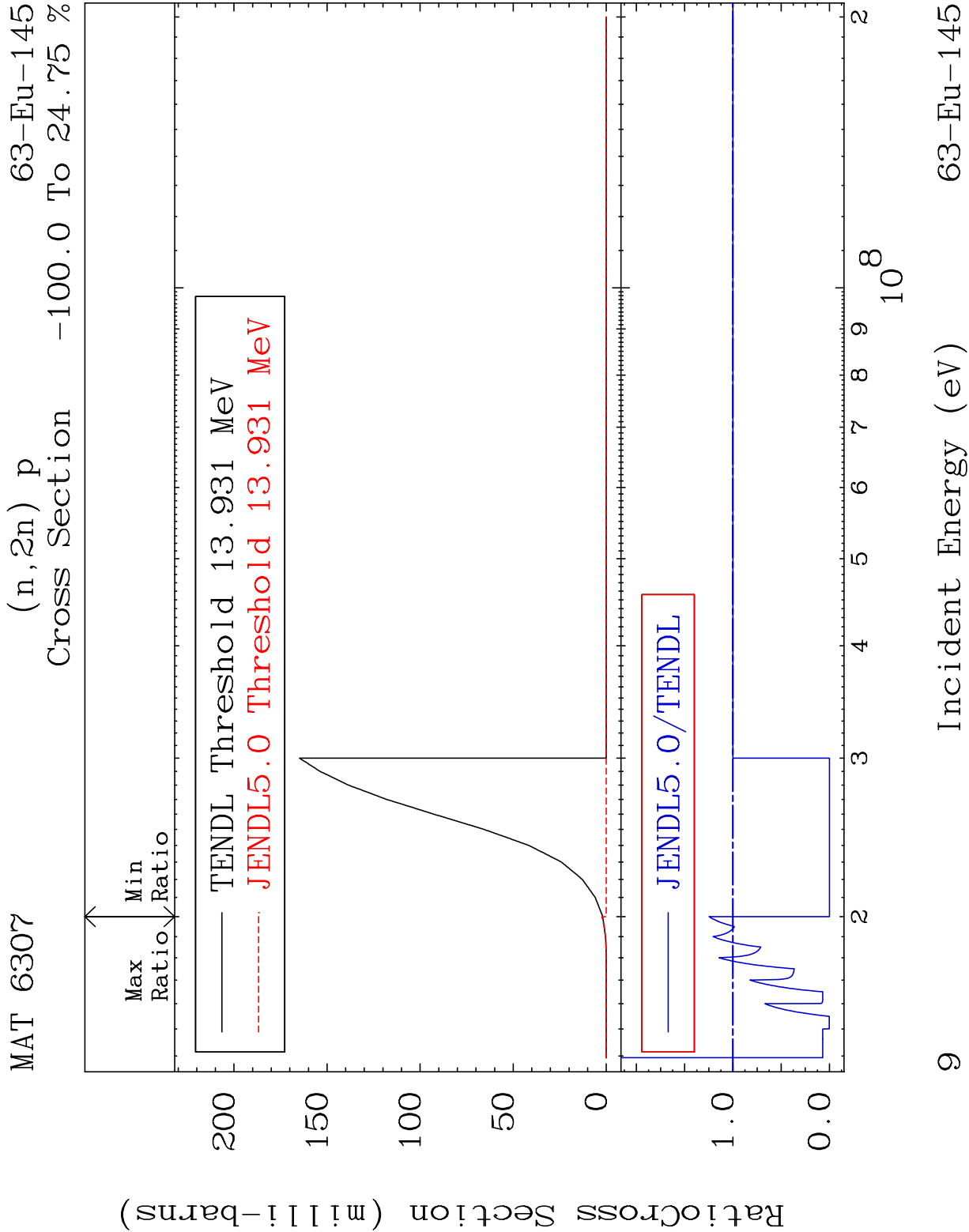


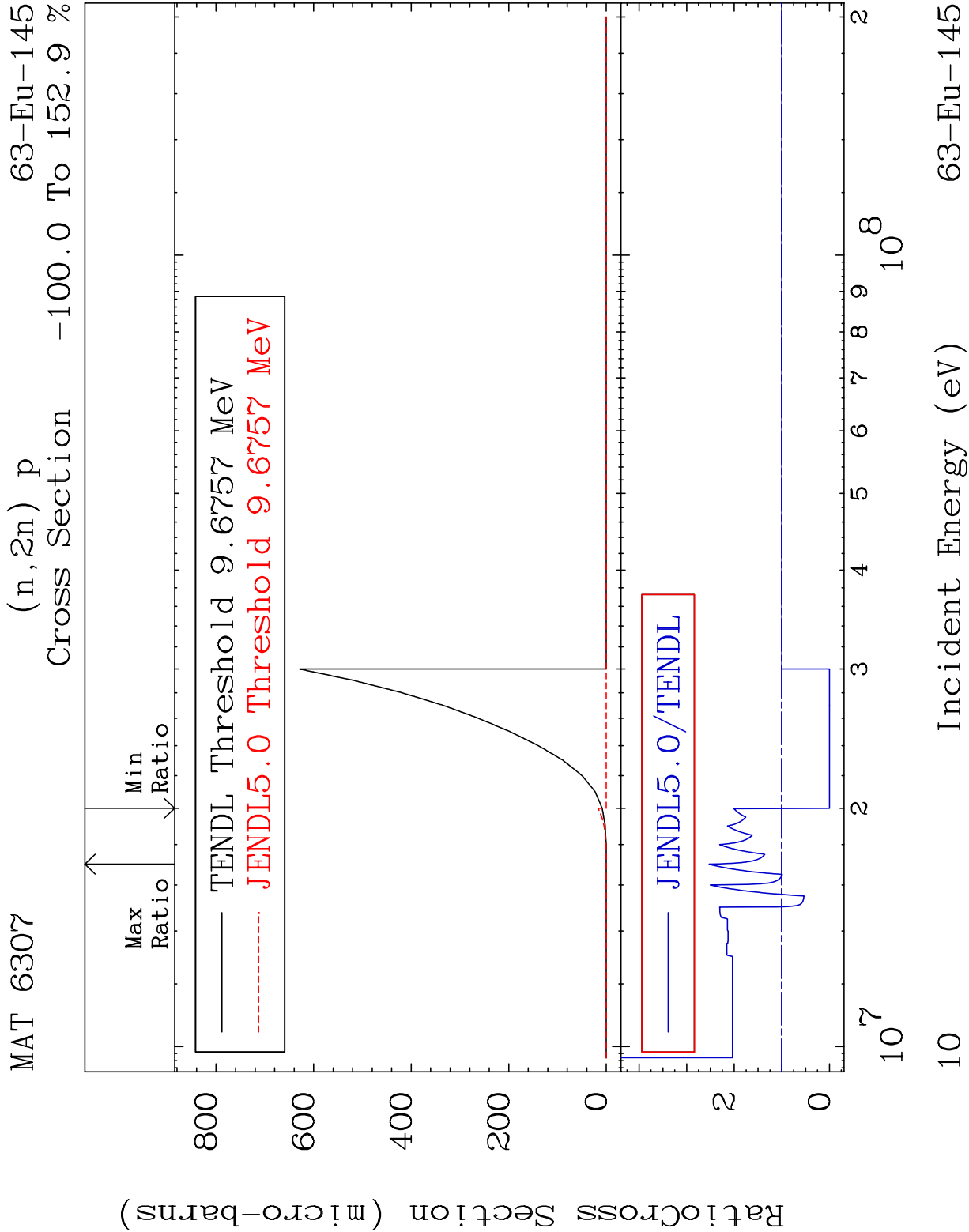


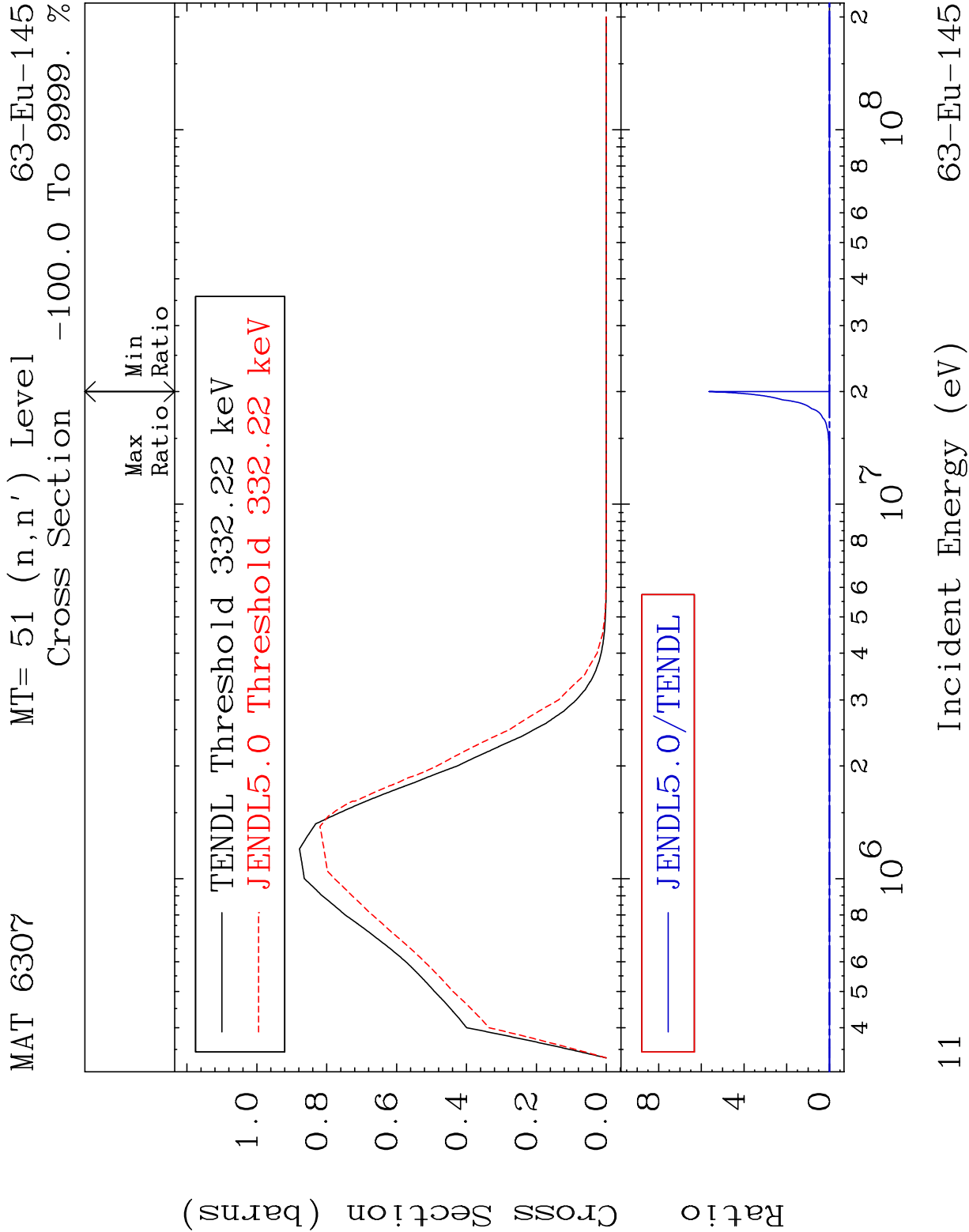


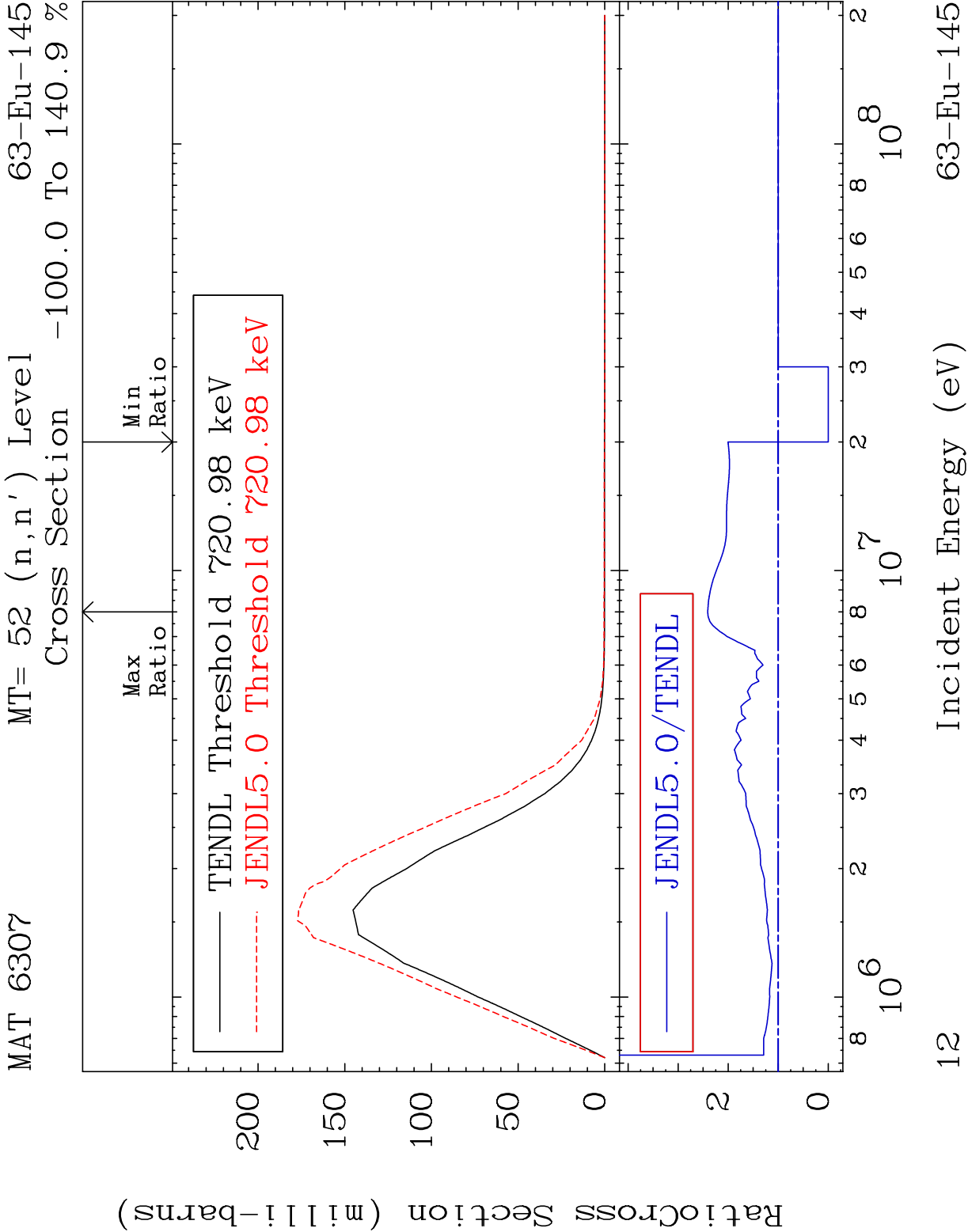


8

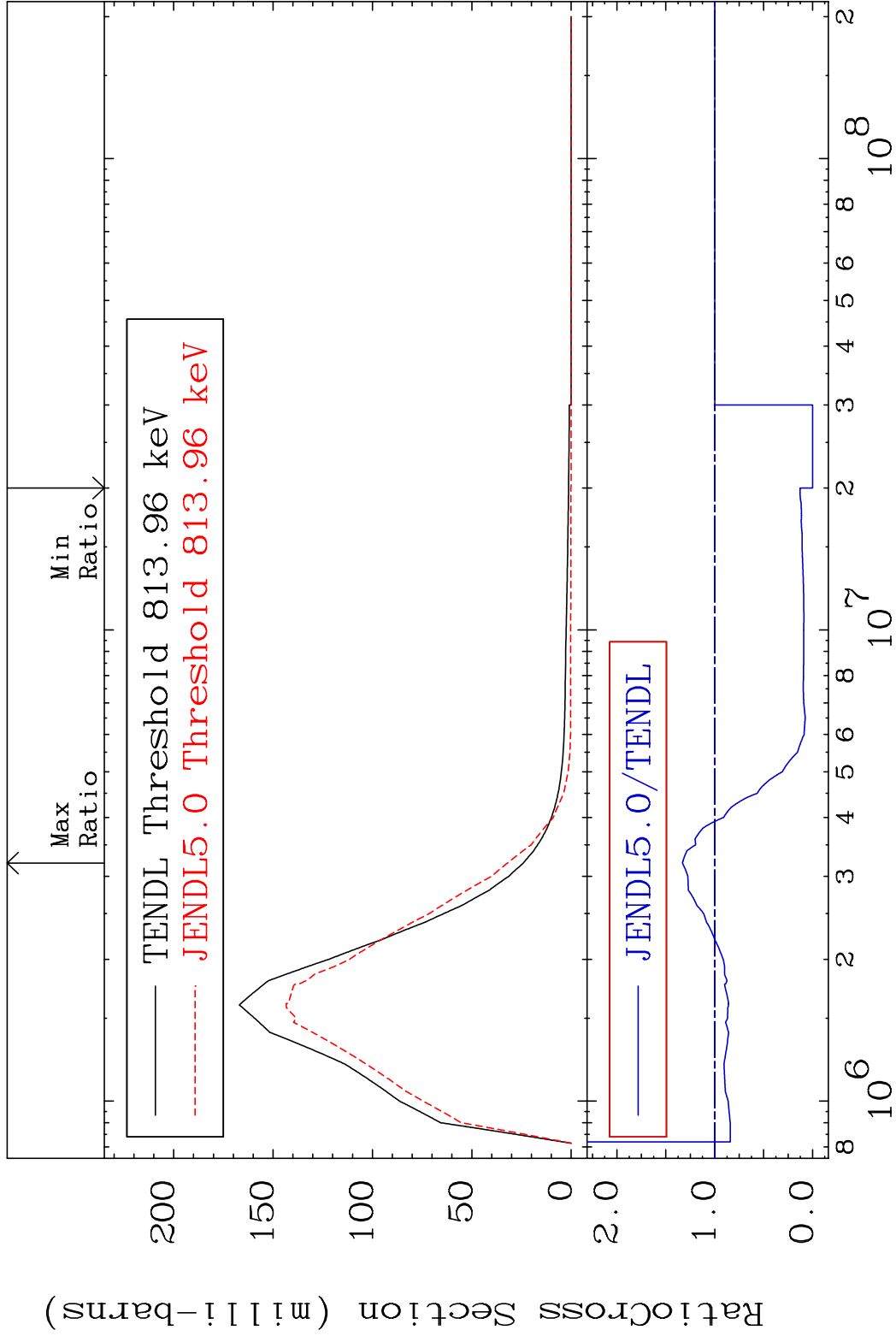




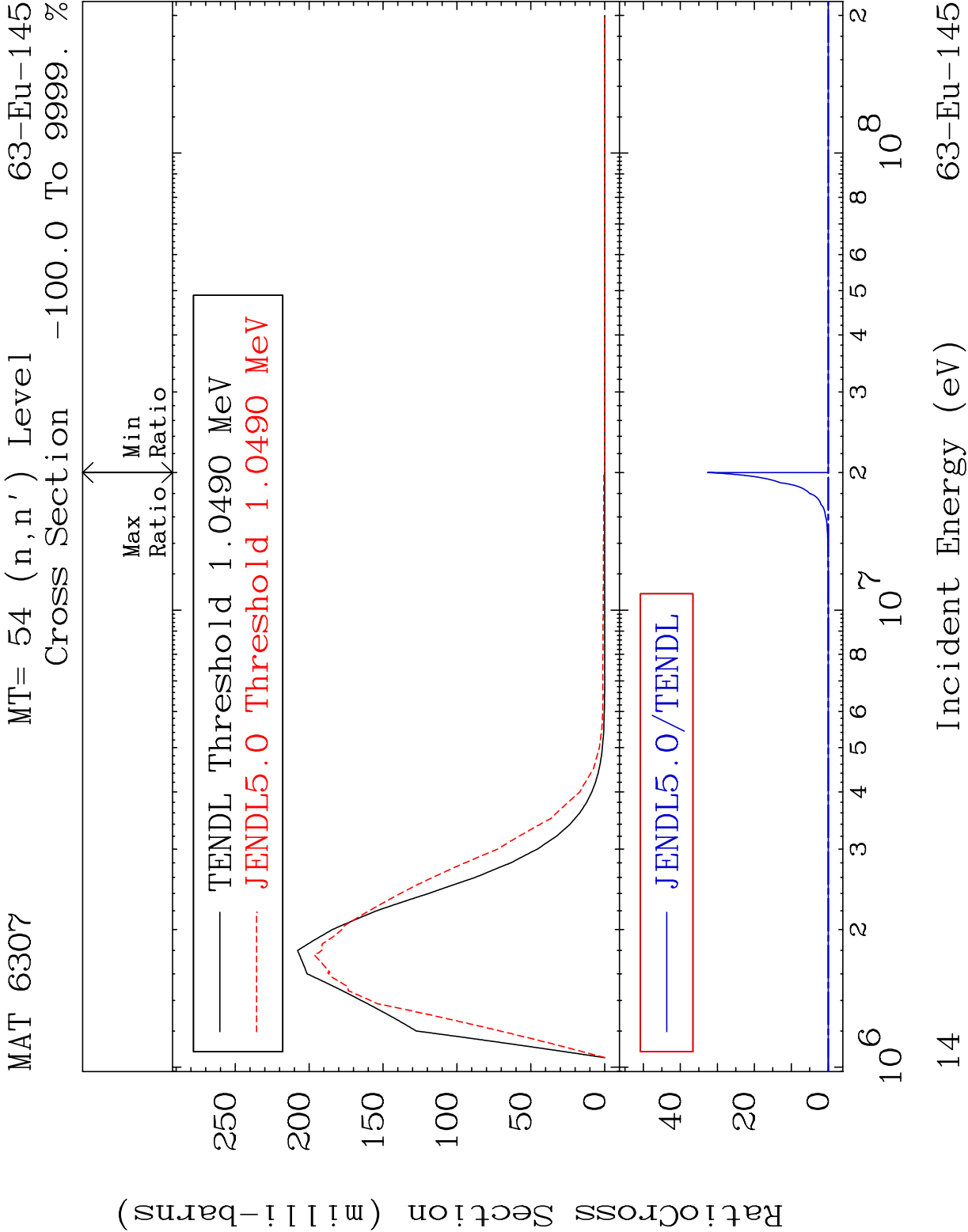


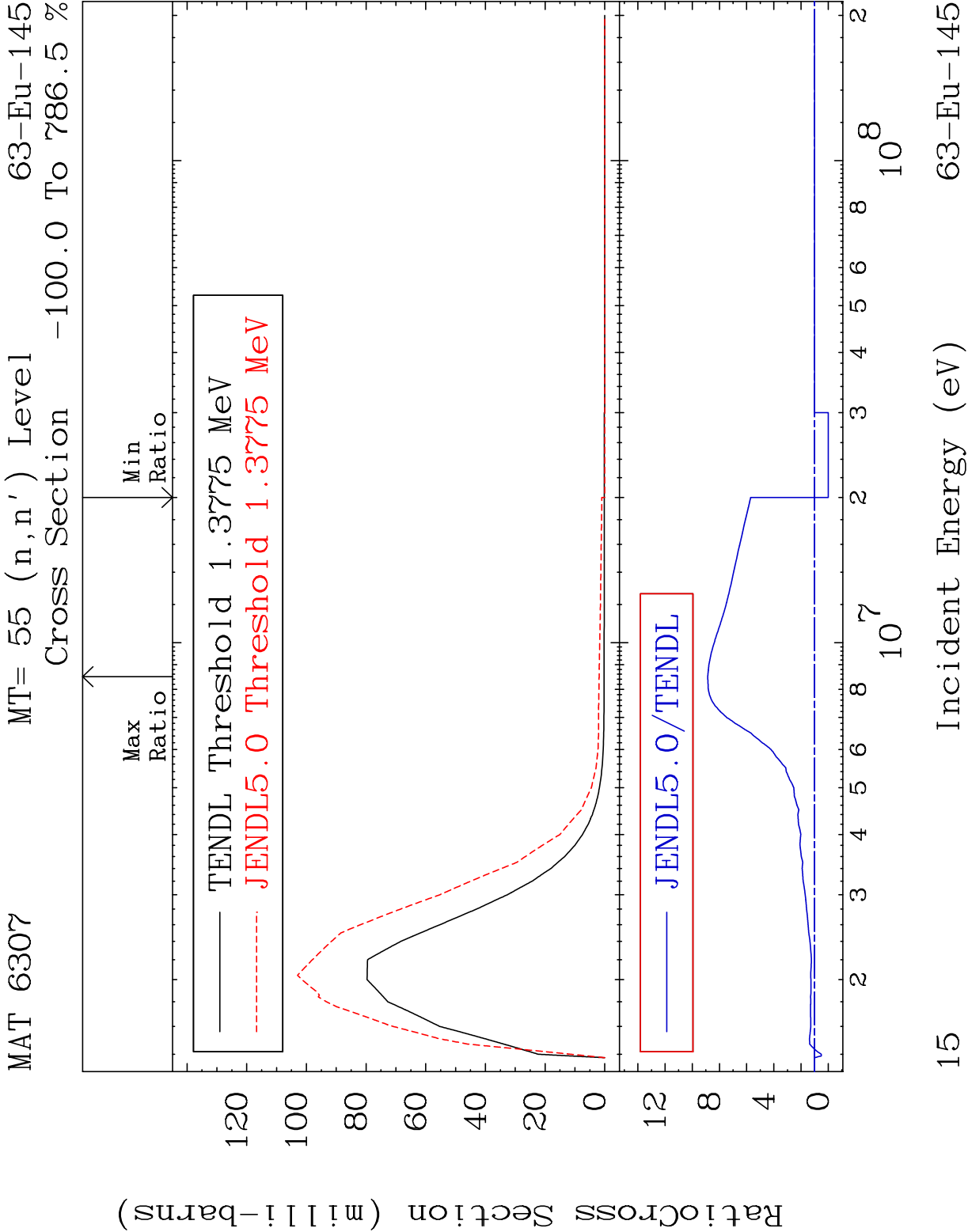


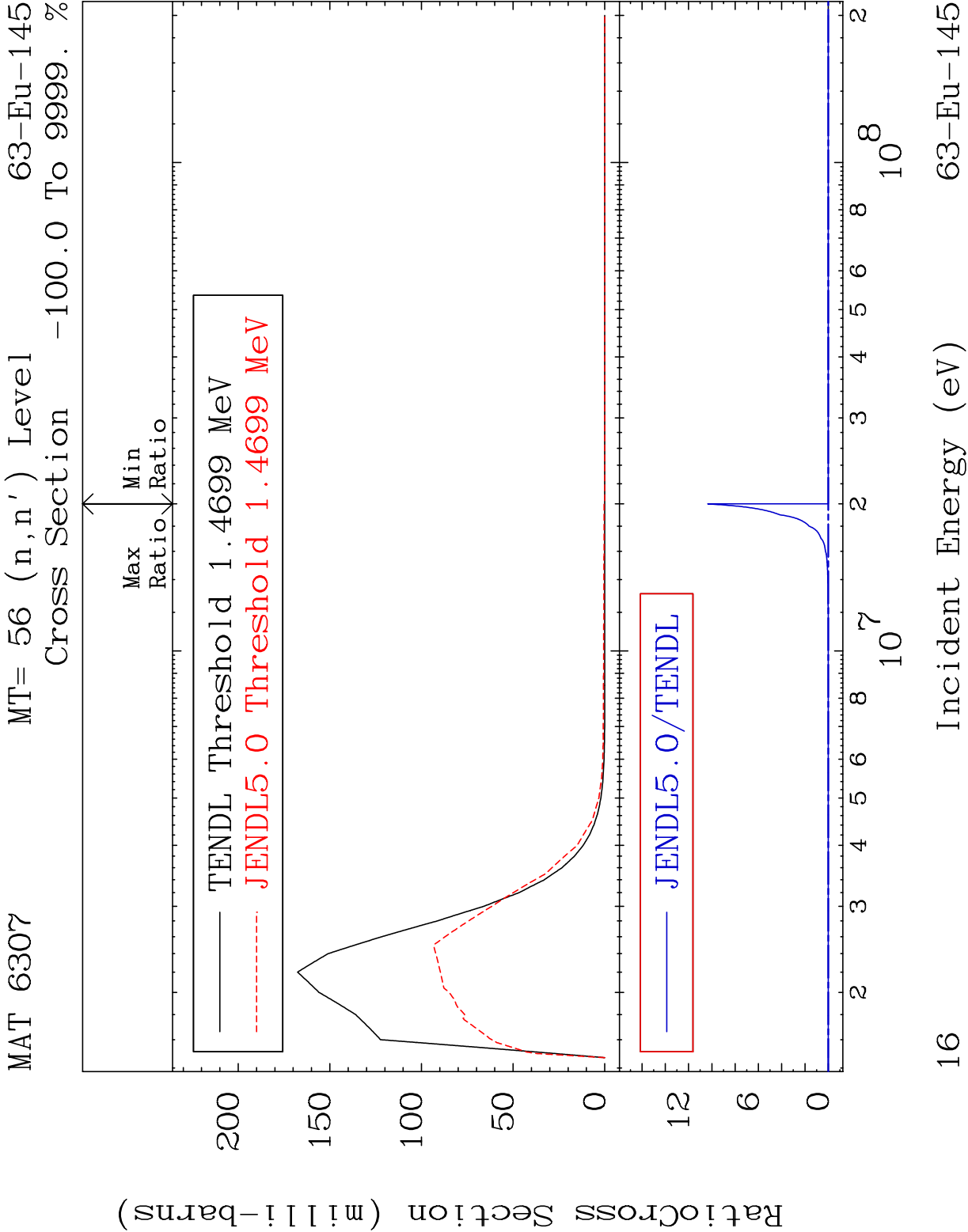
MAT 6307 MT= 53 (n,n') Level 63-Eu-145
Cross Section -100.0 To 33.13 %



13 Incident Energy (eV) 63-Eu-145



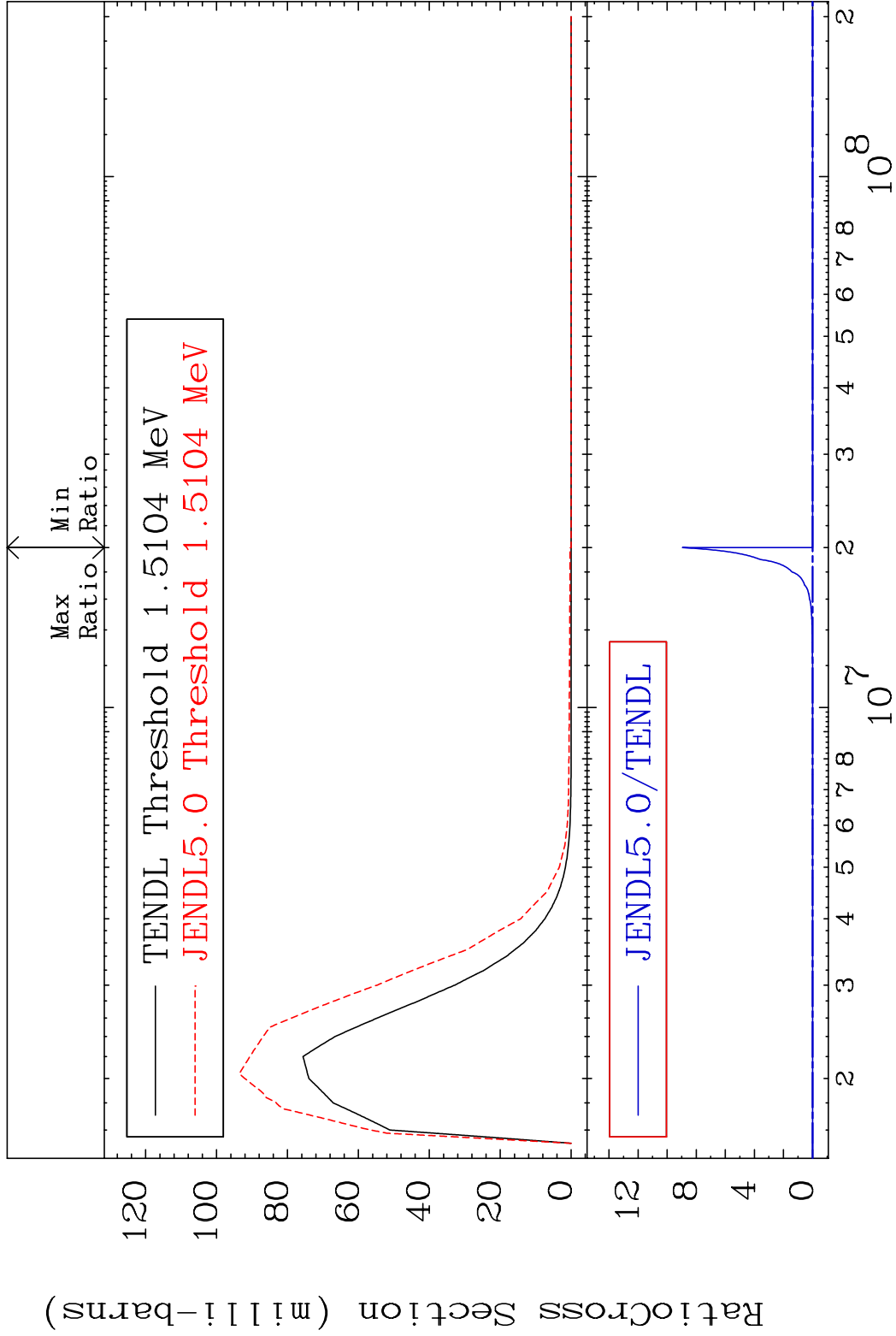




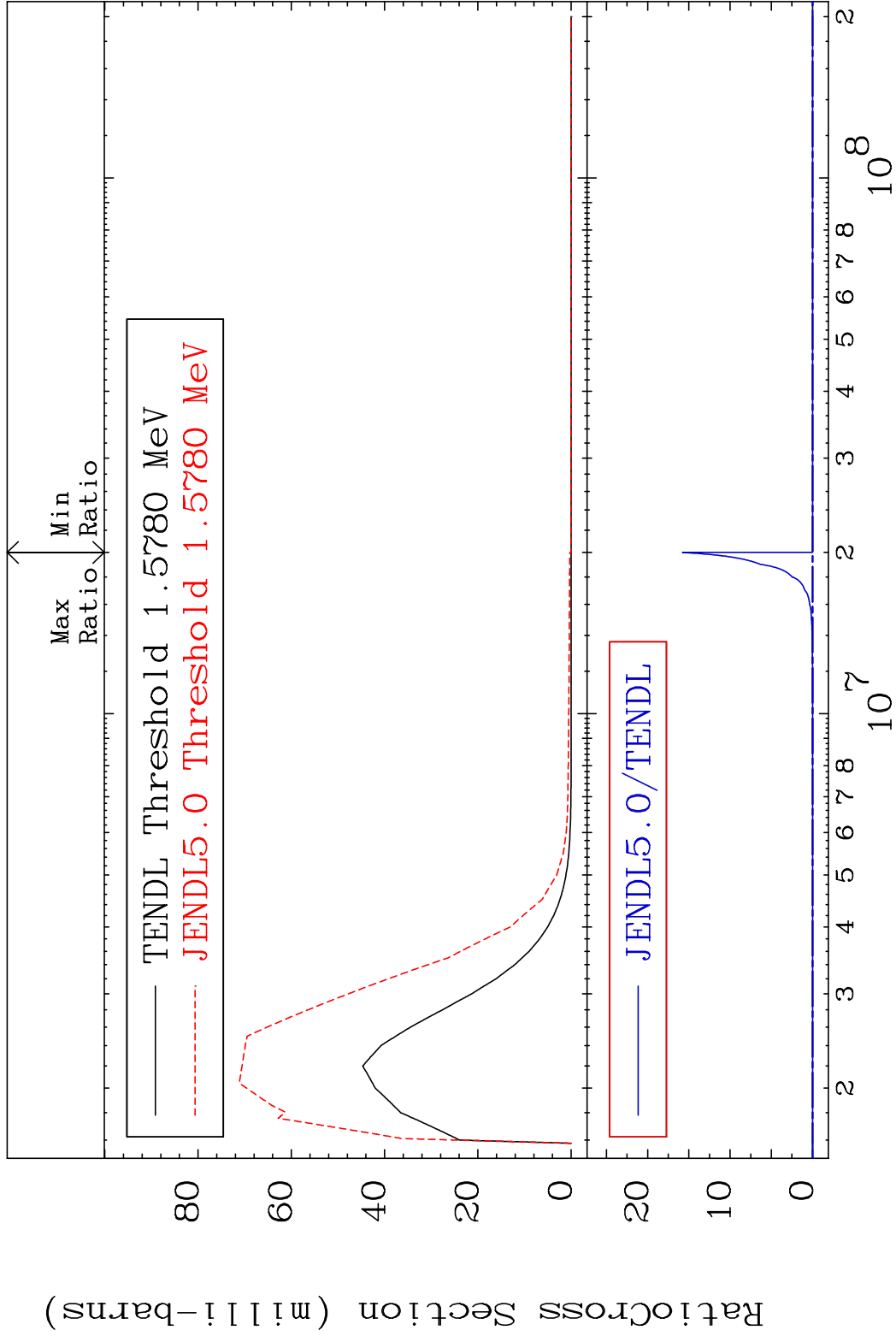
16

63-Eu-145

MAT 6307 MT= 57 (n,n') Level 63-Eu-145
Cross Section -100.0 To 9999. %

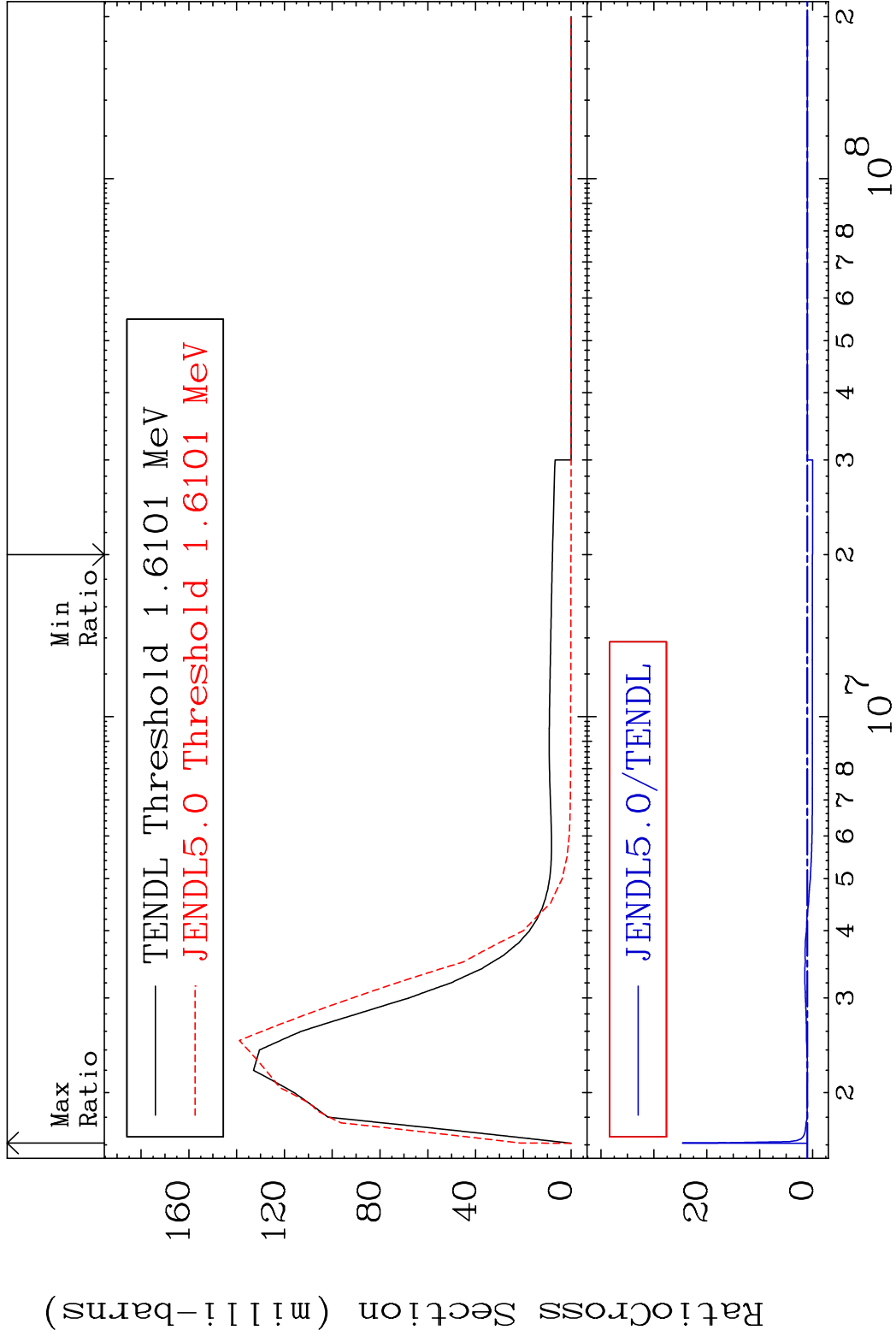


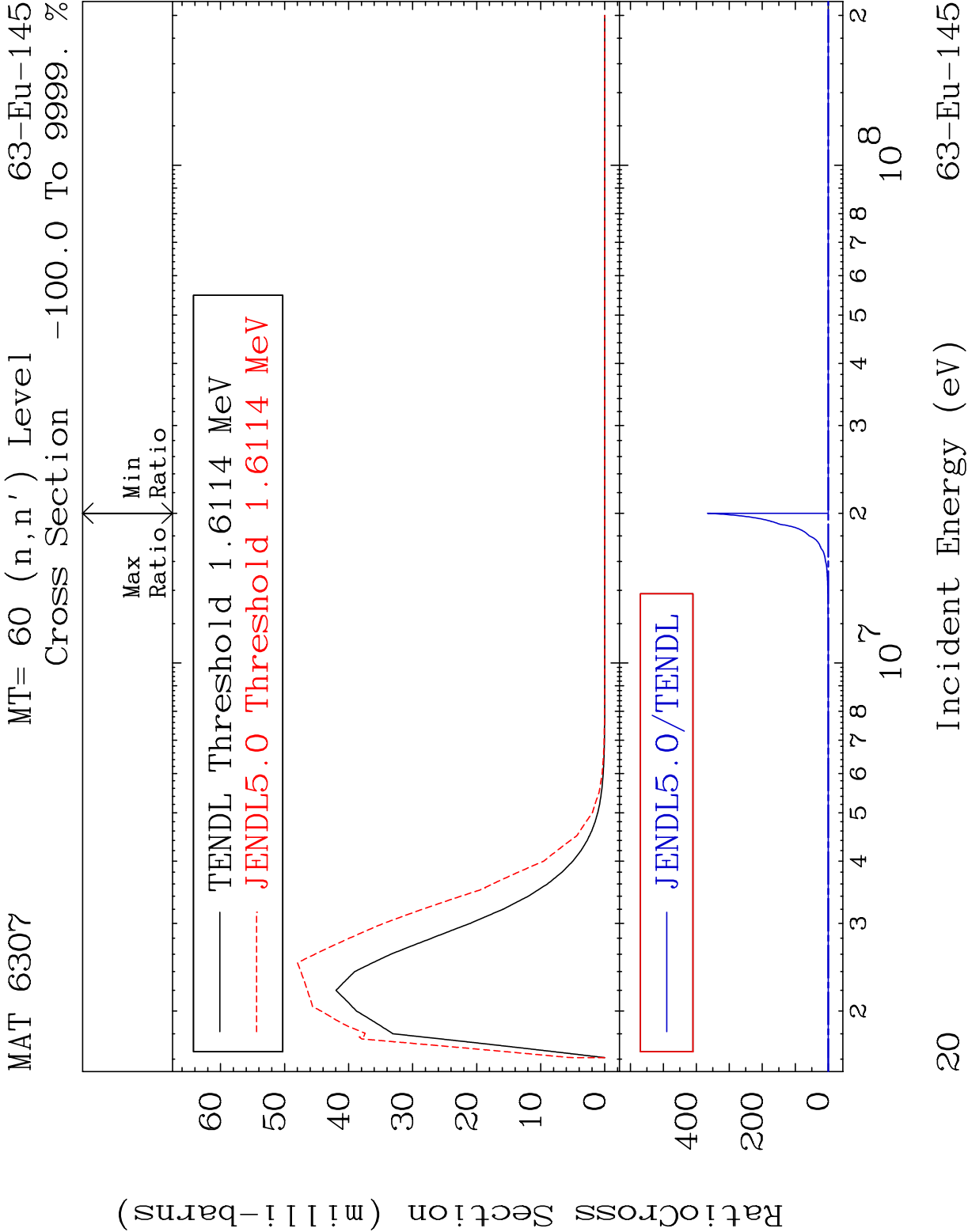
MAT 6307 MT= 58 (n,n') Level 63-Eu-145
Cross Section -100.0 To 9999. %



18 Incident Energy (eV) 63-Eu-145

MAT 6307 MT= 59 (n,n') Level 63-Eu-145
Cross Section -100.0 To 2361. %





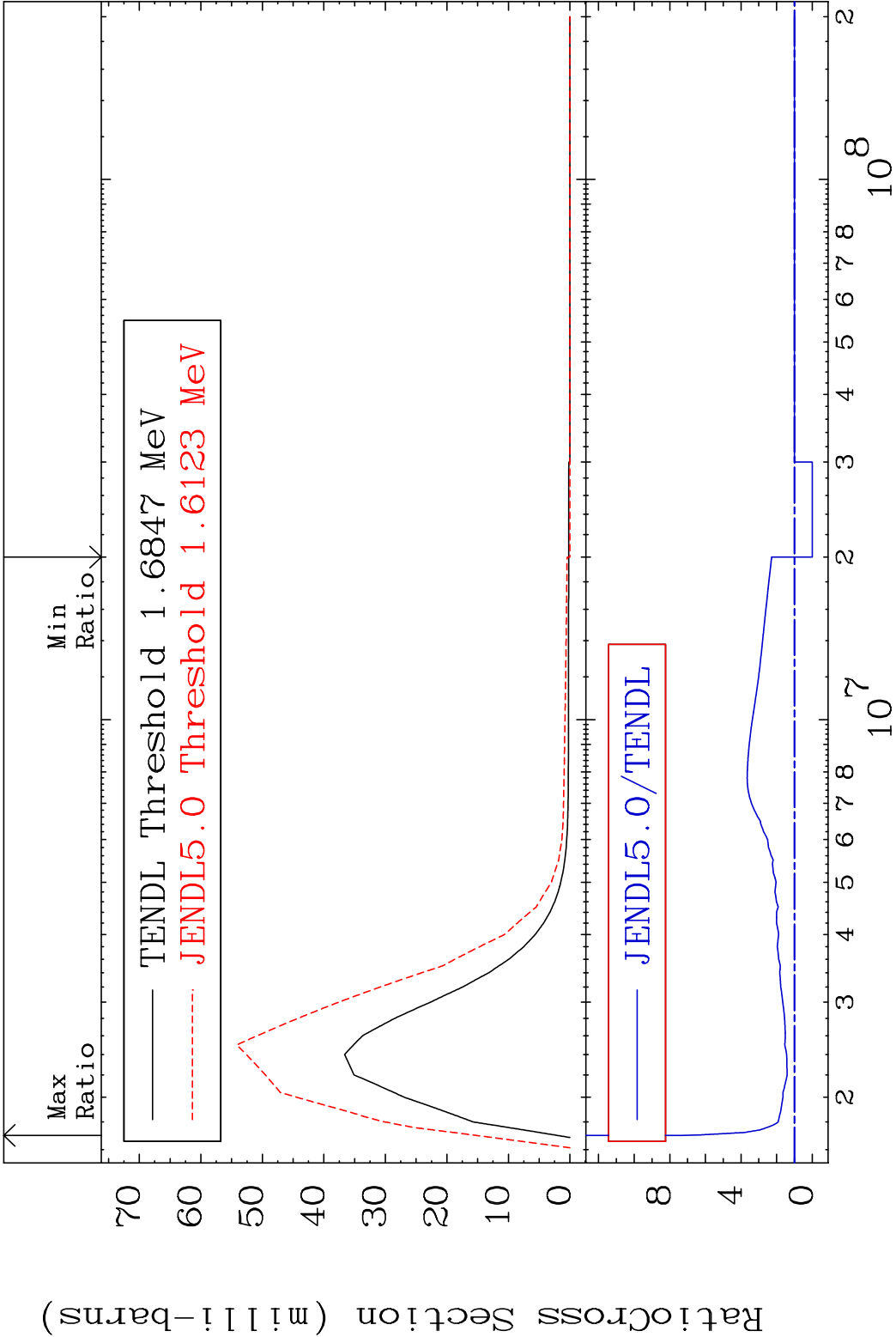
MAT 6307

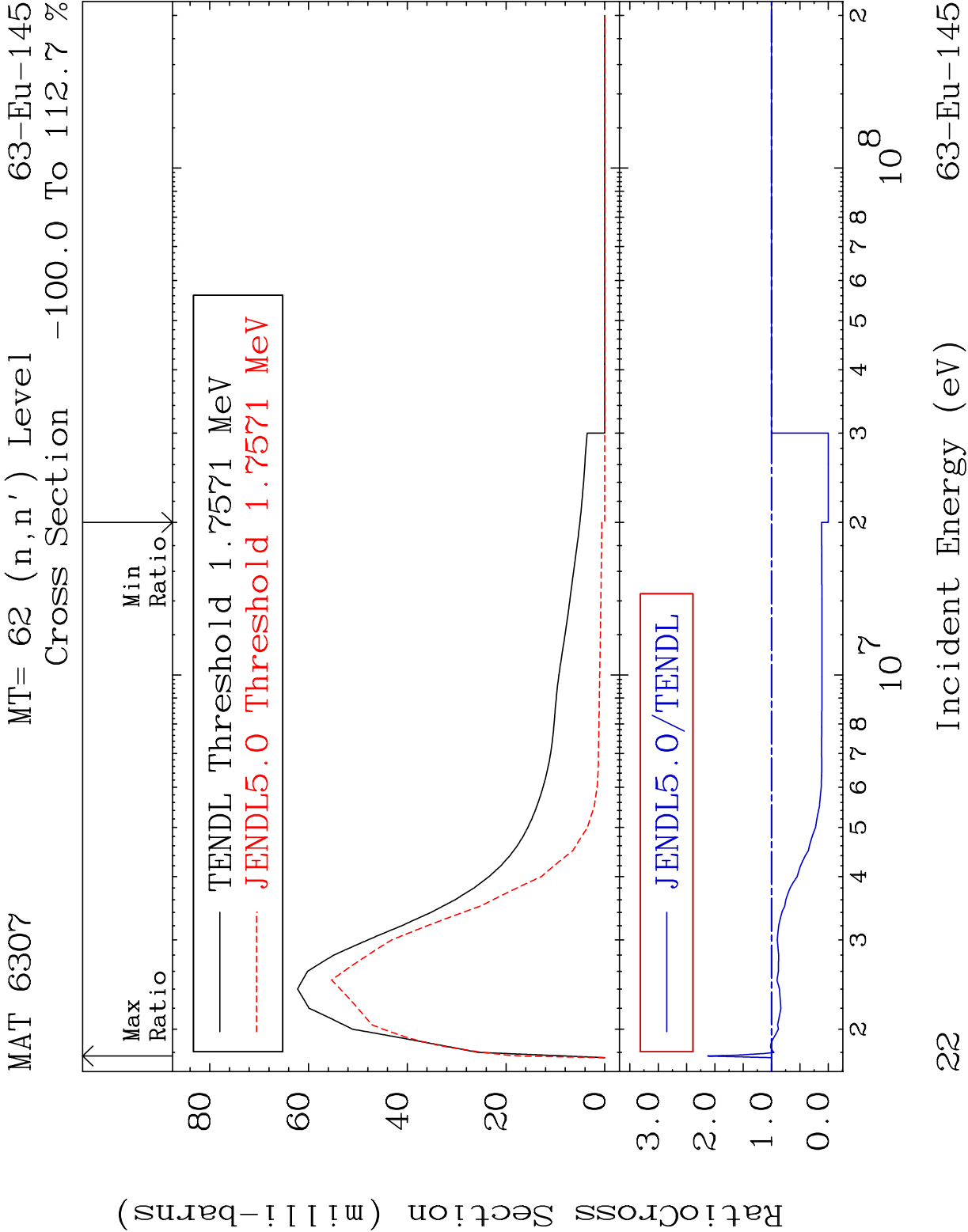
MT= 61 (n,n') Level

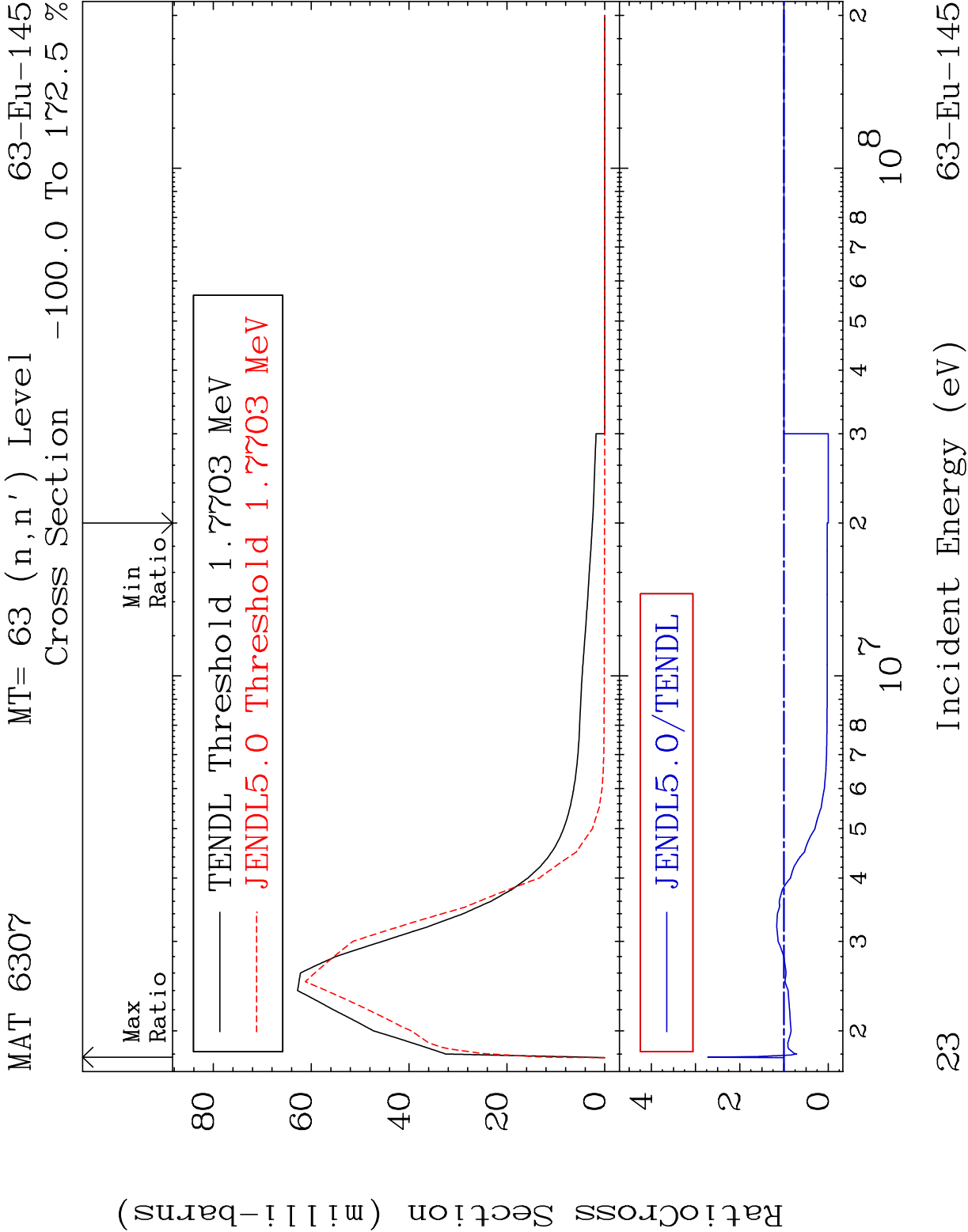
63-Eu-145

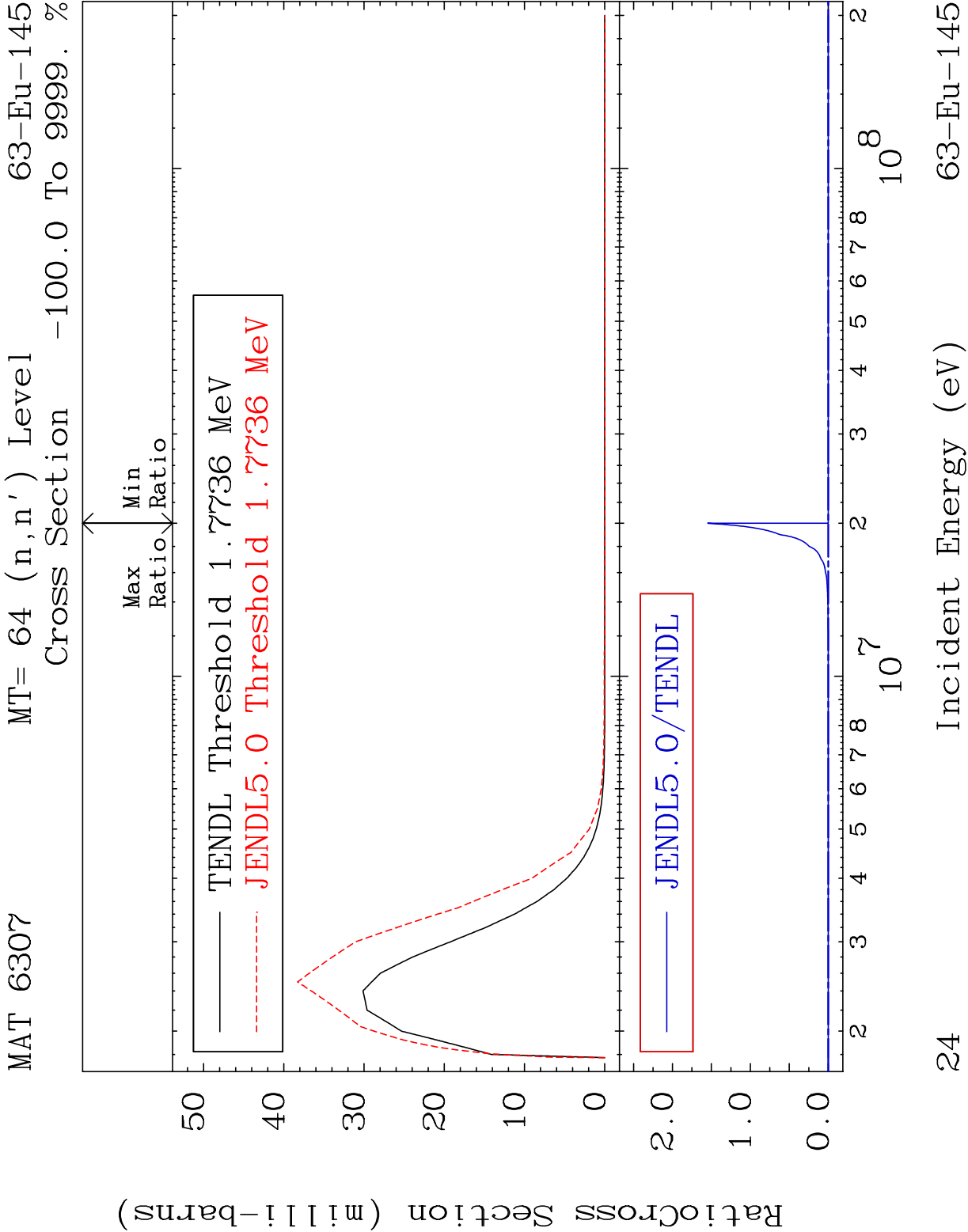
Cross Section

-100.0 To 634.1 %

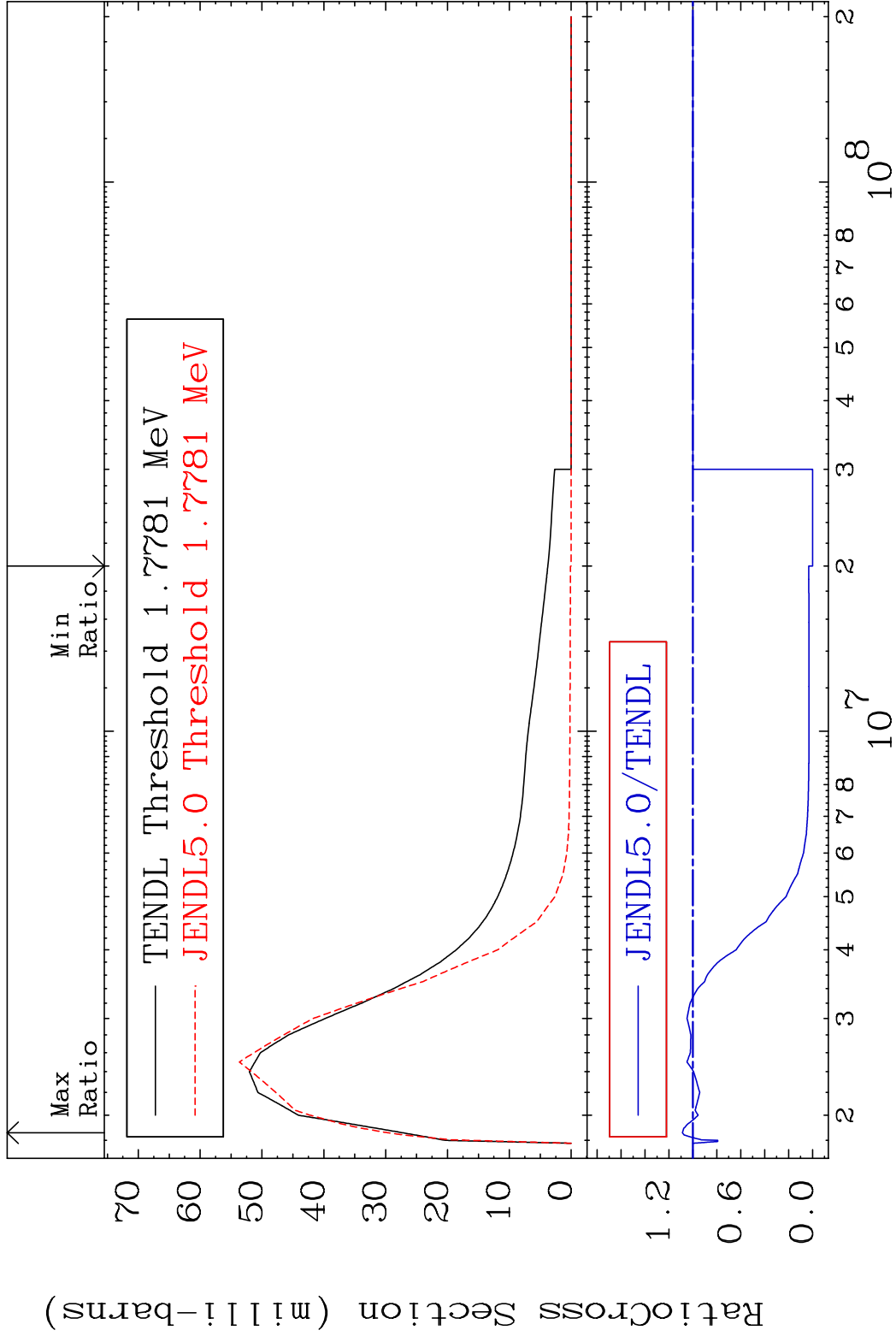


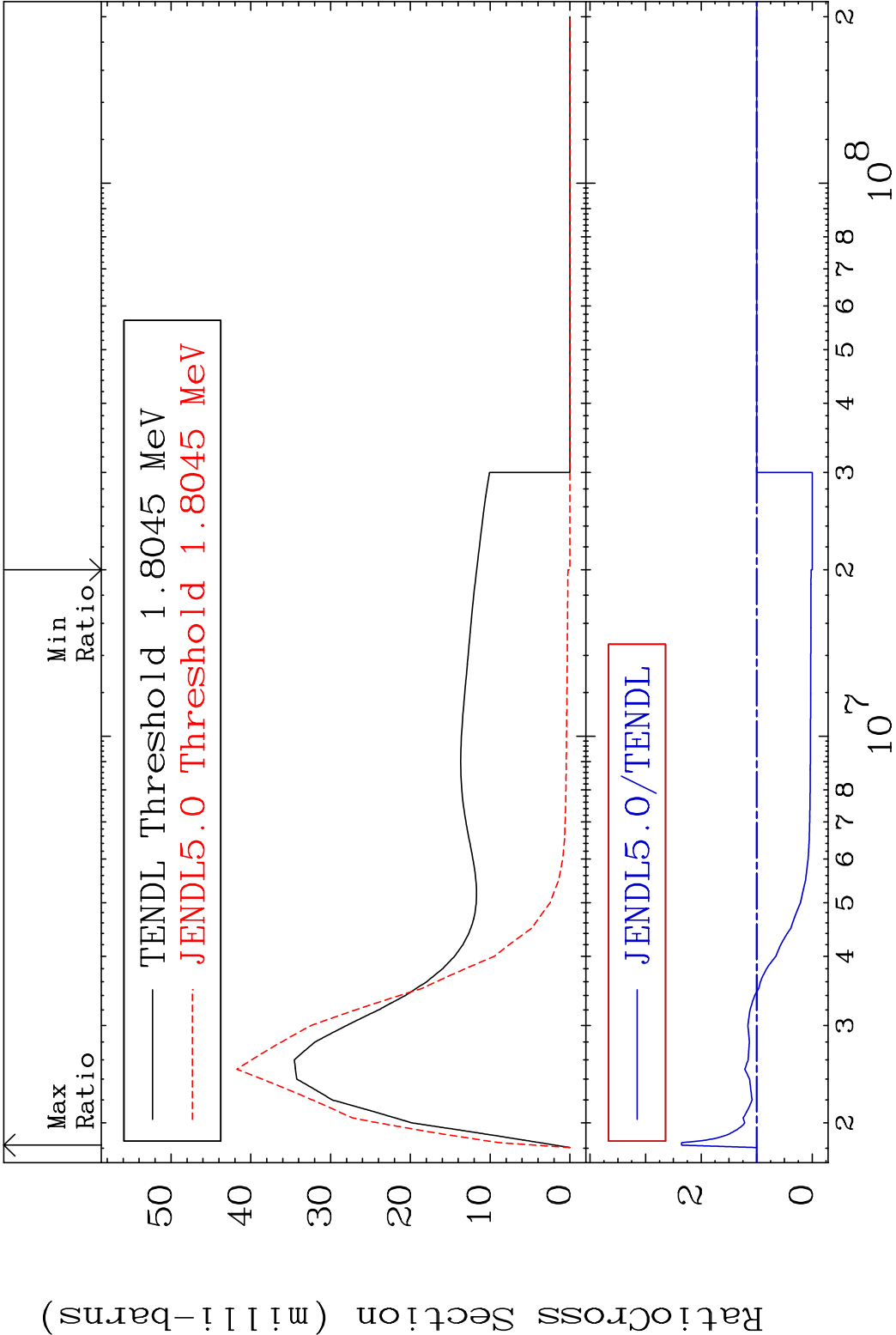


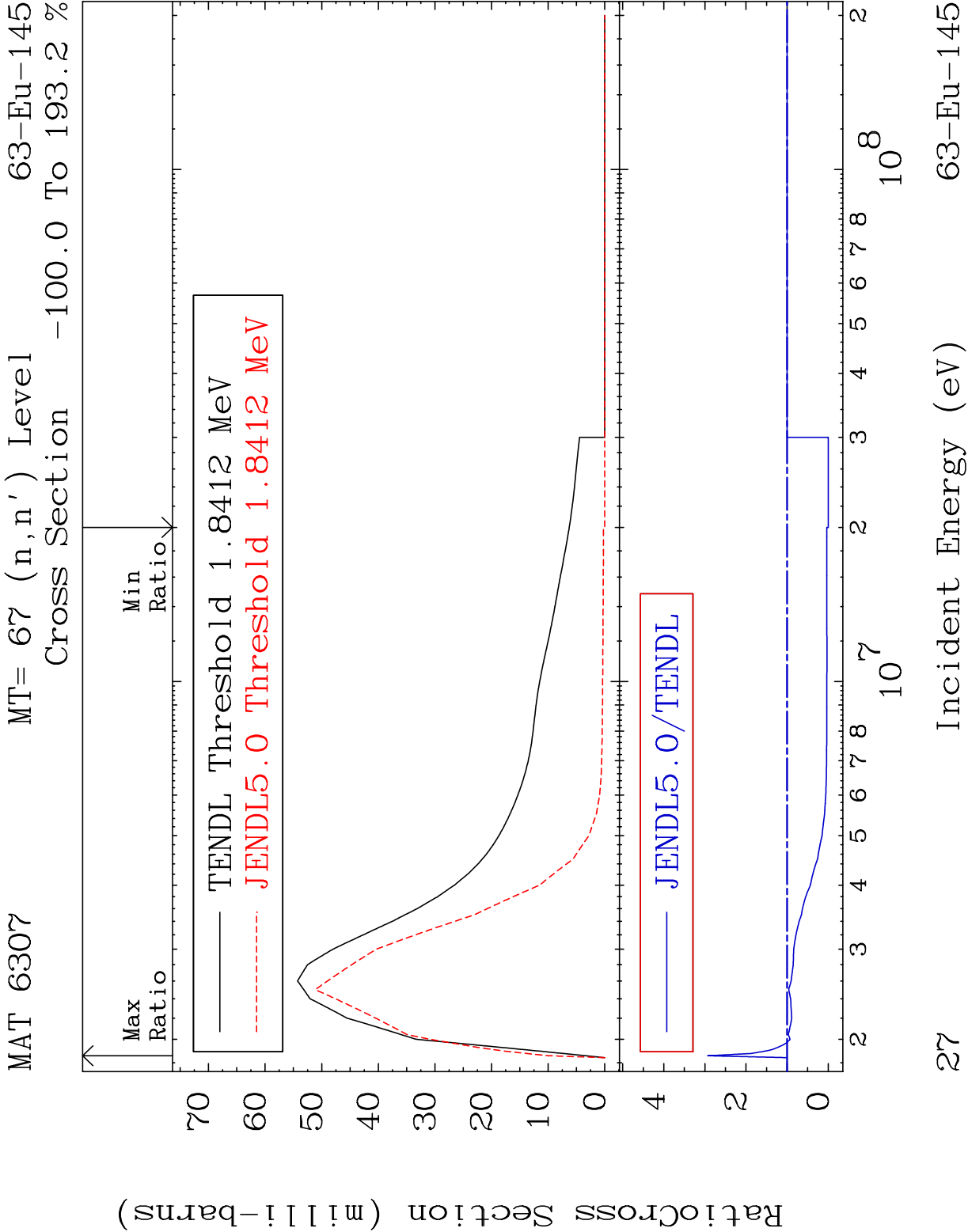


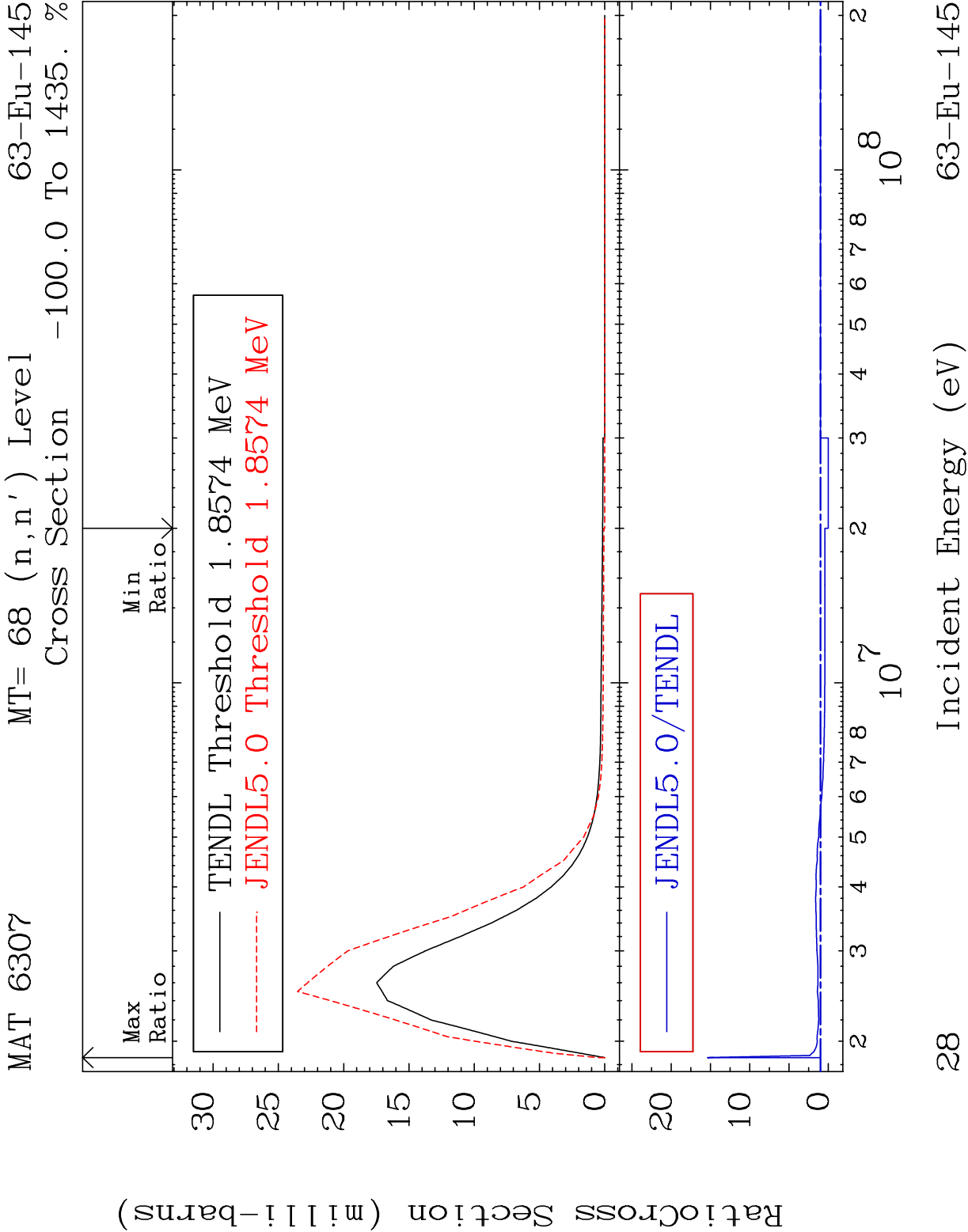


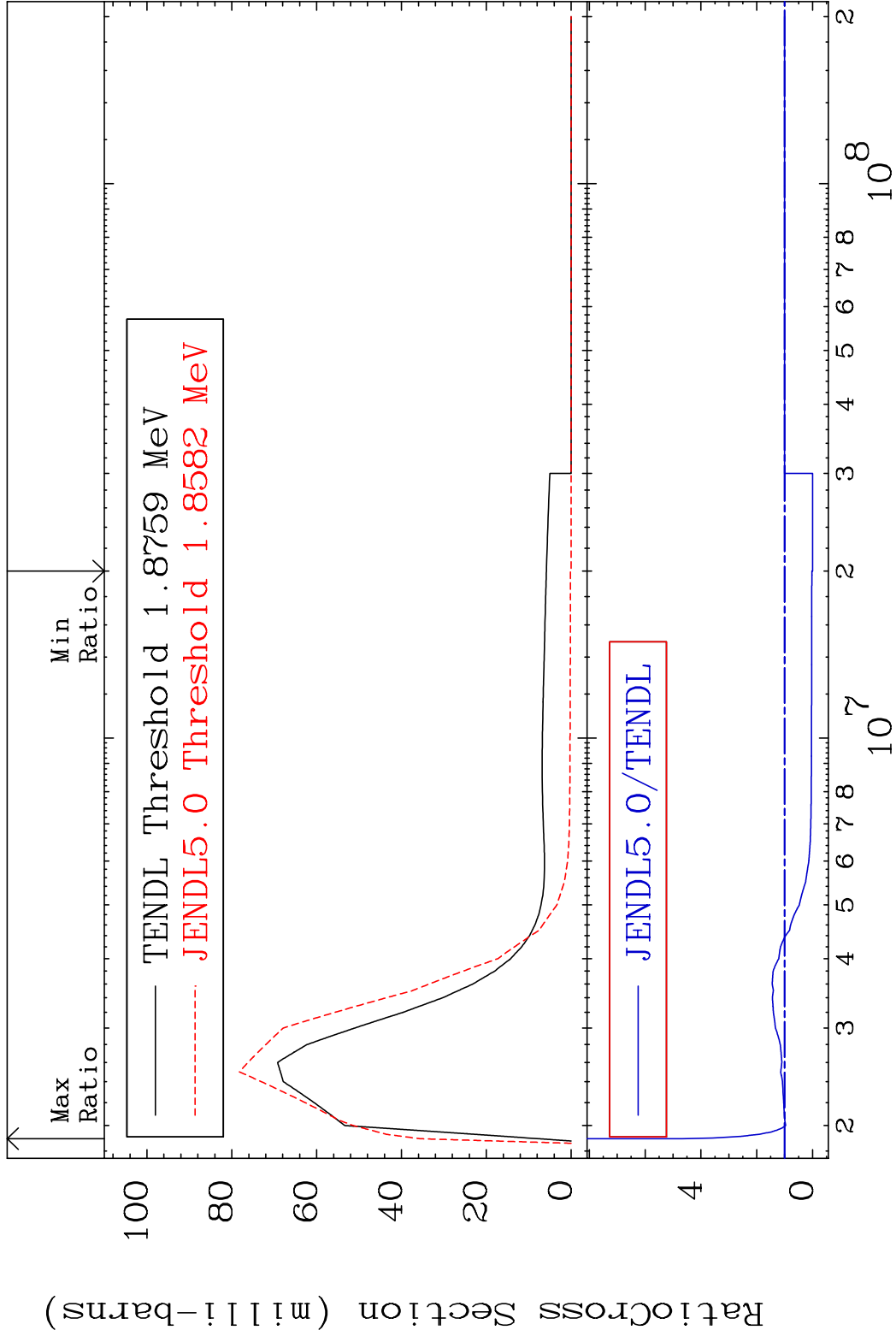
MAT 6307 MT= 65 (n,n') Level 63-Eu-145
Cross Section -100.0 To 8.796 %

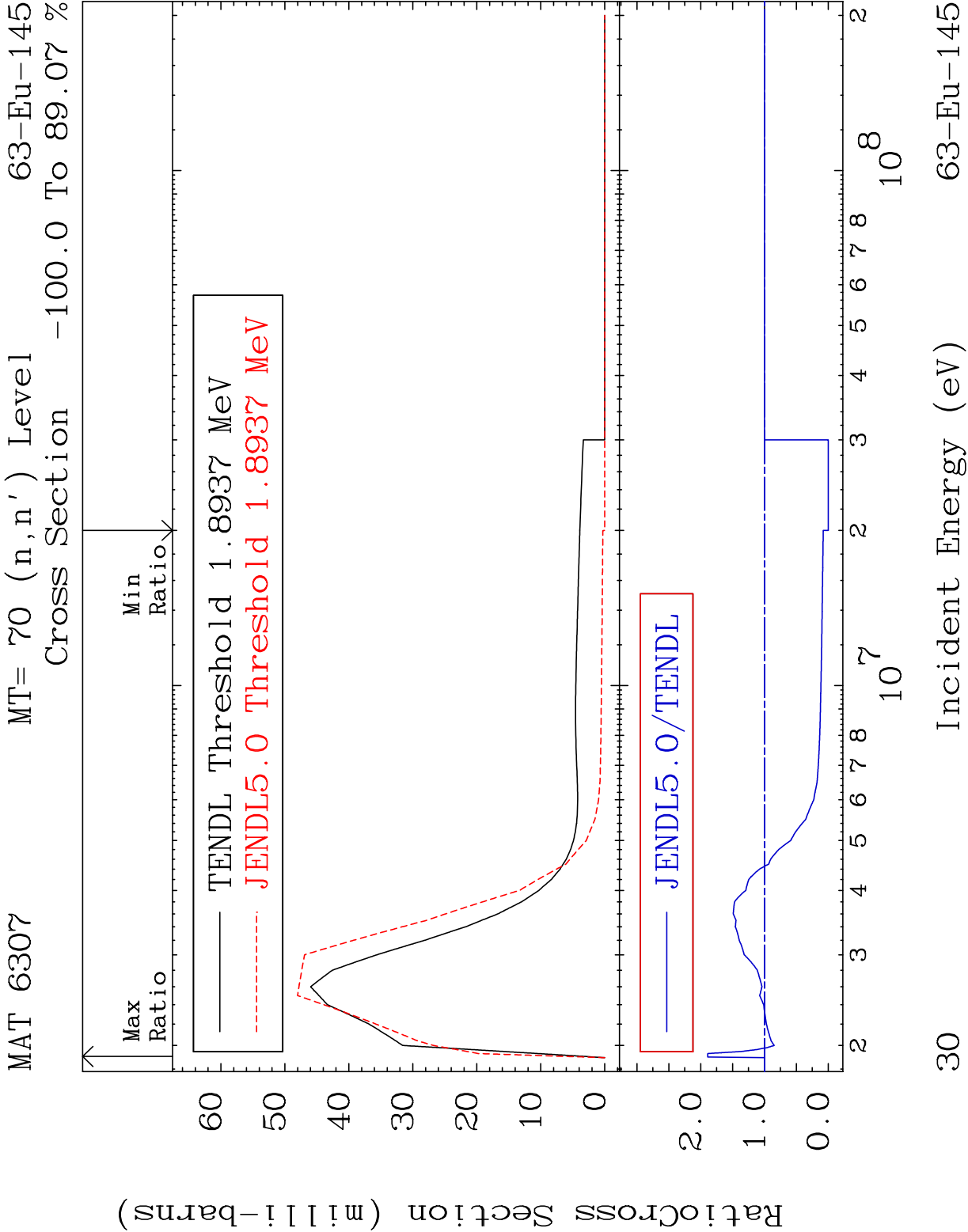


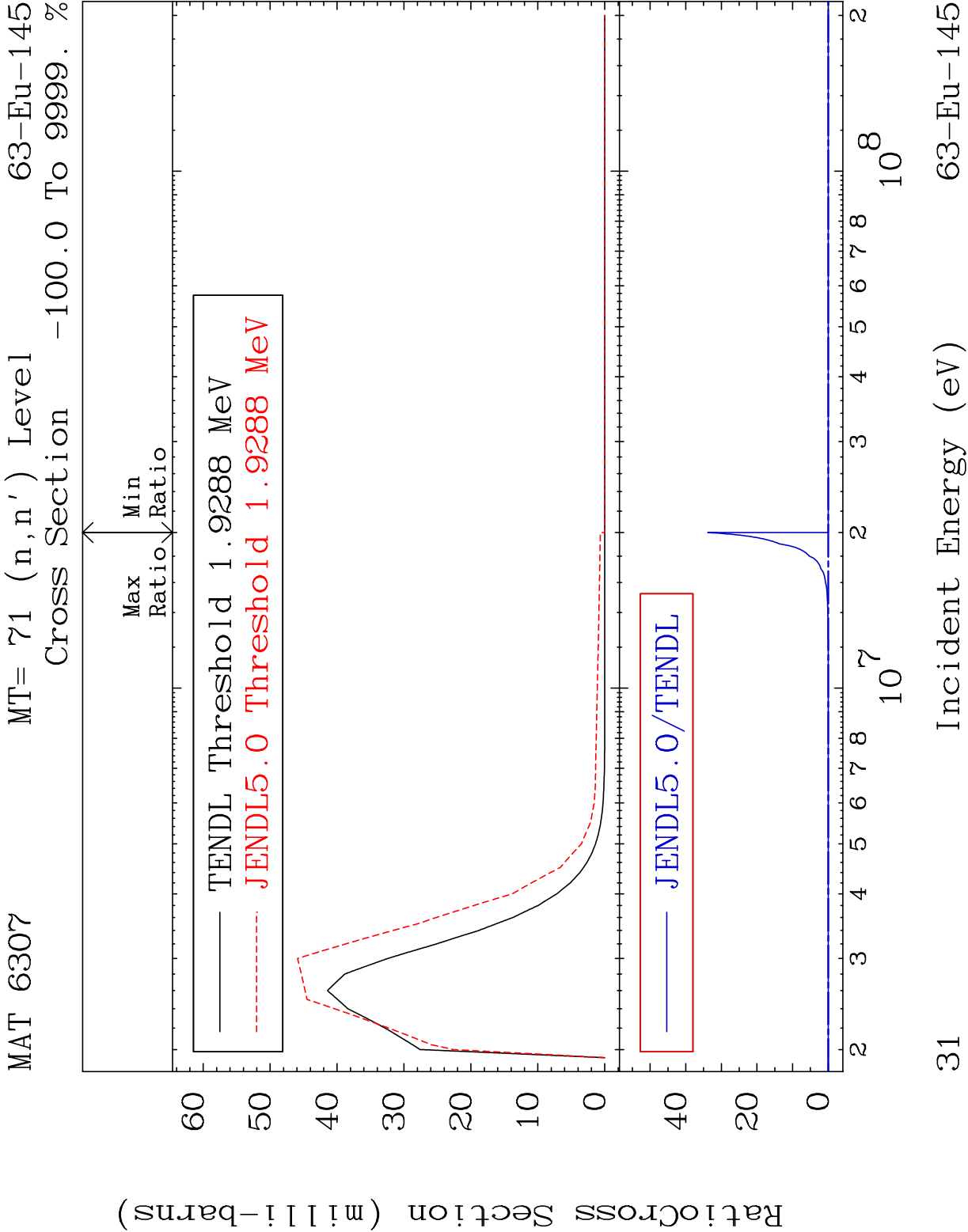


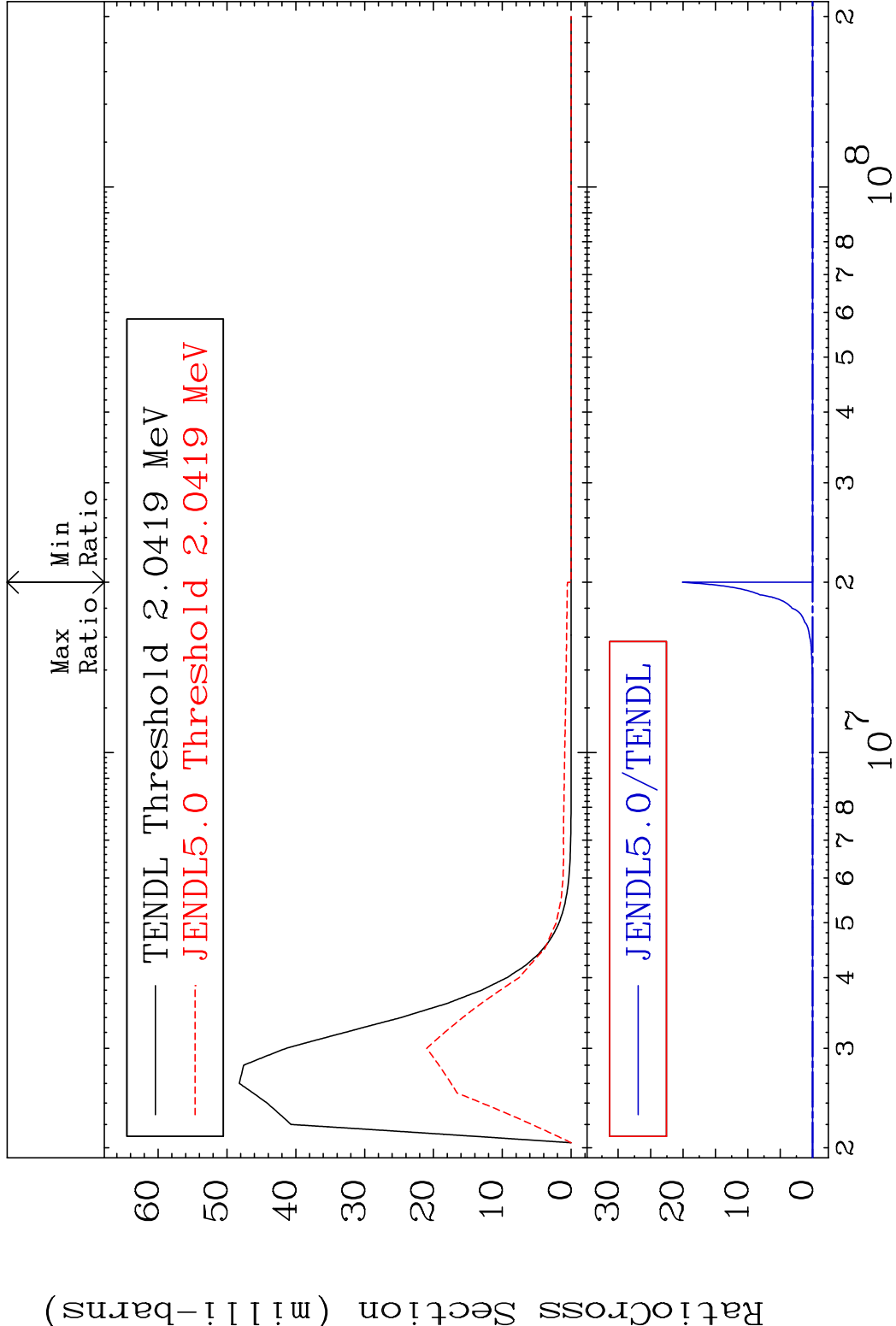


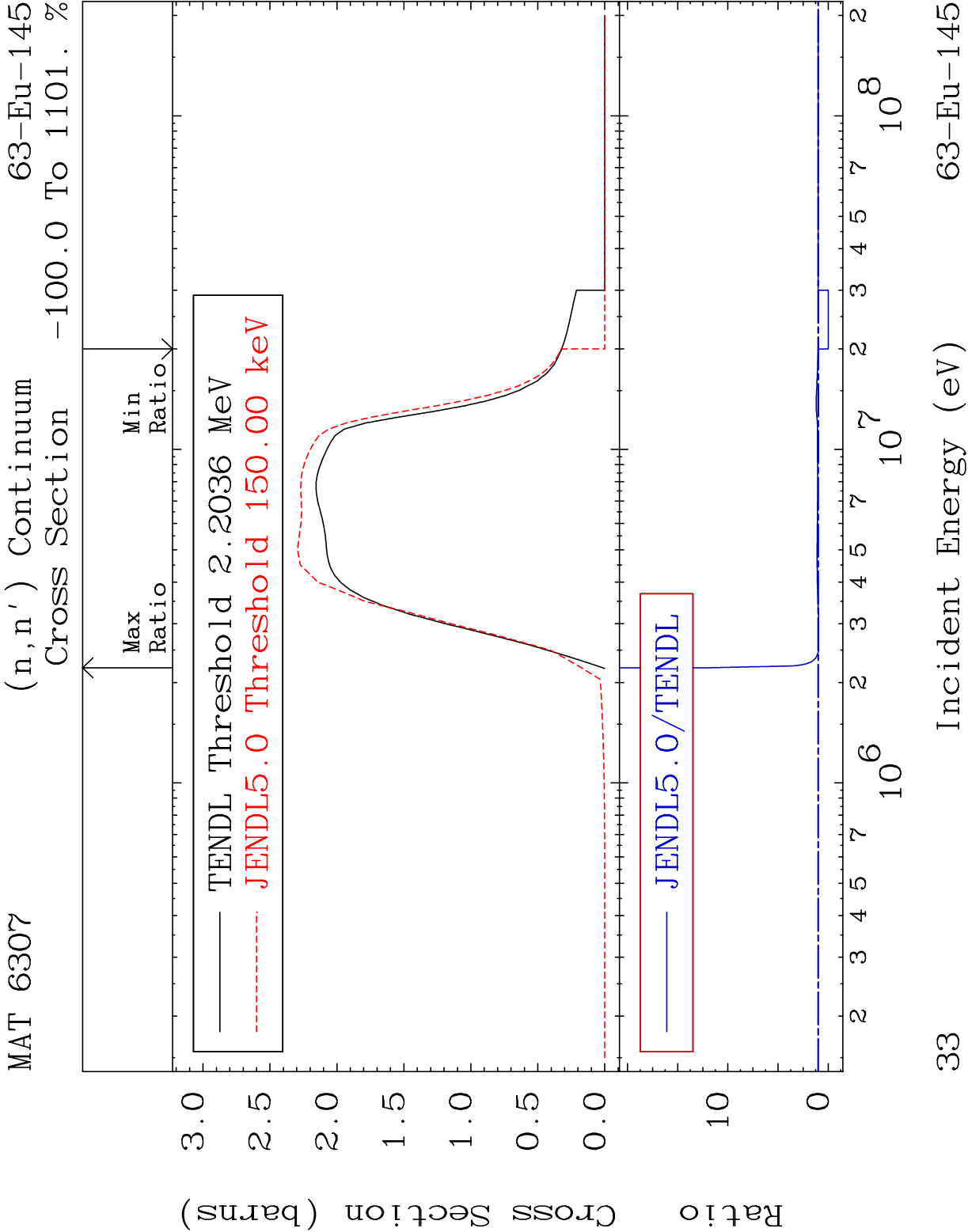




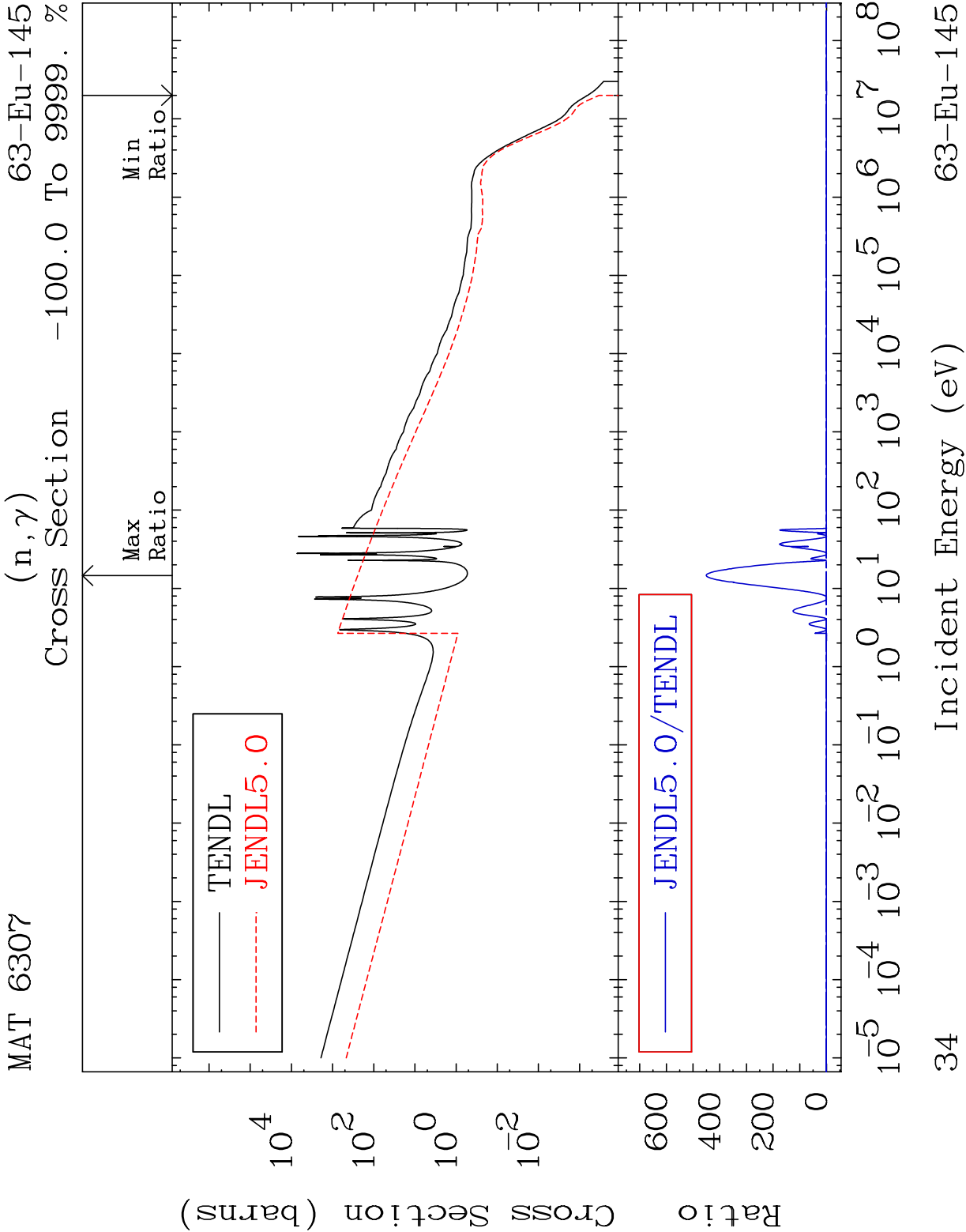


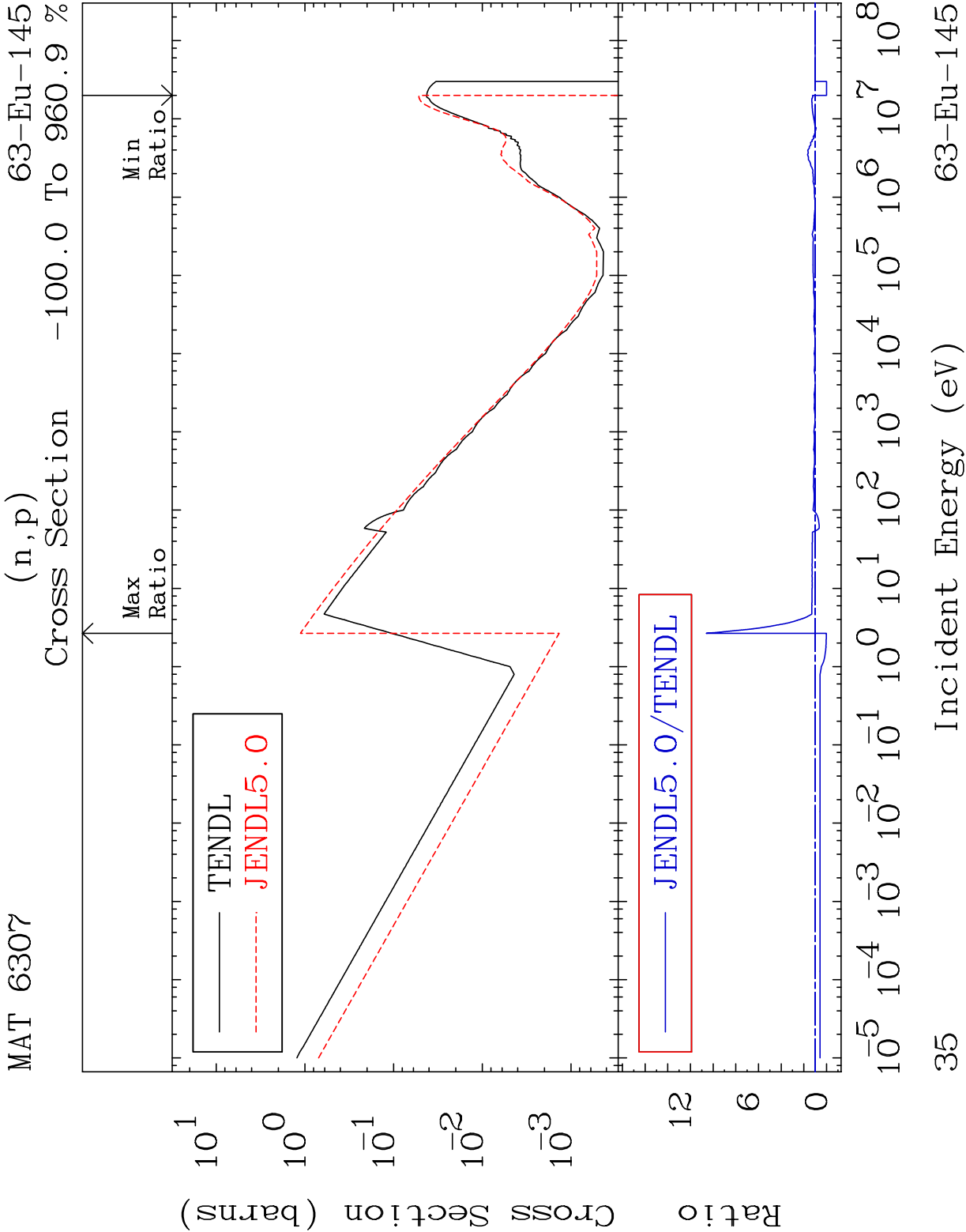


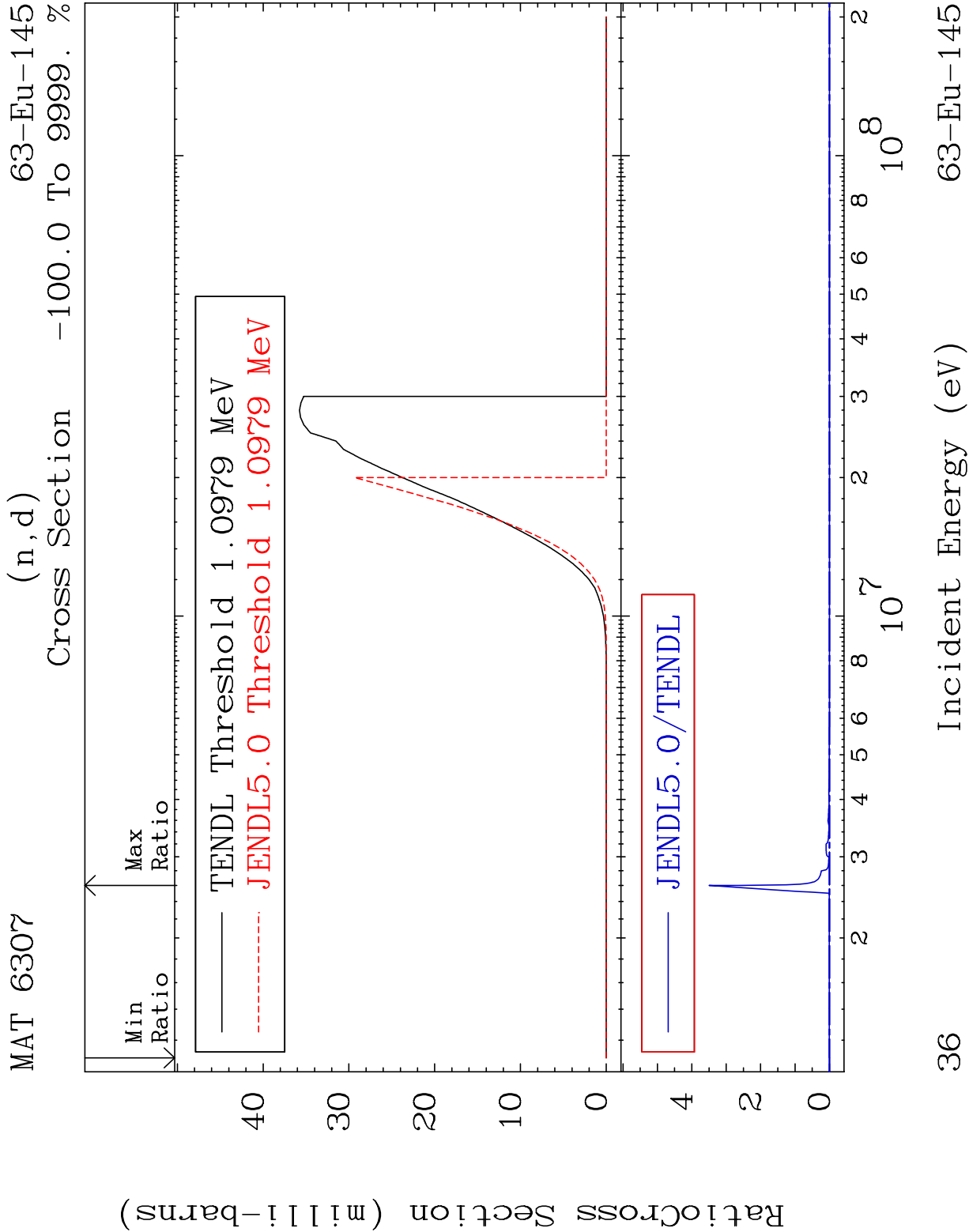


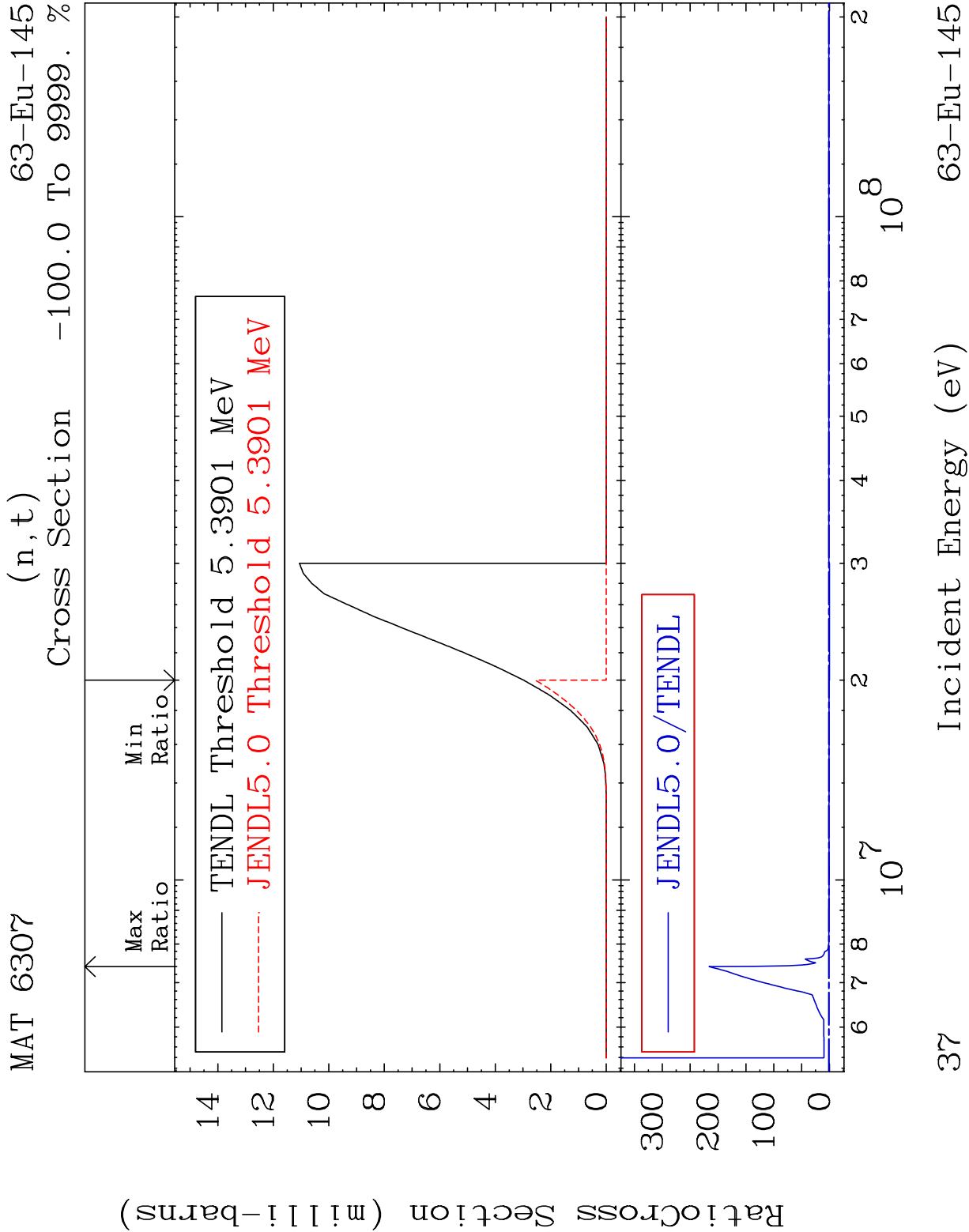


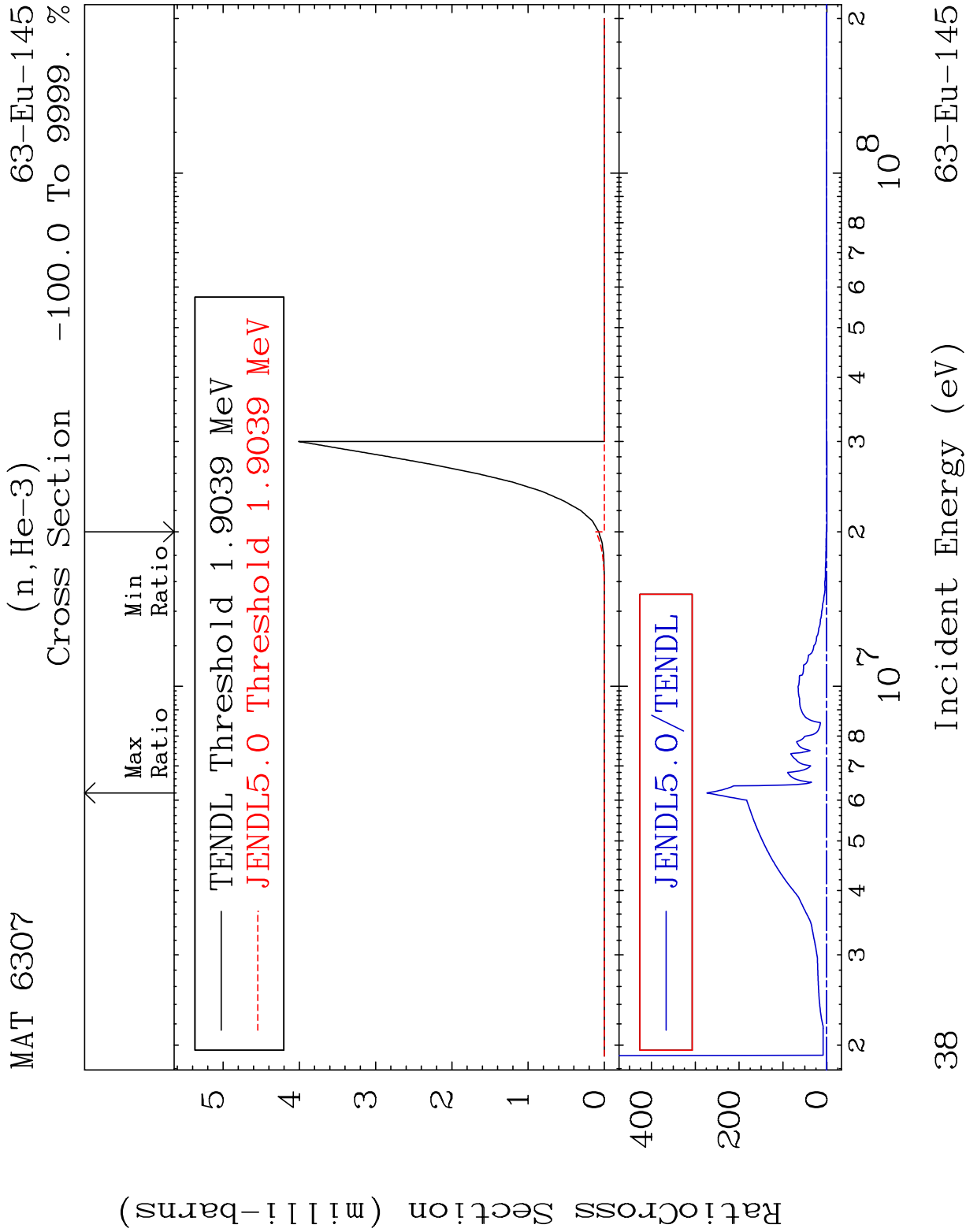
33

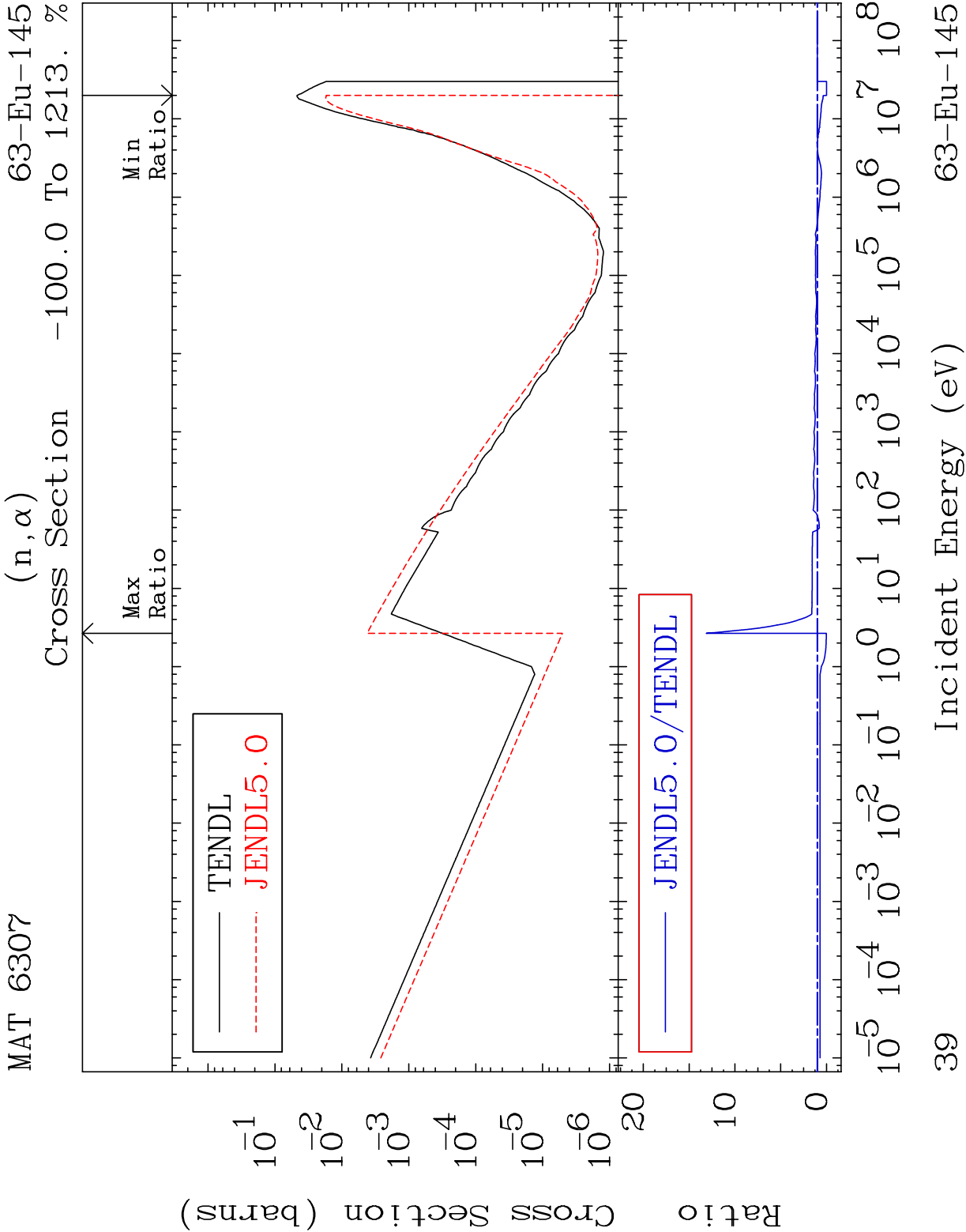


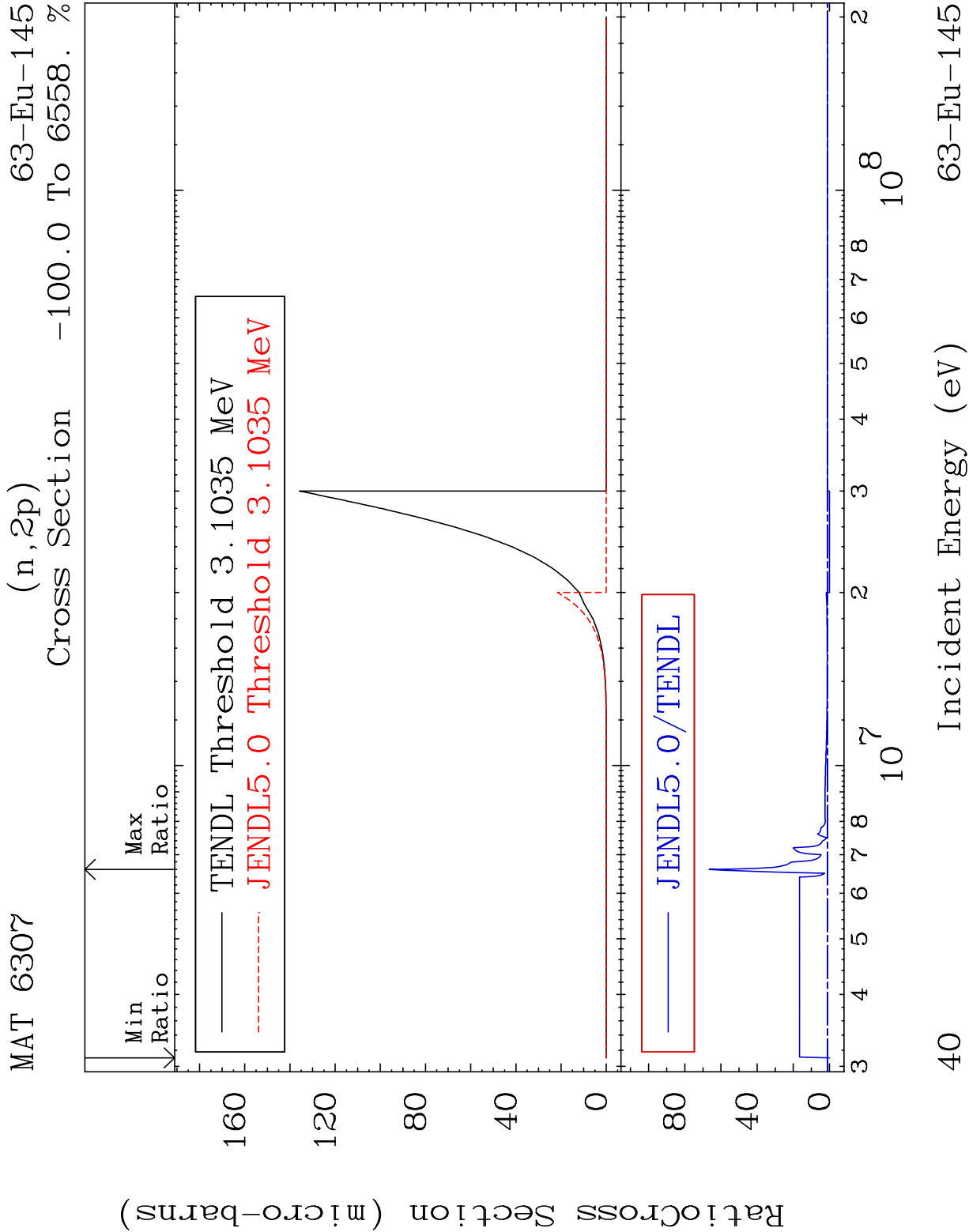


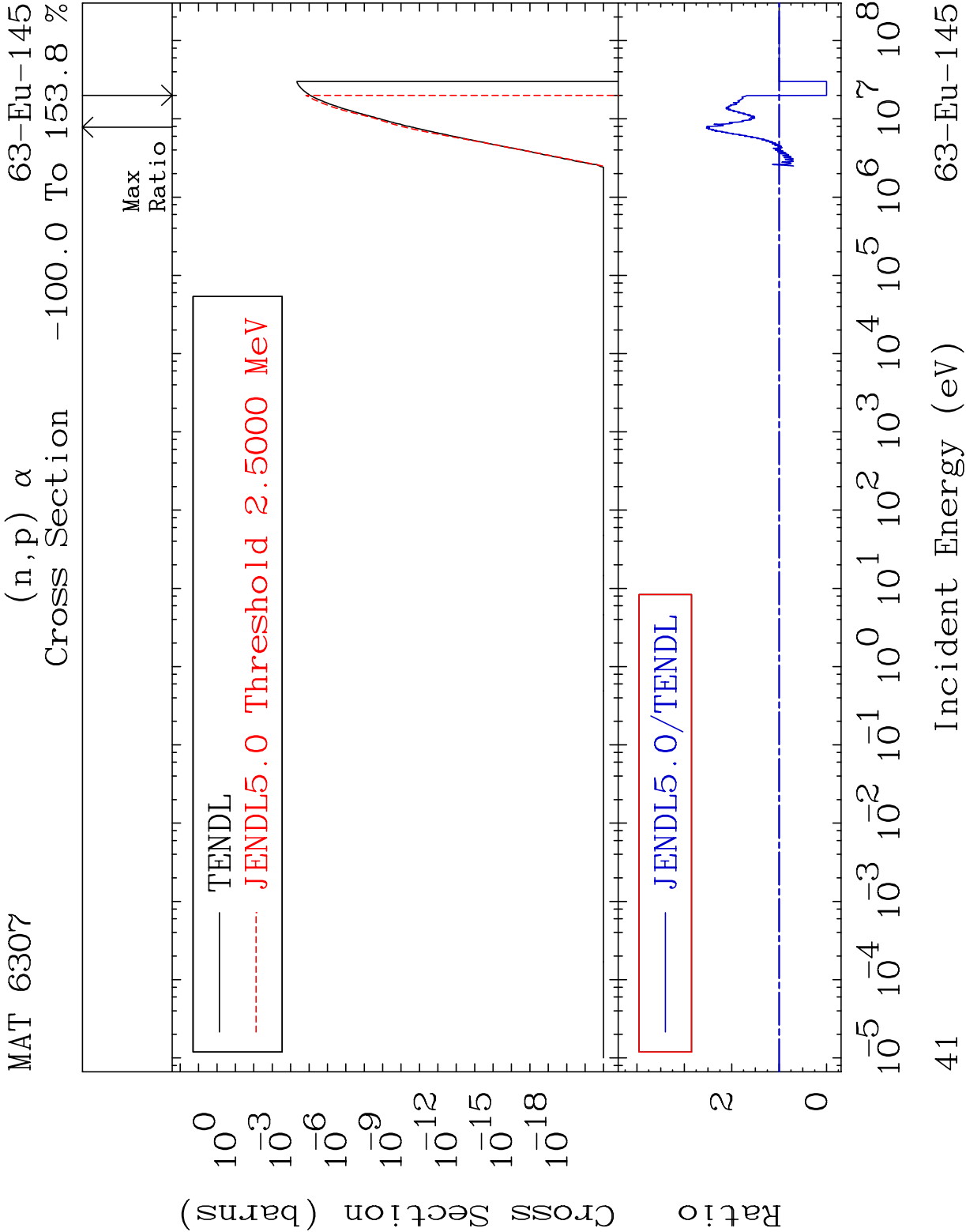


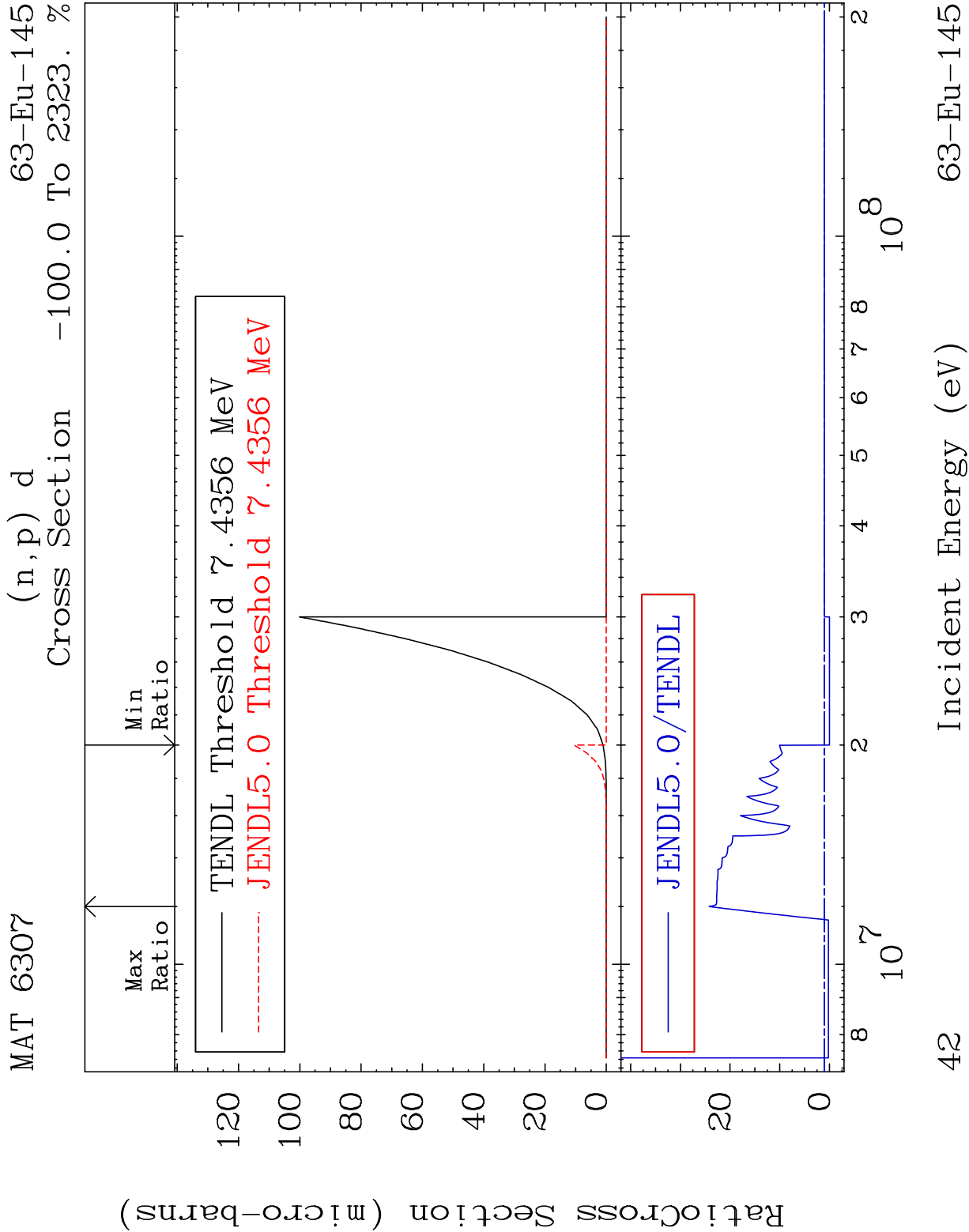




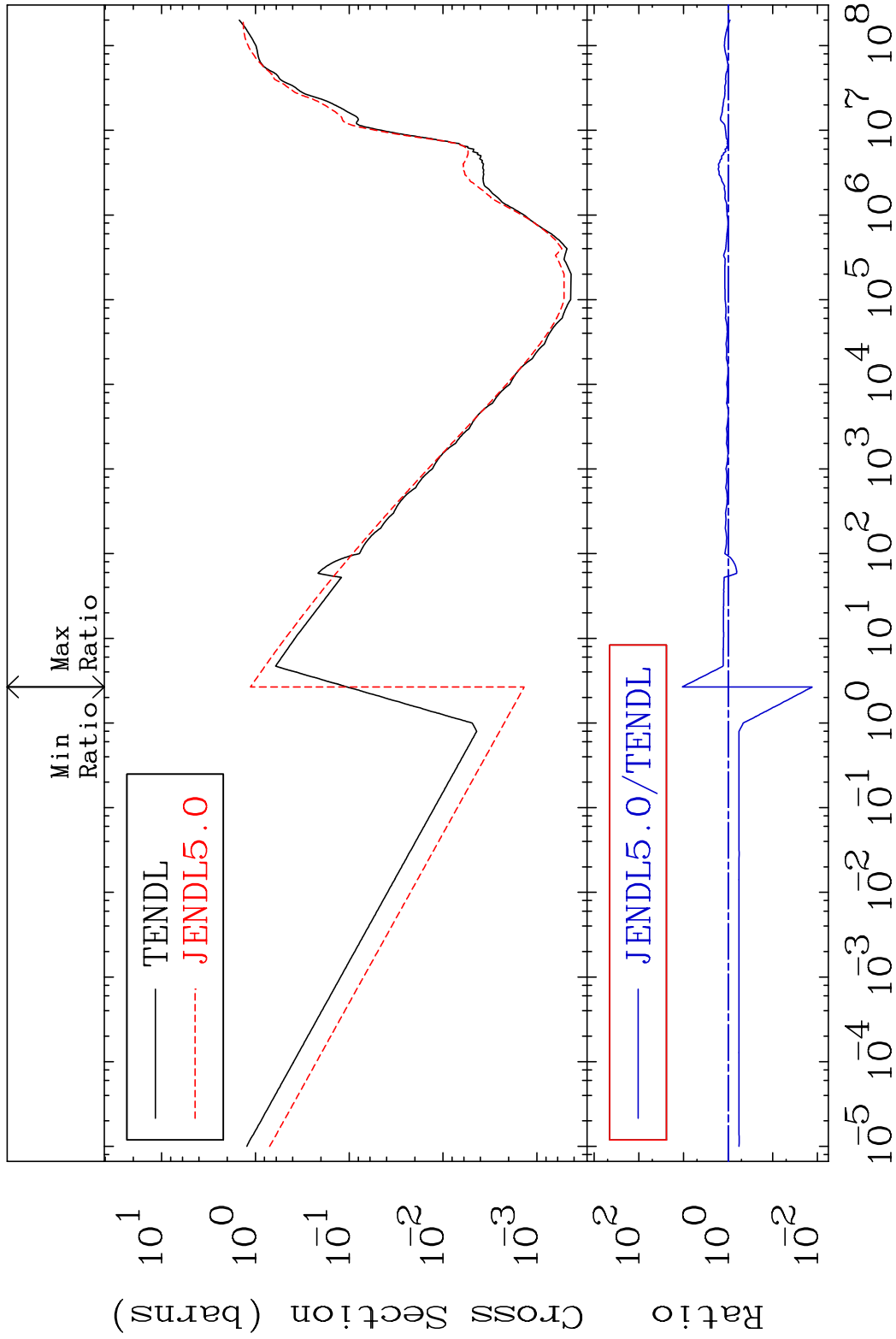




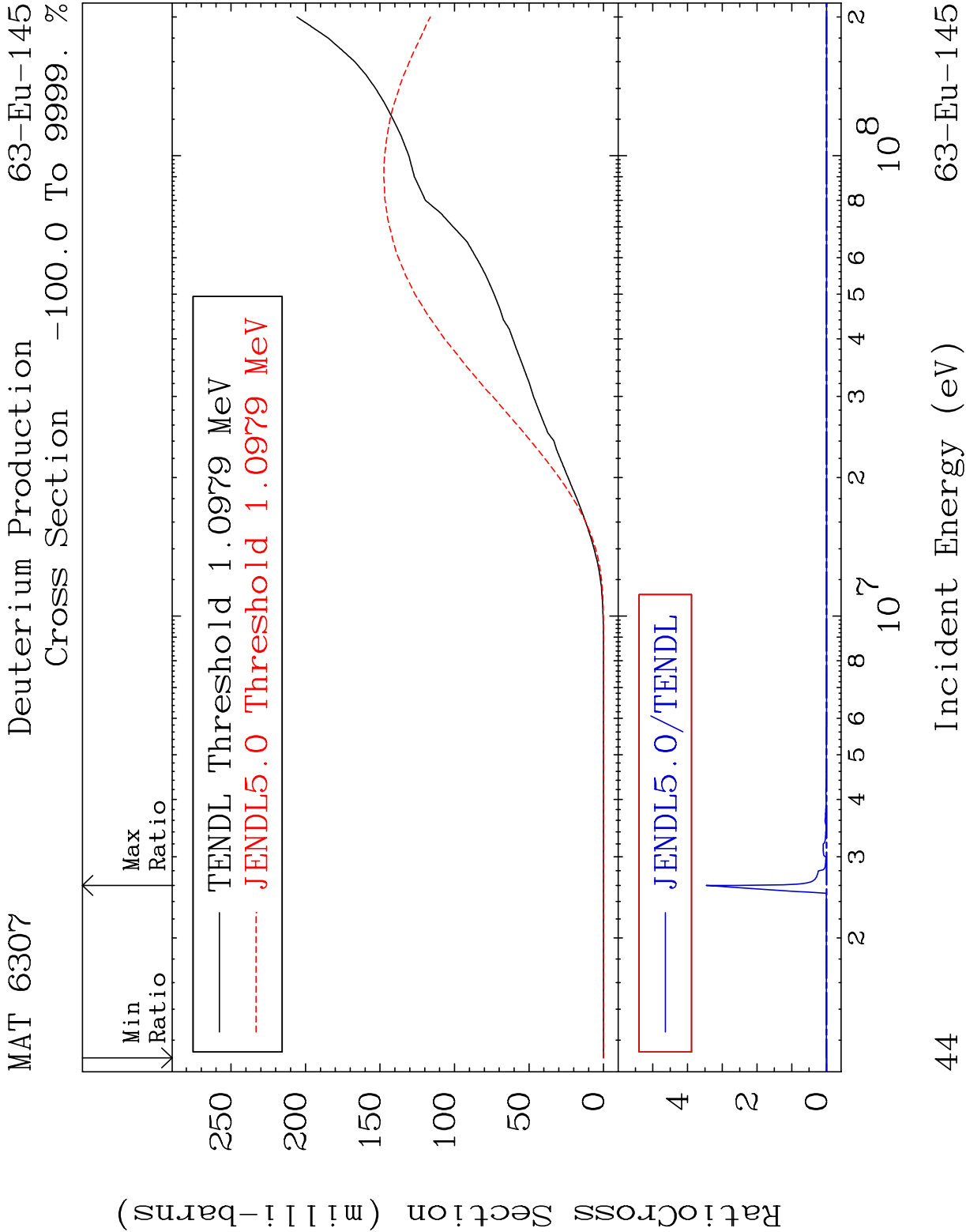


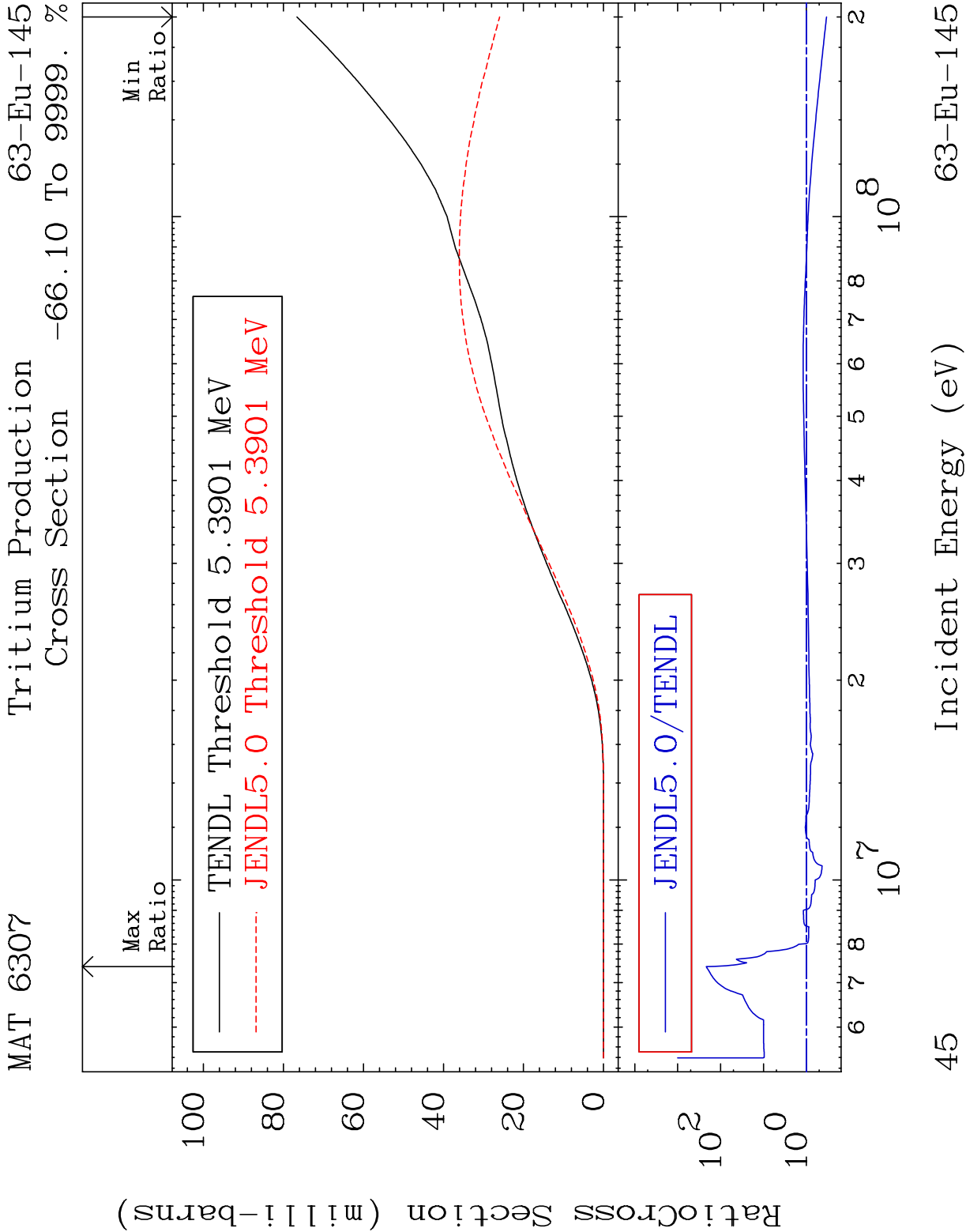


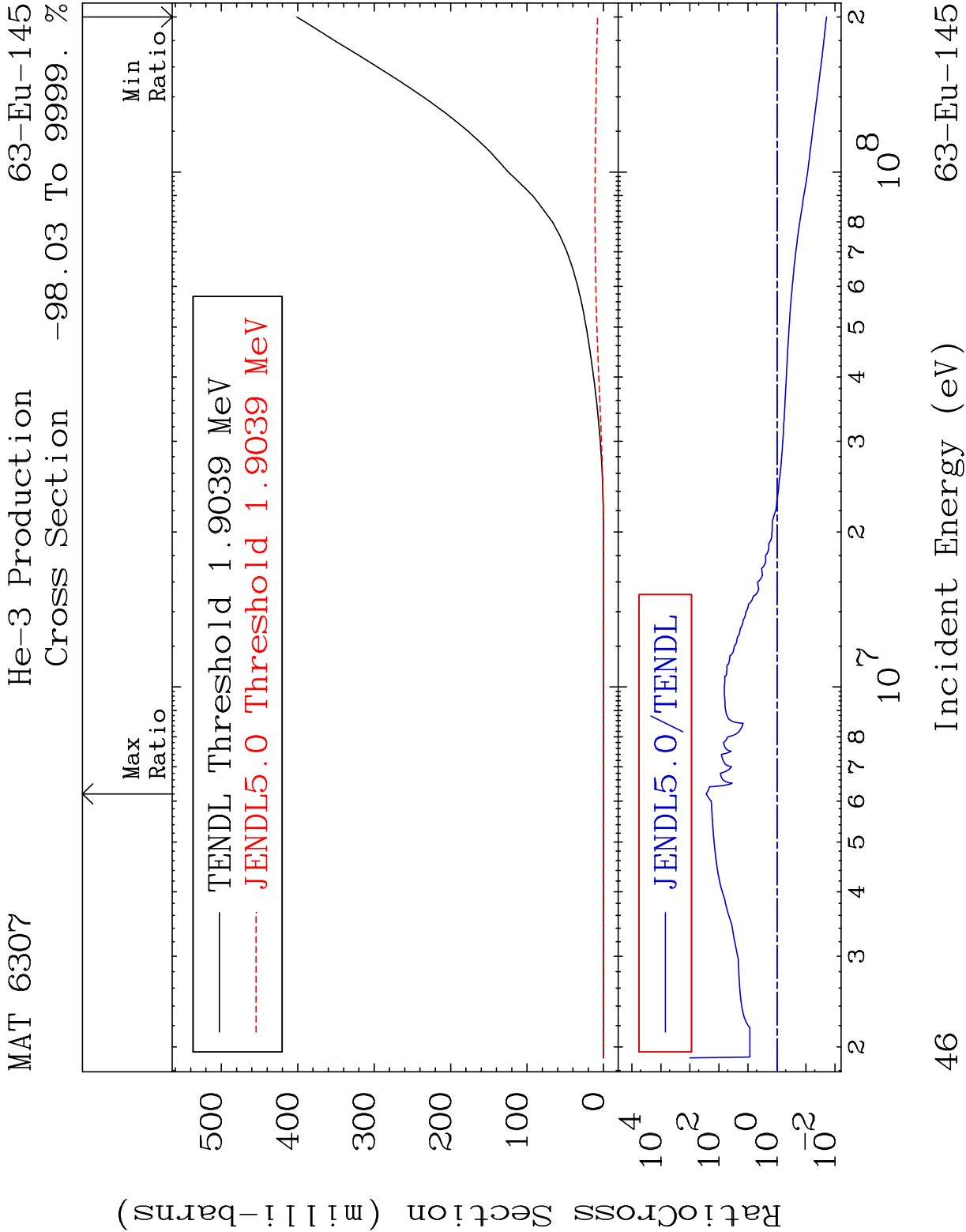
MAT 6307 Hydrogen Production 63-Eu-145
Cross Section -98.72 To 960.9 %

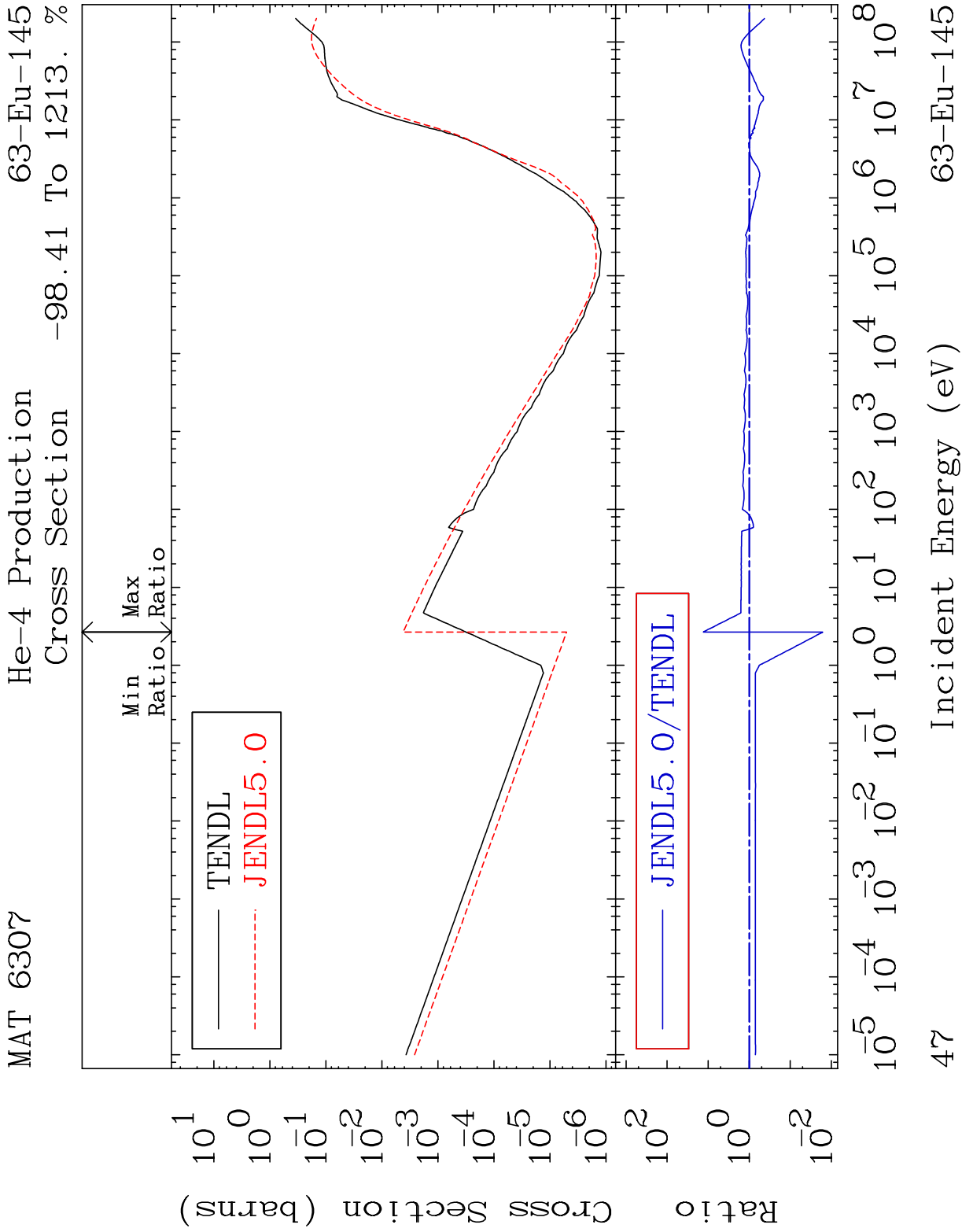


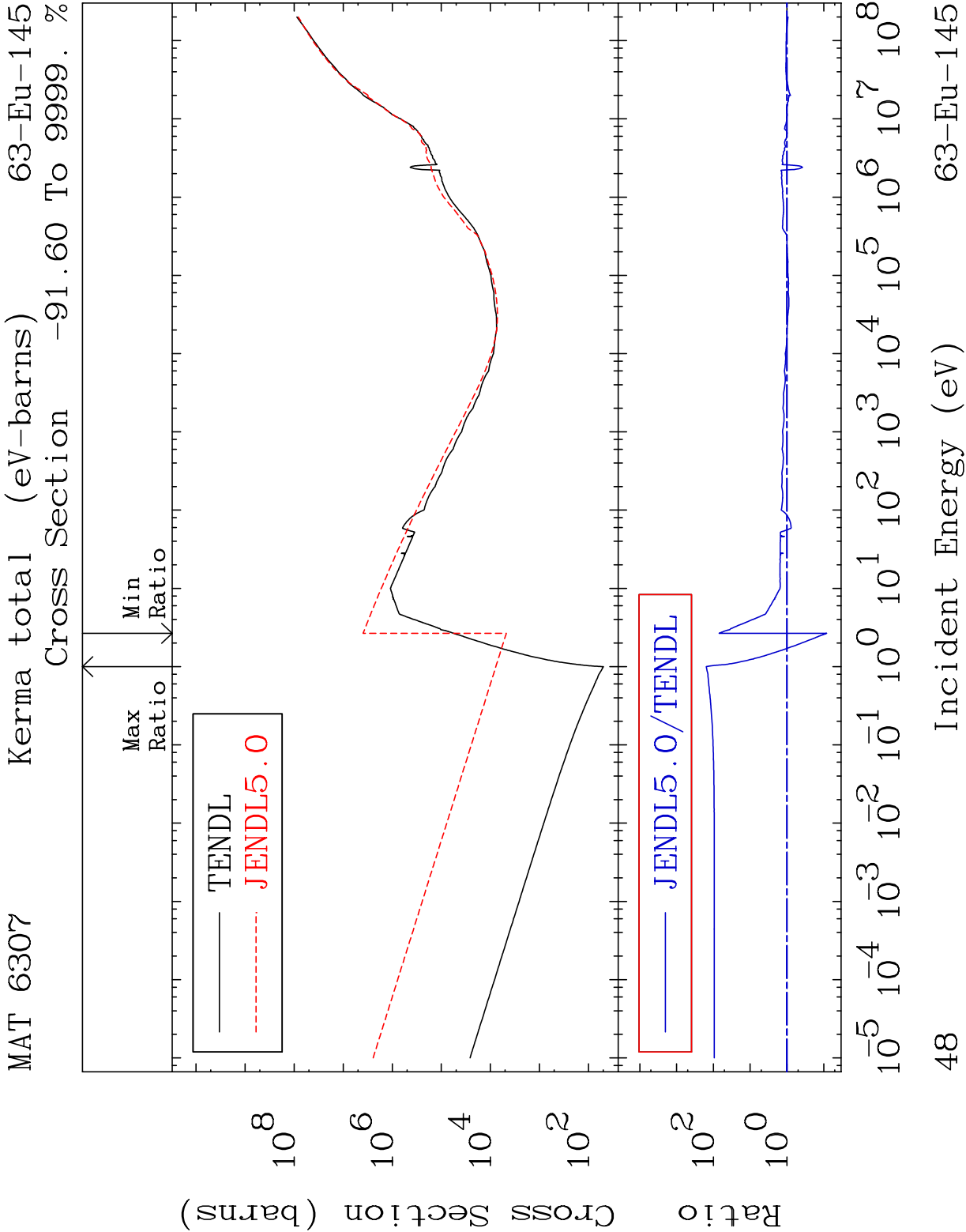
43 Incident Energy (eV) 63-Eu-145



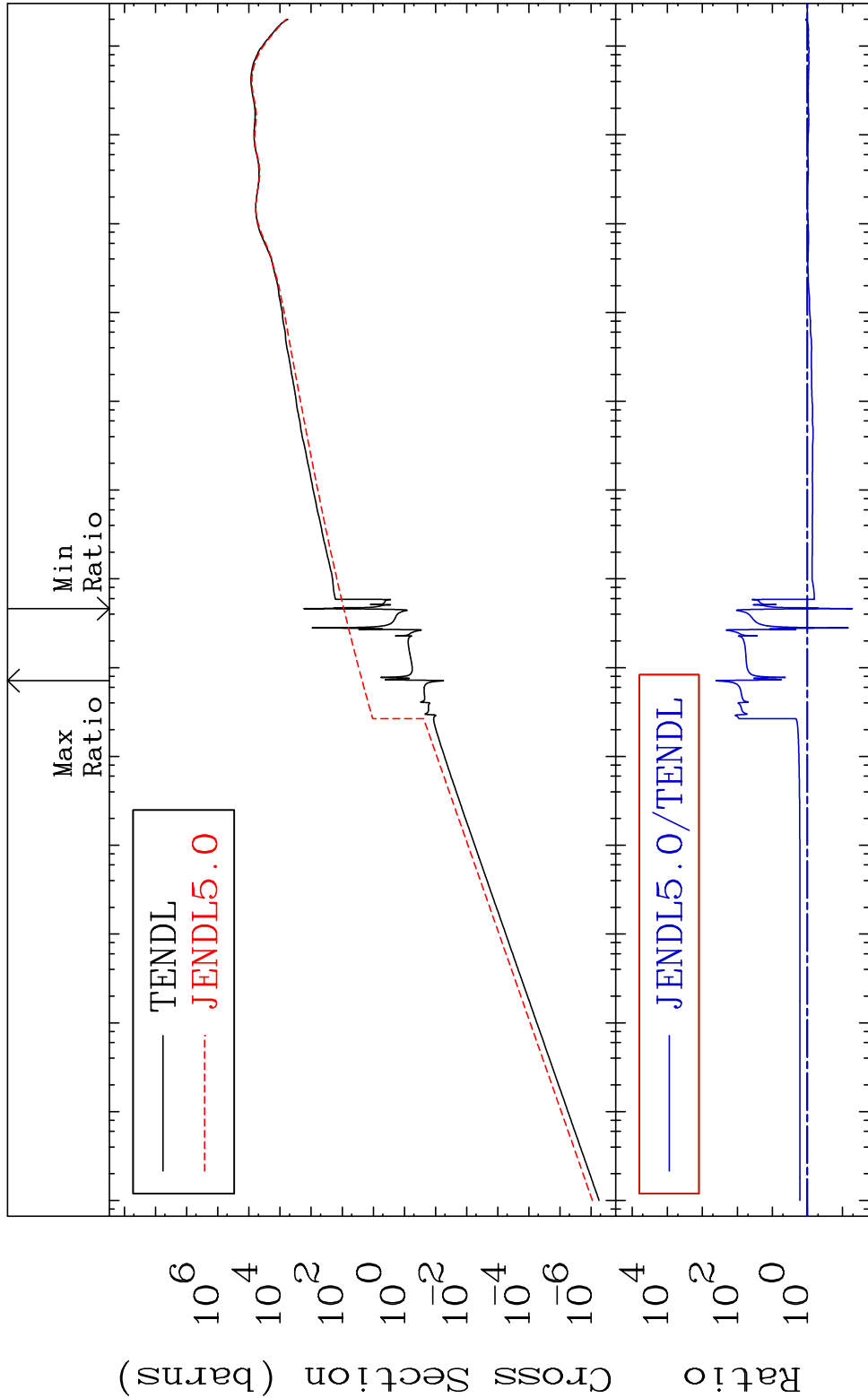








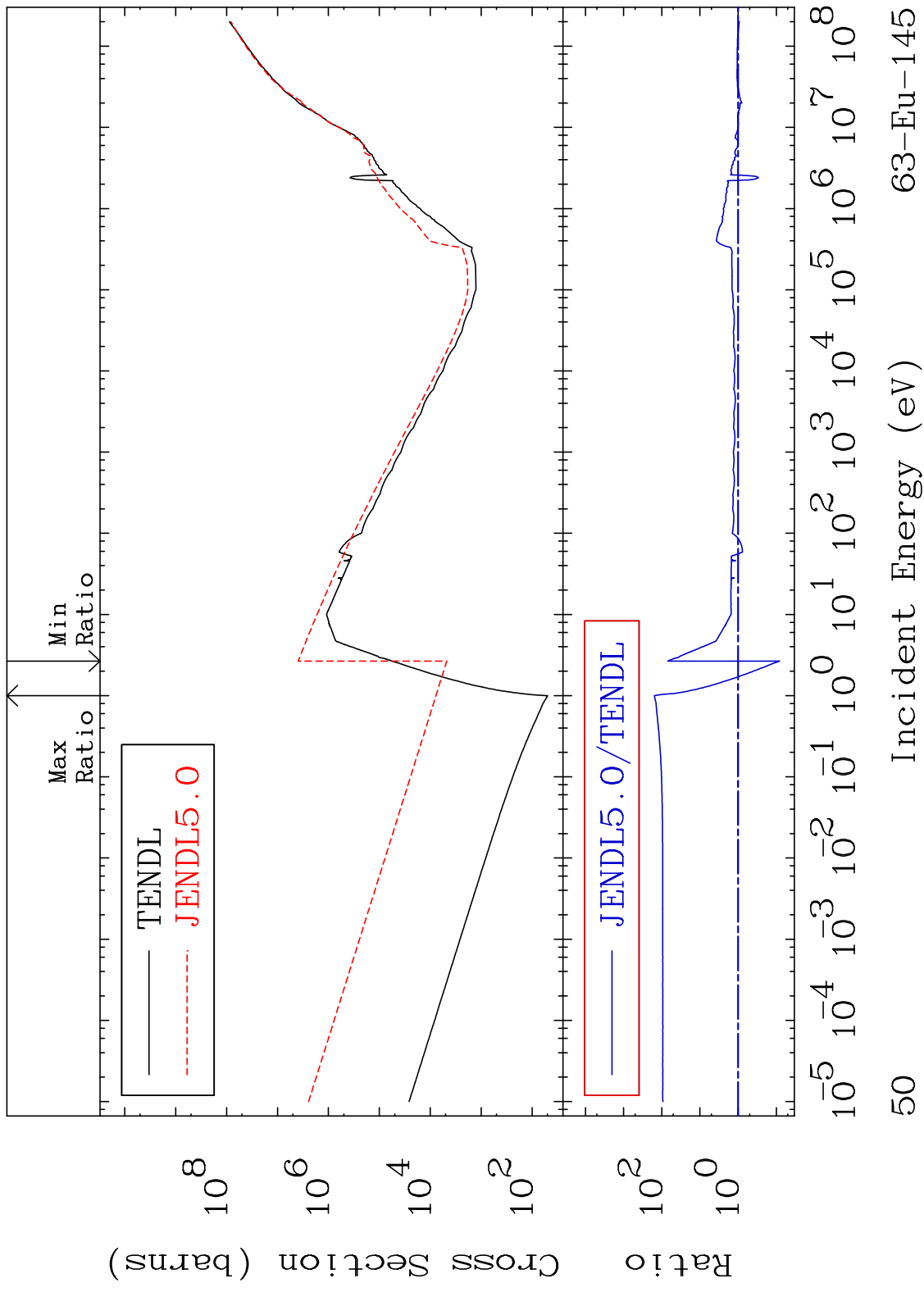
MAT 6307 Kerma elastic 63-Eu-145
Cross Section -94.74 To 9999. %

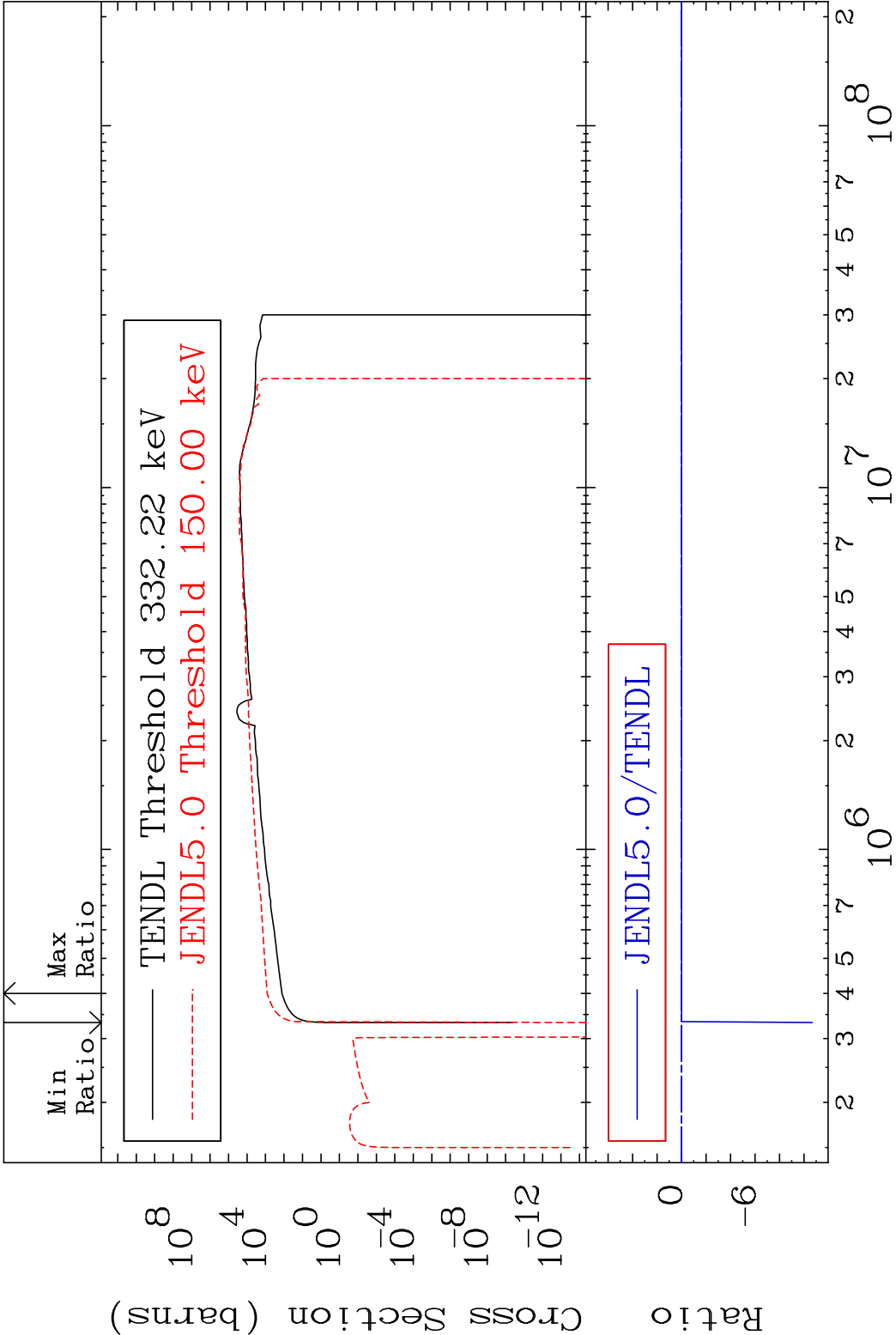


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

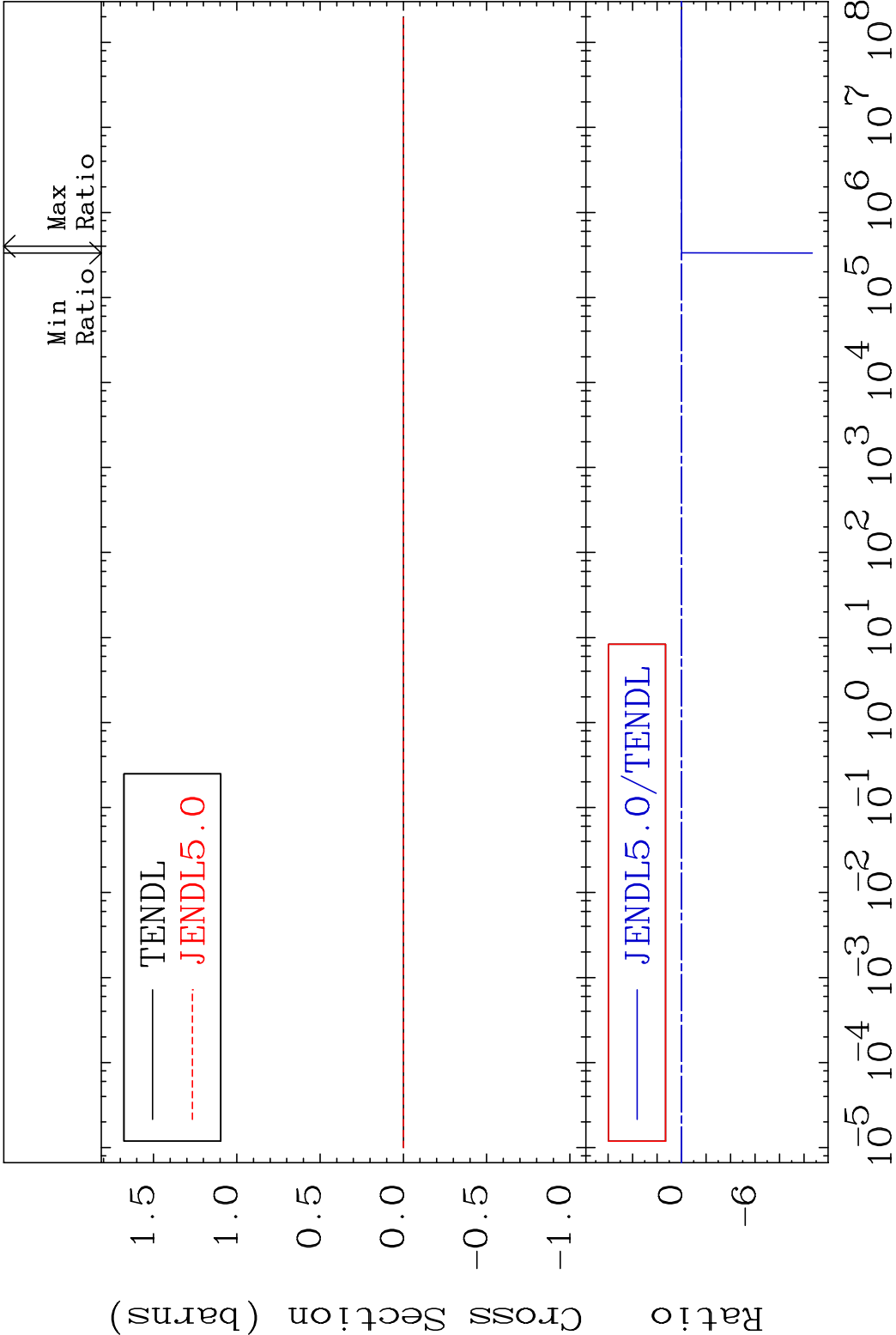
49 Incident Energy (eV) 63-Eu-145

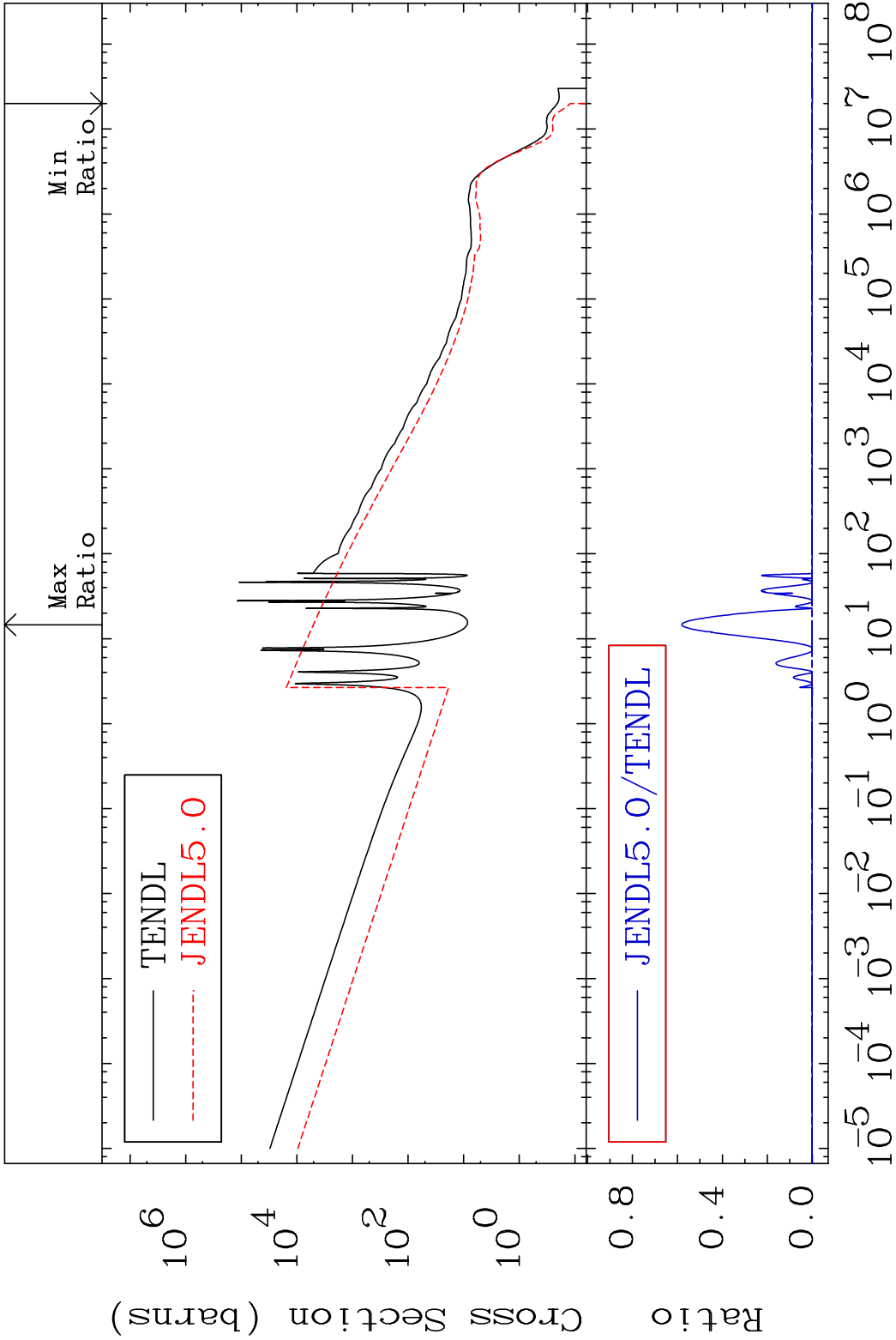
MAT 6307	Kerma non-elastic (all but mt2)	63-Eu-145
	Cross Section	-91.60 To 9999. %



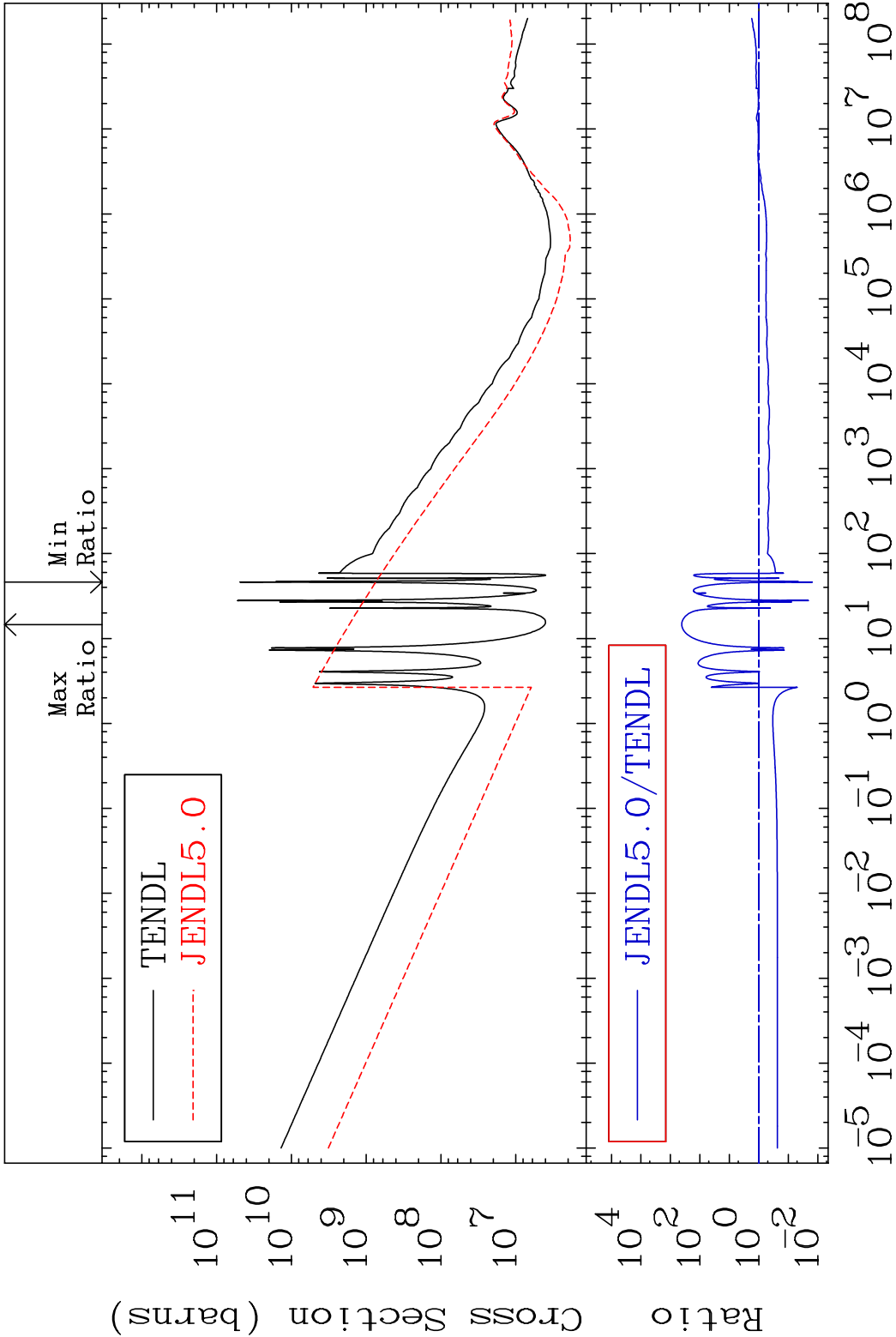


MAT 6307 Kerma fission (mt18 or mt19-20-21-38)63-Eu-145
Cross Section -9999. To 536.0 %

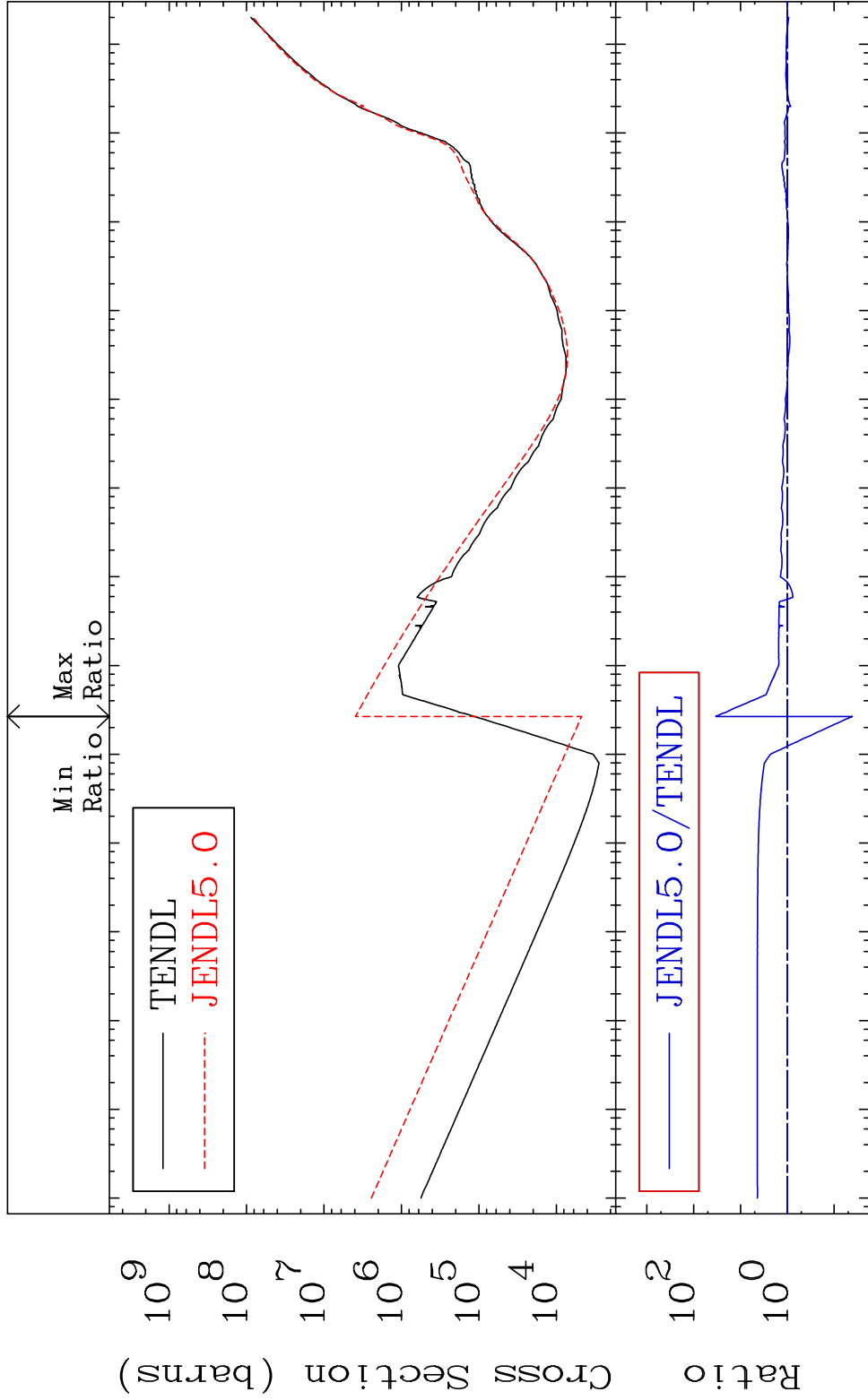




MAT 6307 Total photon (eV-barns) 63-Eu-145
Cross Section -98.47 To 9999. %



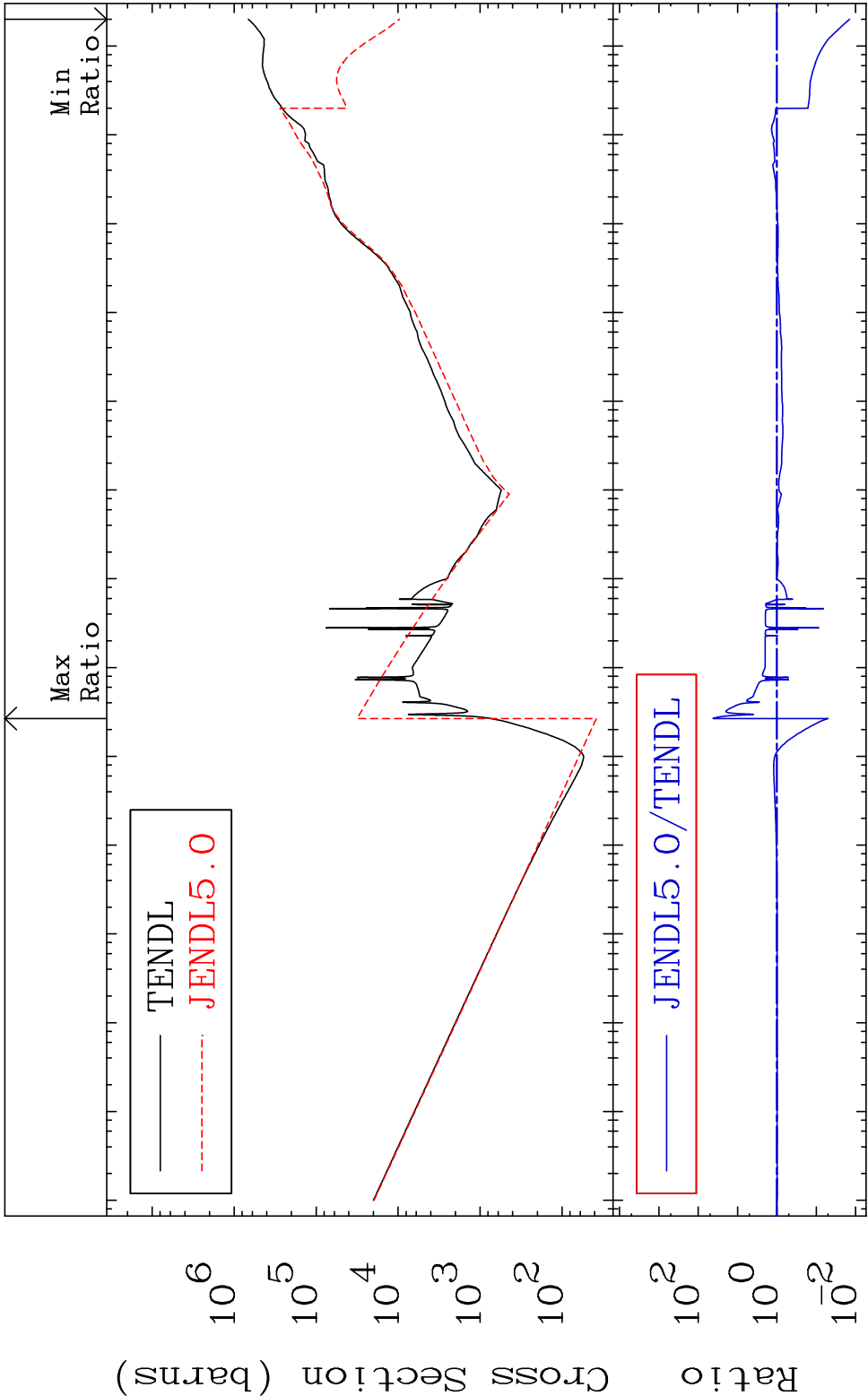
MAT 6307 Total kinematic kerma (high limit) 63-Eu-145
Cross Section -95.90 To 3291. %



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

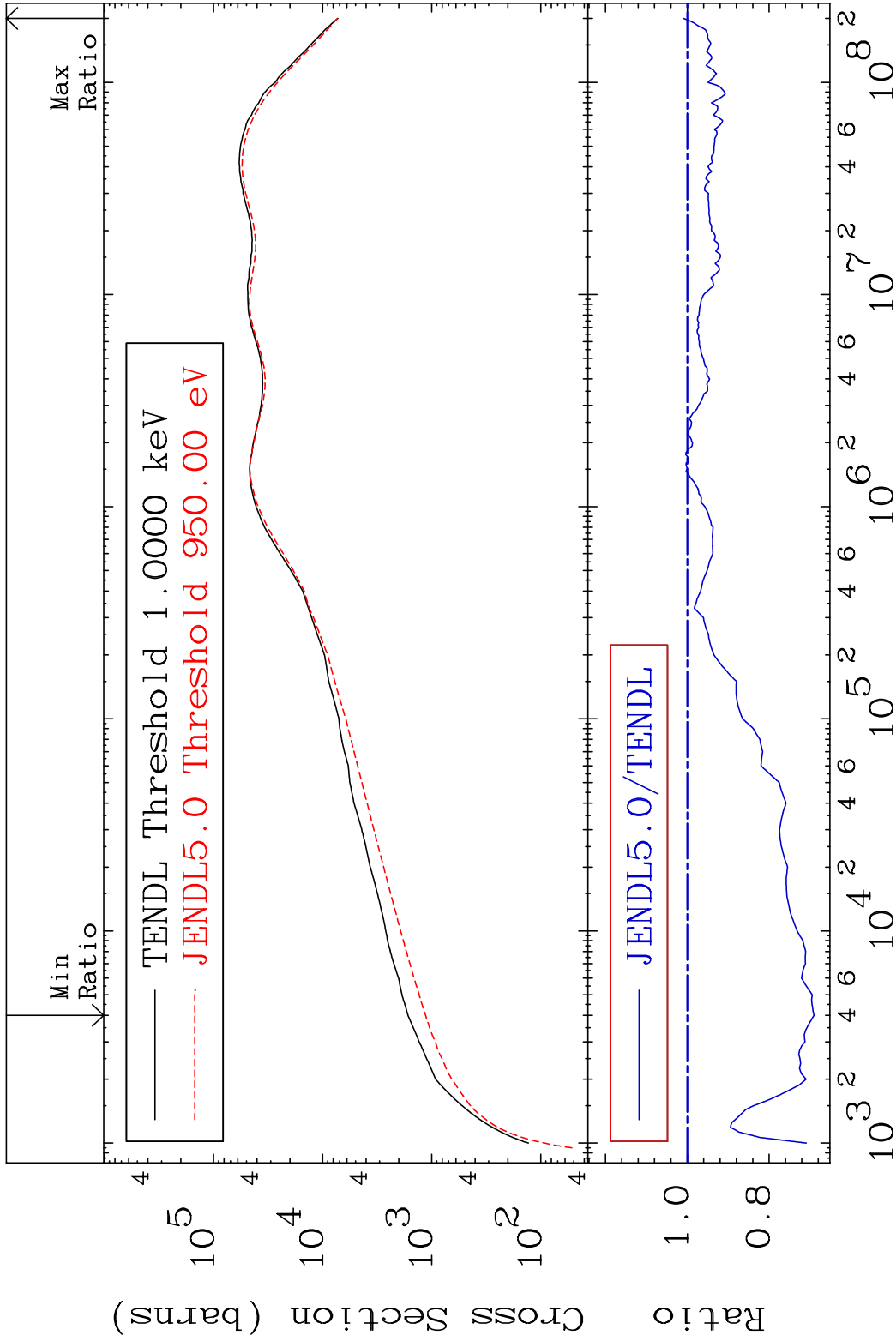
55 Incident Energy (eV) 63-Eu-145

MAT 6307 Dpa total (eV-barns) 63-Eu-145
Cross Section -98.57 To 4127. %

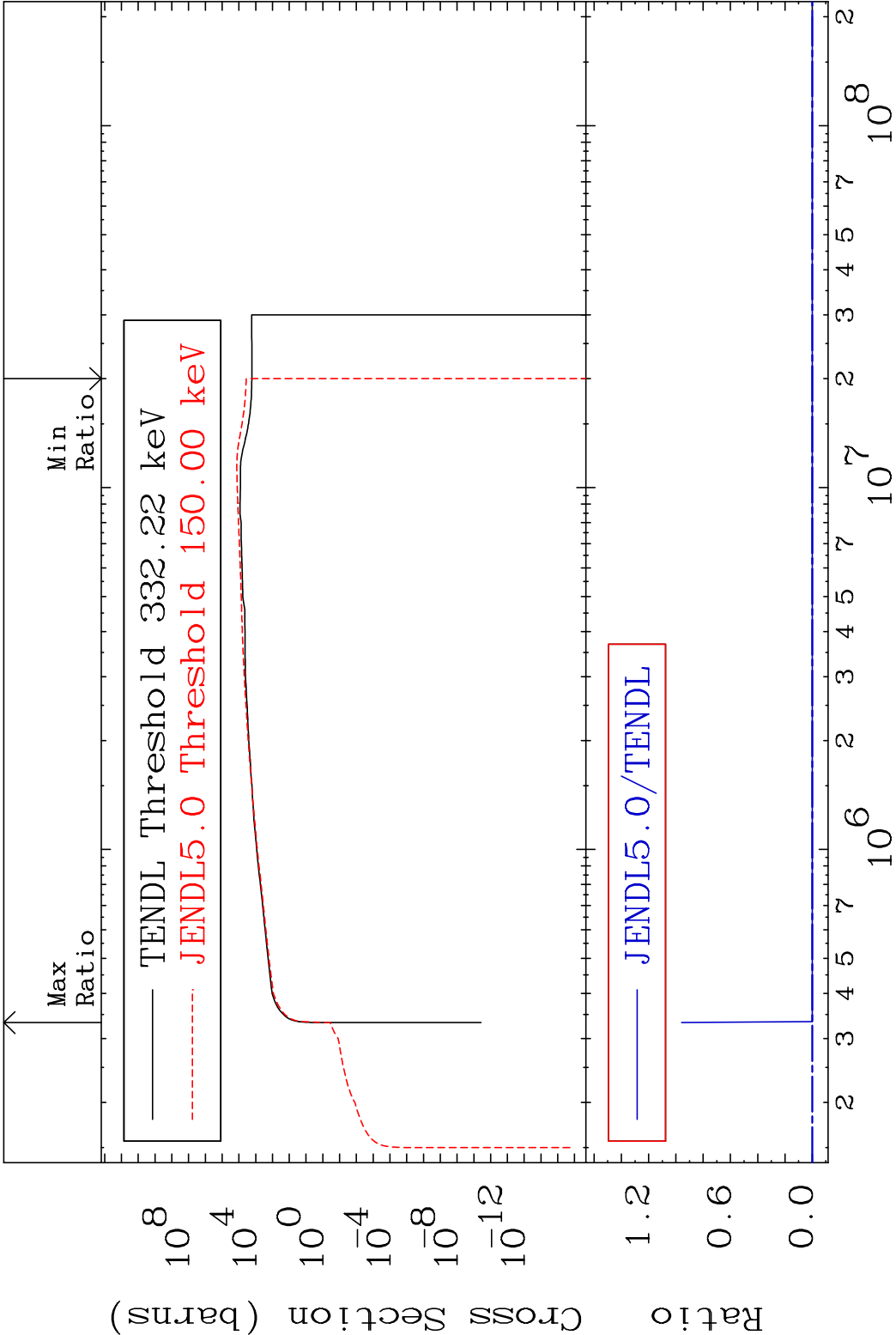


Incident Energy (eV) 63-Eu-145

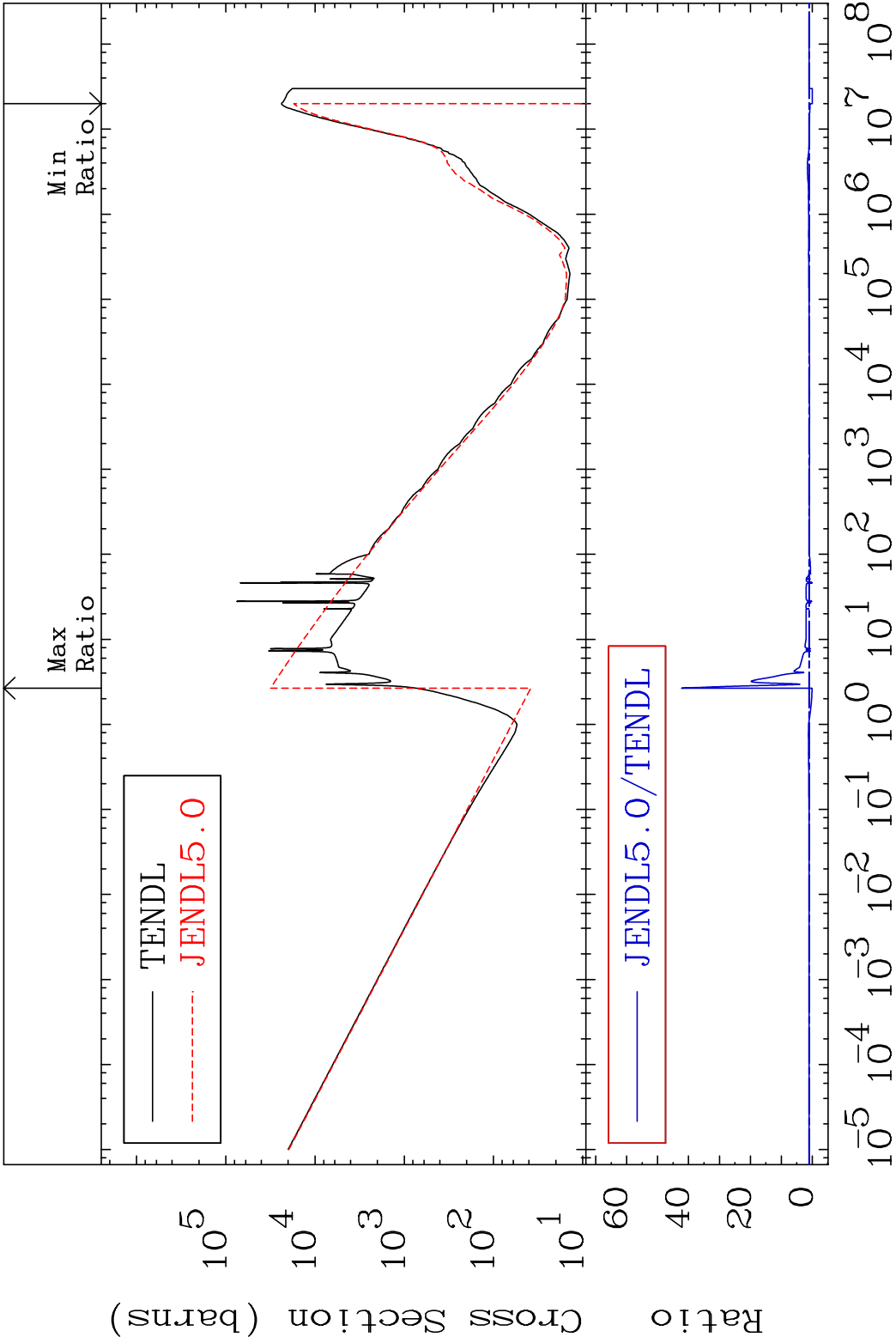
MAT 6307	Dpa elastic (mt2)	63-Eu-145
	Cross Section	-30.98 To 0.934 %



57	Incident Energy (eV)	63-Eu-145
----	----------------------	-----------



MAT 6307 Dpa disappearance (mt102 -120) 63-Eu-145
Cross Section -100.0 To 4127. %



59 Incident Energy (eV) 63-Eu-145

