

Program Complot
(Version 2021-1)

by

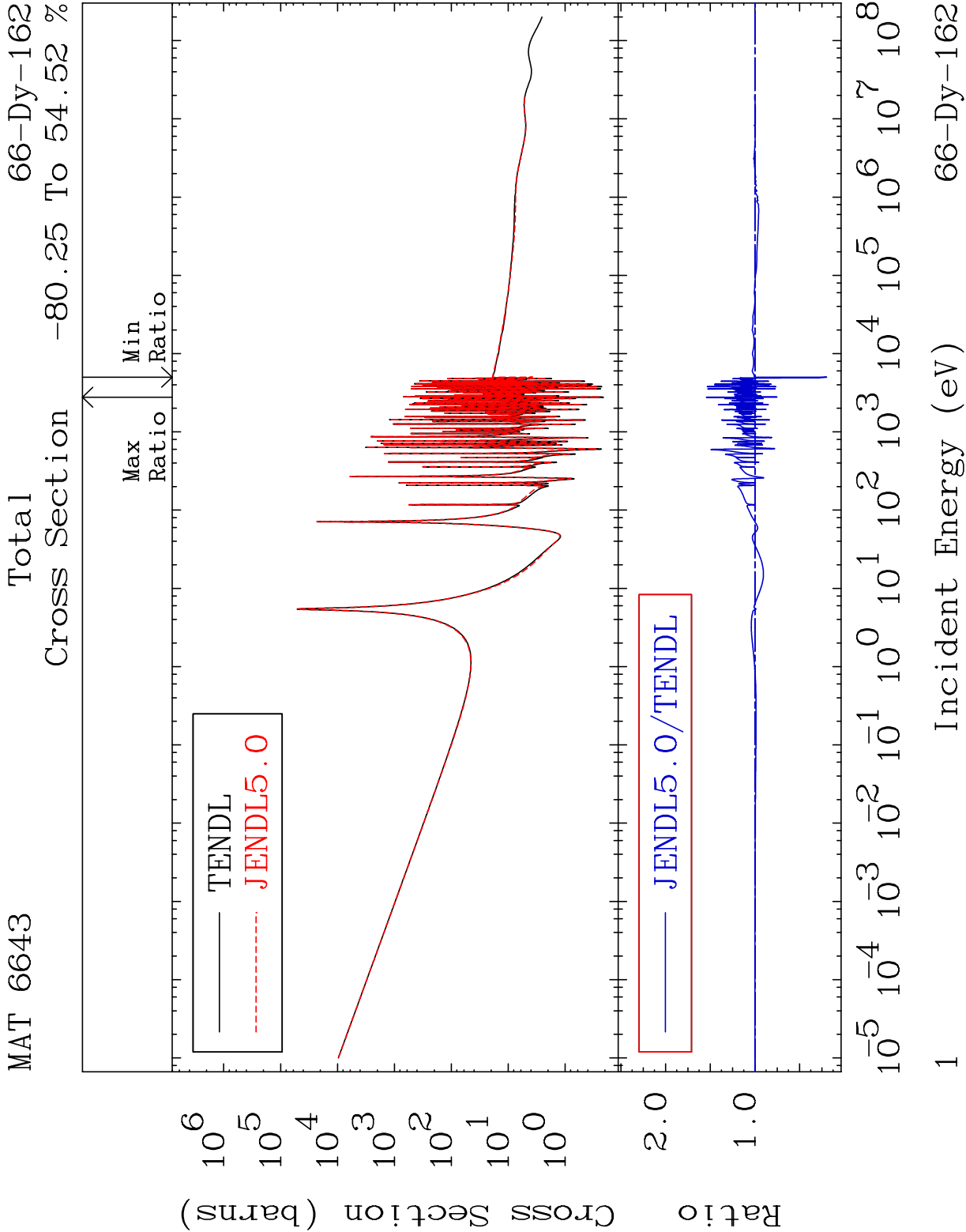
Dermott E. Cullen
(Present Contact Information)

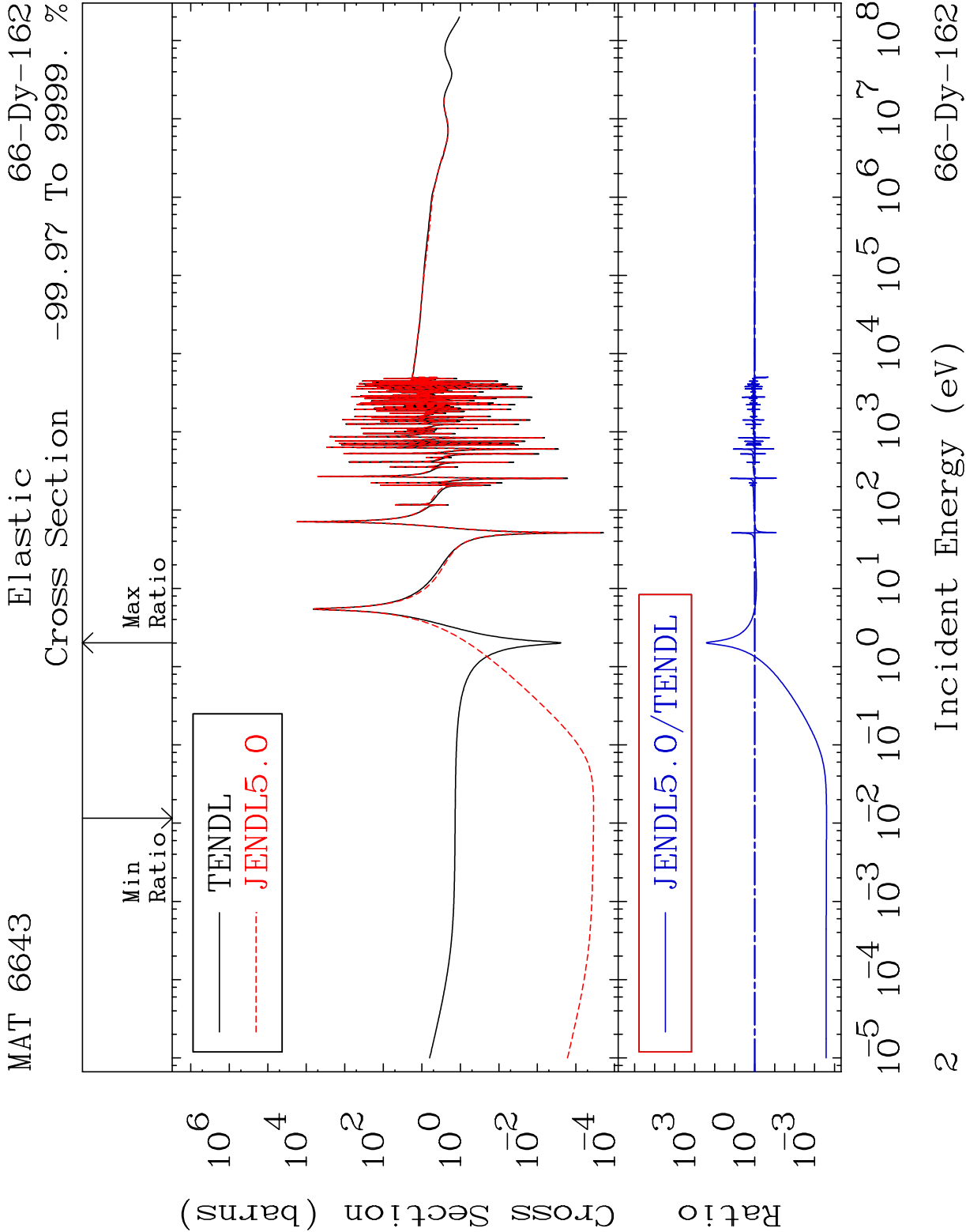
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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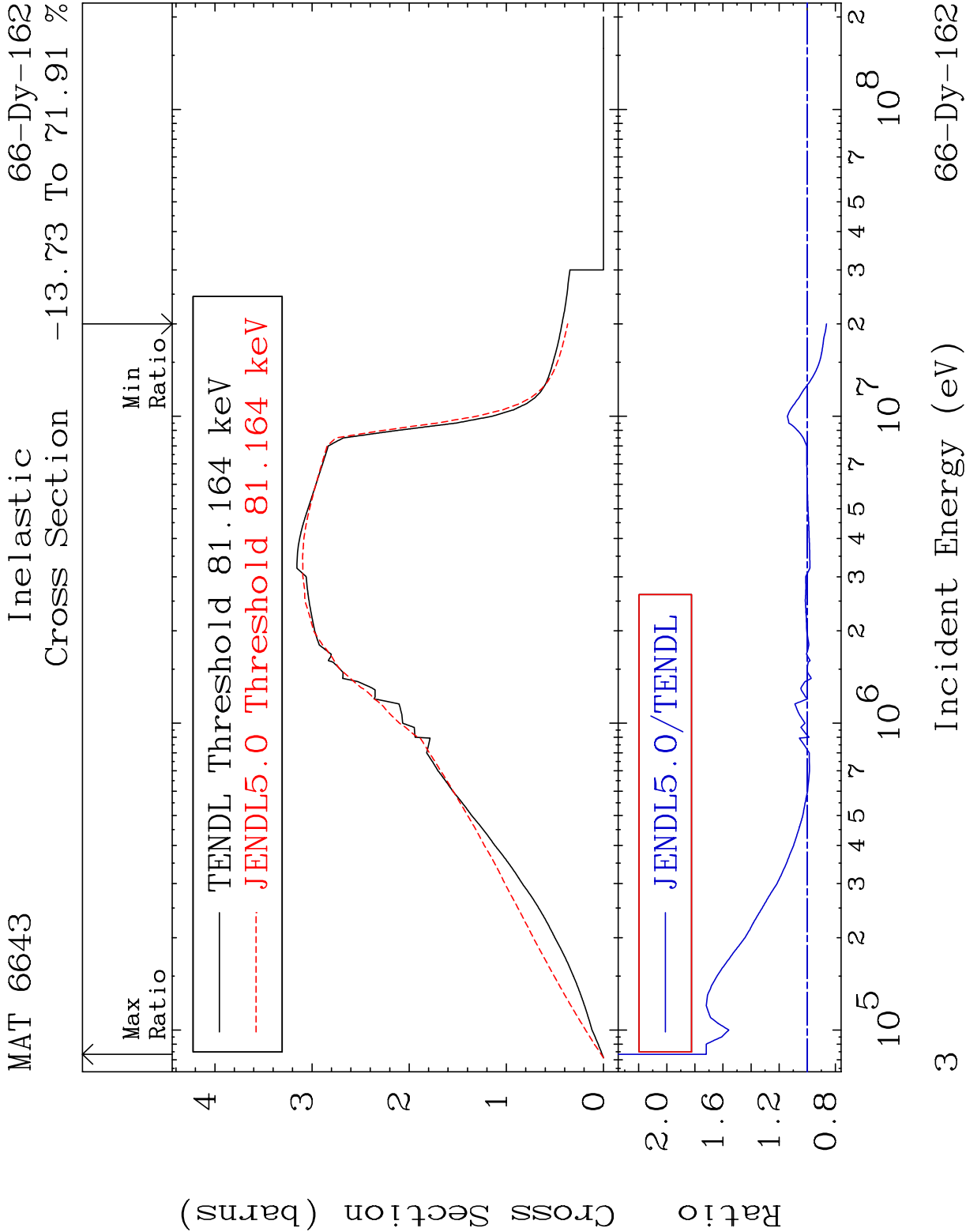
Tele: 925-443-1911

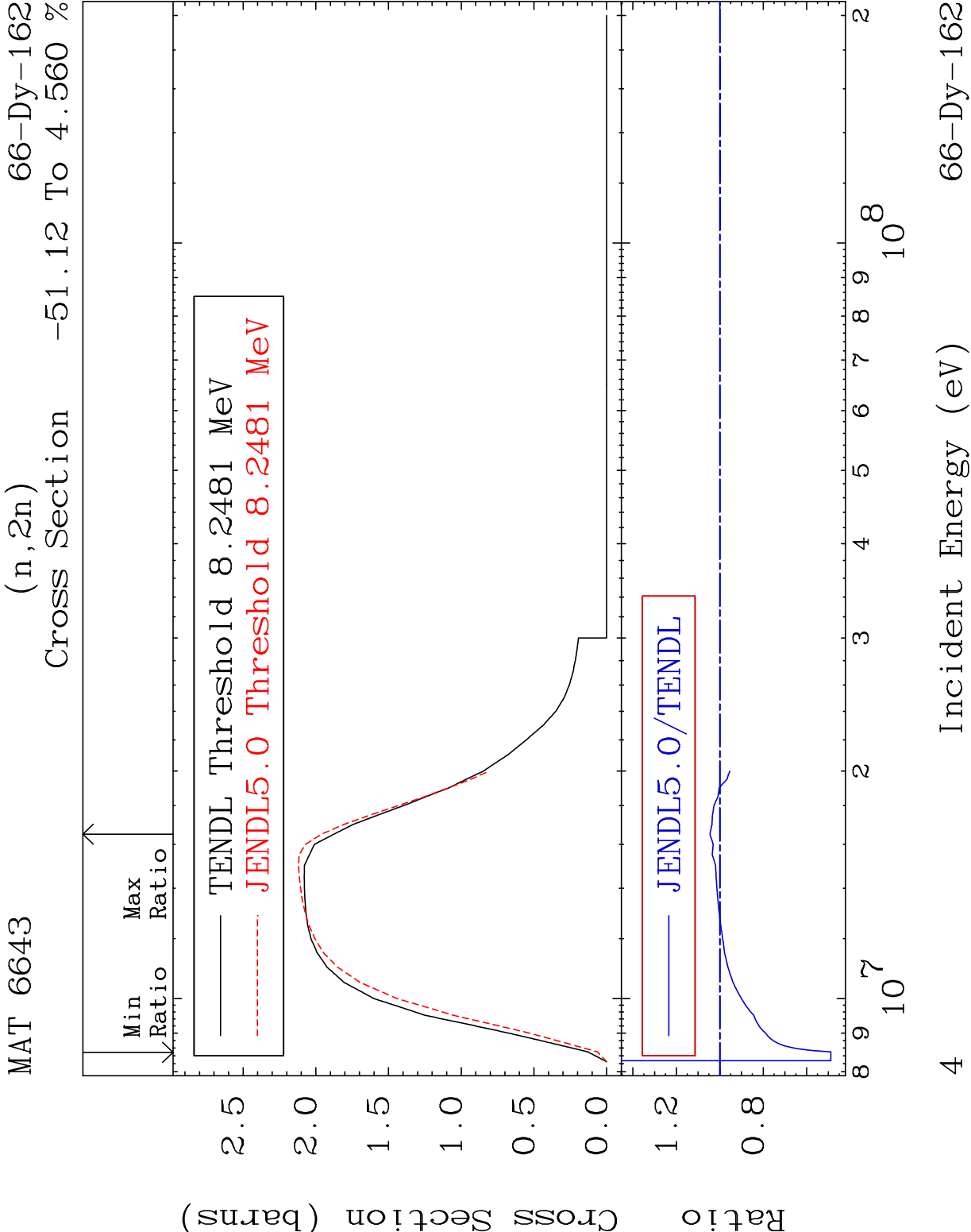
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

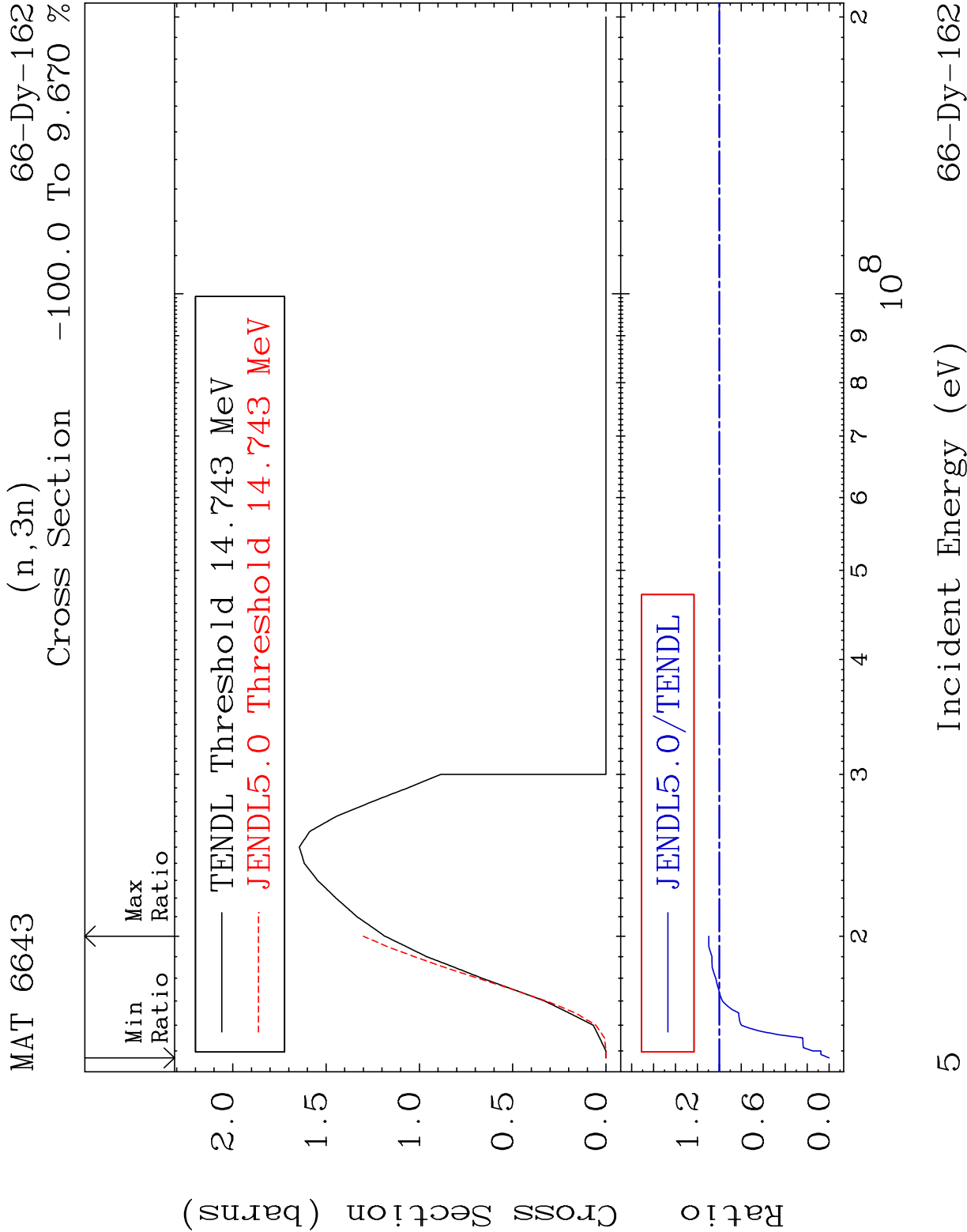
Press Mouse Button to Start

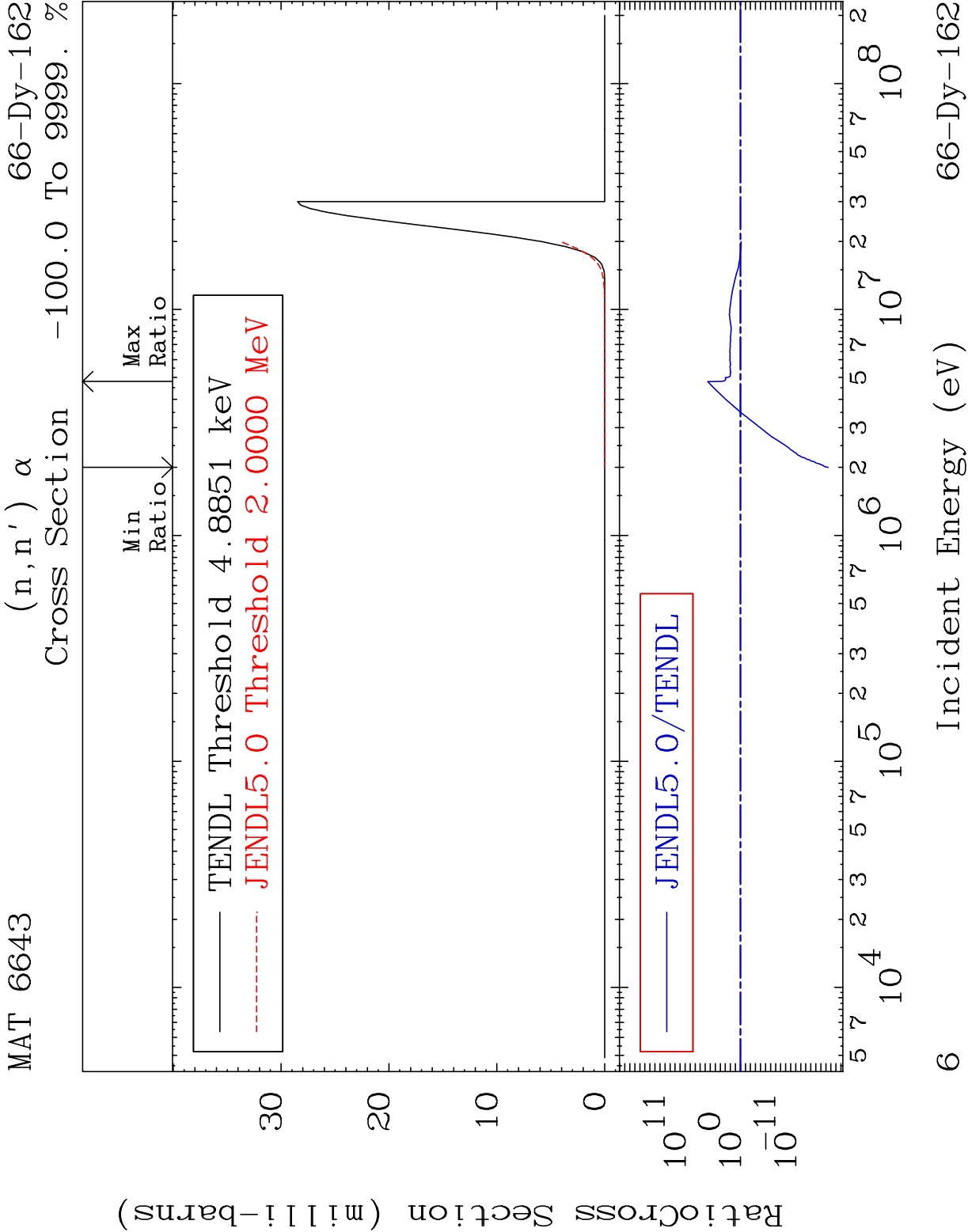


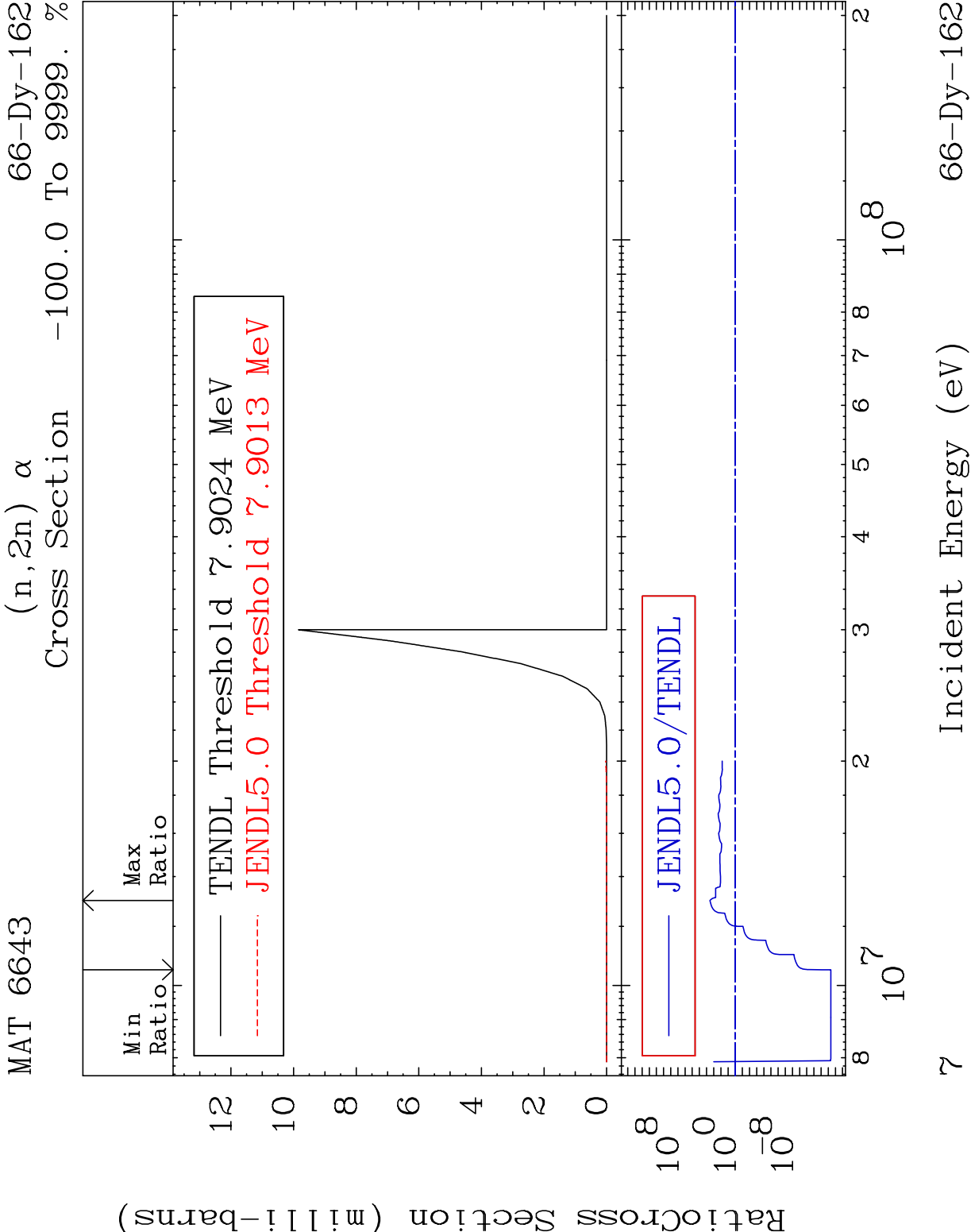


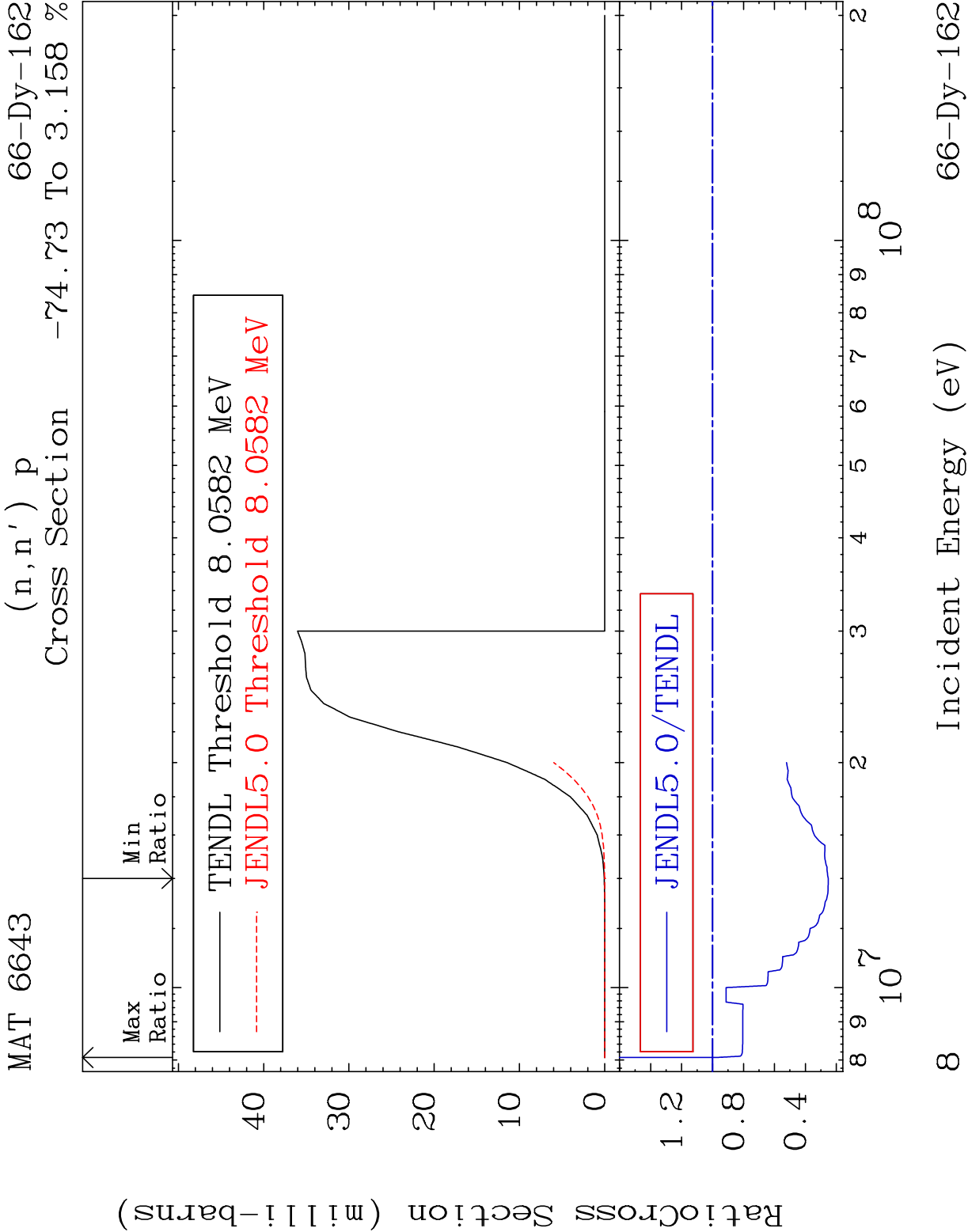


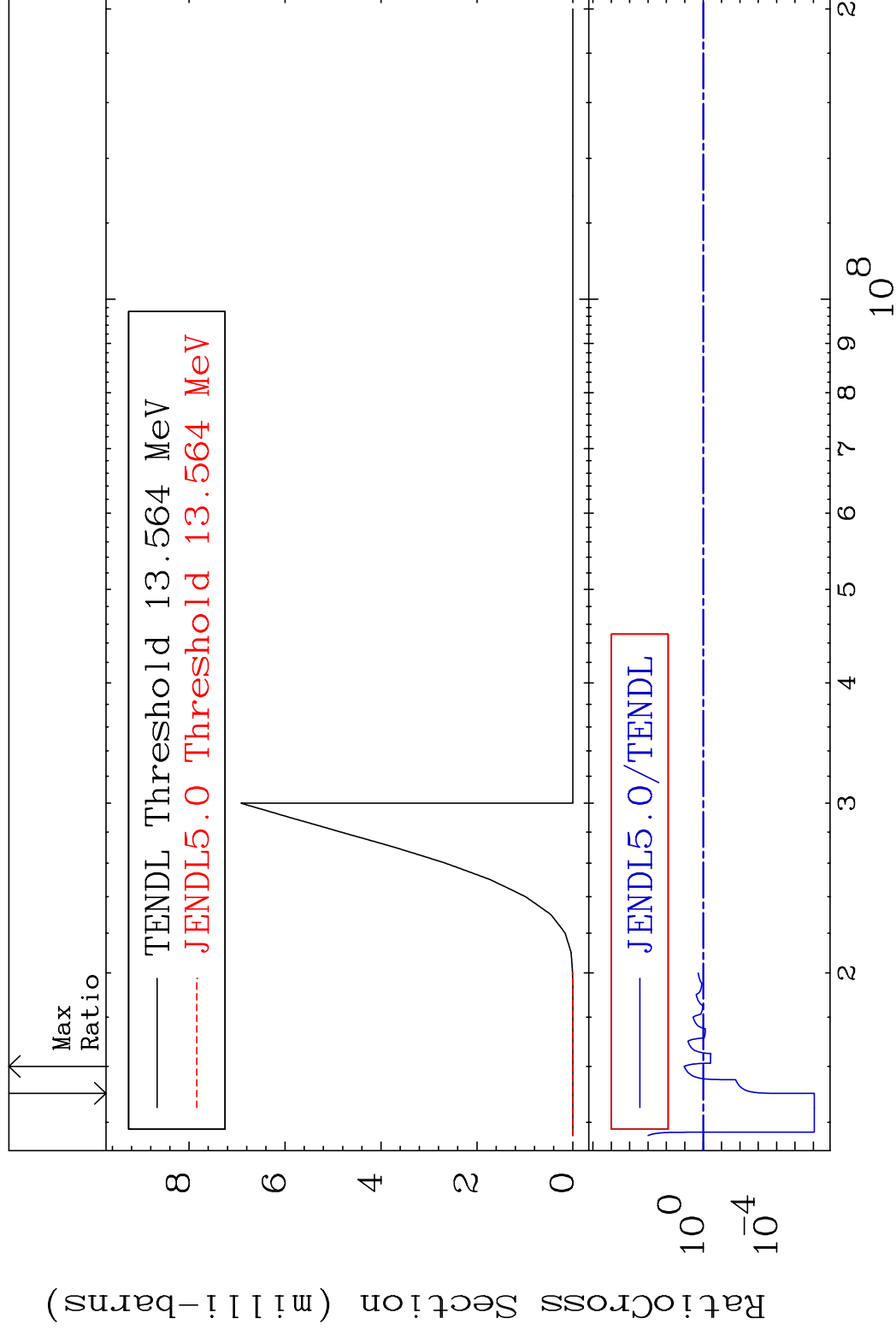




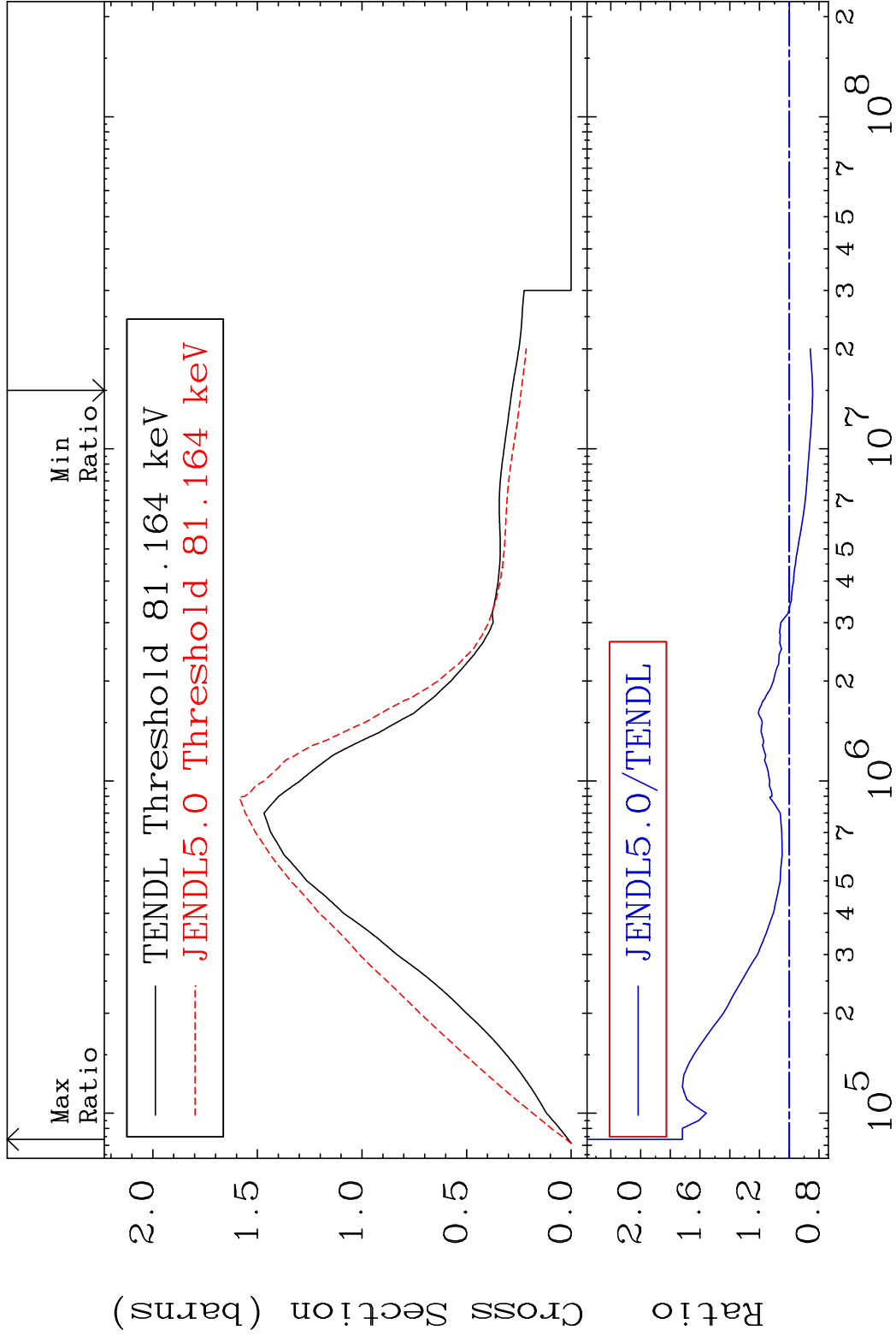




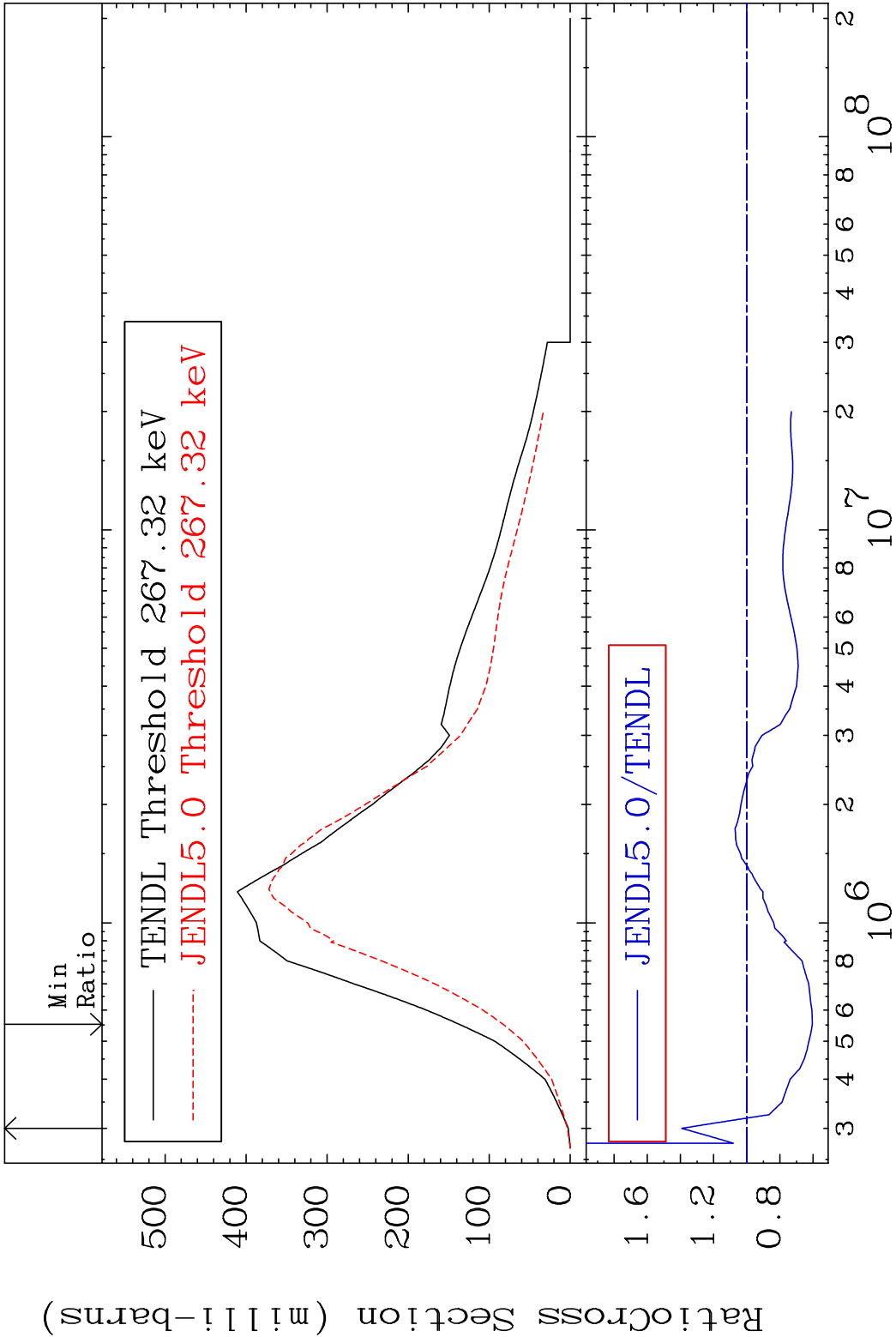




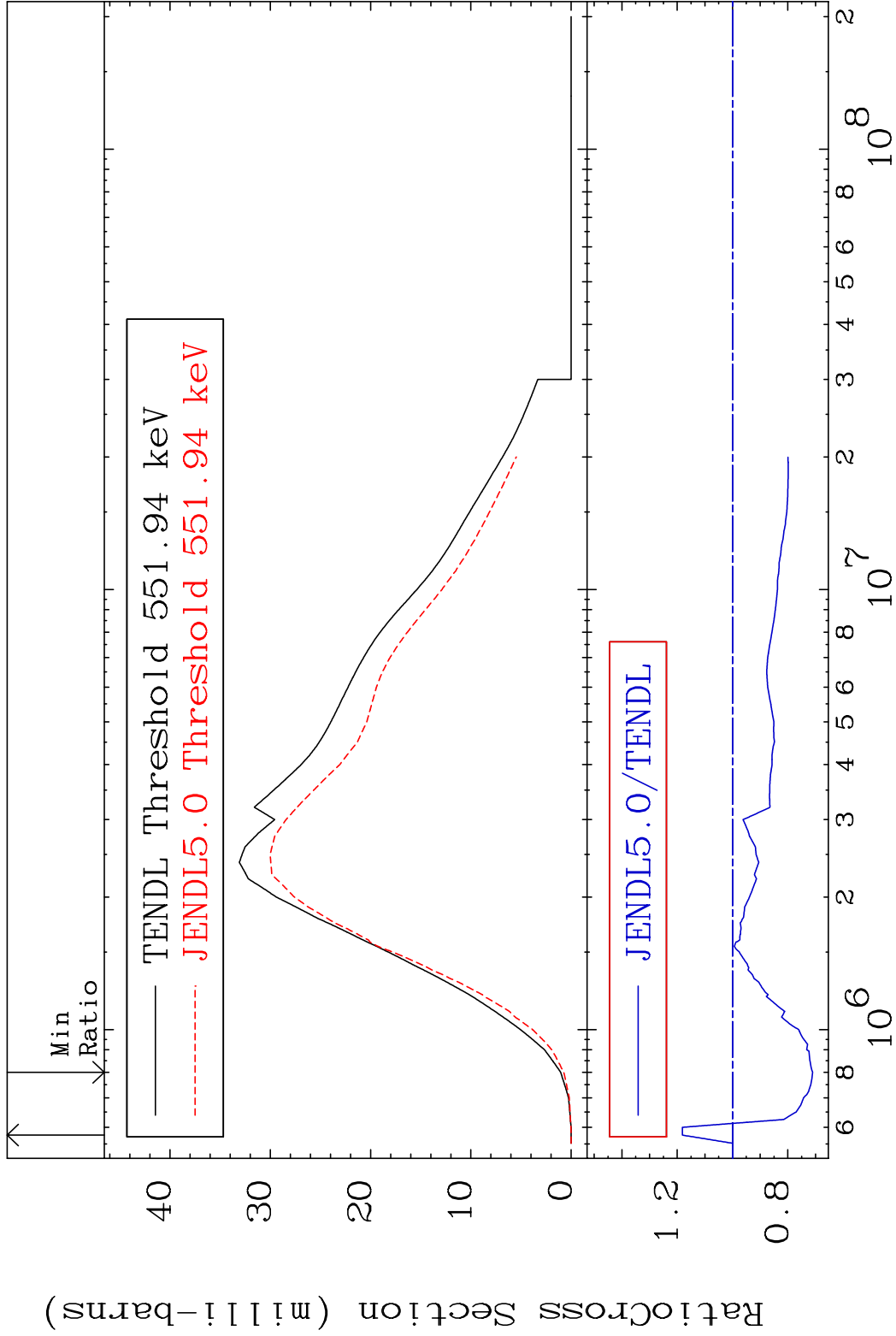
MAT 6643 MT= 51 (n,n') Level 66-Dy-162
Cross Section -15.65 To 71.91 %



10 Incident Energy (eV) 66-Dy-162

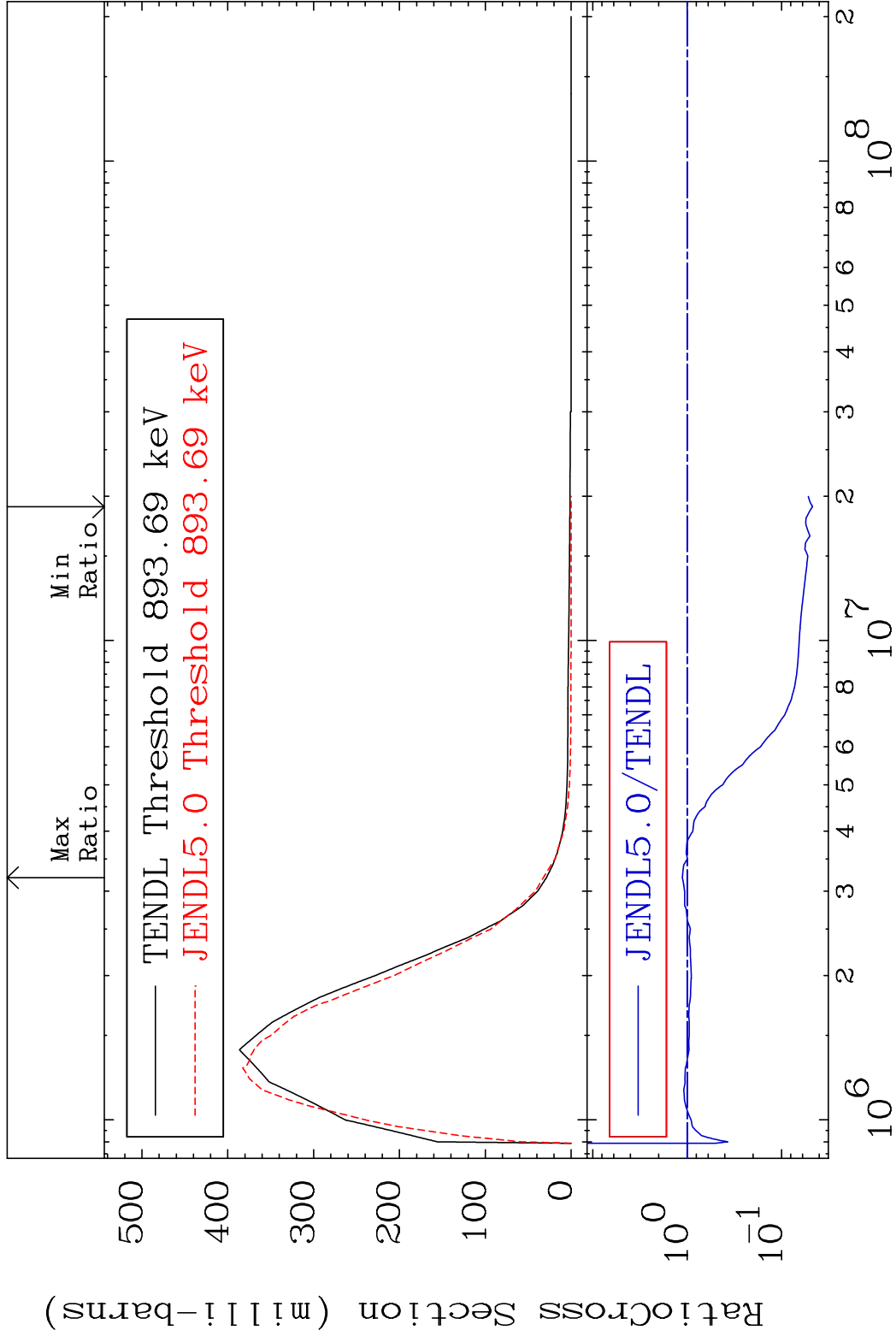


MAT 6643 MT= 53 (n,n') Level 66-Dy-162
Cross Section -28.94 To 18.14 %



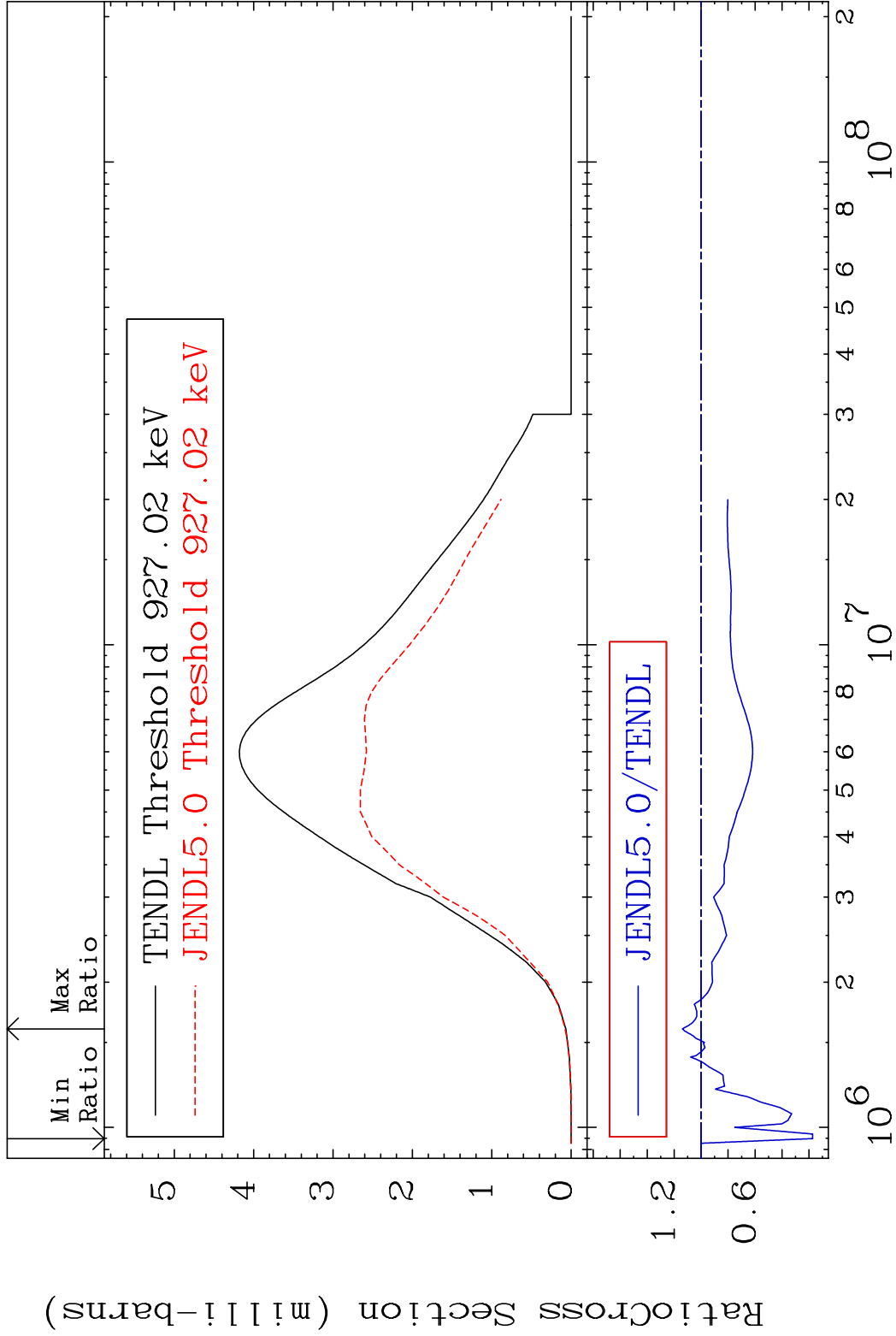
12 Incident Energy (eV) 66-Dy-162

MAT 6643 MT= 54 (n,n') Level 66-Dy-162
Cross Section -95.30 To 12.50 %

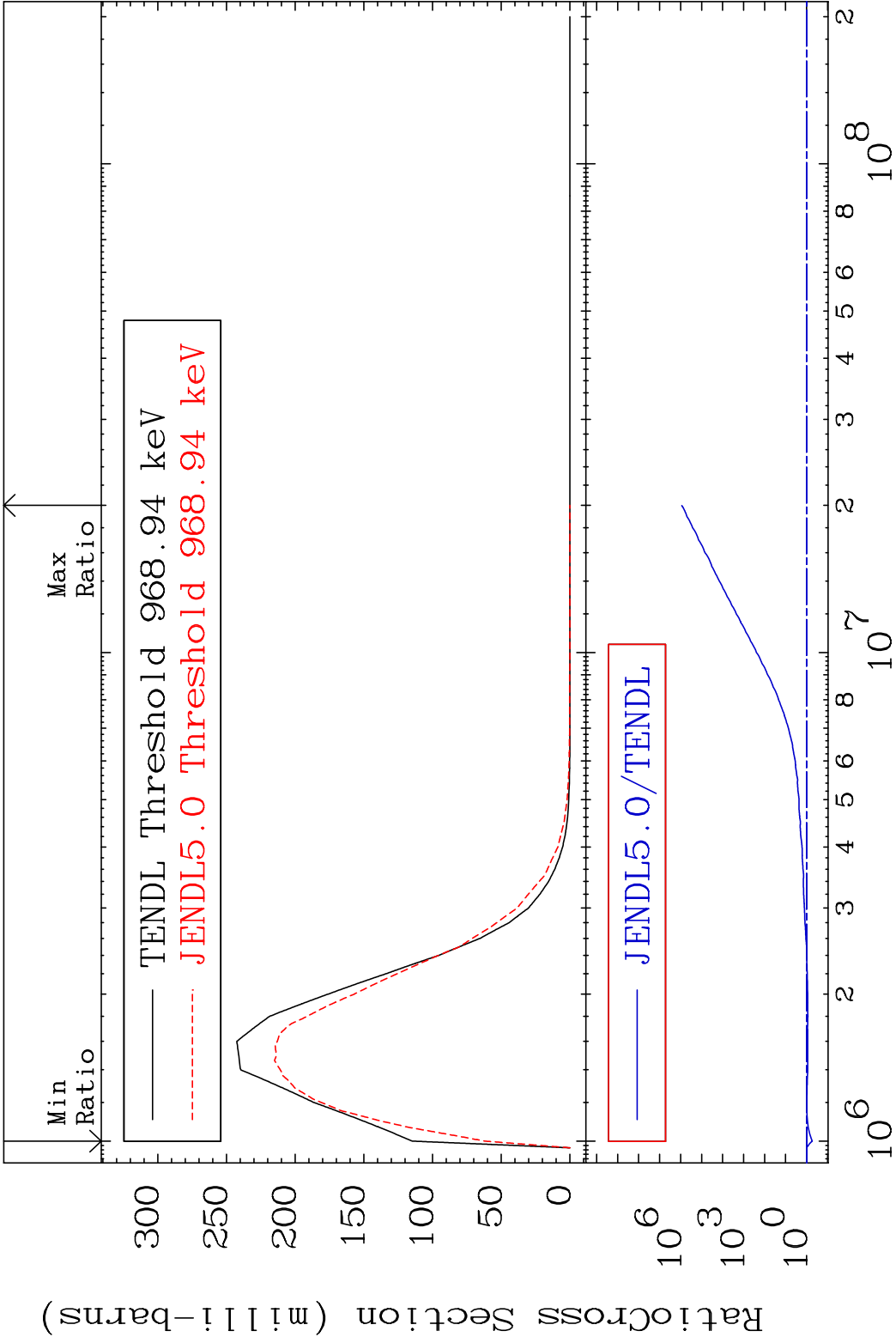


13 Incident Energy (eV) 66-Dy-162

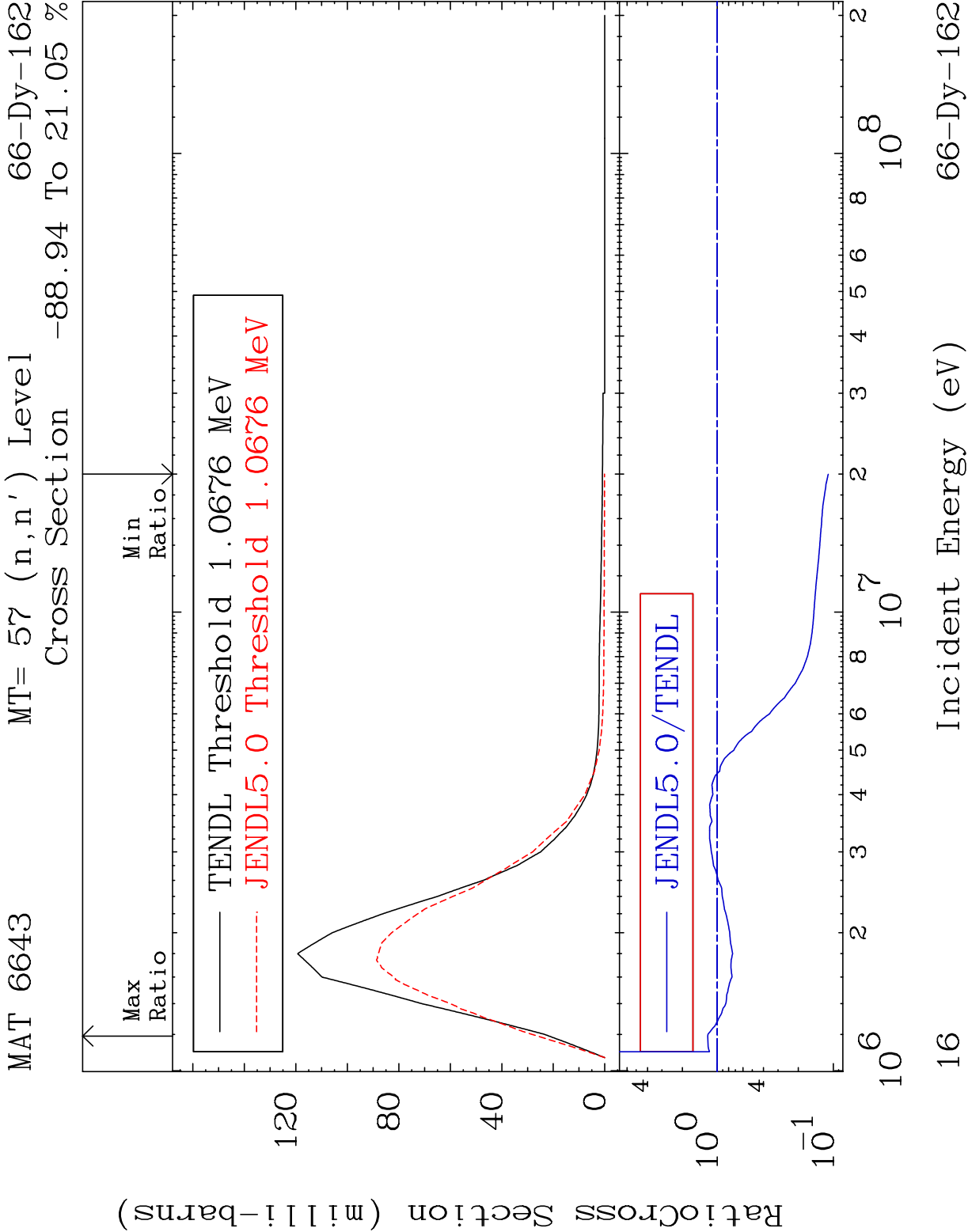
MAT 6643 MT= 55 (n,n') Level 66-Dy-162
Cross Section -82.63 To 13.91 %



MAT 6643 MT= 56 (n,n') Level 66-Dy-162
Cross Section -46.01 To 9999. %



15 Incident Energy (eV) 66-Dy-162



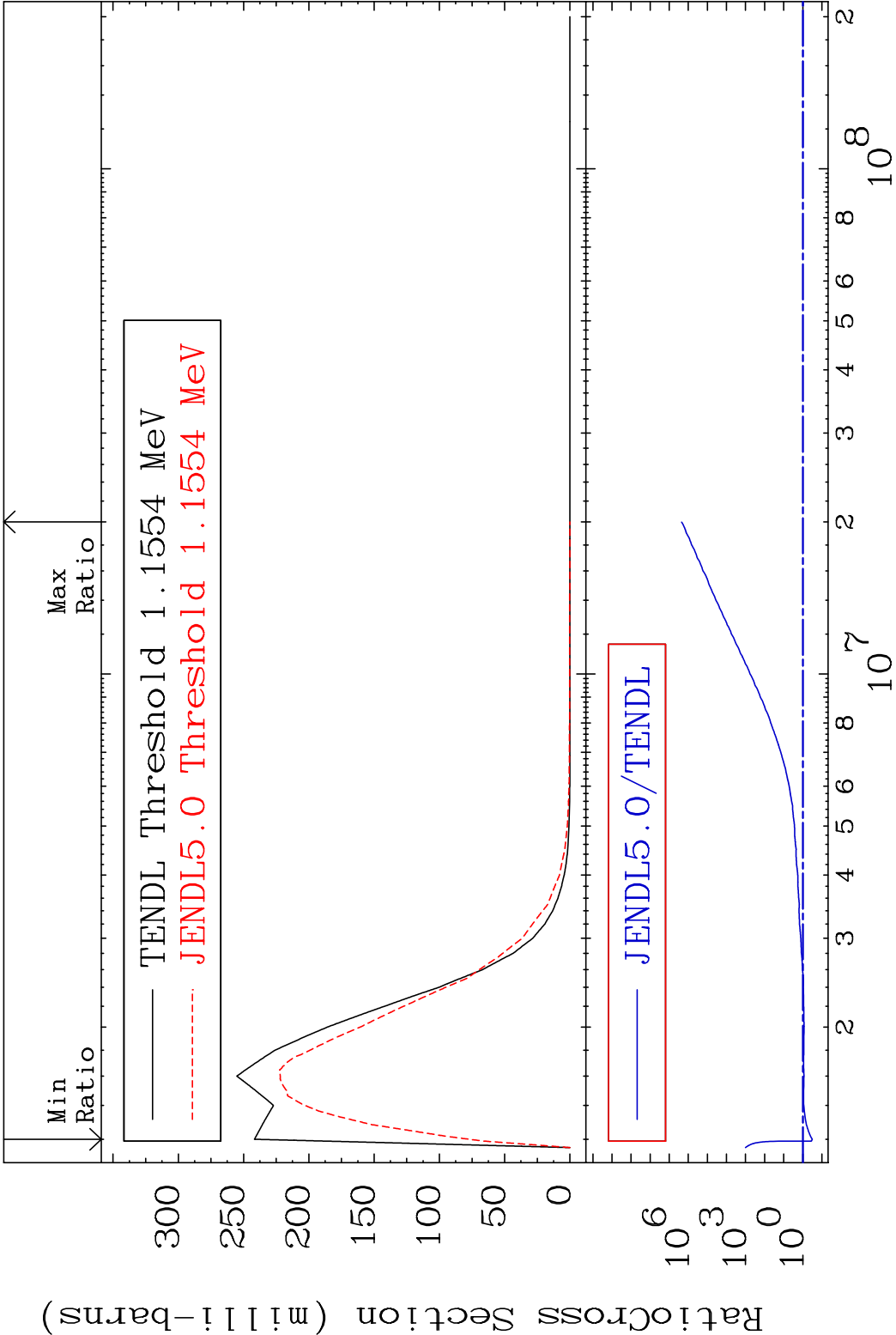
MAT 6643

MT= 58 (n,n') Level

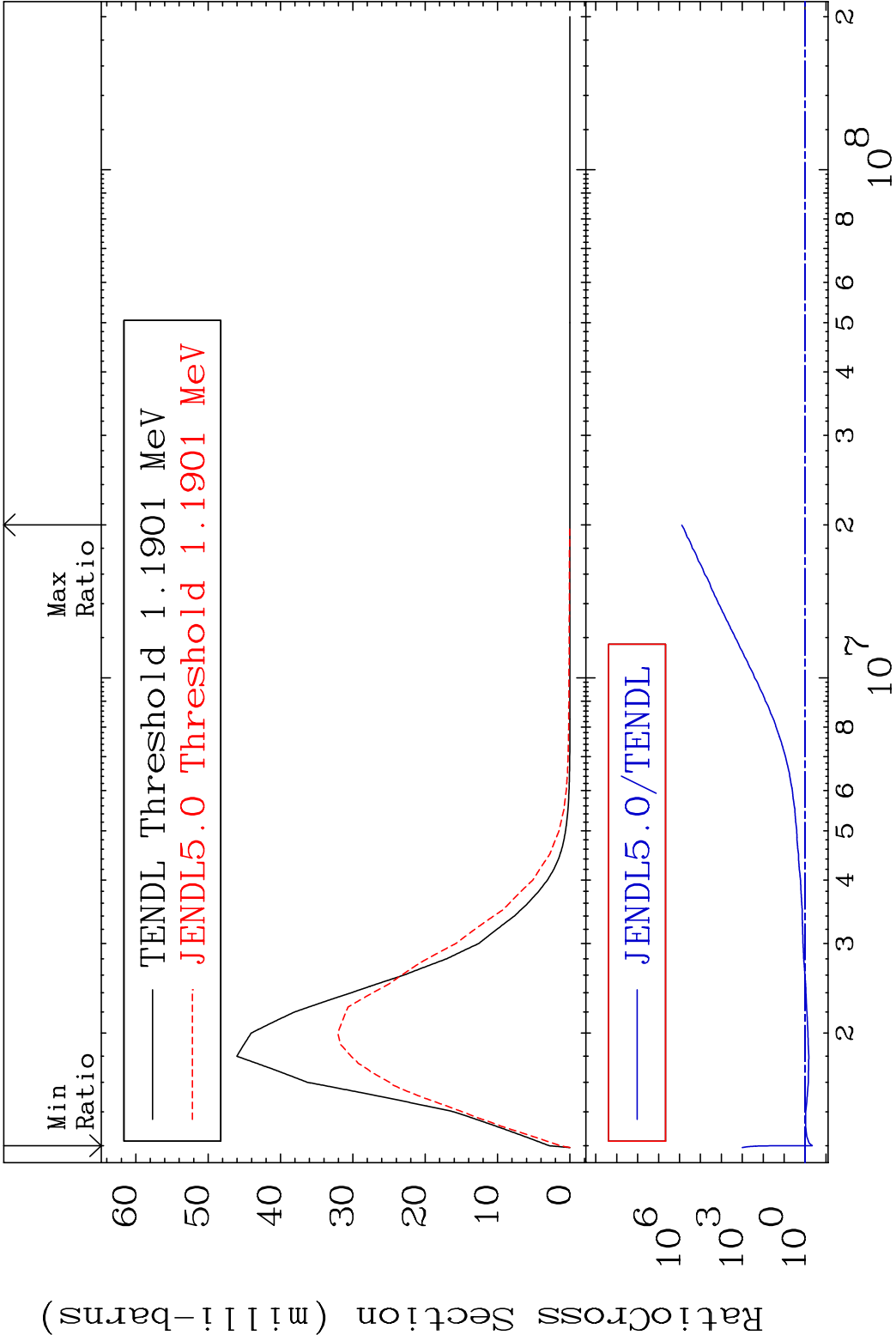
66-Dy-162

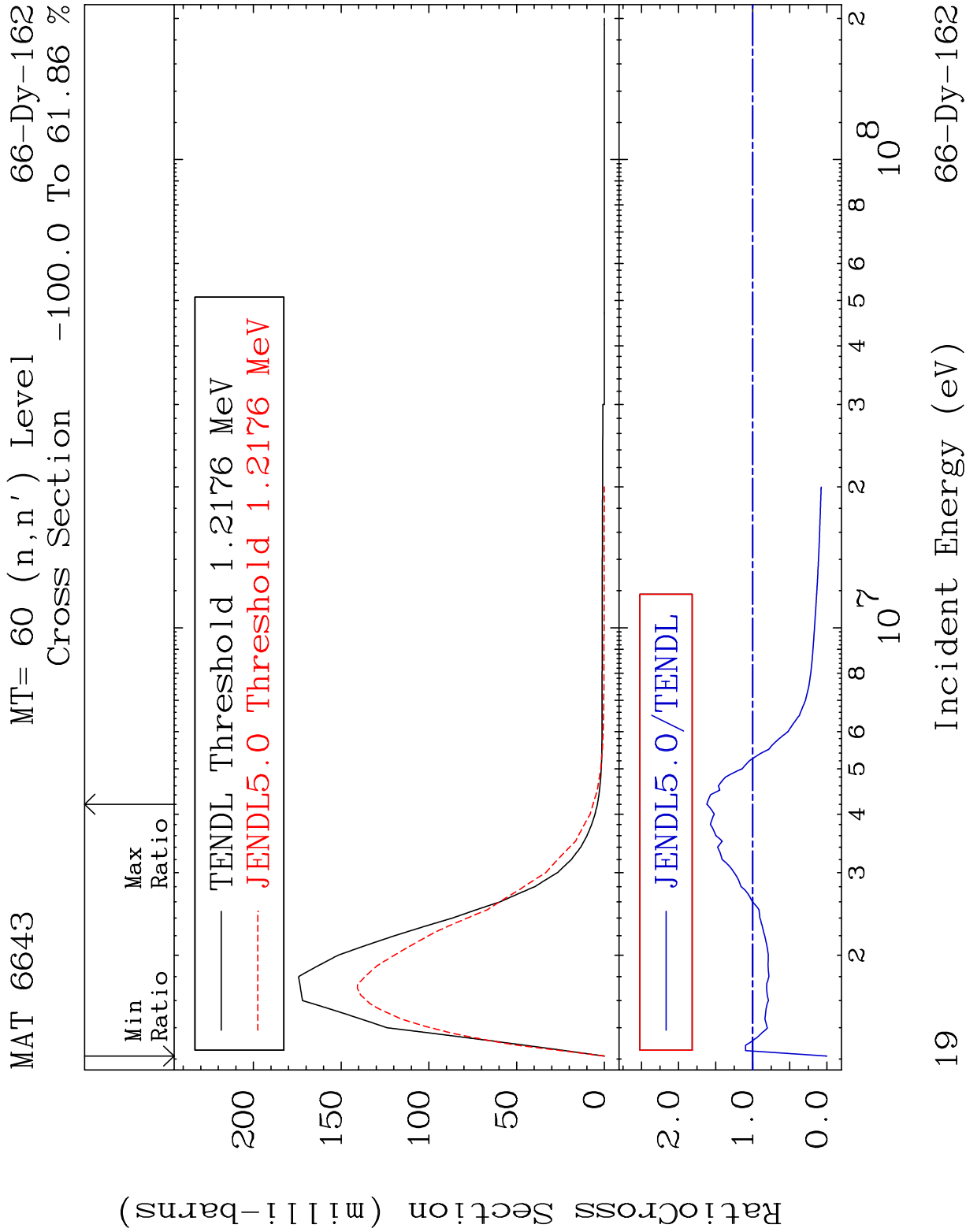
Cross Section

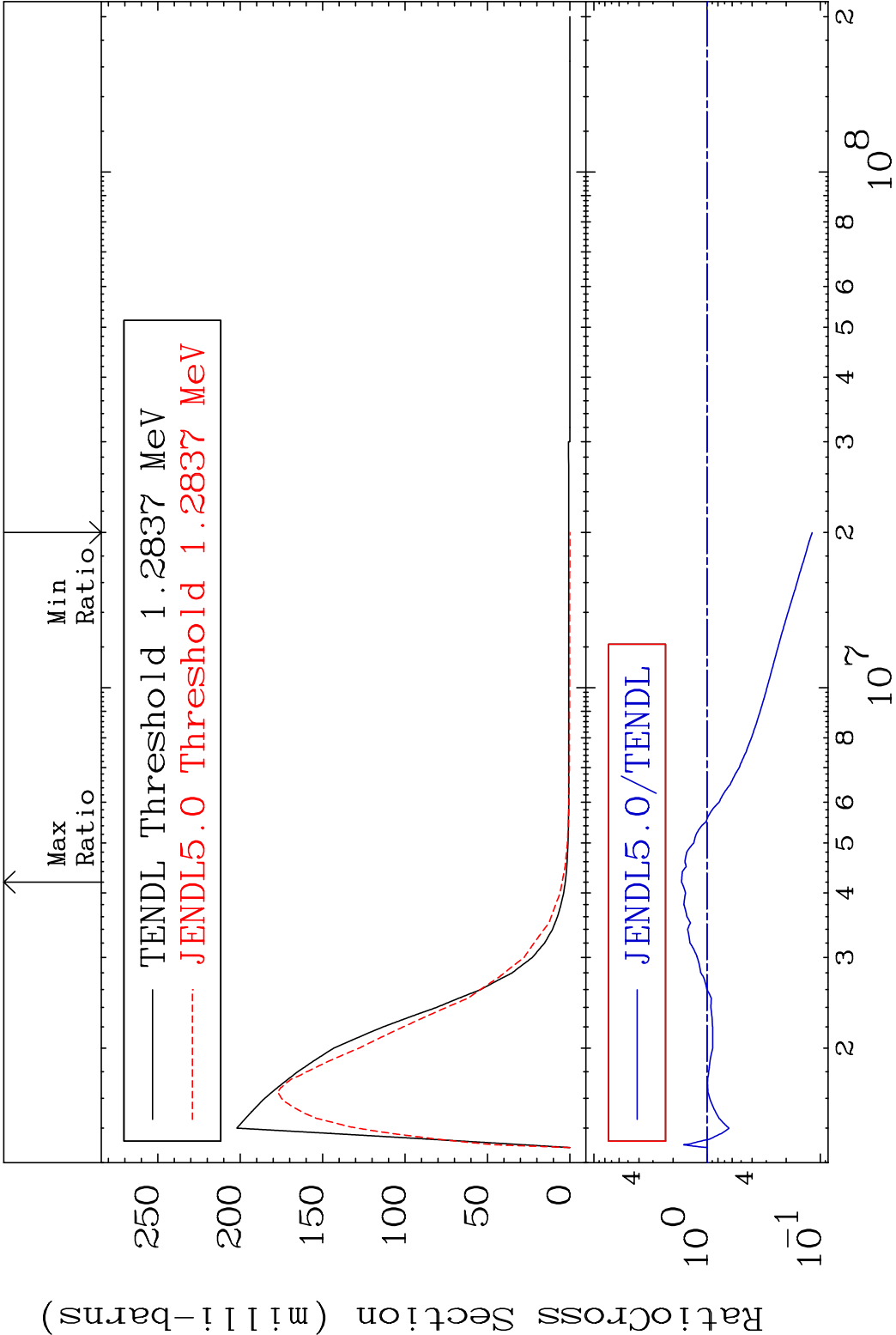
-68.00 To 9999. %



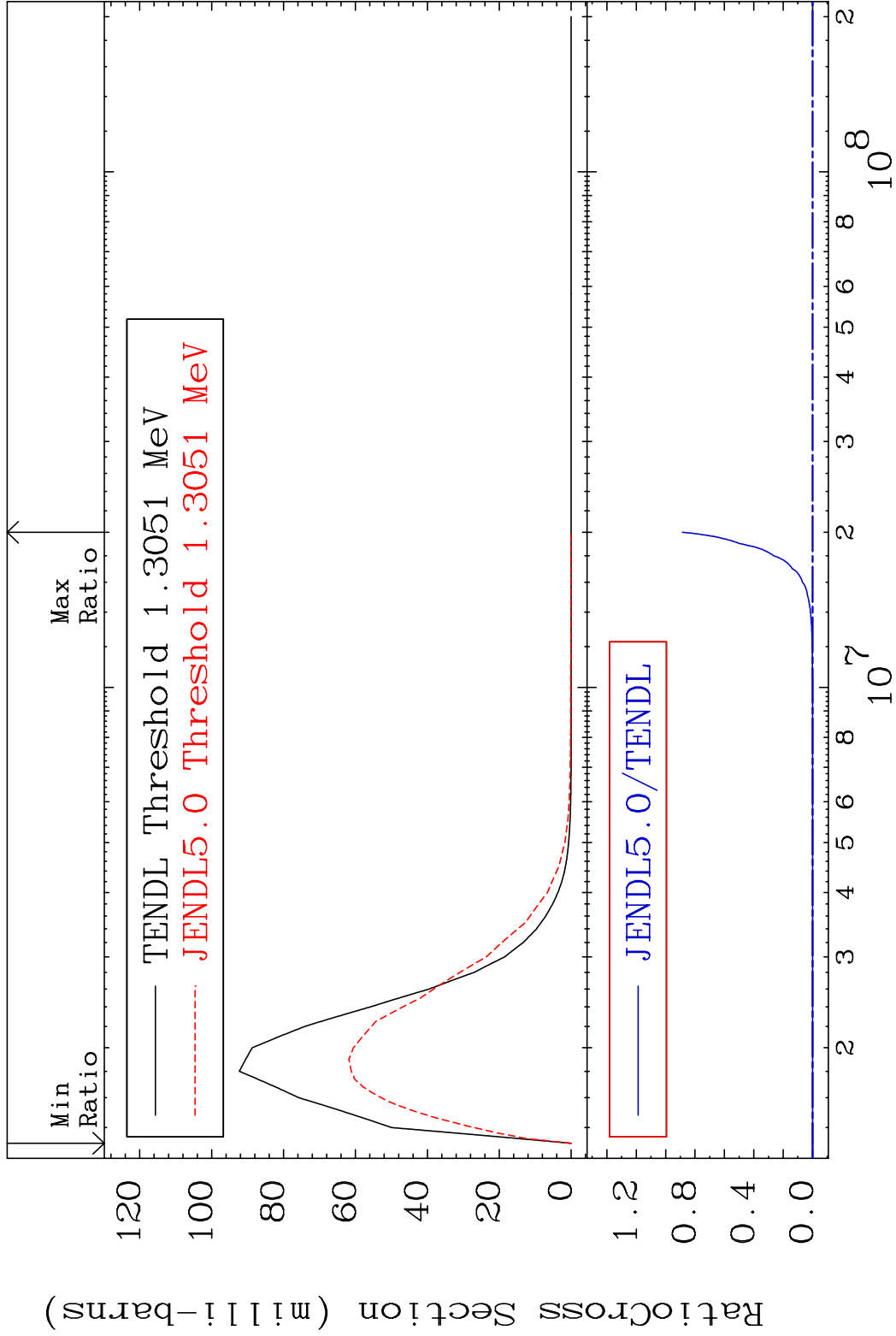
MAT 6643	MT= 59 (n,n')	Level	66-Dy-162
	Cross Section	-54.73 To 9999. %	







MAT 6643 MT= 62 (n,n') Level 66-Dy-162
Cross Section -100.0 To 9999. %



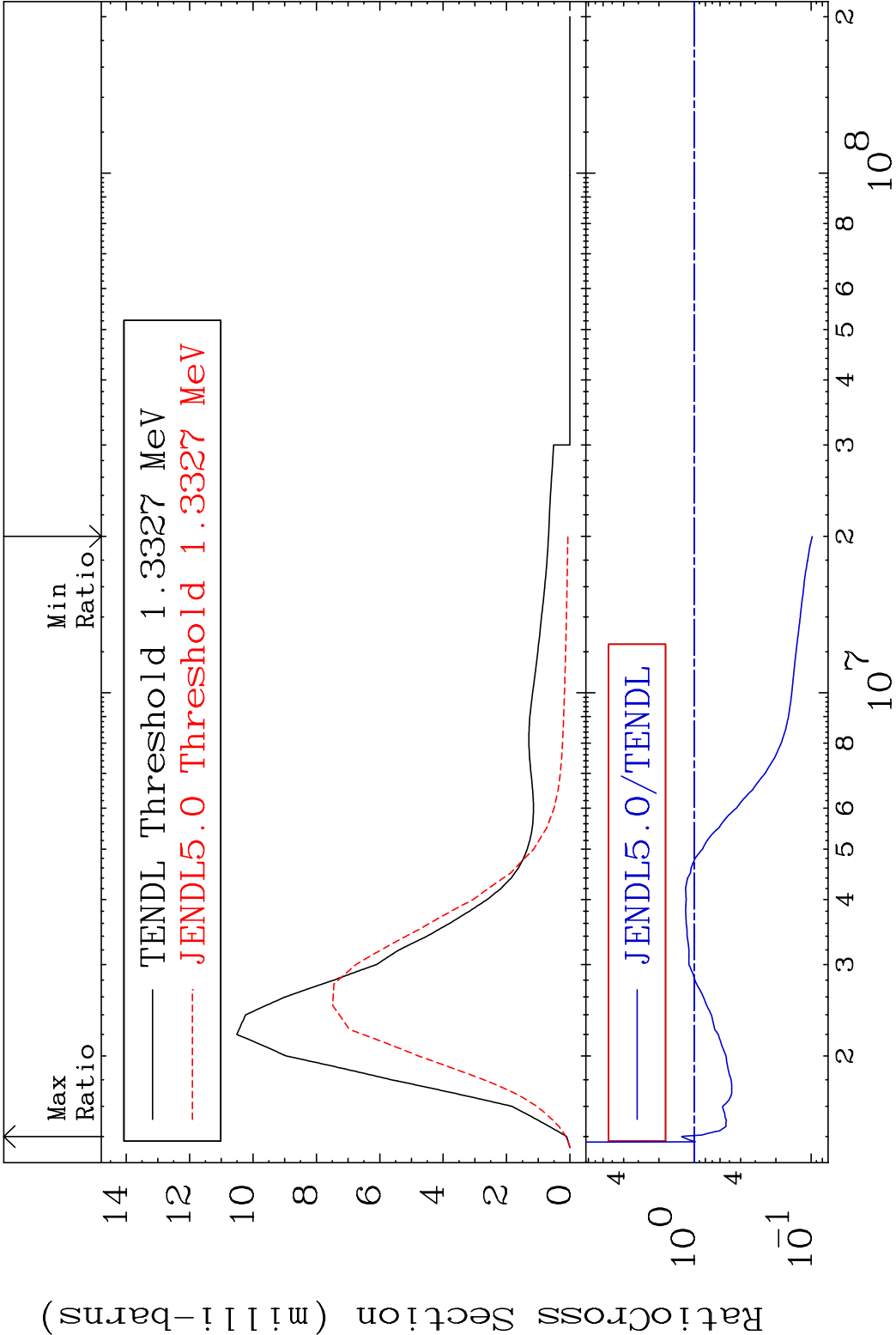
MAT 6643

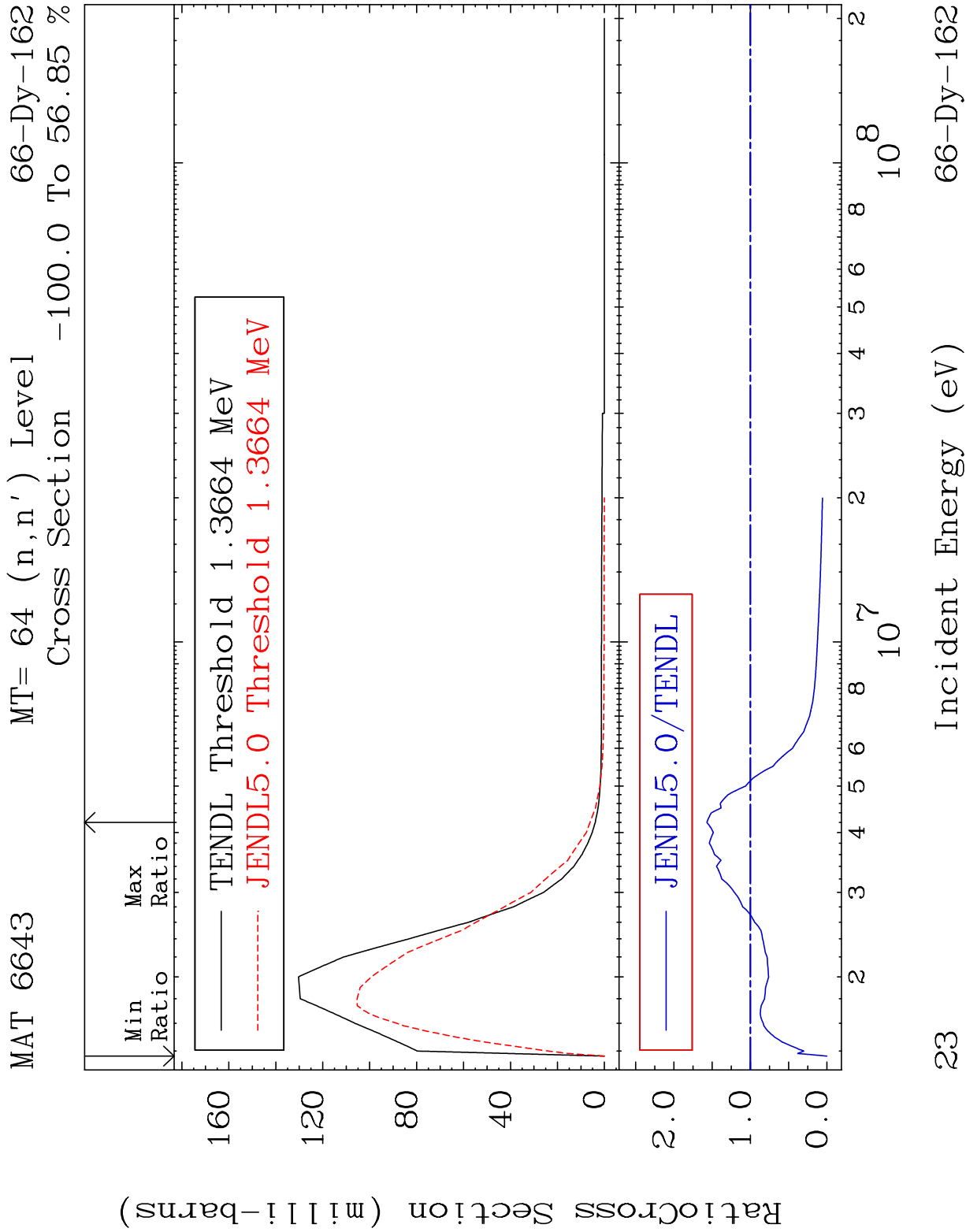
MT= 63 (n,n') Level

66-Dy-162

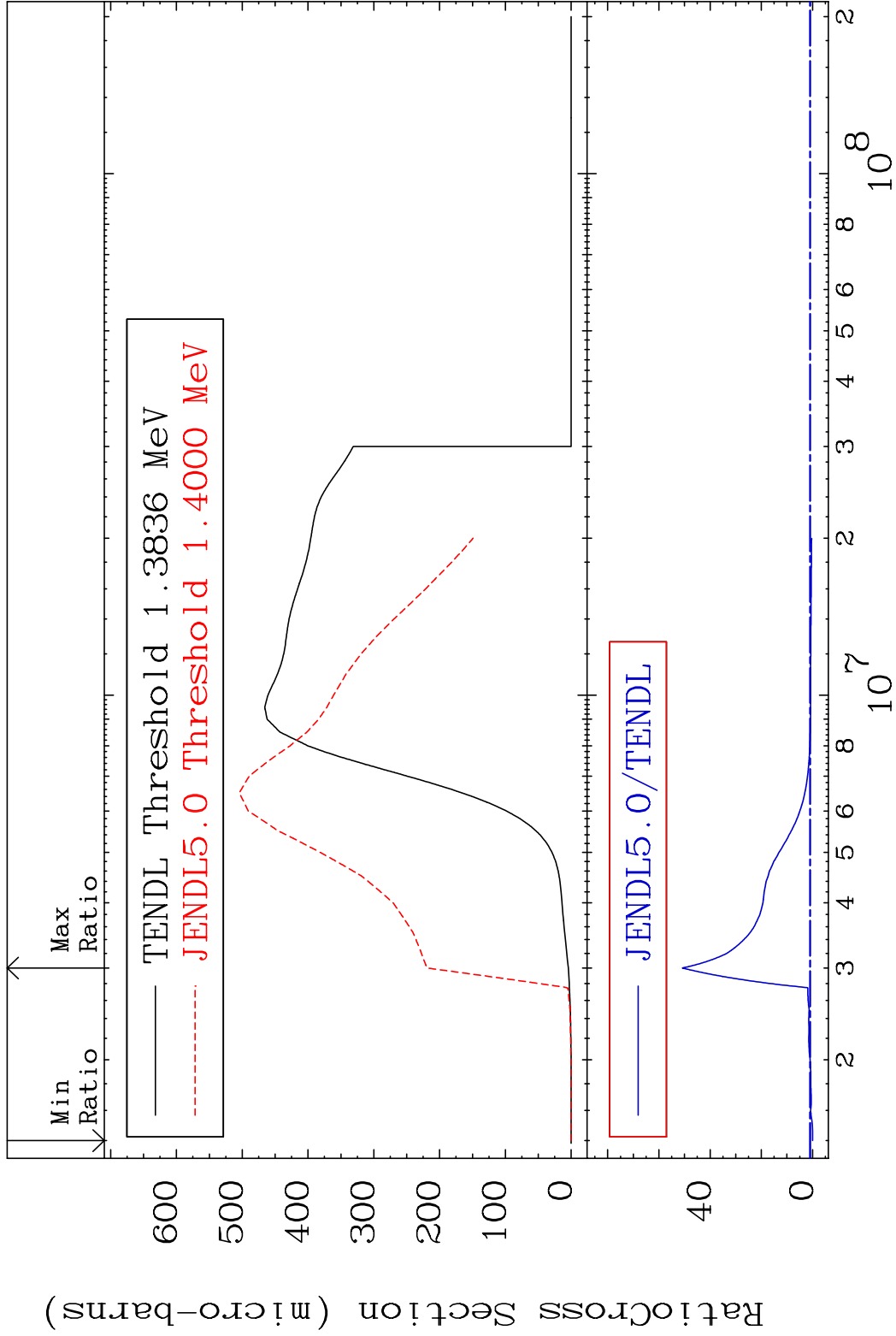
Cross Section

-90.22 To 28.00 %





MAT 6643 MT= 65 (n,n') Level 66-Dy-162
Cross Section -100.0 To 4984. %



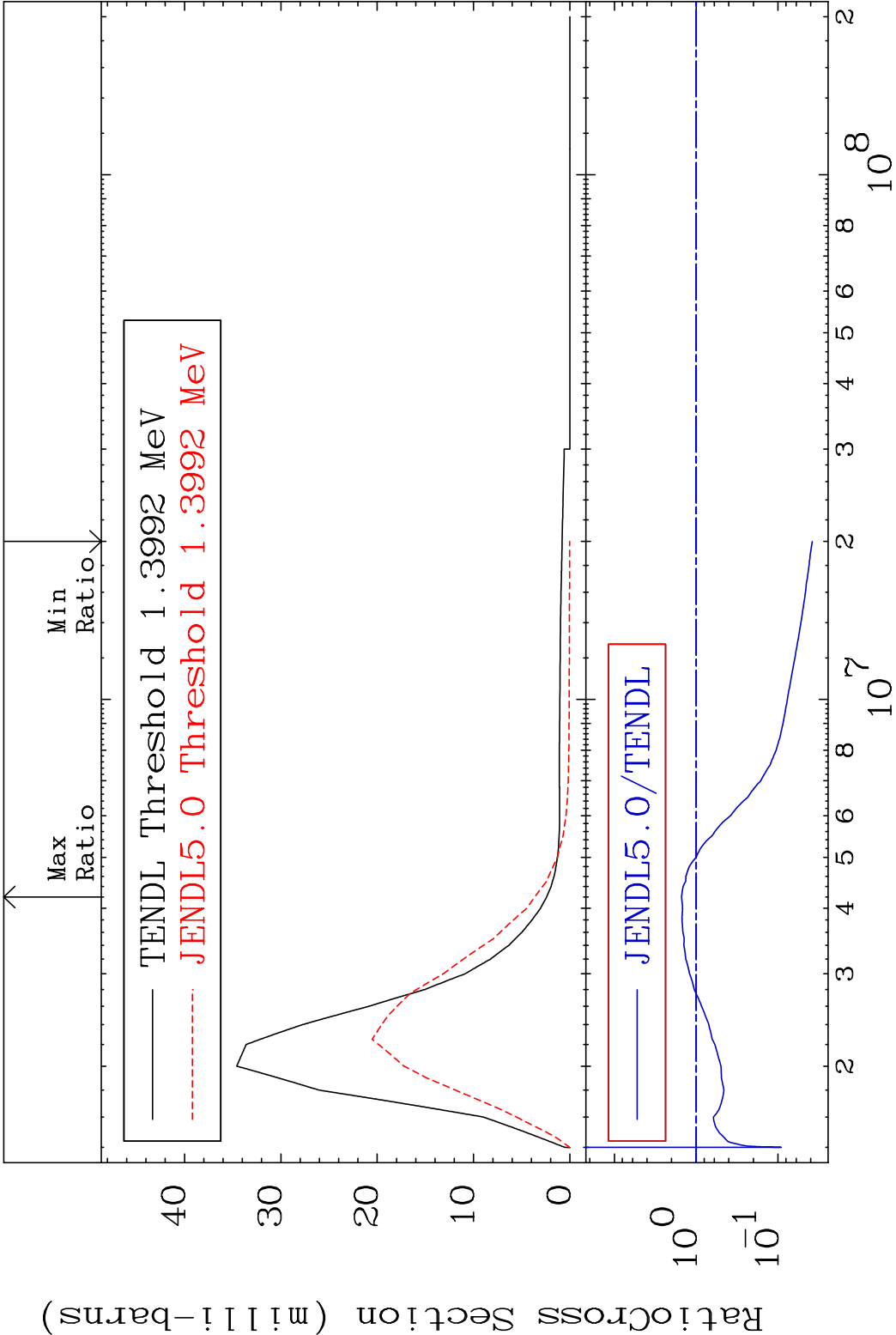
MAT 6643

MT= 66 (n,n') Level

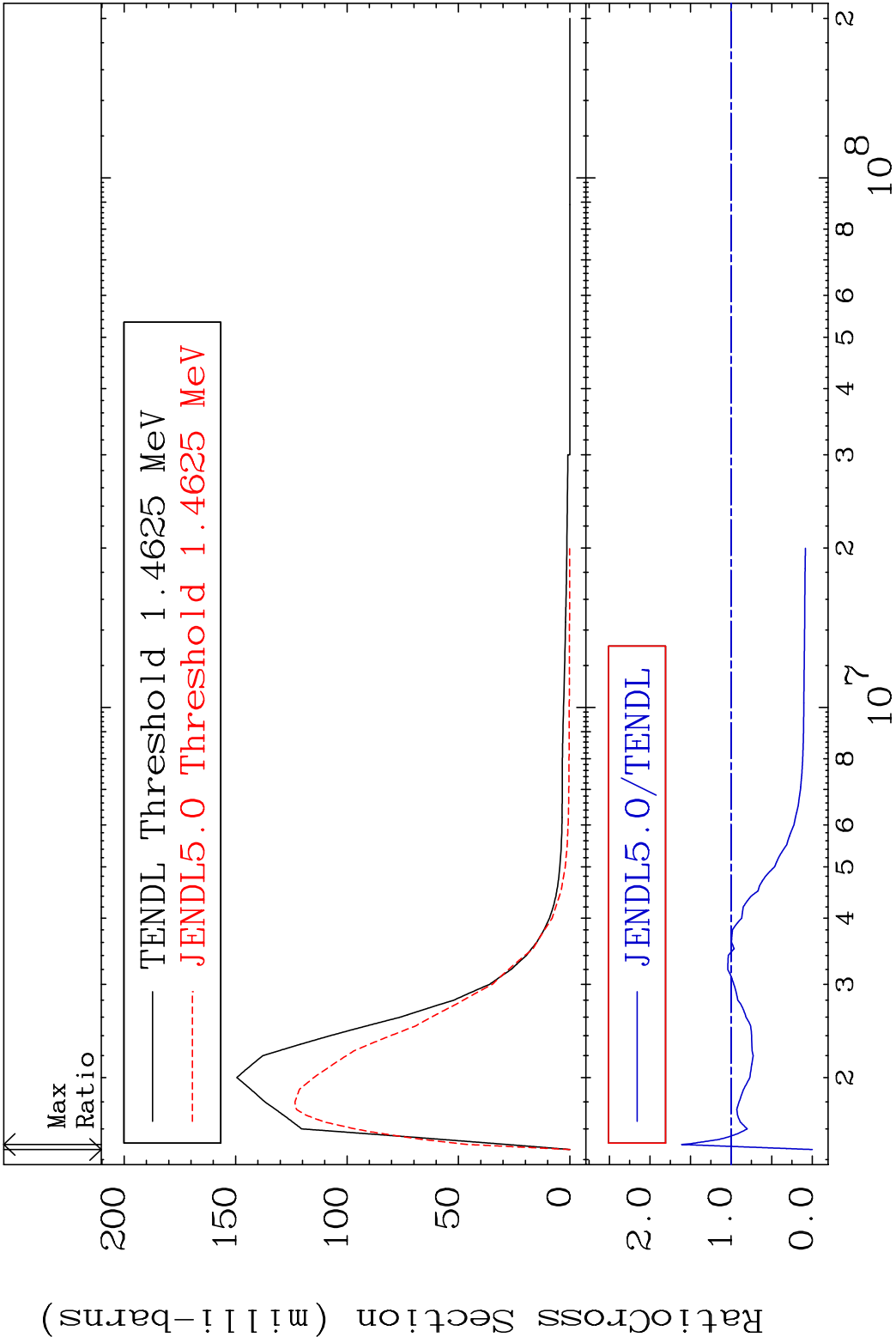
66-Dy-162

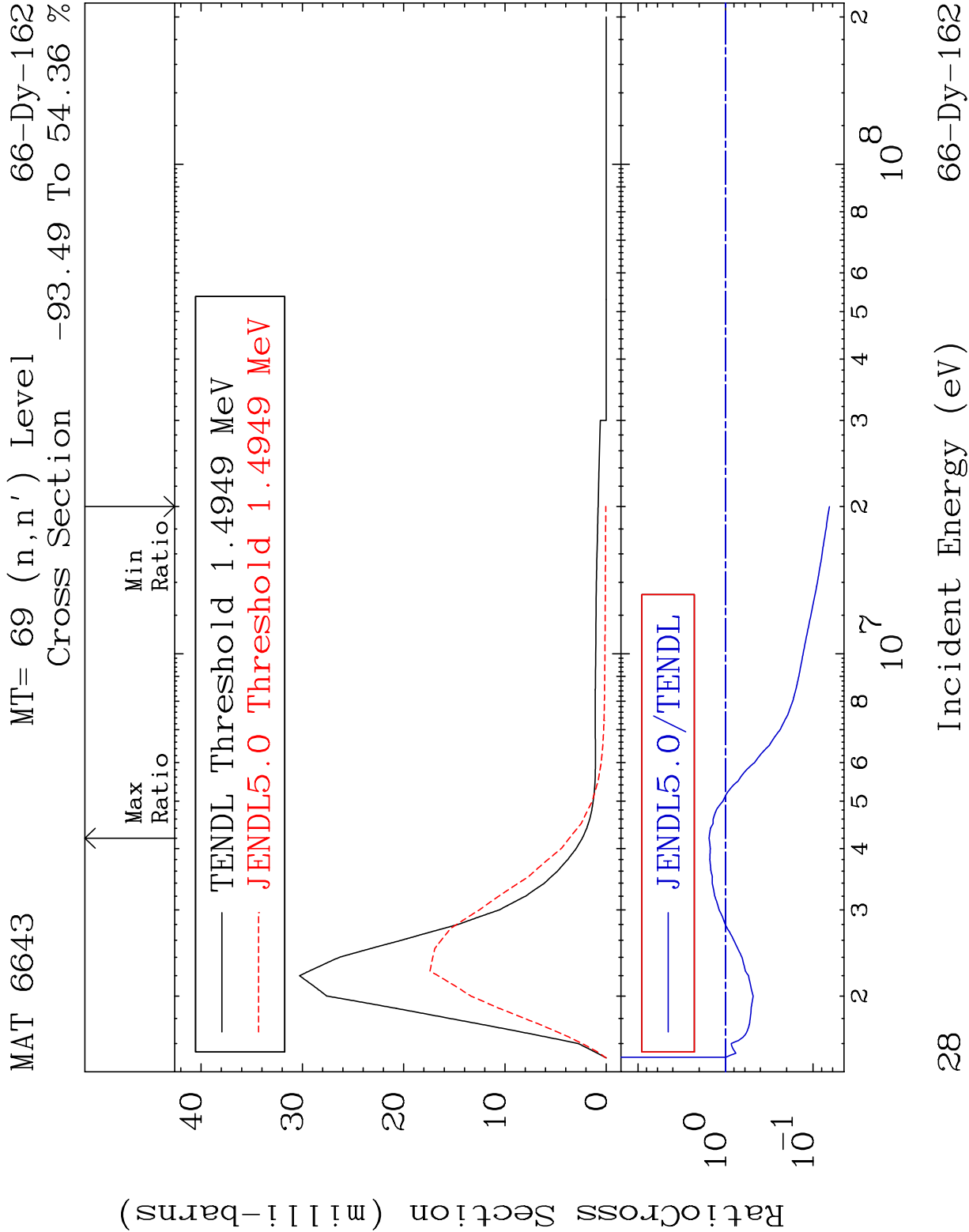
Cross Section

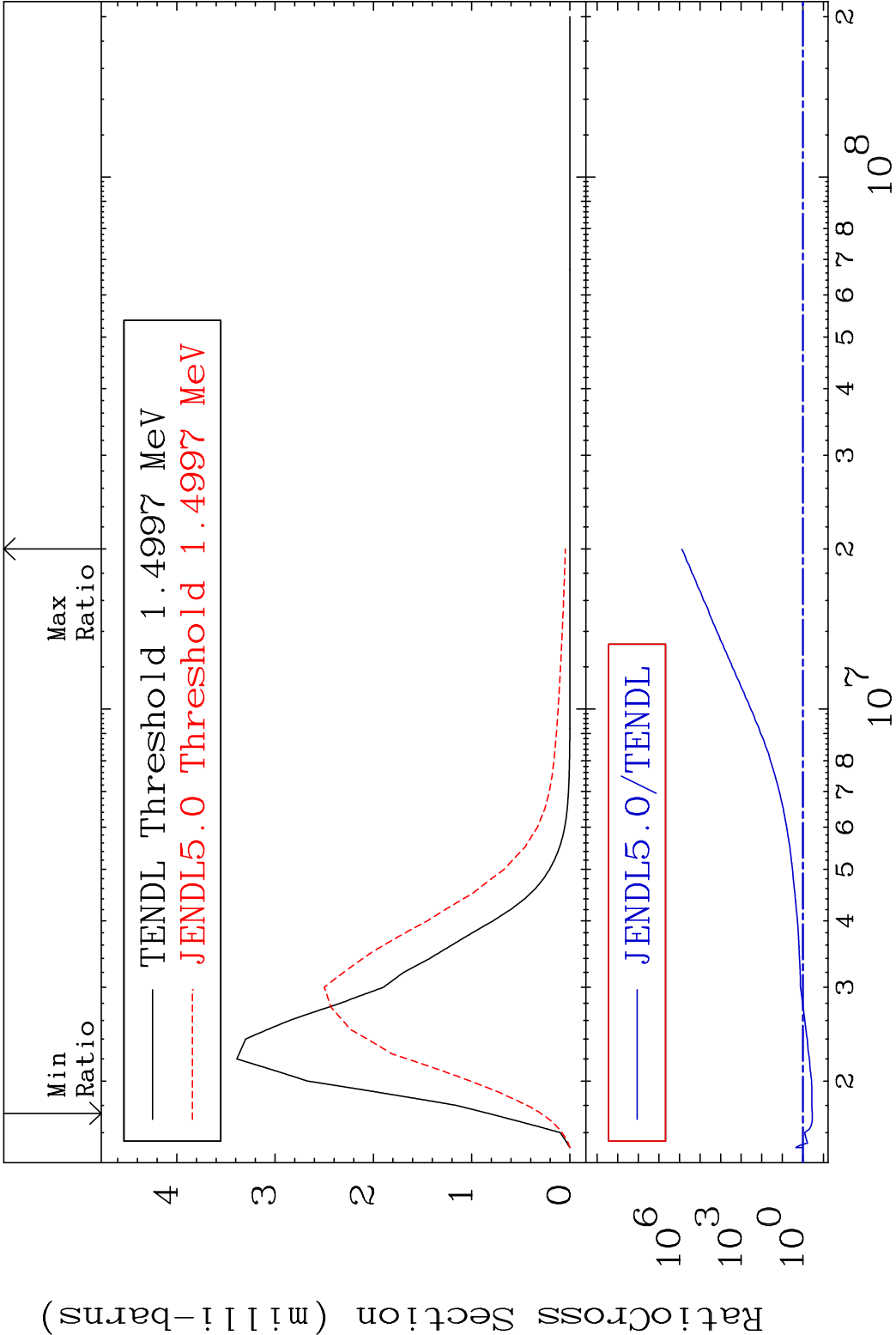
-96.18 To 51.16 %



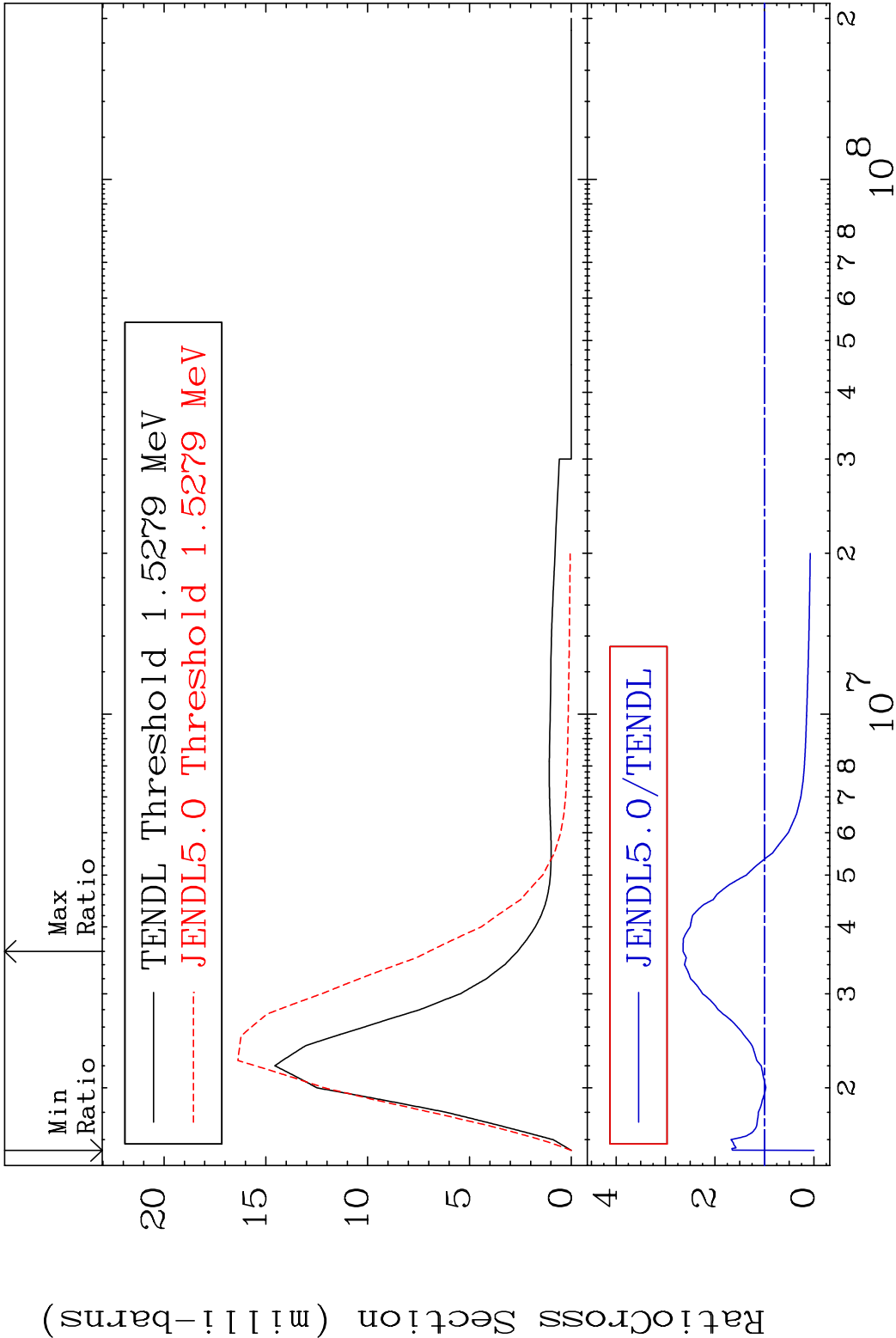
MAT 6643 MT= 68 (n,n') Level 66-Dy-162
 Cross Section -100.0 To 61.12 %





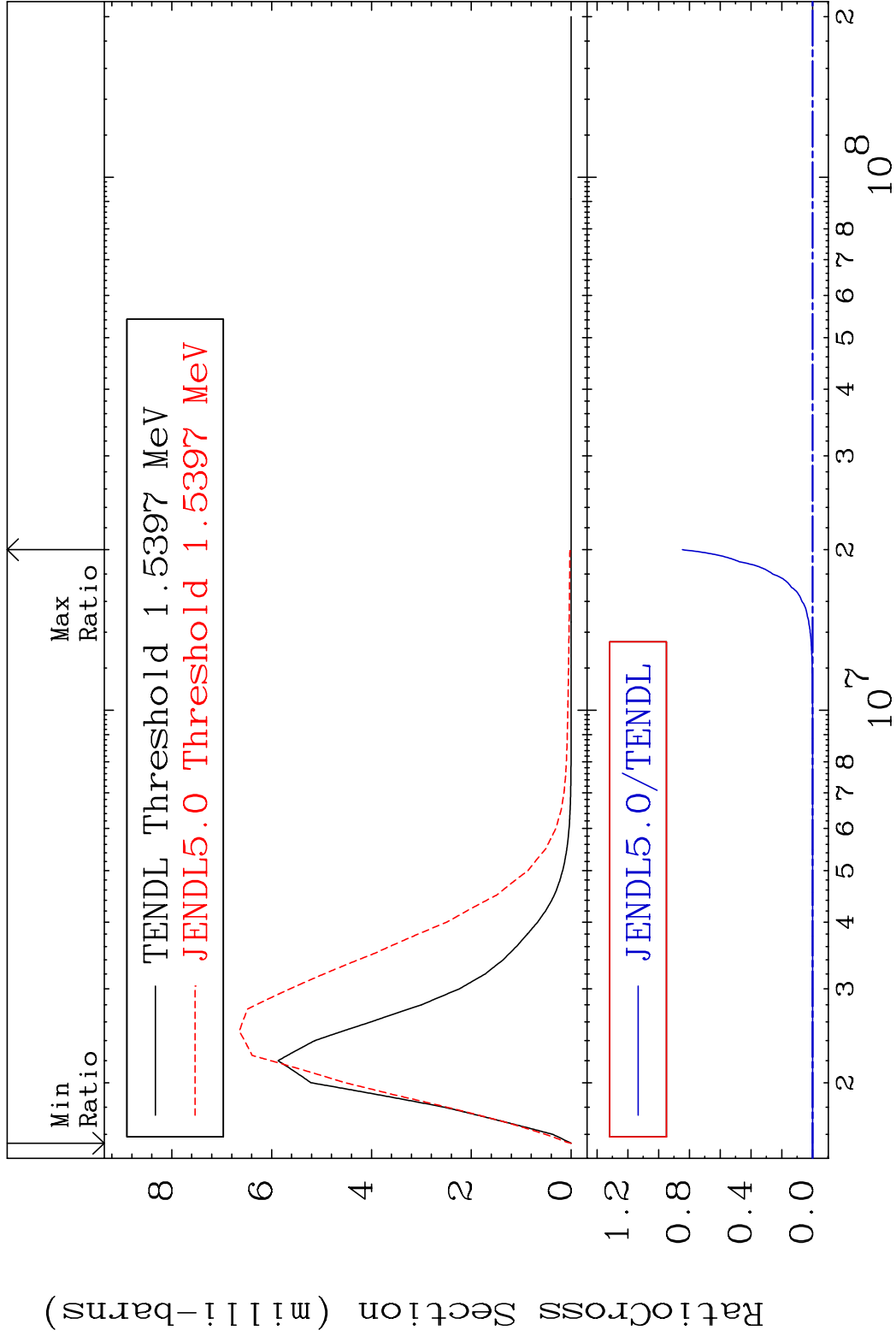


MAT 6643 MT= 71 (n,n') Level 66-Dy-162
Cross Section -100.0 To 164.6 %

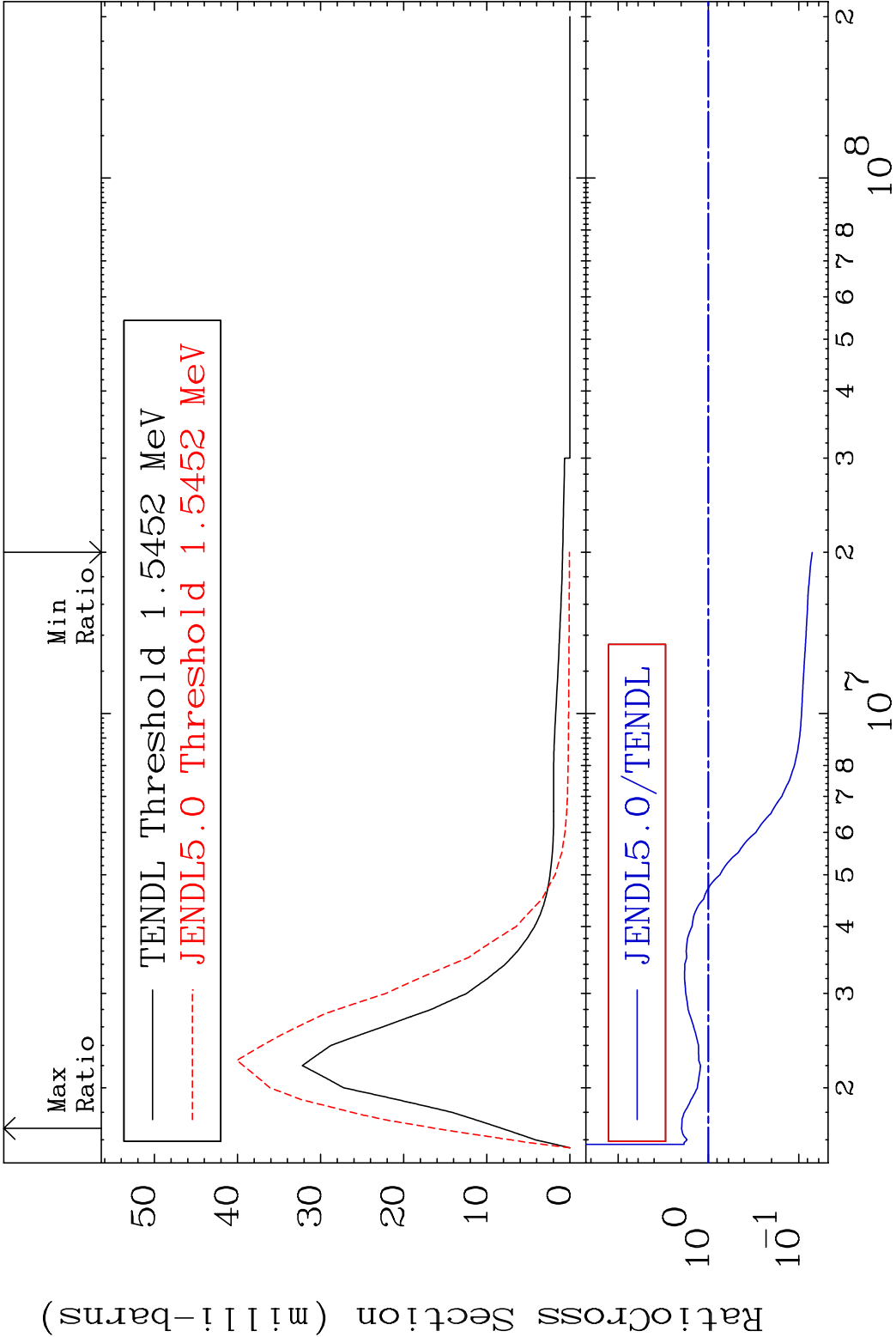


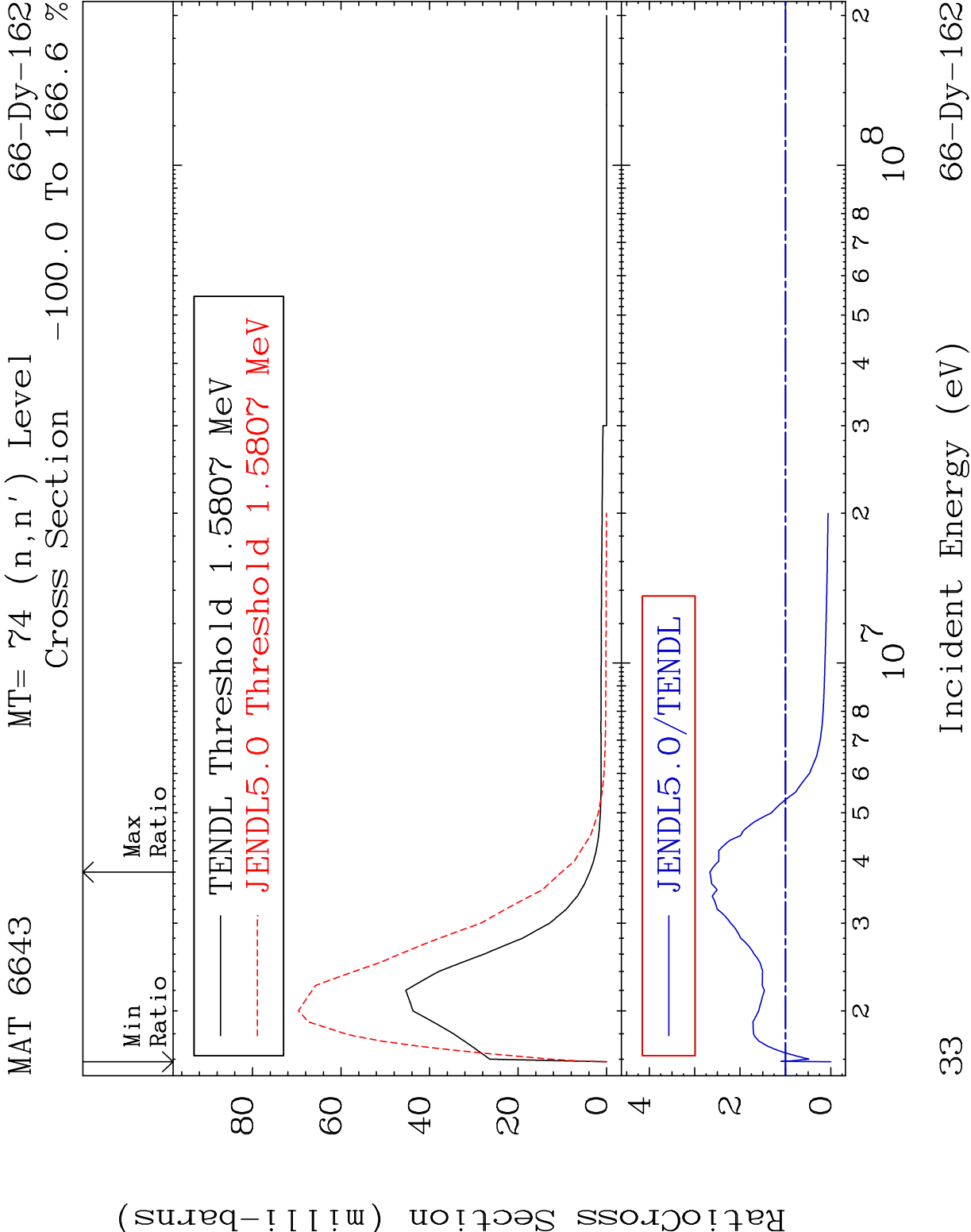
30 Incident Energy (eV) 66-Dy-162

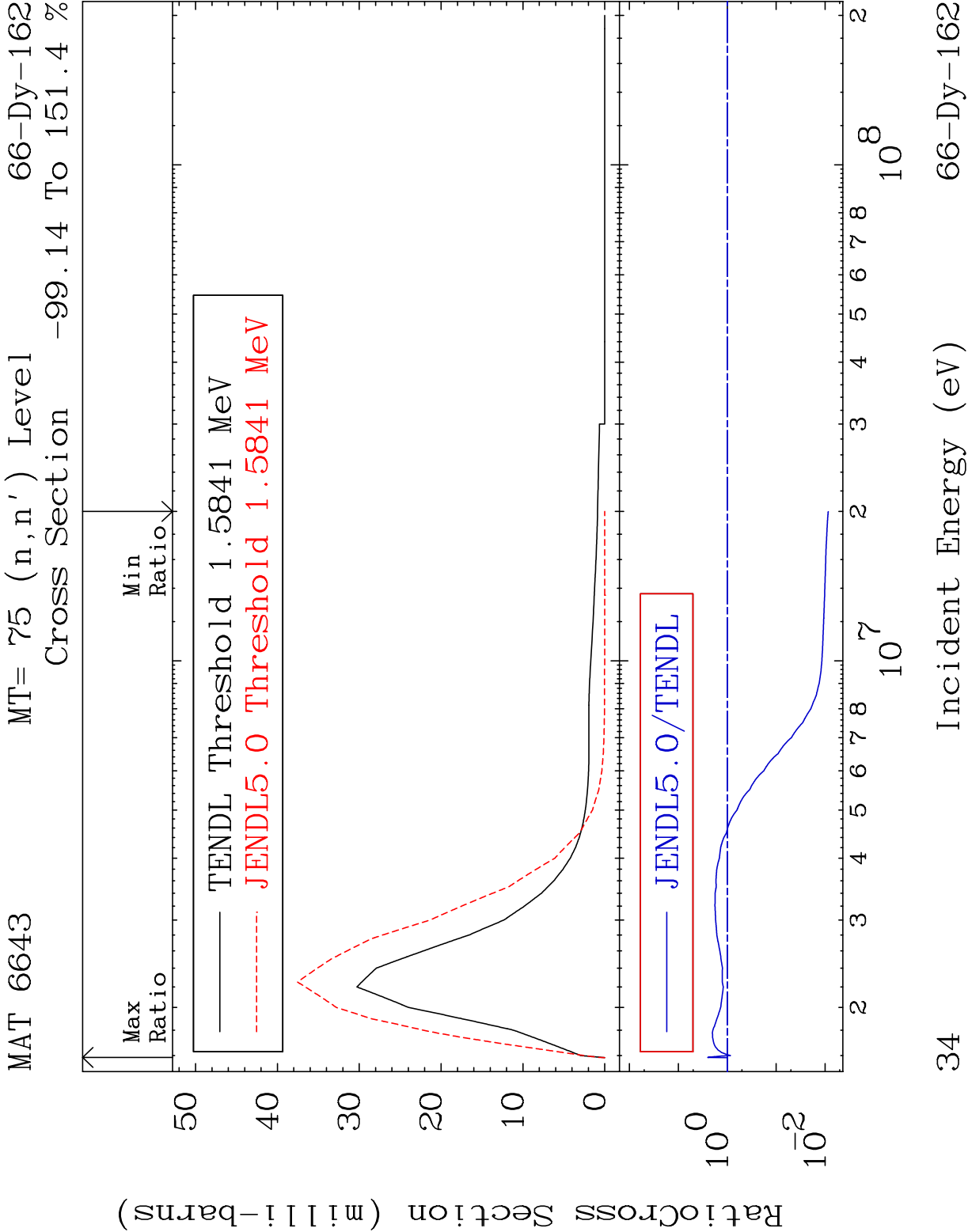
MAT 6643	MT= 72 (n,n')	Level	66-Dy-162
	Cross Section	-100.0 To 9999. %	

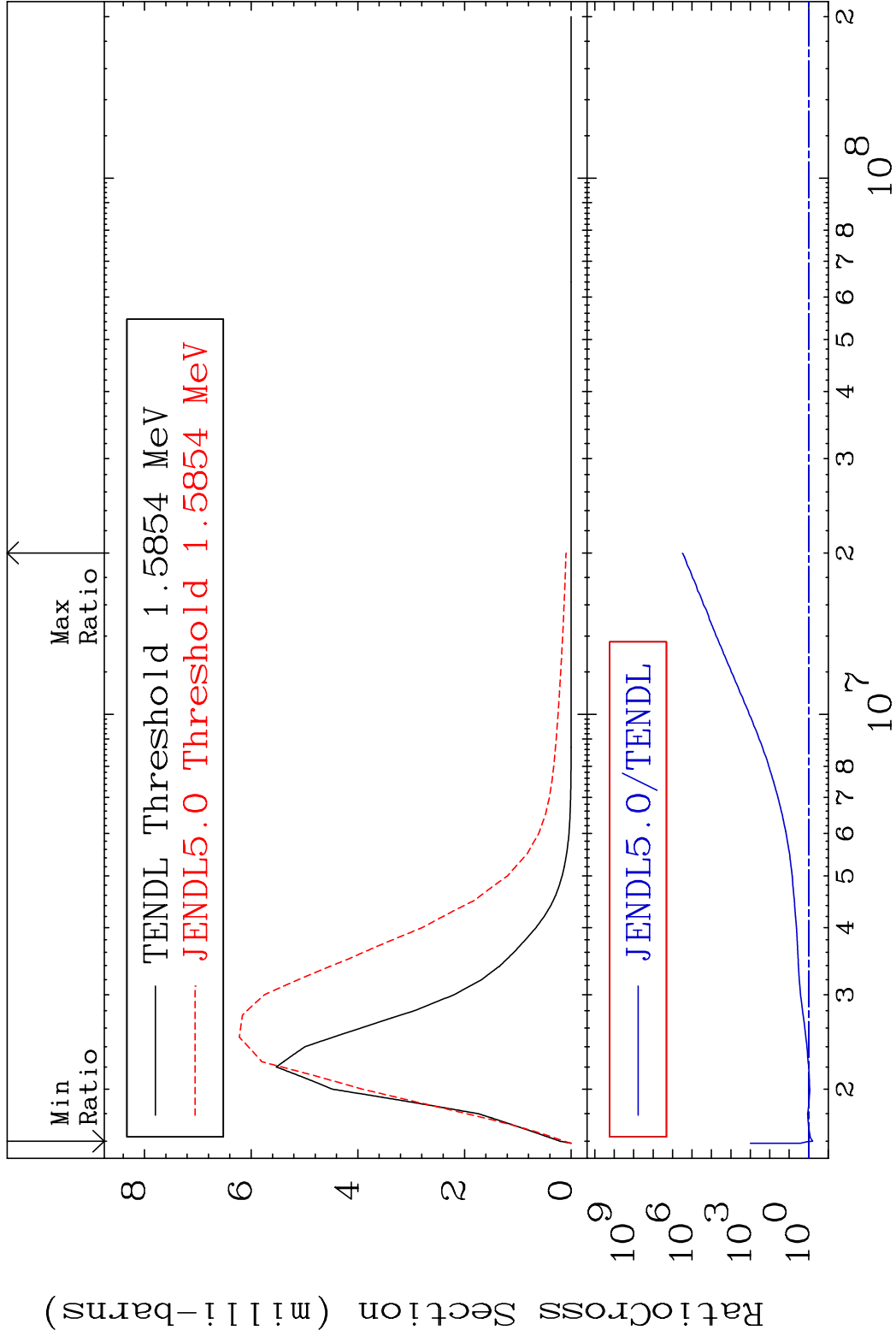


MAT 6643 MT= 73 (n,n') Level 66-Dy-162
Cross Section -92.92 To 98.23 %

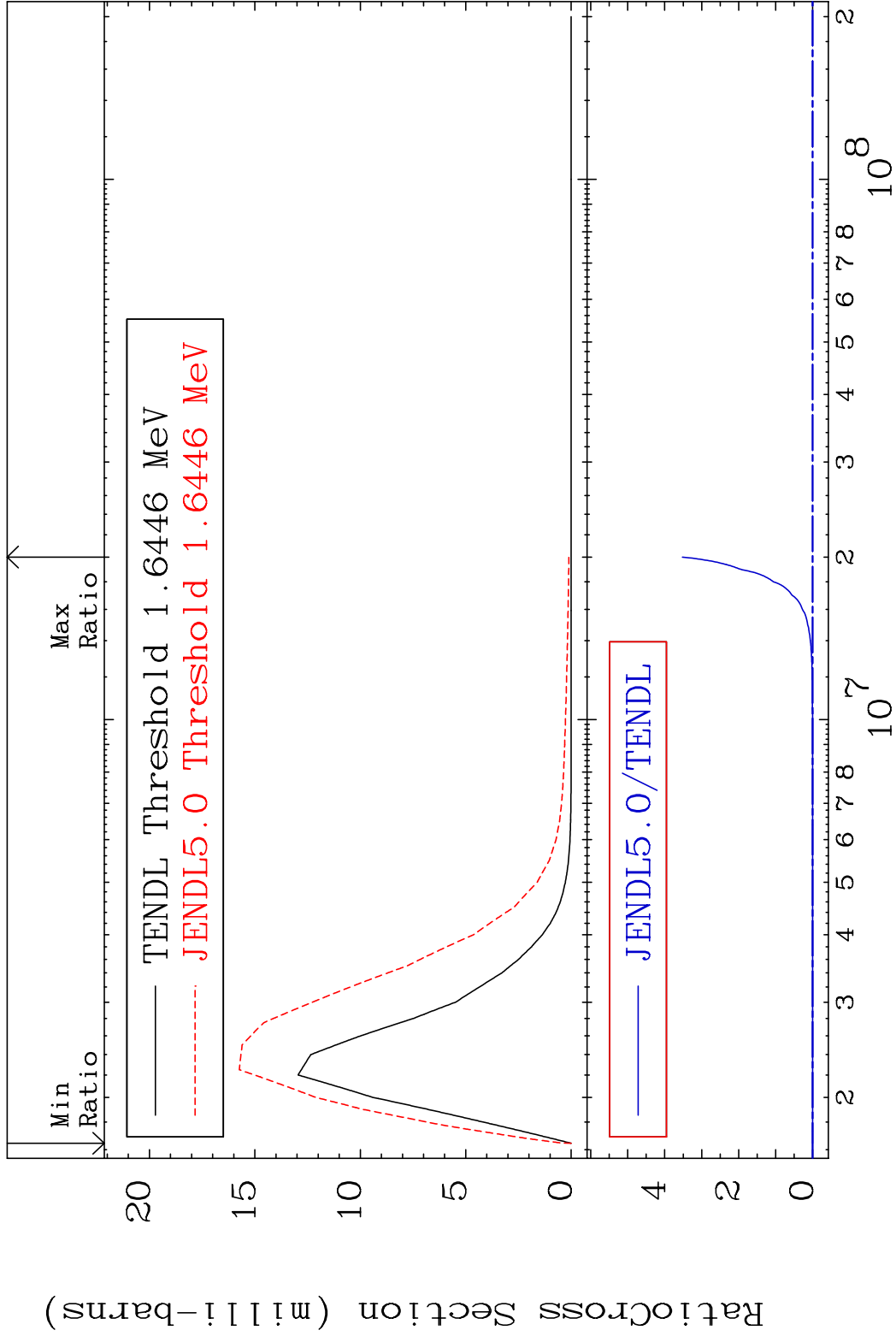




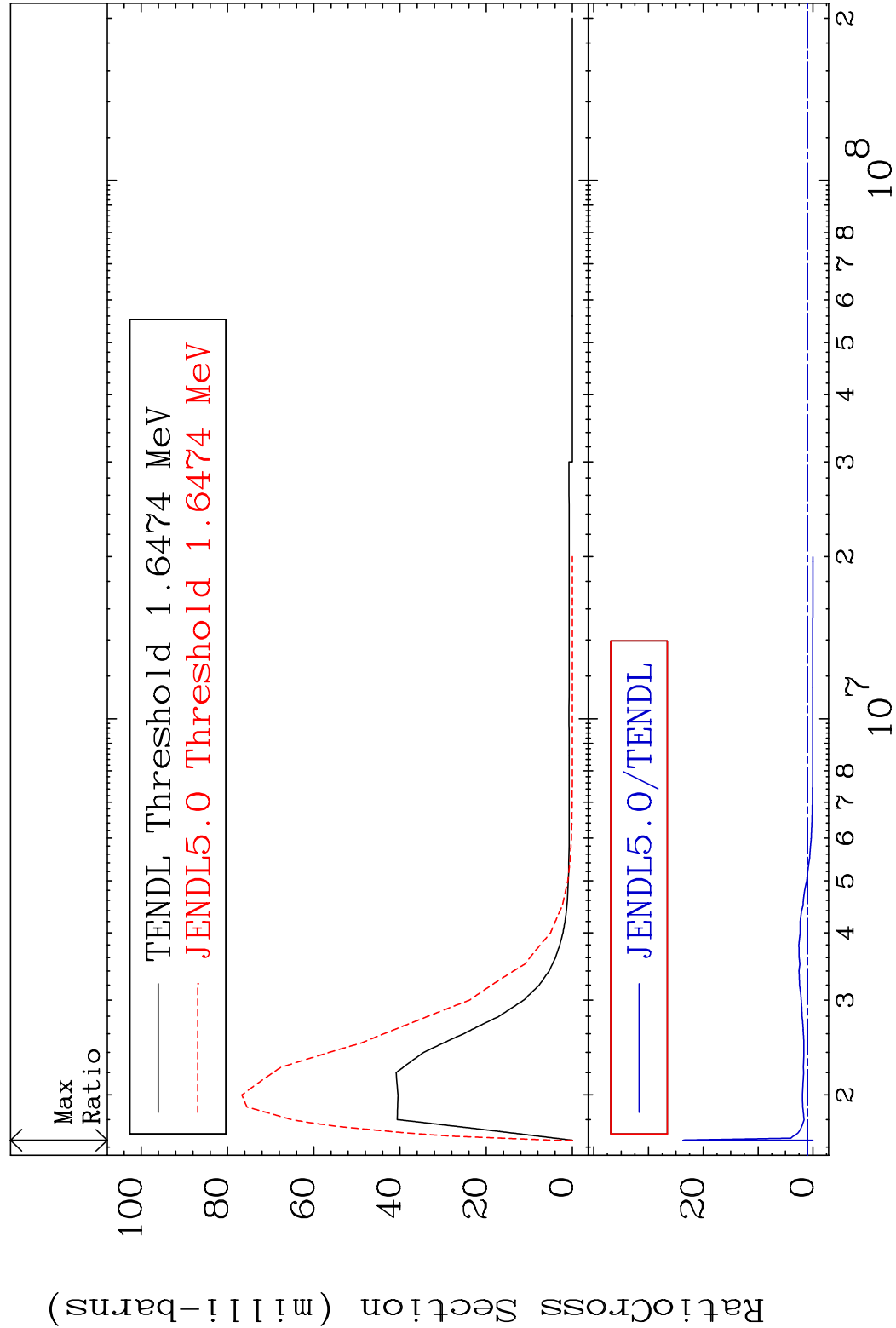


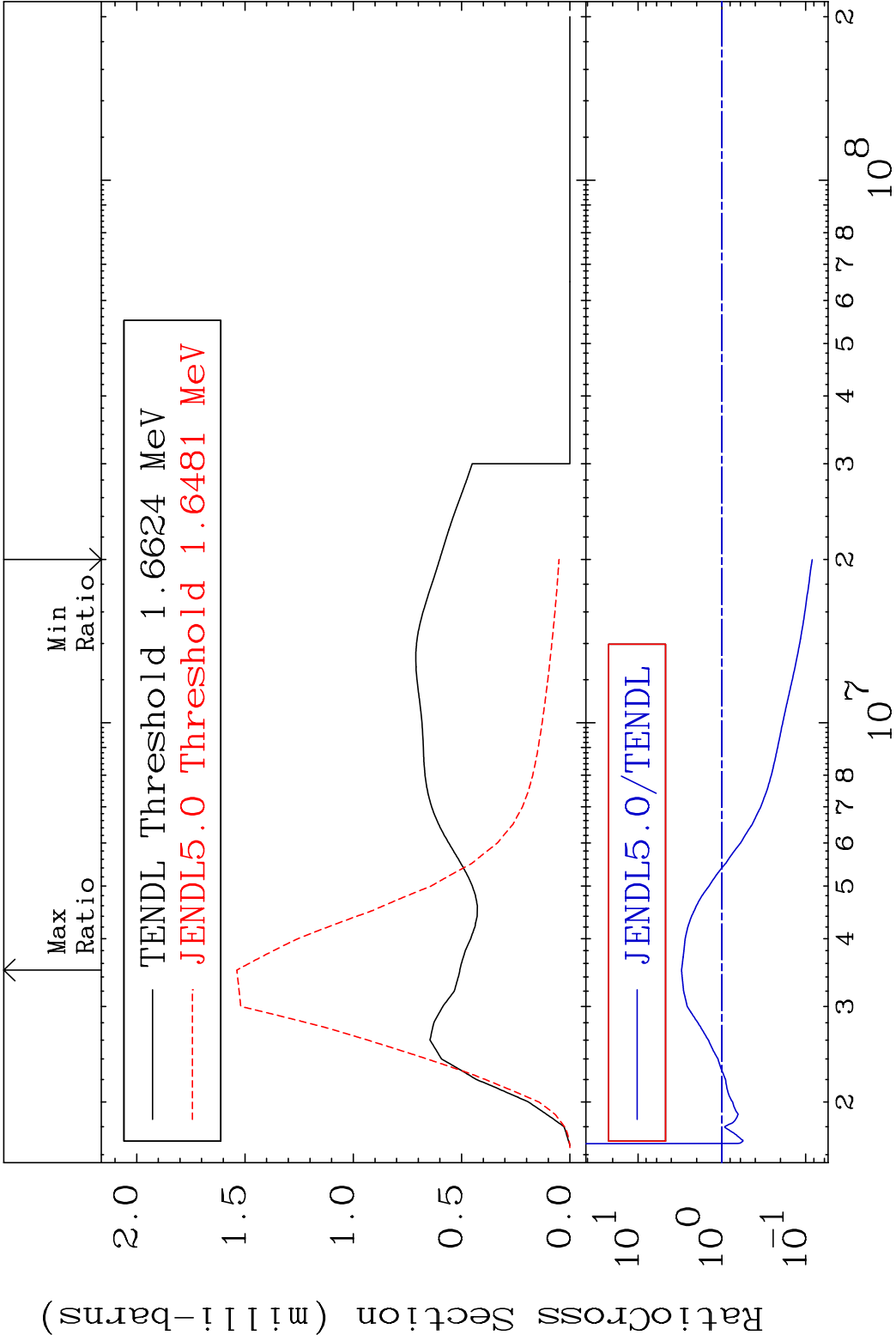


MAT 6643 MT= 77 (n,n') Level 66-Dy-162
Cross Section -100.0 To 9999. %

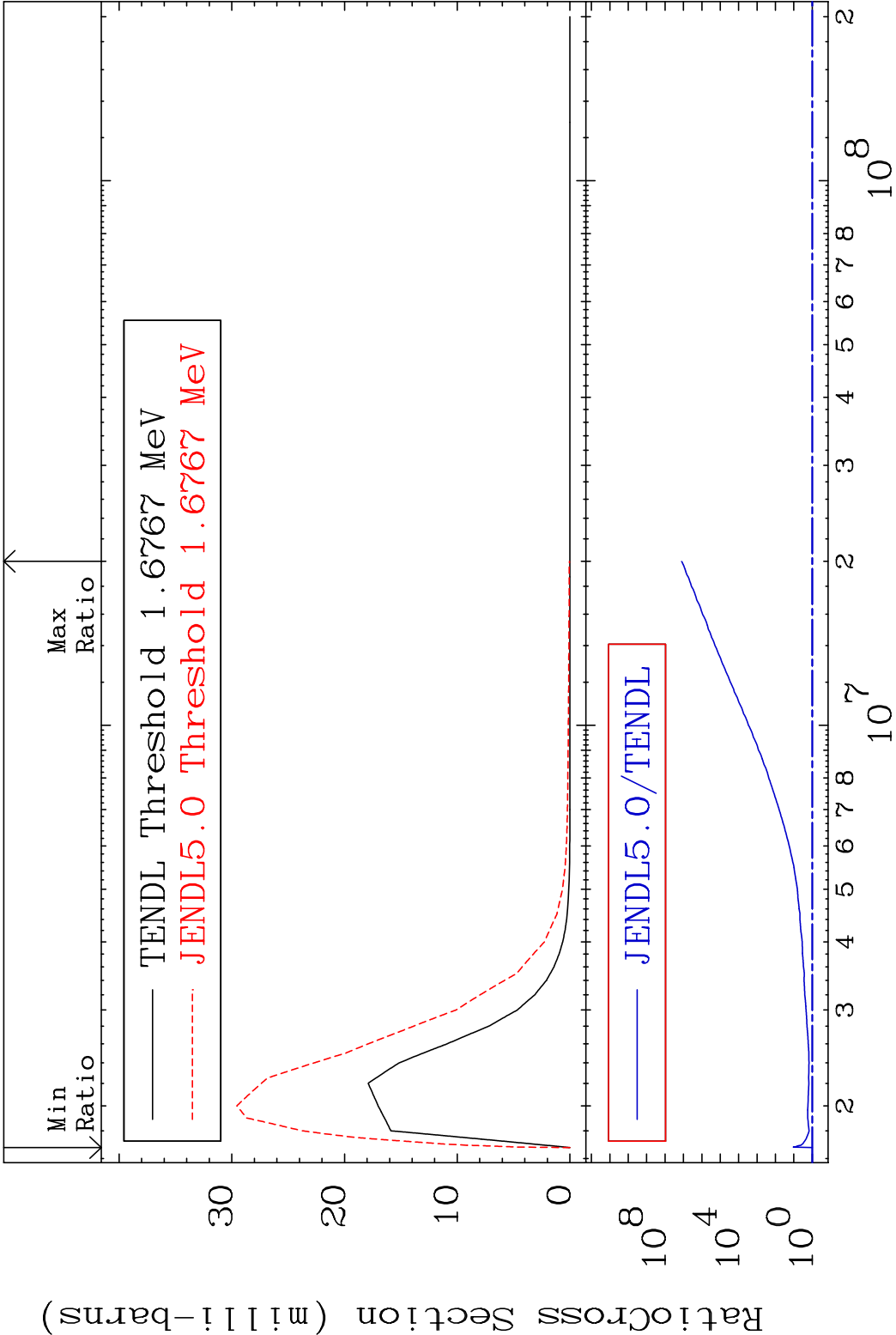


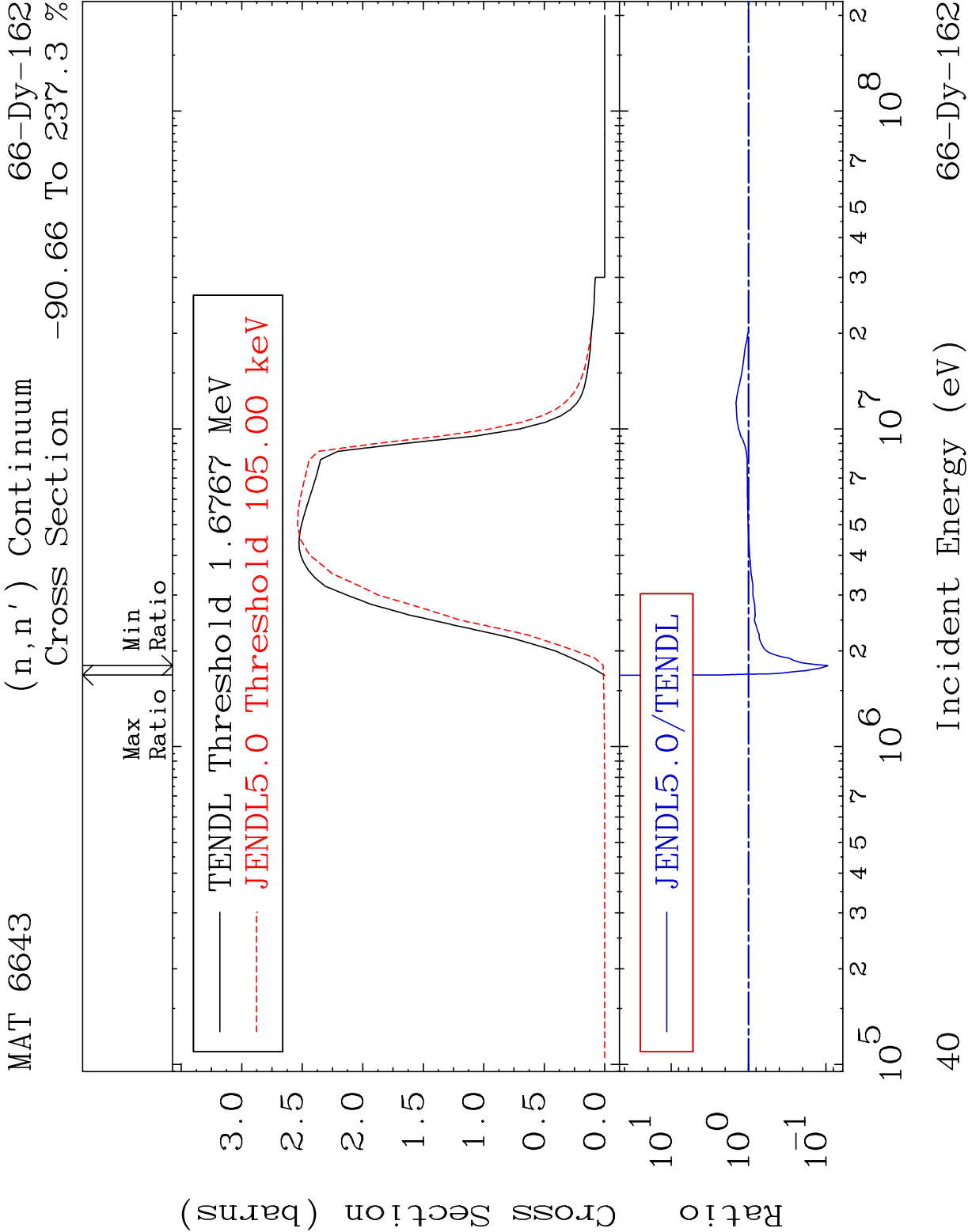
MAT 6643 MT= 78 (n,n') Level 66-Dy-162
 Cross Section -100.0 To 2268. %

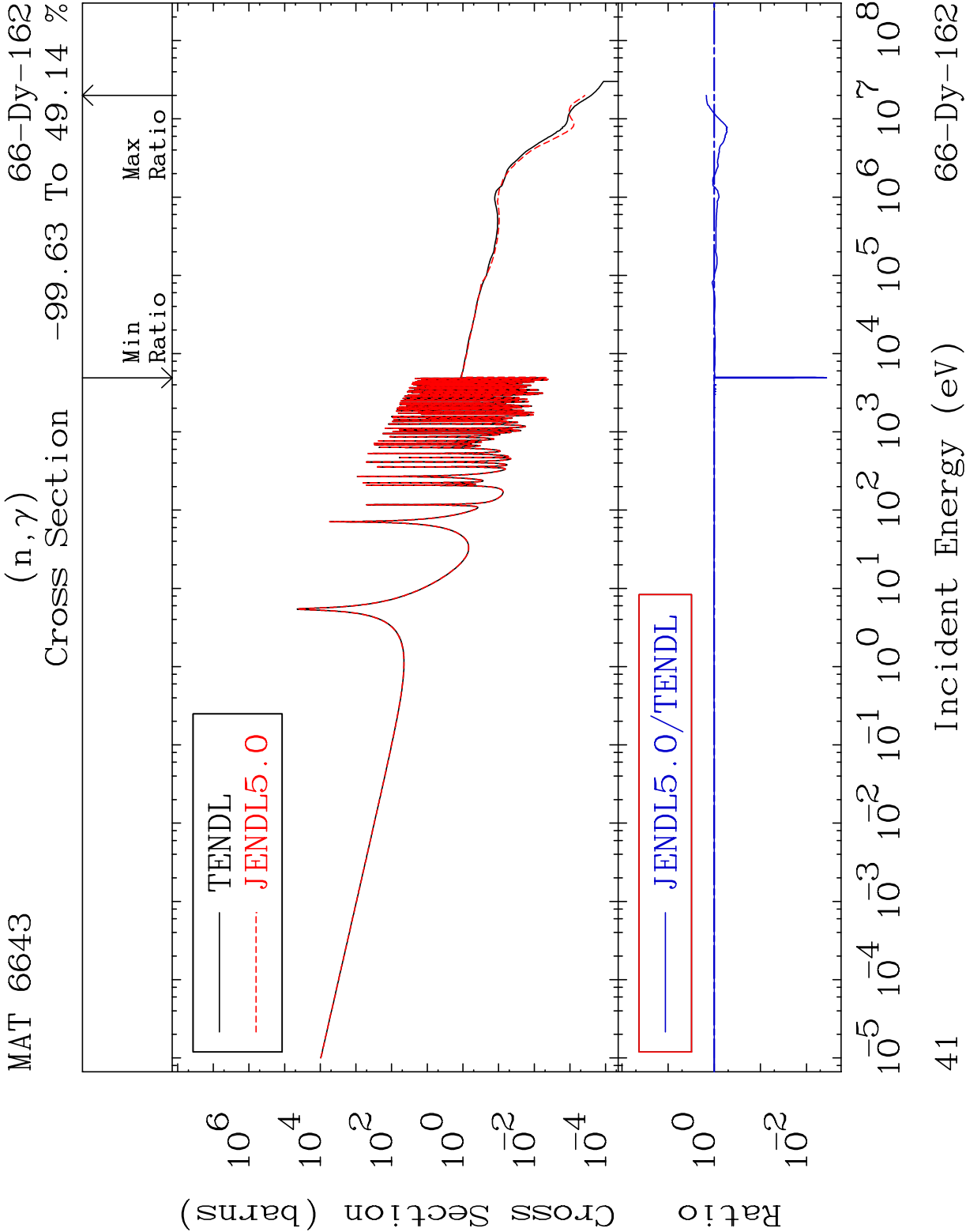


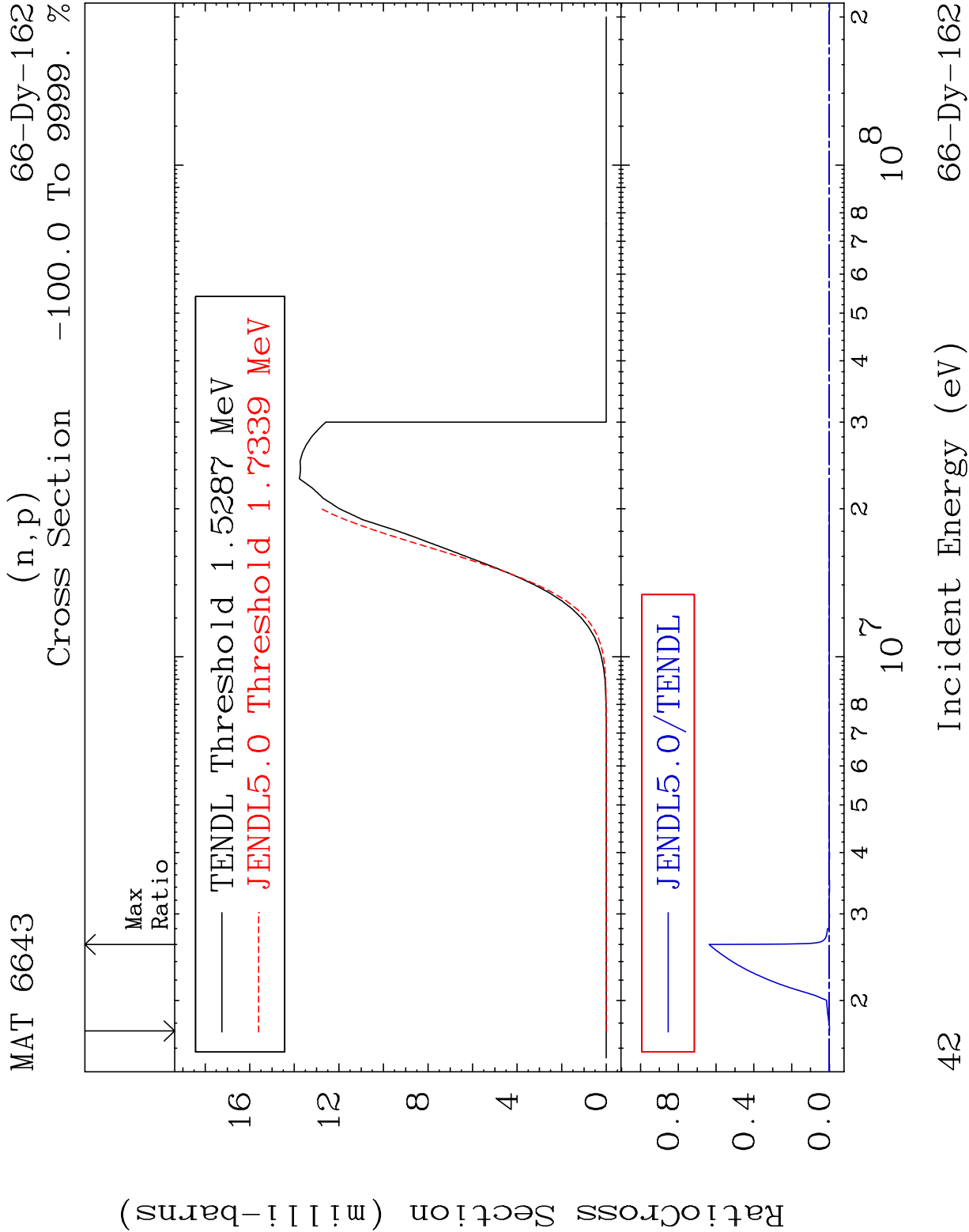


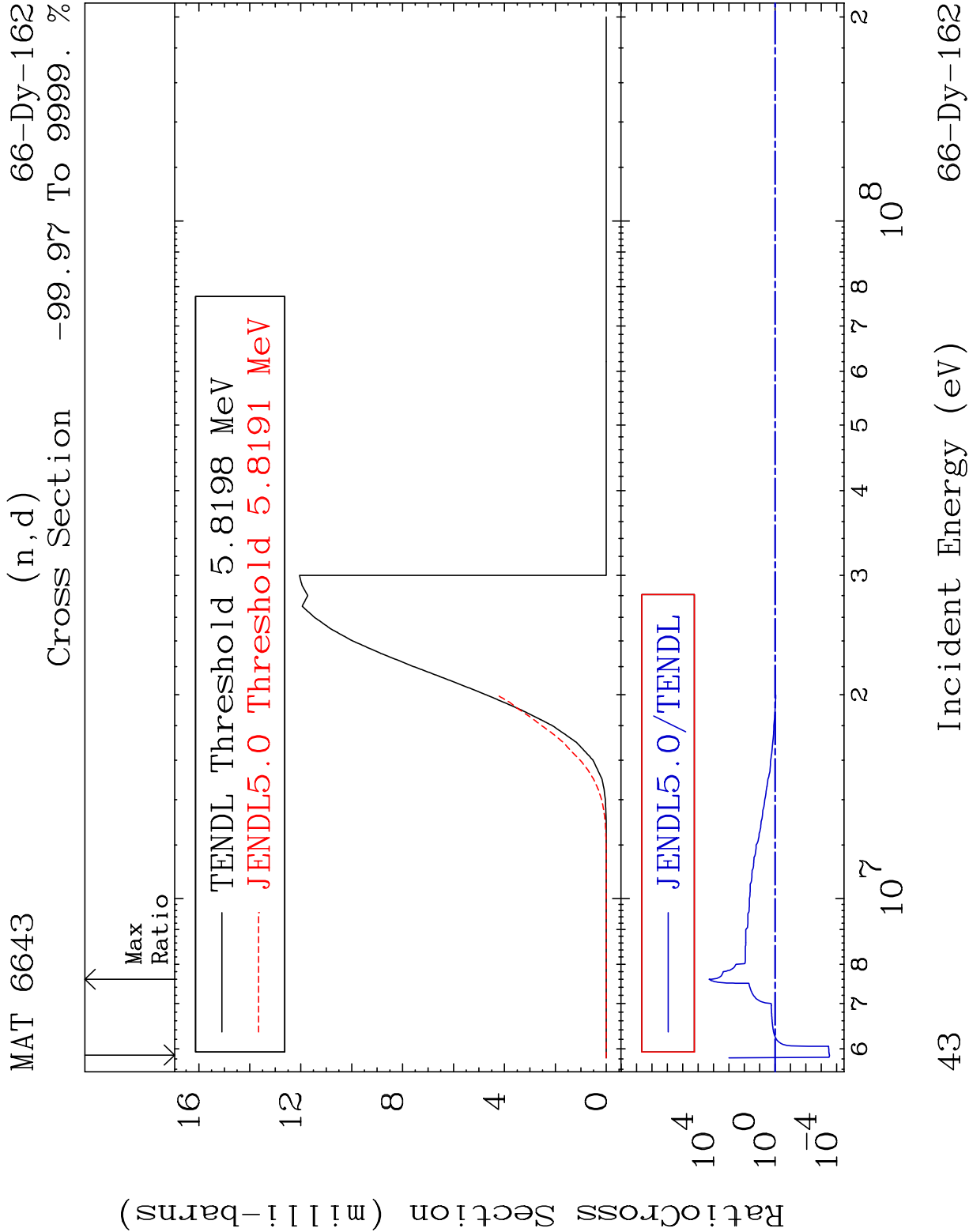
MAT 6643	MT= 80 (n,n')	Level	66-Dy-162
	Cross Section	0.000	To 9999. %

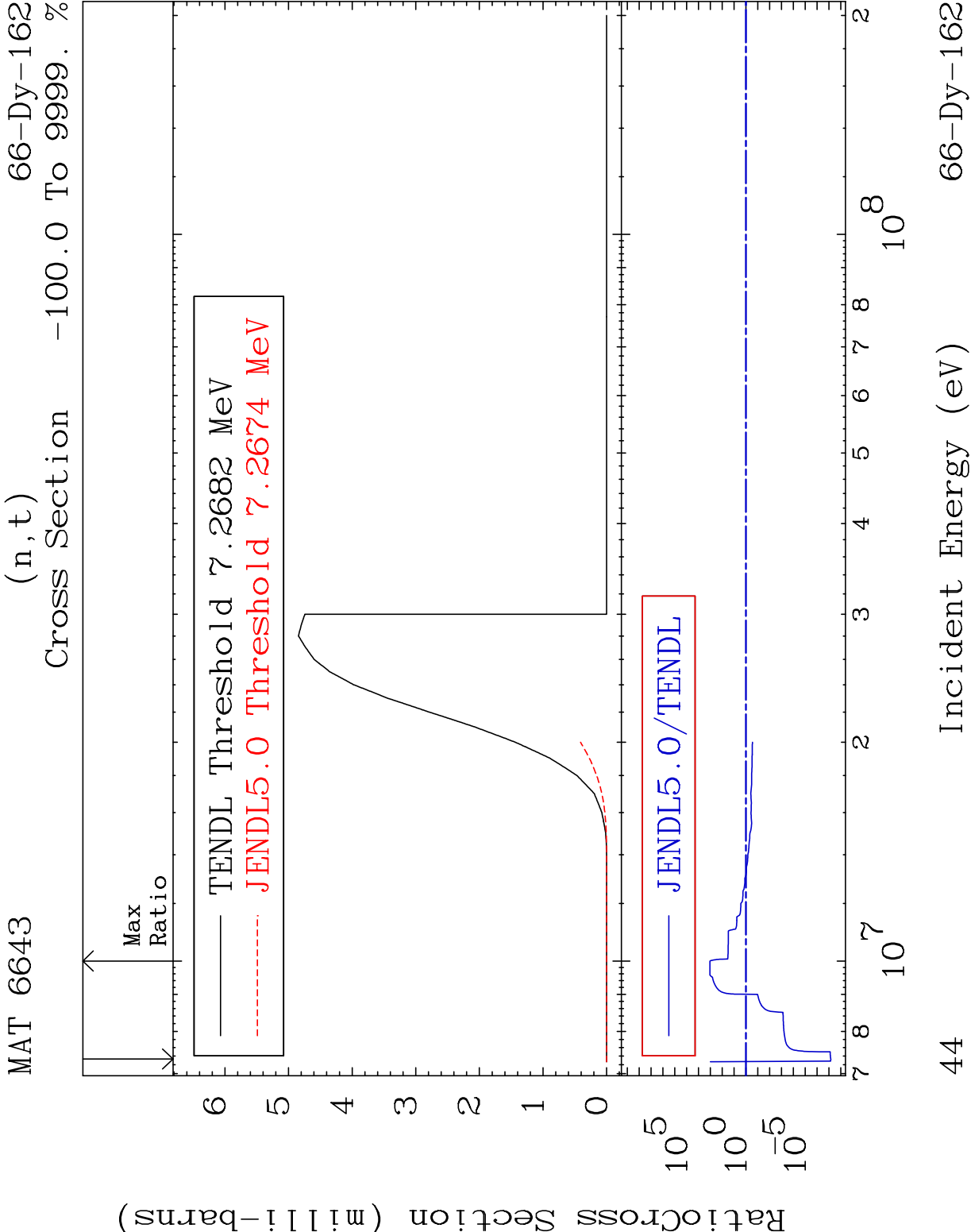


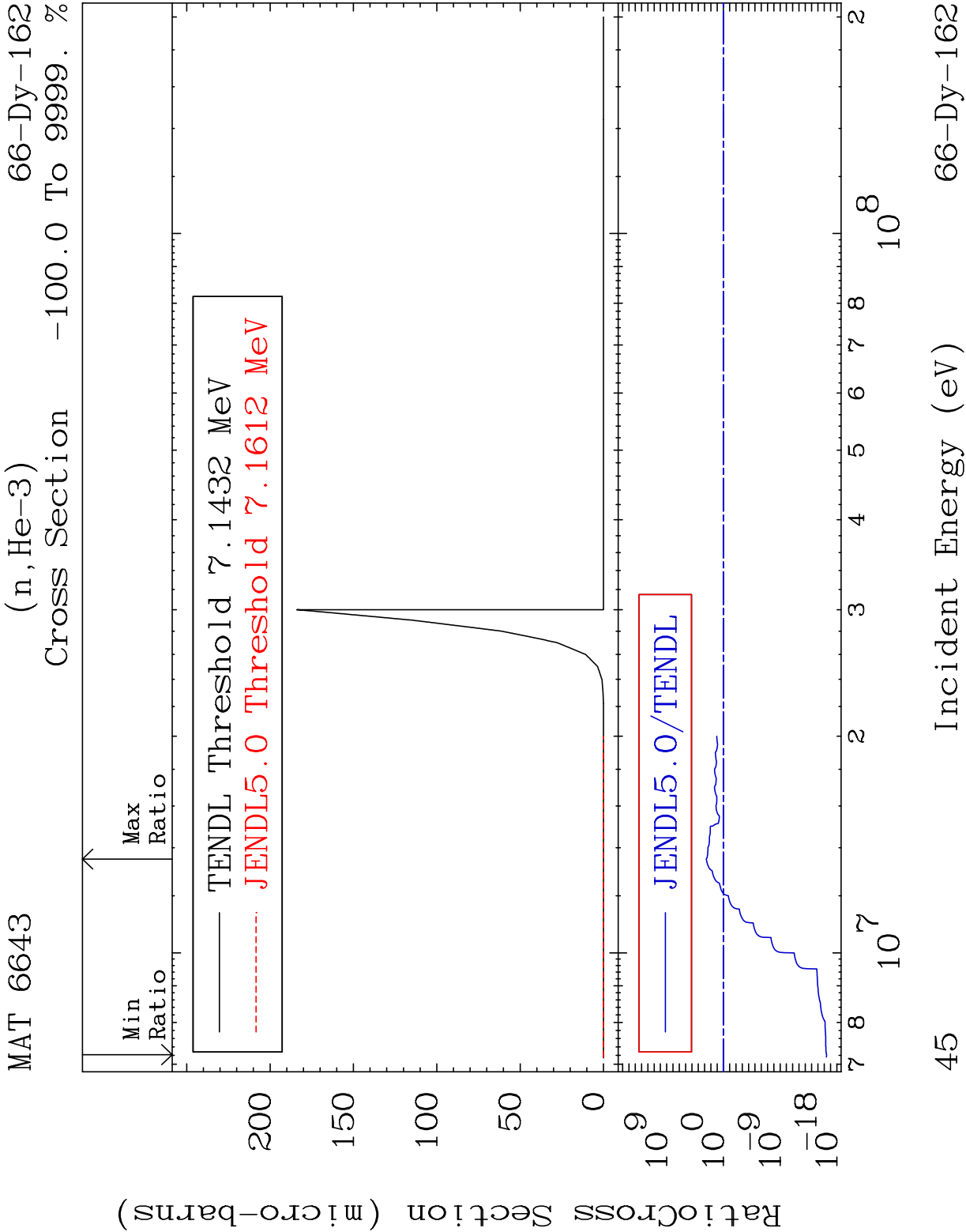


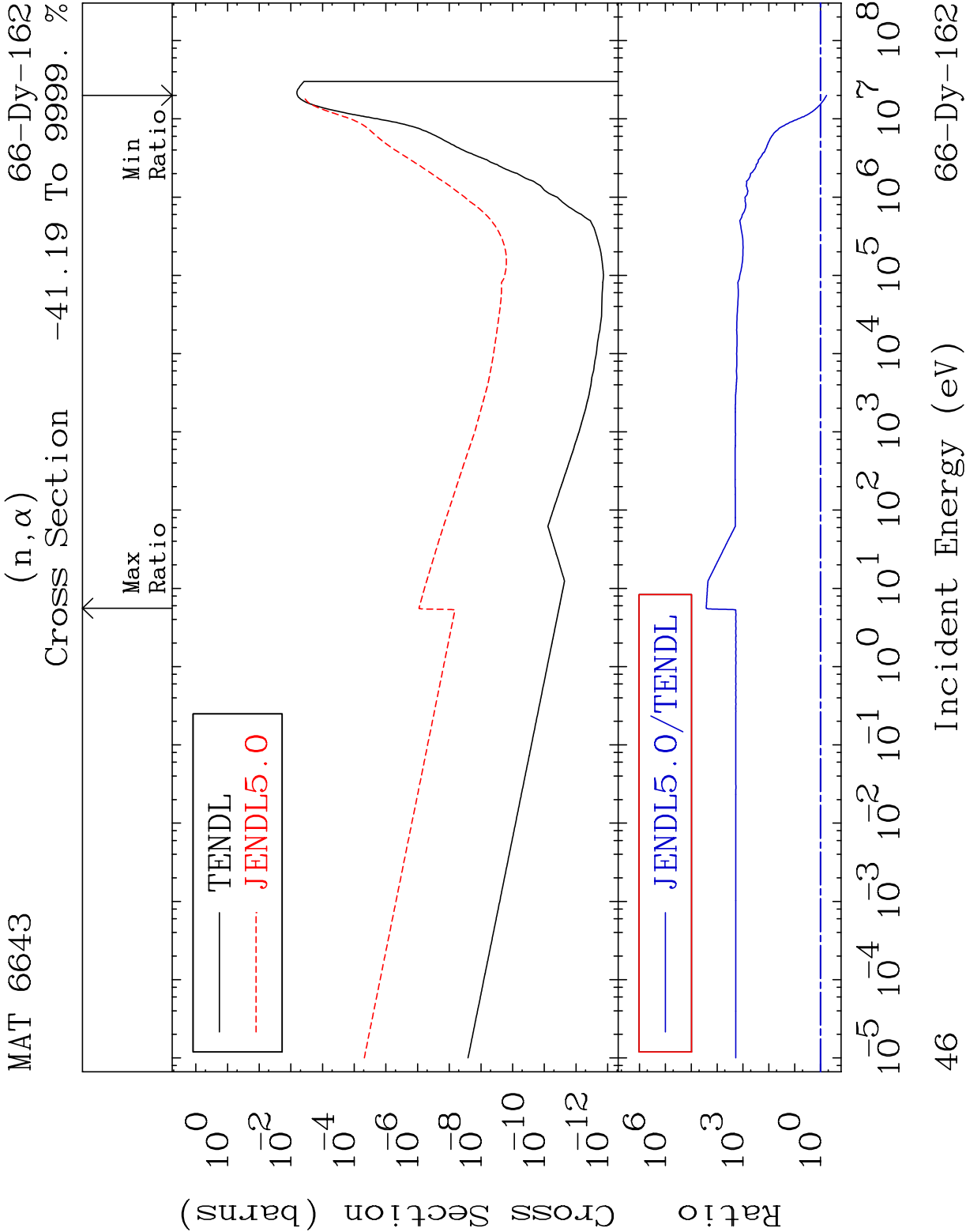


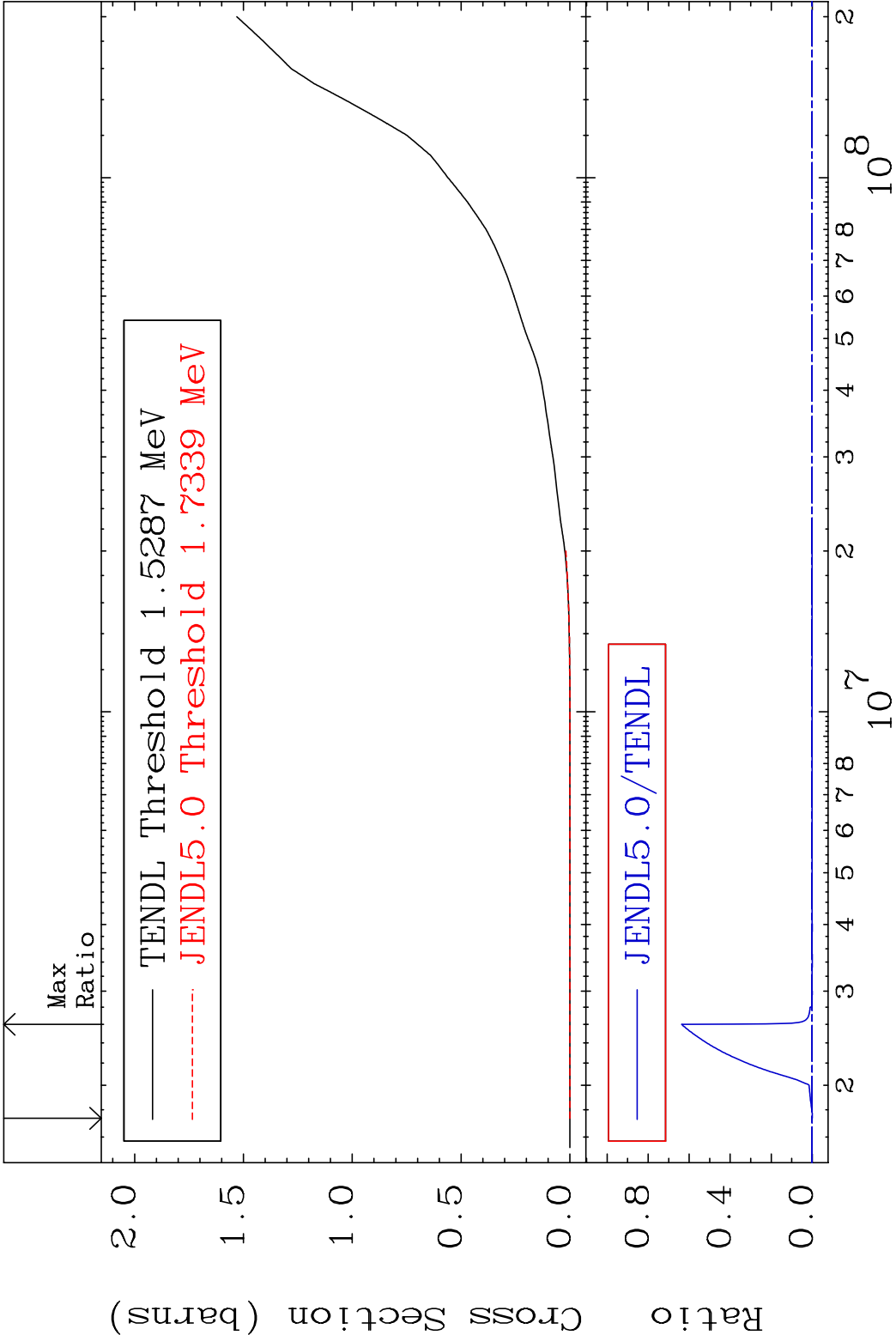


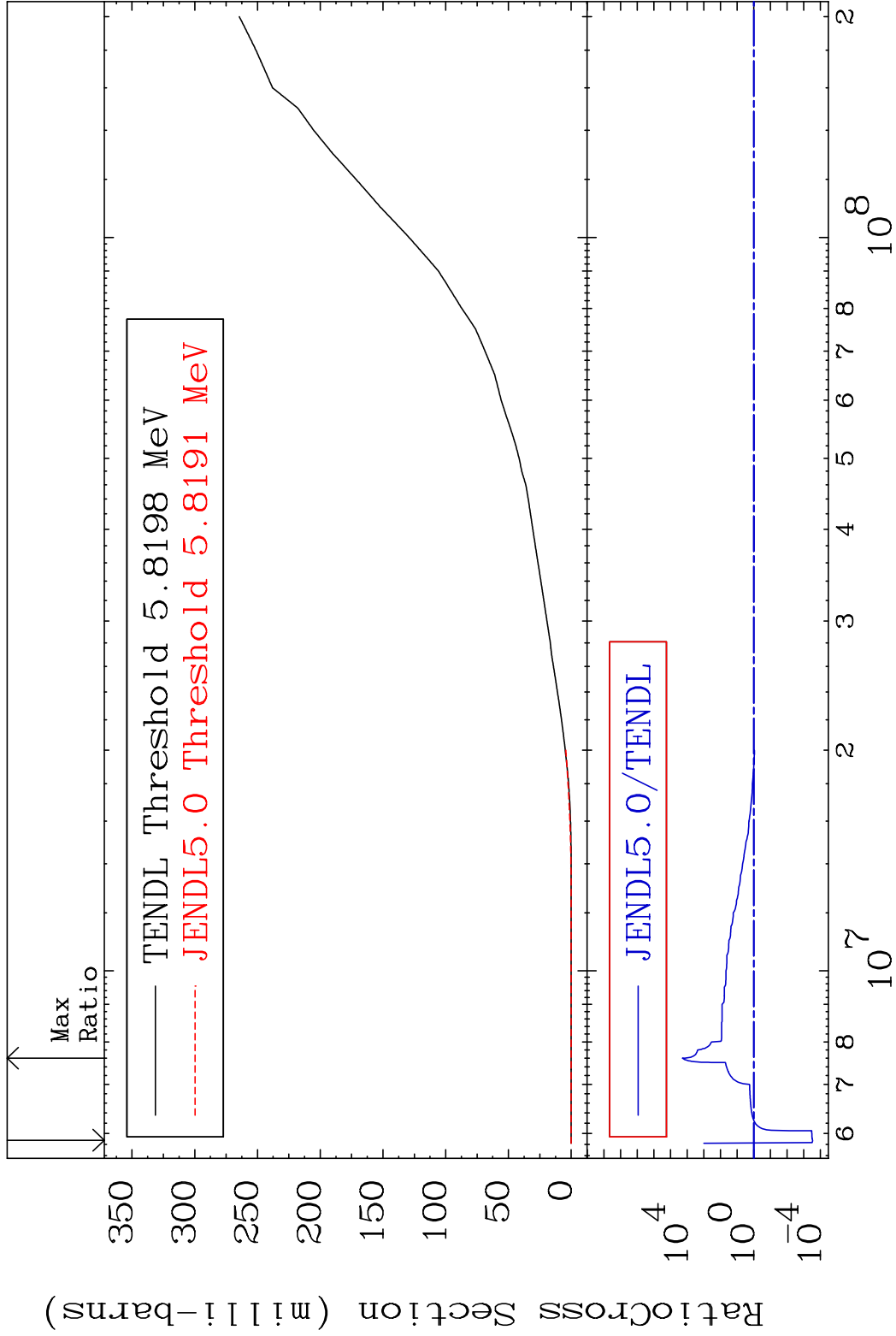


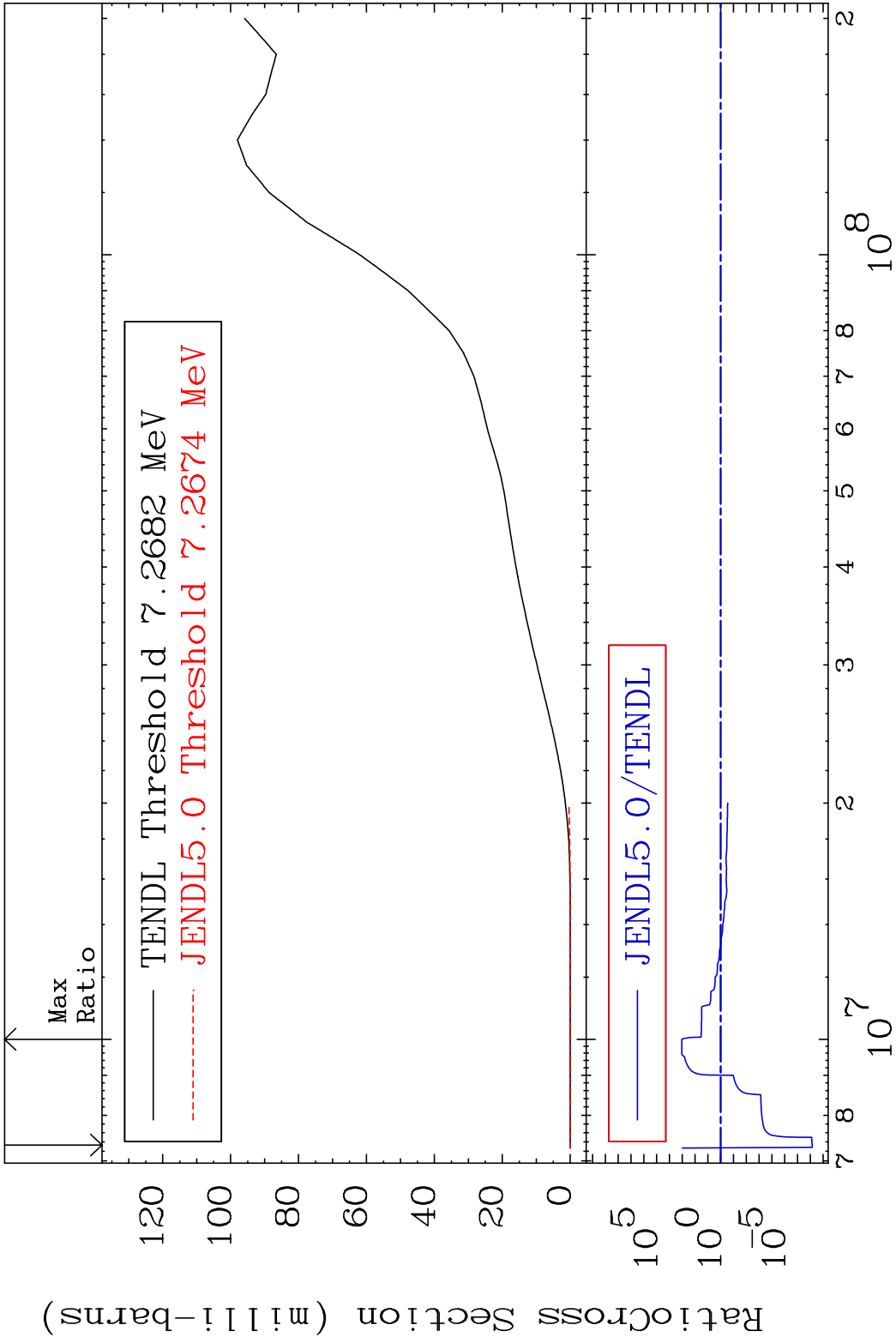


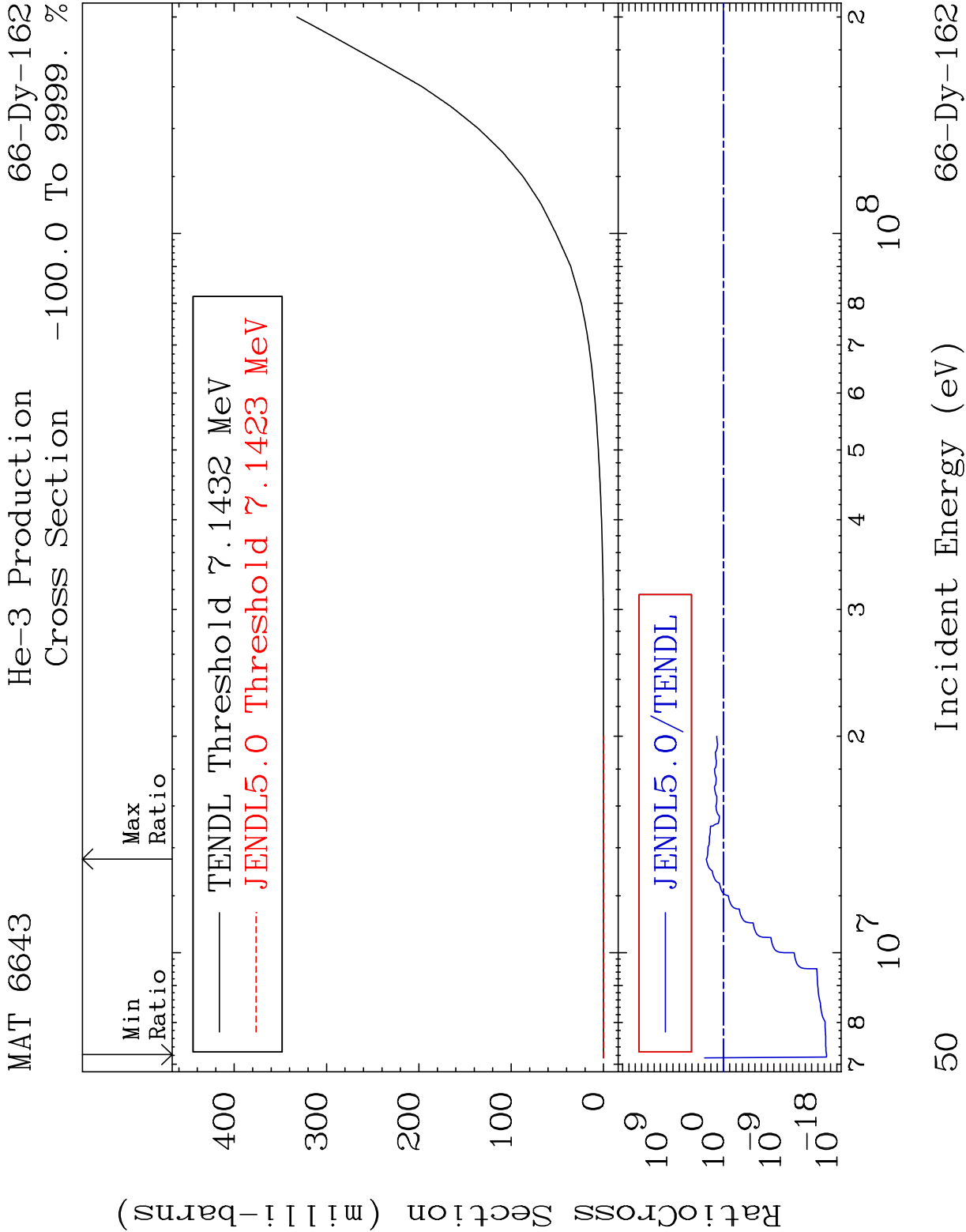


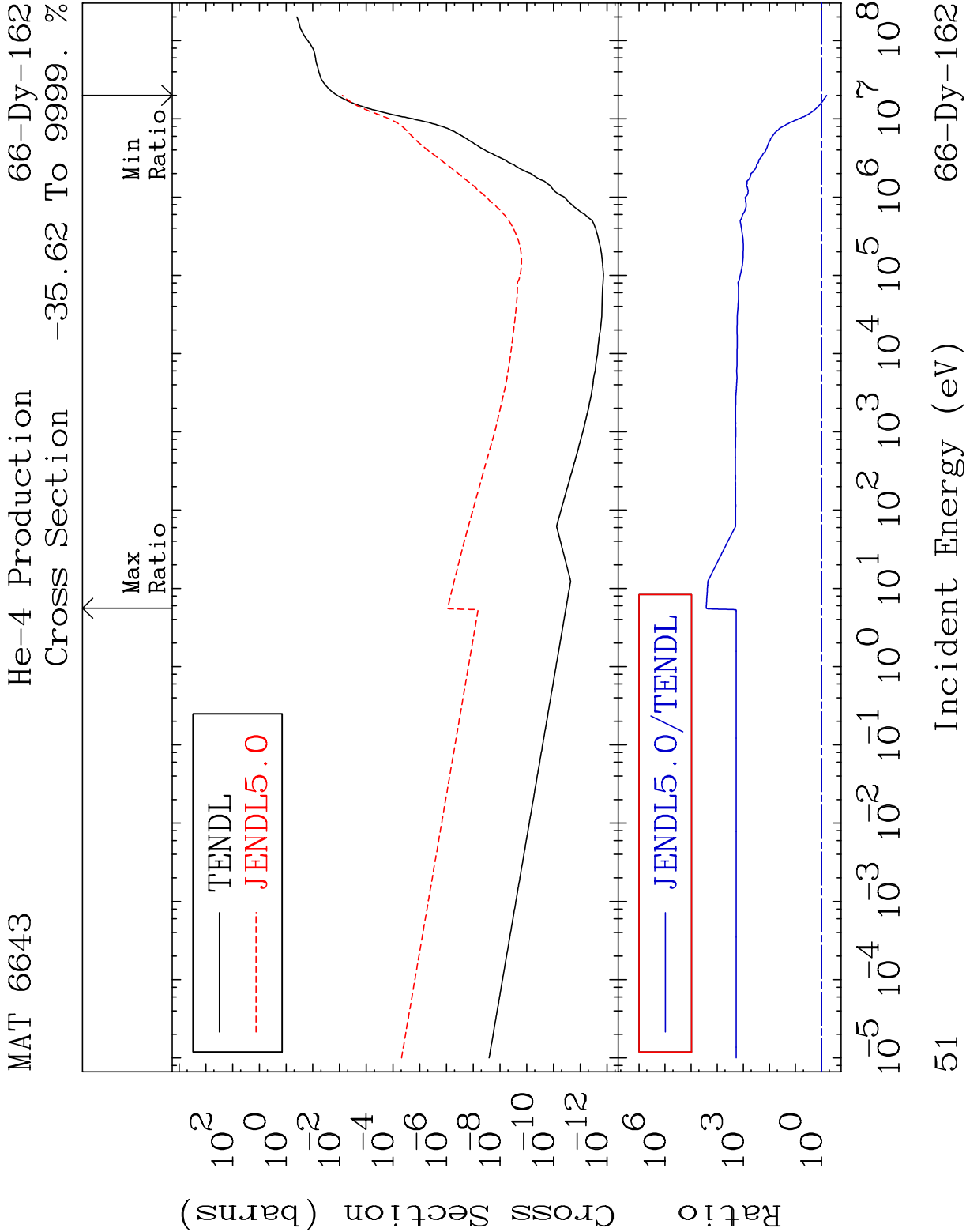




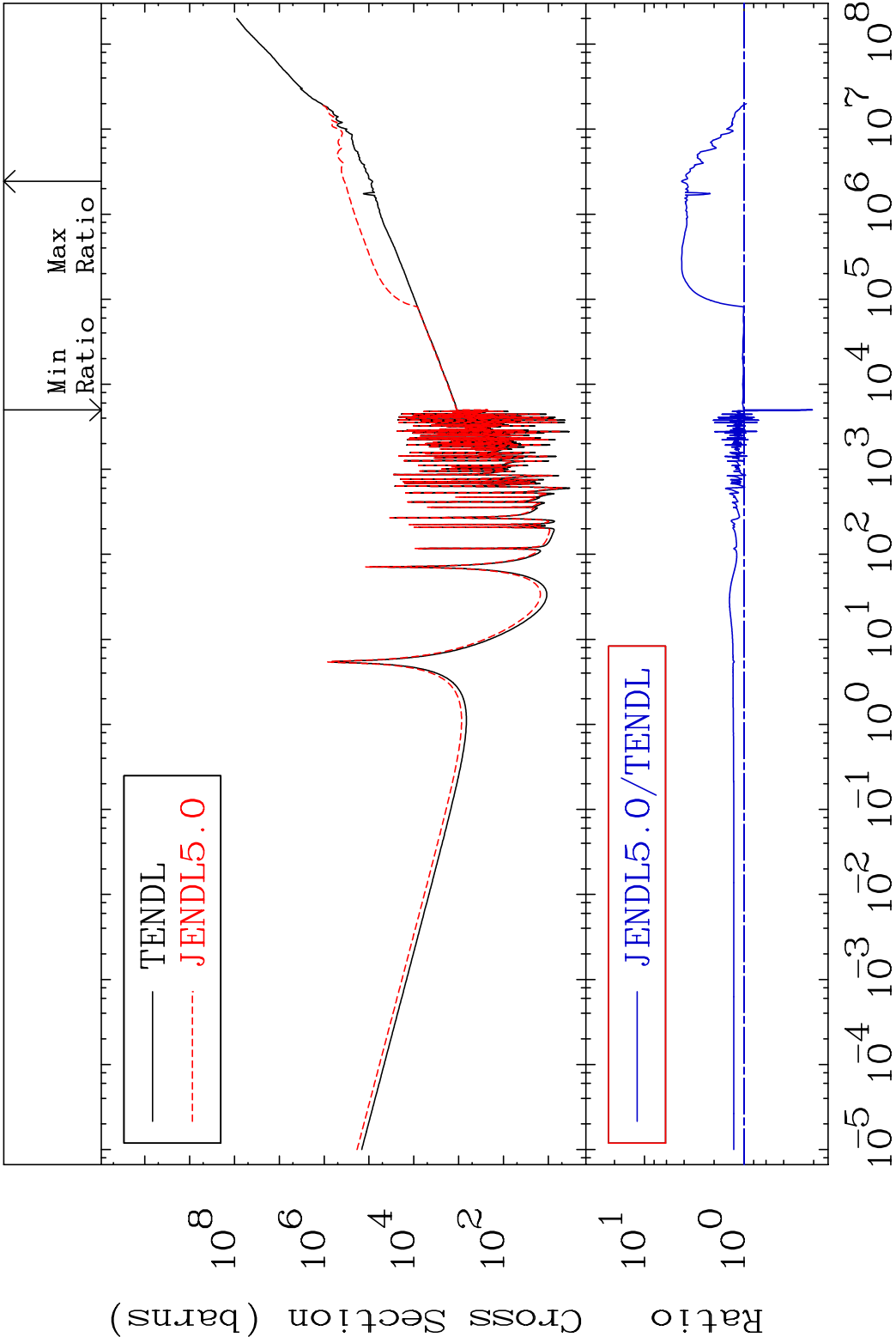






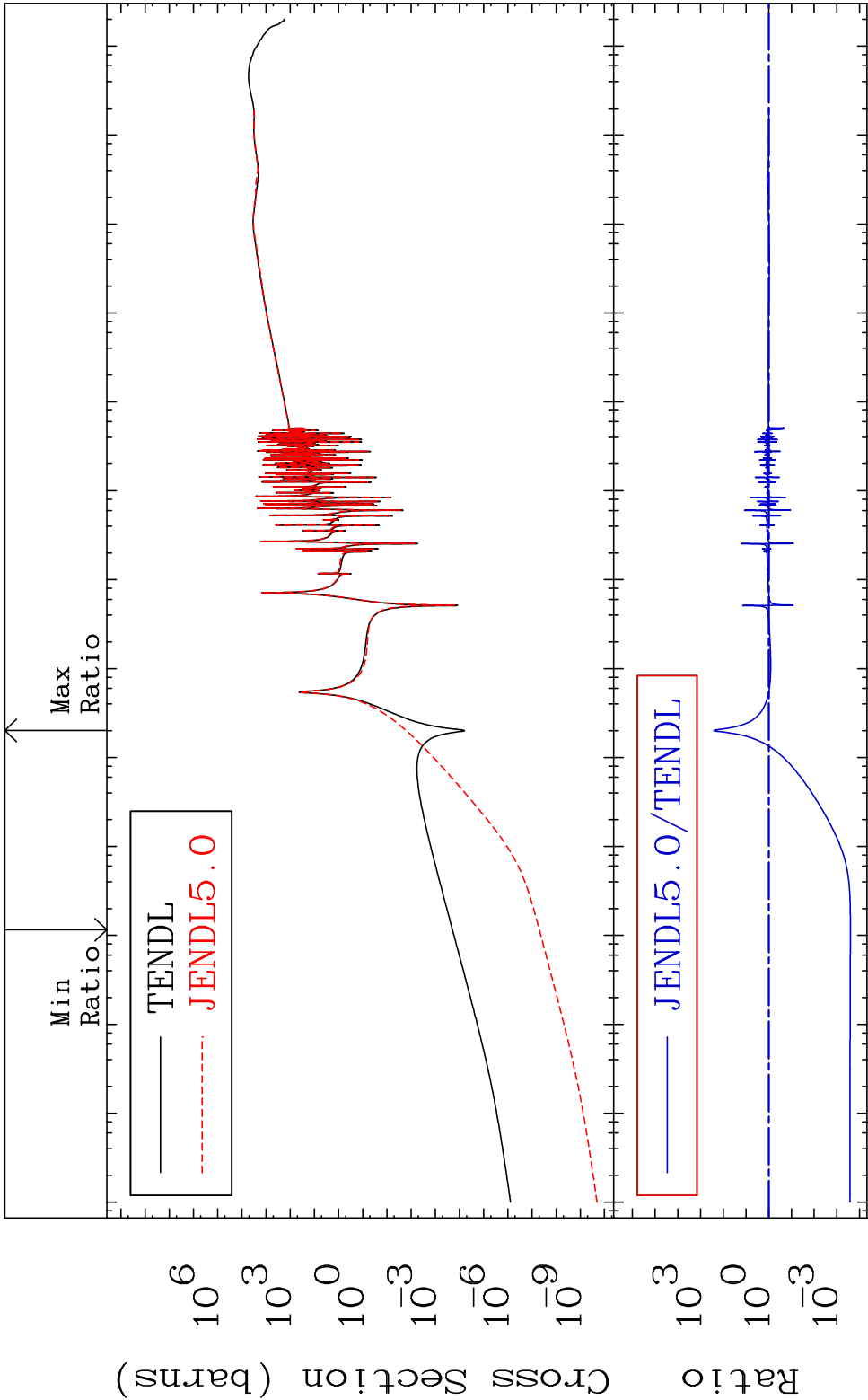


MAT 6643 Kerma total (eV-barns) 66-Dy-162
Cross Section -79.33 To 324.1 %



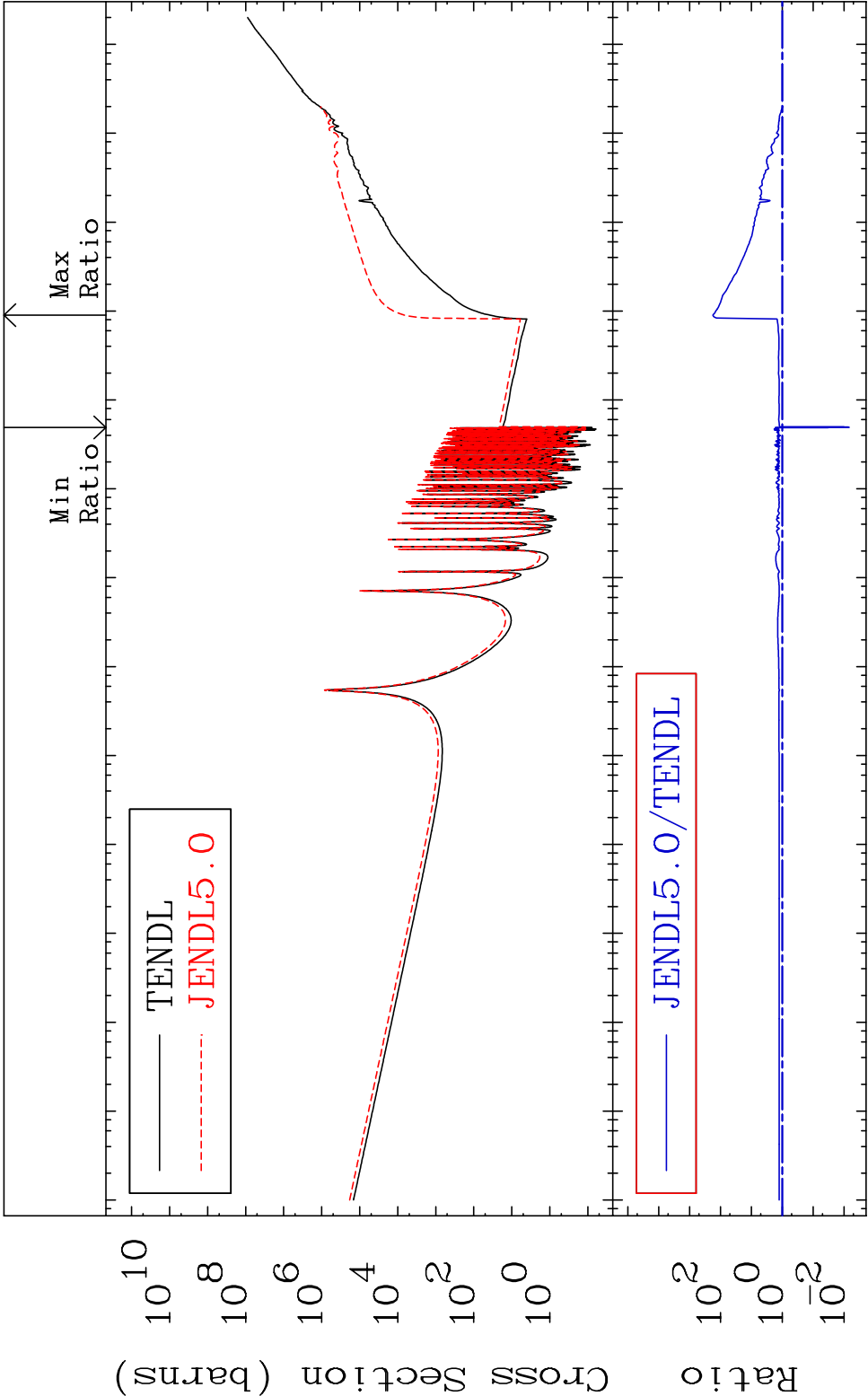
52 Incident Energy (eV) 66-Dy-162

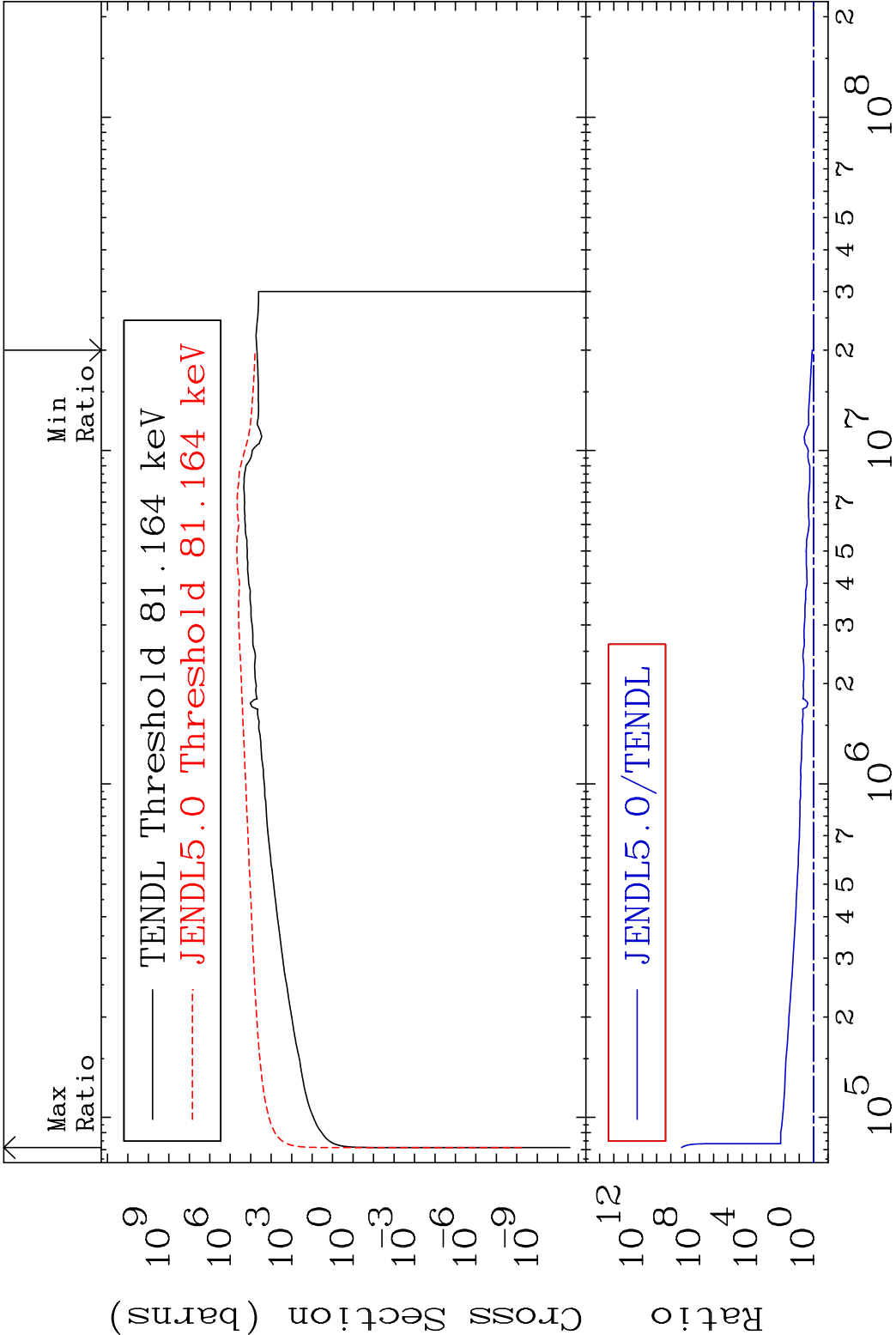
MAT 6643 Kerma elastic 66-Dy-162
Cross Section -99.97 To 9999. %



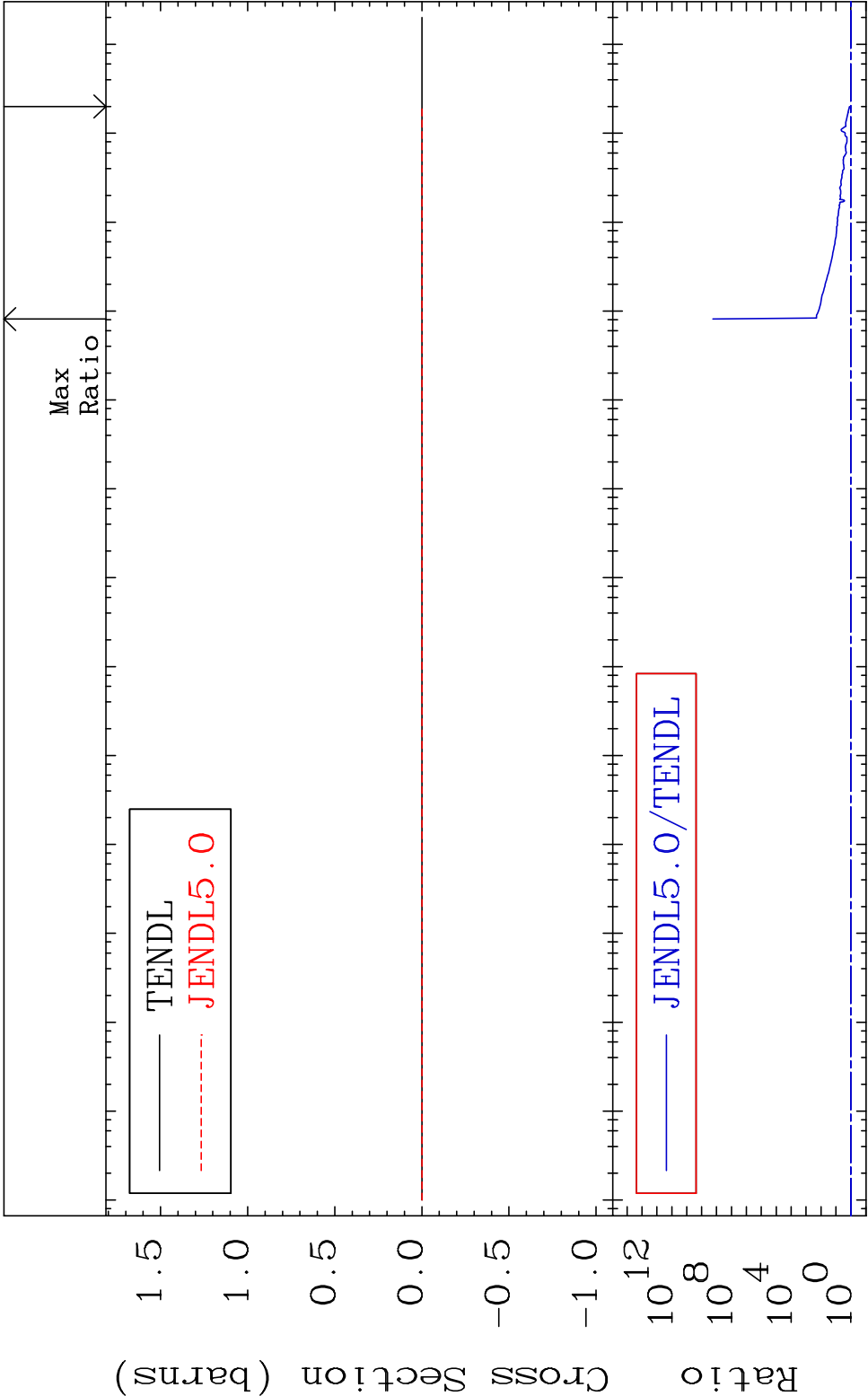
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

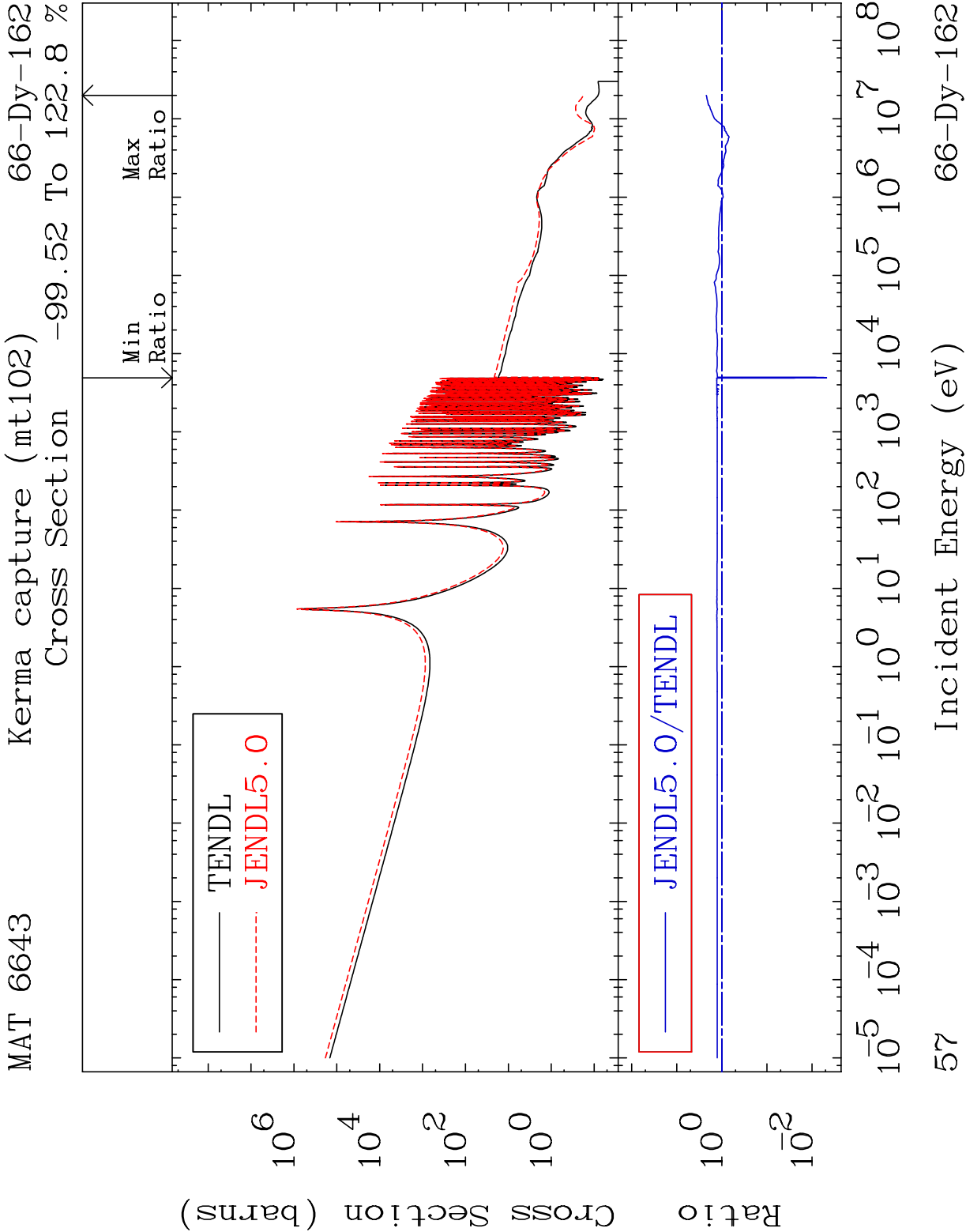
53 Incident Energy (eV) 66-Dy-162



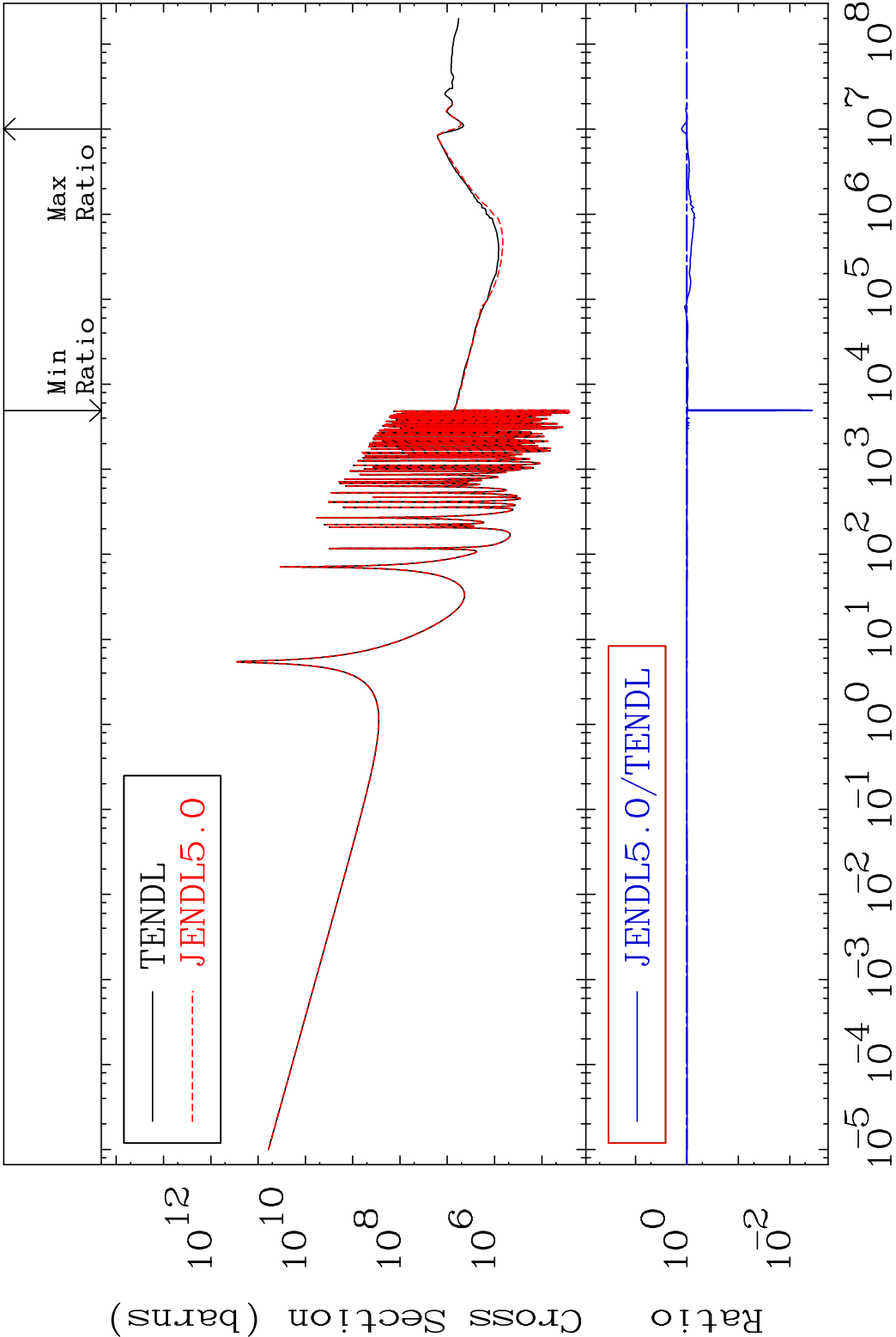


MAT 6643Kerma fission (mt18 or mt19-20-21-38)66-Dy-162
Cross Section 22.79 To 9999. %



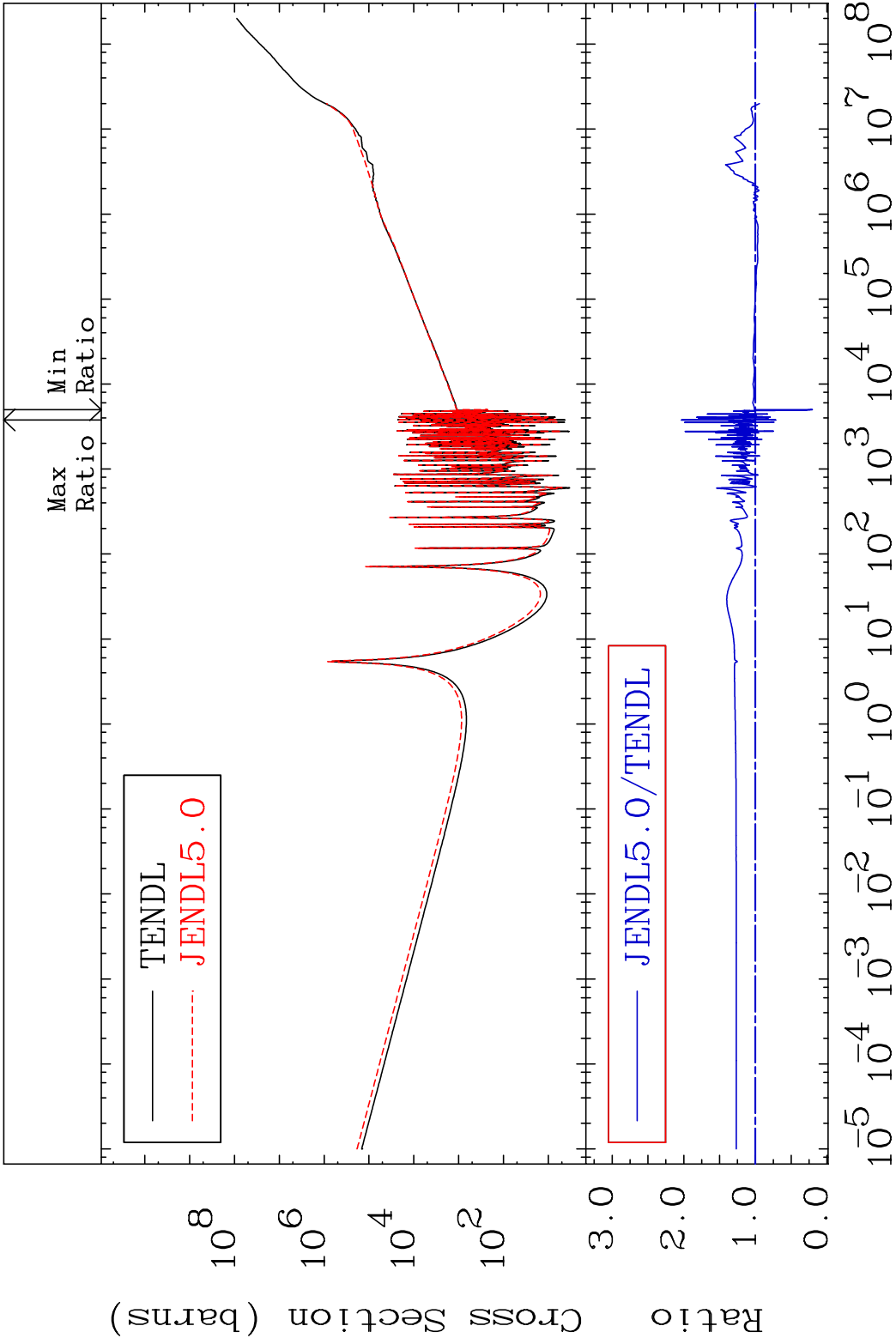


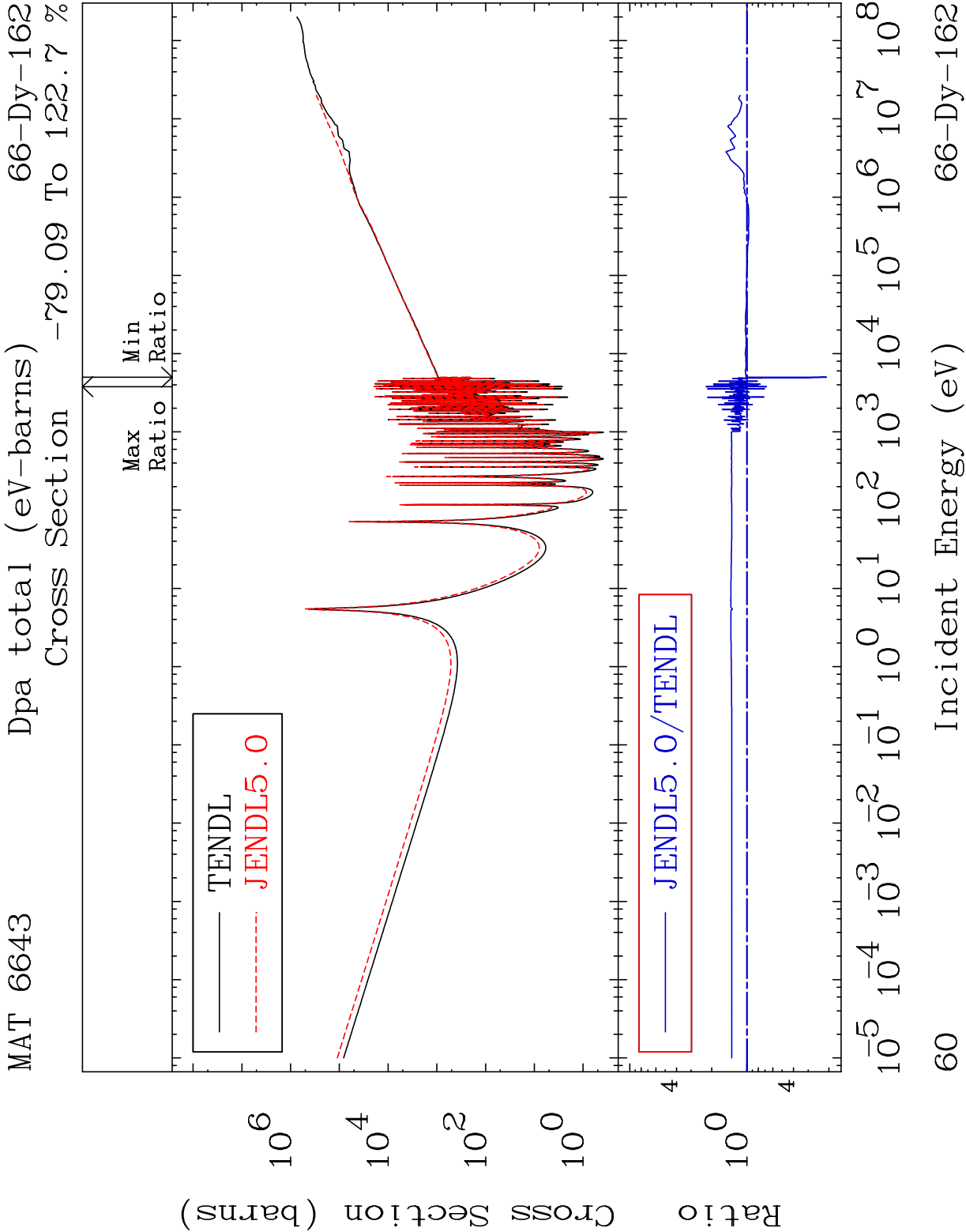
MAT 6643	Total photon (eV-barns)	66-Dy-162
	Cross Section	-99.63 To 27.31 %



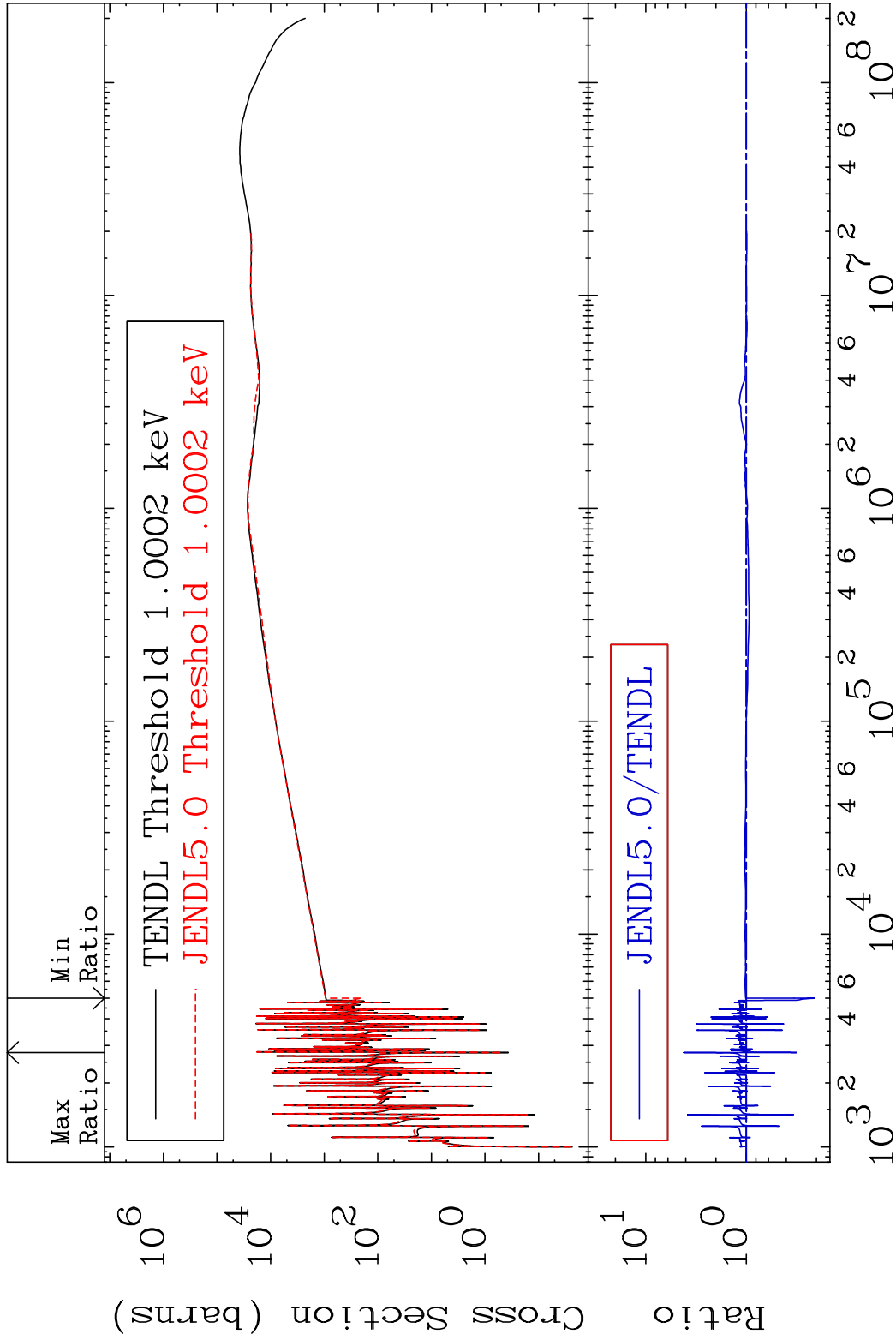
58	Incident Energy (eV)	66-Dy-162
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MAT 6643 Total kinematic kerma (high limit) 66-Dy-162
Cross Section -79.33 To 103.1 %



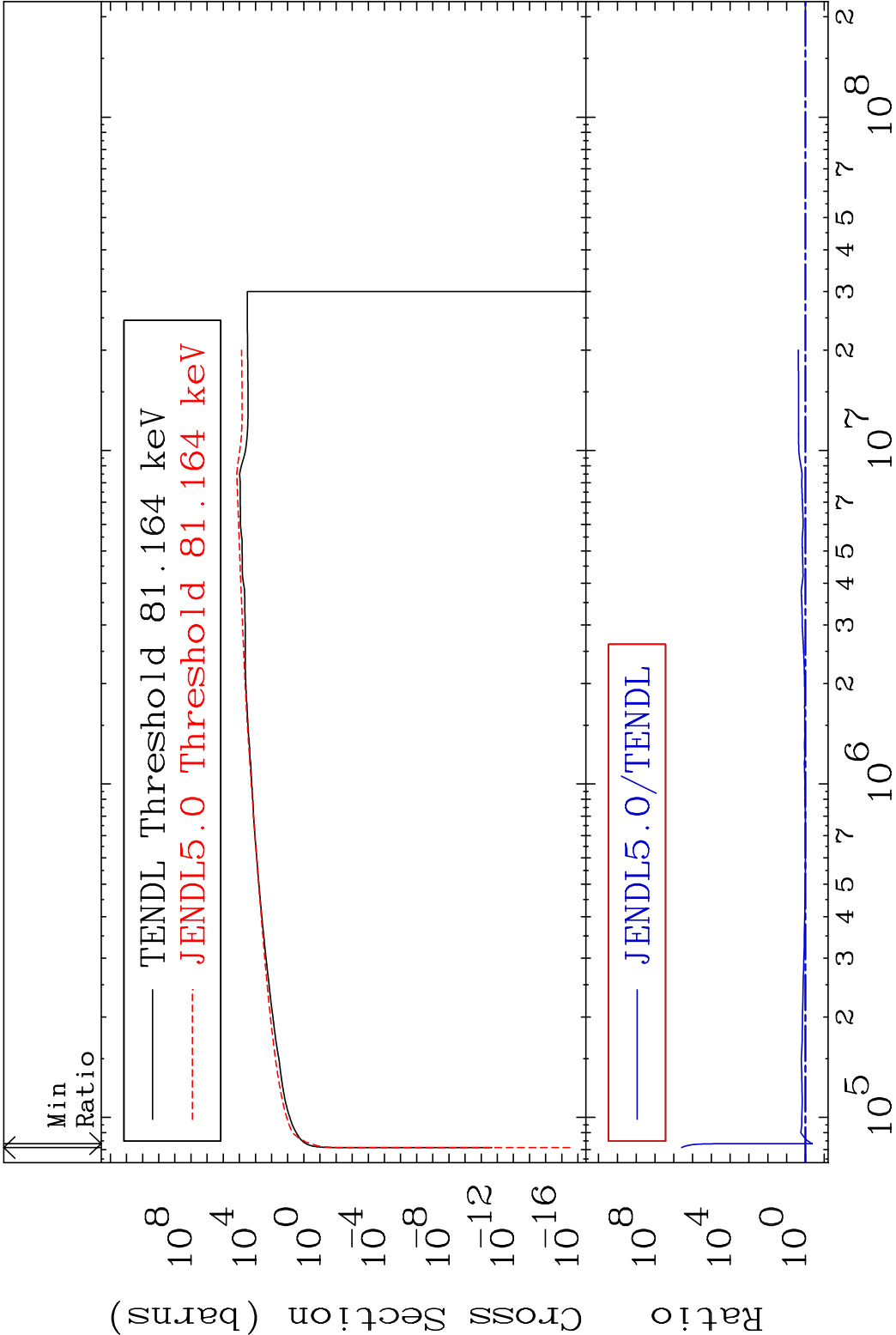


MAT 6643	Dpa elastic (mt2)	66-Dy-162
	Cross Section	-78.89 To 319.2 %

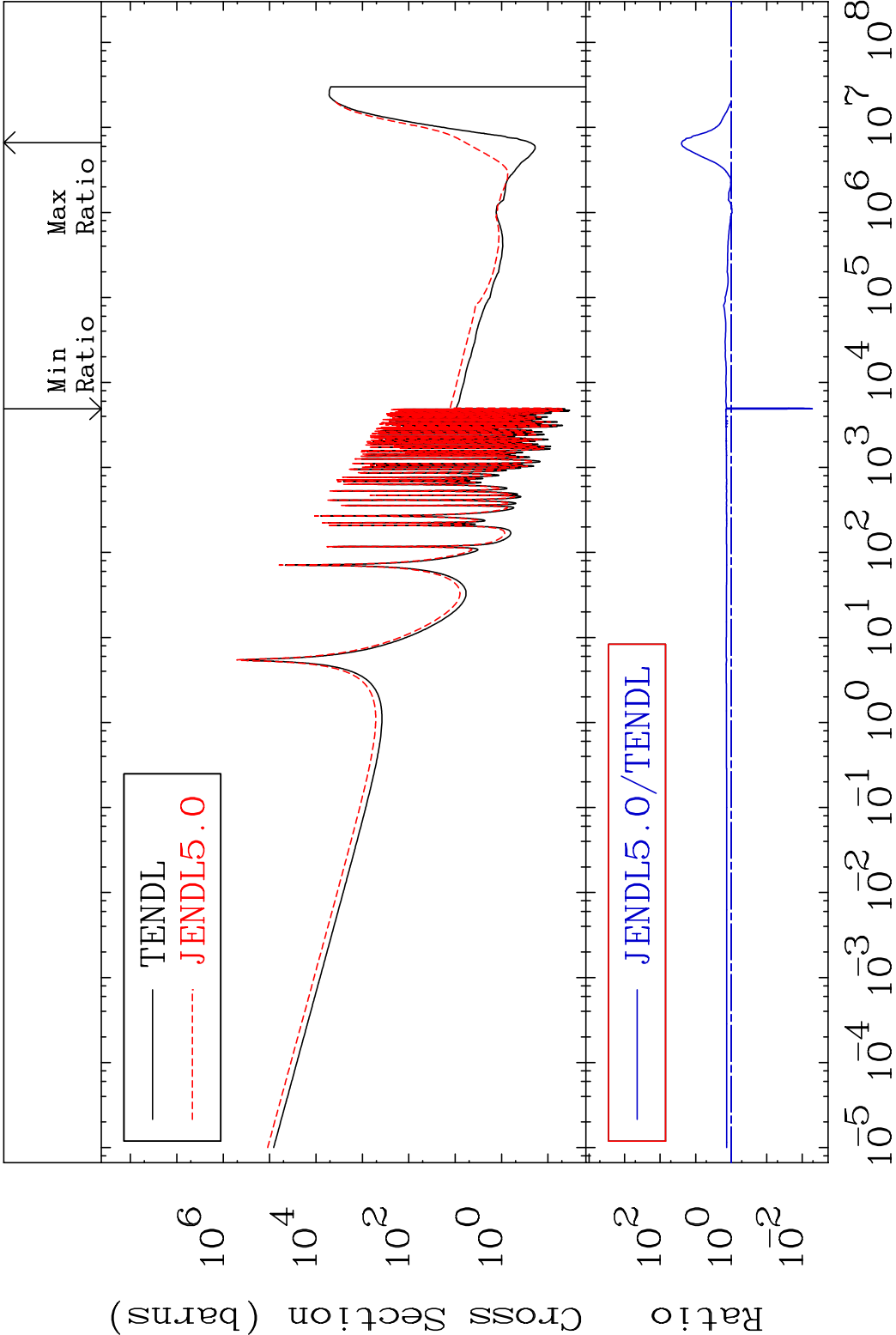


61	Incident Energy (eV)	66-Dy-162
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MAT 6643 Dpa inelastic (mt51-91) 66-Dy-162
Cross Section -56.88 To 9999. %



MAT 6643 Dpa disappearance (mt102 -120) 66-Dy-162
Cross Section -99.48 To 2400. %



63 Incident Energy (eV) 66-Dy-162

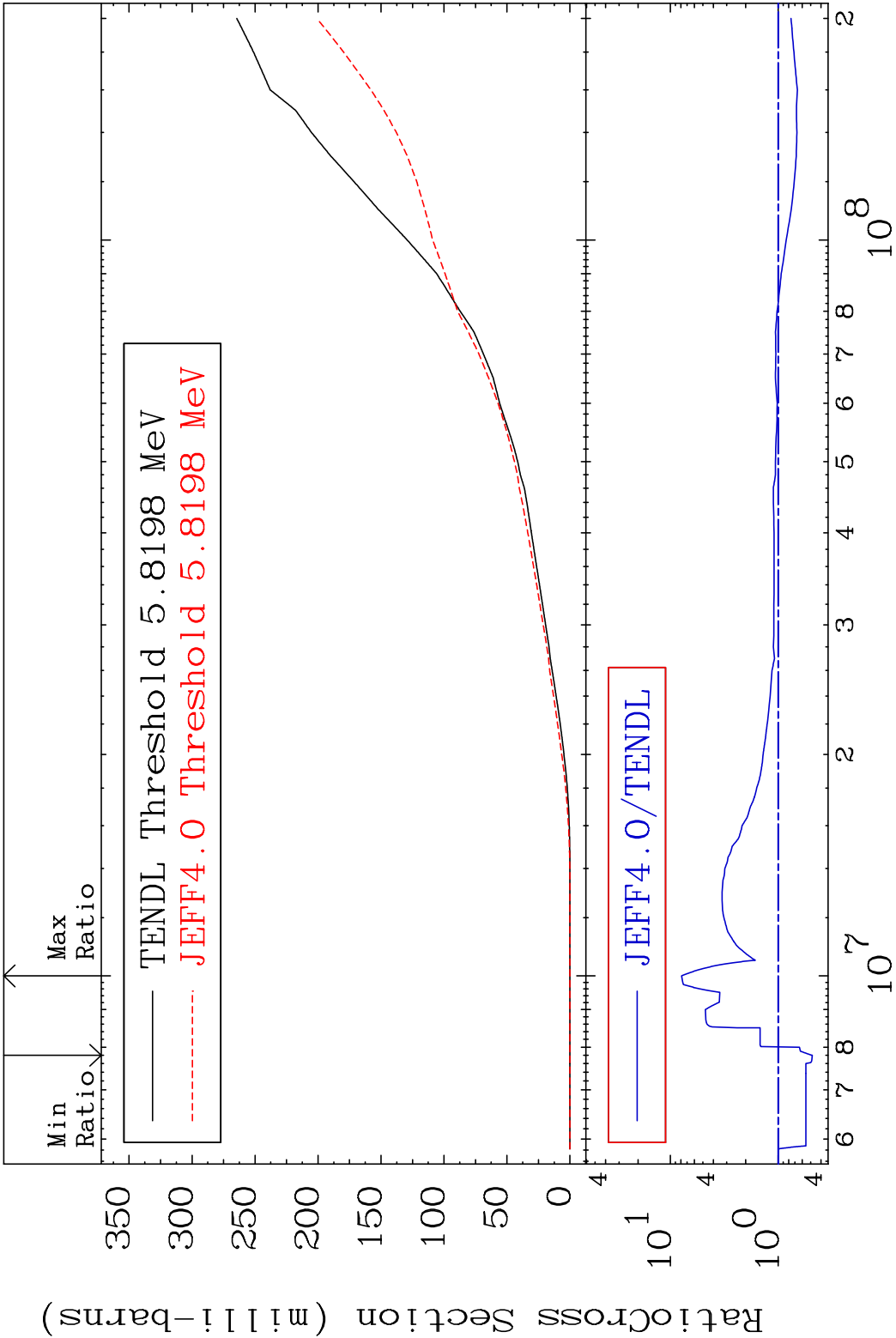
MAT 6643

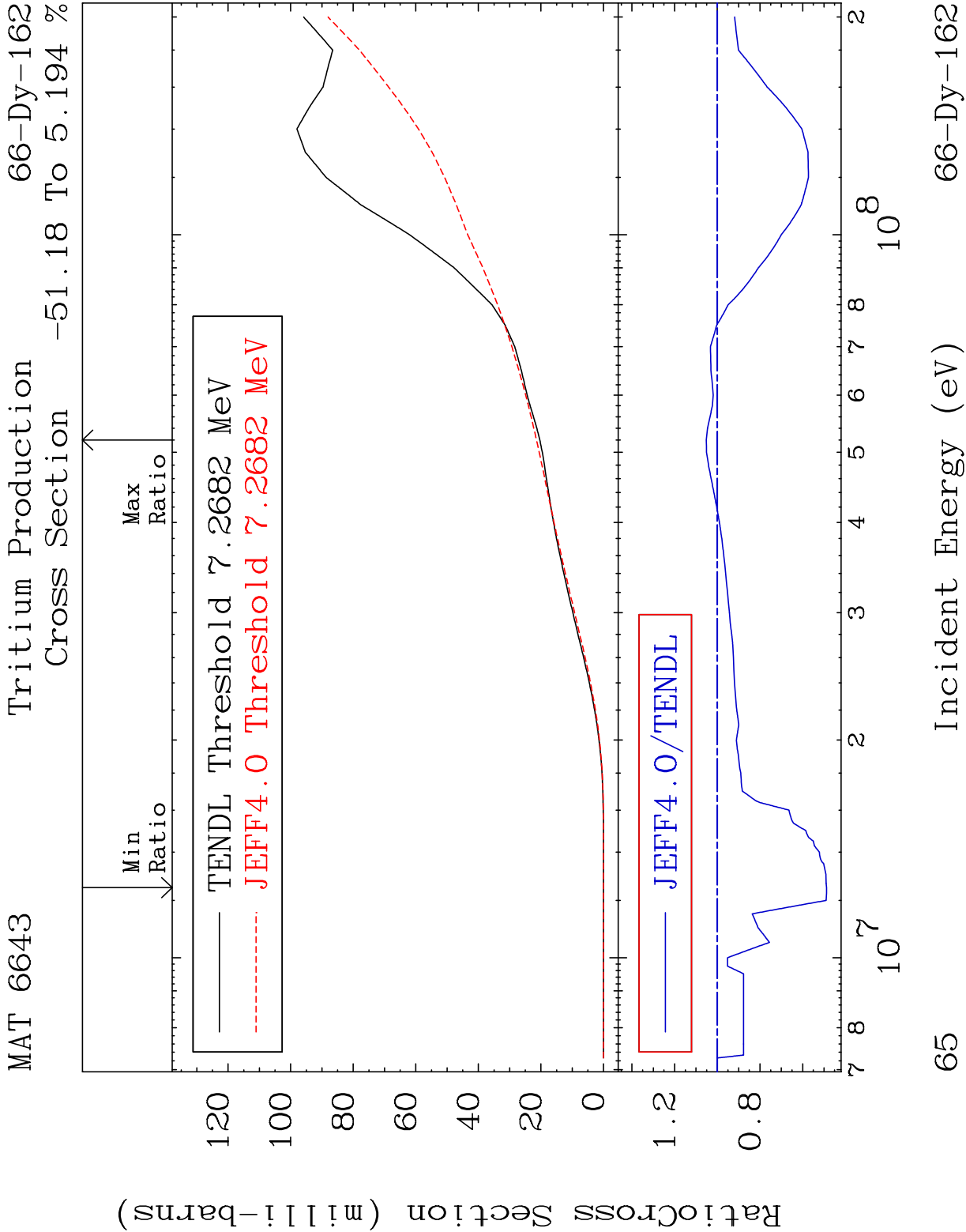
Deuterium Production

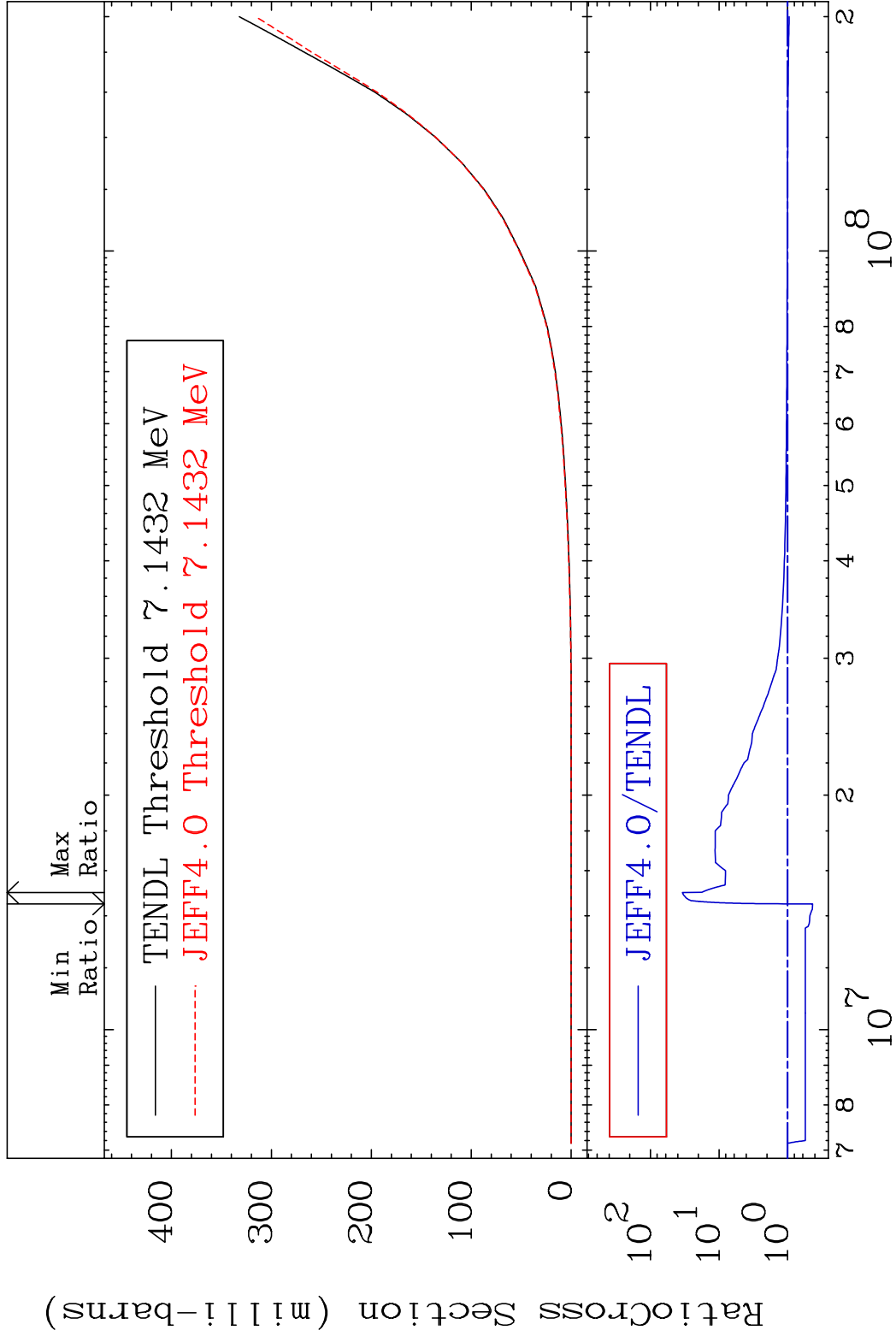
66-Dy-162

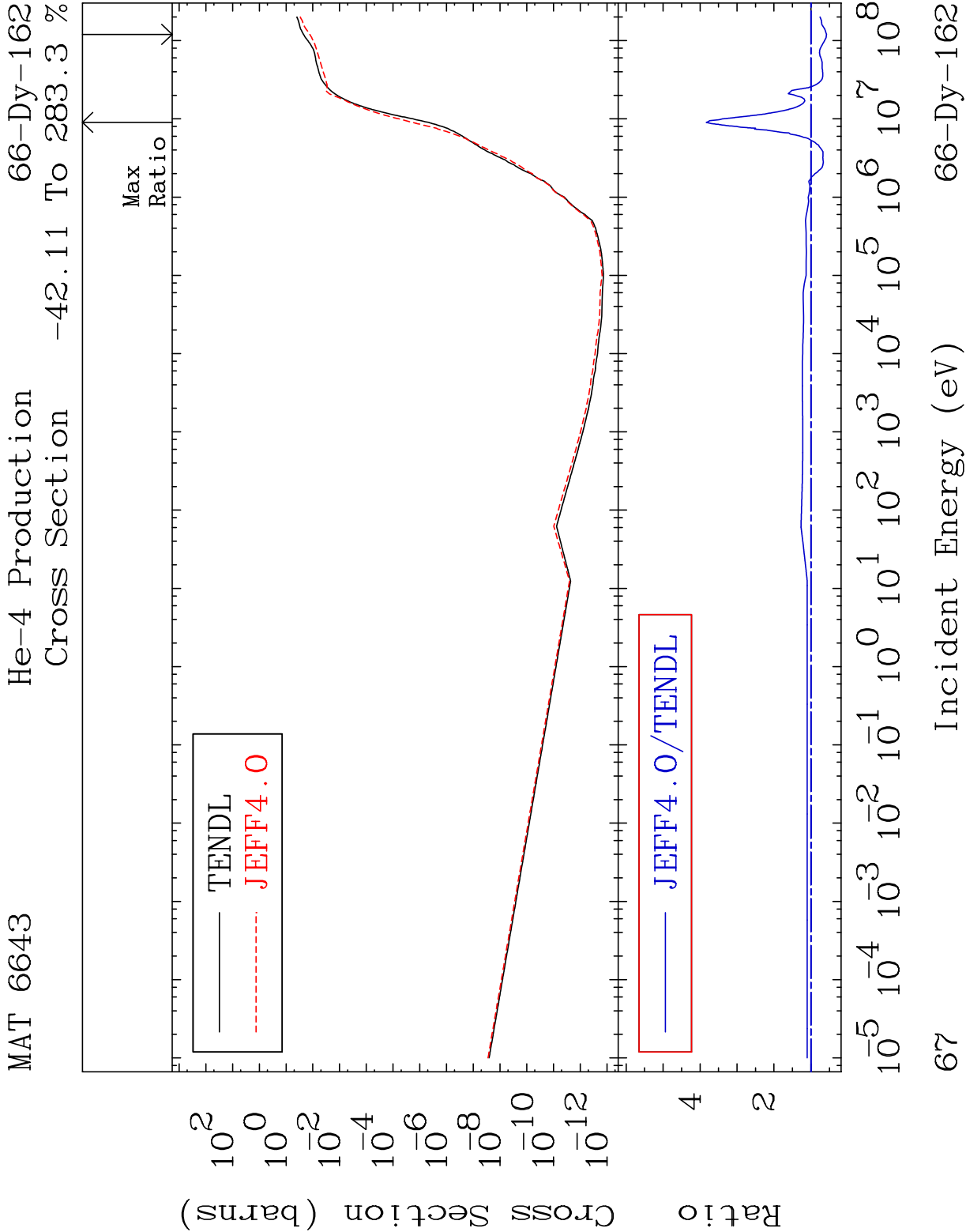
Cross Section

-51.68 To 688.6 %

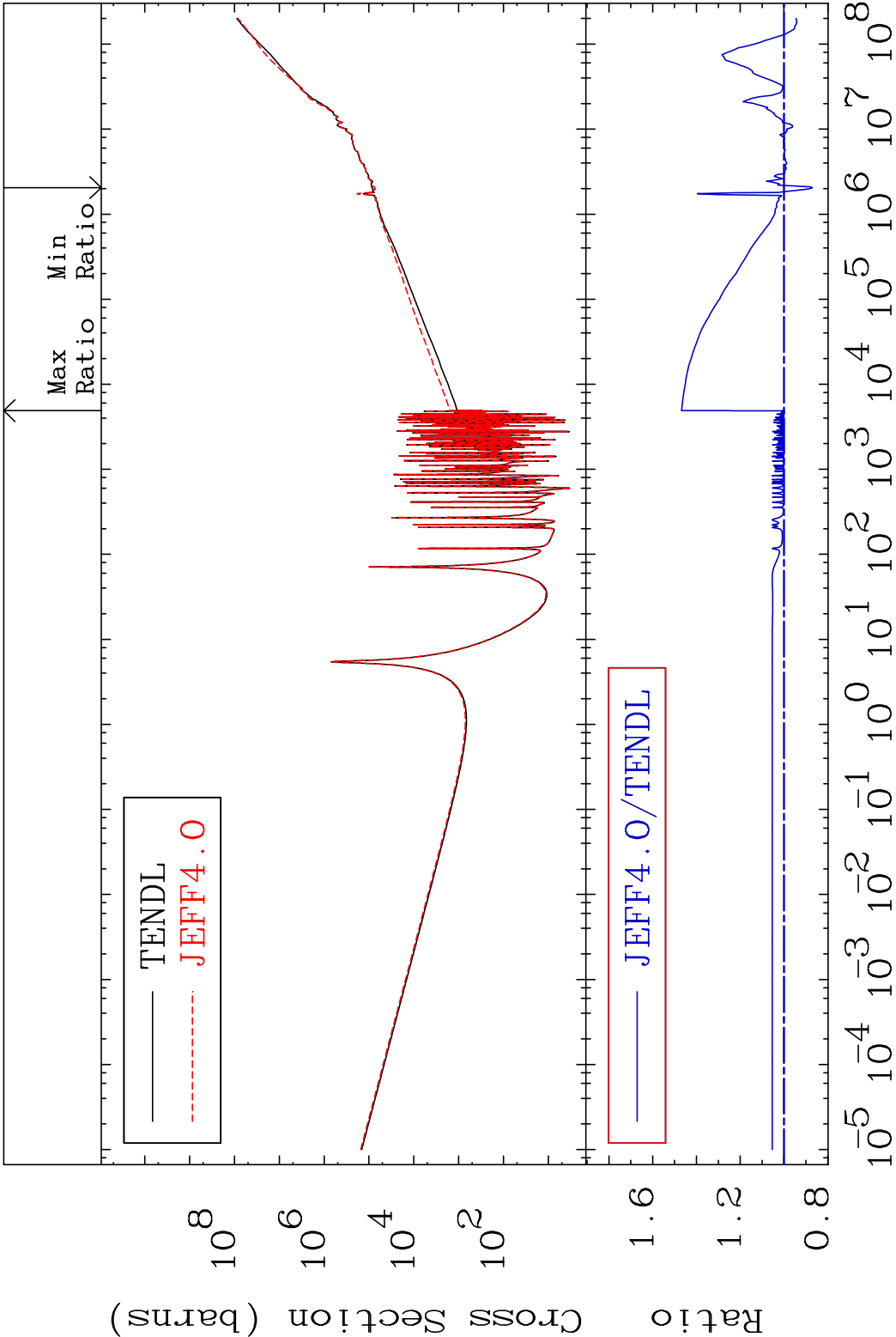








MAT 6643 Kerma total (eV-barns) 66-Dy-162
Cross Section -12.90 To 46.81 %



68 Incident Energy (eV) 66-Dy-162

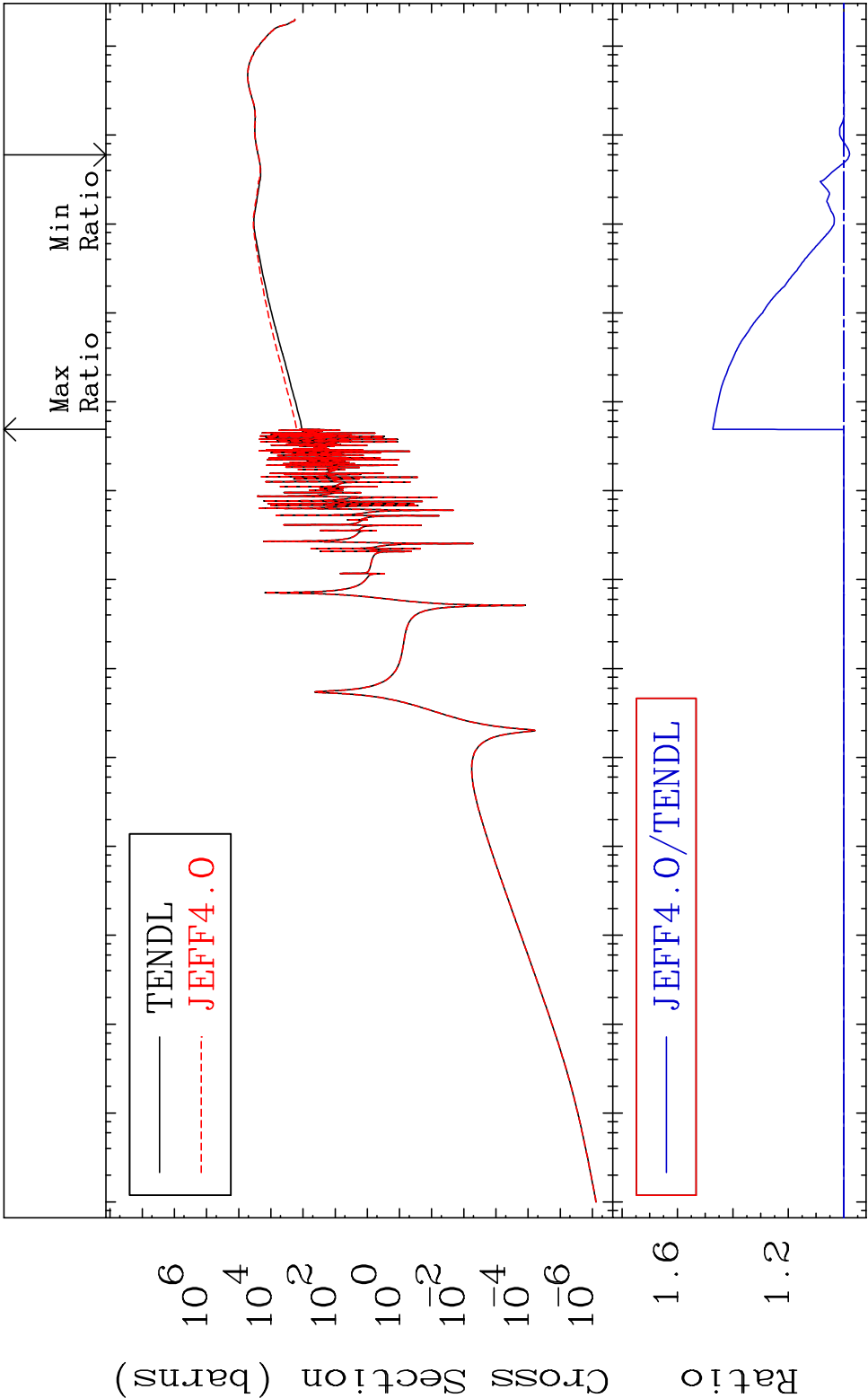
MAT 6643

Kerma elastic

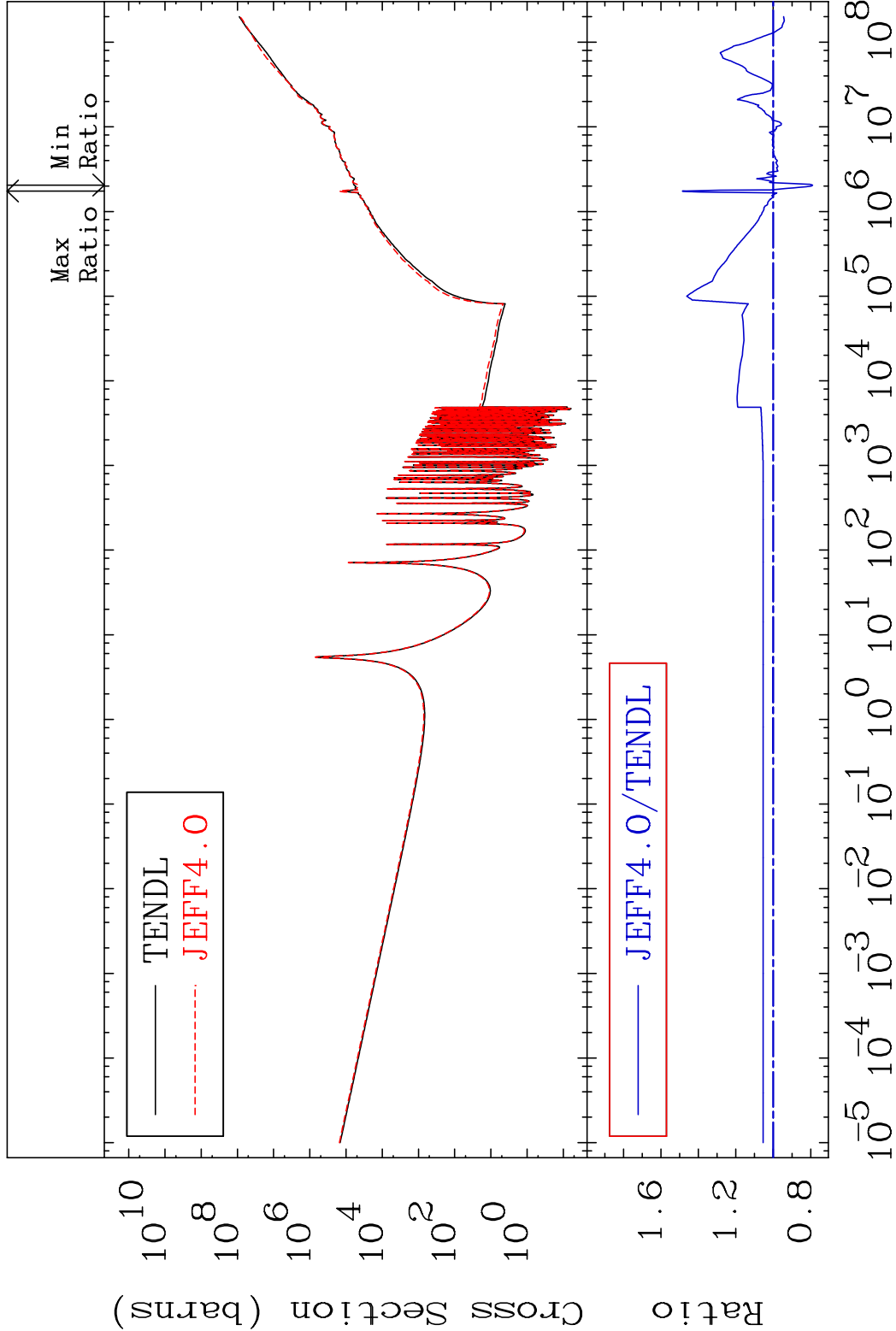
Cross Section

66-Dy-162

-2.046 To 47.26 %



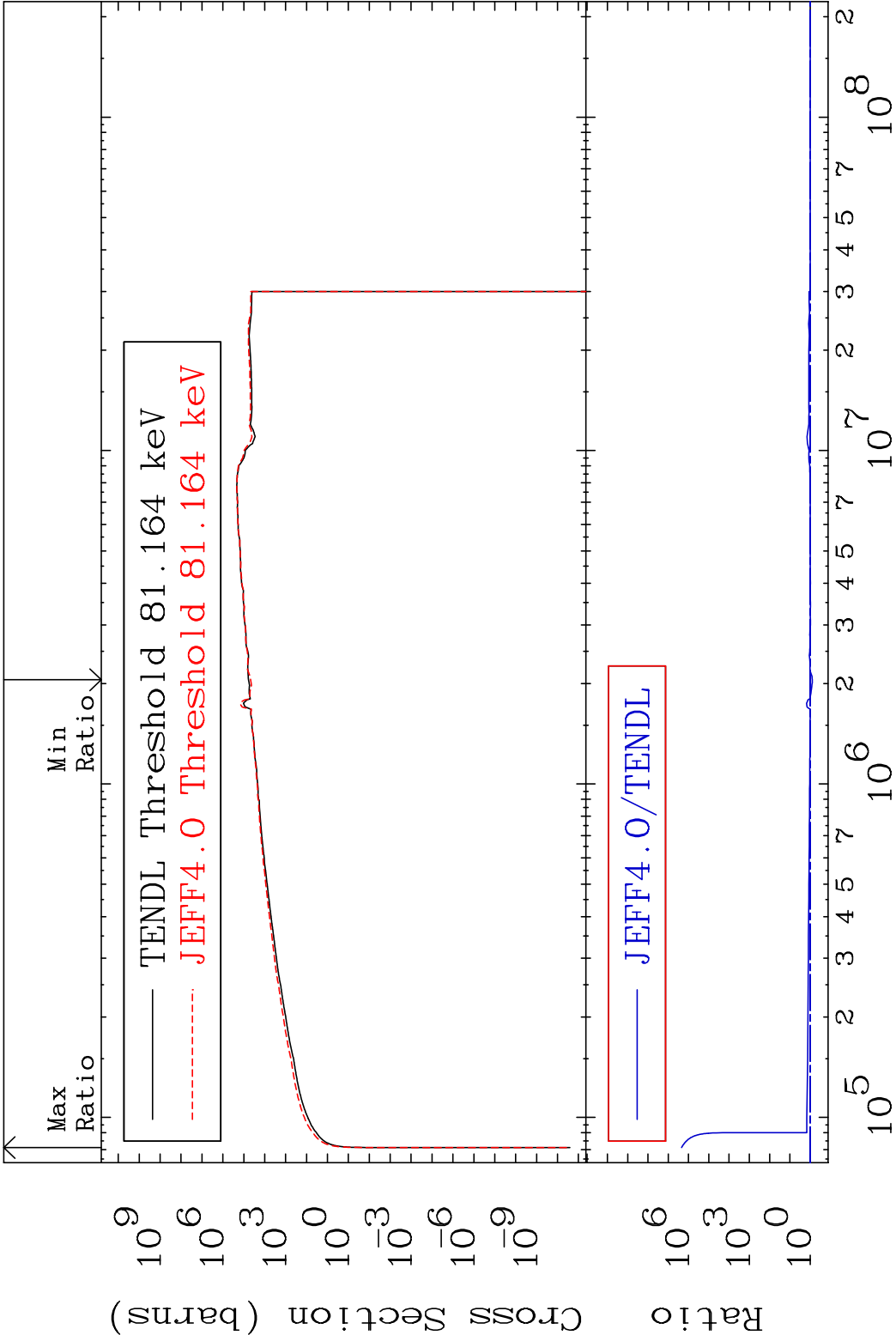
MAT 6643 Kerma non-elastic (all but mt2) 66-Dy-162
Cross Section -21.01 To 48.60 %



70 Incident Energy (eV) 66-Dy-162

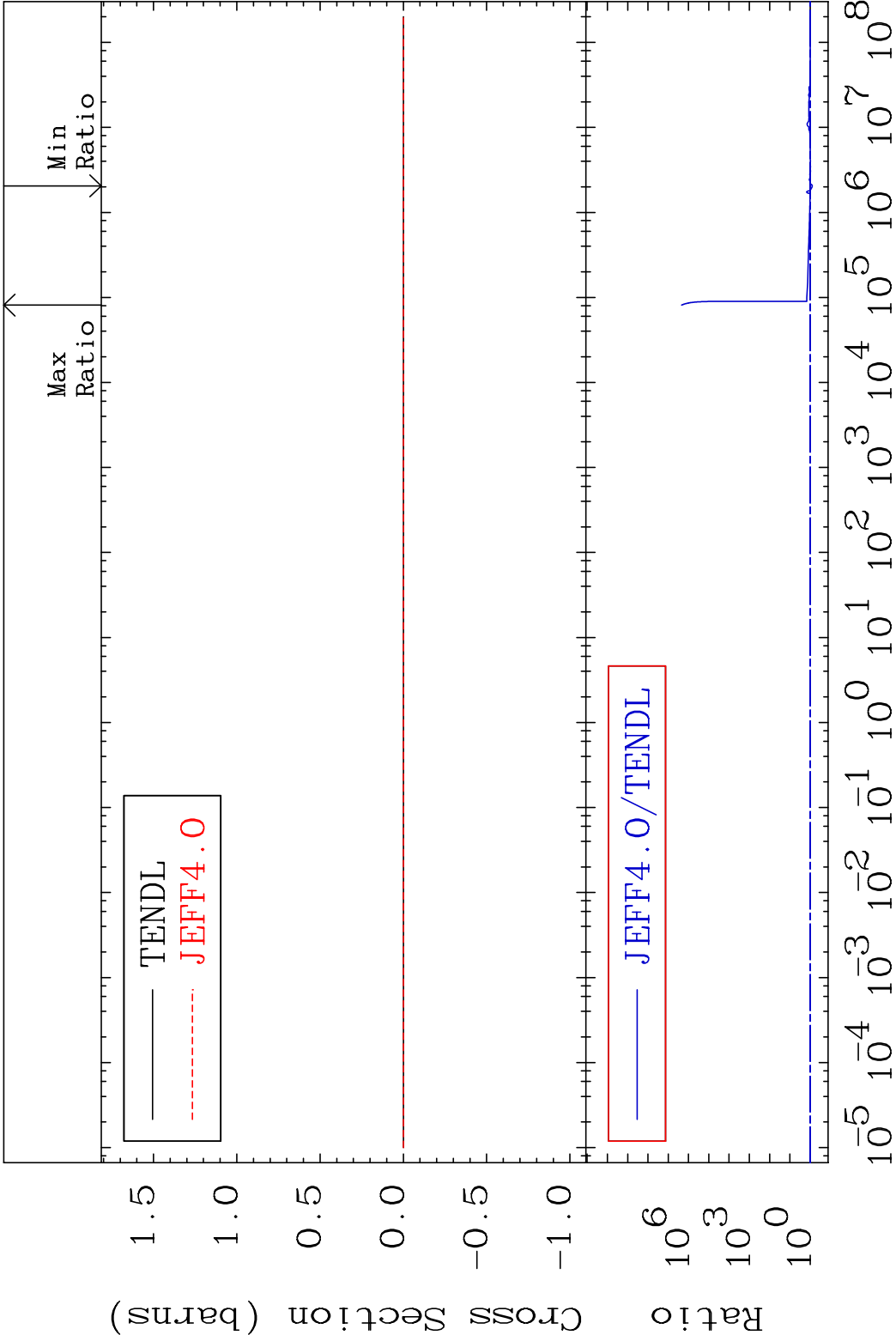
MAT 6643 Kerma inelastic (mt51-91) 66-Dy-162

Cross Section -21.00 To 9999. %

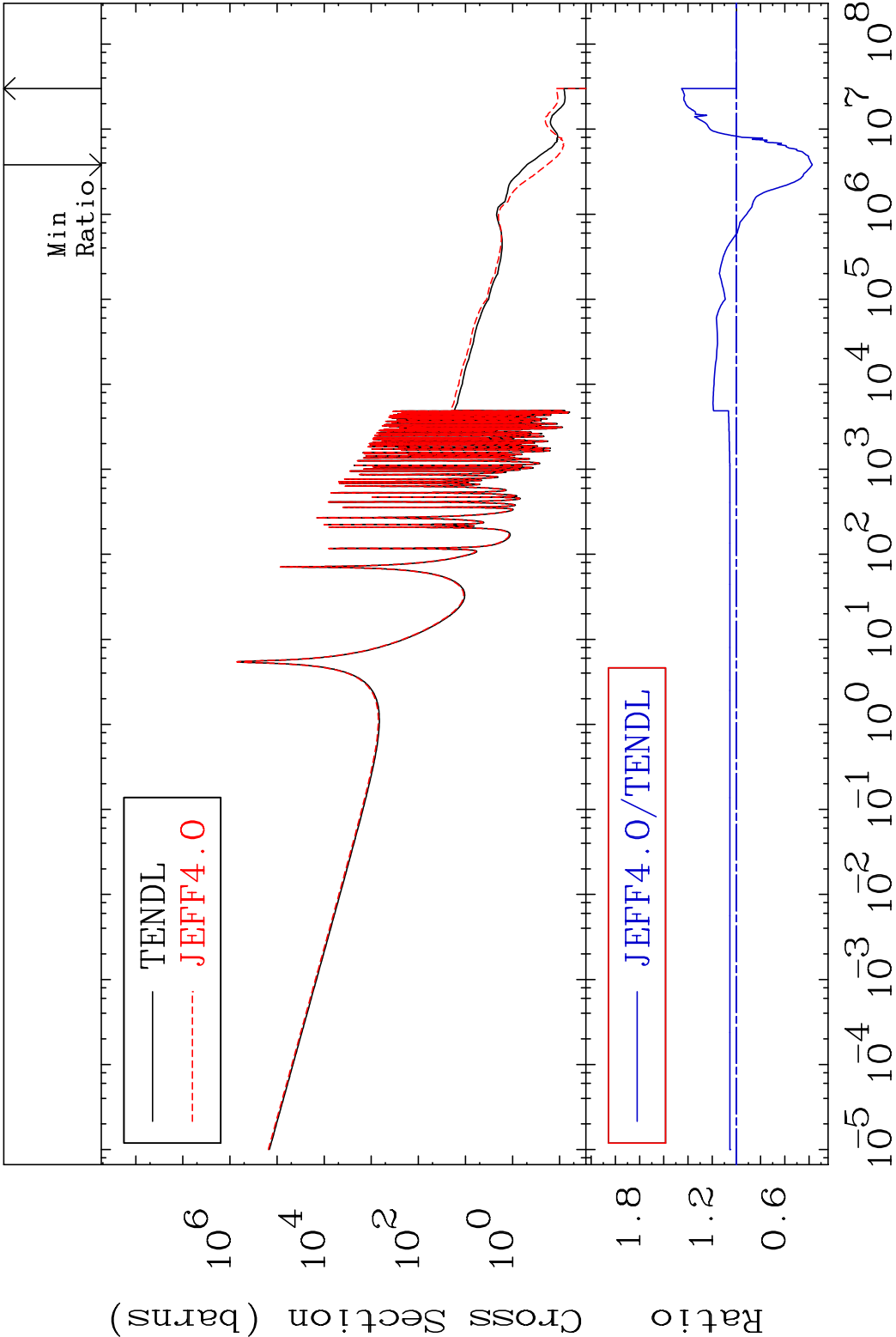


71 Incident Energy (eV) 66-Dy-162

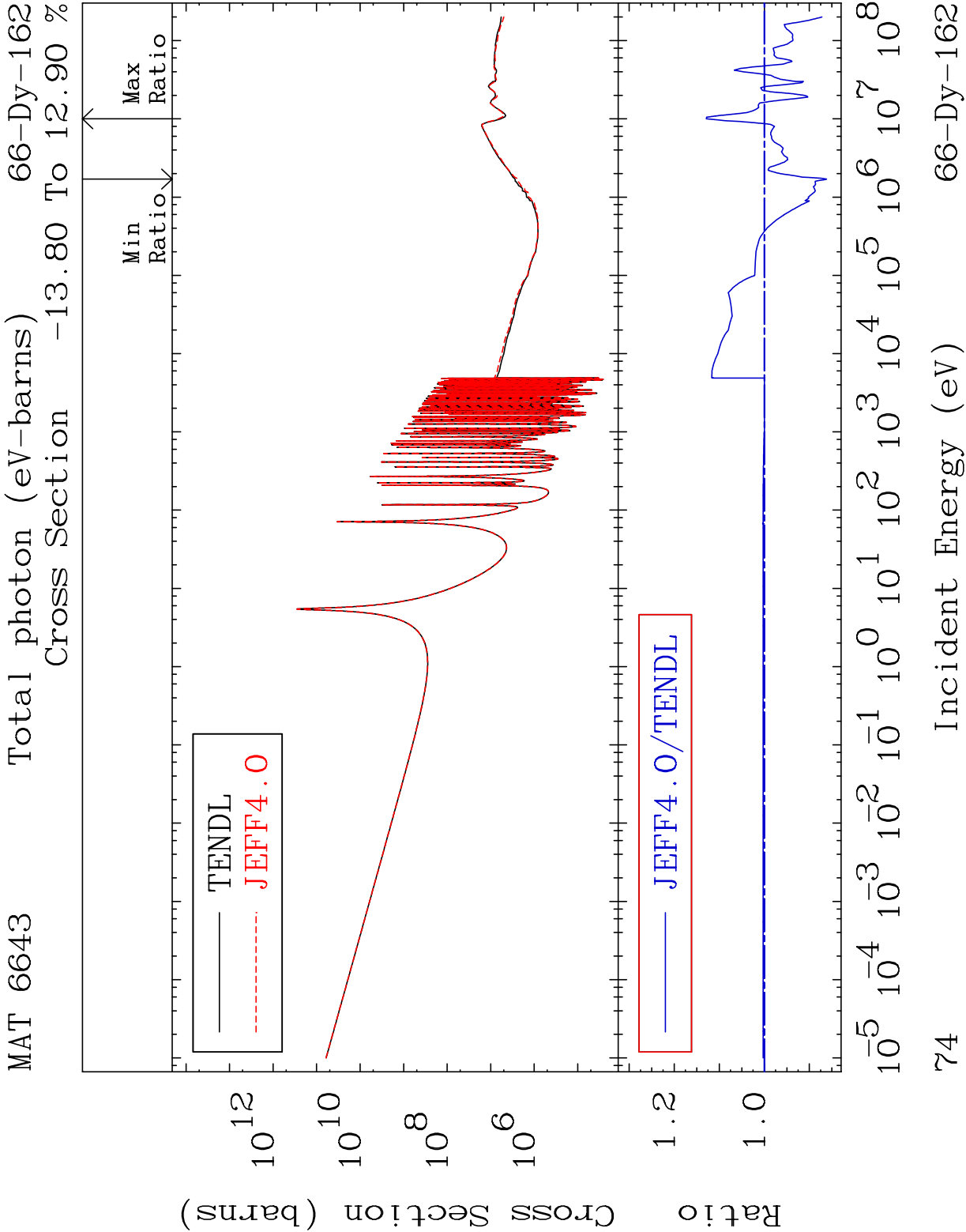
MAT 6643Kerma fission (mt18 or mt19-20-21-38)66-Dy-162
Cross Section -21.00 To 9999. %



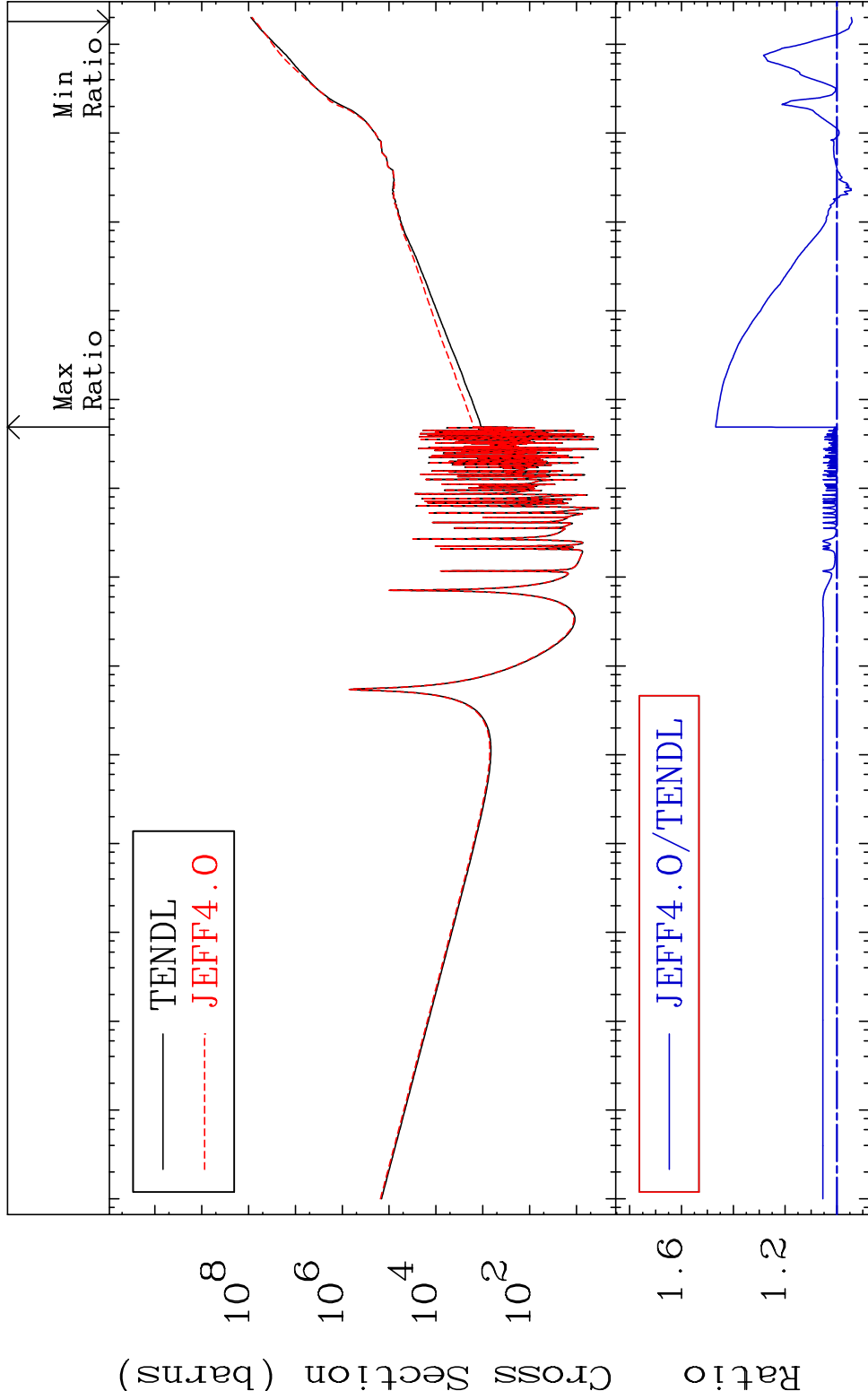
MAT 6643 Kerma capture (mt102) 66-Dy-162
 Cross Section -62.68 To 45.35 %



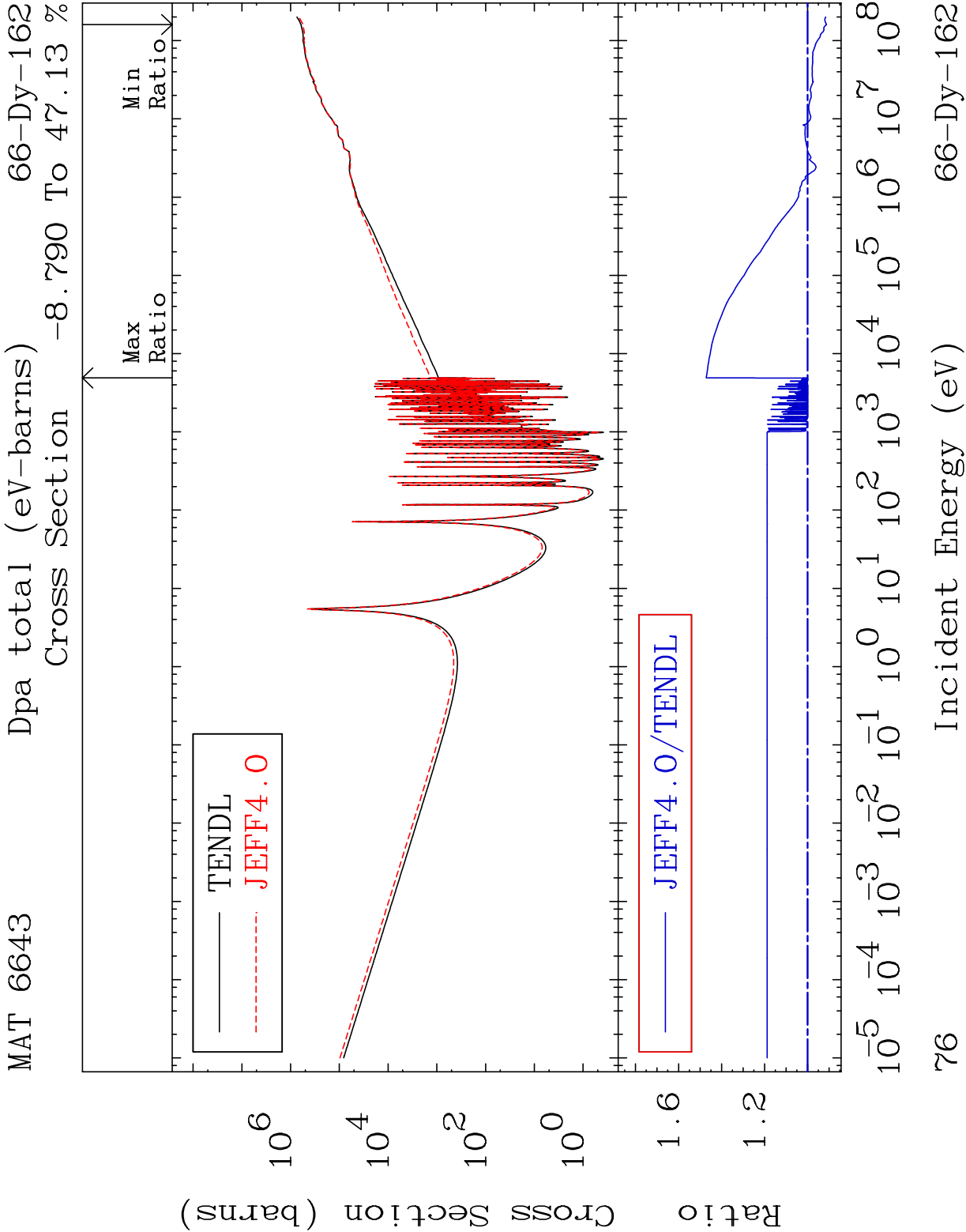
73 Incident Energy (eV) 66-Dy-162

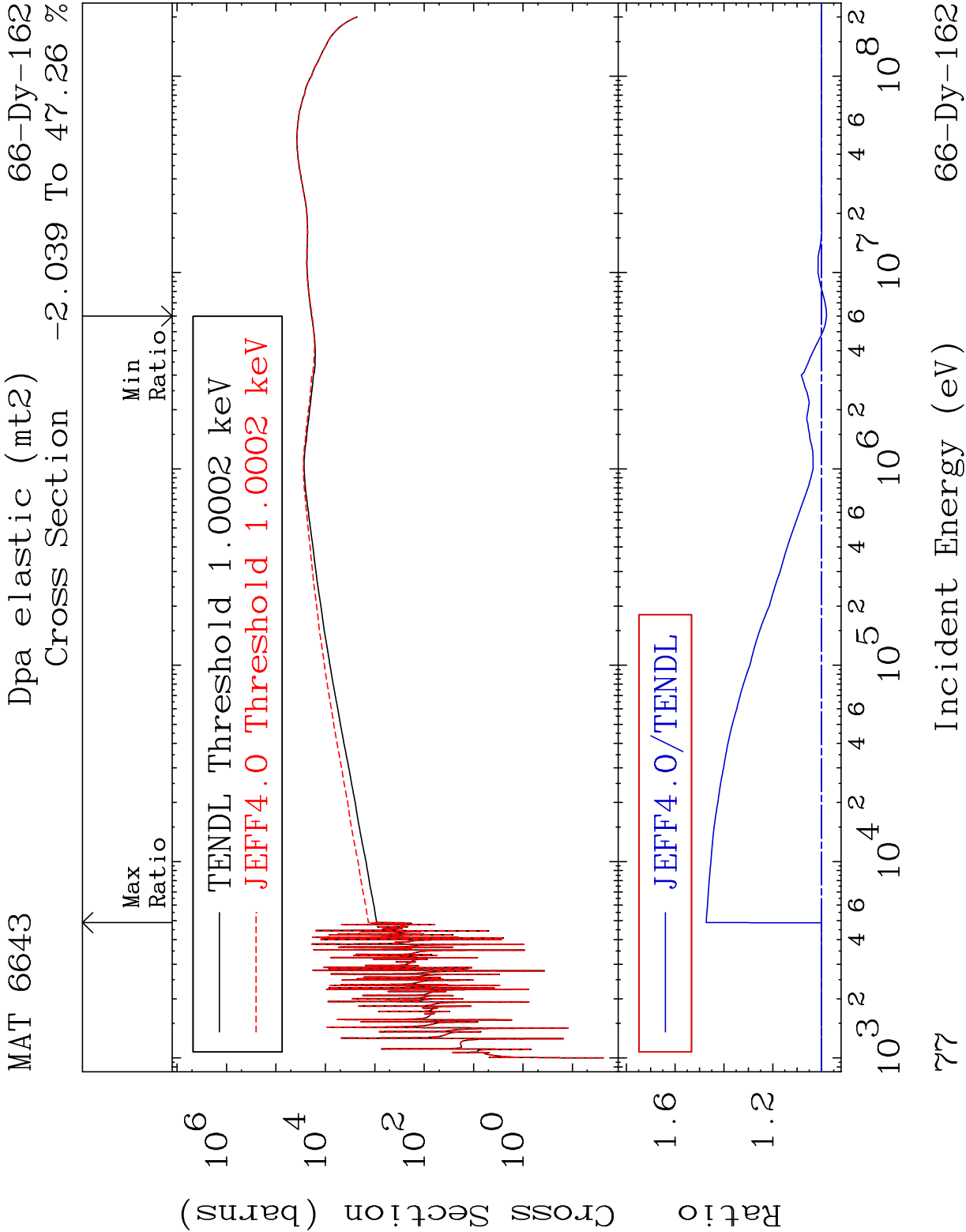


MAT 6643 Total kinematic kerma (high limit) 66-Dy-162
Cross Section -5.908 To 46.81 %

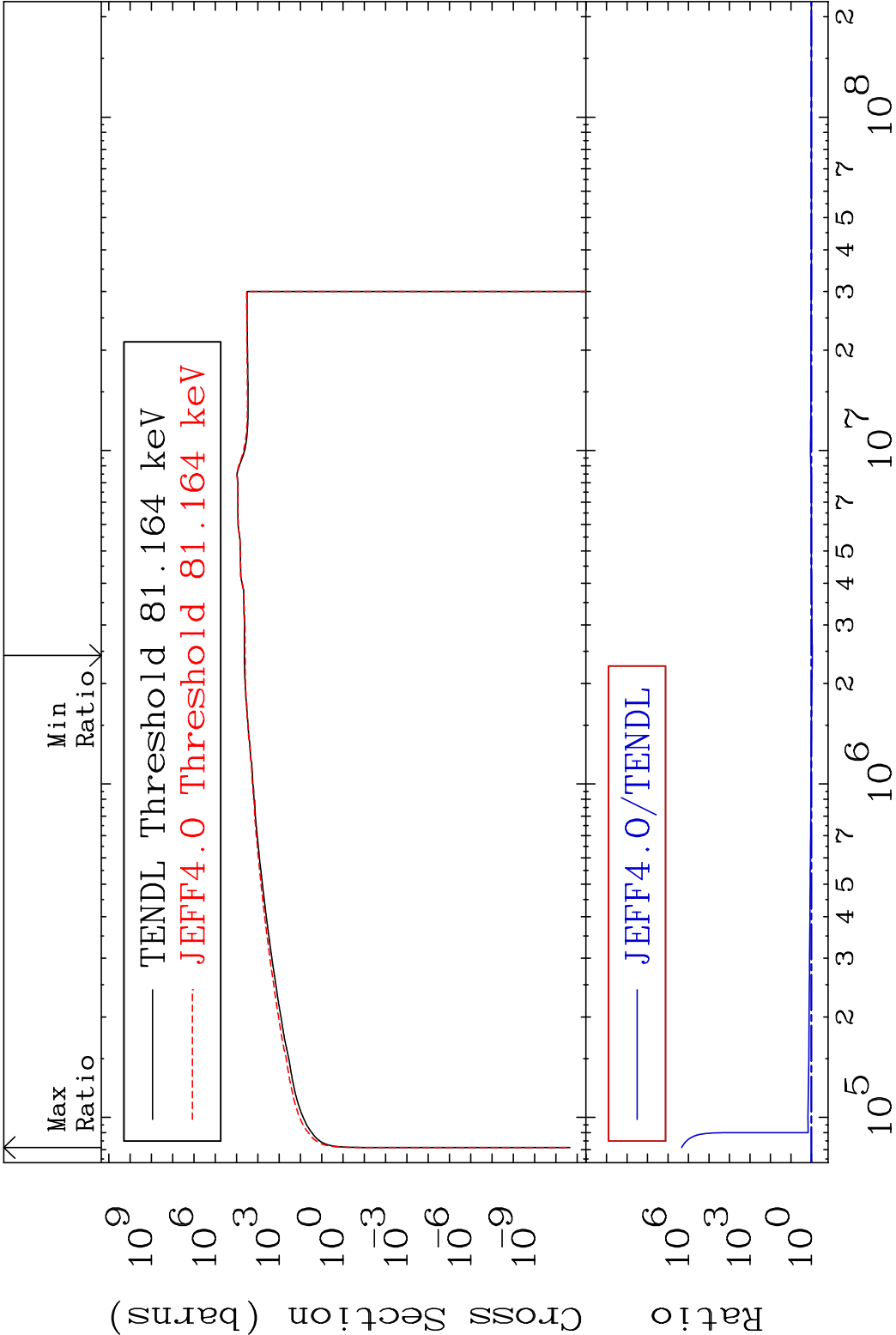


75 Incident Energy (eV) 66-Dy-162





MAT 6643 Dpa inelastic (mt51-91) 66-Dy-162
Cross Section -8.243 To 9999. %

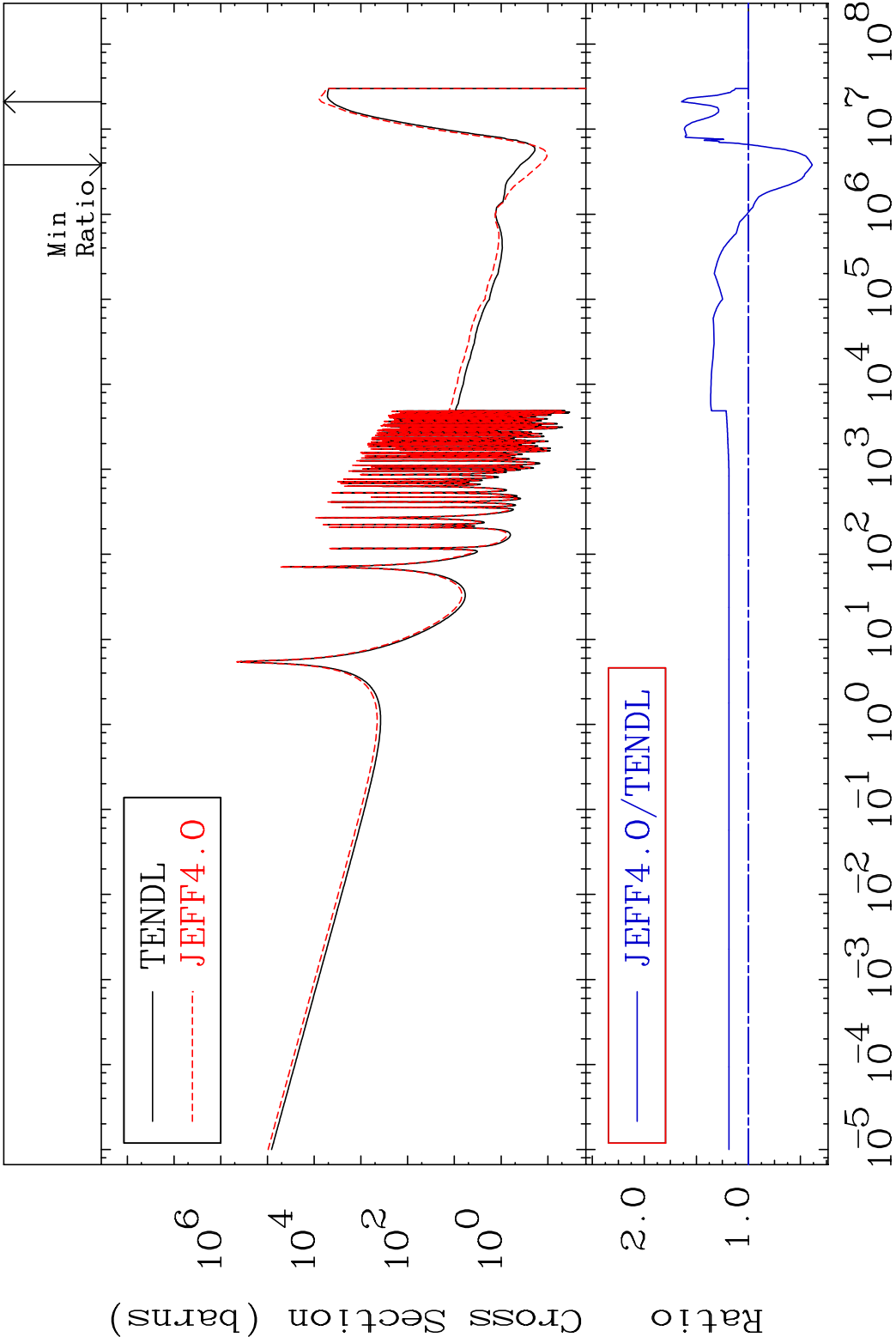


78

Incident Energy (eV)

66-Dy-162

MAT 6643 Dpa disappearance (mt102 -120) 66-Dy-162
Cross Section -61.31 To 64.25 %



79 Incident Energy (eV) 66-Dy-162