

Program Complot
(Version 2021-1)

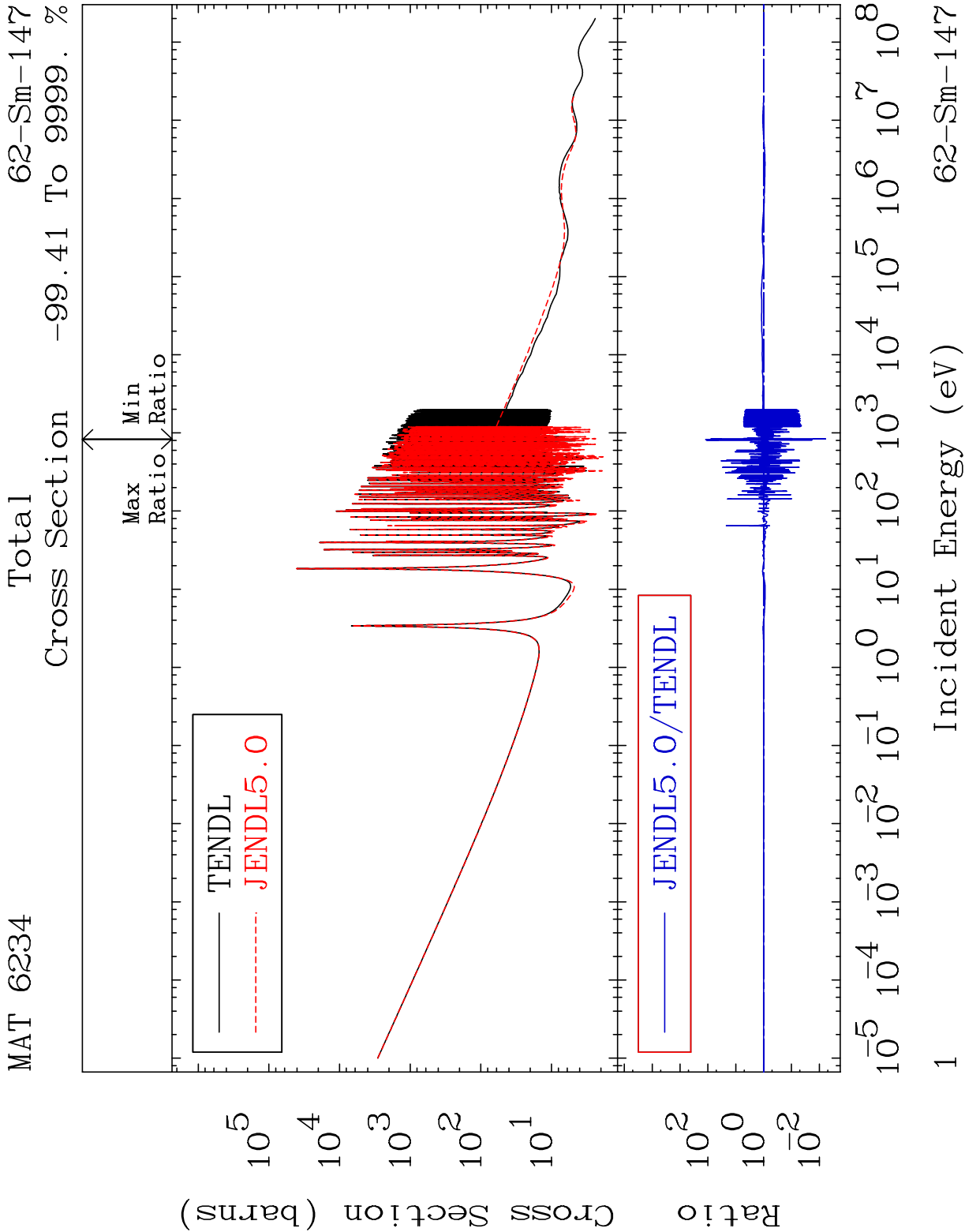
by

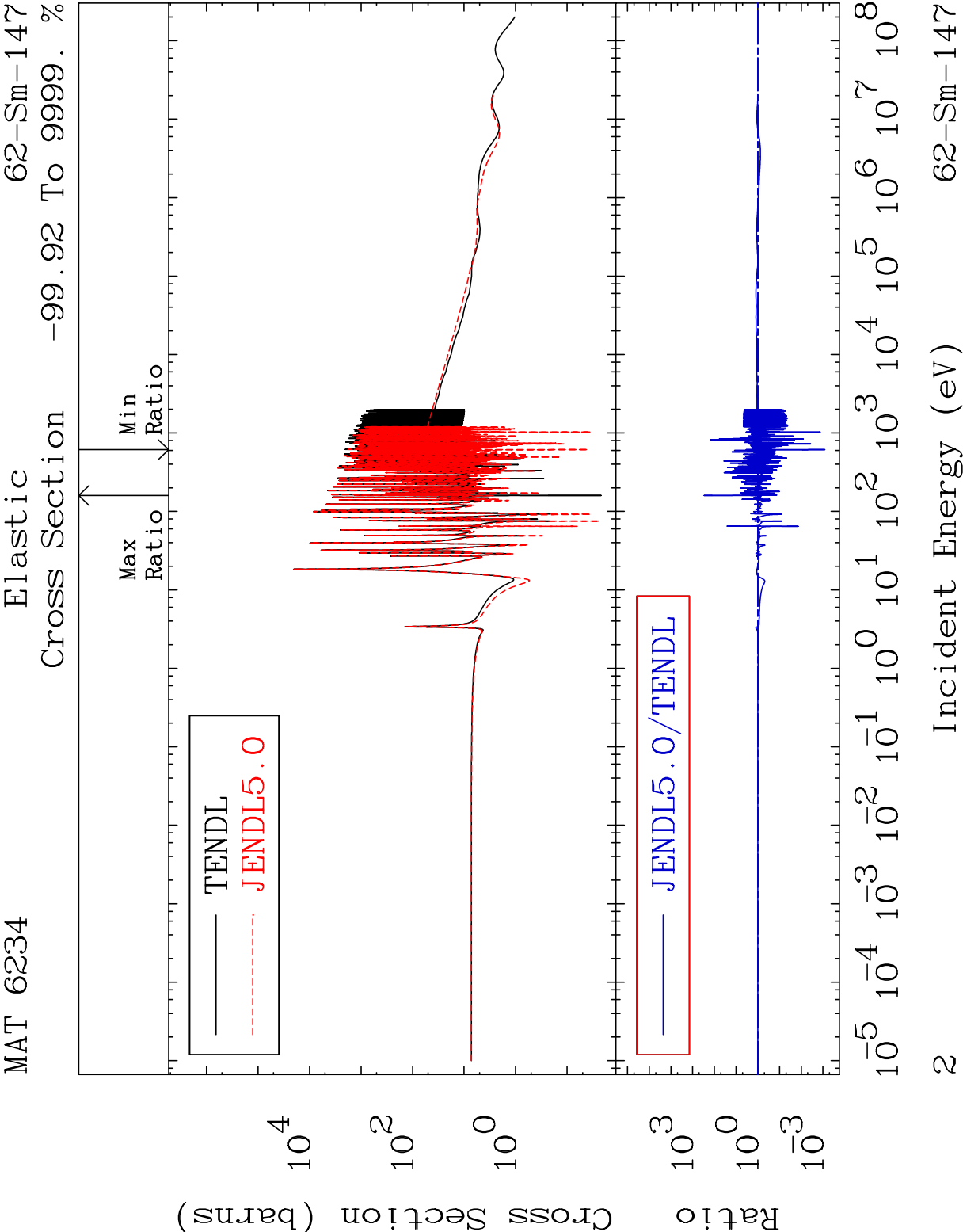
Dermott E. Cullen
(Present Contact Information)

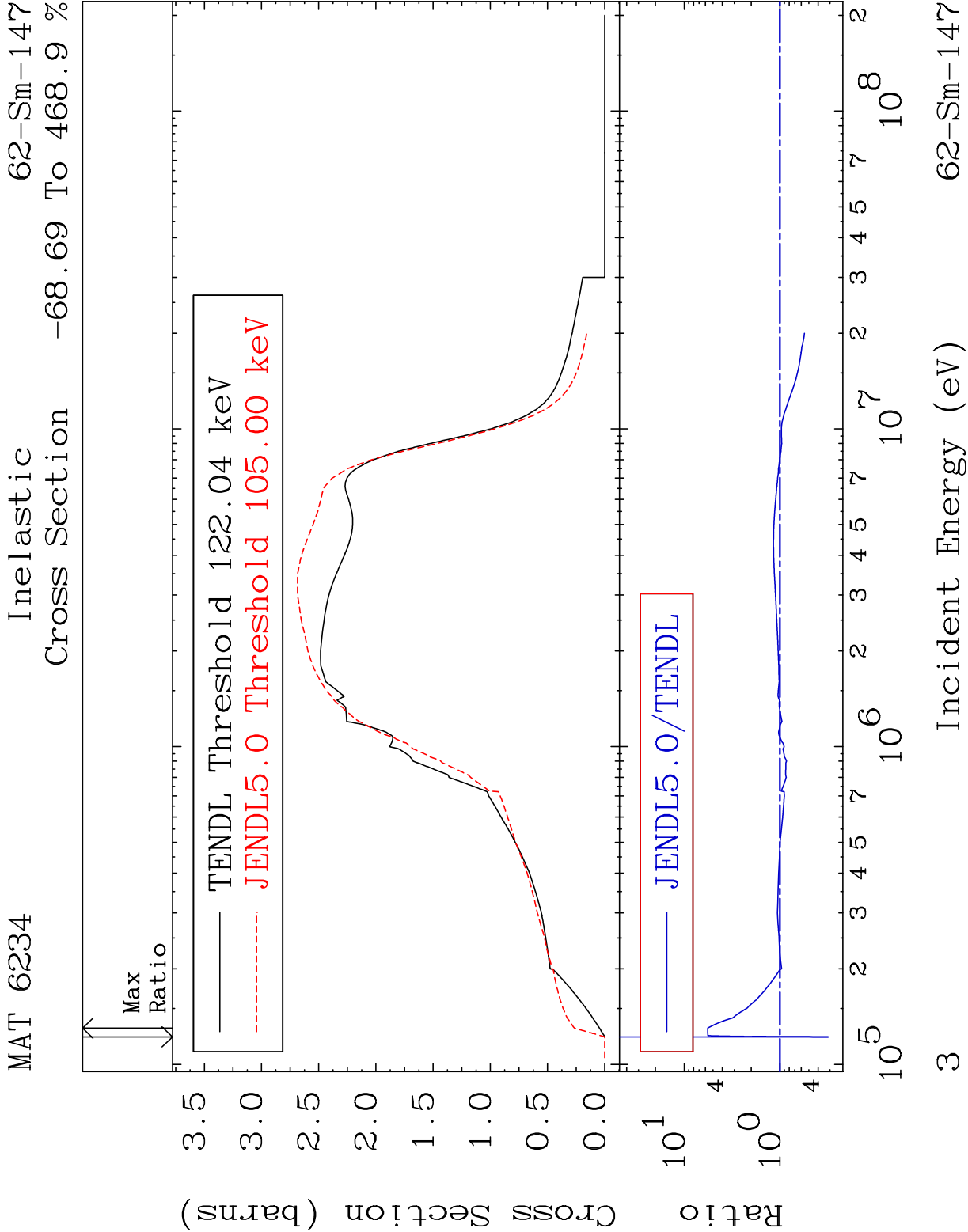
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
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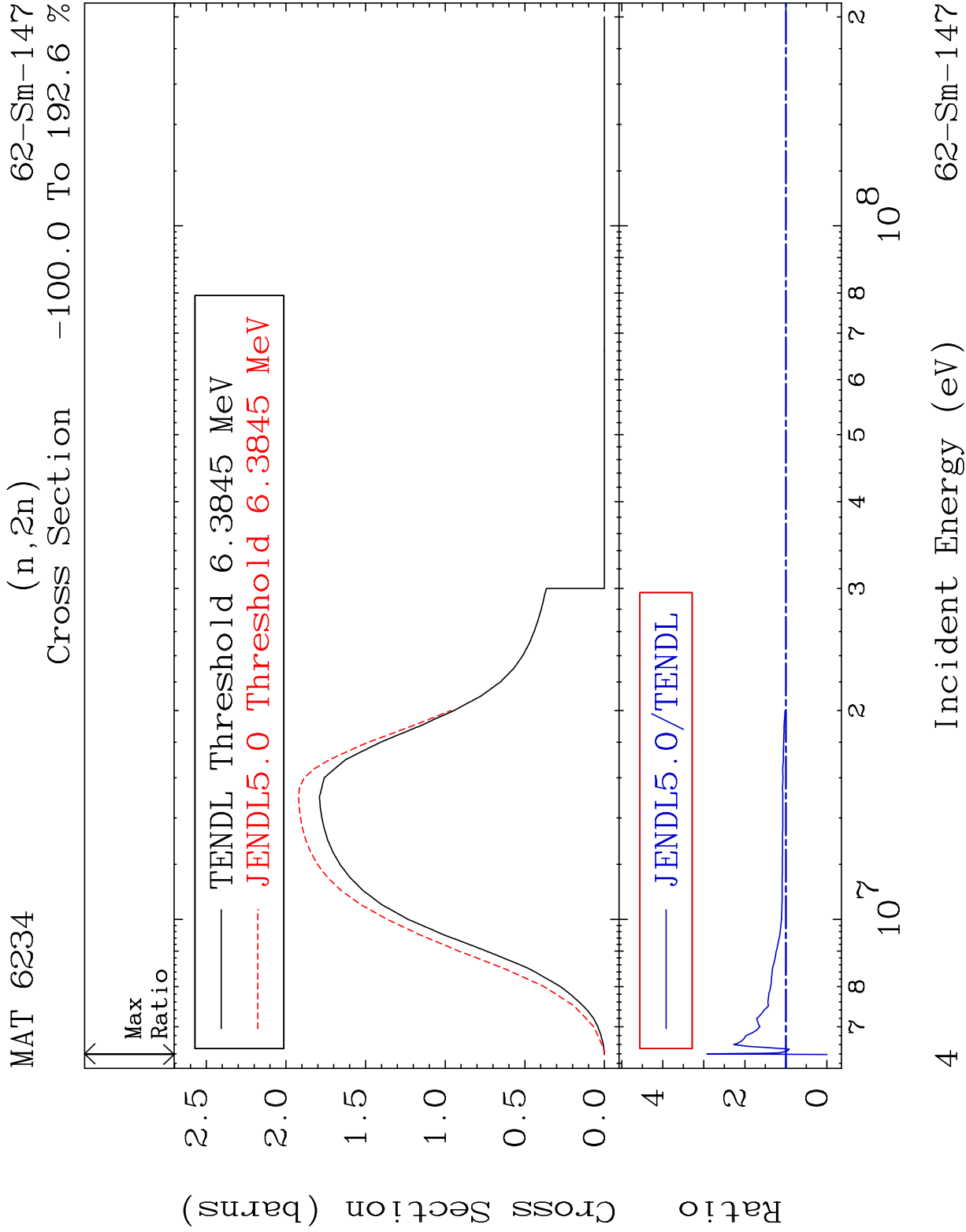
Press Mouse Button to Start

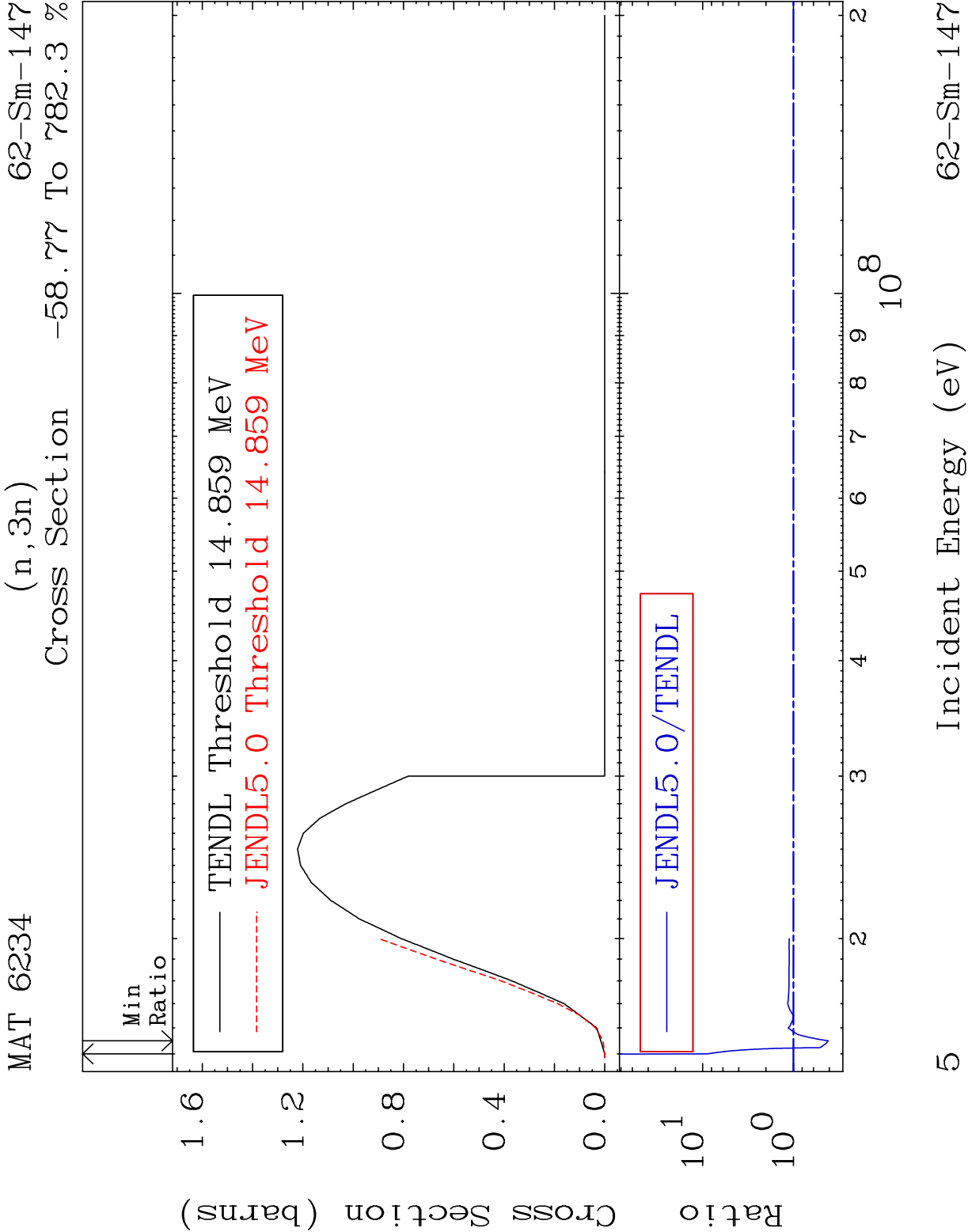


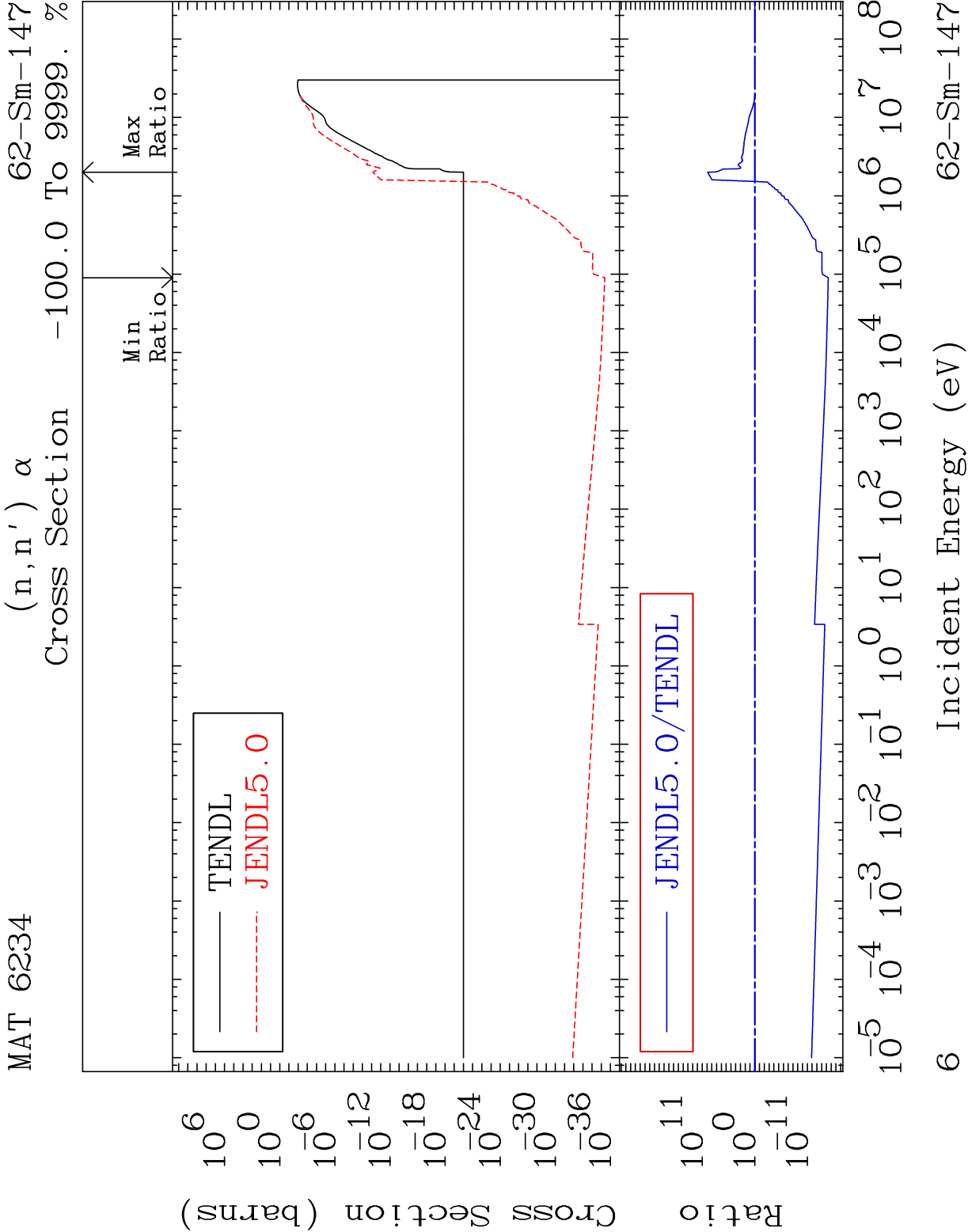


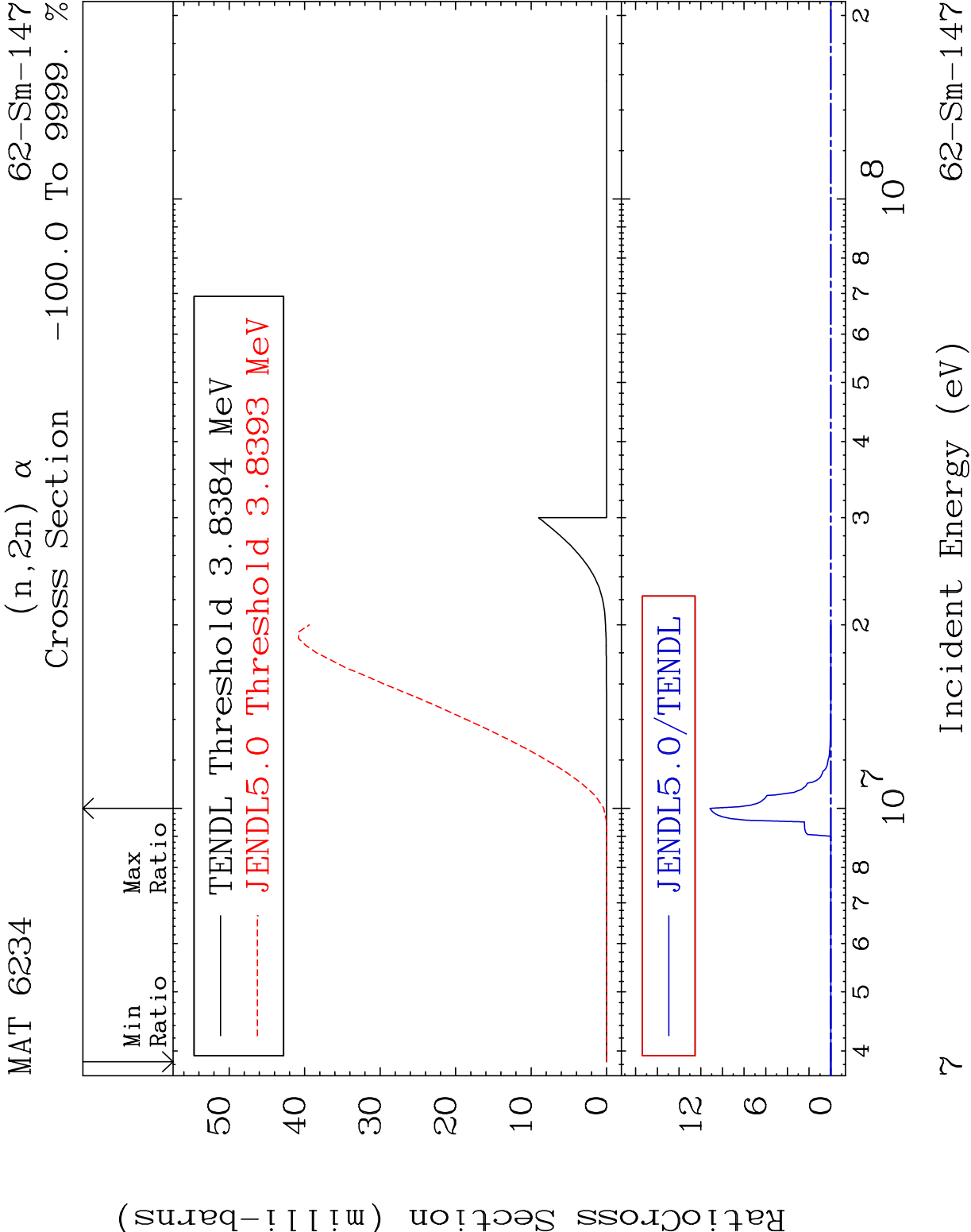


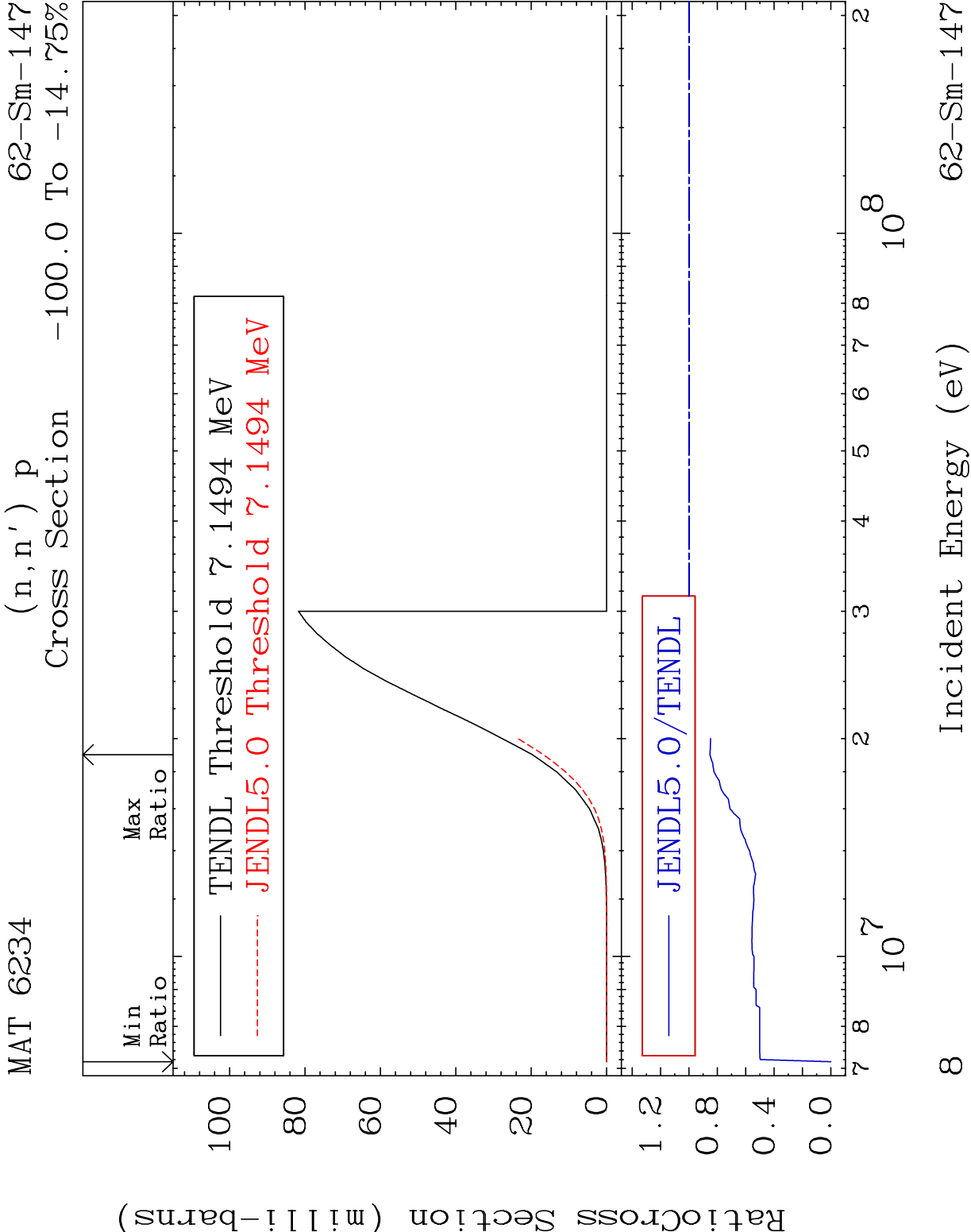
62-Sm-147

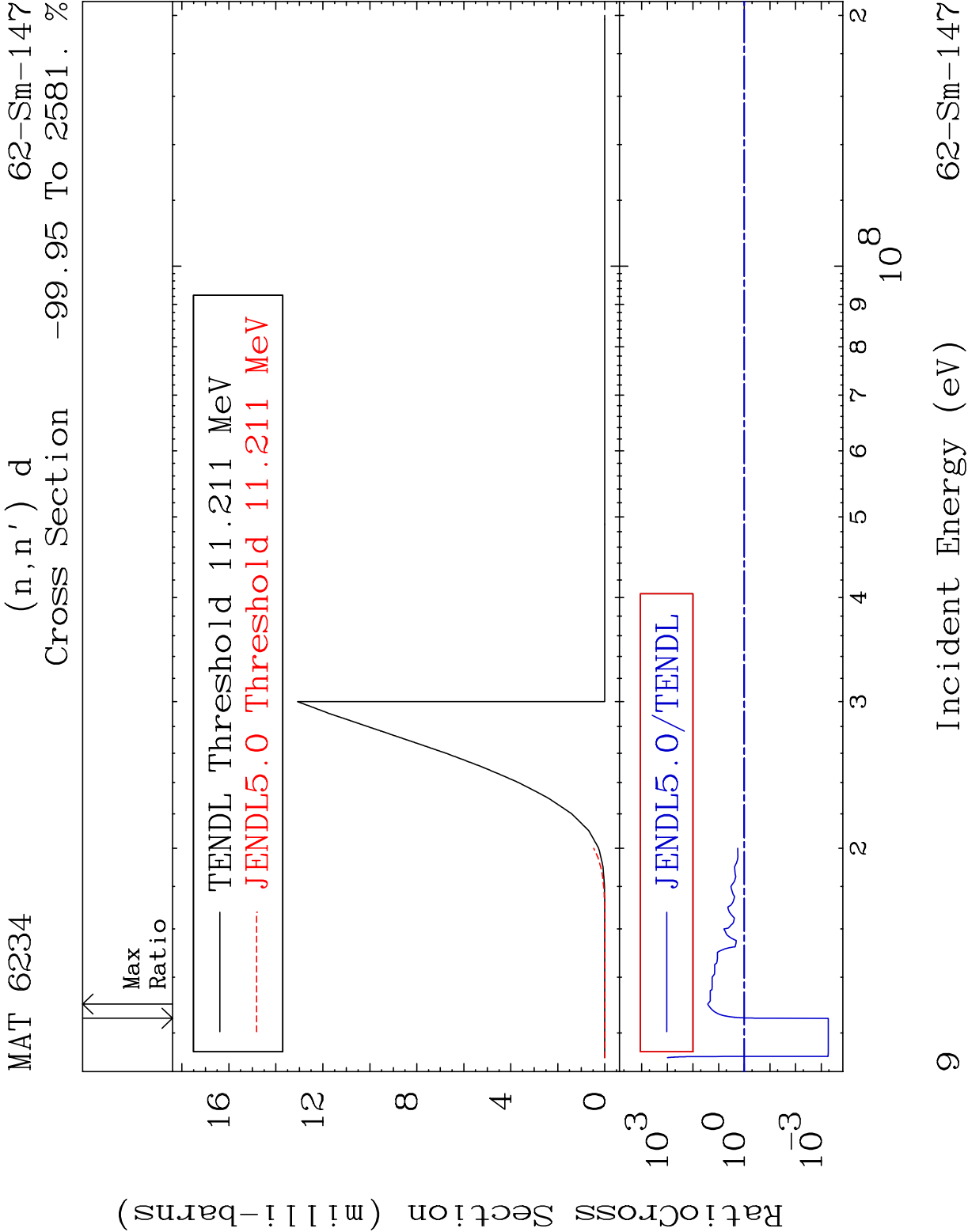










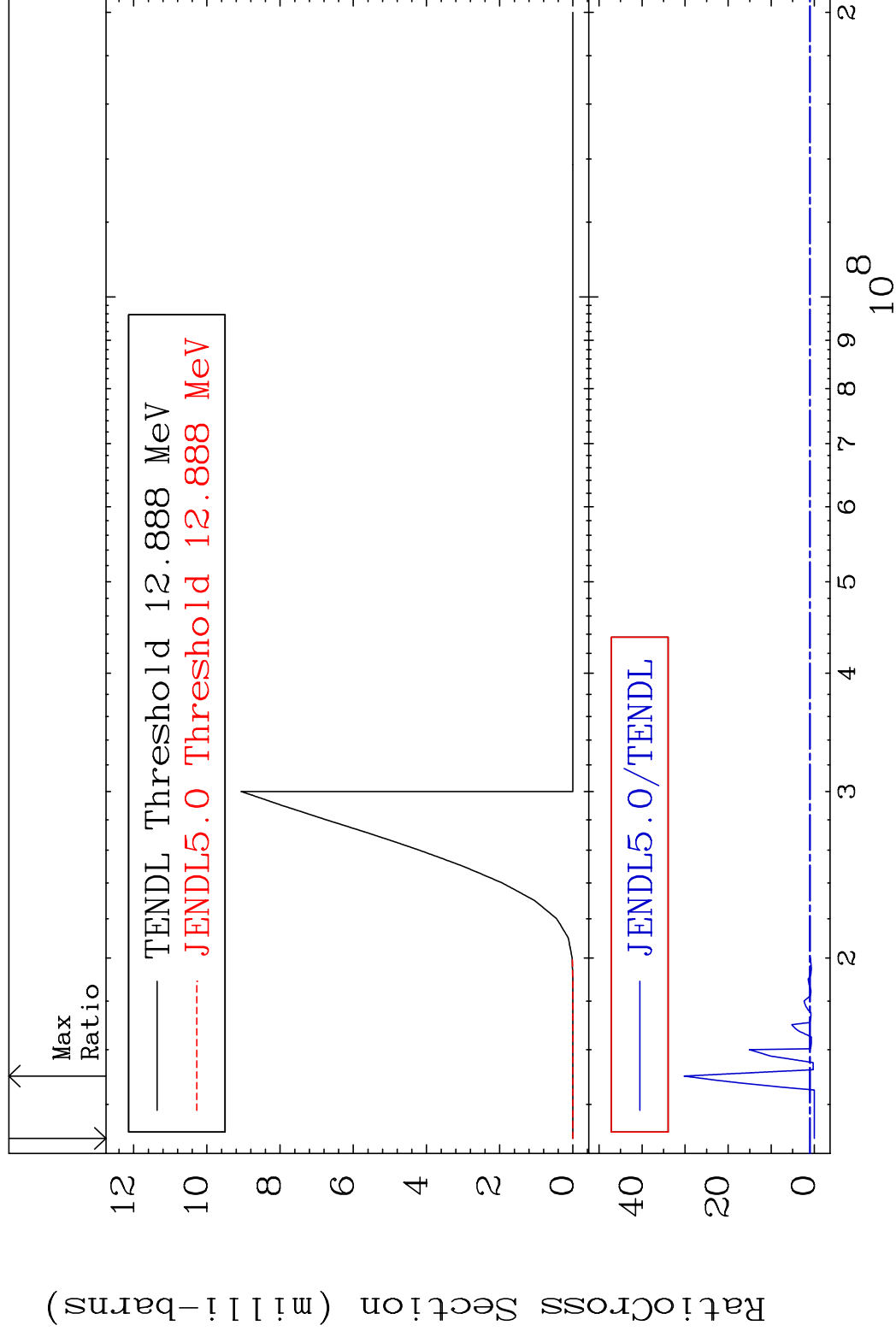


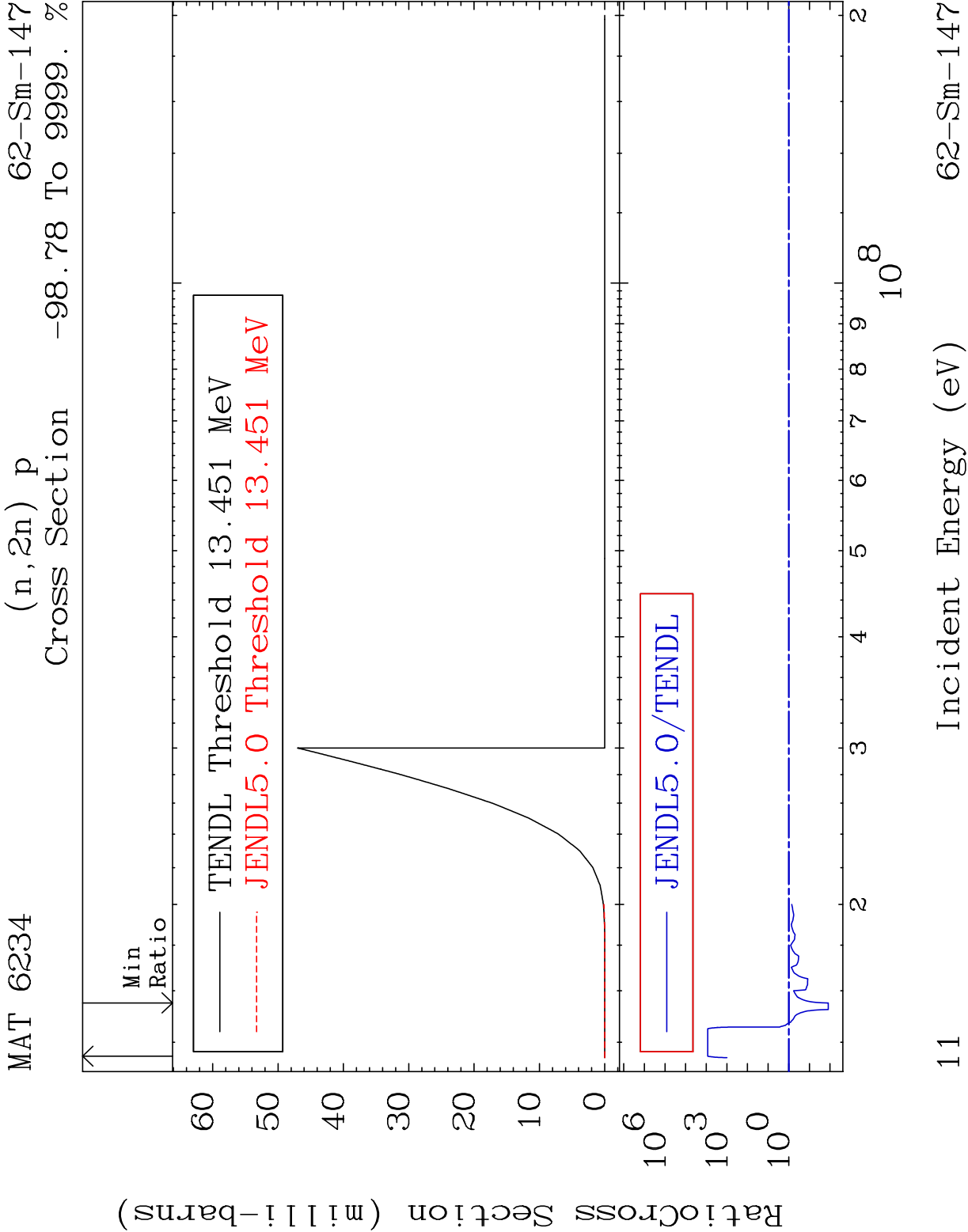
MAT 6234

$$(n, n')t$$

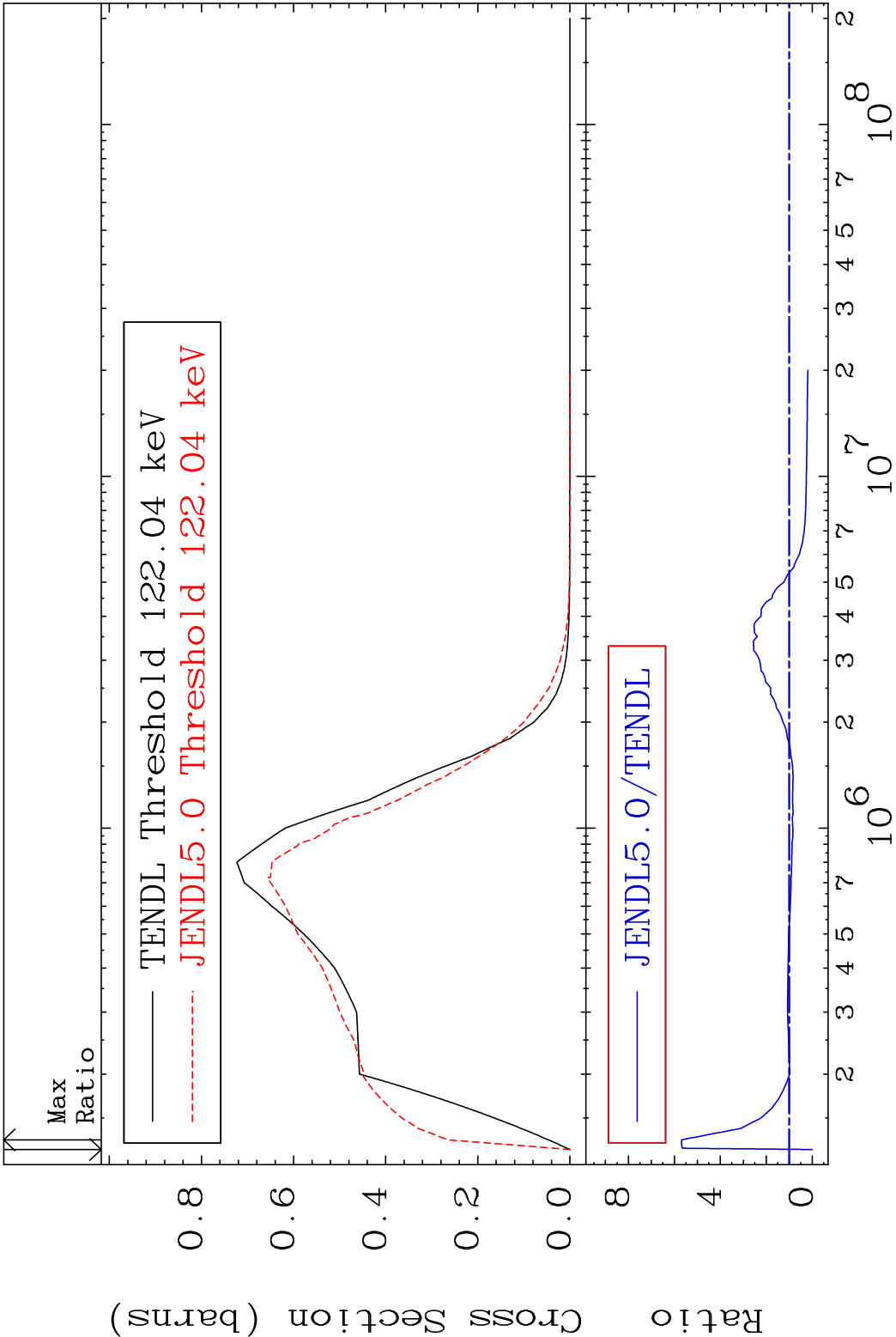
62-Sm-147

Cross Section	-100.0 To 2924. %

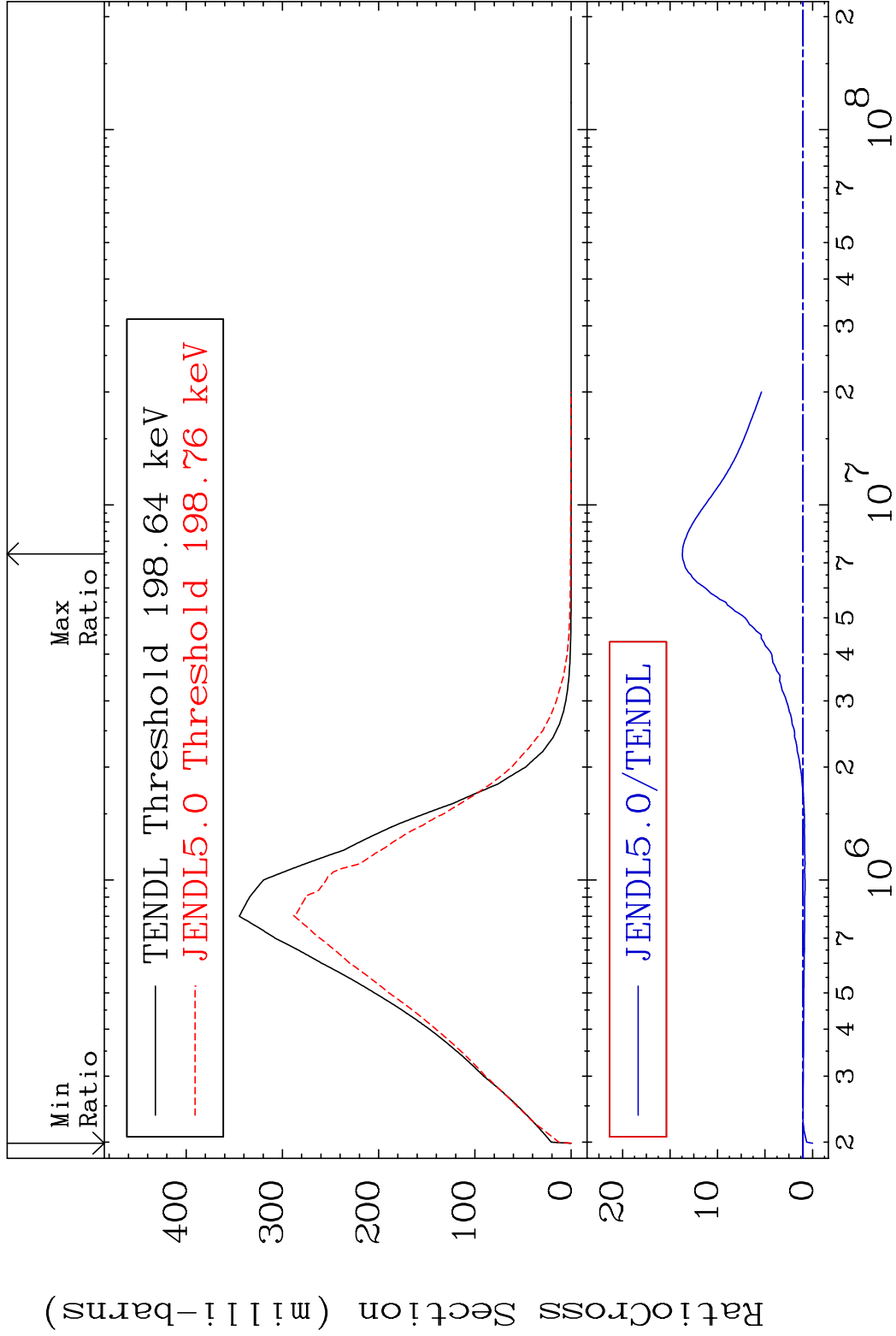




MAT 6234 MT= 51 (n,n') Level 62-Sm-147
 Cross Section -100.0 To 468.8 %

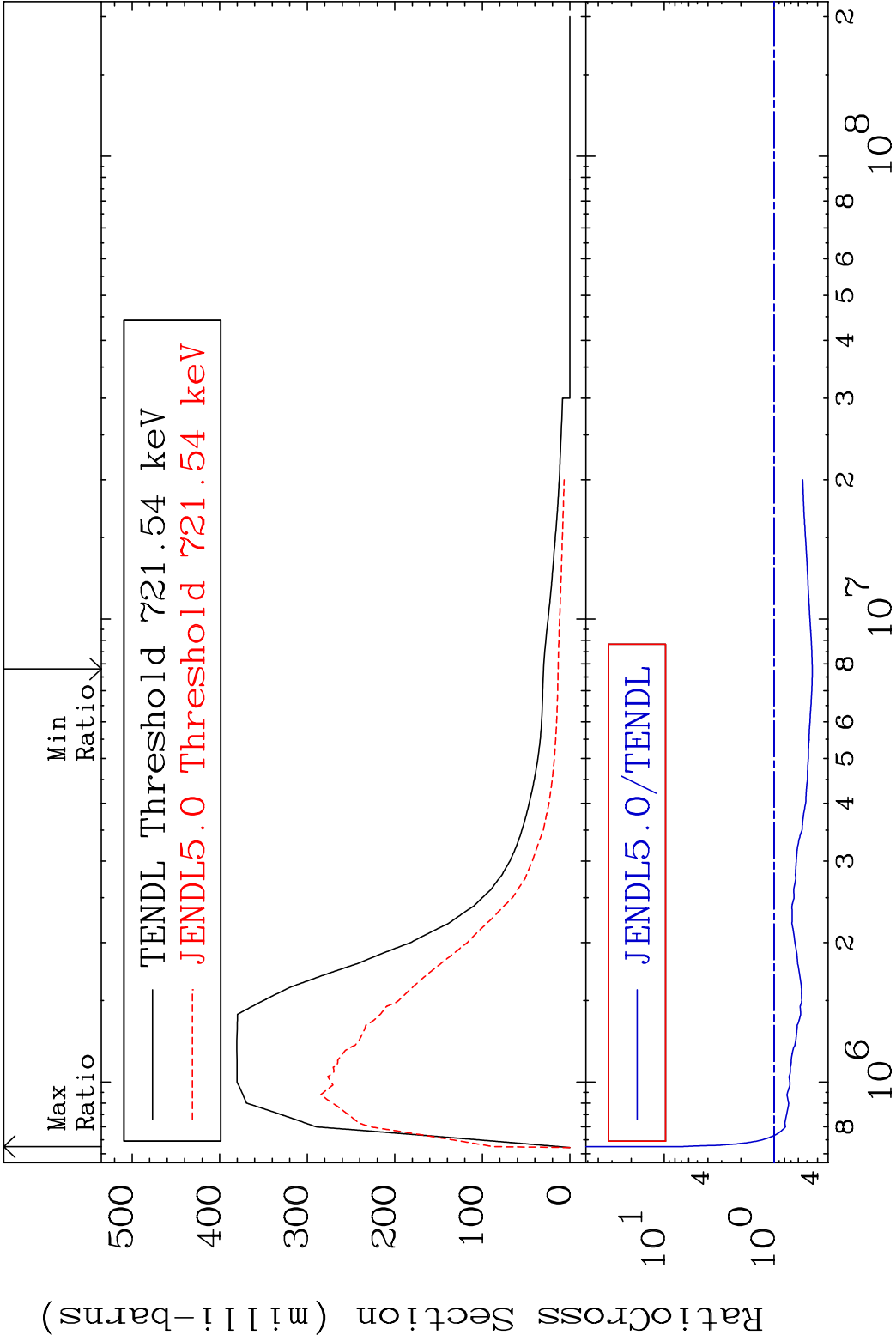


MAT 6234 MT= 52 (n,n') Level 62-Sm-147
Cross Section -100.0 To 1271. %



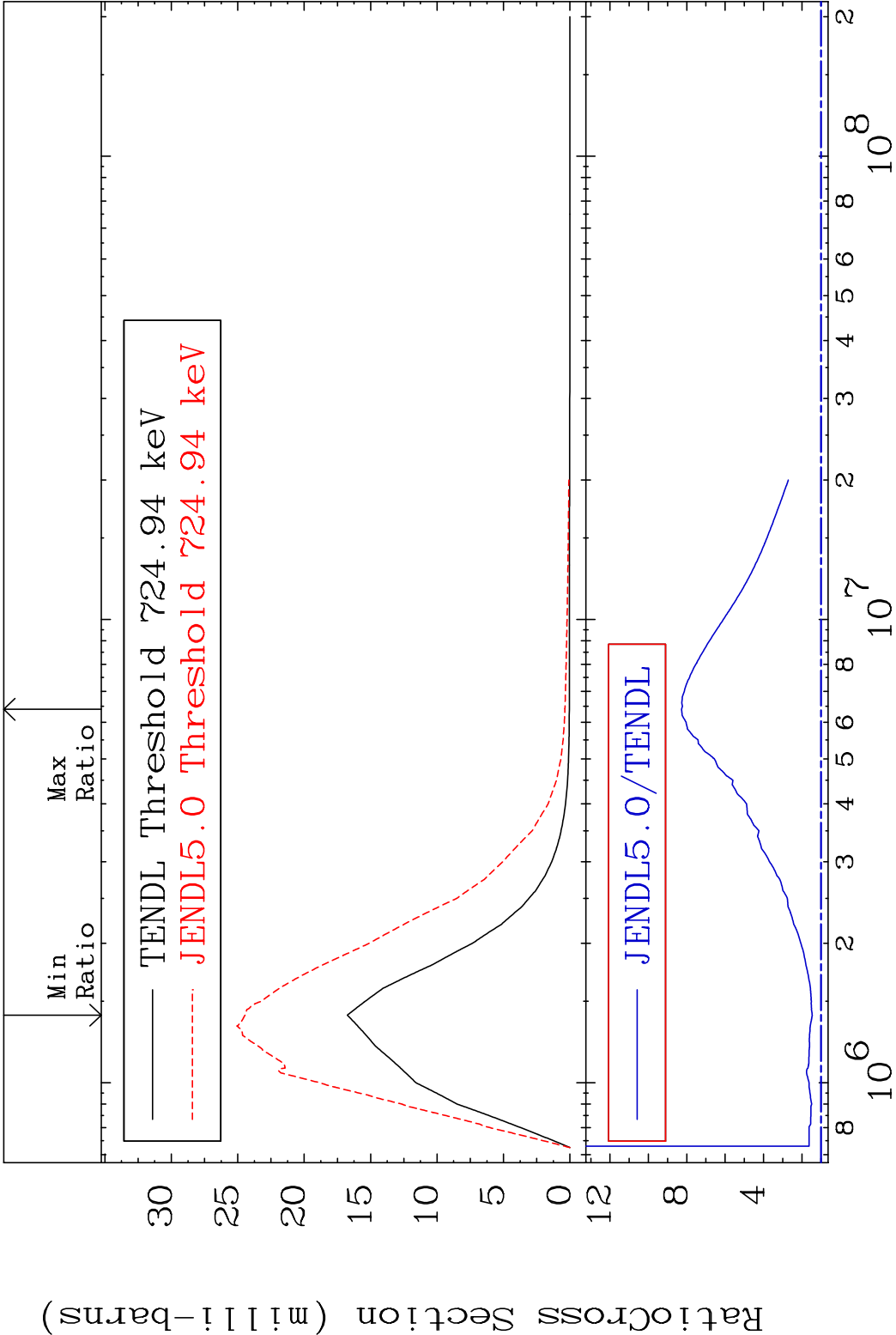
13 Incident Energy (eV) 62-Sm-147

MAT 6234 MT= 53 (n,n') Level 62-Sm-147
Cross Section -55.22 To 596.0 %



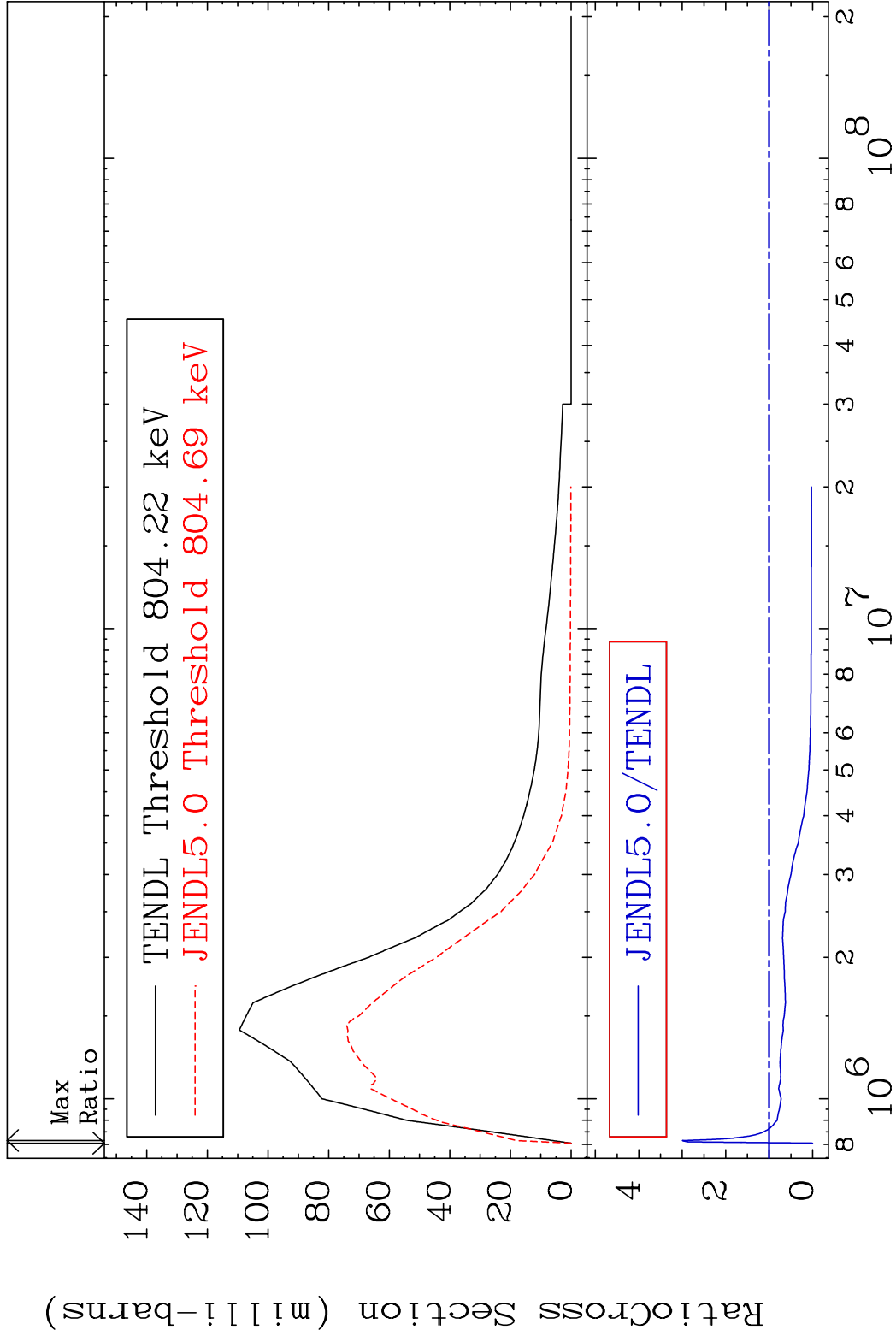
14 Incident Energy (eV) 62-Sm-147

MAT 6234 MT= 54 (n,n') Level 62-Sm-147
Cross Section 46.02 To 727.2 %



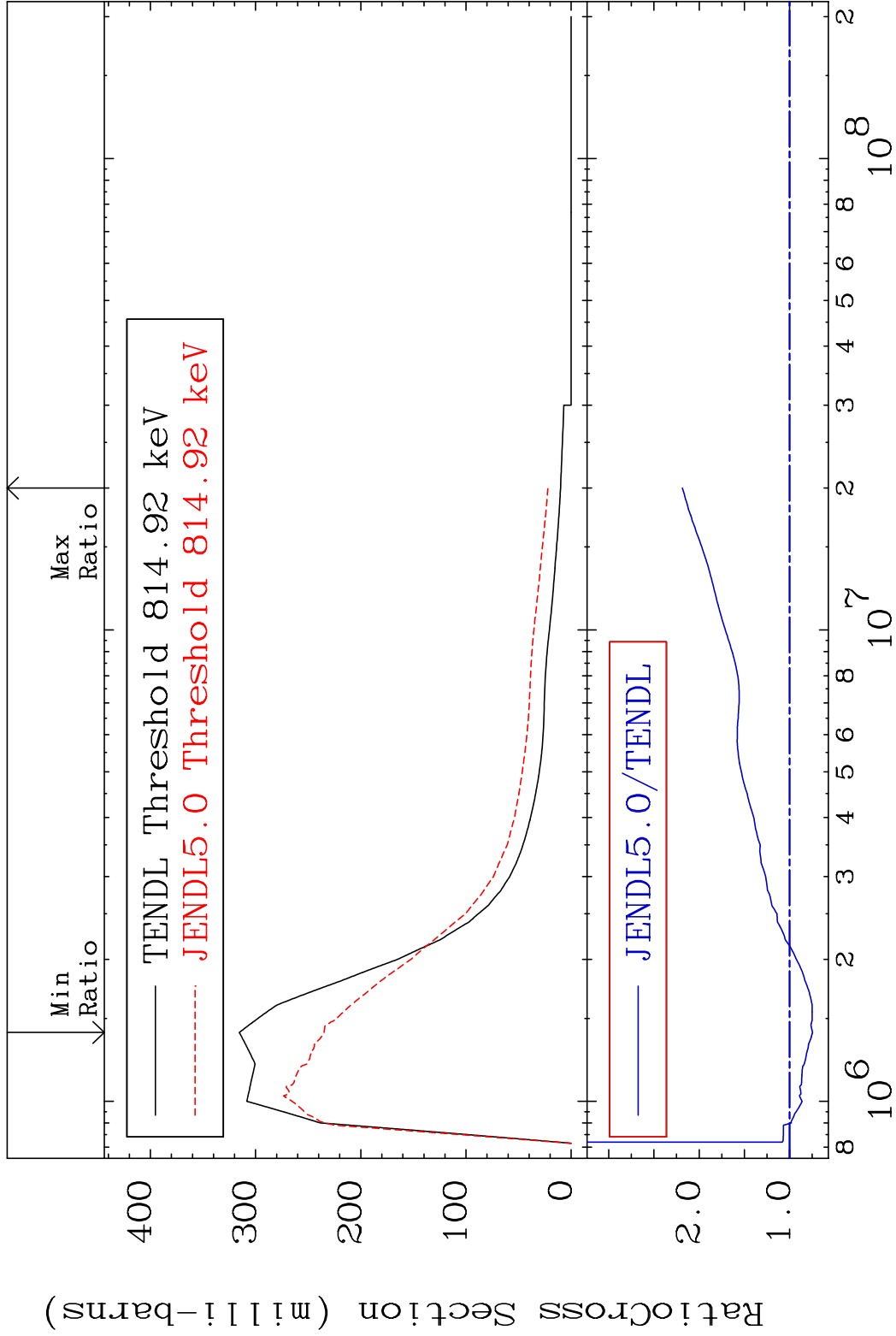
15 Incident Energy (eV) 62-Sm-147

MAT 6234 MT= 55 (n,n') Level 62-Sm-147
Cross Section -100.0 To 199.8 %



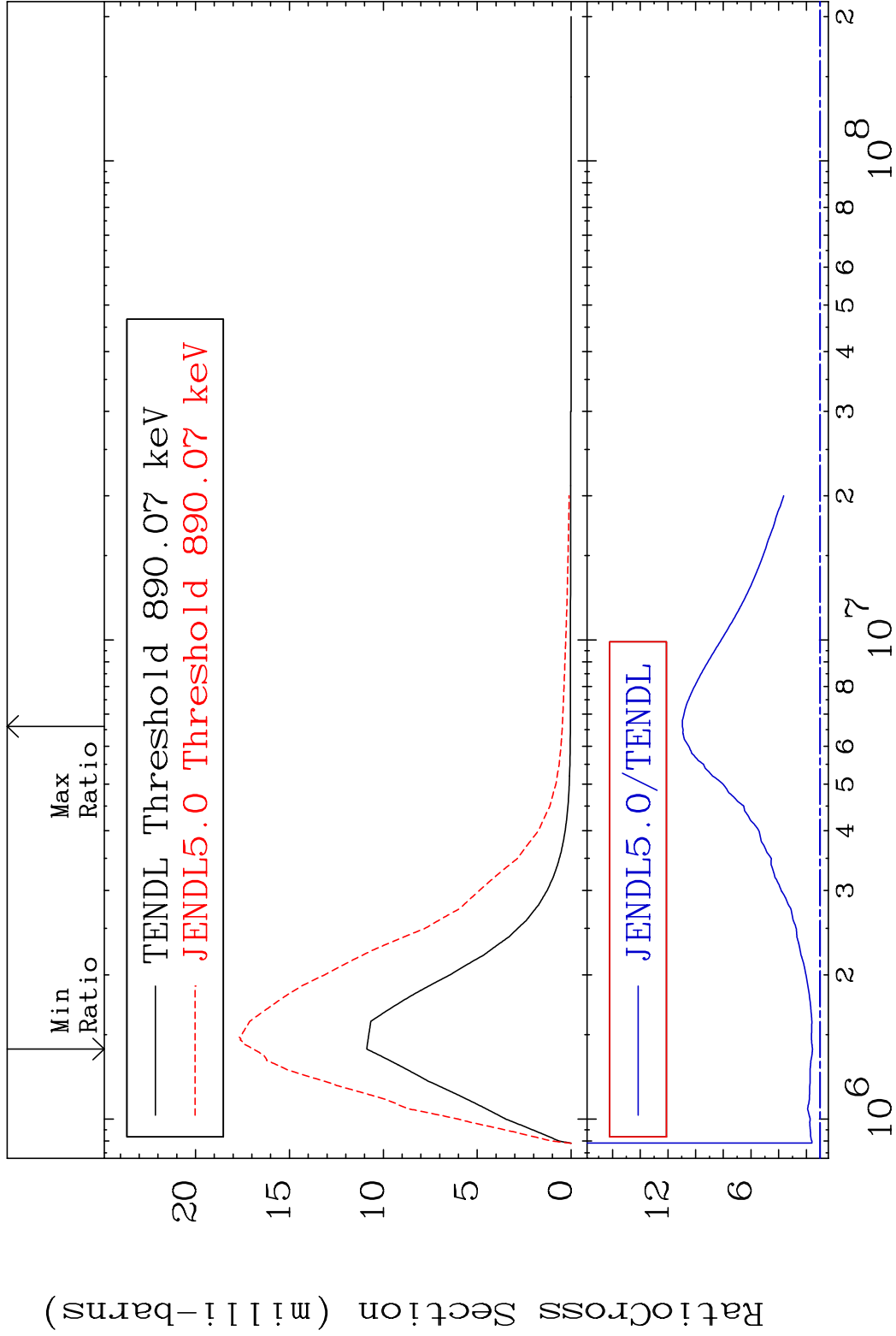
16 Incident Energy (eV) 62-Sm-147

MAT 6234 MT= 56 (n,n') Level 62-Sm-147
Cross Section -25.53 To 118.6 %



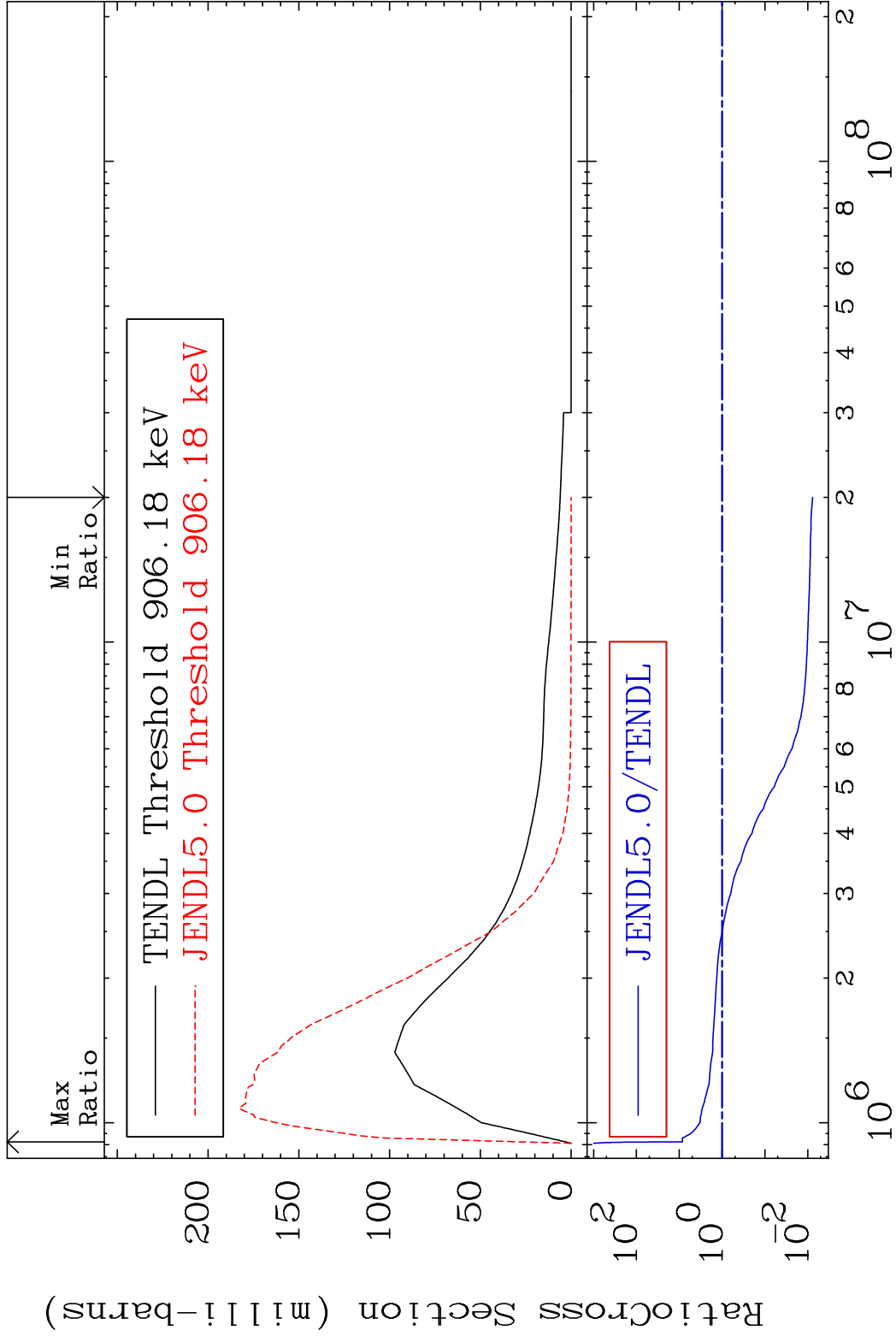
17 Incident Energy (eV) 62-Sm-147

MAT 6234 MT= 57 (n,n') Level 62-Sm-147
Cross Section 55.46 To 995.8 %

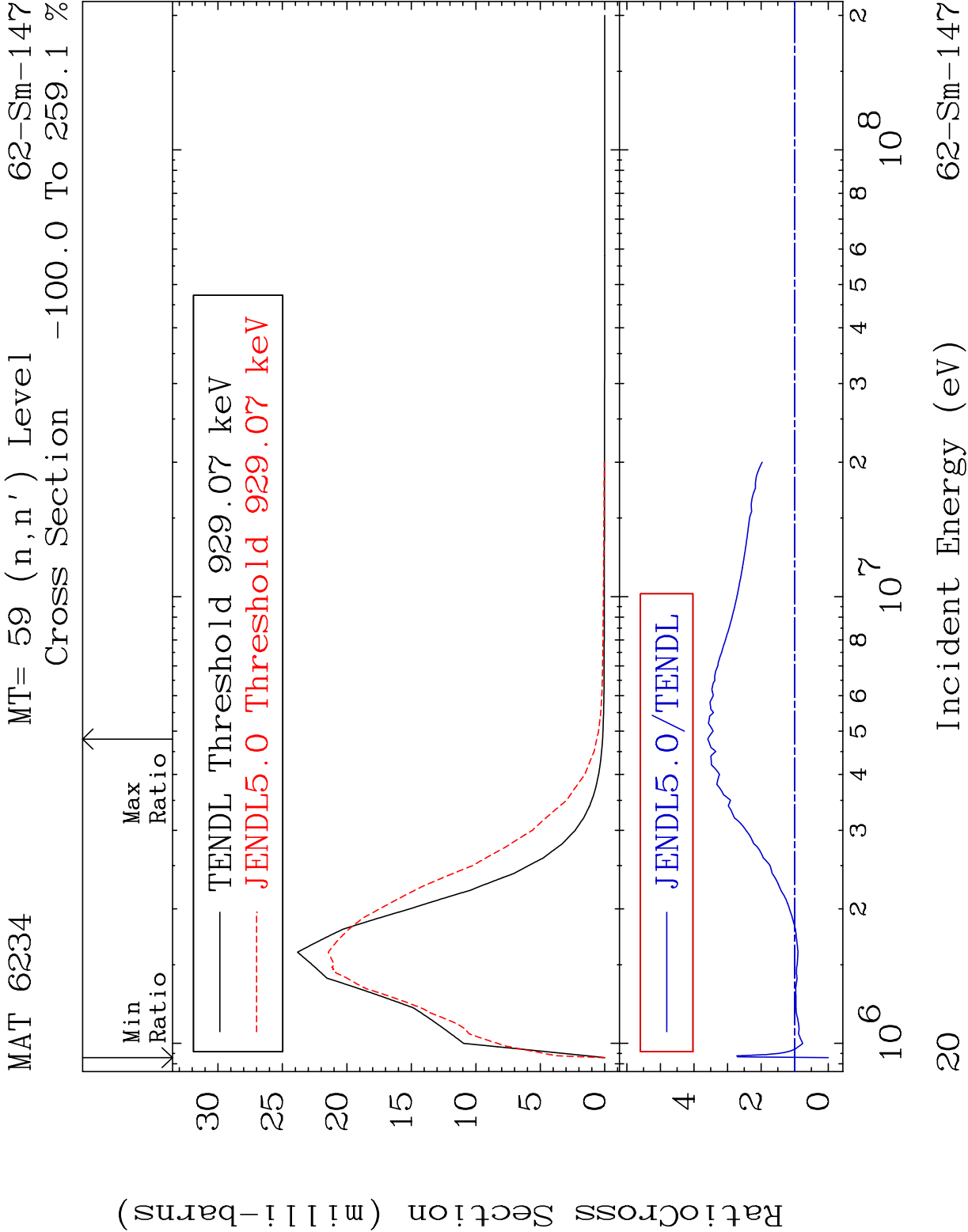


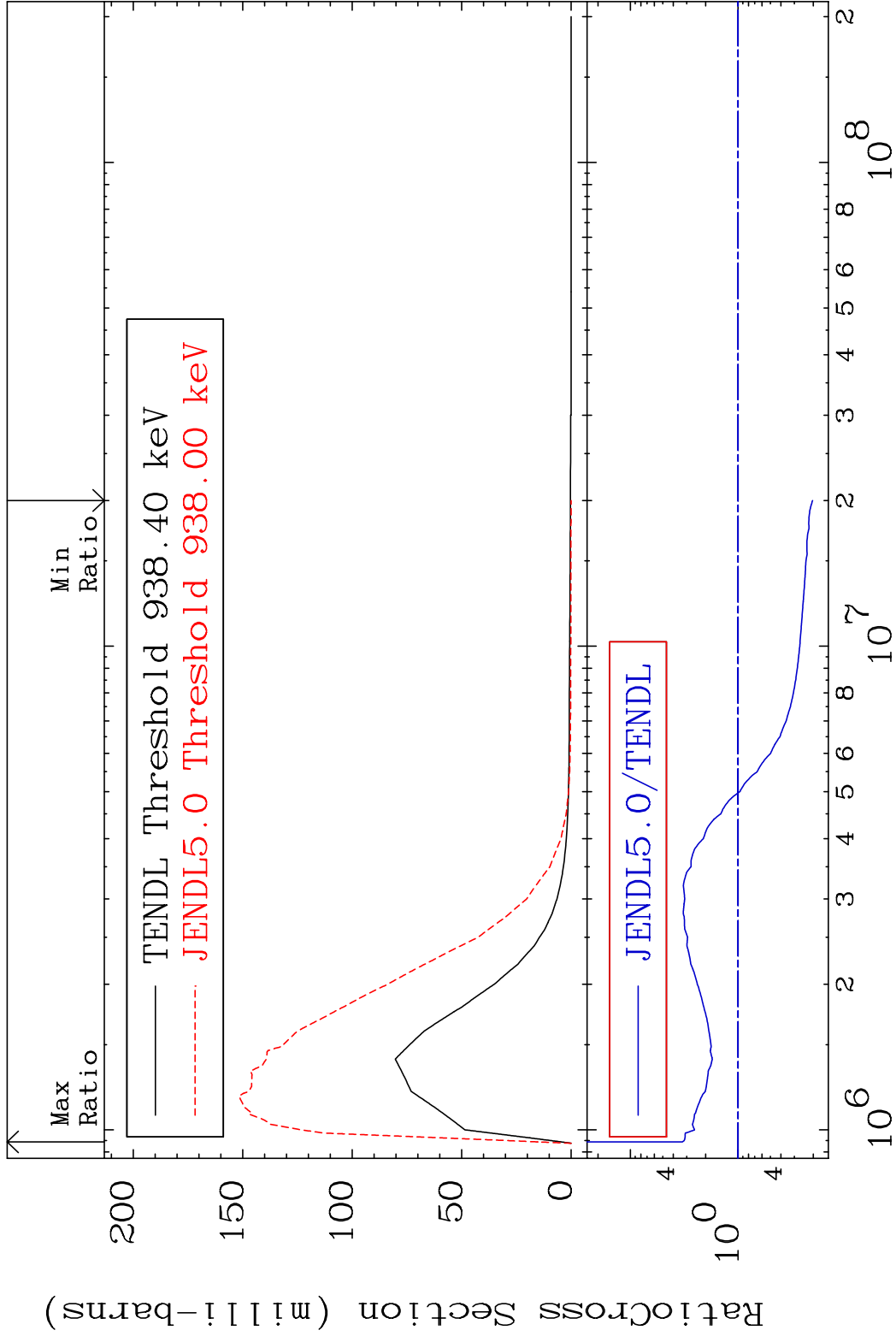
18 Incident Energy (eV) 62-Sm-147

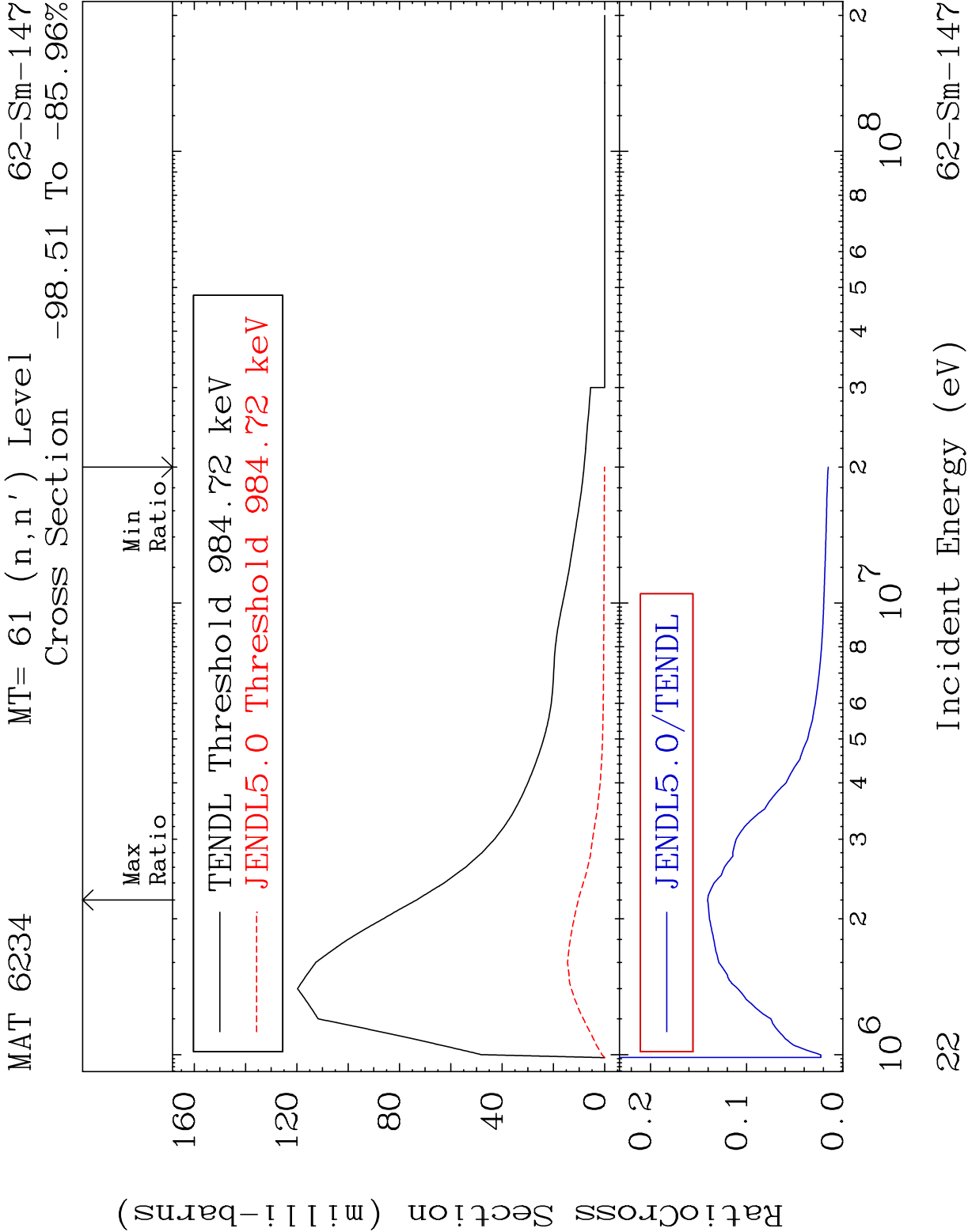
MAT 6234 MT= 58 (n,n') Level 62-Sm-147
Cross Section -99.23 To 746.4 %



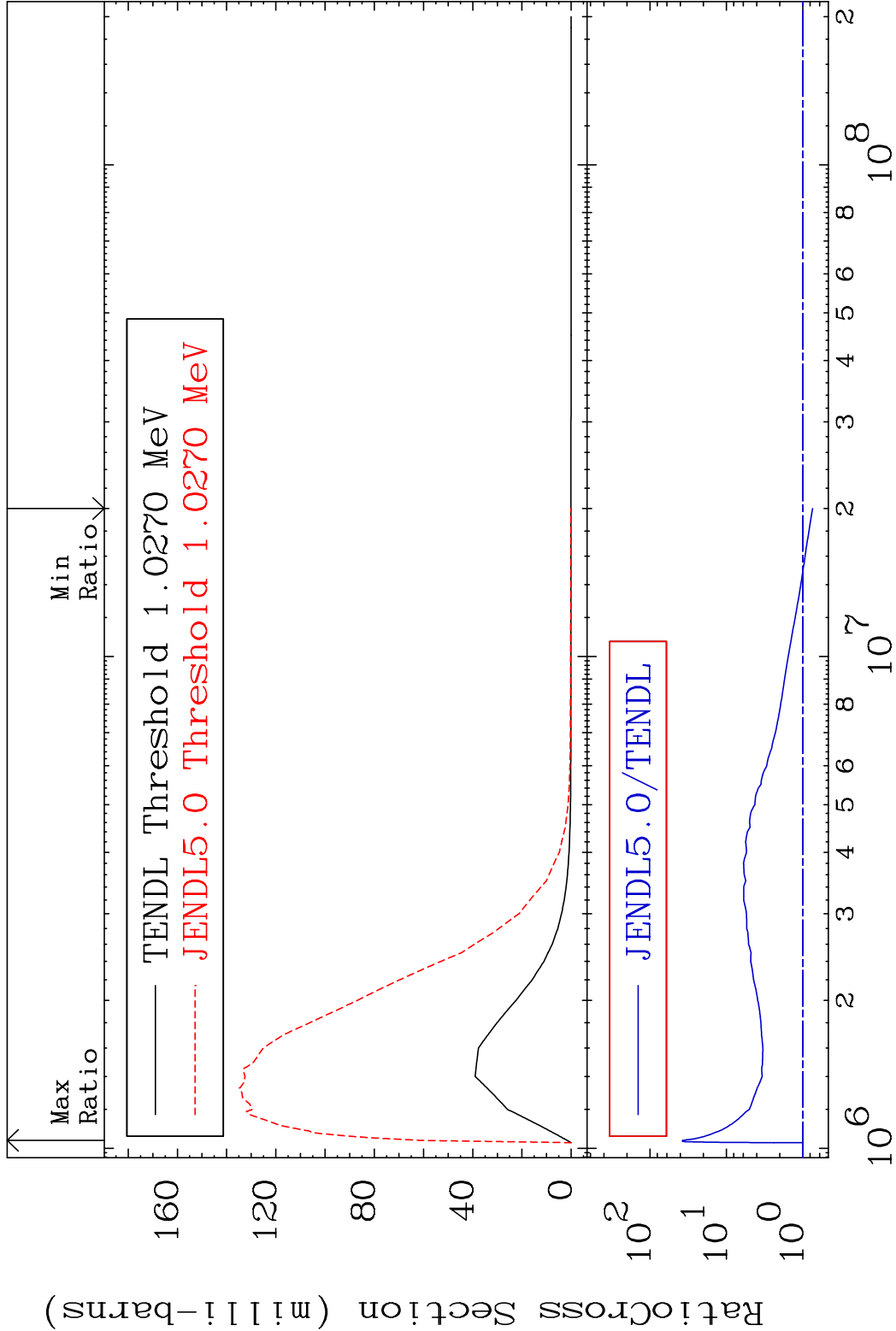
19 Incident Energy (eV) 62-Sm-147



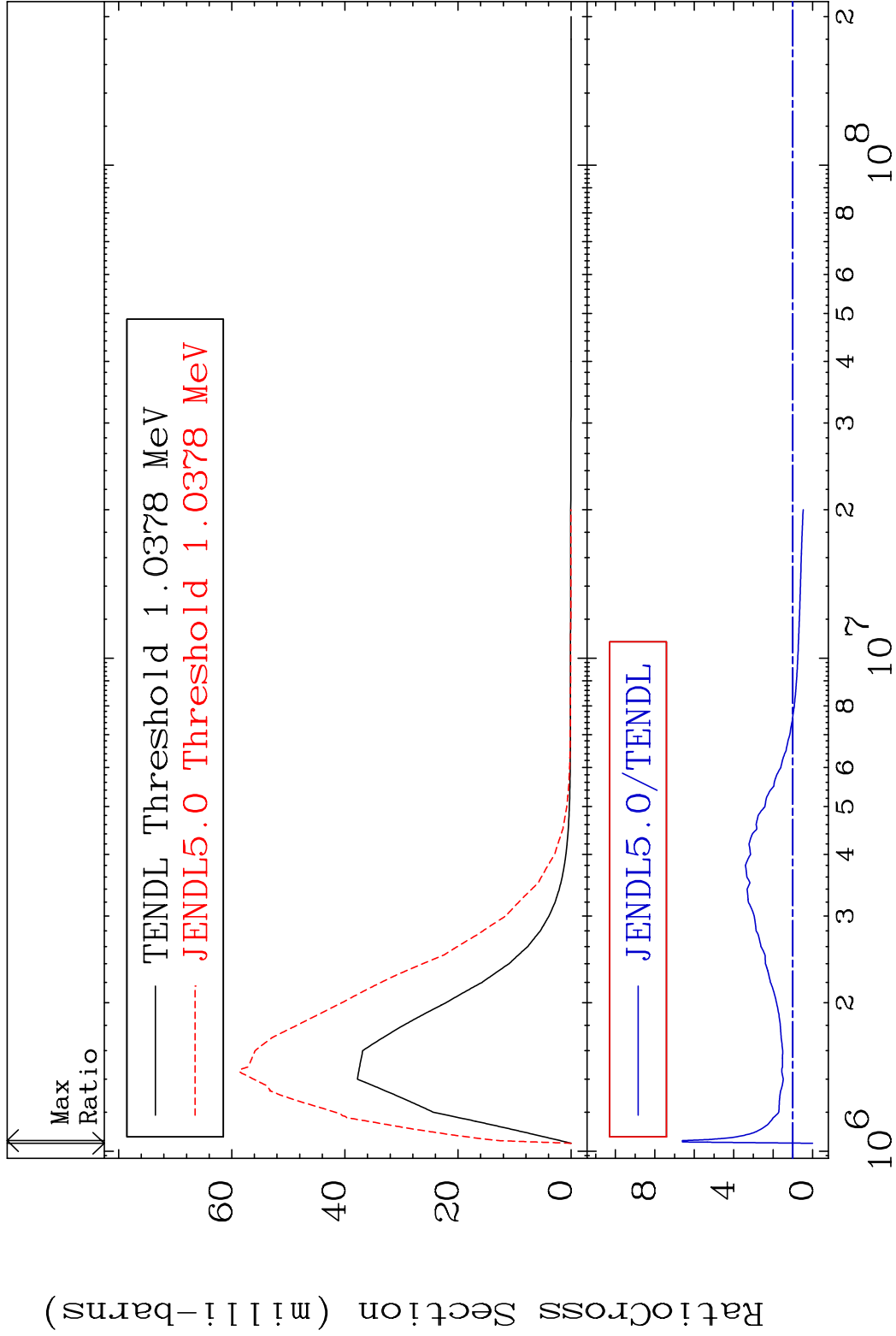




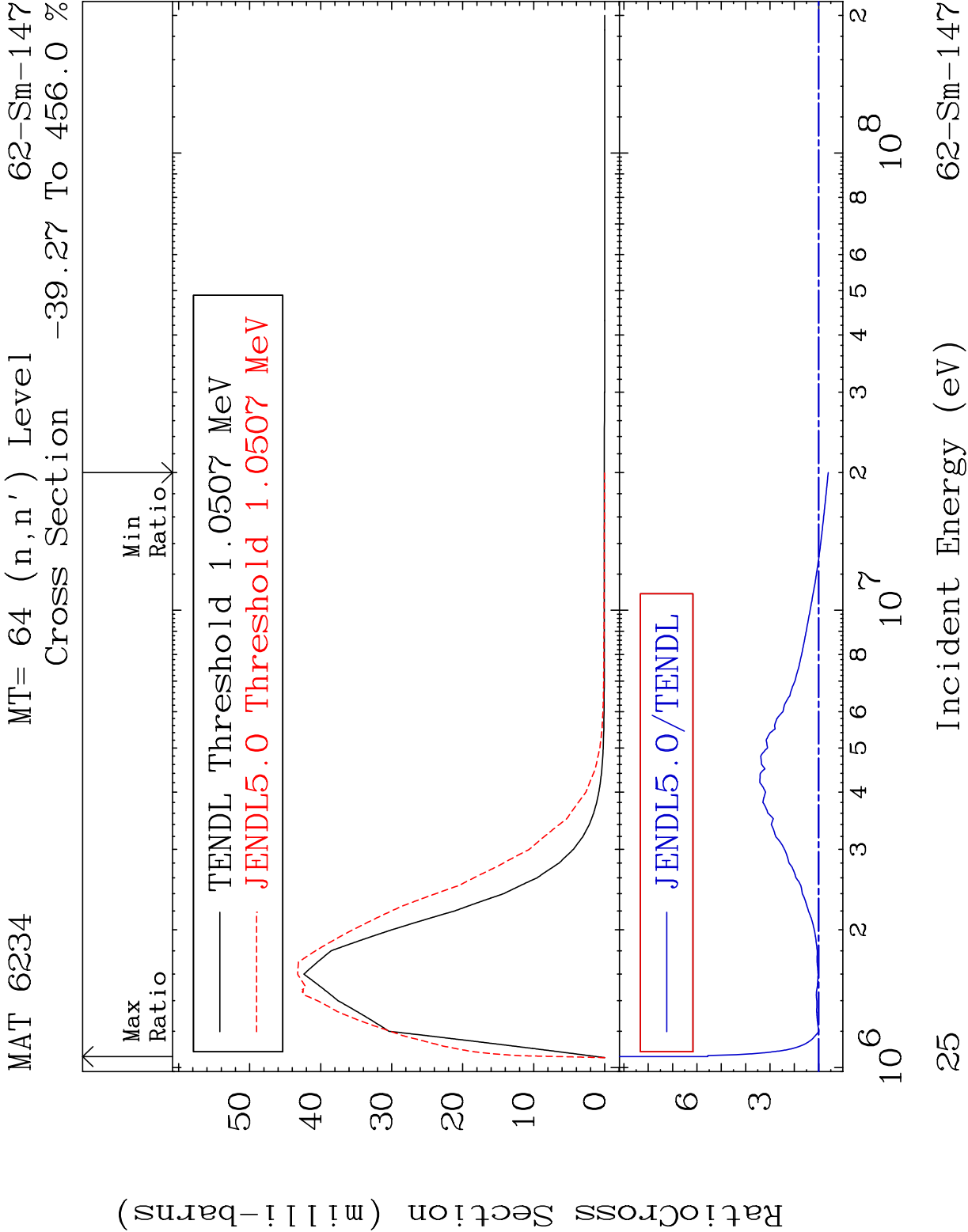
MAT 6234 MT= 62 (n,n') Level 62-Sm-147
Cross Section -25.71 To 3667. %



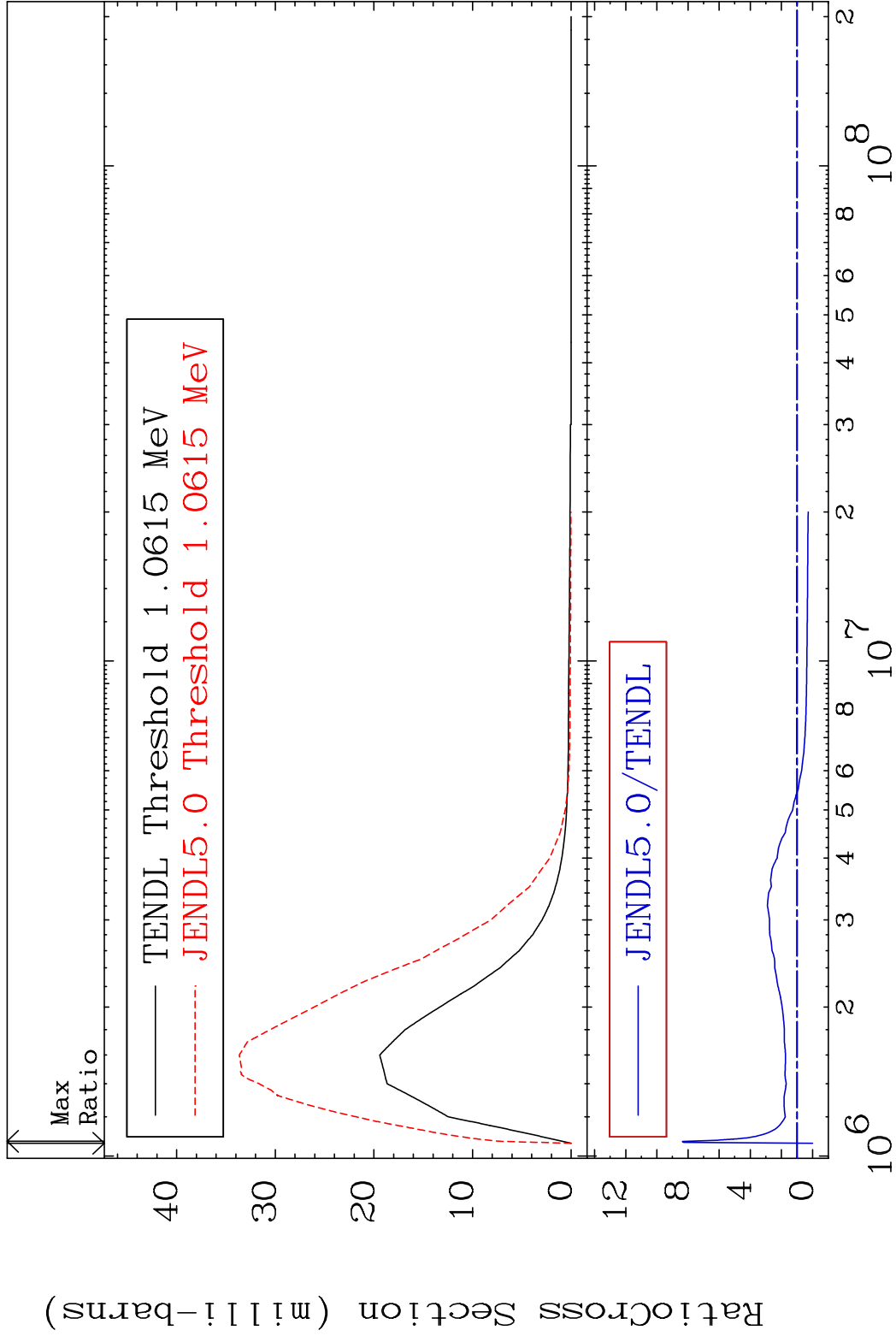
MAT 6234 MT= 63 (n,n') Level 62-Sm-147
Cross Section -100.0 To 560.5 %



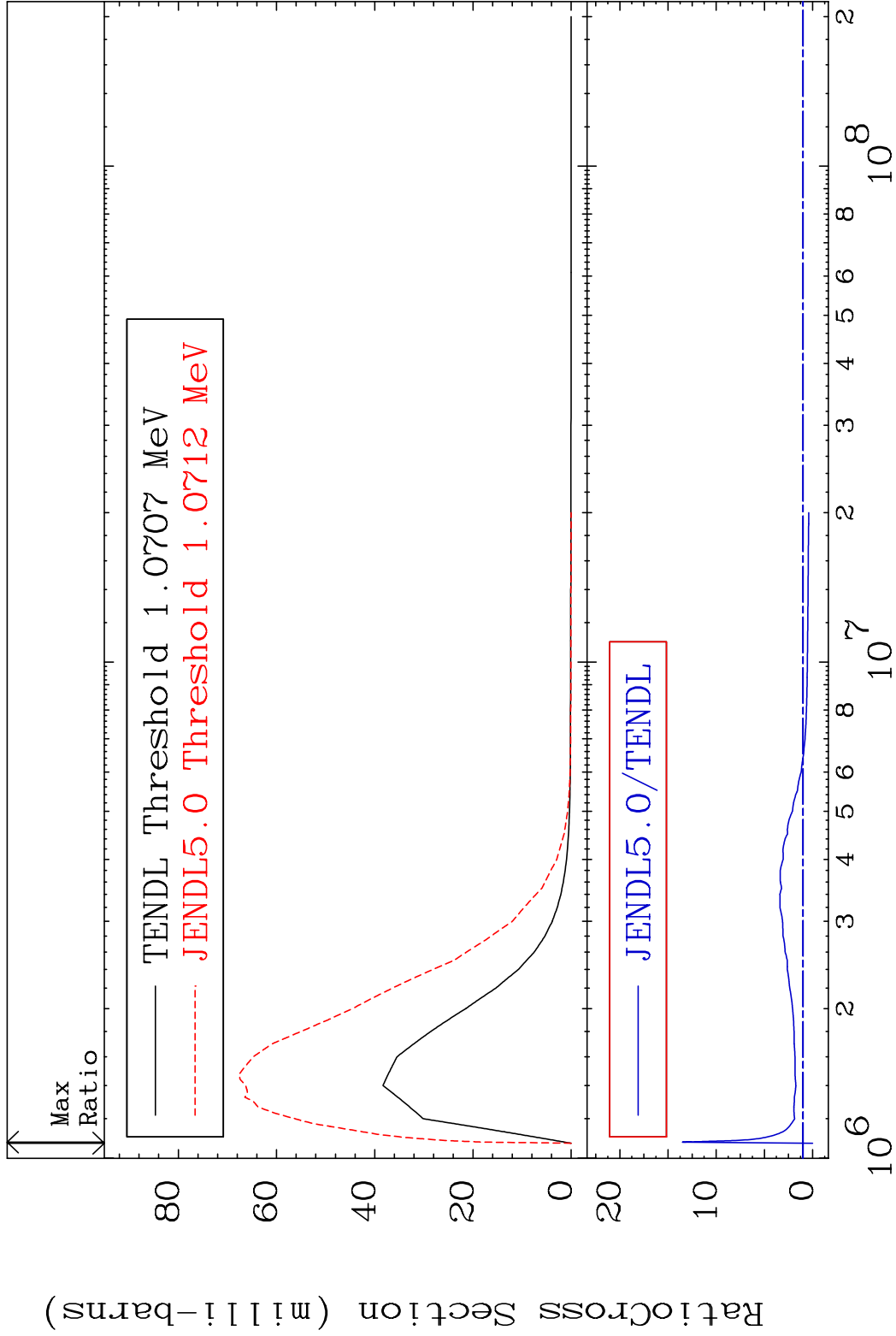
24 Incident Energy (eV) 62-Sm-147

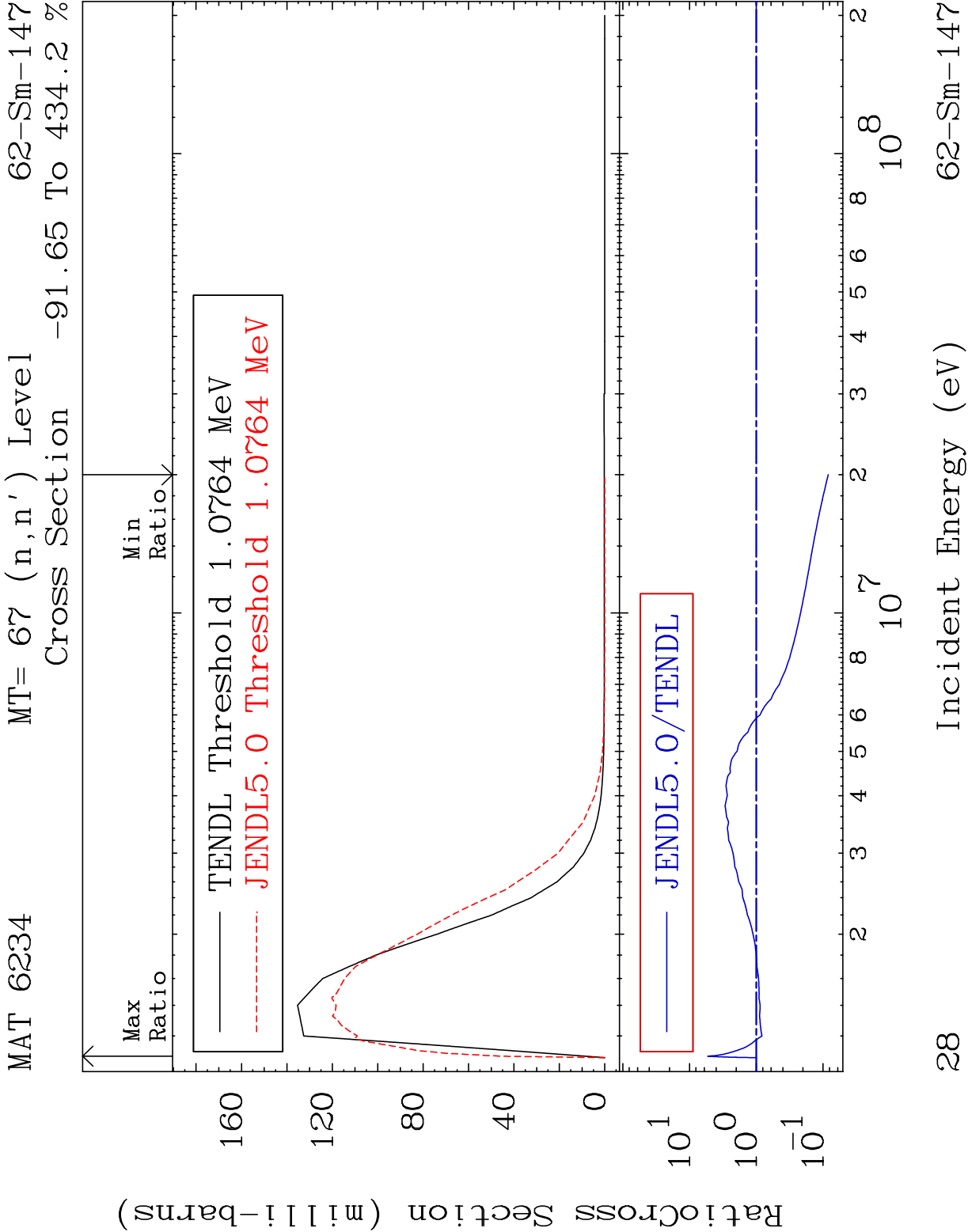


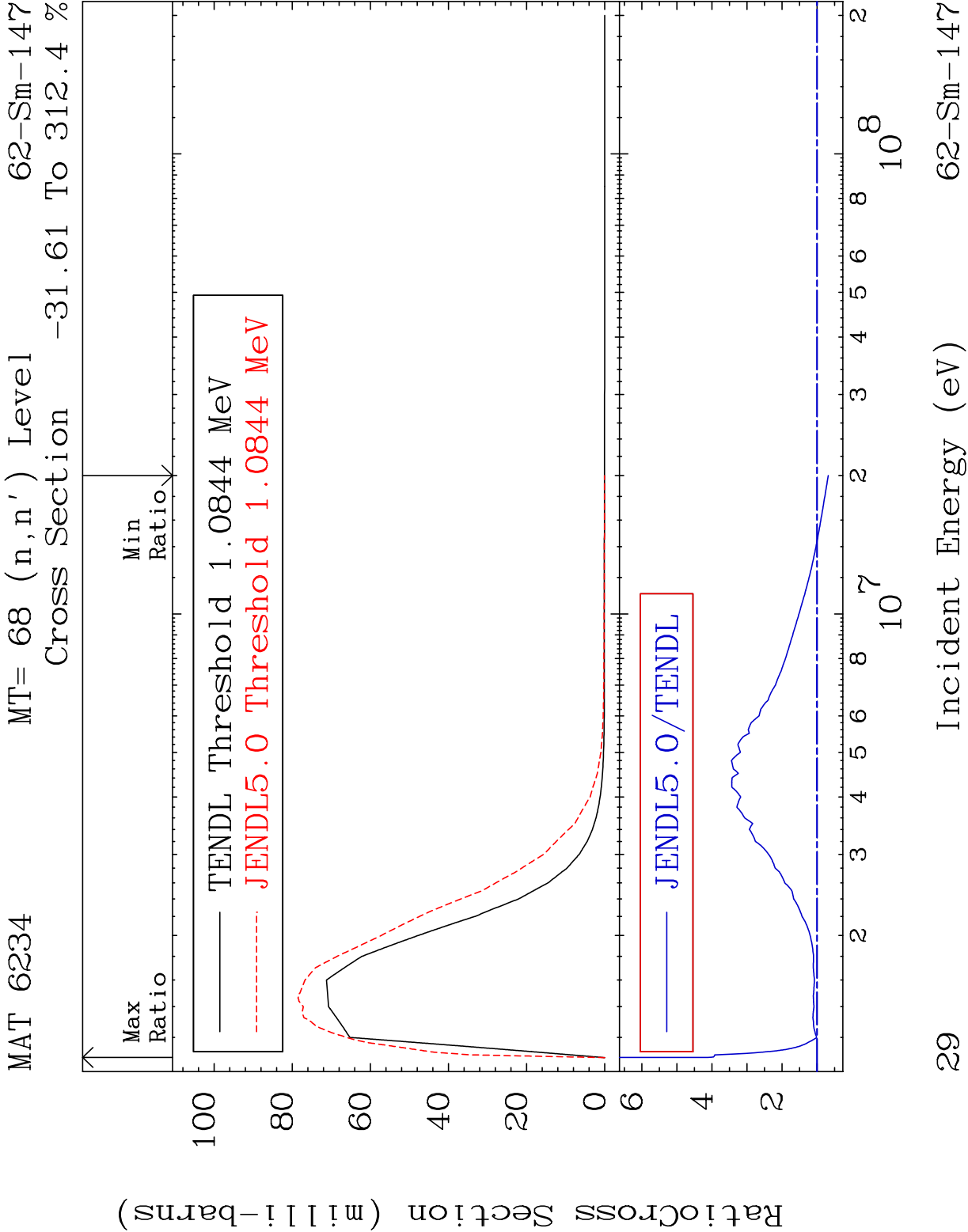
MAT 6234 MT= 65 (n,n') Level 62-Sm-147
Cross Section -100.0 To 736.4 %



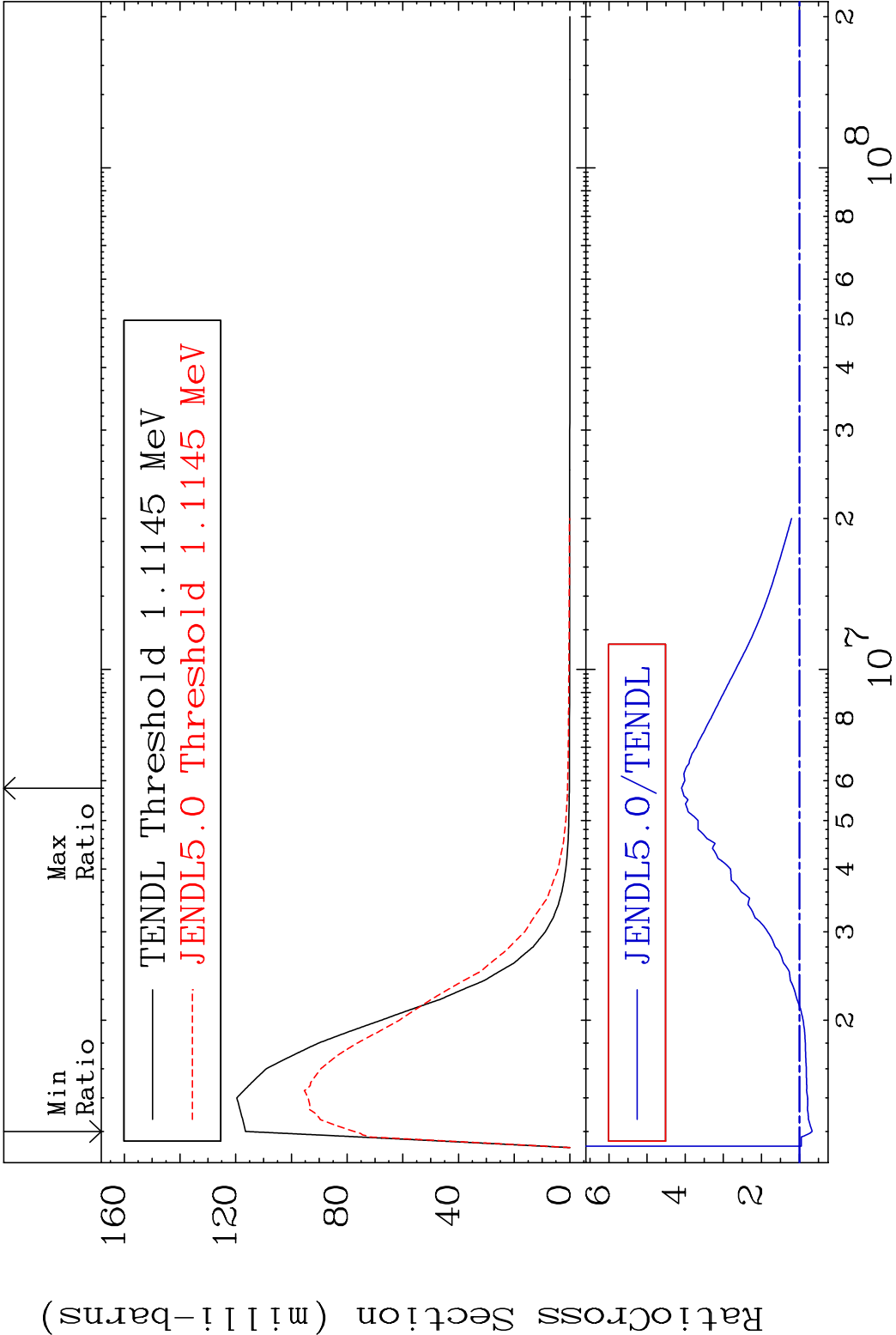
MAT 6234 MT= 66 (n,n') Level 62-Sm-147
Cross Section -100.0 To 1251. %

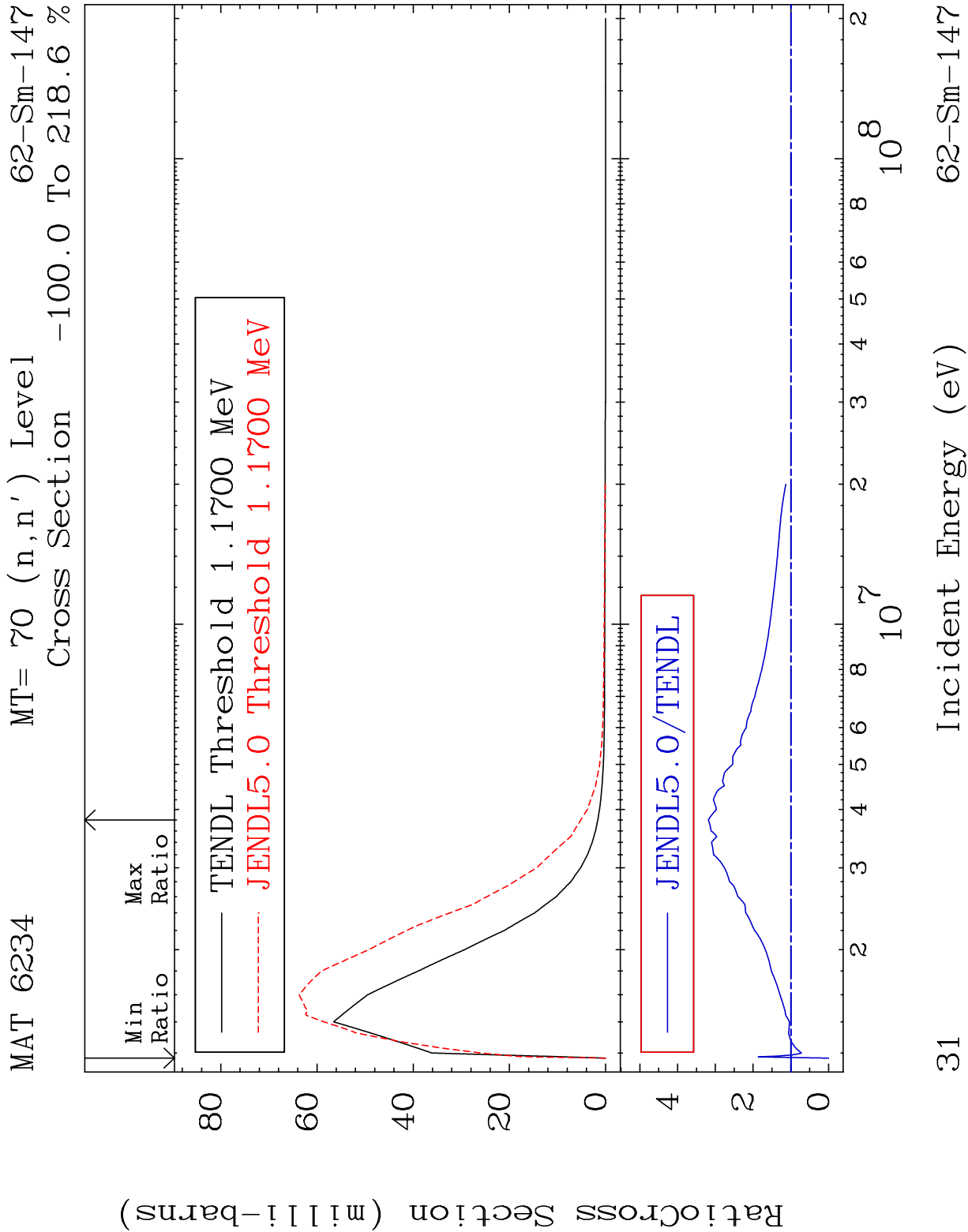


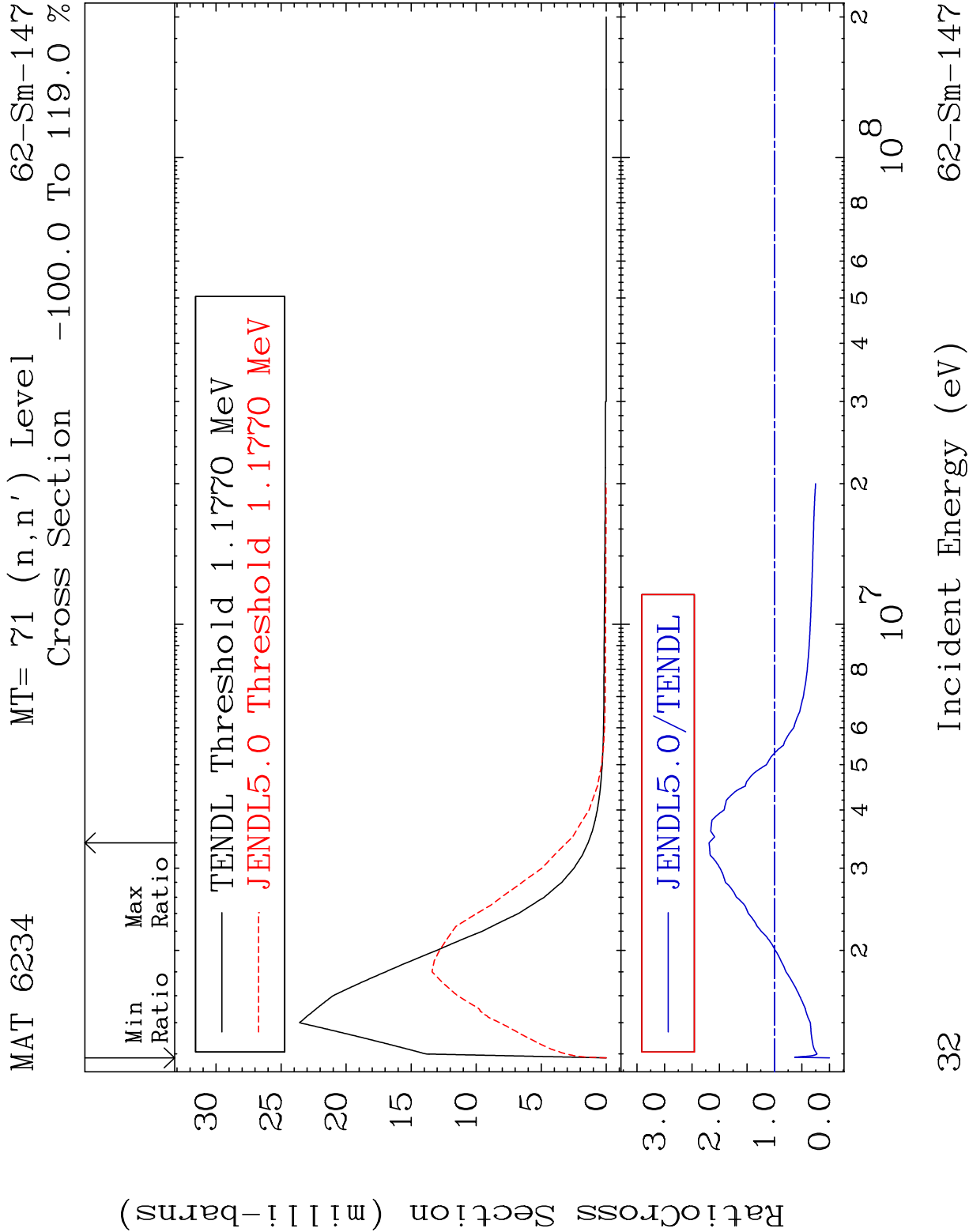


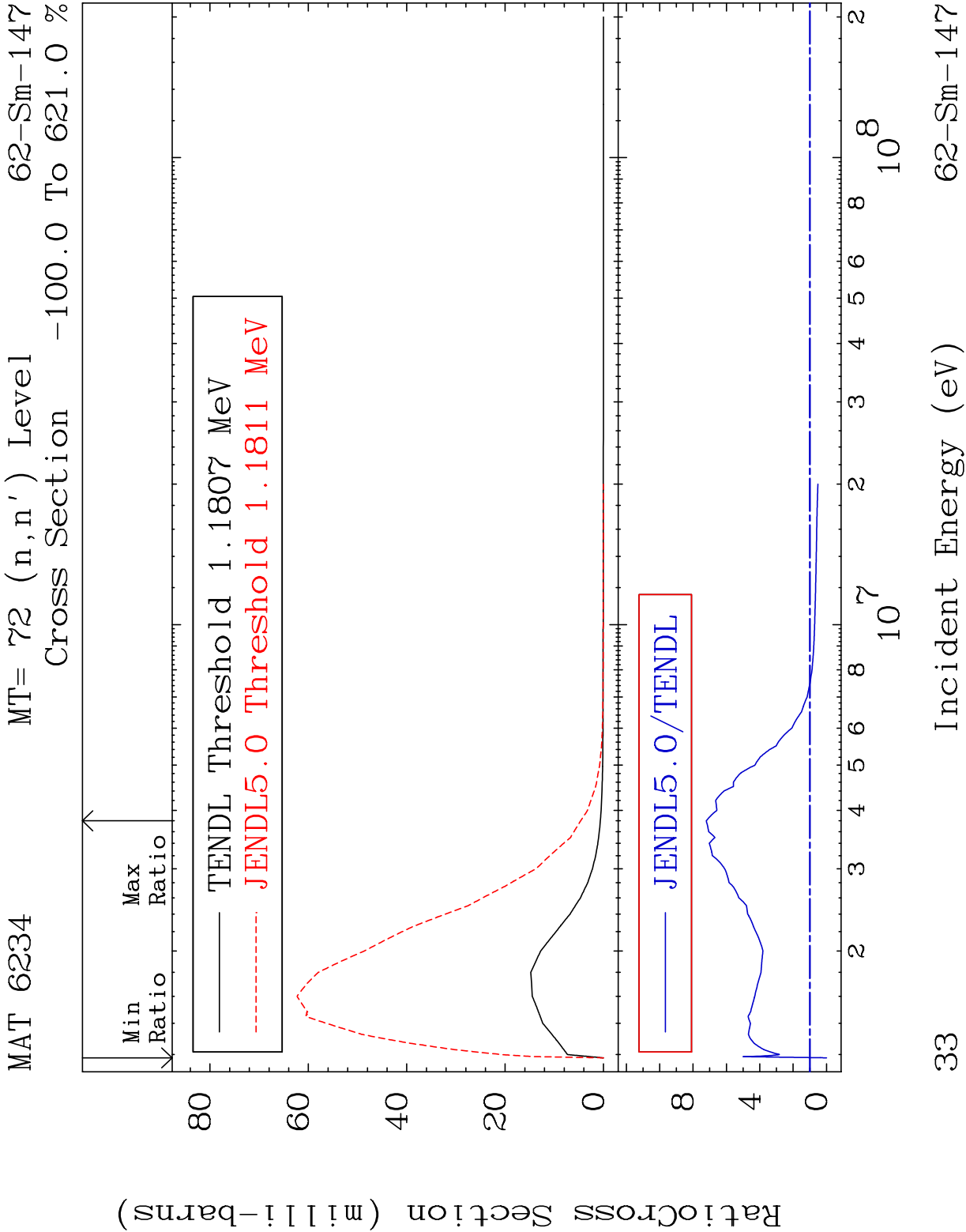


MAT 6234 MT= 69 (n,n') Level 62-Sm-147
Cross Section -33.53 To 309.5 %







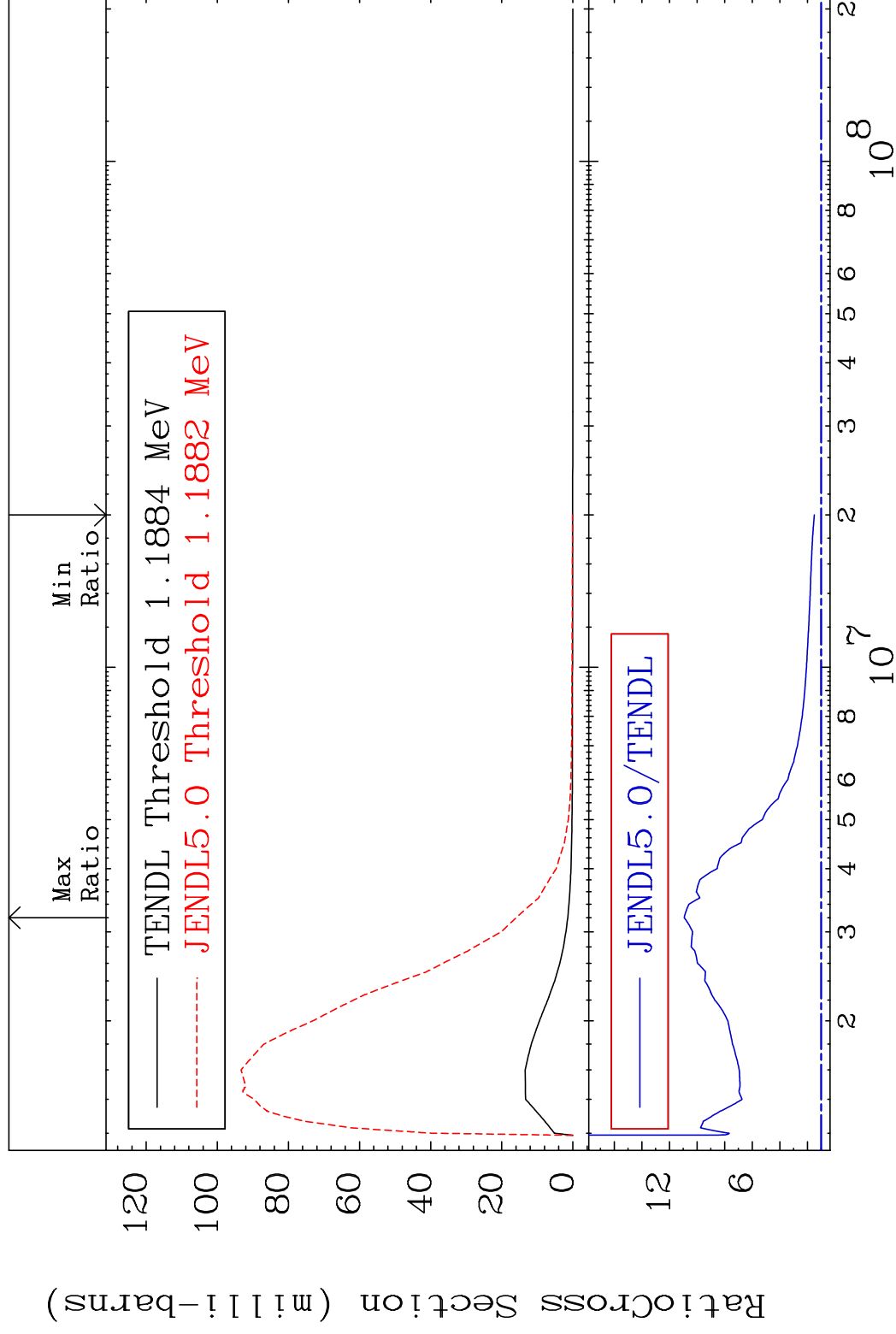


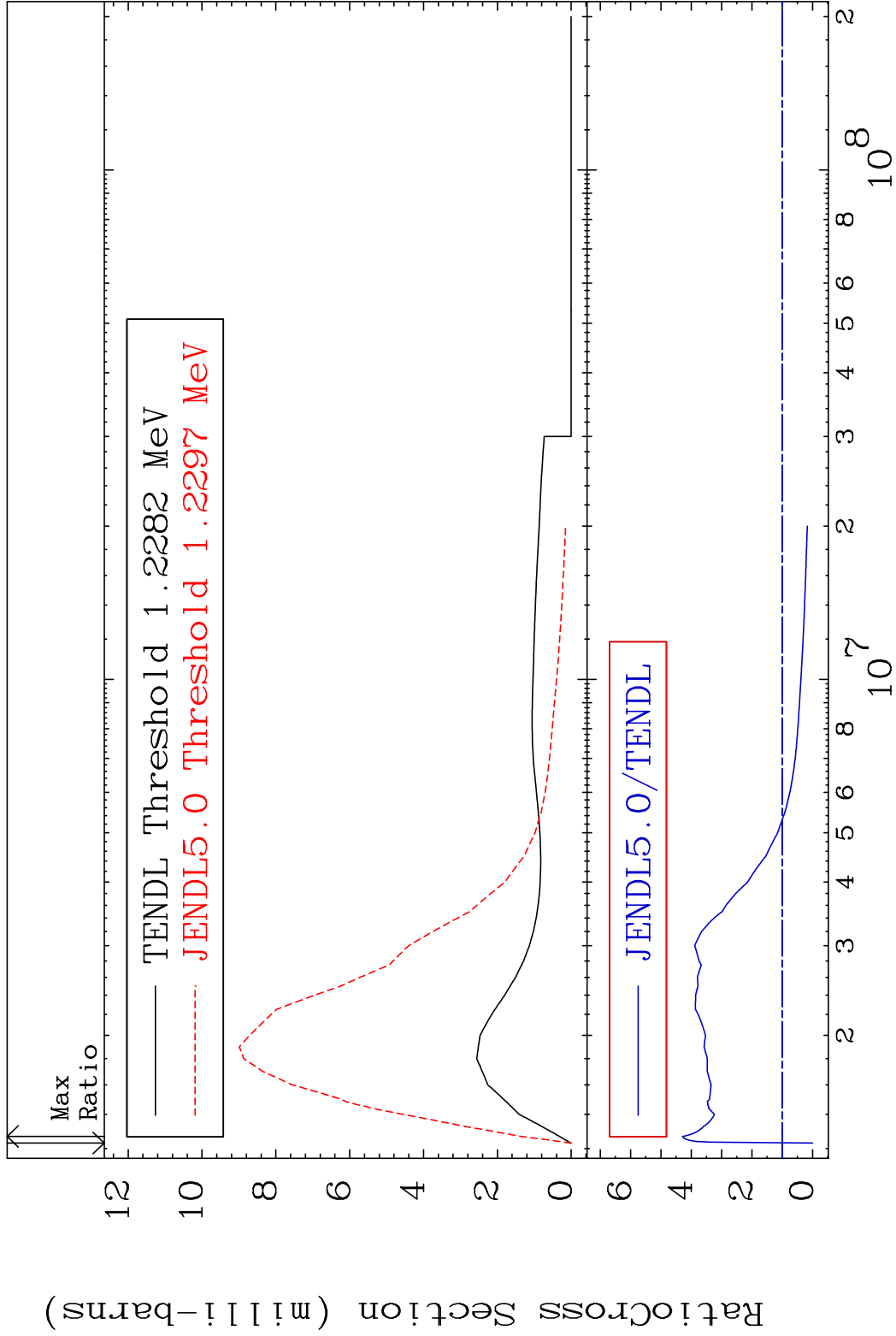
MAT 6234

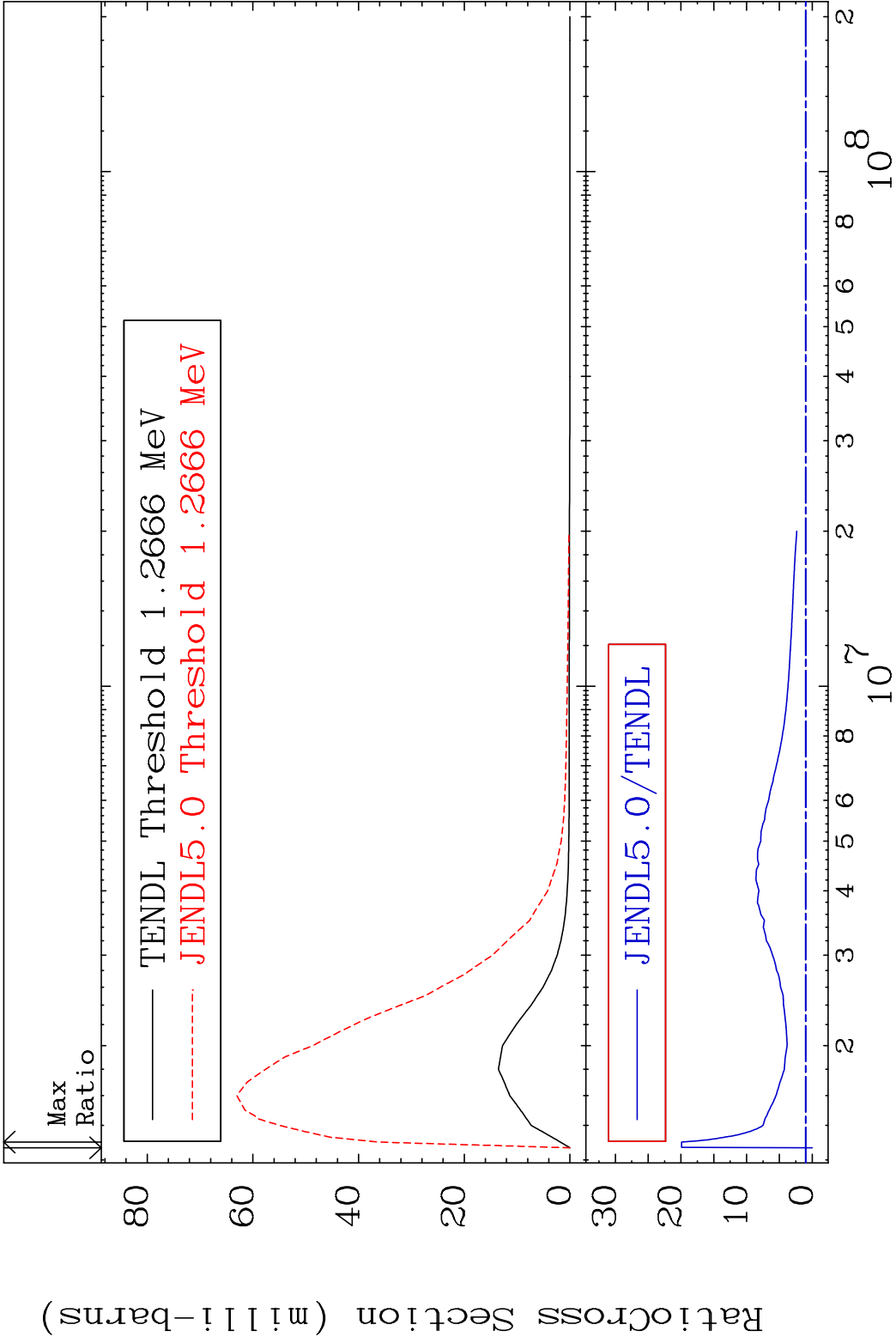
MT= ~ 73 (n, n') Level

62-Sm-147

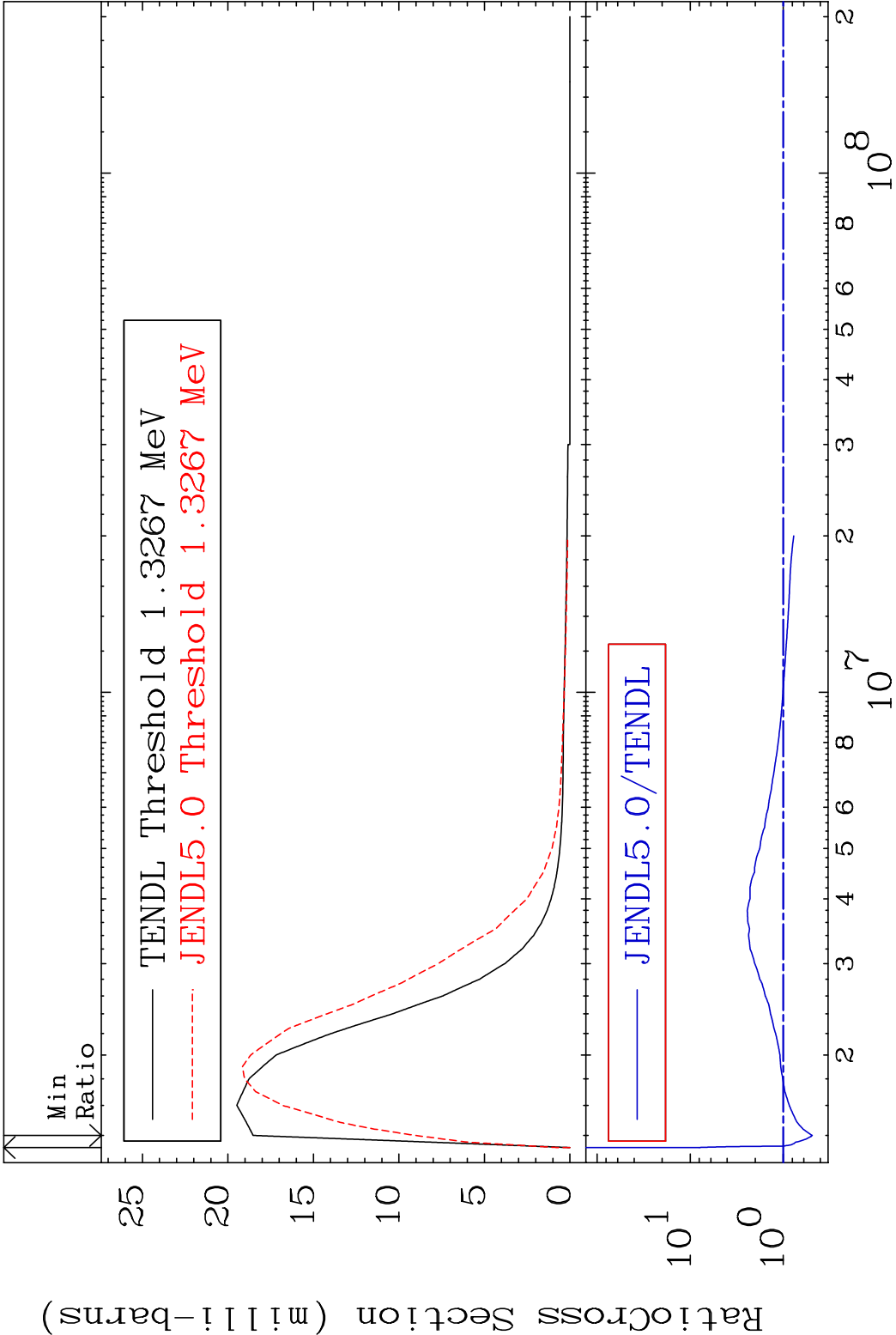
Cross Section 50.35 To 994.2 %

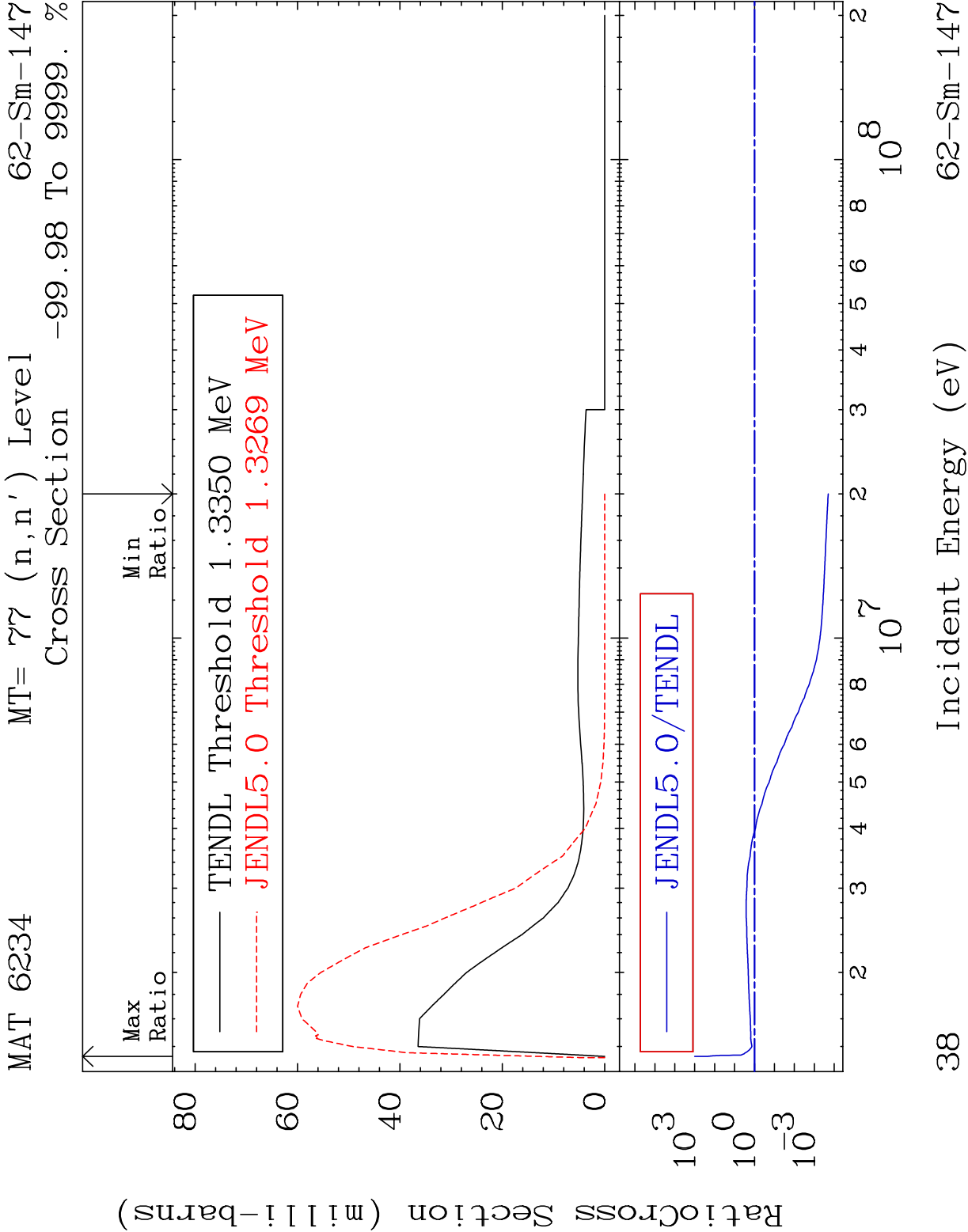




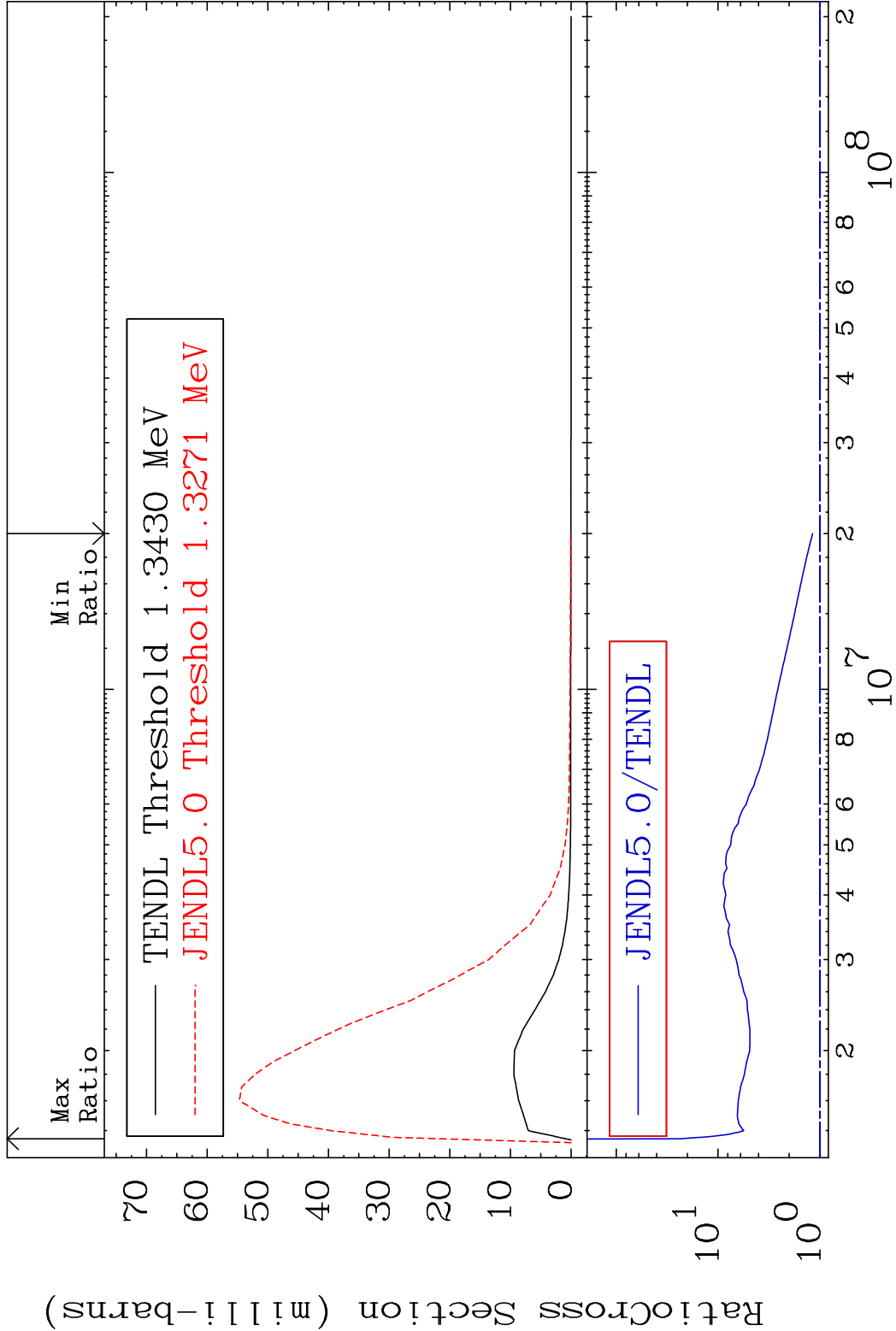


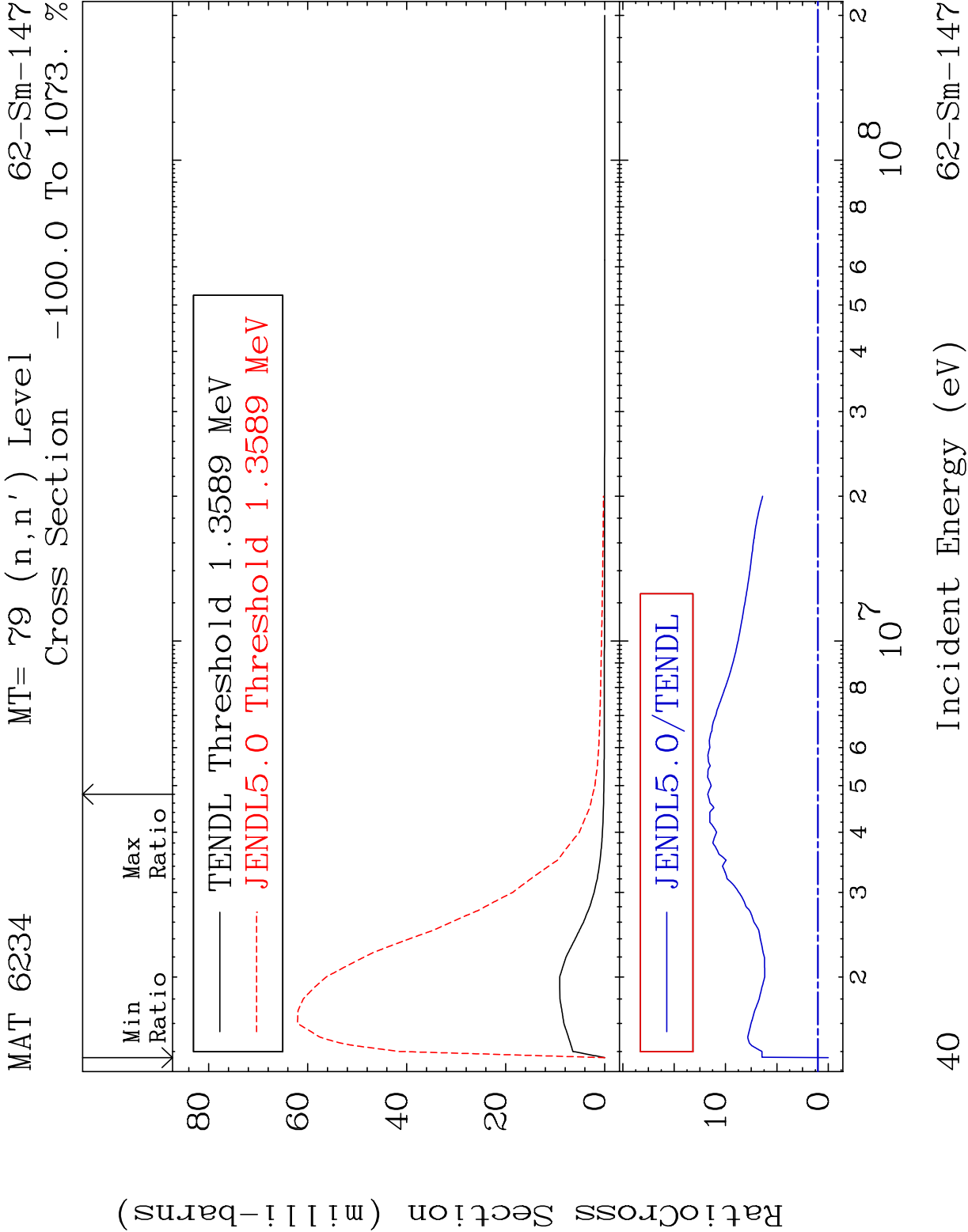
MAT 6234	MT= 76 (n,n')	Level	62-Sm-147
	Cross Section	-51.16 To 1138. %	

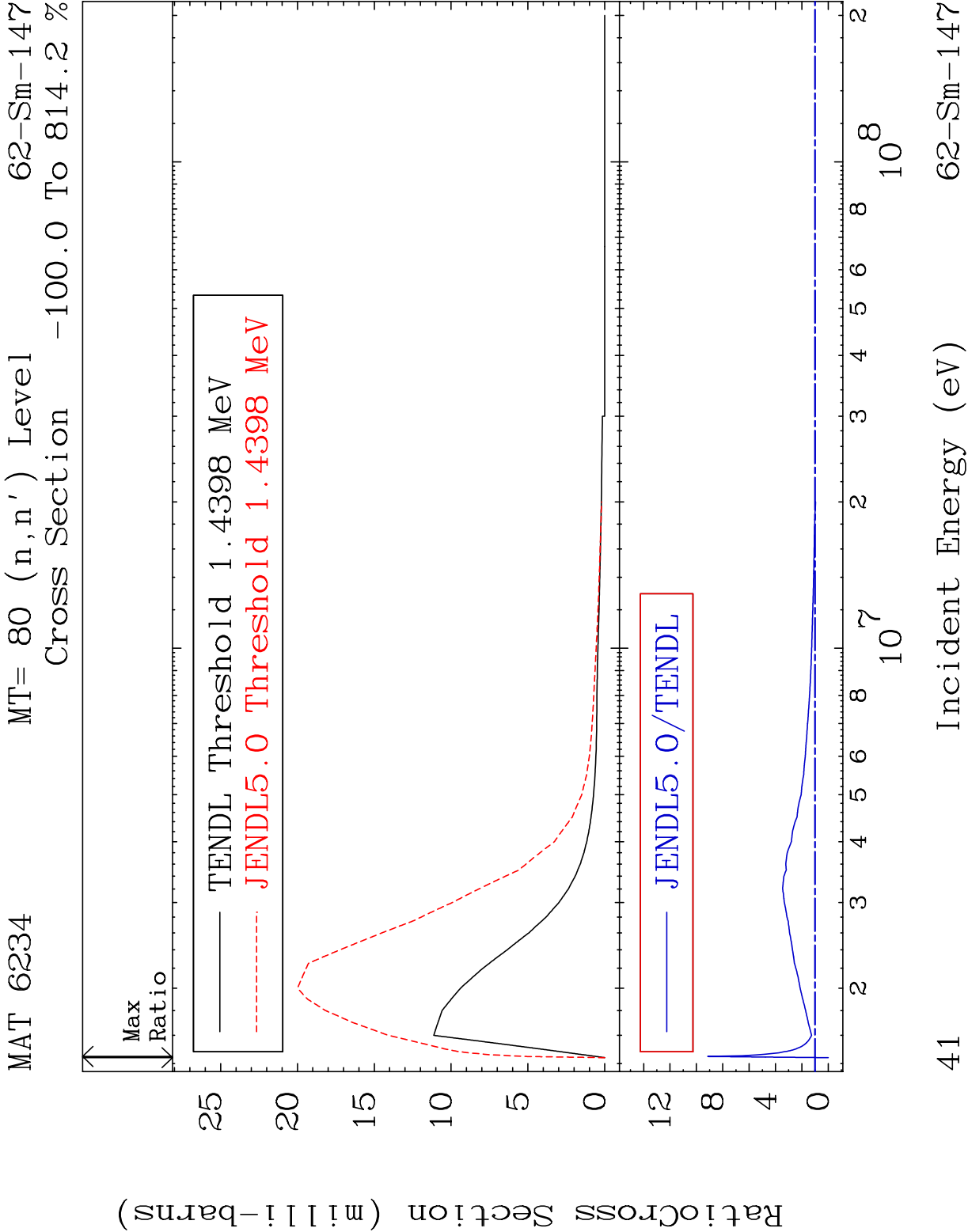


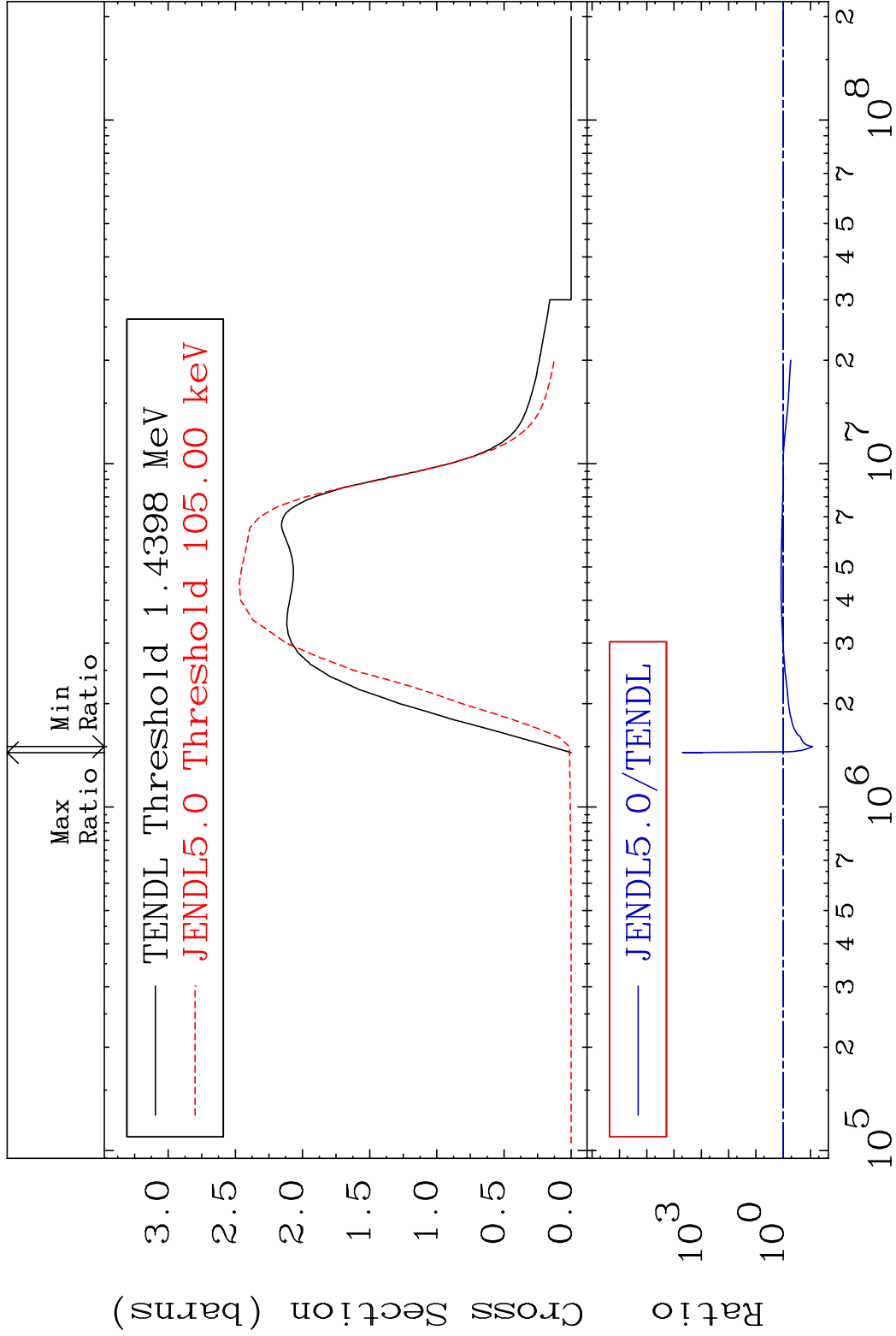


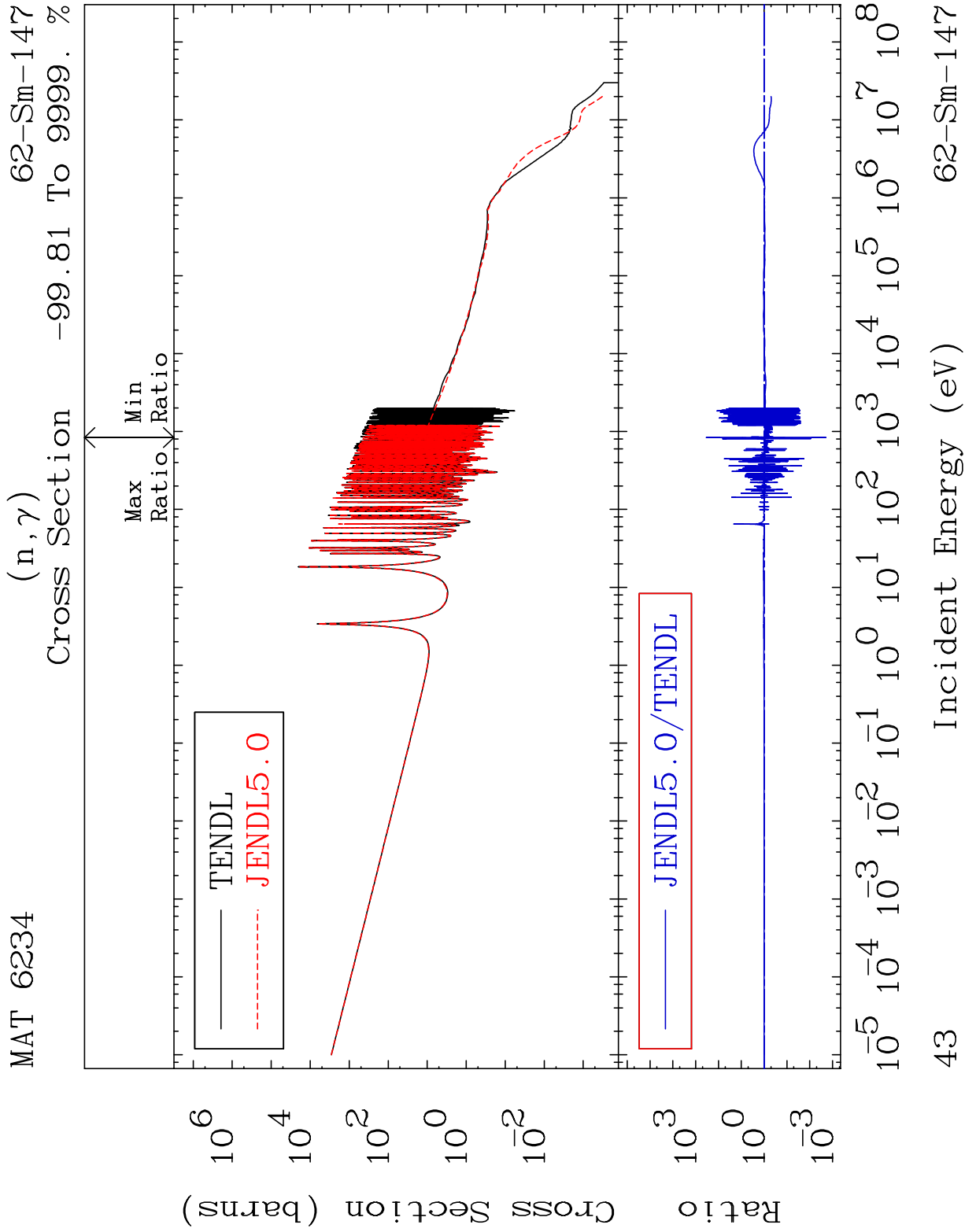
MAT 6234 MT= 78 (n,n') Level 62-Sm-147
Cross Section 17.84 To 2138. %

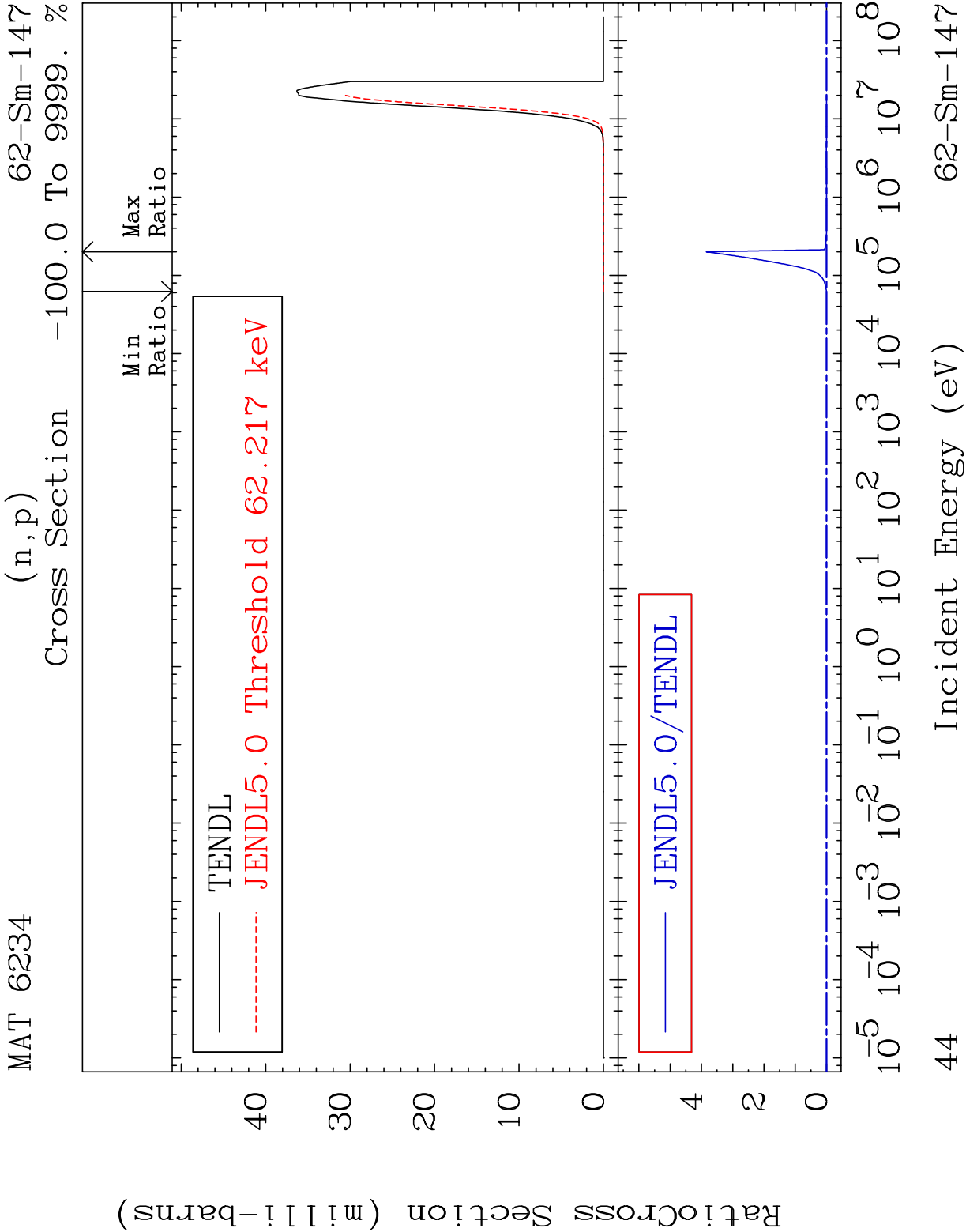


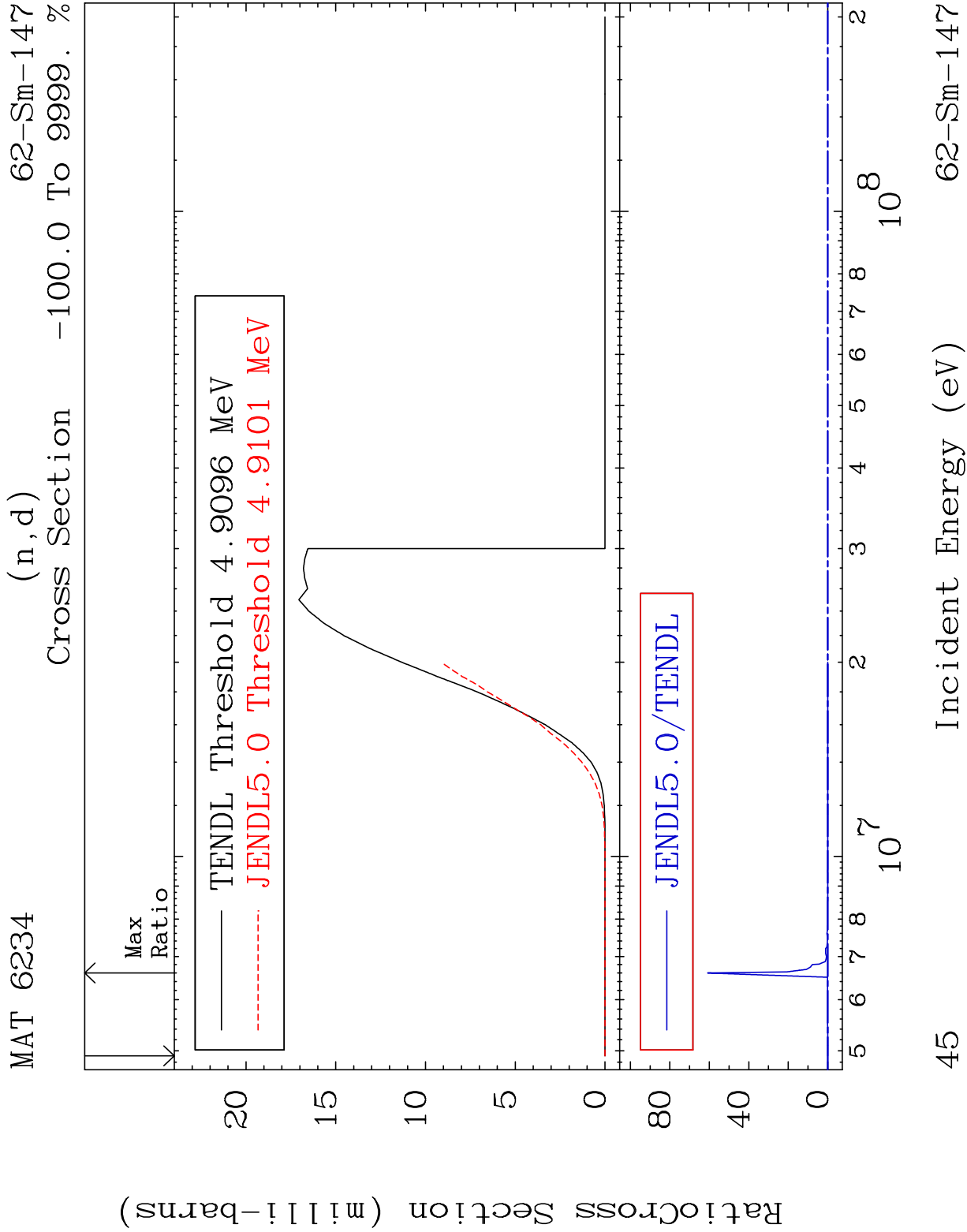


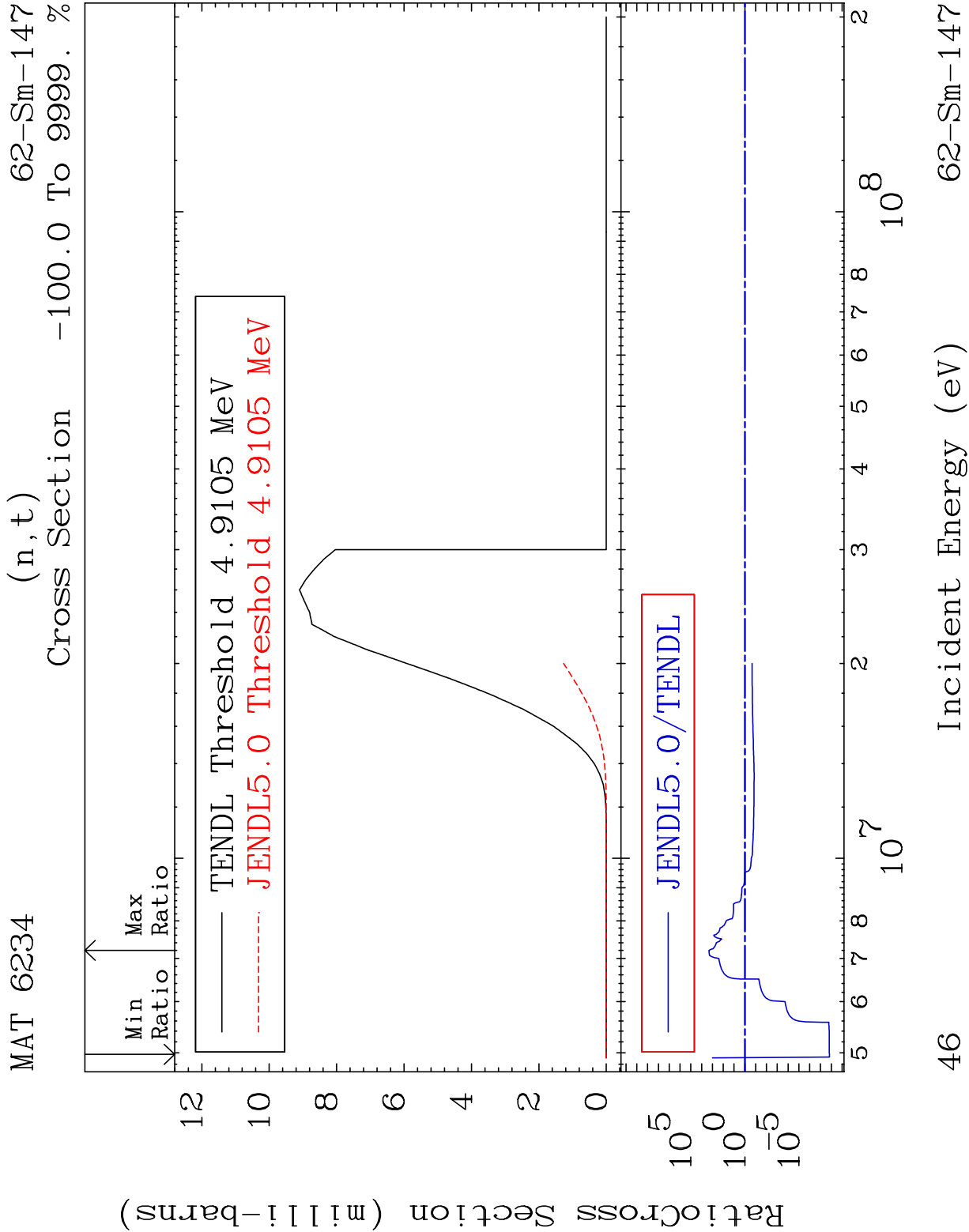




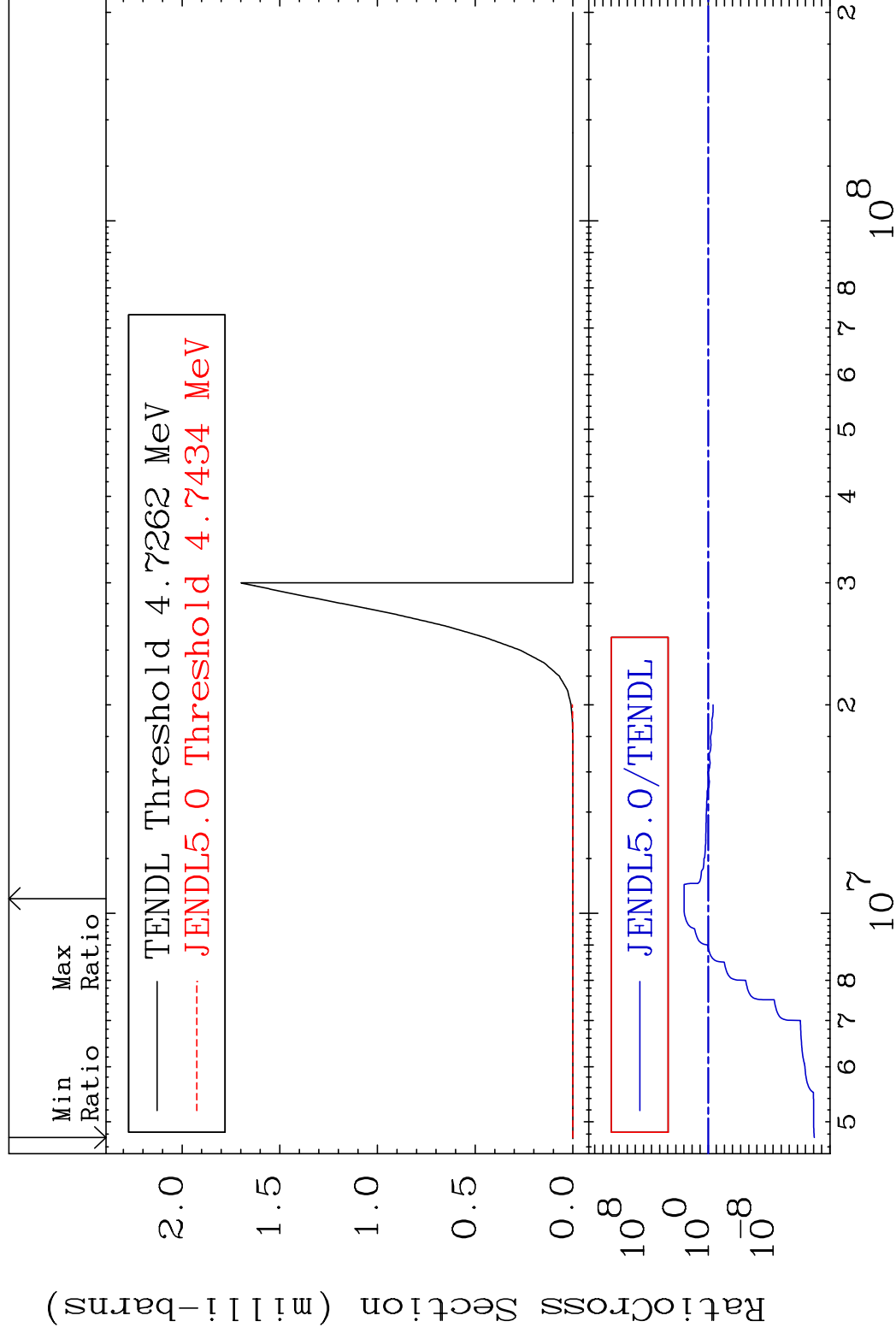


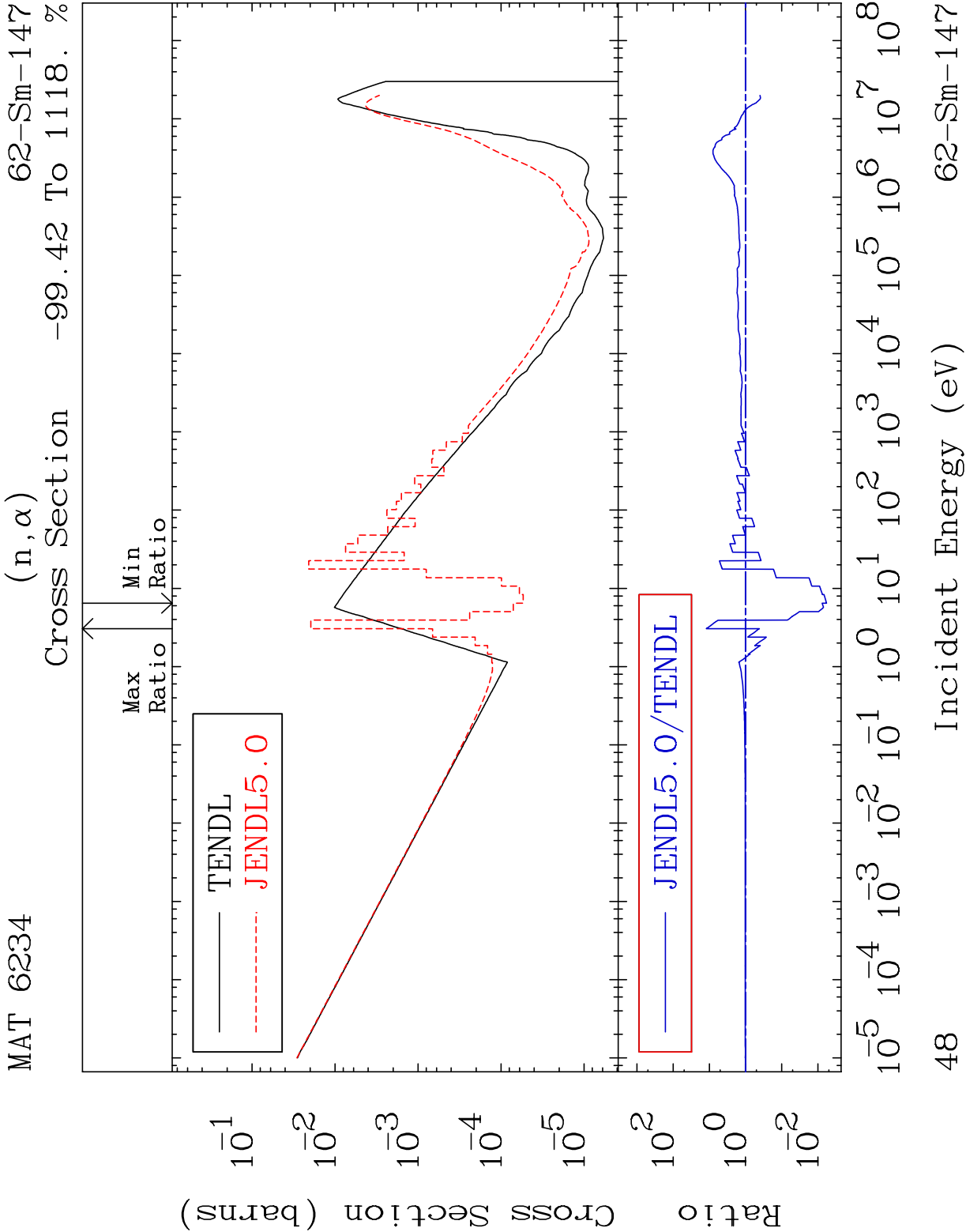


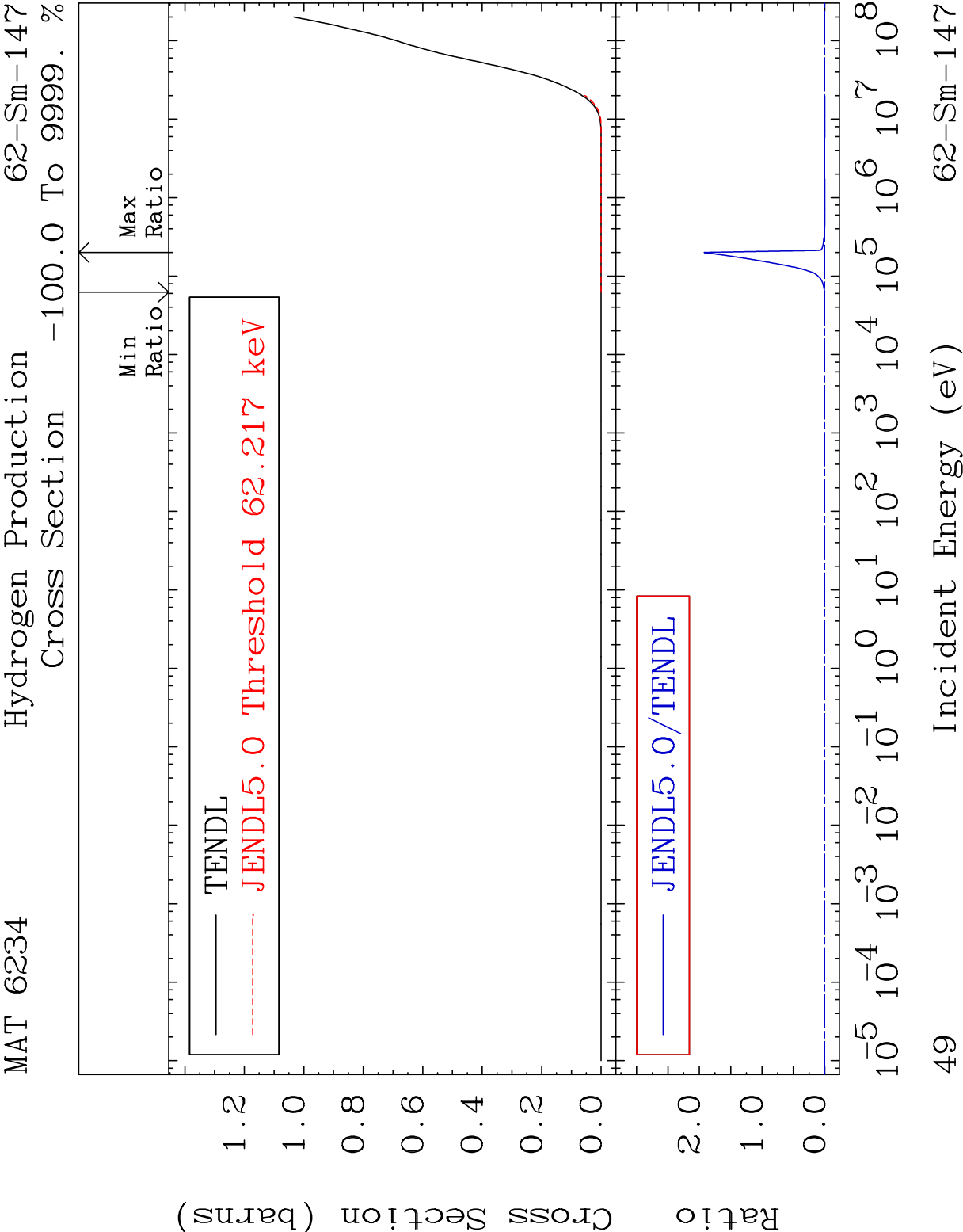


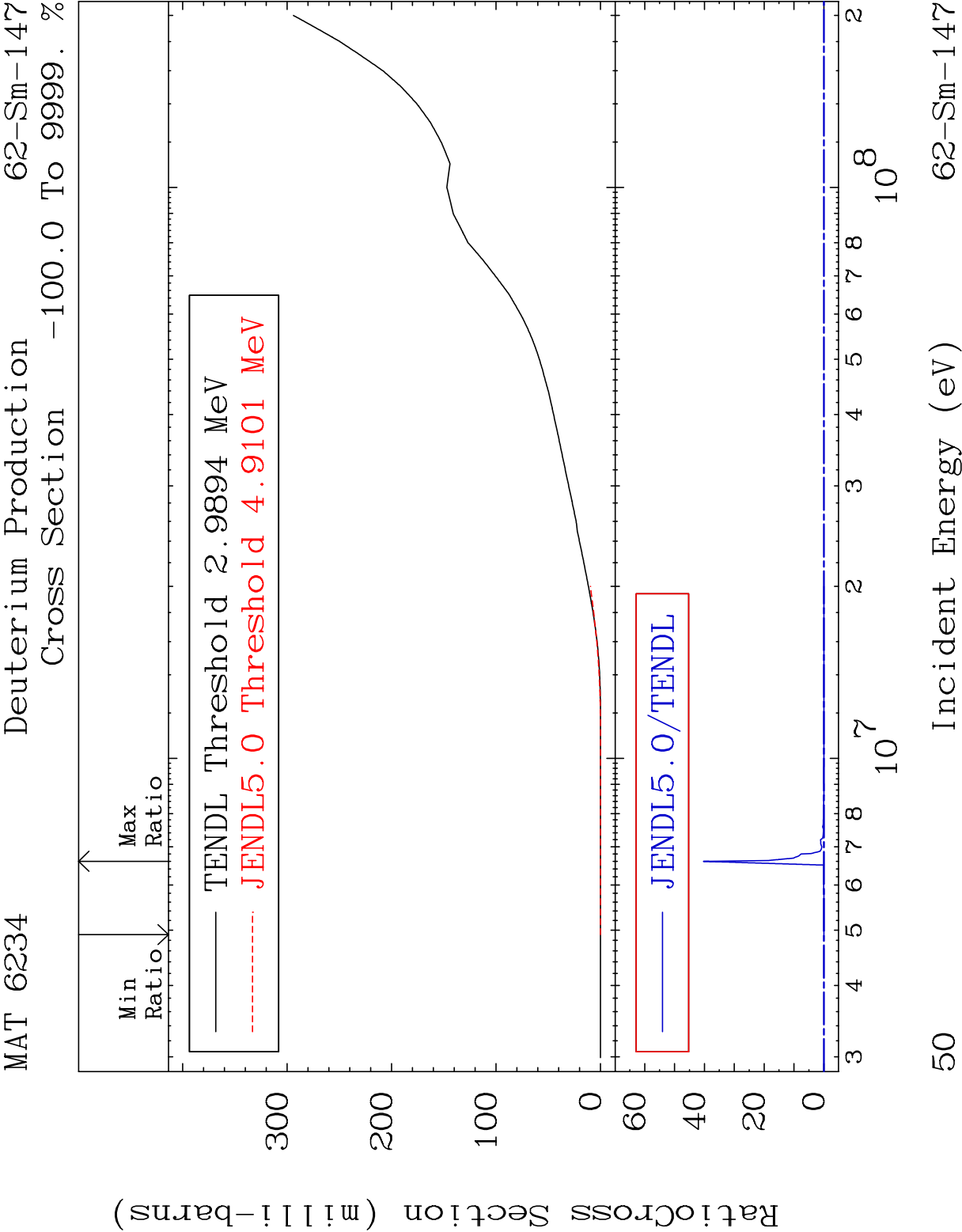


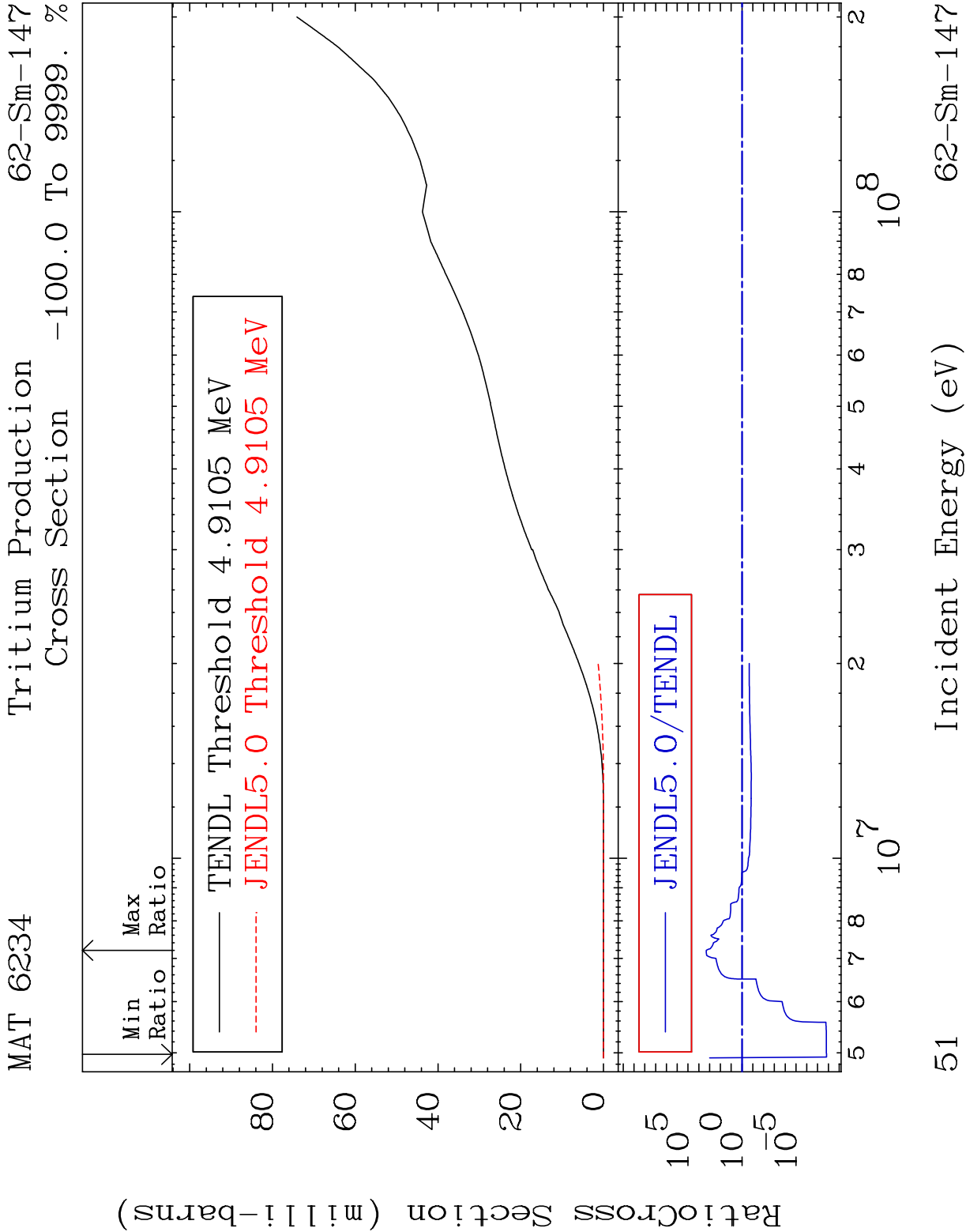
Cross Section -100.0 To 9999. %

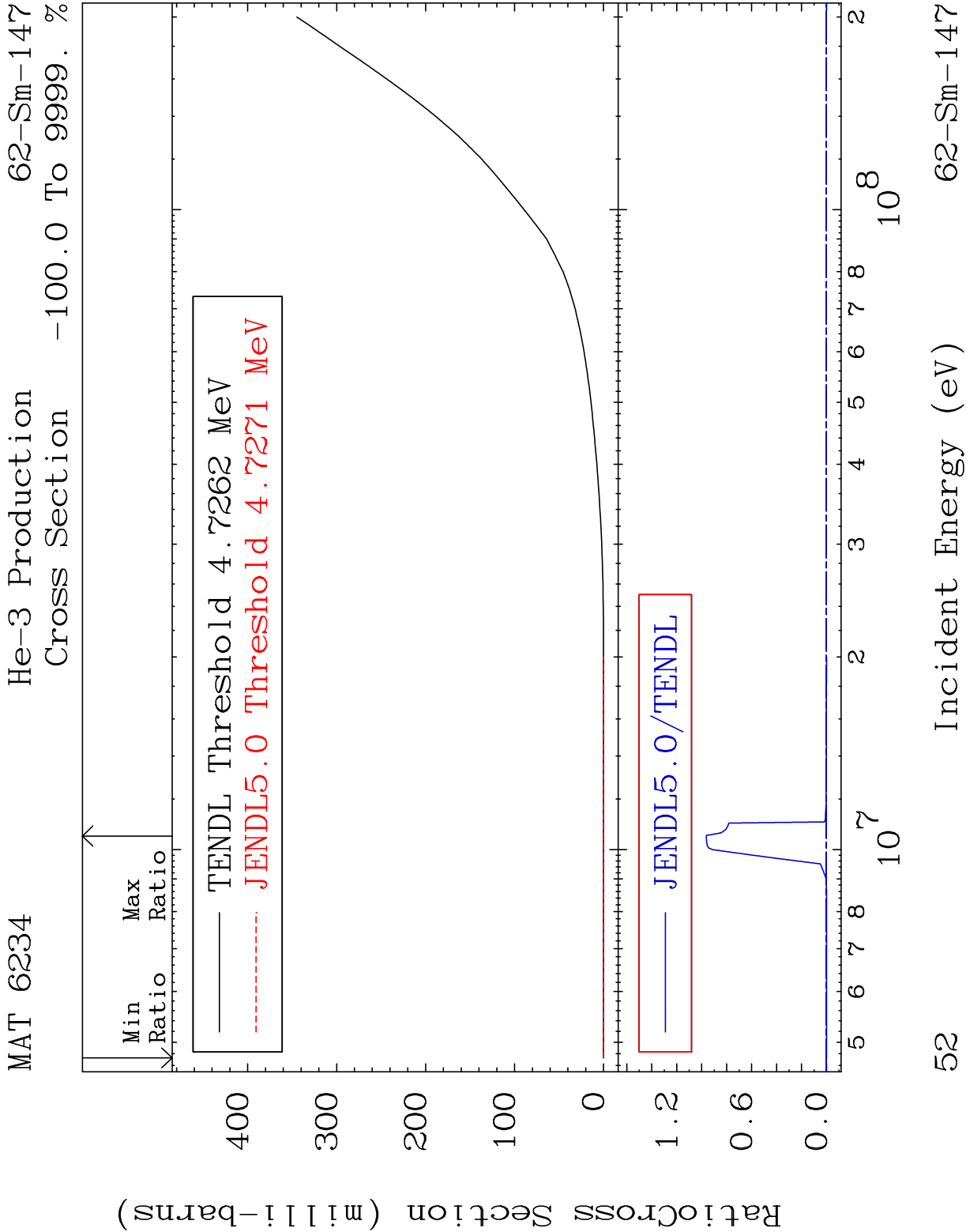


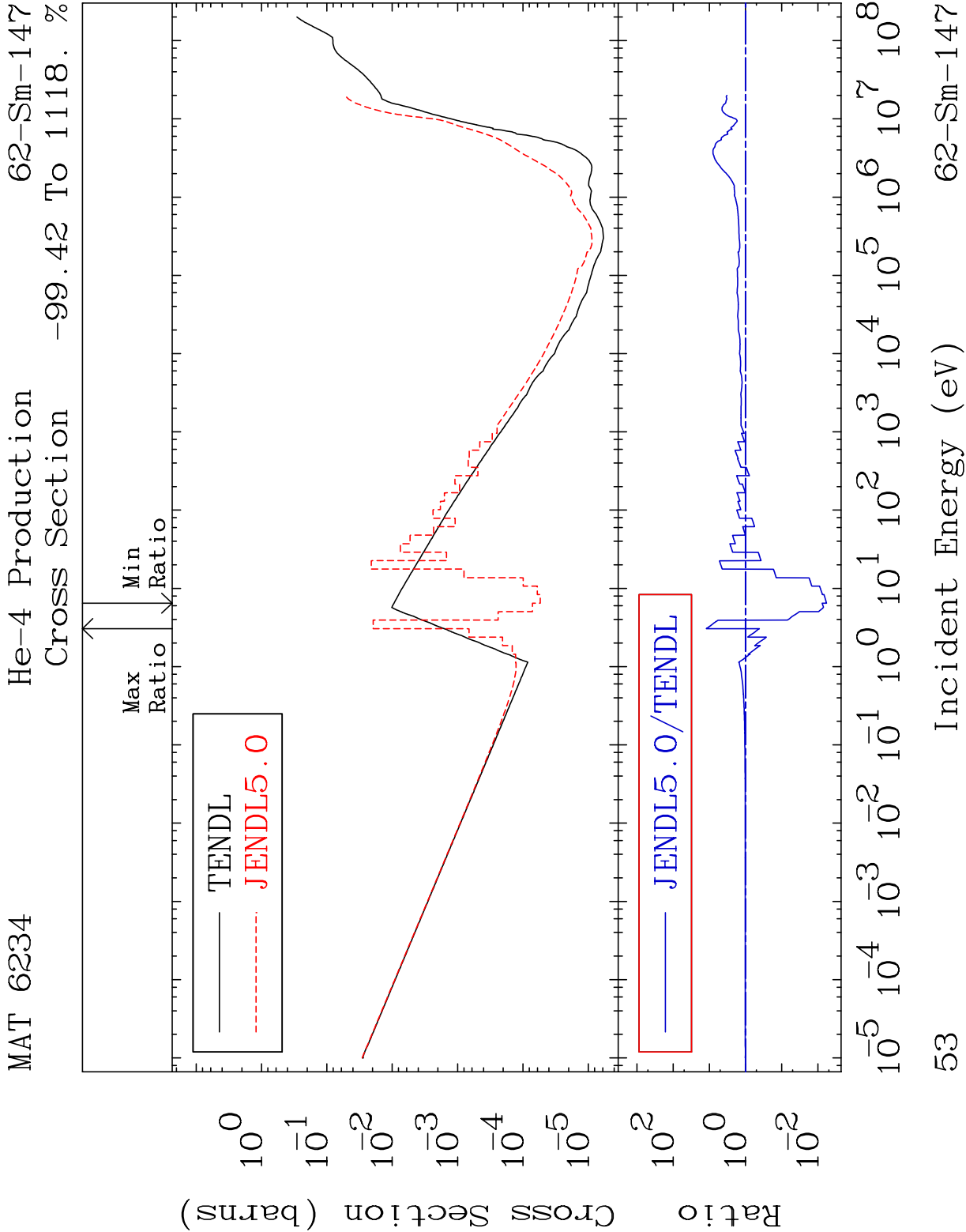




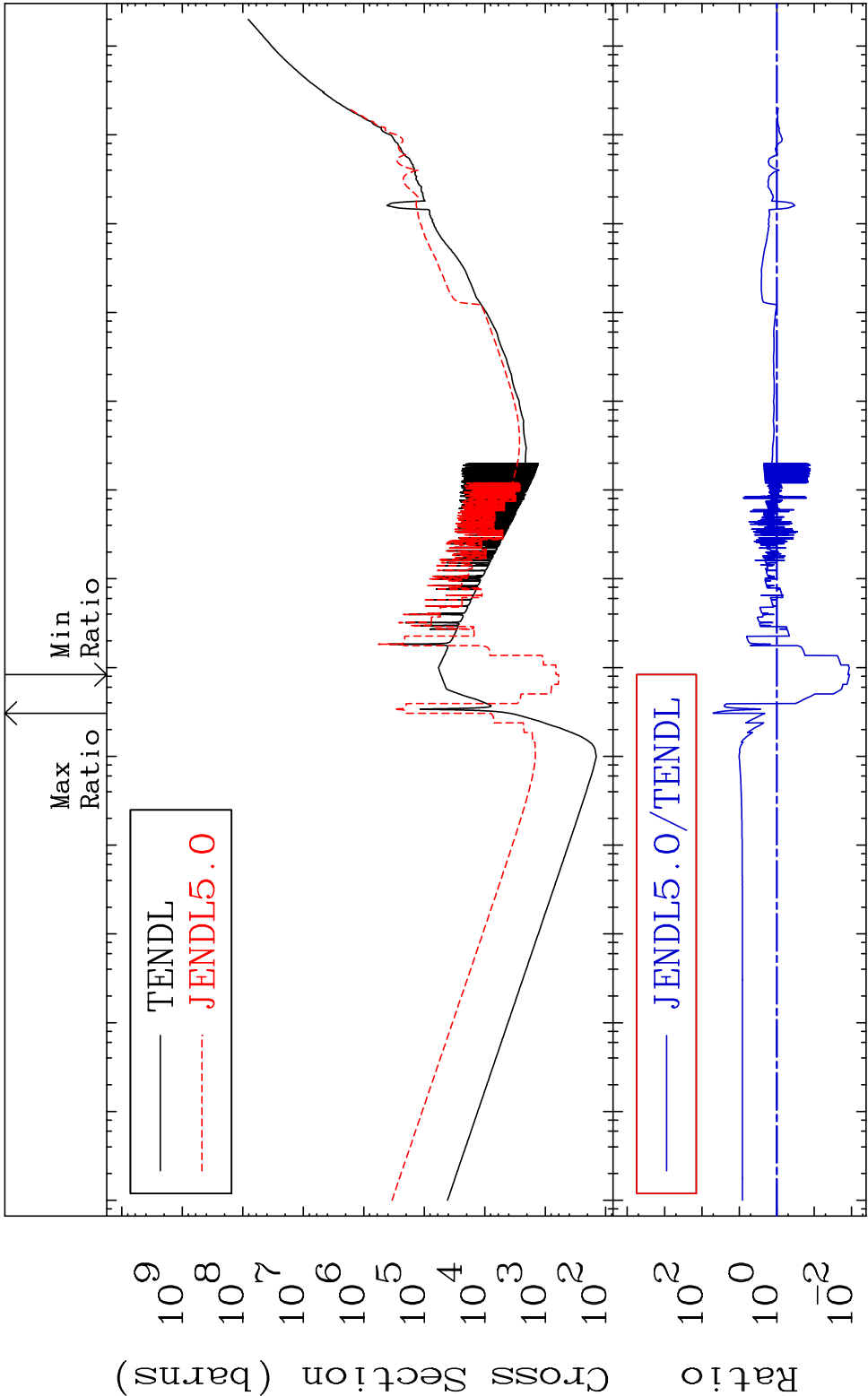




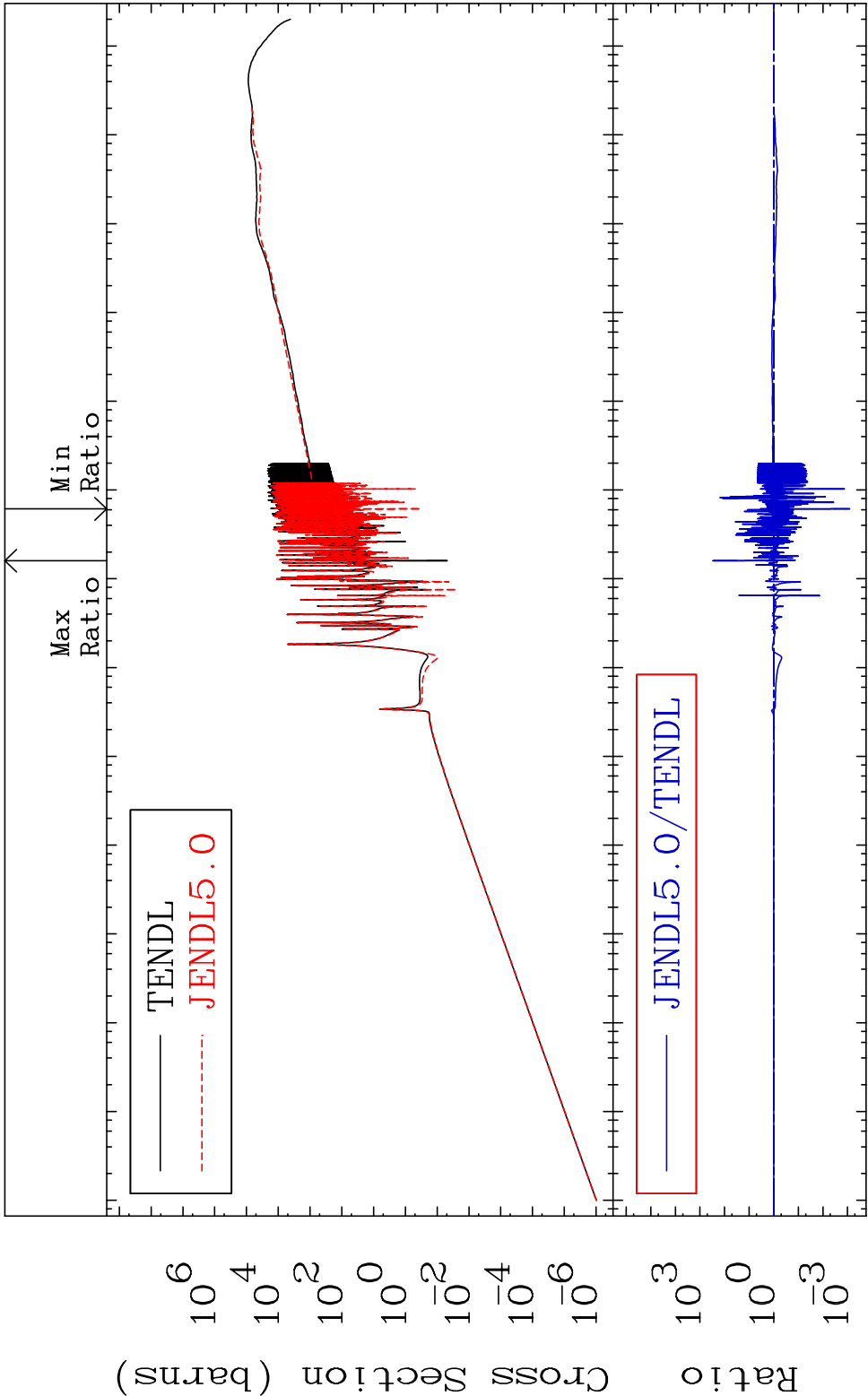




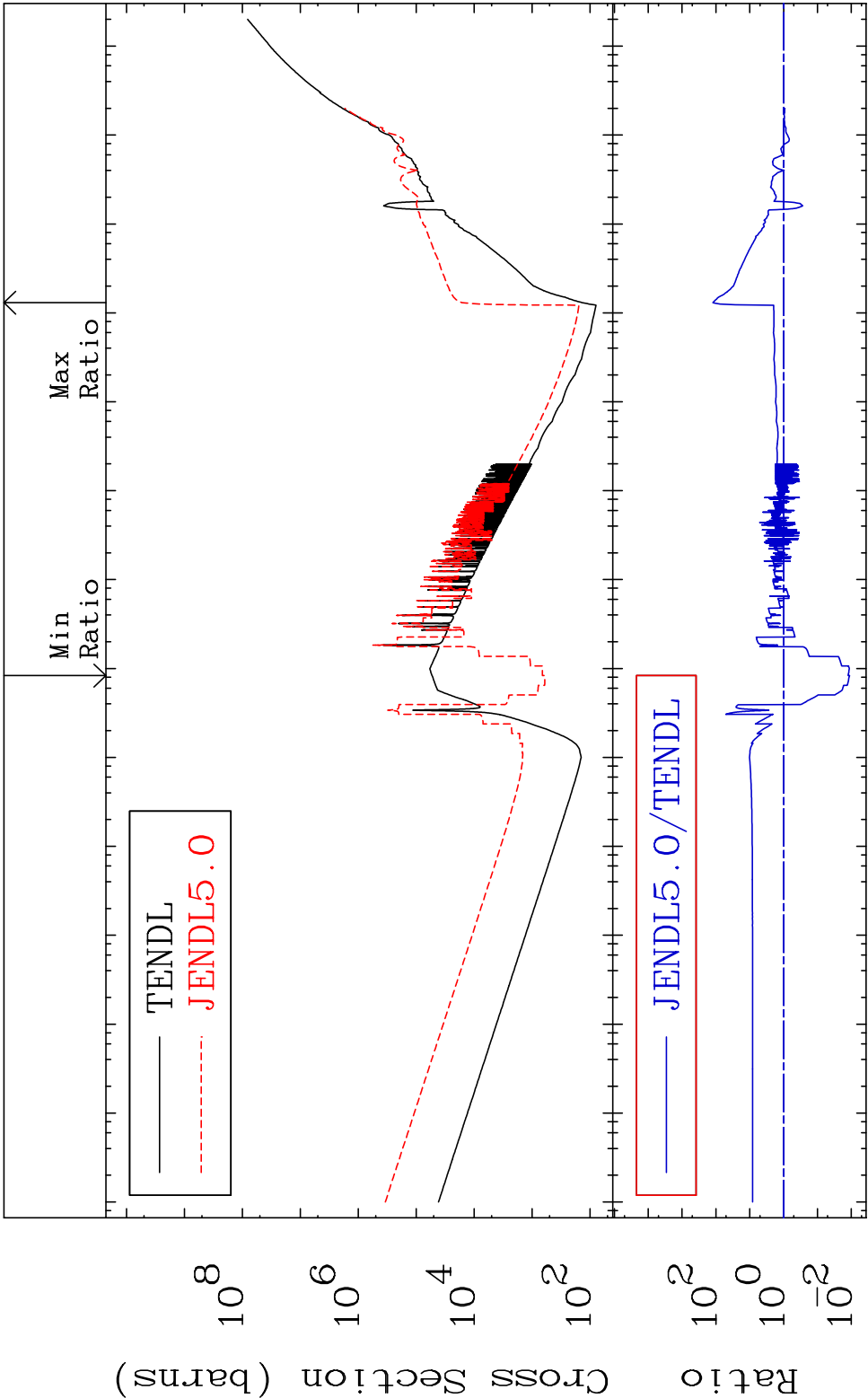
MAT 6234 Kerma total (eV-barns) 62-Sm-147
Cross Section -98.87 To 4986. %

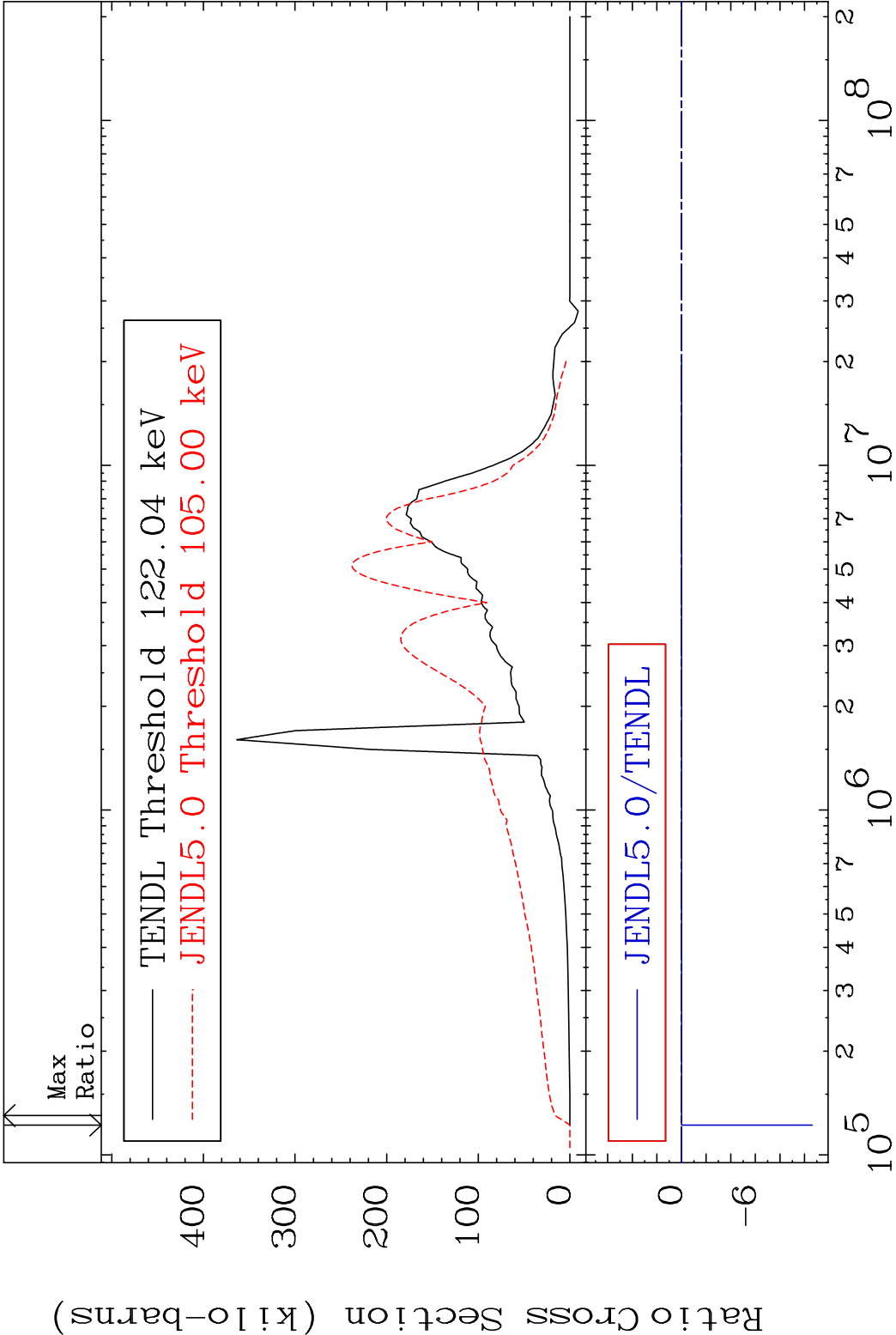


54 Incident Energy (eV) 62-Sm-147

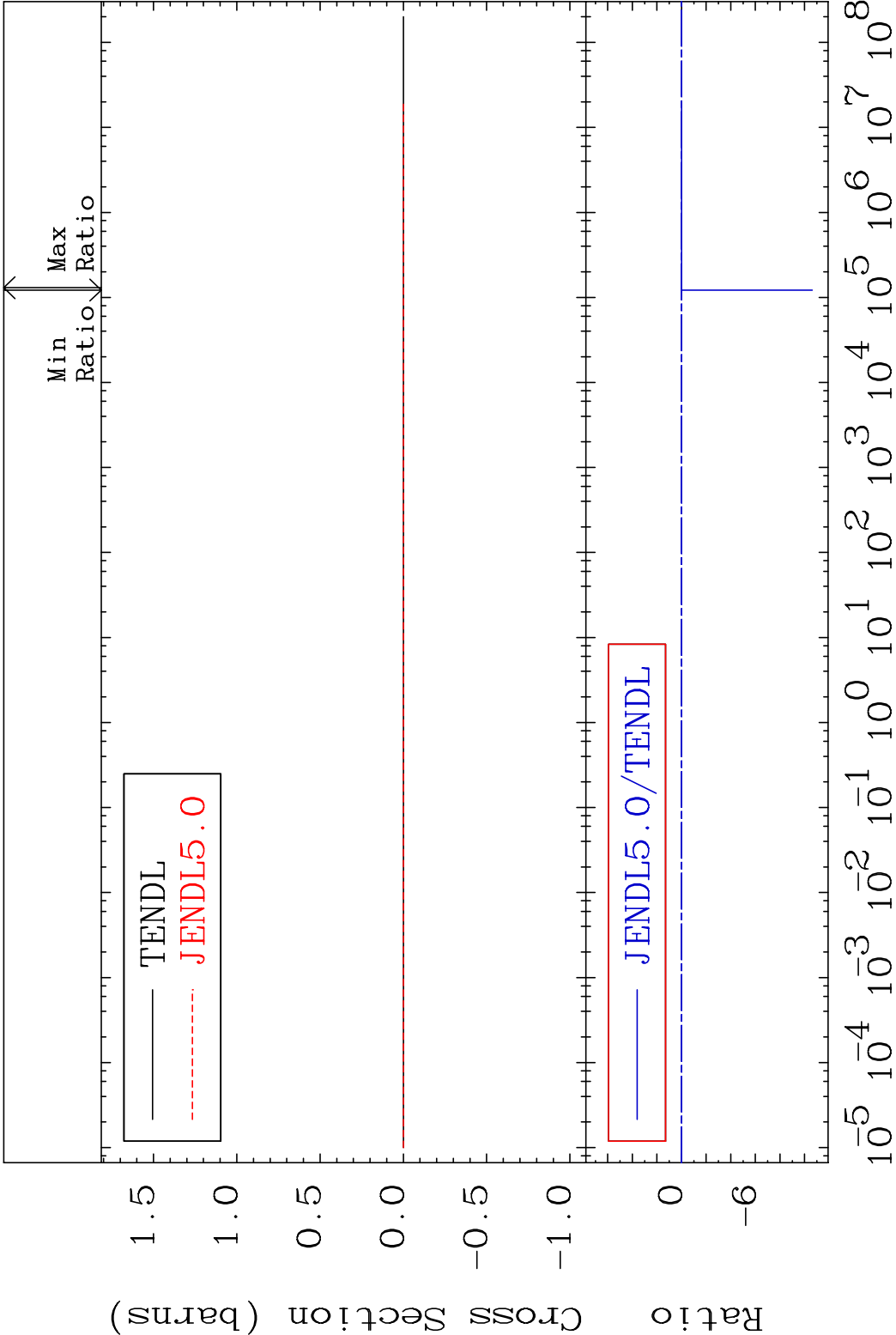


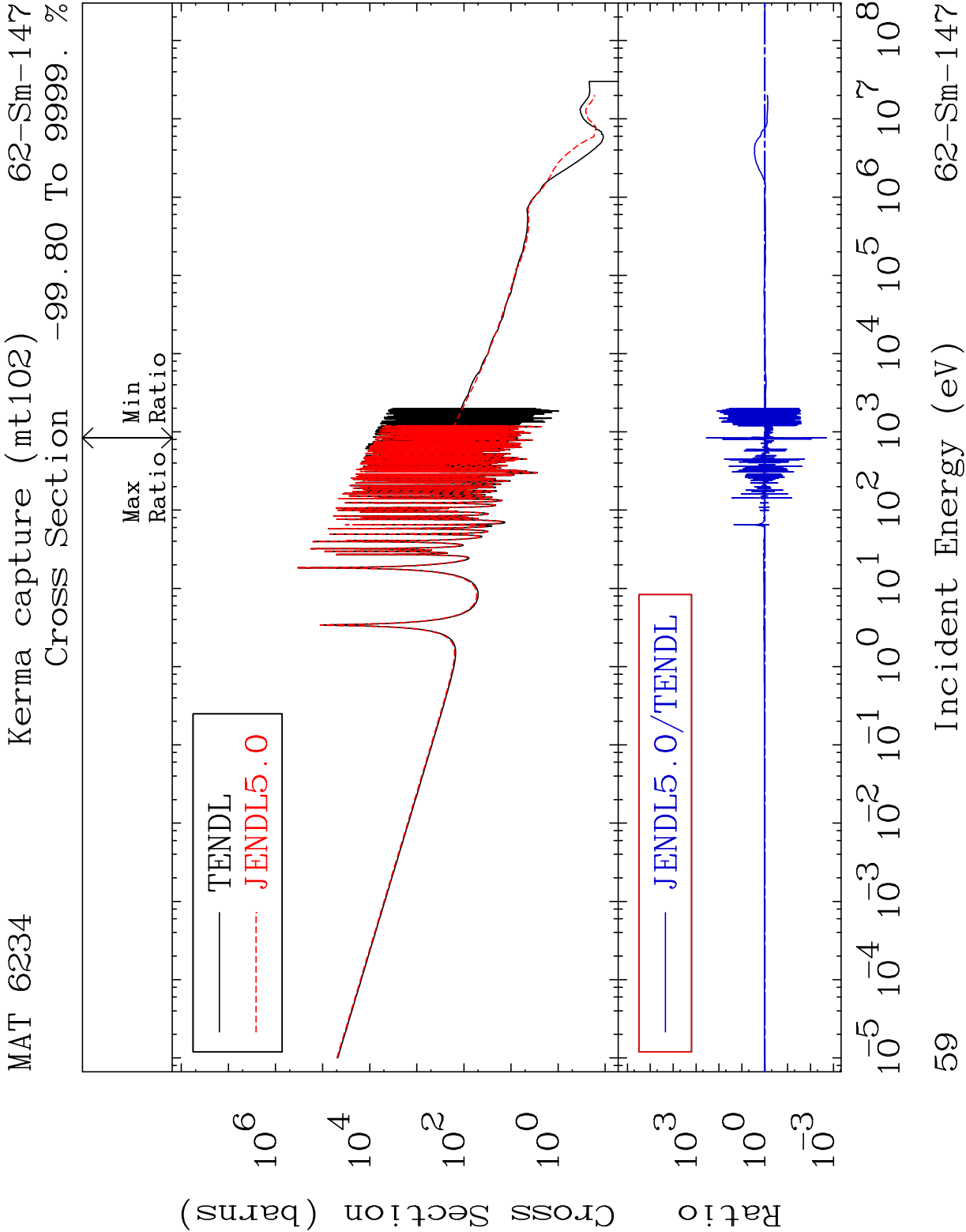
MAT 6234 Kerma non-elastic (all but mt2) 62-Sm-147
 Cross Section -98.87 To 9999. %

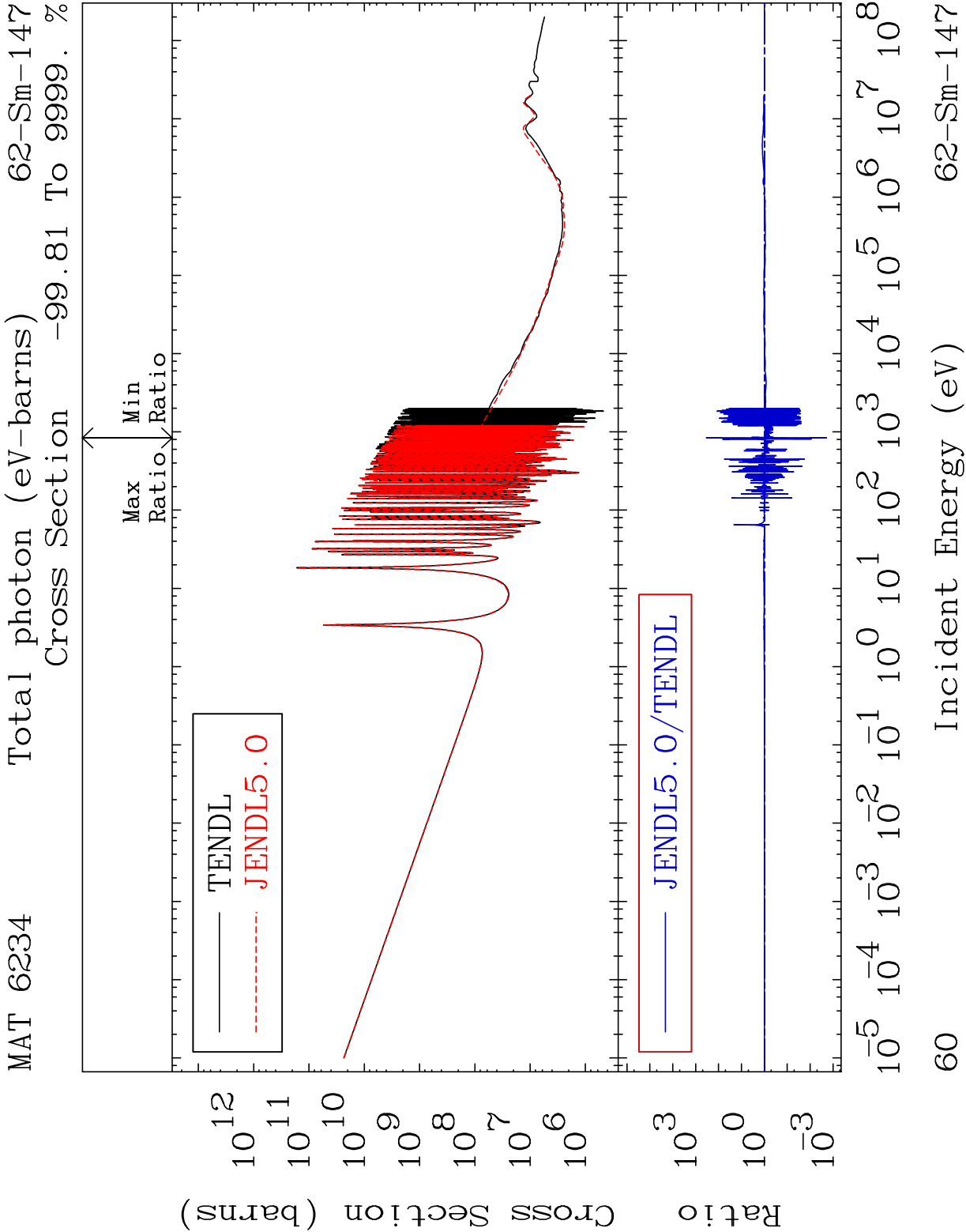




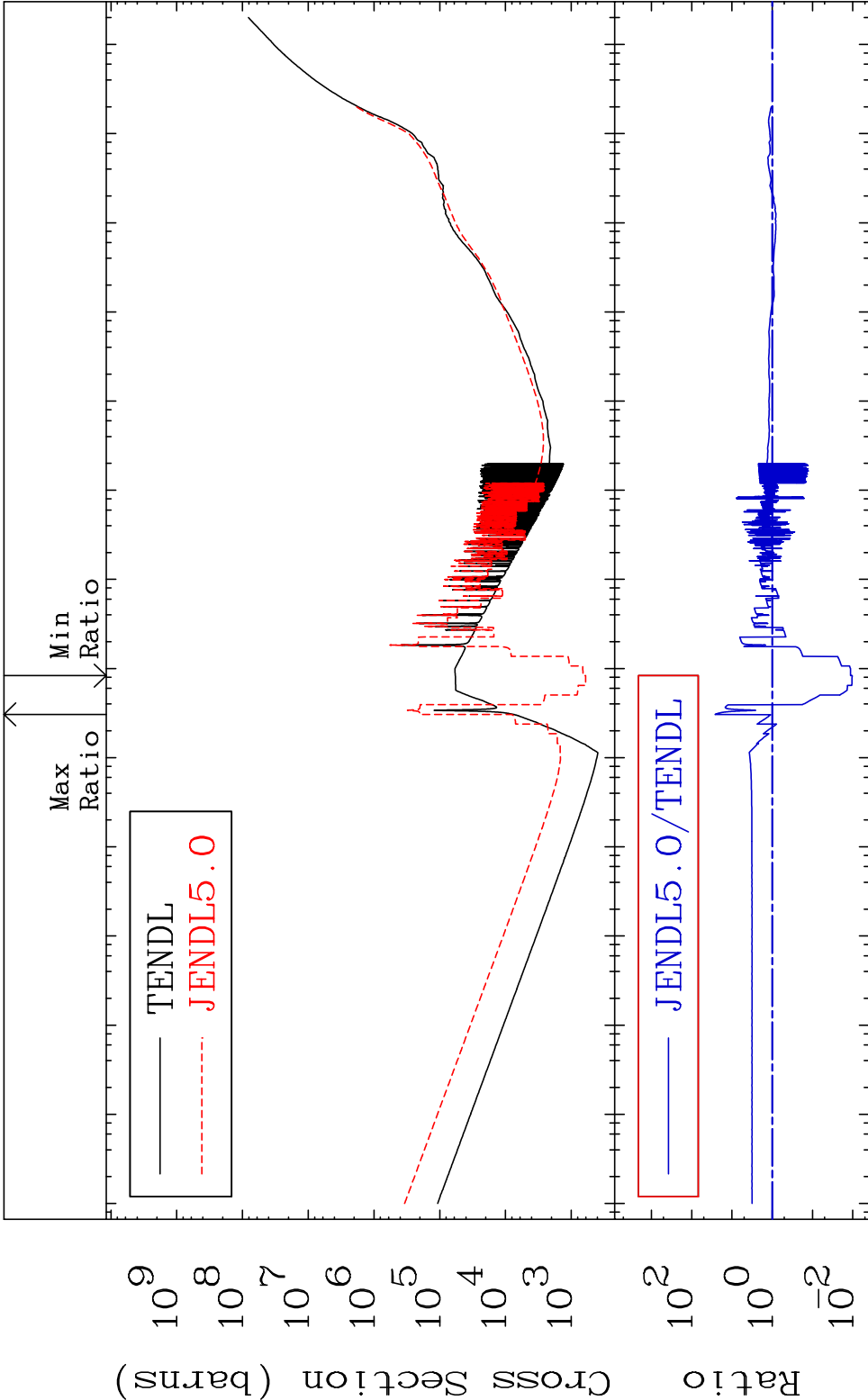
MAT 6234 Kerma fission (mt18 or mt19-20-21-38)62-Sm-147
Cross Section -9999. To 9999. %





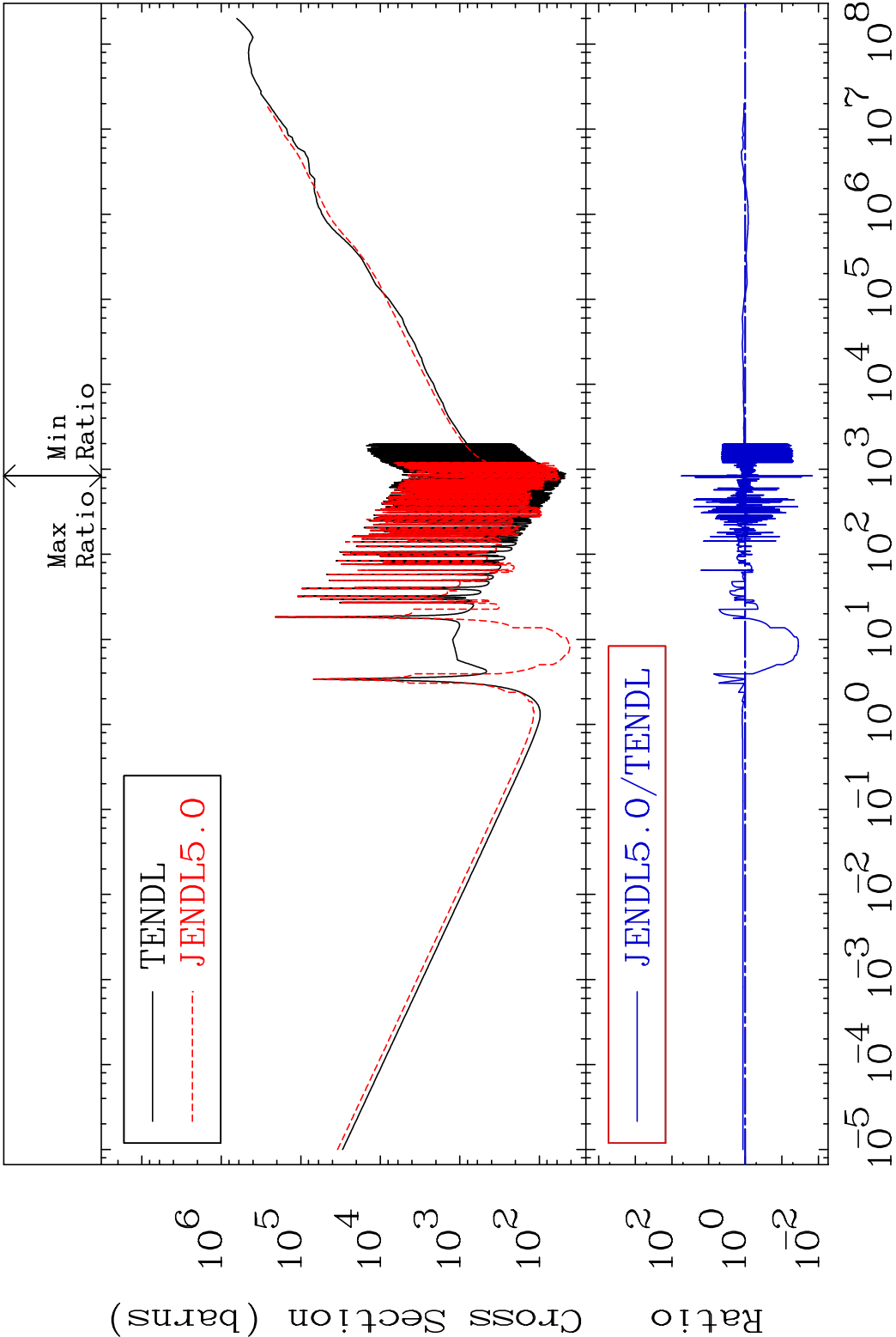


MAT 6234 Total kinematic kerma (high limit) 62-Sm-147
Cross Section -98.96 To 2529. %



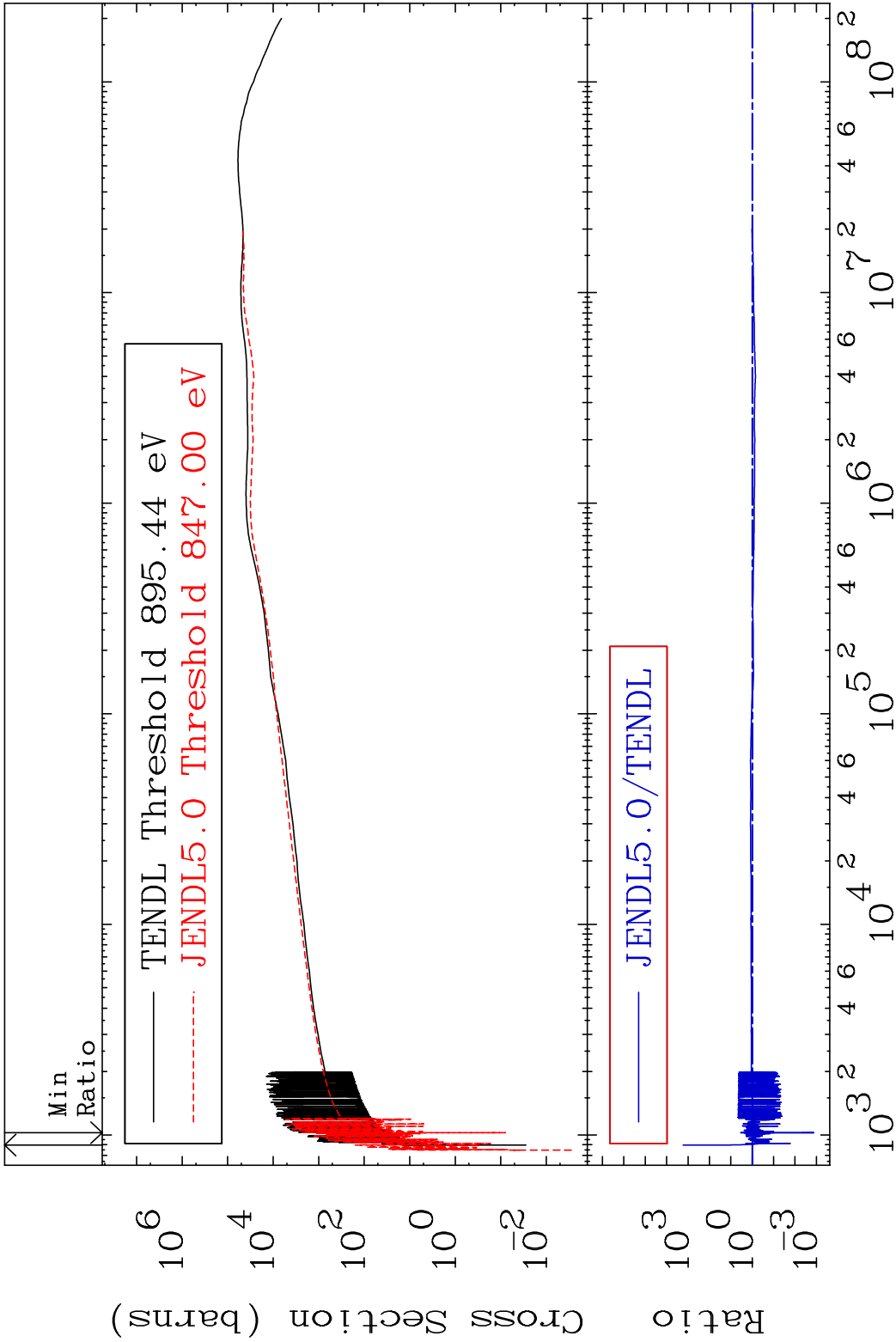
61 Incident Energy (eV) 62-Sm-147

MAT 6234	Dpa total (eV-barns)	62-Sm-147
	Cross Section	-98.52 To 5386. %

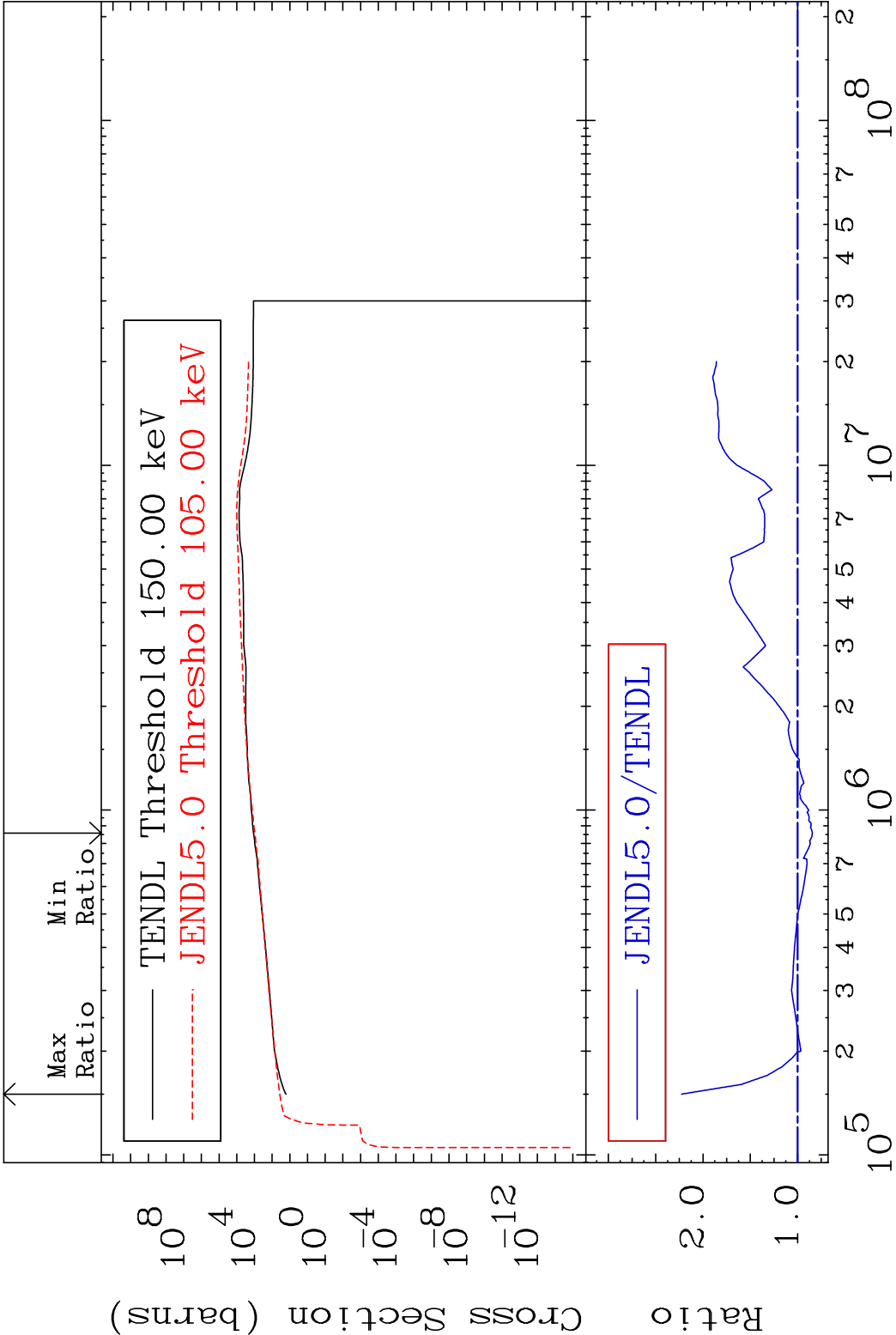


62	Incident Energy (eV)	62-Sm-147
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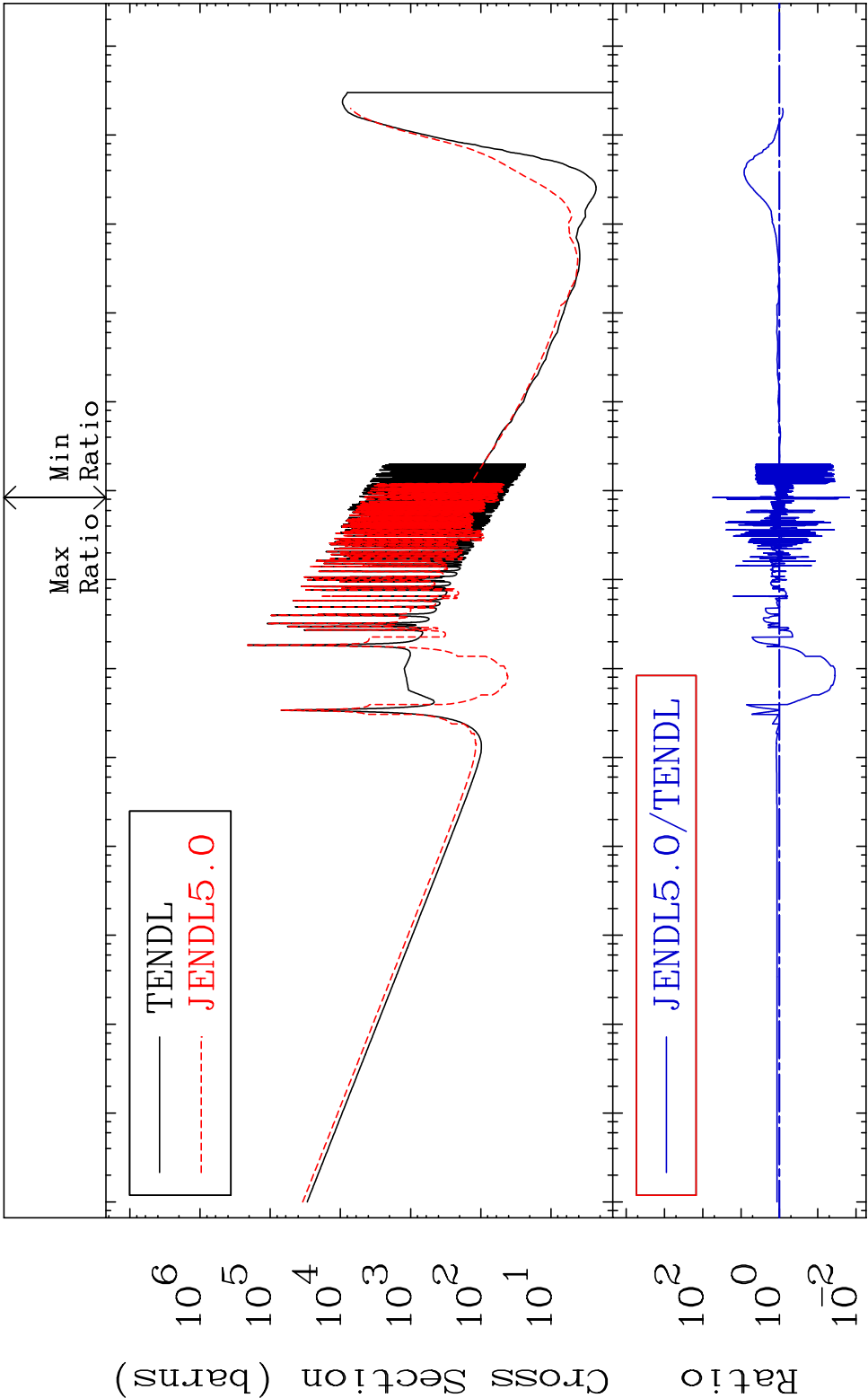
MAT 6234	Dpa elastic (mt2)	62-Sm-147
	Cross Section	-99.87 To 9999. %



63	Incident Energy (eV)	62-Sm-147
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MAT 6234 Dpa disappearance (mt102 -120) 62-Sm-147
Cross Section -98.52 To 5386. %



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

65 Incident Energy (eV) 62-Sm-147

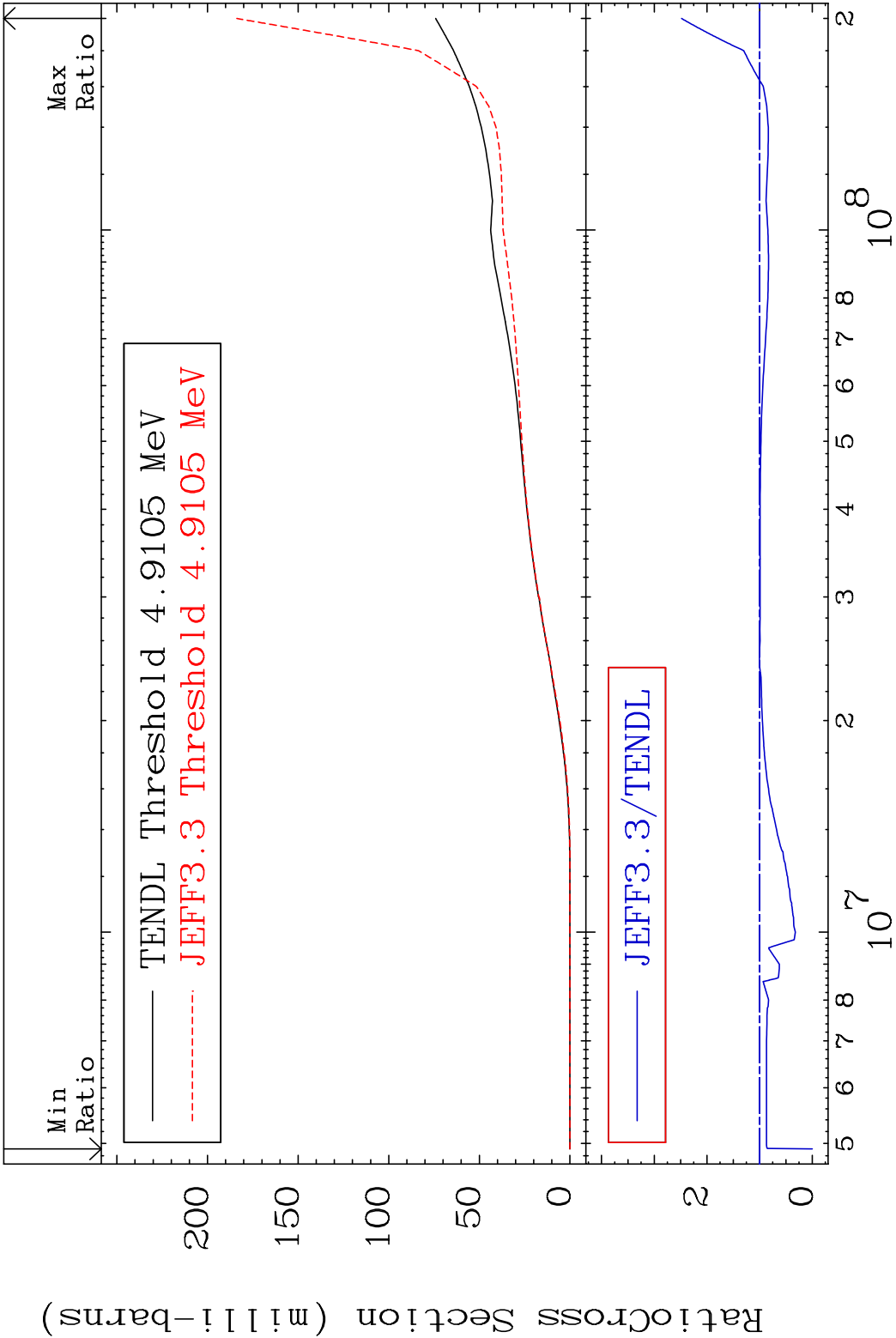
MAT 6234

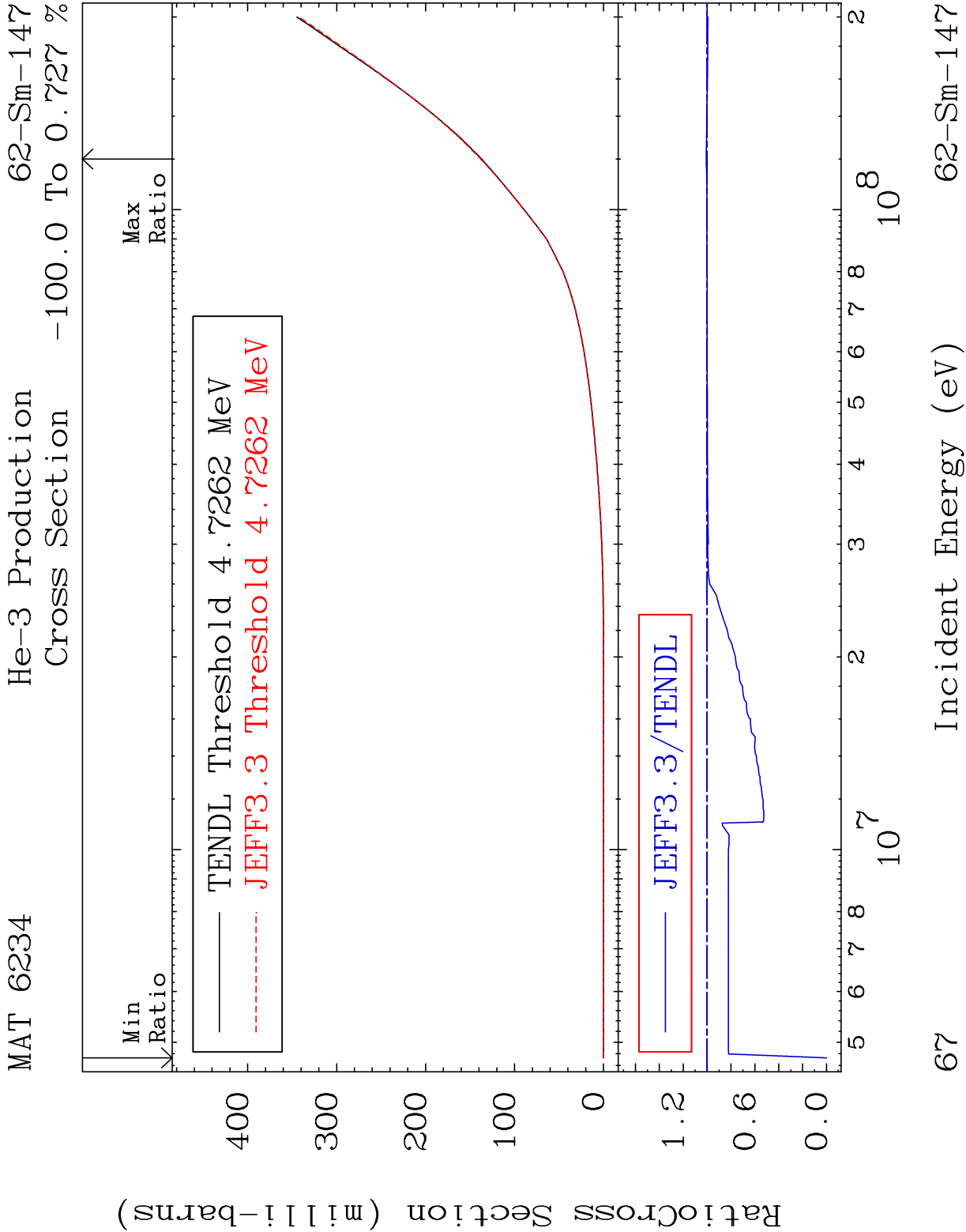
Tritium Production

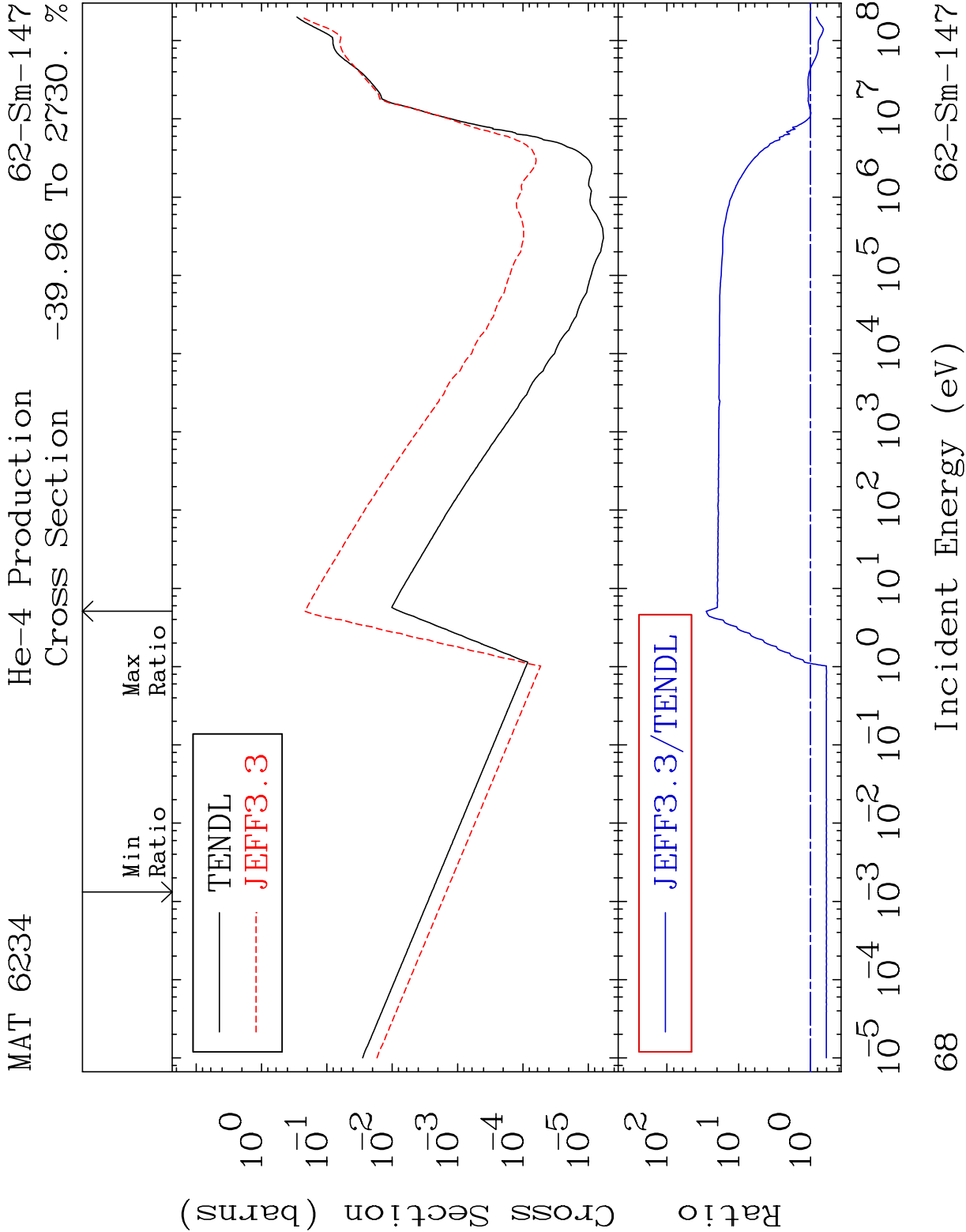
Cross Section

62-Sm-147

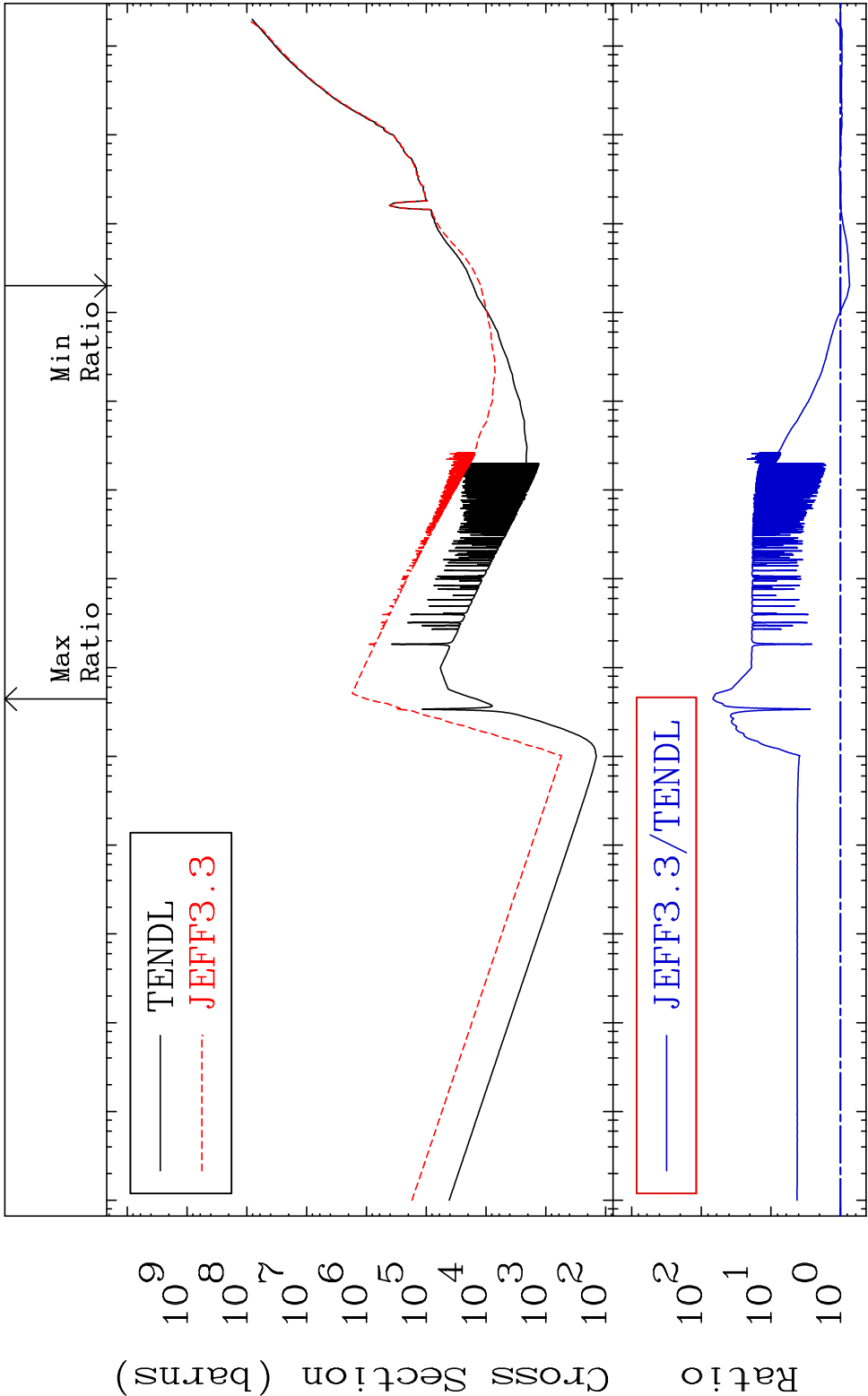
-100.0 To 148.2 %



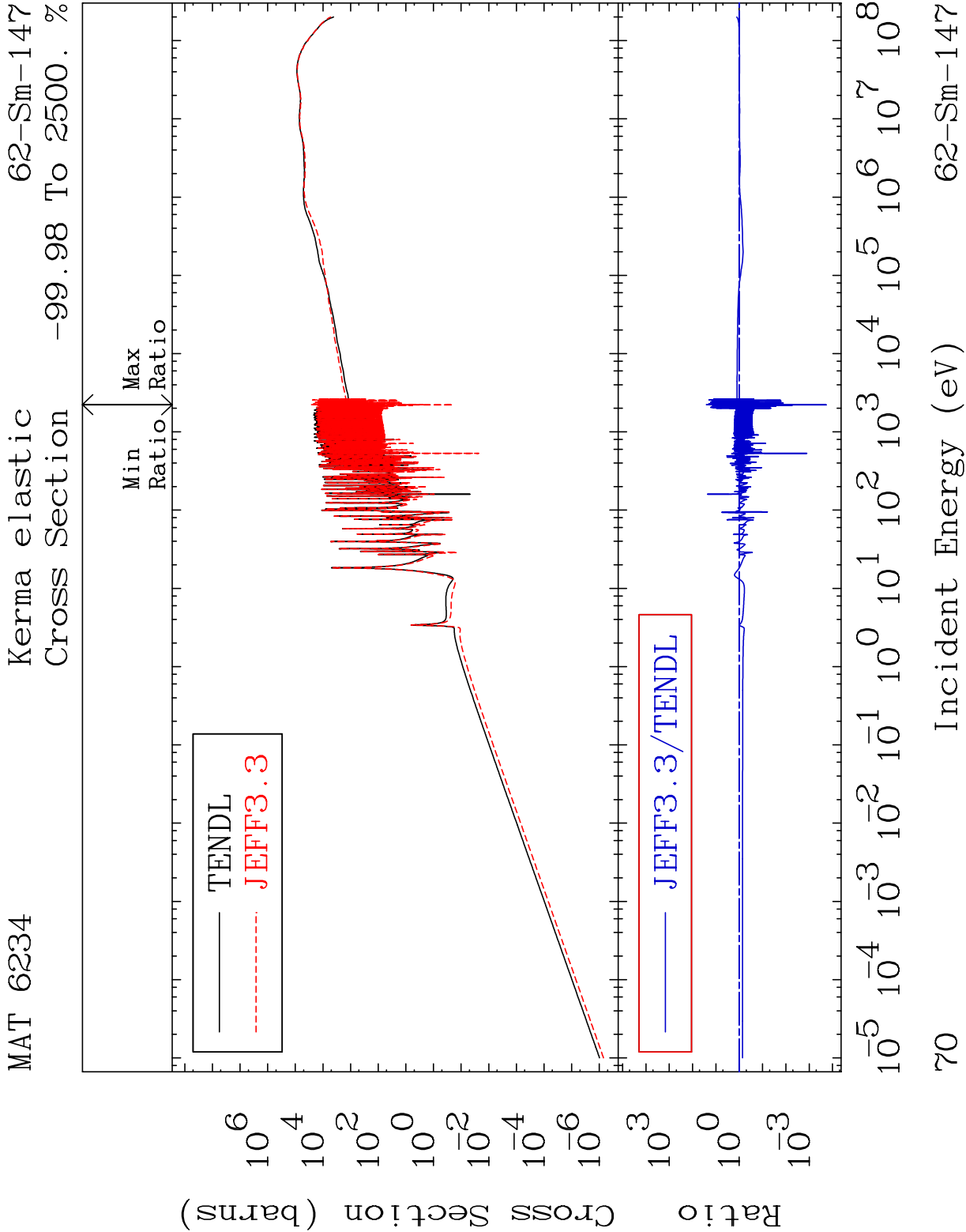




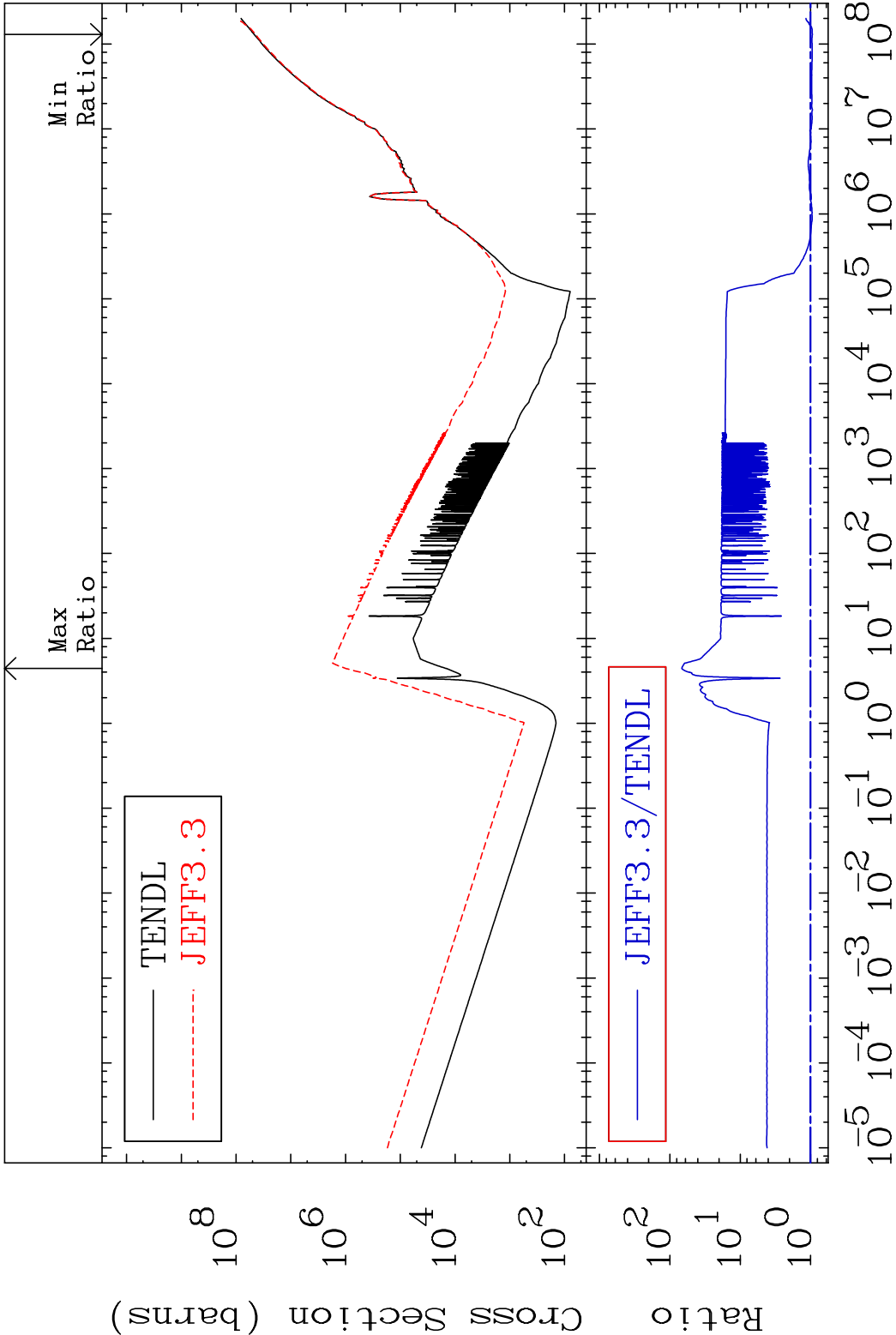
MAT 6234 Kerma total (eV-barns) 62-Sm-147
Cross Section -25.89 To 6683. %



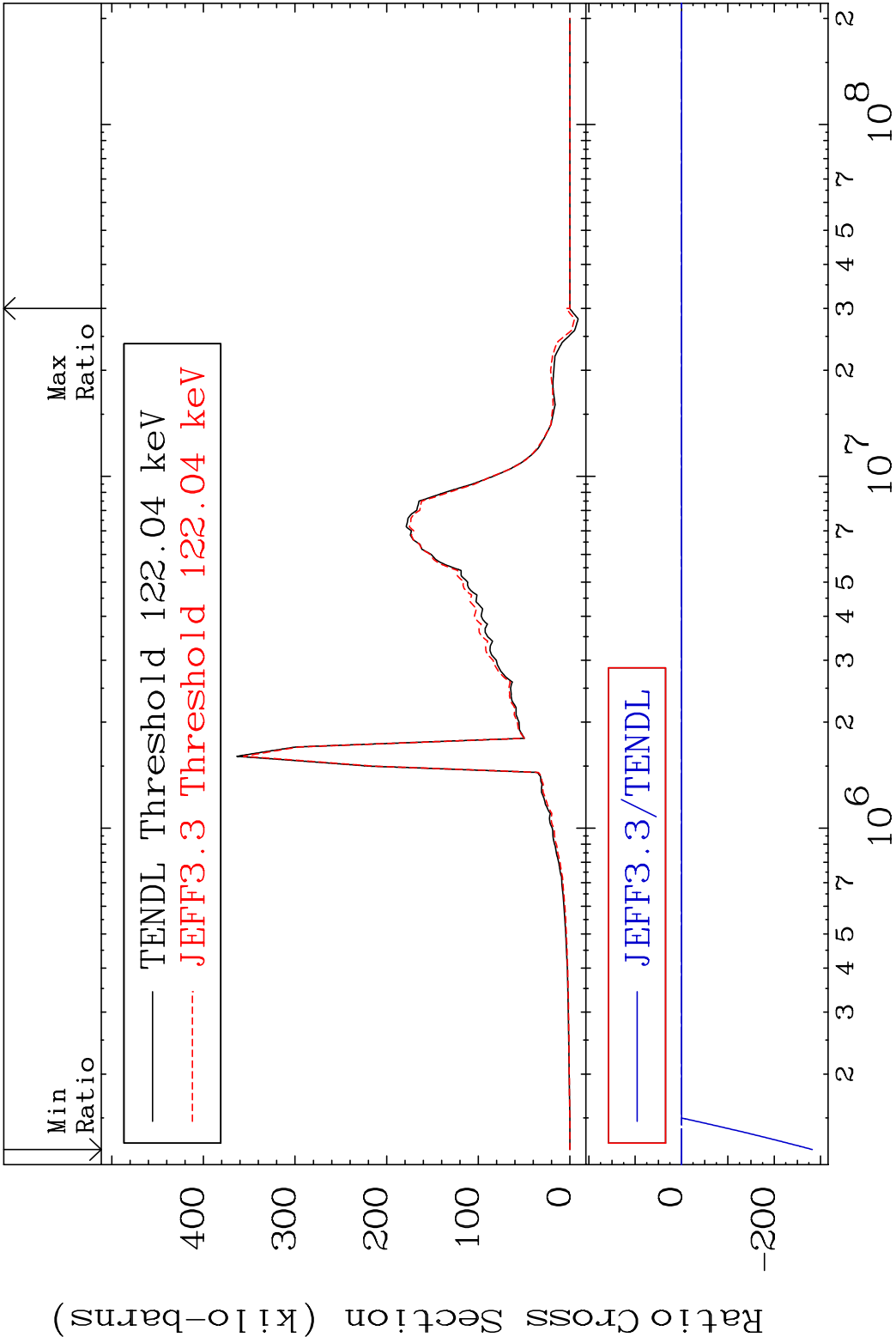
69 Incident Energy (eV) 62-Sm-147



MAT 6234 Kerma non-elastic (all but mt2) 62-Sm-147
Cross Section -5.388 To 6683. %

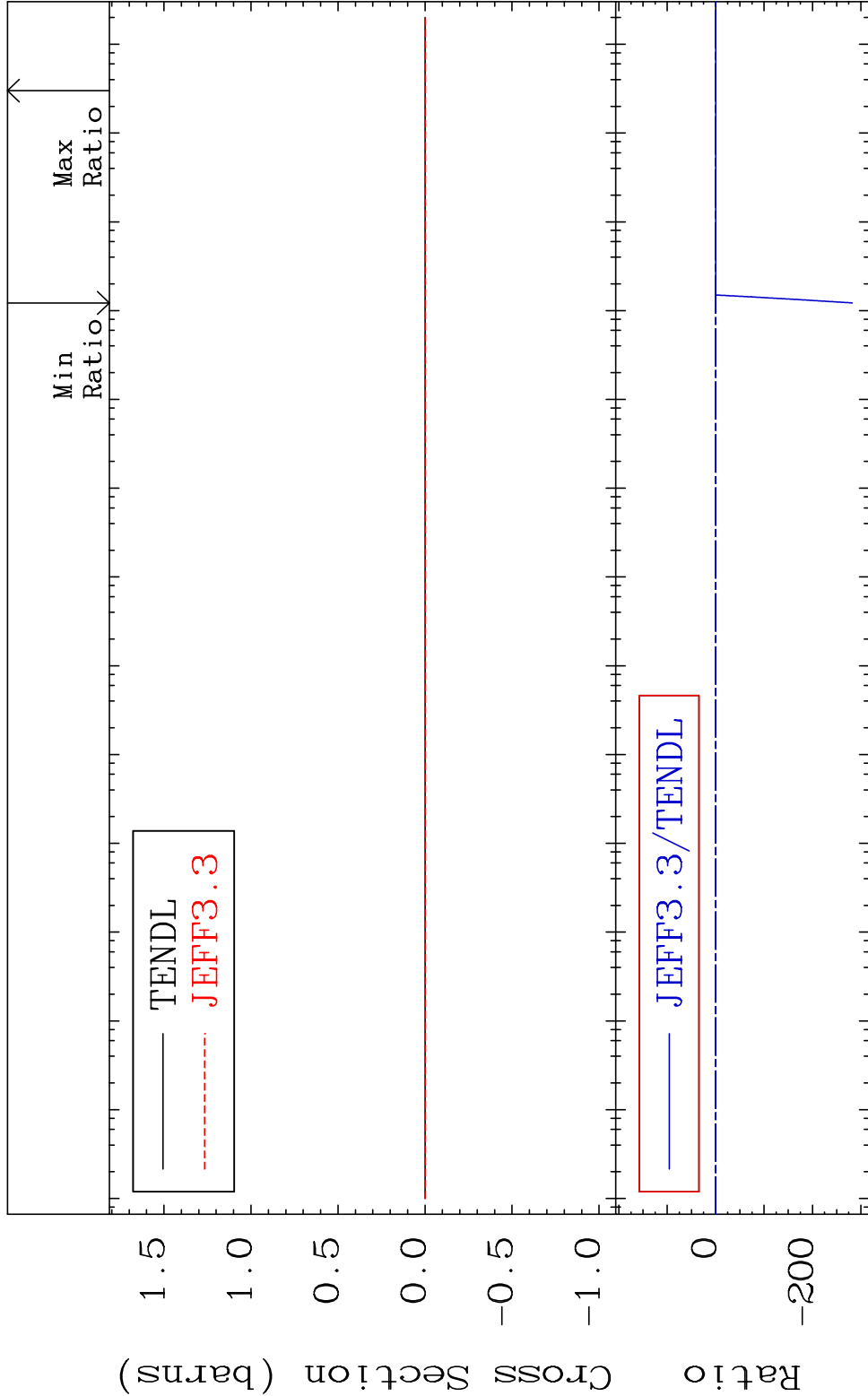


71 Incident Energy (eV) 62-Sm-147



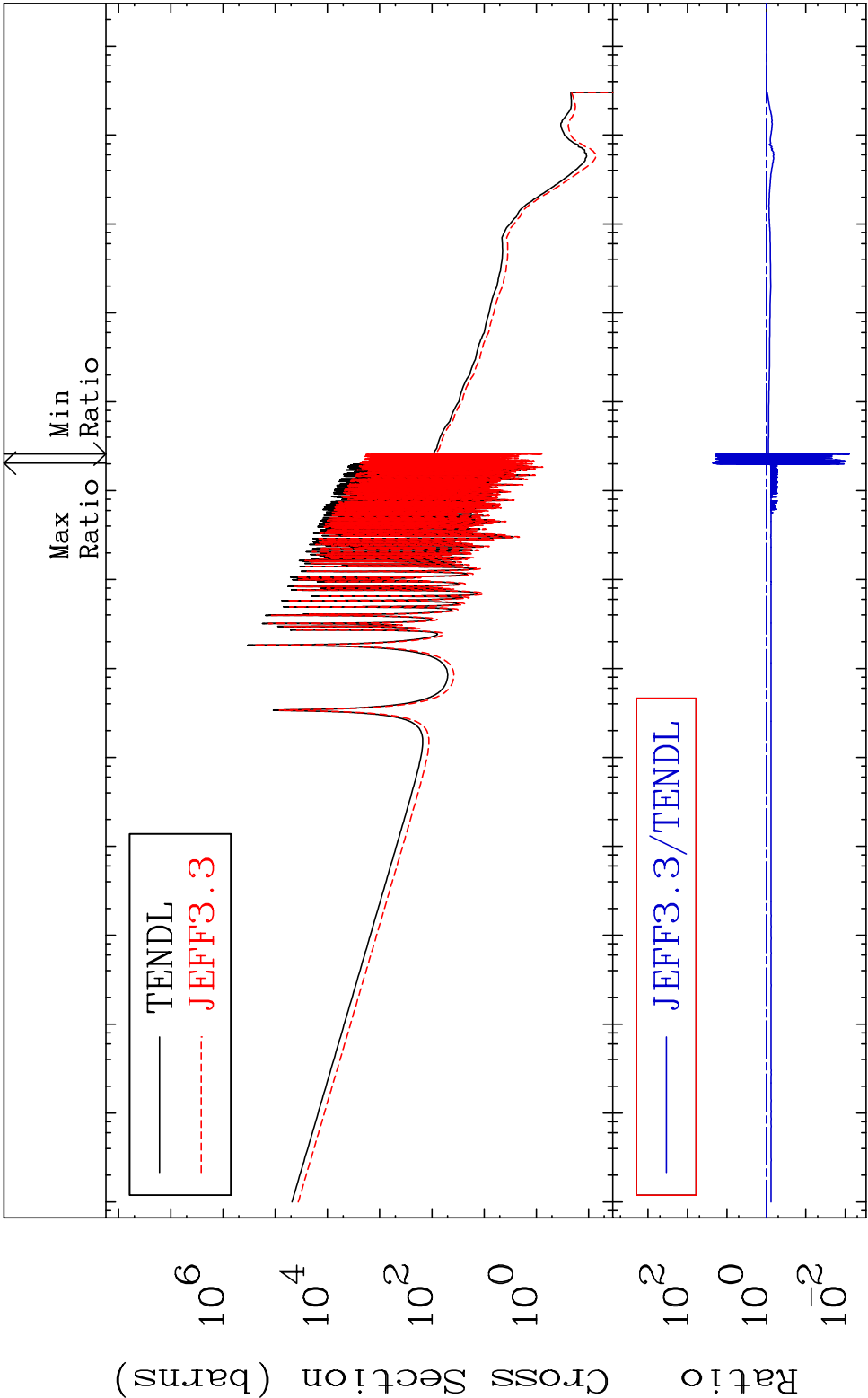
MAT 6234 Kerma fission (mt18 or mt19-20-21-38)62-Sm-147

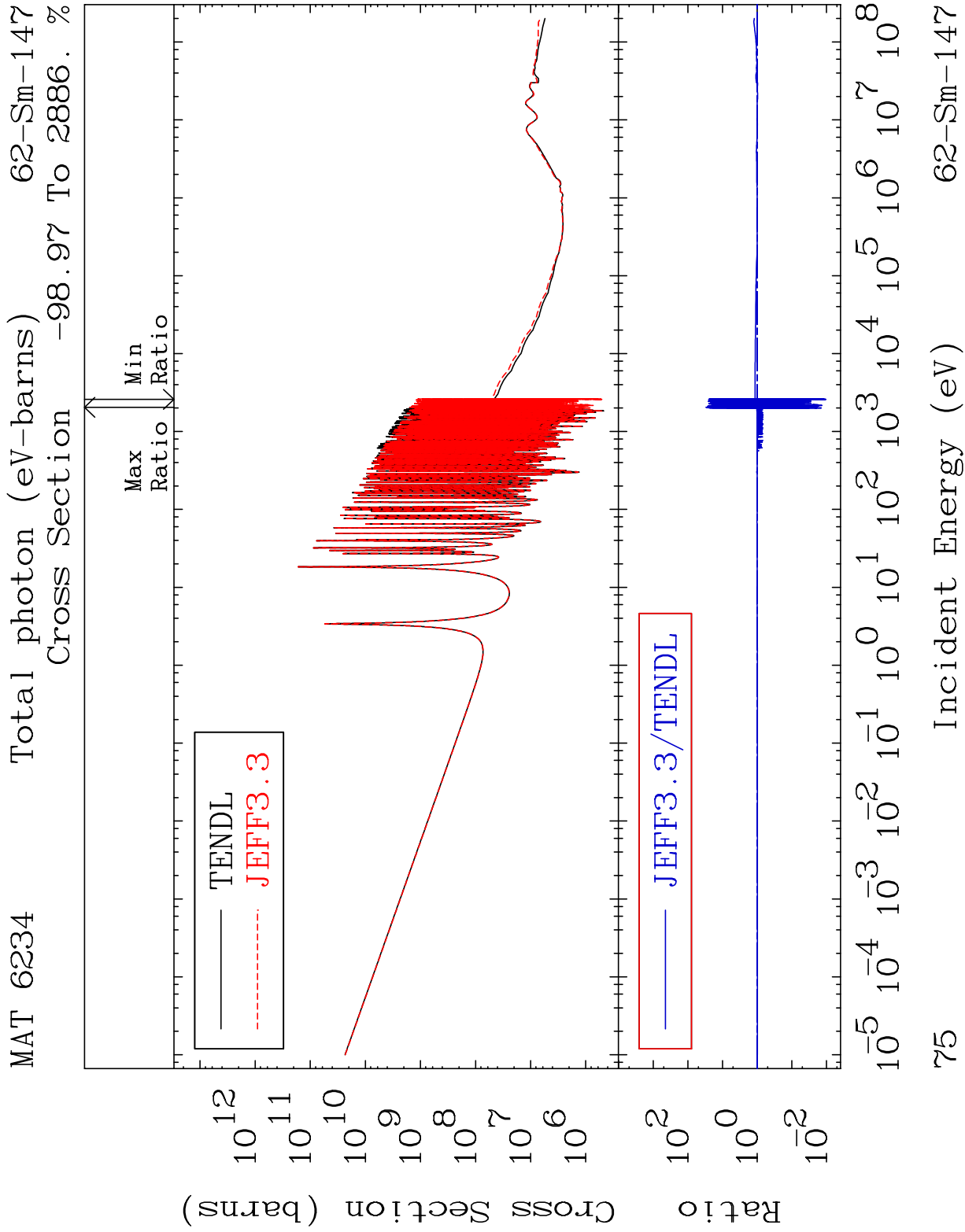
Cross Section -9999. To 1037. %



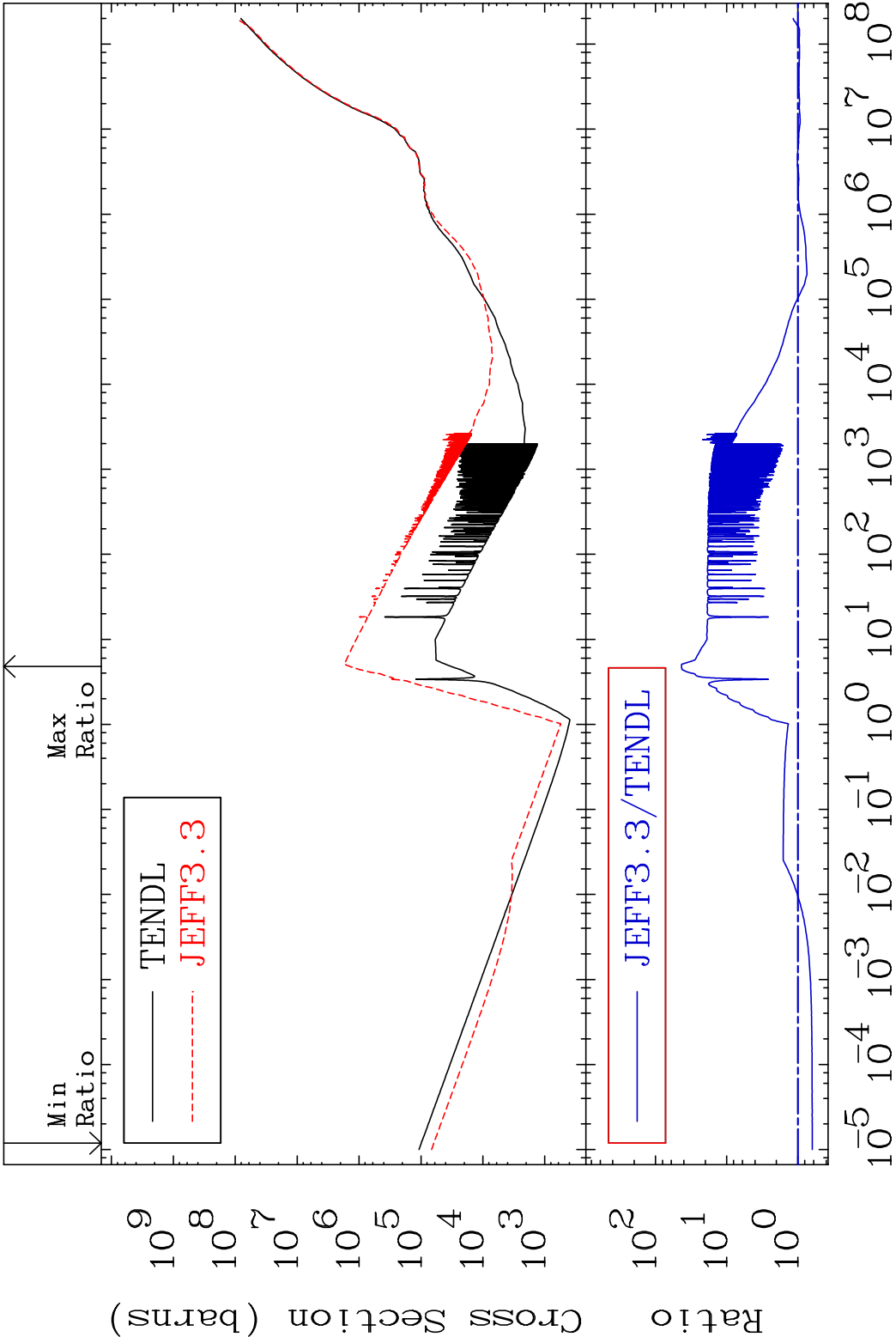
73 Incident Energy (eV) 62-Sm-147

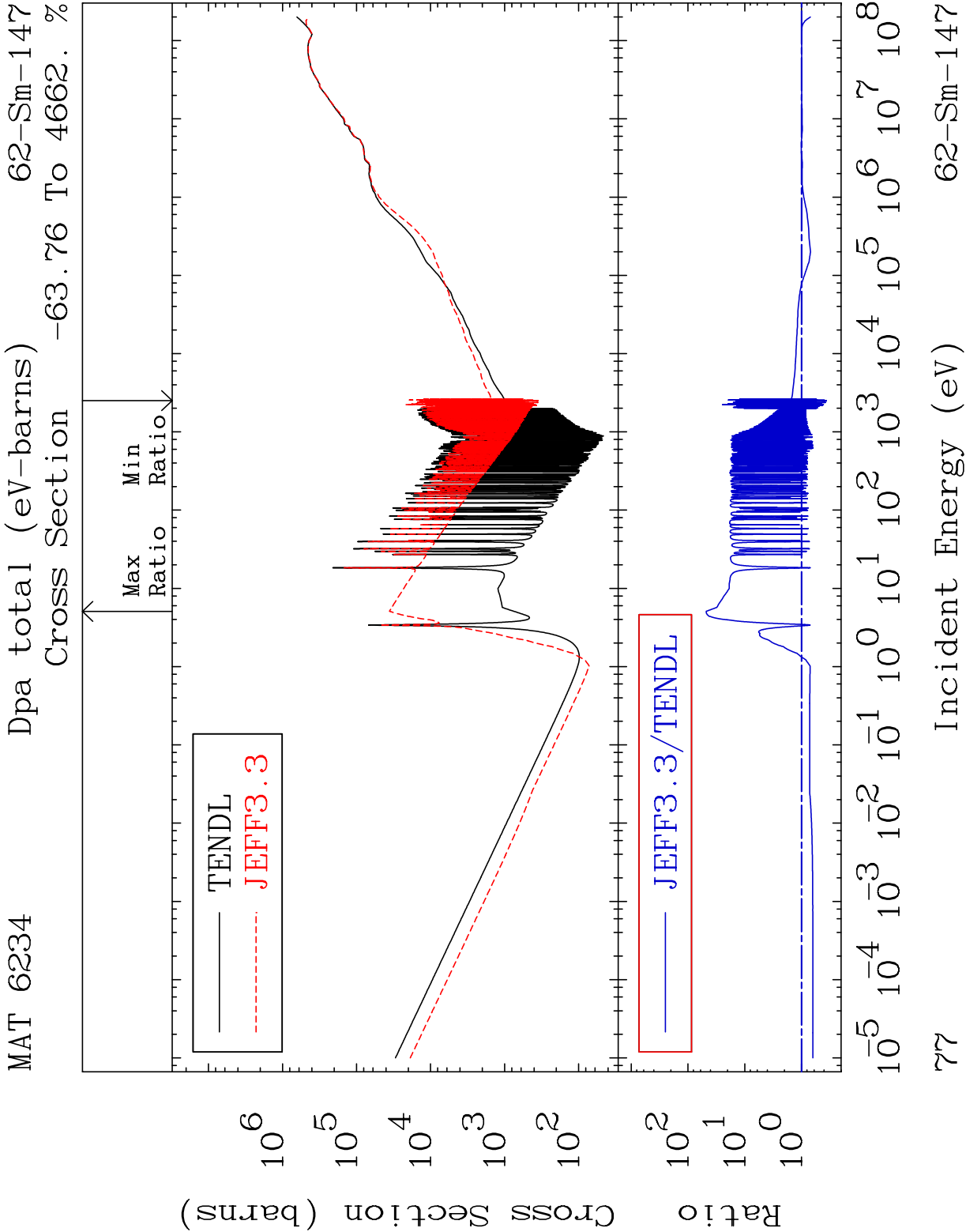
MAT 6234 Kerma capture (mt102) 62-Sm-147
Cross Section -99.22 To 2181. %



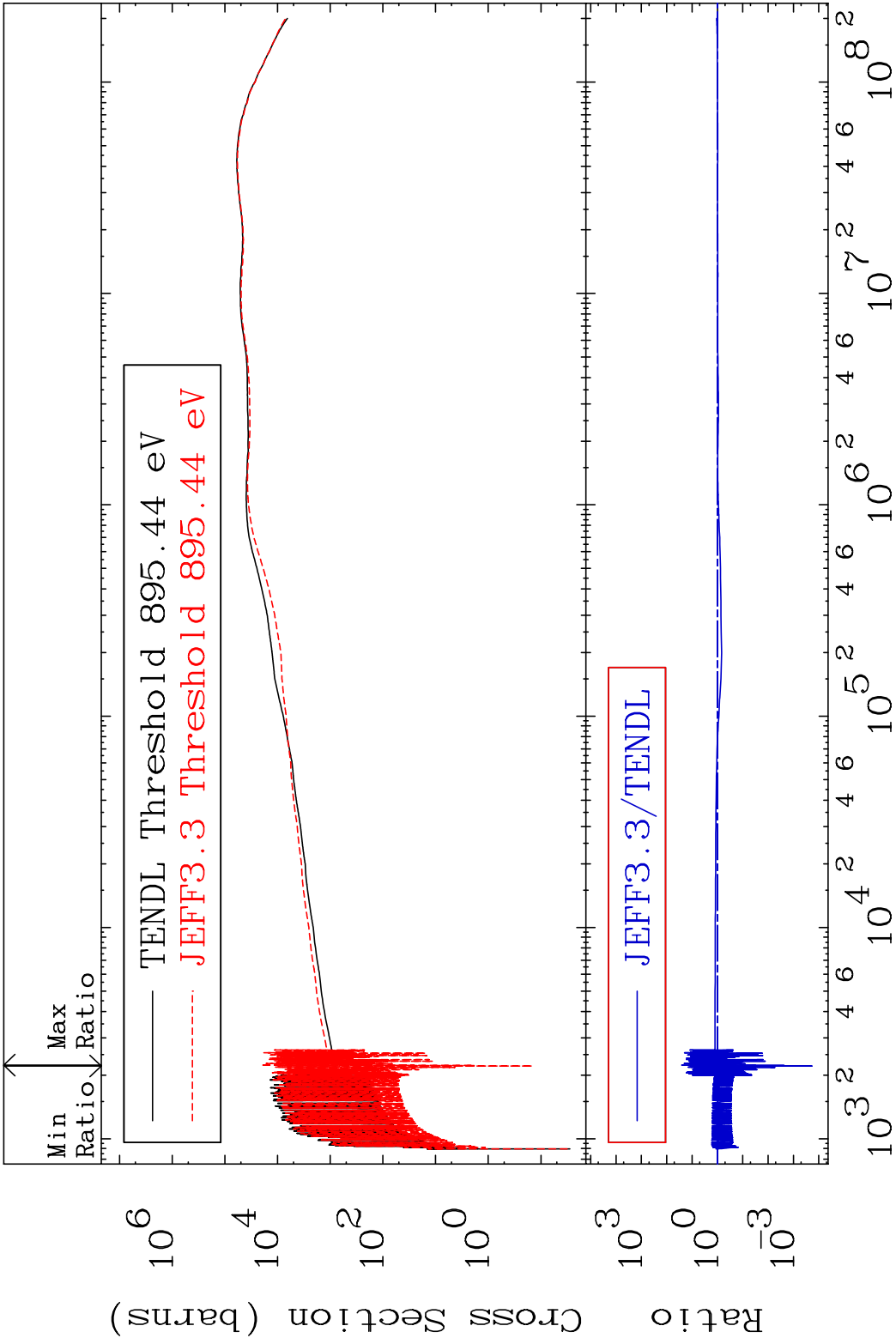


MAT 6234 Total kinematic kerma (high limit) 62-Sm-147
Cross Section -37.21 To 4215. %

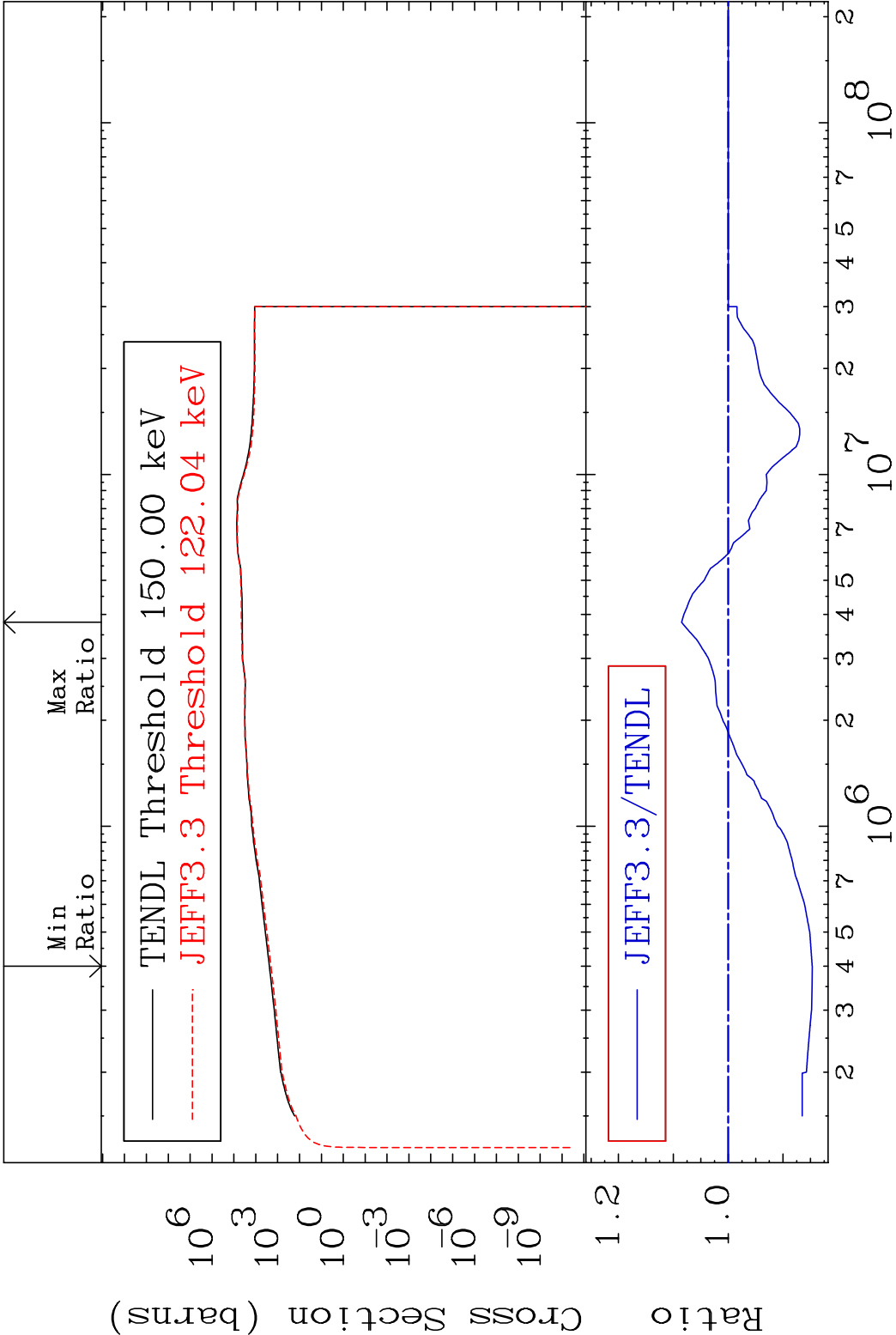




MAT 6234 Dpa elastic (mt2) 62-Sm-147
 Cross Section -99.98 To 2501. %



78 Incident Energy (eV) 62-Sm-147



MAT 6234 Dpa disappearance (mt102 -120) 62-Sm-147
Cross Section -37.02 To 4662. %

