

Program Complot
(Version 2021-1)

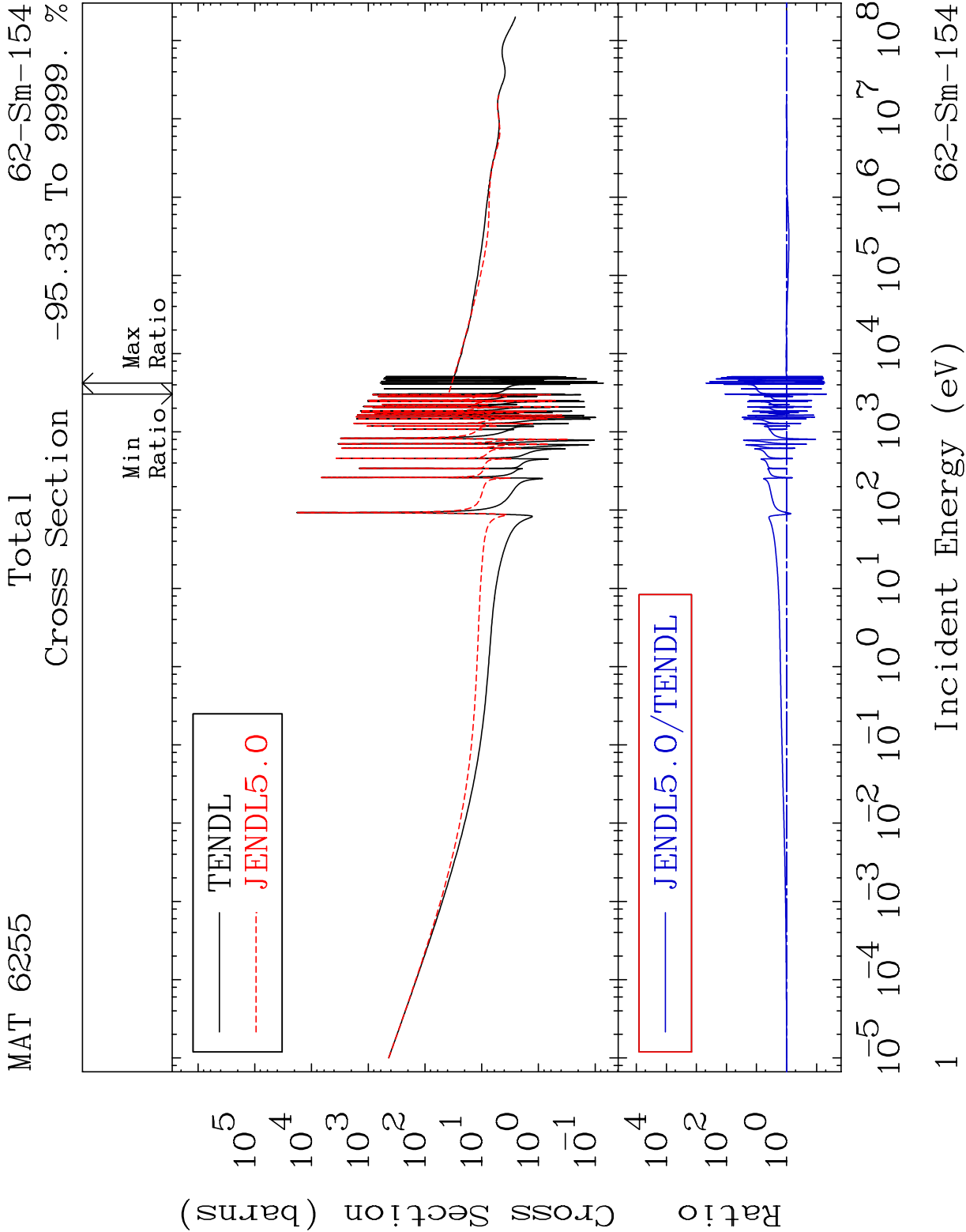
by

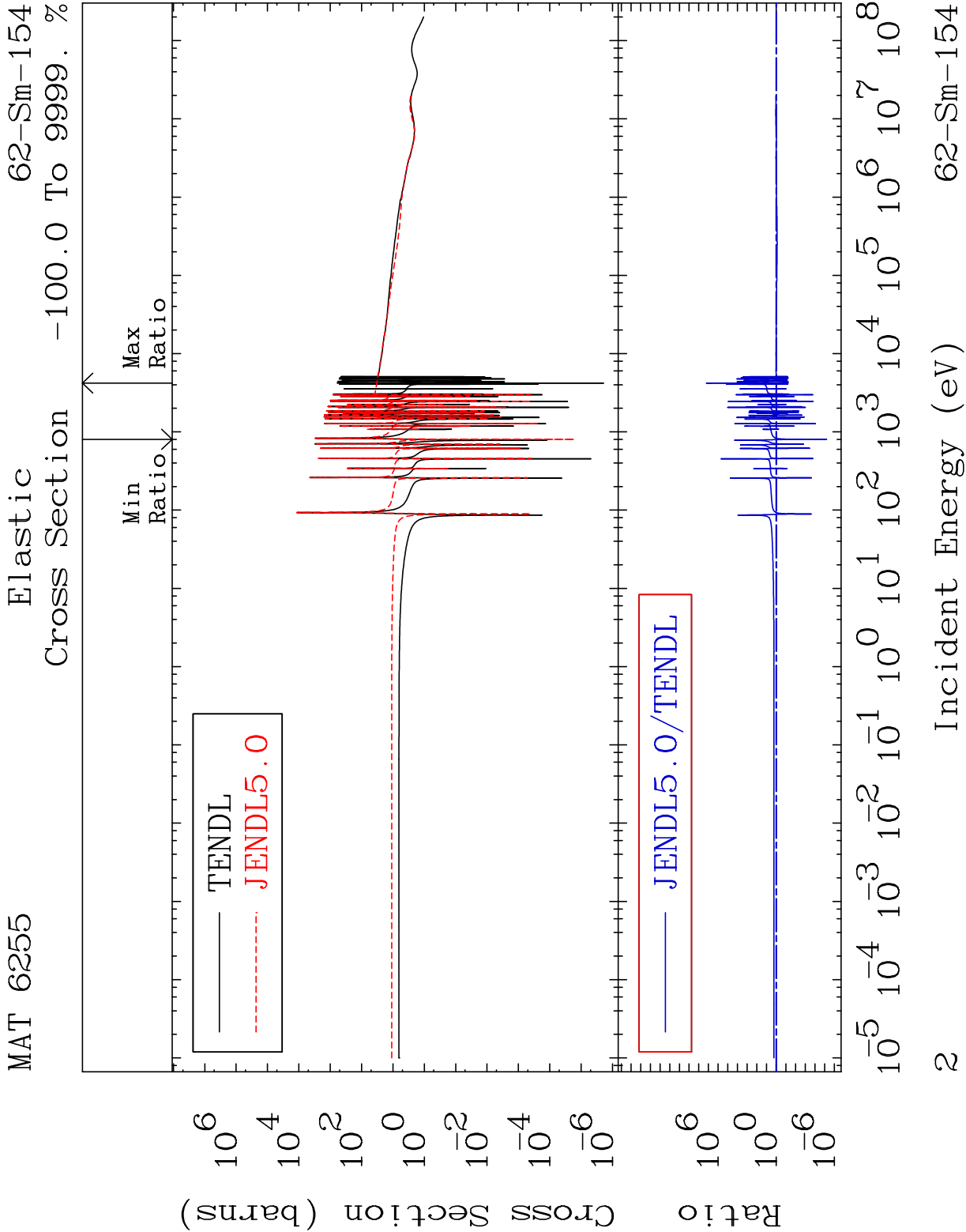
Dermott E. Cullen
(Present Contact Information)

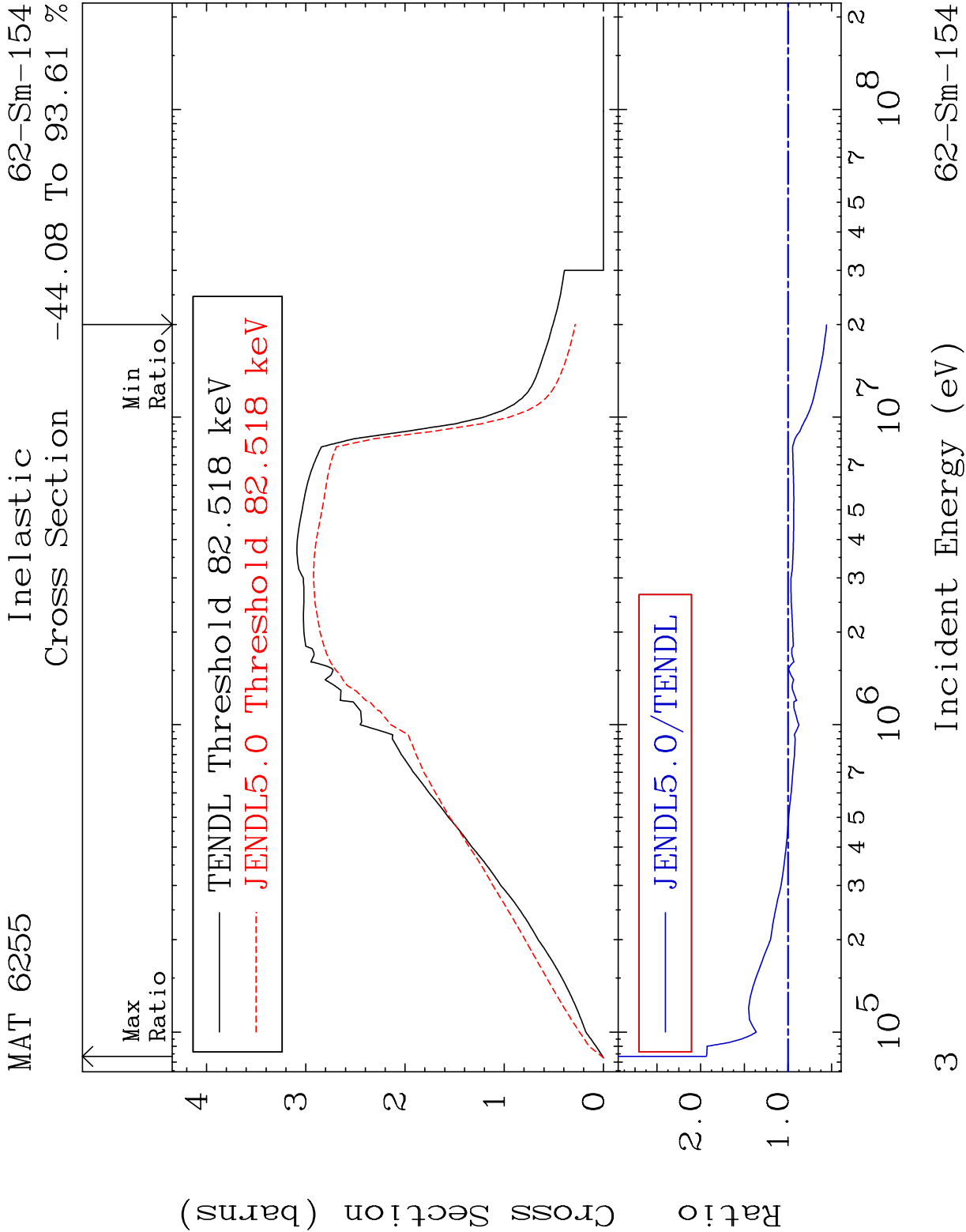
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

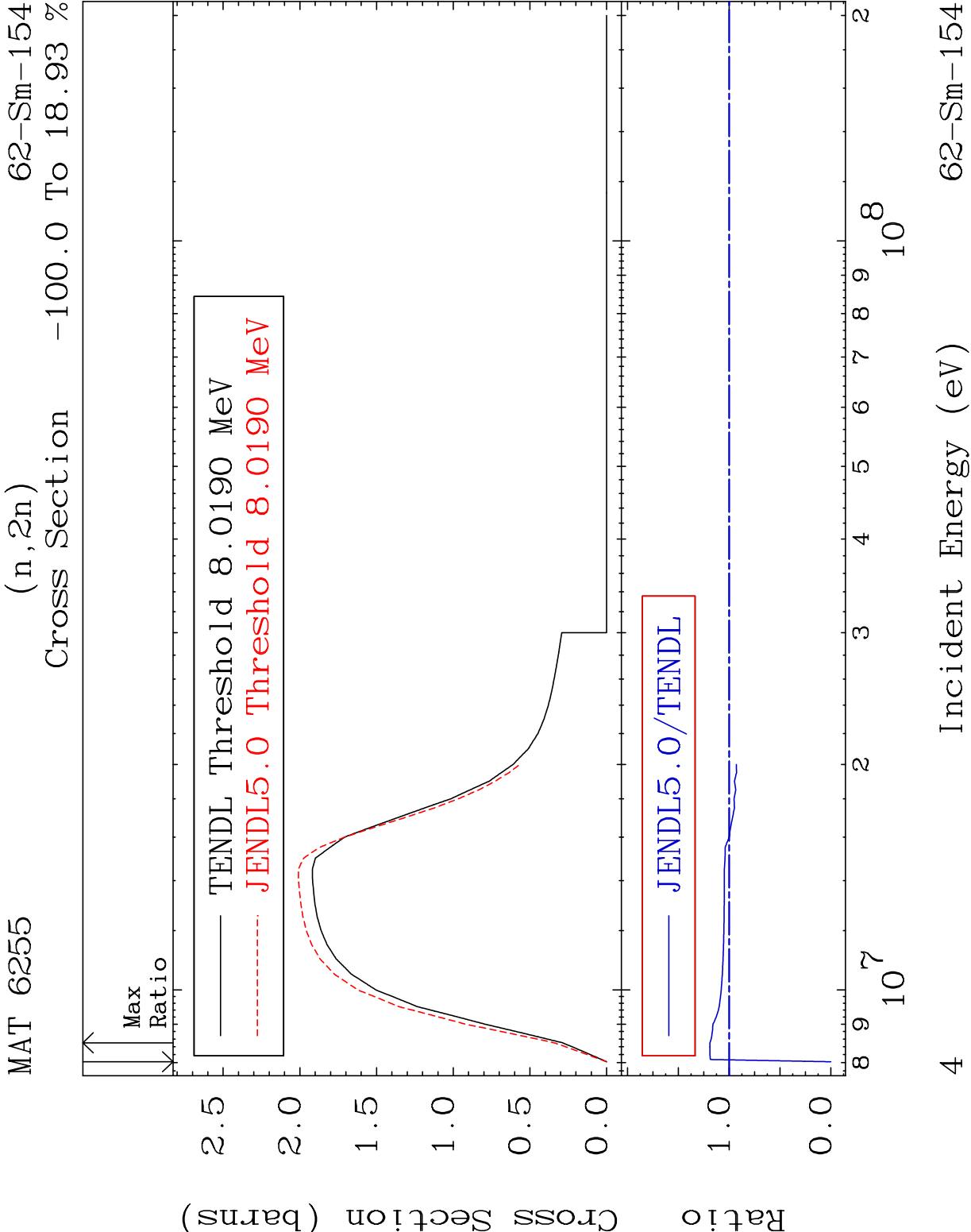
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

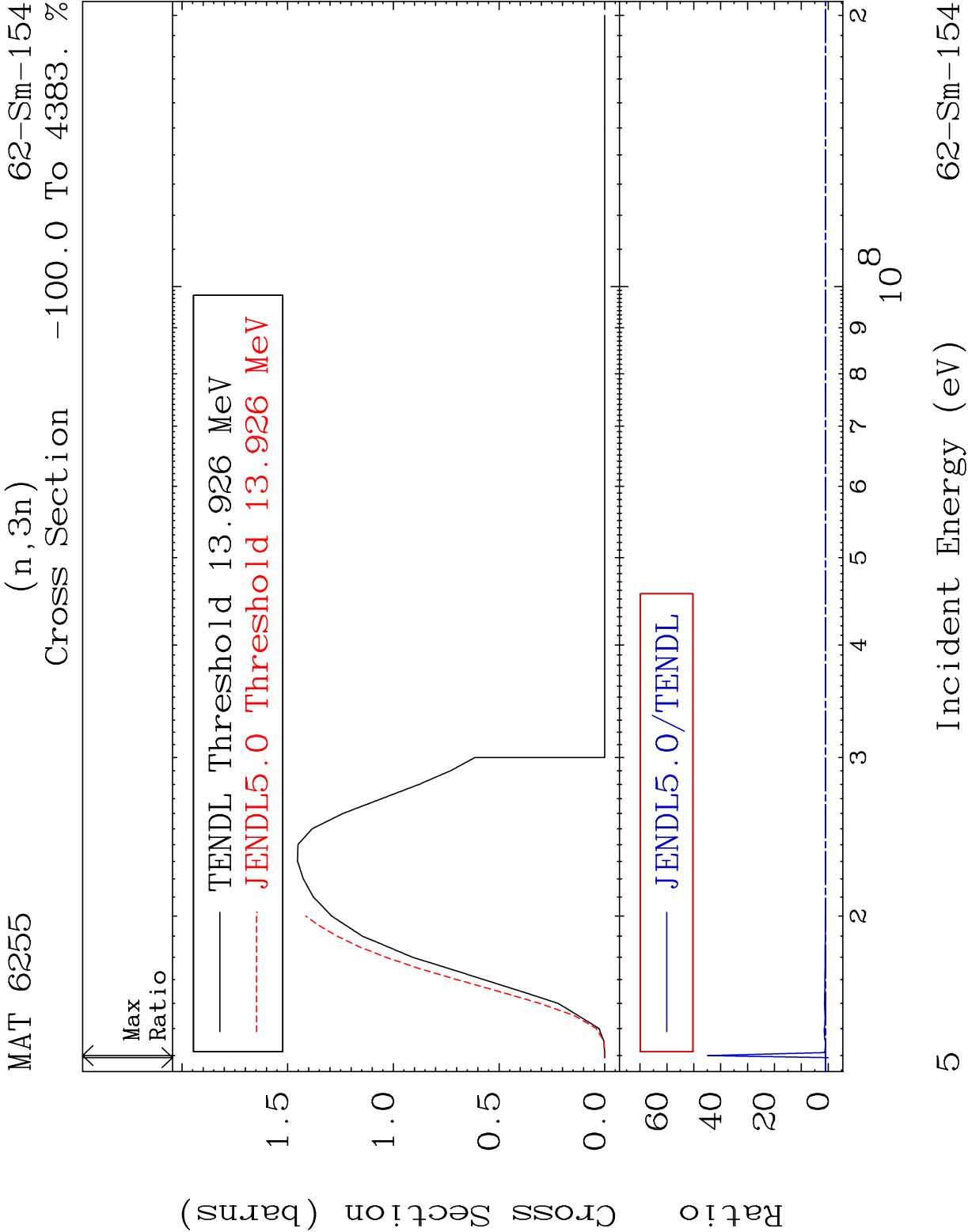
Press Mouse Button to Start

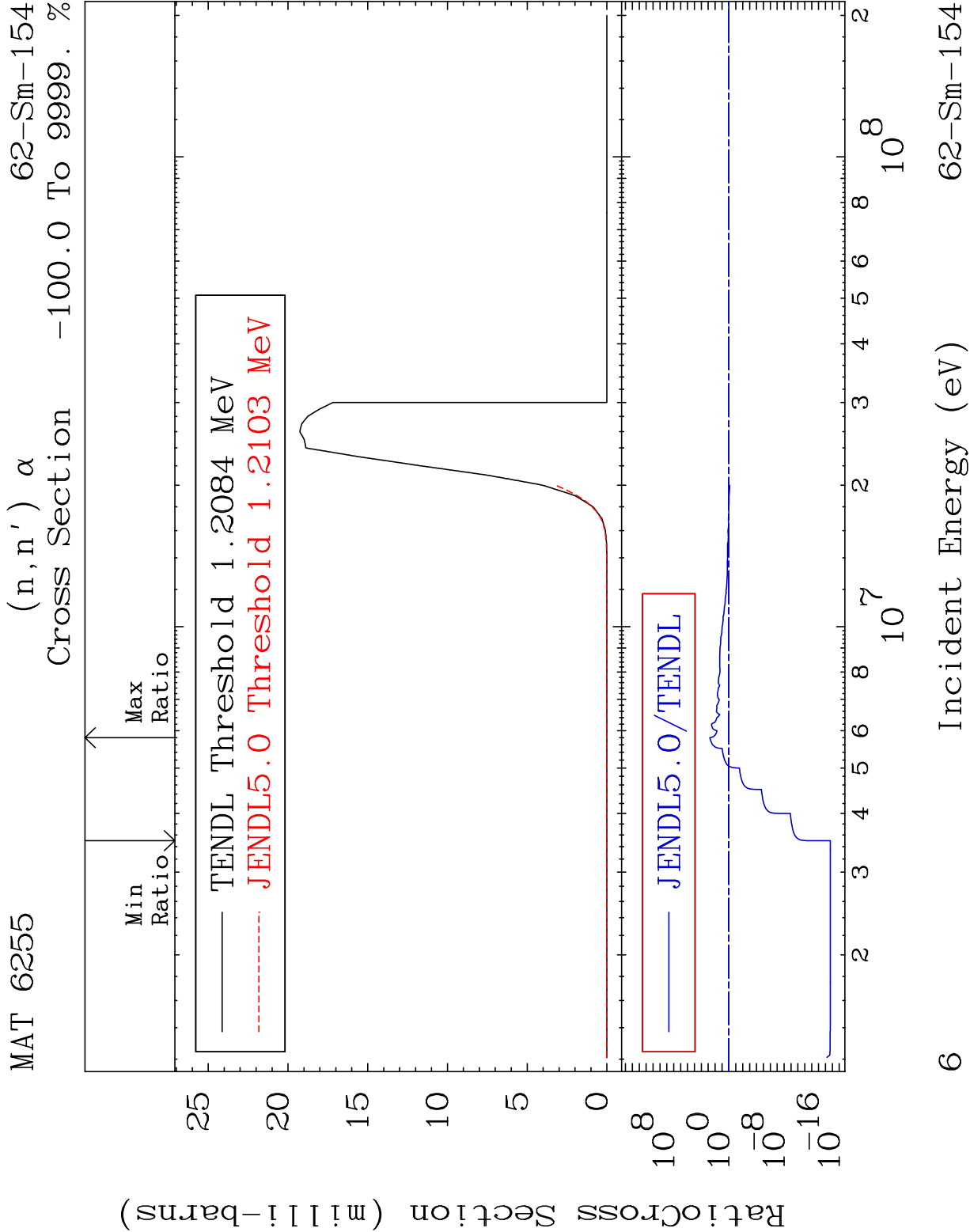


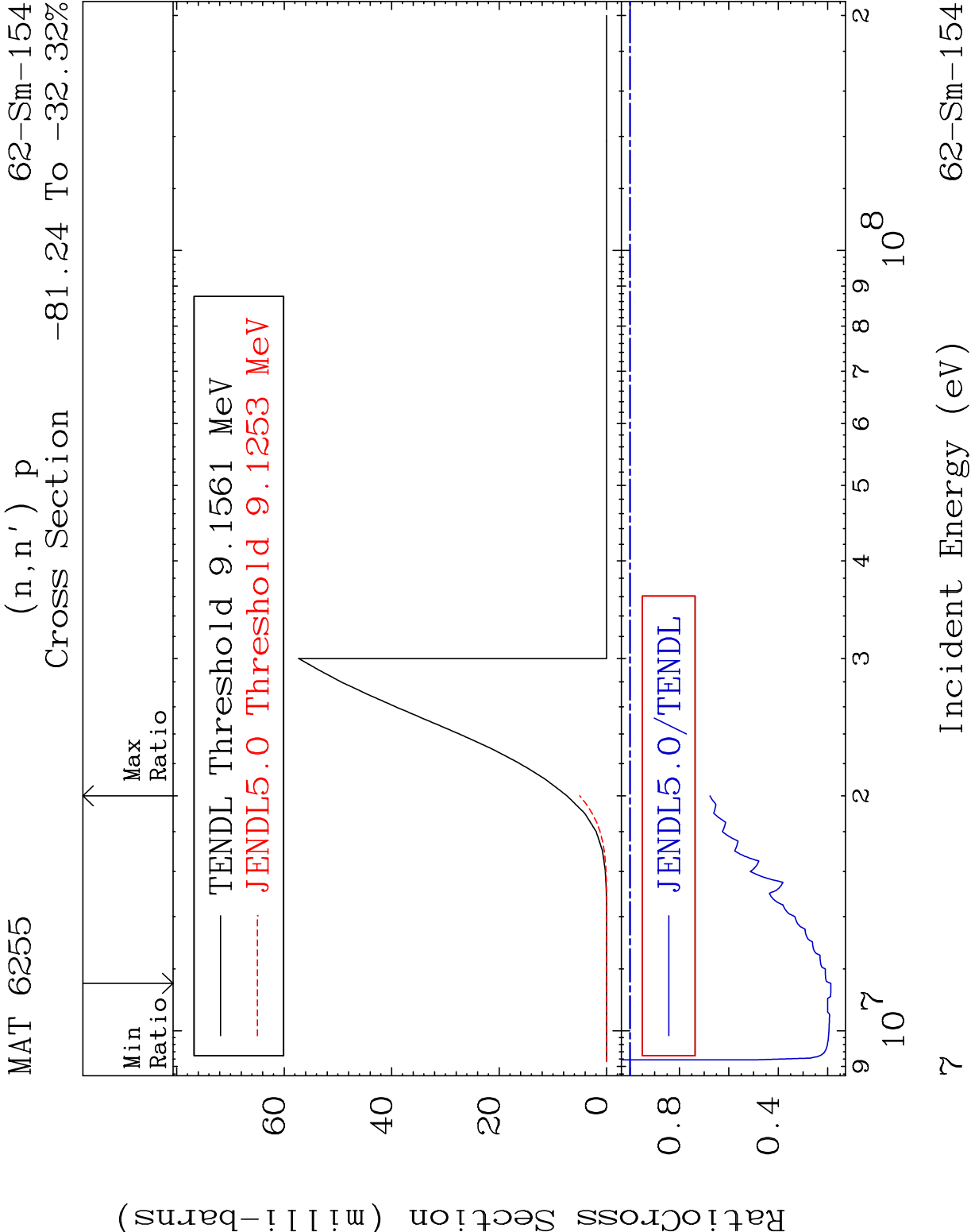


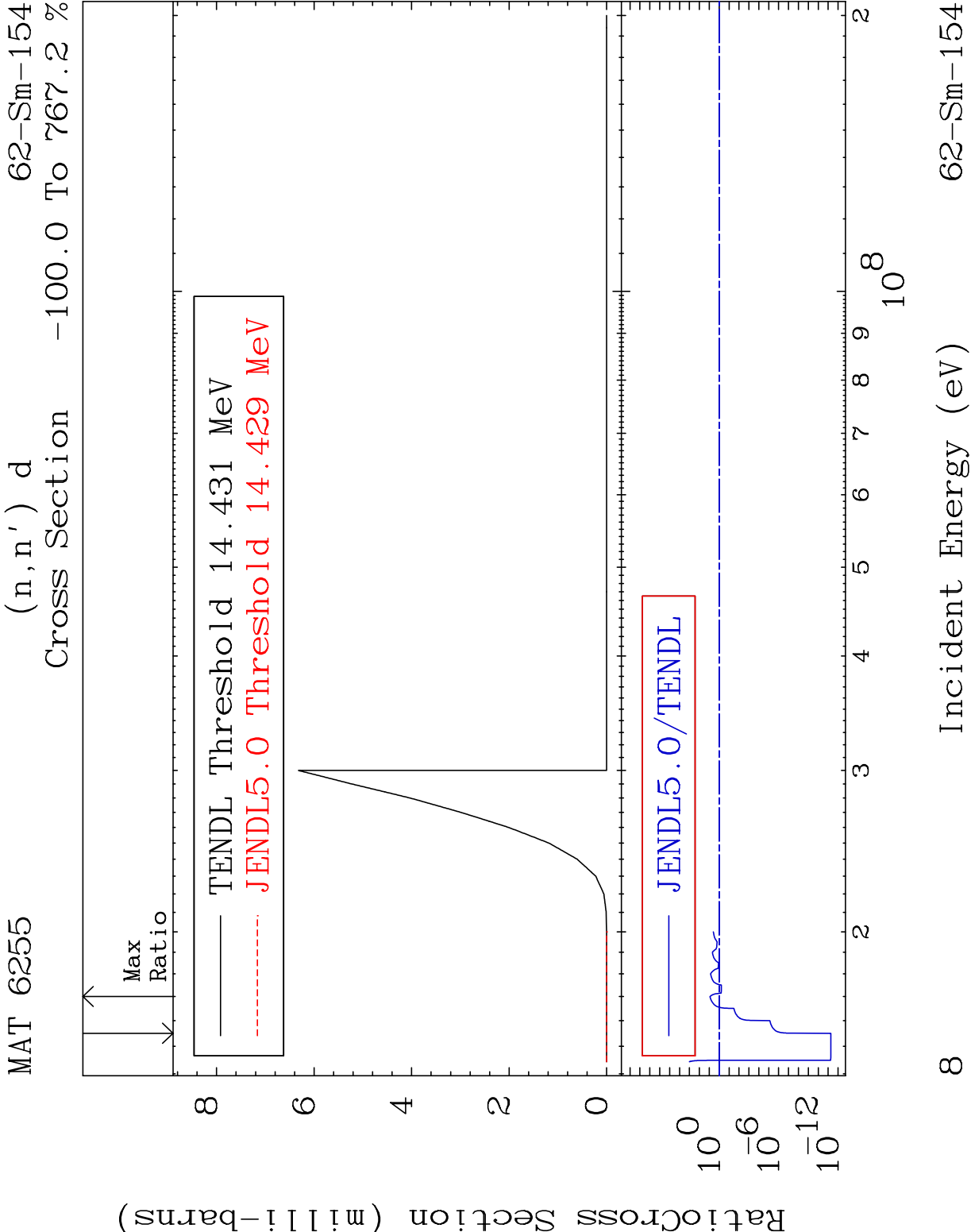




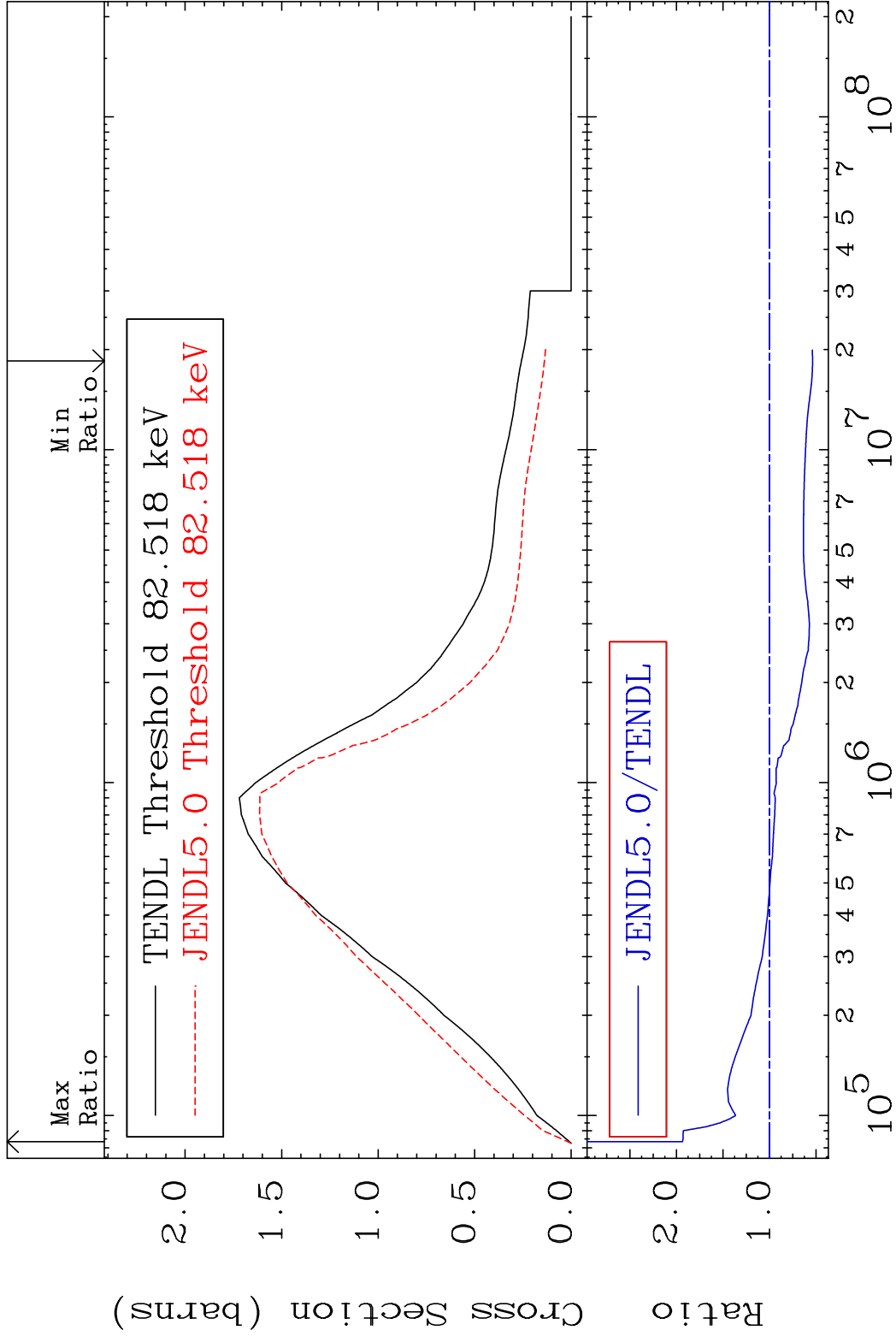






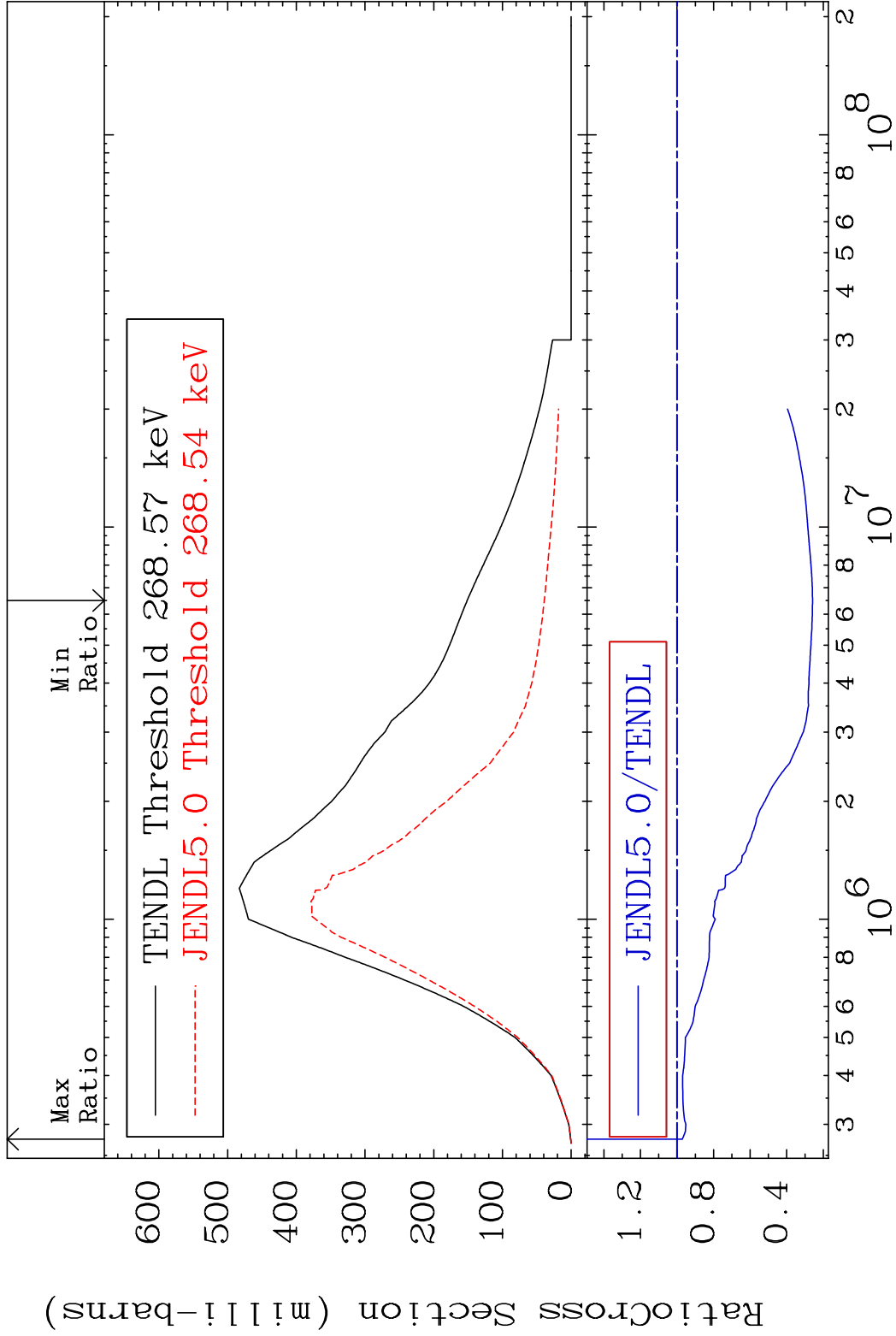


MAT 6255 MT= 51 (n,n') Level 62-Sm-154
Cross Section -46.21 To 93.61 %

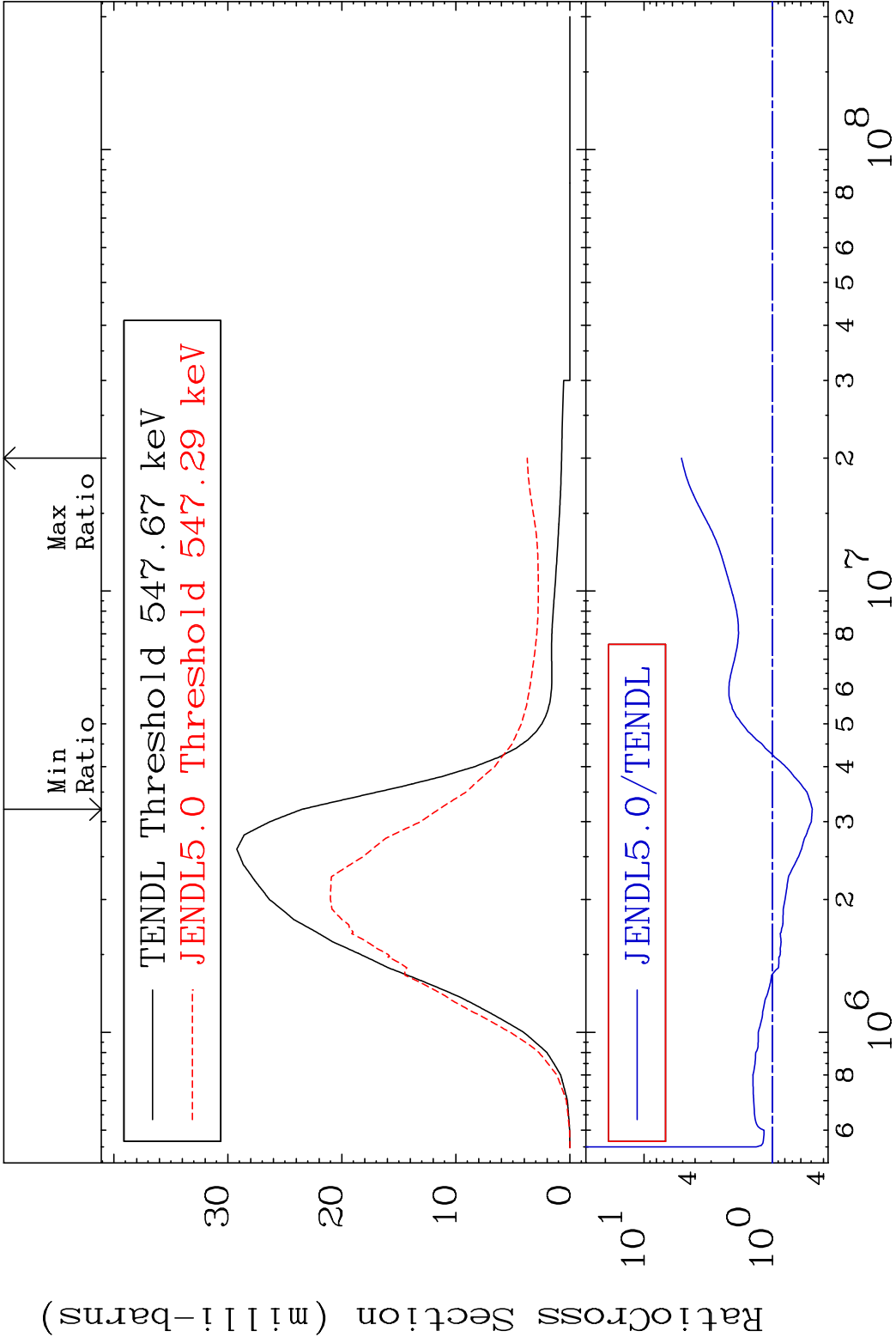


9 Incident Energy (eV) 62-Sm-154

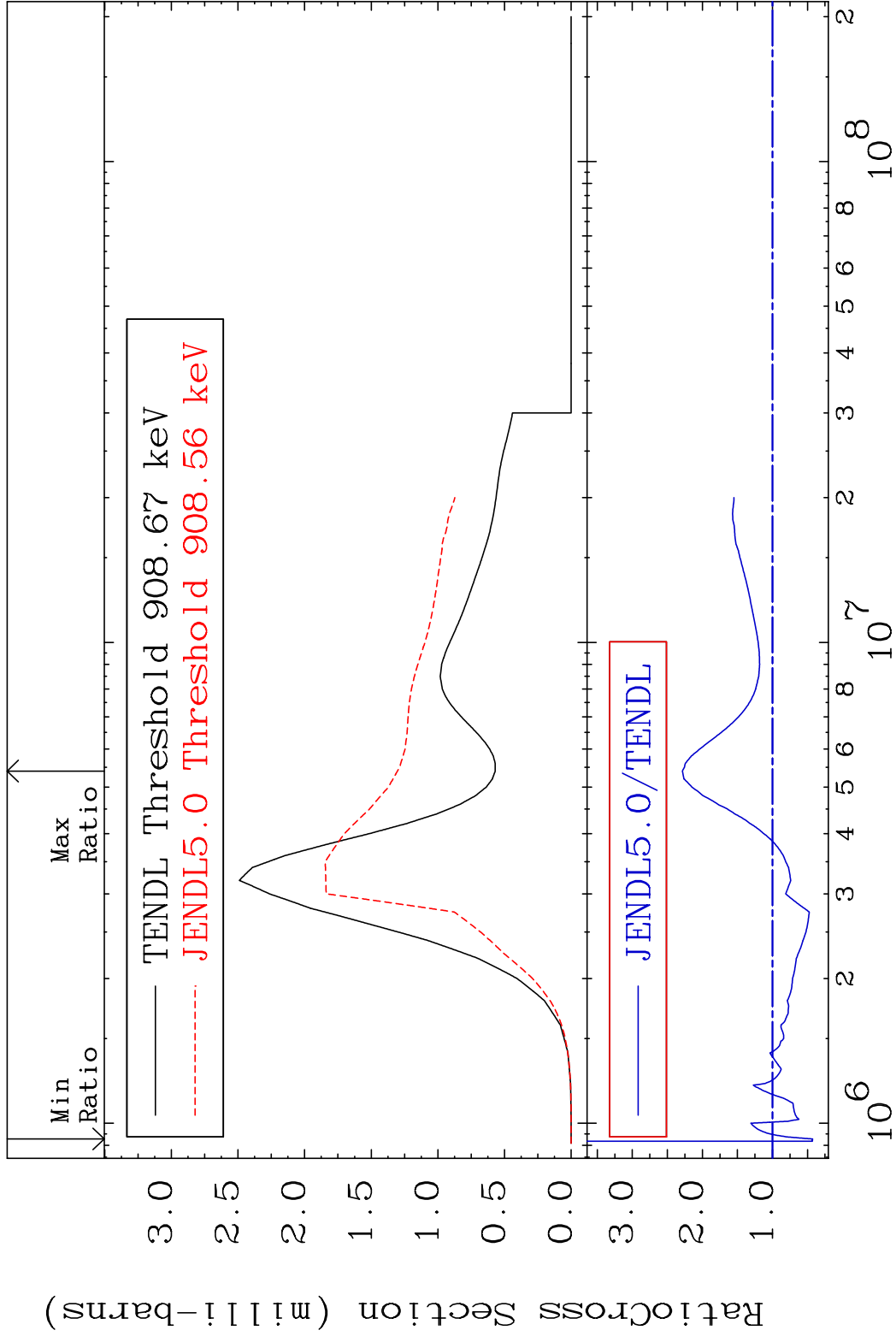
MAT 6255 MT= 52 (n,n') Level 62-Sm-154
Cross Section -74.15 To -2.924%



10 Incident Energy (eV) 62-Sm-154

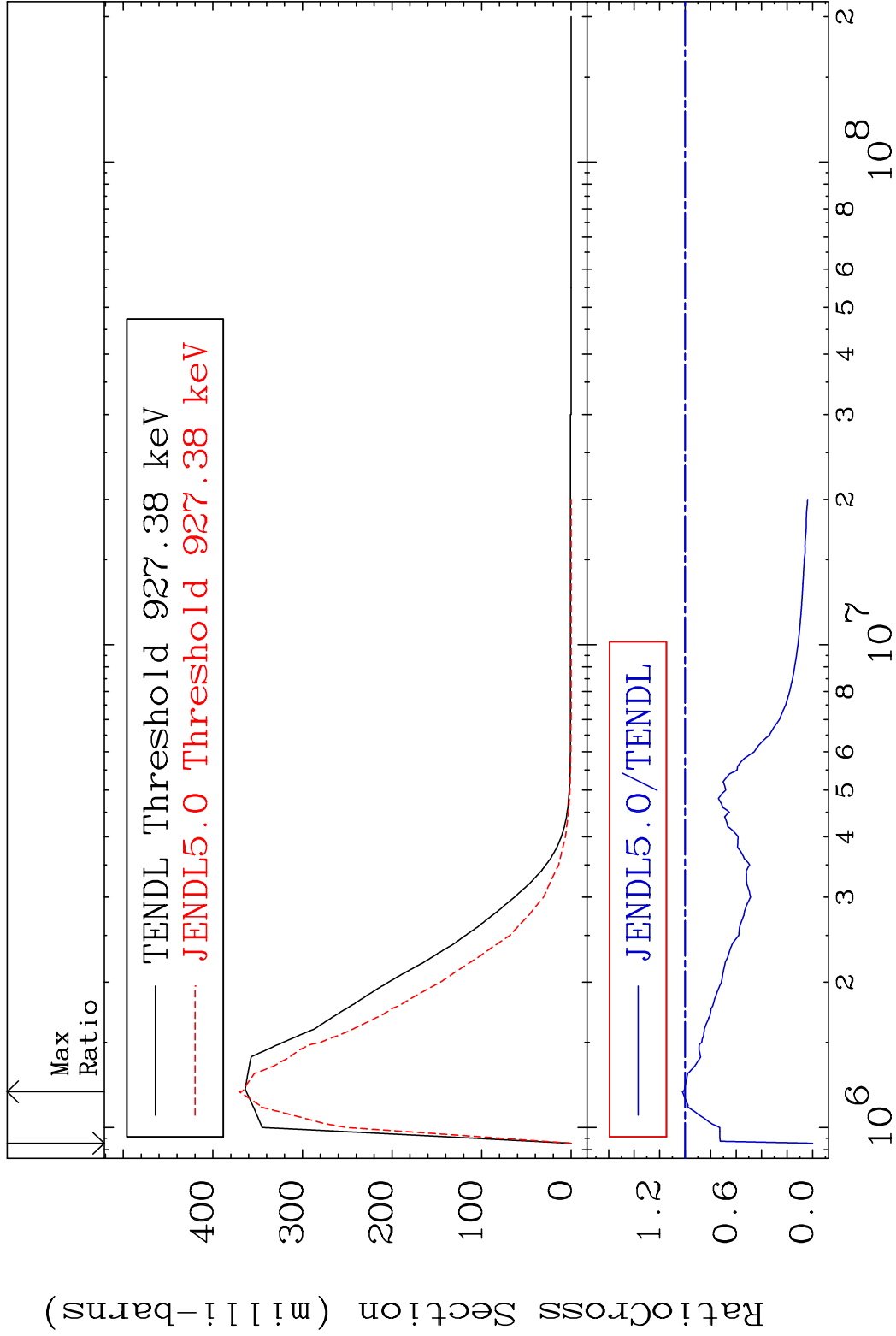


MAT 6255 MT= 54 (n,n') Level 62-Sm-154
Cross Section -57.20 To 128.6 %



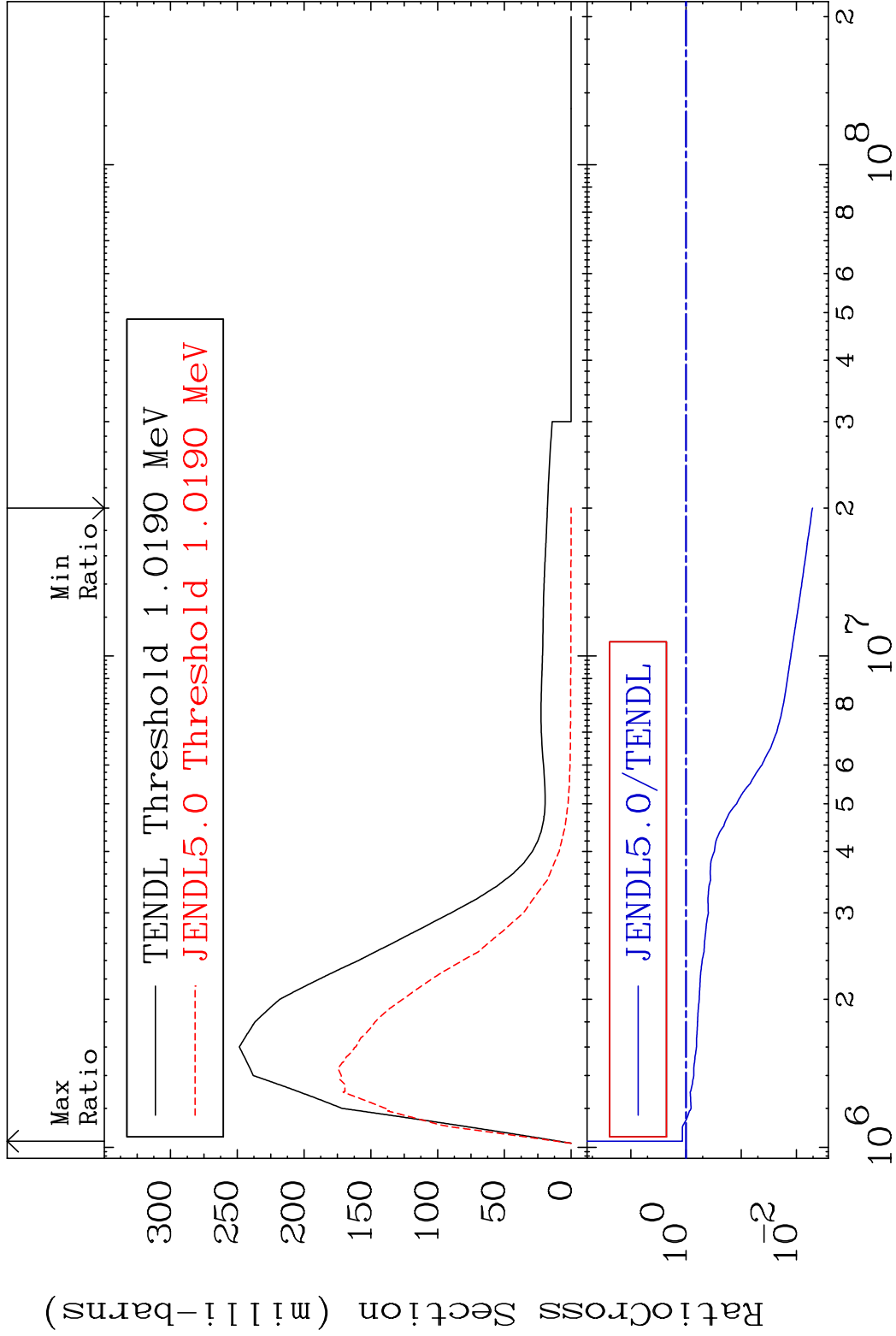
12 Incident Energy (eV) 62-Sm-154

MAT 6255 MT= 55 (n,n') Level 62-Sm-154
Cross Section -100.0 To 2.171 %



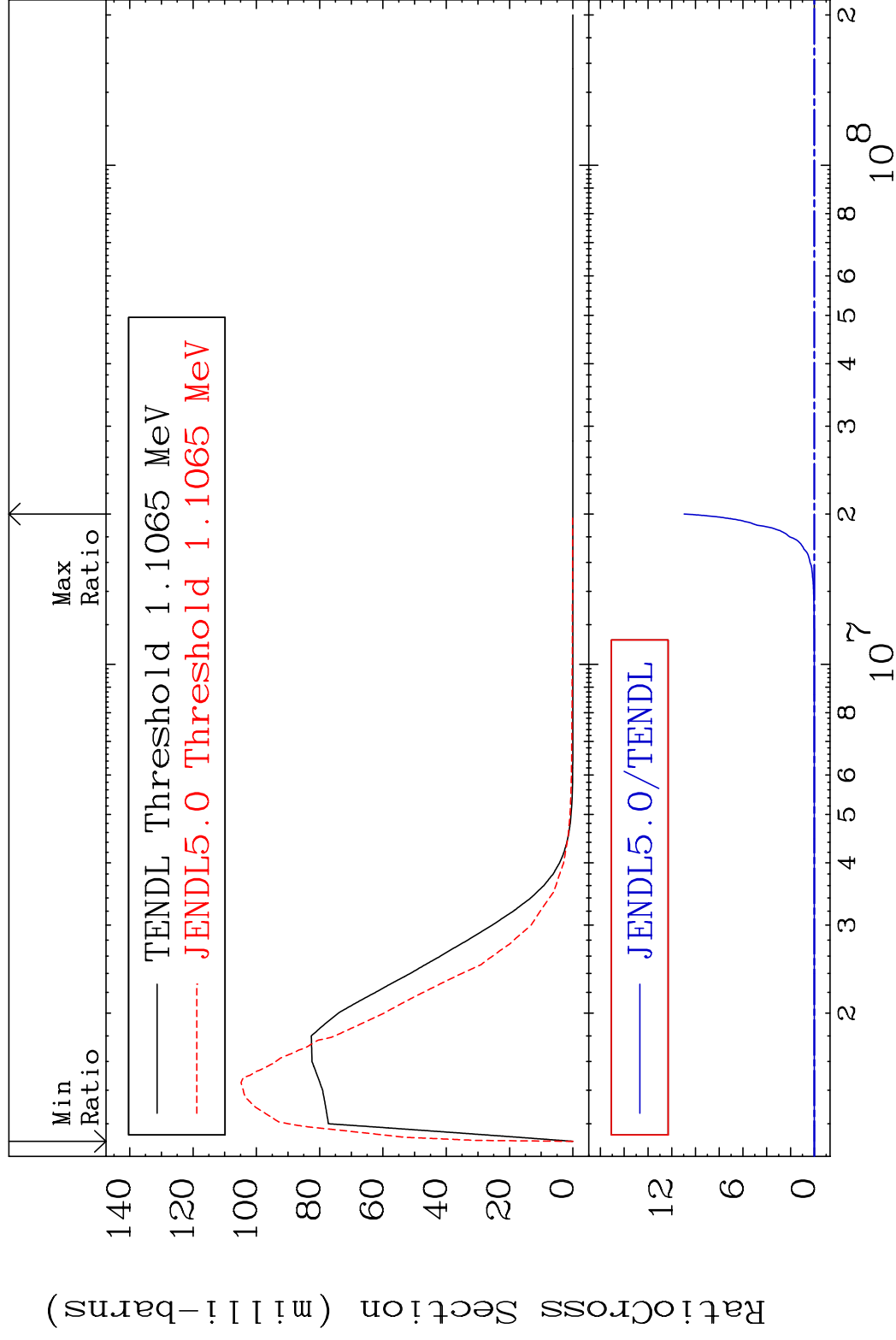
13 Incident Energy (eV) 62-Sm-154

MAT 6255 MT= 56 (n,n') Level 62-Sm-154
Cross Section -99.49 To 16.90 %



14 Incident Energy (eV) 62-Sm-154

MAT 6255	MT= 57 (n, n') Level	62-Sm-154
	Cross Section	-100.0 To 9999. %



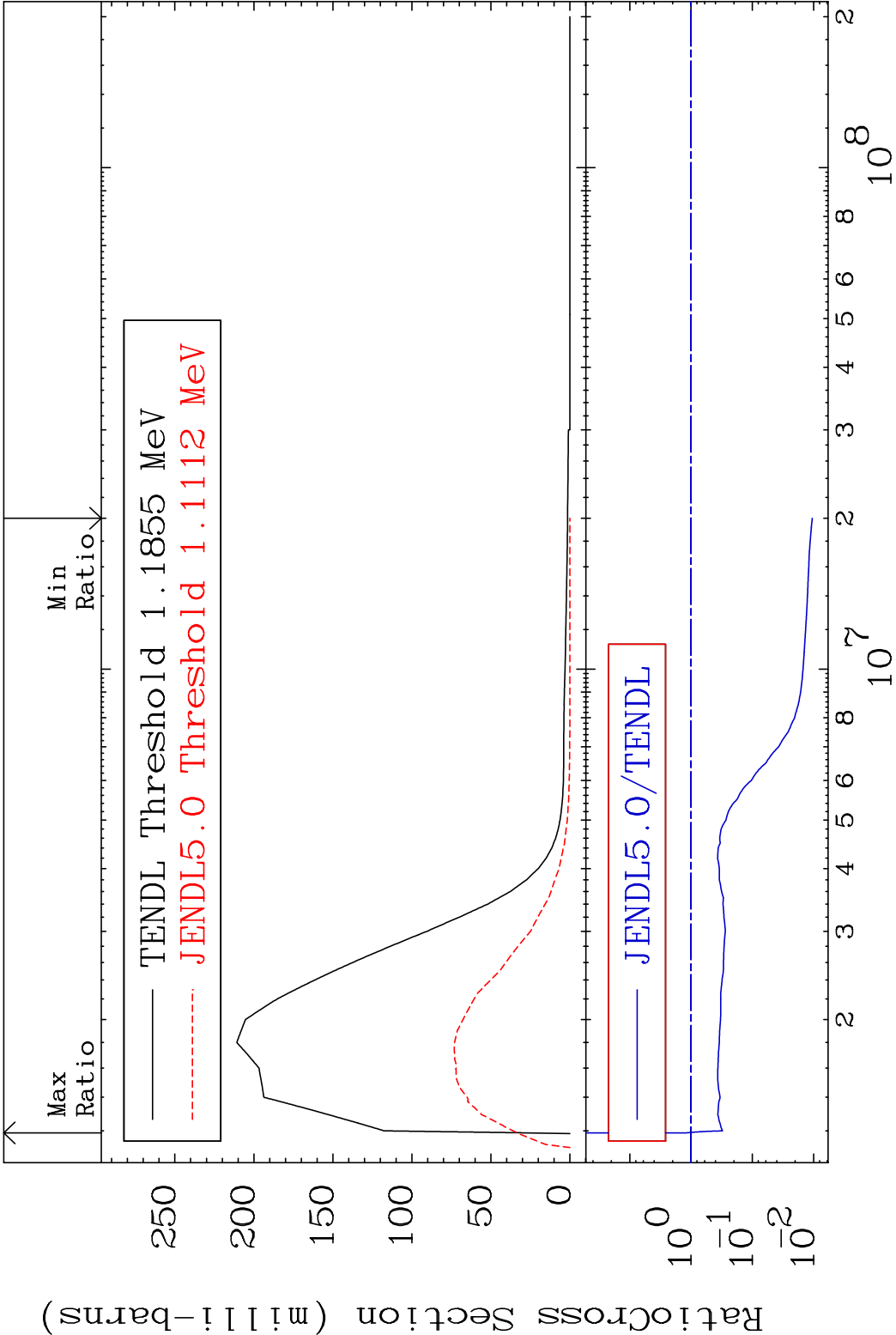
MAT 6255

MT= 58 (n,n') Level

62-Sm-154

Cross Section

-98.95 To 43.08 %



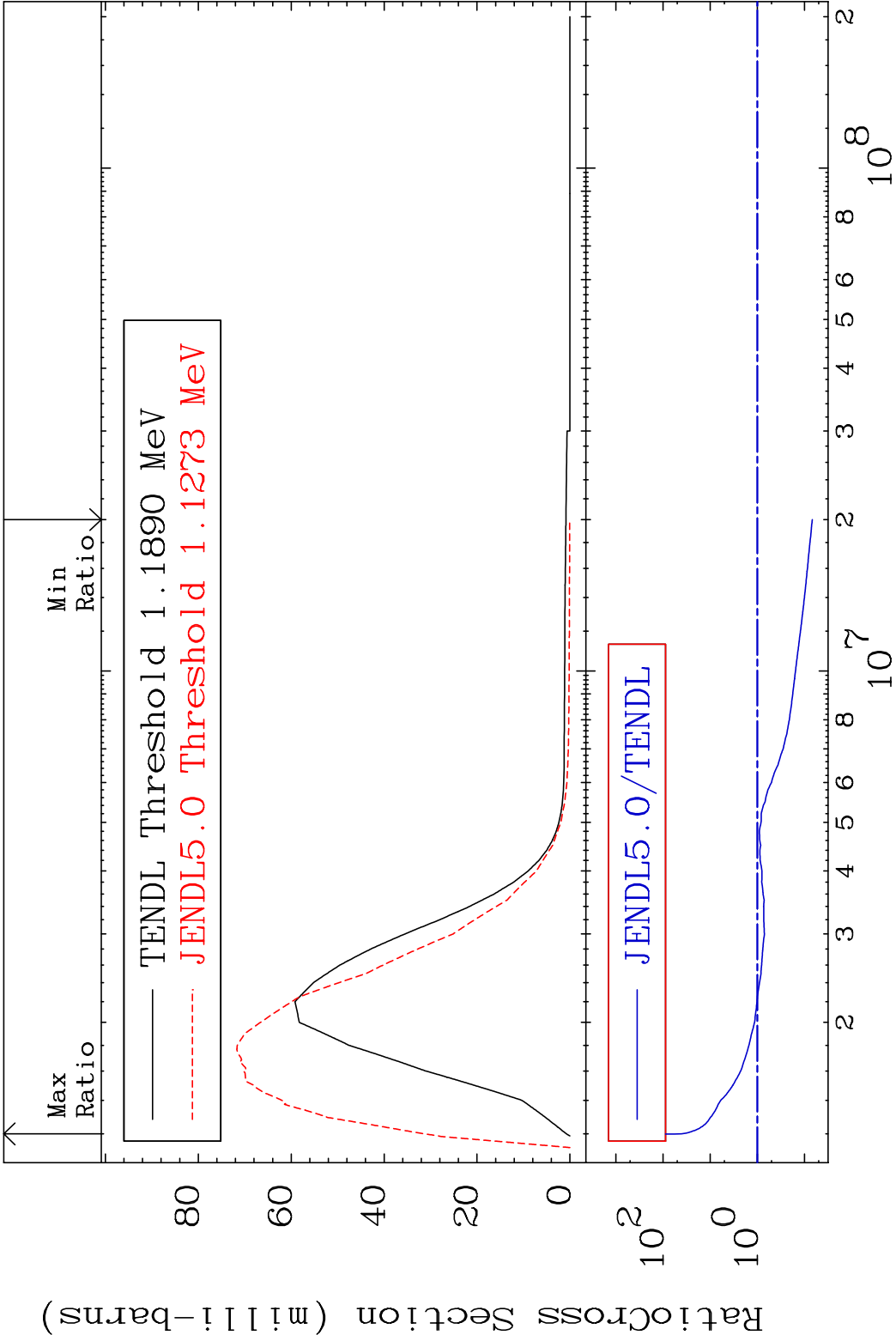
MAT 6255

MT= 59 (n,n') Level

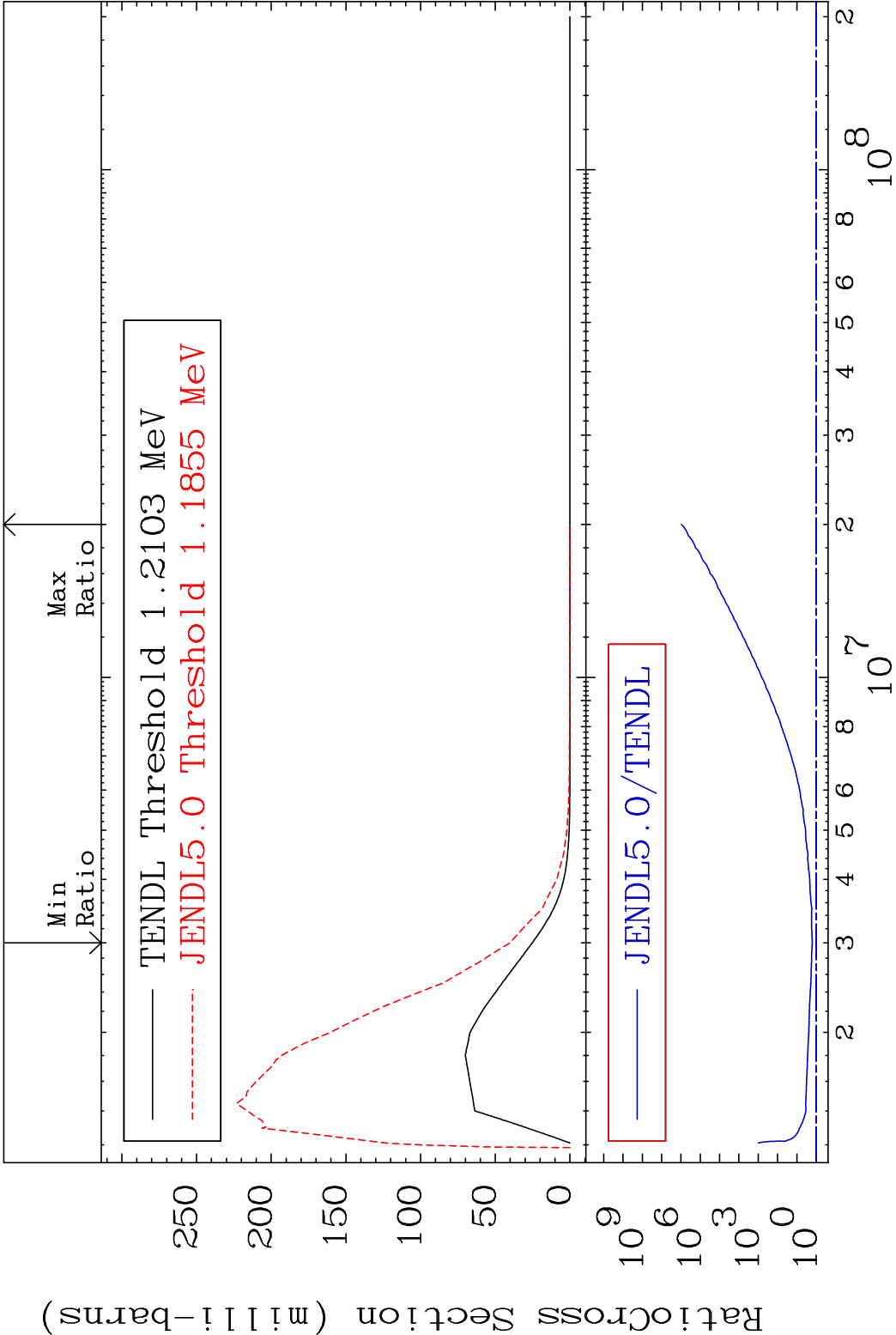
62-Sm-154

Cross Section

-93.15 To 3951. %



MAT 6255	MT= 60 (n,n')	Level	62-Sm-154
	Cross Section	59.63	To 9999. %



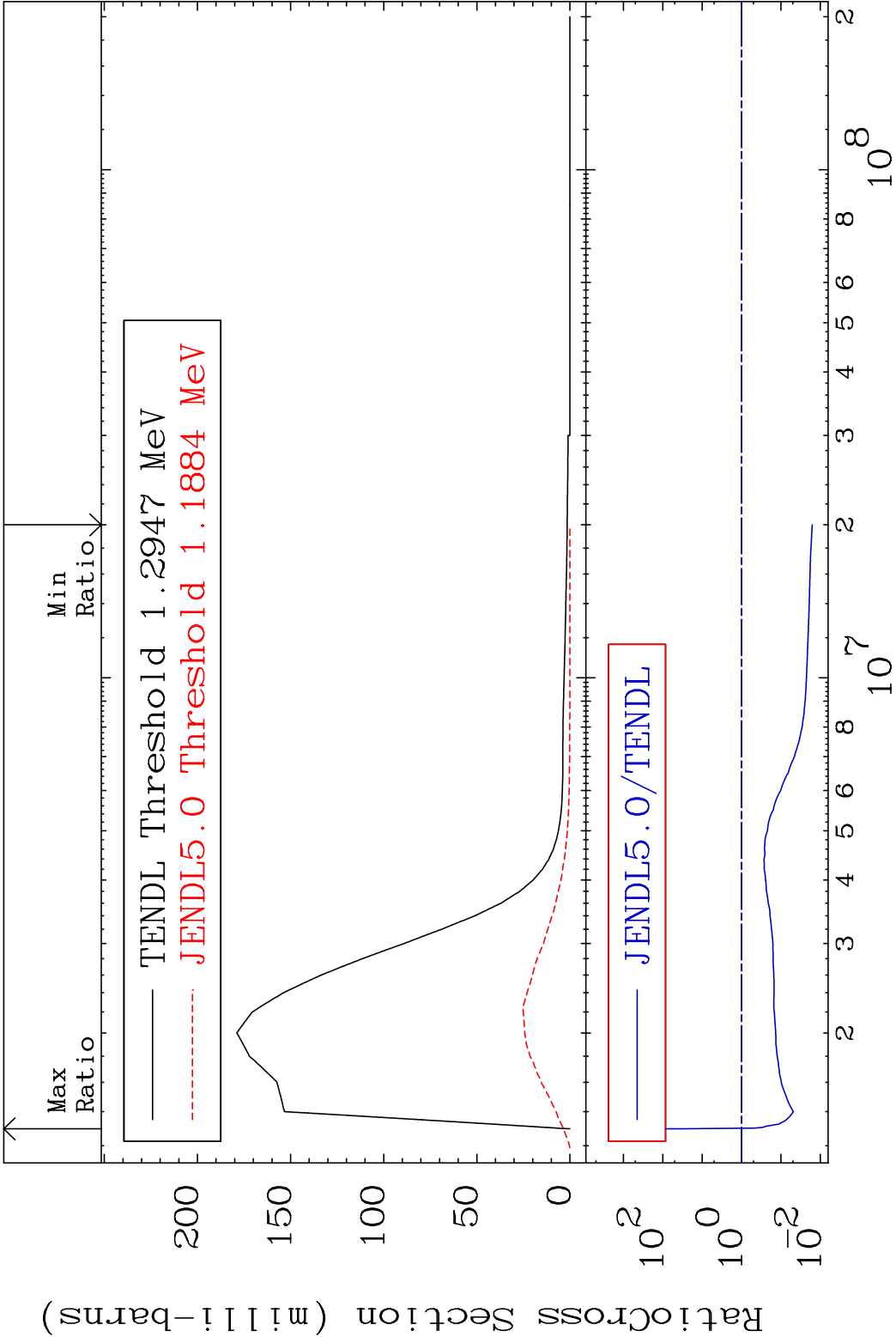
MAT 6255

MT= 61 (n,n') Level

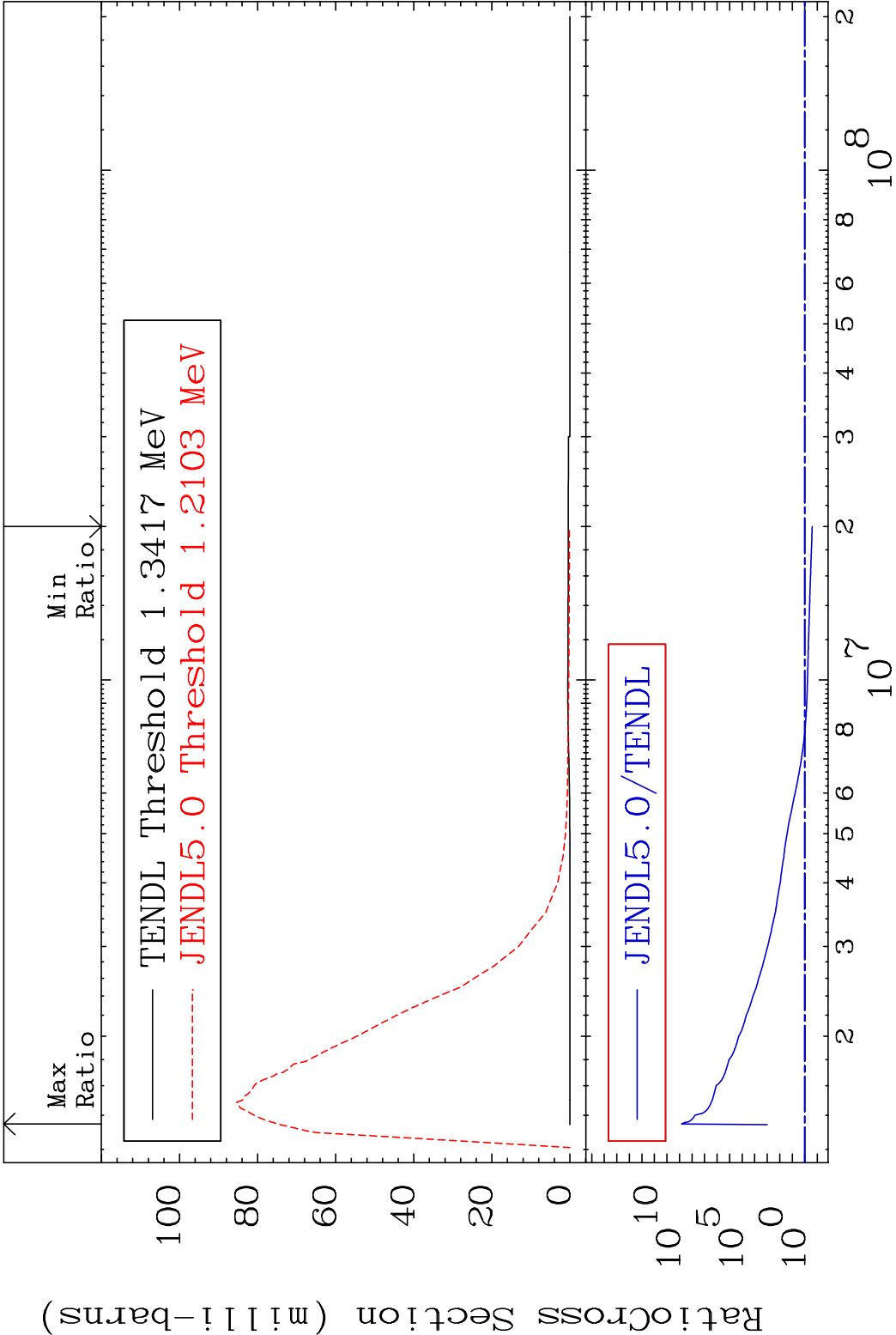
62-Sm-154

Cross Section

-98.40 To 3241. %



MAT 6255 MT= 62 (n,n') Level 62-Sm-154
Cross Section -74.46 To 9999. %



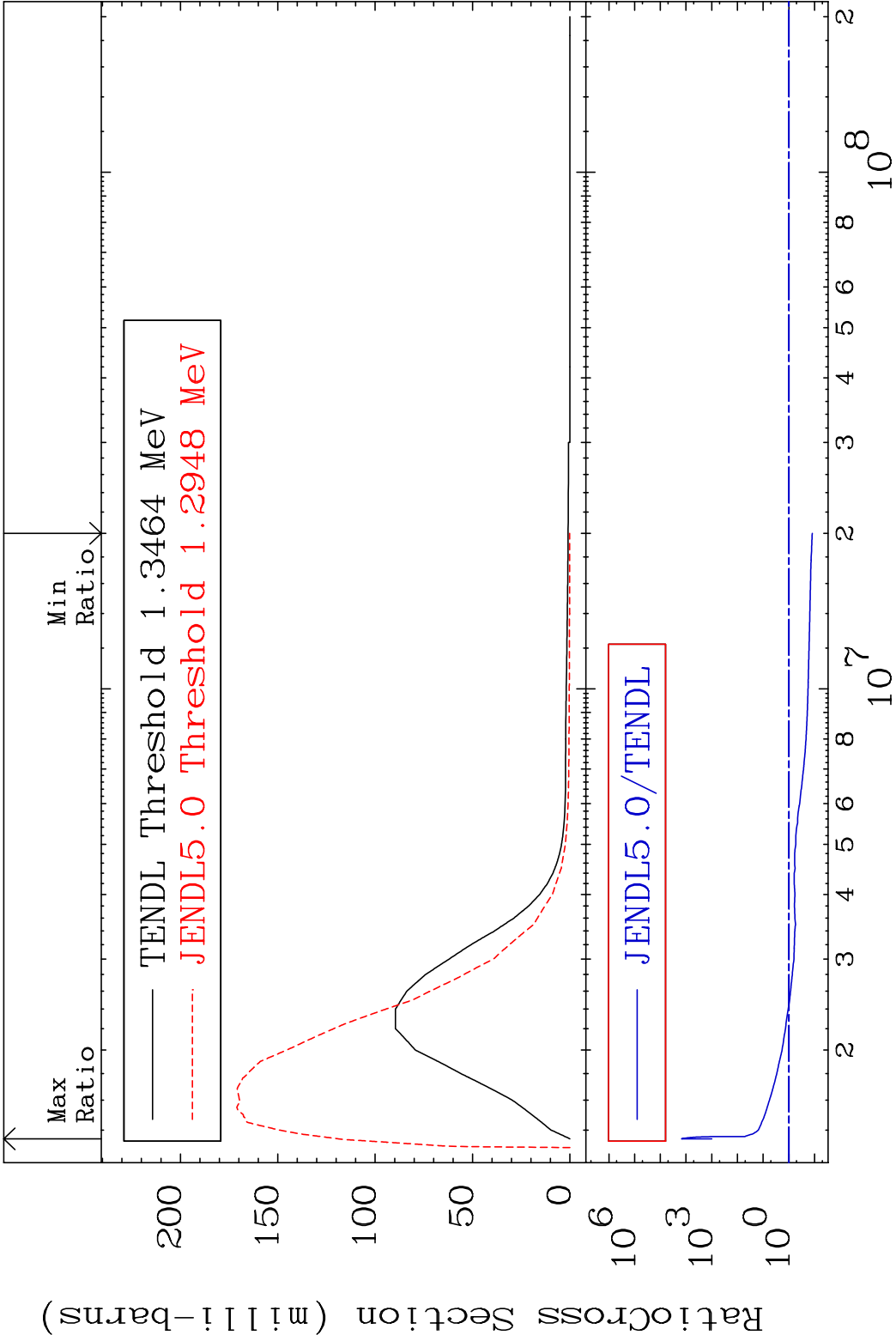
MAT 6255

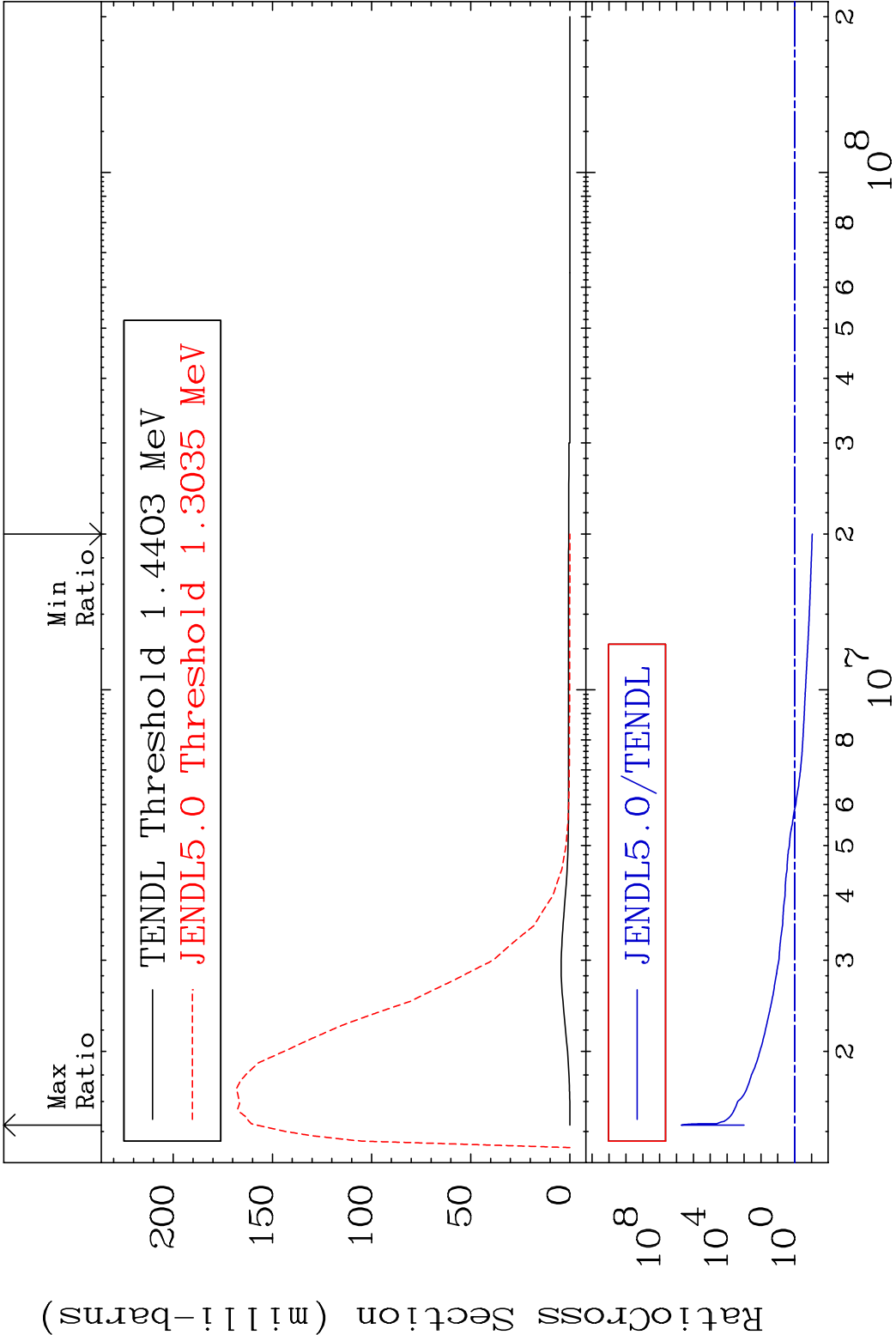
MT= 63 (n,n') Level

62-Sm-154

Cross Section

-87.69 To 9999. %





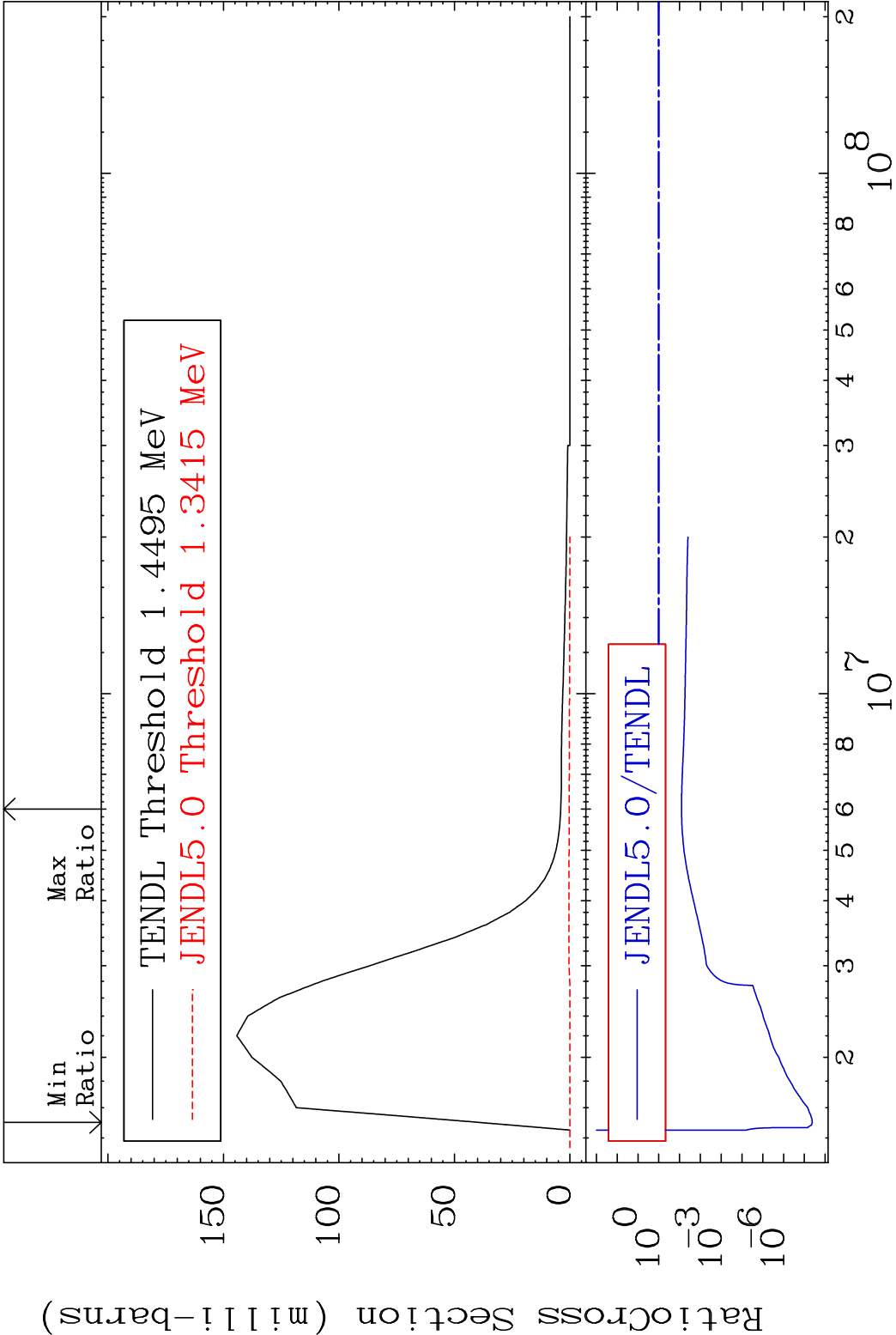
MAT 6255

MT= 65 (n,n') Level

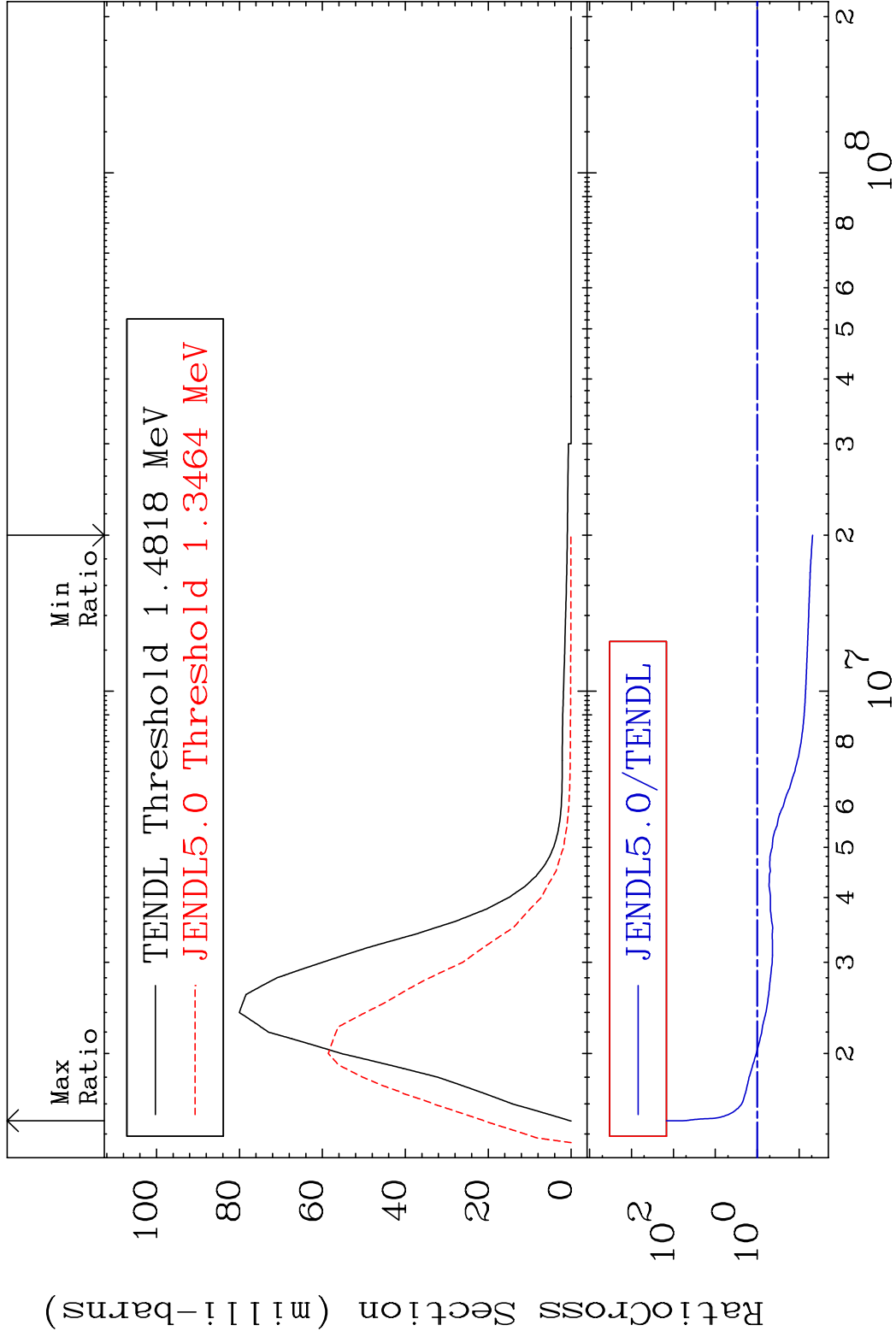
62-Sm-154

Cross Section

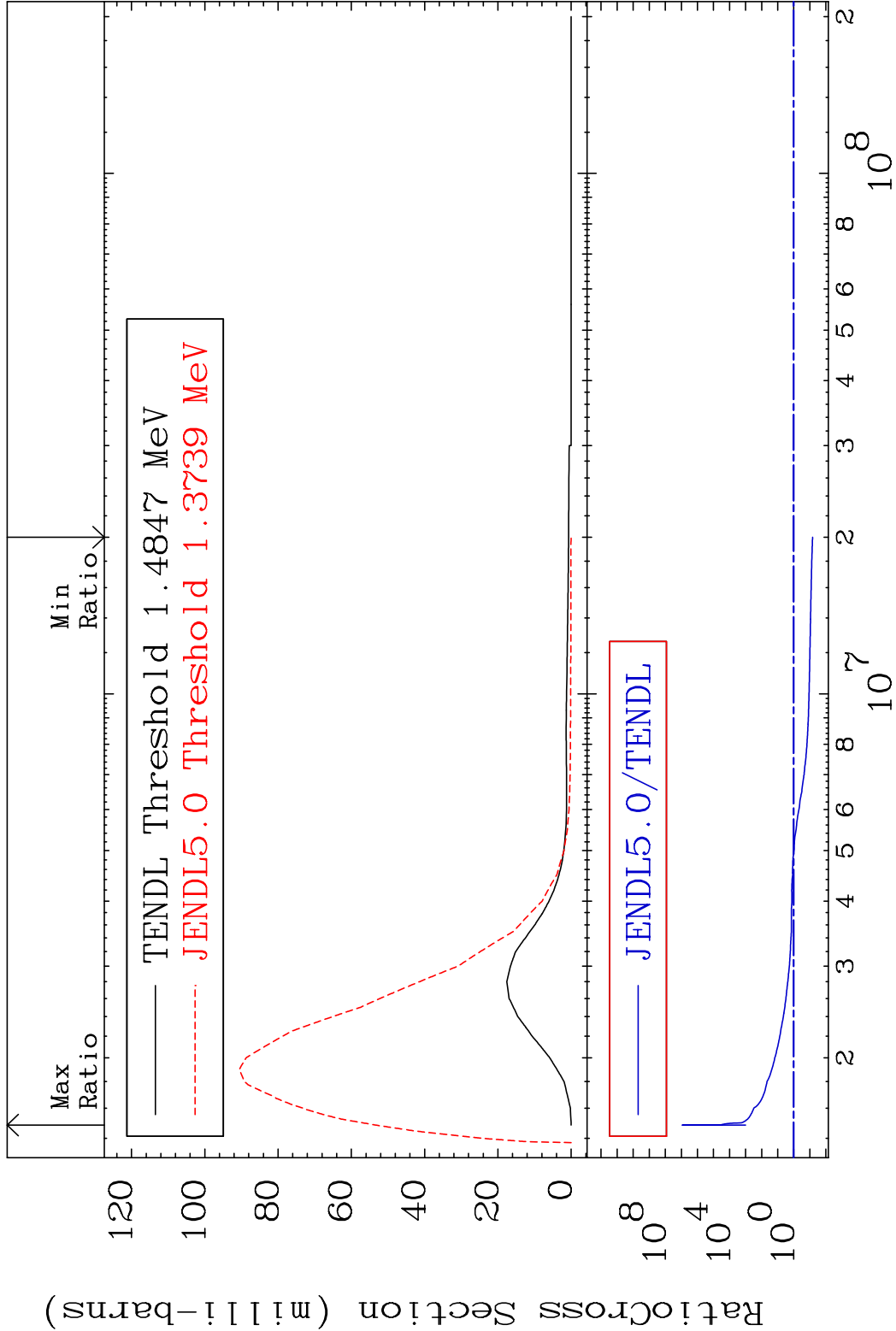
-100.0 To -91.94%

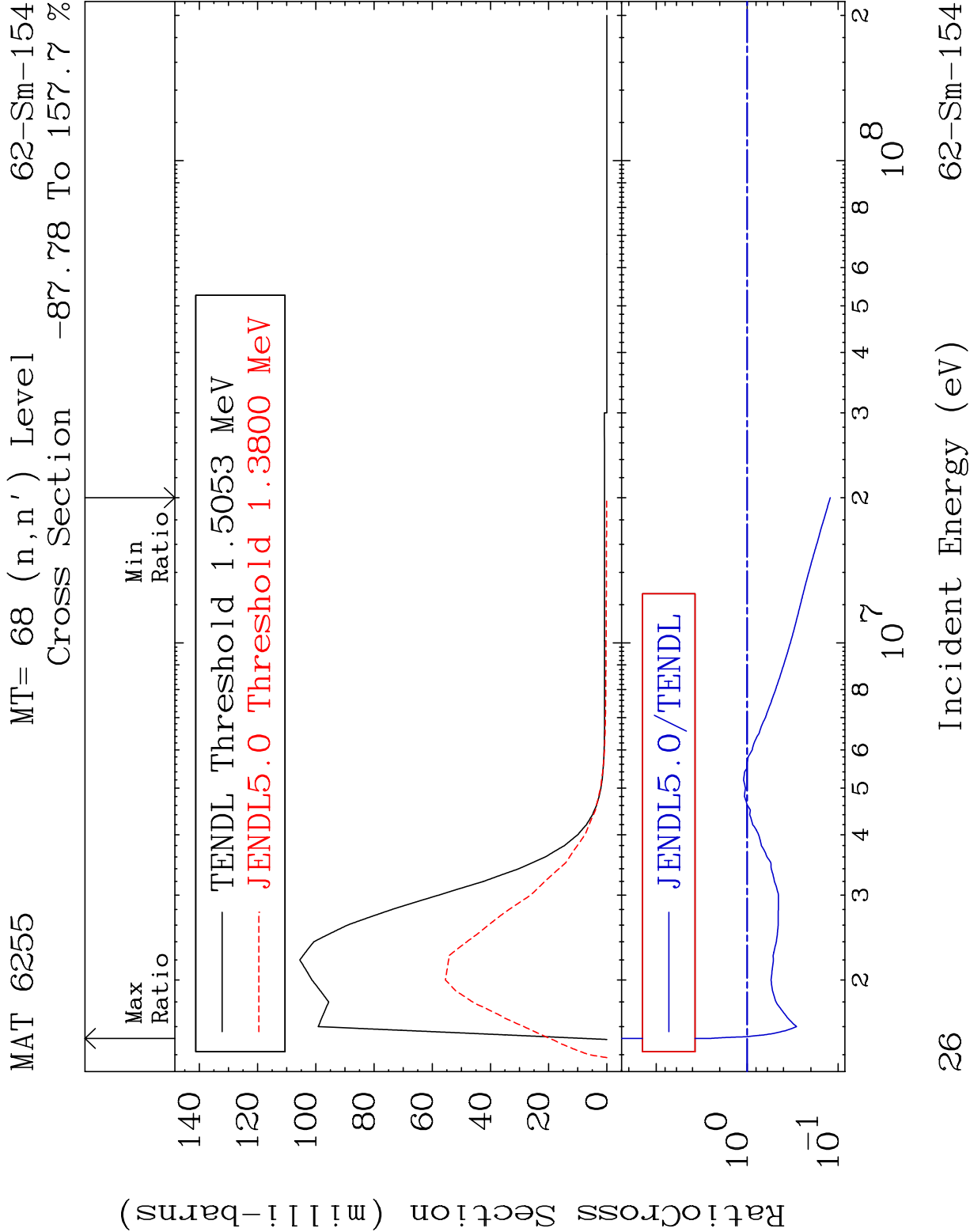


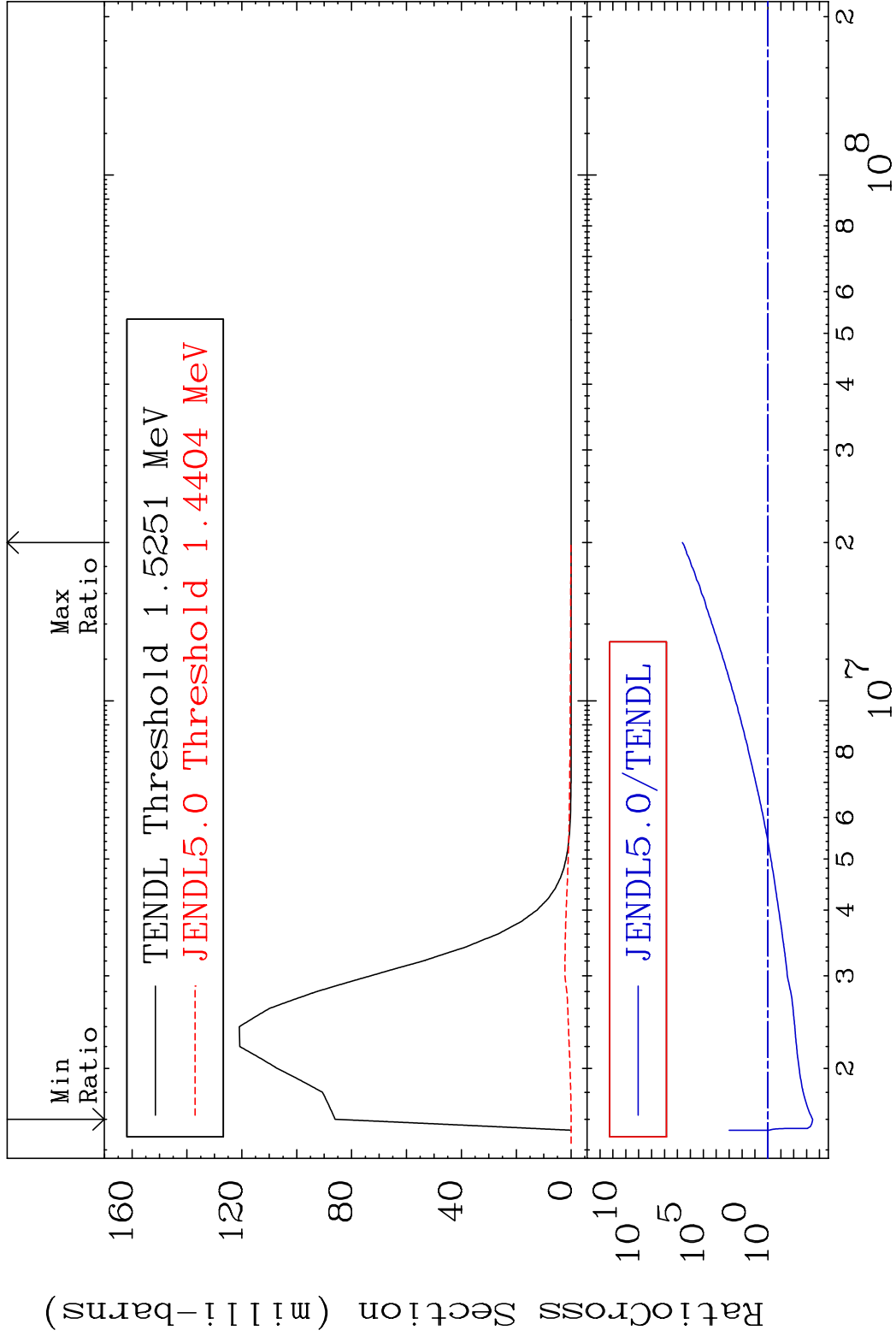
MAT 6255 MT= 66 (n,n') Level 62-Sm-154
Cross Section -95.23 To 6020. %



MAT 6255 MT= 67 (n,n') Level 62-Sm-154
Cross Section -93.24 To 9999. %





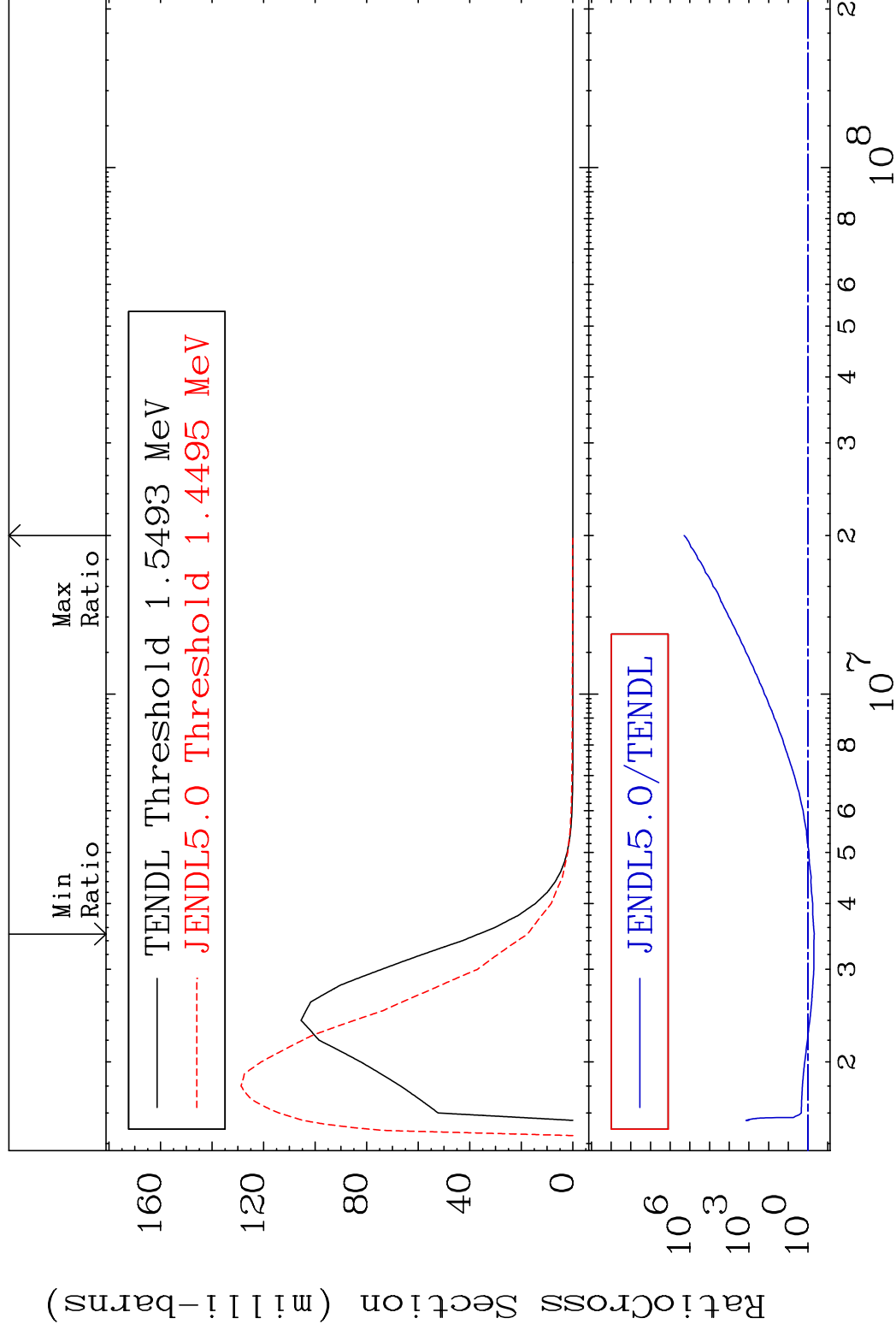


MAT 6255

MT= 70 (n, n') Level

62-Sm-154

Cross Section -52.01 To 9999. %



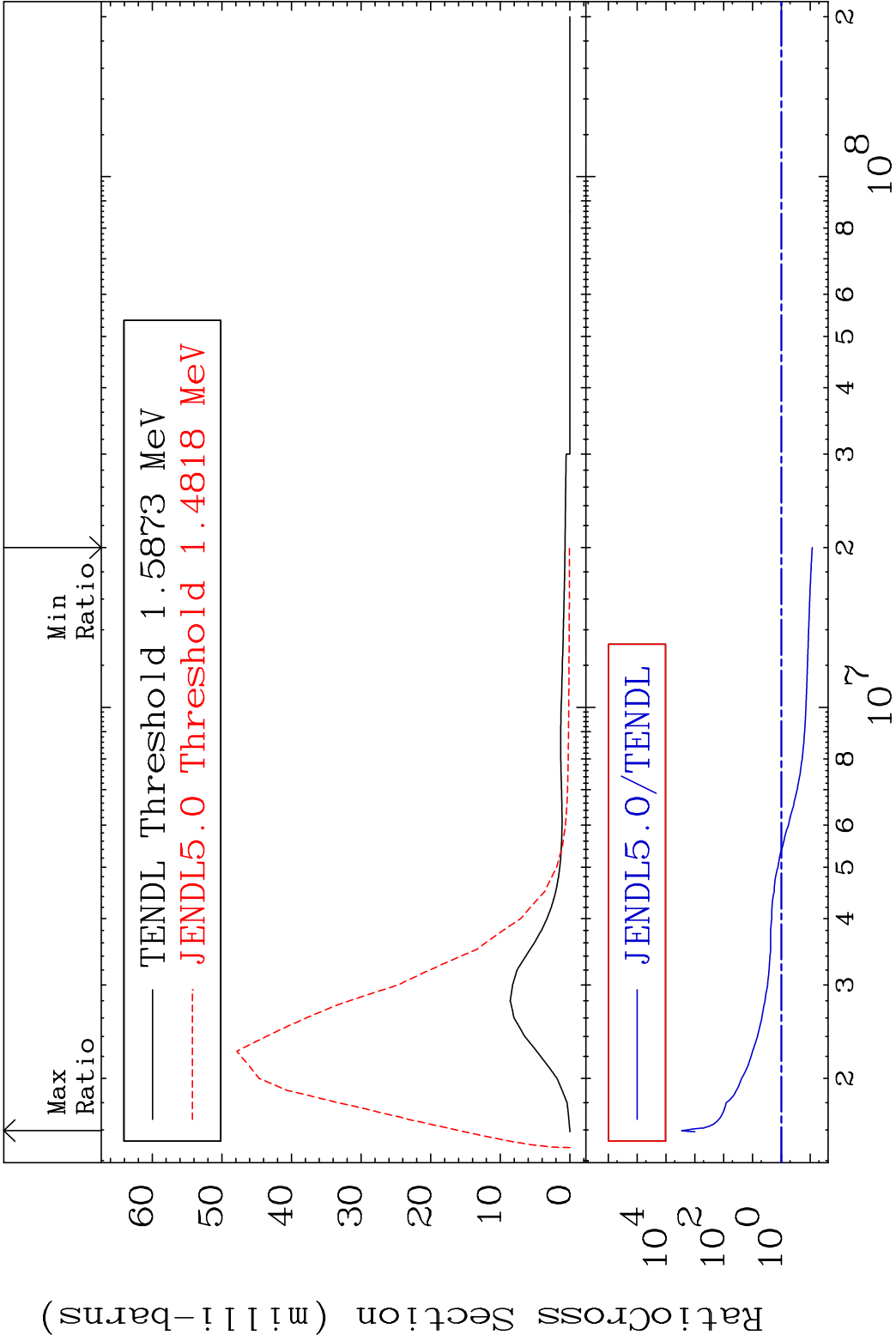
MAT 6255

MT= 71 (n,n') Level

62-Sm-154

Cross Section

-91.52 To 9999. %



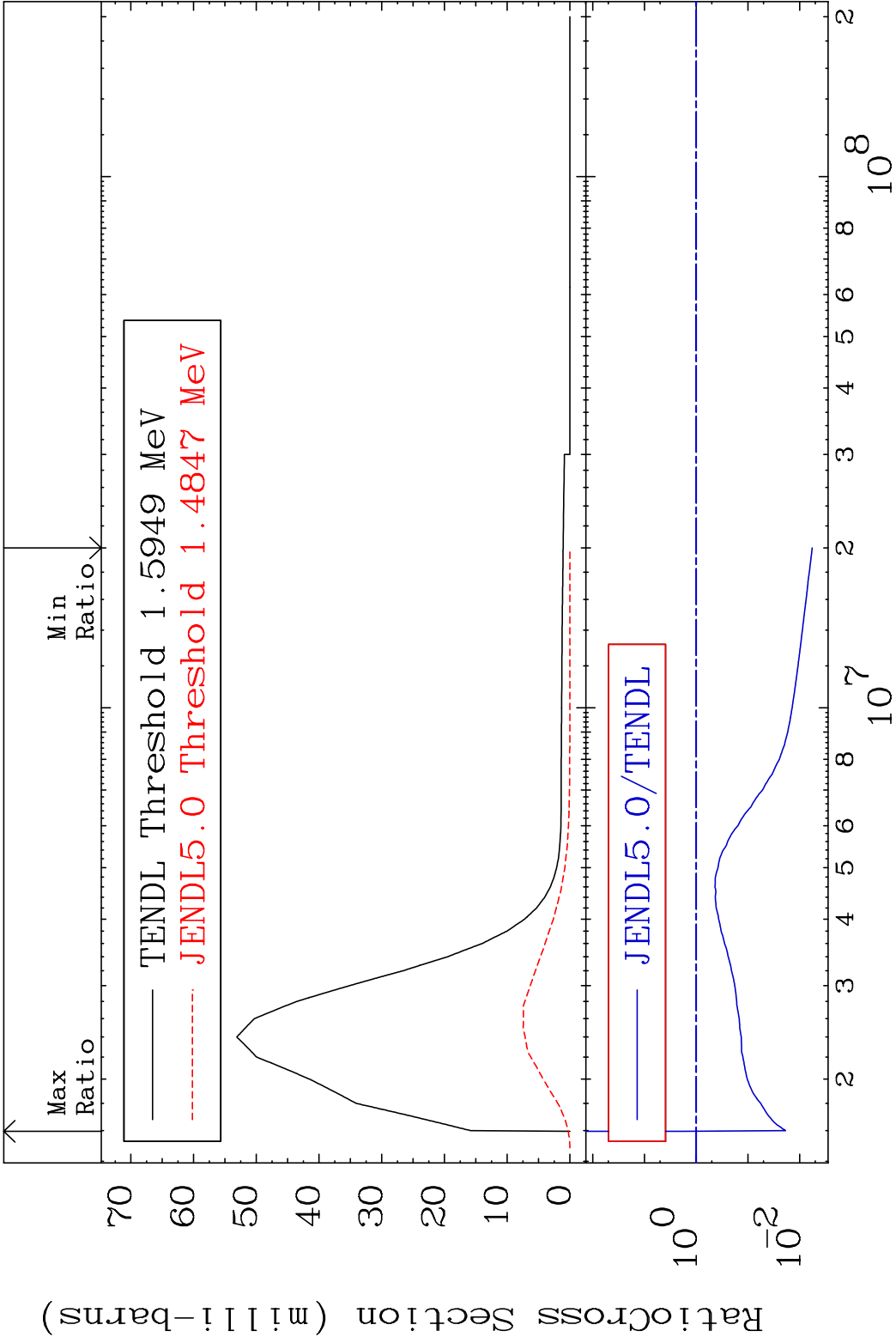
MAT 6255

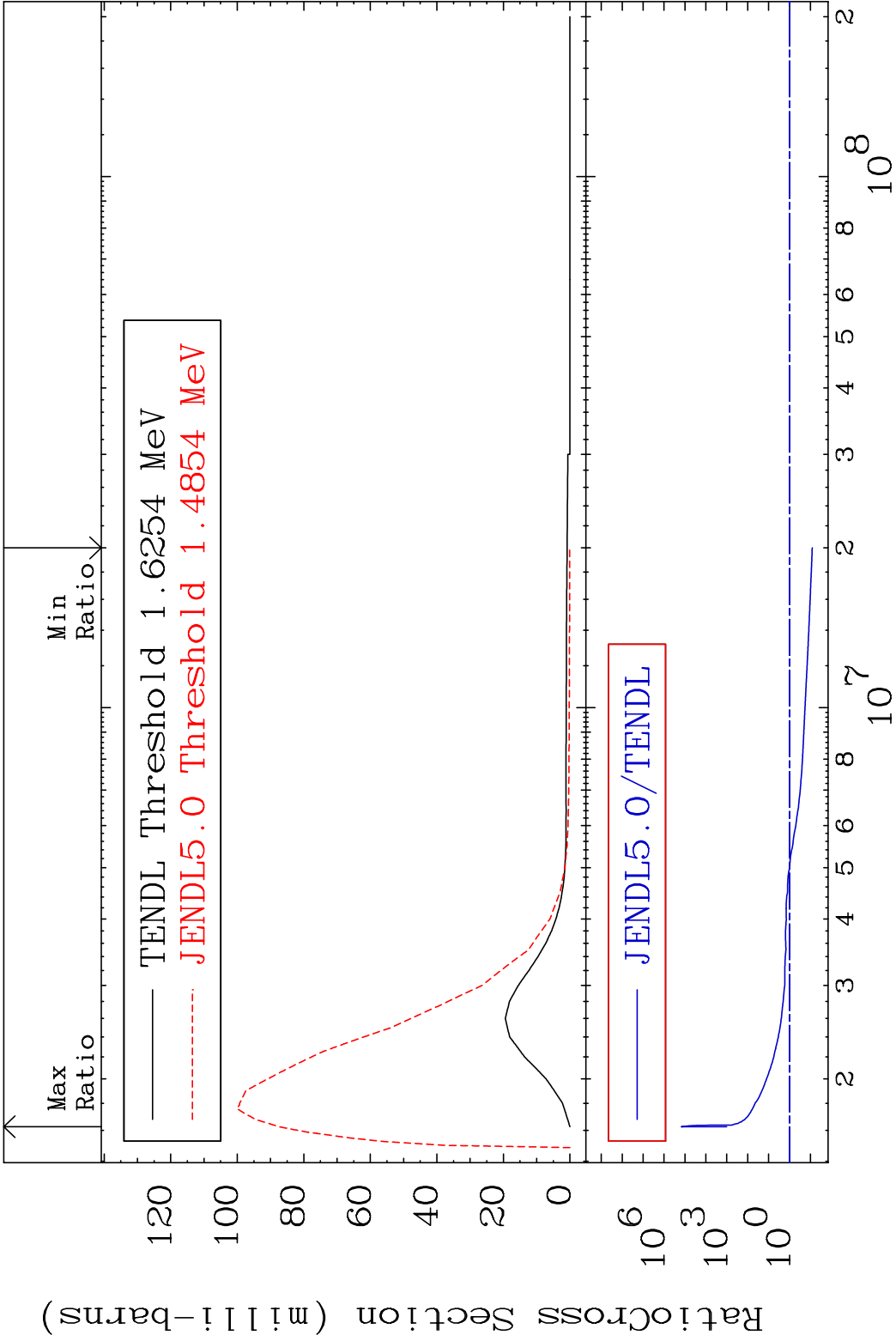
MT= 72 (n,n') Level

62-Sm-154

Cross Section

-99.43 To 92.48 %





MAT 6255

MT= 74 (n,n')

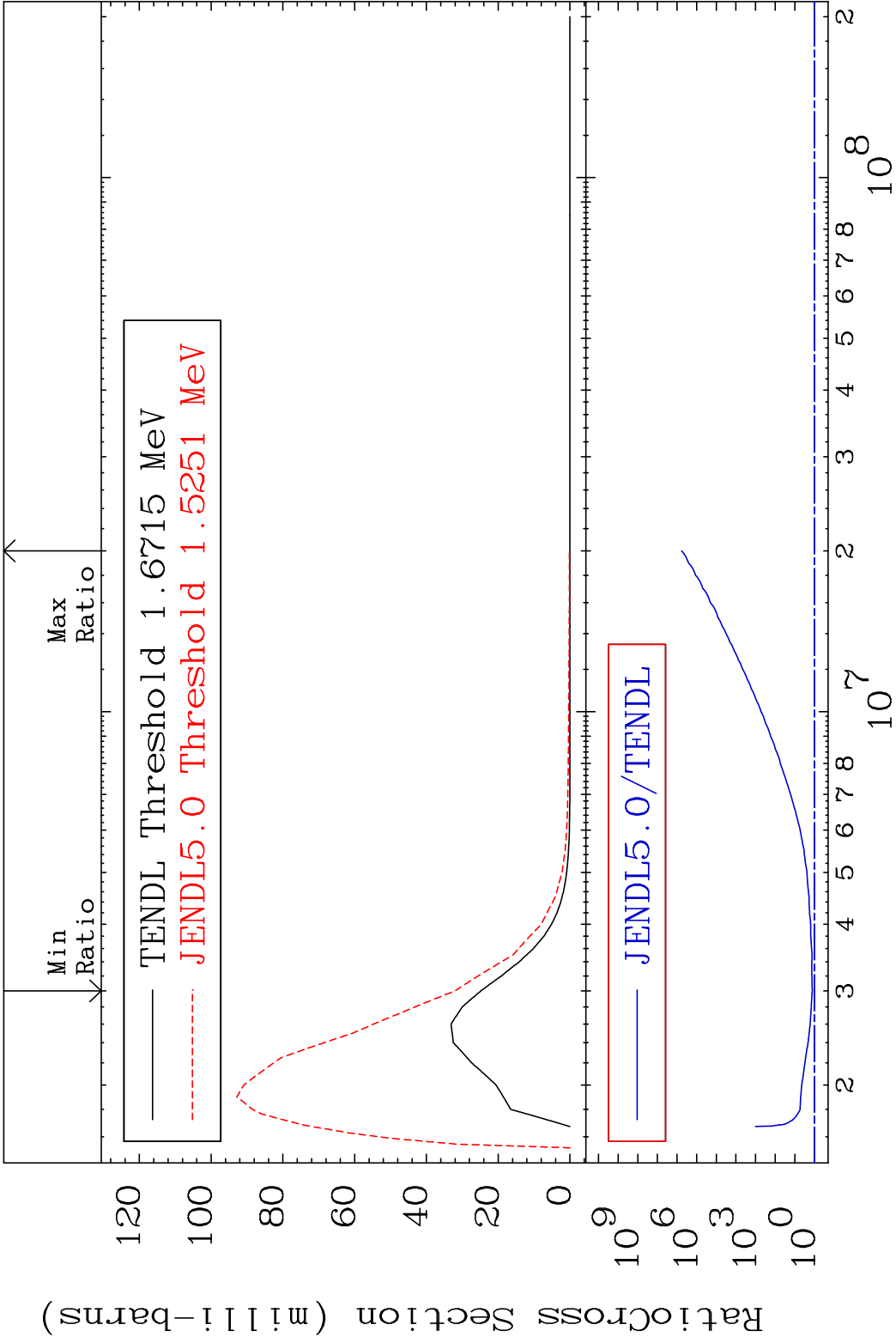
Level

62-Sm-154

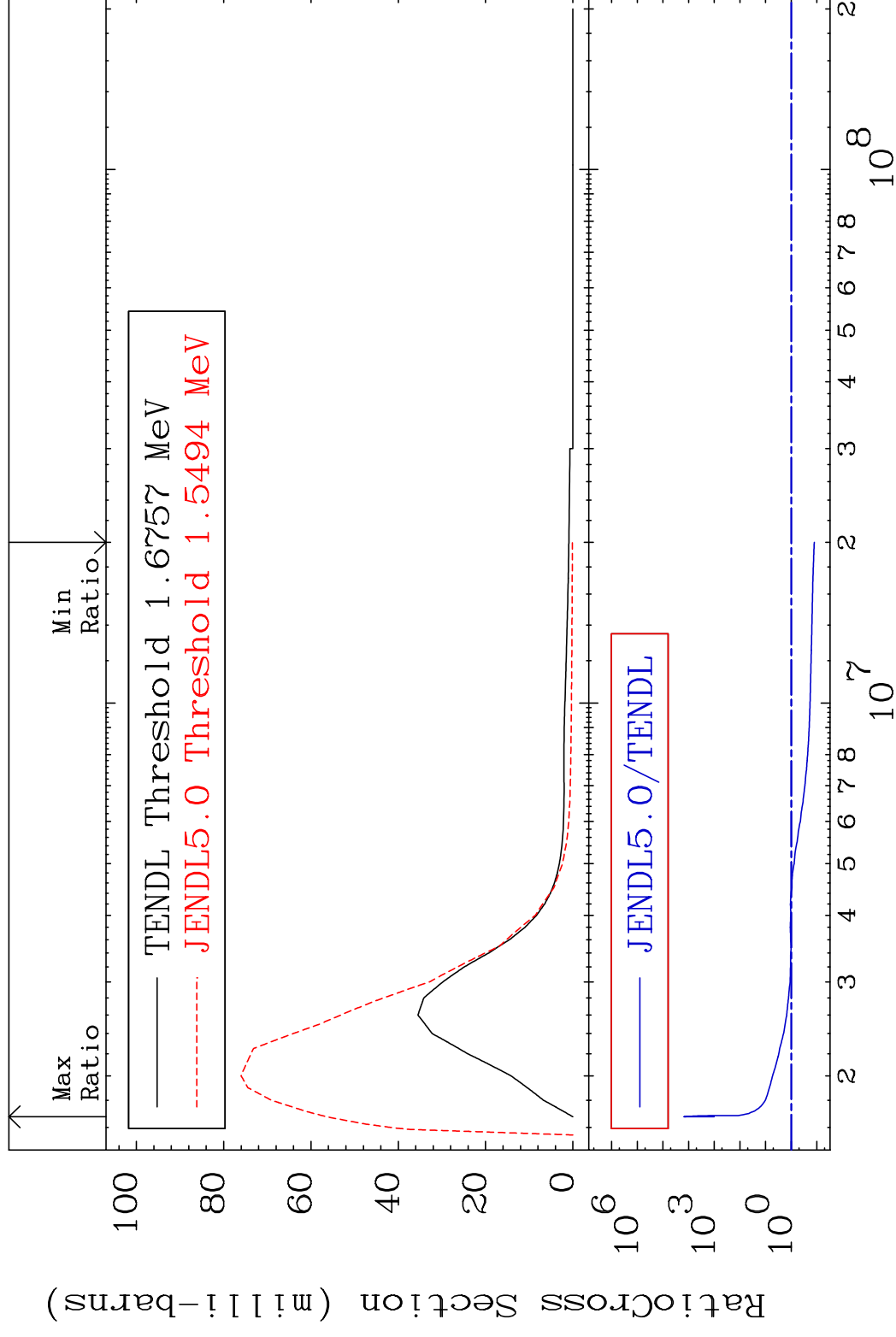
Cross Section

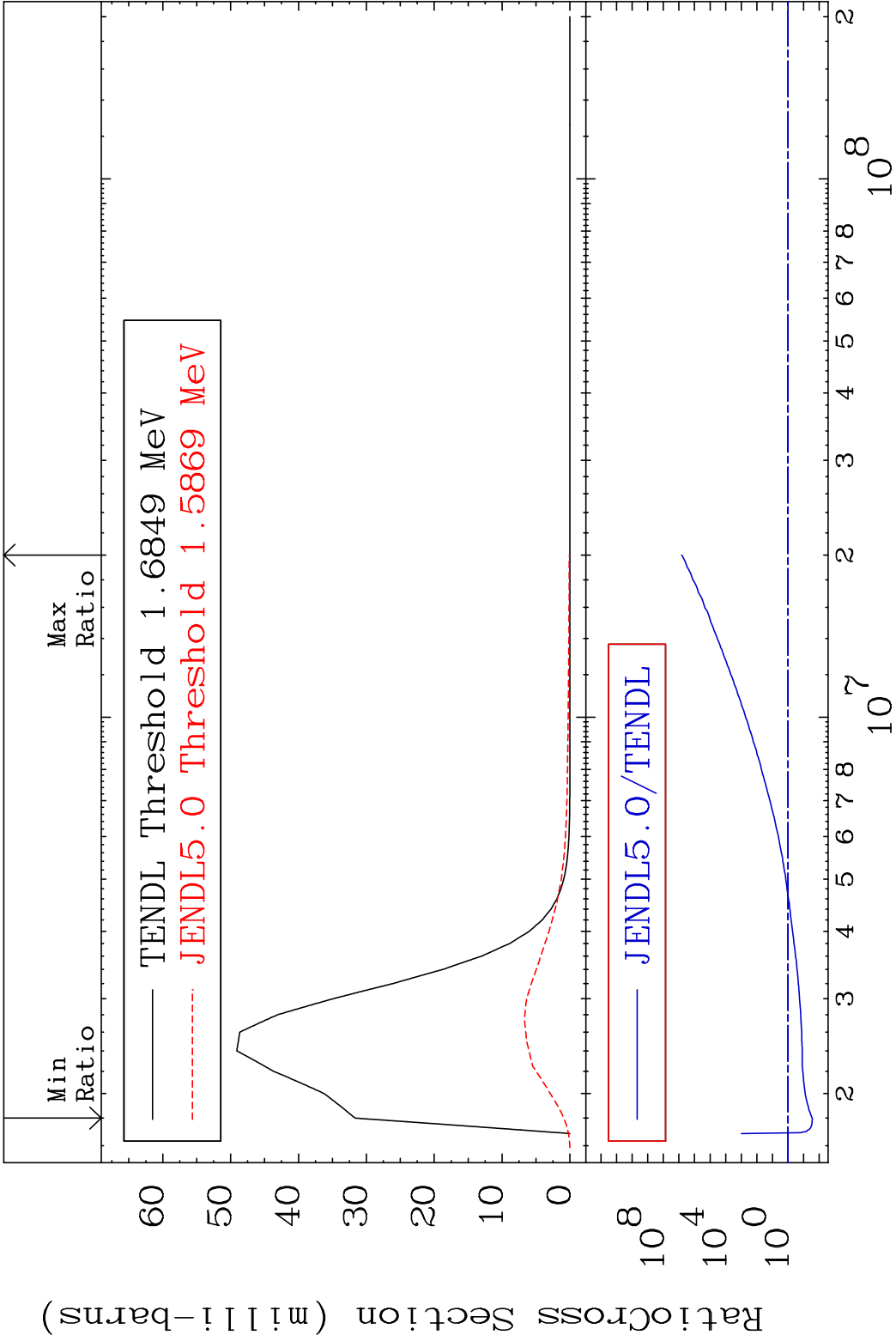
28.97

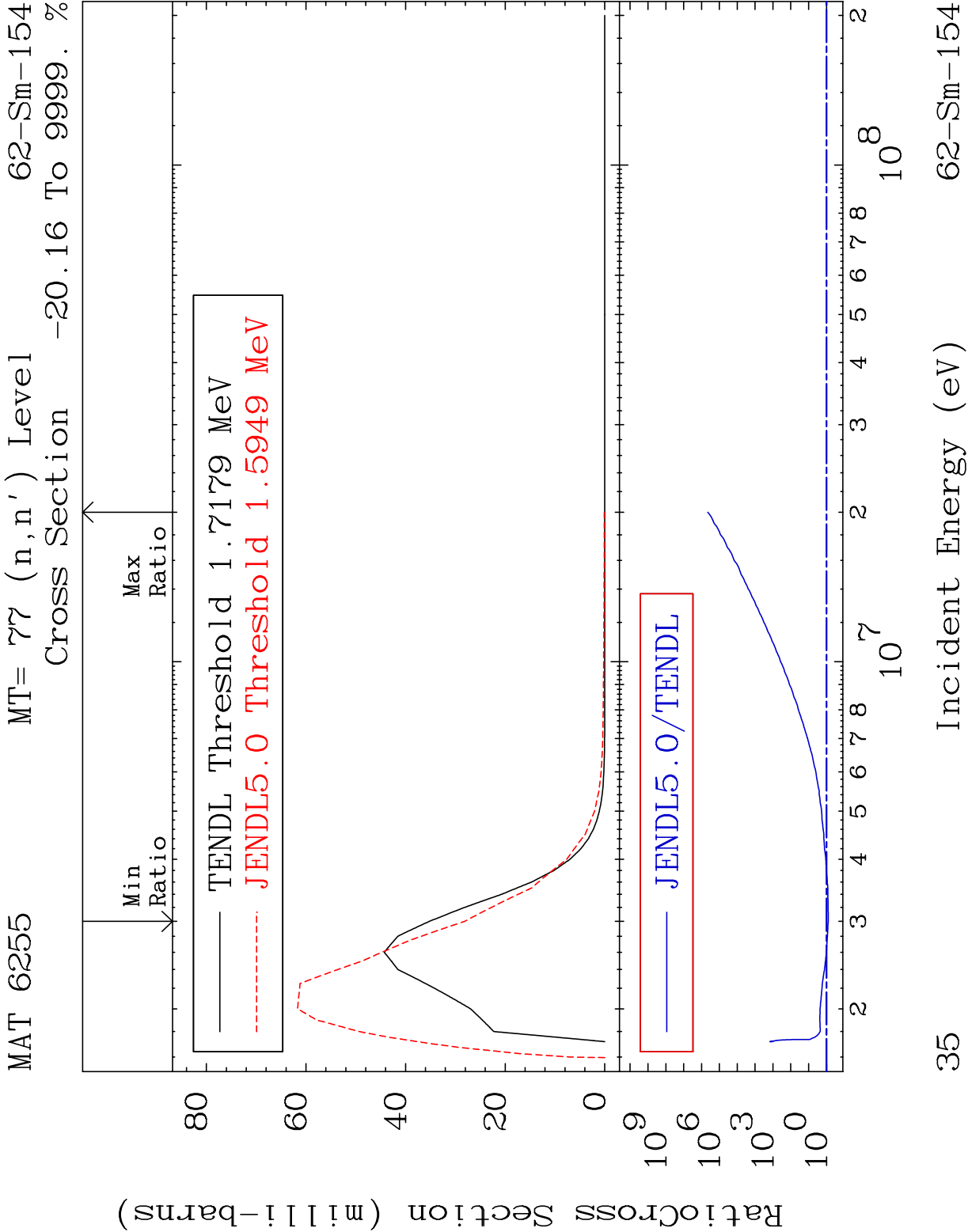
To 9999. %

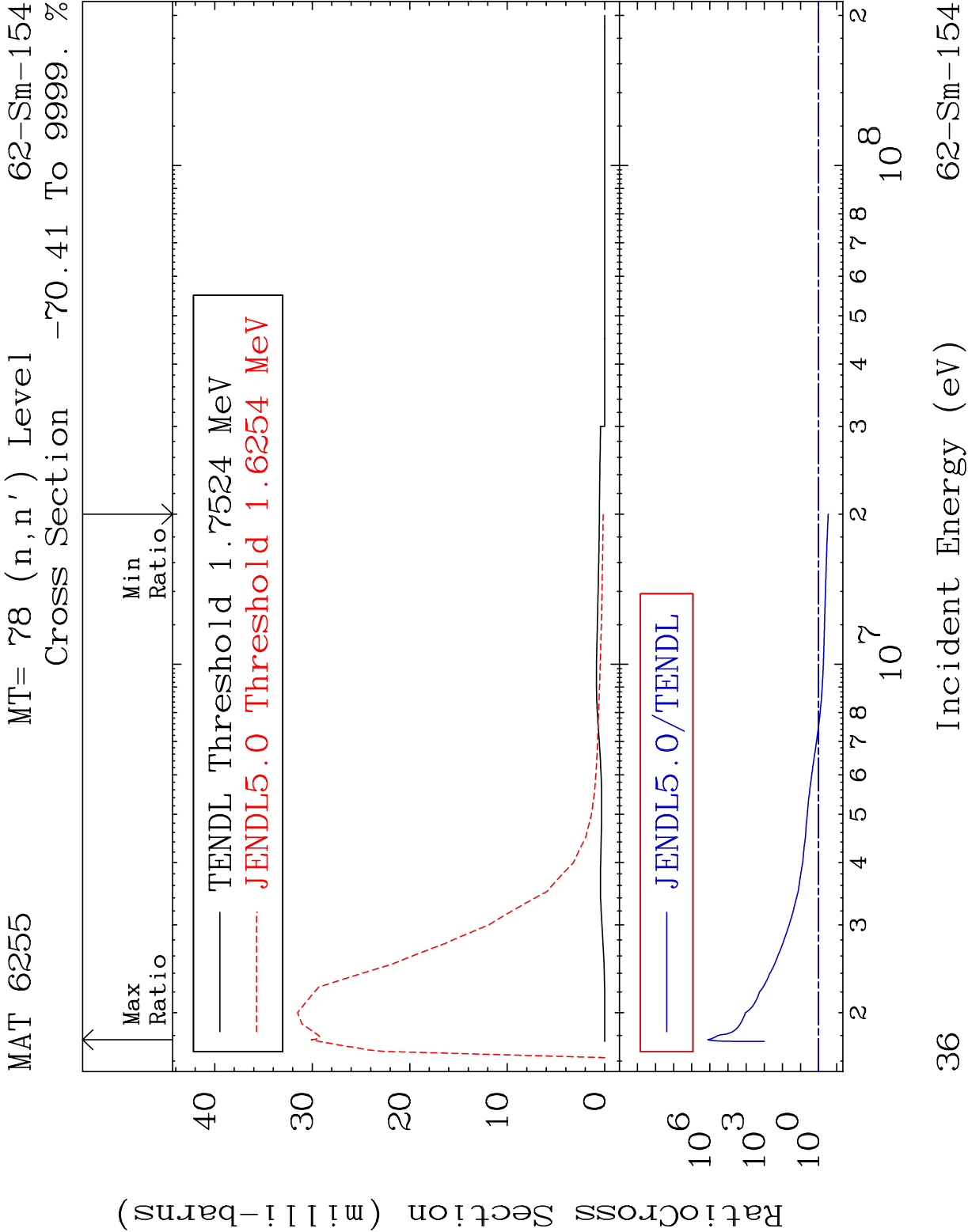


MAT 6255	MT= 75 (n, n') Level	62-Sm-154
	Cross Section	-87.38 To 9999. %

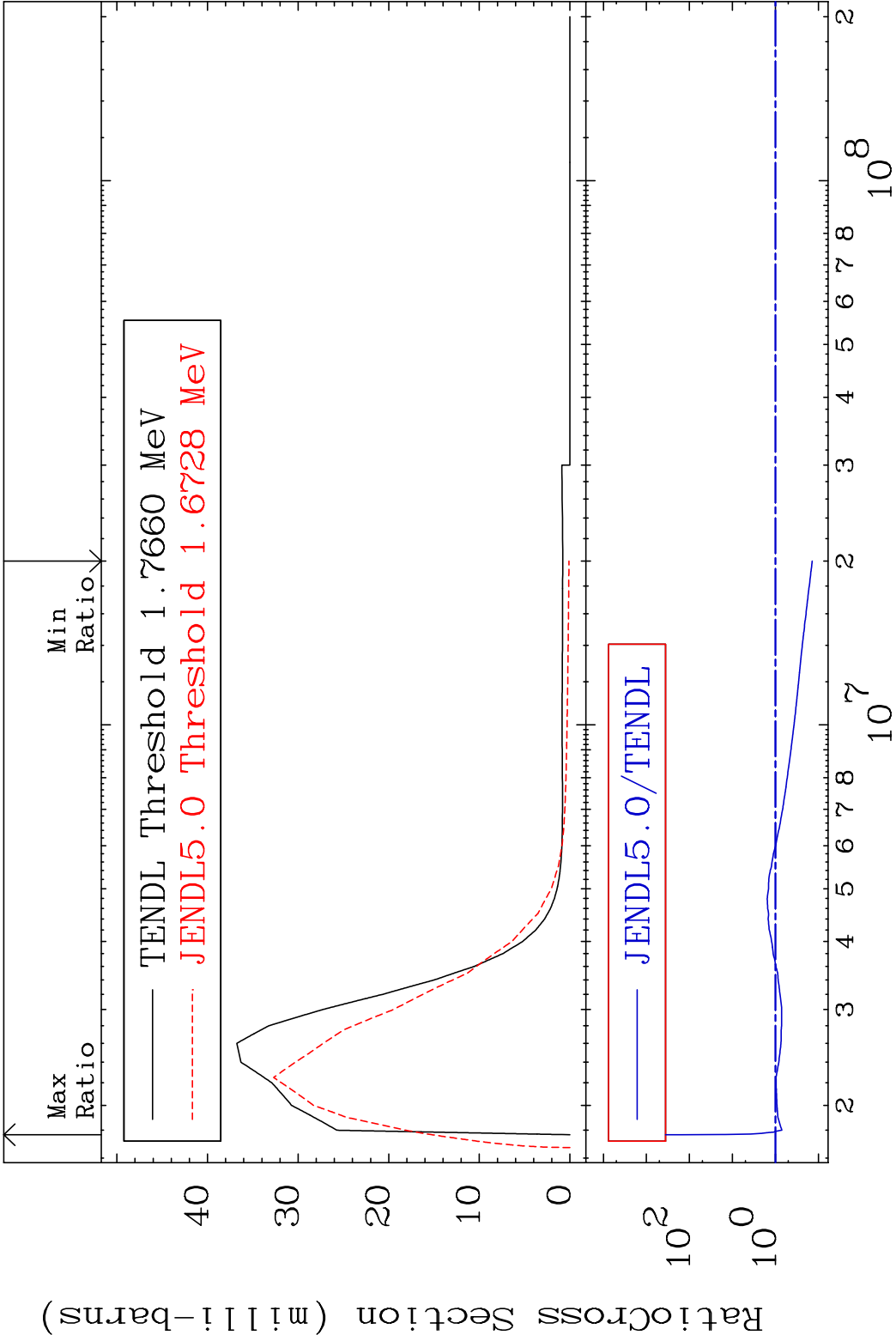


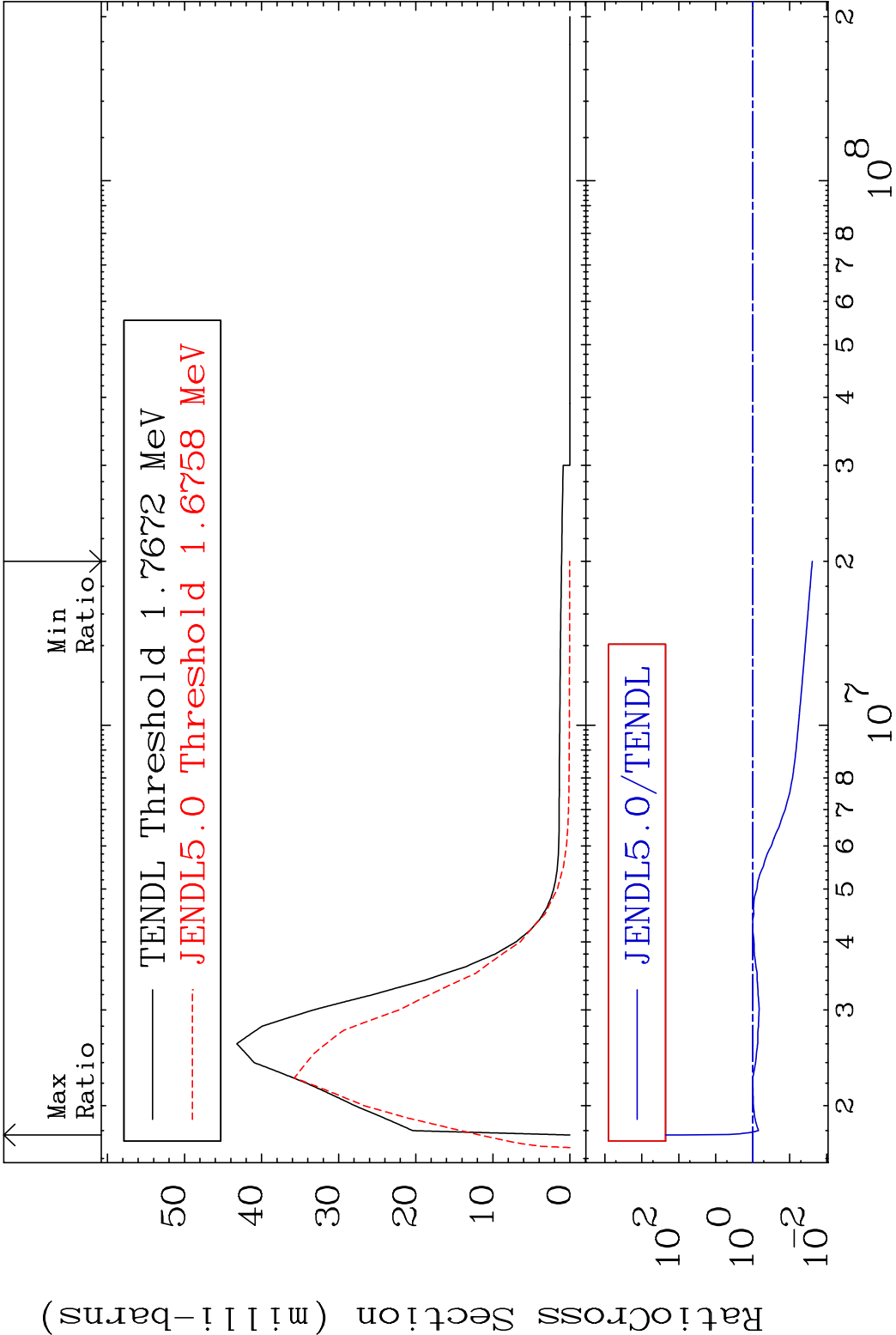


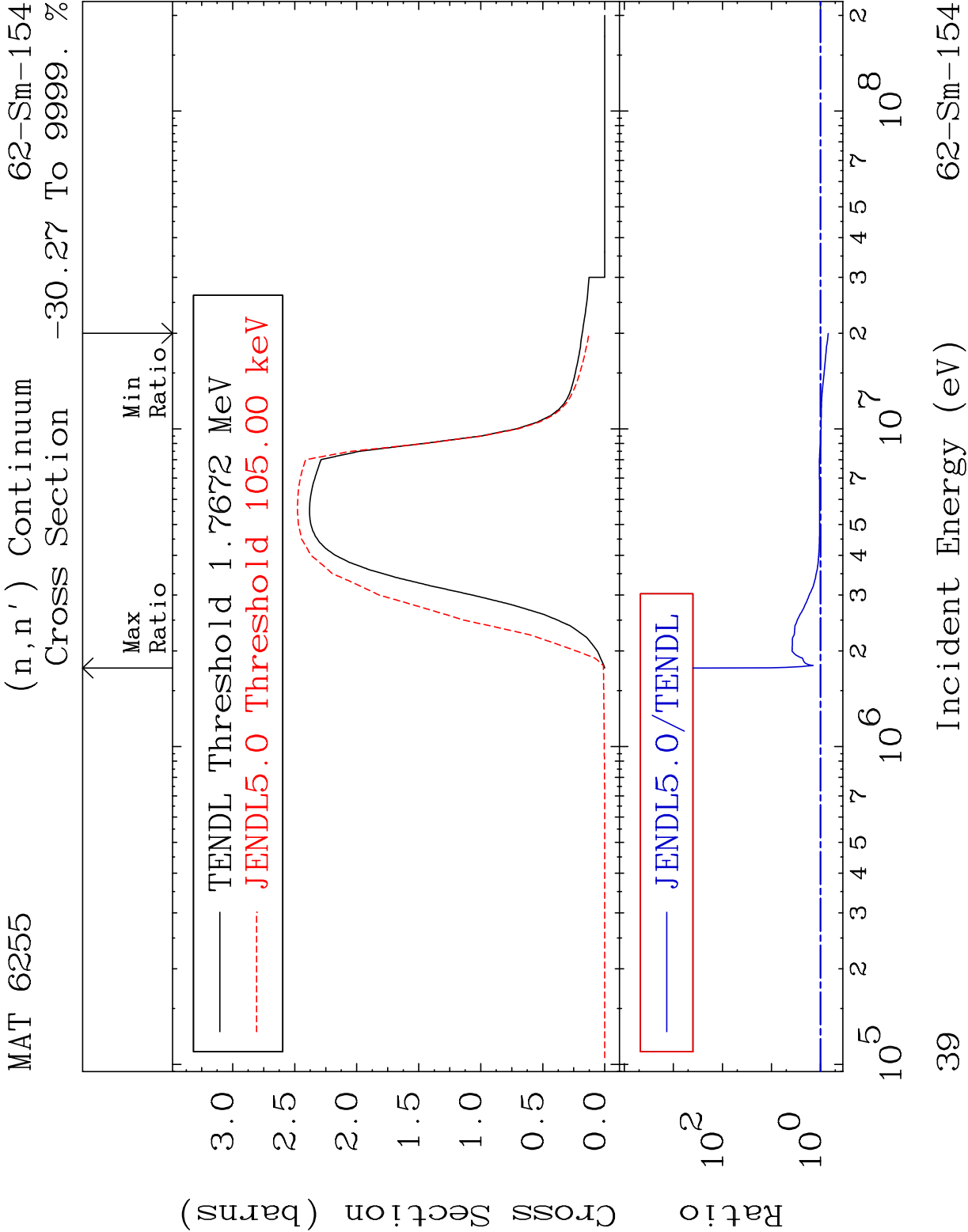


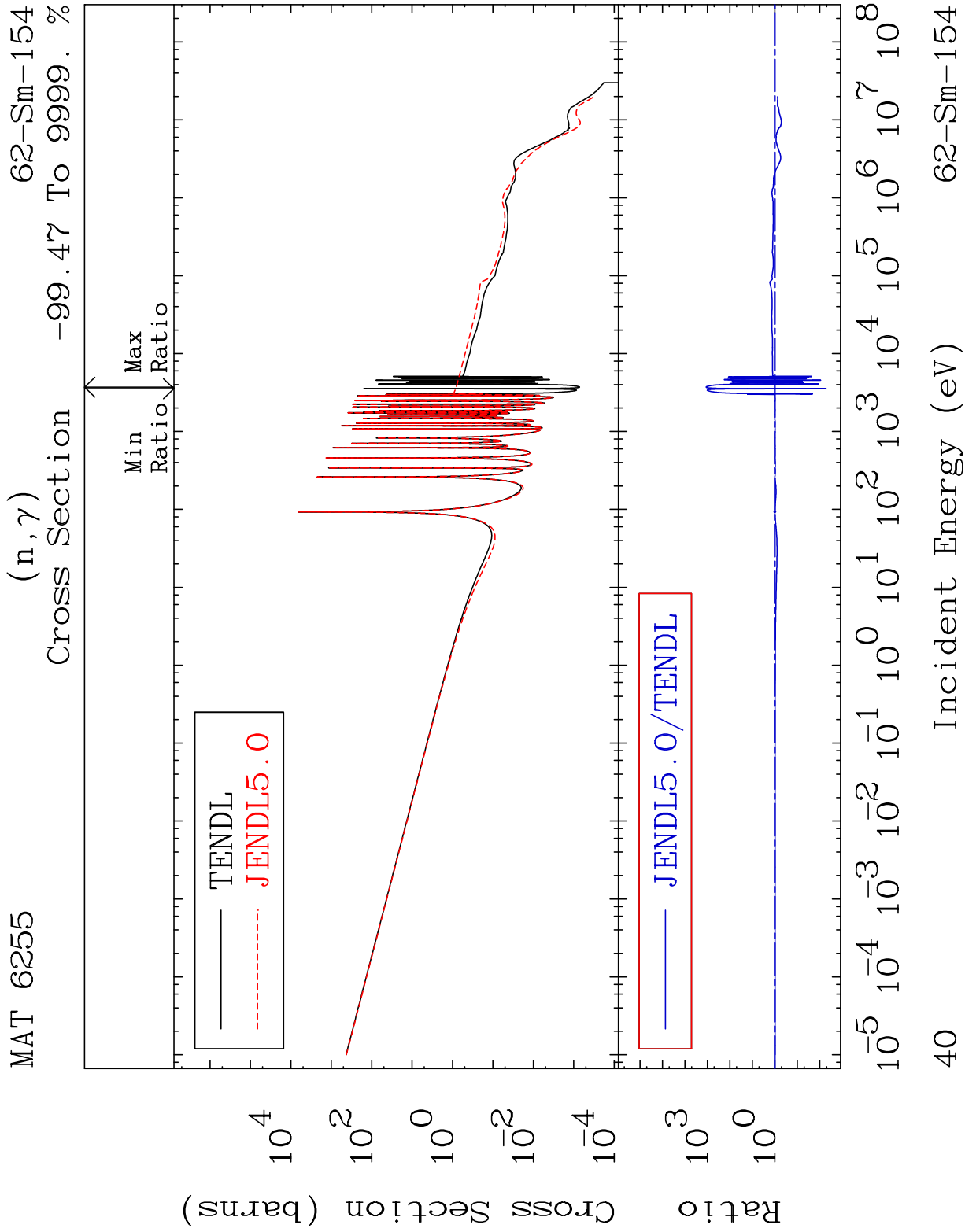


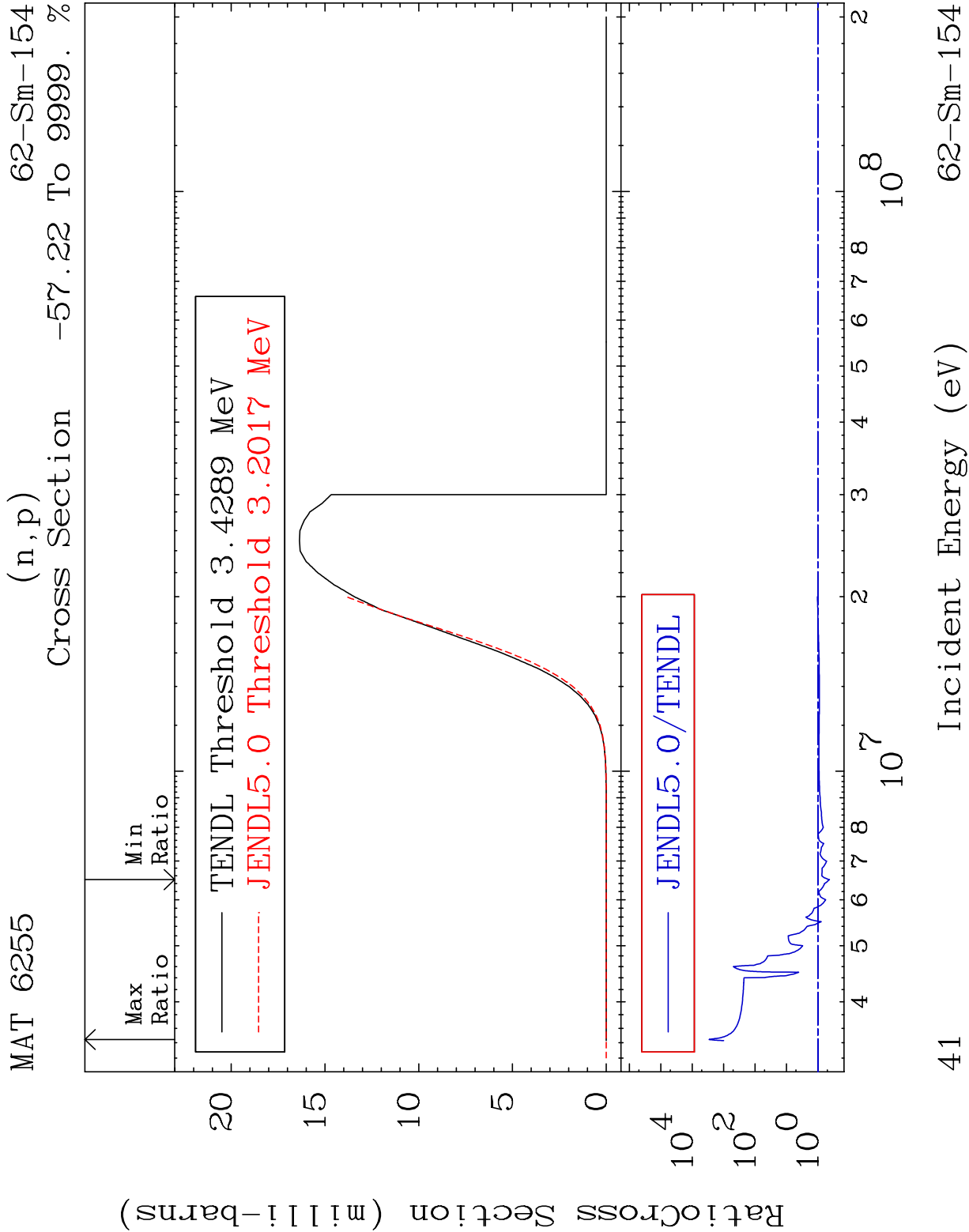
MAT 6255 MT= 79 (n,n') Level 62-Sm-154
Cross Section -86.08 To 9999. %

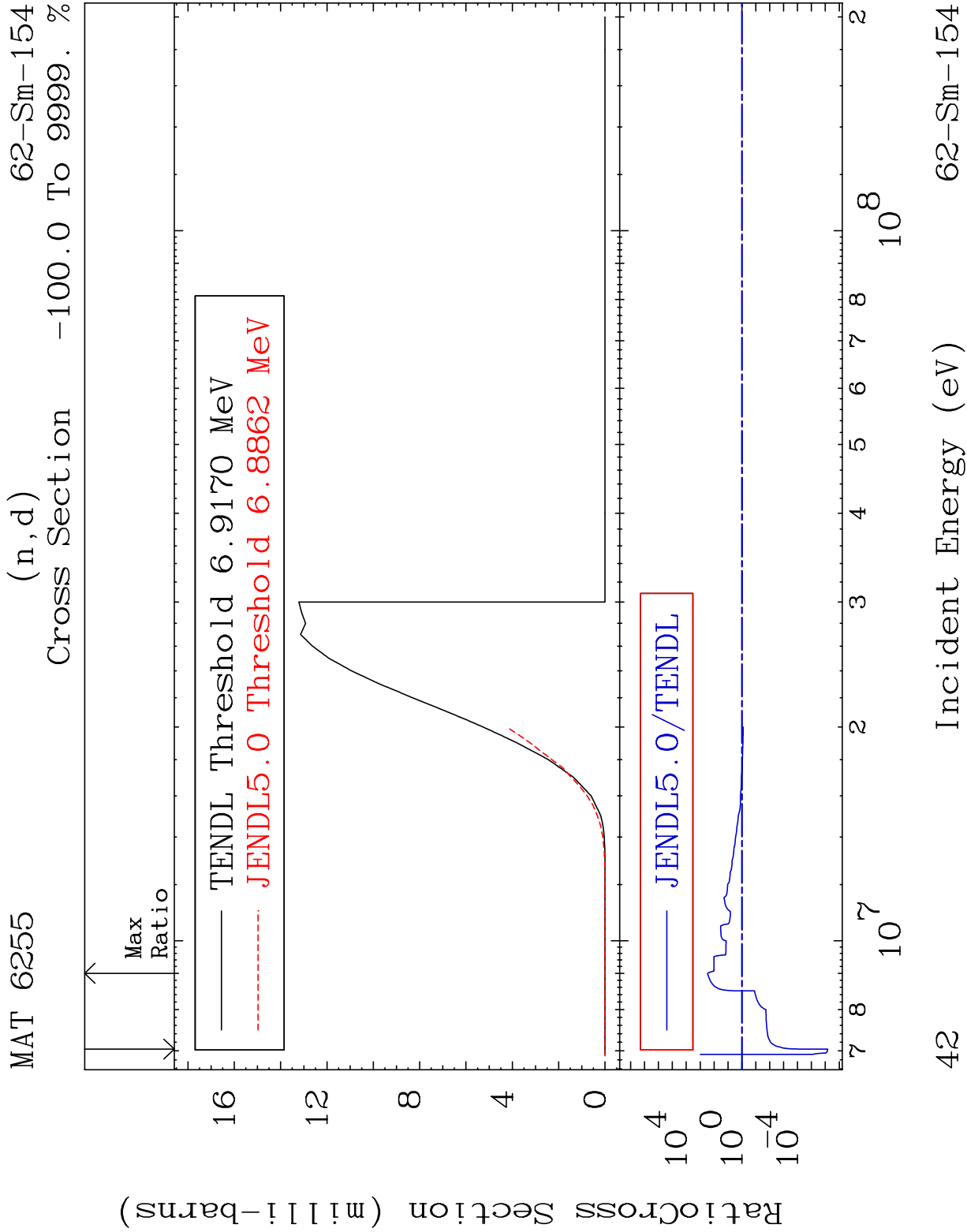


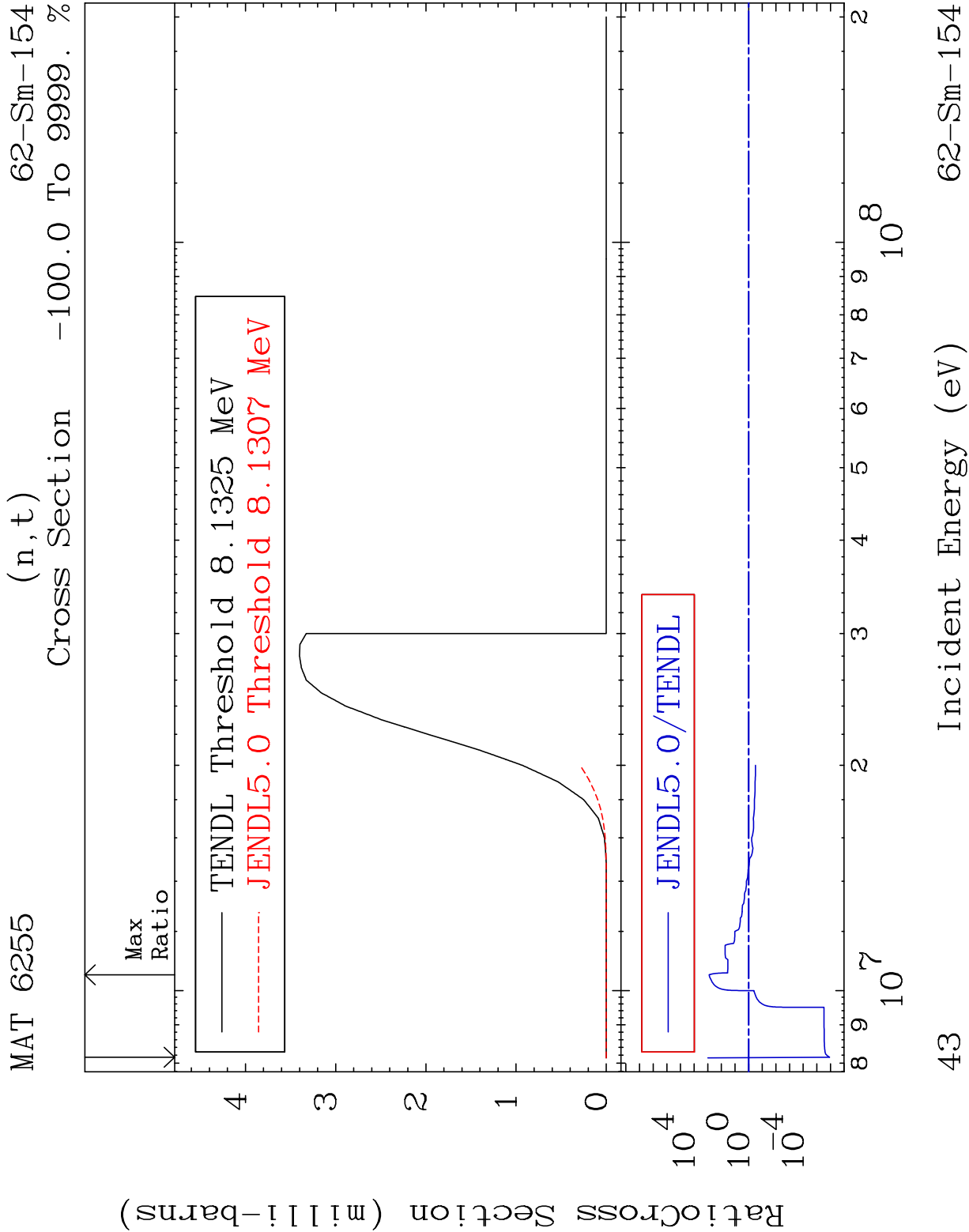


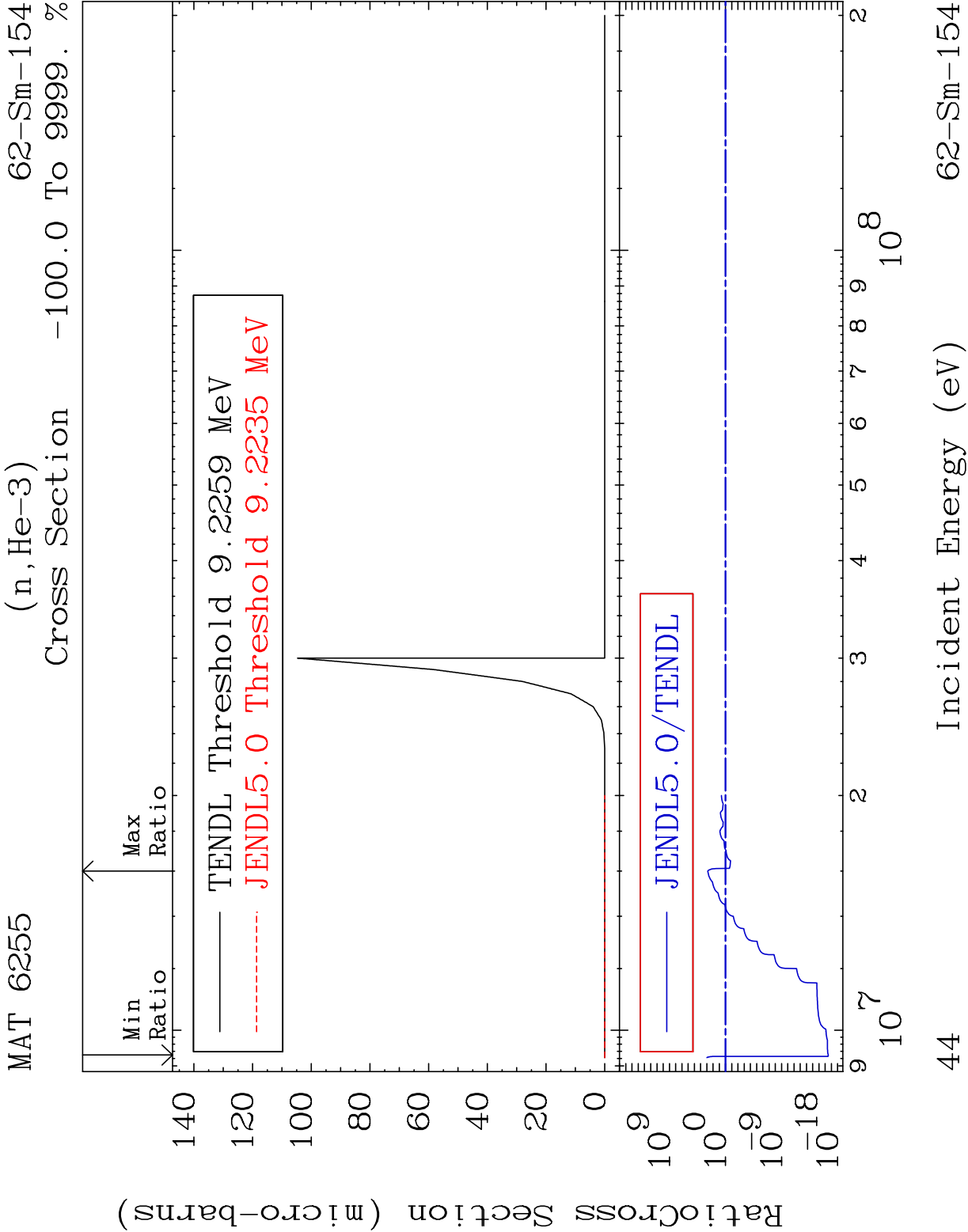


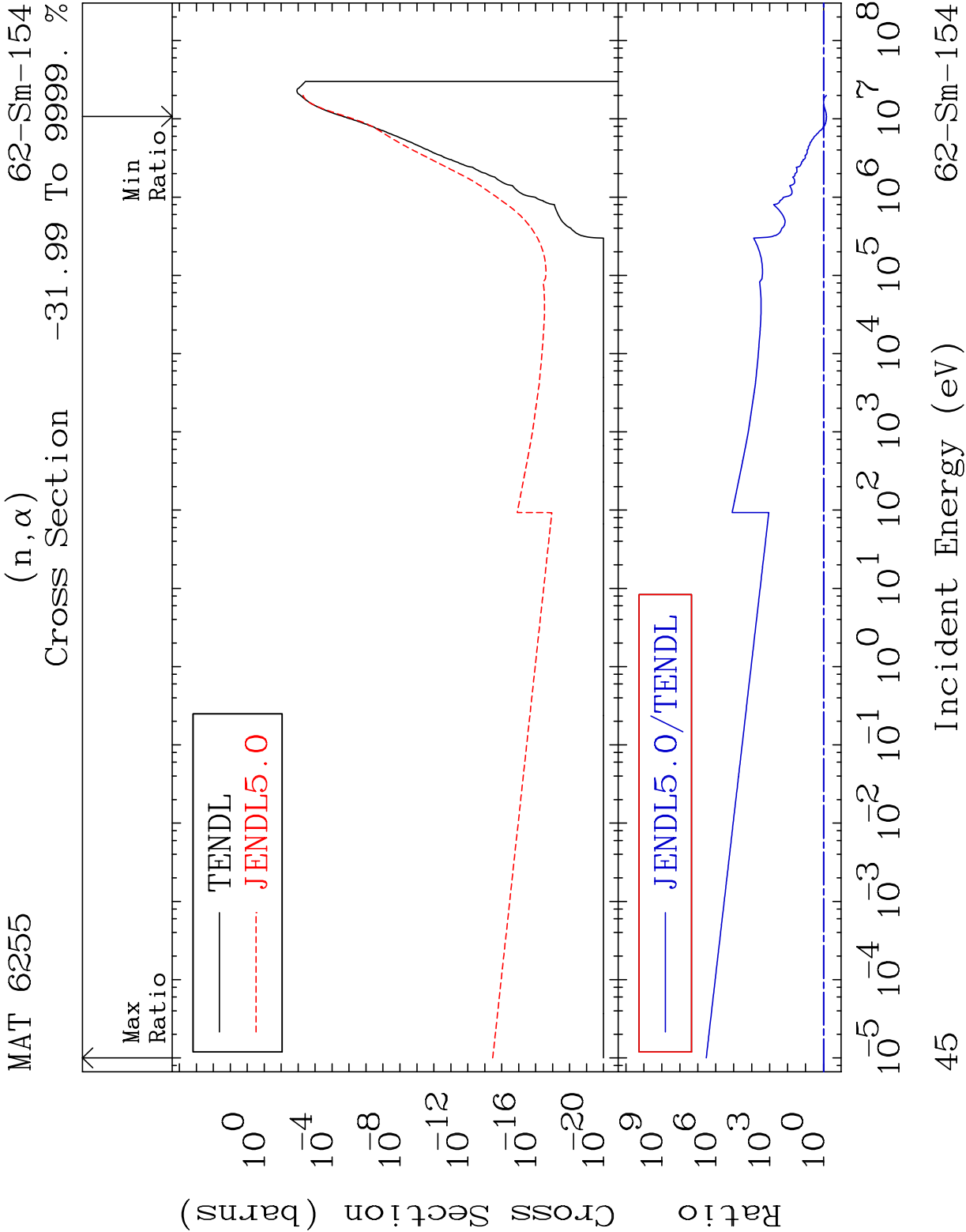


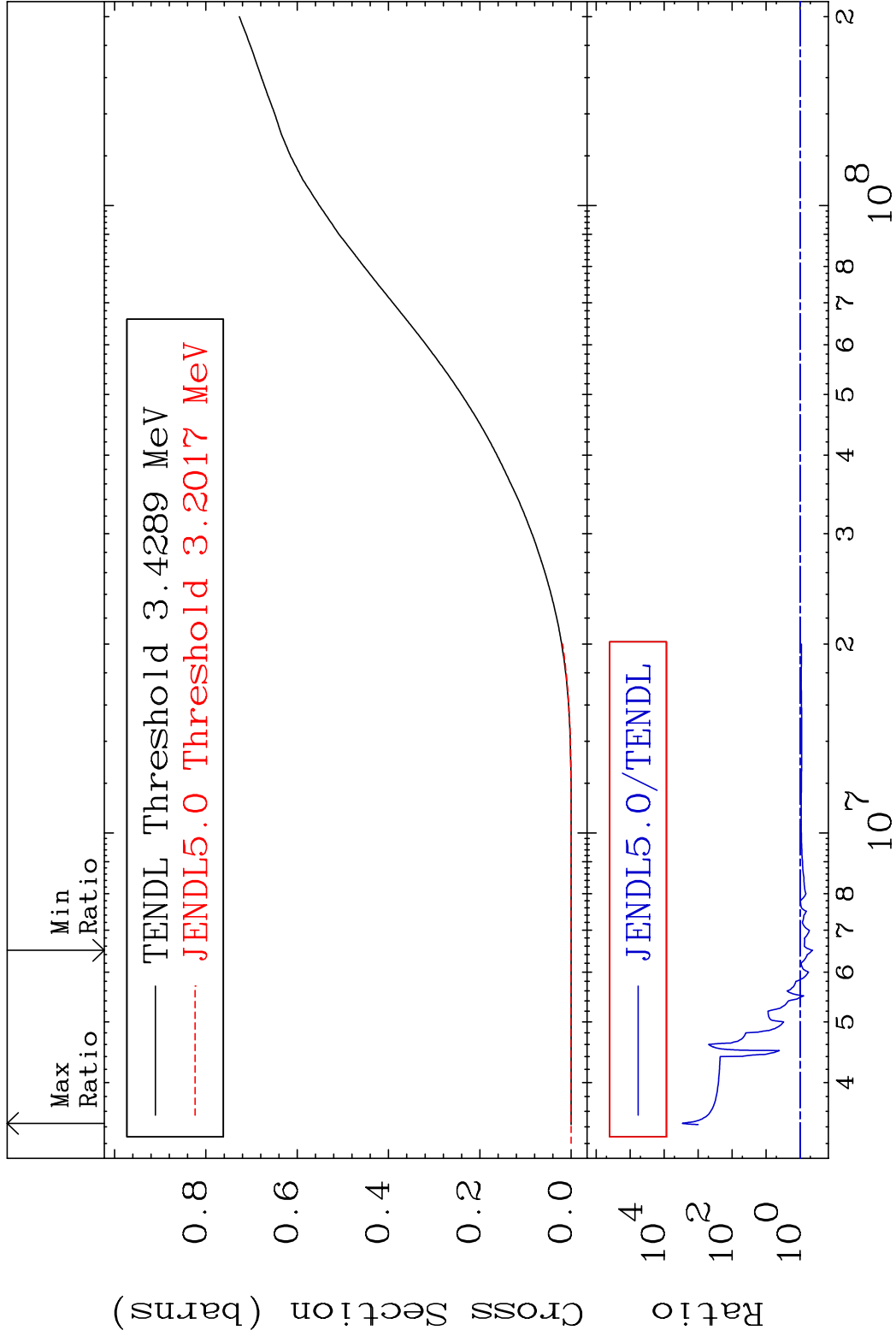


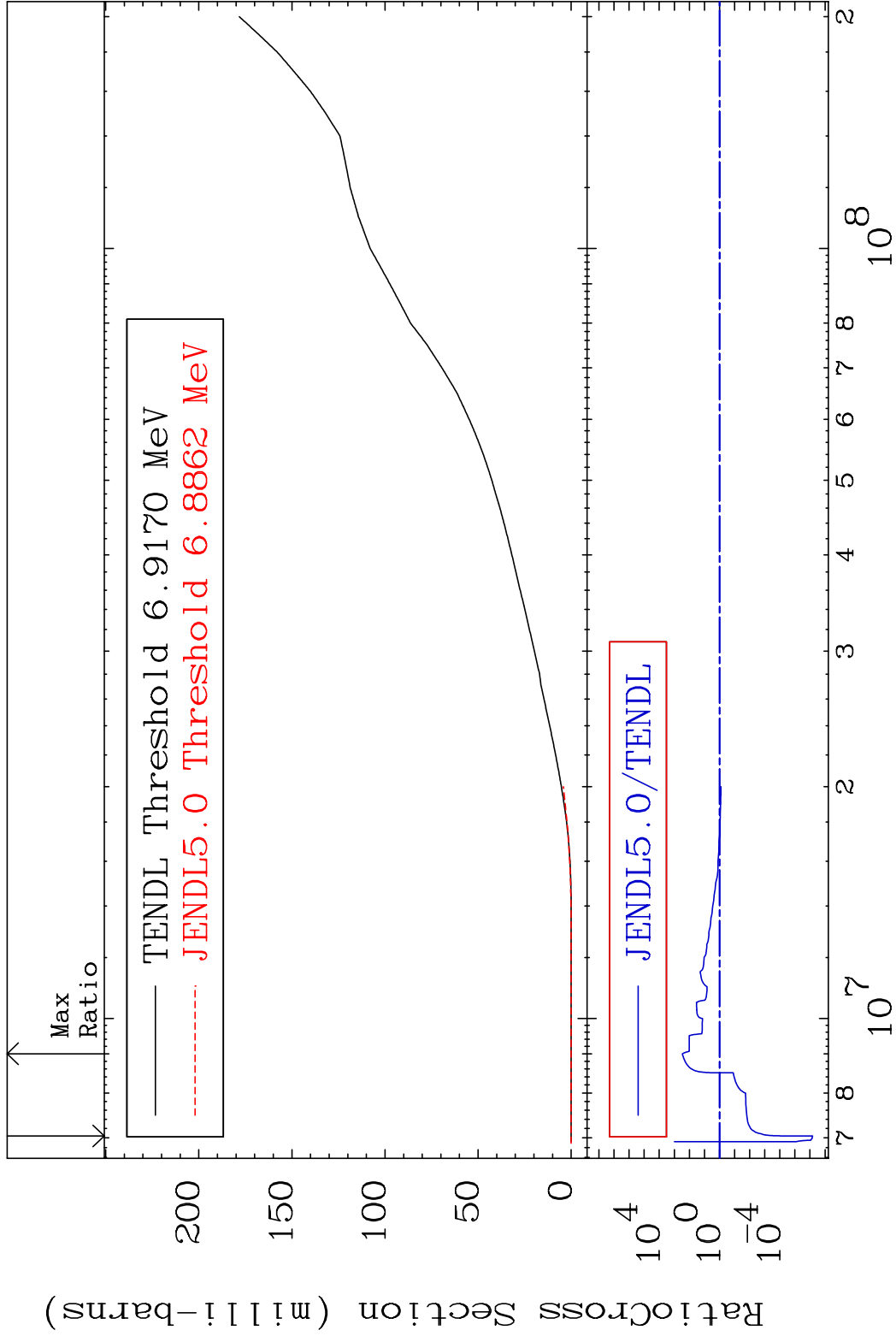




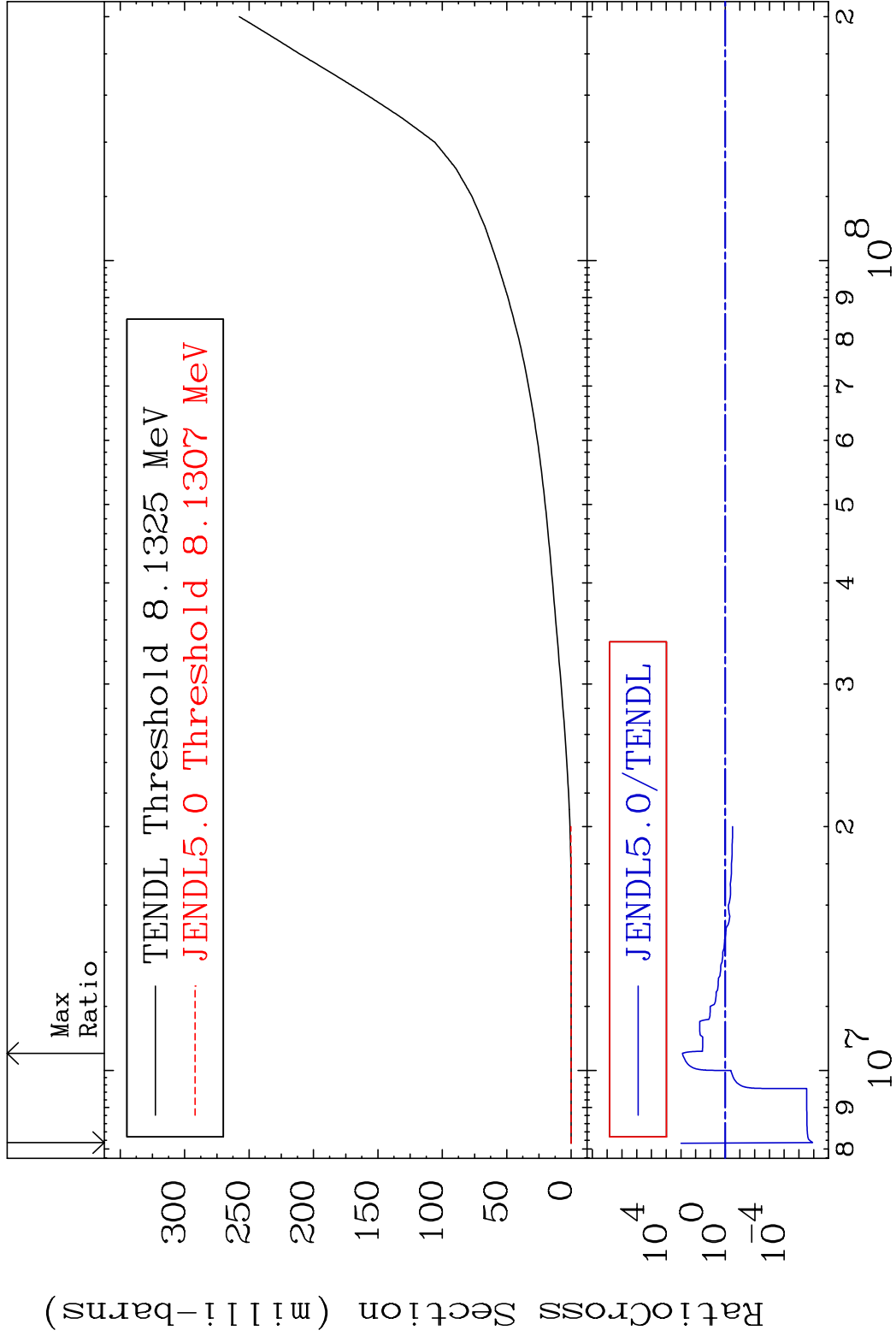




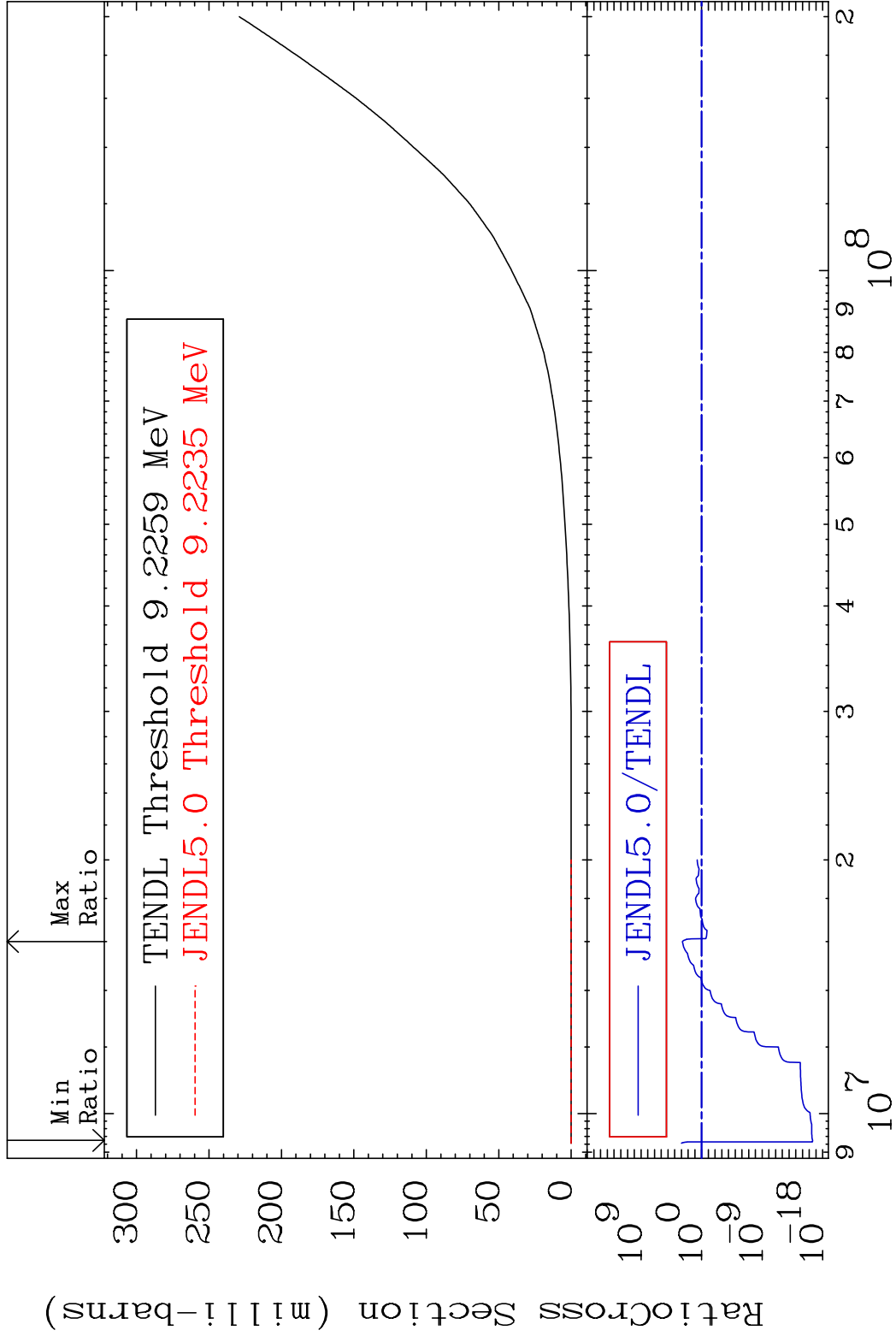




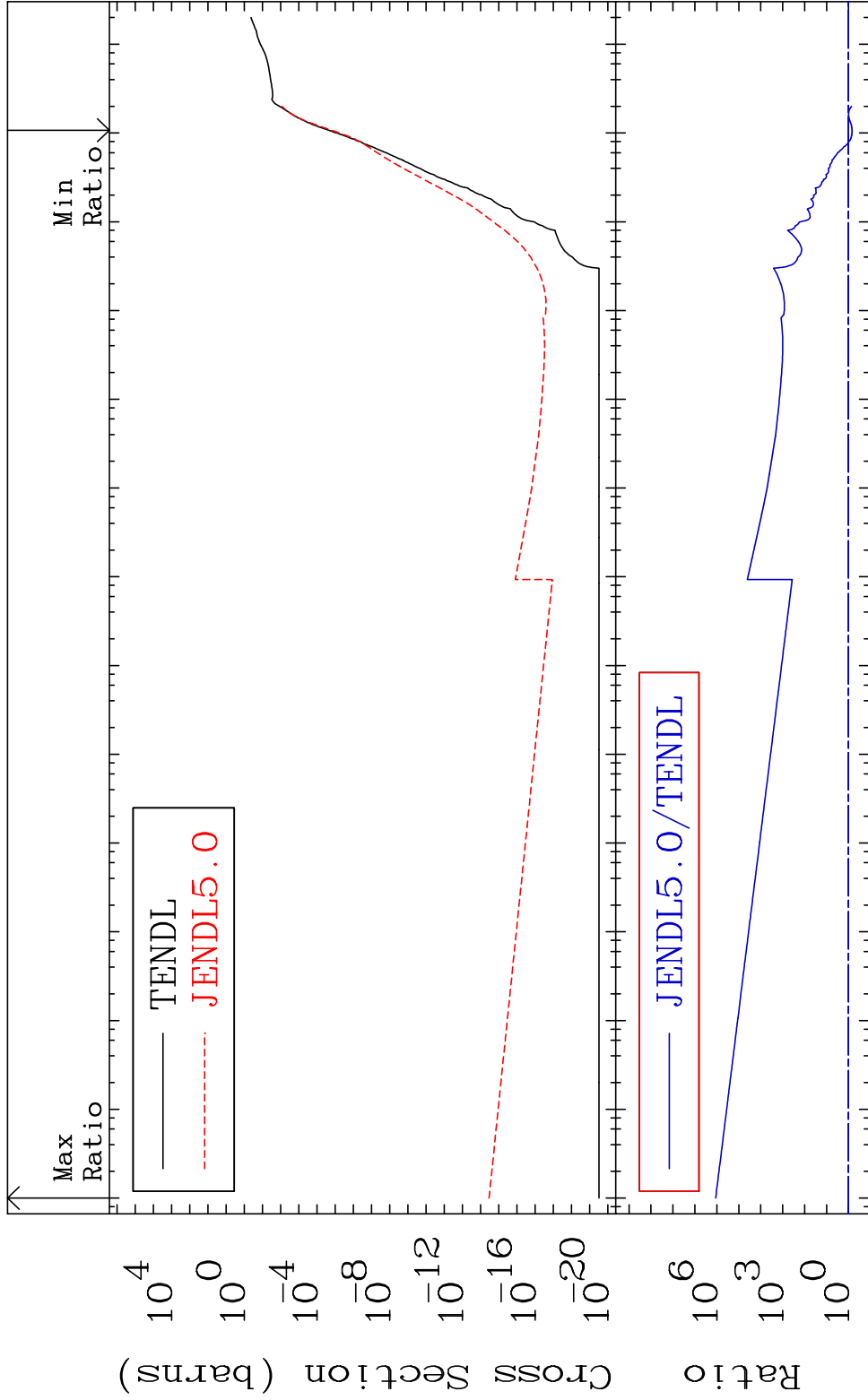
MAT 6255 Tritium Production 62-Sm-154
Cross Section -100.0 To 9999. %



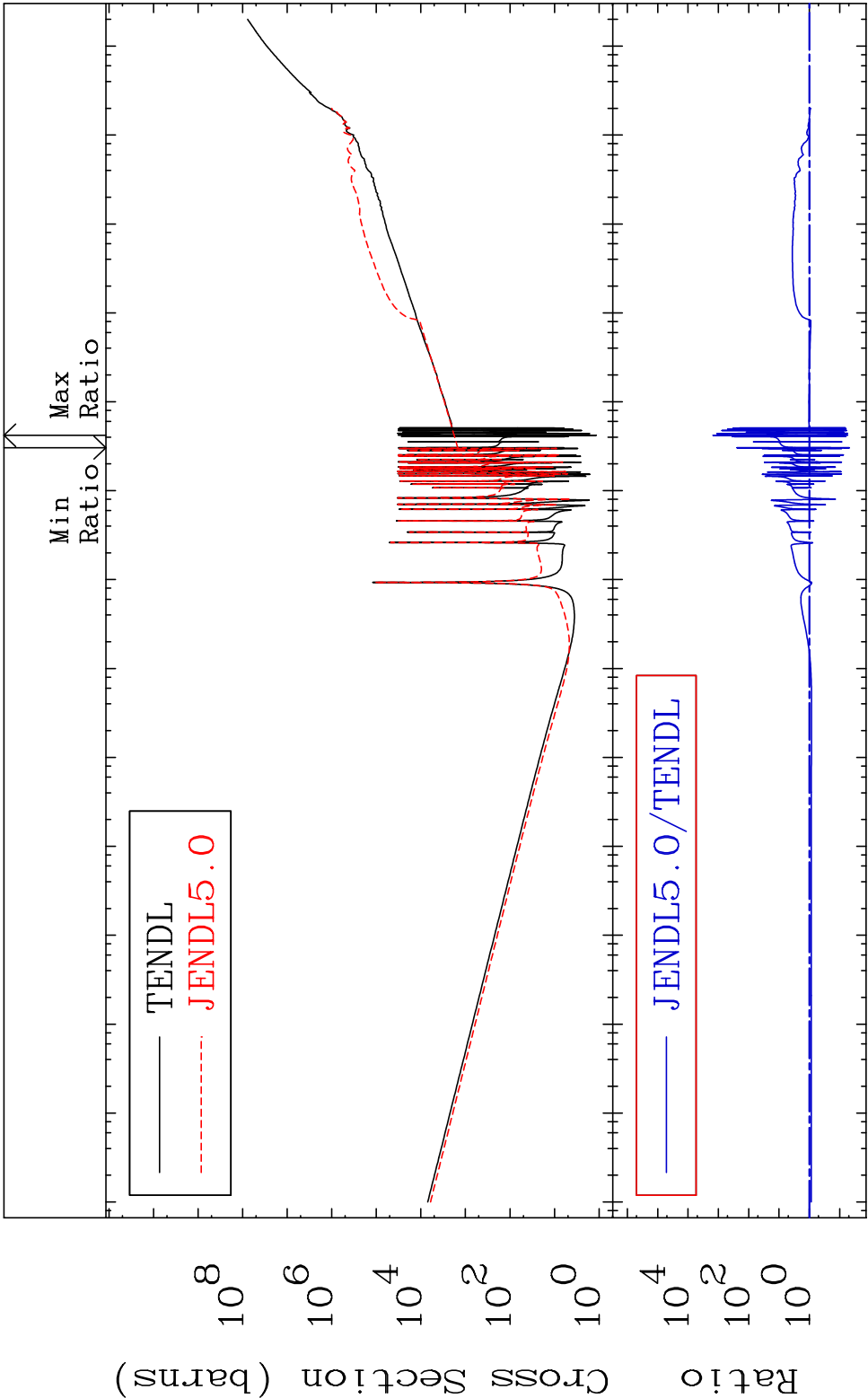
48 Incident Energy (eV) 62-Sm-154

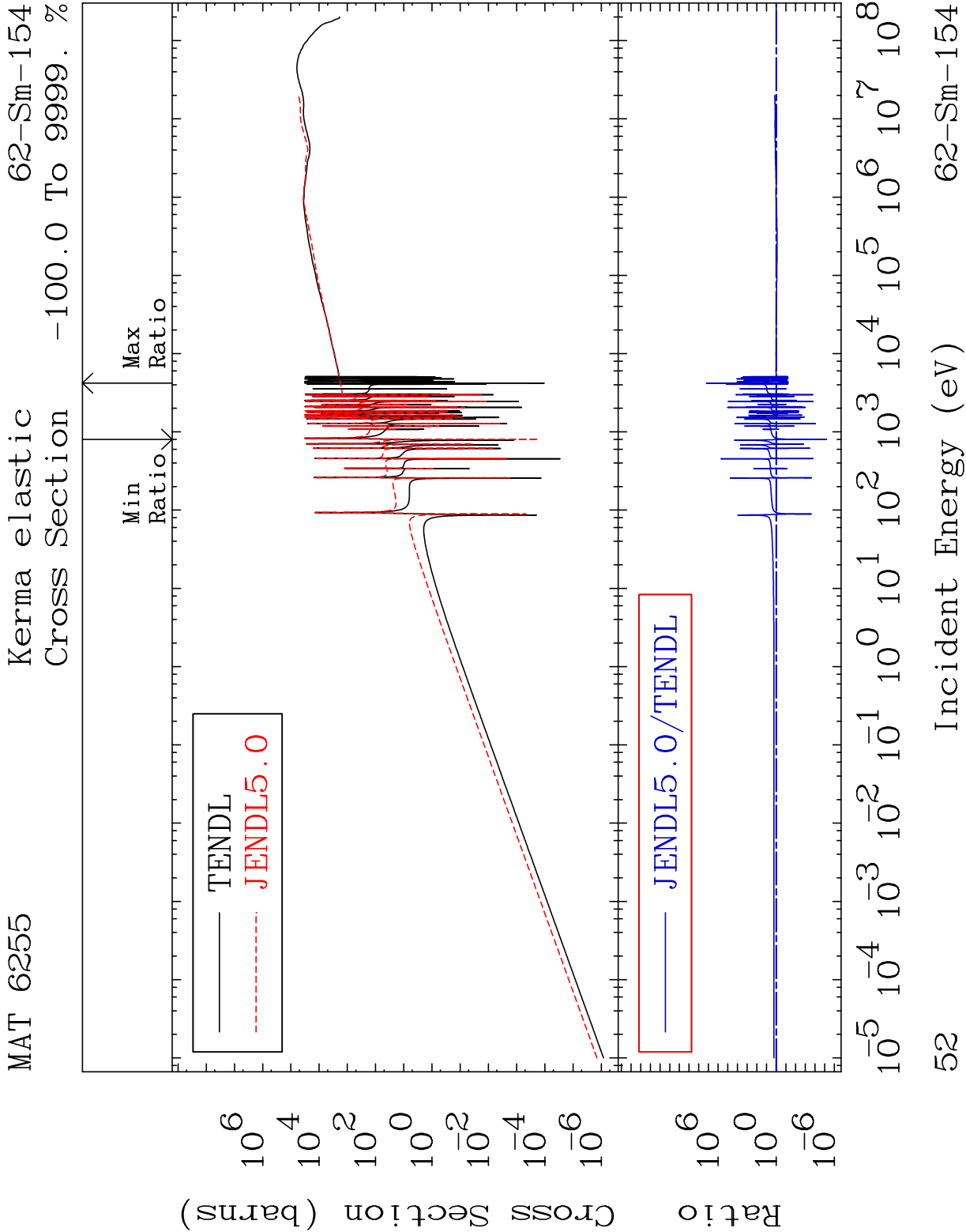


MAT 6255 He-4 Production 62-Sm-154
Cross Section -31.85 To 9999. %

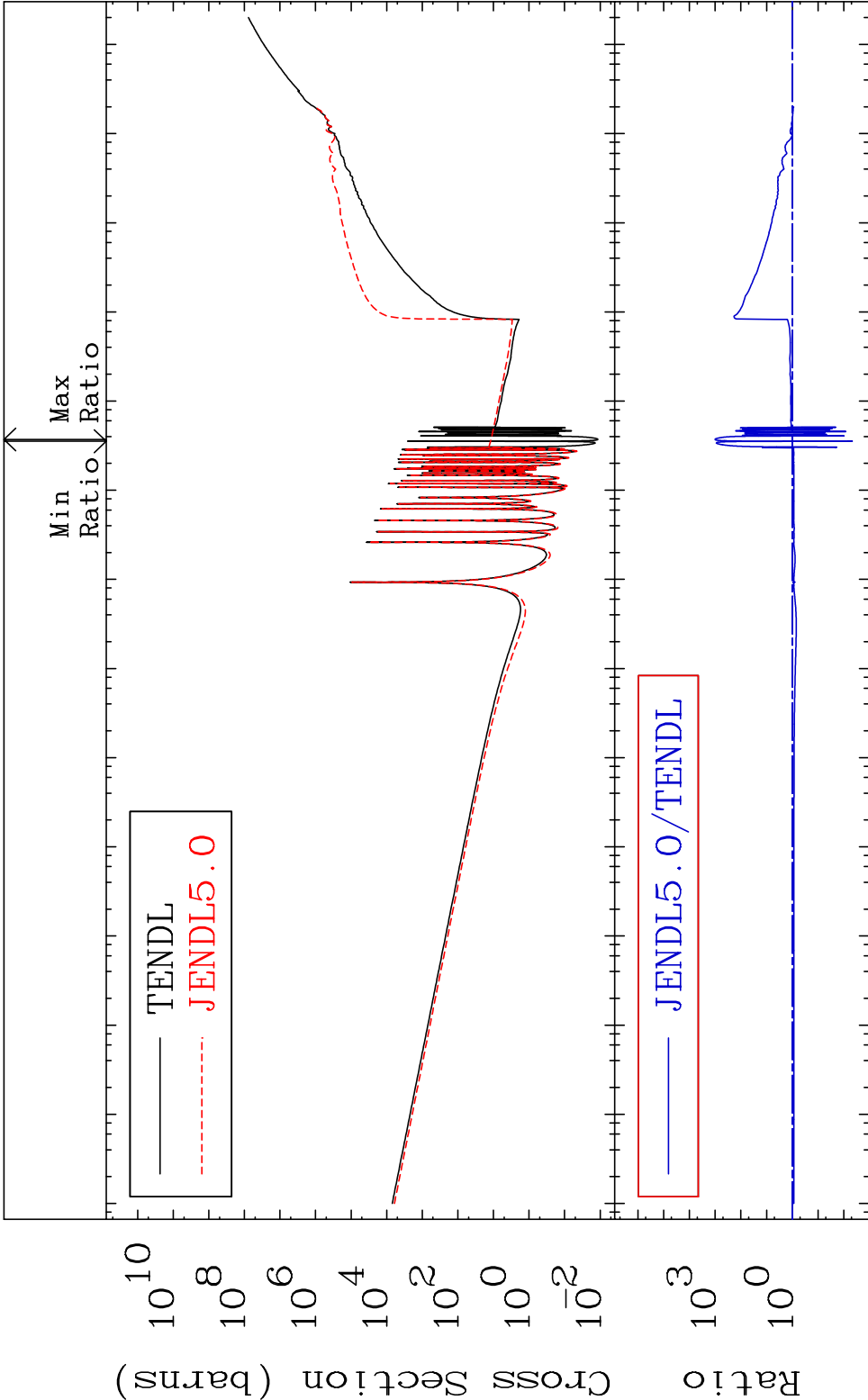


50 Incident Energy (eV) 62-Sm-154

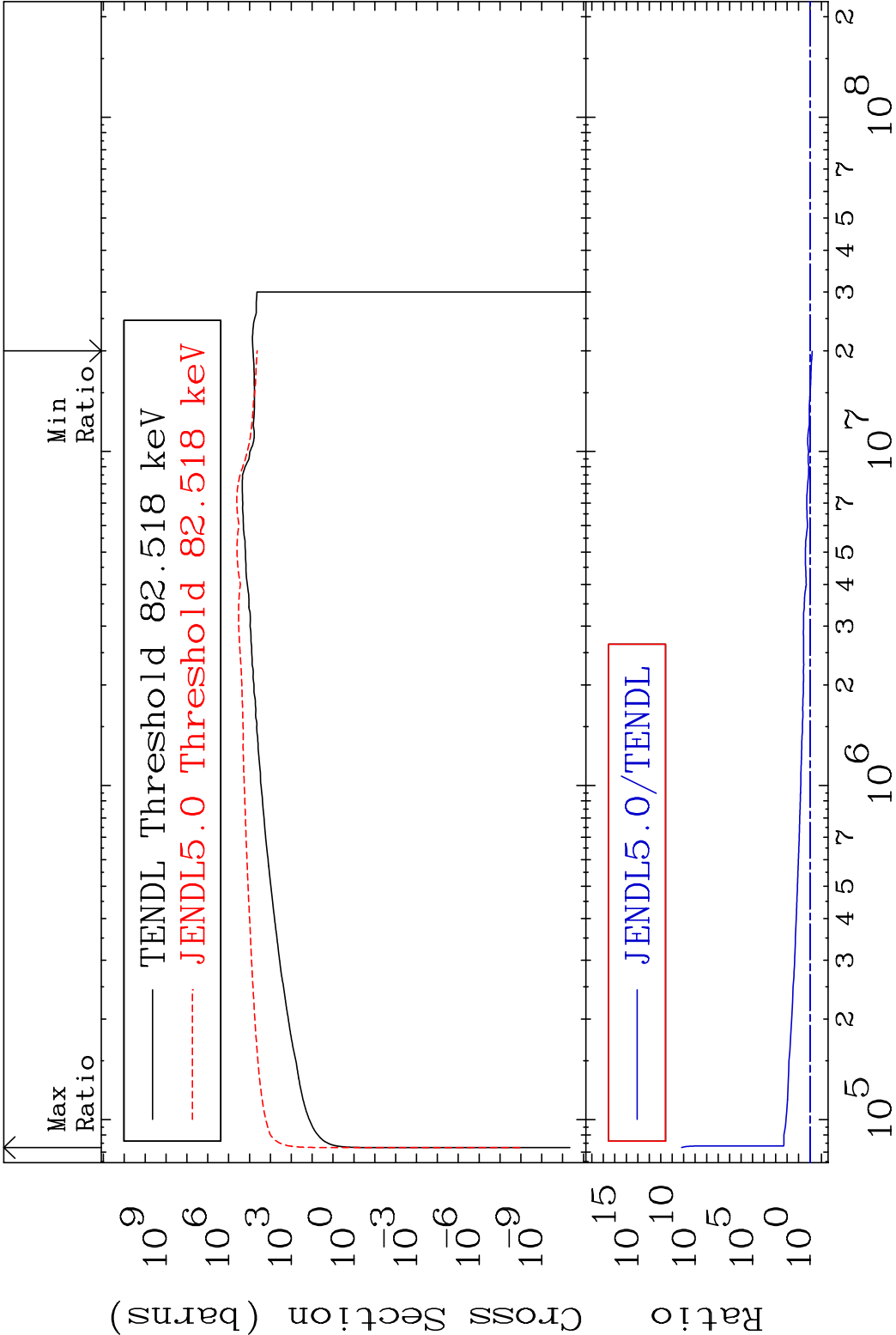




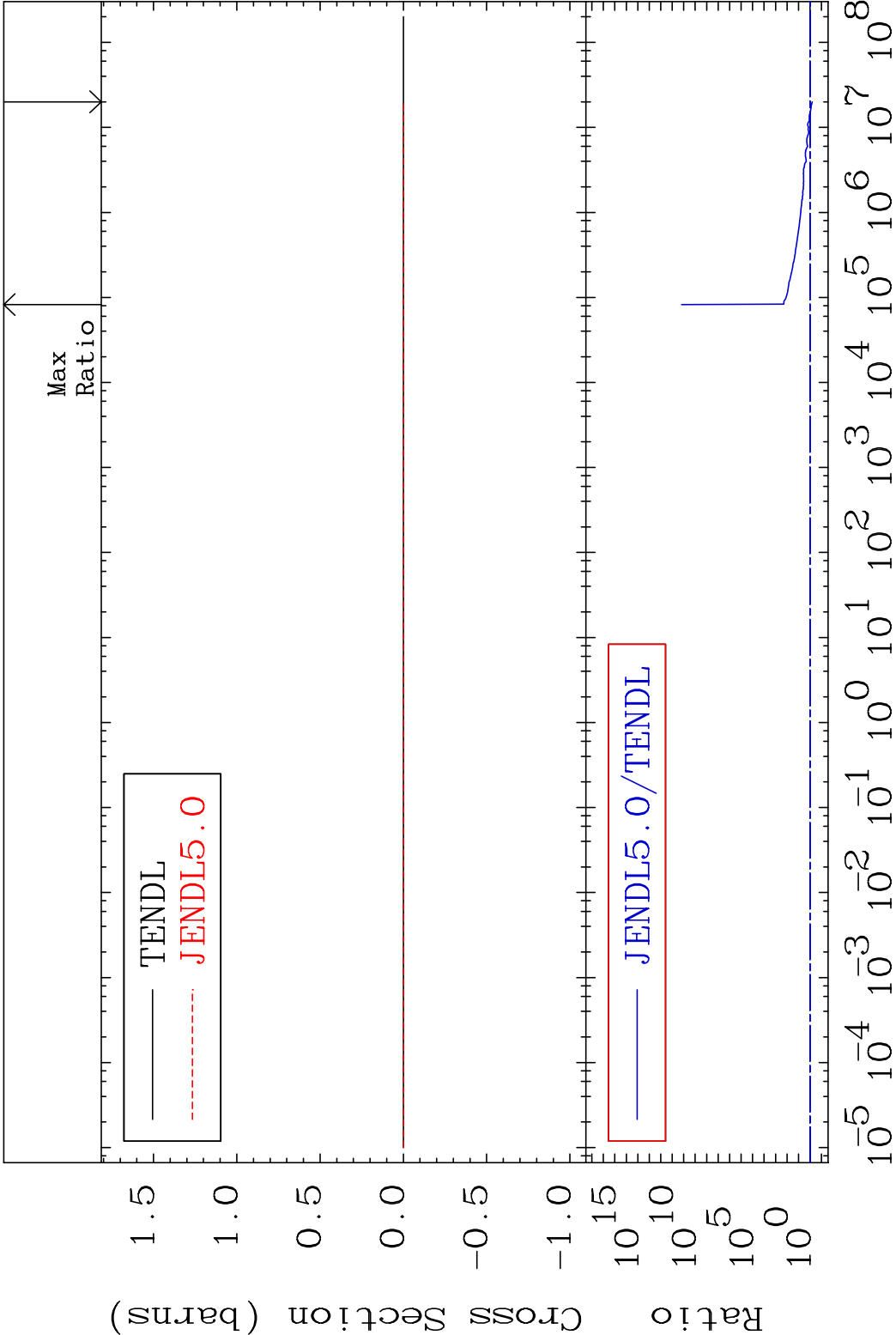
MAT 6255 Kerma non-elastic (all but mt2) 62-Sm-154
Cross Section -99.53 To 9999. %

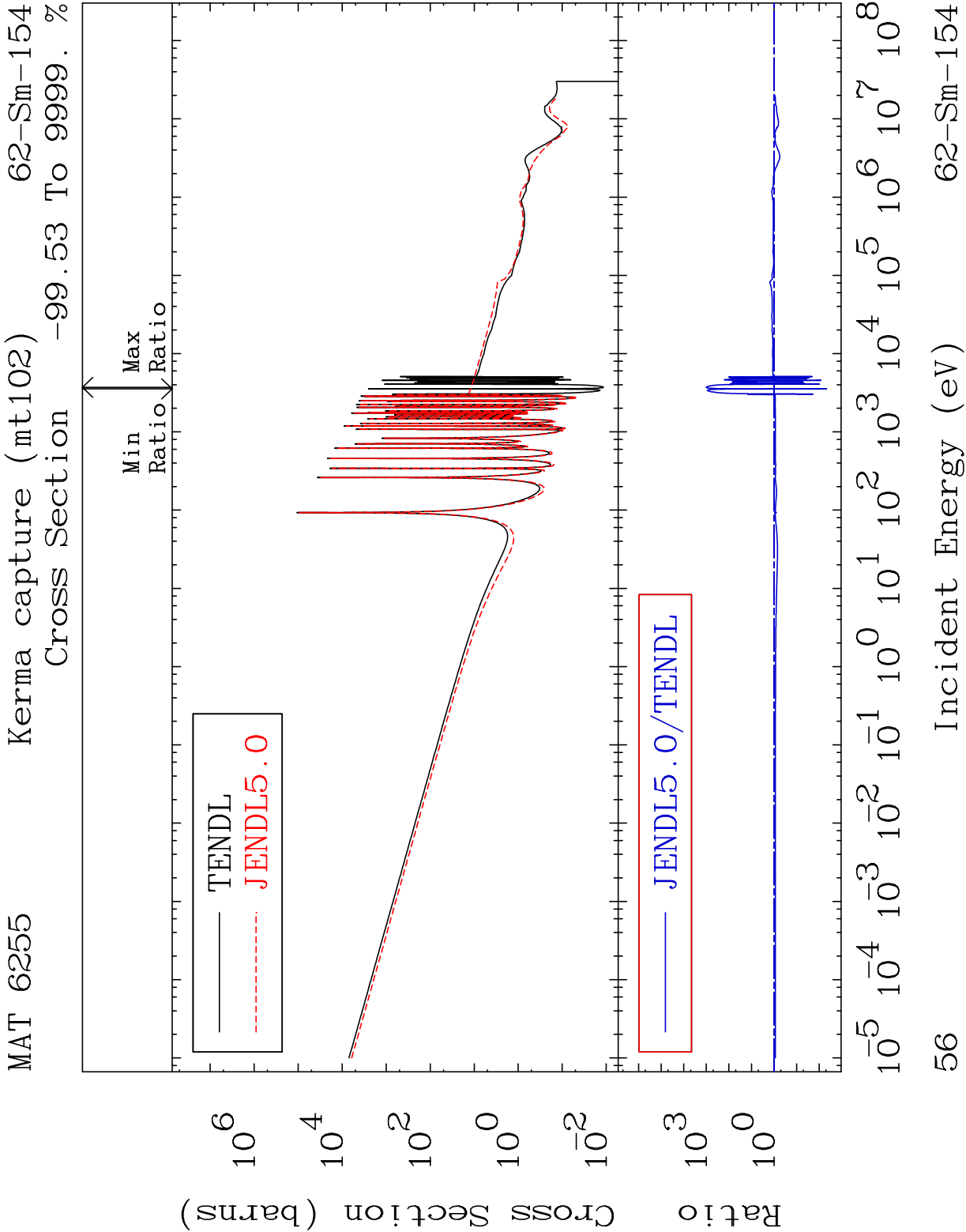


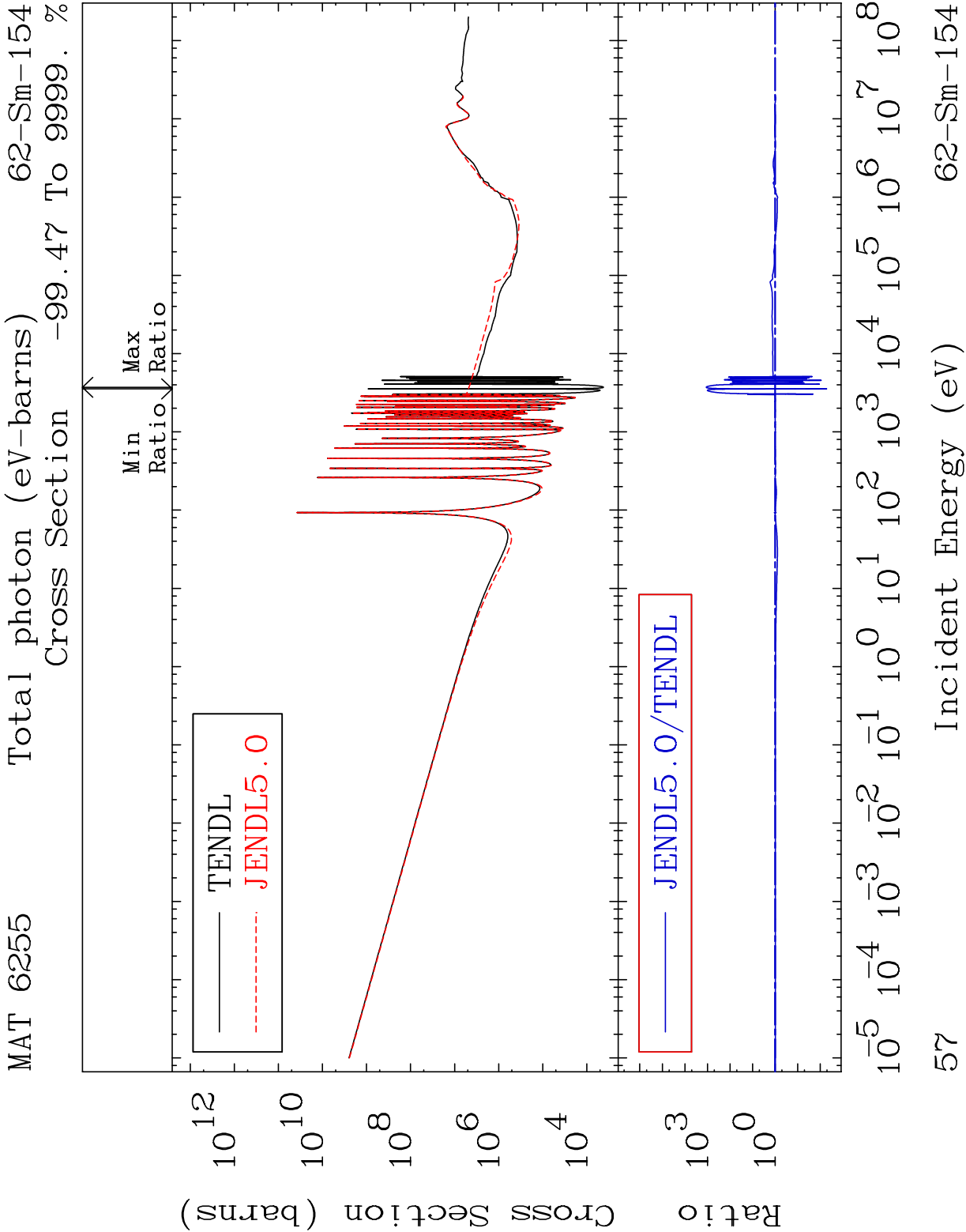
Incident Energy (eV) 62-Sm-154



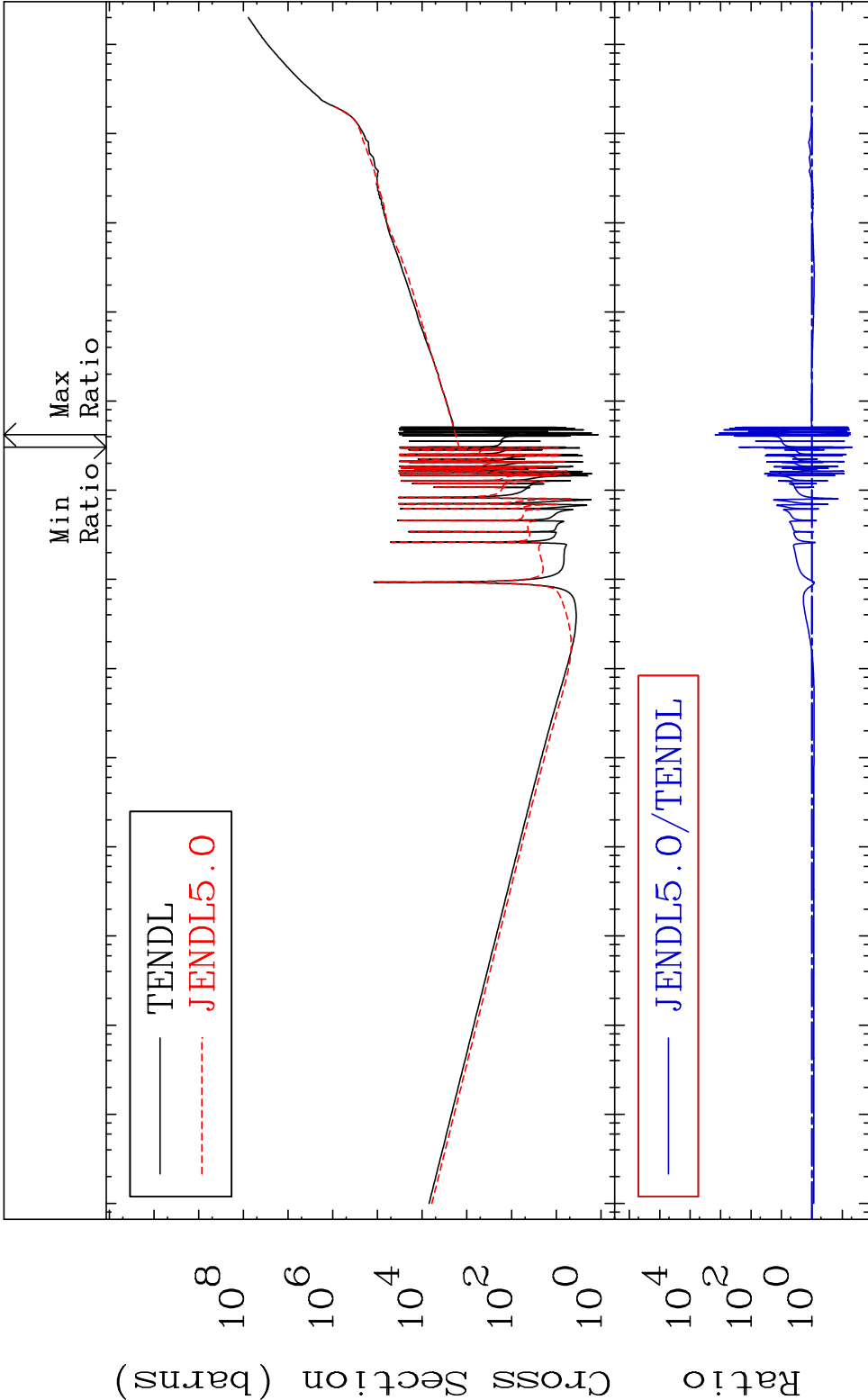
MAT 6255 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-154
Cross Section -36.31 To 9999. %







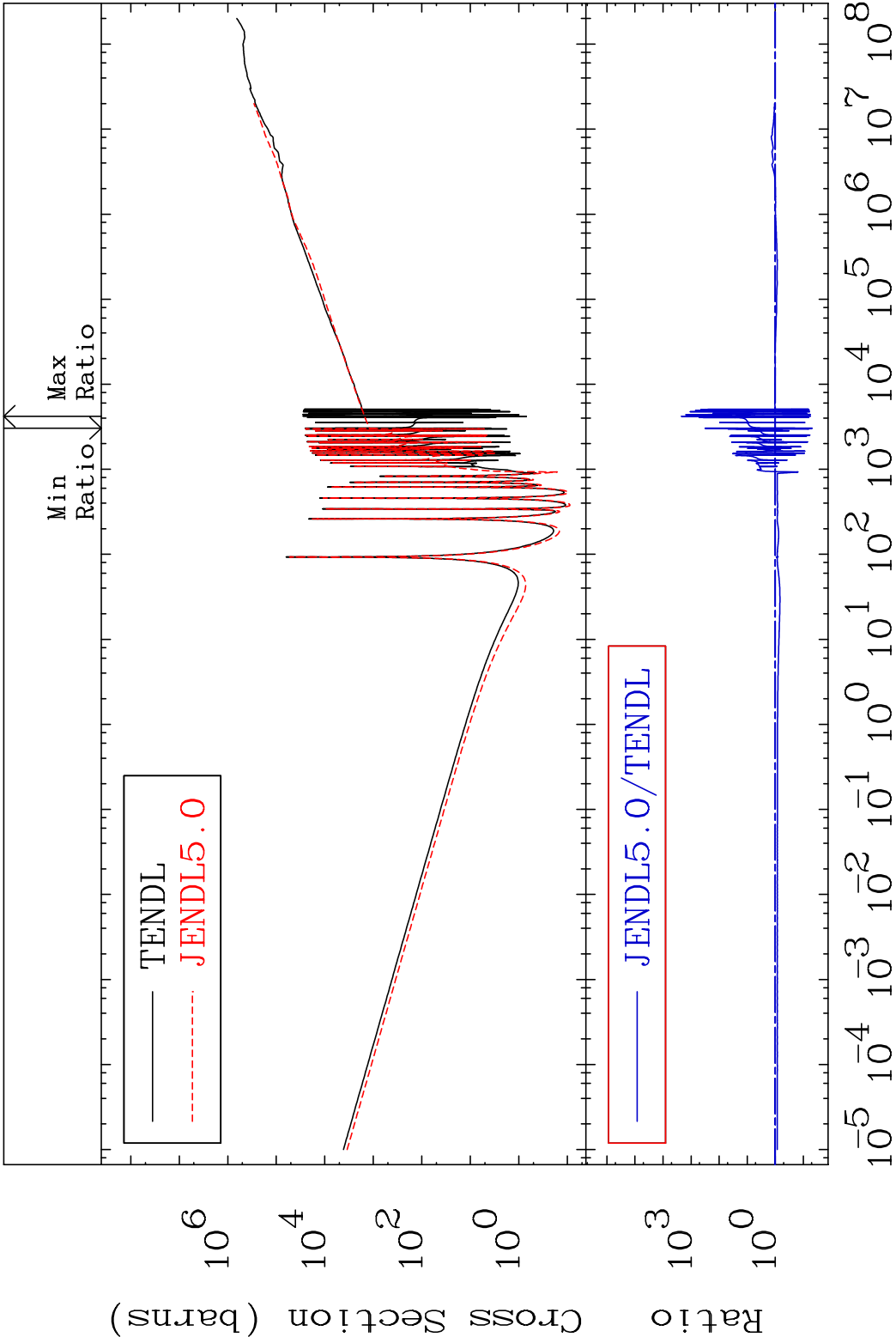
MAT 6255 Total kinematic kerma (high limit) 62-Sm-154
Cross Section -95.25 To 9999. %



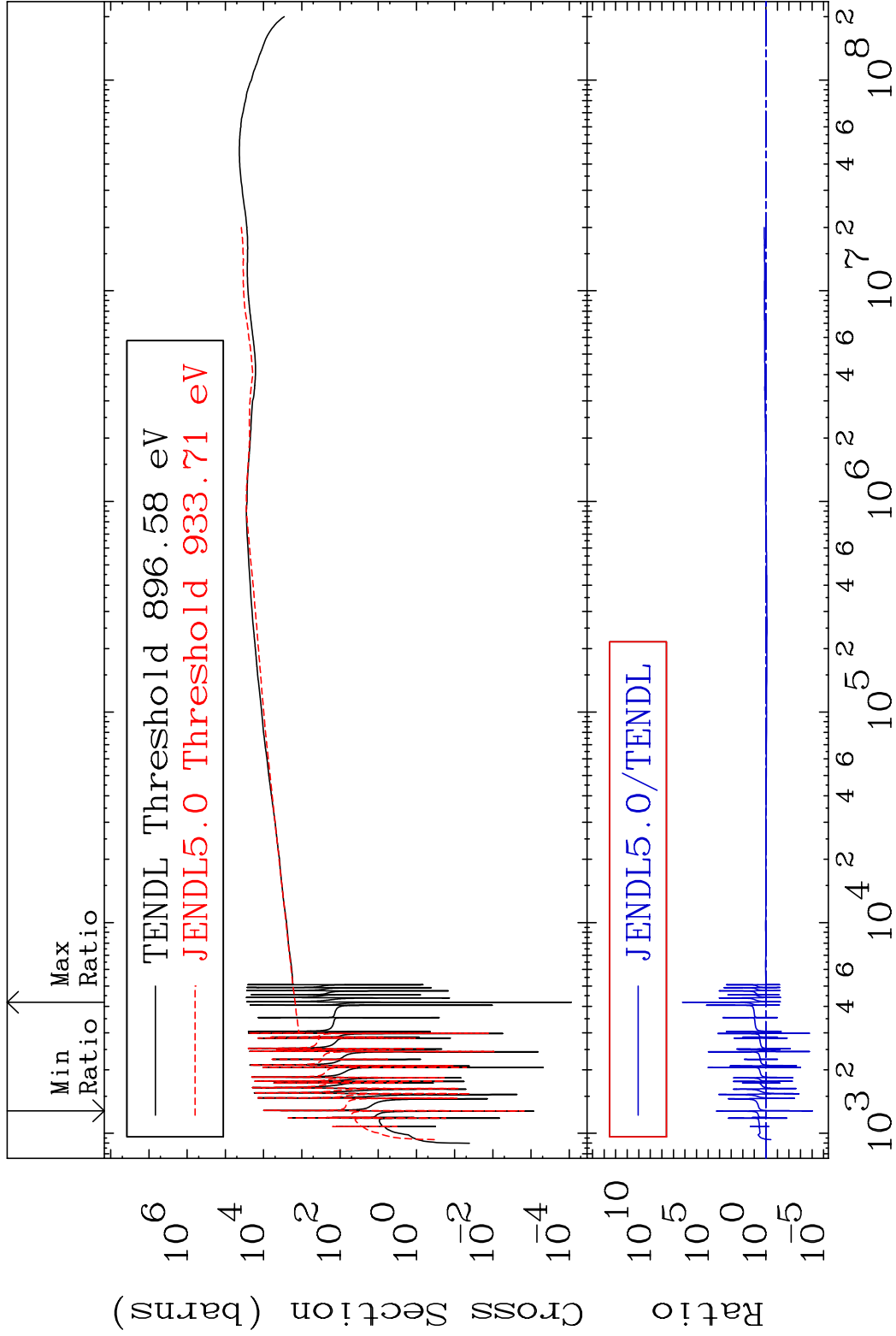
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

58 Incident Energy (eV) 62-Sm-154

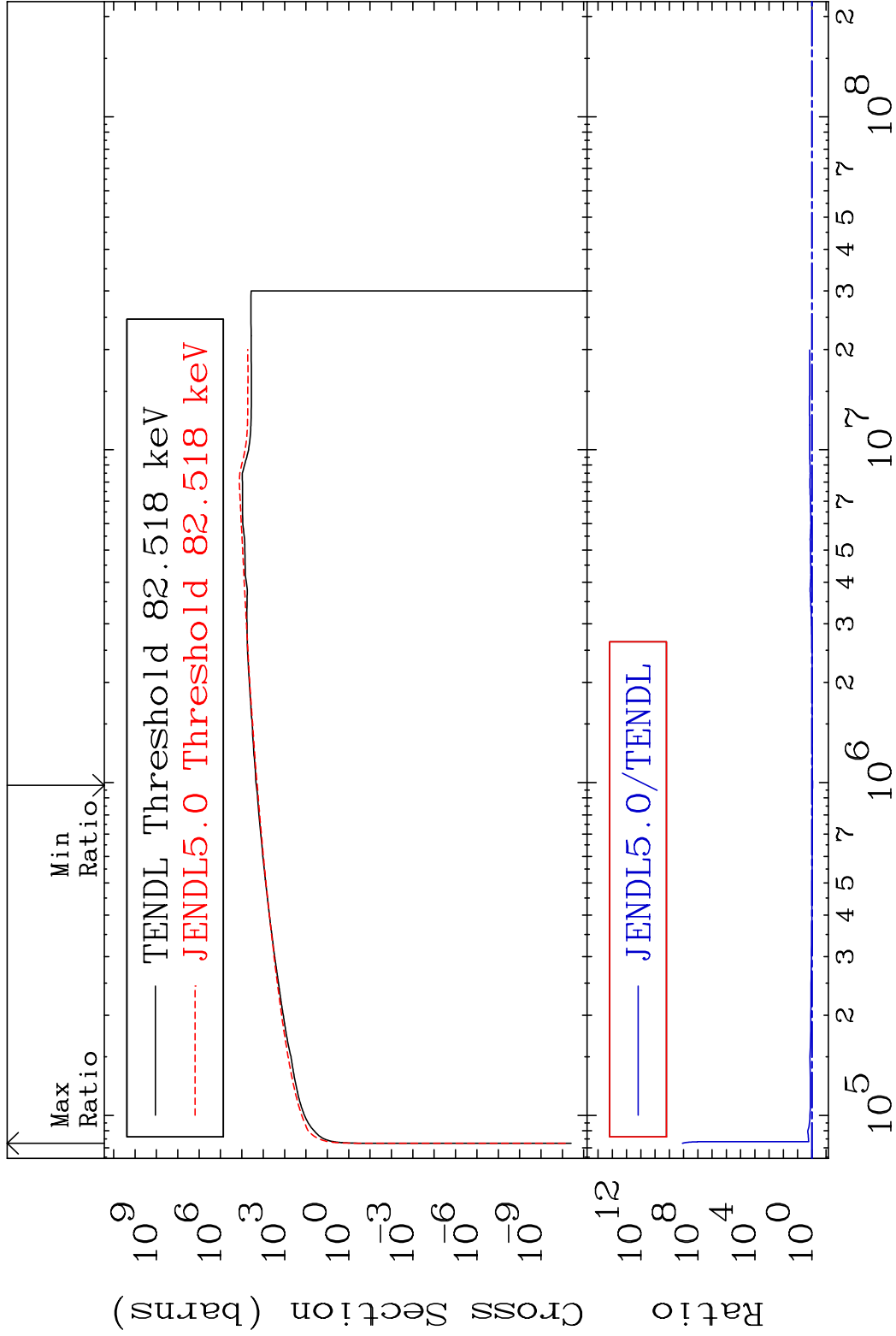
MAT 6255	Dpa total (eV-barns)	62-Sm-154
	Cross Section	-95.22 To 9999. %



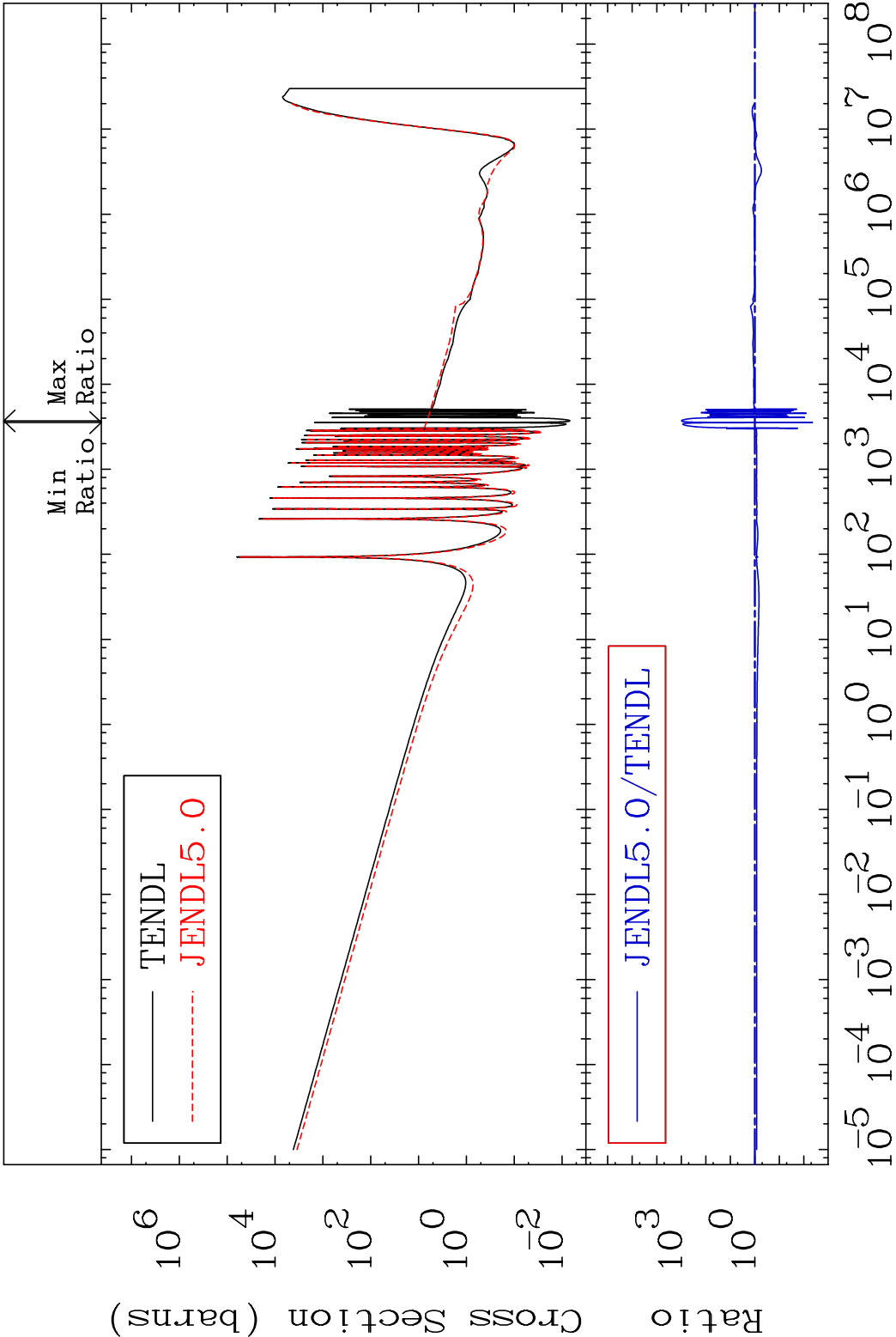
MAT 6255 Dpa elastic (mt2) 62-Sm-154
Cross Section -99.99 To 9999. %



60 Incident Energy (eV) 62-Sm-154



MAT 6255 Dpa disappearance (mt102 -120) 62-Sm-154
Cross Section -99.55 To 9999. %



62 Incident Energy (eV) 62-Sm-154