

Program Complot
(Version 2021-1)

by

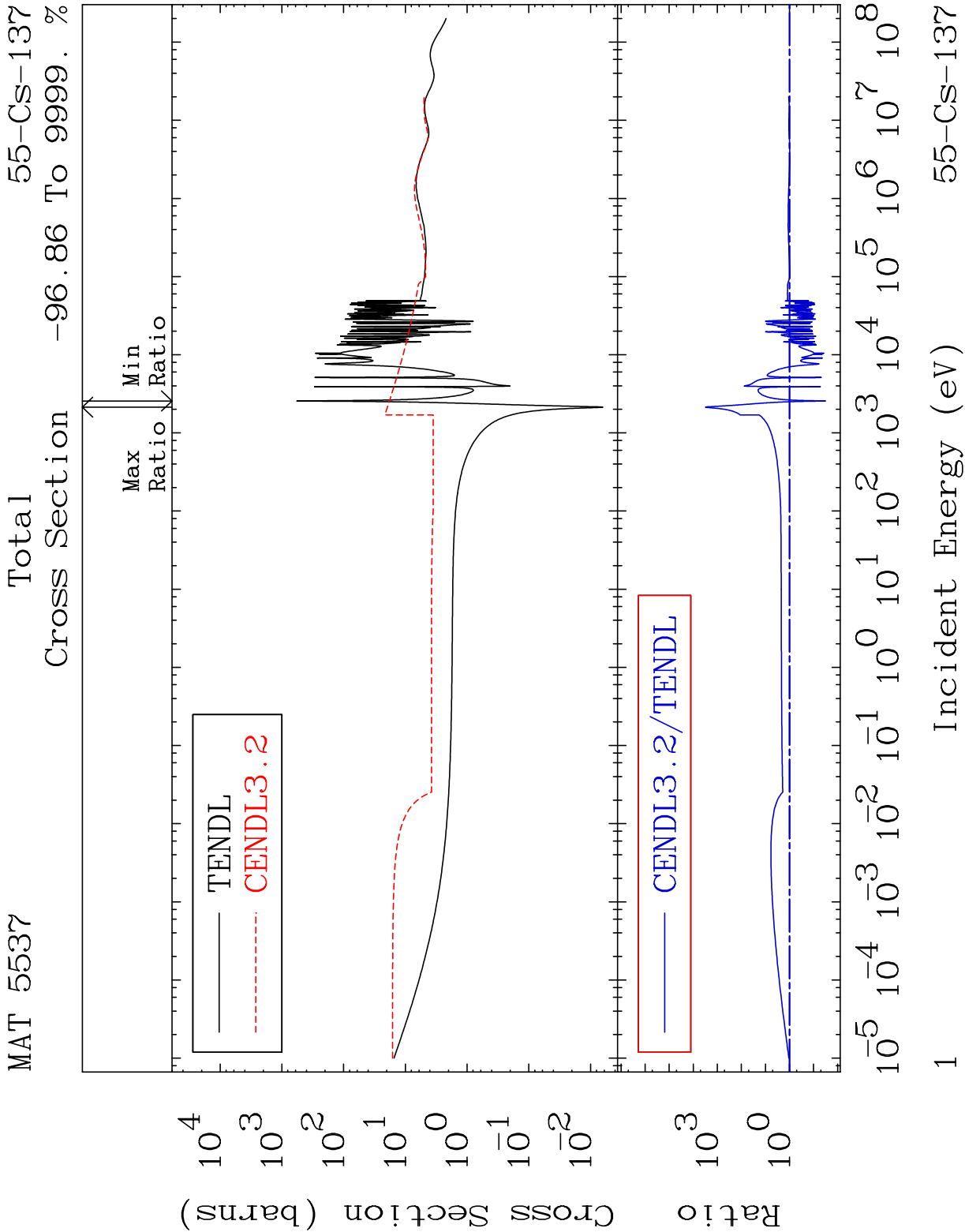
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Press Mouse Button to Start

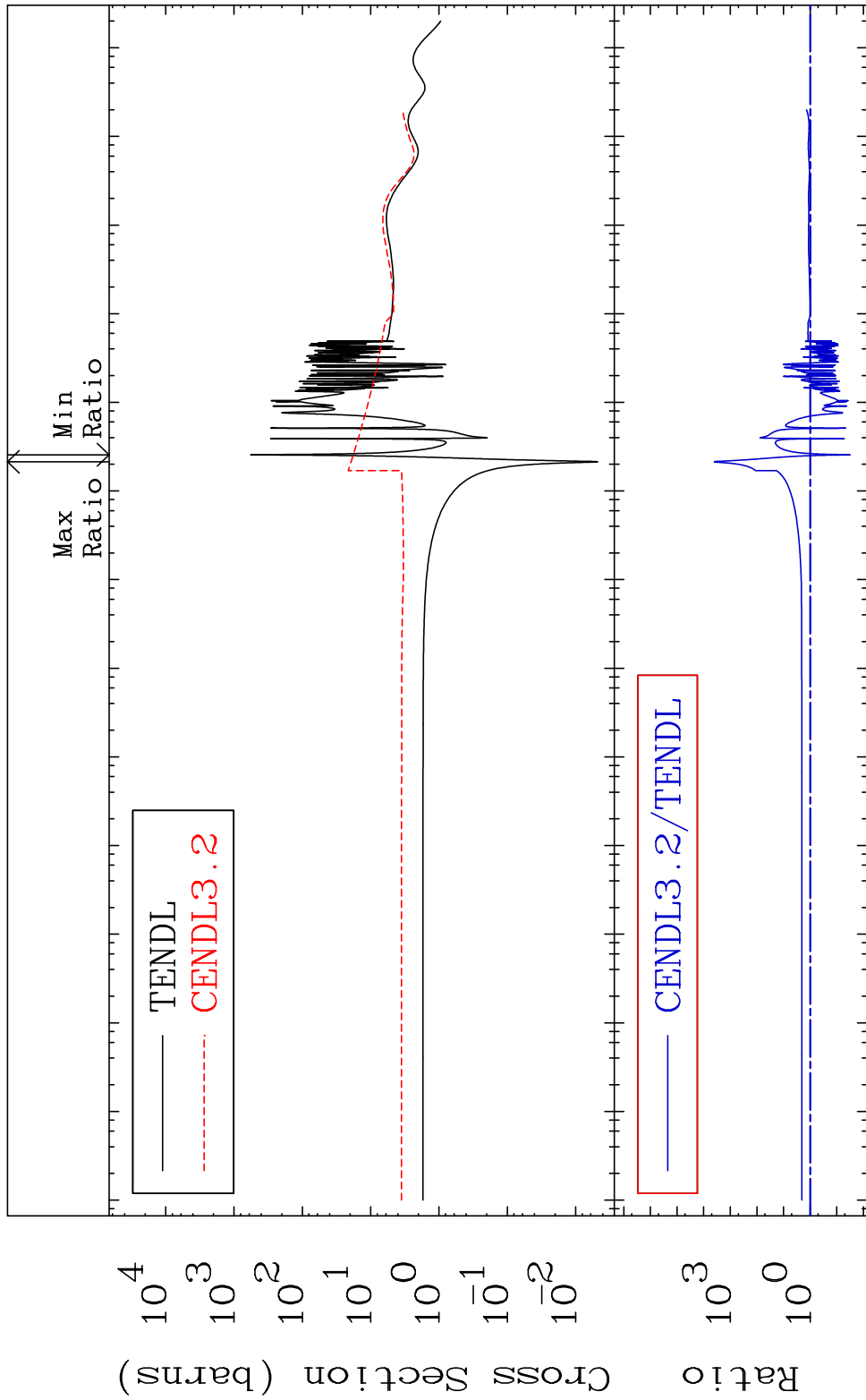


MAT 5537

Elastic

55-Cs-137

Cross Section -96.88 To 9999. %

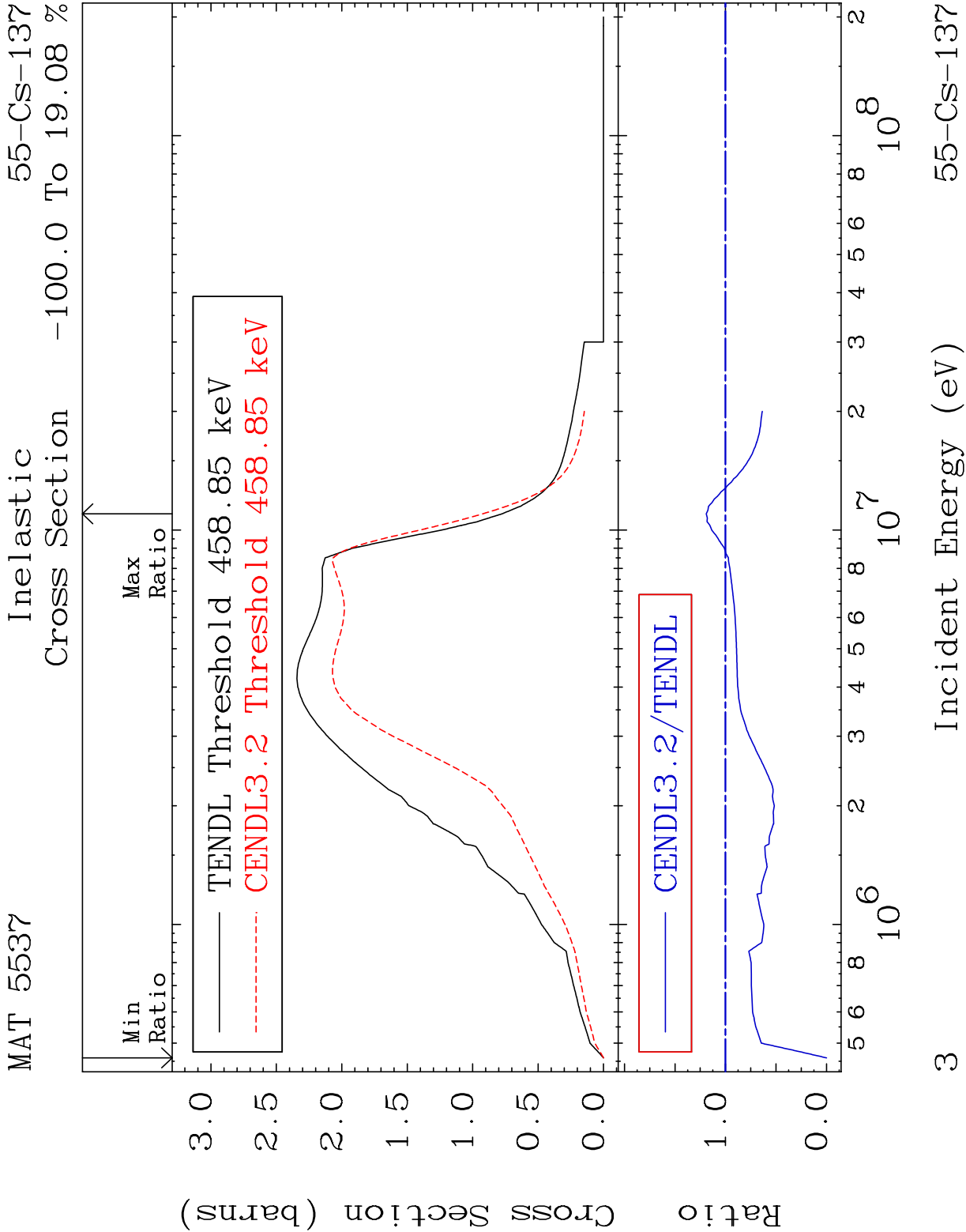


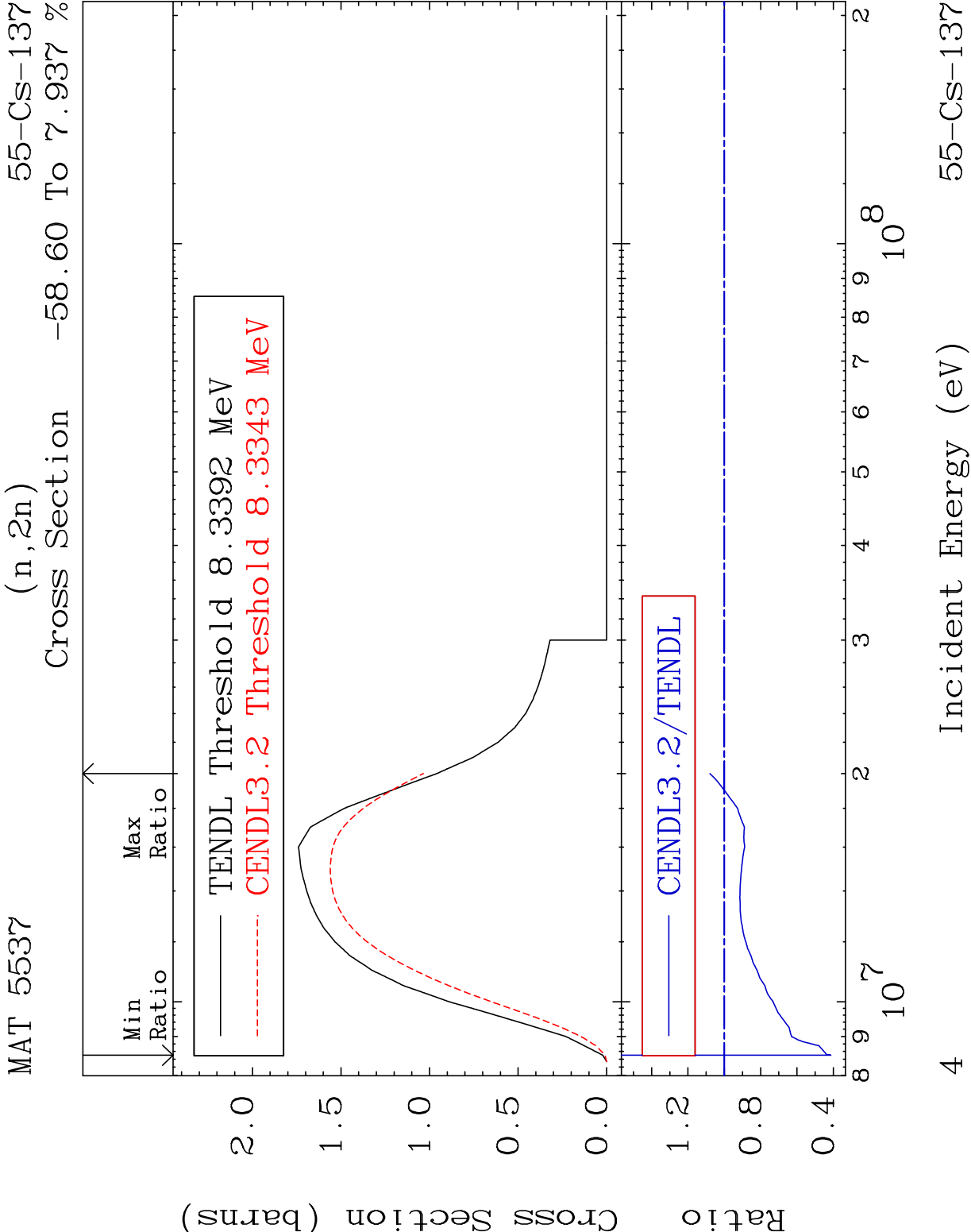
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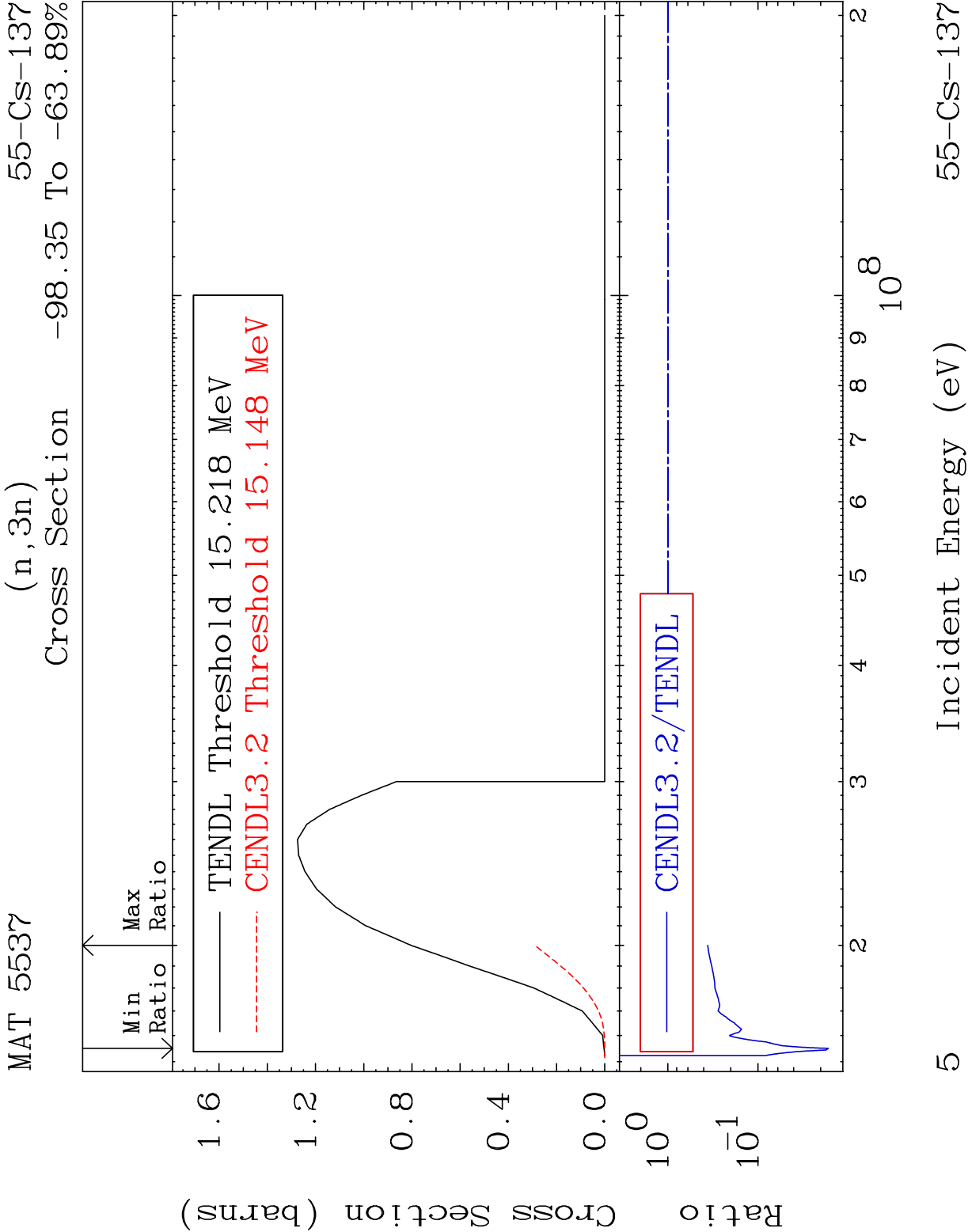
2

Incident Energy (eV)

55-Cs-137







5

2

3

4

5

6

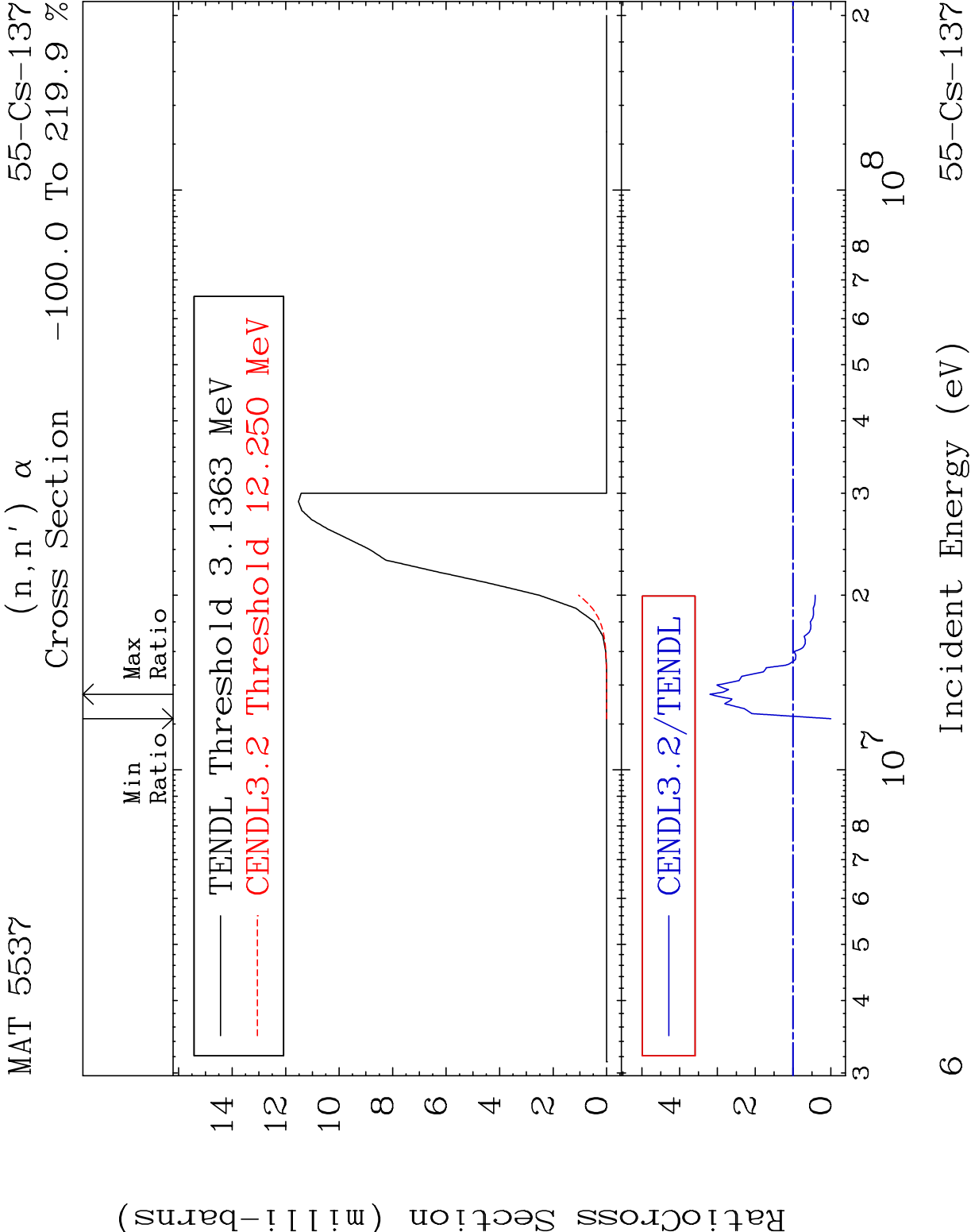
7

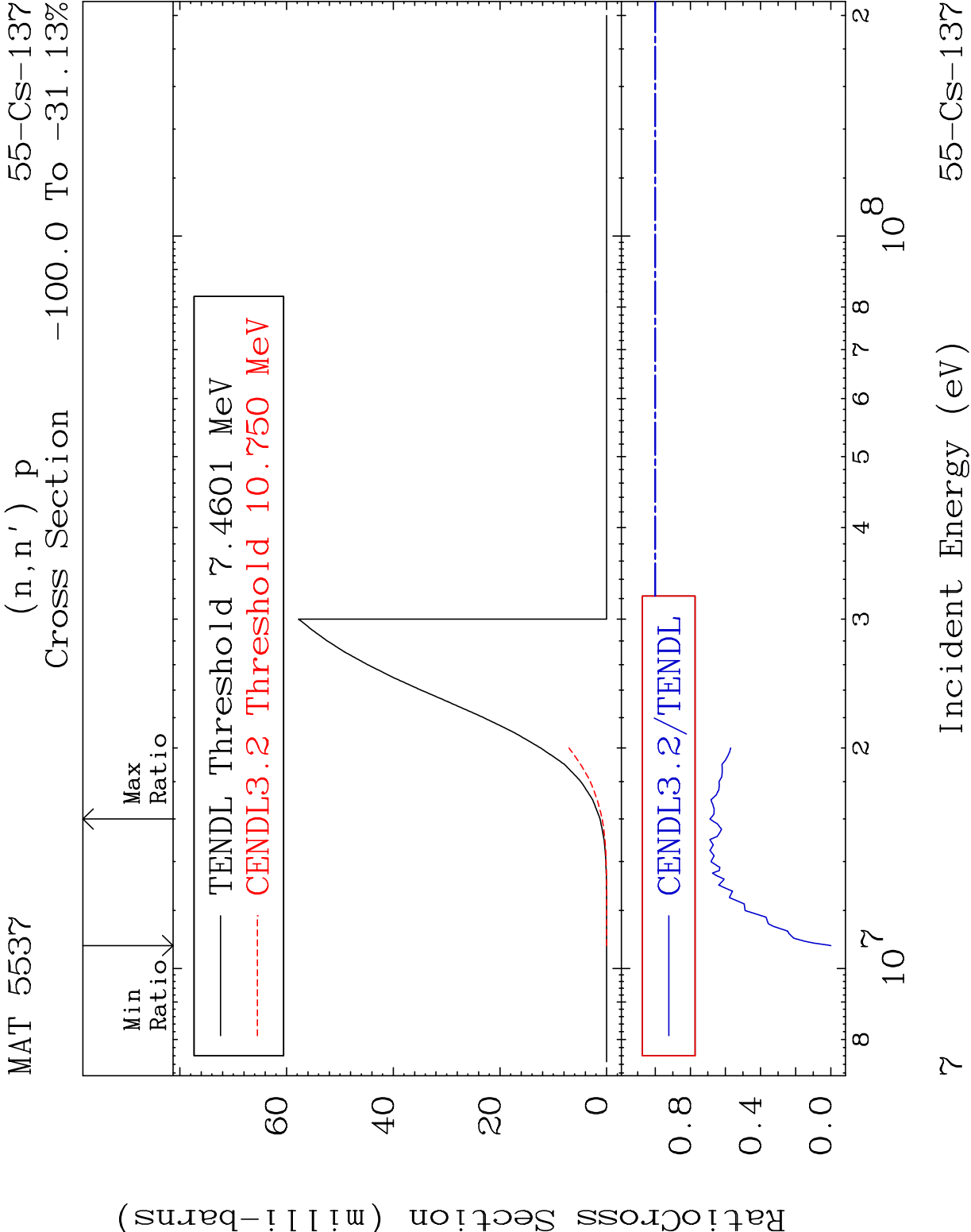
8

9

10⁸

2





7

10⁷

2

3

4

5

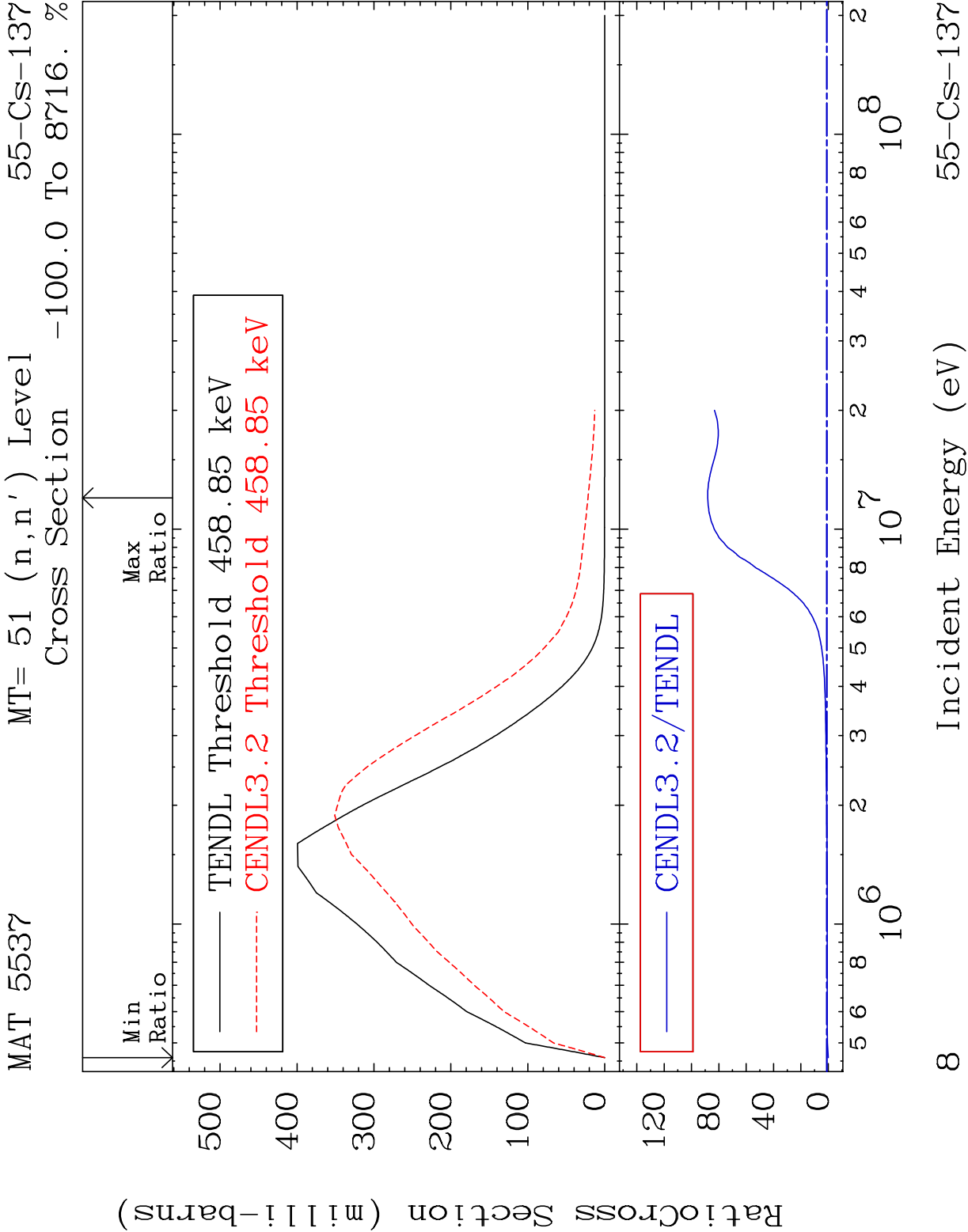
6

7

8

10⁸

55-Cs-137



55-Cs-137

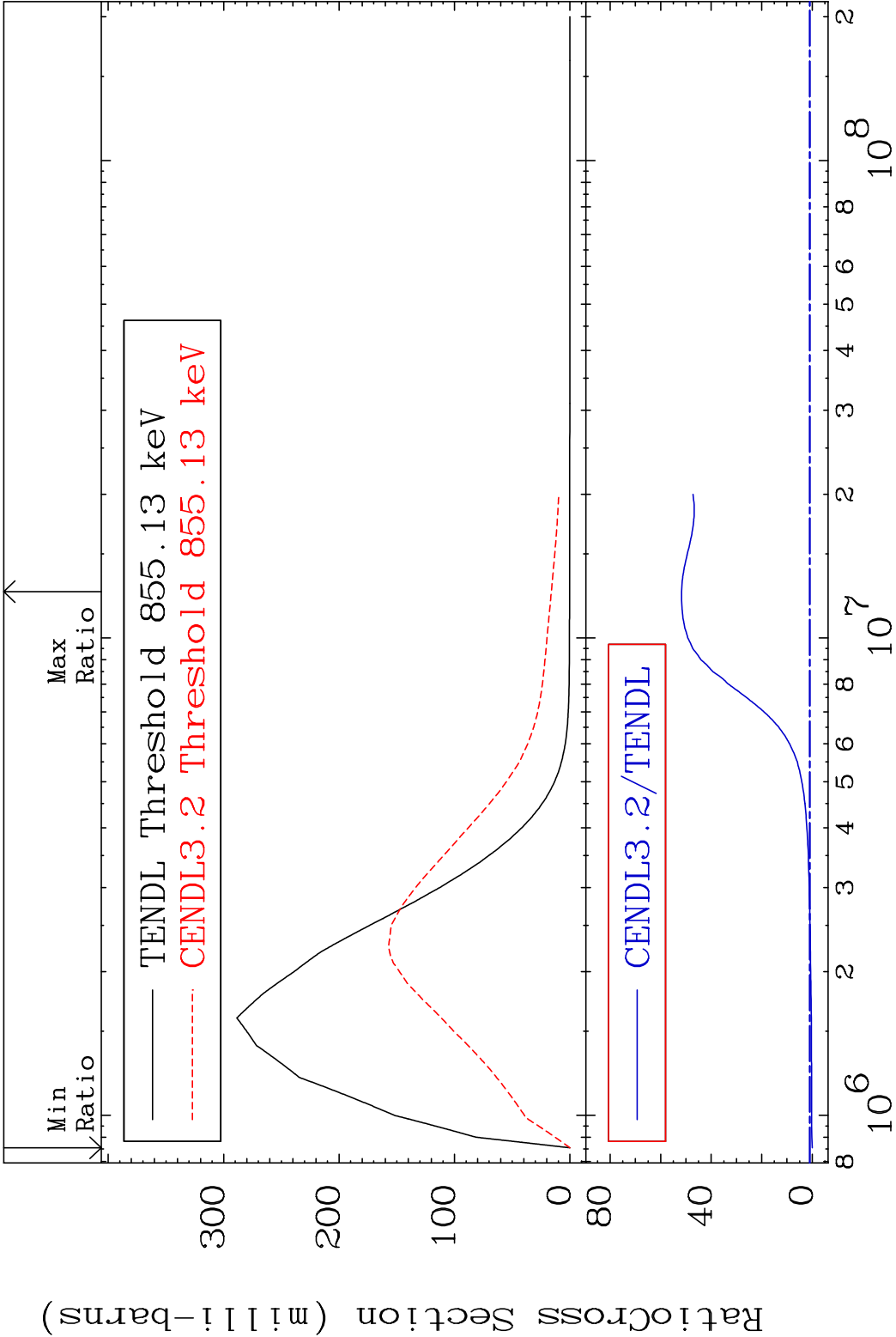
MAT 5537

MT= 52 (n,n') Level

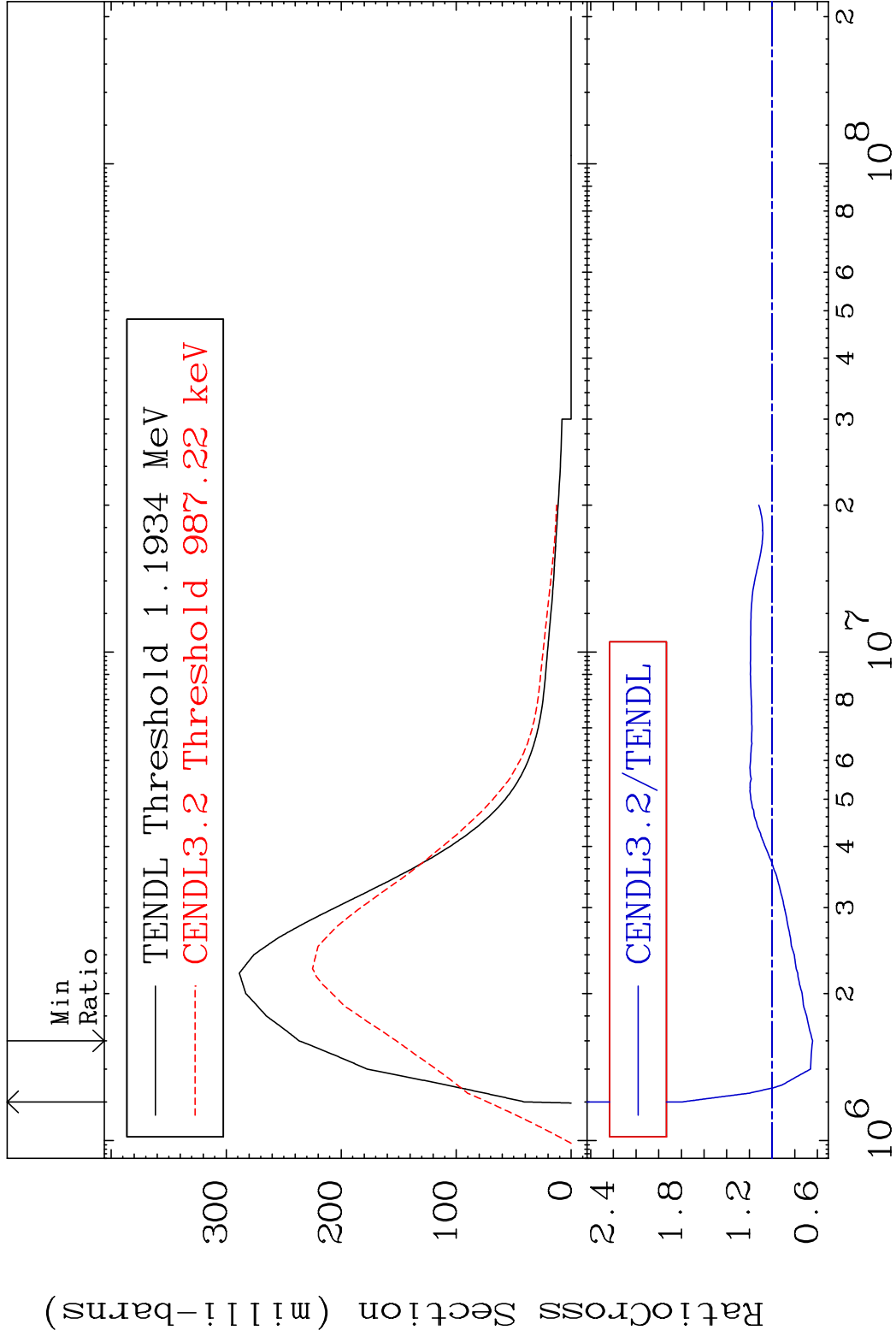
55-Cs-137

Cross Section

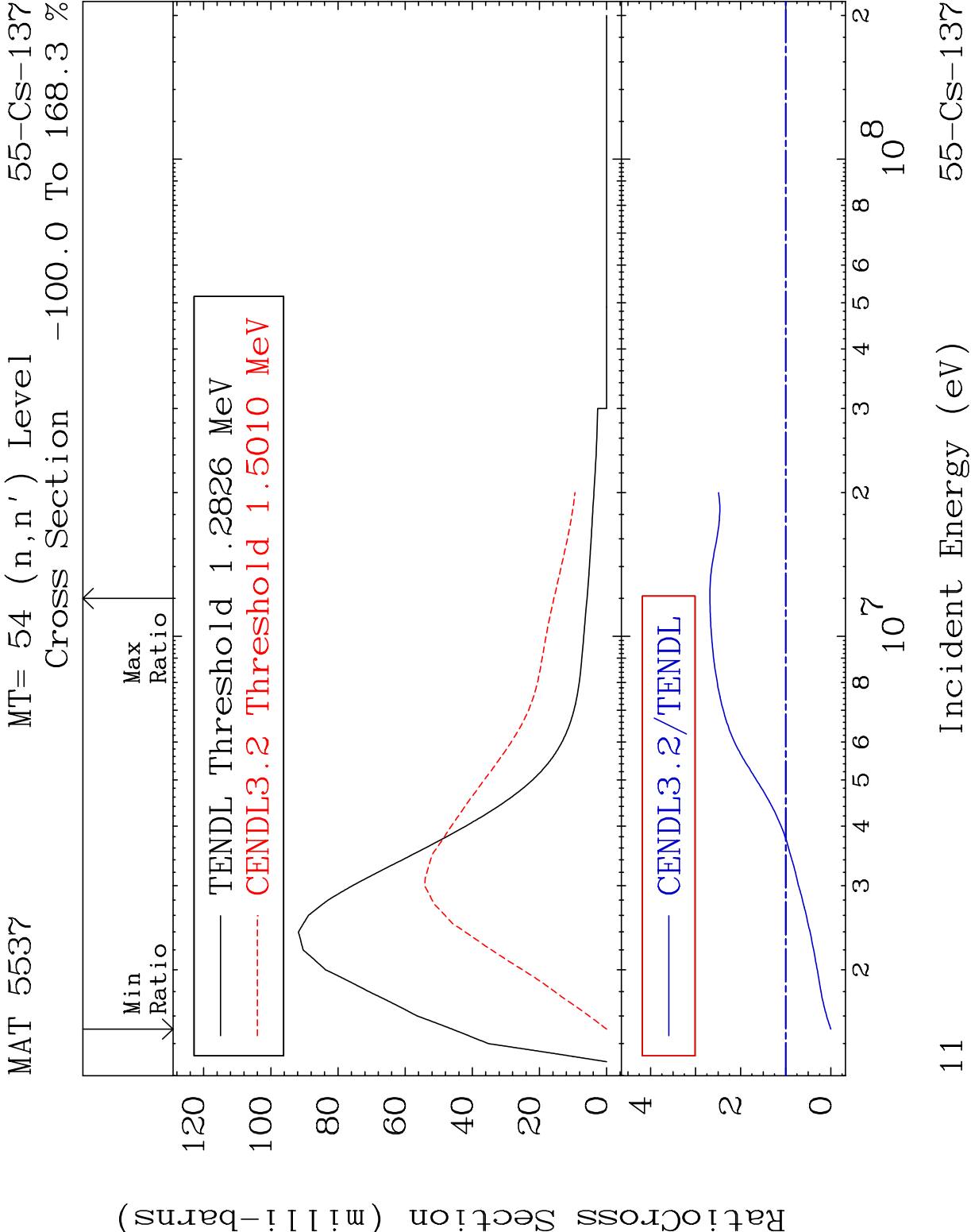
-100.0 To 5075. %



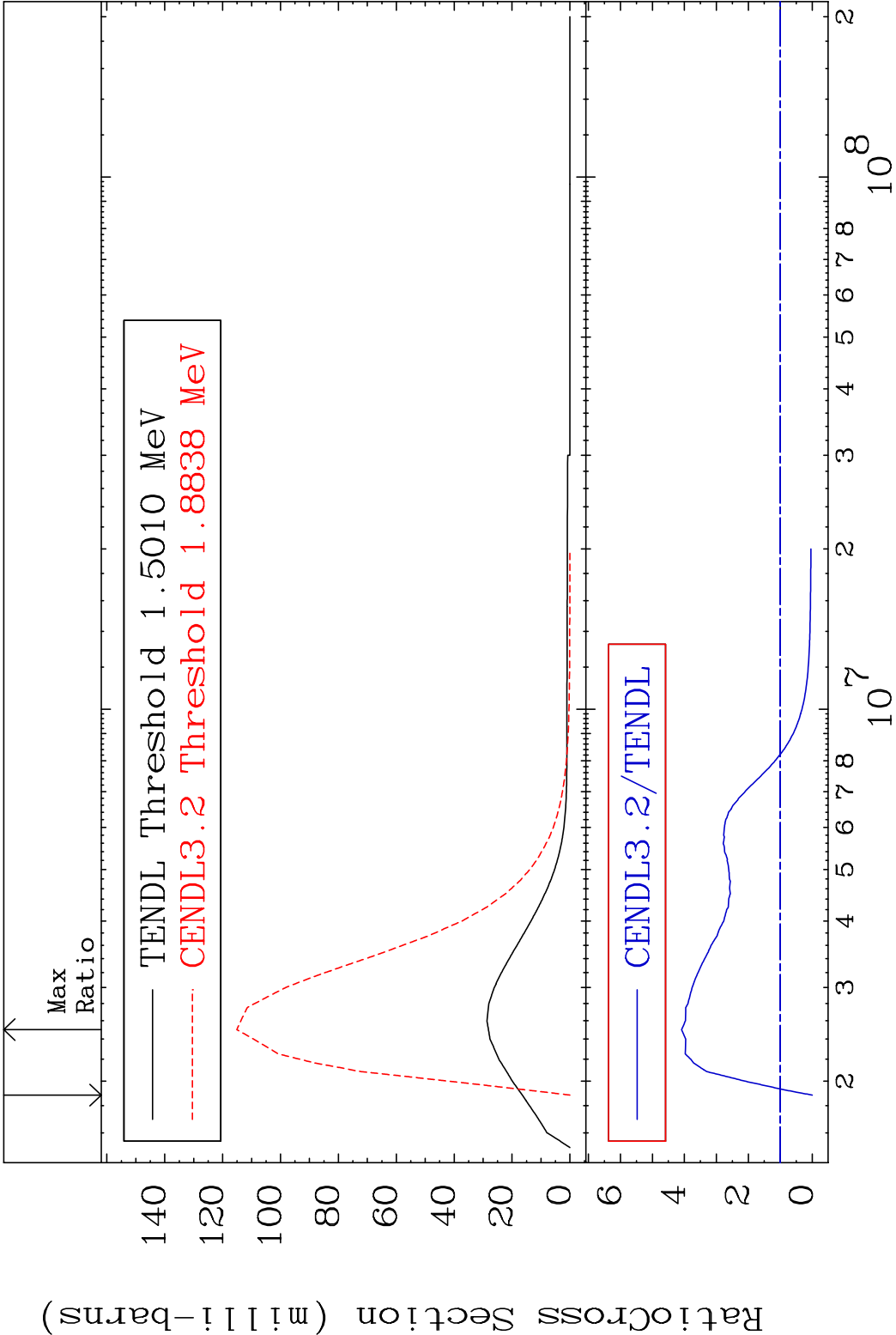
MAT 5537 MT= 53 (n,n') Level 55-Cs-137
Cross Section -35.71 To 79.13 %

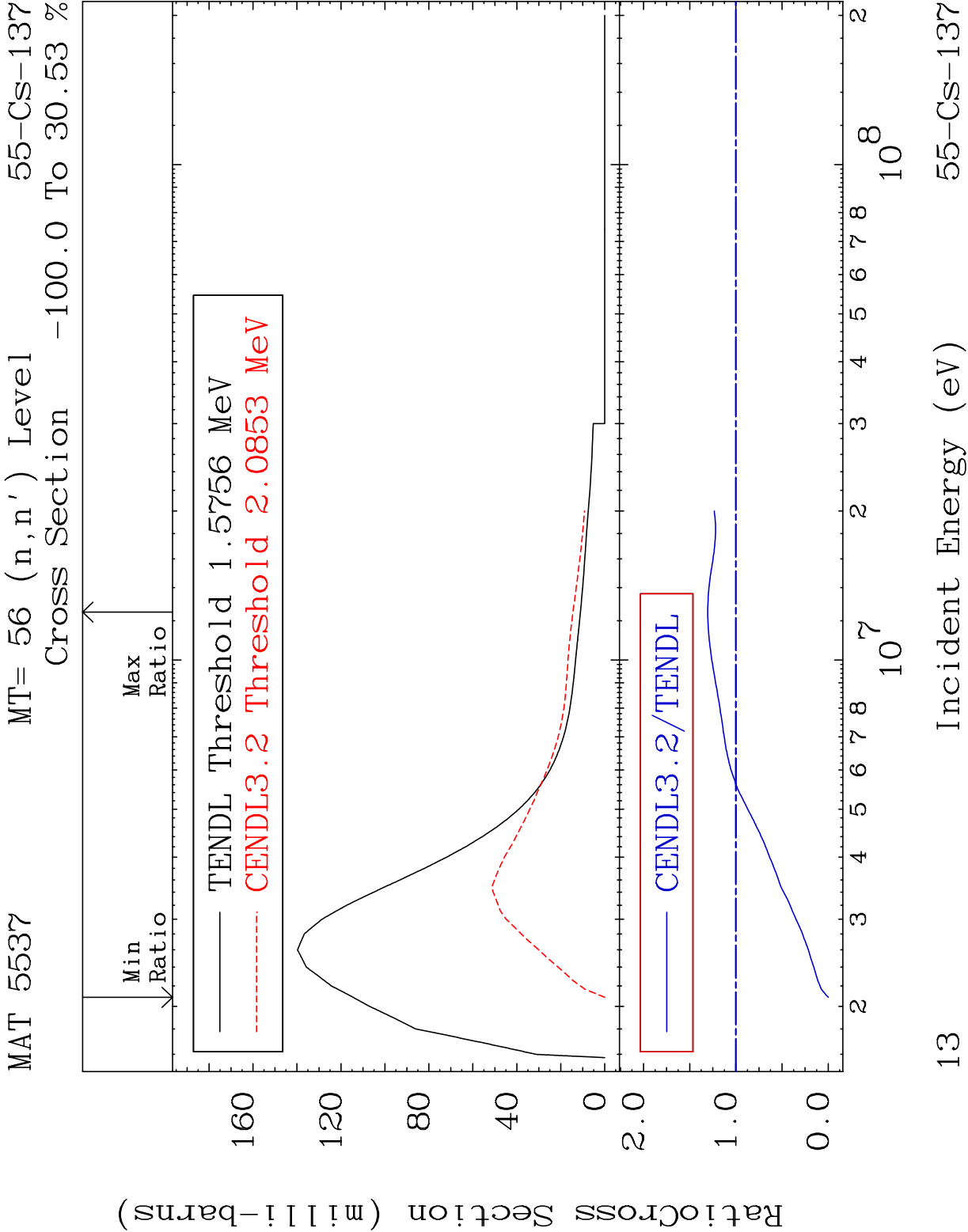


55-Cs-137



MAT 5537 MT= 55 (n,n') Level 55-Cs-137
Cross Section -100.0 To 308.9 %



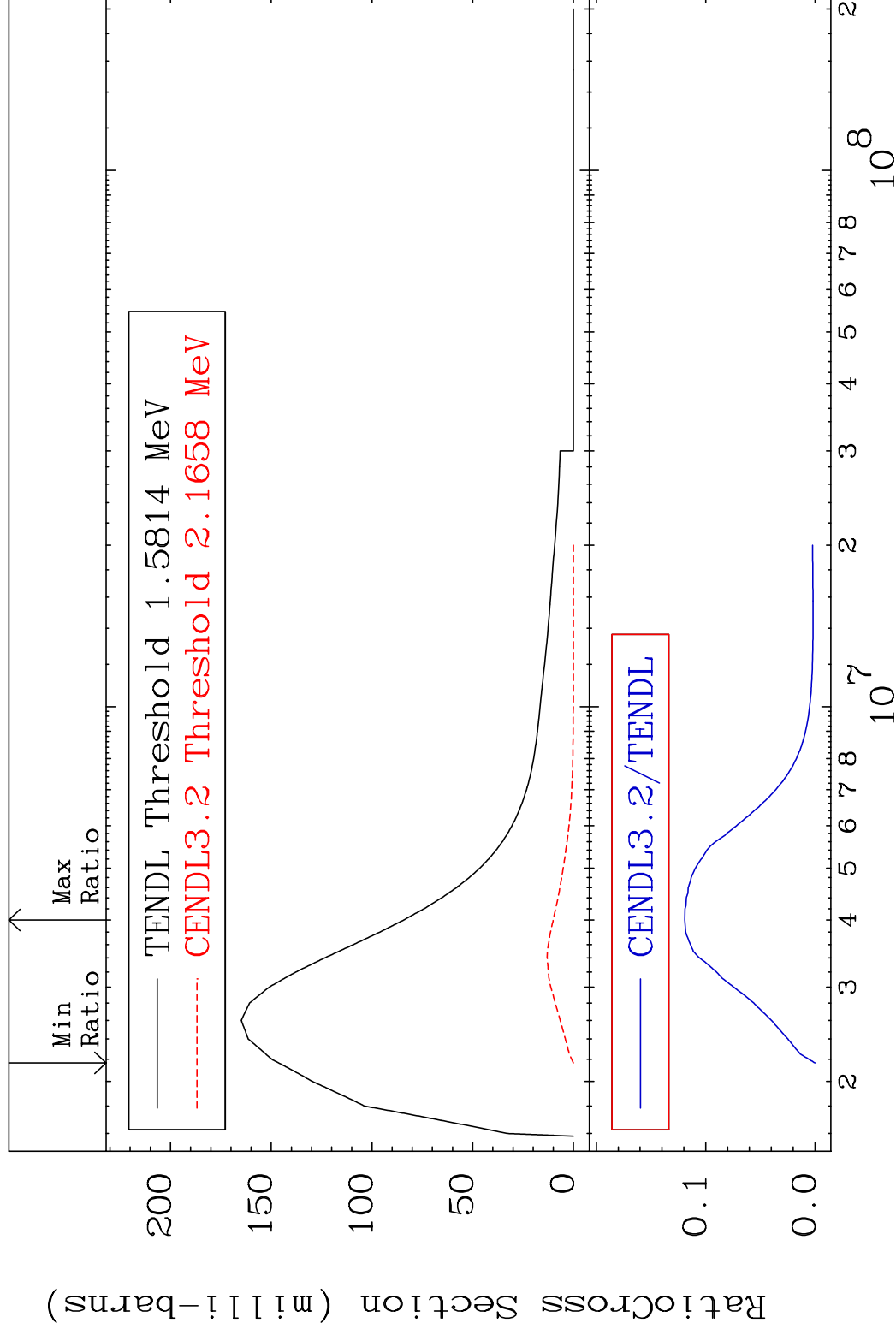


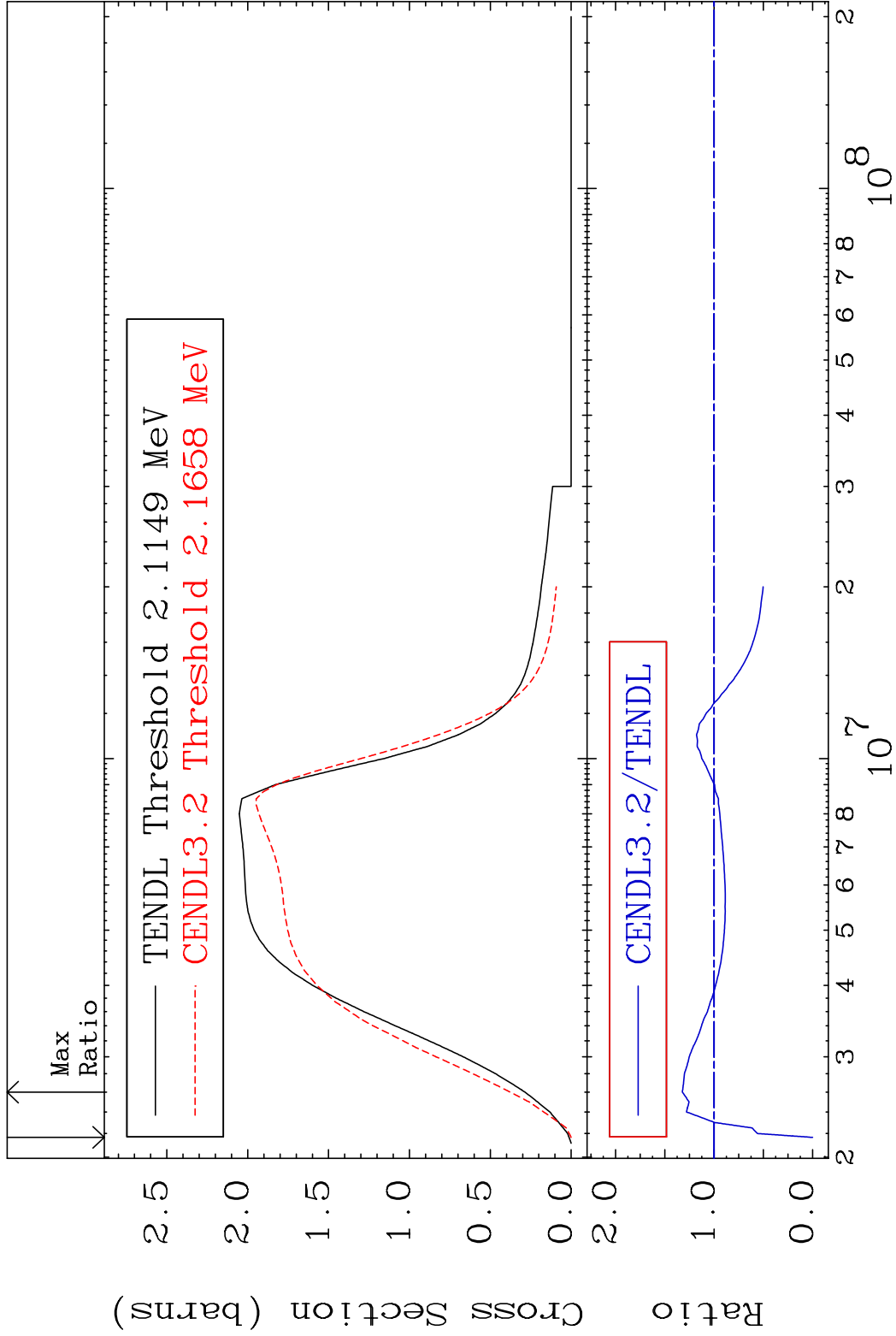
MAT 5537

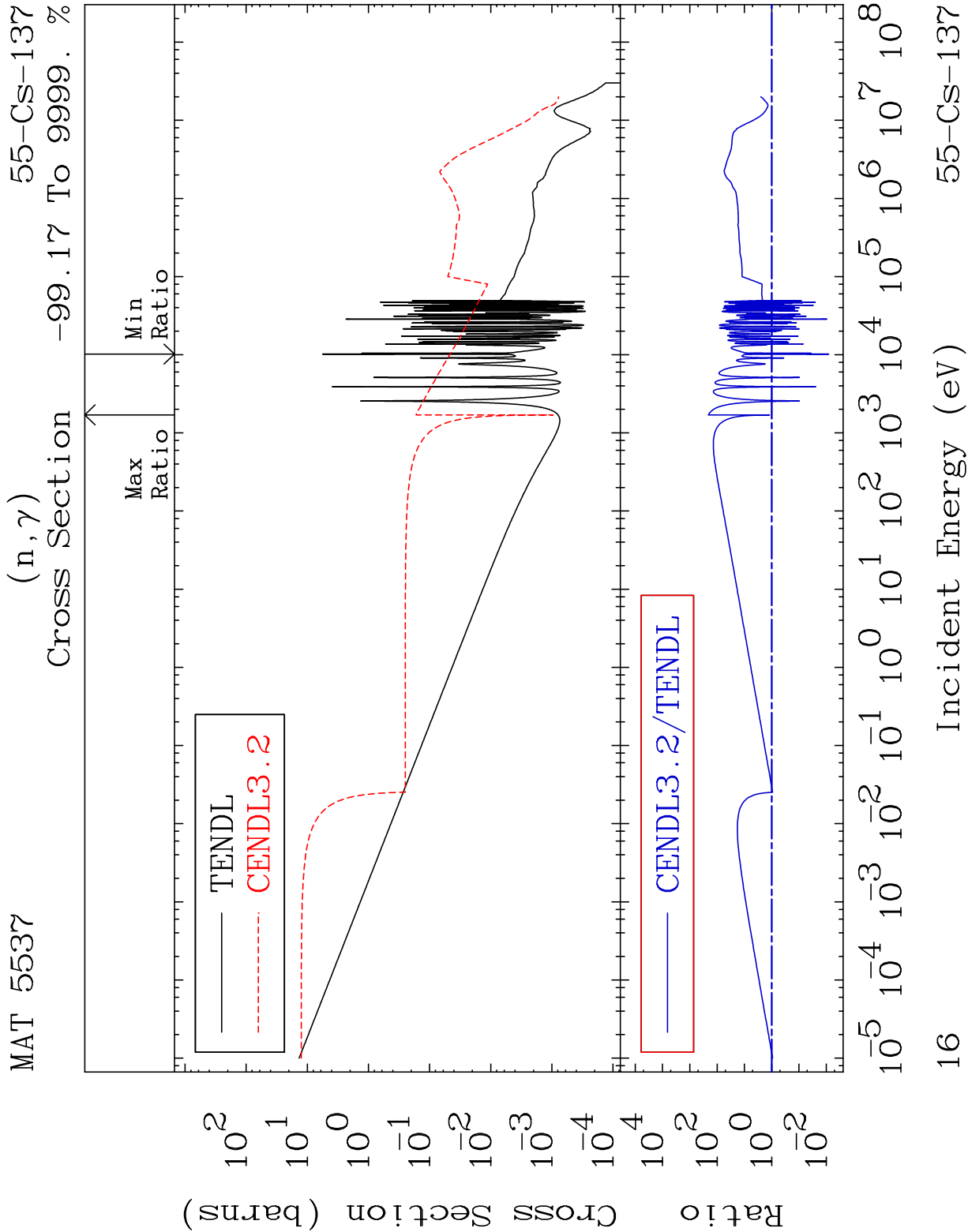
MT= 57 (n, n') Level

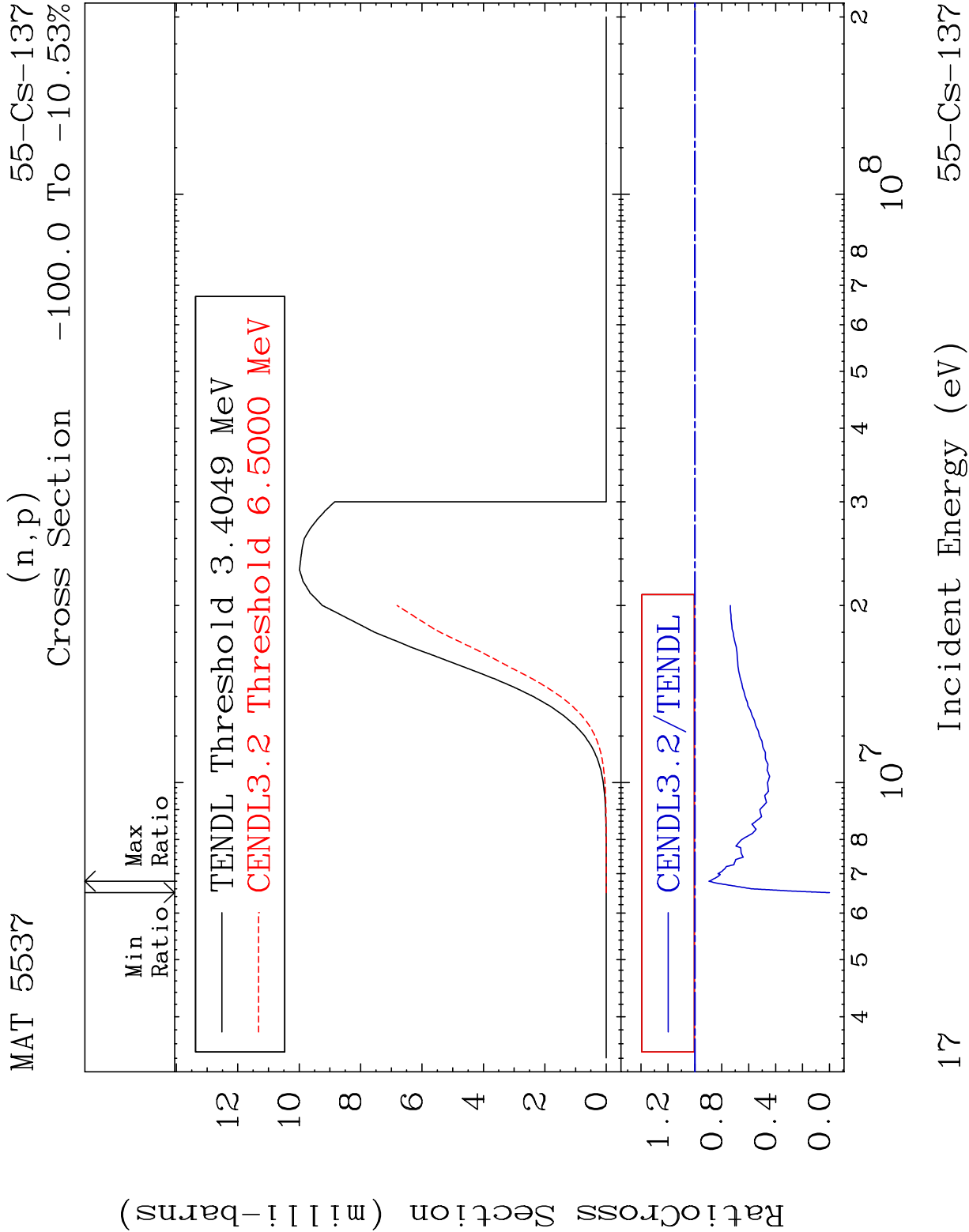
55-CS-137

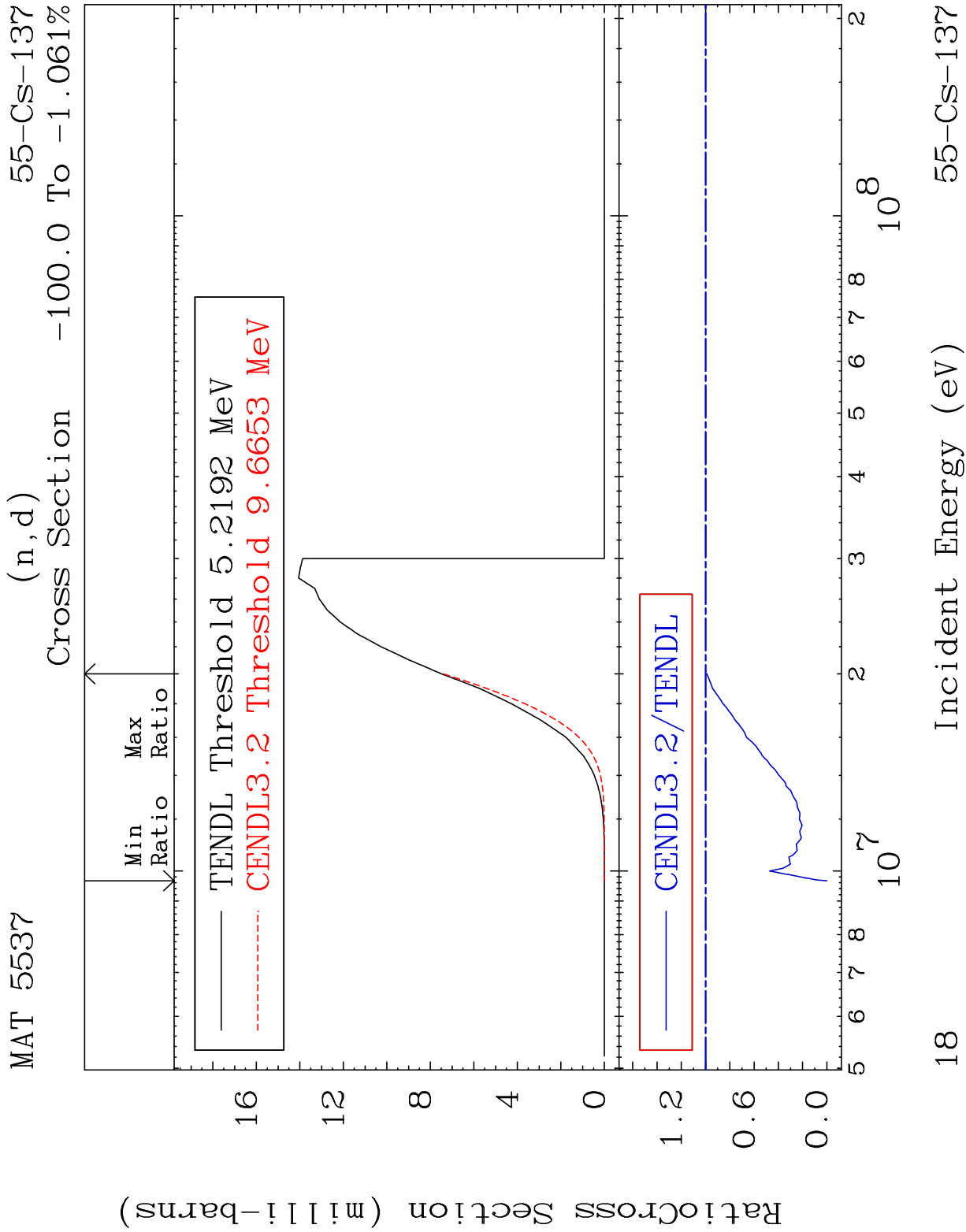
Cross Section	-100.0 To -88.08%
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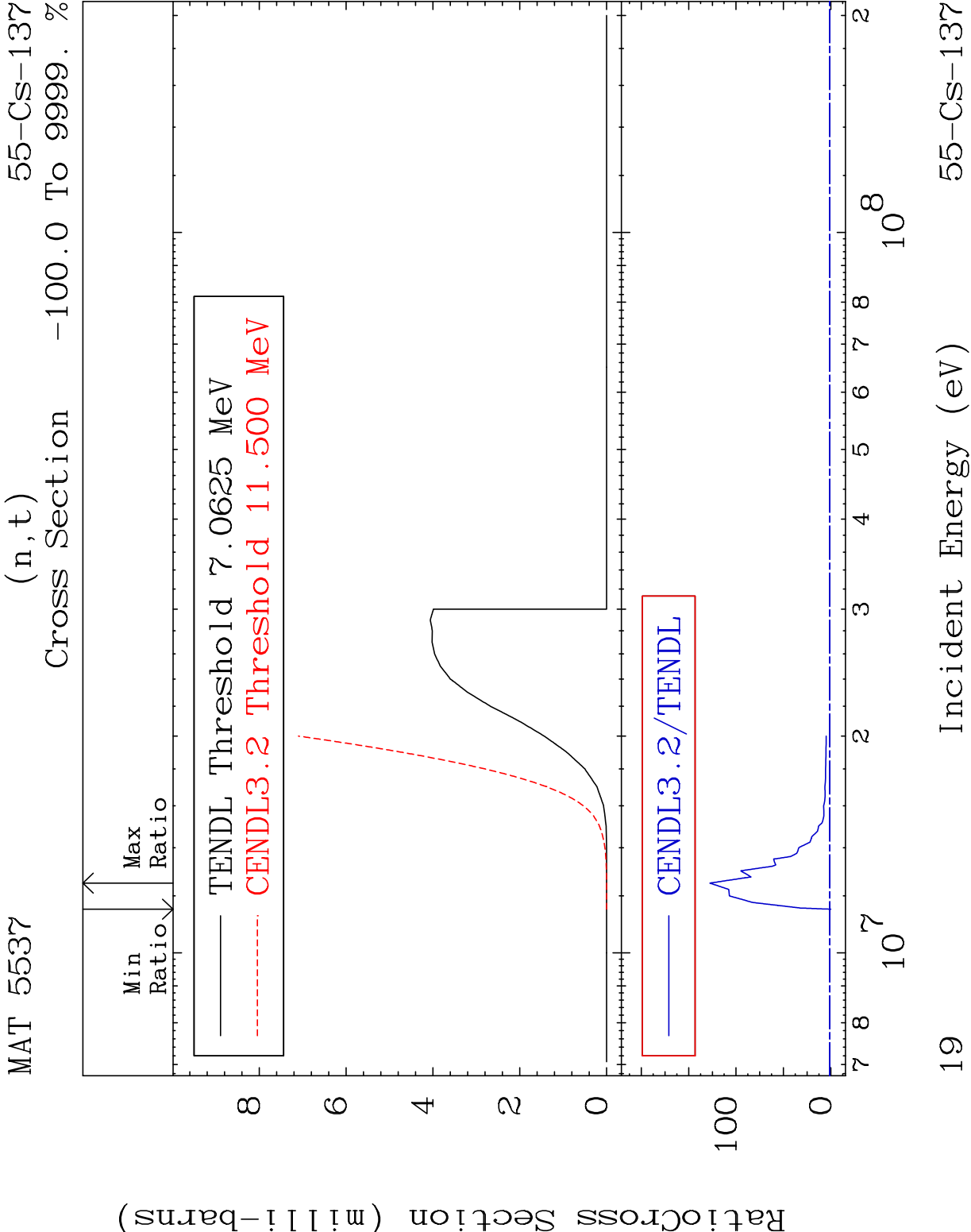


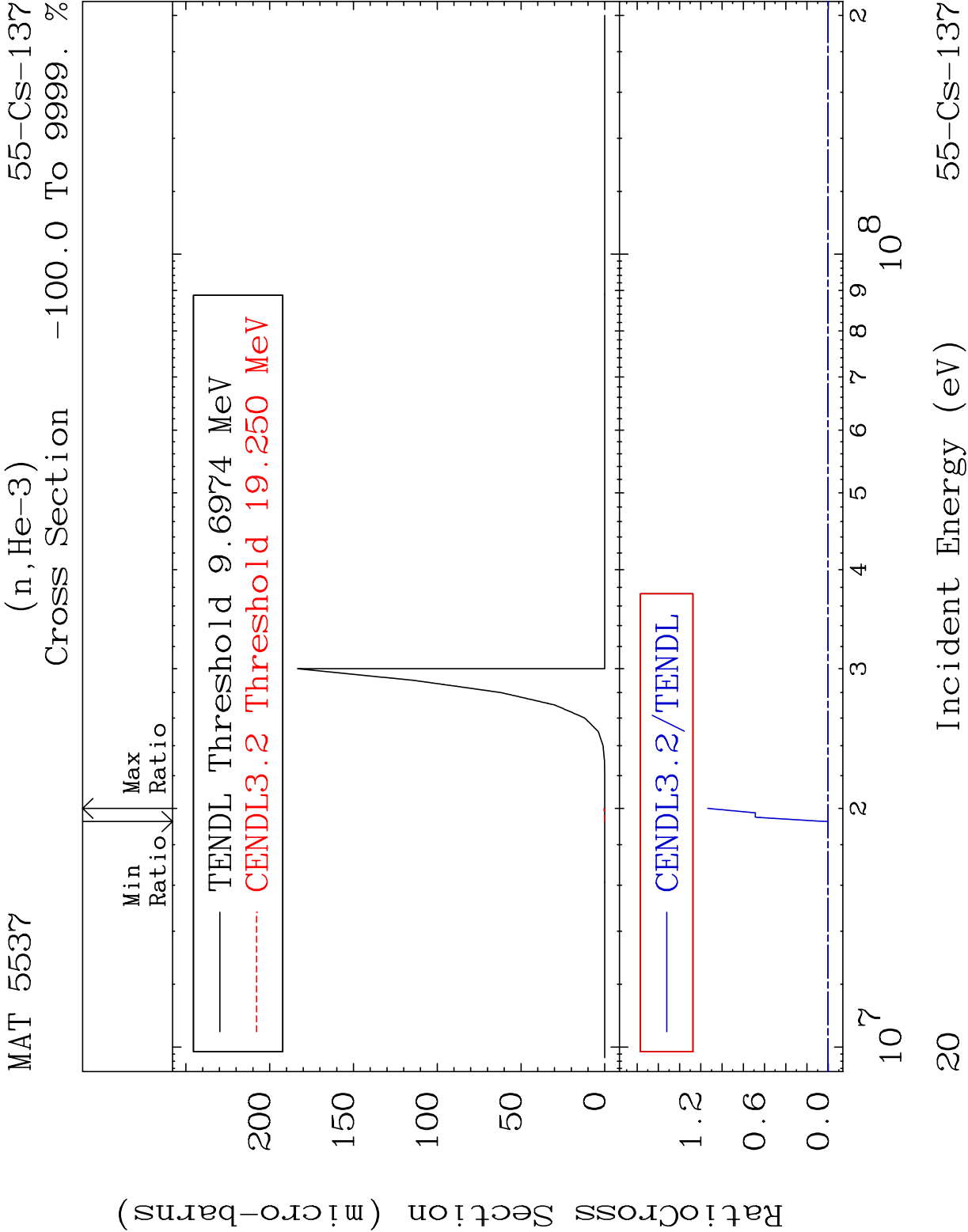


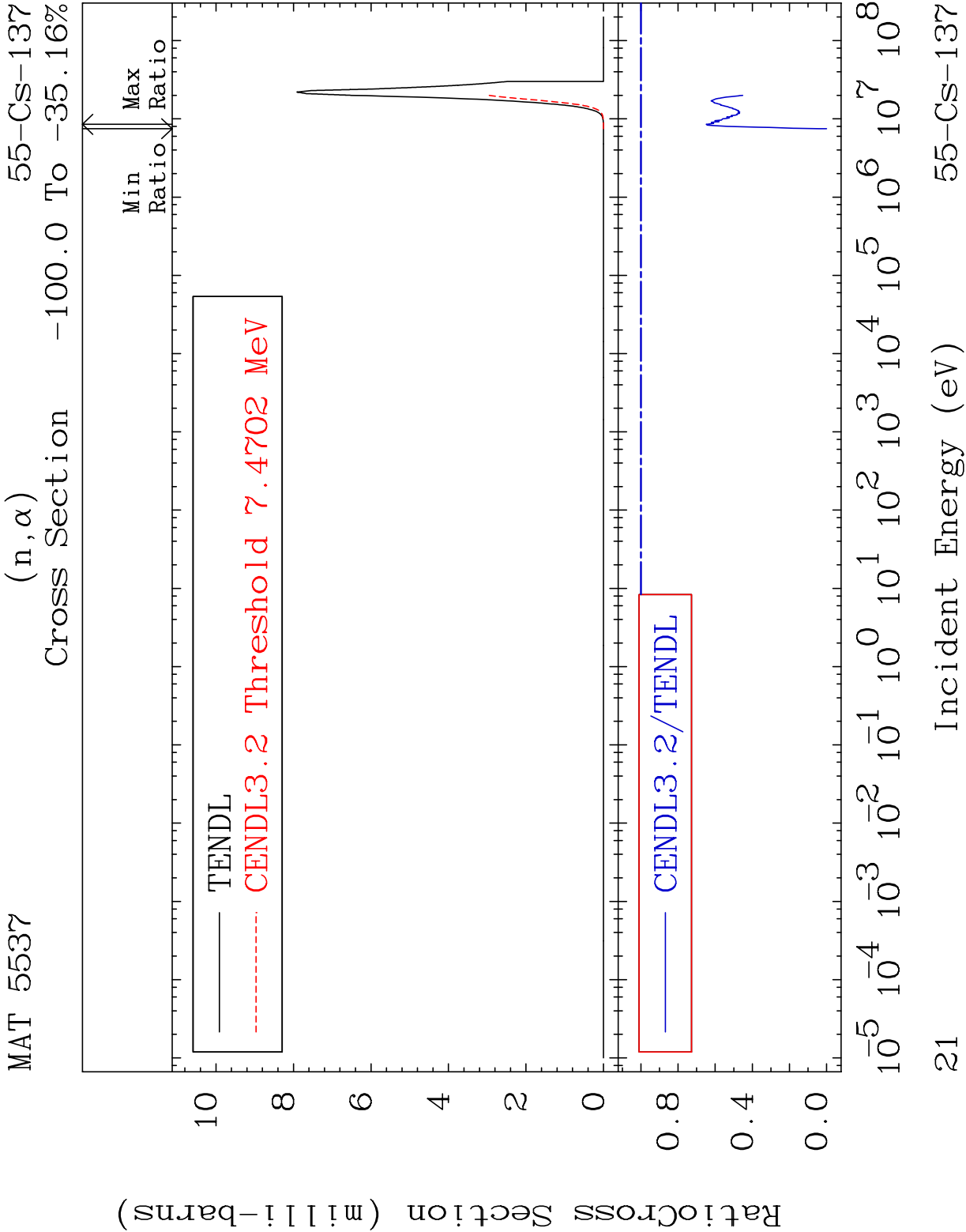


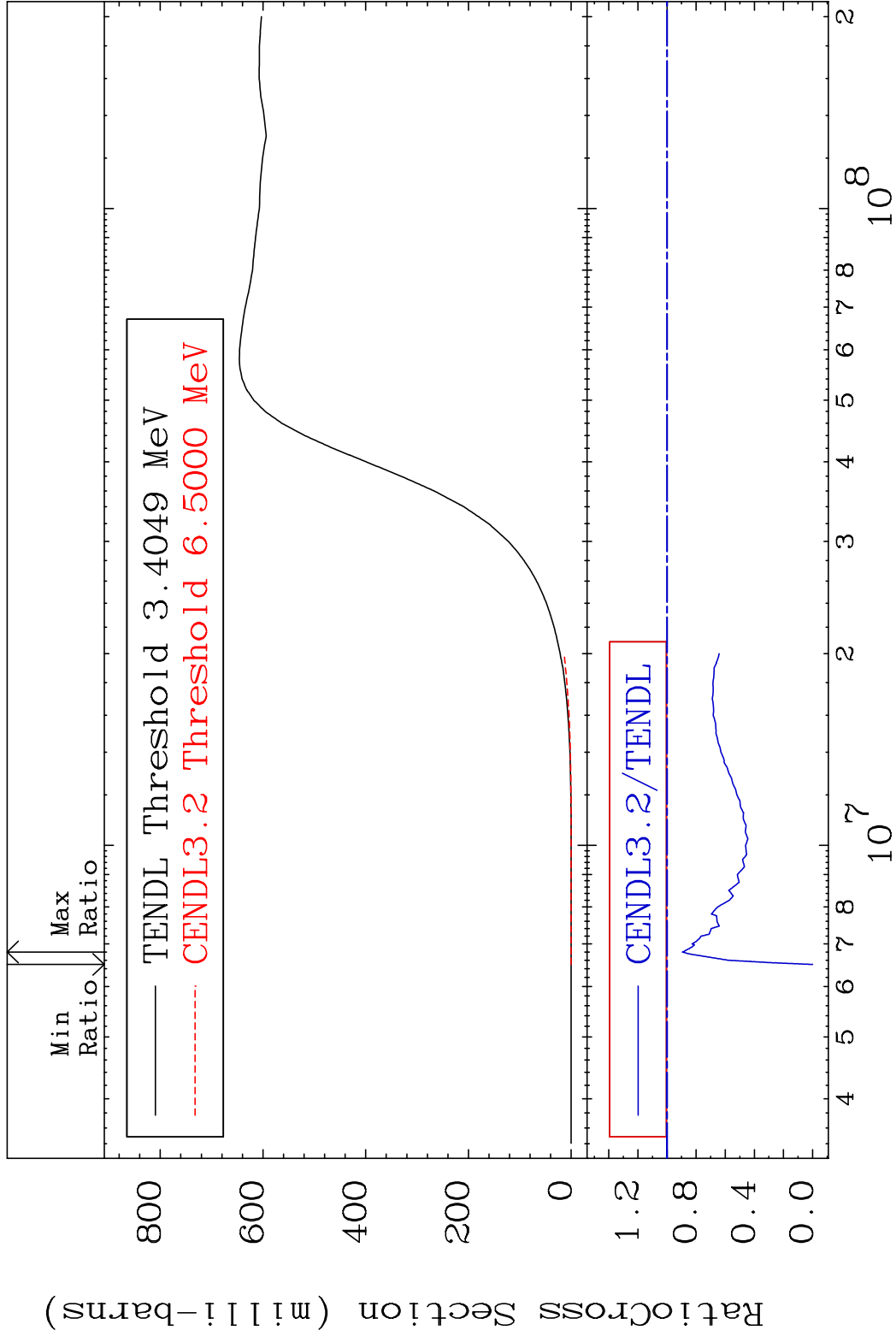










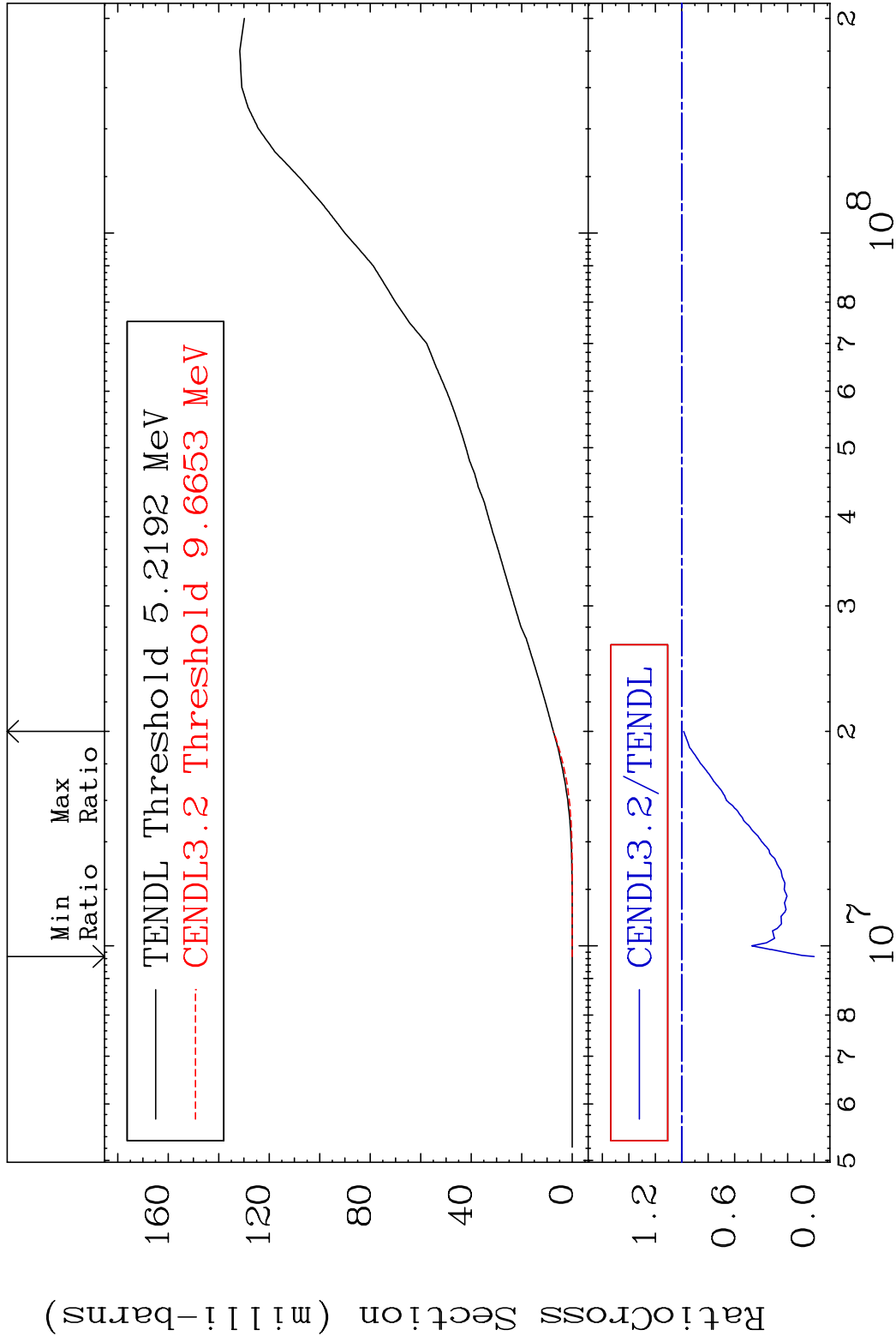


MAT 5537

Deuterium Production

55-Cs-137

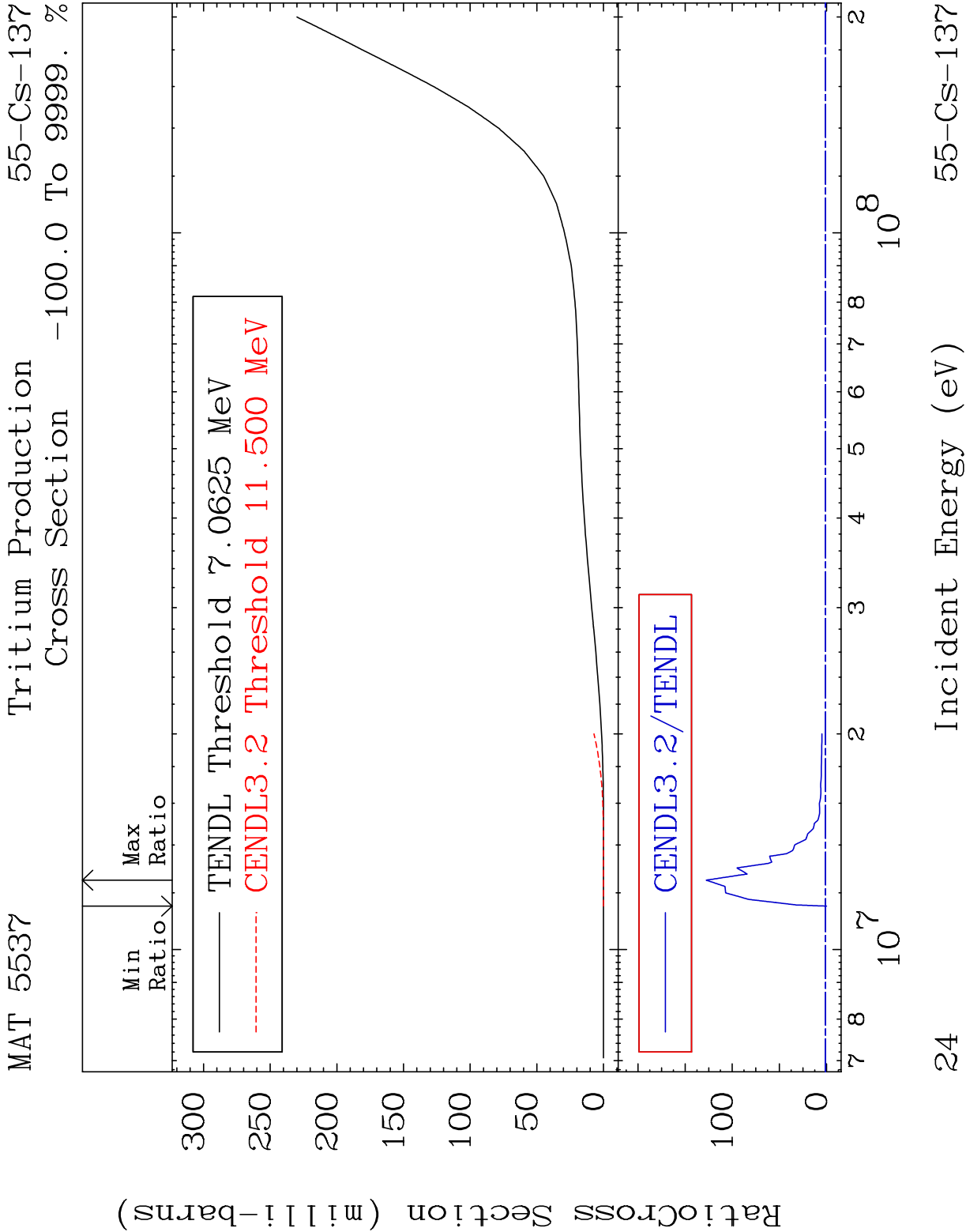
Cross Section -100.0 To -1.448%

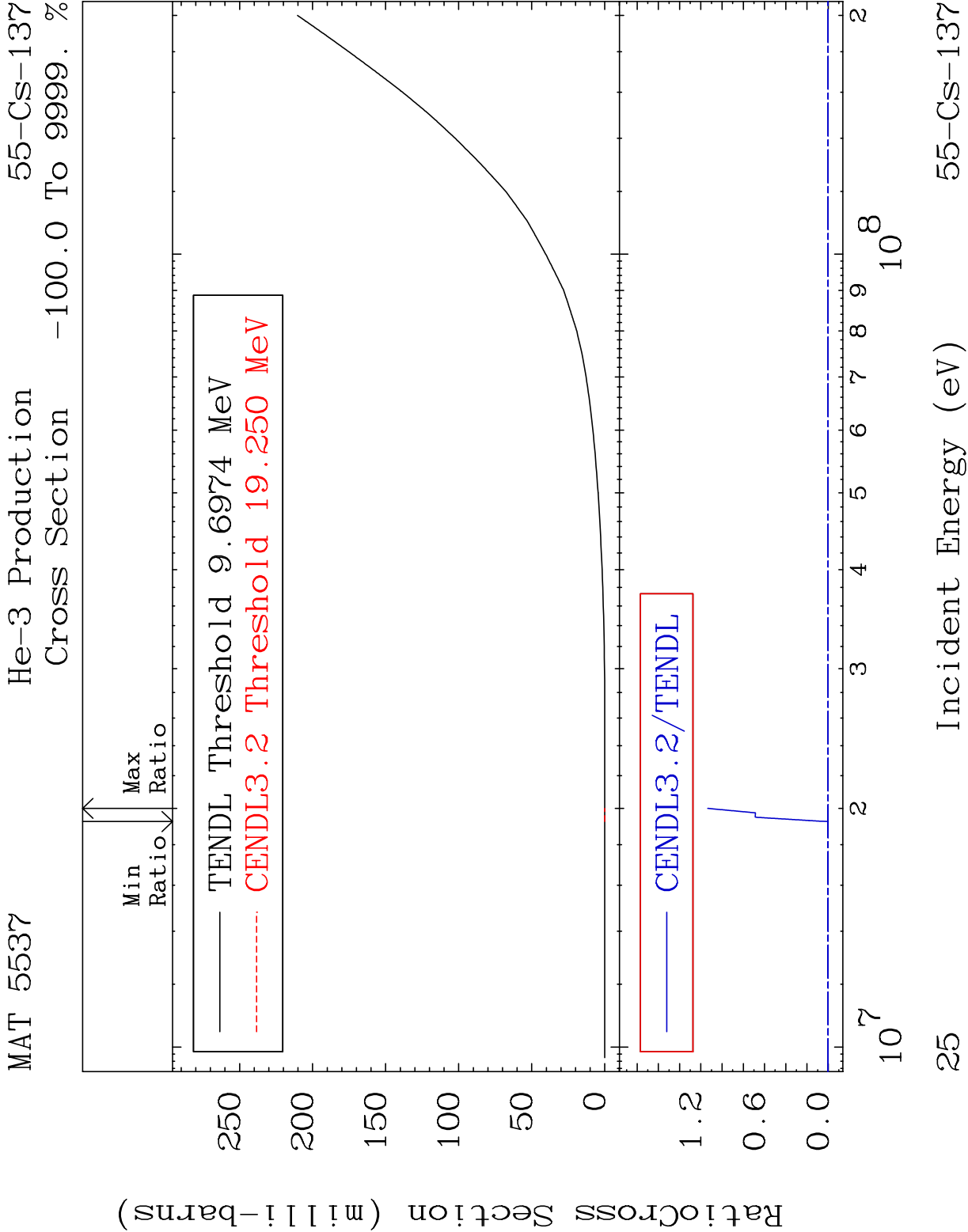


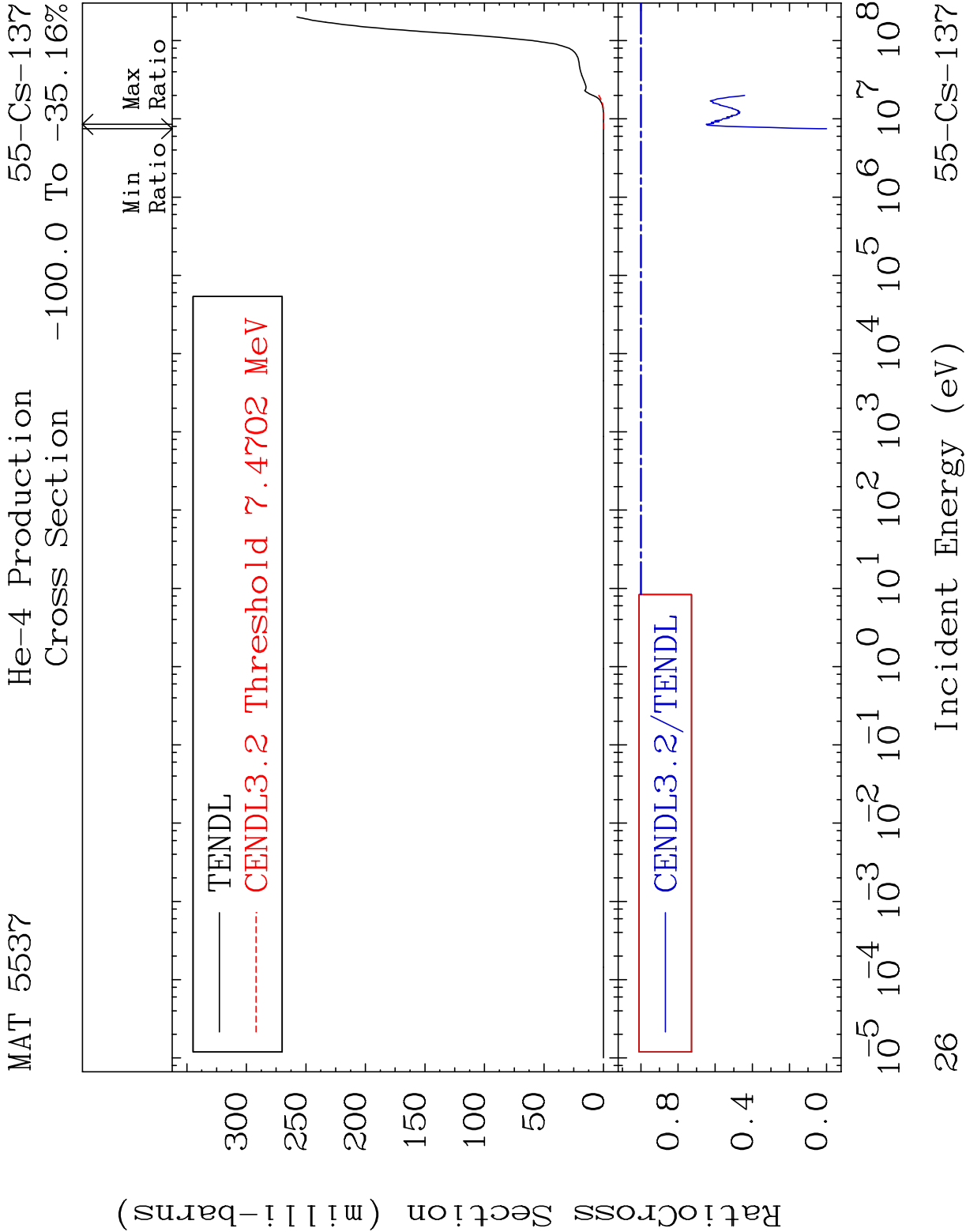
23

Incident Energy (eV)

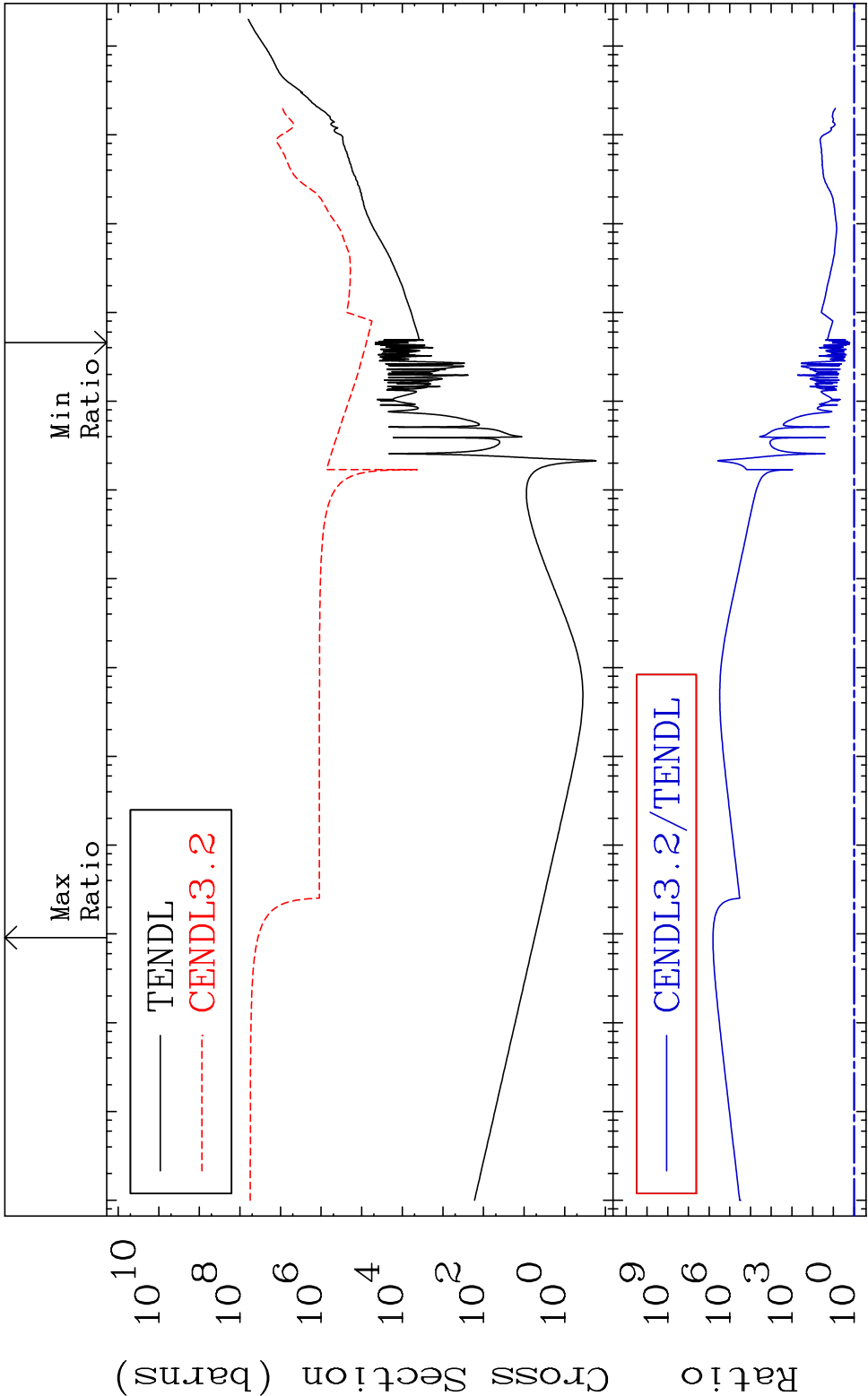
55-Cs-137





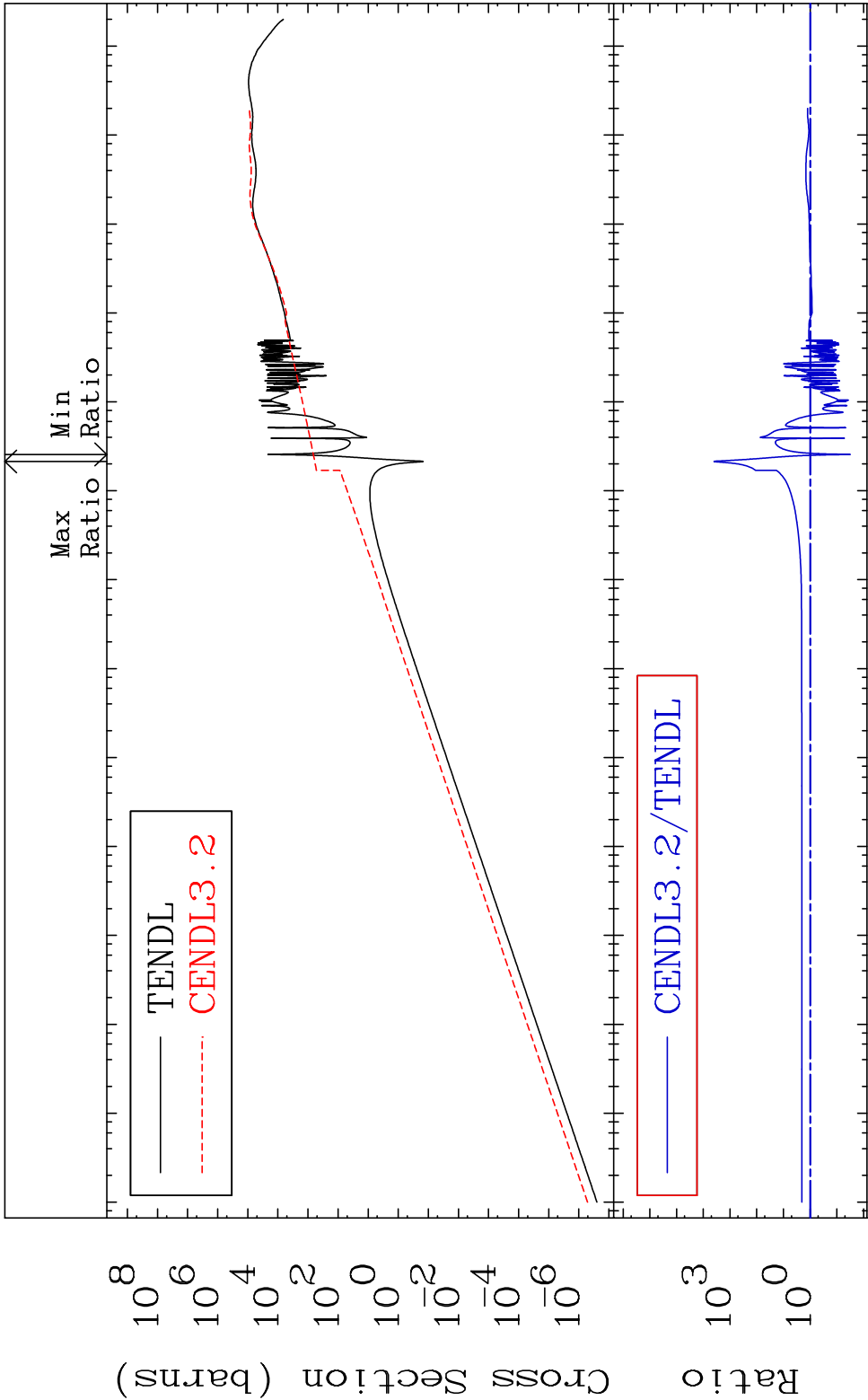


MAT 5537 Kerma total (eV-barns) 55-Cs-137
Cross Section 65.59 To 9999. %

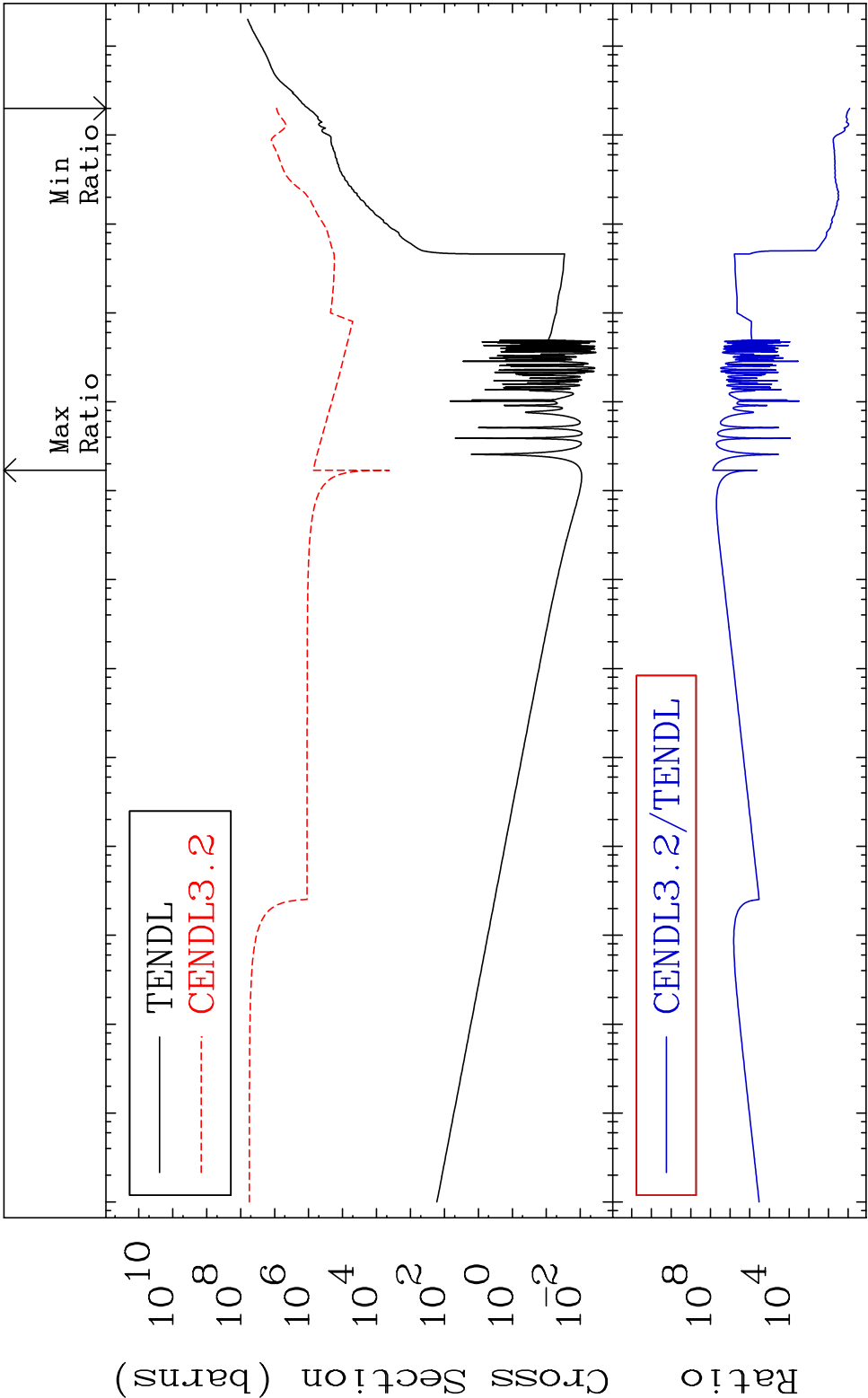


27 Incident Energy (eV) 55-Cs-137

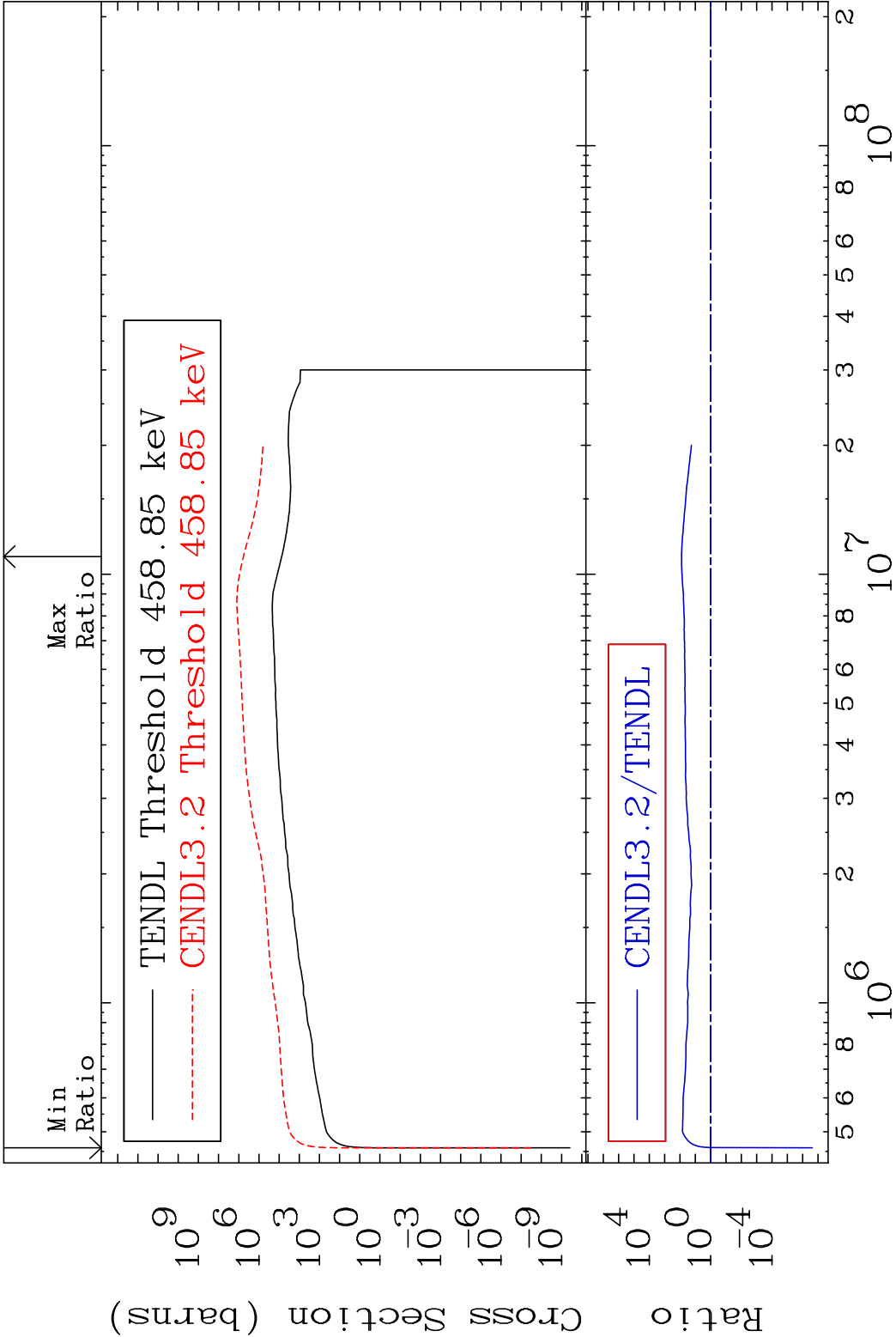
MAT 5537 Kerma elastic 55-Cs-137
Cross Section -96.89 To 9999. %



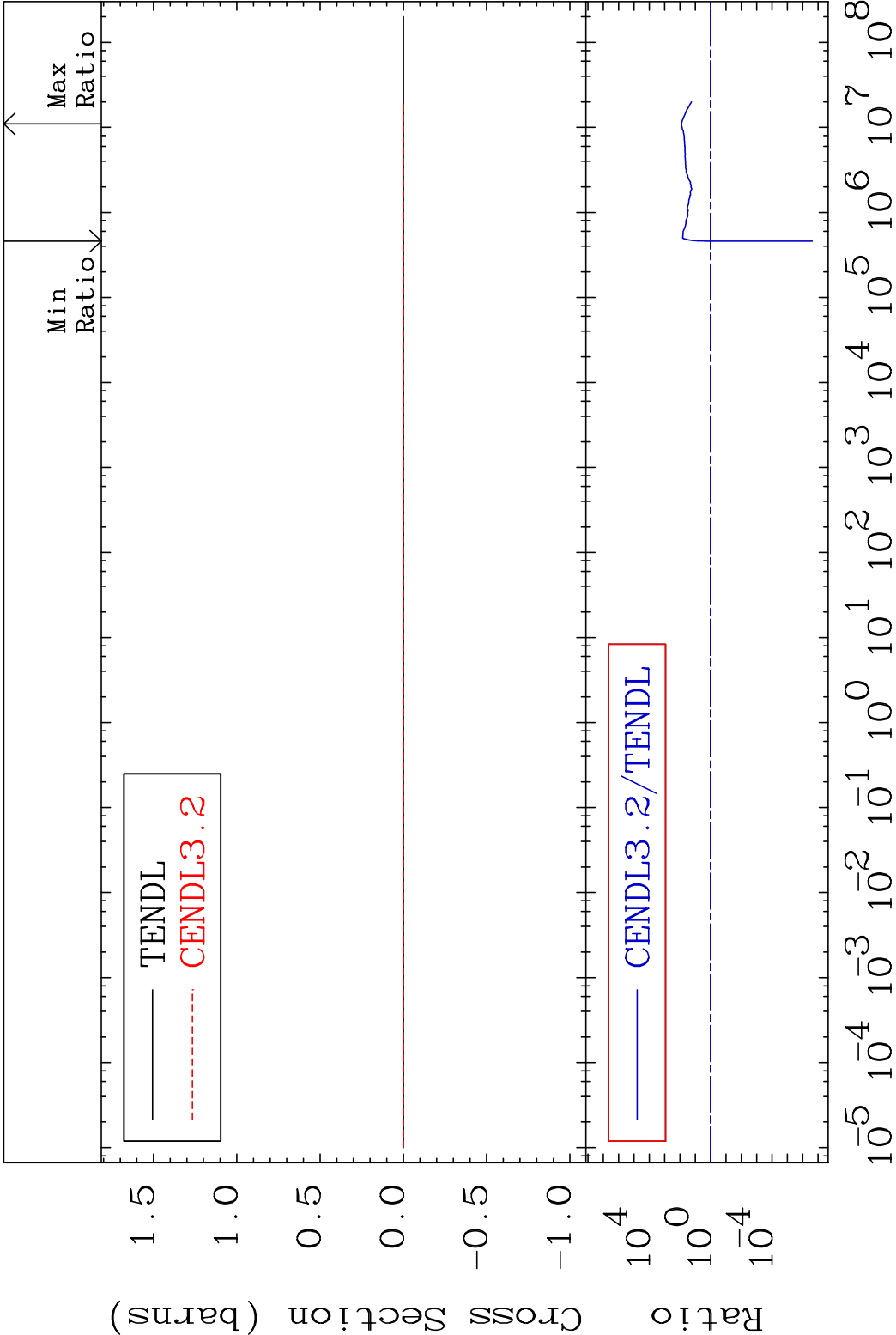
28 Incident Energy (eV) 55-Cs-137

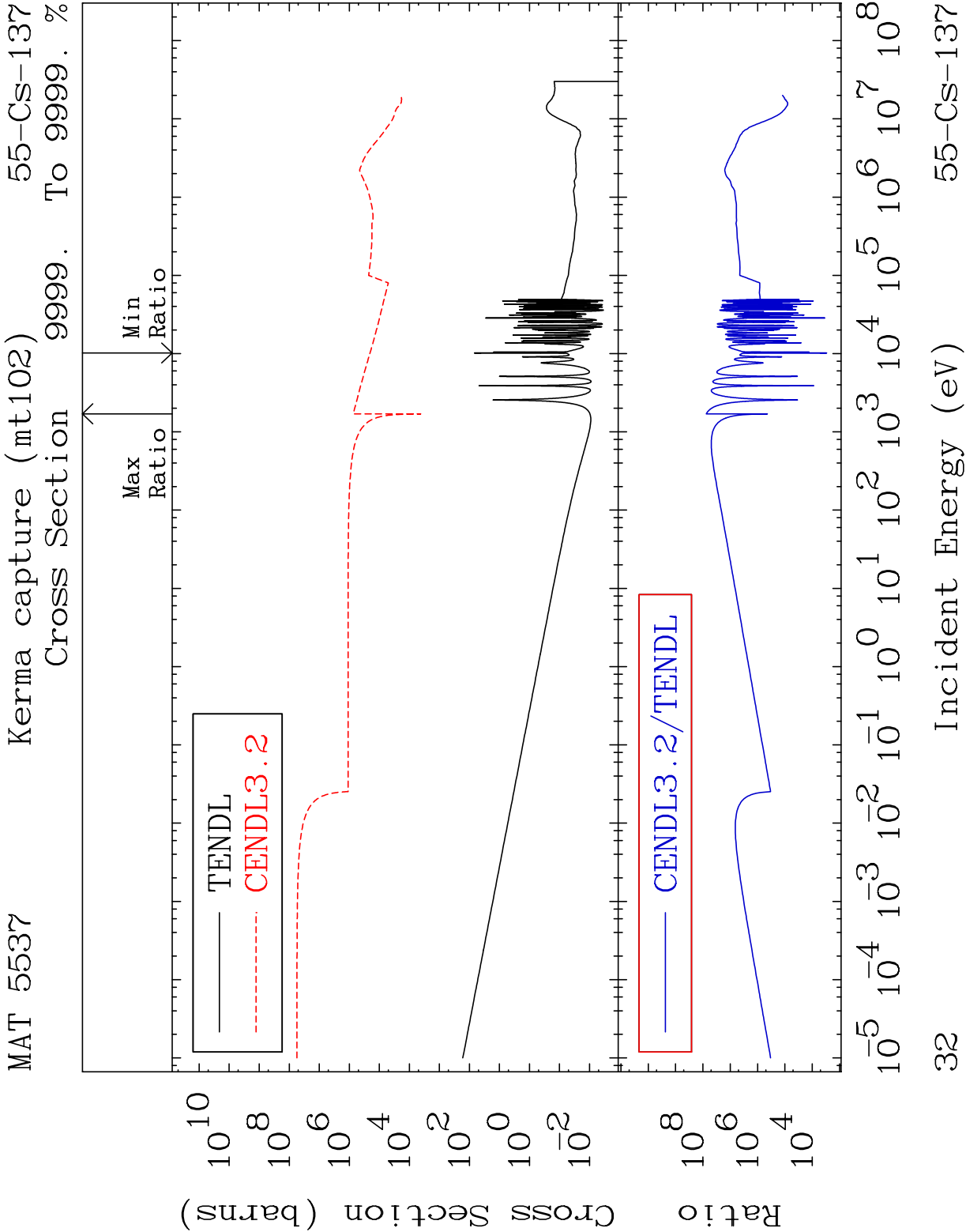


MAT 5537 Kerma inelastic (mt51-91) 55-Cs-137
Cross Section -100.0 To 7836. %



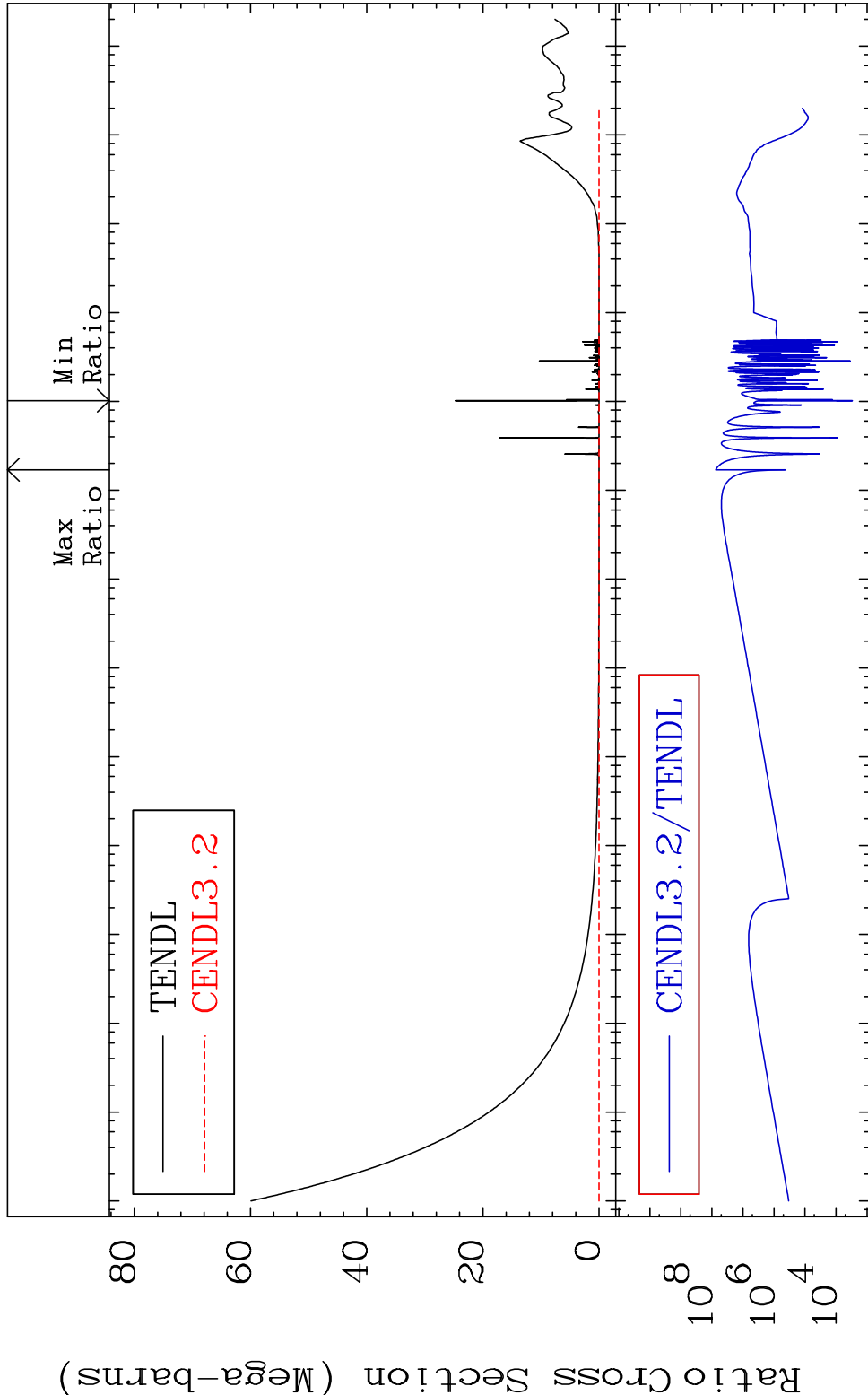
MAT 5537 Kerma fission (mt18 or mt19-20-21-38)55-Cs-137
 Cross Section -100.0 To 7836. %





MAT 5537 Total photon (eV-barns) 55-Cs-137

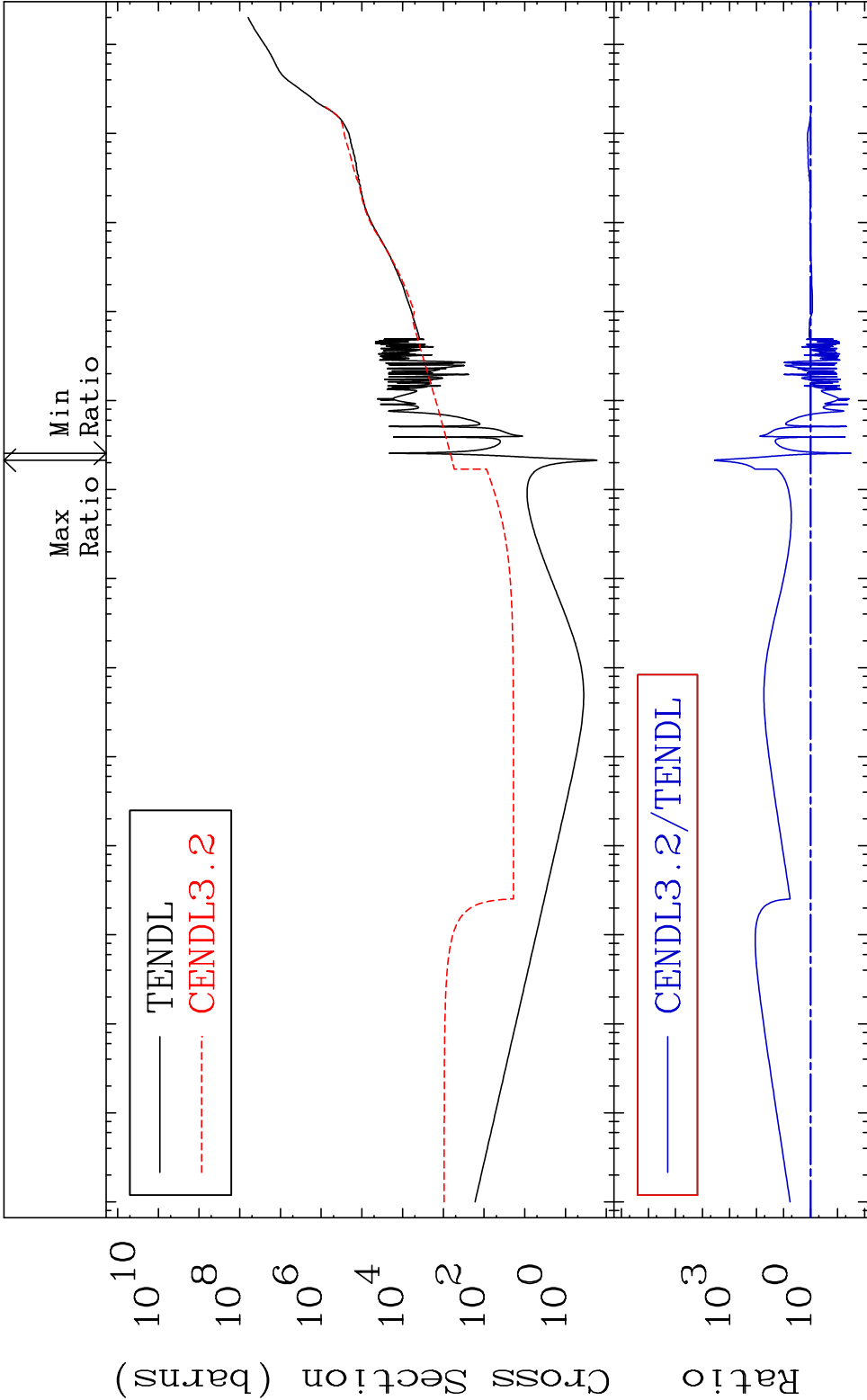
Cross Section 9999. To 9999. %



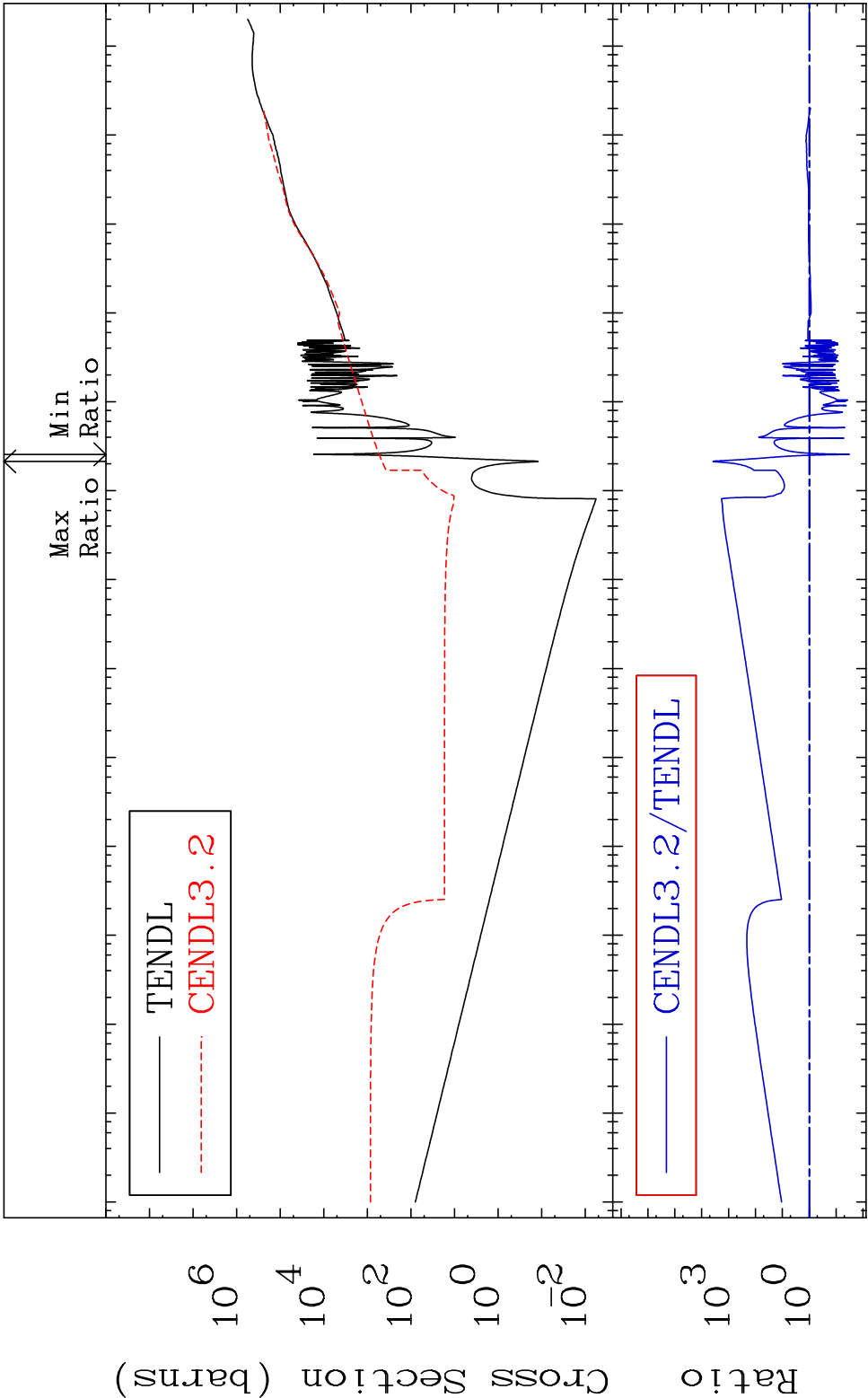
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

33 Incident Energy (eV) 55-Cs-137

MAT 5537 Total kinematic kerma (high limit) 55-Cs-137
Cross Section -96.83 To 9999. %

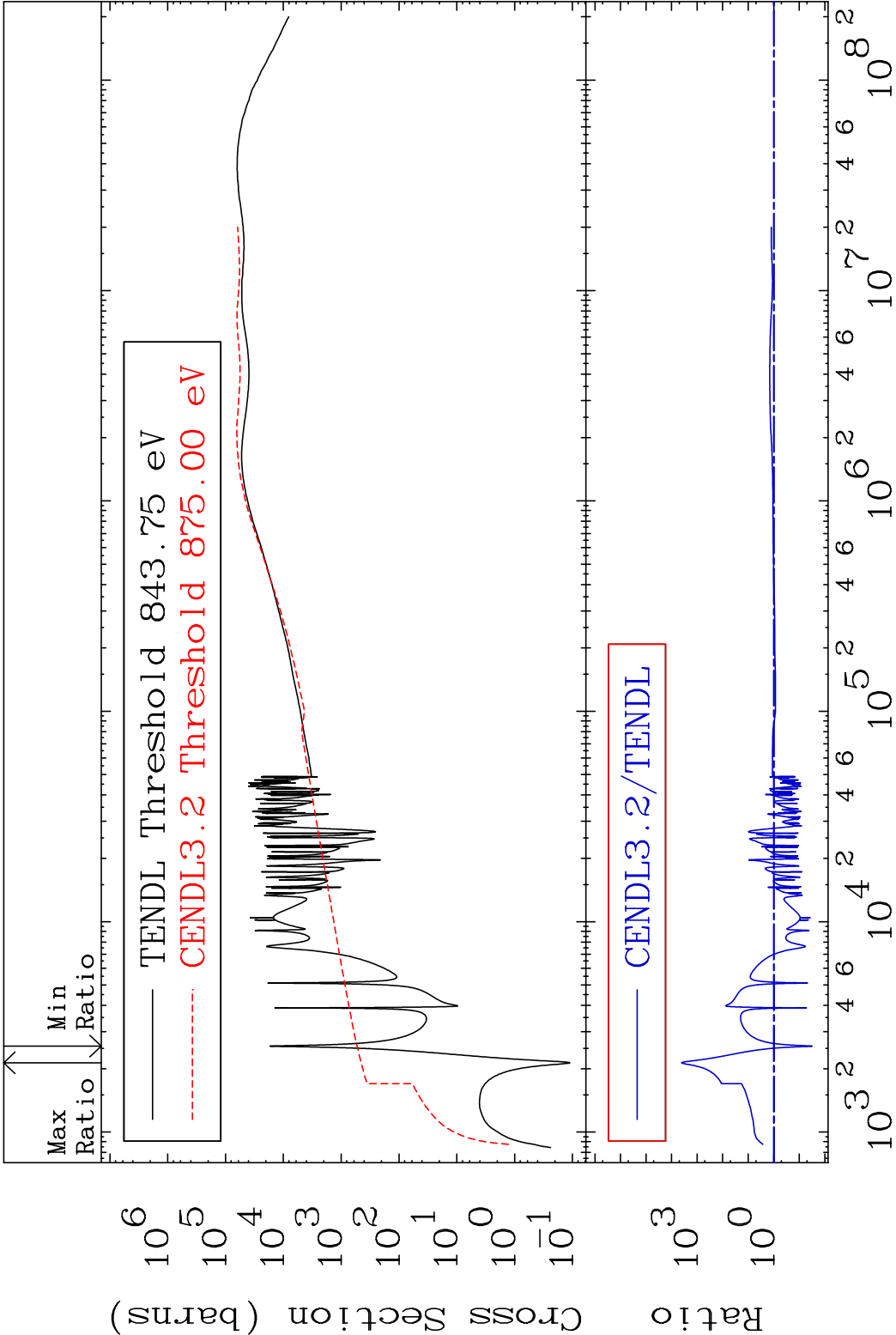


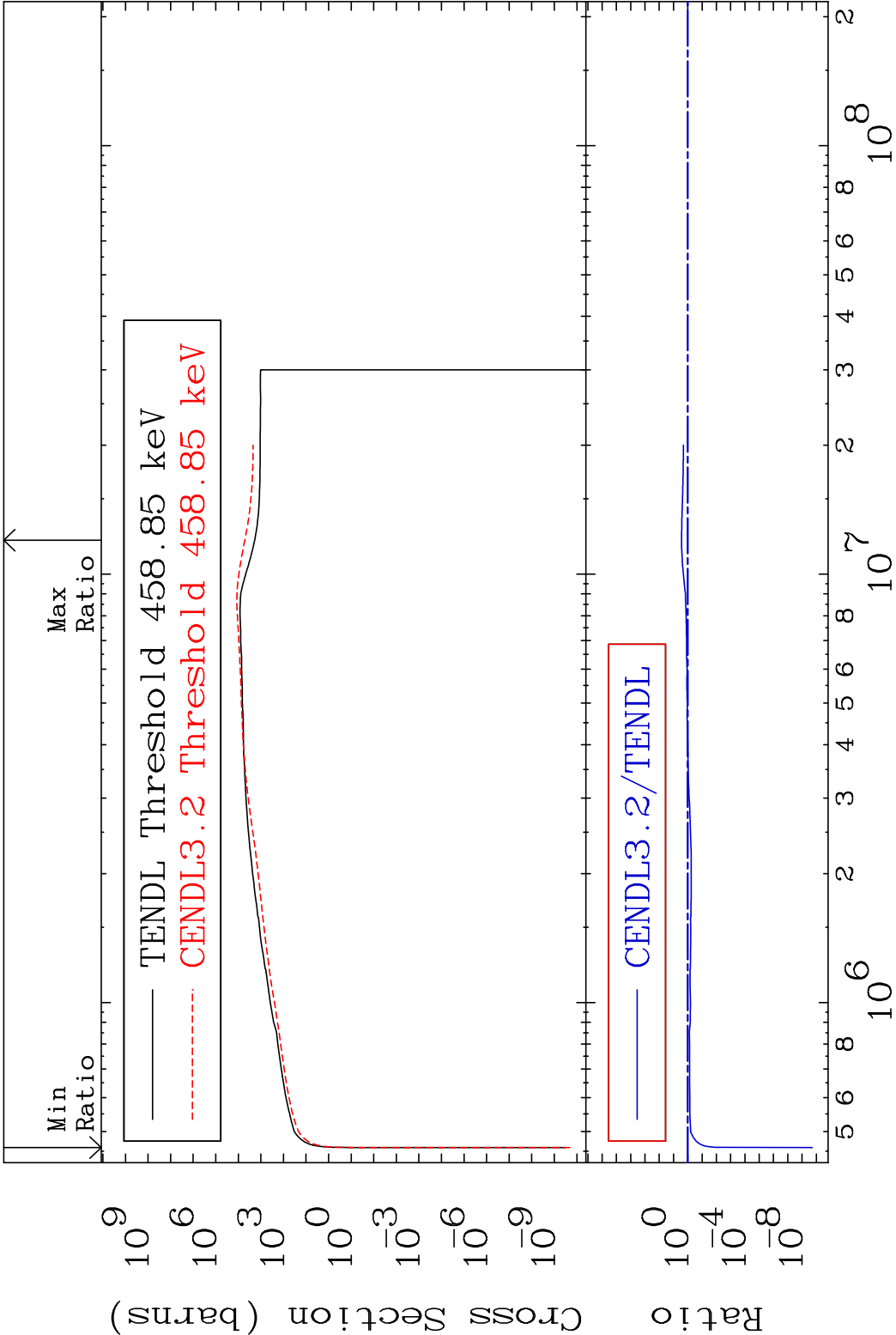
MAT 5537 Dpa total (eV-barns) 55-Cs-137
Cross Section -96.83 To 9999. %



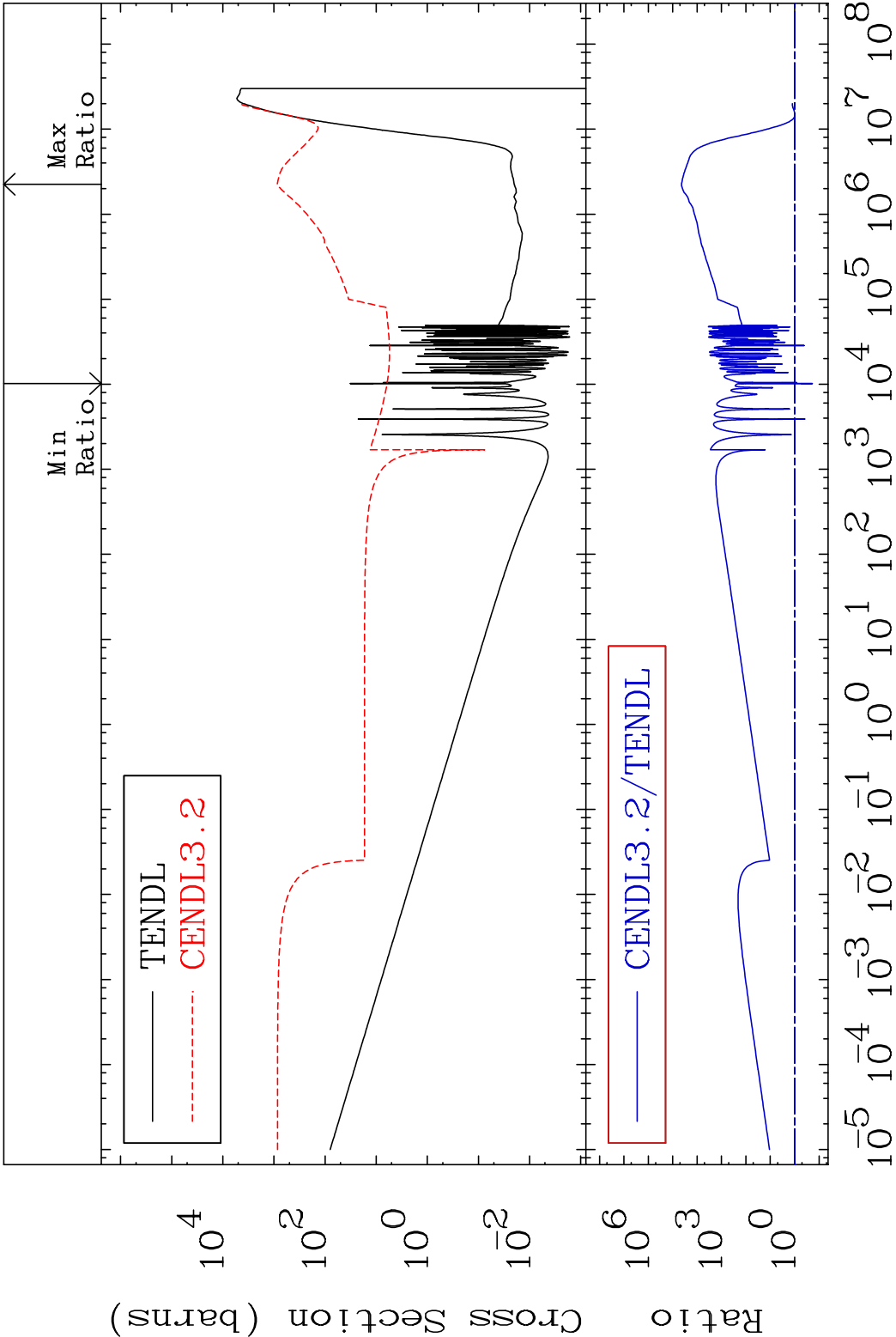
35 Incident Energy (eV) 55-Cs-137

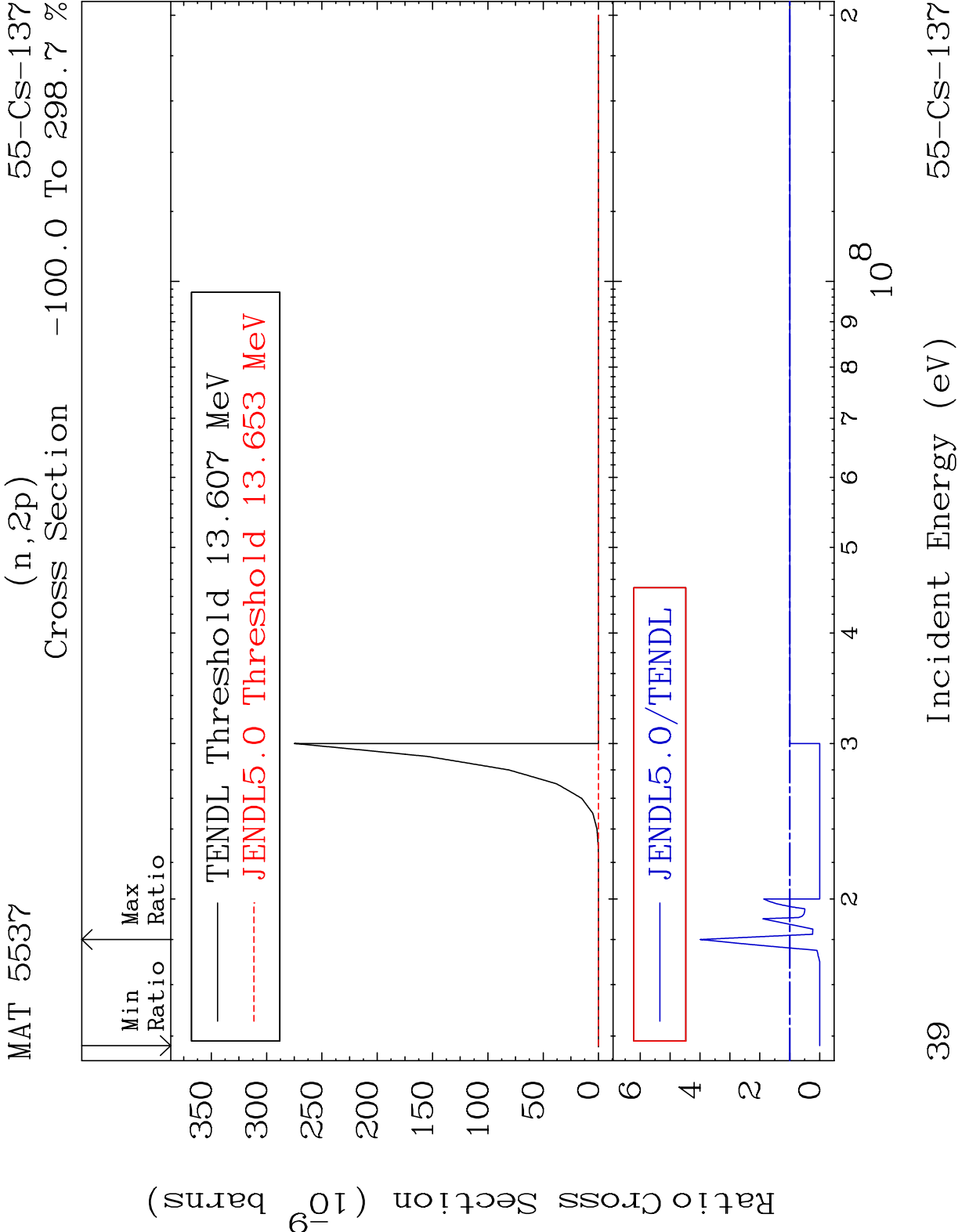
MAT 5537	Dpa elastic (mt2)	55-Cs-137
	Cross Section	-96.89 To 9999. %





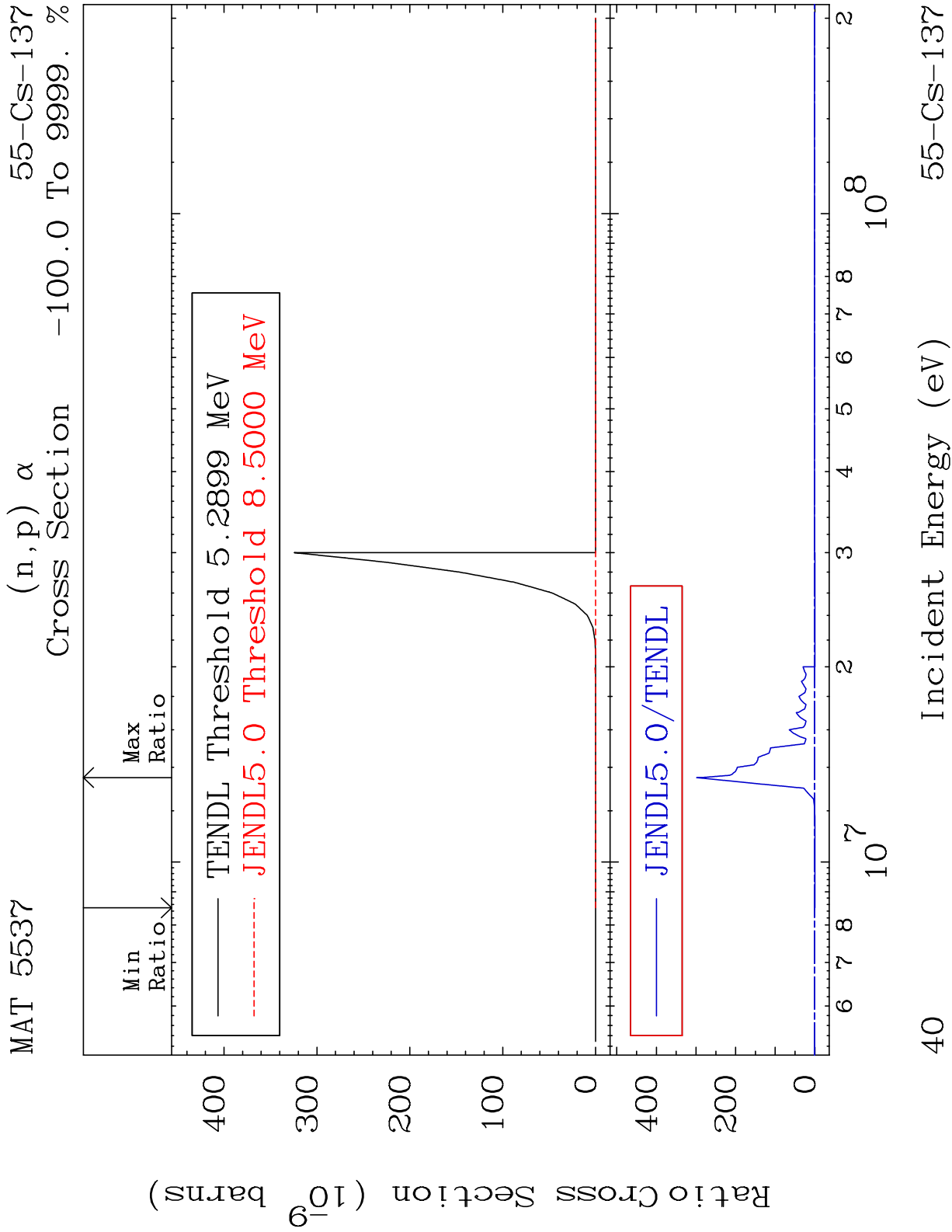
MAT 5537 Dpa disappearance (mt102 -120) 55-Cs-137
 Cross Section -80.98 To 9999. %

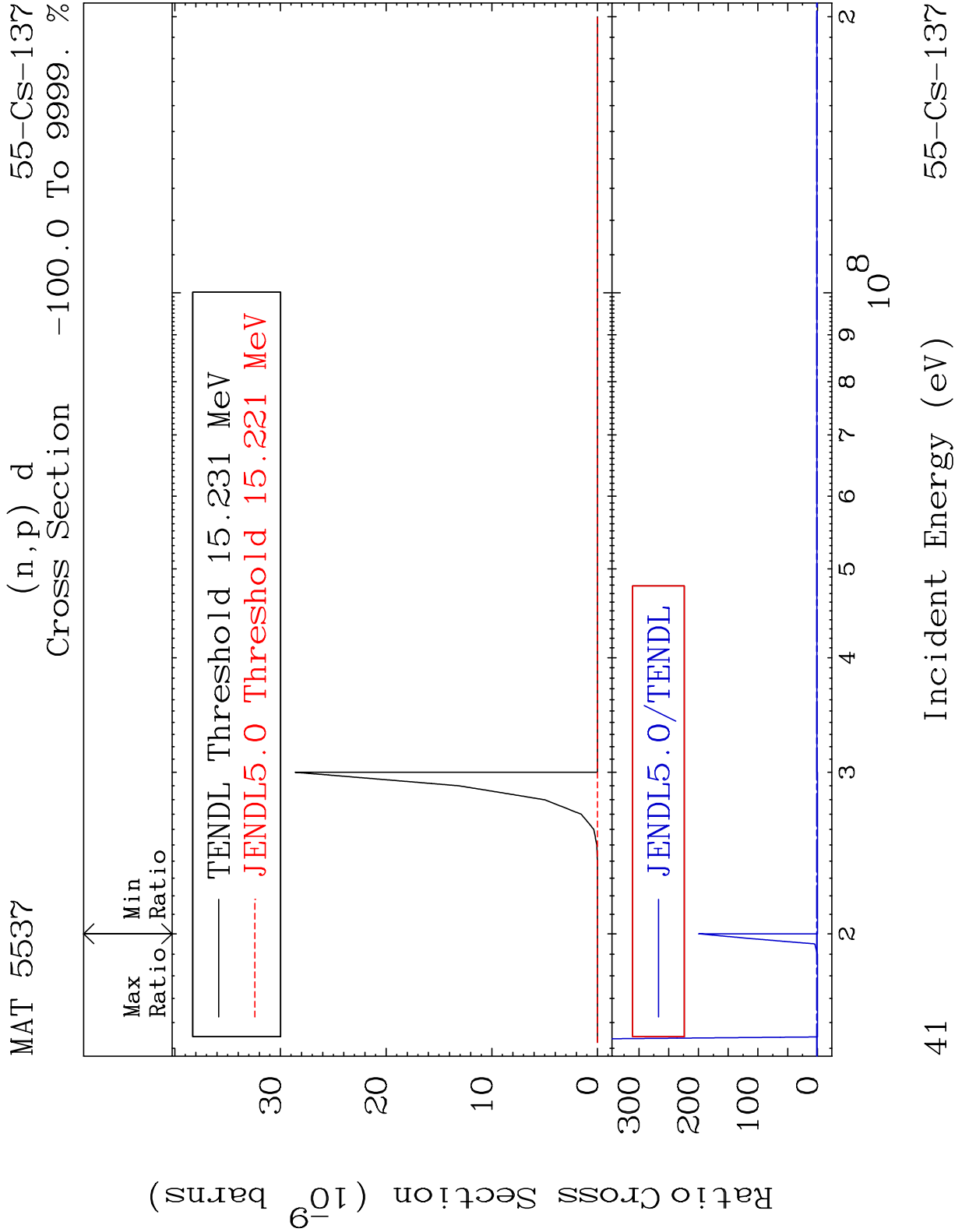




39

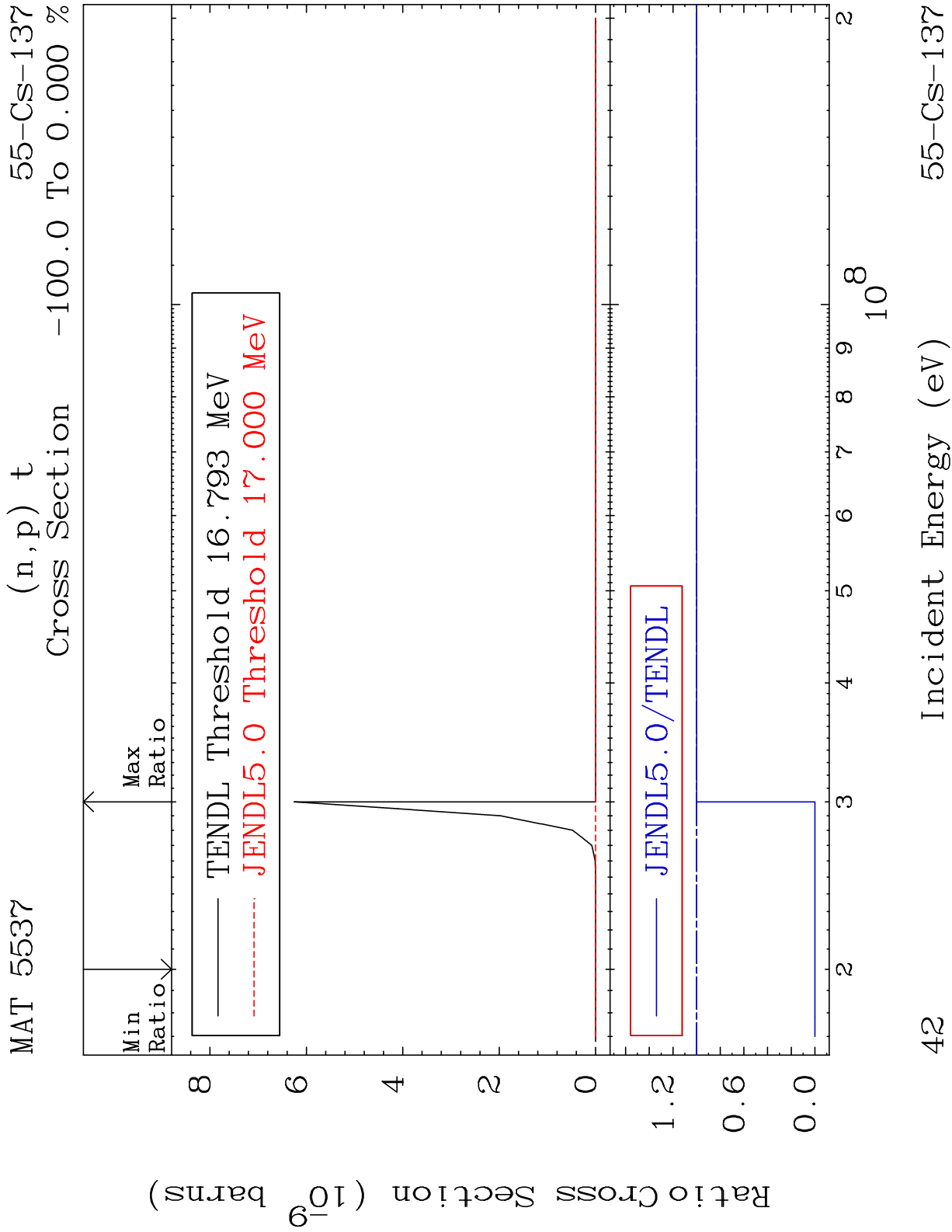
55-Cs-137

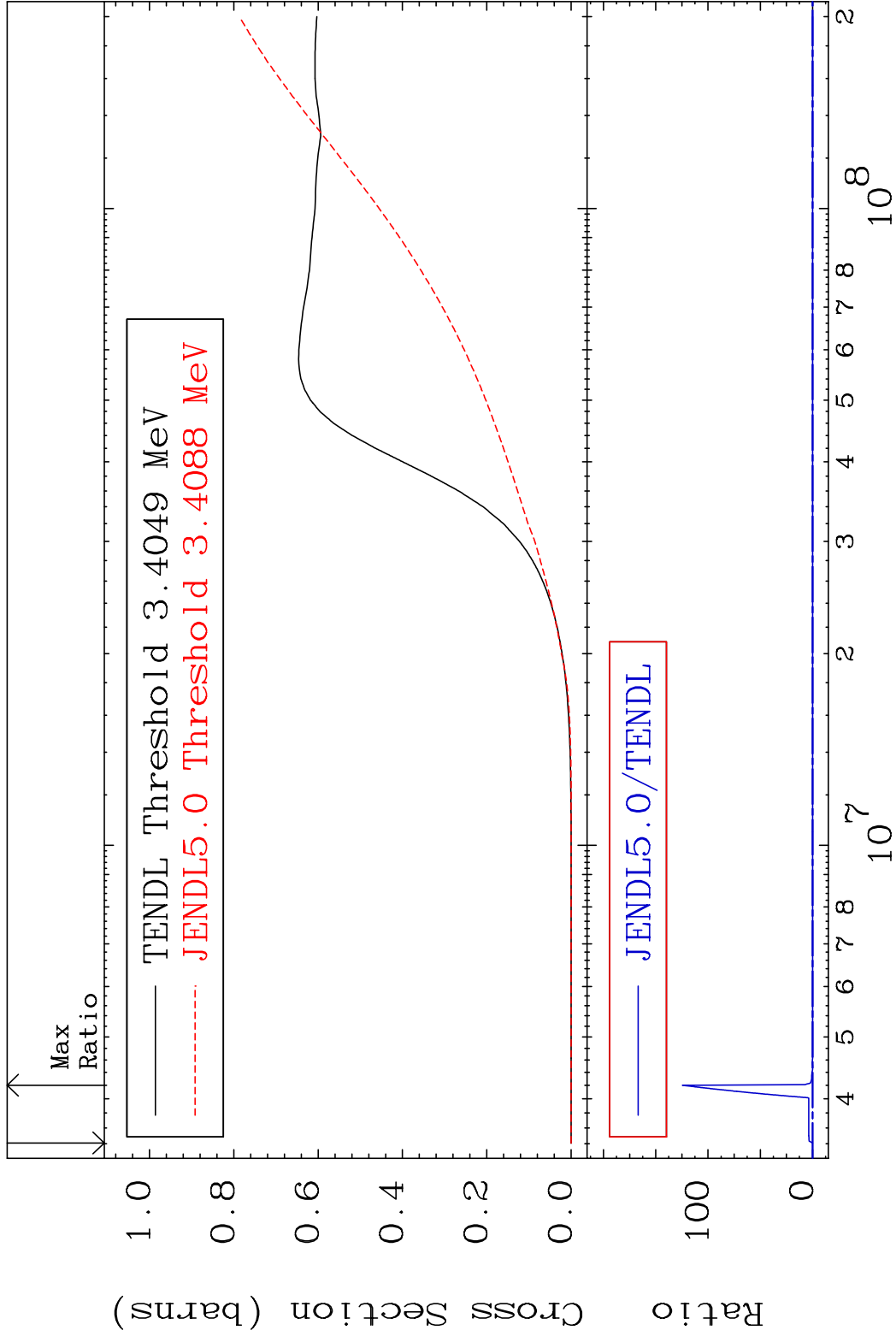


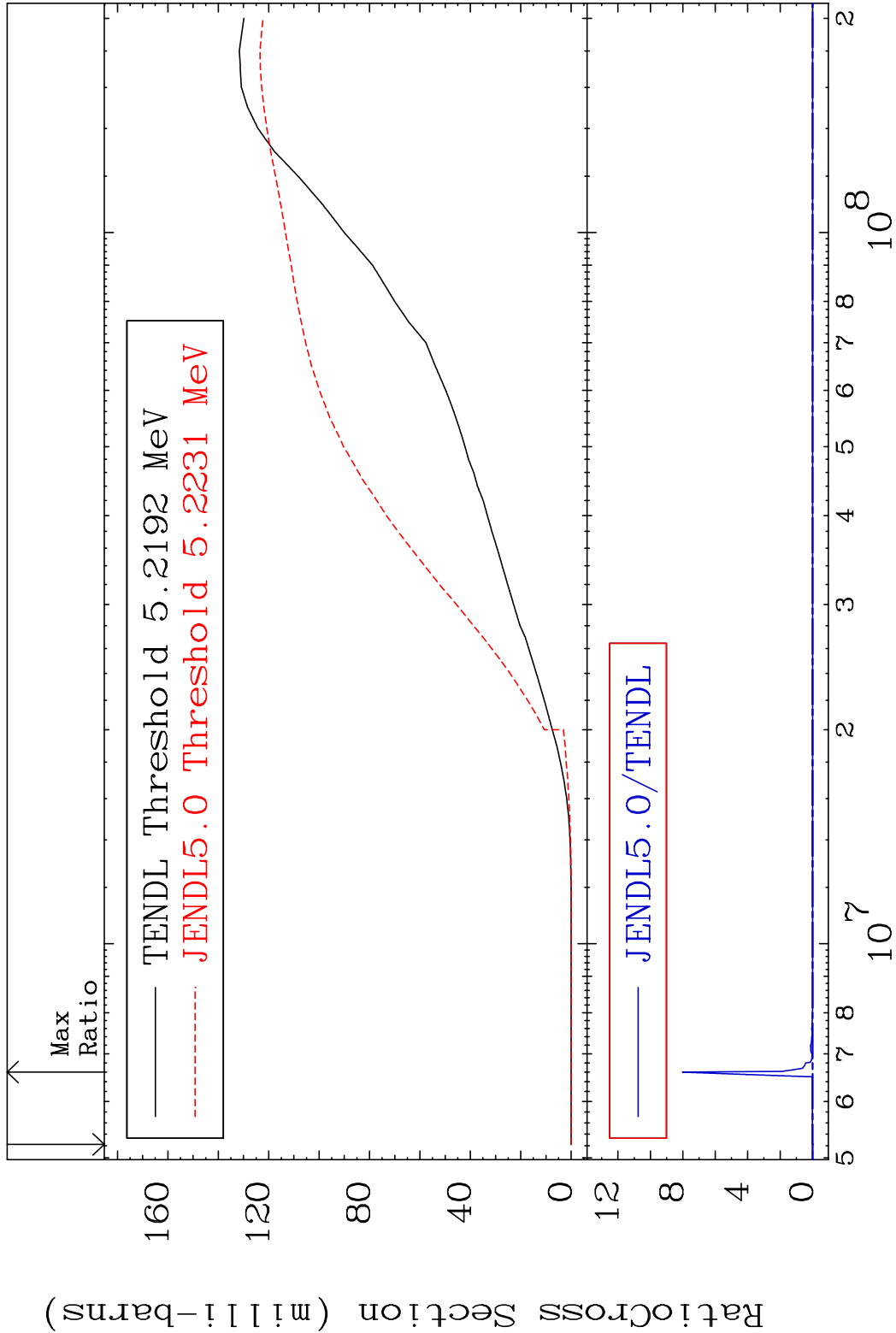


41

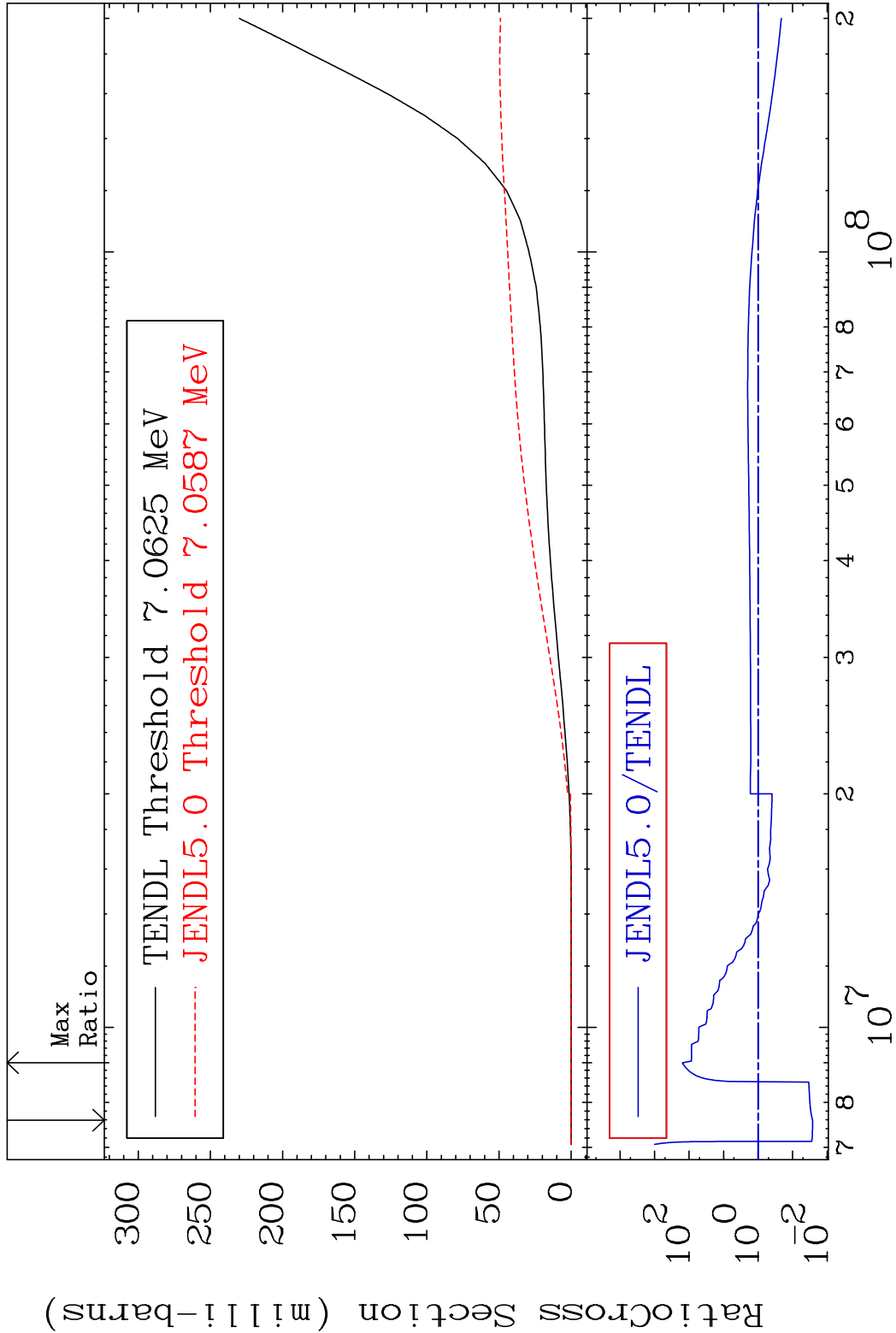
55-Cs-137



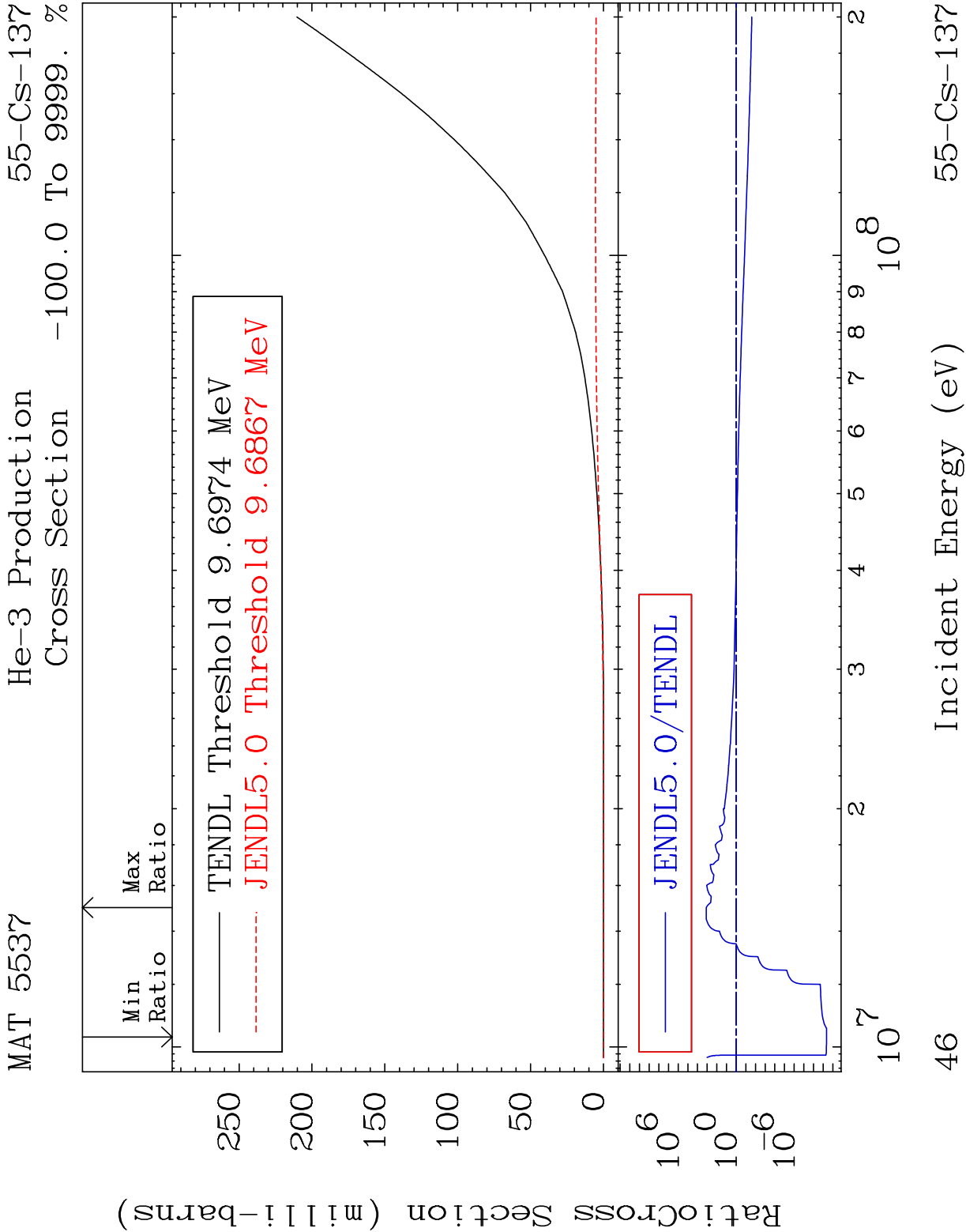




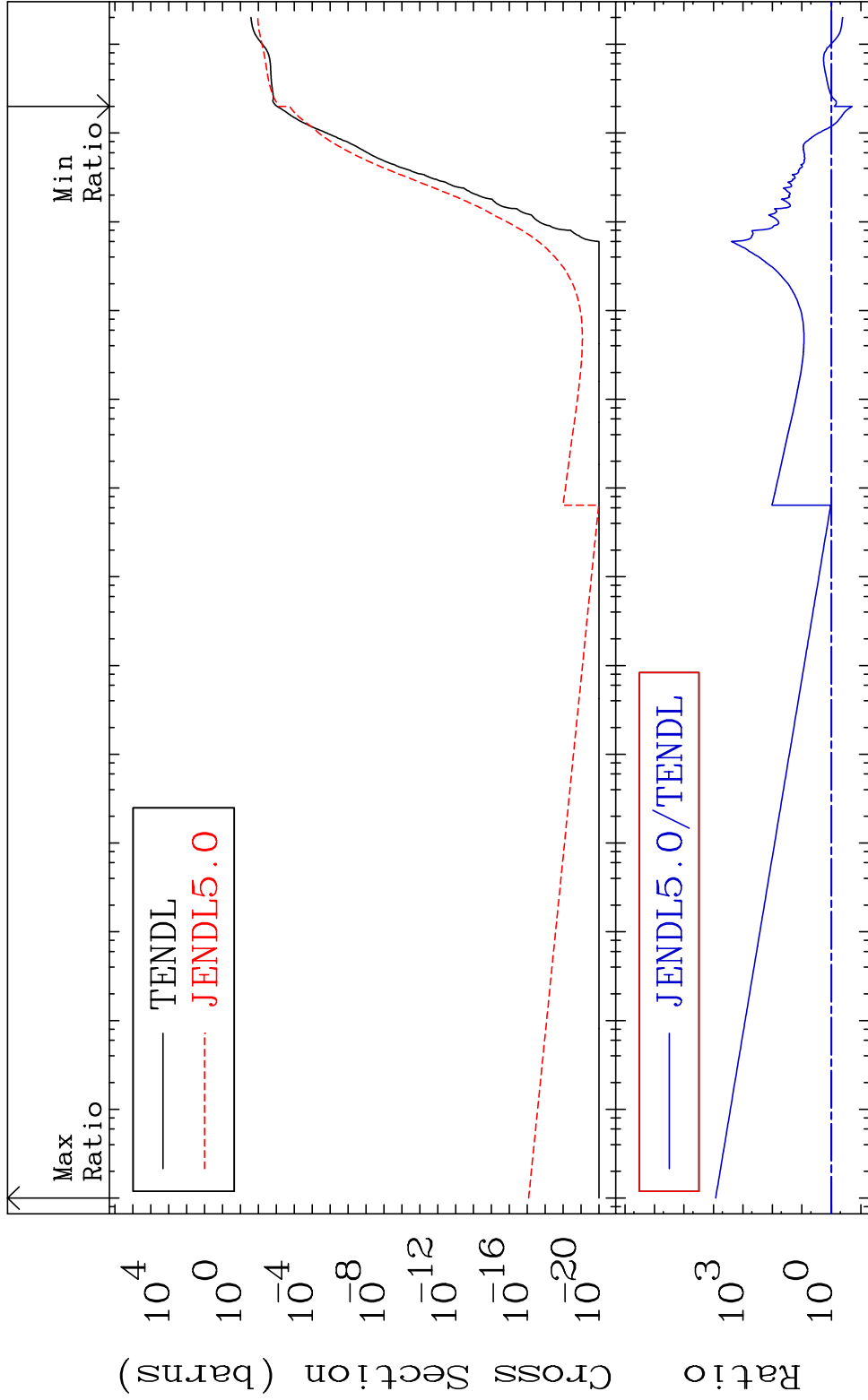
MAT 5537 Tritium Production 55-Cs-137
Cross Section -97.35 To 9999. %



45 Incident Energy (eV) 55-Cs-137

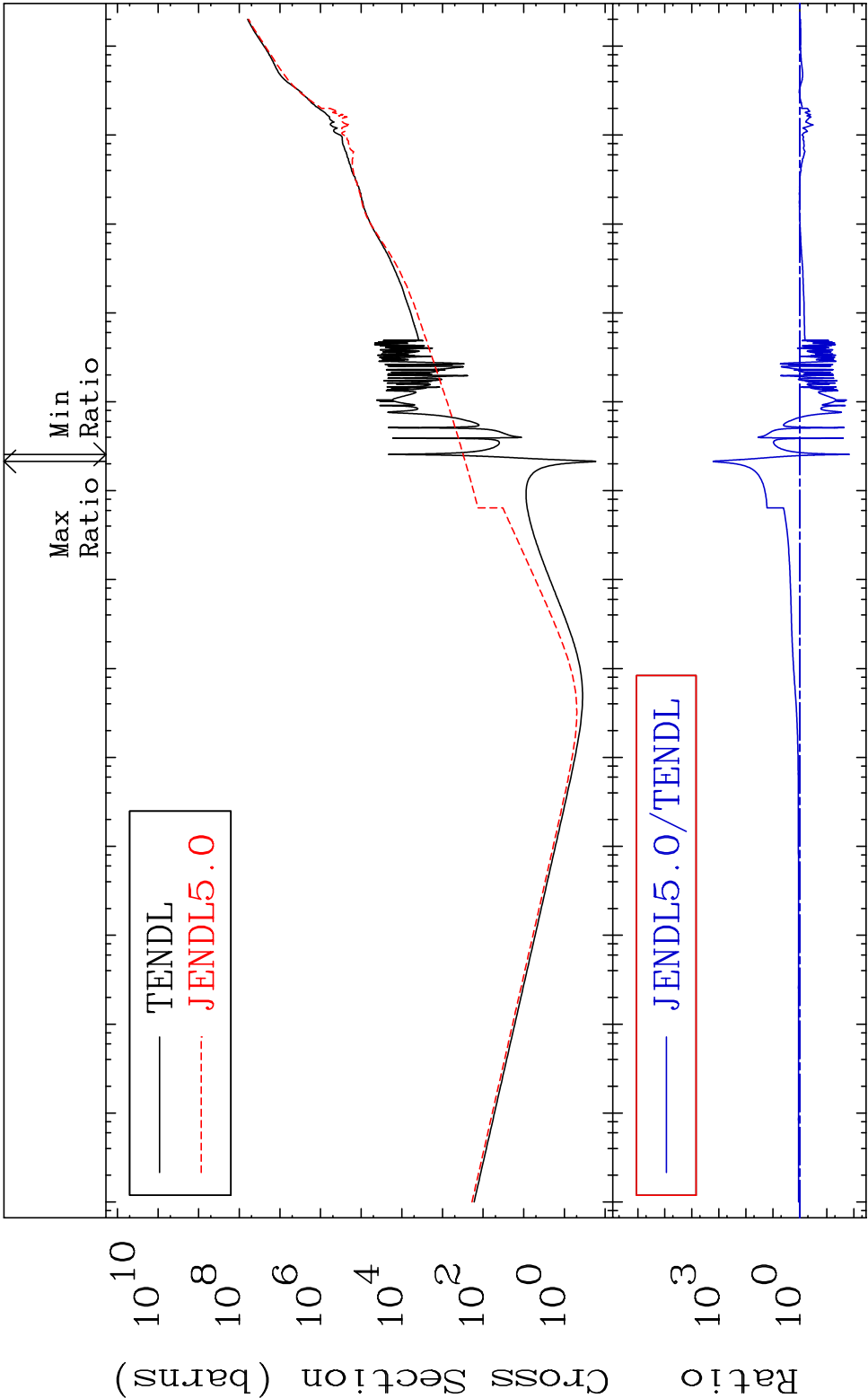


MAT 5537 He-4 Production 55-Cs-137
Cross Section -80.32 To 9999. %



47 Incident Energy (eV) 55-Cs-137

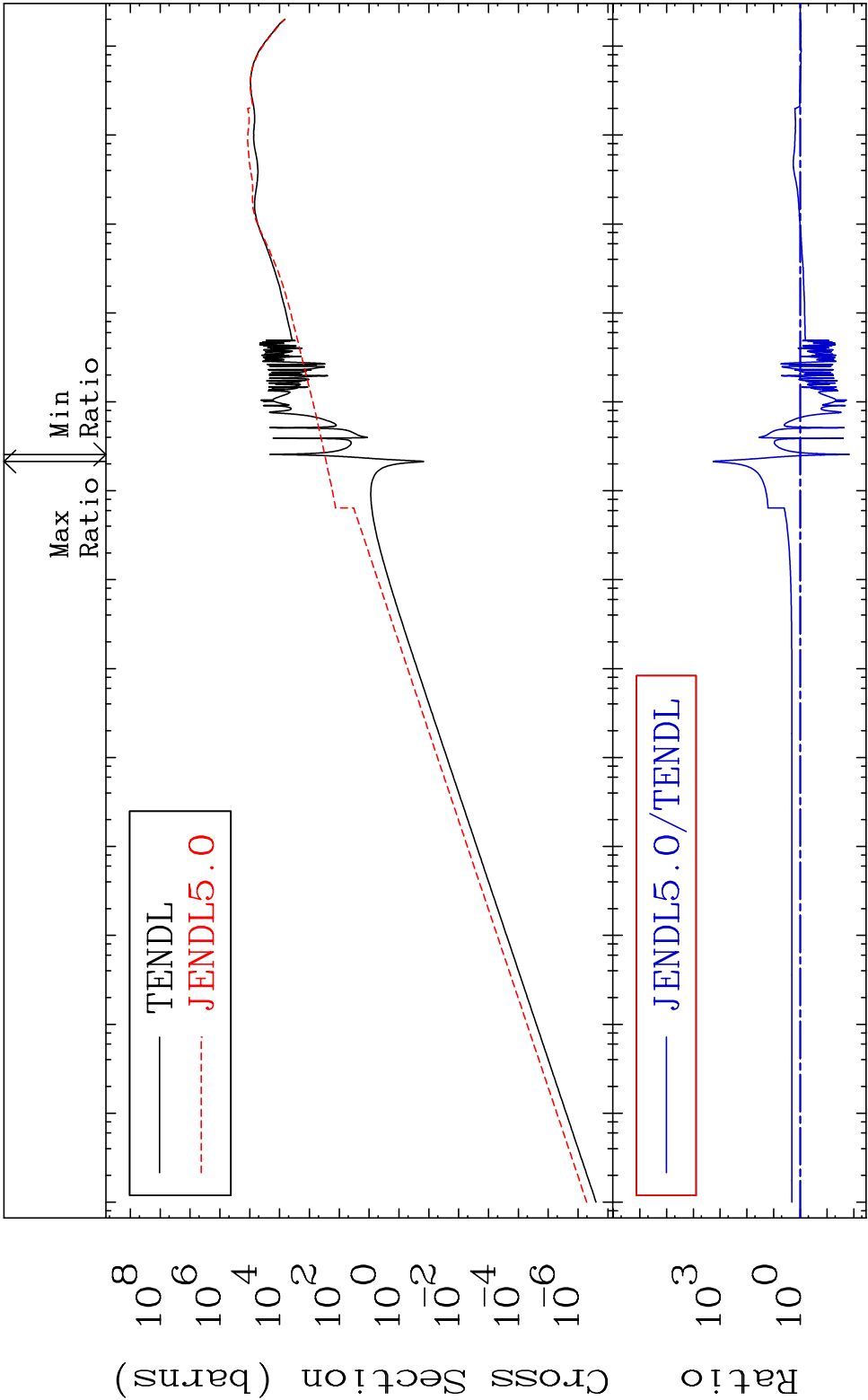
MAT 5537 Kerma total (eV-barns) 55-Cs-137
Cross Section -98.55 To 9999. %



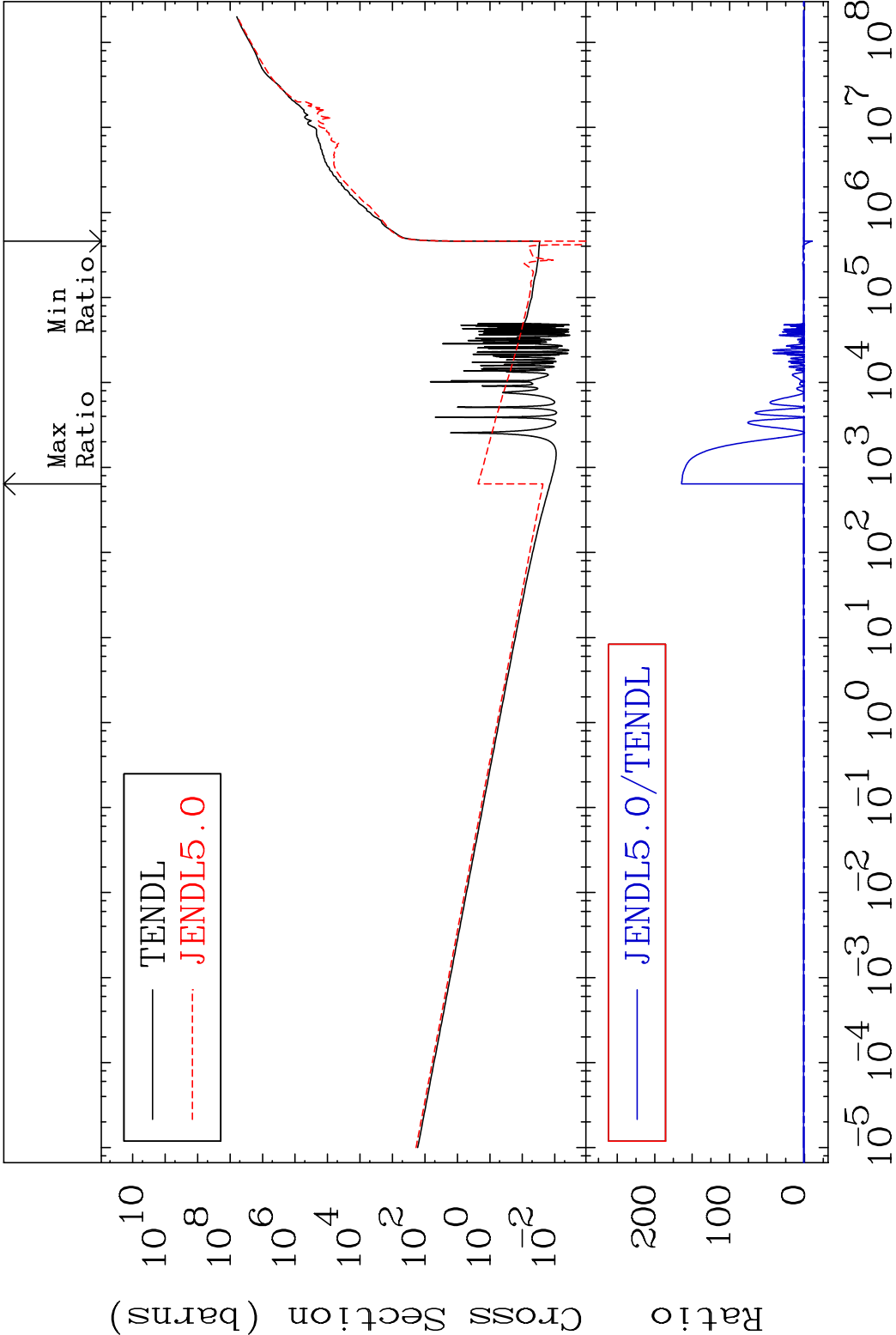
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

48 Incident Energy (eV) 55-Cs-137

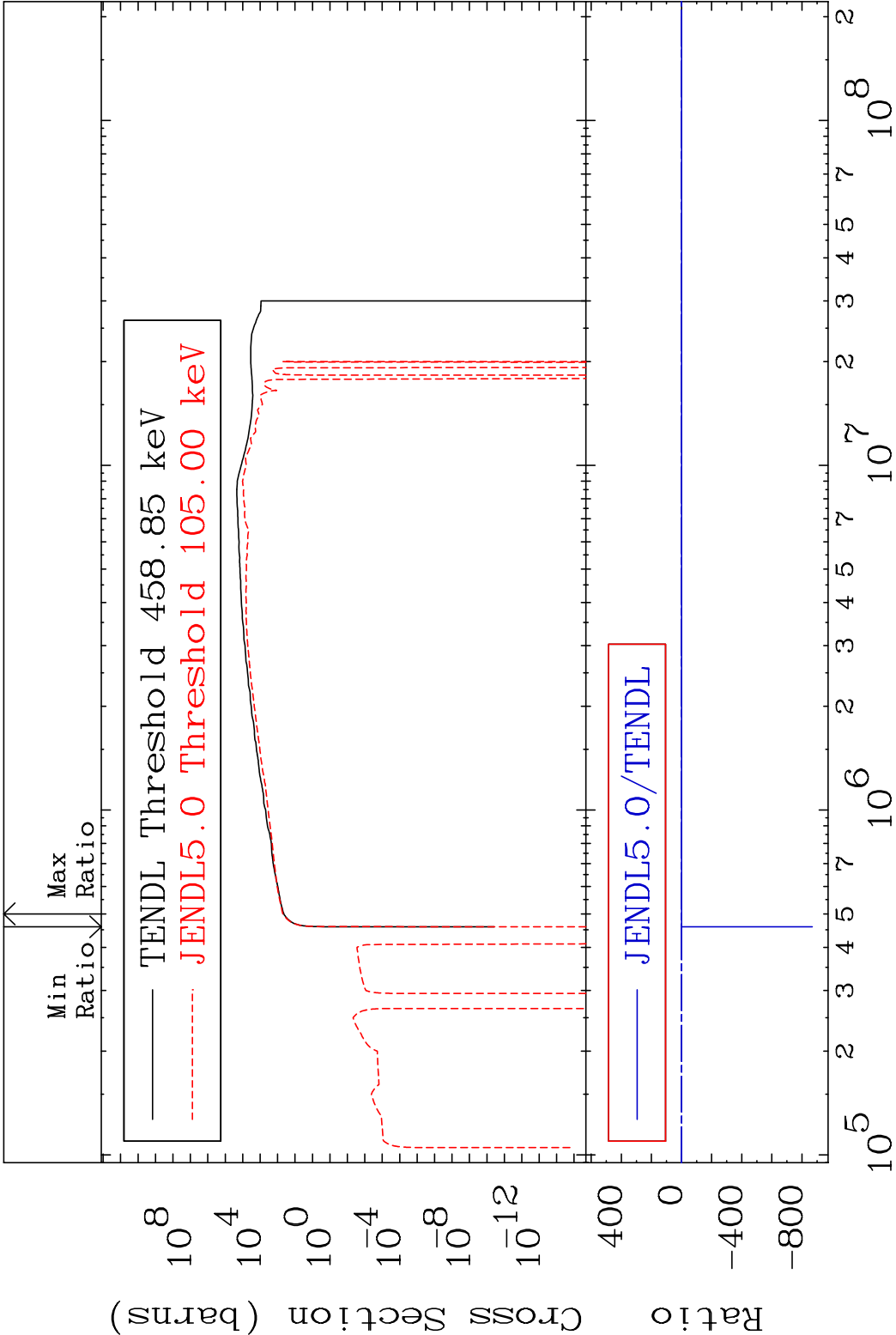
MAT 5537	Kerma elastic	55-Cs-137
	Cross Section	-98.55 To 9999. %



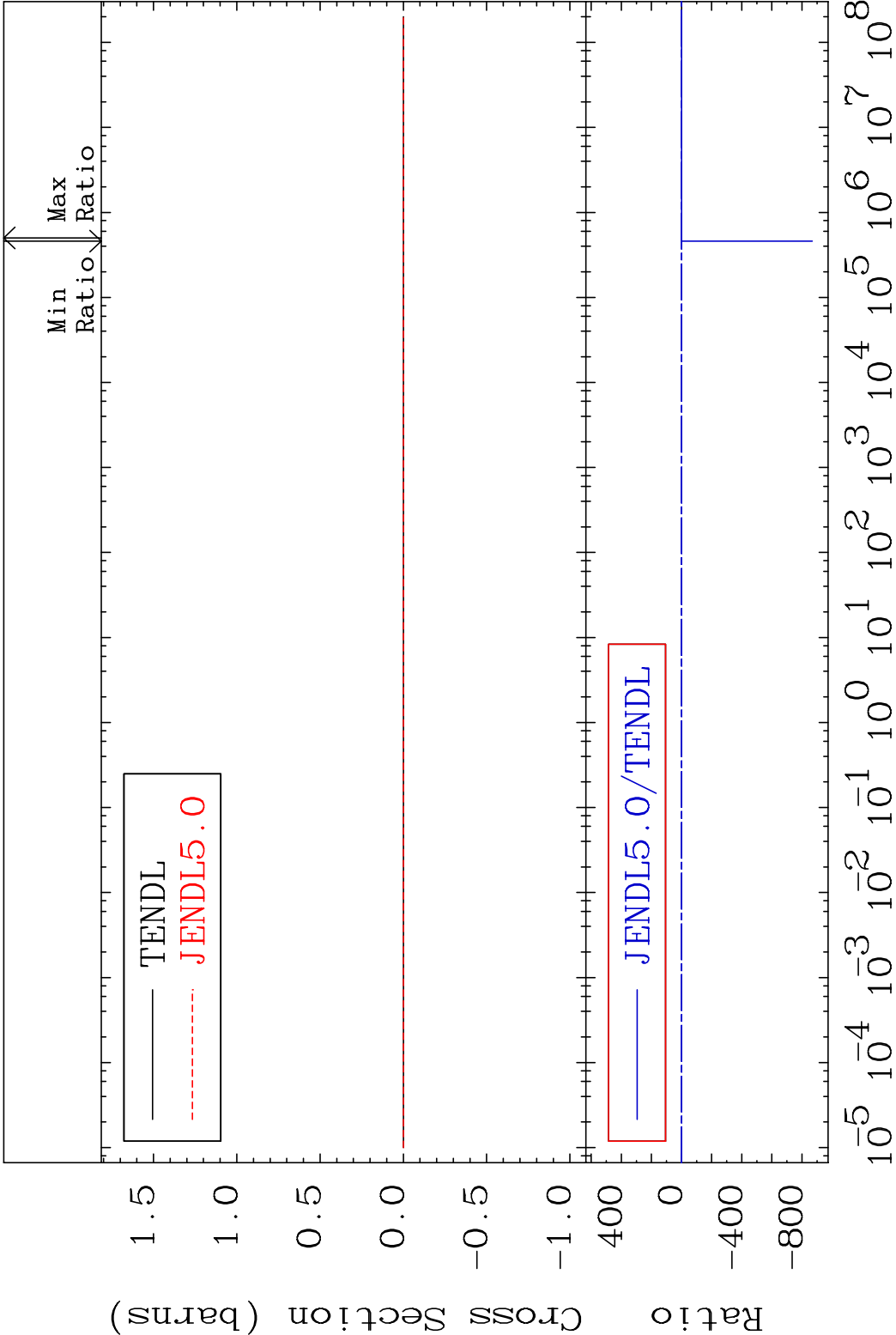
MAT 5537 Kerma non-elastic (all but mt2) 55-Cs-137
Cross Section -1129. To 9999. %

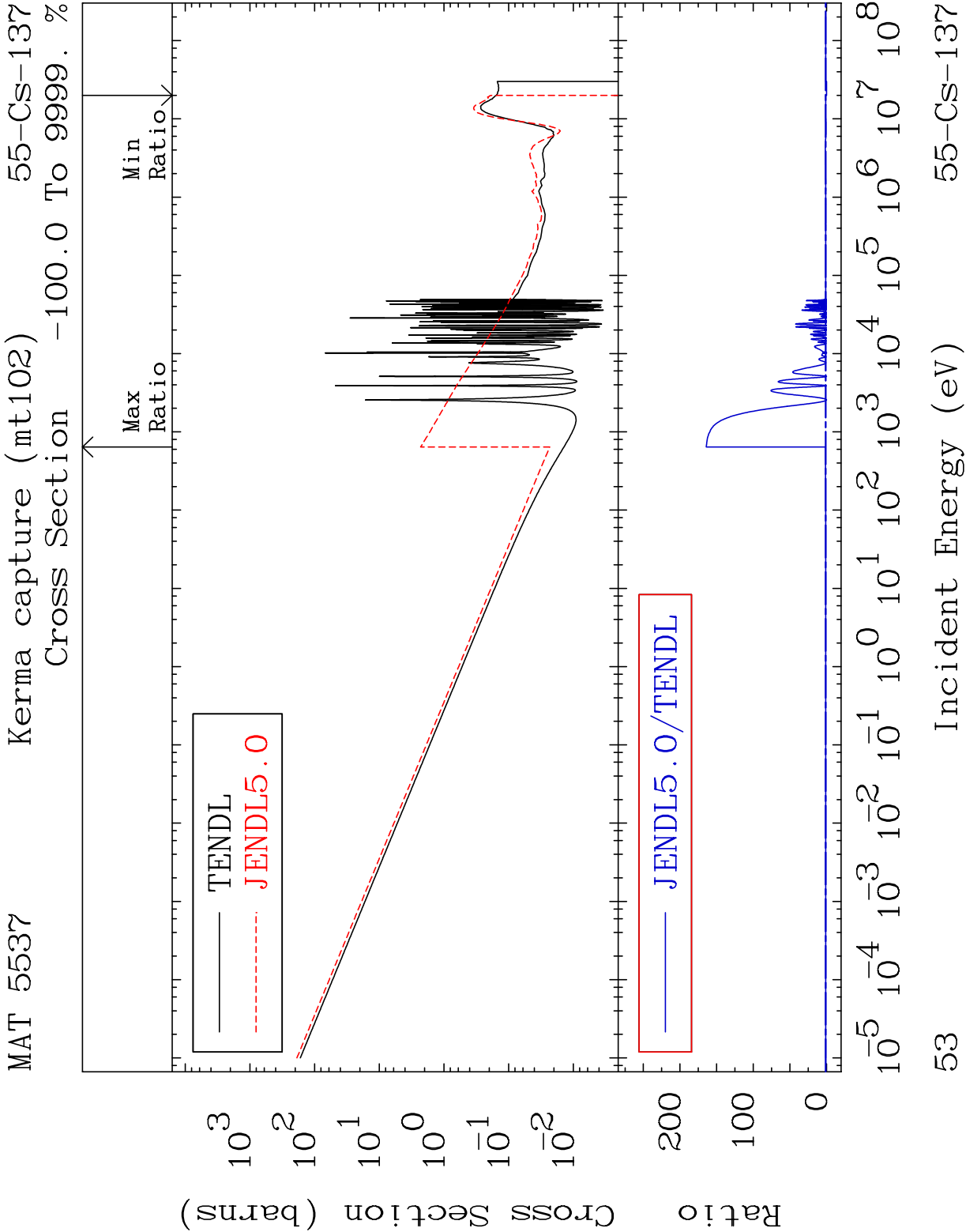


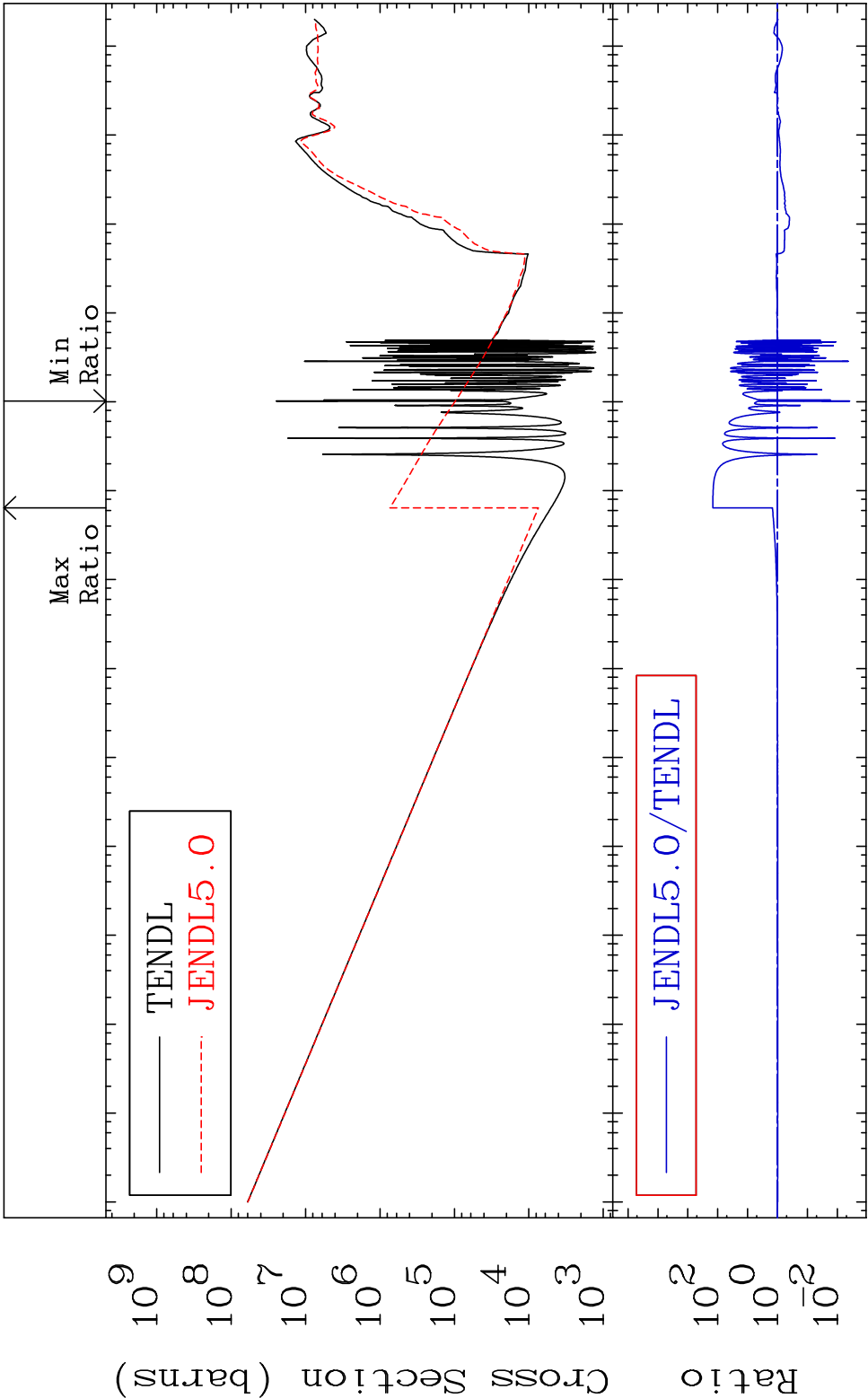
50 Incident Energy (eV) 55-Cs-137



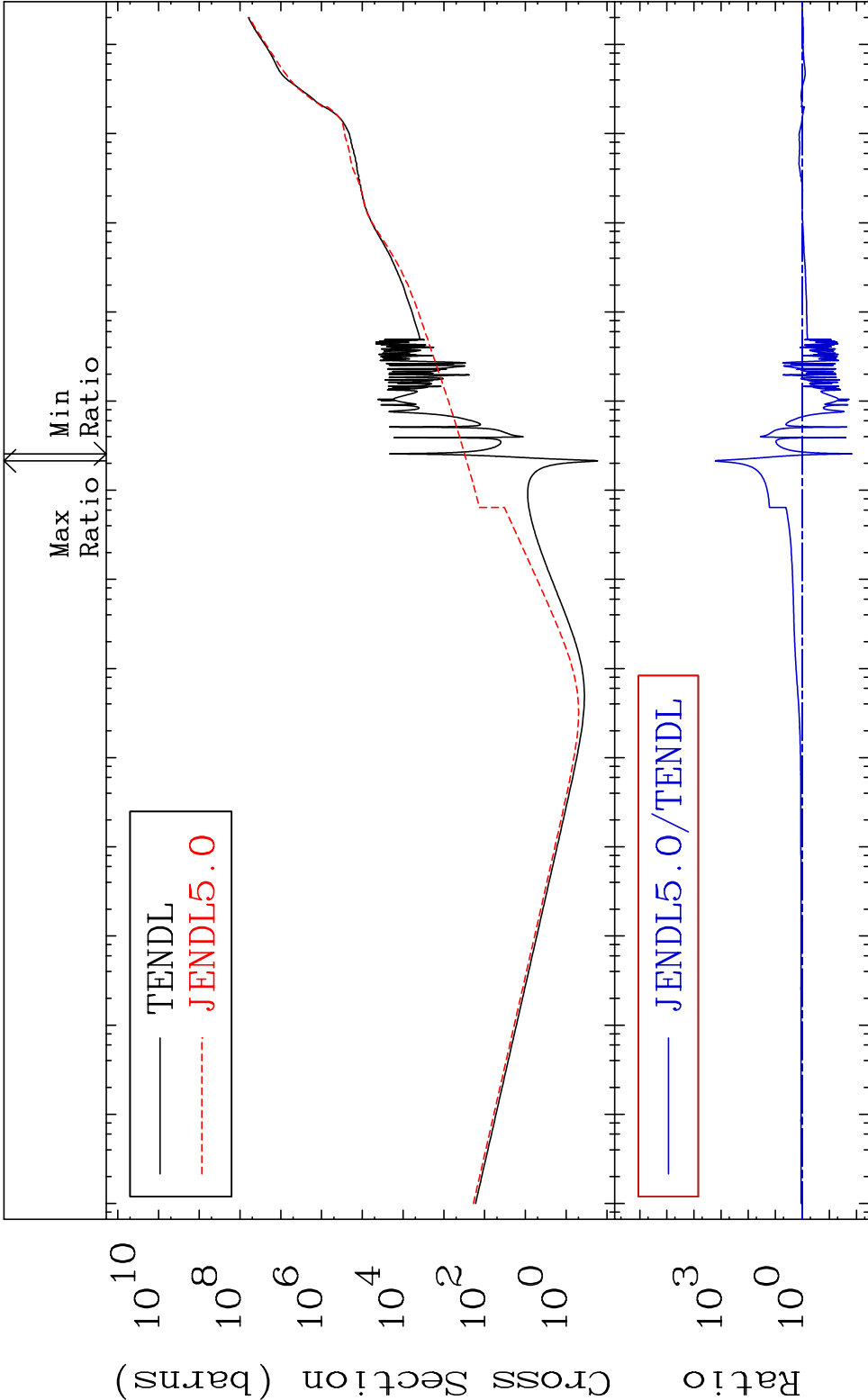
MAT 5537 Kerma fission (mt18 or mt19-20-21-38)55-Cs-137
Cross Section -9999. To 12.00 %





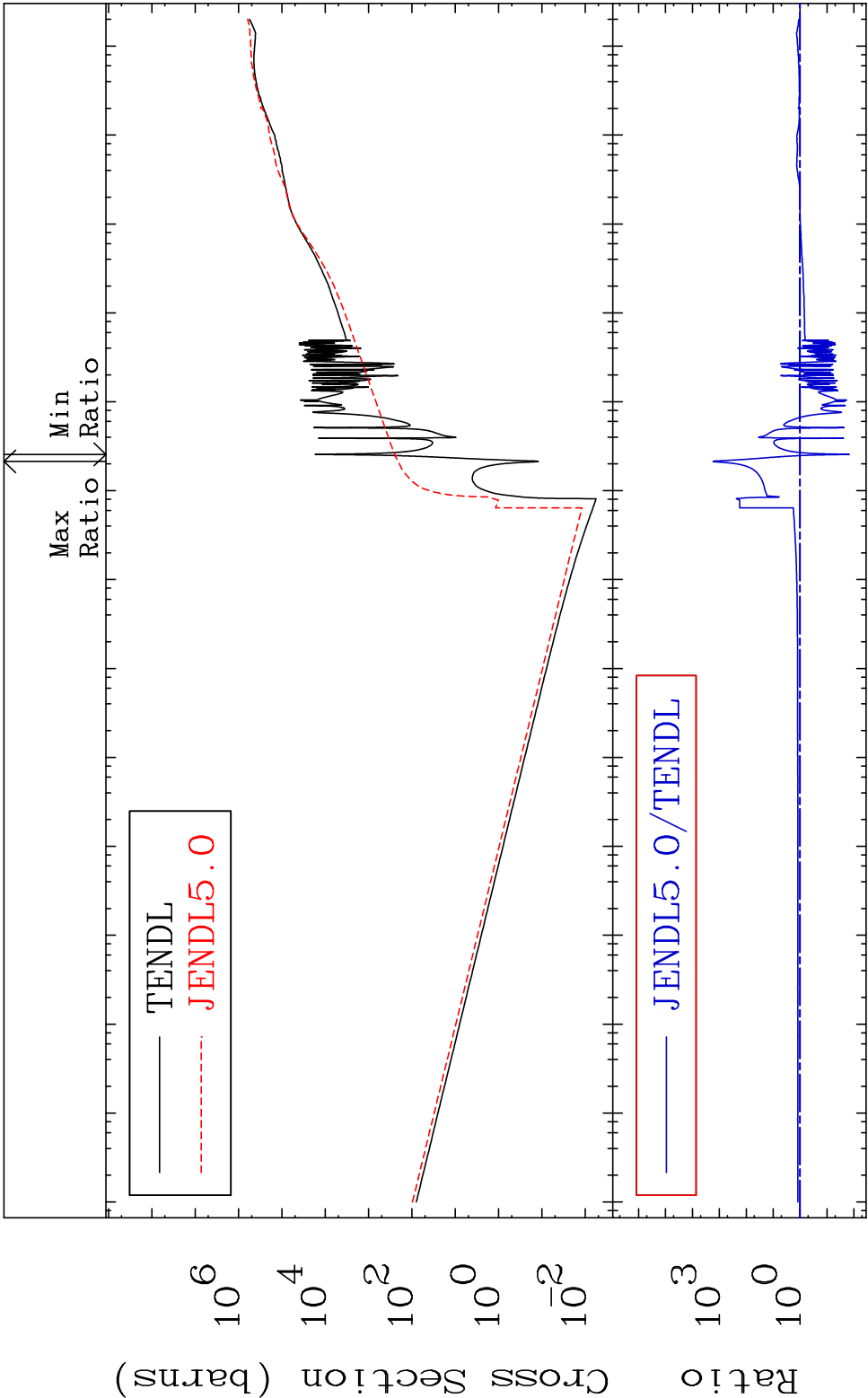


MAT 5537 Total kinematic kerma (high limit) 55-Cs-137
Cross Section -98.55 To 9999. %

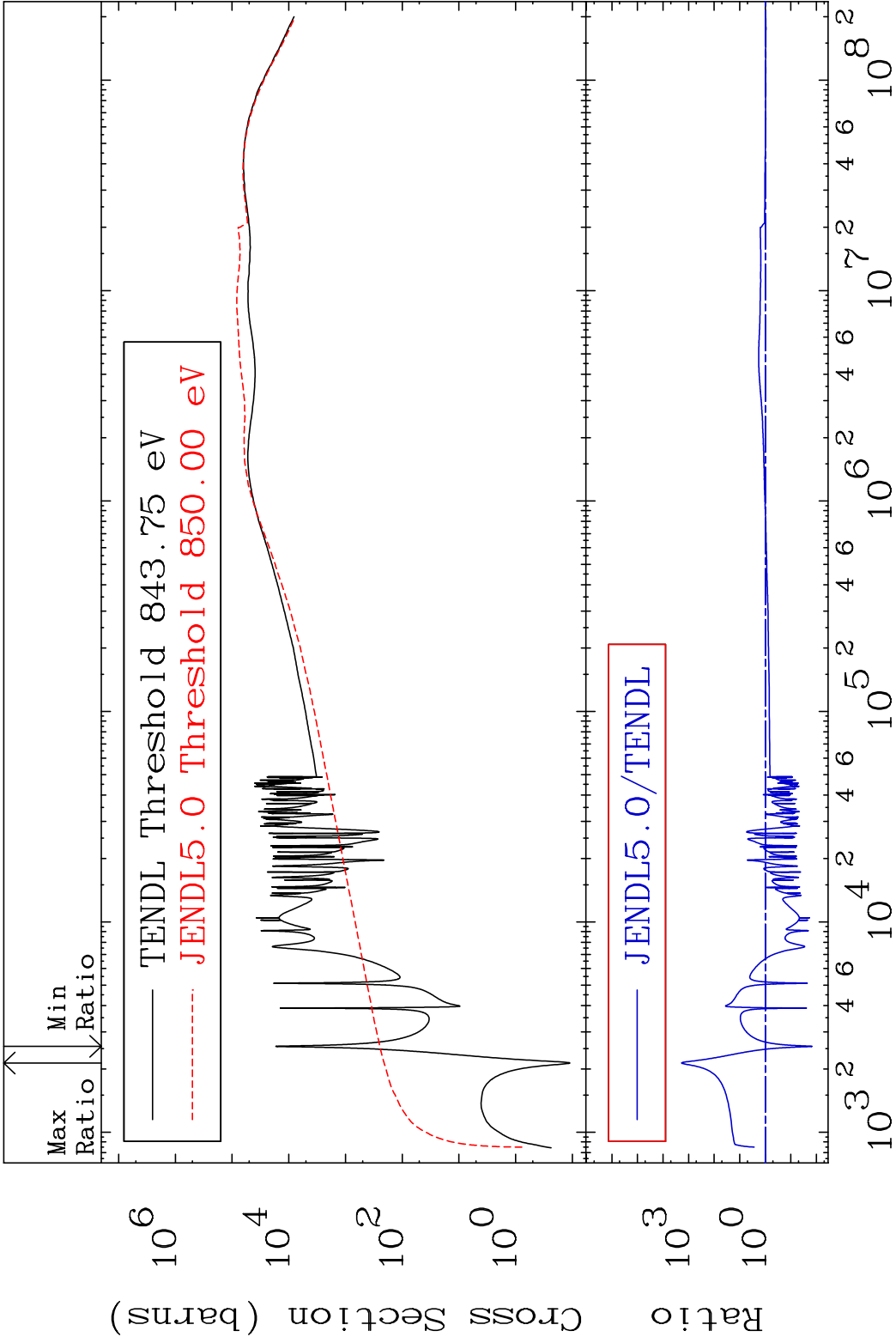


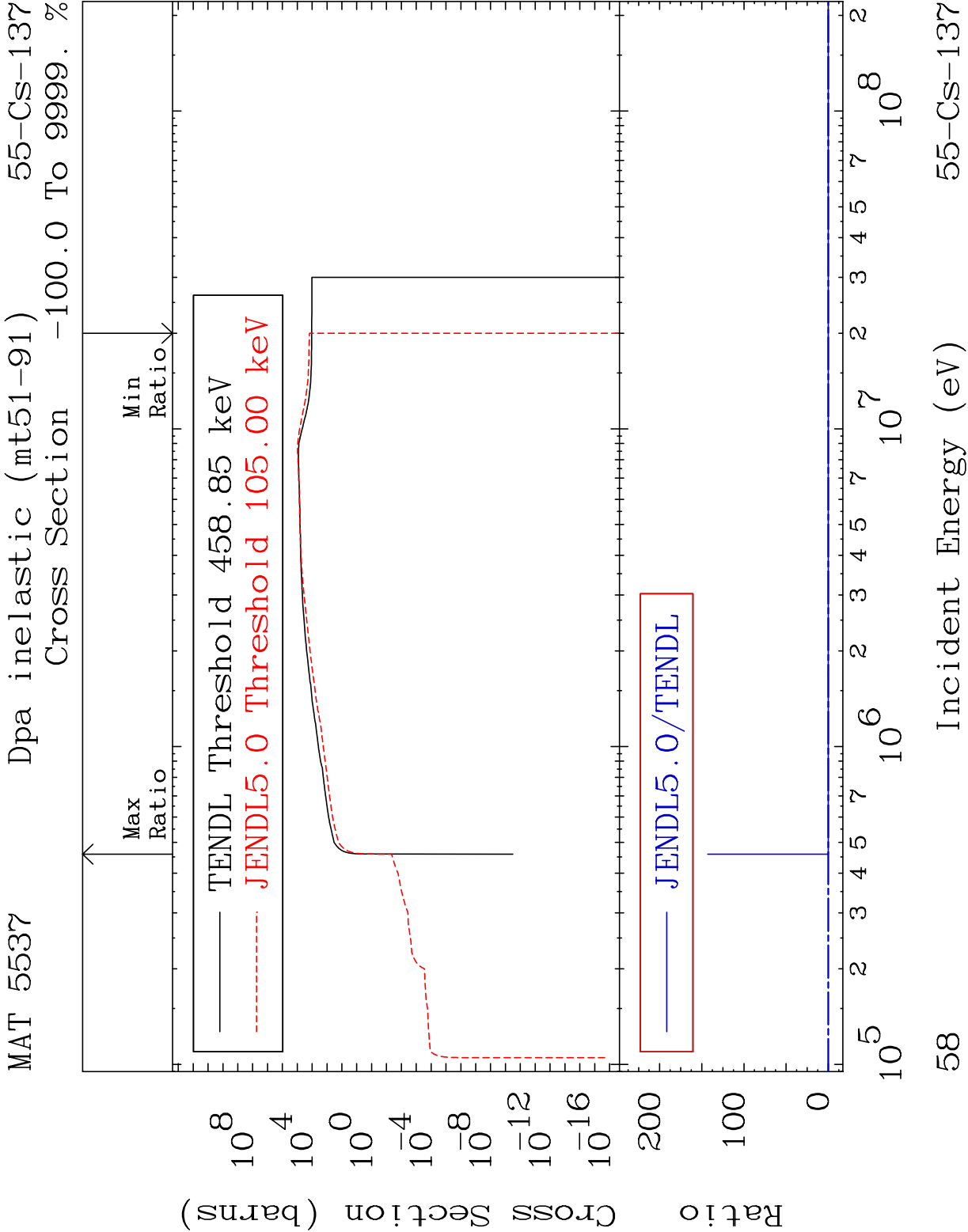
55 Incident Energy (eV) 55-Cs-137

MAT 5537 Dpa total (eV-barns) 55-Cs-137
Cross Section -98.54 To 9999. %

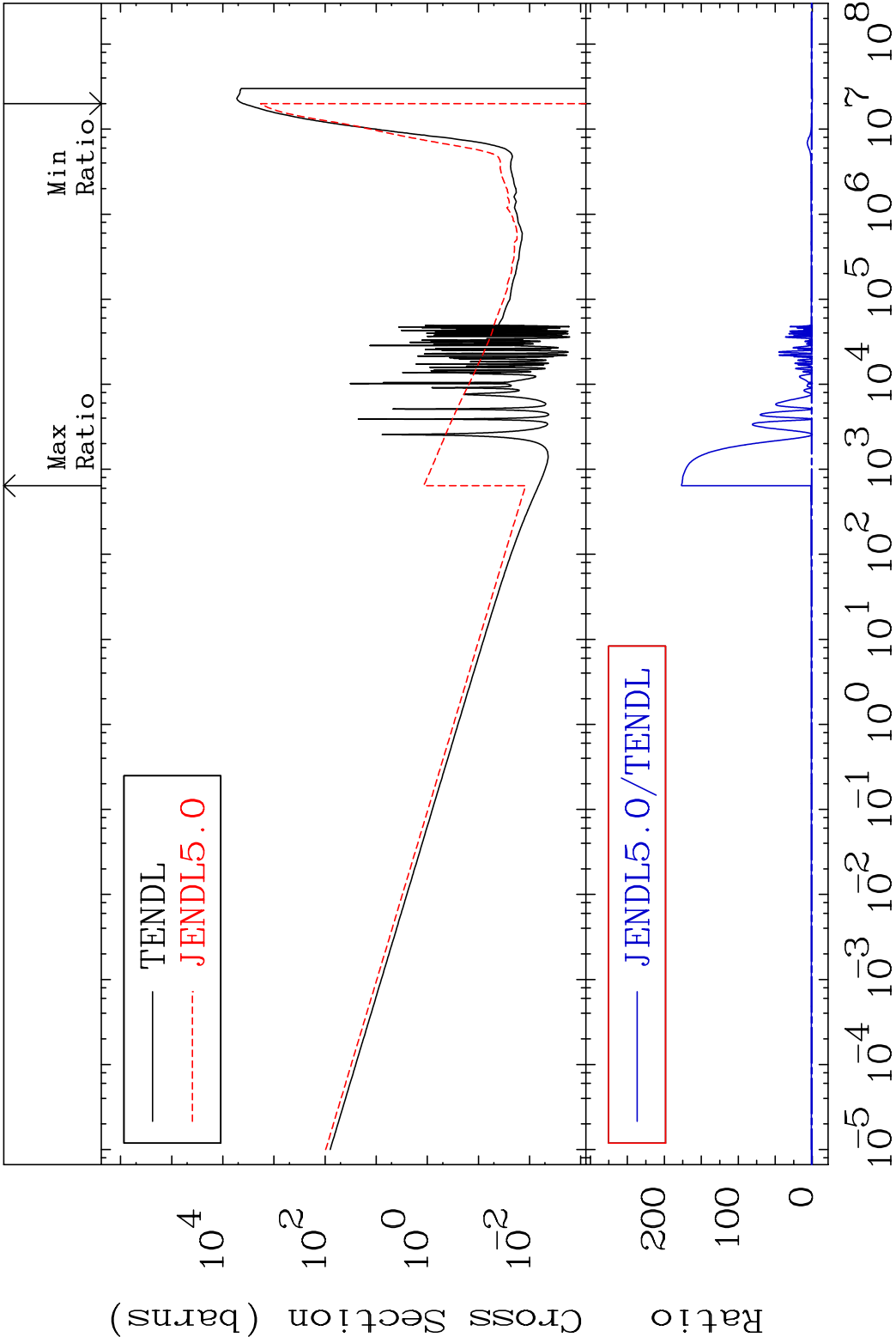


MAT 5537 Dpa elastic (mt2) 55-Cs-137
Cross Section -98.54 To 9999. %



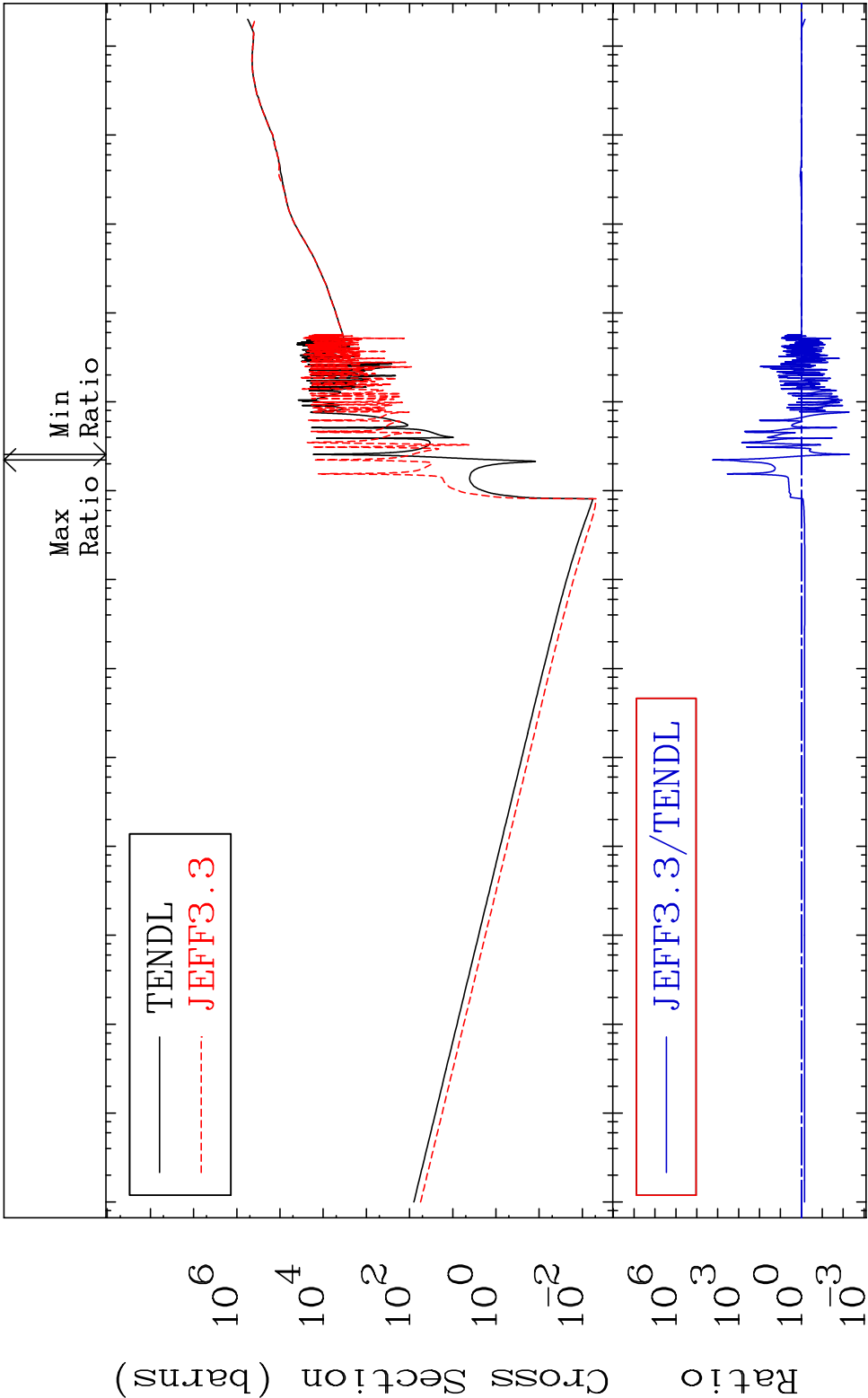


MAT 5537 Dpa disappearance (mt102 -120) 55-Cs-137
Cross Section -100.0 To 9999. %



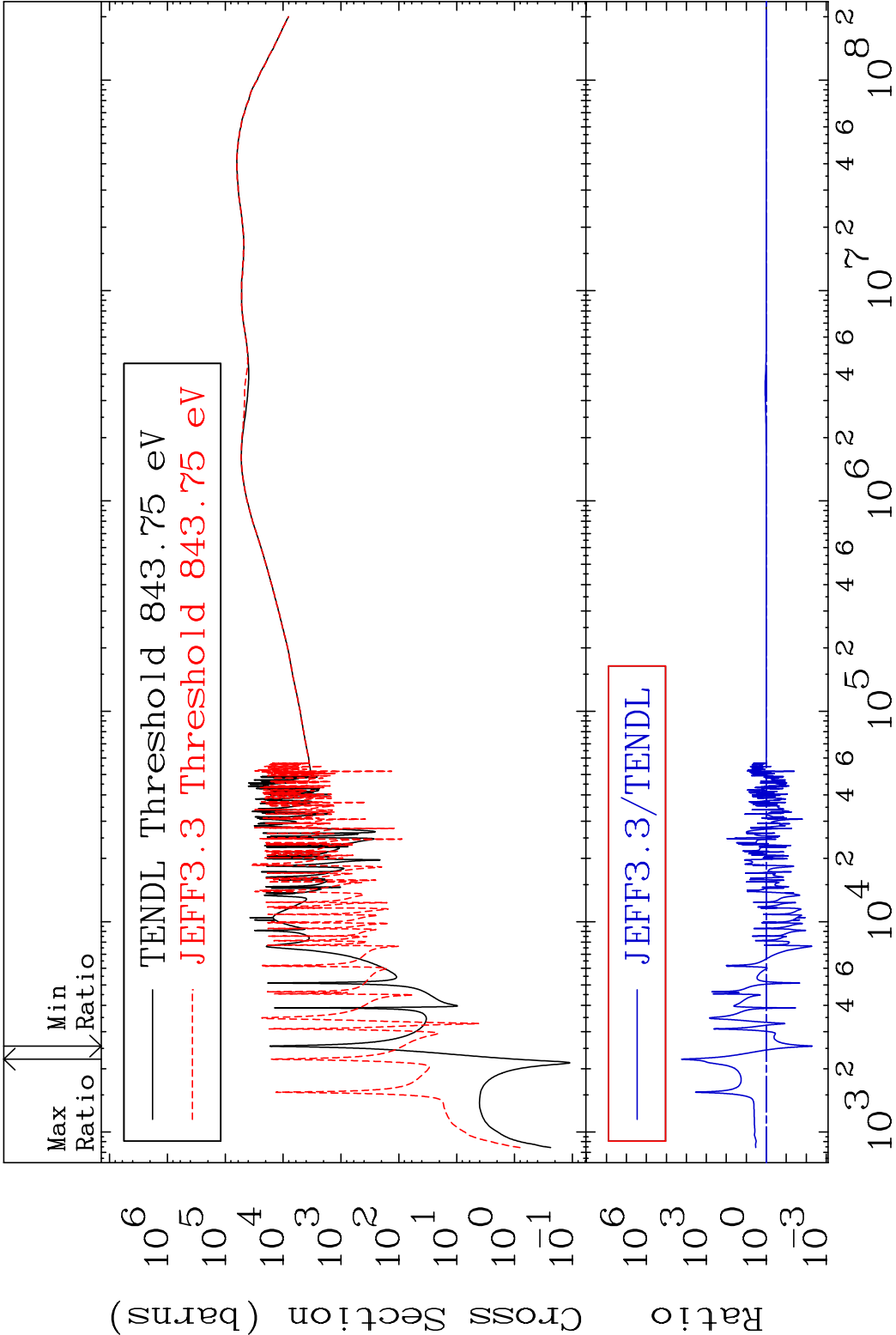
59 Incident Energy (eV) 55-Cs-137

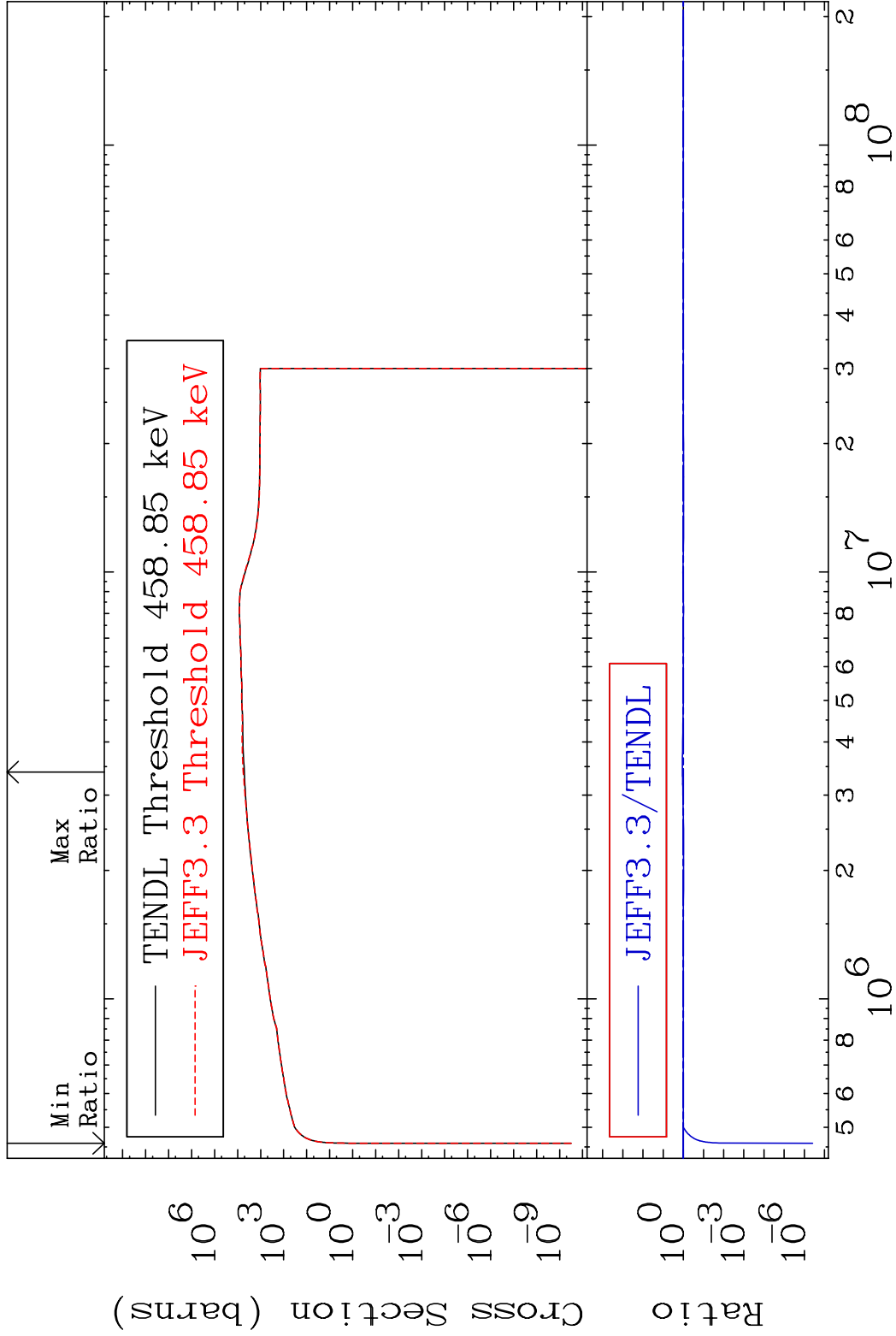
MAT 5537	Dpa total (eV-barns)	55-Cs-137
	Cross Section	-99.50 To 9999. %



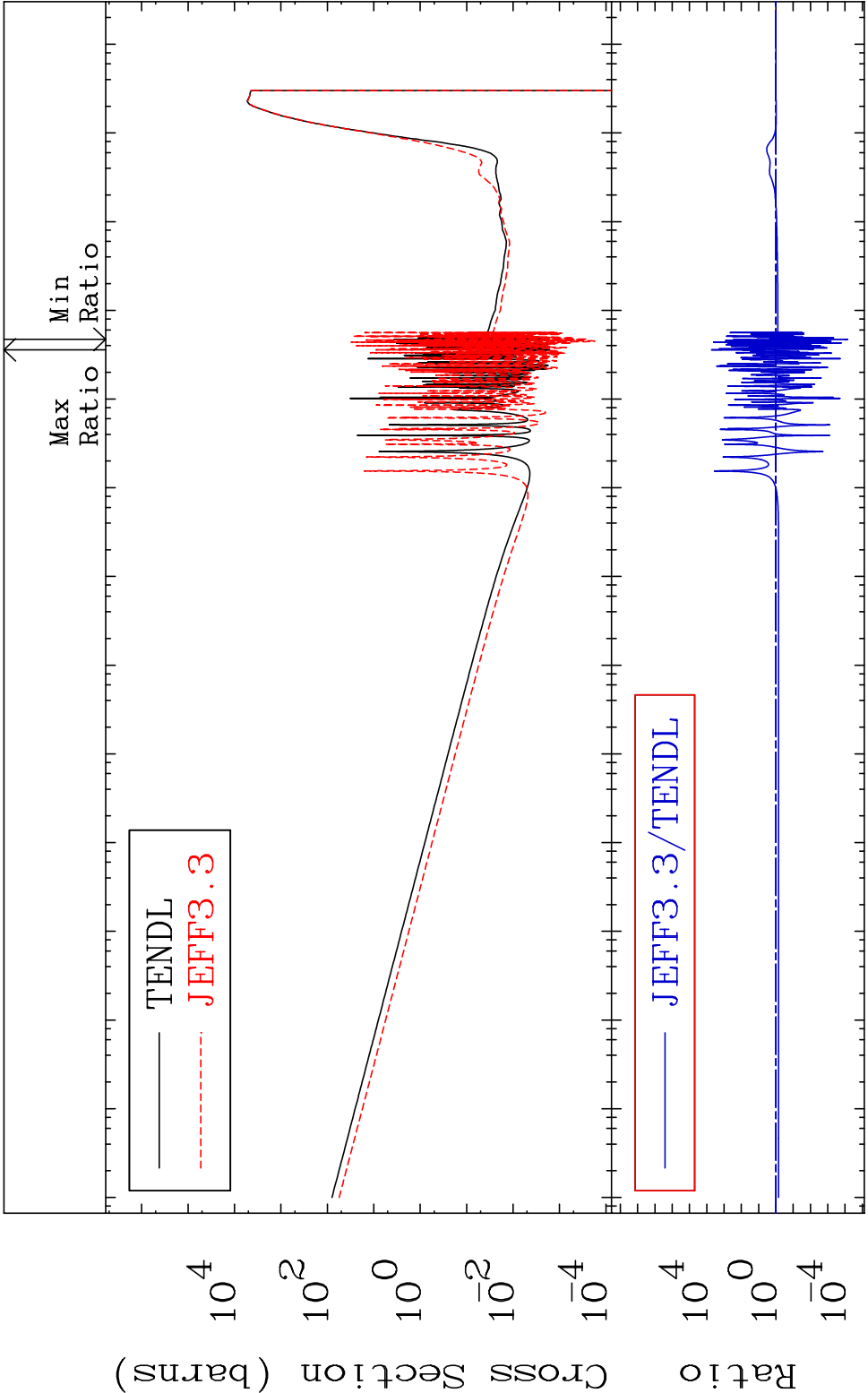
60	Incident Energy (eV)	55-Cs-137
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MAT 5537	Dpa elastic (mt2)	55-Cs-137
	Cross Section	-99.50 To 9999. %





MAT 5537 Dpa disappearance (mt102 -120) 55-Cs-137
Cross Section -99.99 To 9999. %



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

63 Incident Energy (eV) 55-Cs-137

