

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

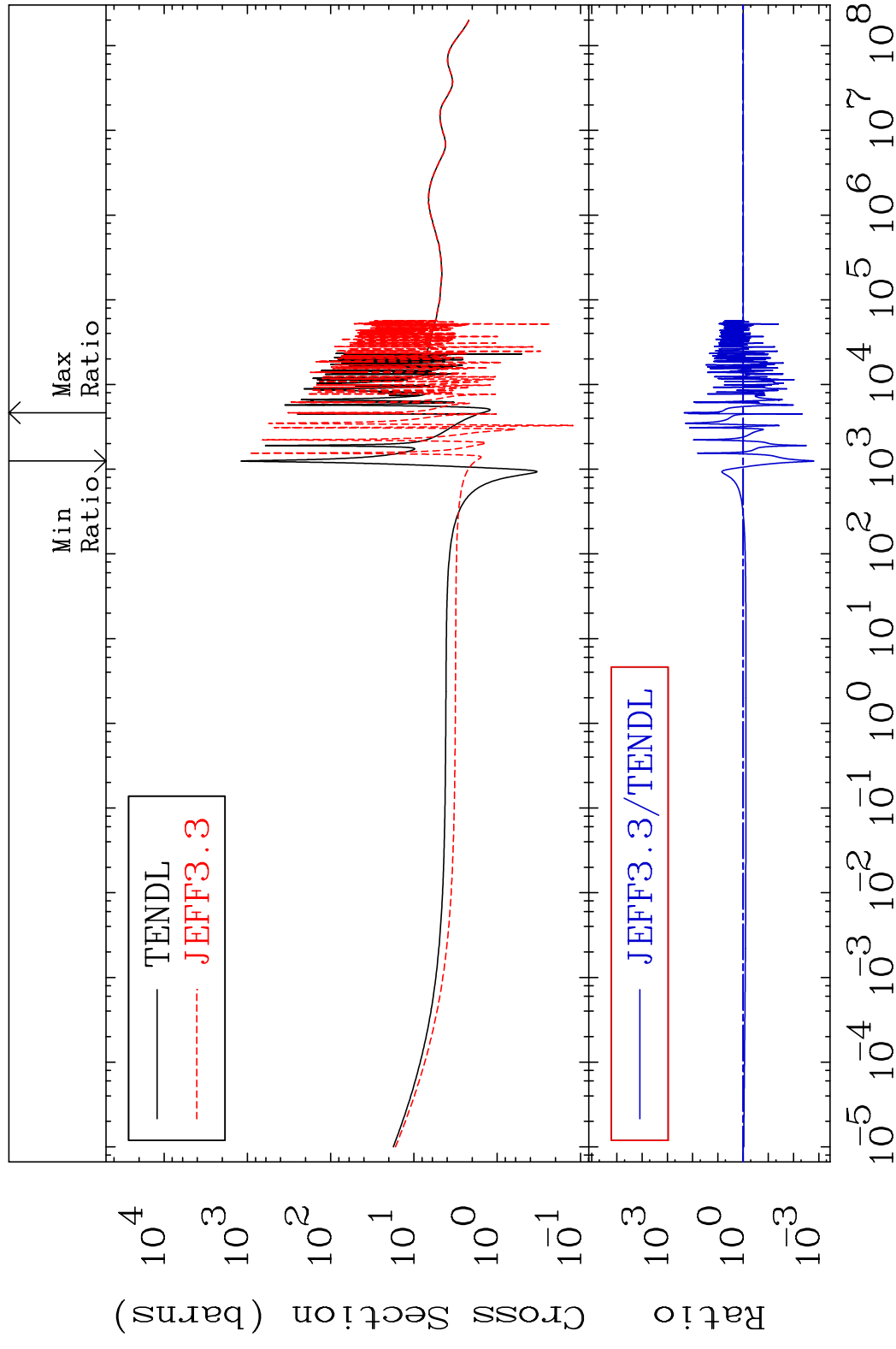
Press Mouse Button to Start

MAT 5537

Total

55-CS-137

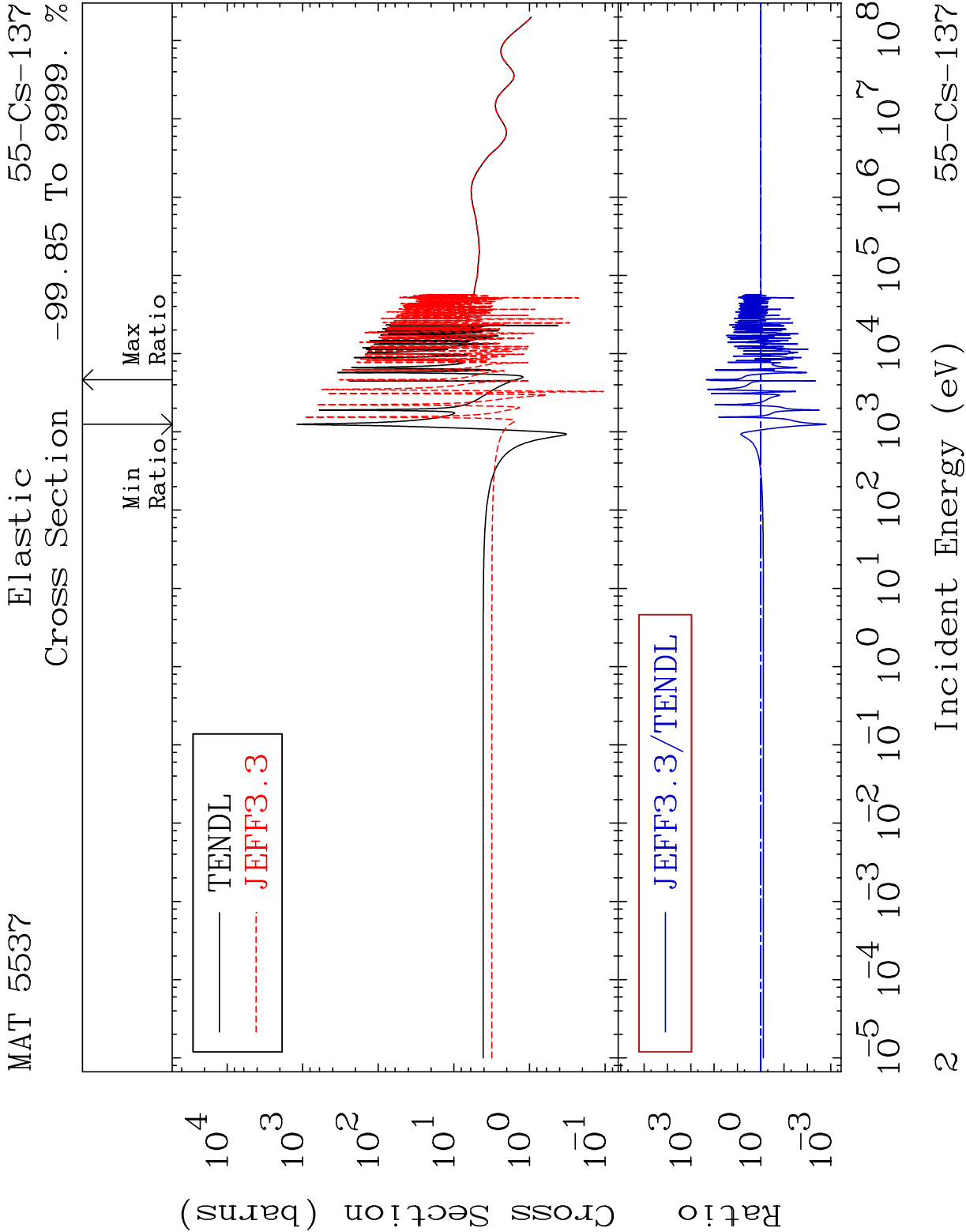
Cross Section -99.85 To 9999. %

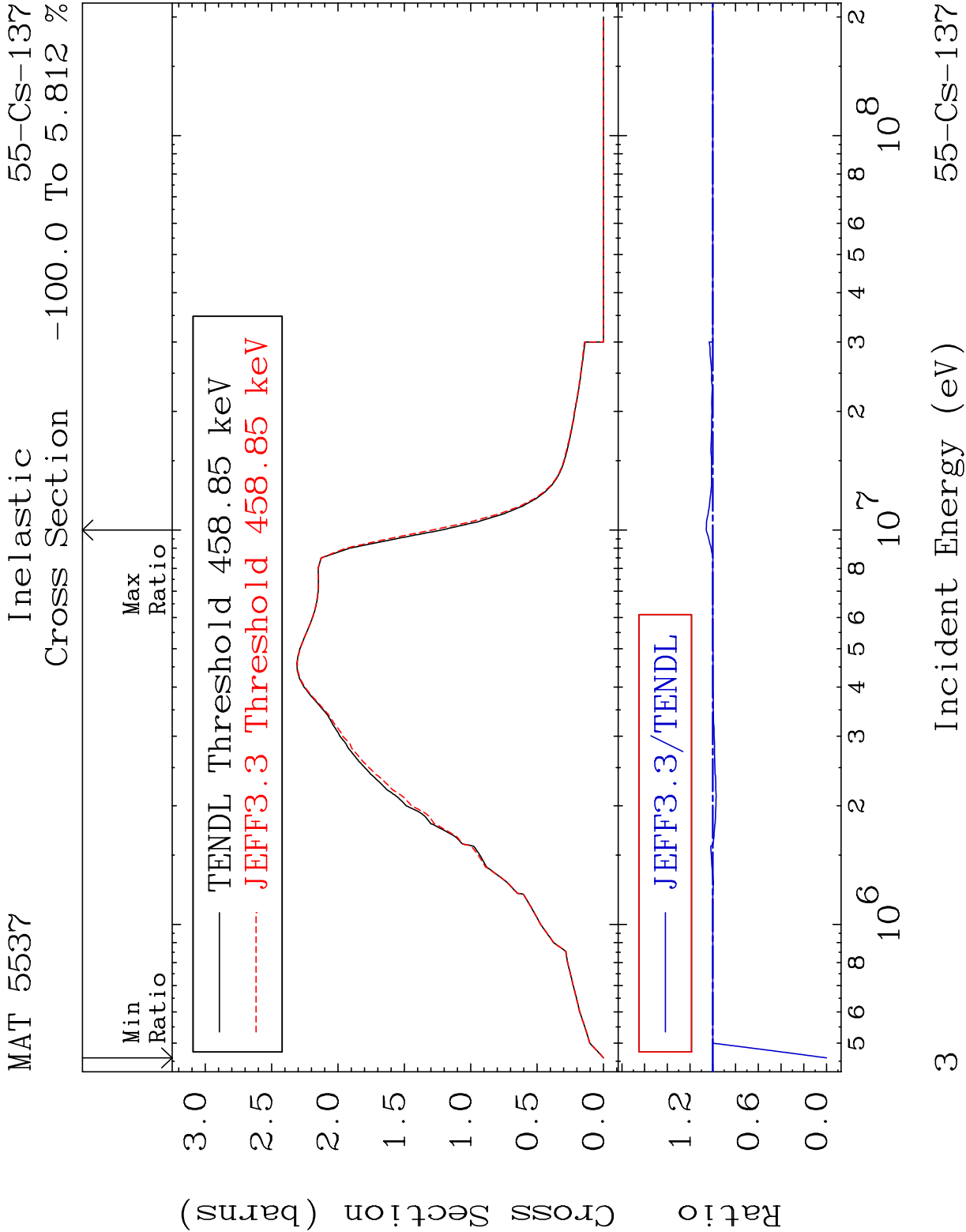


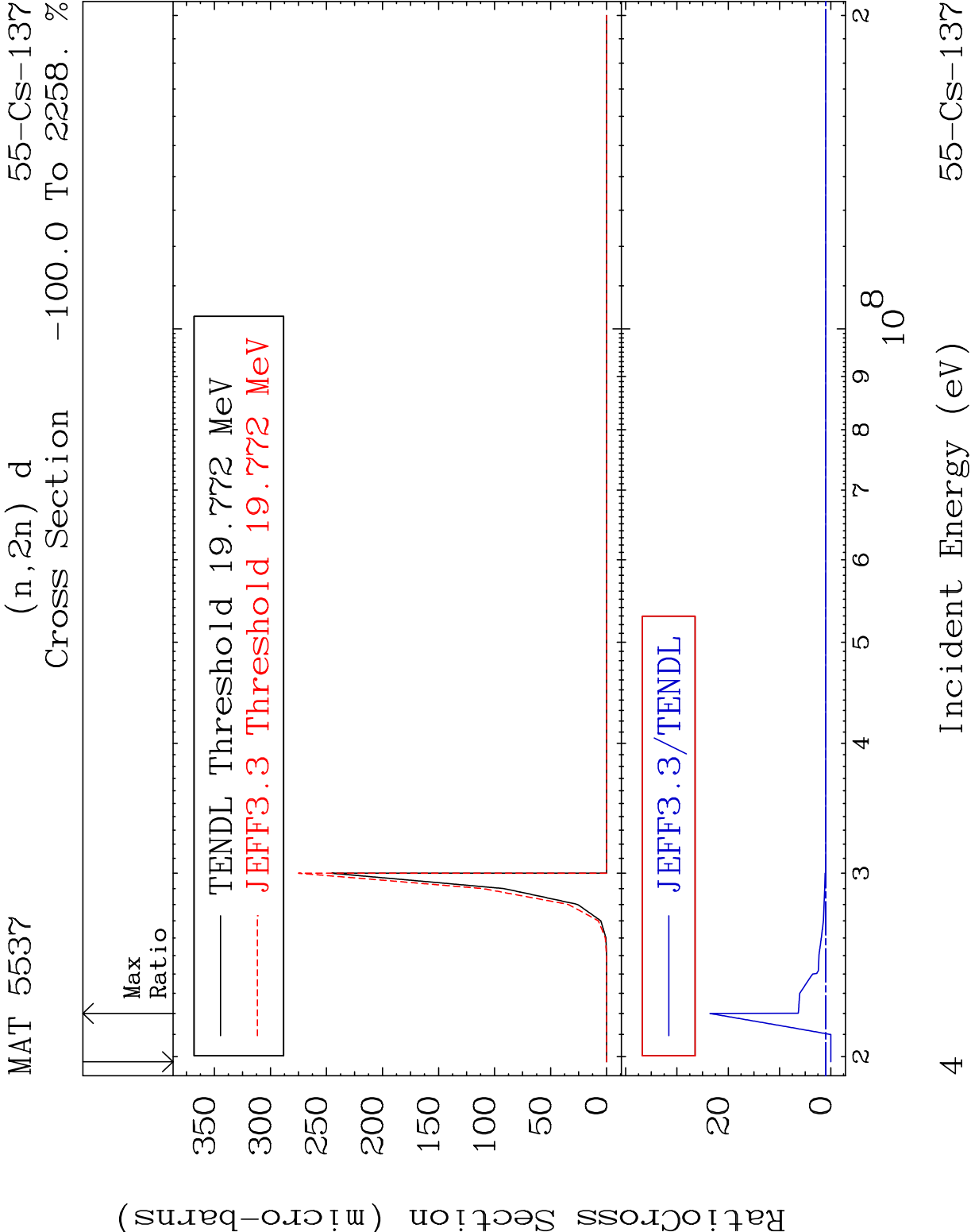
1

Incident Energy (eV)

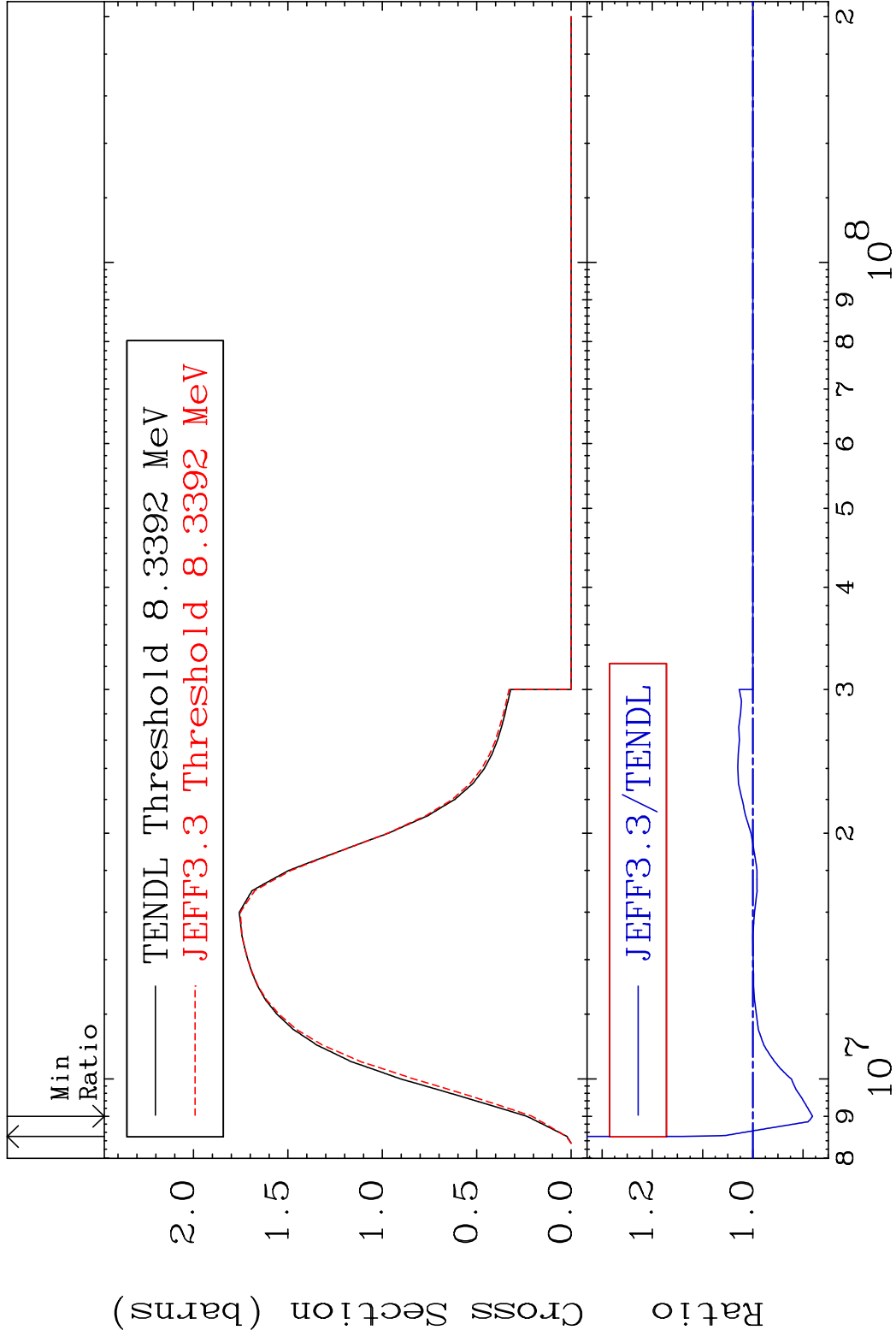
55-CS-137



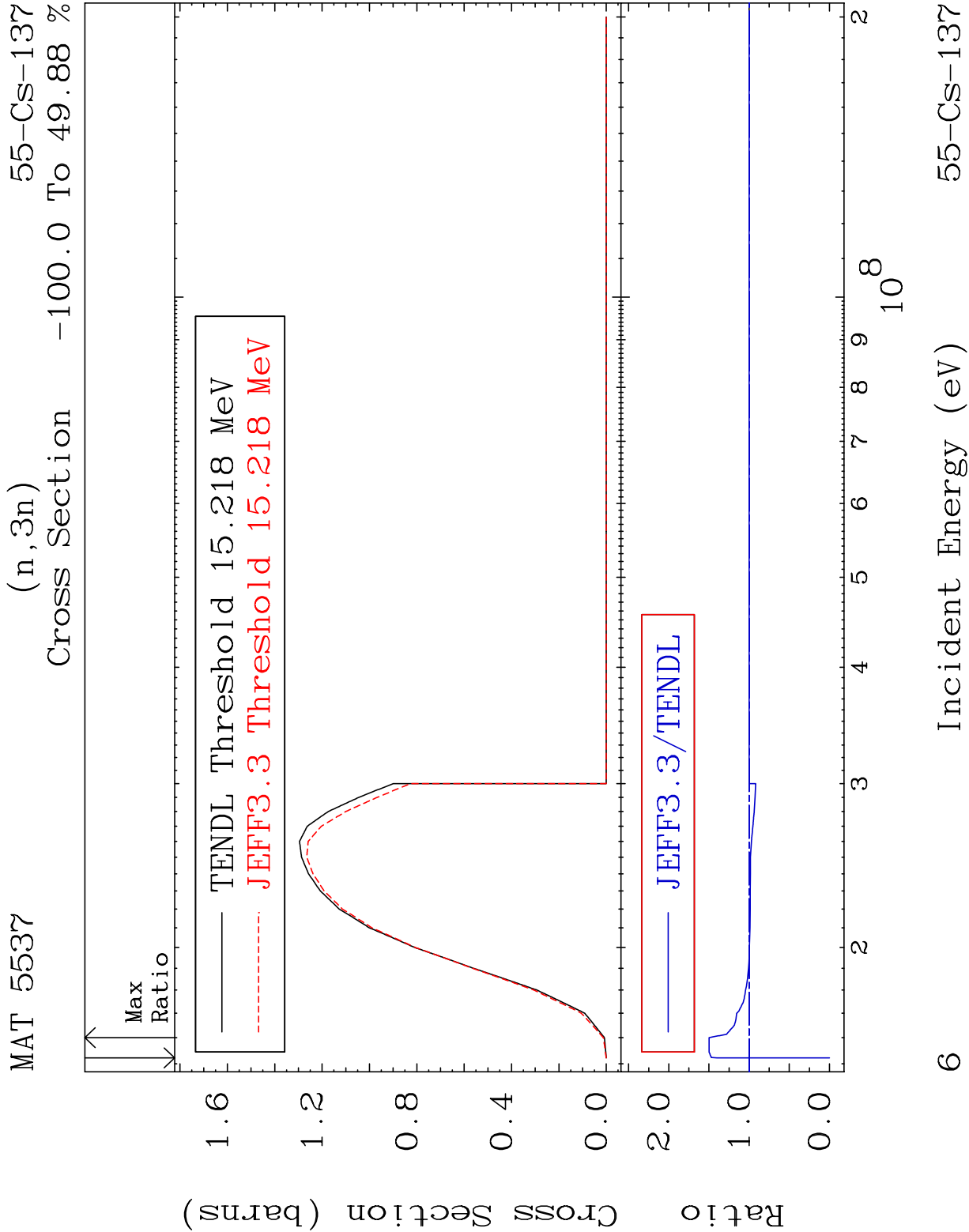




MAT 5537 (n,2n) 55-Cs-137
Cross Section -11.89 To 14.03 %



5 Incident Energy (eV) 55-Cs-137

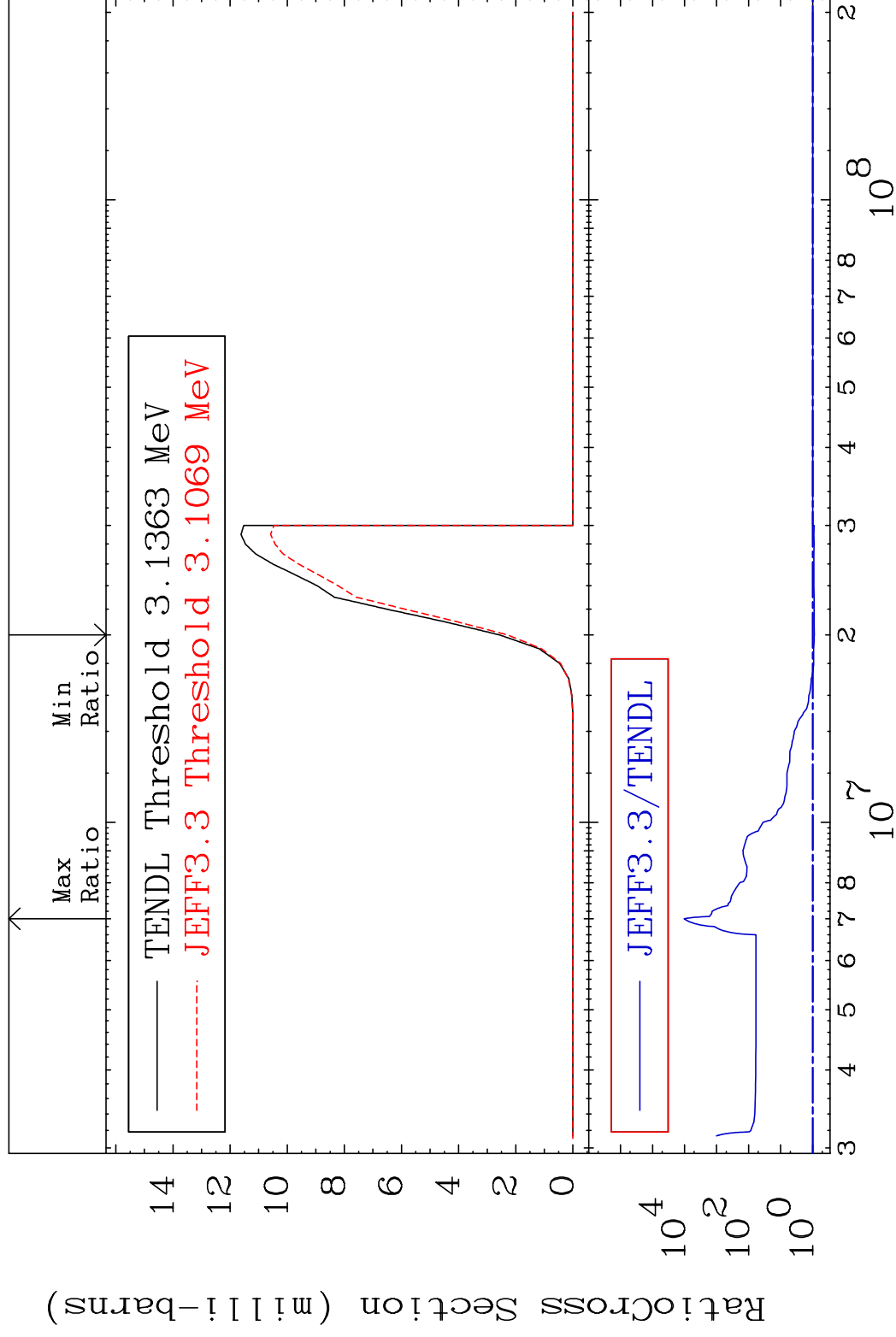


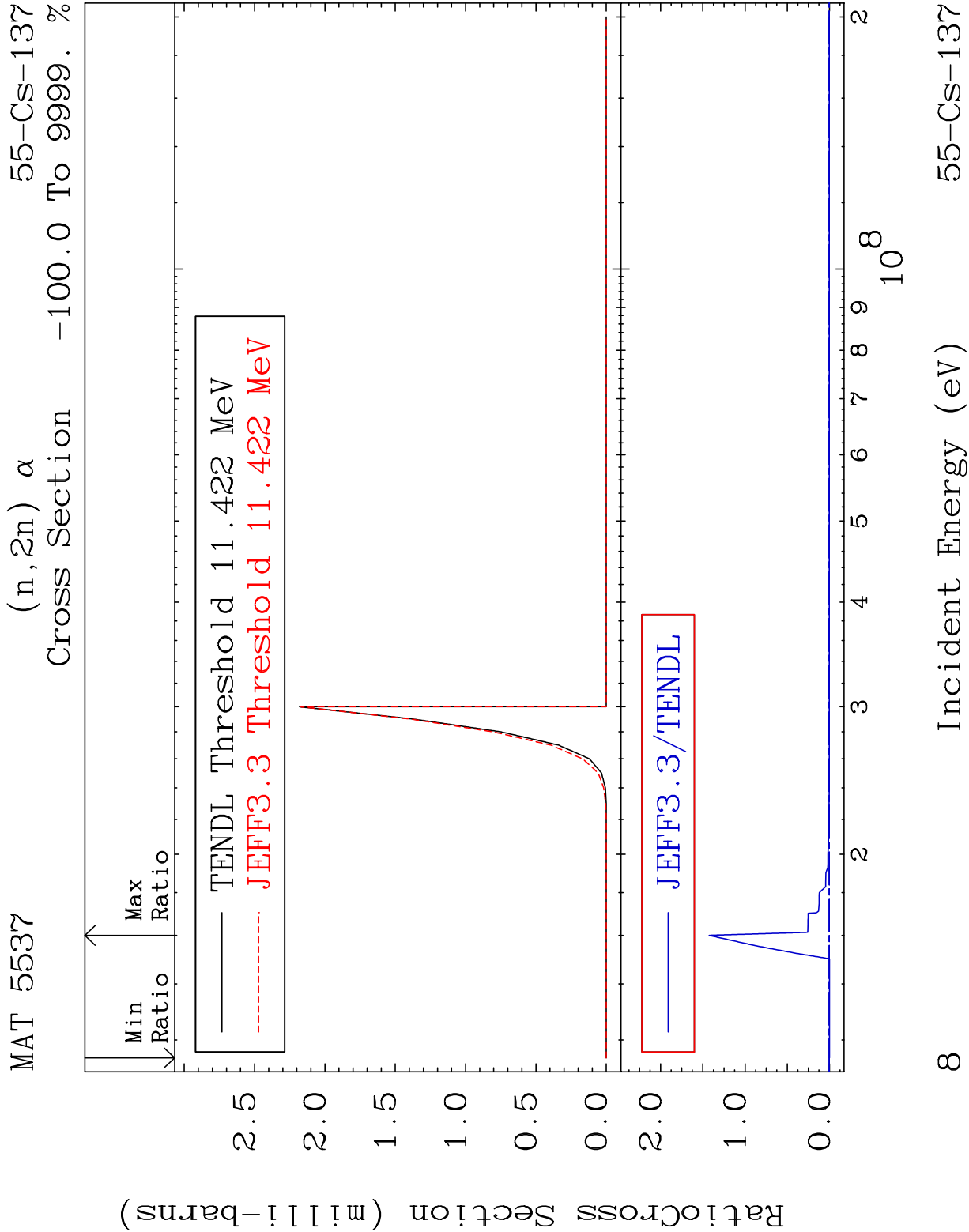
MAT 5537

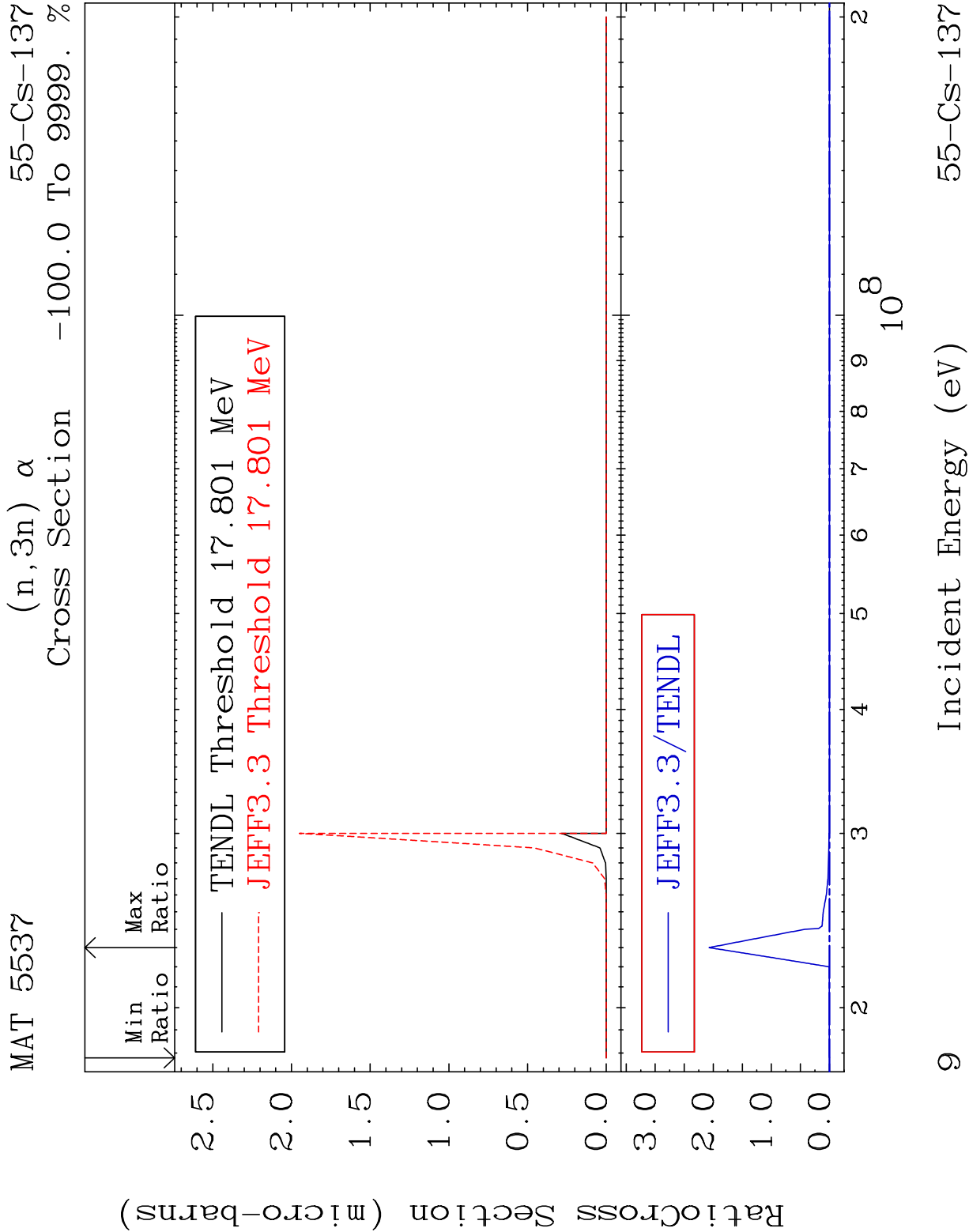
$$(n, n') \propto$$

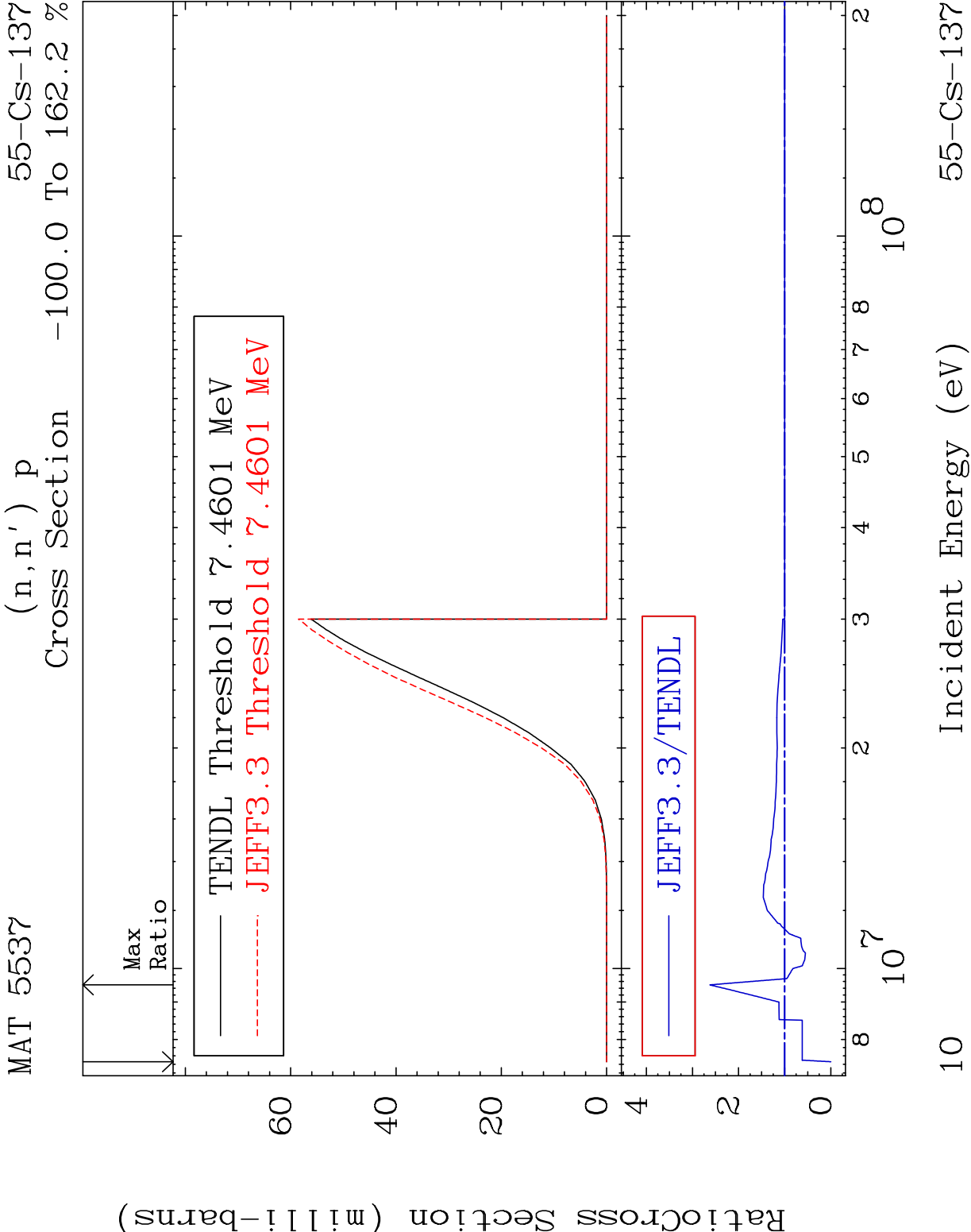
55-CS-137

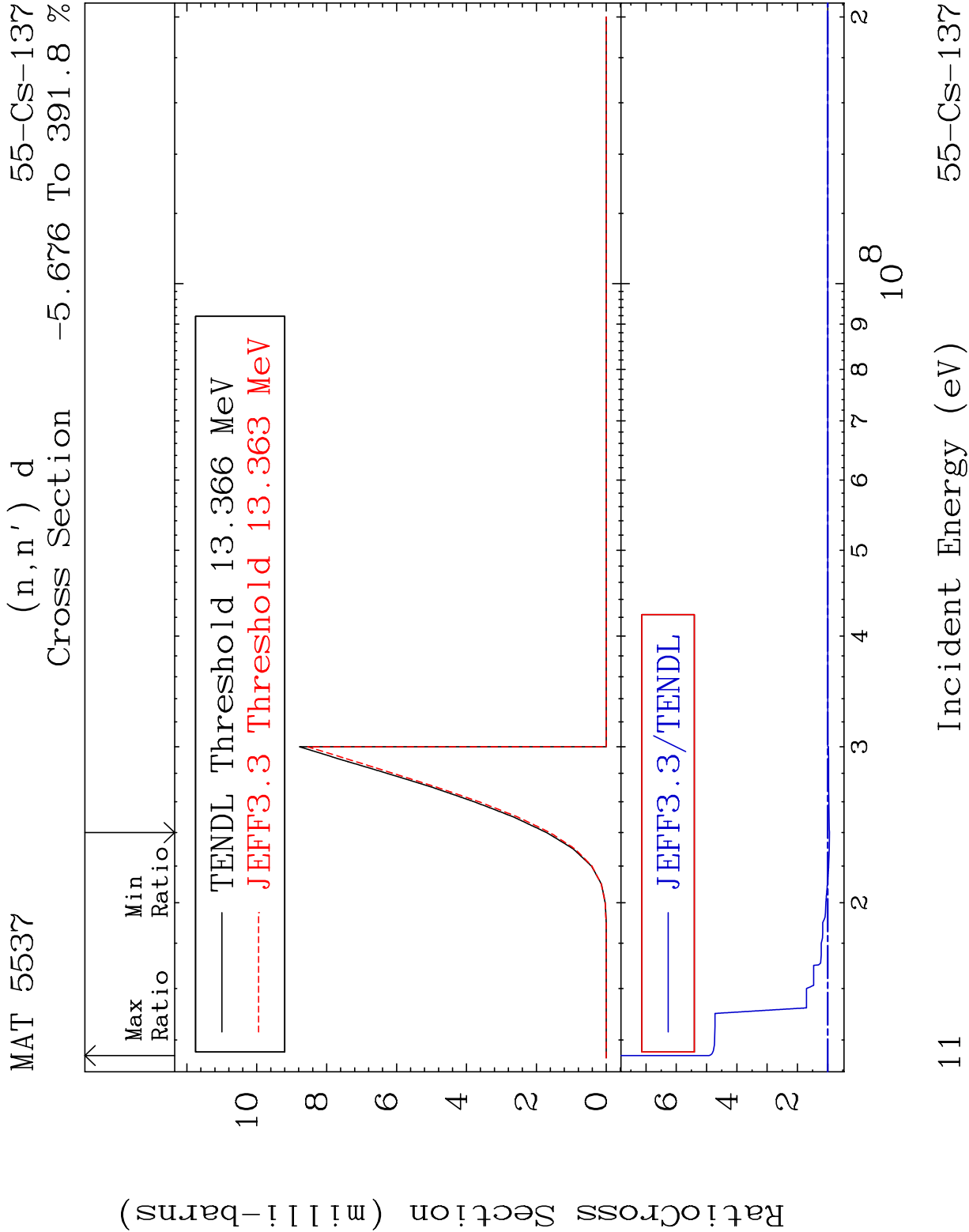
Cross Section -10.85 To 9999. %

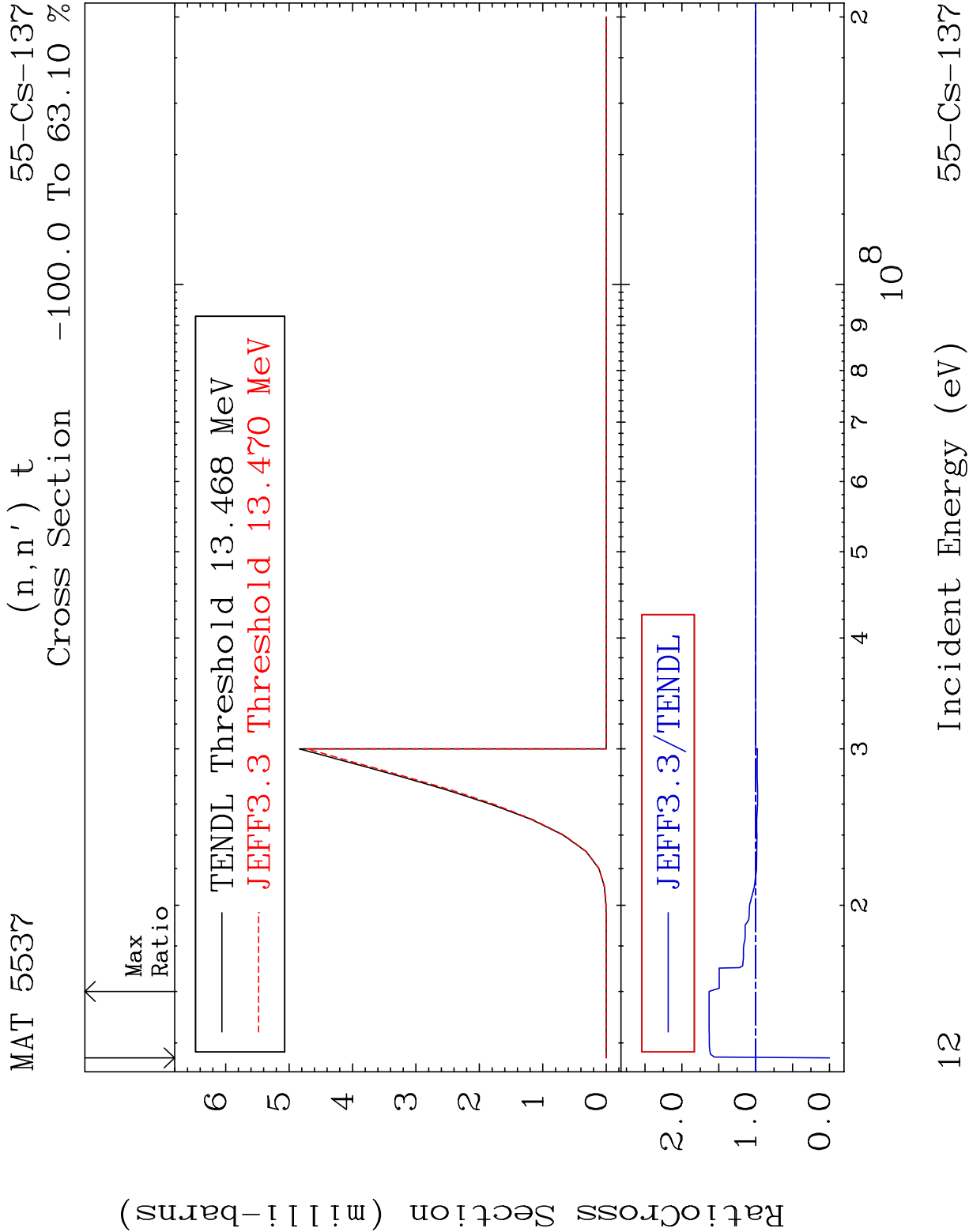


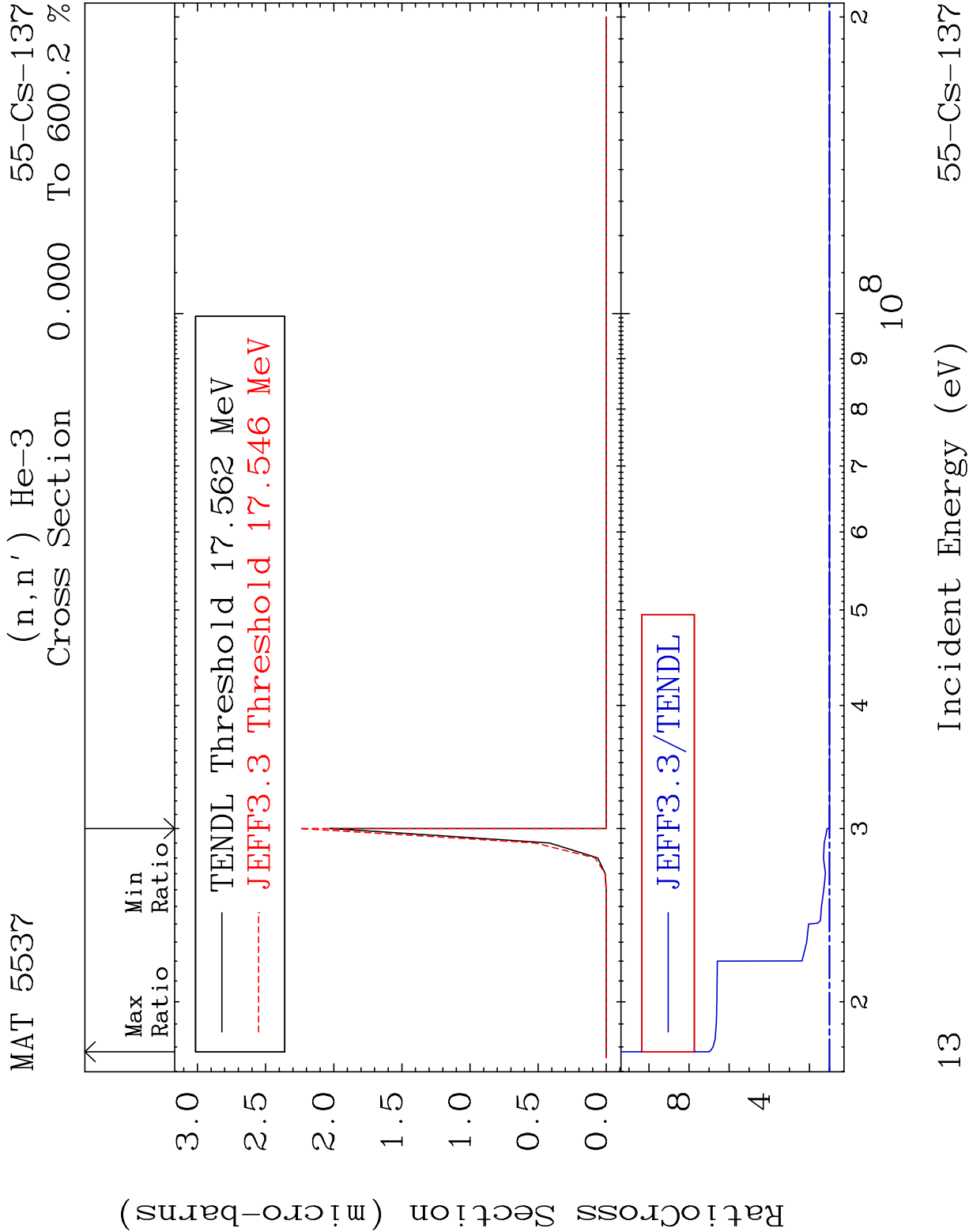


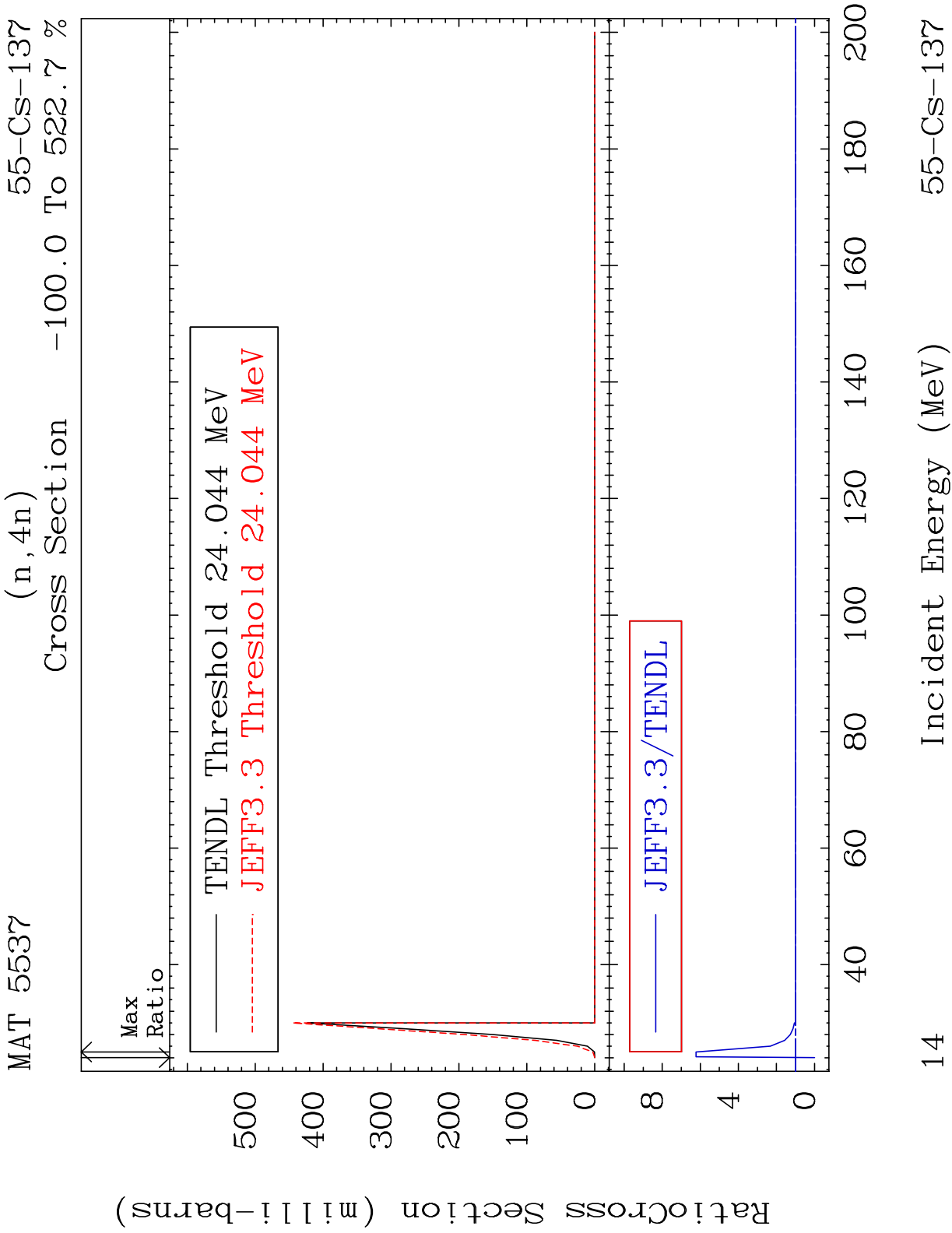


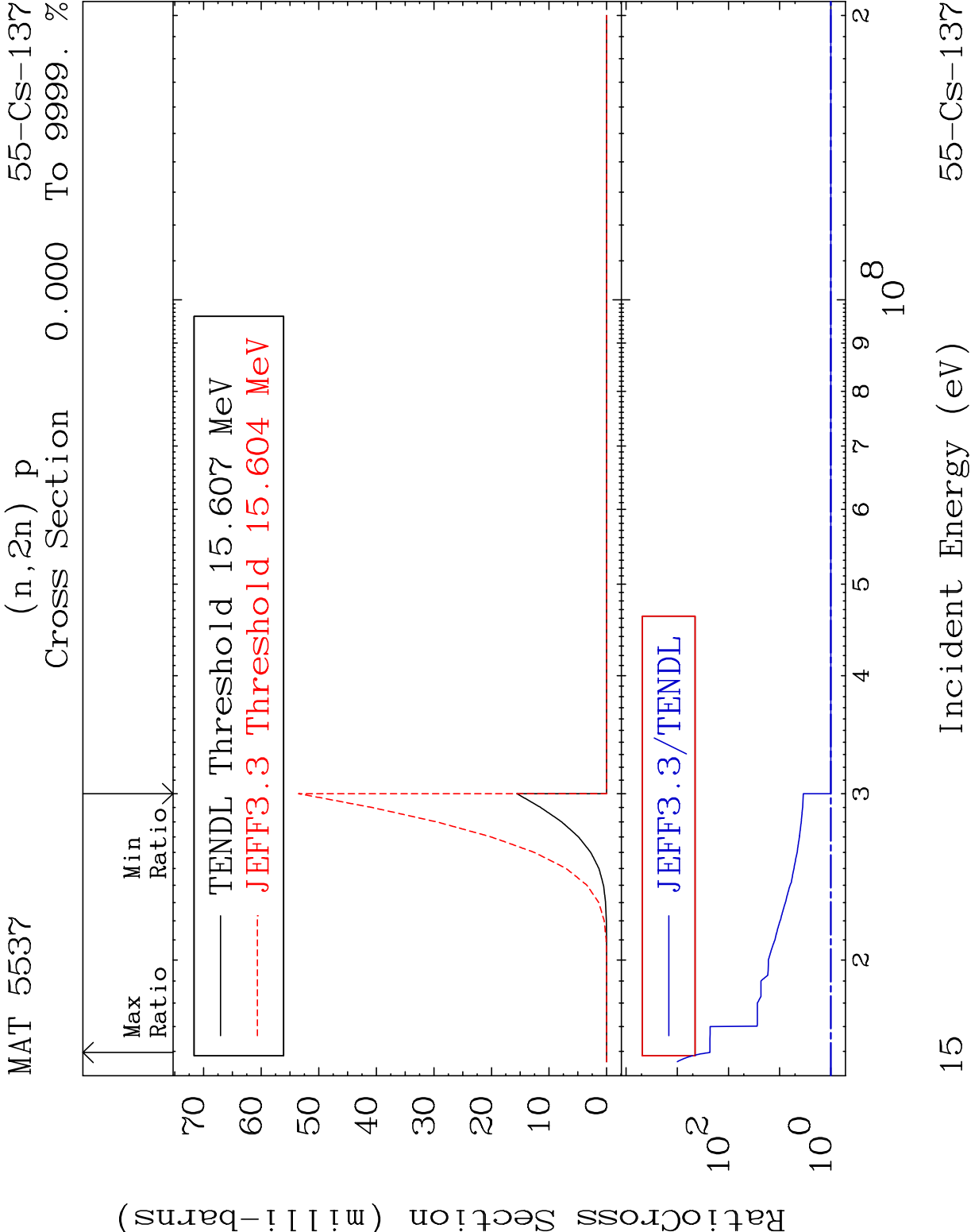


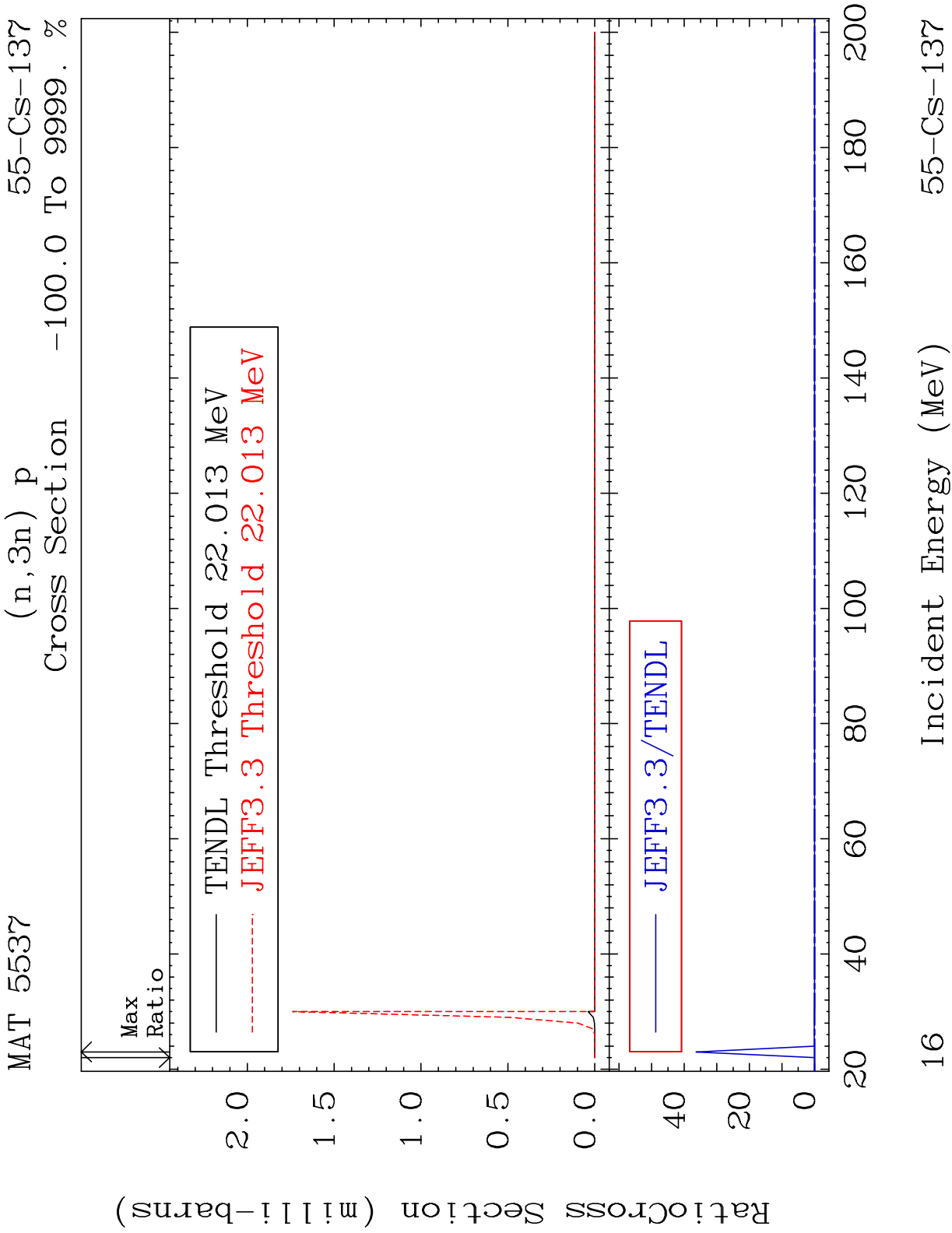


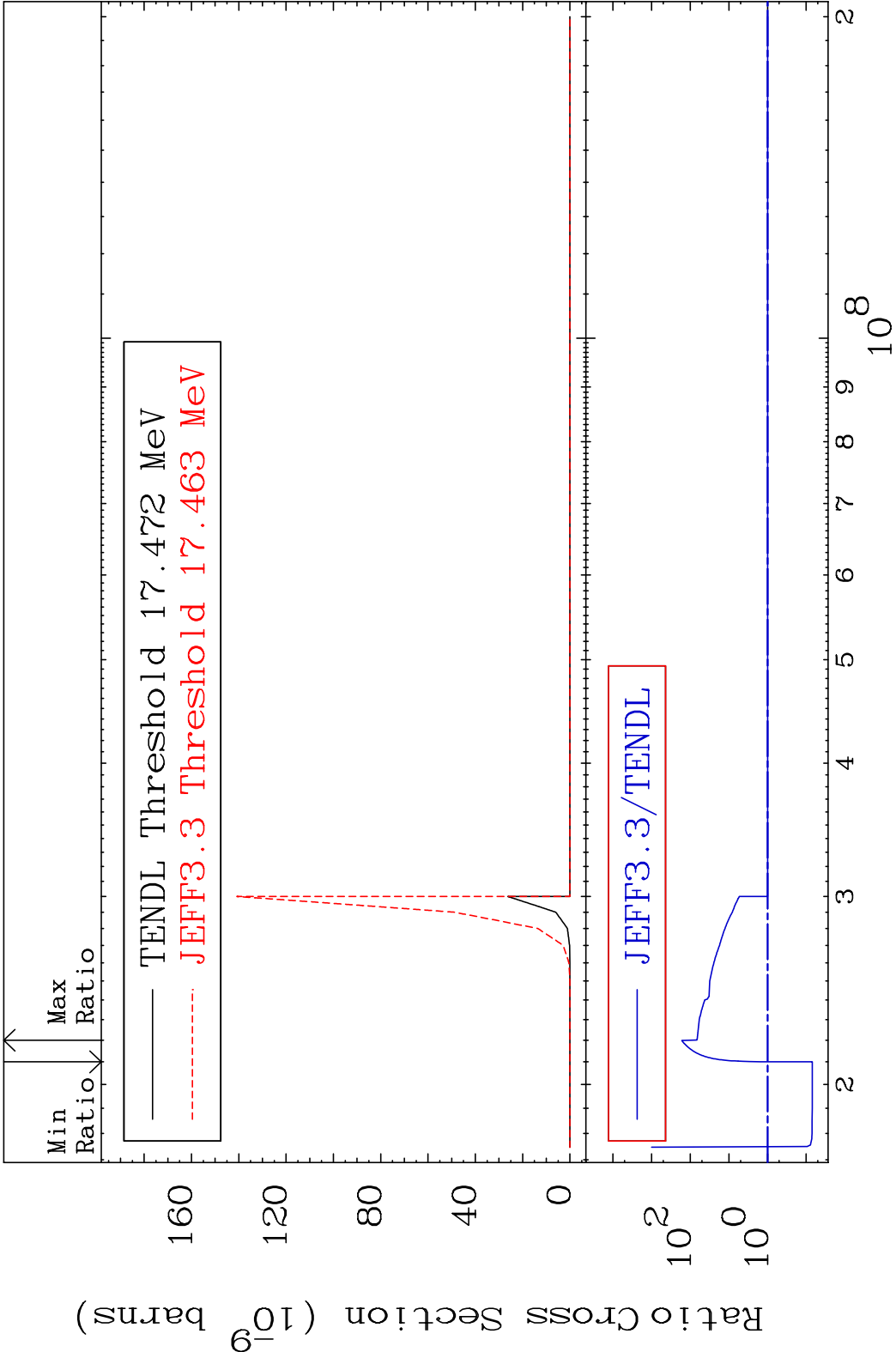


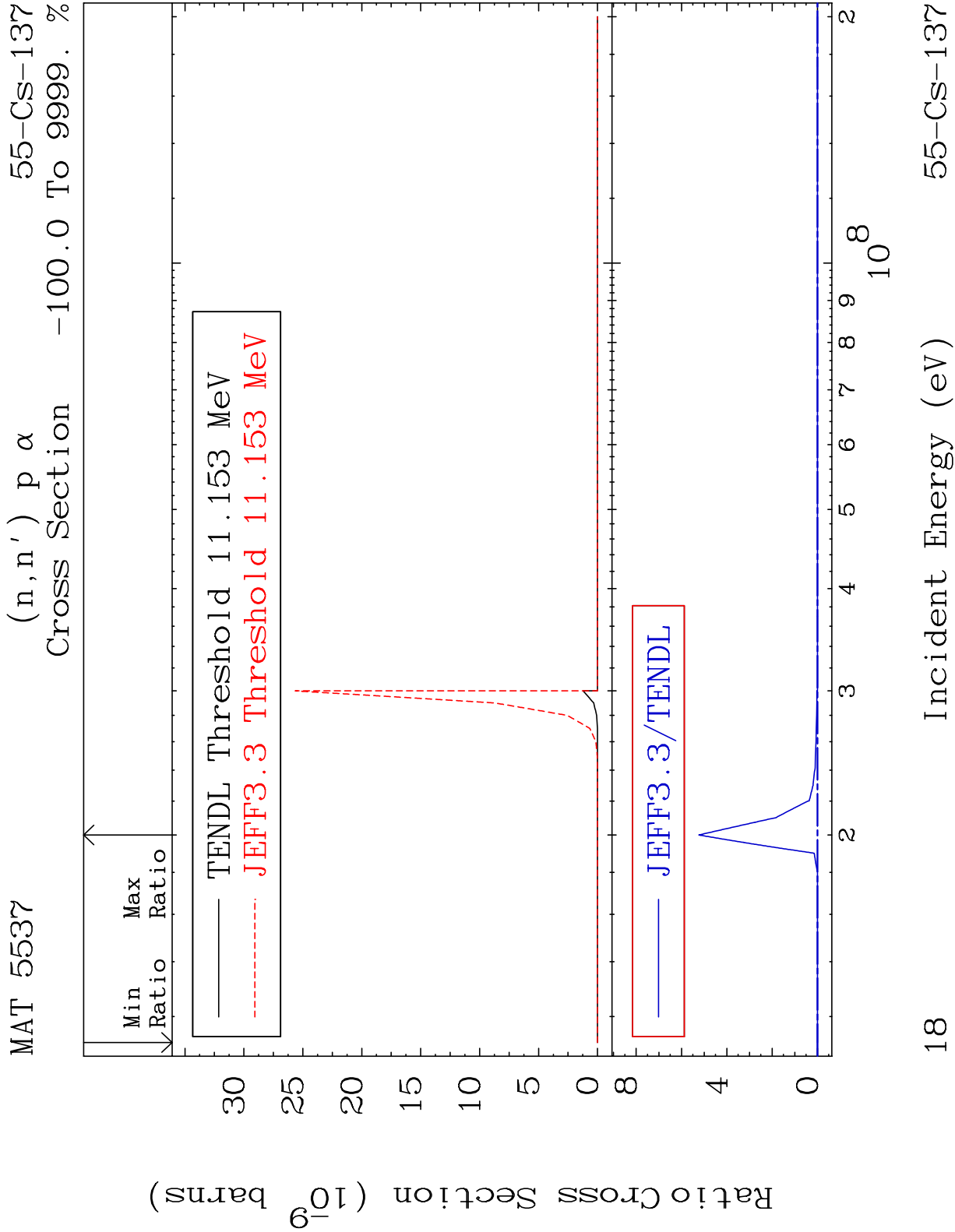




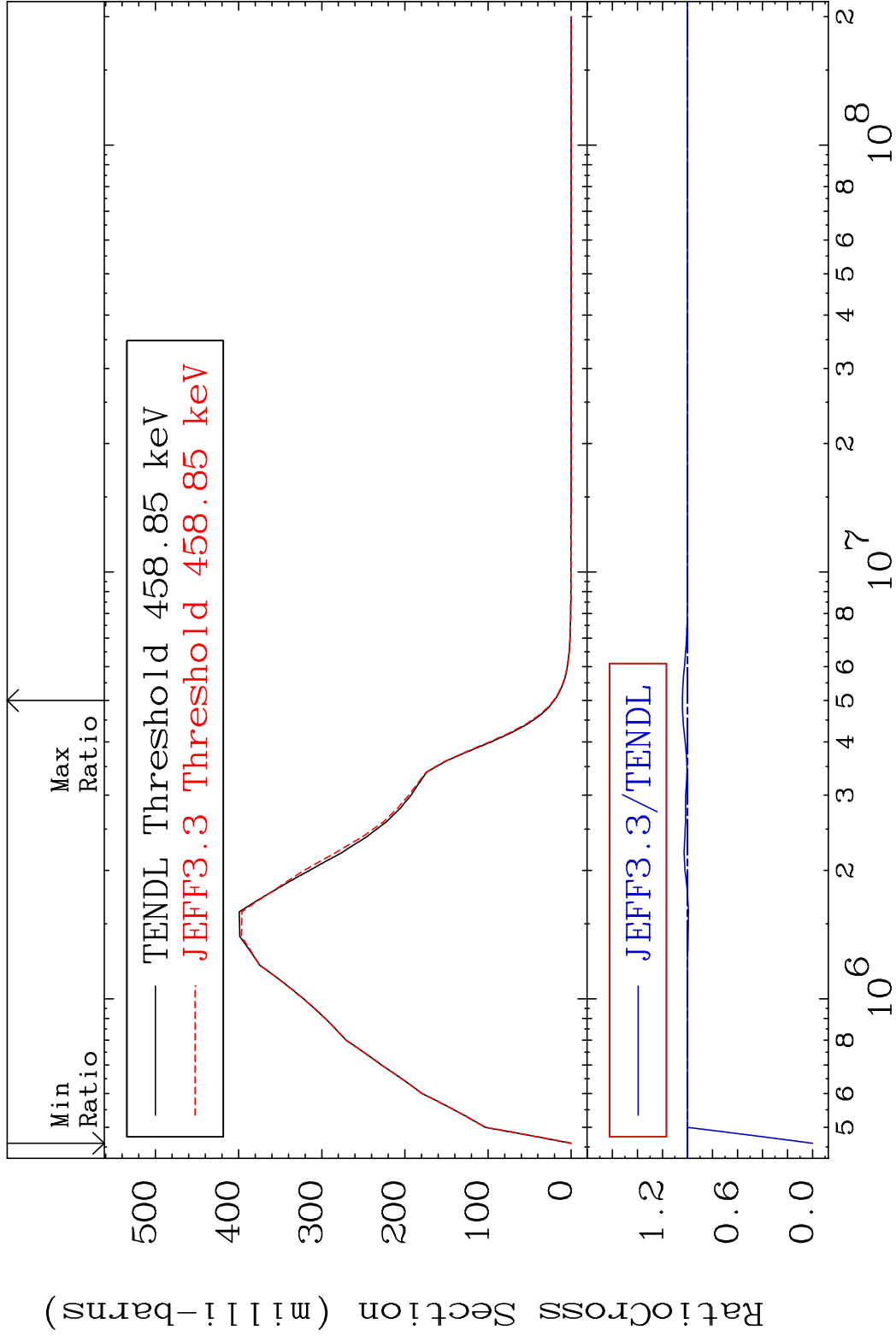


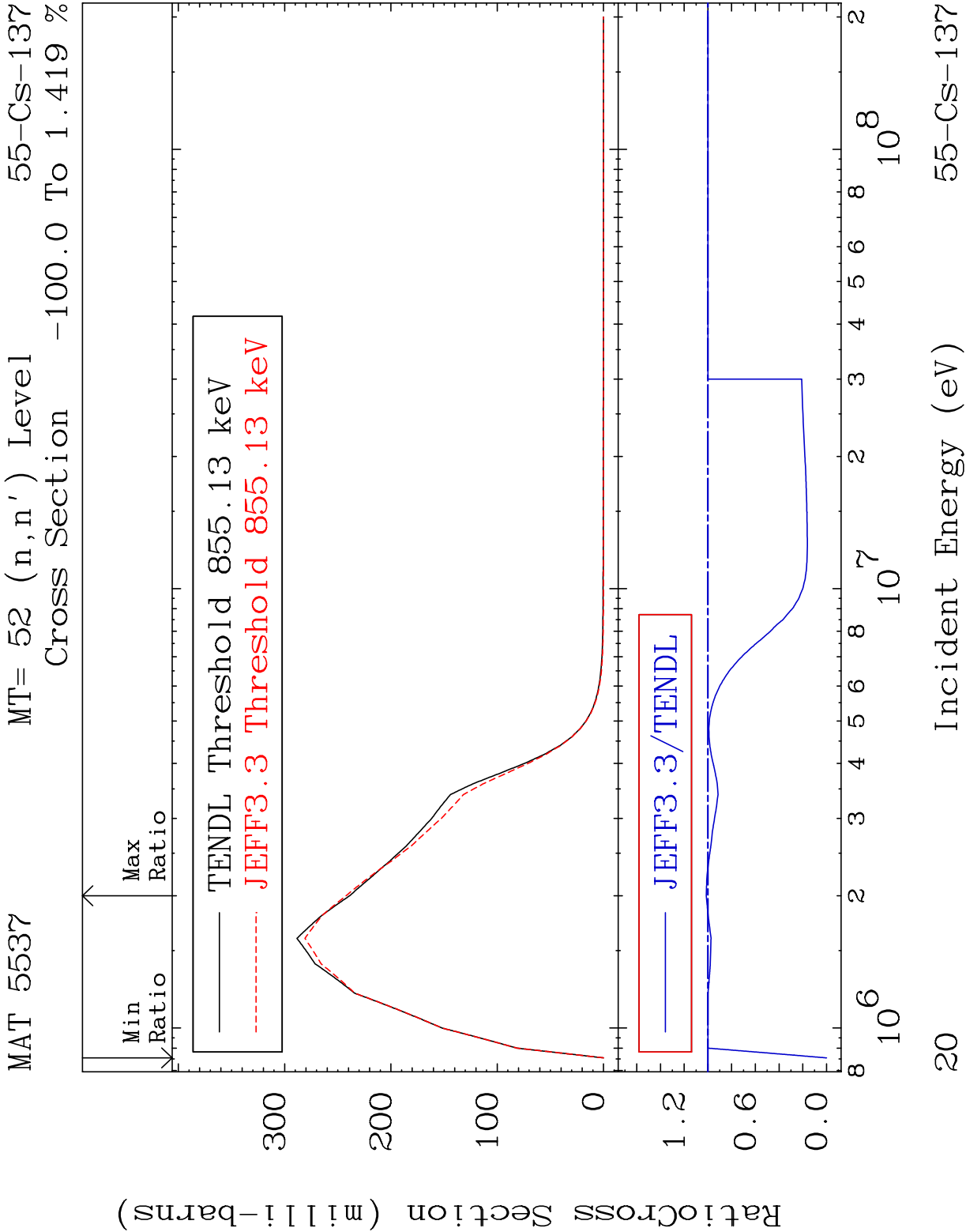


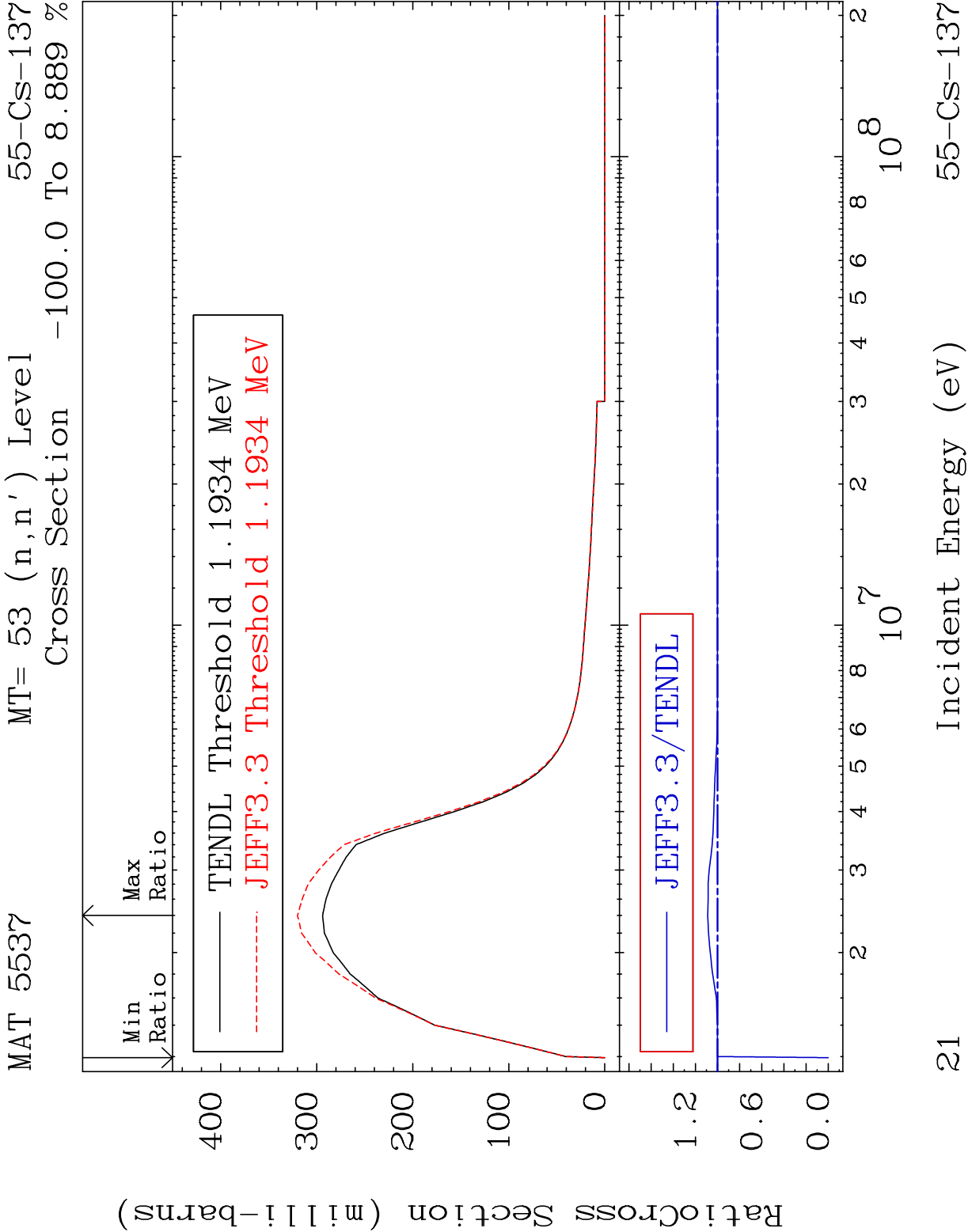




MAT 5537 MT= 51 (n,n') Level 55-Cs-137
Cross Section -100.0 To 4.101 %







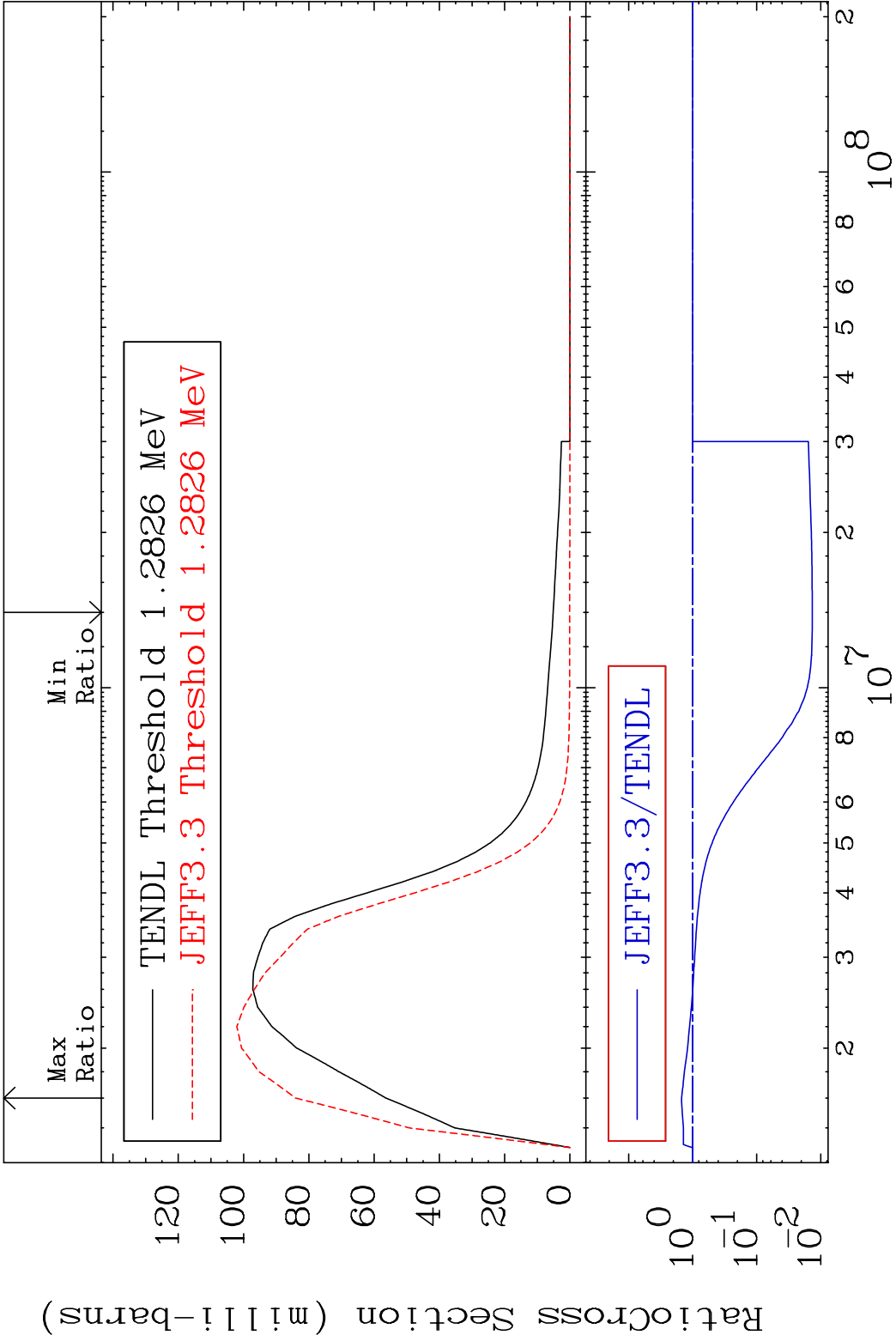
MAT 5537

MT= 54 (n,n') Level

55-Cs-137

Cross Section

-98.64 To 49.04 %



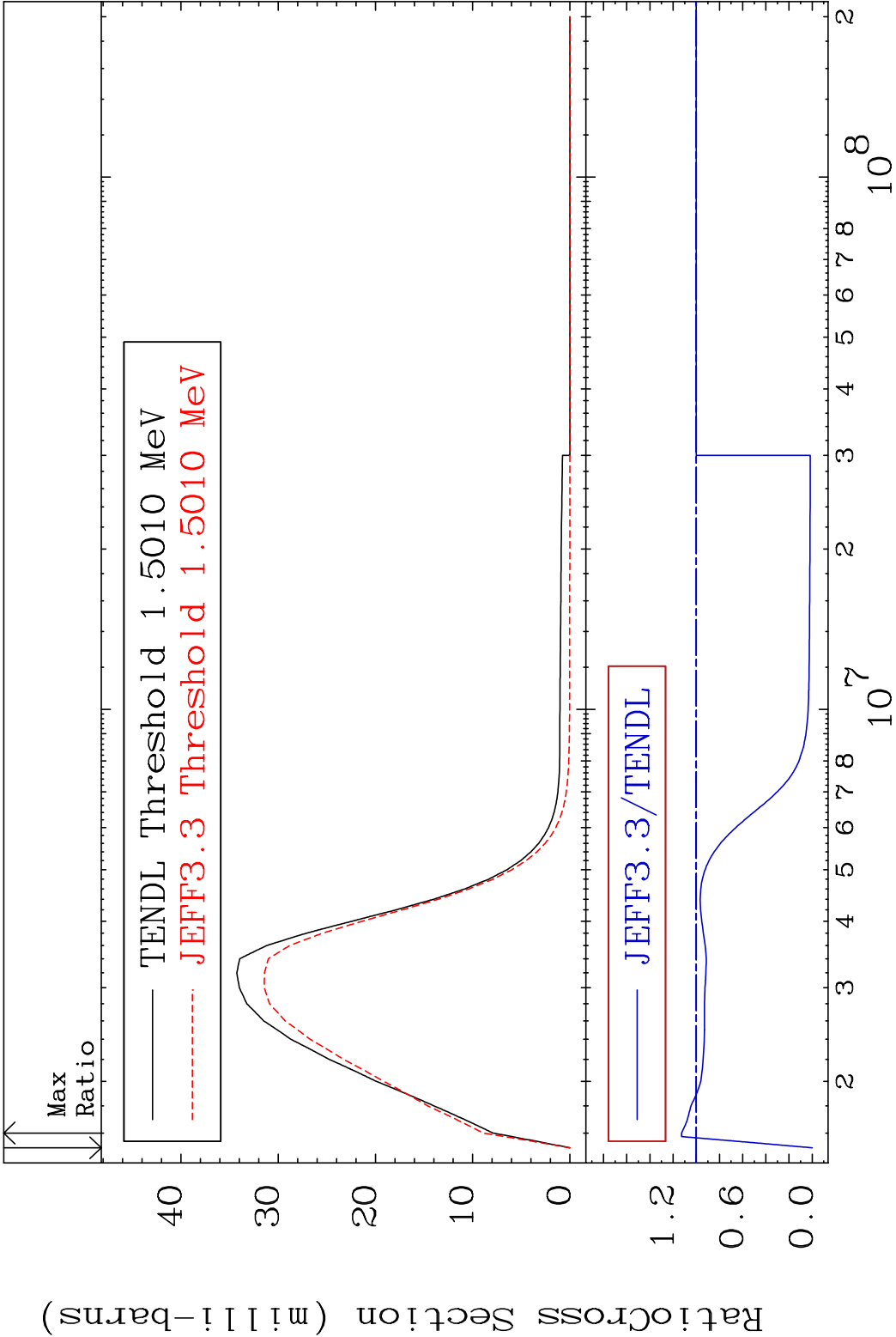
MAT 5537

MT= 55 (n,n') Level

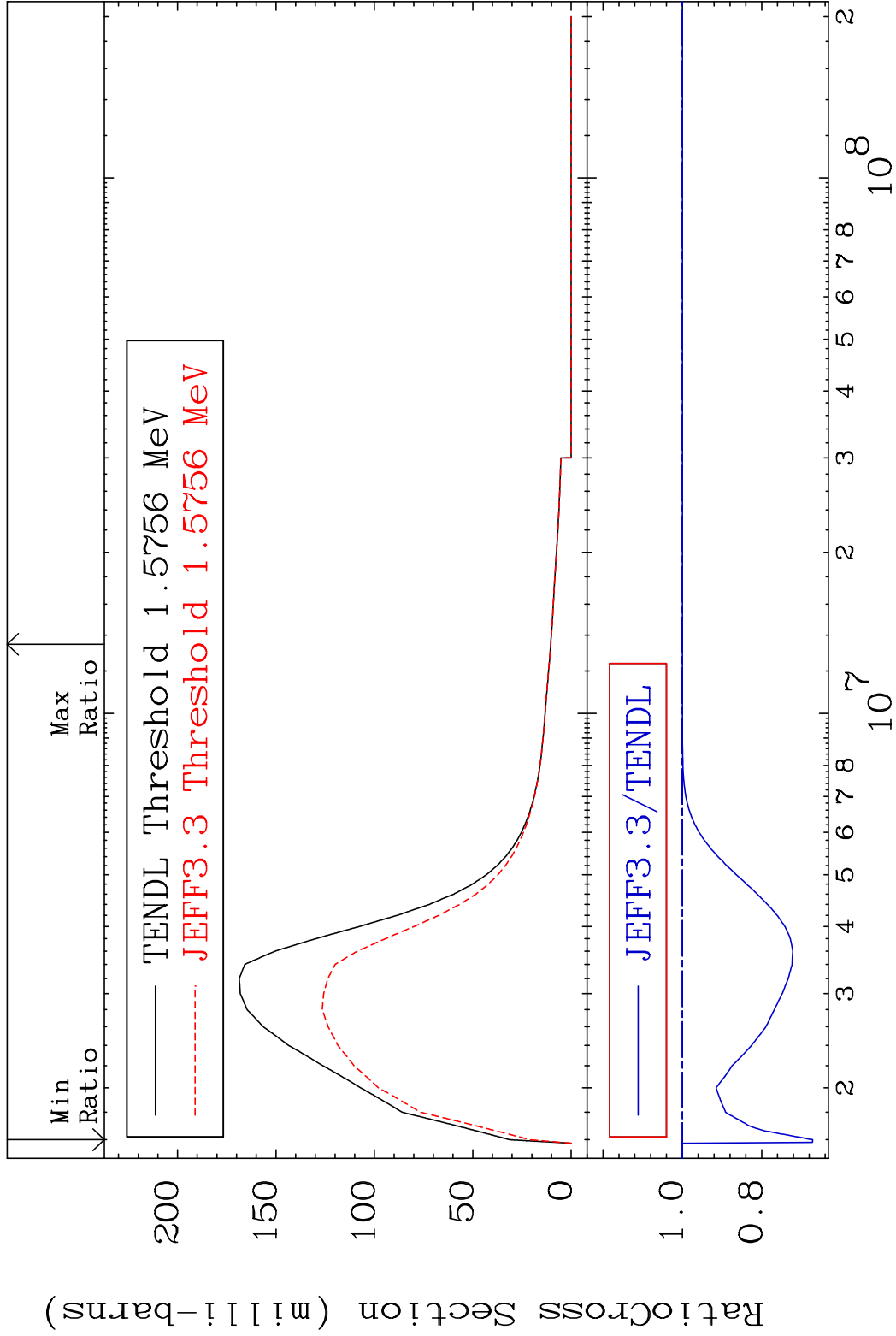
55-Cs-137

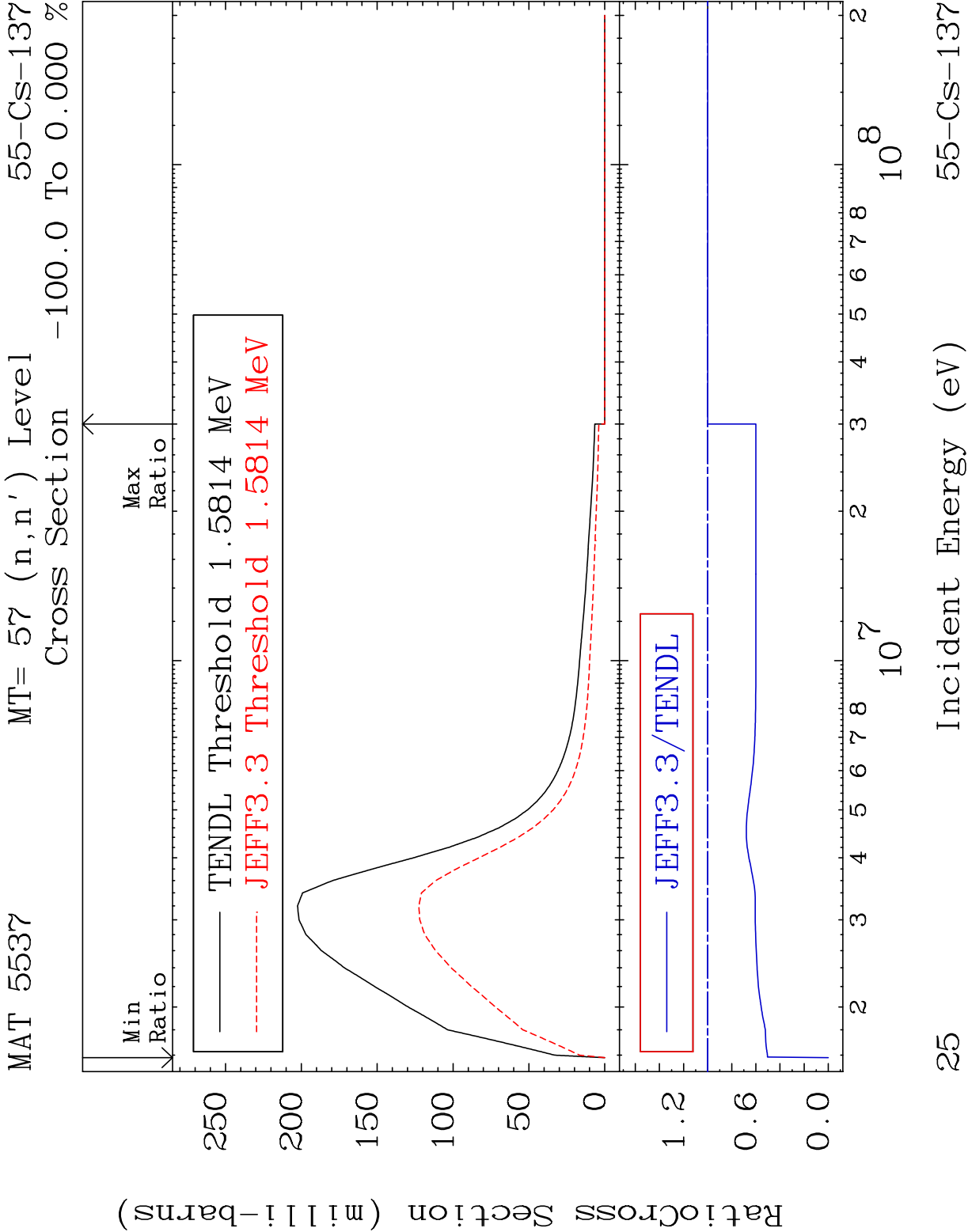
Cross Section

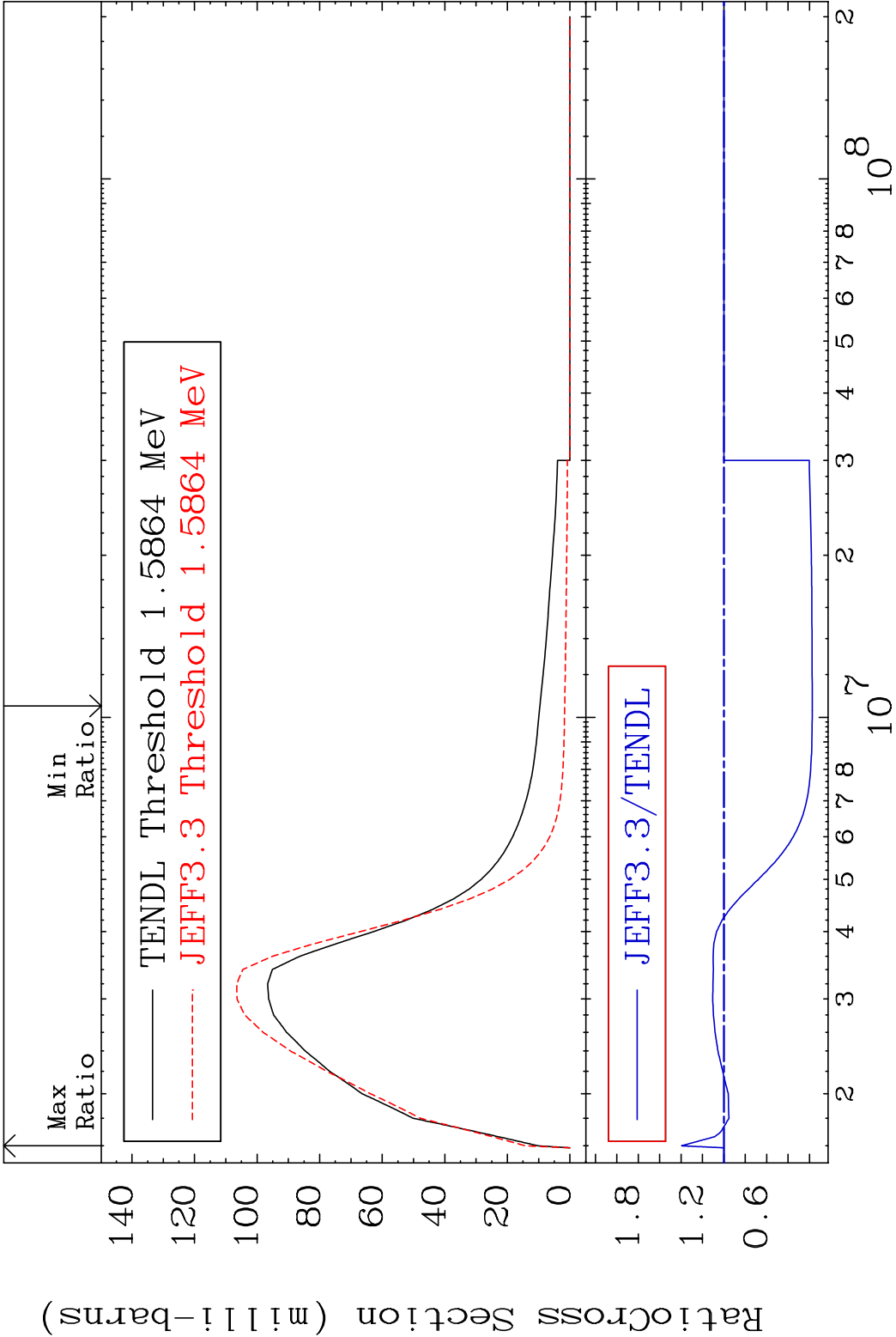
-100.0 To 12.73 %

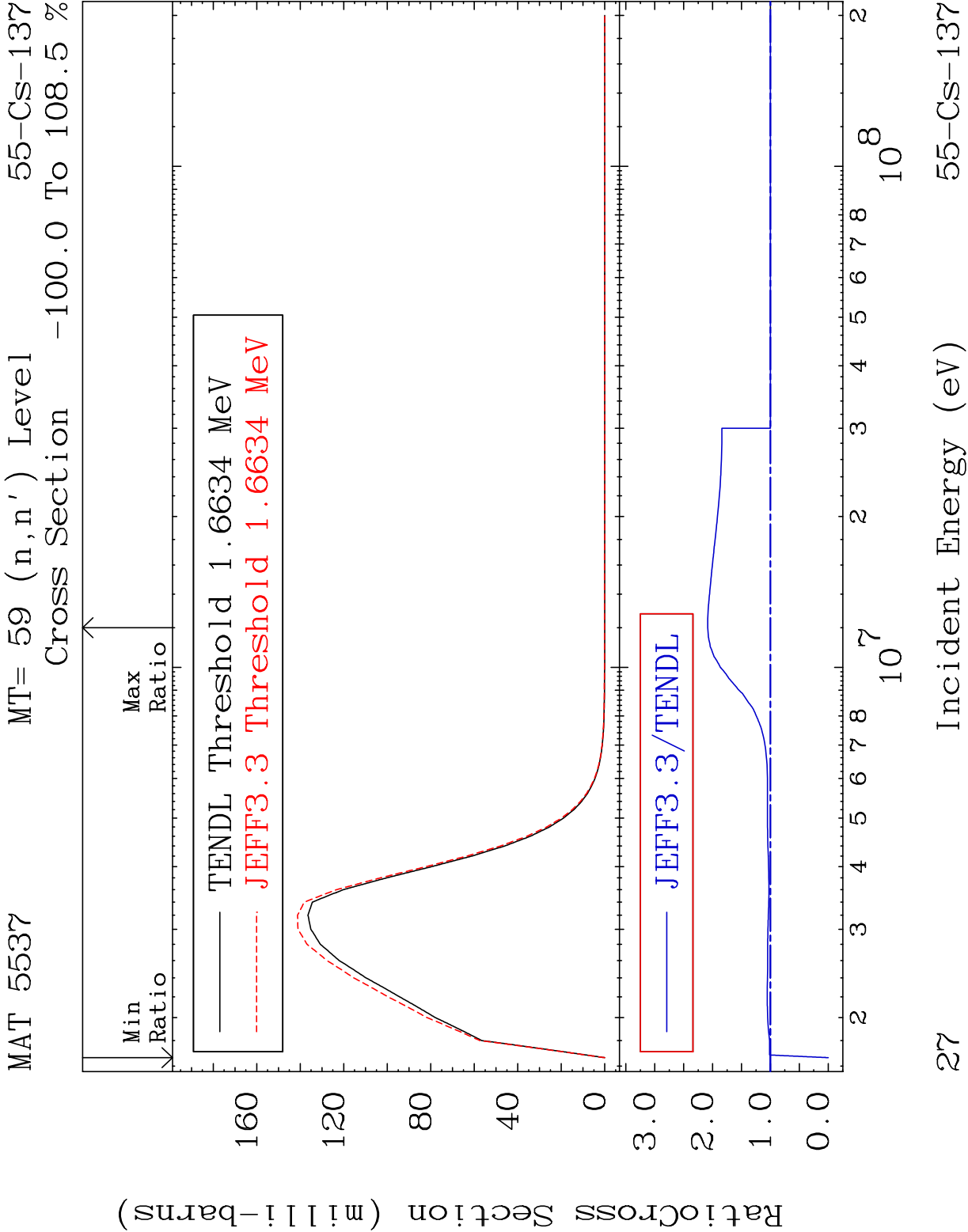


MAT 5537 MT= 56 (n,n') Level 55-Cs-137
Cross Section -32.83 To 0.000 %









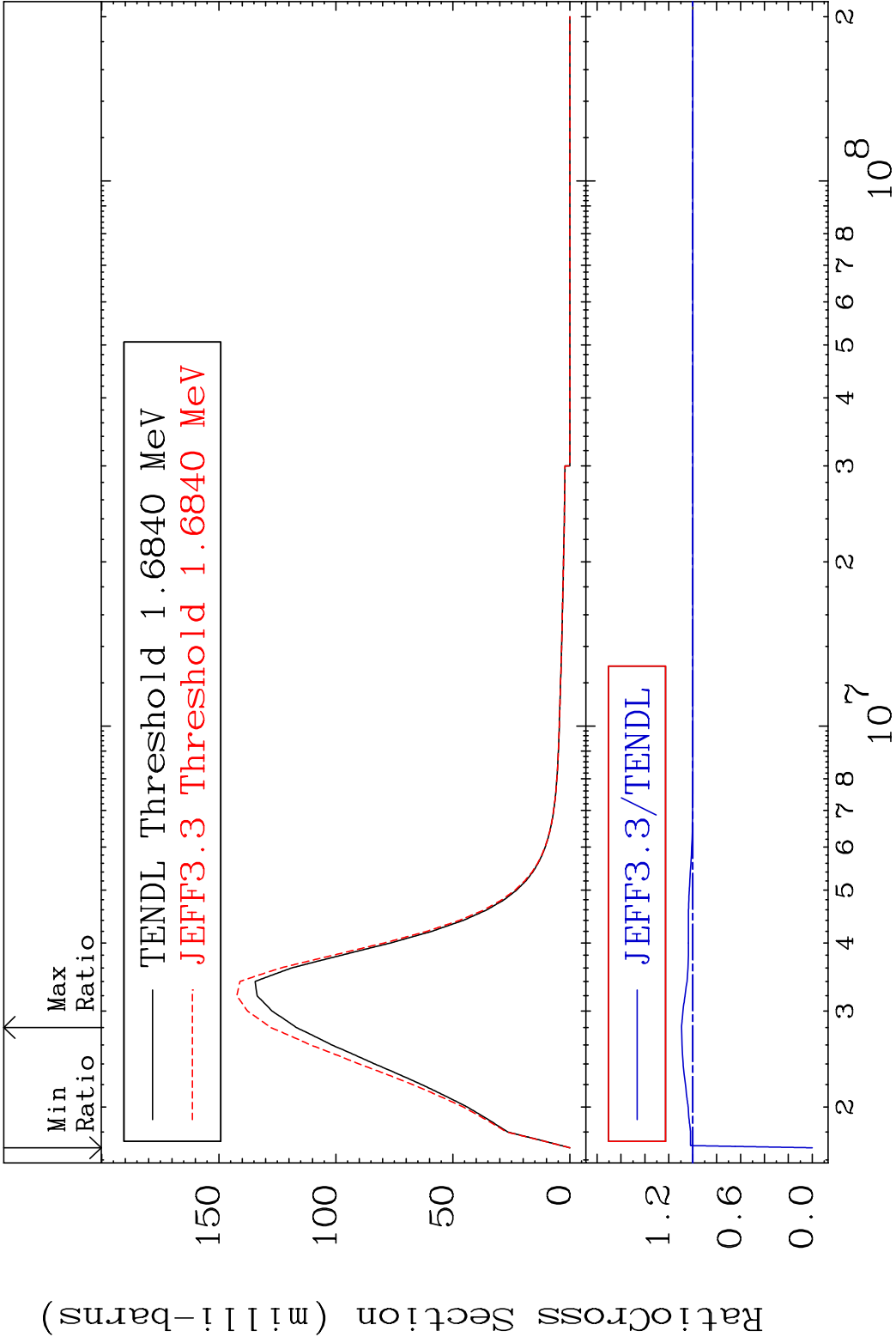
MAT 5537

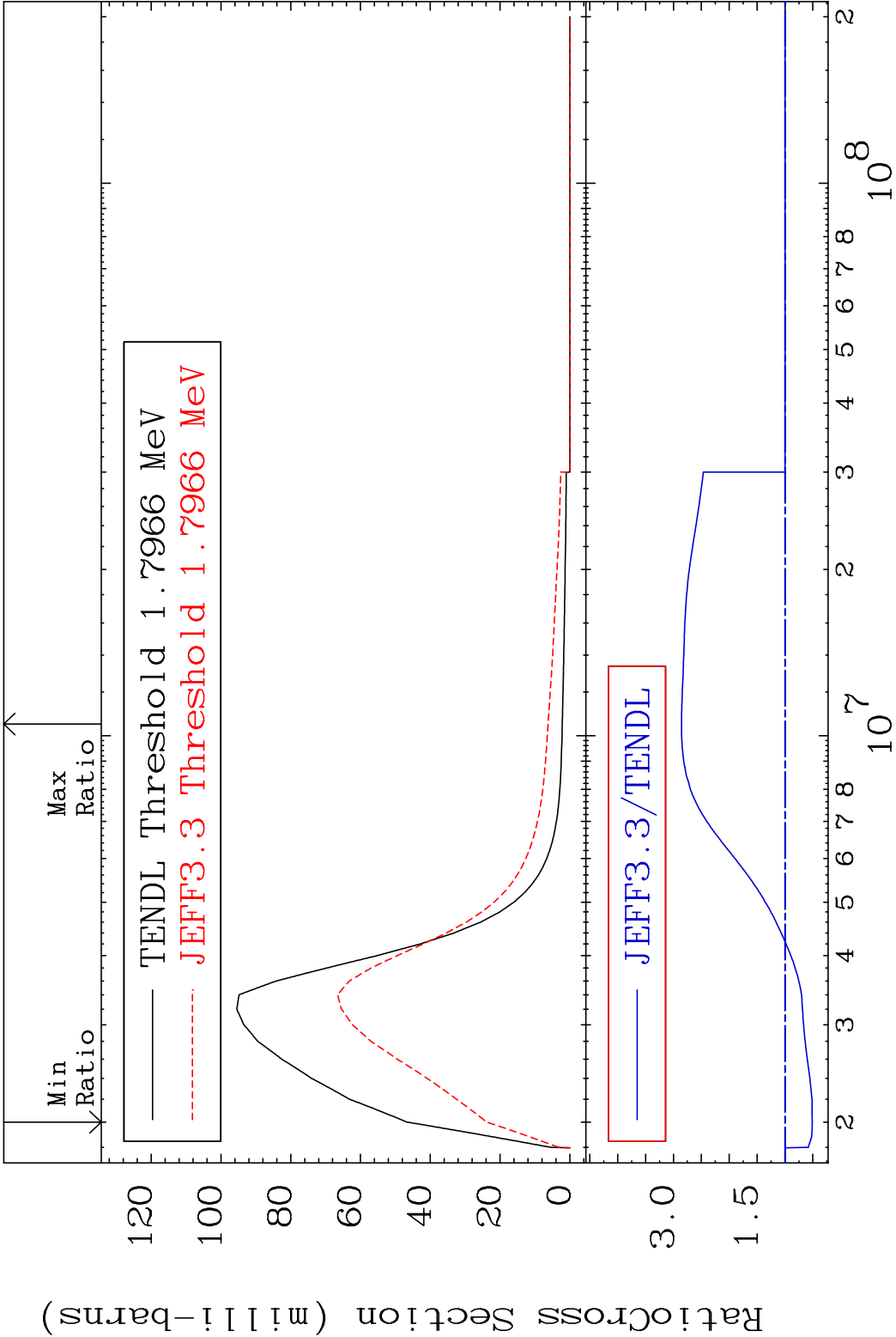
MT= 60 (n,n') Level

55-Cs-137

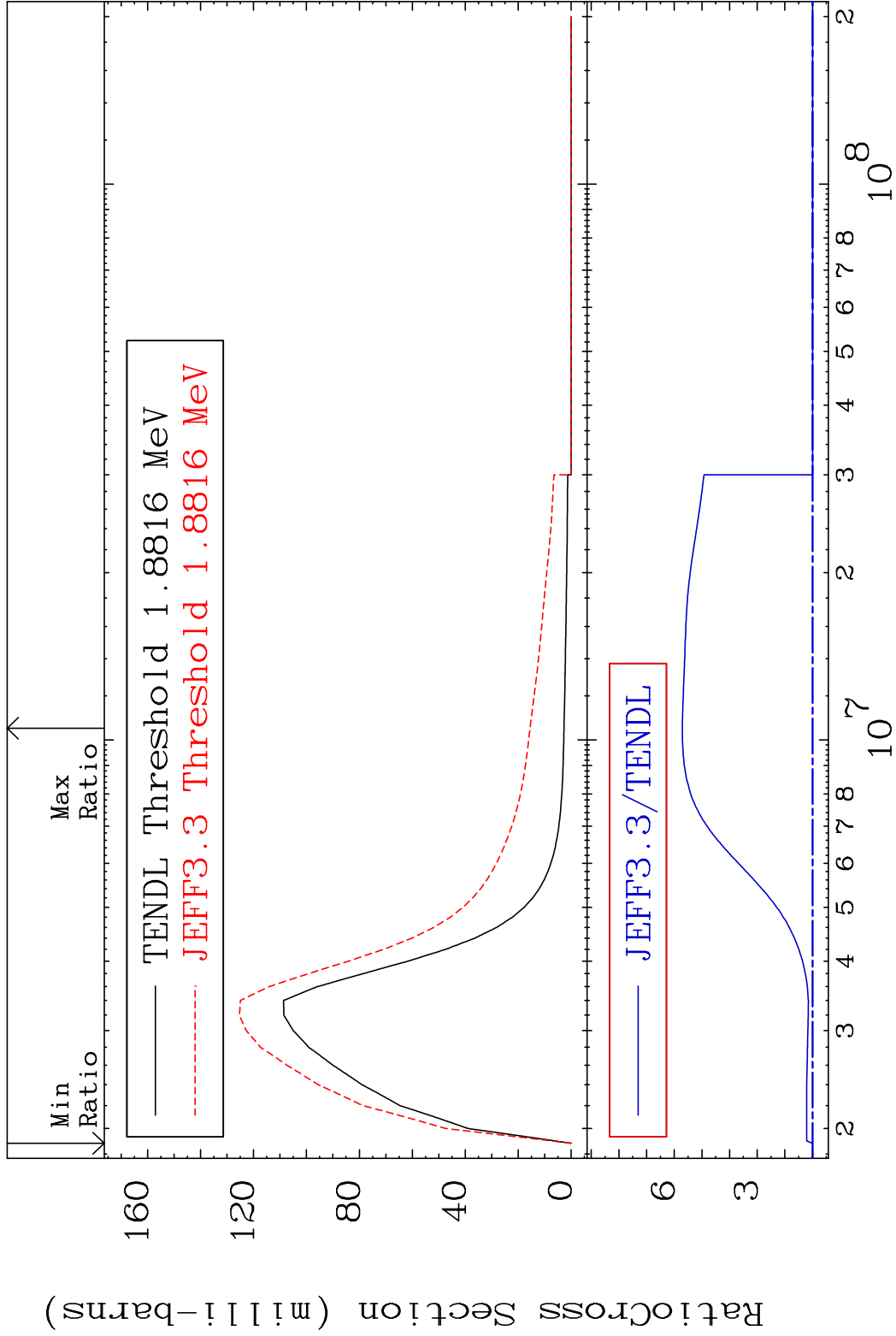
Cross Section

-100.0 To 9.363 %





MAT 5537 MT= 62 (n,n') Level 55-Cs-137
Cross Section 0.000 To 470.6 %



30 Incident Energy (eV) 55-Cs-137

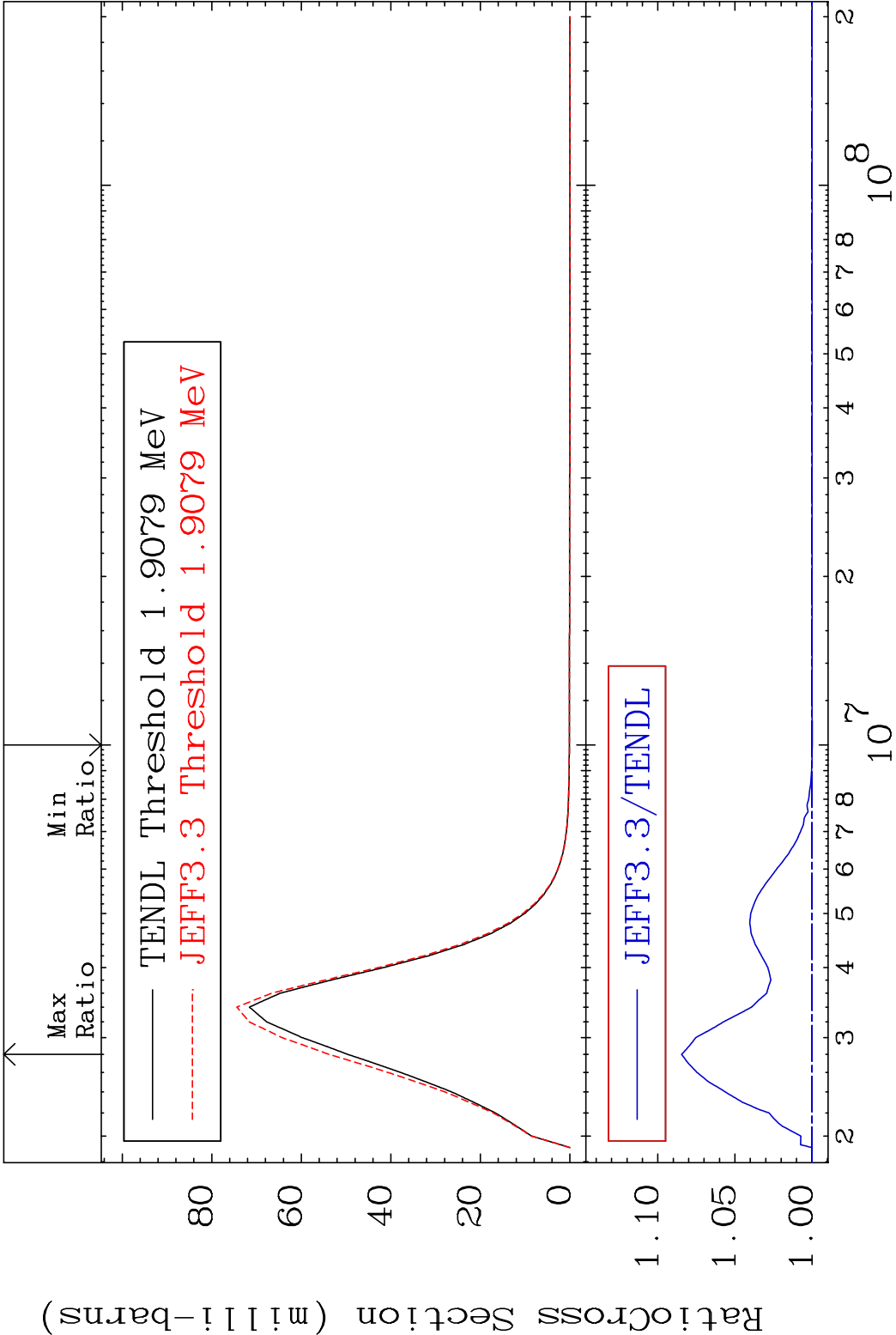
MAT 5537

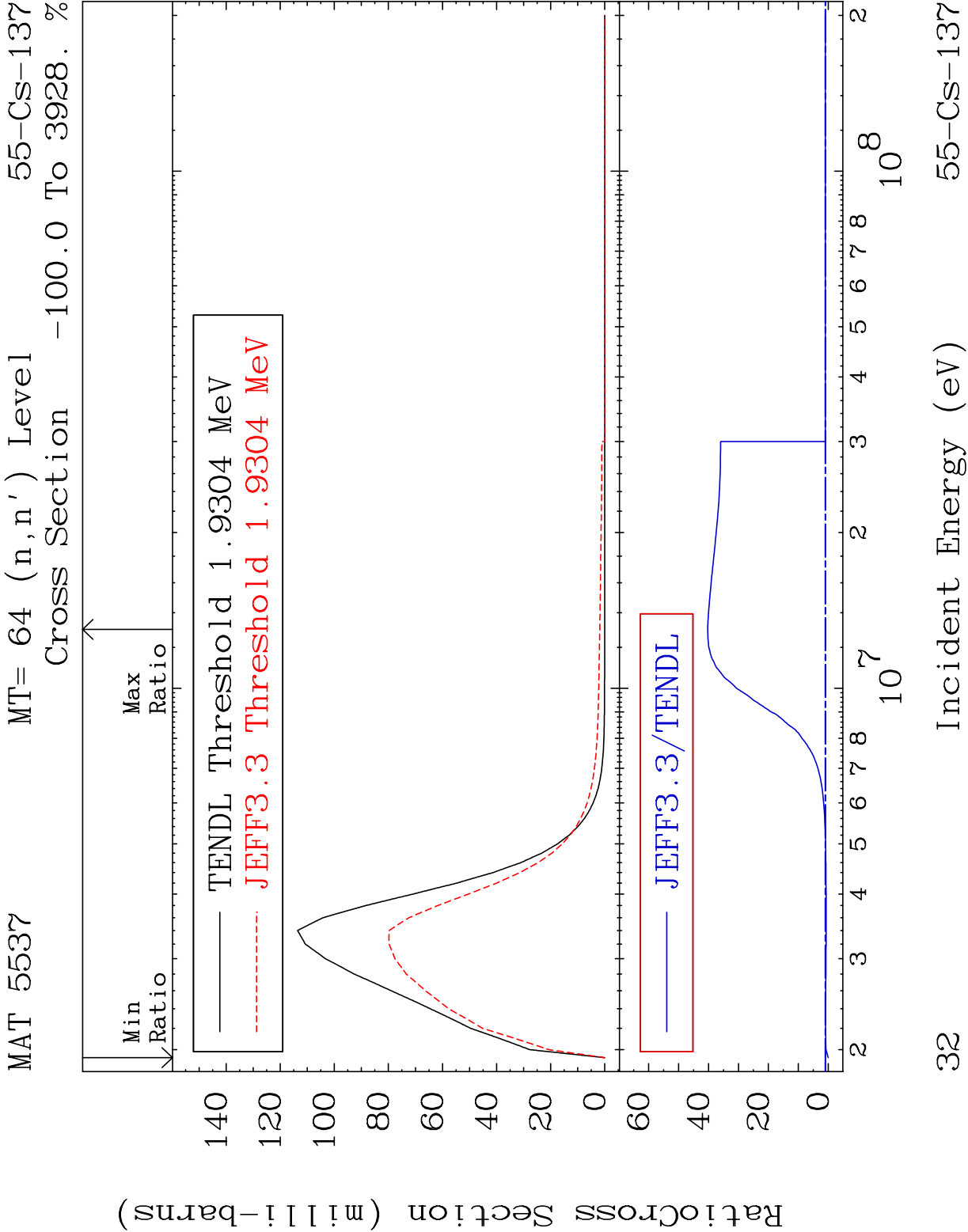
MT= 63 (n,n') Level

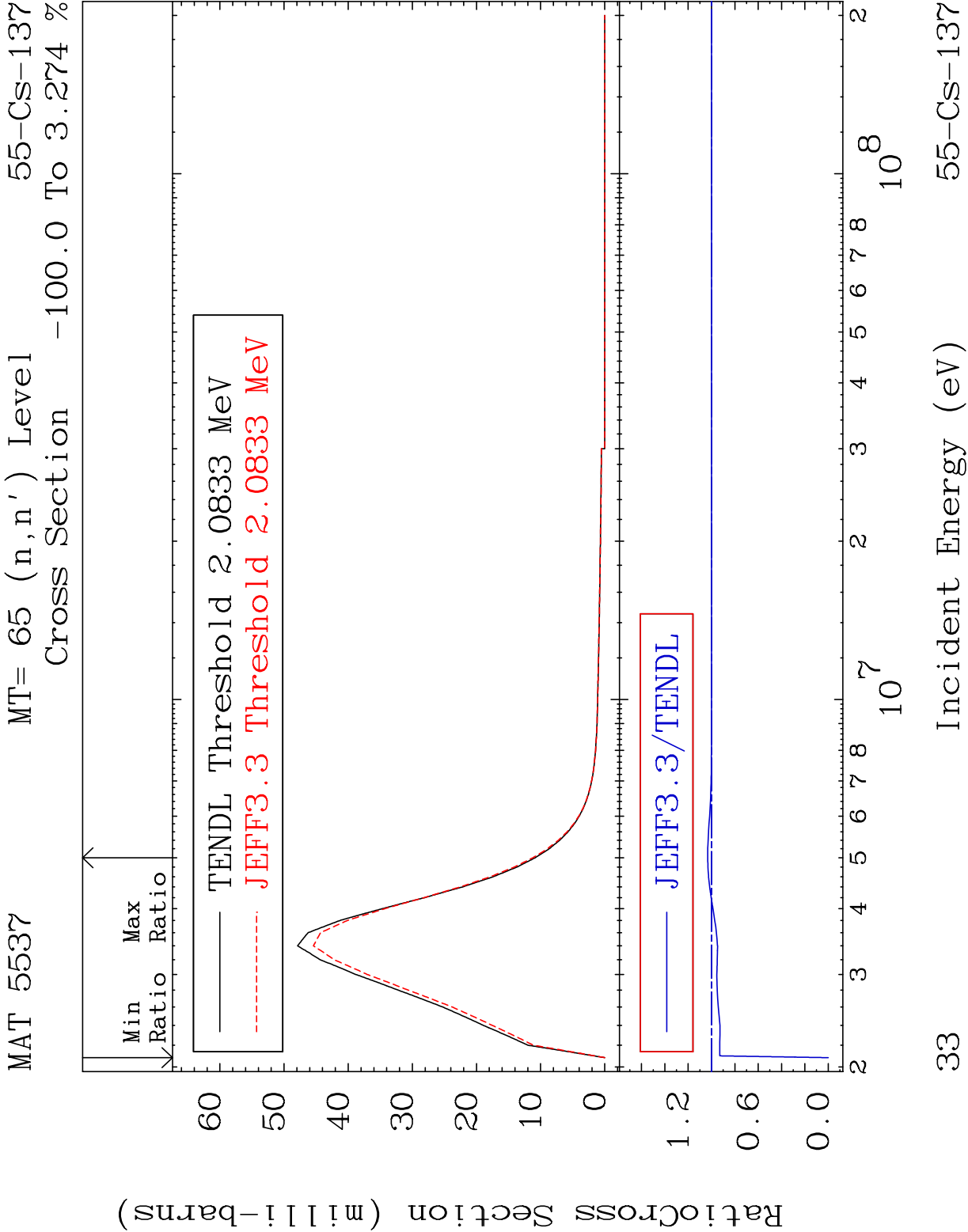
55-Cs-137

Cross Section

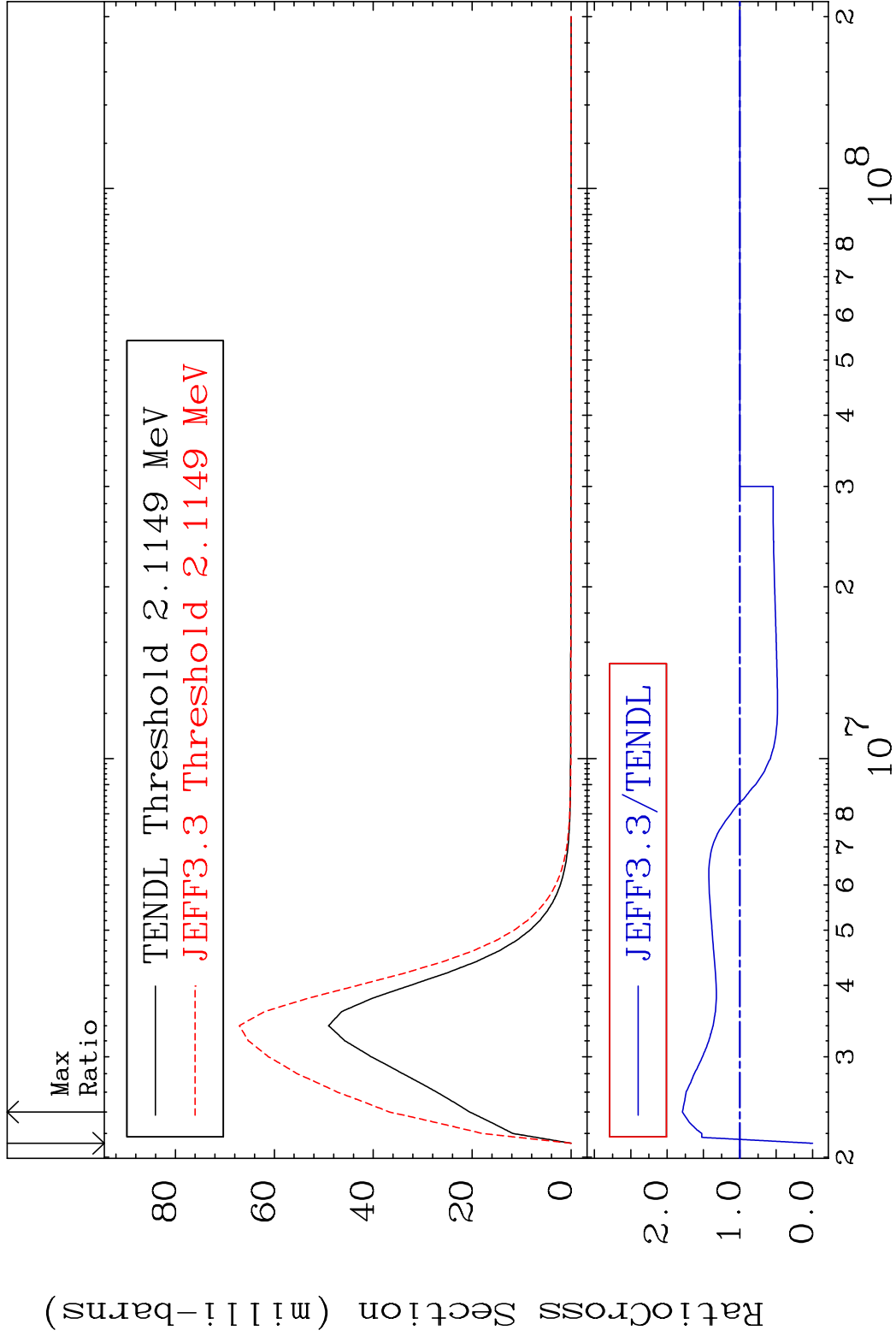
-0.014 To 8.463 %



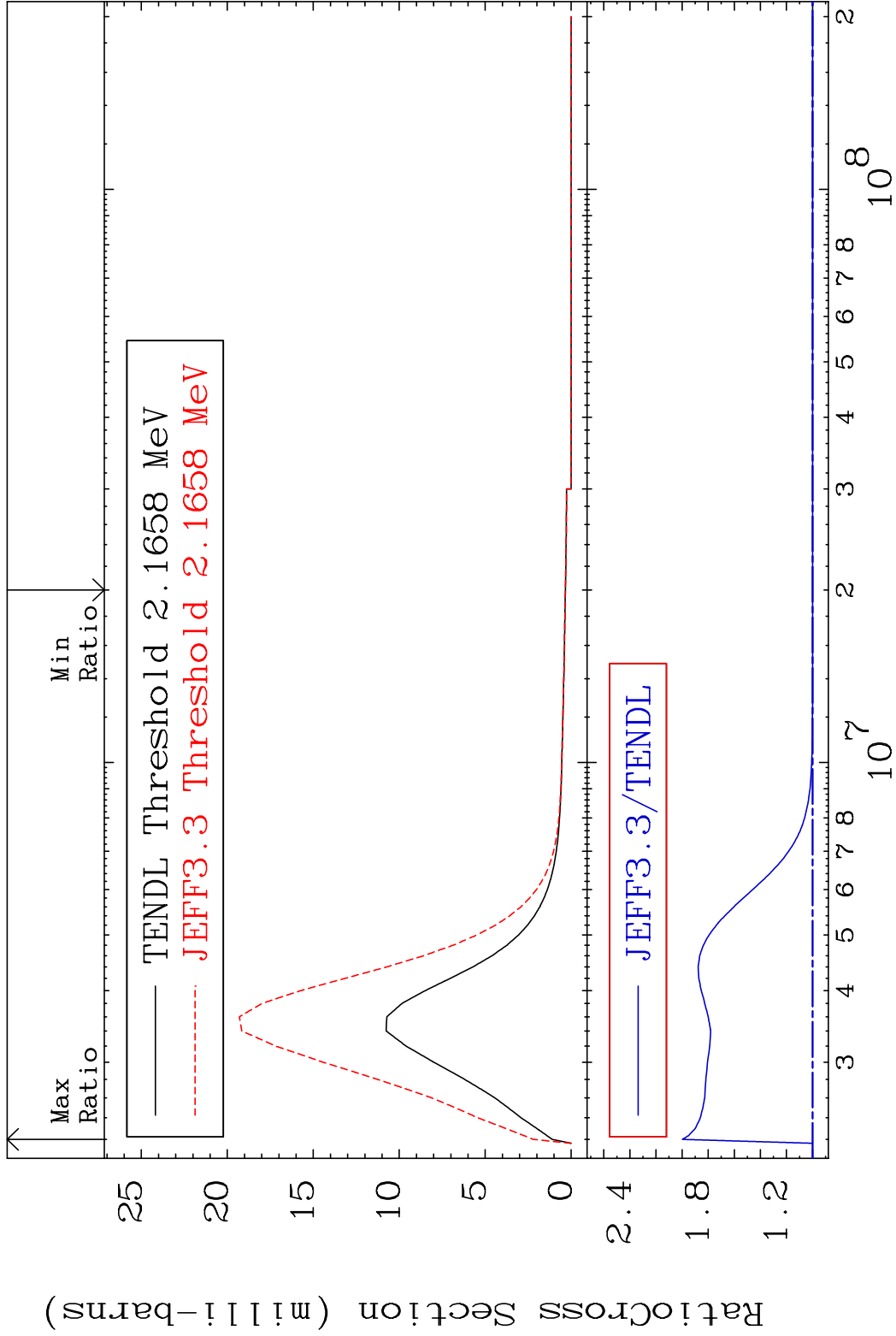




MAT 5537 MT= 66 (n,n') Level 55-Cs-137
Cross Section -100.0 To 79.03 %



MAT 5537 MT= 67 (n,n') Level 55-Cs-137
Cross Section 0.000 To 99.80 %



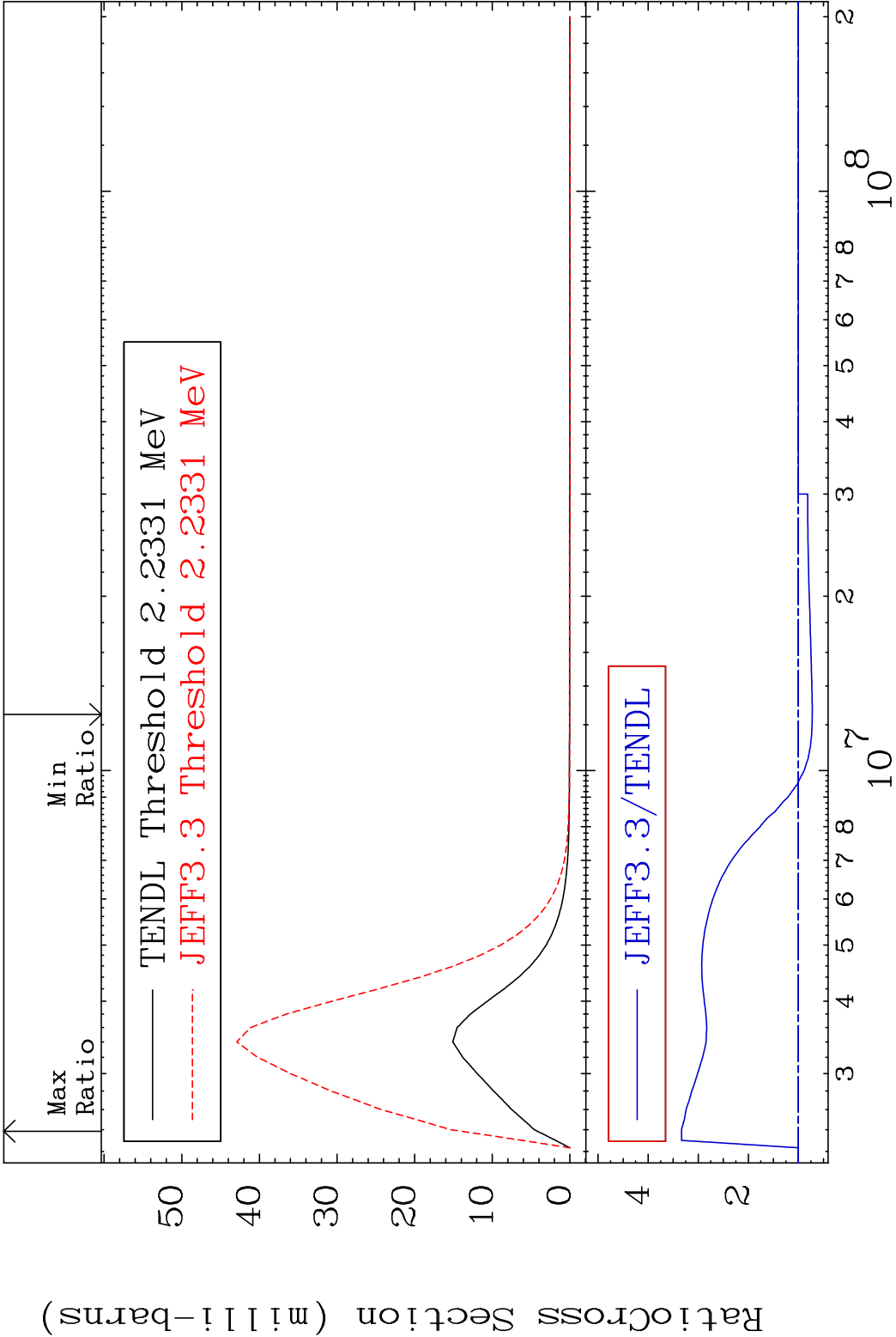
MAT 5537

MT= 68 (n,n') Level

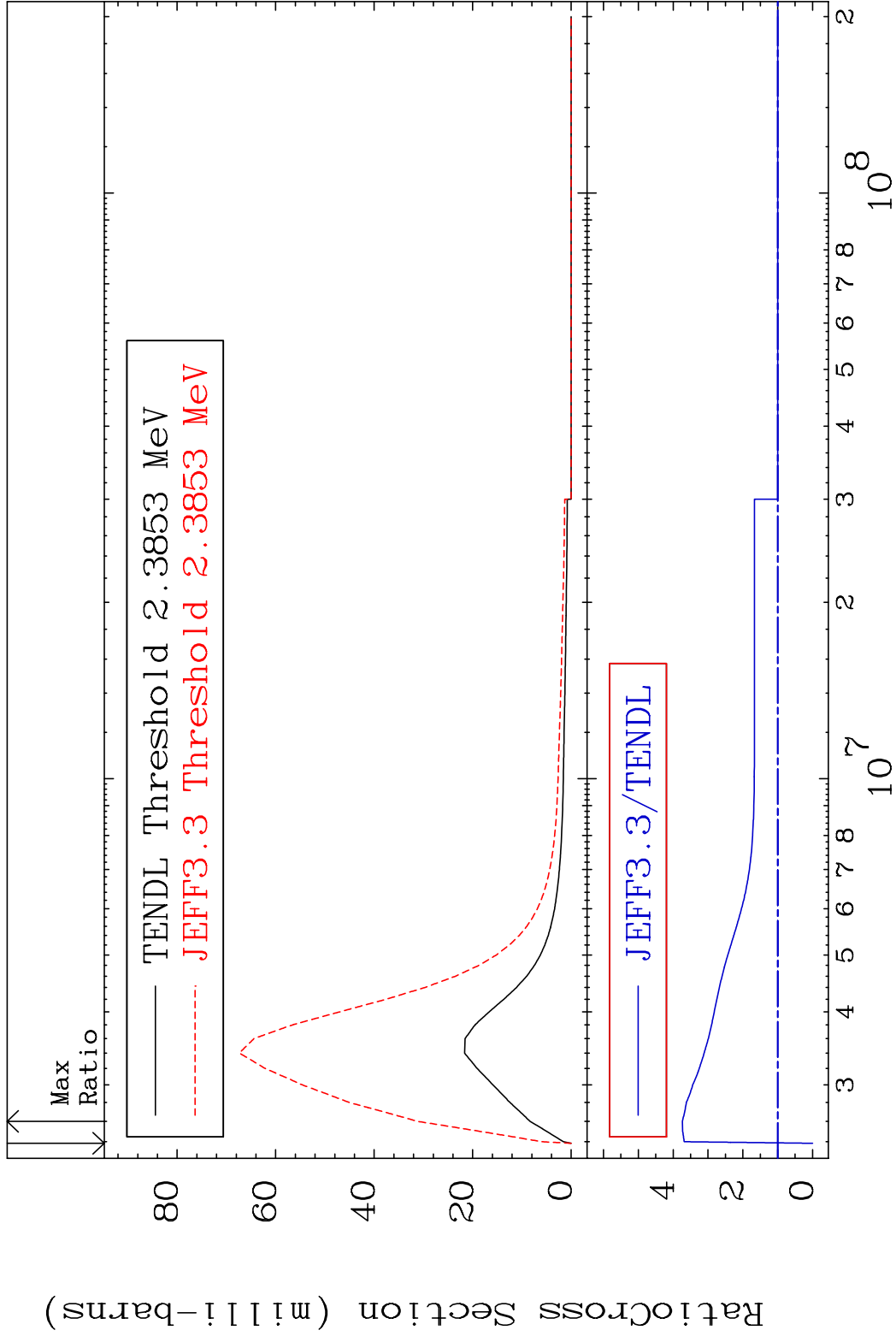
55-Cs-137

Cross Section

-27.59 To 233.3 %



MAT 5537 MT= 69 (n,n') Level 55-Cs-137
Cross Section -100.0 To 273.6 %



MAT 5537

MT= 70 (n,n')

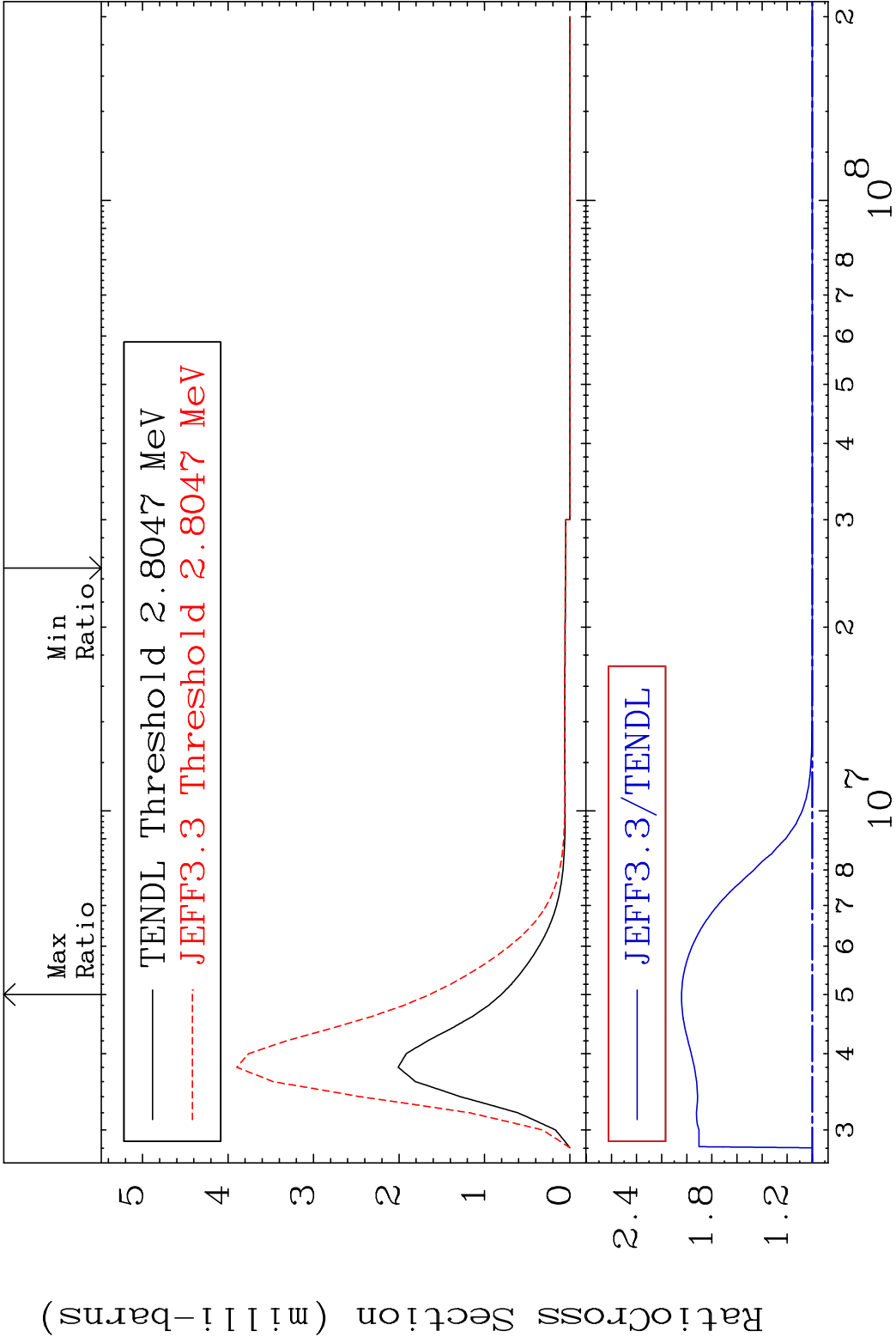
Level

55-Cs-137

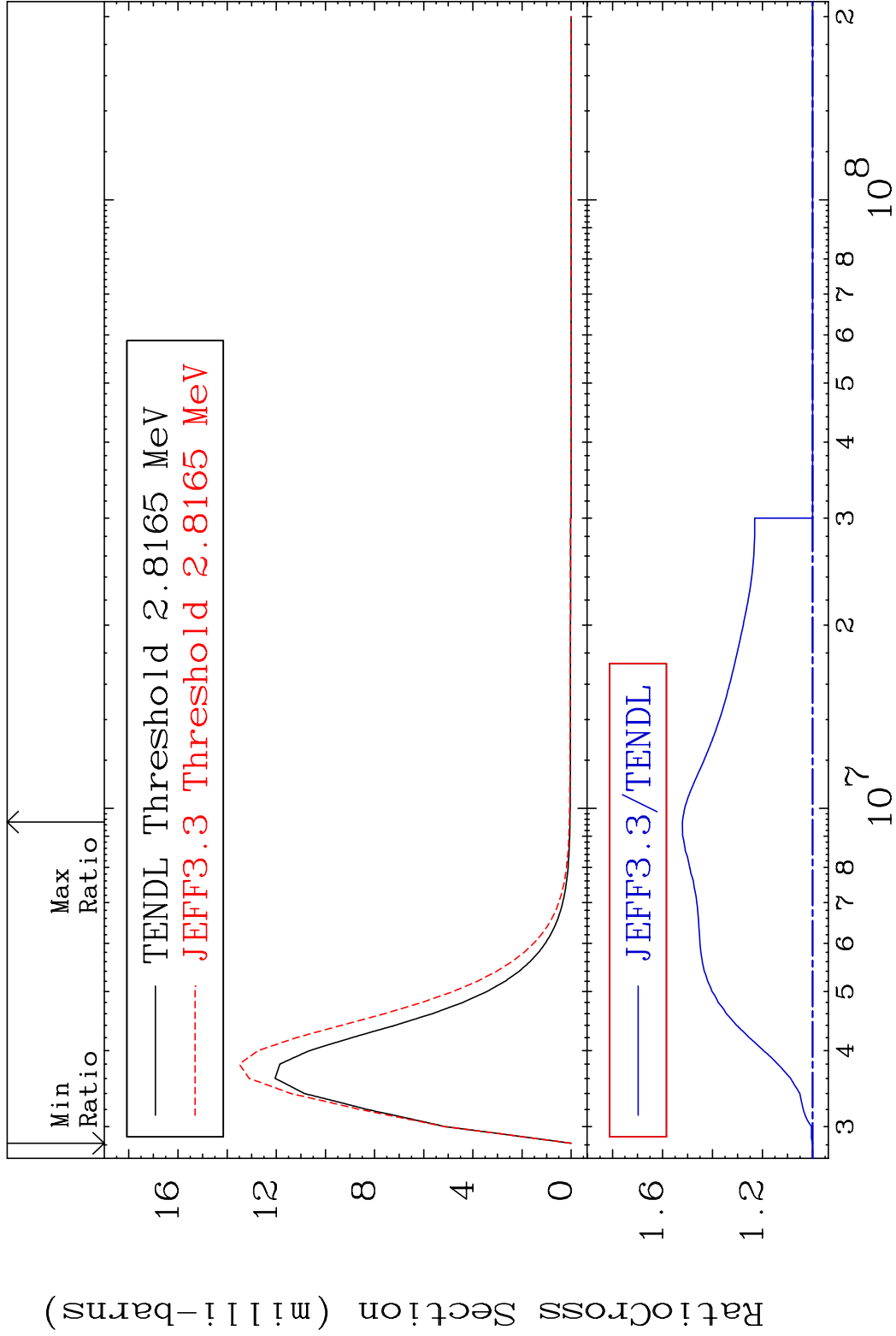
Cross Section

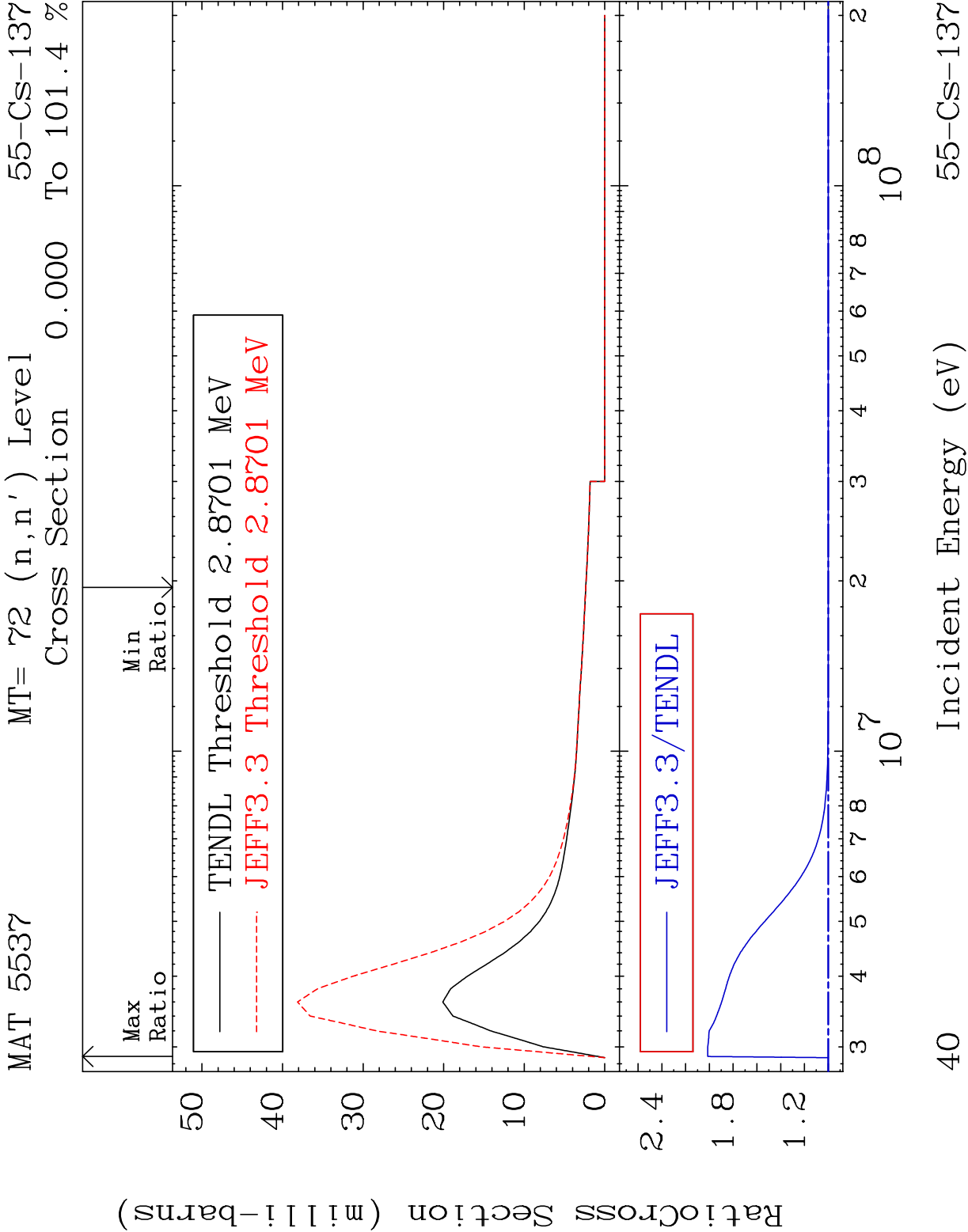
0.000

To 104.2 %



MAT 5537 MT= 71 (n,n') Level 55-Cs-137
Cross Section 0.000 To 52.07 %





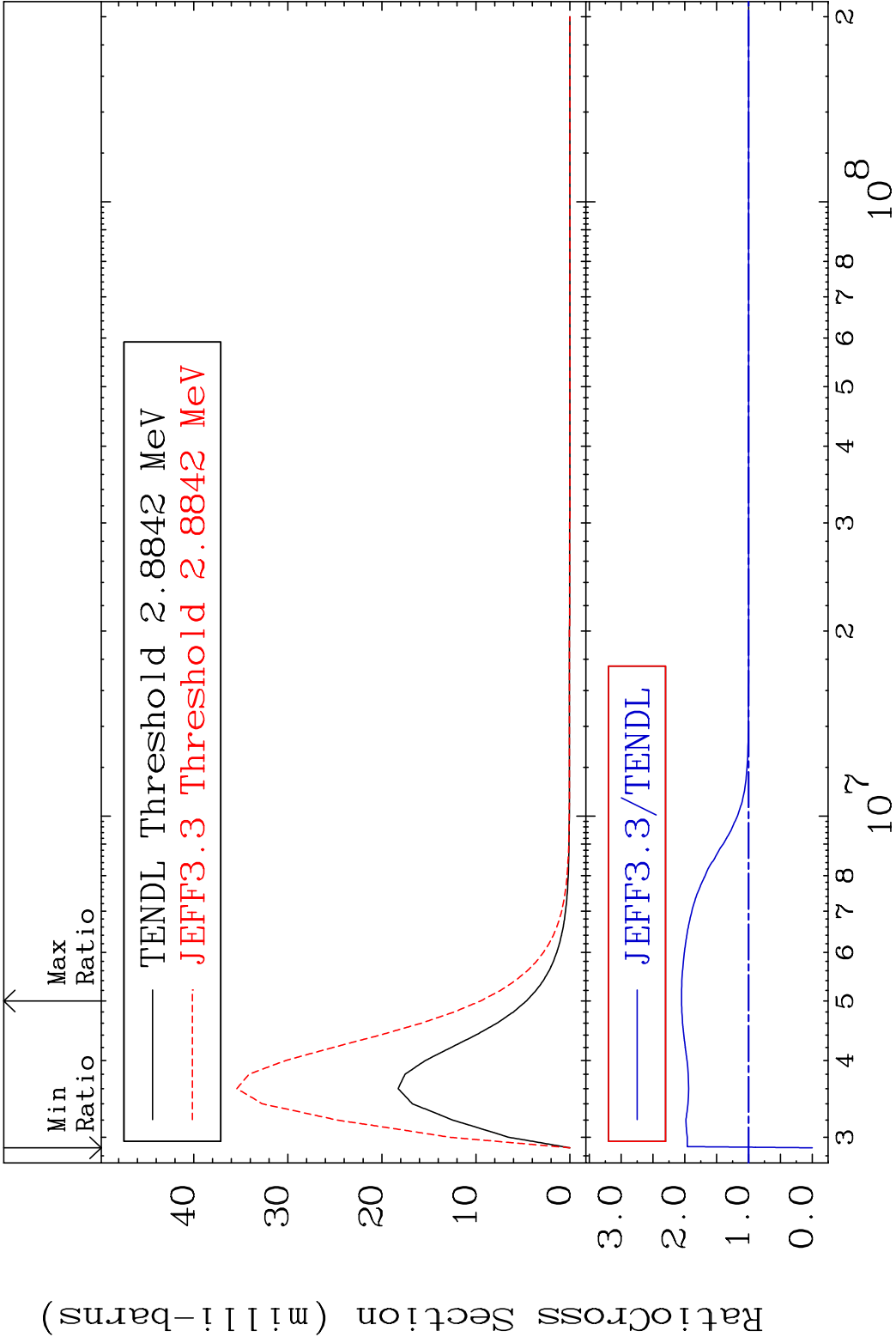
MAT 5537

MT= 73 (n,n') Level

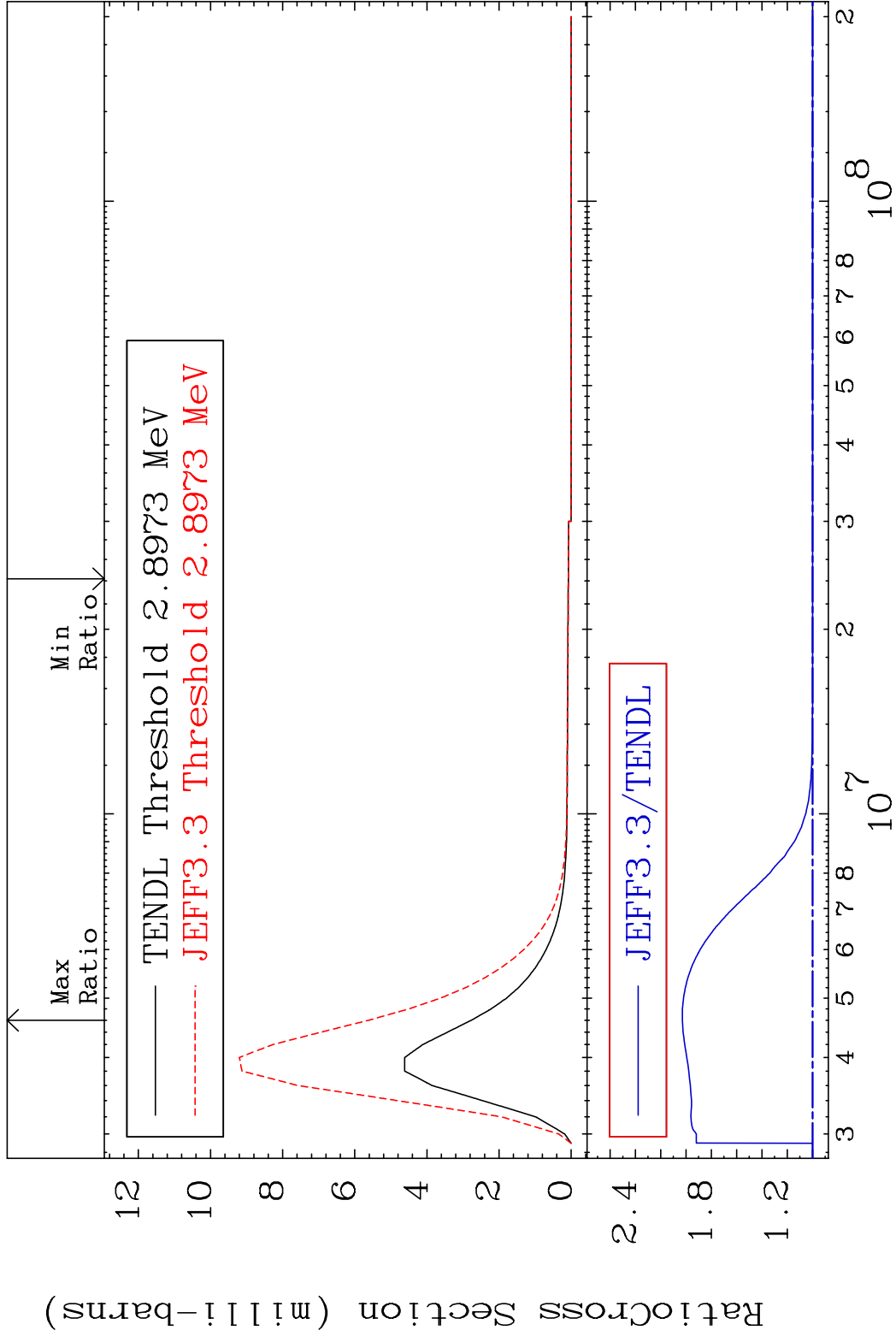
55-Cs-137

Cross Section

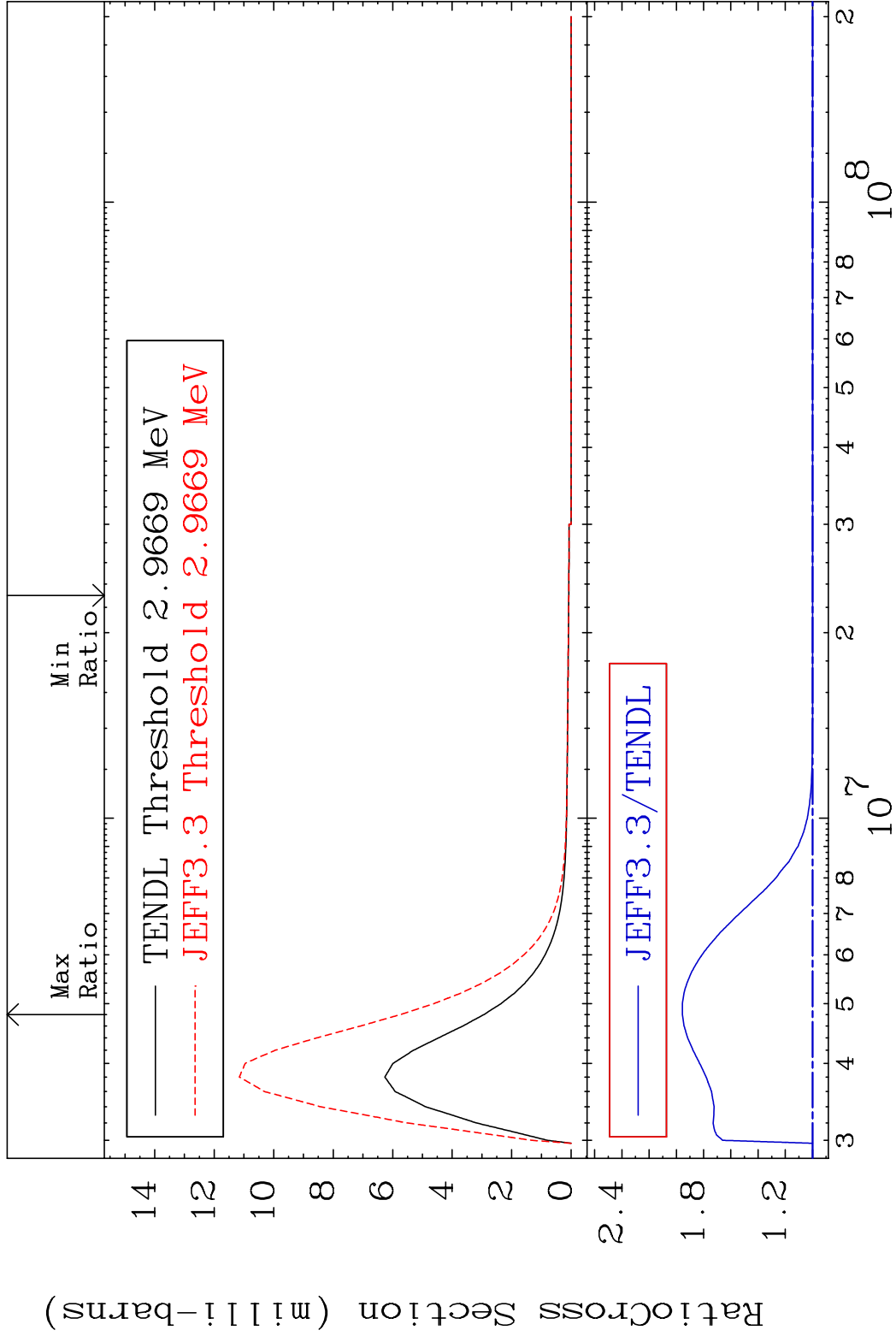
-100.0 To 105.2 %



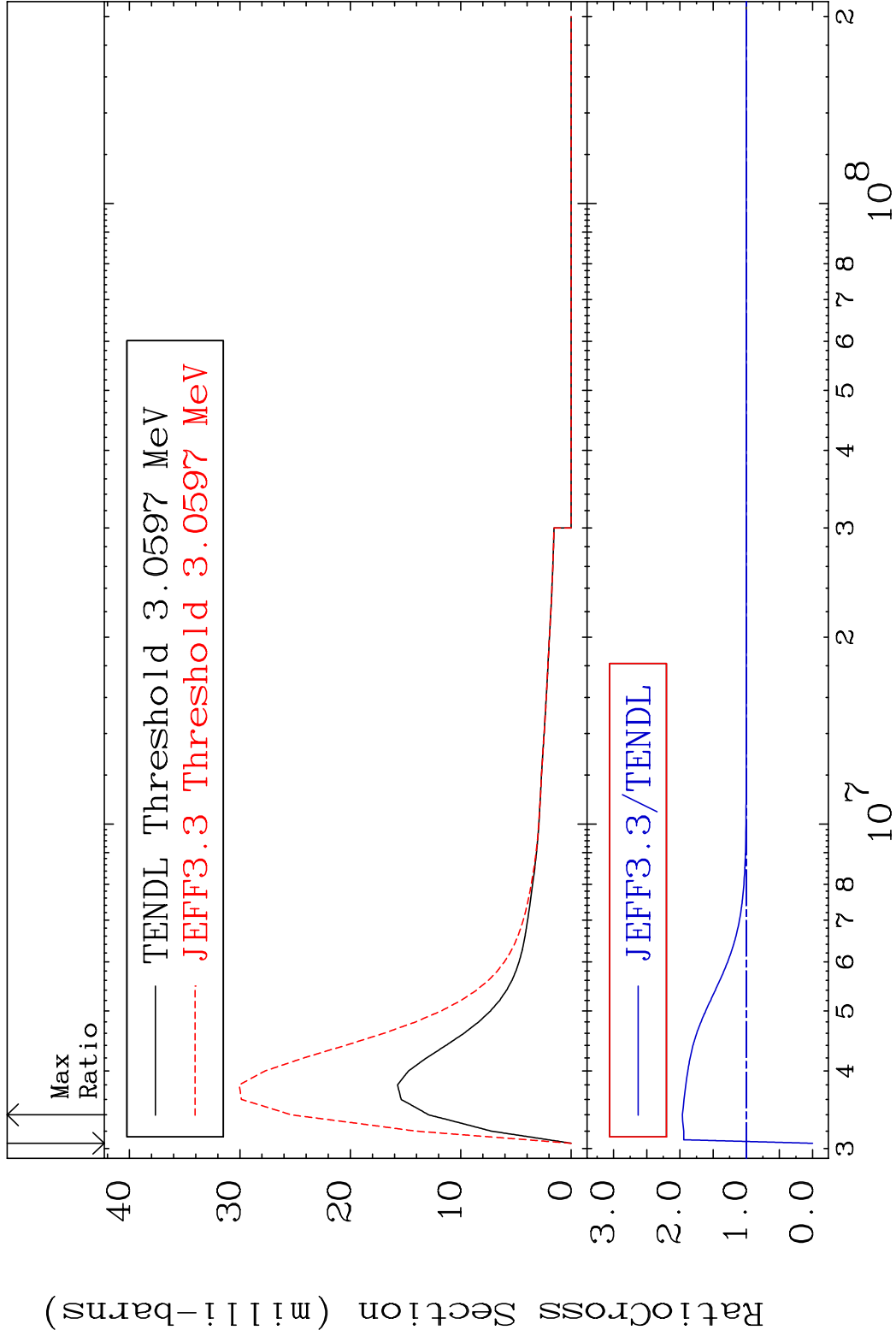
MAT 5537MT= 74 (n,n') Level55-Cs-137
Cross Section0.000To 102.9 %

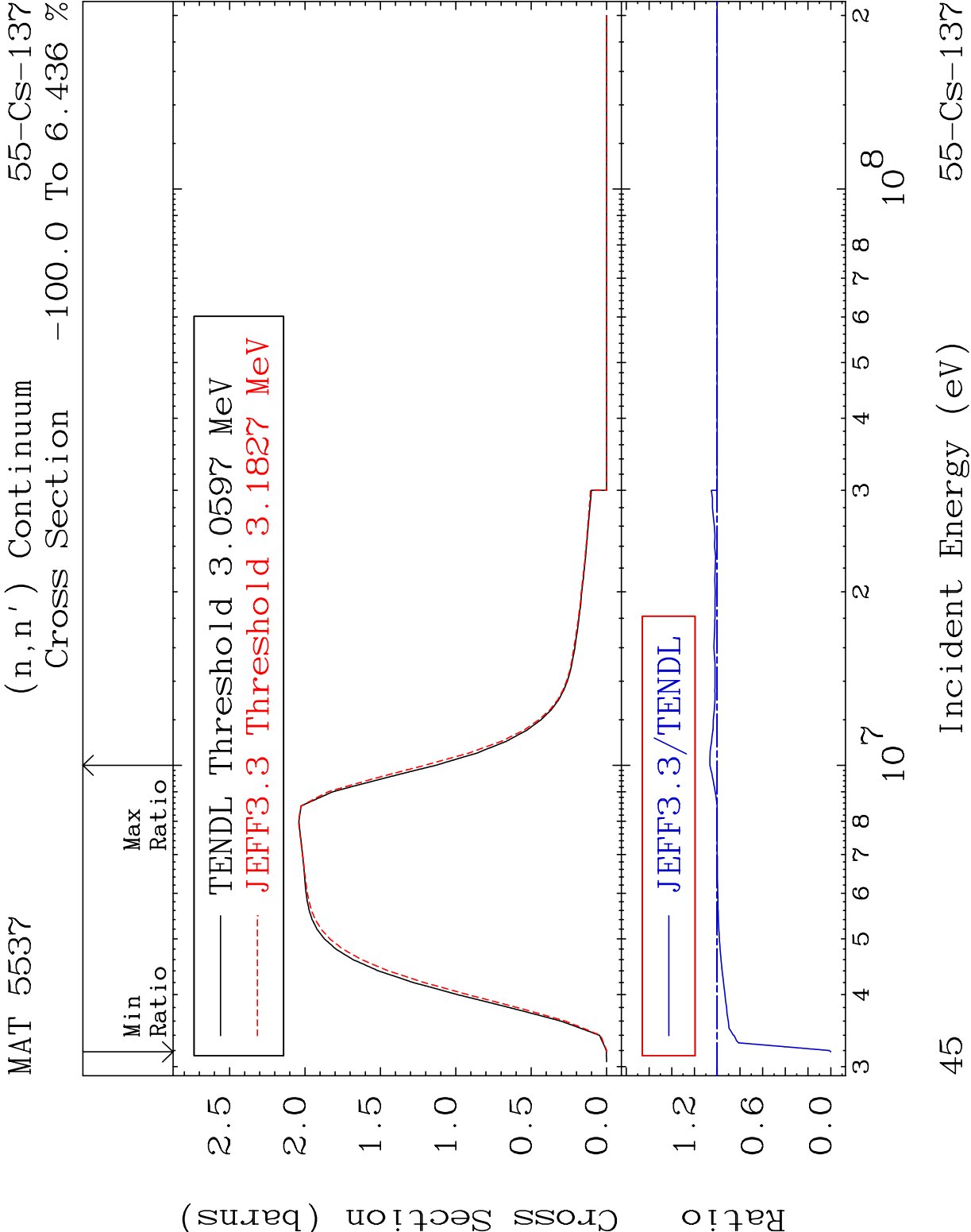


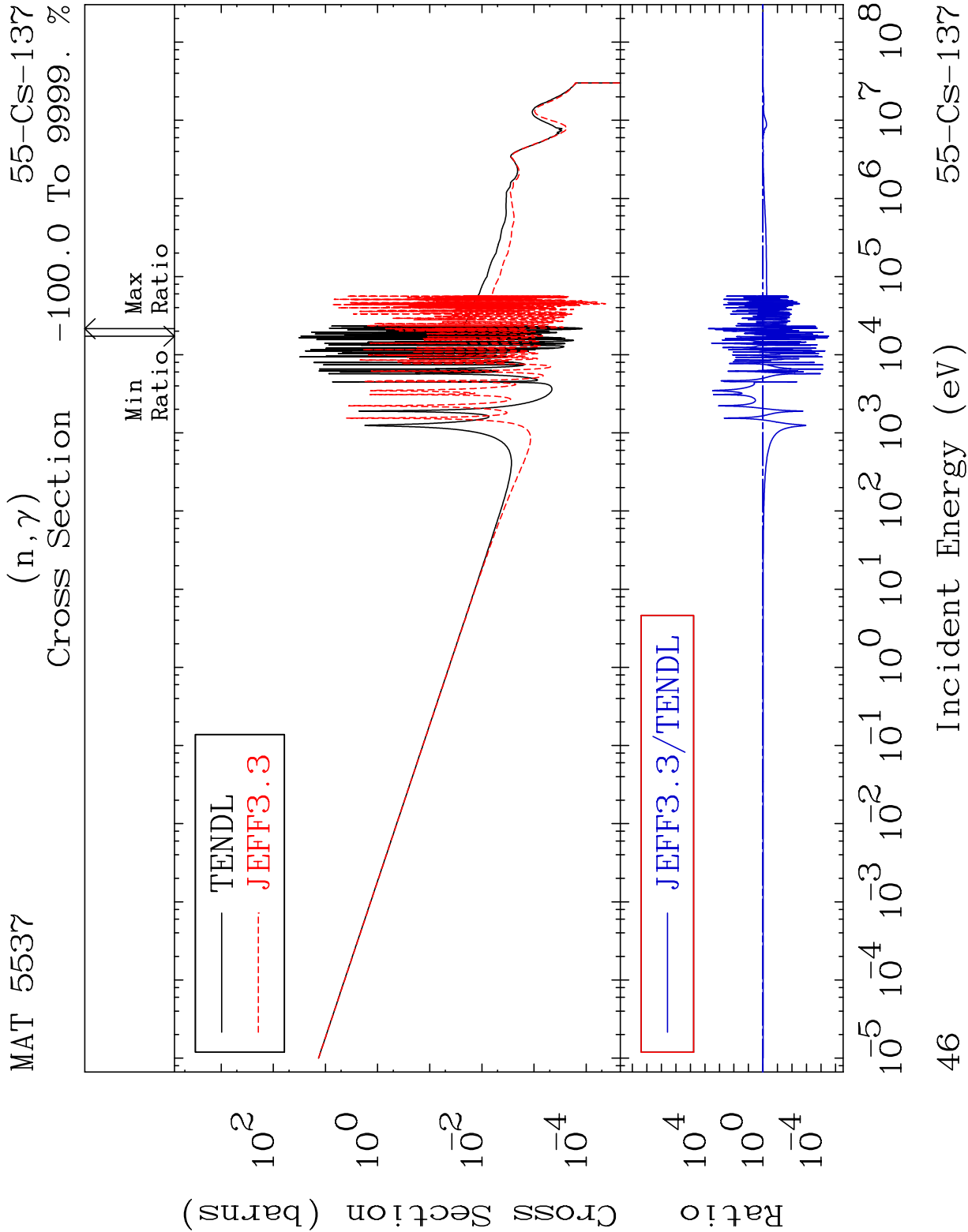
MAT 5537 MT= 75 (n,n') Level 55-Cs-137
Cross Section 0.000 To 95.61 %

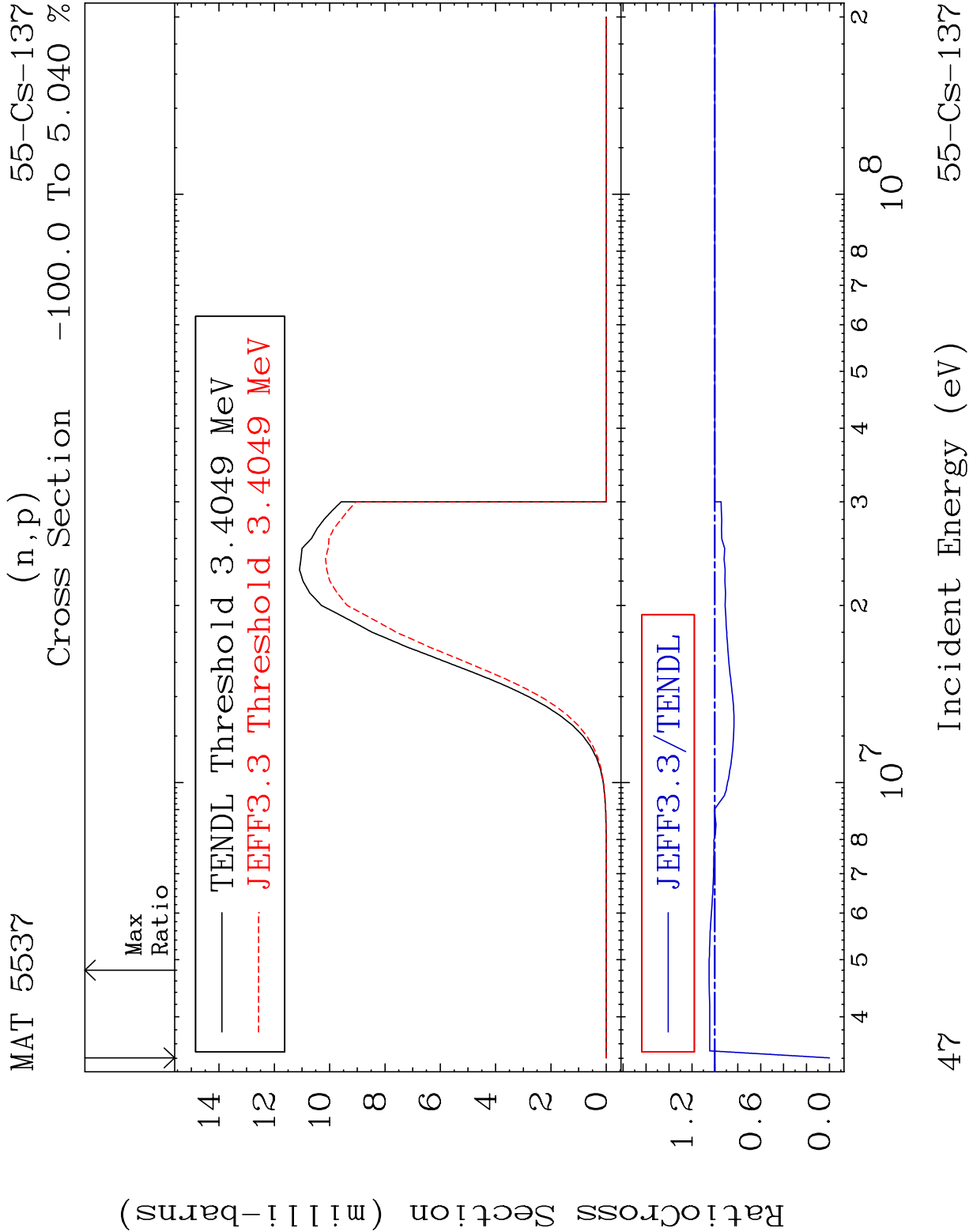


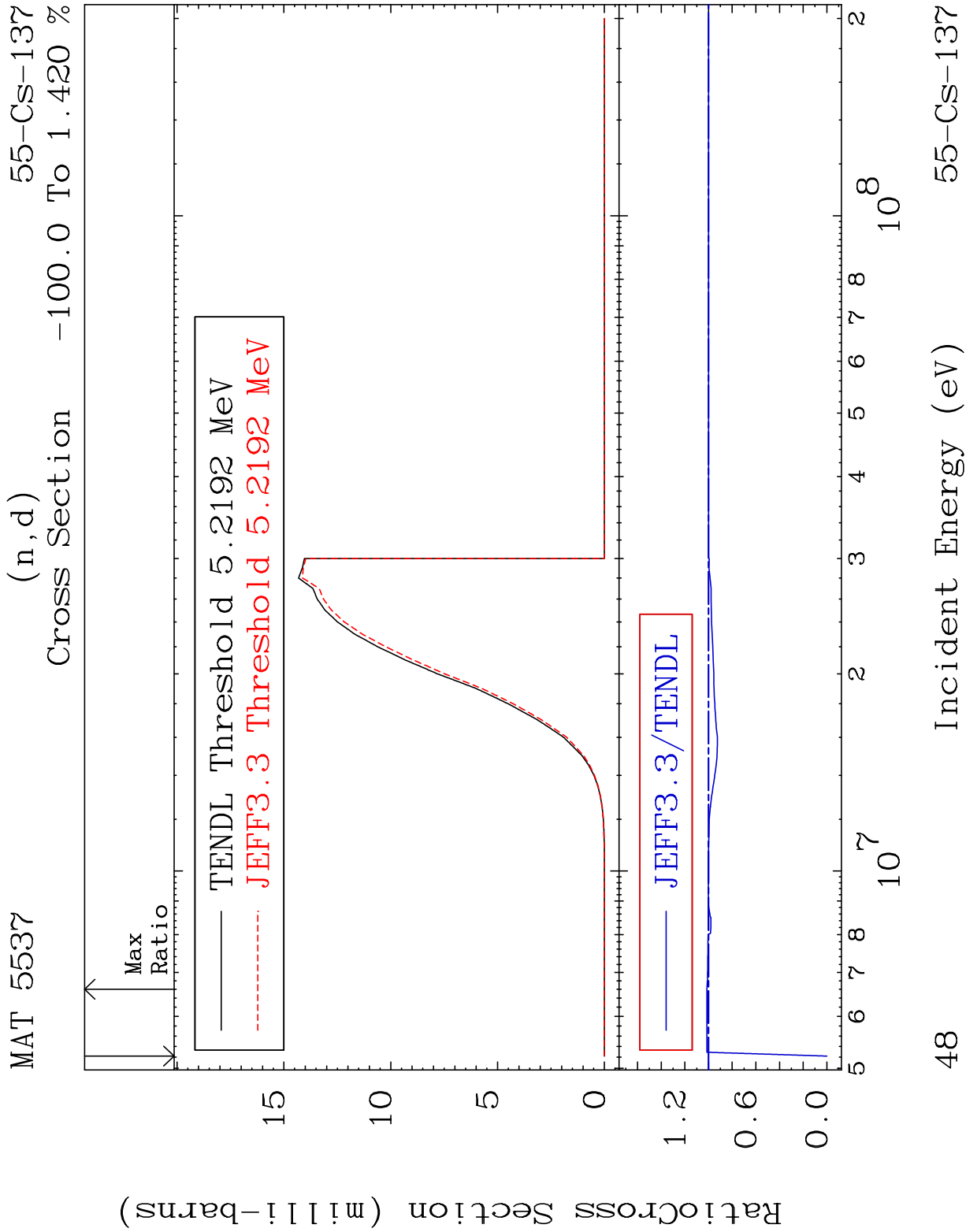
MAT 5537 MT= 76 (n,n') Level 55-Cs-137
Cross Section -100.0 To 96.34 %

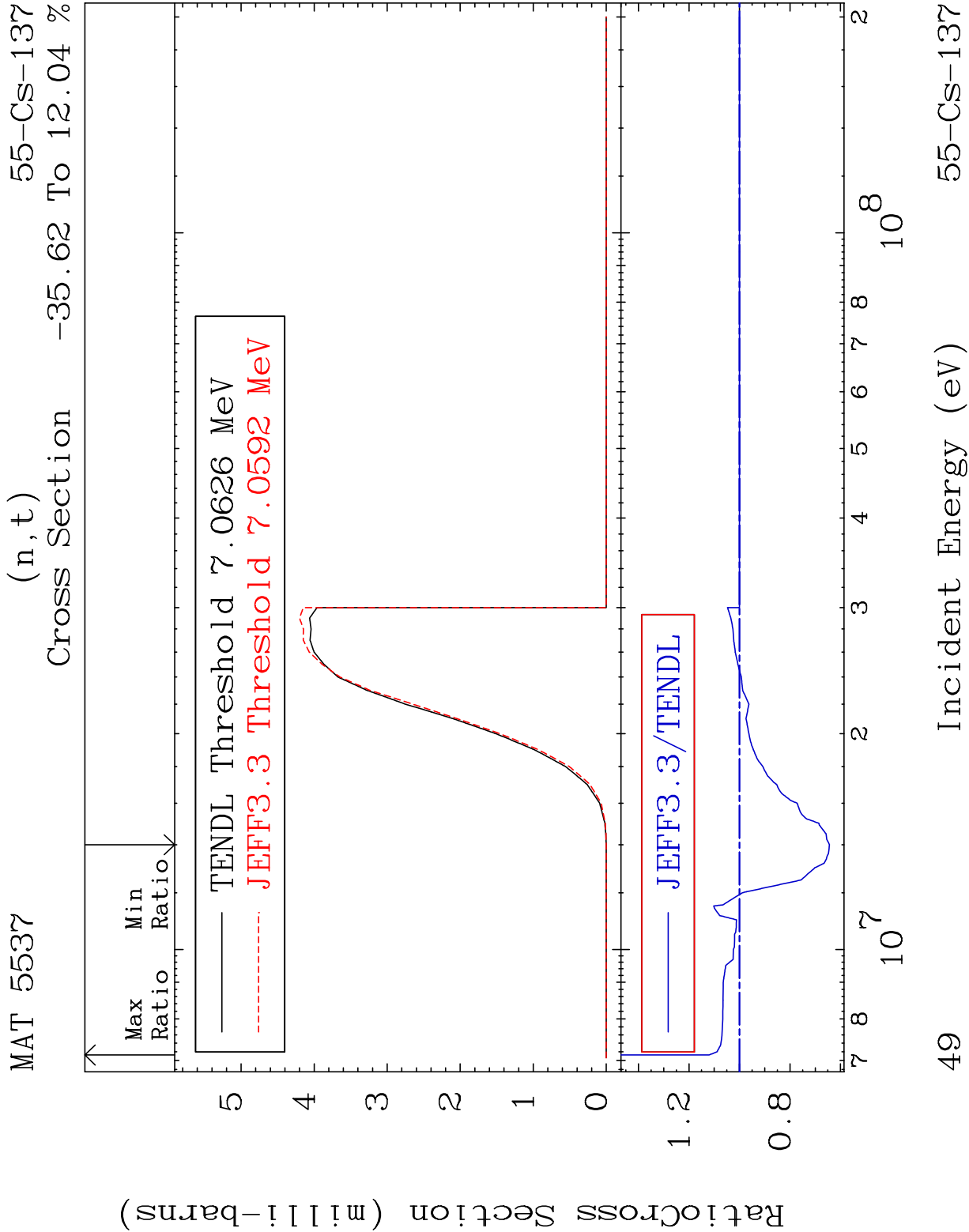


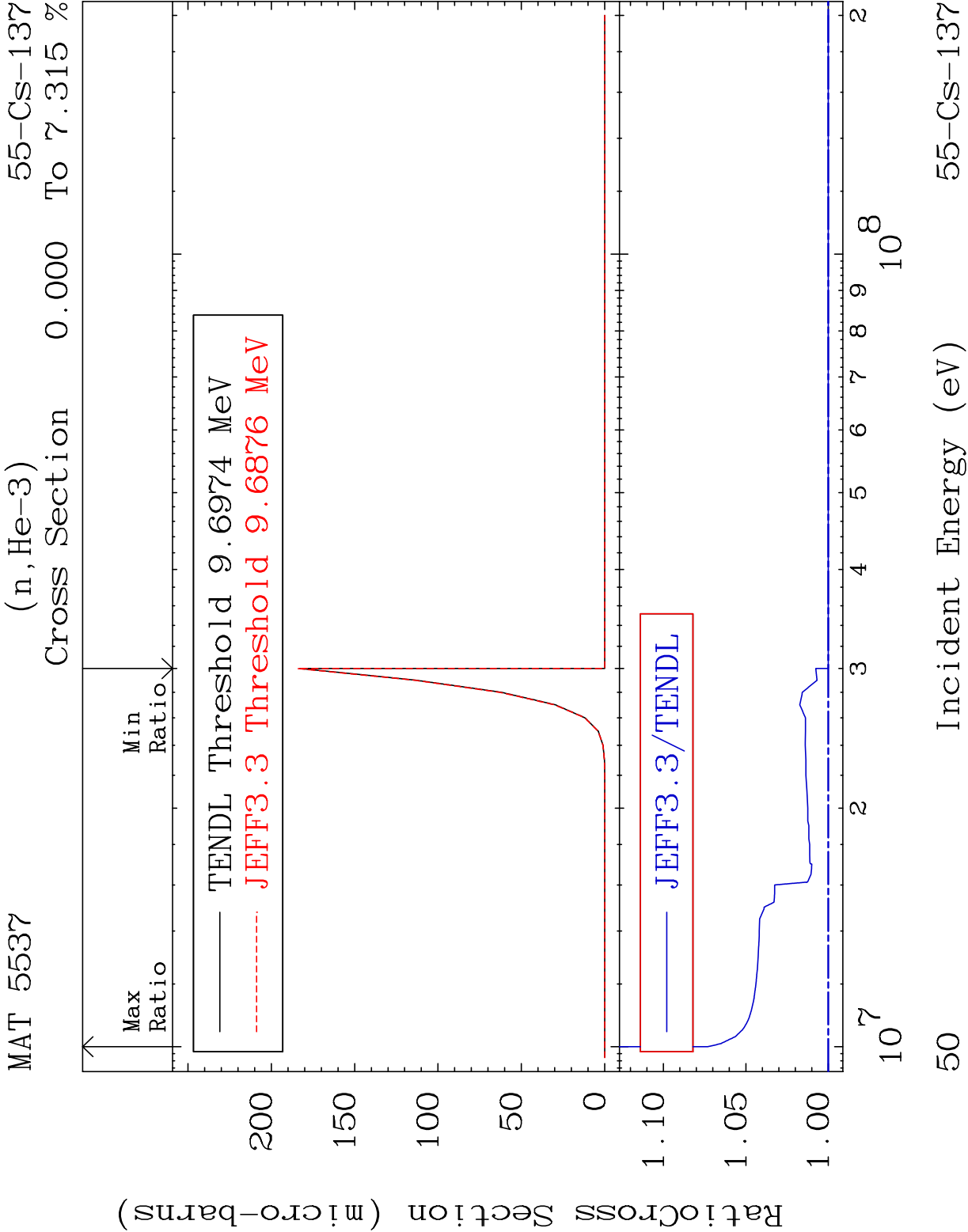












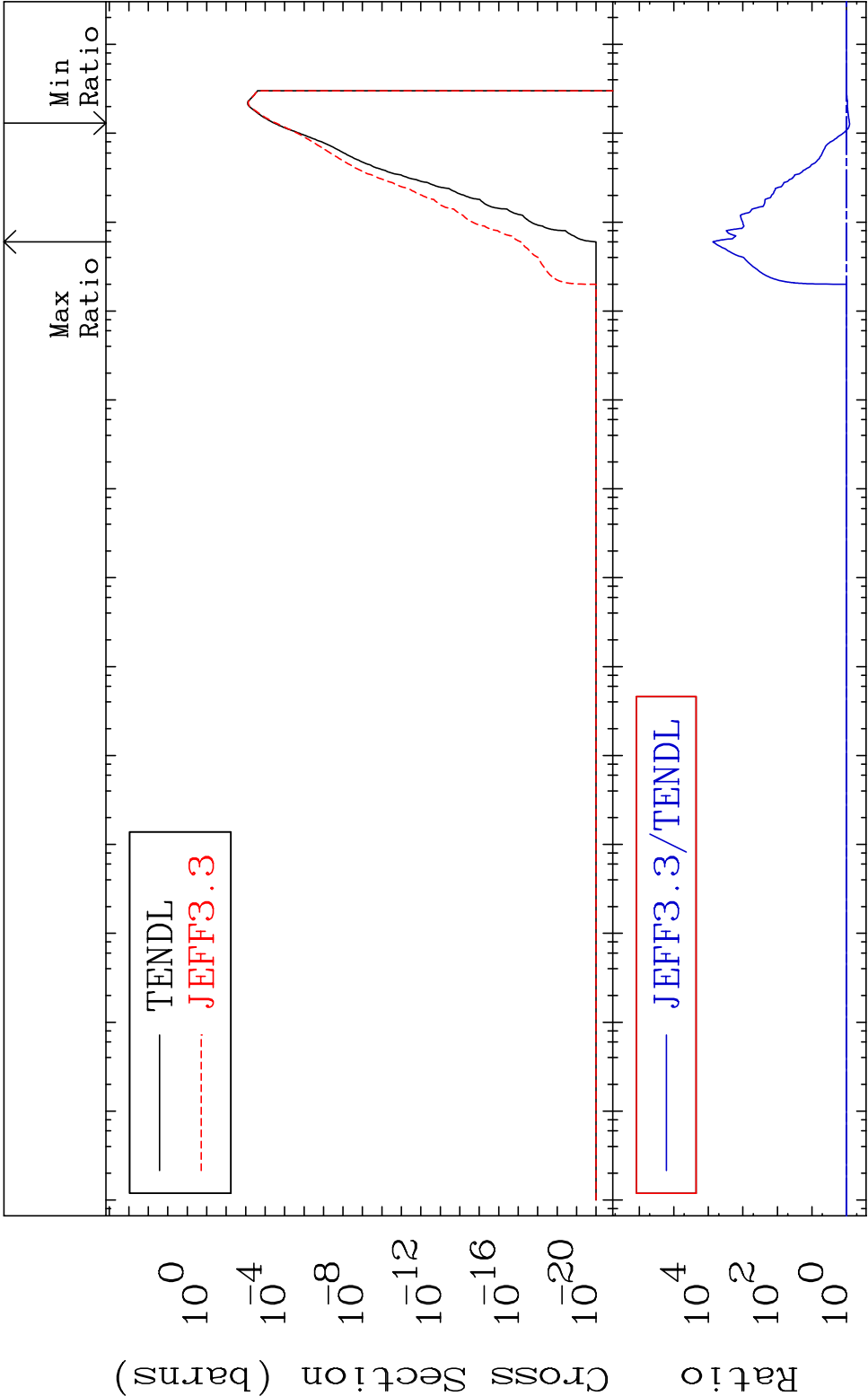
MAT 5537

(n,α)

55-Cs-137

Cross Section

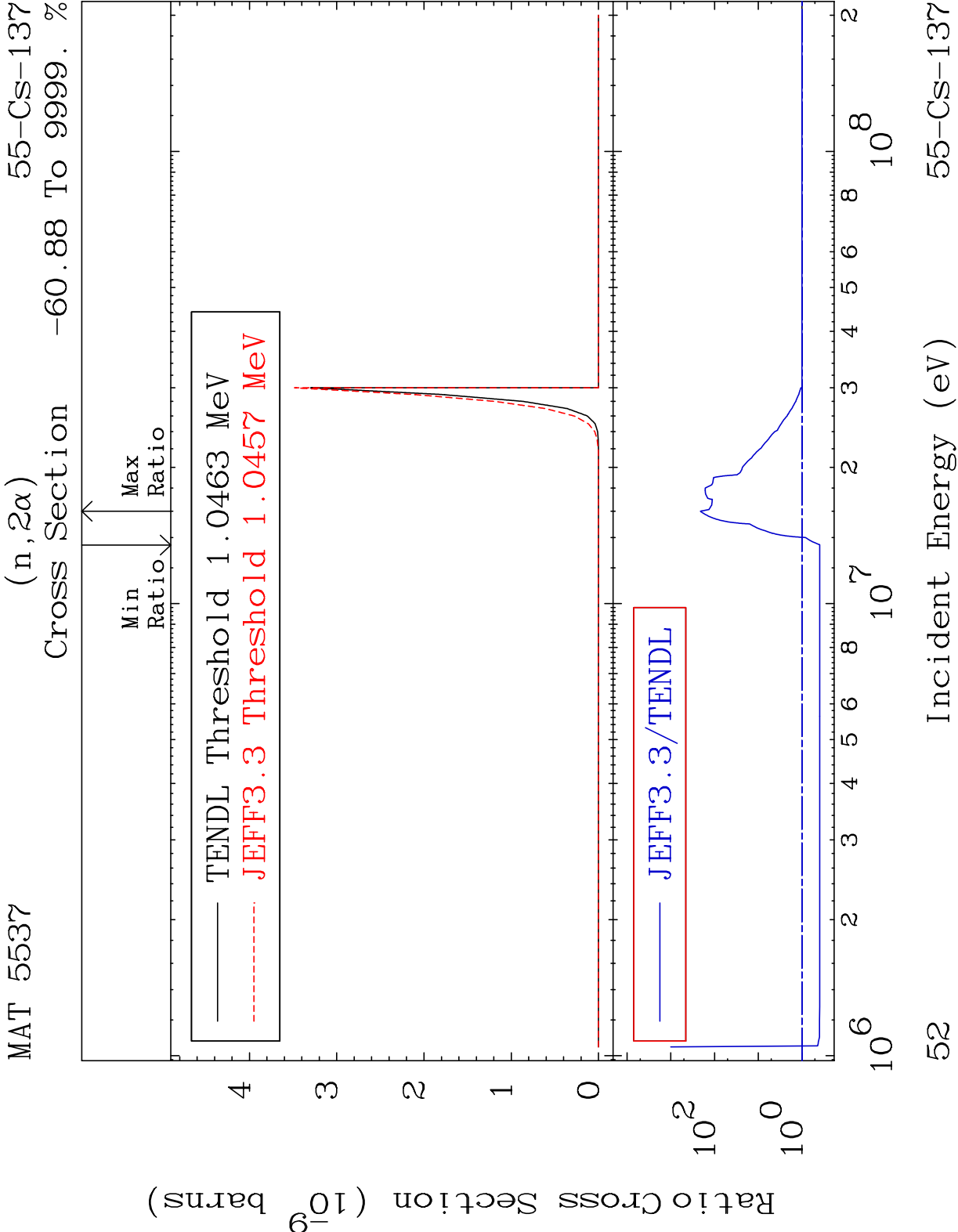
-18.62 To 9999. %

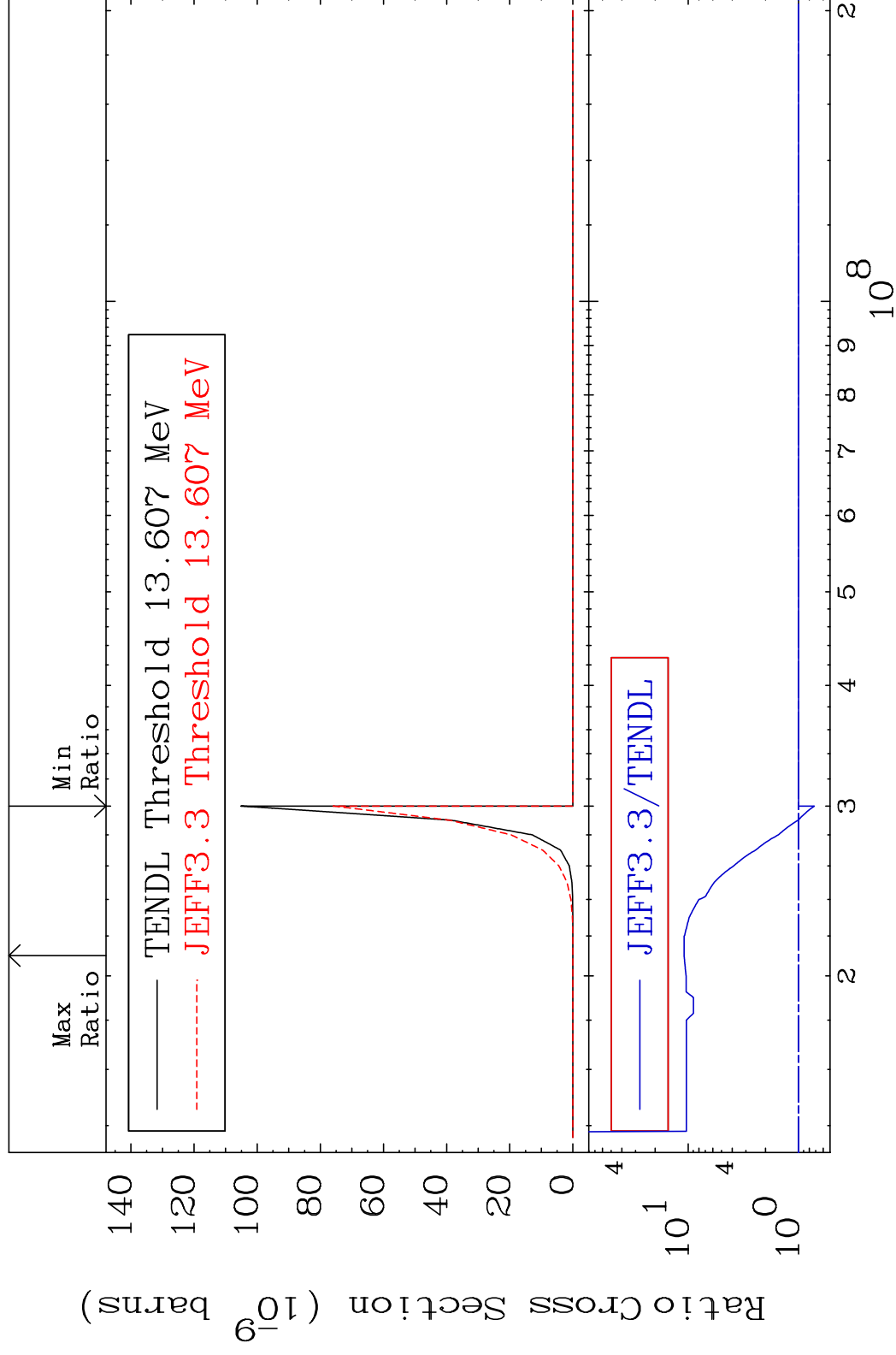


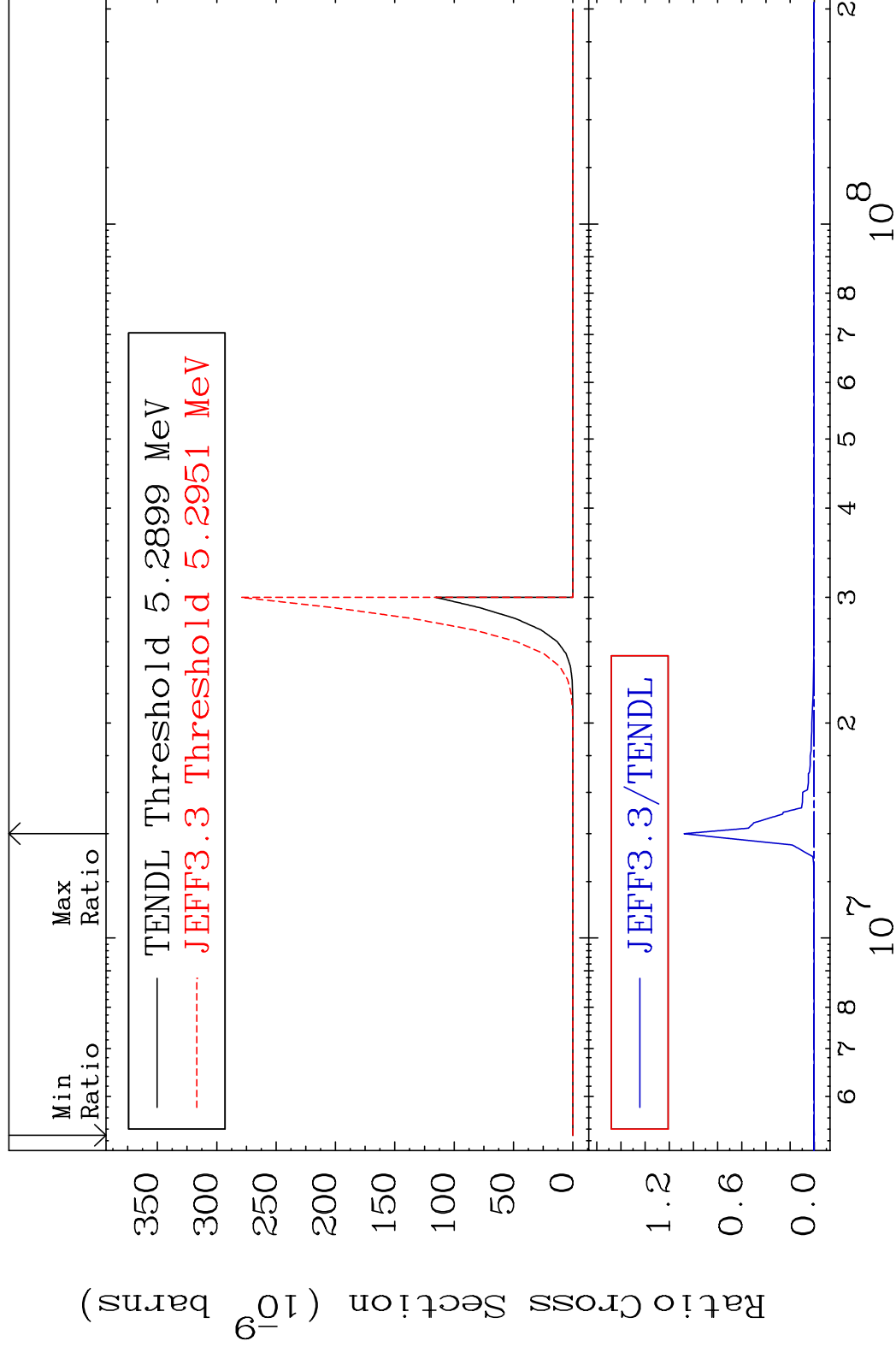
51

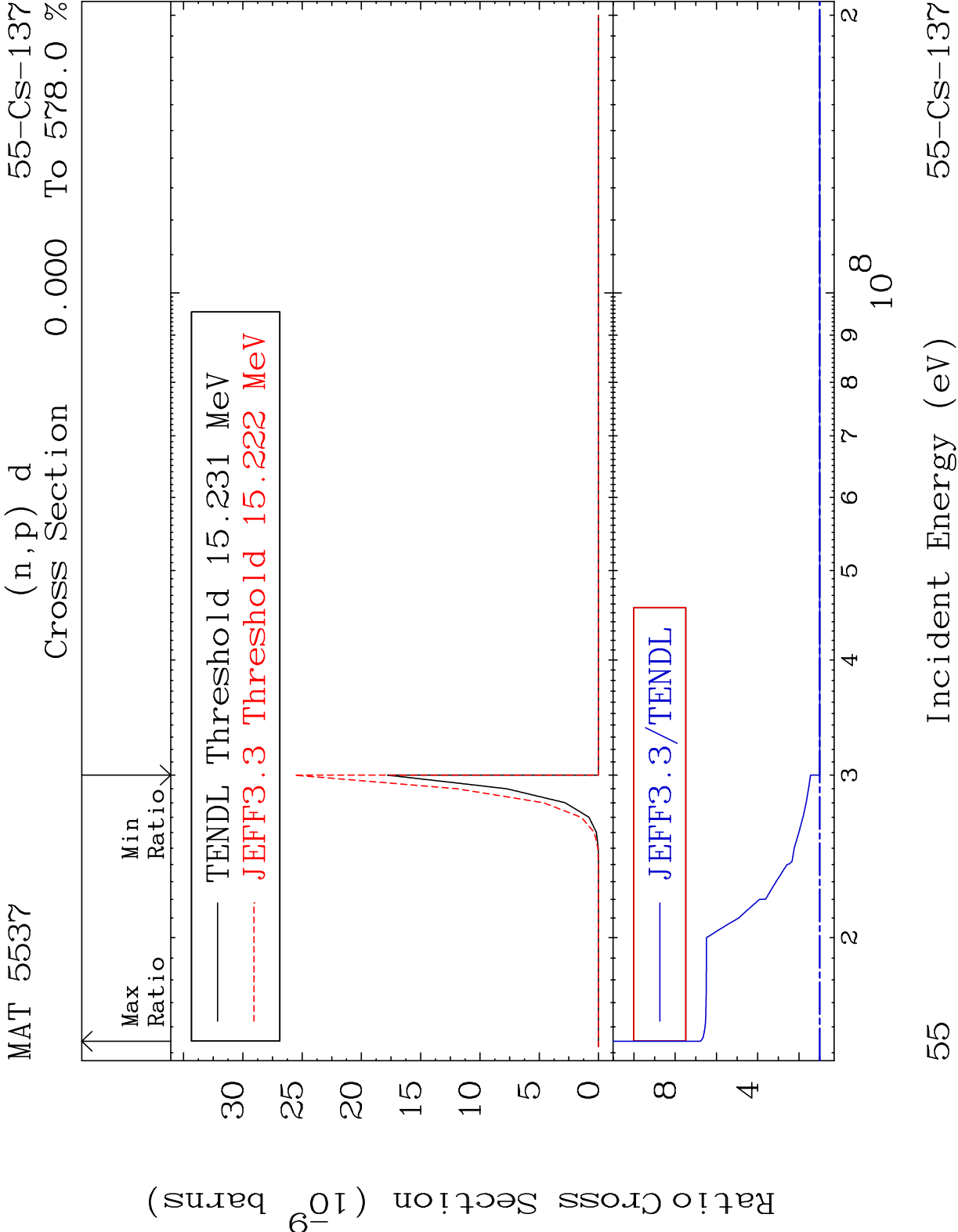
Incident Energy (eV)

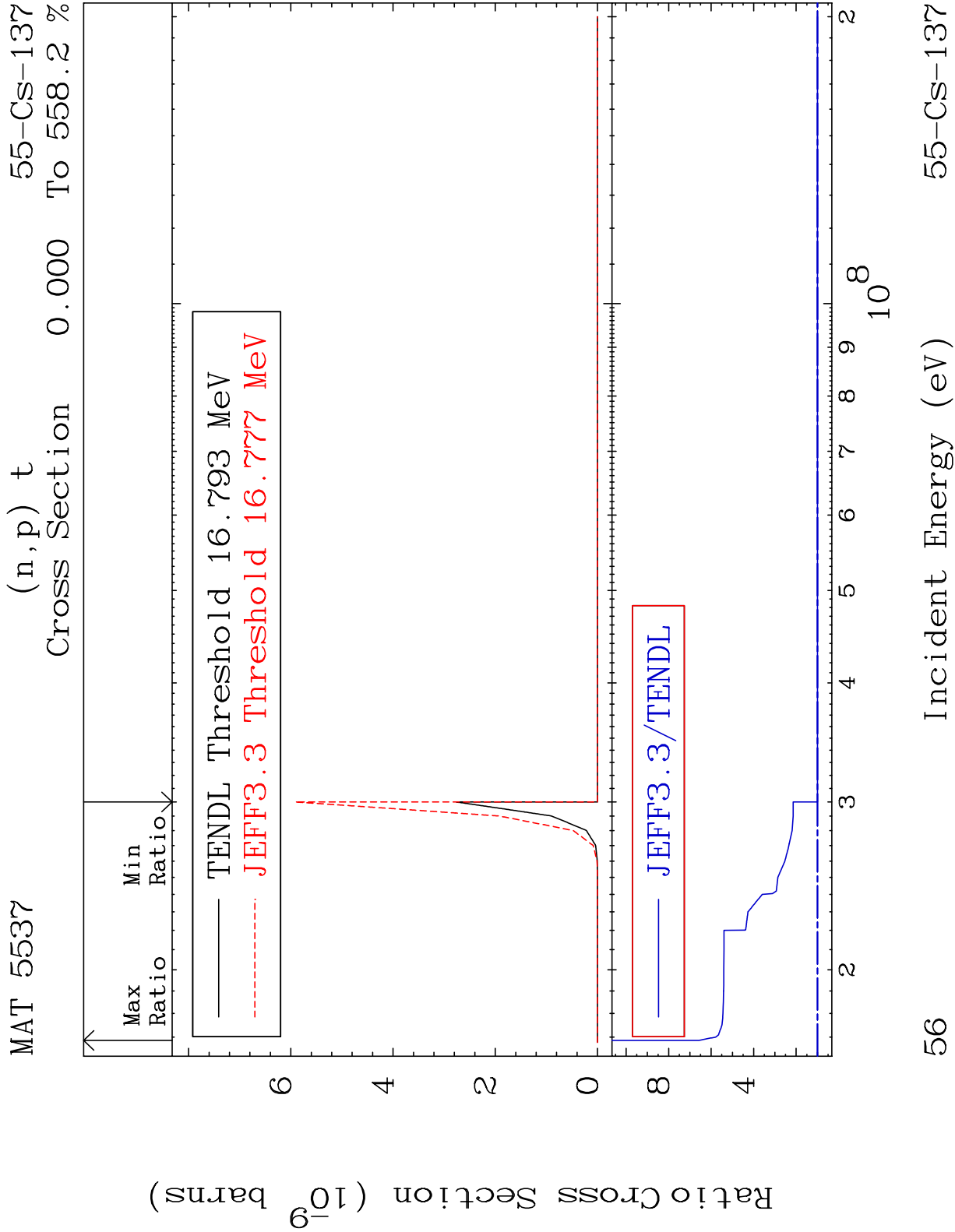
55-Cs-137

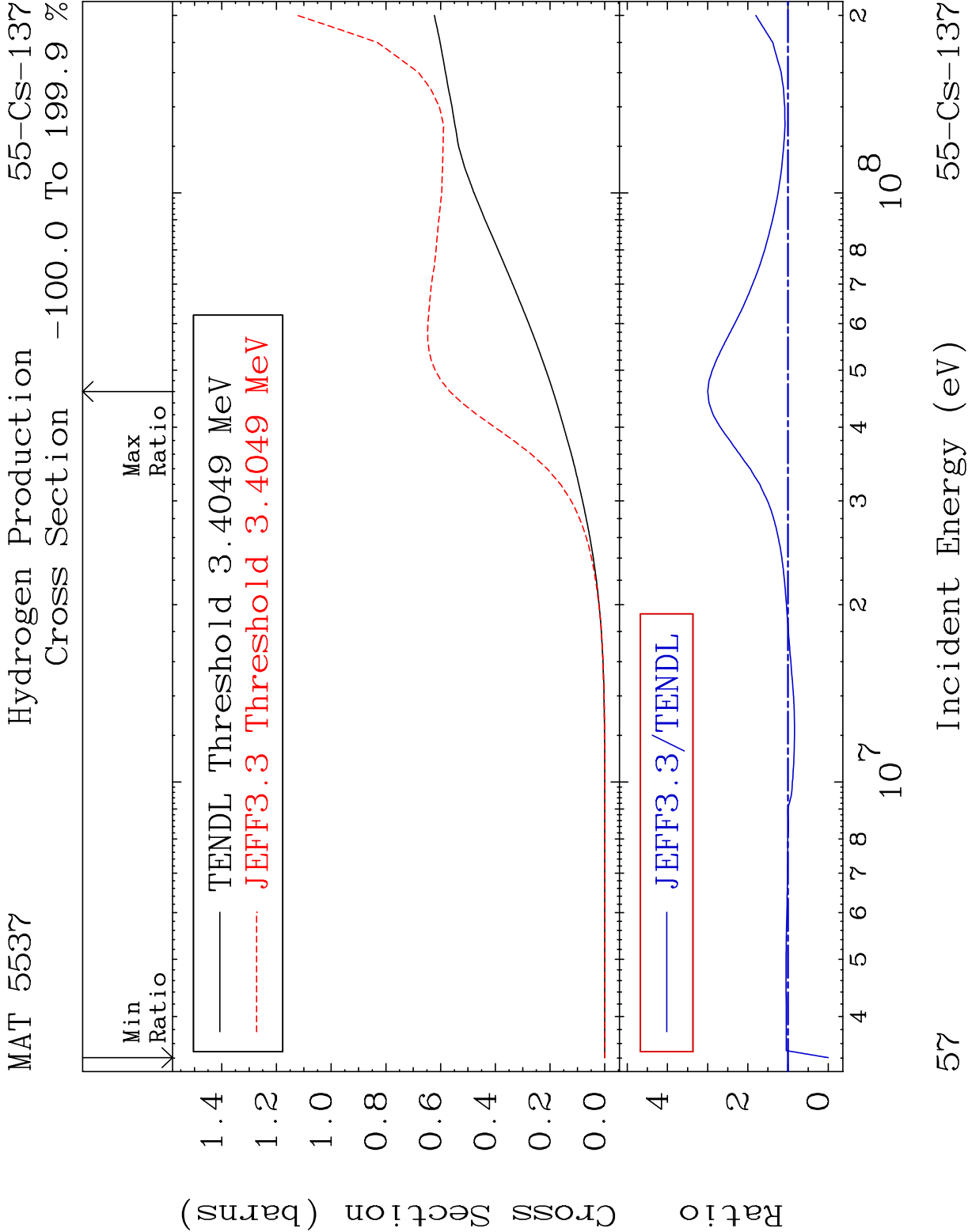


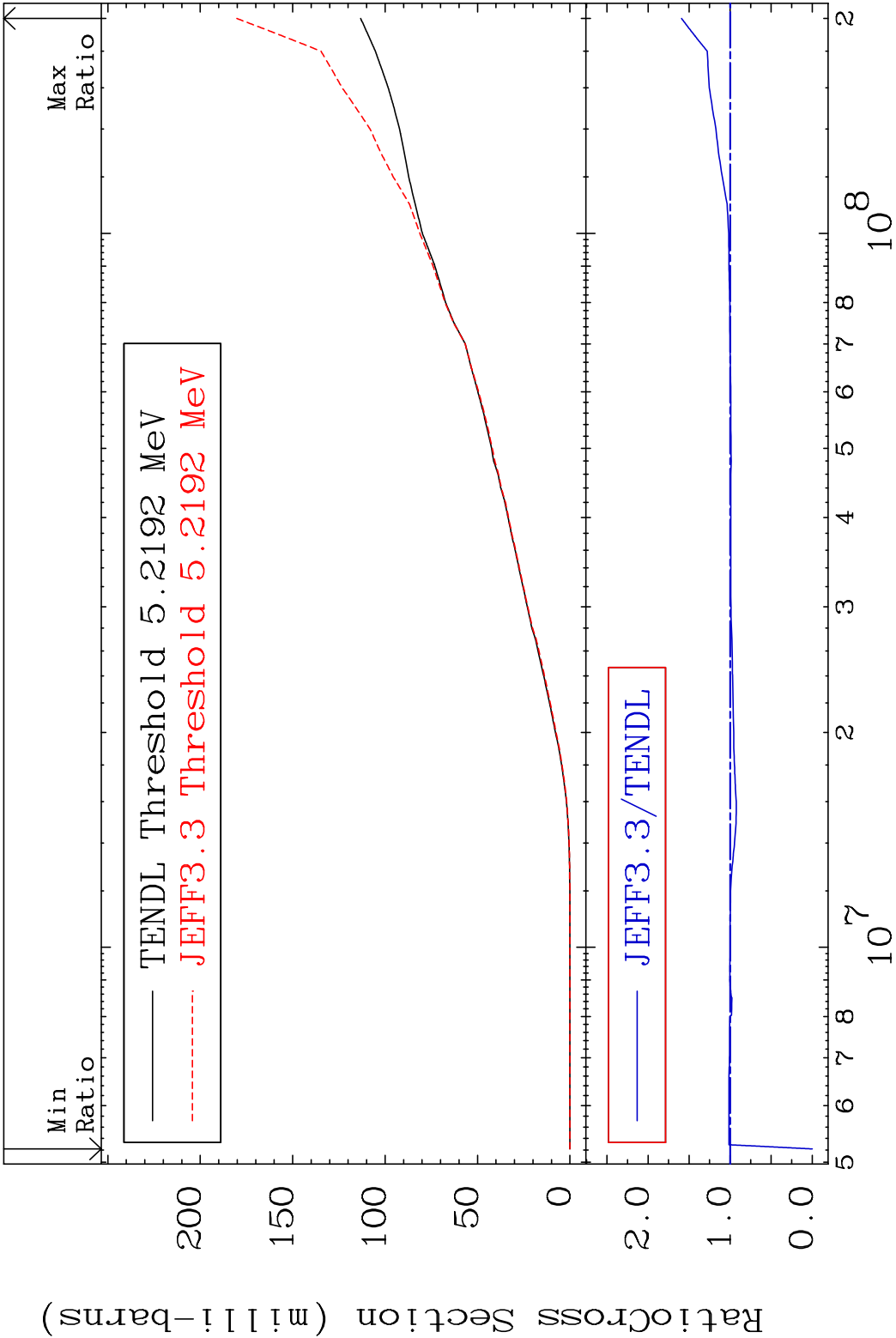


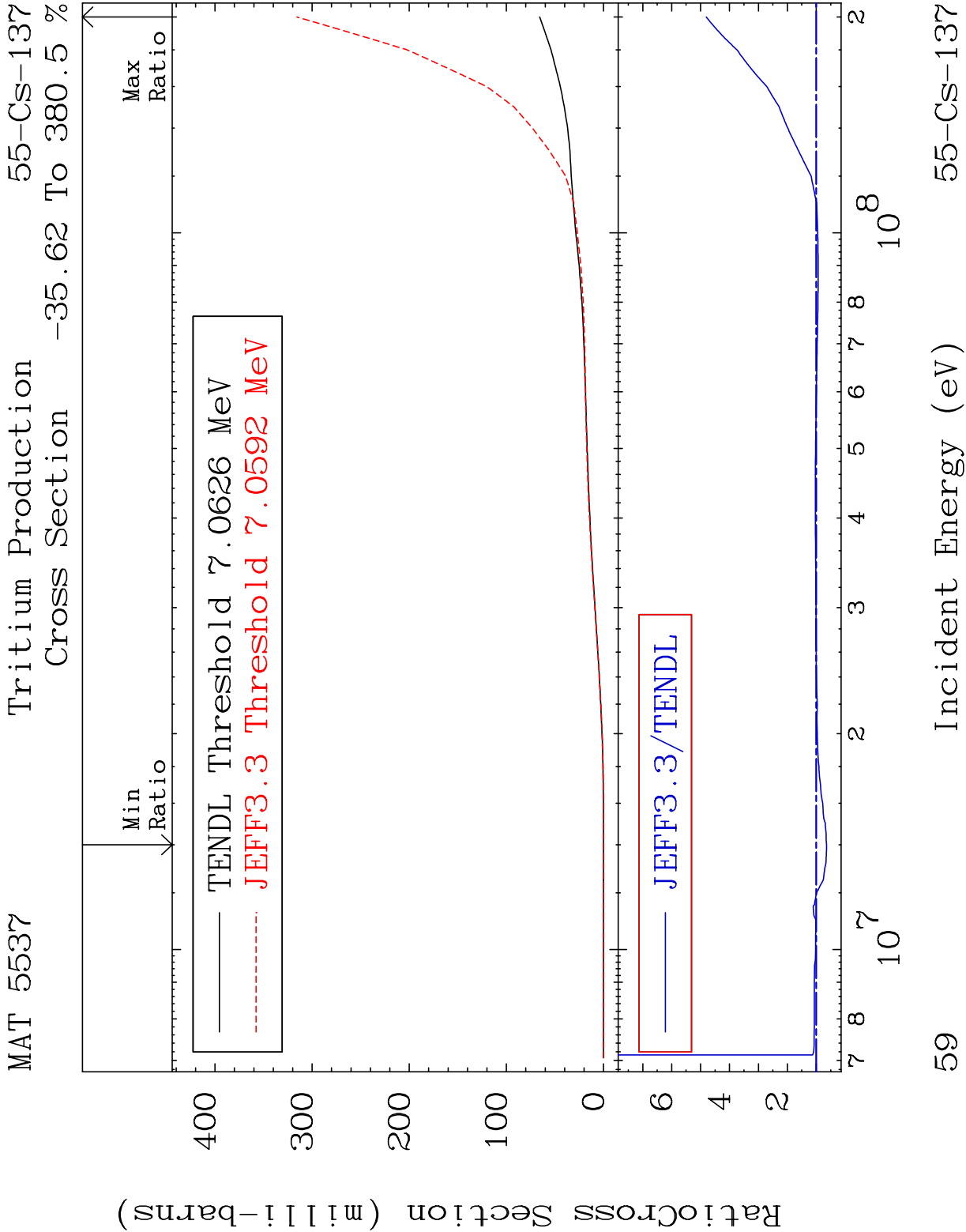


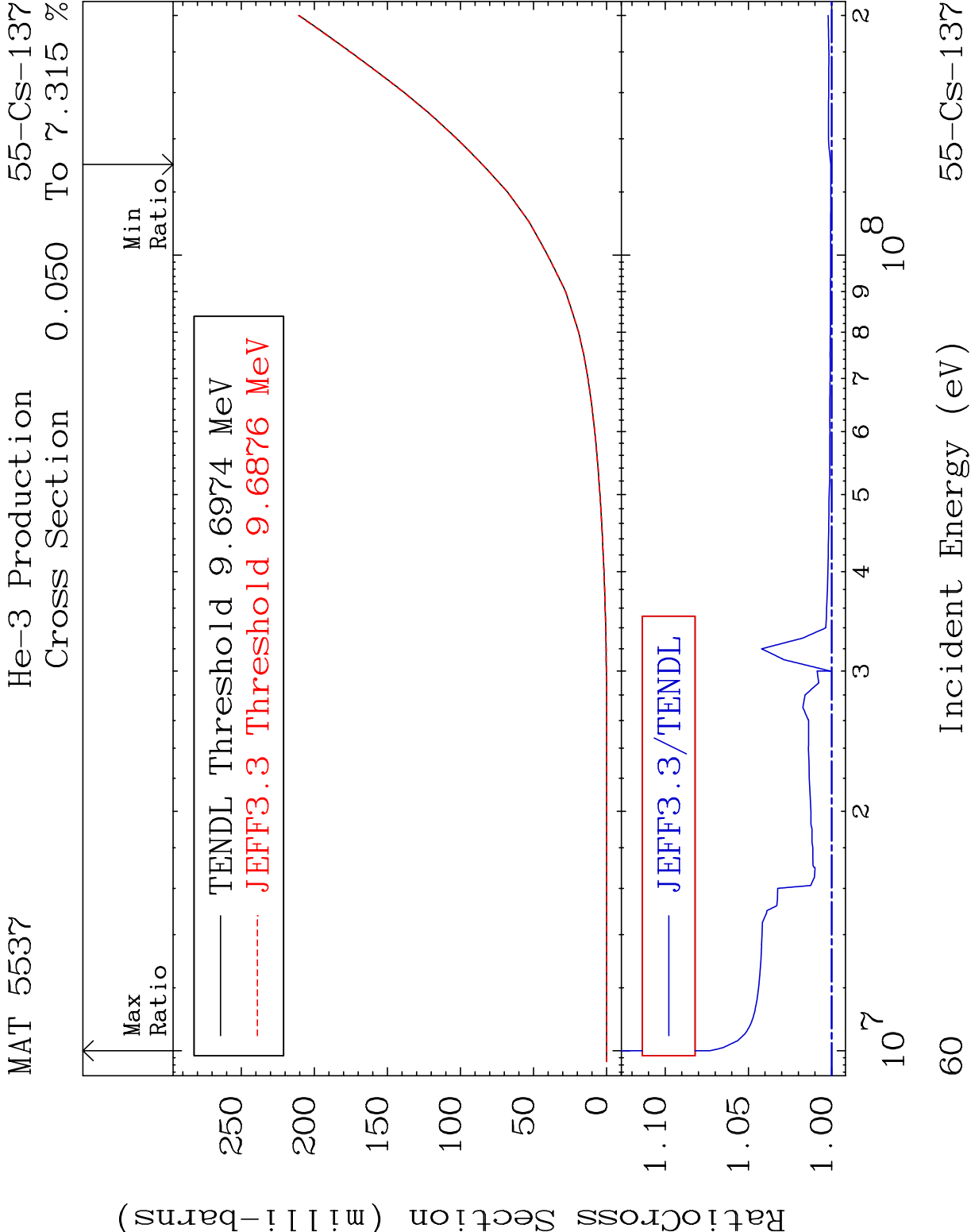


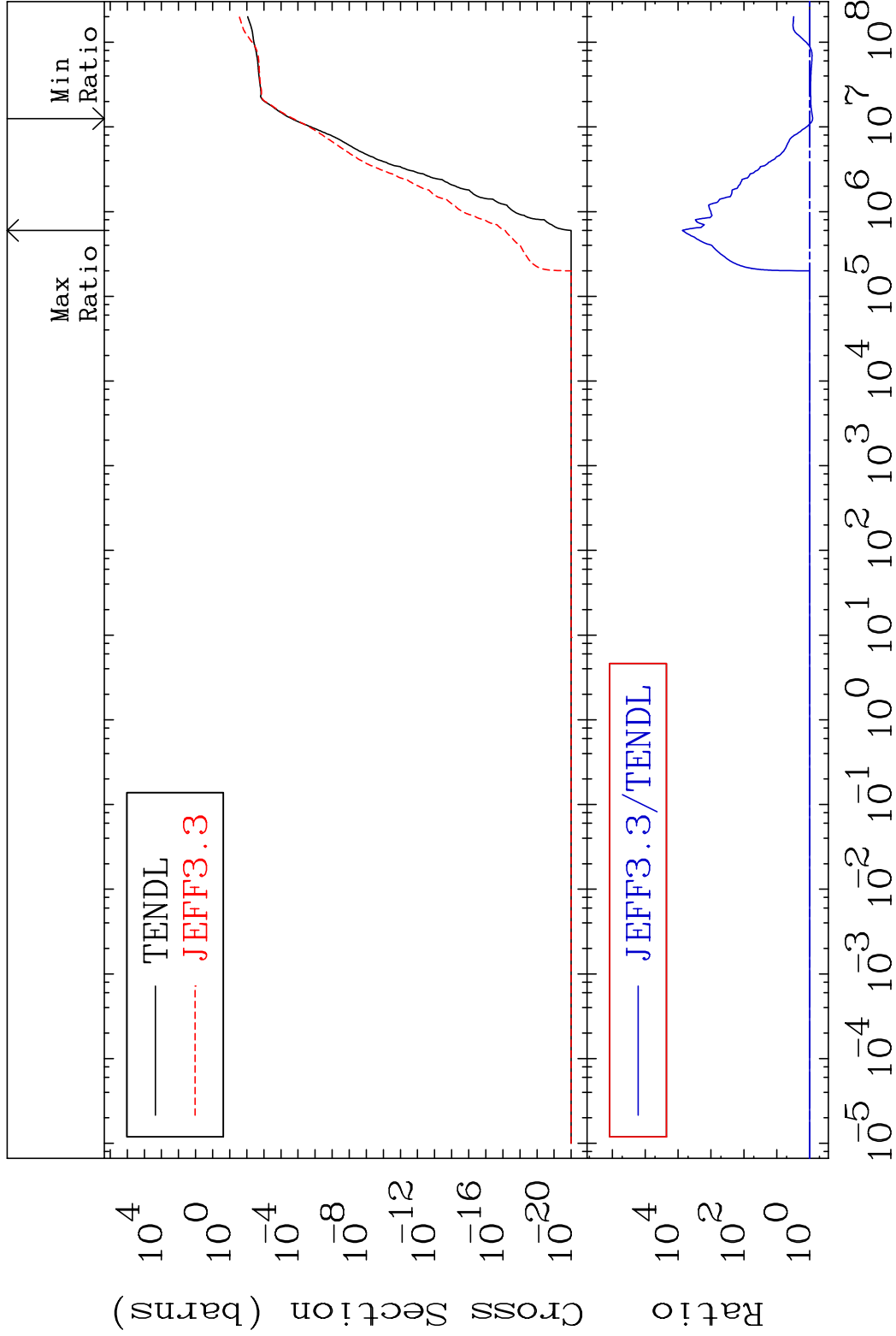




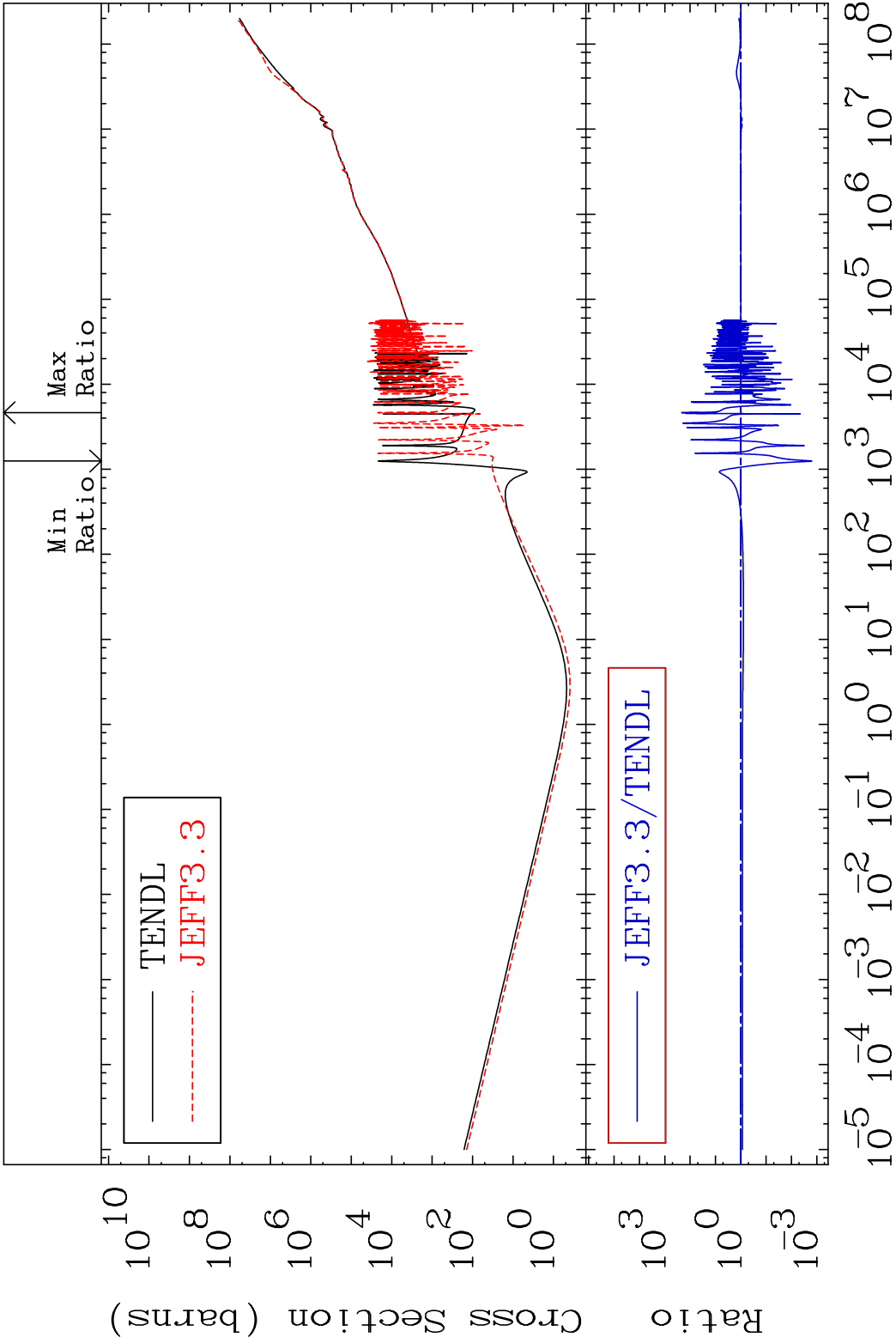




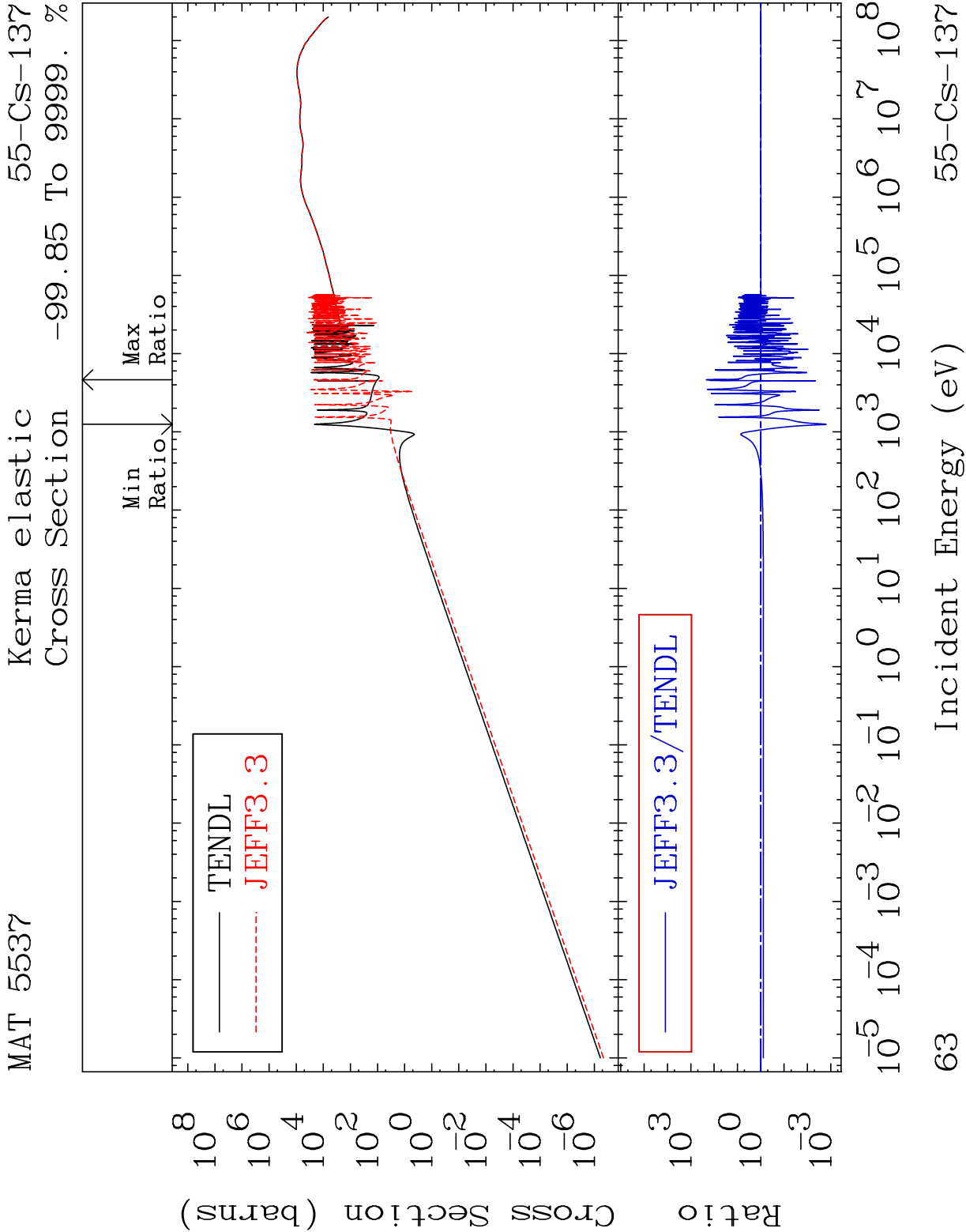




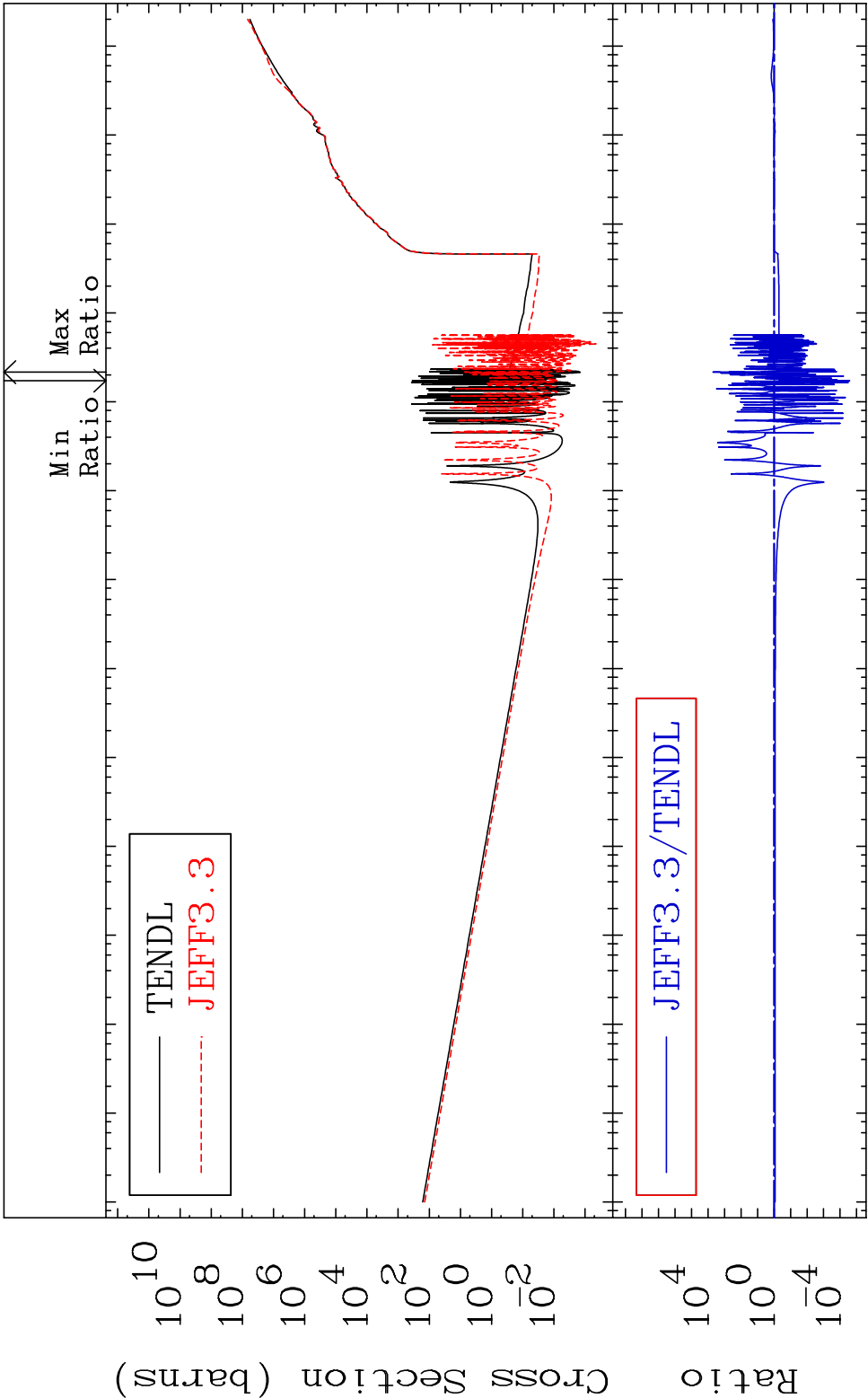
MAT 5537 Kerma total (eV-barns) 55-Cs-137
Cross Section -99.85 To 9999. %

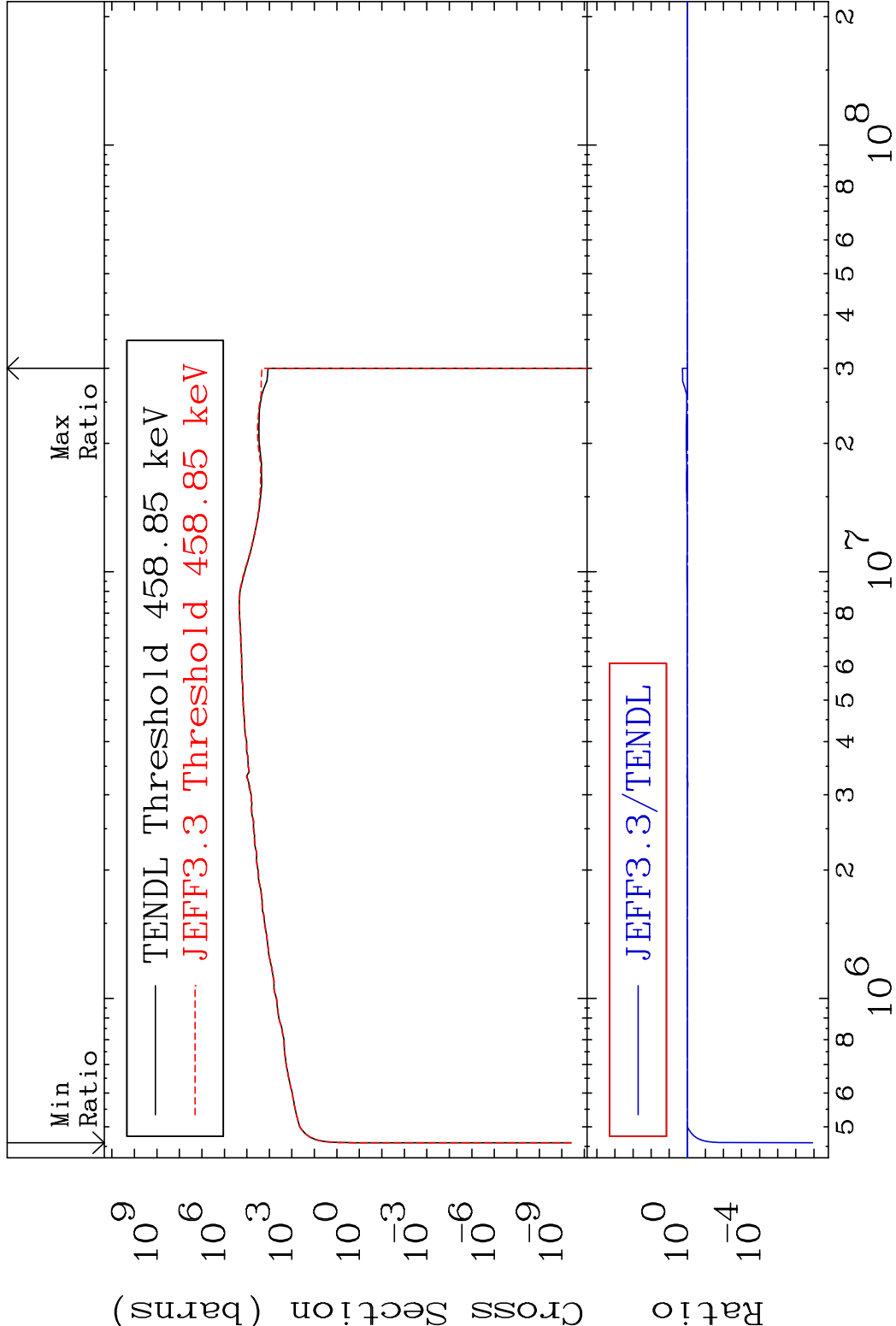


62 Incident Energy (eV) 55-Cs-137

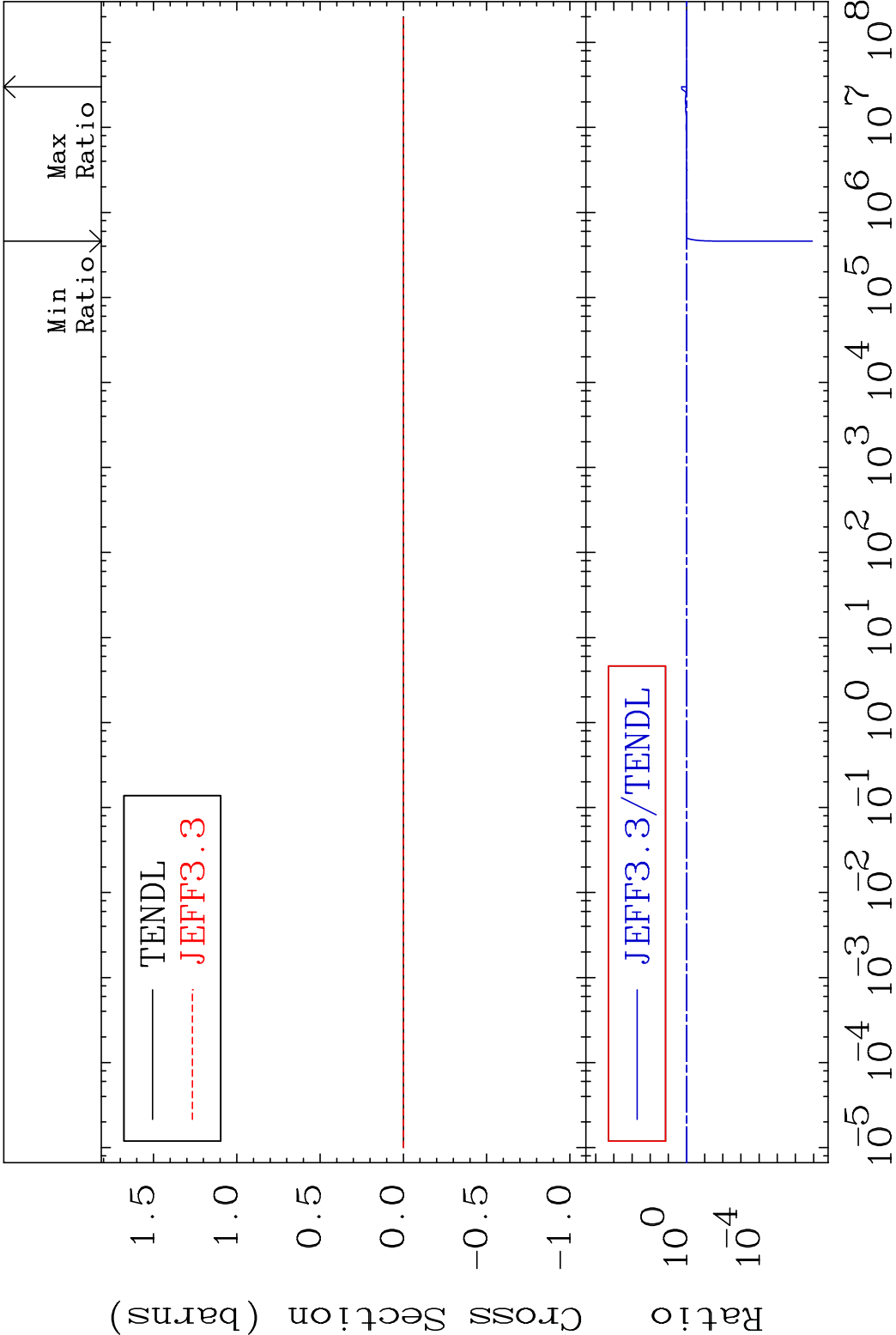


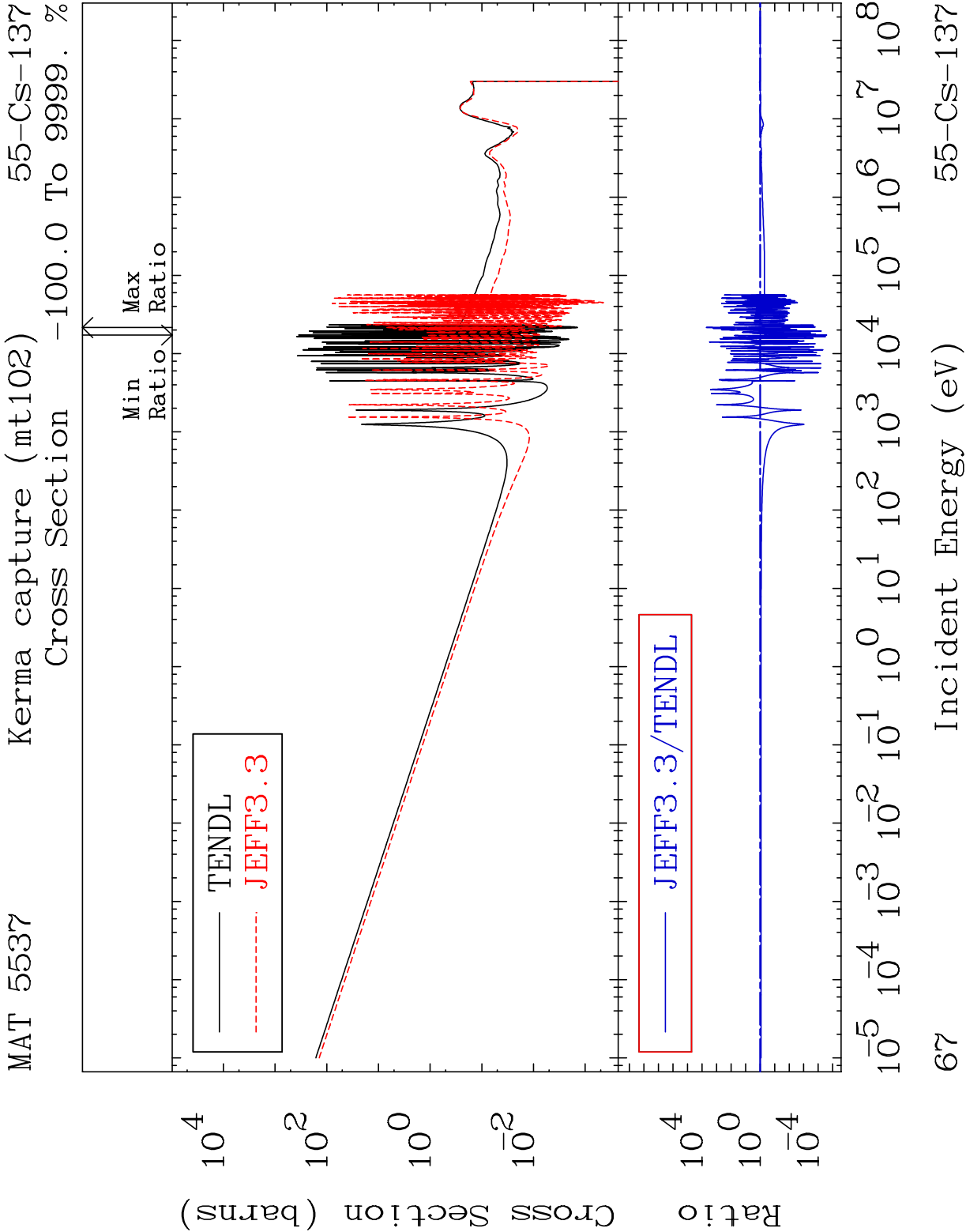
MAT 5537 Kerma non-elastic (all but mt2) 55-Cs-137
 Cross Section -100.0 To 9999. %



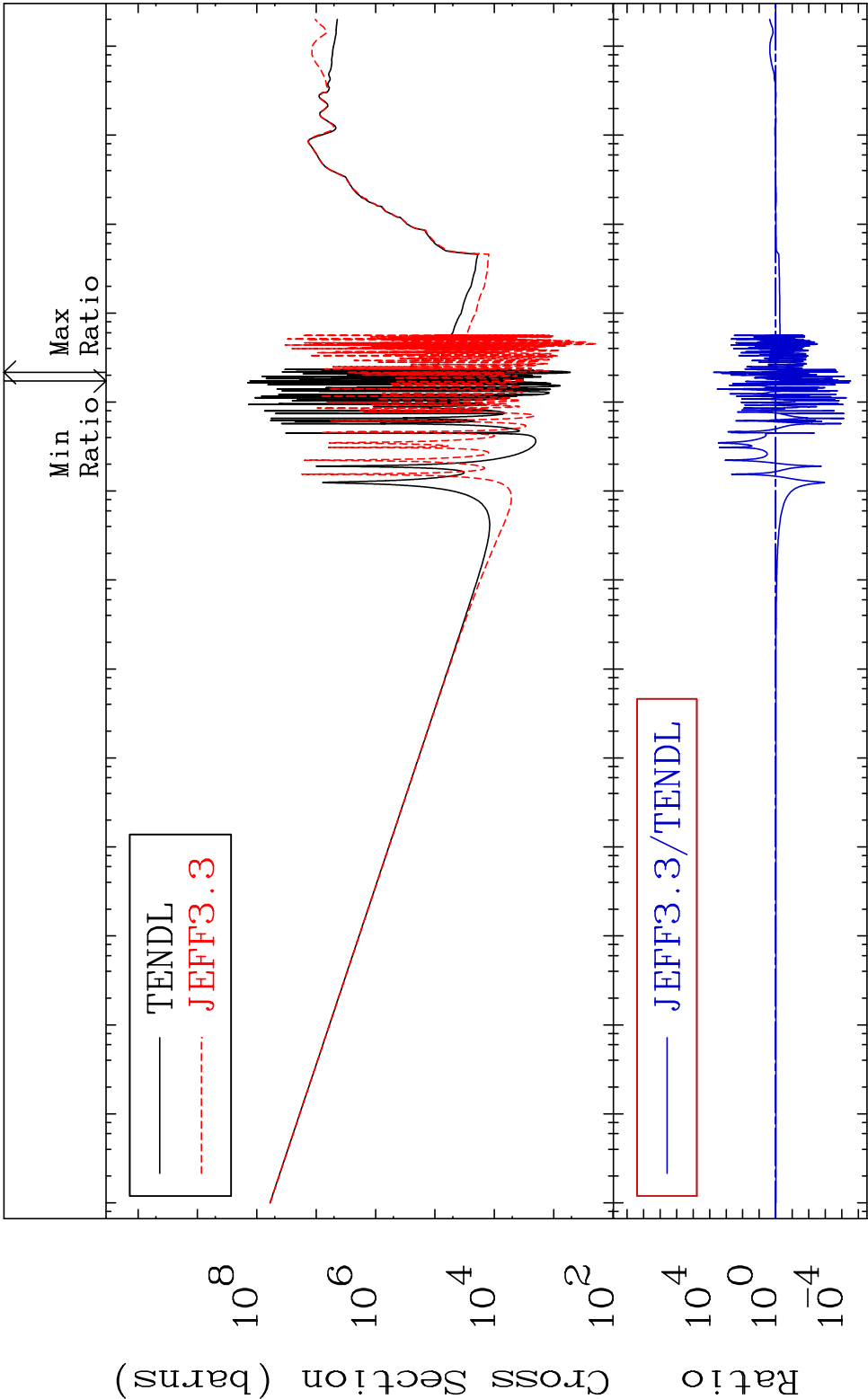


MAT 5537 Kerma fission (mt18 or mt19-20-21-38)55-Cs-137
Cross Section -100.0 To 88.12 %

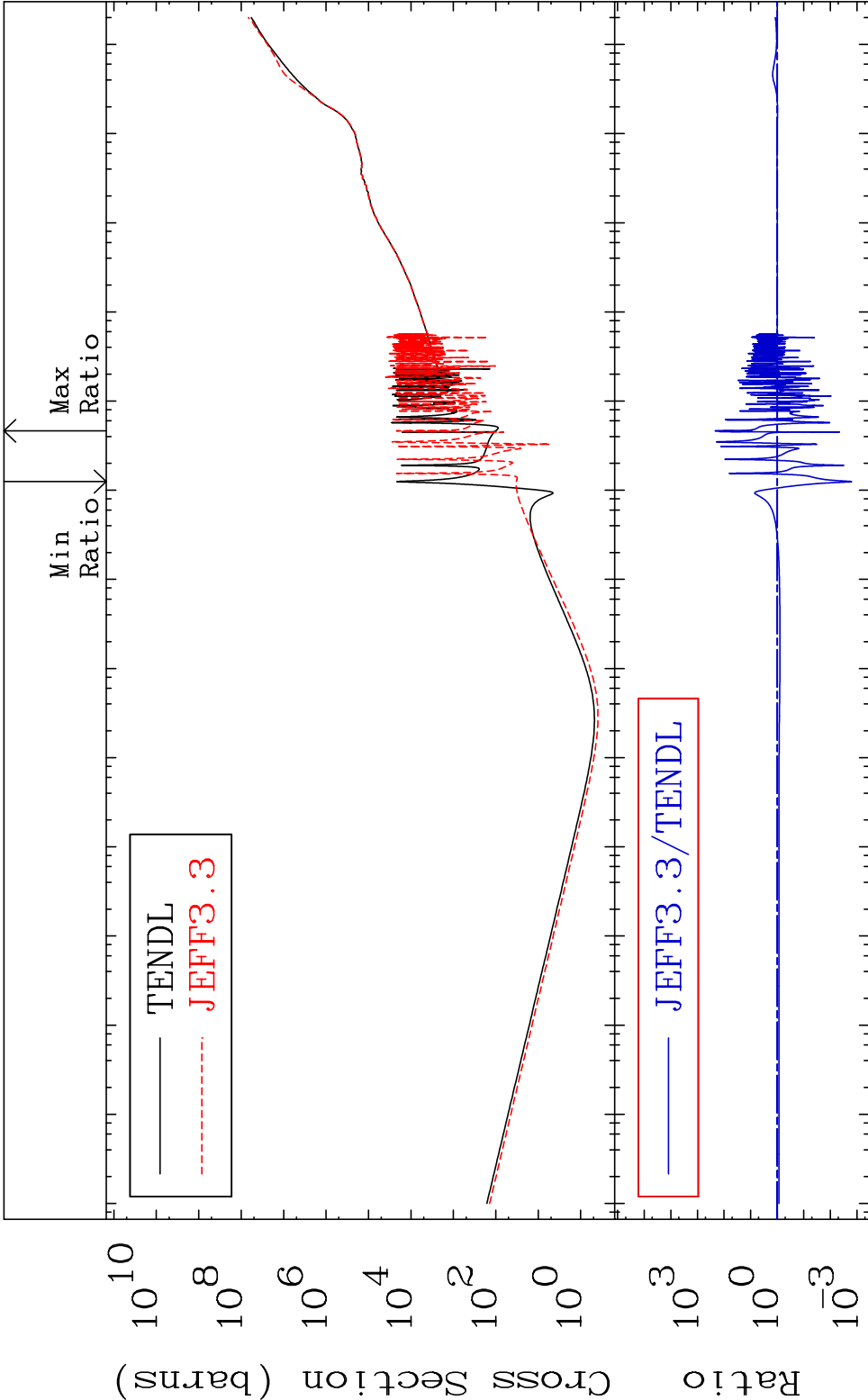




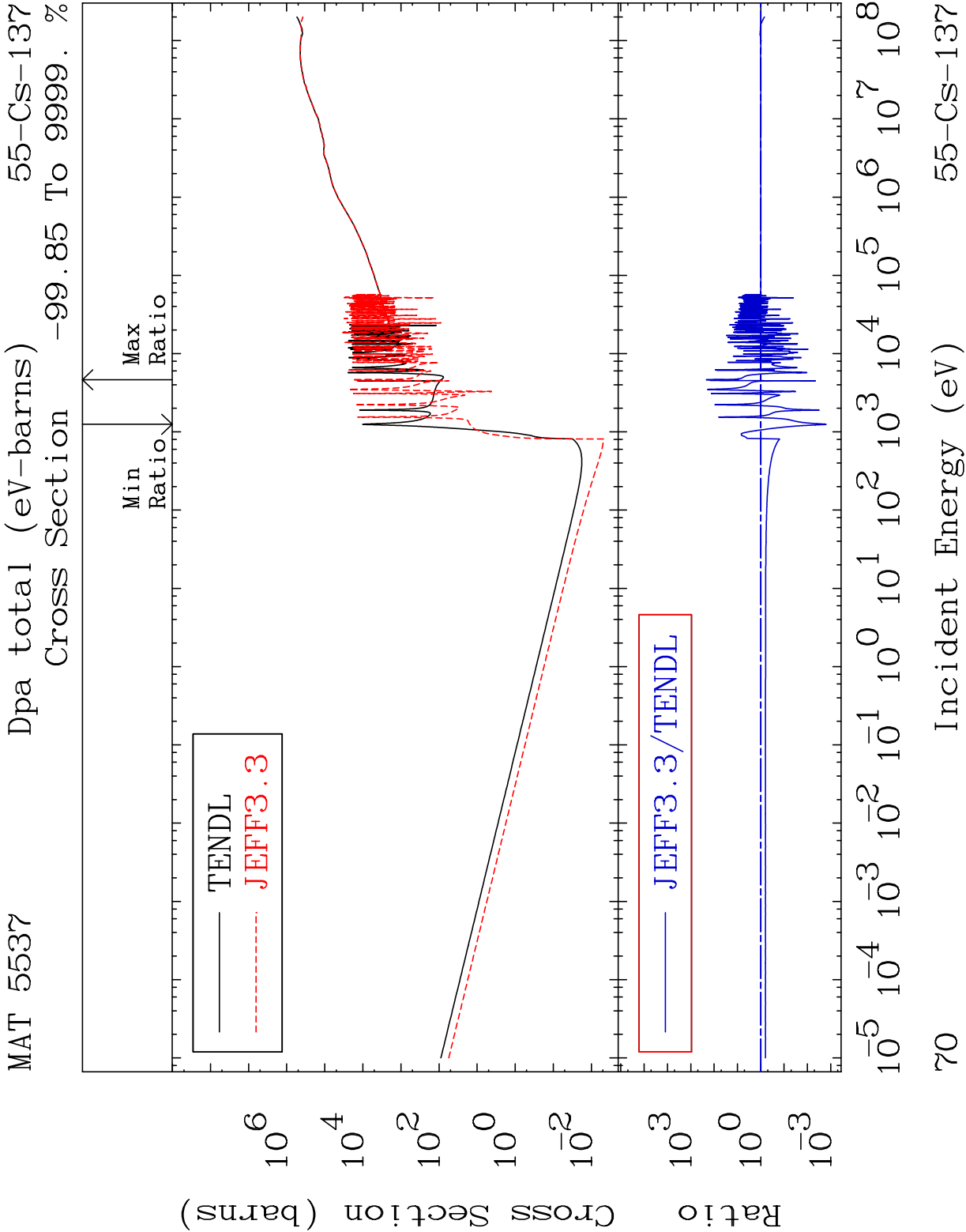
MAT 5537 Total photon (eV-barns) 55-Cs-137
Cross Section -100.0 To 9999. %



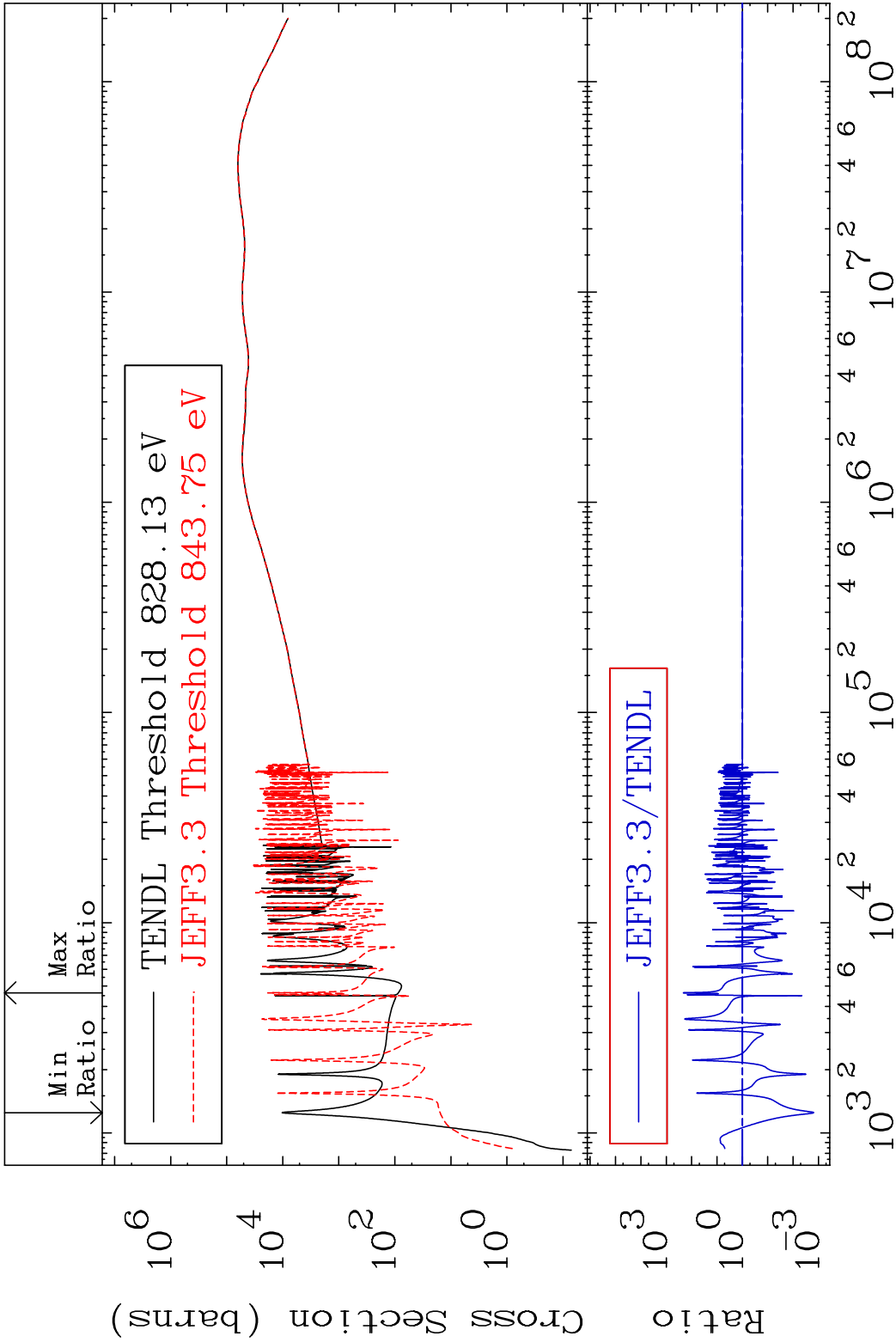
MAT 5537 Total kinematic kerma (high limit) 55-Cs-137
Cross Section -99.85 To 9999. %



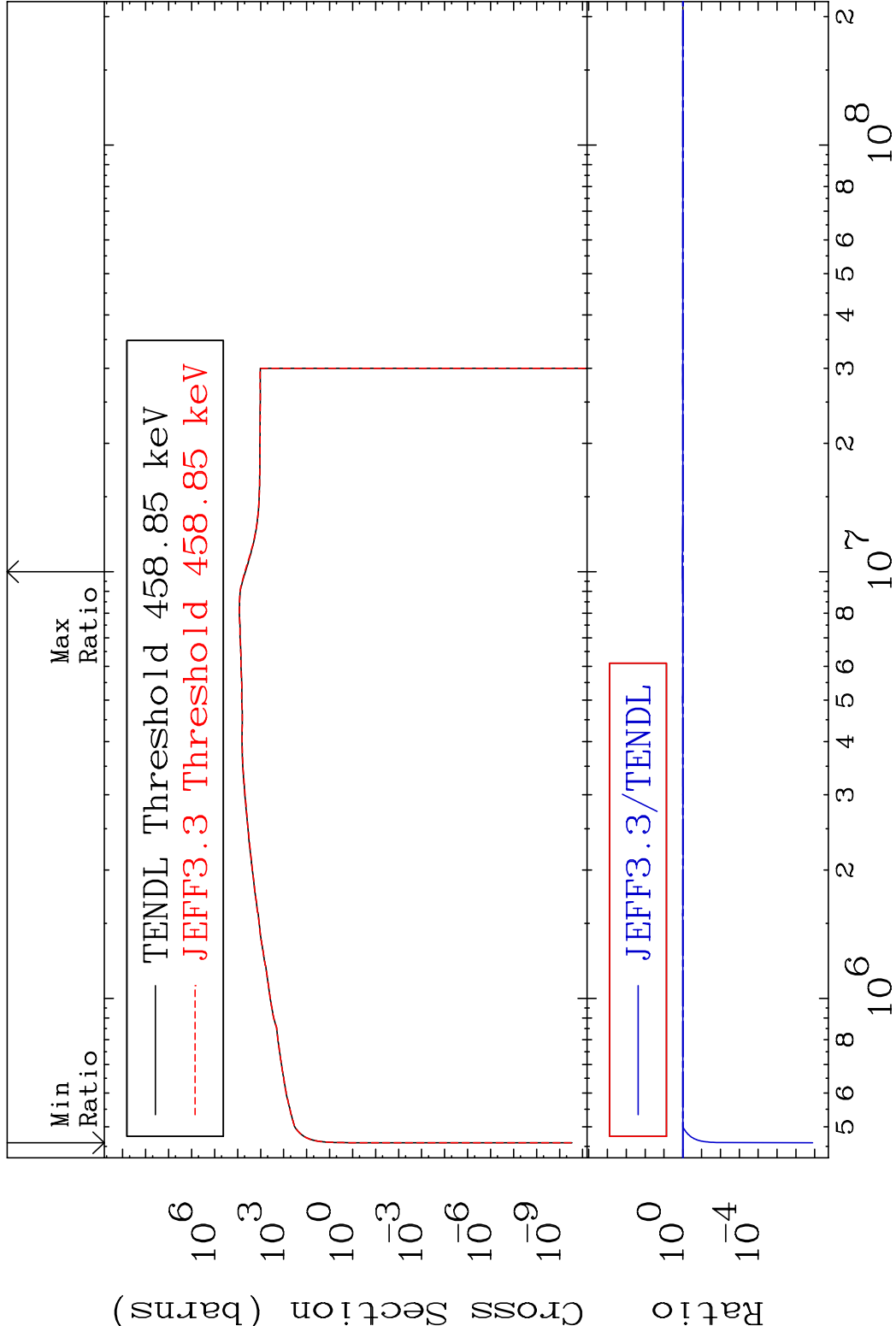
69 Incident Energy (eV) 55-Cs-137



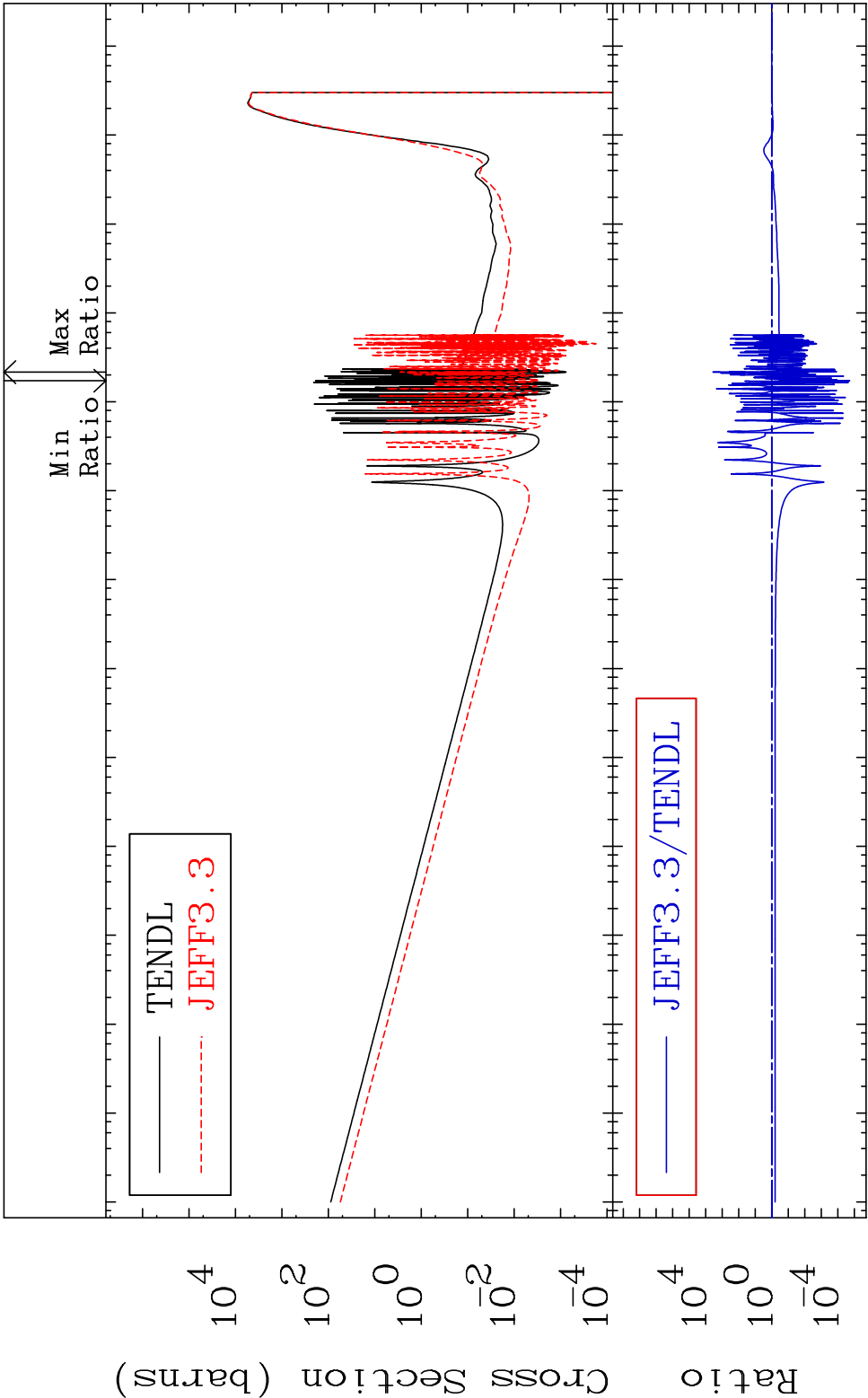
MAT 5537	Dpa elastic (mt2)	55-Cs-137
	Cross Section	-99.85 To 9999. %



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



73 Incident Energy (eV) 55-Cs-137

Radionuclide	Production Cross Section	Cross Section	% of total
¹³⁷ Cs	100	100	22.58
¹³⁴ Cs	100	100	22.58
¹³¹ I	100	100	22.58
¹³² I	100	100	22.58
¹³³ I	100	100	22.58
¹³⁴ I	100	100	22.58
¹³⁵ I	100	100	22.58
¹³⁶ I	100	100	22.58
¹³⁷ Xe	100	100	22.58
¹³⁸ Xe	100	100	22.58
¹³⁹ Xe	100	100	22.58
¹⁴⁰ Xe	100	100	22.58
¹⁴¹ Xe	100	100	22.58
¹⁴² Xe	100	100	22.58
¹⁴³ Xe	100	100	22.58
¹⁴⁴ Xe	100	100	22.58
¹⁴⁵ Xe	100	100	22.58
¹⁴⁶ Xe	100	100	22.58
¹⁴⁷ Xe	100	100	22.58
¹⁴⁸ Xe	100	100	22.58
¹⁴⁹ Xe	100	100	22.58
¹⁵⁰ Xe	100	100	22.58
¹⁵¹ Xe	100	100	22.58
¹⁵² Xe	100	100	22.58
¹⁵³ Xe	100	100	22.58
¹⁵⁴ Xe	100	100	22.58
¹⁵⁵ Xe	100	100	22.58
¹⁵⁶ Xe	100	100	22.58
¹⁵⁷ Xe	100	100	22.58
¹⁵⁸ Xe	100	100	22.58
¹⁵⁹ Xe	100	100	22.58
¹⁶⁰ Xe	100	100	22.58
¹⁶¹ Xe	100	100	22.58
¹⁶² Xe	100	100	22.58
¹⁶³ Xe	100	100	22.58
¹⁶⁴ Xe	100	100	22.58
¹⁶⁵ Xe	100	100	22.58
¹⁶⁶ Xe	100	100	22.58
¹⁶⁷ Xe	100	100	22.58
¹⁶⁸ Xe	100	100	22.58
¹⁶⁹ Xe	100	100	22.58
¹⁷⁰ Xe	100	100	22.58
¹⁷¹ Xe	100	100	22.58
¹⁷² Xe	100	100	22.58
¹⁷³ Xe	100	100	22.58
¹⁷⁴ Xe	100	100	22.58
¹⁷⁵ Xe	100	100	22.58
¹⁷⁶ Xe	100	100	22.58
¹⁷⁷ Xe	100	100	22.58
¹⁷⁸ Xe	100	100	22.58
¹⁷⁹ Xe	100	100	22.58
¹⁸⁰ Xe	100	100	22.58
¹⁸¹ Xe	100	100	22.58
¹⁸² Xe	100	100	22.58
¹⁸³ Xe	100	100	22.58
¹⁸⁴ Xe	100	100	22.58
¹⁸⁵ Xe	100	100	22.58
¹⁸⁶ Xe	100	100	22.58
¹⁸⁷ Xe	100	100	22.58
¹⁸⁸ Xe	100	100	22.58
¹⁸⁹ Xe	100	100	22.58
¹⁹⁰ Xe	100	100	22.58
¹⁹¹ Xe	100	100	22.58
¹⁹² Xe	100	100	22.58
¹⁹³ Xe	100	100	22.58
¹⁹⁴ Xe	100	100	22.58
¹⁹⁵ Xe	100	100	22.58
¹⁹⁶ Xe	100	100	22.58
¹⁹⁷ Xe	100	100	22.58
¹⁹⁸ Xe	100	100	22.58
¹⁹⁹ Xe	100	100	22.58
²⁰⁰ Xe	100	100	22.58
²⁰¹ Xe	100	100	22.58
²⁰² Xe	100	100	22.58
²⁰³ Xe	100	100	22.58
²⁰⁴ Xe	100	100	22.58
²⁰⁵ Xe	100	100	22.58
²⁰⁶ Xe	100	100	22.58
²⁰⁷ Xe	100	100	22.58
²⁰⁸ Xe</			

