

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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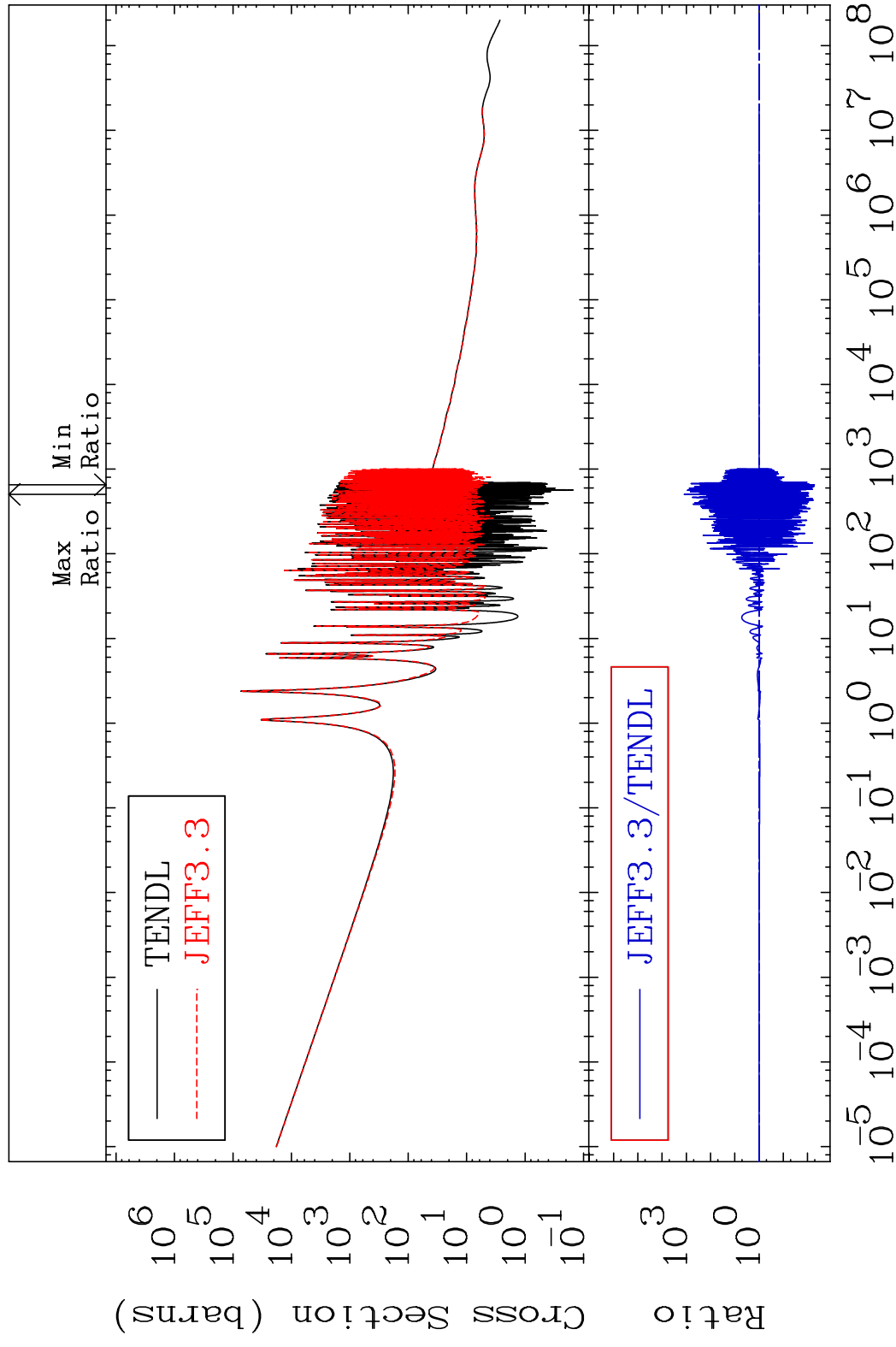
Press Mouse Button to Start

MAT 7234

Total

22-Hf-122

Cross Section -99.47 To 9999. %



1

Incident Energy (eV)

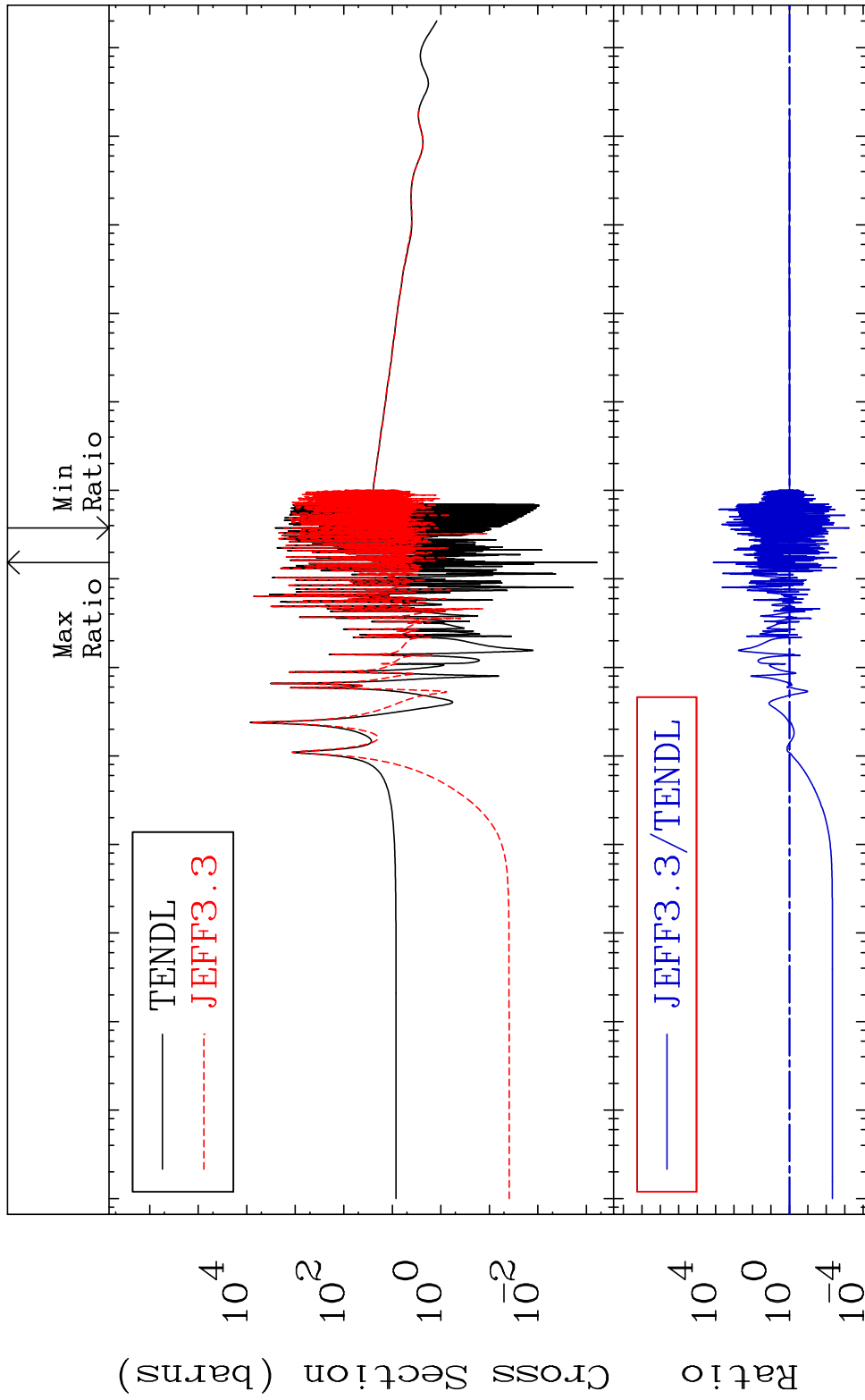
22-Hf-122

MAT 7234

Elastic

72-Hf-177

Cross Section -99.94 To 9999. %



2

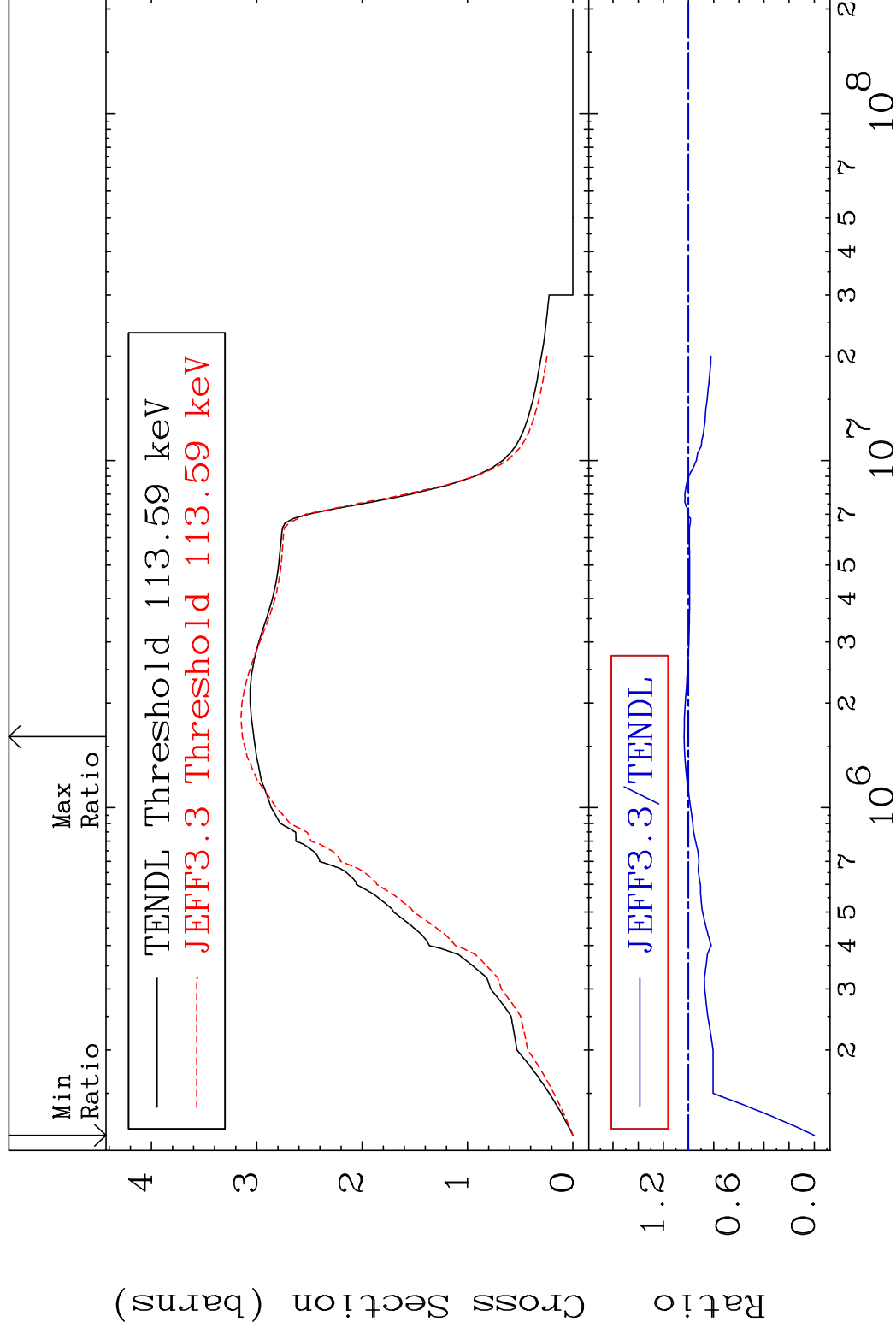
Incident Energy (eV)

72-Hf-177

MAT 7234

Inelastic

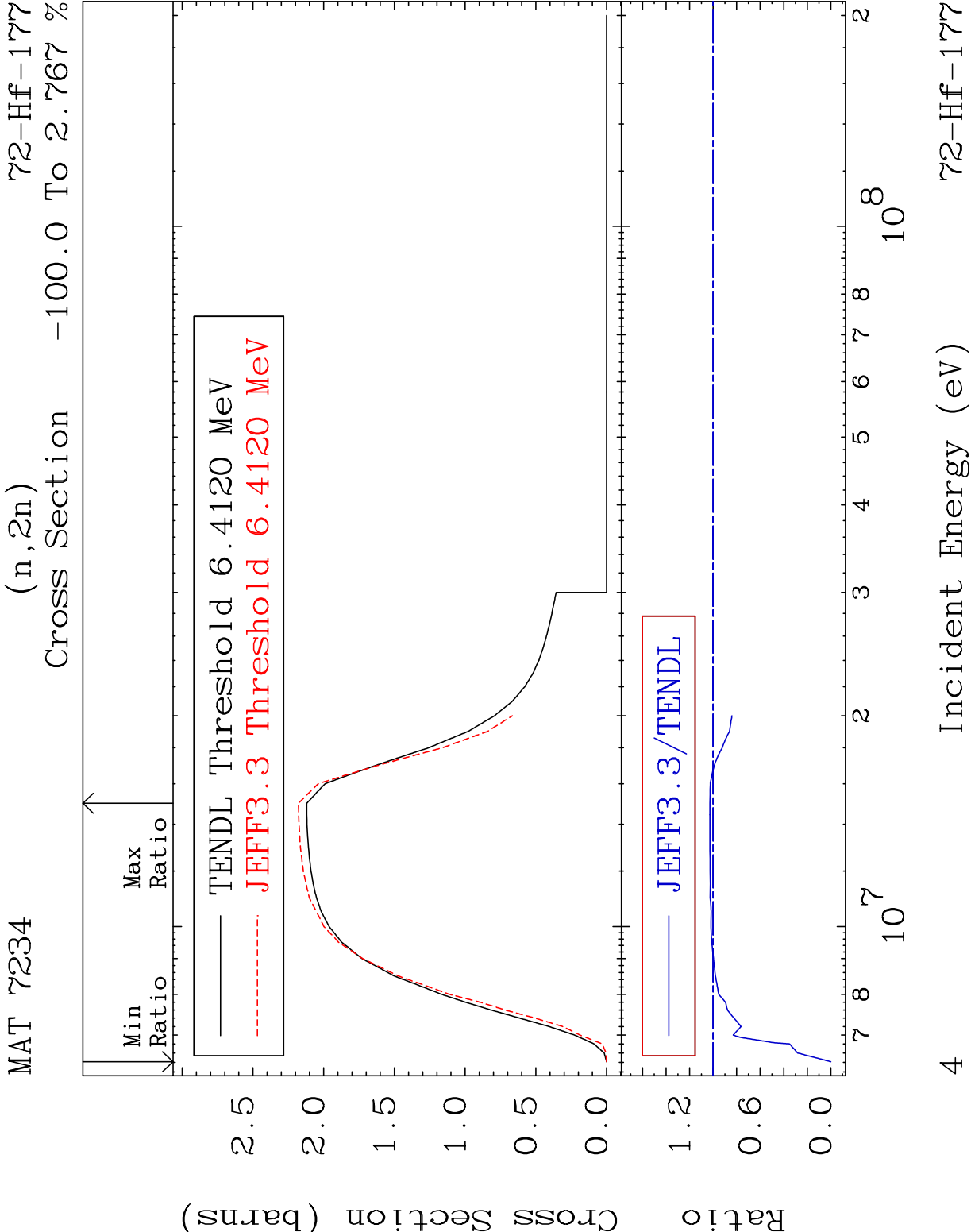
22-Hf-122

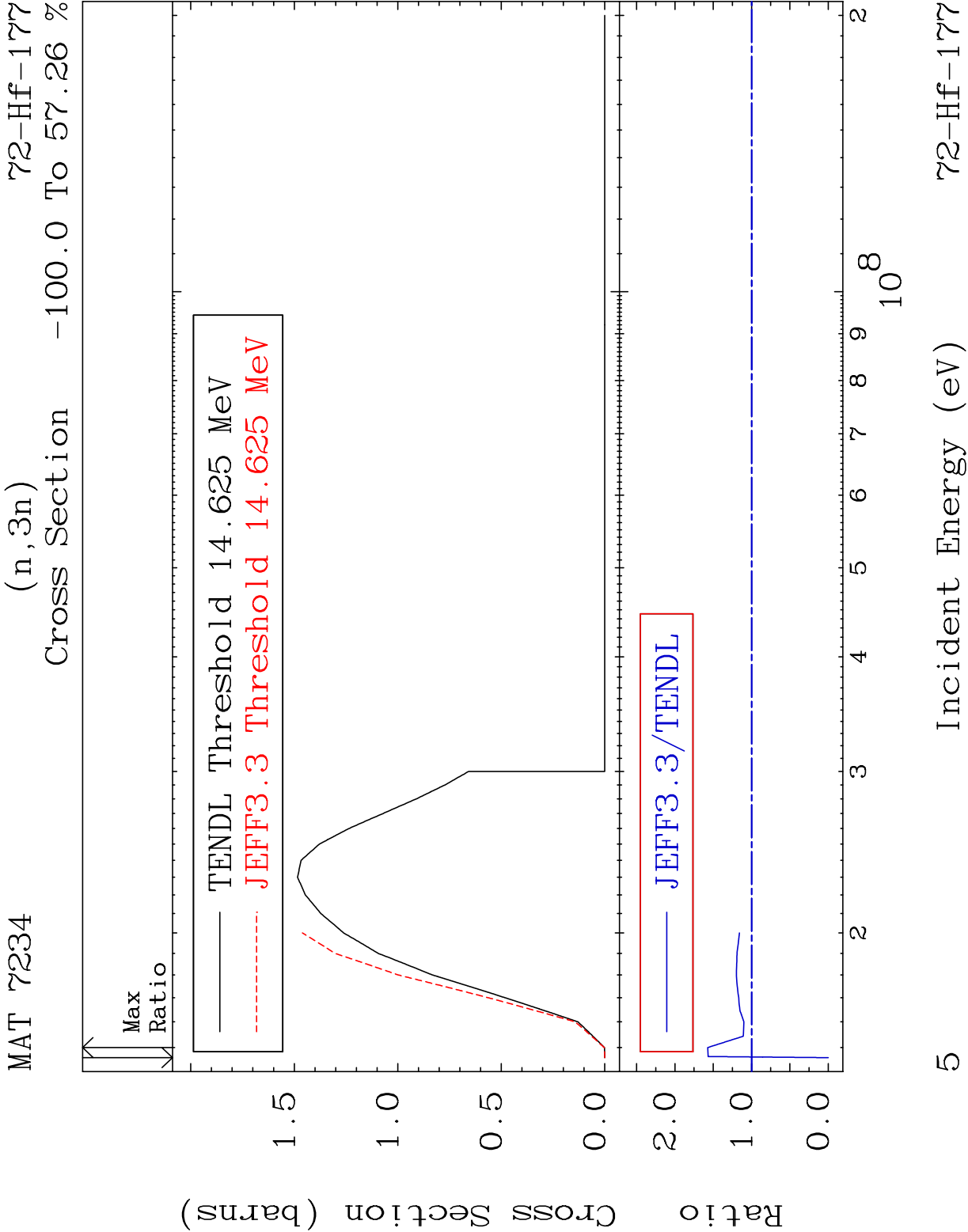
Cross Section -100.0 To 3.530 %

3

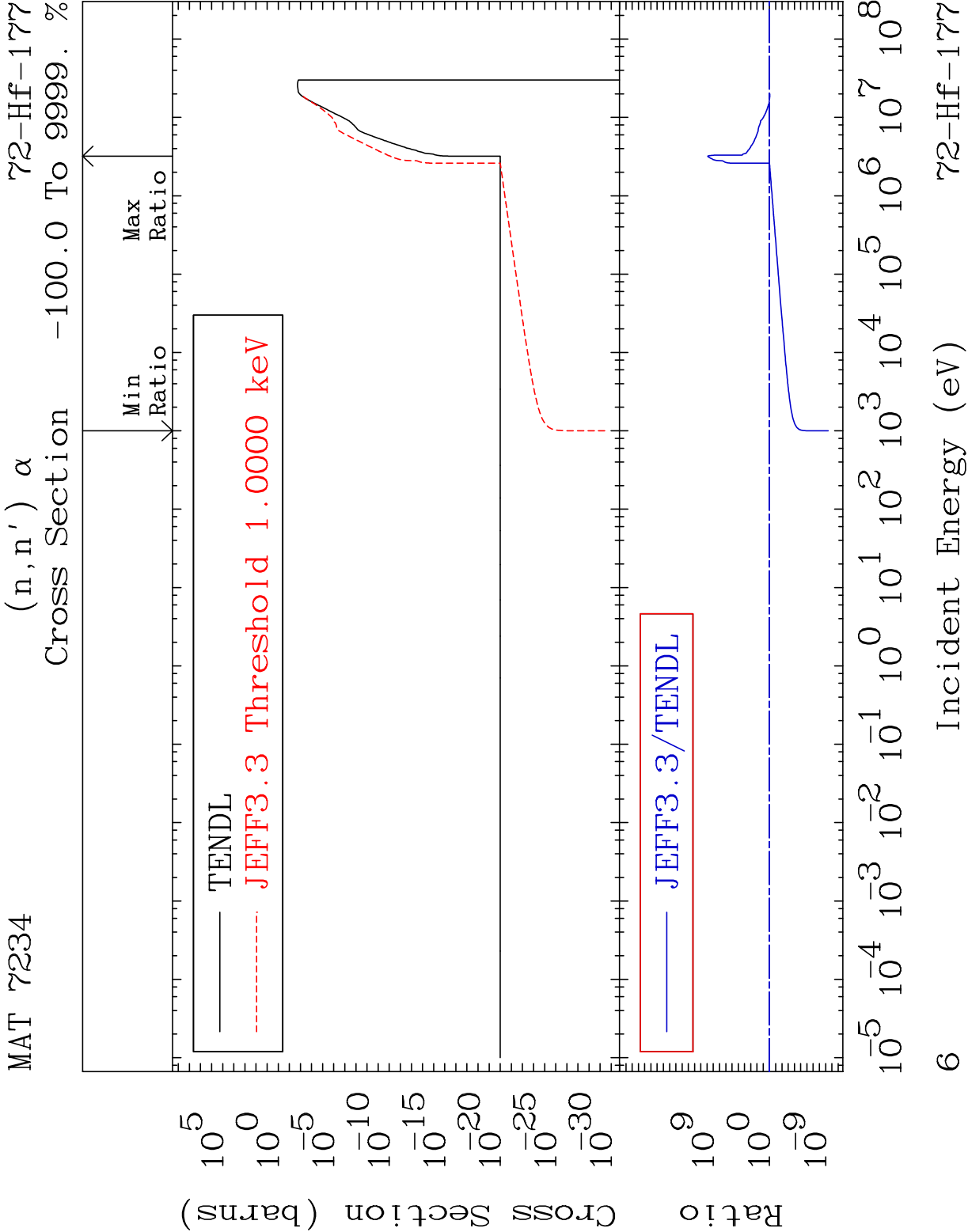
Incident Energy (eV)

22-Hf-122





5

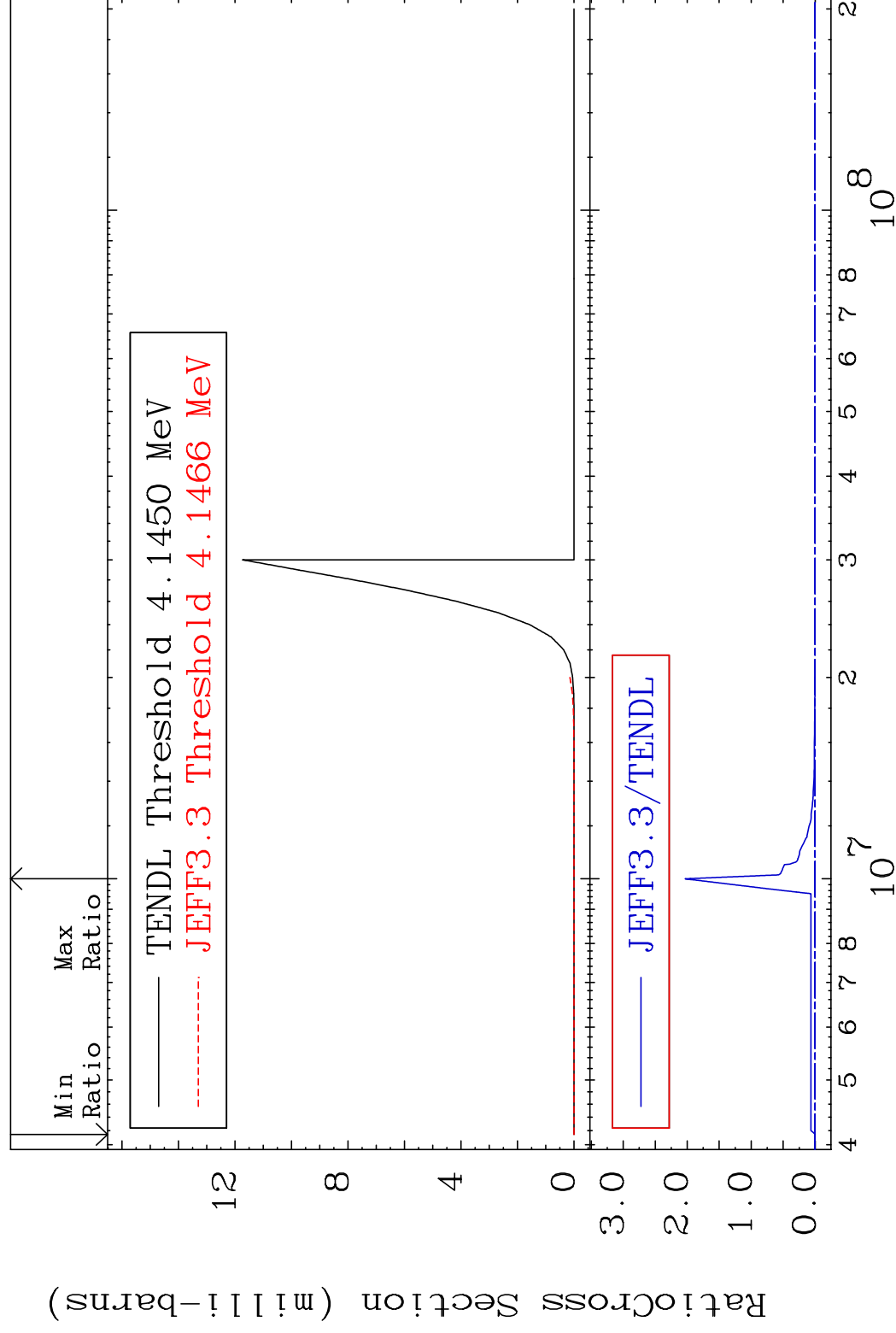


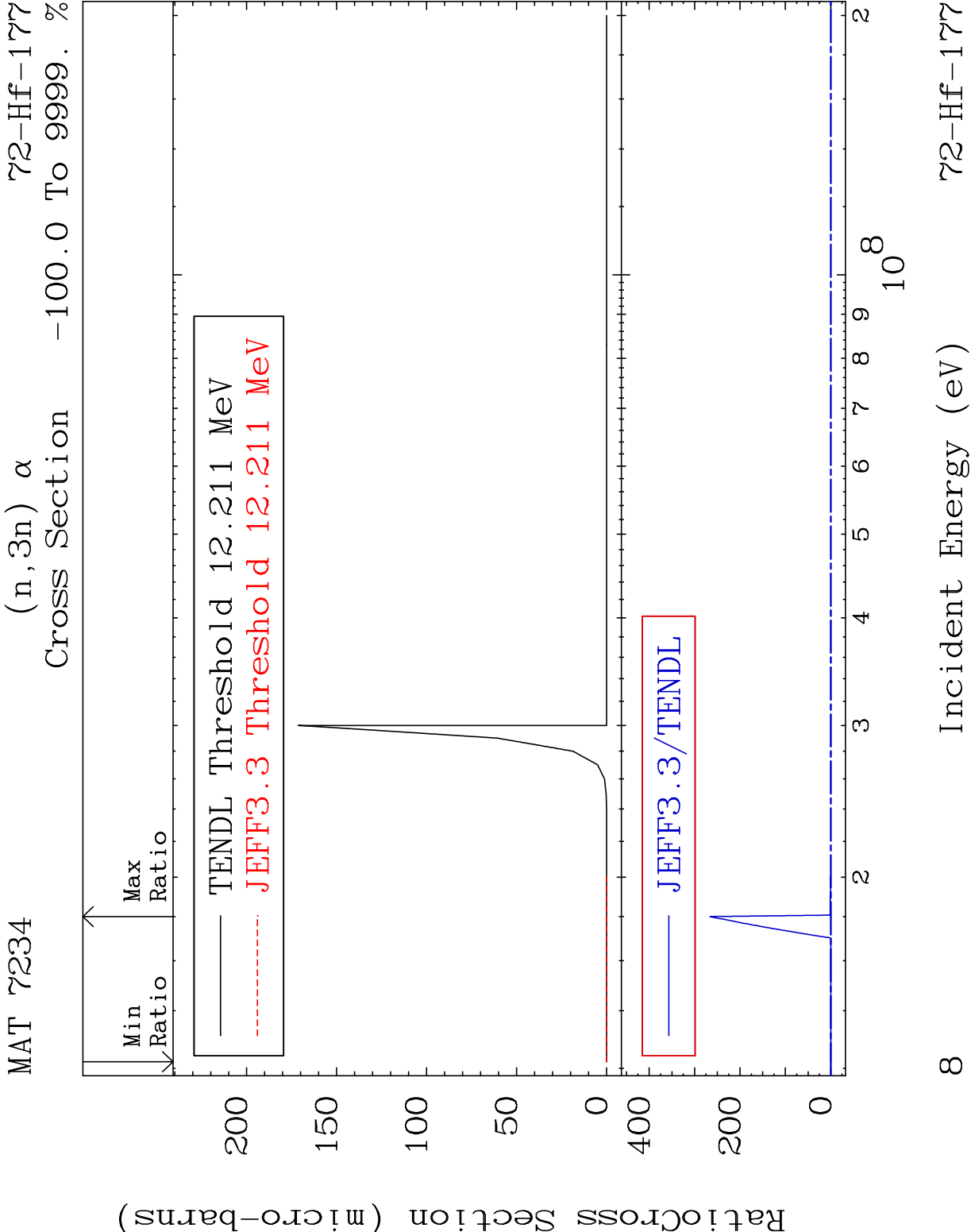
MAT 7234

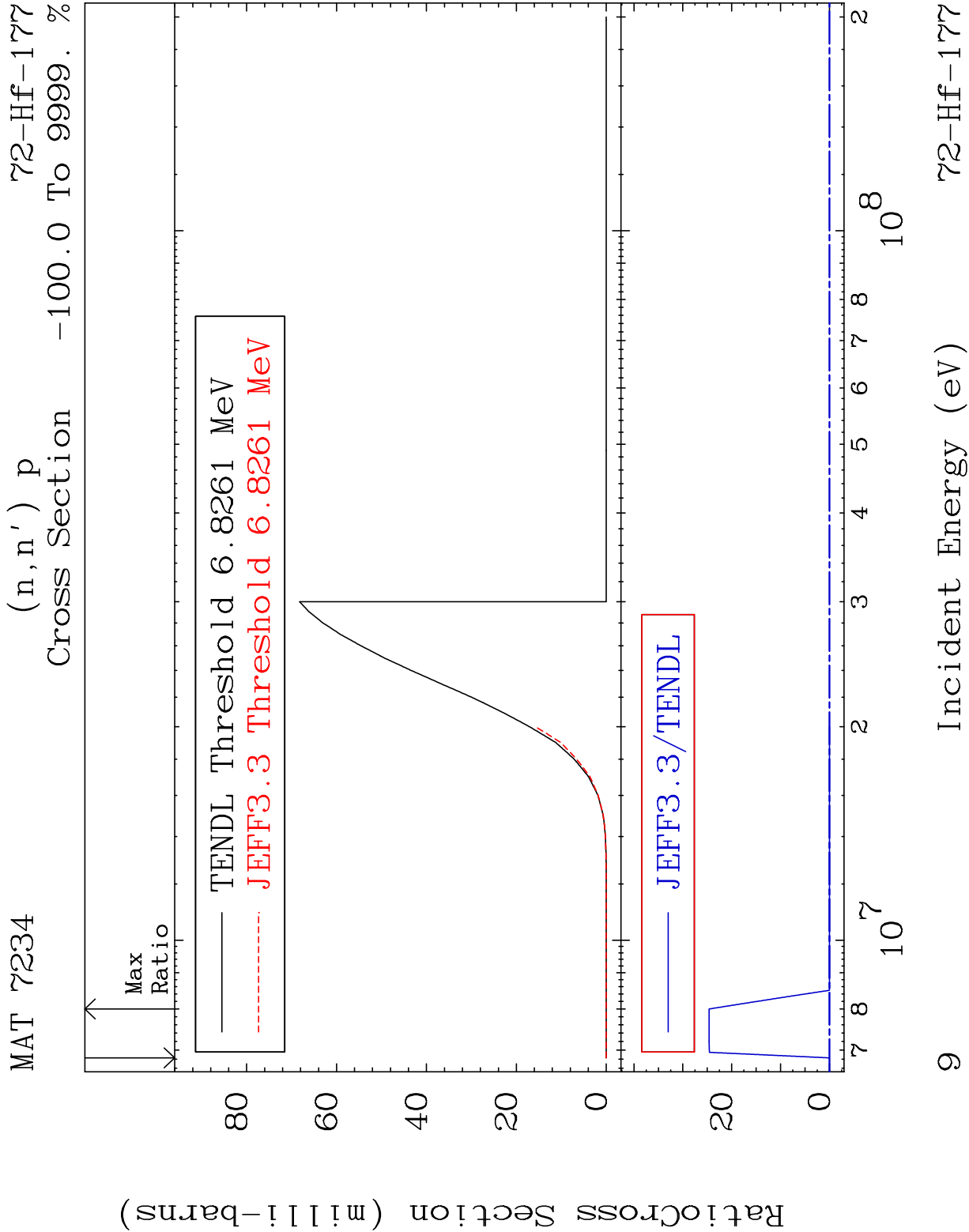
$$(n, 2n) \propto$$

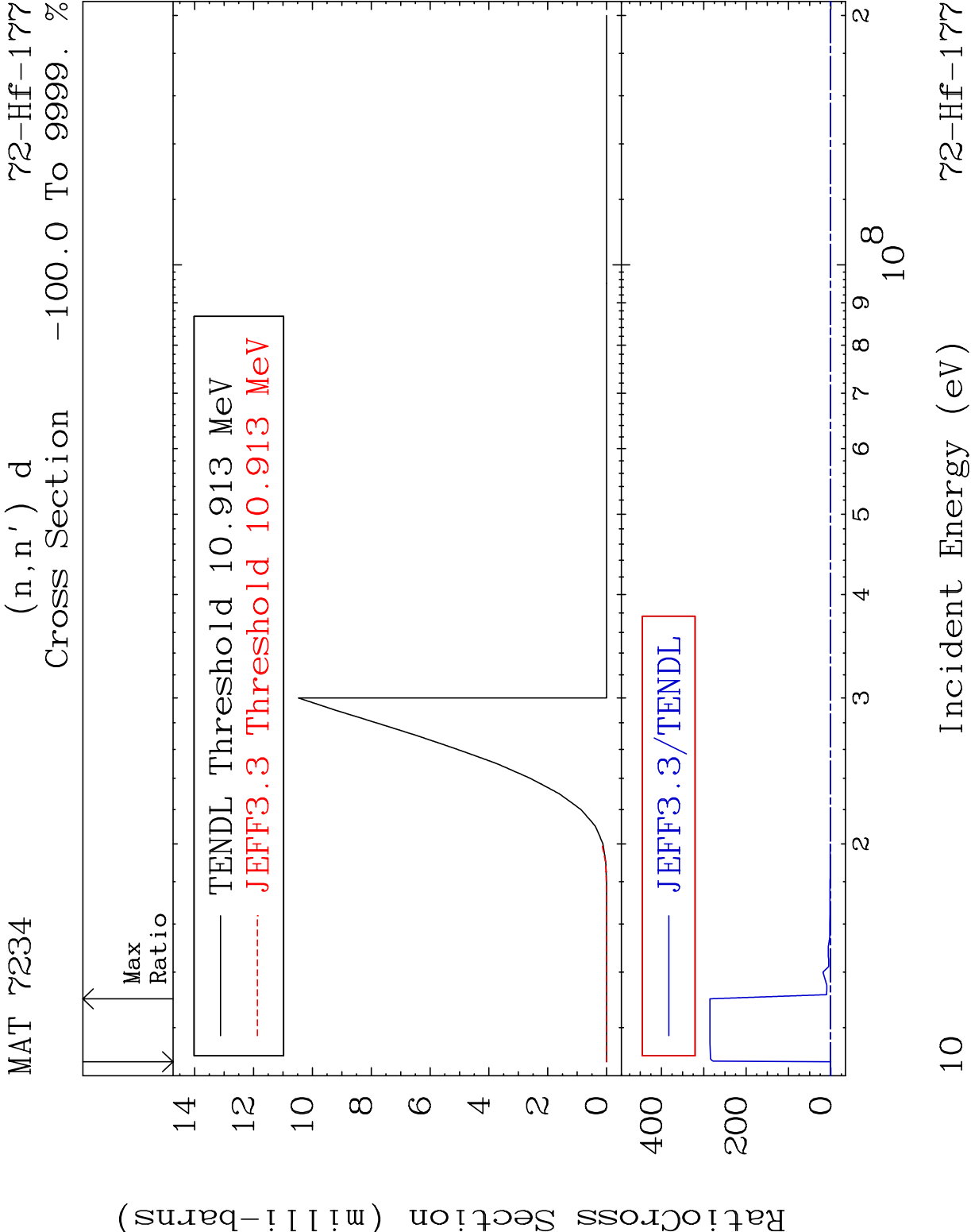
22-Hf-122

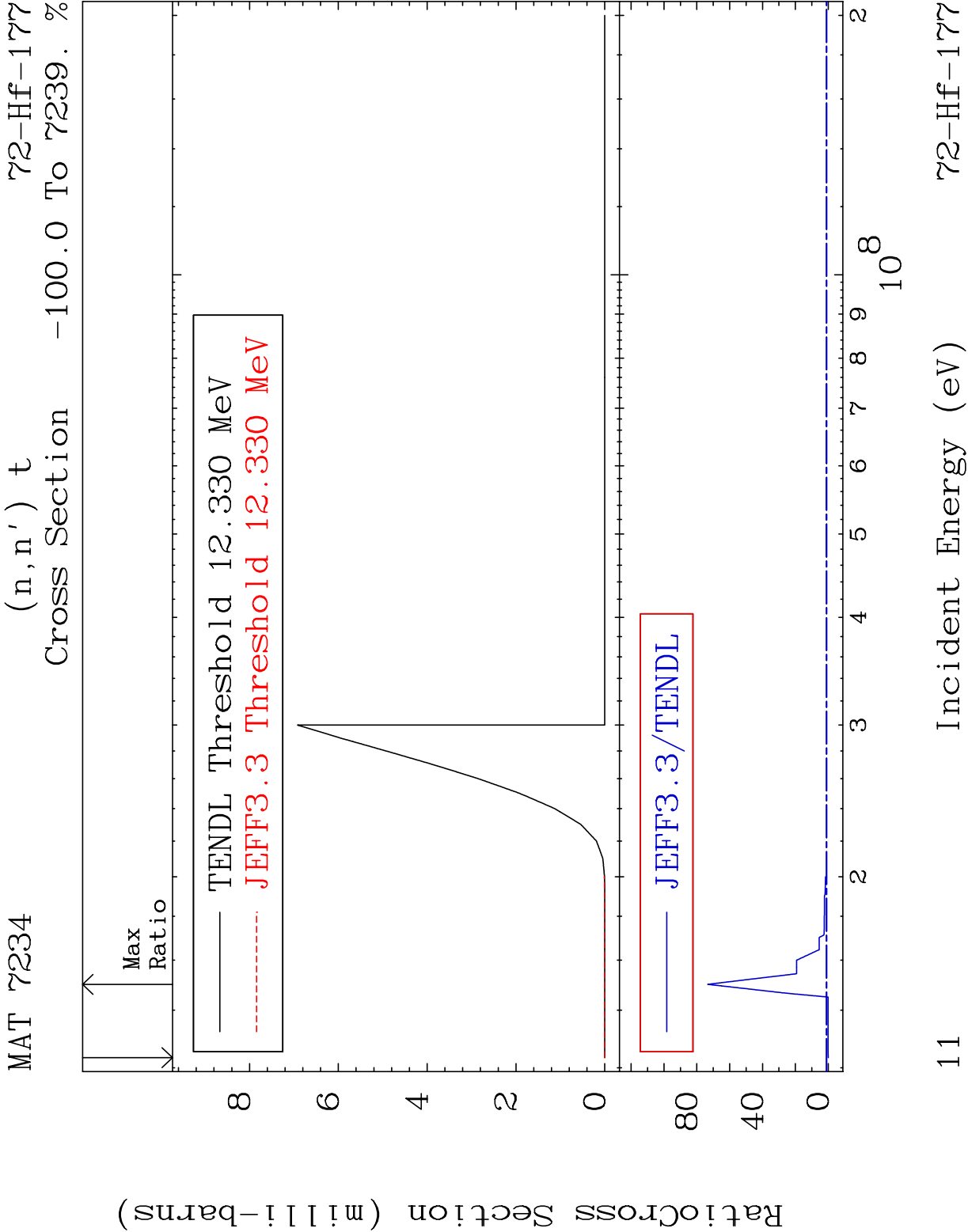
Cross Section -100.0 To 9999. %

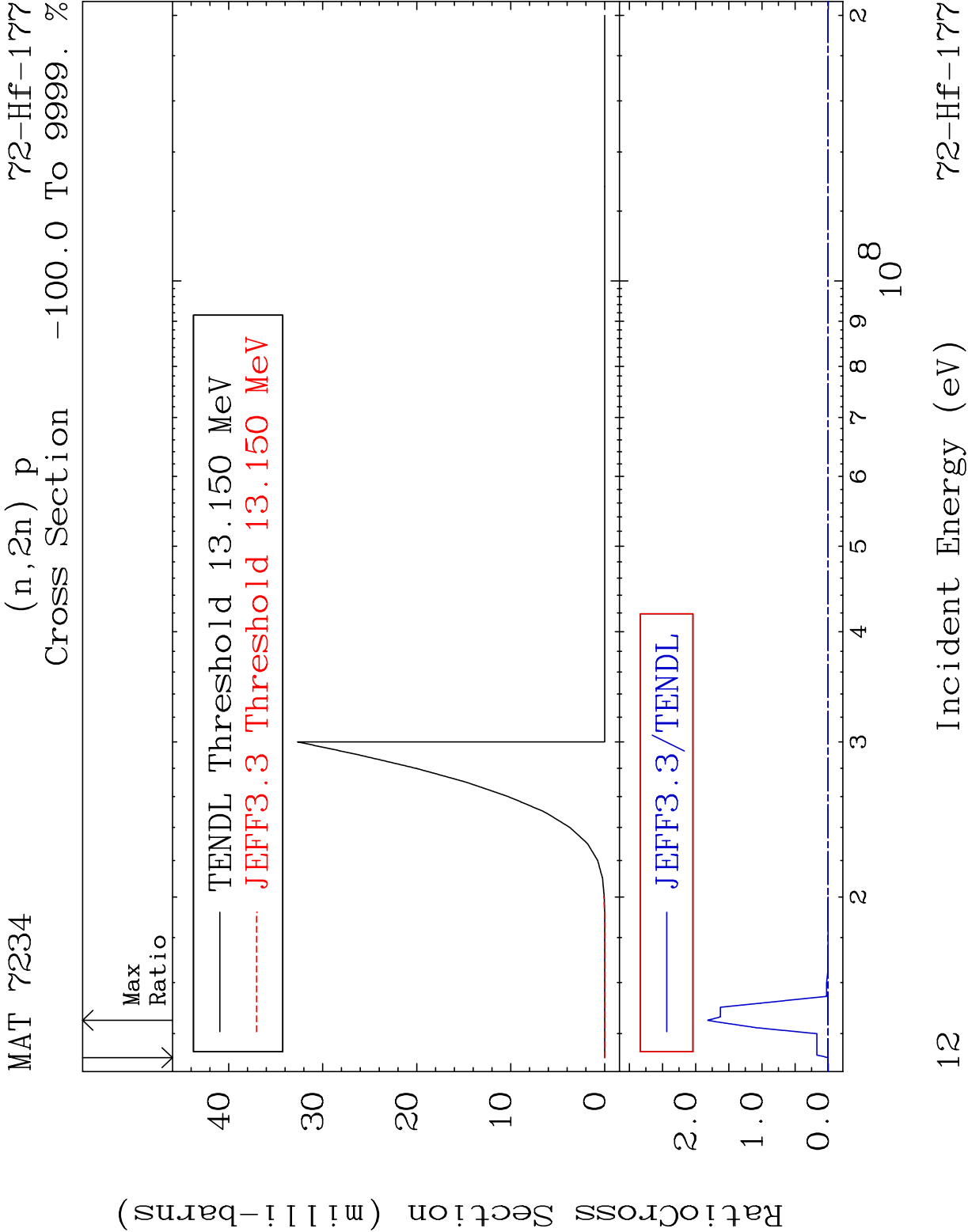


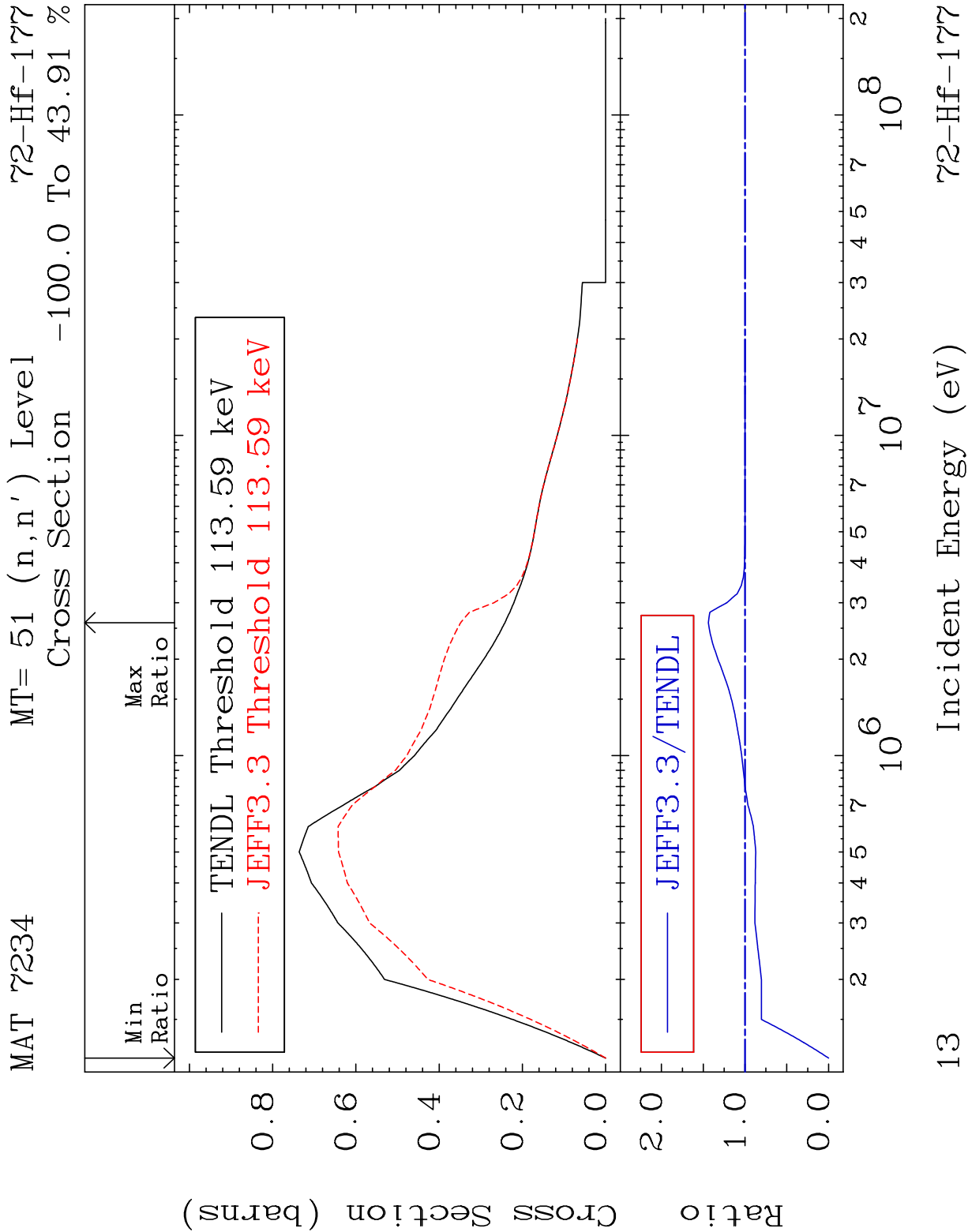




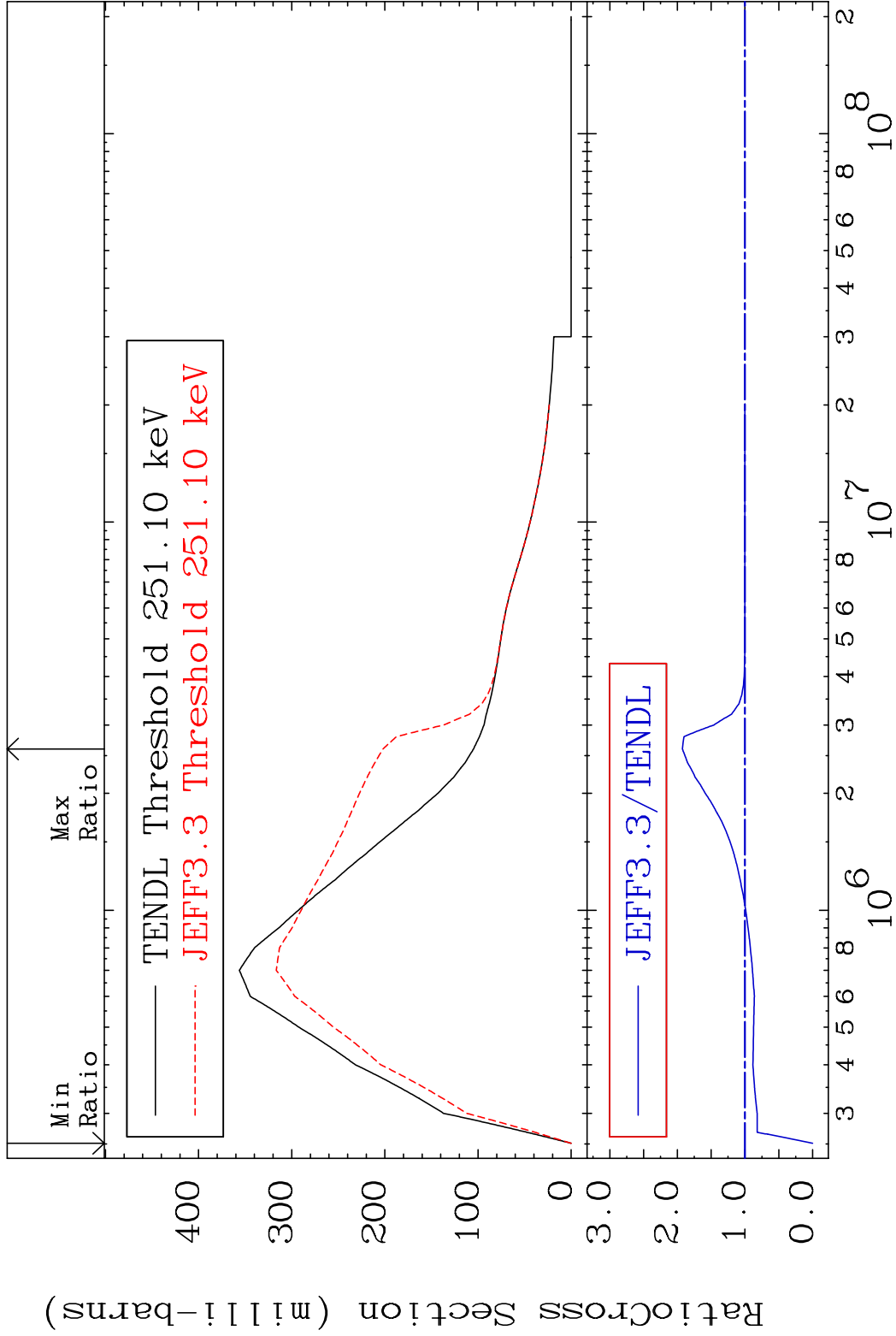




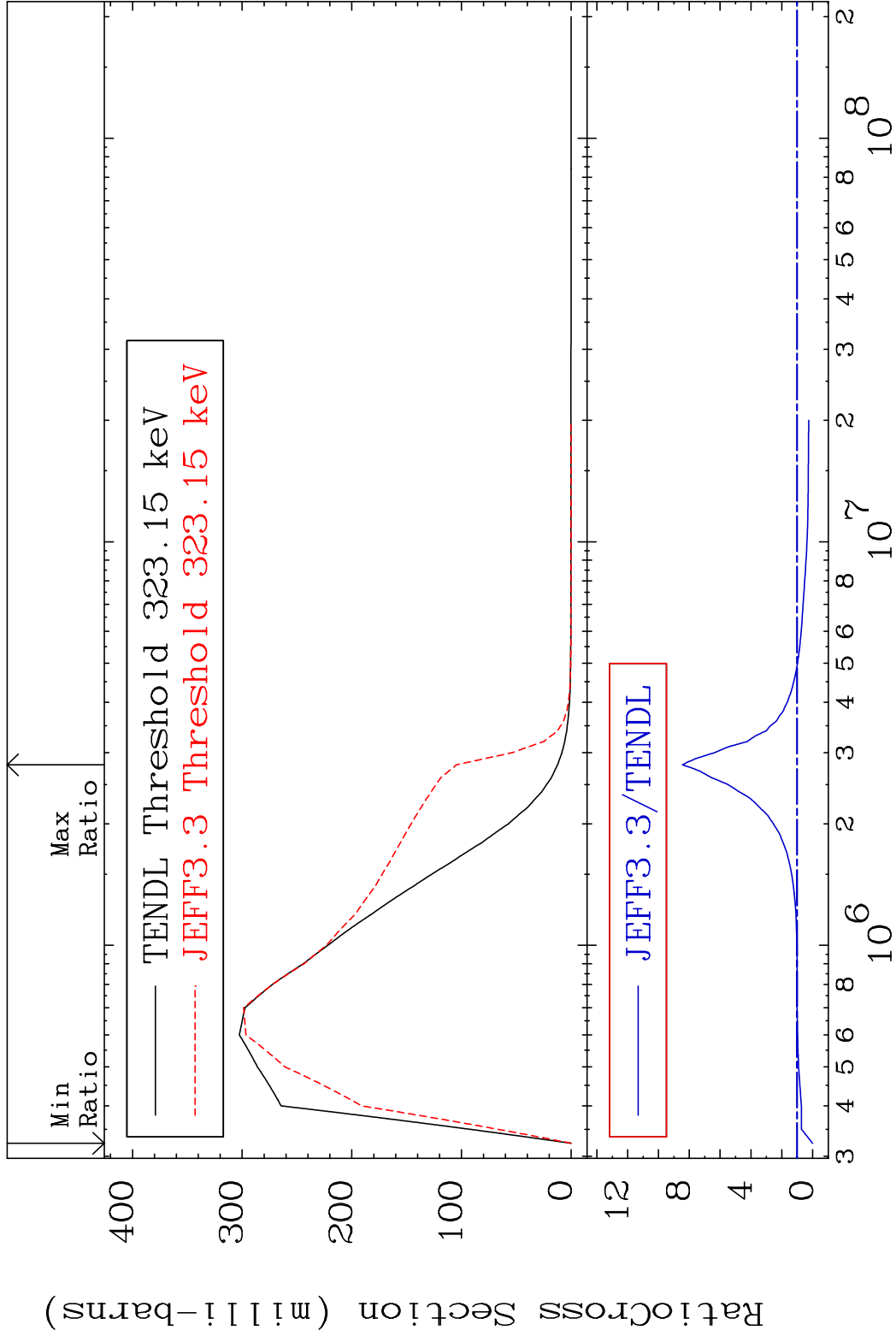


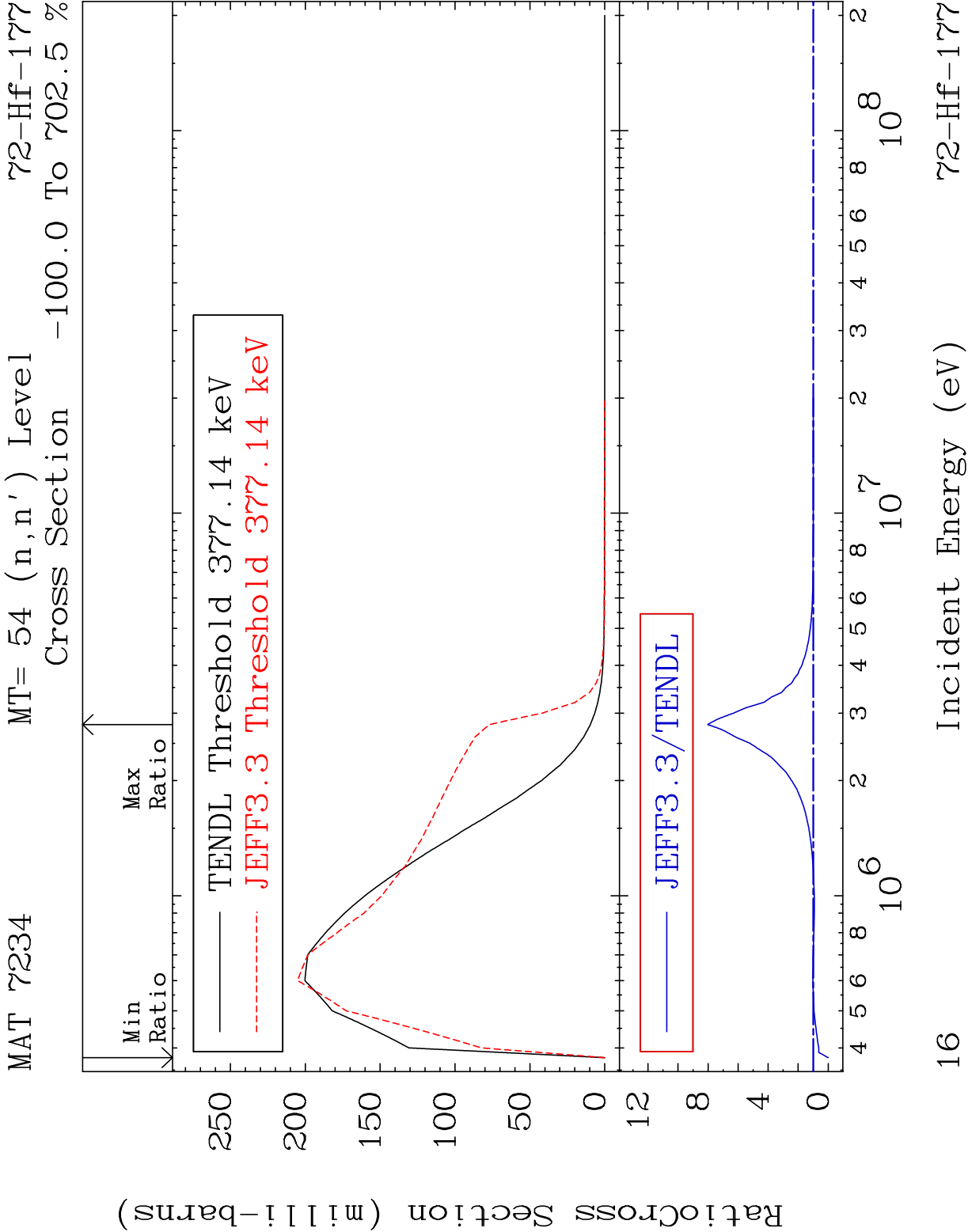


MAT 7234 MT= 52 (n,n') Level 72-Hf-177
Cross Section -100.0 To 92.70 %

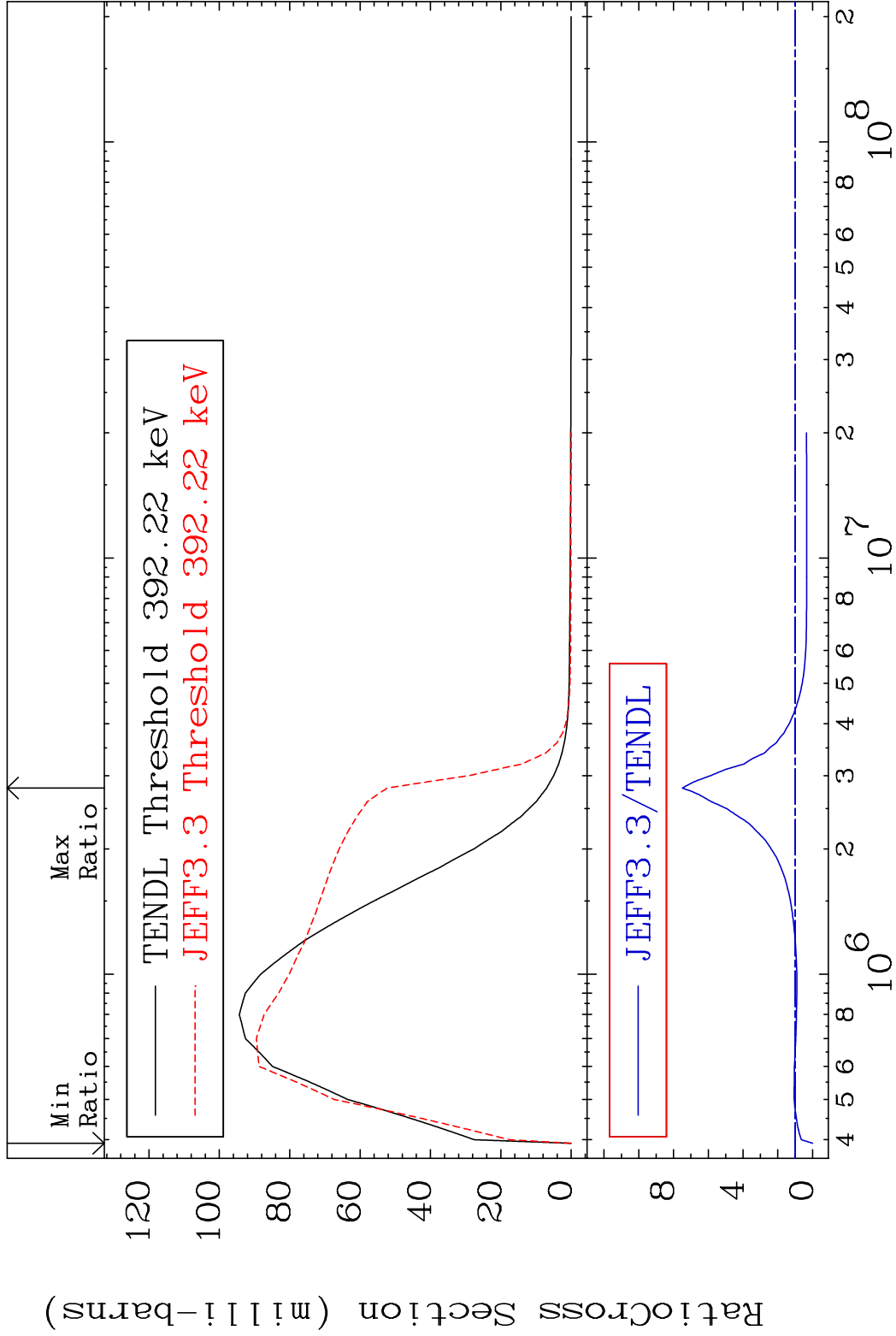


MAT 7234 MT= 53 (n,n') Level 72-Hf-177
Cross Section -100.0 To 745.1 %

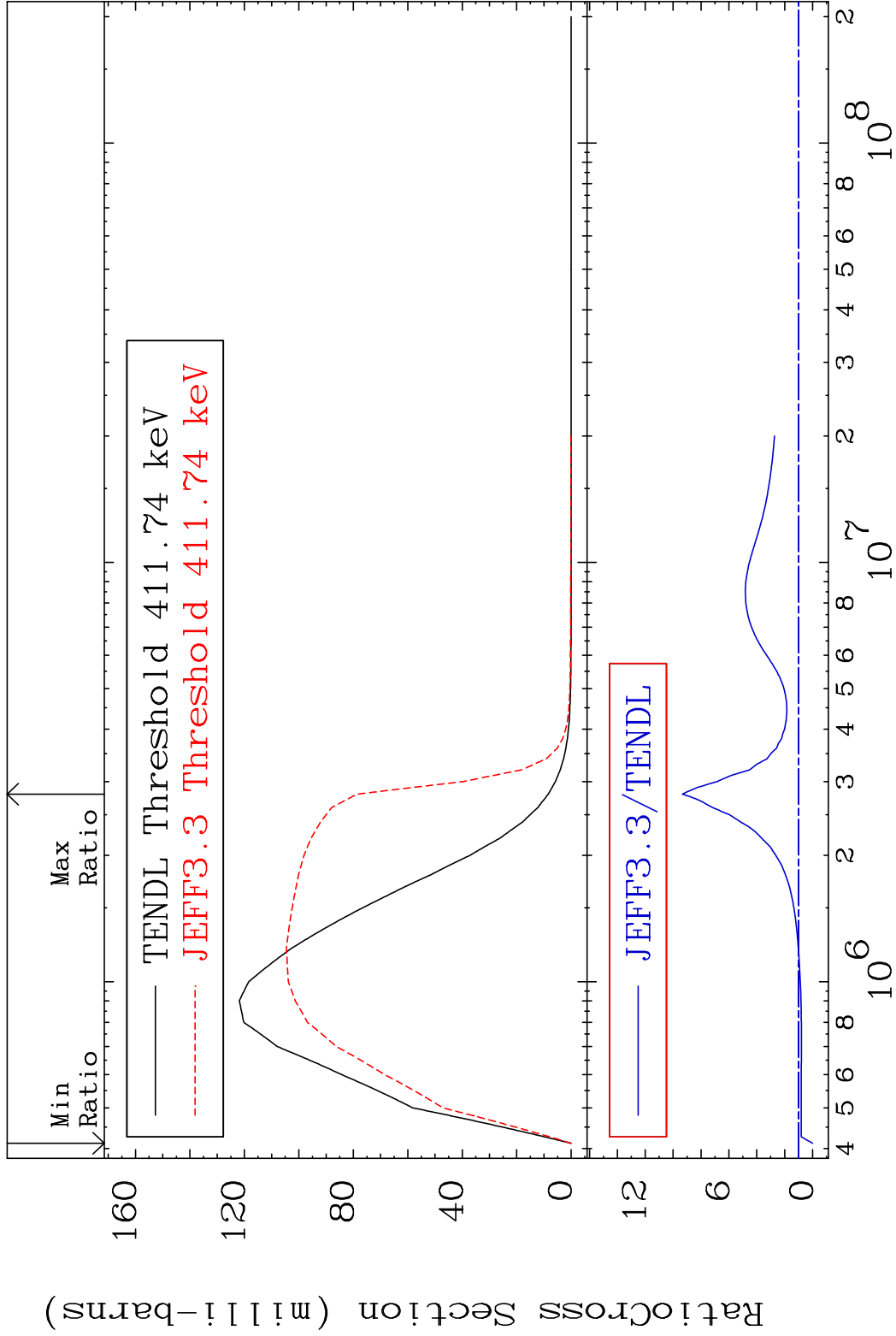




MAT 7234 MT= 55 (n,n') Level 72-Hf-177
Cross Section -100.0 To 649.3 %

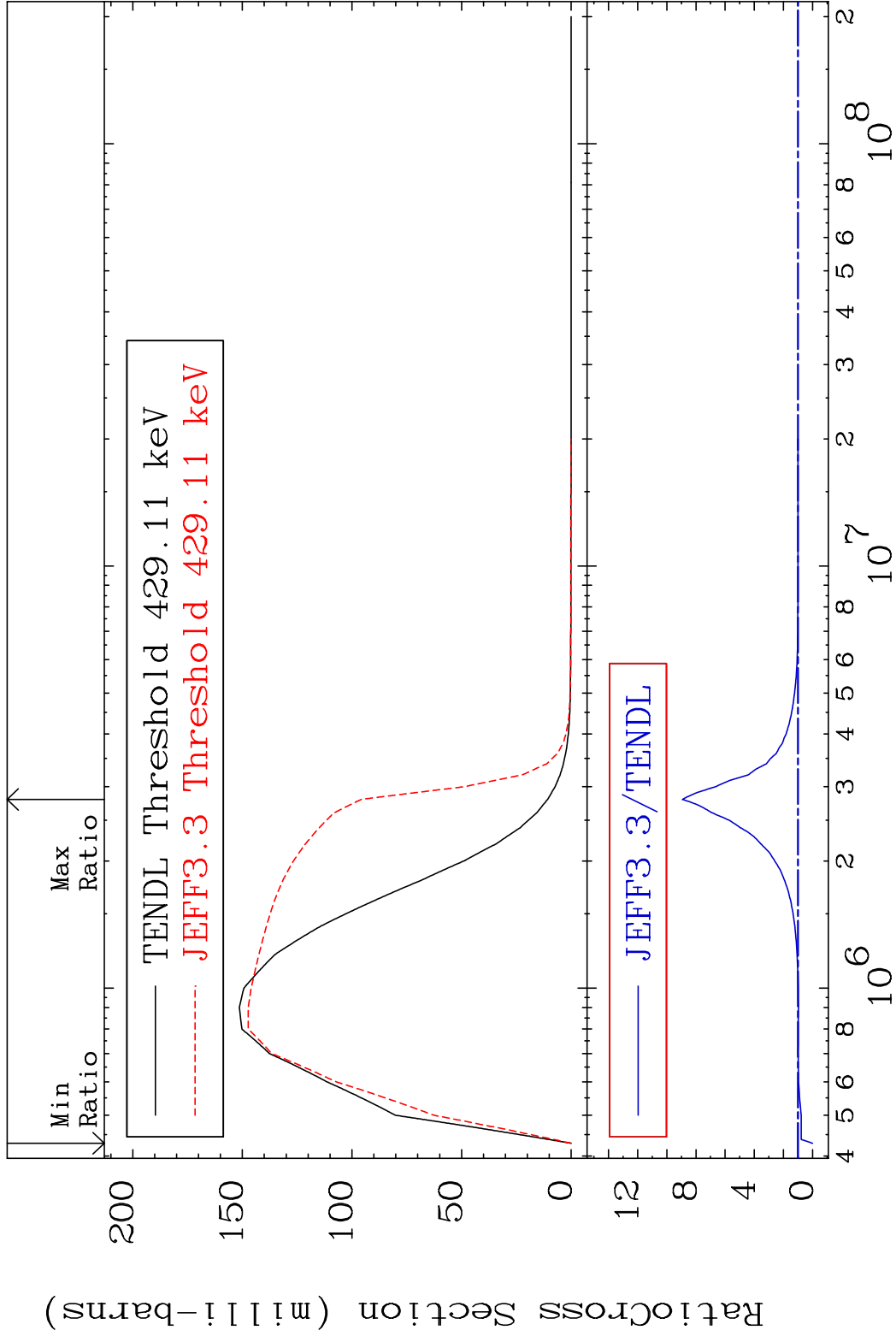


MAT 7234 MT= 56 (n,n') Level 72-Hf-177
Cross Section -100.0 To 834.0 %

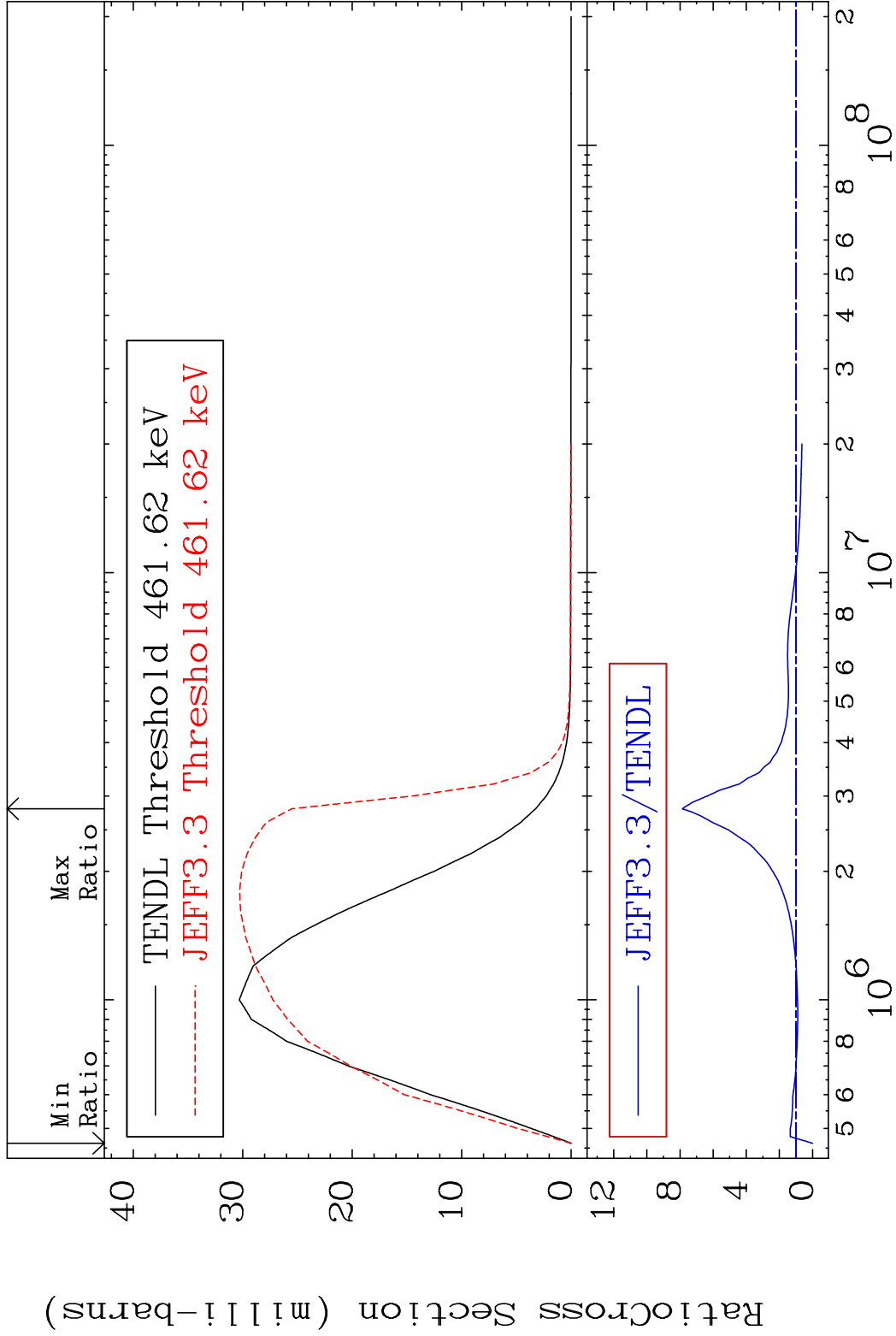


18 Incident Energy (eV) 72-Hf-177

MAT 7234 MT= 57 (n,n') Level 72-Hf-177
Cross Section -100.0 To 793.4 %



MAT 7234 MT= 58 (n,n') Level 72-Hf-177
Cross Section -100.0 To 685.8 %



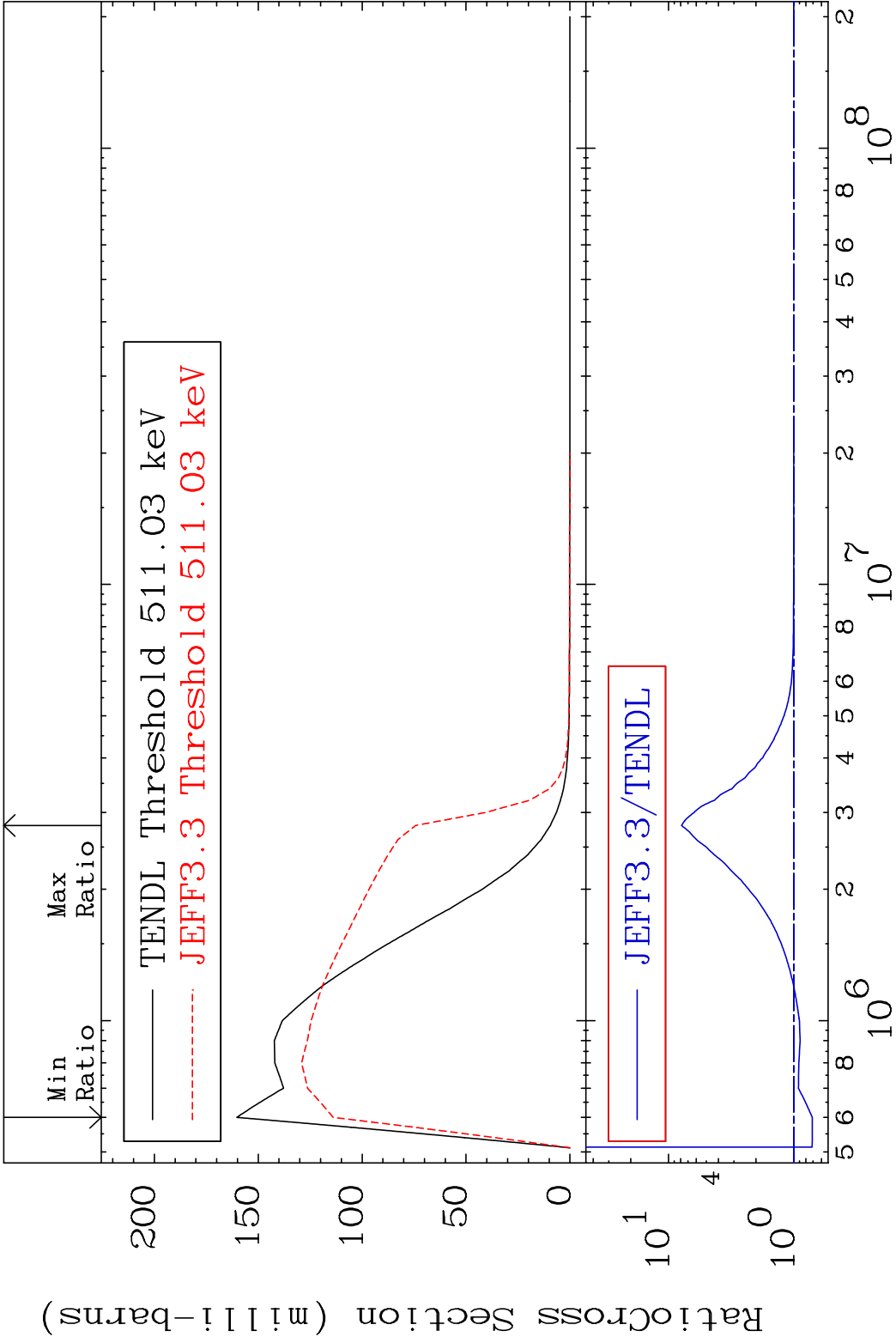
MAT 7234

MT= 59 (n,n') Level

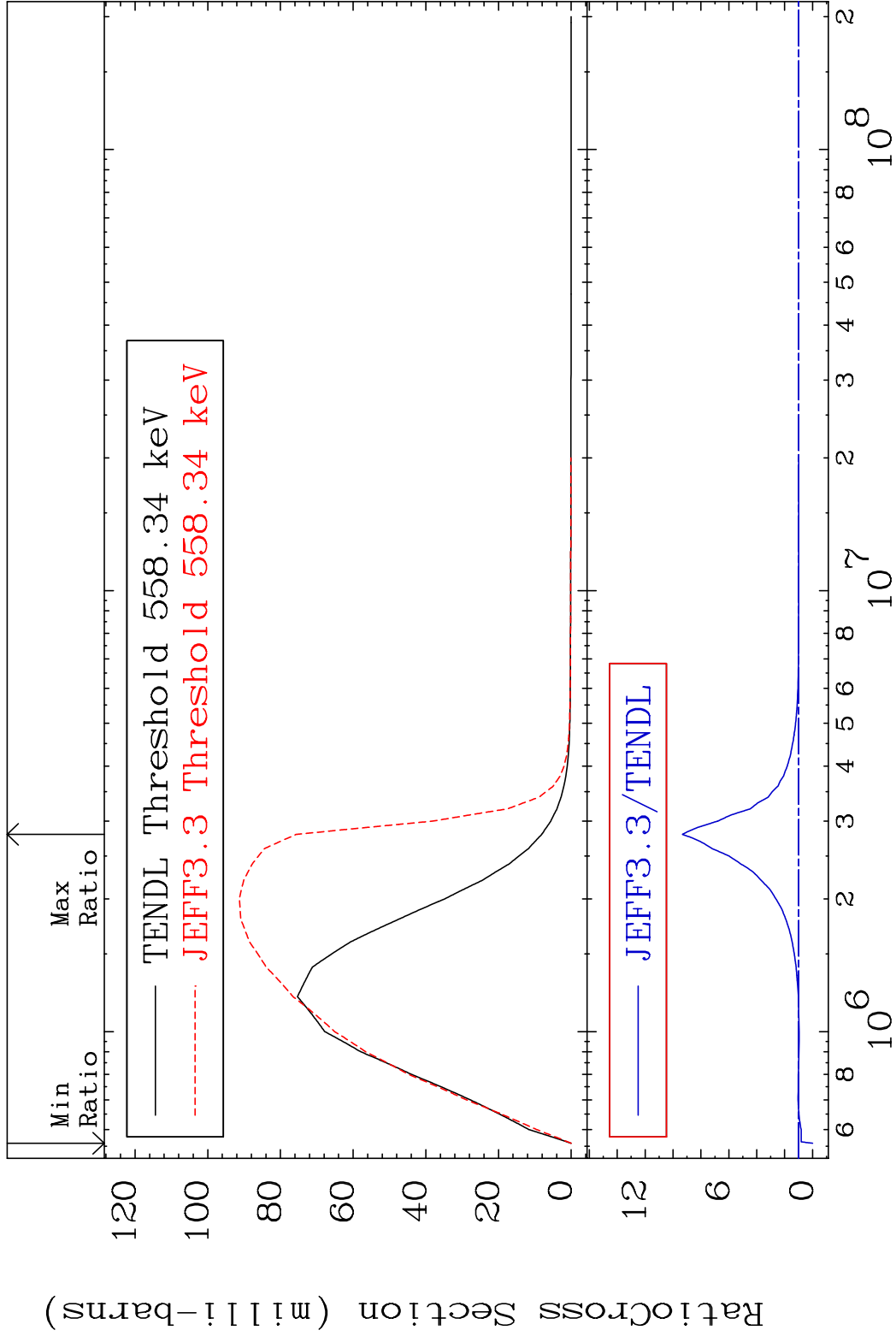
72-Hf-177

Cross Section

-28.91 To 686.8 %



MAT 7234 MT= 60 (n,n') Level 72-Hf-177
Cross Section -100.0 To 833.2 %



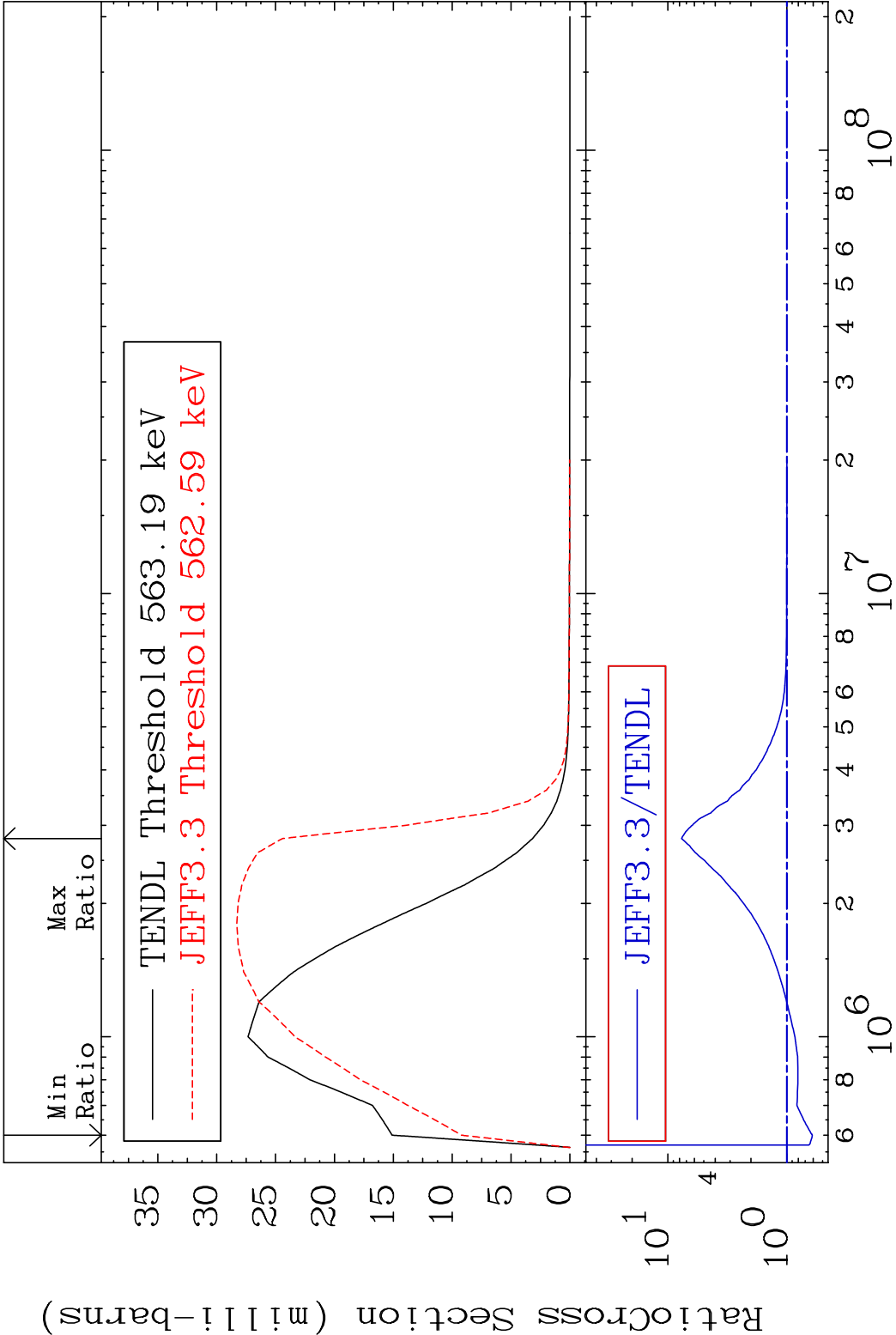
MAT 7234

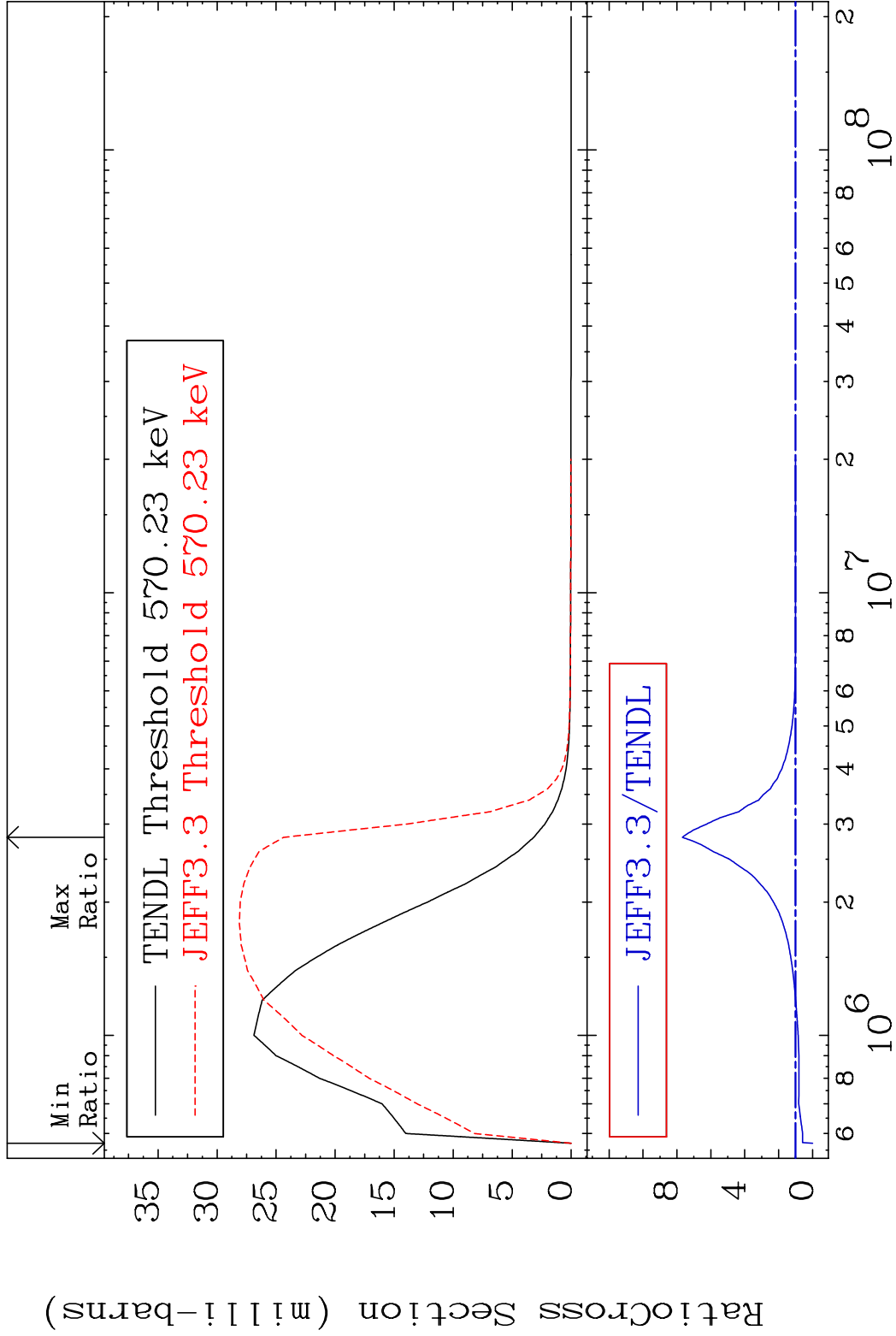
MT= 61 (n,n') Level

72-Hf-177

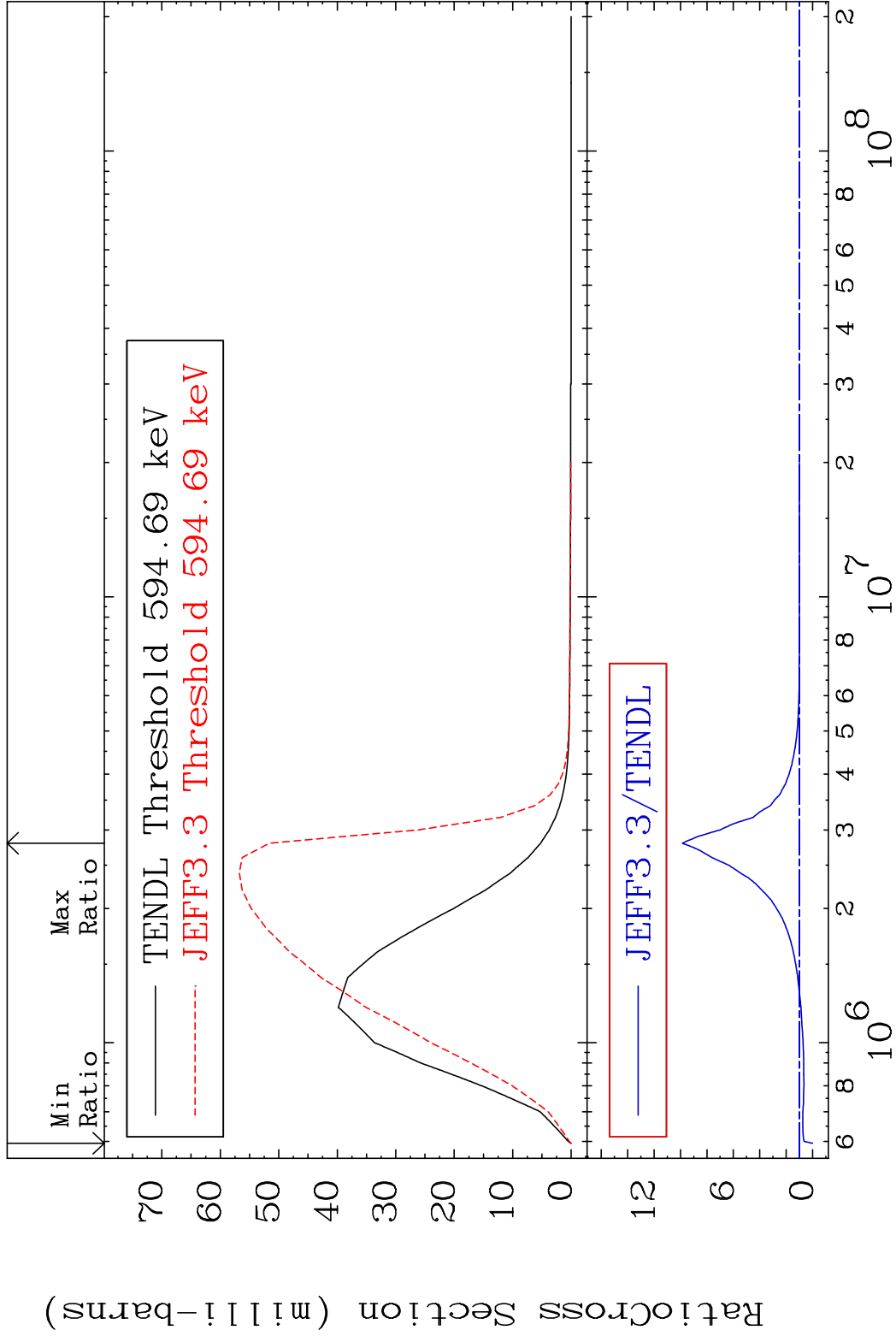
Cross Section

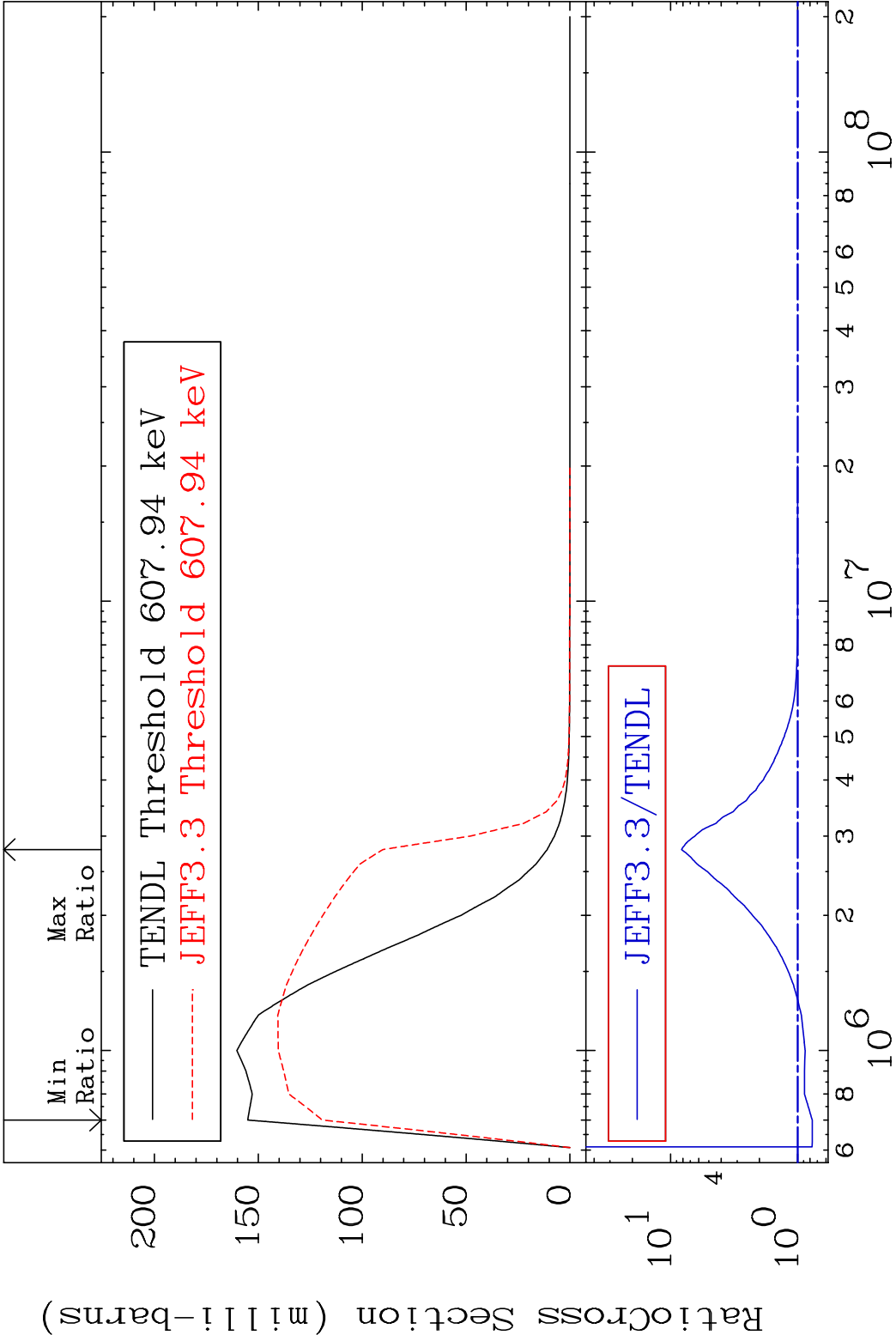
-38.95 To 668.2 %



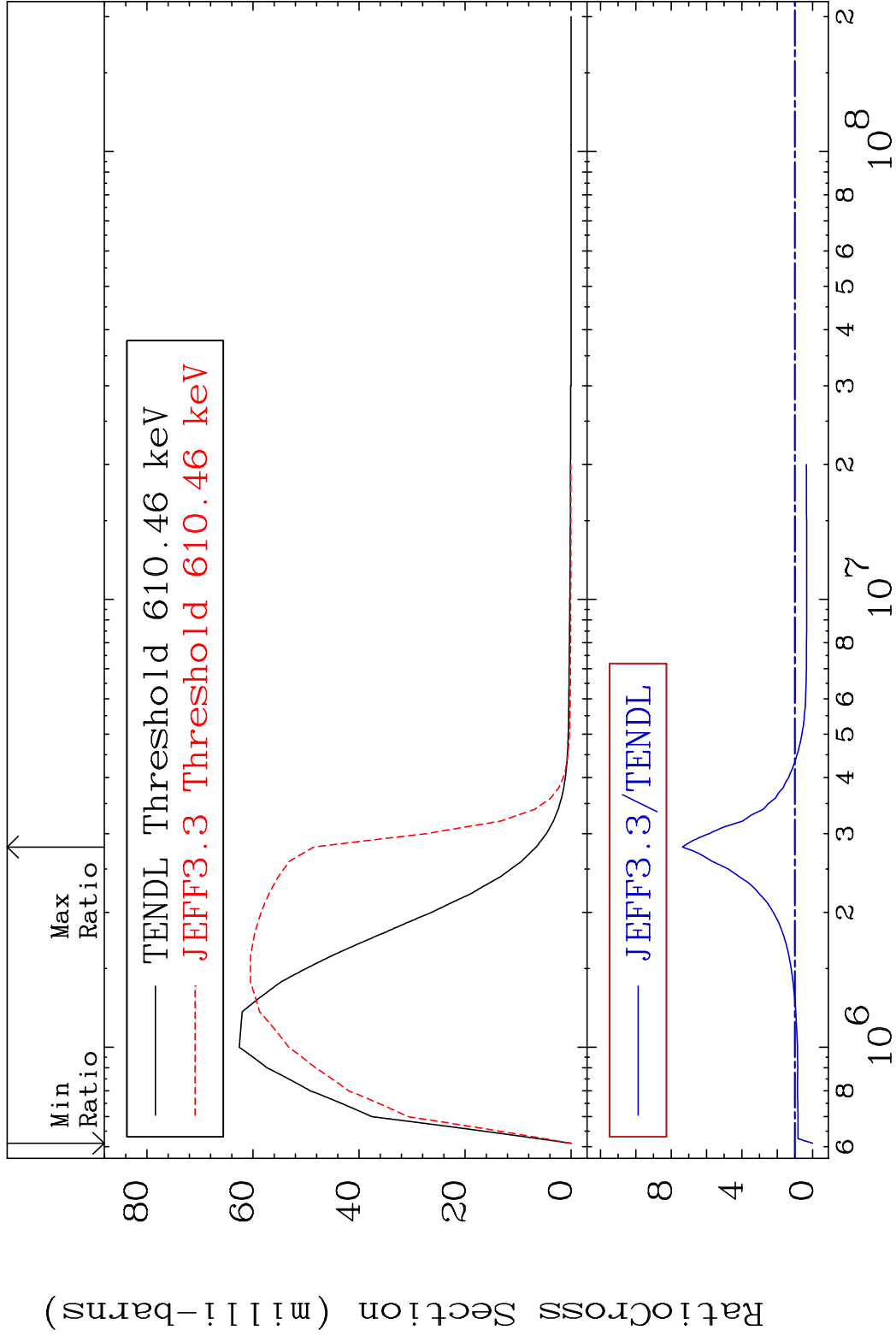


MAT 7234 MT= 63 (n,n') Level 72-Hf-177
Cross Section -100.0 To 885.9 %

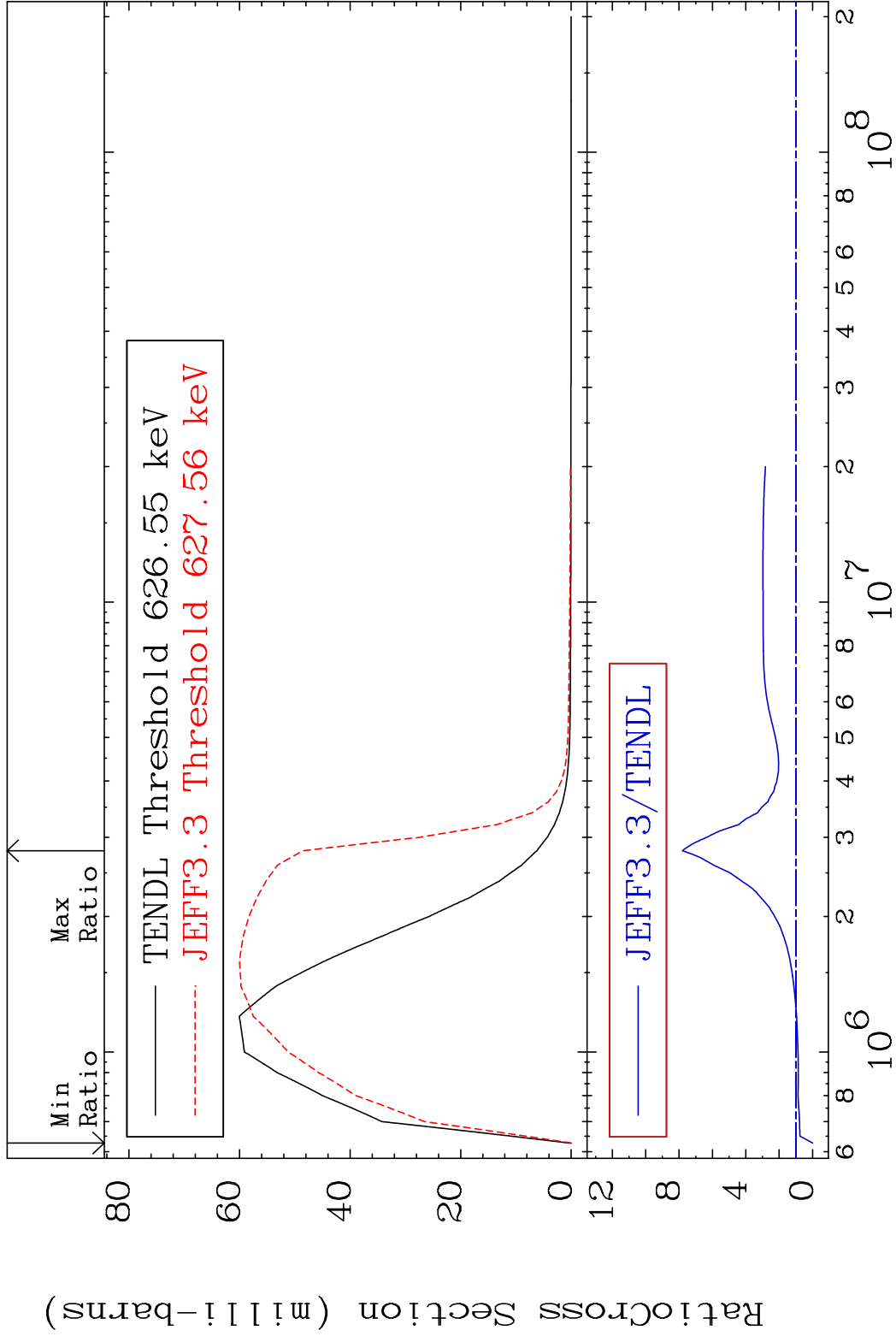




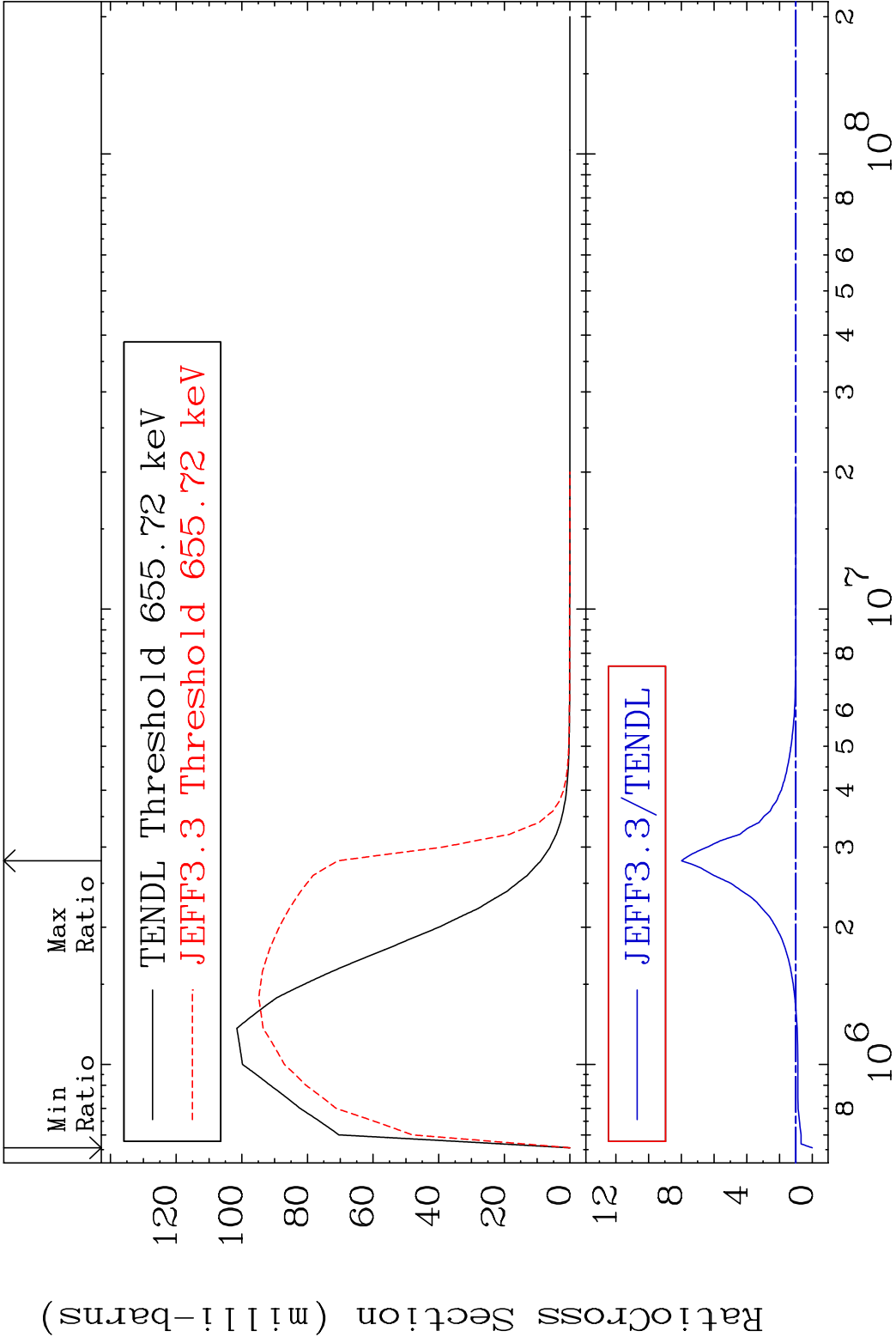
MAT 7234 MT= 65 (n,n') Level 72-Hf-177
Cross Section -100.0 To 636.8 %



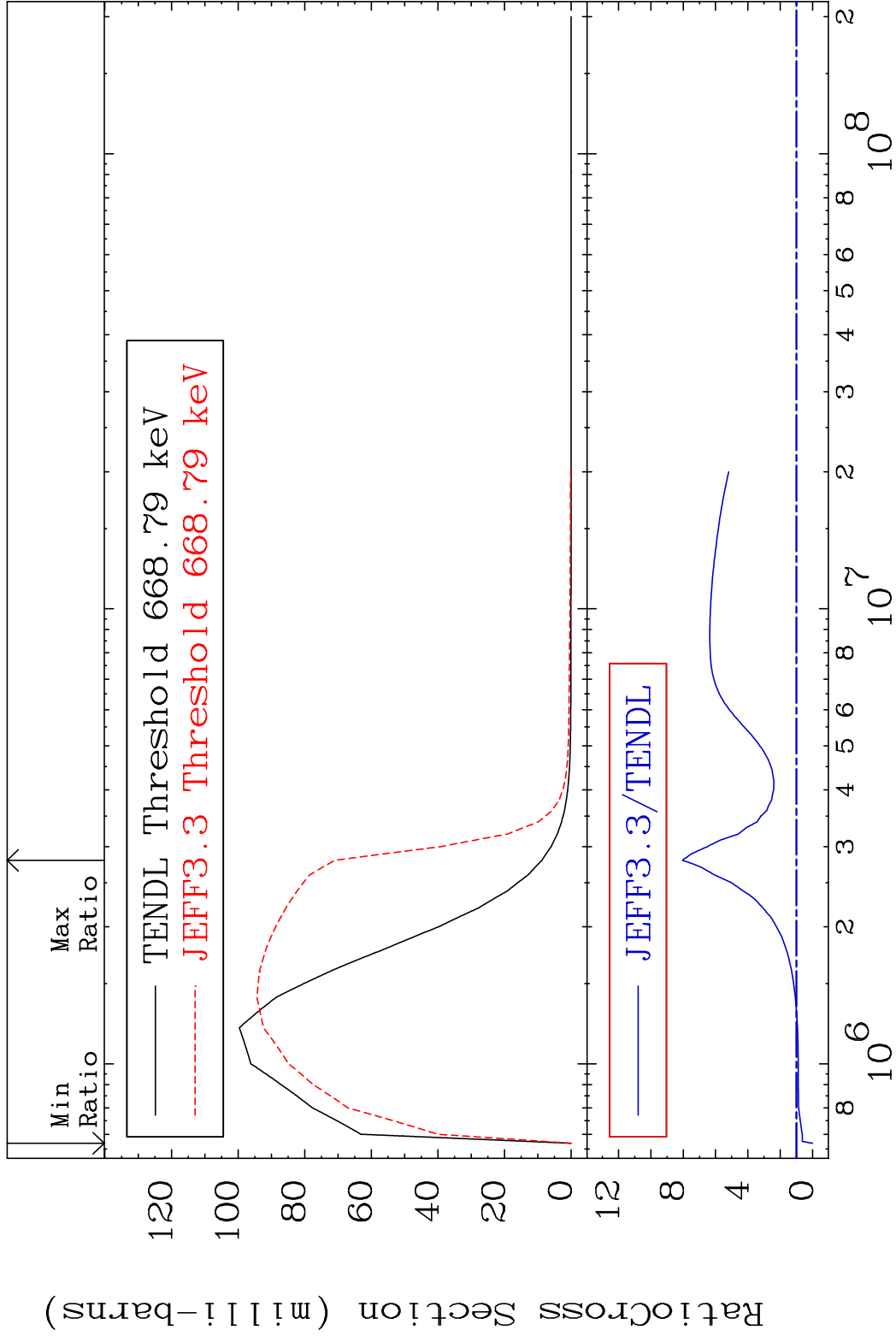
MAT 7234 MT= 66 (n,n') Level 72-Hf-177
Cross Section -100.0 To 680.3 %



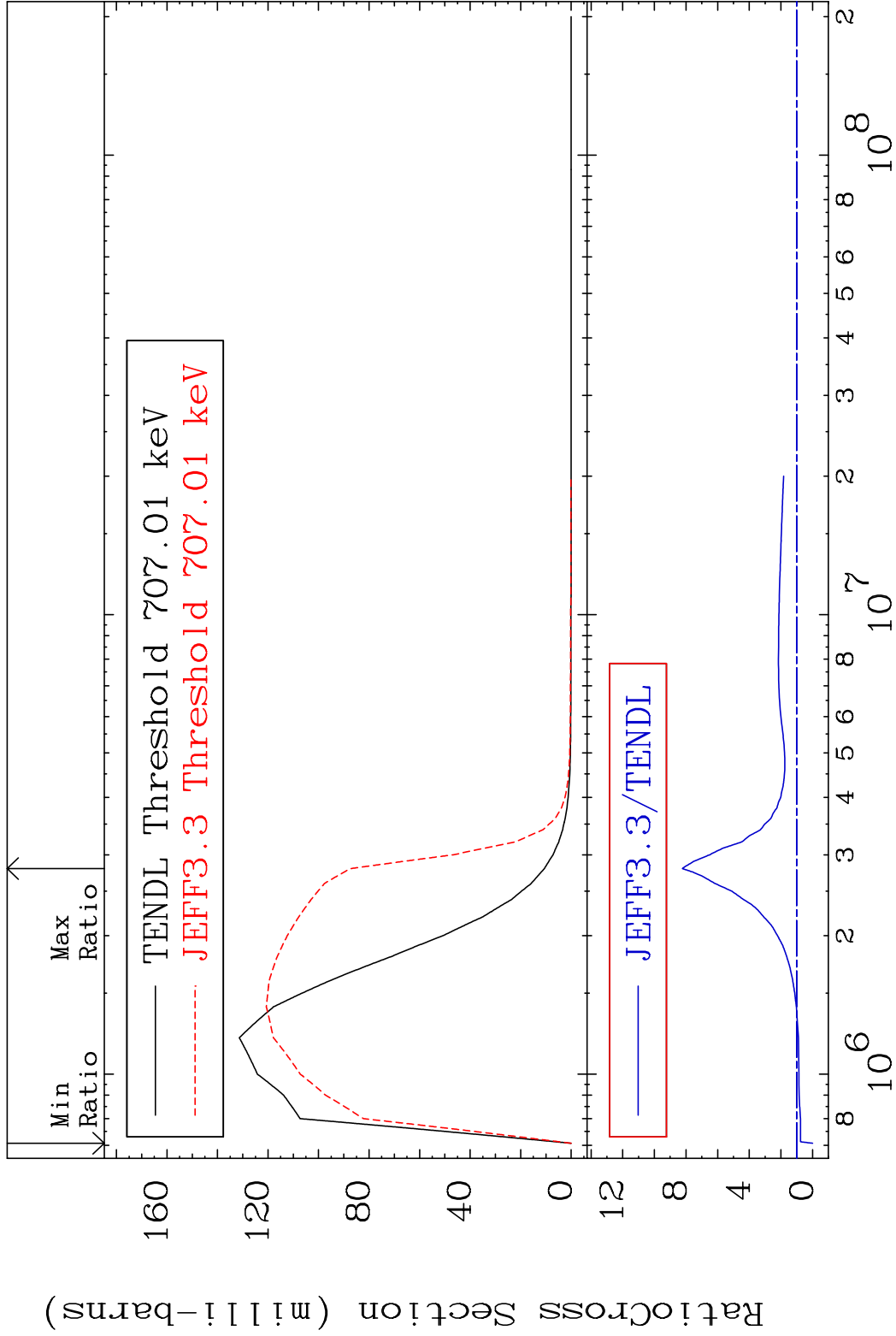
MAT 7234 MT= 67 (n,n') Level 72-Hf-177
Cross Section -100.0 To 698.4 %



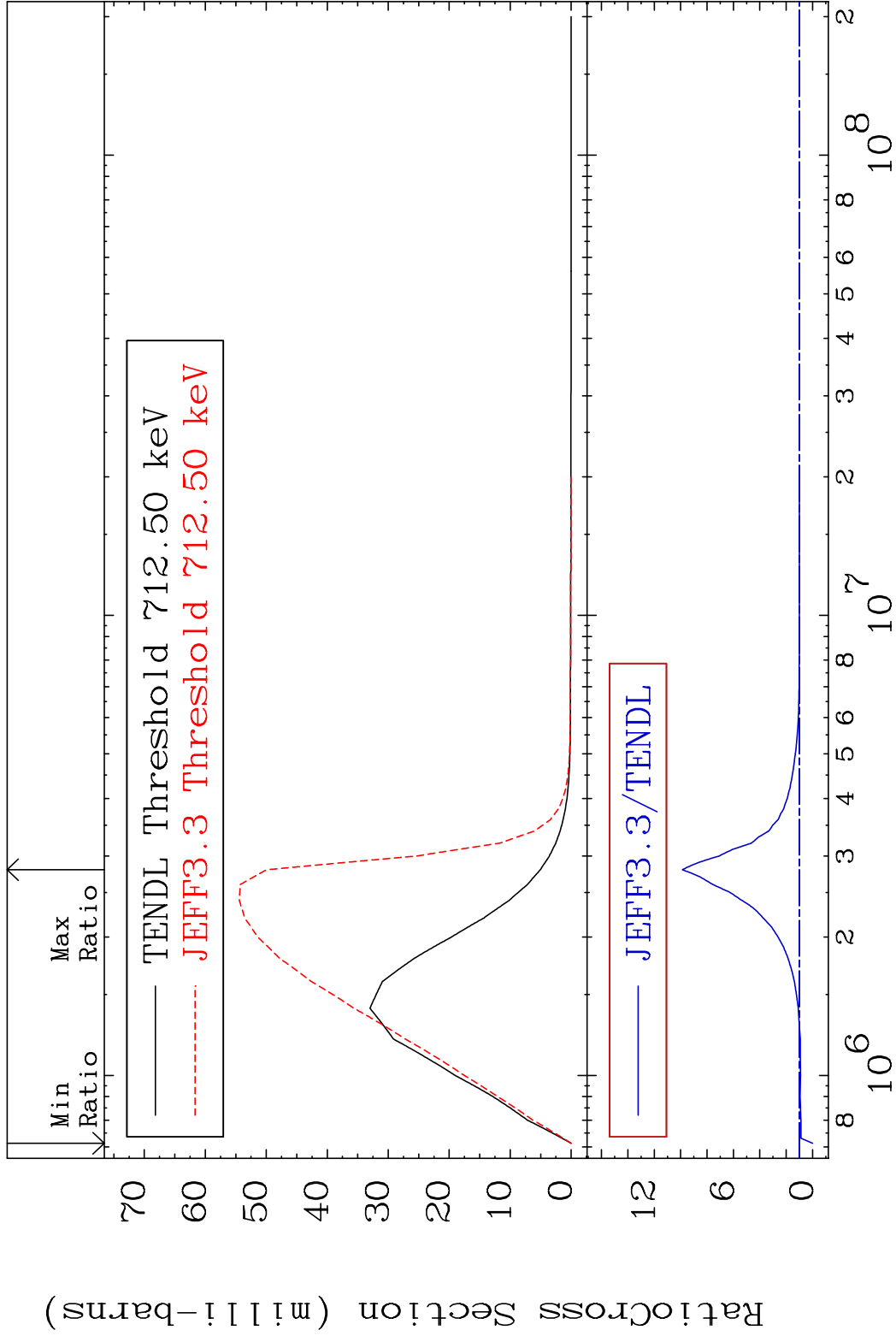
MAT 7234 MT= 68 (n,n') Level 72-Hf-177
Cross Section -100.0 To 705.4 %



MAT 7234 MT= 69 (n,n') Level 72-Hf-177
Cross Section -100.0 To 723.0 %



MAT 7234 MT= 70 (n,n') Level 72-Hf-177
Cross Section -100.0 To 887.0 %



MAT 7234

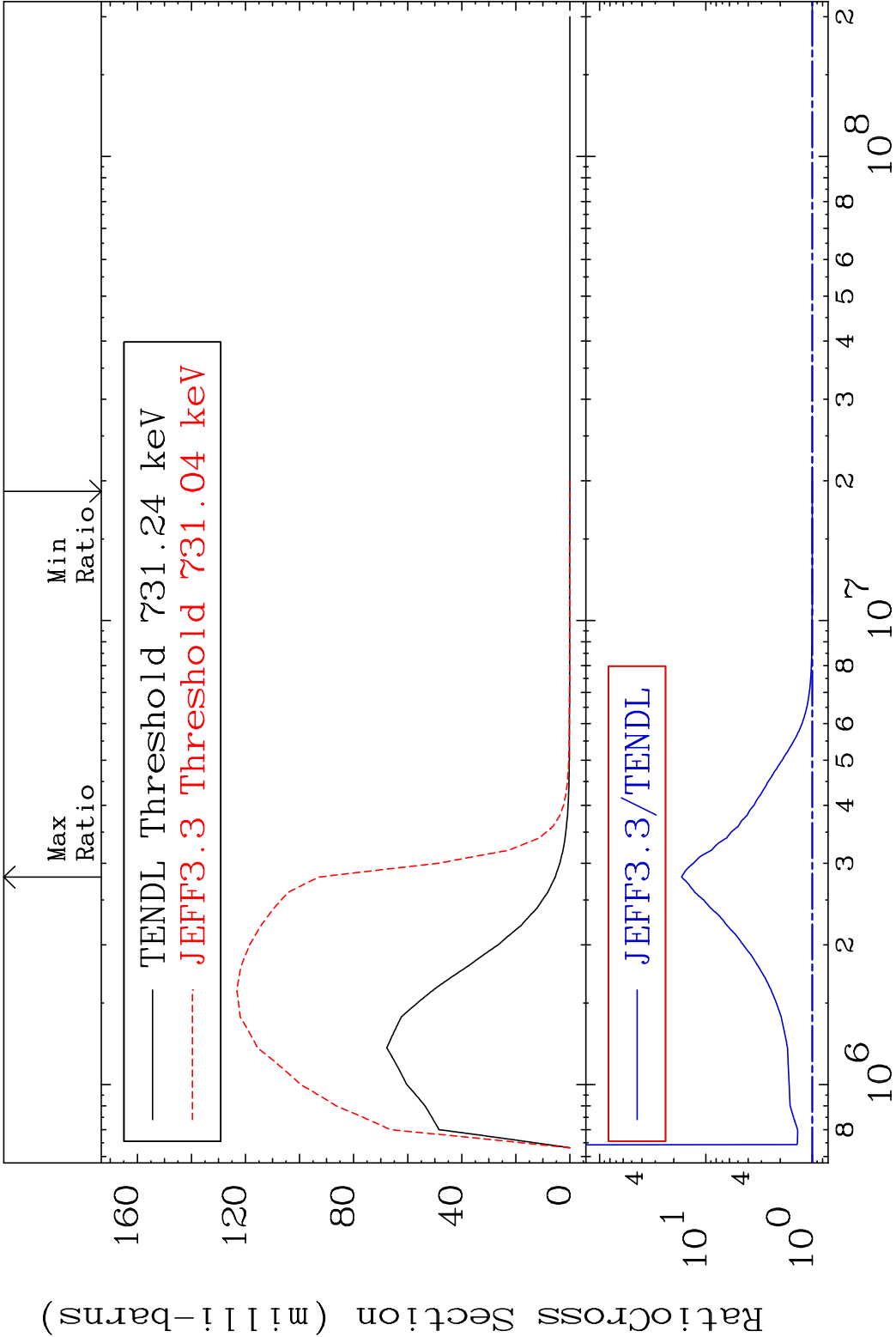
MT= 71 (n,n') Level

72-Hf-177

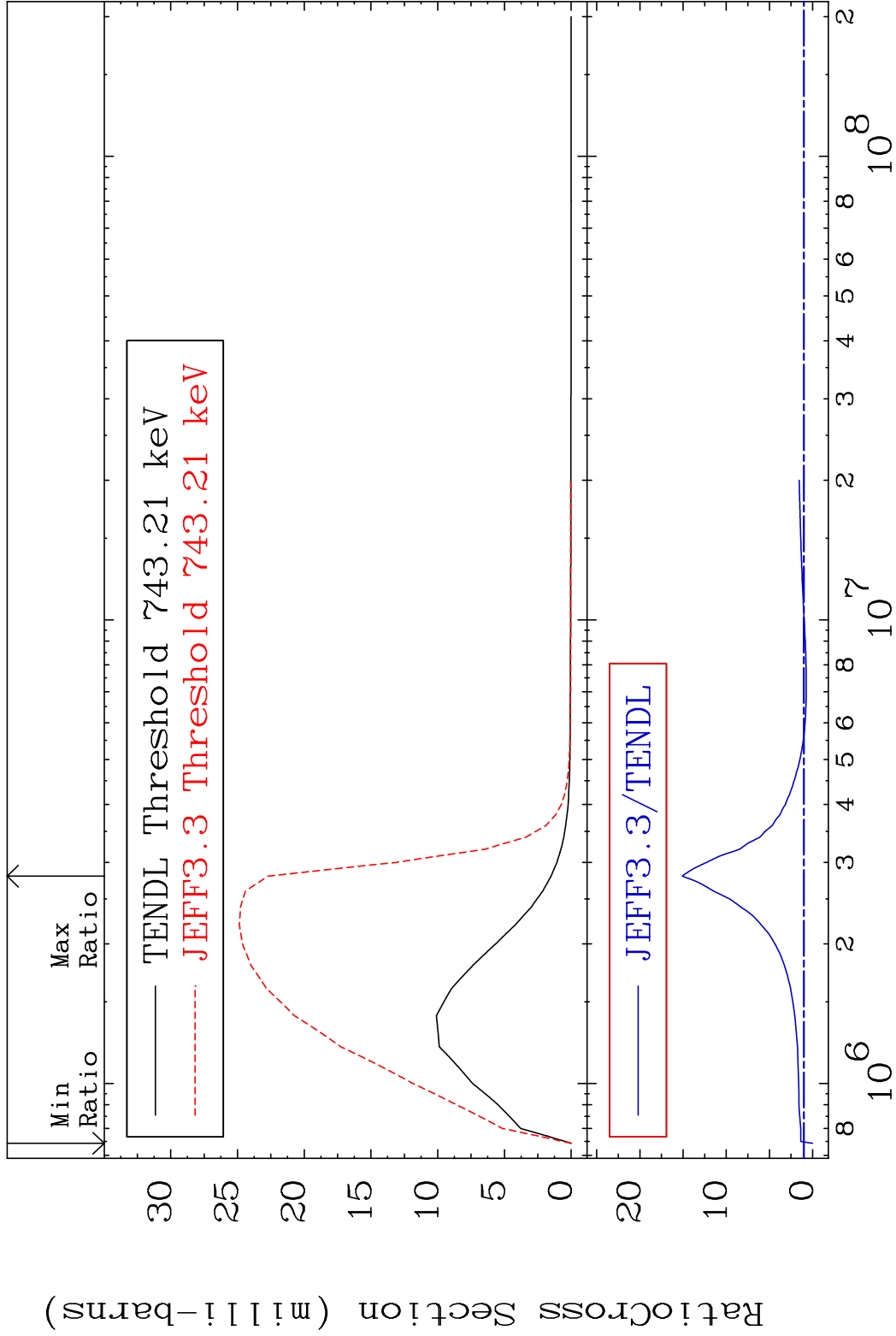
Cross Section

0.000

To 1595. %



MAT 7234 MT= 72 (n,n') Level 72-Hf-177
Cross Section -100.0 To 1408. %



34 Incident Energy (eV) 72-Hf-177

MAT 7234

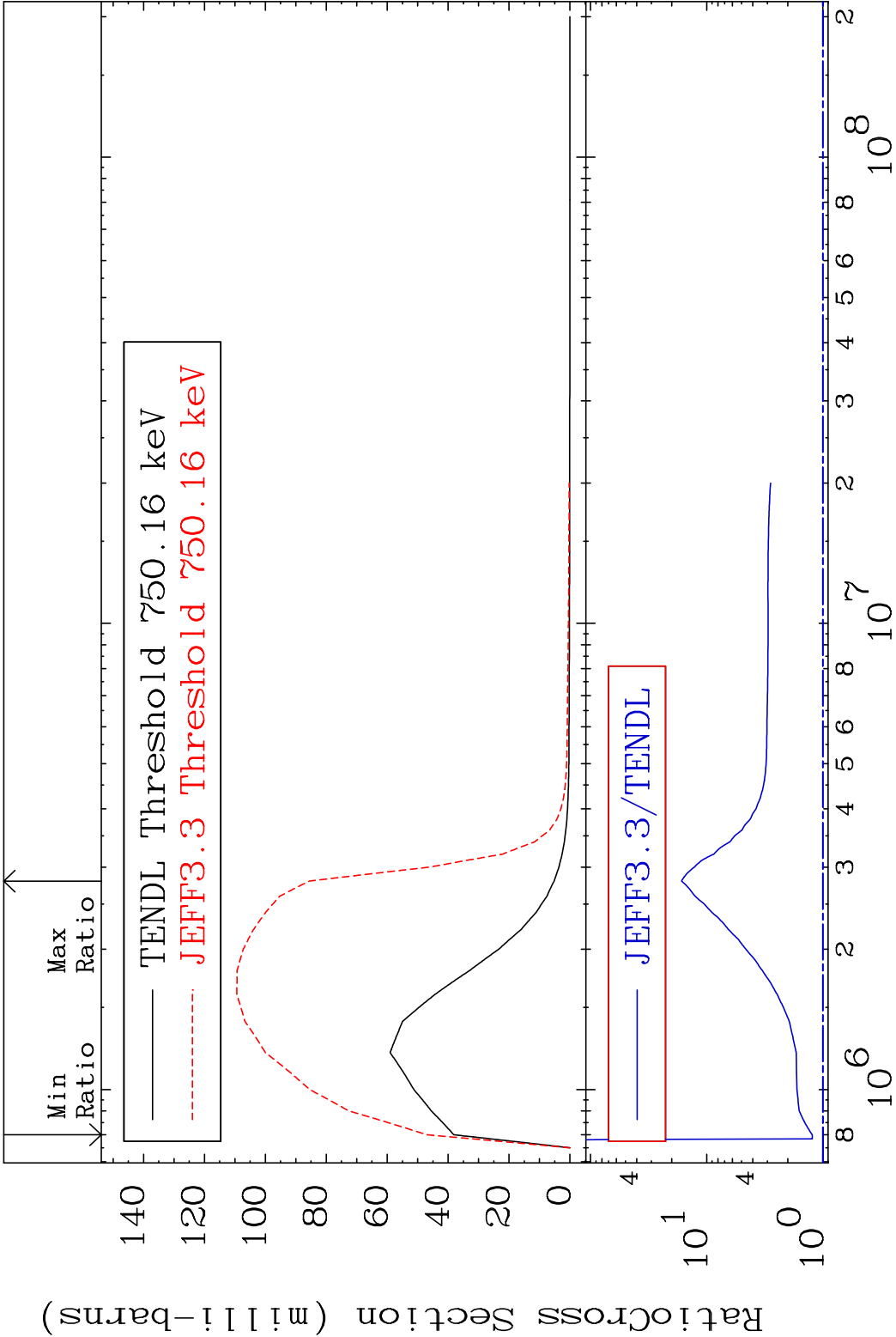
MT= 73 (n,n') Level

72-Hf-177

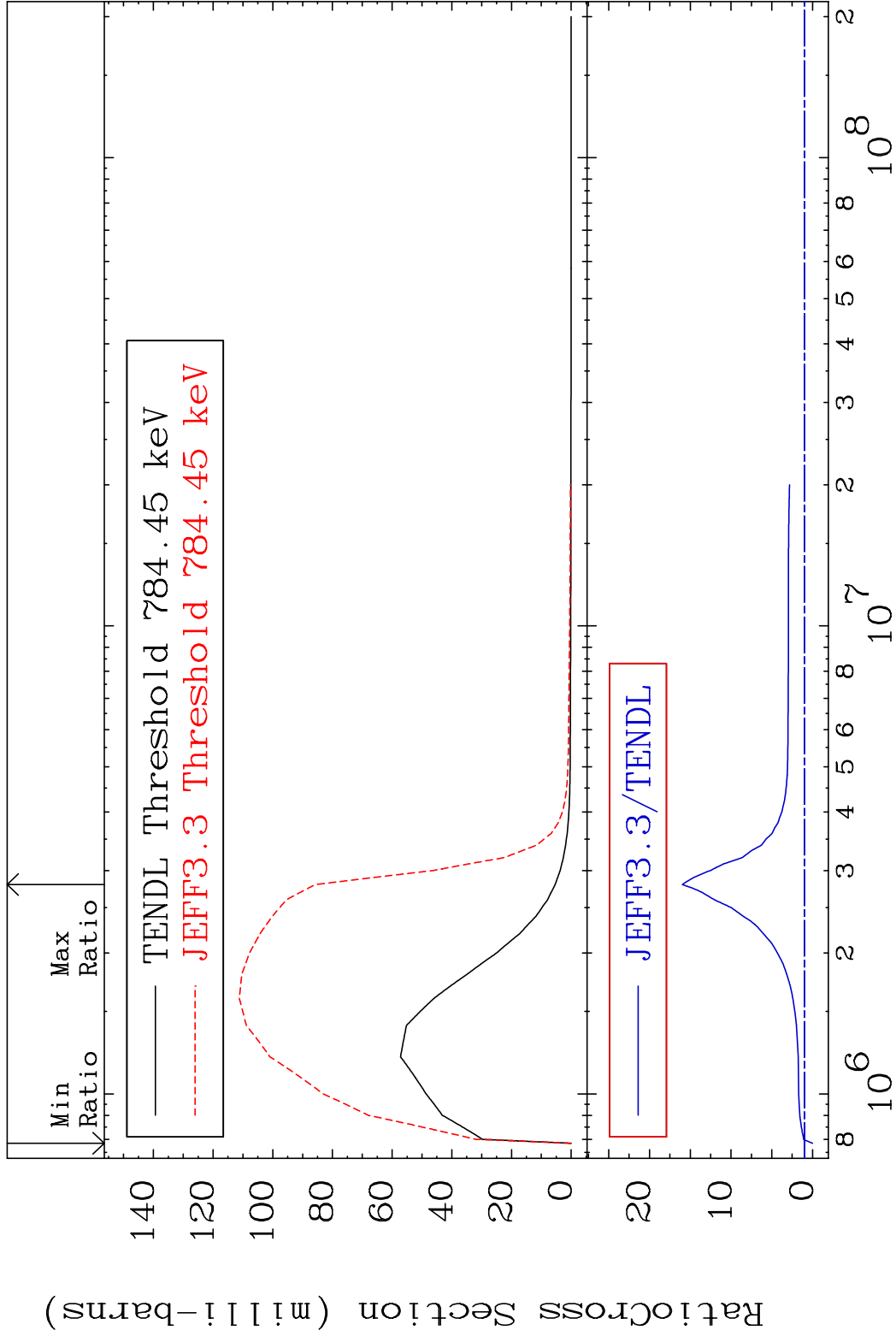
Cross Section

23.16

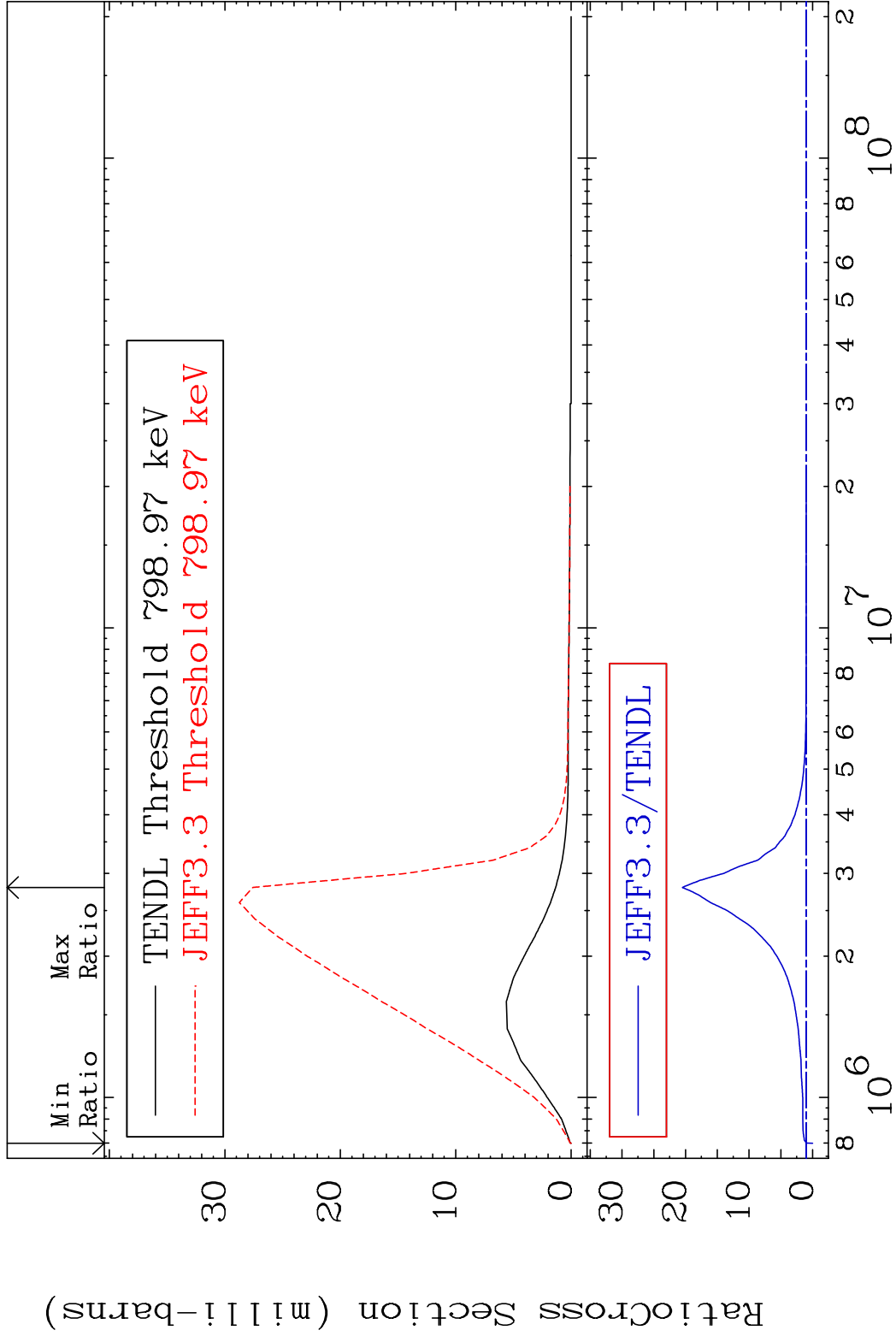
To 1546. %



MAT 7234 MT= 74 (n,n') Level 72-Hf-177
Cross Section -100.0 To 1497. %

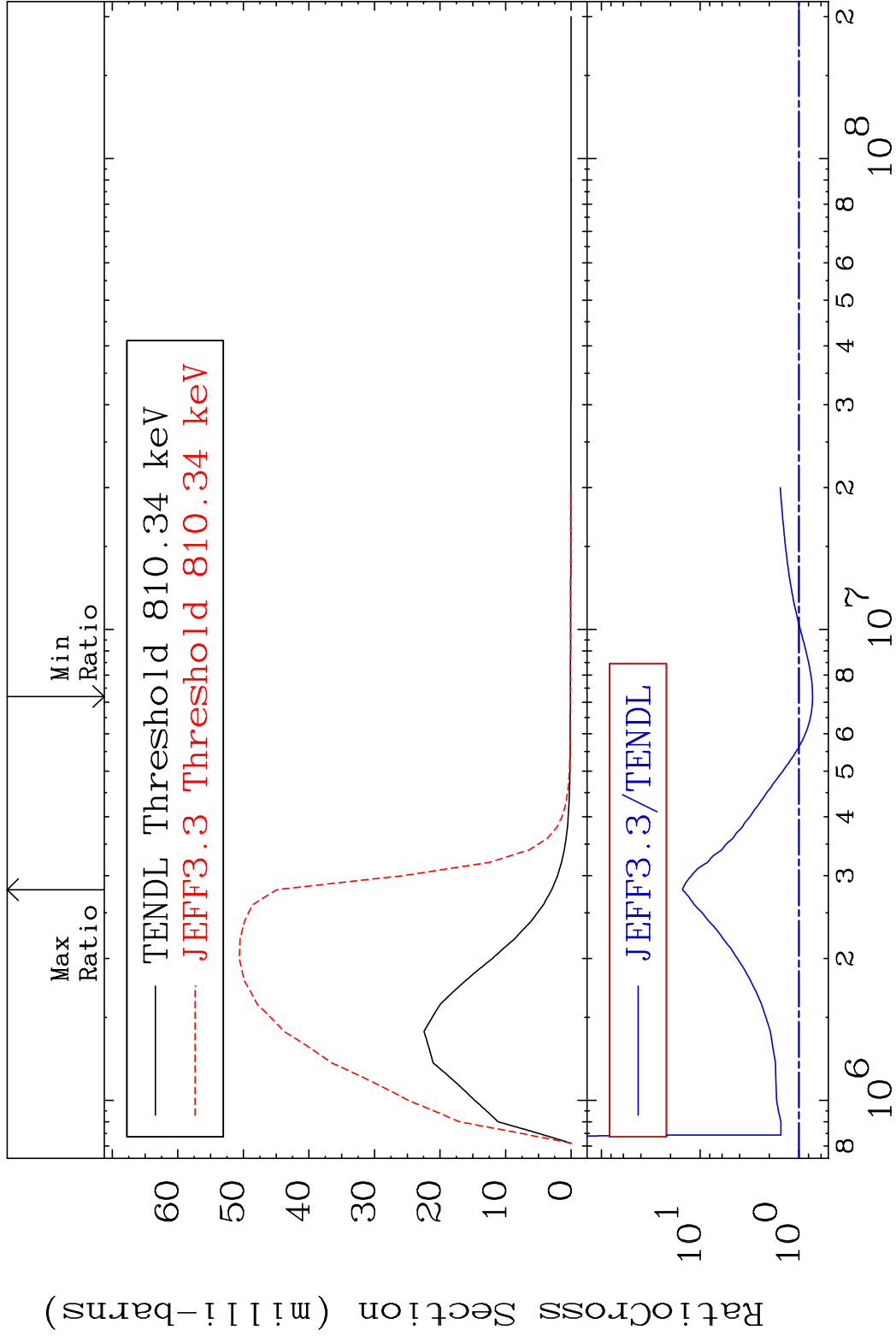


MAT 7234 MT= 75 (n,n') Level 72-Hf-177
Cross Section -100.0 To 1950. %

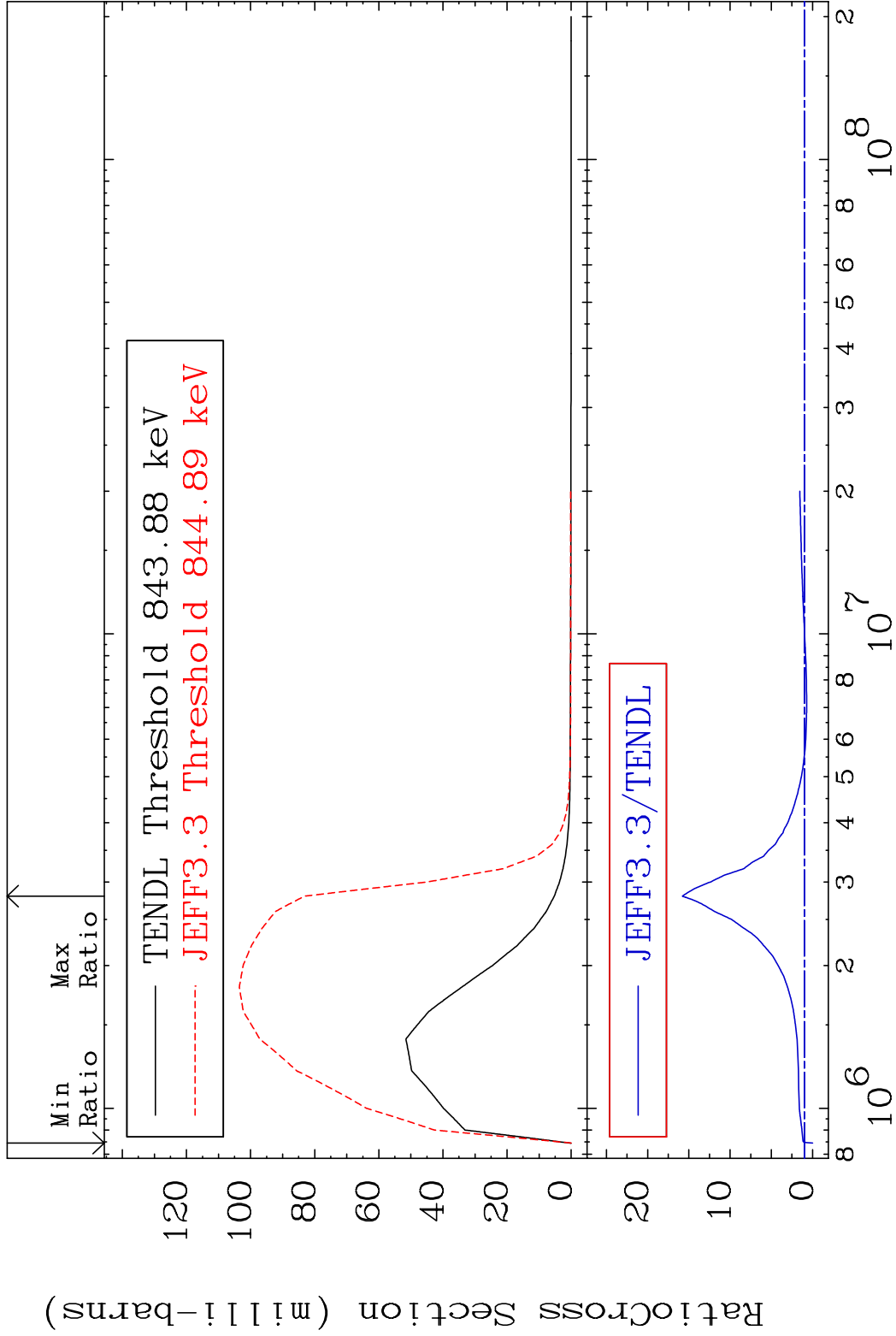


37 Incident Energy (eV) 72-Hf-177

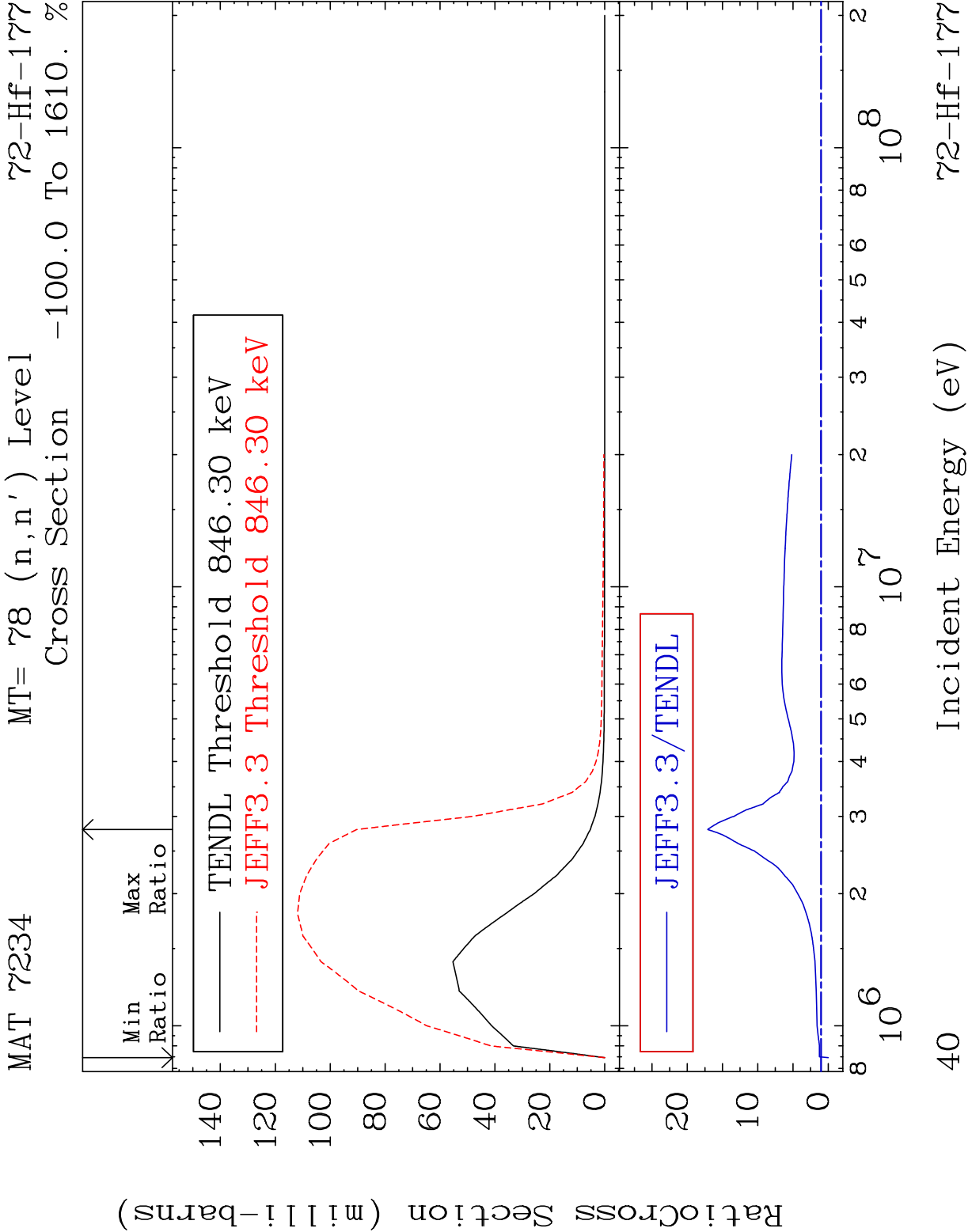
MAT 7234 MT= 76 (n,n') Level 72-Hf-177
Cross Section -27.04 To 1418. %



MAT 7234 MT= 77 (n,n') Level 72-Hf-177
Cross Section -100.0 To 1479. %

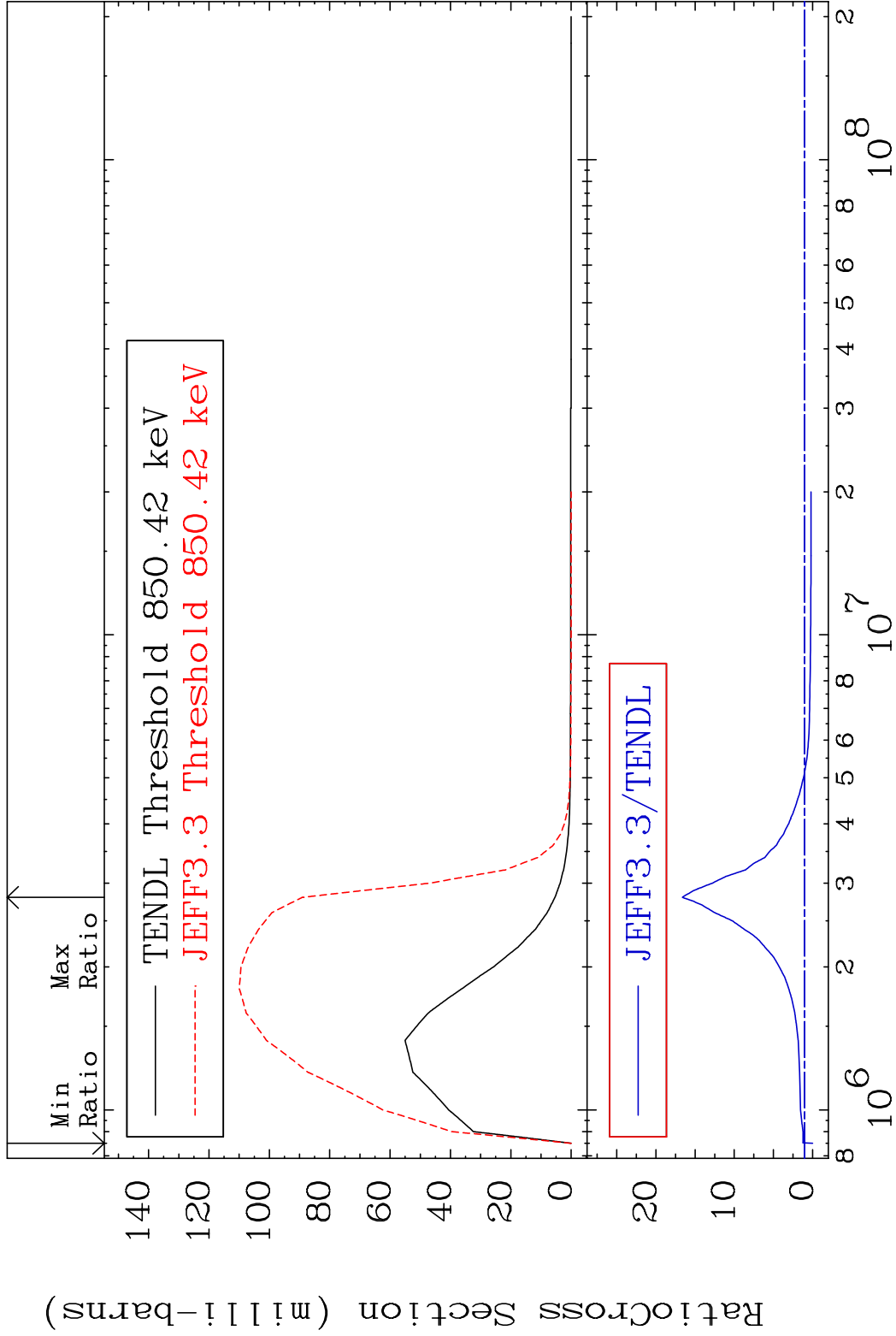


39 Incident Energy (eV) 72-Hf-177



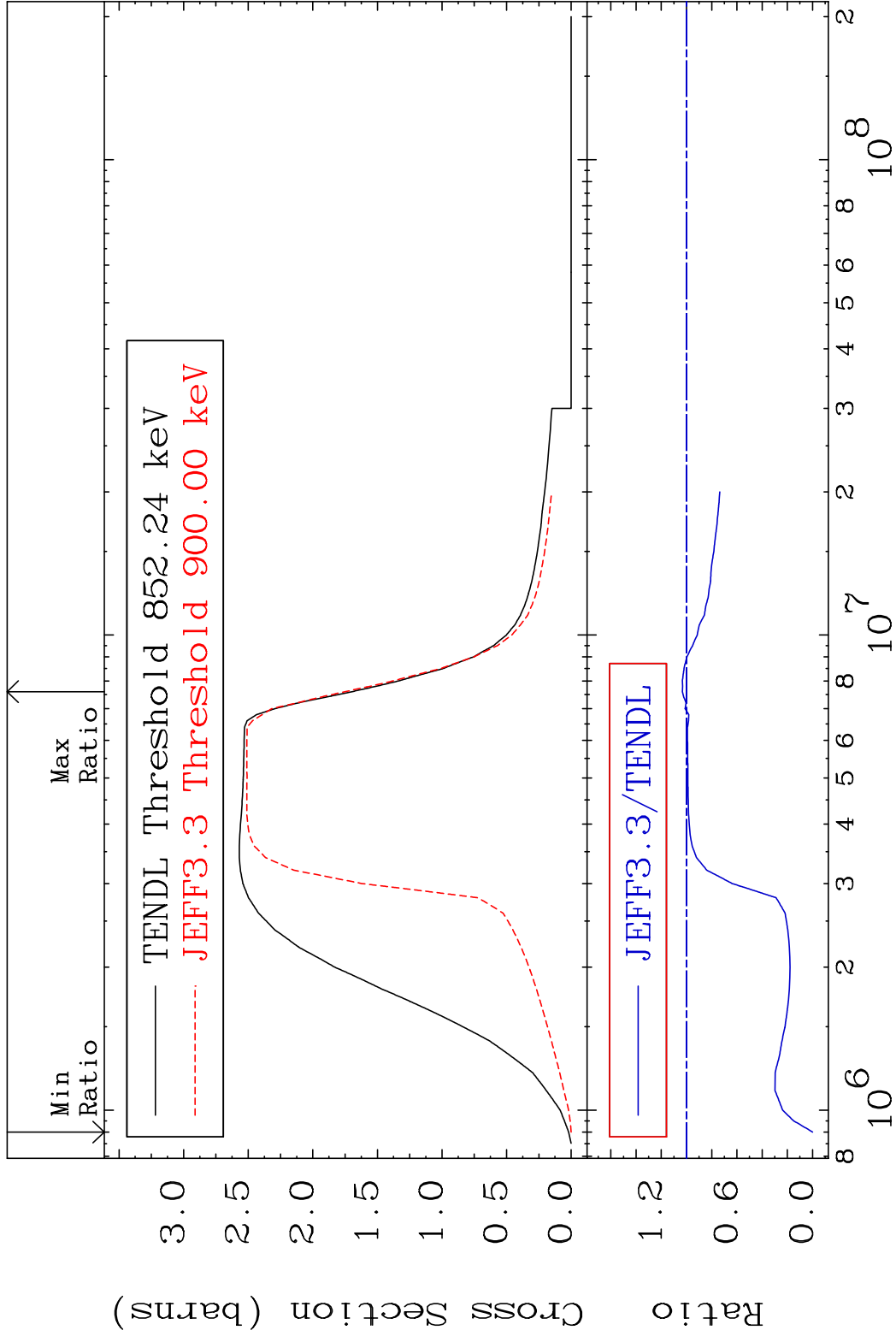
RatioCross Section (milli-barns)

MAT 7234 MT= 79 (n,n') Level 72-Hf-177
Cross Section -100.0 To 1563. %

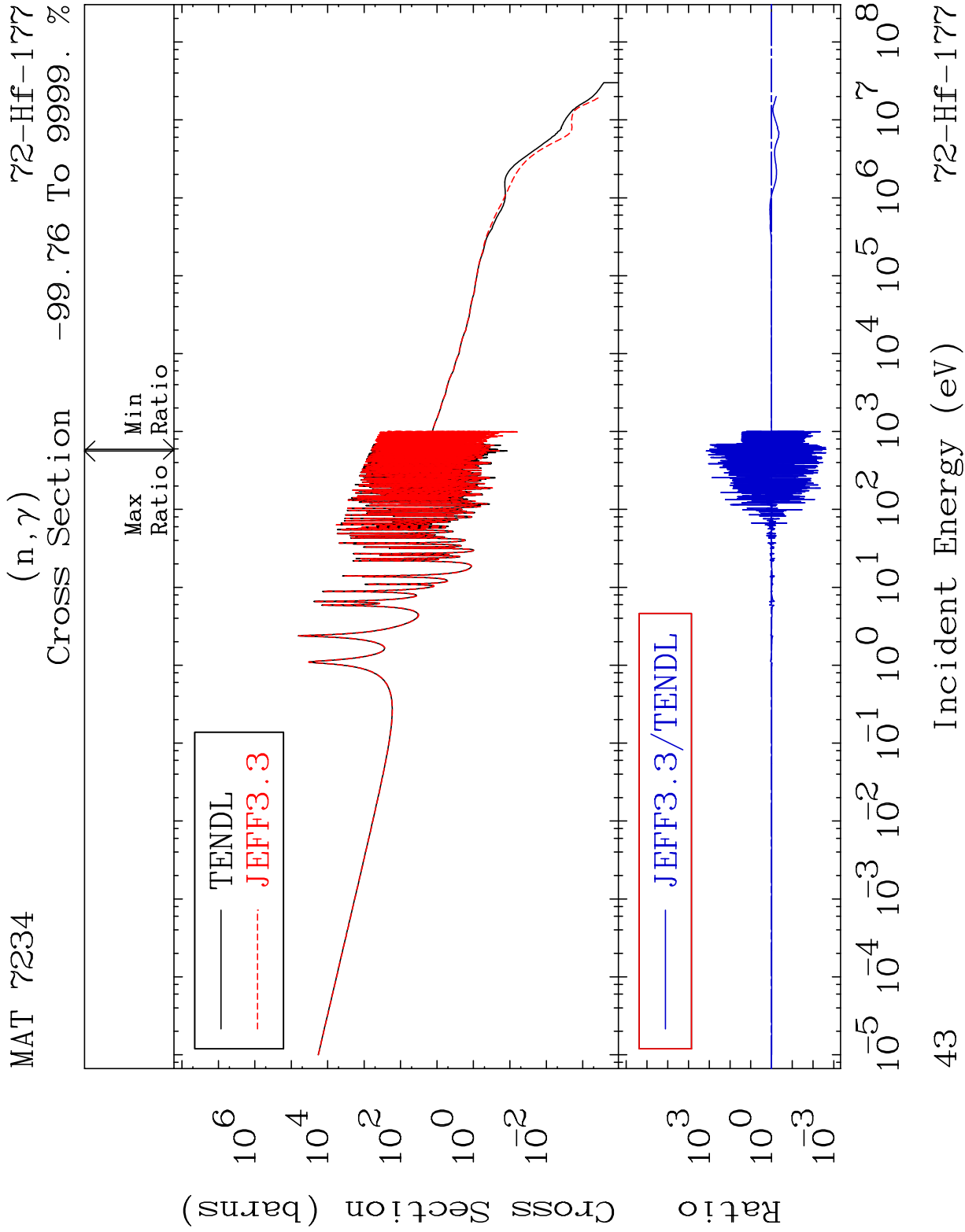


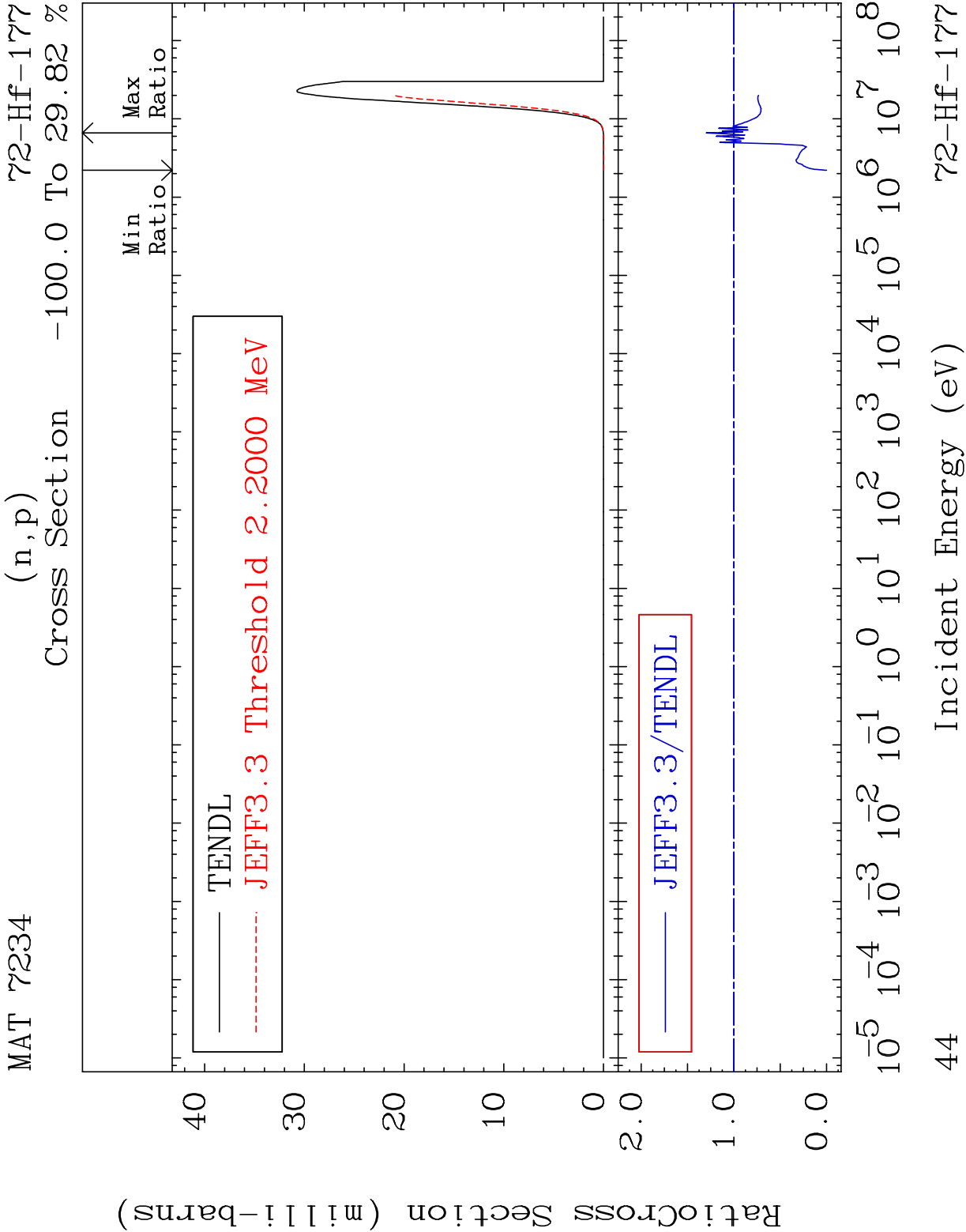
41 Incident Energy (eV) 72-Hf-177

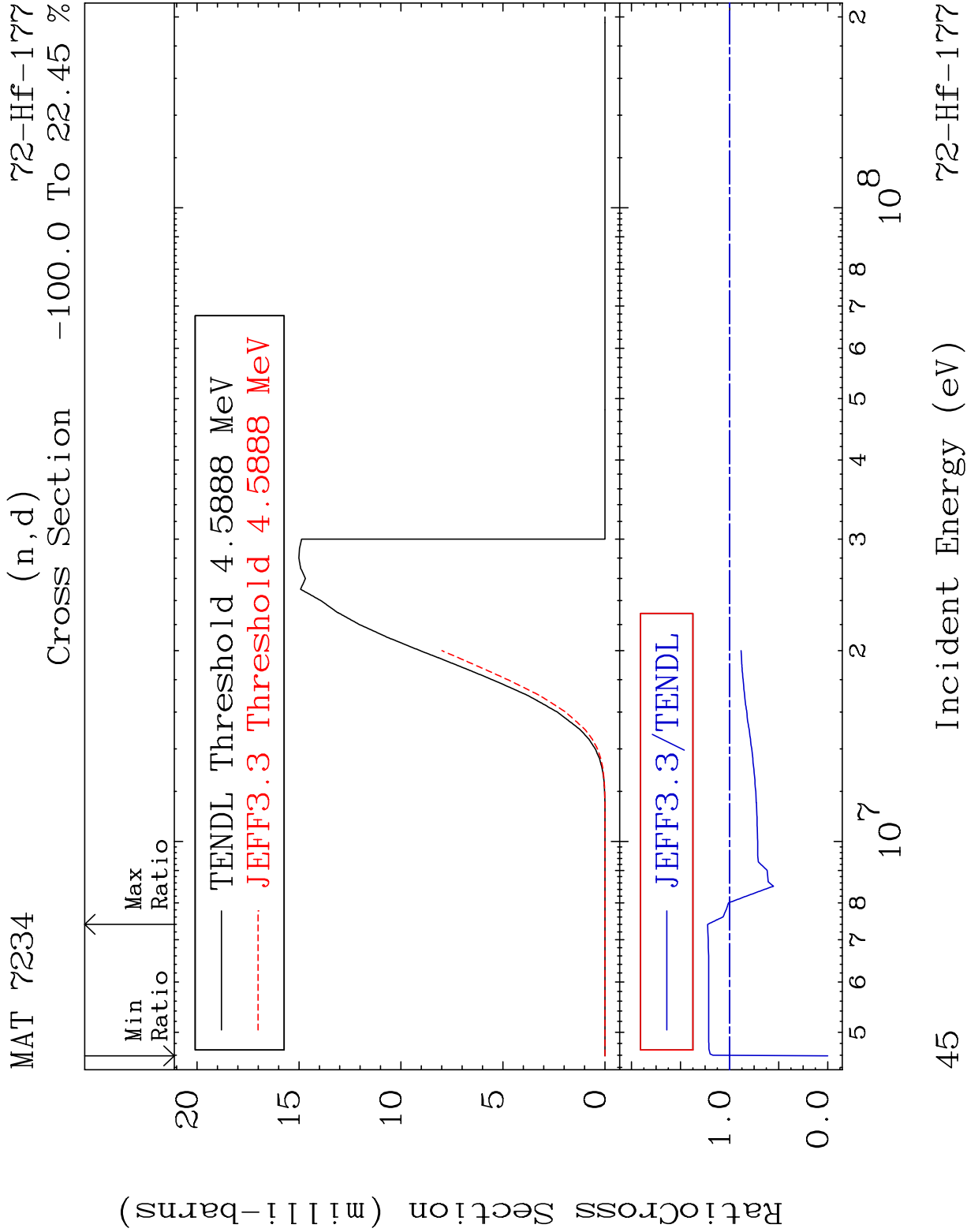
MAT 7234 (n,n') Continuum 72-Hf-177
Cross Section -100.0 To 3.276 %

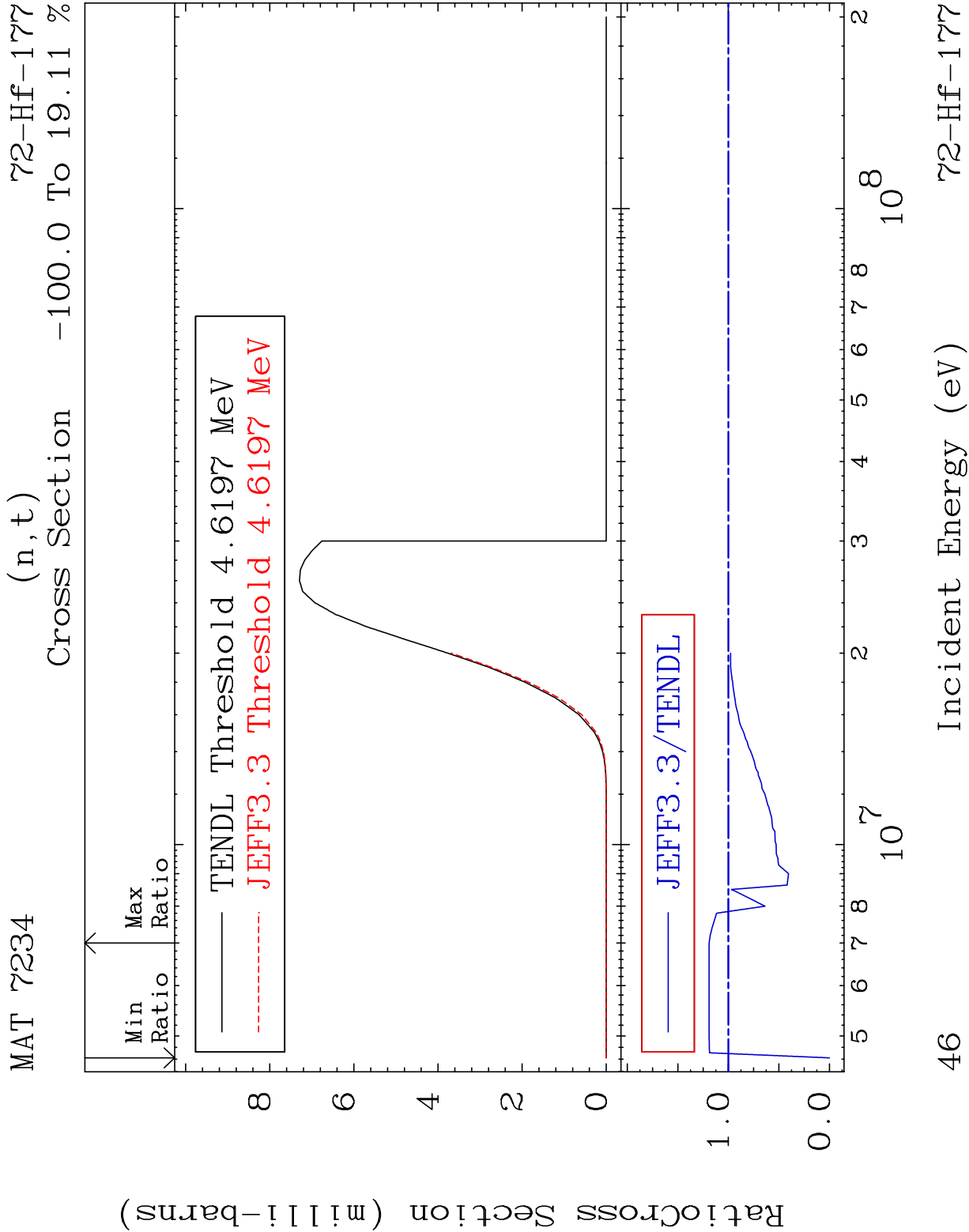


42 Incident Energy (eV) 72-Hf-177







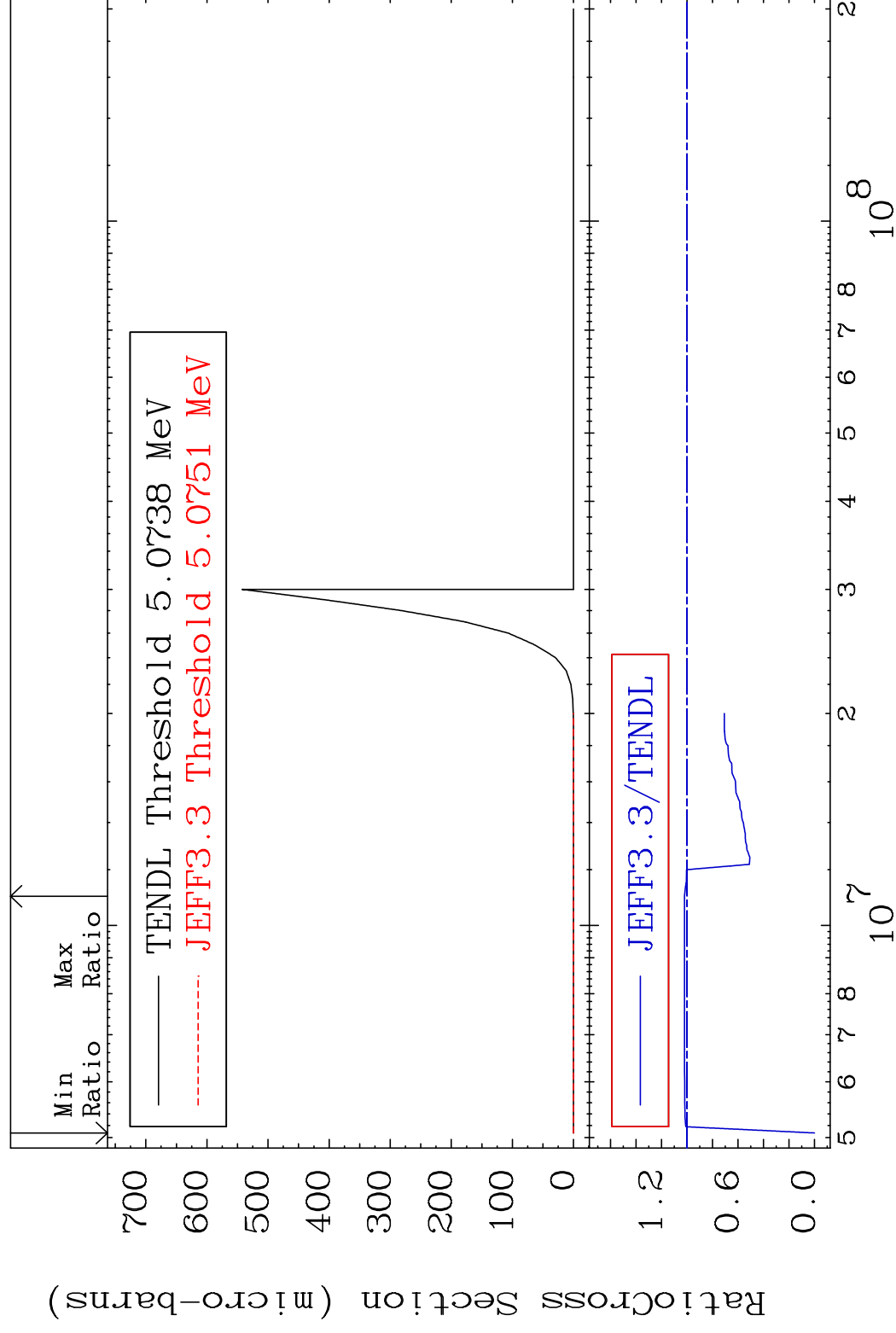


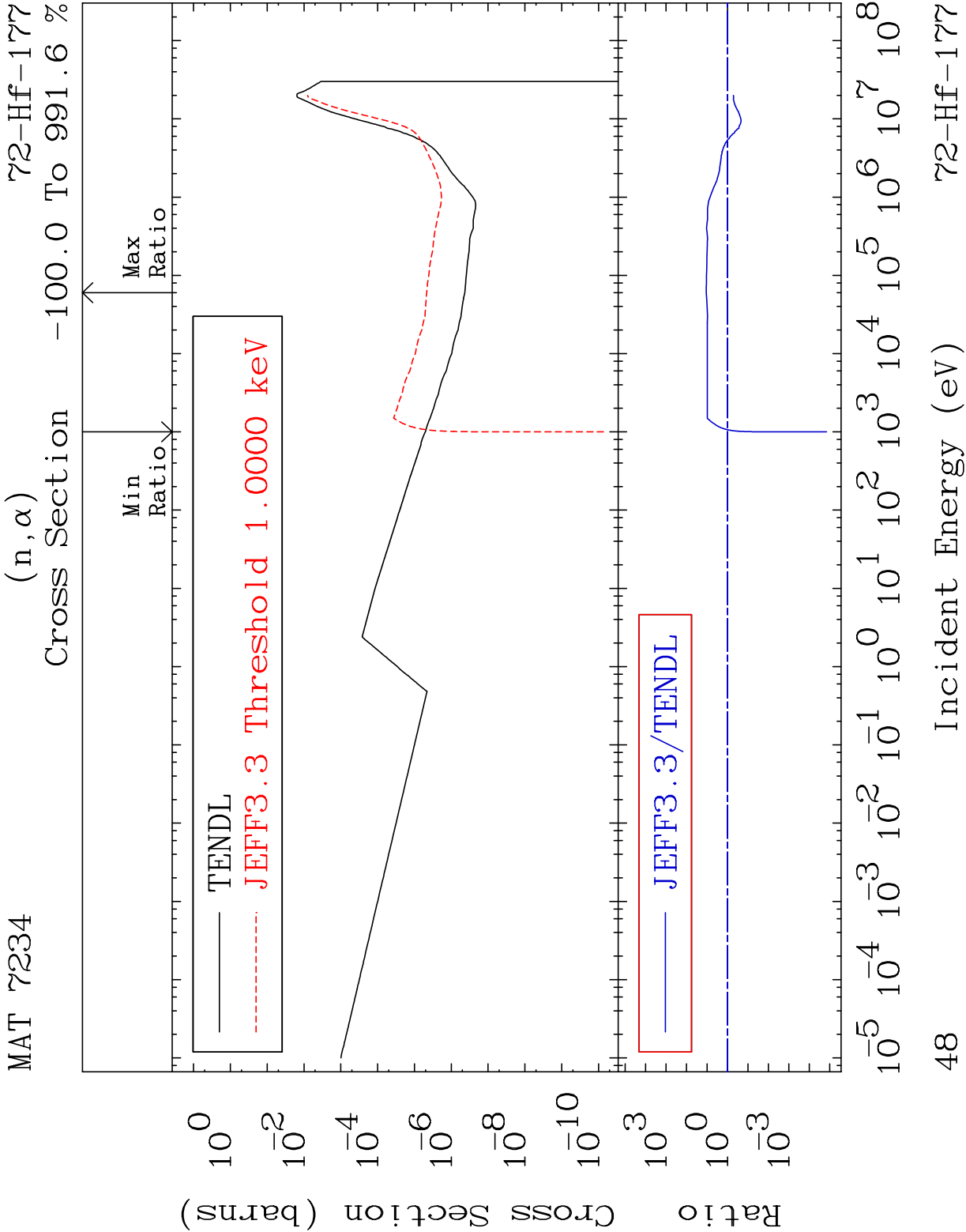
MAT 7234

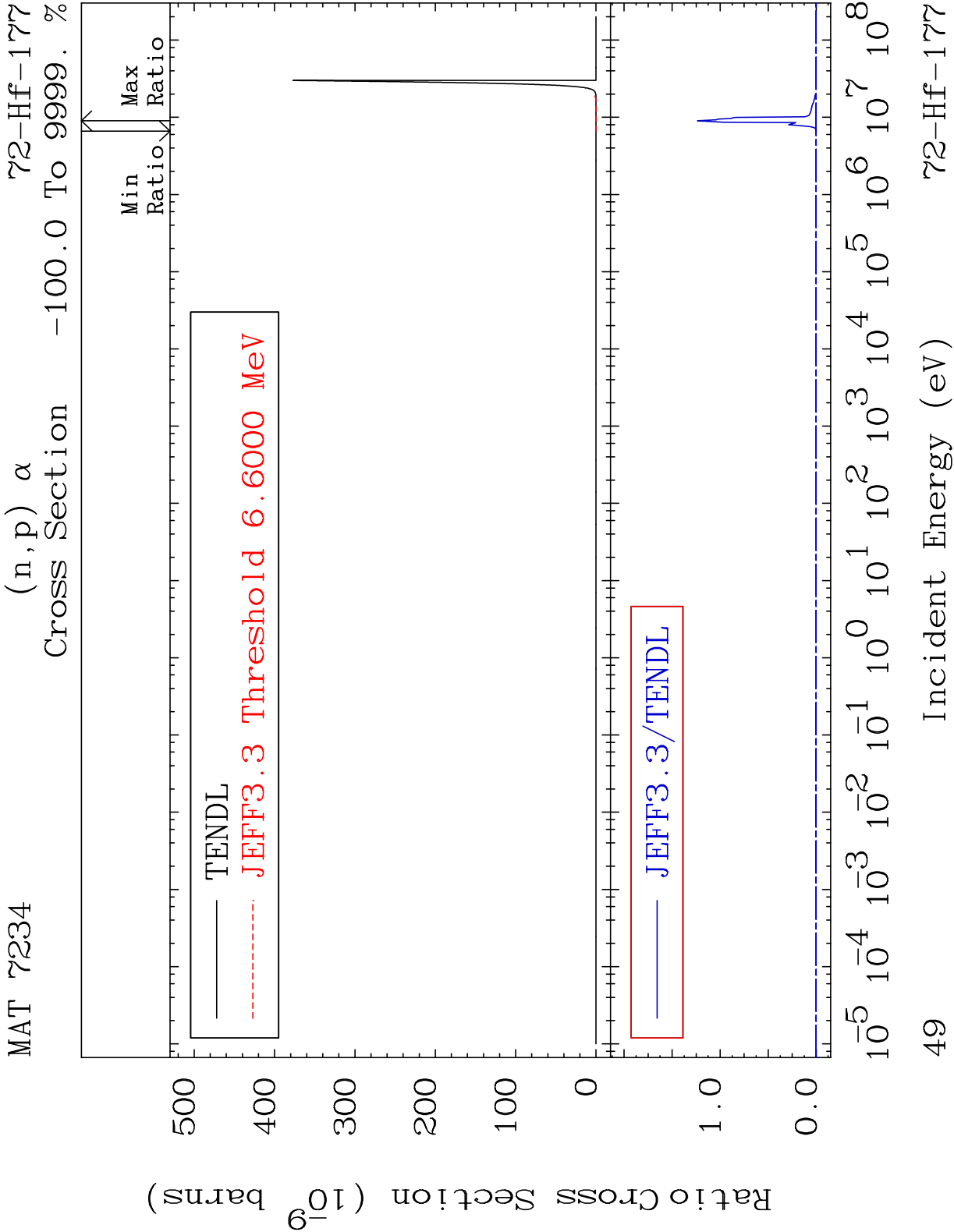
 $(n, \text{He-3})$

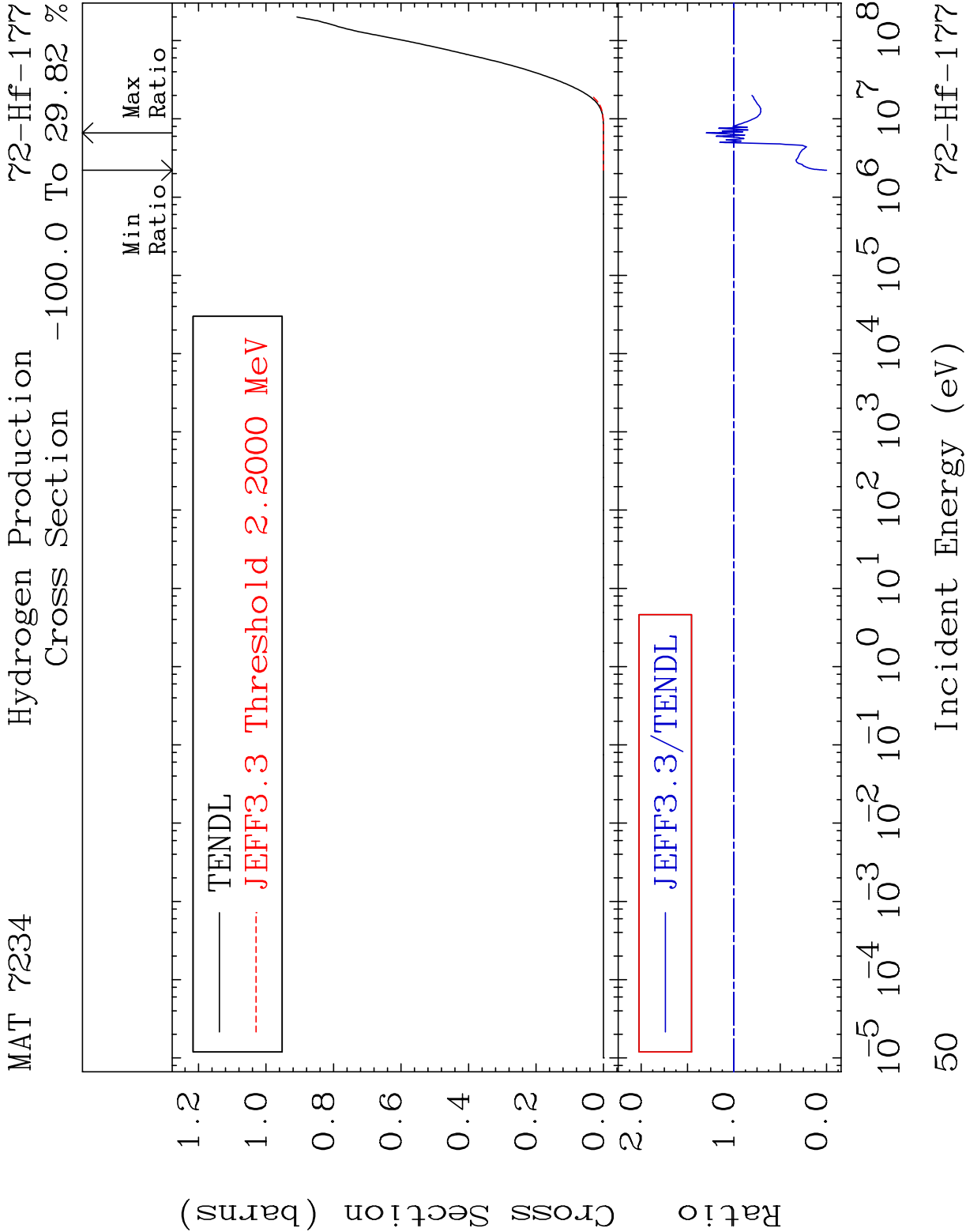
22-Hf-122

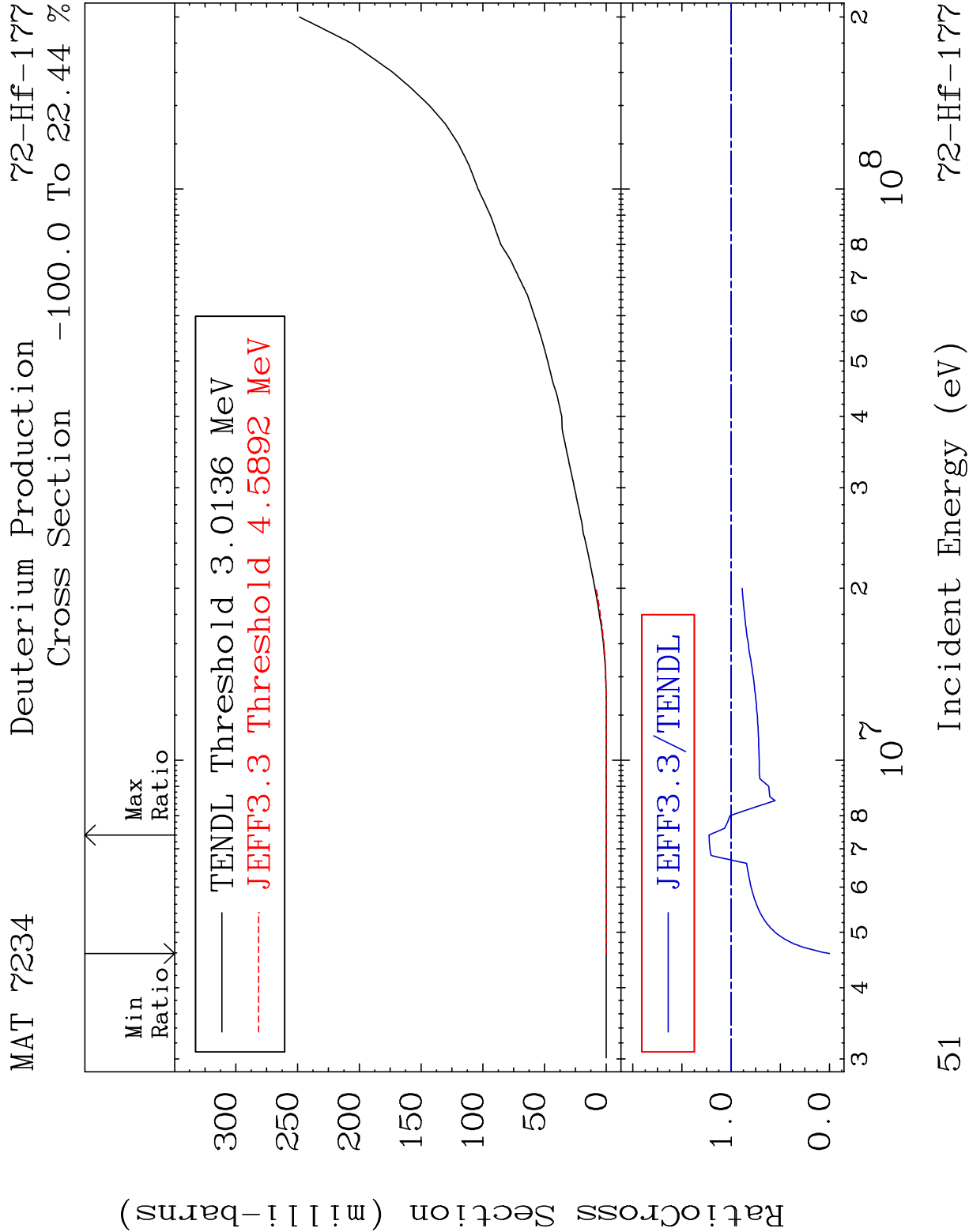
Cross Section -100.0 To 2.001 %

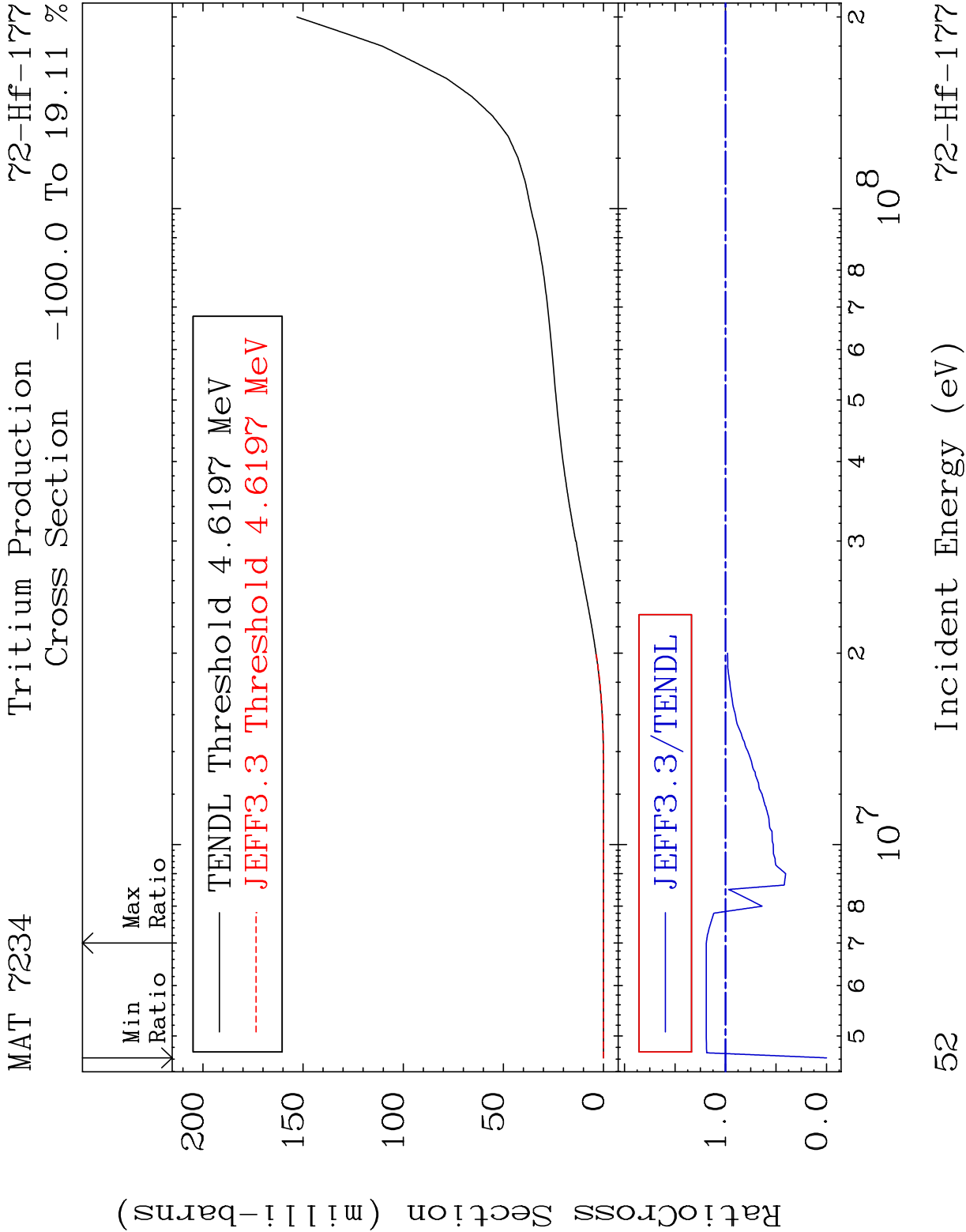


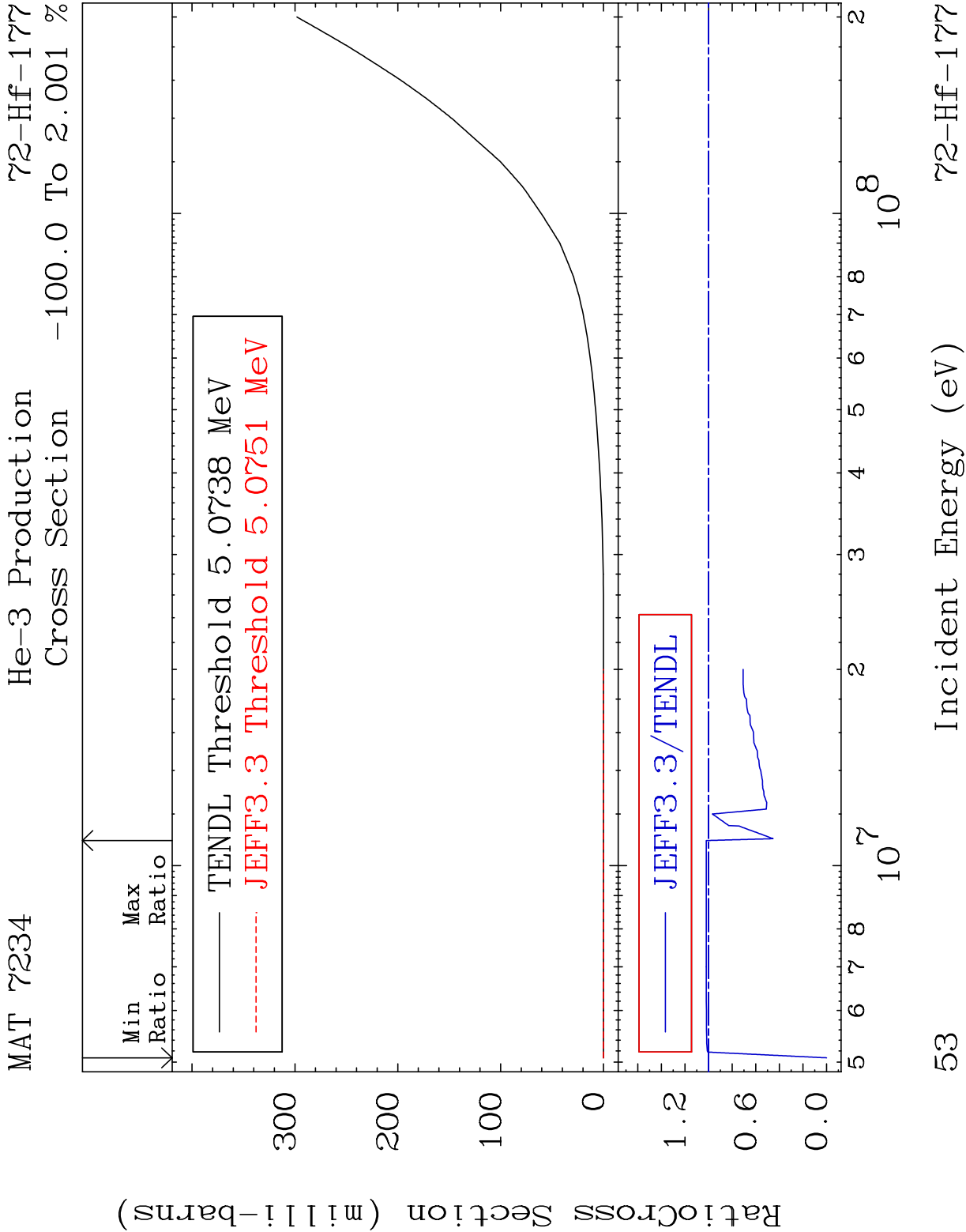


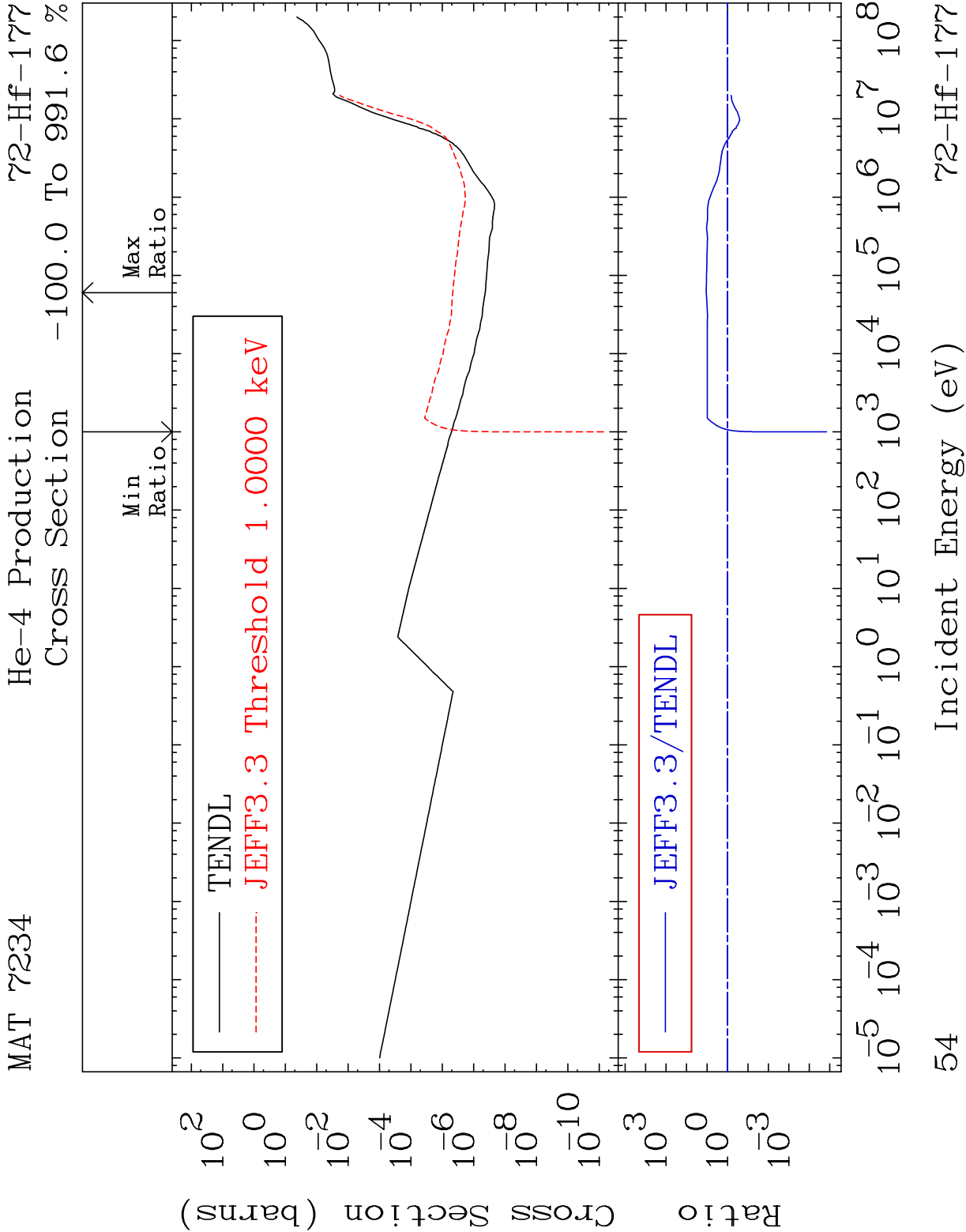




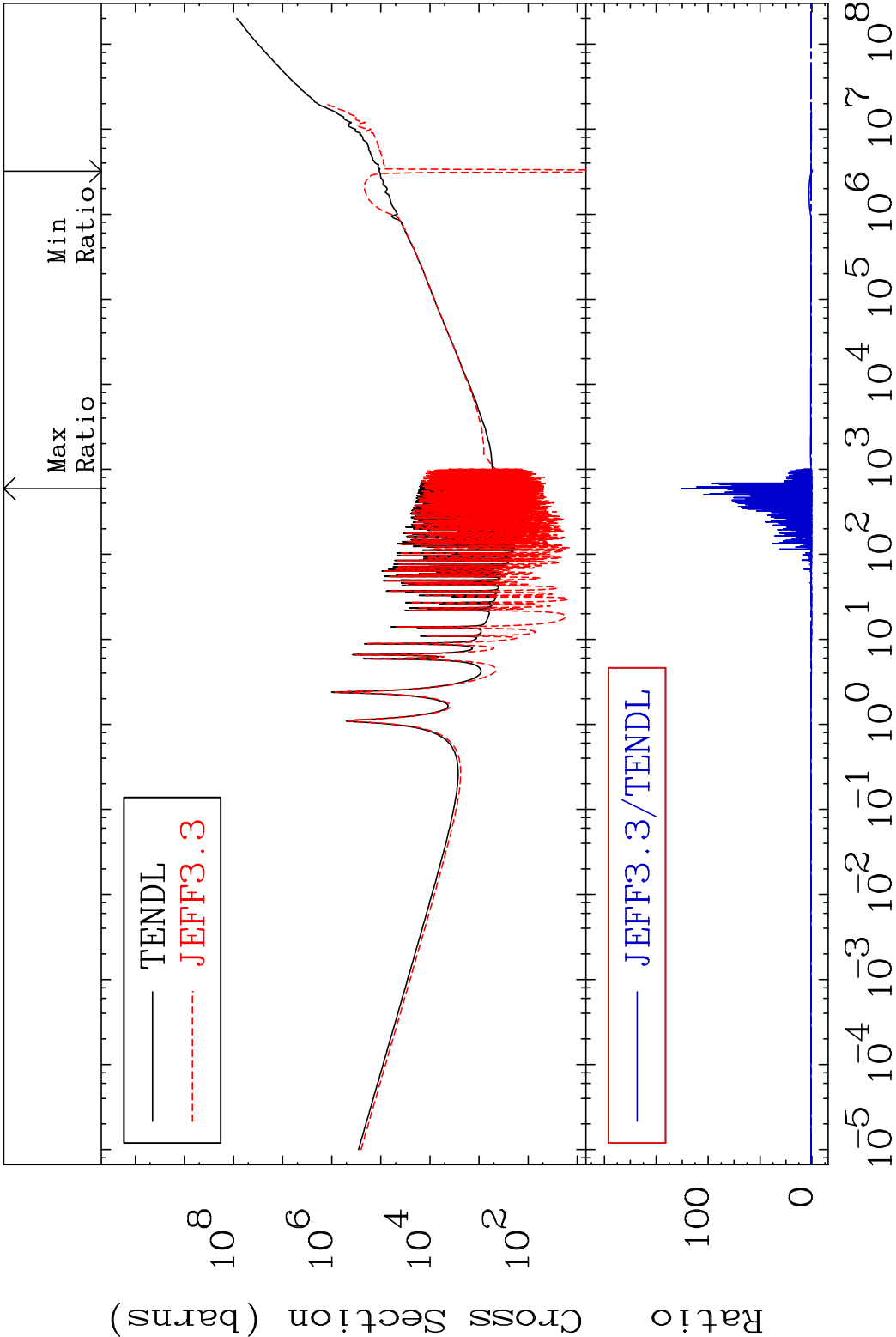




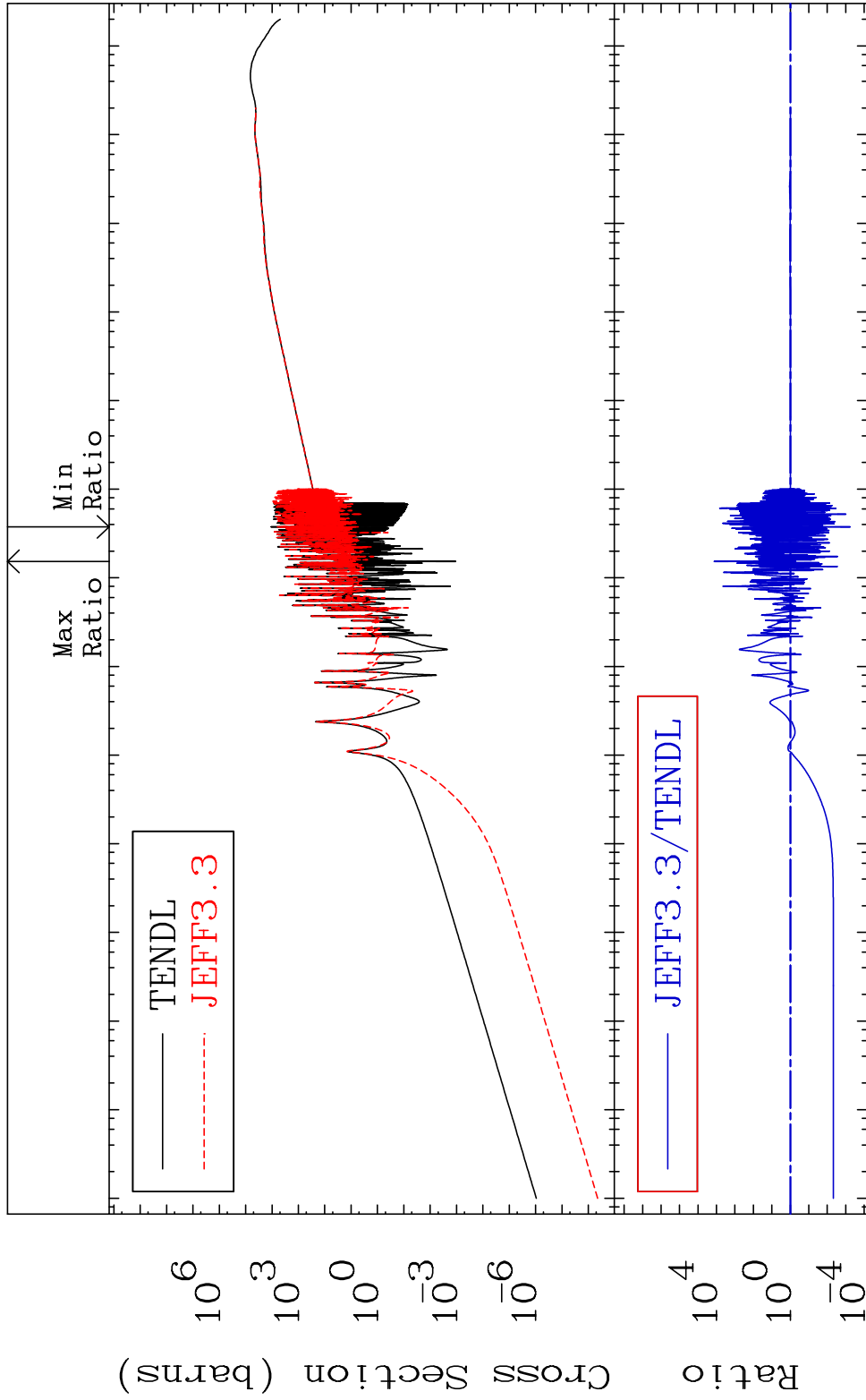




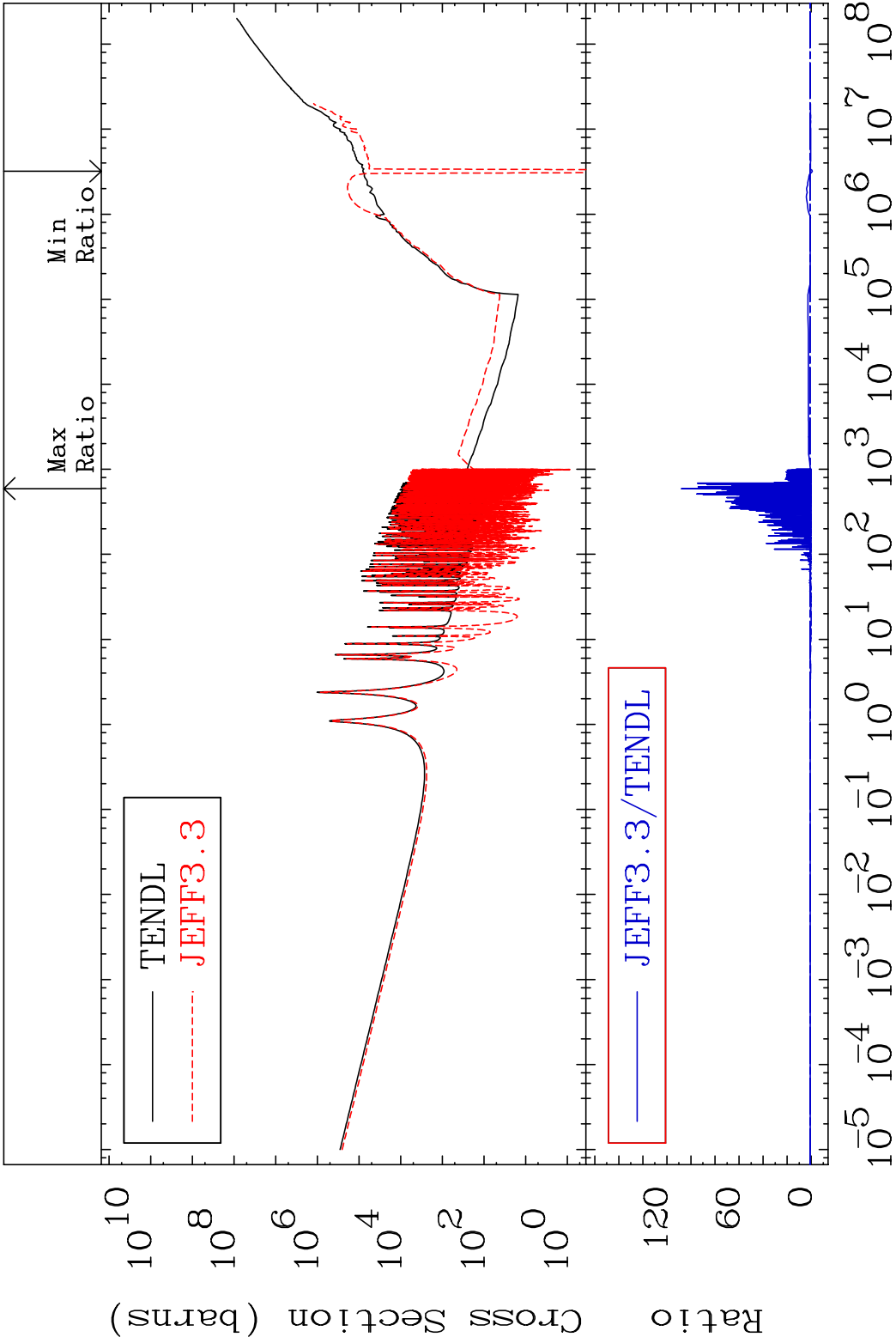
MAT 7234 Kerma total (eV-barns) 72-Hf-177
Cross Section -136.5 To 9999. %

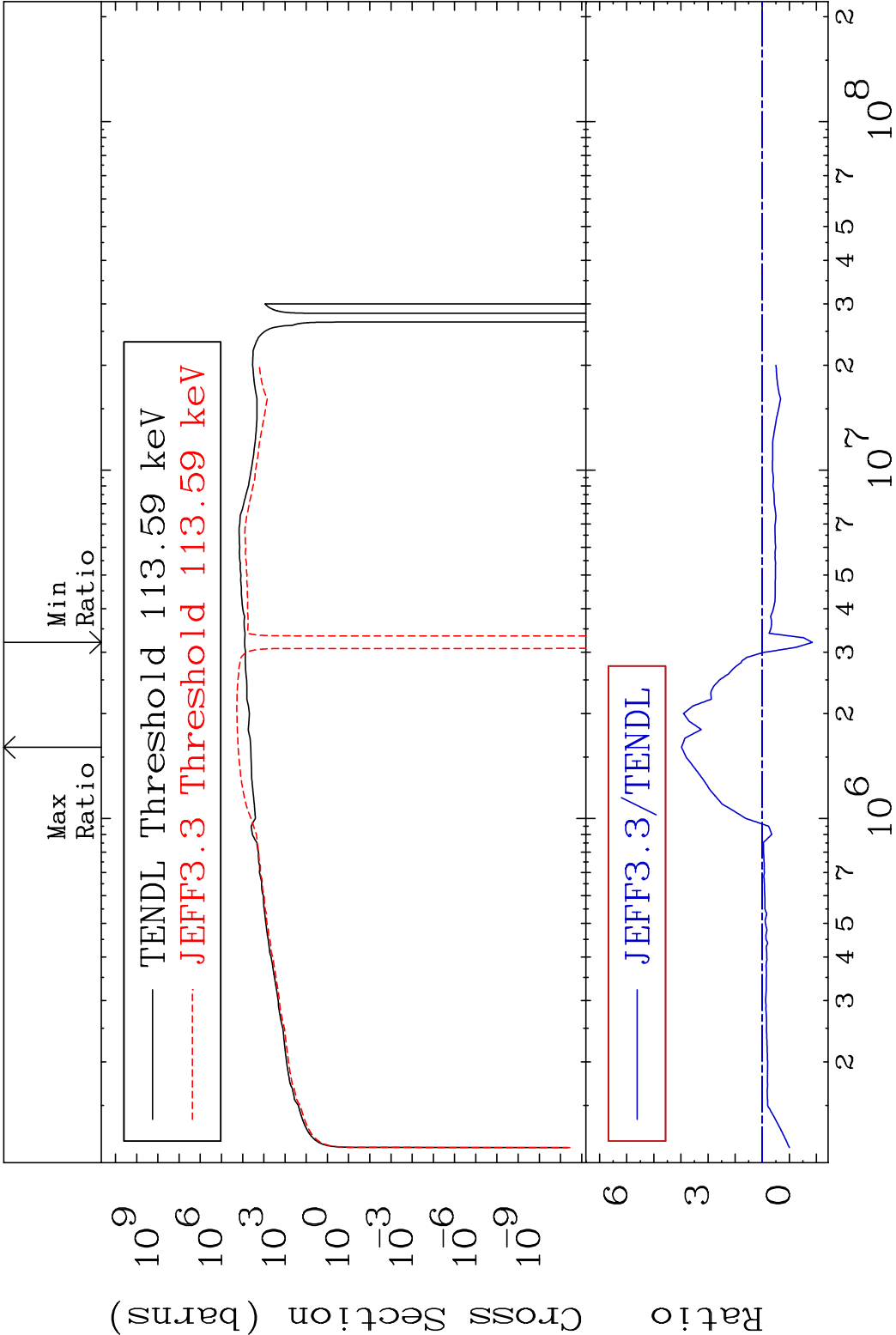


MAT 7234 Kerma elastic 72-Hf-177
 Cross Section -99.94 To 9999. %

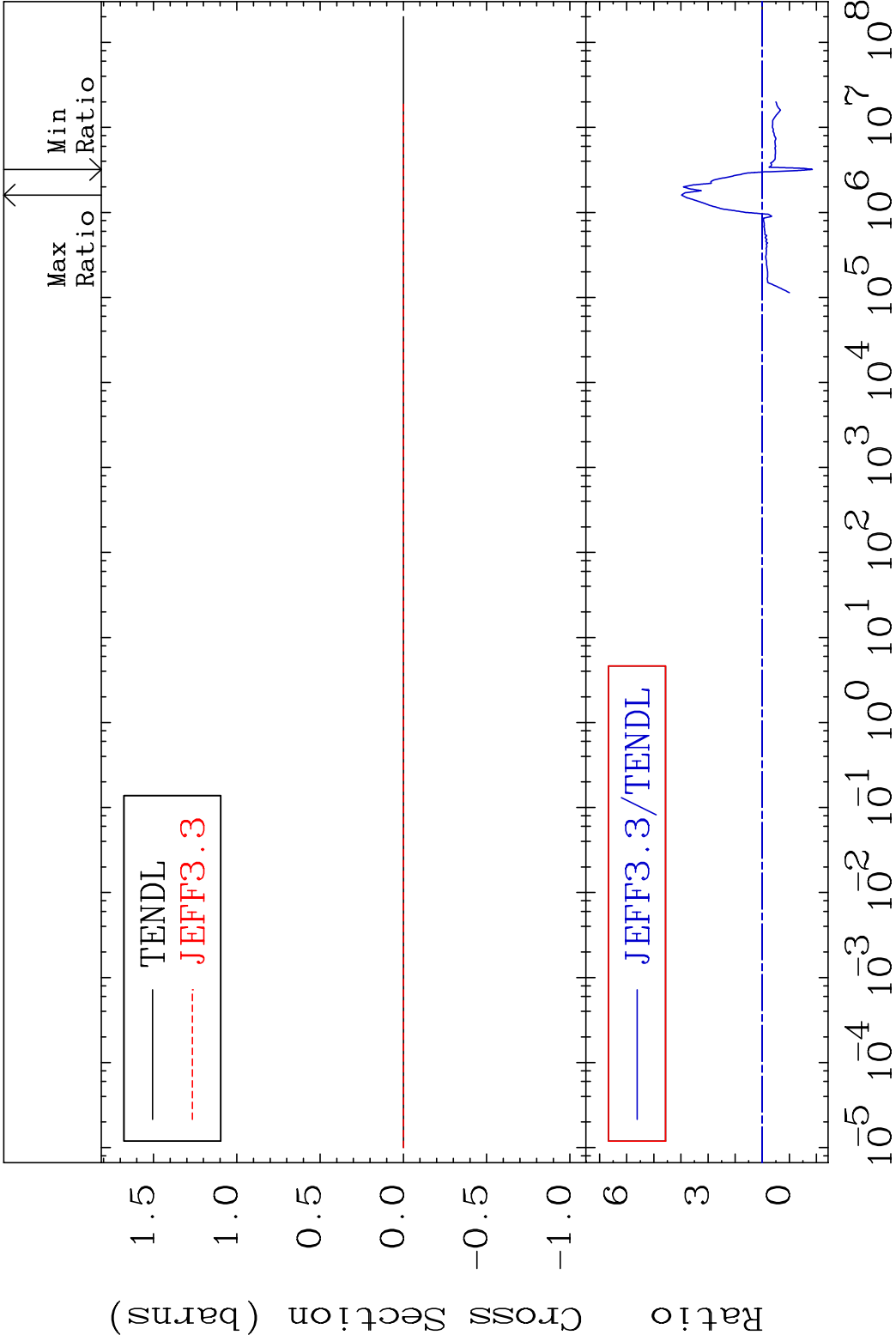


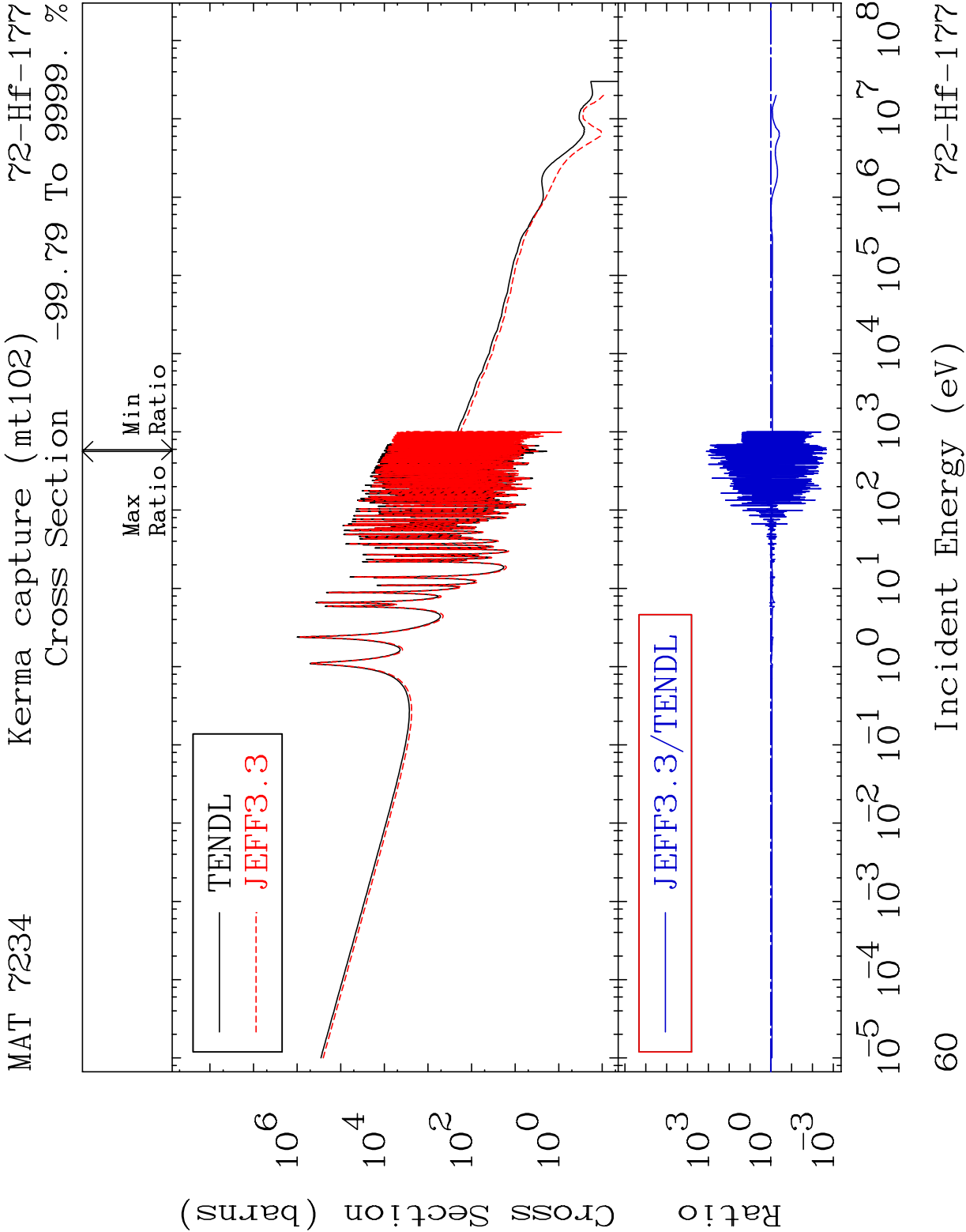
MAT 7234 Kerma non-elastic (all but mt2) 72-Hf-177
Cross Section -184.4 To 9999. %

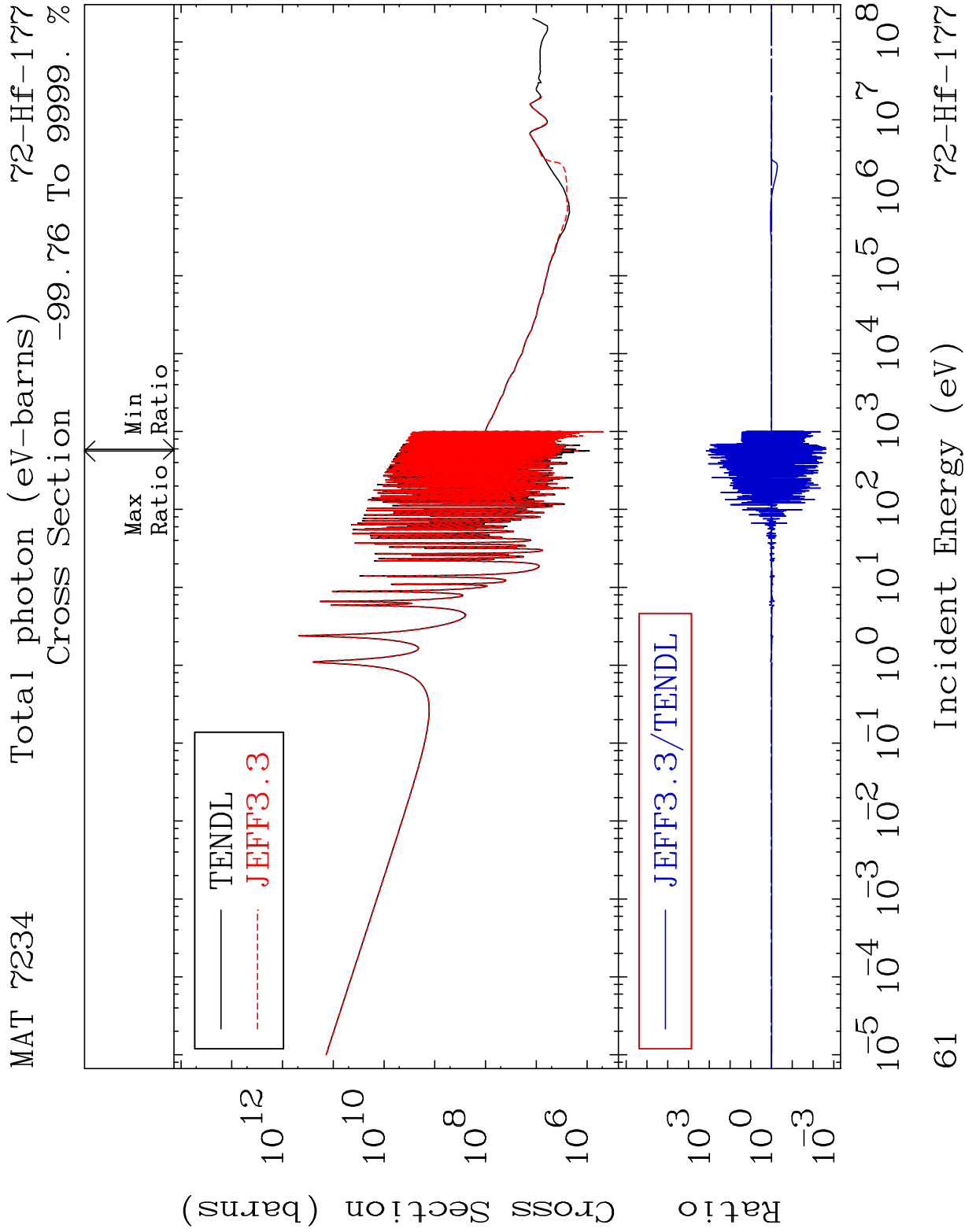




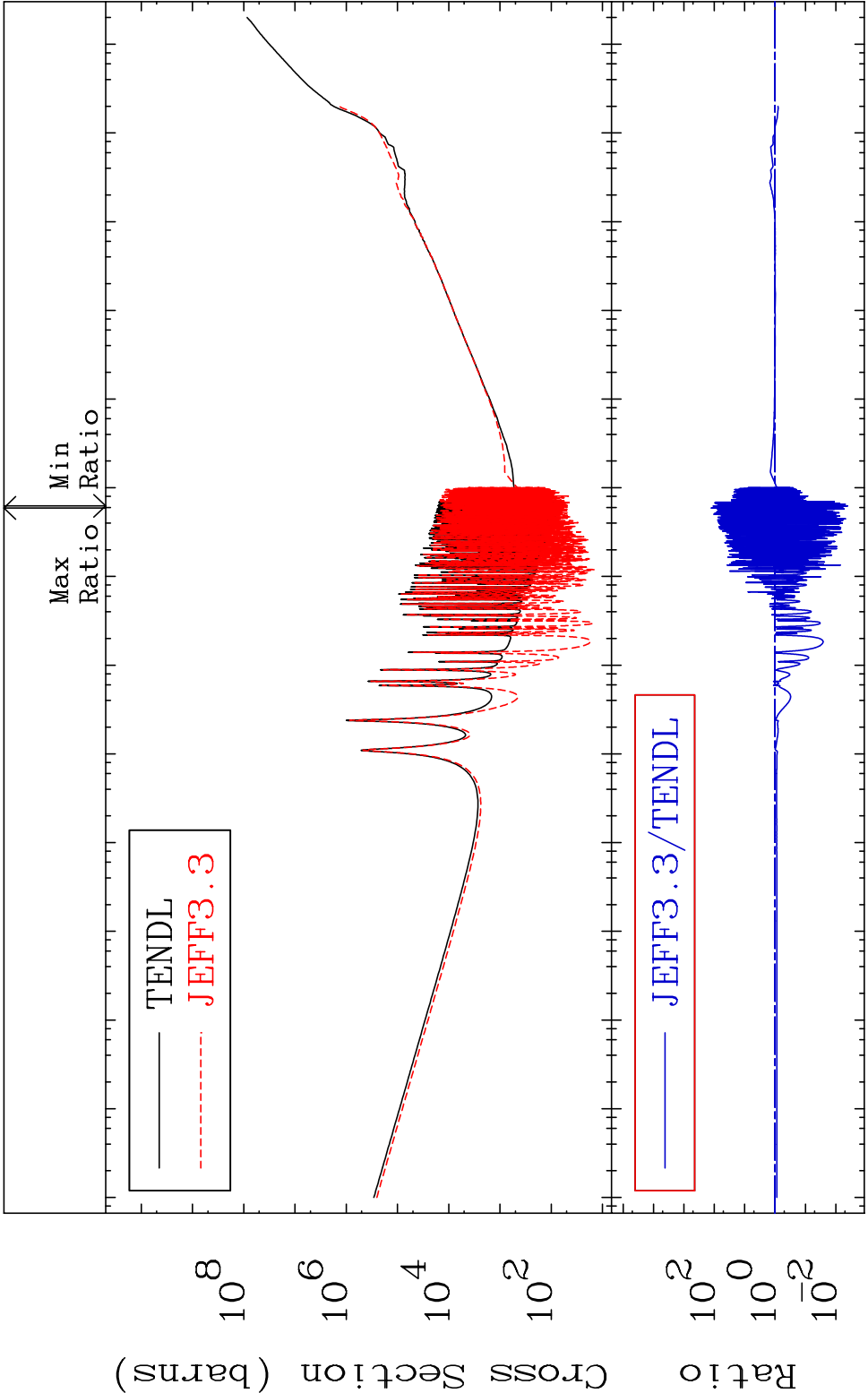
MAT 7234 Kerma fission (mt18 or mt19-20-21-38)72-Hf-177
Cross Section -184.5 To 297.7 %



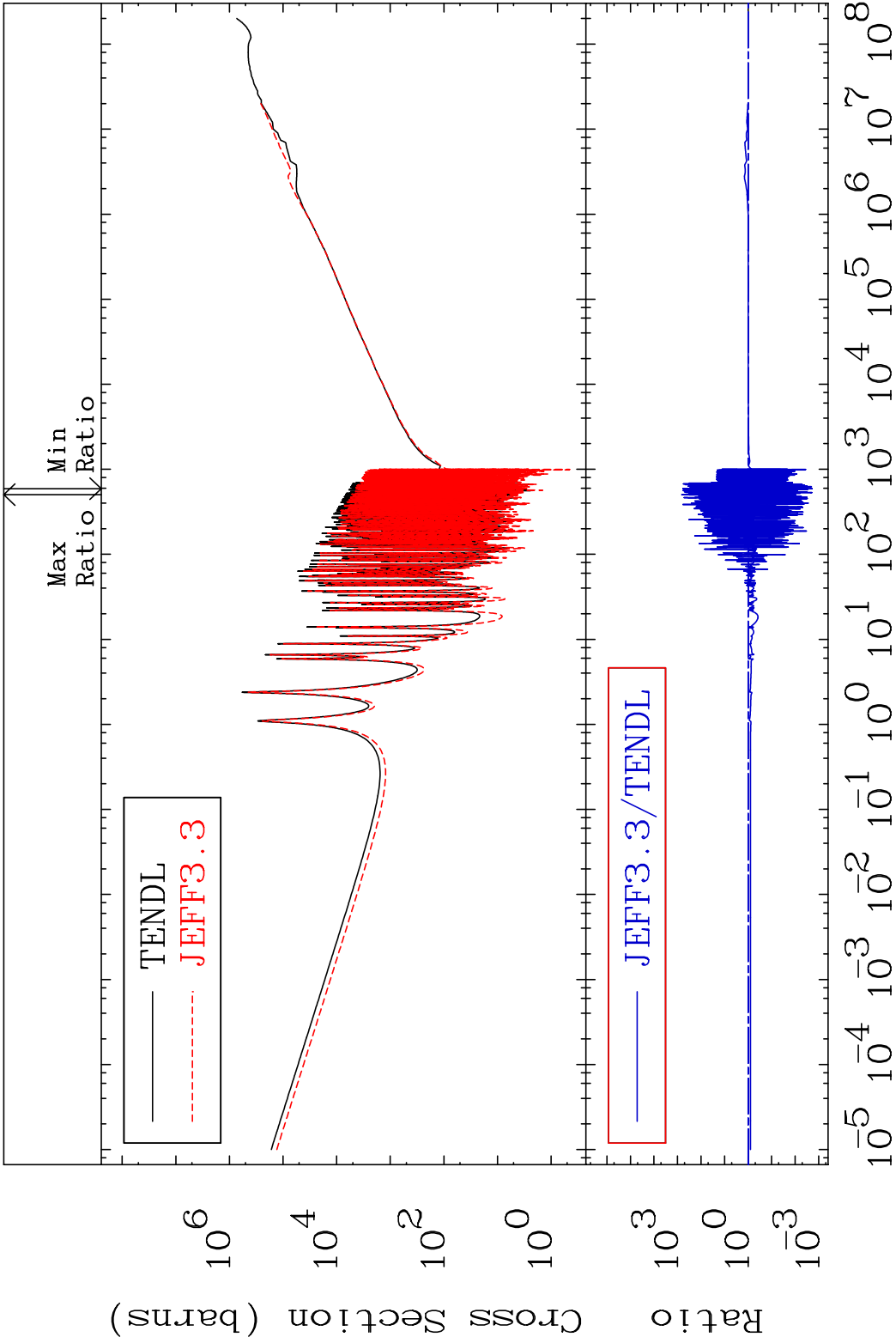


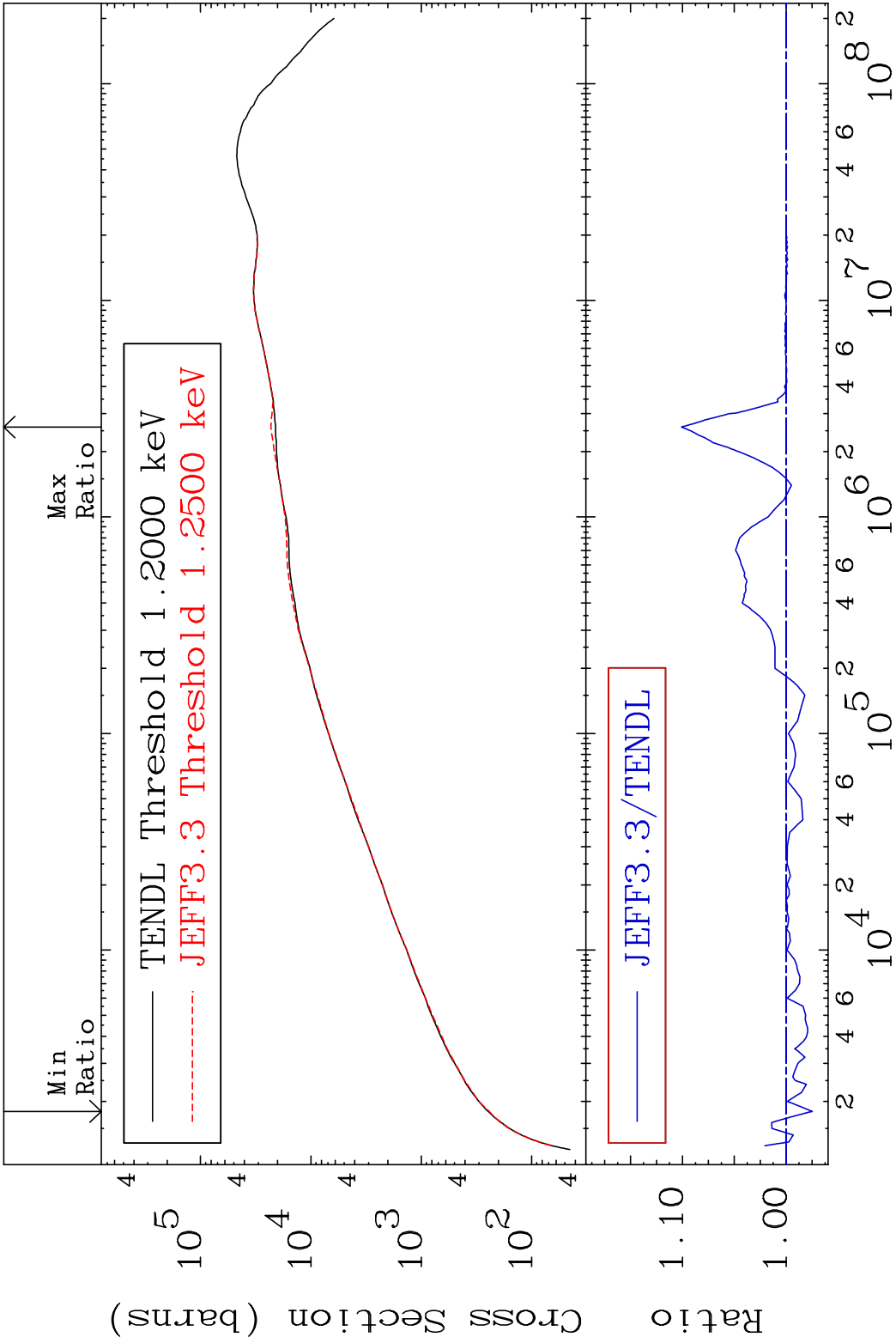


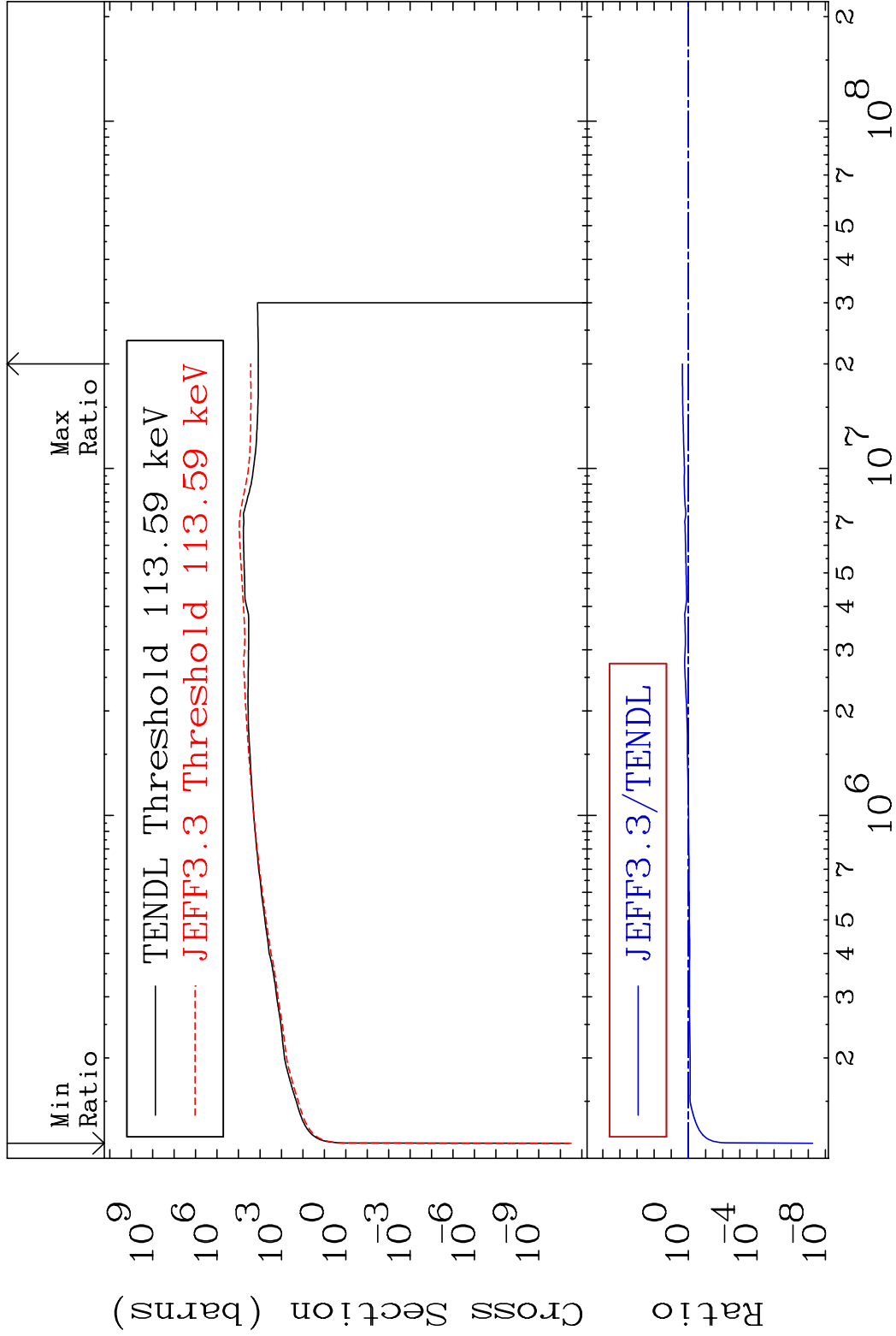
MAT 7234 Total kinematic kerma (high limit) 72-Hf-177
Cross Section -99.60 To 9999. %



MAT 7234	Dpa total (eV-barns)	72-Hf-177
	Cross Section	-99.81 To 9999. %







MAT 7234 Dpa disappearance (mt102 -120) 72-Hf-177
Cross Section -99.81 To 9999. %

