

Program Complot
(Version 2021-1)

by

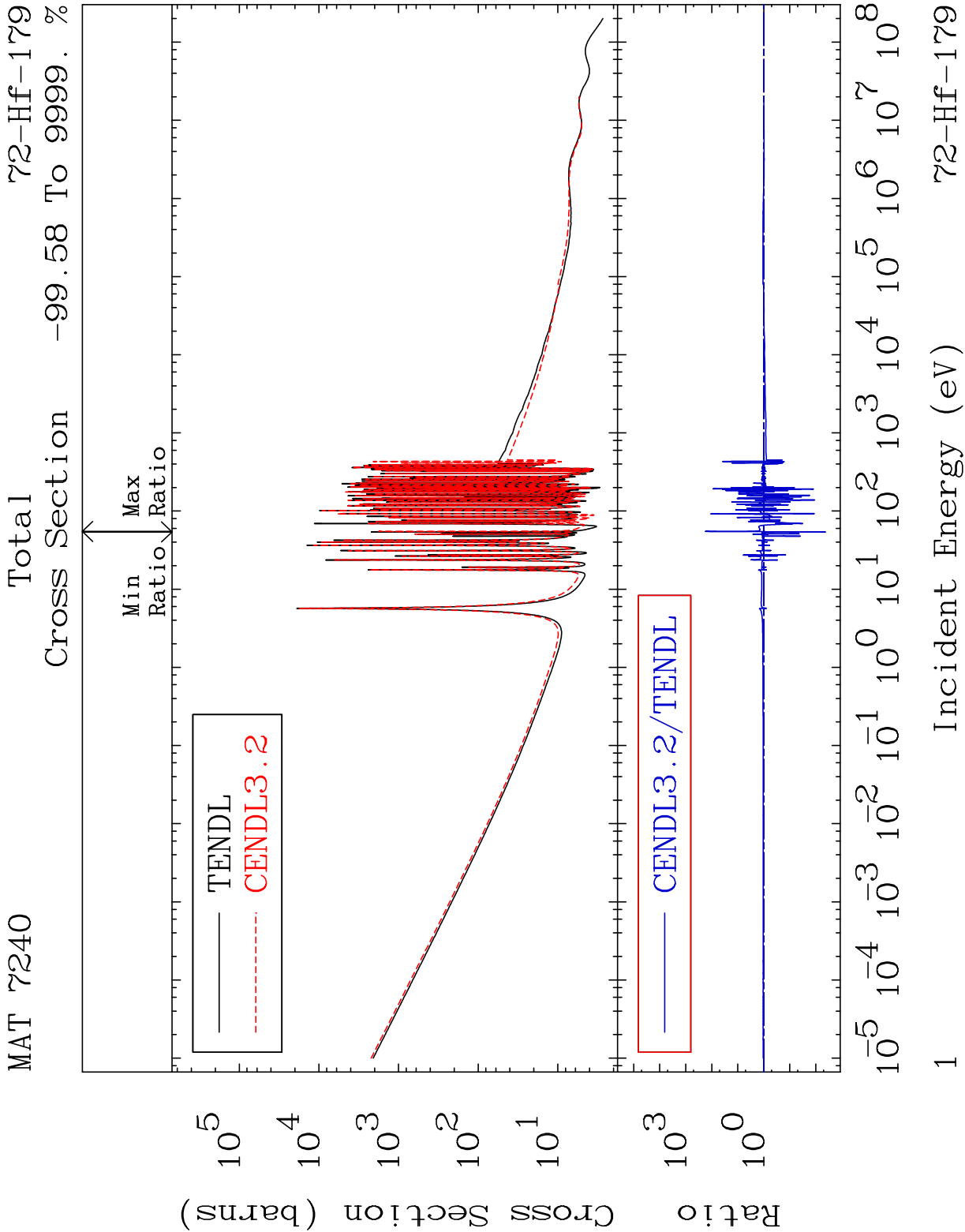
Dermott E. Cullen
(Present Contact Information)

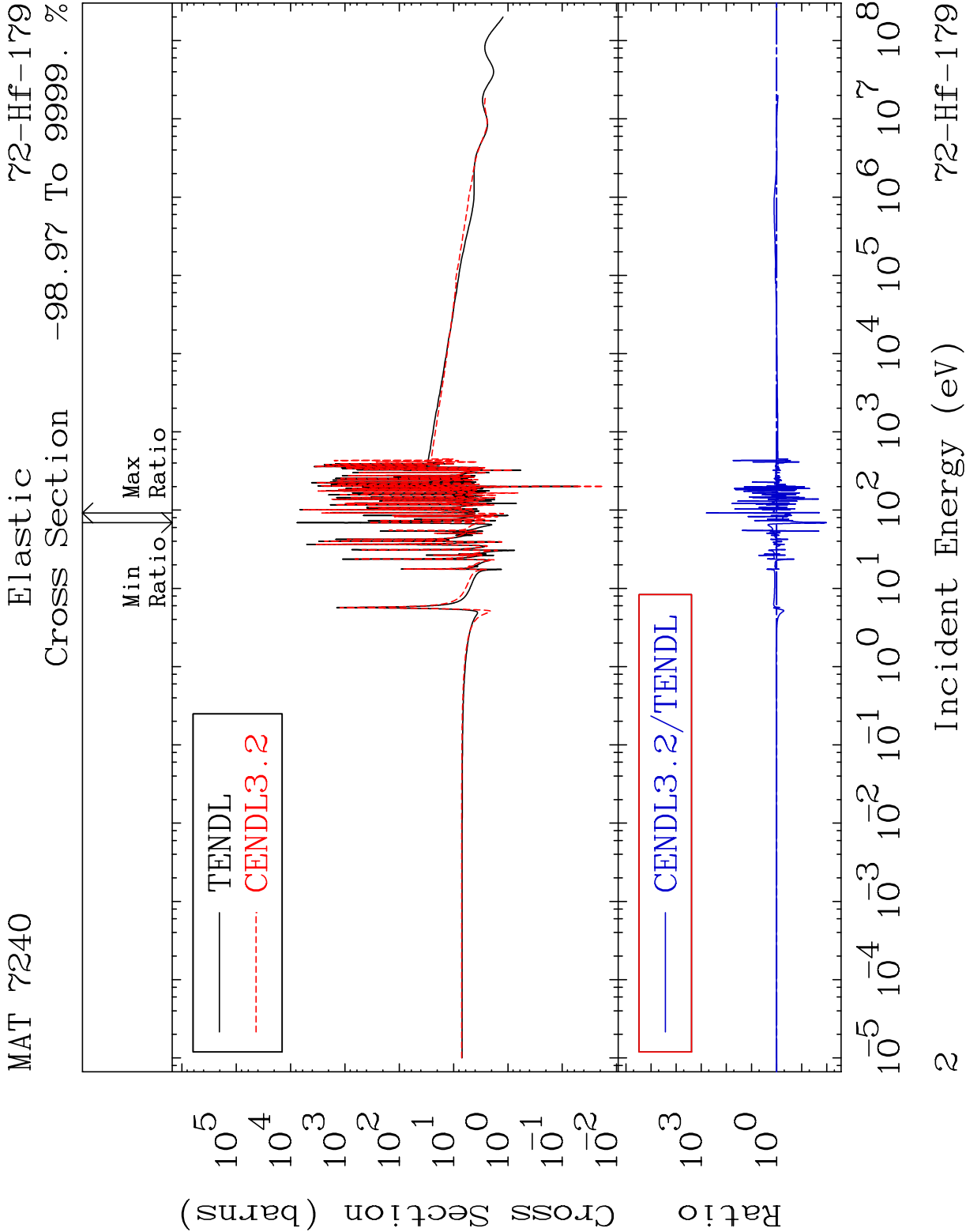
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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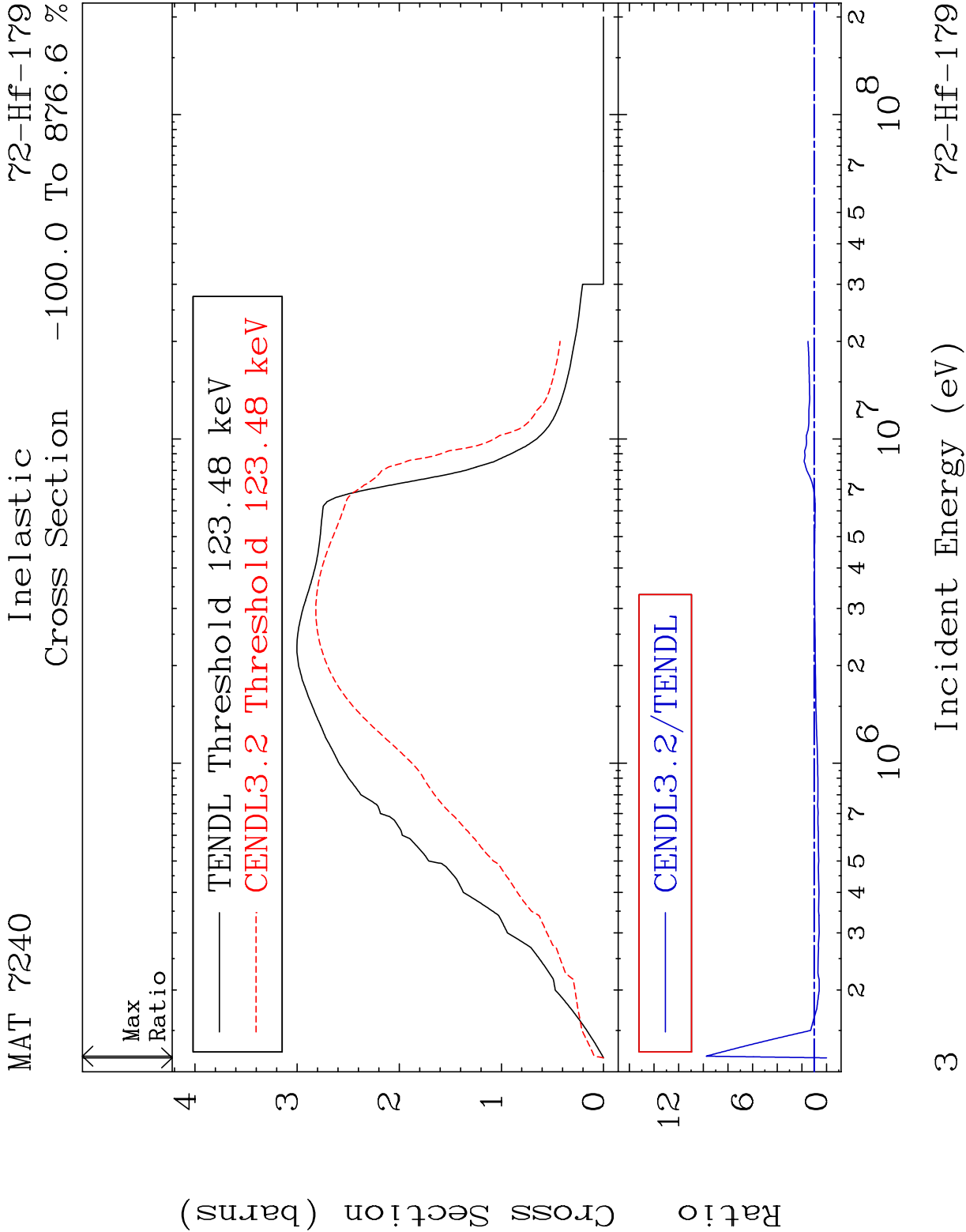
Tele: 925-443-1911

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Press Mouse Button to Start





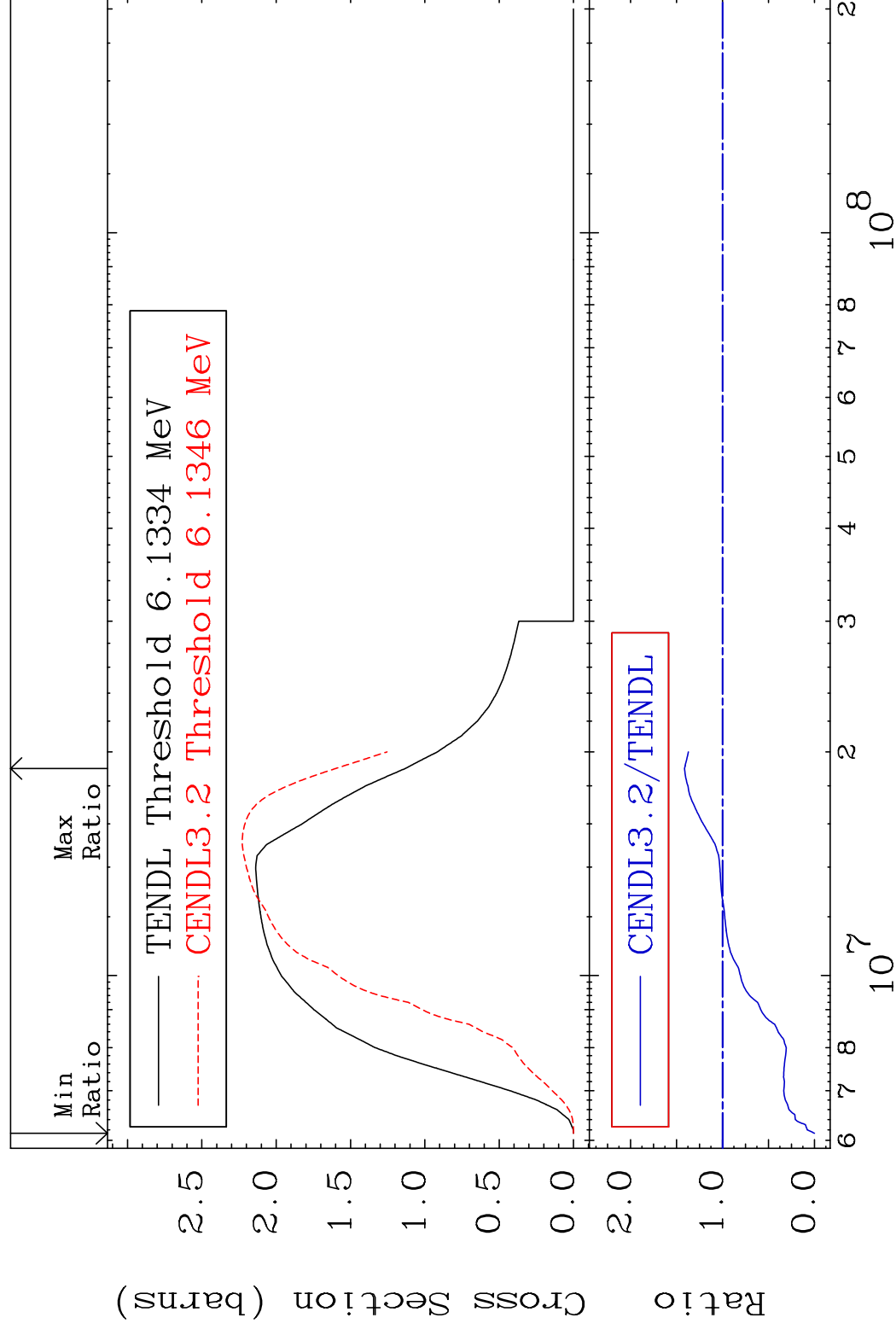


MAT 7240

$$(n, 2n)$$

72-Hf-179

Cross Section -100.0 To 41.34 %



TENDL Threshold 6.1334 MeV

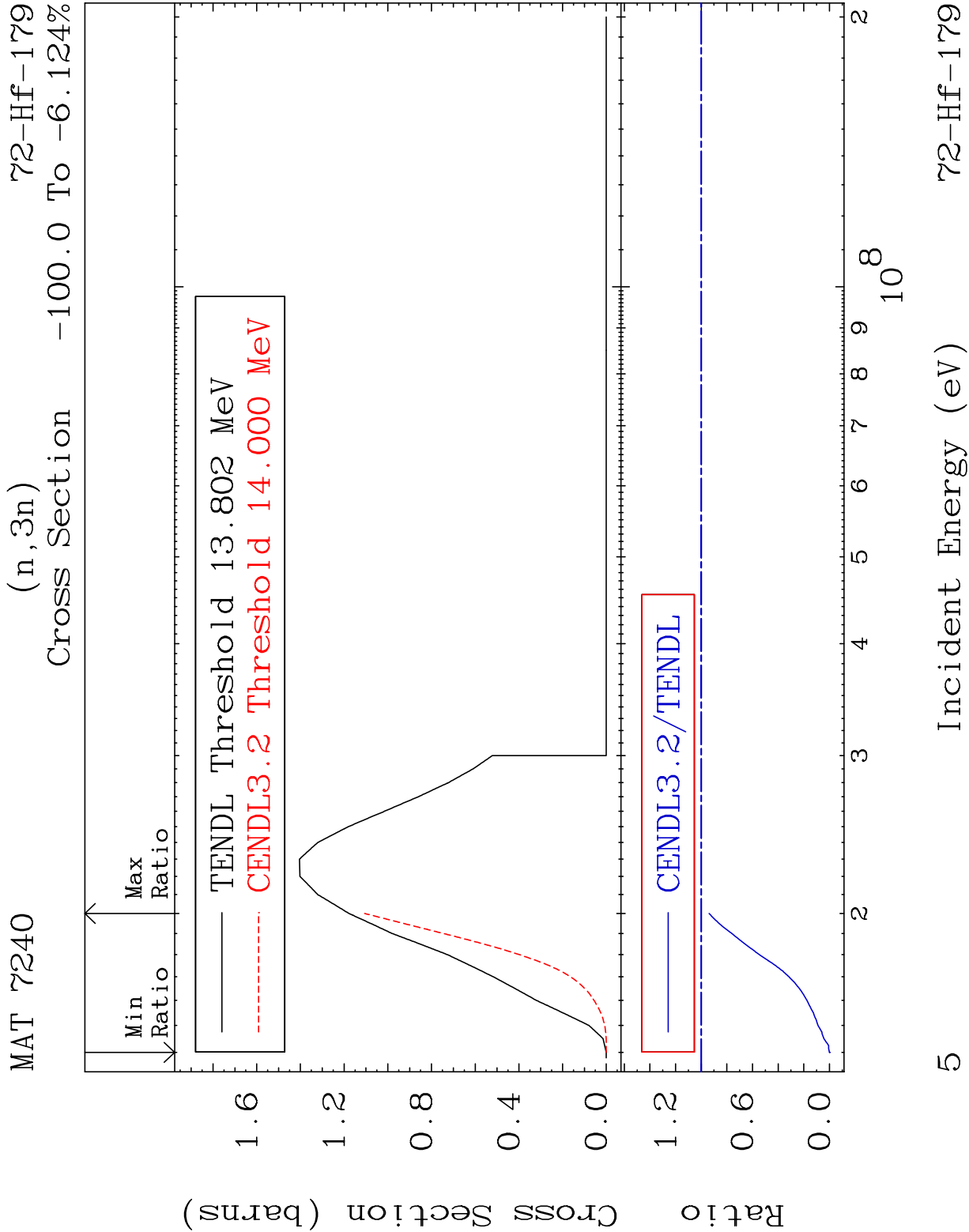
CENDL3.2 Threshold 6.1346 MeV

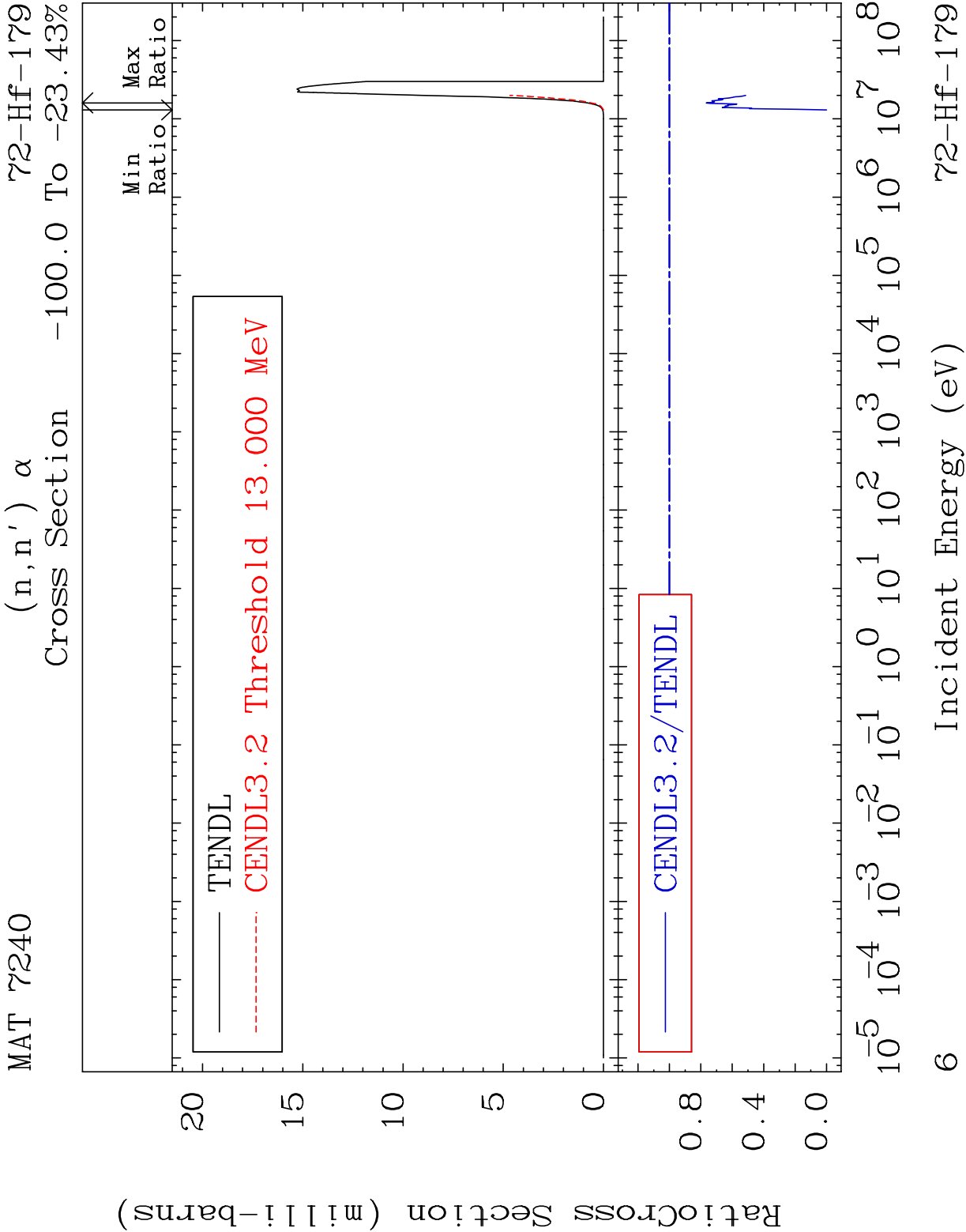
CENDL3.2/TENDL

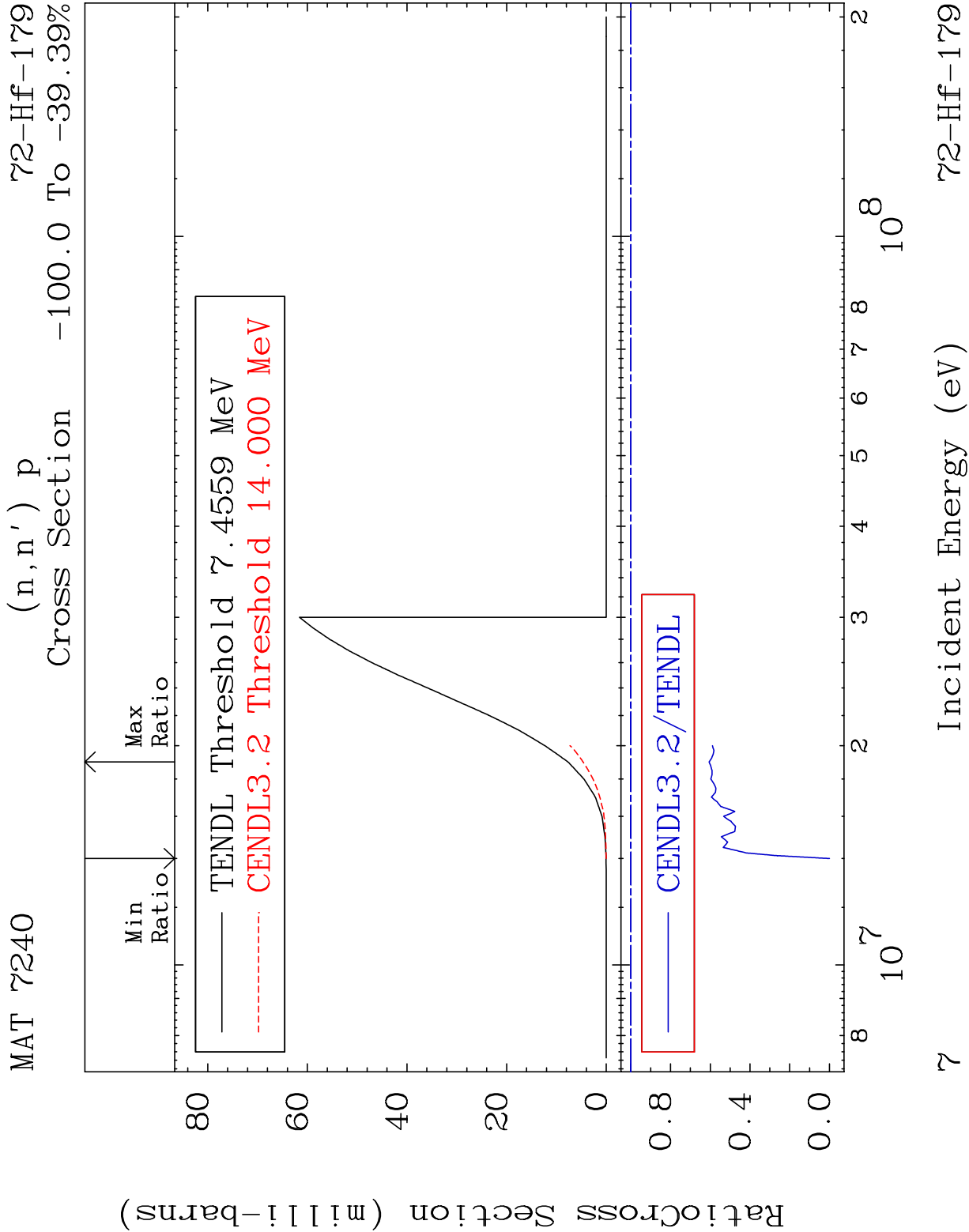
4

Incident Energy (eV)

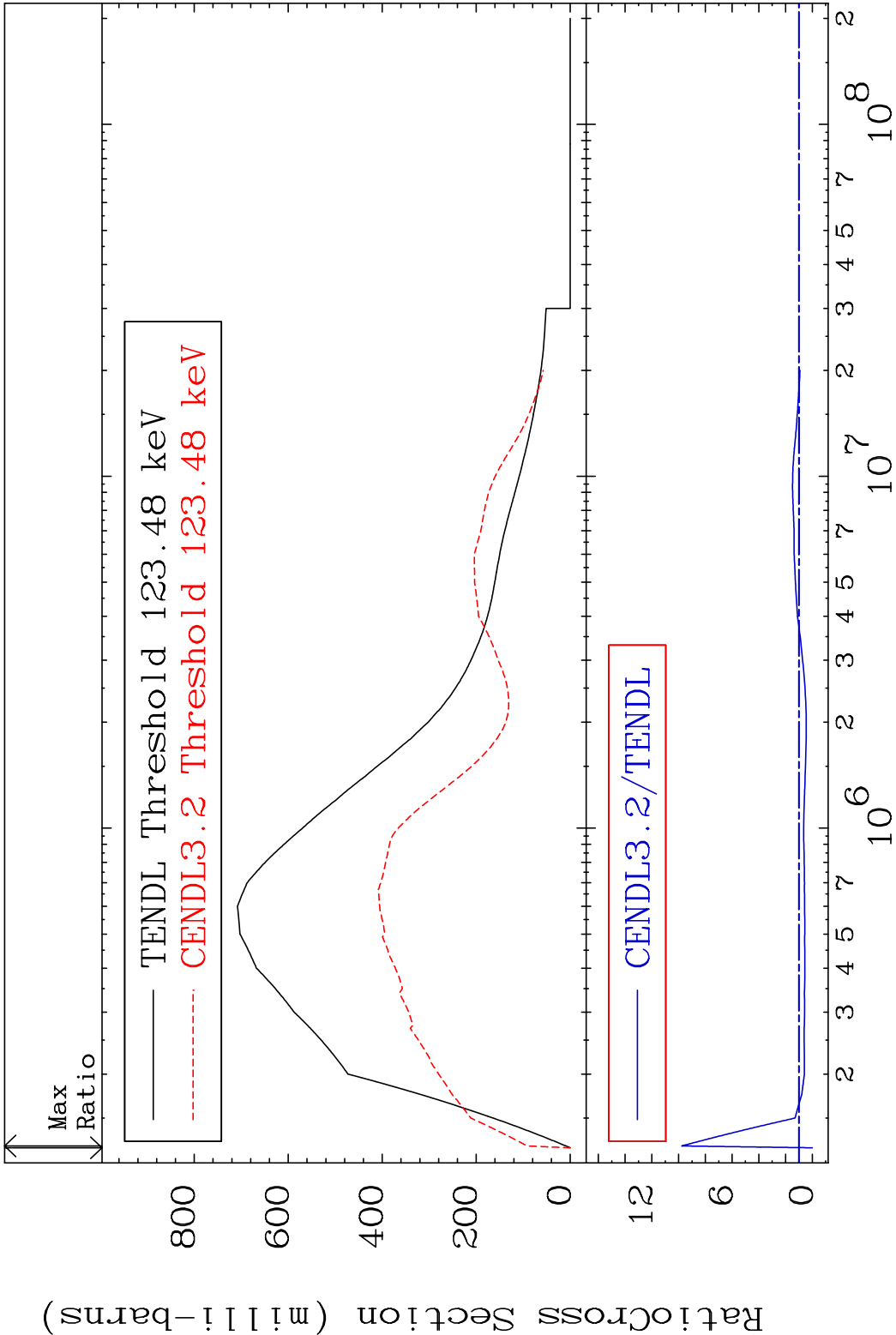
72-Hf-179







MAT 7240 MT= 51 (n,n') Level 72-Hf-179
Cross Section -100.0 To 876.6 %



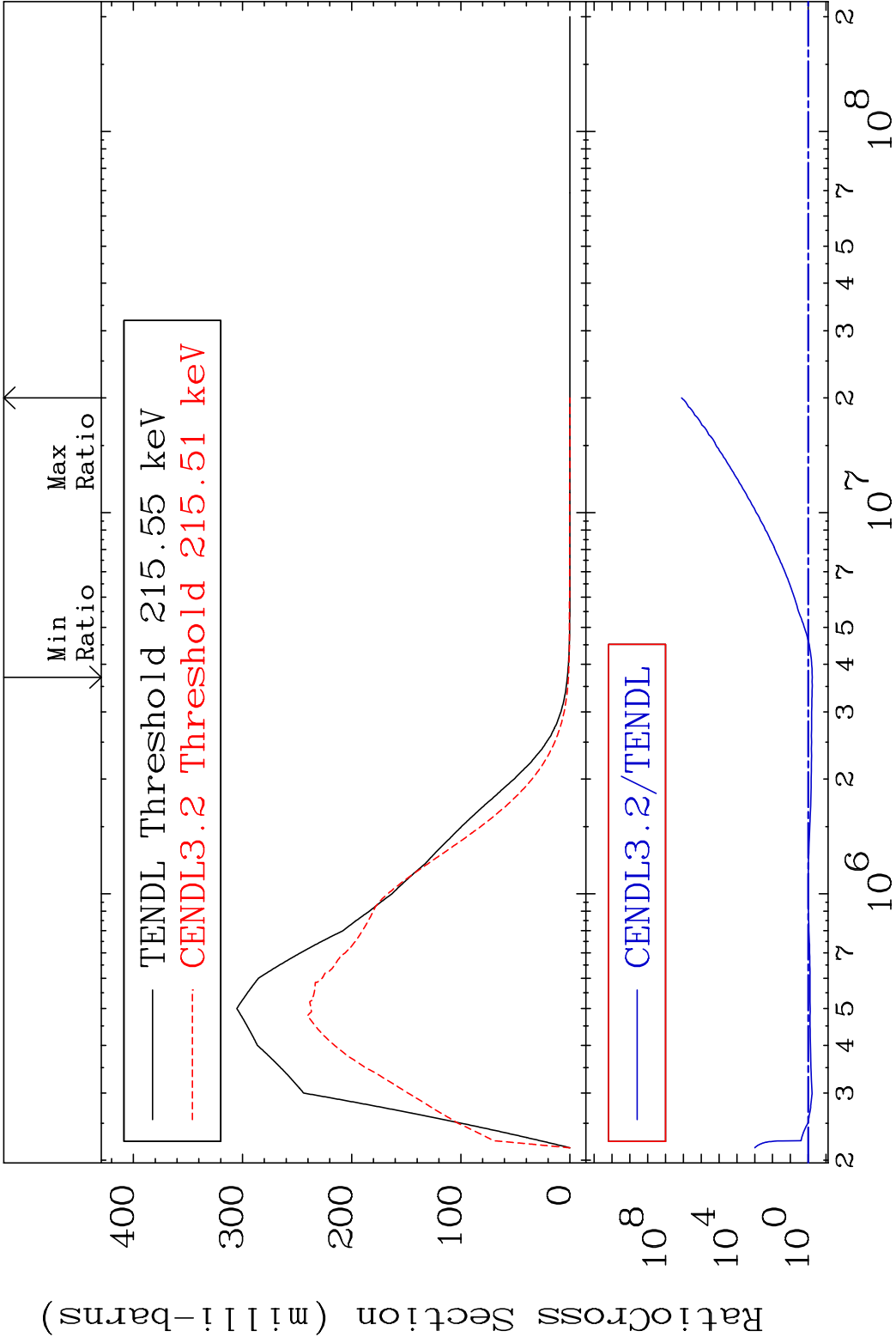
MAT 7240

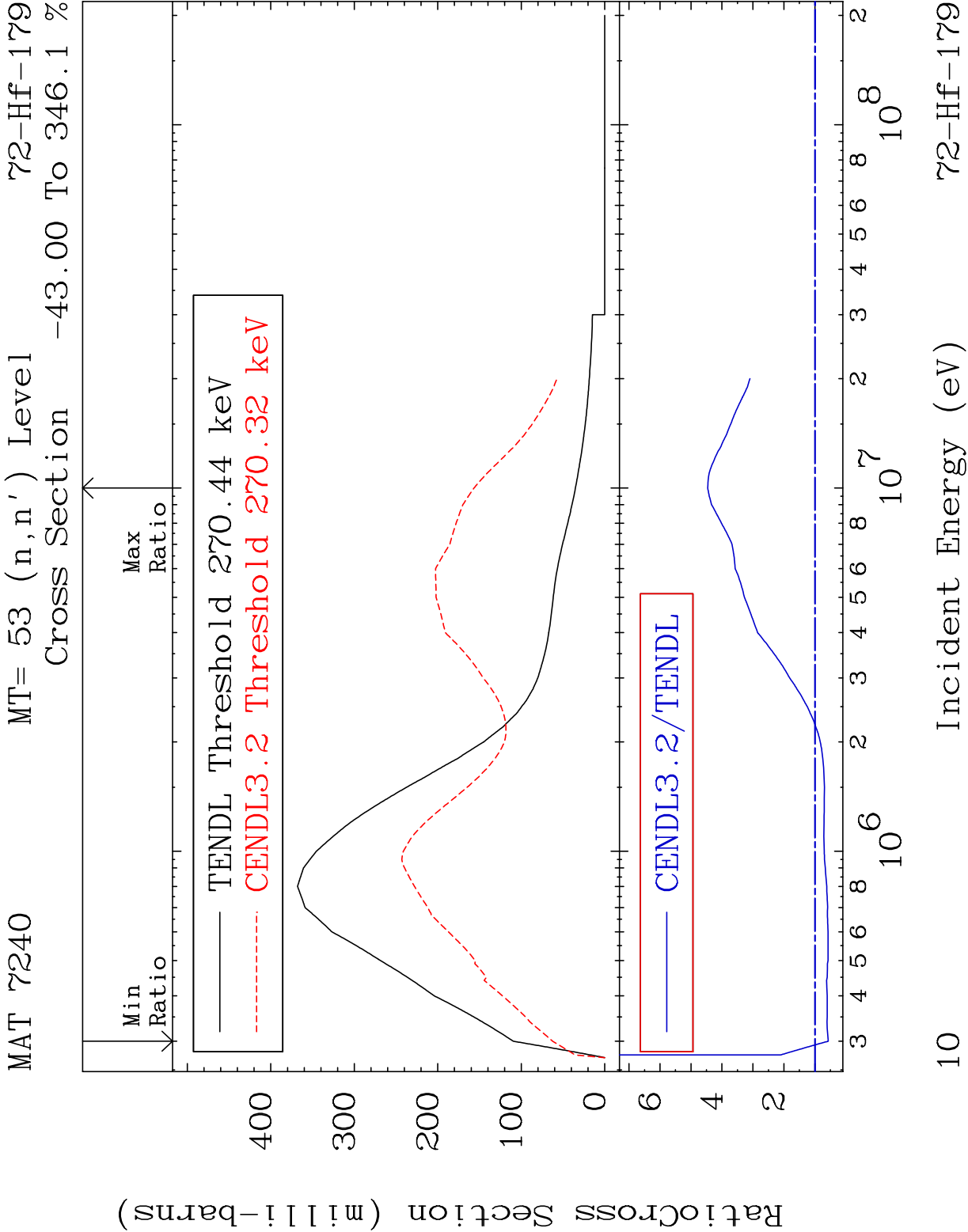
MT= 52 (n,n') Level

72-Hf-179

Cross Section

-40.27 To 9999. %



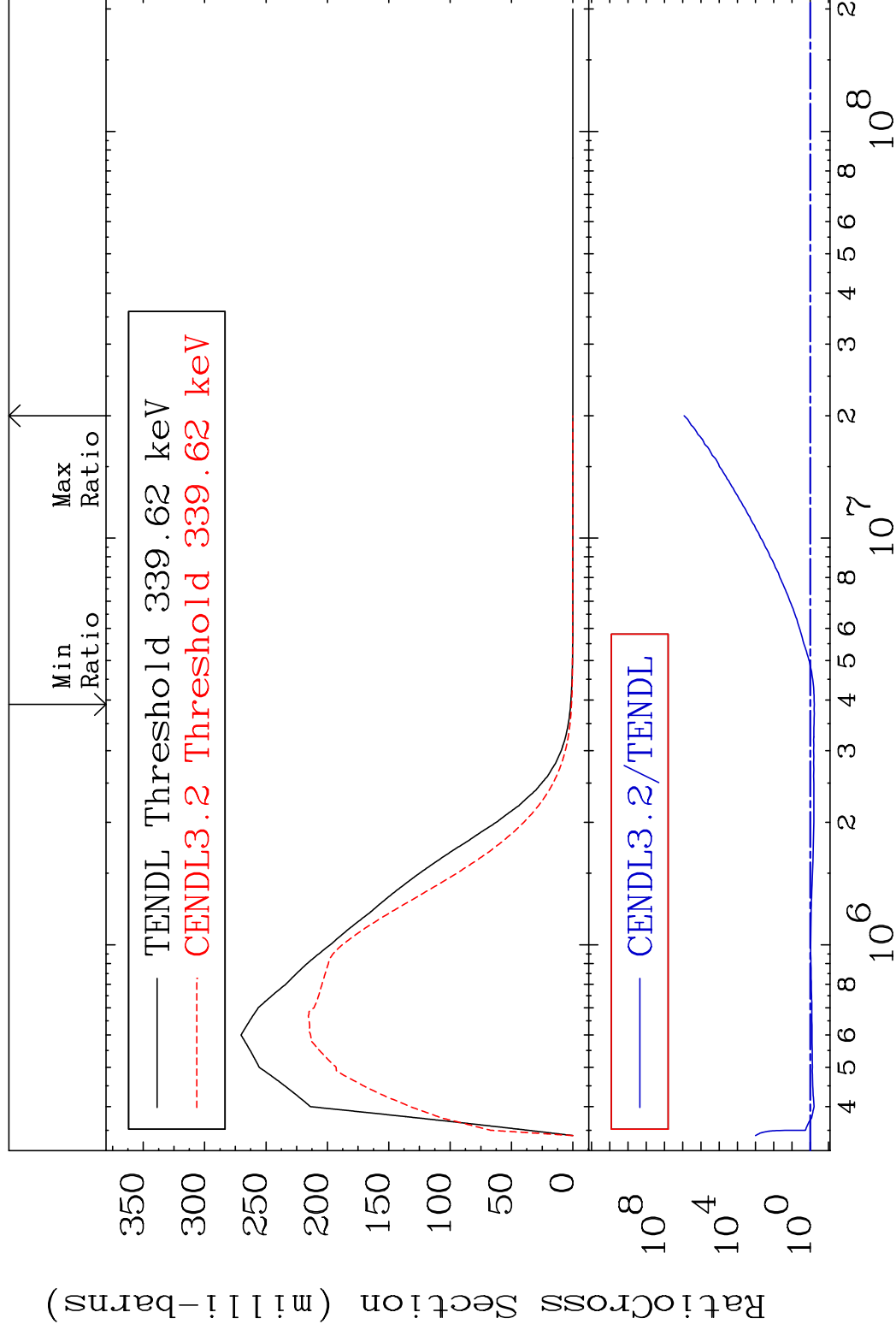


MAT 7240

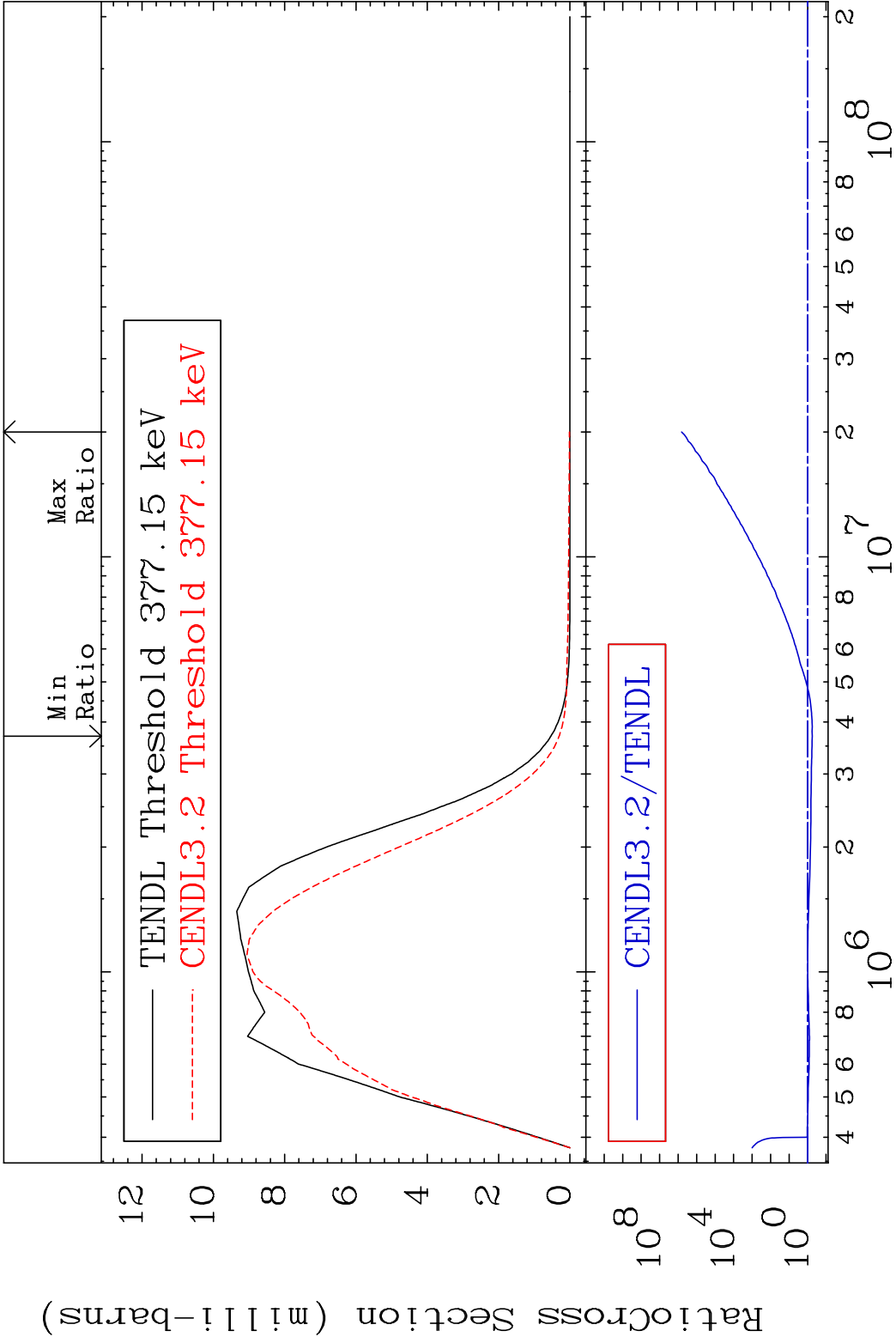
MT= 54 (n, n') Level

72-Hf-179

Cross Section -39.80 To 9999. %

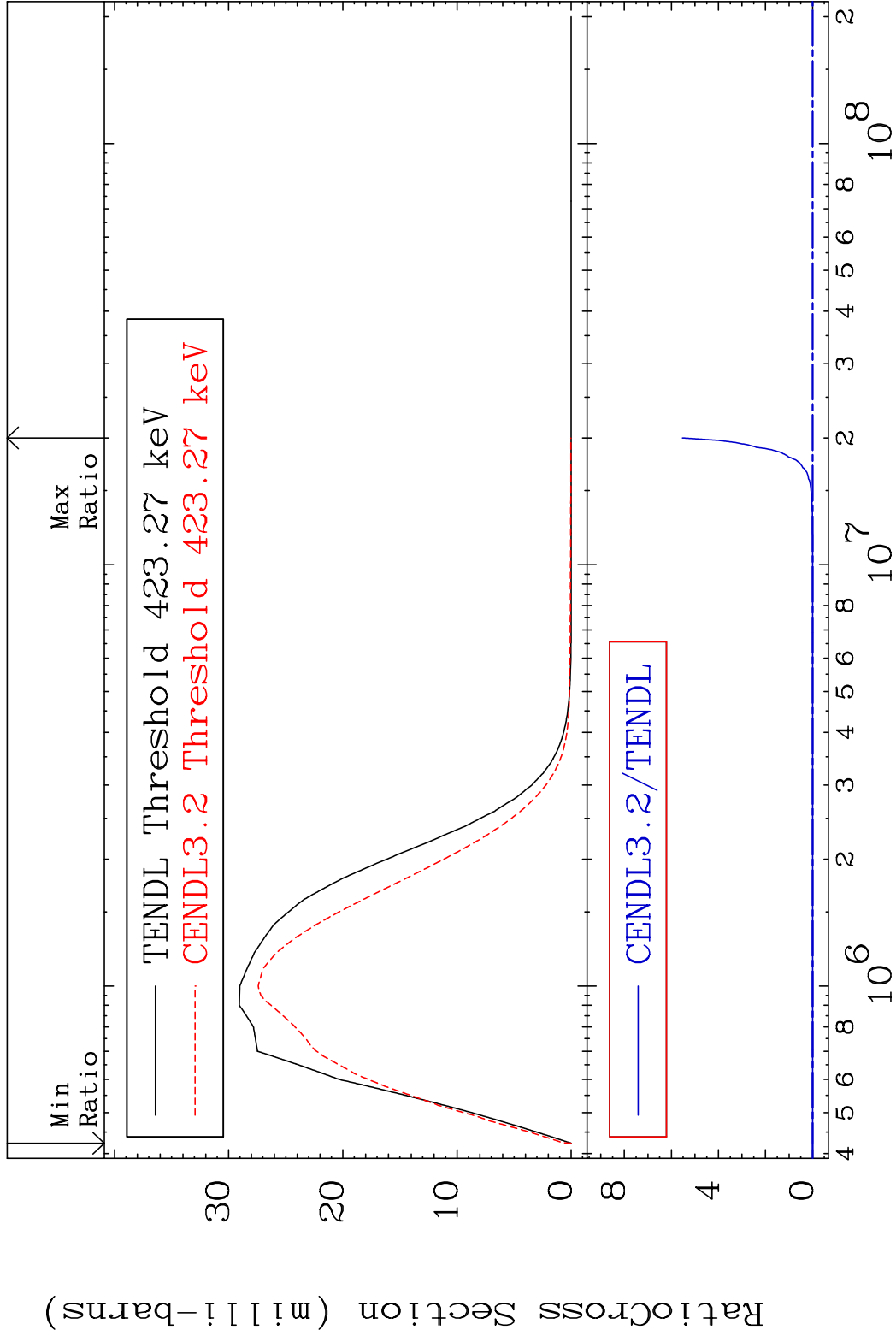


MAT 7240 MT= 55 (n,n') Level 72-Hf-179
Cross Section -43.60 To 9999. %



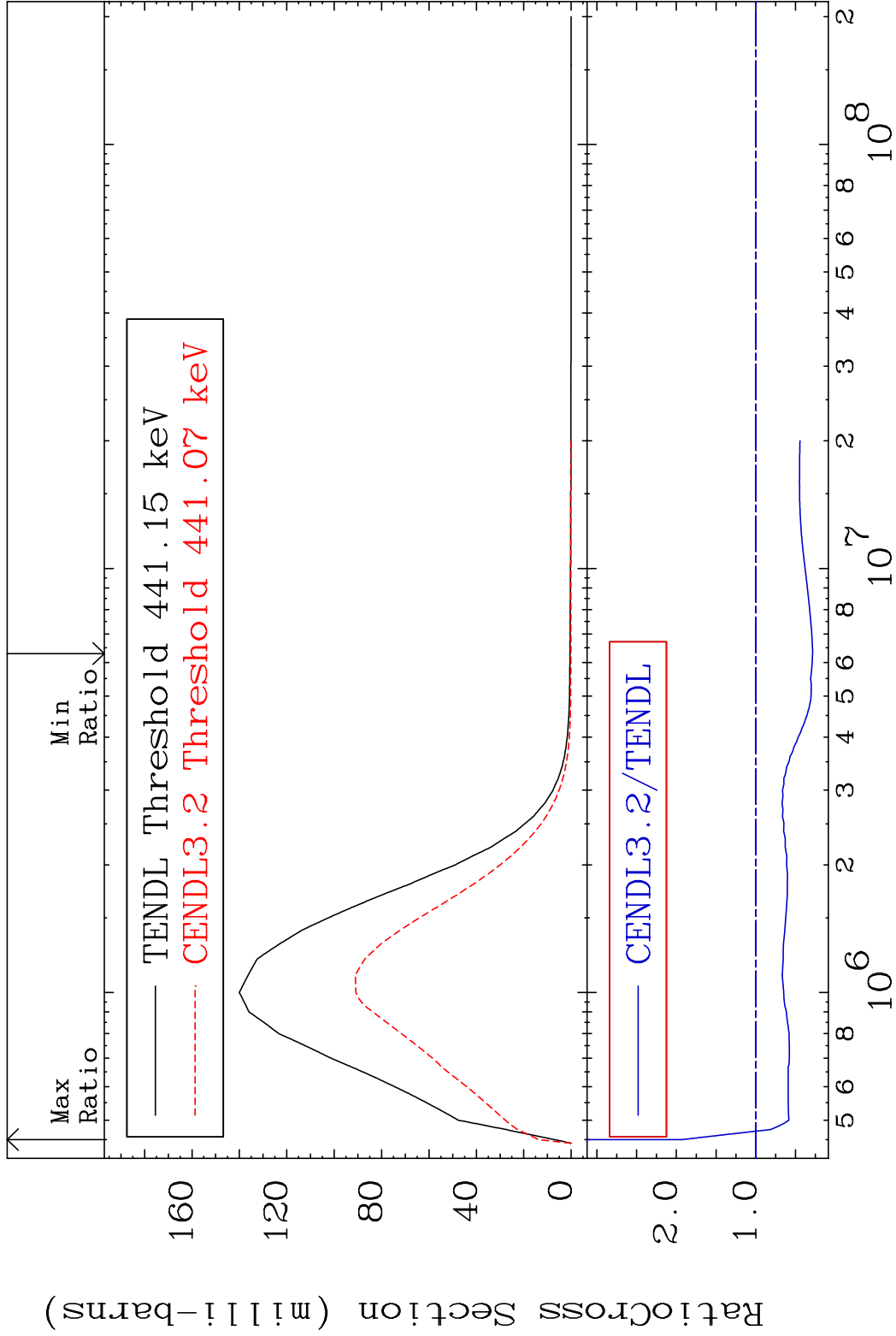
12 Incident Energy (eV) 72-Hf-179

MAT 7240 MT= 56 (n,n') Level 72-Hf-179
Cross Section -100.0 To 9999. %

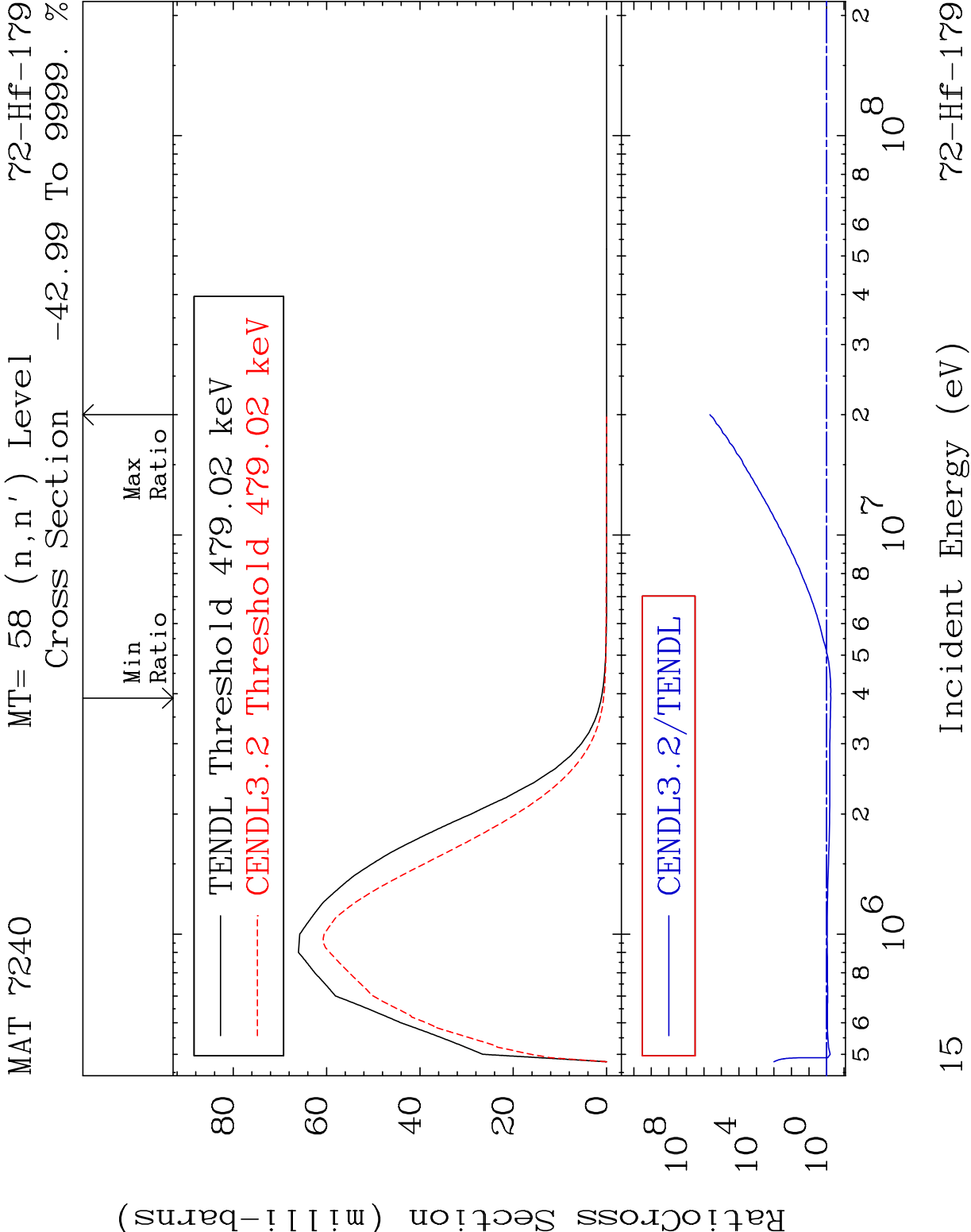


13 Incident Energy (eV) 72-Hf-179

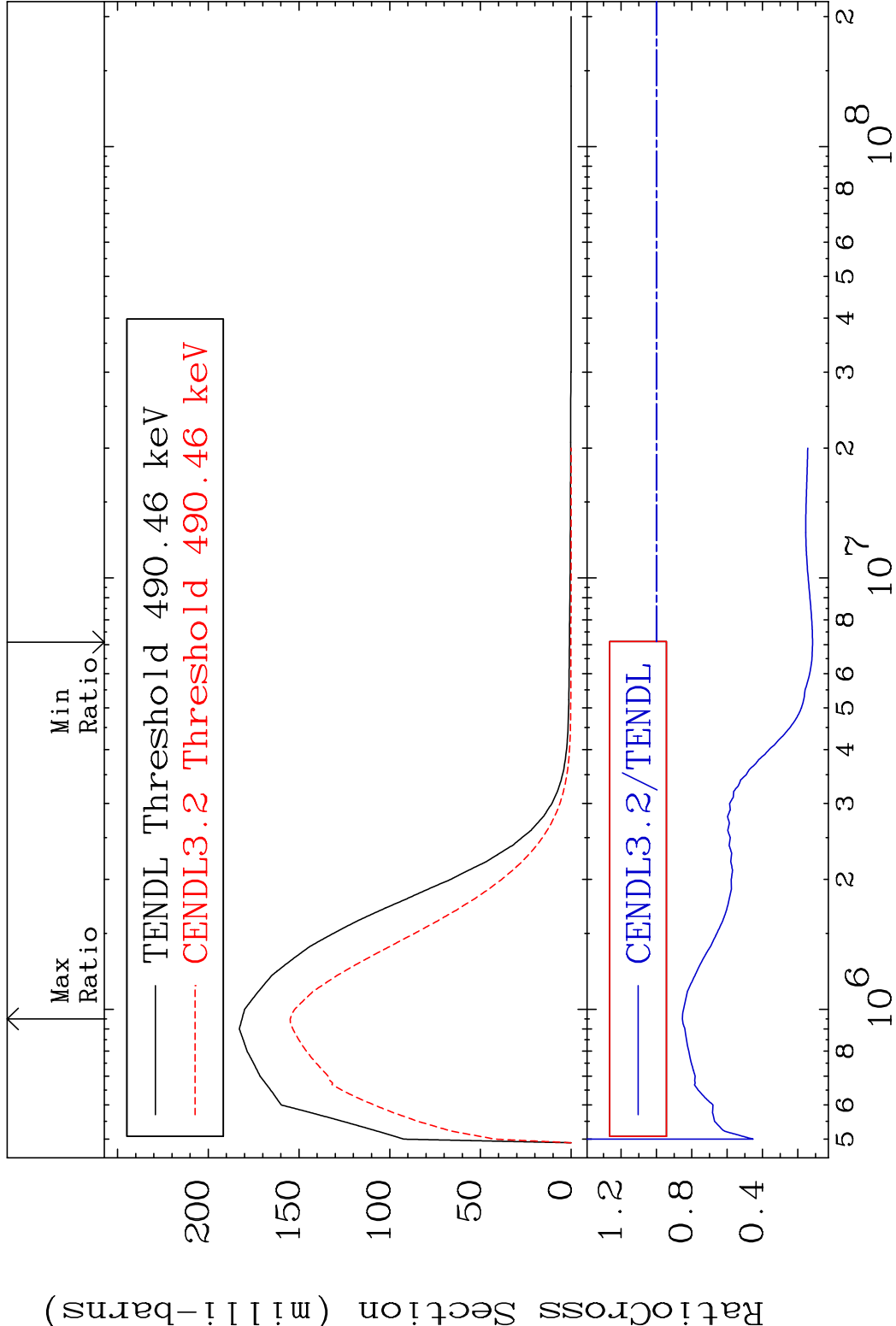
MAT 7240 MT= 57 (n,n') Level 72-Hf-179
Cross Section -71.37 To 92.44 %



14 Incident Energy (eV) 72-Hf-179



MAT 7240 MT= 59 (n,n') Level 72-Hf-179
Cross Section -88.33 To -14.65%

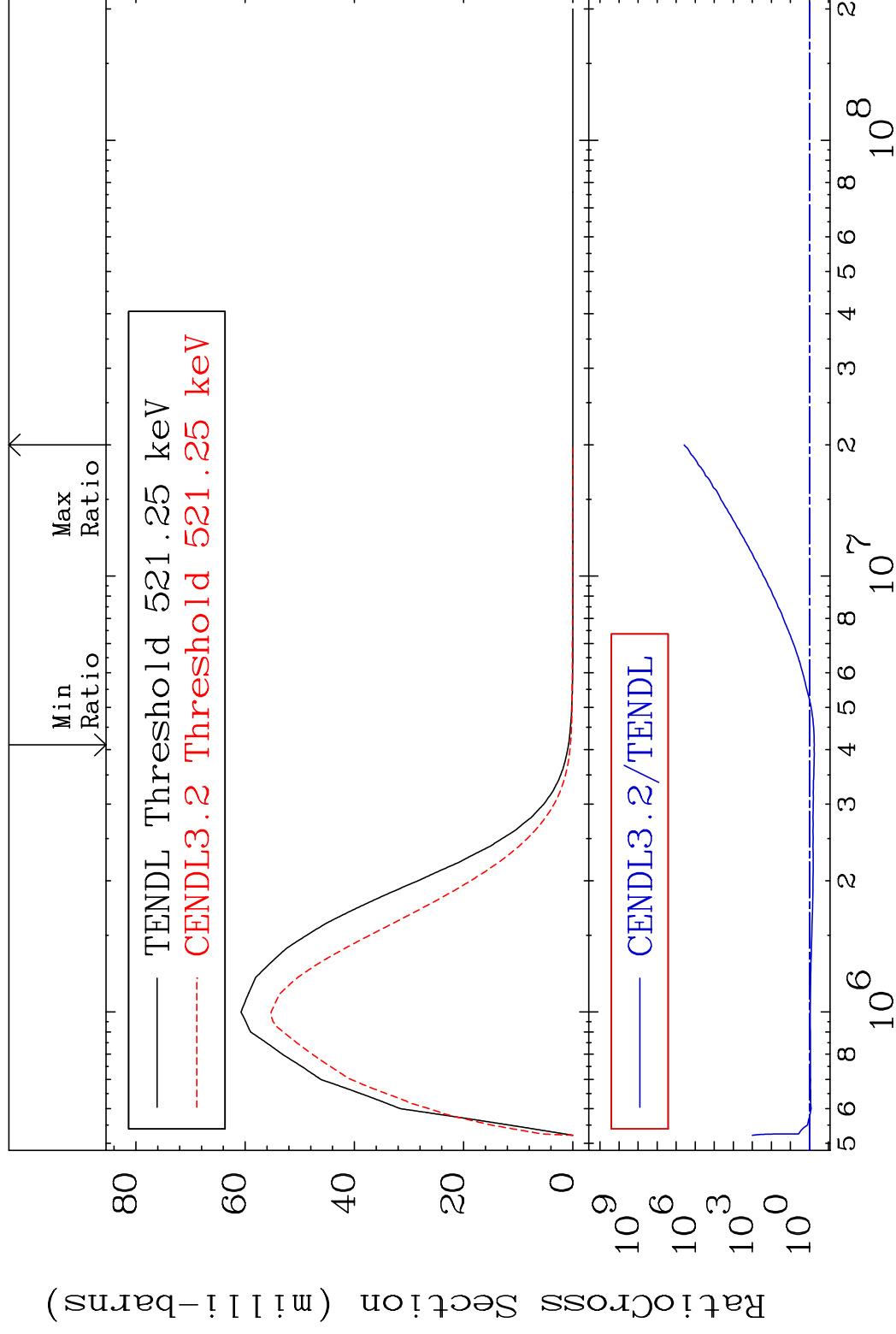


MAT 7240

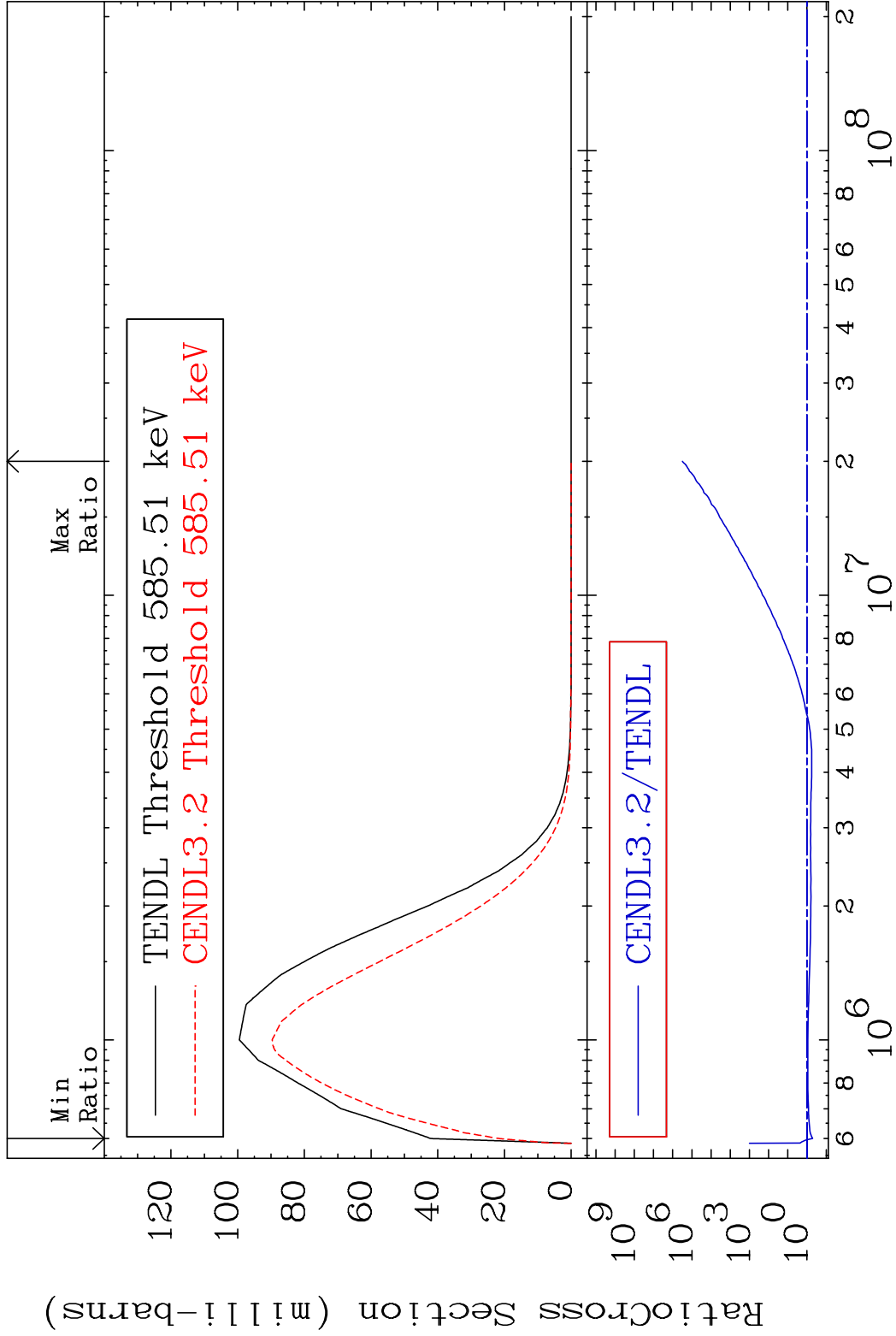
MT= 60 (n, n') Level

72-Hf-179

Cross Section -43.66 To 9999. %

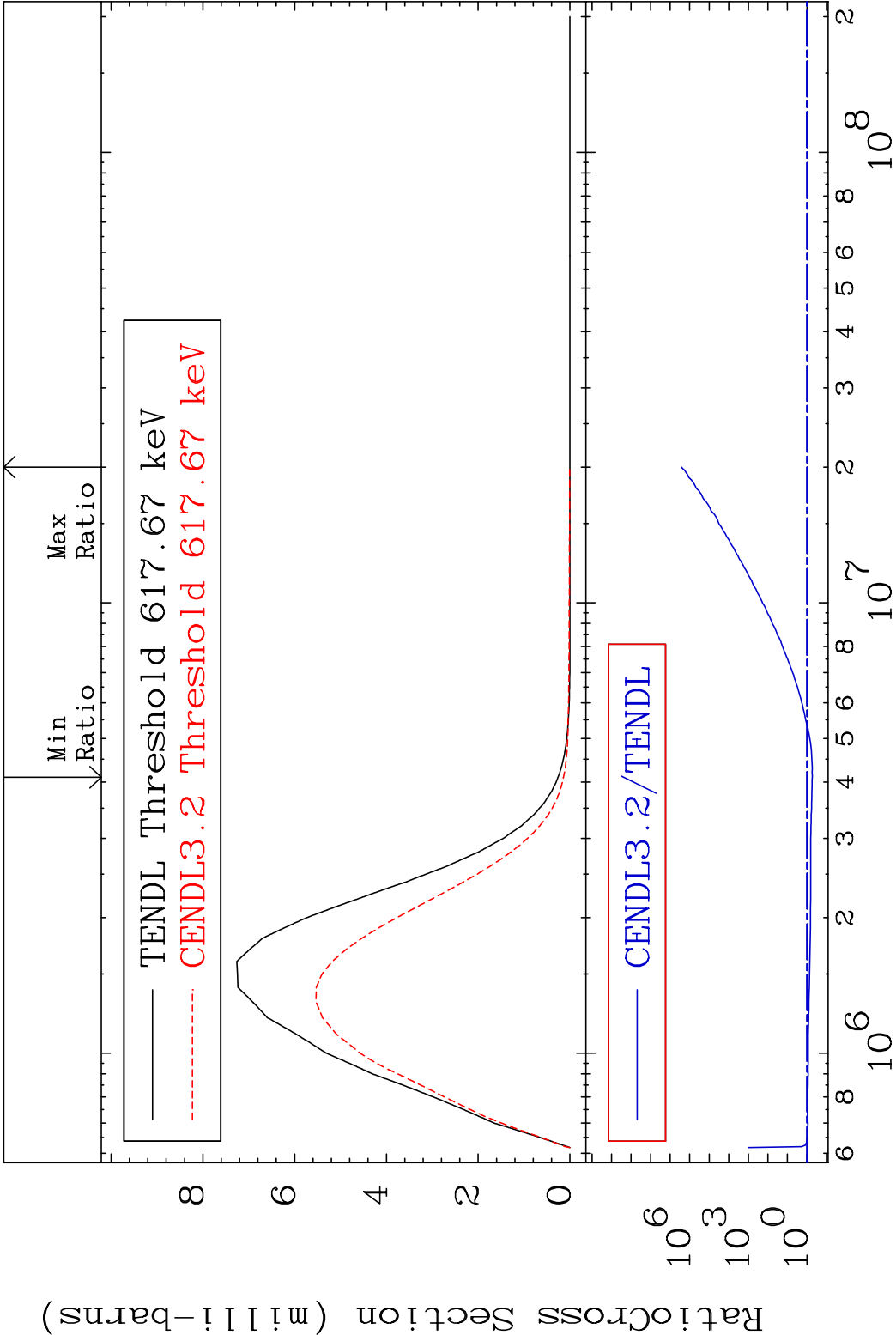


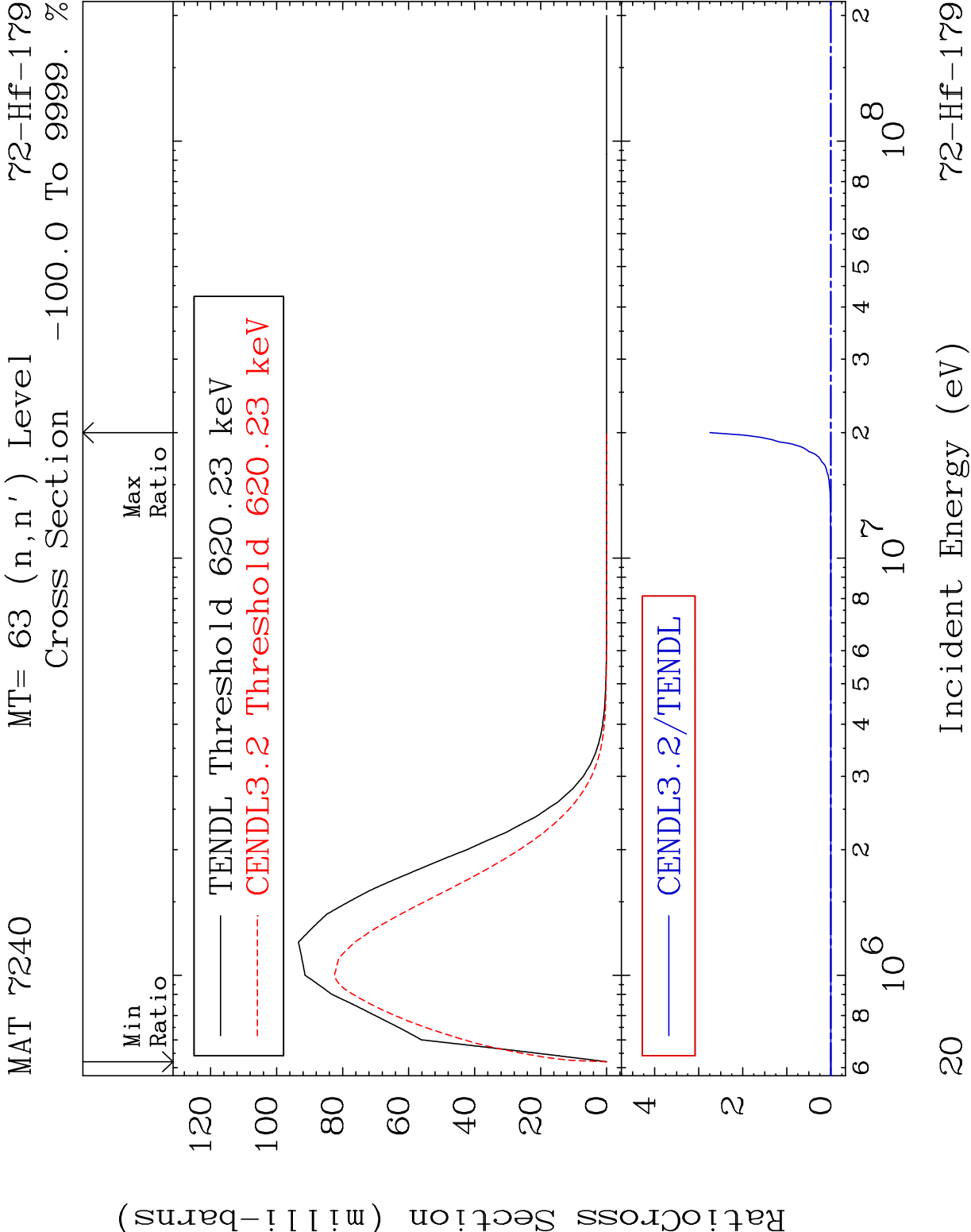
MAT 7240 MT= 61 (n,n') Level 72-Hf-179
Cross Section -48.57 To 9999. %



18 Incident Energy (eV) 72-Hf-179

MAT 7240 MT= 62 (n,n') Level 72-Hf-179
Cross Section -46.43 To 9999. %





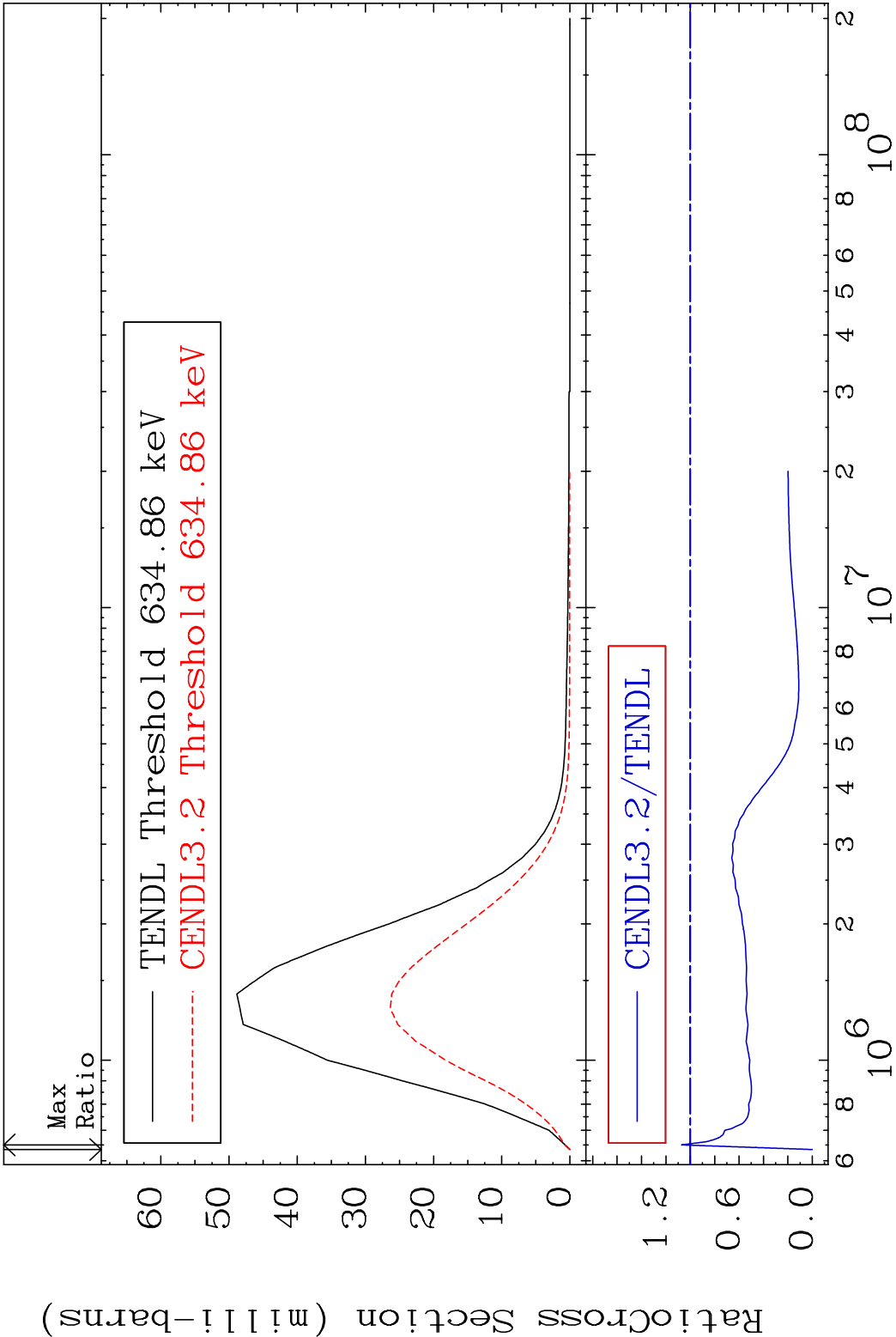
MAT 7240

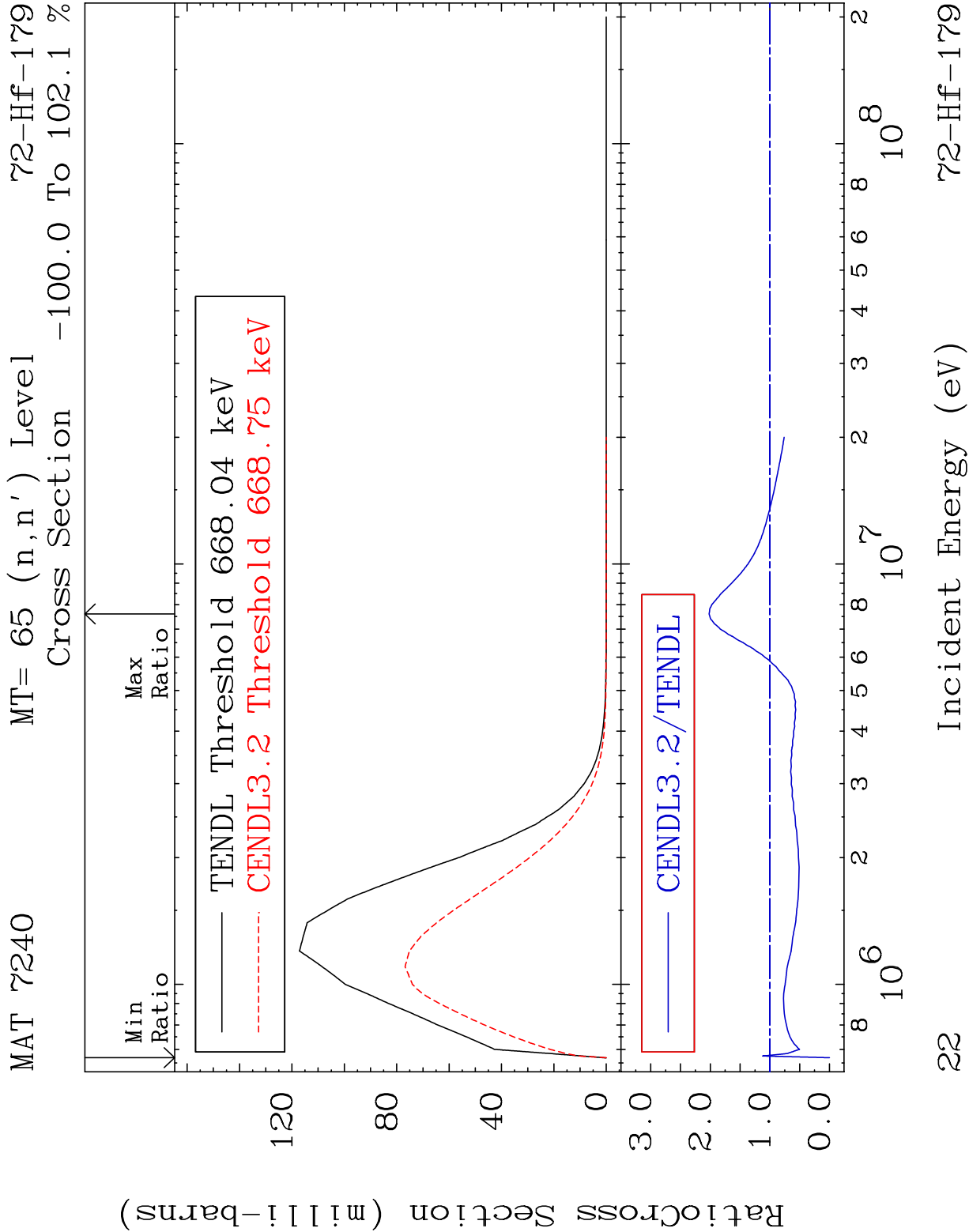
MT= 64 (n,n') Level

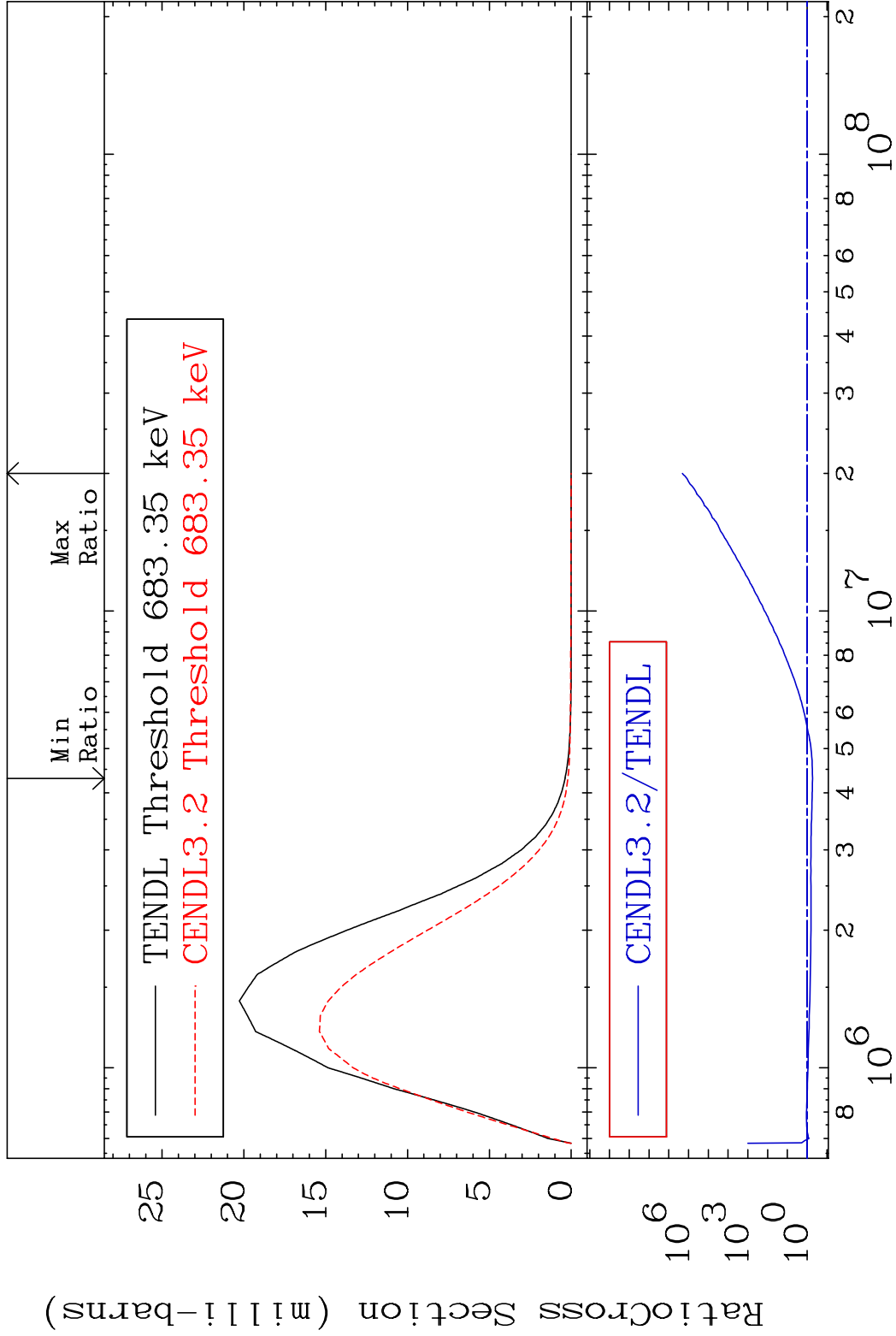
72-Hf-179

Cross Section

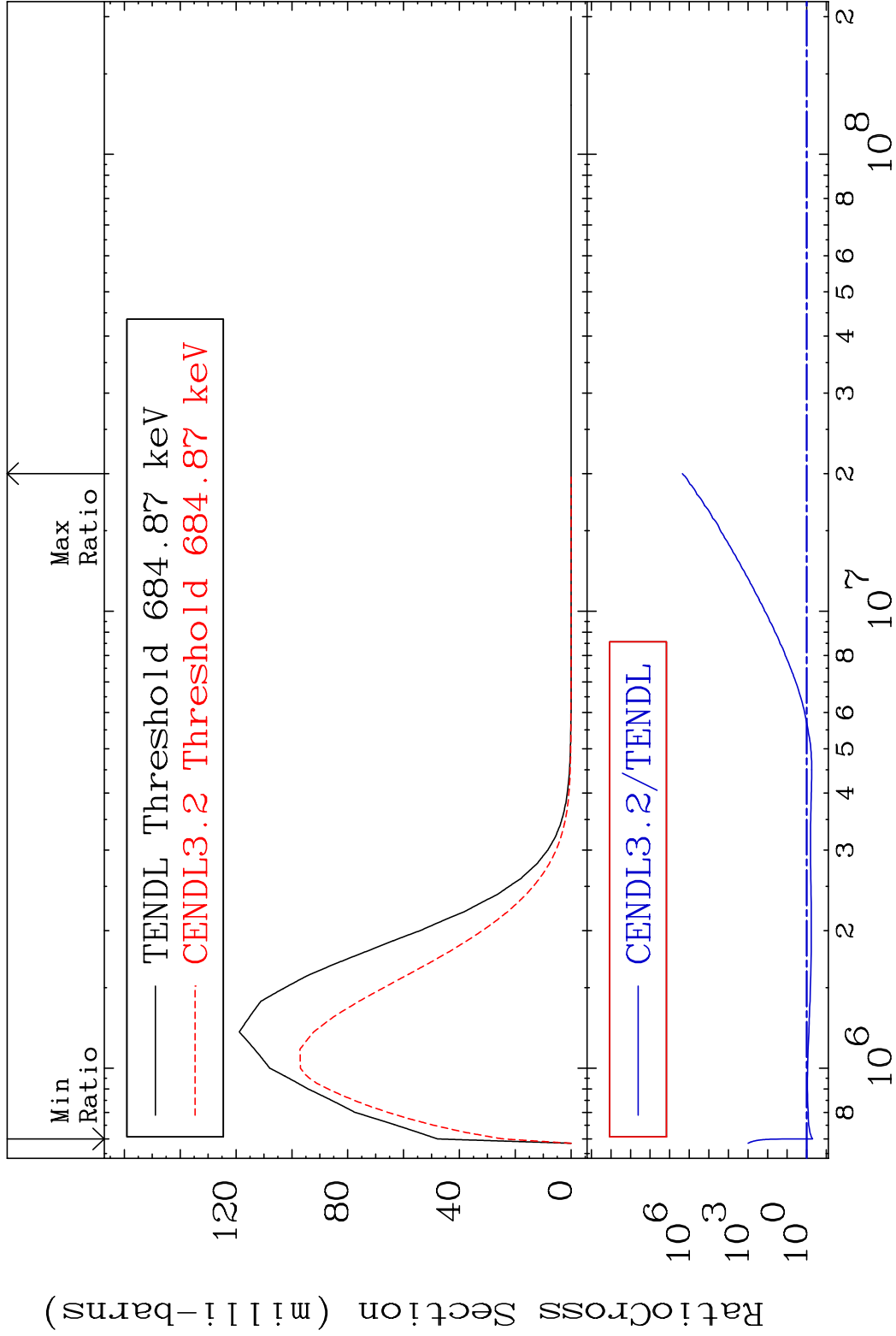
-100.0 To 7.176 %



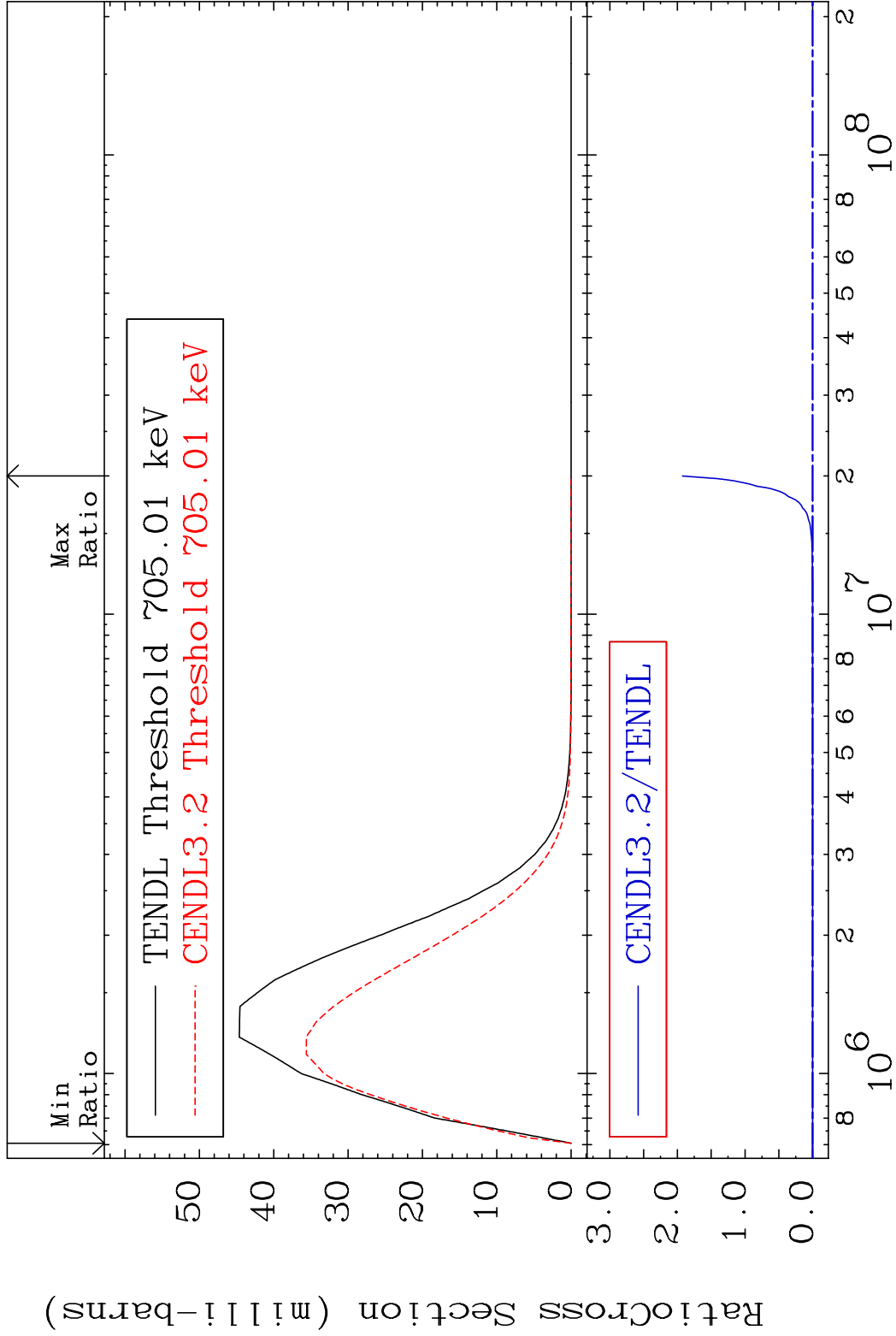




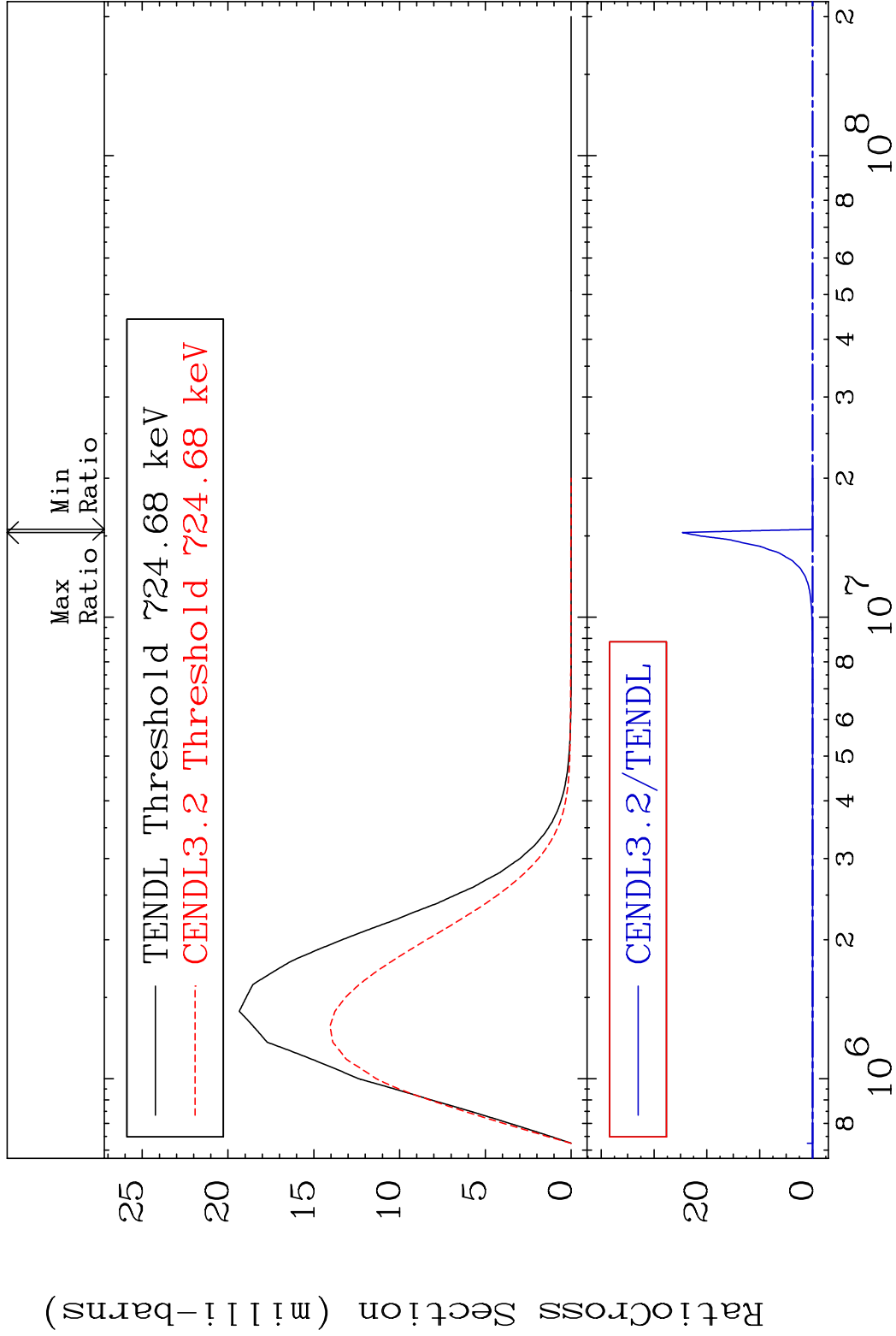
MAT 7240 MT= 67 (n,n') Level 72-Hf-179
Cross Section -49.43 To 9999. %

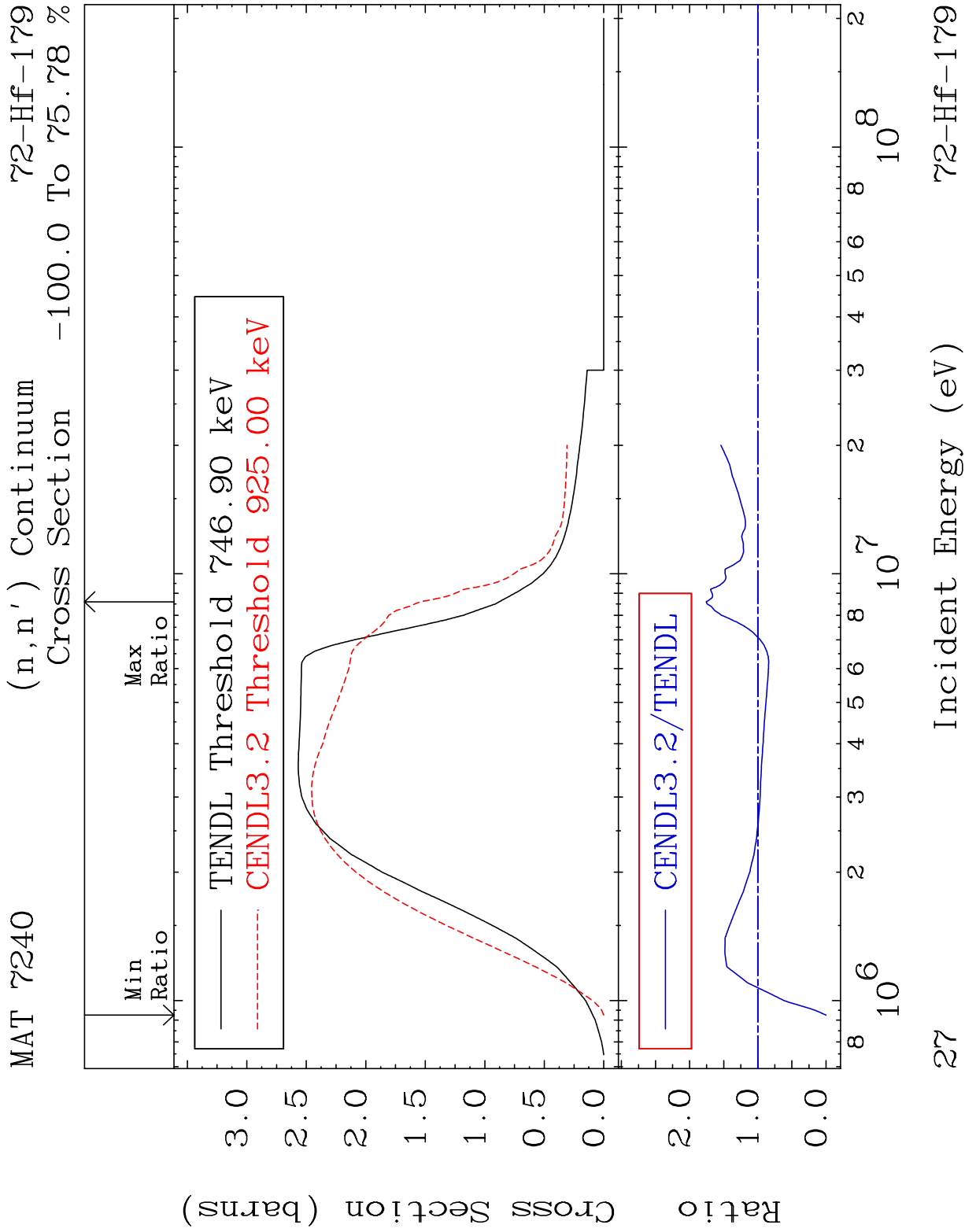


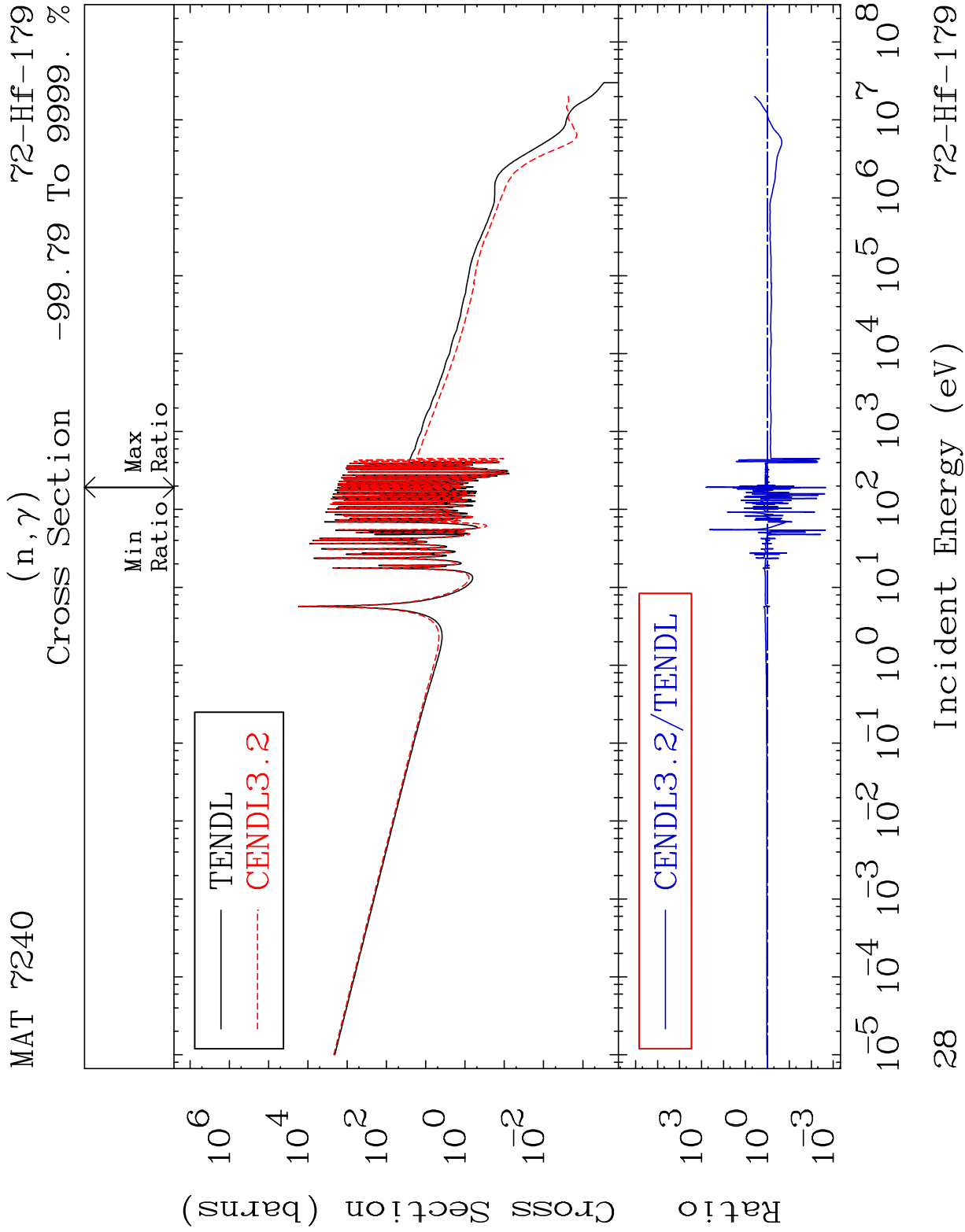
MAT 7240 MT= 68 (n,n') Level 72-Hf-179
Cross Section -100.0 To 9999. %

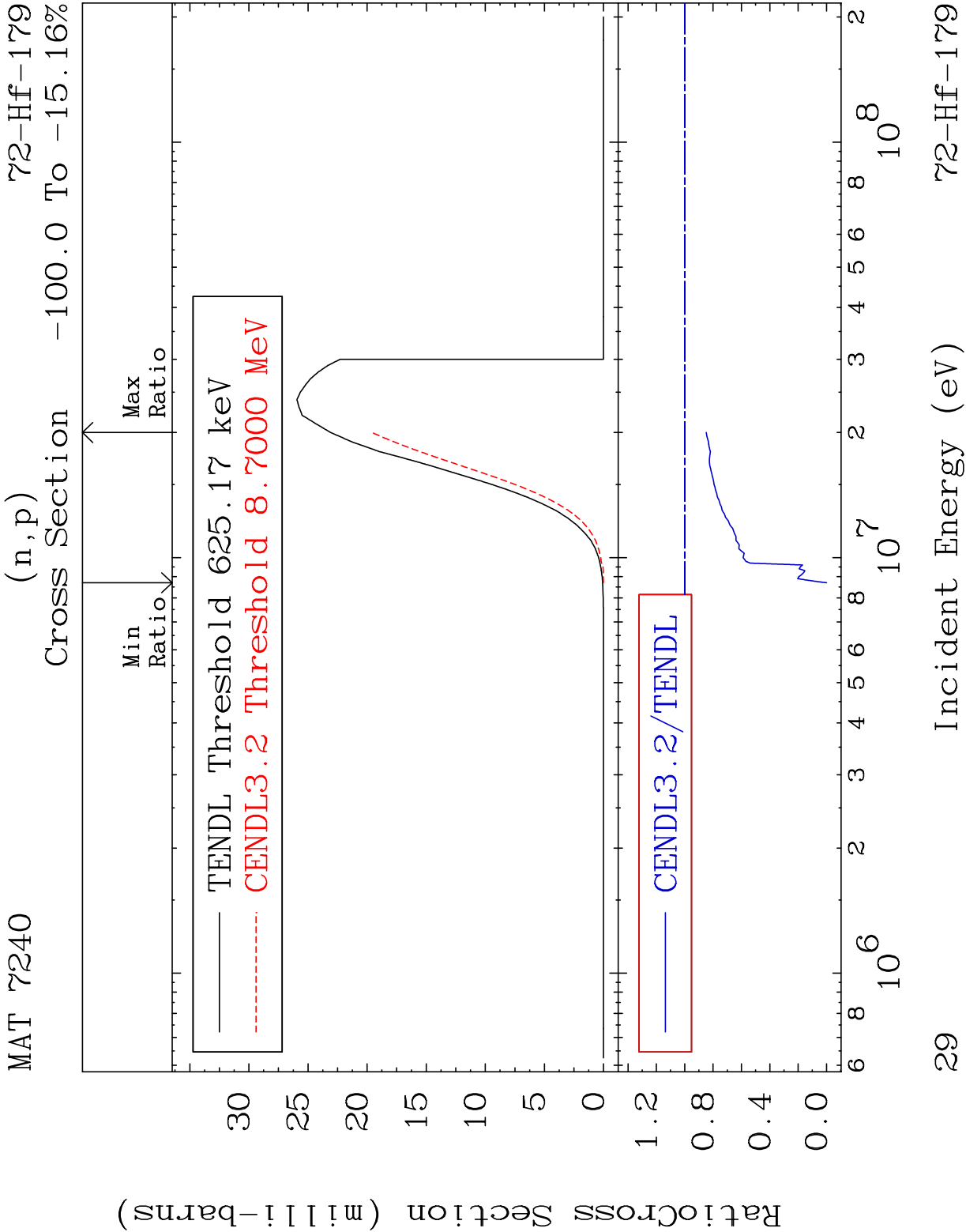


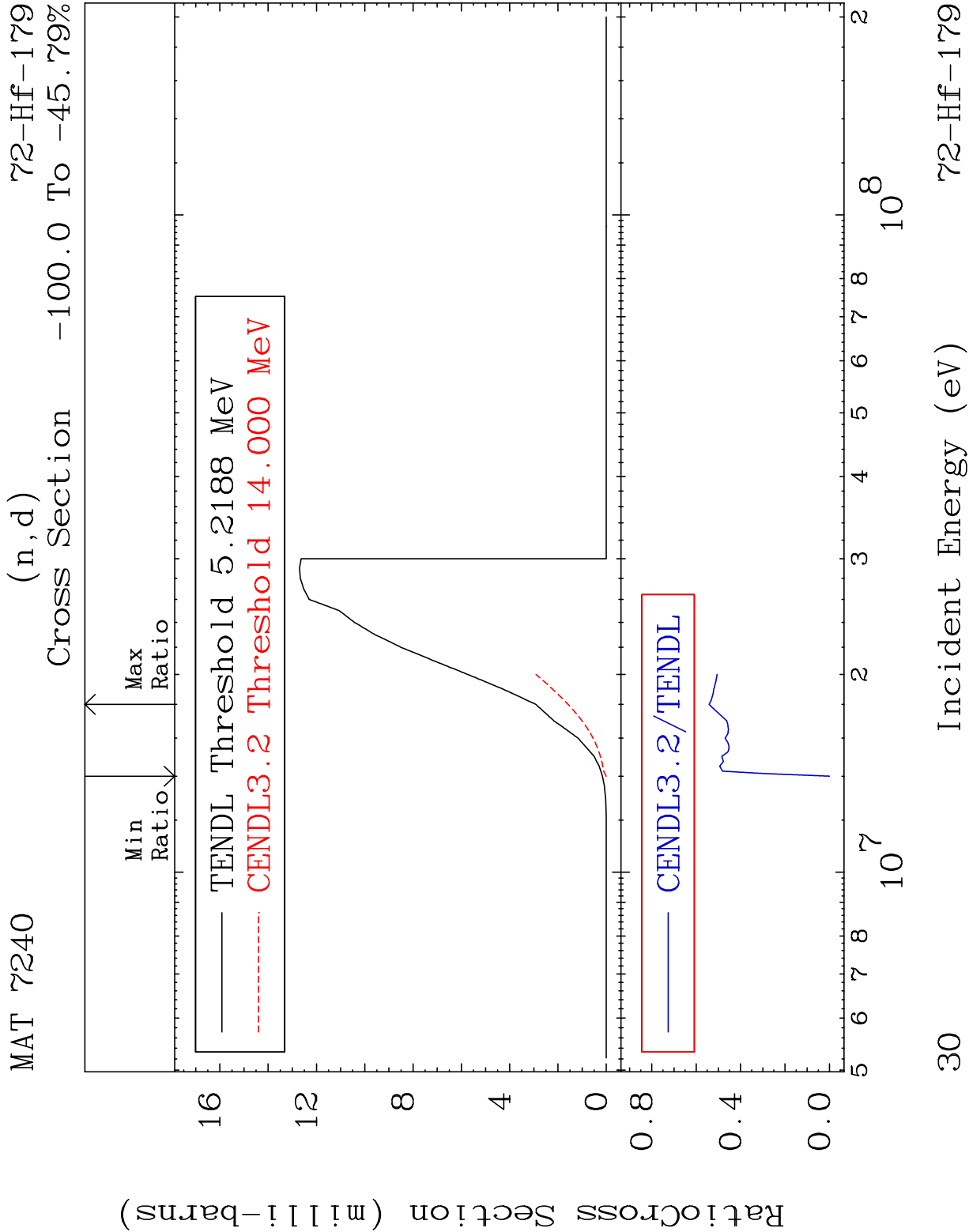
MAT 7240 MT= 69 (n,n') Level 72-Hf-179
Cross Section -100.0 To 9999. %

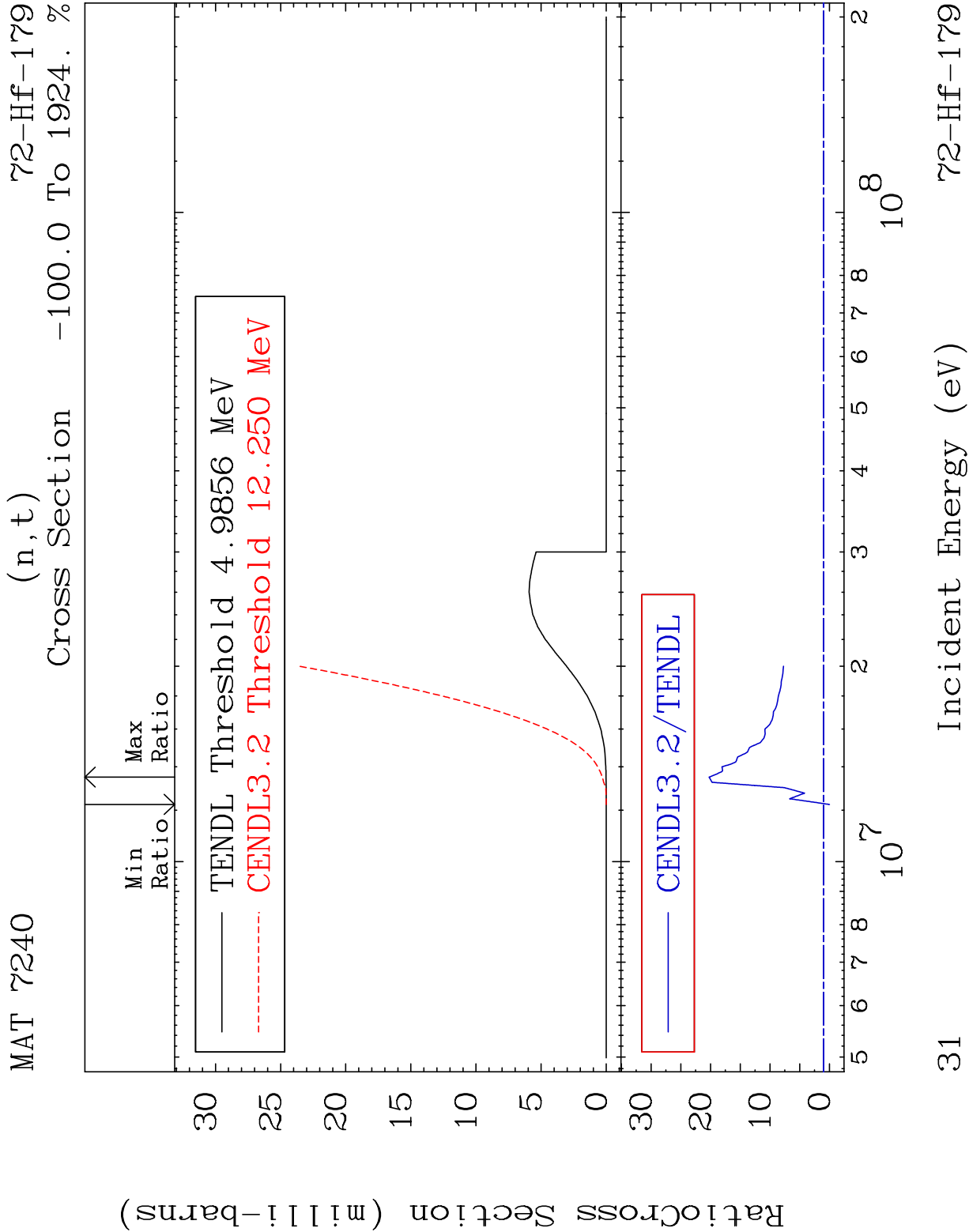


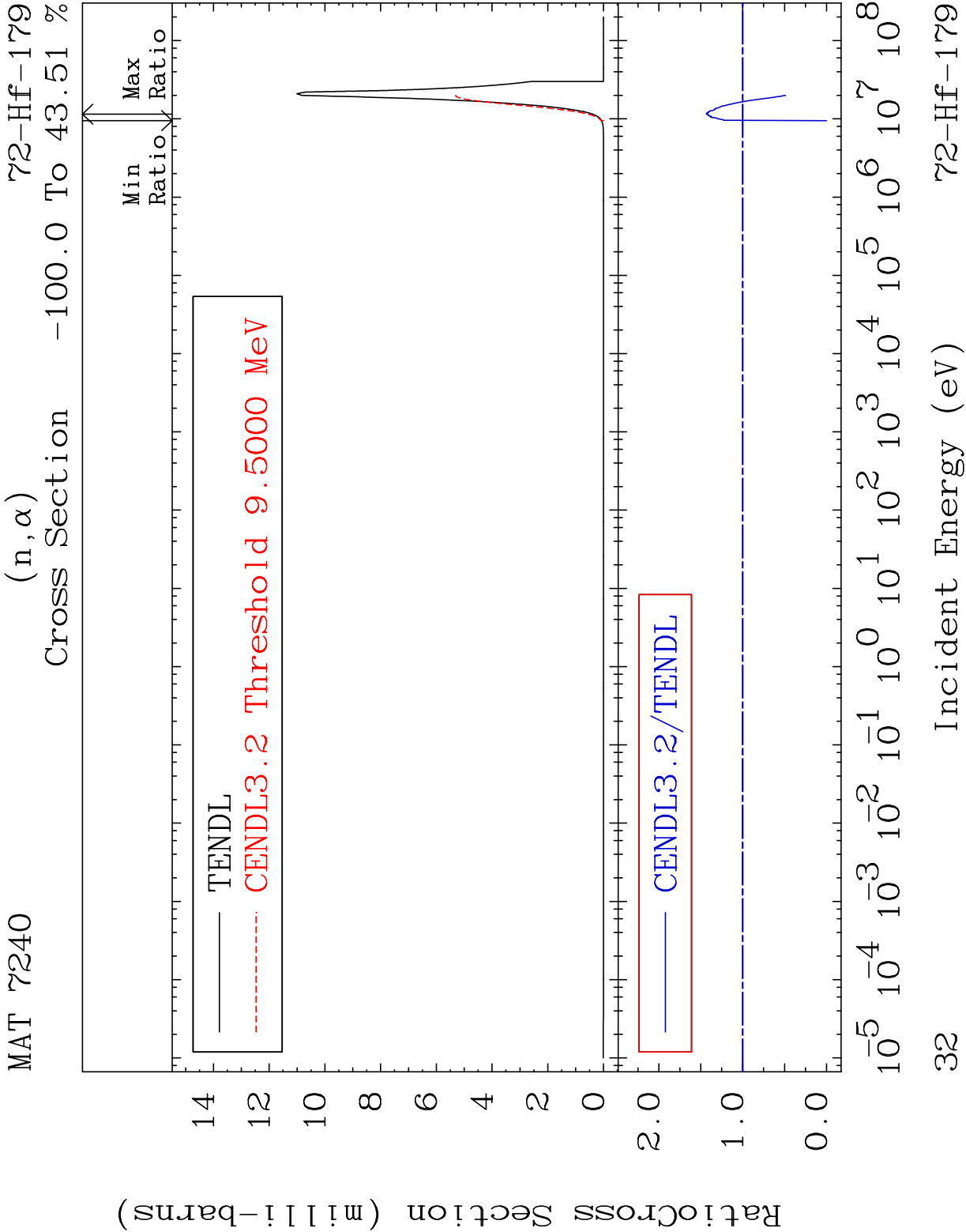


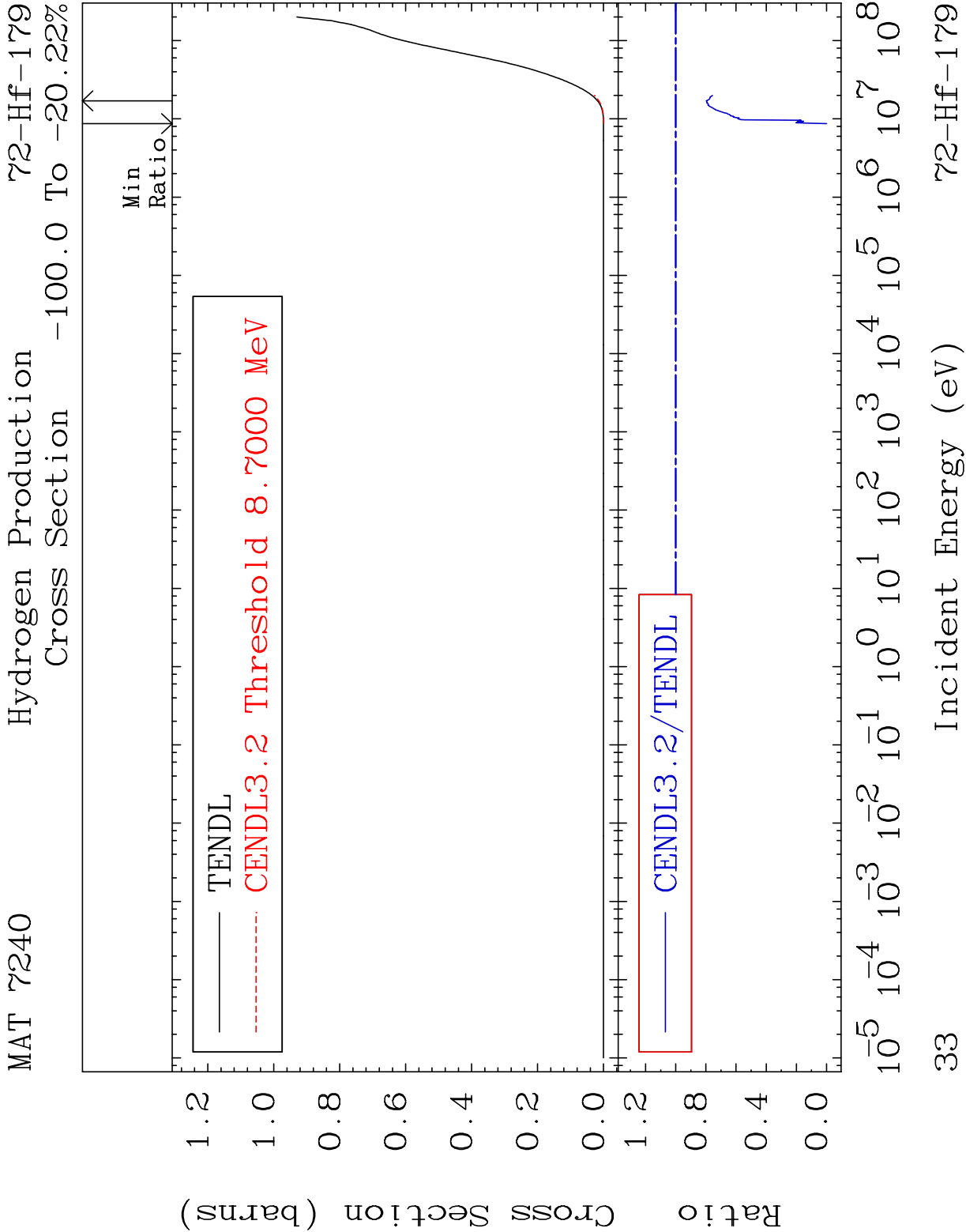


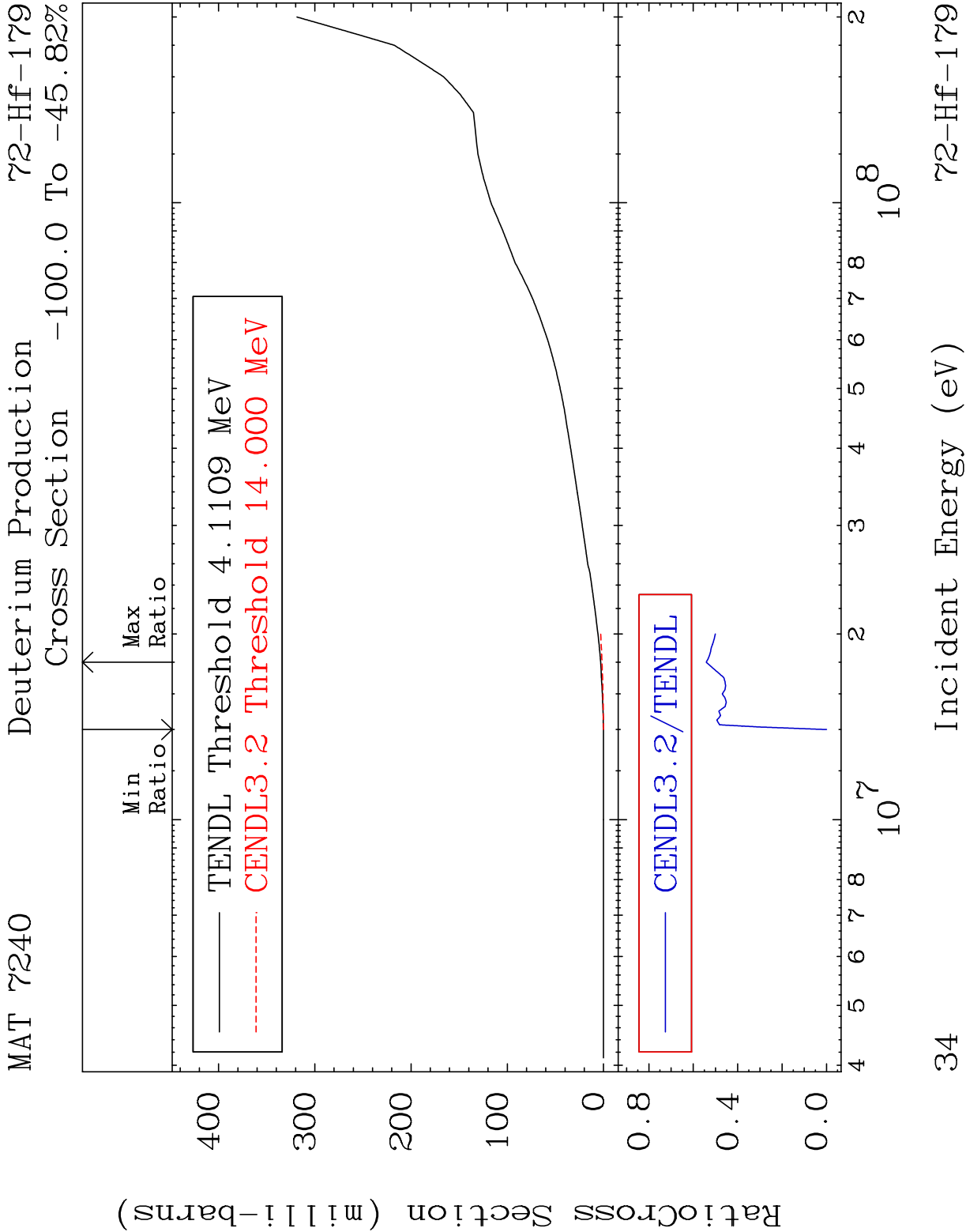


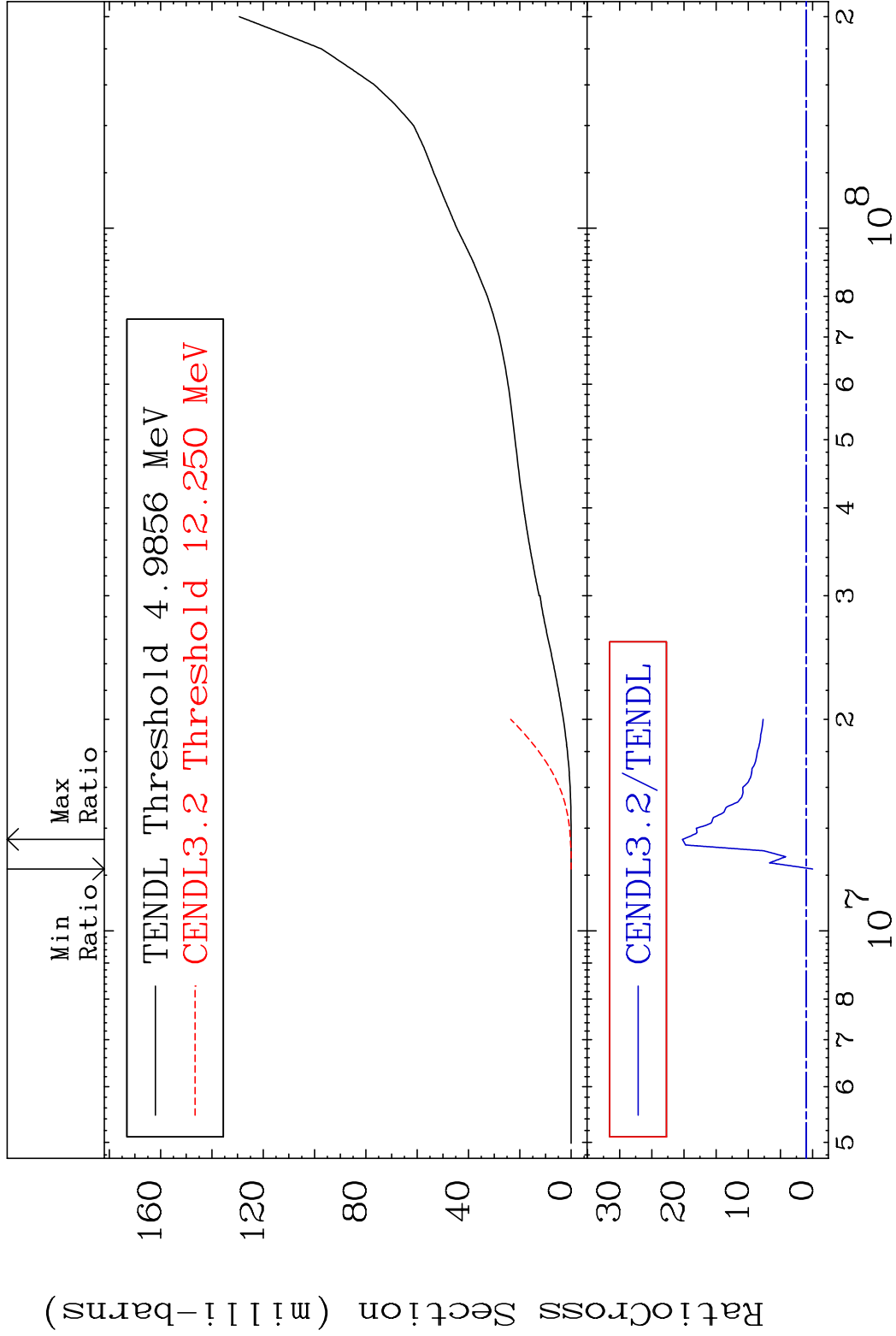


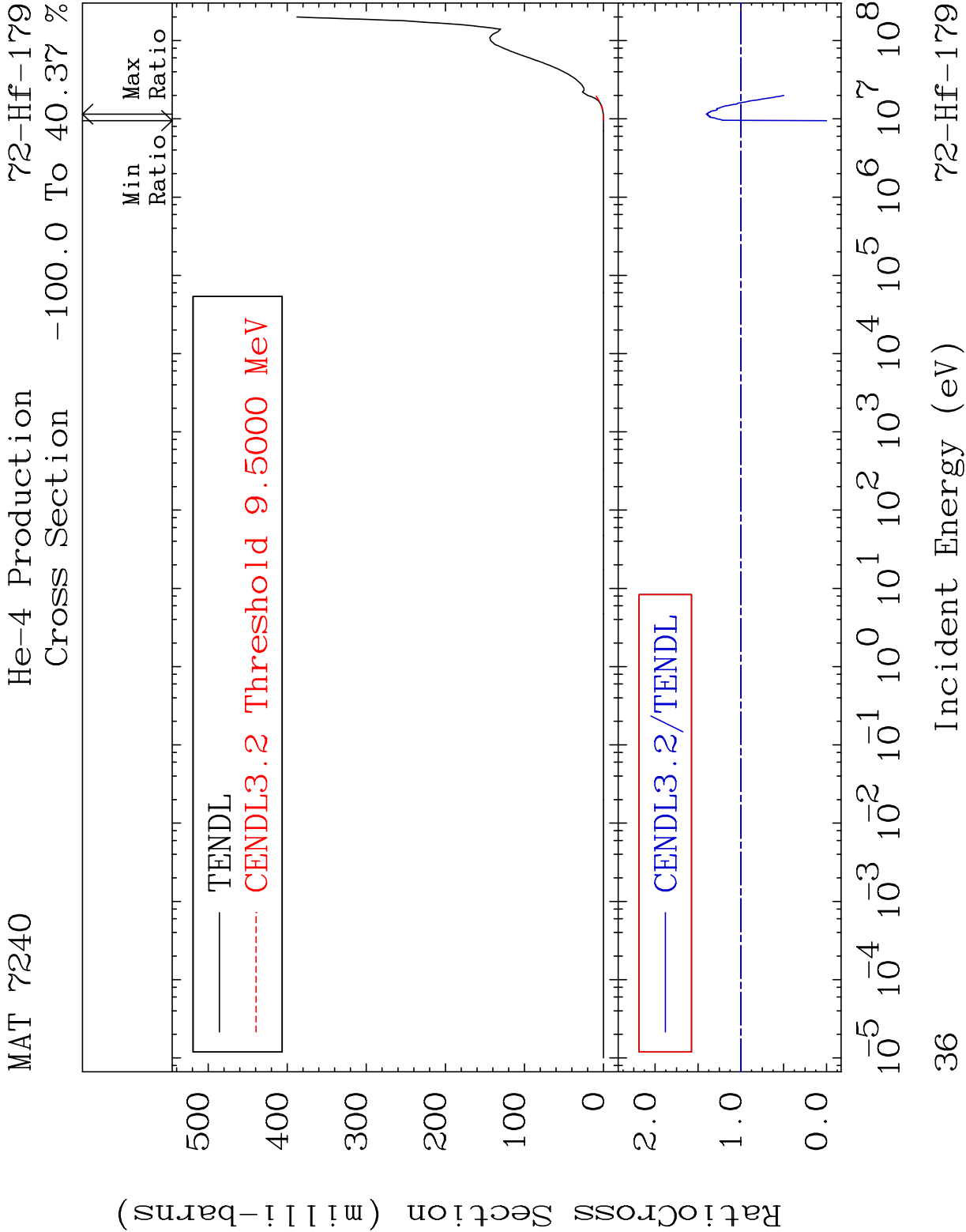


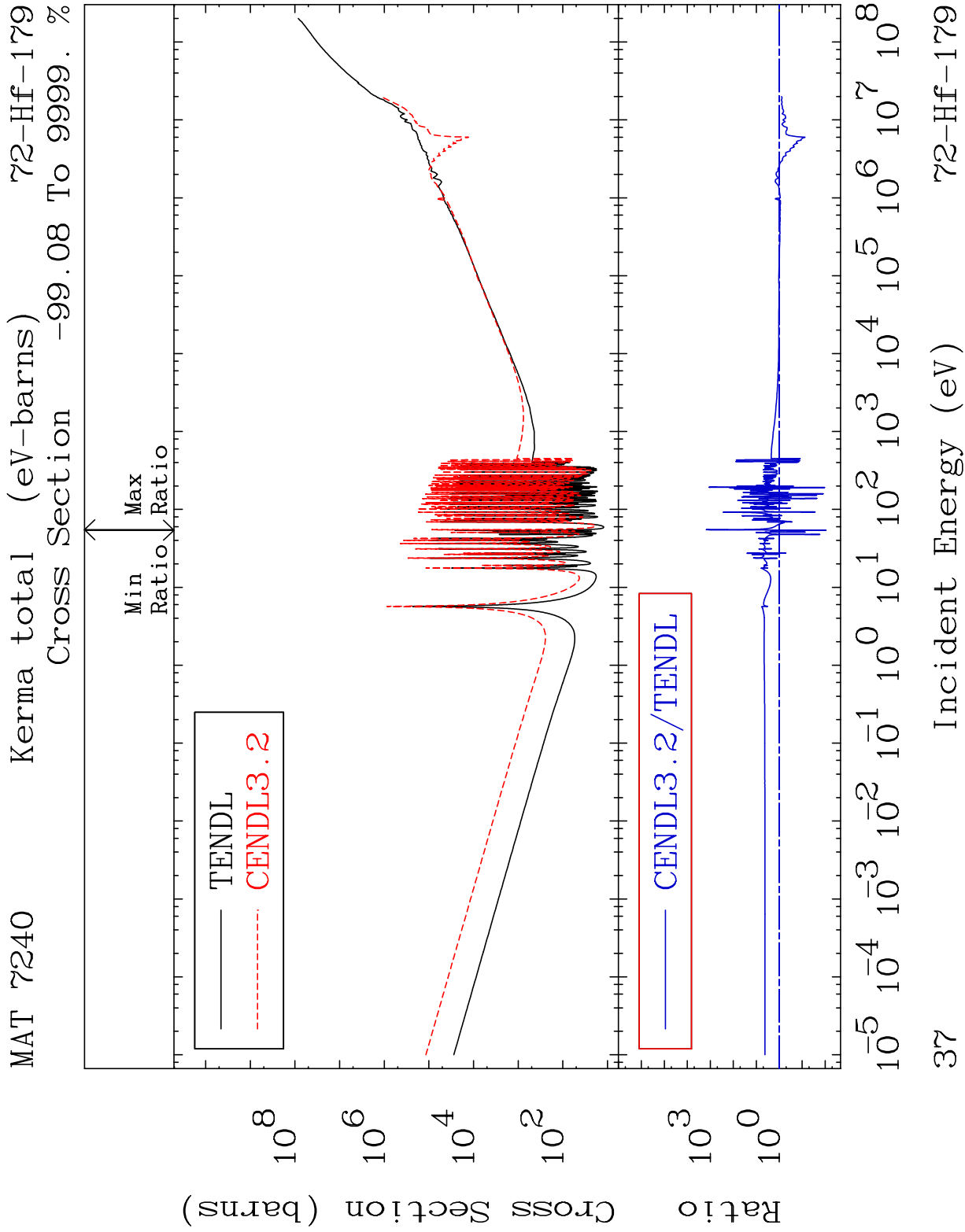




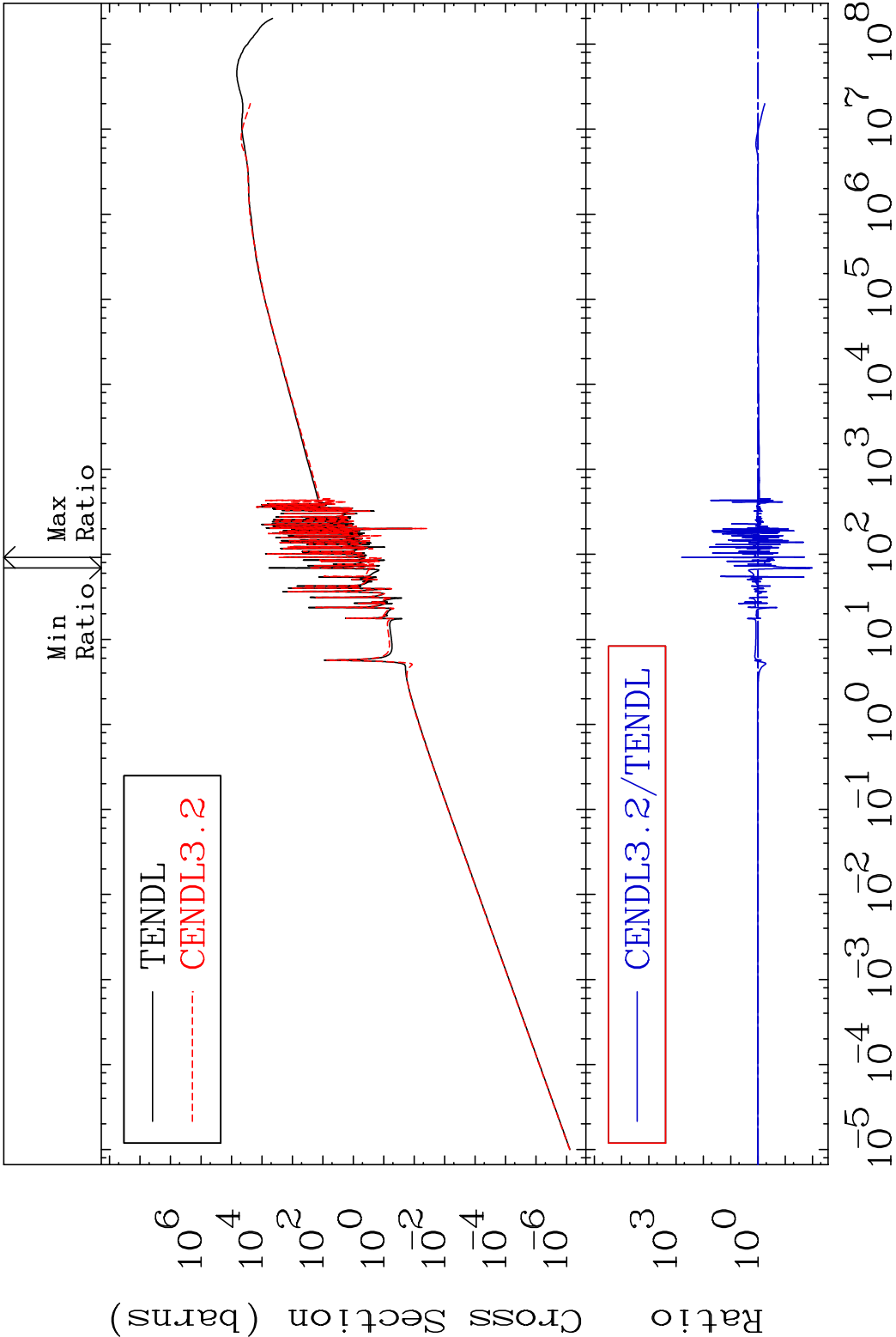




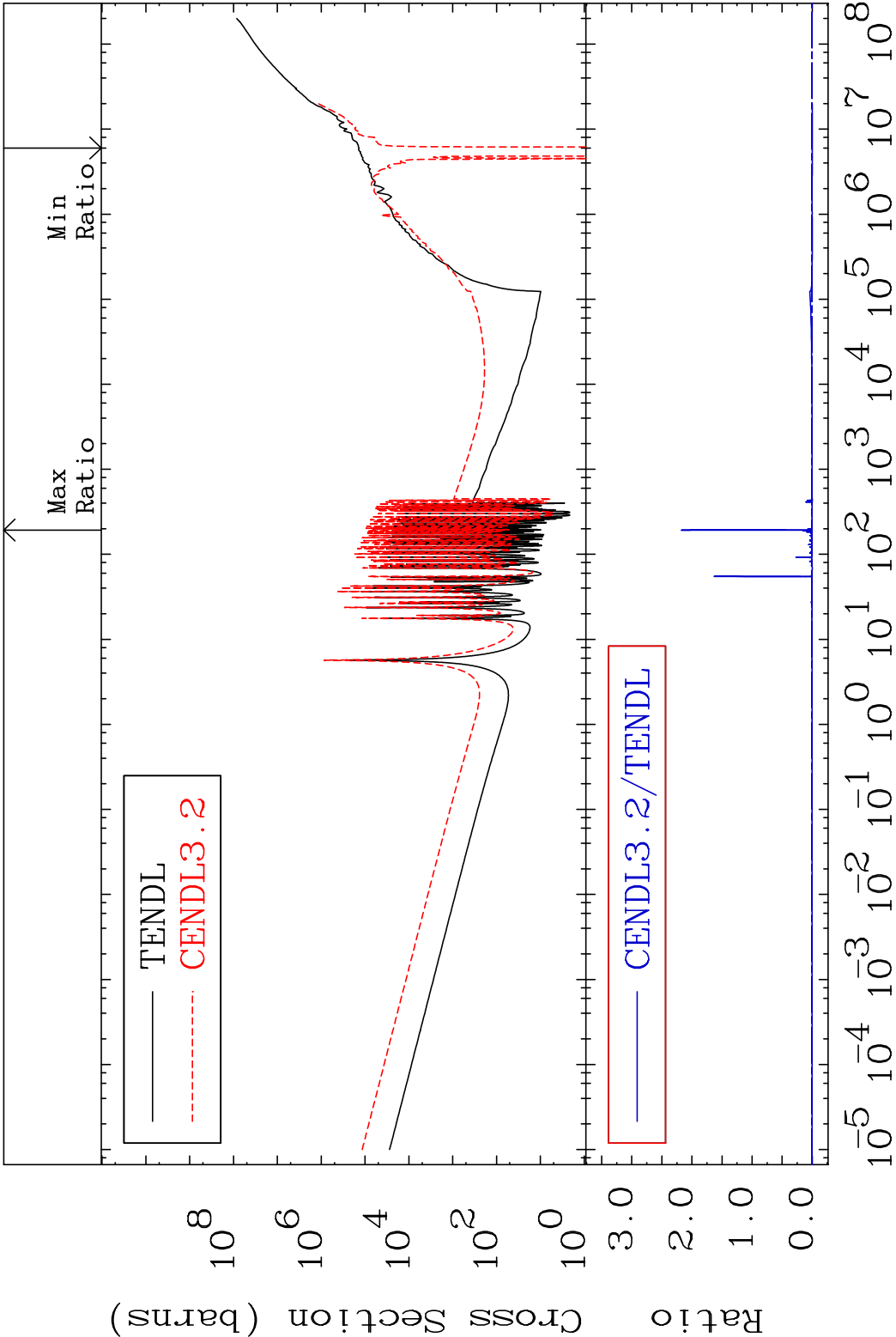




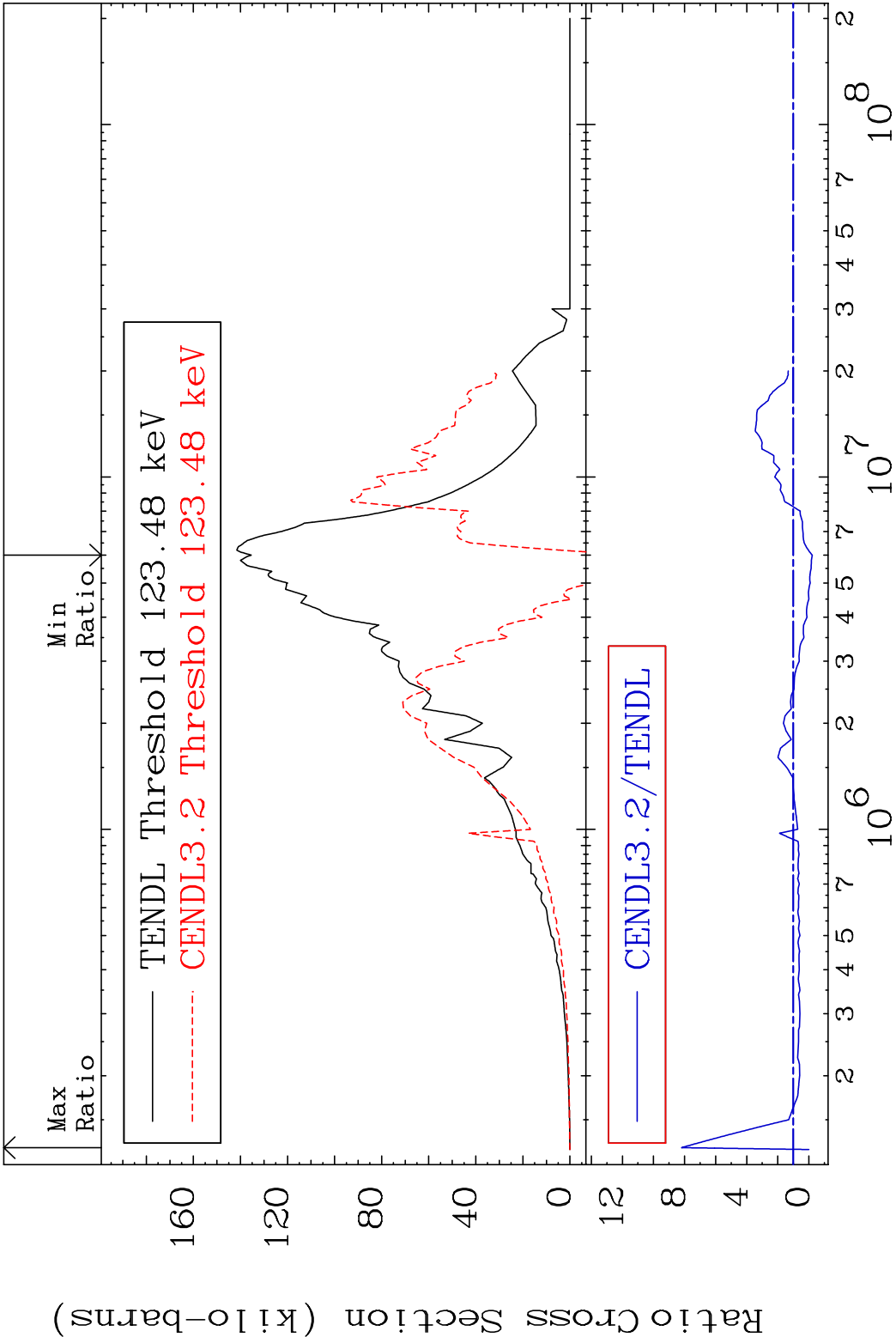
MAT 7240	Kerma elastic	72-Hf-179
	Cross Section	-98.97 To 9999. %



MAT 7240 Kerma non-elastic (all but mt2) 72-Hf-179
Cross Section -121.8 To 9999. %



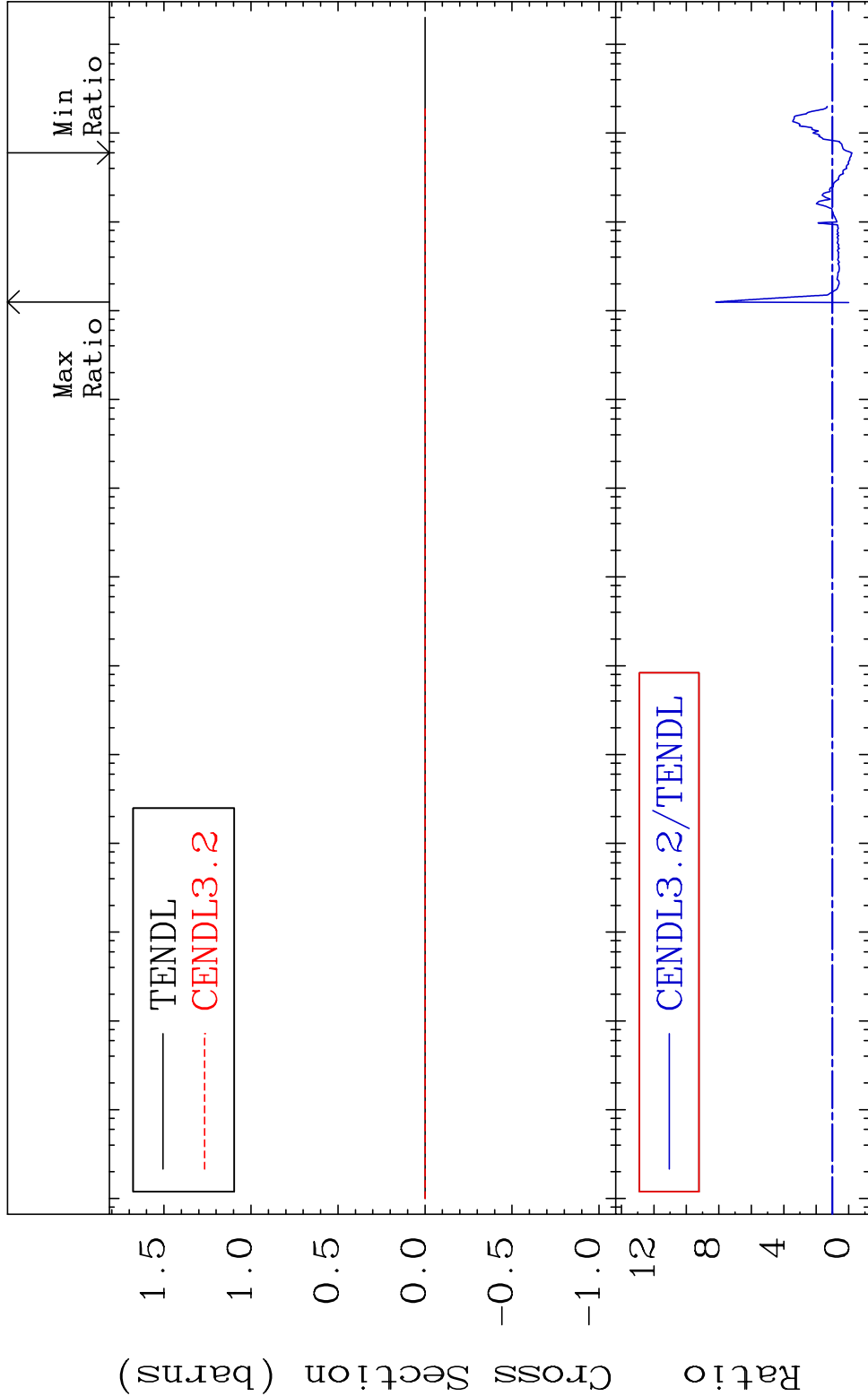
MAT 7240 Kerma inelastic (mt51-91) 72-Hf-179
Cross Section -121.8 To 719.5 %

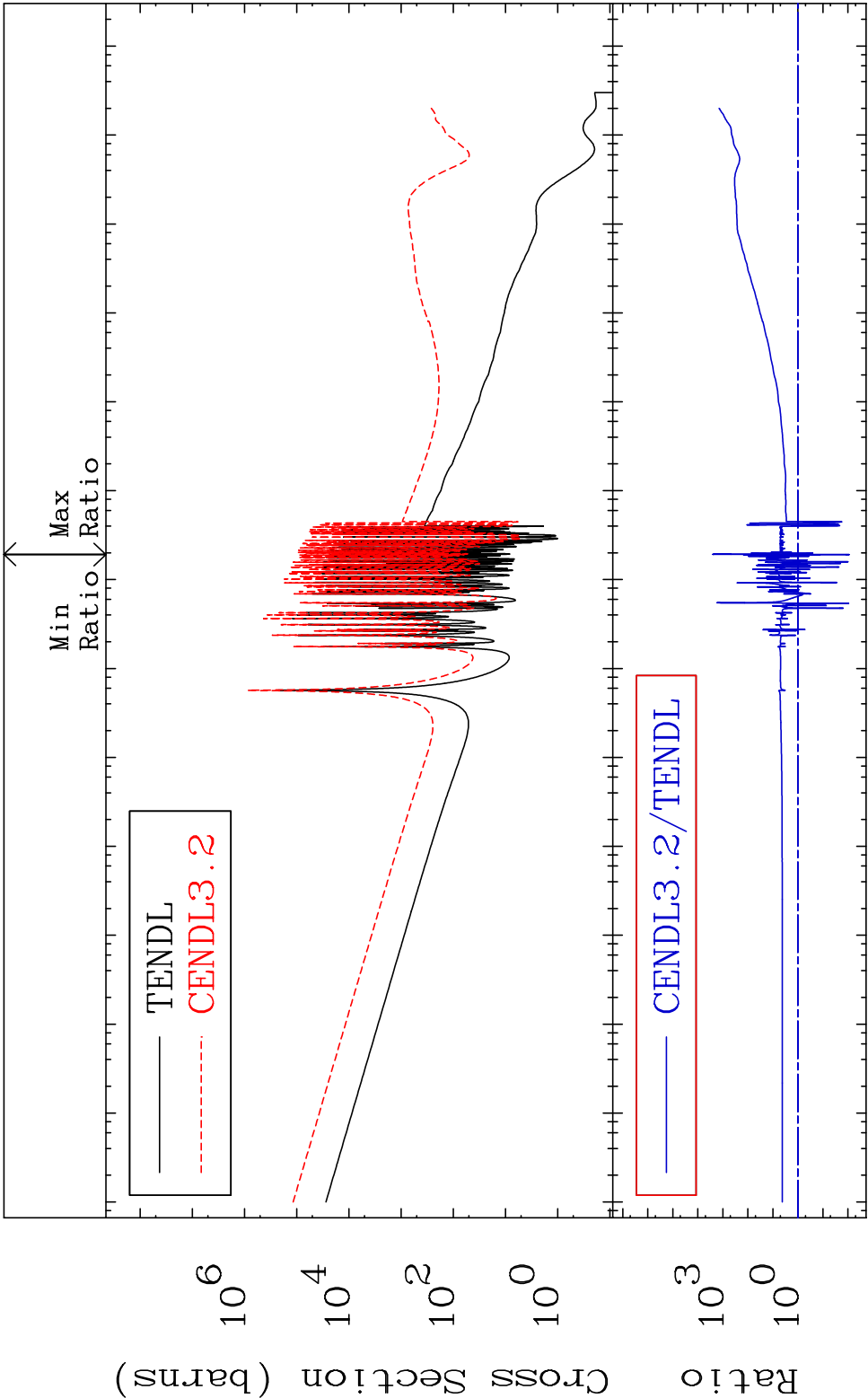


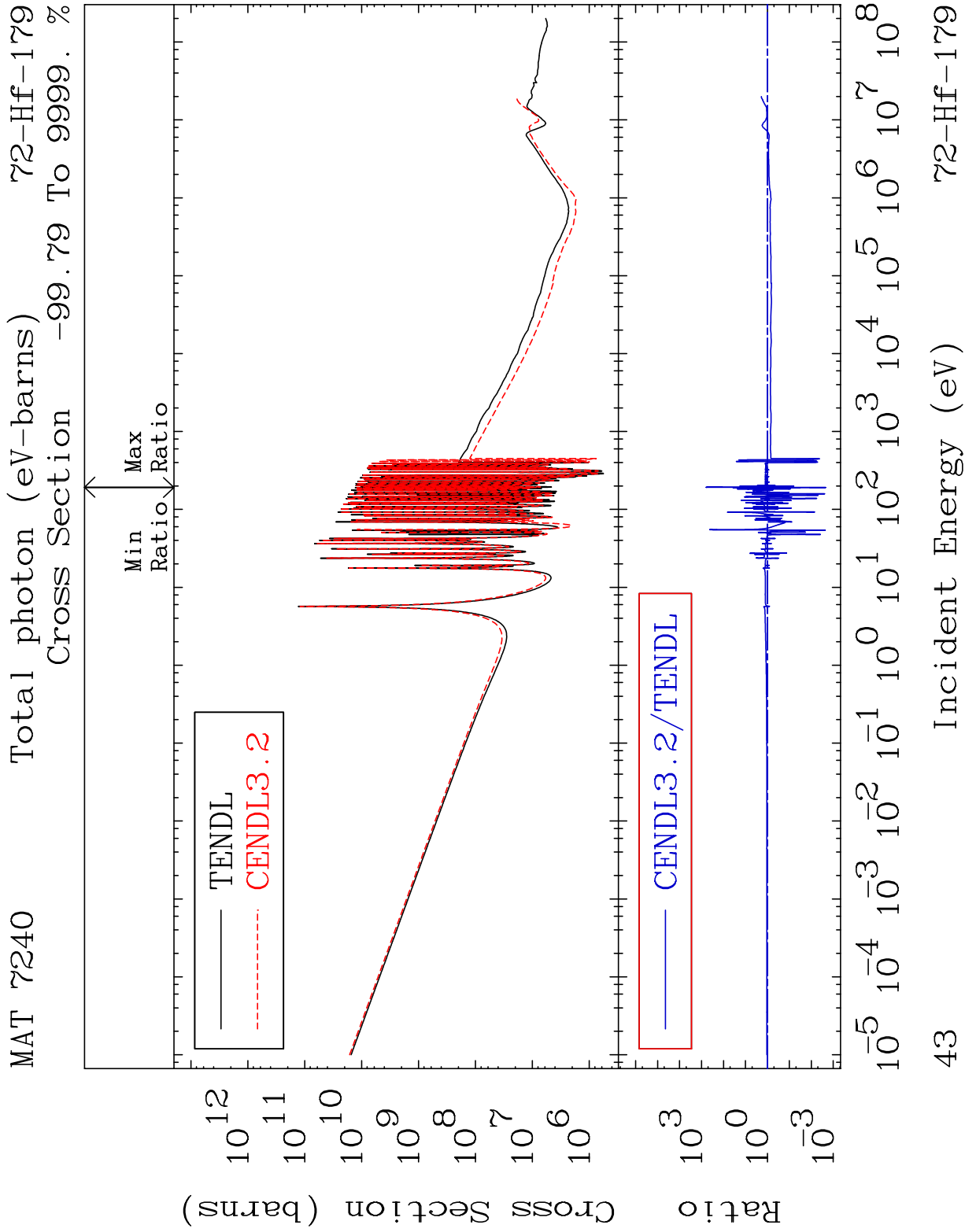
40 Incident Energy (eV) 72-Hf-179

MAT 7240 Kerma fission (mt18 or mt19-20-21-38)72-Hf-179

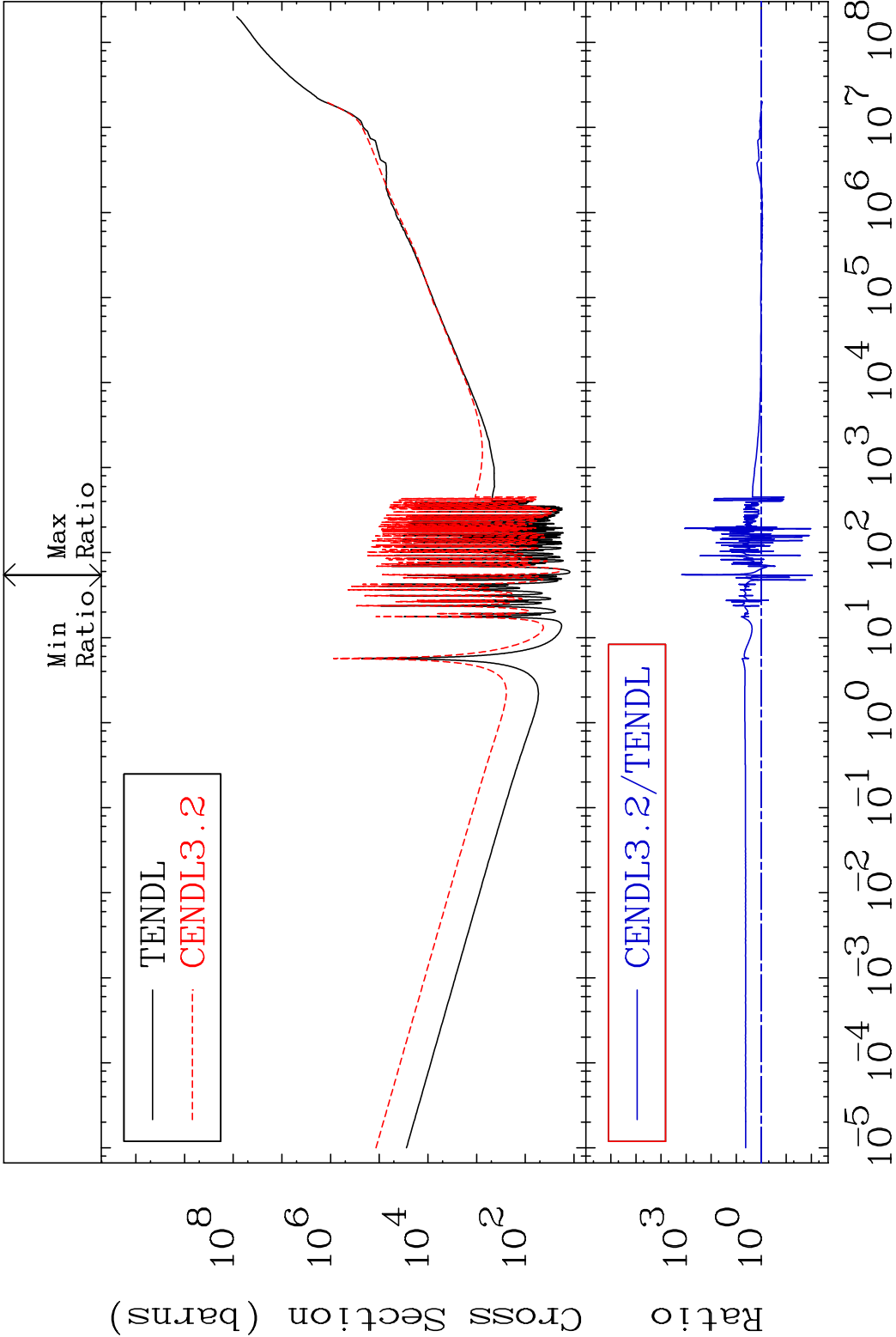
Cross Section -121.8 To 719.5 %

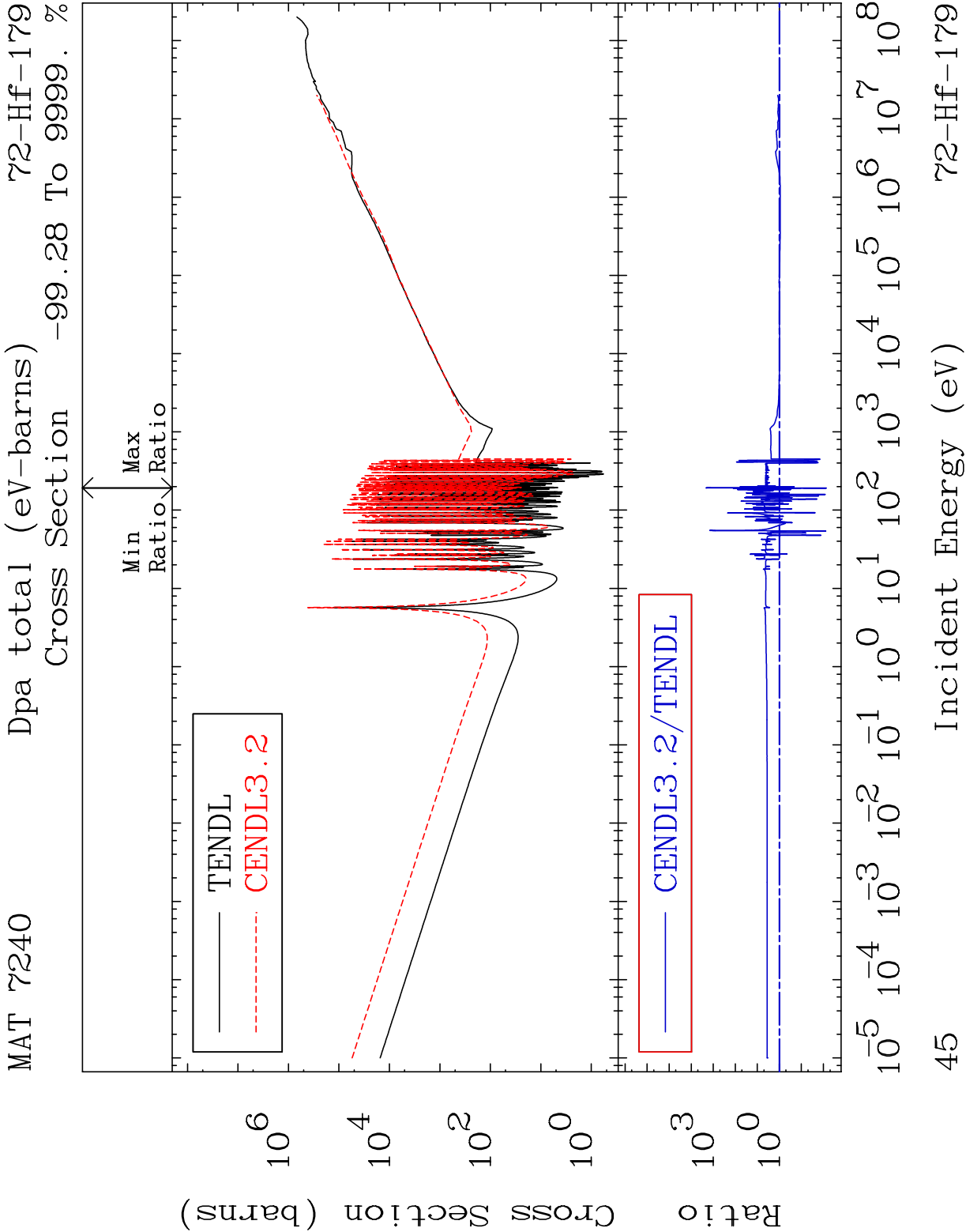


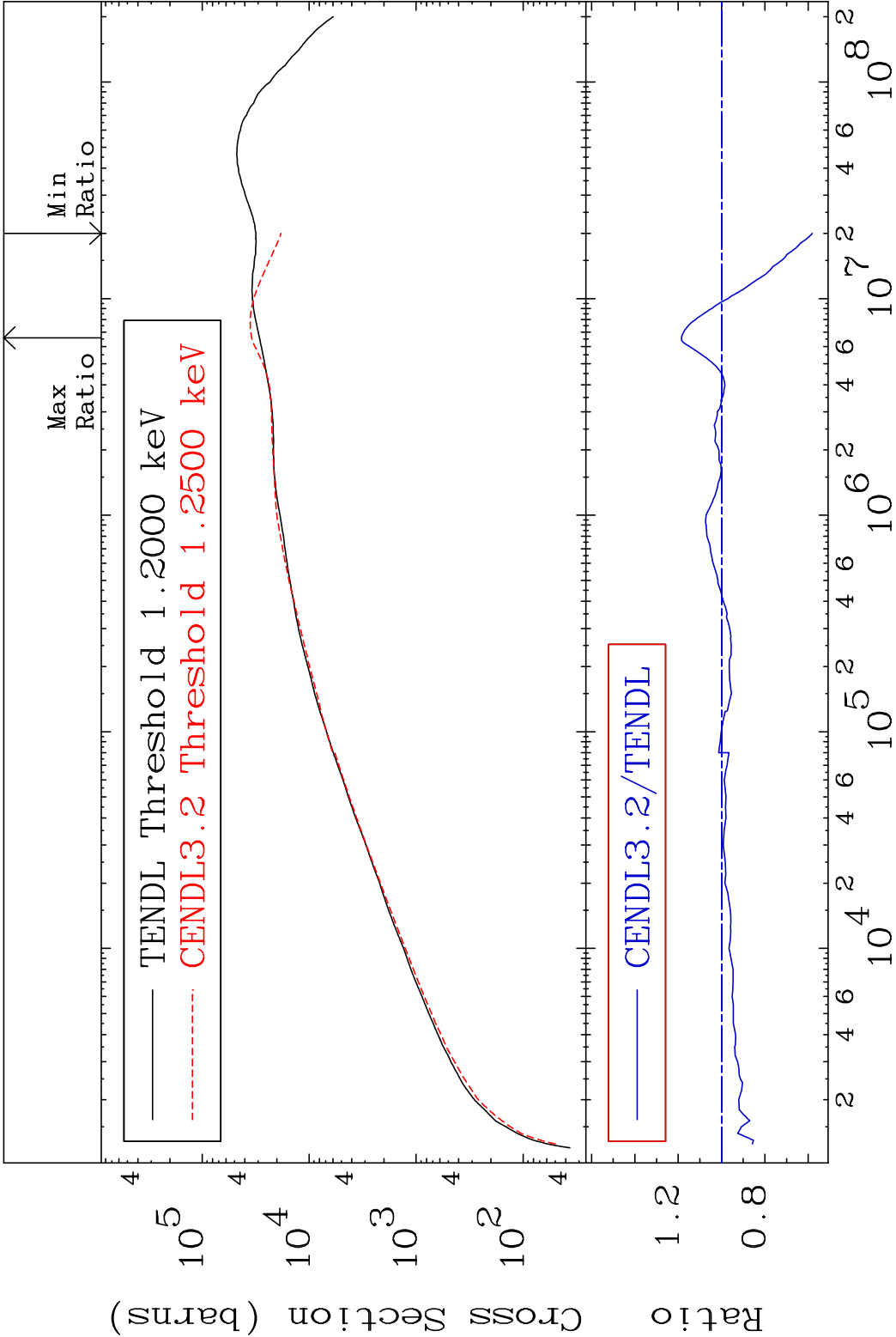


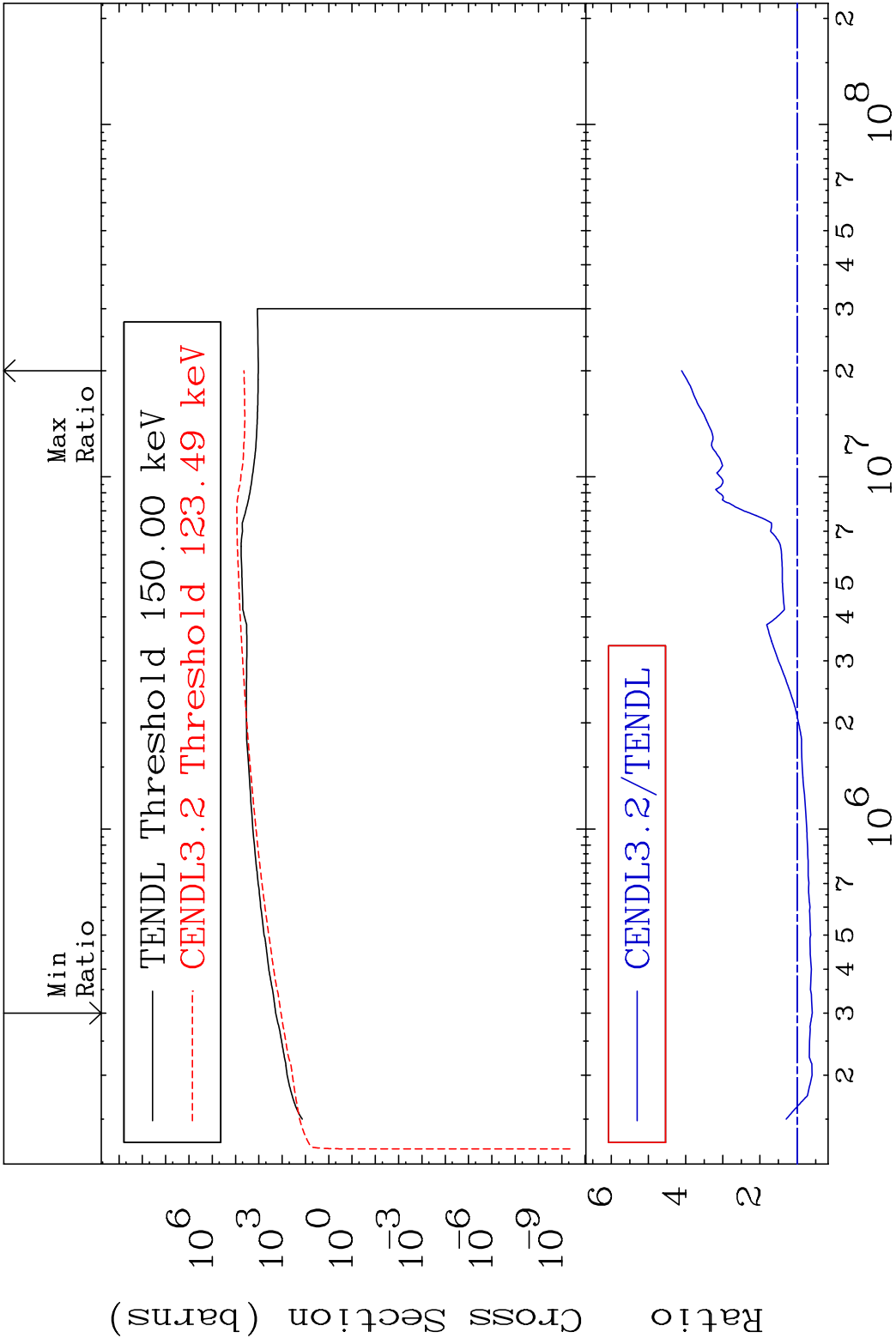


MAT 7240 Total kinematic kerma (high limit) 72-Hf-179
Cross Section -99.08 To 9999. %

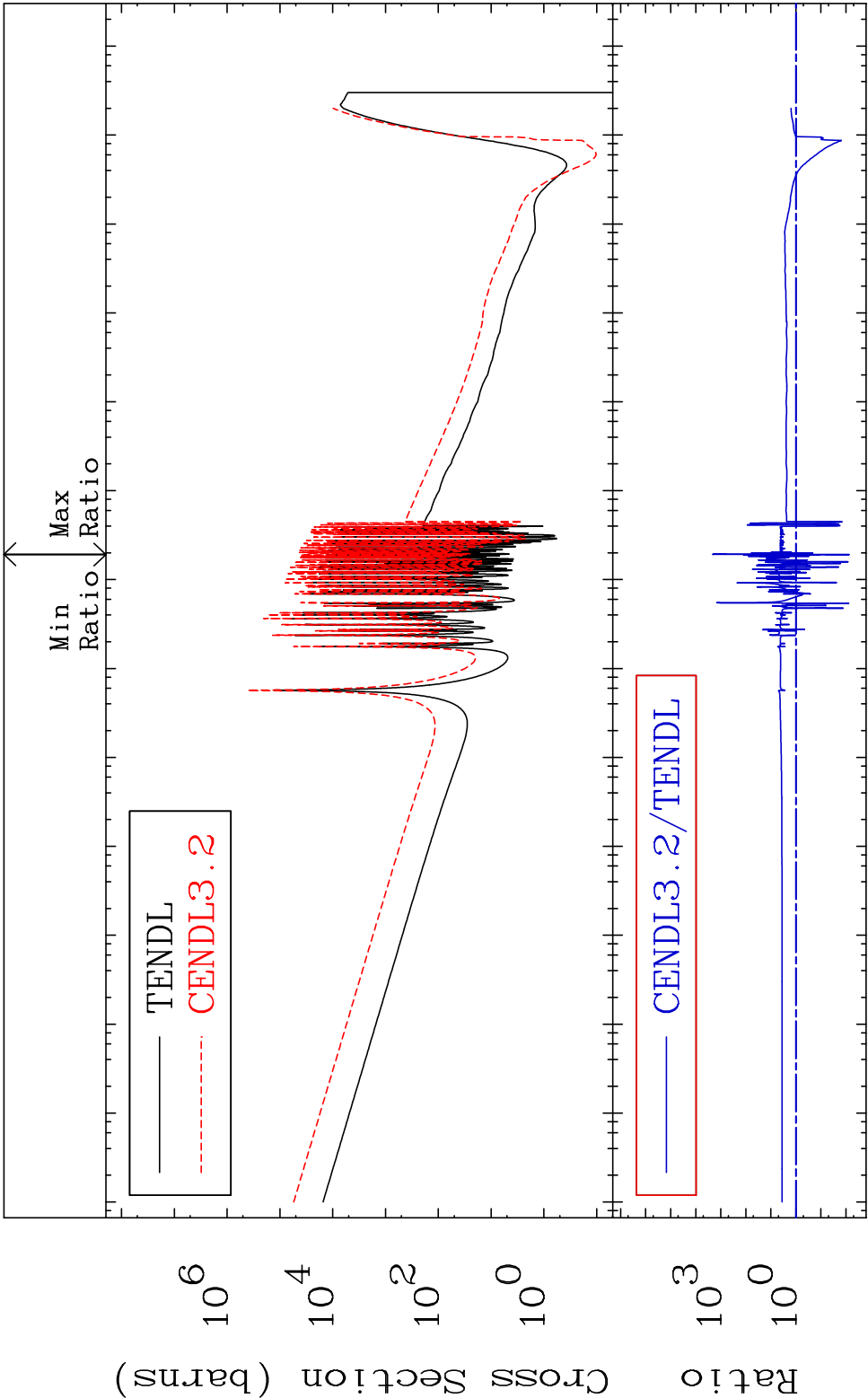




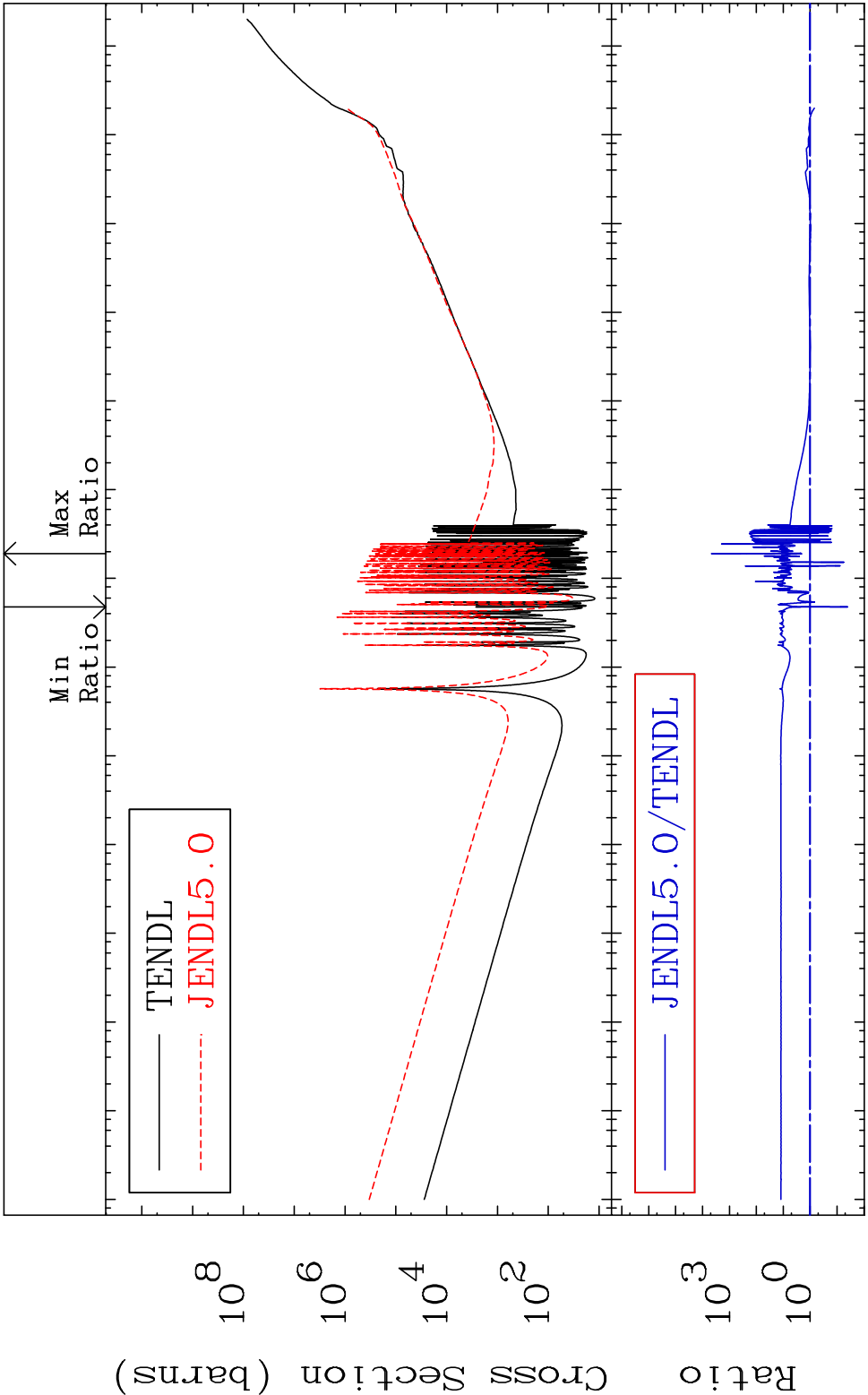




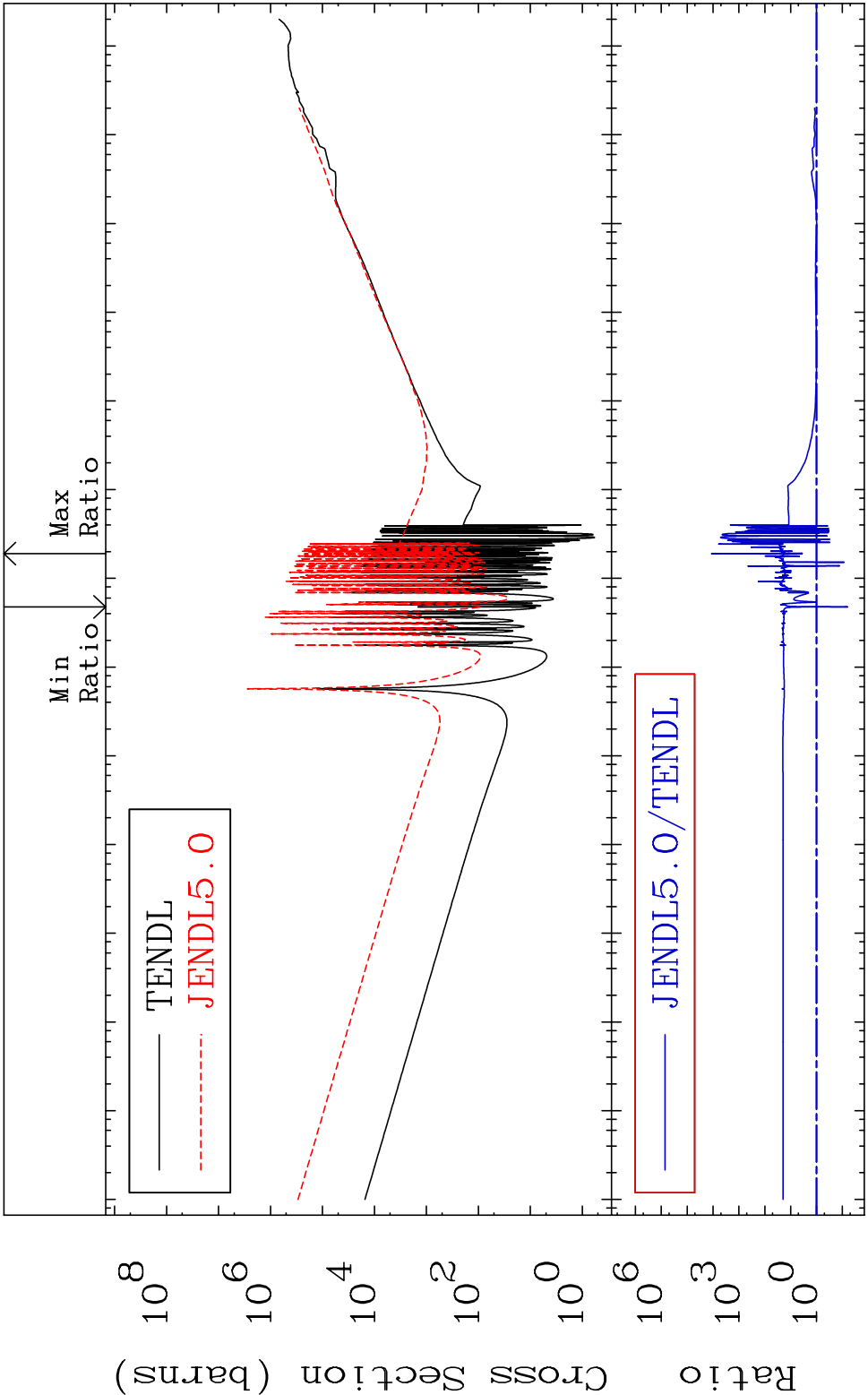
MAT 7240 Dpa disappearance (mt102 -120) 72-Hf-179
 Cross Section -99.28 To 9999. %

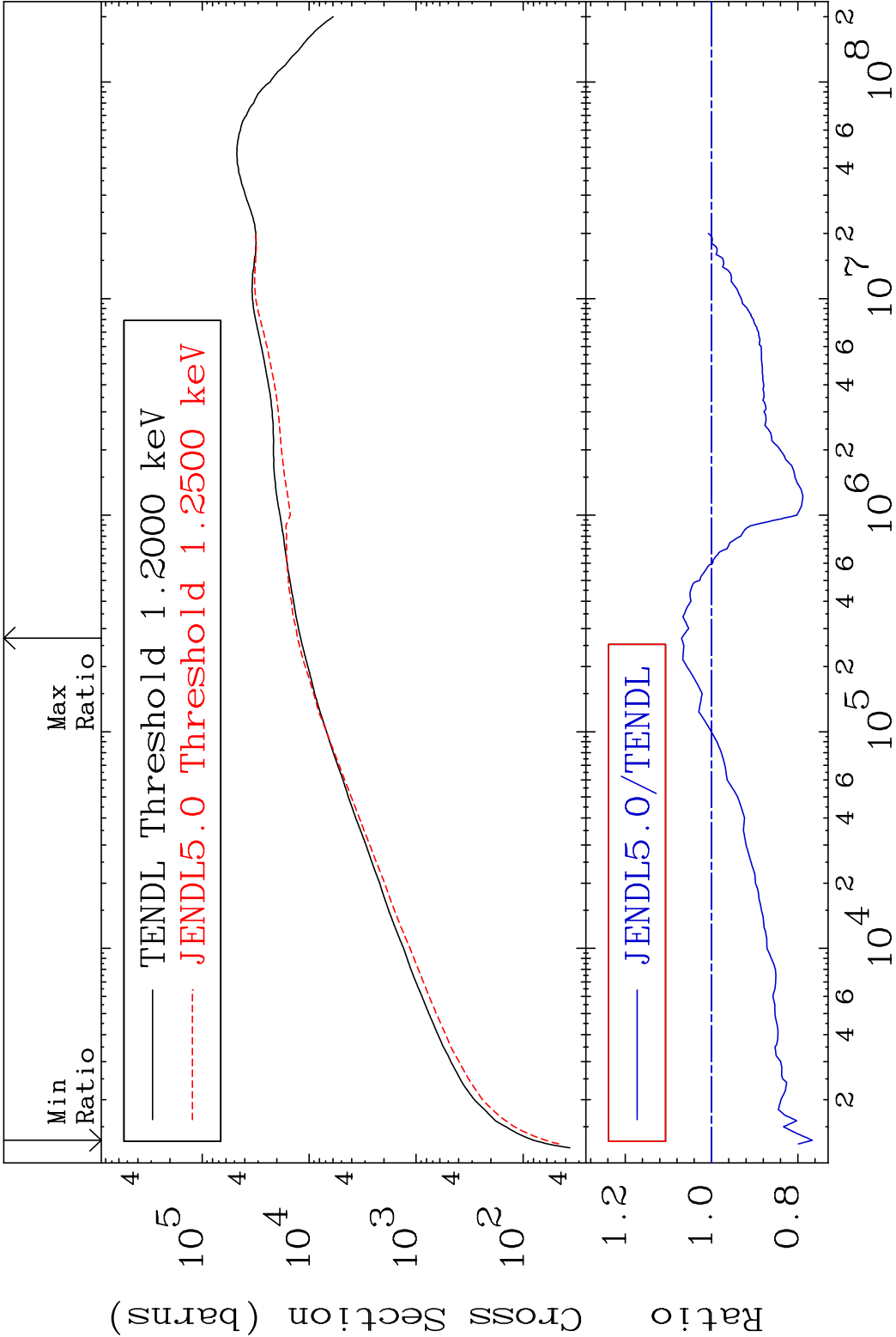


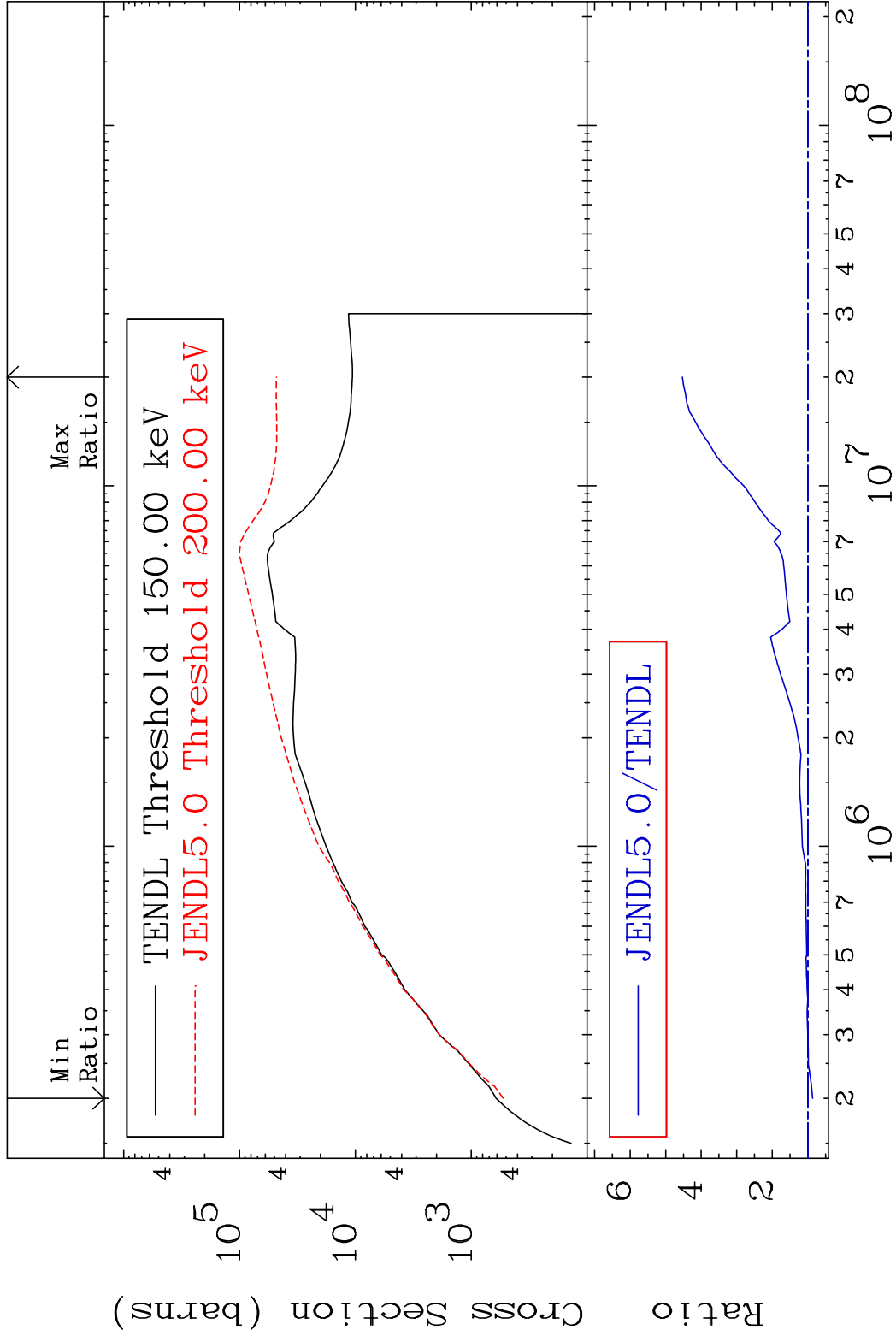
MAT 7240 Total kinematic kerma (high limit) 72-Hf-179
Cross Section -96.00 To 9999. %



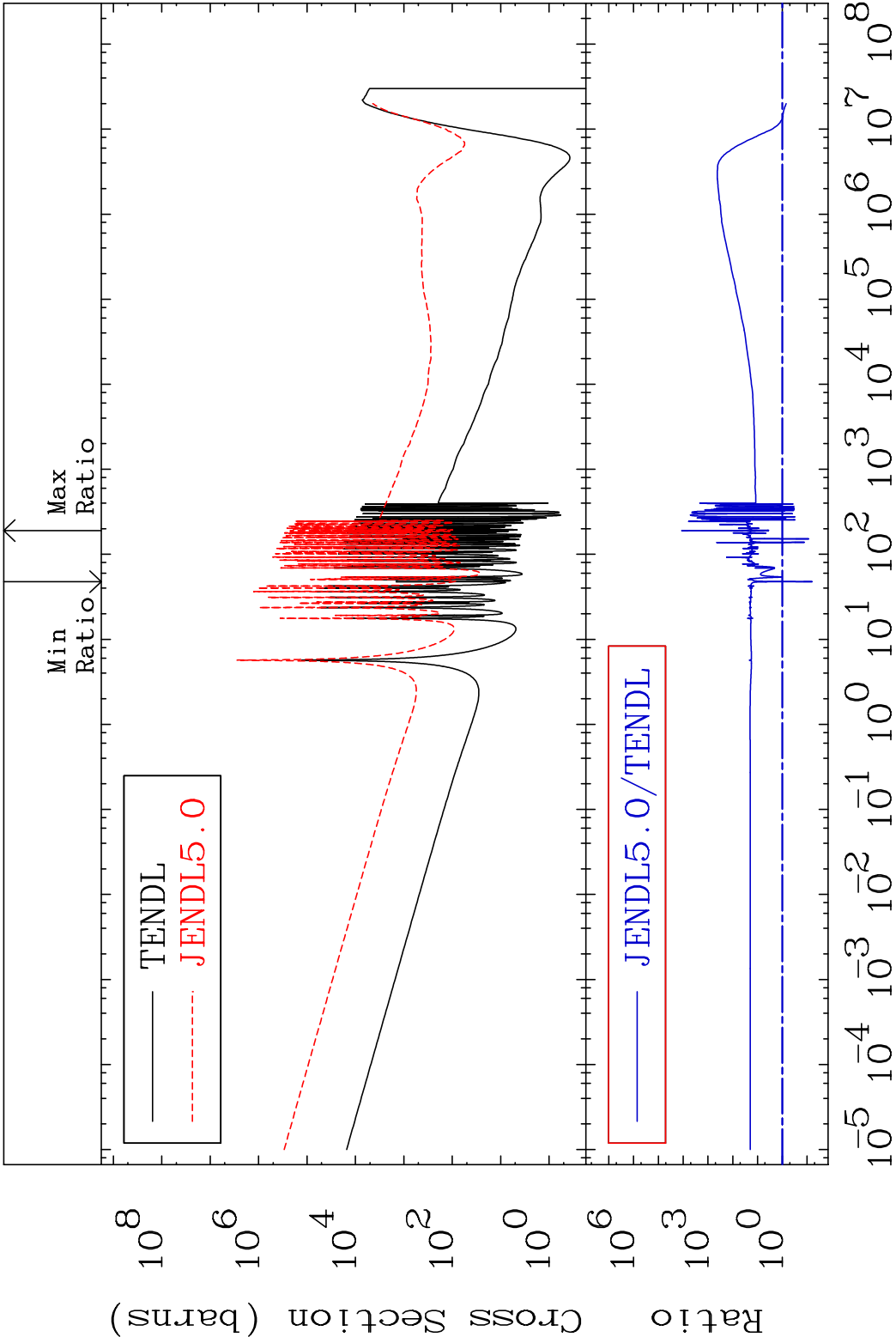
MAT 7240 Dpa total (eV-barns) 72-Hf-179
Cross Section -93.78 To 9999. %



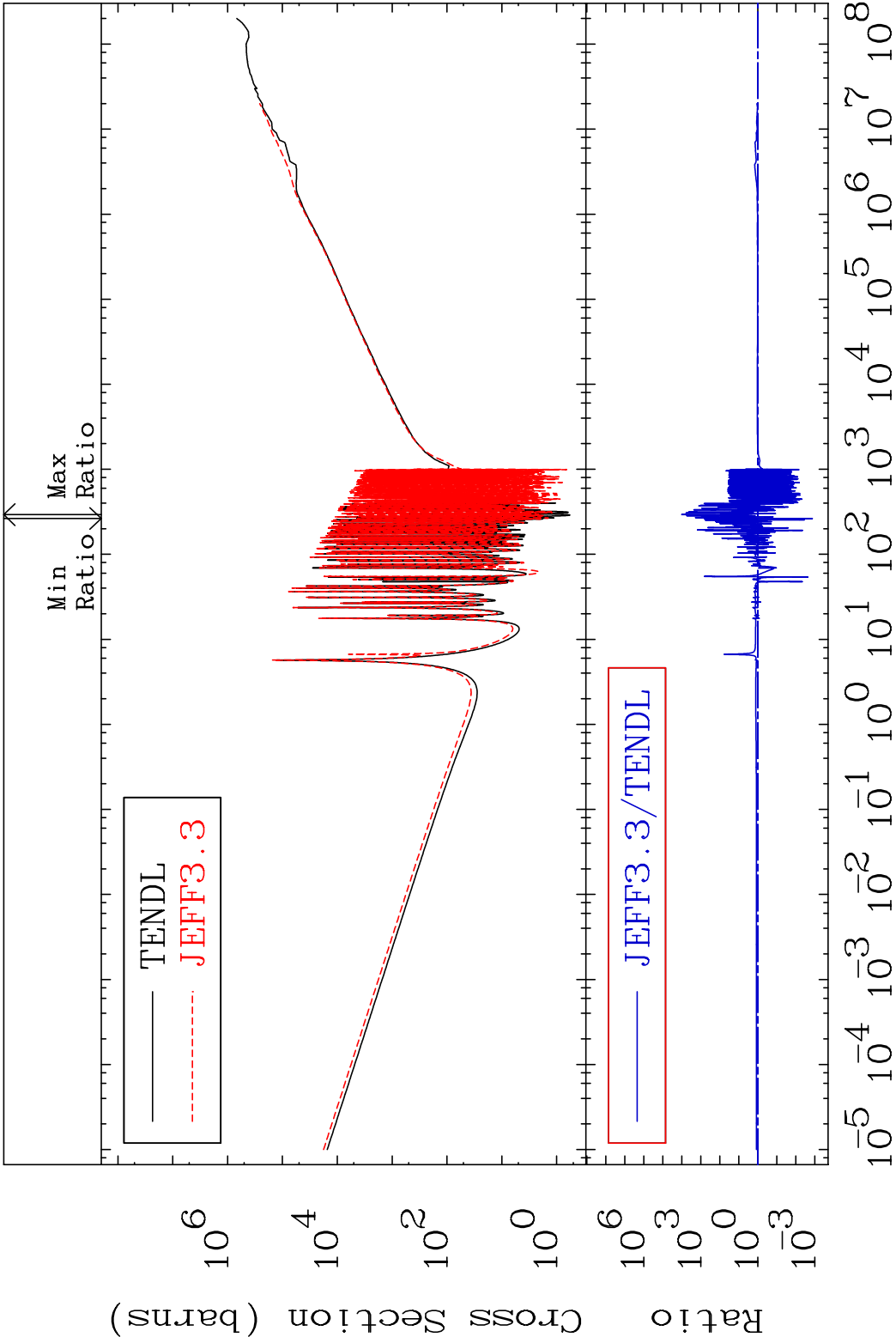


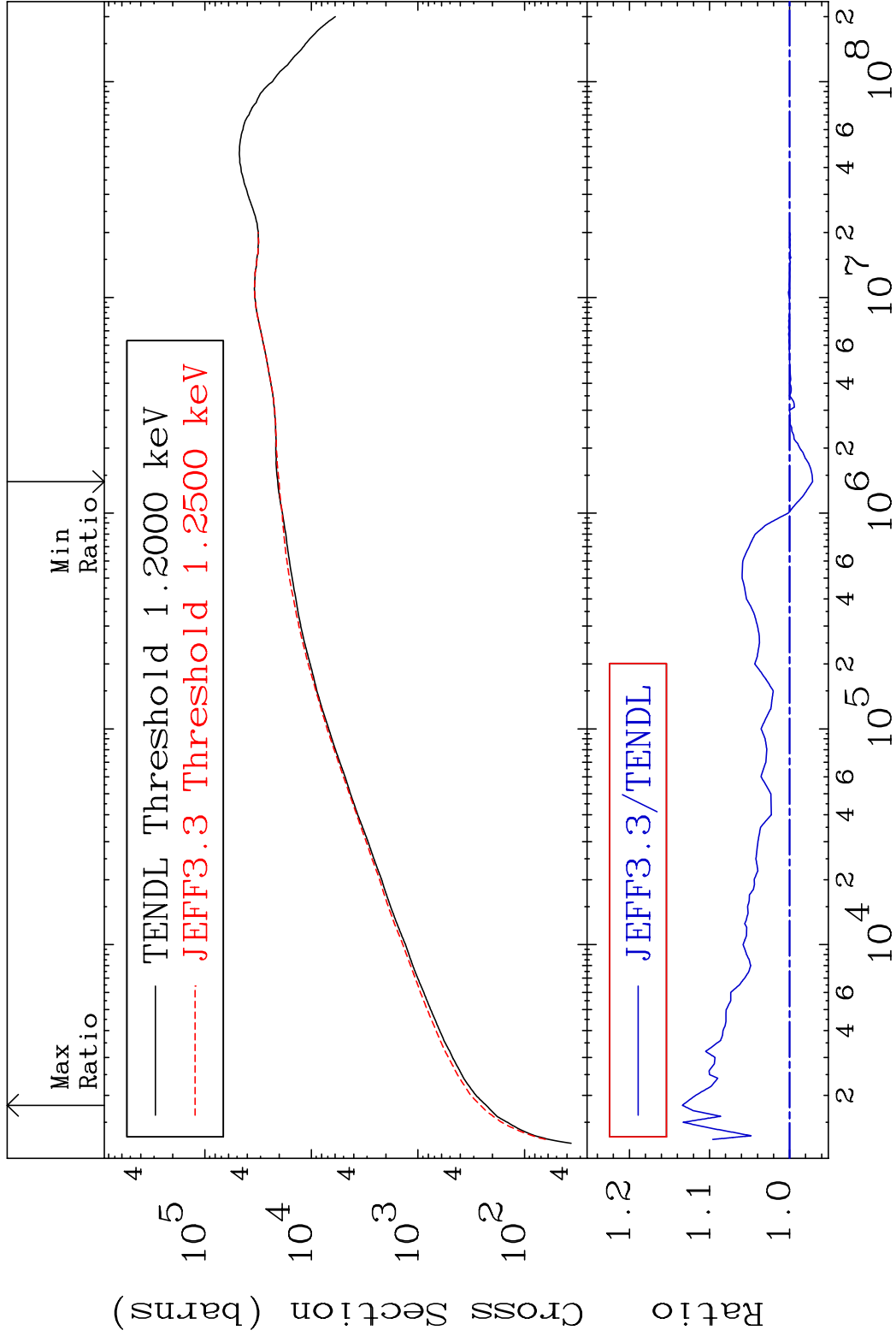


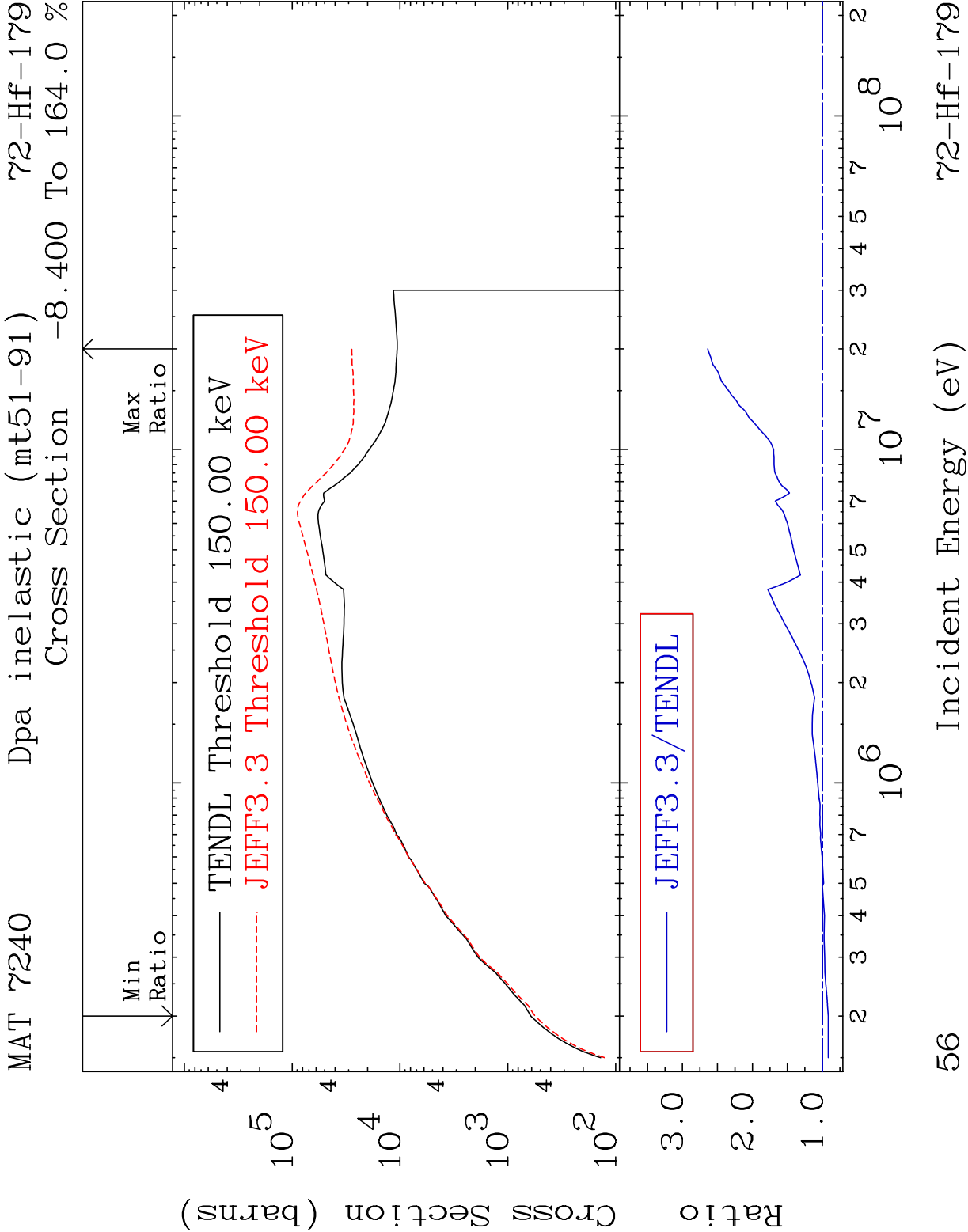
MAT 7240 Dpa disappearance (mt102 -120) 72-Hf-179
Cross Section -93.78 To 9999. %



MAT 7240 Dpa total (eV-barns) 72-Hf-179
Cross Section -99.86 To 9999. %







MAT 7240 Dpa disappearance (mt102 -120) 72-Hf-179
Cross Section -99.86 To 9999. %

