

Program Complot
(Version 2021-1)

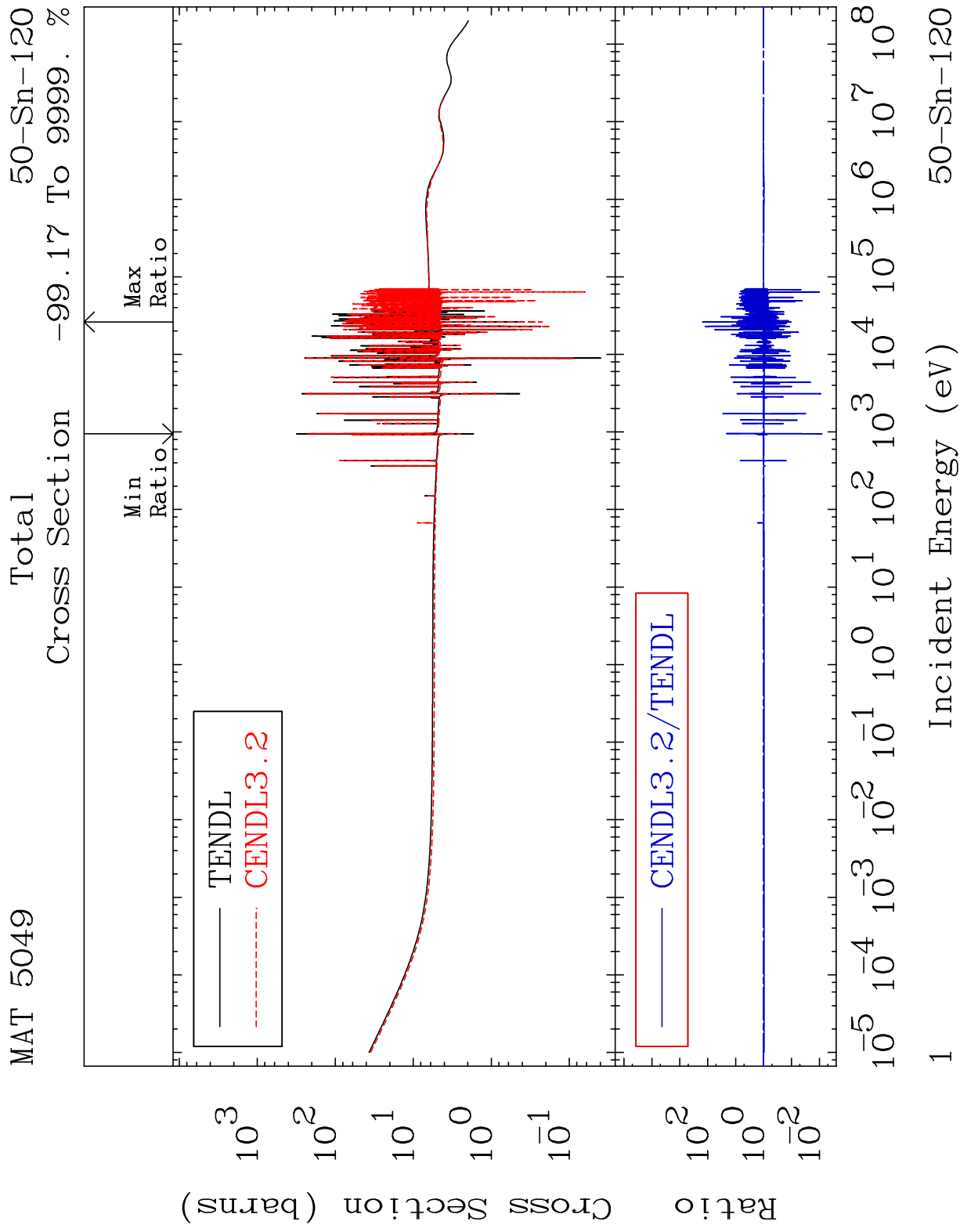
by

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Press Mouse Button to Start

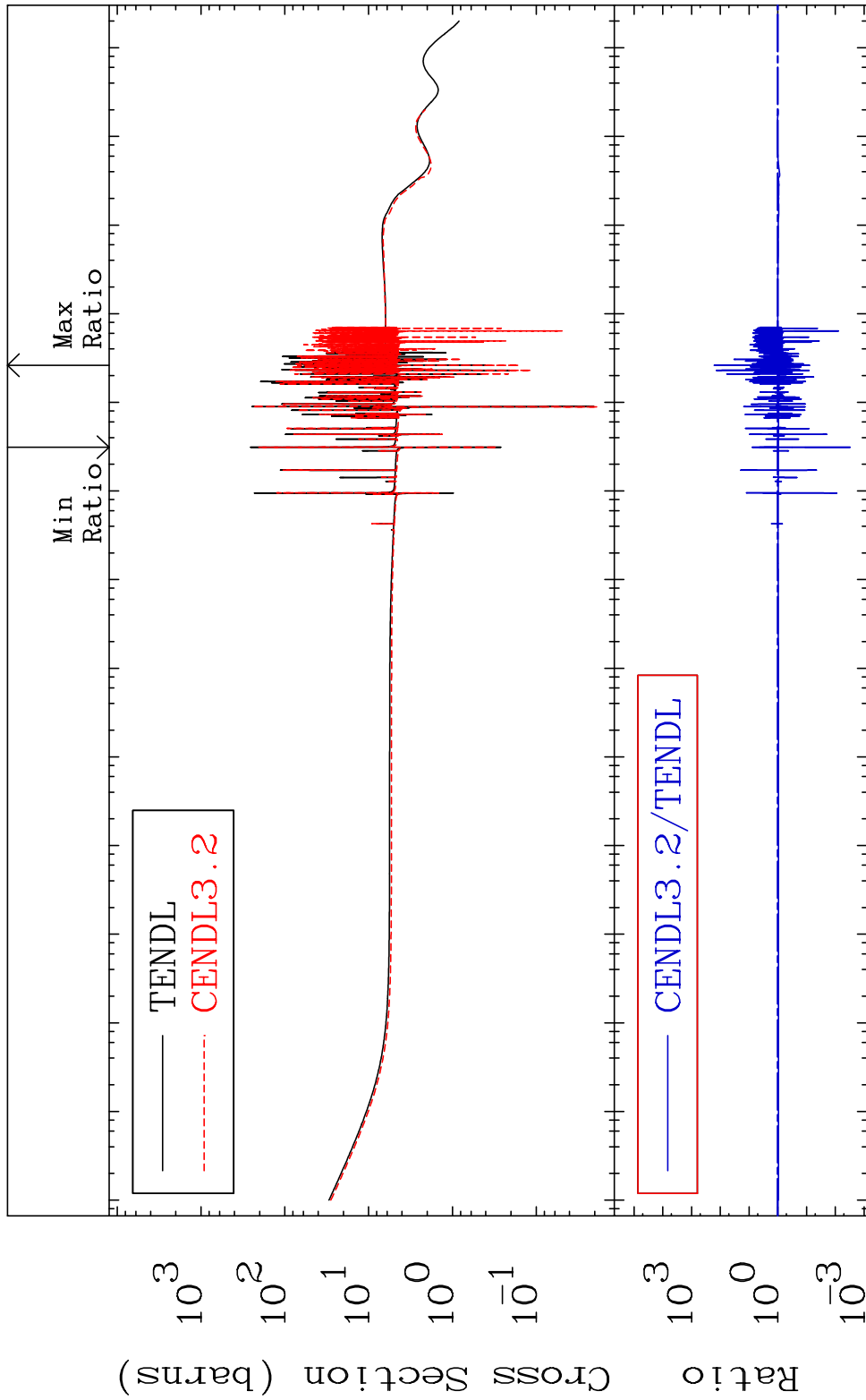


MAT 5049

Elastic

50-Sn-120

Cross Section -99.70 To 9999. %

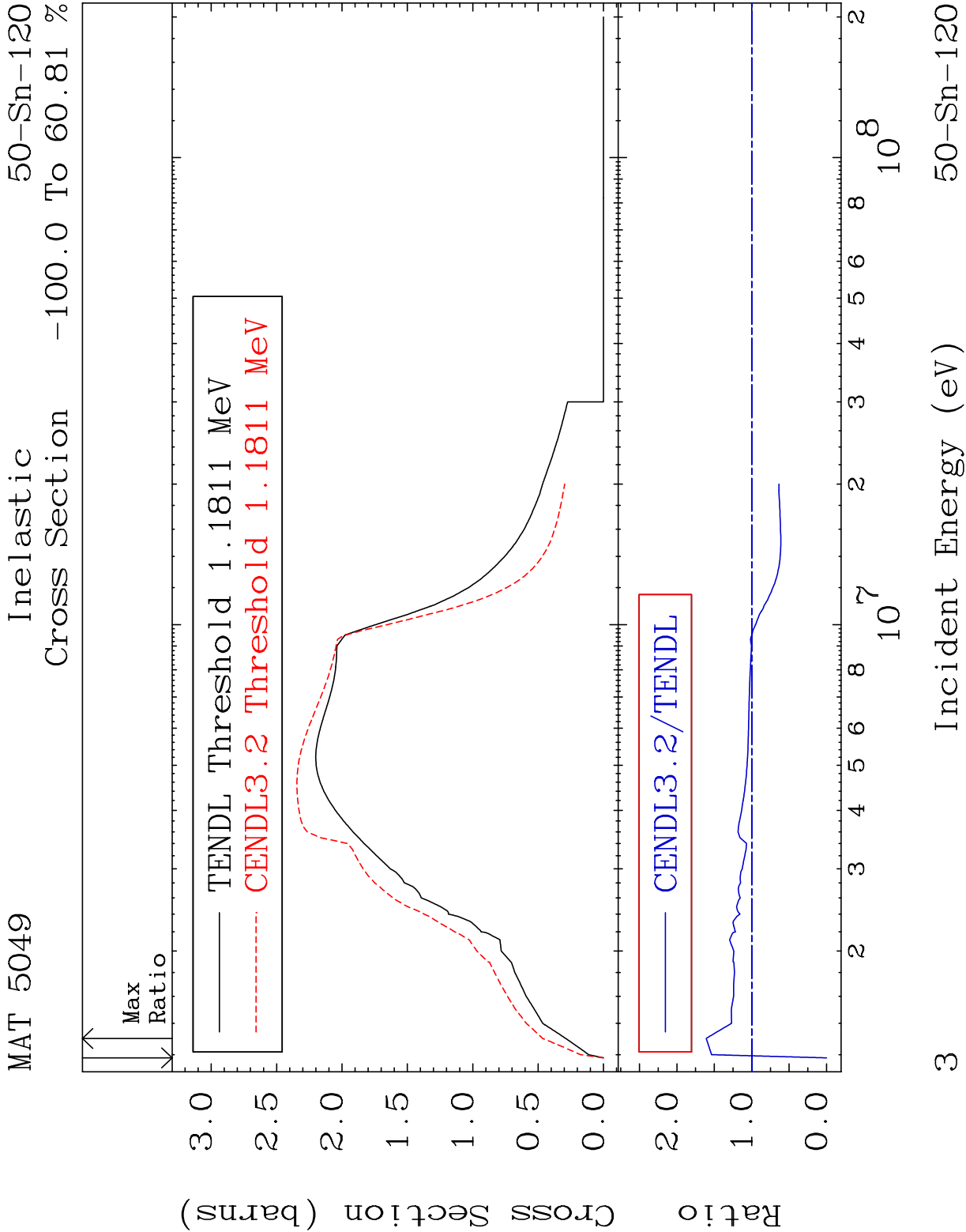


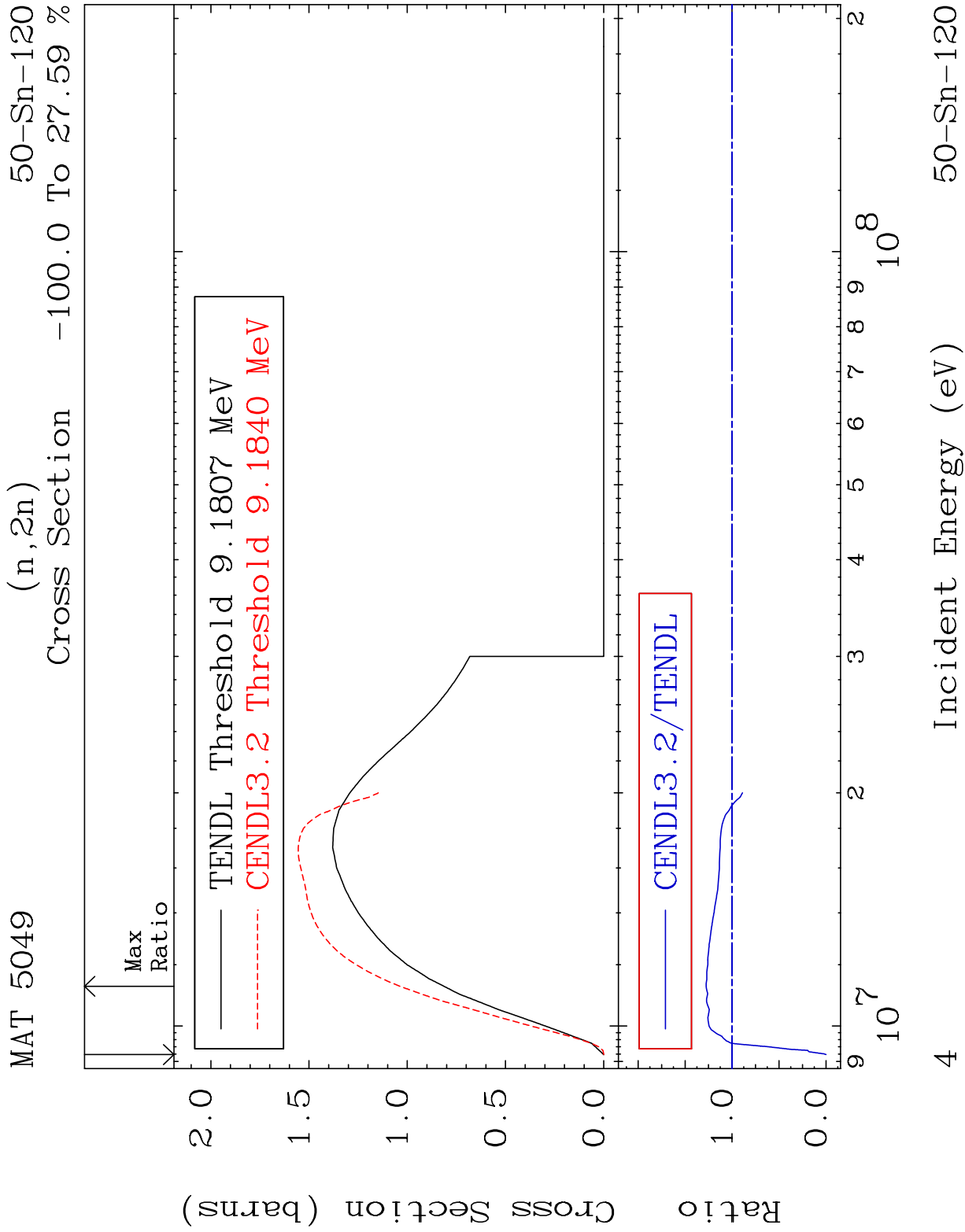
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

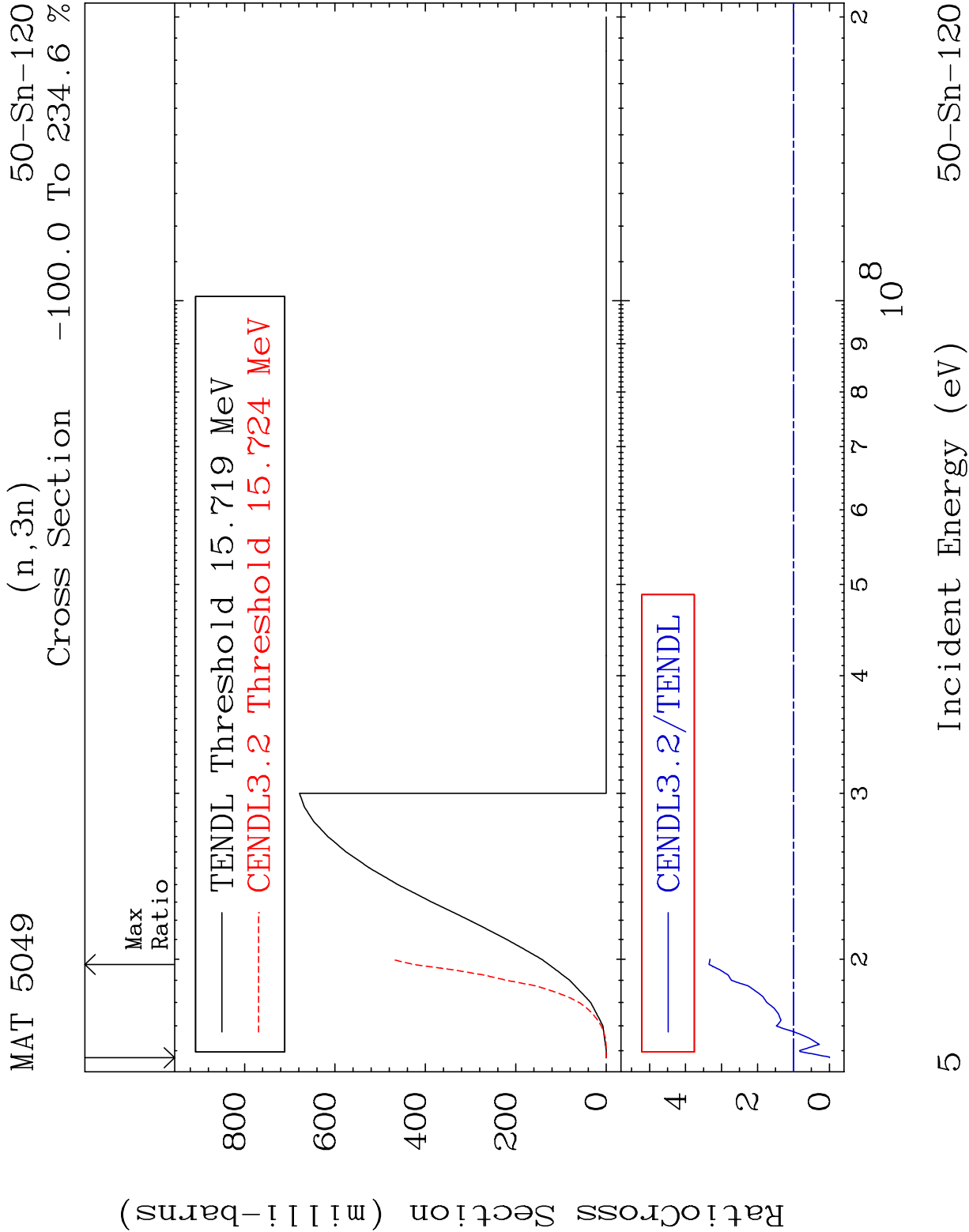
2

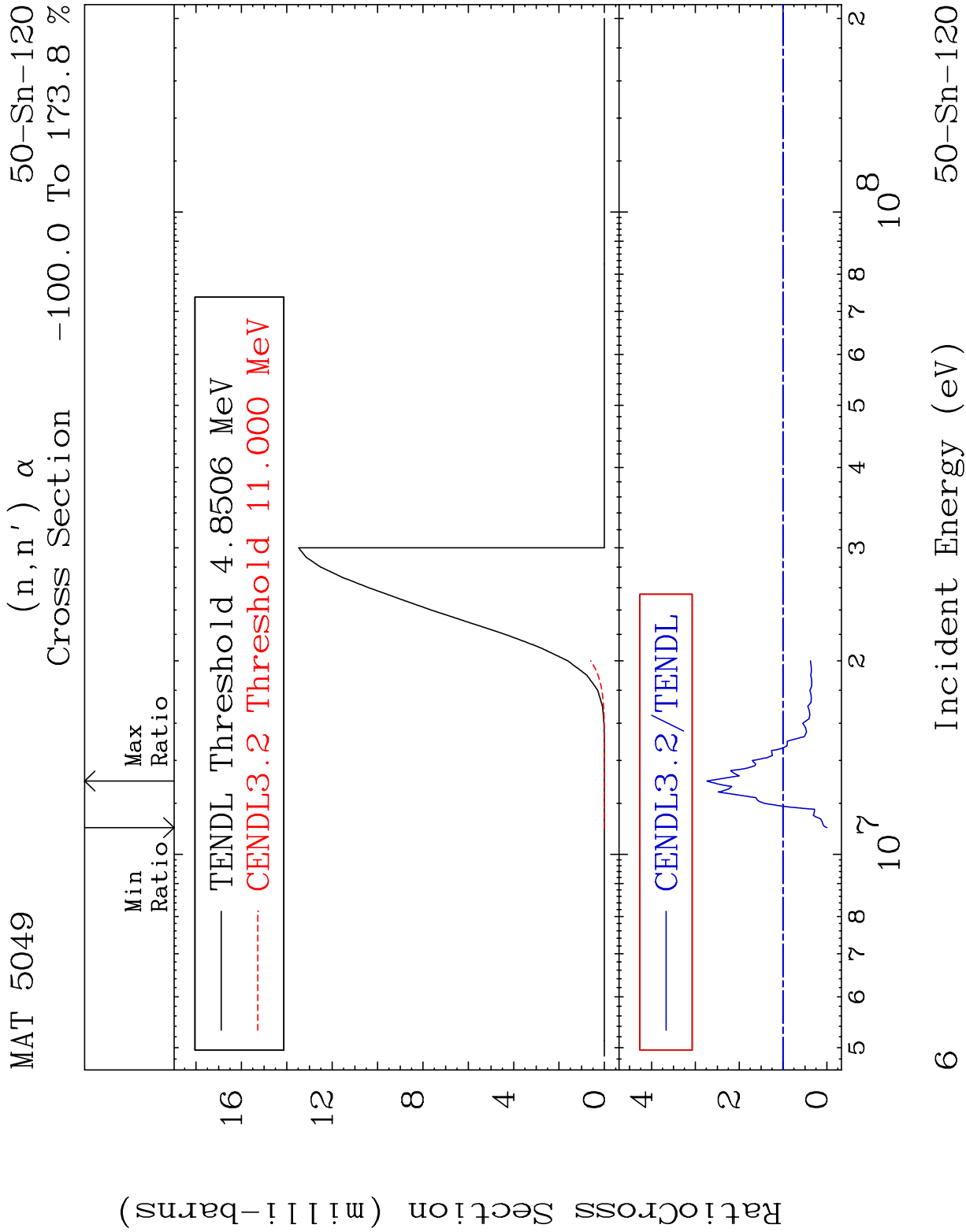
Incident Energy (eV)

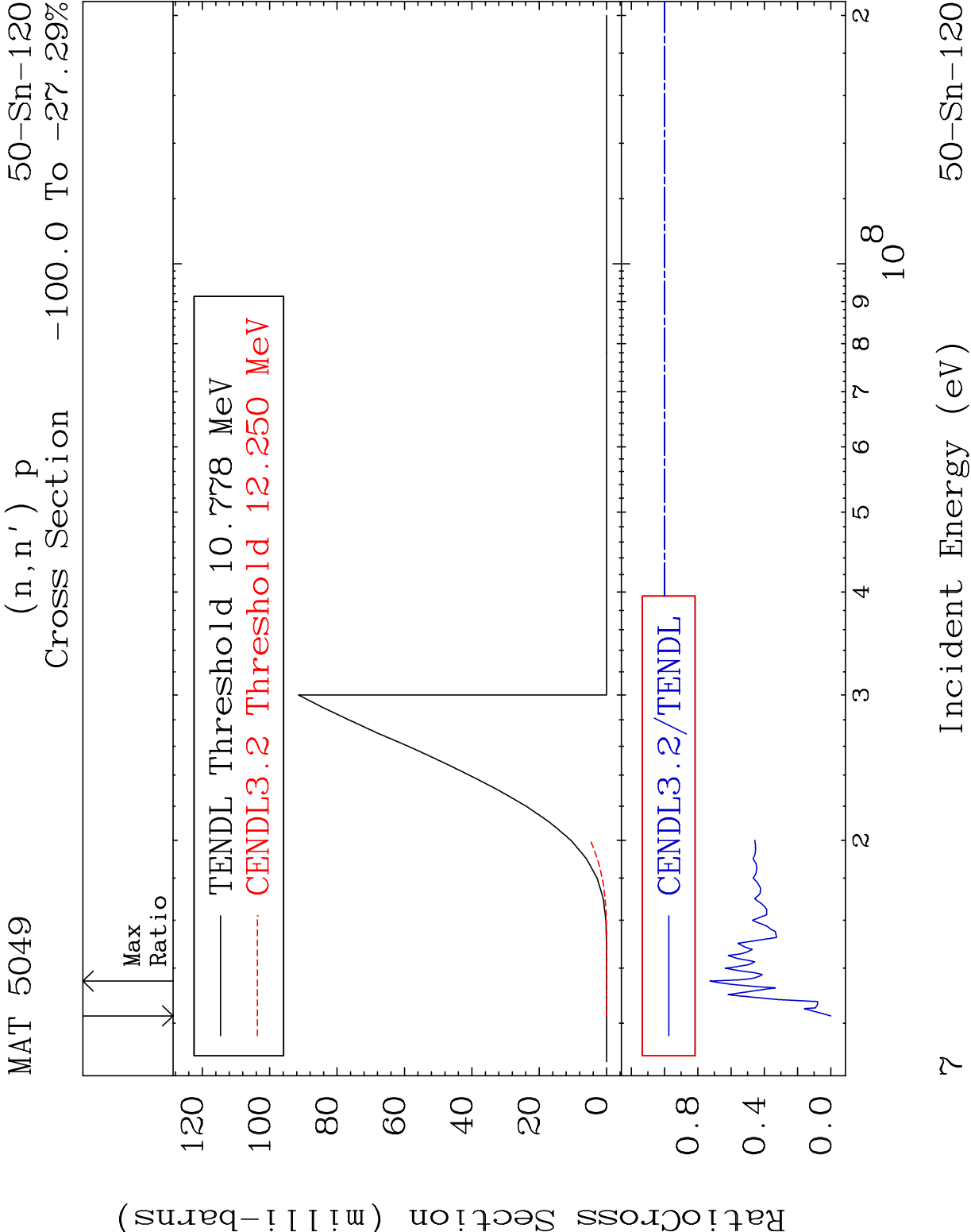
50-Sn-120









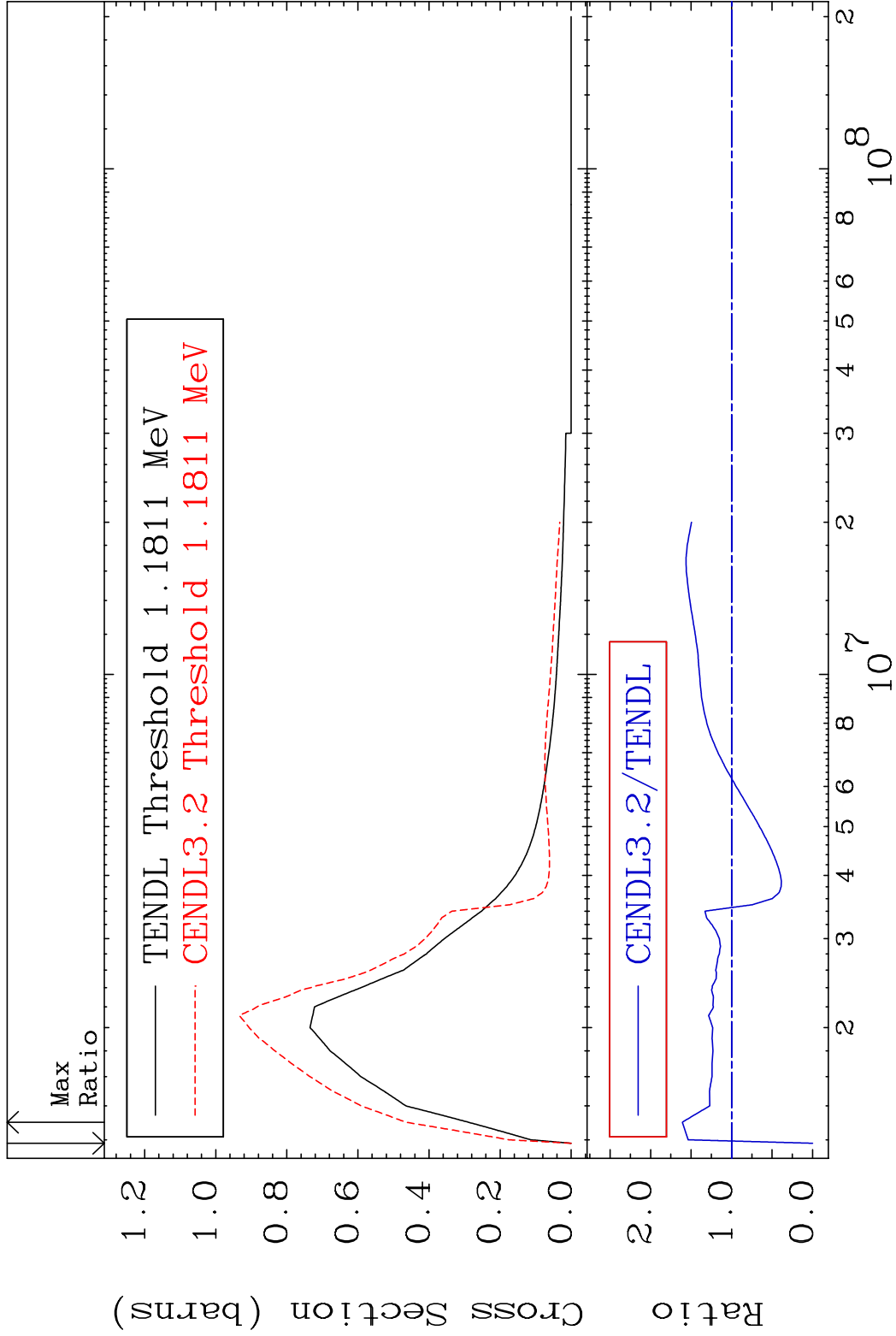


7

Incident Energy (eV)

50-Sn-120

MAT 5049 MT= 51 (n,n') Level 50-Sn-120
Cross Section -100.0 To 60.81 %

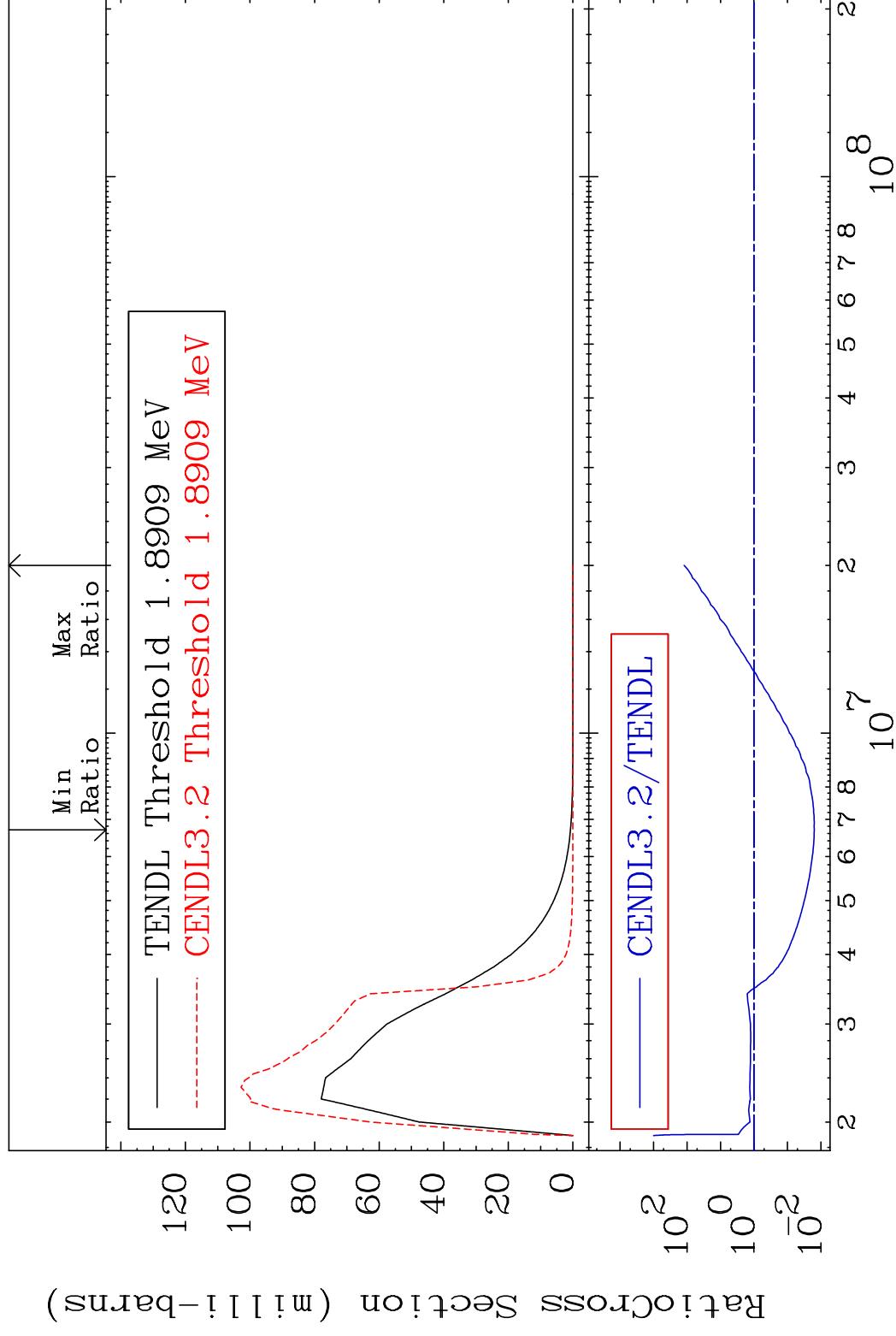


MAT 5049

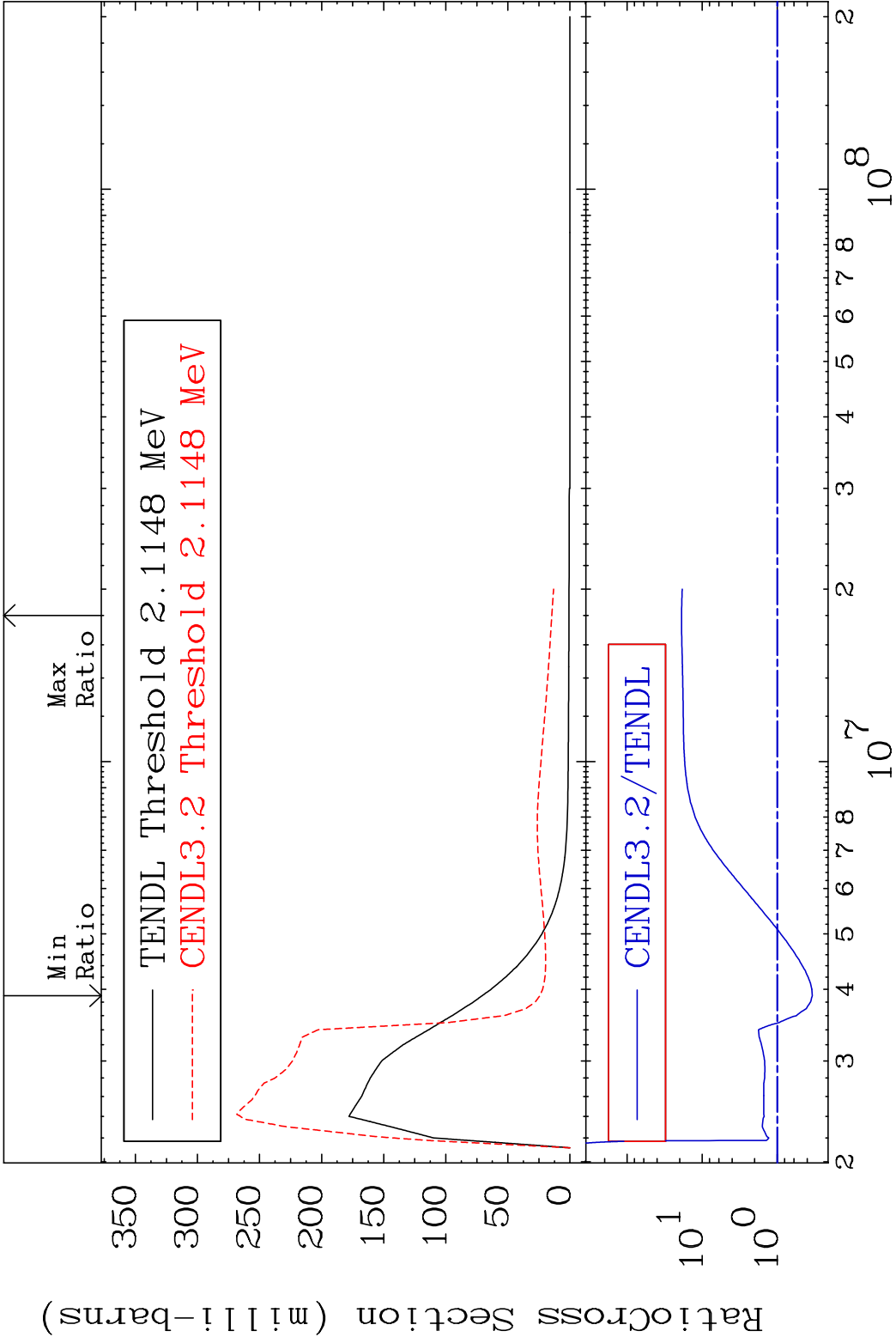
MT= 52 (n, n') Level

50-Sn-120

Cross Section -98.42 To 9999. %



MAT 5049 MT= 53 (n,n') Level 50-Sn-120
Cross Section -65.77 To 1787. %



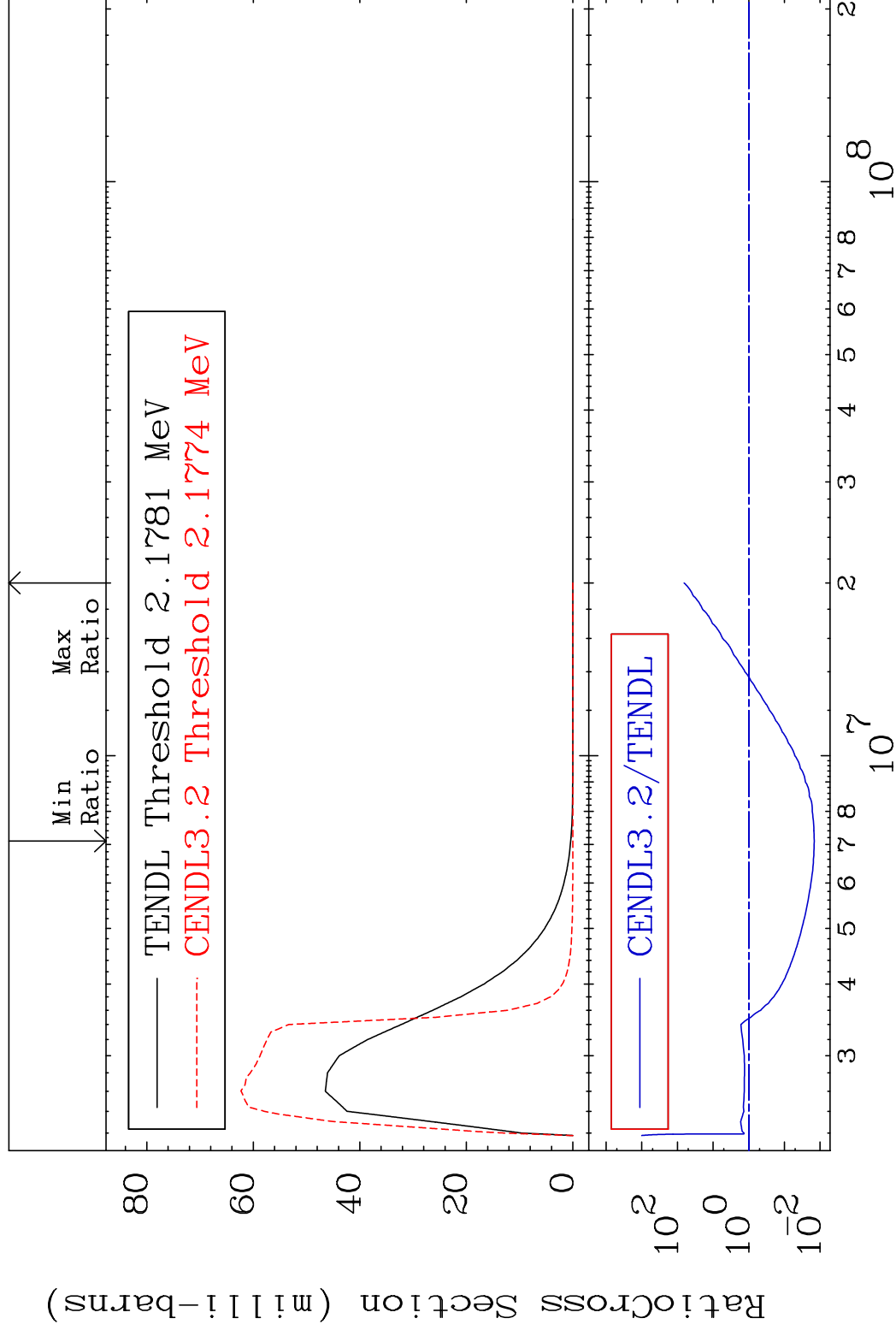
10 Incident Energy (eV) 50-Sn-120

MAT 5049

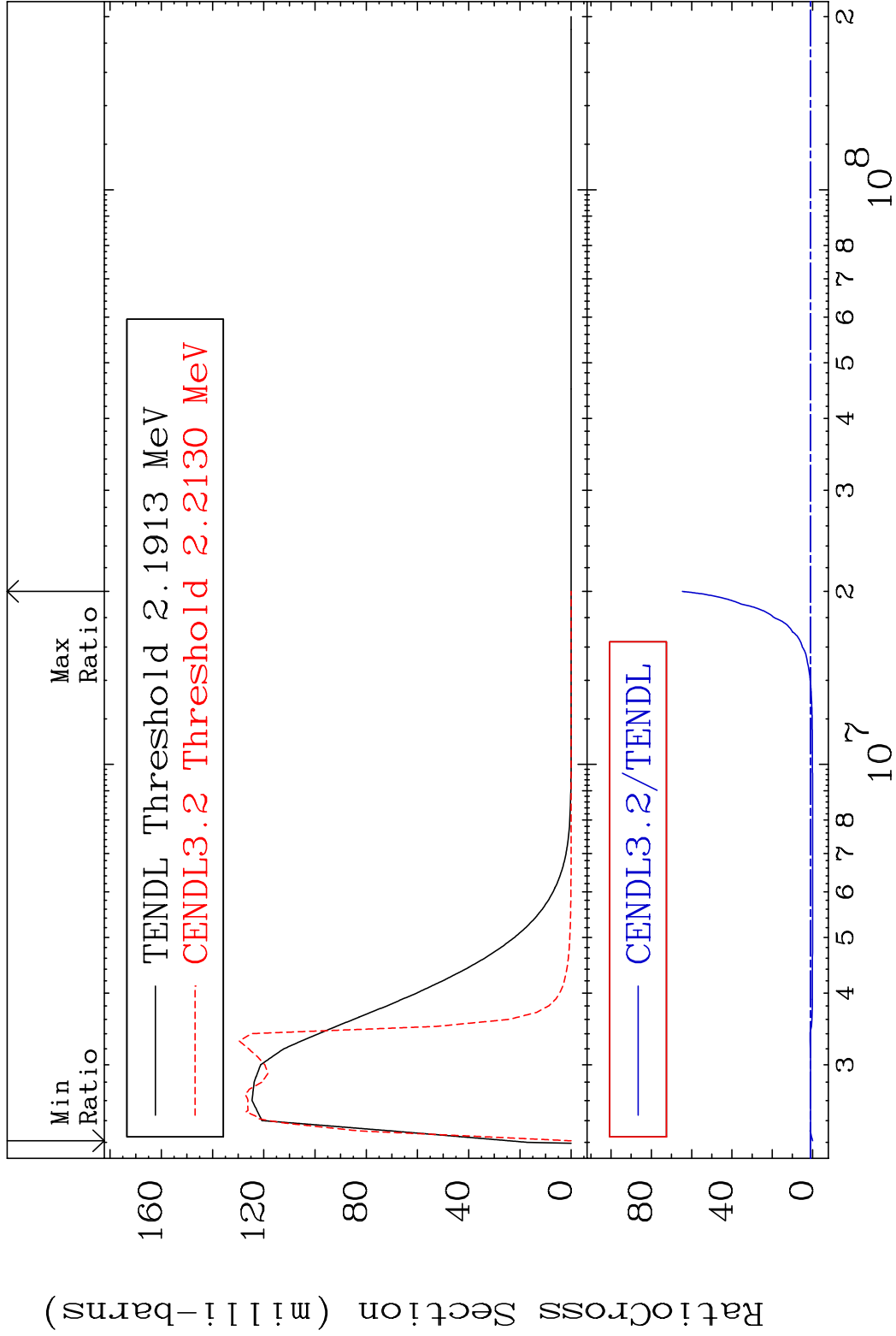
MT= 54 (n, n') Level

50-Sn-120

Cross Section -98.54 To 6426. %

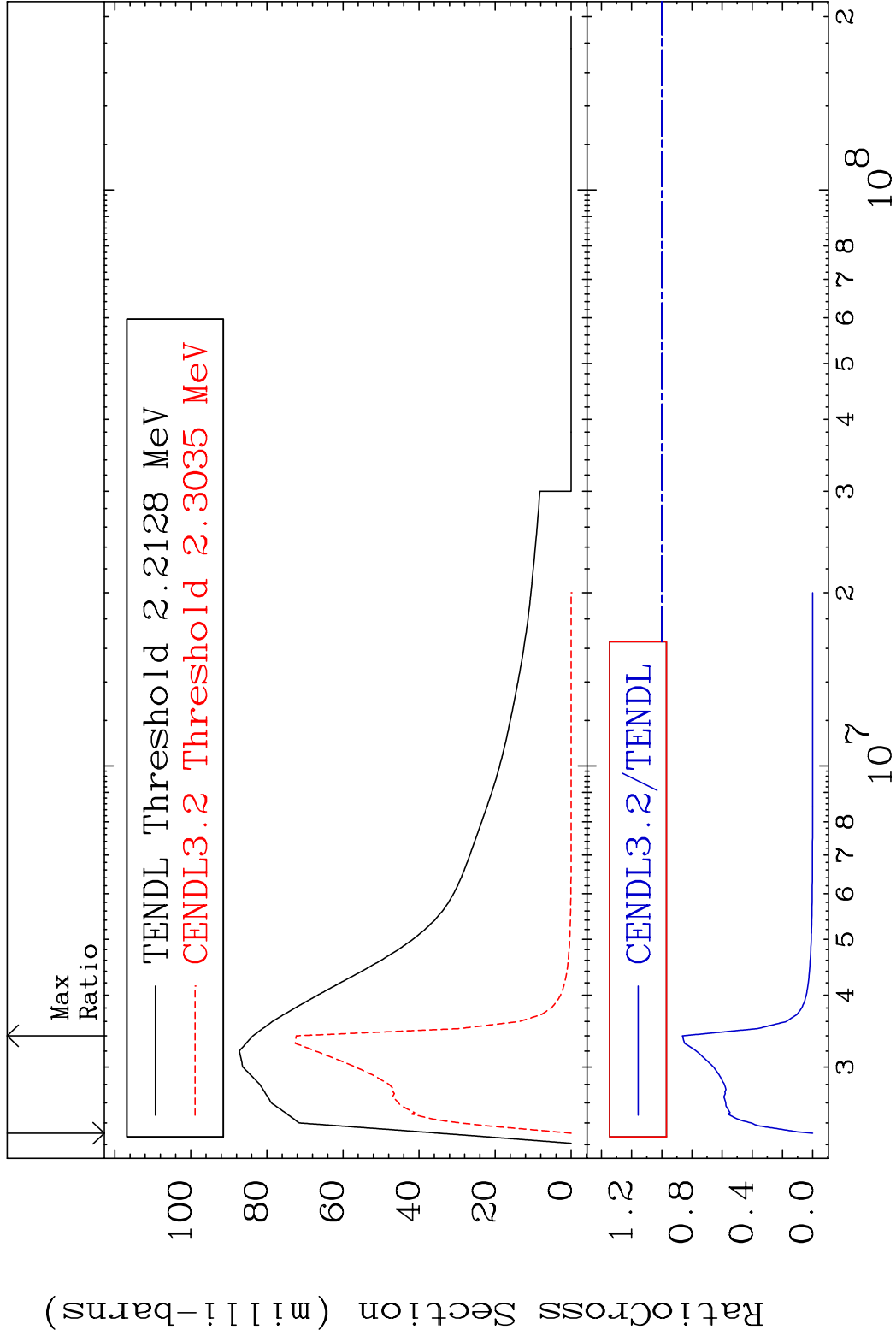


MAT 5049 MT= 55 (n,n') Level 50-Sn-120
Cross Section -100.0 To 6360. %

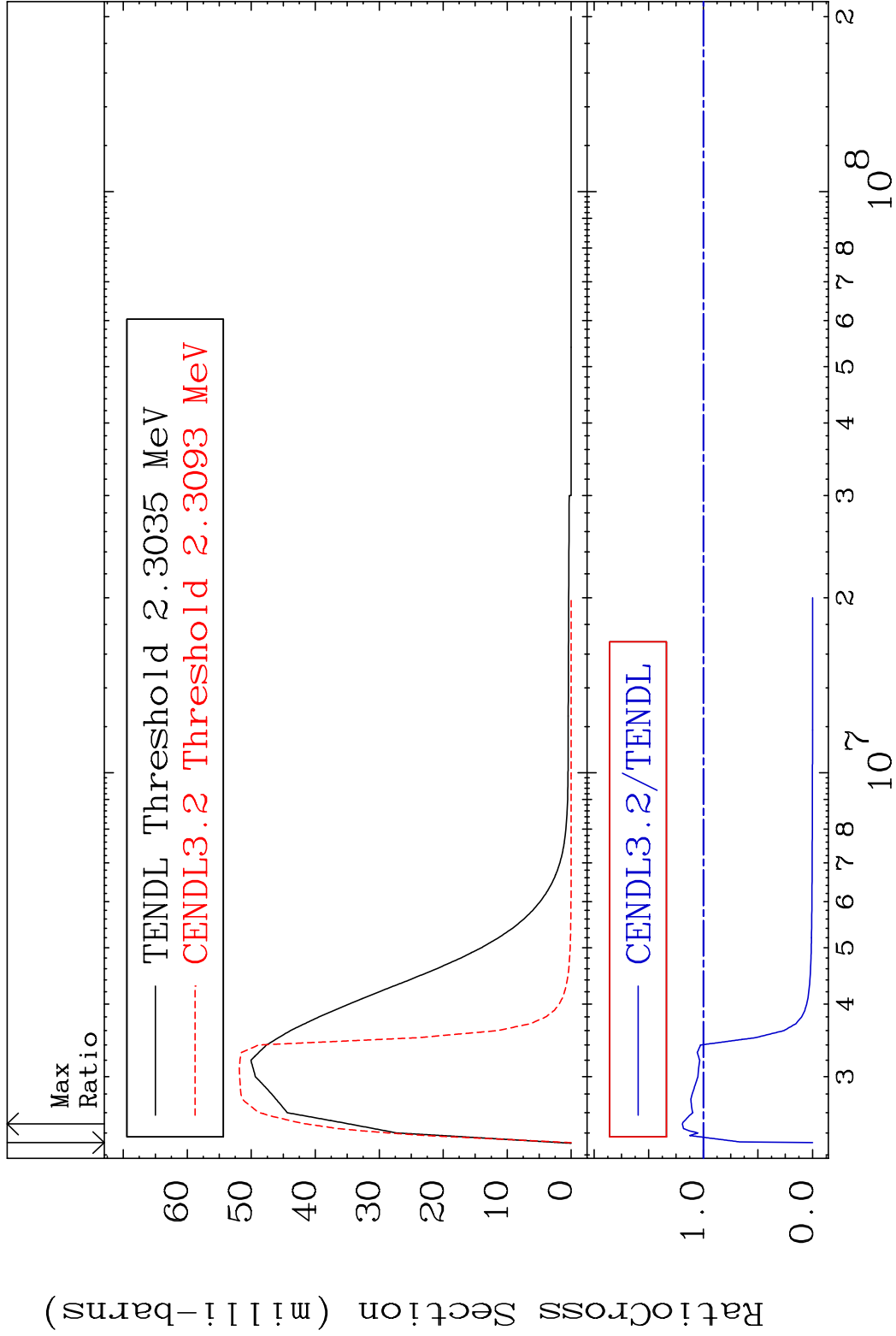


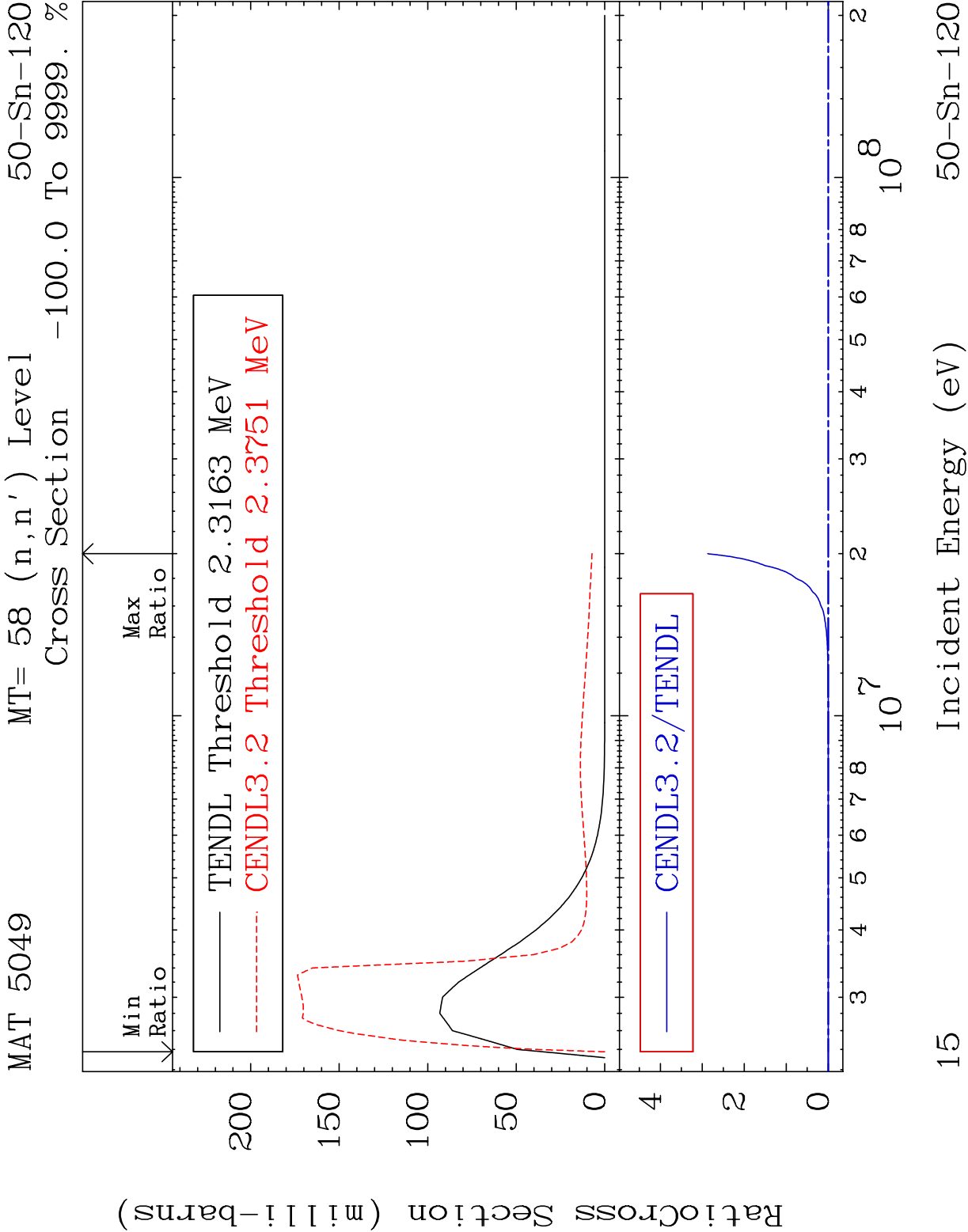
12 Incident Energy (eV) 50-Sn-120

MAT 5049 MT= 56 (n,n') Level 50-Sn-120
Cross Section -100.0 To -13.64%

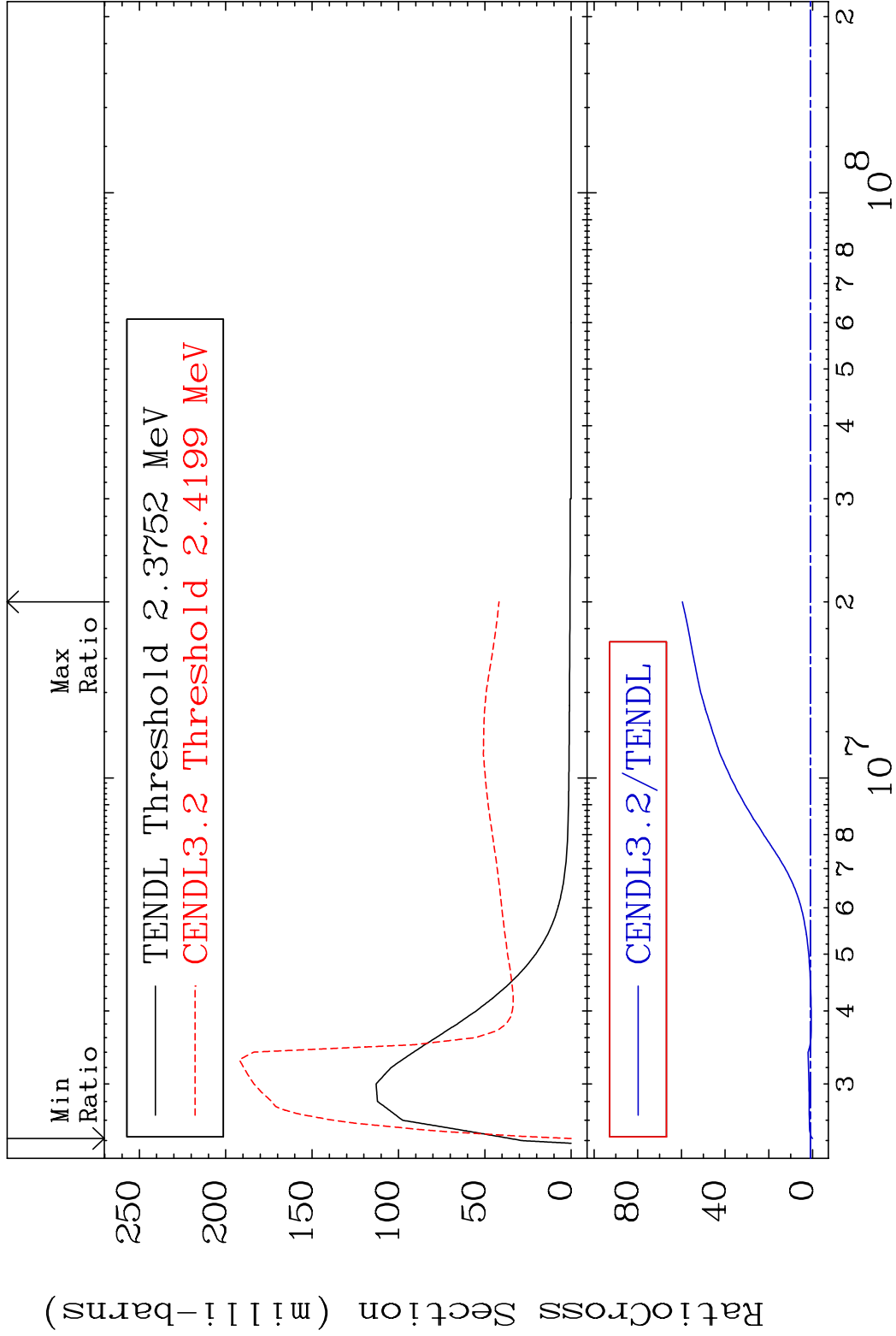


MAT 5049 MT= 57 (n,n') Level 50-Sn-120
Cross Section -100.0 To 19.23 %

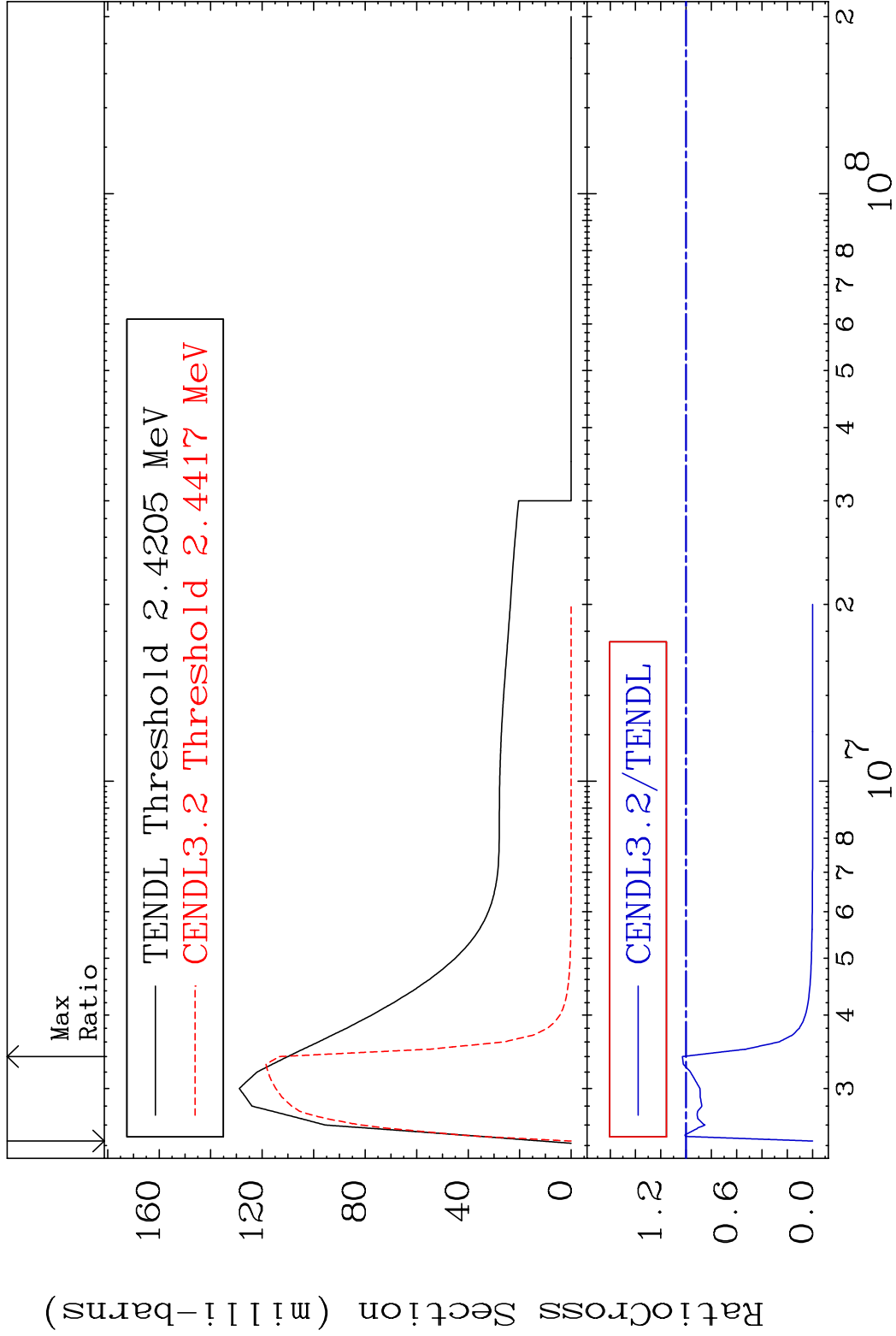




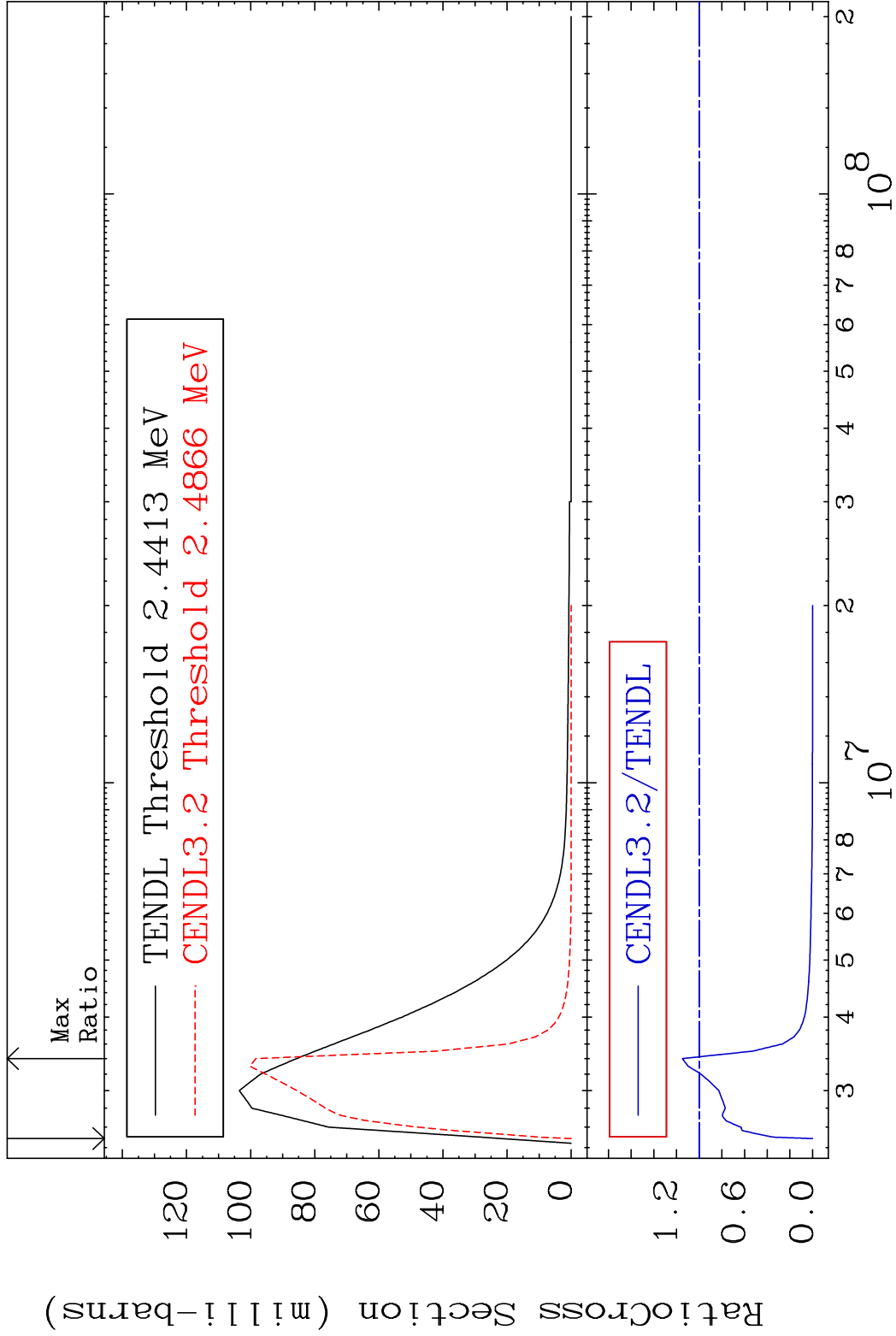
MAT 5049 MT= 59 (n,n') Level 50-Sn-120
Cross Section -100.0 To 5858. %



MAT 5049 MT= 60 (n,n') Level 50-Sn-120
Cross Section -100.0 To 2.965 %



MAT 5049 MT= 61 (n,n') Level 50-Sn-120
Cross Section -100.0 To 14.86 %



18 Incident Energy (eV) 50-Sn-120

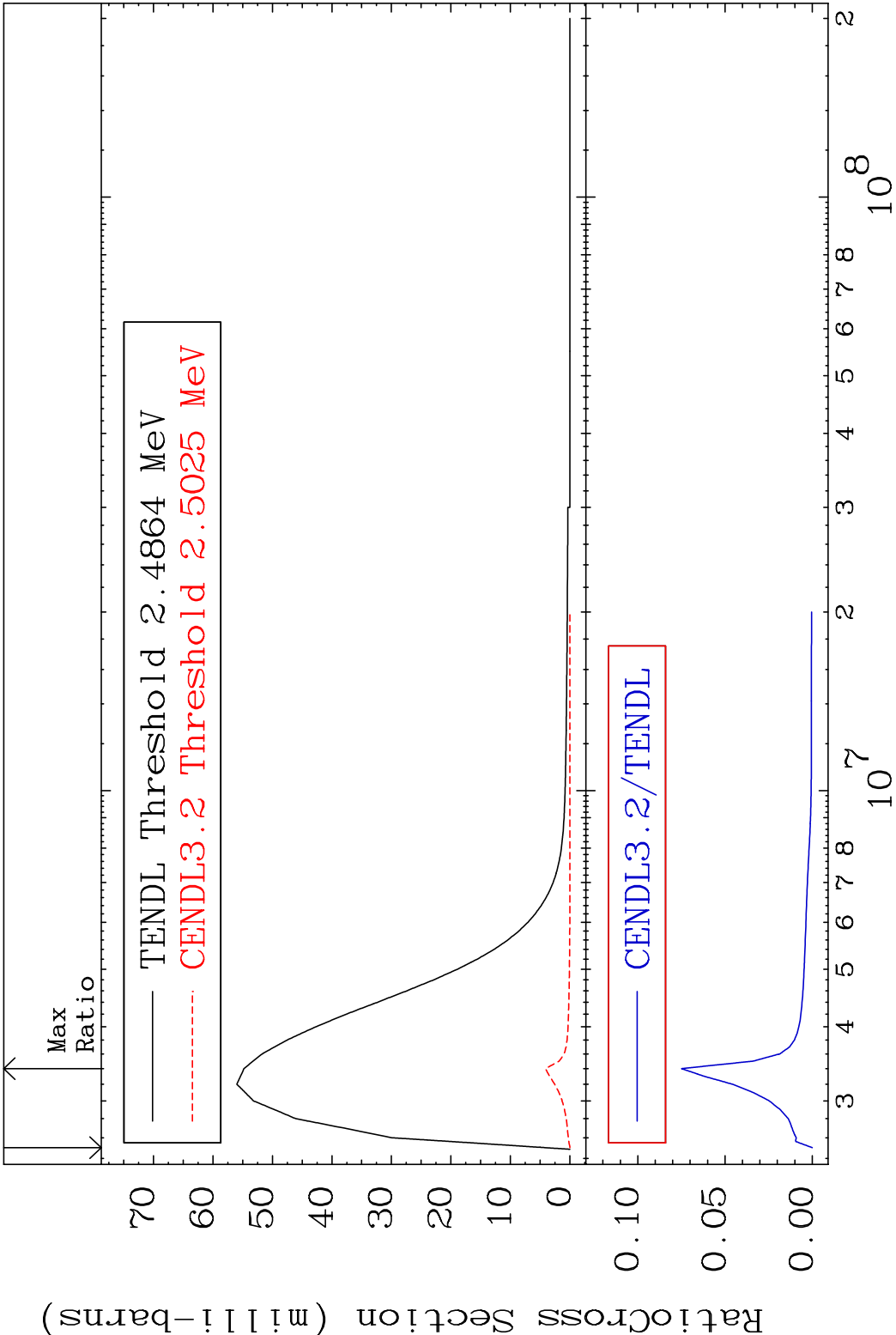
MAT 5049

MT= 62 (n,n') Level

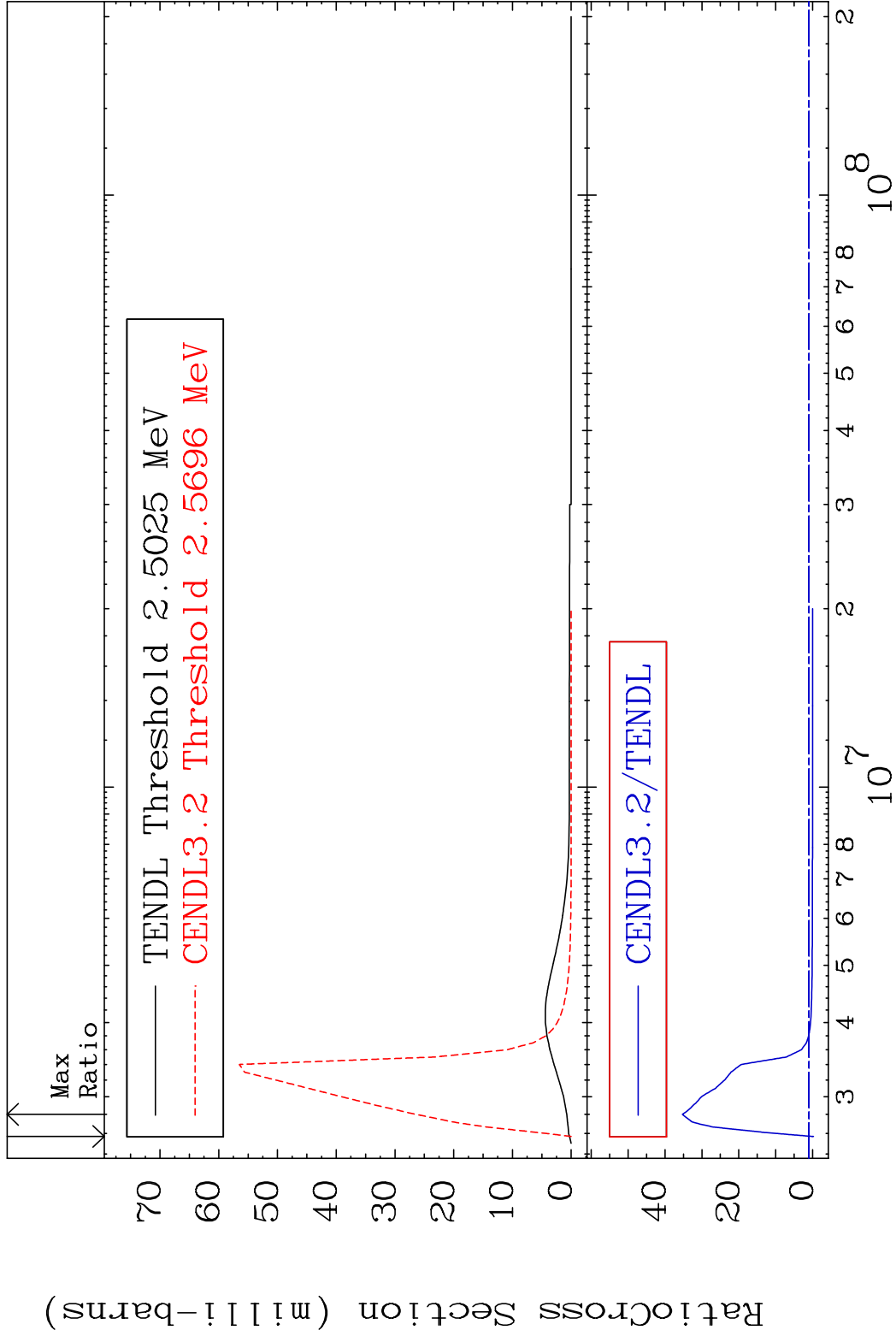
50-Sn-120

Cross Section

-100.0 To -92.51%

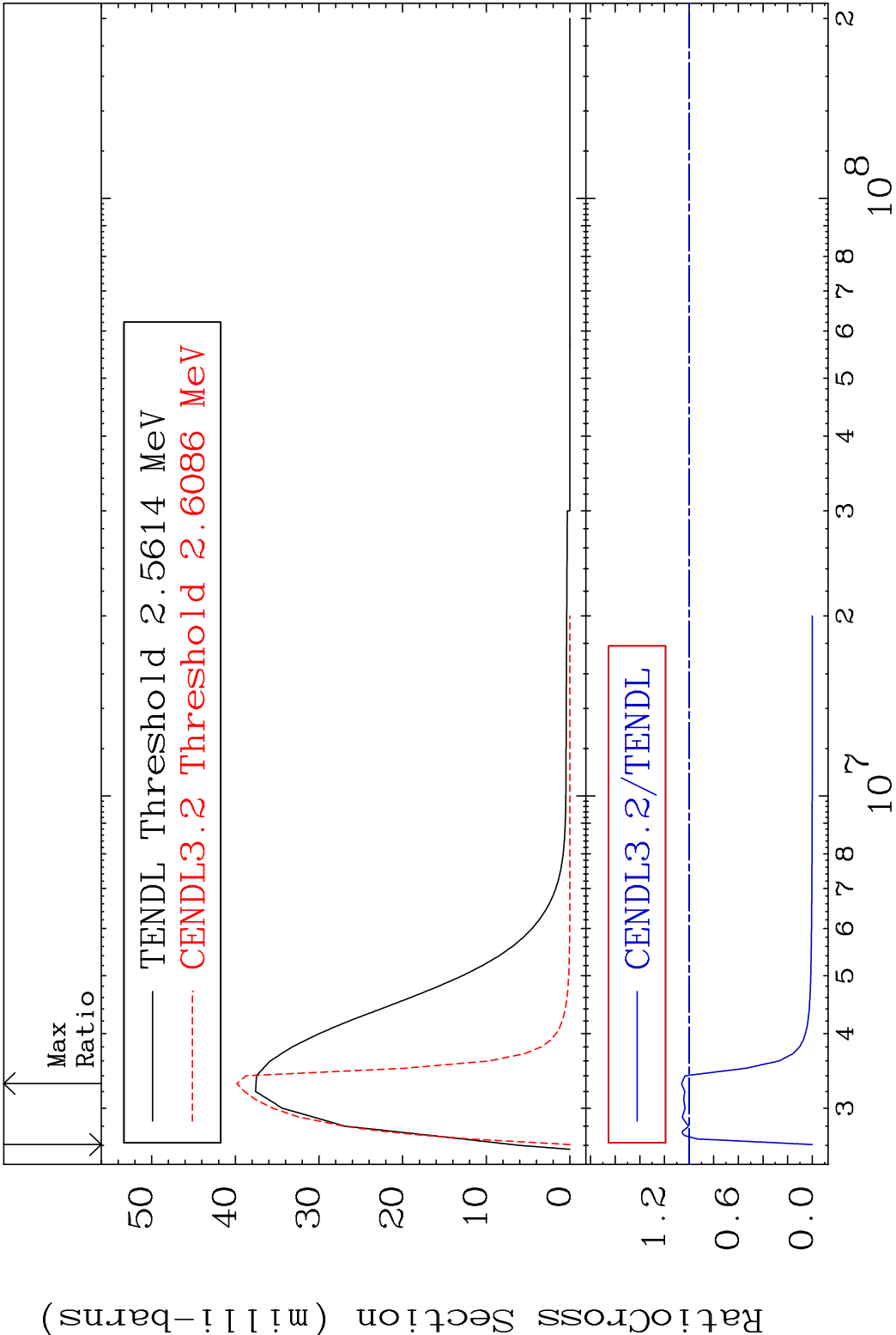


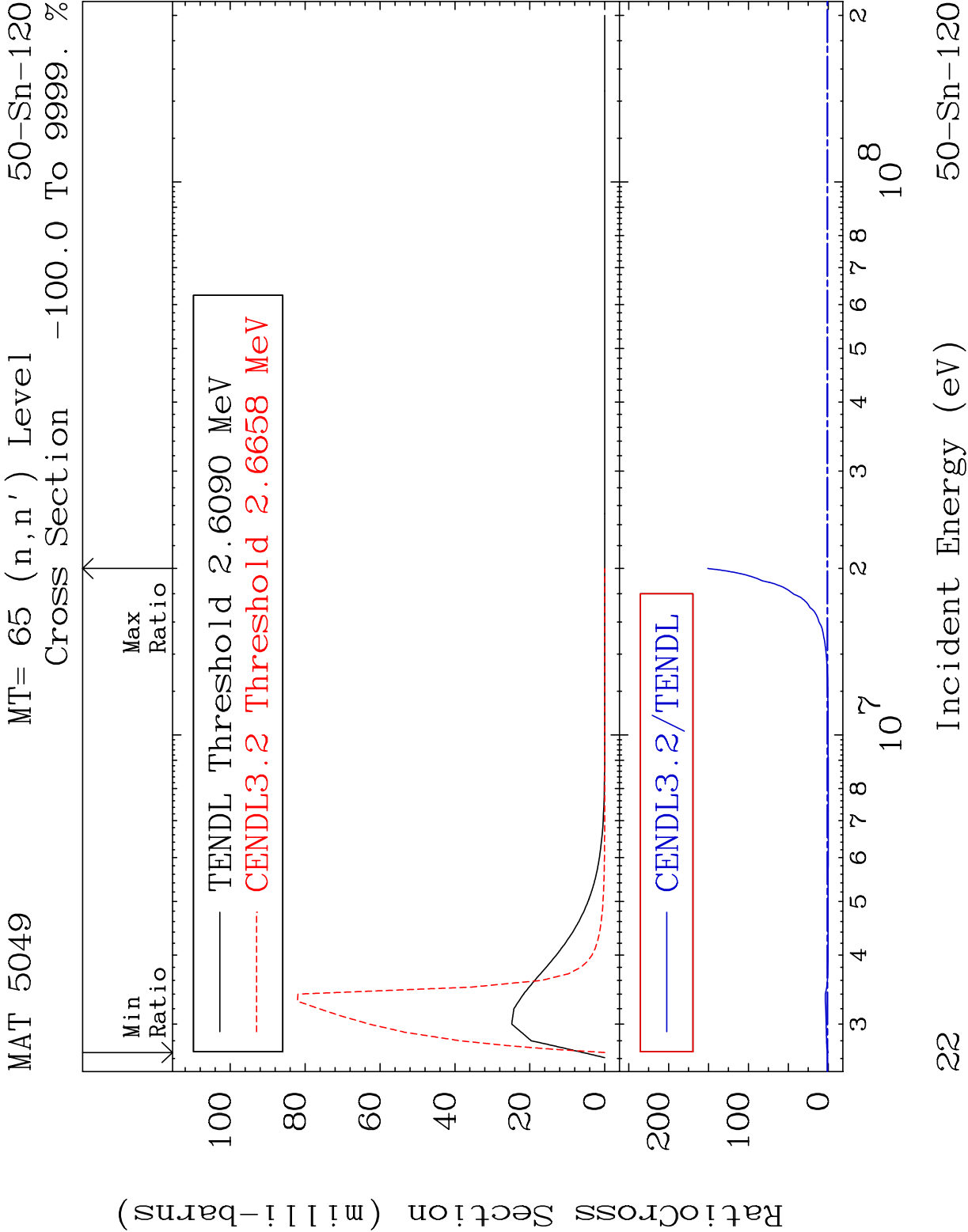
MAT 5049 MT= 63 (n,n') Level 50-Sn-120
Cross Section -100.0 To 3430. %



20 Incident Energy (eV) 50-Sn-120

MAT 5049 MT= 64 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 6.124 %





MAT 5049

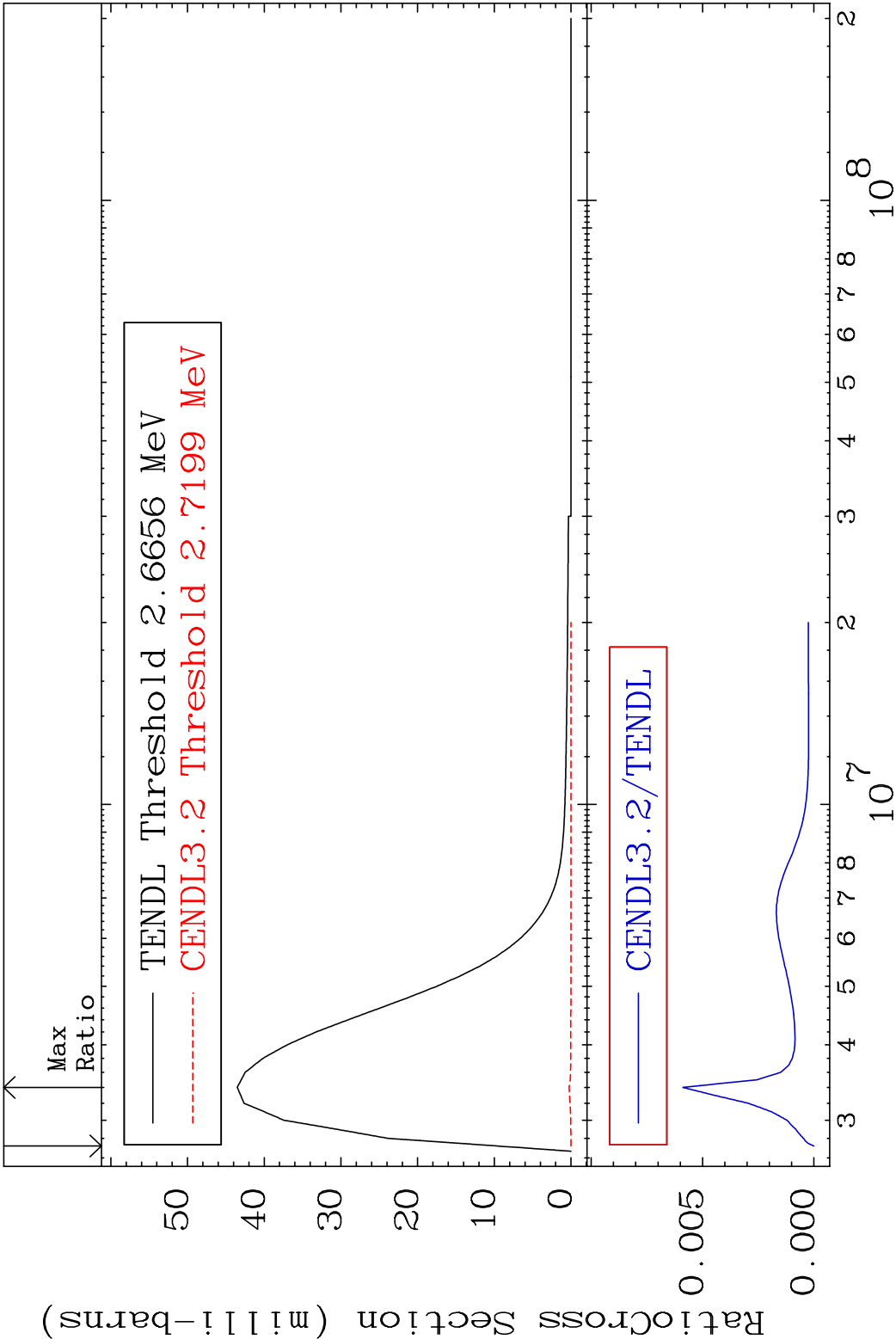
MT= 66 (n,n')

Level

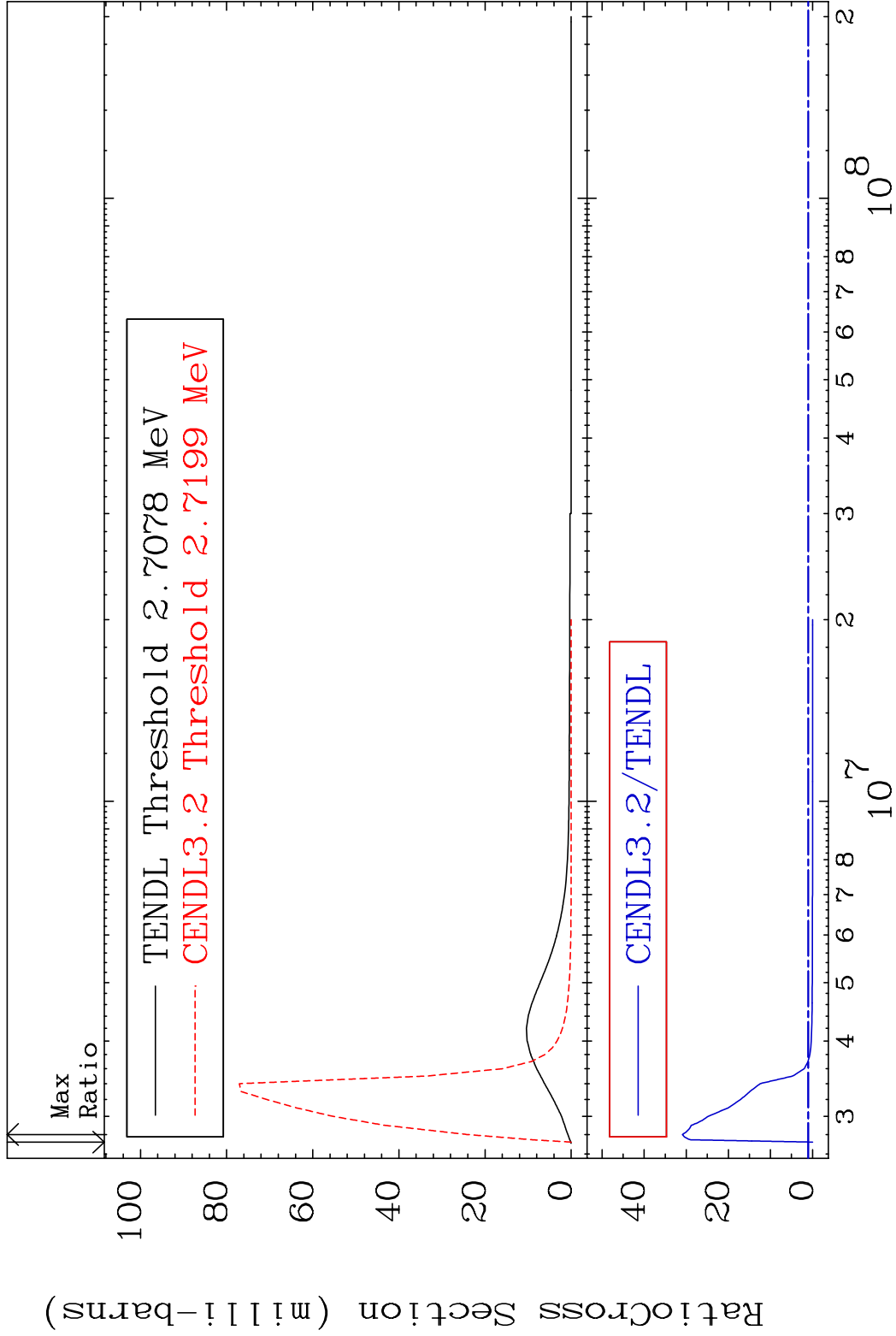
50-Sn-120

Cross Section

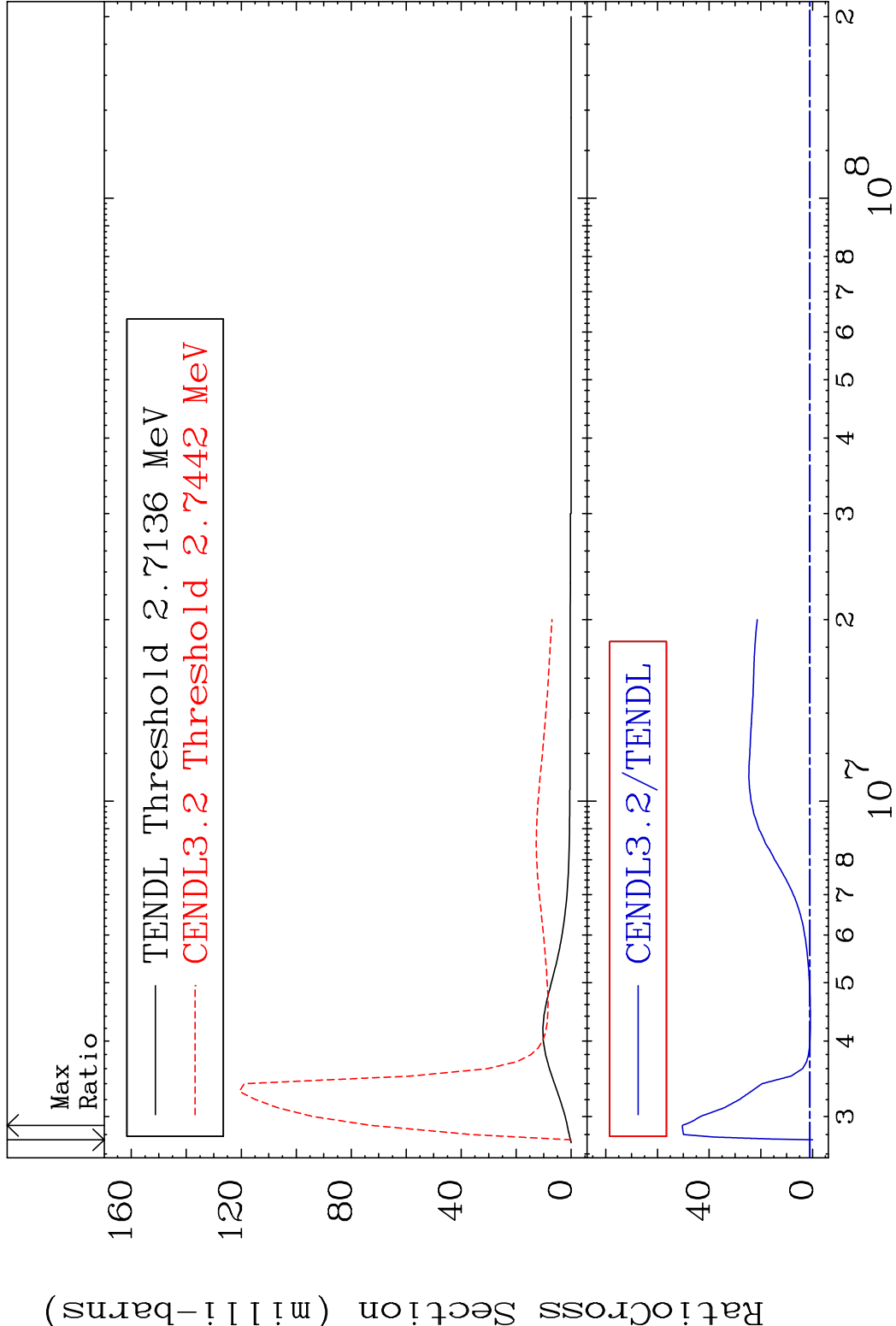
-100.0 To -99.41%

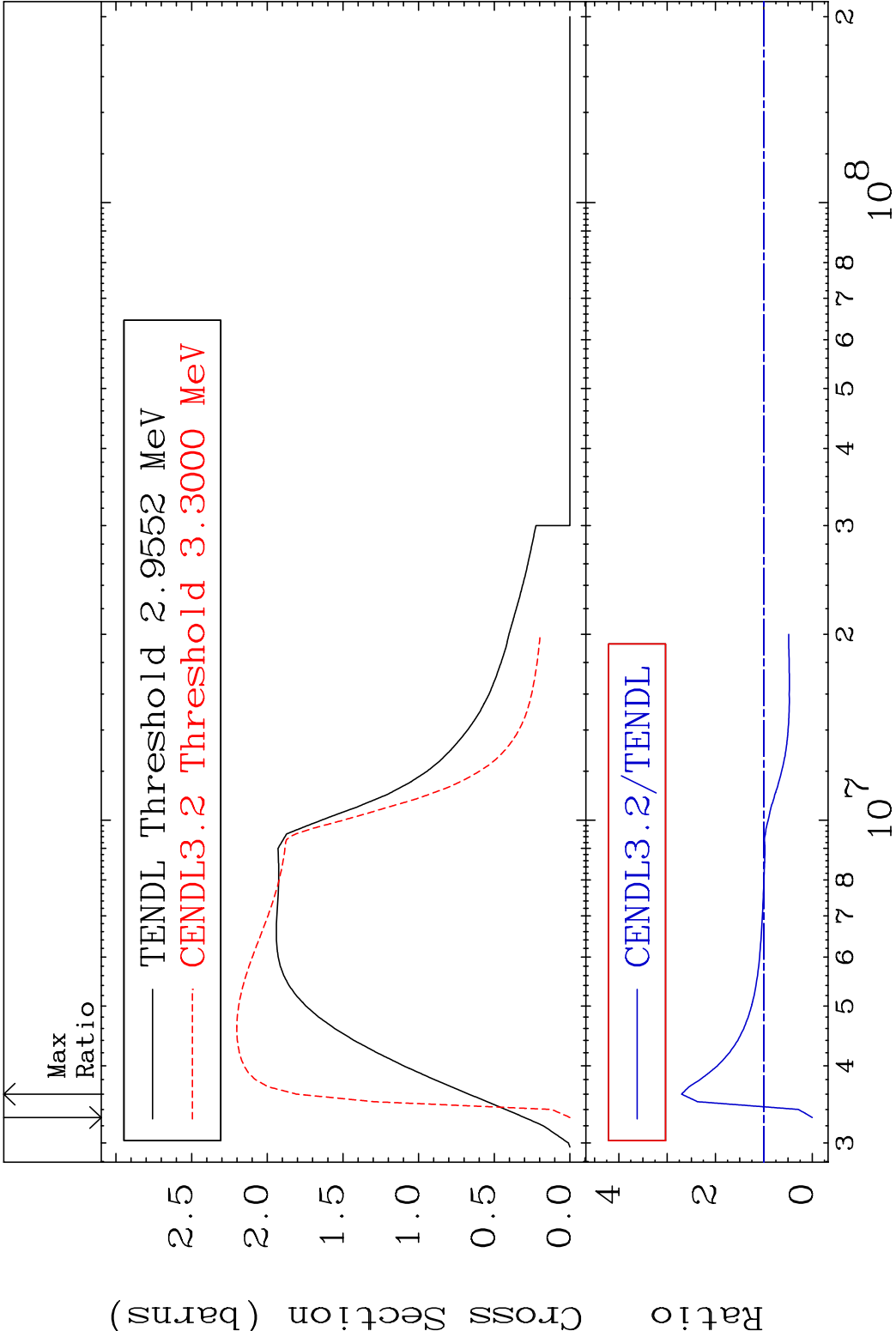


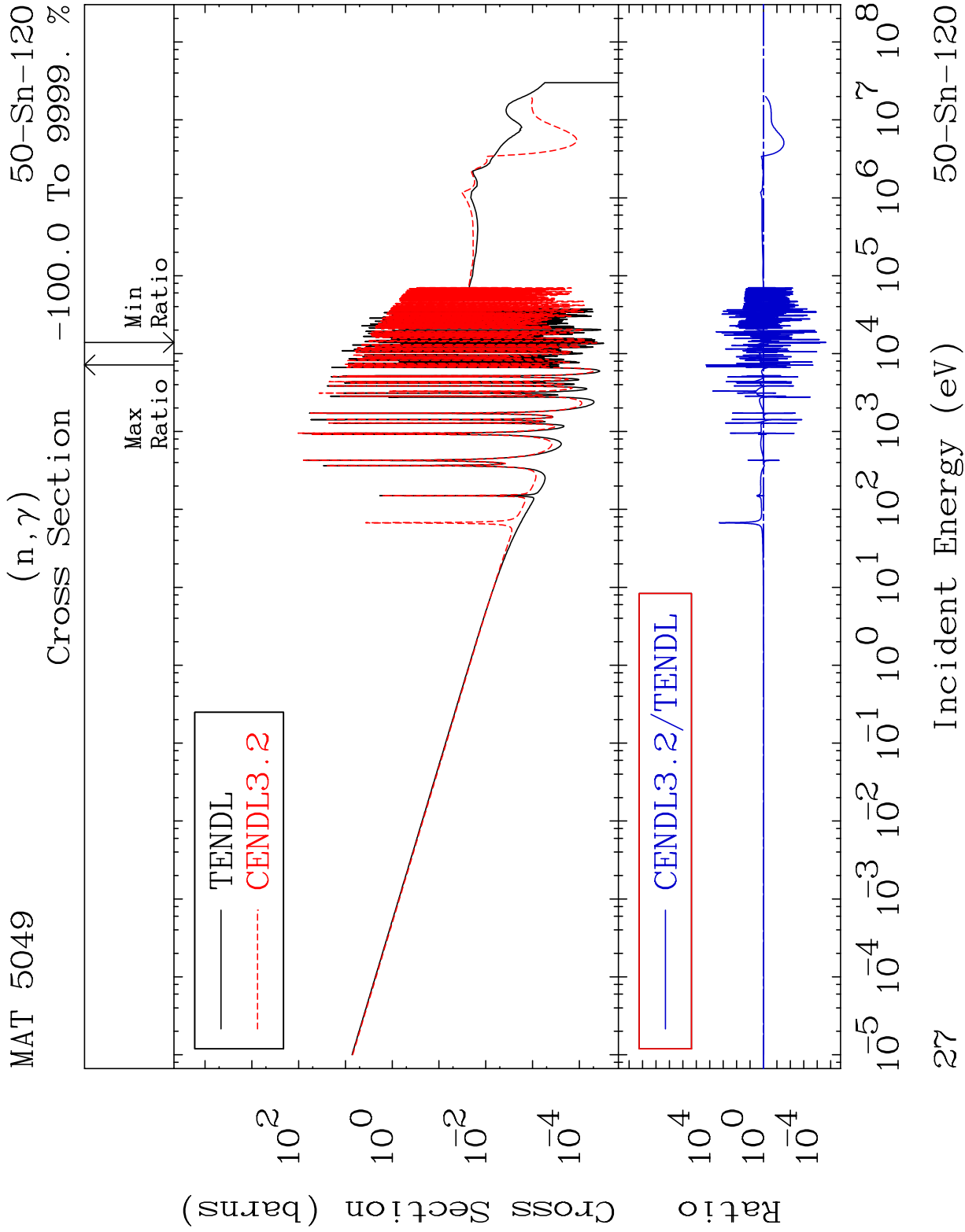
MAT 5049 MT= 67 (n,n') Level 50-Sn-120
Cross Section -100.0 To 2992. %

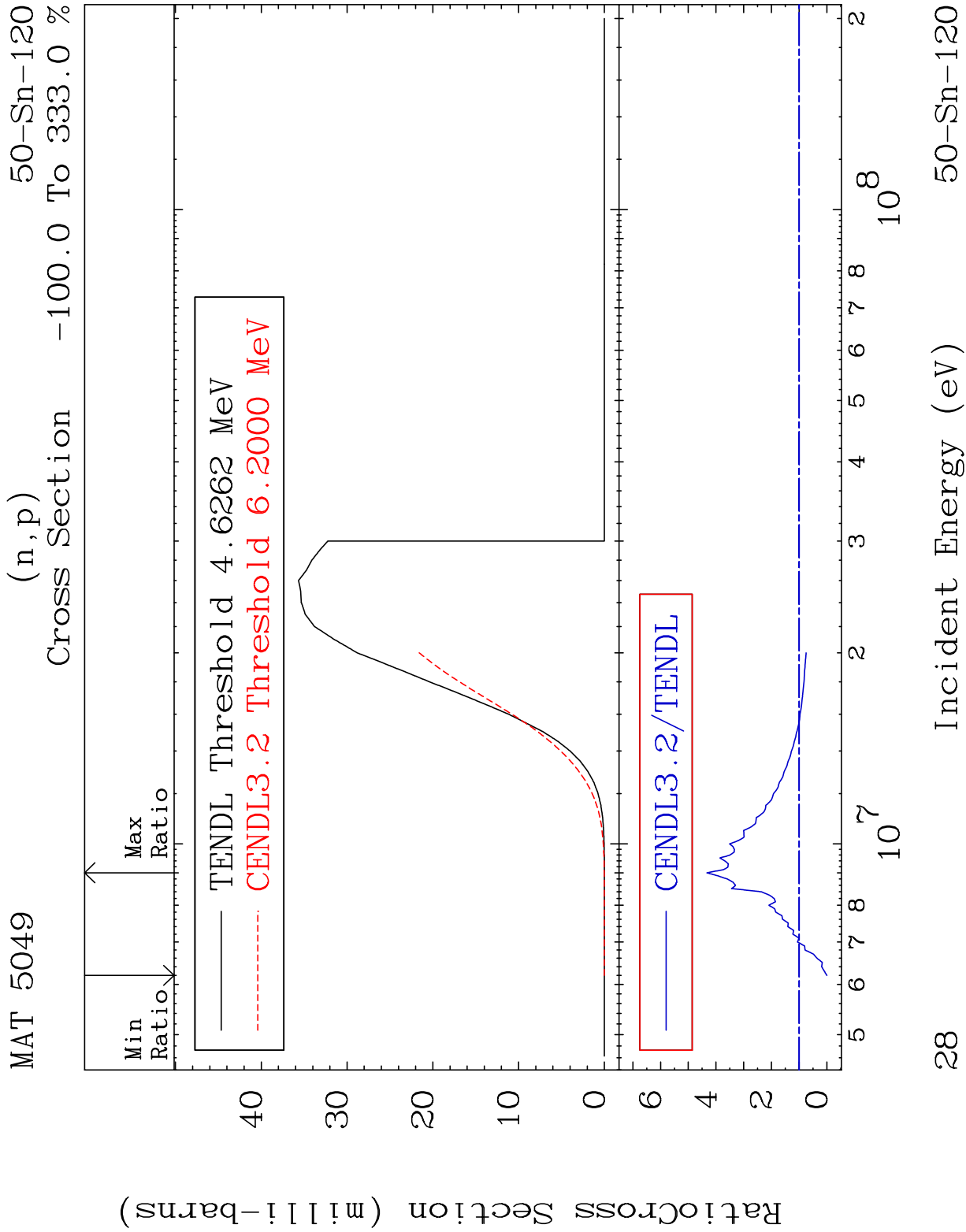


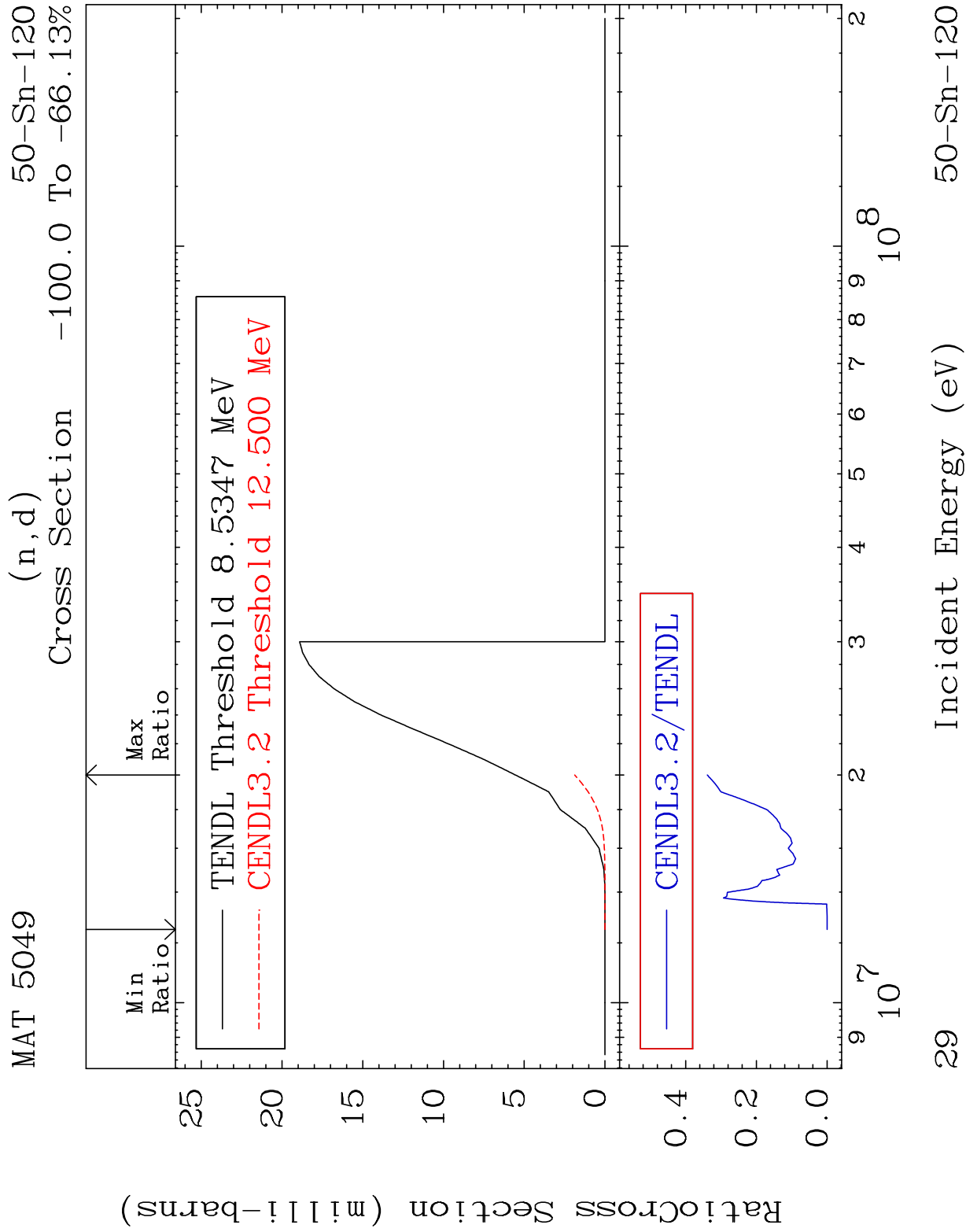
MAT 5049 MT= 68 (n,n') Level 50-Sn-120
Cross Section -100.0 To 4938. %

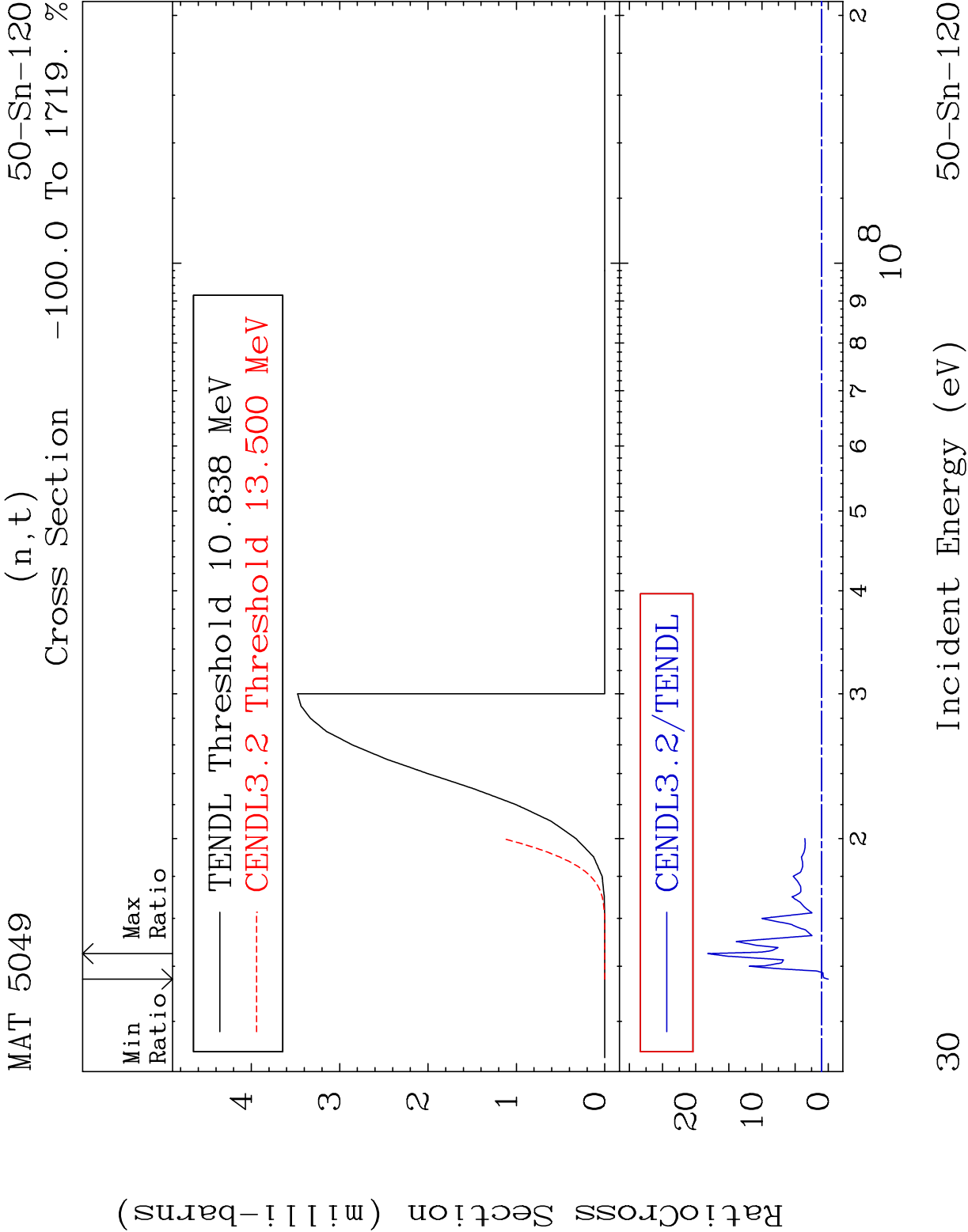


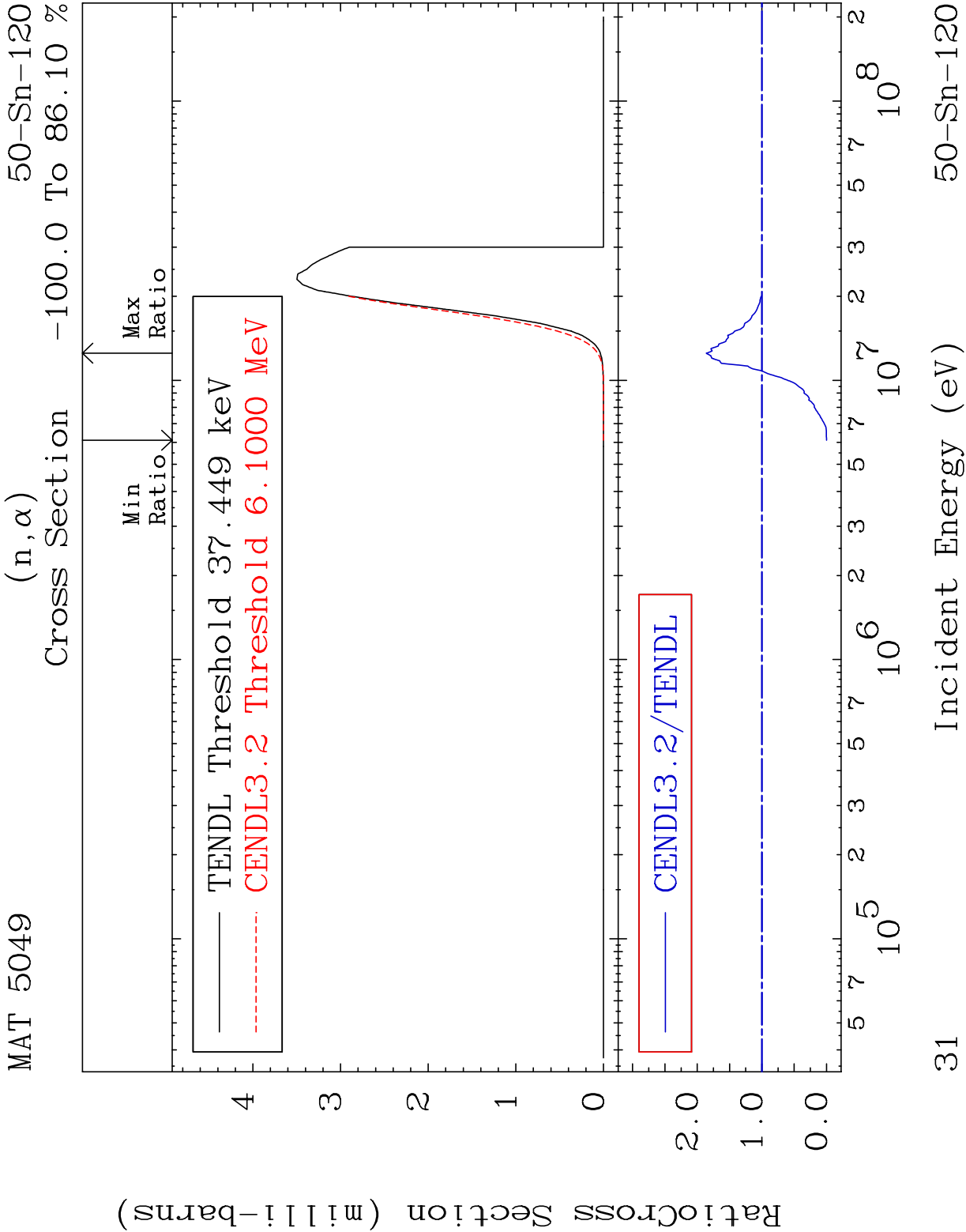


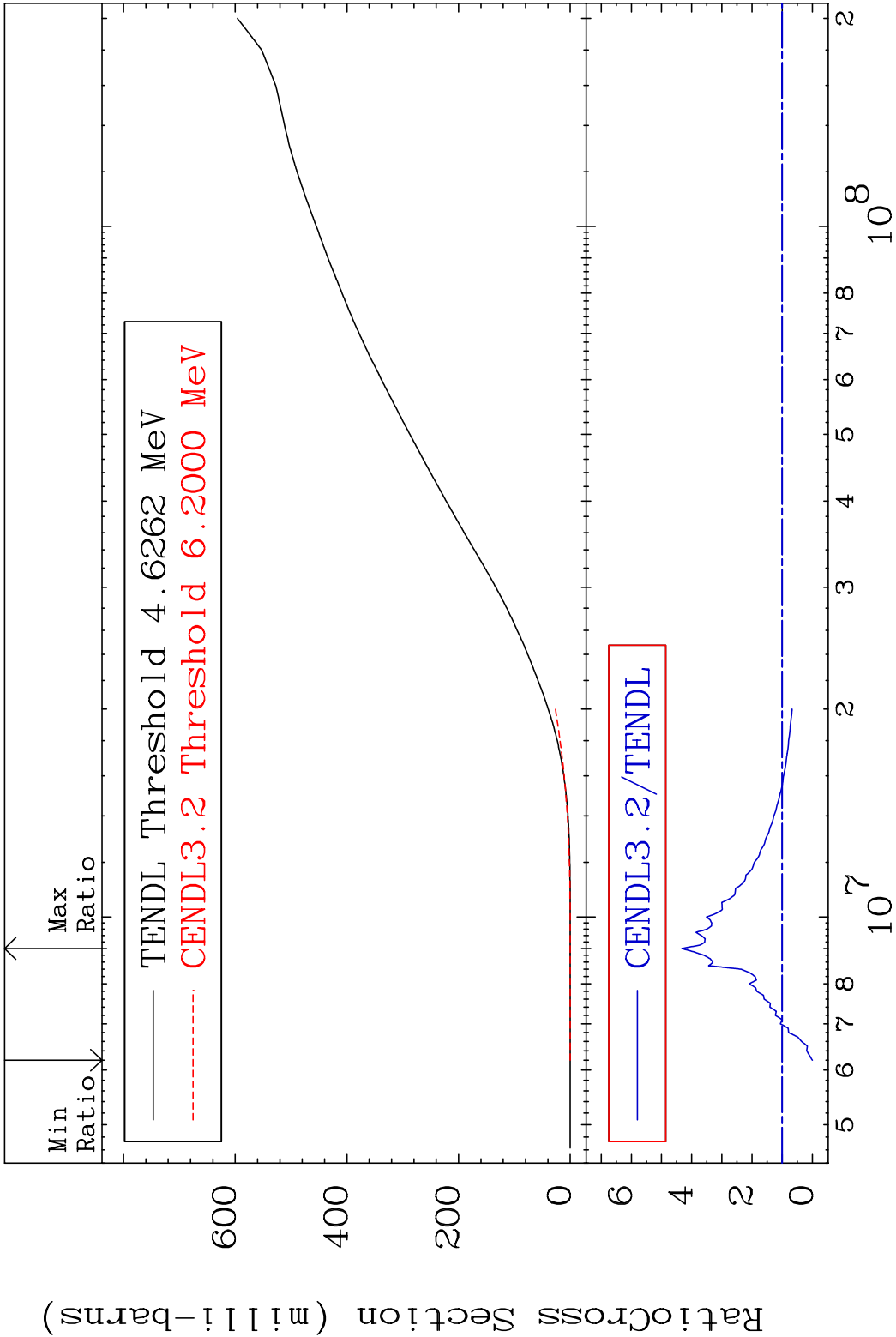


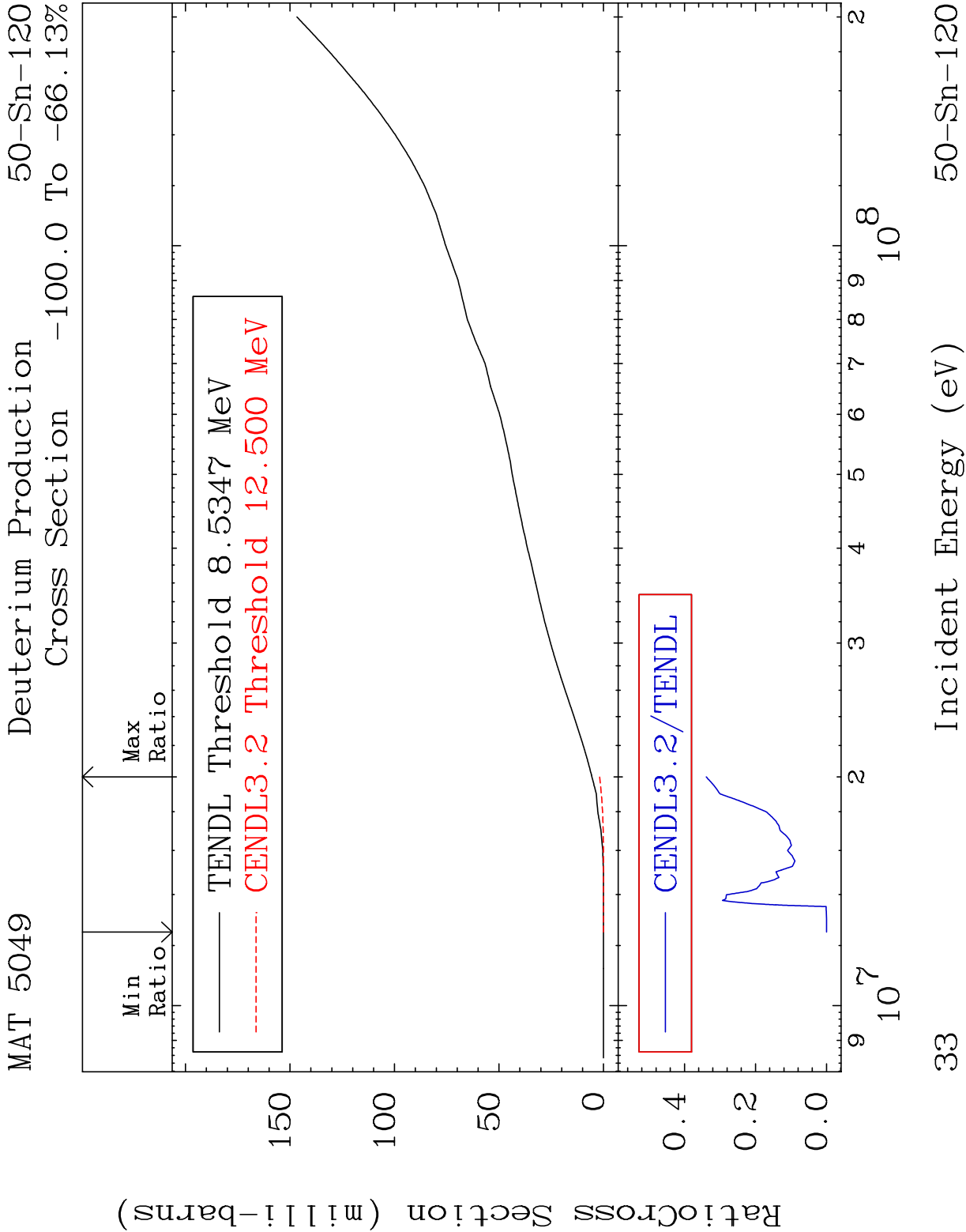


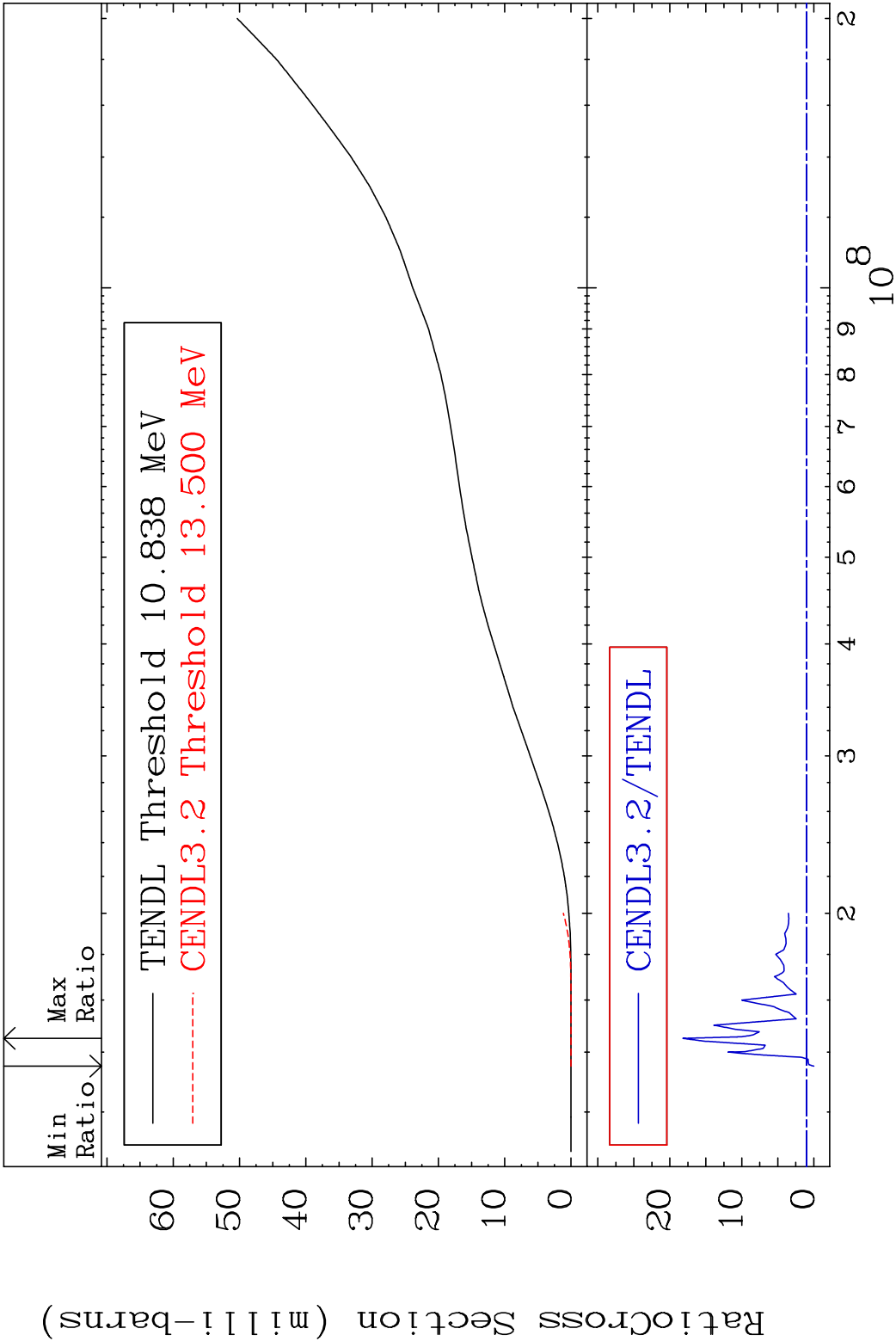


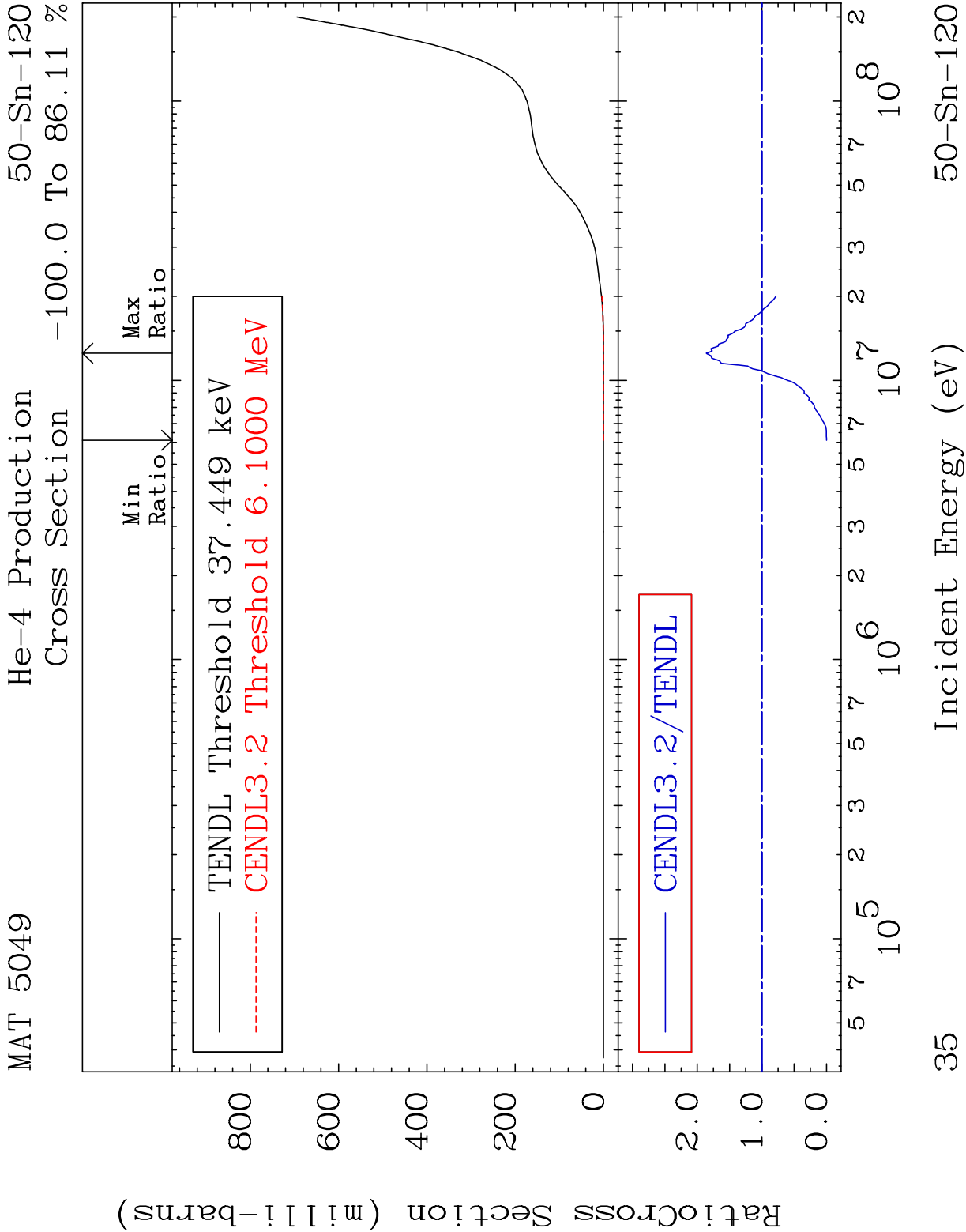


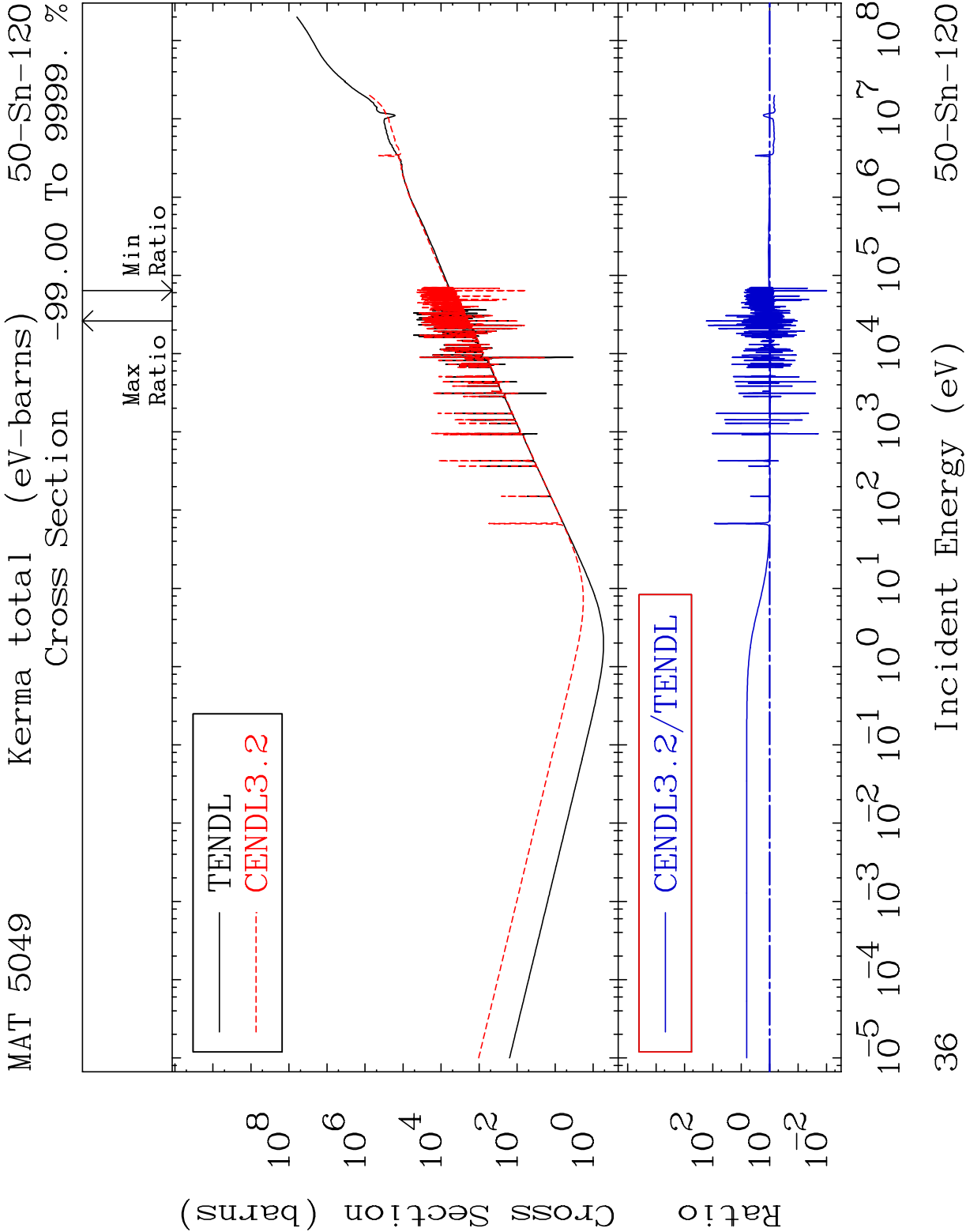


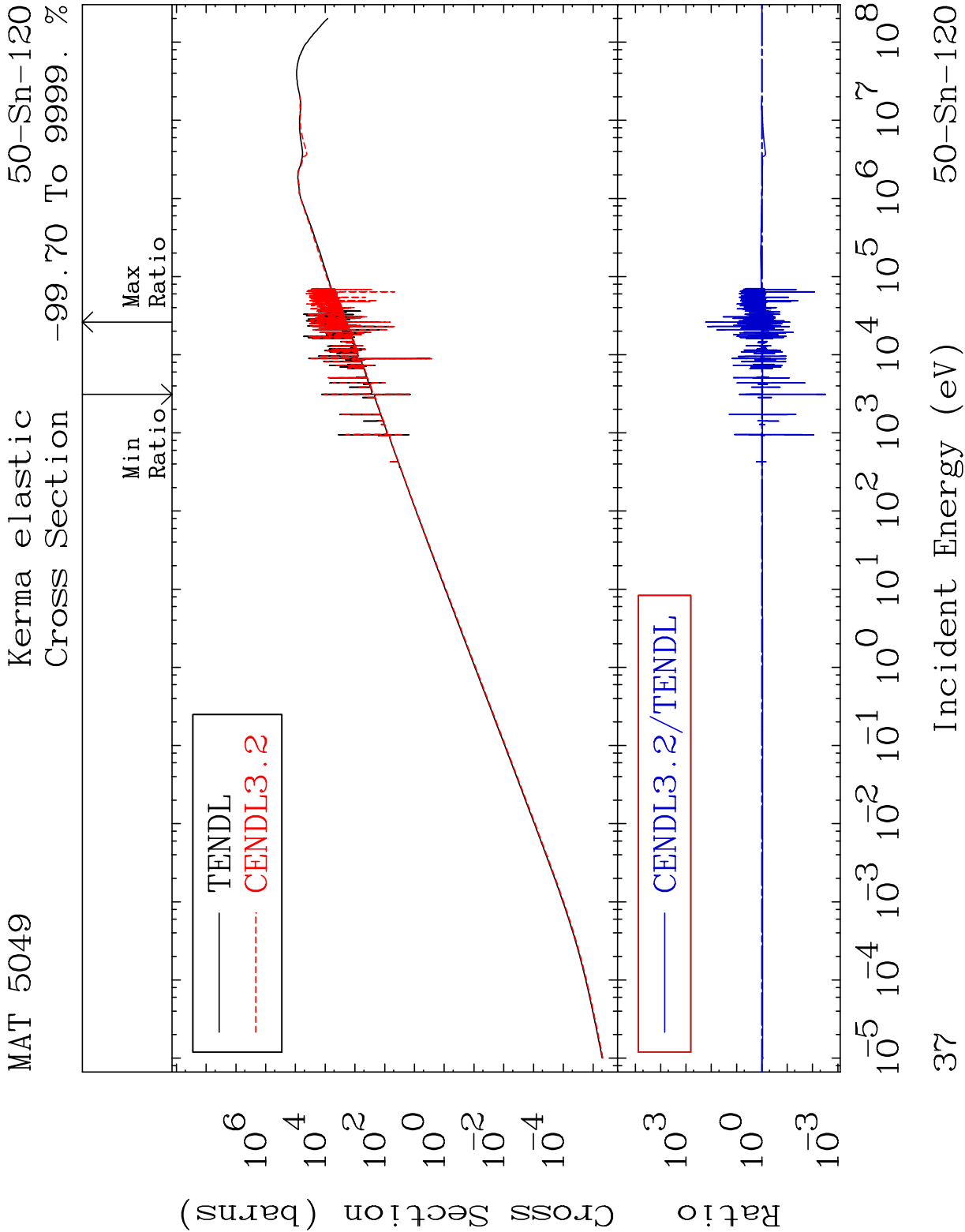




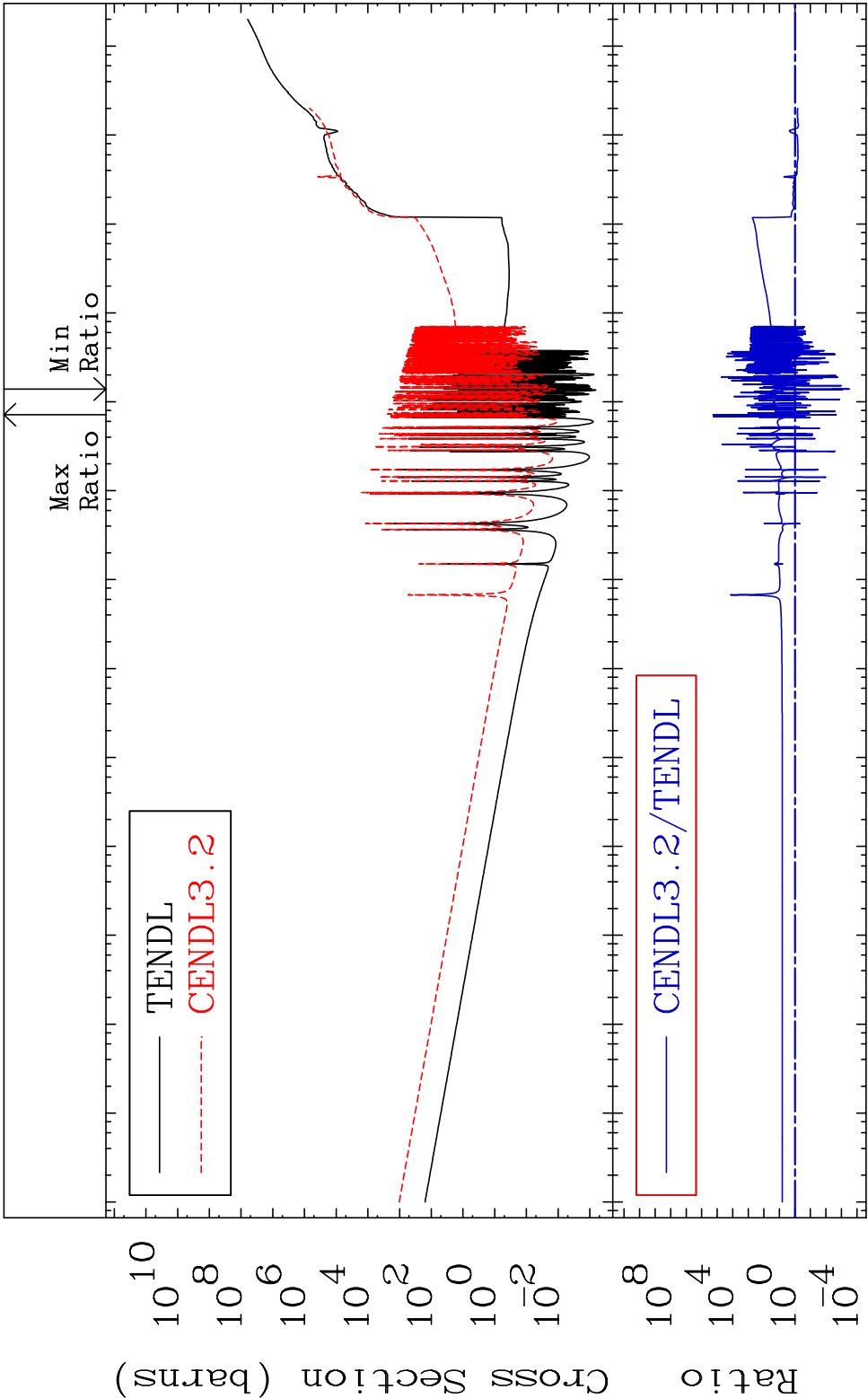


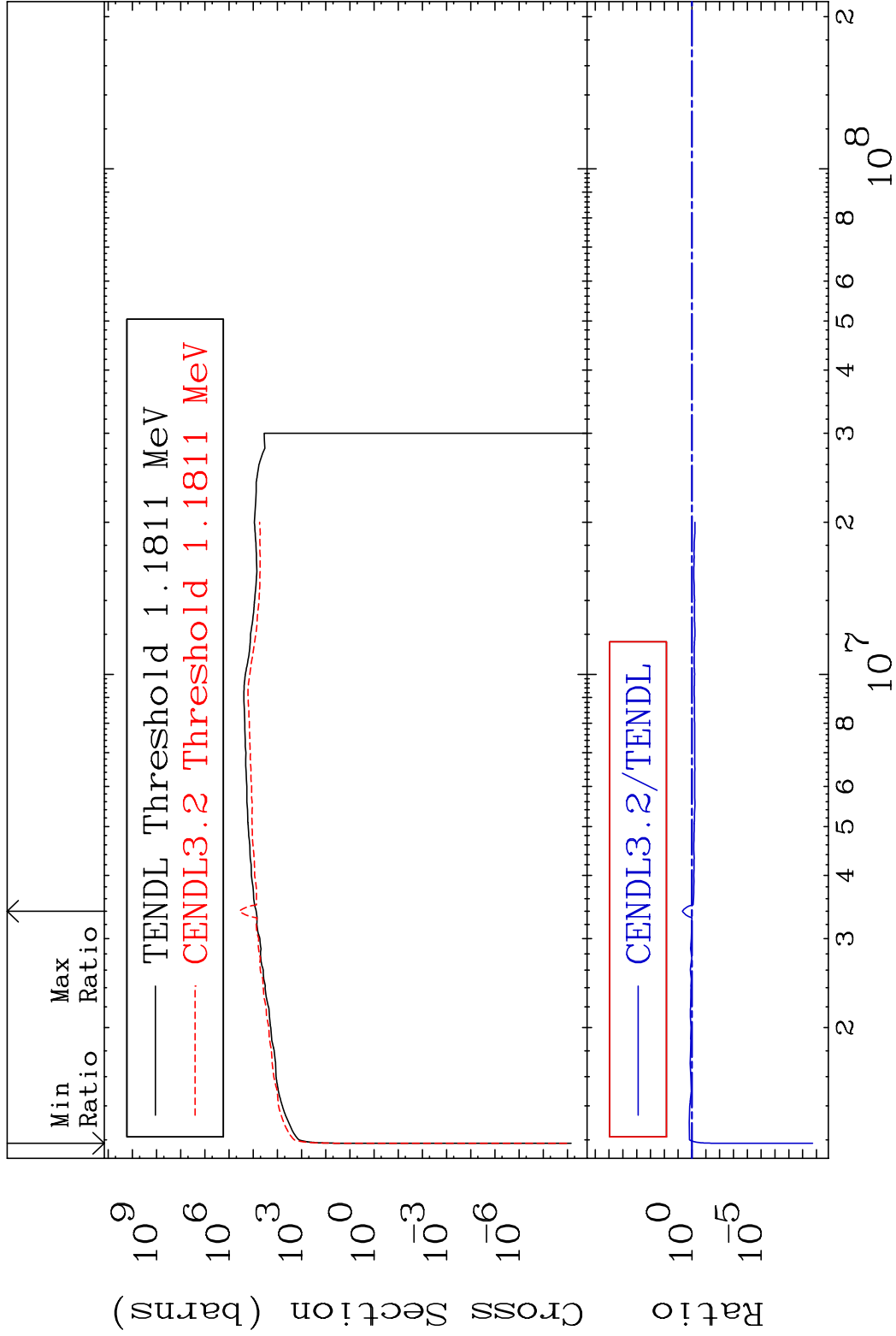




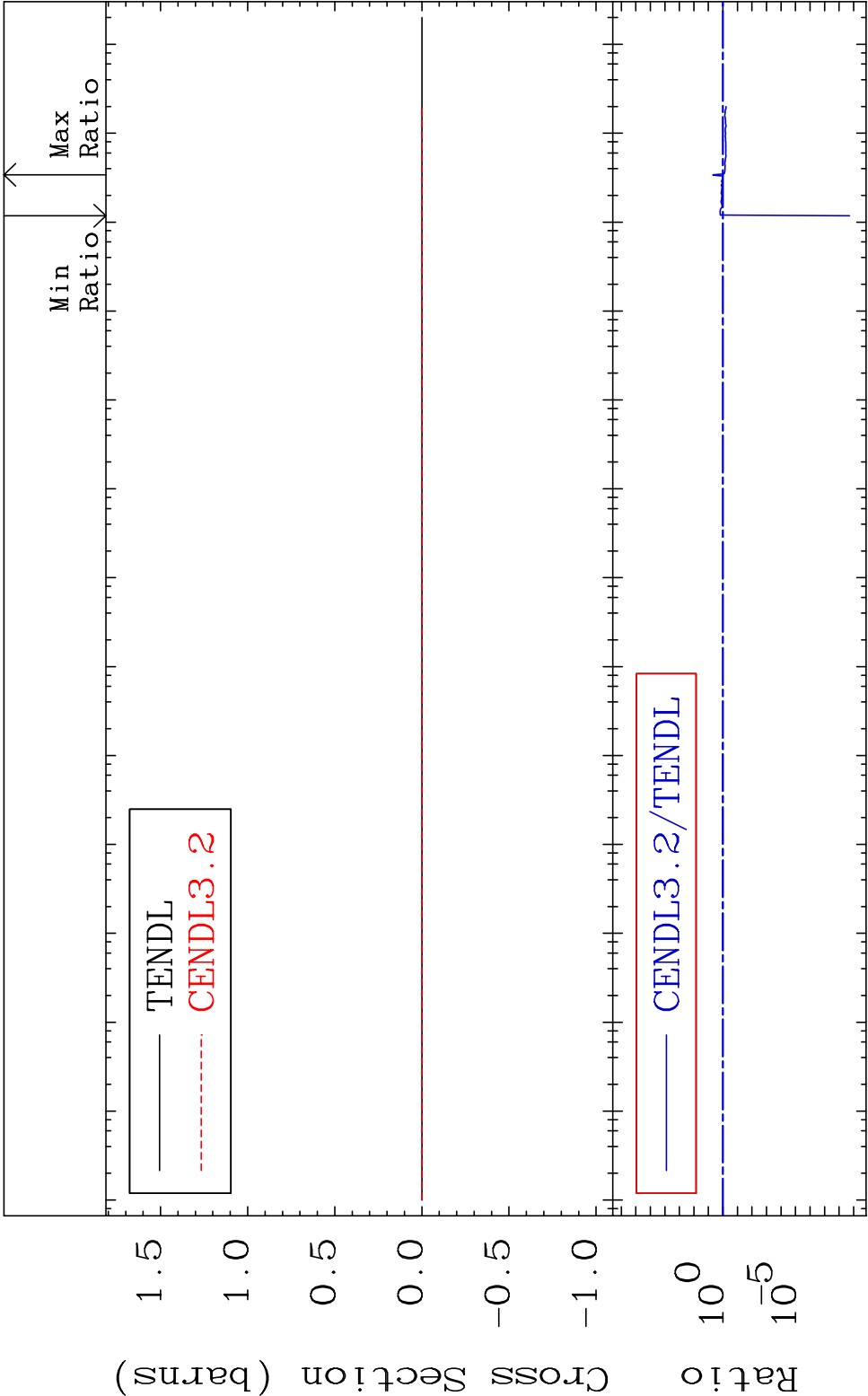


MAT 5049 Kerma non-elastic (all but mt2) 50-Sn-120
 Cross Section -99.97 To 9999. %

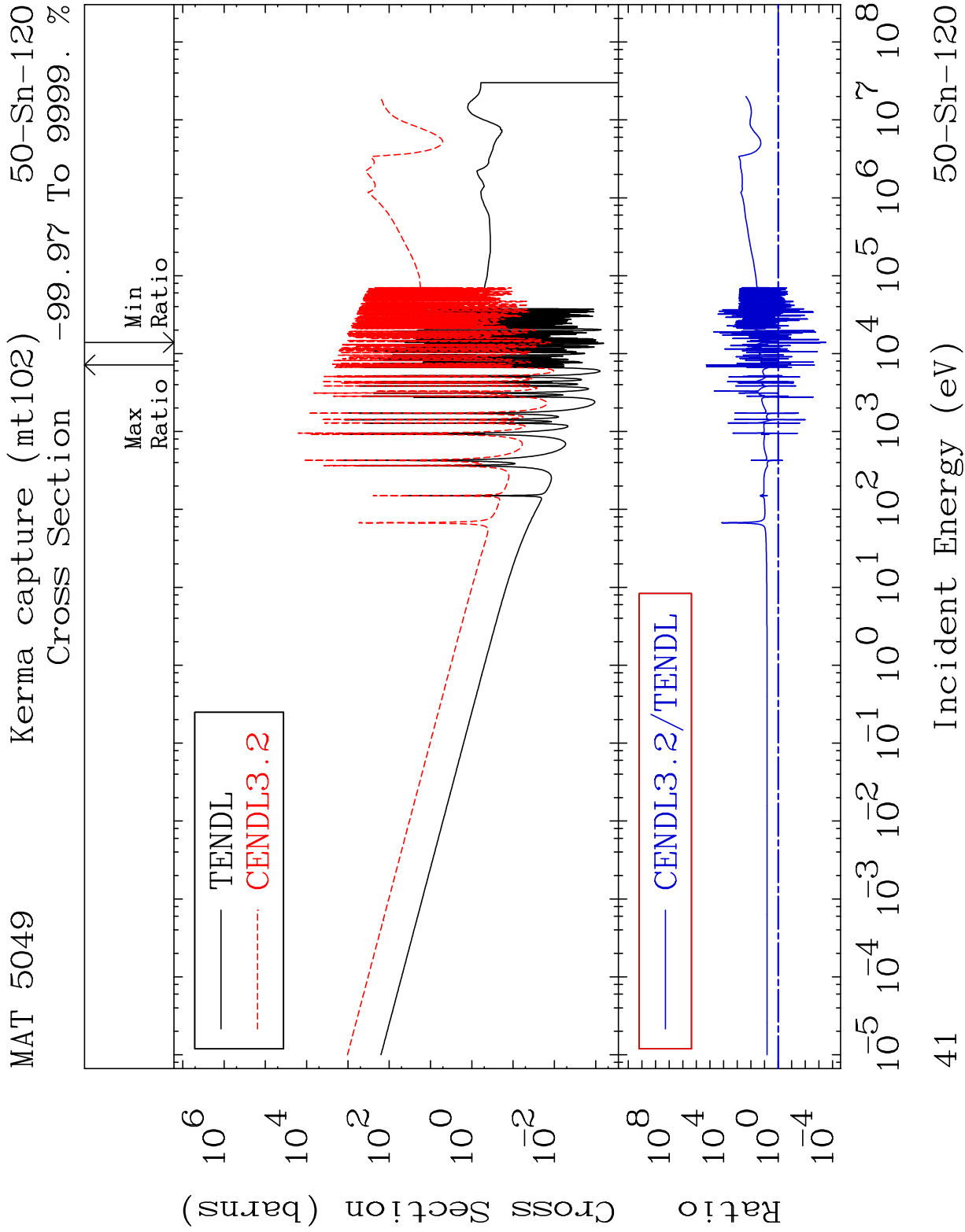


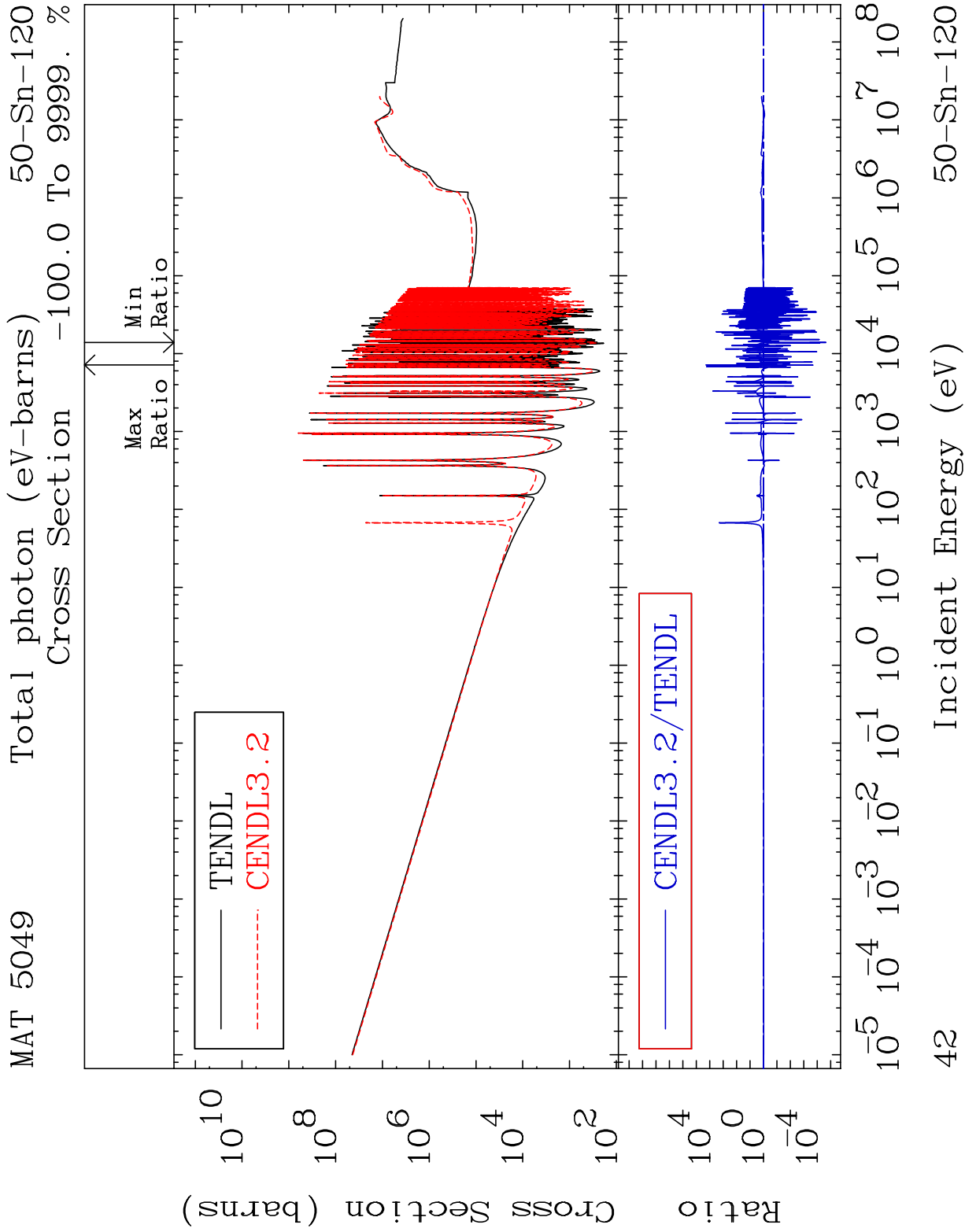


MAT 5049Kerma fission (mt18 or mt19-20-21-38)50-Sn-120
Cross Section -100.0 To 397.7 %

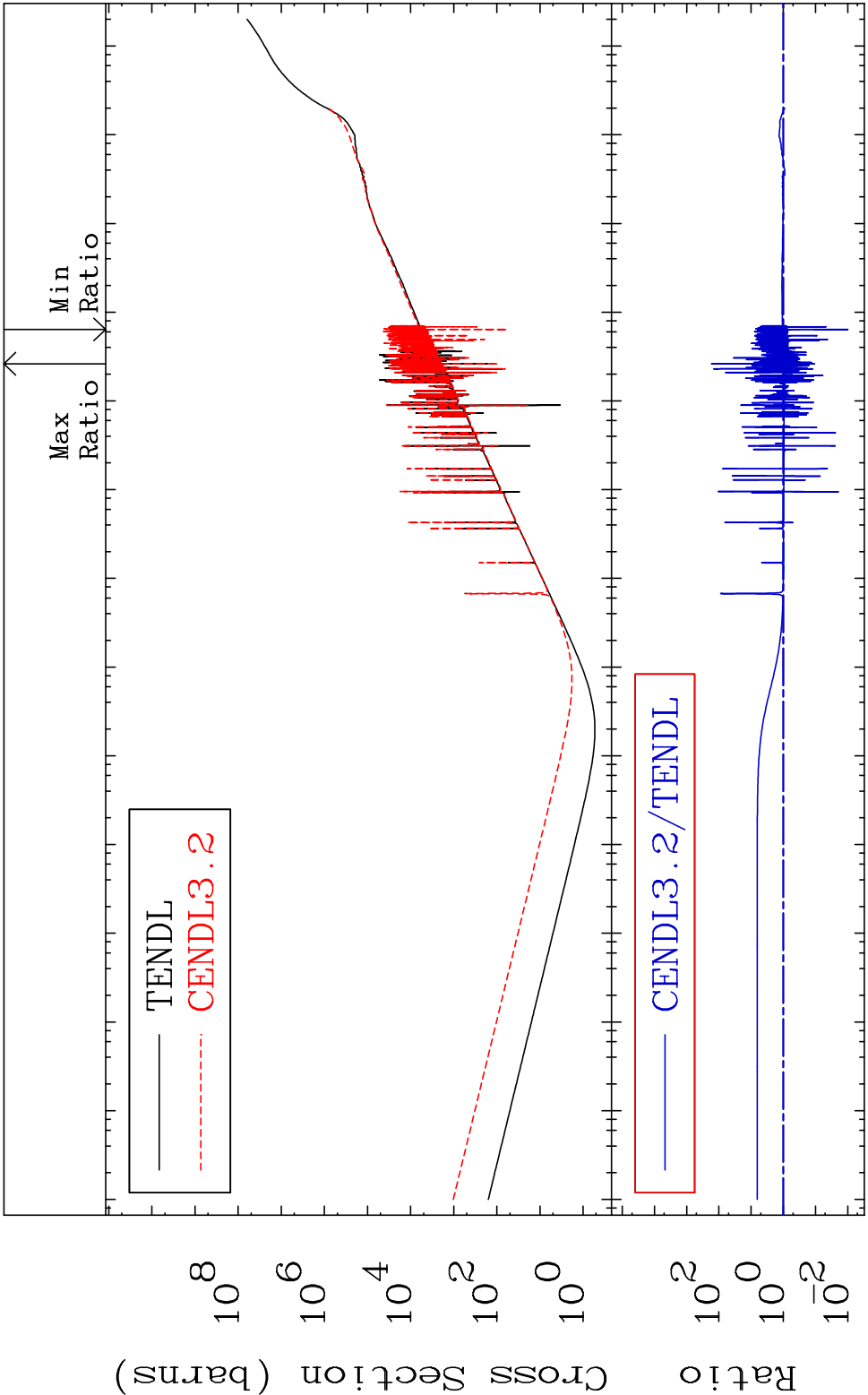


40 Incident Energy (eV) 50-Sn-120





MAT 5049 Total kinematic kerma (high limit) 50-Sn-120
Cross Section -99.00 To 9999. %



43 Incident Energy (eV) 50-Sn-120

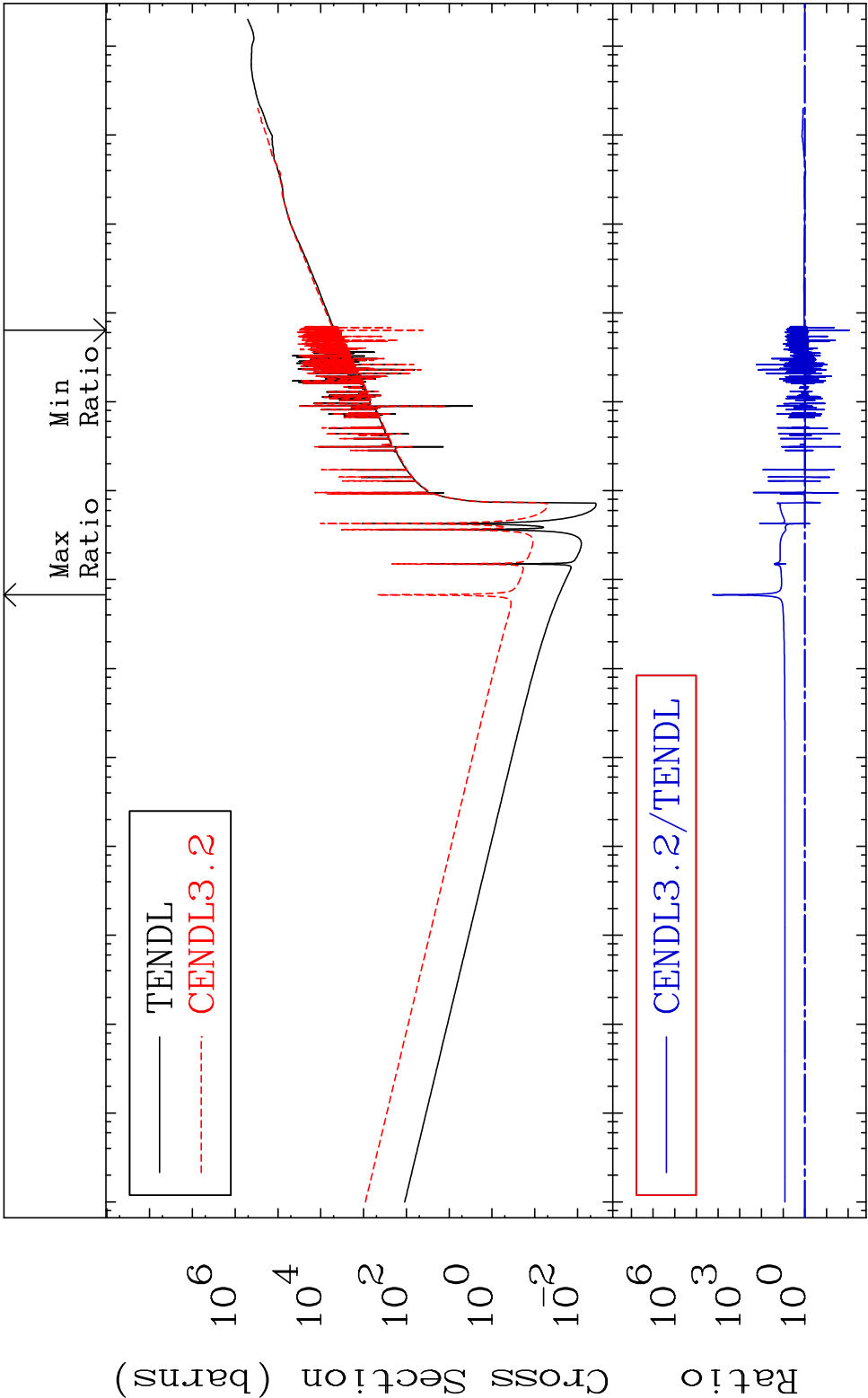
MAT 5049

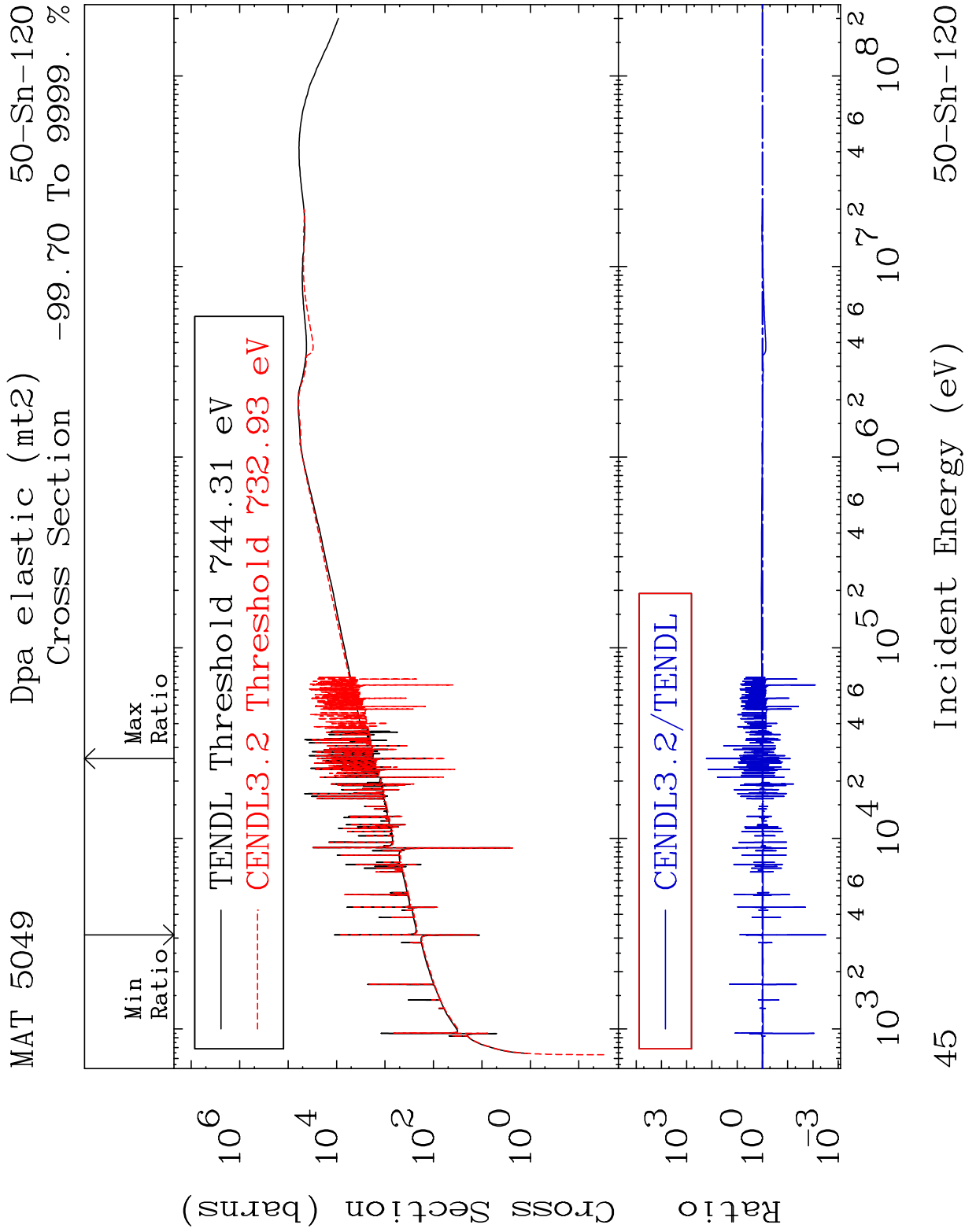
Dpa total (eV-barns)

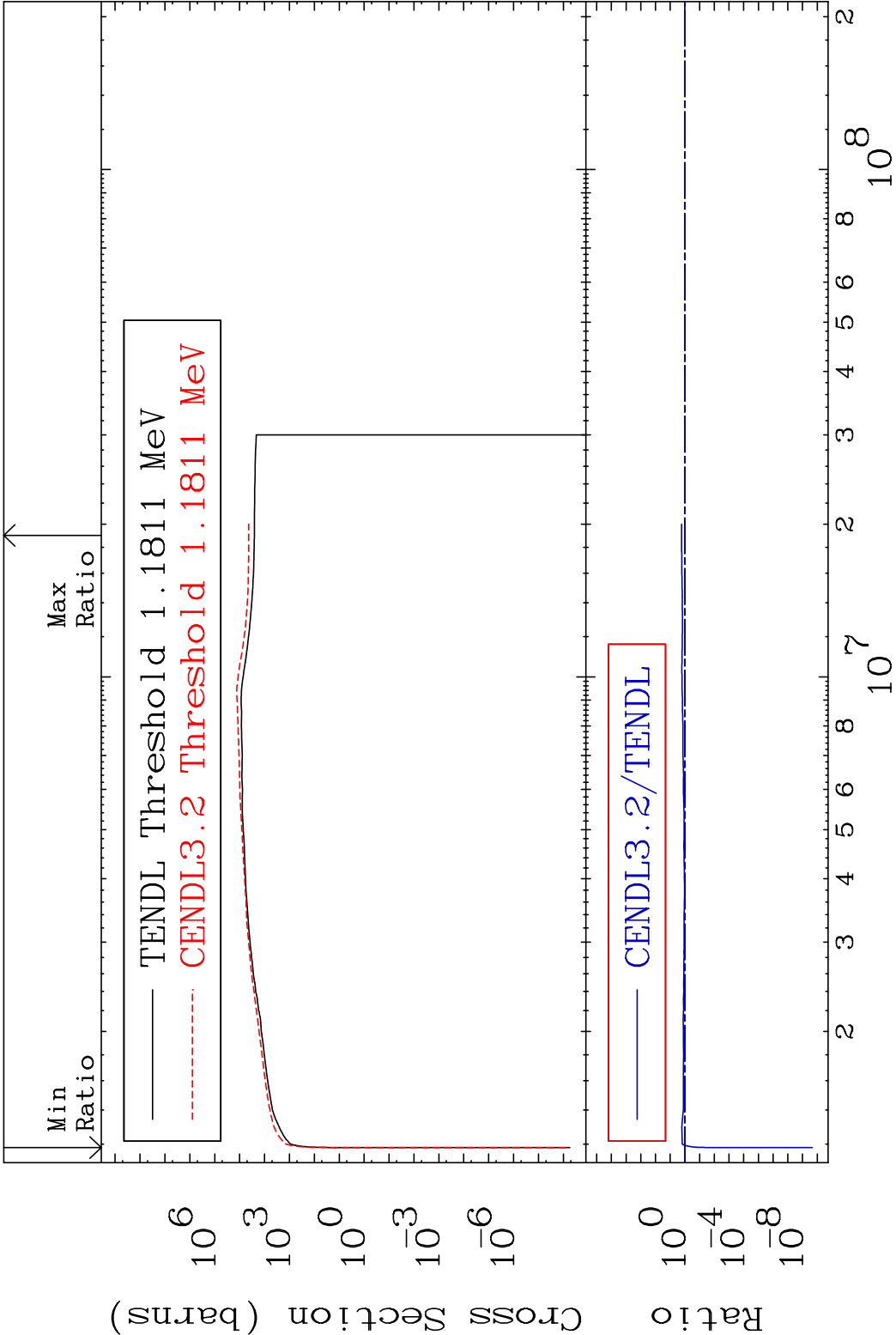
50-Sn-120

Cross Section

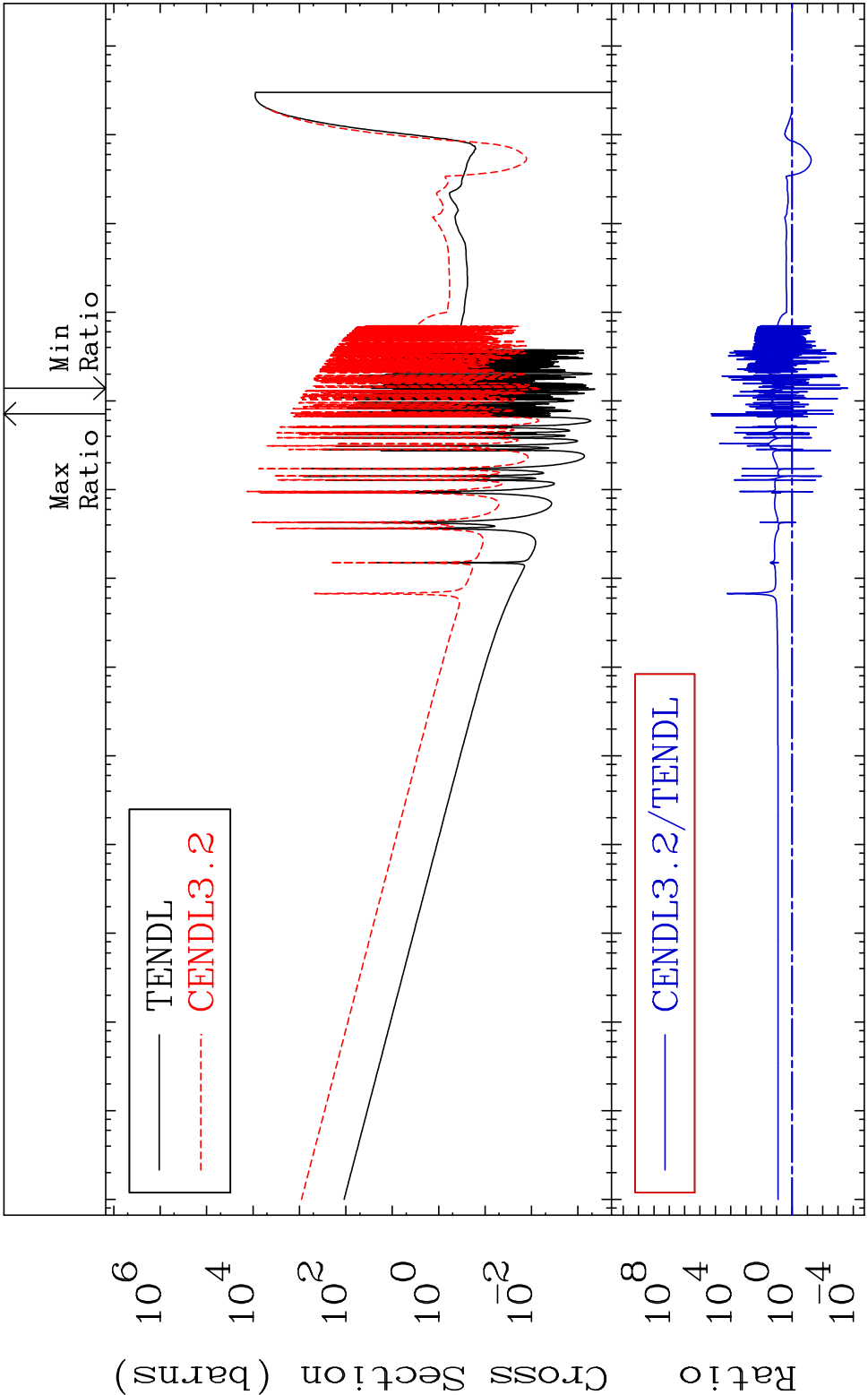
-99.13 To 9999. %





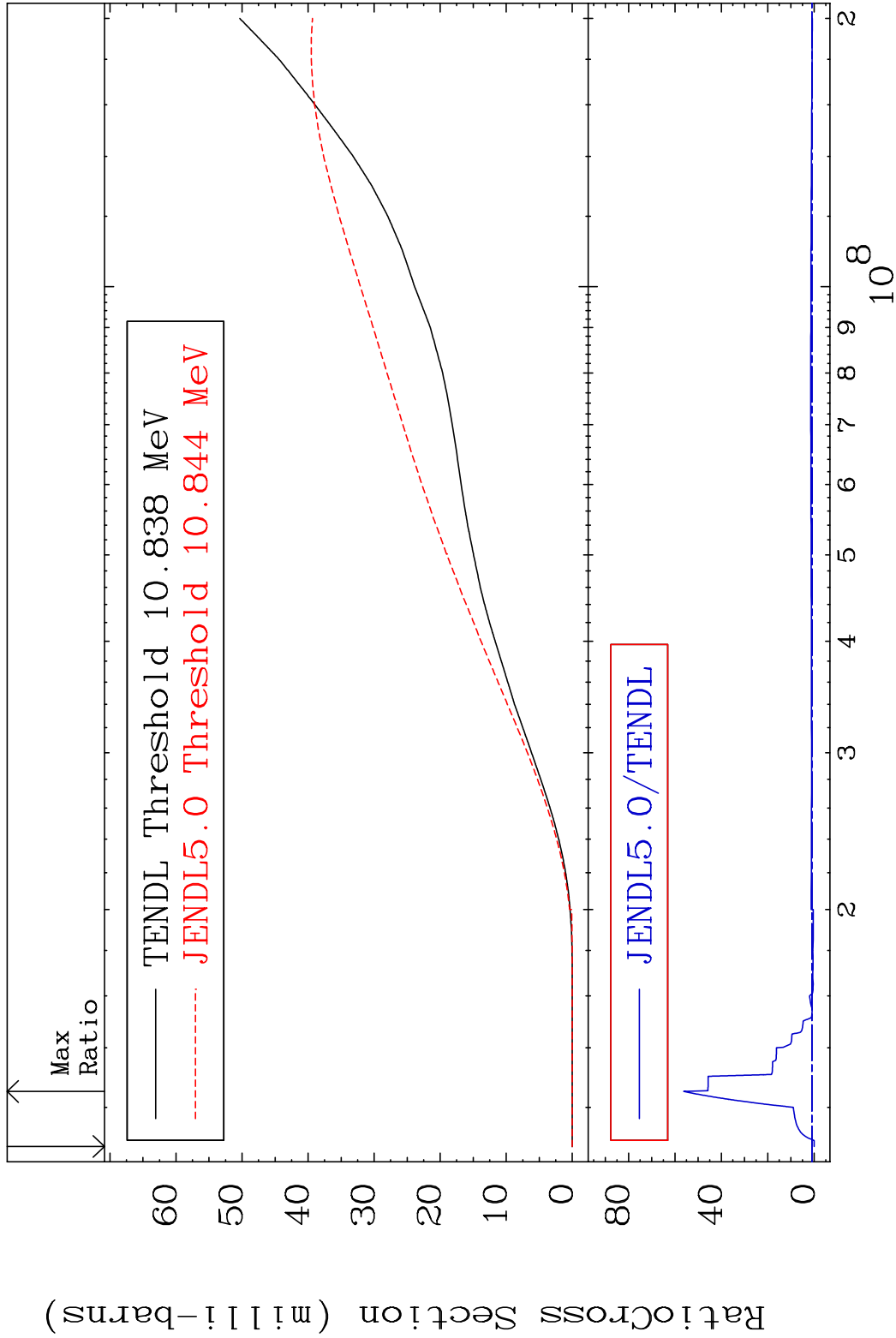


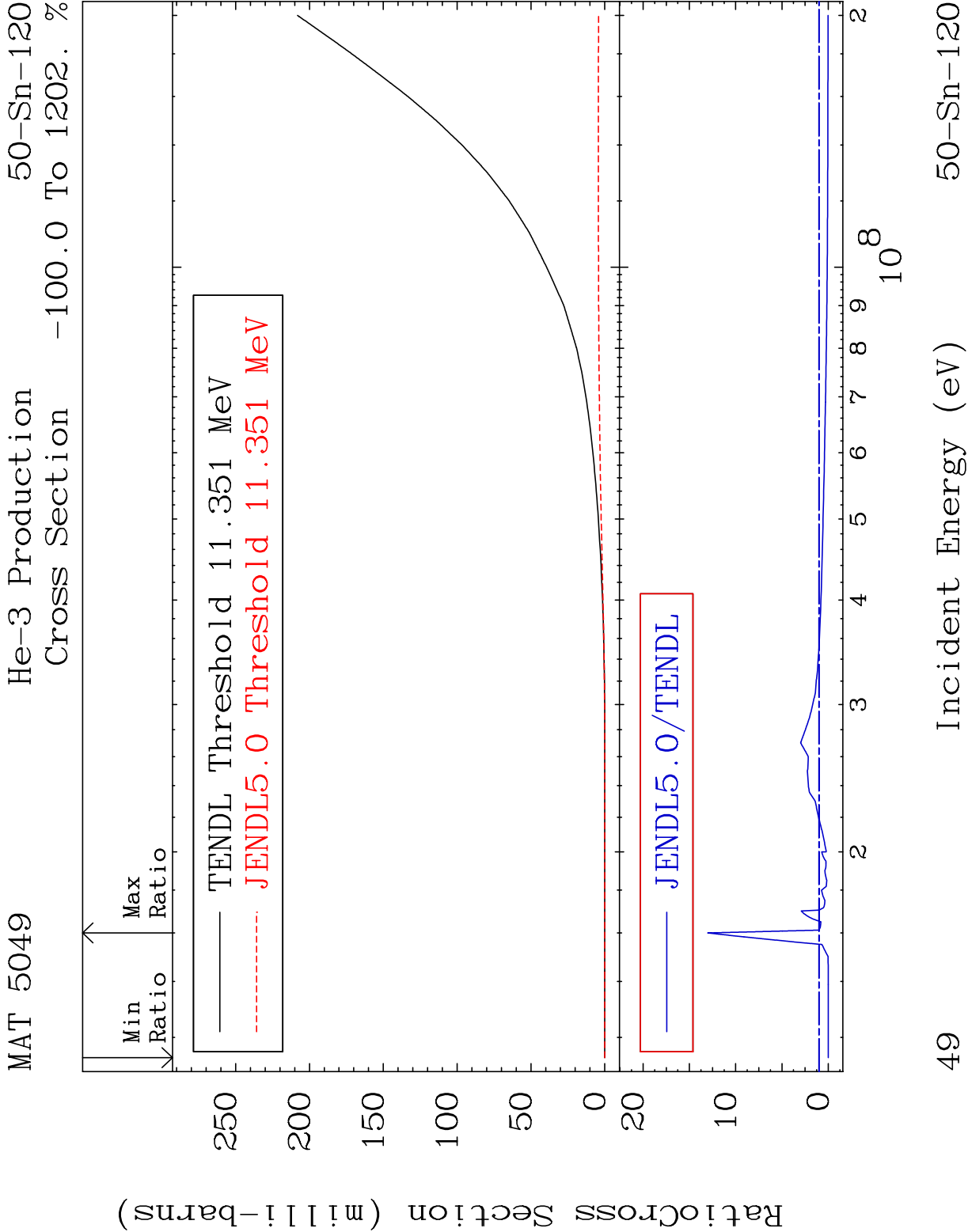
MAT 5049 Dpa disappearance (mt102 -120) 50-Sn-120
 Cross Section -99.98 To 9999. %



47 Incident Energy (eV) 50-Sn-120

MAT 5049 Tritium Production 50-Sn-120
Cross Section -100.0 To 5524. %





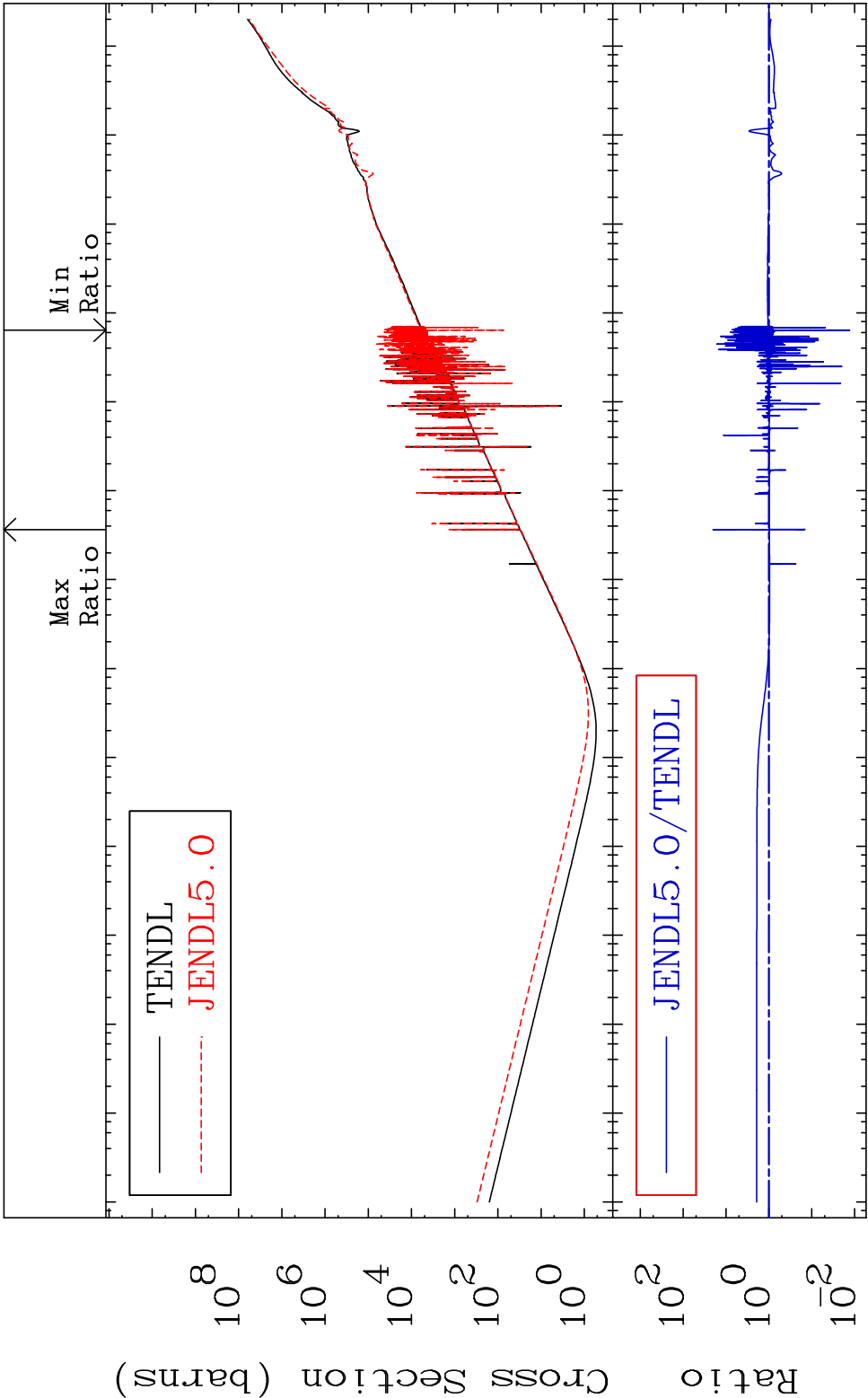
MAT 5049

Kerma total (eV-barns)

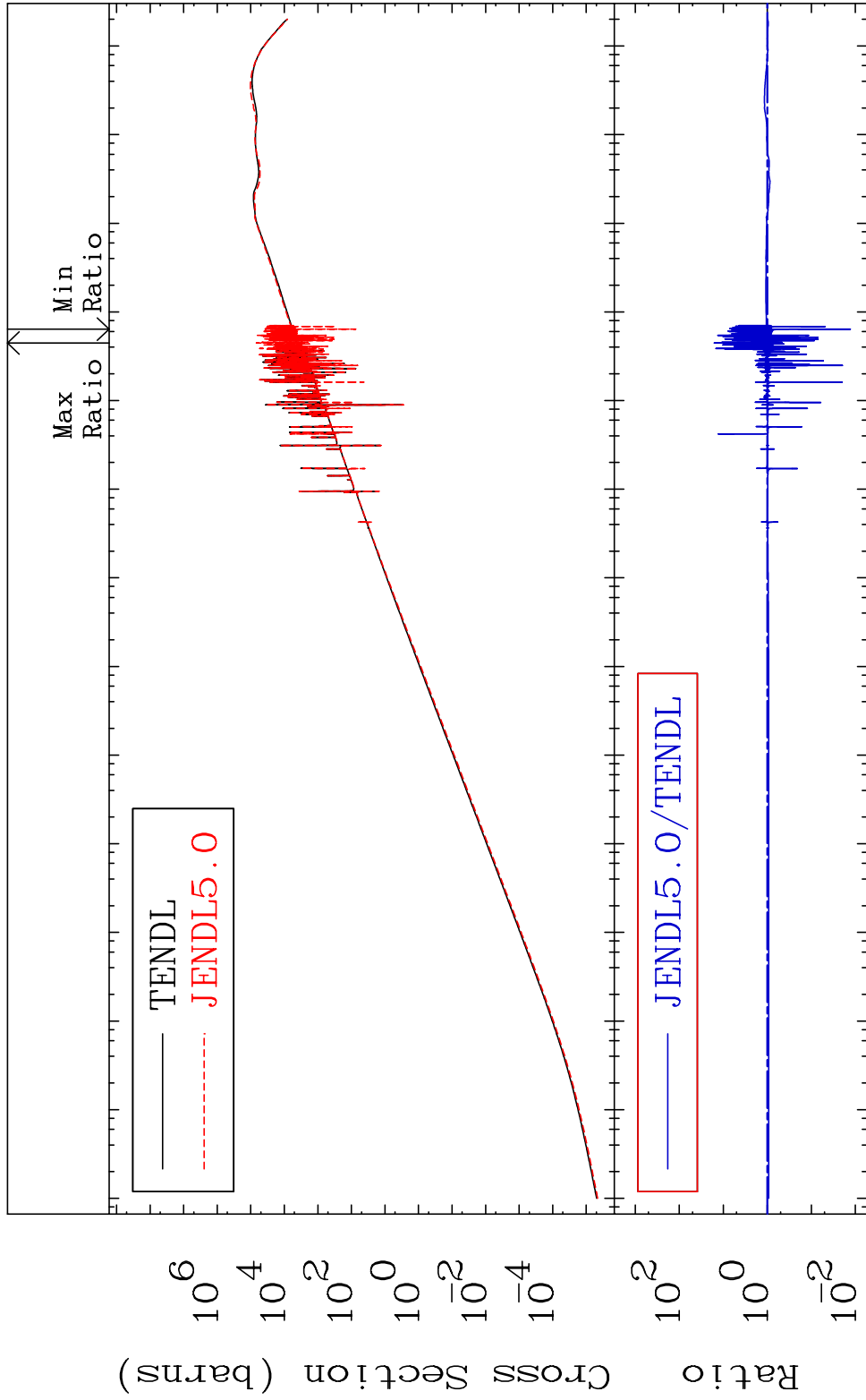
50-Sn-120

Cross Section

-98.69 To 1932. %

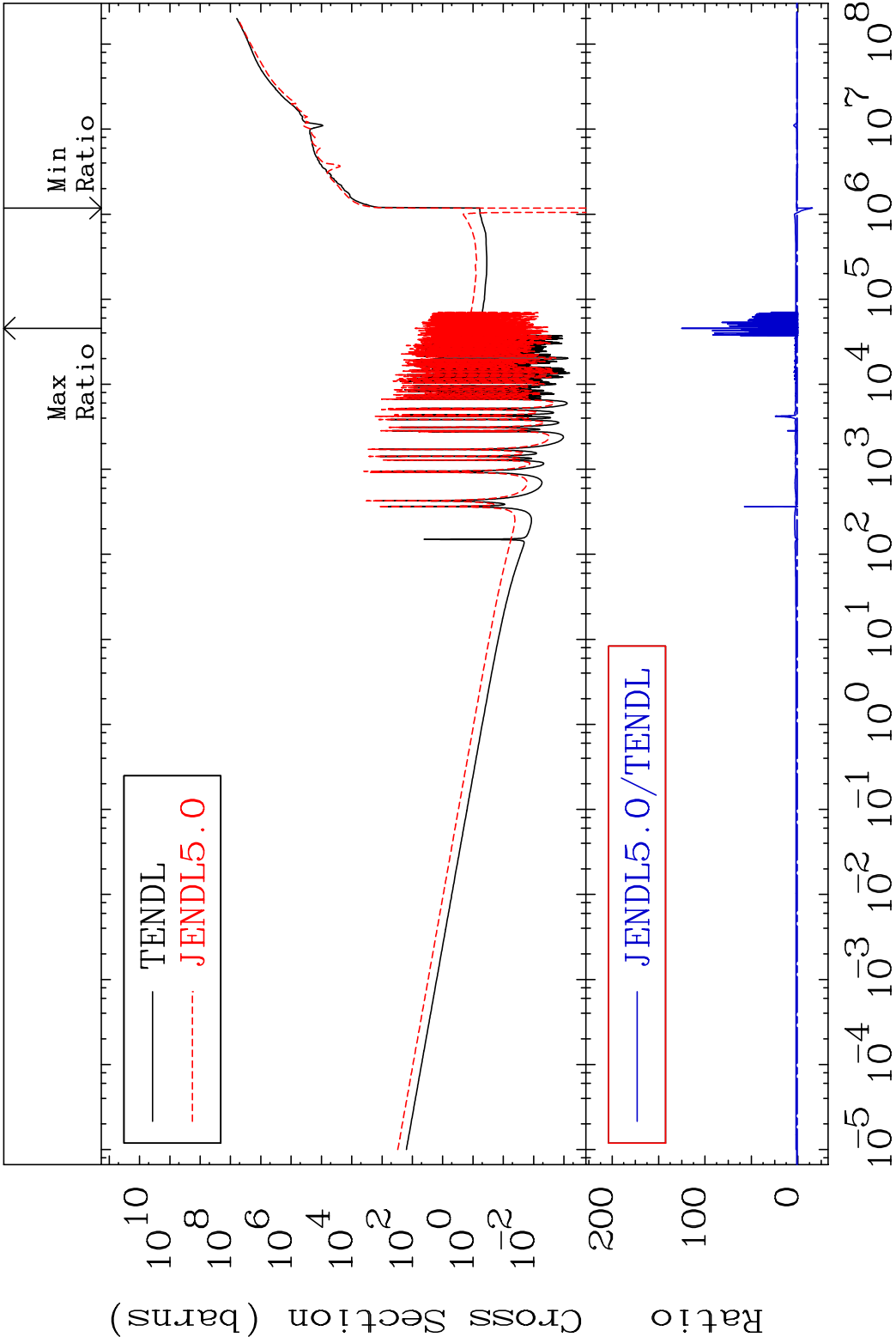


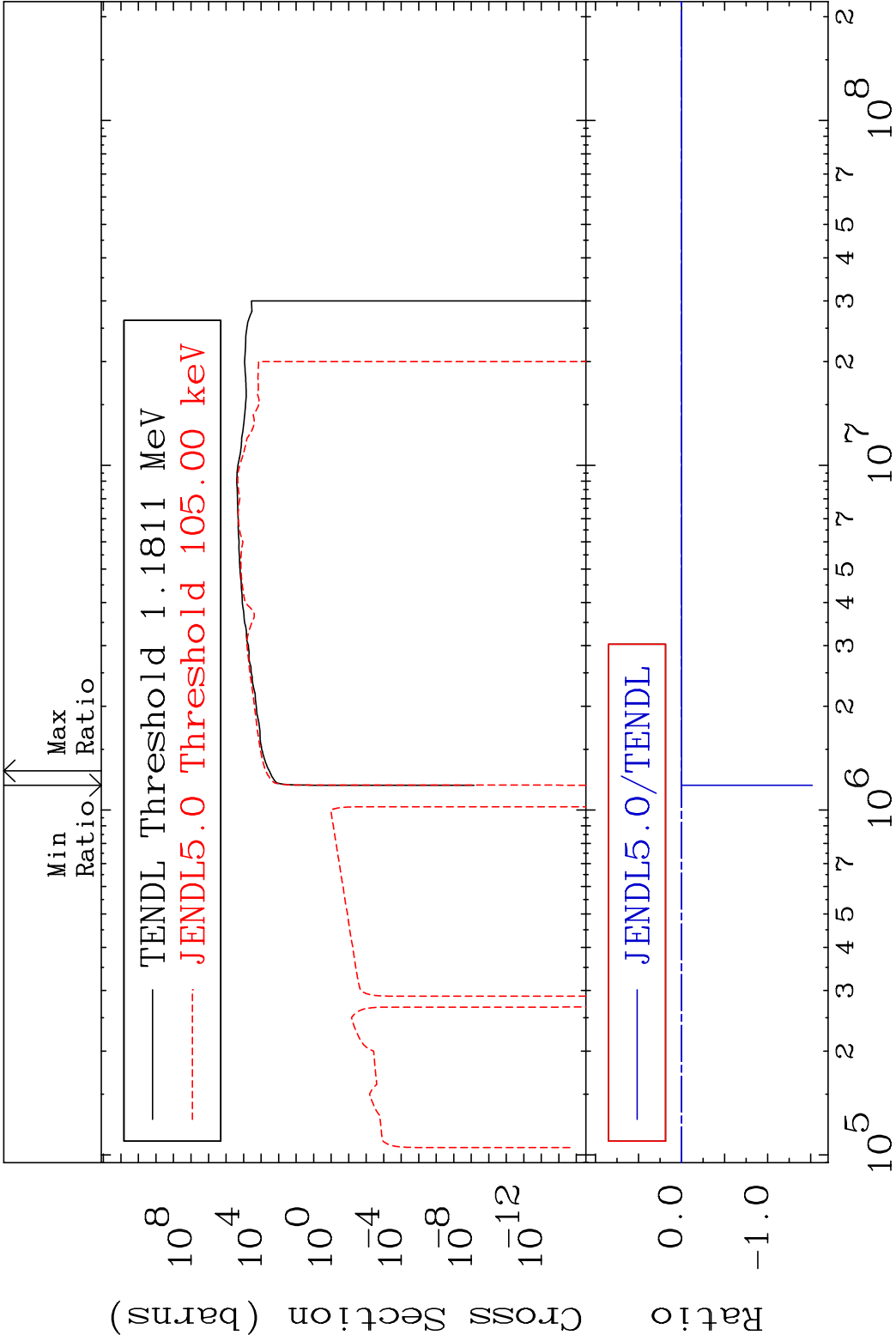
MAT 5049 Kerma elastic 50-Sn-120
Cross Section -98.70 To 1522. %



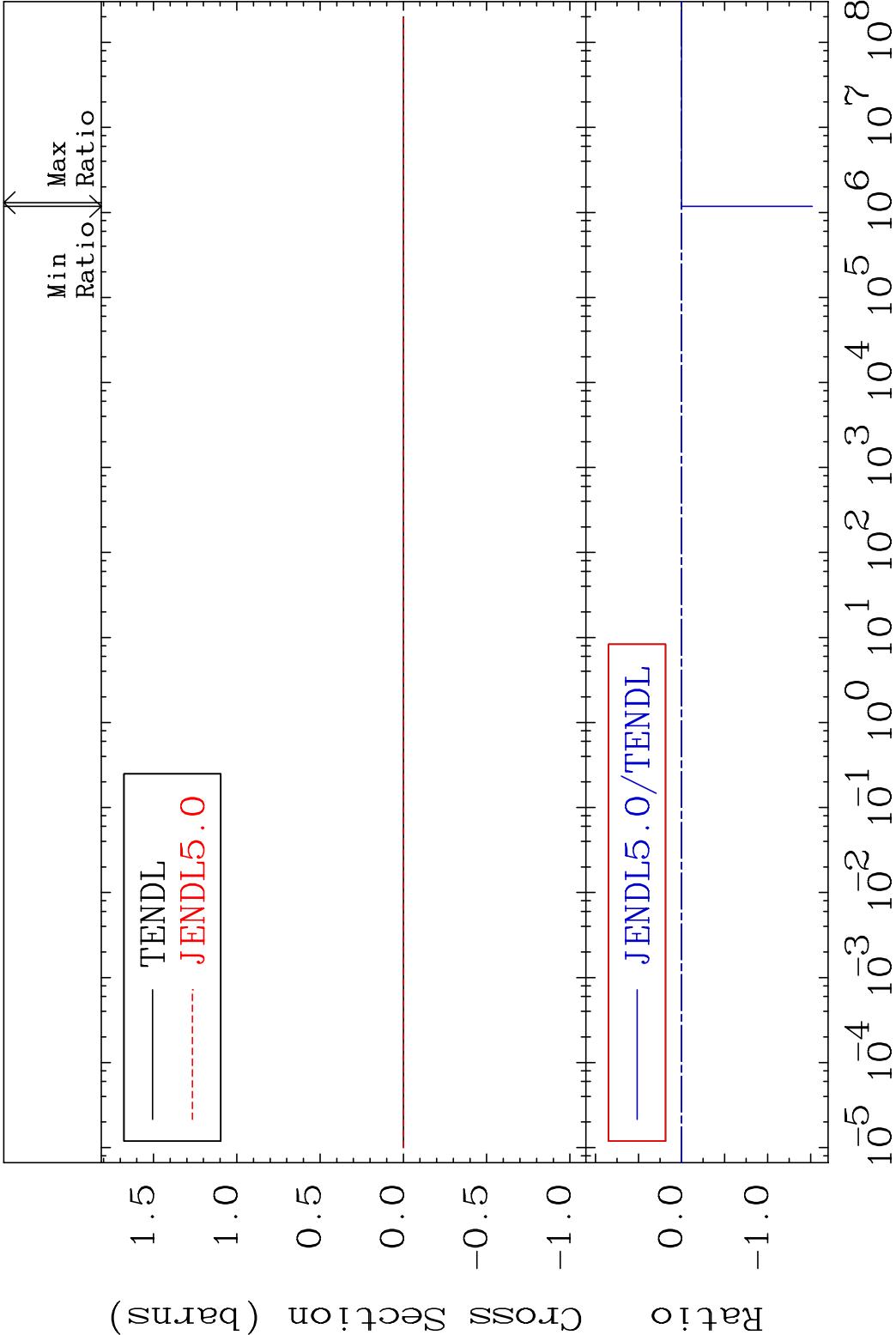
52 Incident Energy (eV) 50-Sn-120

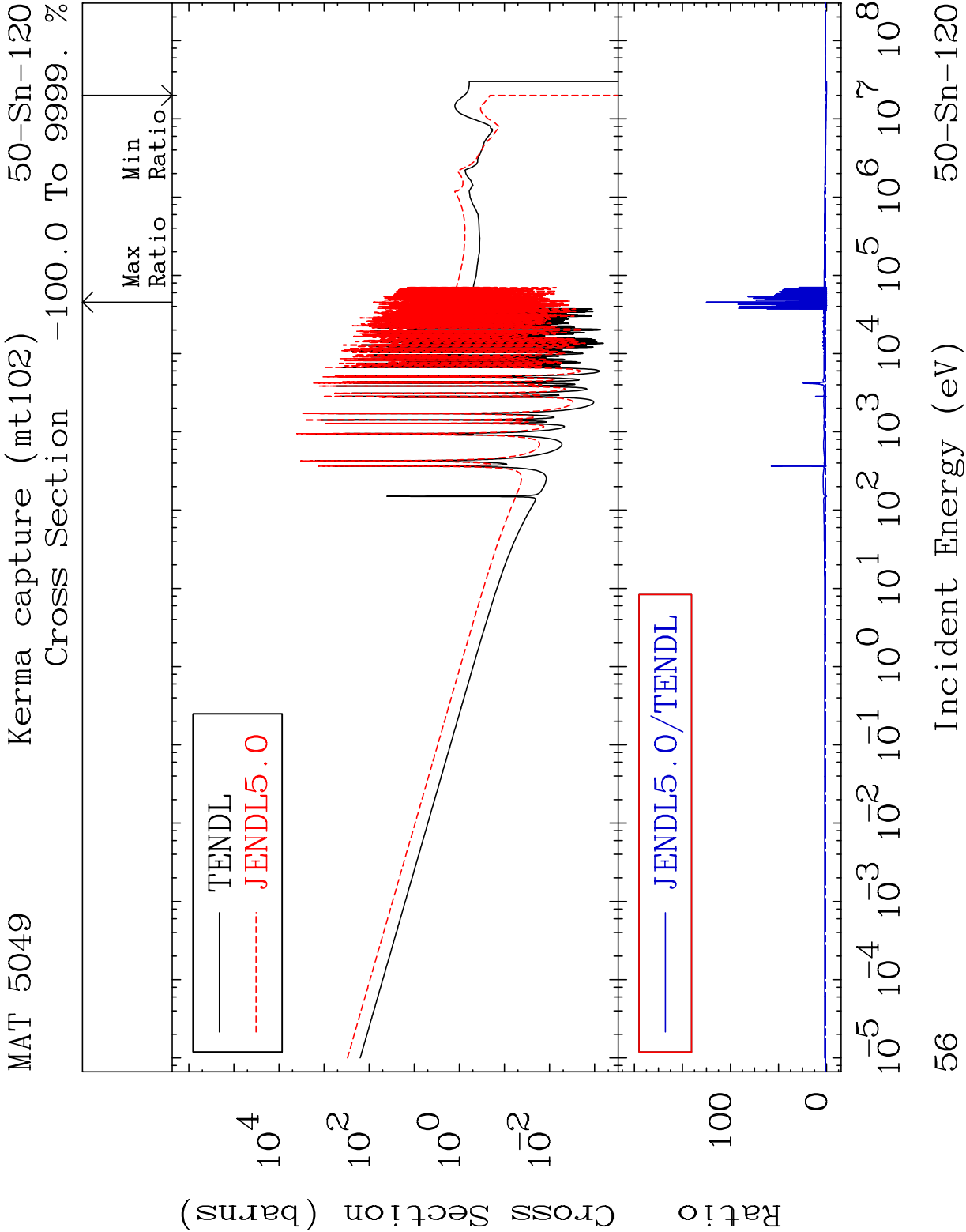
MAT 5049 Kerma non-elastic (all but mt2) 50-Sn-120
Cross Section -1645. To 9999. %



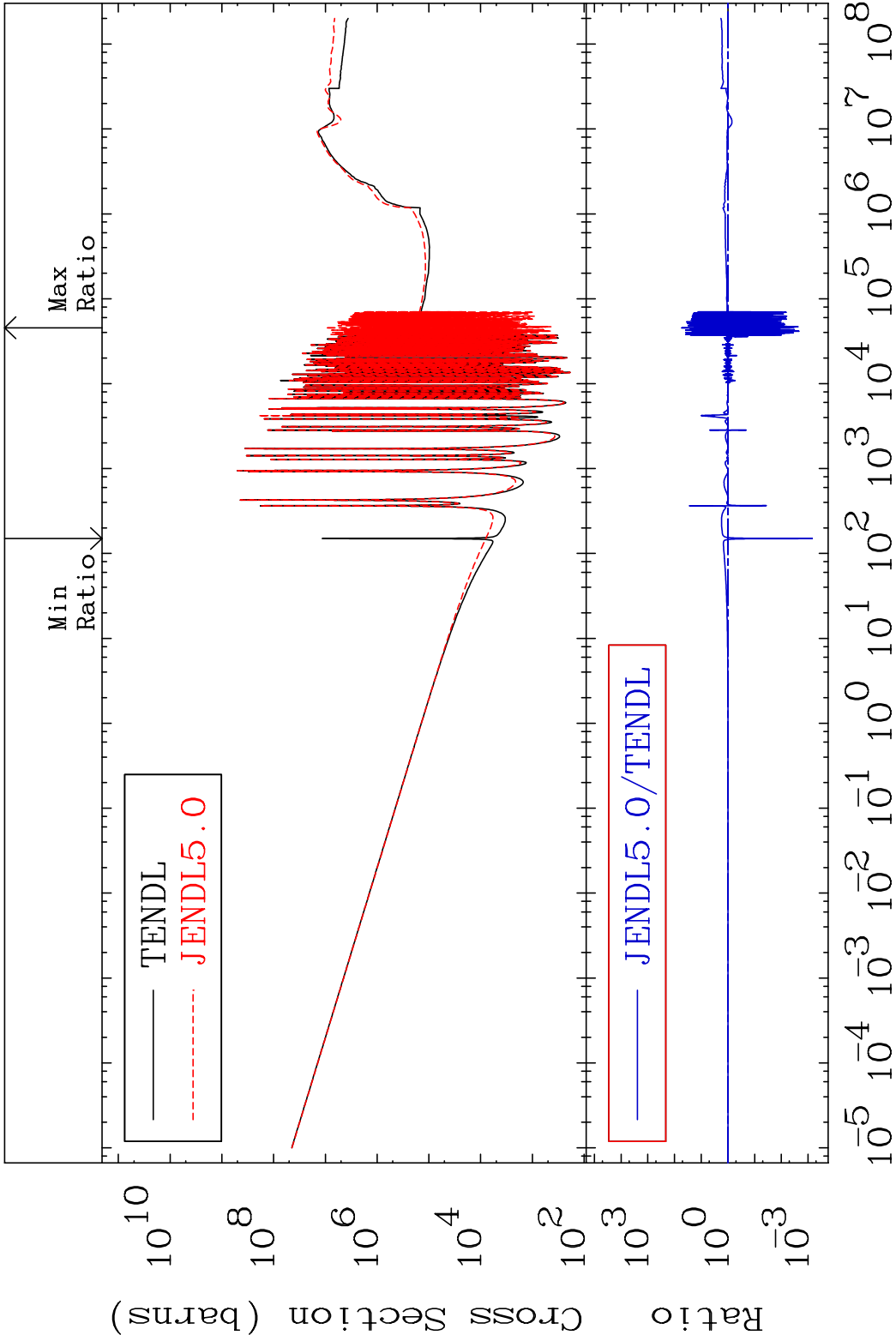


MAT 5049Kerma fission (mt18 or mt19-20-21-38)50-Sn-120
Cross Section -9999. To 63.89 %



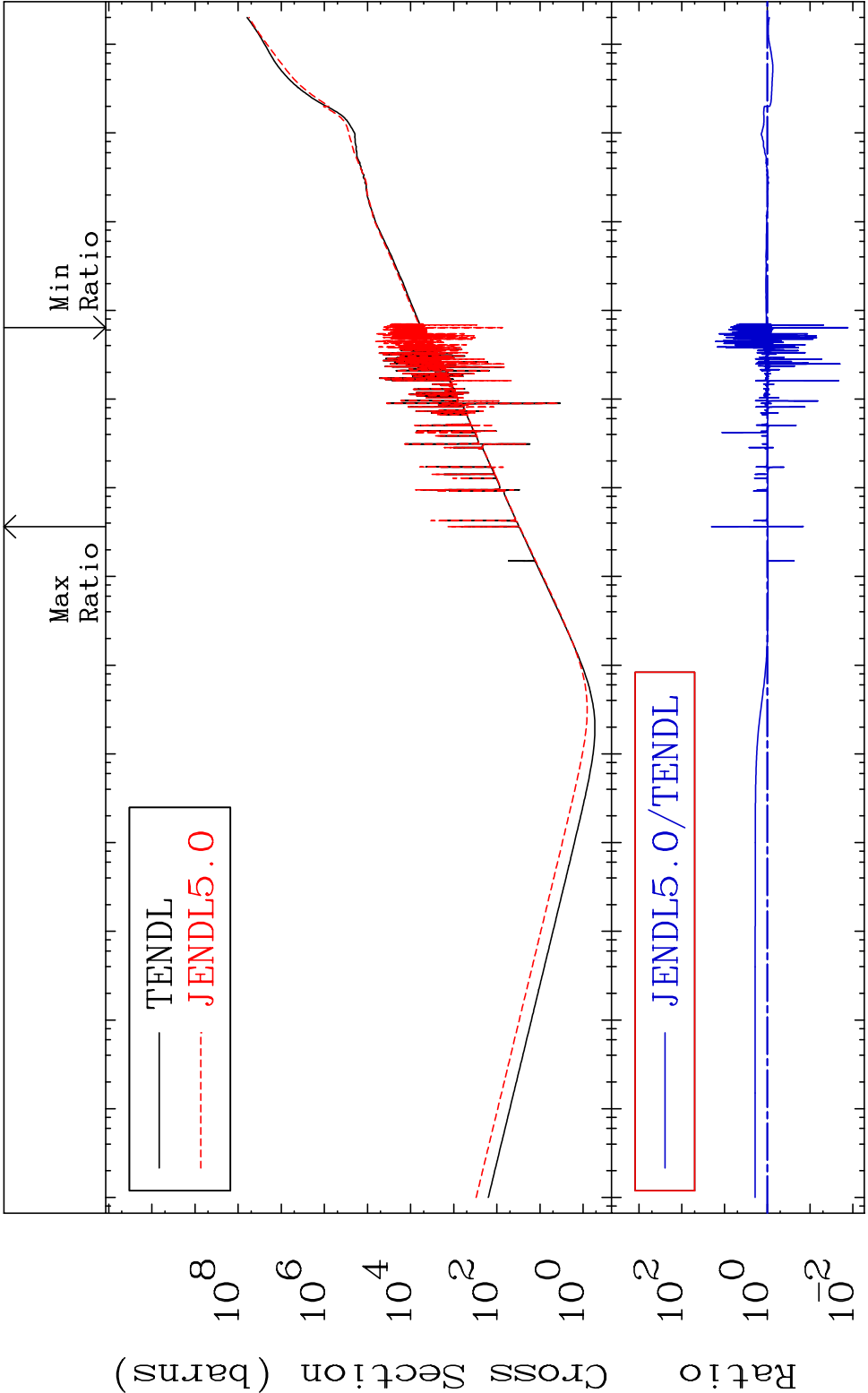


MAT 5049 Total photon (eV-barns) 50-Sn-120
Cross Section -99.93 To 5264. %



57 Incident Energy (eV) 50-Sn-120

MAT 5049 Total kinematic kerma (high limit) 50-Sn-120
Cross Section -98.69 To 1932. %



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

58 Incident Energy (eV) 50-Sn-120

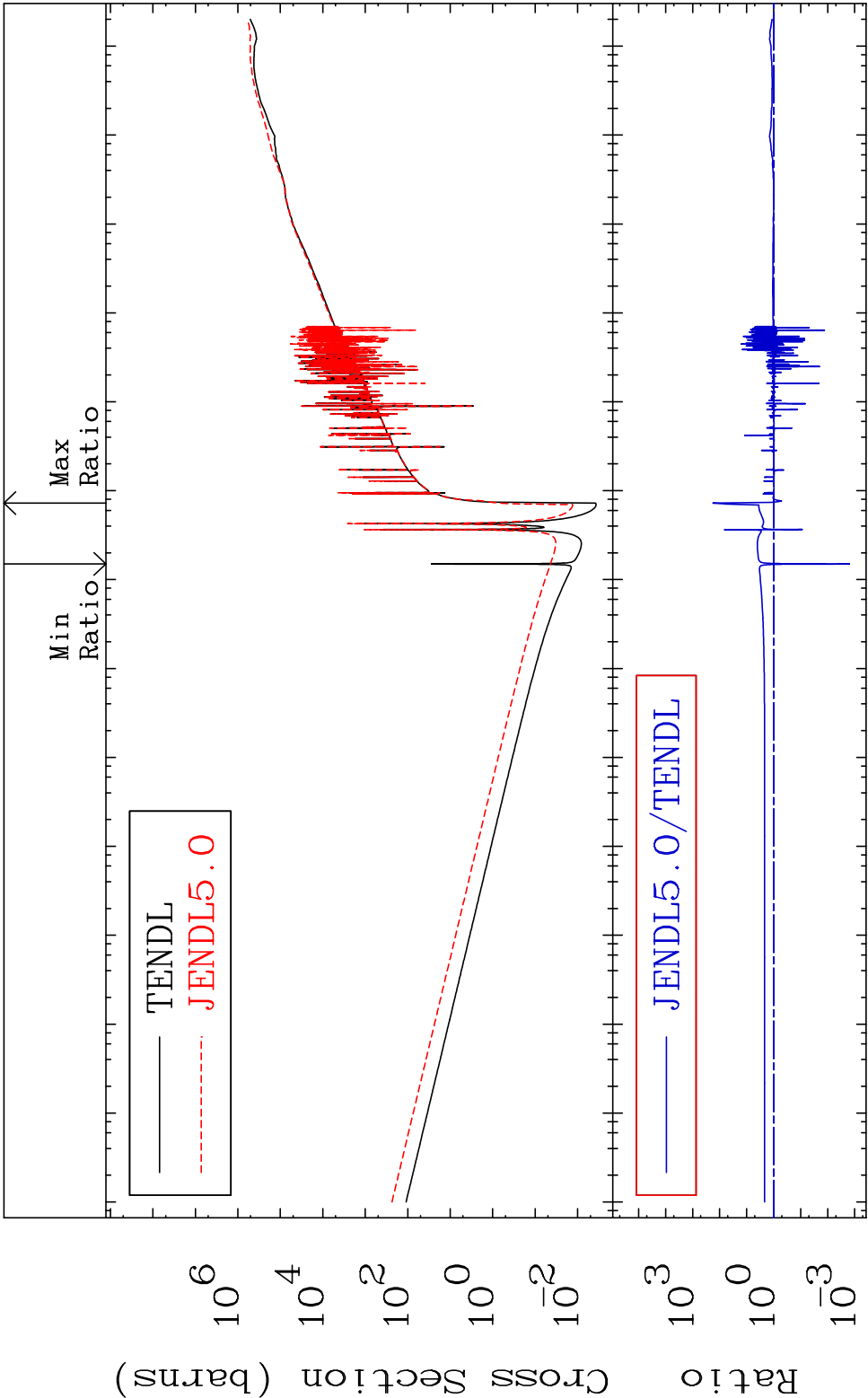
MAT 5049

Dpa total (eV-barns)

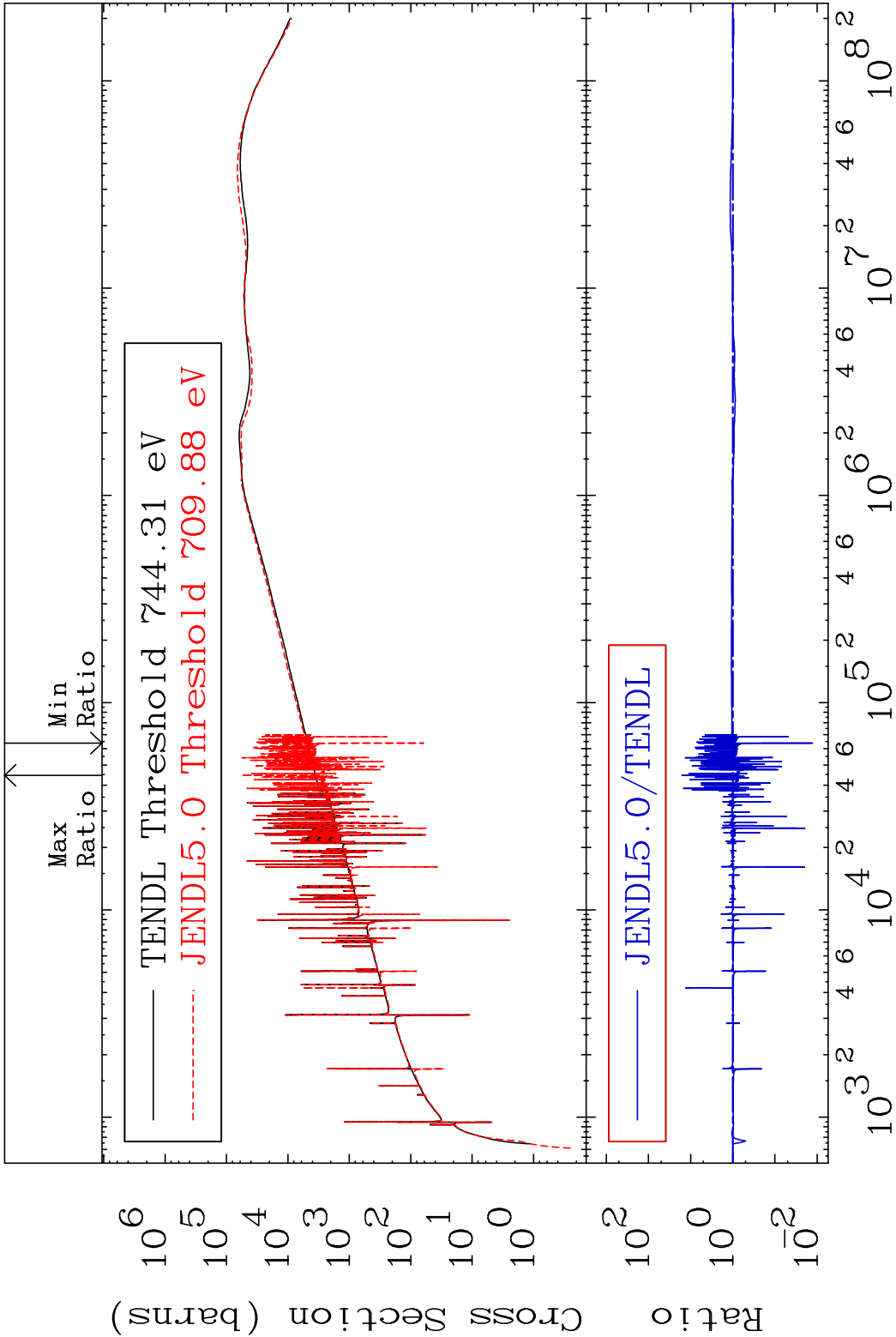
50-Sn-120

Cross Section

-99.84 To 9999. %

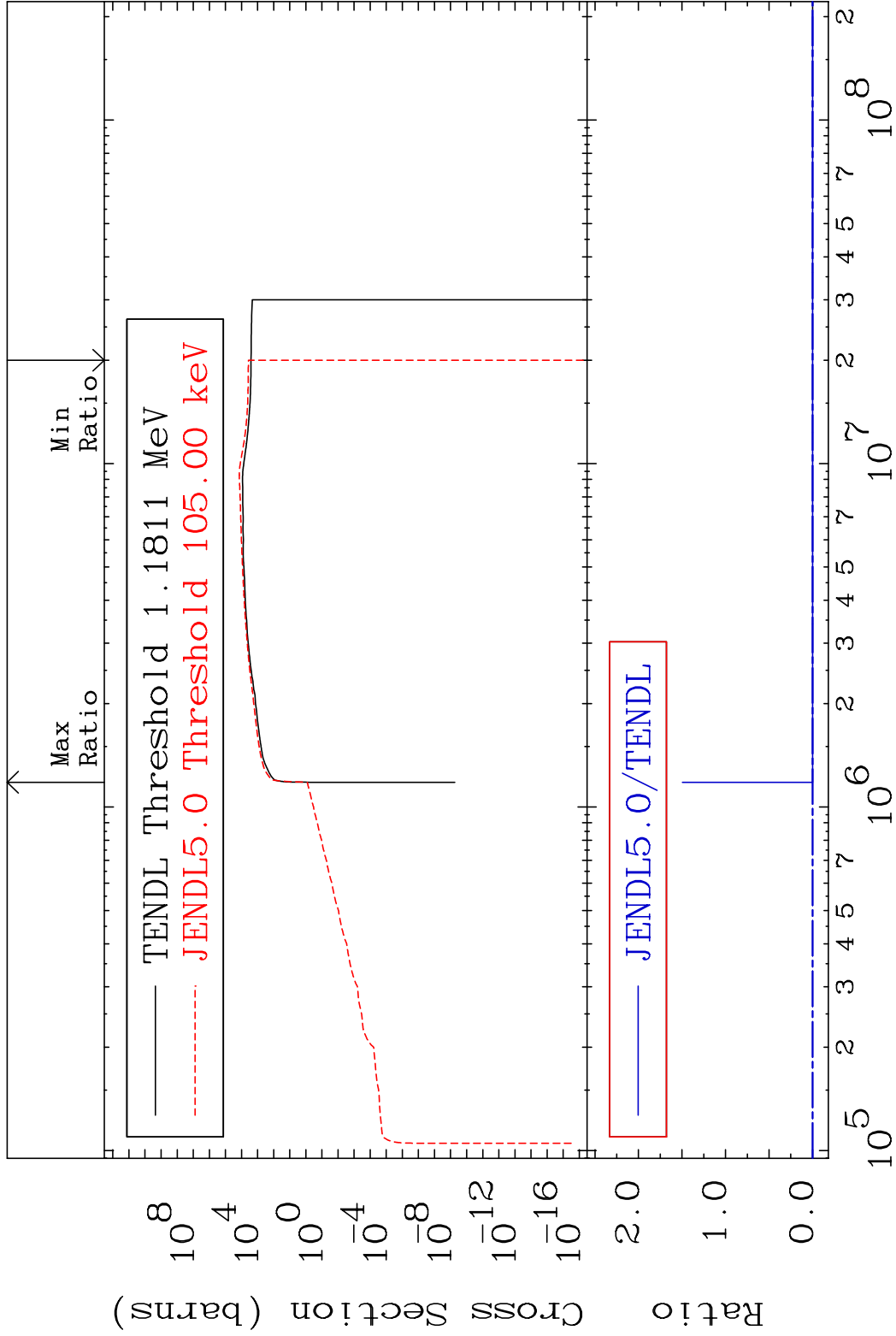


MAT 5049	Dpa elastic (mt2)	50-Sn-120
	Cross Section	-98.70 To 1521. %



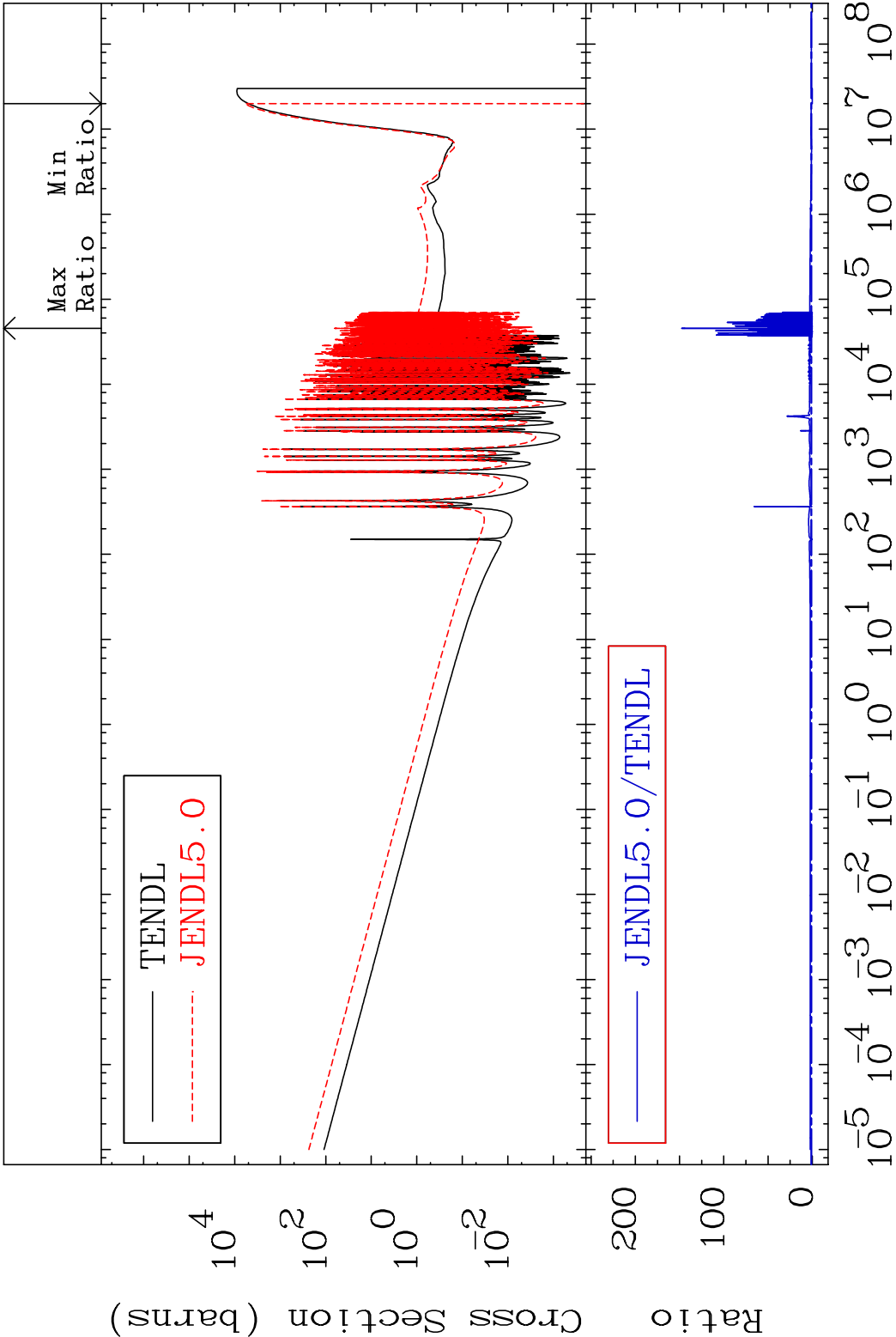
60	Incident Energy (eV)	50-Sn-120
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MAT 5049 Dpa inelastic (mt51-91) 50-Sn-120
Cross Section -100.0 To 9999. %



61 Incident Energy (eV) 50-Sn-120

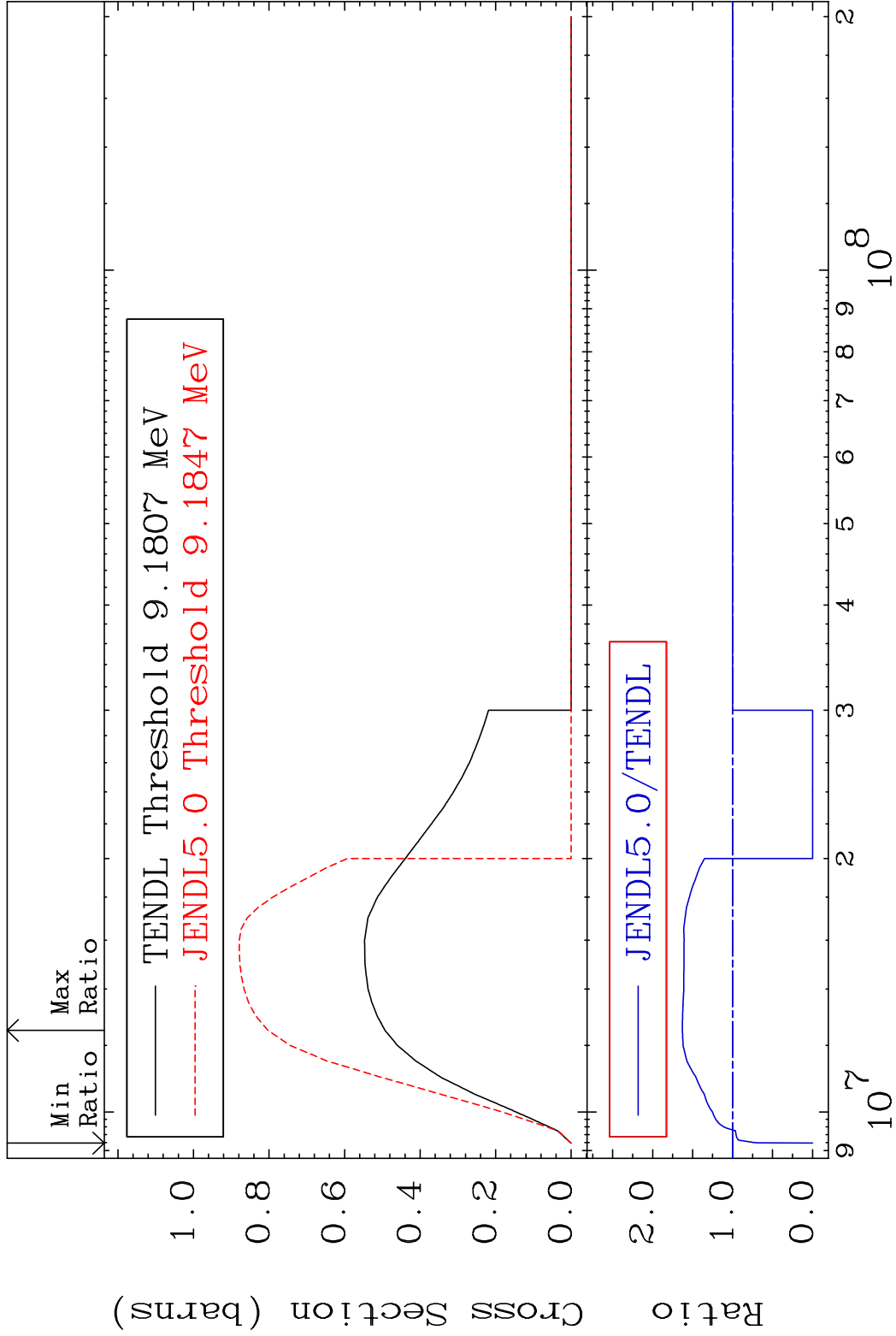
MAT 5049 Dpa disappearance (mt102 -120) 50-Sn-120
Cross Section -100.0 To 9999. %



62 Incident Energy (eV) 50-Sn-120

MAT 5049 (n,2n):50-Sn-119g 50-Sn-120

Radionuclide Production Cross Section (barns) 62.83 %



63

