

Program Complot
(Version 2021-1)

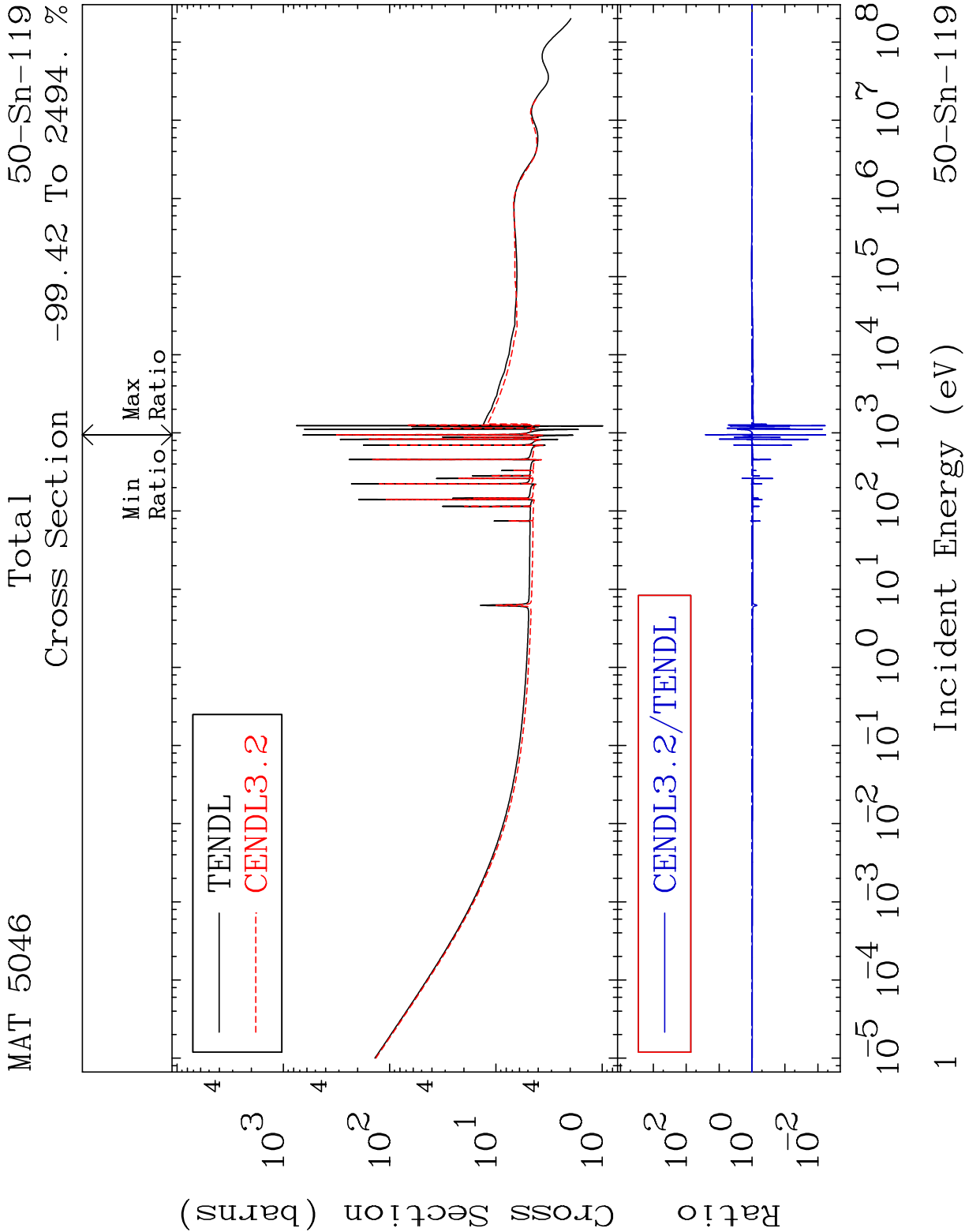
by

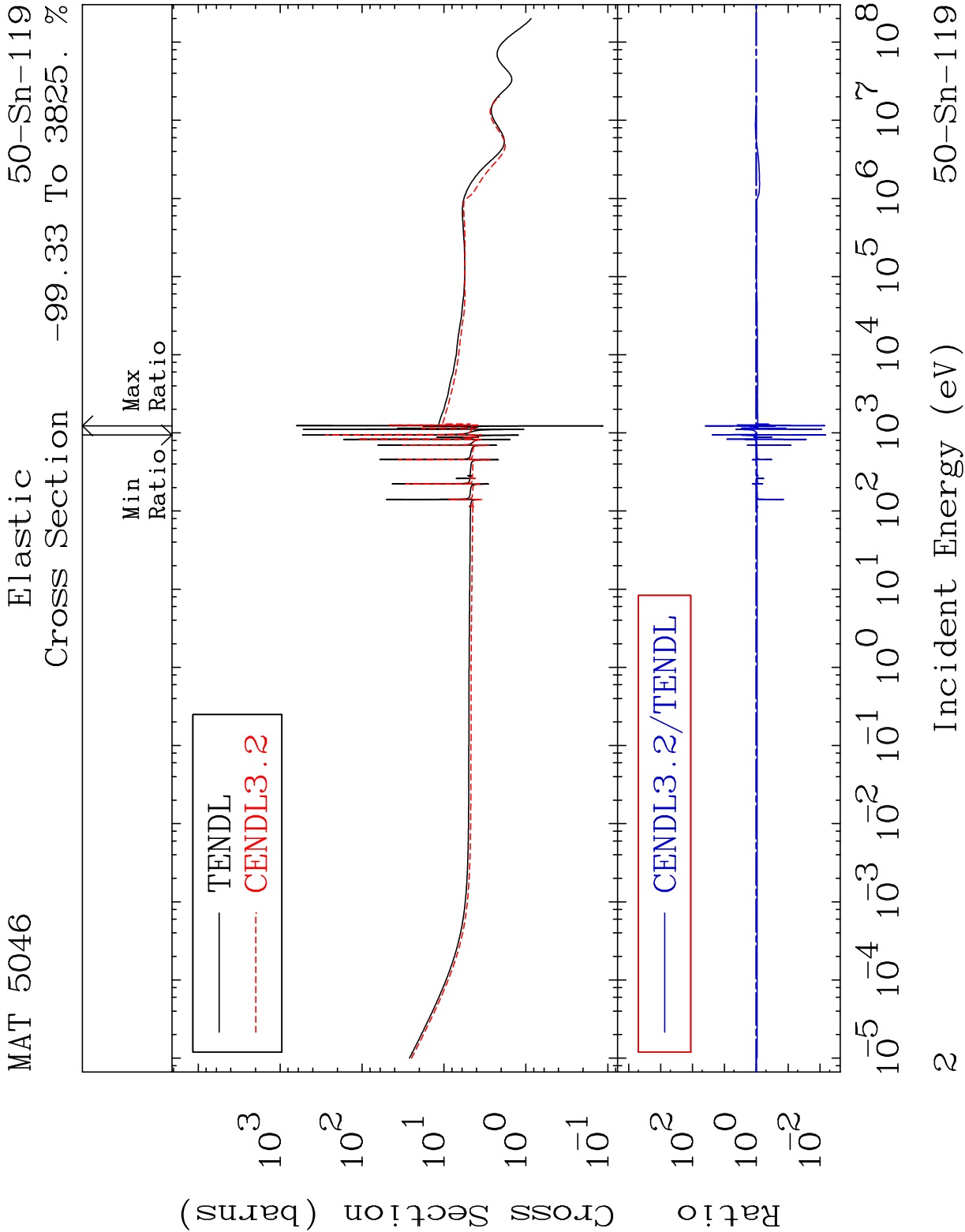
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start



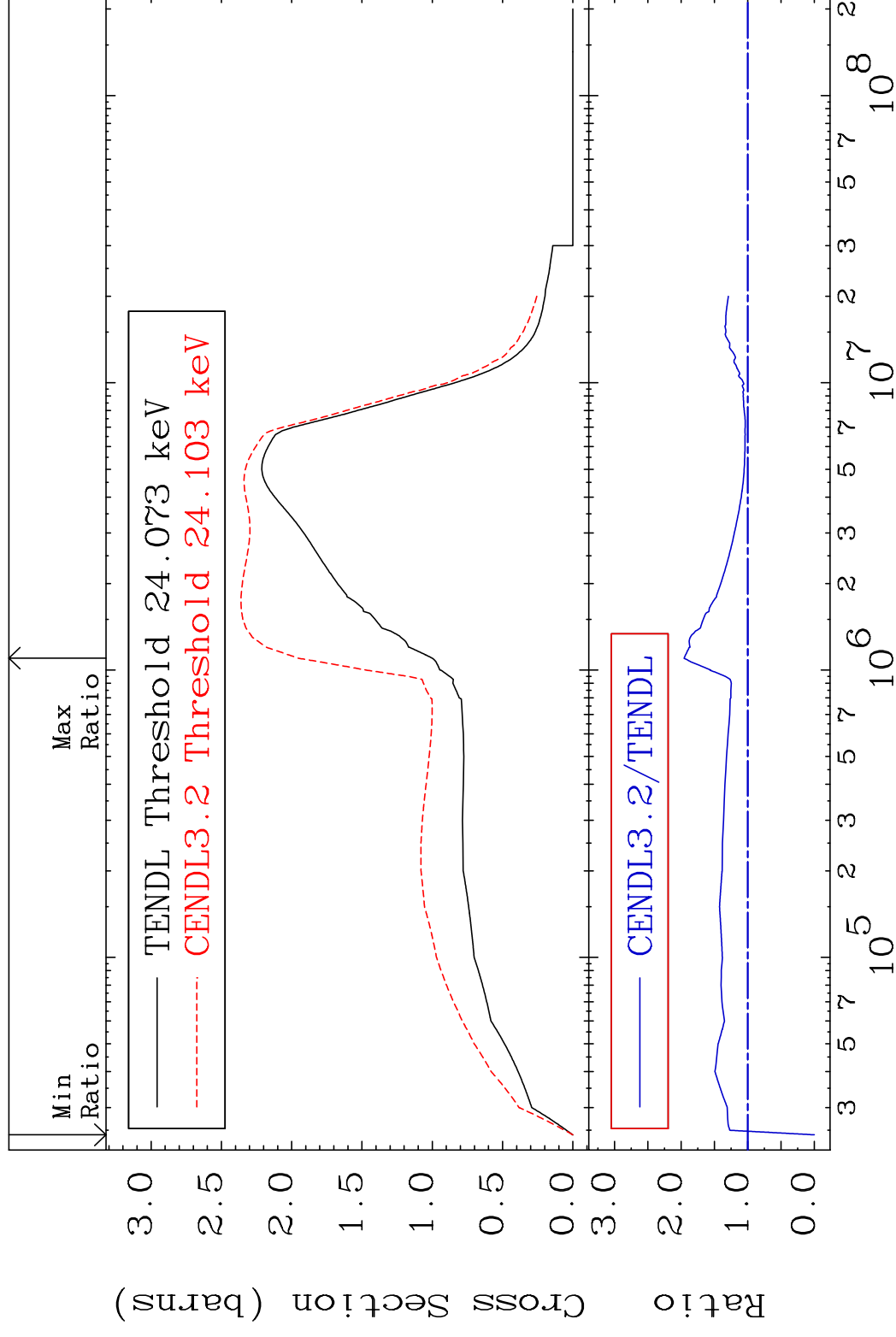


MAT 5046

Inelastic

50-Sn-119

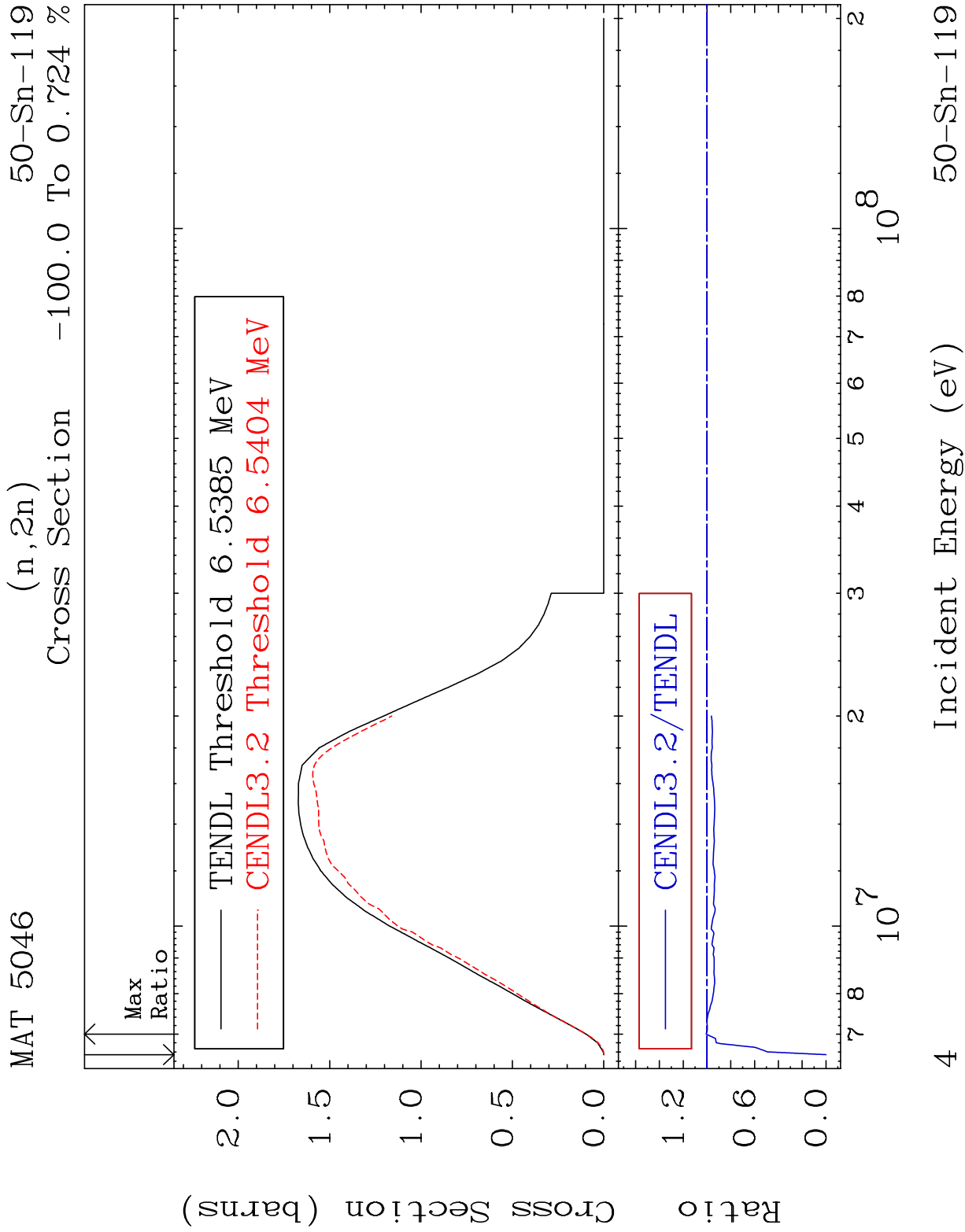
Cross Section	-100.0	To 95.58 %
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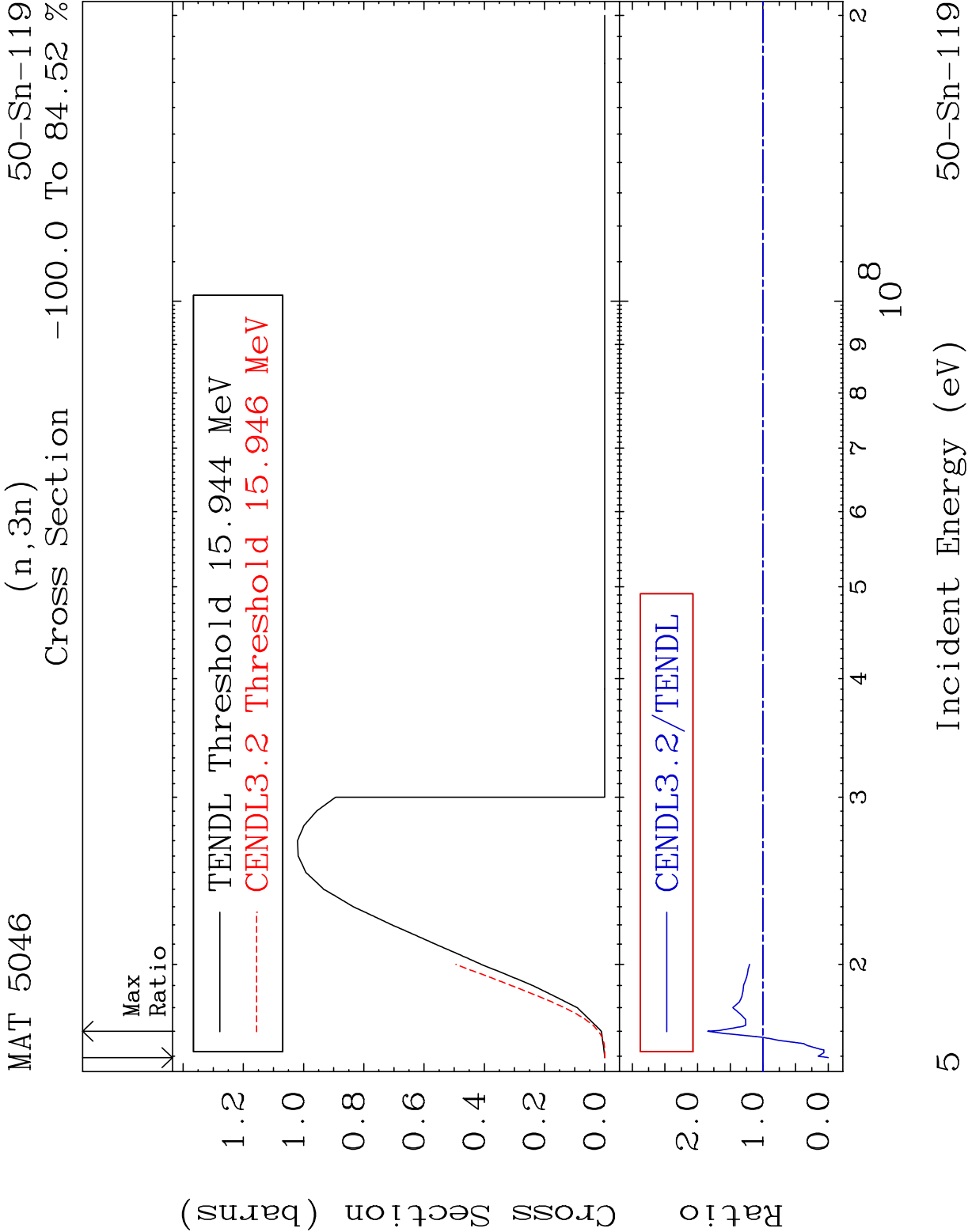


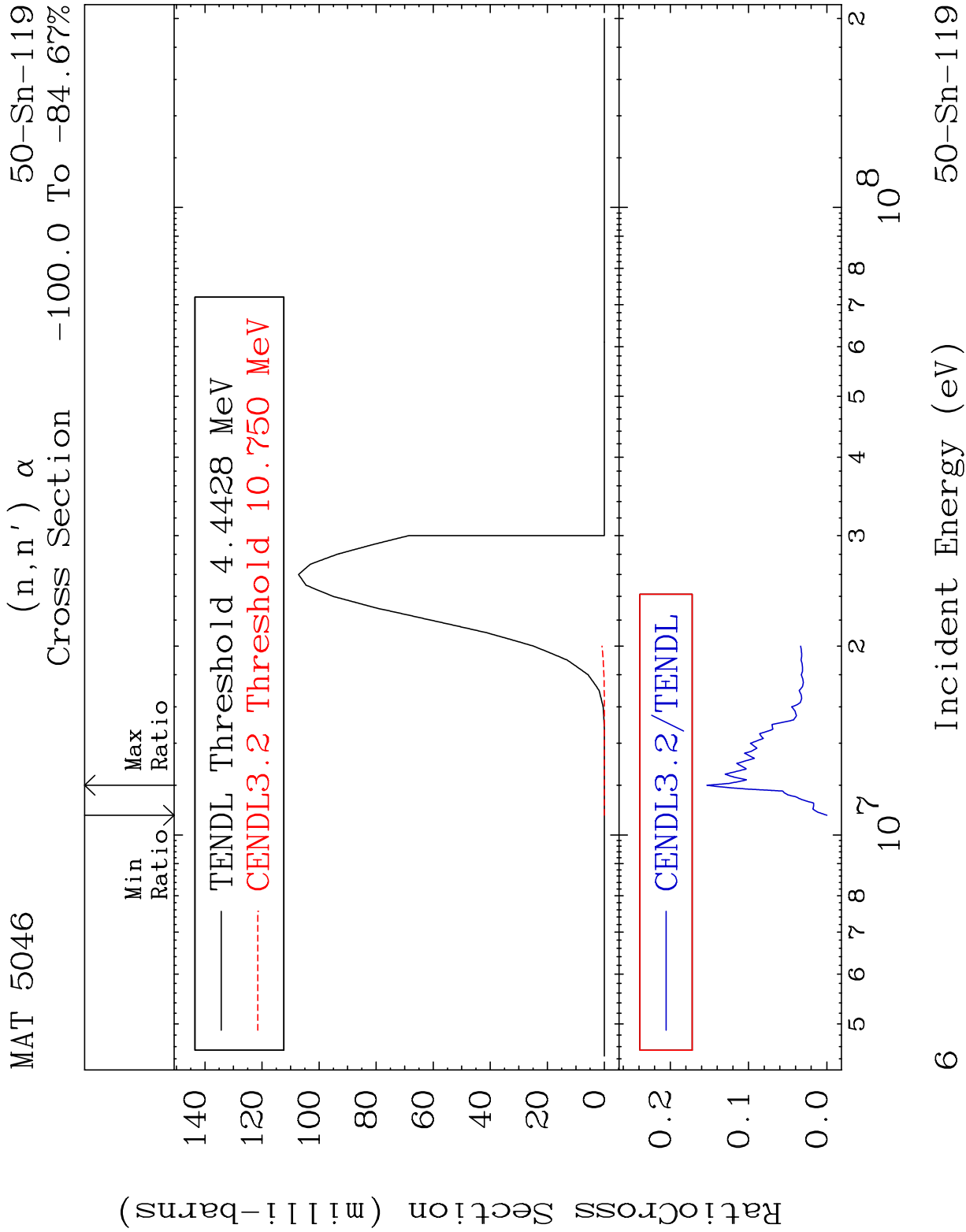
3

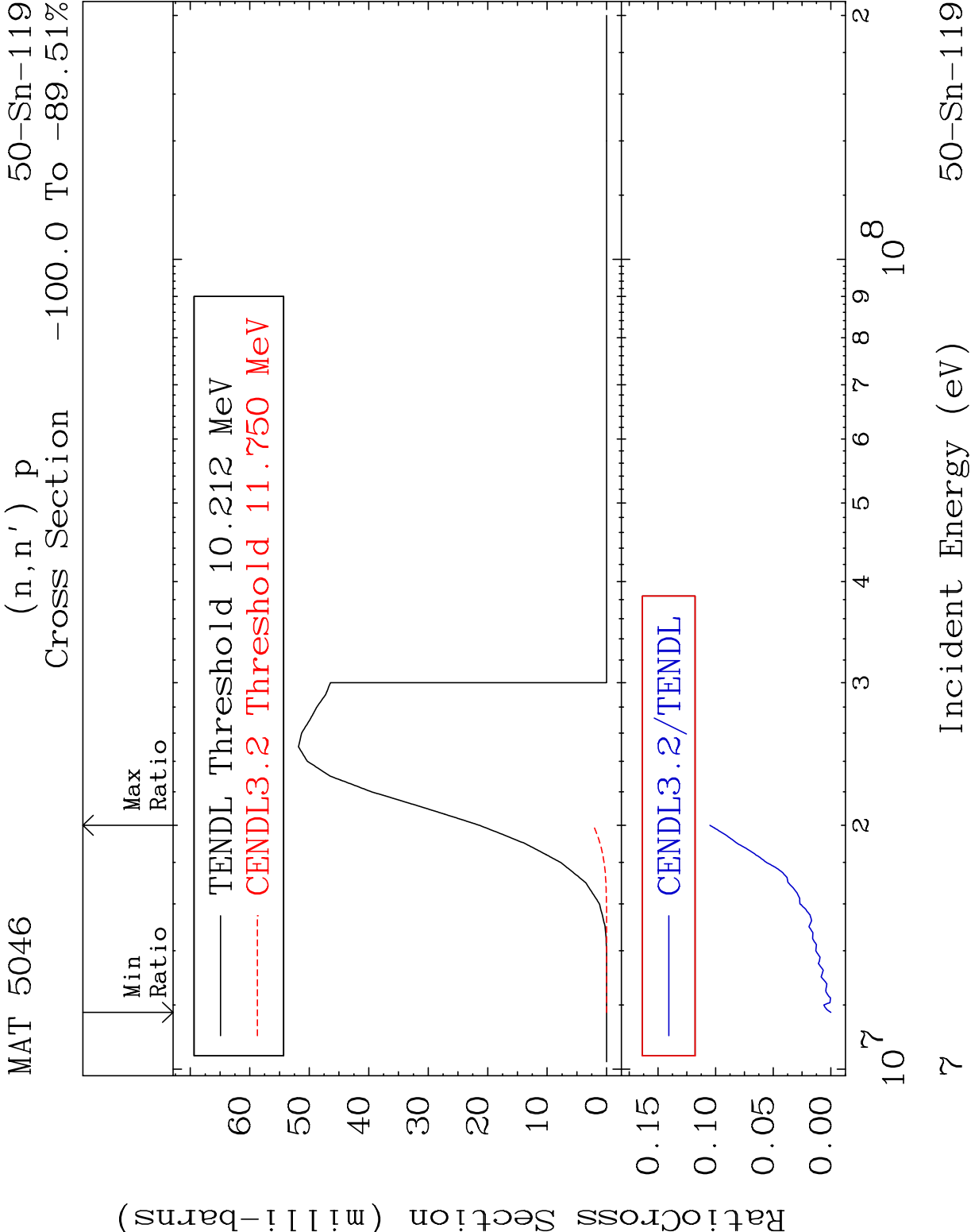
Incident Energy (eV)

50-Sn-119

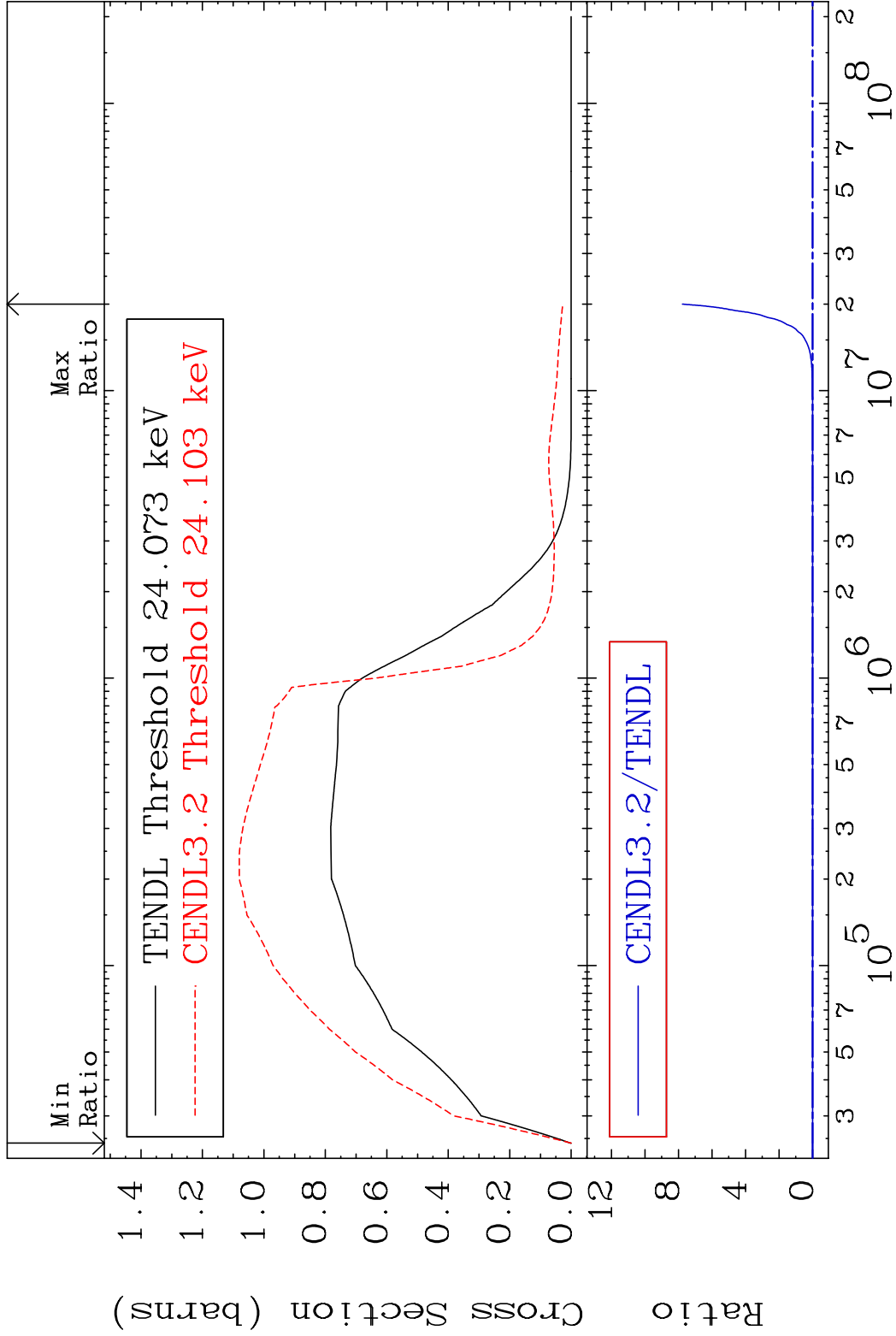


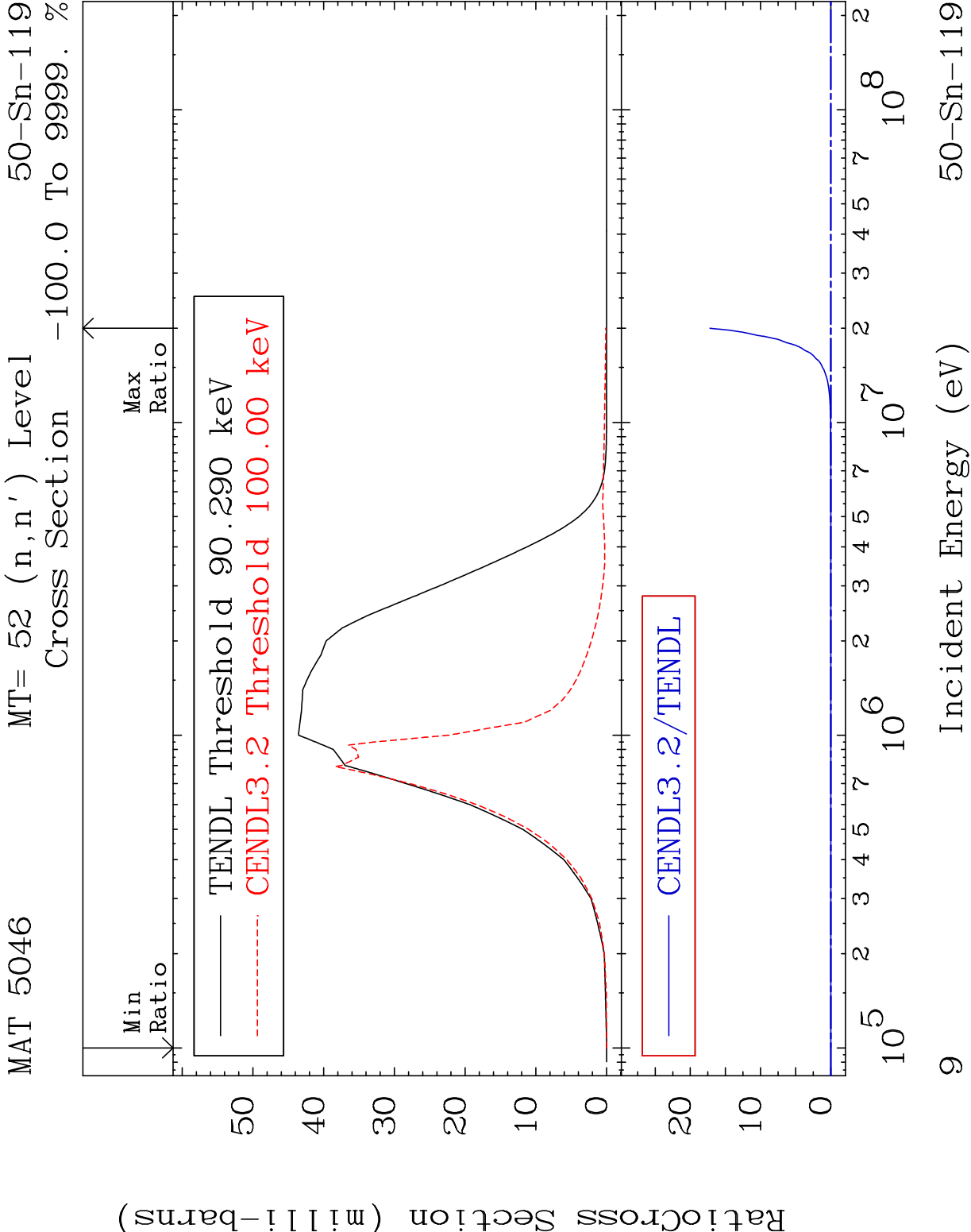






MAT 5046 MT= 51 (n,n') Level 50-Sn-119
Cross Section -100.0 To 9999. %



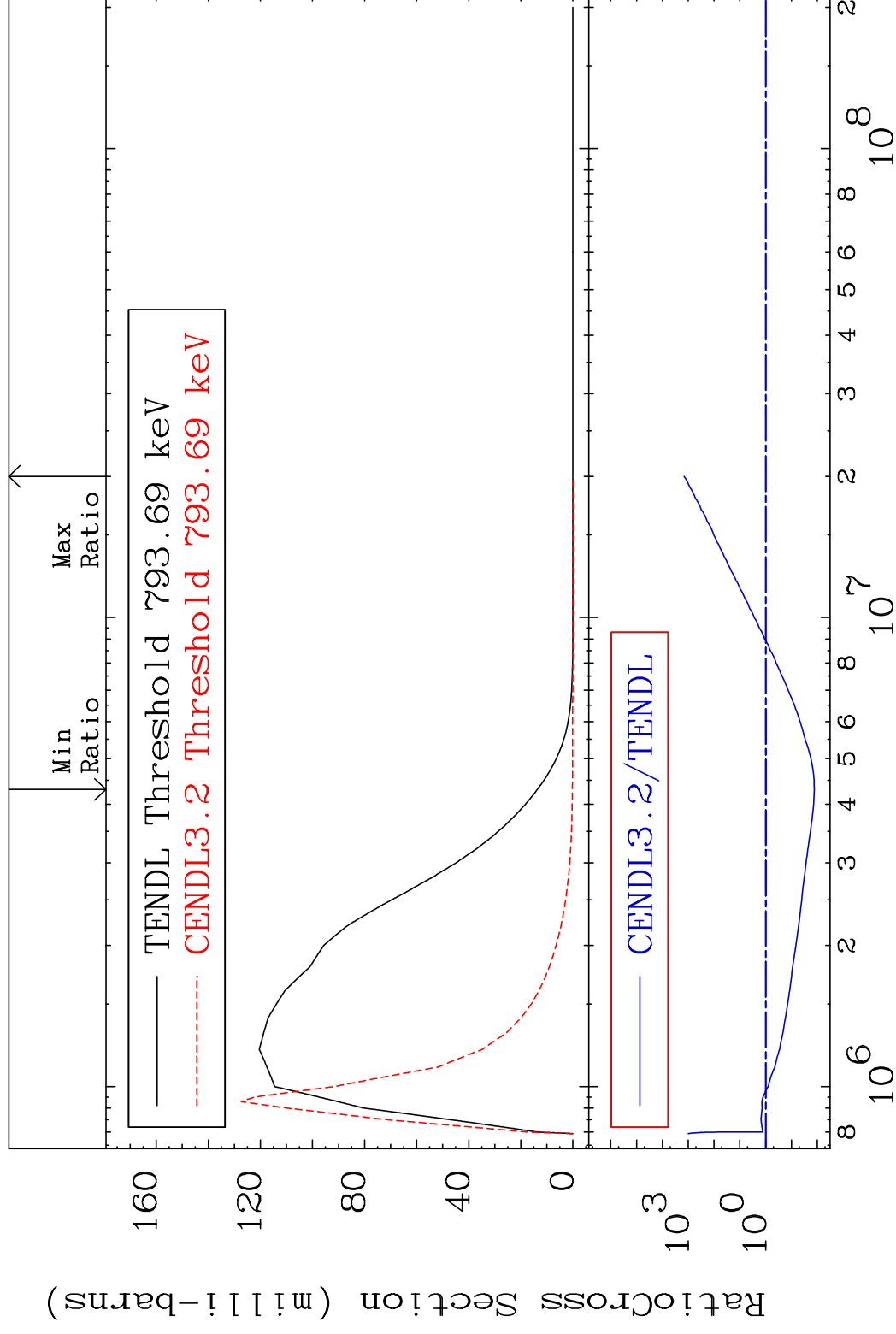


MAT 5046

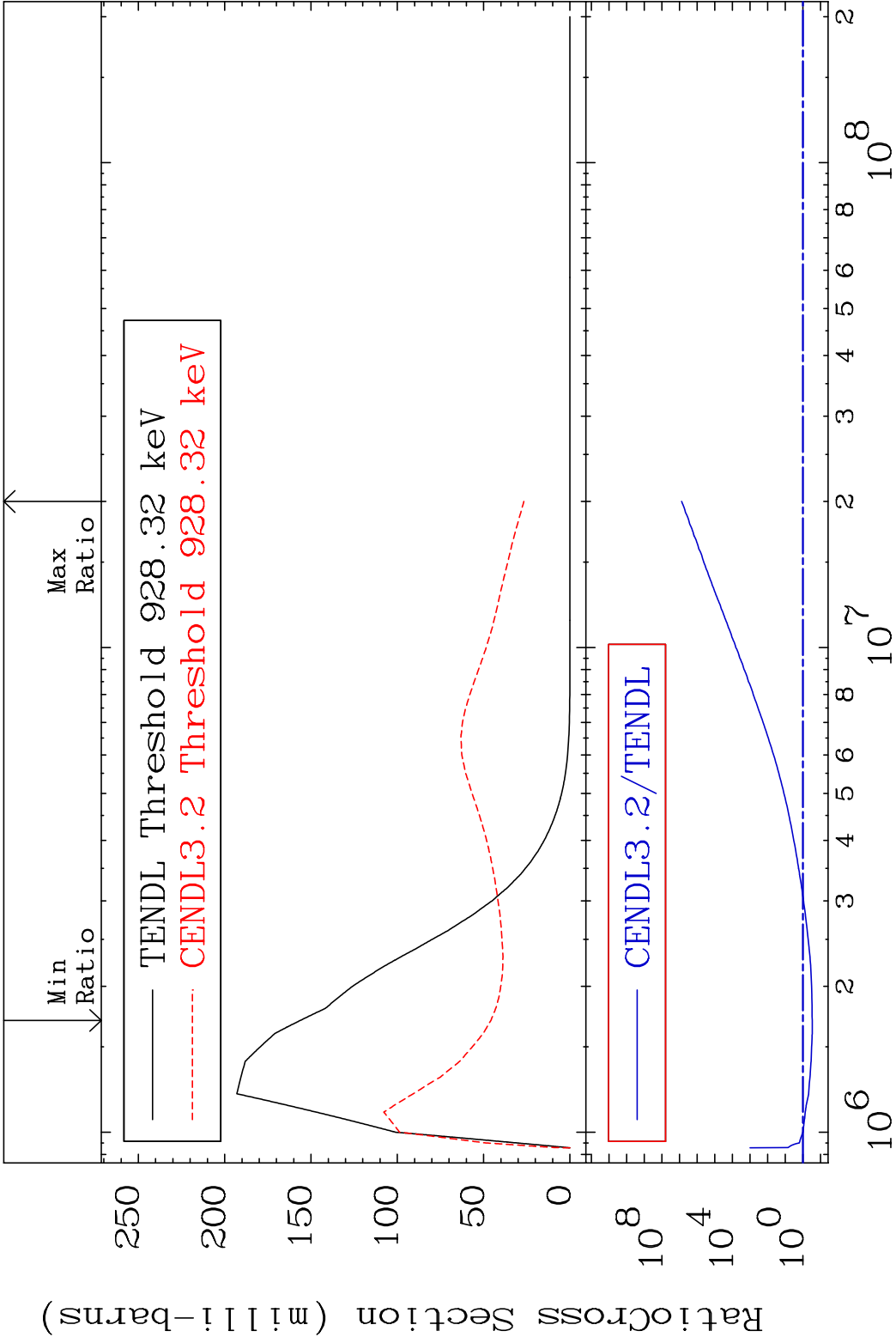
MT= 53 (n, n') Level

50-Sn-119

Cross Section -98.69 To 9999. %



MAT 5046 MT= 54 (n,n') Level 50-Sn-119
Cross Section -70.67 To 9999. %



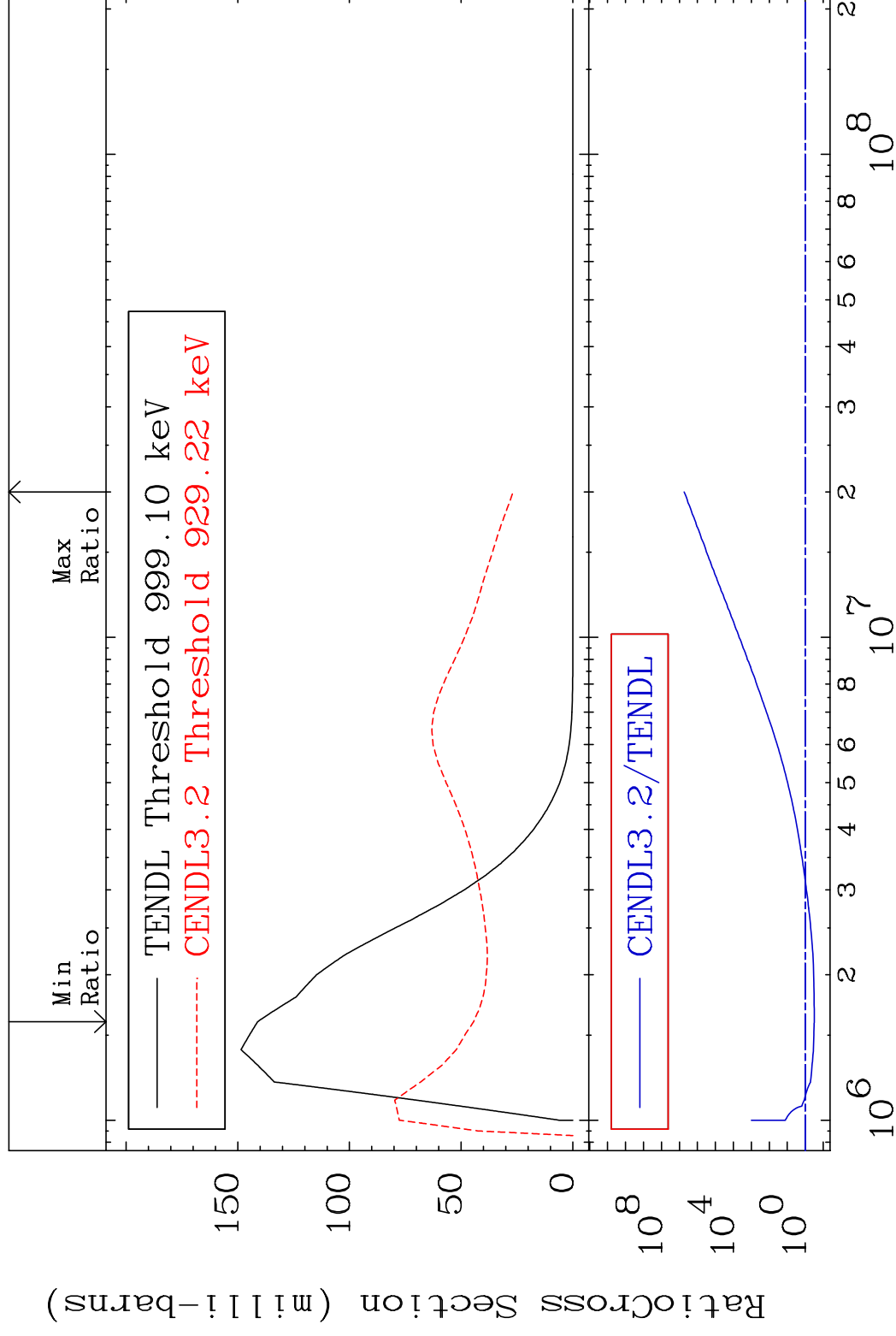
11 Incident Energy (eV) 50-Sn-119

MAT 5046

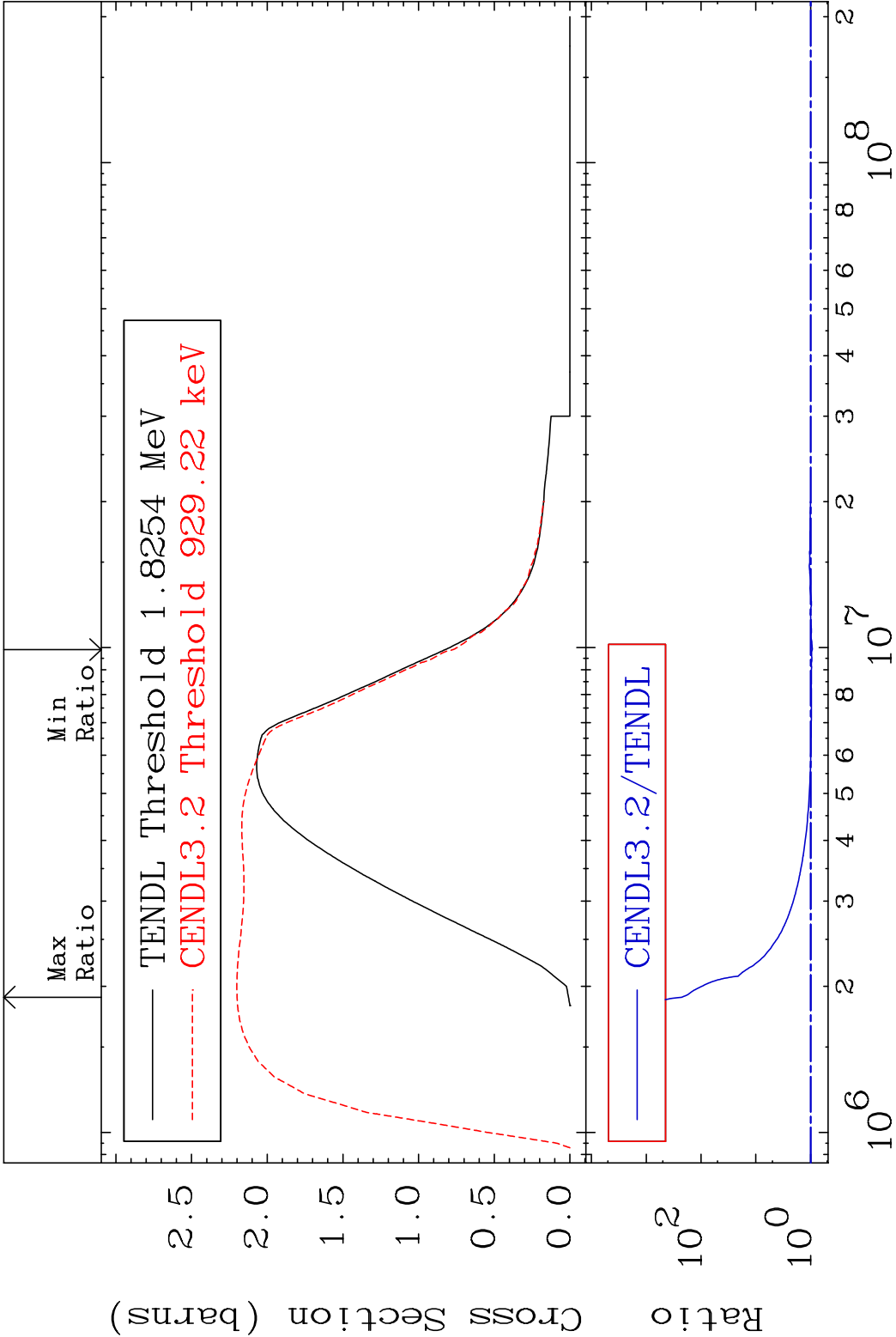
MT= 55 (n, n') Level

50-Sn-119

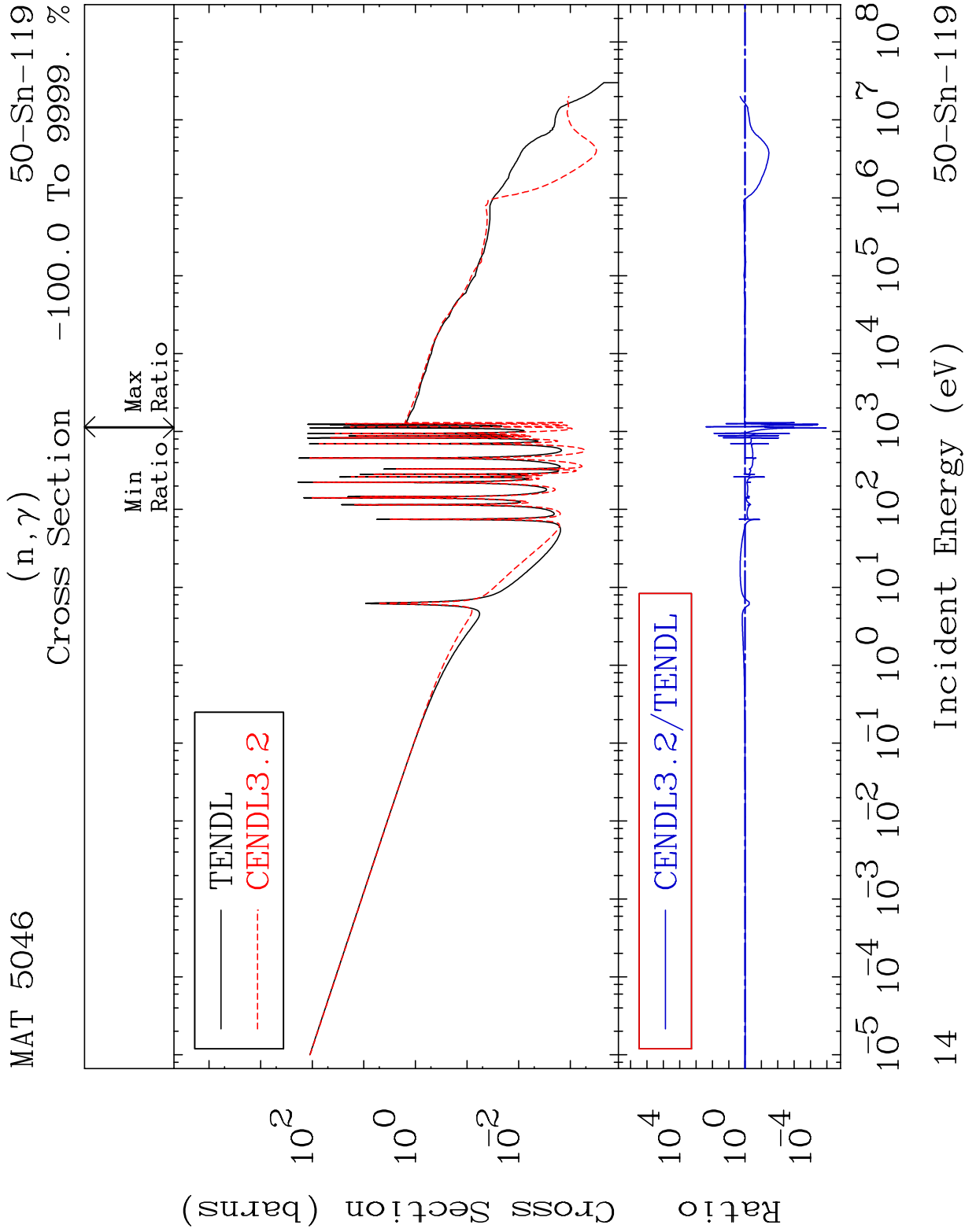
Cross Section -68.48 To 9999. %

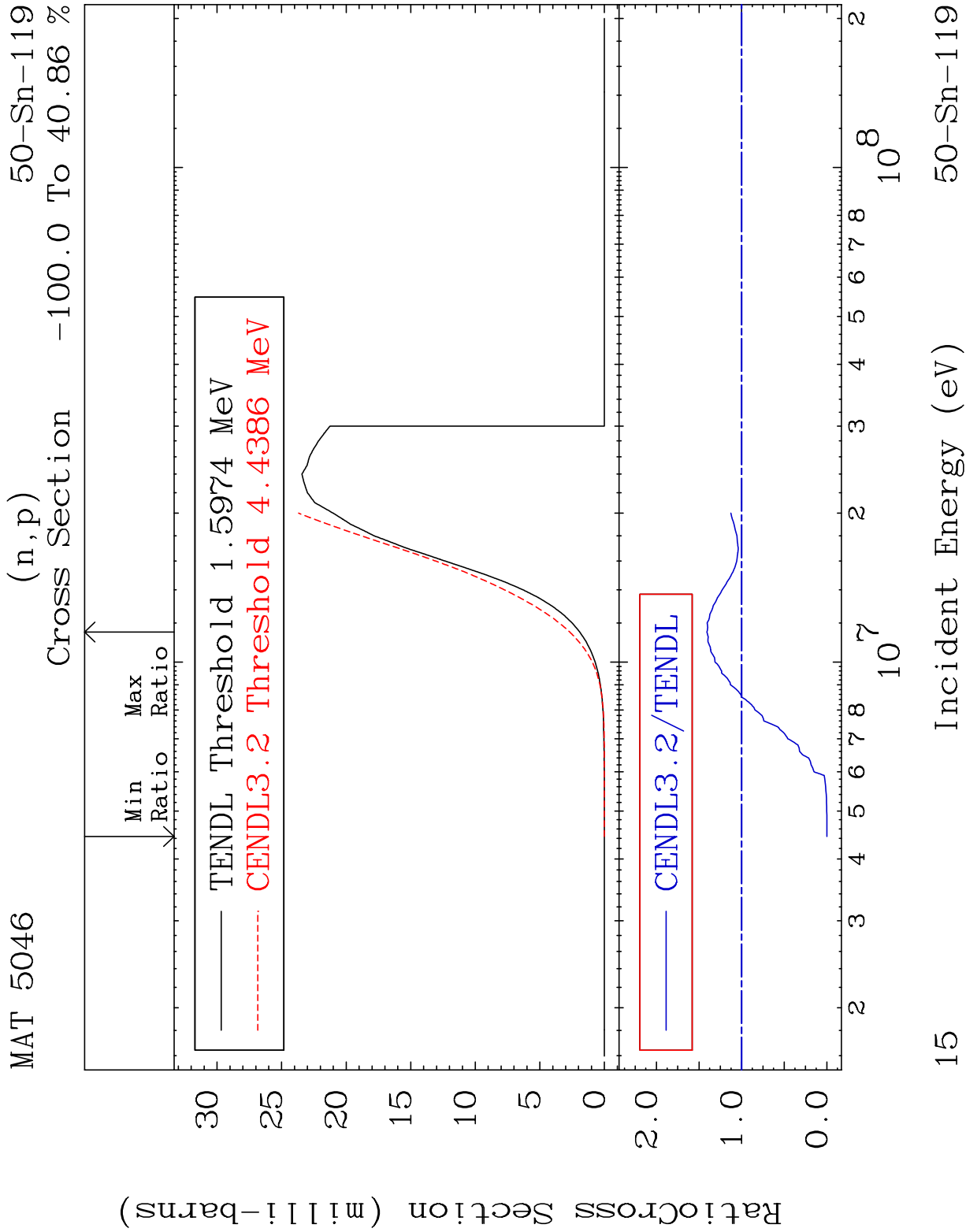


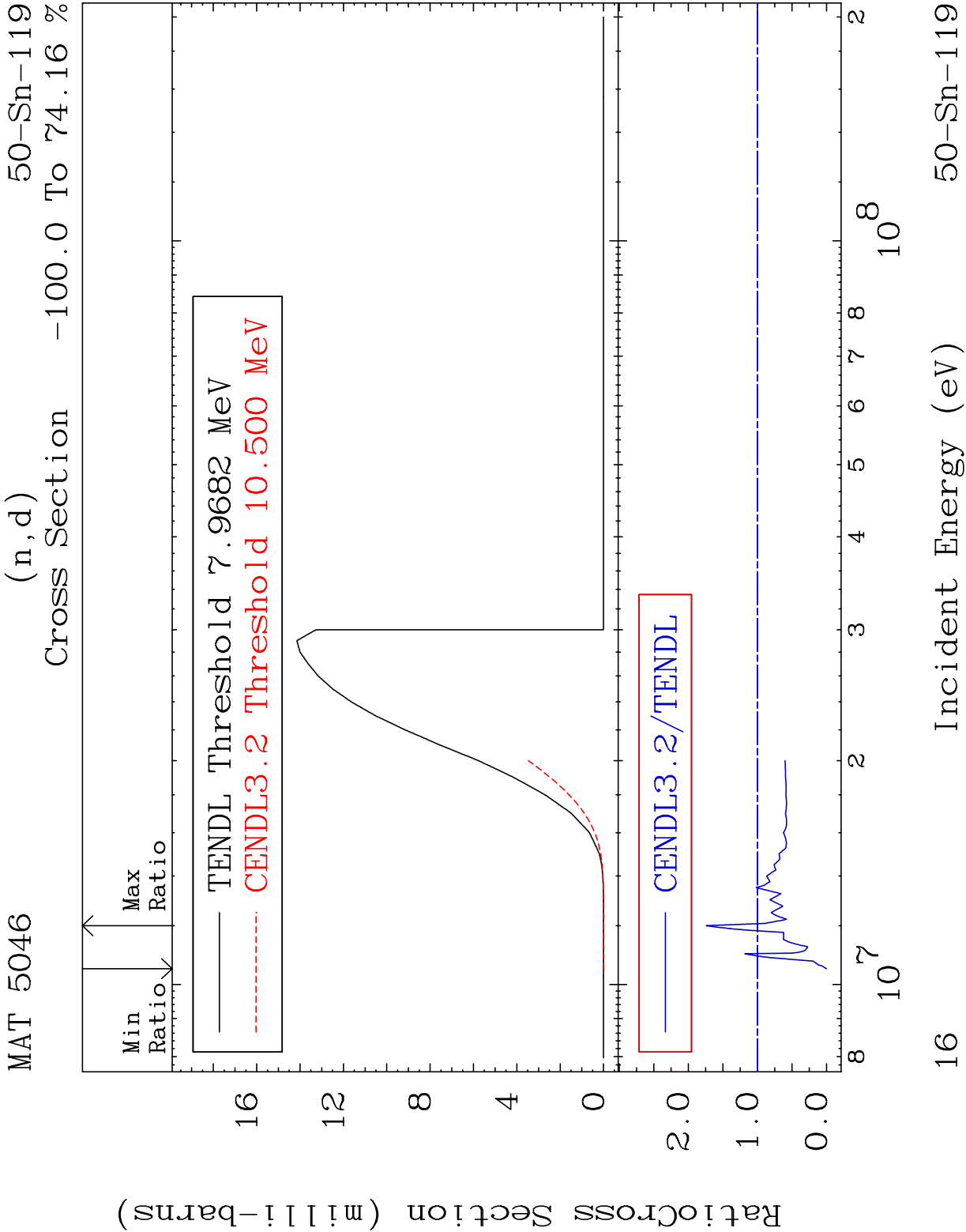
MAT 5046 (n,n') Continuum 50-Sn-119
Cross Section -6.402 To 9999. %

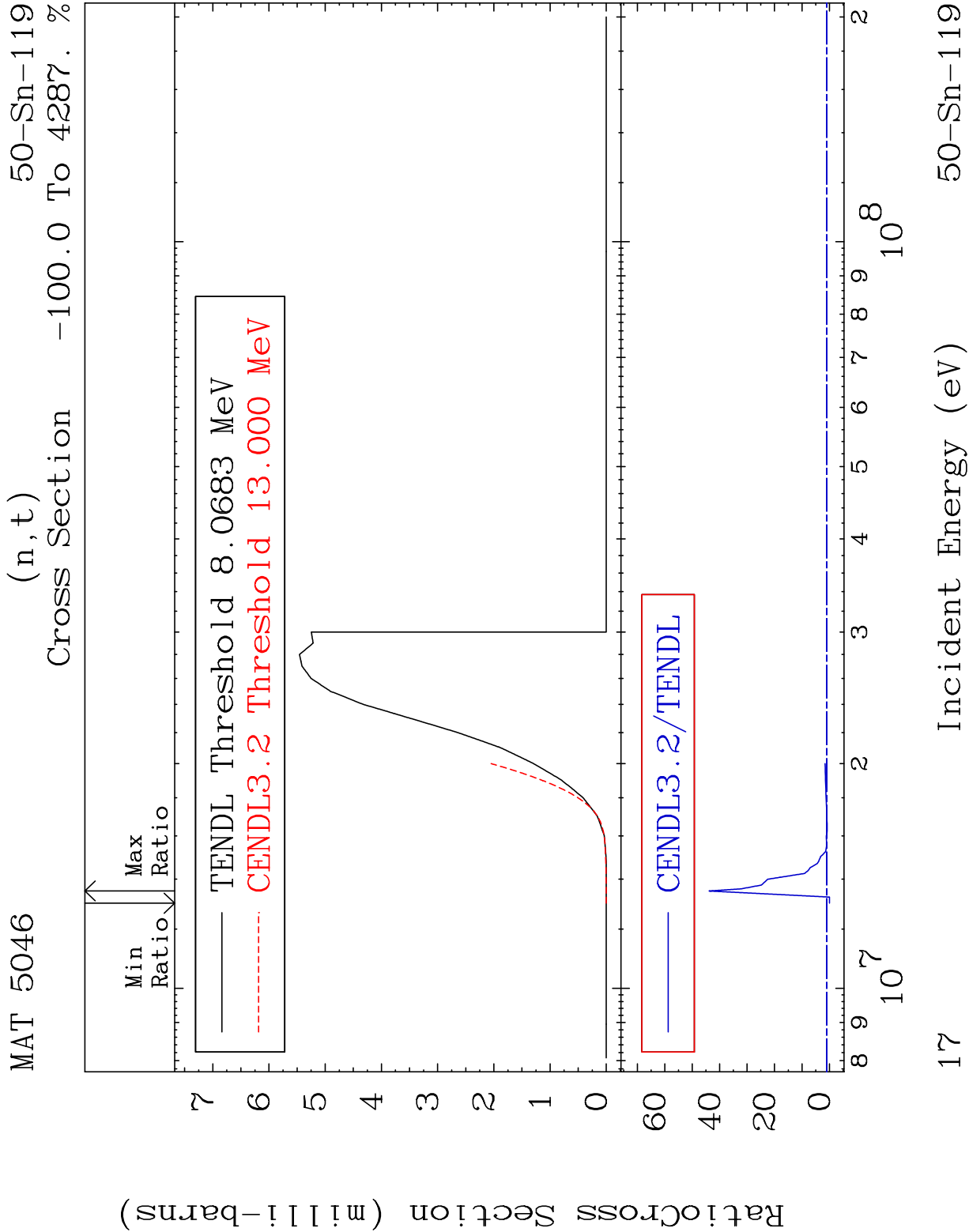


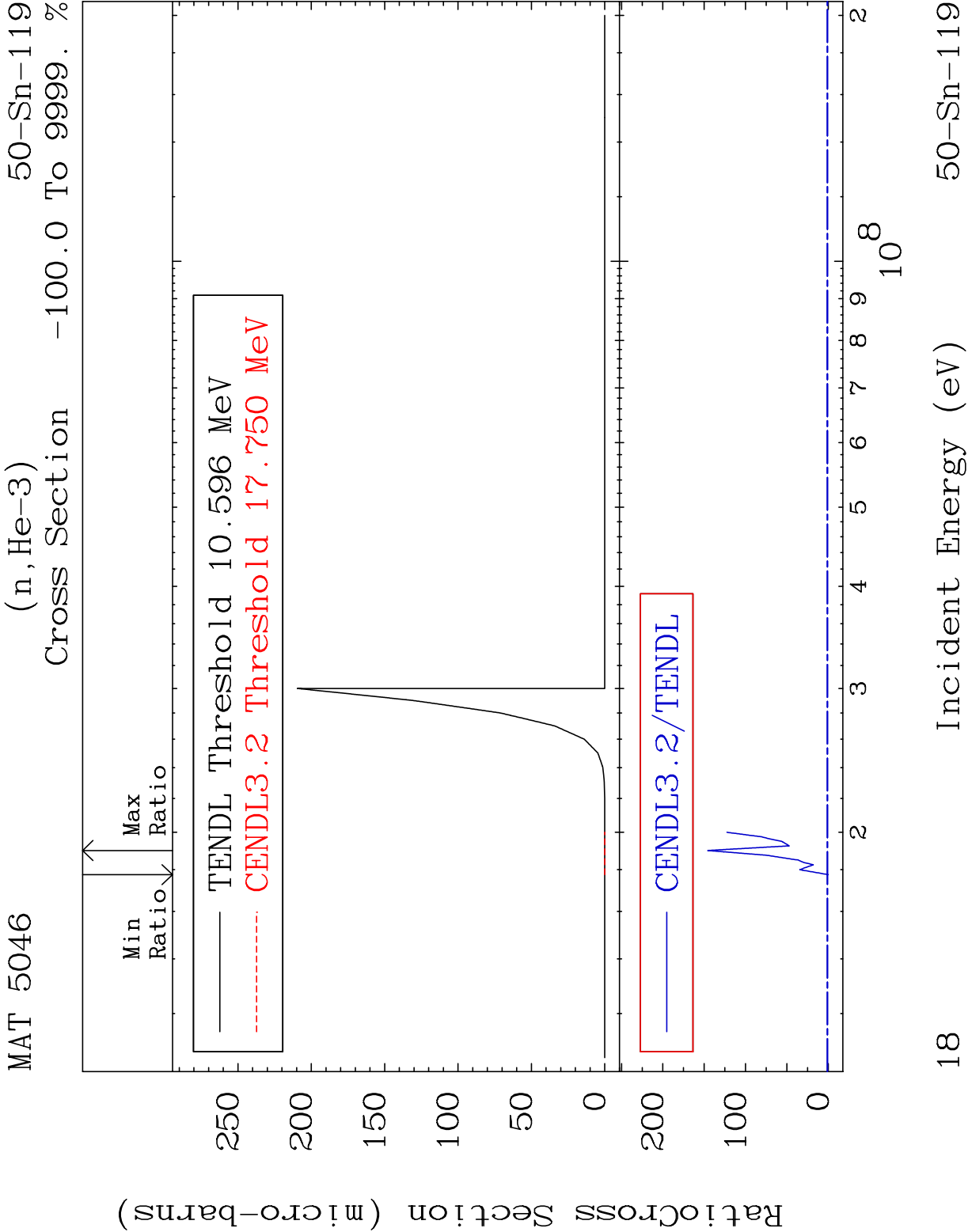
13 Incident Energy (eV) 50-Sn-119

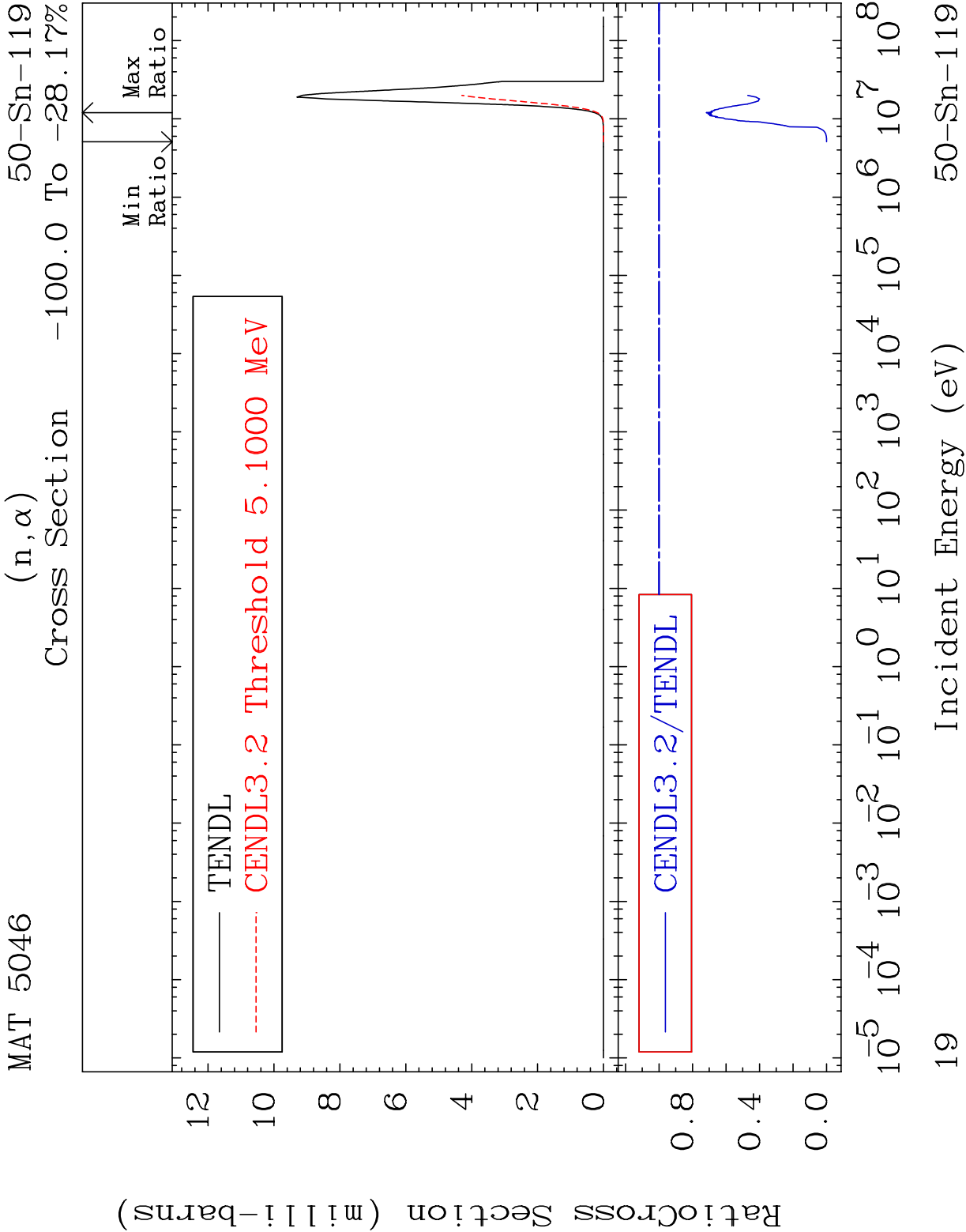


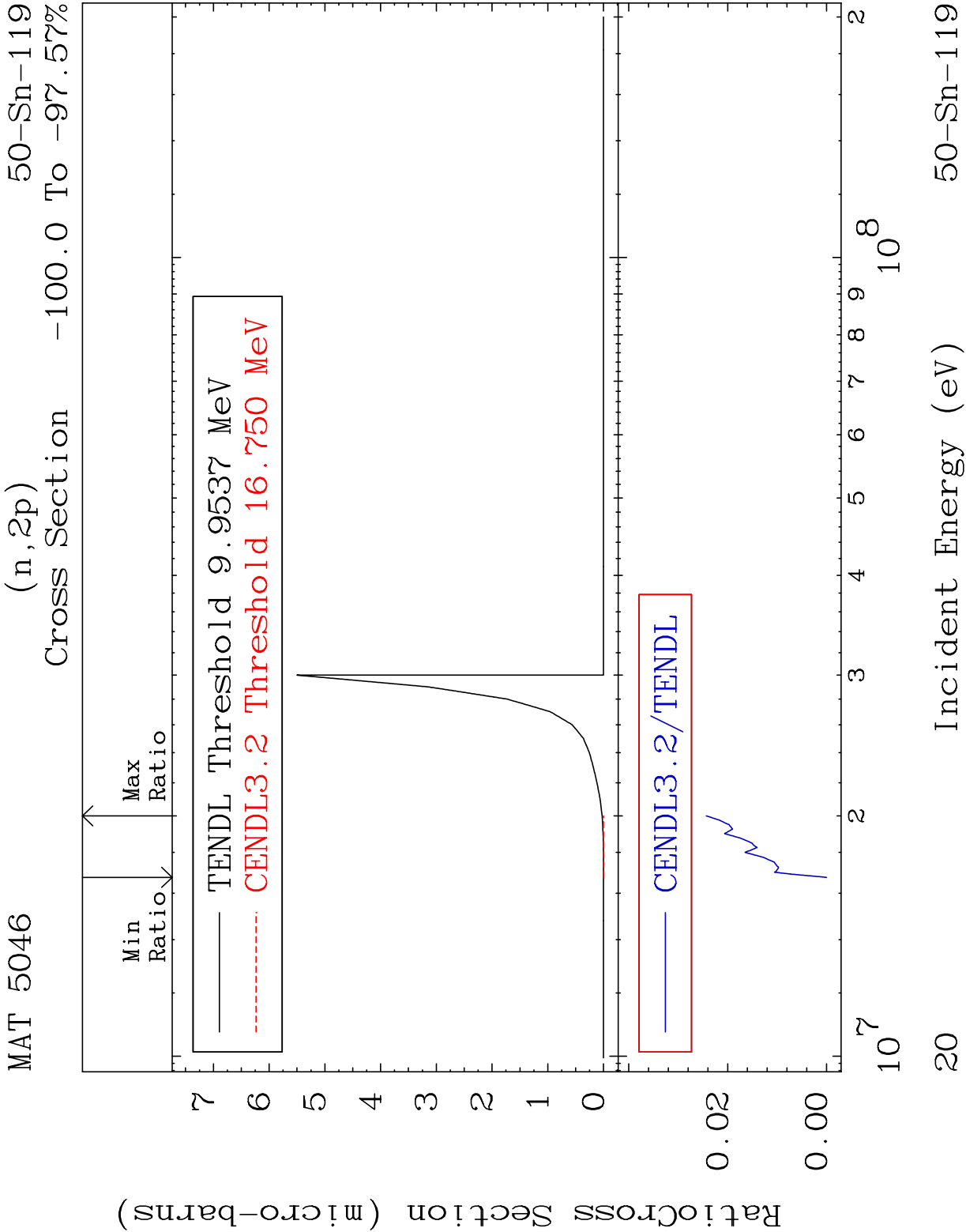


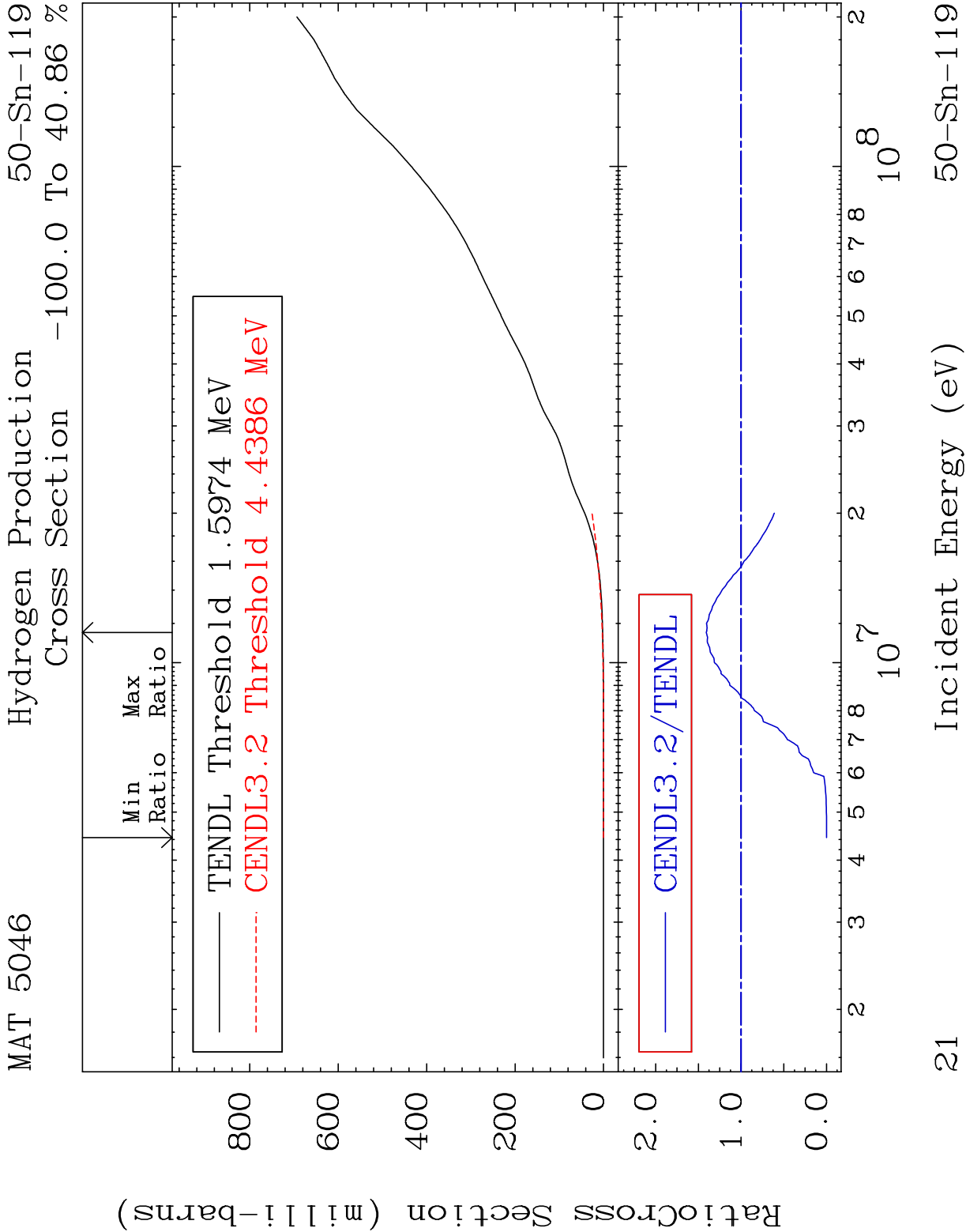




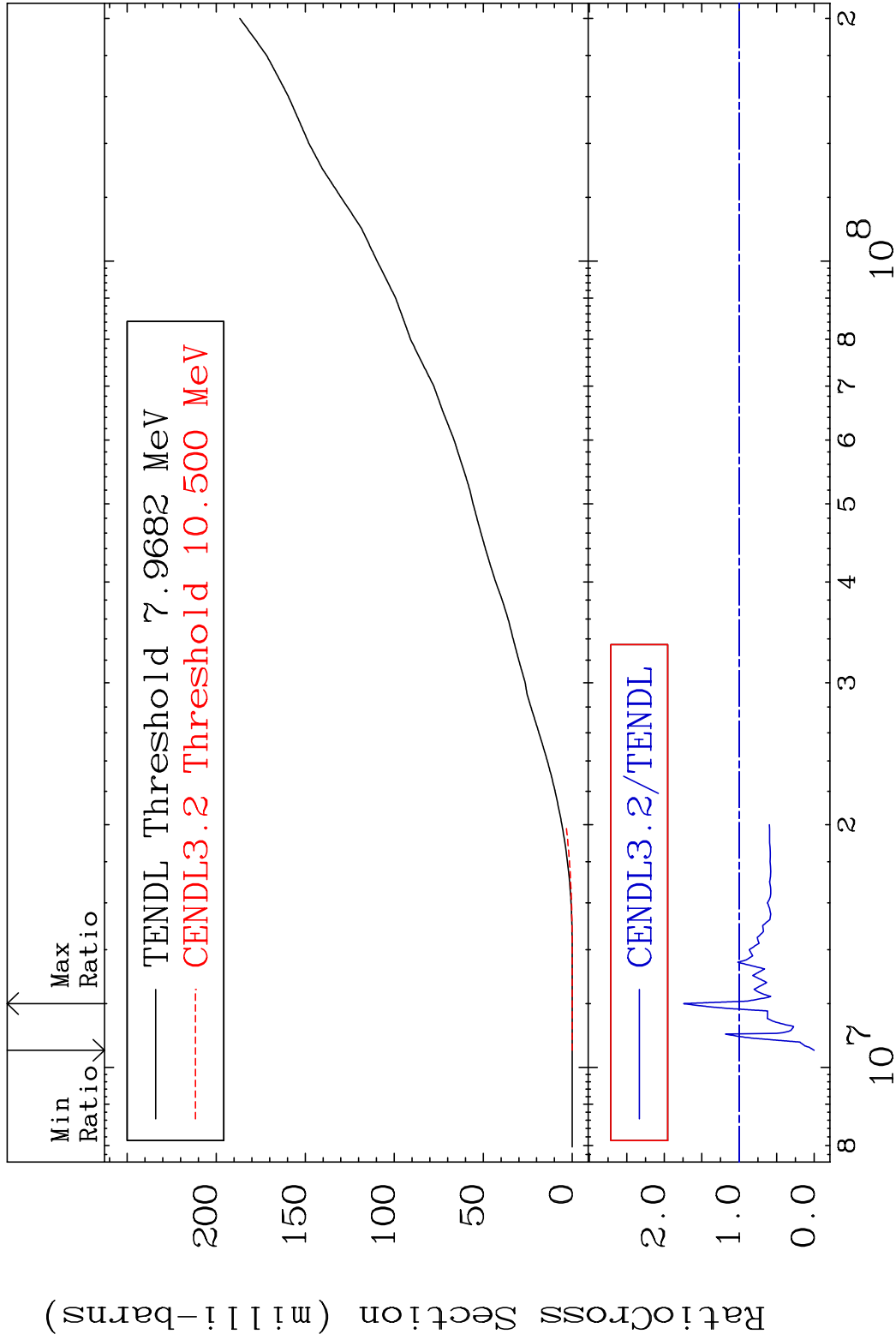








MAT 5046 Deuterium Production 50-Sn-119
Cross Section -100.0 To 74.16 %



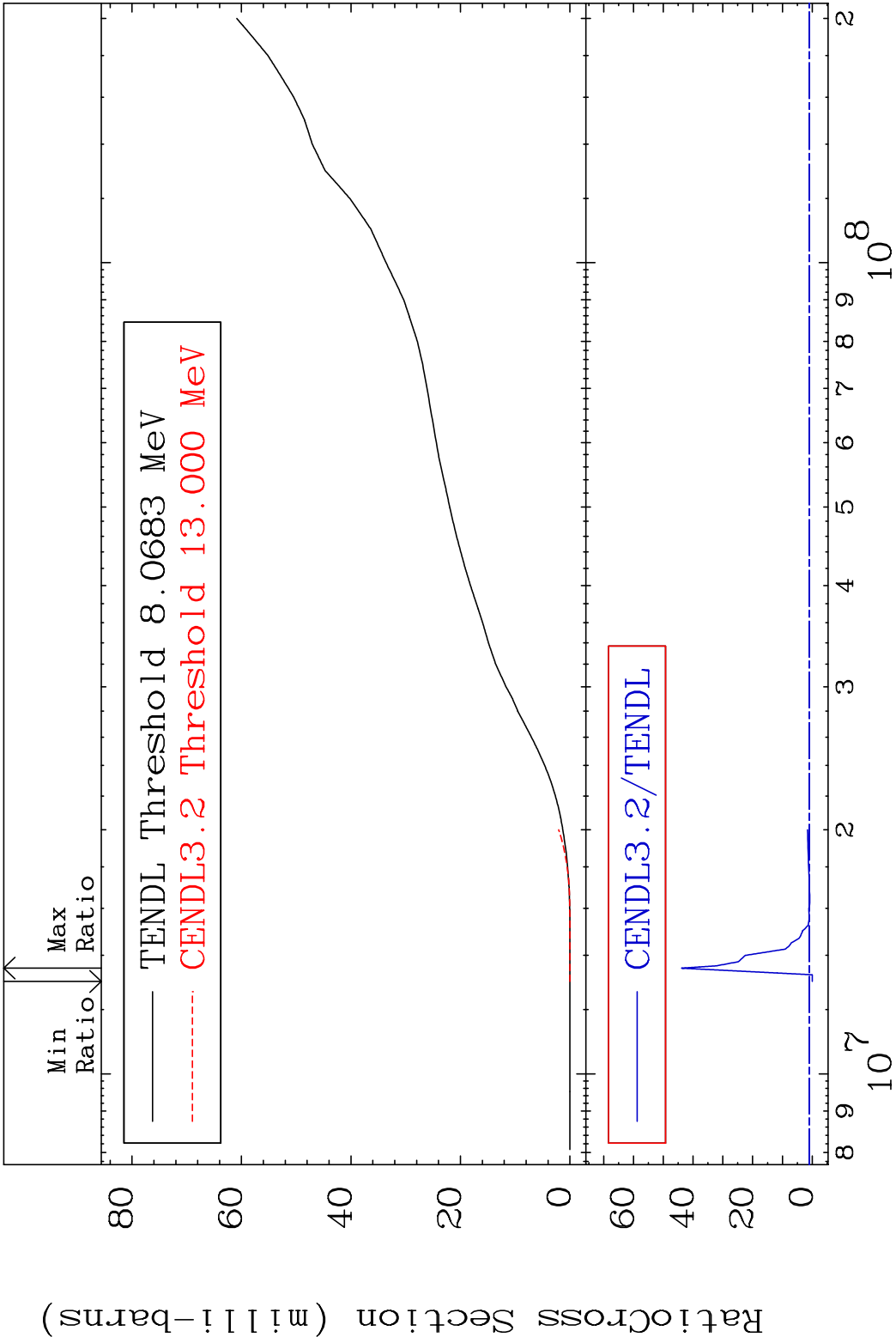
MAT 5046

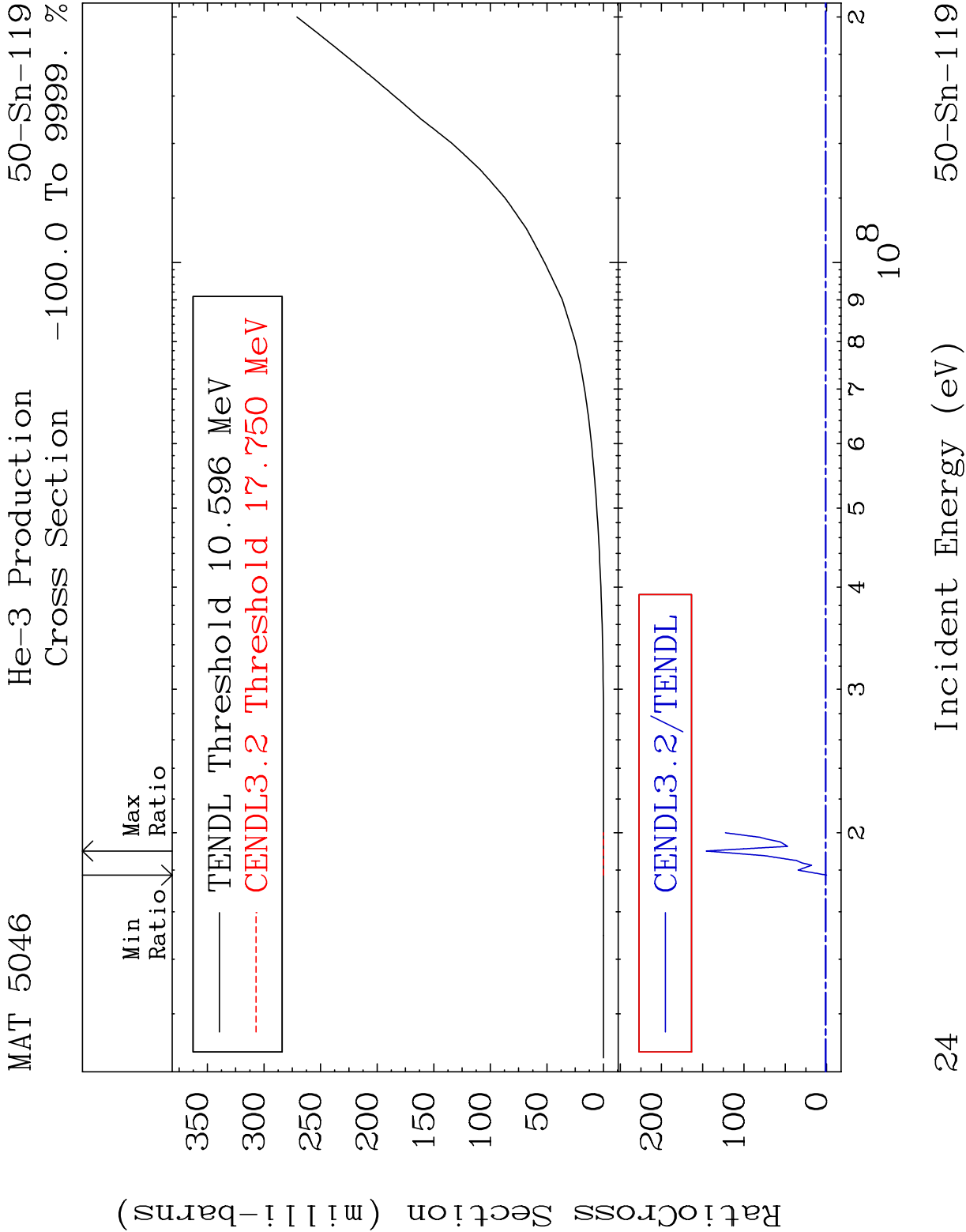
Tritium Production

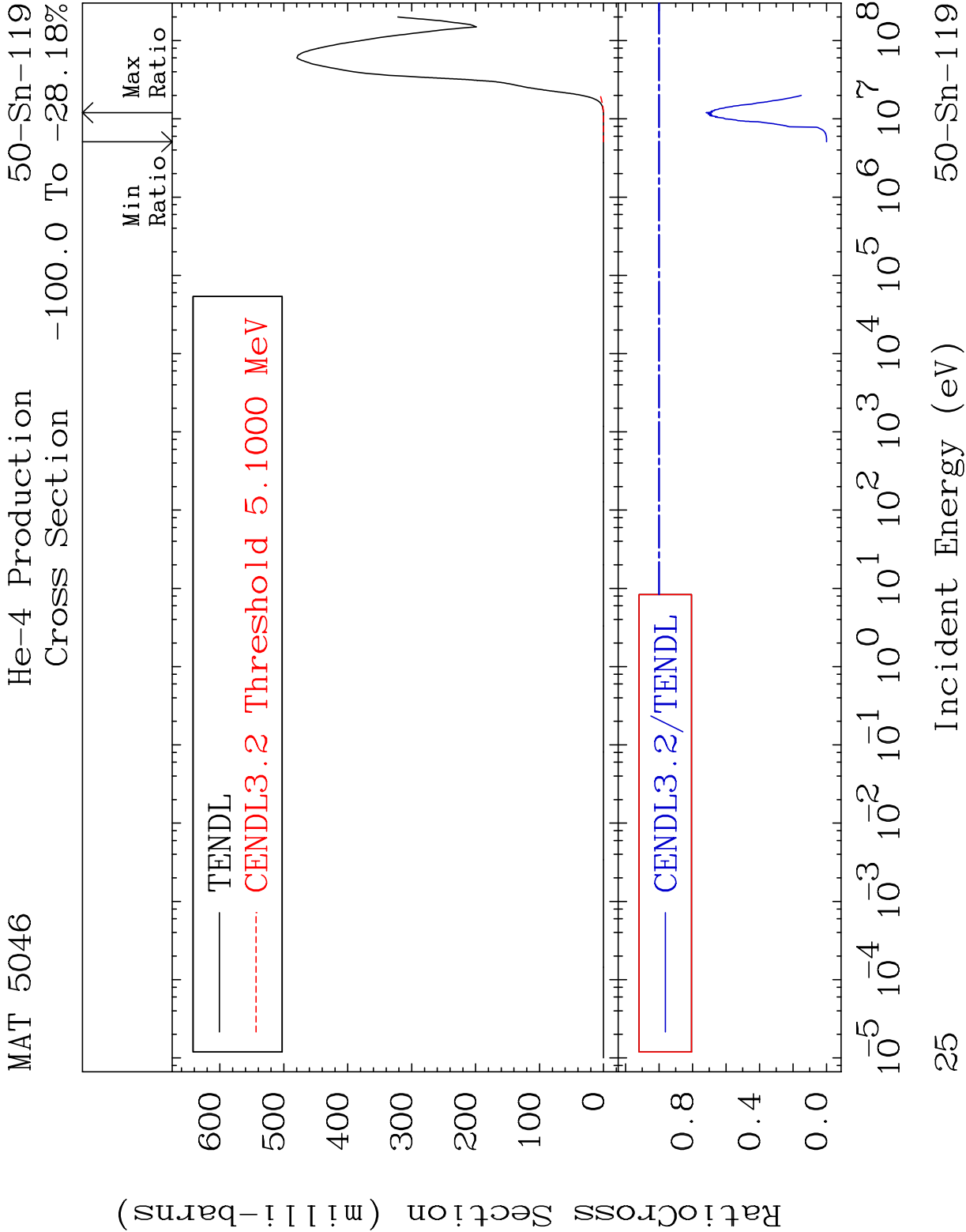
Cross Section

-100.0 To 4287. %

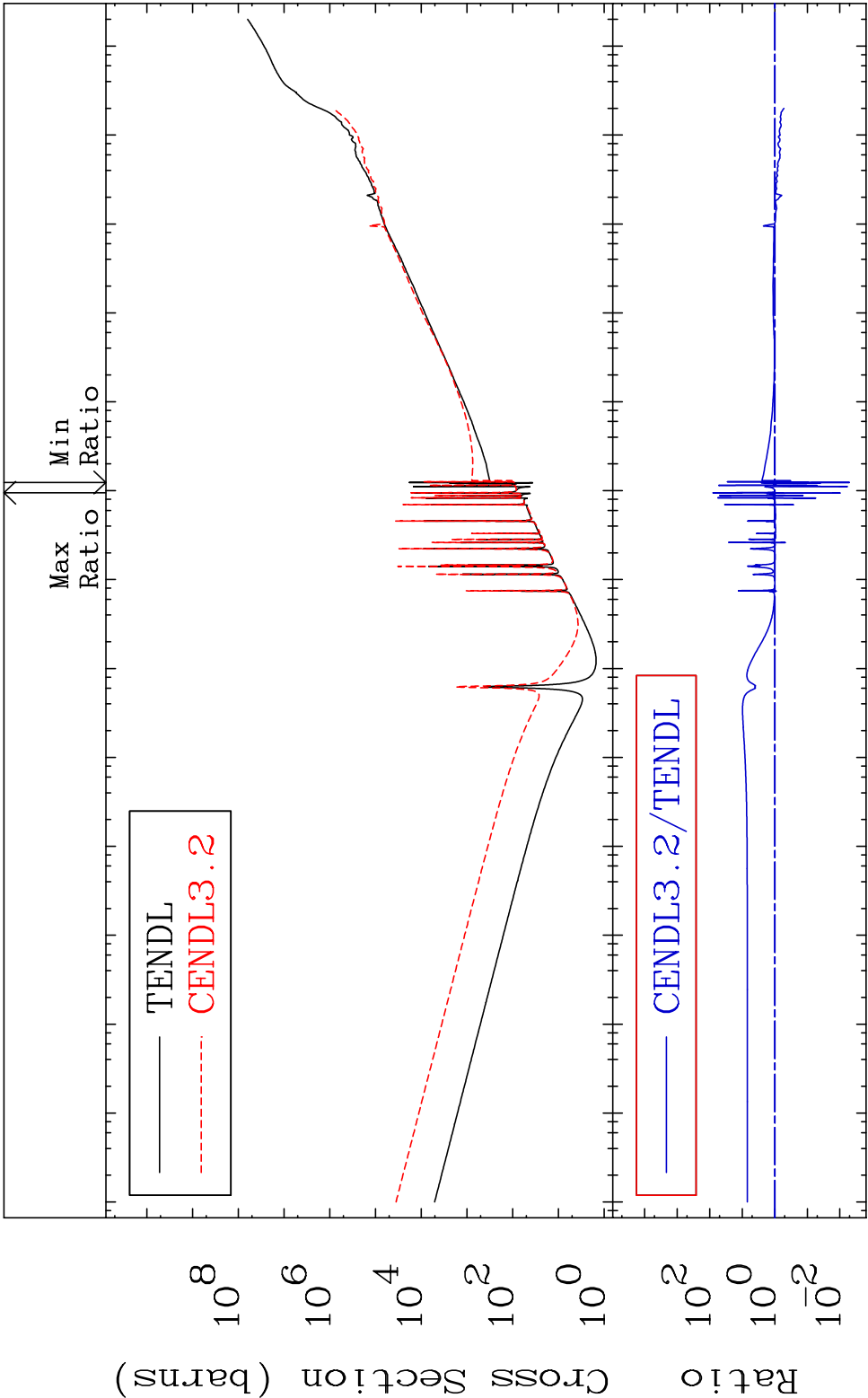
50-Sn-119

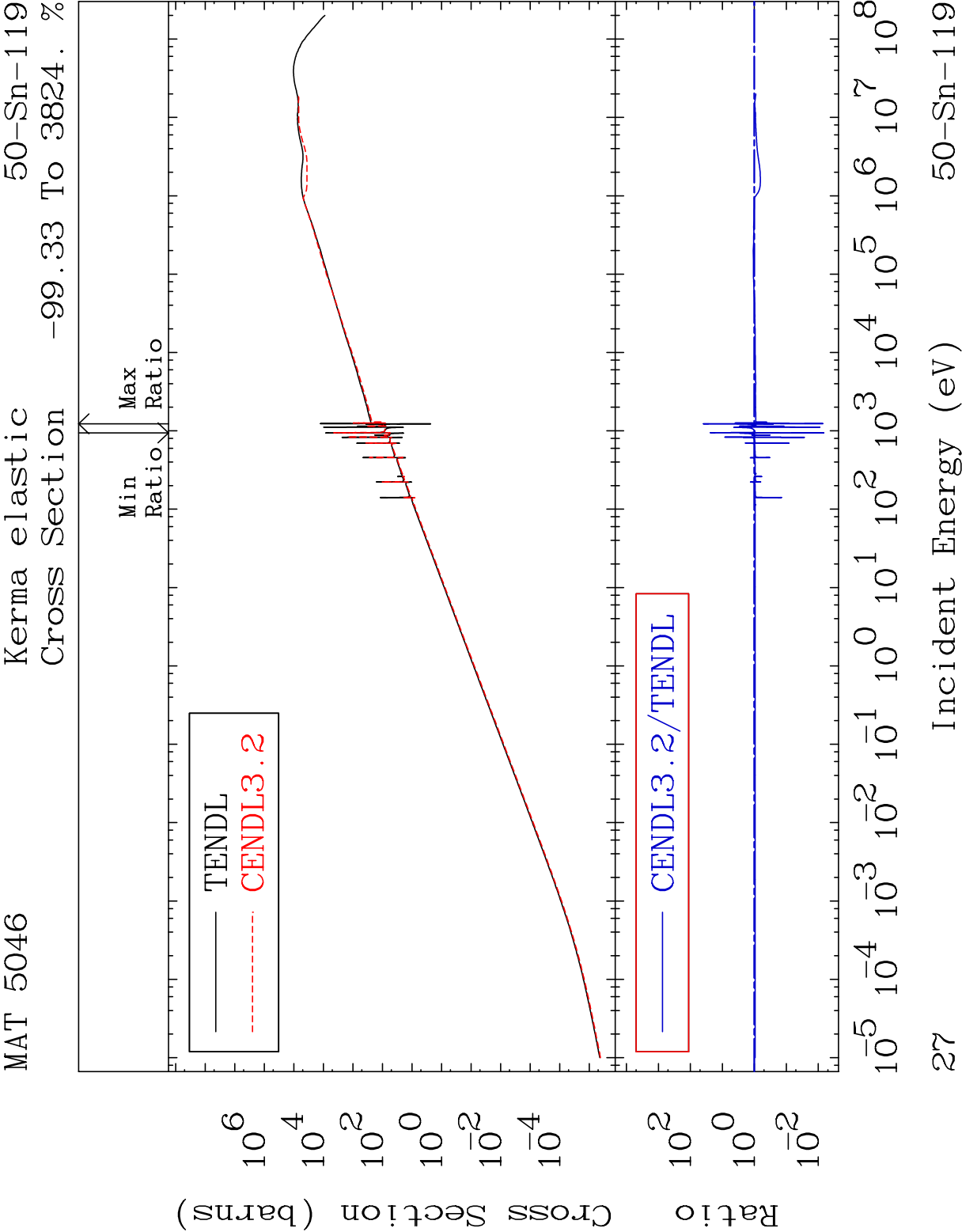






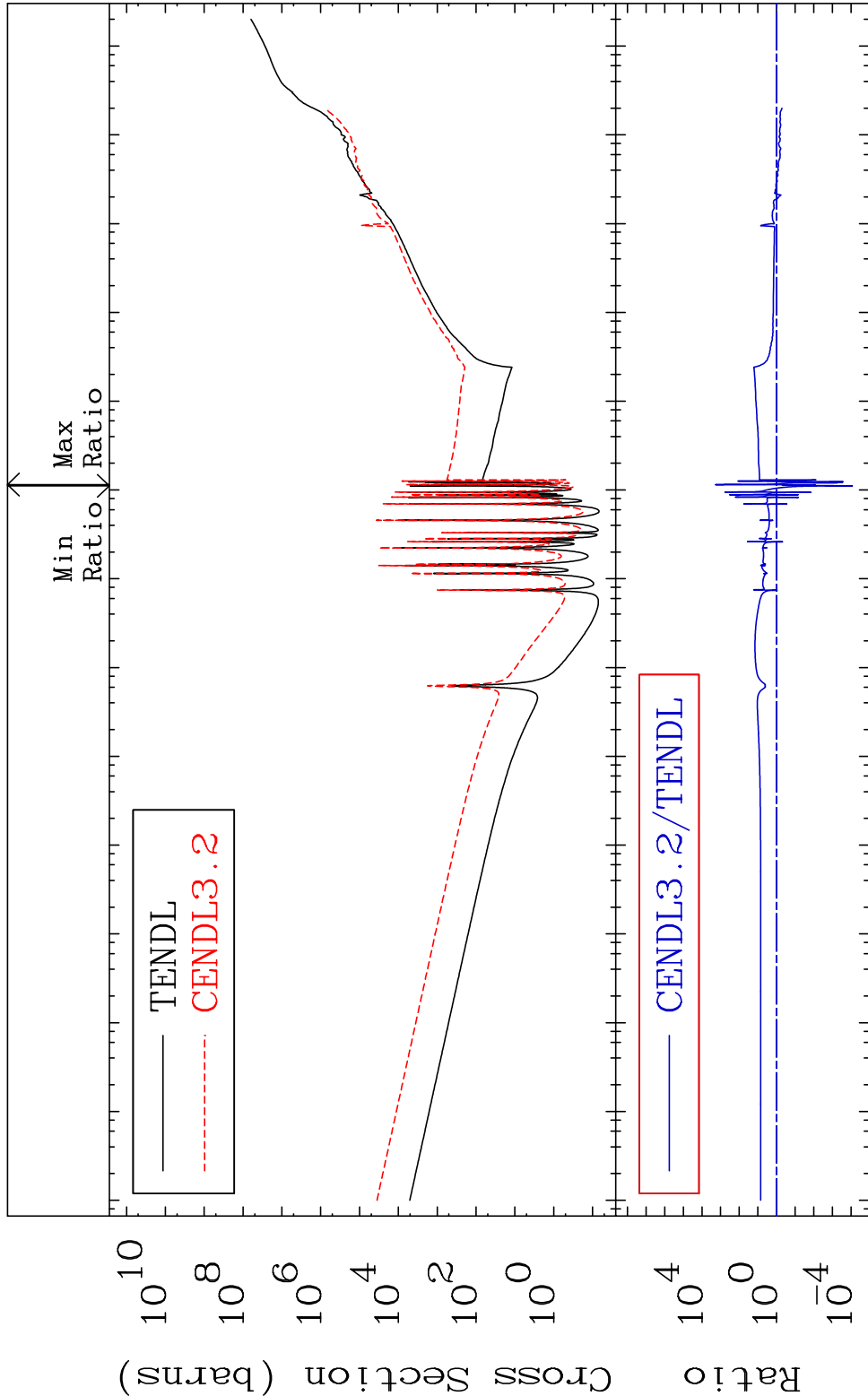
MAT 5046	Kerma total (eV-barns)	50-Sn-119
	Cross Section	-99.49 To 7928. %



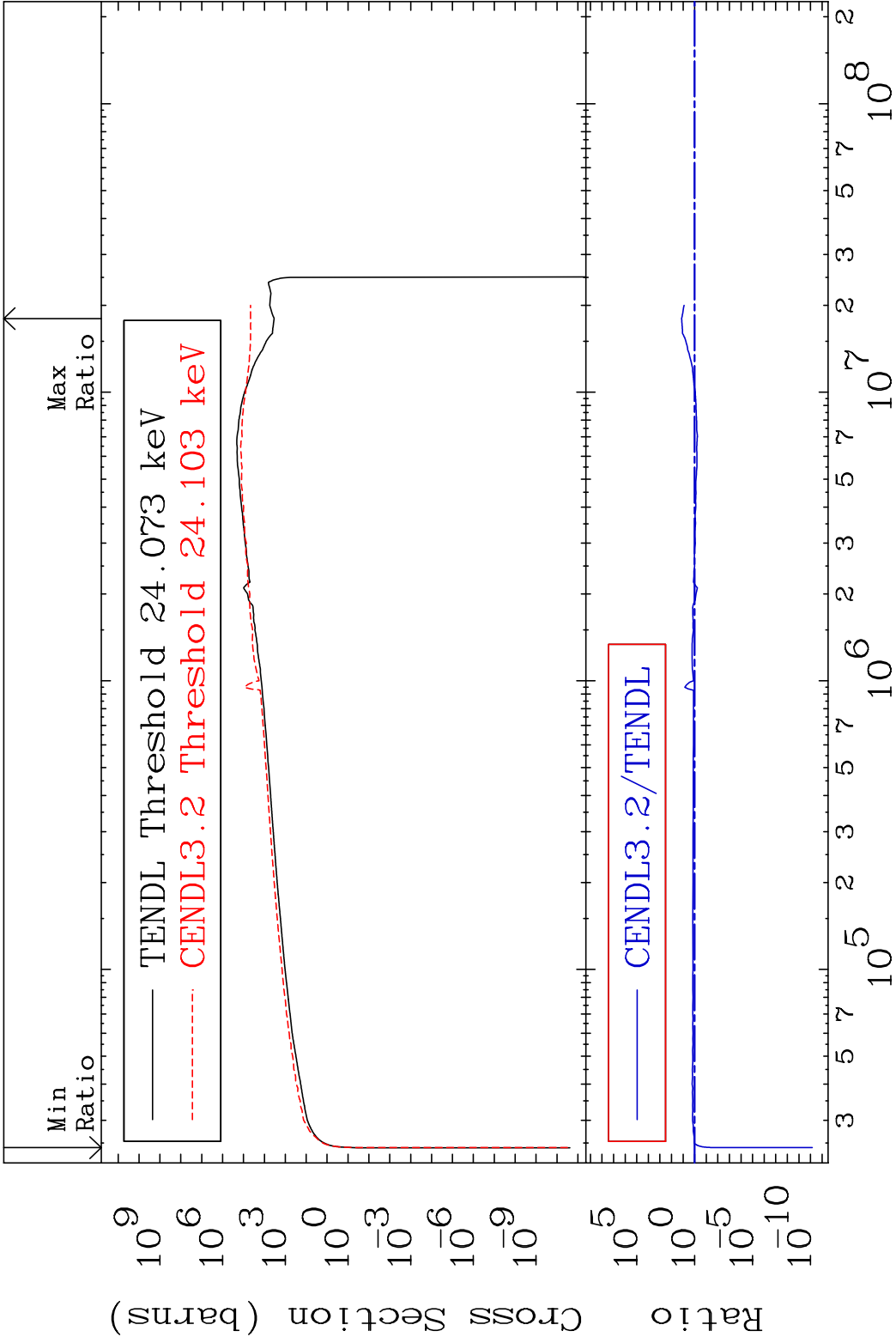


MAT 5046 Kerma non-elastic (all but mt2) 50-Sn-119

Cross Section -99.99 To 9999. %

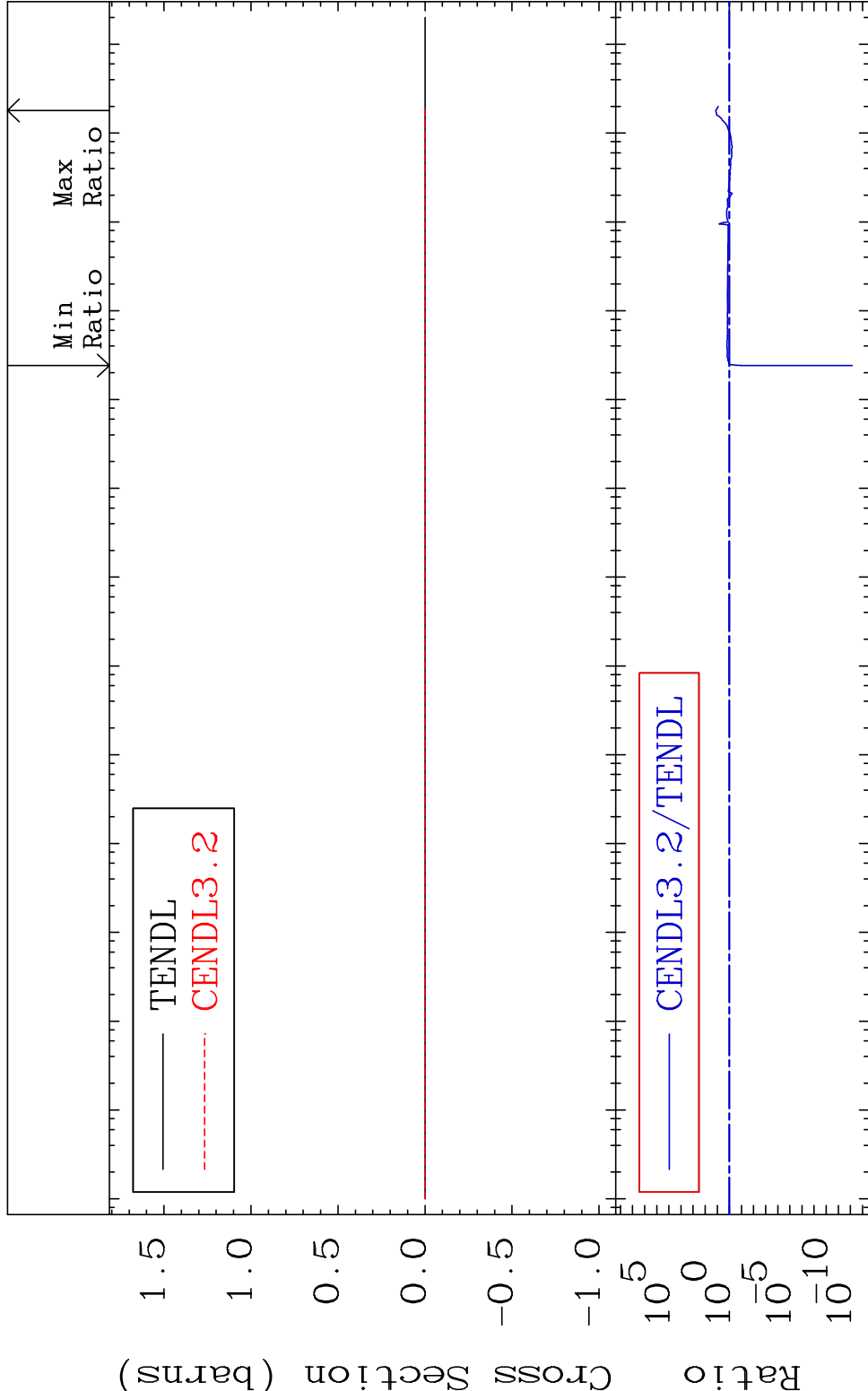


MAT 5046 Kerma inelastic (mt51-91) 50-Sn-119
Cross Section -100.0 To 1258. %



MAT 5046 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-119

Cross Section -100.0 To 1258. %



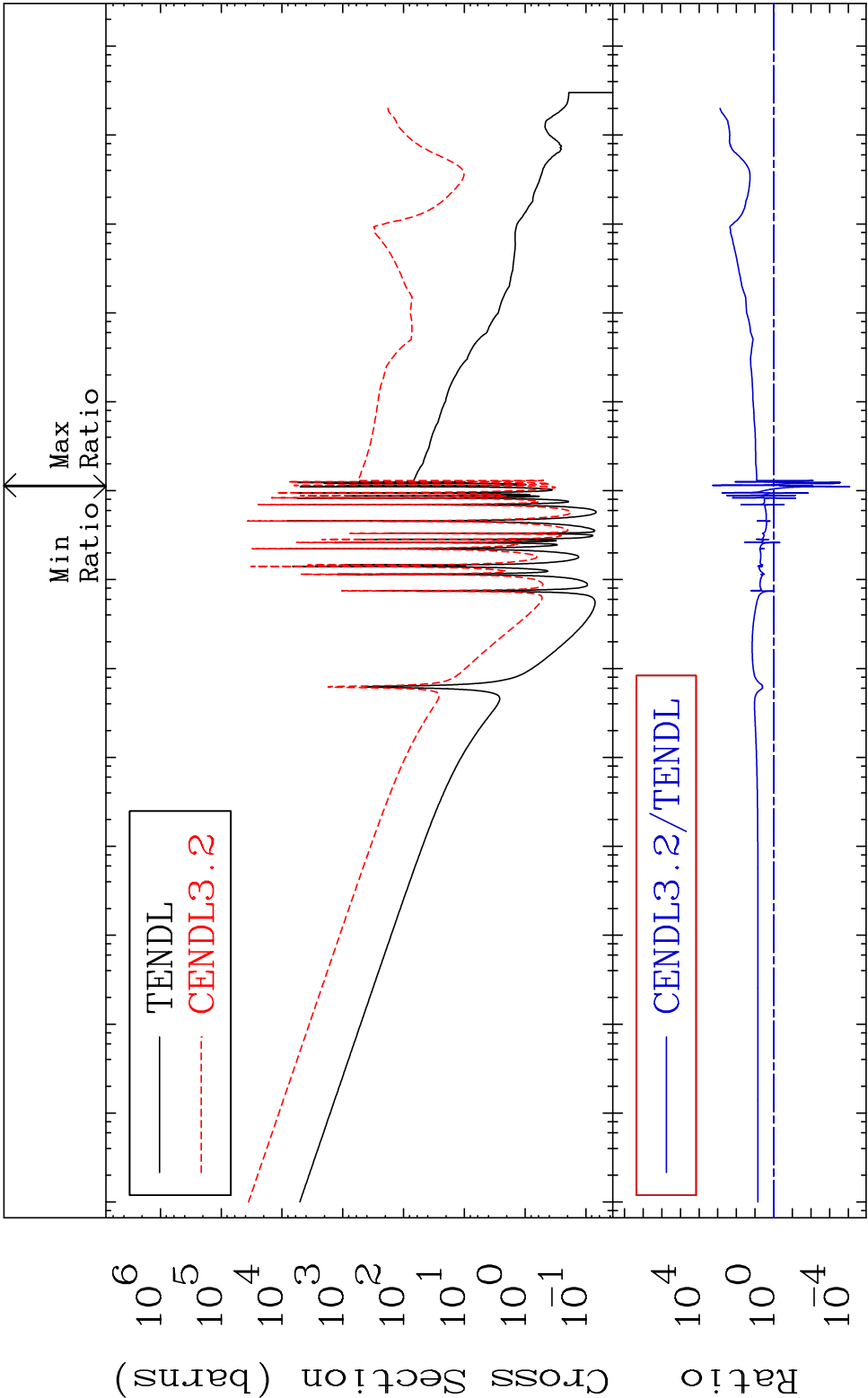
MAT 5046

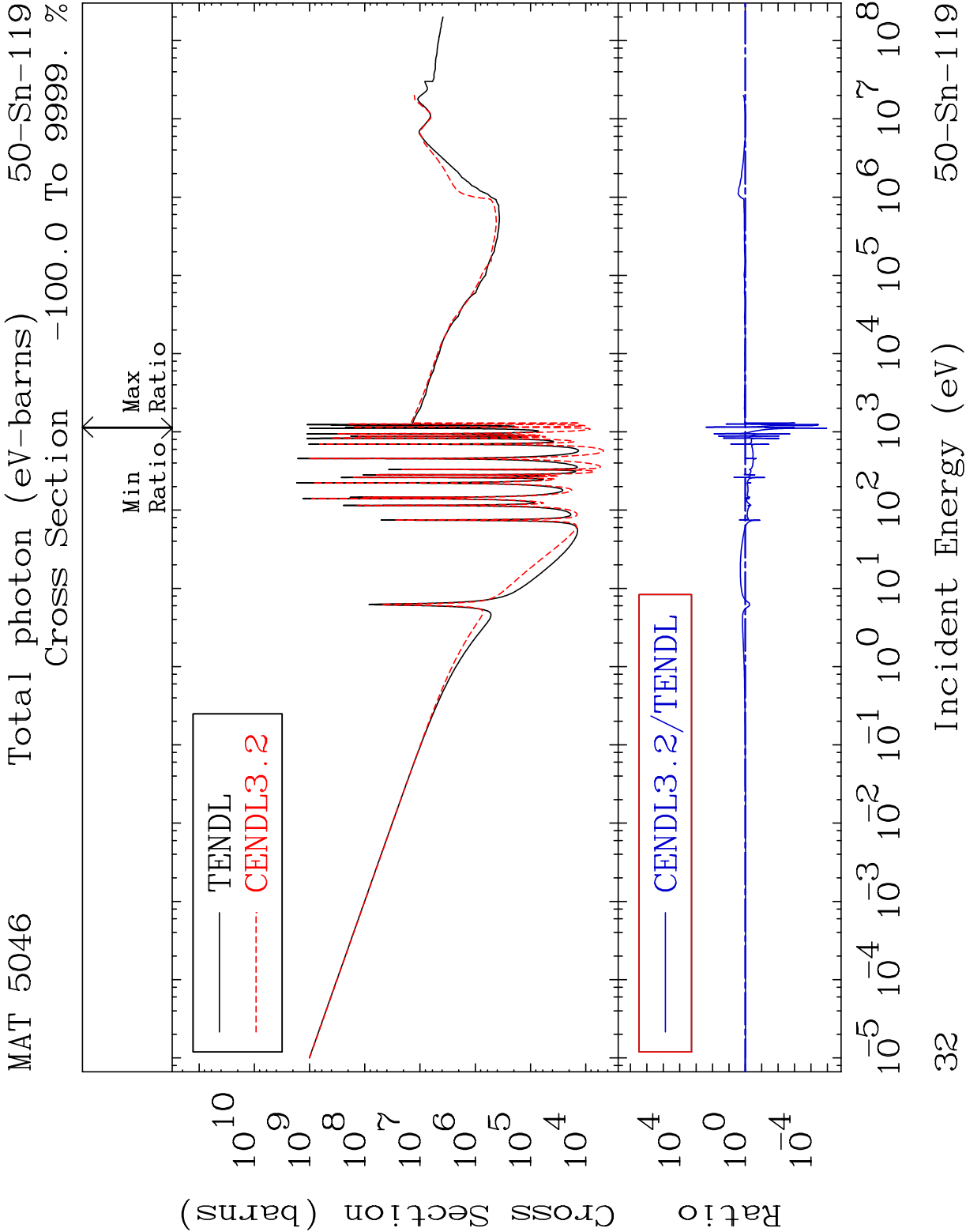
Kerma capture (mt102)

50-Sn-119

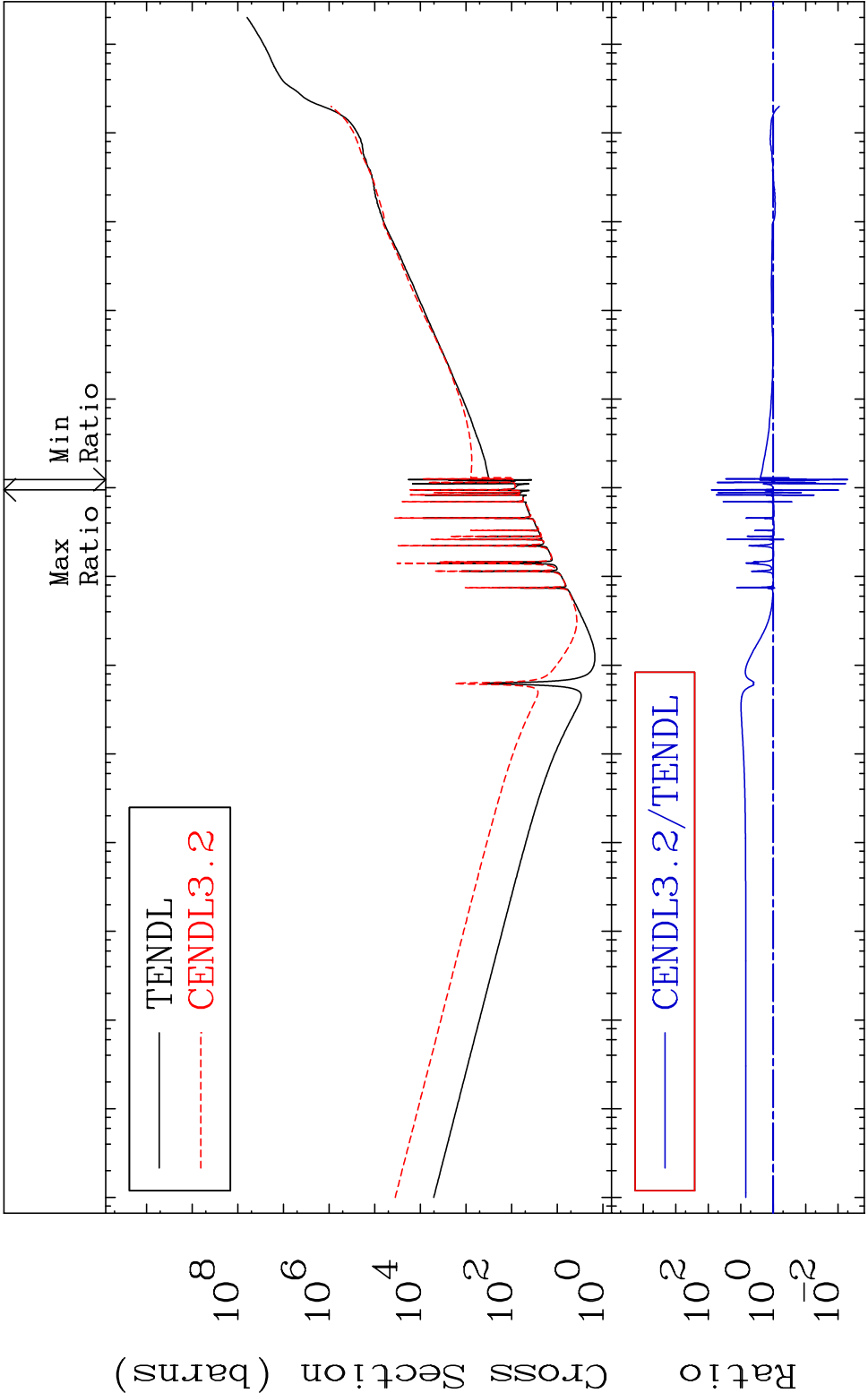
Cross Section

-99.99 To 9999. %

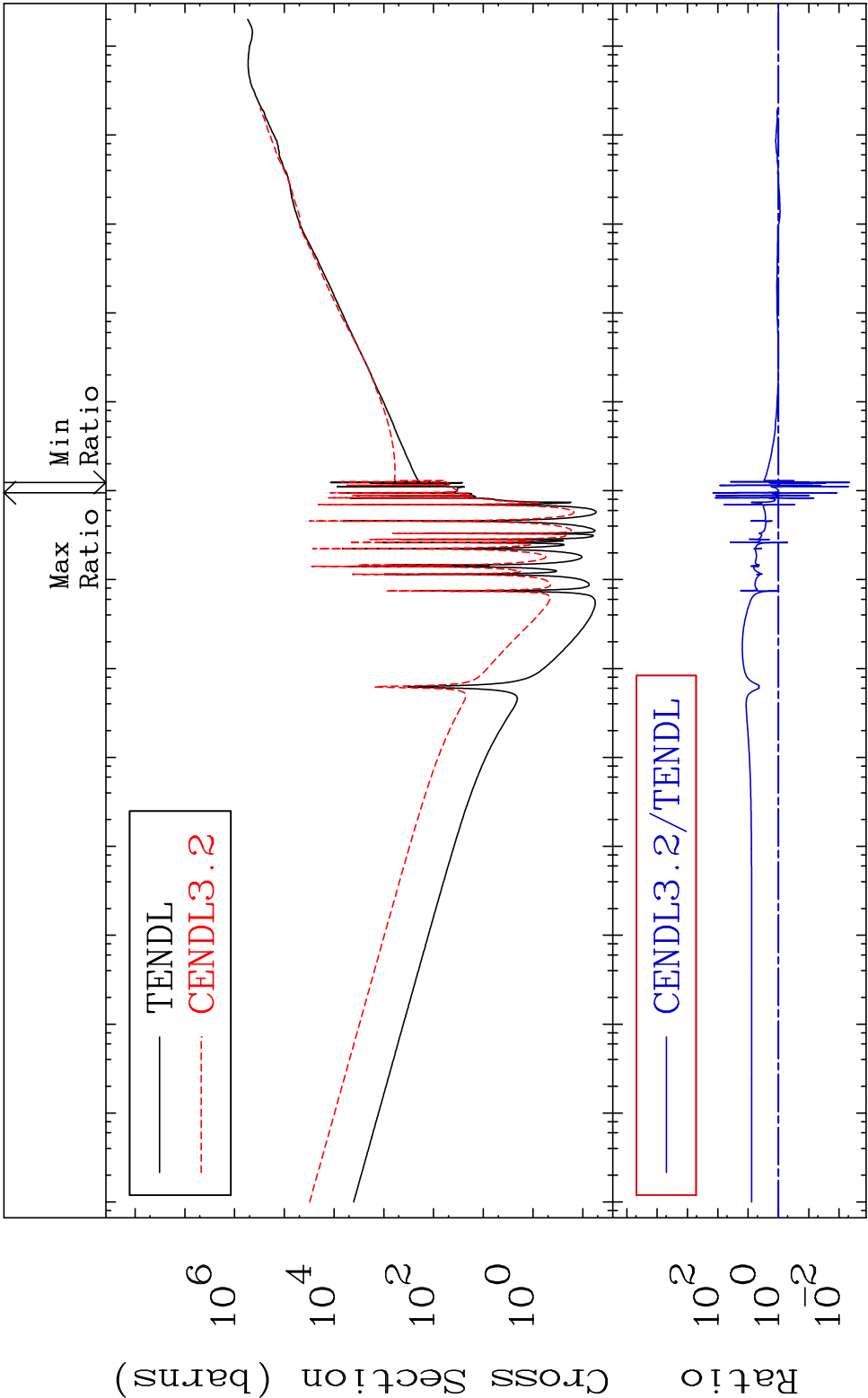




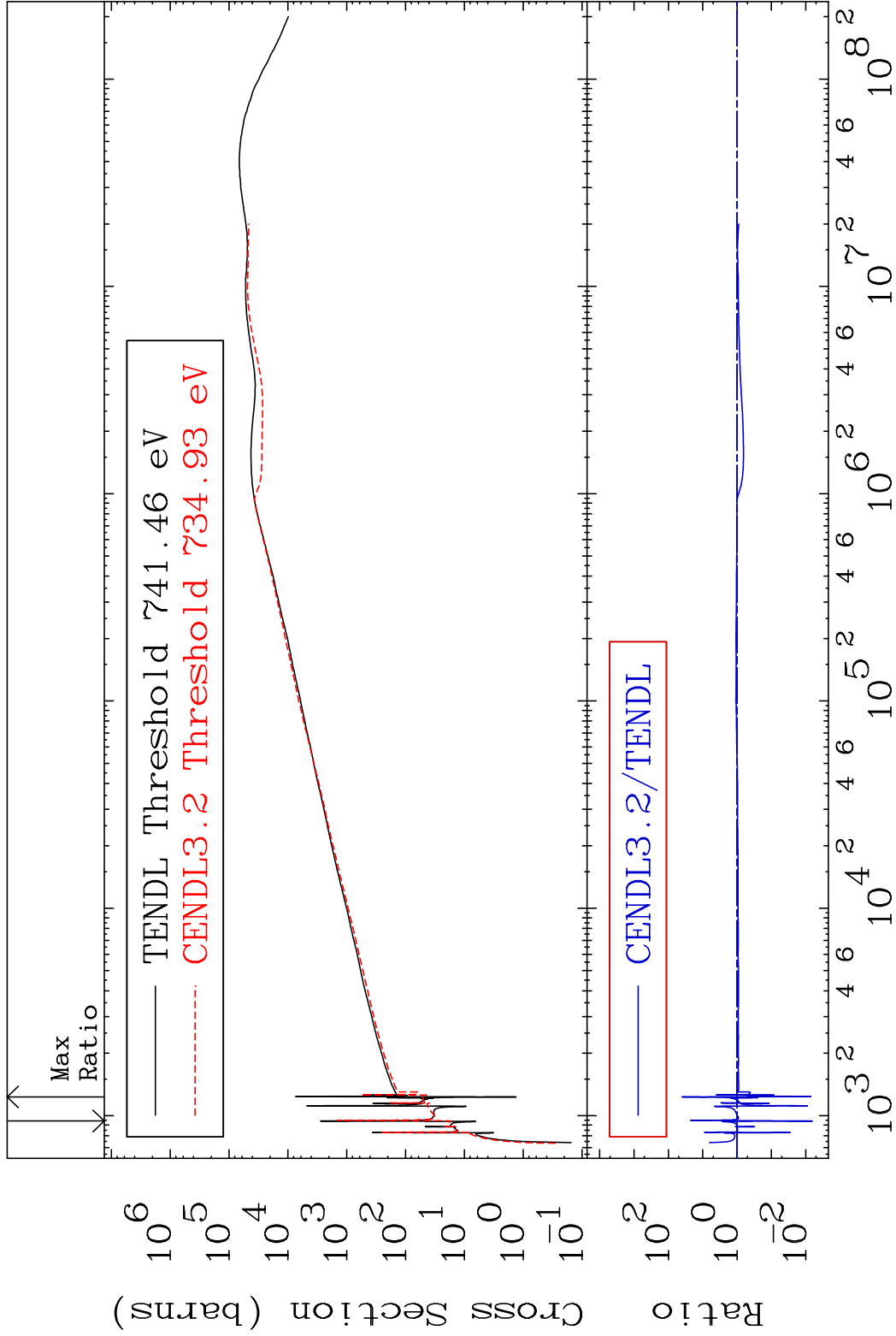
MAT 5046 Total kinematic kerma (high limit) 50-Sn-119
Cross Section -99.49 To 7928. %



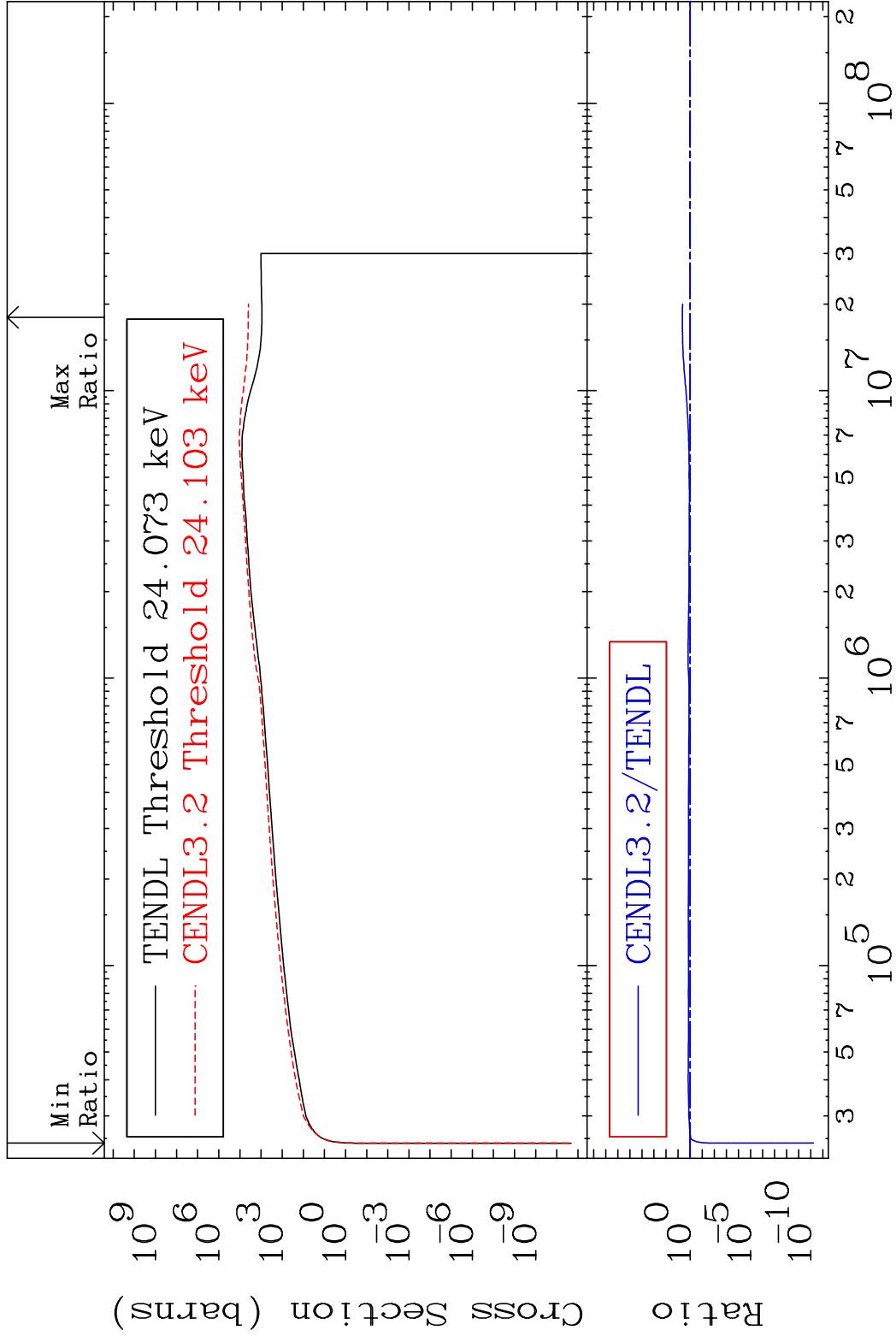
MAT 5046 Dpa total (eV-barns) 50-Sn-119
Cross Section -99.54 To 9999. %



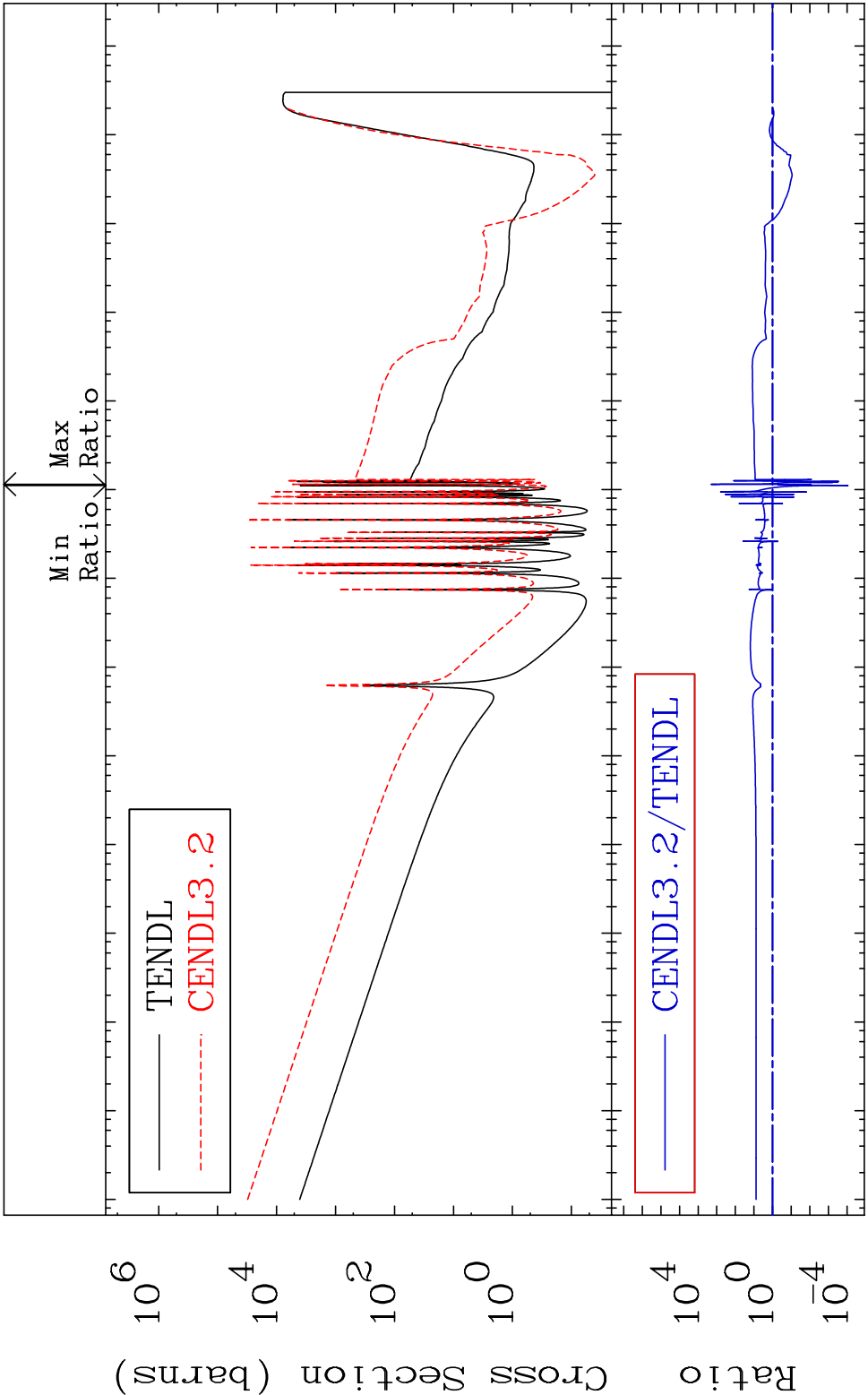
MAT 5046	Dpa elastic (mt2)	50-Sn-119
	Cross Section	-99.37 To 3820. %

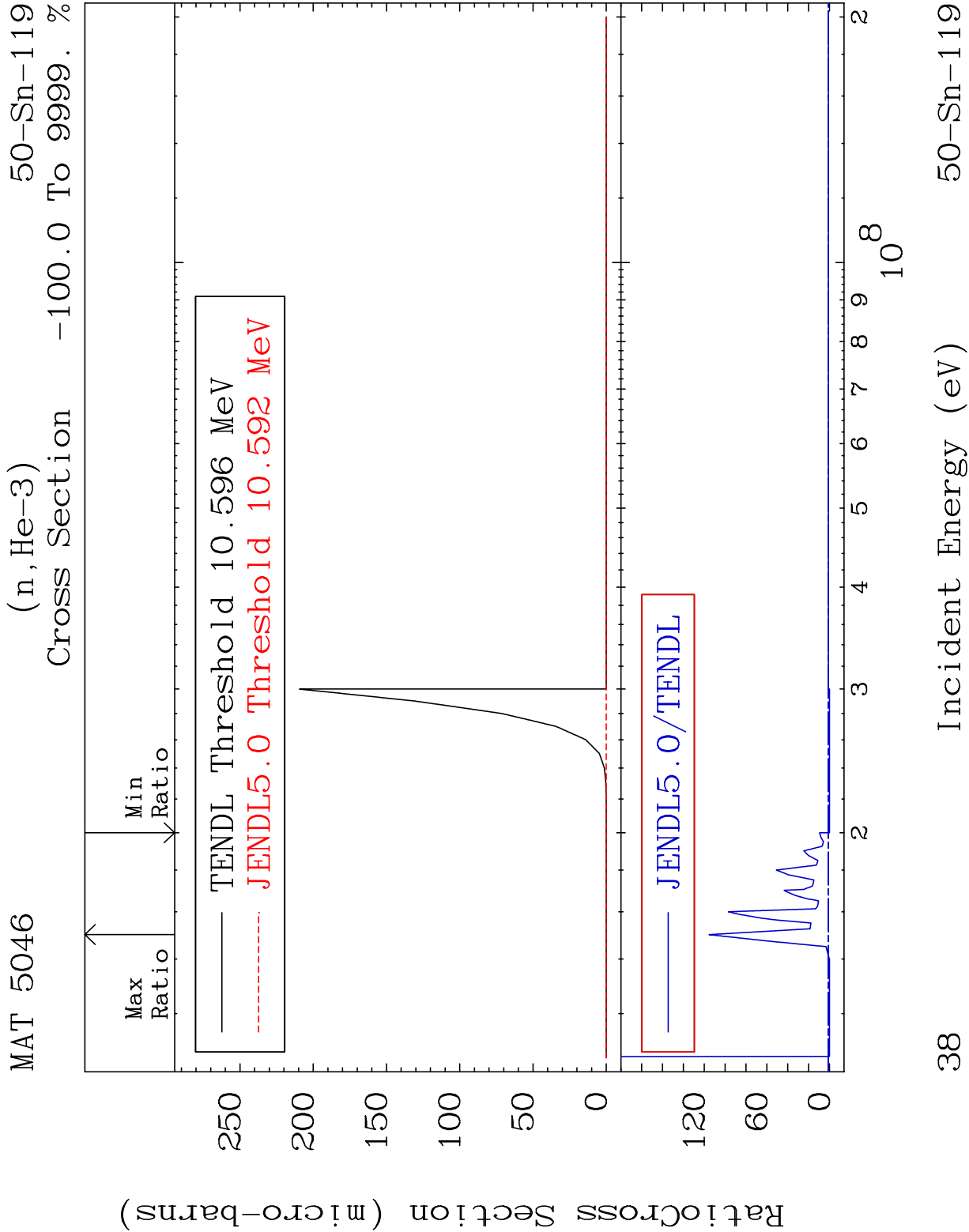


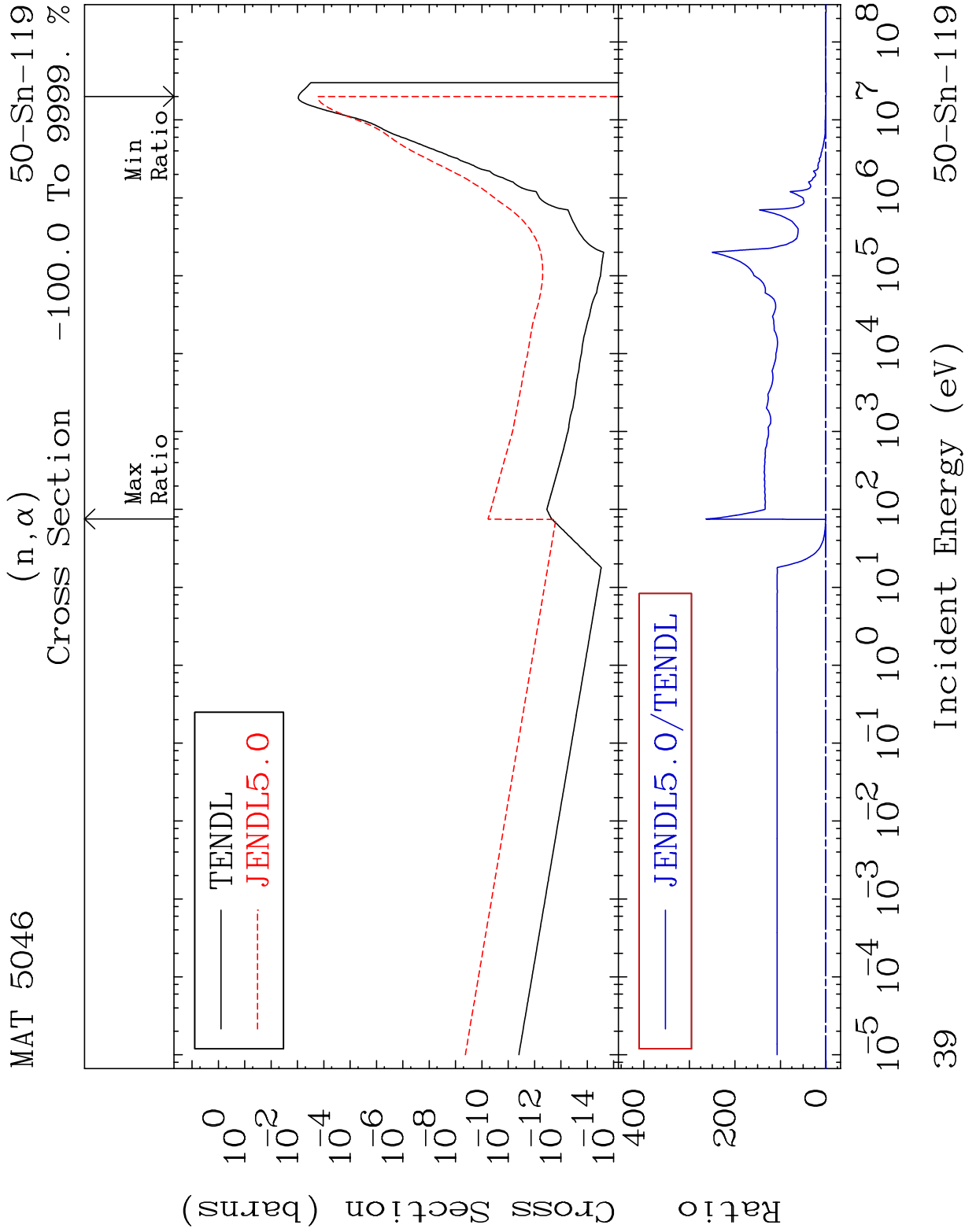
MAT 5046 Dpa inelastic (mt51-91) 50-Sn-119
Cross Section -100.0 To 345.7 %

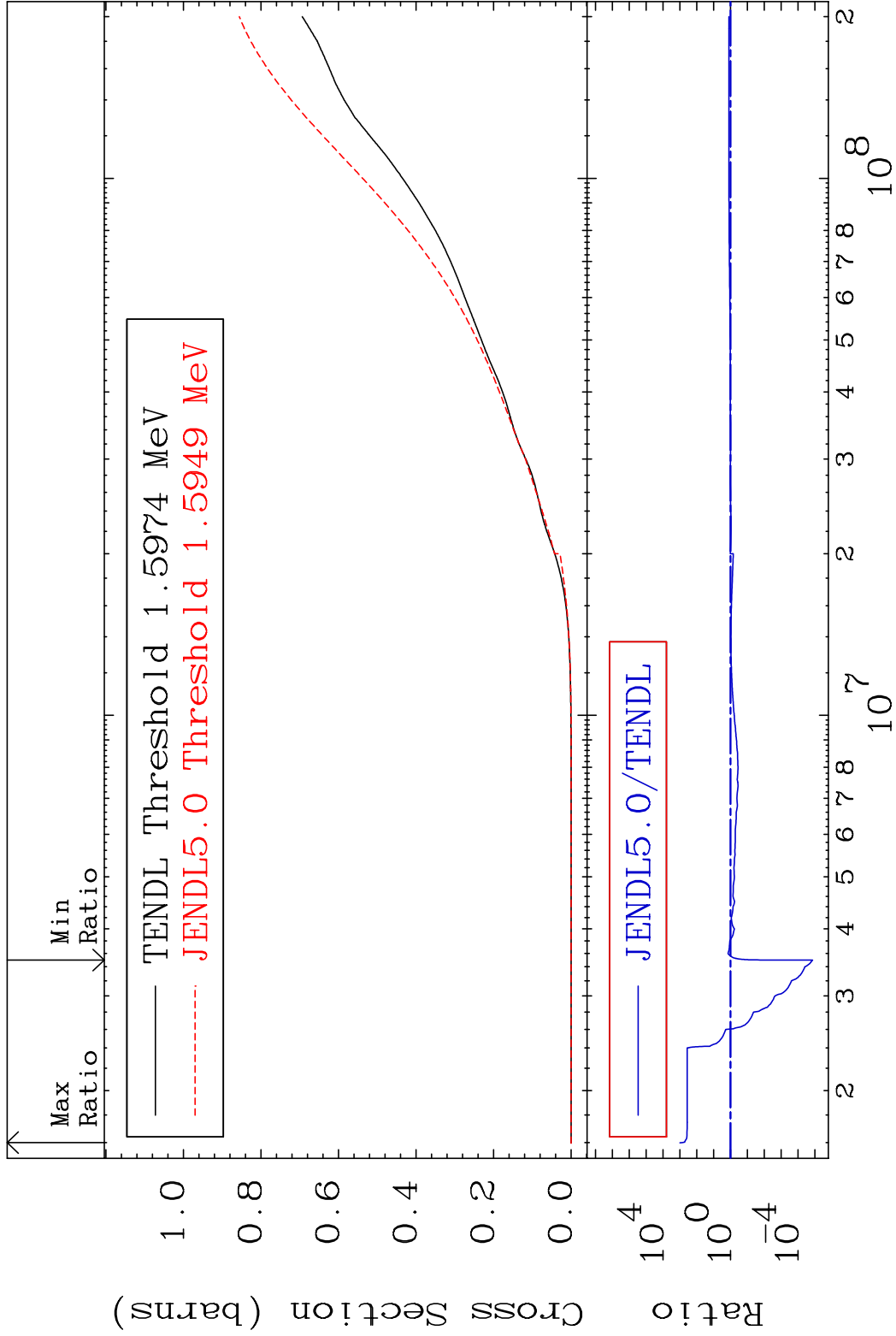


MAT 5046 Dpa disappearance (mt102 -120) 50-Sn-119
 Cross Section -99.99 To 9999. %

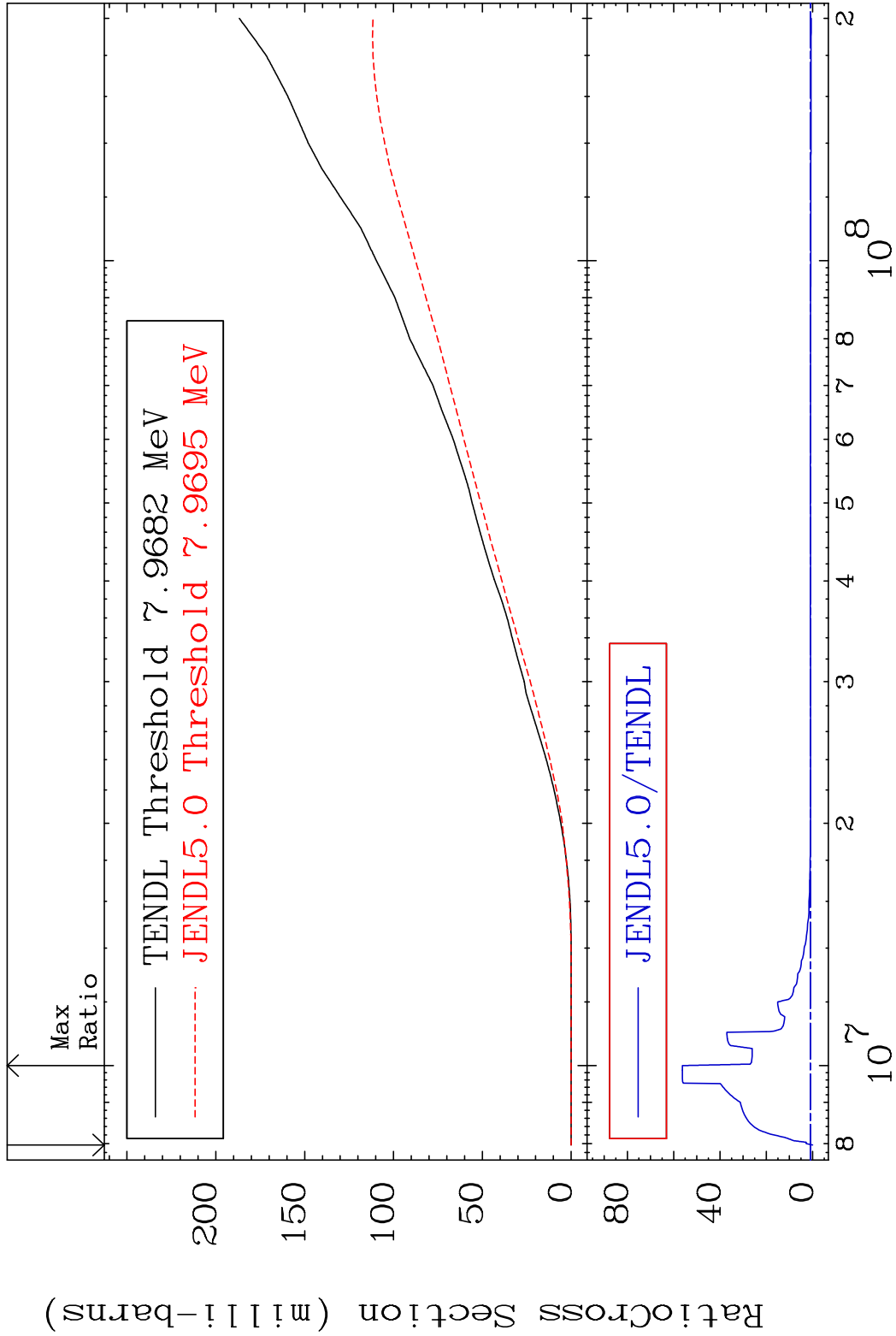




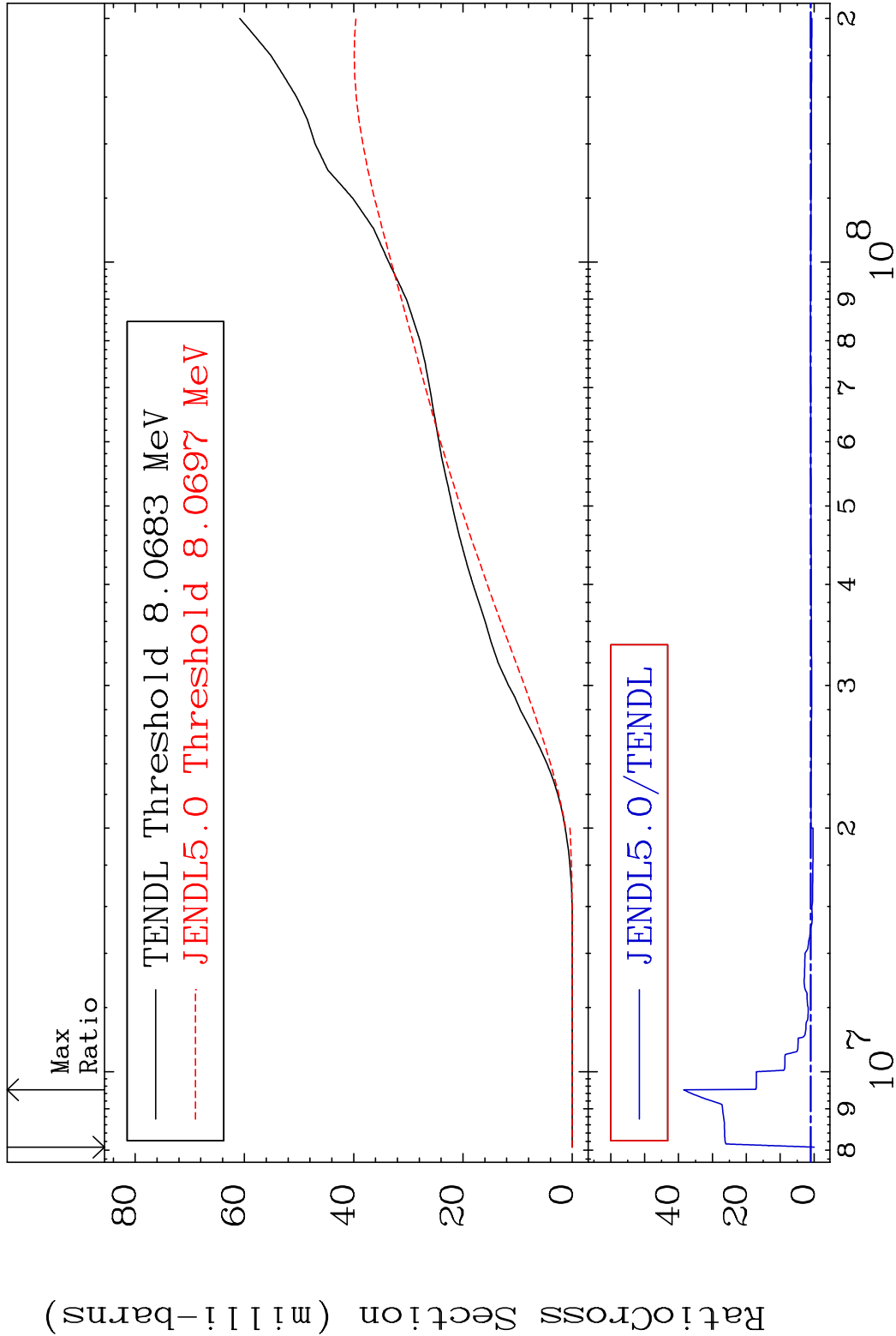




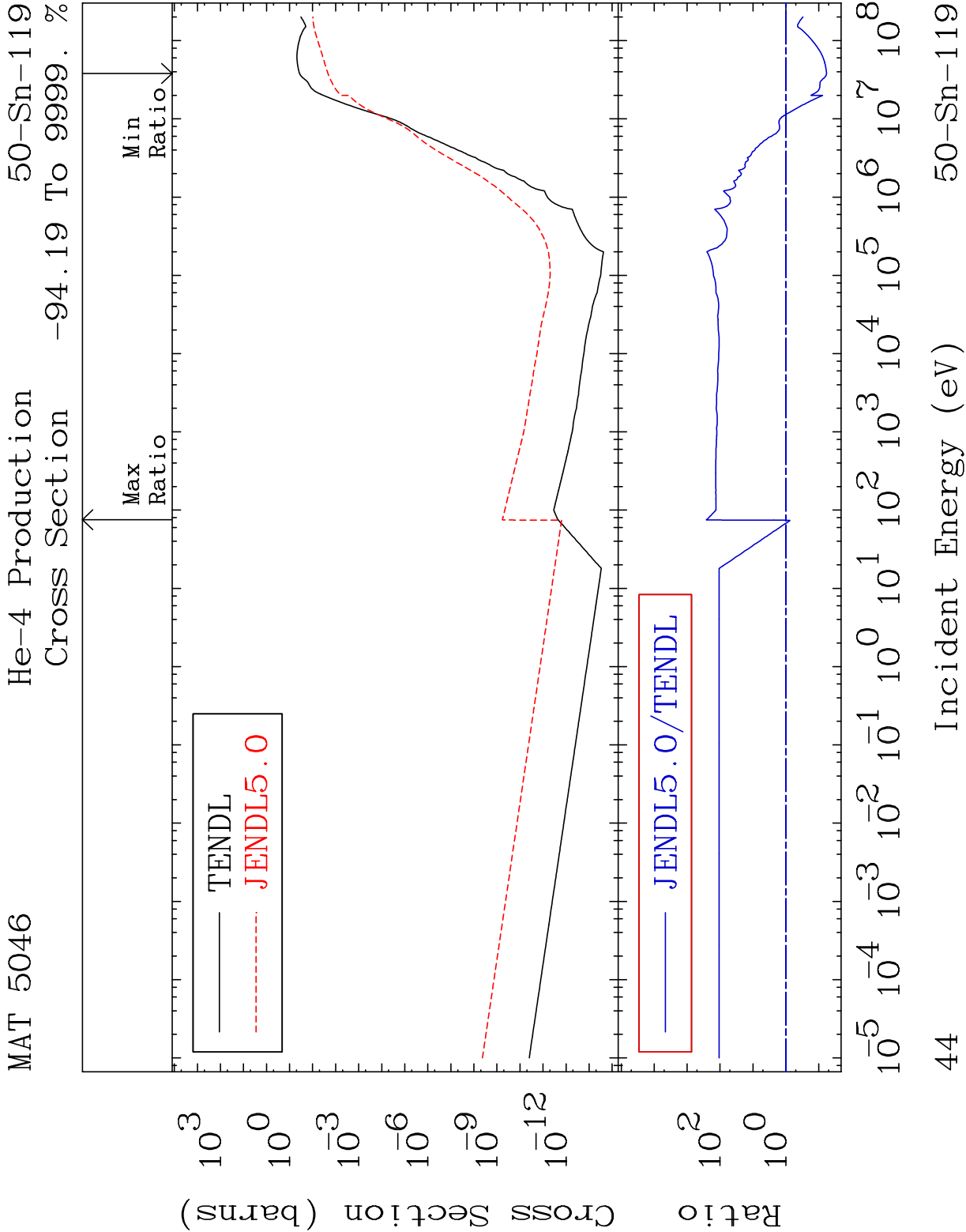
MAT 5046 Deuterium Production 50-Sn-119
Cross Section -100.0 To 5525. %



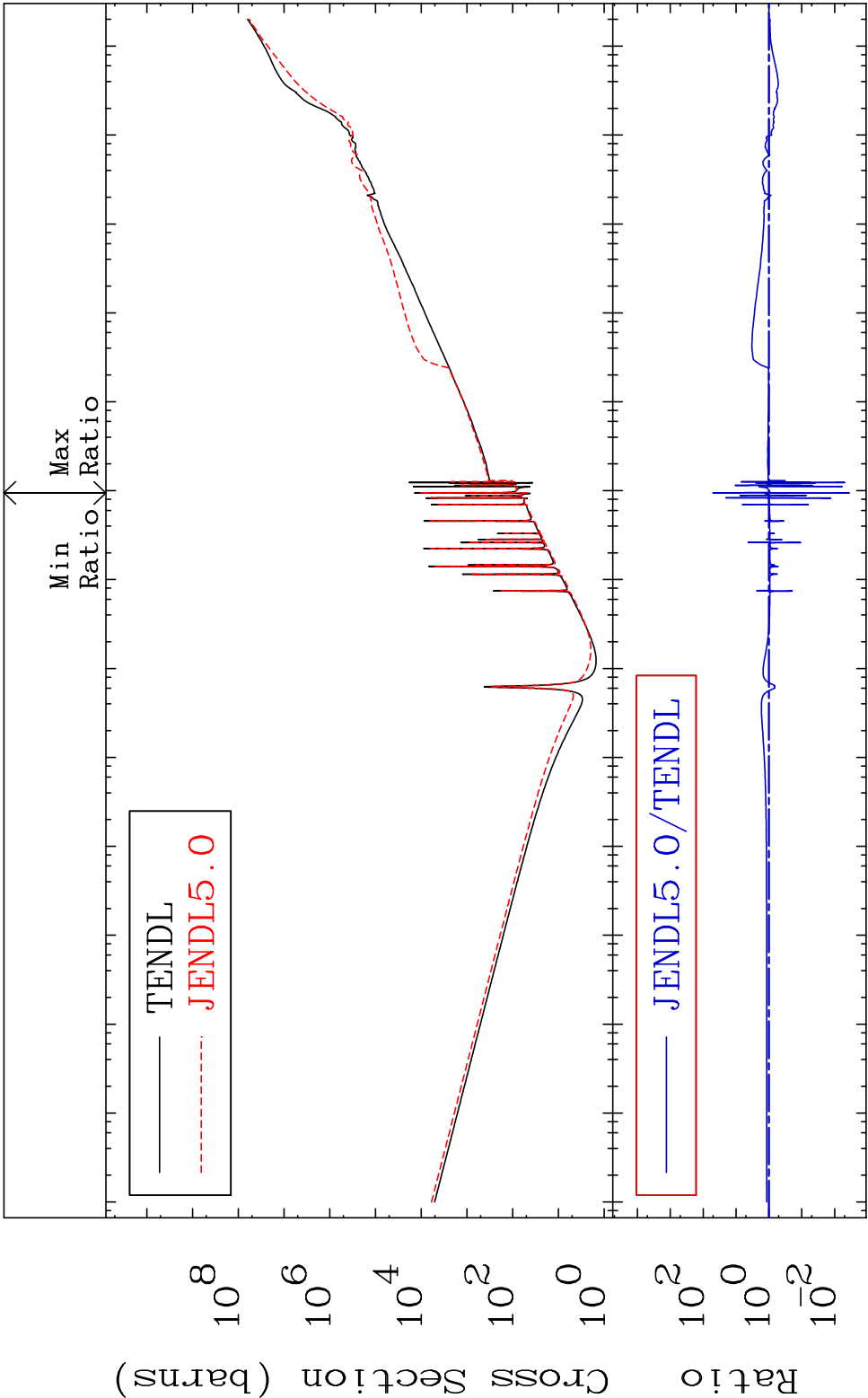
MAT 5046 Tritium Production 50-Sn-119
Cross Section -100.0 To 3749. %

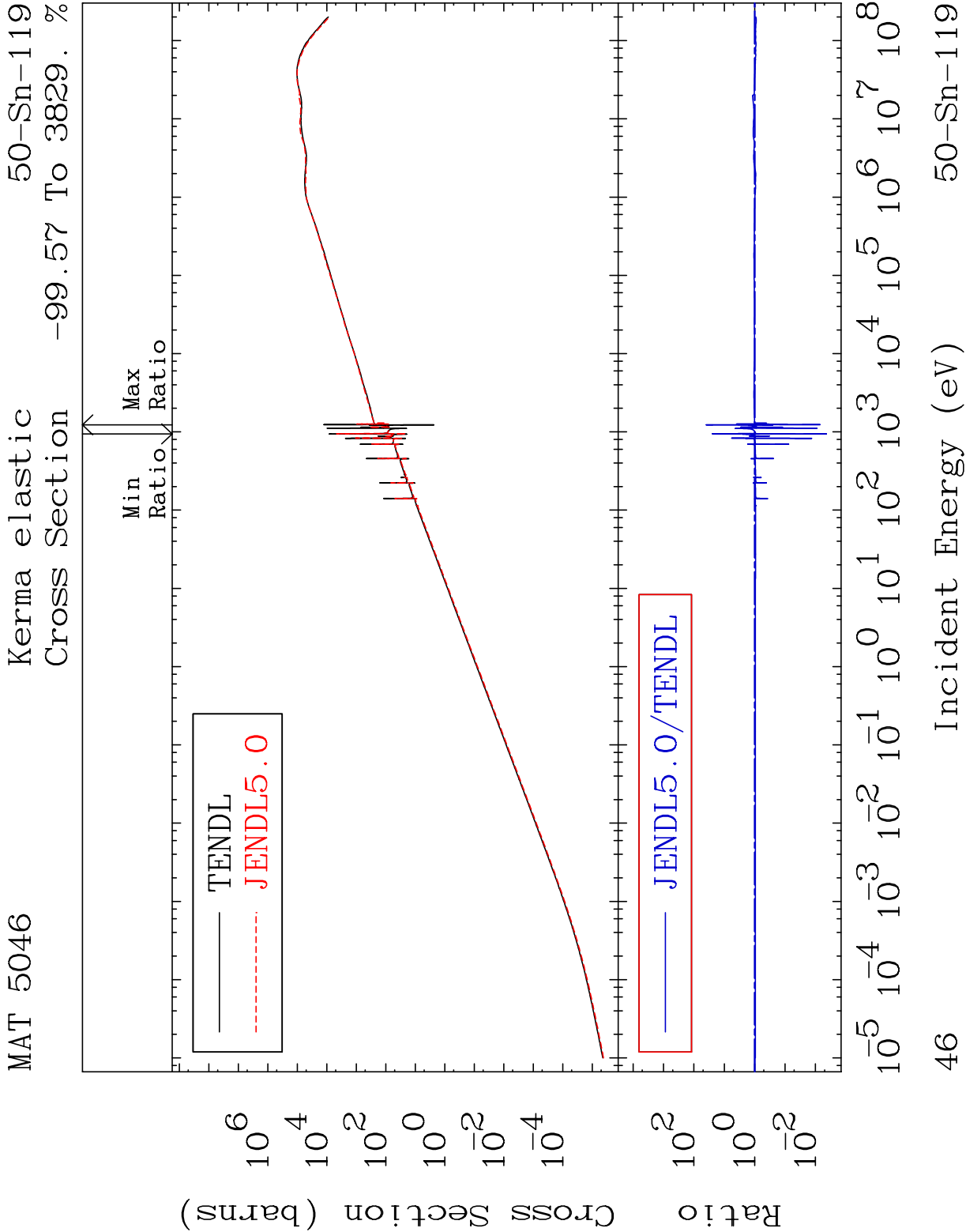


42 Incident Energy (eV) 50-Sn-119

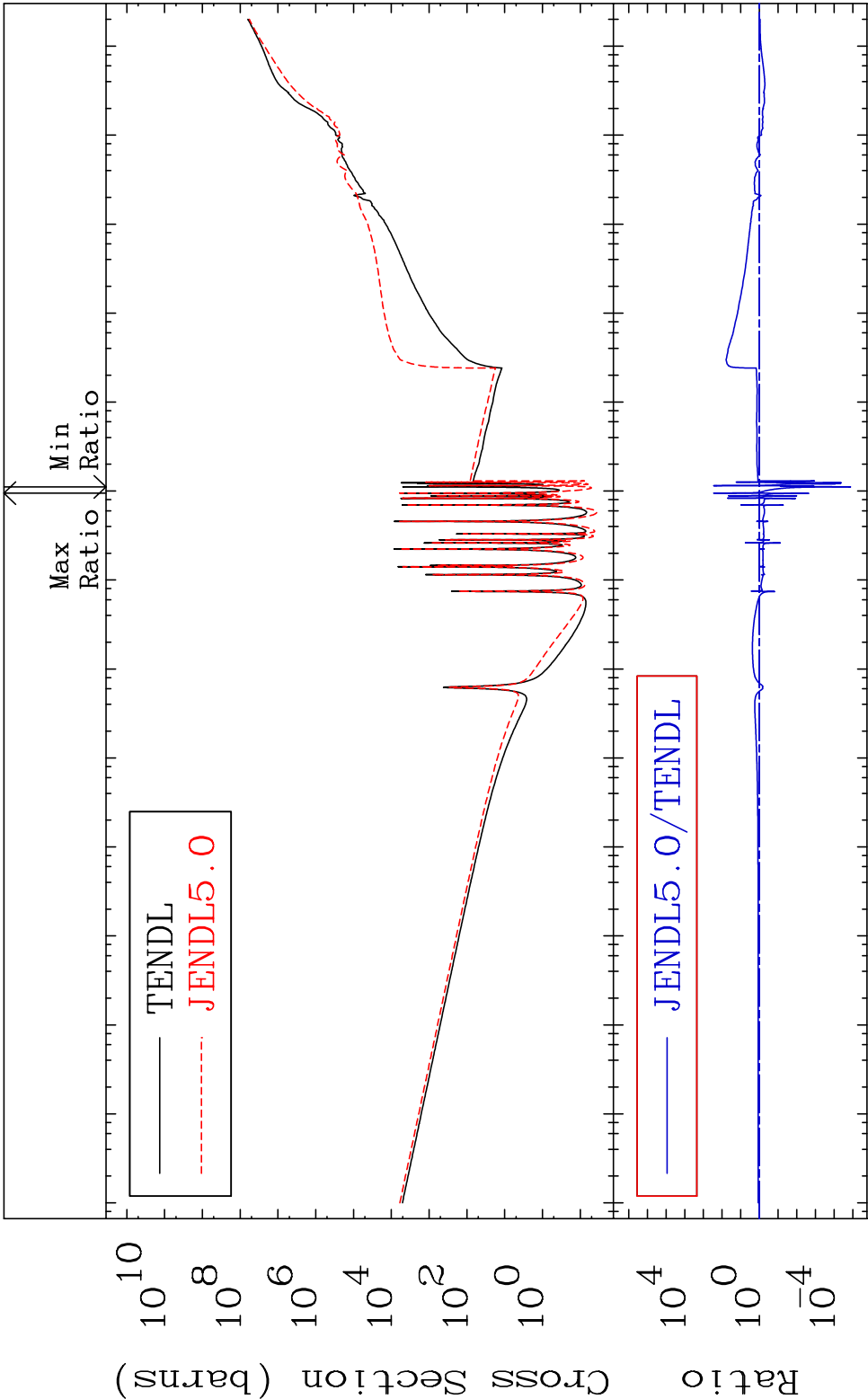


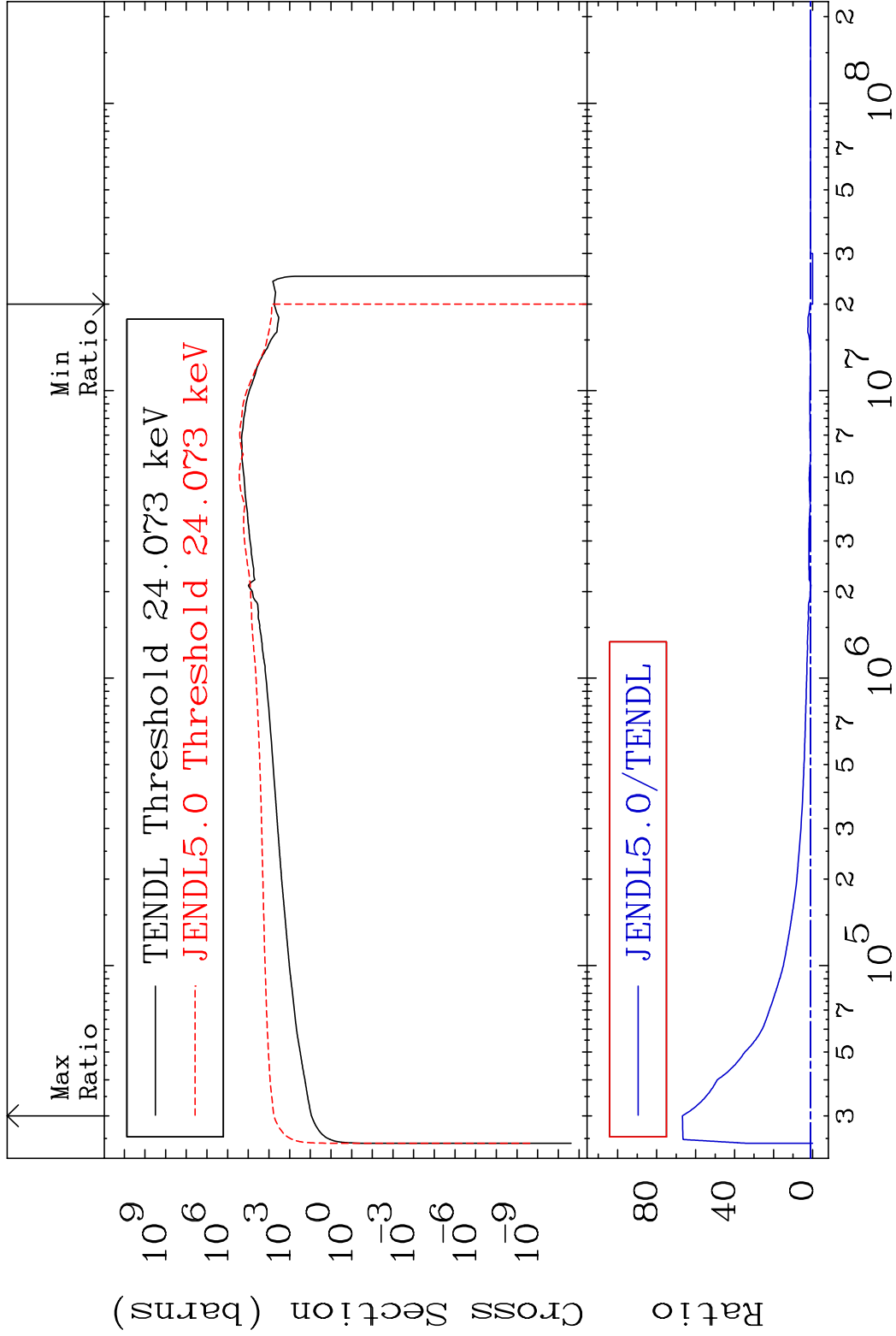
MAT 5046	Kerma total (eV-barns)	50-Sn-119
	Cross Section	-99.65 To 4993. %



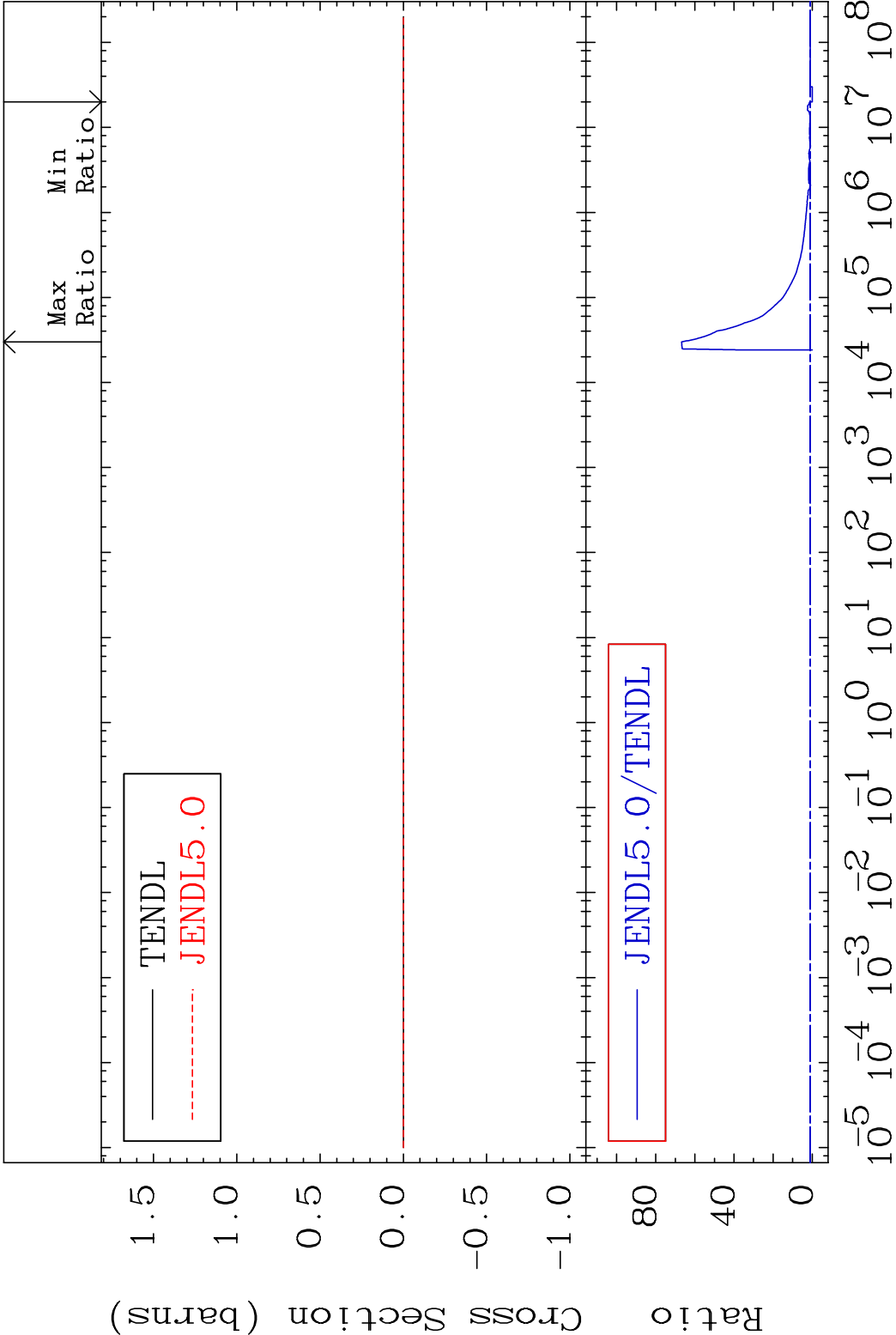


MAT 5046 Kerma non-elastic (all but mt2) 50-Sn-119
Cross Section -100.0 To 9999. %

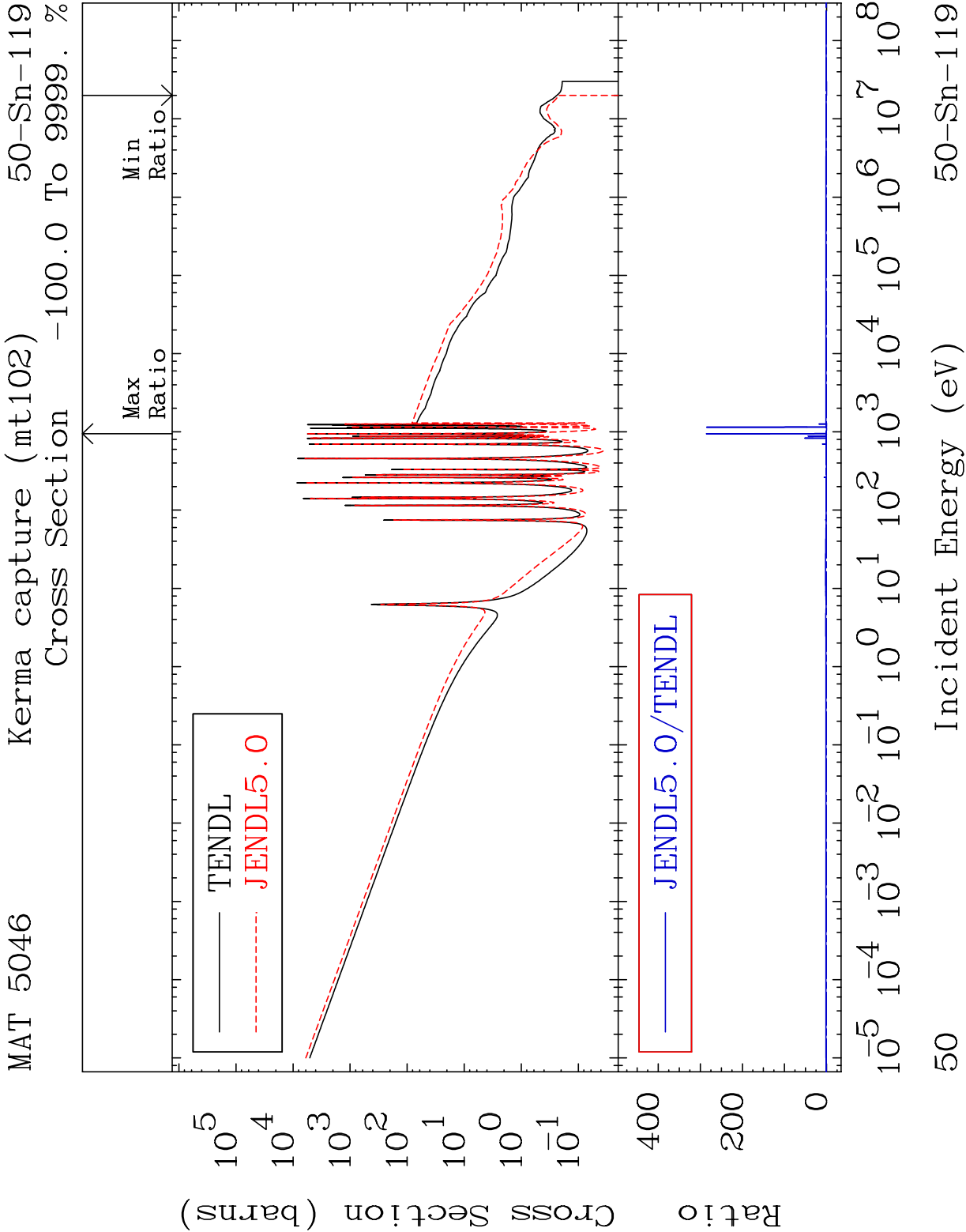


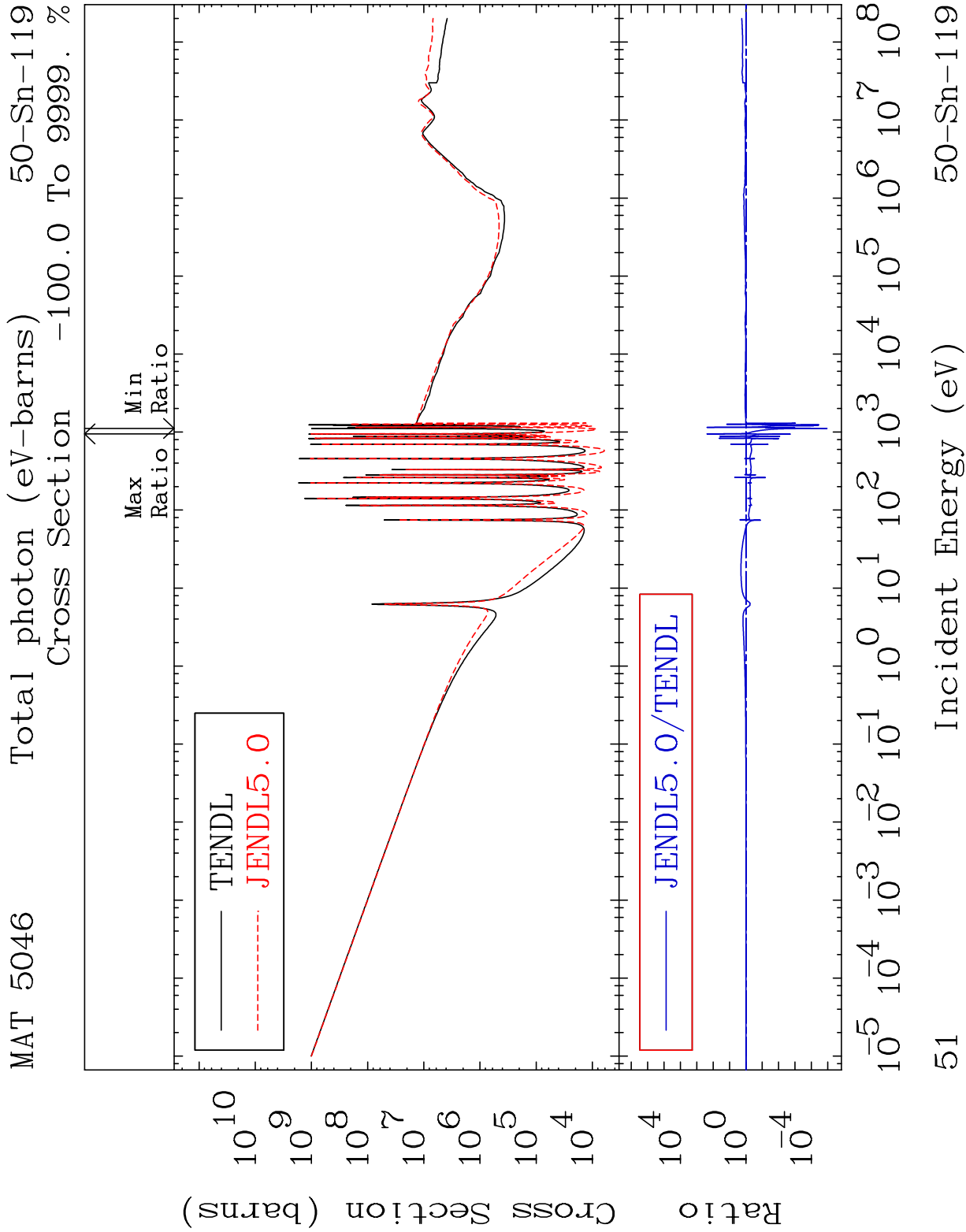


MAT 5046 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-119
Cross Section -100.0 To 6581. %

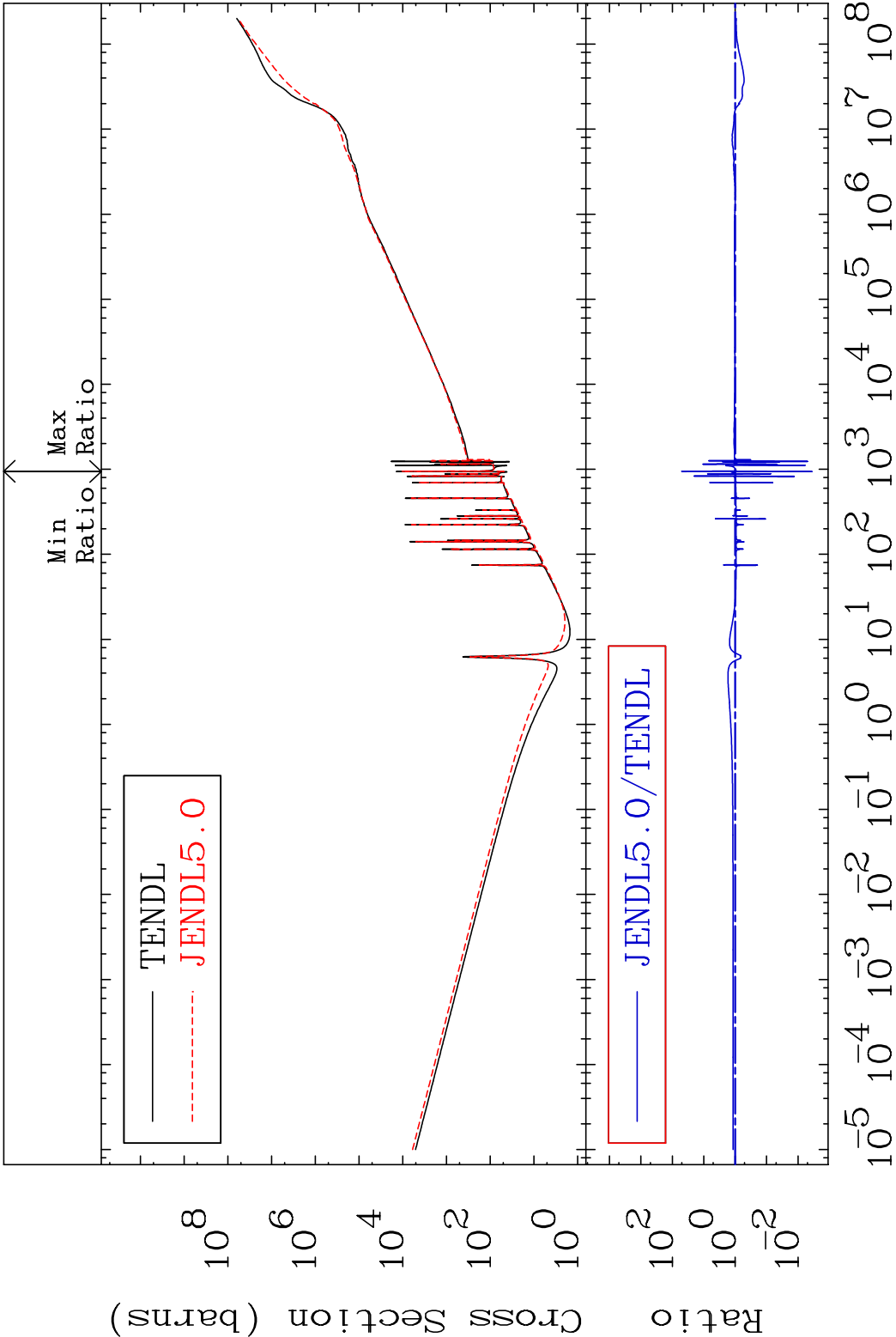


49 Incident Energy (eV) 50-Sn-119

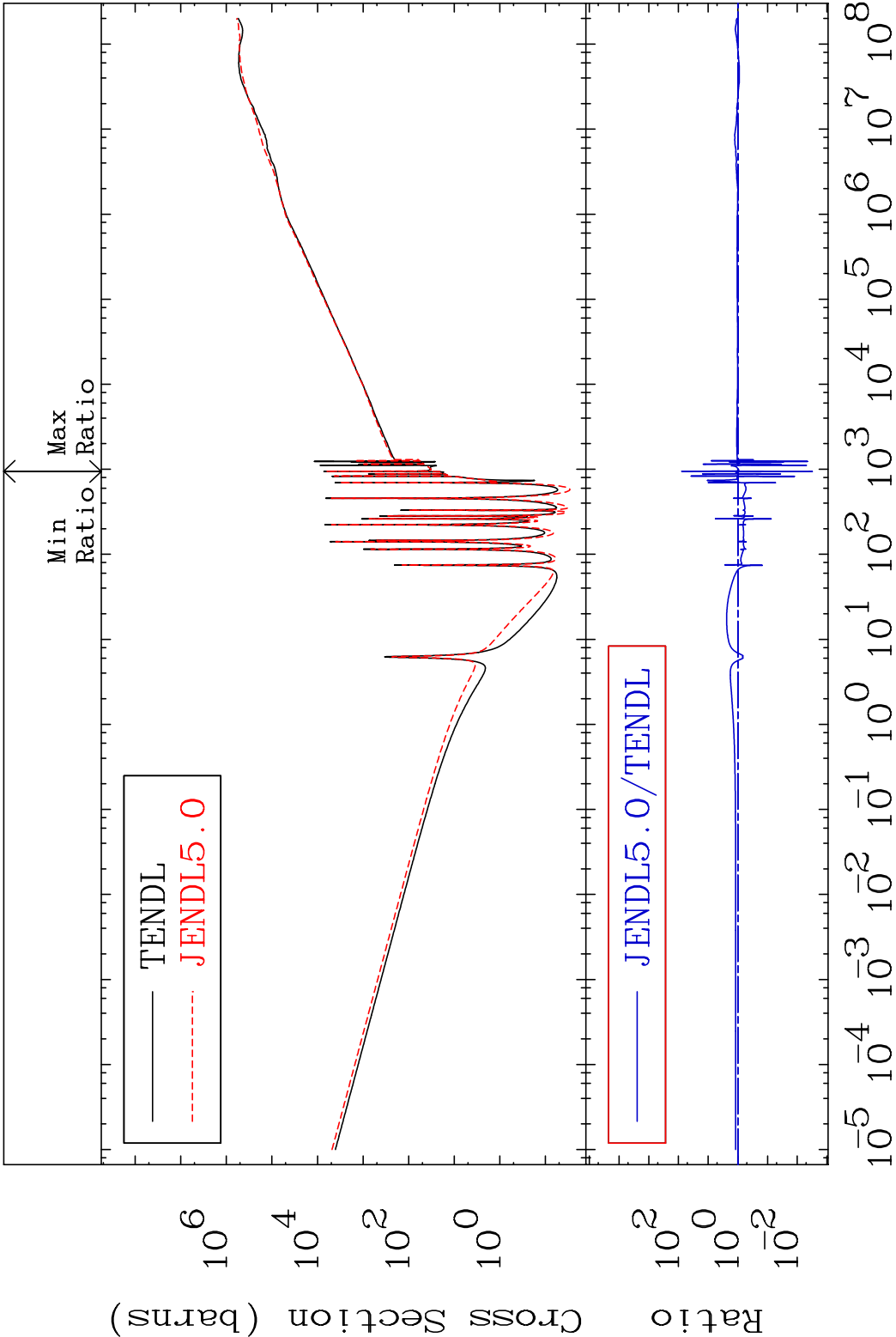




MAT 5046 Total kinematic kerma (high limit) 50-Sn-119
Cross Section -99.65 To 4993. %

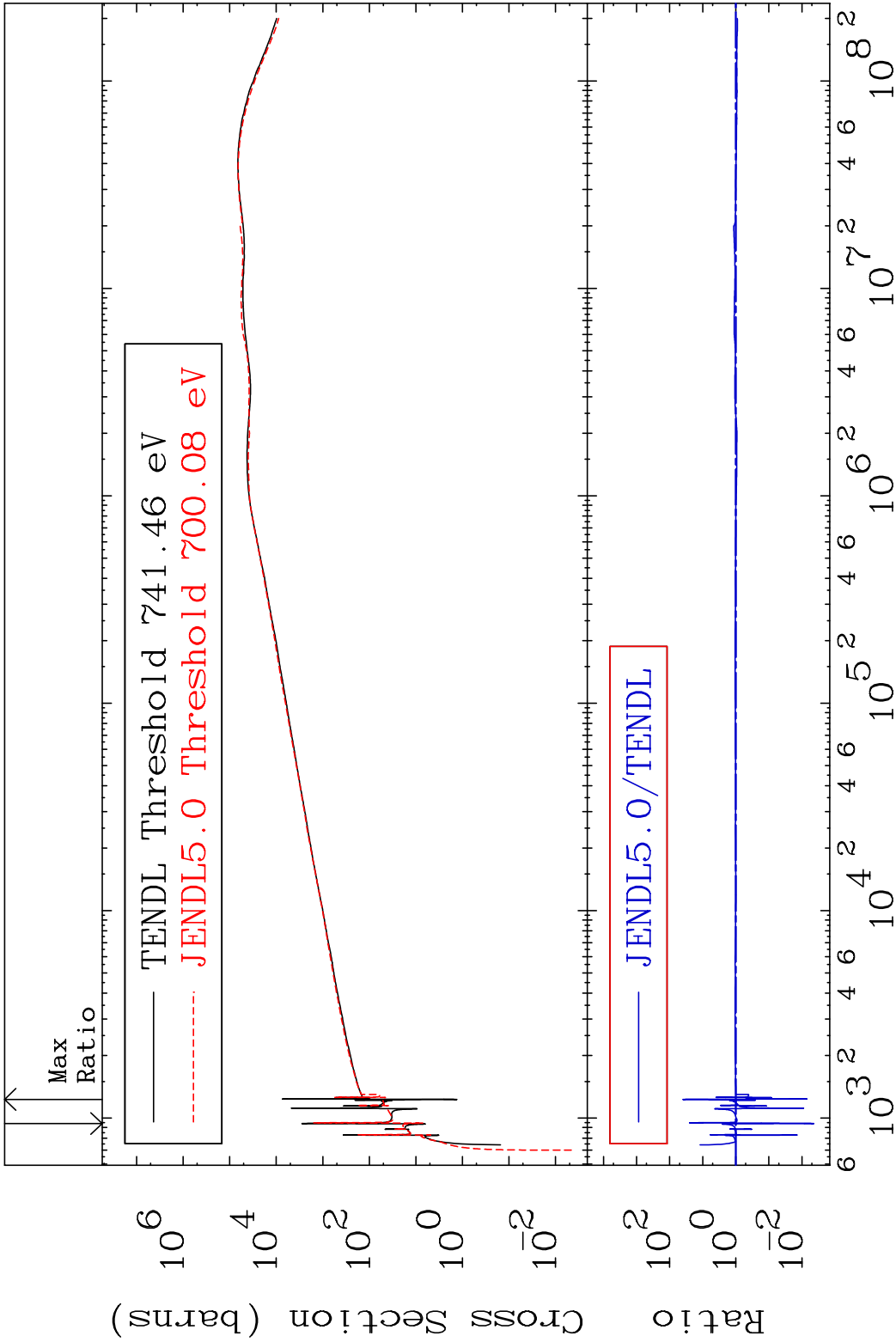


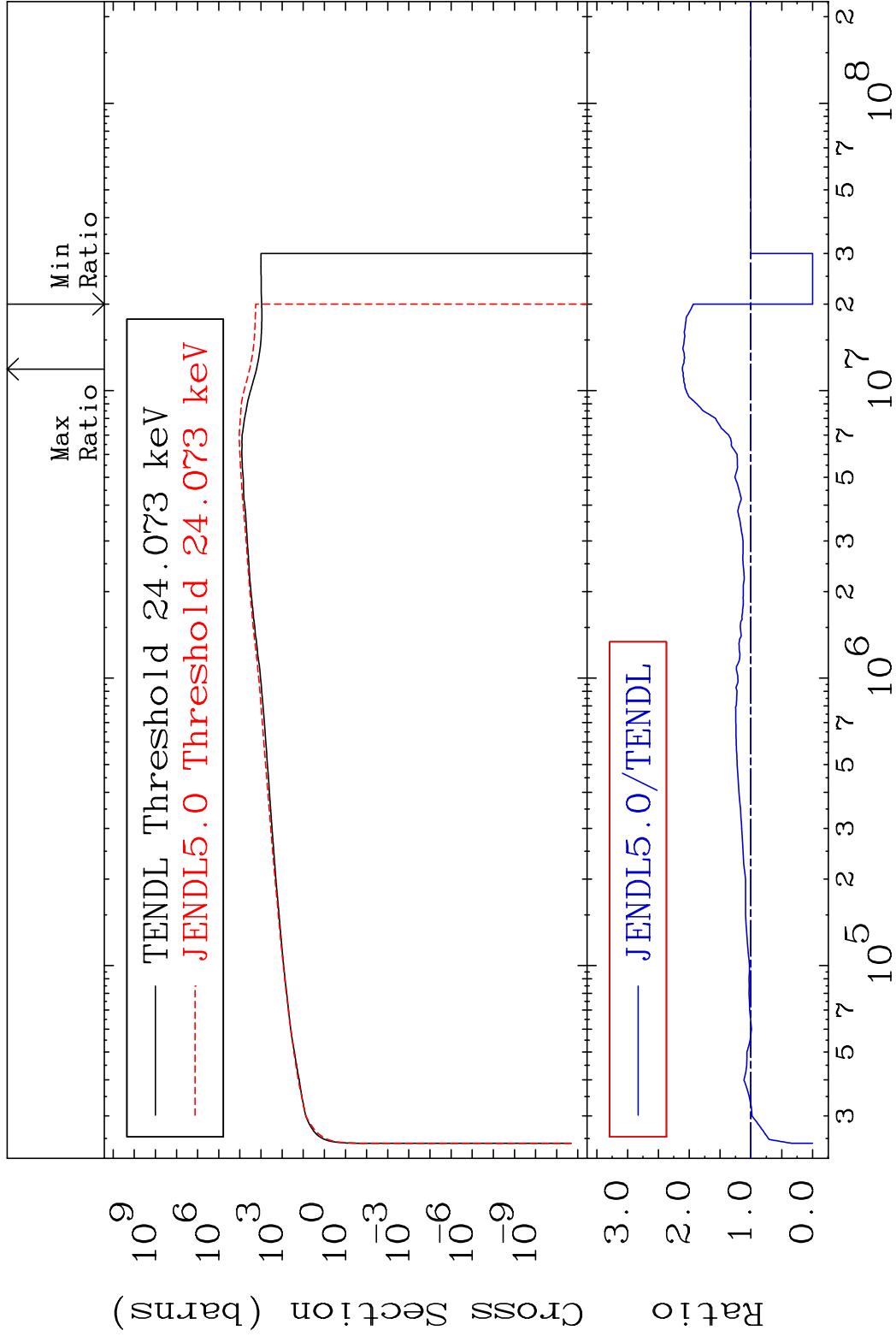
MAT 5046	Dpa total (eV-barns)	50-Sn-119
	Cross Section	-99.69 To 7769. %



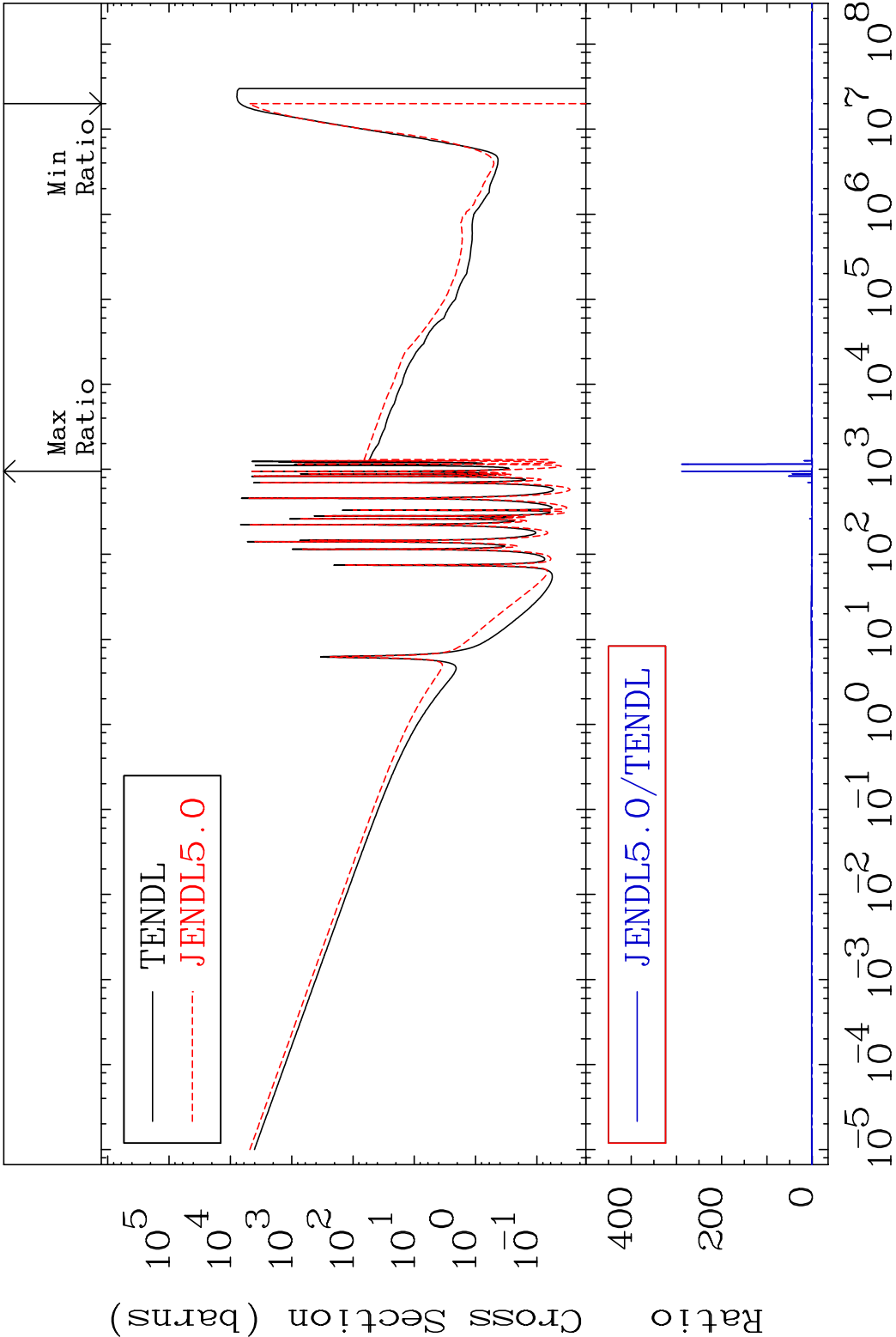
53	Incident Energy (eV)	50-Sn-119
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MAT 5046	Dpa elastic (mt2)	50-Sn-119
	Cross Section	-99.56 To 3831. %

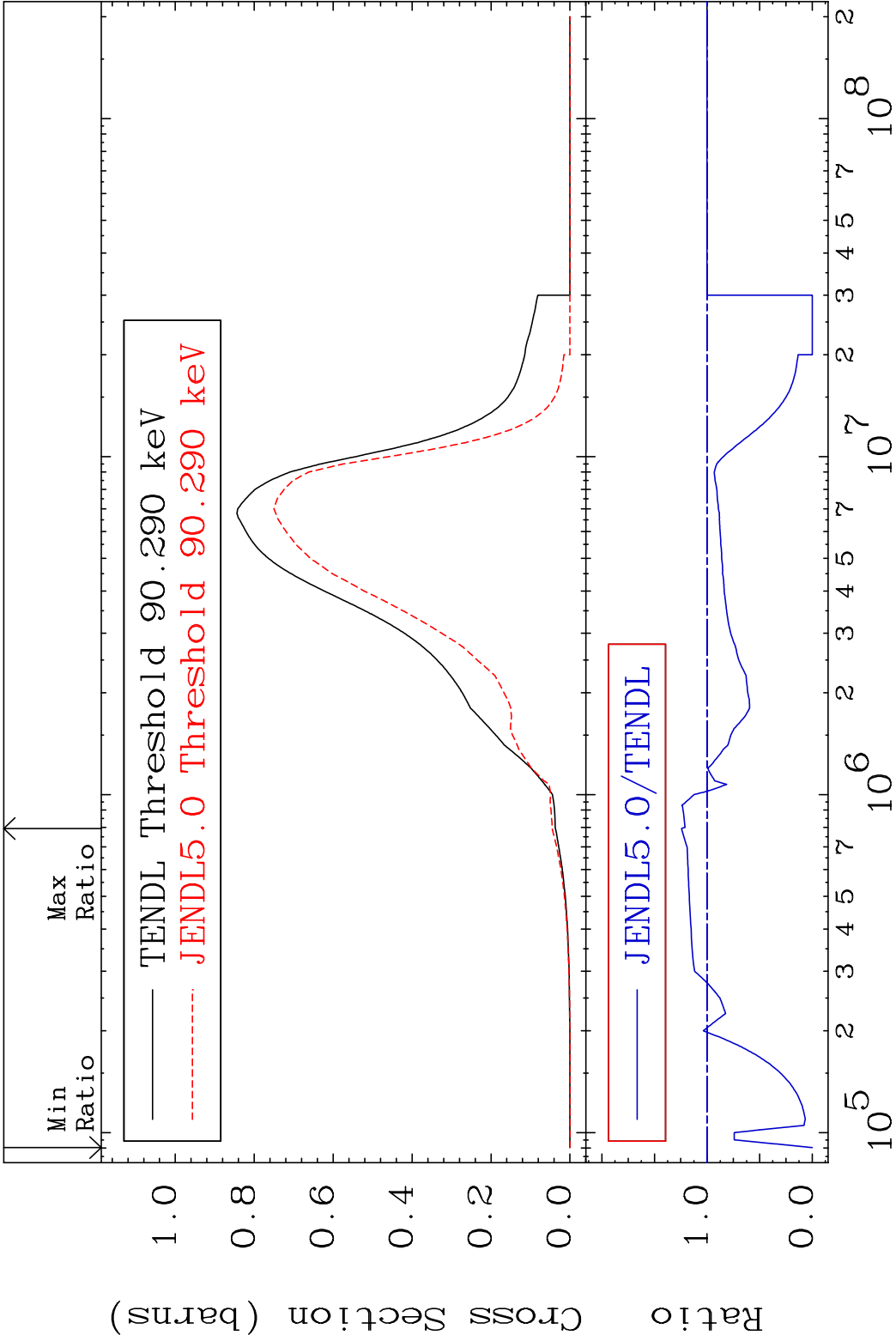


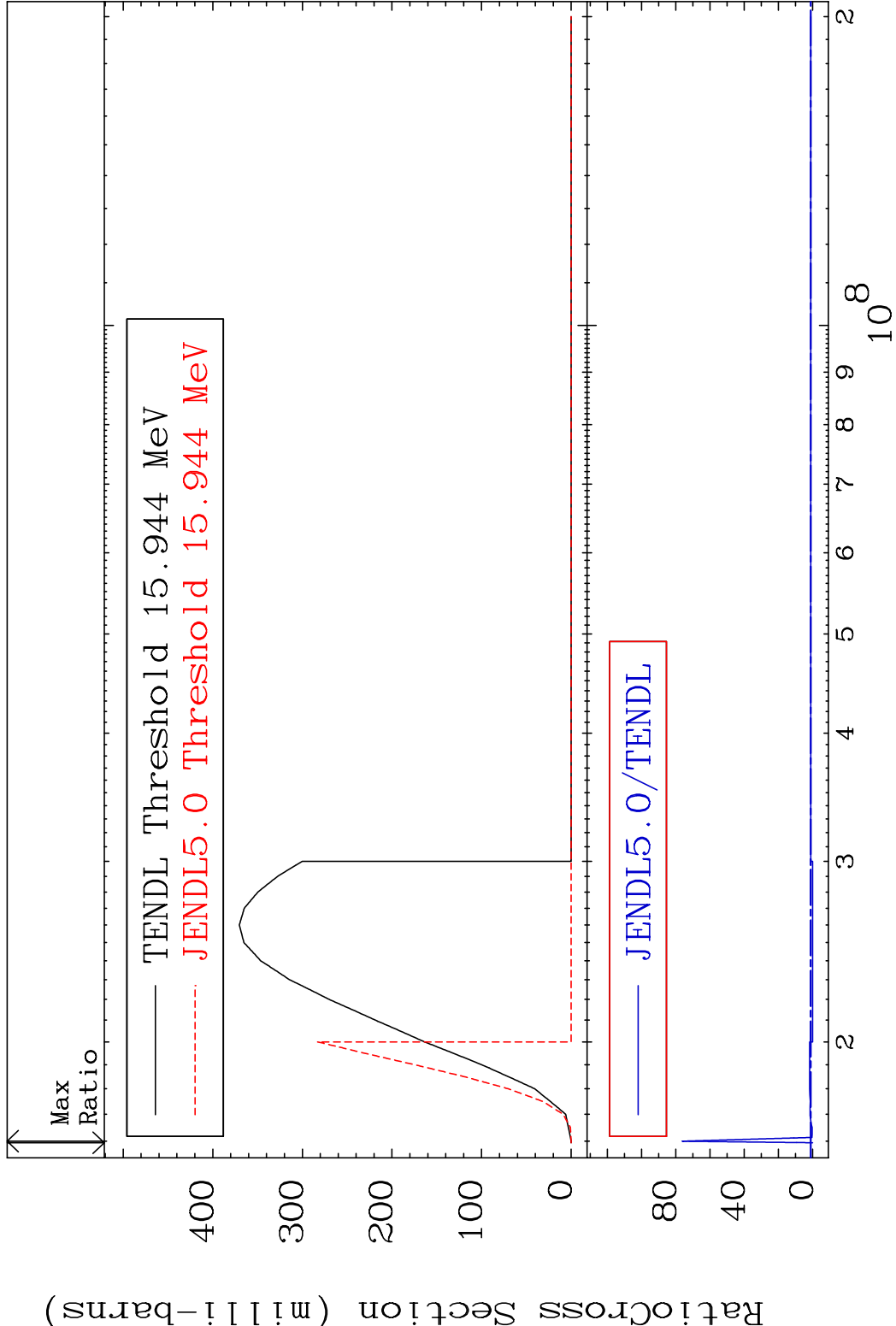


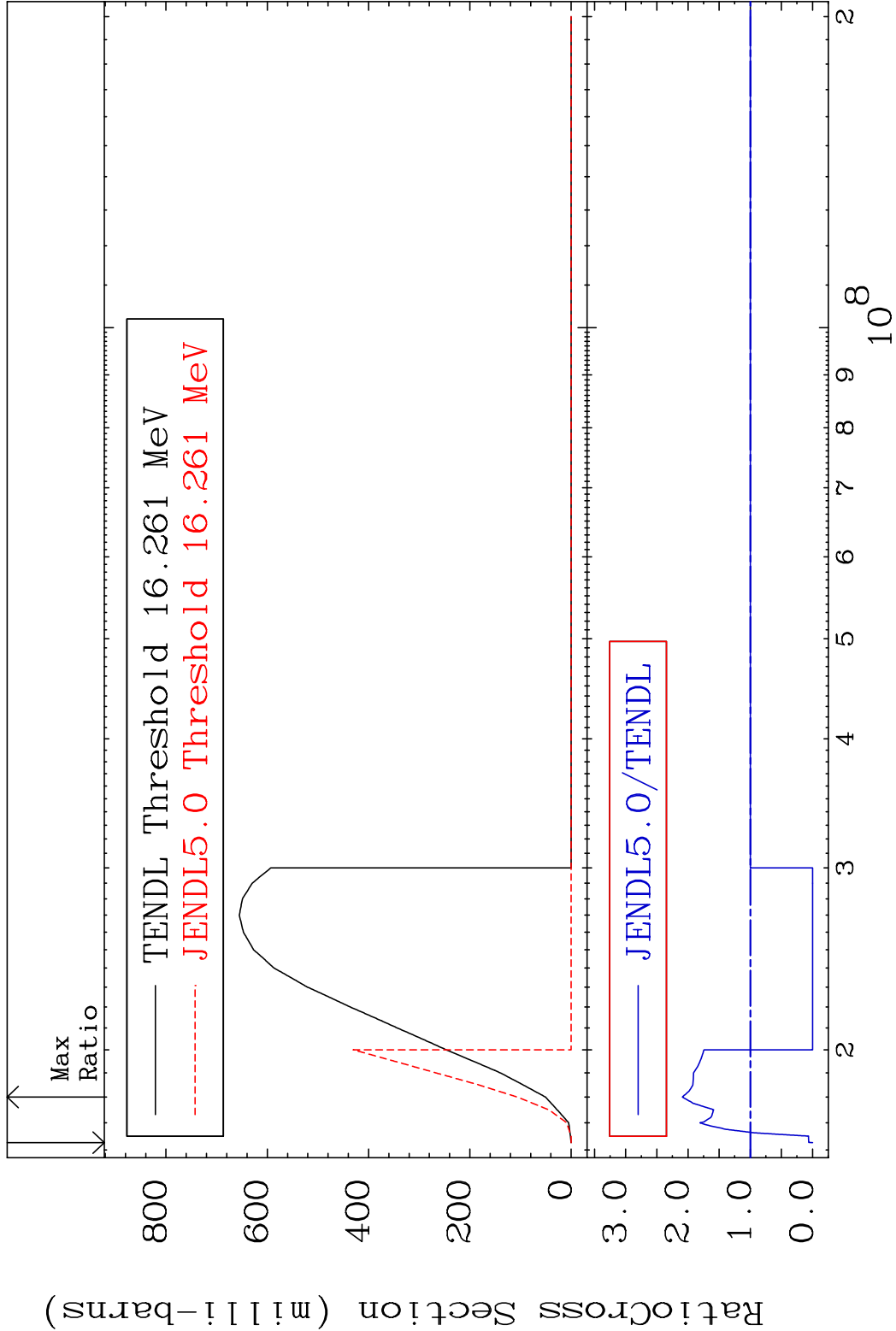
MAT 5046 Dpa disappearance (mt102 -120) 50-Sn-119
Cross Section -100.0 To 9999. %

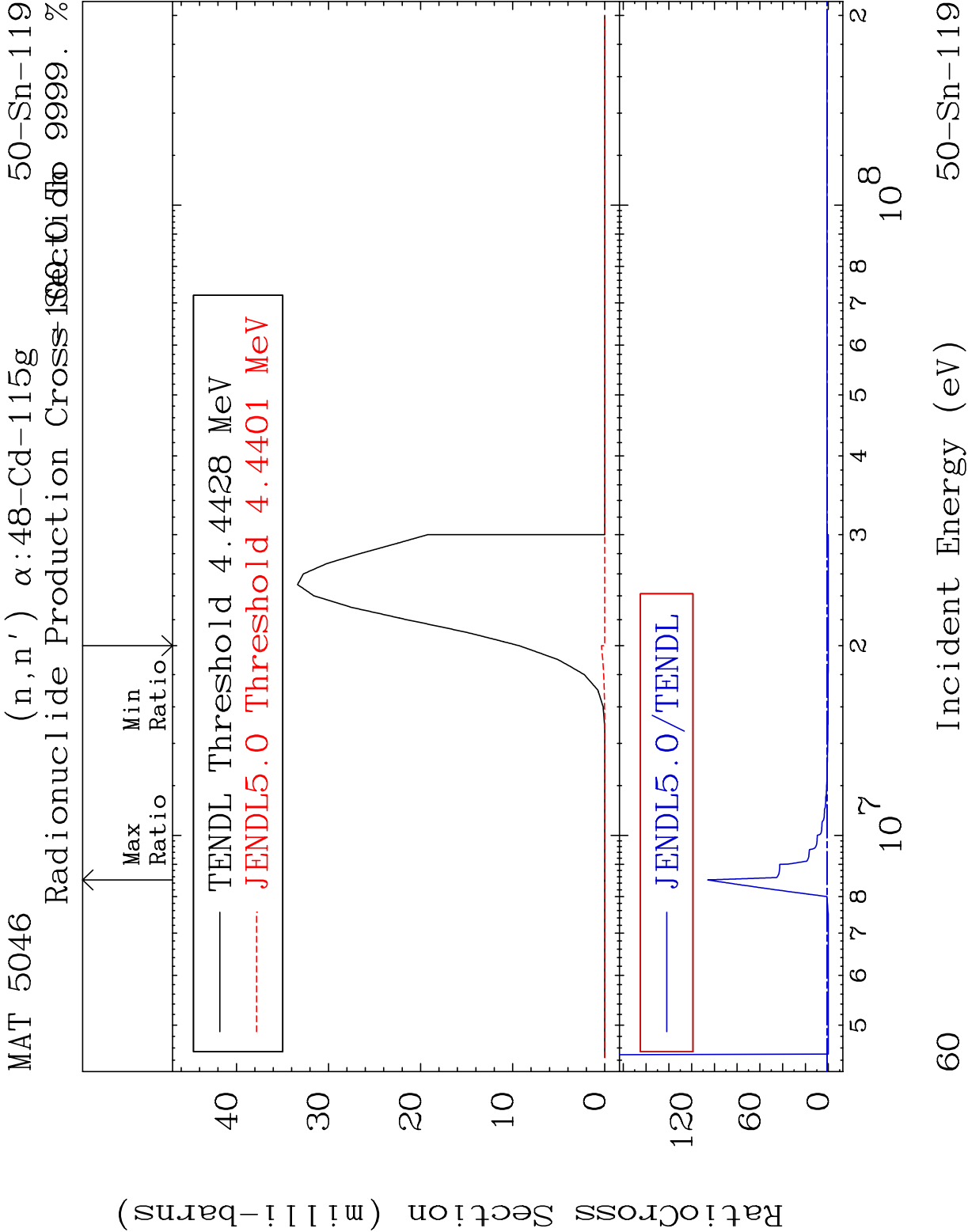


56 Incident Energy (eV) 50-Sn-119









Radionuclide Production Cross Section (mb)

