

Program Complot
(Version 2021-1)

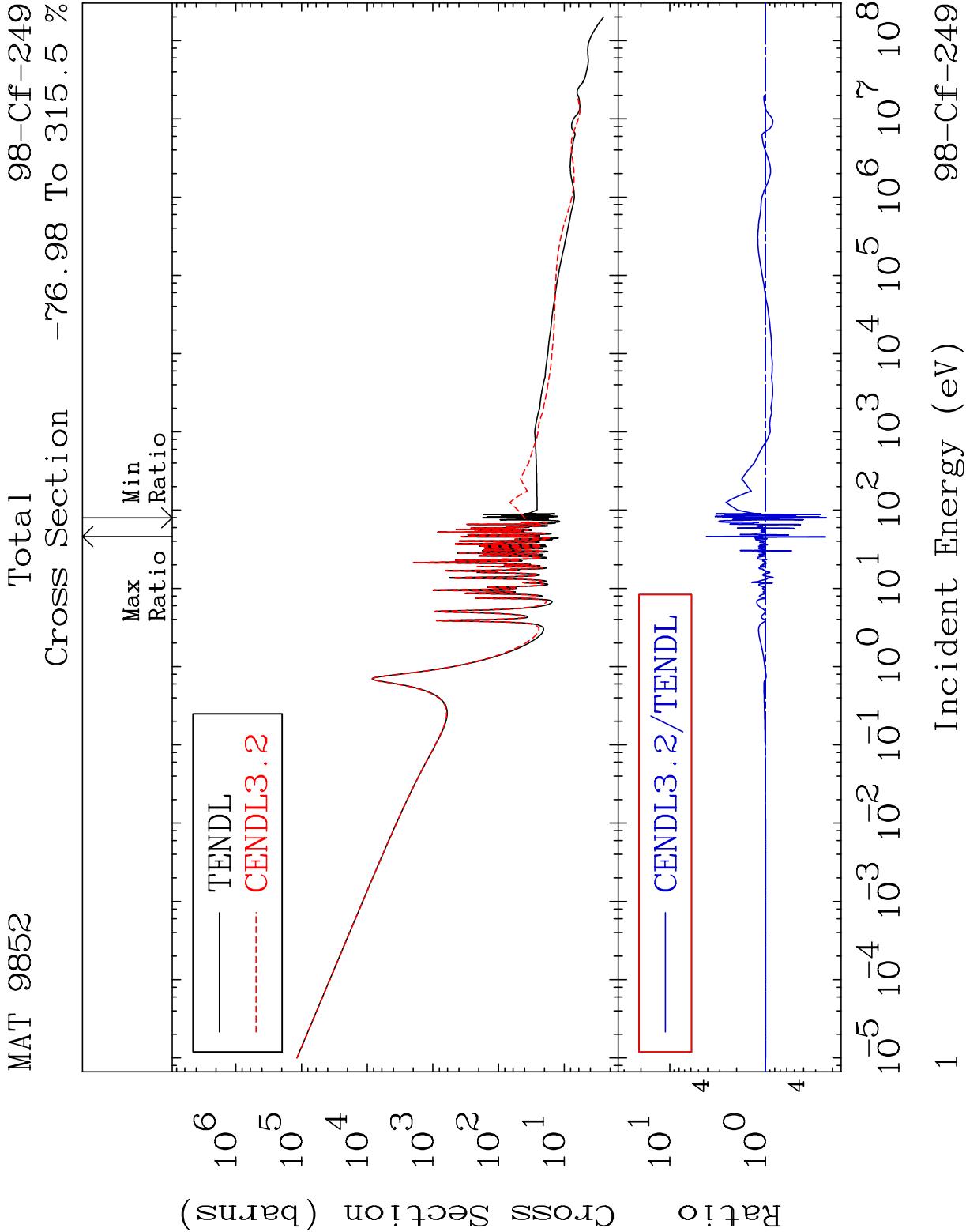
by

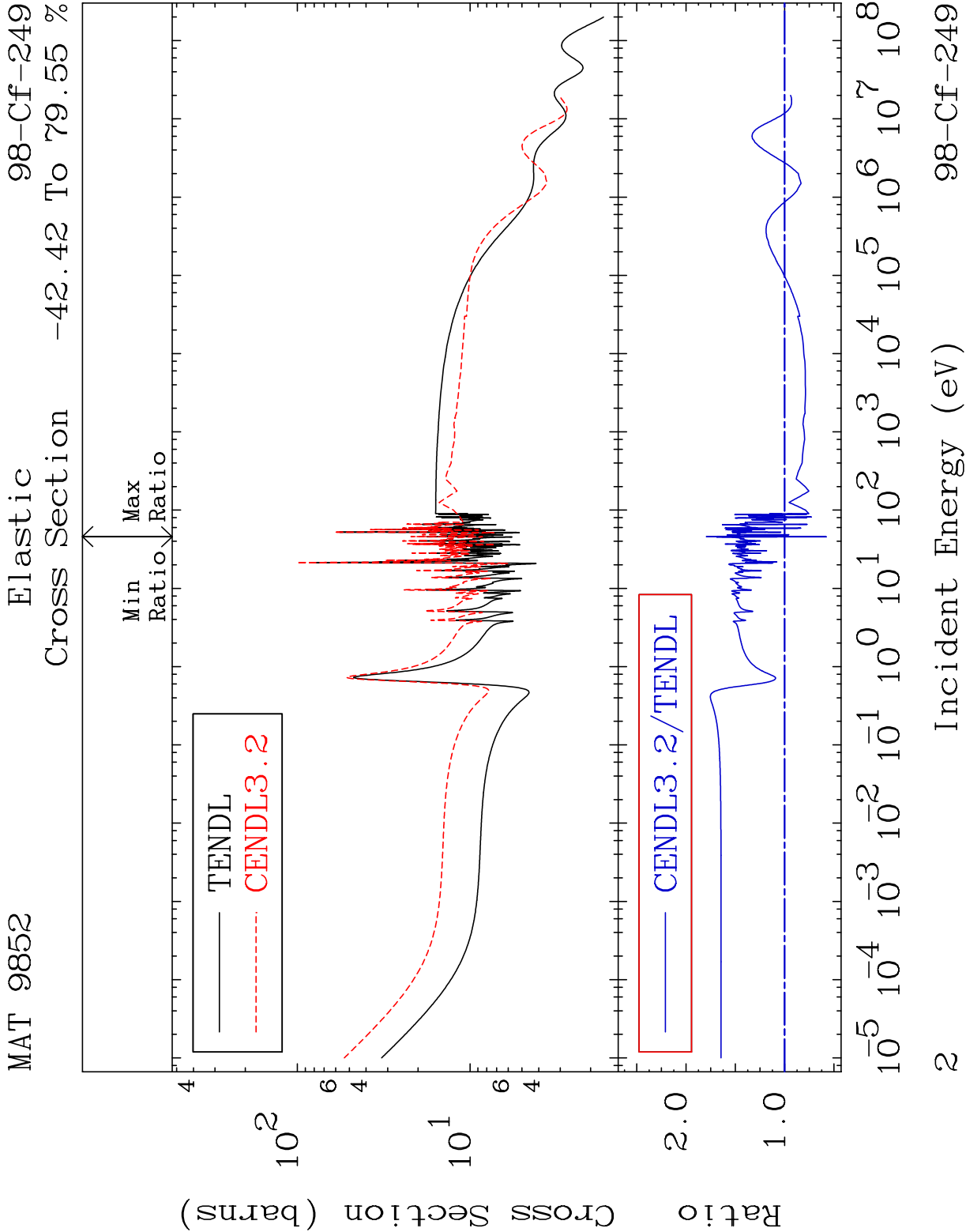
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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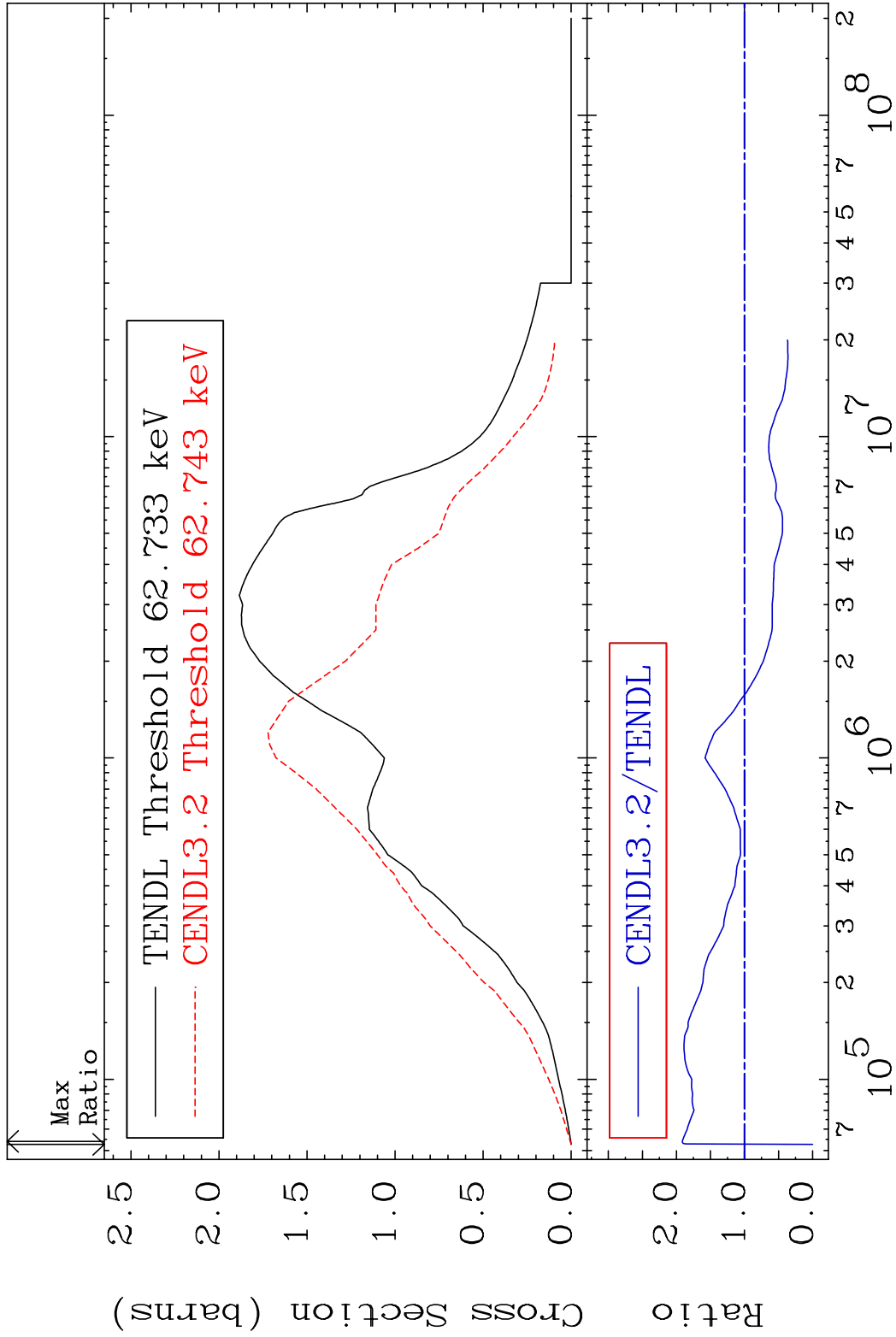
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

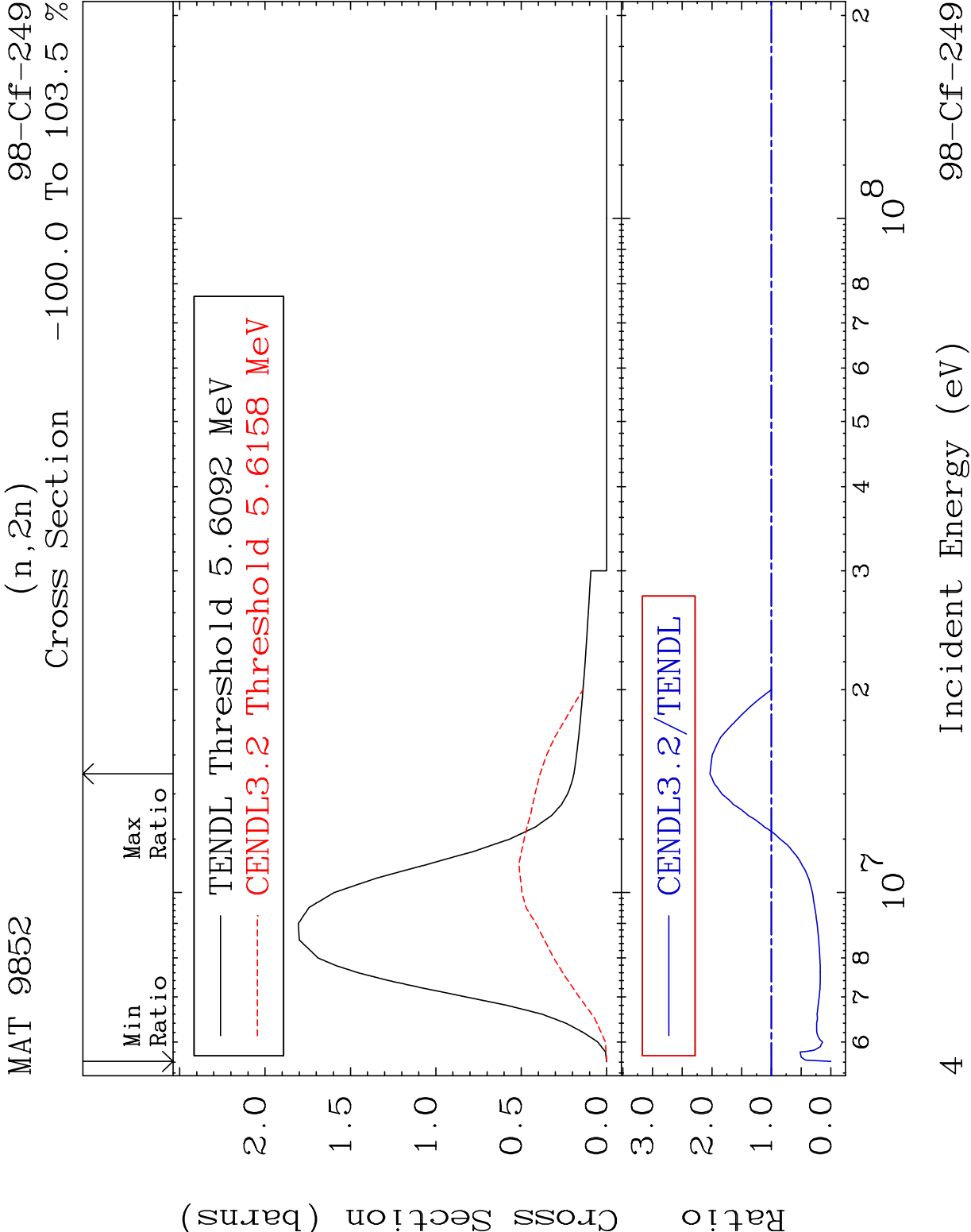


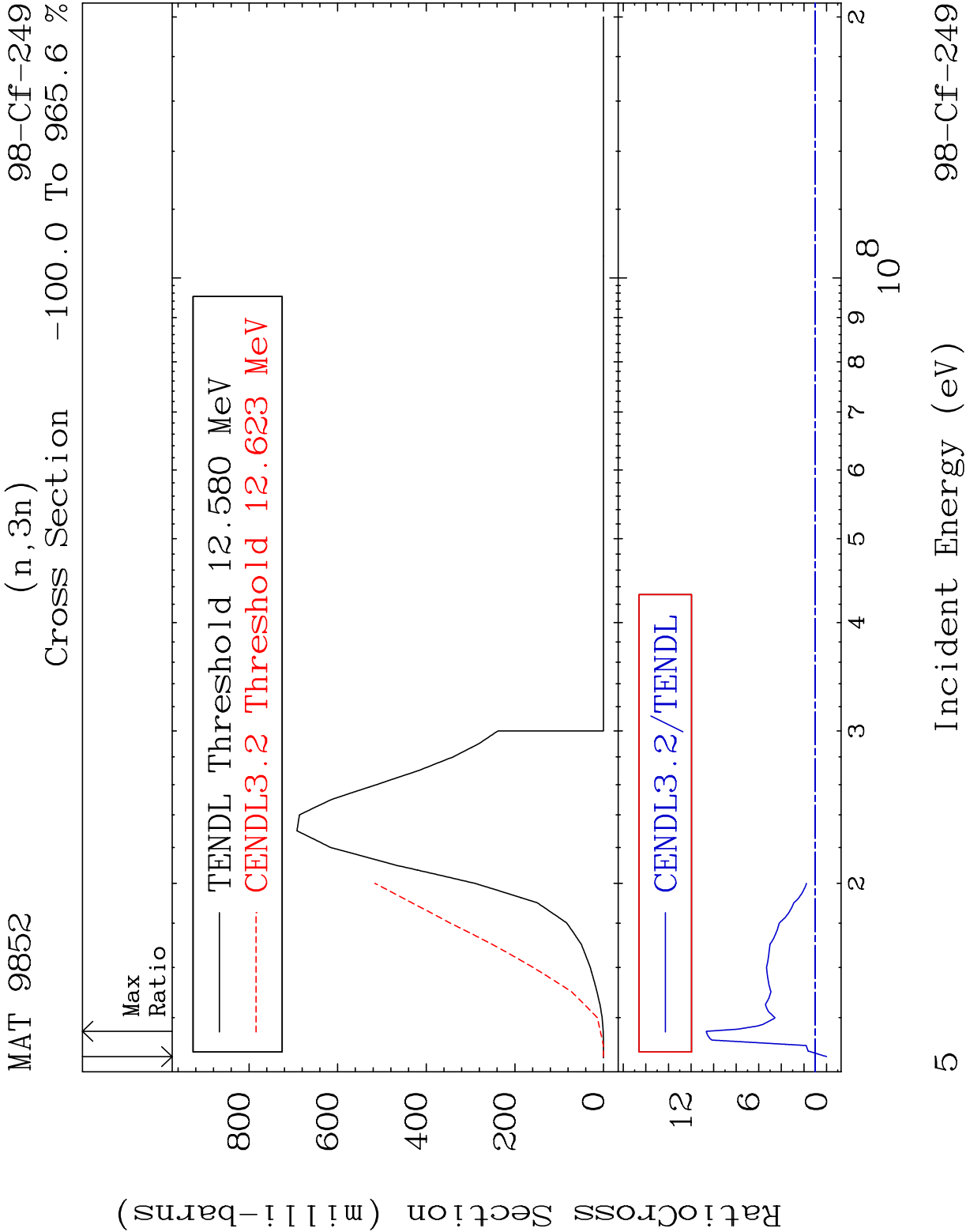


MAT 9852 Inelastic 98-Cf-249
Cross Section -100.0 To 91.30 %



3 Incident Energy (eV) 98-Cf-249



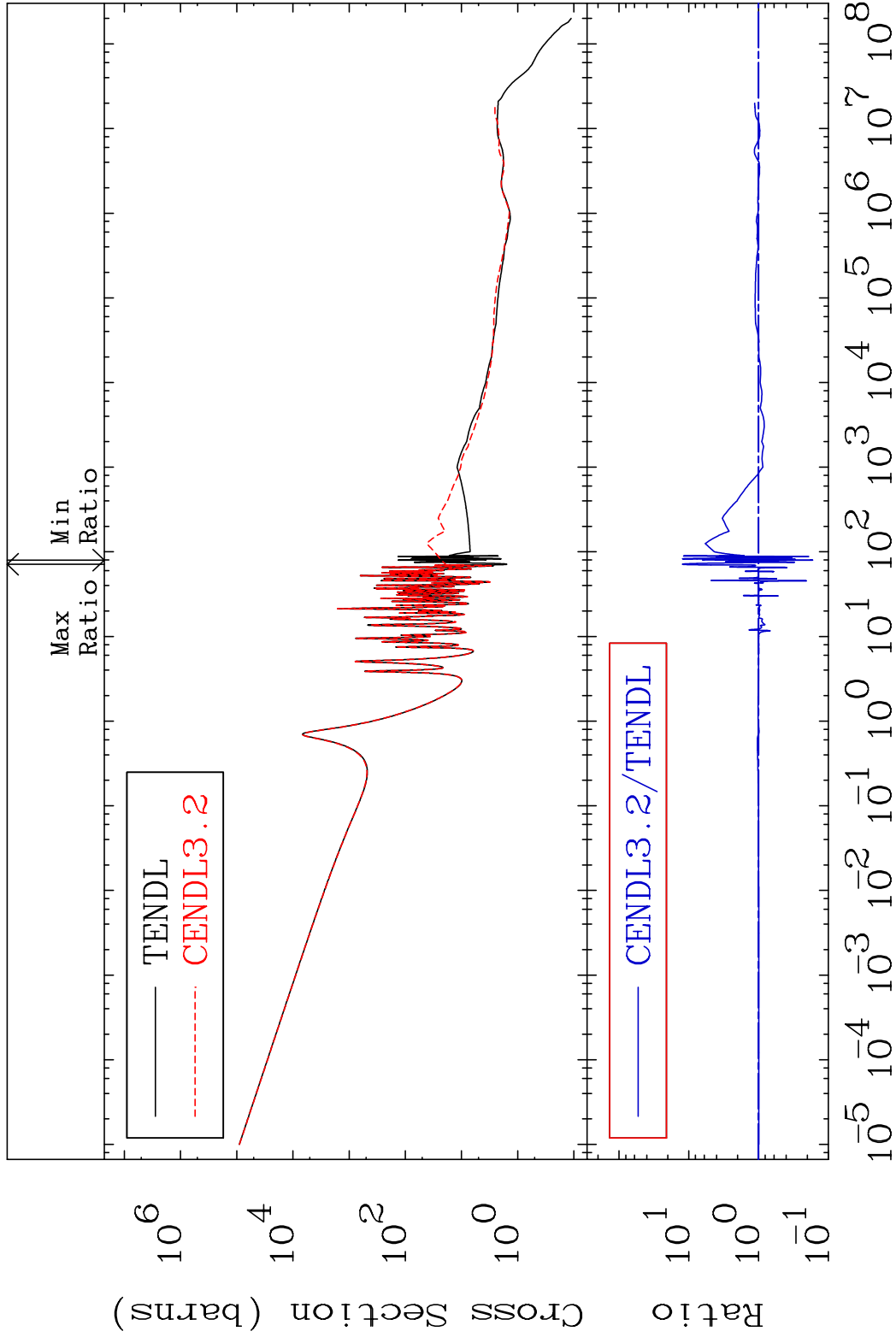


MAT 9852

Fission

98-Cf-249

Cross Section -83.21 To 1135. %

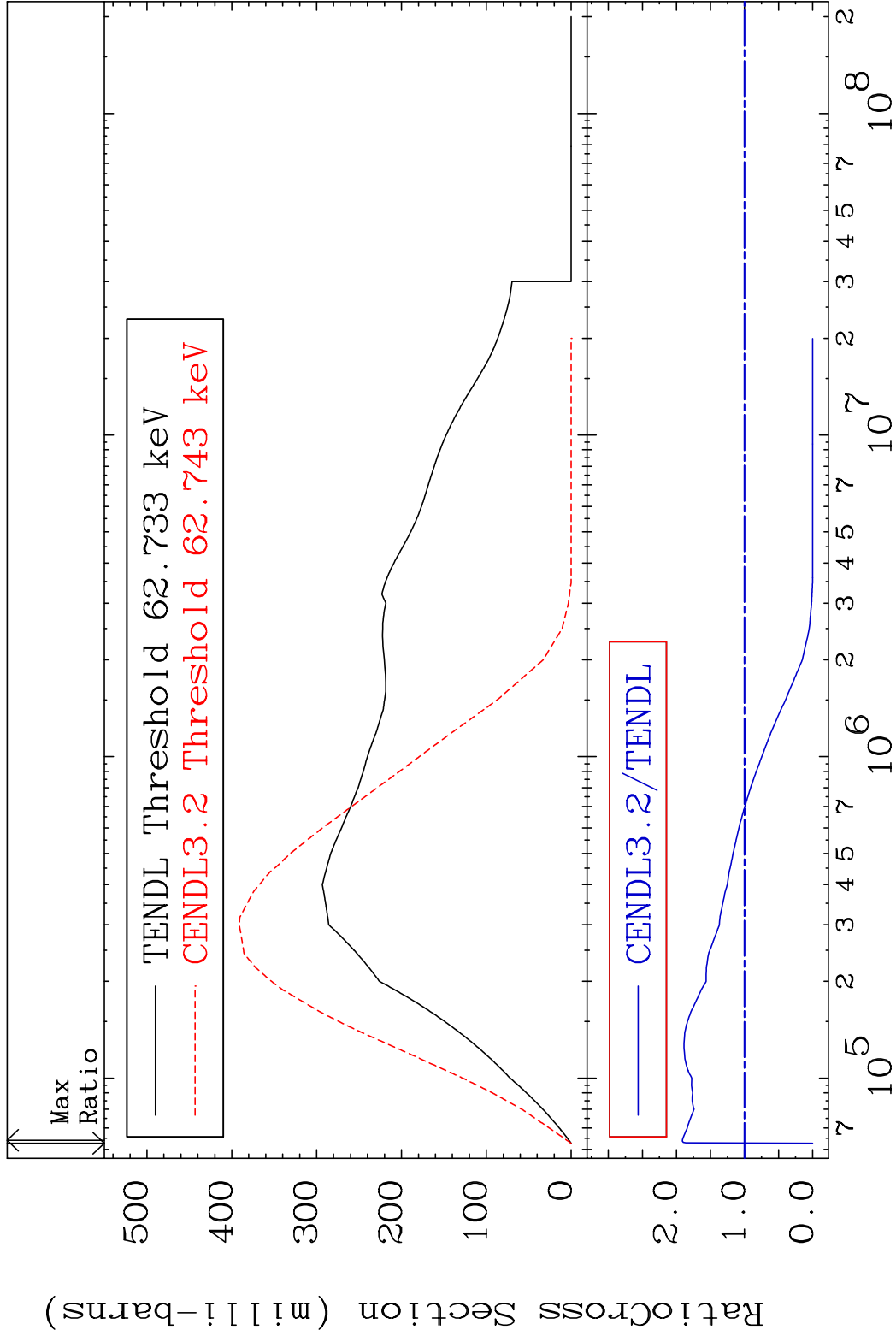


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Incident Energy (eV)

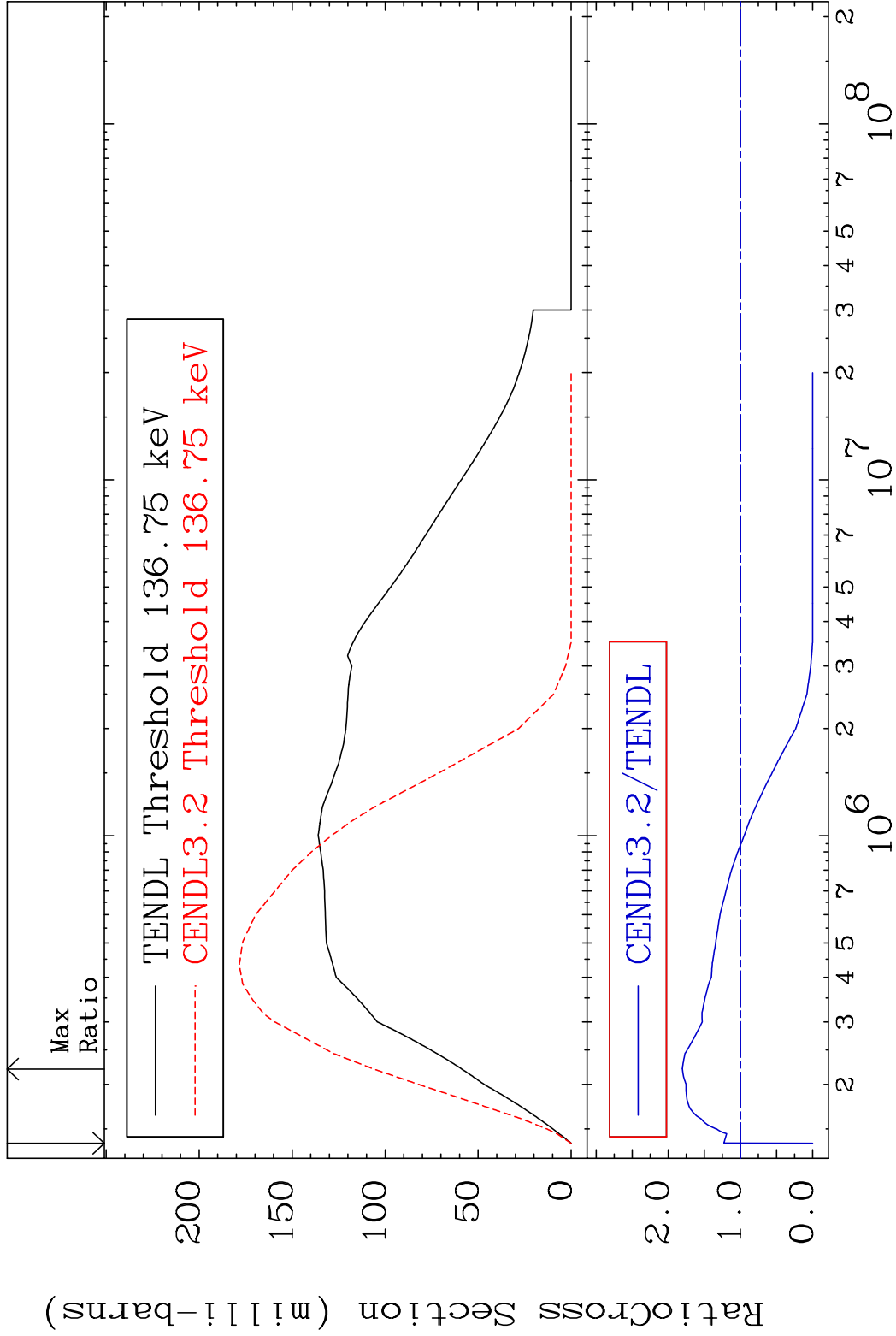
98-Cf-249

MAT 9852 MT= 51 (n,n') Level 98-Cf-249
Cross Section -100.0 To 91.30 %



98-Cf-249

MAT 9852 MT= 52 (n,n') Level 98-Cf-249
Cross Section -100.0 To 80.45 %



MAT 9852

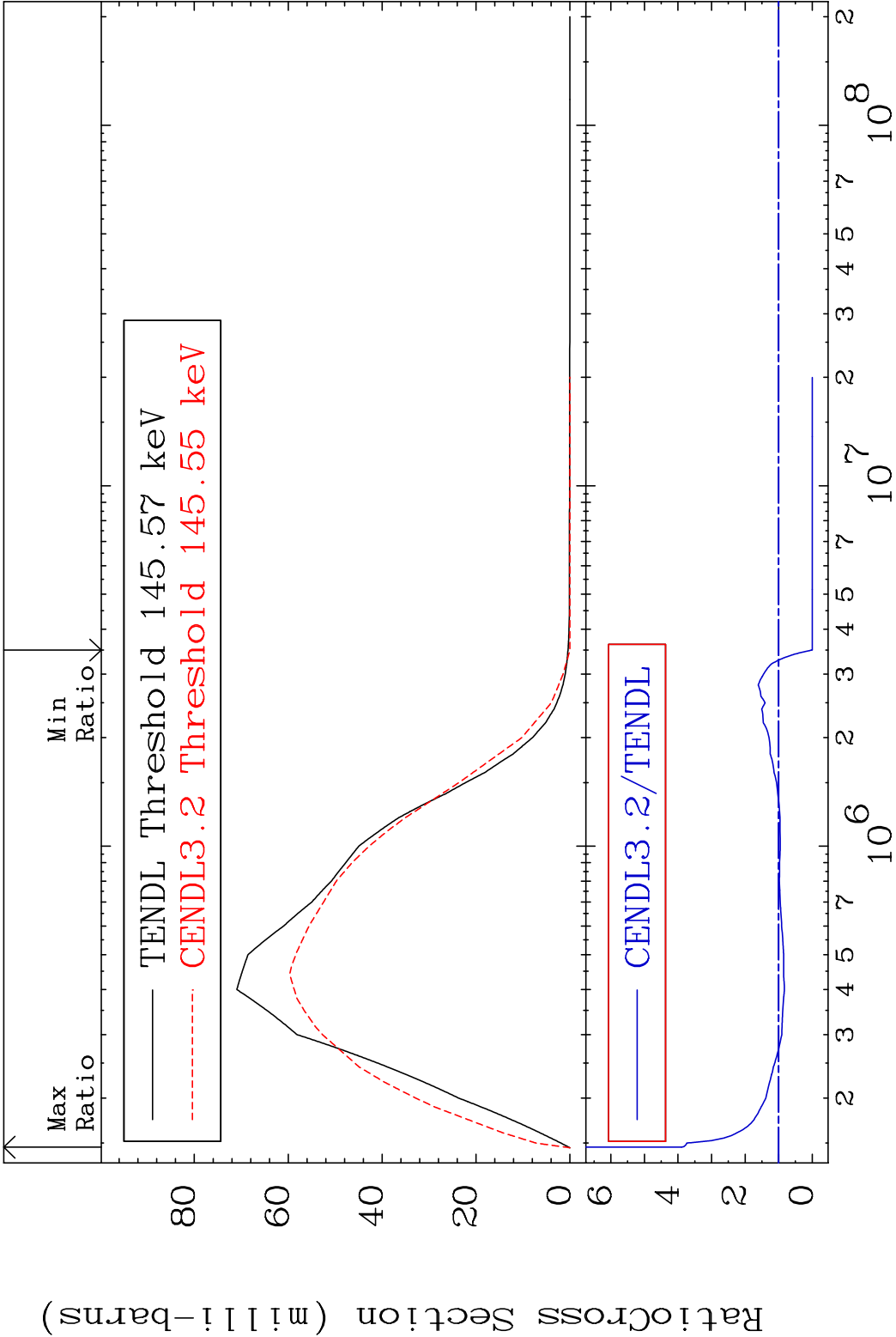
MT= 53 (n,n')

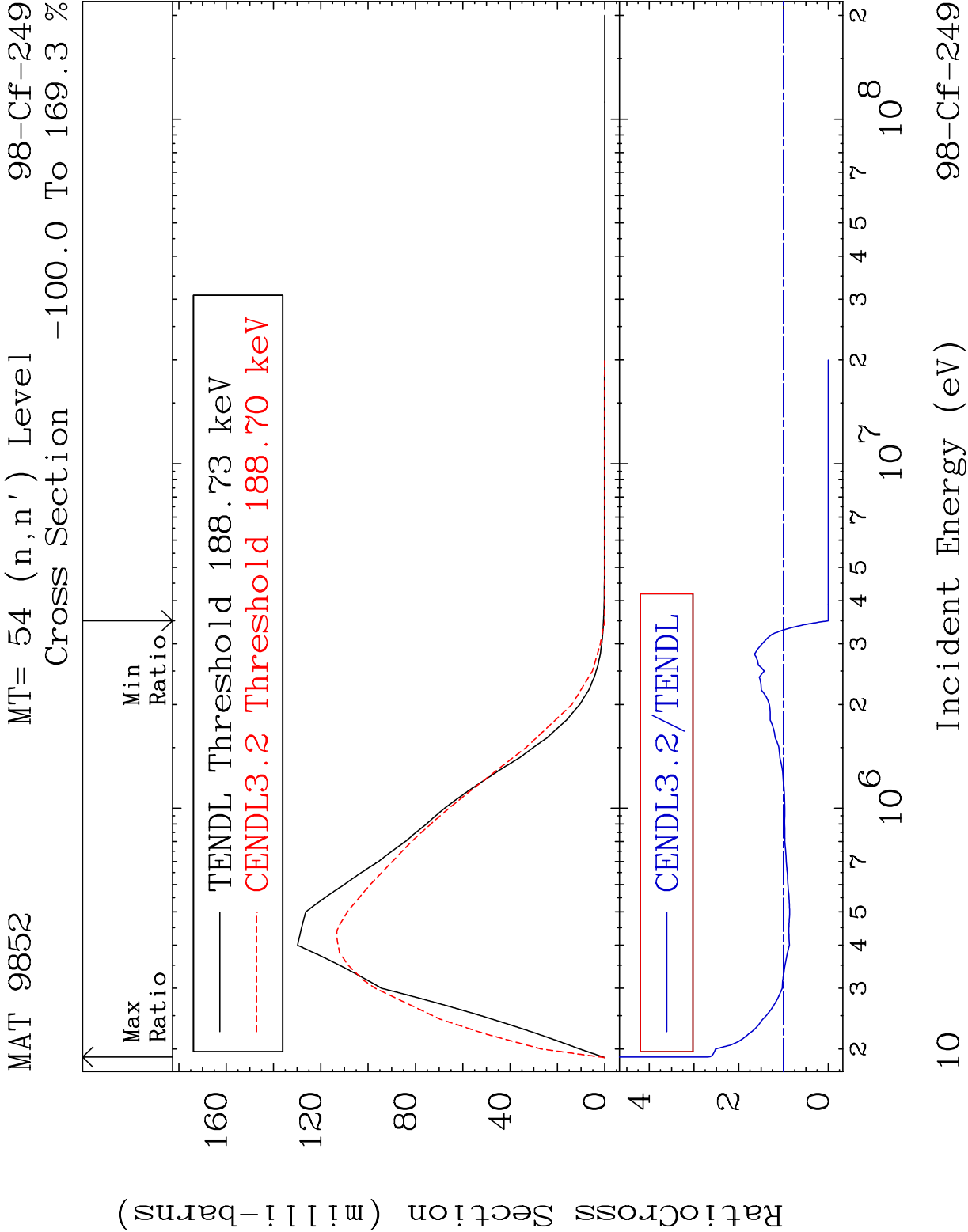
Level

98-Cf-249

Cross Section

-100.0 To 289.4 %





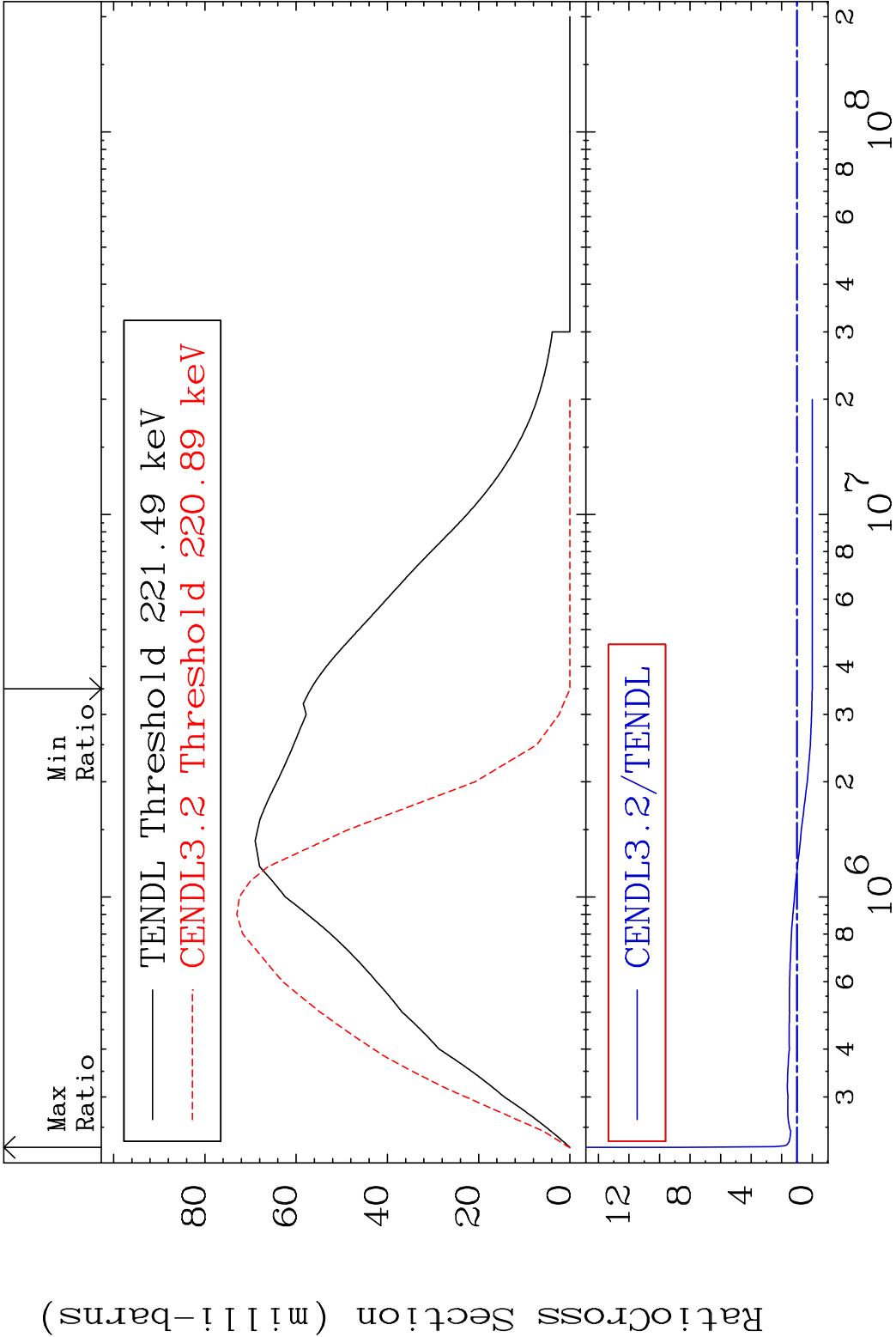
MAT 9852

MT= 55 (n,n') Level

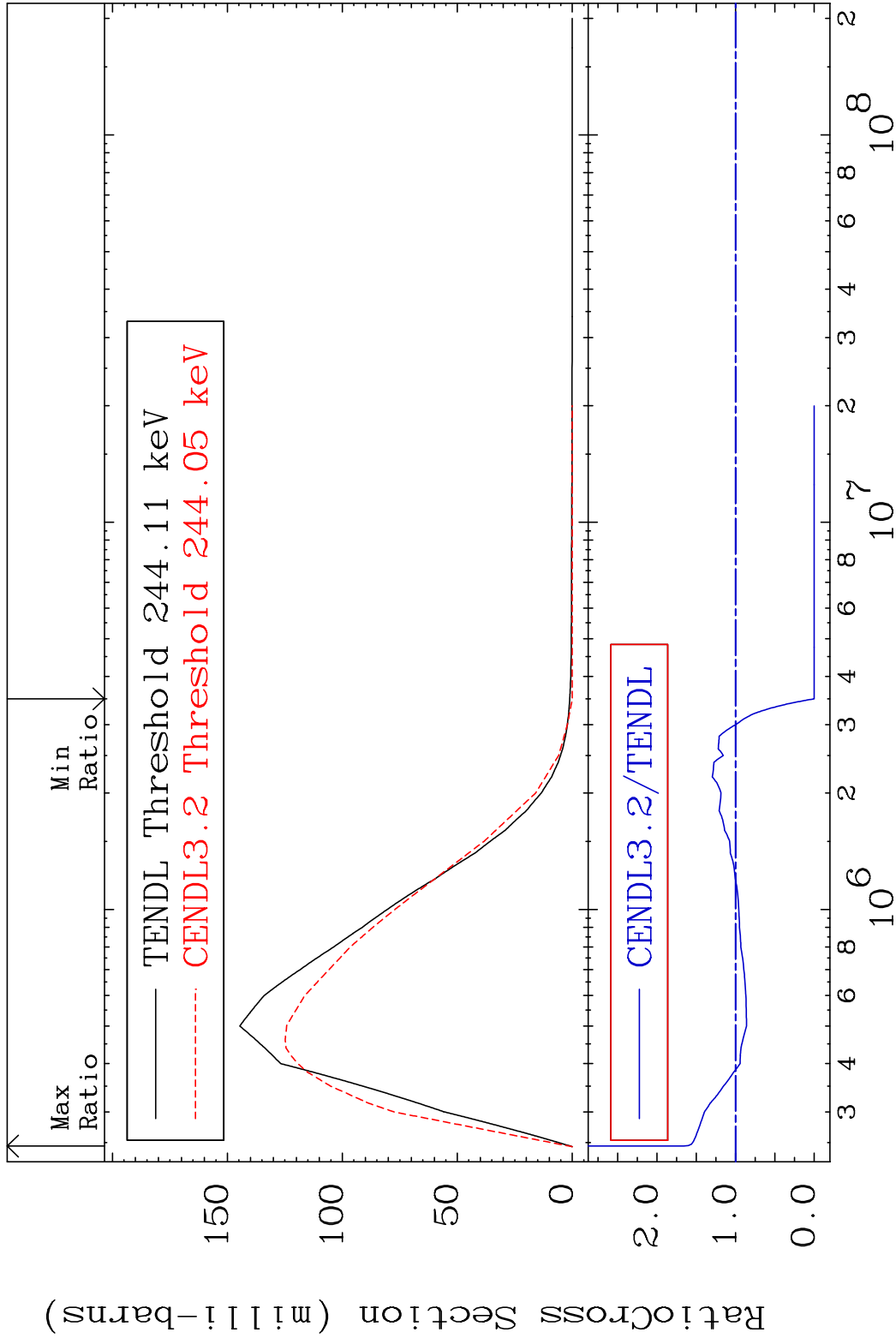
98-Cf-249

Cross Section

-100.0 To 756.0 %

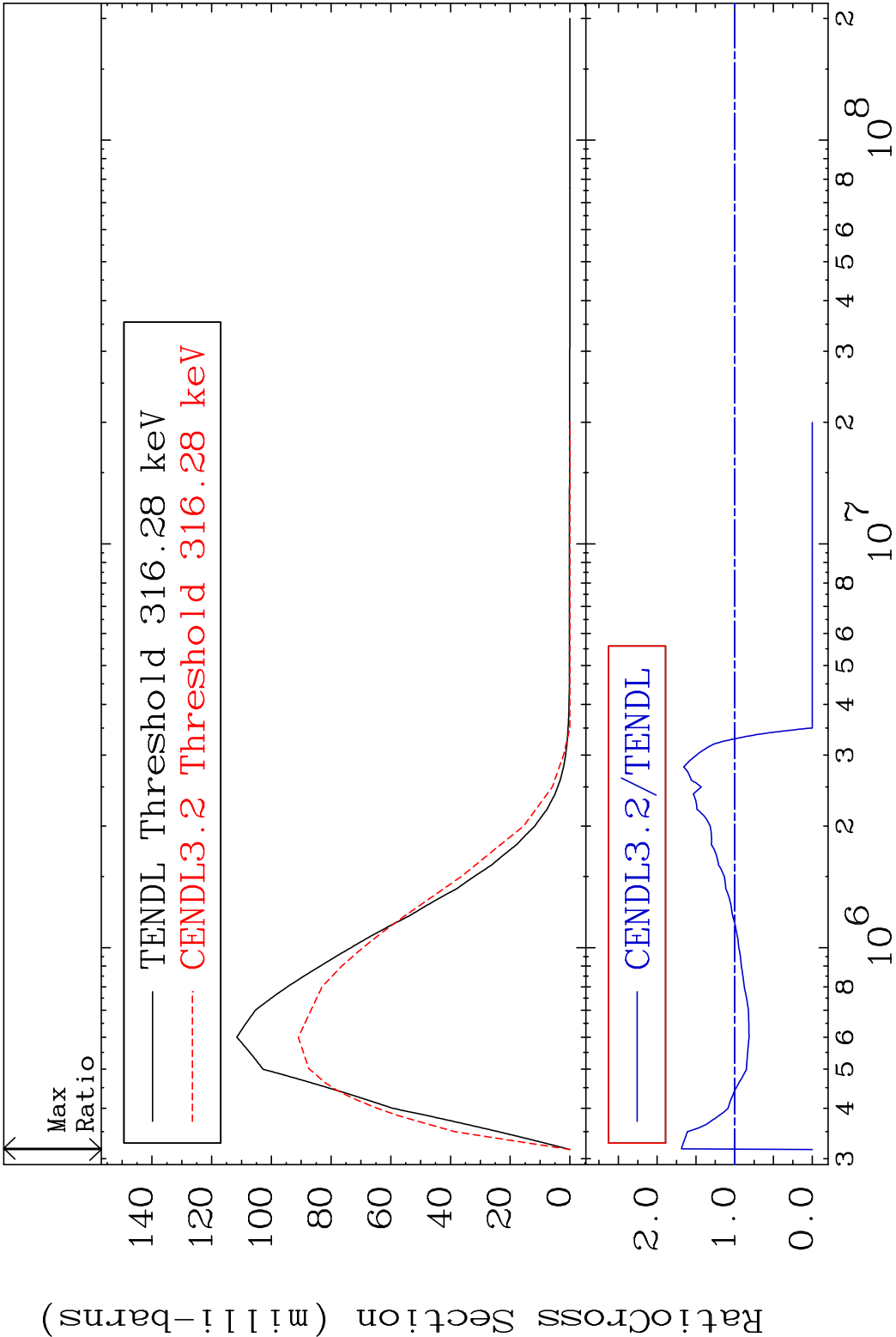


MAT 9852 MT= 56 (n,n') Level 98-Cf-249
Cross Section -100.0 To 65.93 %

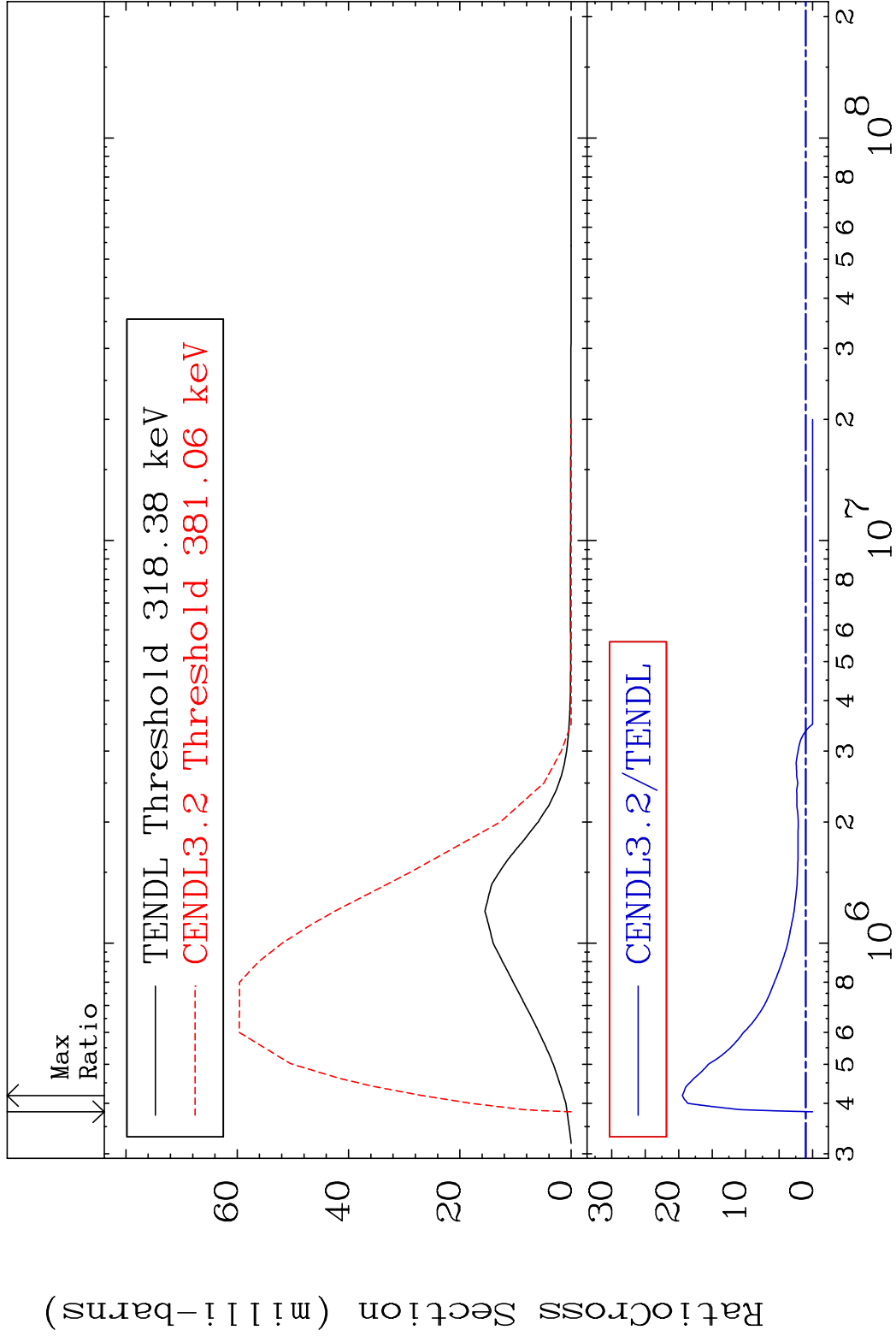


12 Incident Energy (eV) 98-Cf-249

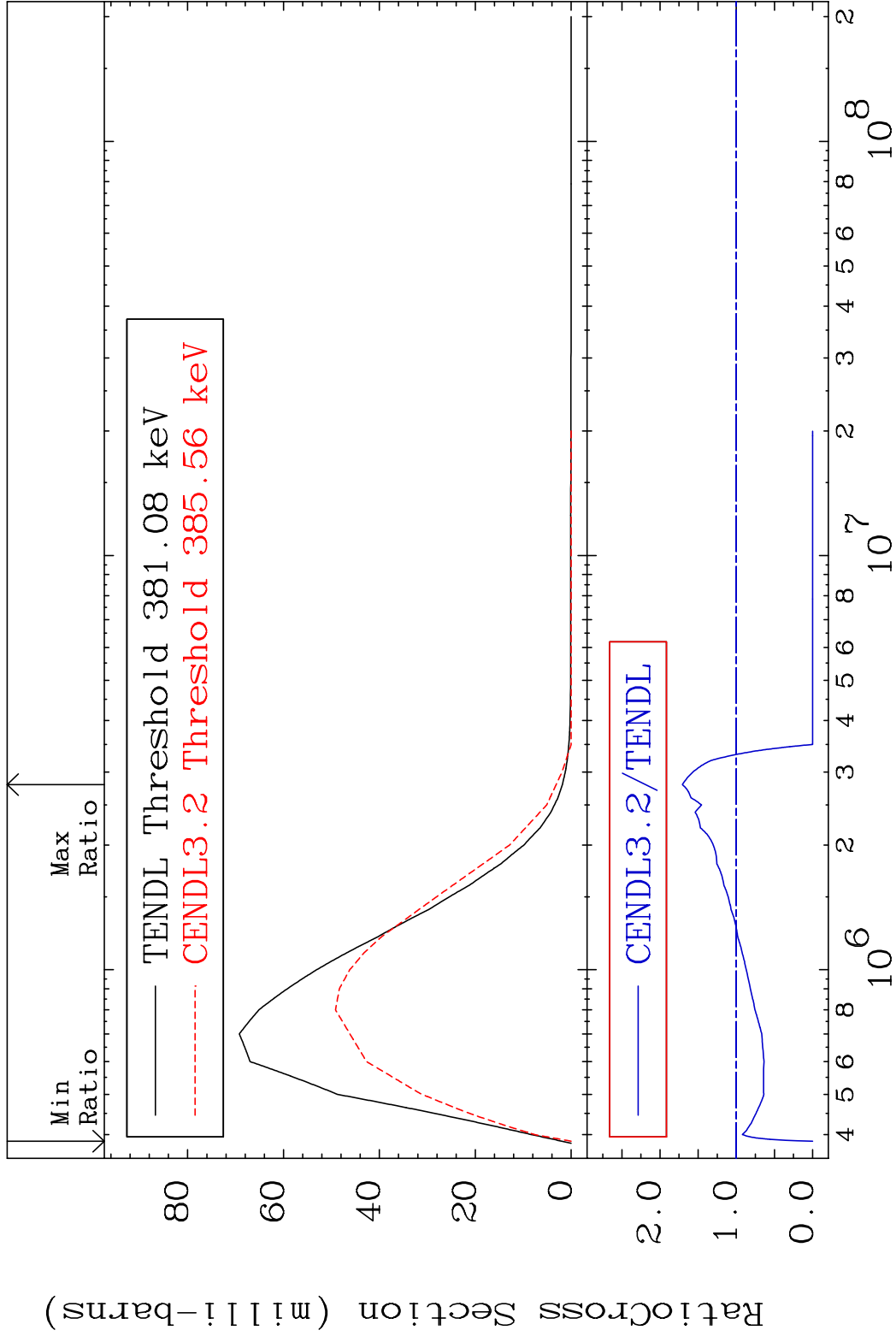
MAT 9852 MT= 57 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 68.57 %



MAT 9852 MT= 58 (n,n') Level 98-Cf-249
Cross Section -100.0 To 1846. %



MAT 9852 MT= 59 (n,n') Level 98-Cf-249
Cross Section -100.0 To 70.70 %



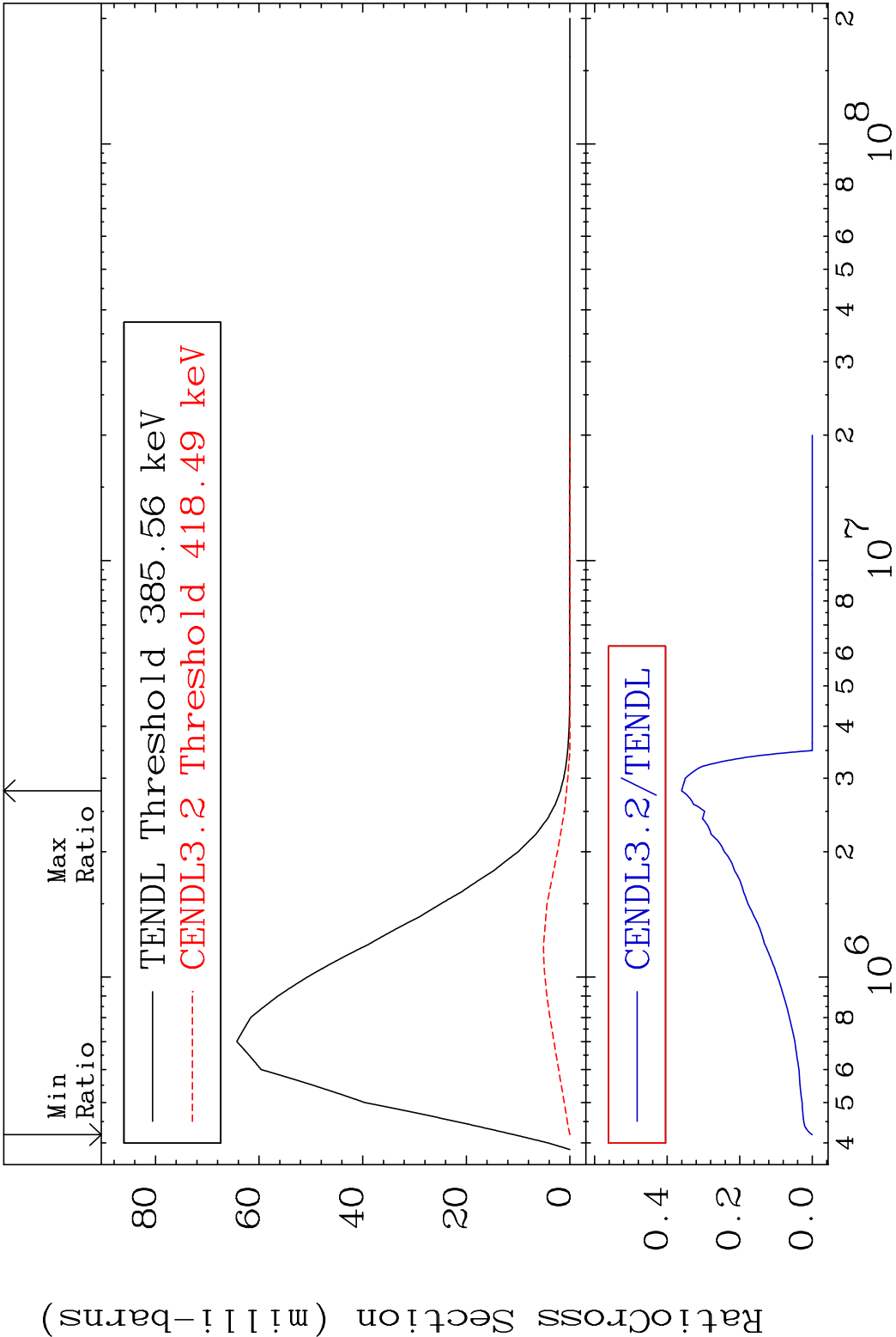
MAT 9852

MT= 60 (n,n') Level

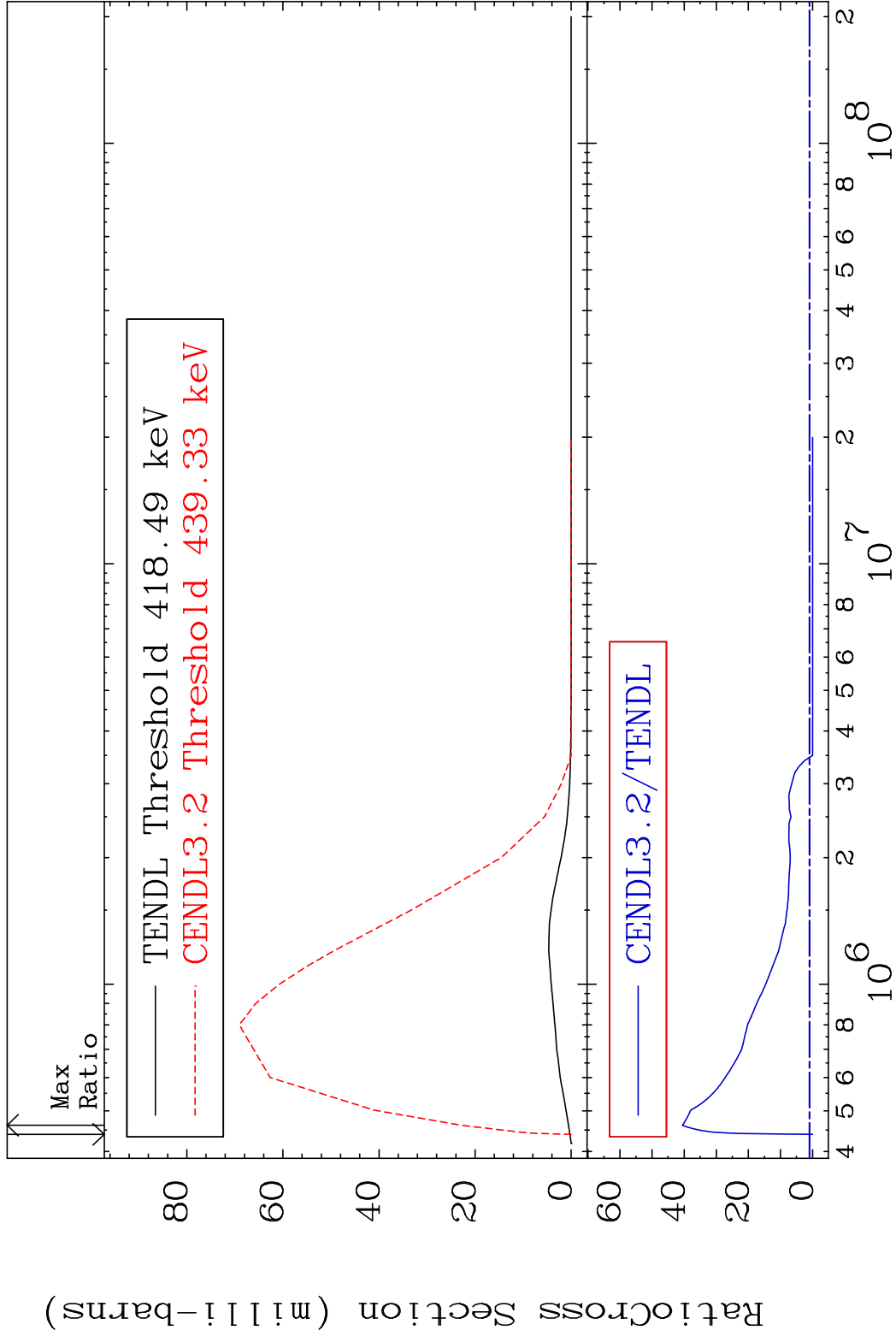
98-Cf-249

Cross Section

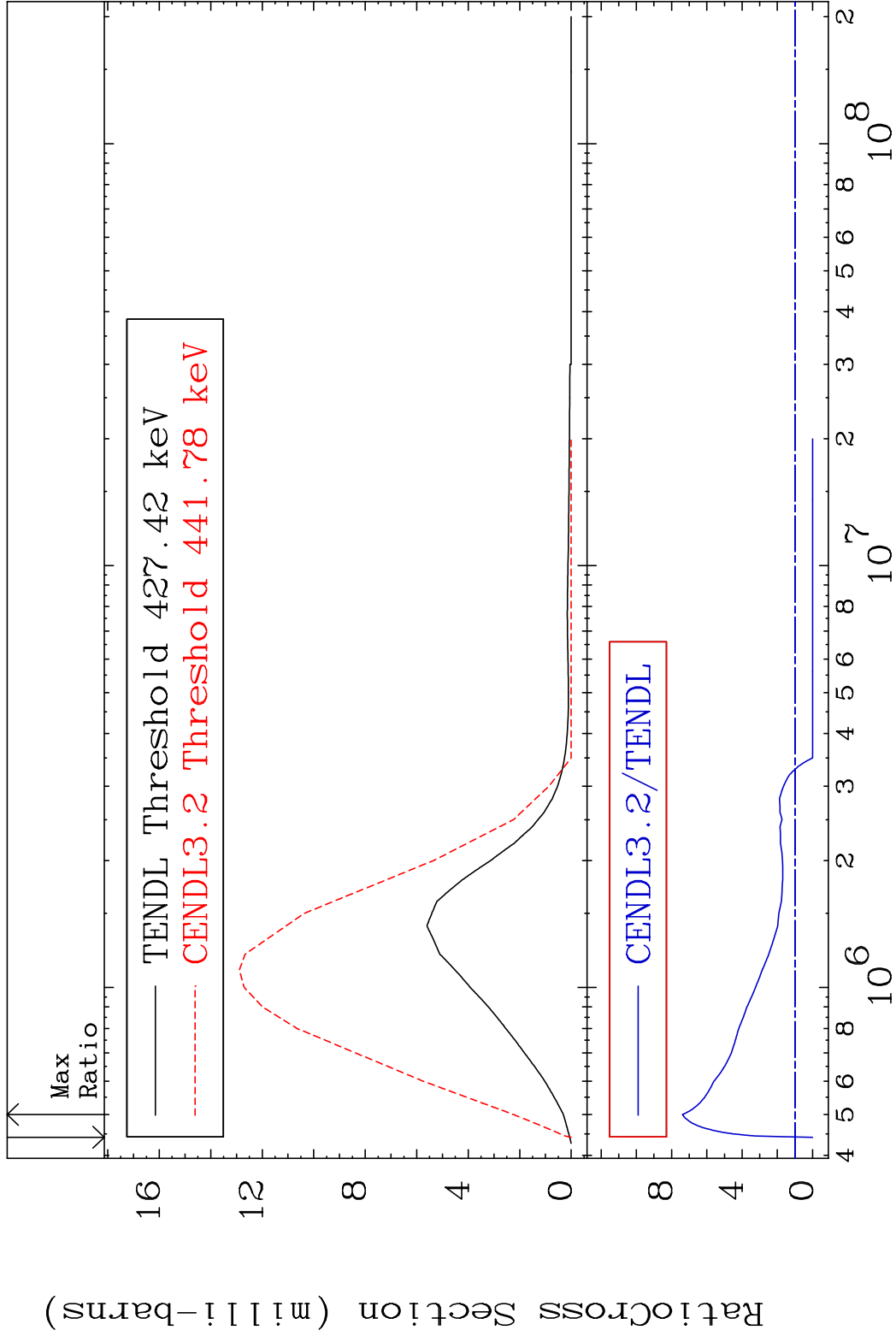
-100.0 To -63.95%



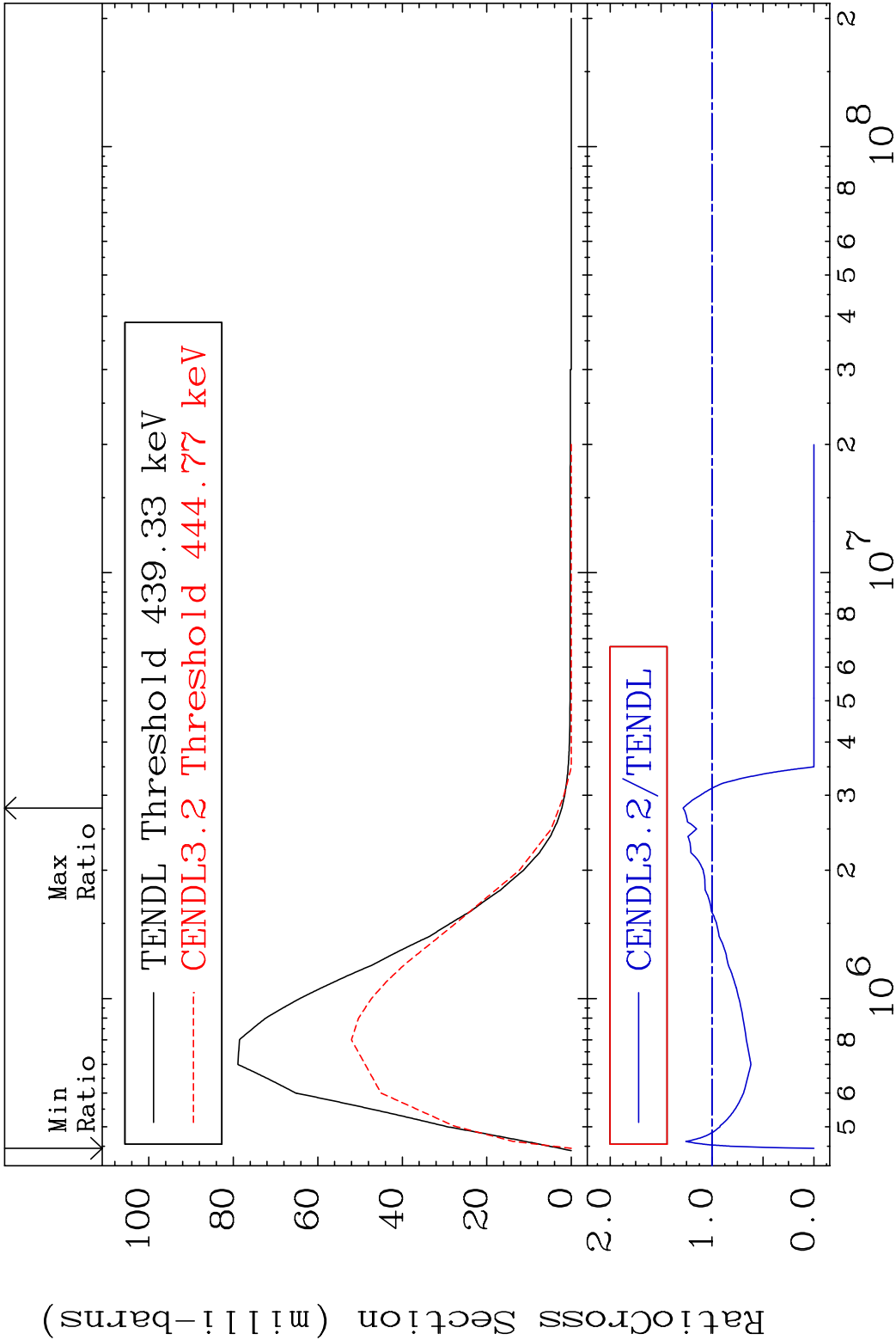
MAT 9852 MT= 61 (n,n') Level 98-Cf-249
Cross Section -100.0 To 3956. %



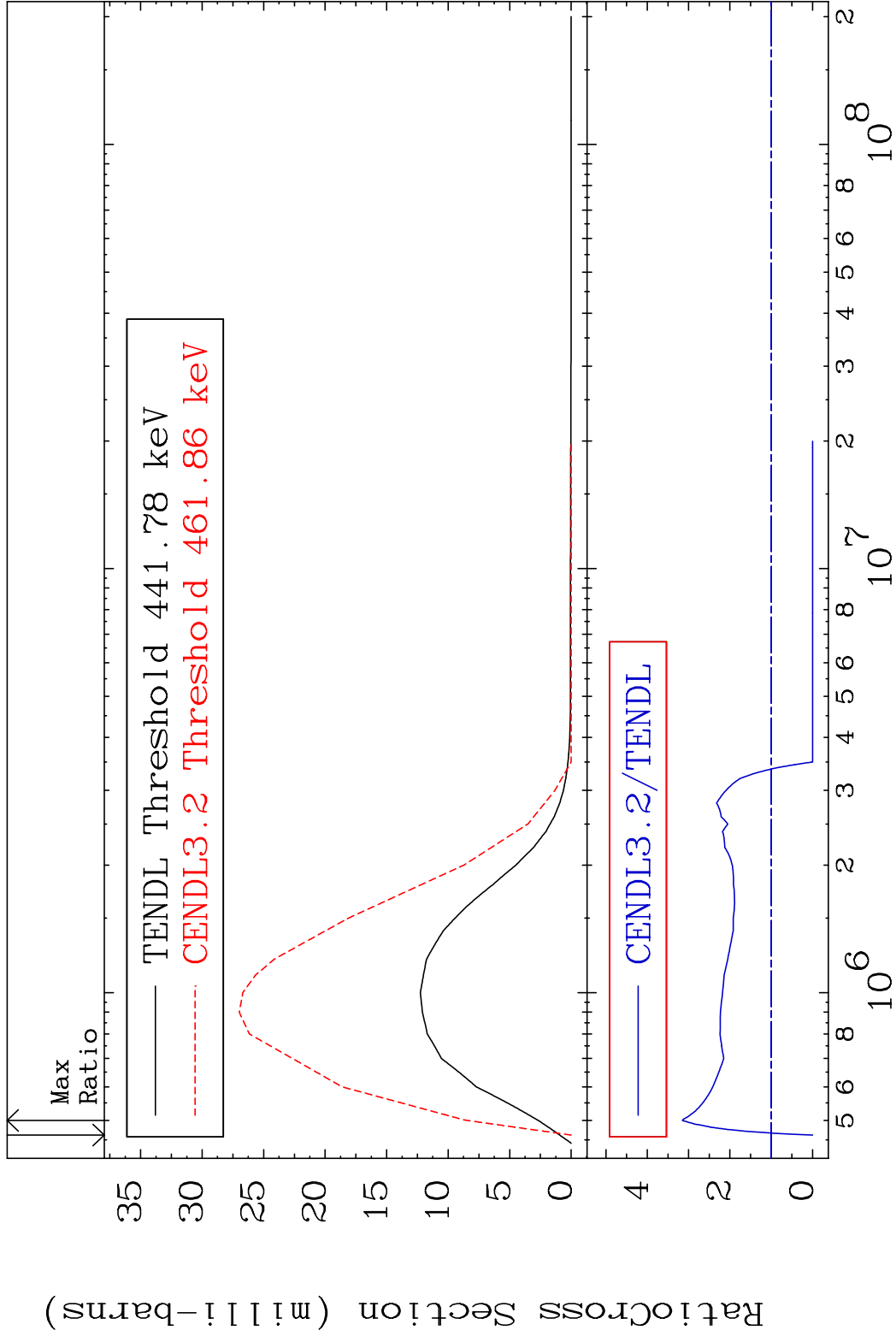
MAT 9852 MT= 62 (n,n') Level 98-Cf-249
Cross Section -100.0 To 639.0 %



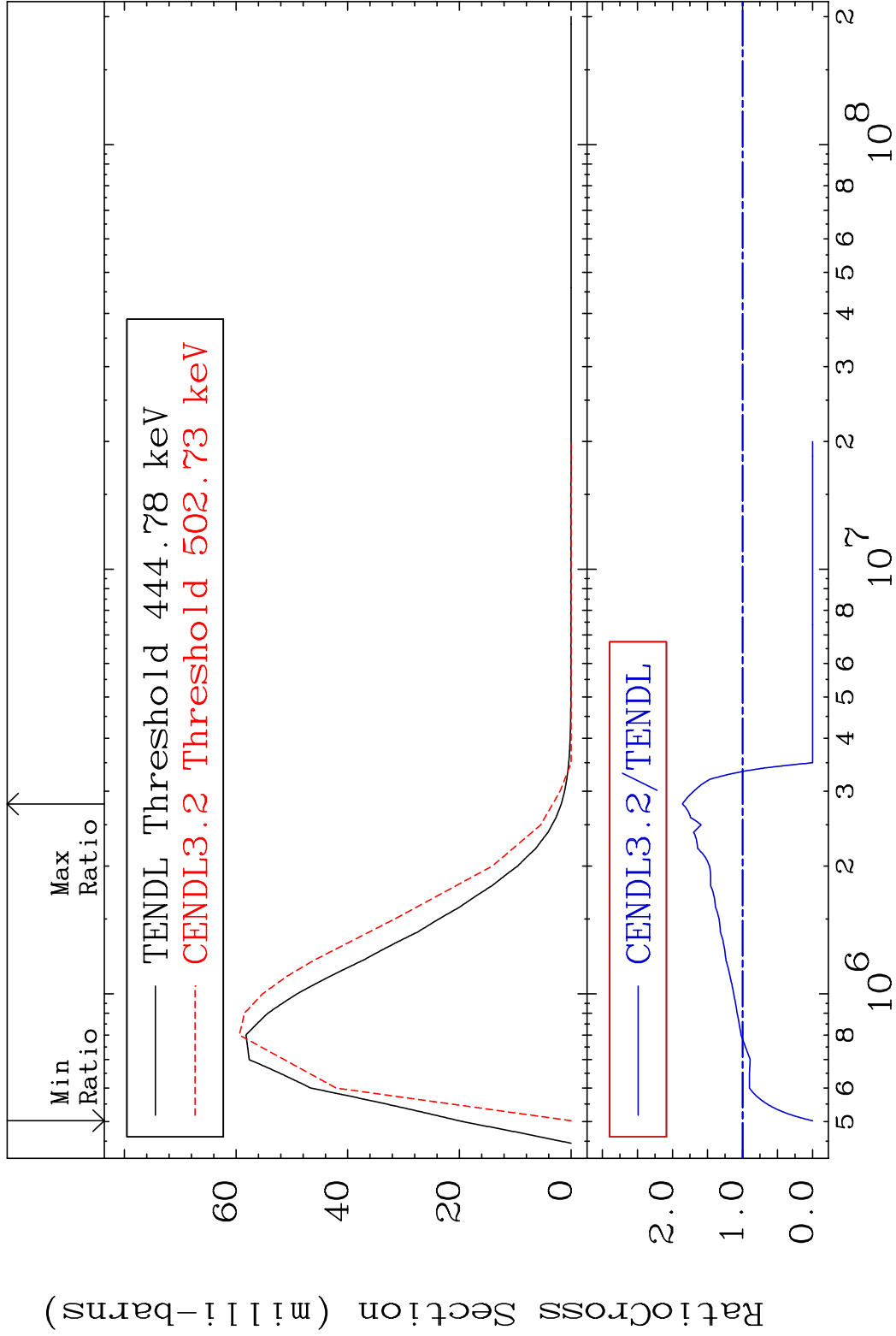
MAT 9852 MT= 63 (n,n') Level 98-Cf-249
Cross Section -100.0 To 28.46 %

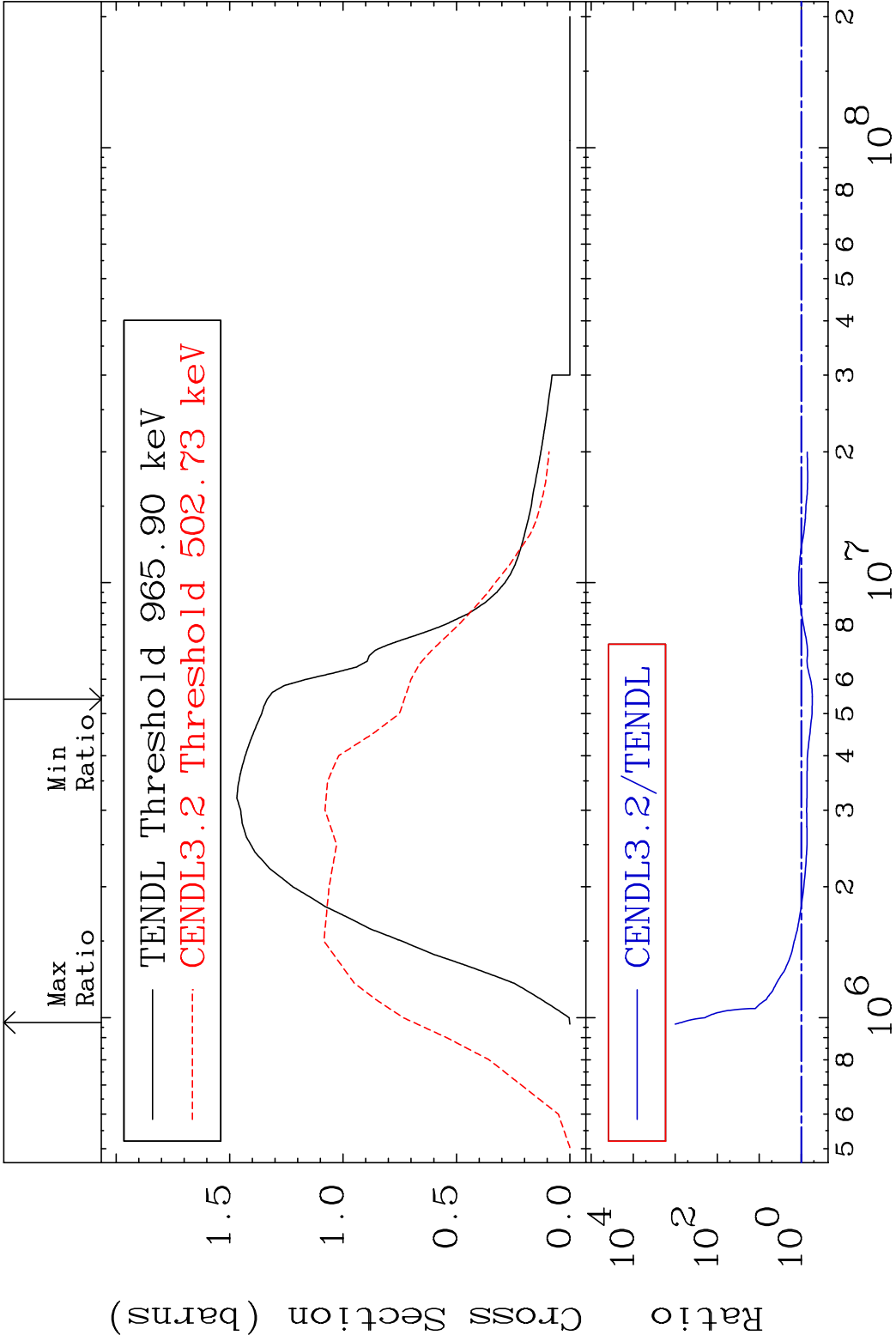


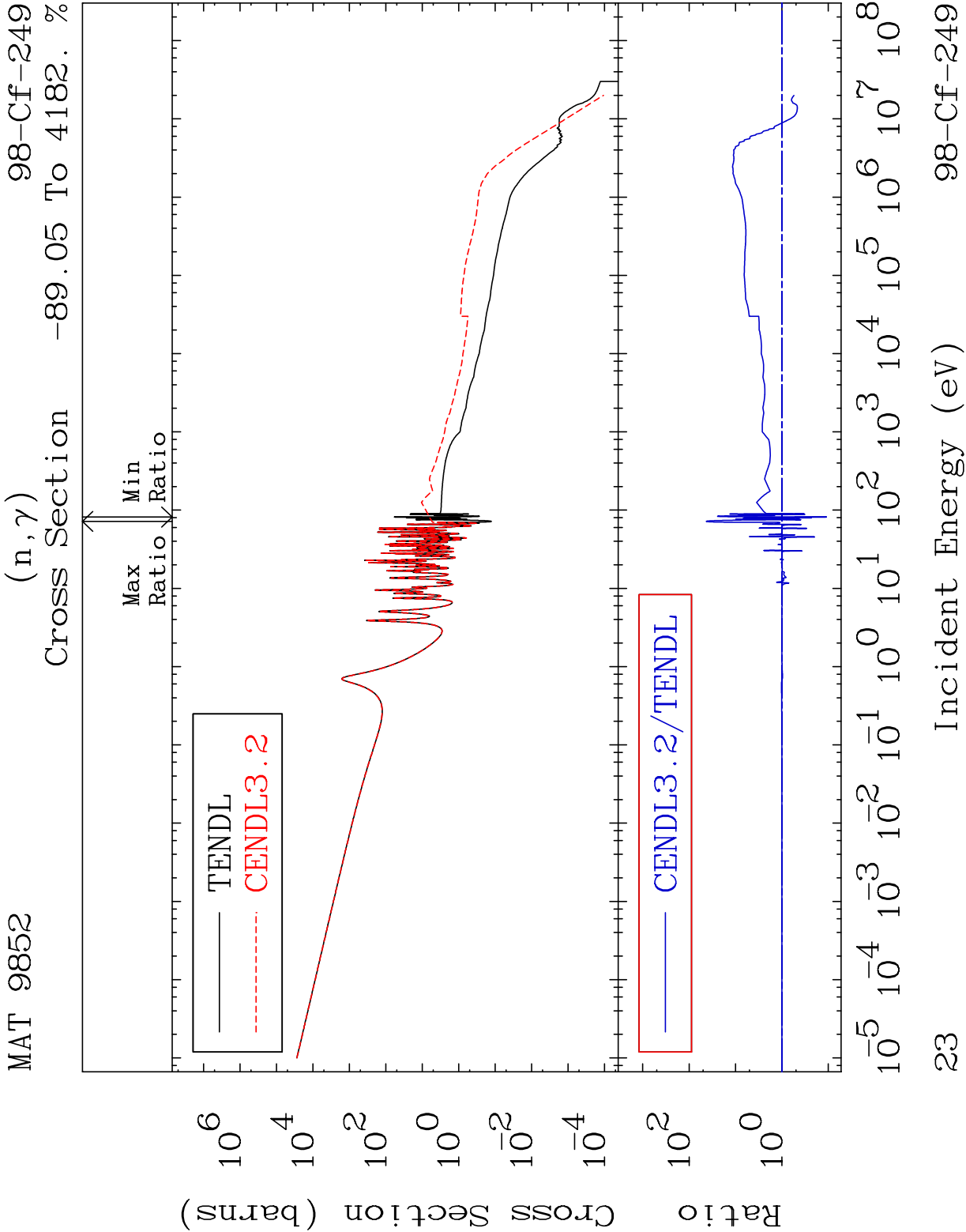
MAT 9852 MT= 64 (n,n') Level 98-Cf-249
Cross Section -100.0 To 215.1 %



MAT 9852 MT= 65 (n,n') Level 98-Cf-249
Cross Section -100.0 To 85.90 %





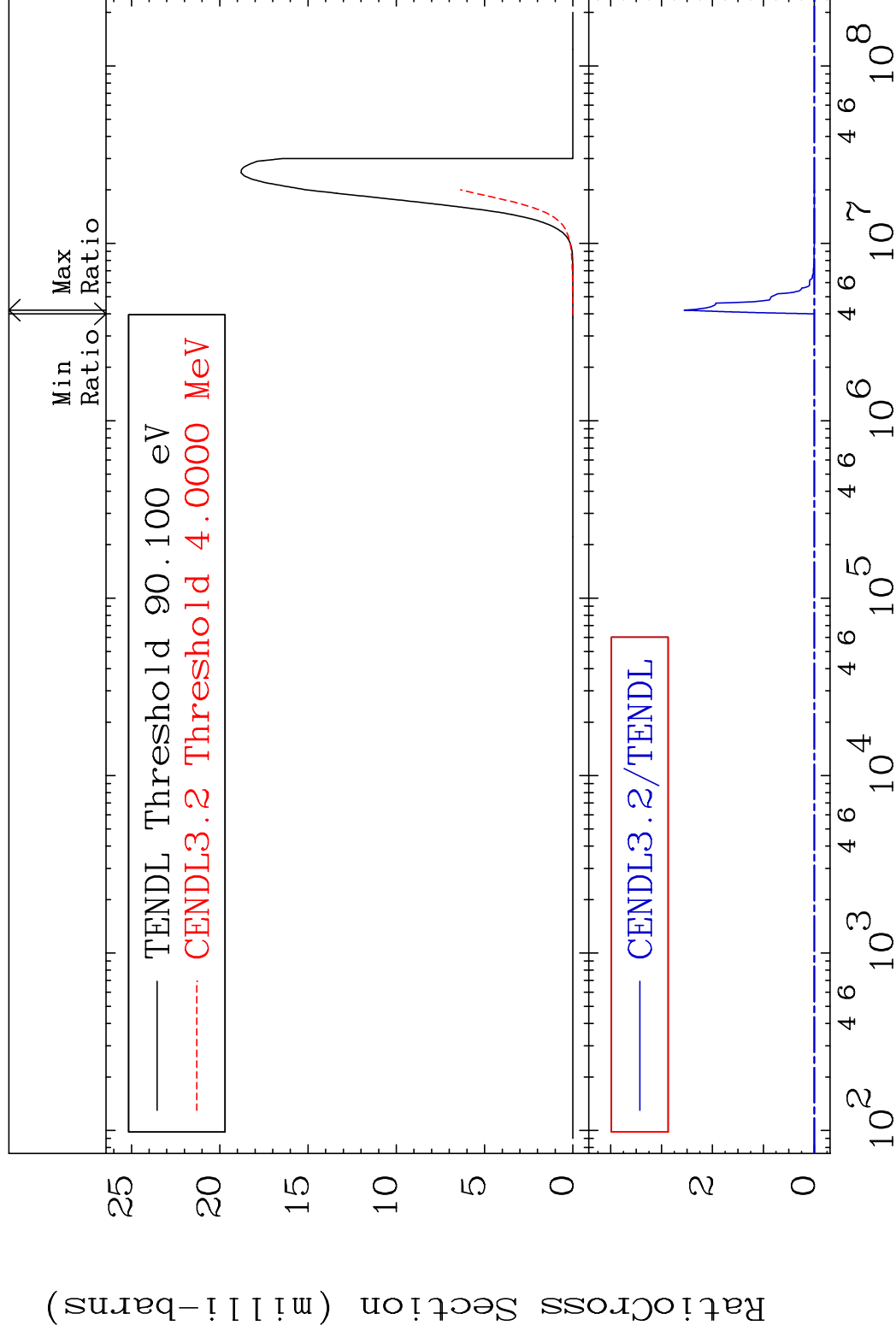


MAT 9852

$$(n, p)$$

98-CF-249

Cross Section -100.0 To 9999. %



MAT 9852

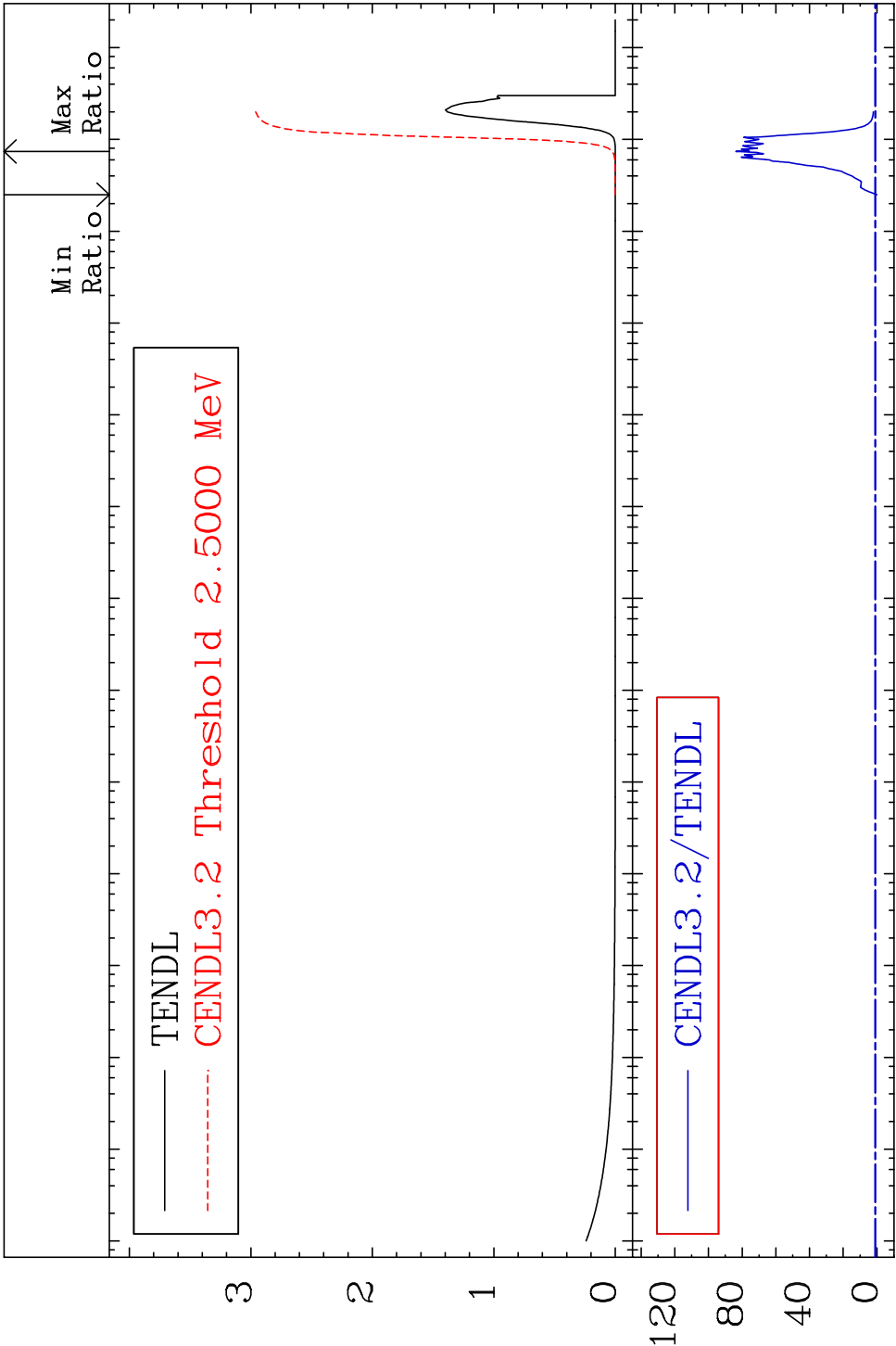
(n, α)

98-Cf-249

Cross Section

-100.0 To 8277. %

RatioCross Section (milli-barns)

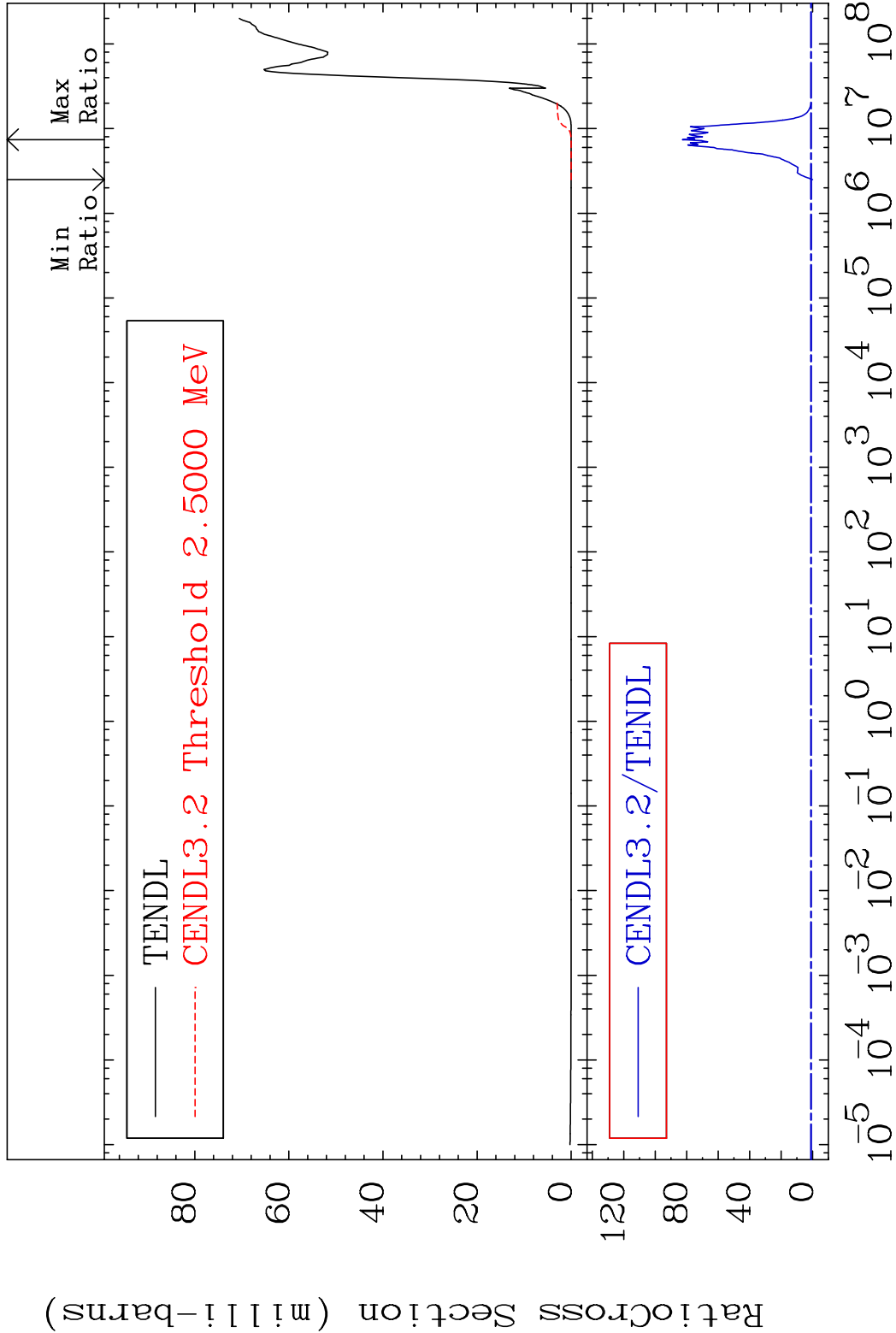


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Incident Energy (eV)

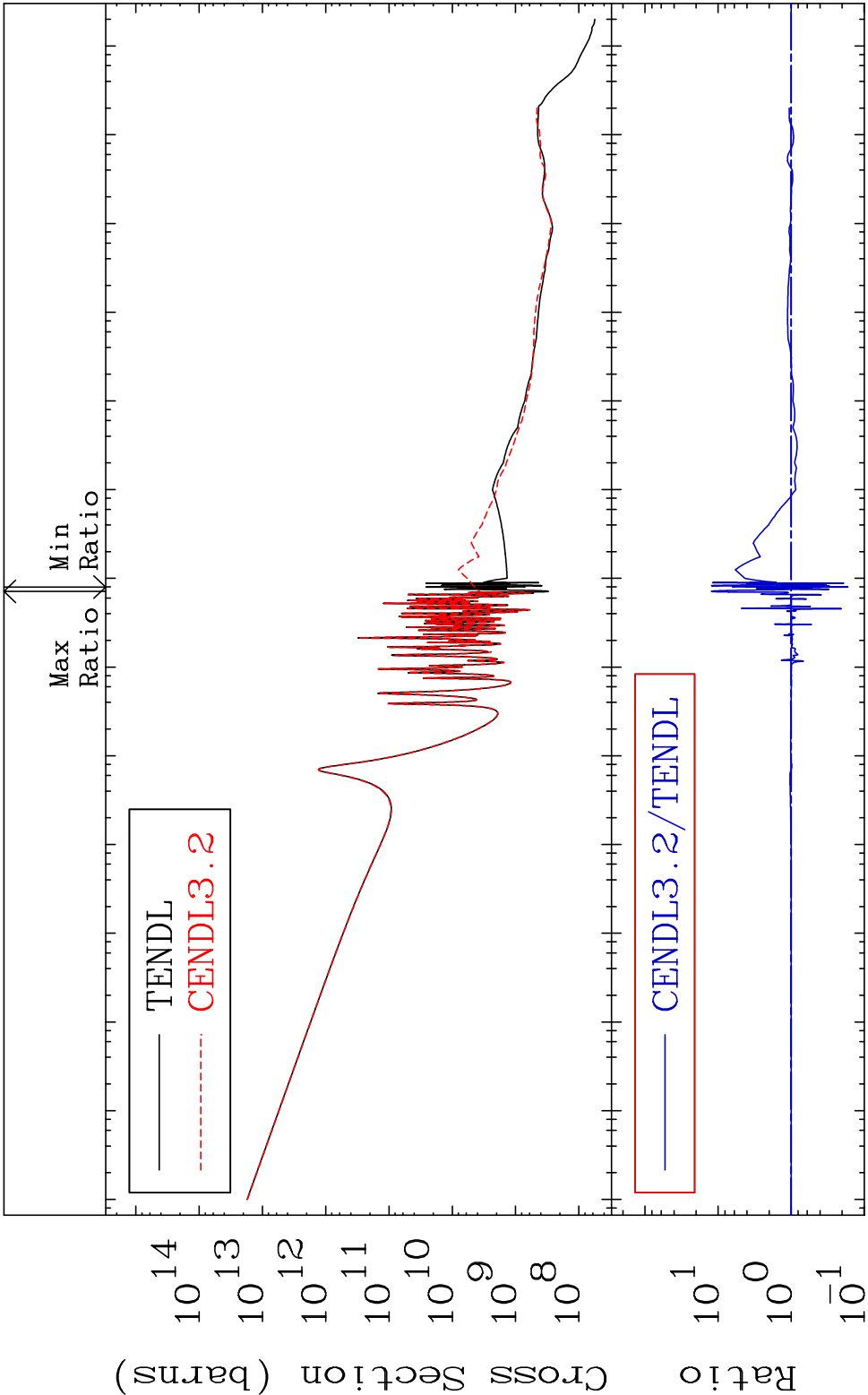
98-Cf-249

MAT 9852 He-4 Production 98-Cf-249
Cross Section -100.0 To 8176. %

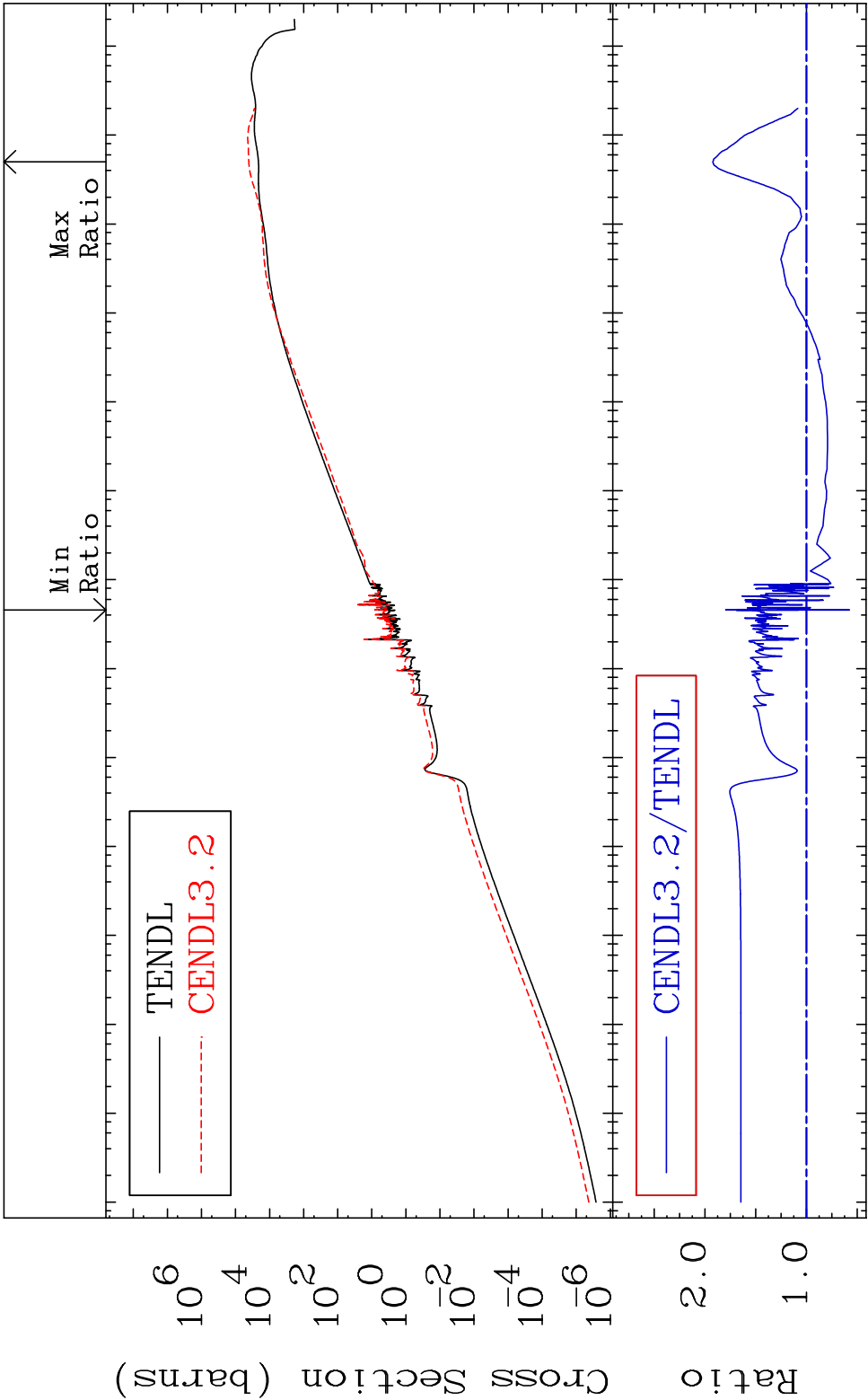


27 Incident Energy (eV) 98-Cf-249

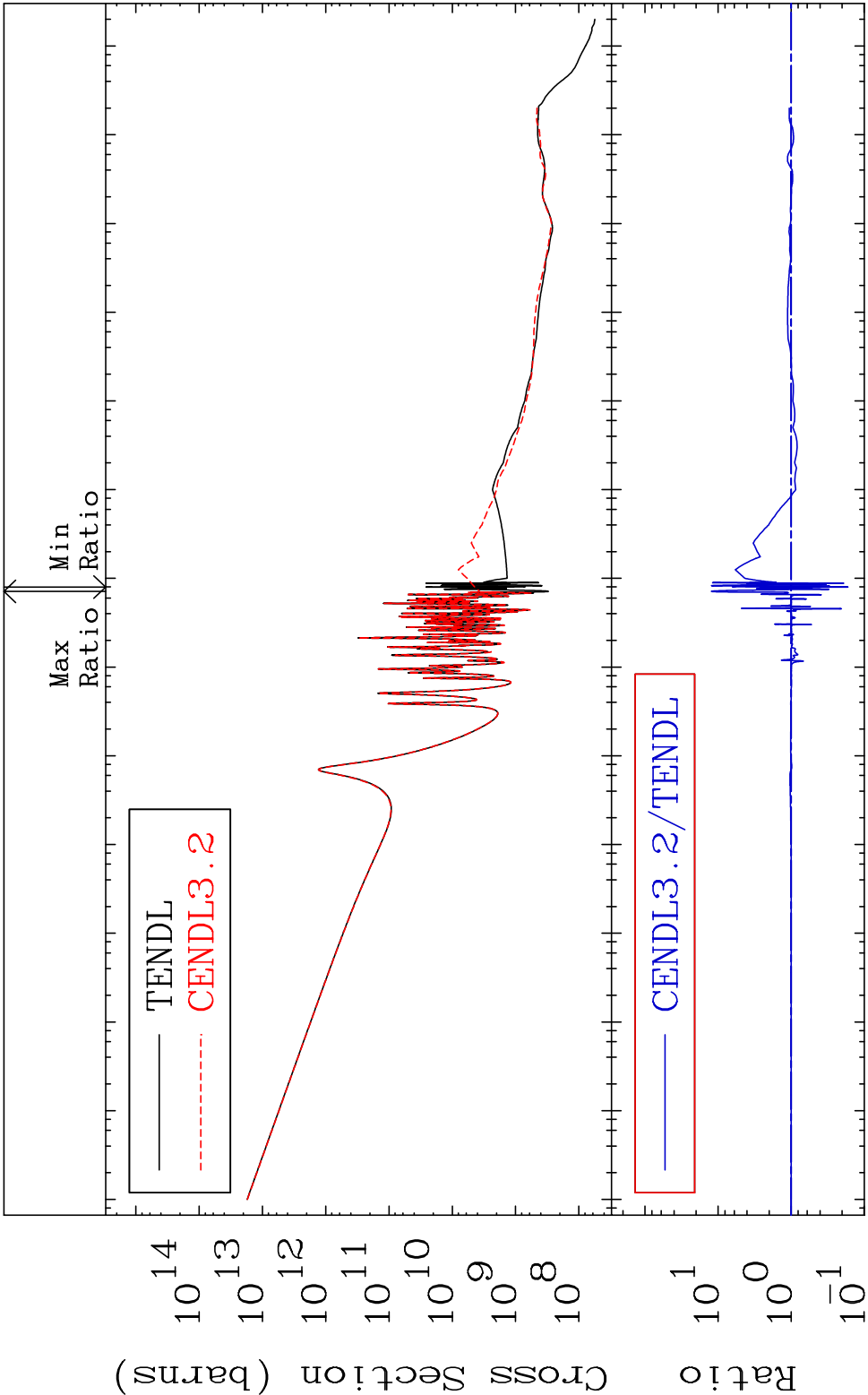
MAT 9852 Kerma total (eV-barns) 98-Cf-249
Cross Section -83.23 To 1133. %



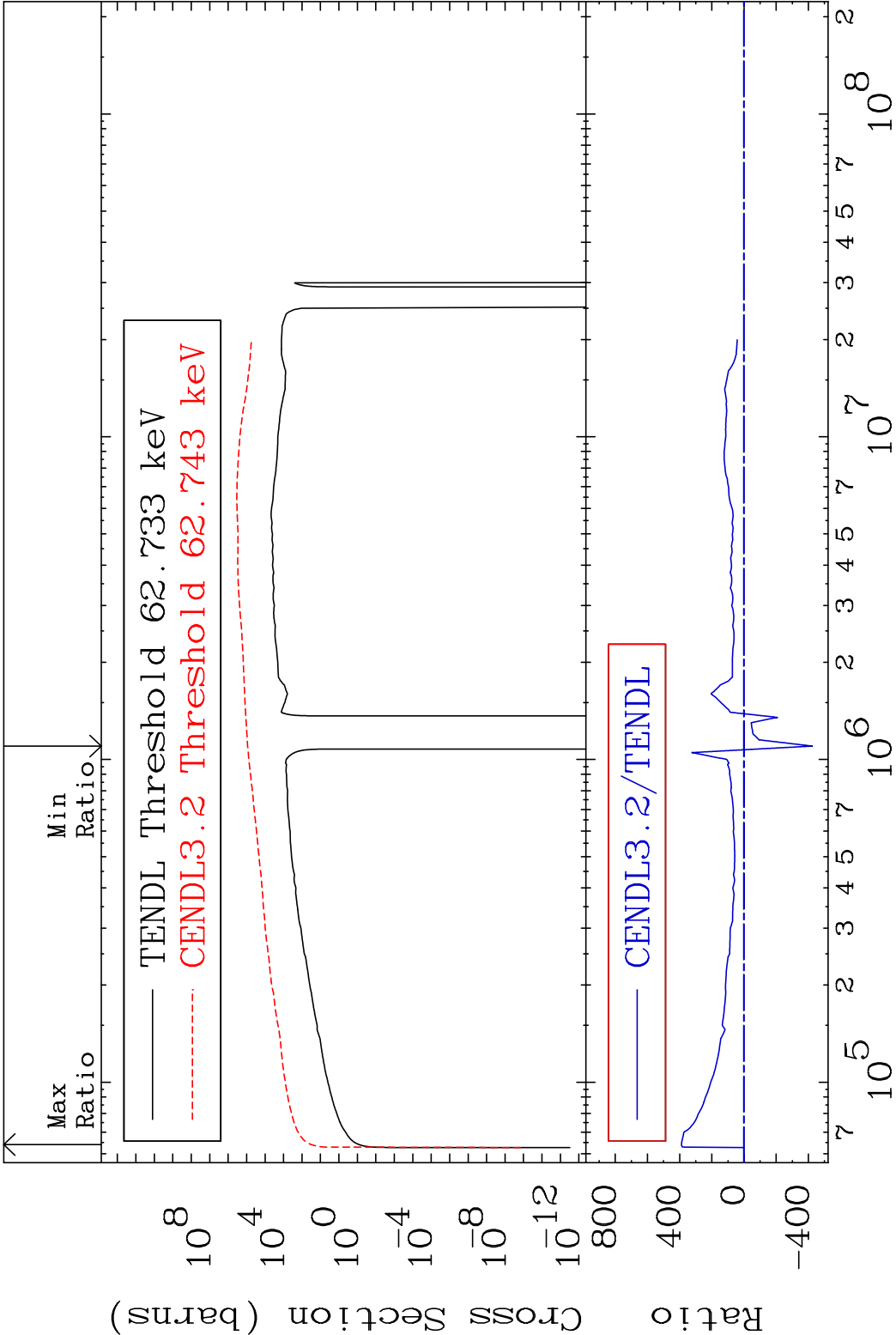
MAT 9852	Kerma elastic Cross Section	98-Cf-249 -42.42 To 92.18 %
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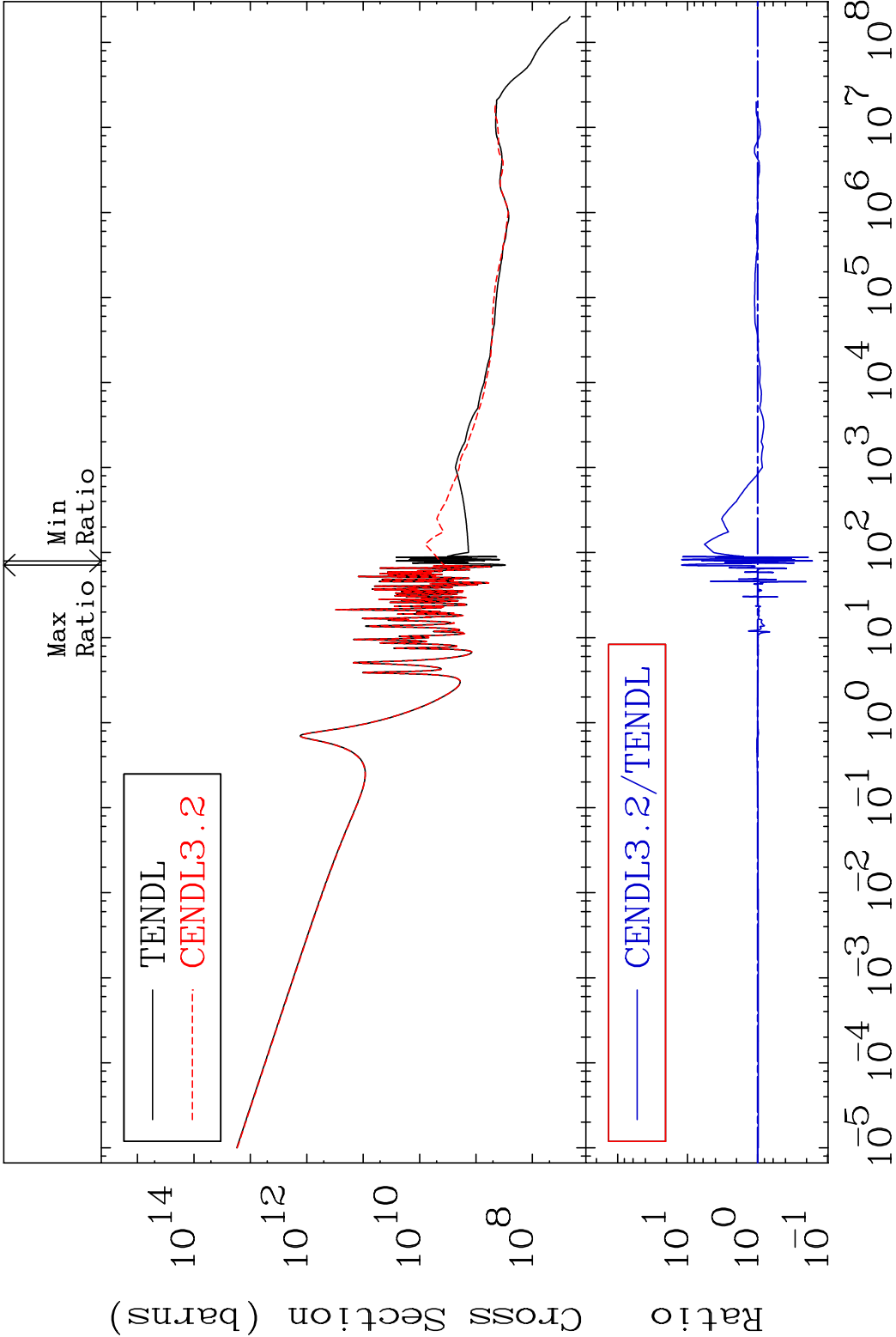
MAT 9852 Kerma non-elastic (all but mt2) 98-Cf-249
 Cross Section -83.23 To 1133. %



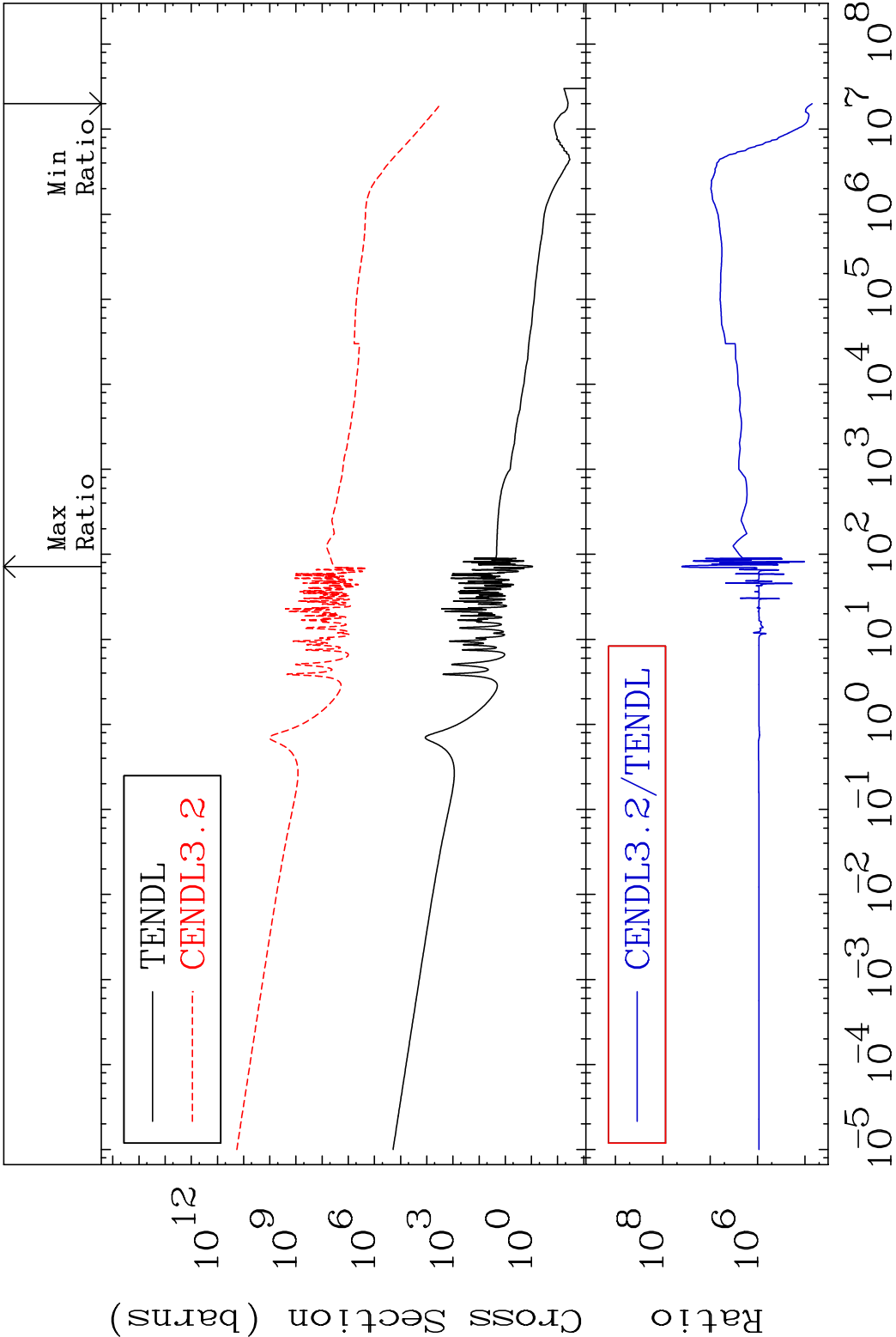
30 Incident Energy (eV) 98-Cf-249



MAT 9852Kerma fission (mt18 or mt19-20-21-38)98-Cf-249
Cross Section -83.39 To 1122. %

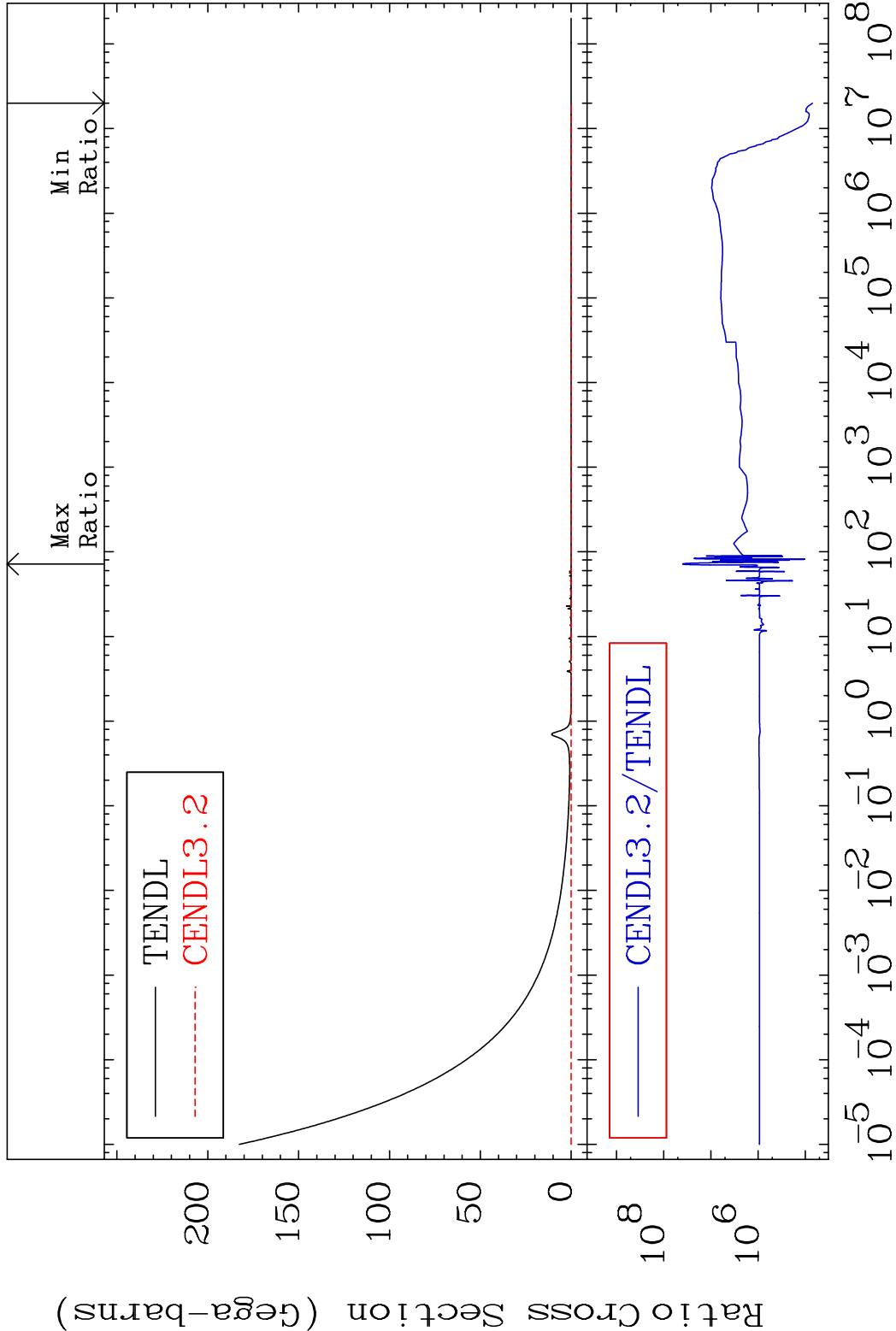


32 Incident Energy (eV) 98-Cf-249

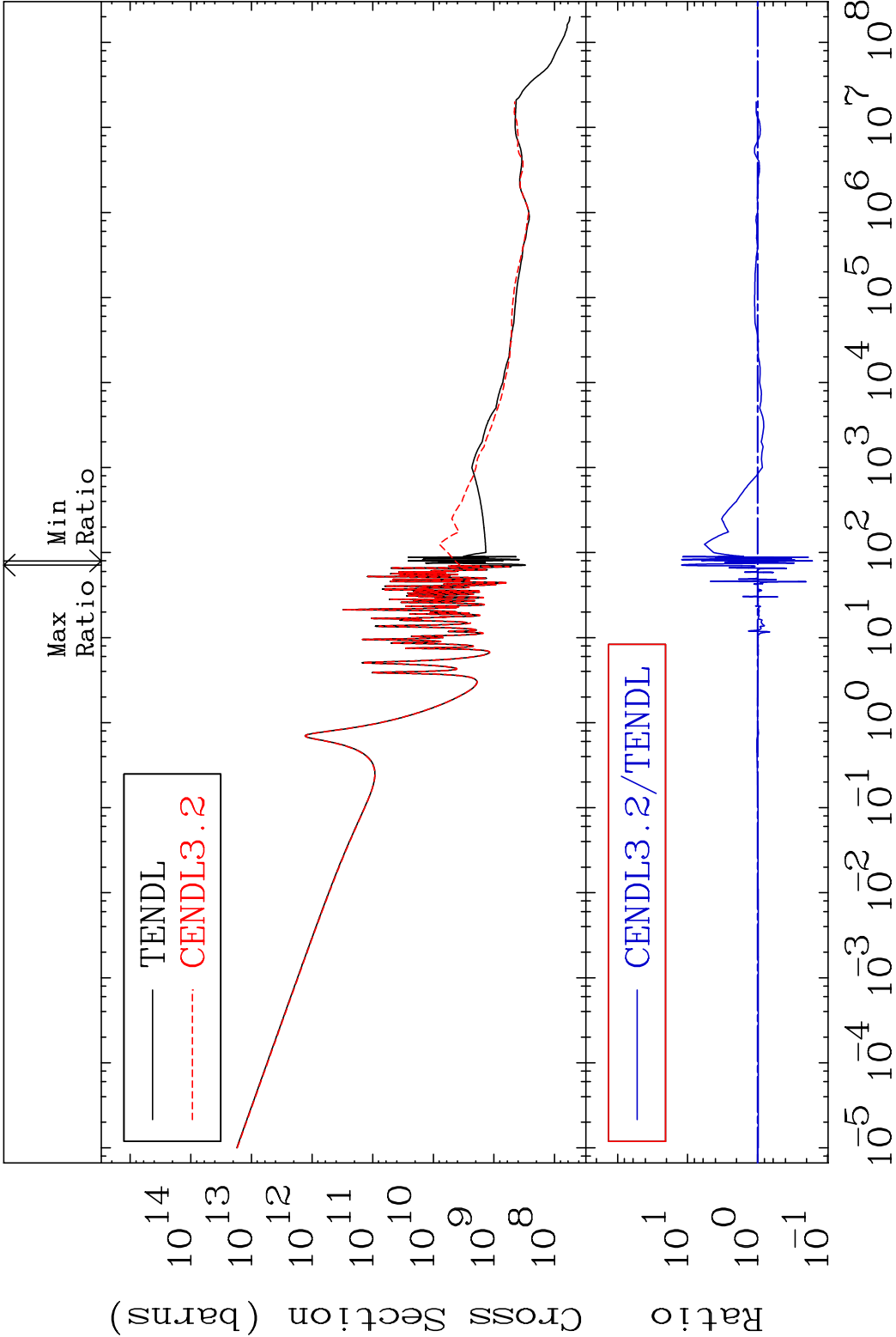


MAT 9852 Total photon (eV-barns) 98-Cf-249

Cross Section 9999. To 9999. %



MAT 9852 Total kinematic kerma (high limit) 98-Cf-249
Cross Section -83.39 To 1122. %



35 Incident Energy (eV) 98-Cf-249

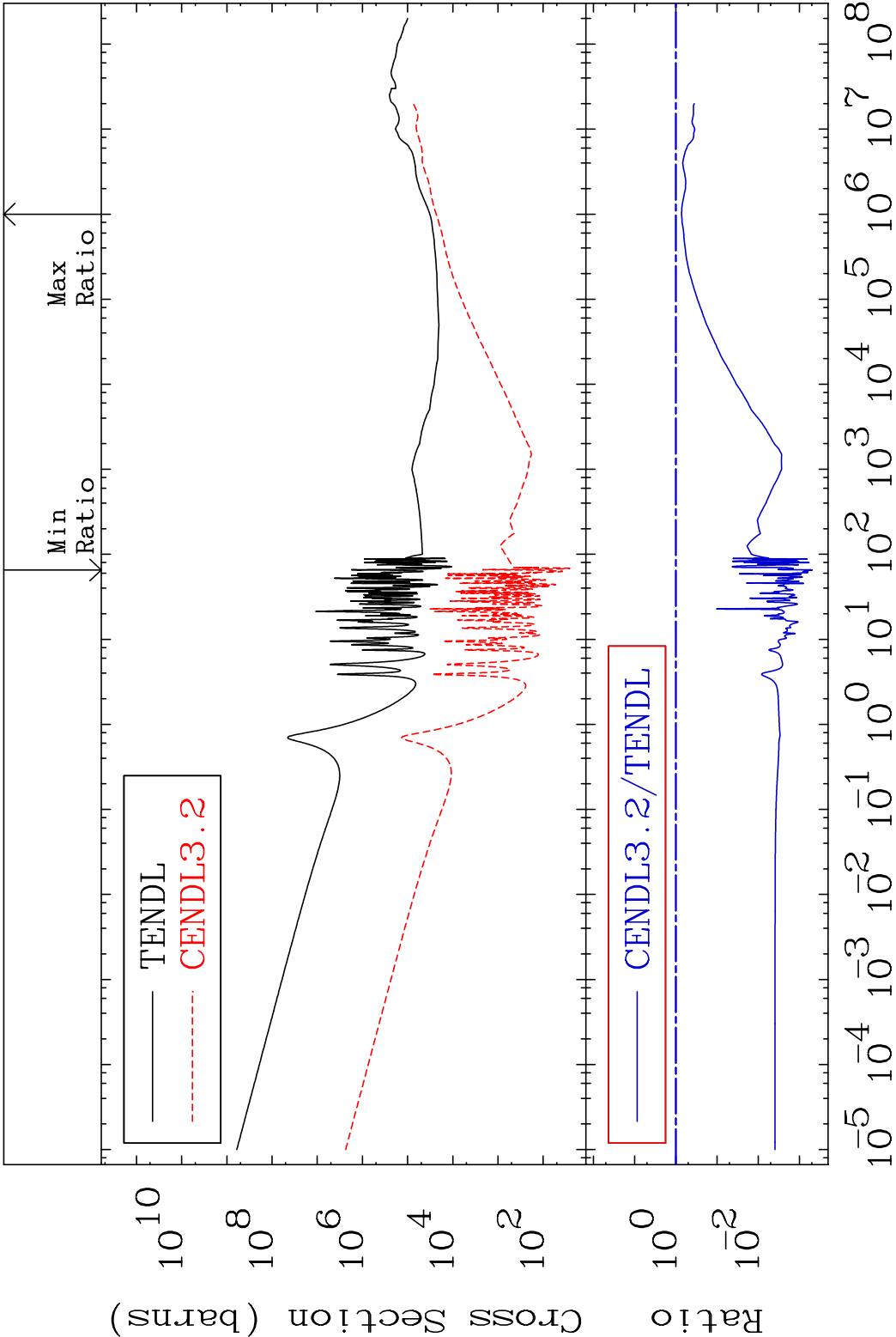
MAT 9852

Dpa total (eV-barns)

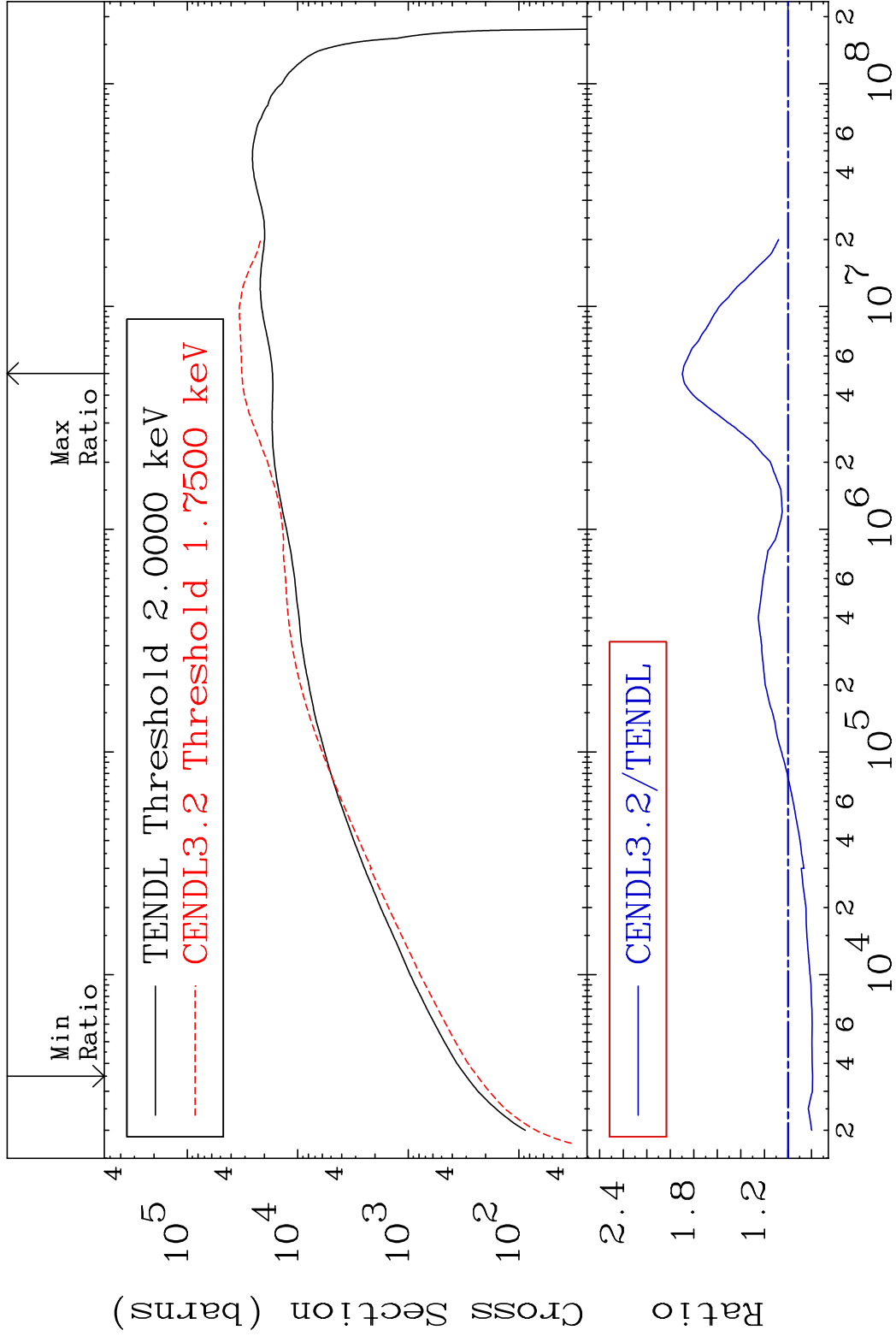
98-Cf-249

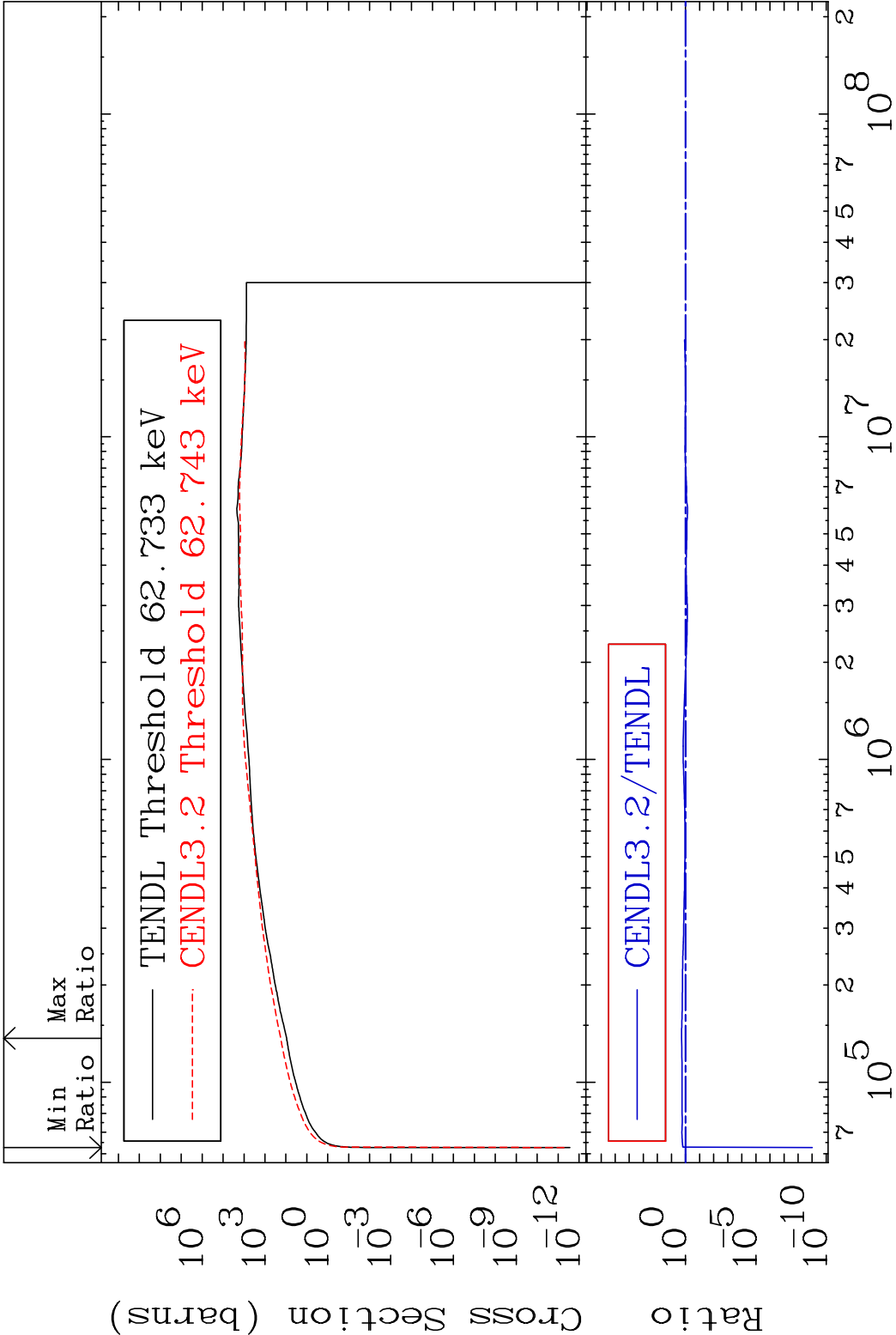
Cross Section

-99.95 To -27.62%

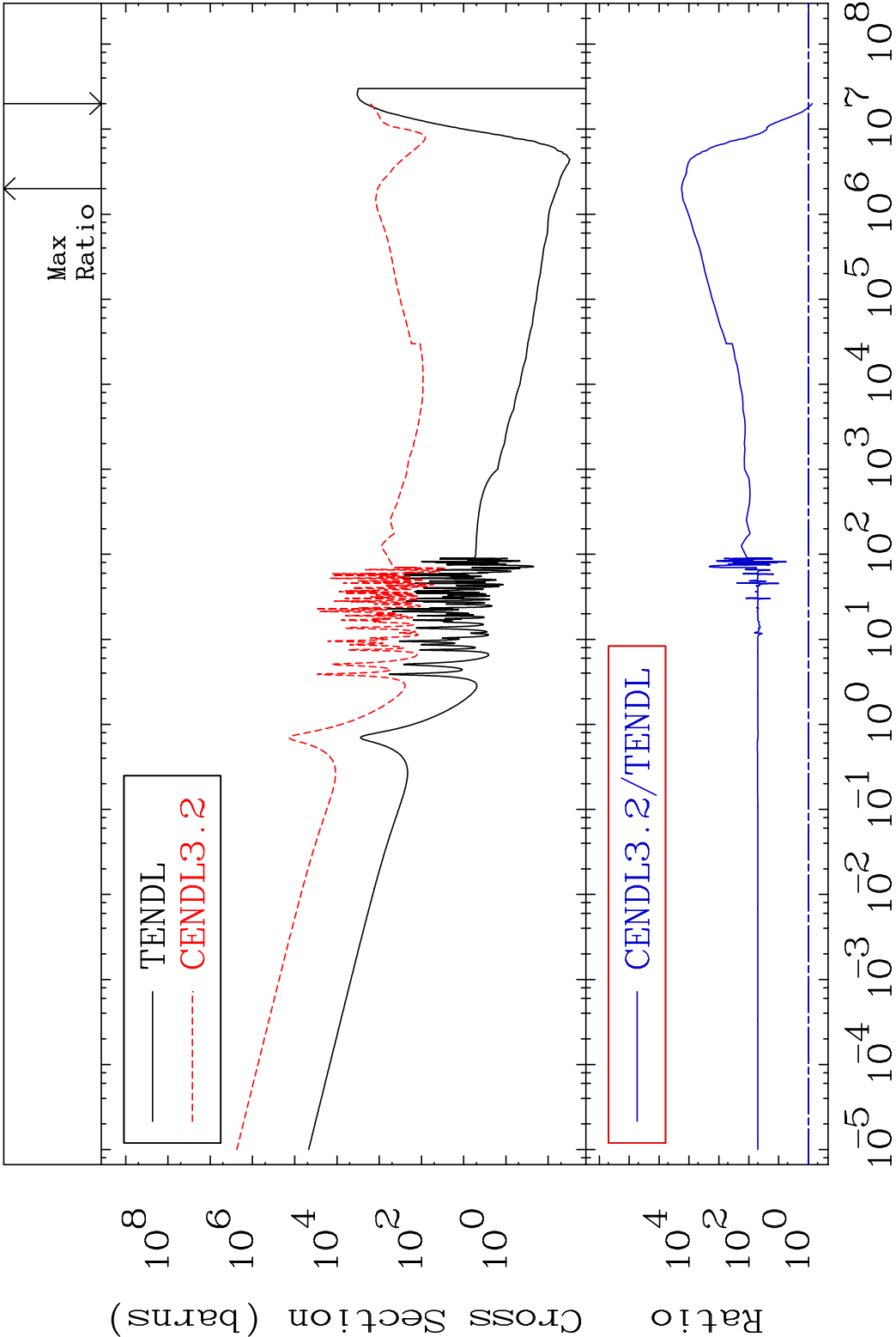


MAT 9852	Dpa elastic (mt2)	98-Cf-249
	Cross Section	-20.93 To 89.74 %



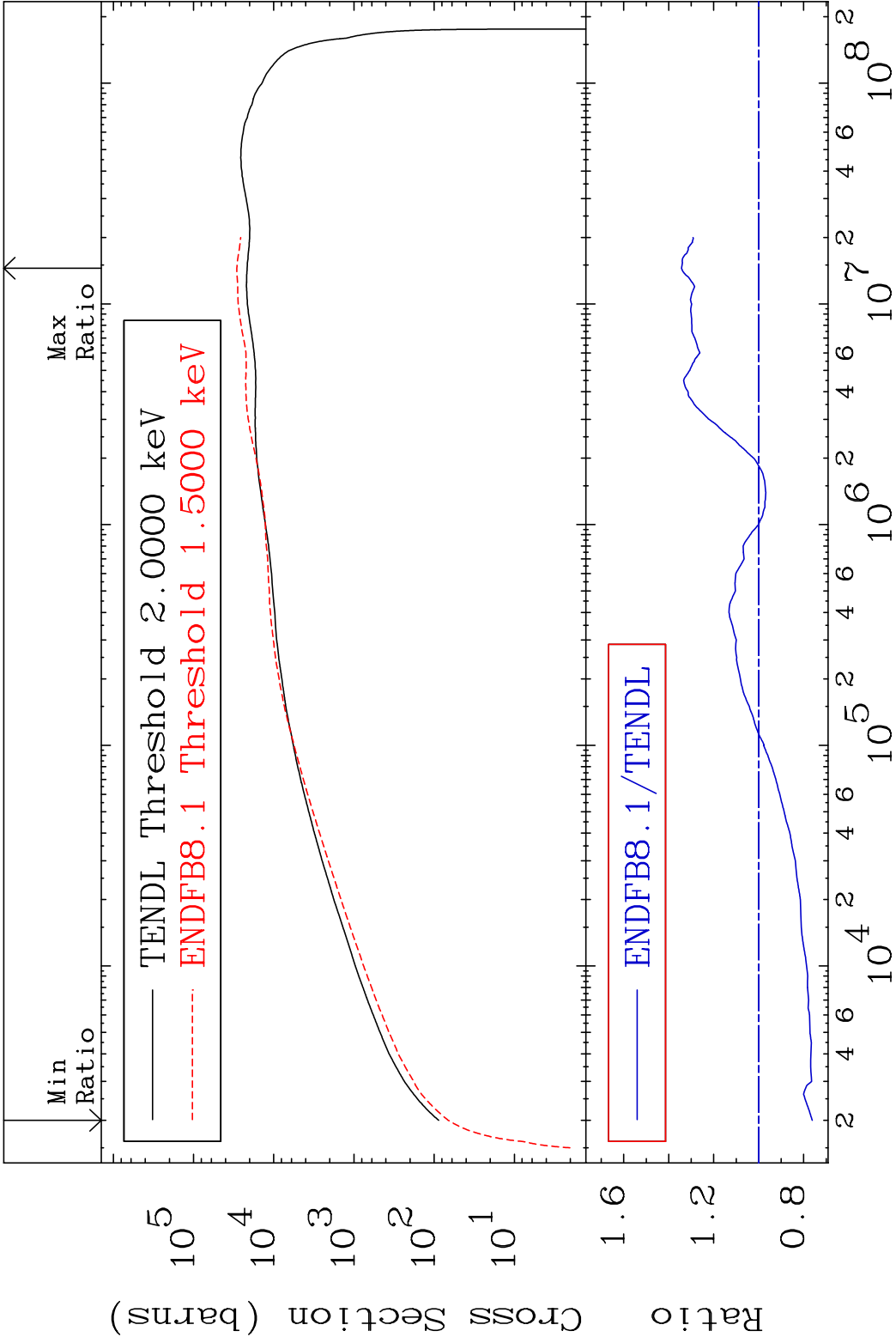


MAT 9852 Dpa disappearance (mt102 -120) 98-Cf-249
Cross Section -24.76 To 9999. %

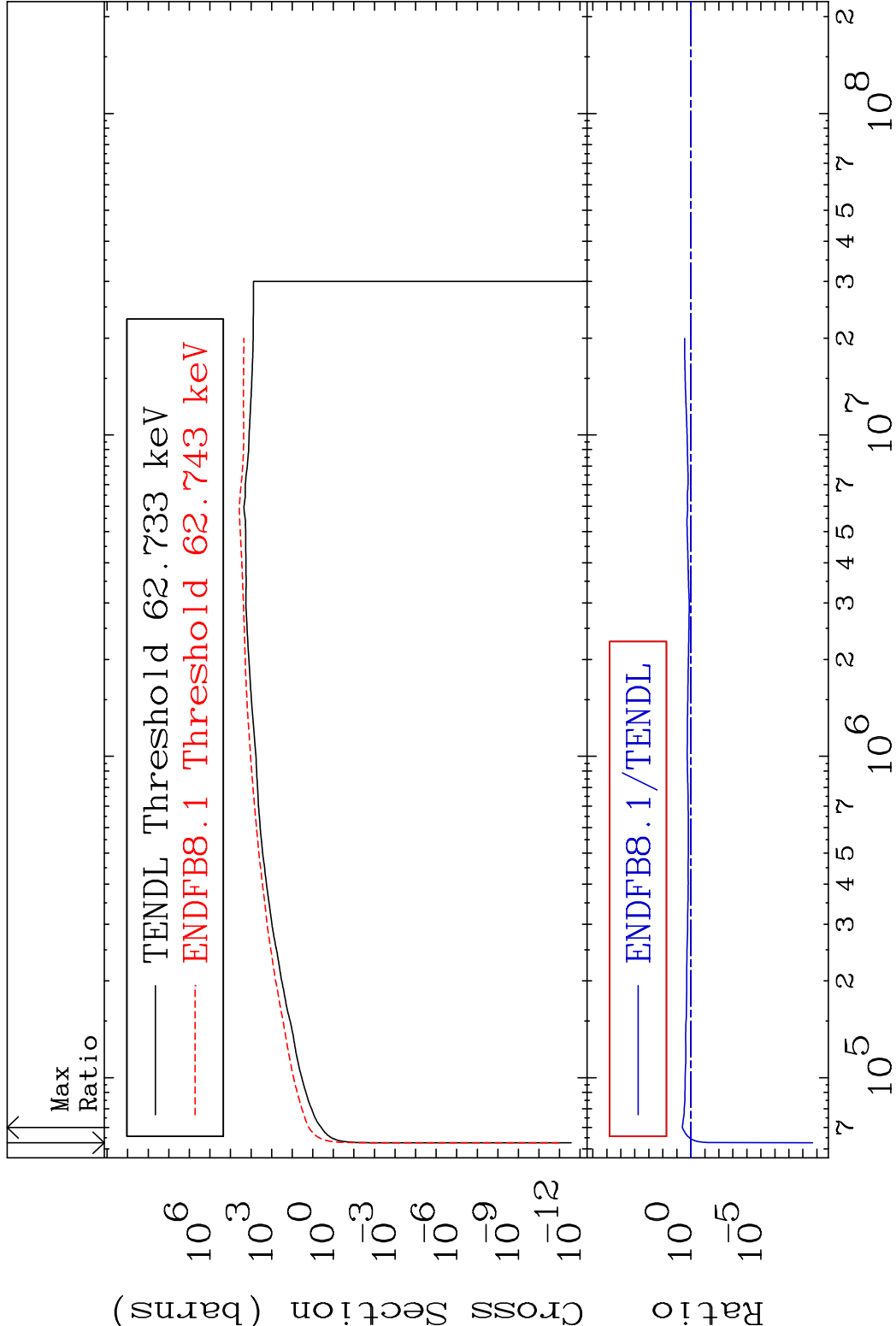


39 Incident Energy (eV) 98-Cf-249

MAT 9852 Dpa elastic (mt2) 98-Cf-249
Cross Section -23.80 To 34.31 %



40 Incident Energy (eV) 98-Cf-249



MAT 9852 Dpa disappearance (mt102 -120) 98-Cf-249
Cross Section -100.0 To 7715. %

