

Program Complot  
(Version 2021-1)

by

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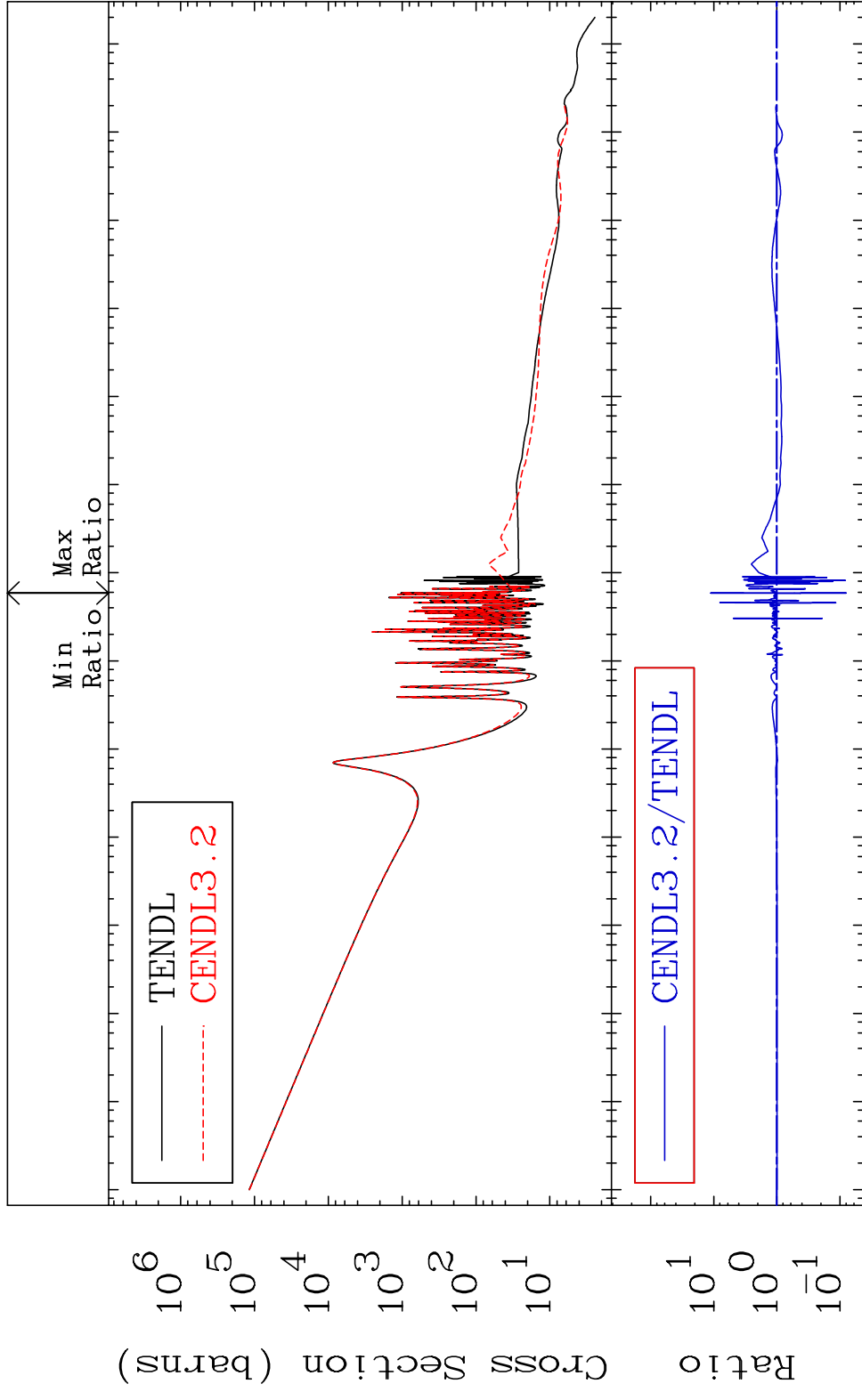
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9852

Total Cross Section -92.06 To 1017. %

98-Cf-249



1

Incident Energy (eV)

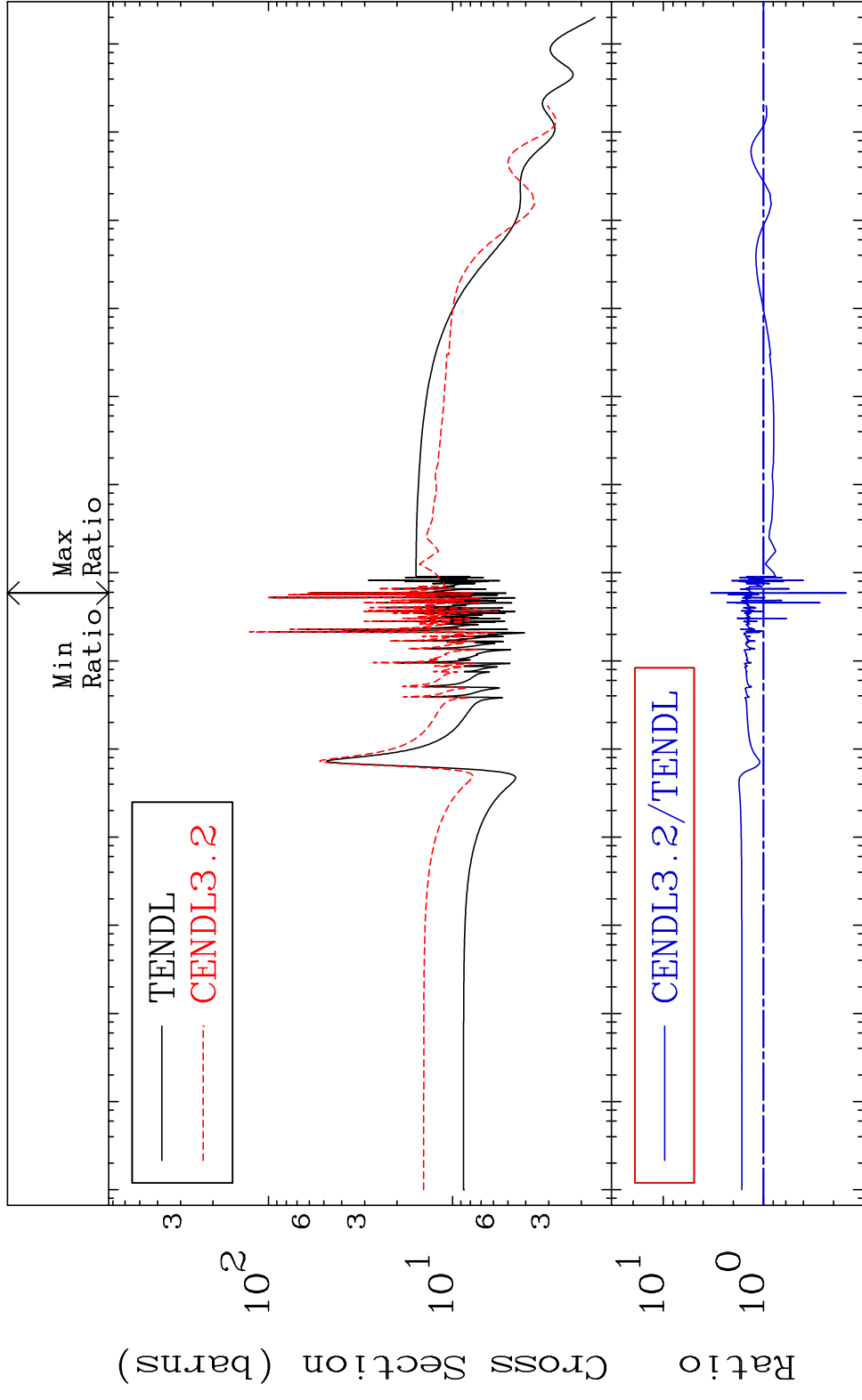
98-Cf-249

MAT 9852

Elastic

98-Cf-249

Cross Section -85.10 To 236.2 %



2

Incident Energy (eV)

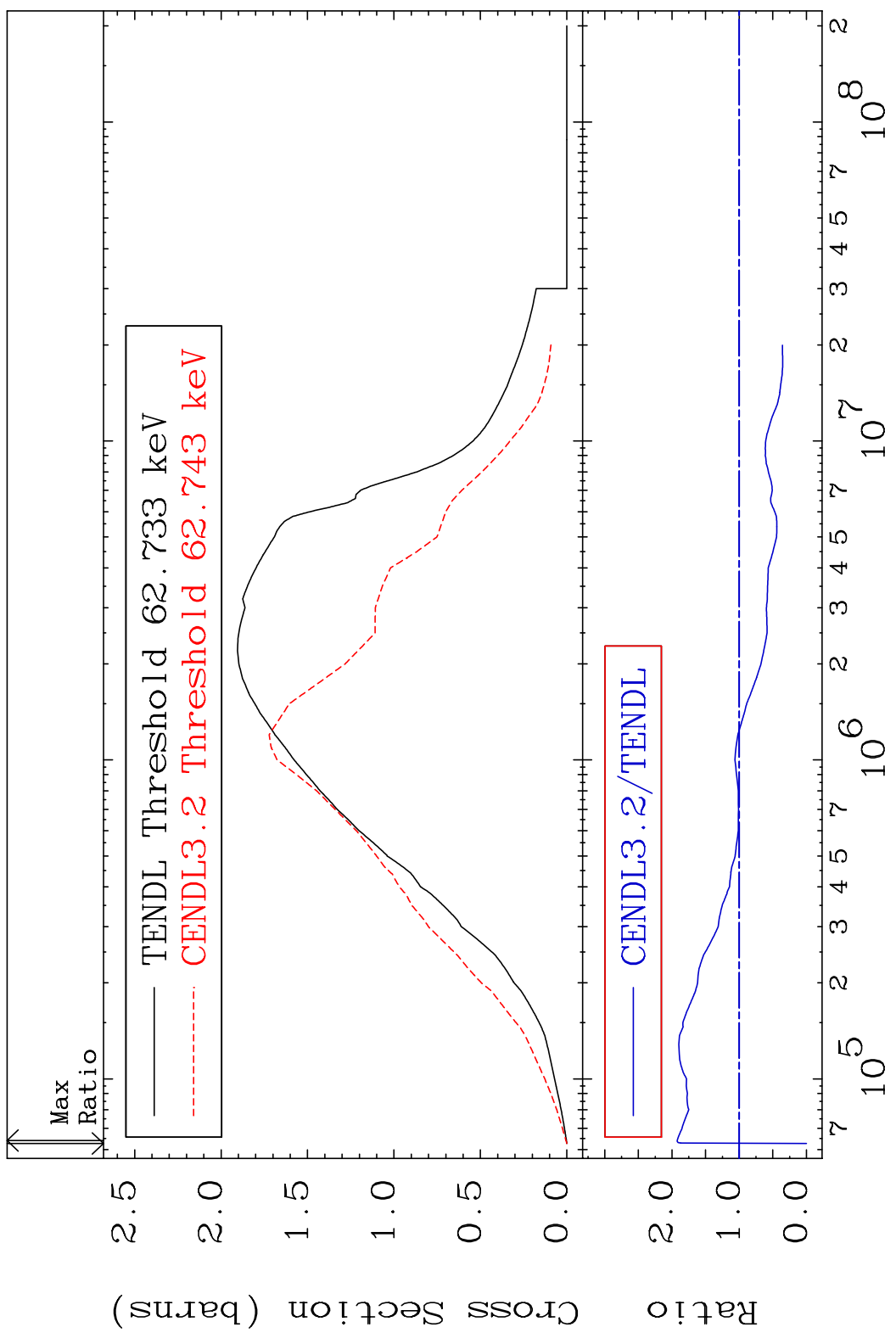
98-Cf-249

MAT 9852

Inelastic

98-Cf-249

Cross Section -100.0 To 92.27 %



3

Incident Energy (eV)

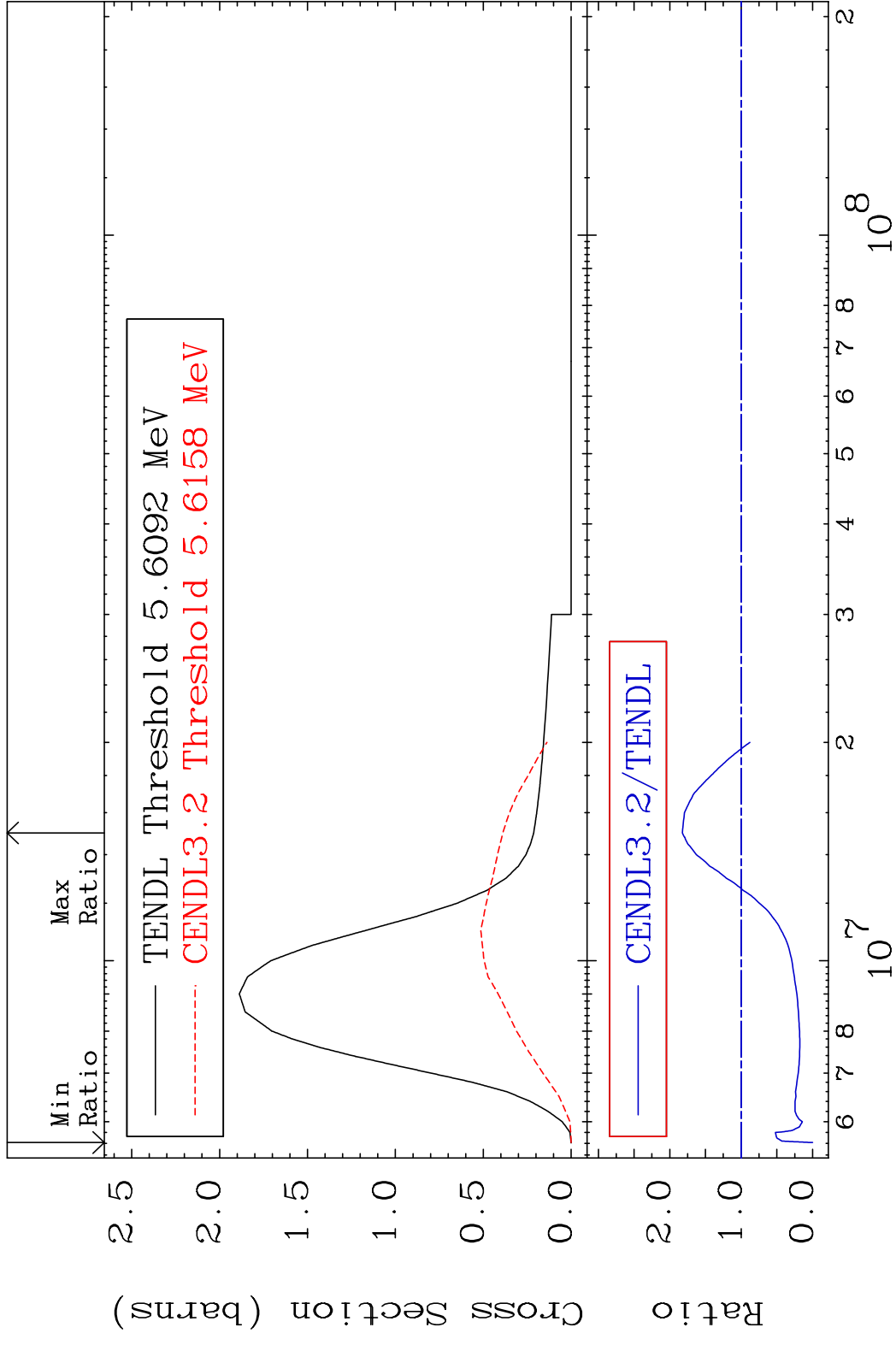
98-Cf-249

MAT 9852

(n,2n)

98-Cf-249

Cross Section -100.0 To 82.37 %

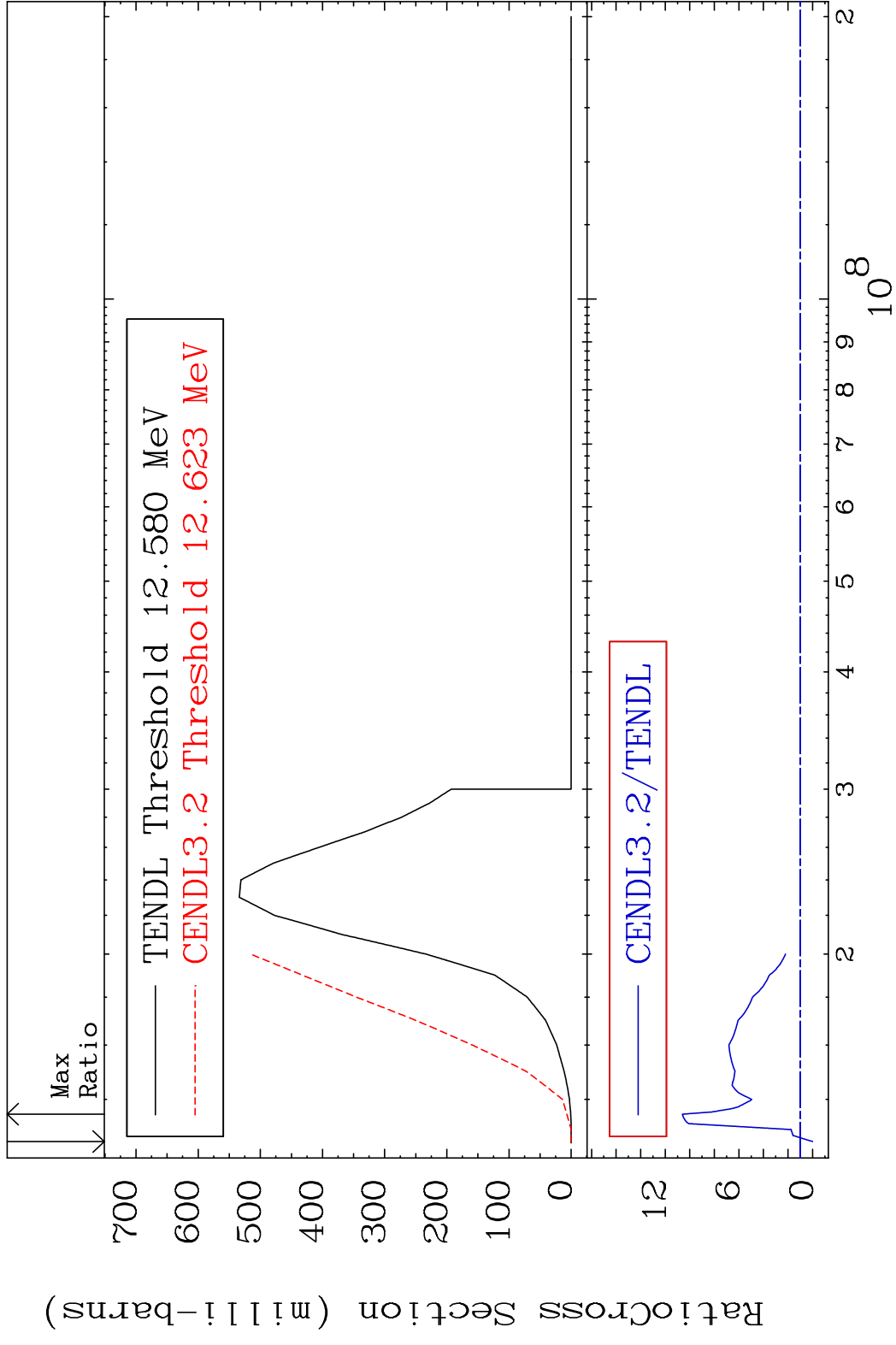


MAT 9852

(n,3n)

98-Cf-249

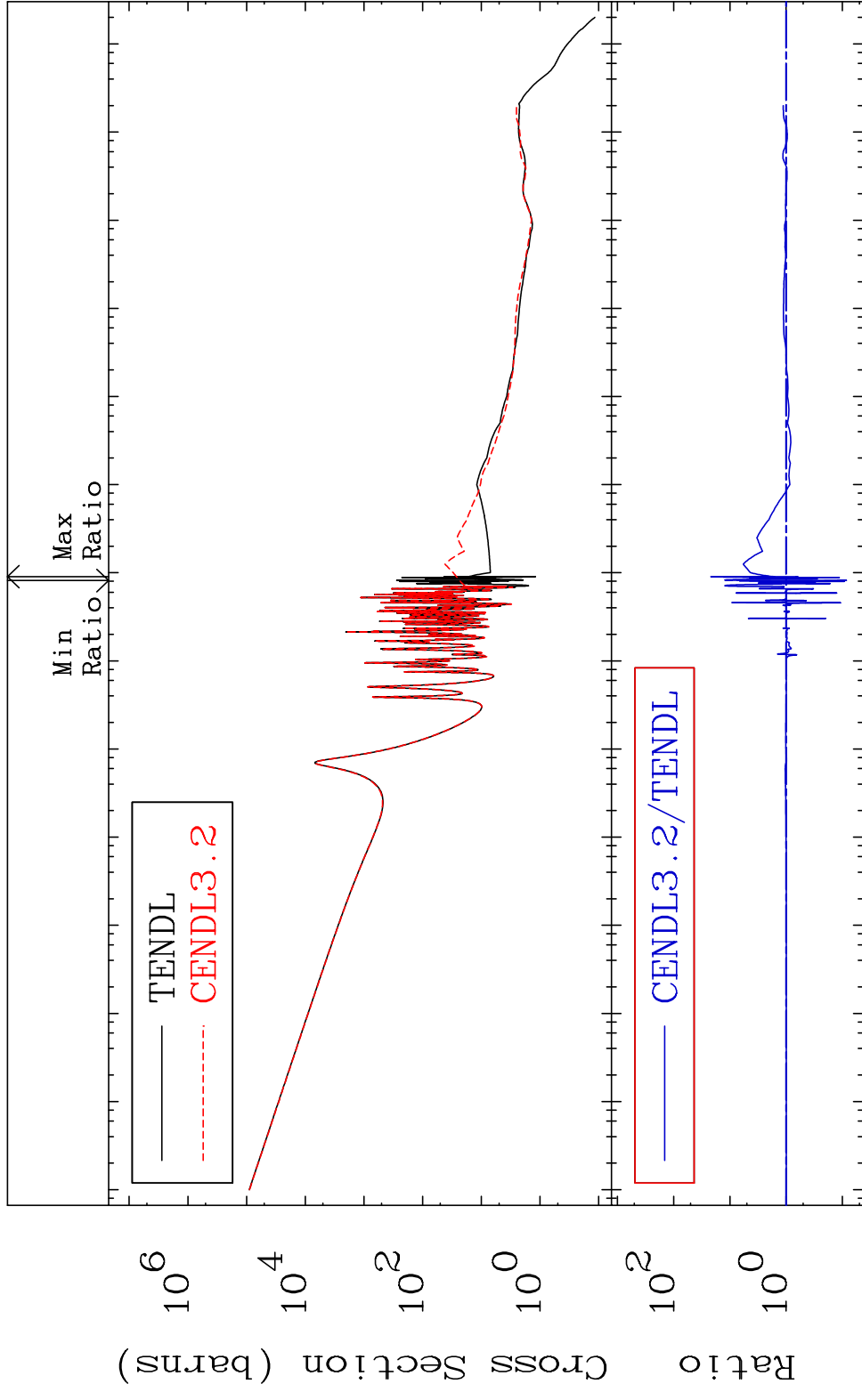
Cross Section -100.0 To 960.4 %



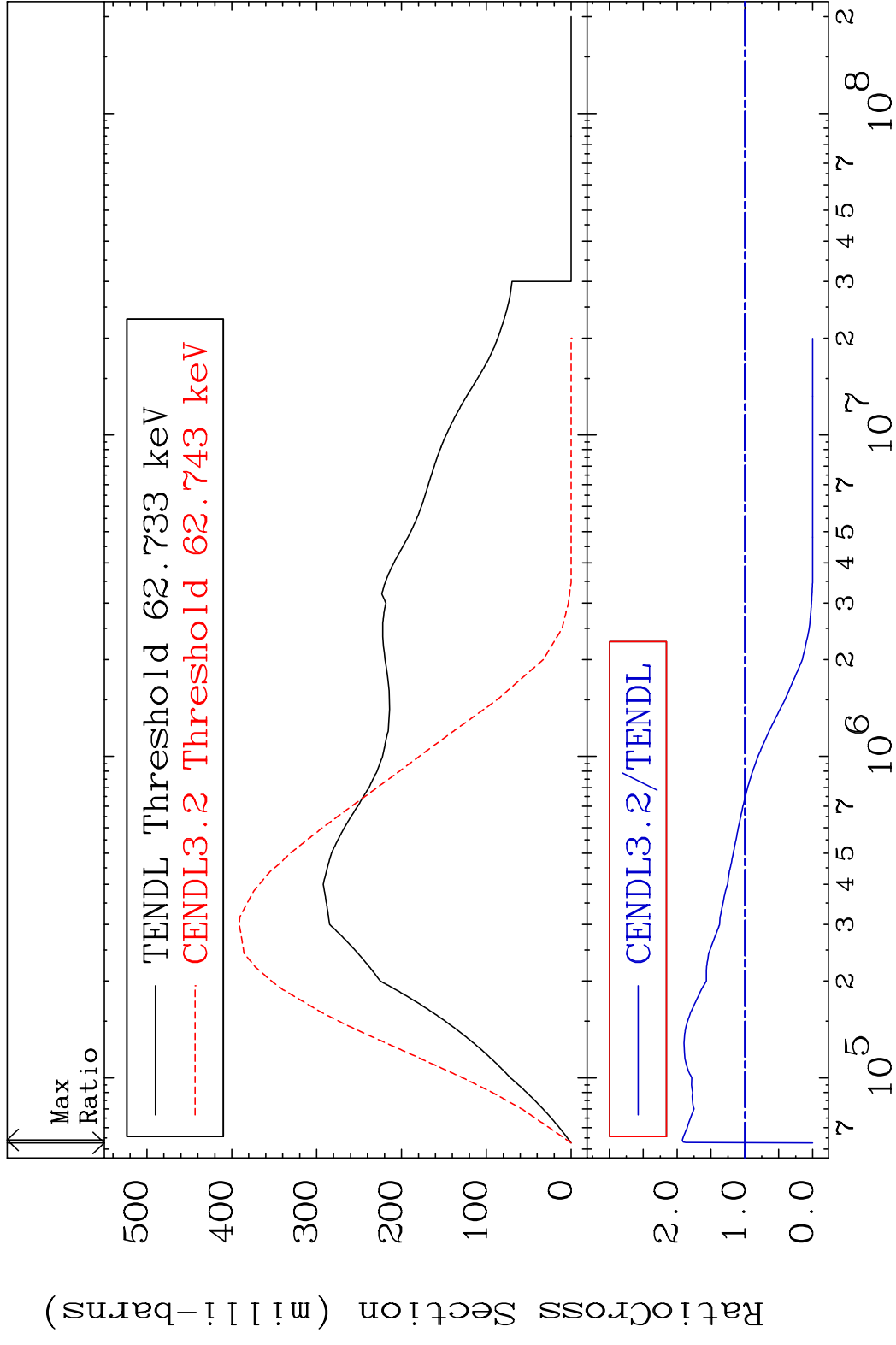
MAT 9852

Fission Cross Section -91.48 To 2092. %

98-Cf-249



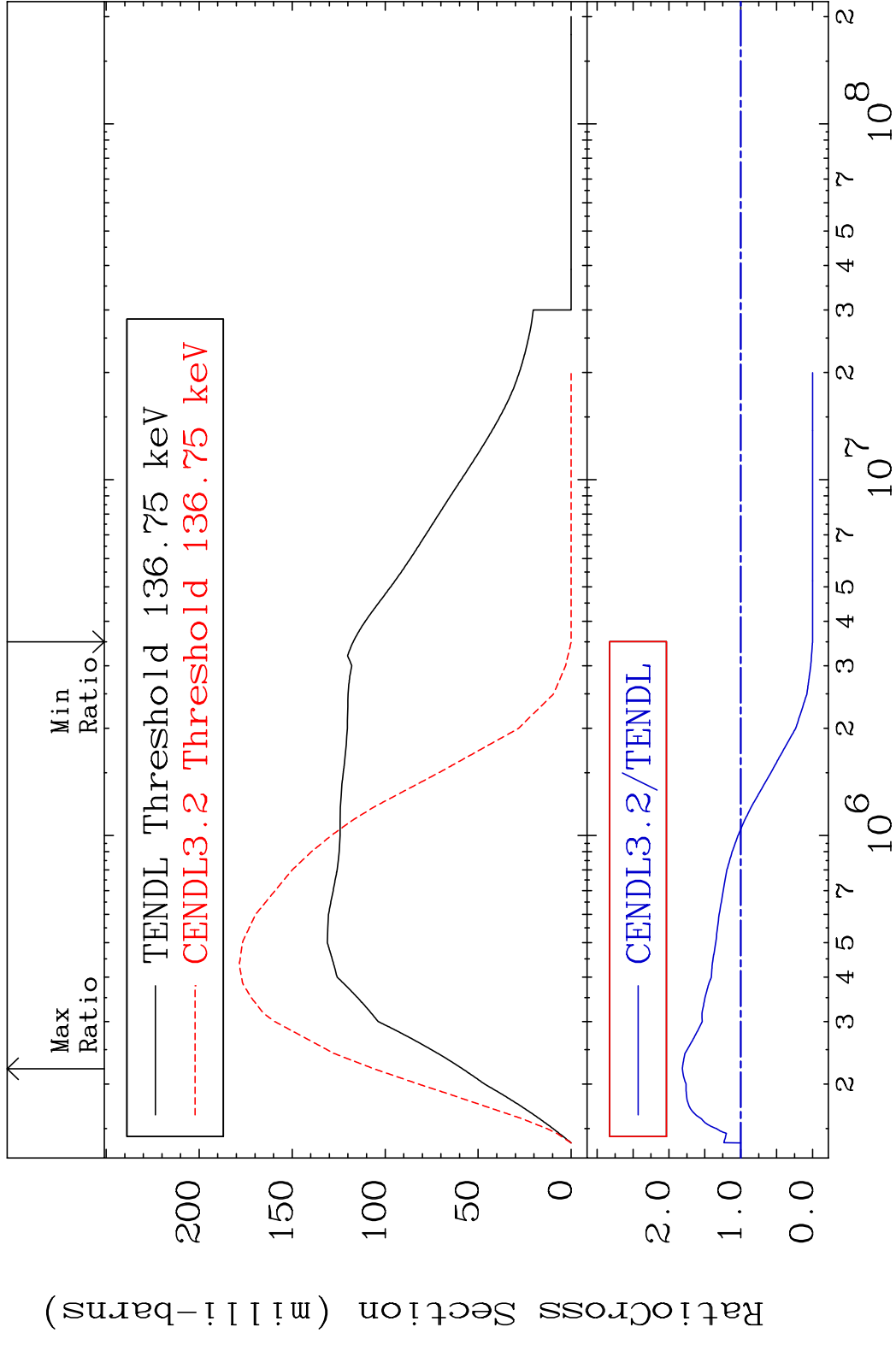
MAT 9852 MT= 51 (n, n') Level 98-Cf-249  
 Cross Section -100.0 To 92.27 %



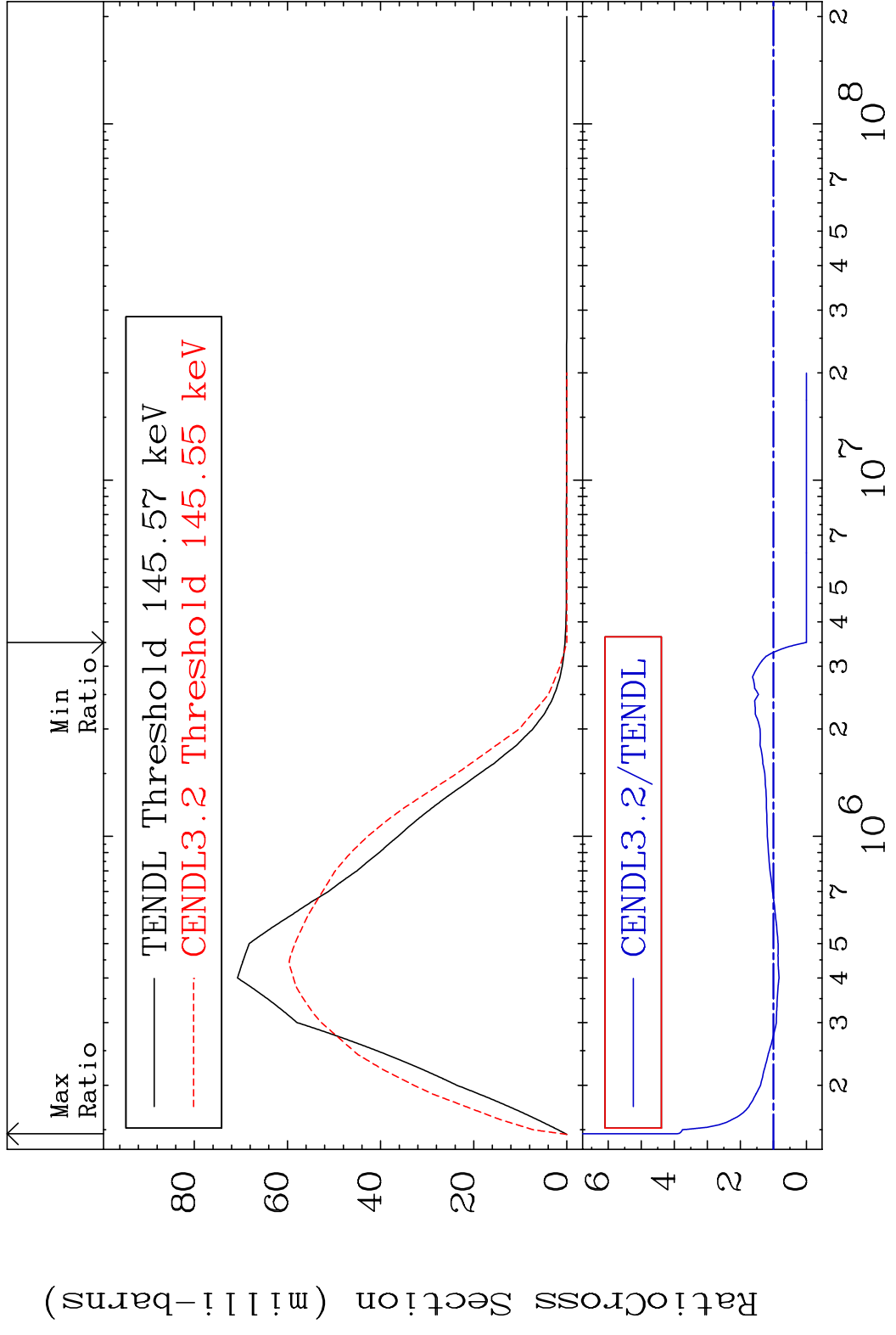
7 Incident Energy (eV) 98-Cf-249



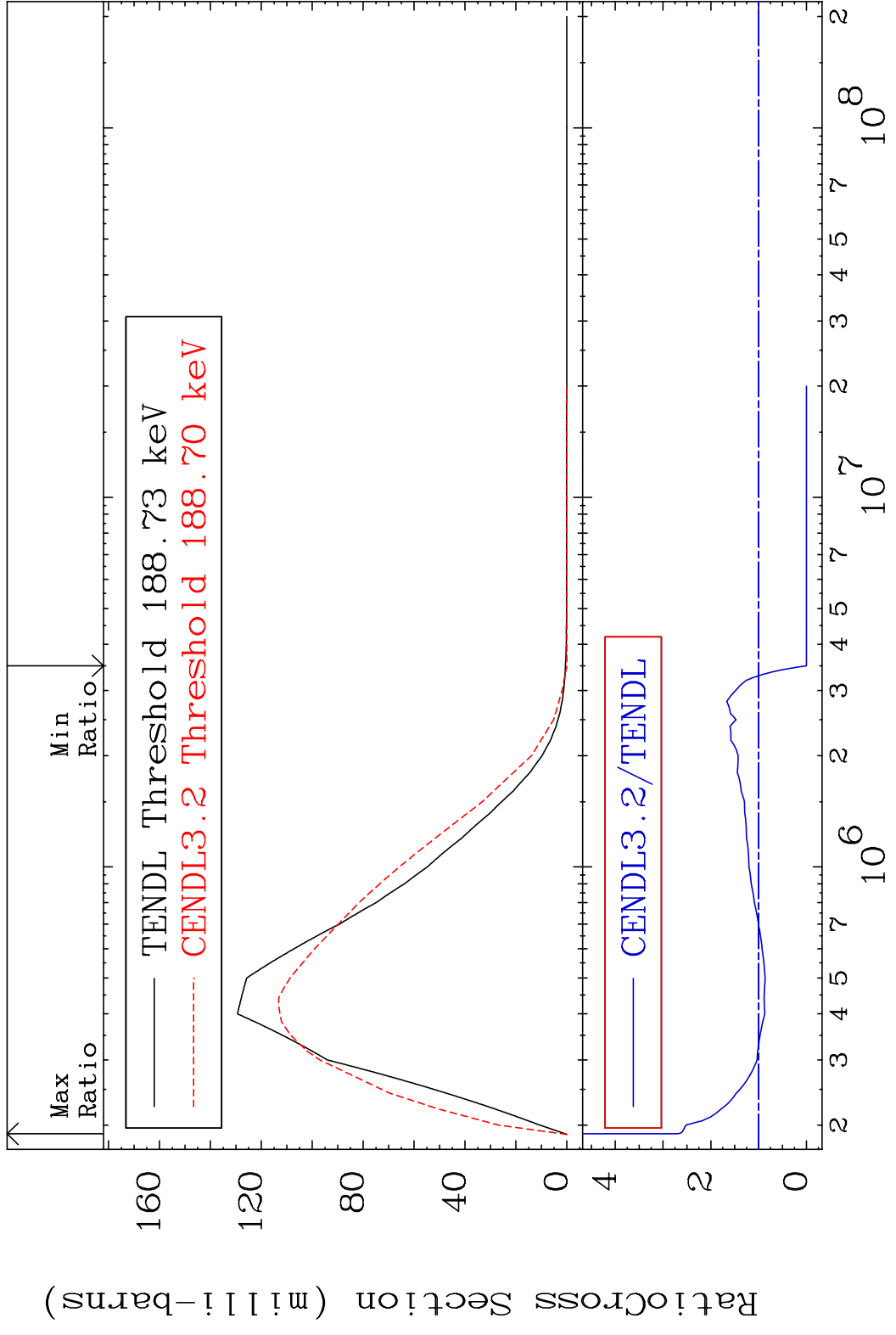
MAT 9852 MT= 52 (n, n') Level 98-Cf-249  
 Cross Section -100.0 To 81.30 %



MAT 9852 MT= 53 (n, n') Level 98-Cf-249  
 Cross Section -100.0 To 291.0 %

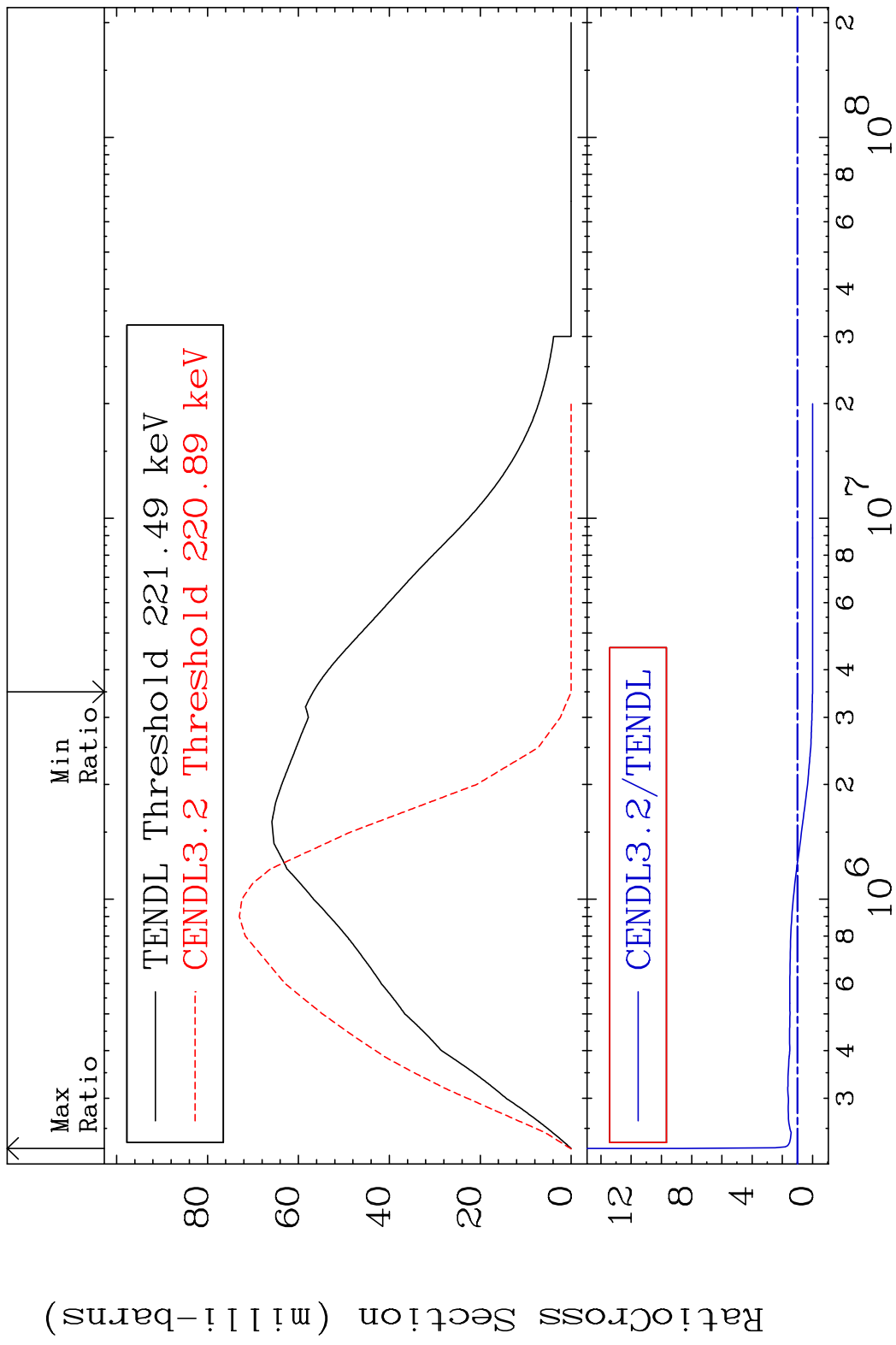


MAT 9852 MT= 54 (n,n') Level 98-Cf-249  
 Cross Section -100.0 To 170.4 %

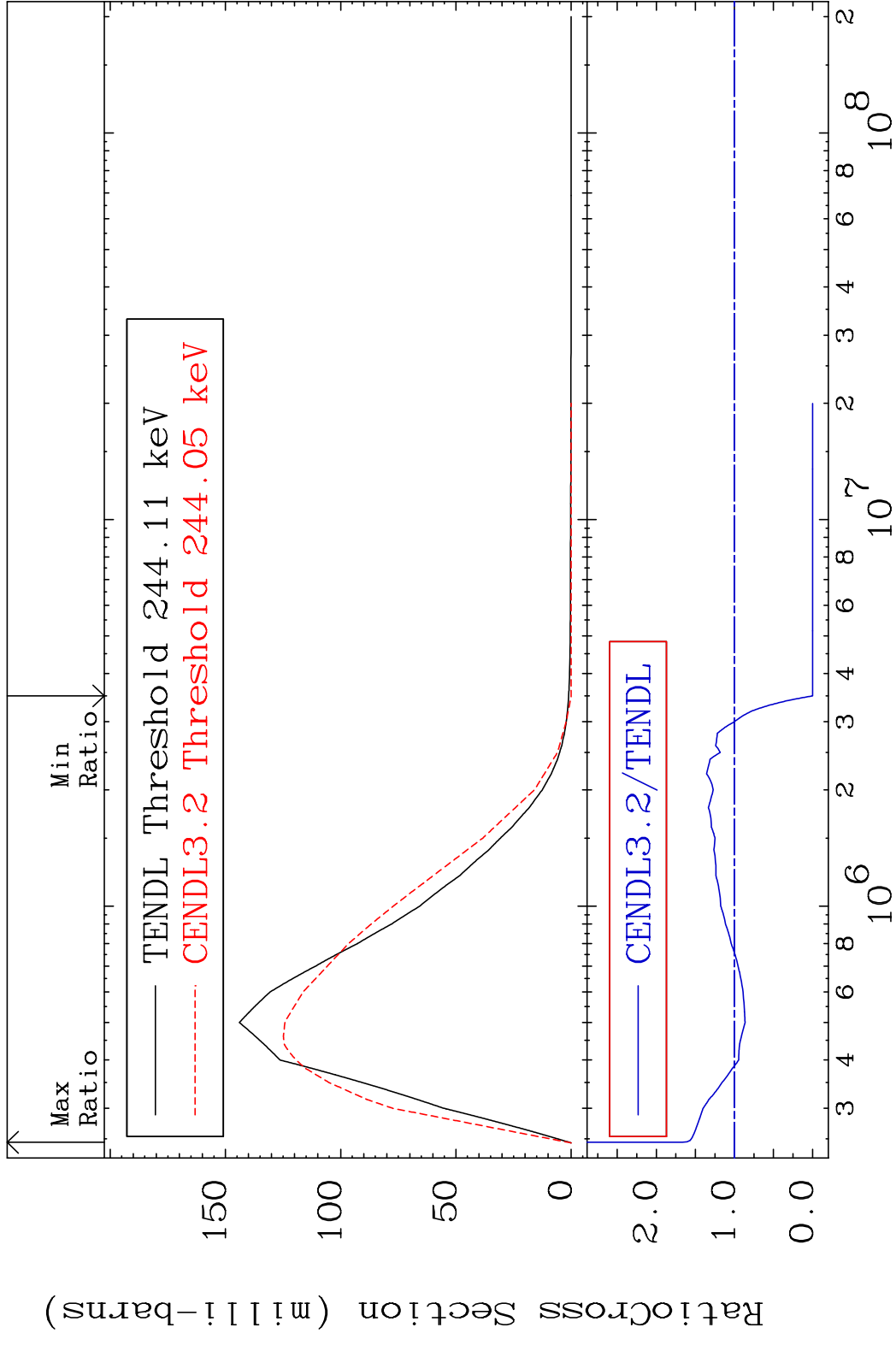


10 Incident Energy (eV) 98-Cf-249

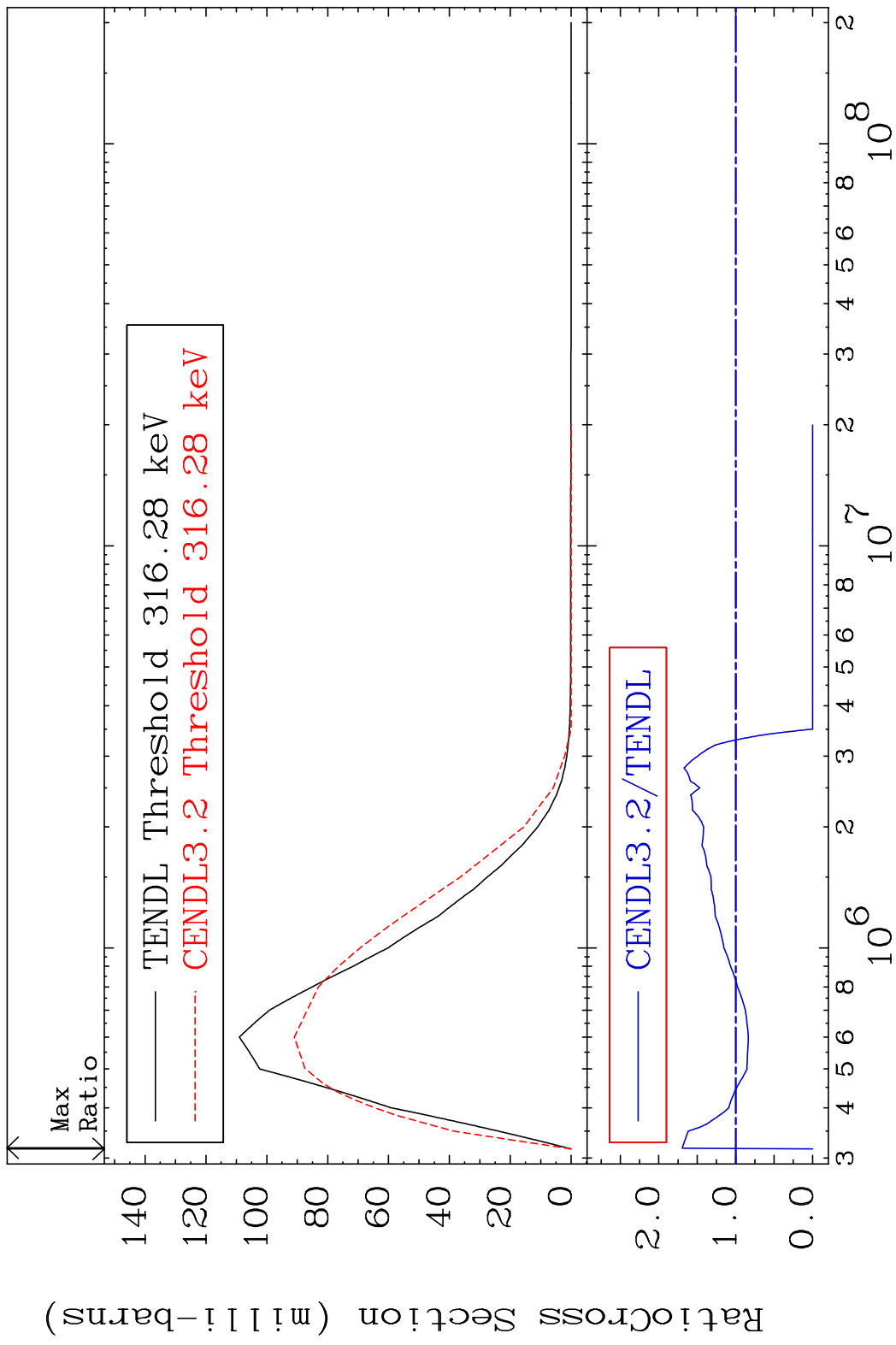
MAT 9852 MT= 55 (n, n') Level 98-Cf-249  
 Cross Section -100.0 To 761.3 %



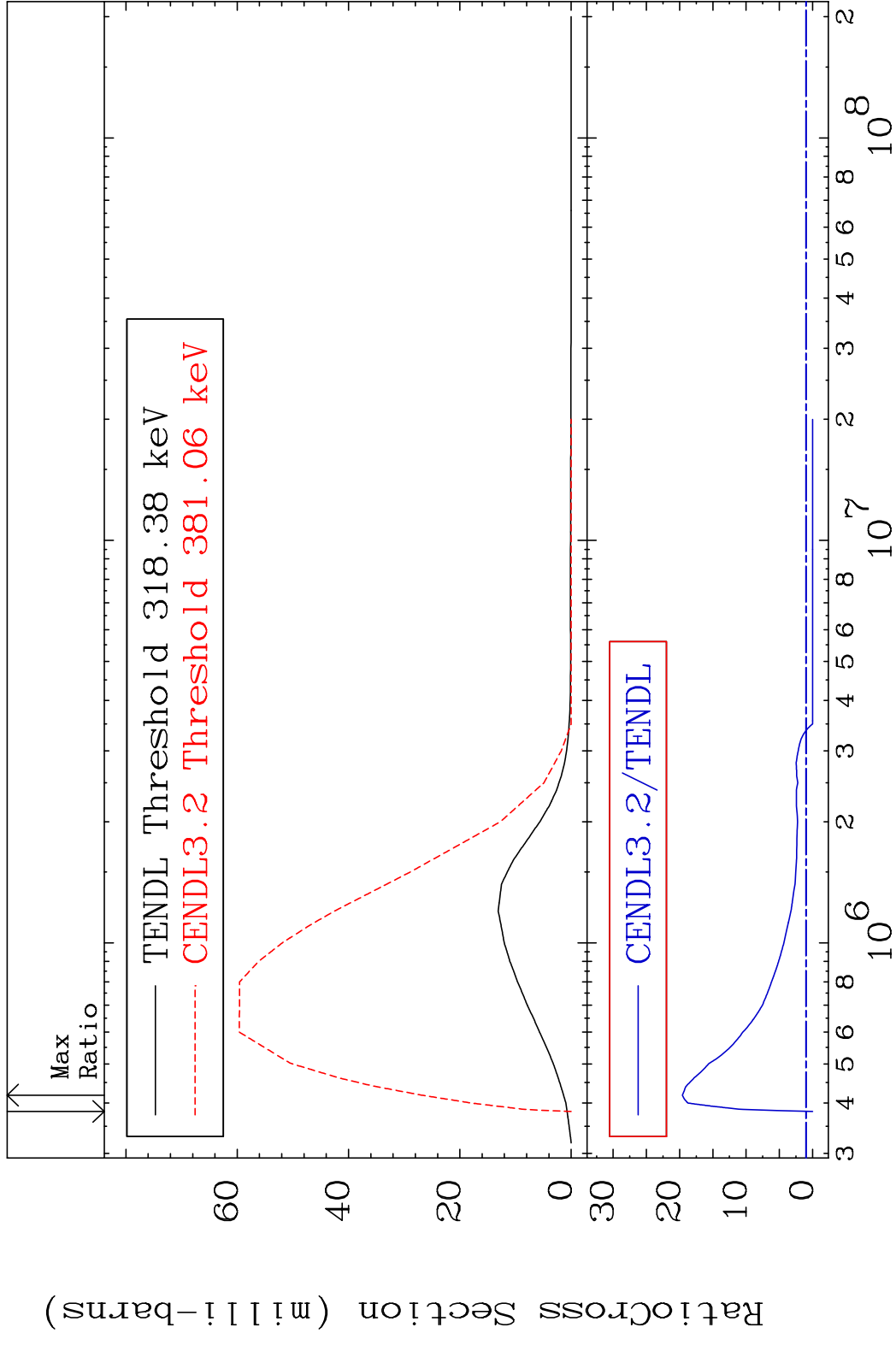
MAT 9852 MT= 56 (n,n') Level 98-Cf-249  
 Cross Section -100.0 To 66.65 %



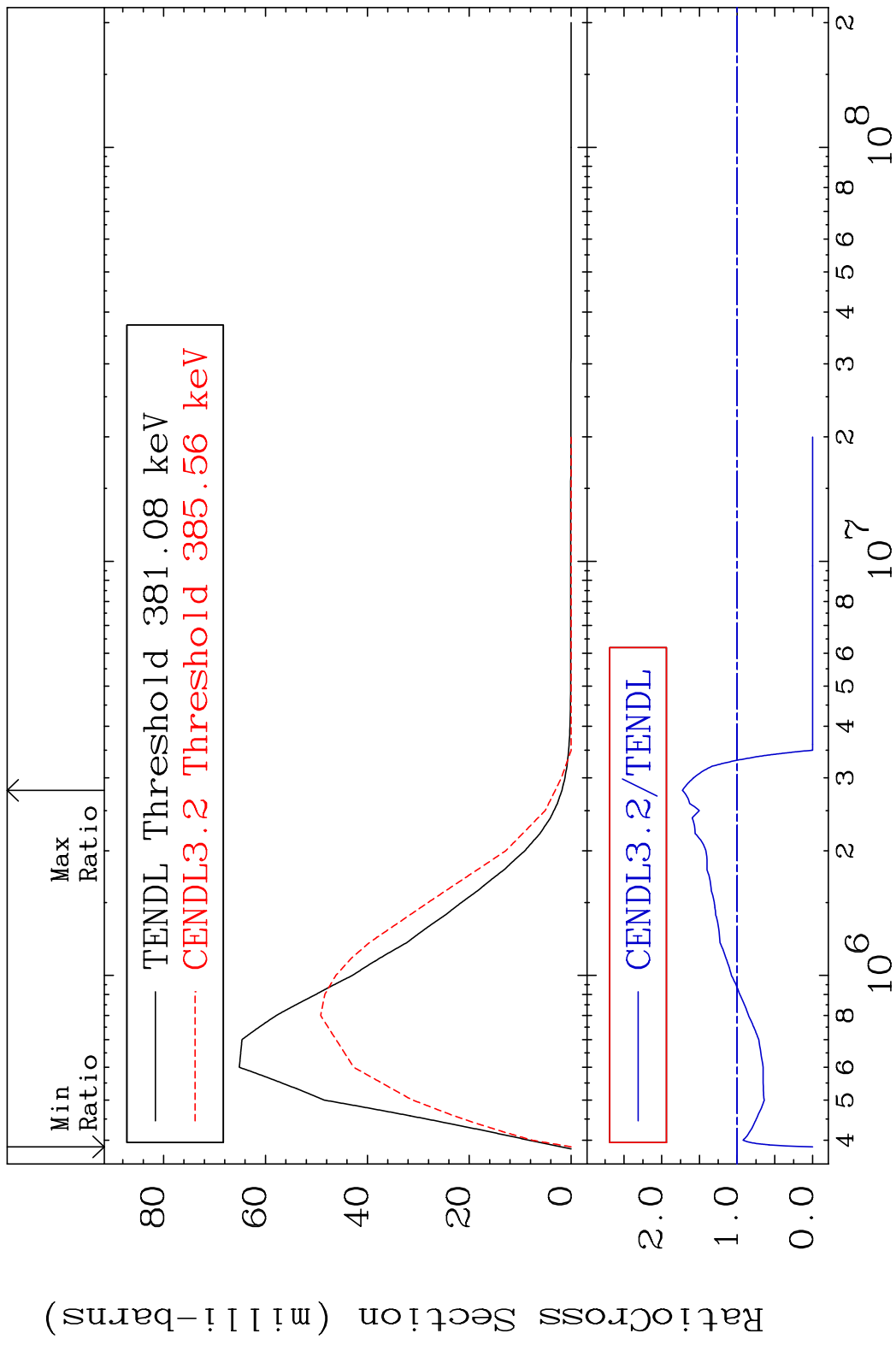
MAT 9852 MT= 57 (n,n') Level 98-Cf-249  
 Cross Section -100.0 To 69.35 %



MAT 9852      MT= 58 (n,n') Level      98-Cf-249  
 Cross Section    -100.0 To 1859. %

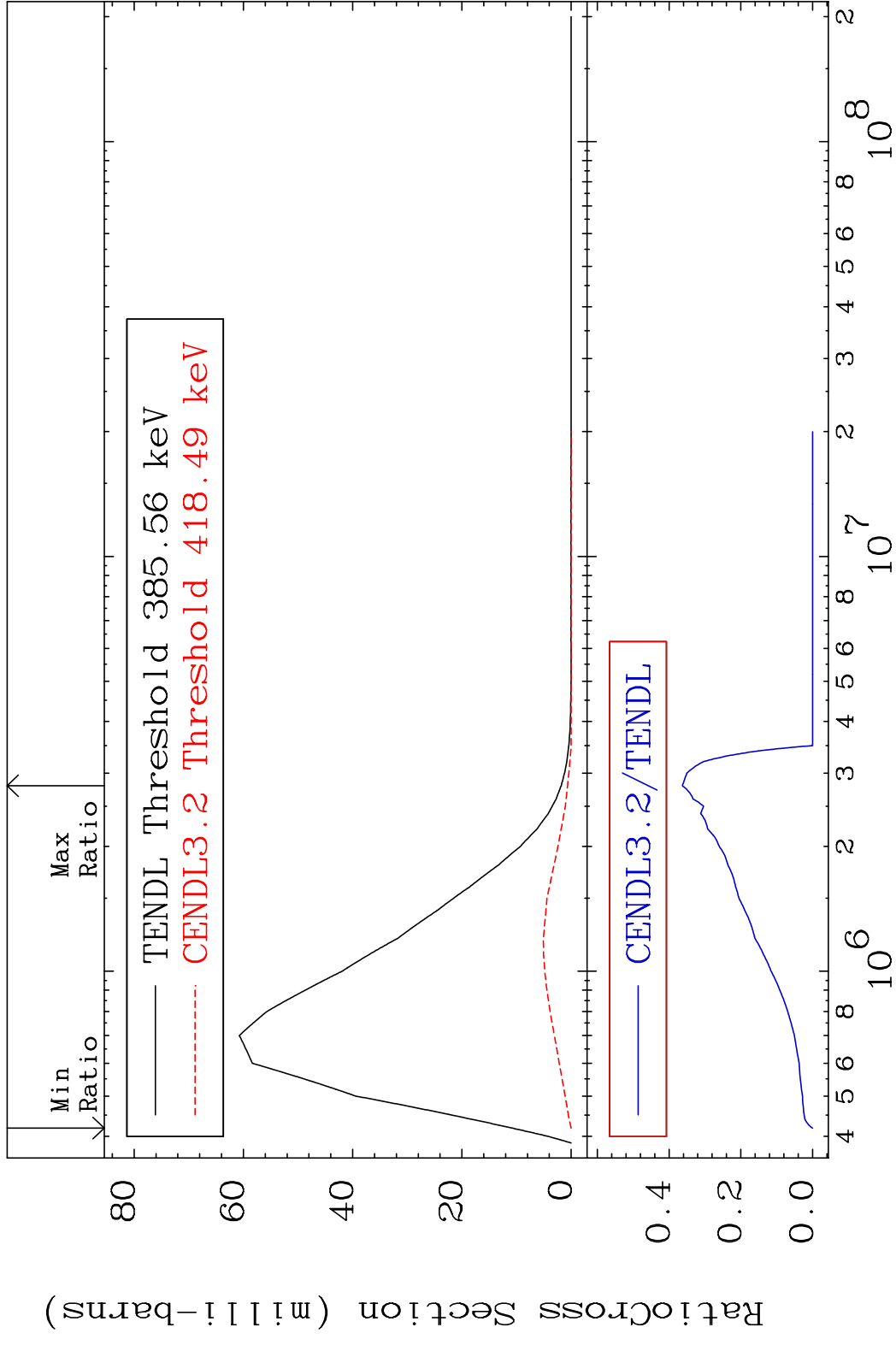


MAT 9852 MT= 59 (n,n') Level 98-Cf-249  
 Cross Section -100.0 To 72.67 %

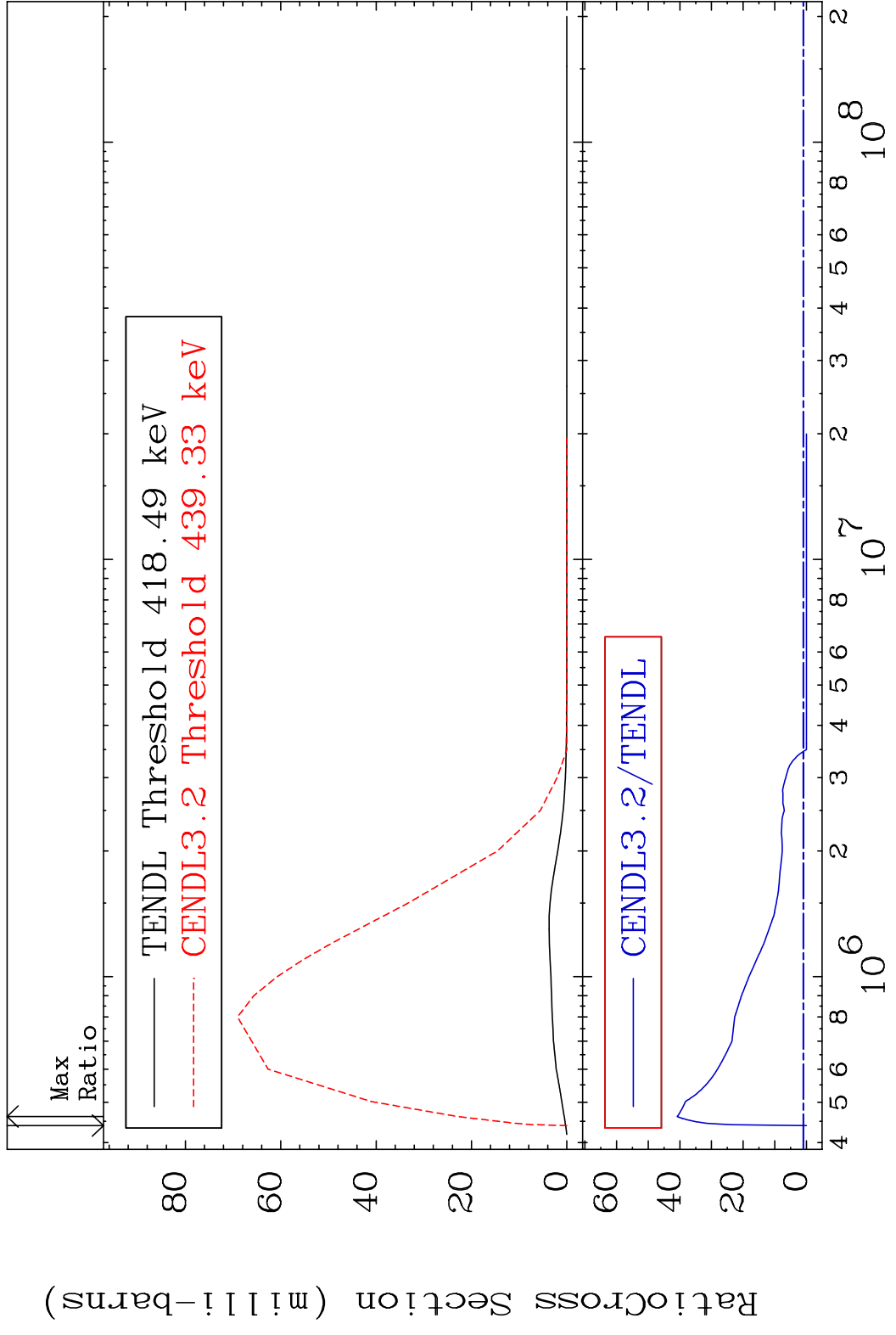




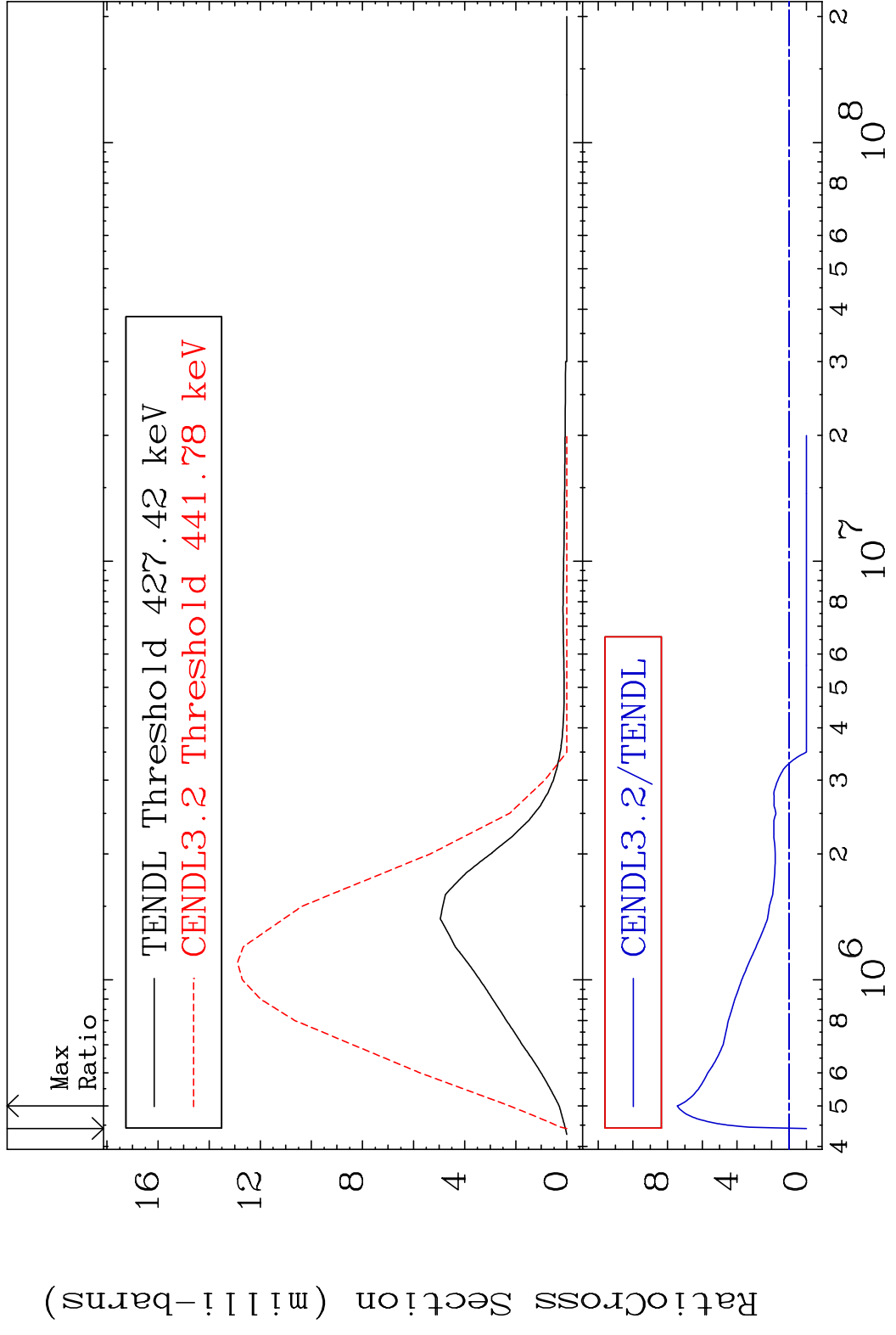
MAT 9852 MT= 60 (n, n') Level 98-Cf-249  
 Cross Section -100.0 To -63.70%



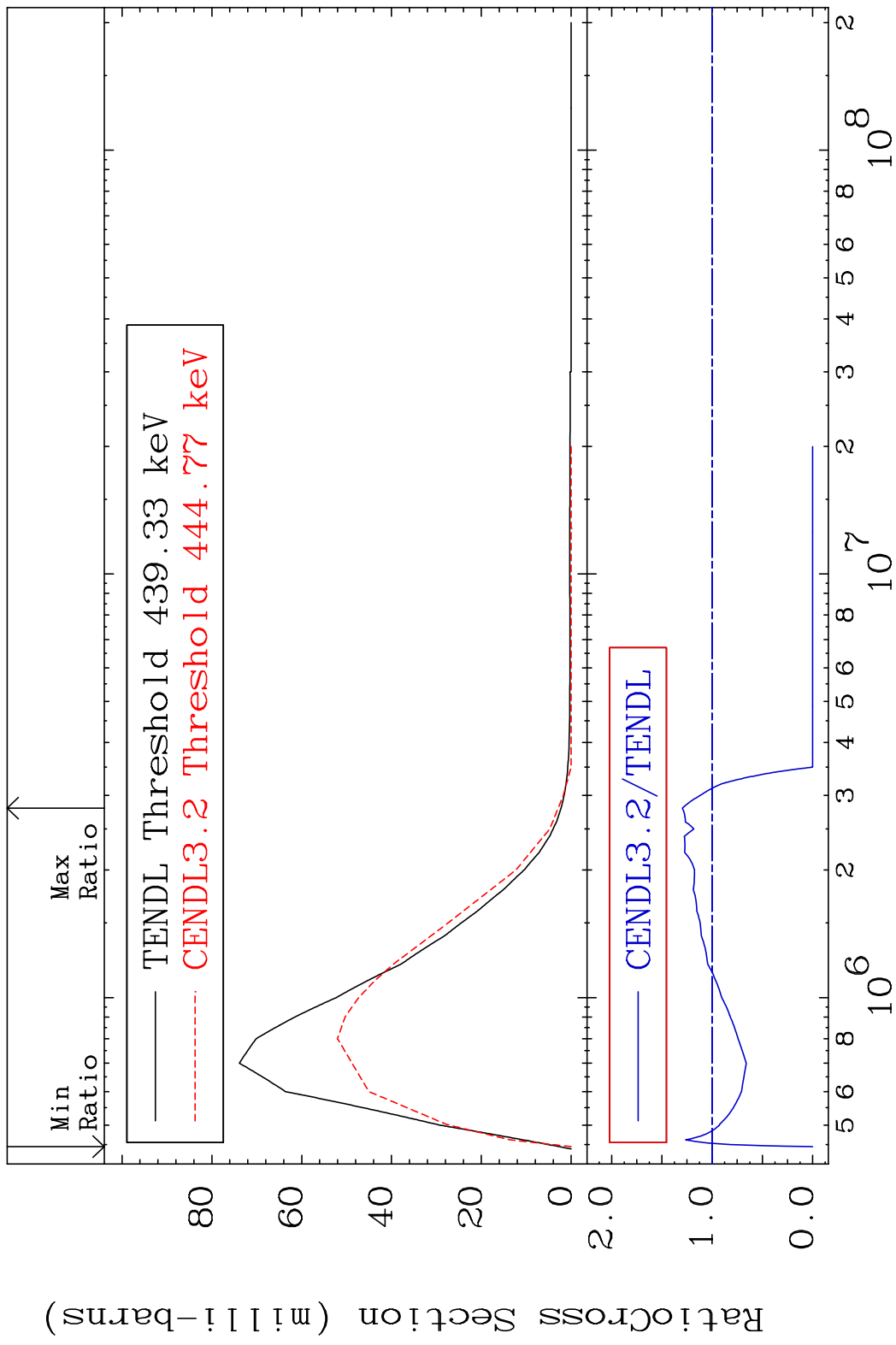
MAT 9852      MT= 61 (n,n') Level      98-Cf-249  
 Cross Section    -100.0 To 3985. %



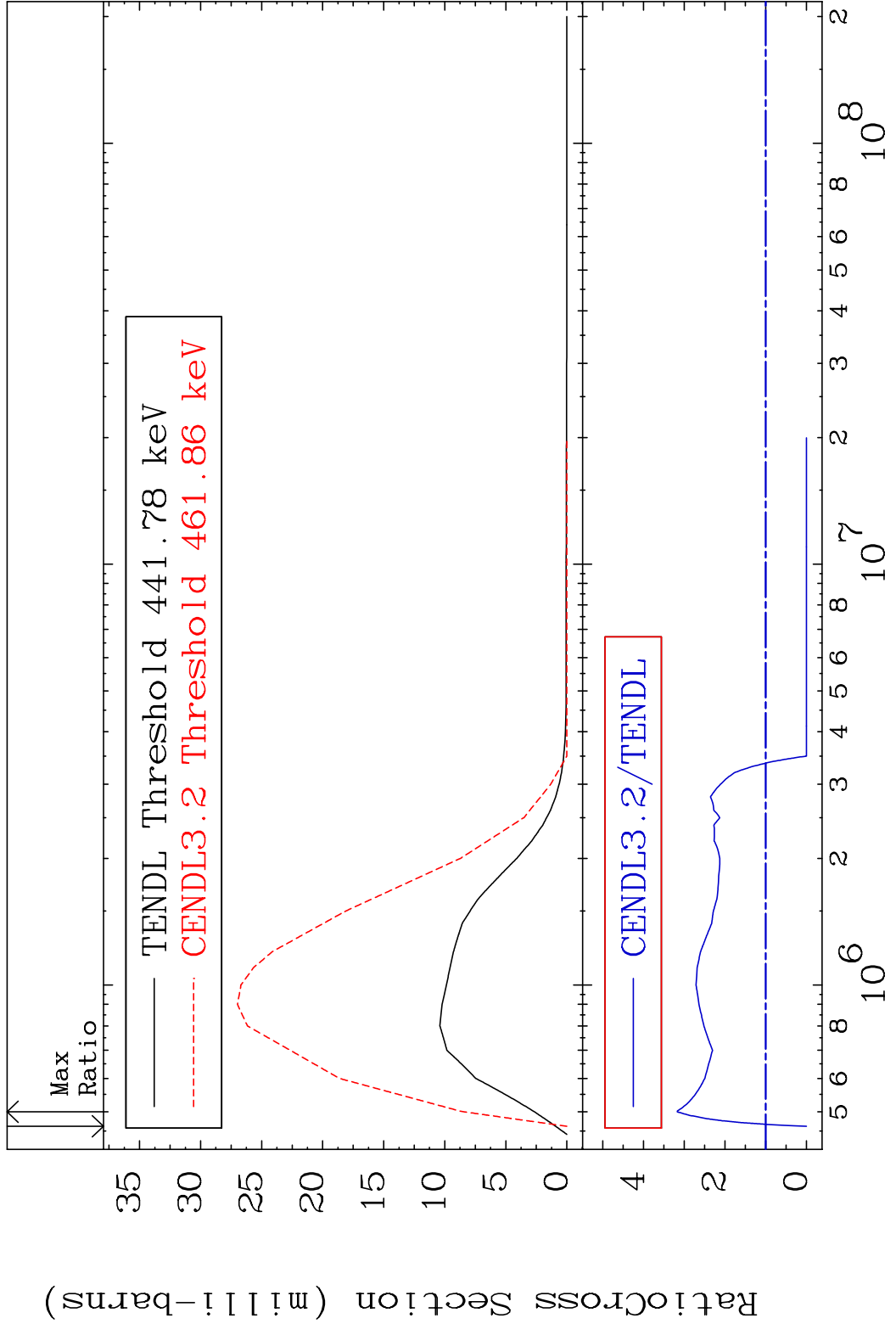
MAT 9852 MT= 62 (n,n') Level 98-Cf-249  
 Cross Section -100.0 To 644.6 %



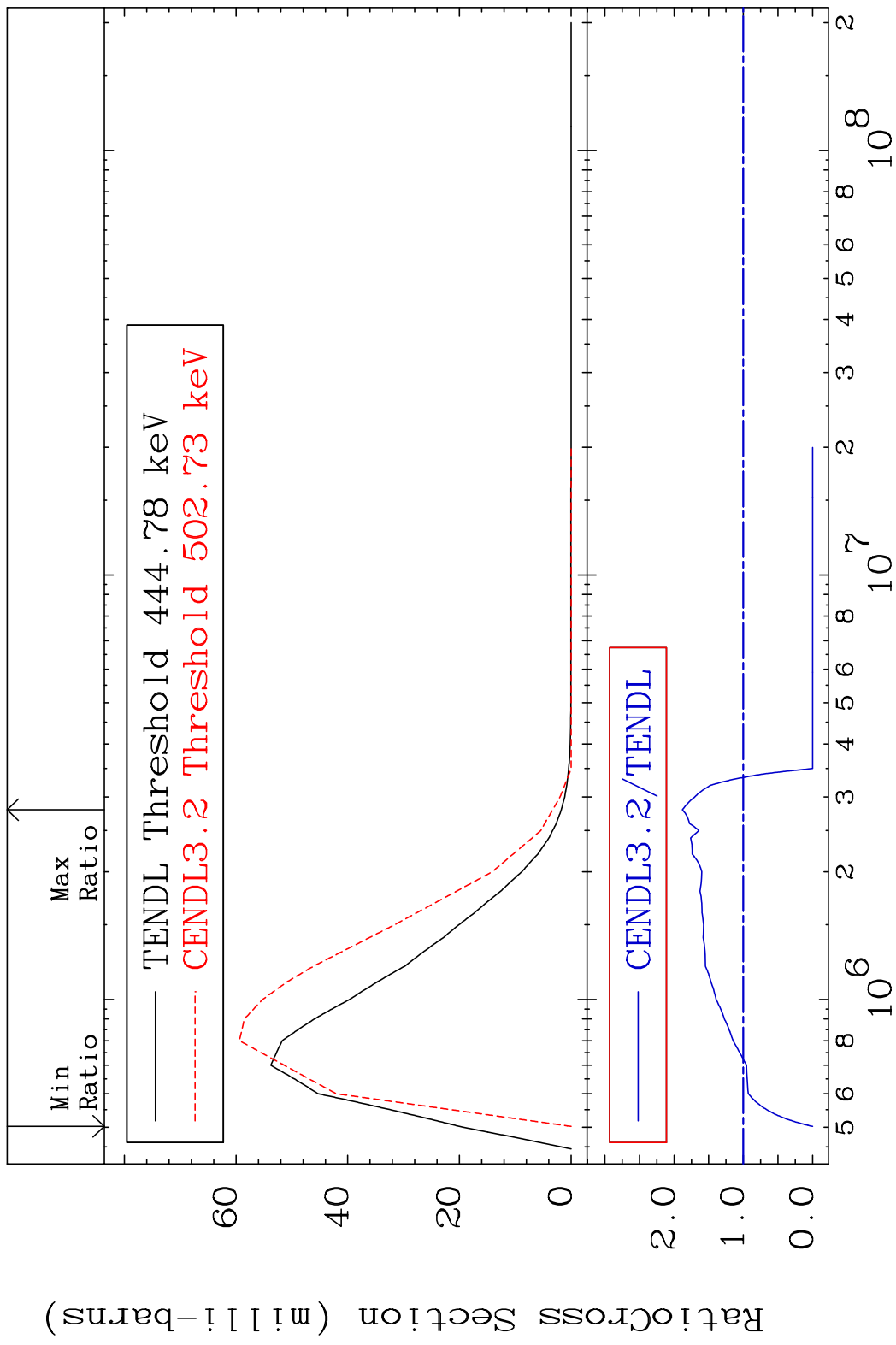
MAT 9852 MT= 63 (n, n') Level 98-Cf-249  
 Cross Section -100.0 To 29.64 %



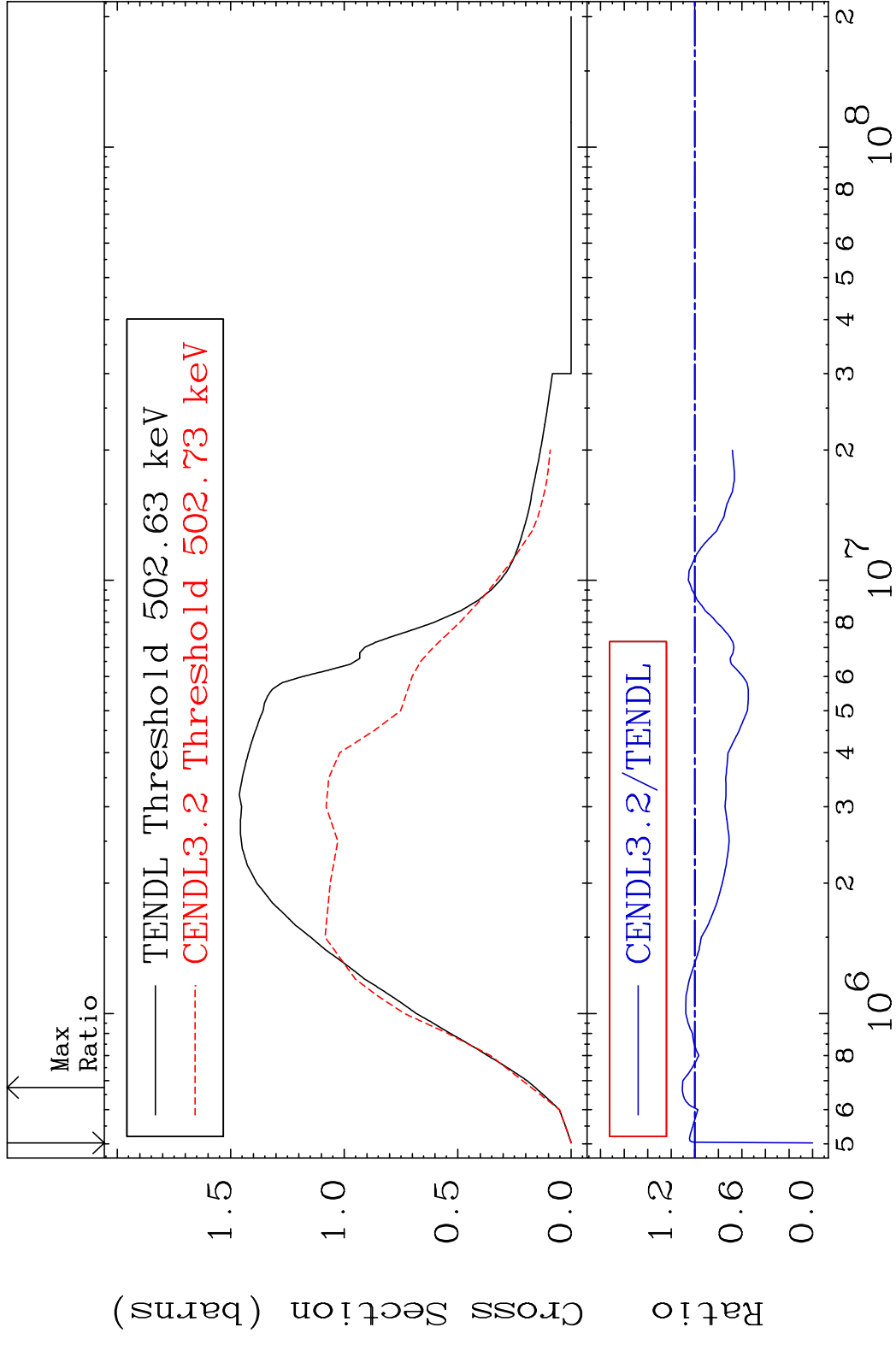
MAT 9852      MT= 64 (n,n') Level      98-Cf-249  
 Cross Section    -100.0 To 217.1 %



MAT 9852 MT= 65 (n,n') Level 98-Cf-249  
 Cross Section -100.0 To 88.09 %



MAT 9852 (n,n') Continuum 98-Cf-249  
 Cross Section -100.0 To 10.58 %

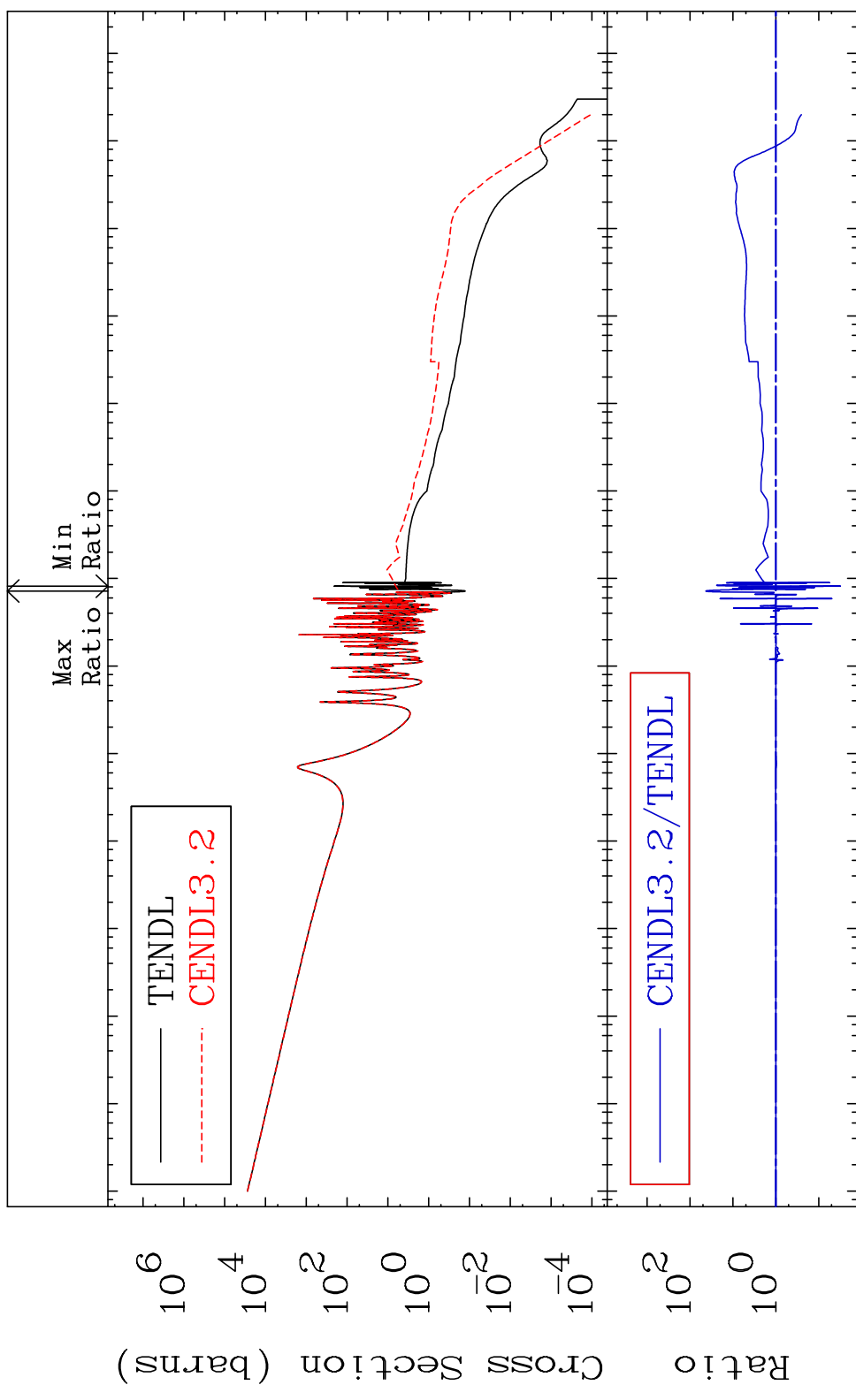


MAT 9852

(n,  $\gamma$ )

98-Cf-249

Cross Section -96.89 To 4193. %



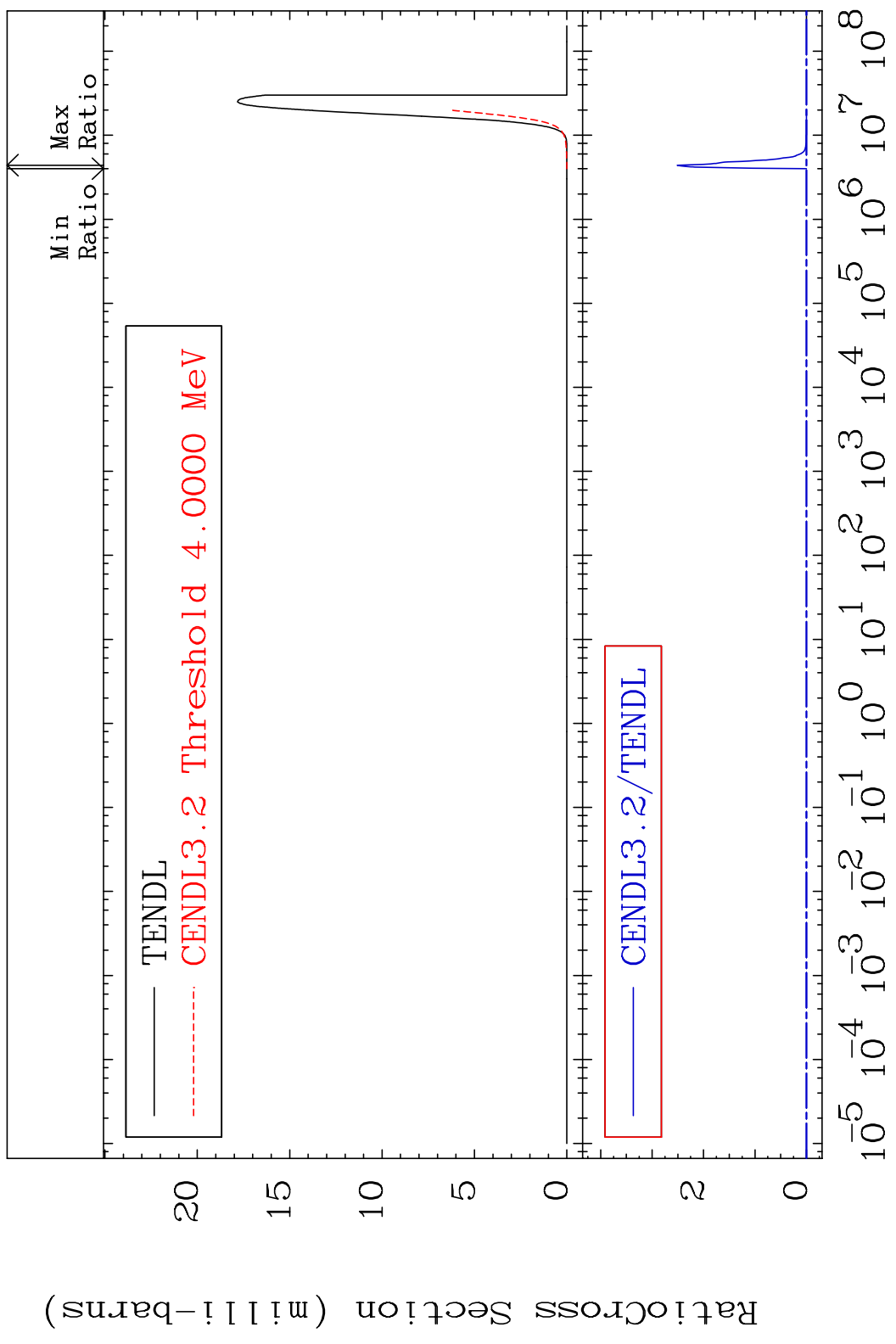


MAT 9852

(n, p)

98-Cf-249

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

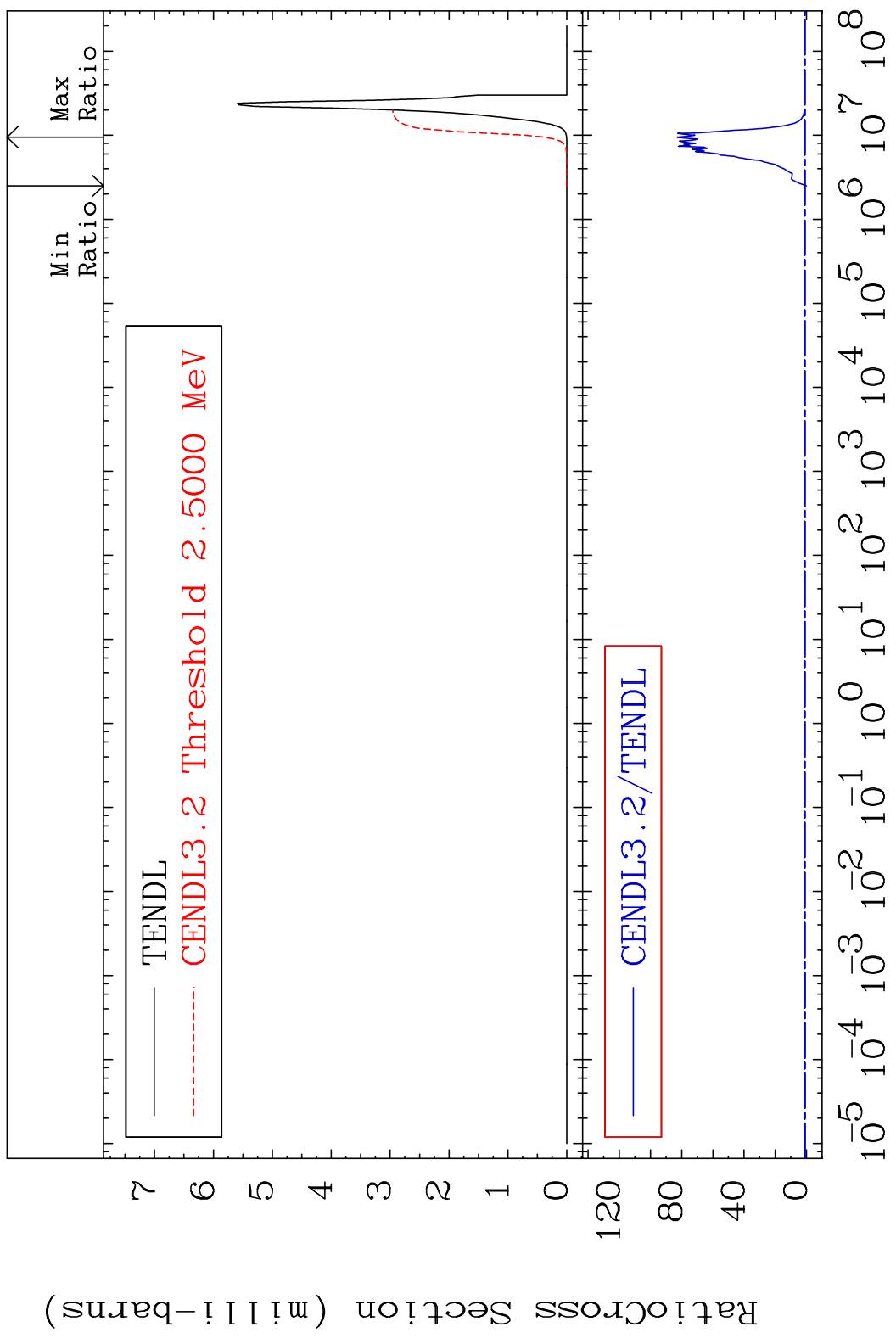
98-Cf-249

MAT 9852

(n,  $\alpha$ )

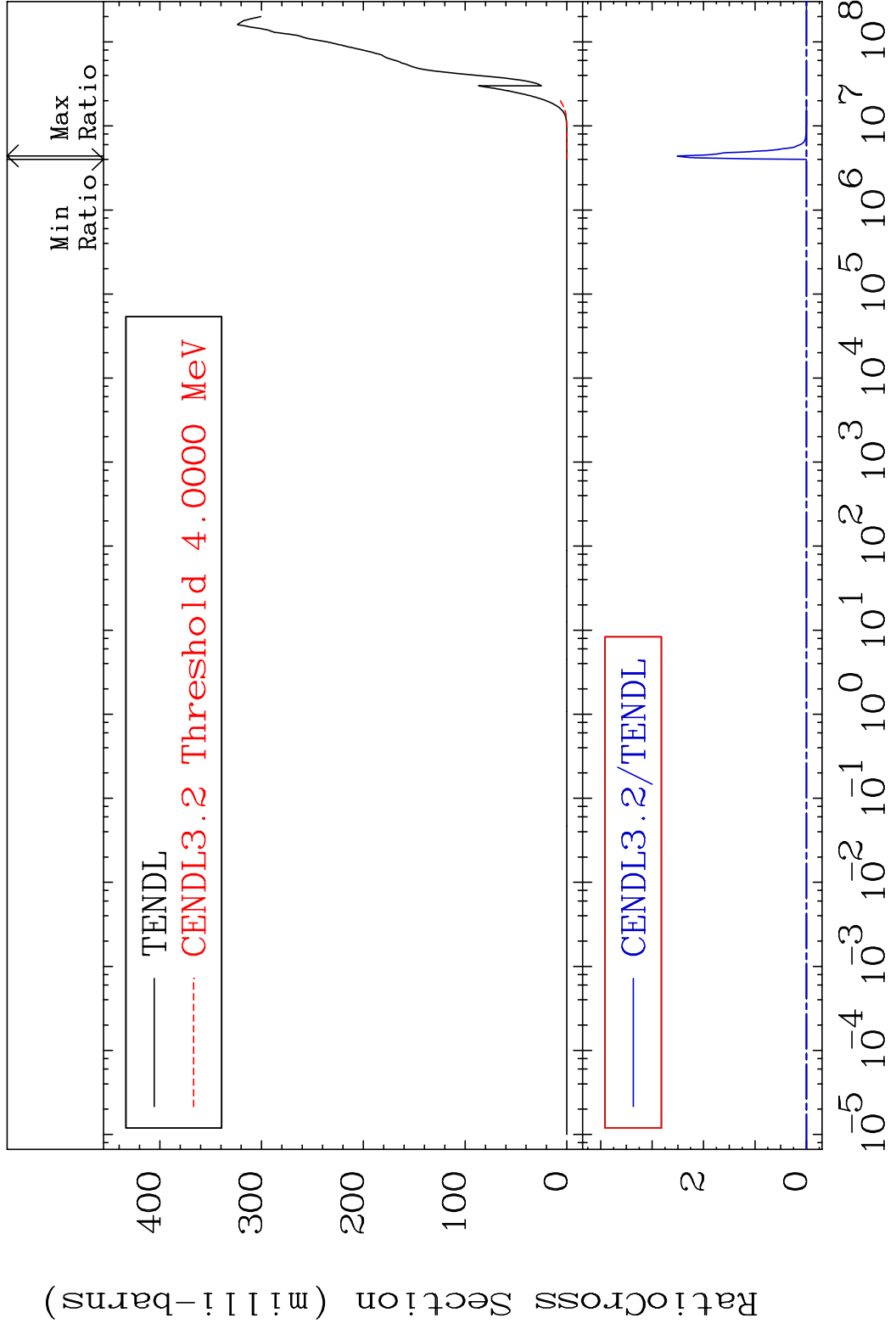
98-Cf-249

Cross Section -100.0 To 8189. %



MAT 9852

Hydrogen Production 98-Cf-249  
Cross Section -100.0 To 9999. %

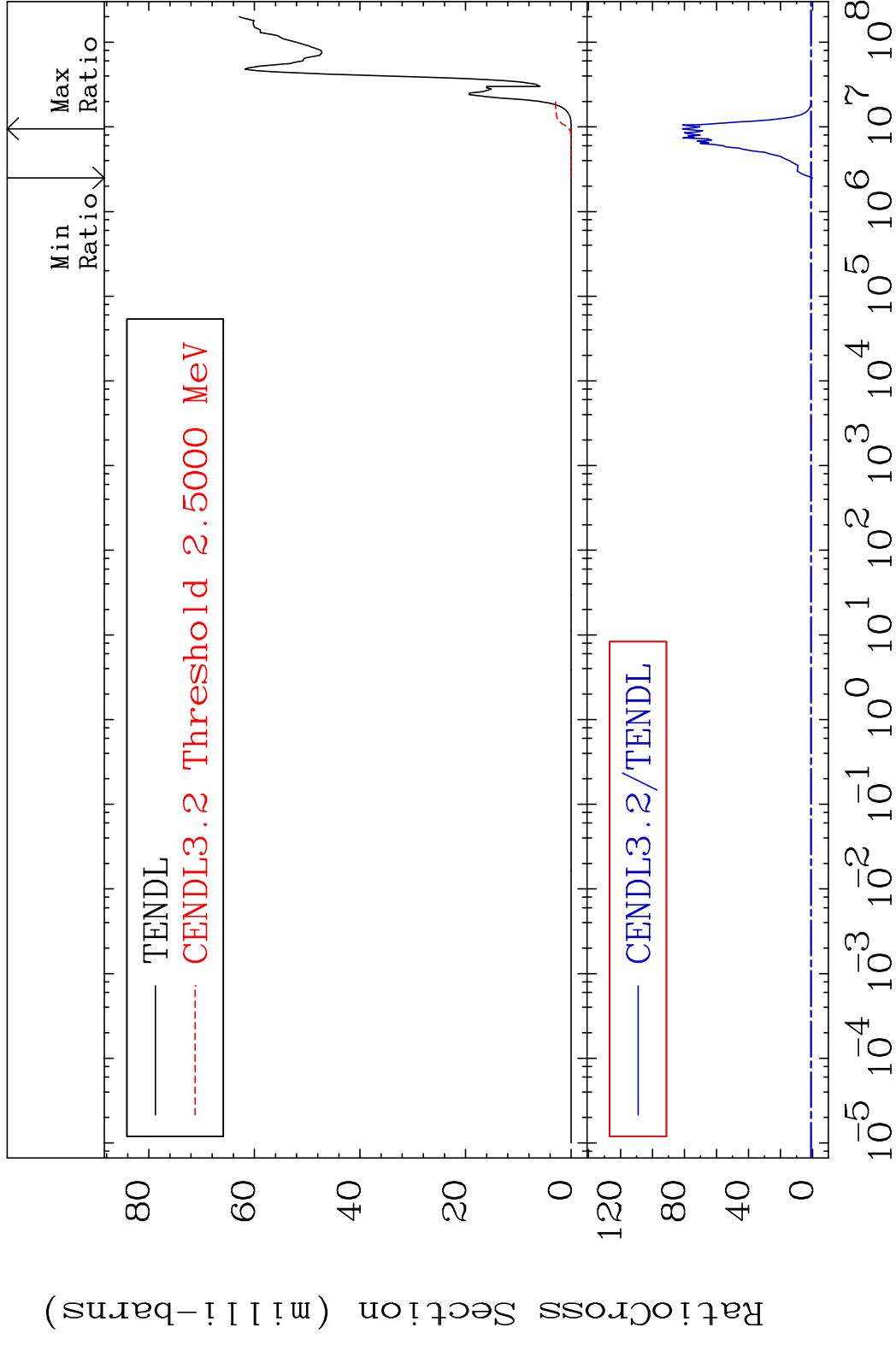


MAT 9852

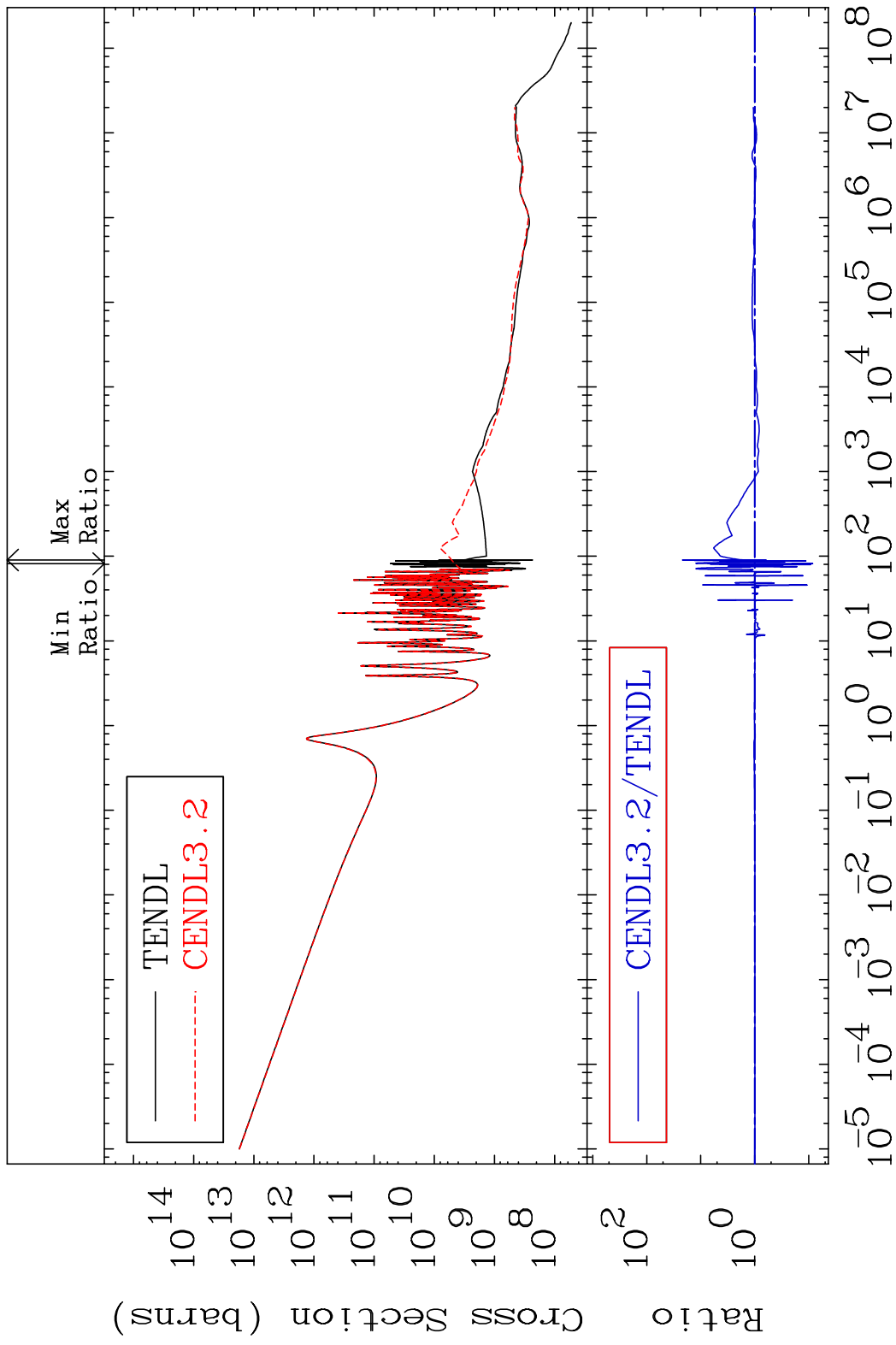
He-4 Production

98-Cf-249

Cross Section -100.0 To 8035. %



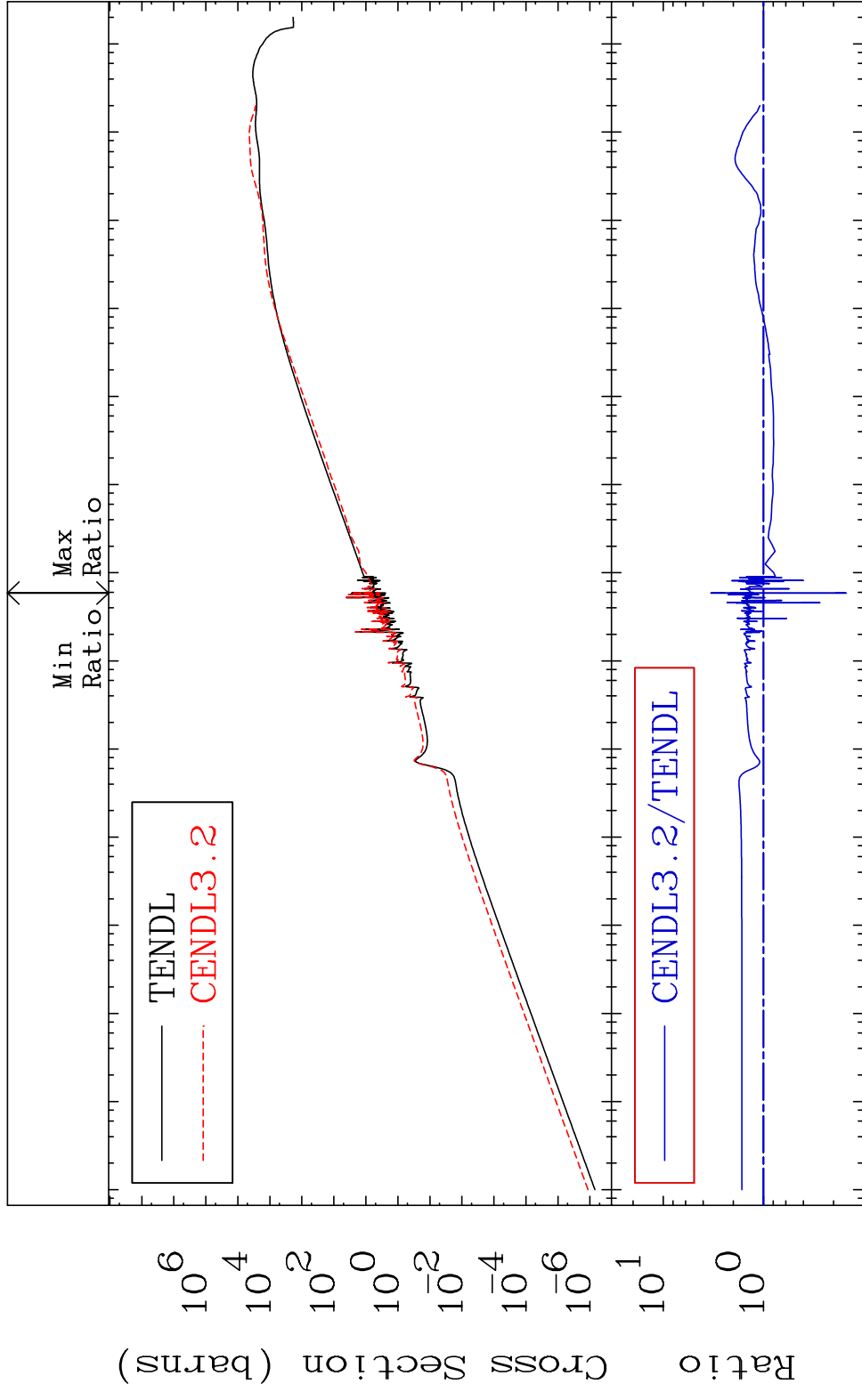
MAT 9852 Kerma total (eV-barns) 98-Cf-249  
 Cross Section -91.49 To 2089. %



MAT 9852

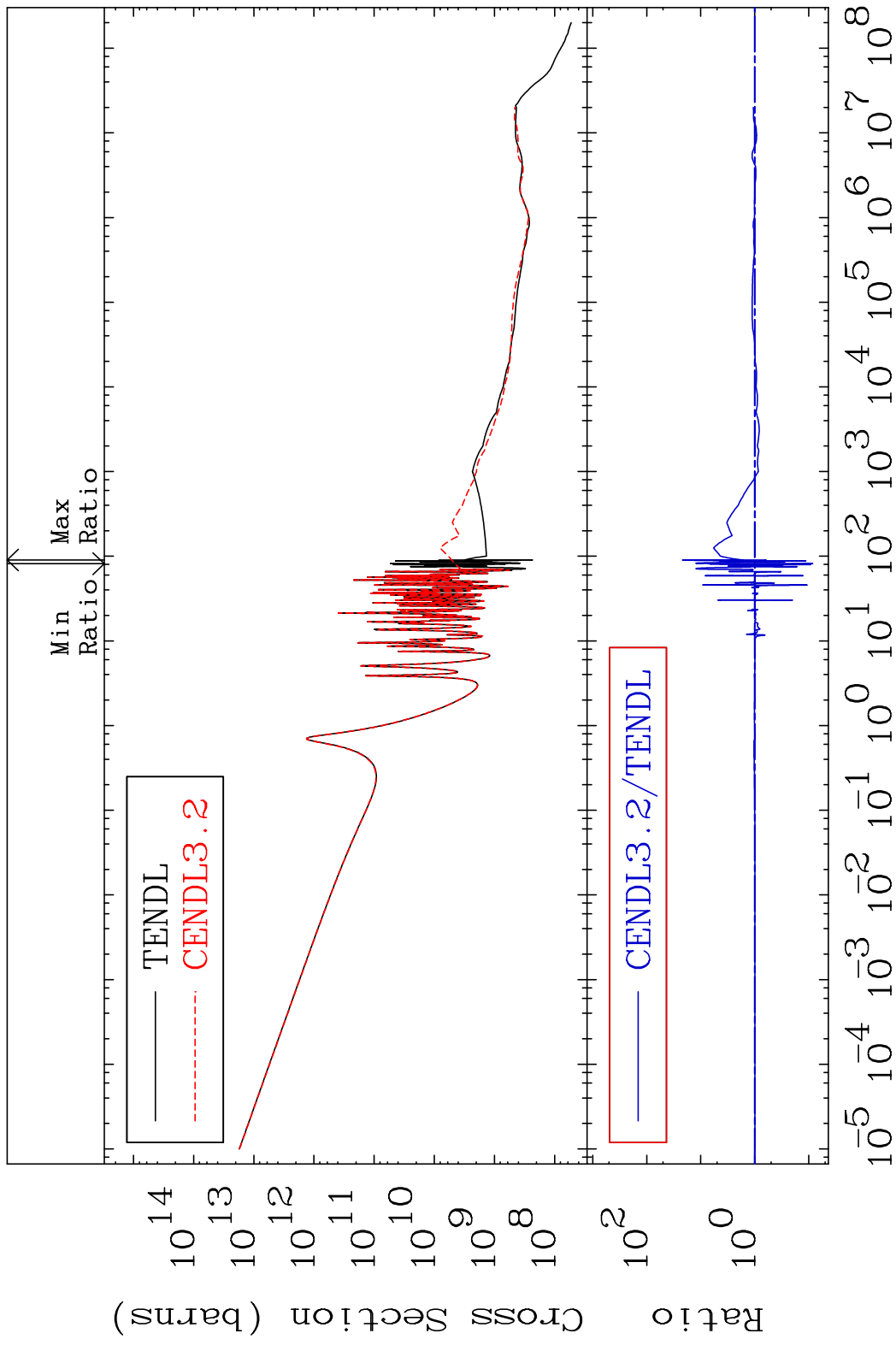
Kerma elastic  
Cross Section -85.11 To 236.1 %

98-Cf-249

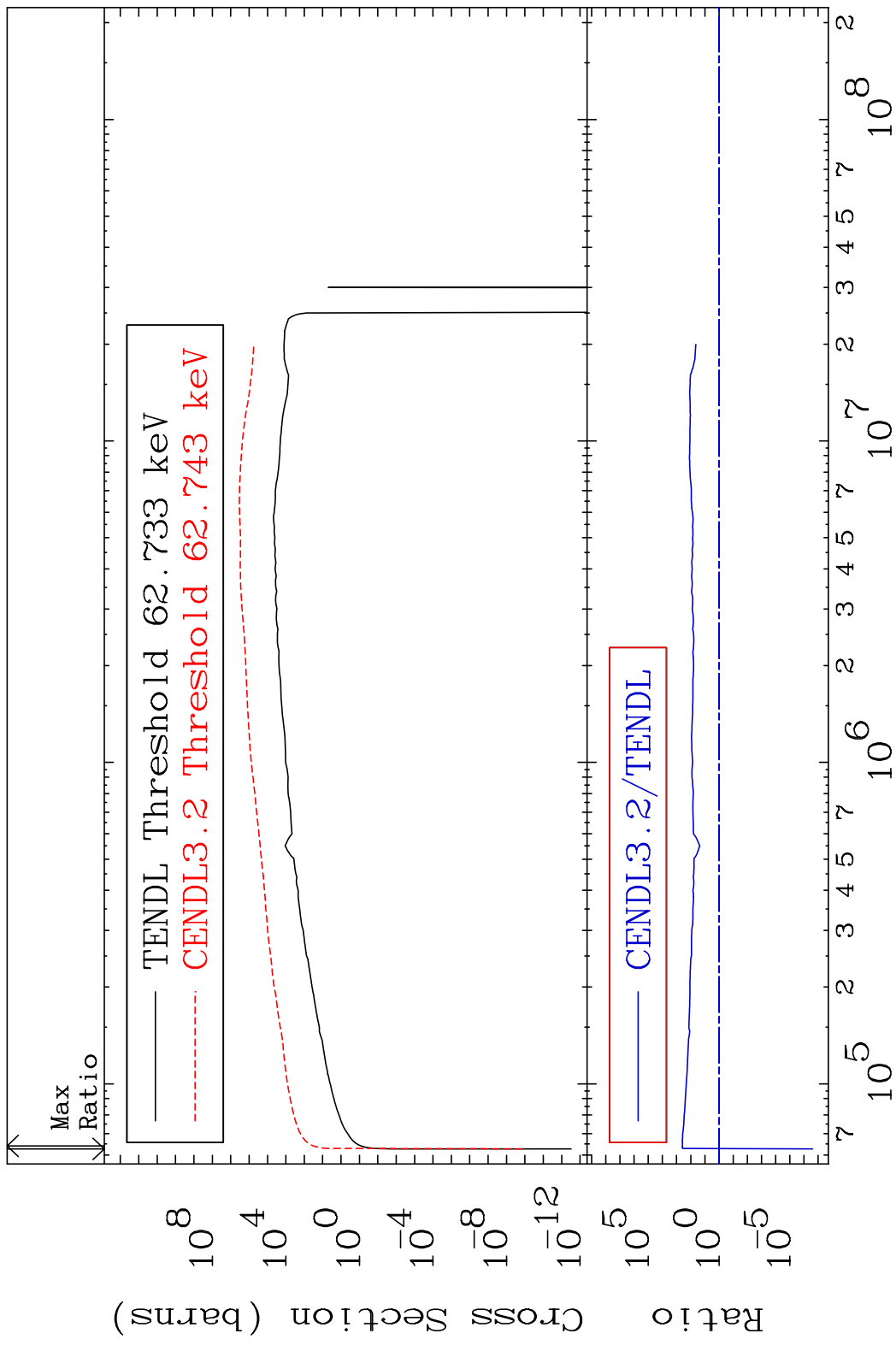


Incident Energy (eV) 98-Cf-249

MAT 9852 Kerma non-elastic (all but mt2) 98-Cf-249  
 Cross Section -91.49 To 2089. %

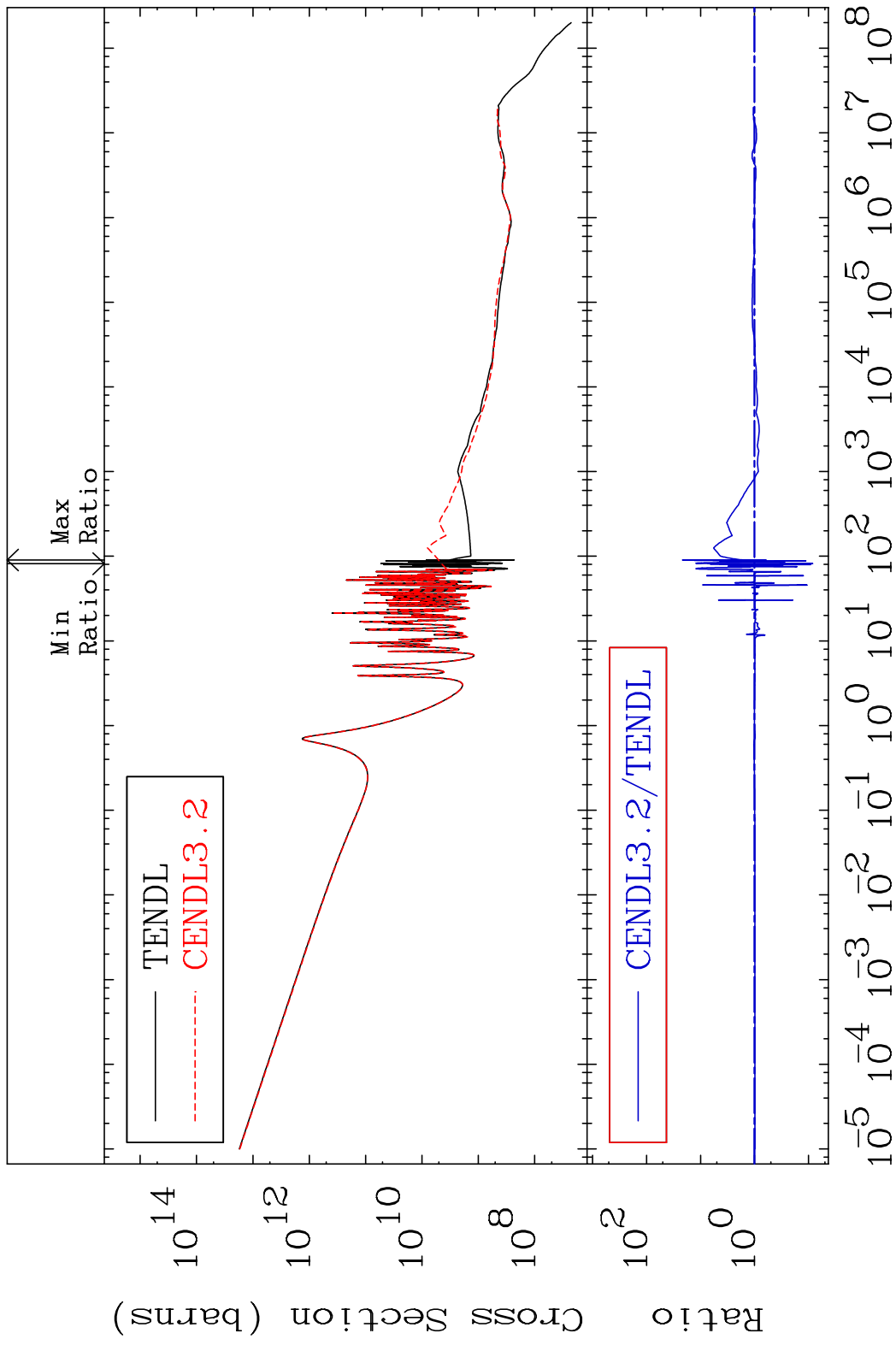


MAT 9852 Kerma inelastic (mt51-91) 98-Cf-249  
 Cross Section -100.0 To 9999. %

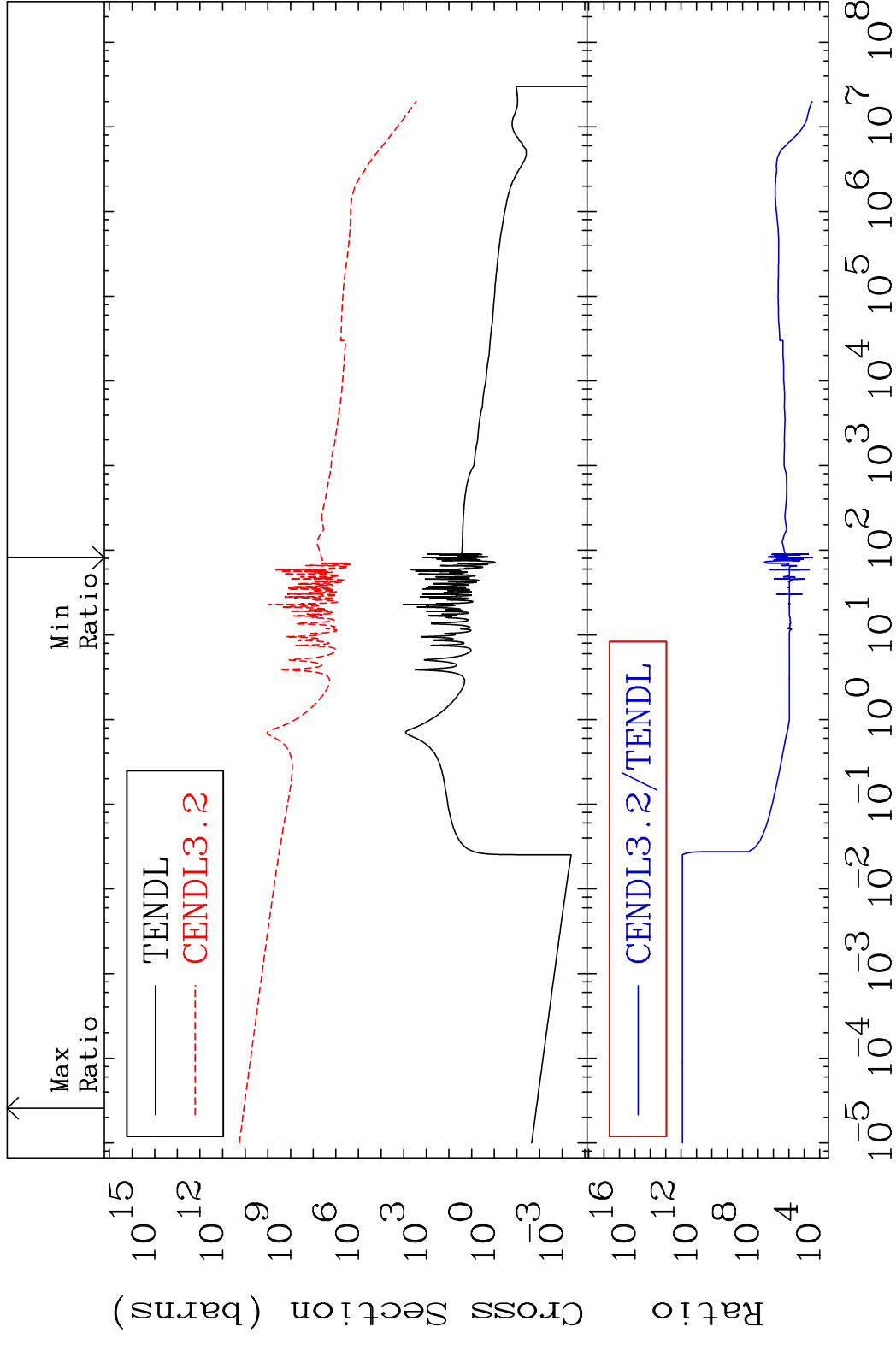




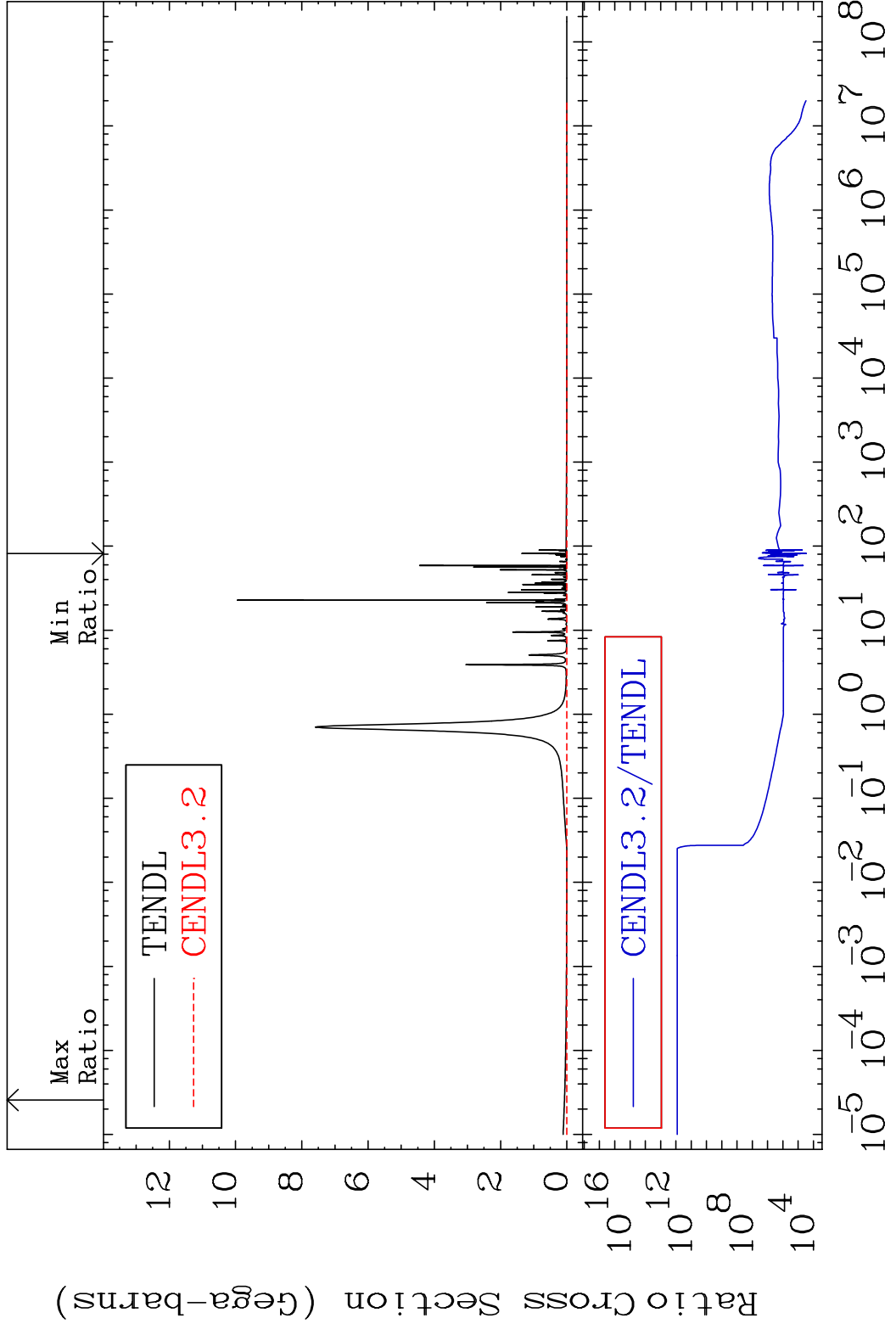
MAT 9852 Kerma fission (mt18 or mt19-20-21-38) 98-Cf-249  
 Cross Section -91.56 To 2069. %



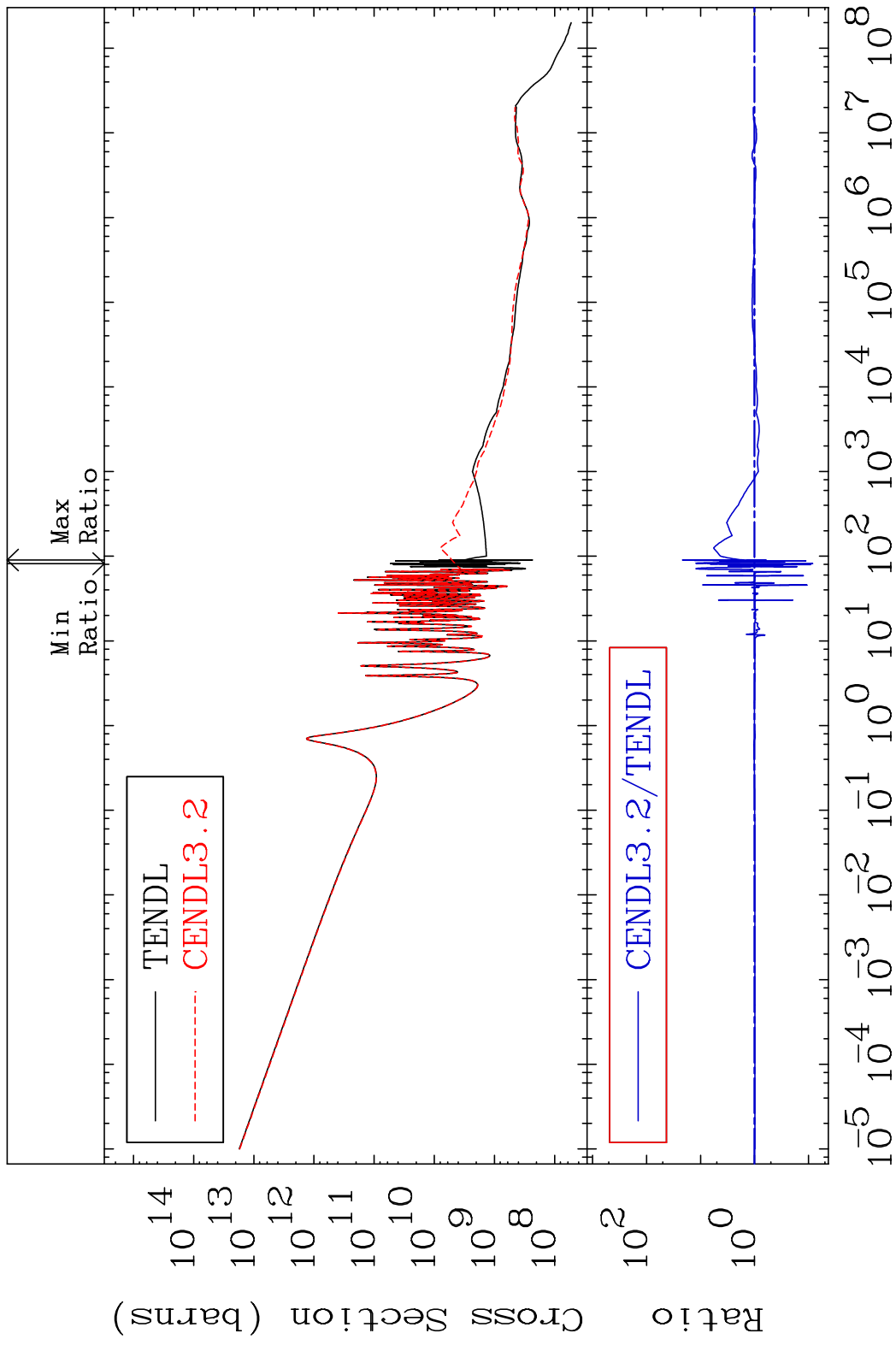
MAT 9852 Kerma capture (mt102) 98-Cf-249  
 Cross Section 9999. To 9999. %



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 -91.56 To 2069. %

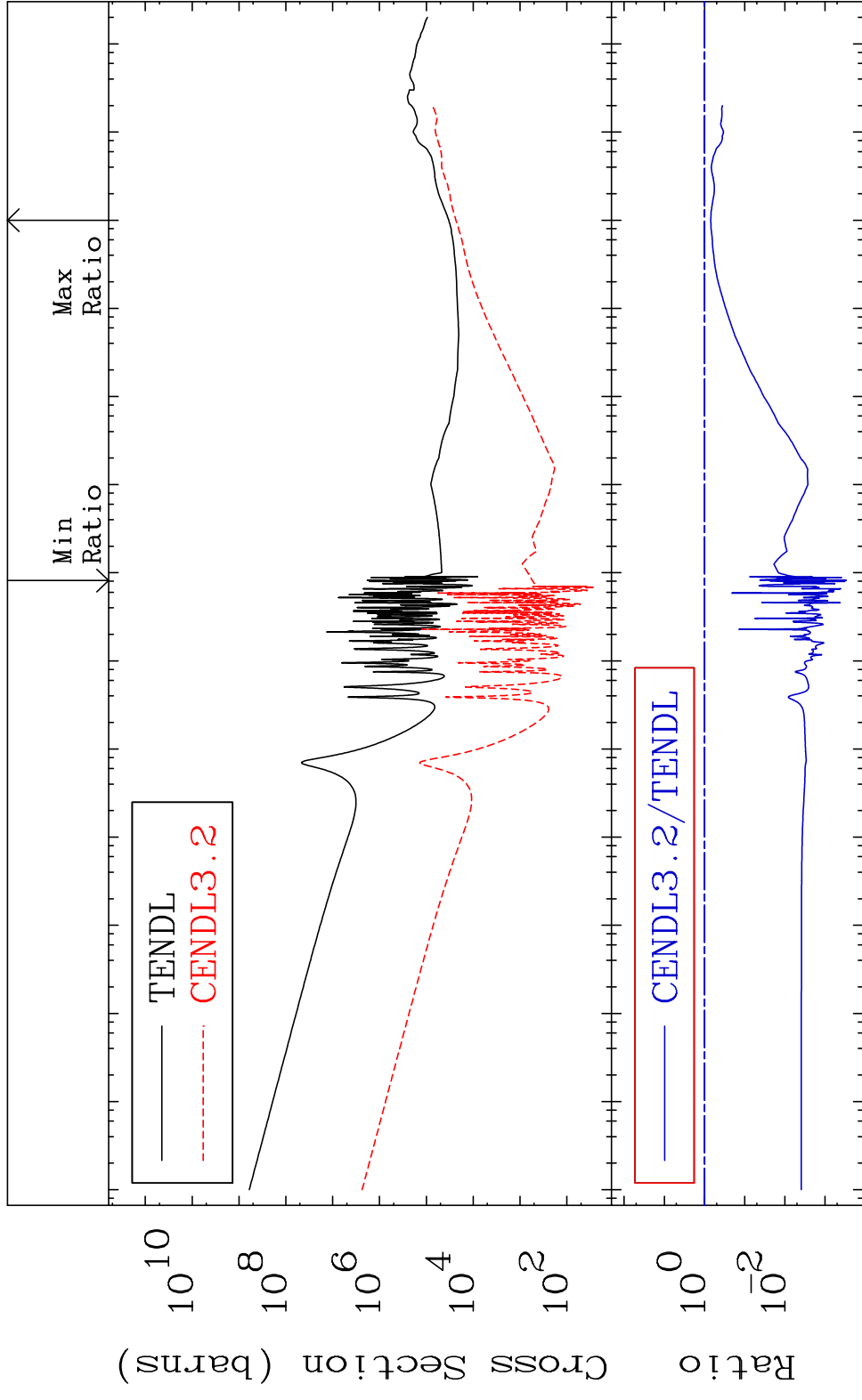


MAT 9852

Dpa total (eV-barns)

98-Cf-249

Cross Section -99.97 To -29.89%

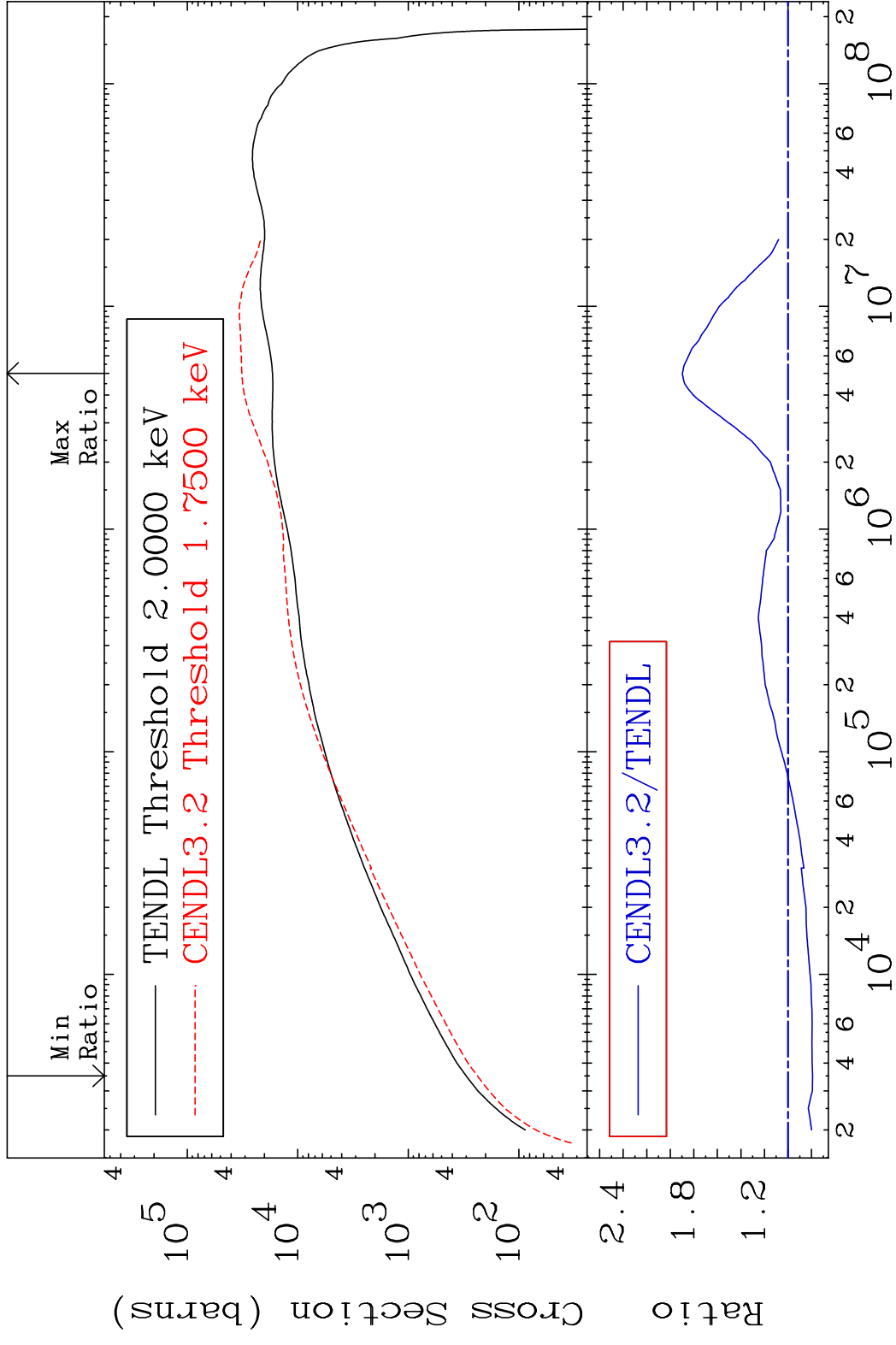


MAT 9852

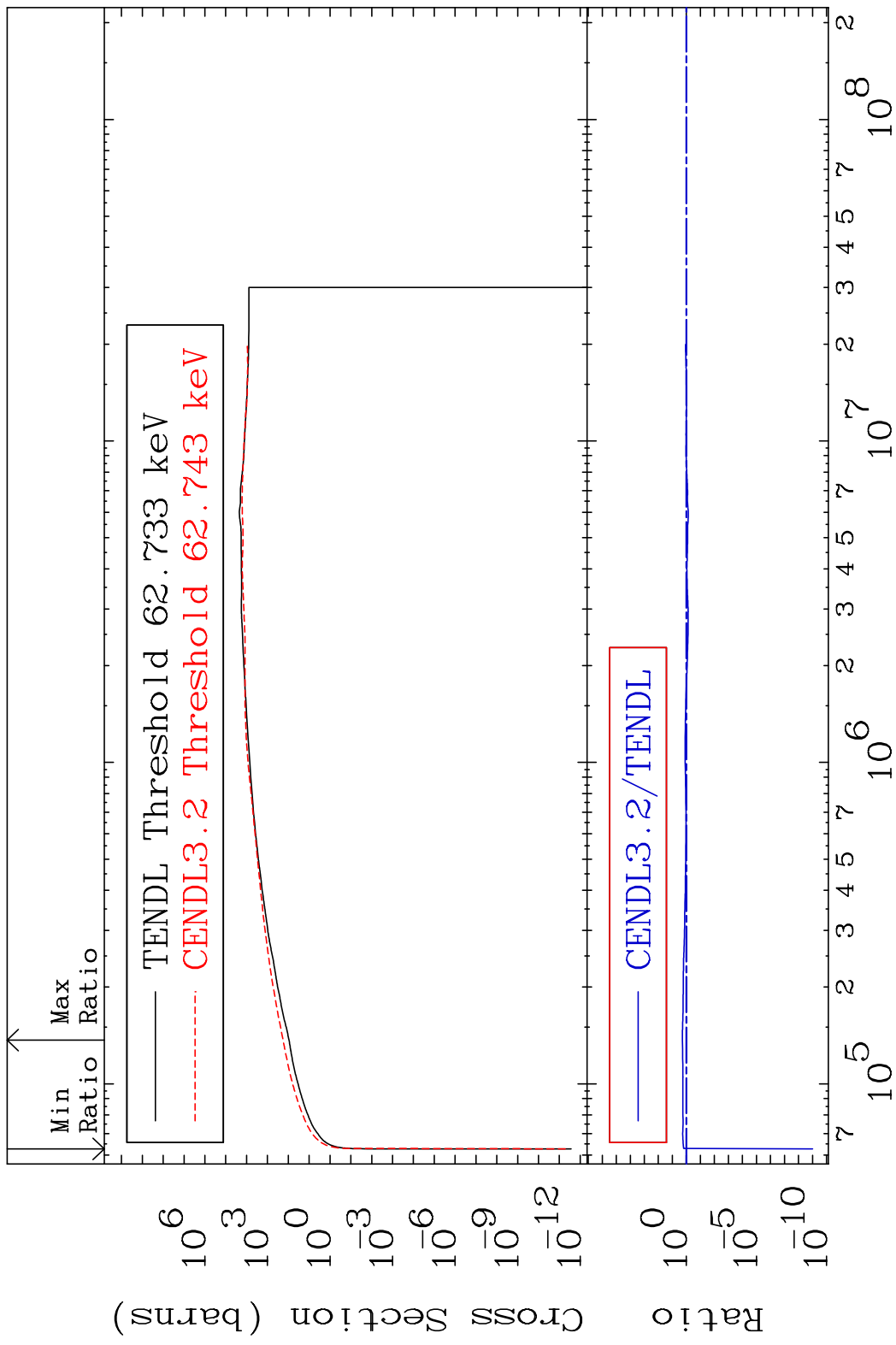
Dpa elastic (mt2)

98-Cf-249

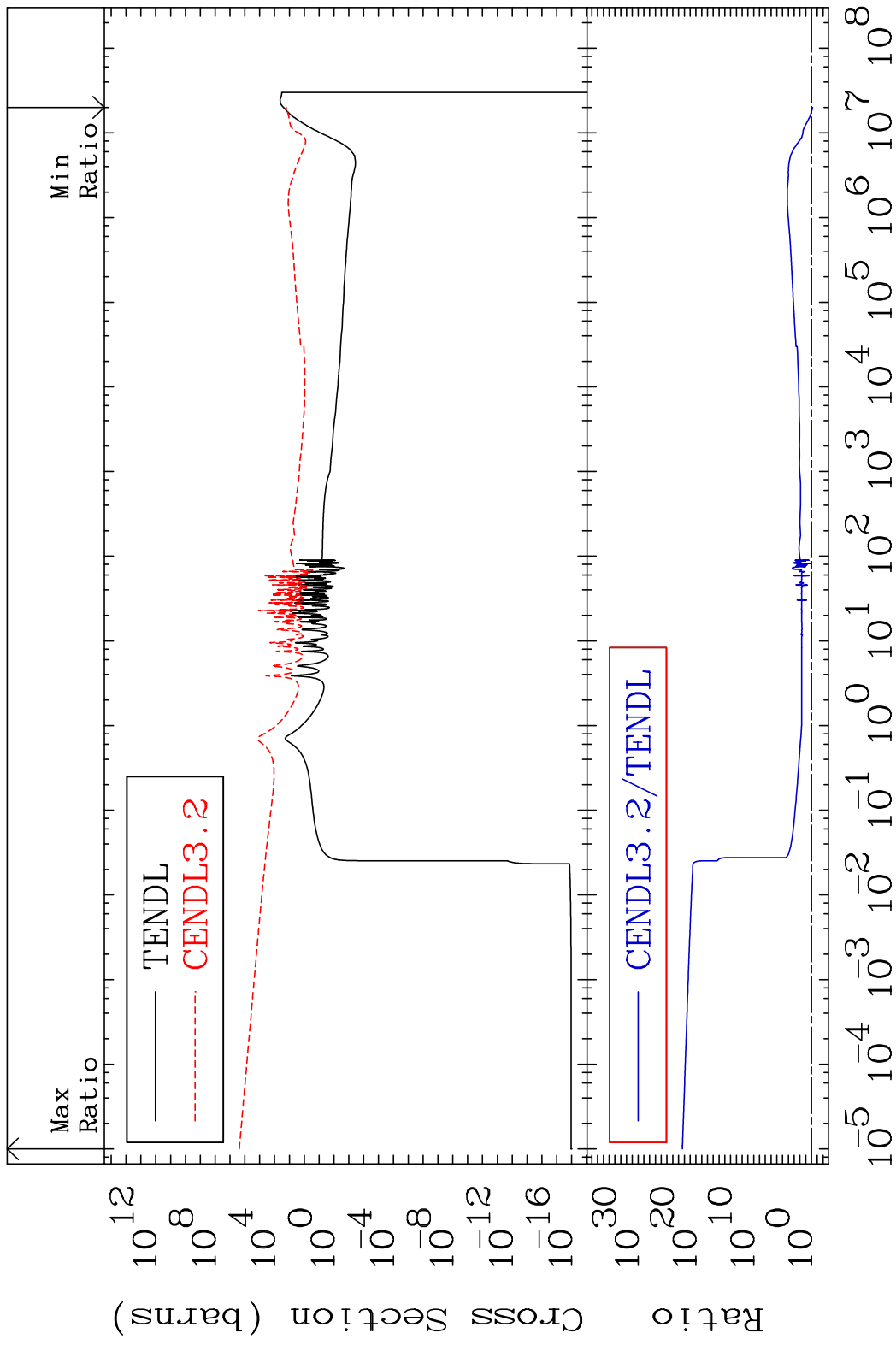
Cross Section -20.88 To 89.74 %



MAT 9852      Dpa inelastic (mt51-91)      98-Cf-249  
 Cross Section      -100.0 To 93.31 %



MAT 9852 Dpa disappearance (mt102 -120) 98-Cf-249  
 Cross Section -34.69 To 9999. %



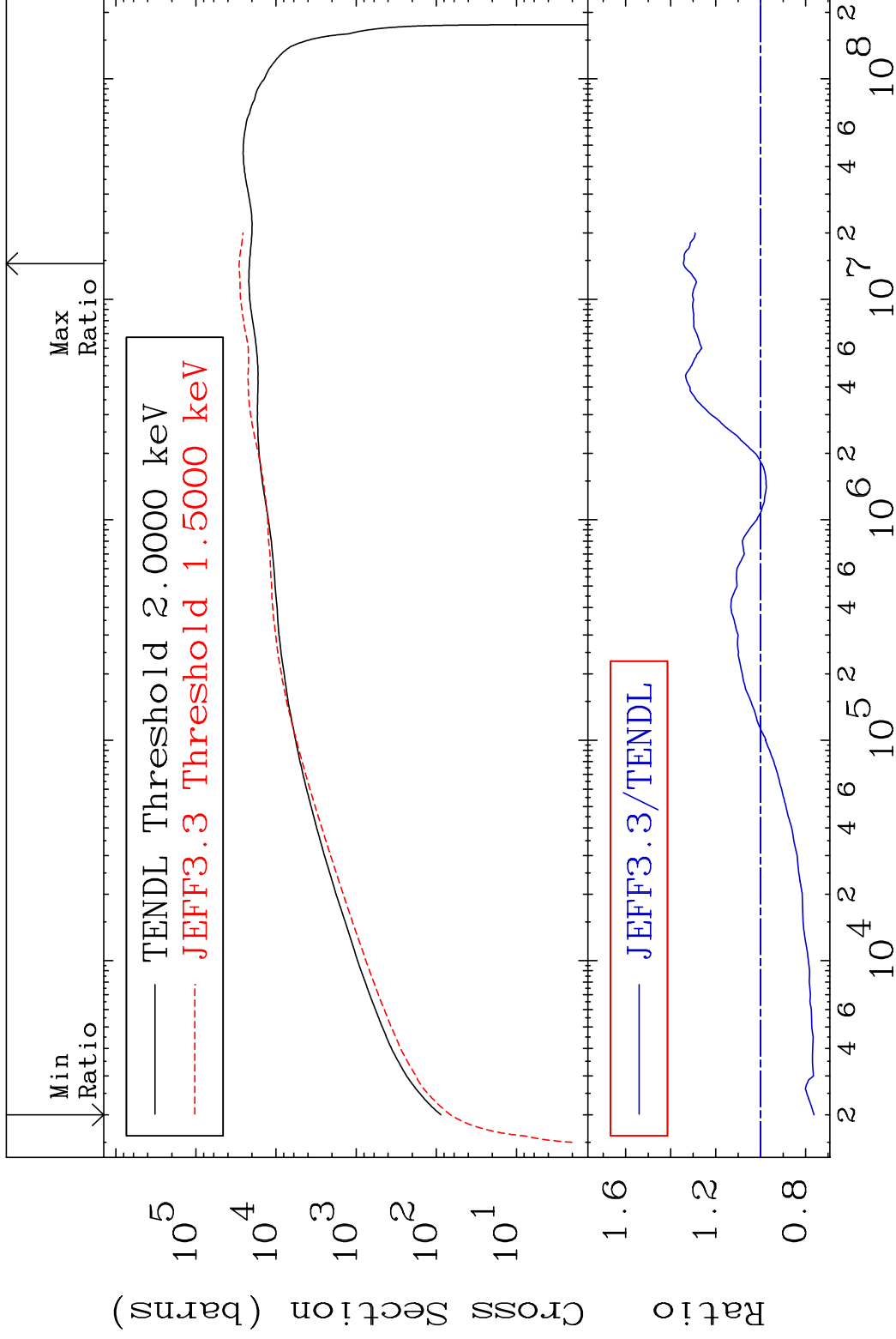


MAT 9852

Dpa elastic (mt2)

98-Cf-249

Cross Section -23.74 To 34.31 %

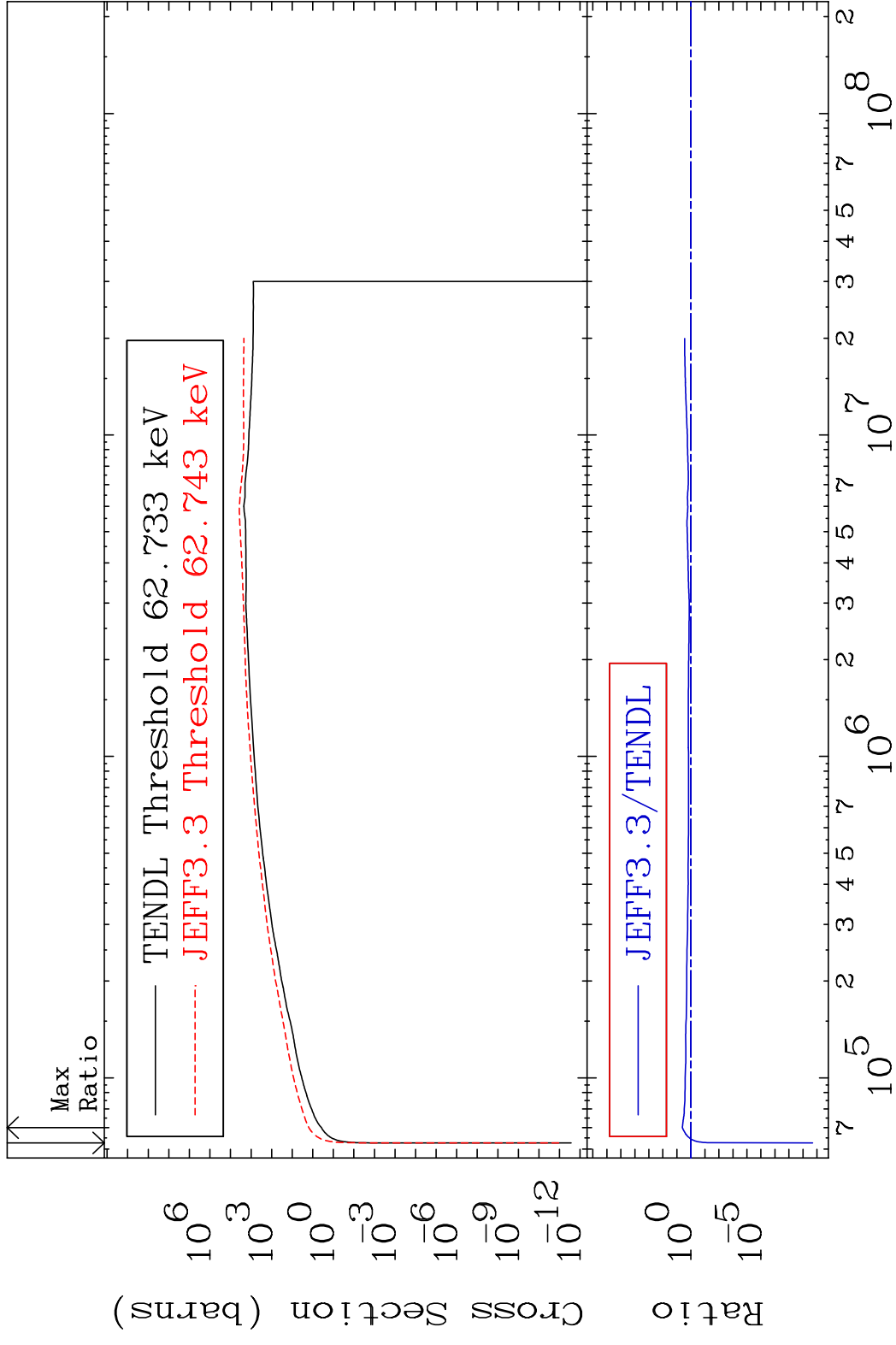


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Incident Energy (eV)

98-Cf-249

MAT 9852      Dpa inelastic (mt51-91)      98-Cf-249  
 Cross Section      -100.0 To 306.7 %



MAT 9852 Dpa disappearance (mt102 -120) 98-Cf-249  
 Cross Section -100.0 To 9999. %

