

Program Complot
(Version 2021-1)

by

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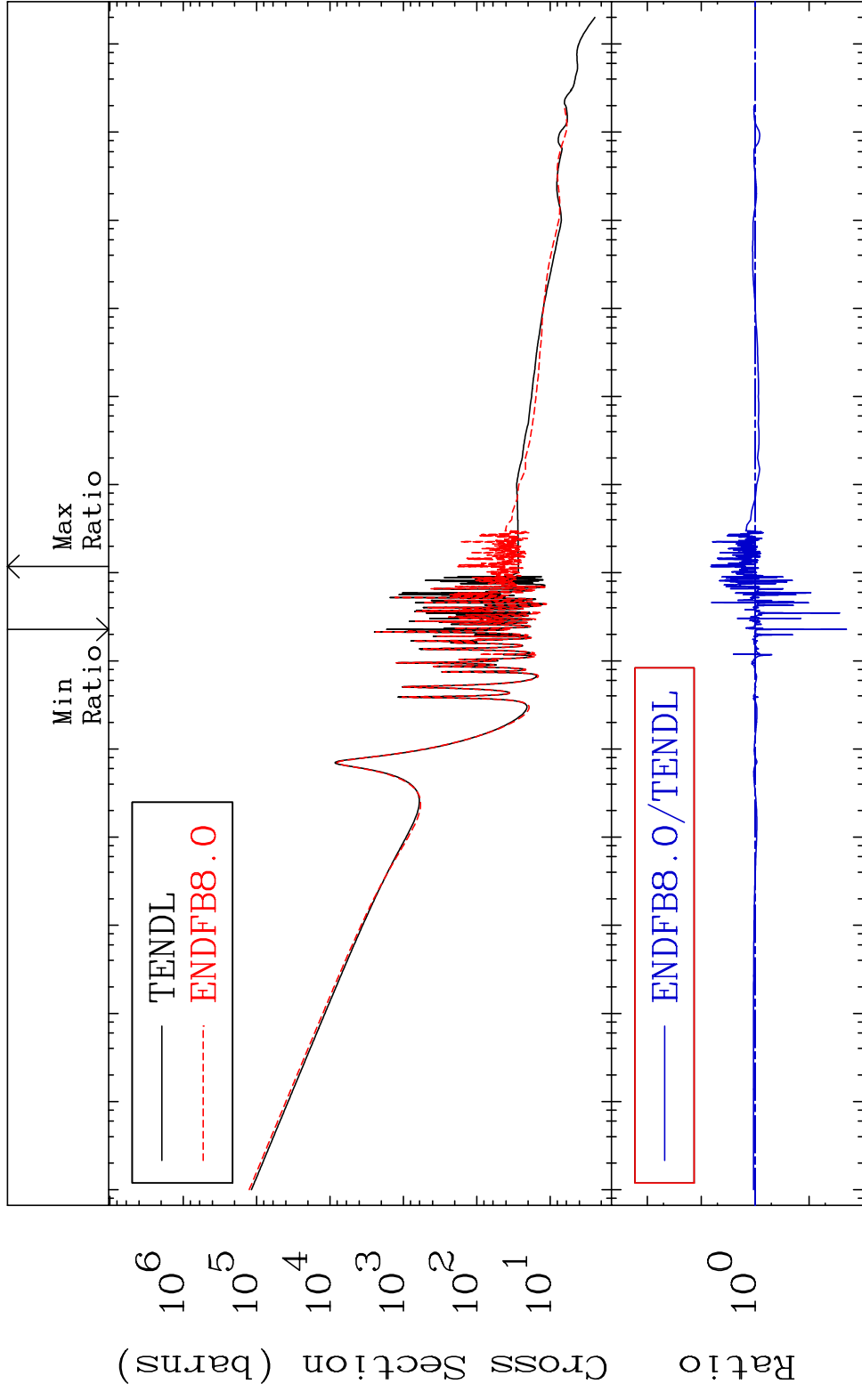
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9852

Total Cross Section -97.96 To 566.4 %

98-Cf-249



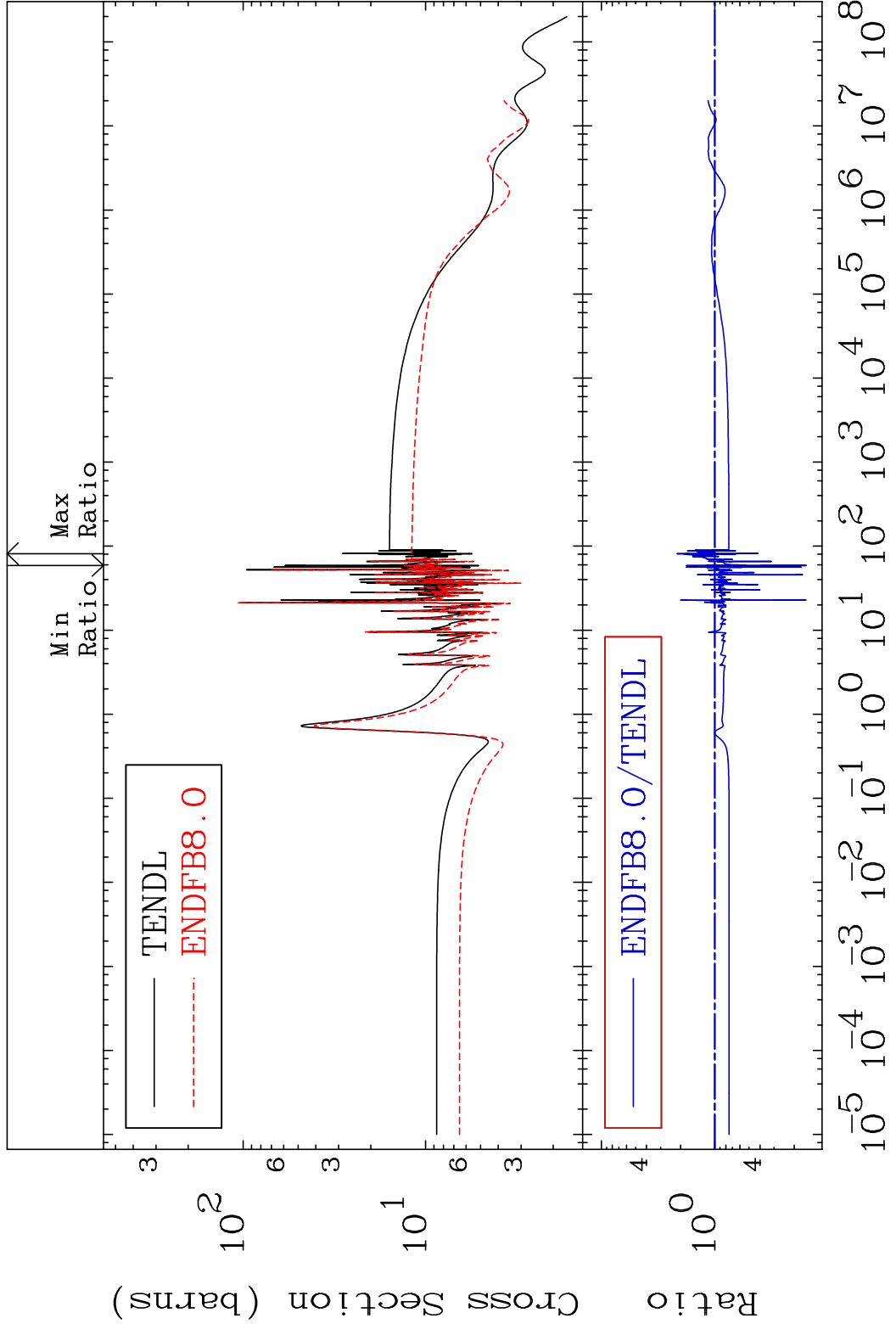
1 Incident Energy (eV) 98-Cf-249

MAT 9852

Elastic

98-Cf-249

Cross Section -84.39 To 114.6 %

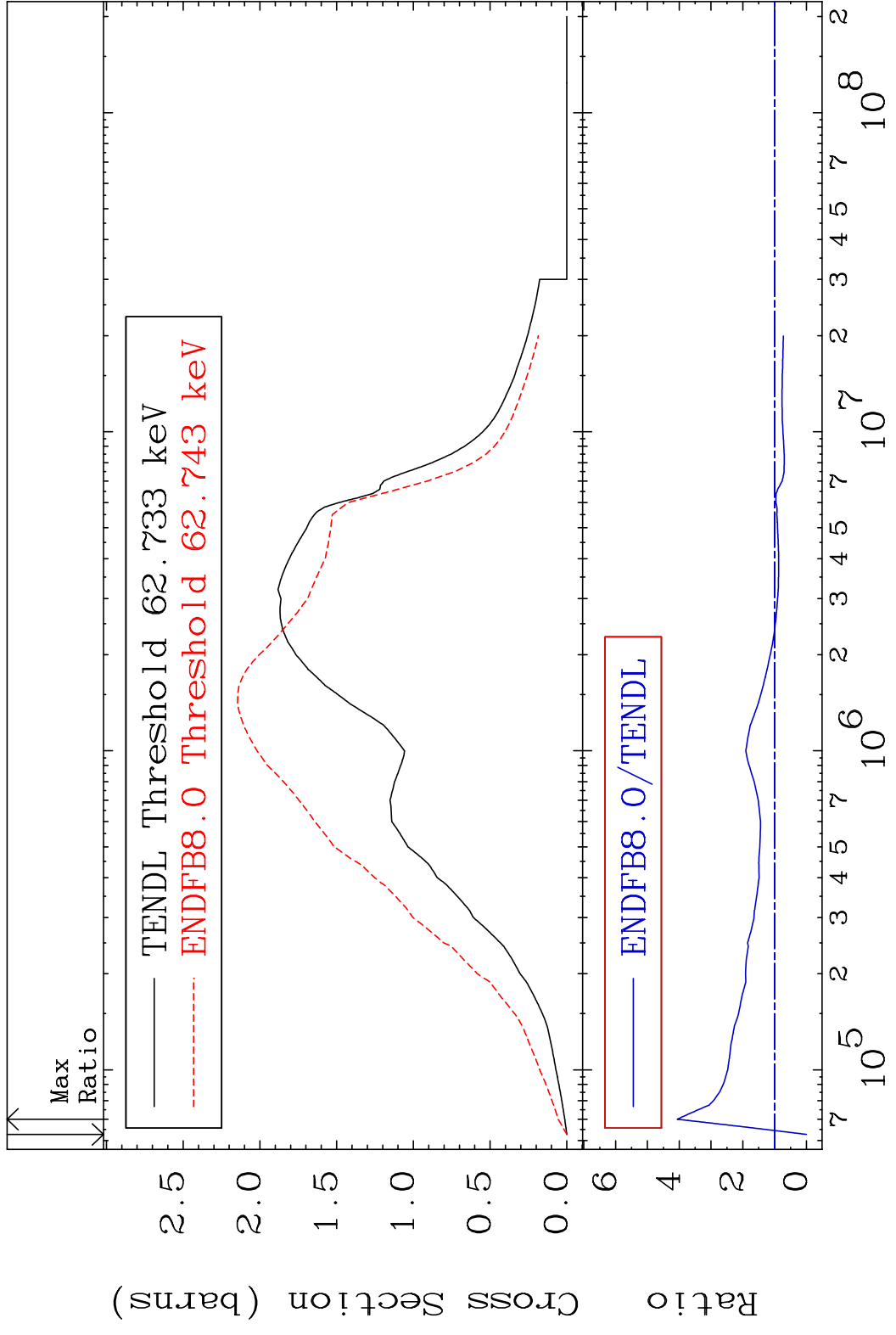


2

Incident Energy (eV)

98-Cf-249

MAT 9852 Inelastic 98-Cf-249
 Cross Section -100.0 To 306.4 %



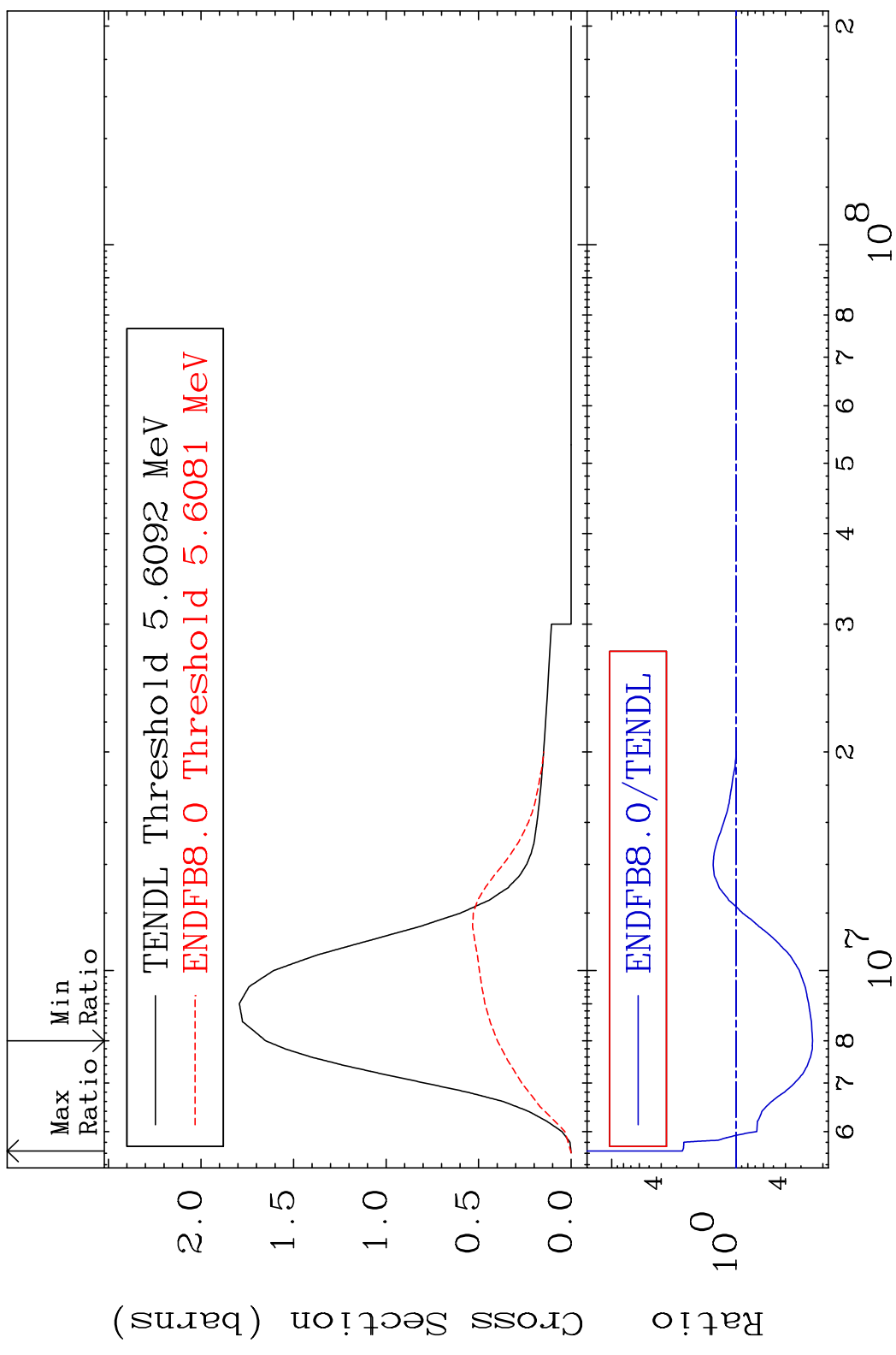
3 Incident Energy (eV) 98-Cf-249

MAT 9852

(n,2n)

98-Cf-249

Cross Section -75.83 To 169.7 %



4

Incident Energy (eV)

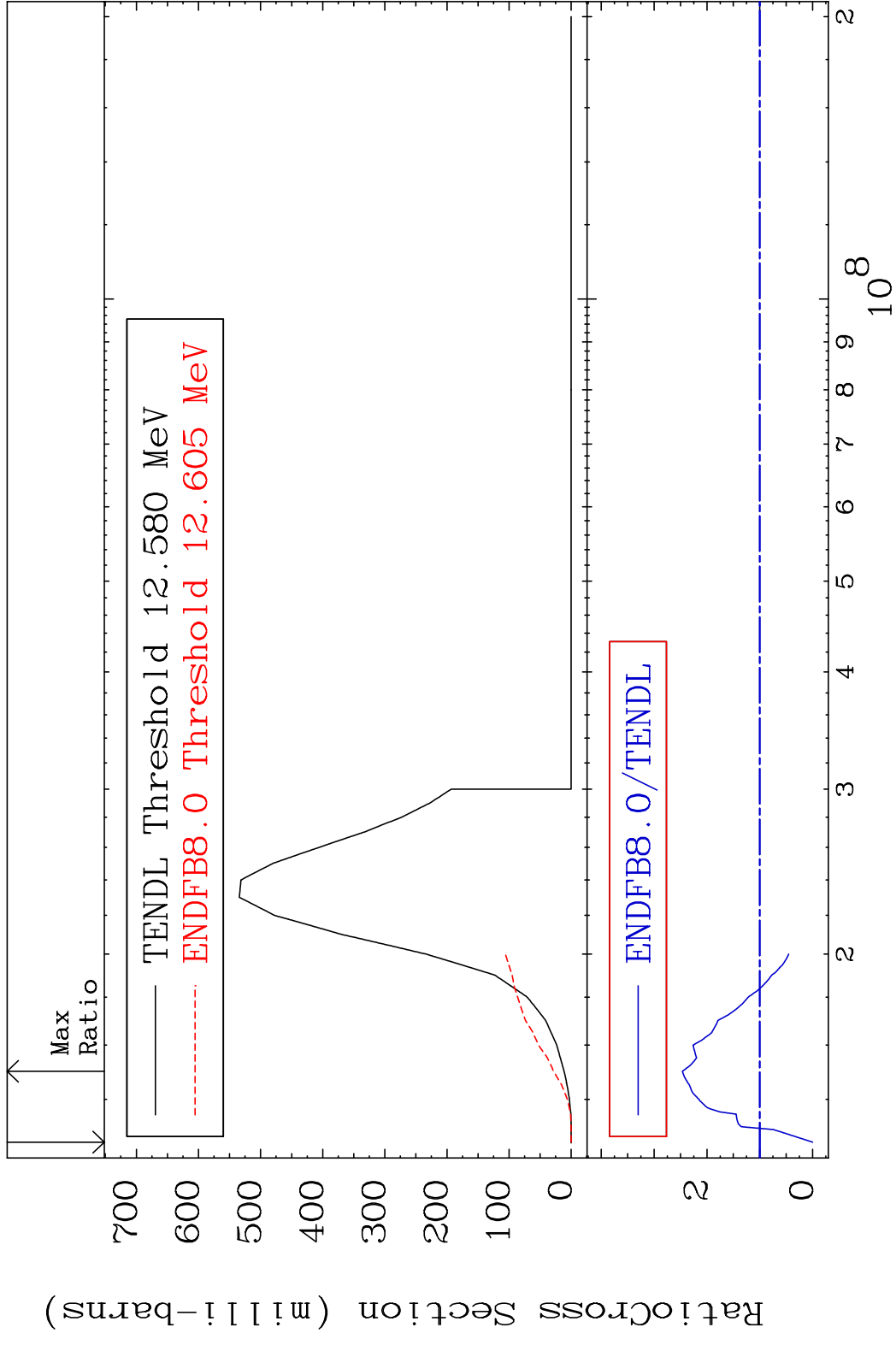
98-Cf-249

MAT 9852

(n,3n)

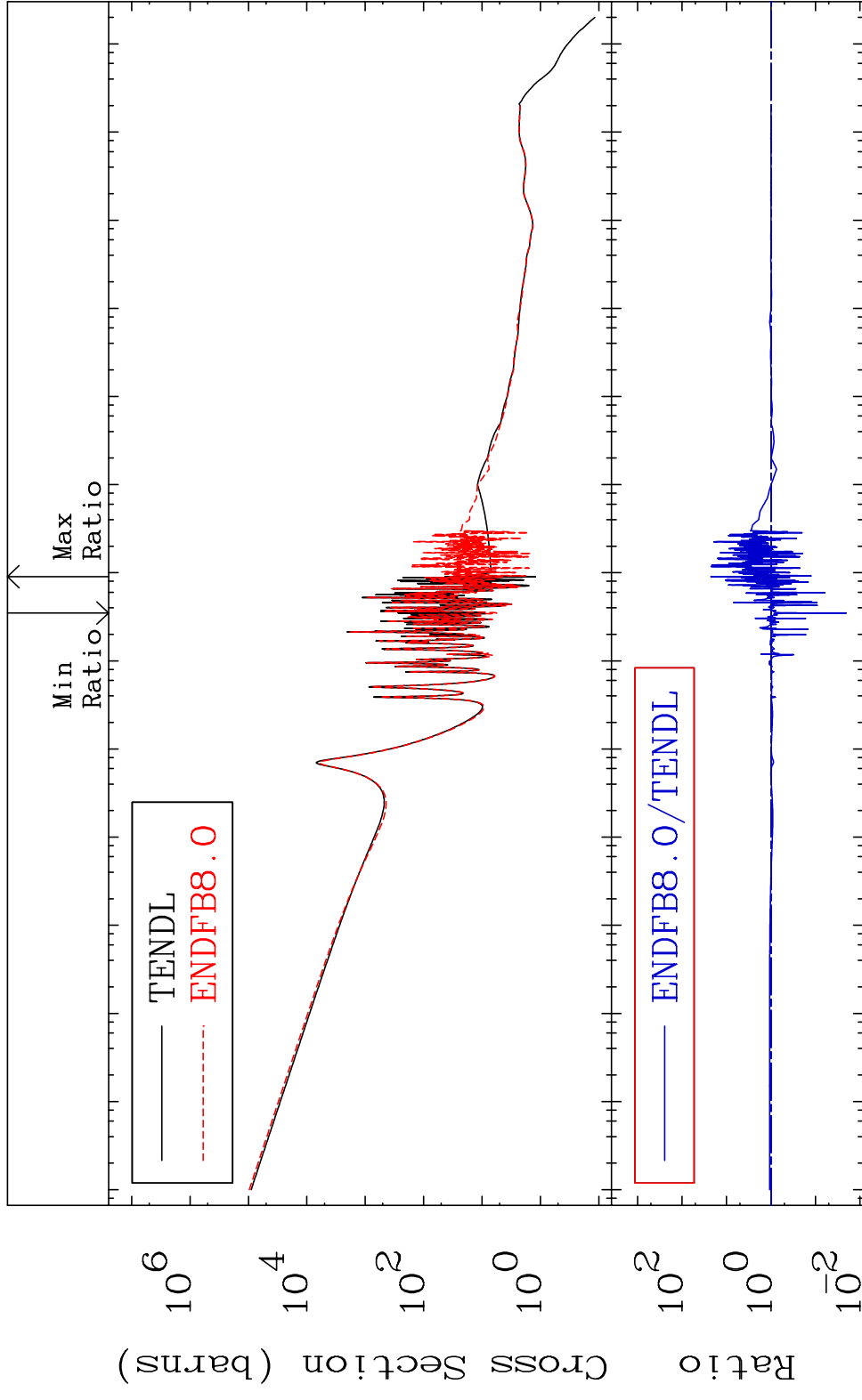
98-Cf-249

Cross Section -100.0 To 146.5 %



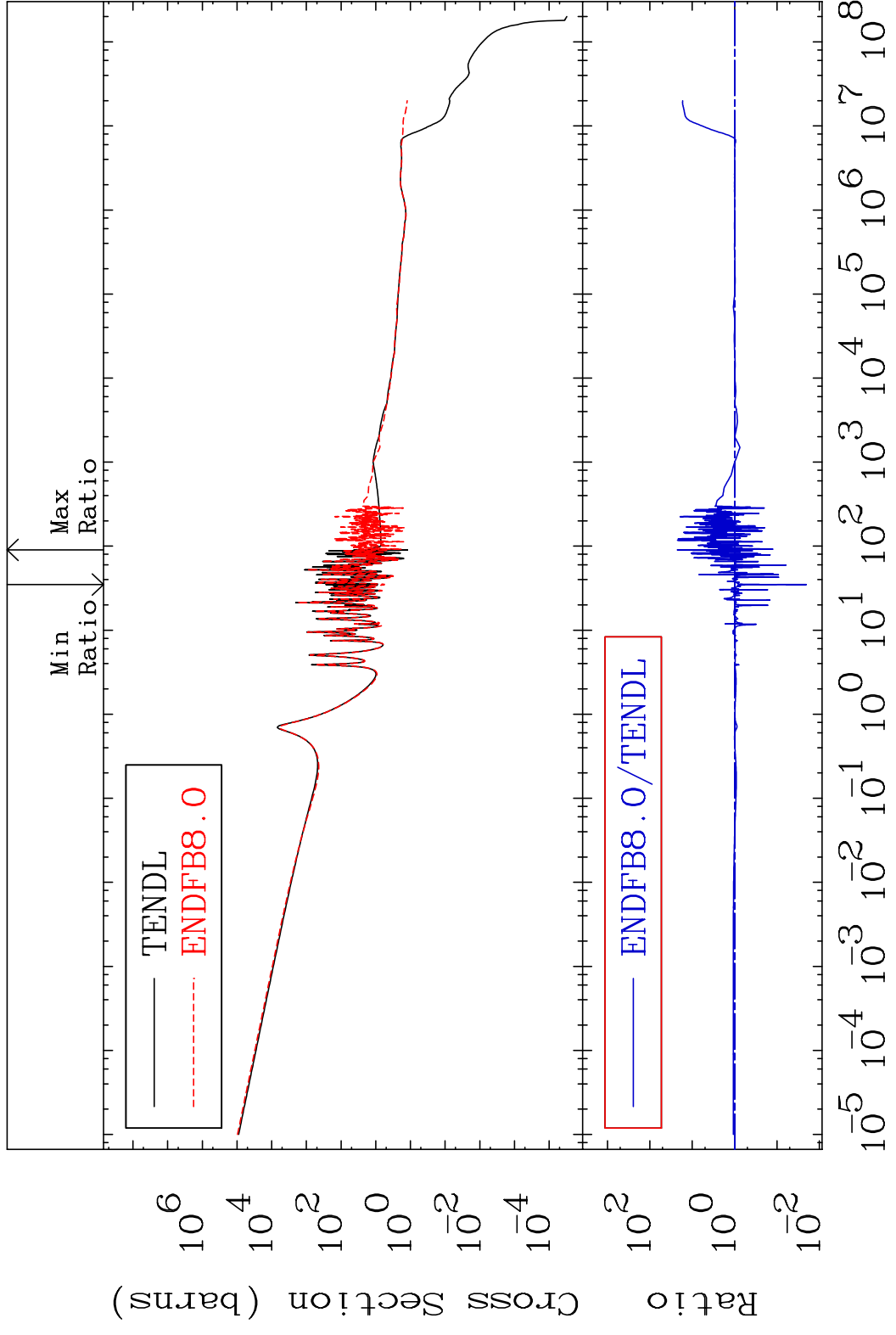
MAT 9852

Fission Cross Section -97.98 To 2164. %
98-Cf-249

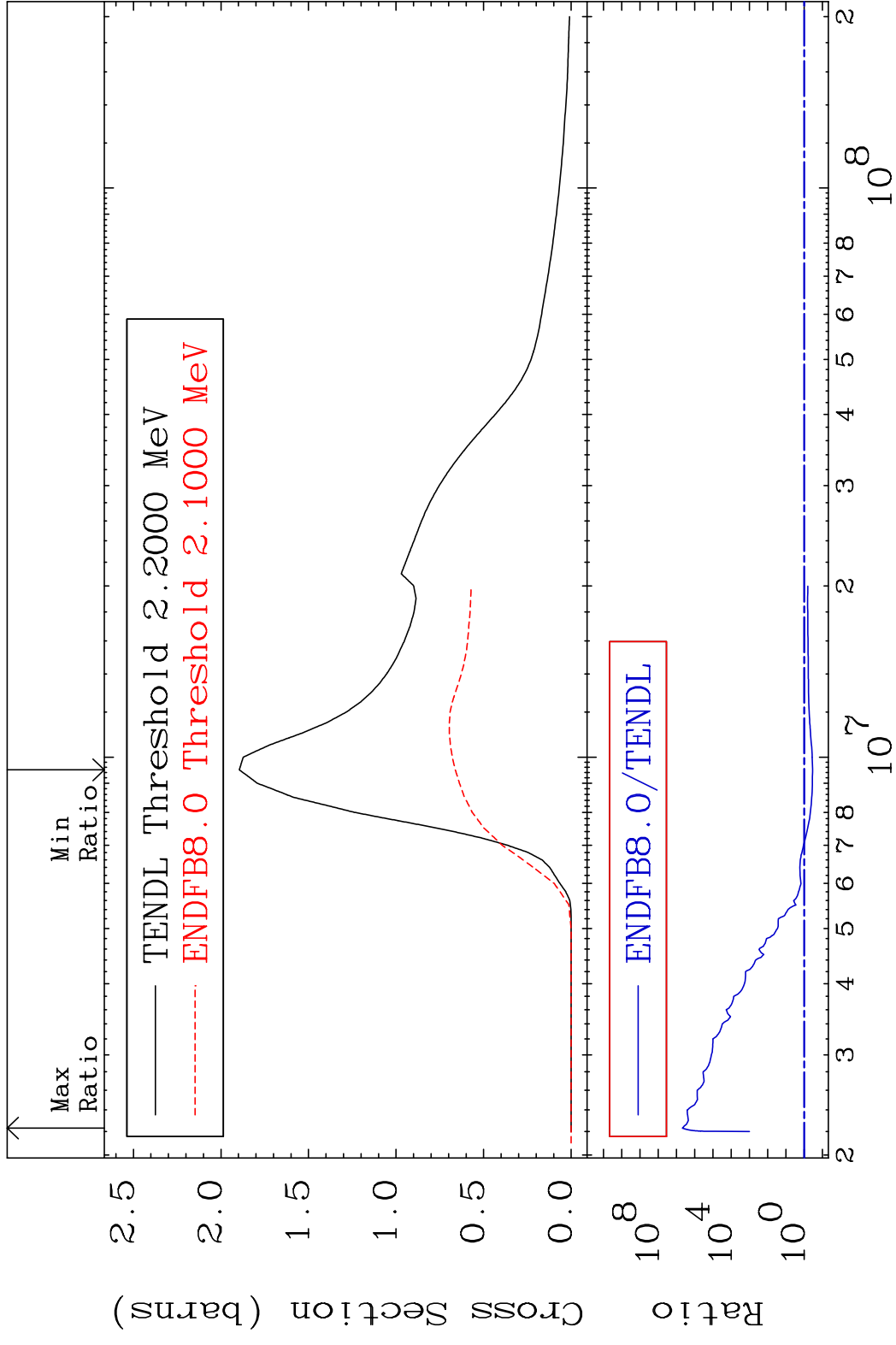


MAT 9852

(n,f) First Chance 98-Cf-249
Cross Section -97.98 To 2164. %



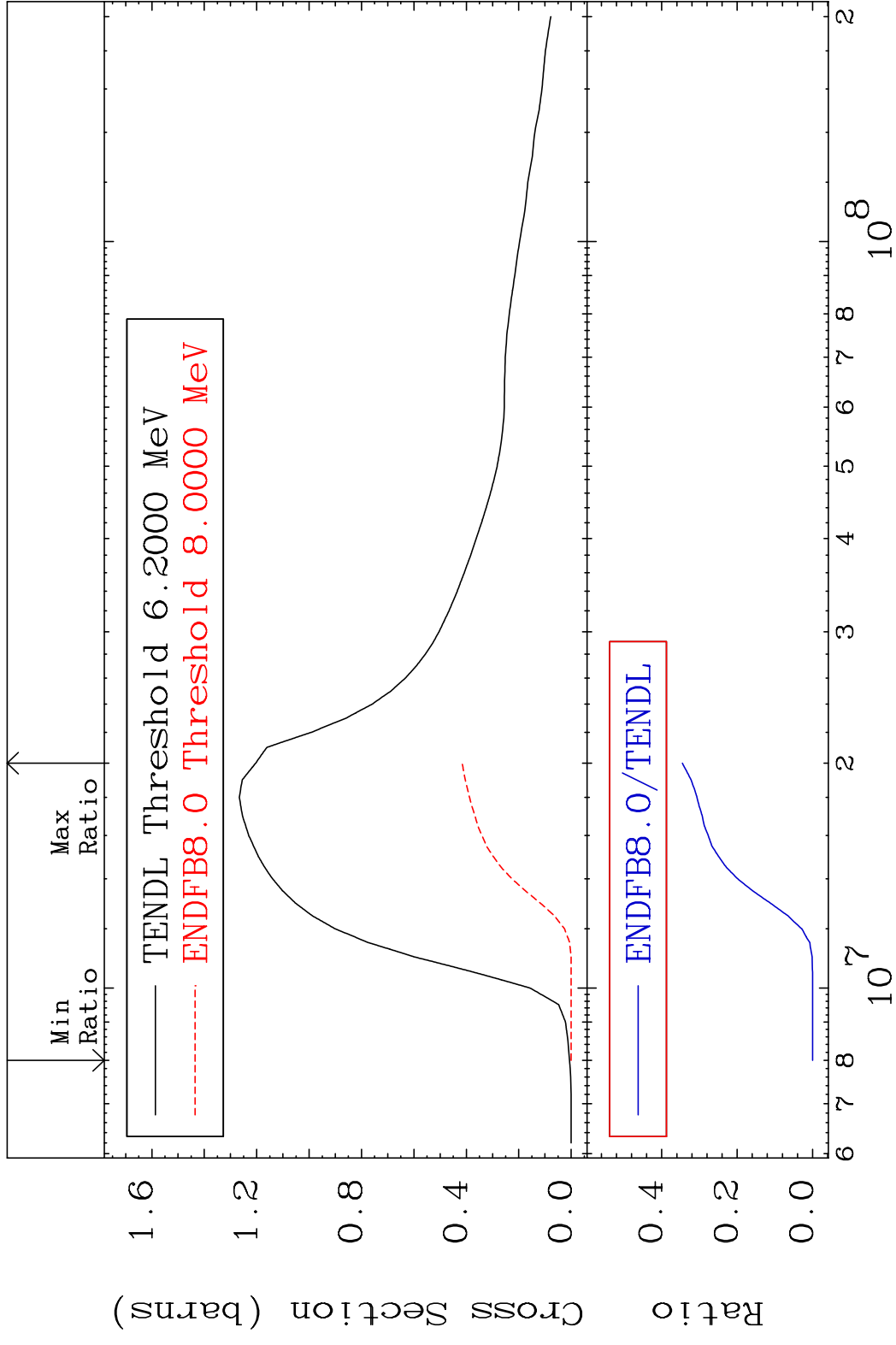
MAT 9852 (n,nf) Second Chance 98-Cf-249
 Cross Section -65.08 To 9999. %



8 Incident Energy (eV) 98-Cf-249

MAT 9852

(n,2nf) Third Chance 98-Cf-249
Cross Section -100.0 To -65.47%



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Incident Energy (eV)

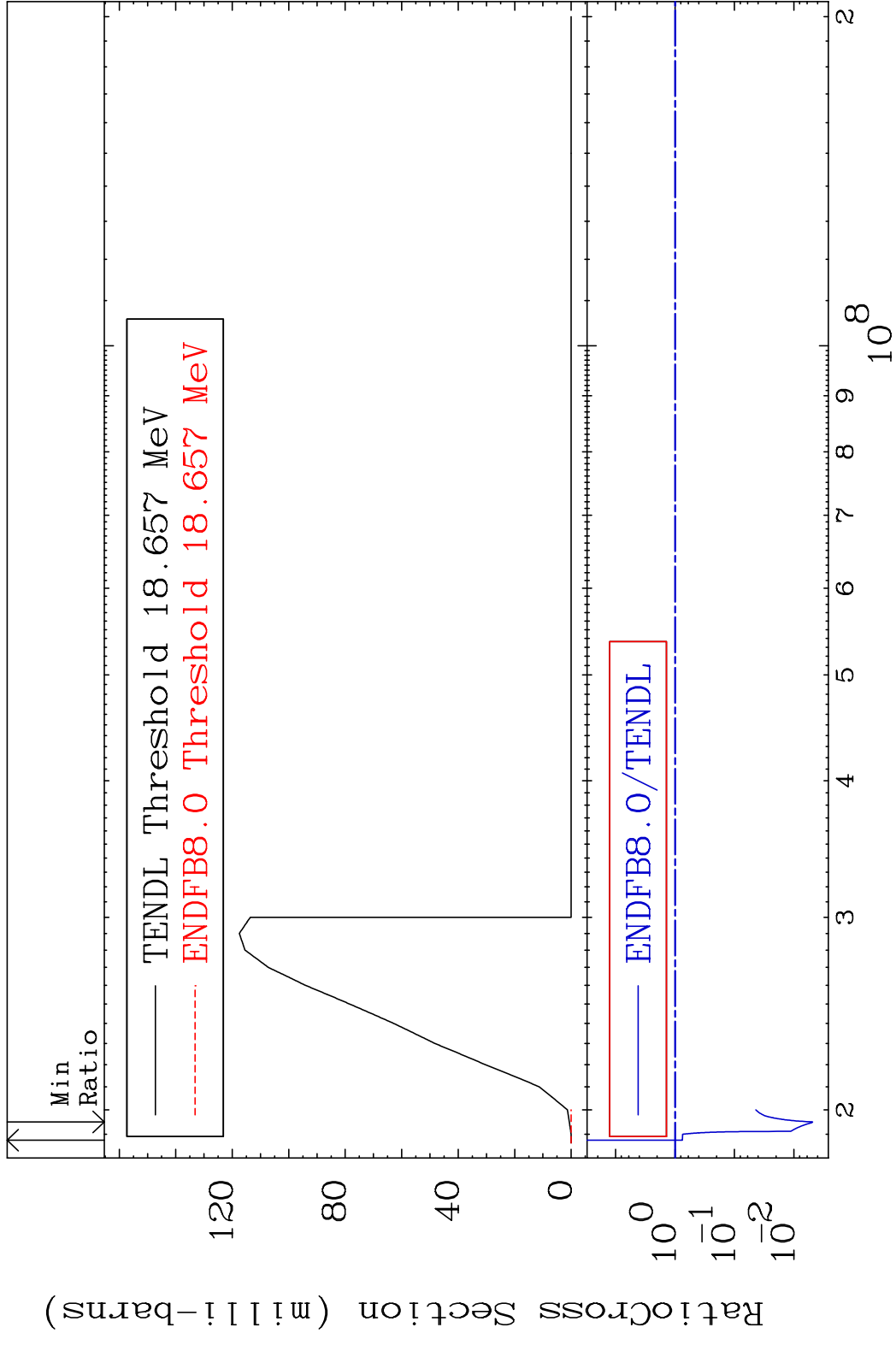
98-Cf-249

MAT 9852

(n,4n)

98-Cf-249

Cross Section -99.51 To -24.67%

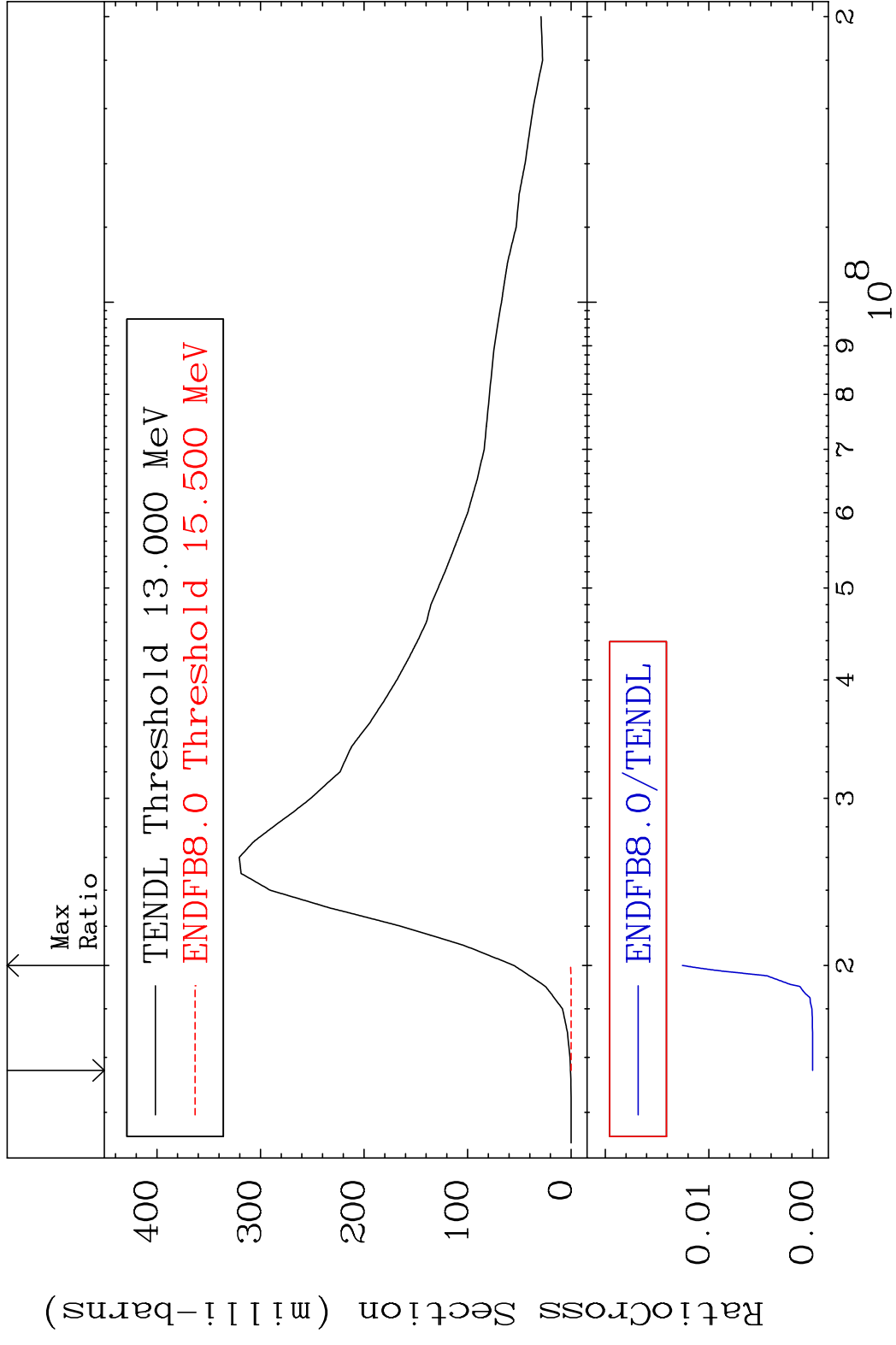


10

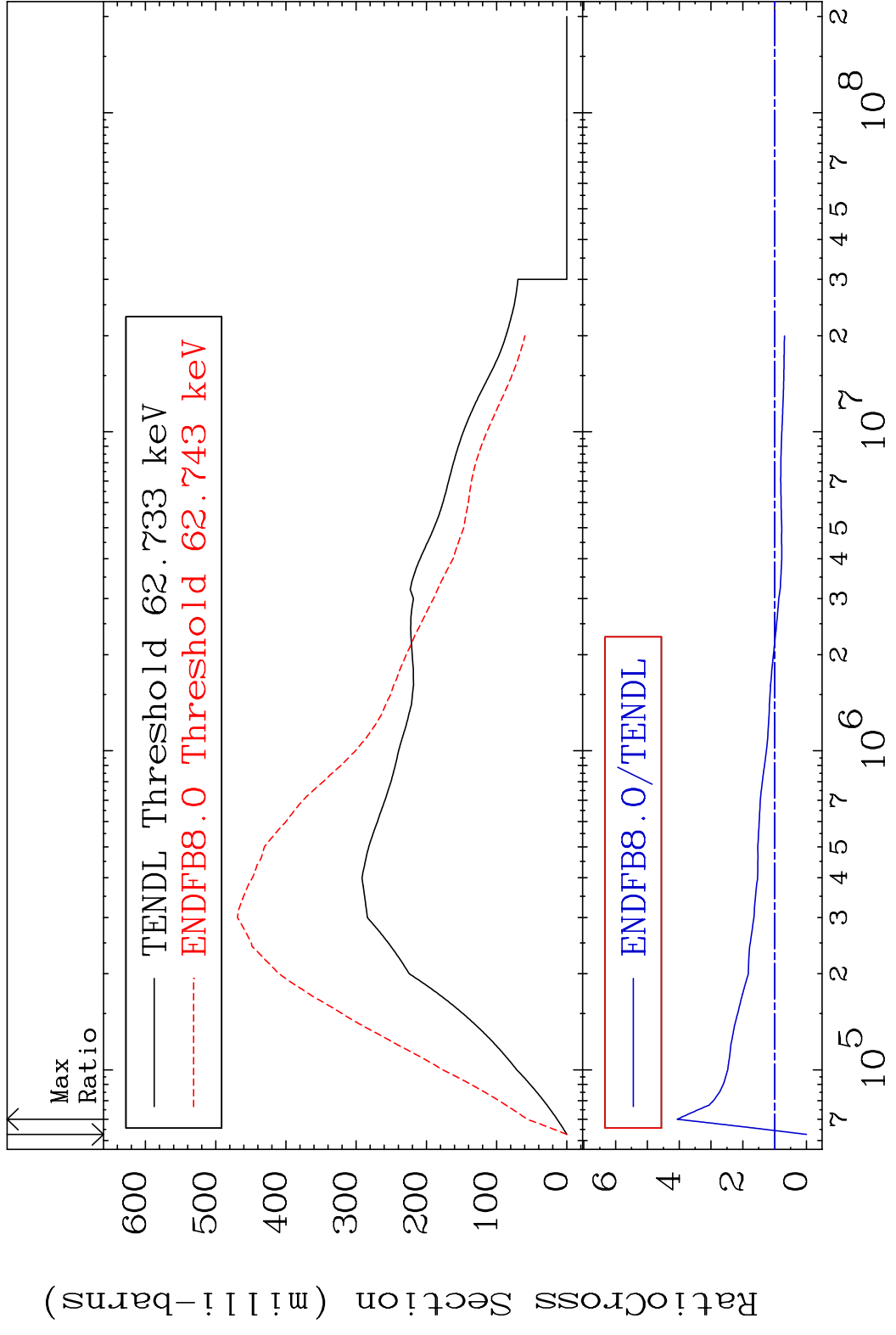
Incident Energy (eV)

98-Cf-249

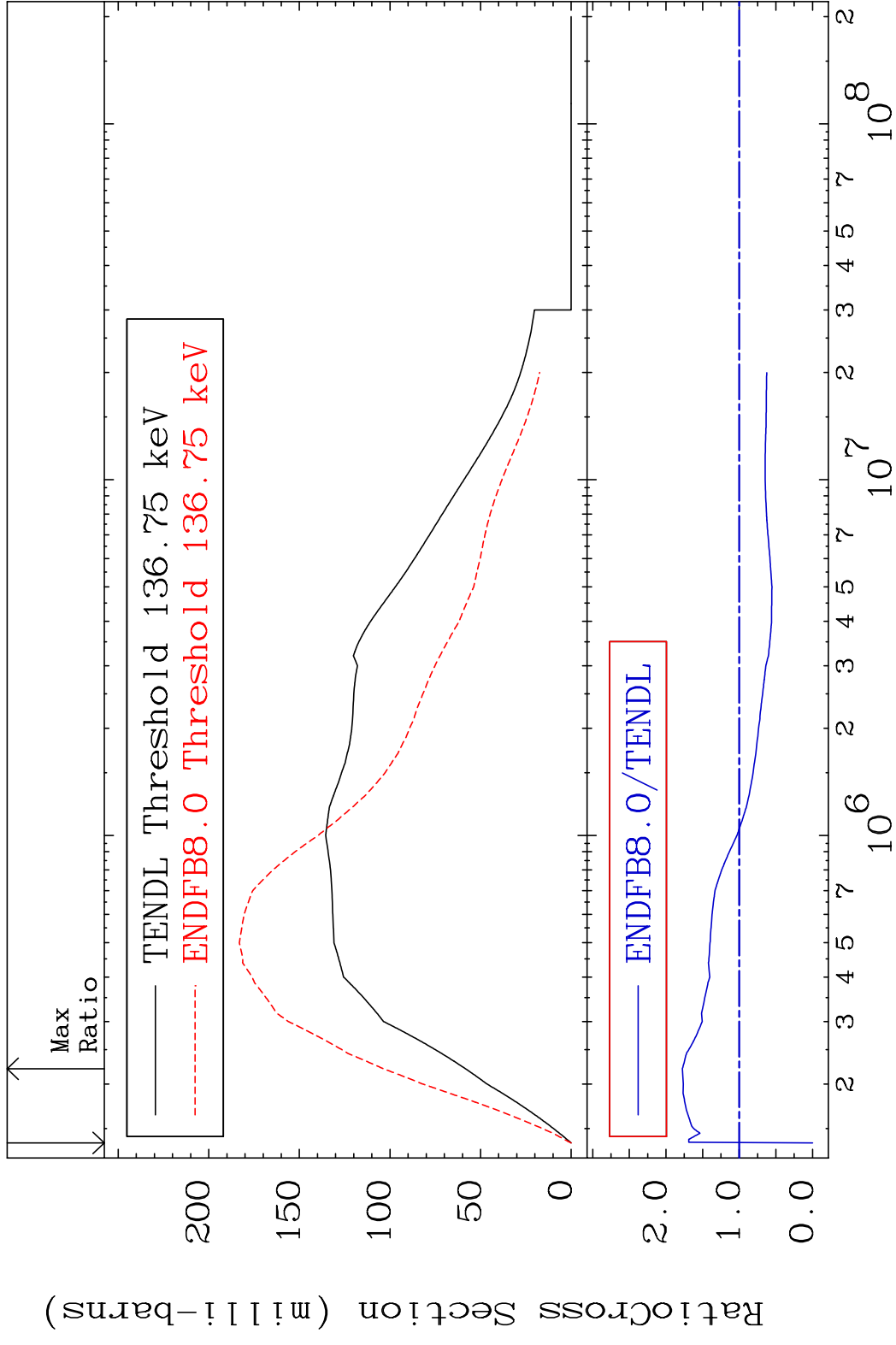
MAT 9852 (n,3nf) Fourth Chance 98-Cf-249
 Cross Section -100.0 To -98.74%



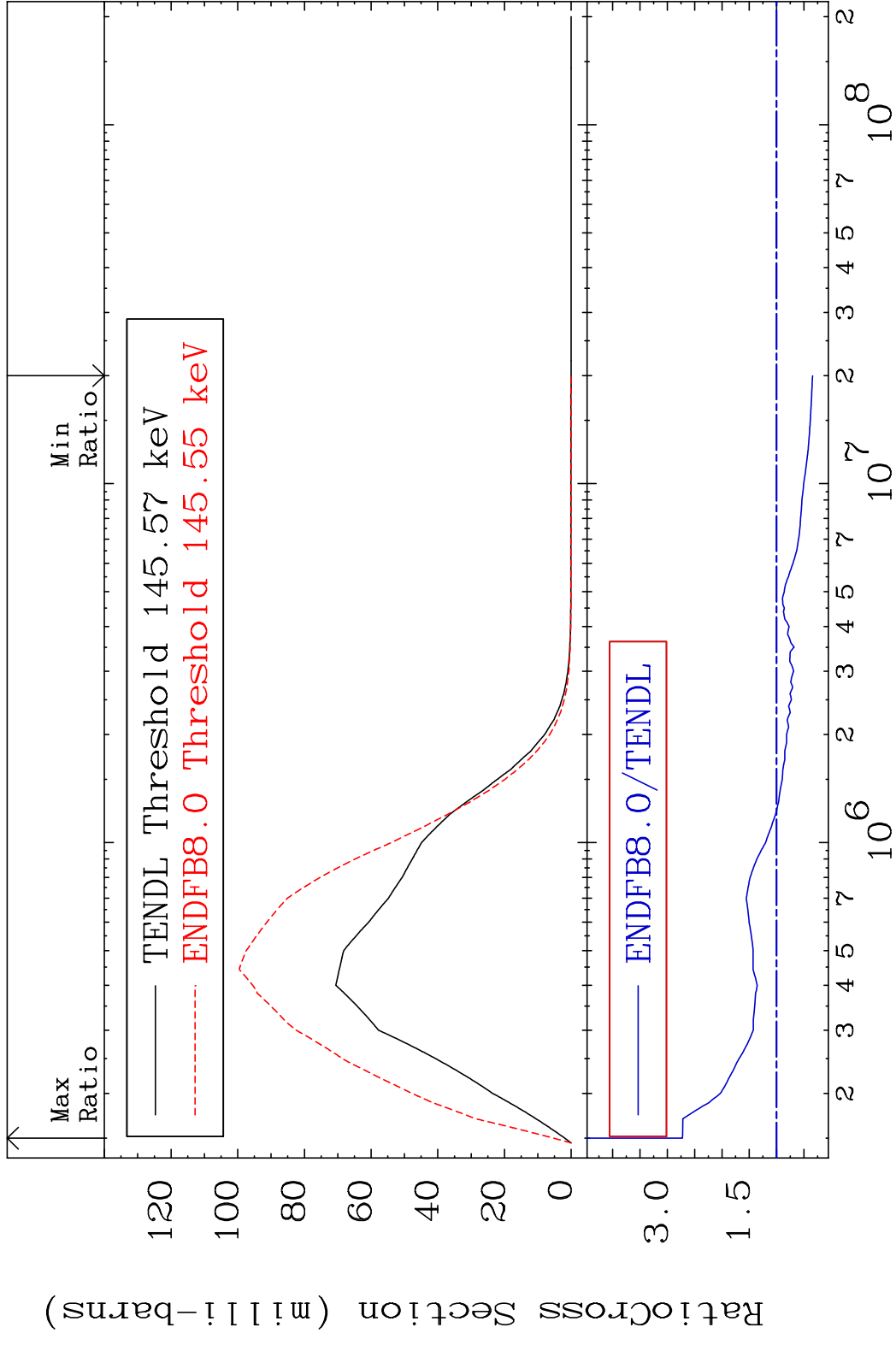
MAT 9852 MT= 51 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 306.4 %



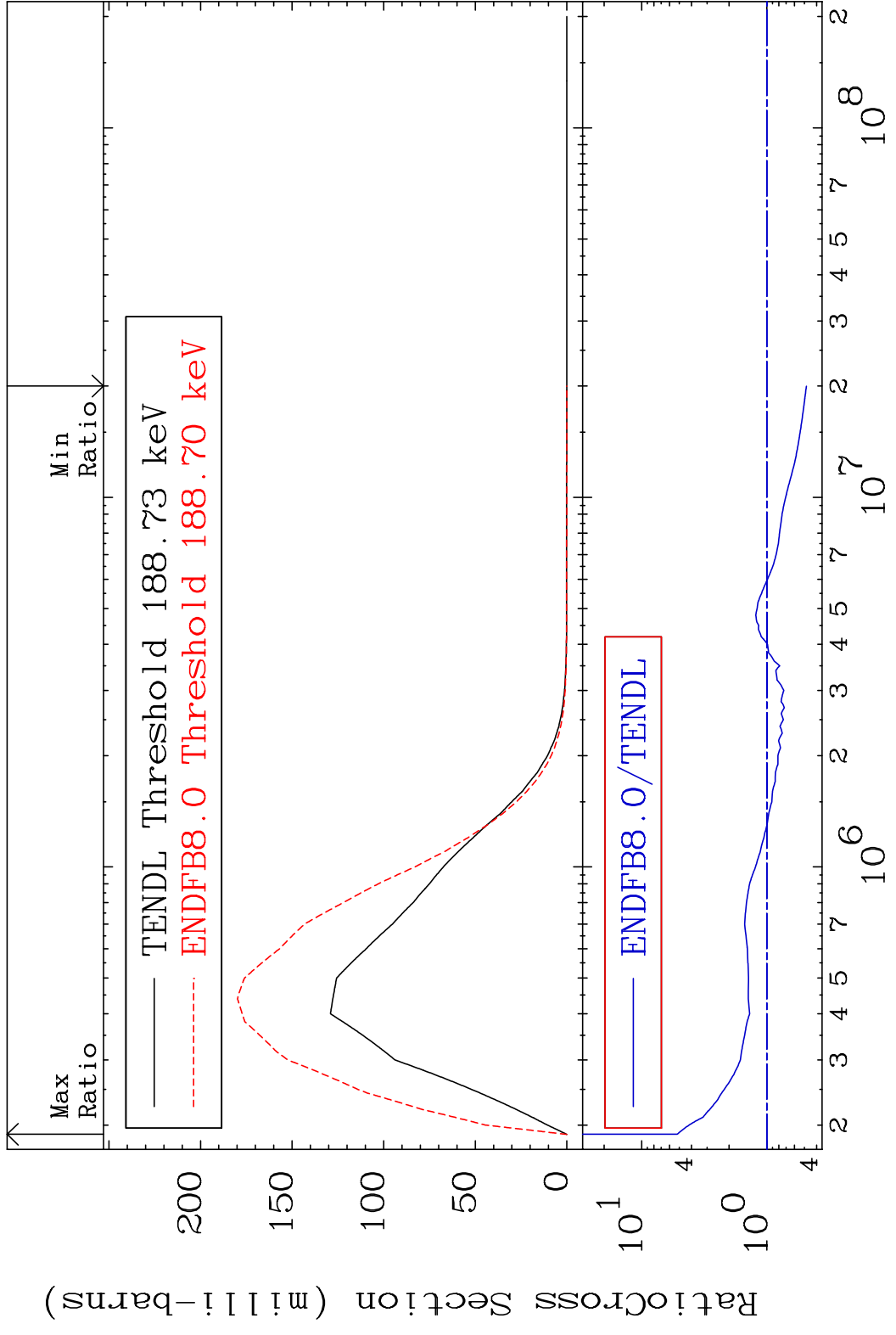
MAT 9852 MT= 52 (n, n') Level 98-Cf-249
 Cross Section -100.0 To 77.67 %



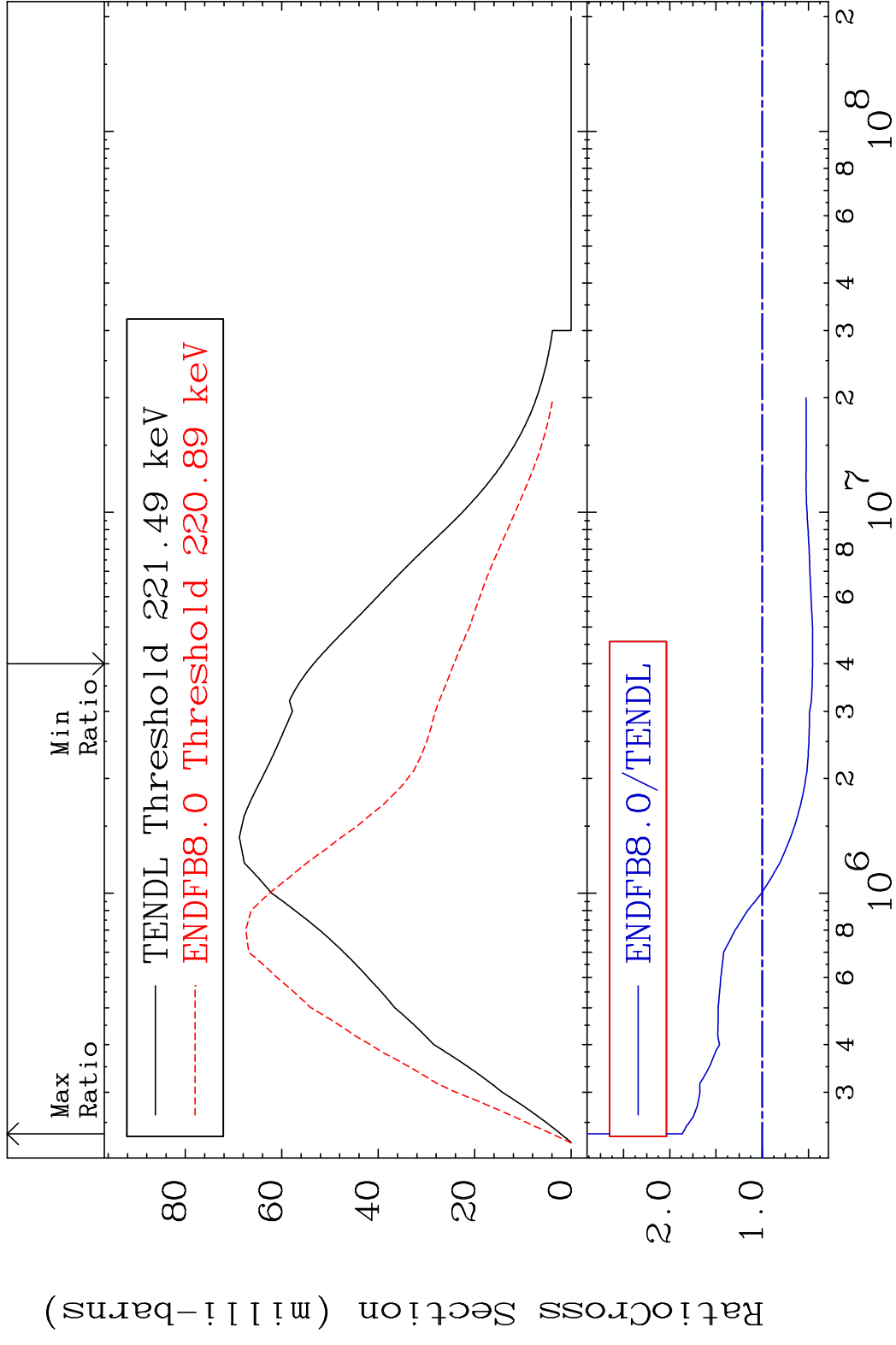
MAT 9852 MT= 53 (n,n') Level 98-Cf-249
 Cross Section -65.78 To 172.5 %



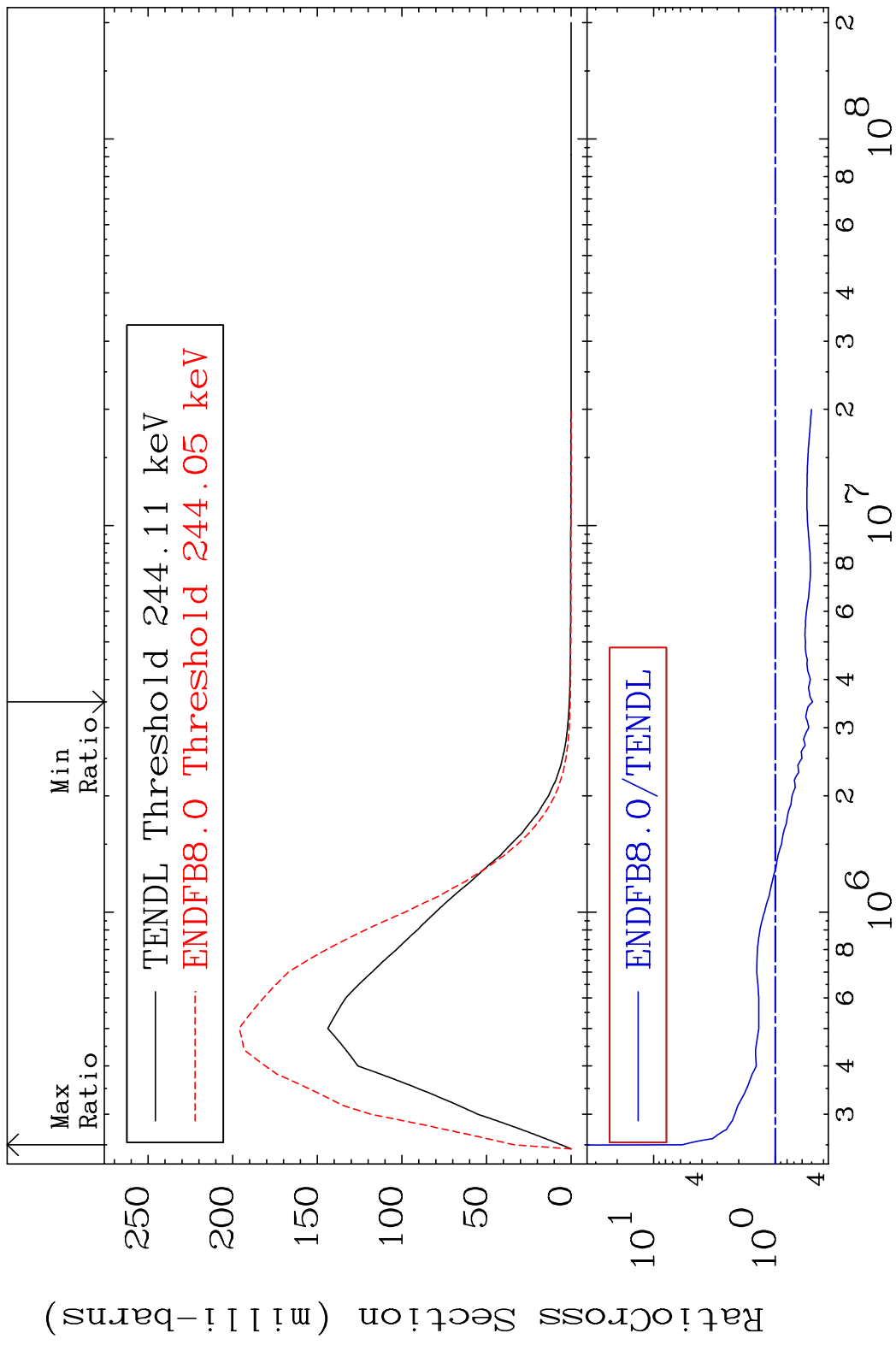
MAT 9852 MT= 54 (n,n') Level 98-Cf-249
 Cross Section -51.79 To 420.2 %



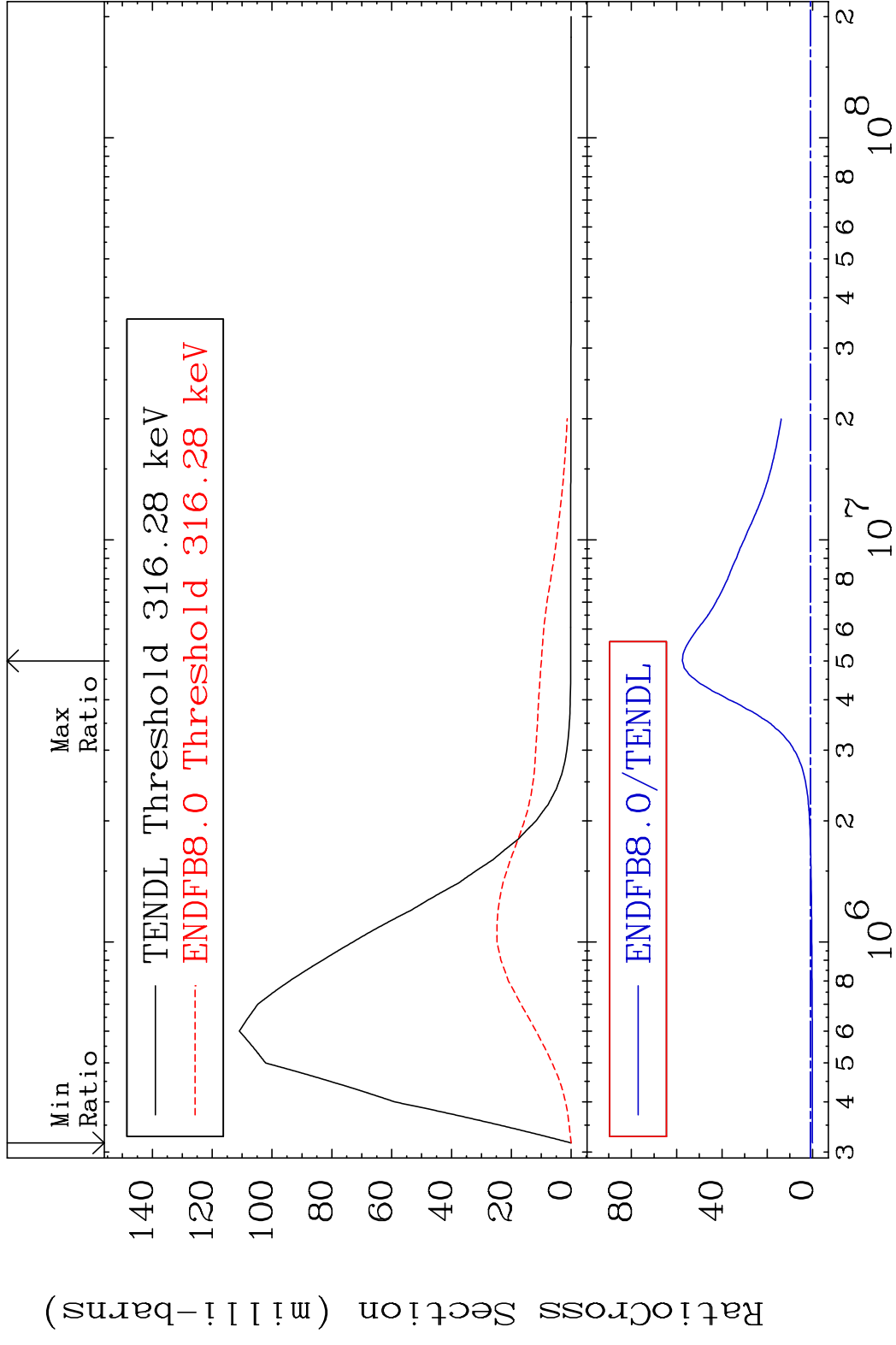
MAT 9852 MT= 55 (n,n') Level 98-Cf-249
 Cross Section -54.50 To 86.43 %



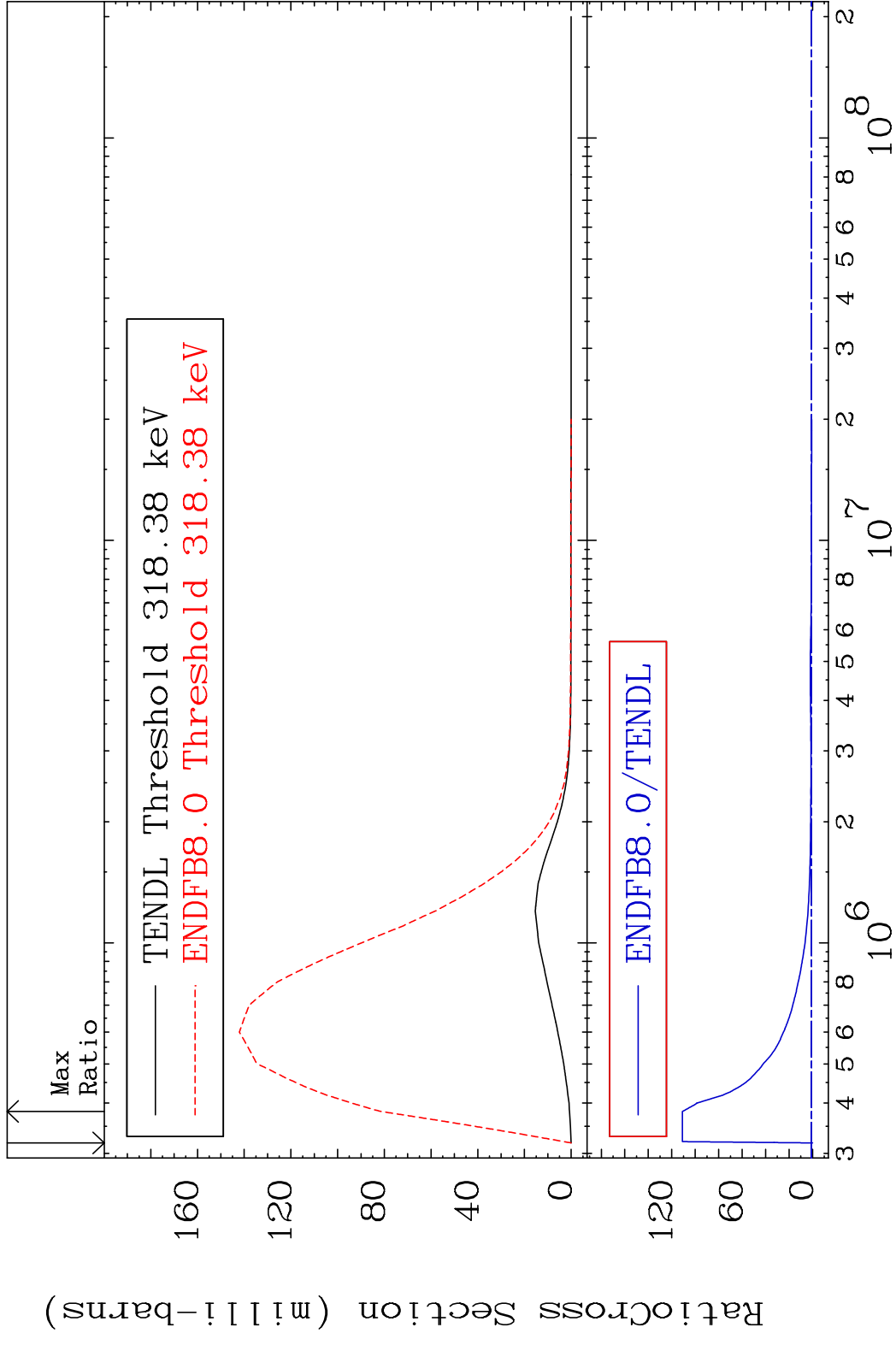
MAT 9852 MT= 56 (n,n') Level 98-Cf-249
 Cross Section -50.74 To 480.7 %



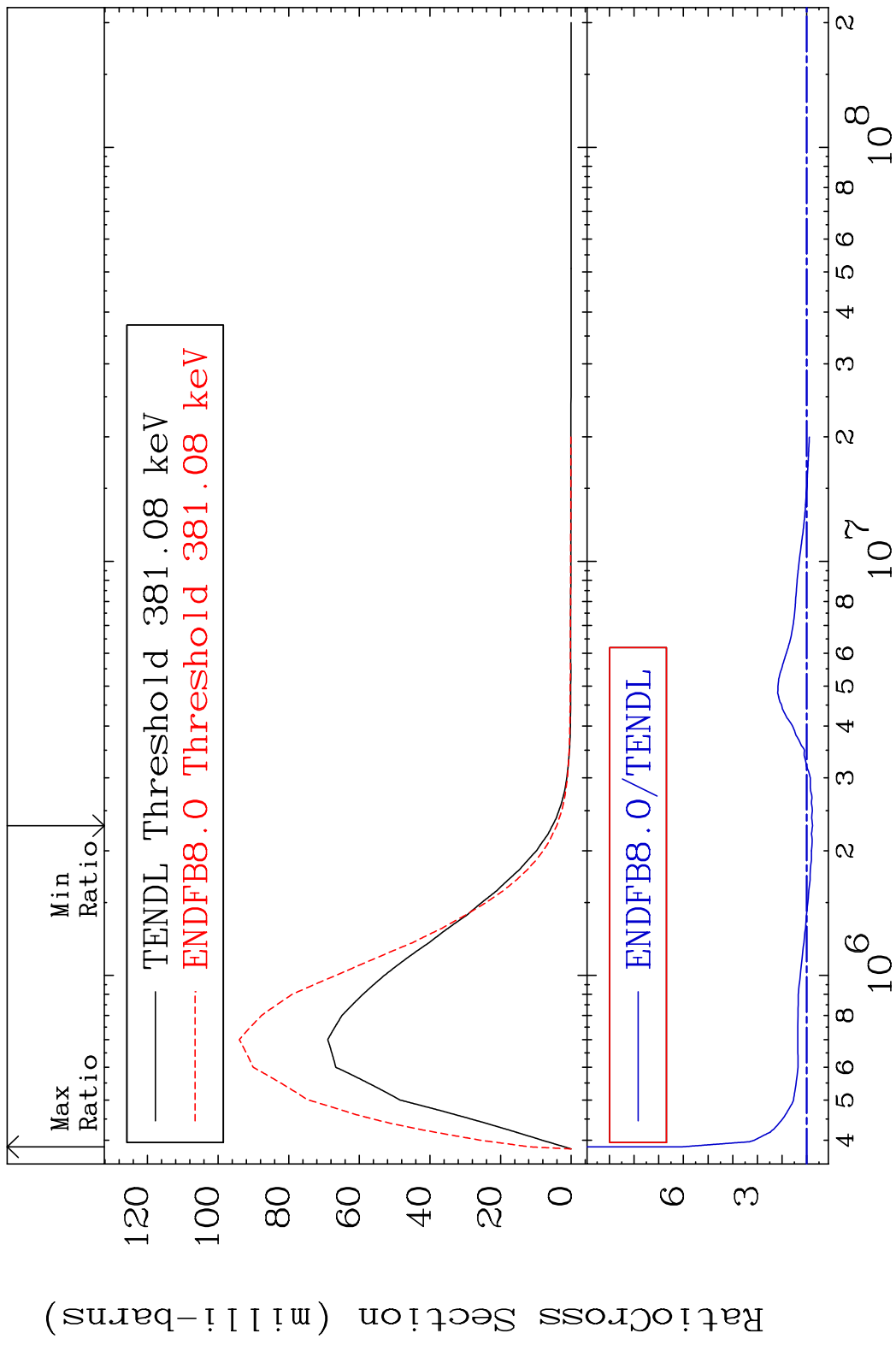
MAT 9852 MT= 57 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 5649. %



MAT 9852 MT= 58 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 9999. %

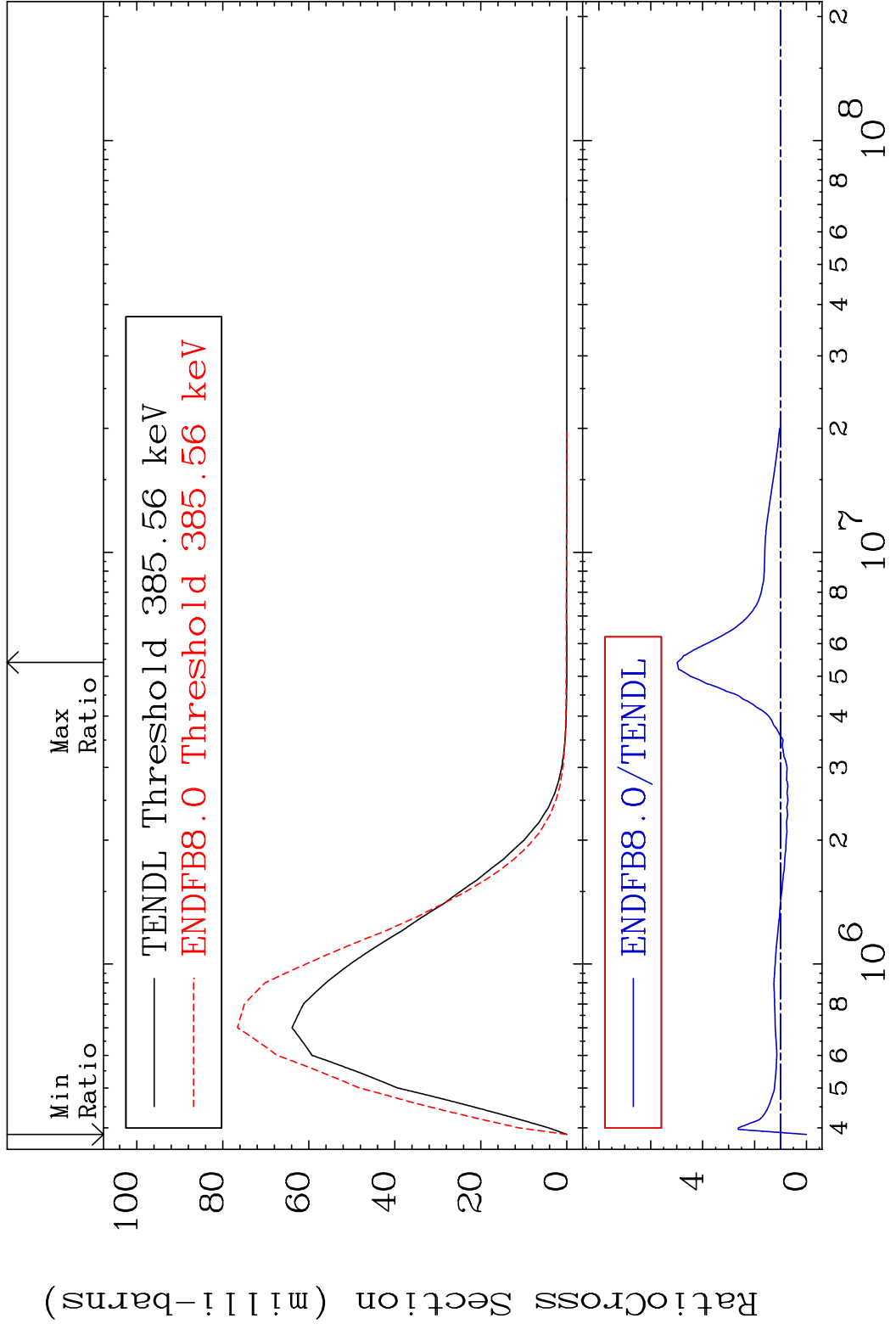


MAT 9852 MT= 59 (n,n') Level 98-Cf-249
 Cross Section -23.80 To 504.2 %

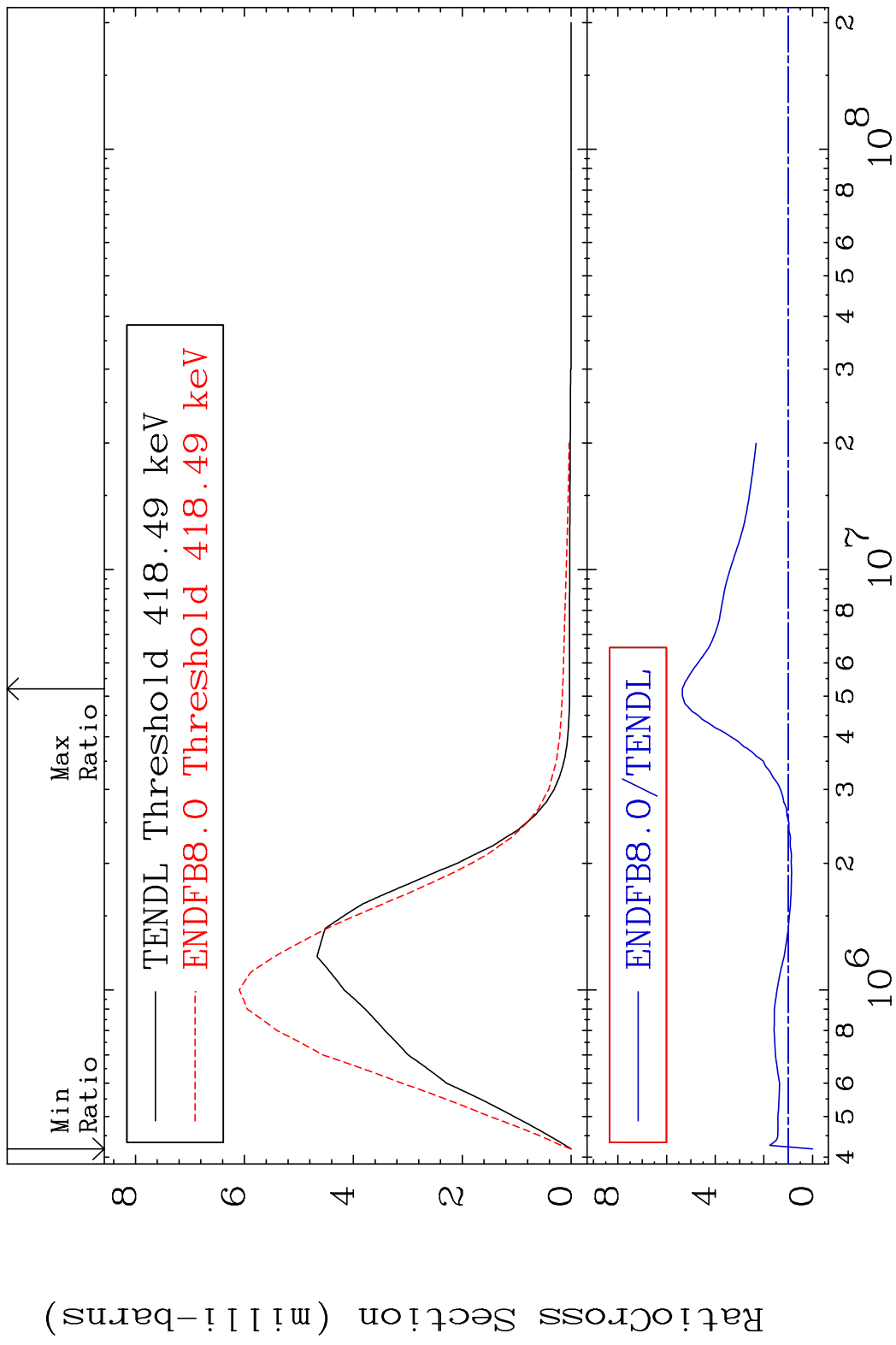


20 Incident Energy (eV) 98-Cf-249

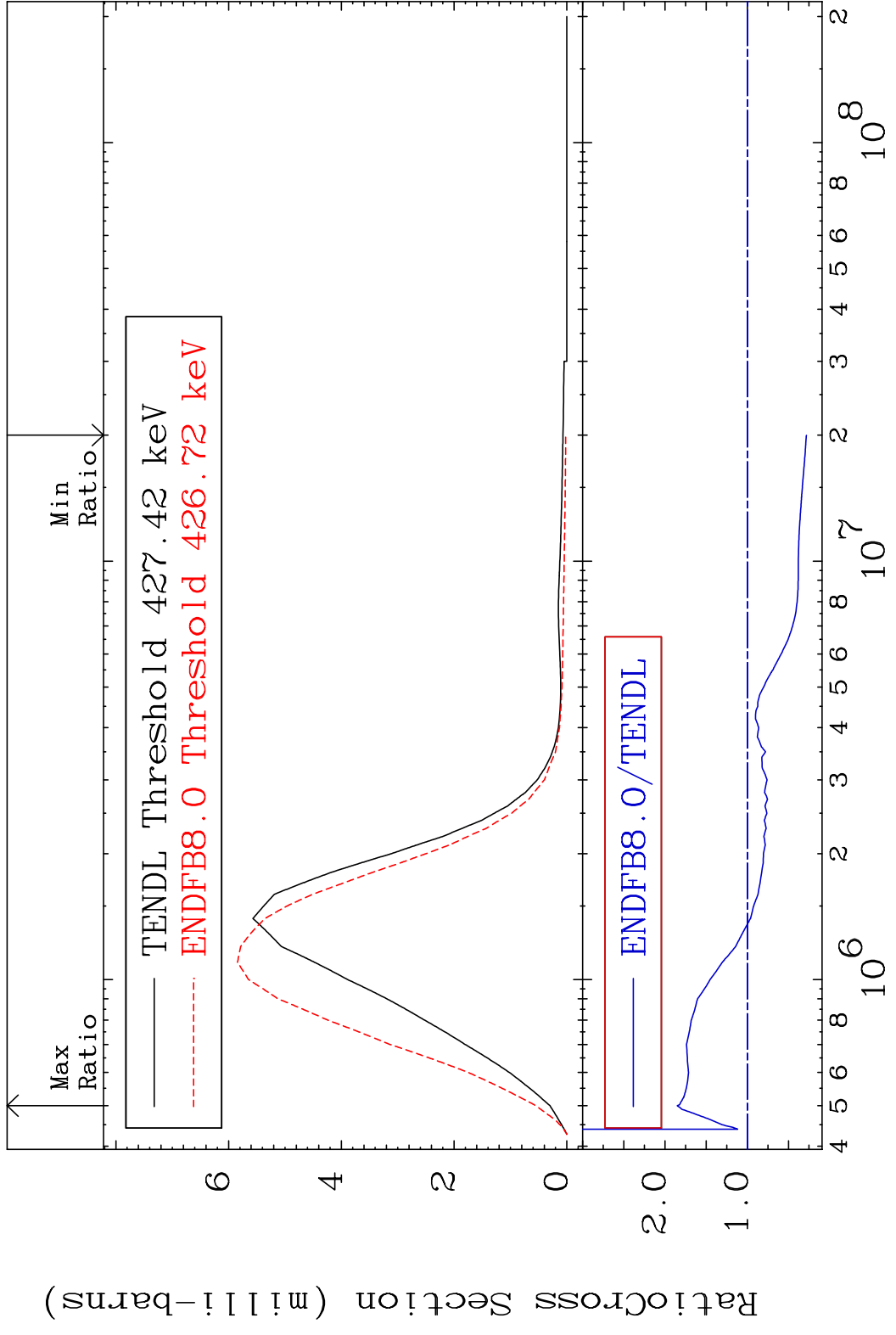
MAT 9852 MT= 60 (n, n') Level 98-Cf-249
 Cross Section -100.0 To 398.1 %



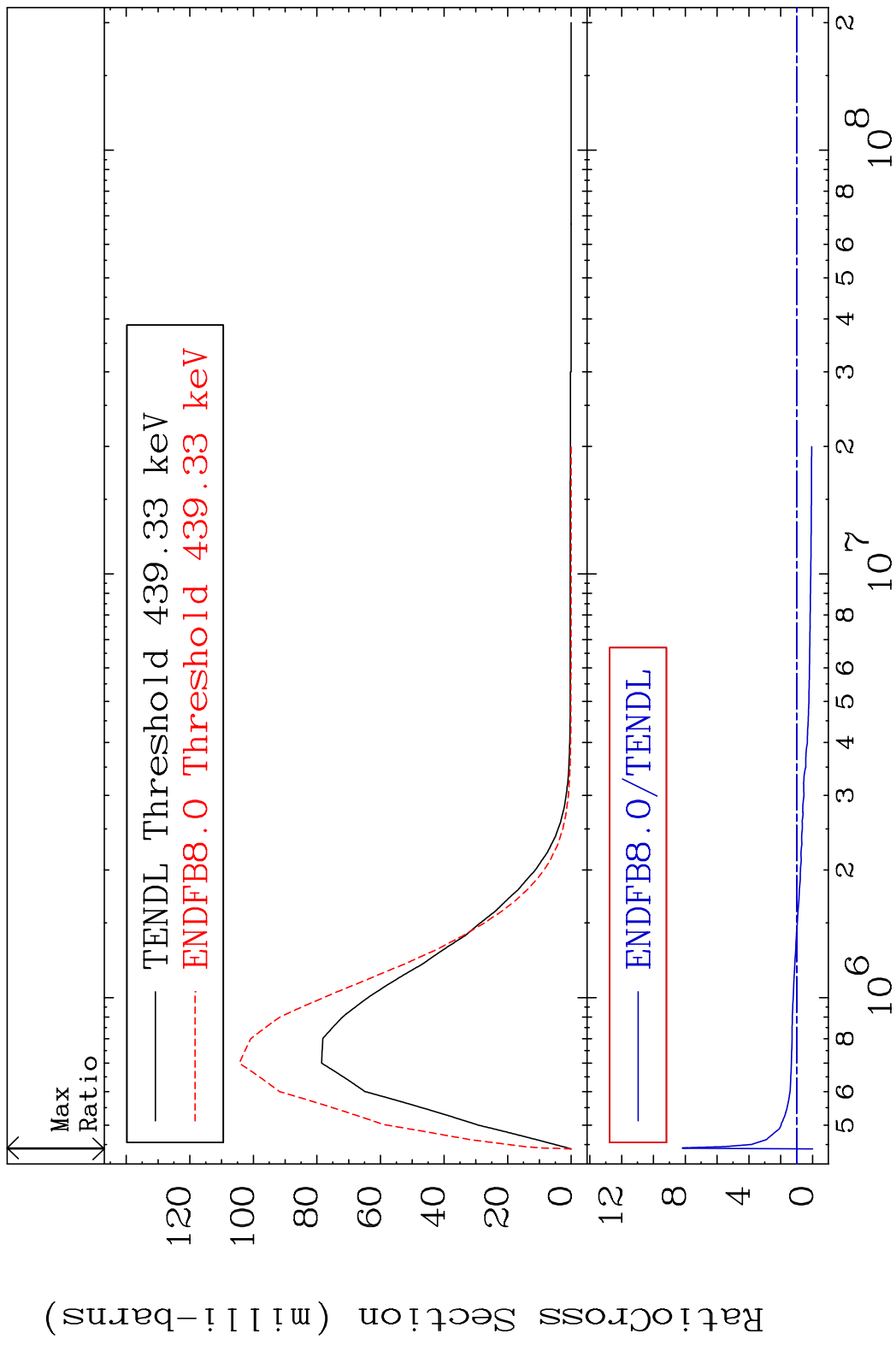
MAT 9852 MT= 61 (n, n') Level 98-Cf-249
 Cross Section -100.0 To 435.1 %



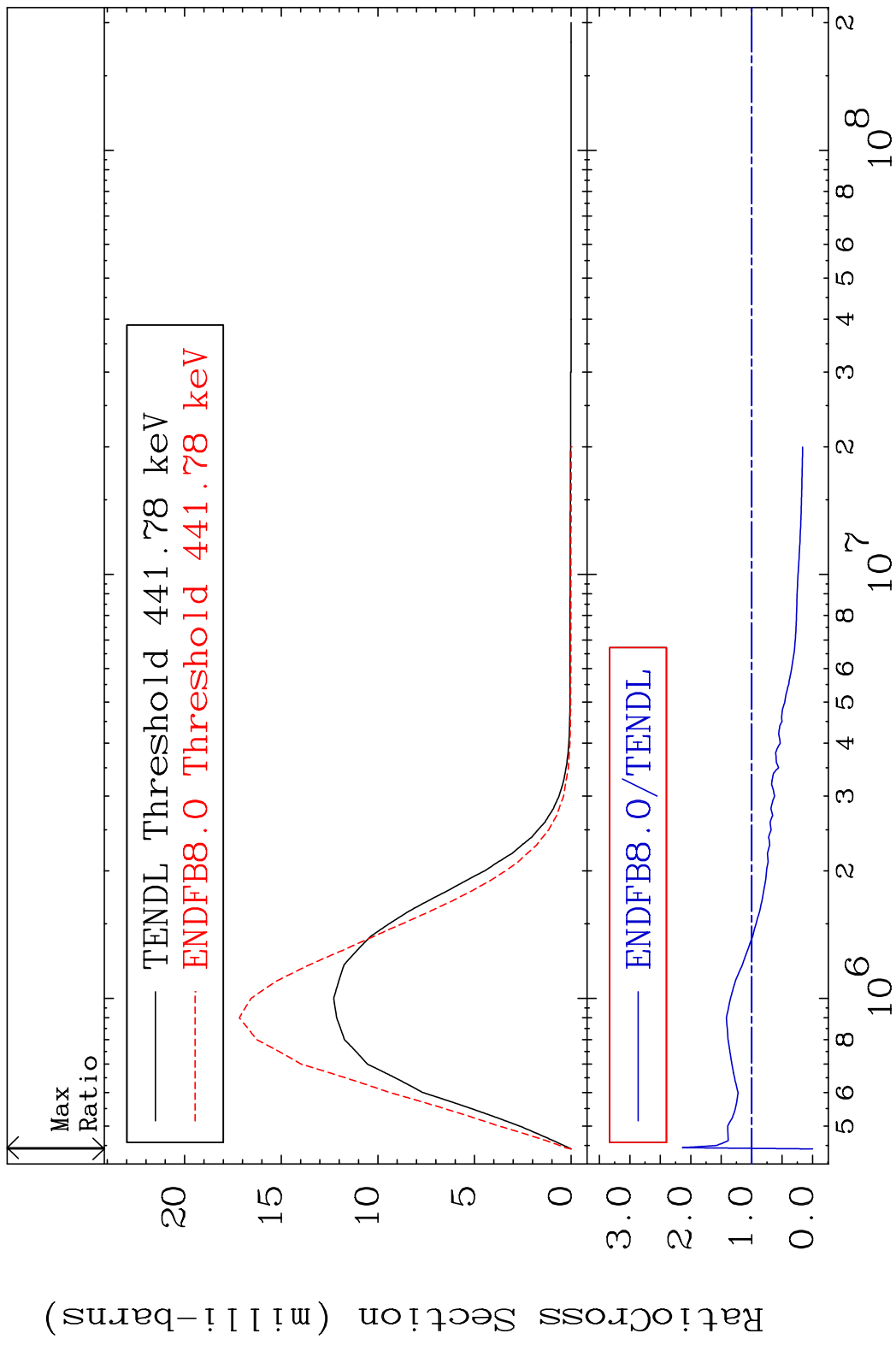
MAT 9852 MT= 62 (n,n') Level 98-Cf-249
 Cross Section -71.80 To 85.20 %



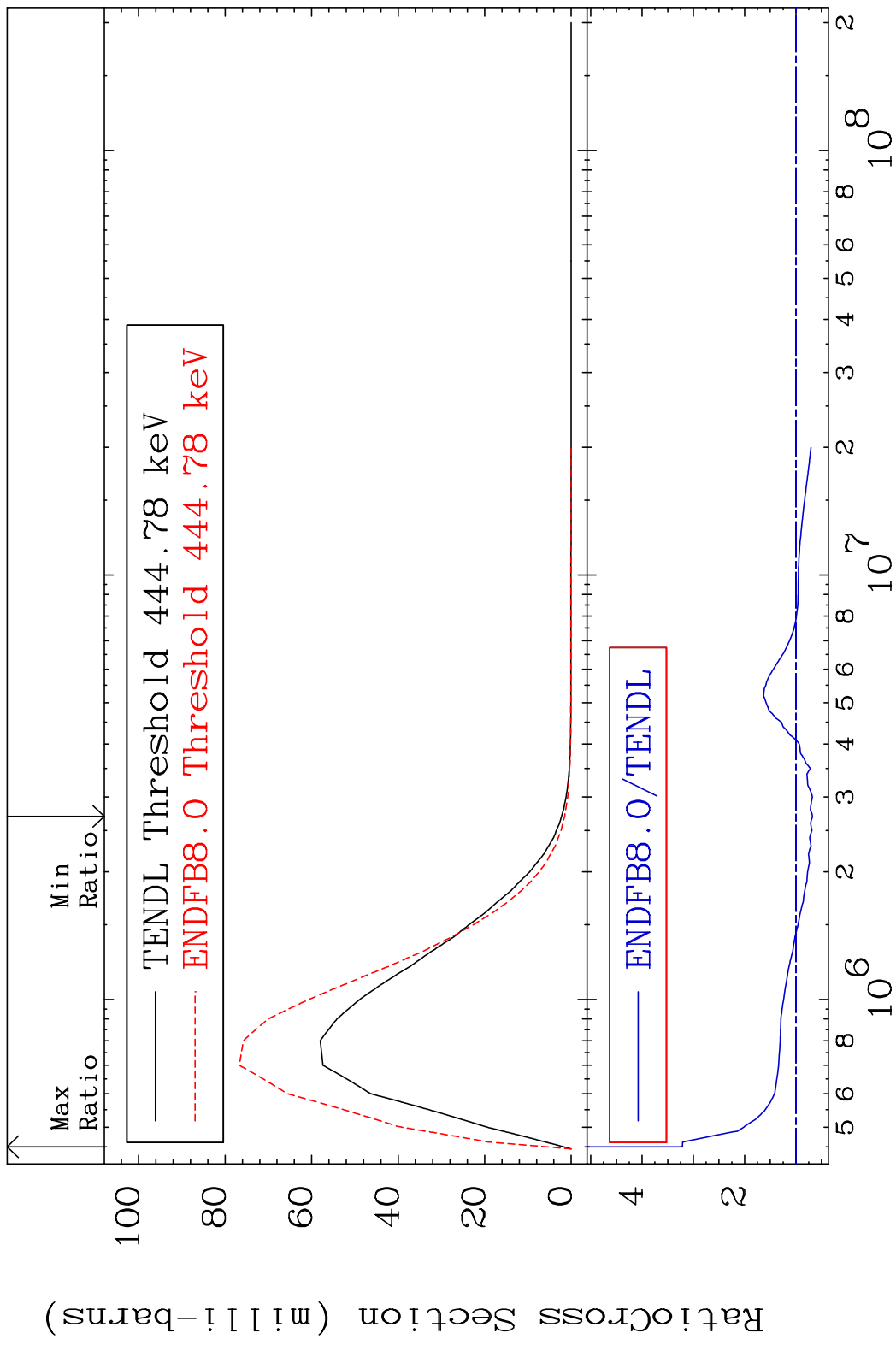
MAT 9852 MT= 63 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 718.3 %



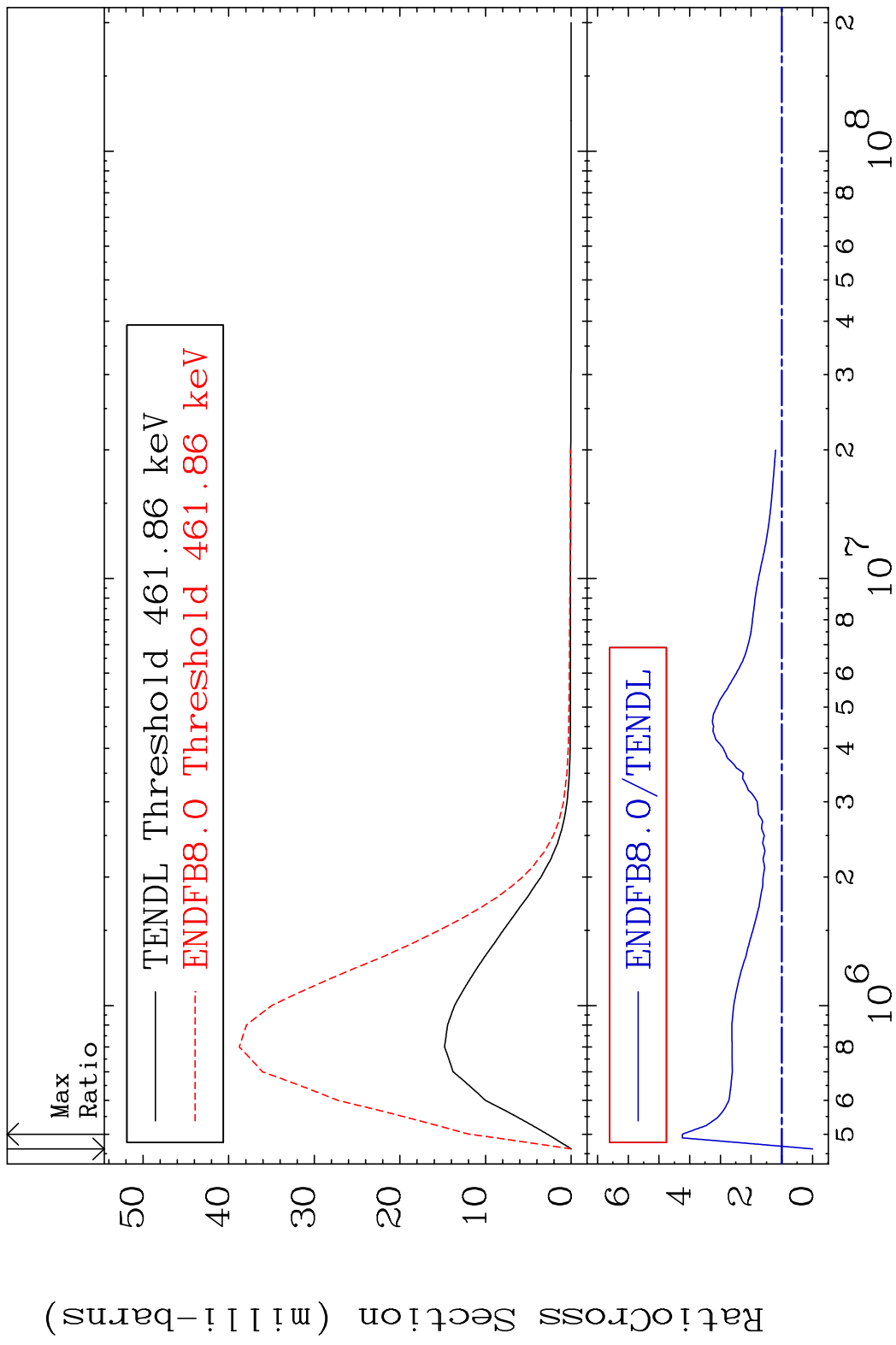
MAT 9852 MT= 64 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 113.8 %



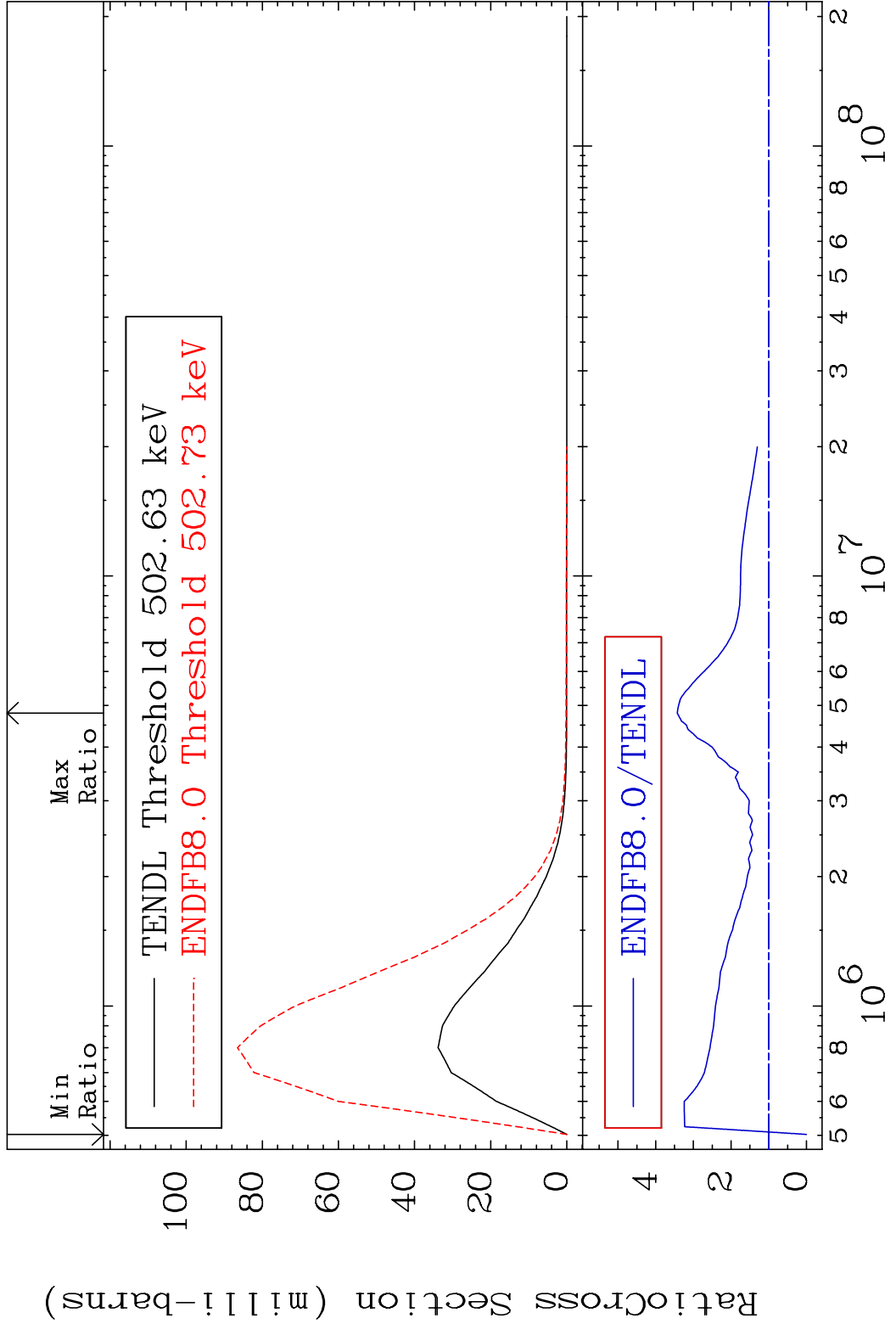
MAT 9852 MT= 65 (n,n') Level 98-Cf-249
 Cross Section -32.44 To 221.4 %



MAT 9852 MT= 66 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 323.8 %



MAT 9852 MT= 67 (n, n') Level 98-Cf-249
 Cross Section -100.0 To 242.9 %

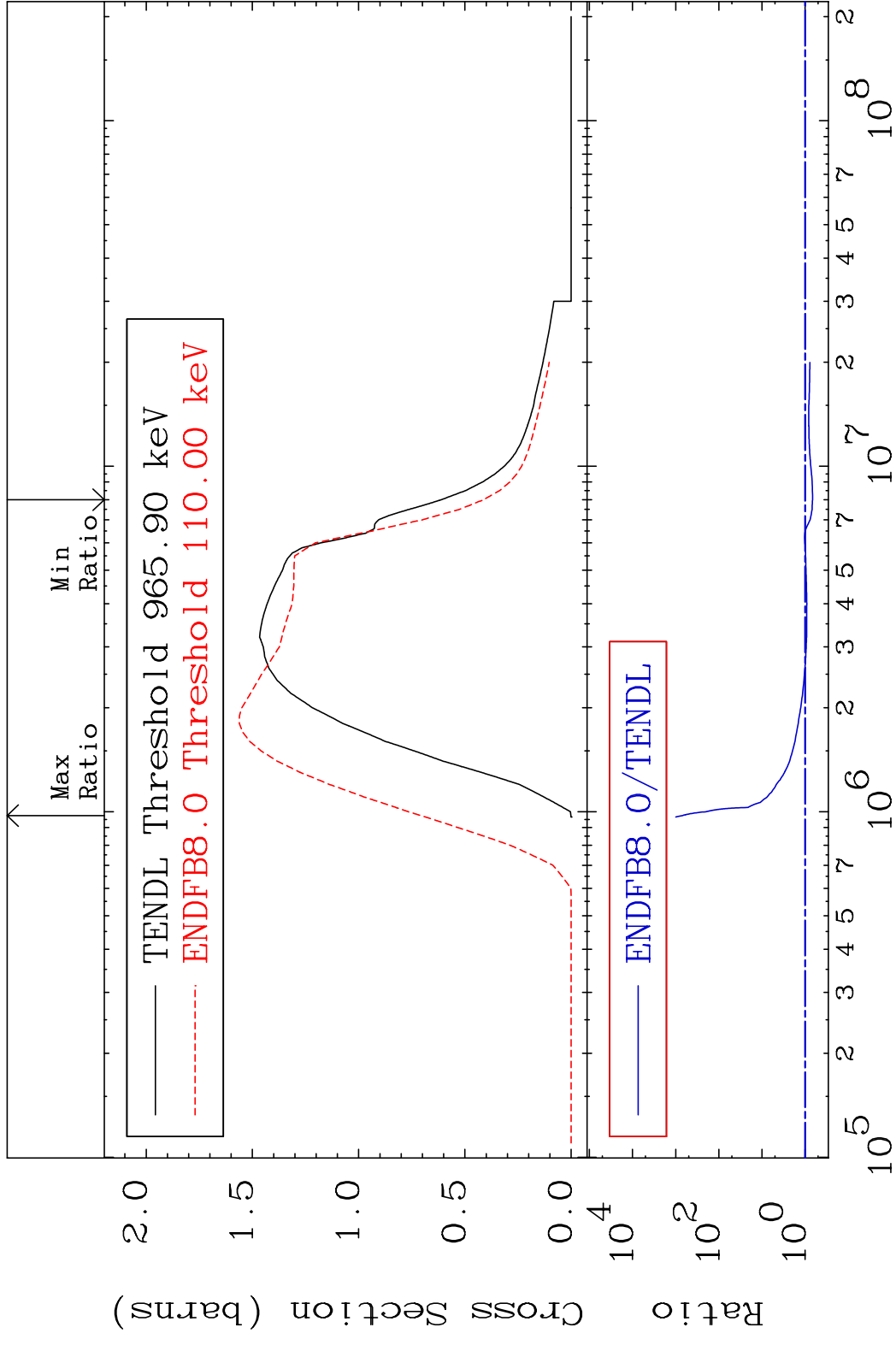


MAT 9852

(n, n') Continuum

98-Cf-249

Cross Section -32.51 To 9999. %



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Incident Energy (eV)

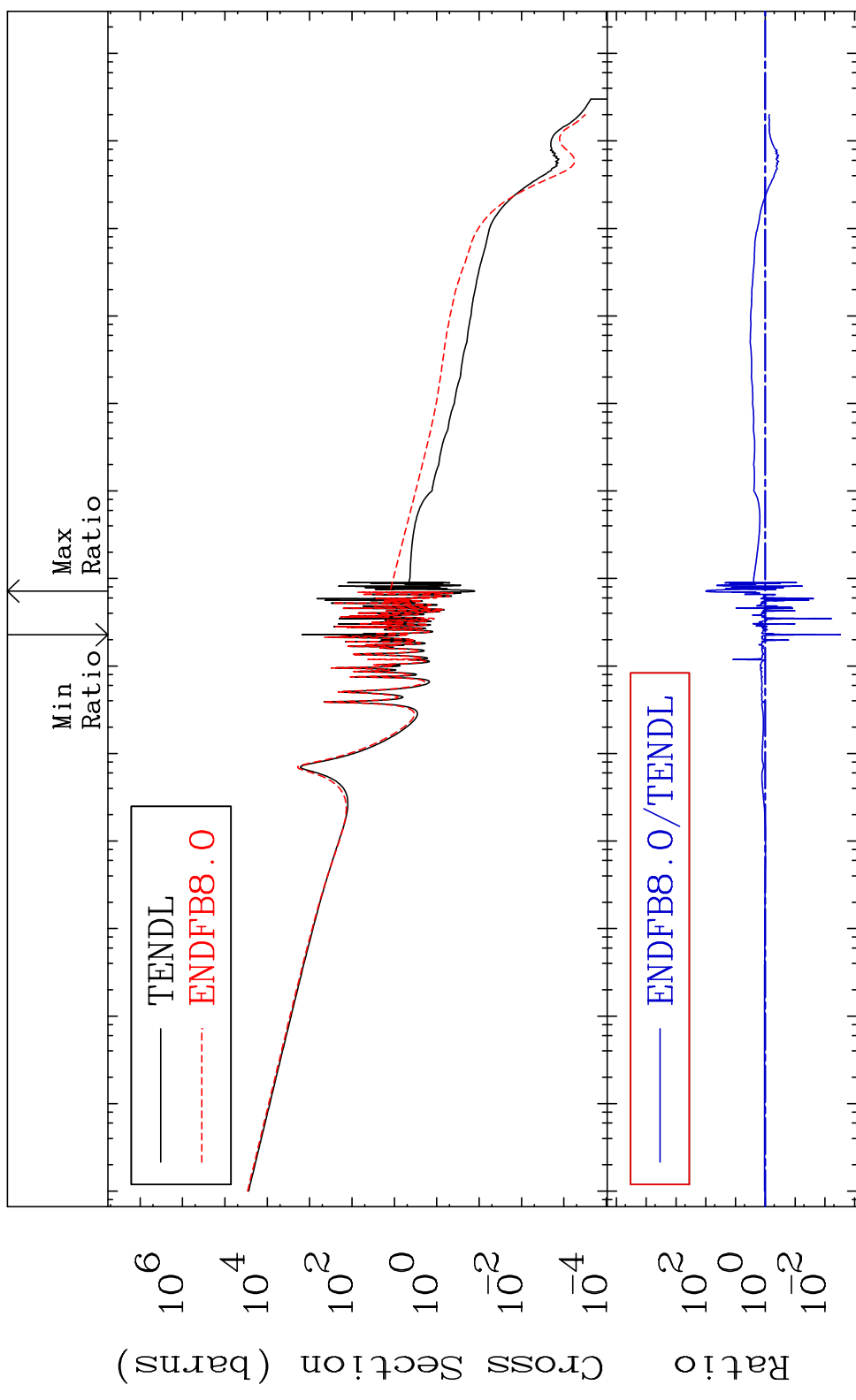
98-Cf-249

MAT 9852

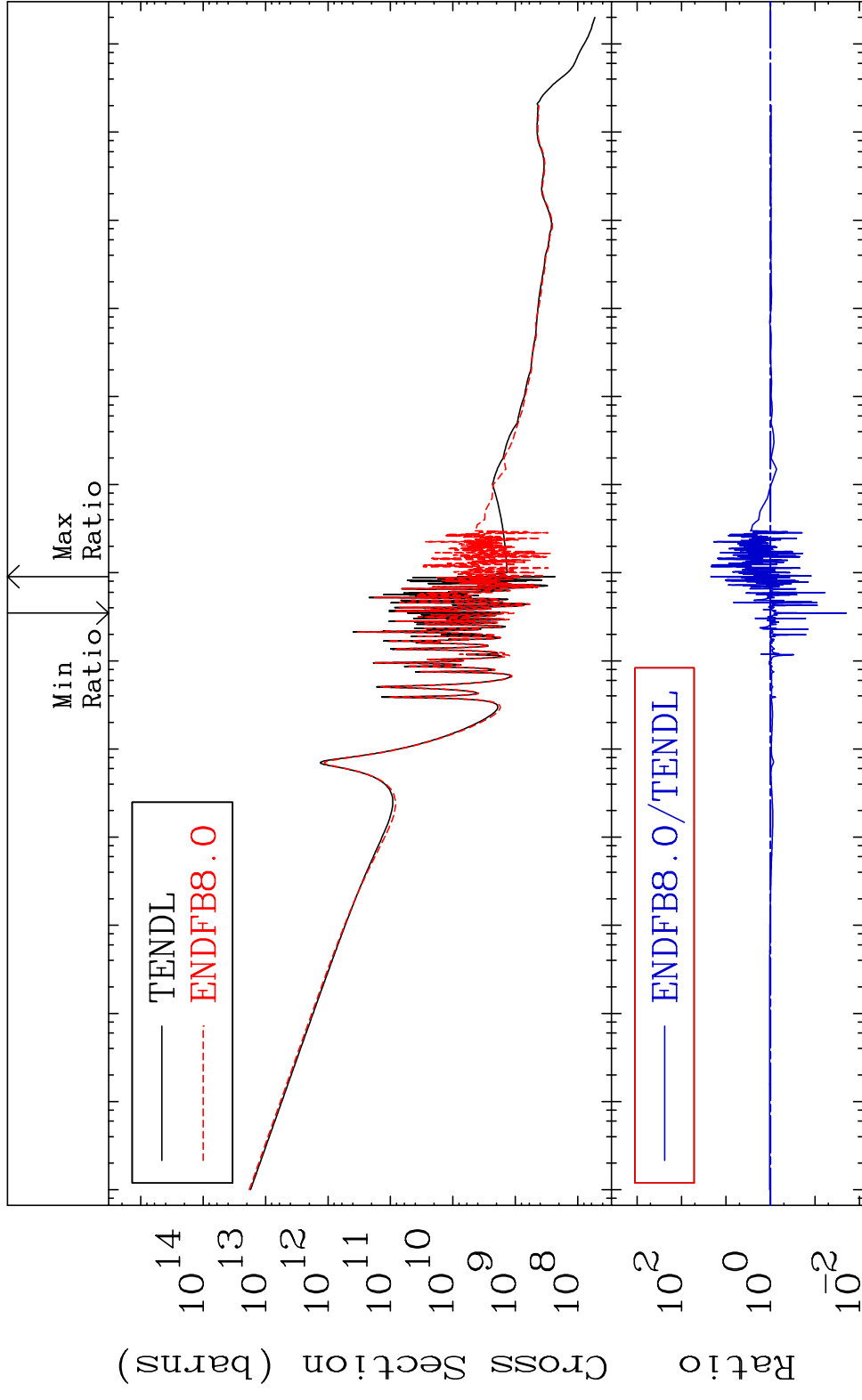
(n, γ)

98-Cf-249

Cross Section -99.70 To 9908. %



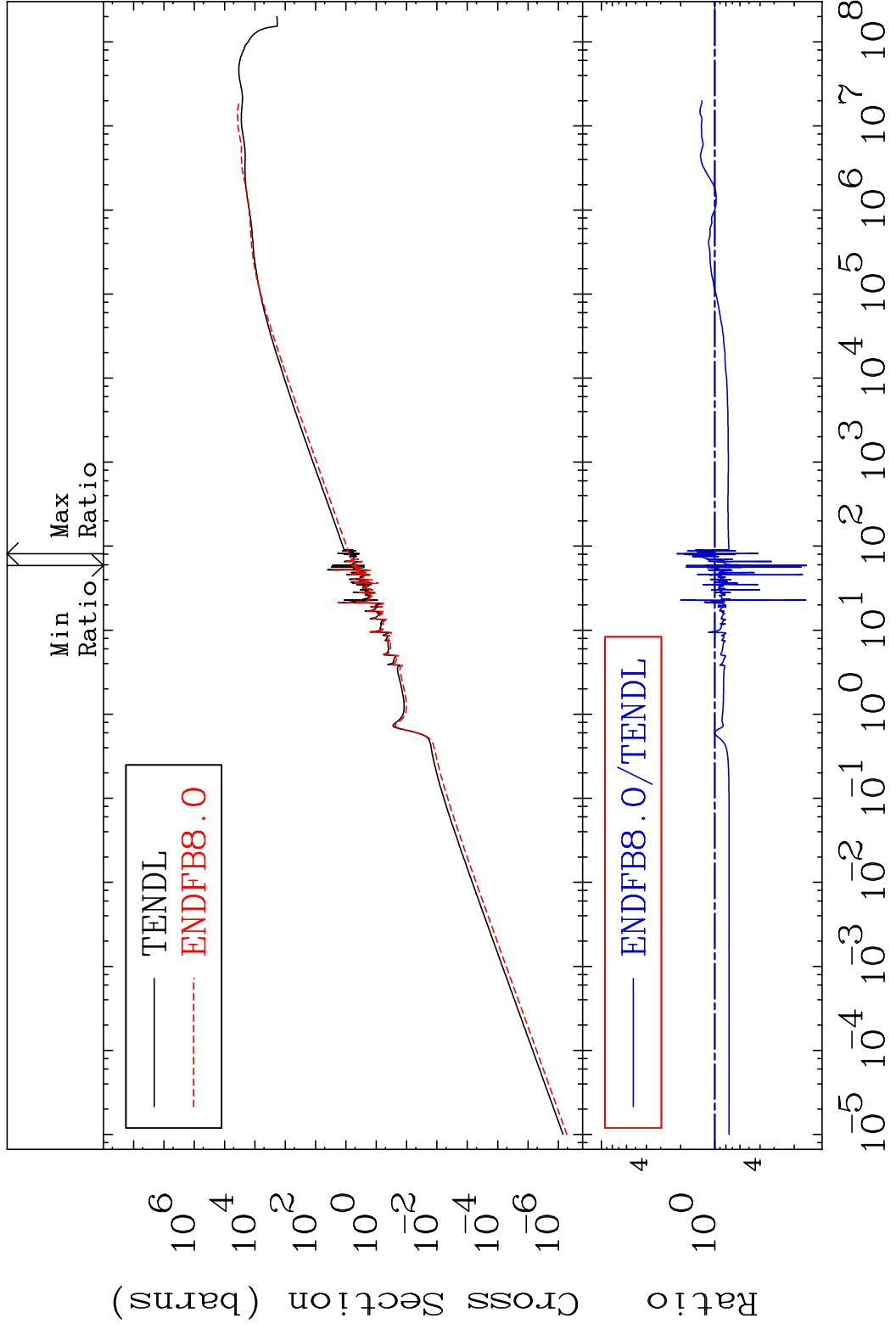
MAT 9852 Kerma total (eV-barns) 98-Cf-249
 Cross Section -98.03 To 2107. %



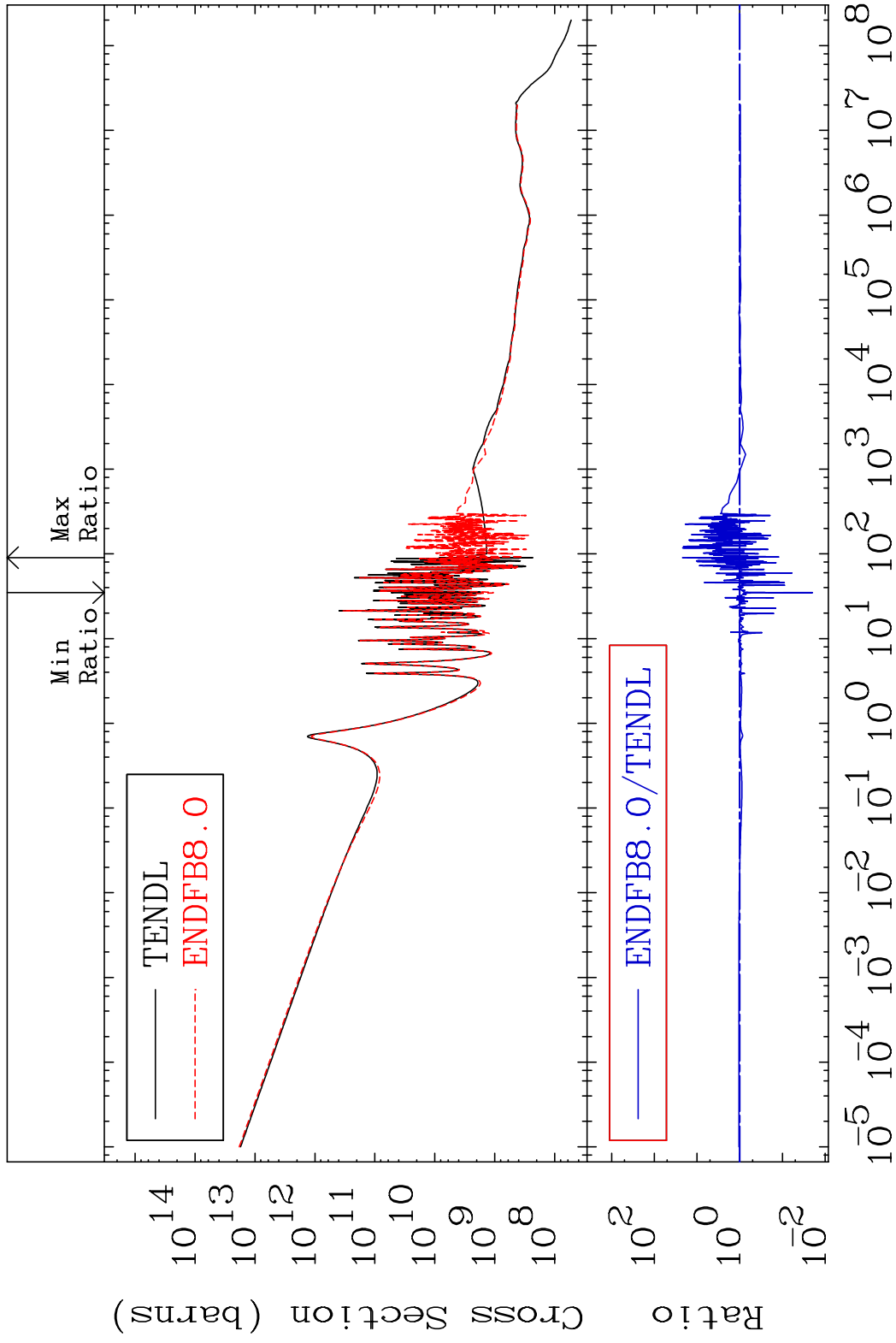
MAT 9852

Kerma elastic
Cross Section

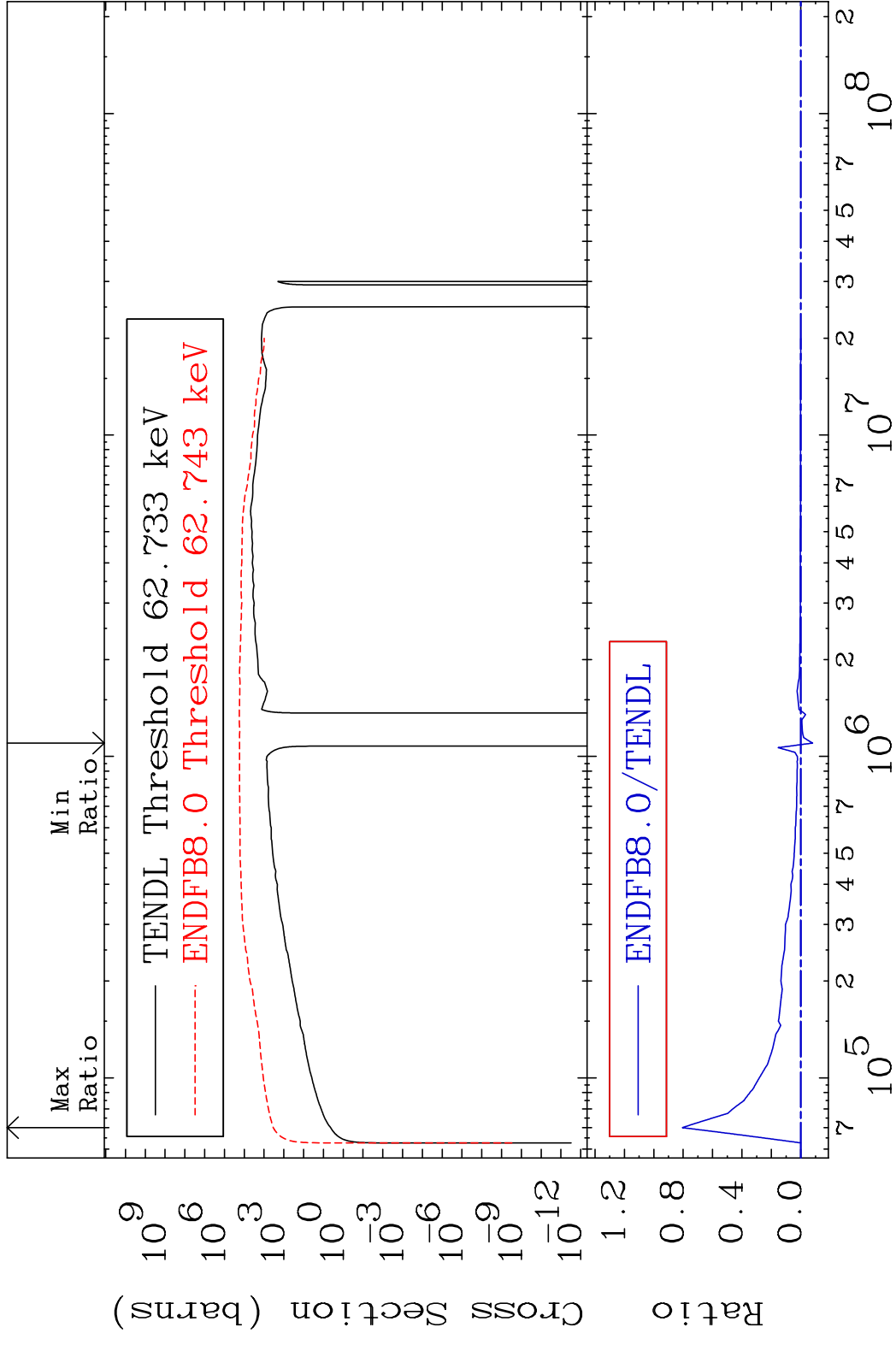
98-Cf-249
-84.39 To 114.6 %



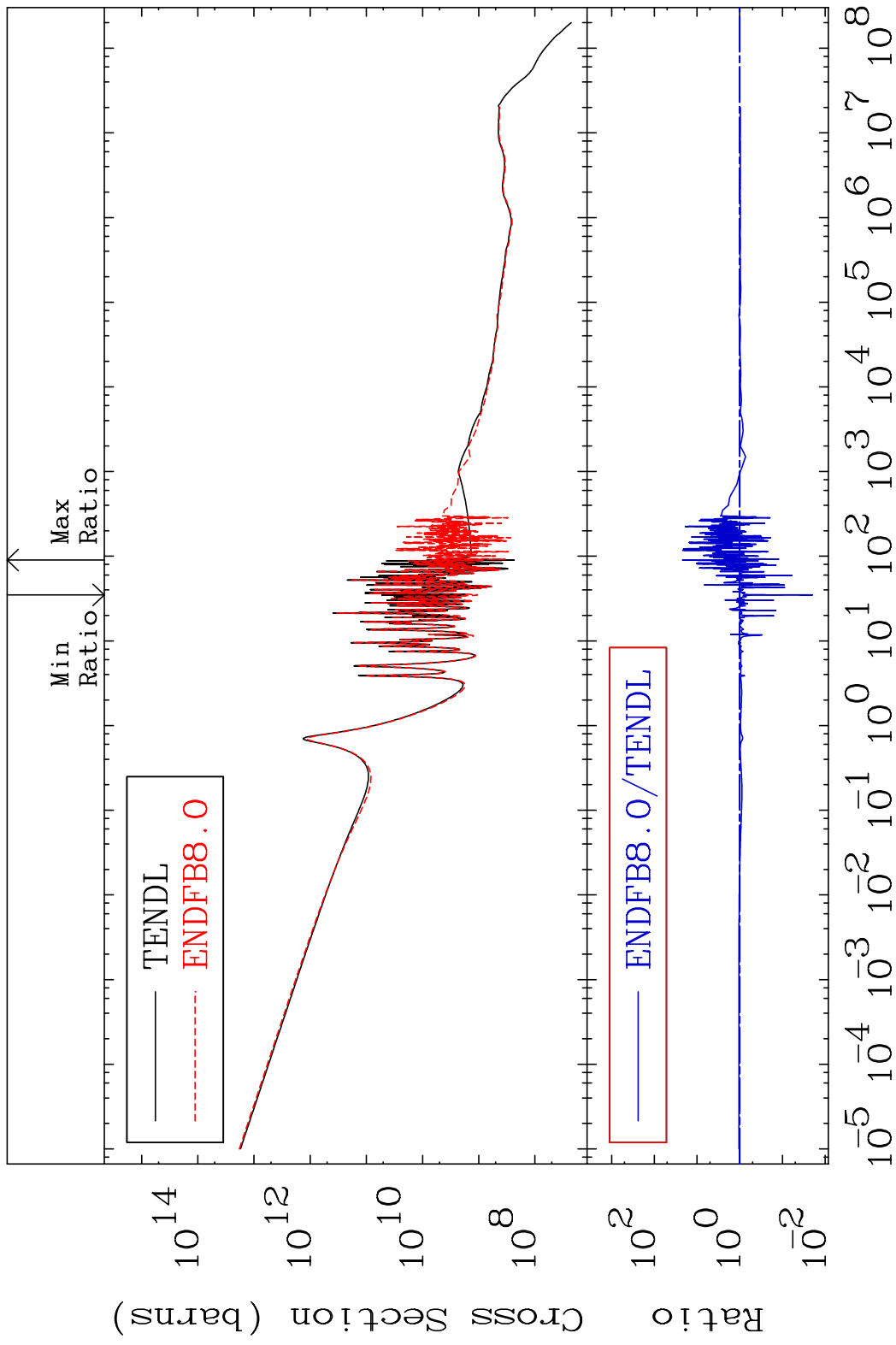
MAT 9852 Kerma non-elastic (all but mt2) 98-Cf-249
 Cross Section -98.03 To 2107. %



MAT 9852 Kerma inelastic (mt51-91) 98-Cf-249
 Cross Section -8066. To 9999. %

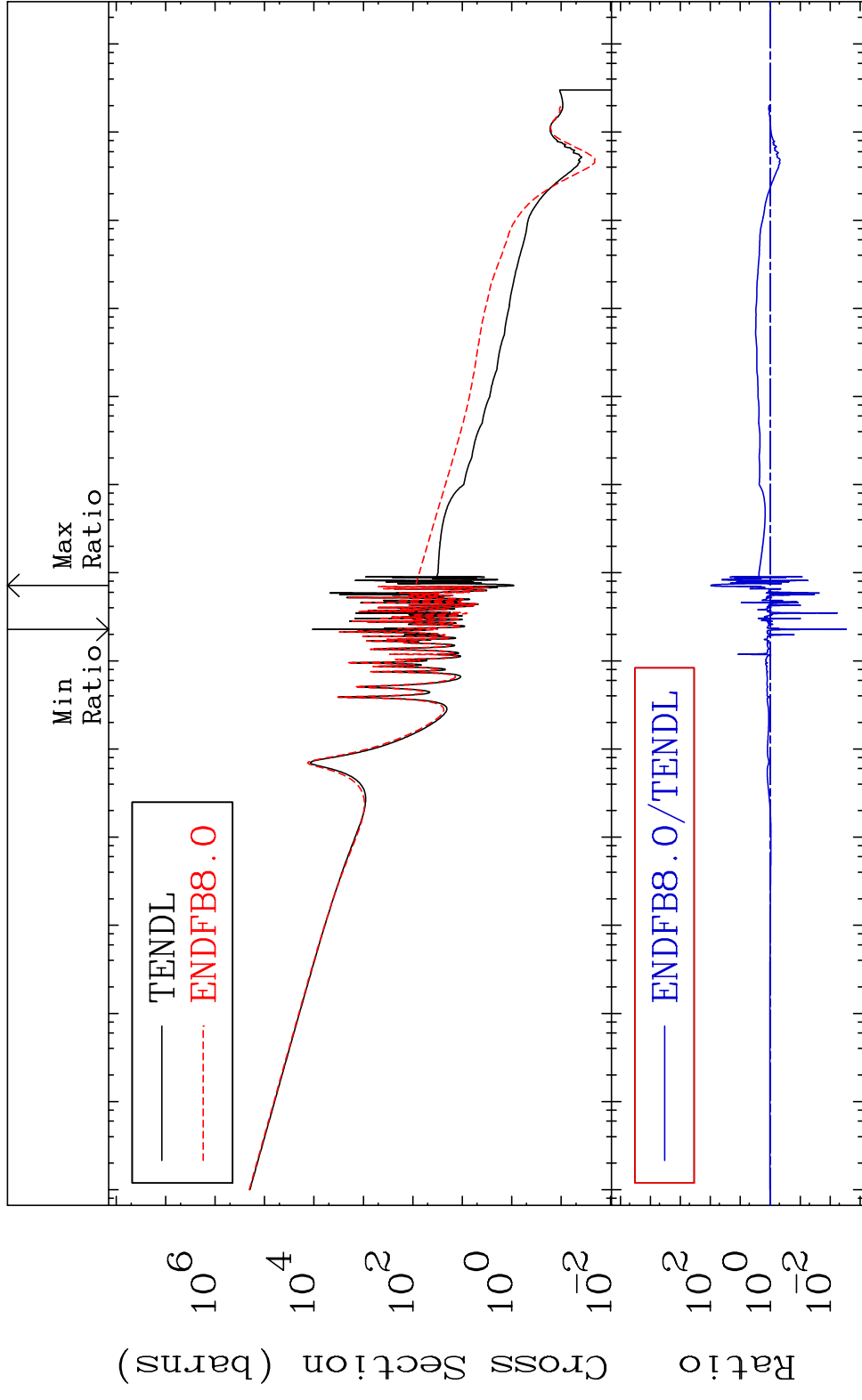


MAT 9852 Kerma fission (mt18 or mt19-20-21-38) 98-Cf-249
 Cross Section -98.03 To 2107. %

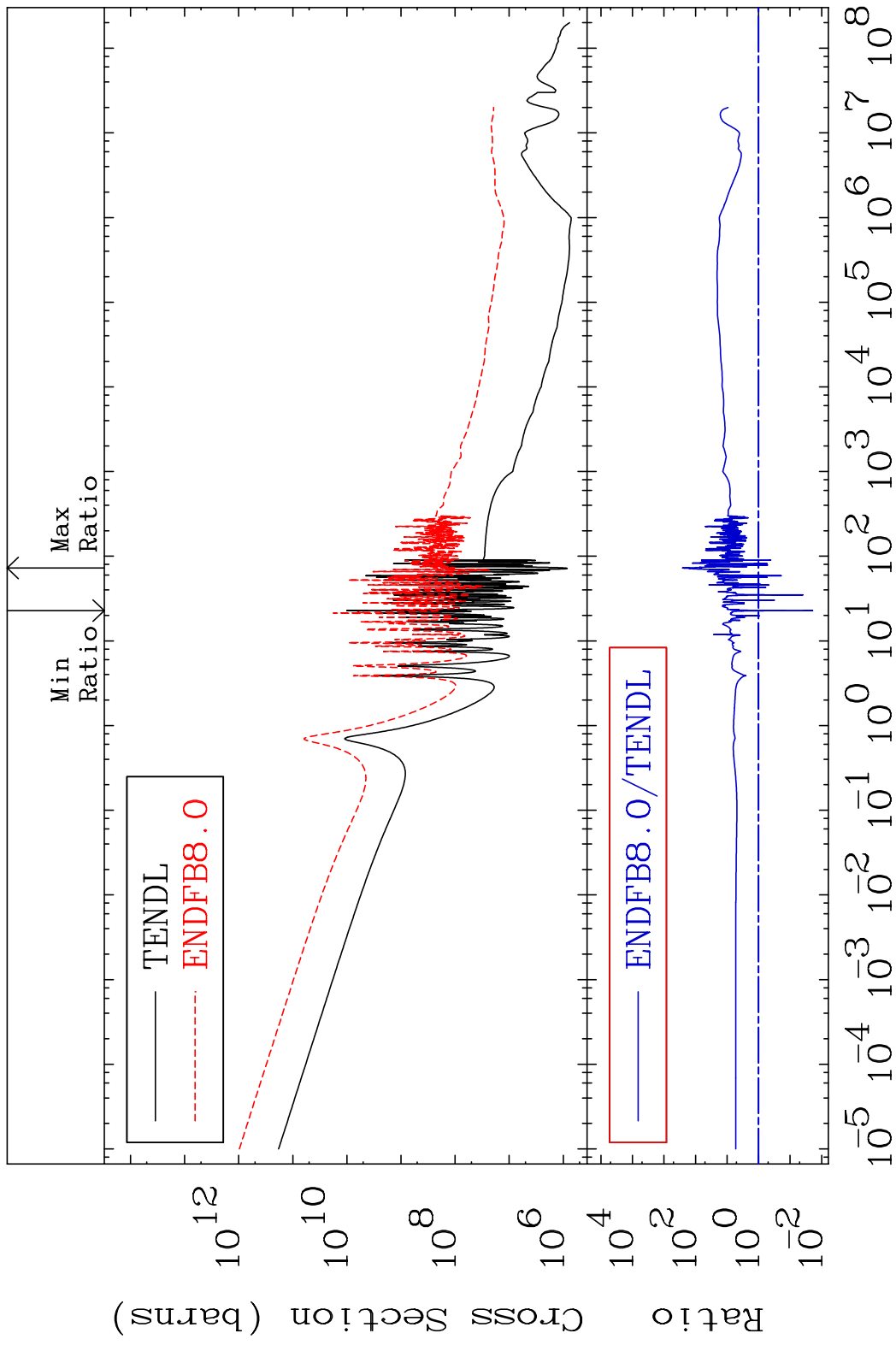


MAT 9852

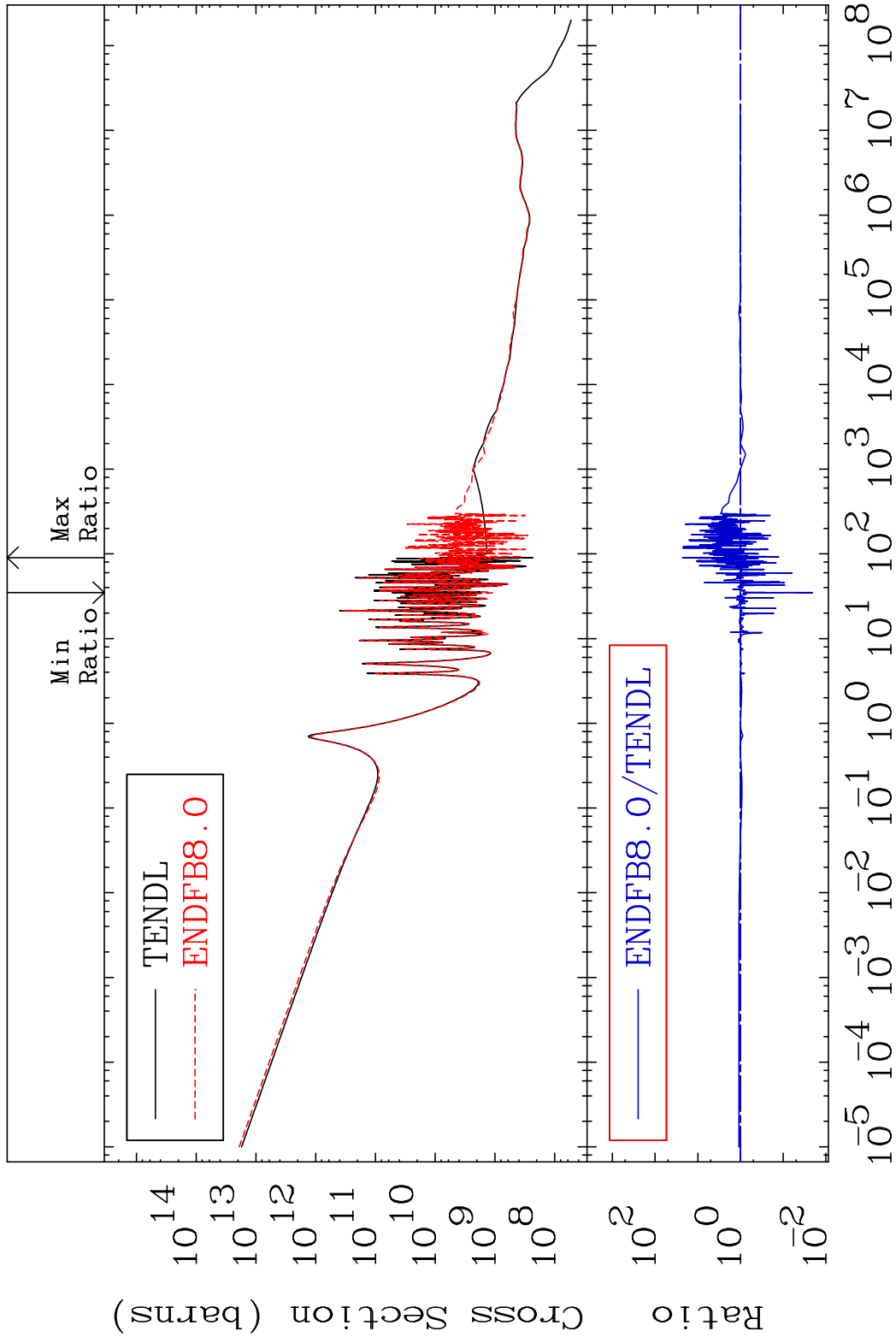
Kerma capture (mt102) 98-Cf-249
Cross Section -99.71 To 9619. %



MAT 9852 Total photon (eV-barns) 98-Cf-249
 Cross Section -98.06 To 9999. %



MAT 9852 Total kinematic kerma (high limit) 98-Cf-249
 Cross Section -97.94 To 2202. %

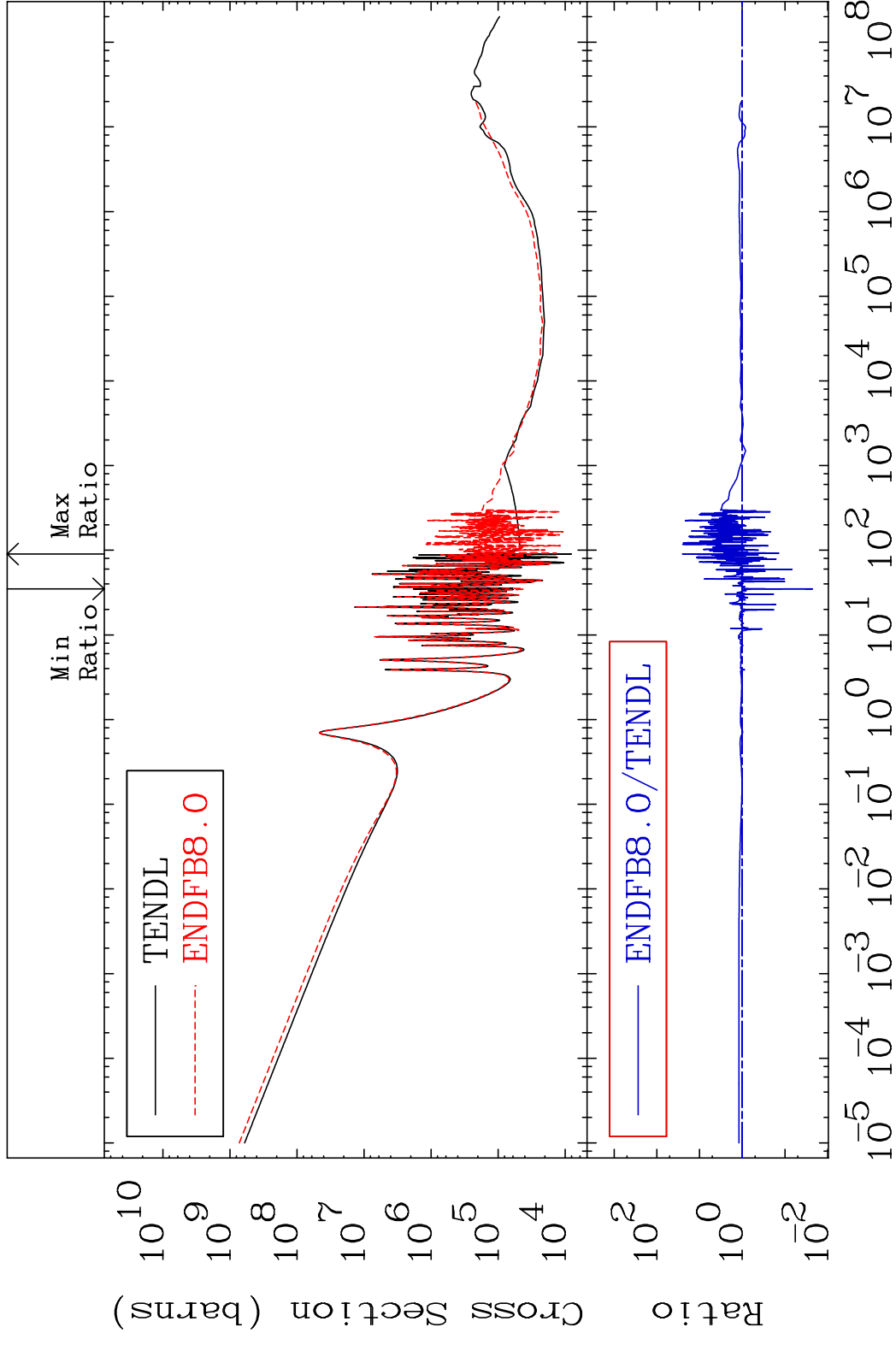


MAT 9852

Dpa total (eV-barns)

98-Cf-249

Cross Section -97.74 To 2423. %



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Incident Energy (eV)

98-Cf-249

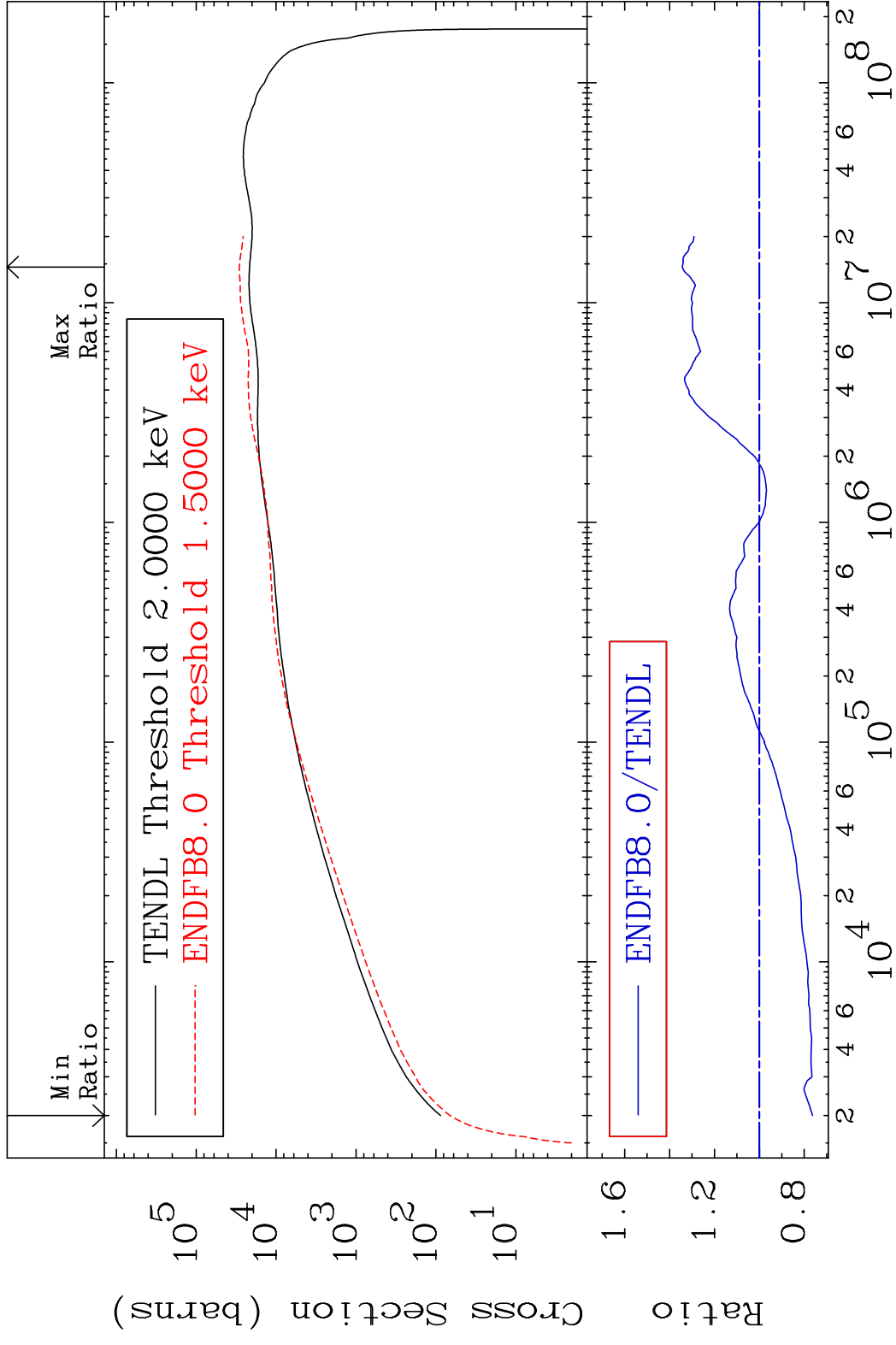
MAT 9852

Dpa elastic (mt2)

98-Cf-249

Cross Section

-23.69 To 34.31 %

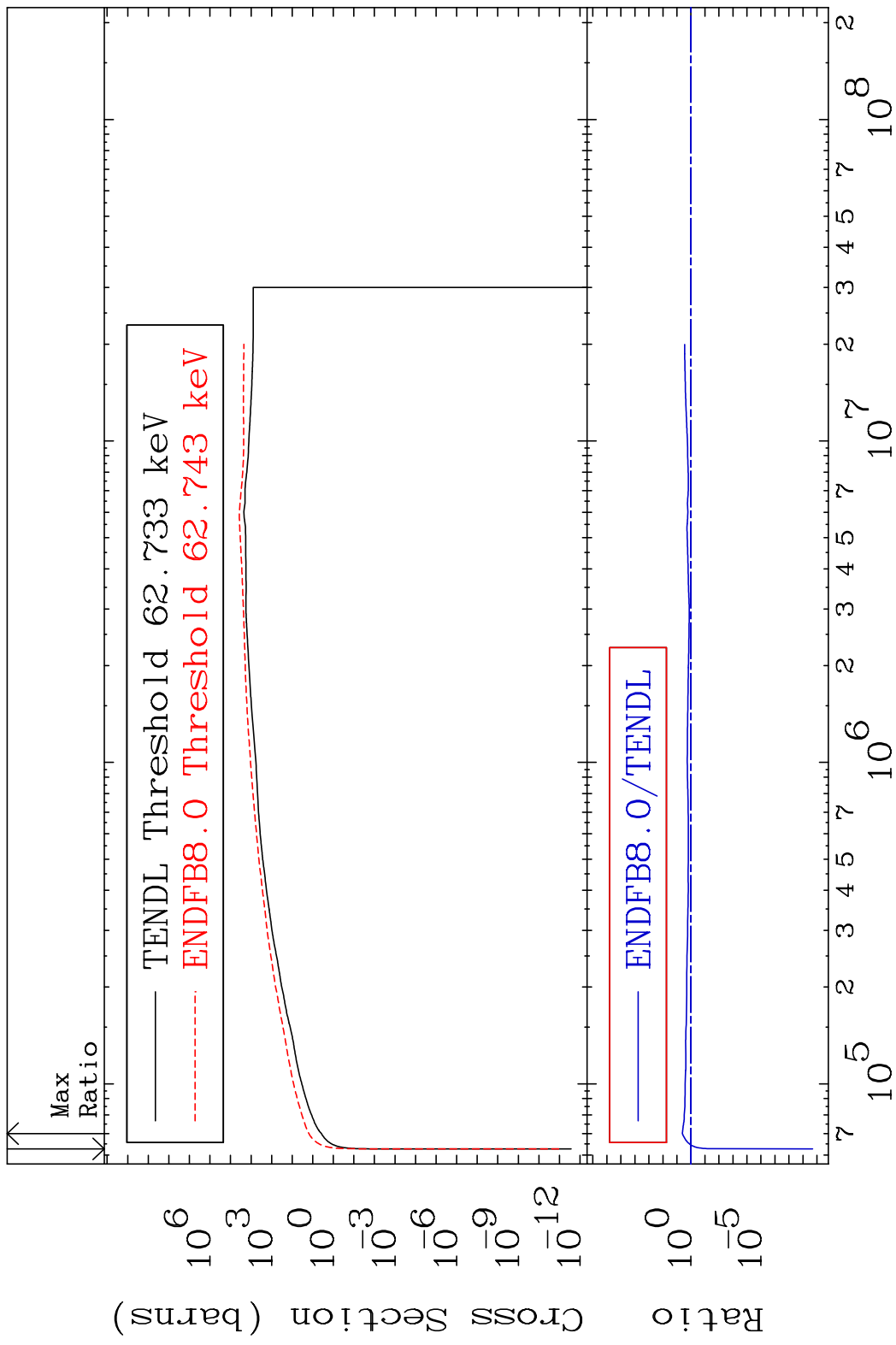


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Incident Energy (eV)

98-Cf-249

MAT 9852 Dpa inelastic (mt51-91) 98-Cf-249
 Cross Section -100.0 To 308.3 %



MAT 9852 Dpa disappearance (mt102 -120) 98-Cf-249
 Cross Section -100.0 To 7491. %

