

Program Complot
(Version 2021-1)

by

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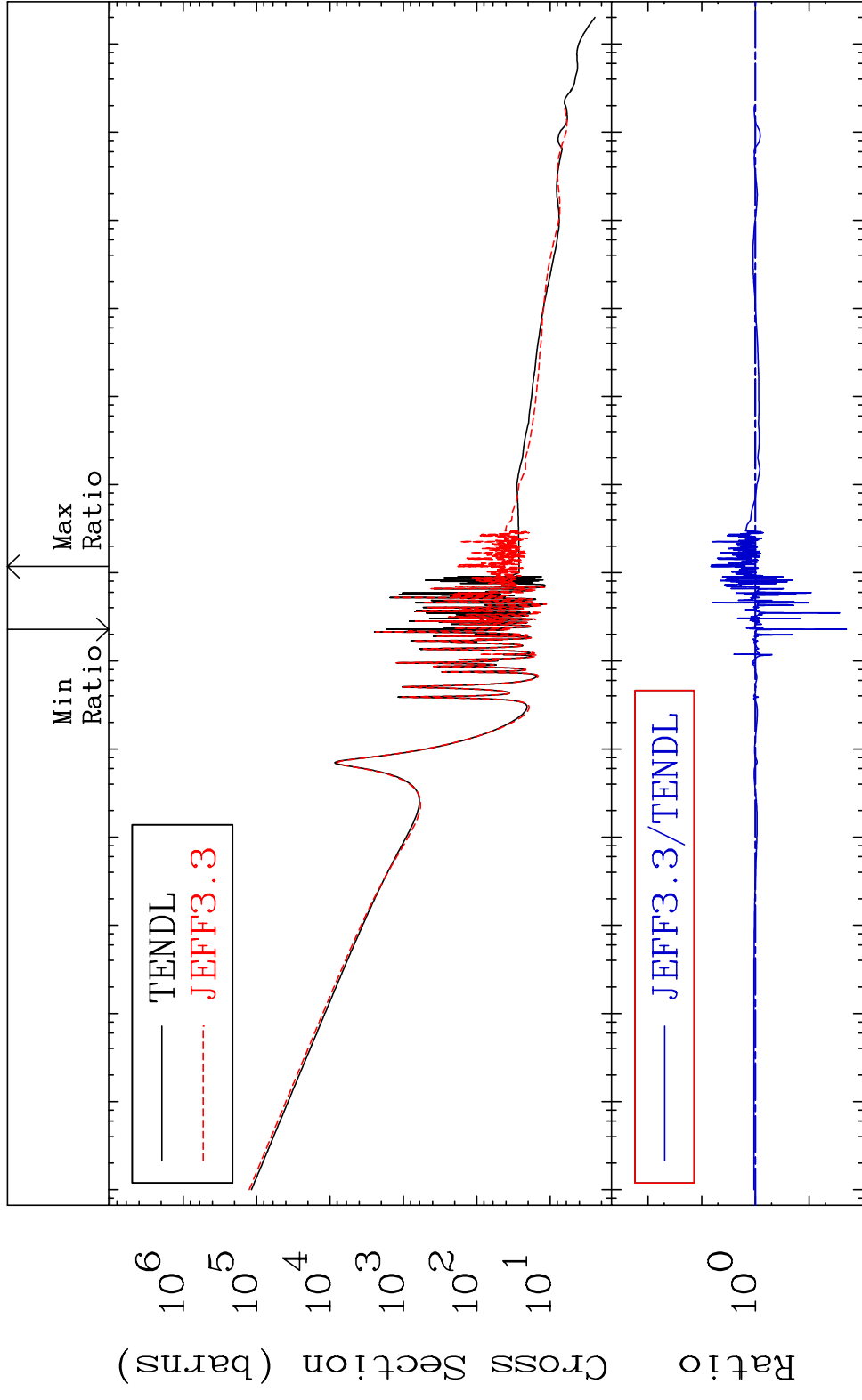
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9852

Total Cross Section -97.96 To 582.1 %

98-Cf-249



1

Incident Energy (eV)

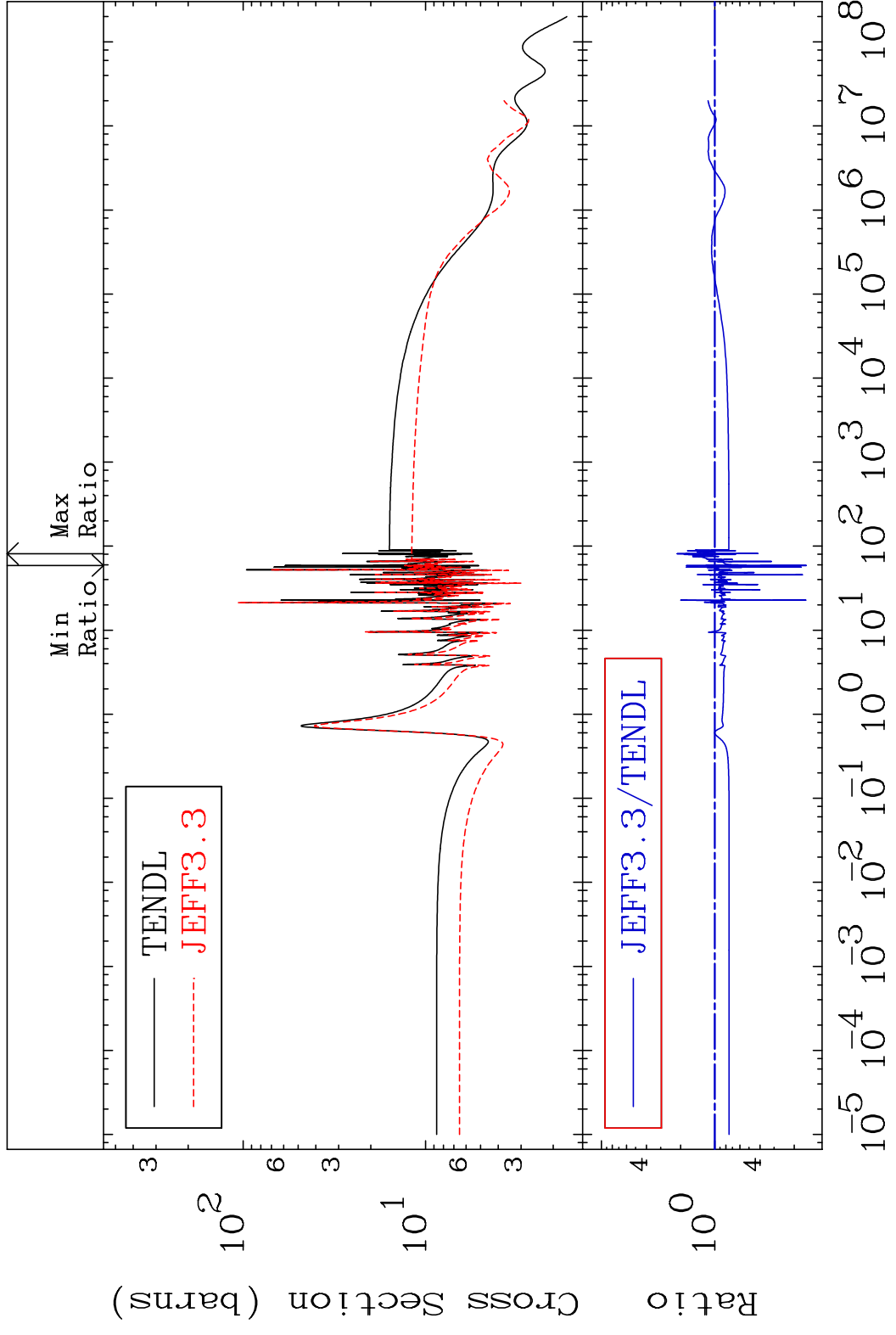
98-Cf-249

MAT 9852

Elastic

98-Cf-249

Cross Section -84.39 To 114.6 %

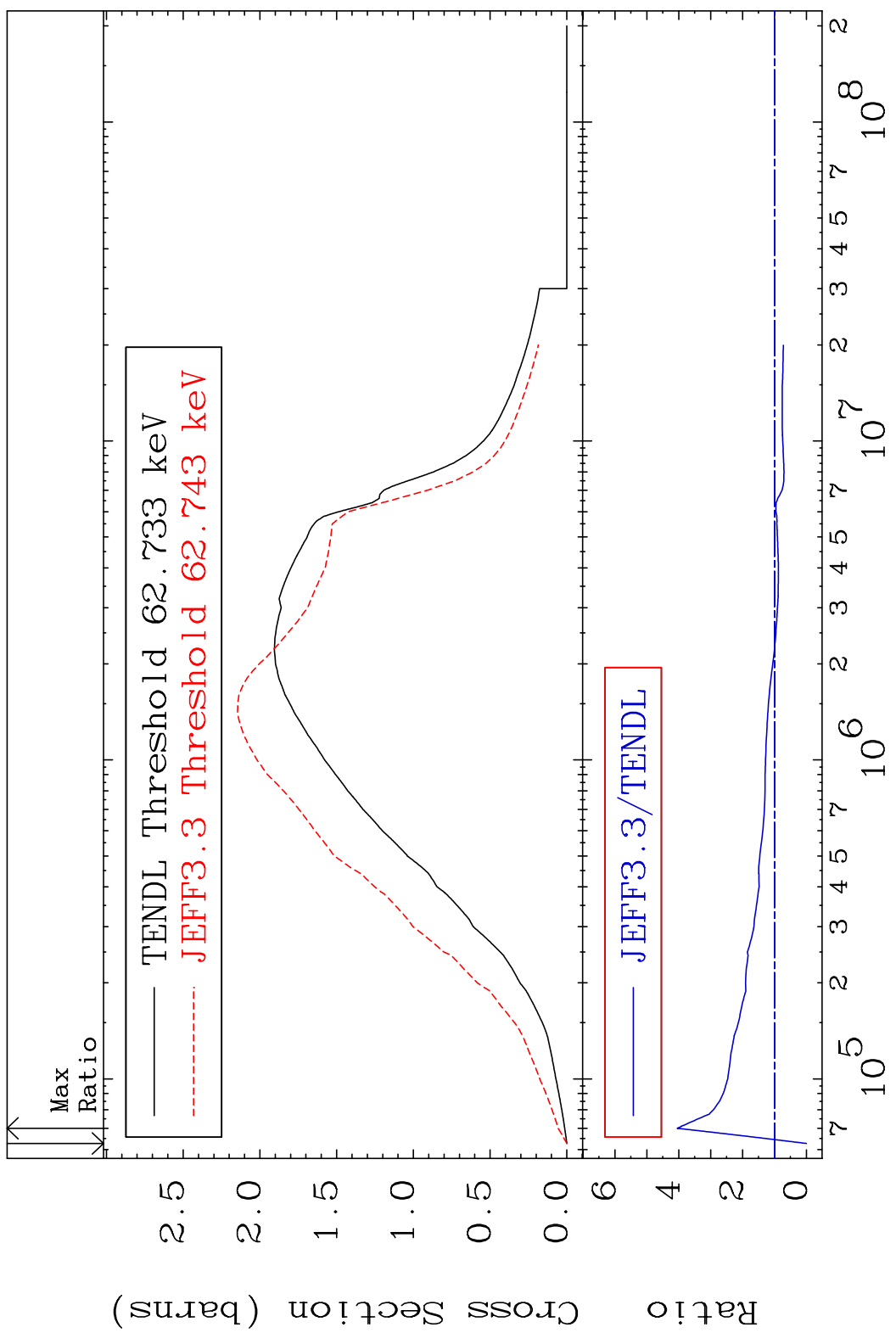


MAT 9852

Inelastic

98-Cf-249

Cross Section -100.0 To 304.8 %



3

Incident Energy (eV)

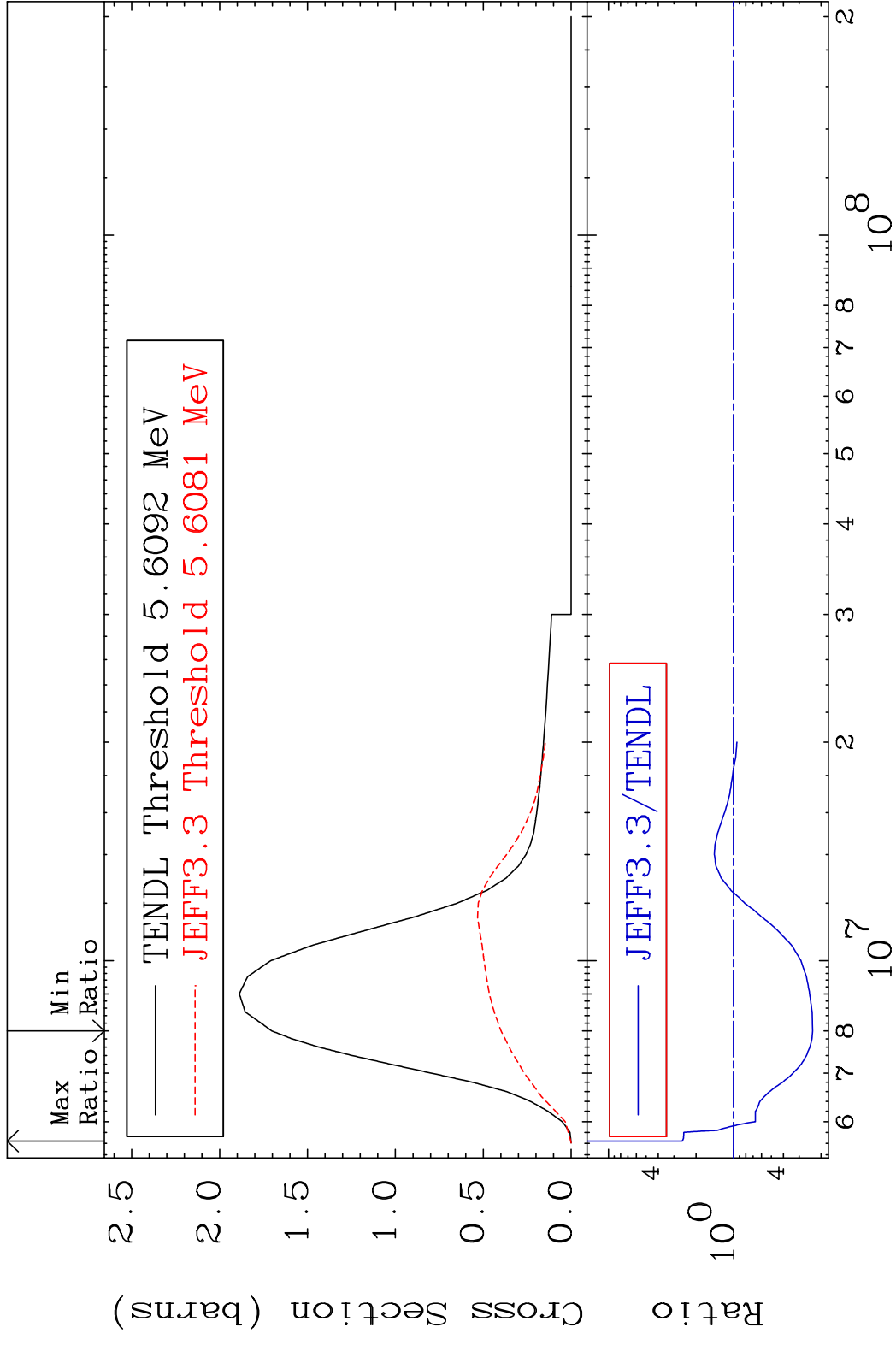
98-Cf-249

MAT 9852

(n,2n)

98-Cf-249

Cross Section -76.58 To 157.0 %



4

Incident Energy (eV)

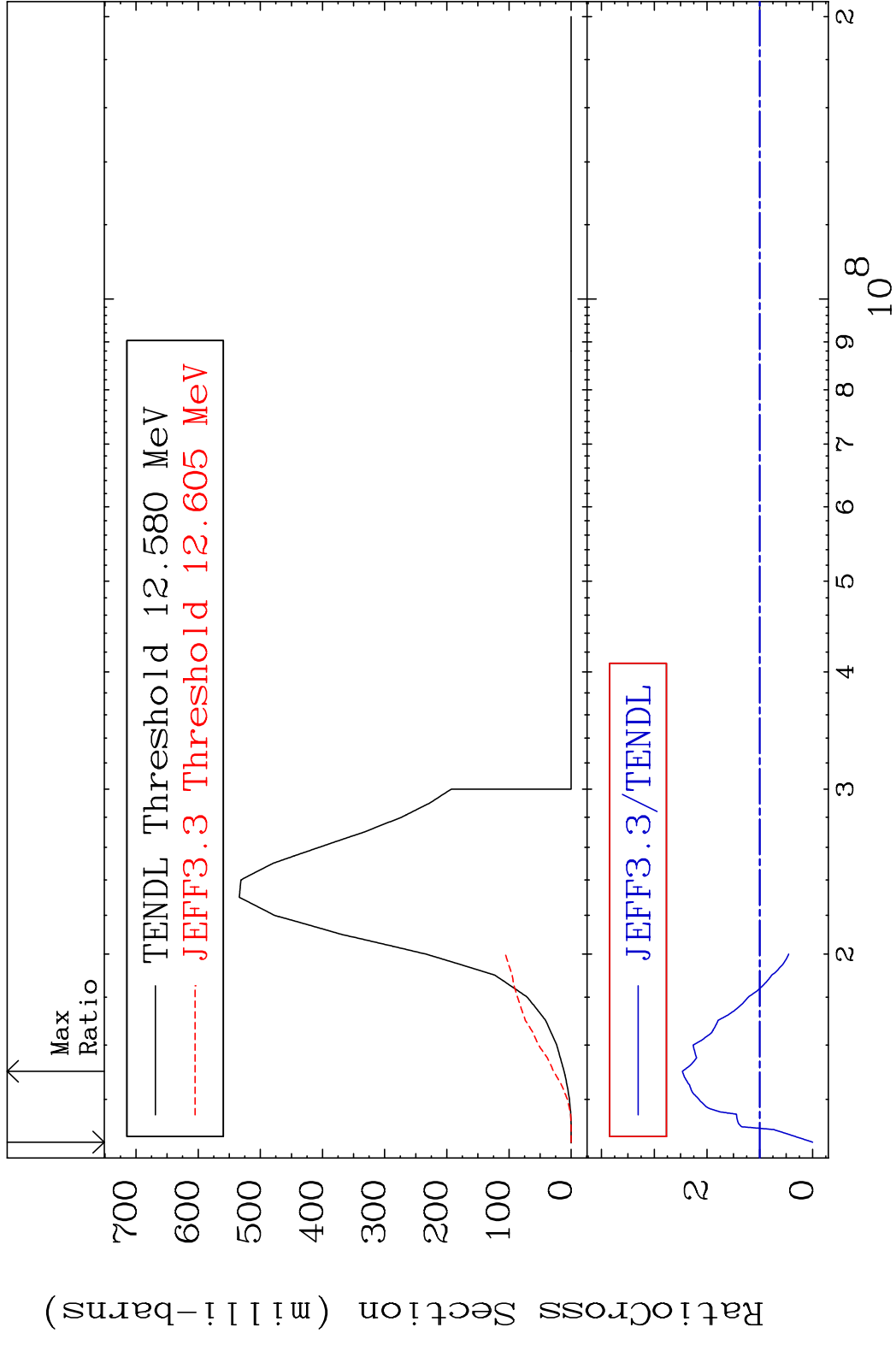
98-Cf-249

MAT 9852

(n,3n)

98-Cf-249

Cross Section -100.0 To 146.7 %



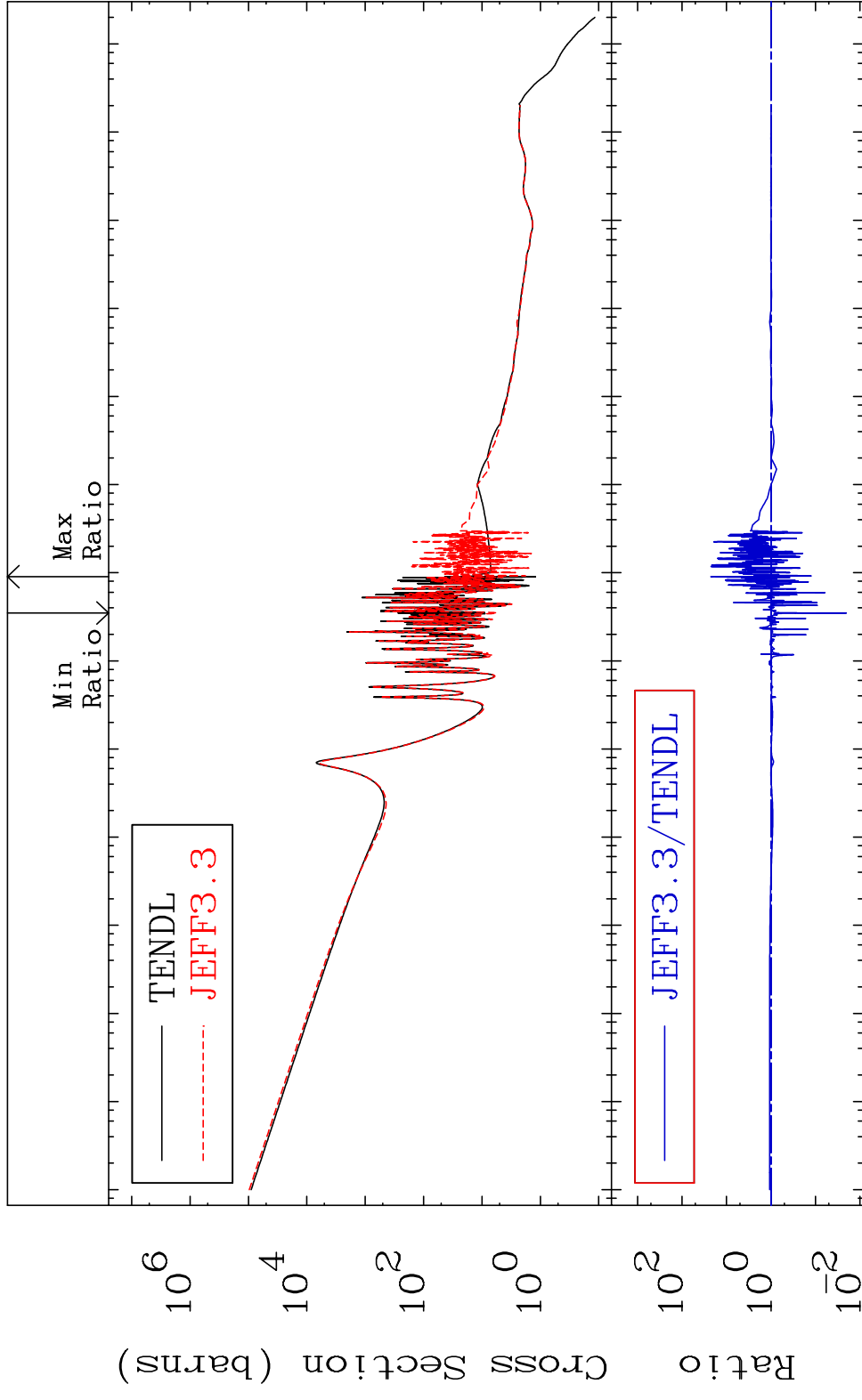
5

Incident Energy (eV)

98-Cf-249

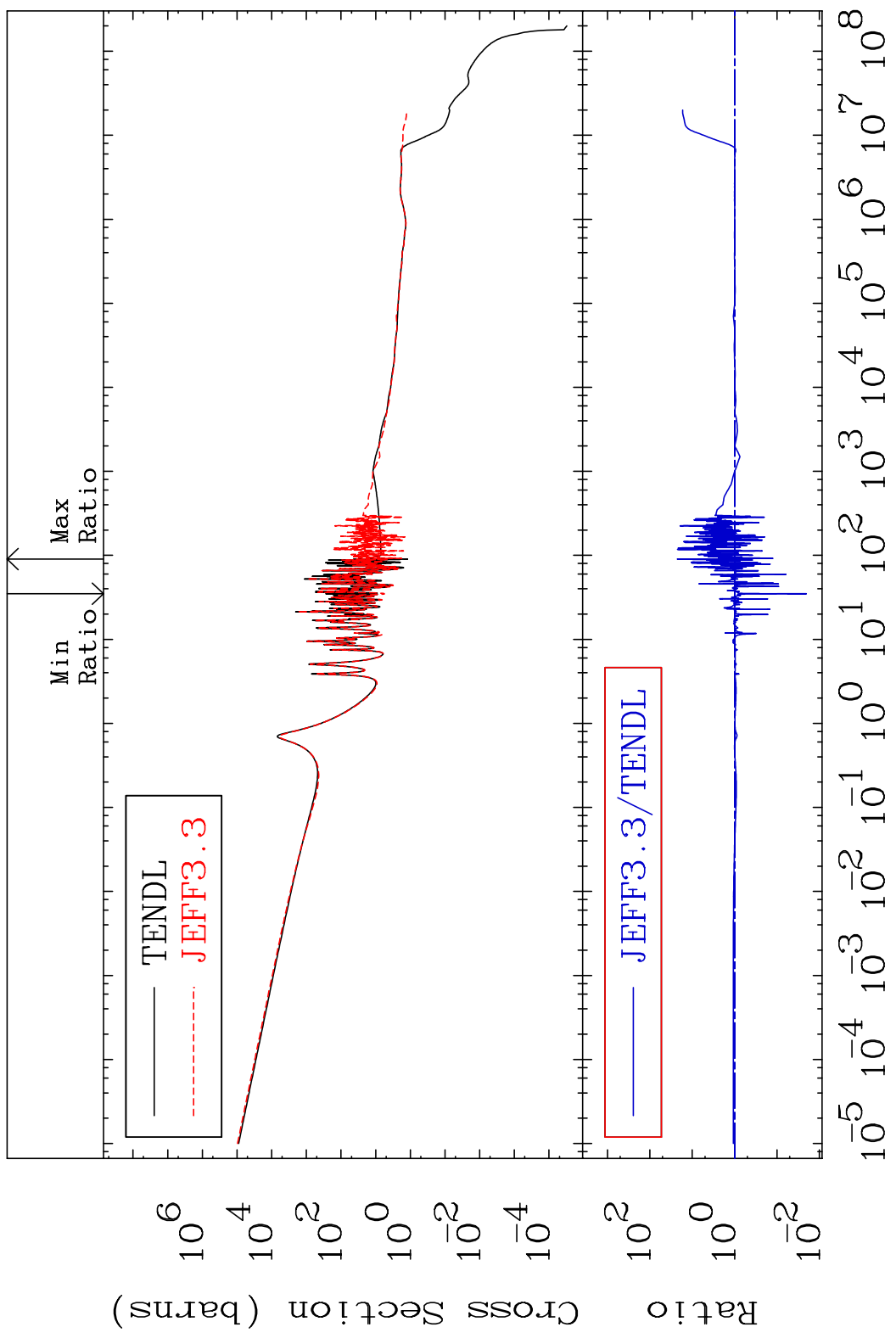
MAT 9852

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

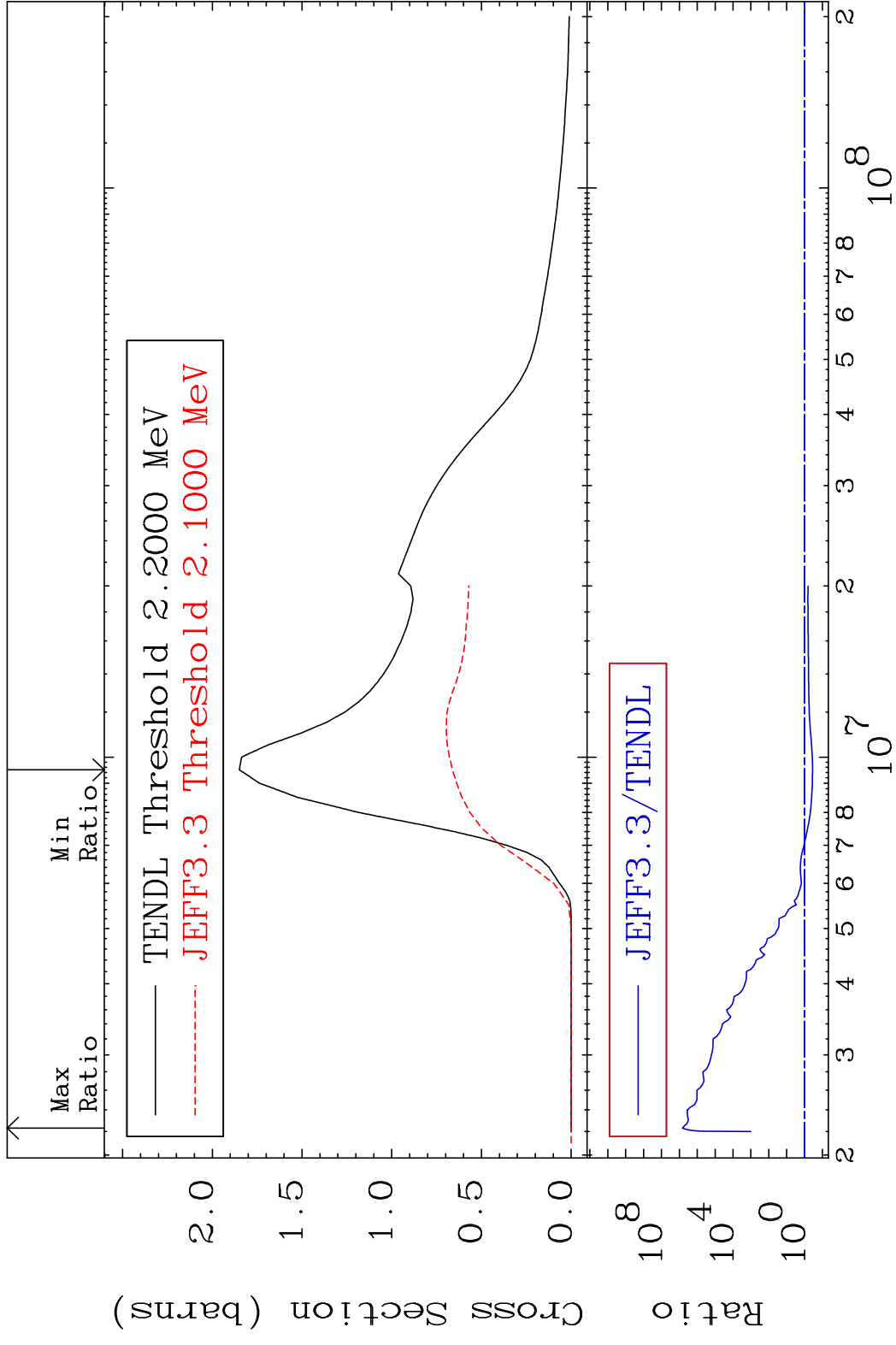


MAT 9852

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



MAT 9852 (n,nf) Second Chance 98-Cf-249
 Cross Section -64.22 To 9999. %



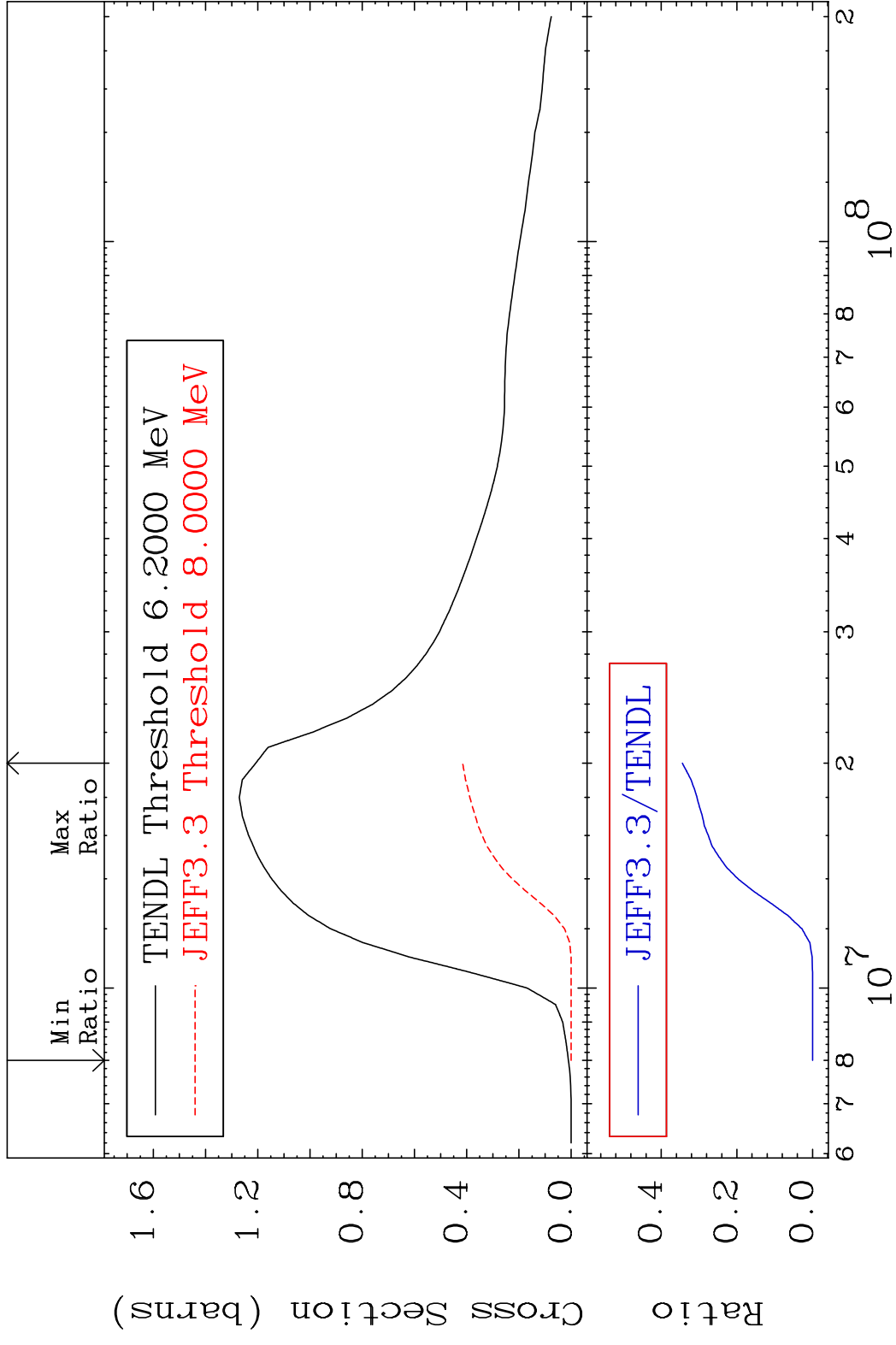
8 Incident Energy (eV) 98-Cf-249

MAT 9852

(n,2nf) Third Chance

98-Cf-249

Cross Section -100.0 To -65.59%



9

Incident Energy (eV)

98-Cf-249

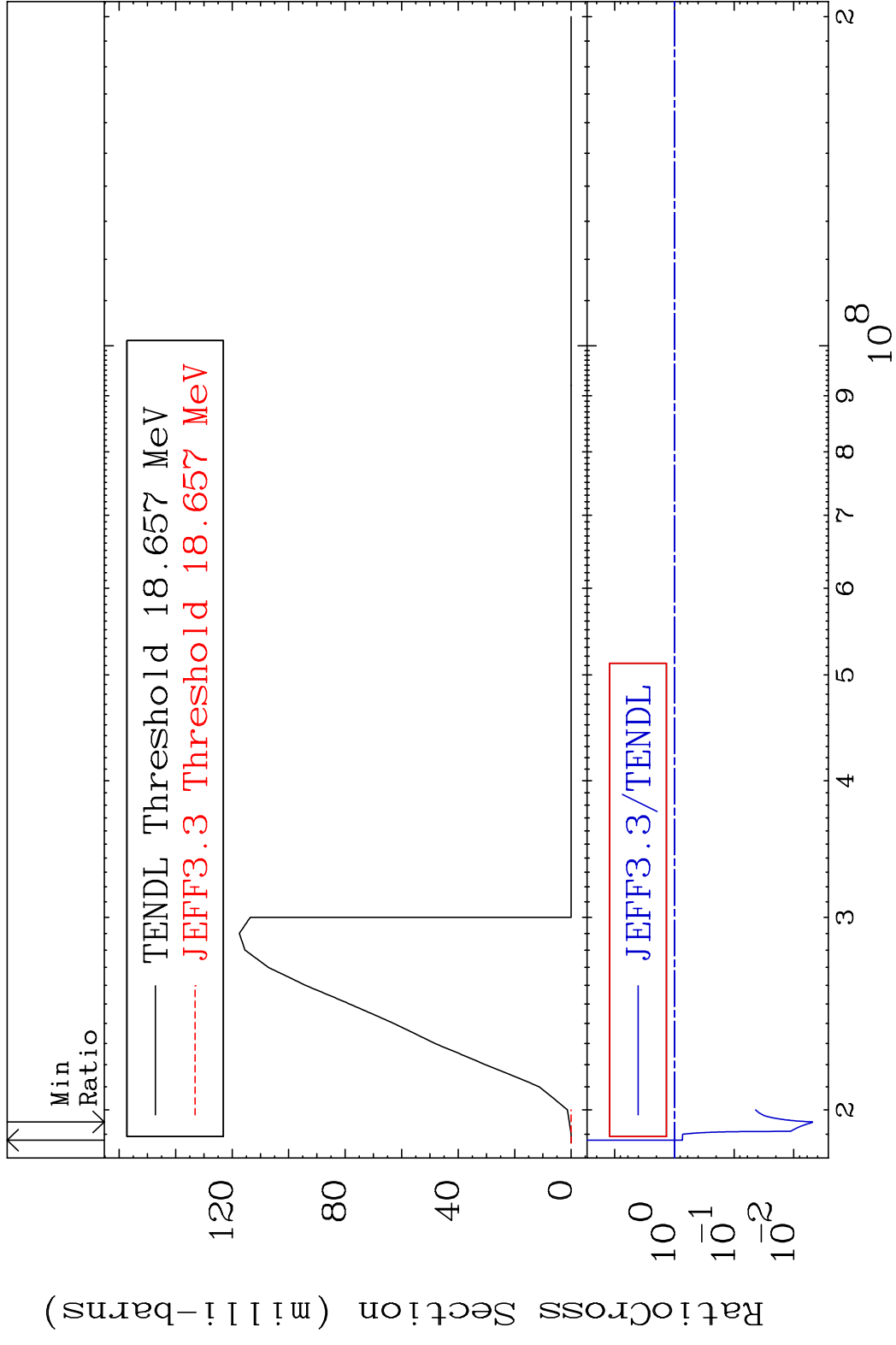
MAT 9852

(n,4n)

98-Cf-249

Cross Section

-99.52 To -26.47%

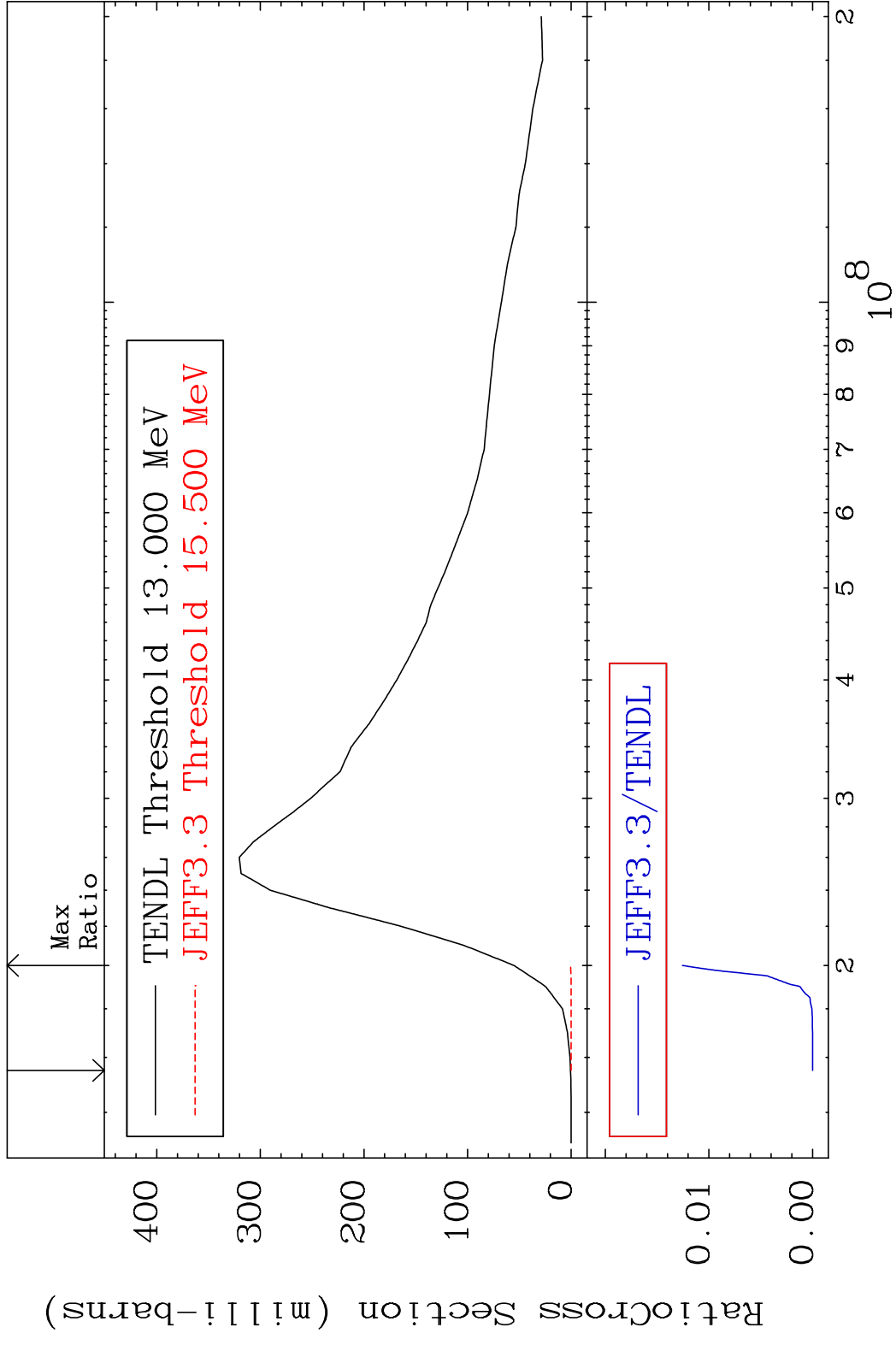


10

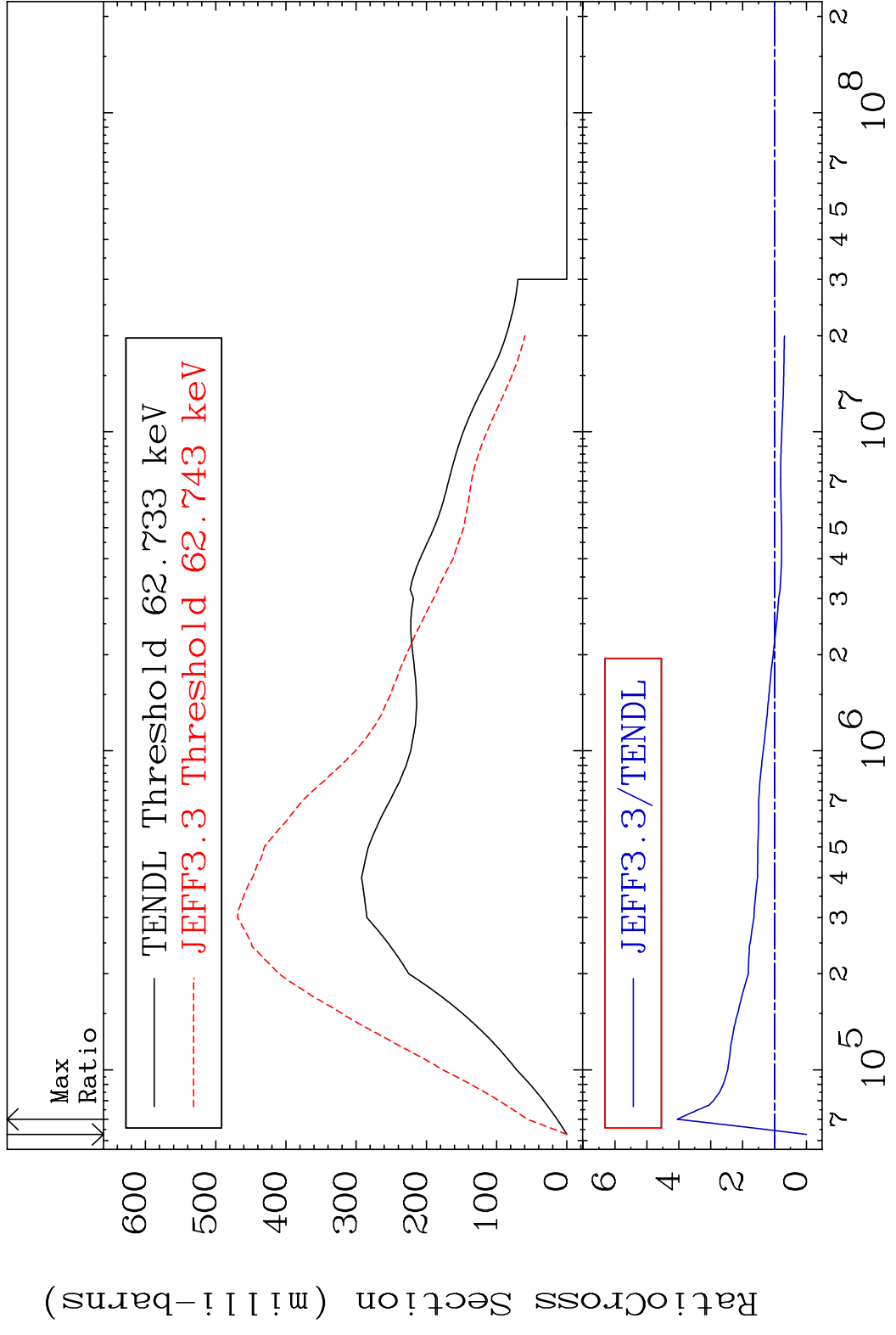
Incident Energy (eV)

98-Cf-249

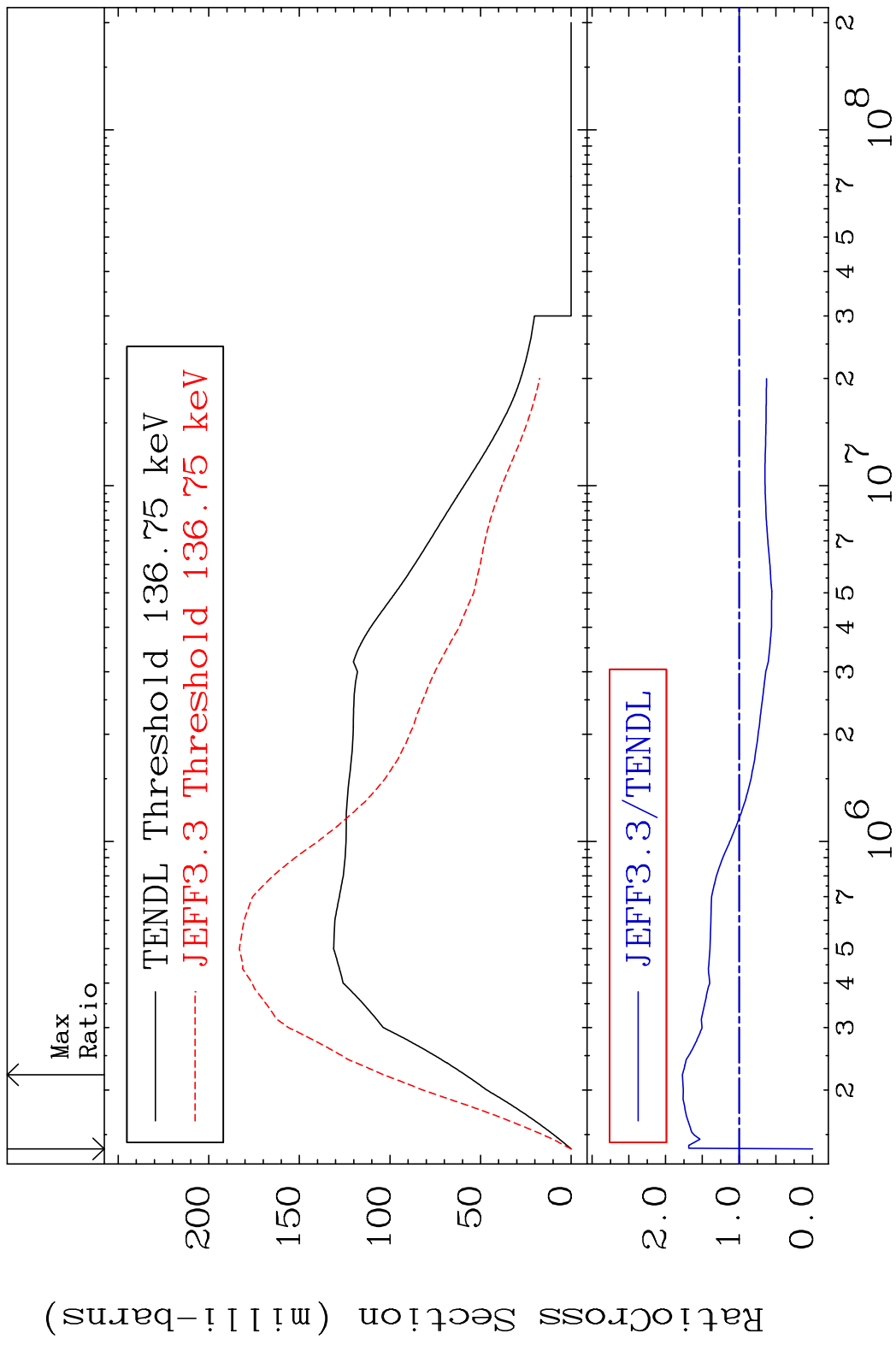
MAT 9852 (n,3nf) Fourth Chance 98-Cf-249
 Cross Section -100.0 To -98.74%



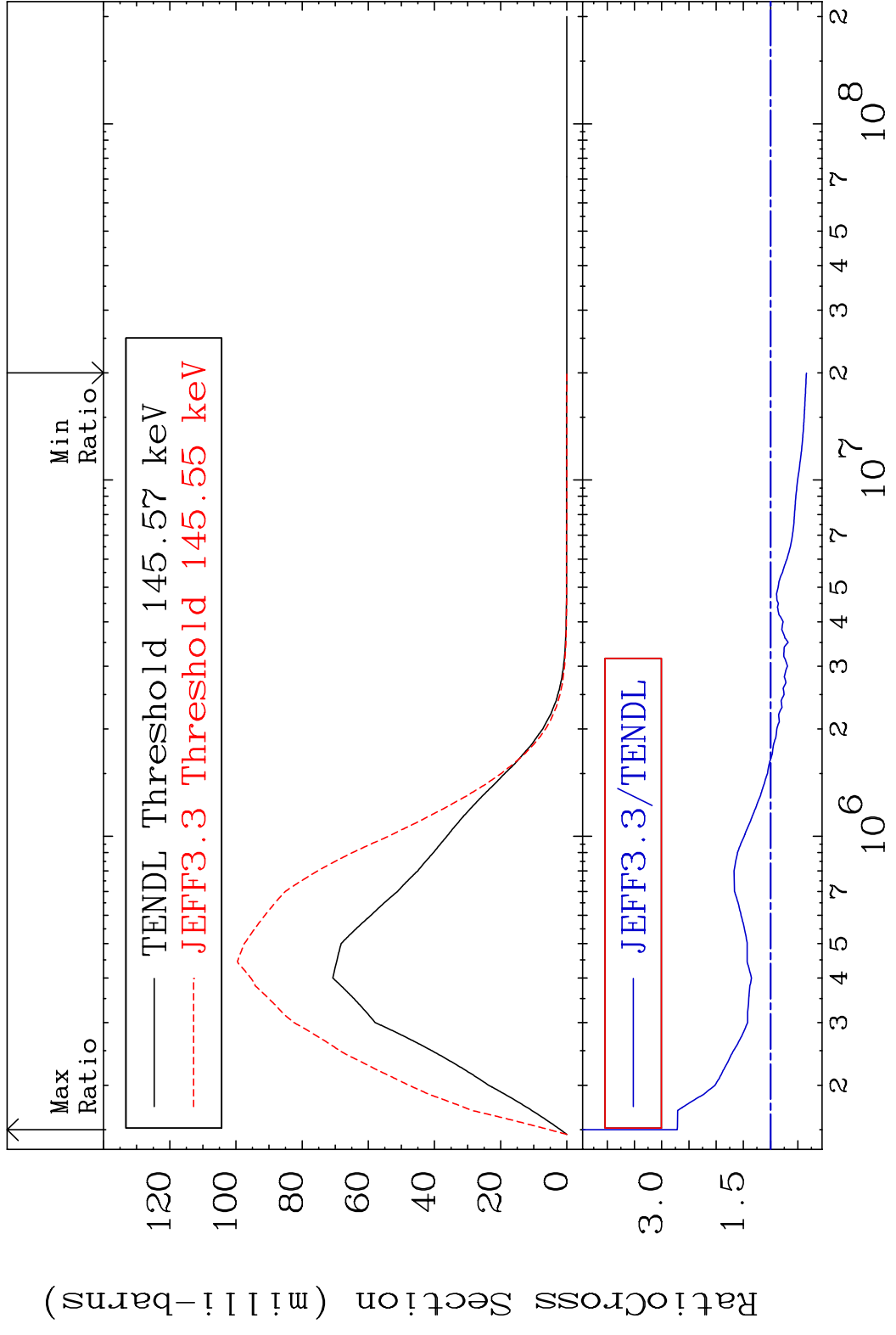
MAT 9852 MT= 51 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 304.8 %



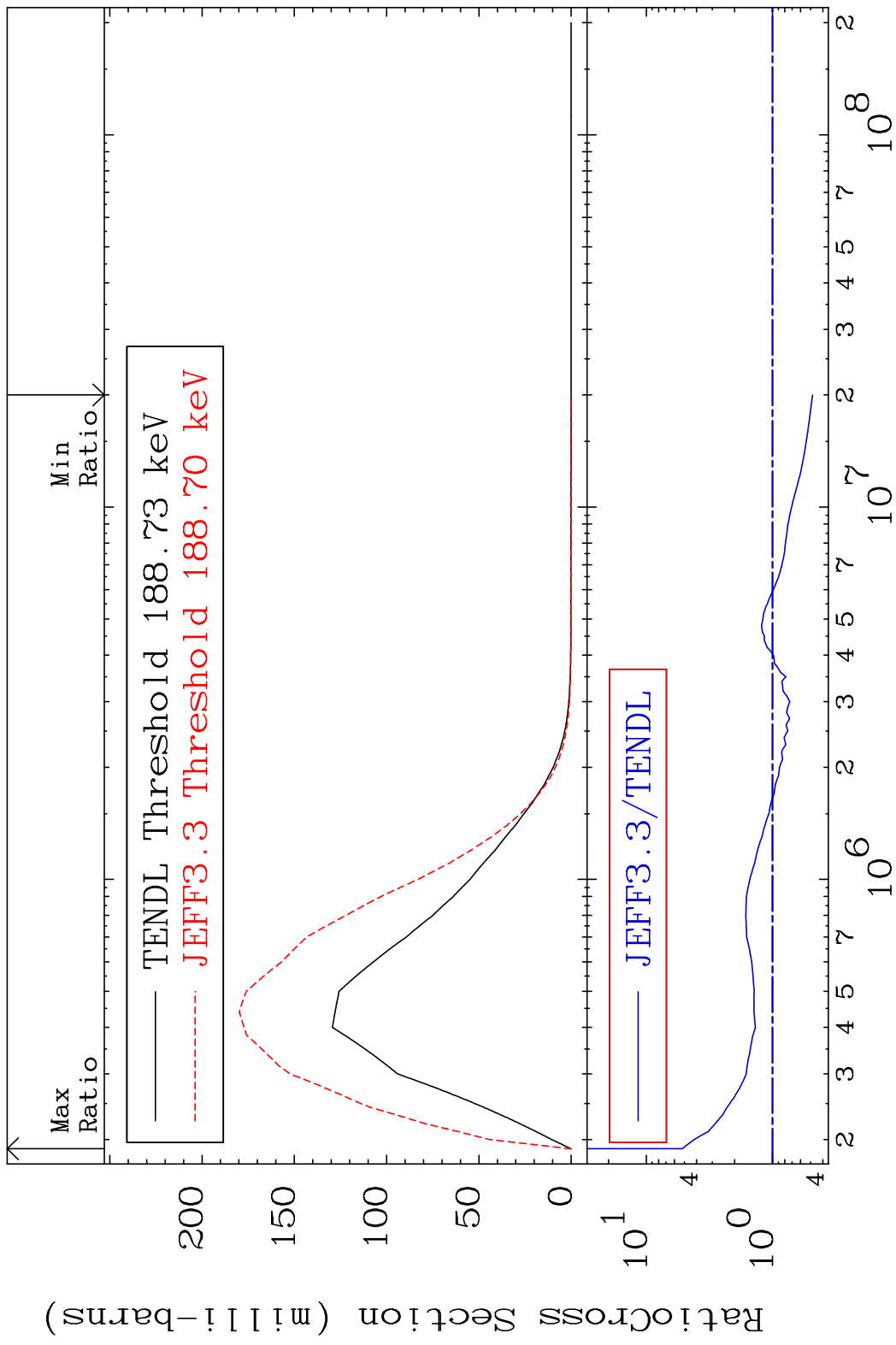
MAT 9852 MT= 52 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 77.18 %



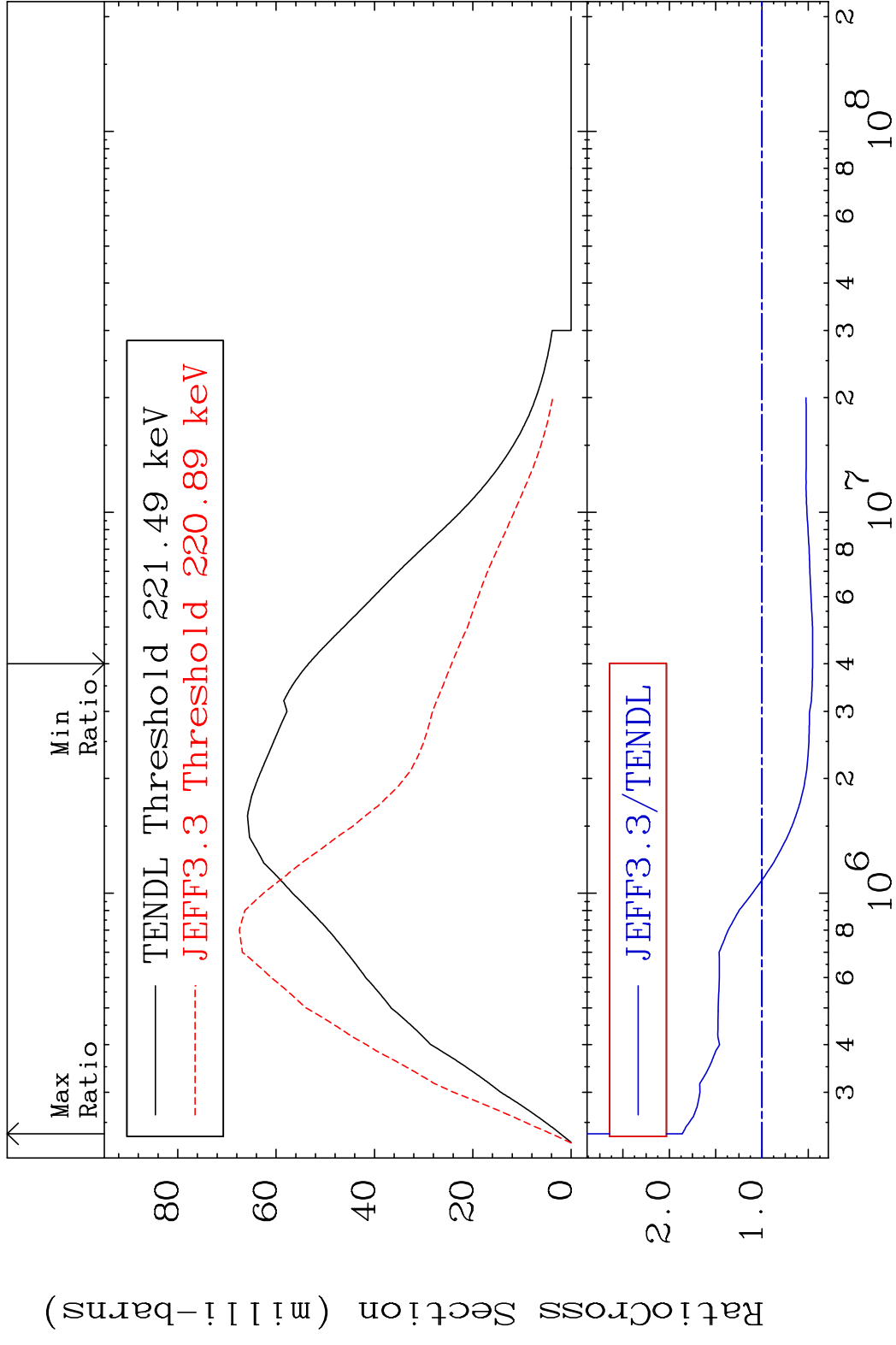
MAT 9852 MT= 53 (n,n') Level 98-Cf-249
 Cross Section -65.78 To 171.5 %



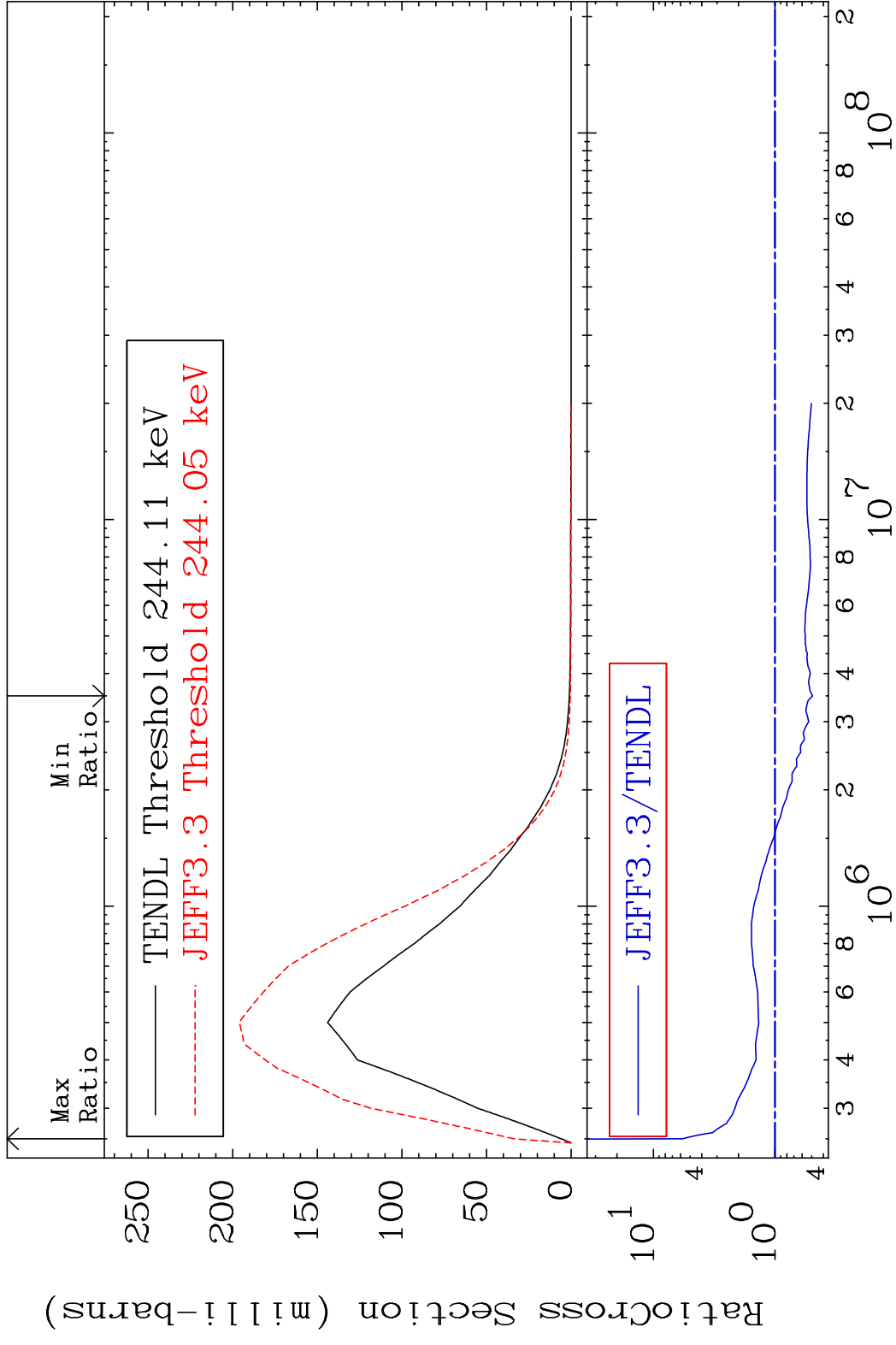
MAT 9852 MT= 54 (n,n') Level 98-Cf-249
 Cross Section -51.79 To 418.8 %



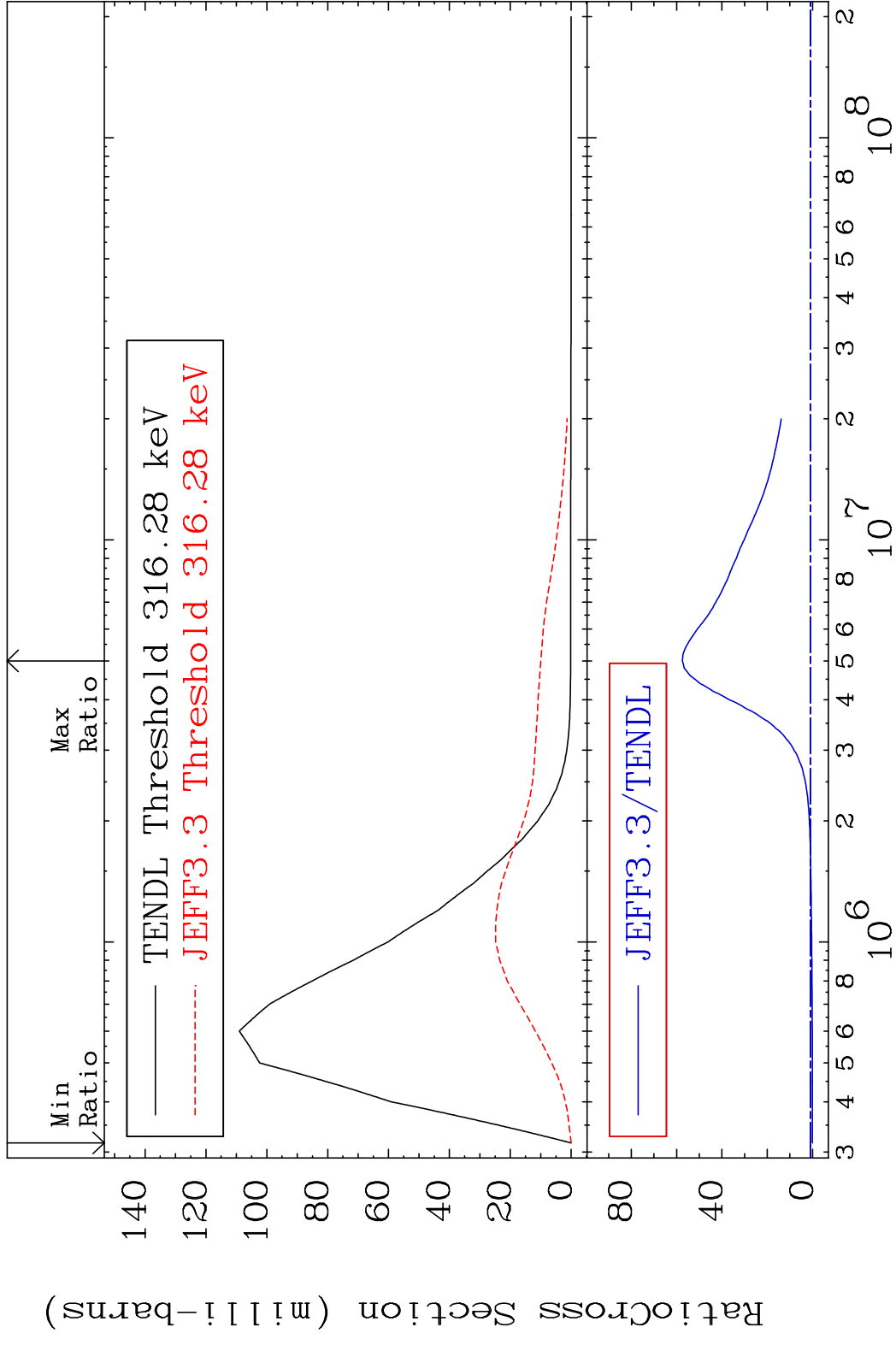
MAT 9852 MT= 55 (n,n') Level 98-Cf-249
 Cross Section -54.50 To 85.95 %



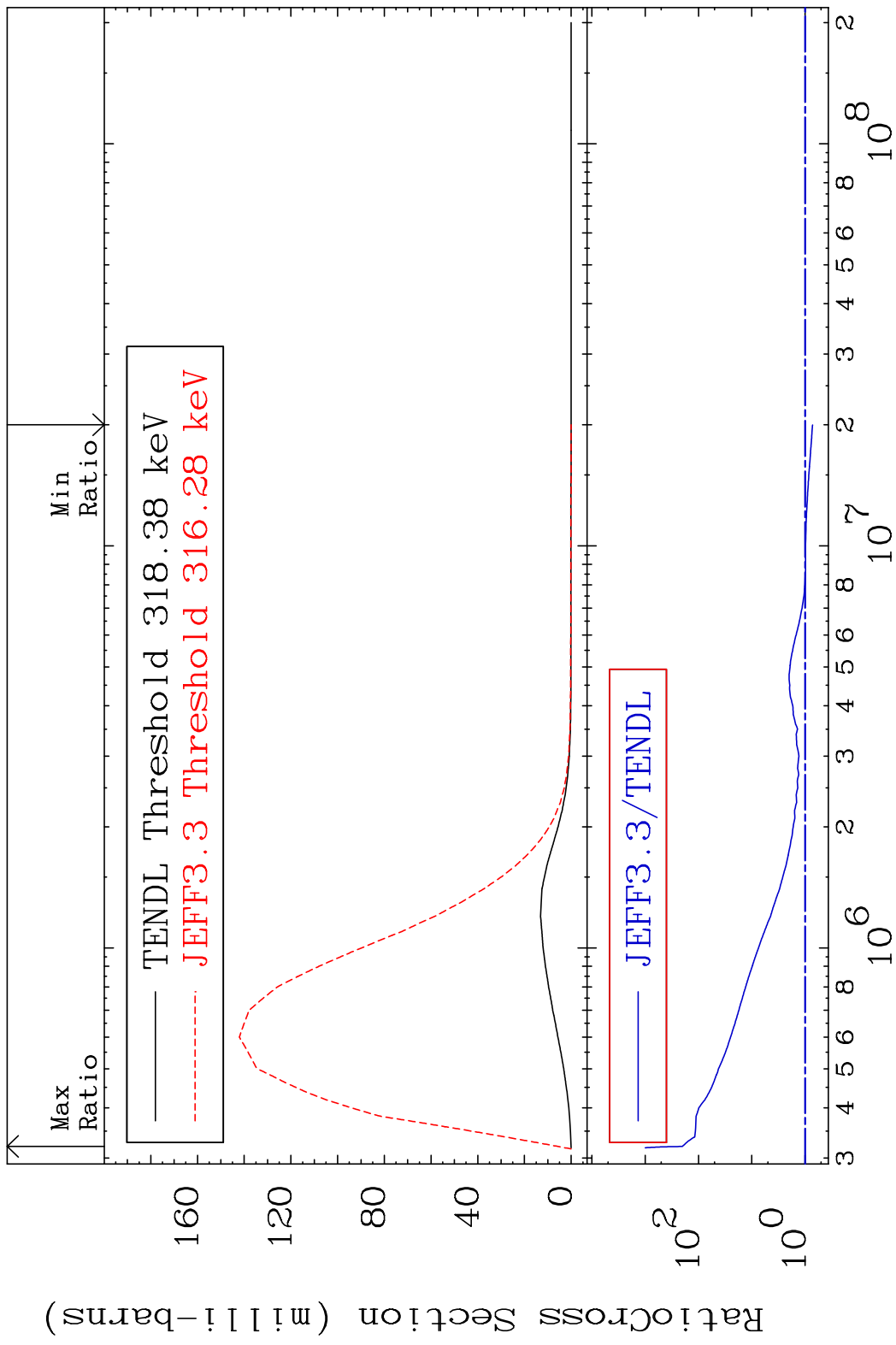
MAT 9852 MT= 56 (n,n') Level 98-Cf-249
 Cross Section -50.87 To 479.0 %



MAT 9852 MT= 57 (n, n') Level 98-Cf-249
 Cross Section -100.0 To 5647. %

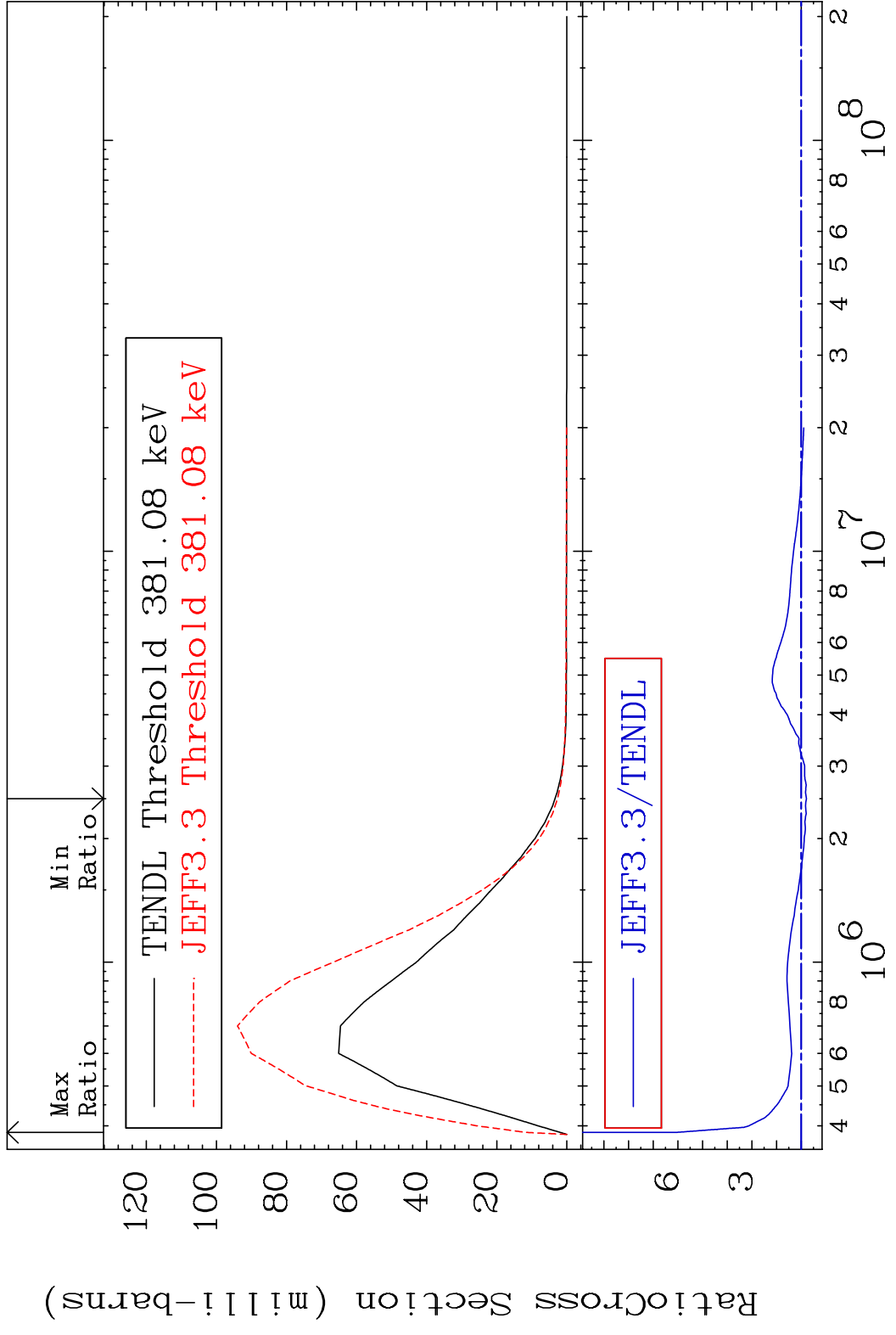


MAT 9852 MT= 58 (n,n') Level 98-Cf-249
 Cross Section -27.61 To 9999. %



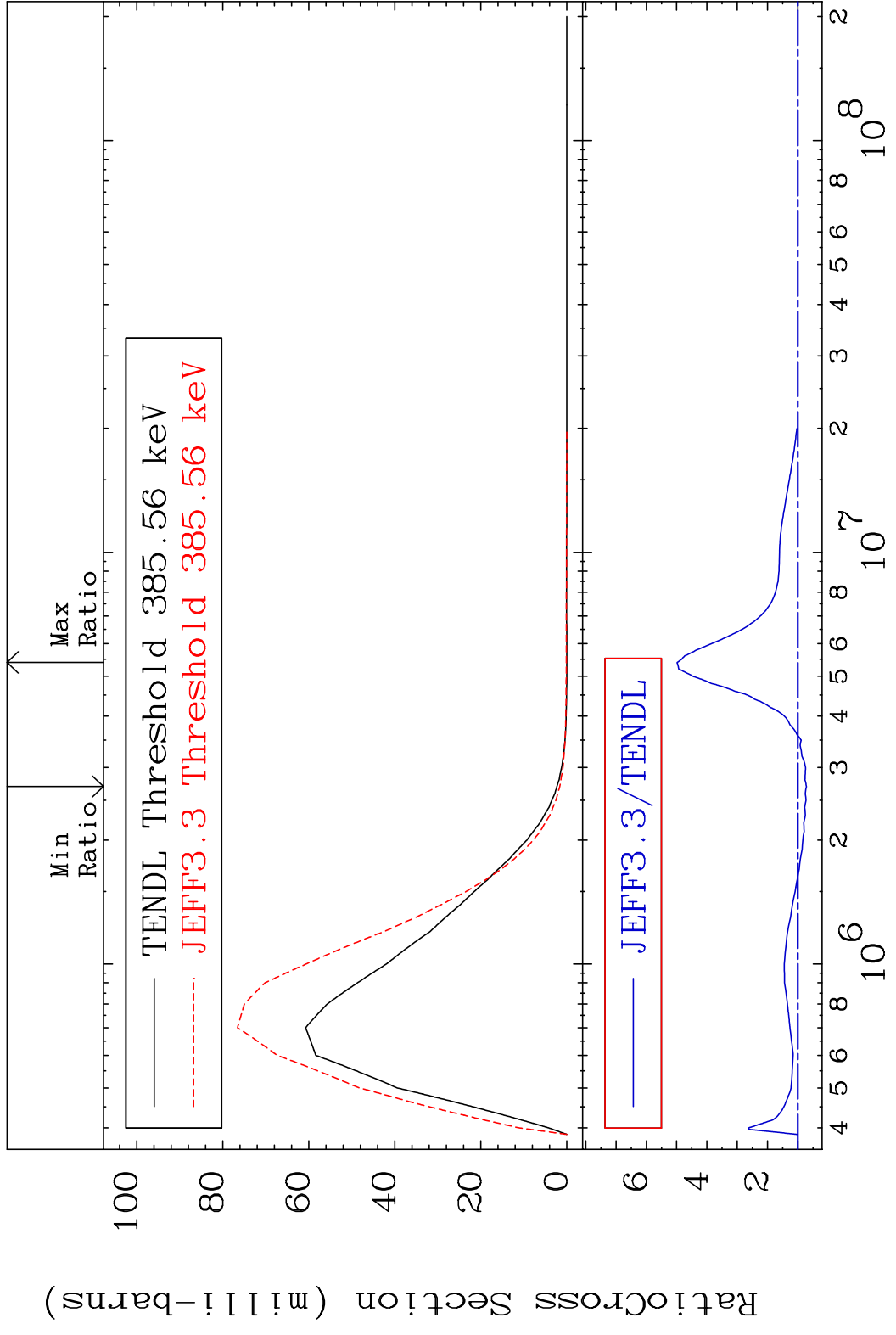
19 Incident Energy (eV) 98-Cf-249

MAT 9852 MT= 59 (n,n') Level 98-Cf-249
 Cross Section -21.30 To 502.8 %

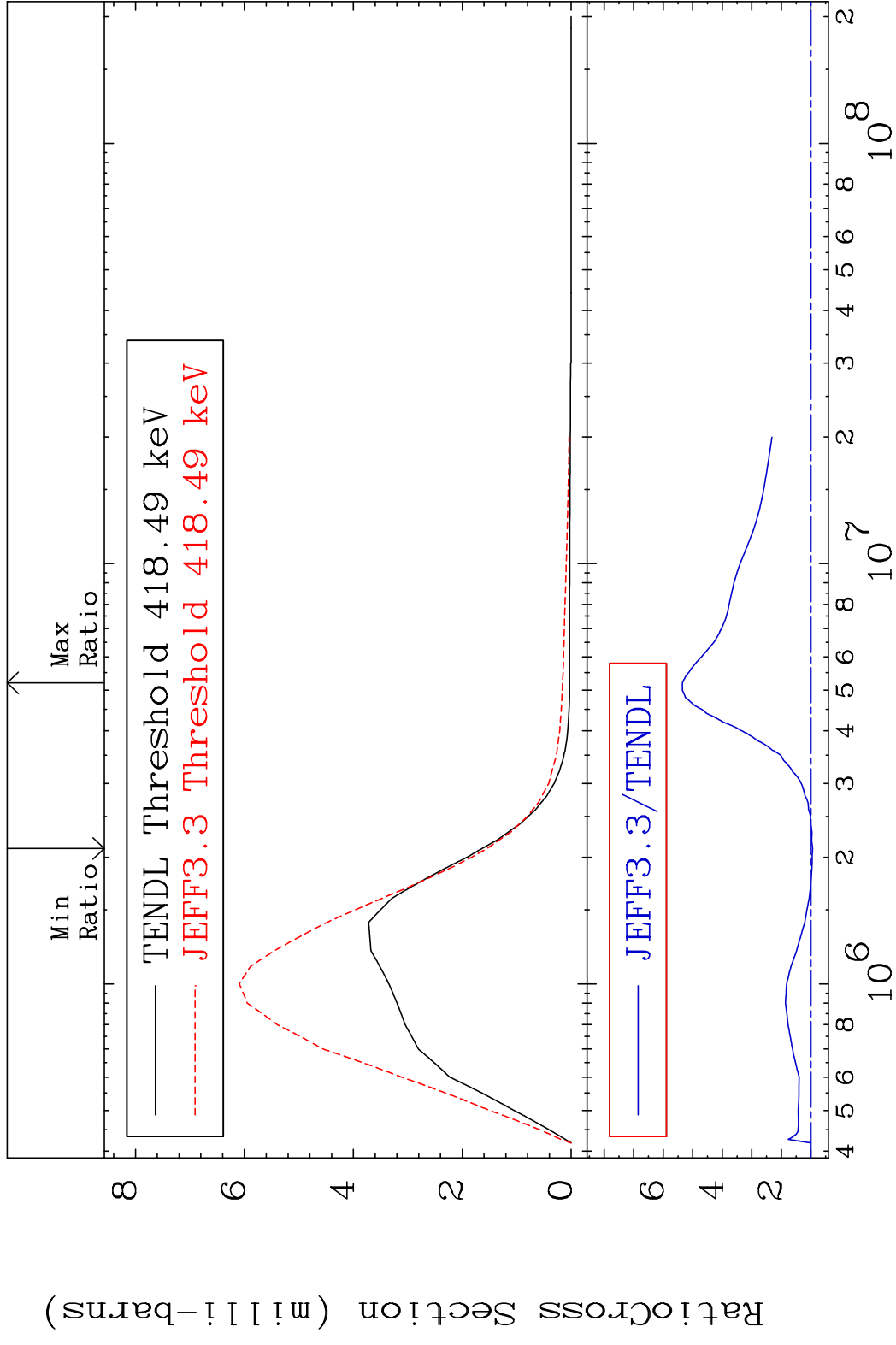


20 Incident Energy (eV) 98-Cf-249

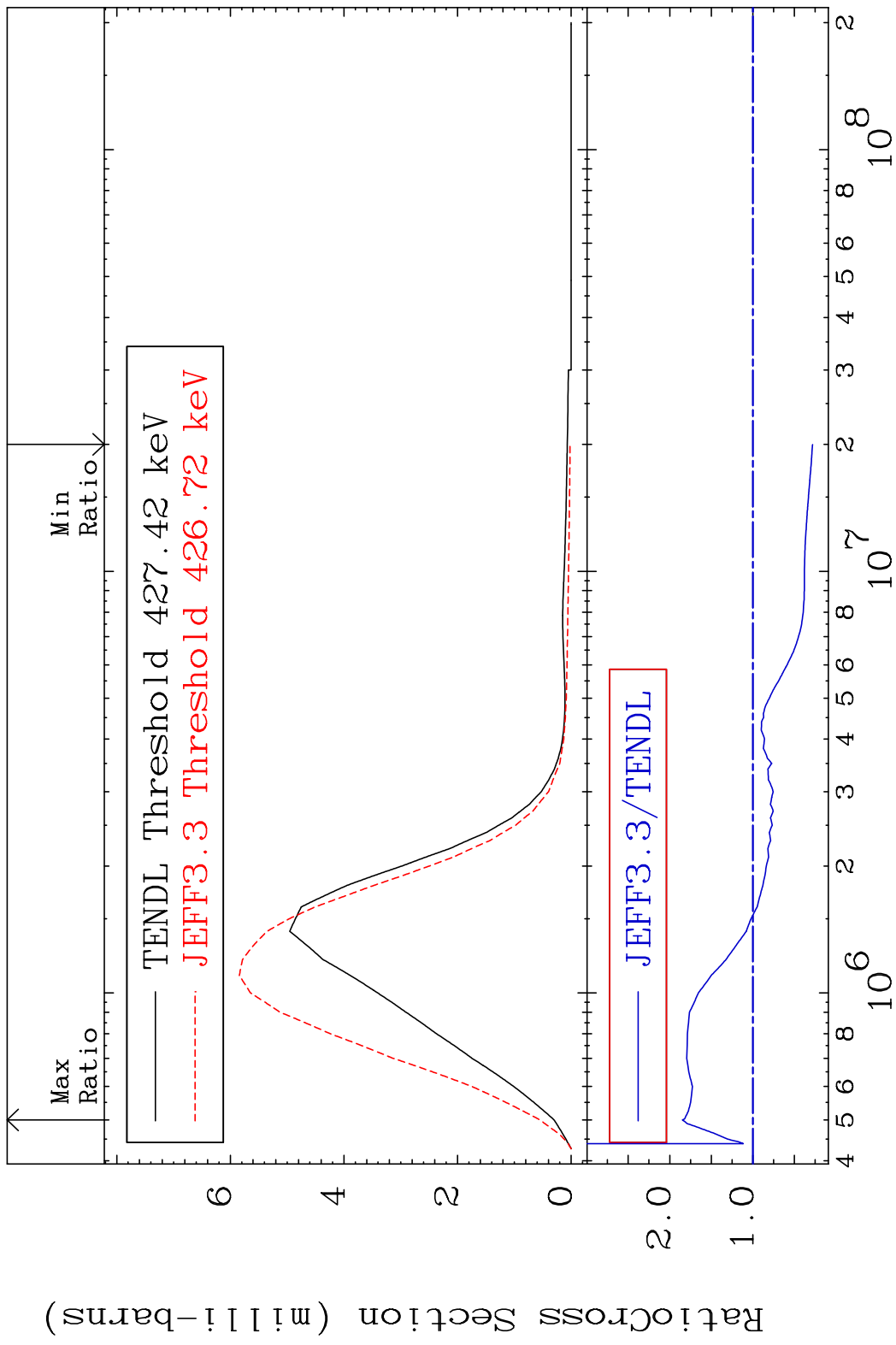
MAT 9852 MT= 60 (n, n') Level 98-Cf-249
 Cross Section -28.27 To 398.2 %



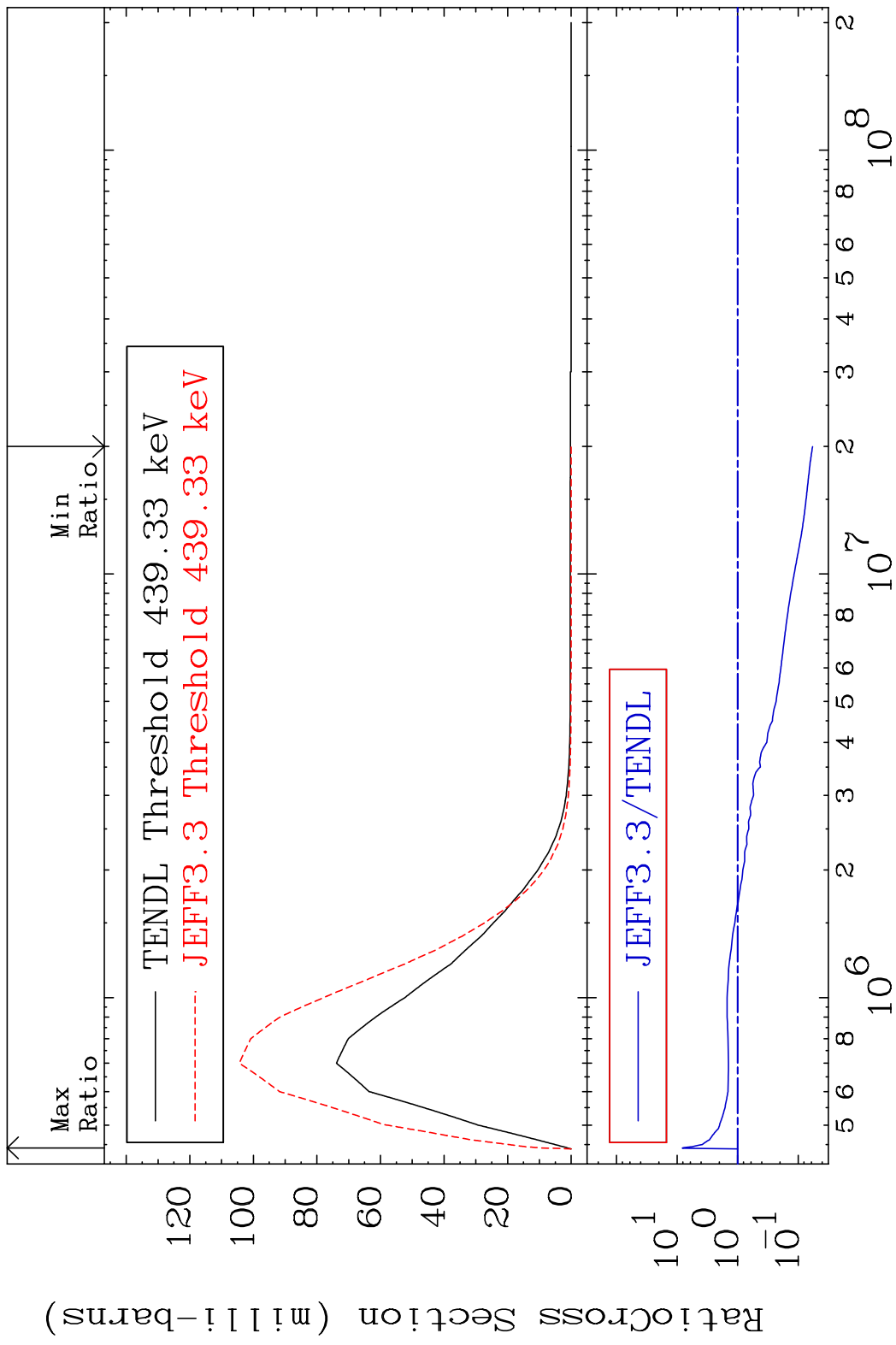
MAT 9852 MT= 61 (n, n') Level 98-Cf-249
 Cross Section -5.764 To 435.1 %



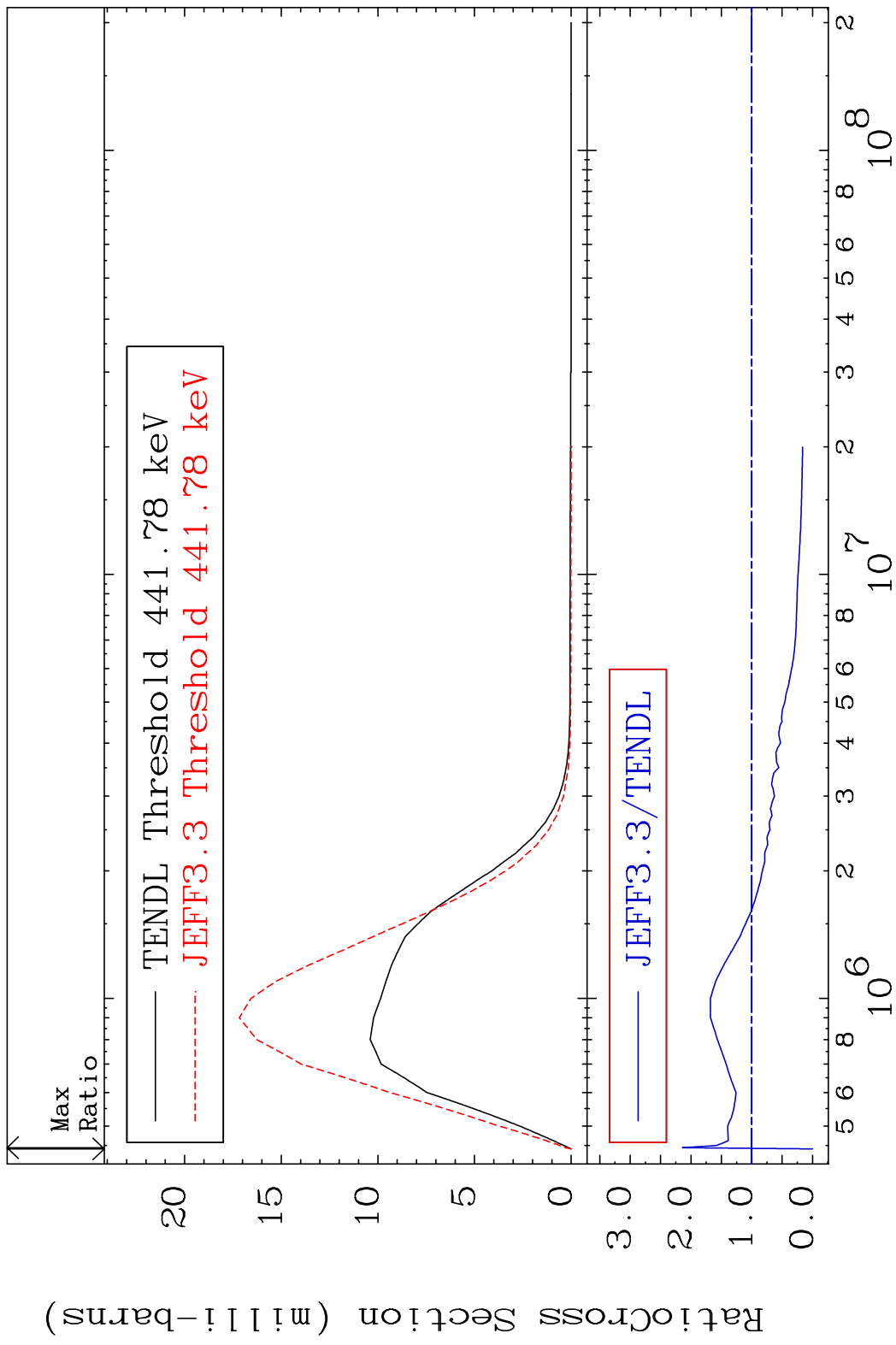
MAT 9852 MT= 62 (n, n') Level 98-Cf-249
 Cross Section -71.80 To 84.84 %



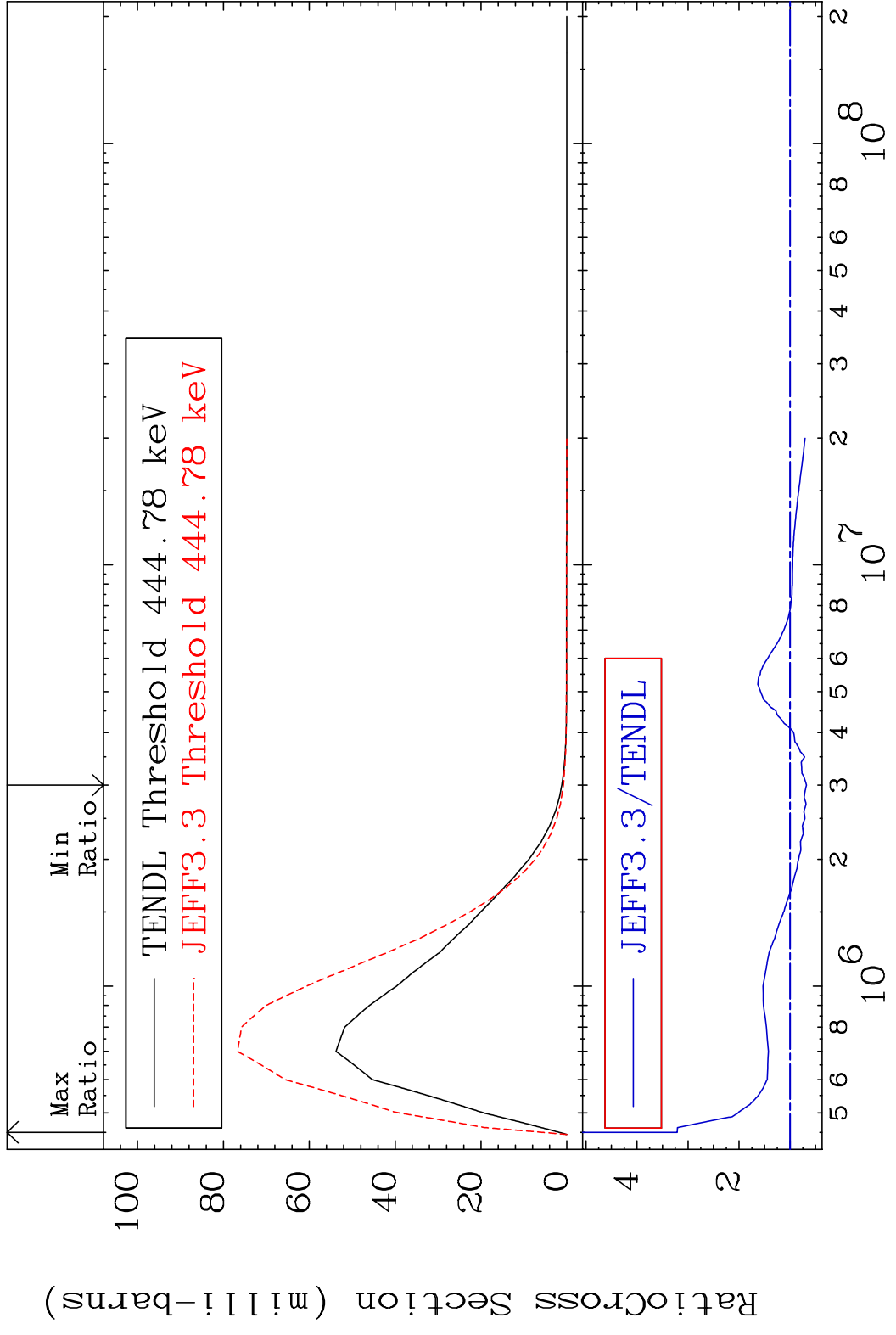
MAT 9852 MT= 63 (n, n') Level 98-Cf-249
 Cross Section -94.22 To 717.2 %



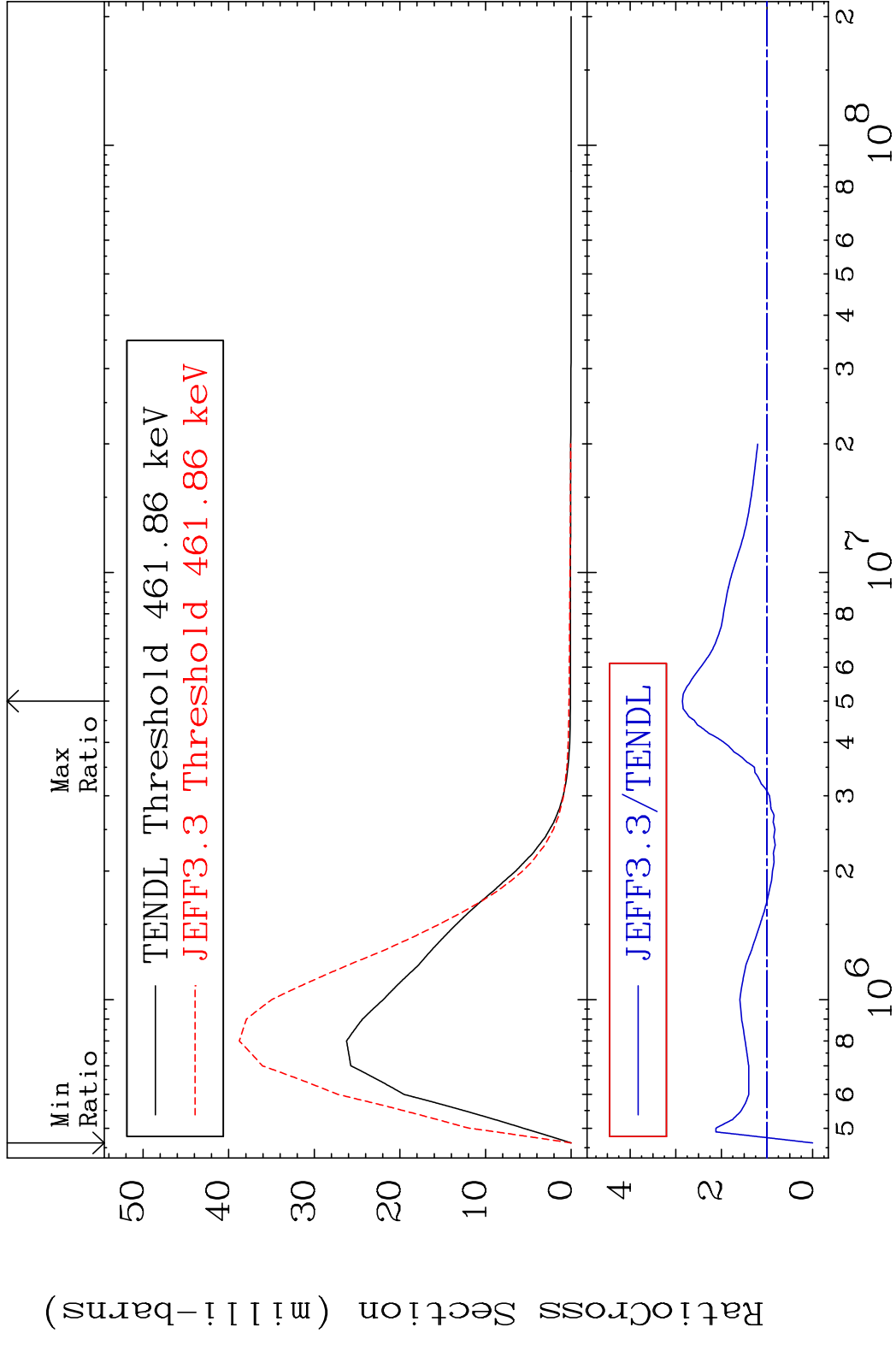
MAT 9852 MT= 64 (n,n') Level 98-Cf-249
 Cross Section -100.0 To 114.2 %



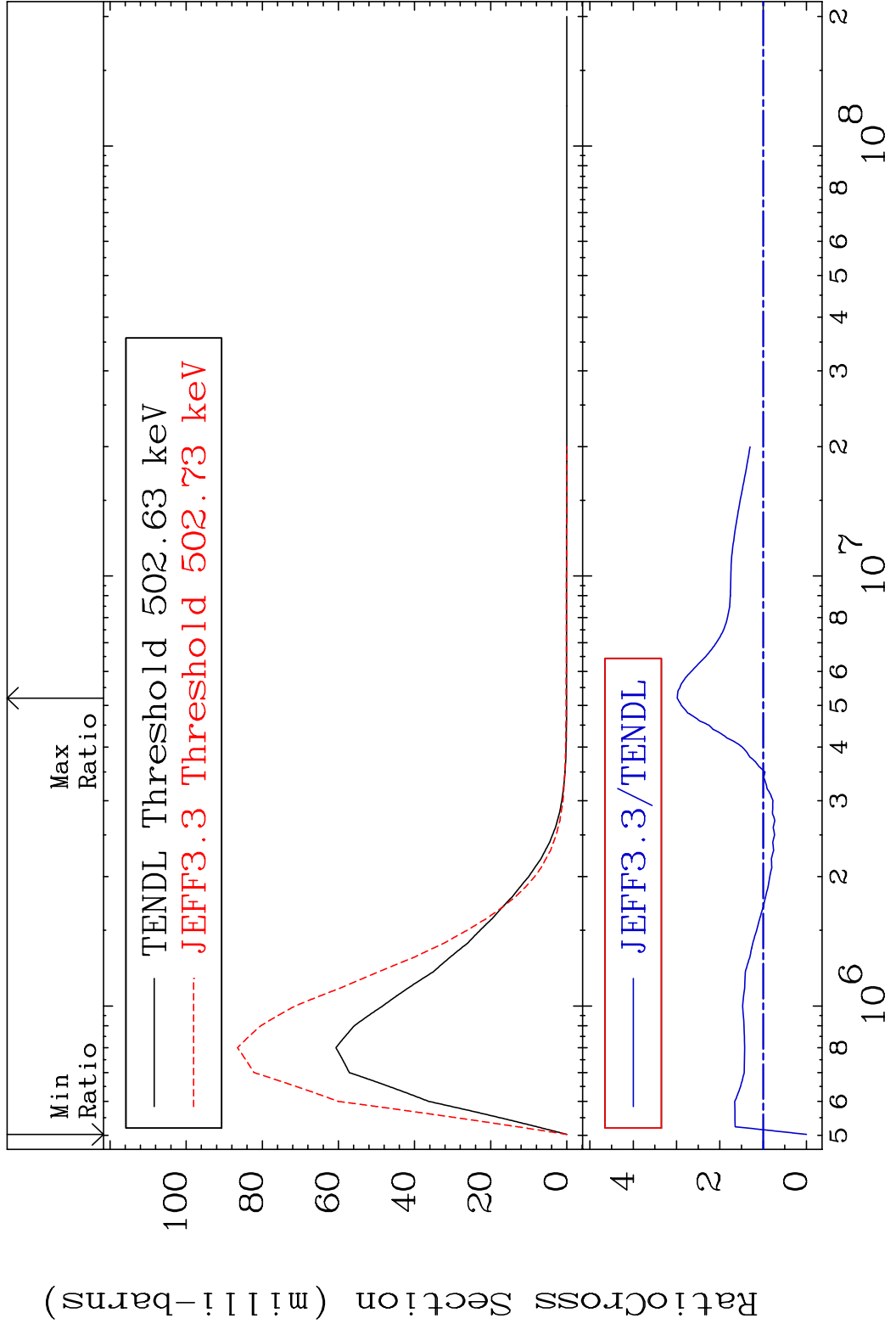
MAT 9852 MT= 65 (n,n') Level 98-Cf-249
 Cross Section -31.95 To 221.2 %



MAT 9852 MT= 66 (n, n') Level 98-Cf-249
 Cross Section -100.0 To 185.4 %



MAT 9852 MT= 67 (n, n') Level 98-Cf-249
 Cross Section -100.0 To 198.5 %

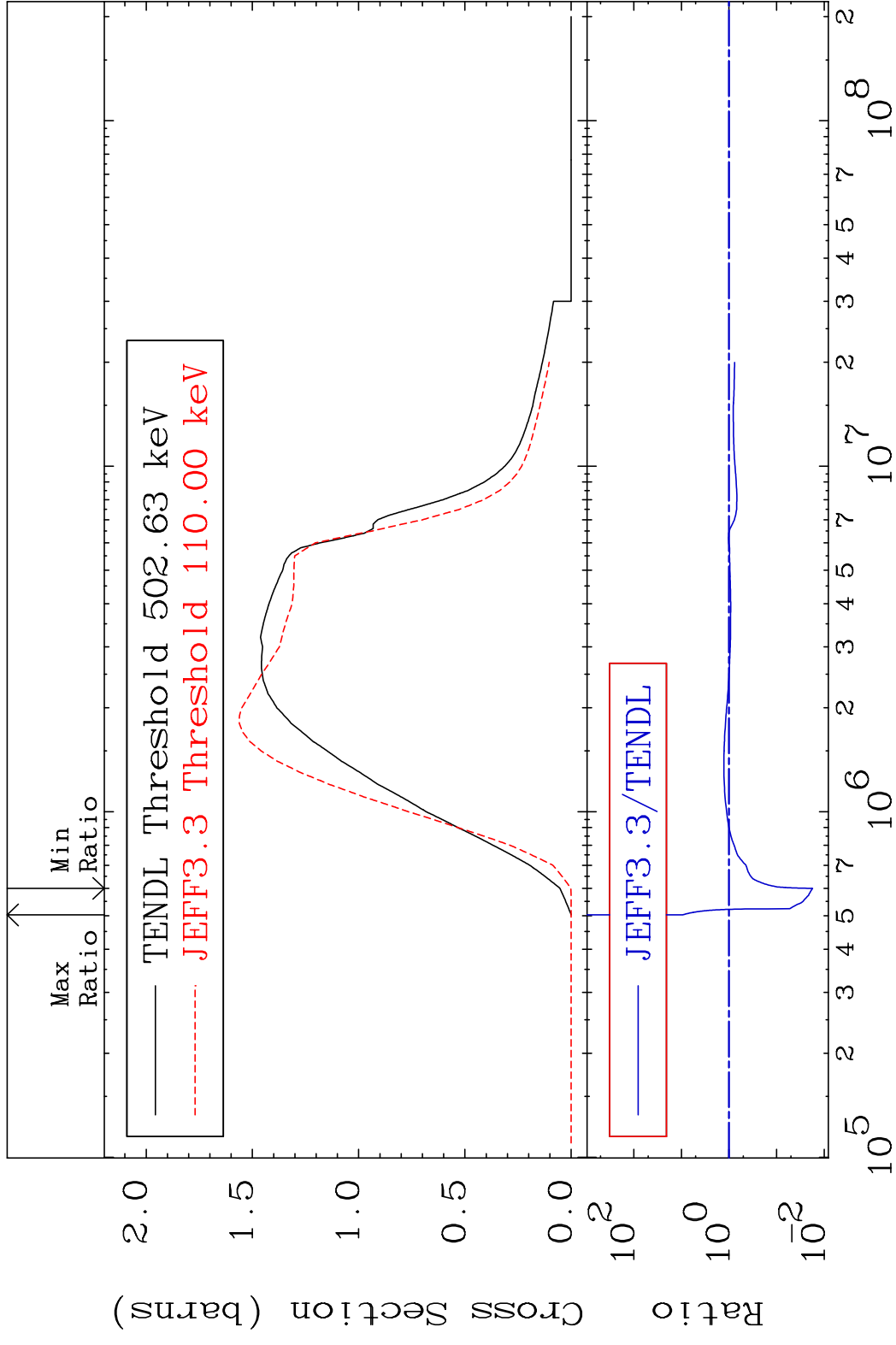


MAT 9852

(n,n') Continuum

98-Cf-249

Cross Section -98.24 To 854.4 %



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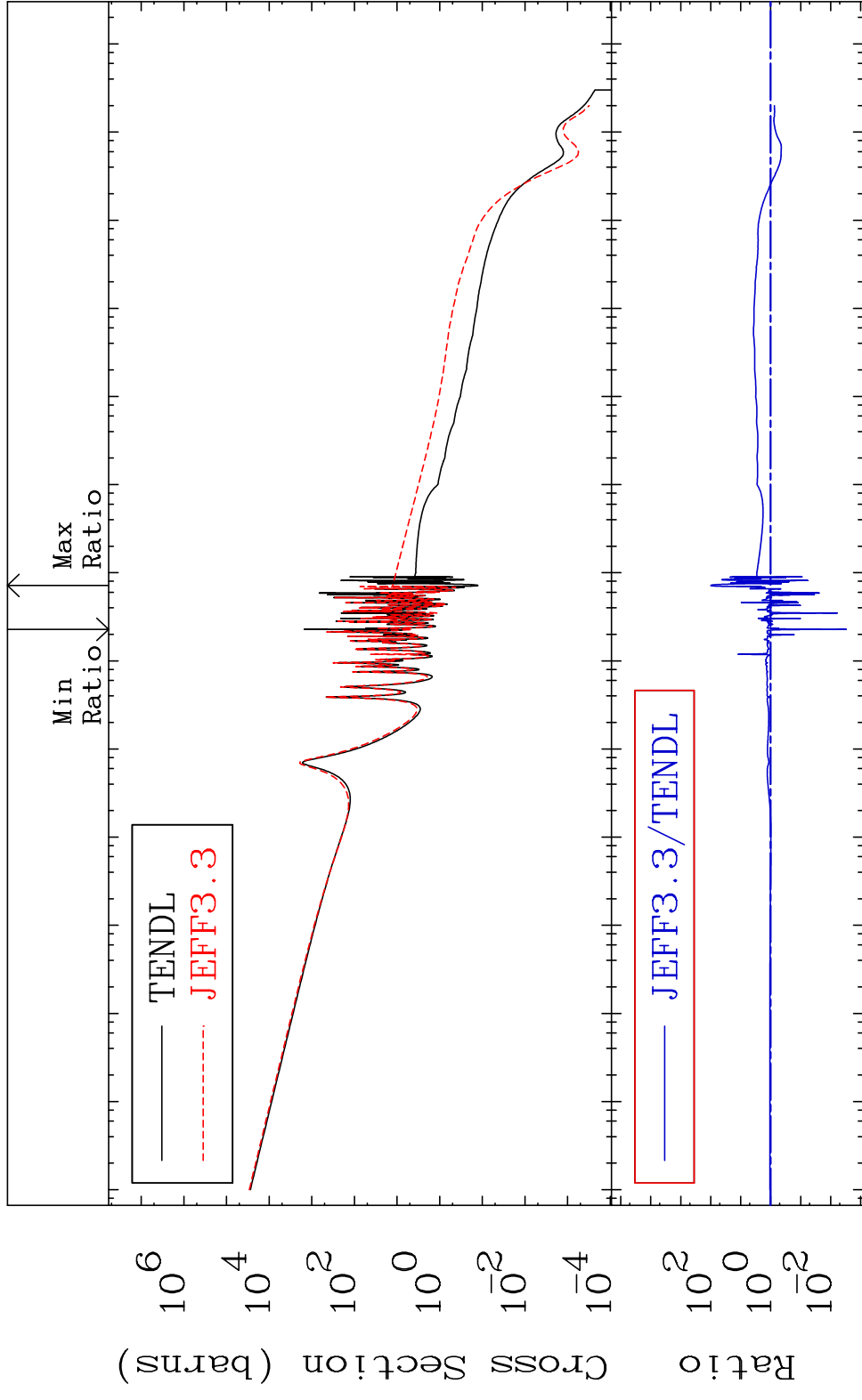
Incident Energy (eV)

98-Cf-249

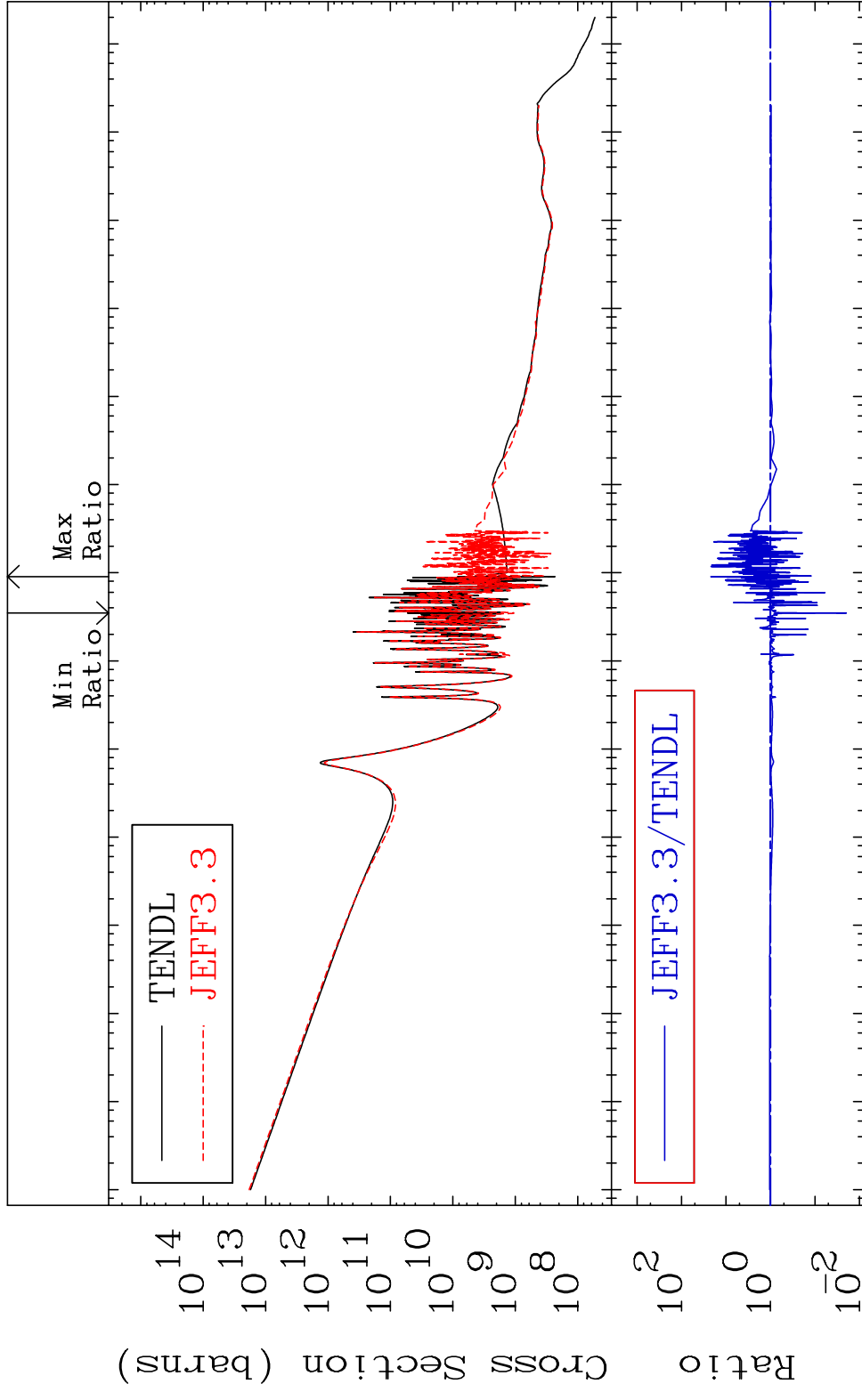
MAT 9852

(n, γ)
Cross Section -99.70 To 9908. %

98-Cf-249



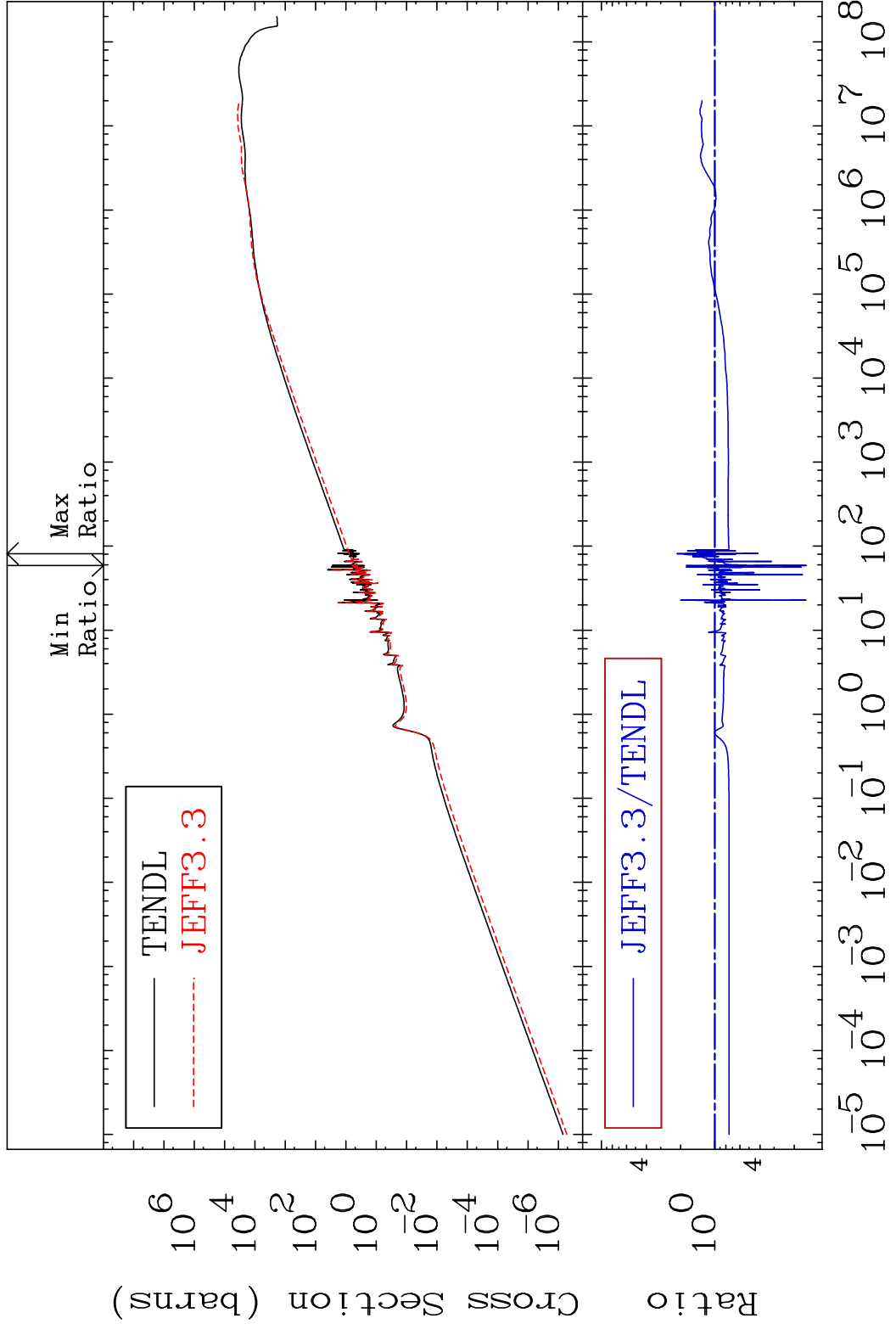
MAT 9852 Kerma total (eV-barns) 98-Cf-249
 Cross Section -98.03 To 2107. %



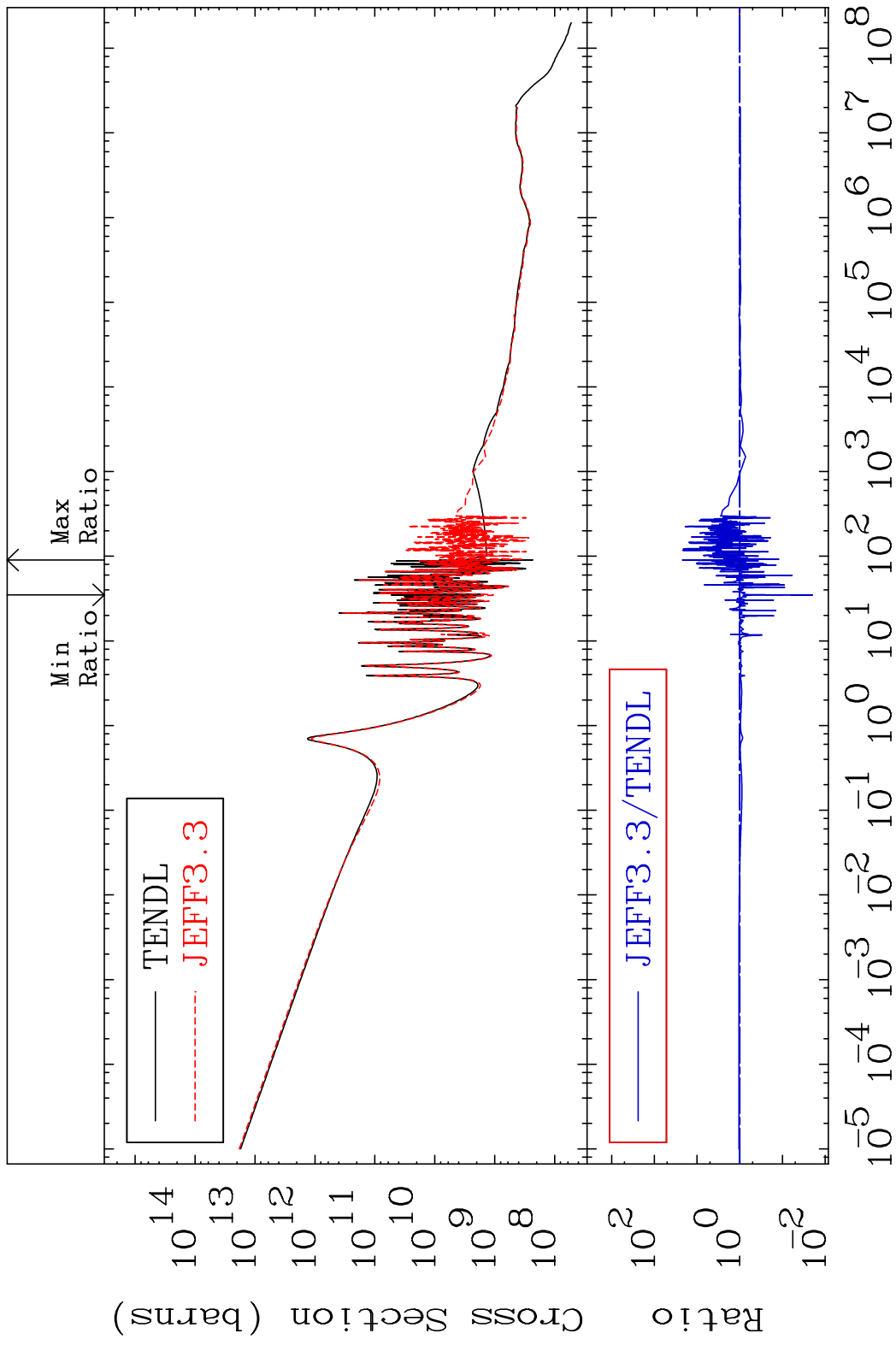
MAT 9852

Kerma elastic
Cross Section

98-Cf-249
-84.39 To 114.6 %

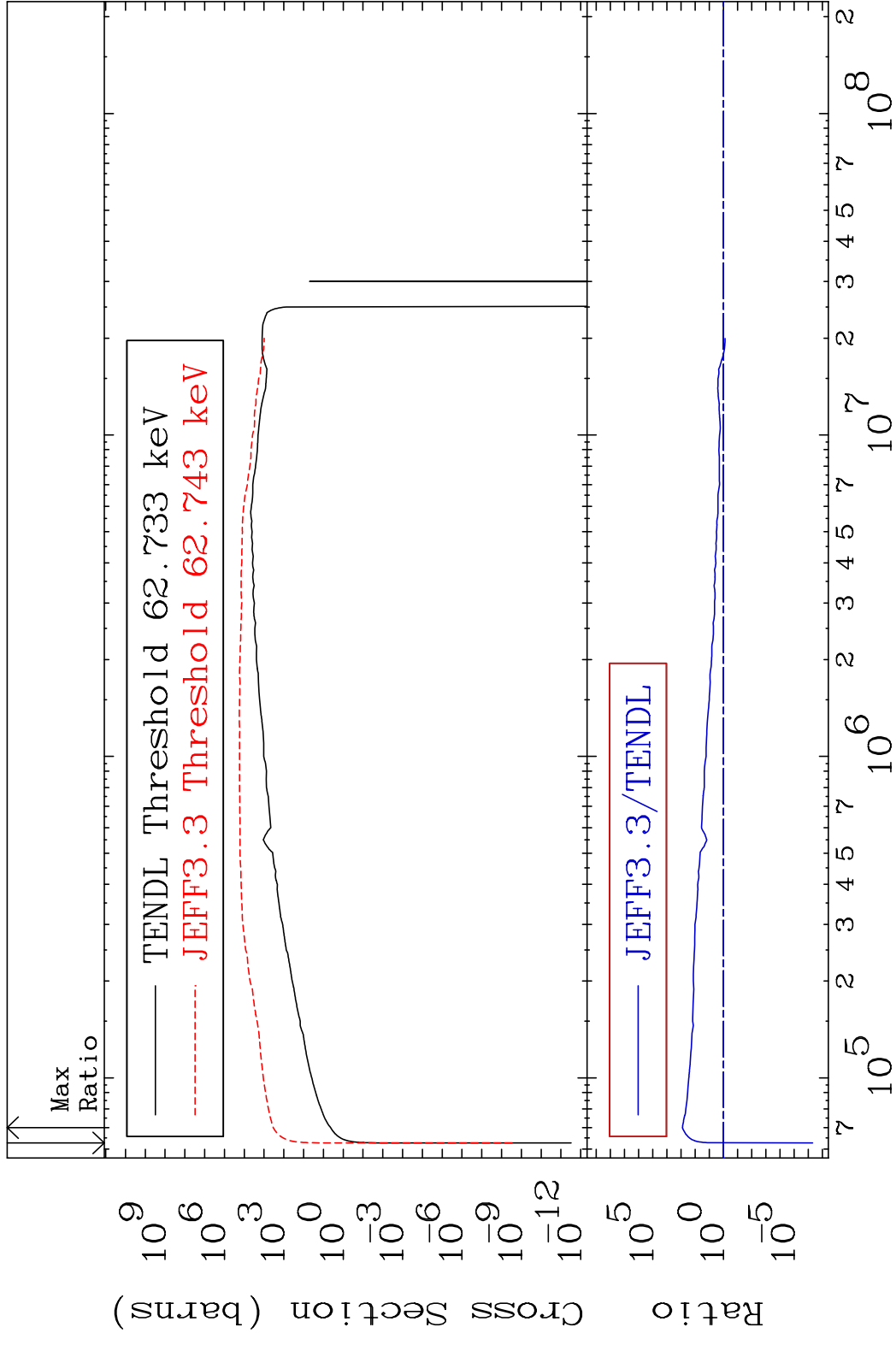


MAT 9852 Kerma non-elastic (all but mt2) 98-Cf-249
 Cross Section -98.03 To 2107. %

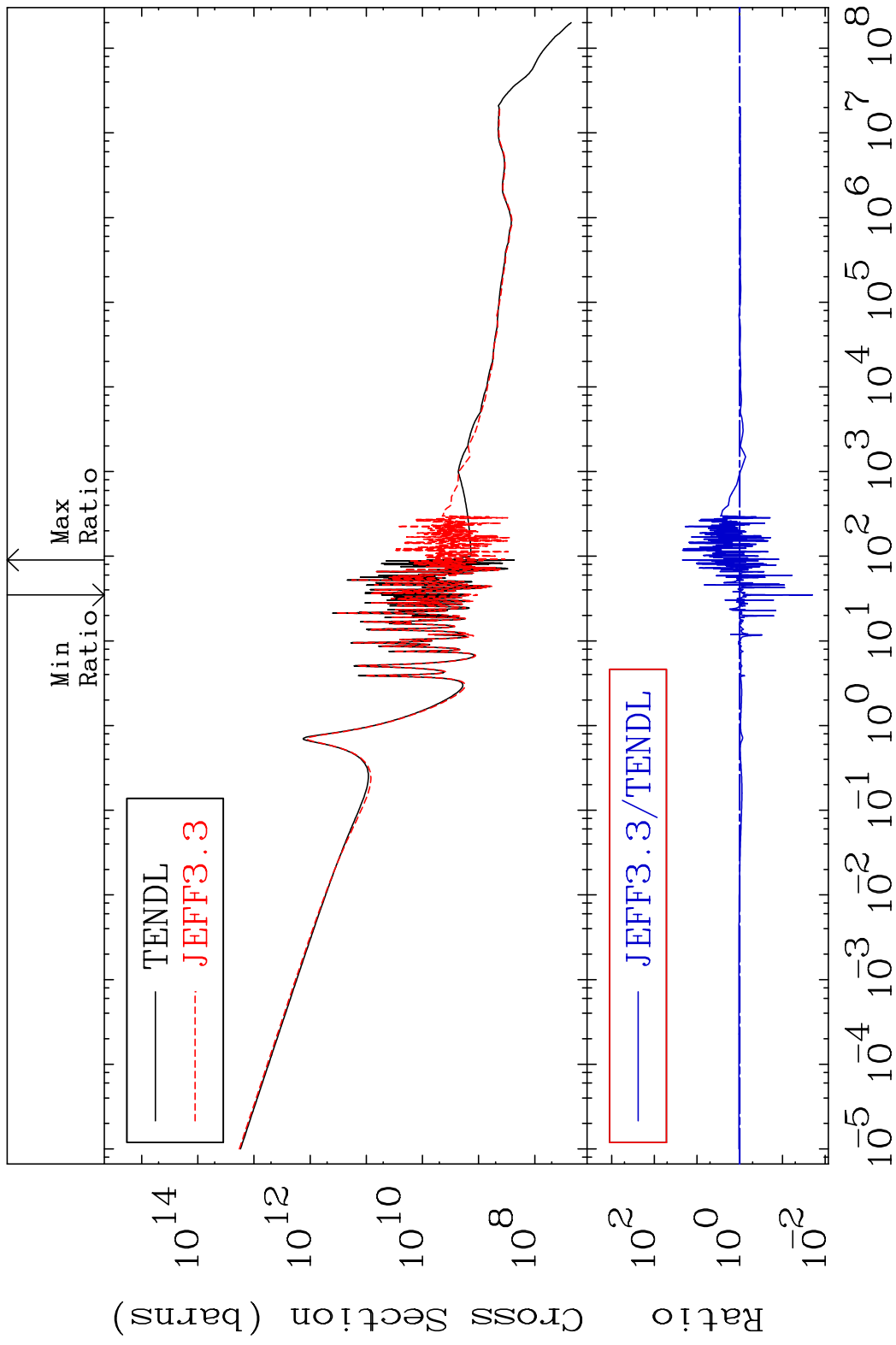


33 Incident Energy (eV) 98-Cf-249

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

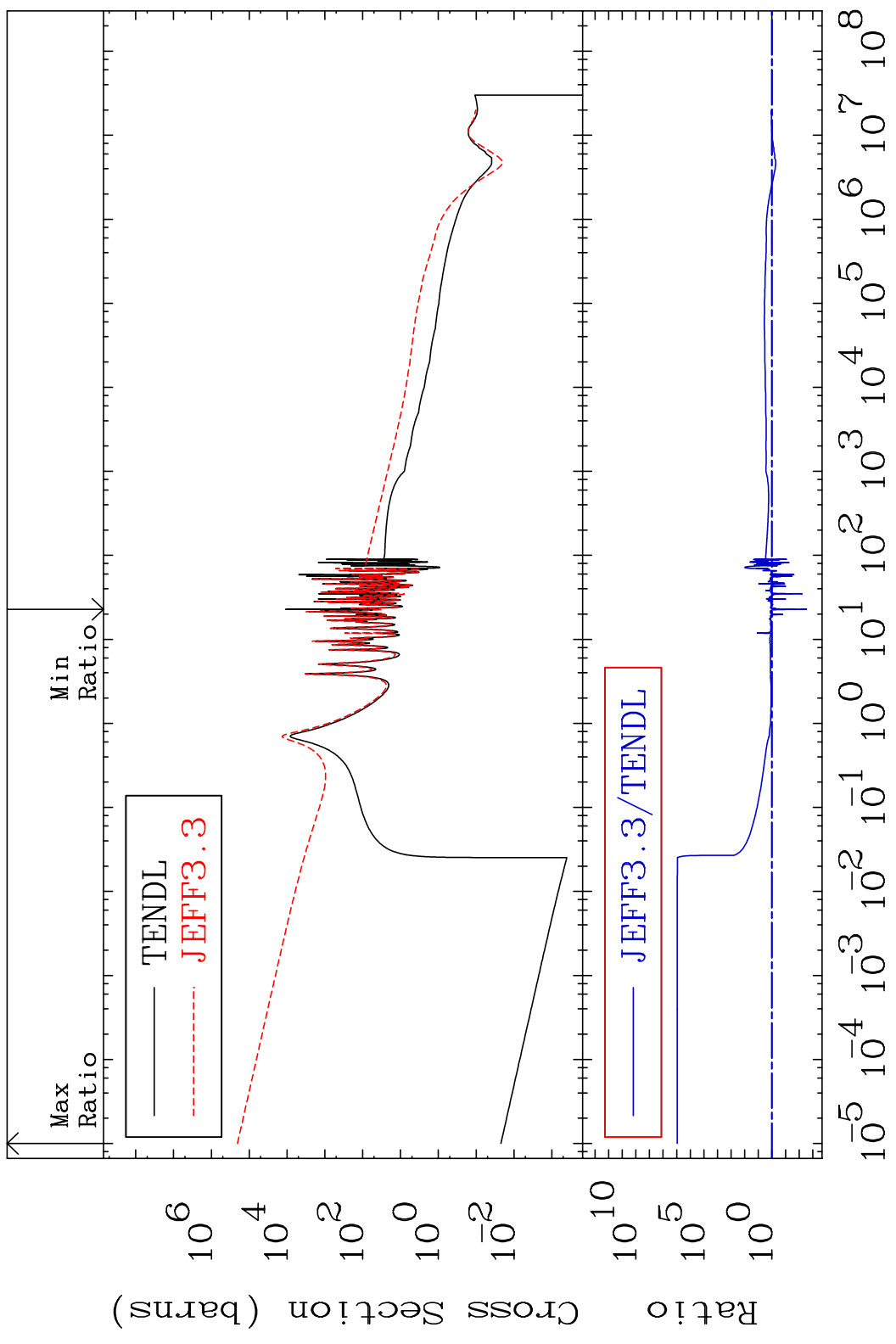


MAT 9852 Kerma fission (mt18 or mt19-20-21-38) 98-Cf-249
 Cross Section -98.03 To 2107. %

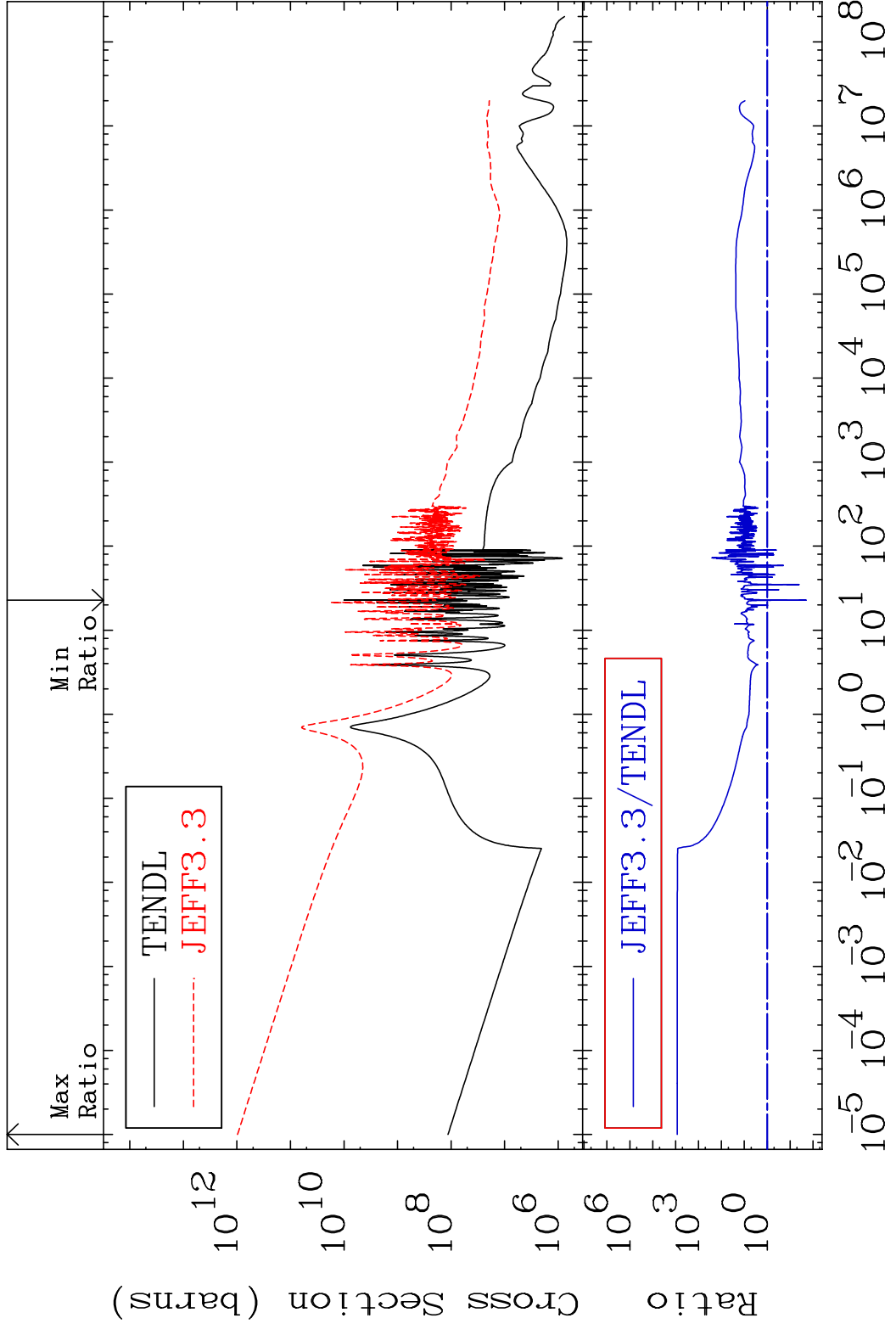


MAT 9852

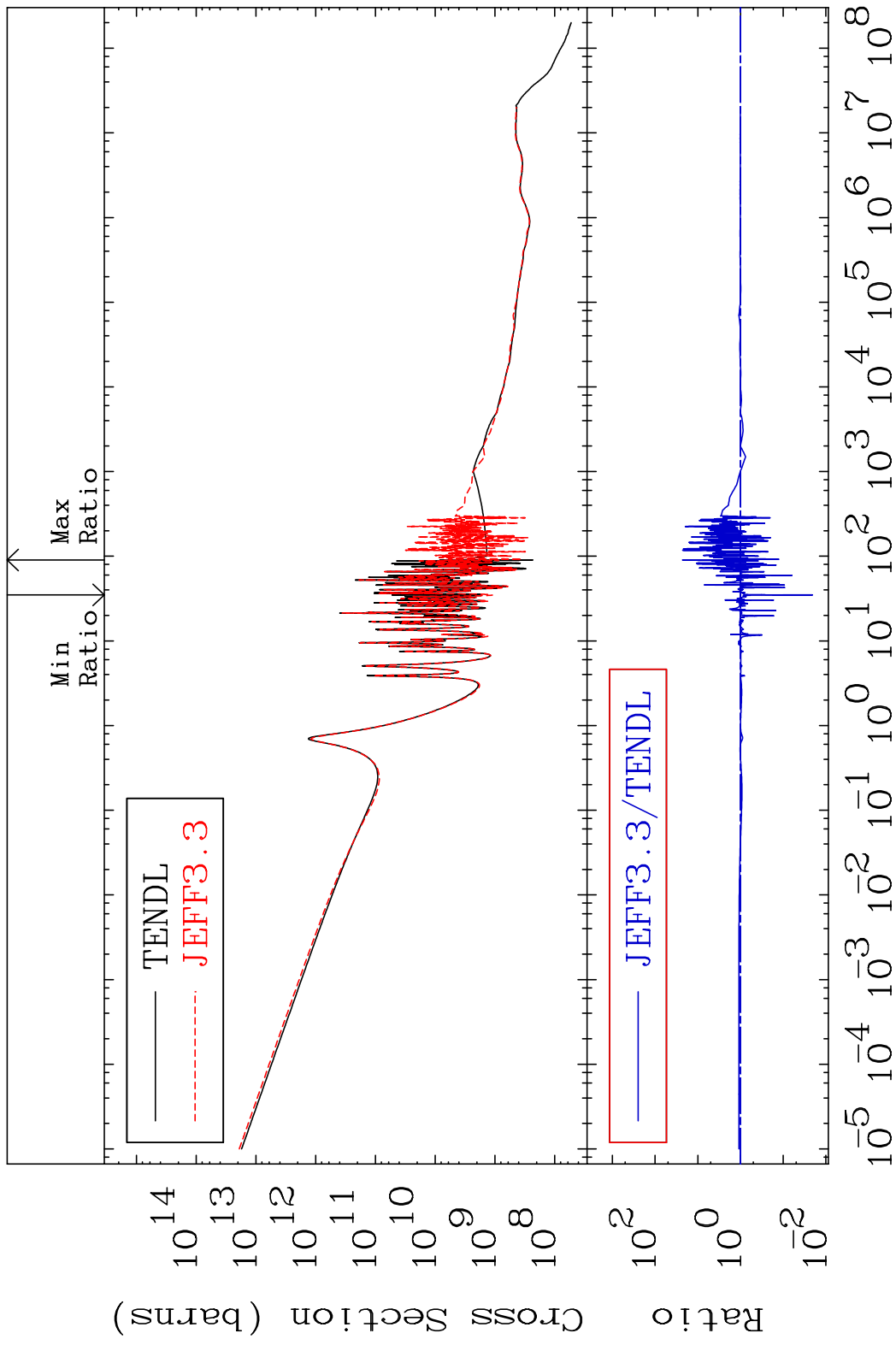
Kerma capture (mt102) 98-Cf-249
Cross Section -99.71 To 9999. %



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. %

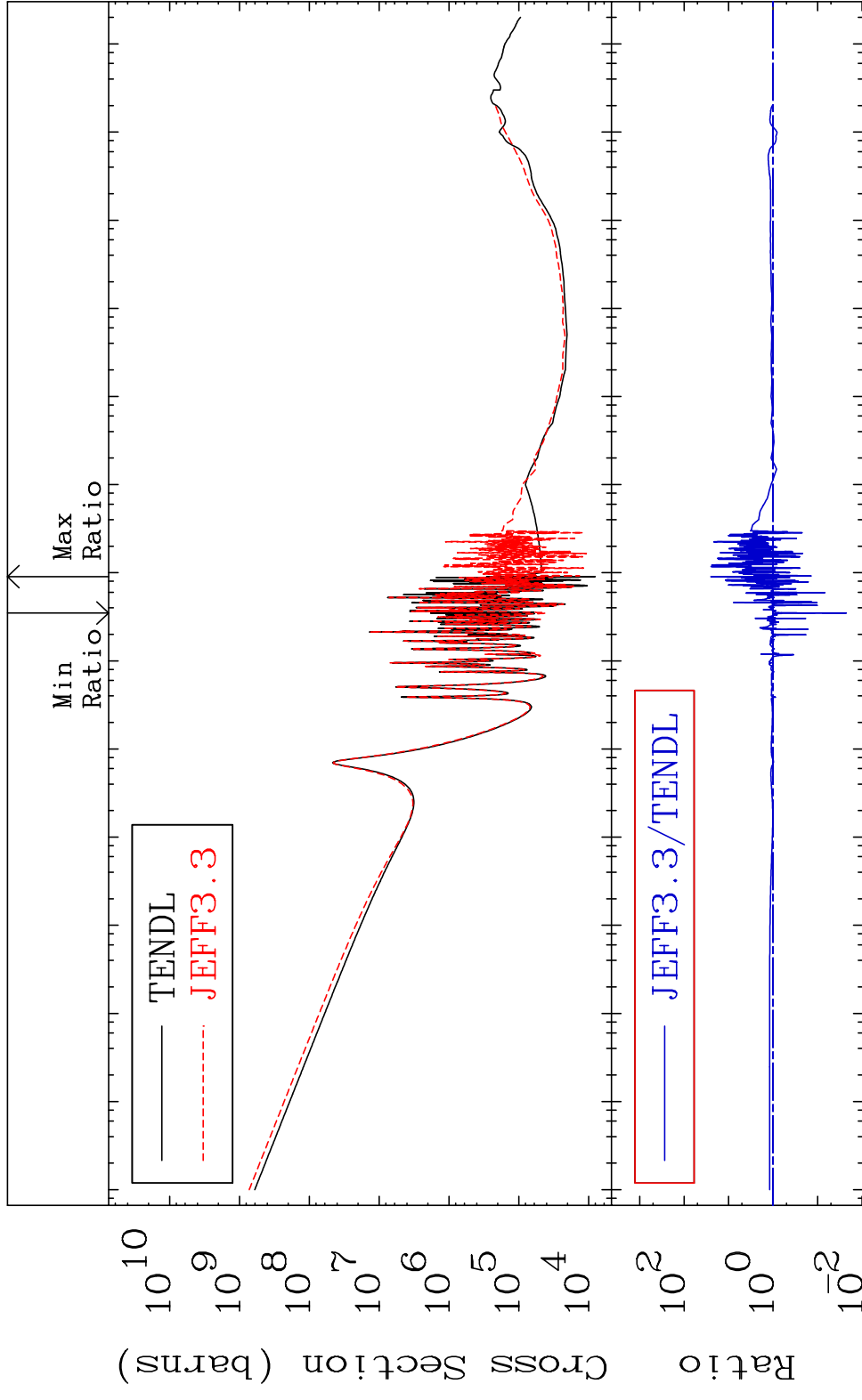


MAT 9852

Dpa total (eV-barns)

98-Cf-249

Cross Section -97.74 To 2423. %



39

Incident Energy (eV)

98-Cf-249

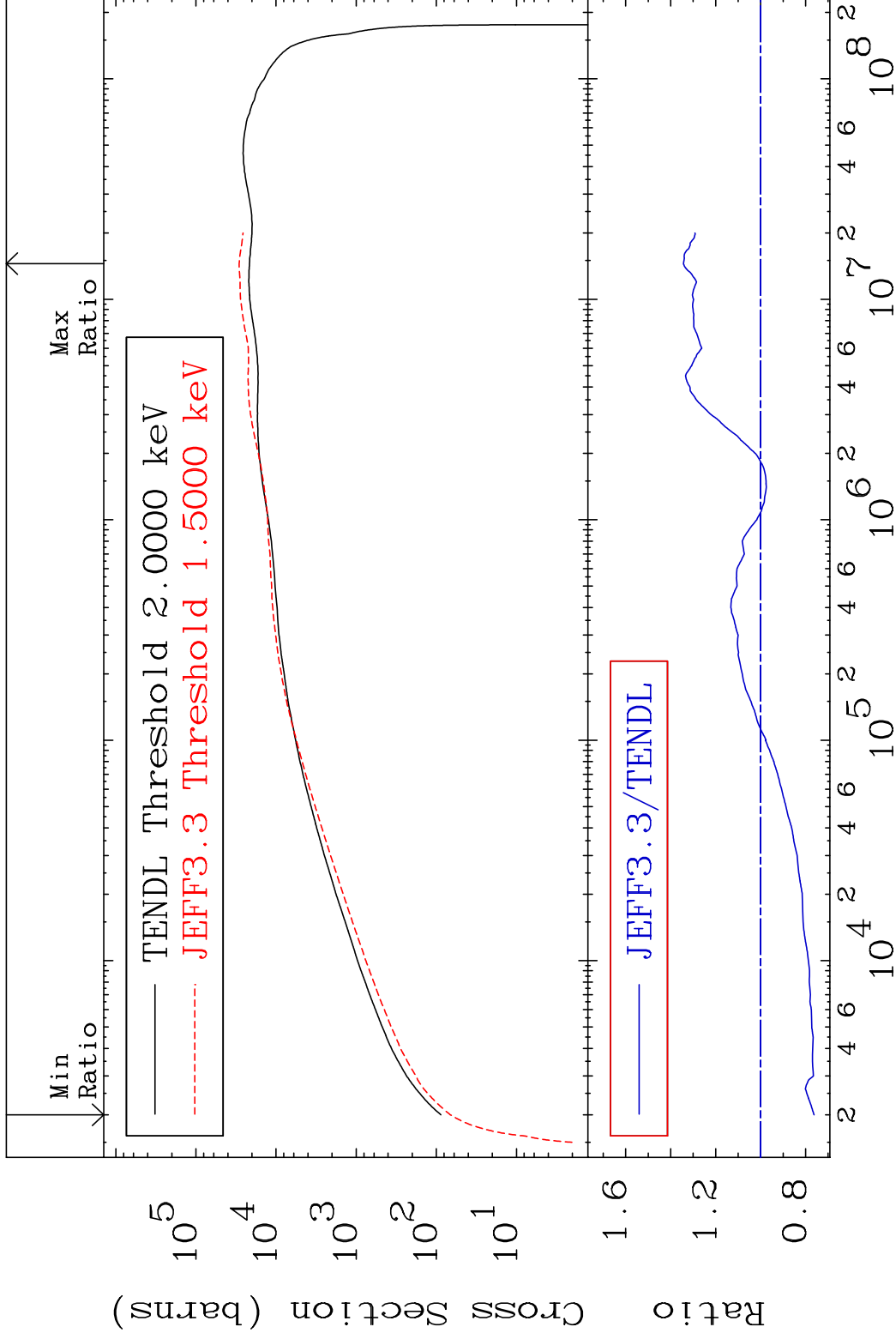
MAT 9852

Dpa elastic (mt2)

98-Cf-249

Cross Section

-23.74 To 34.31 %

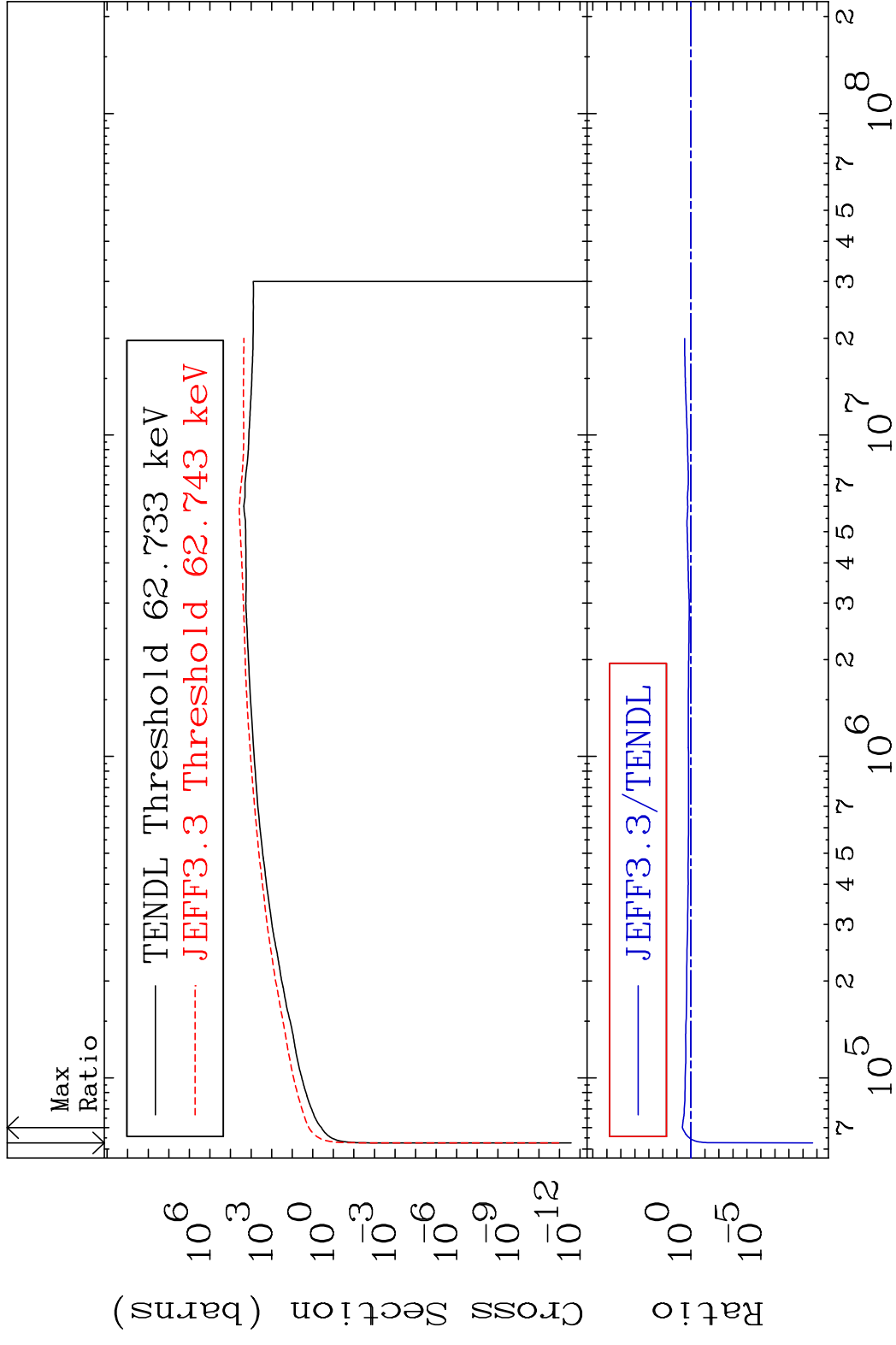


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Incident Energy (eV)

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. %

