

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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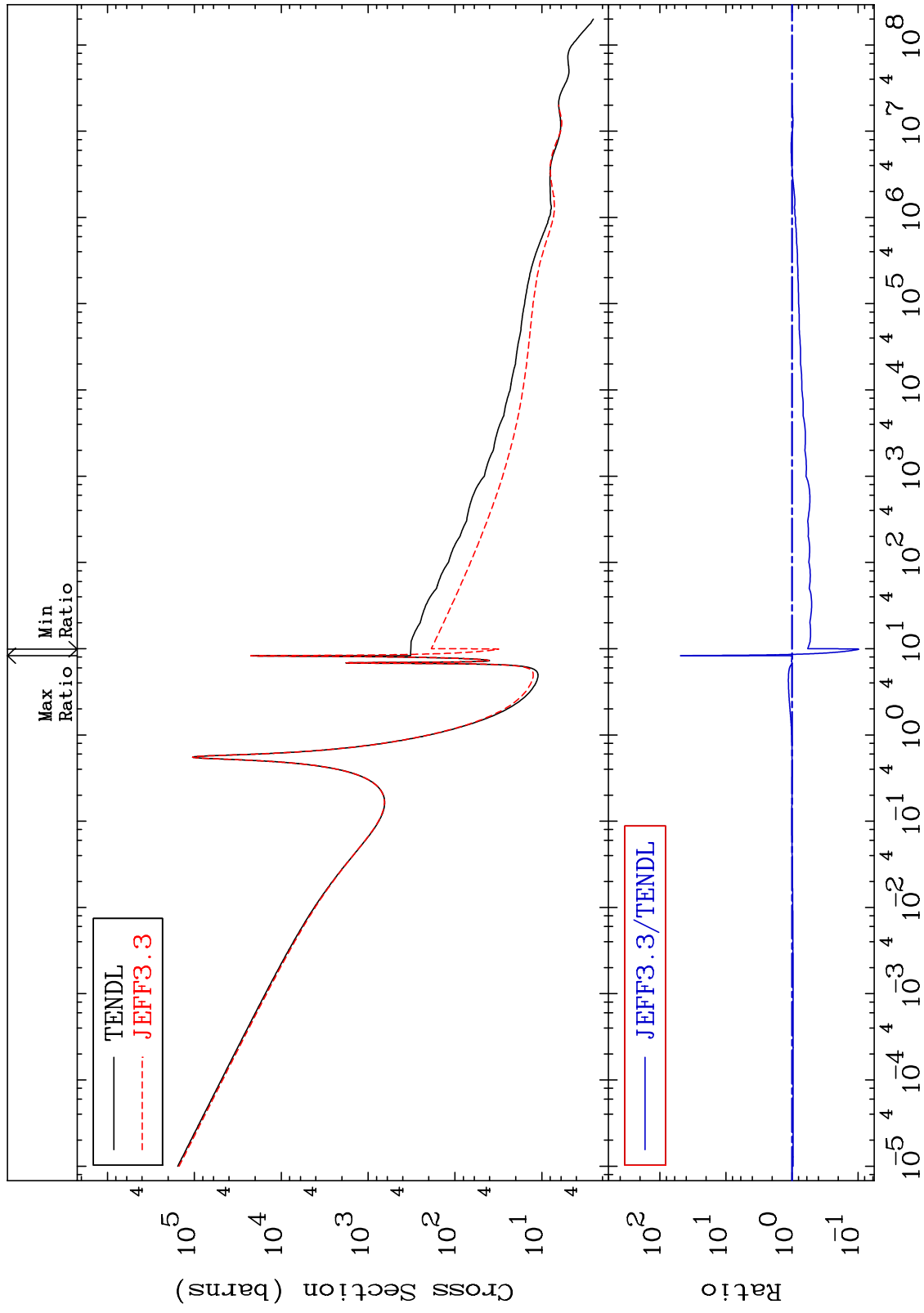
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9855

Total
Cross Section

98-Cf-250
-90.28 To 4760. %



Incident Energy (eV)

98-Cf-250

1

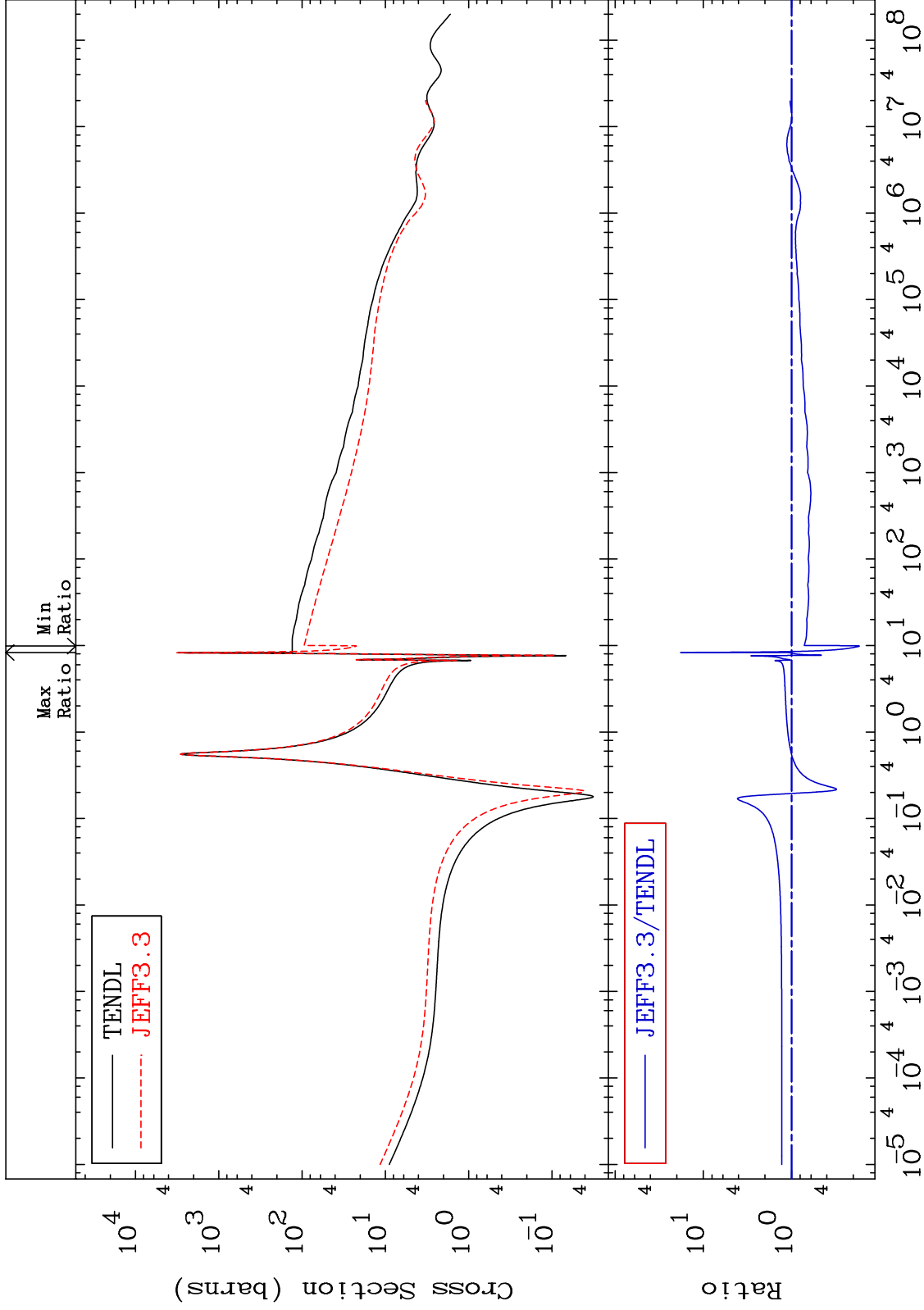
MAT 9855

Elastic

98-Cf-250

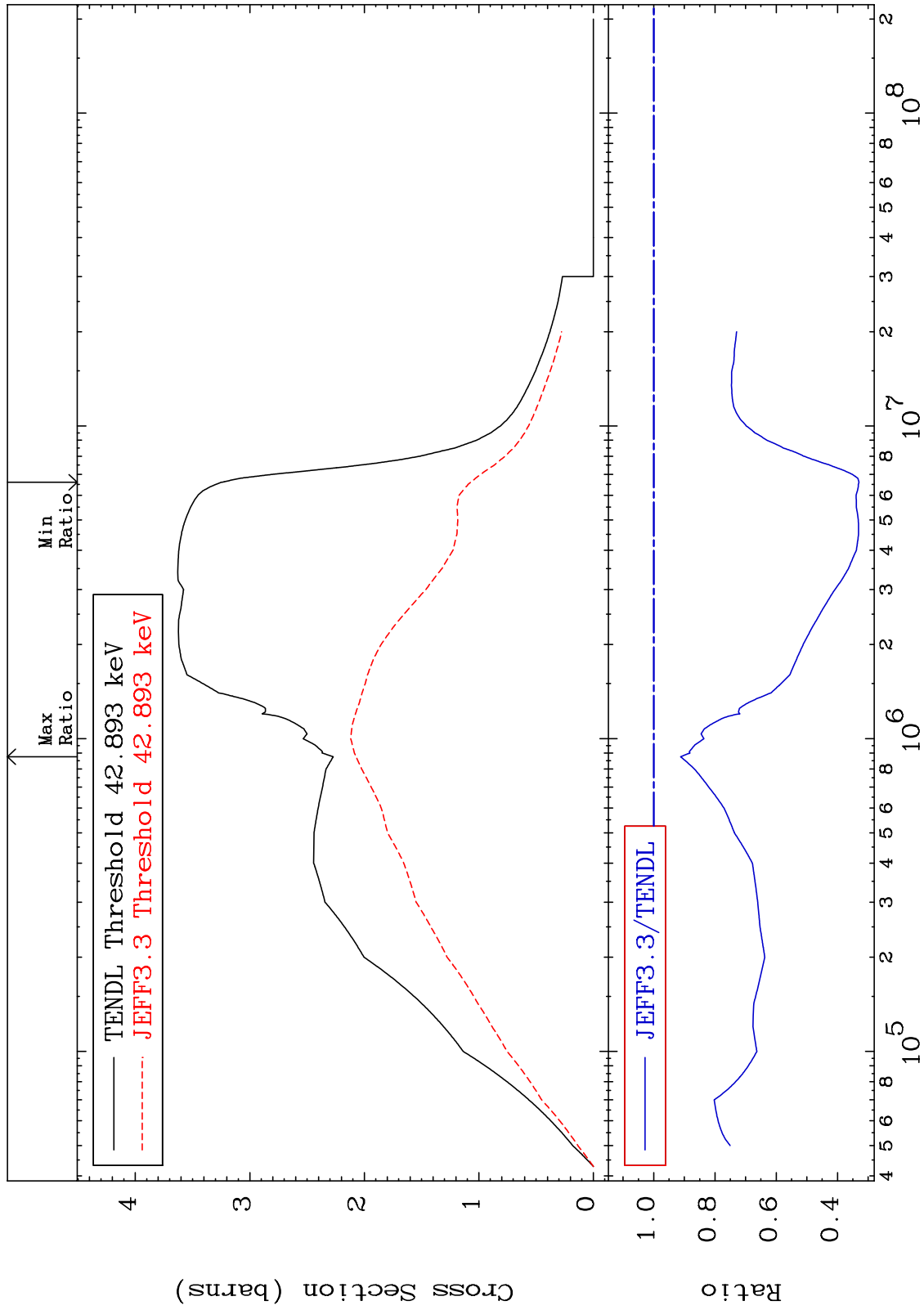
Cross Section

-83.07 To 1701. %



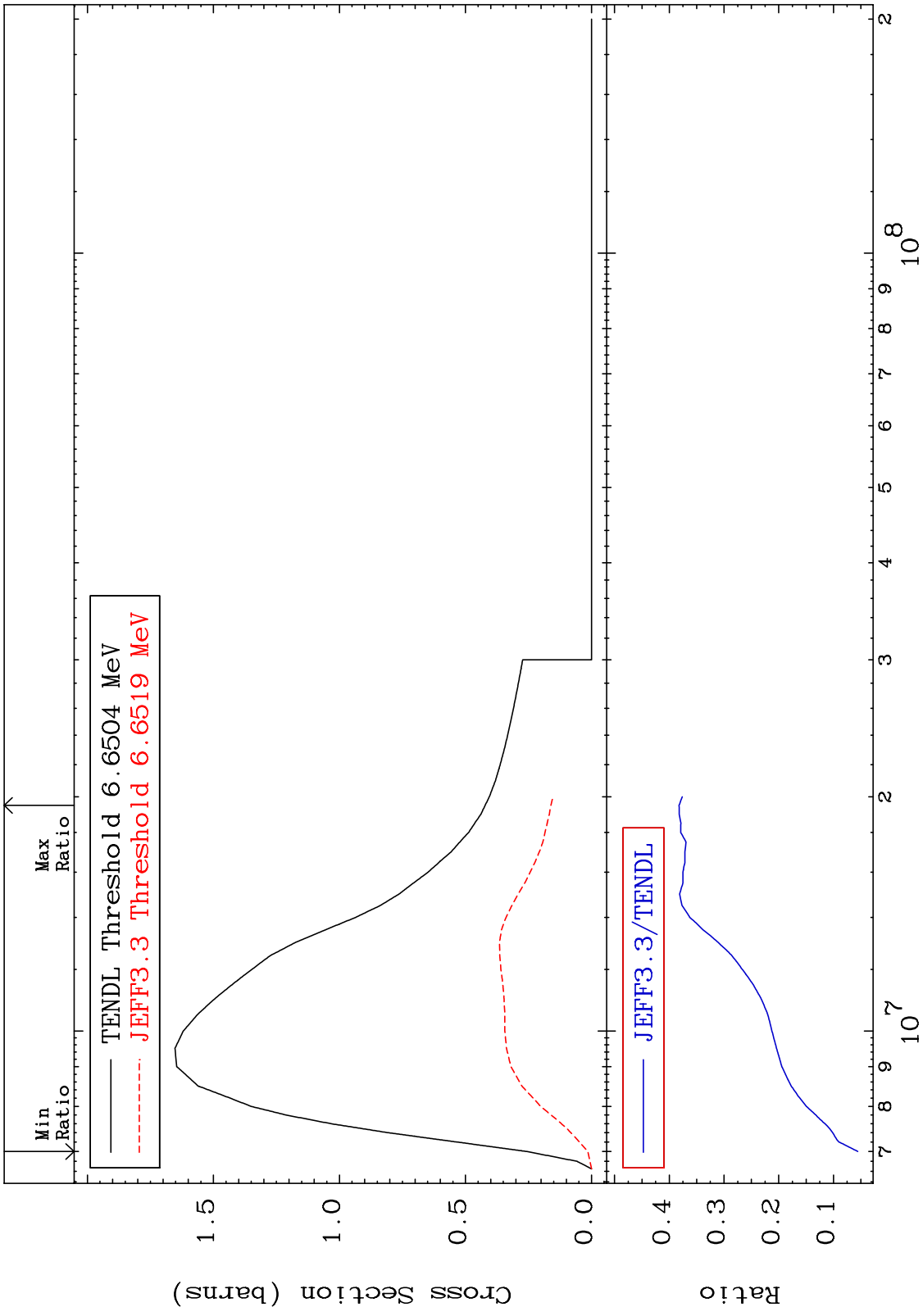
MAT 9855 98-Cf-250 -67.01 To -8.793%

Inelastic Cross Section

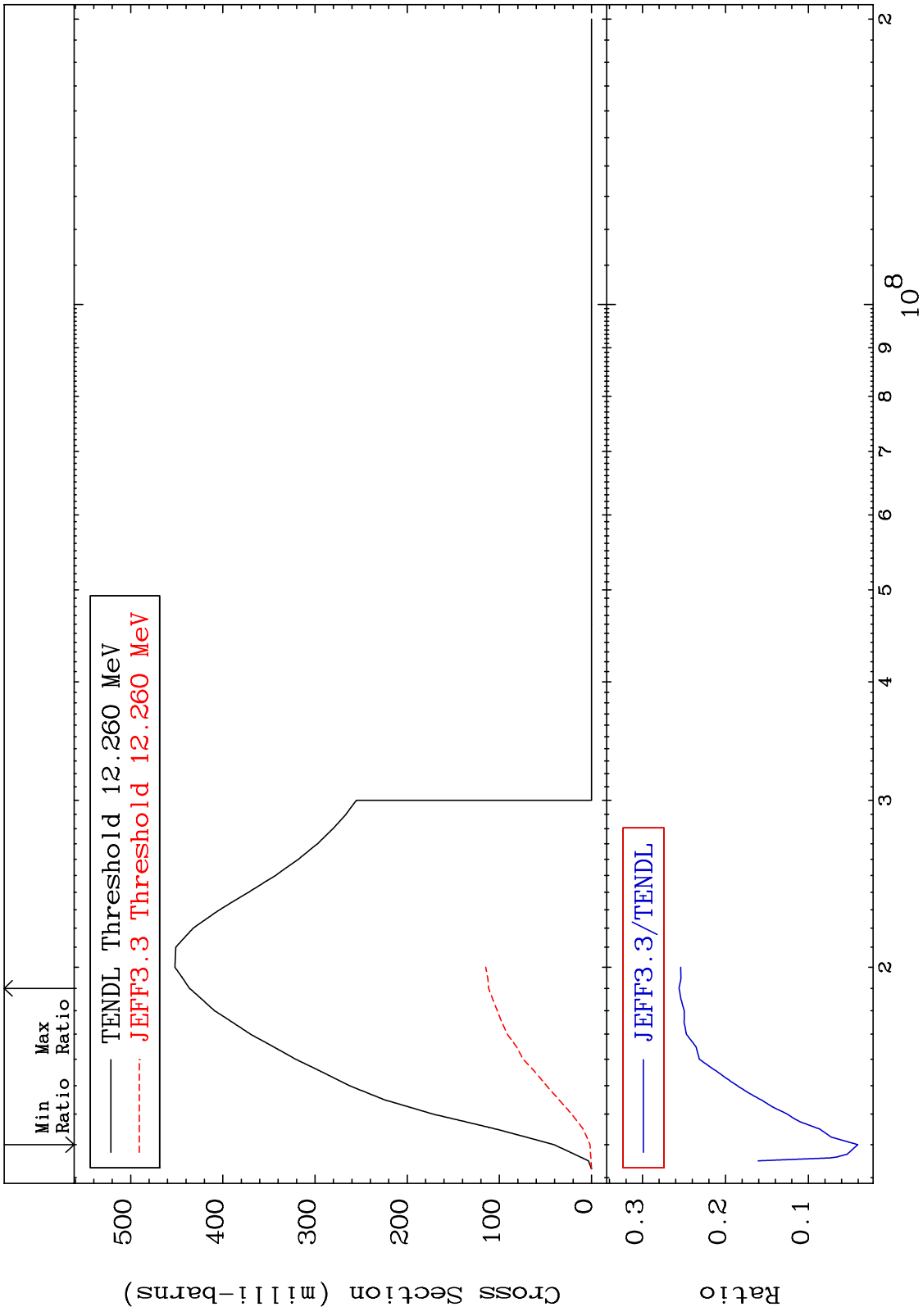


3 98-Cf-250

MAT 9855 (n,2n) Cross Section 98-Cf-250 -94.46 To -61.78%



MAT 9855 (n,3n) Cross Section 98-Cf-250 -95.96 To -74.40%



MAT 9855

98-Cf-250

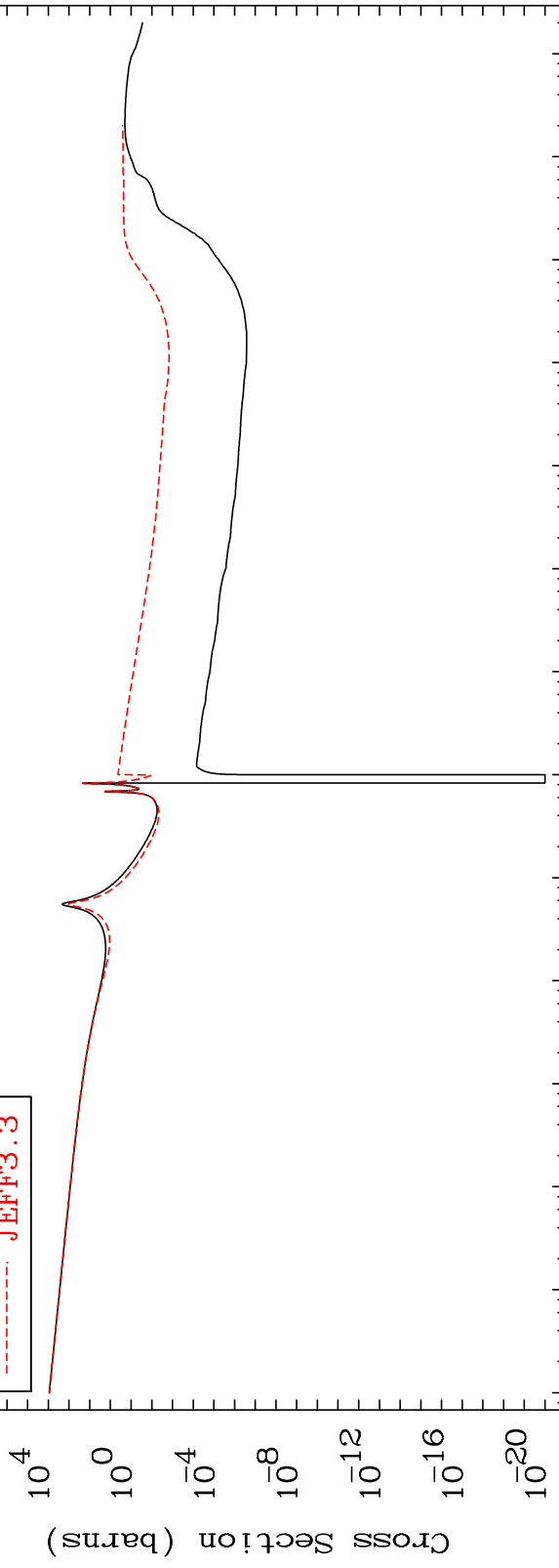
-50.62 To 9999. %

Fission
Cross Section

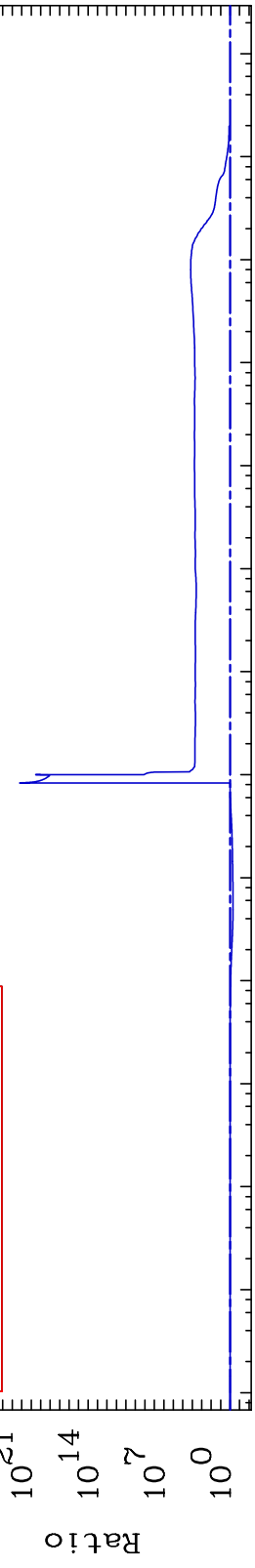
Min Ratio

Max Ratio

TENDL
JEFF3.3



JEFF3.3/TENDL



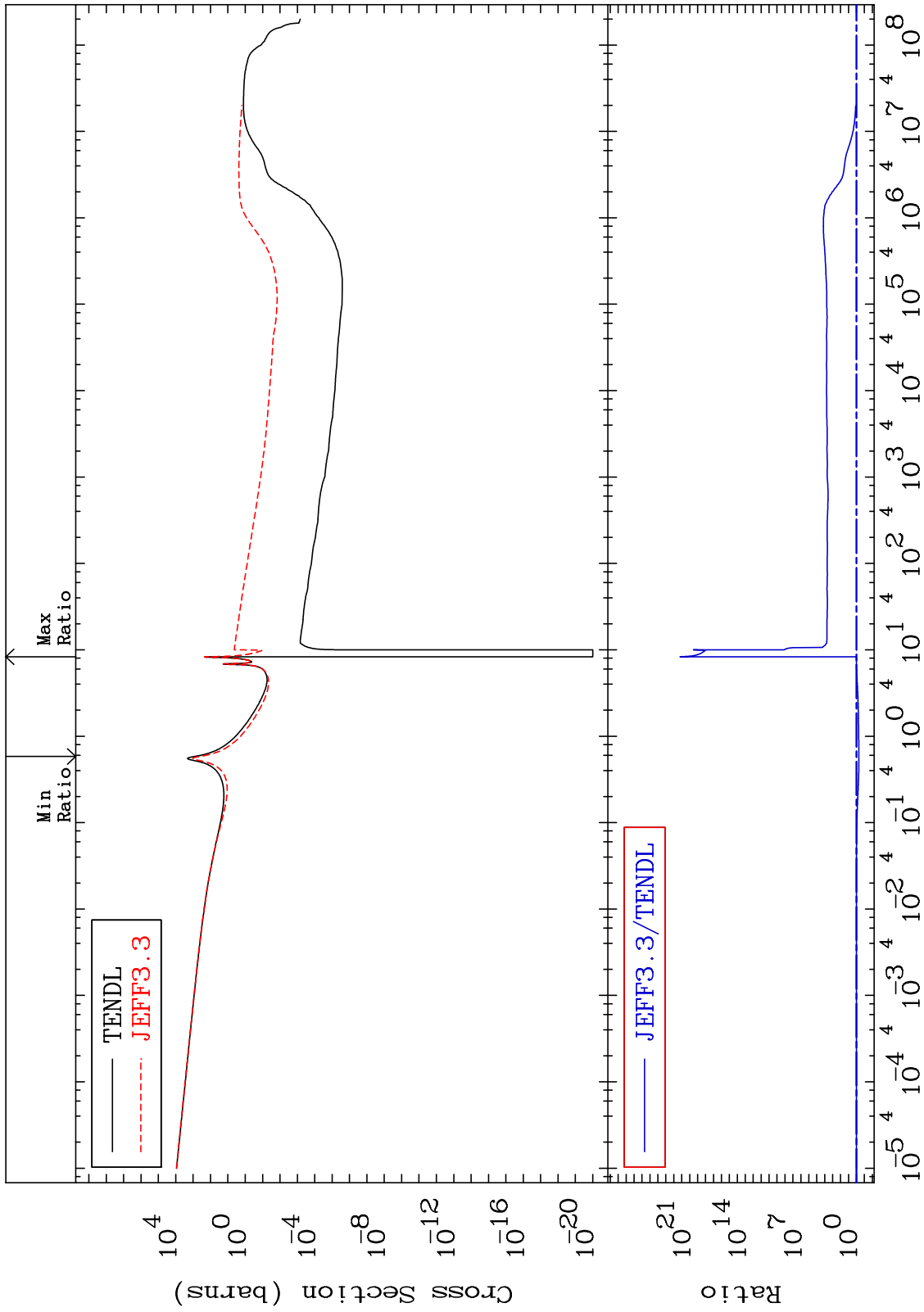
Incident Energy (eV)

98-Cf-250

MAT 9855

(n,f) First Chance
Cross Section

98-Cf-250
-50.62 To 9999. %

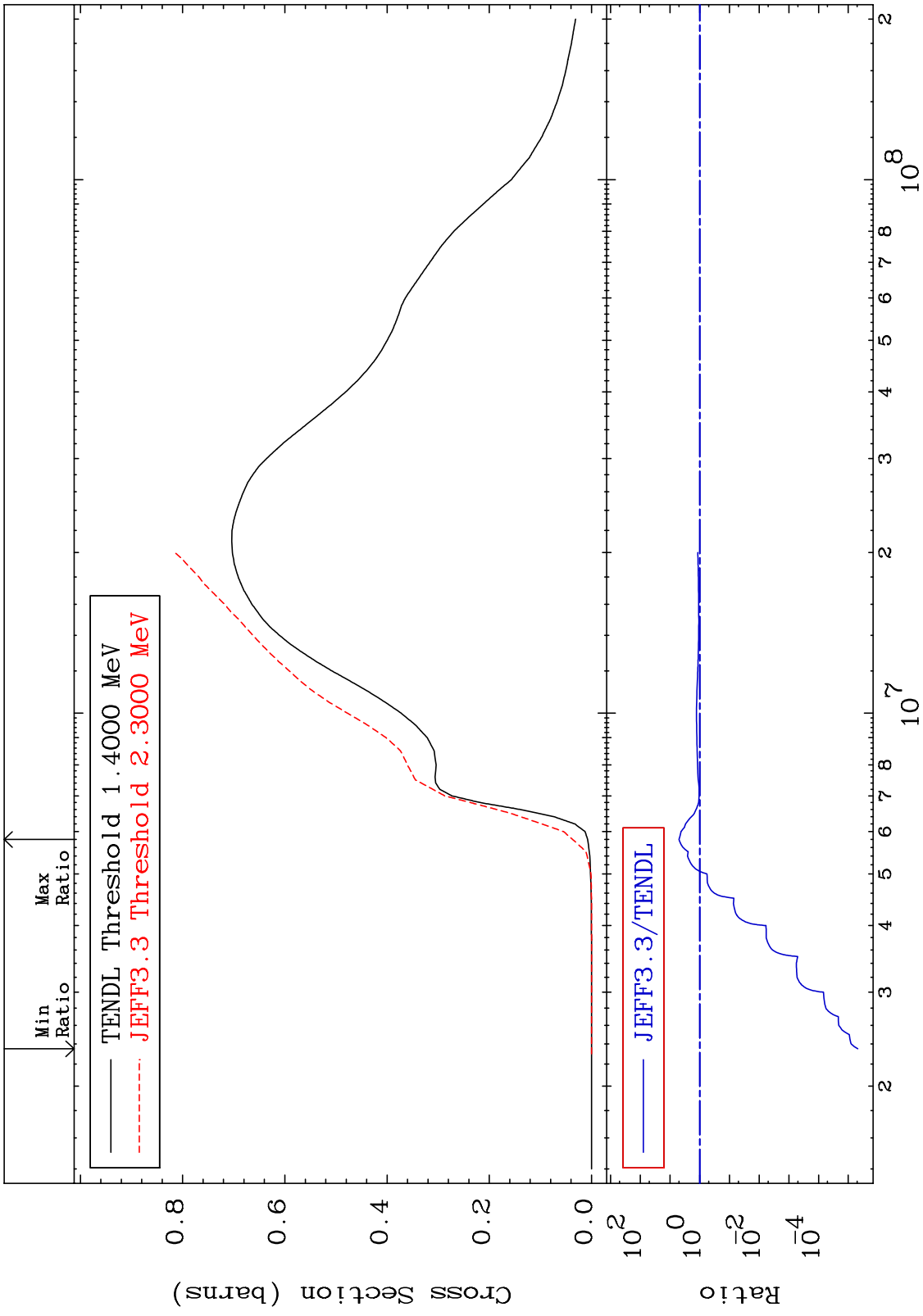


7

Incident Energy (eV)

98-Cf-250

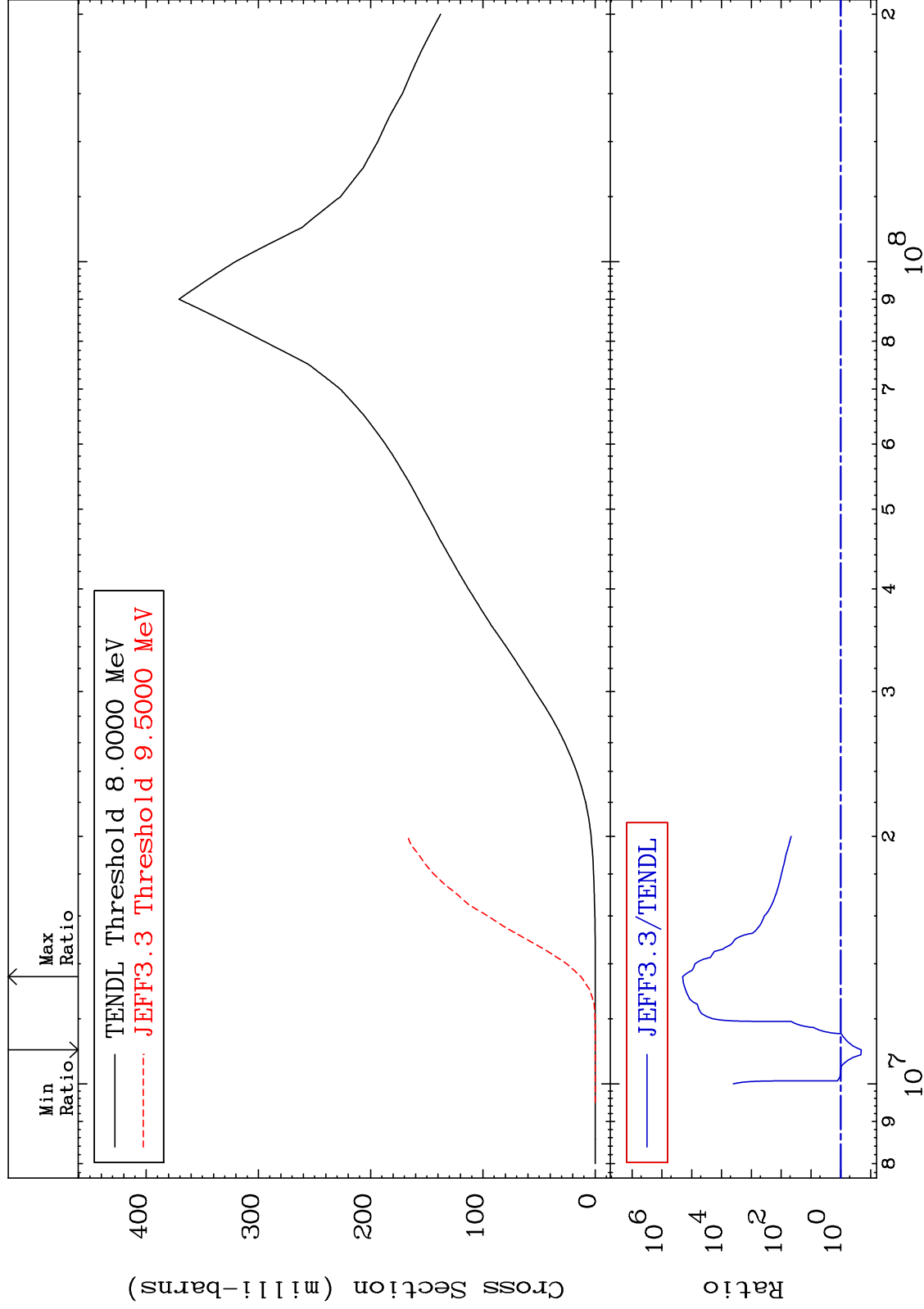
MAT 9855 (n,nf) Second Chance Cross Section 98-Cf-250
 -100.0 To 395.8 %



MAT 9855

(n,2nf) Third Chance
Cross Section

98-Cf-250
-79.57 To 9999. %

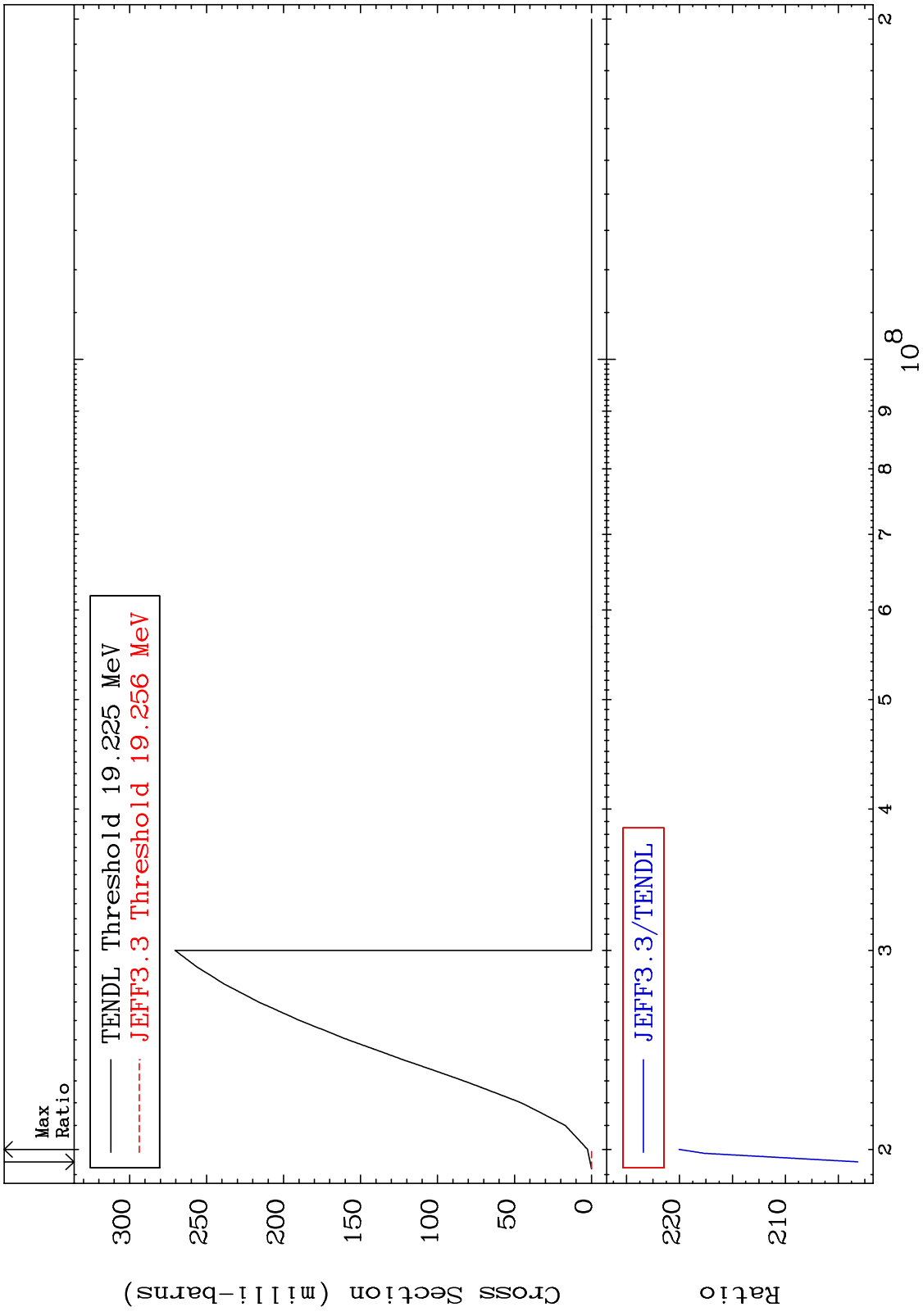


9

Incident Energy (eV)

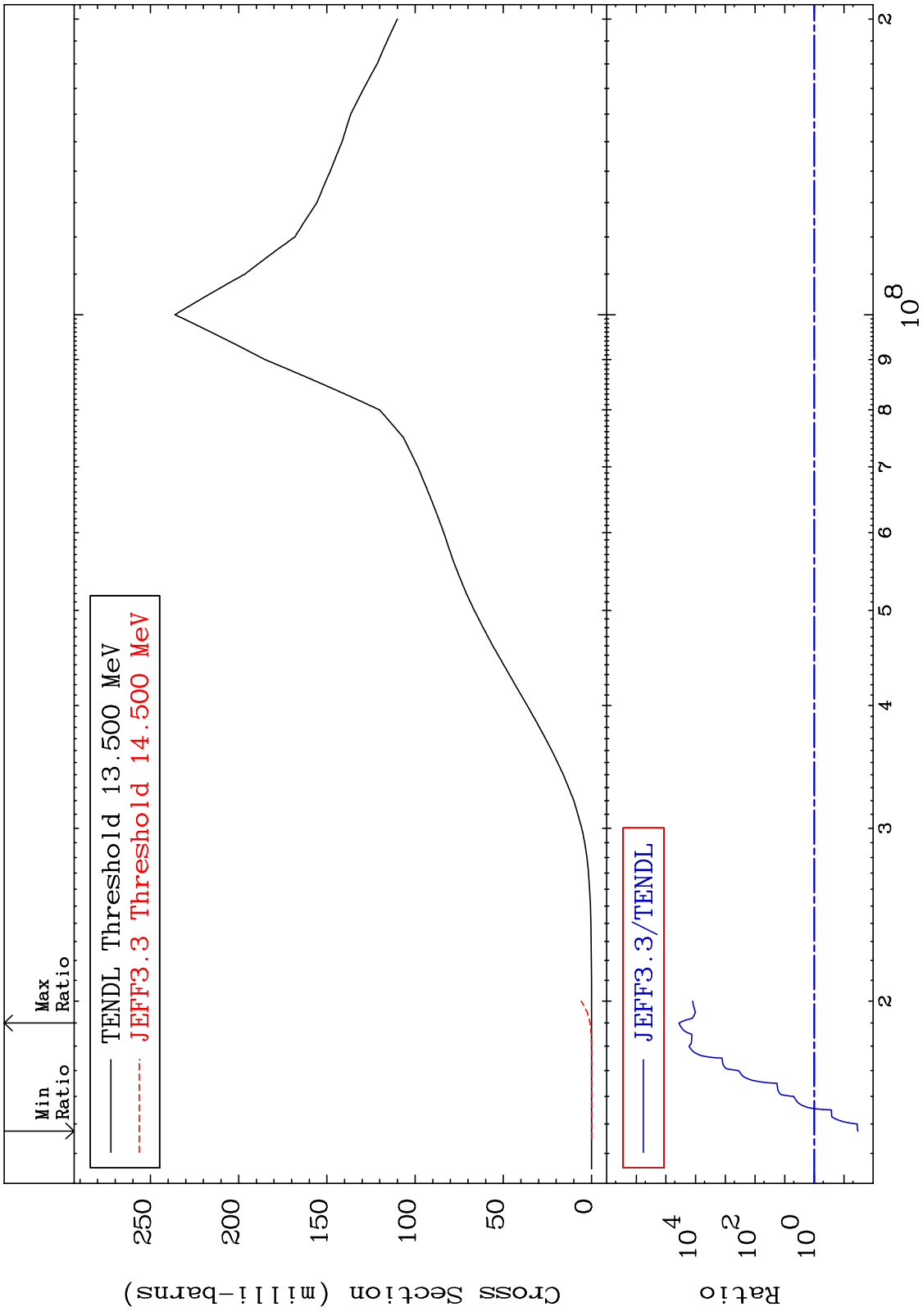
98-Cf-250

MAT 9855 (n,4n) Cross Section 98-Cf-250 -99.98 To -99.98%

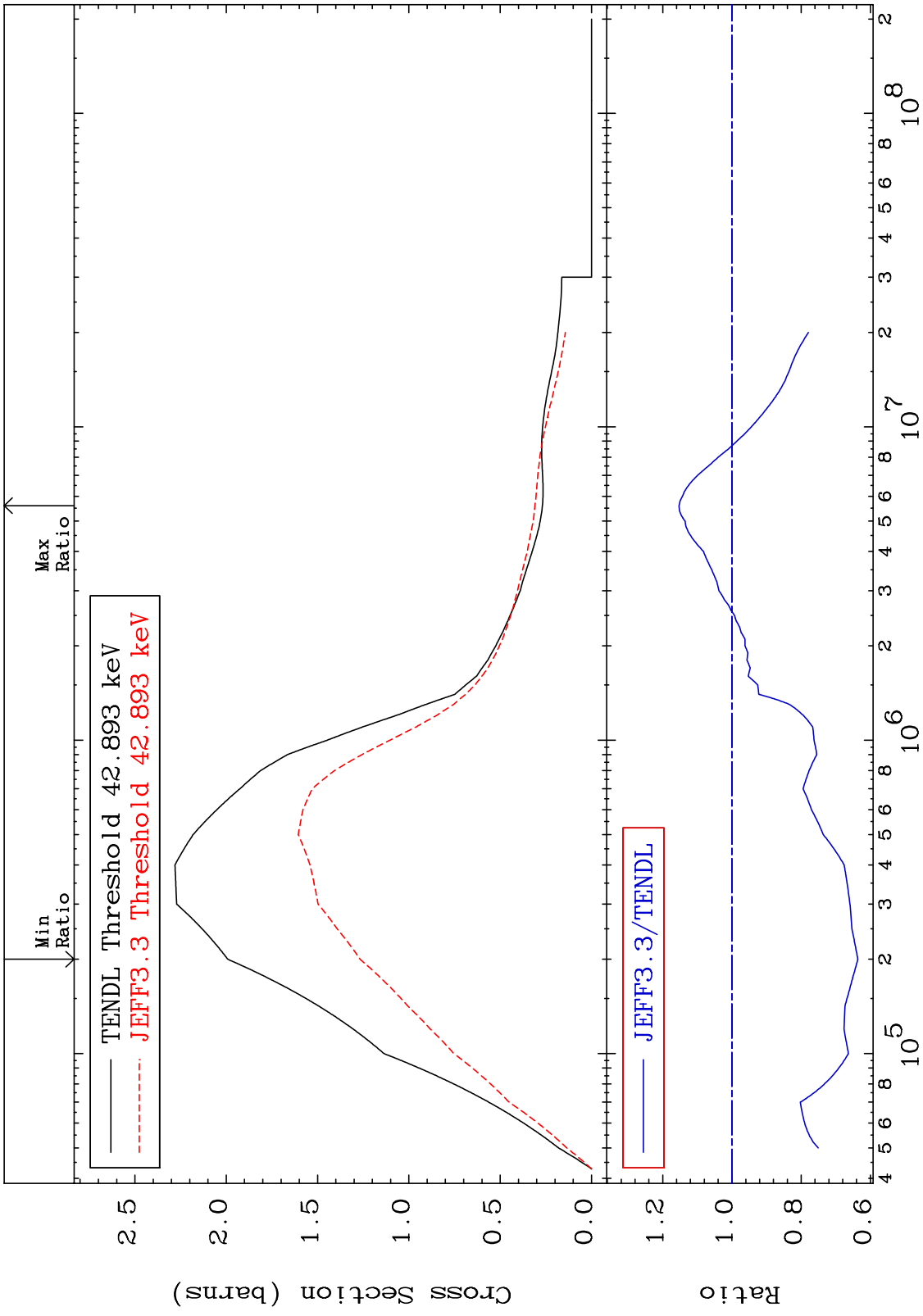


10 Incident Energy (eV) 98-Cf-250

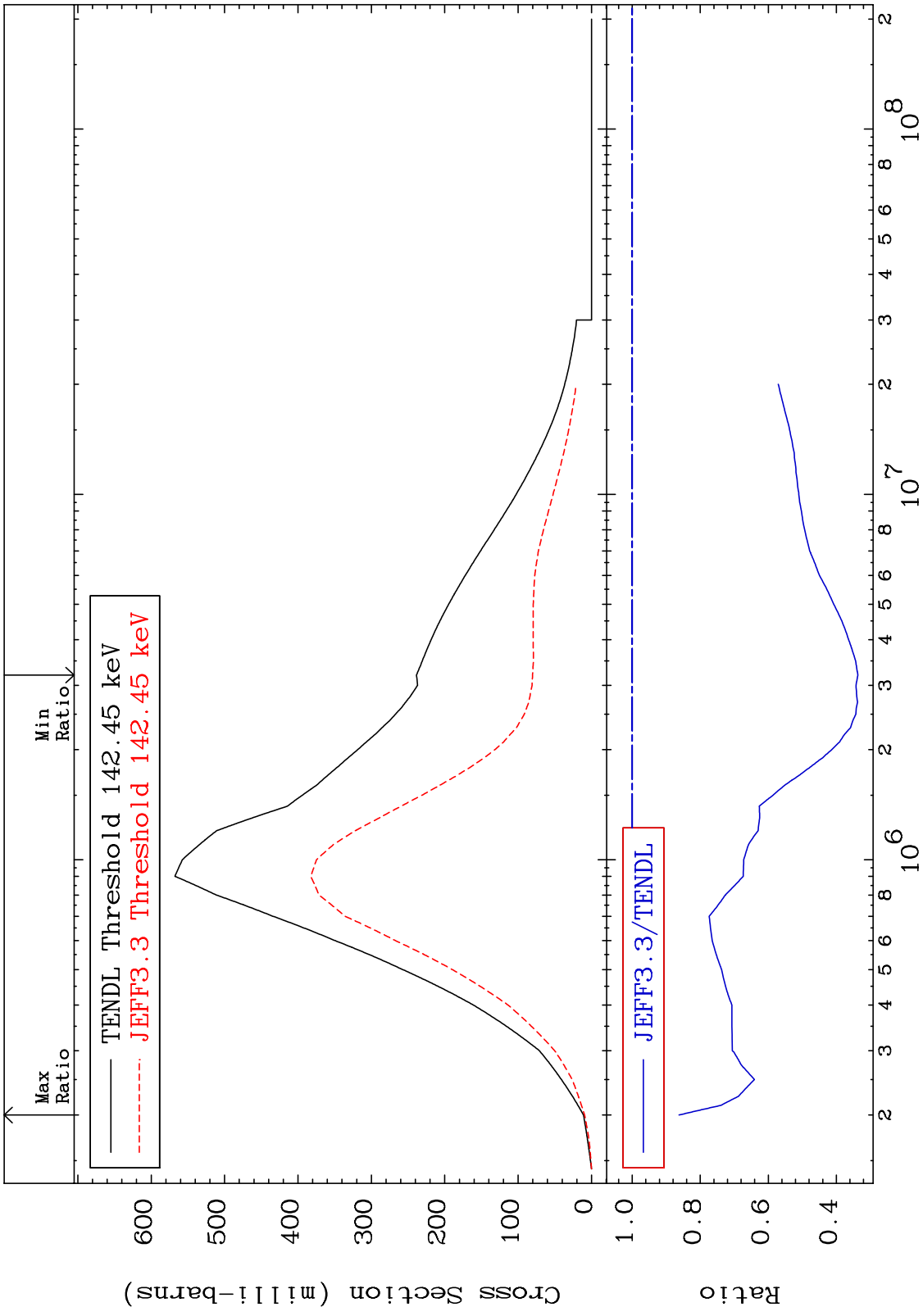
MAT 9855 (n,3nf) Fourth Chance Cross Section 98-Cf-250
 -96.56 To 9999. %



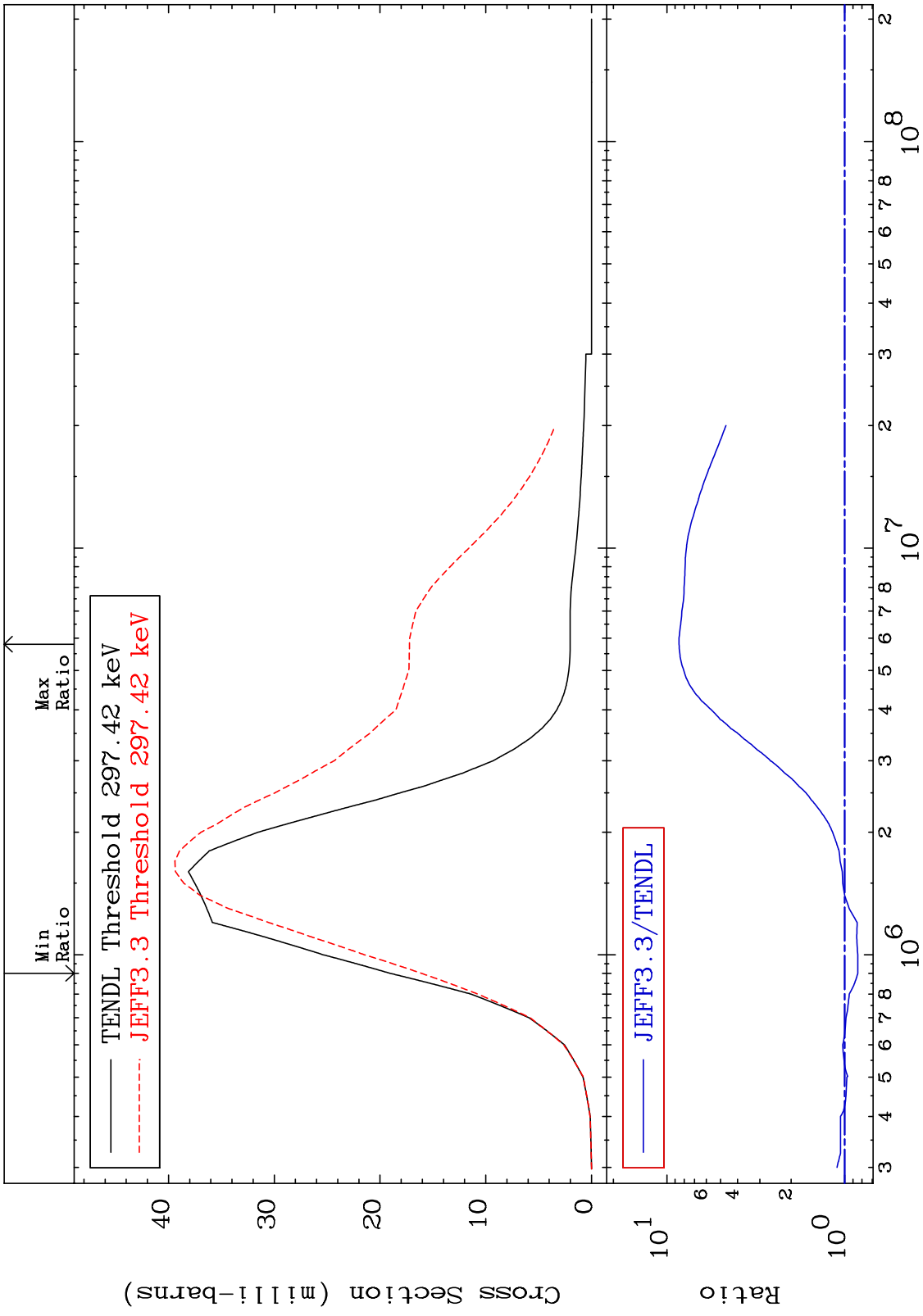
MAT 9855 MT= 51 (n,n') Level Cross Section 98-Cf-250
 -36.38 To 15.28 %



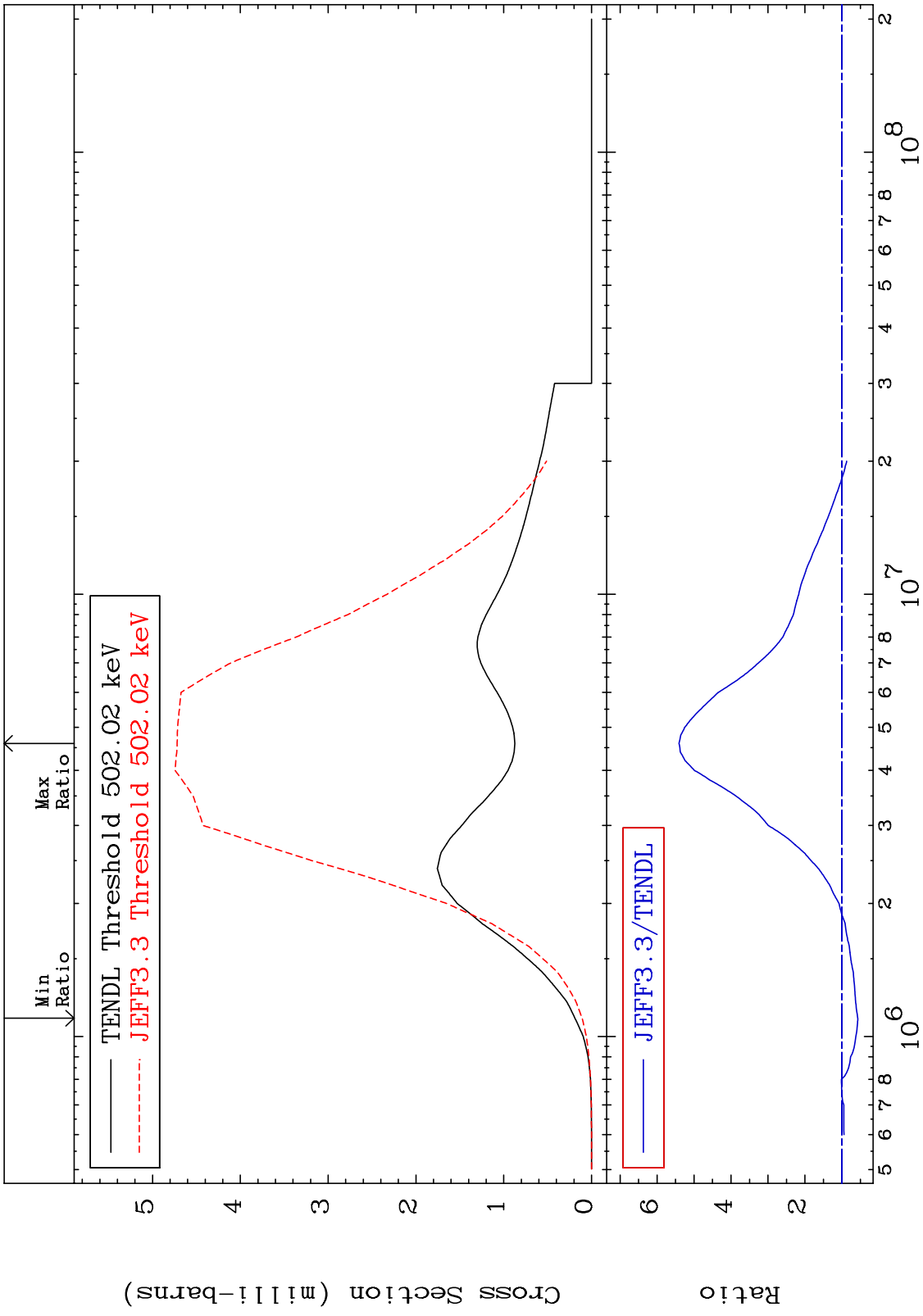
MAT 9855 MT= 52 (n,n') Level Cross Section 98-Cf-250
 -66.33 To -13.77%



MAT 9855 MT= 53 (n,n') Level Cross Section -15.57 To 754.3 % 98-Cf-250



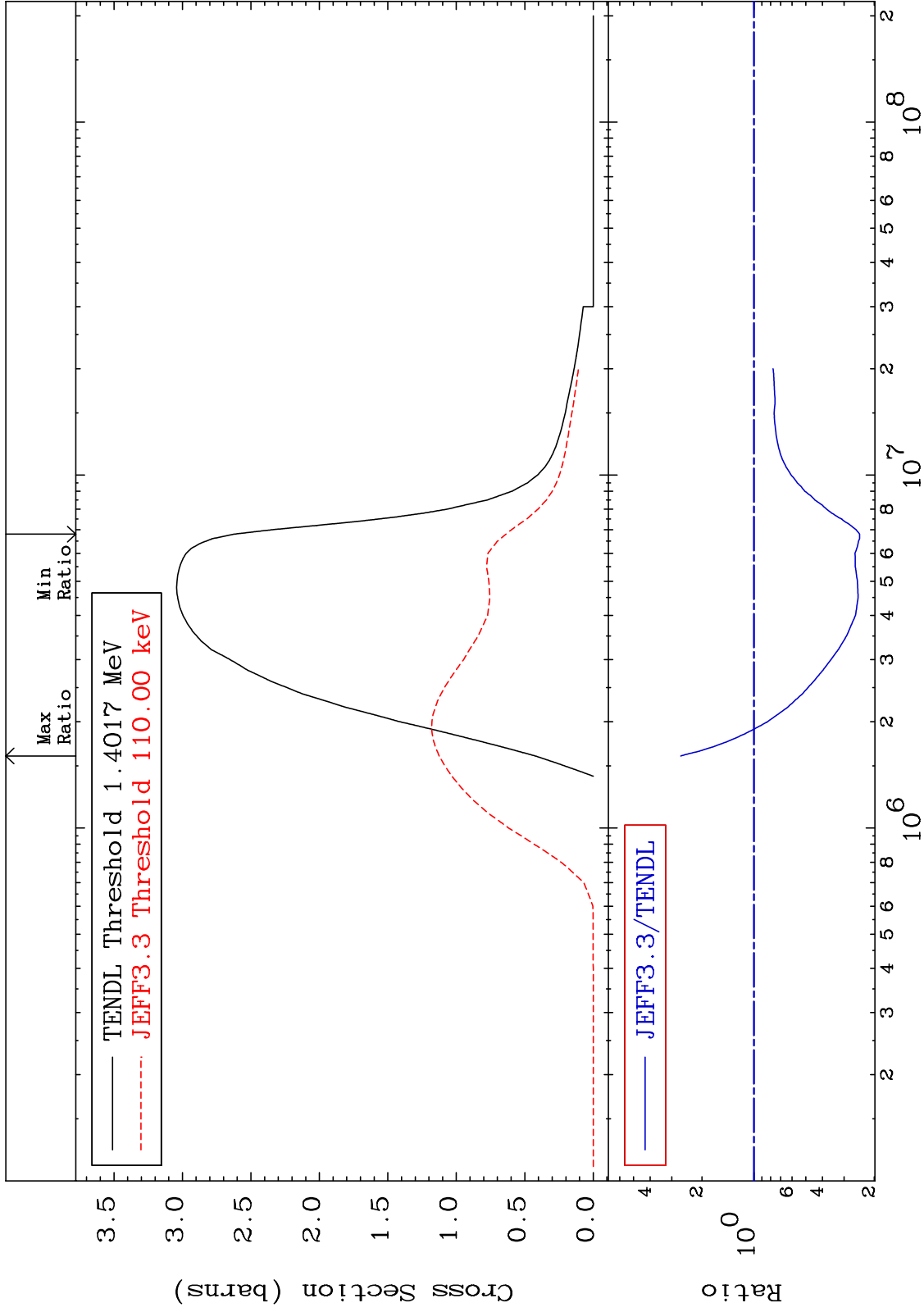
MAT 9855 MT= 54 (n,n') Level Cross Section 98-Cf-250
 -43.09 To 440.5 %



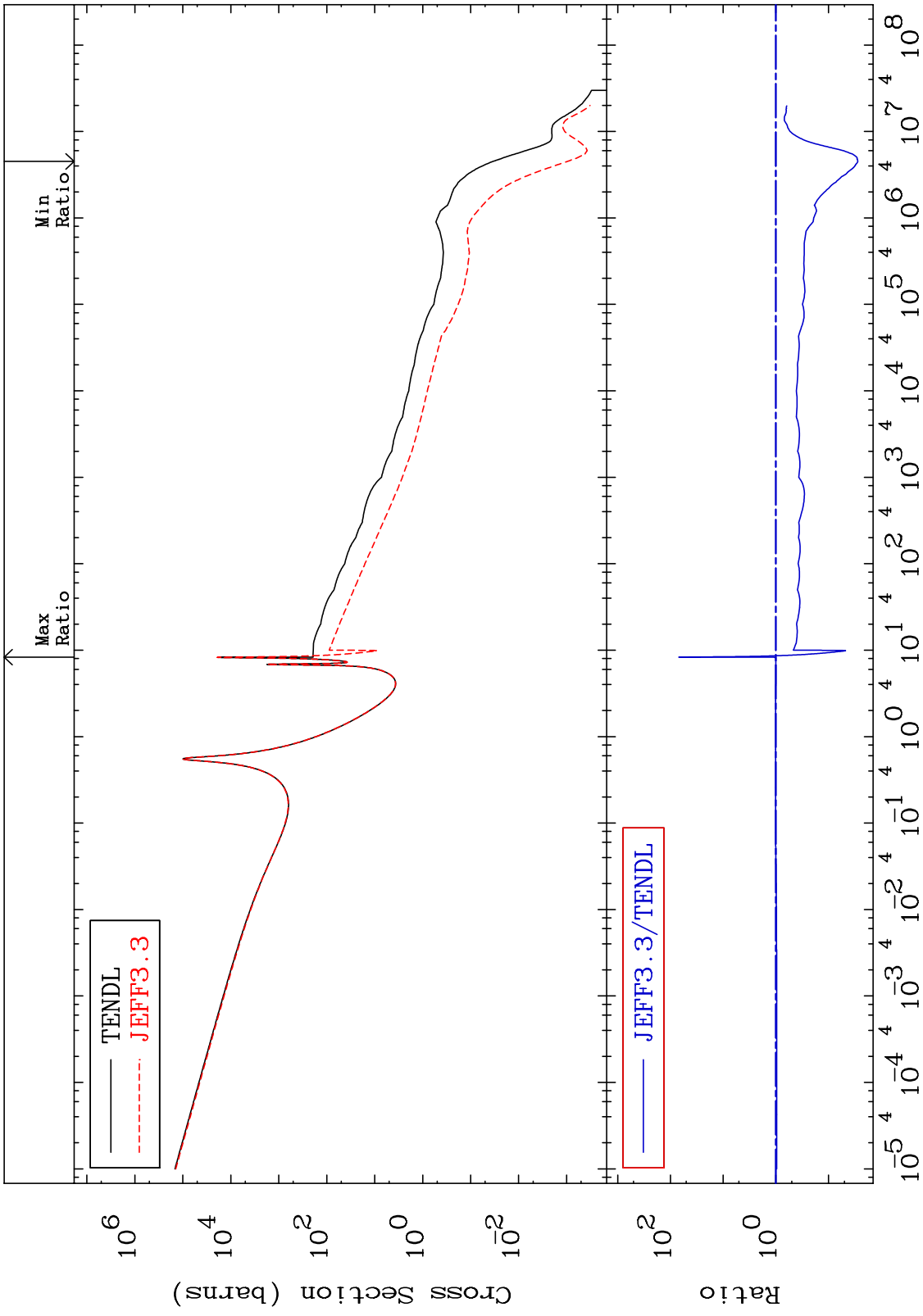
MAT 9855

(n,n') Continuum
Cross Section

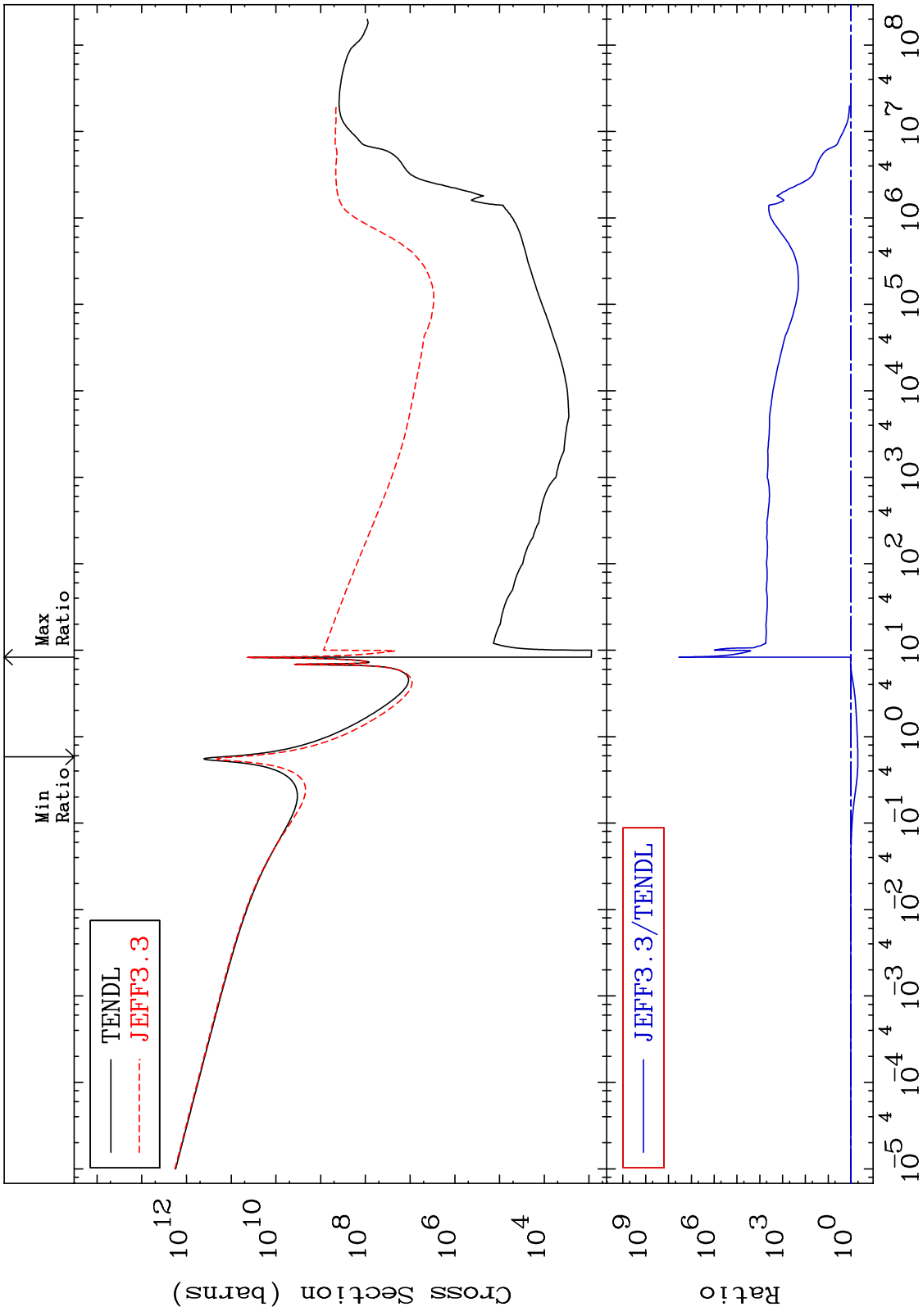
98-Cf-250
-75.67 To 165.5 %



MAT 9855 98-Cf-250
-97.22 To 6755. %



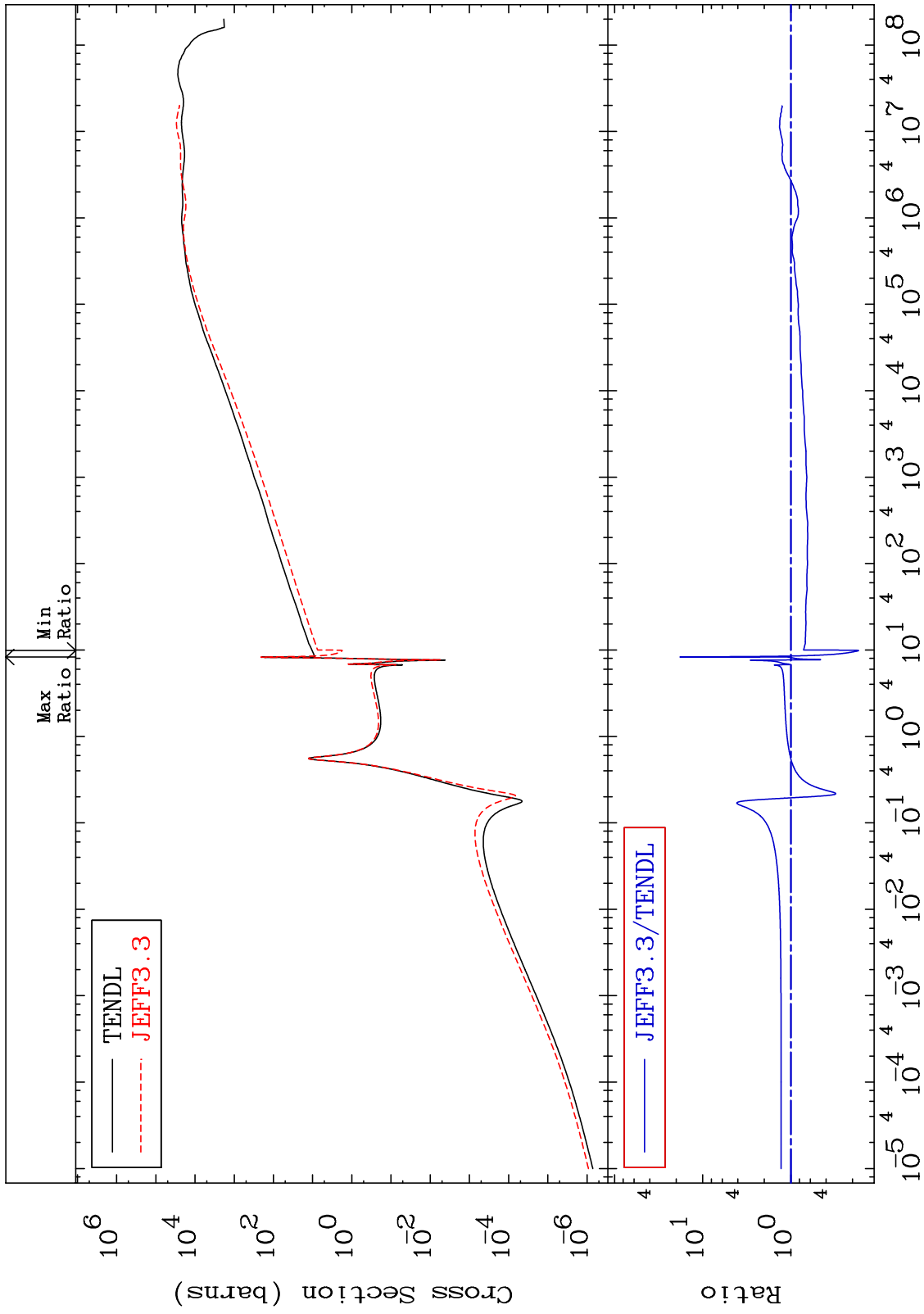
MAT 9855 Kerma total (eV-barns) 98-Cf-250
 Cross Section -49.49 To 9999. %



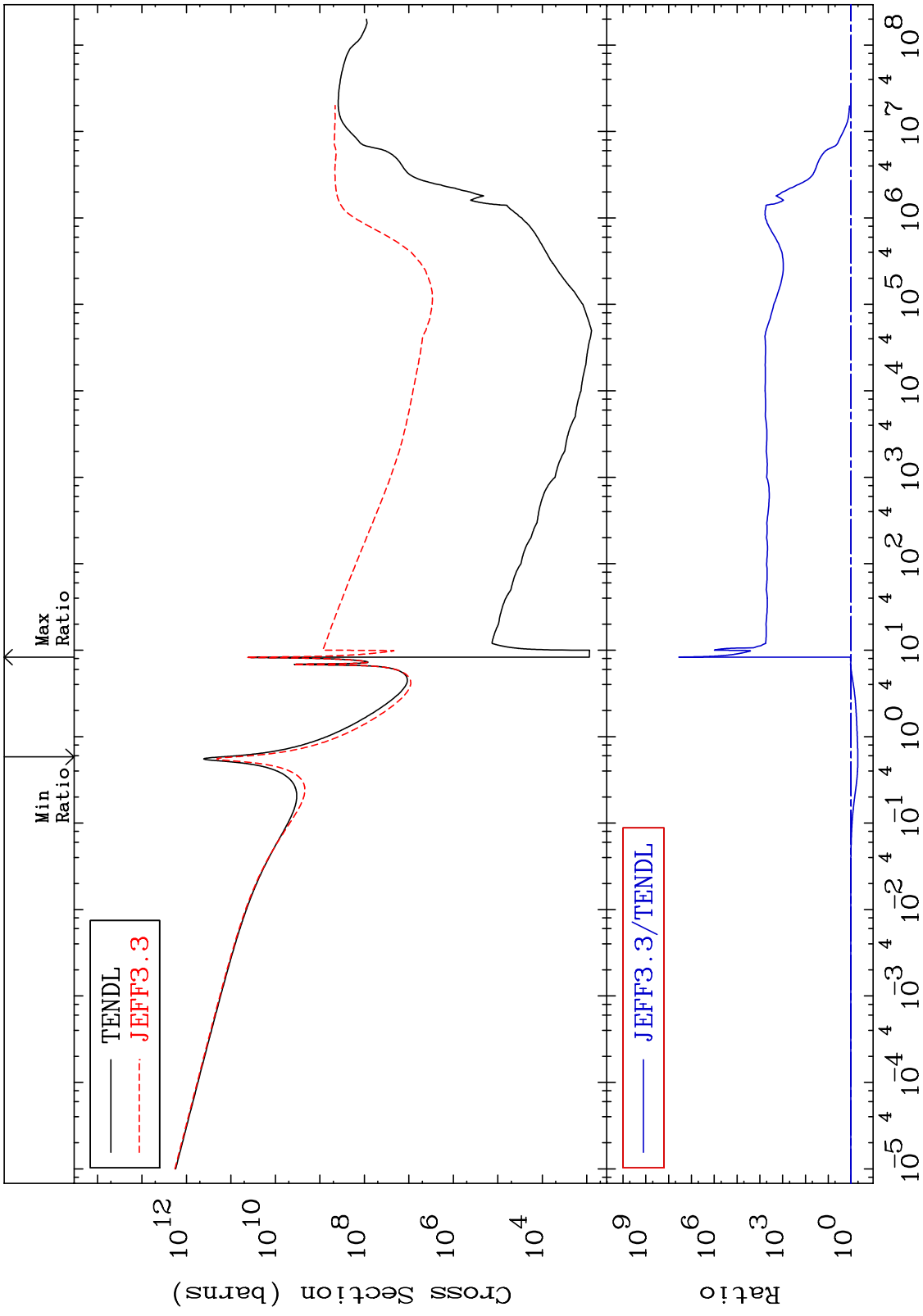
MAT 9855

Kerma elastic
Cross Section

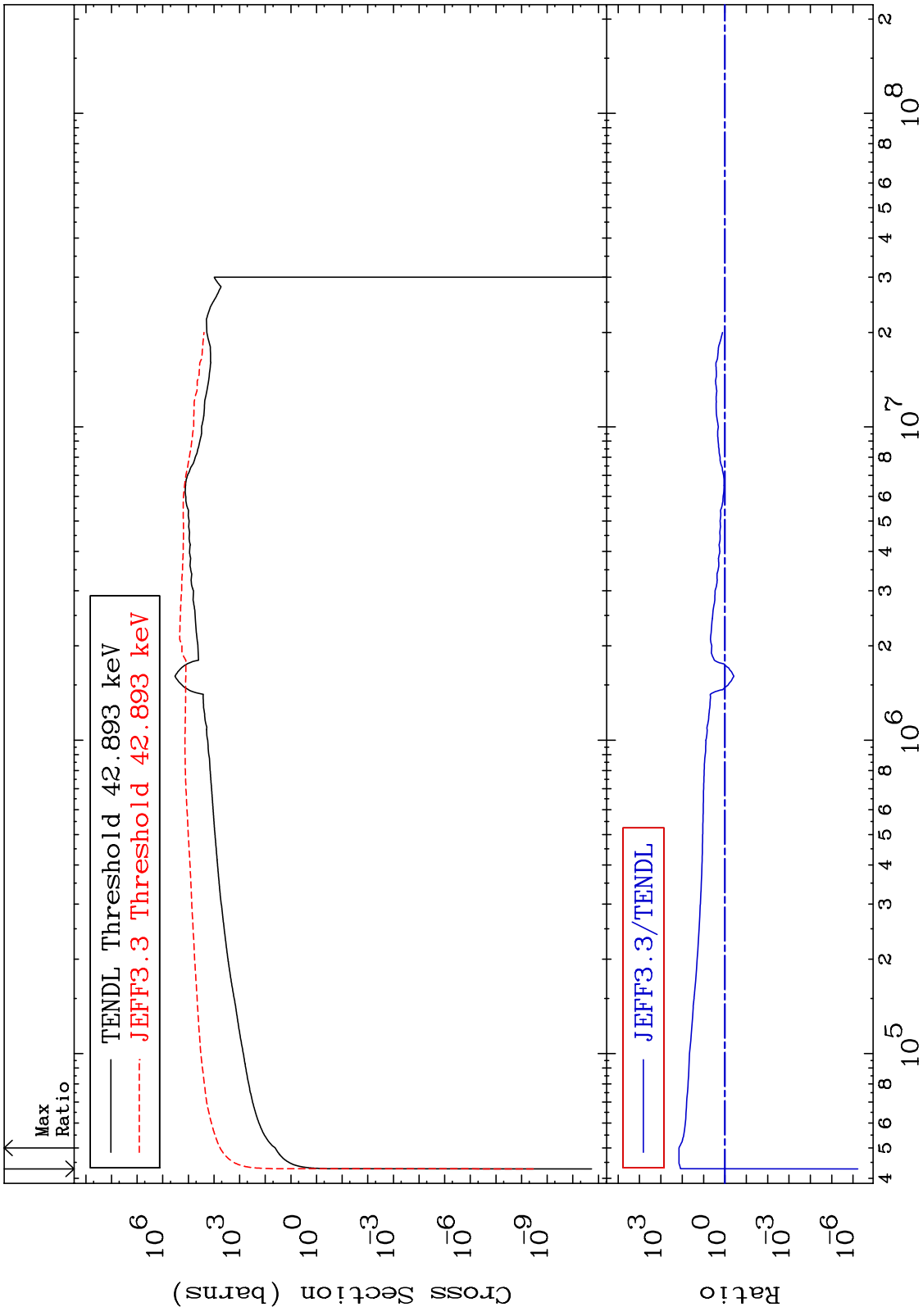
98-Cf-250
-83.07 To 1701. %



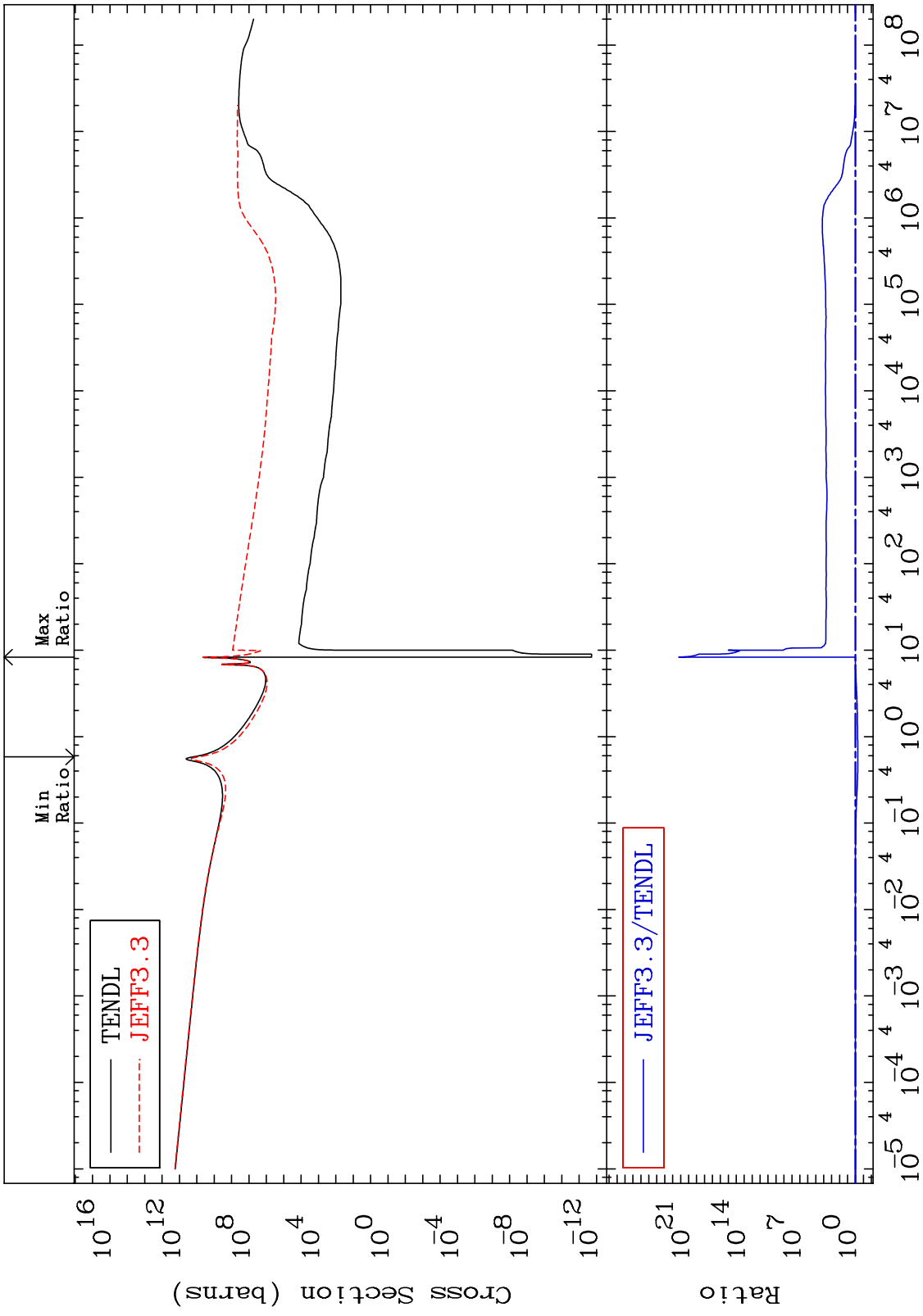
MAT 9855 Kerma non-elastic (all but mt2) 98-Cf-250
 -49.49 To 9999. %
 Cross Section



MAT 9855 Kerma inelastic (mt51-91) 98-Cf-250
 Cross Section -100.0 To 9999. %

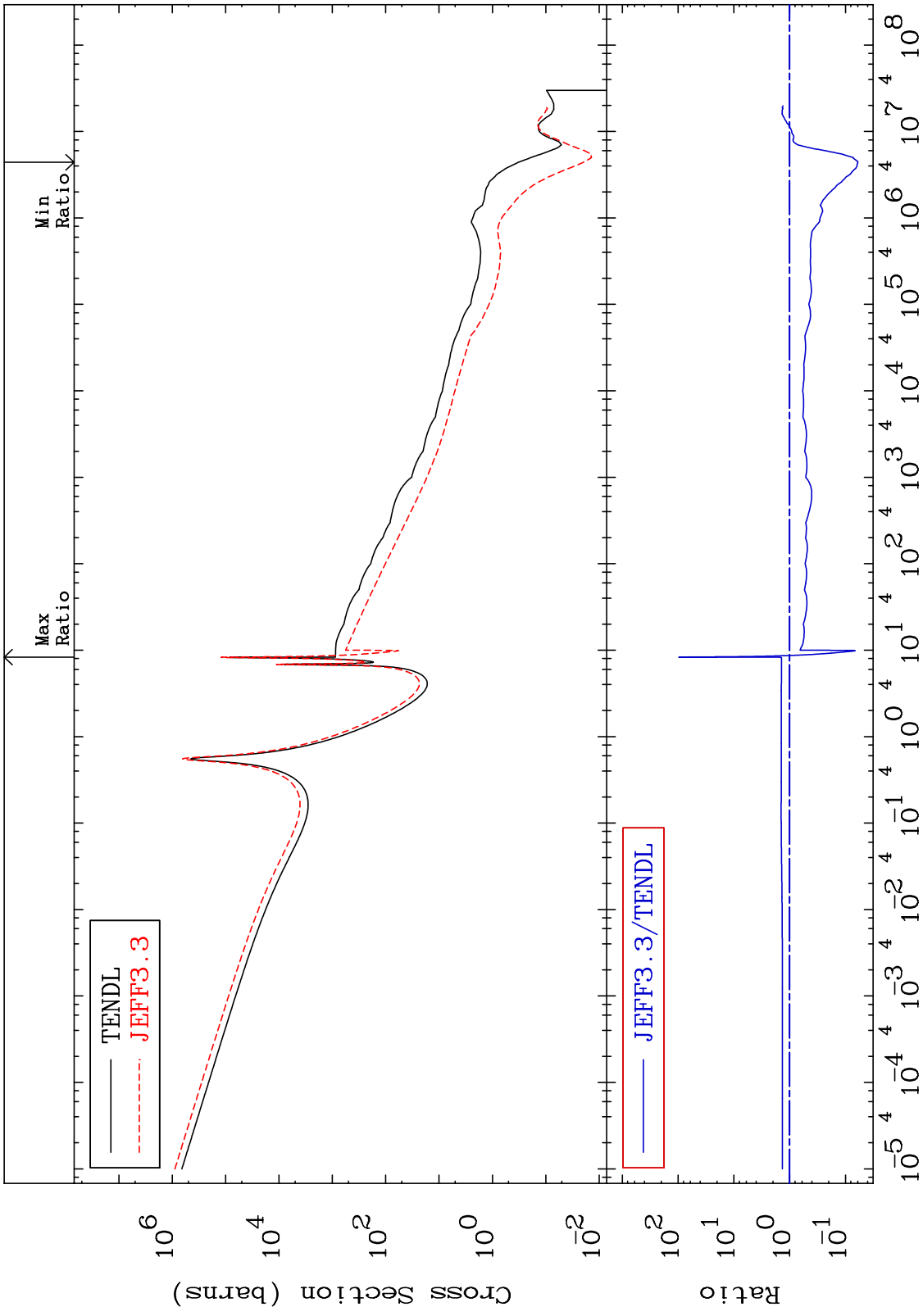


MAT 9855 Kerma fission (mt18 or mt19-20-21-38) 98-Cf-250
 Cross Section -49.49 To 9999. %

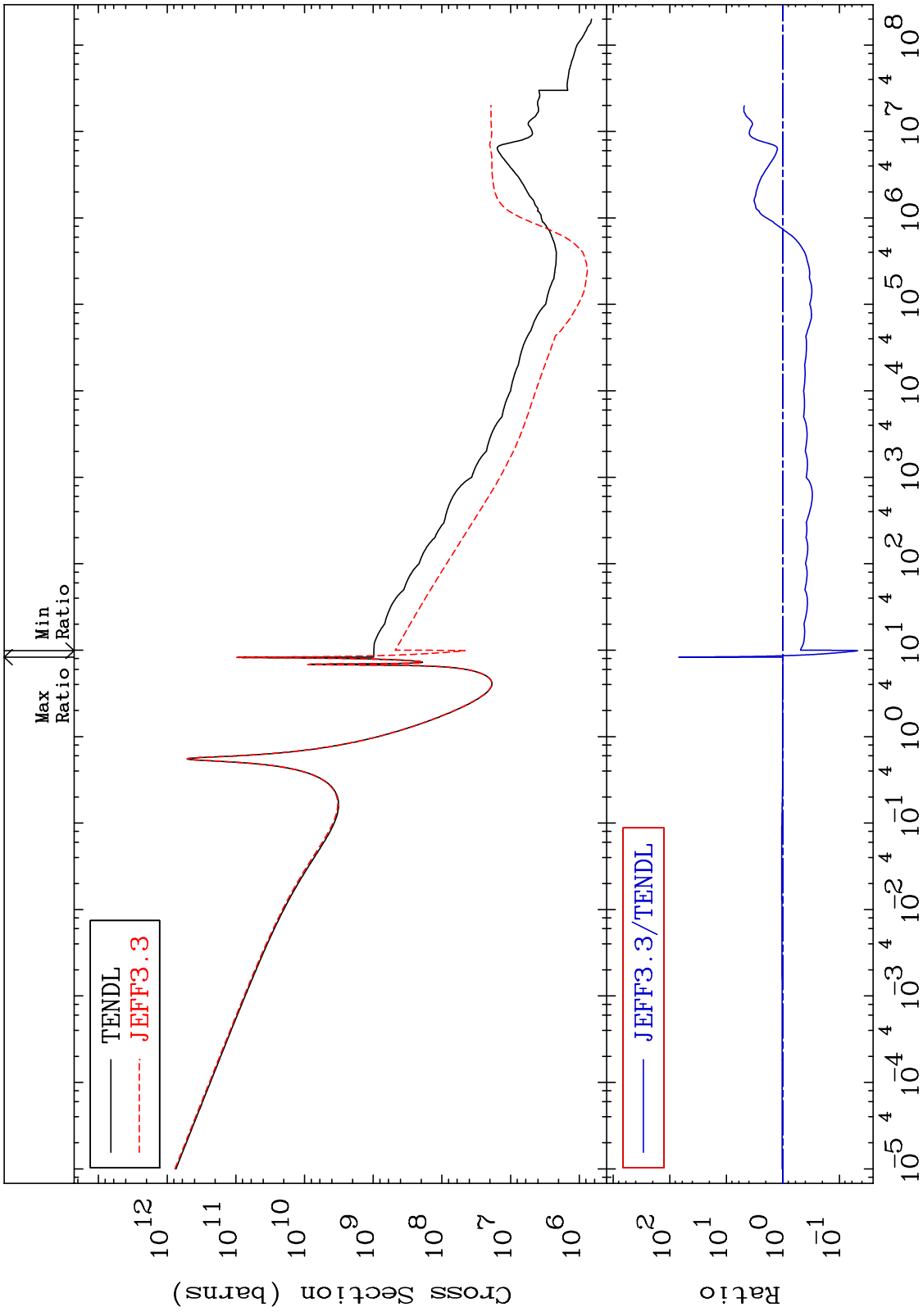


Incident Energy (eV) 98-Cf-250

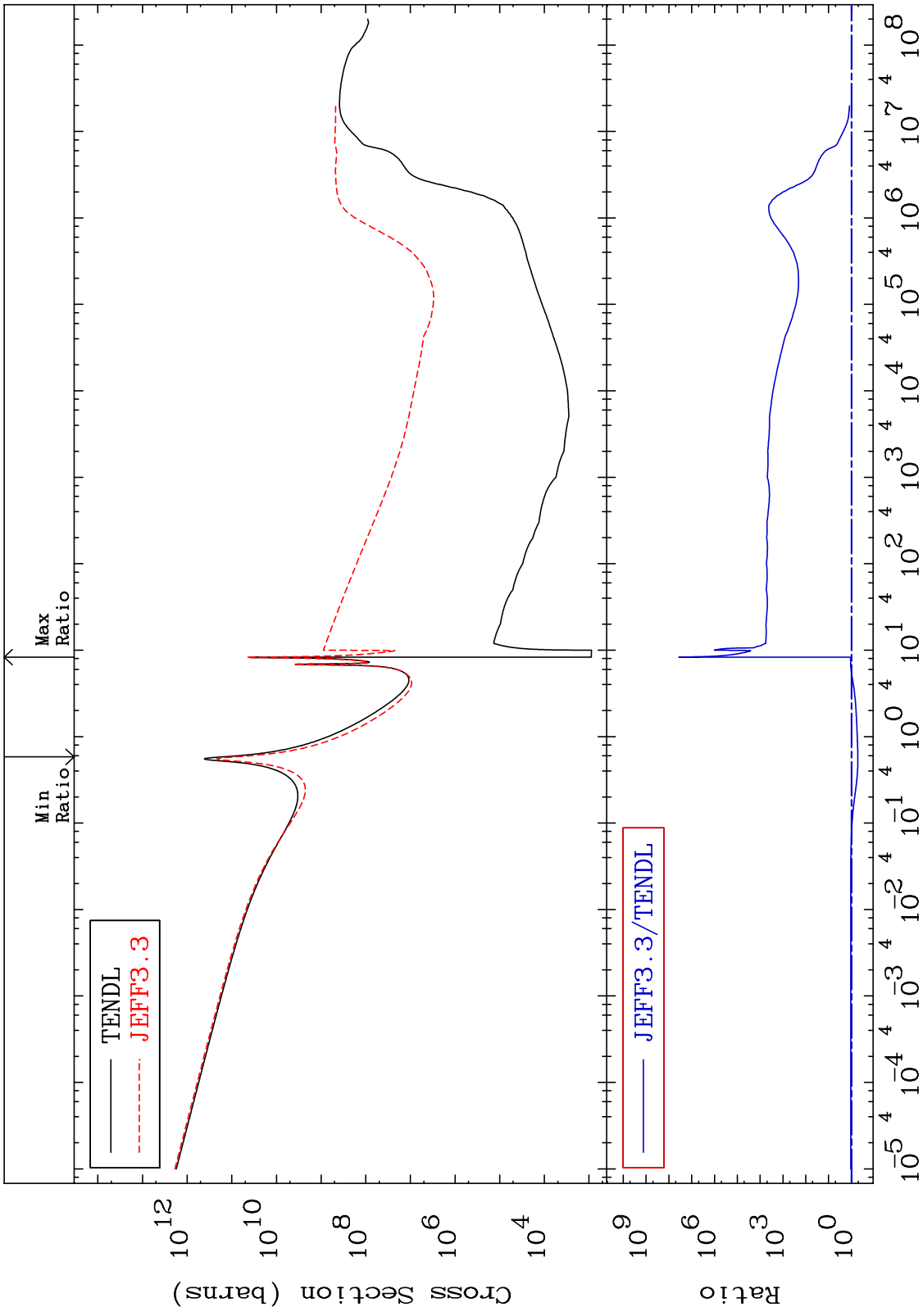
MAT 9855 Kerma capture (mt102) 98-Cf-250
 Cross Section -94.00 To 9502. %



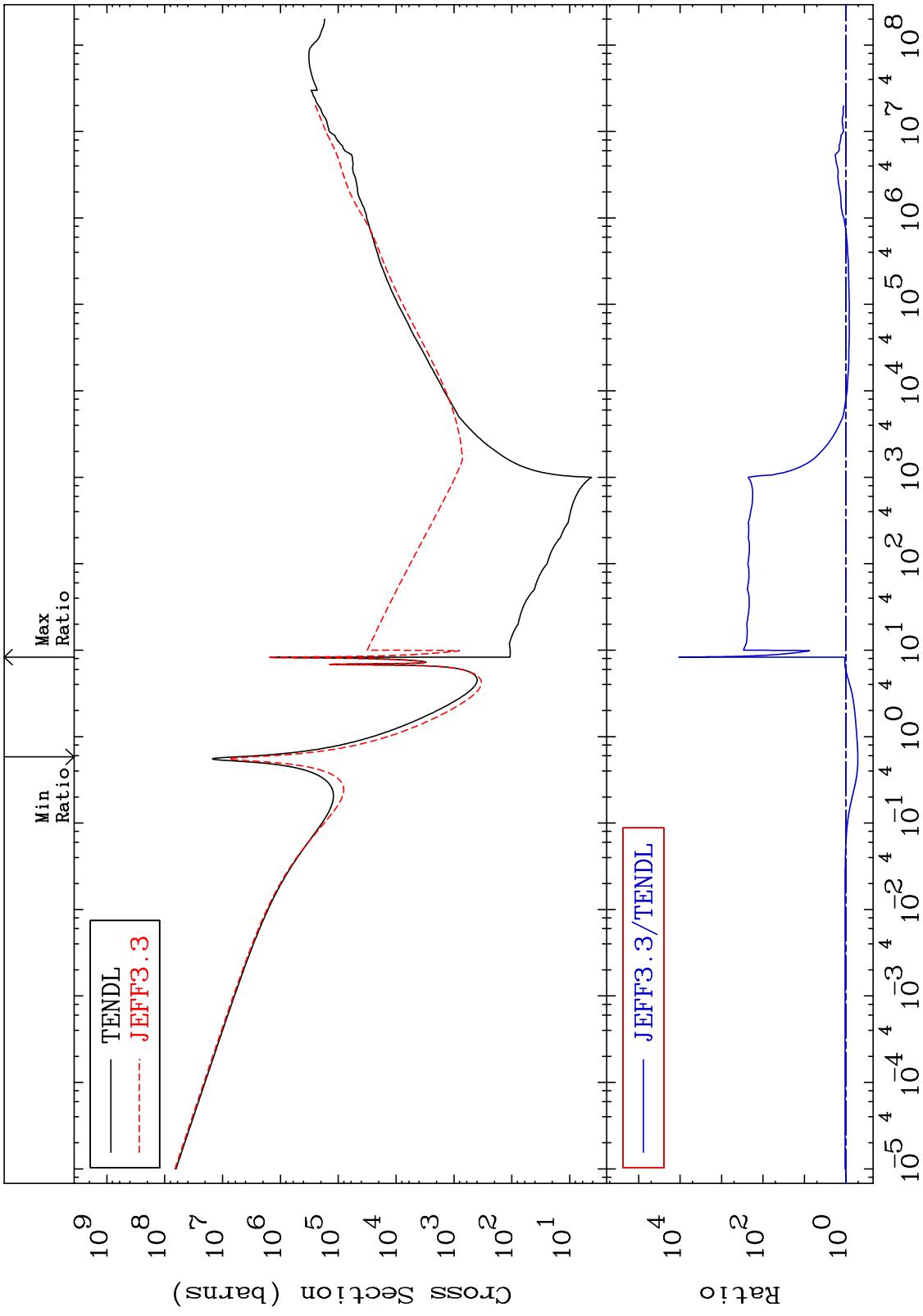
MAT 9855 98-Cf-250
-95.27 To 6757. %
 Total photon (eV-barns)
 Cross Section



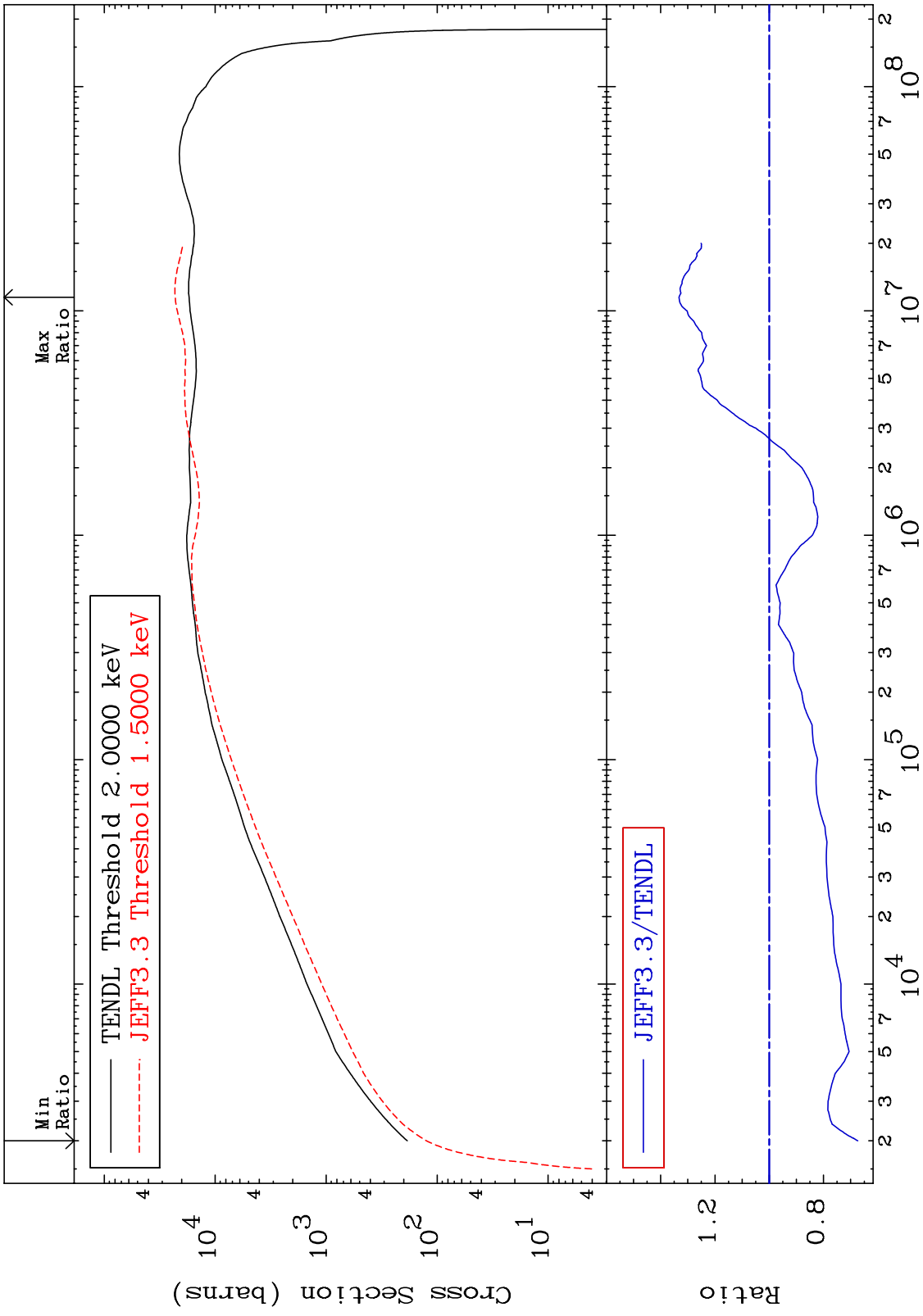
MAT 9855 Total kinematic kerma (high limit) 98-Cf-250
Cross Section -47.70 To 9999. %



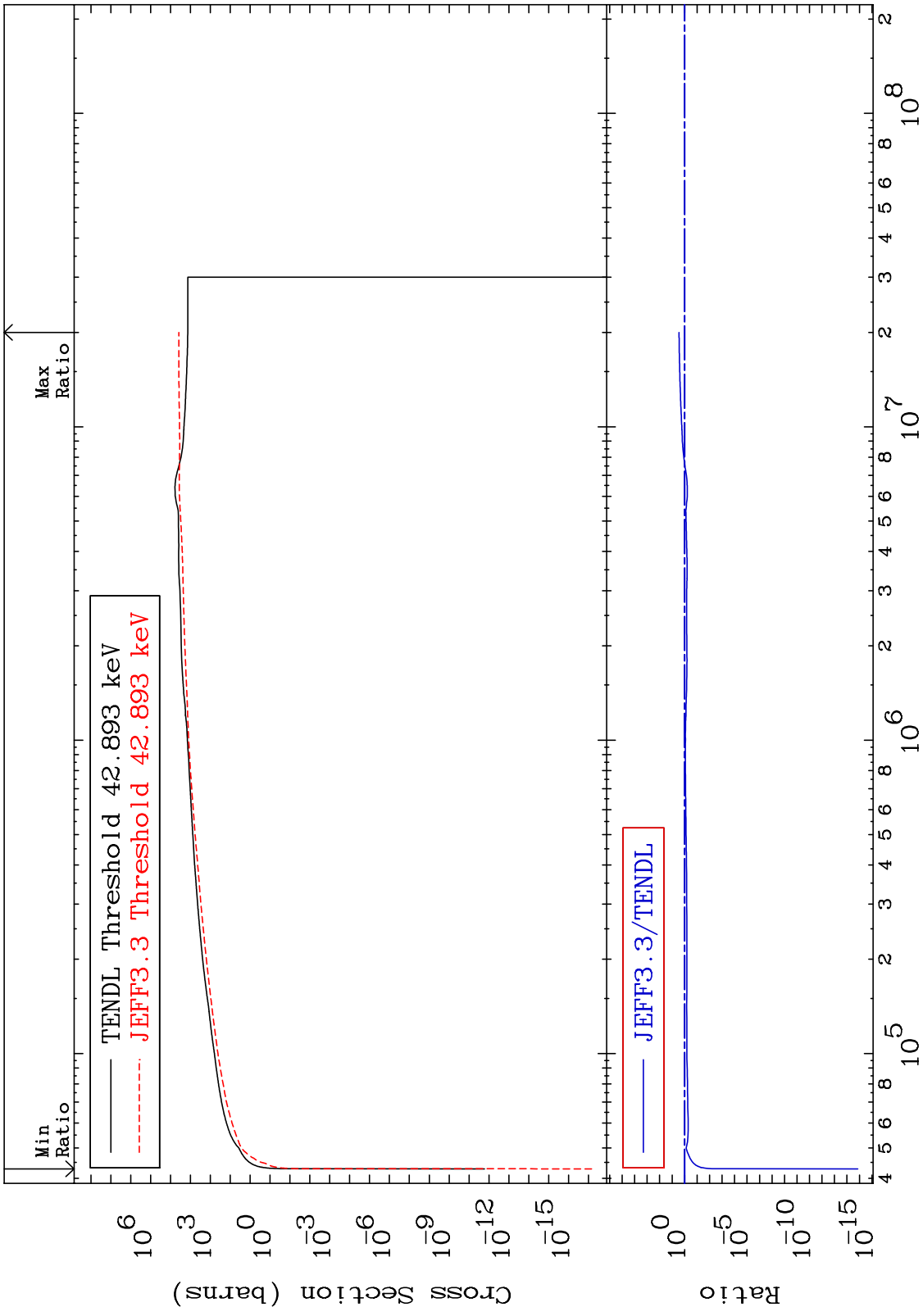
MAT 9855 Dpa total (eV-barns) 98-Cf-250
 -48.67 To 9999. %



MAT 9855 Dpa elastic (mt2) Cross Section 98-Cf-250
 -32.64 To 33.23 %



MAT 9855 Dpa inelastic (mt51-91) 98-Cf-250
 Cross Section -100.0 To 178.3 %



MAT 9855 Dpa disappearance (mt102 -120) 98-Cf-250
 Cross Section -100.0 To 9999. %

