

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

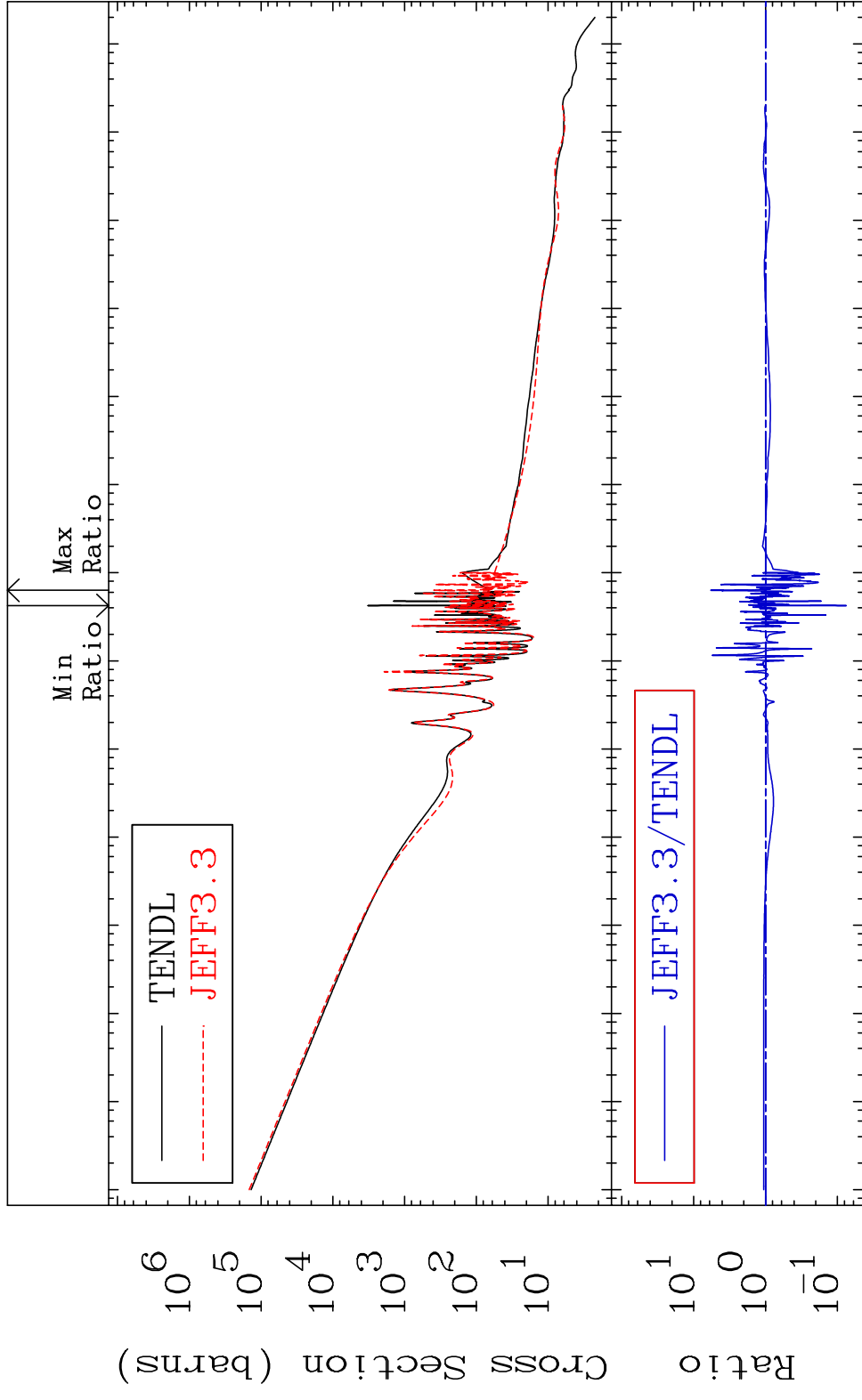
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9640

Total Cross Section -92.48 To 478.0 %

96-Cm-245



1

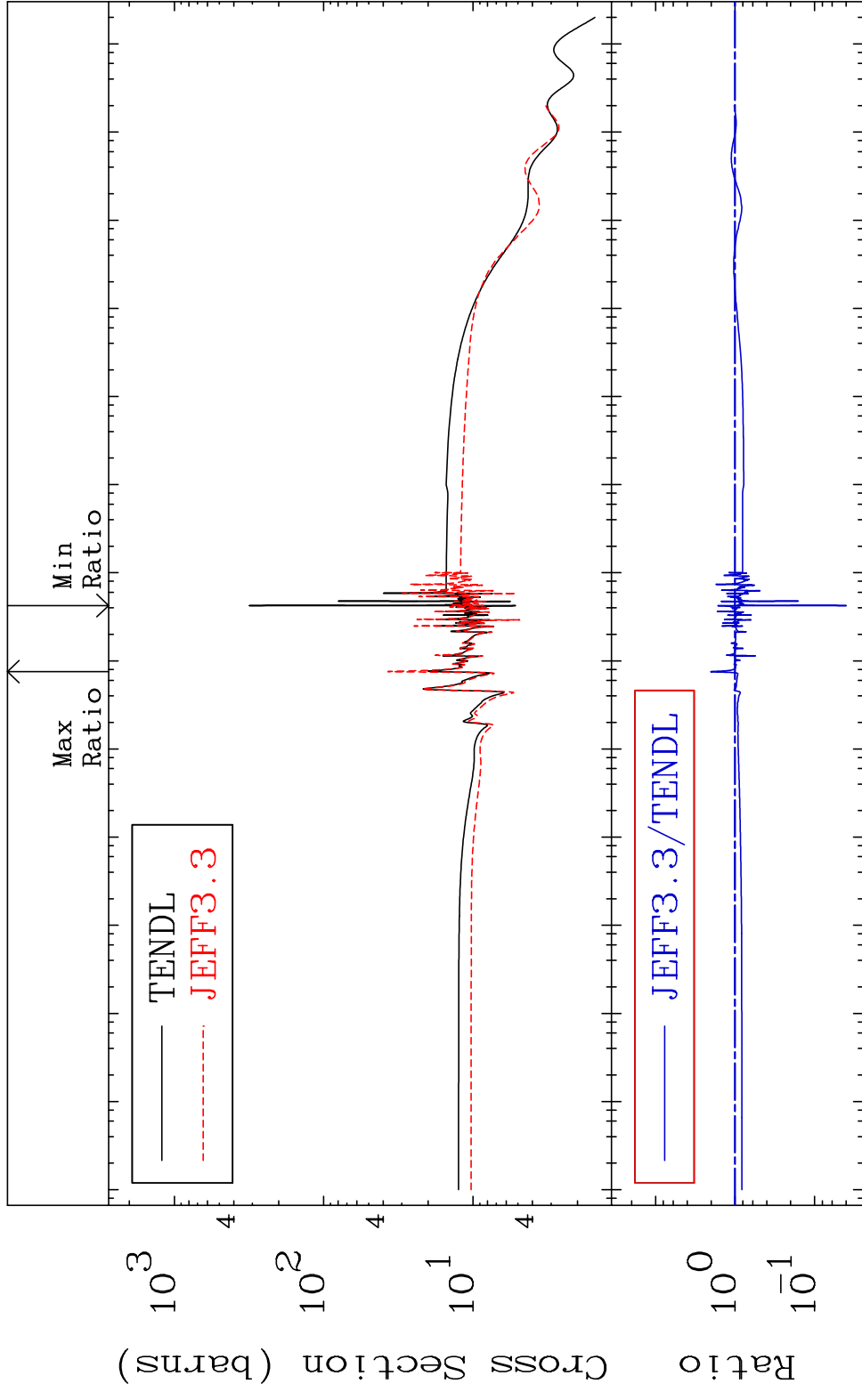
Incident Energy (eV)

96-Cm-245

MAT 9640

Elastic Cross Section -96.01 To 102.5 %

96-Cm-245

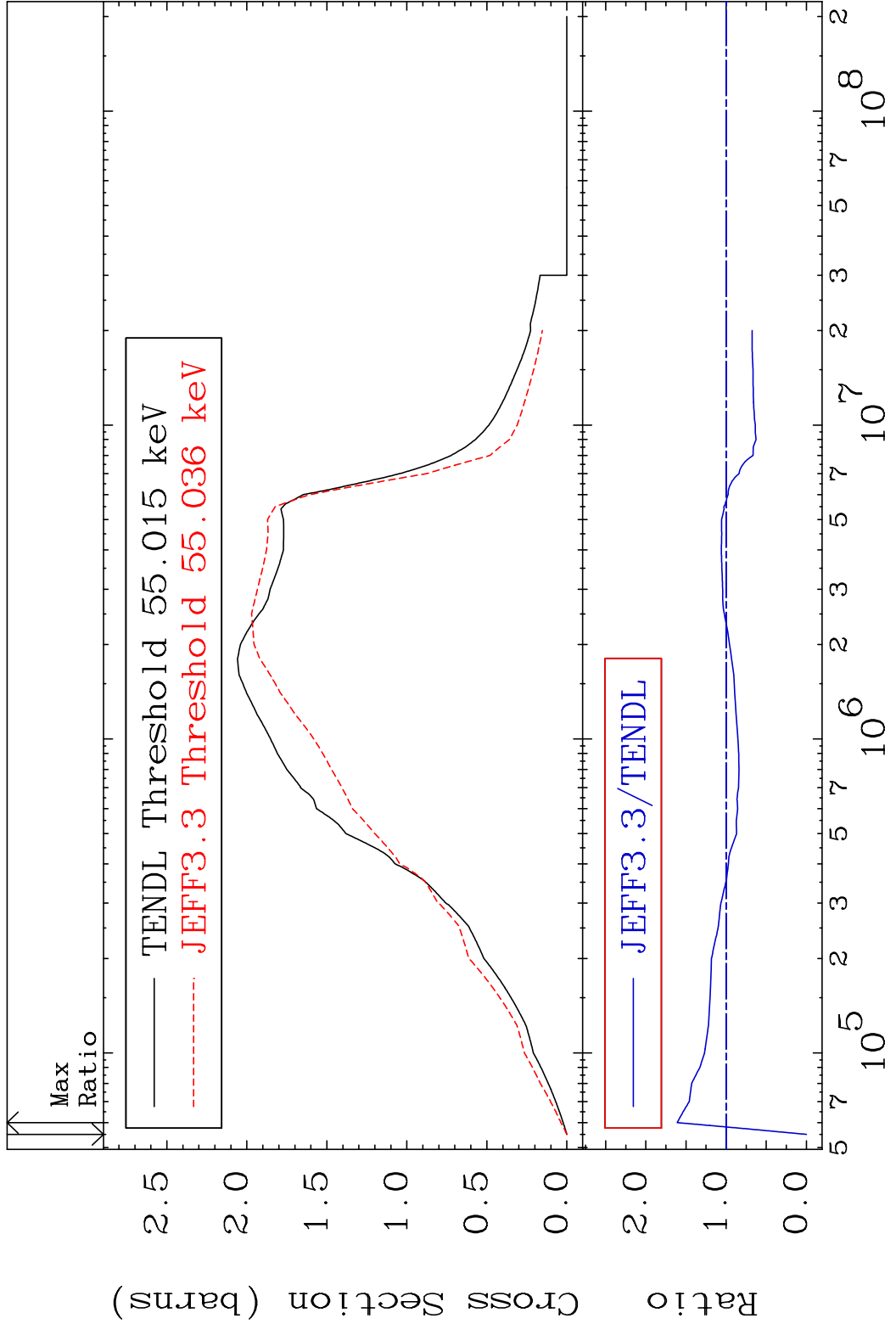


2

Incident Energy (eV)

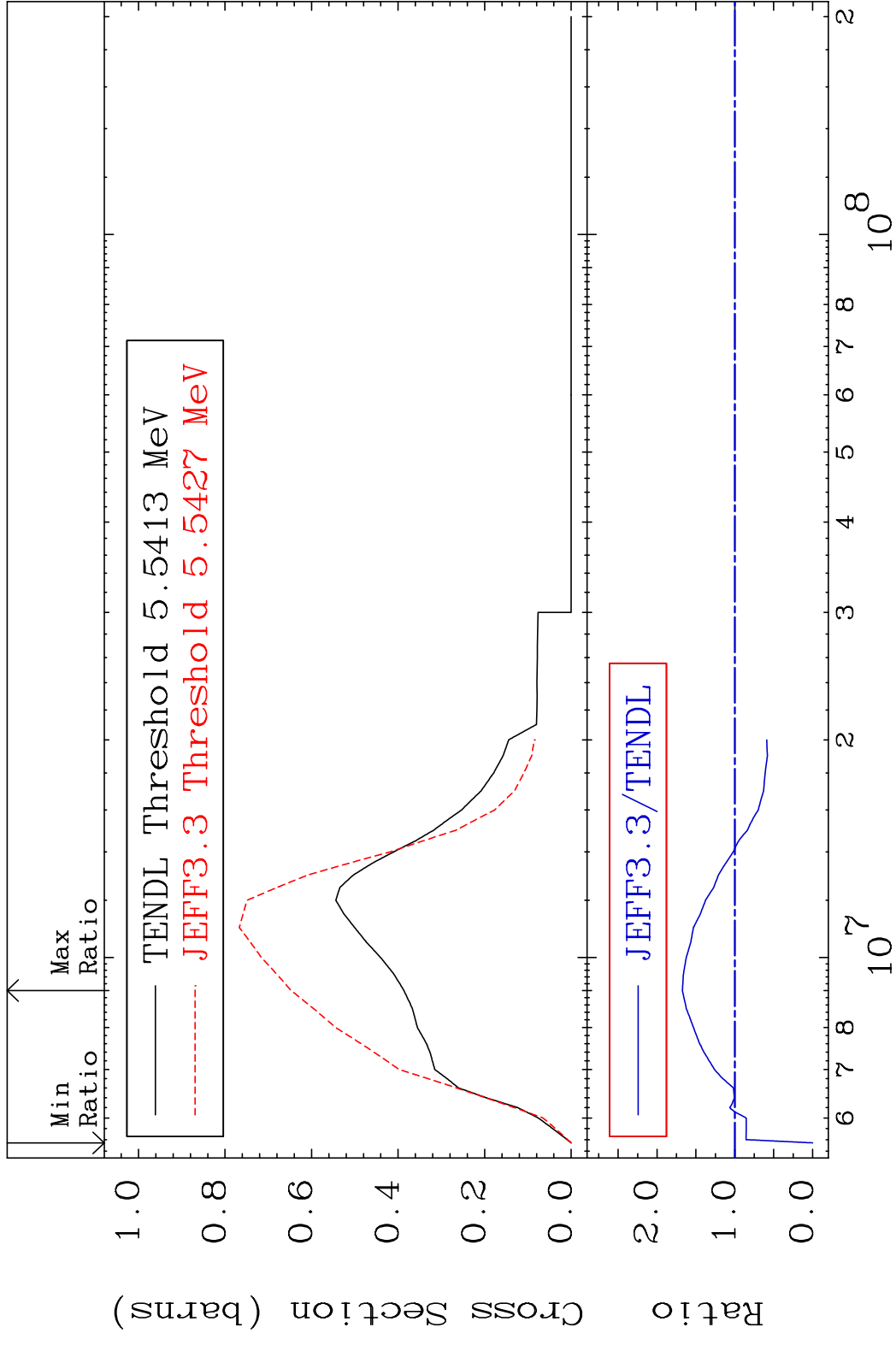
96-Cm-245

MAT 9640 Inelastic 96-Cm-245
 Cross Section -100.0 To 60.97 %



3 Incident Energy (eV) 96-Cm-245

MAT 9640 (n,2n) 96-Cm-245
 Cross Section -100.0 To 67.45 %



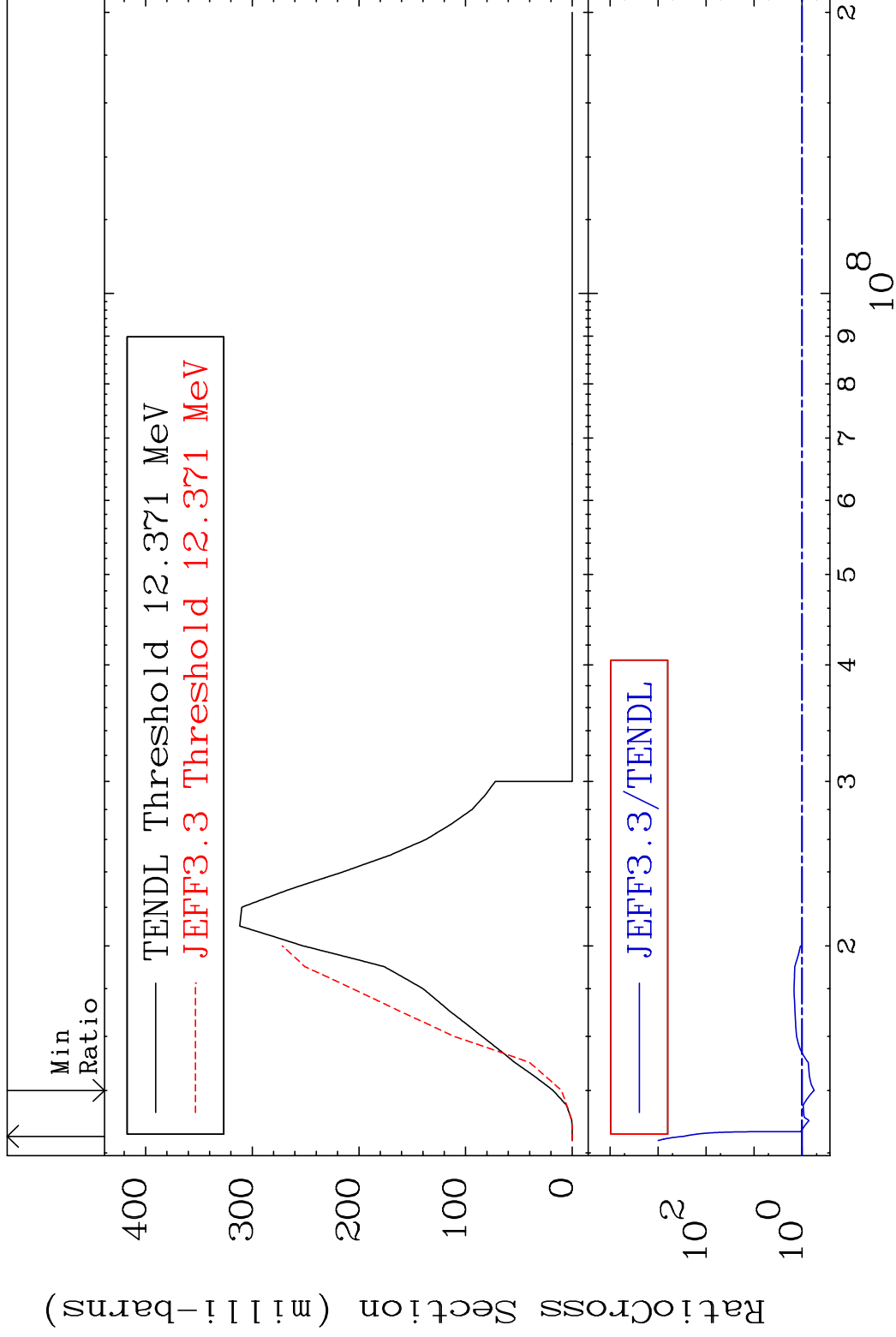
4 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 96-Cm-245

MAT 9640

(n,3n)

96-Cm-245

Cross Section -43.67 To 9999. %



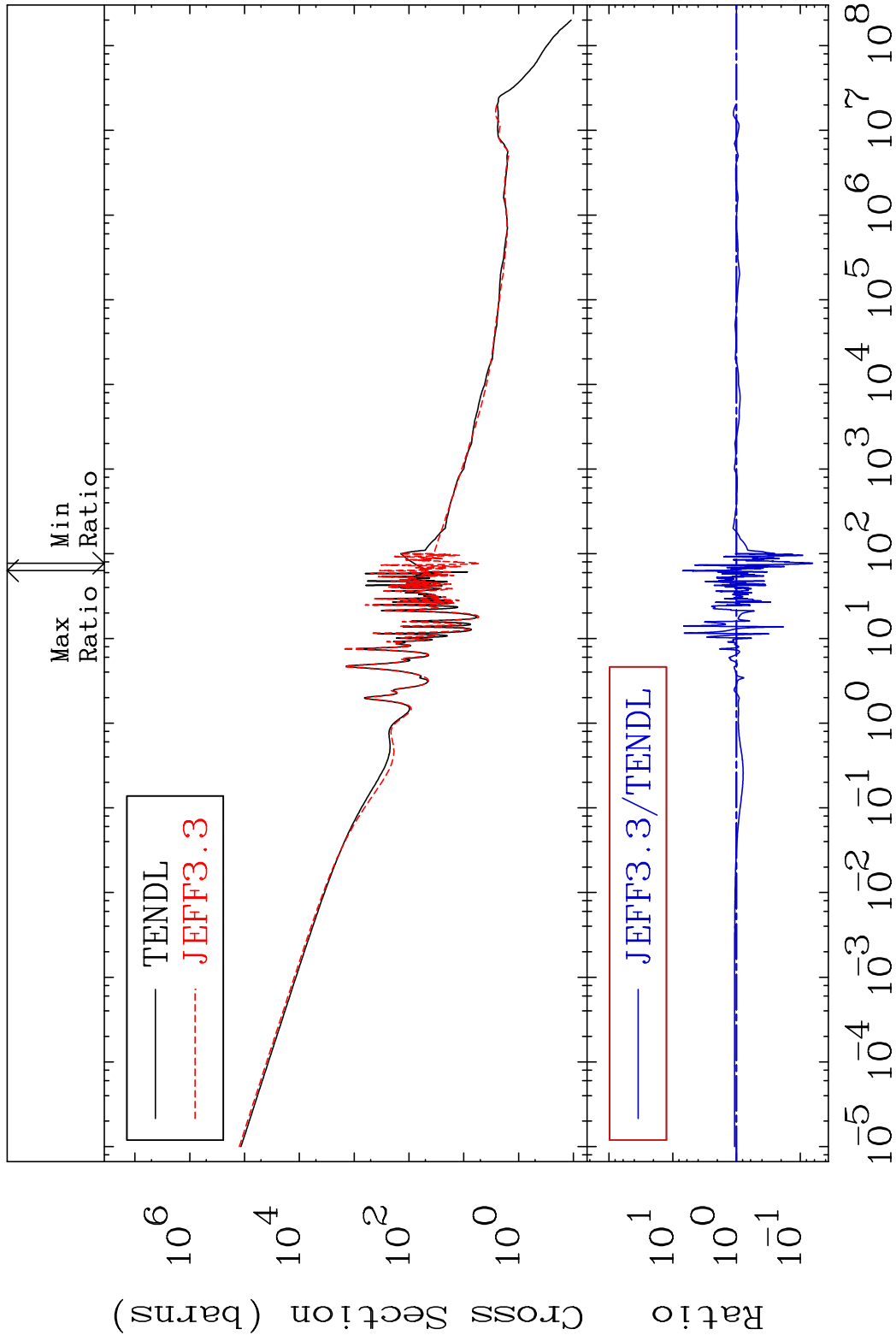
5

Incident Energy (eV)

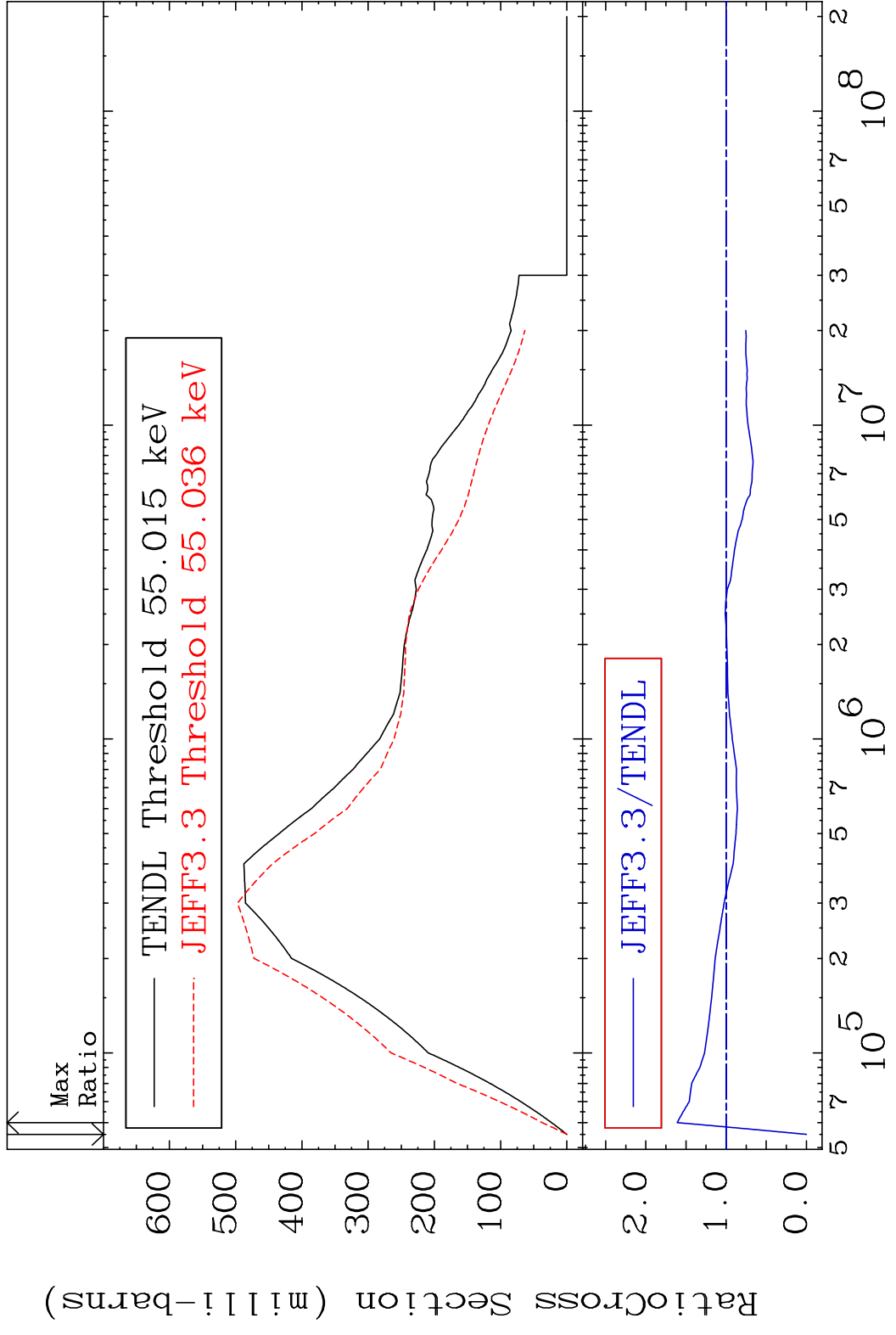
96-Cm-245

MAT 9640

Fission Cross Section 96-Cm-245
-93.58 To 606.6 %

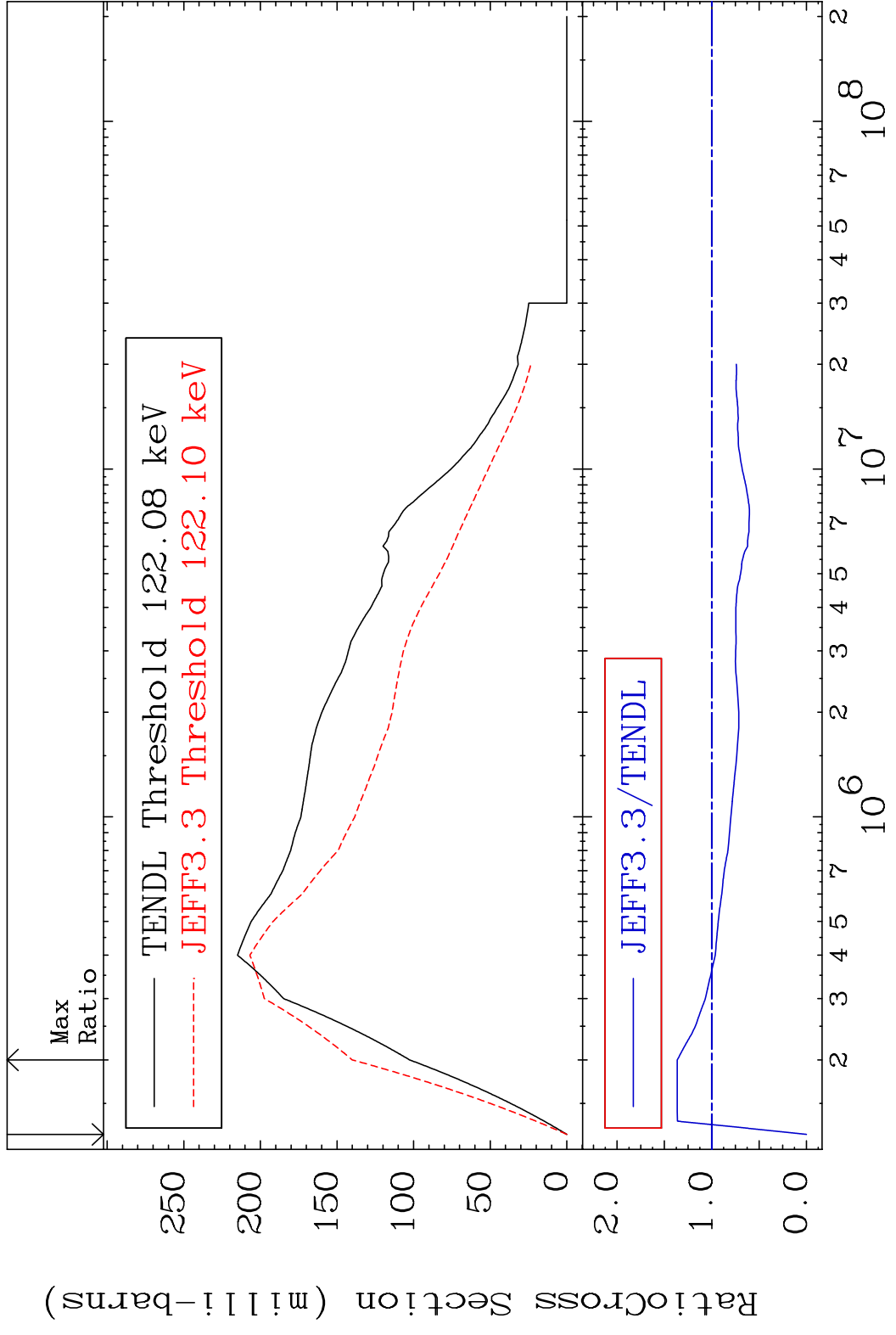


MAT 9640 MT= 51 (n, n') Level 96-Cm-245
 Cross Section -100.0 To 60.97 %

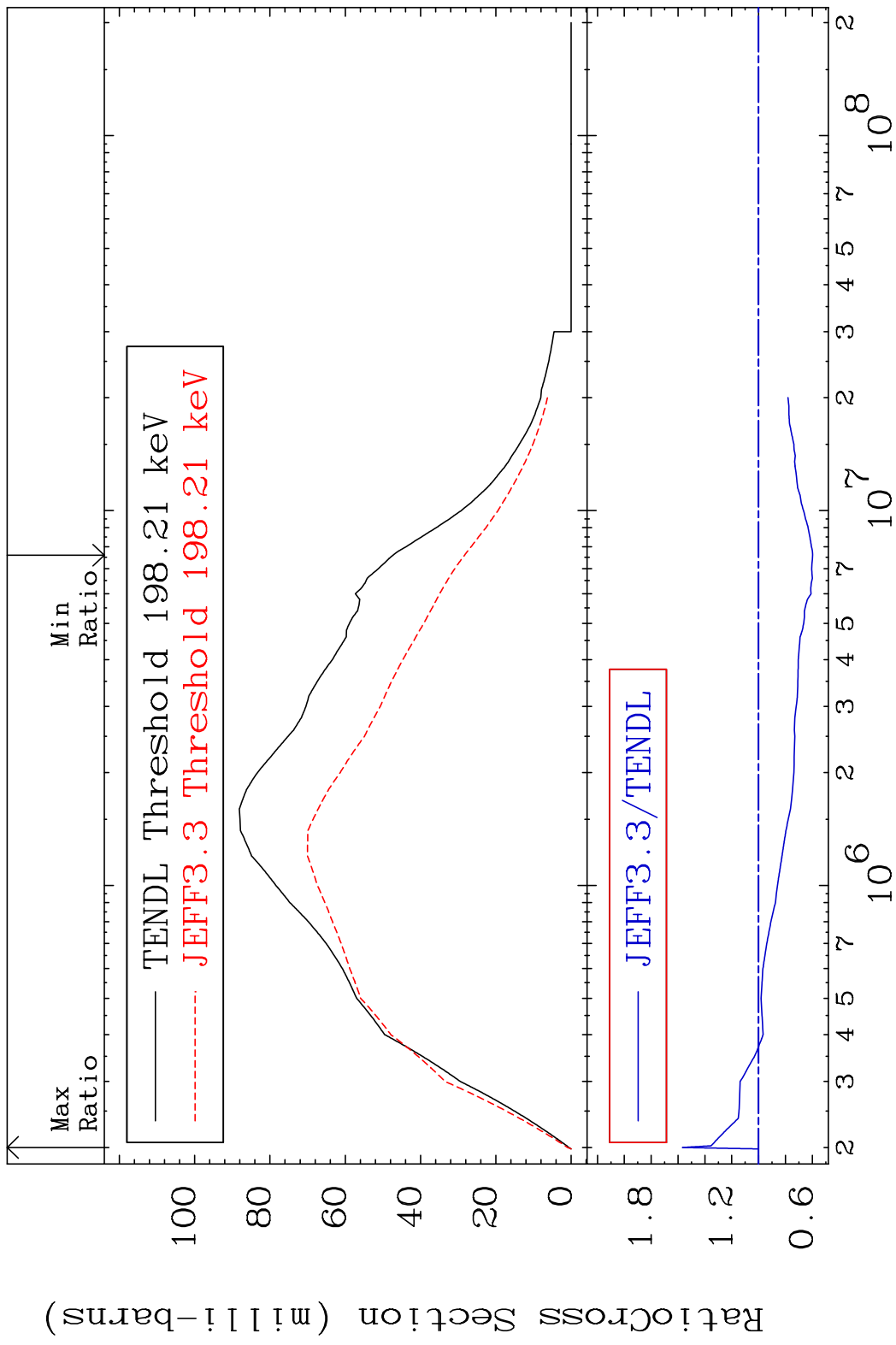


7 96-Cm-245

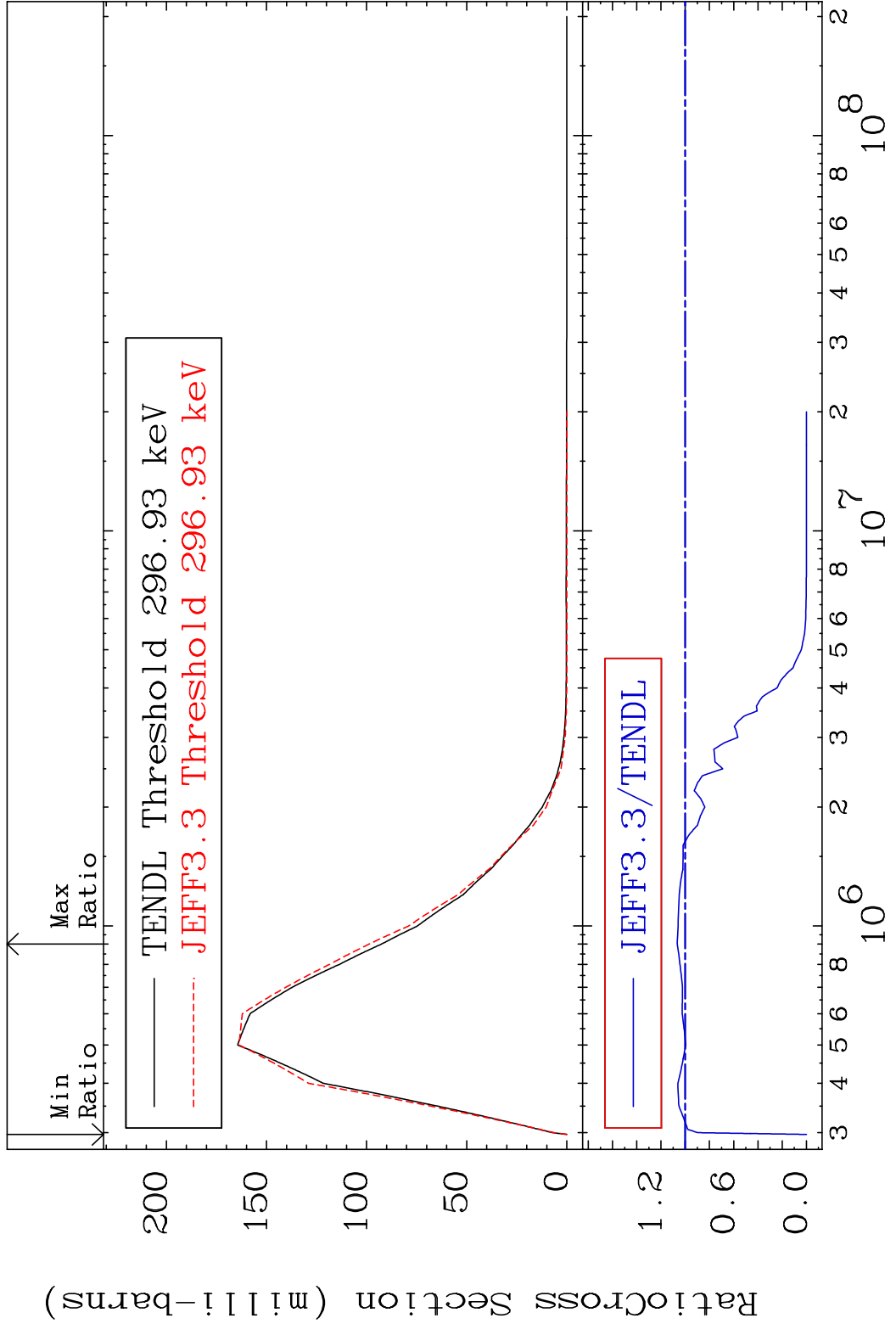
MAT 9640 MT= 52 (n, n') Level 96-Cm-245
 Cross Section -100.0 To 36.50 %



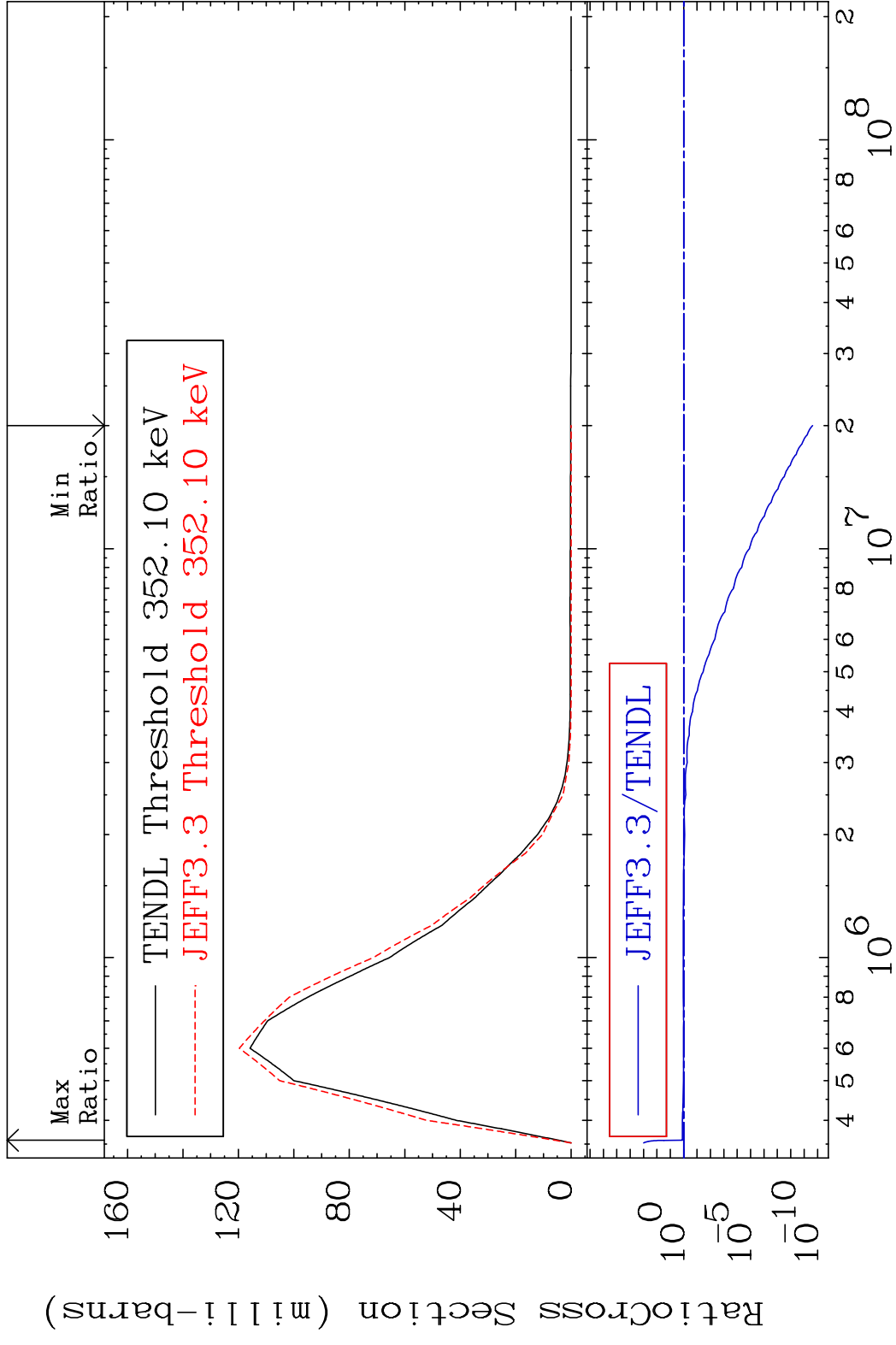
MAT 9640 MT= 53 (n, n') Level 96-Cm-245
 Cross Section -40.19 To 56.79 %



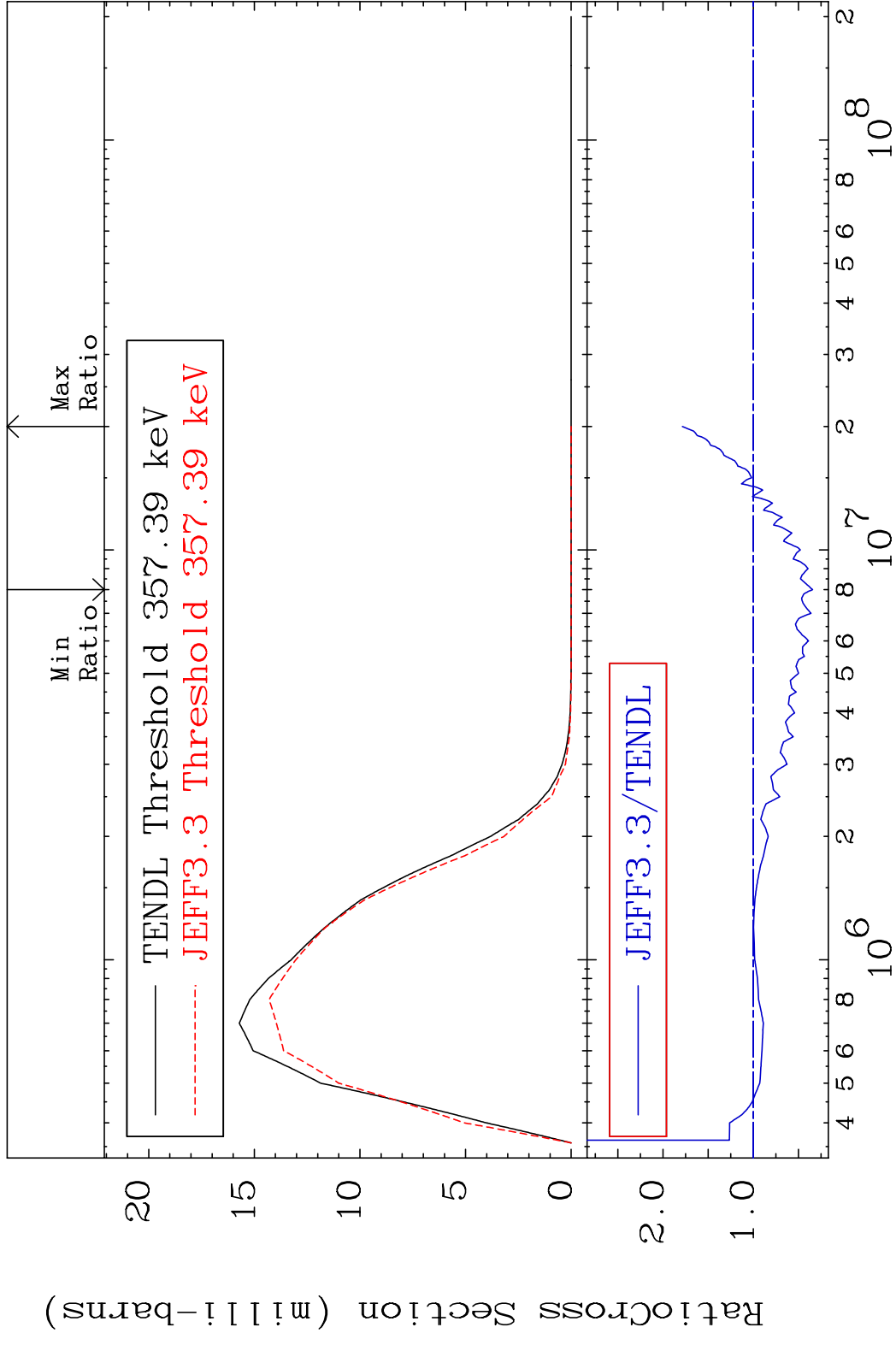
MAT 9640 MT= 55 (n,n') Level 96-Cm-245
 Cross Section -100.0 To 6.626 %



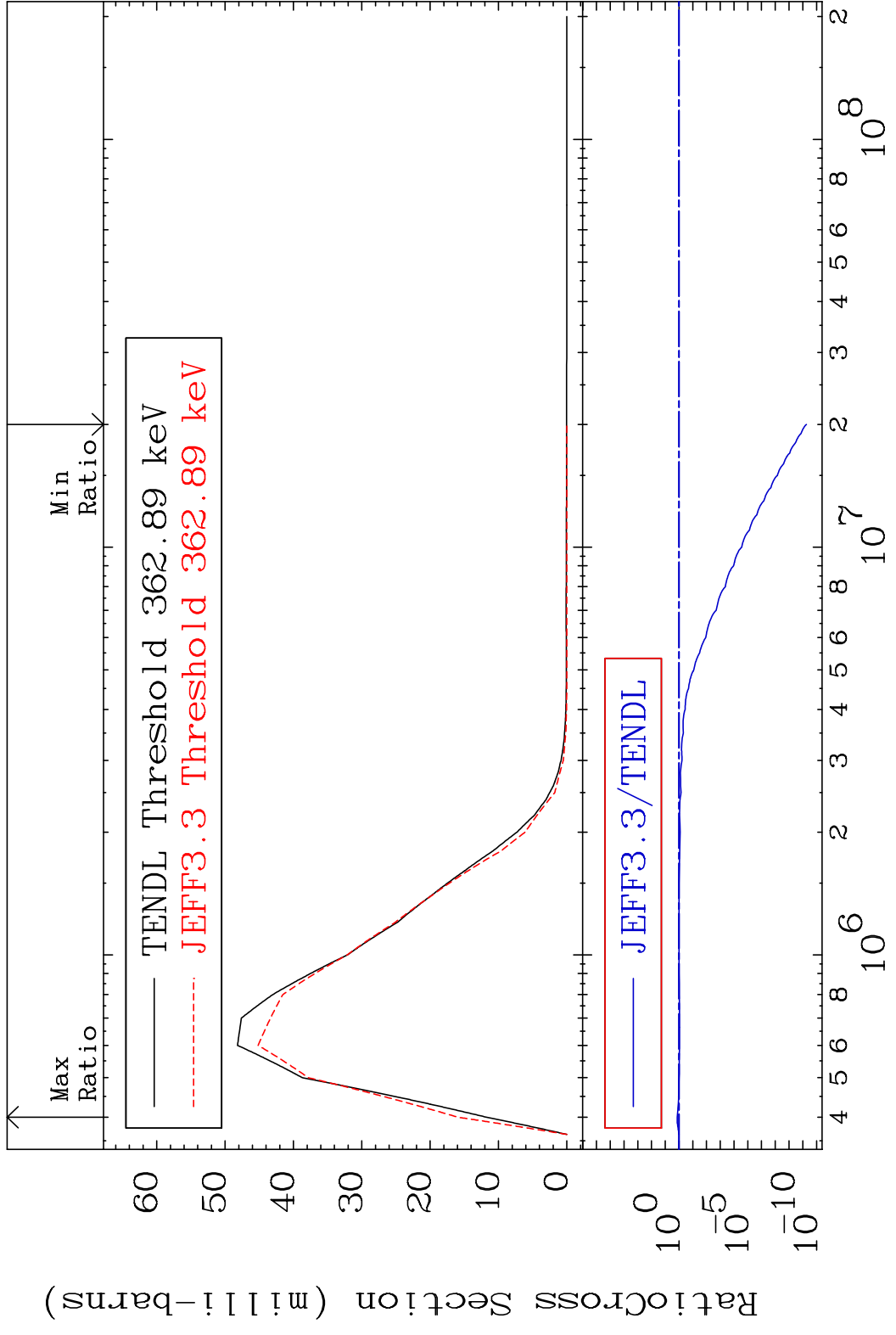
MAT 9640 MT= 56 (n,n') Level 96-Cm-245
 Cross Section -100.0 To 26.34 %



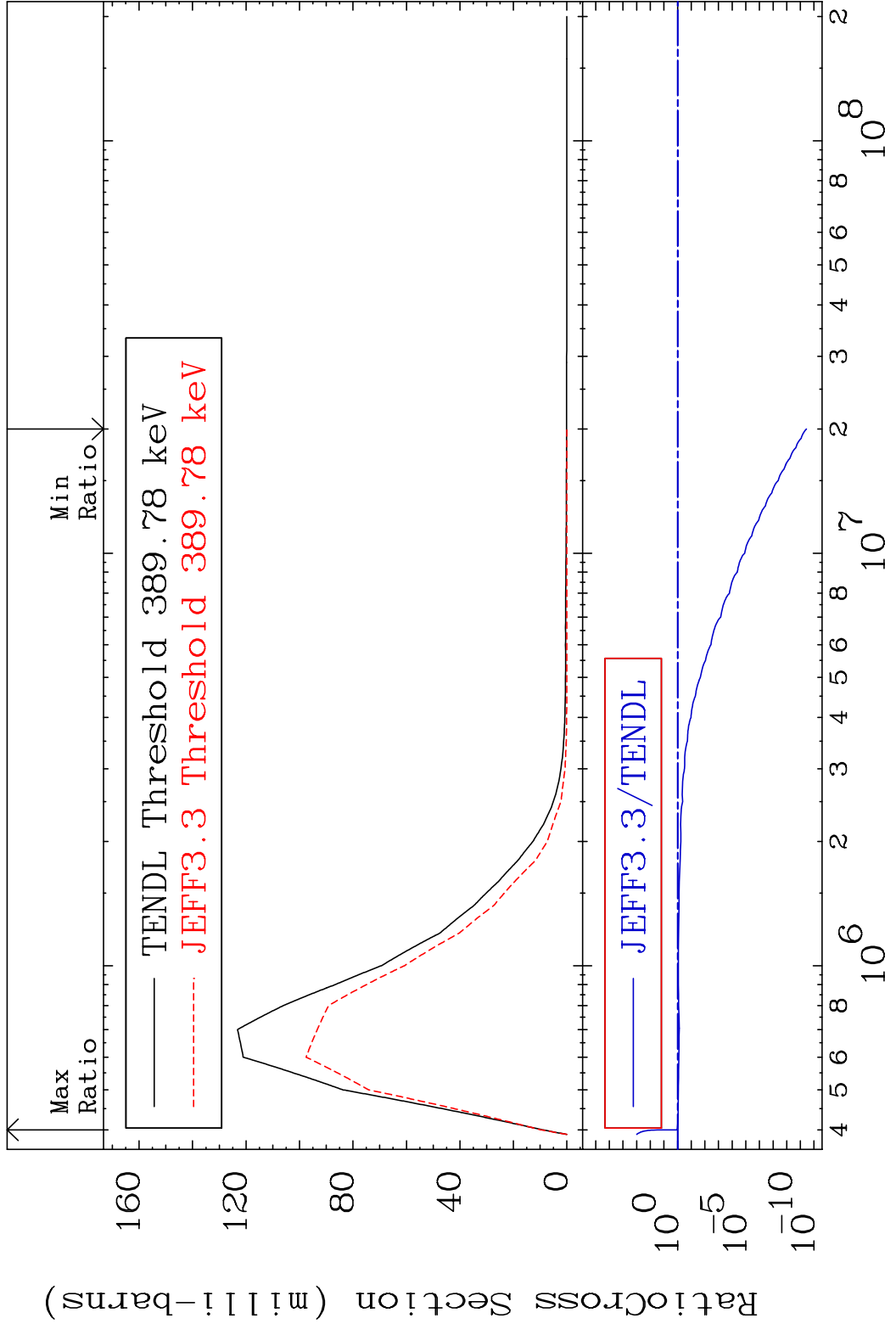
MAT 9640 MT= 57 (n, n') Level 96-Cm-245
 Cross Section -65.70 To 78.52 %



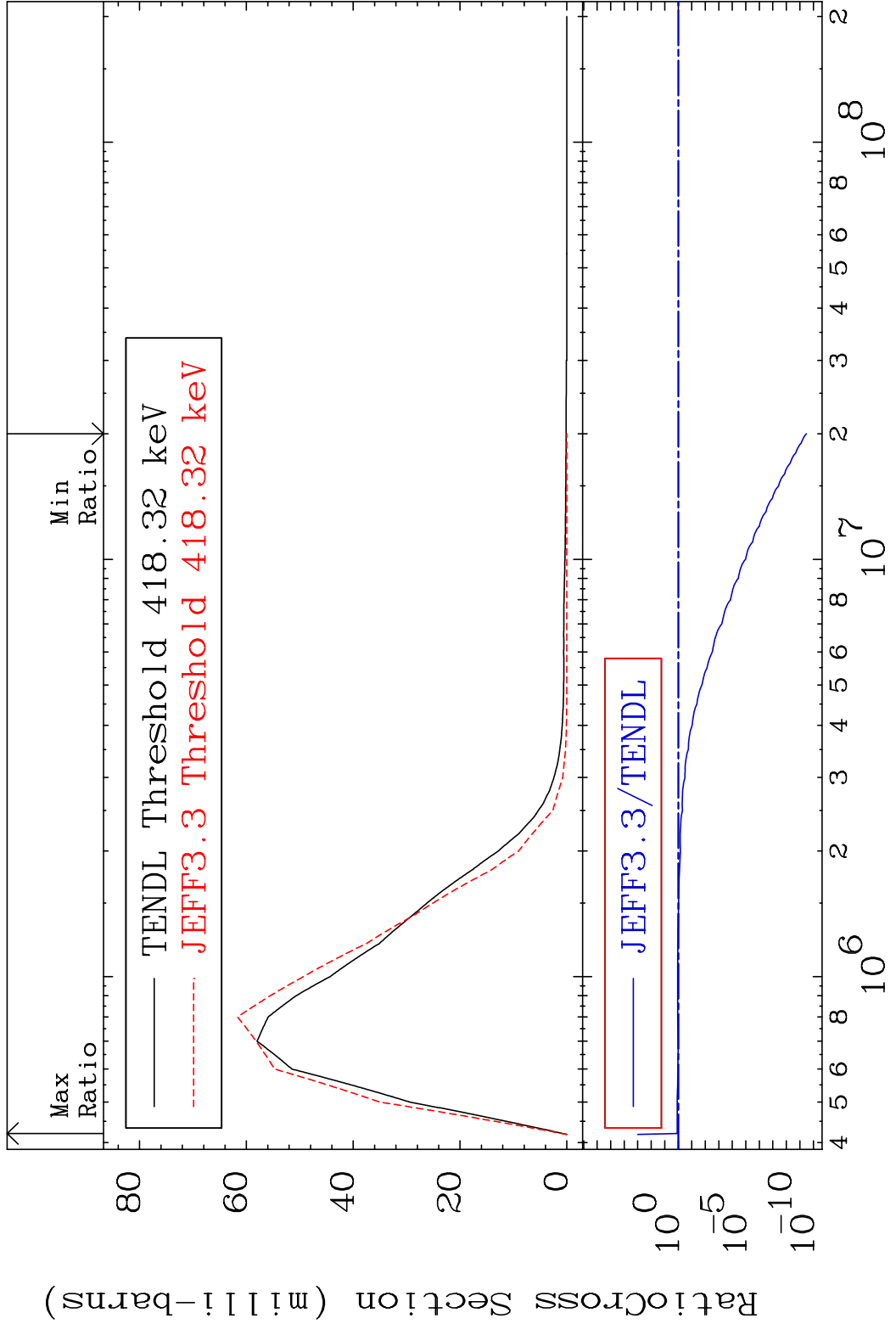
MAT 9640 MT= 58 (n, n') Level 96-Cm-245
 Cross Section -100.0 To 35.67 %



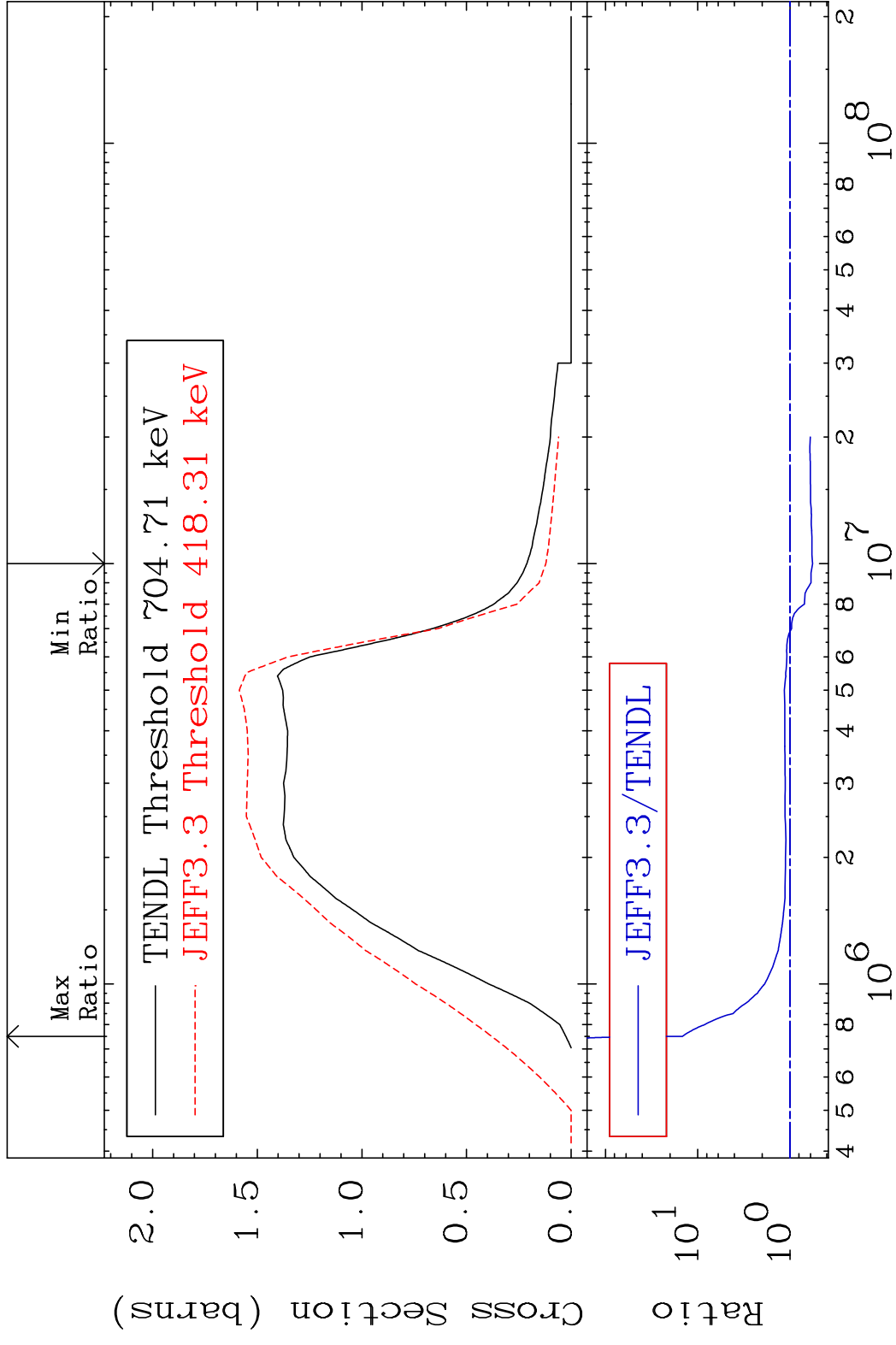
MAT 9640 MT= 59 (n, n') Level 96-Cm-245
 Cross Section -100.0 To 7.063 %



MAT 9640 MT= 60 (n, n') Level 96-Cm-245
 Cross Section -100.0 To 19.70 %



MAT 9640 (n,n') Continuum 96-Cm-245
 Cross Section -42.99 To 1370. %

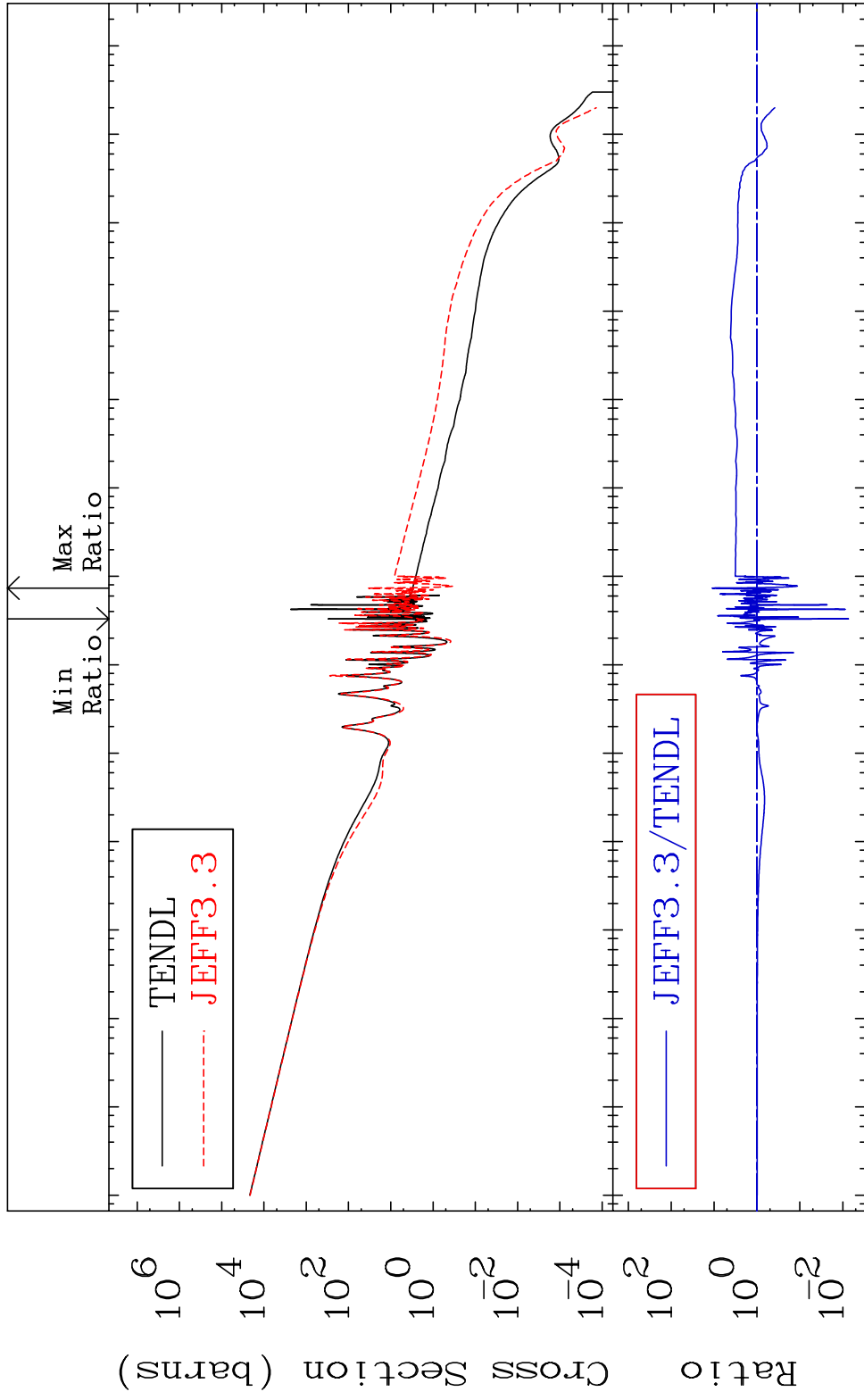


MAT 9640

(n, γ)

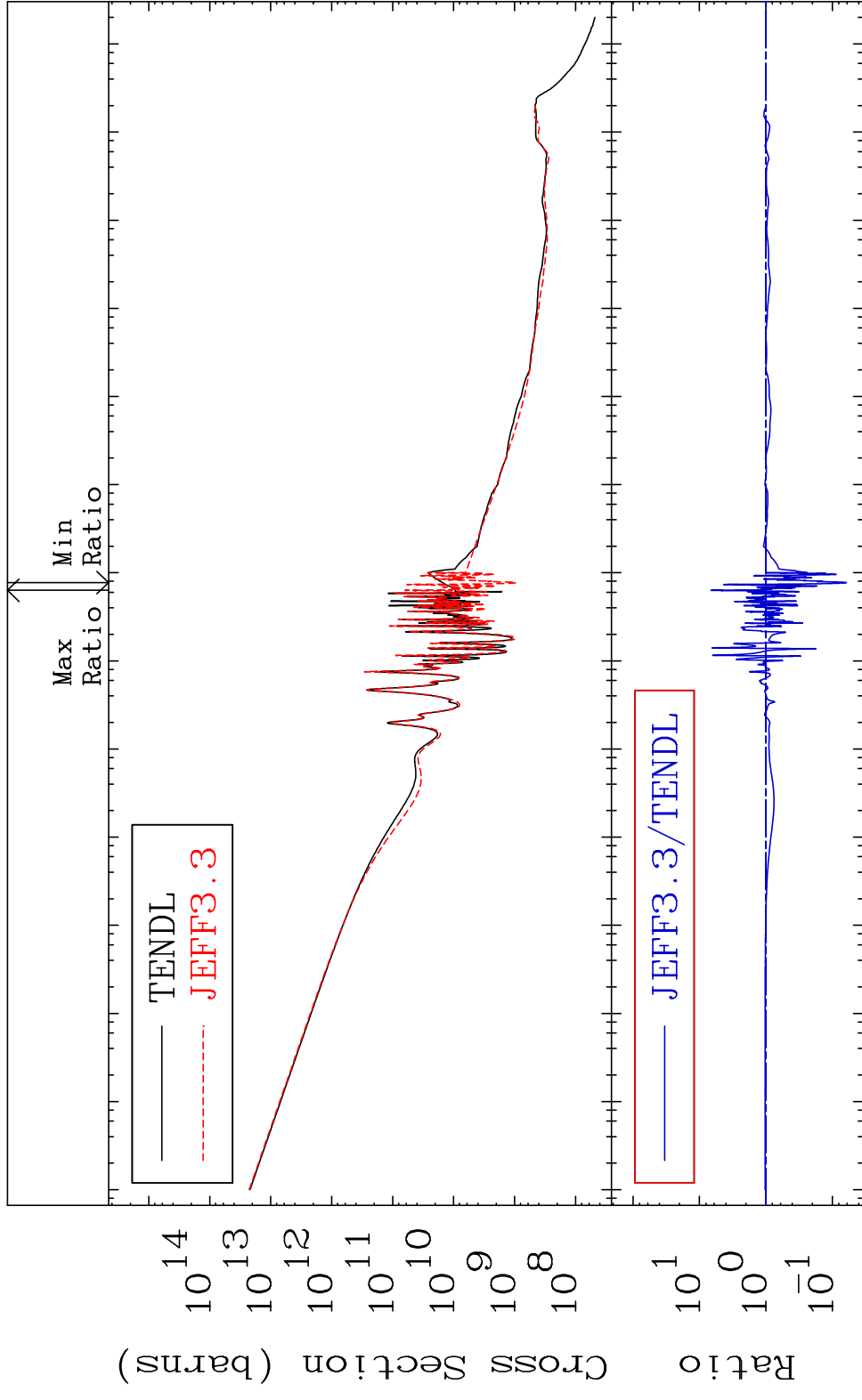
96-Cm-245

Cross Section -99.26 To 999.0 %



MAT 9640

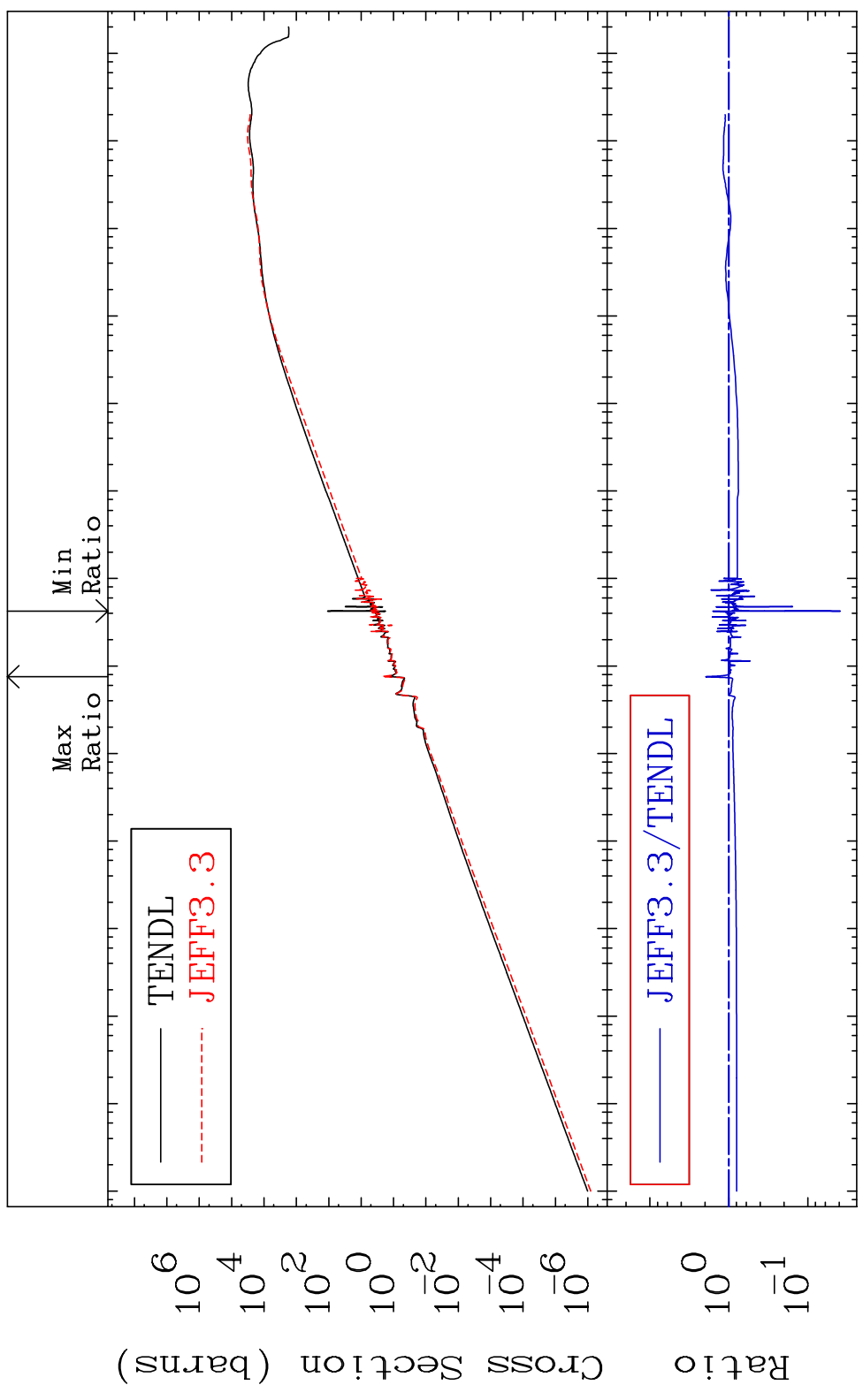
Kerma total (eV-barns) 96-Cm-245
Cross Section -93.85 To 576.6 %



MAT 9640

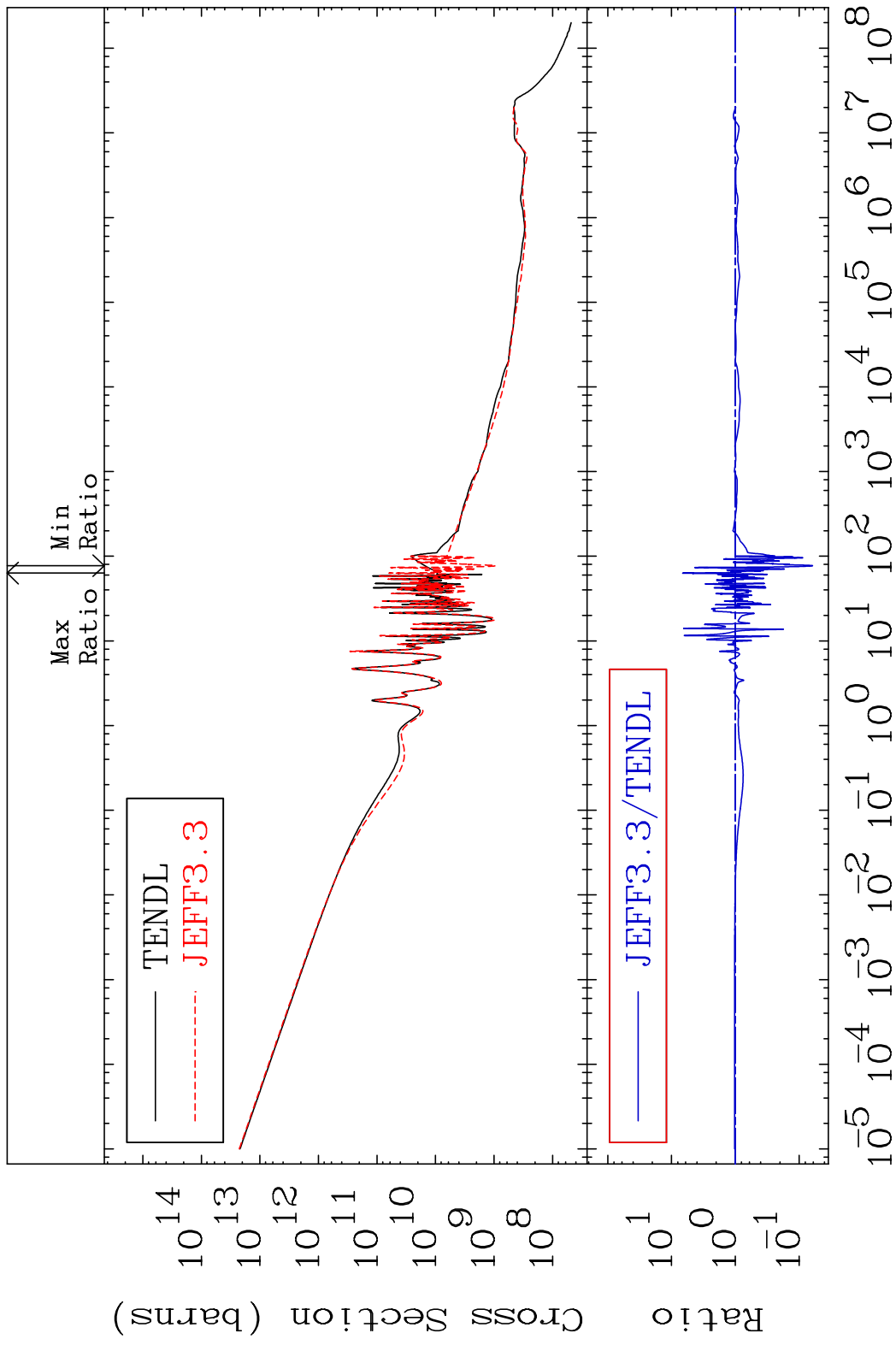
Kerma elastic Cross Section -96.13 To 96.27 %

96-Cm-245

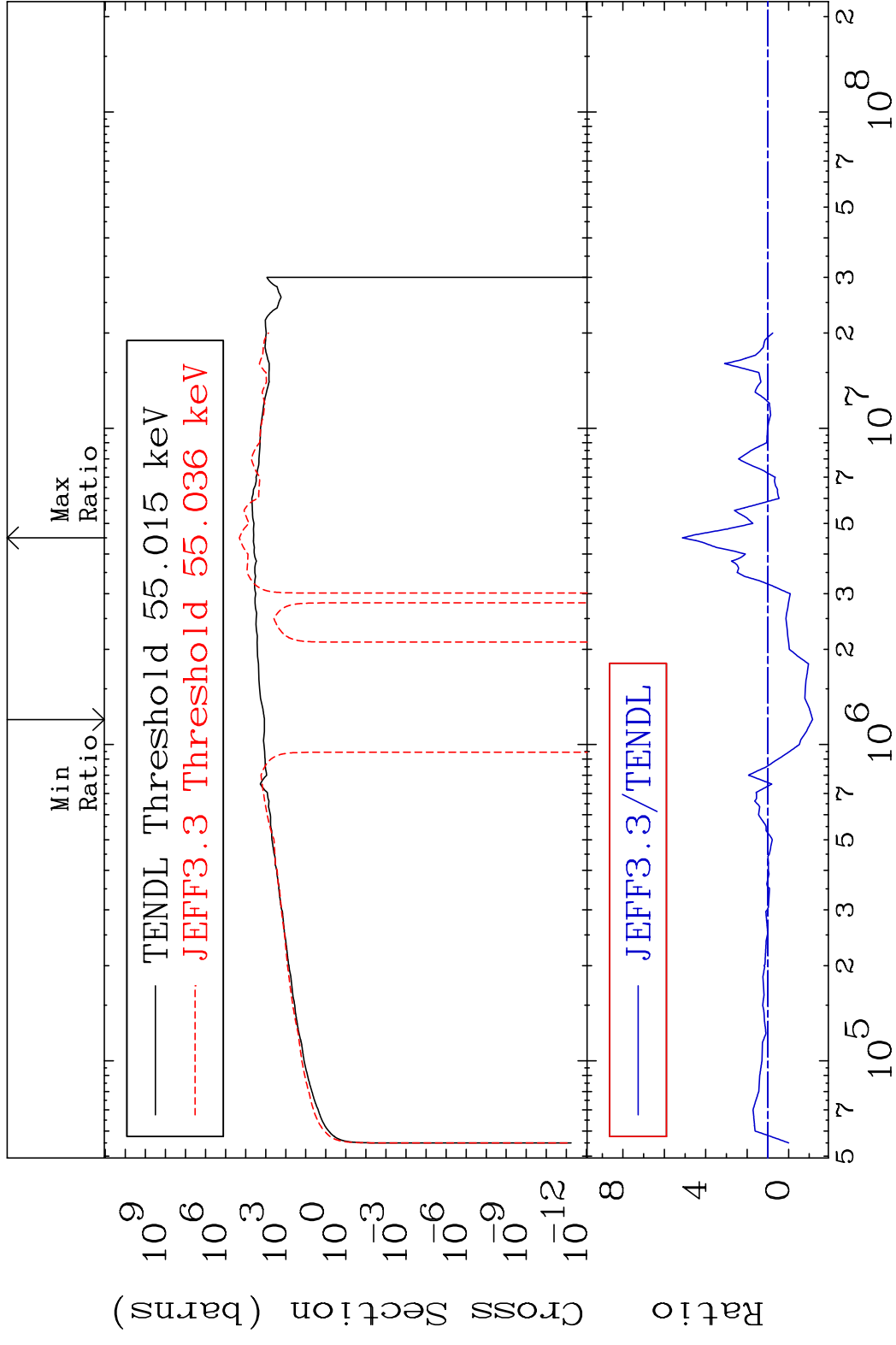


20

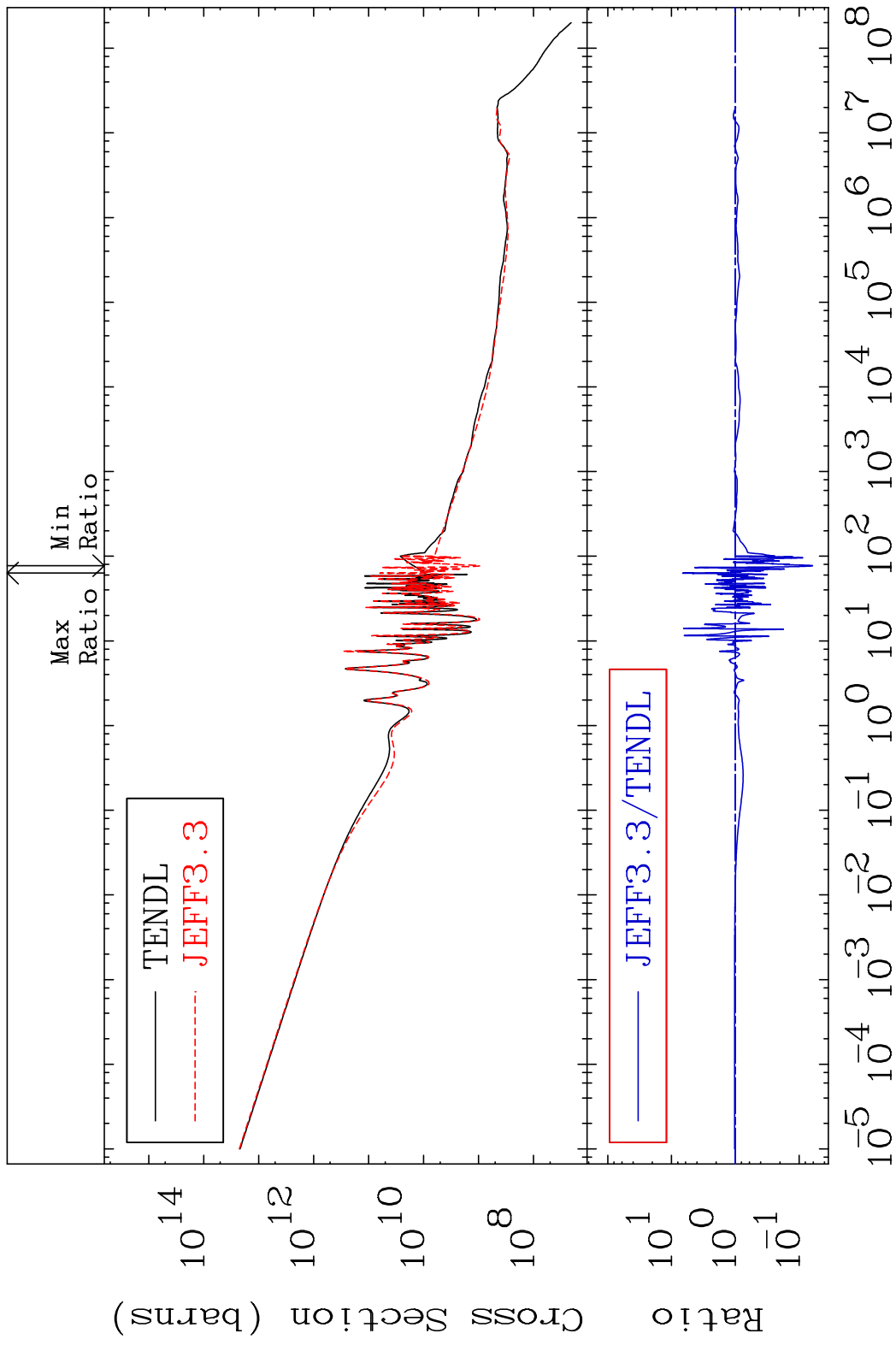
MAT 9640 Kerma non-elastic (all but mt2) 96-Cm-245
 Cross Section -93.85 To 576.6 %



MAT 9640 Kerma inelastic (mt51-91) 96-Cm-245
 Cross Section -216.0 To 413.0 %

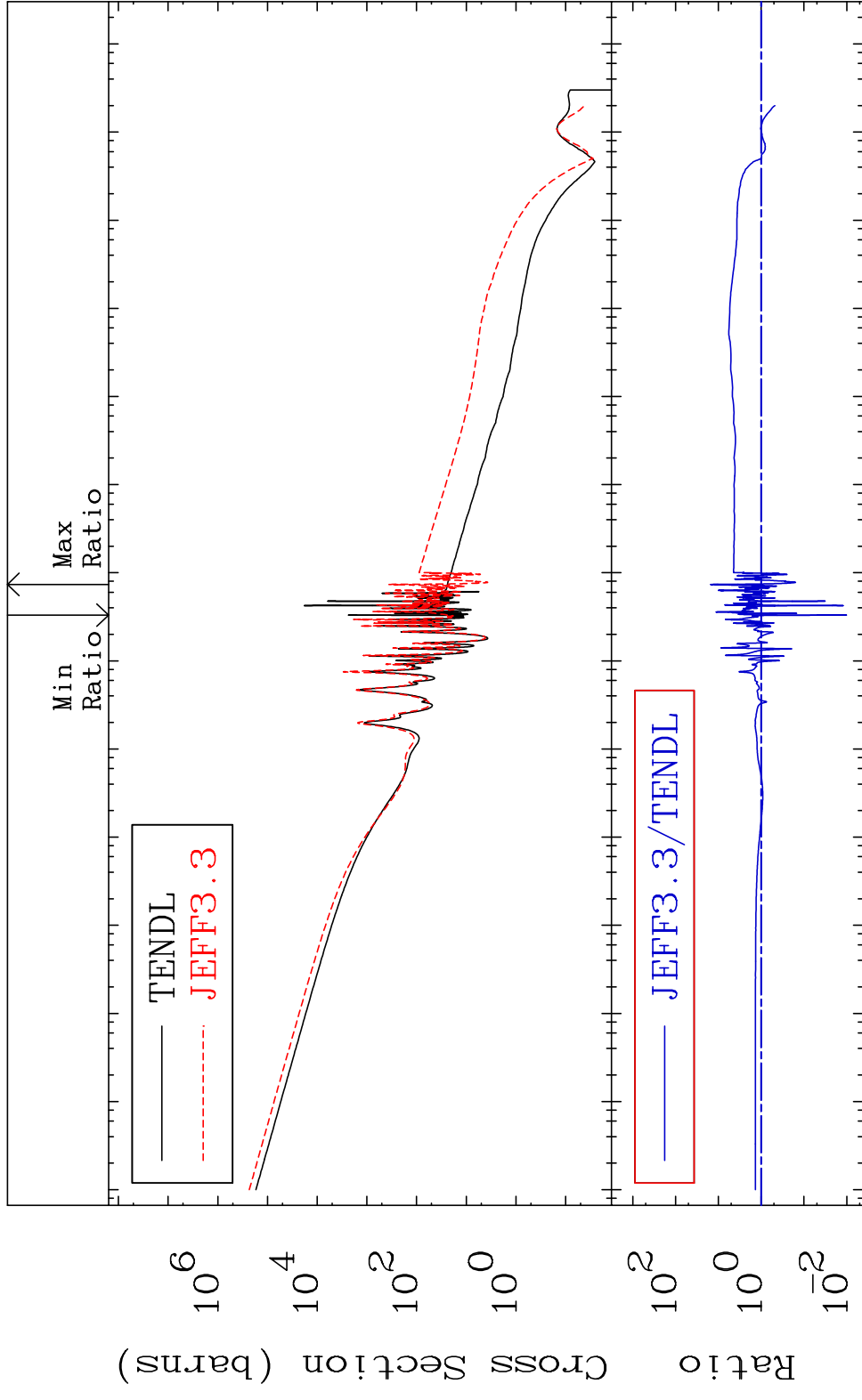


MAT 9640 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-245
 Cross Section -93.85 To 576.6 %



MAT 9640

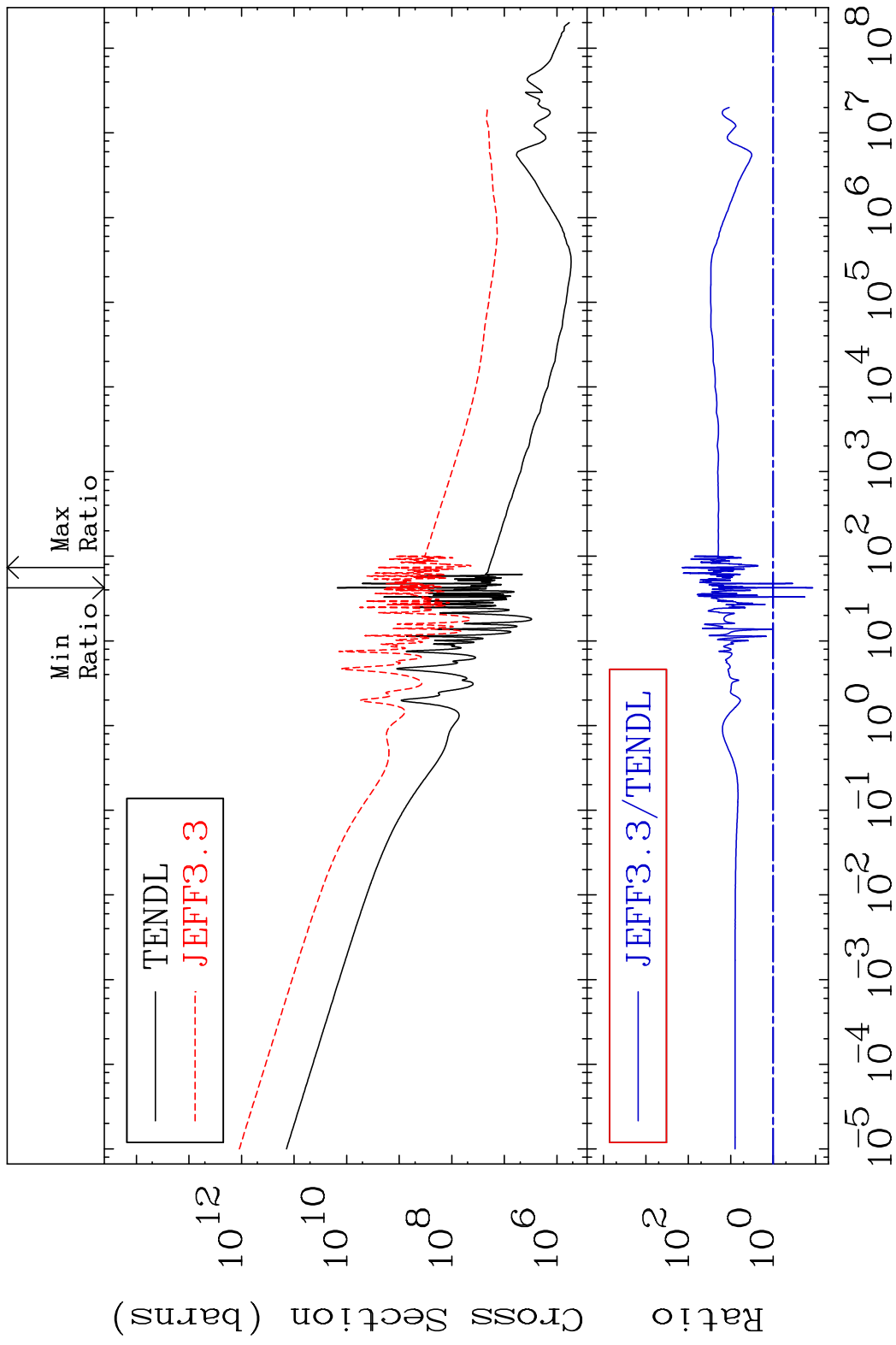
Kerma capture (mt102) 96-Cm-245
Cross Section -98.98 To 1410. %



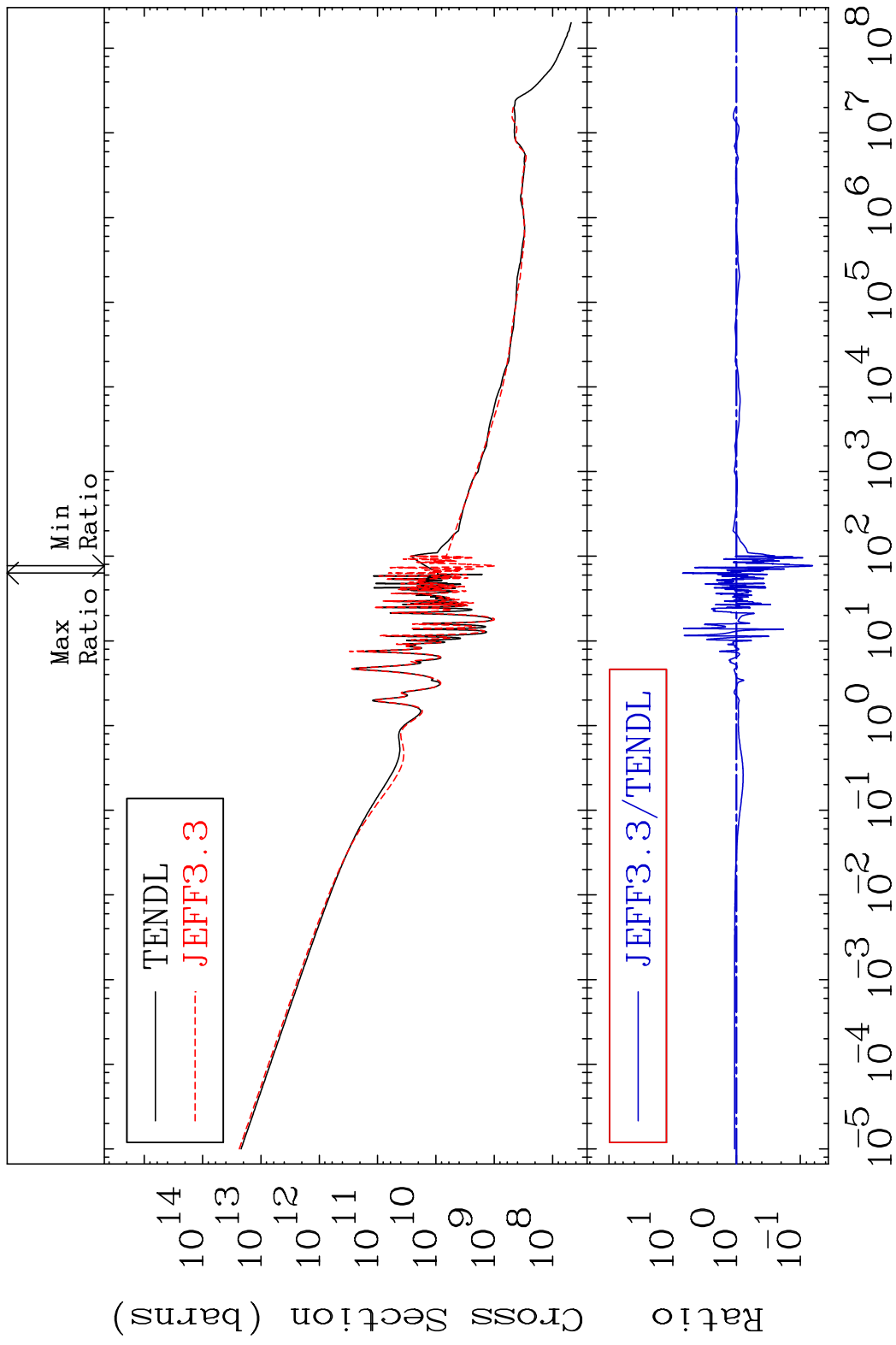
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Incident Energy (eV) 96-Cm-245

MAT 9640 Total photon (eV-barns) 96-Cm-245
 Cross Section -88.23 To 9999. %



MAT 9640 Total kinematic kerma (high limit) 96-Cm-245
 Cross Section -93.59 To 605.7 %

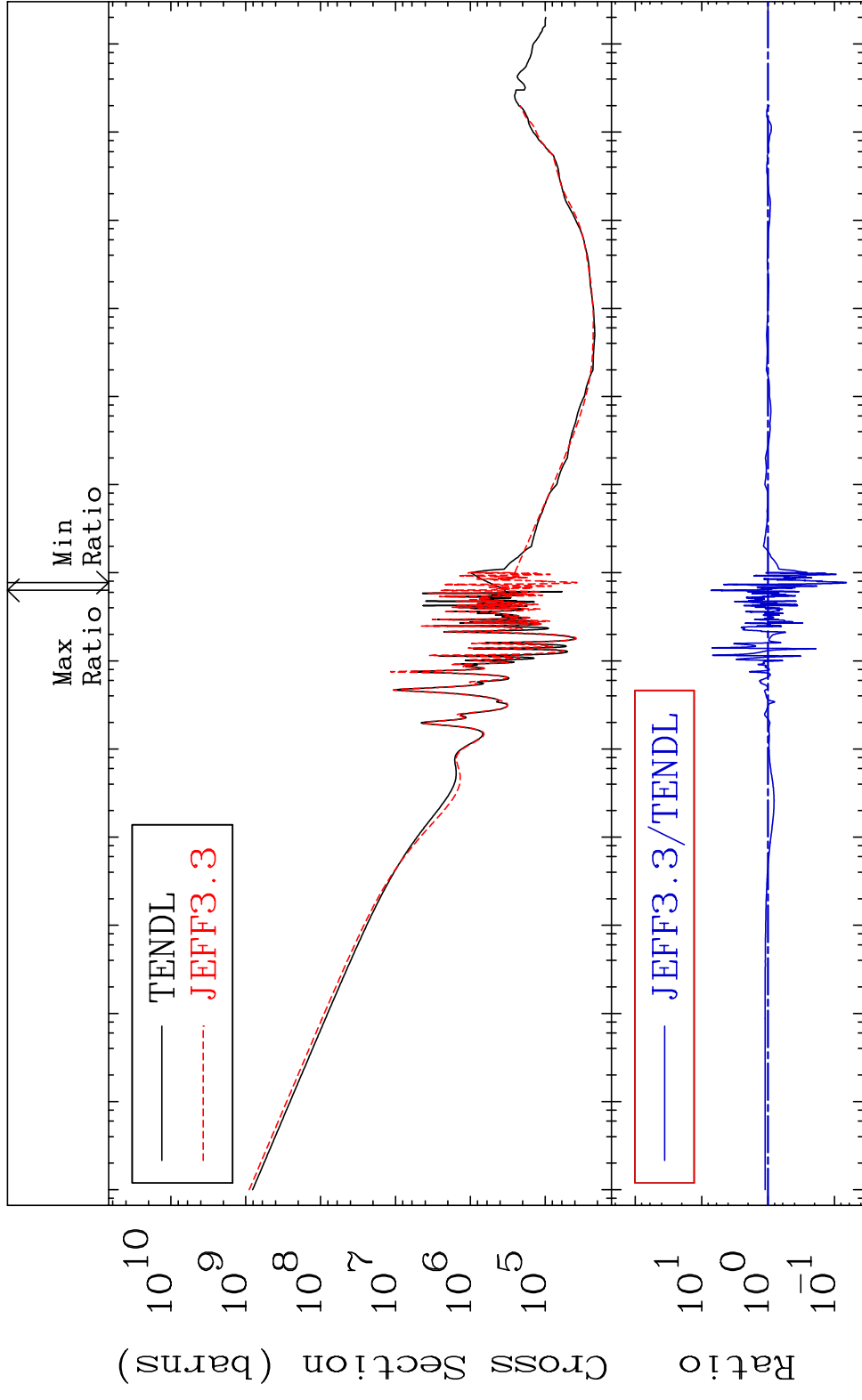


MAT 9640

Dpa total (eV-barns)

96-Cm-245

Cross Section -93.36 To 630.9 %

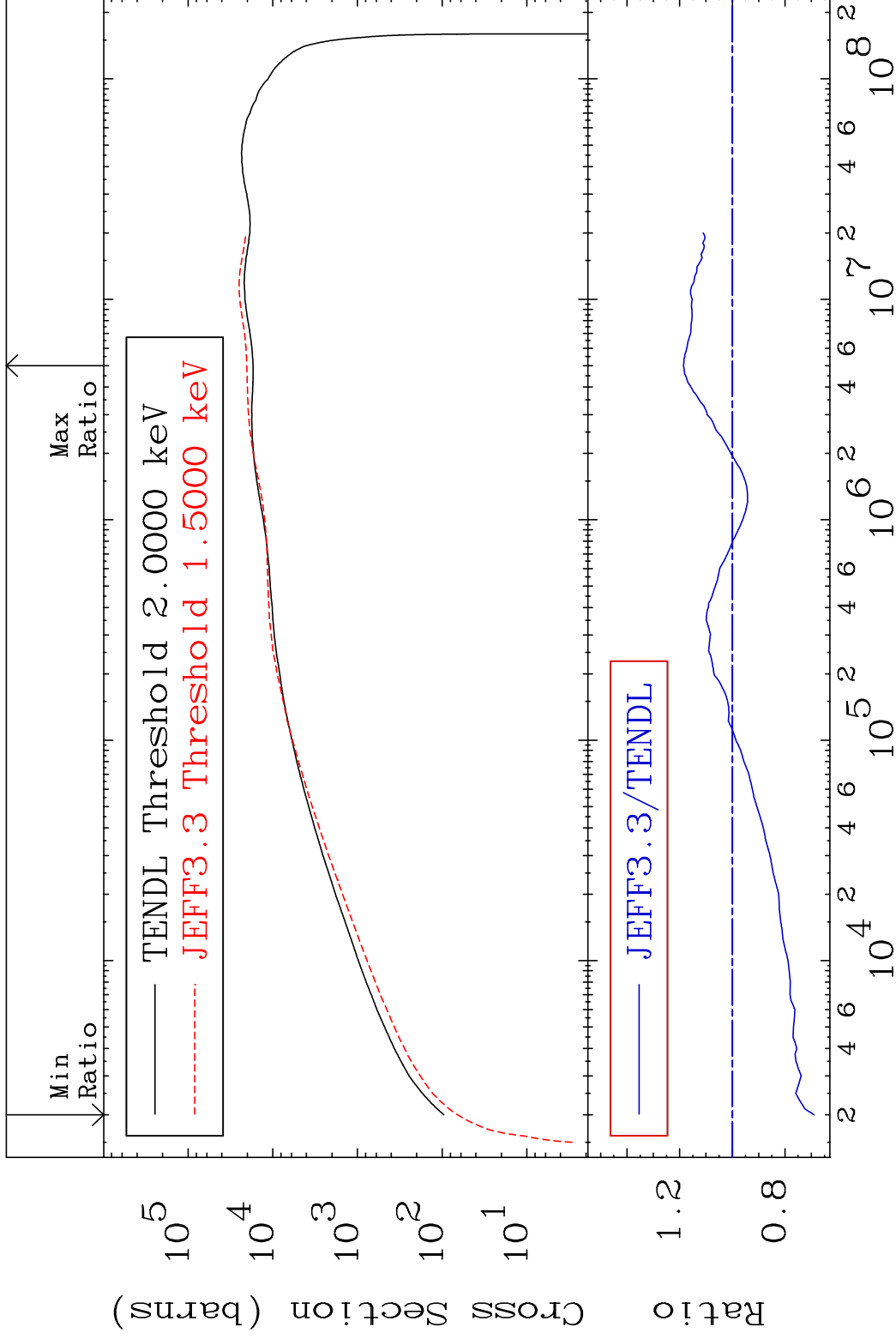


MAT 9640

Dpa elastic (mt2)

96-Cm-245

Cross Section -31.02 To 18.57 %

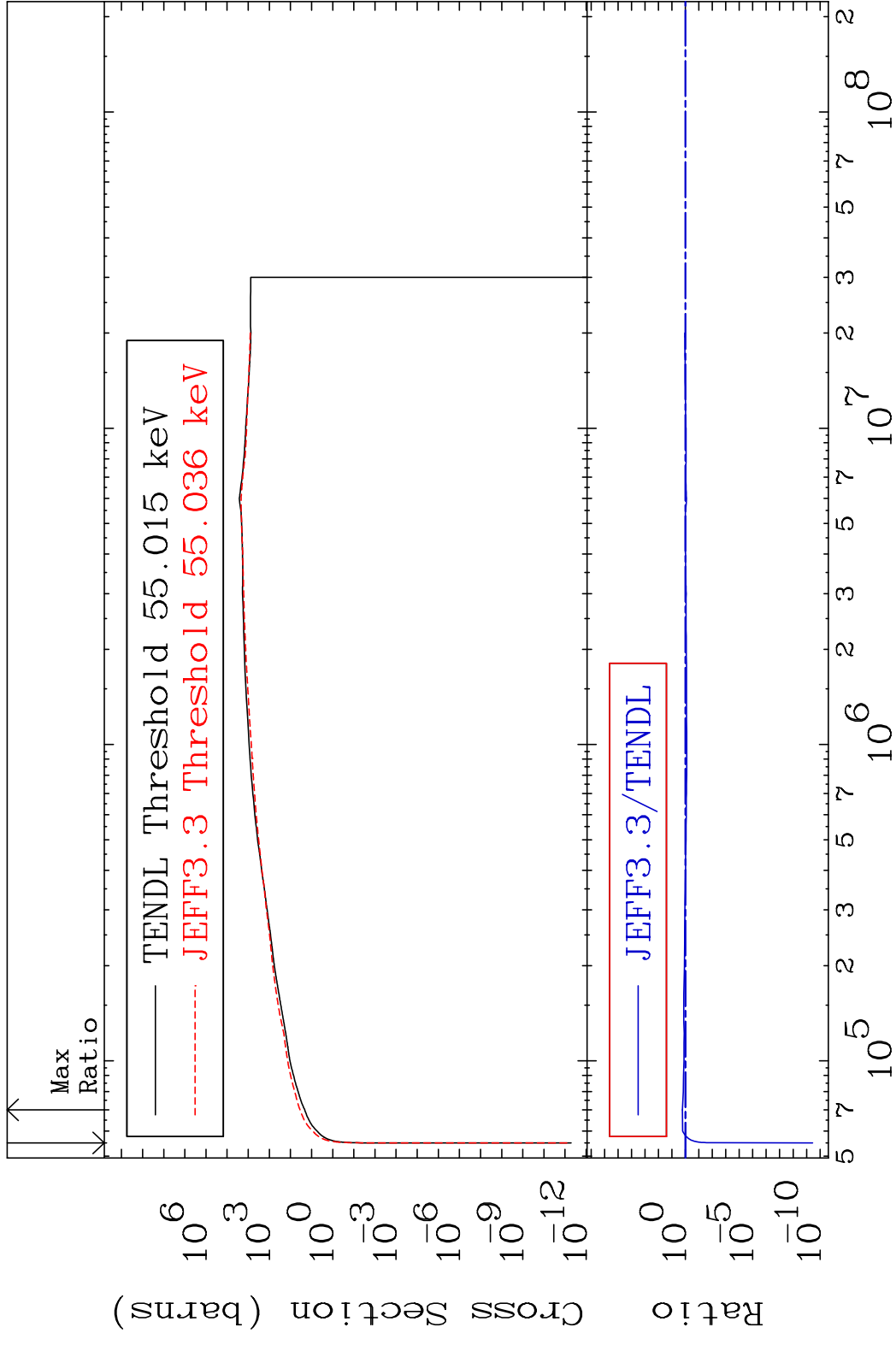


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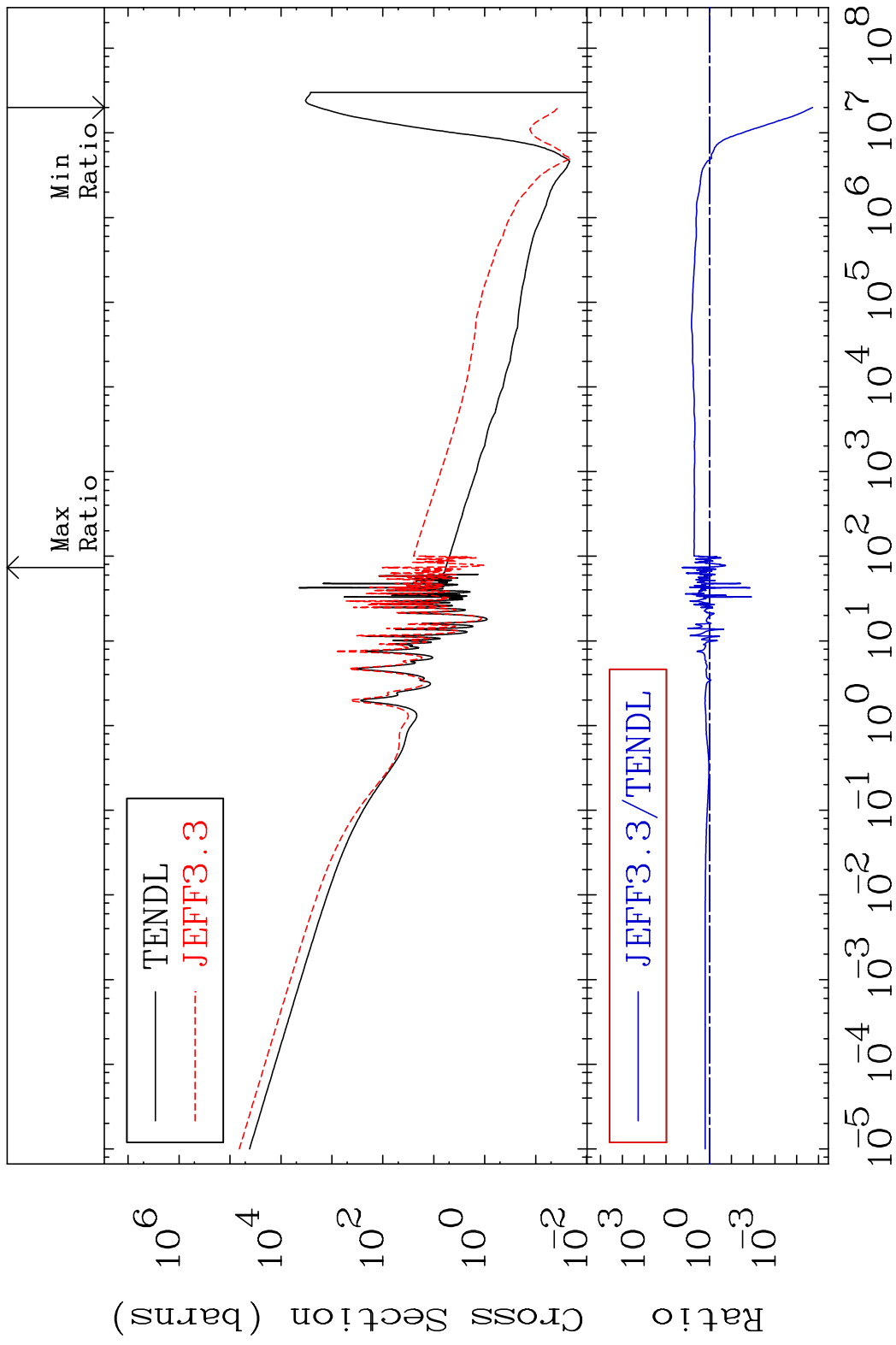
Incident Energy (eV)

96-Cm-245

MAT 9640 Dpa inelastic (mt51-91) 96-Cm-245
 Cross Section -100.0 To 67.57 %

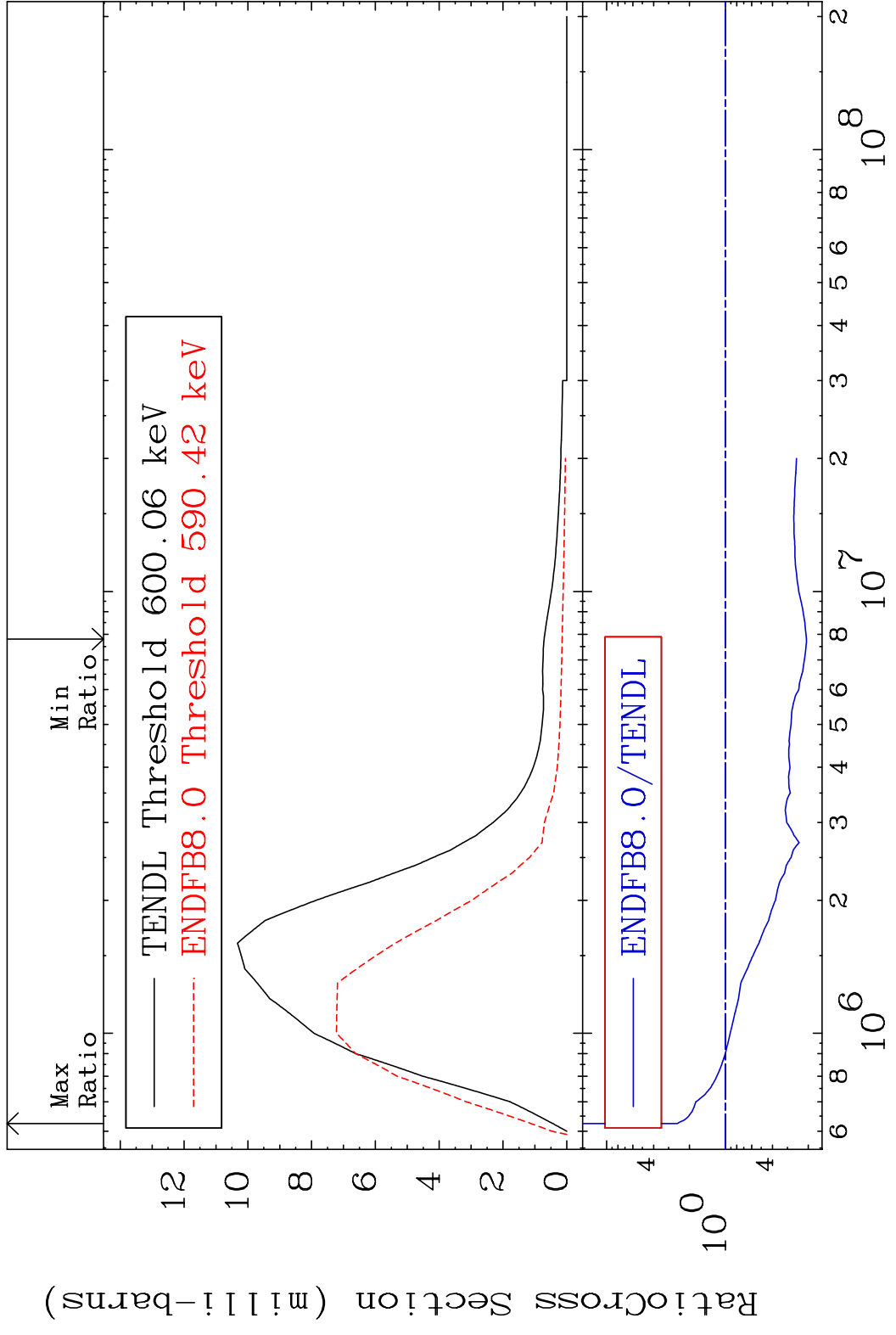


MAT 9640 Dpa disappearance (mt102 -120) 96-Cm-245
 Cross Section -100.0 To 1662. %

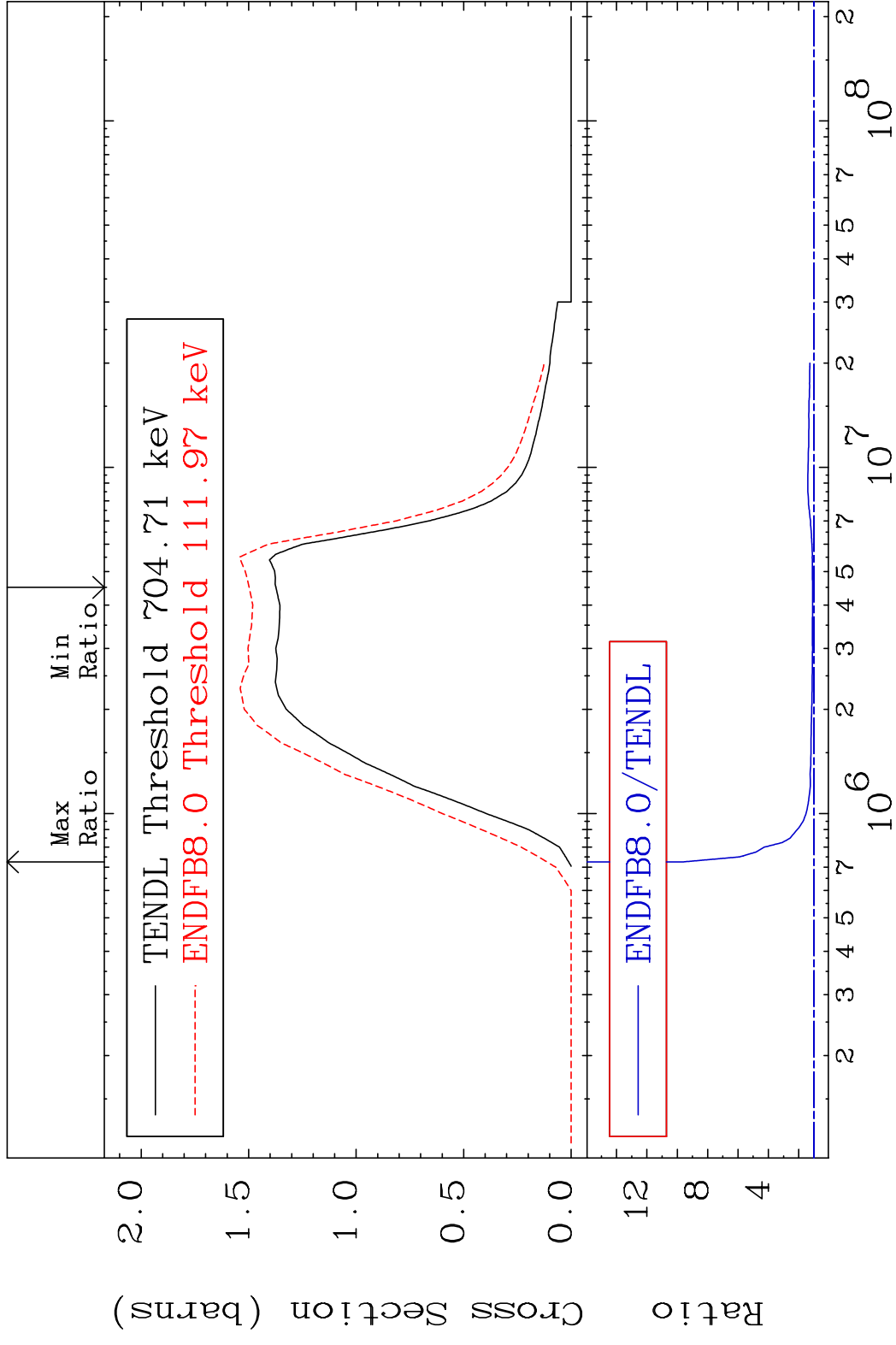


30 Incident Energy (eV) 96-Cm-245

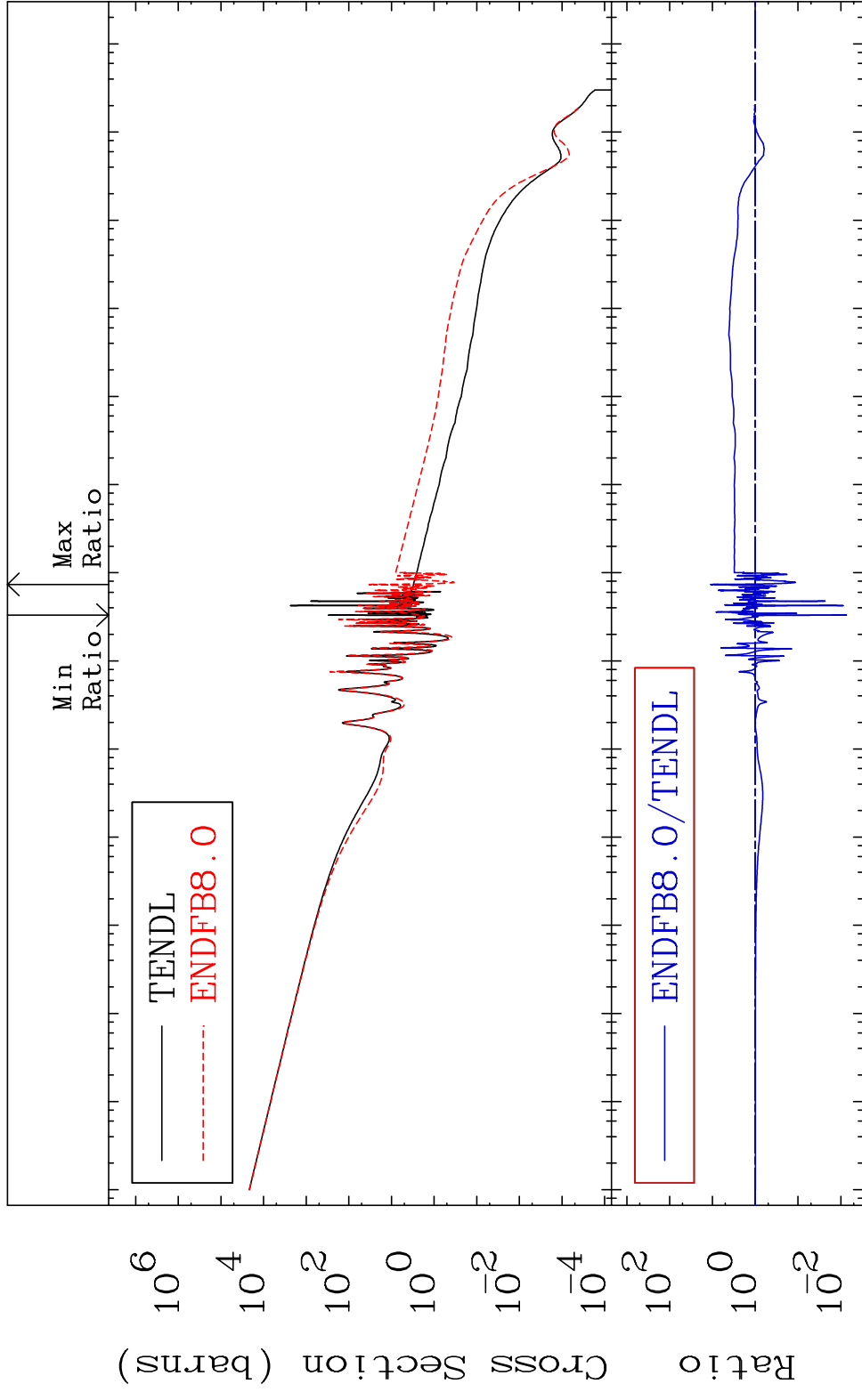
MAT 9640 MT= 70 (n,n') Level 96-Cm-245
 Cross Section -79.23 To 154.2 %



MAT 9640 (n, n') Continuum 96-Cm-245
 Cross Section 9.046 To 866.6 %

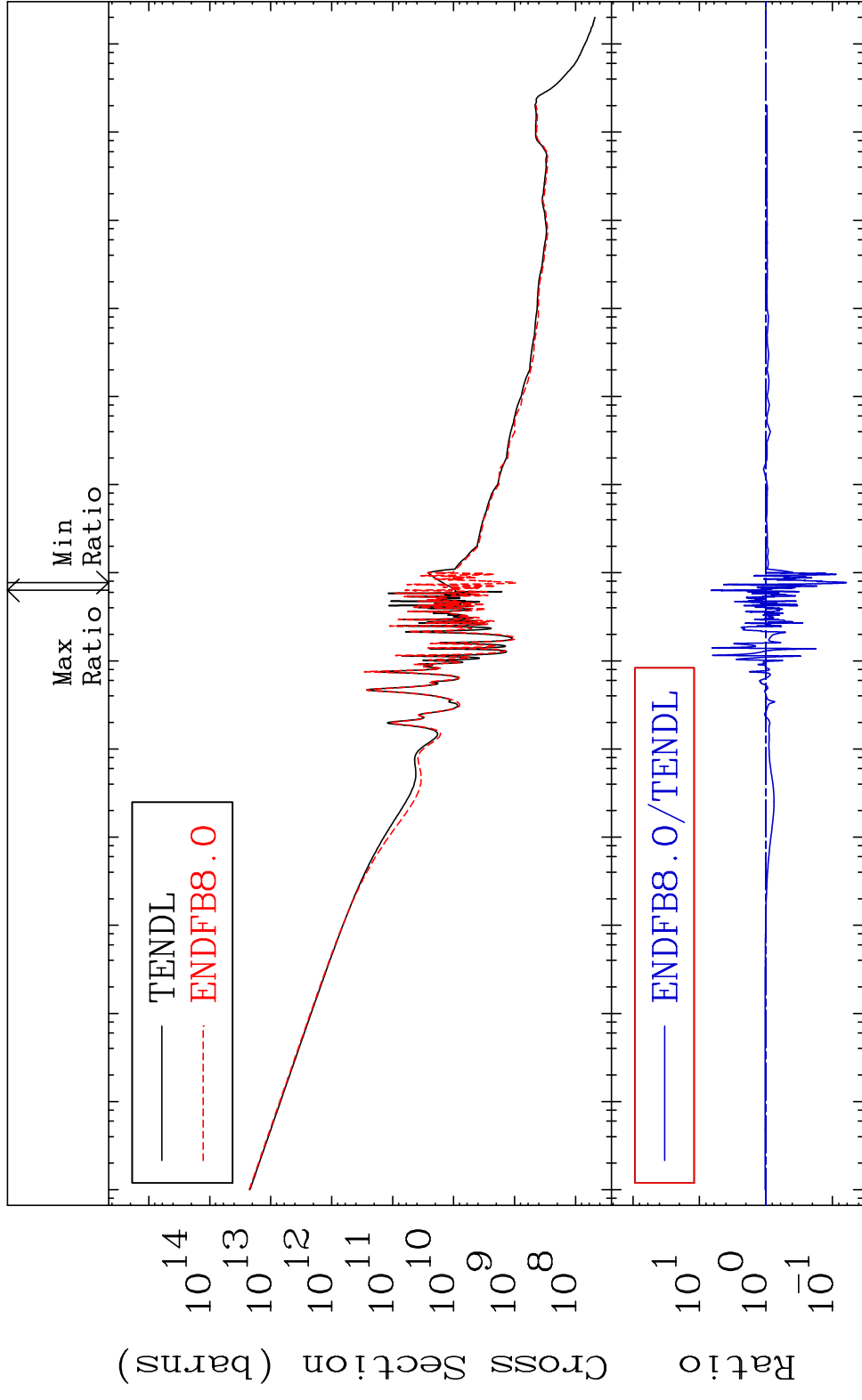


MAT 9640 (n, γ) 96-Cm-245
 Cross Section -99.26 To 999.0 %

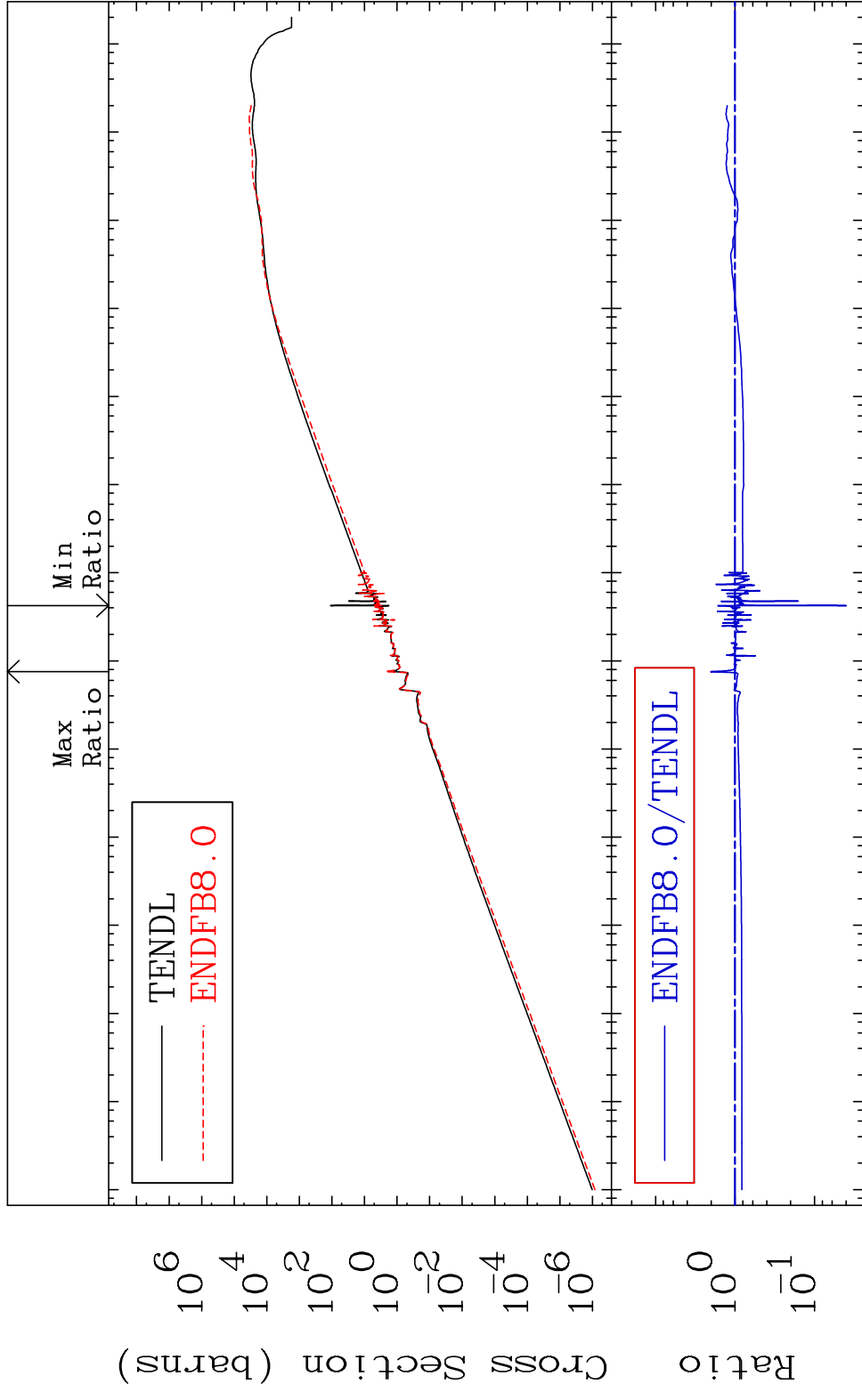


MAT 9640

Kerma total (eV-barns) 96-Cm-245
Cross Section -93.85 To 576.6 %

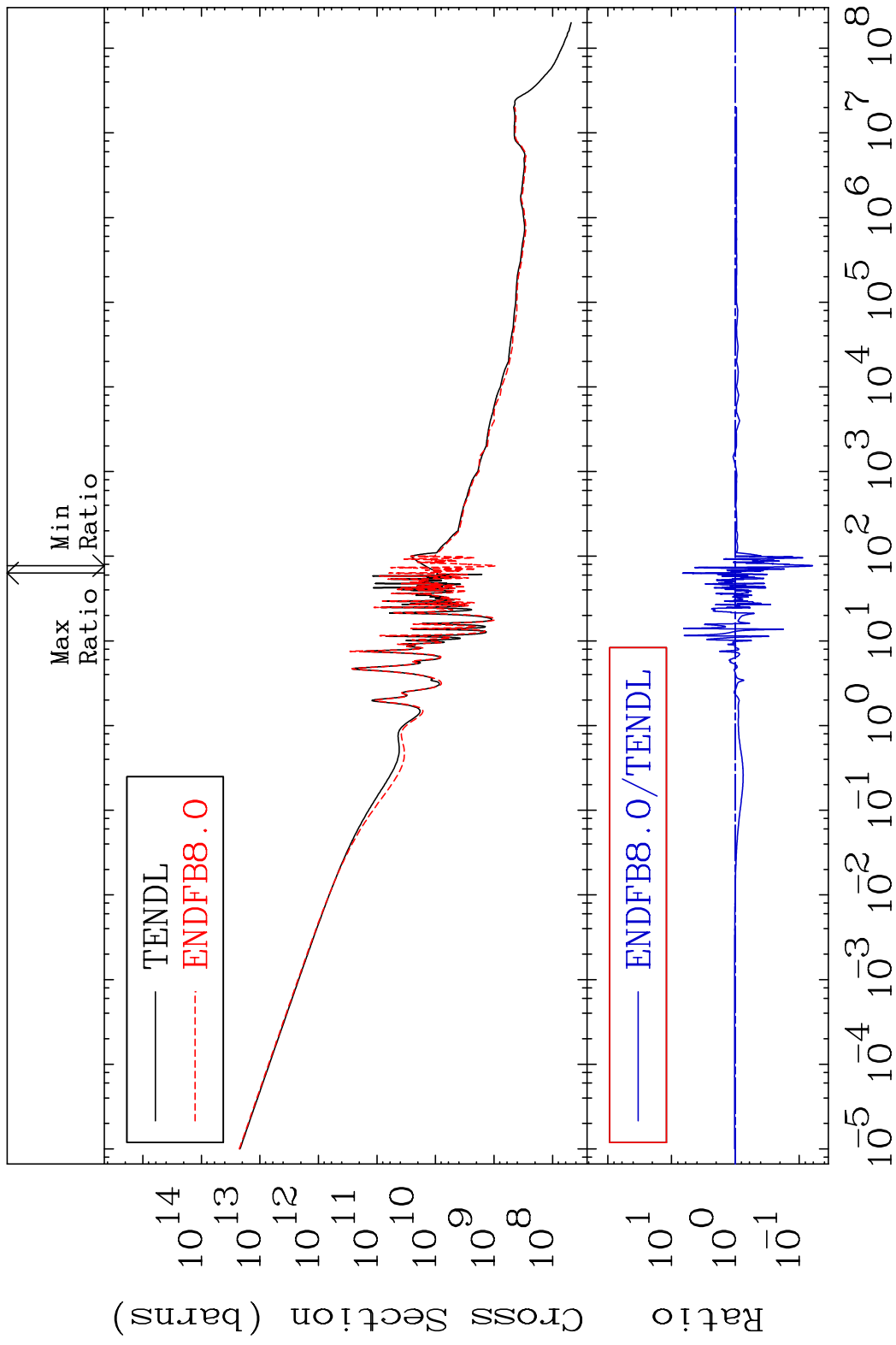


MAT 9640 Kerma elastic 96-Cm-245
 Cross Section -96.01 To 102.5 %

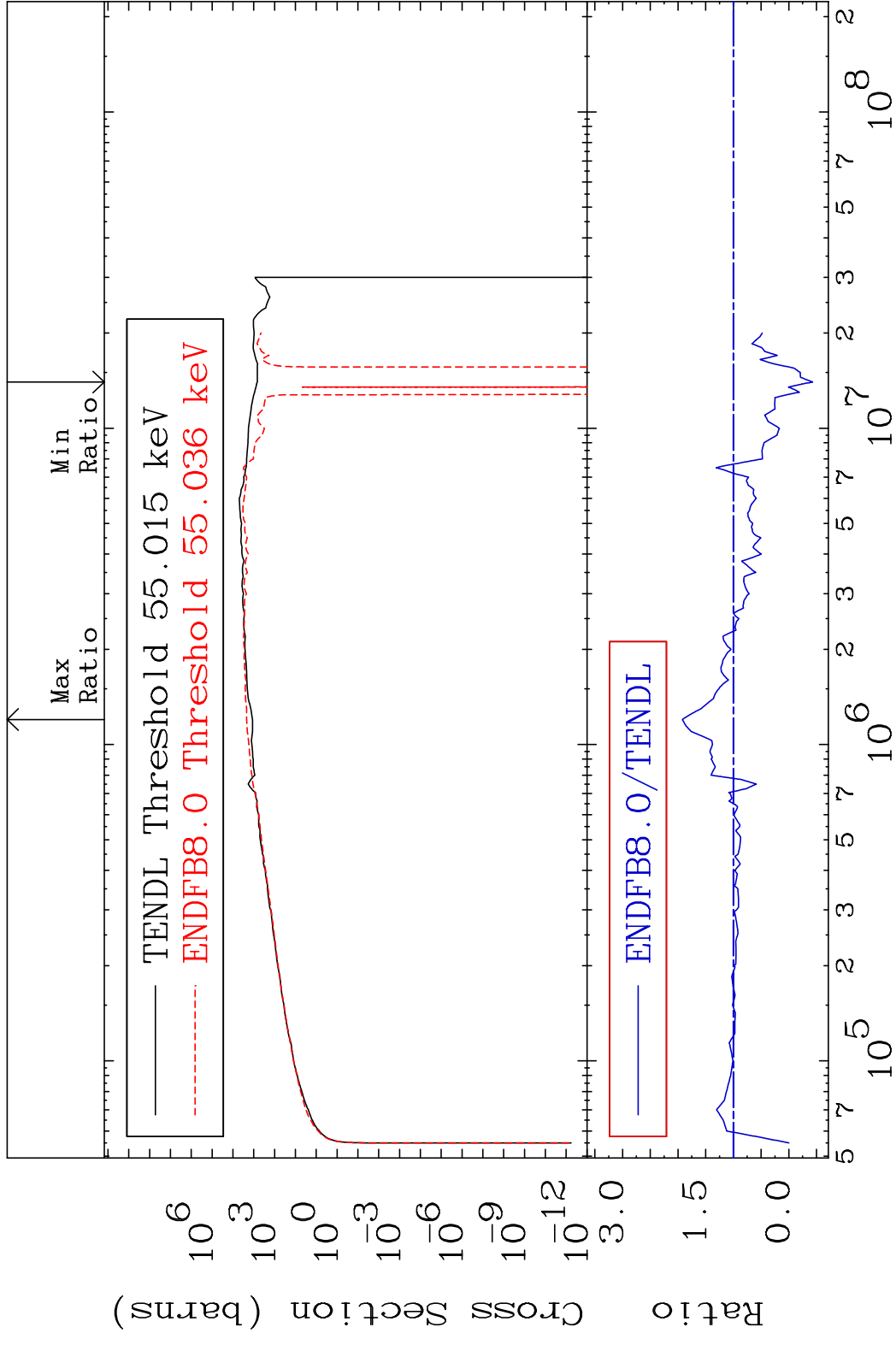


35 Incident Energy (eV) 96-Cm-245

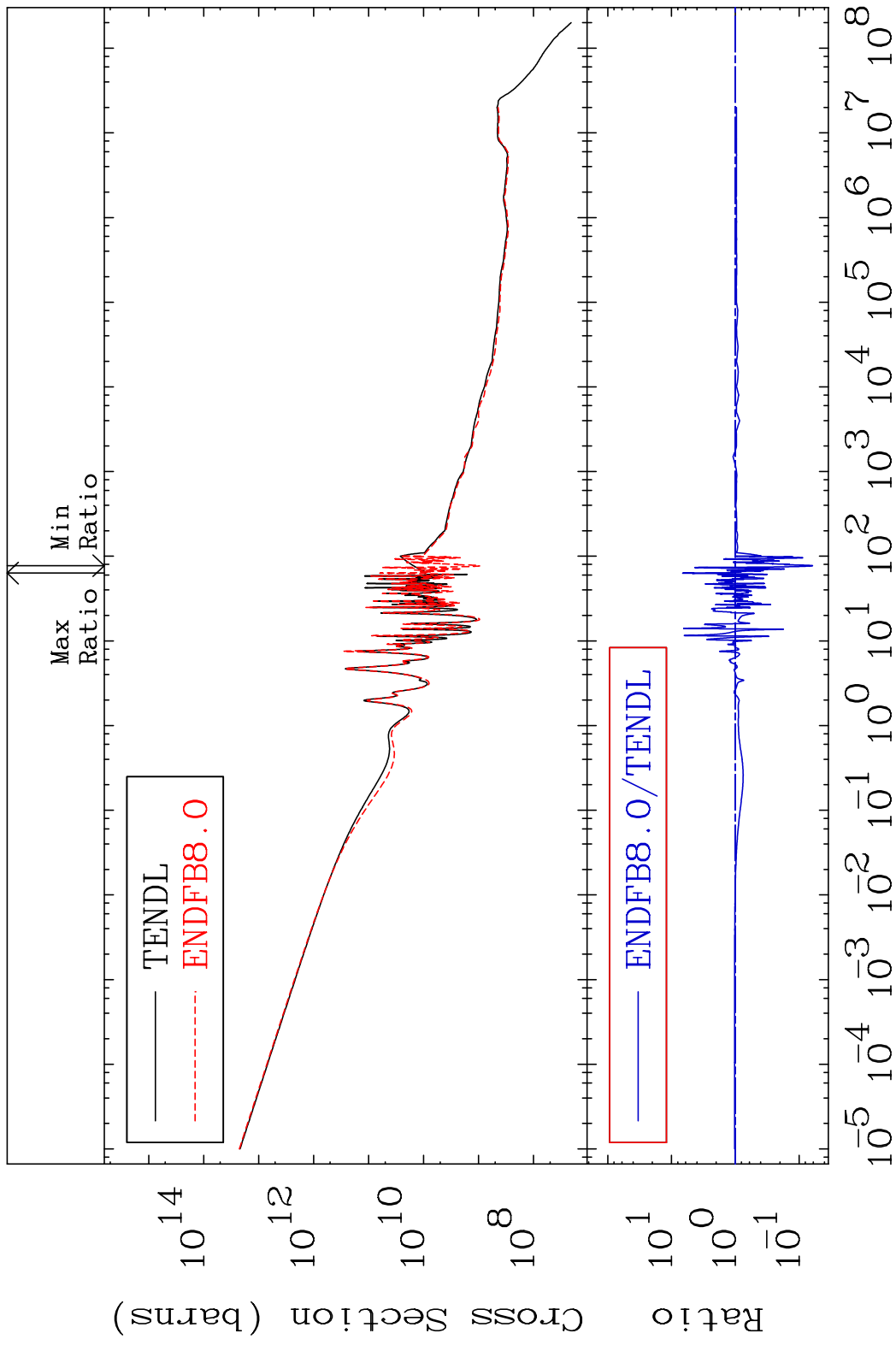
MAT 9640 Kerma non-elastic (all but mt2) 96-Cm-245
 Cross Section -93.85 To 576.6 %



MAT 9640 Kerma inelastic (mt51-91) 96-Cm-245
 Cross Section -142.9 To 92.05 %

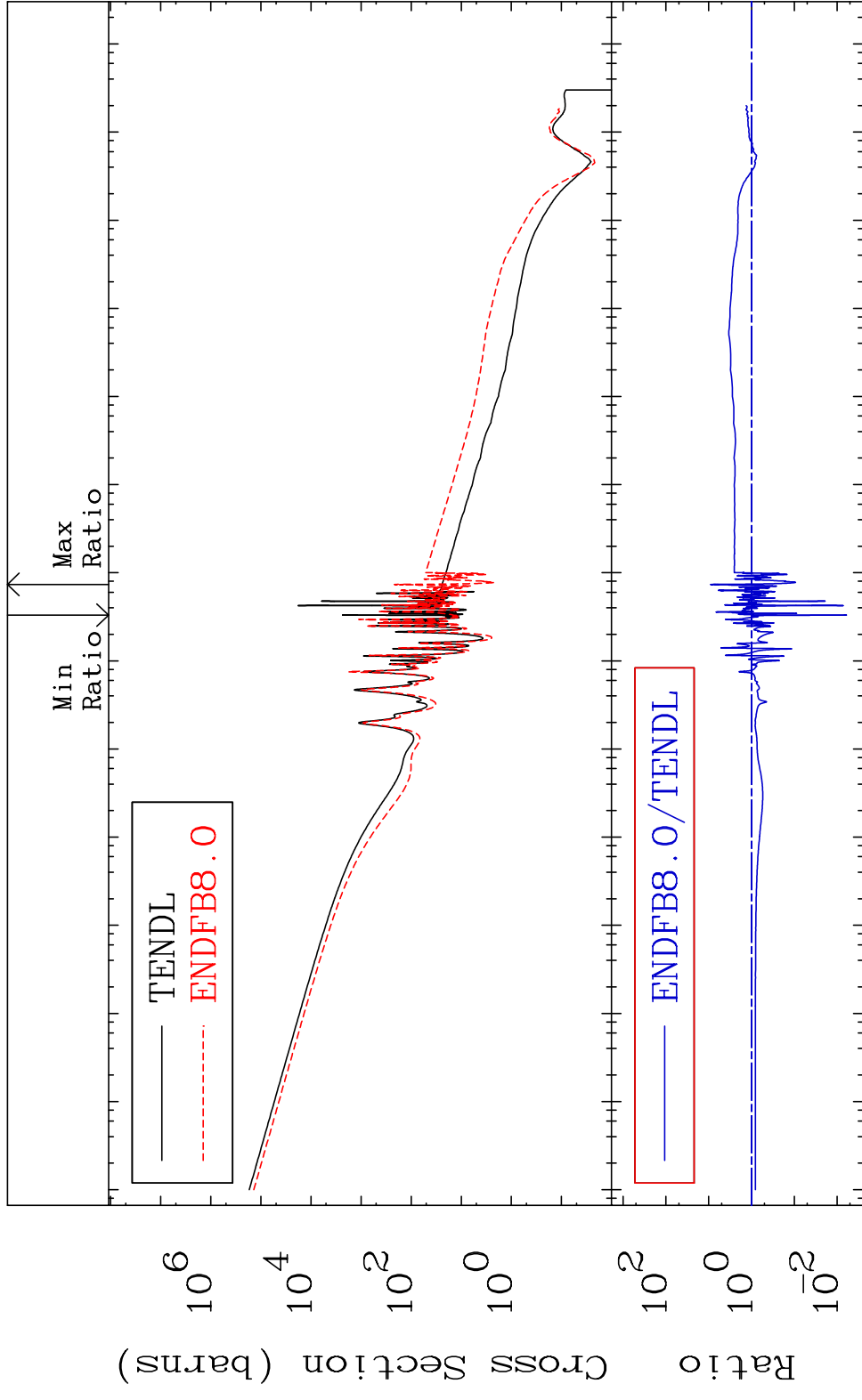


MAT 9640 Kerma fission (mt18 or mt19-20-21-38)96-Cm-245
 Cross Section -93.85 To 576.6 %



MAT 9640

Kerma capture (mt102) 96-Cm-245
Cross Section -99.39 To 798.7 %

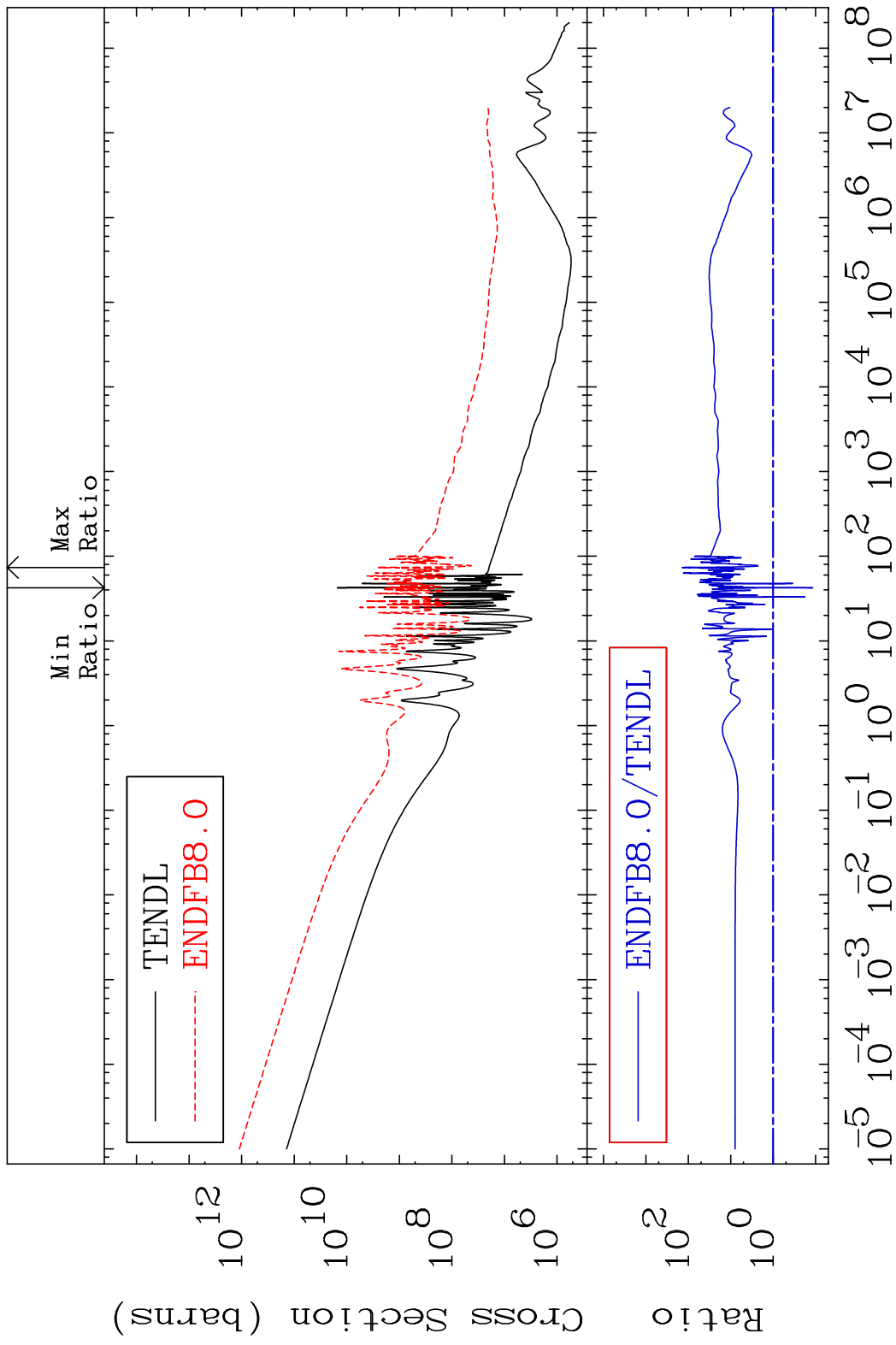


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Incident Energy (eV)

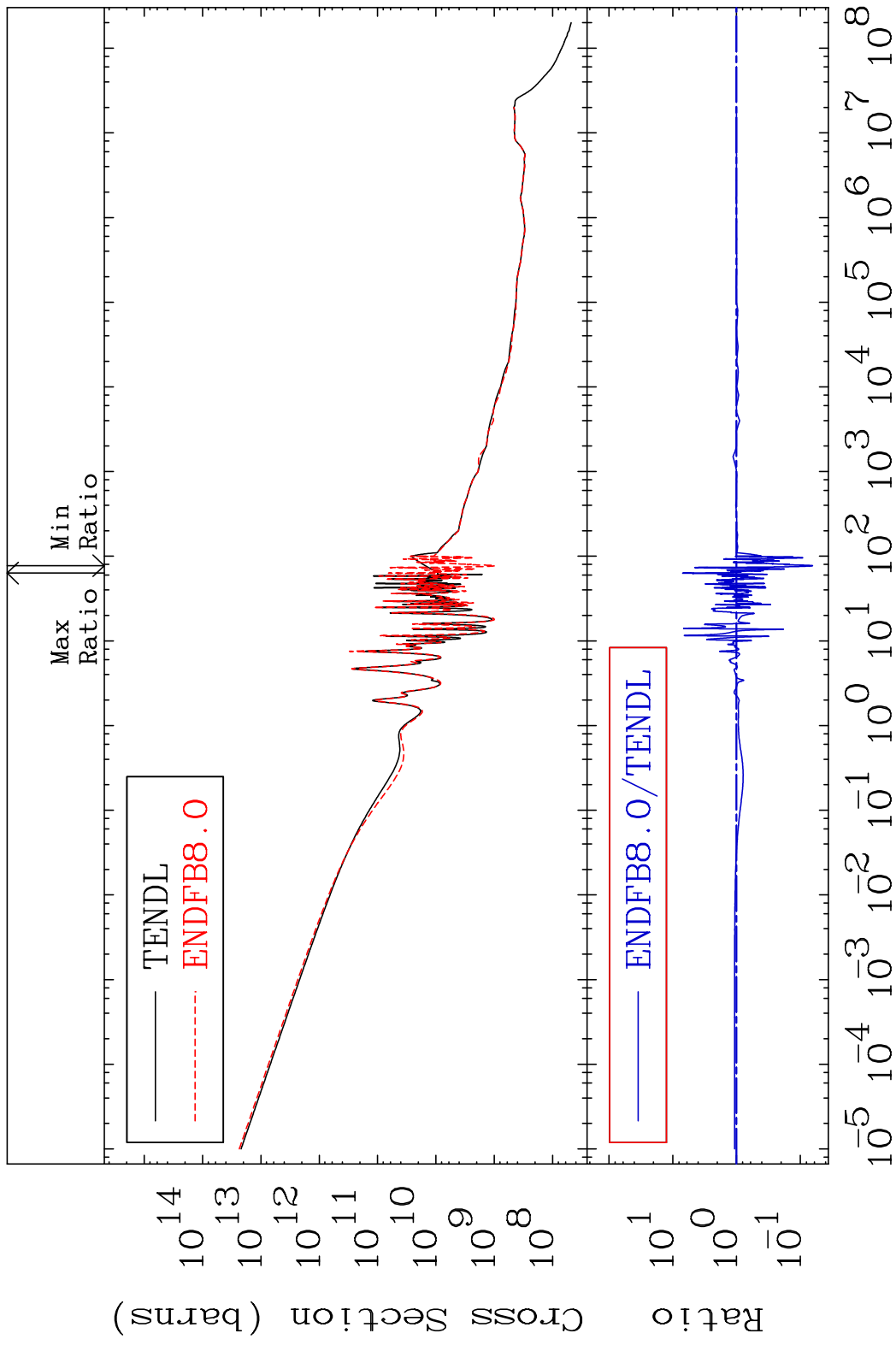
96-Cm-245

MAT 9640 Total photon (eV-barns) 96-Cm-245
Cross Section -88.21 To 9999. %



40 Incident Energy (eV) 96-Cm-245

MAT 9640 Total kinematic kerma (high limit) 96-Cm-245
 Cross Section -93.59 To 605.7 %

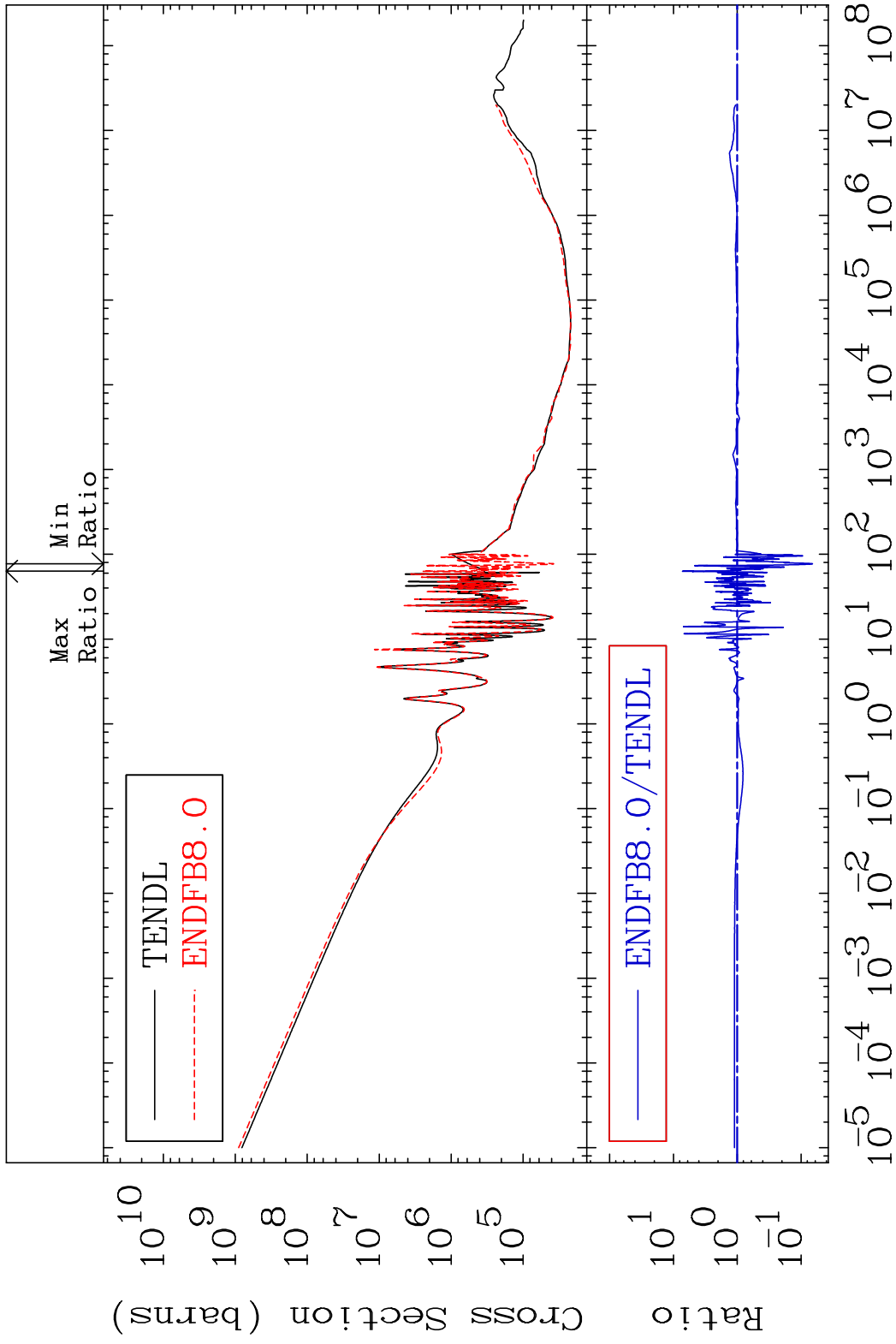


MAT 9640

Dpa total (eV-barns)

96-Cm-245

Cross Section -93.36 To 630.4 %



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Incident Energy (eV)

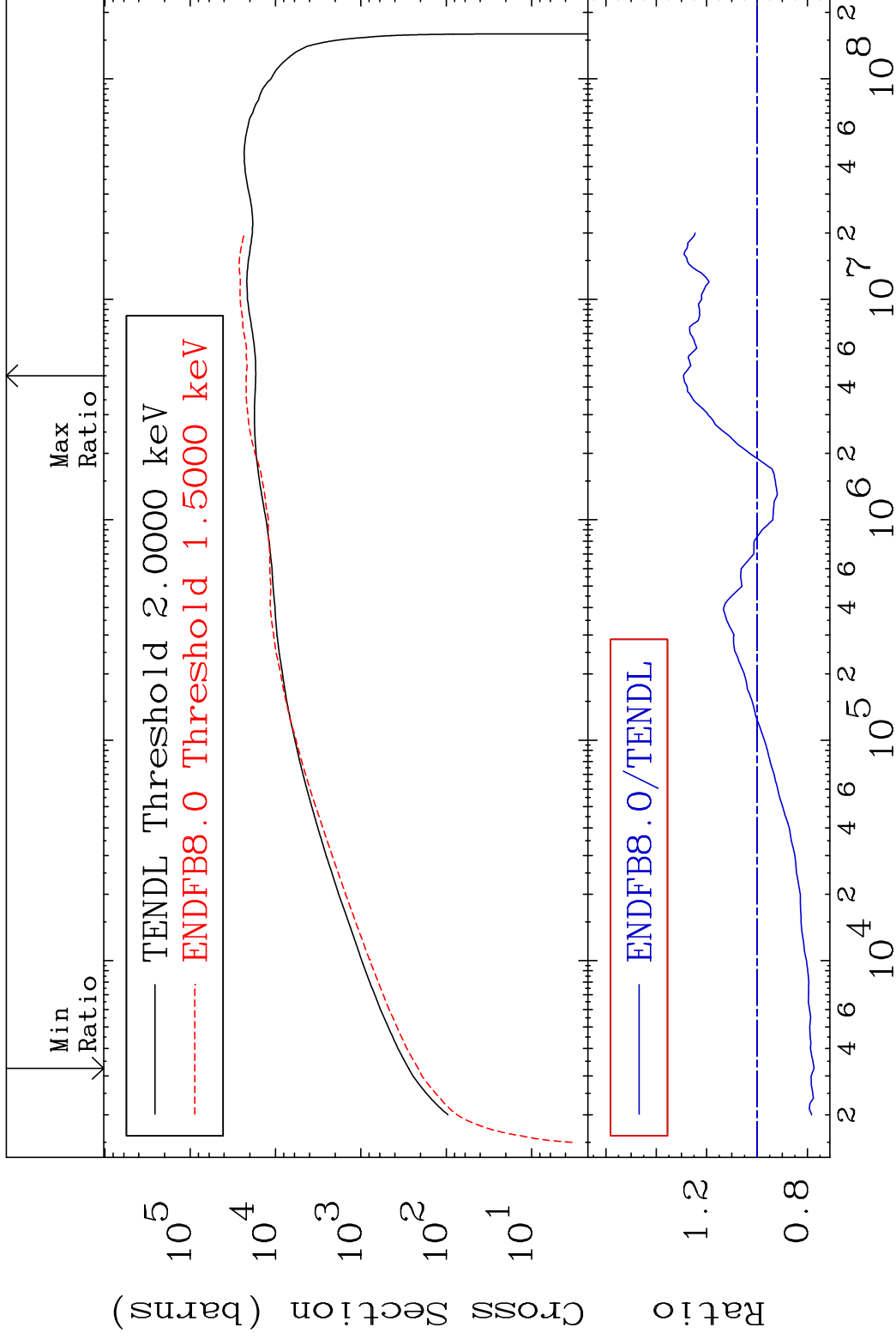
96-Cm-245

MAT 9640

Dpa elastic (mt2)

96-Cm-245

Cross Section -22.63 To 29.21 %

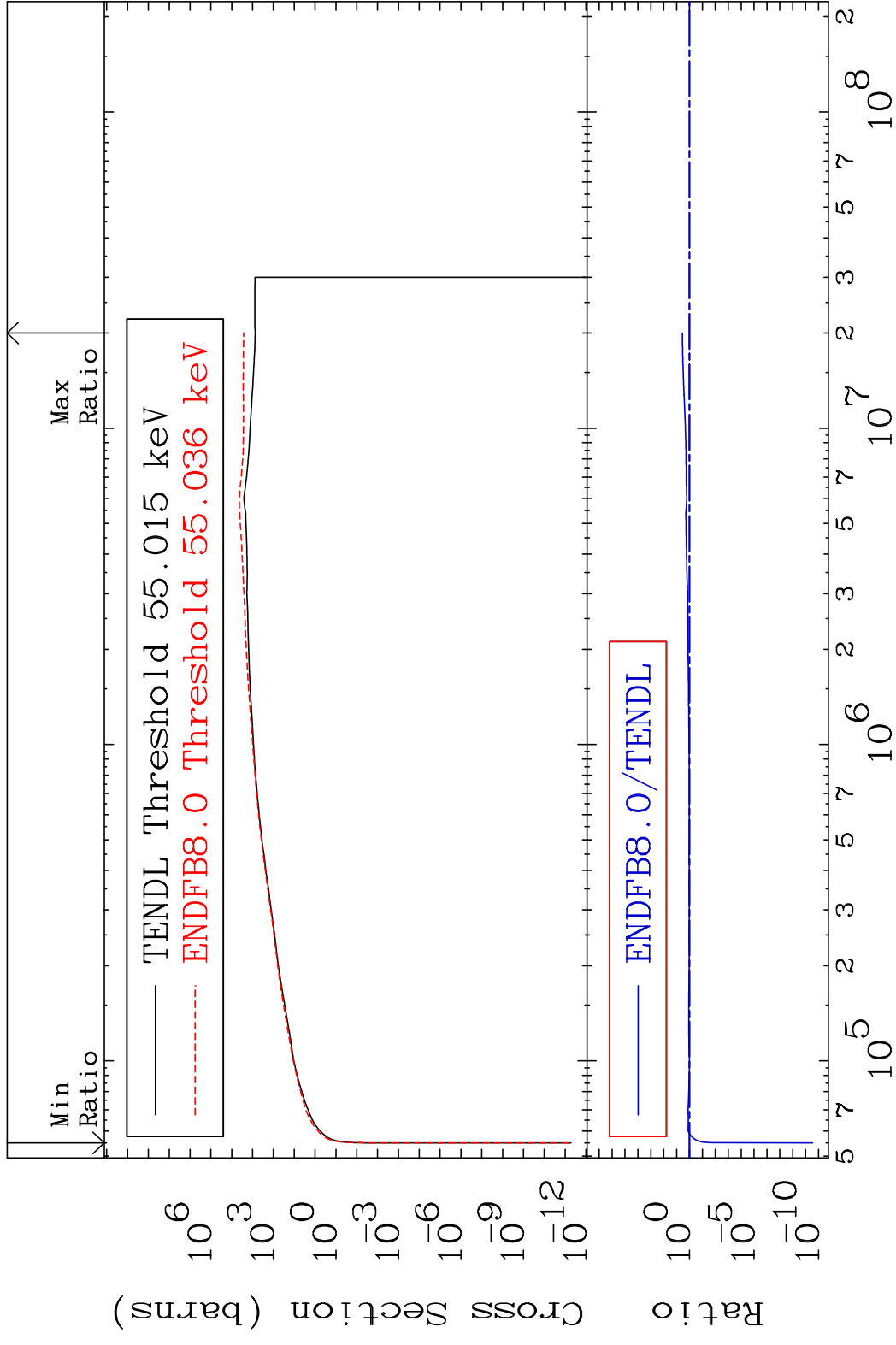


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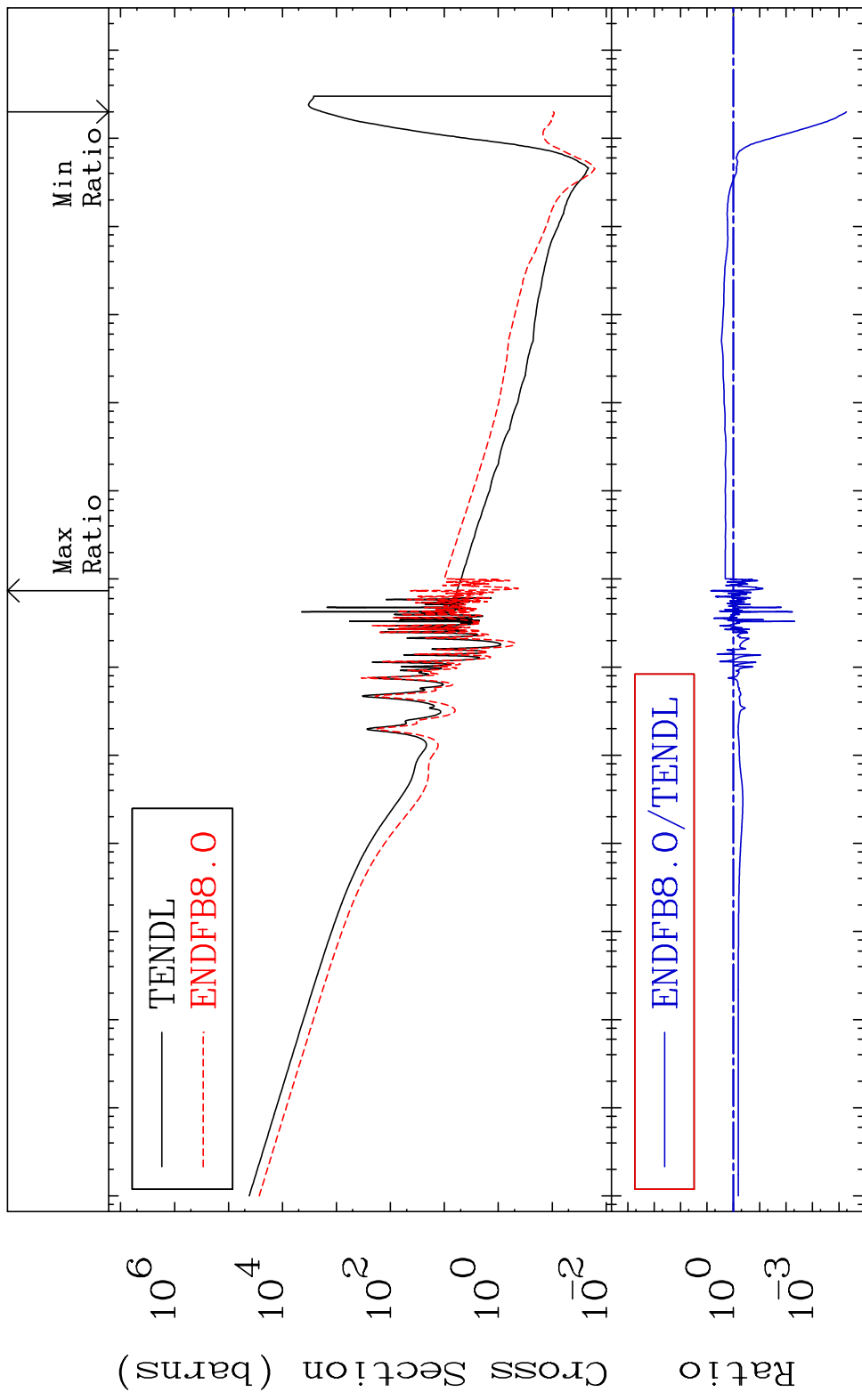
Incident Energy (eV)

96-Cm-245

MAT 9640 Dpa inelastic (mt51-91) 96-Cm-245
 Cross Section -100.0 To 258.9 %



MAT 9640 Dpa disappearance (mt102 -120) 96-Cm-245
 Cross Section -99.99 To 625.5 %



45 Incident Energy (eV) 96-Cm-245