

Program Complot
(Version 2021-1)

by

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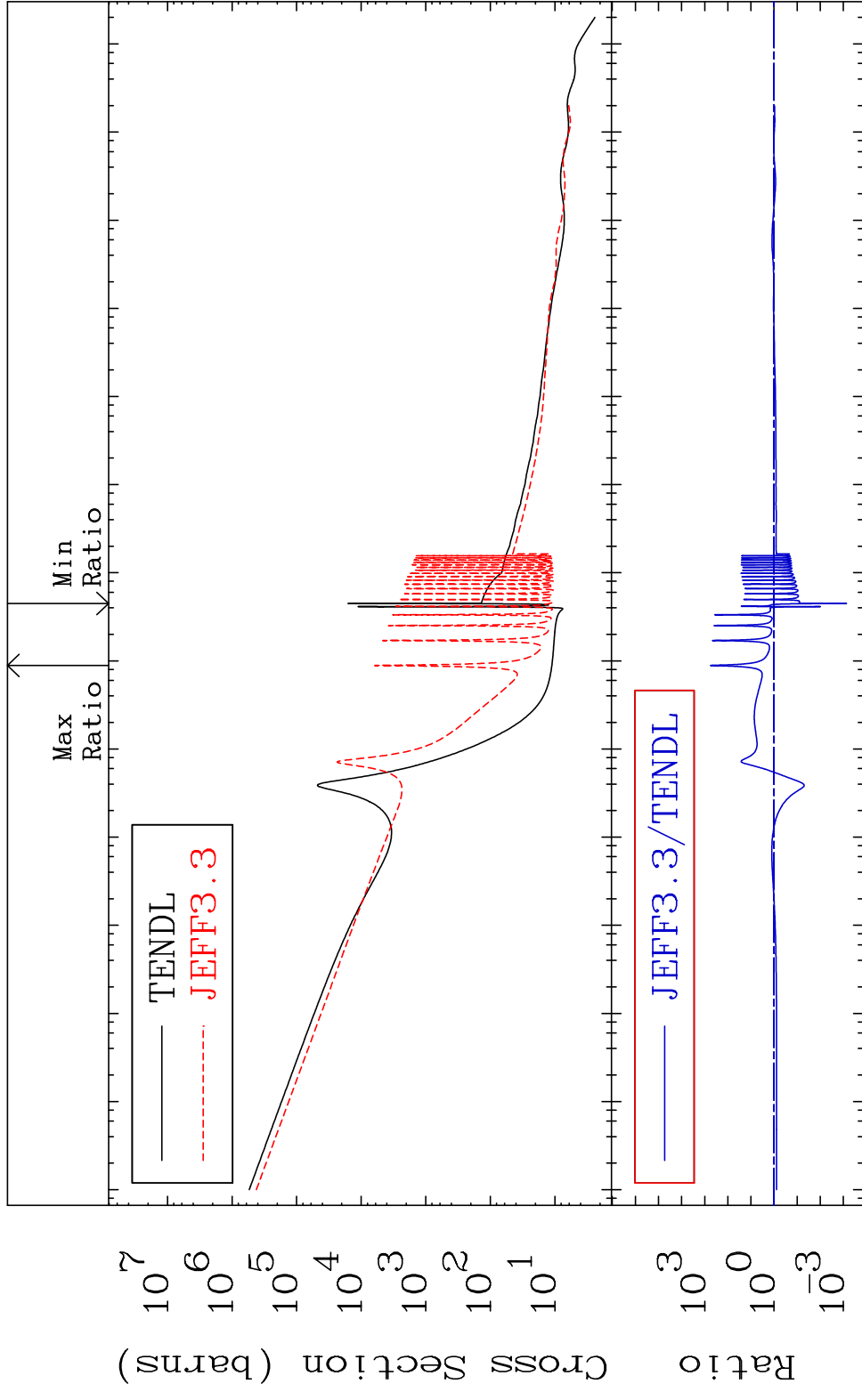
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9858

Total
Cross Section -99.93 To 9999. %

98-Cf-251



1

Incident Energy (eV)

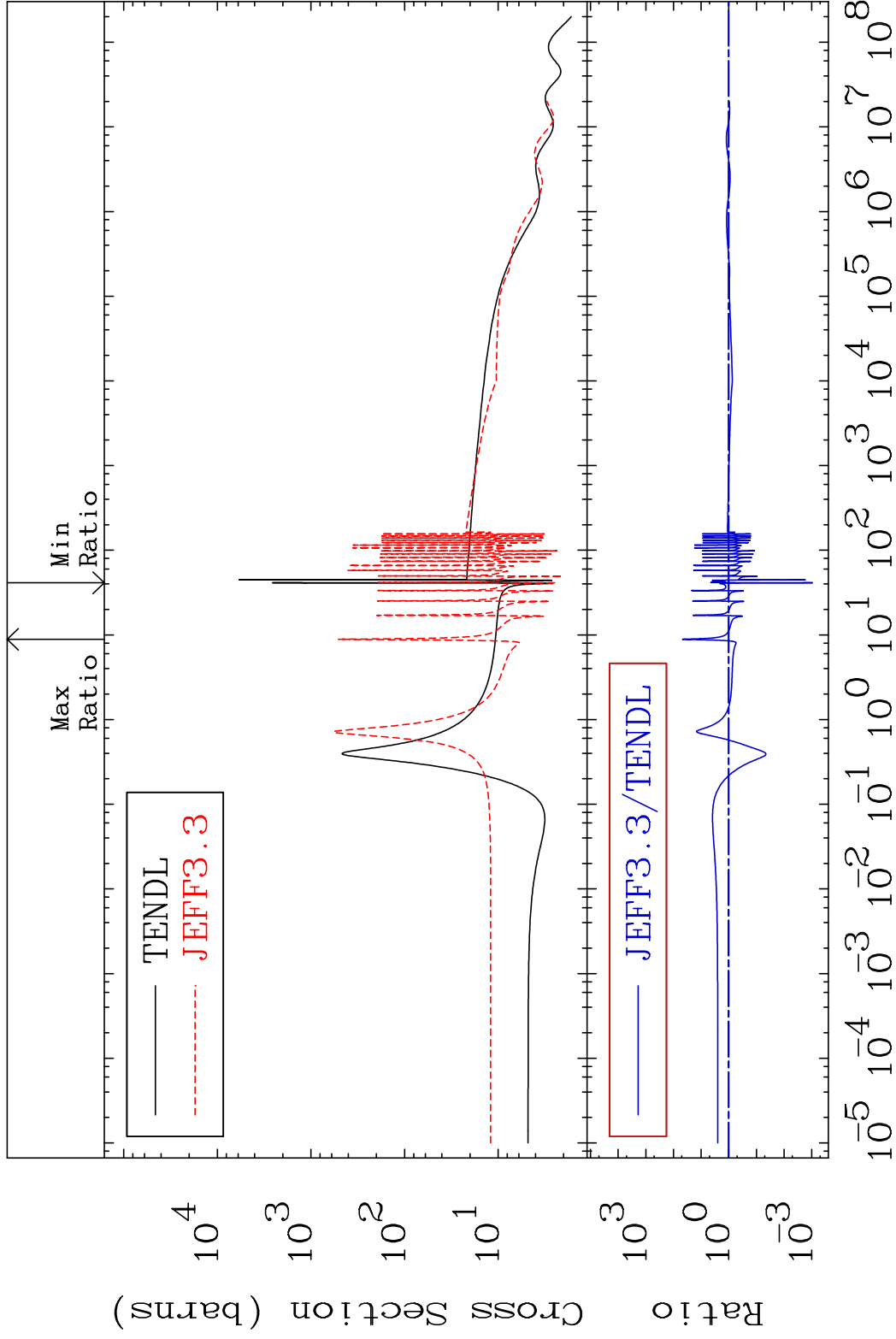
98-Cf-251

MAT 9858

Elastic

98-Cf-251

Cross Section -99.91 To 4678. %

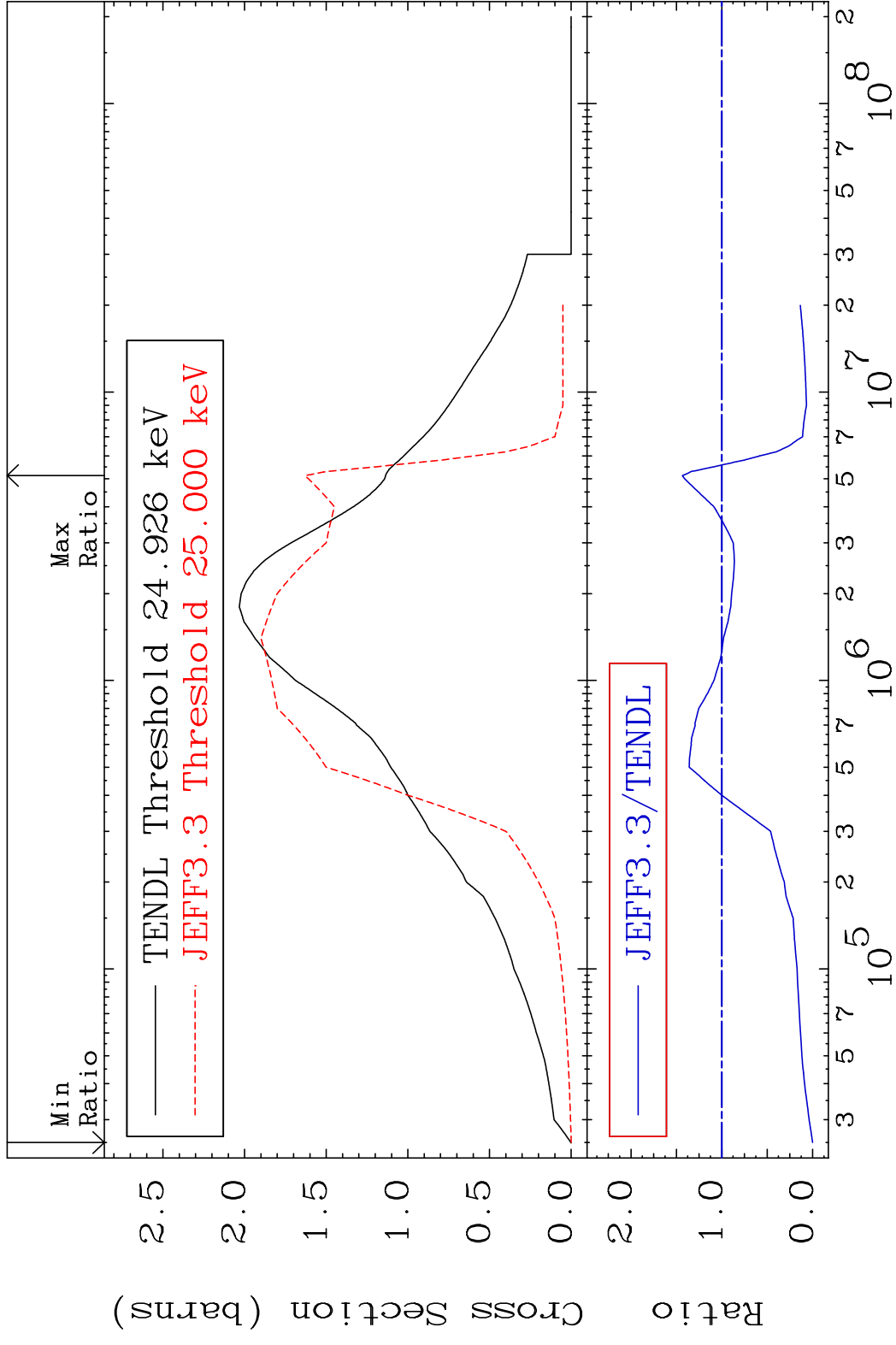


2

Incident Energy (eV)

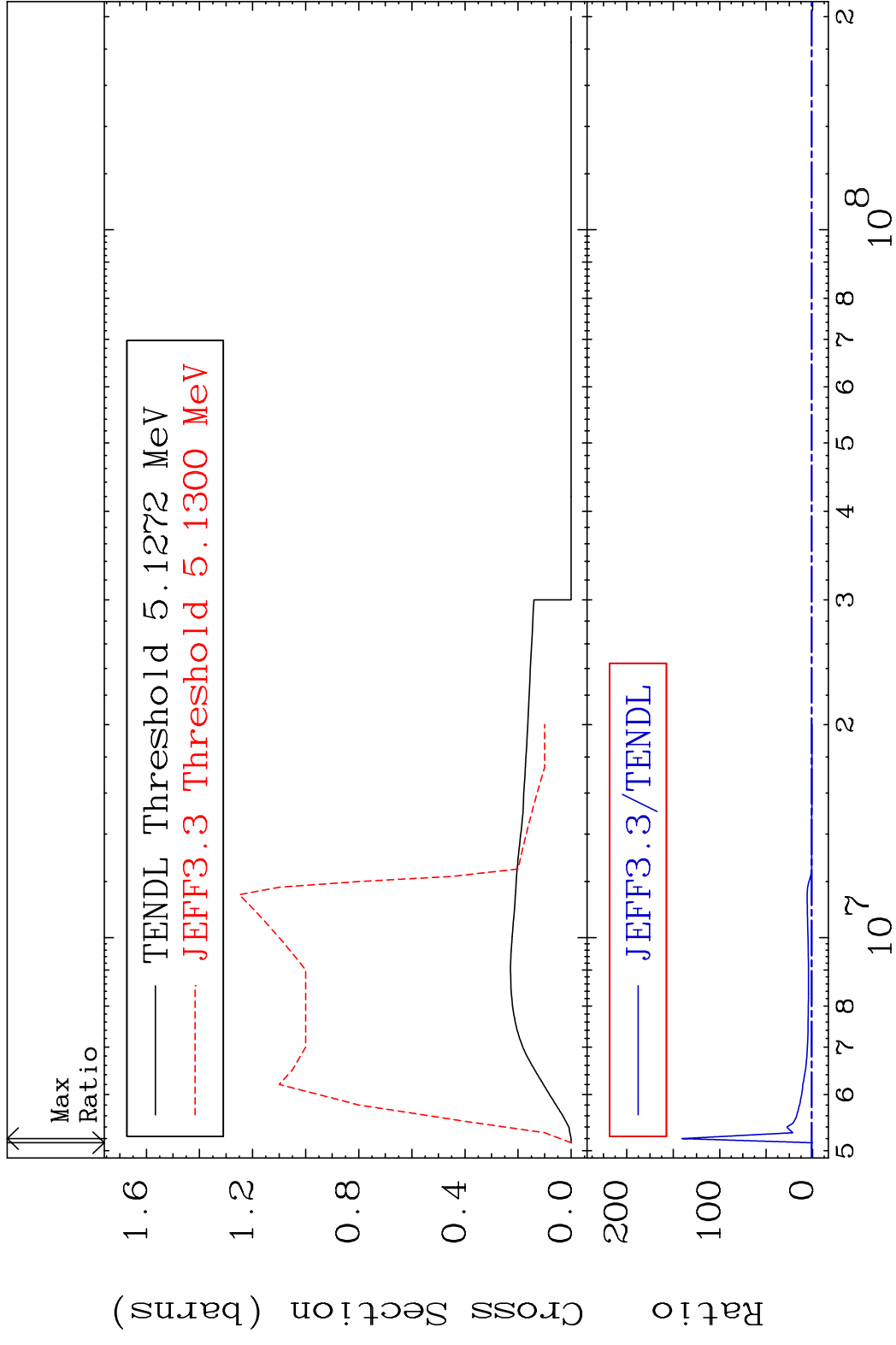
98-Cf-251

MAT 9858 Inelastic 98-Cf-251
 Cross Section -100.0 To 43.41 %



3 3 Incident Energy (eV) 98-Cf-251

MAT 9858 (n,2n) 98-Cf-251
 Cross Section -100.0 To 9999. %



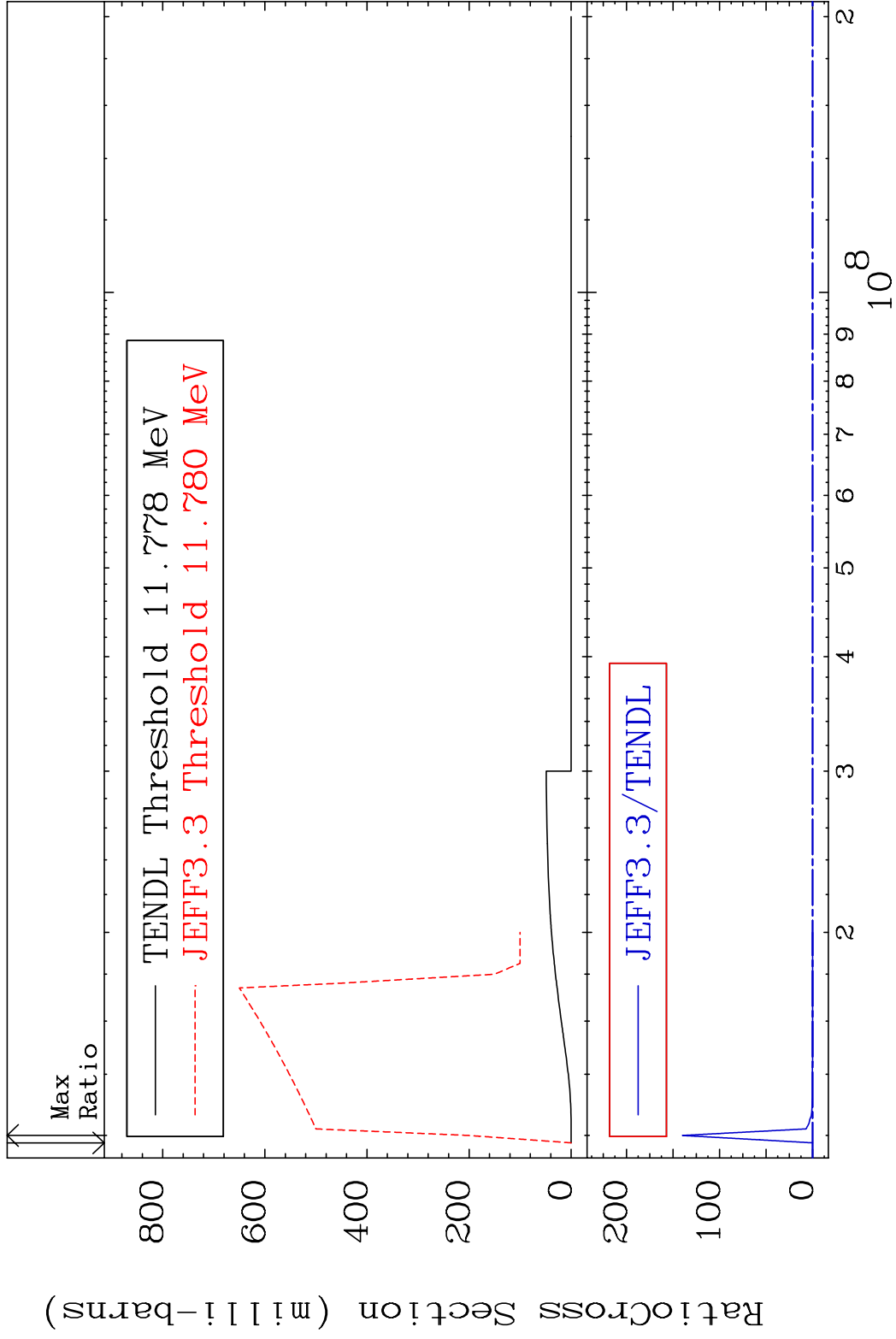
4 Incident Energy (eV) 98-Cf-251

MAT 9858

(n,3n)

98-Cf-251

Cross Section -100.0 To 9999. %



5

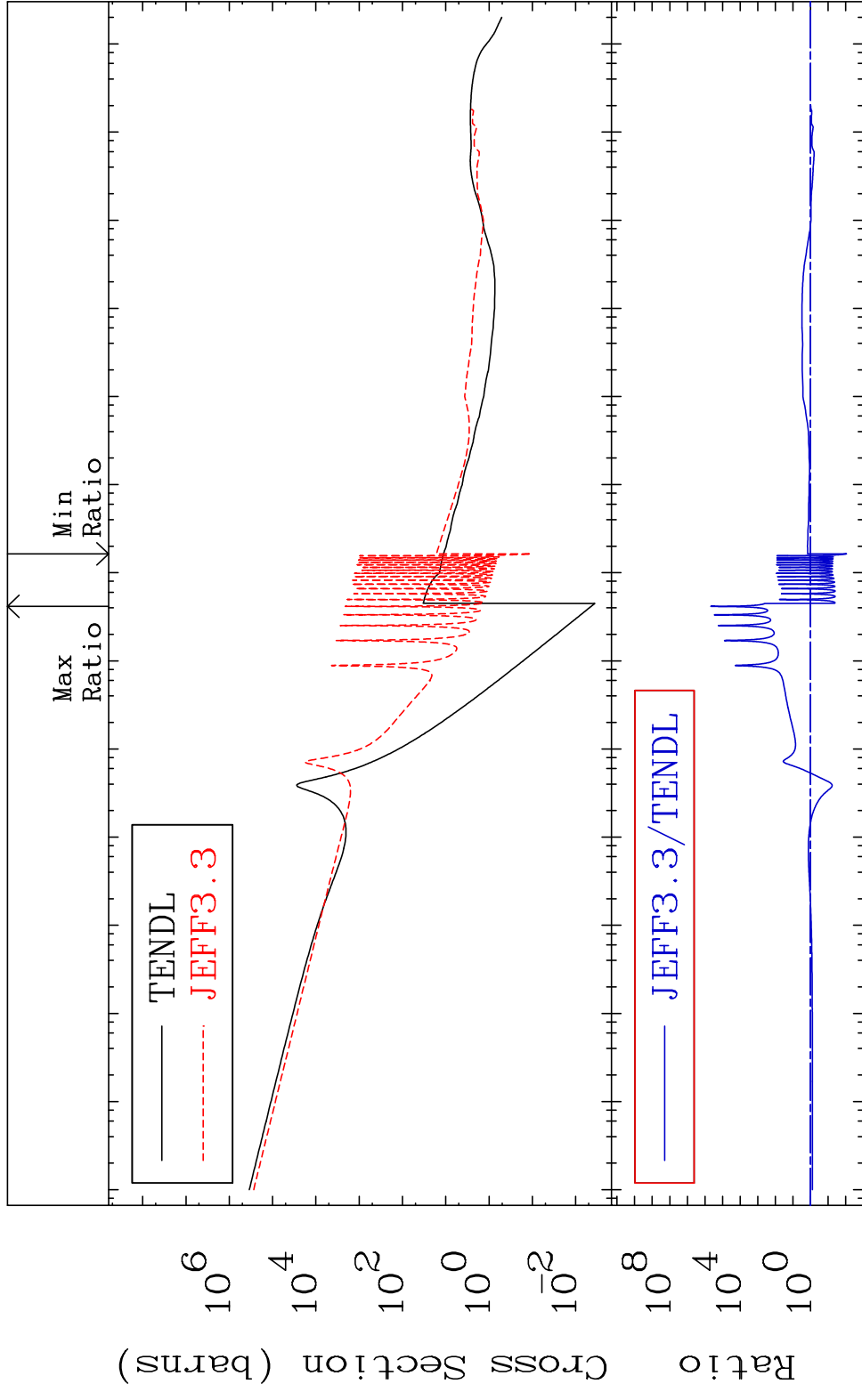
Incident Energy (eV)

98-Cf-251

MAT 9858

Fission Cross Section -99.07 To 9999. %

98-Cf-251

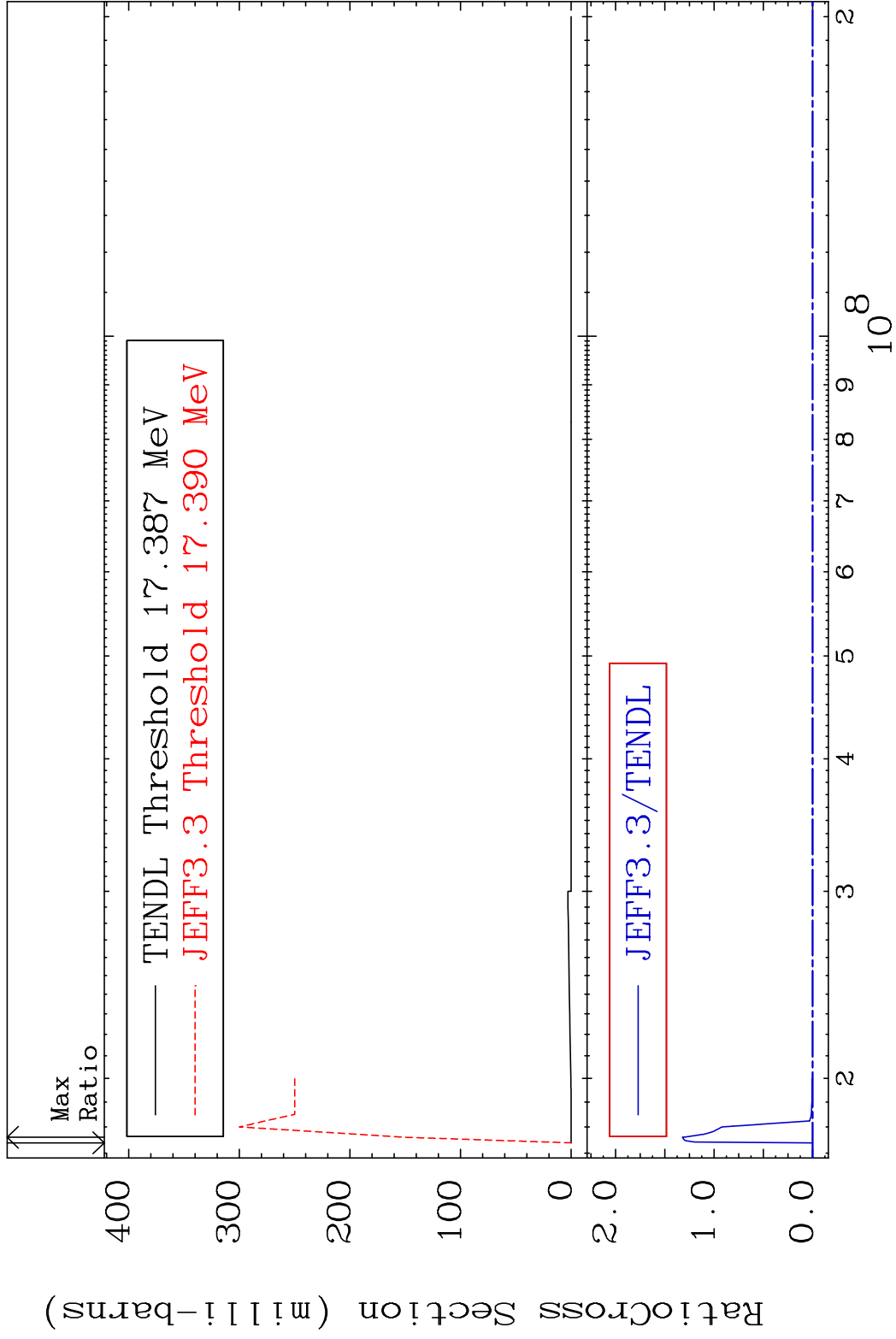


MAT 9858

(n,4n)

98-Cf-251

Cross Section -100.0 To 9999. %



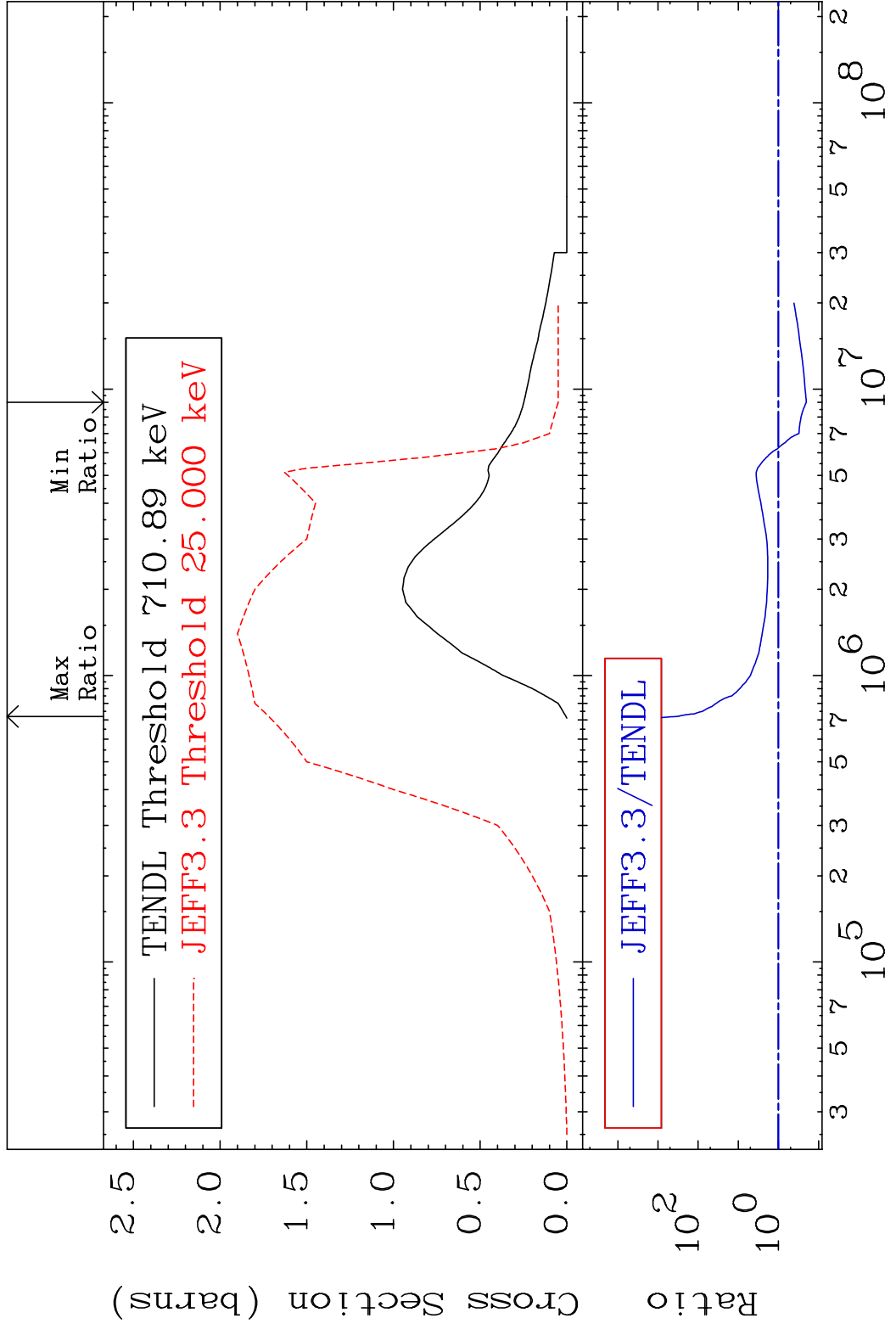
7

Incident Energy (eV)

98-Cf-251

MAT 9858

(n,n') Continuum 98-Cf-251
Cross Section -79.86 To 9999. %

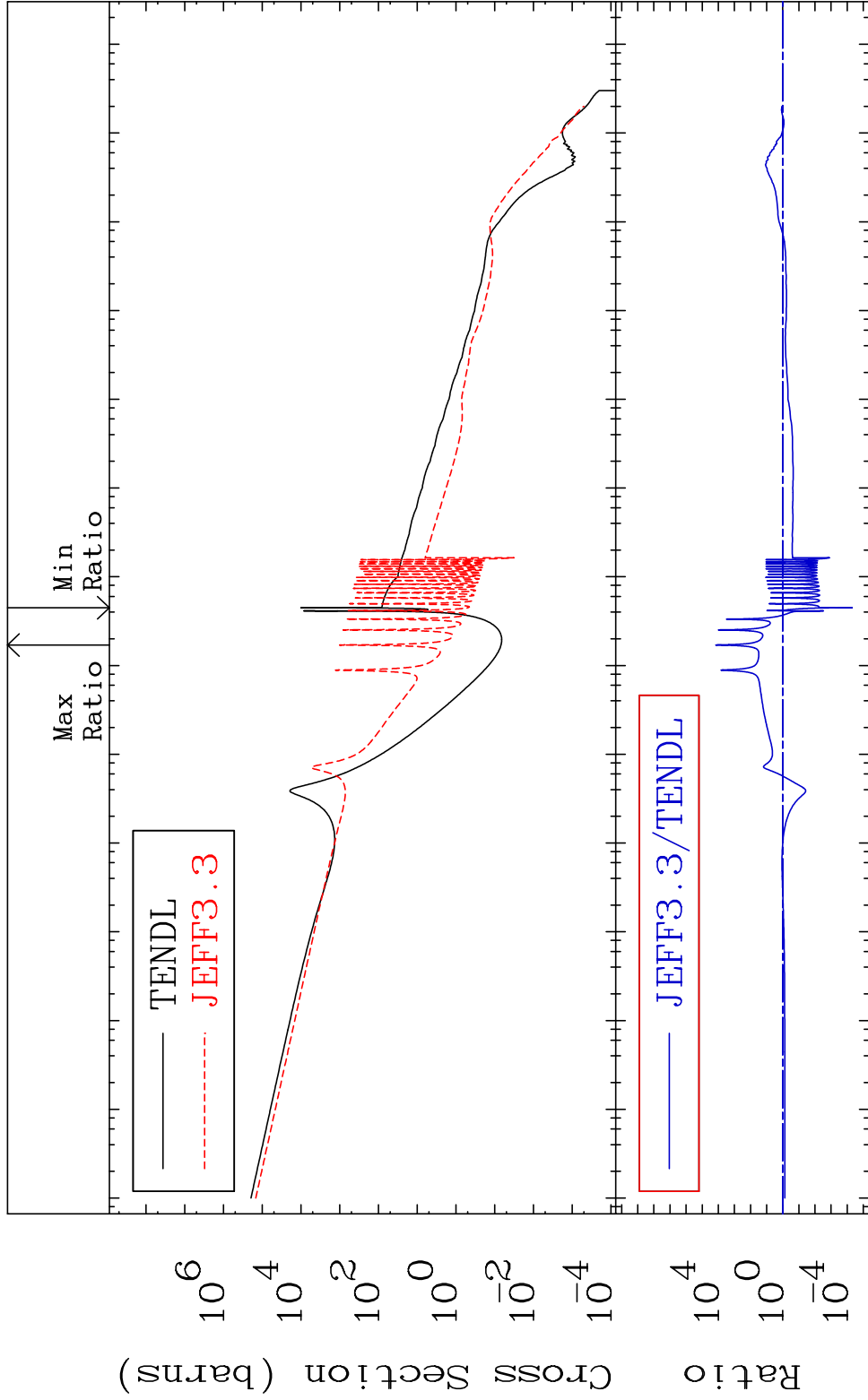


MAT 9858

(n, γ)

98-Cf-251

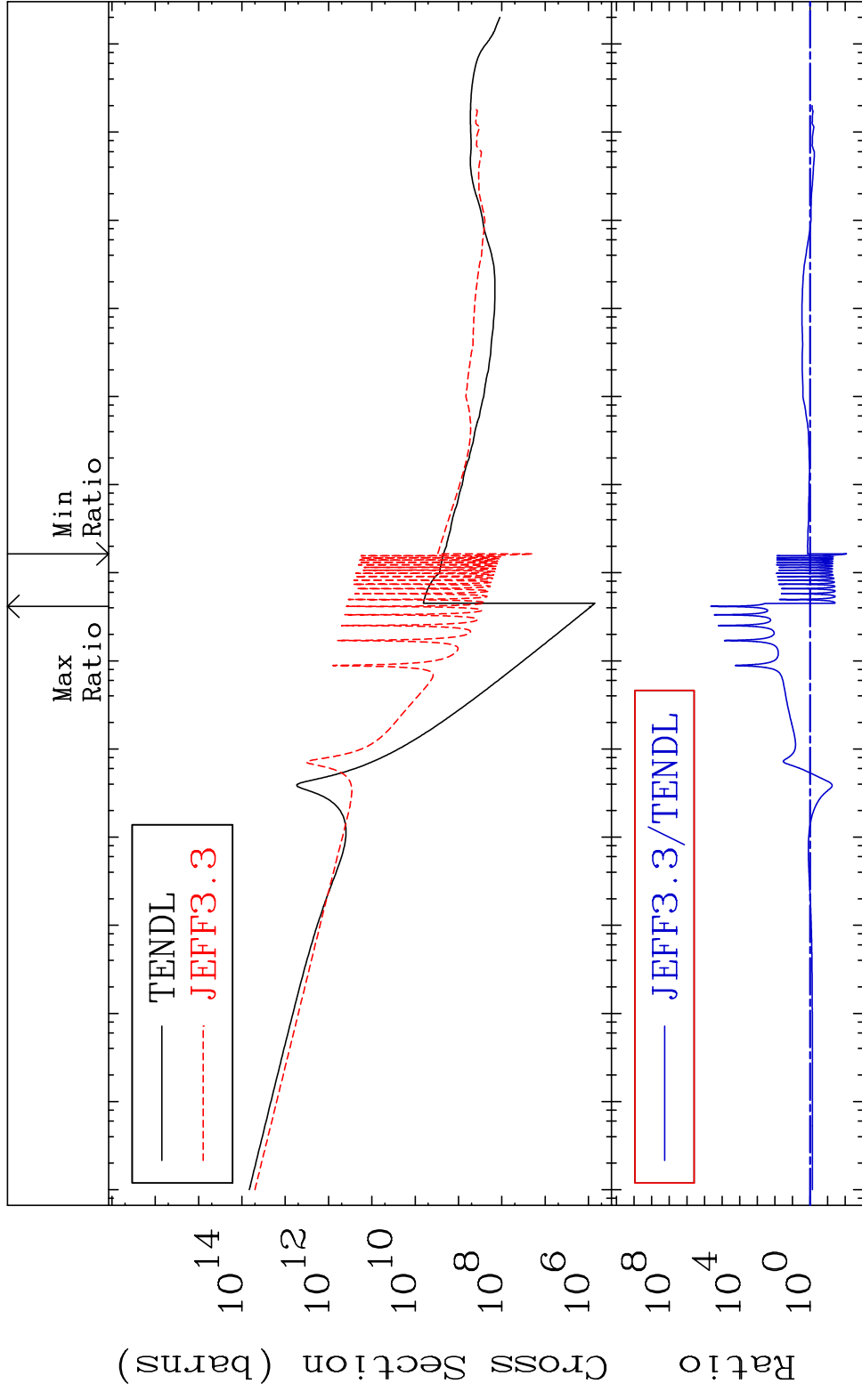
Cross Section -100.0 To 9999. %



MAT 9858

Kerma total (eV-barns) 98-Cf-251

Cross Section -99.13 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

10

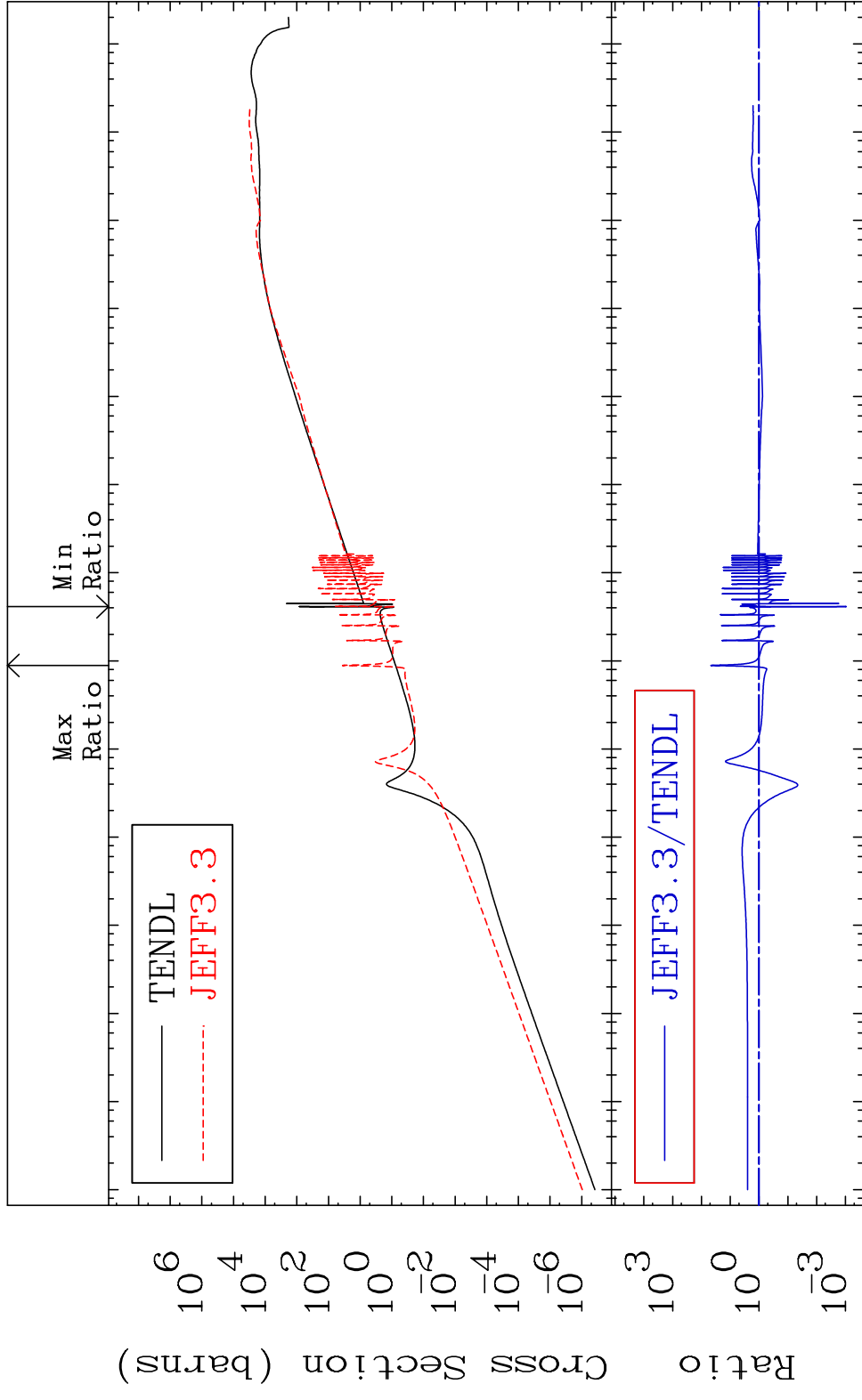
Incident Energy (eV)

98-Cf-251

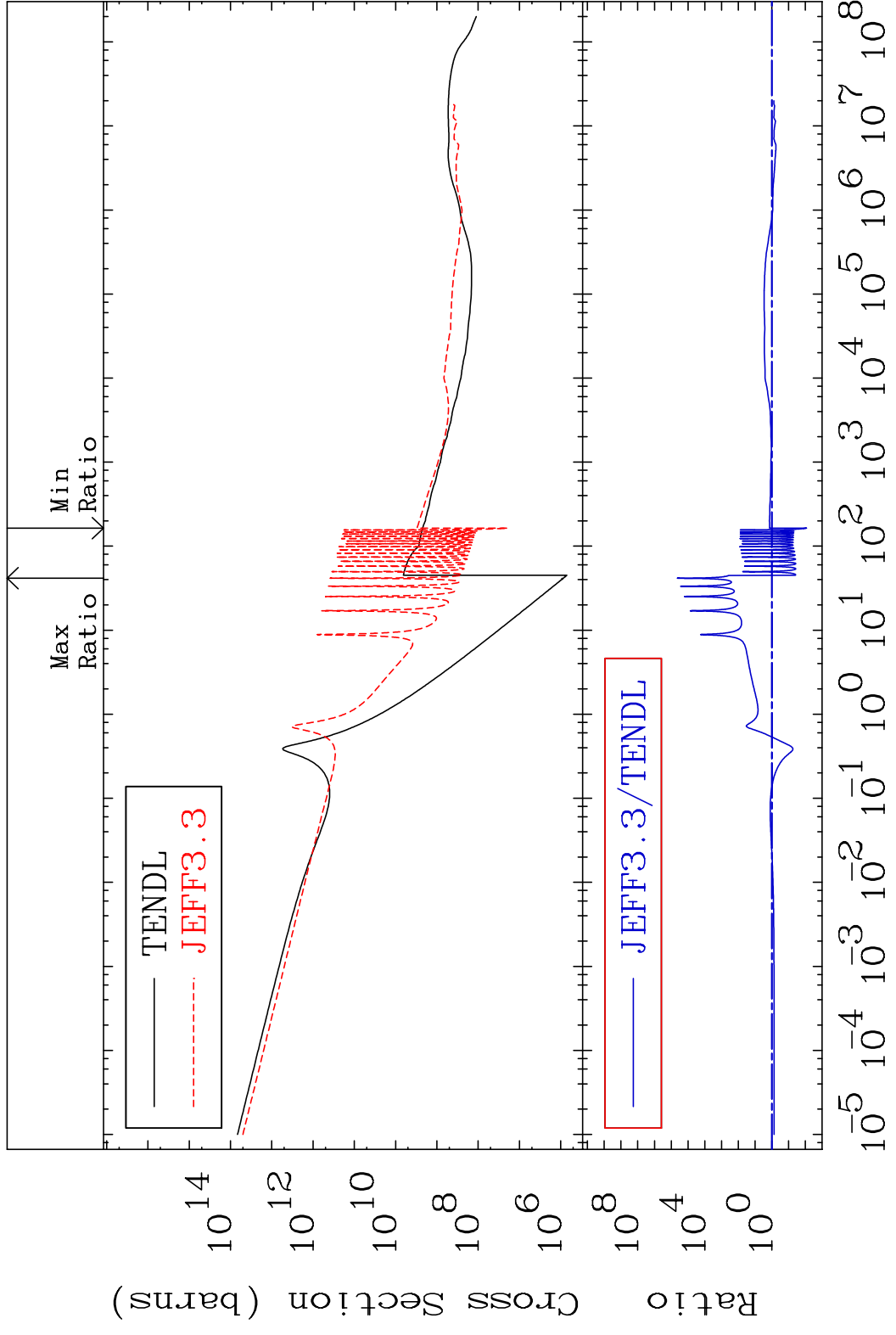
MAT 9858

Kerma elastic Cross Section -99.91 To 4678. %

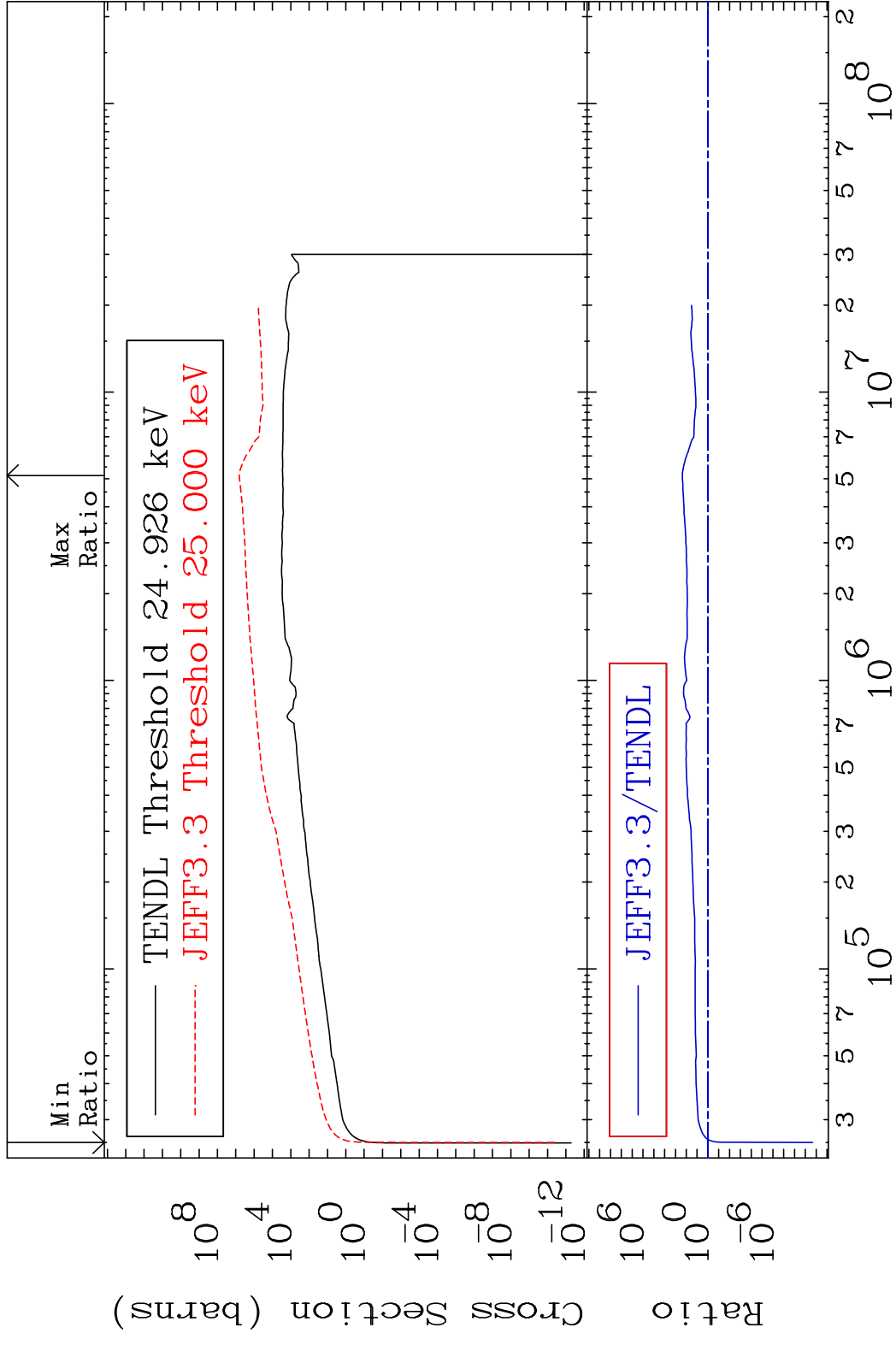
98-Cf-251



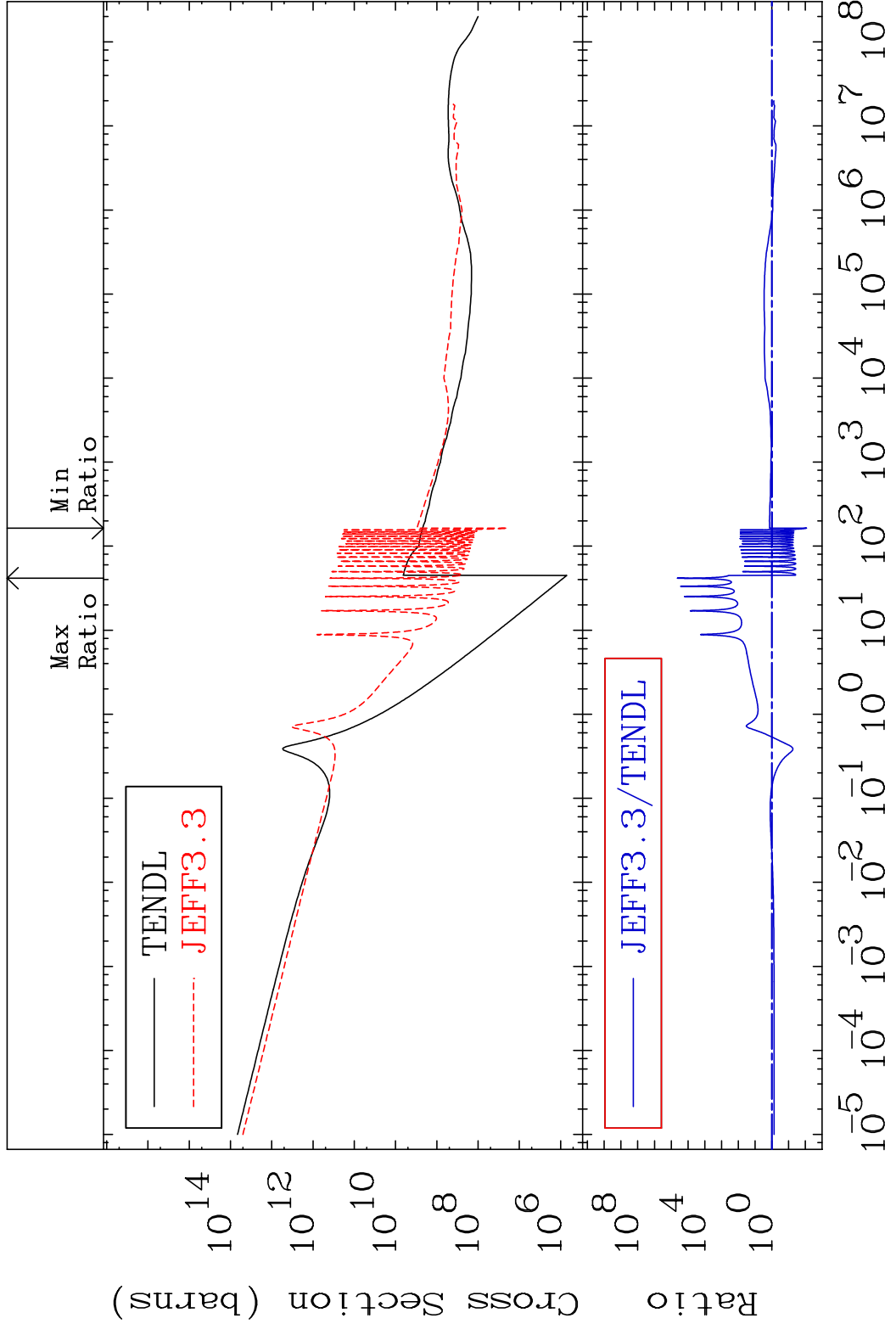
MAT 9858 Kerma non-elastic (all but mt2) 98-Cf-251
 Cross Section -99.13 To 9999. %



MAT 9858 Kerma inelastic (mt51-91) 98-Cf-251
 Cross Section -100.0 To 9999. %

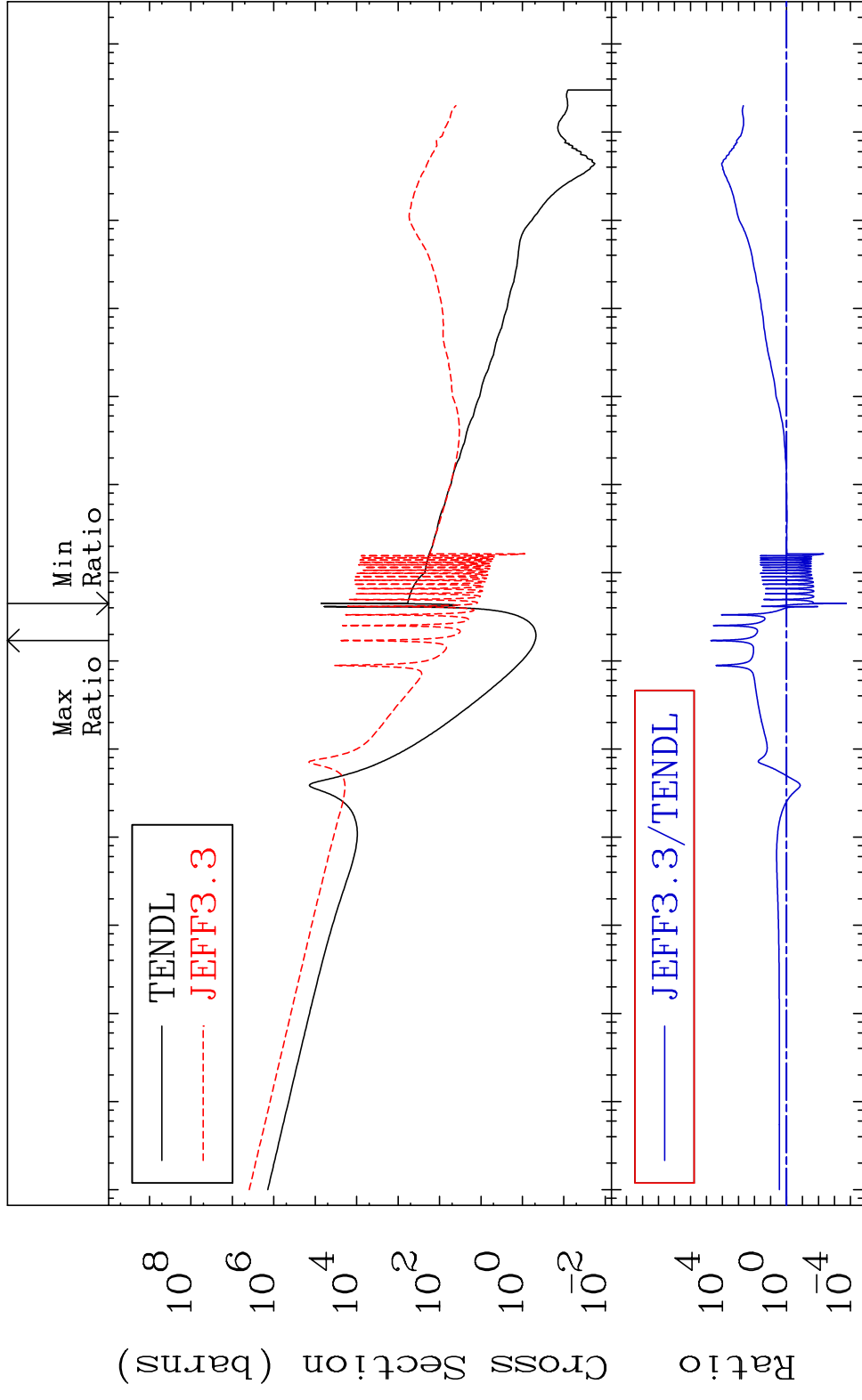


MAT 9858 Kerma fission (mt18 or mt19-20-21-38) 98-Cf-251
 Cross Section -99.13 To 9999. %



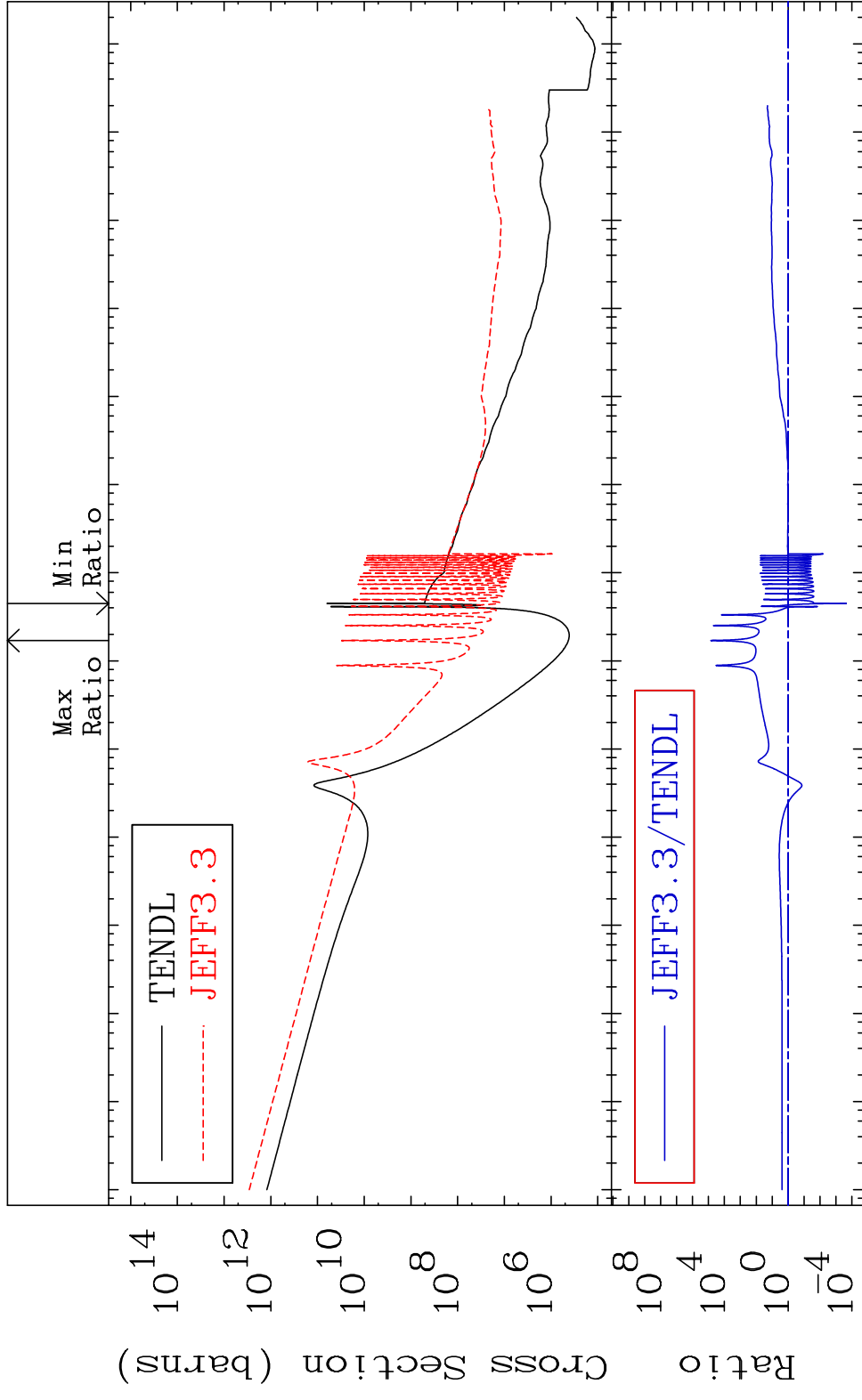
MAT 9858

Kerma capture (mt102) 98-Cf-251
Cross Section -99.98 To 9999. %

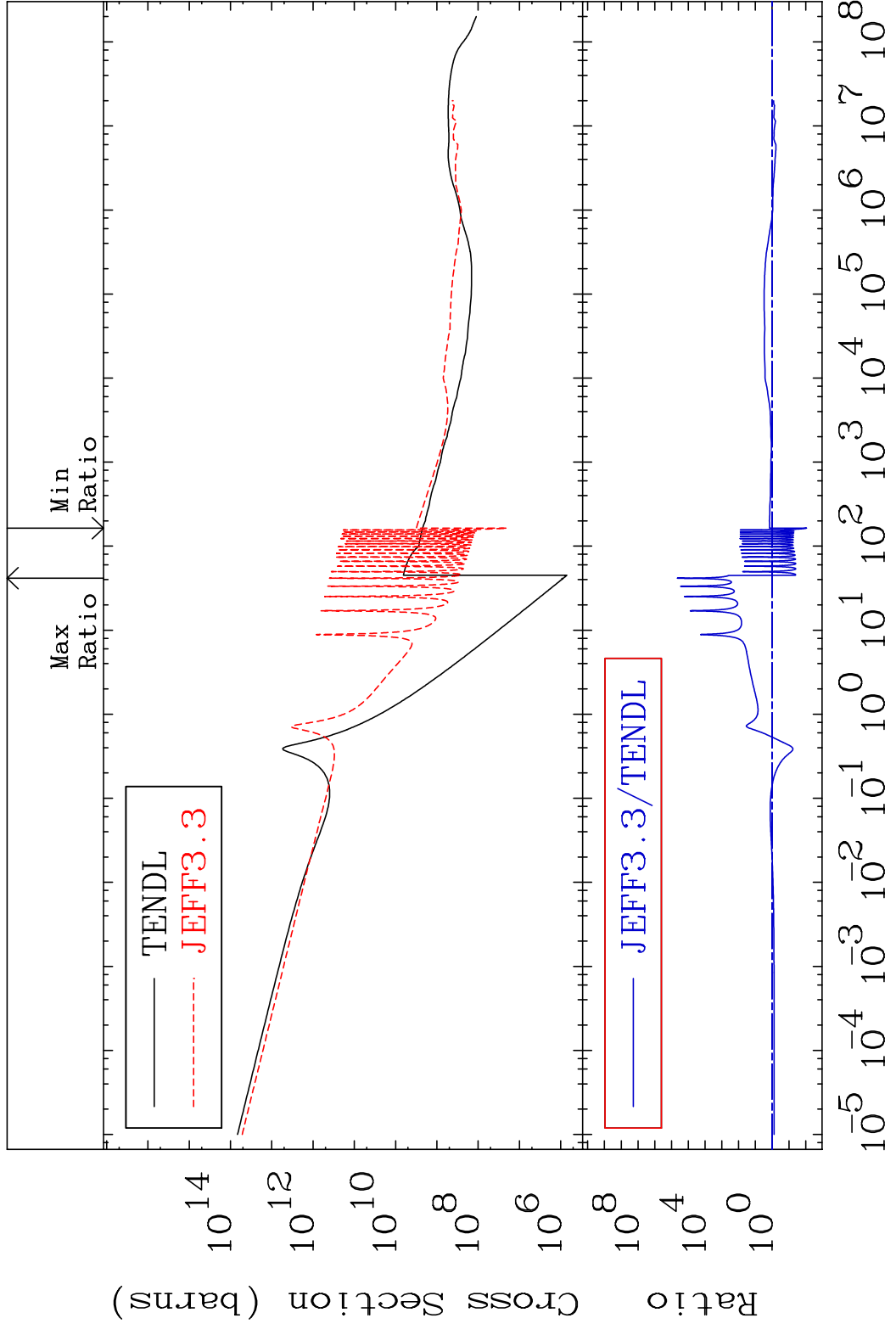


MAT 9858

Total photon (eV-barns) 98-Cf-251
Cross Section -99.98 To 9999. %



MAT 9858 Total kinematic kerma (high limit) 98-Cf-251
 Cross Section -99.09 To 9999. %

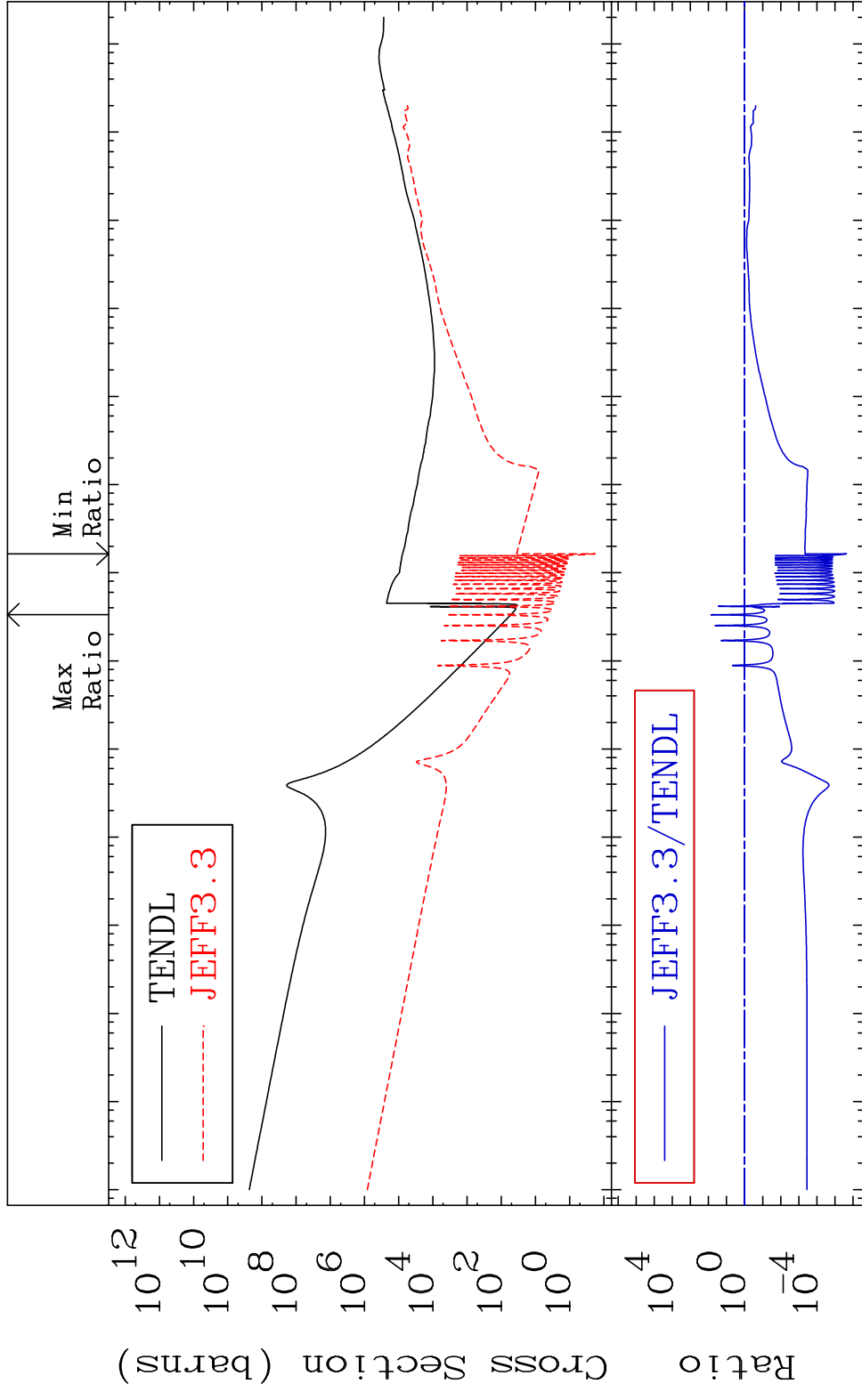


MAT 9858

Dpa total (eV-barns)

98-Cf-251

Cross Section -100.0 To 7375. %

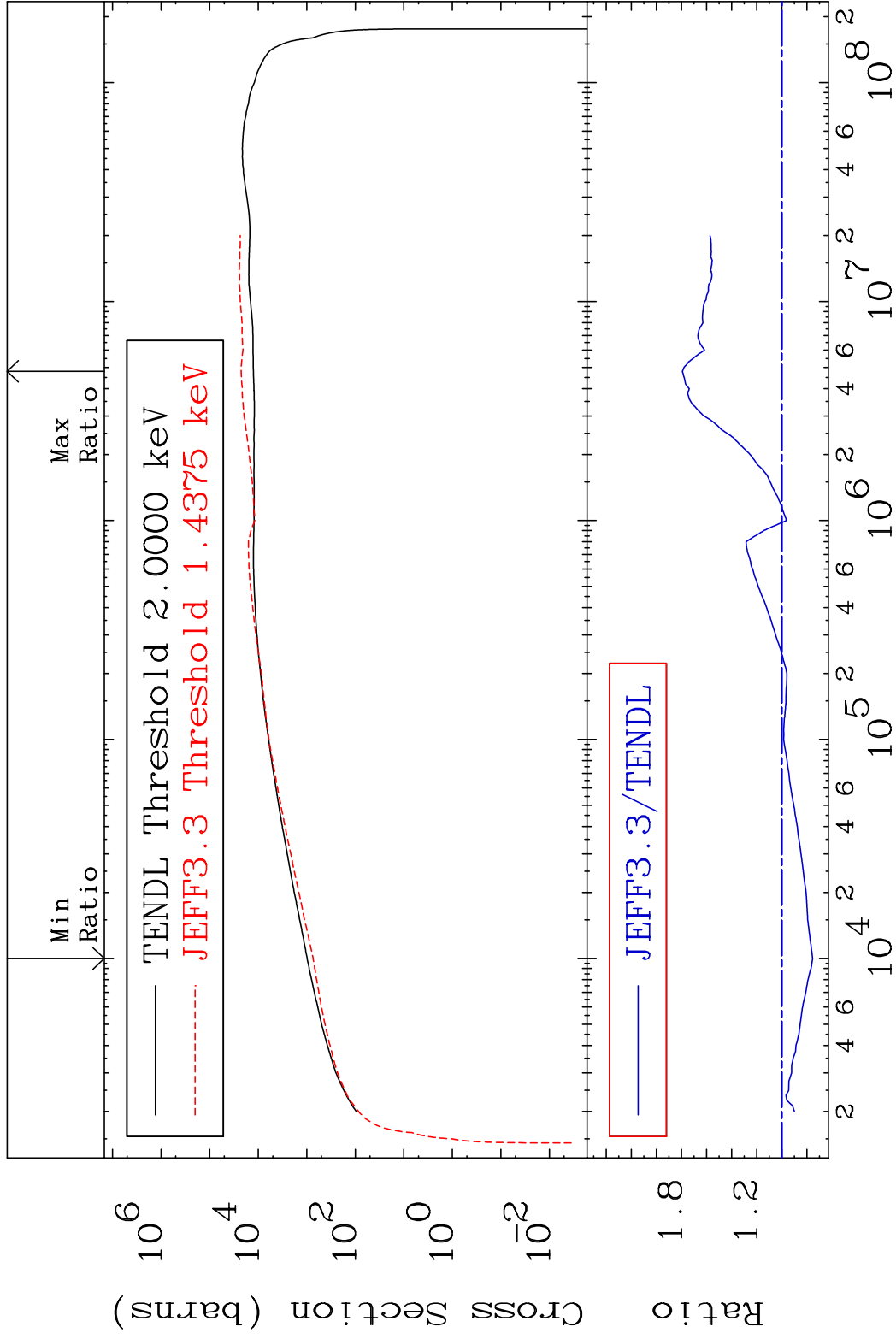


MAT 9858

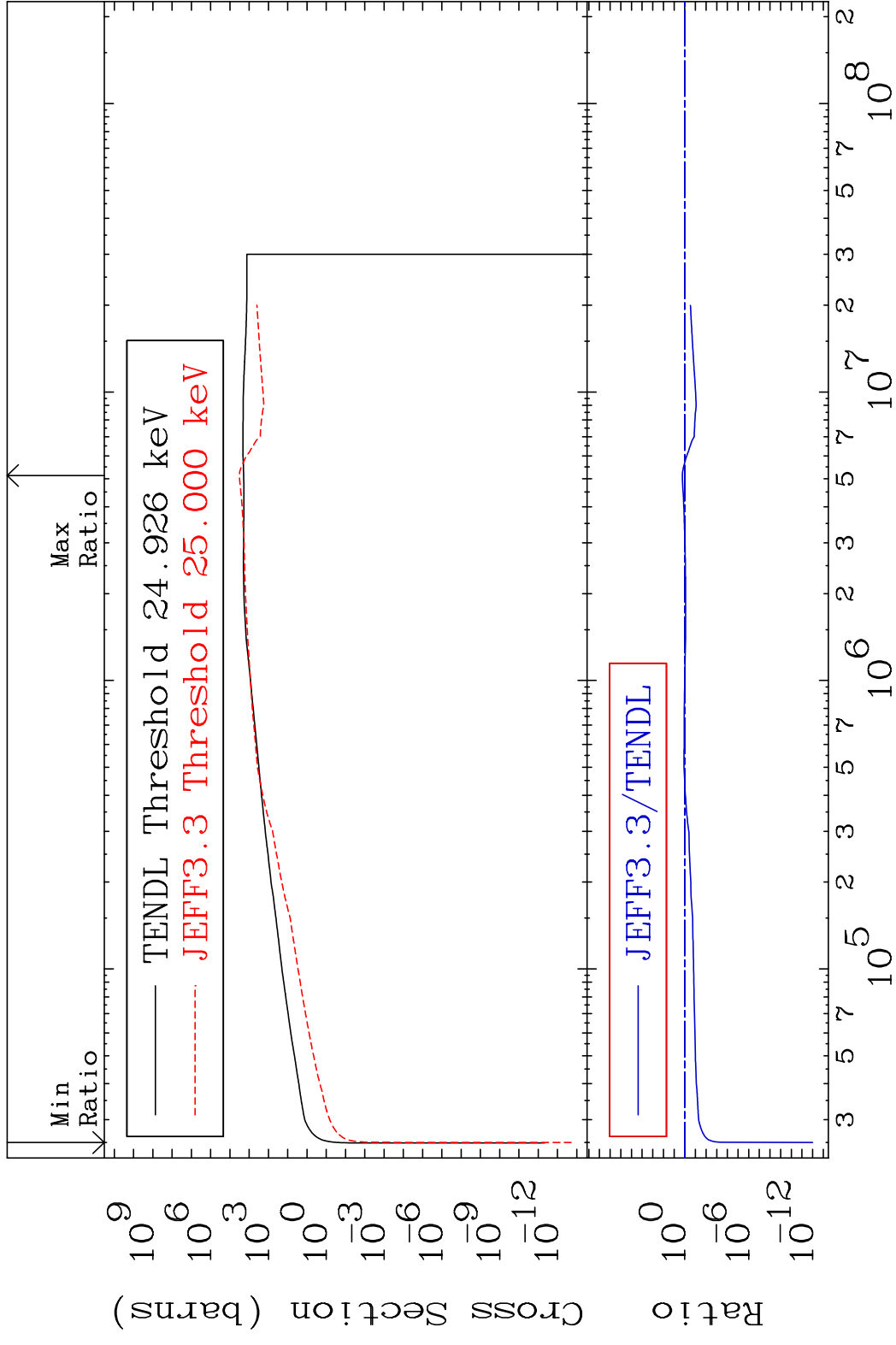
Dpa elastic (mt2)

98-Cf-251

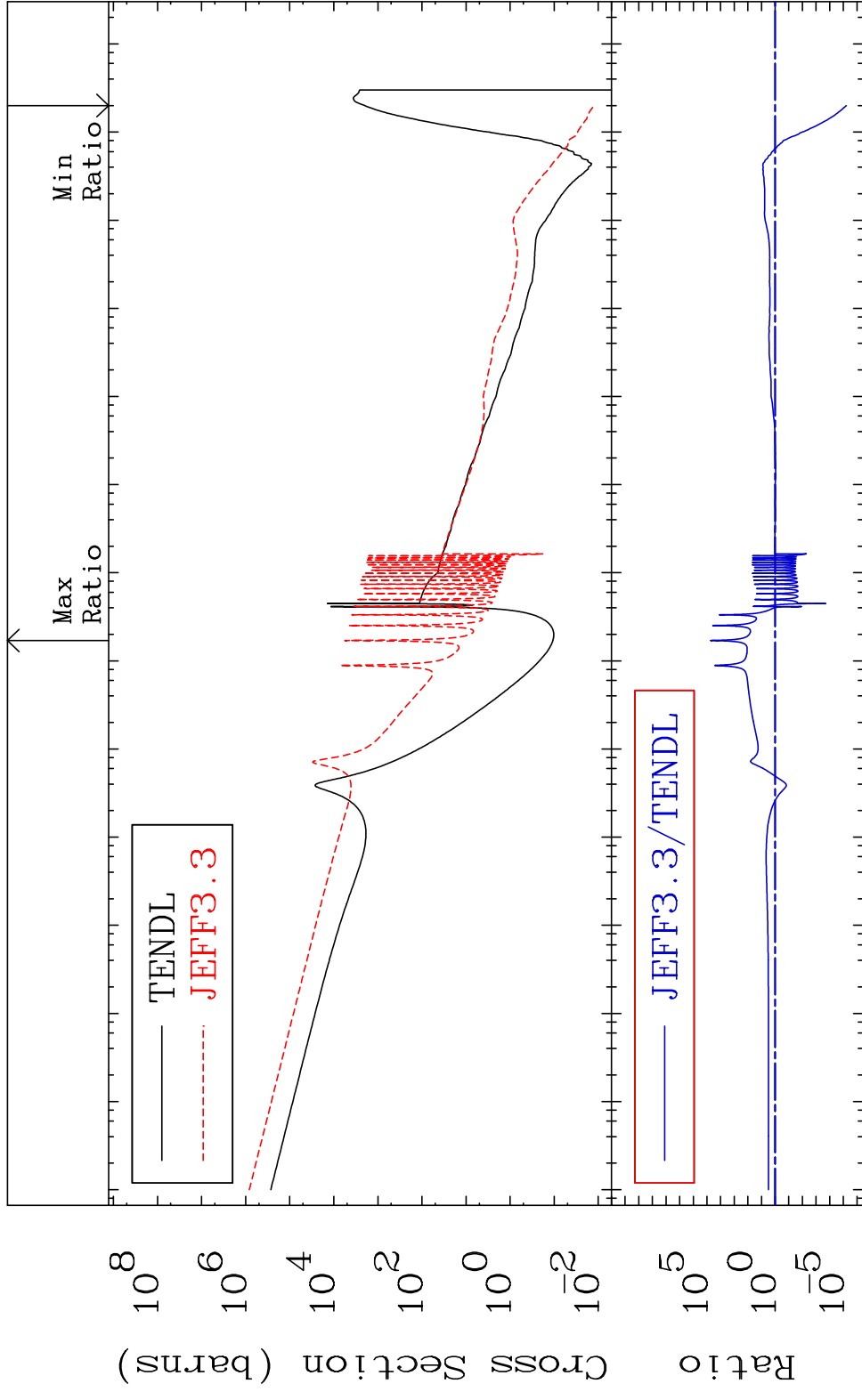
Cross Section -24.52 To 79.28 %



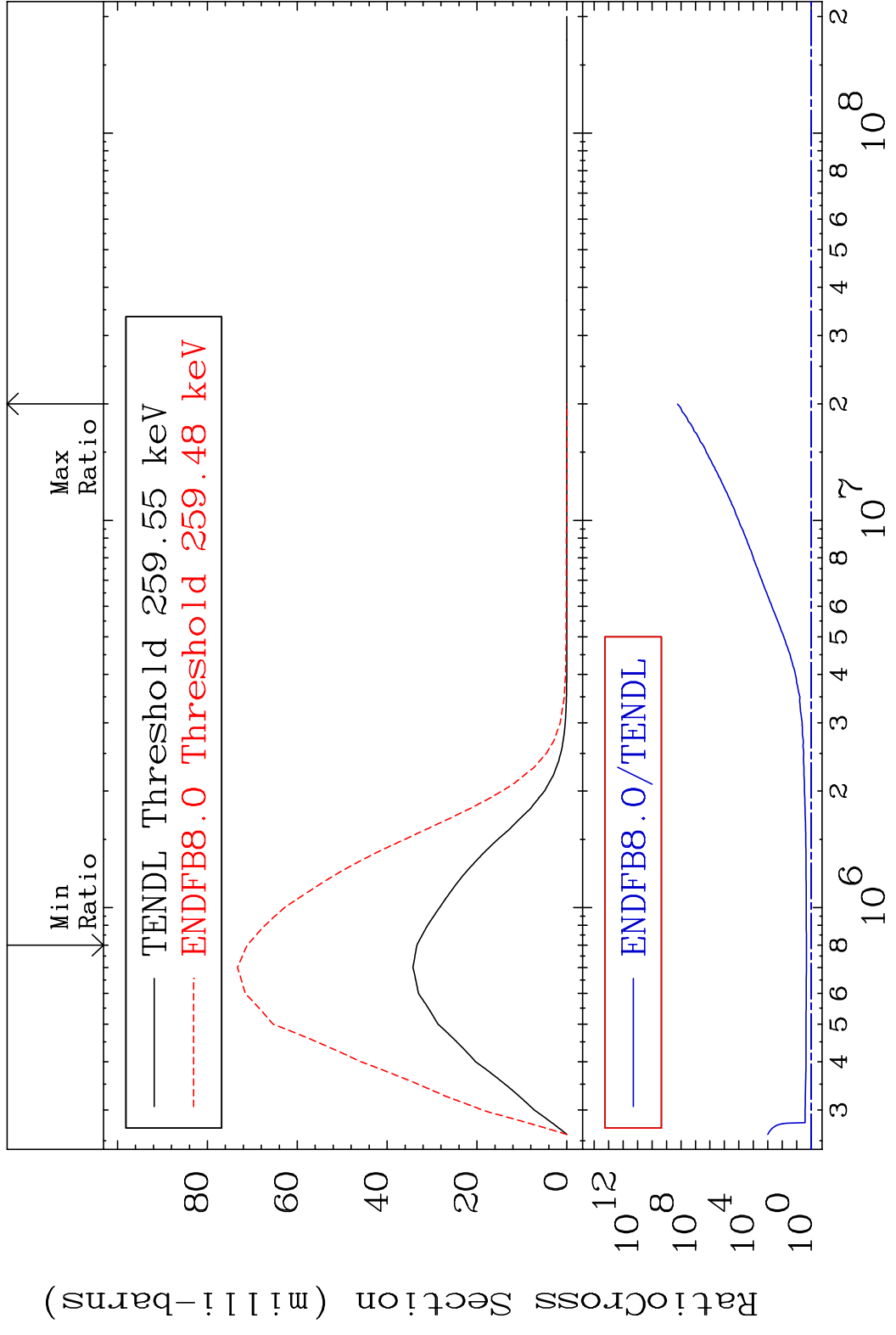
MAT 9858 Dpa inelastic (mt51-91) 98-Cf-251
 Cross Section -100.0 To 67.45 %



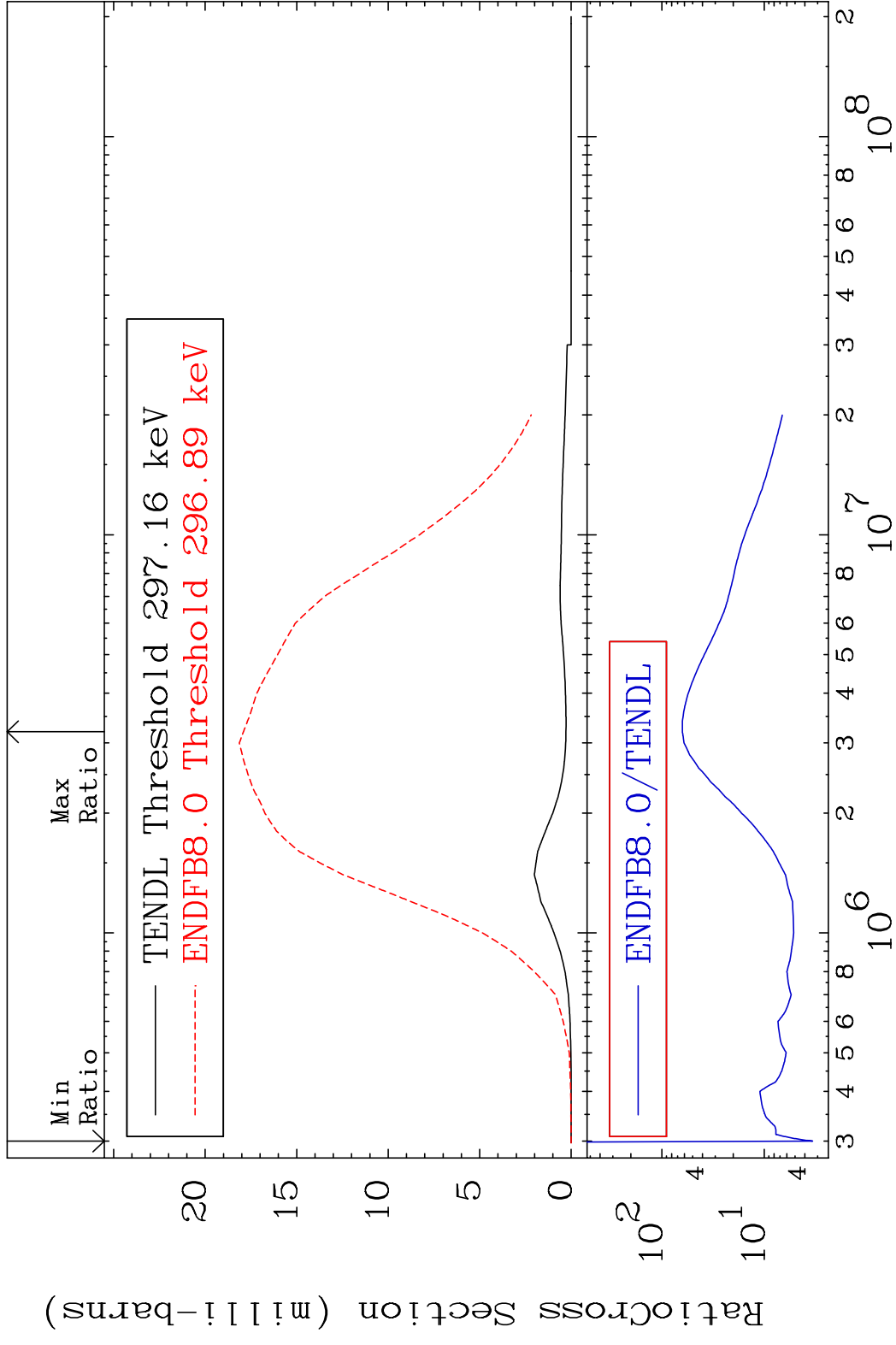
MAT 9858 Dpa disappearance (mt102 -120) 98-Cf-251
 Cross Section -100.0 To 9999. %



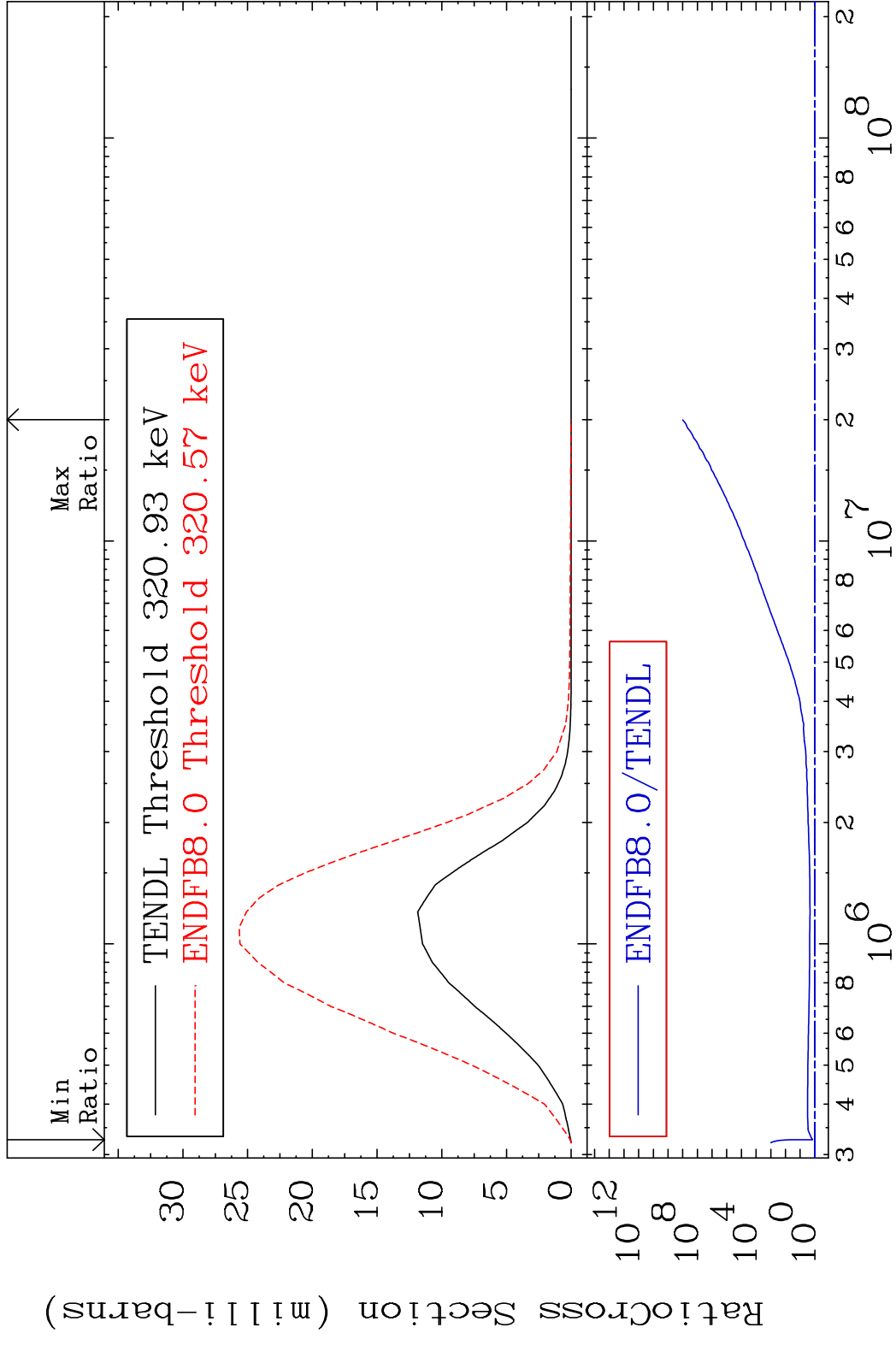
MAT 9858 MT= 61 (n,n') Level 98-Cf-251
 Cross Section 113.1 To 9999. %



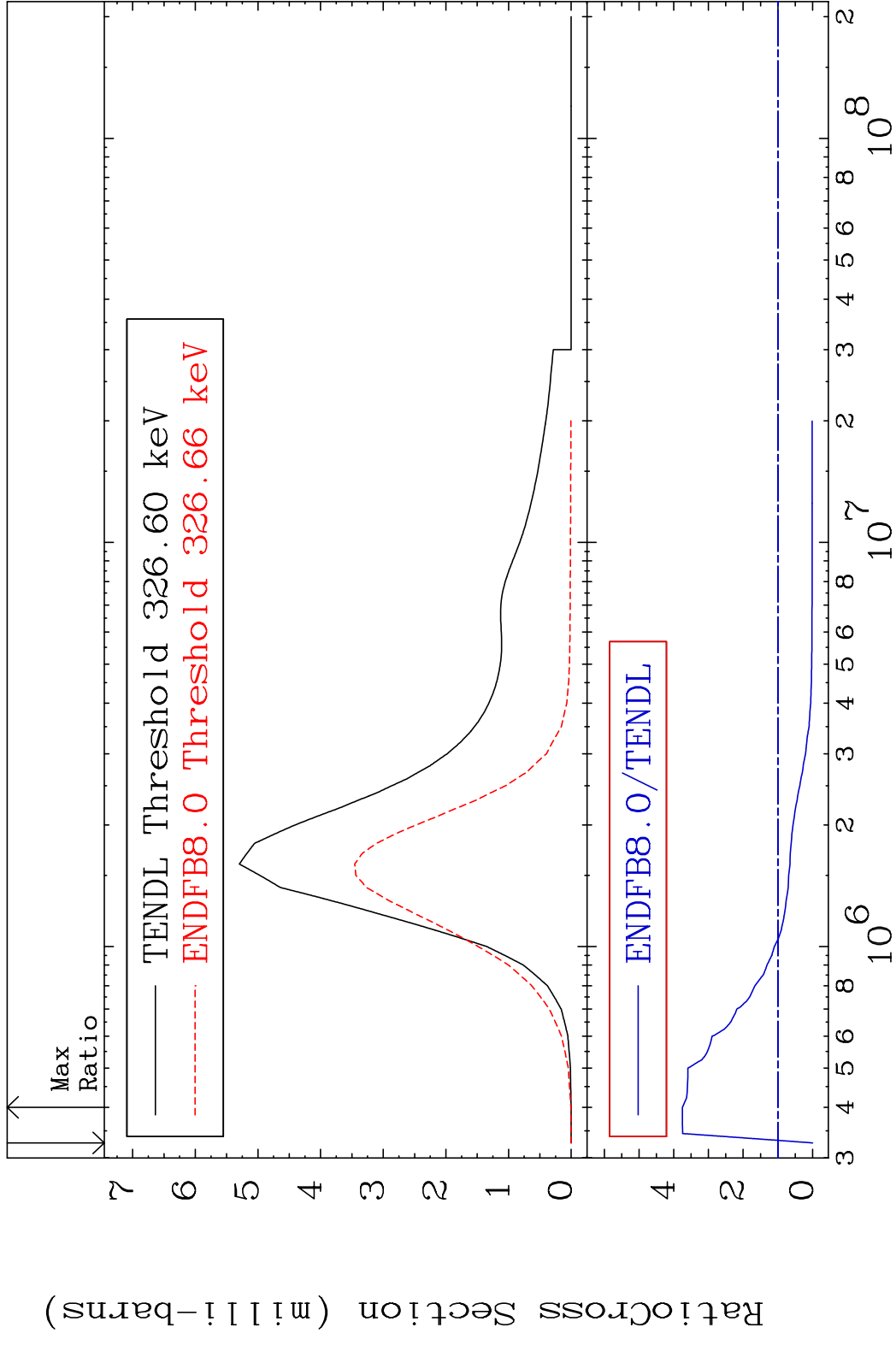
MAT 9858 MT= 62 (n, n') Level 98-Cf-251
 Cross Section 236.8 To 6194. %



MAT 9858 MT= 63 (n,n') Level 98-Cf-251
 Cross Section 42.34 To 9999. %

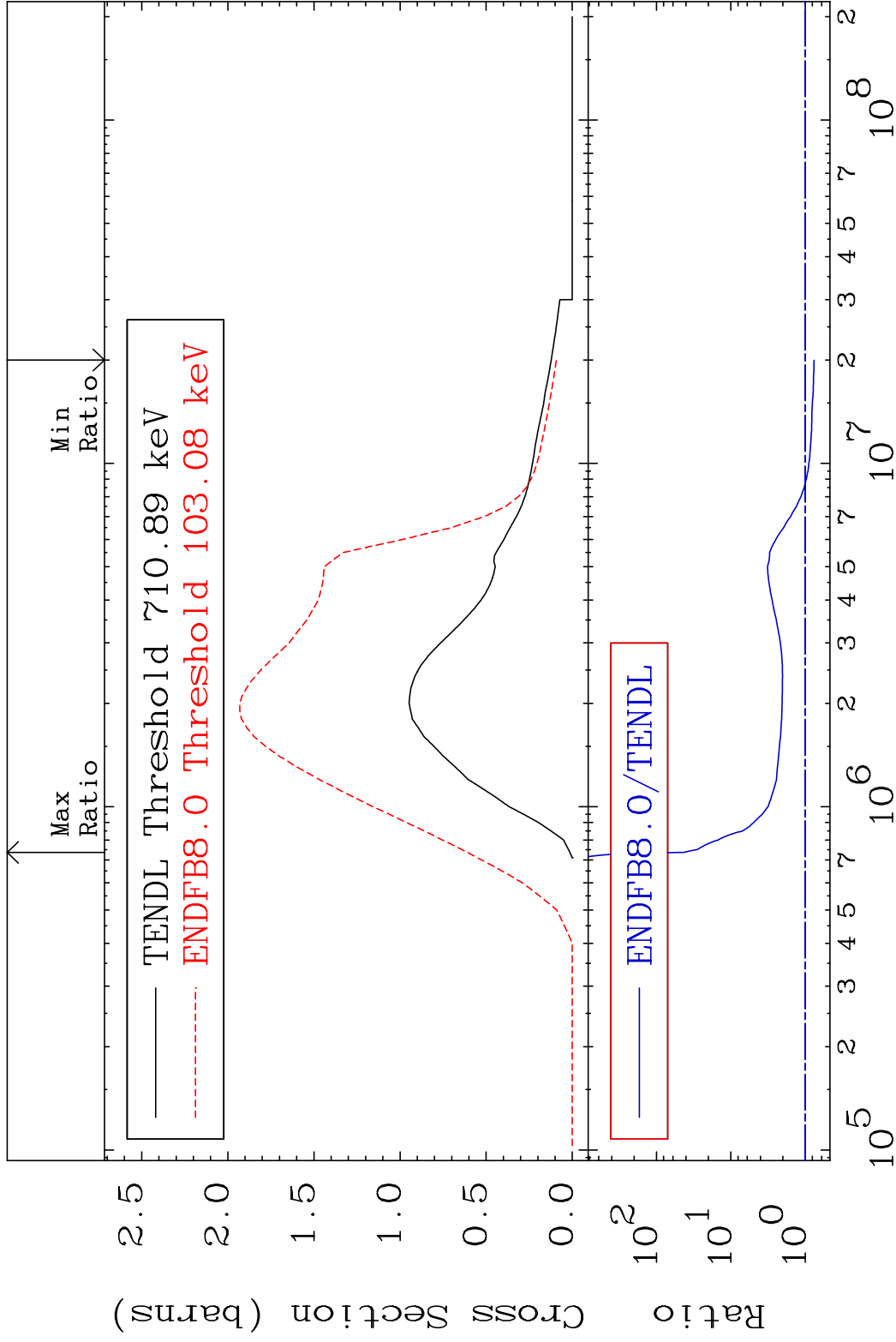


MAT 9858 MT= 64 (n,n') Level 98-Cf-251
 Cross Section -100.0 To 275.2 %



MAT 9858

(n, n') Continuum 98-Cf-251
Cross Section -24.25 To 4207. %



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Incident Energy (eV)

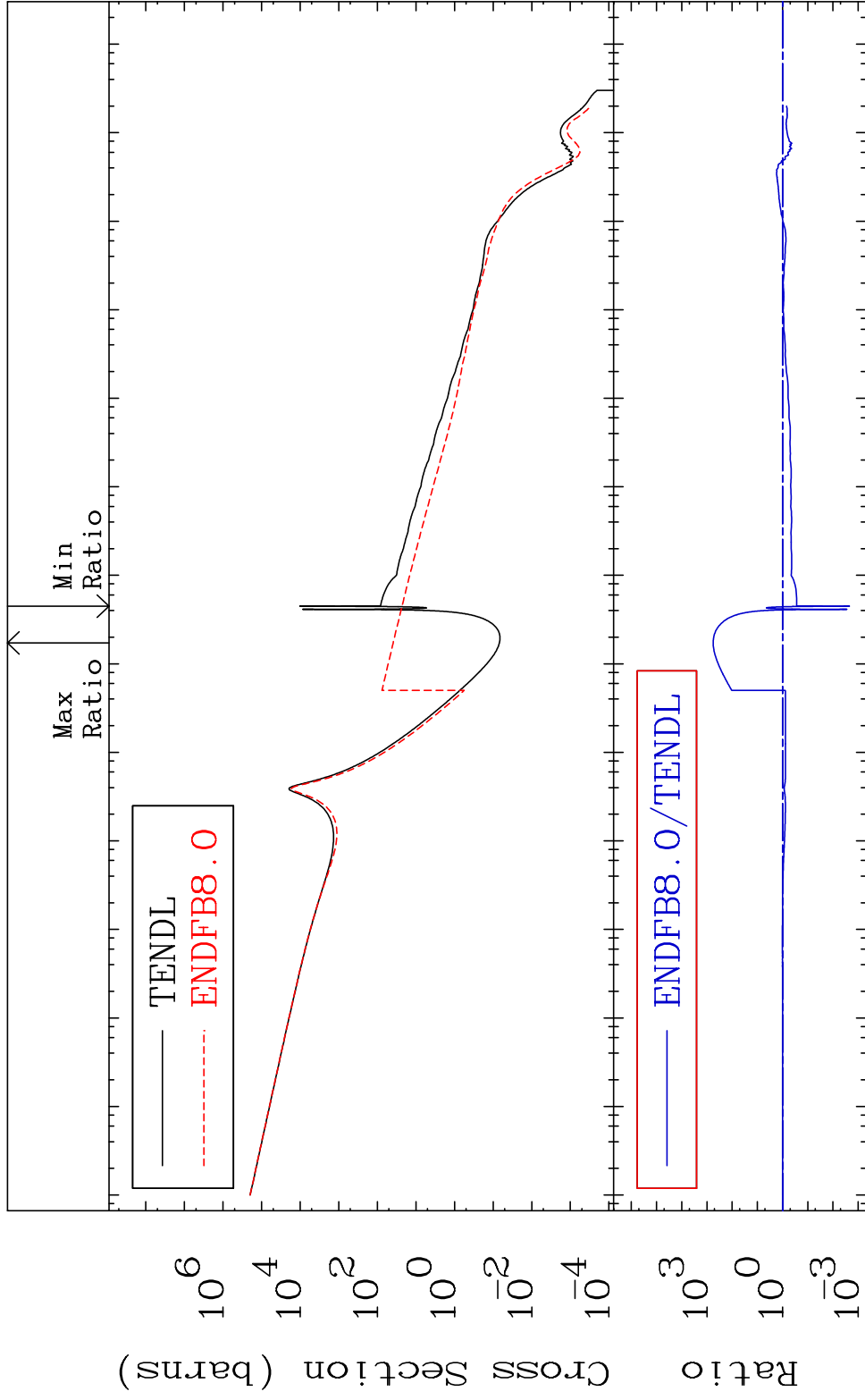
98-Cf-251

MAT 9858

(n, γ)

98-Cf-251

Cross Section -99.77 To 9999. %

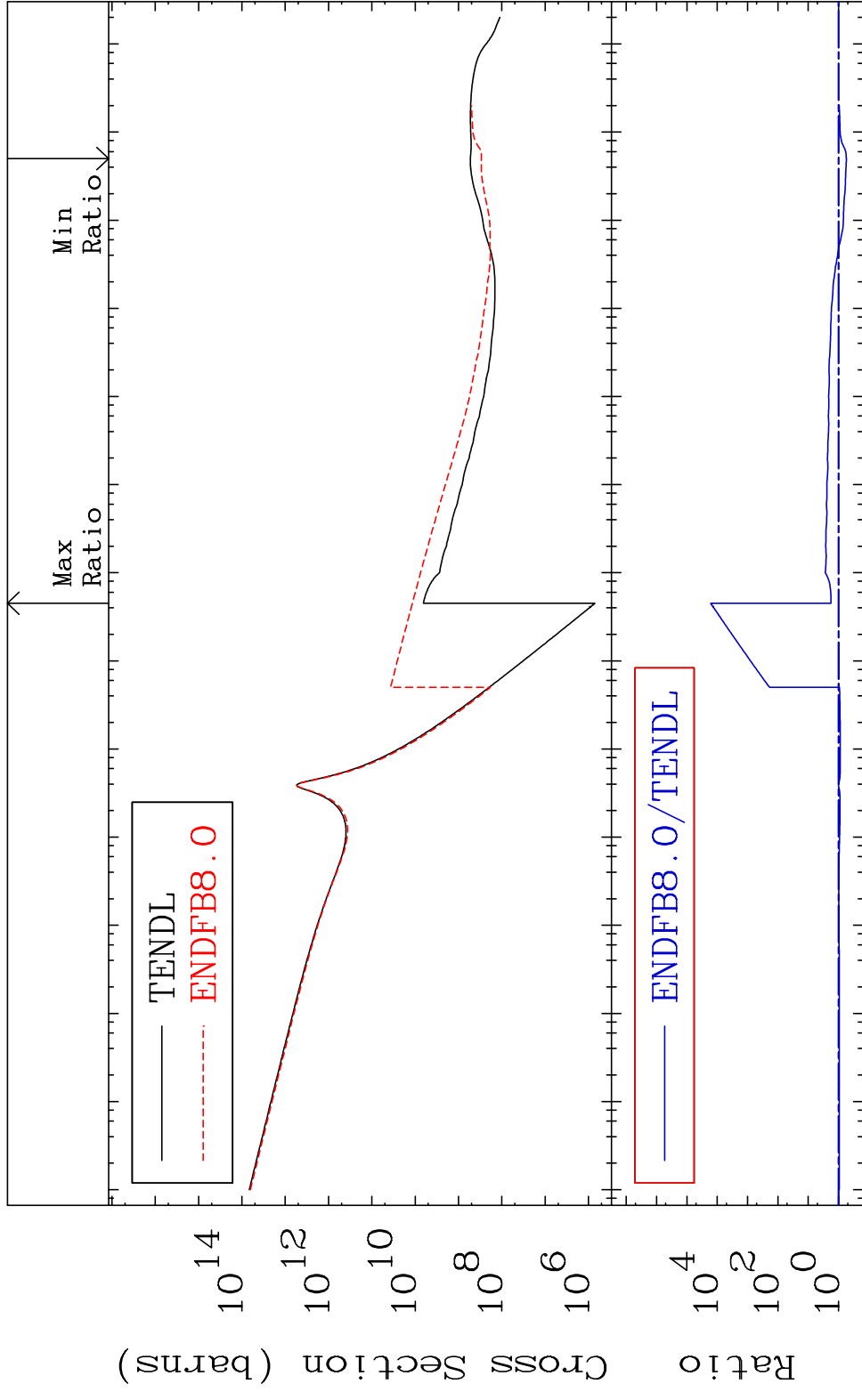


27

Incident Energy (eV)

98-Cf-251

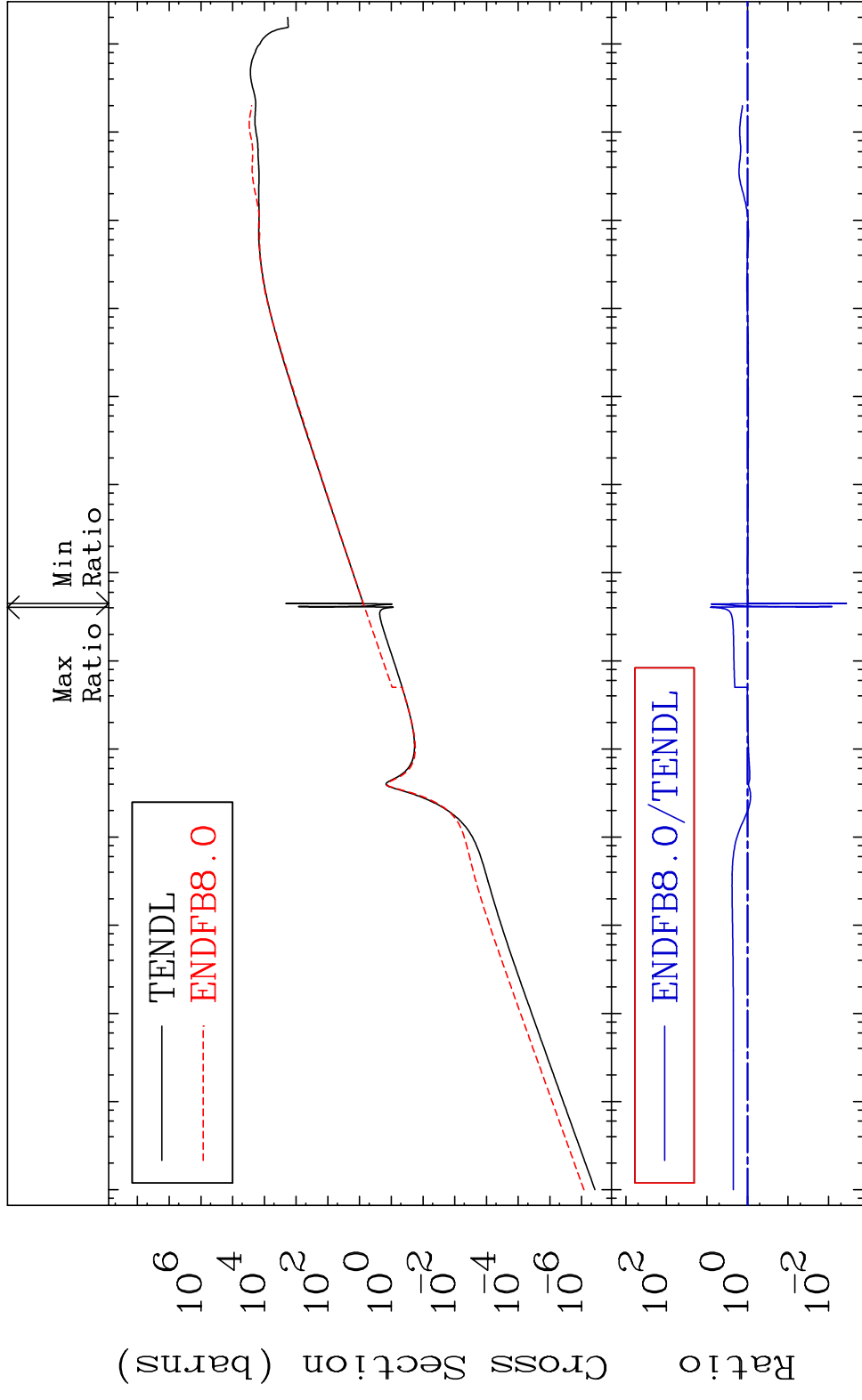
MAT 9858 Kerma total (eV-barns) 98-Cf-251
 Cross Section -44.54 To 9999. %



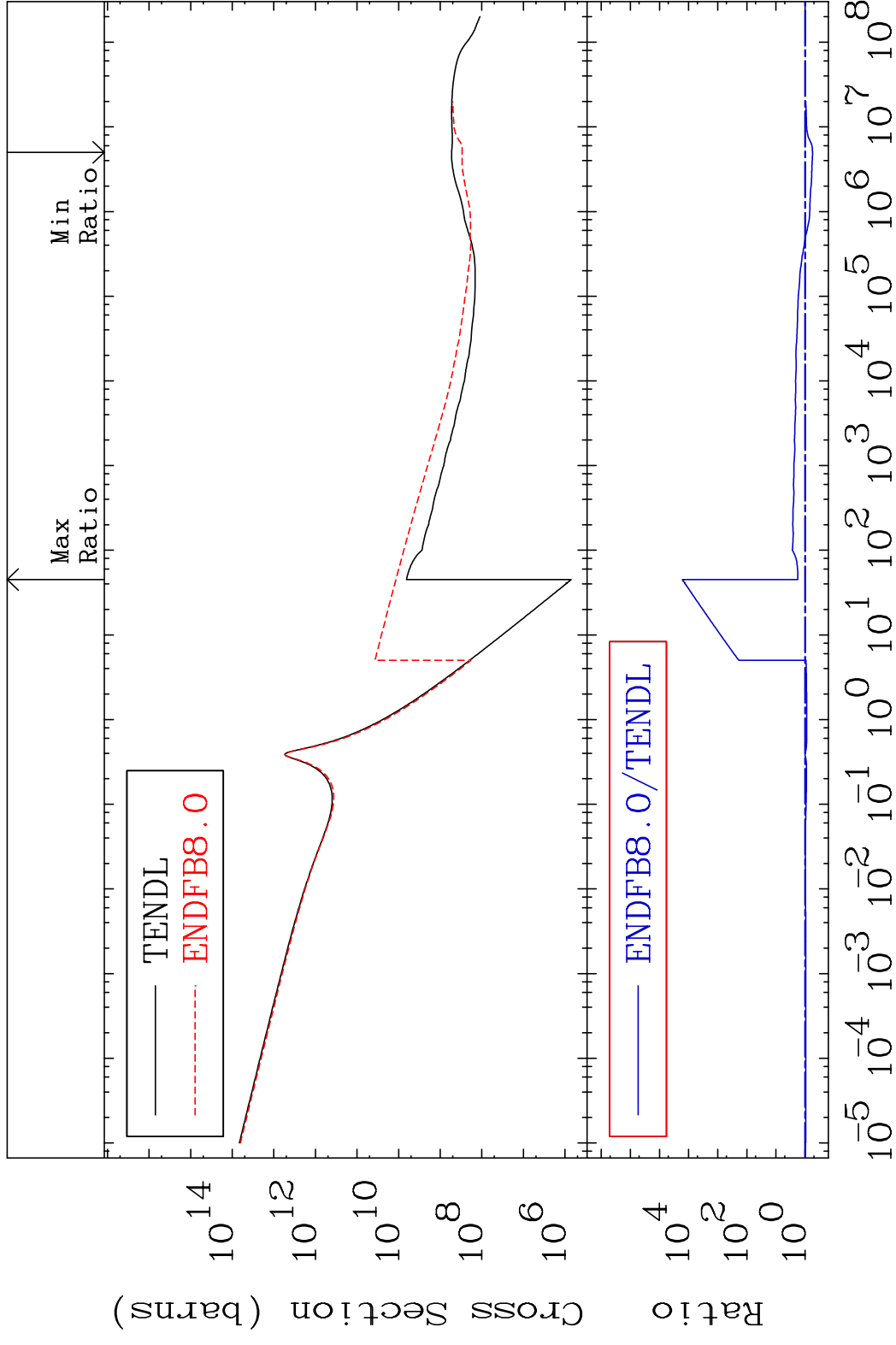
MAT 9858

Kerma elastic
Cross Section -99.63 To 707.8 %

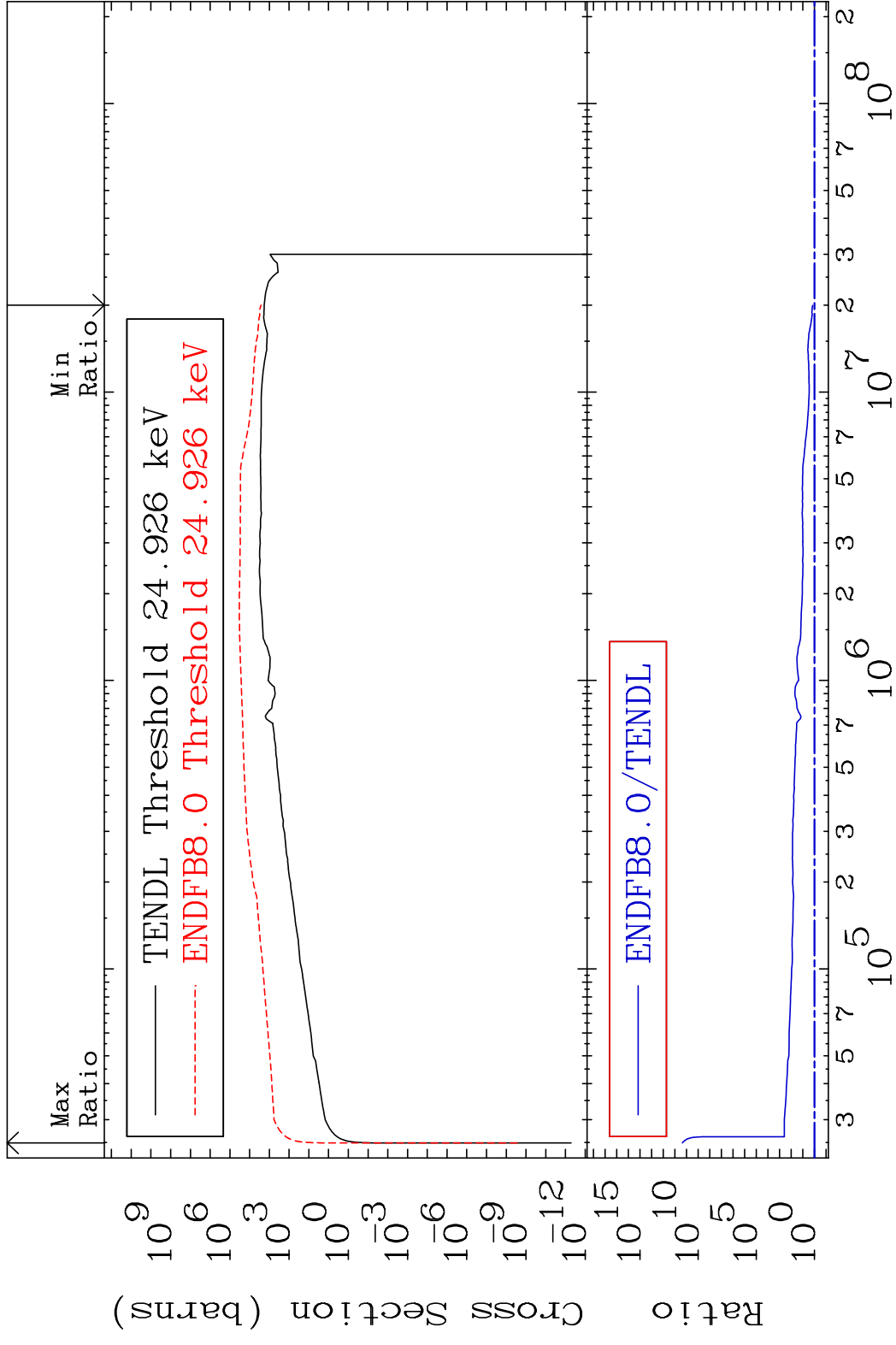
98-Cf-251



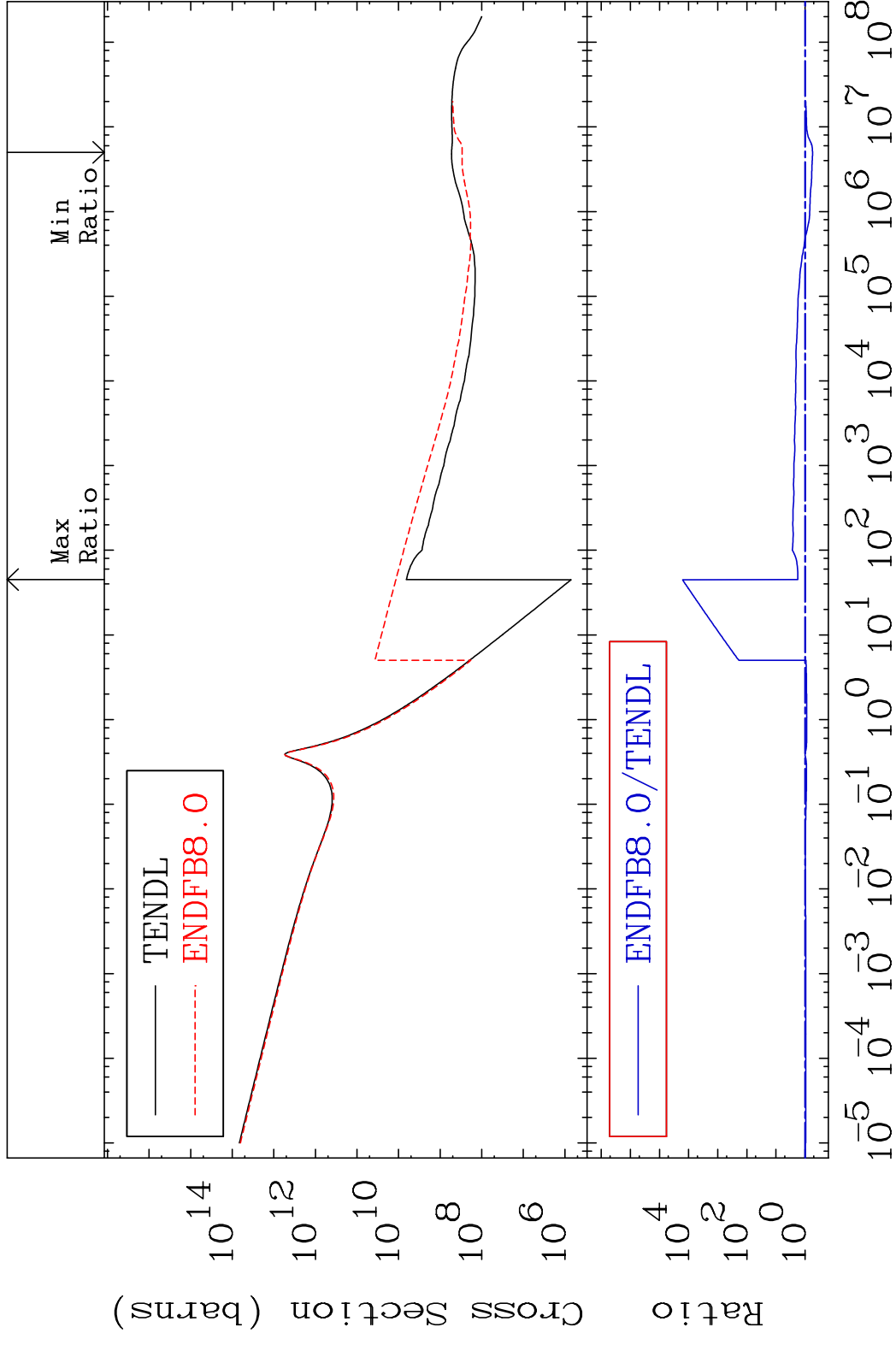
MAT 9858 Kerma non-elastic (all but mt2) 98-Cf-251
 Cross Section -44.54 To 9999. %



MAT 9858 Kerma inelastic (mt51-91) 98-Cf-251
 Cross Section 47.33 To 9999. %

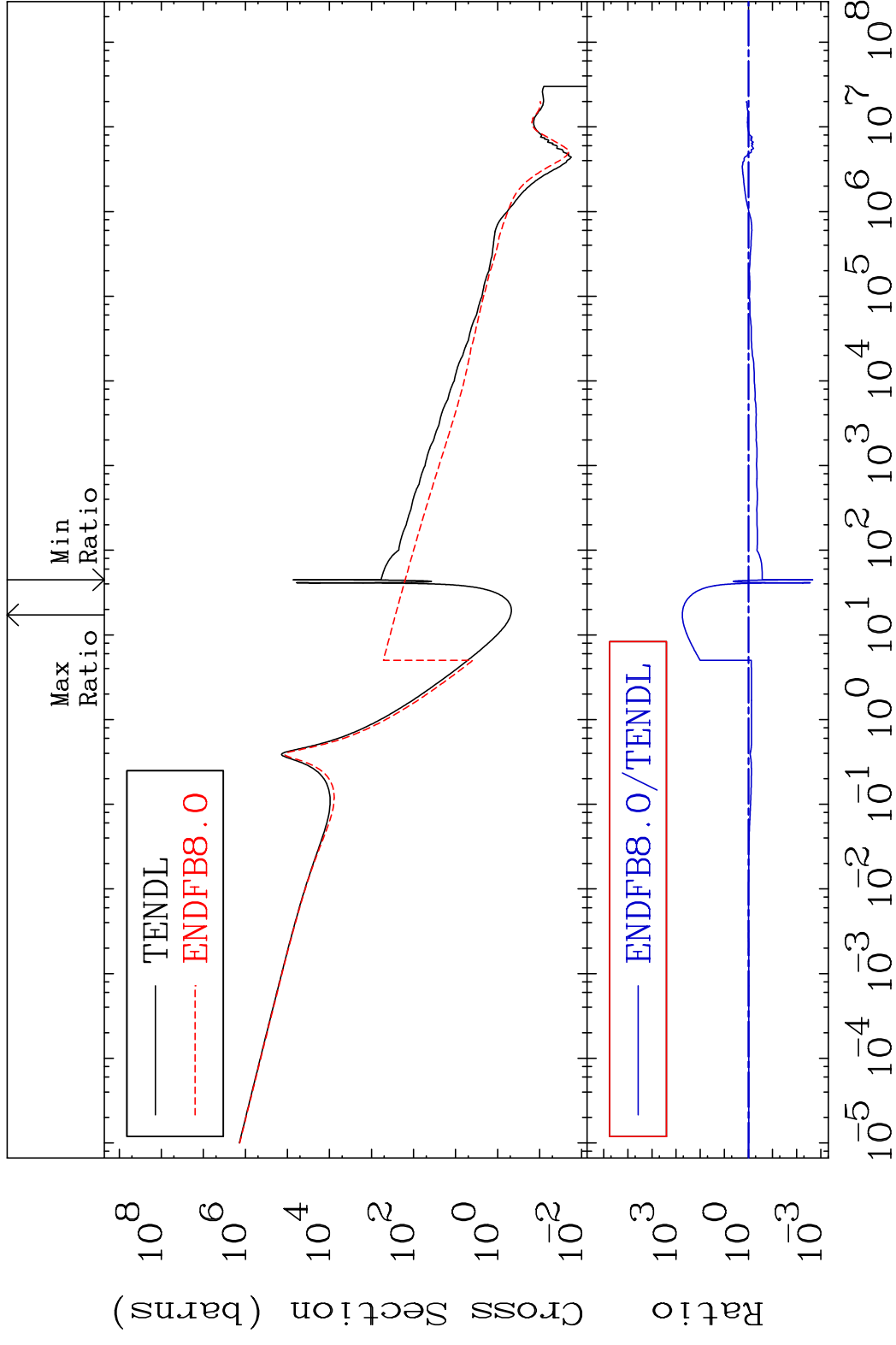


MAT 9858 Kerma fission (mt18 or mt19-20-21-38) 98-Cf-251
 Cross Section -44.60 To 9999. %



MAT 9858

Kerma capture (mt102) 98-Cf-251
Cross Section -99.78 To 9999. %

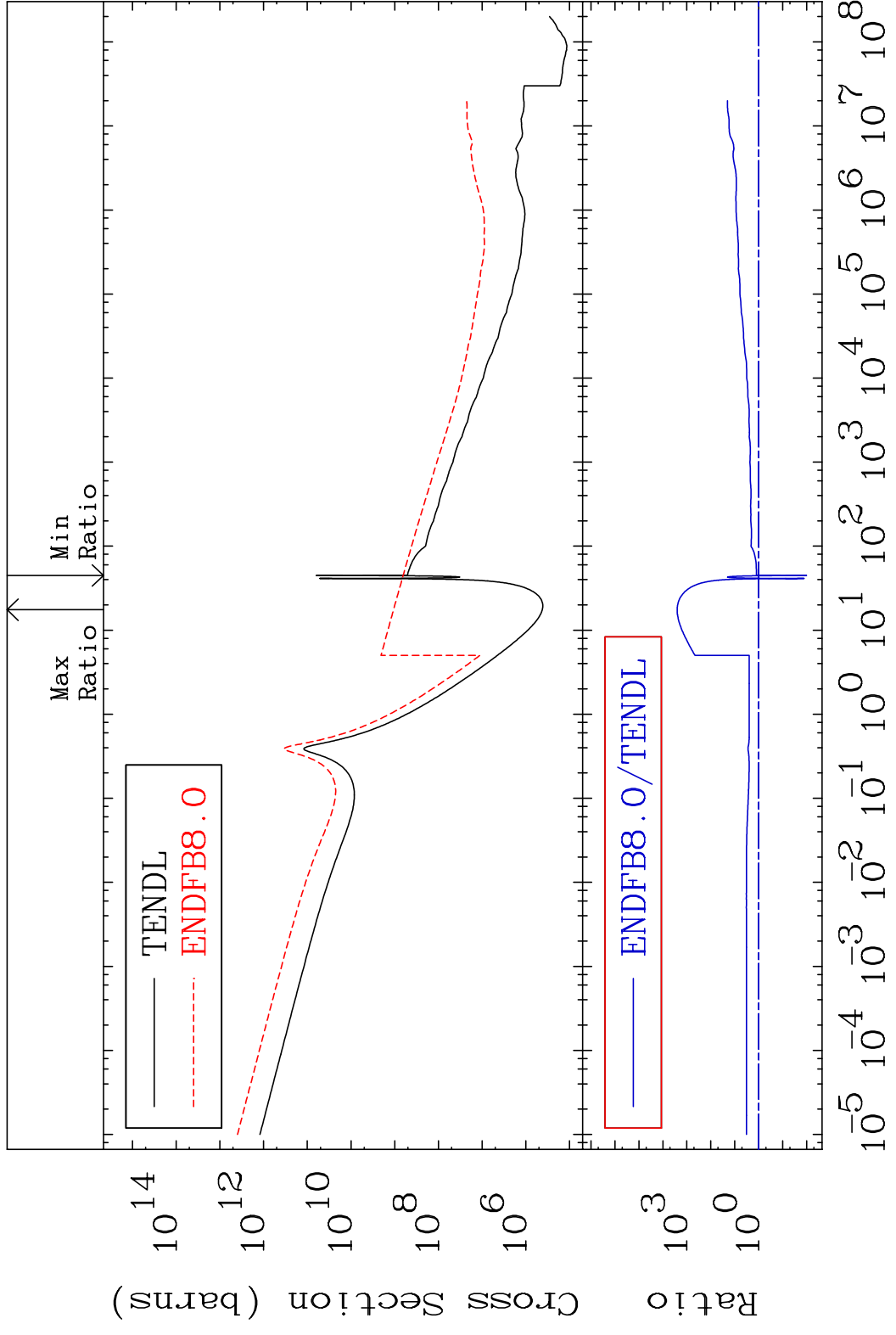


33

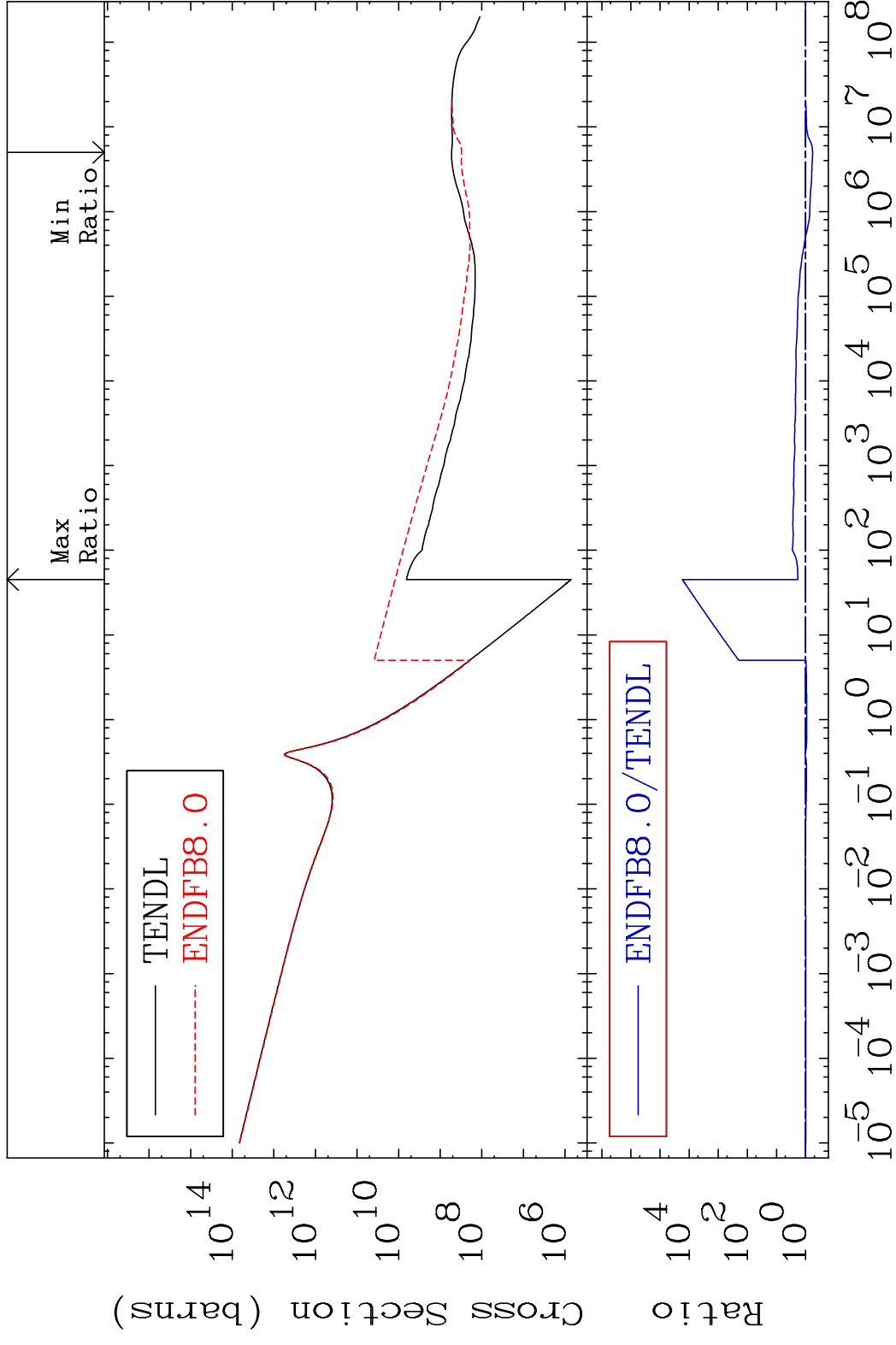
Incident Energy (eV)

98-Cf-251

MAT 9858 Total photon (eV-barns) 98-Cf-251
 Cross Section -98.98 To 9999. %



MAT 9858 Total kinematic kerma (high limit) 98-Cf-251
 Cross Section -42.21 To 9999. %

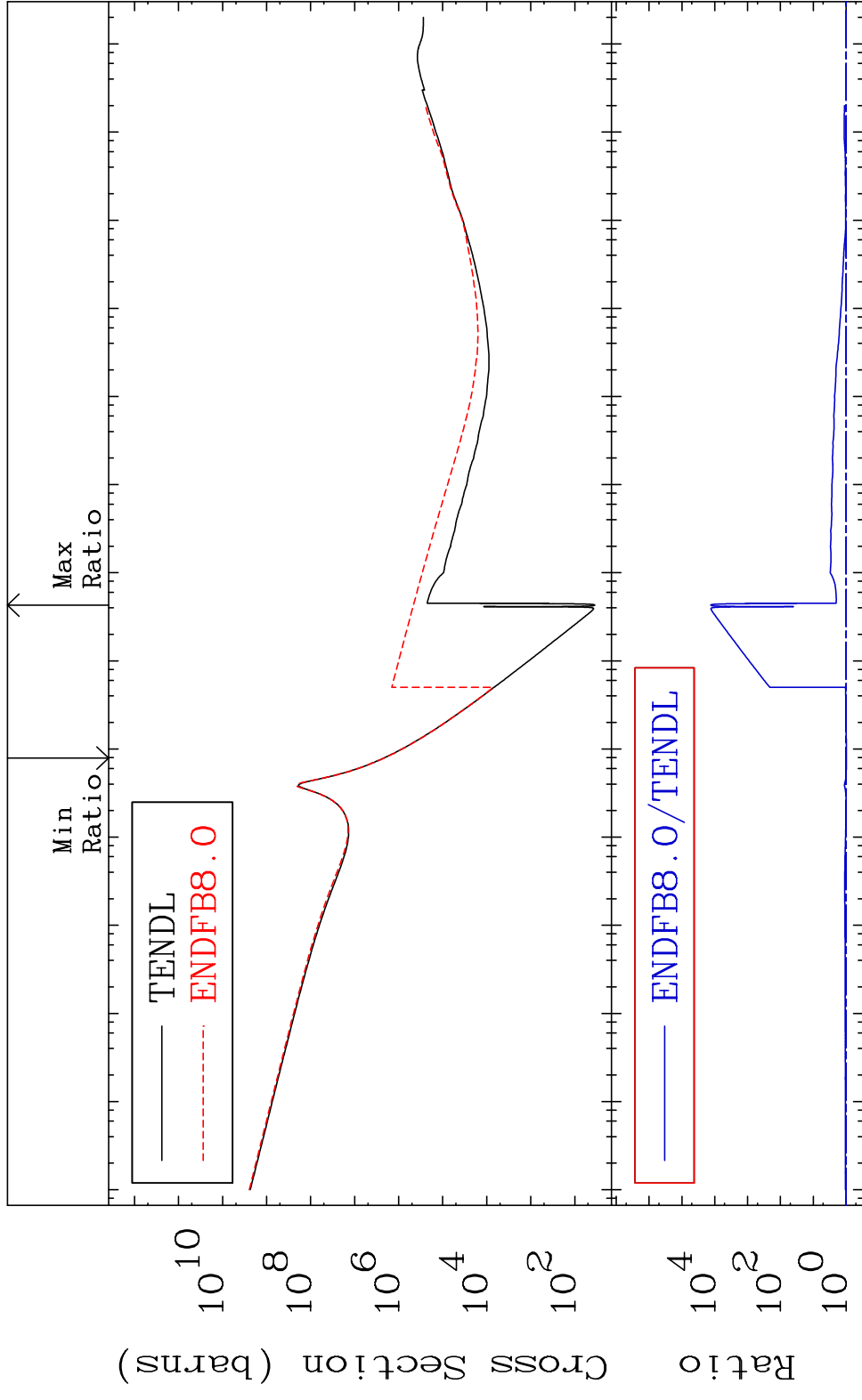


MAT 9858

Dpa total (eV-barns)

98-Cf-251

Cross Section -1.604 To 9999. %

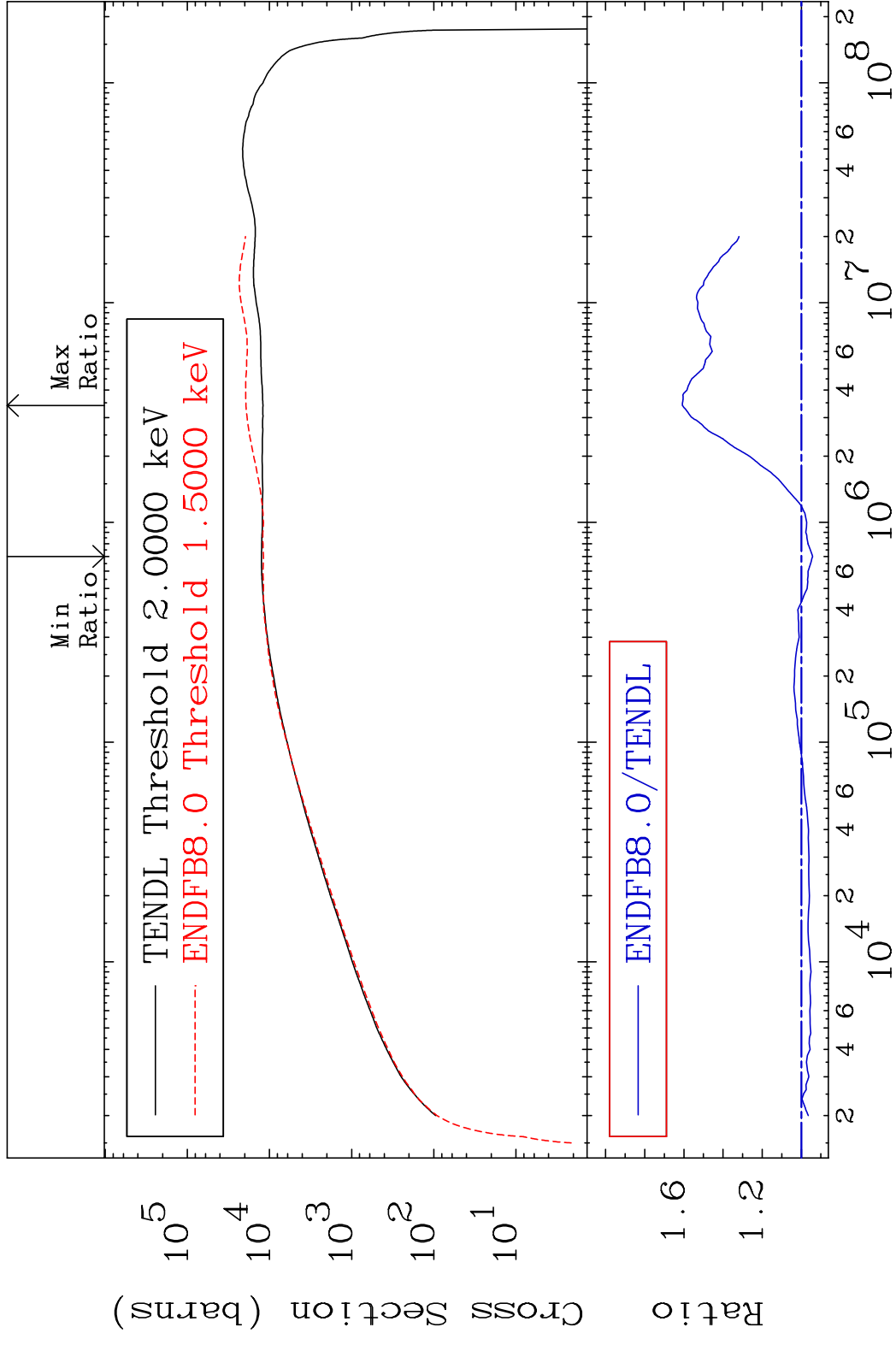


MAT 9858

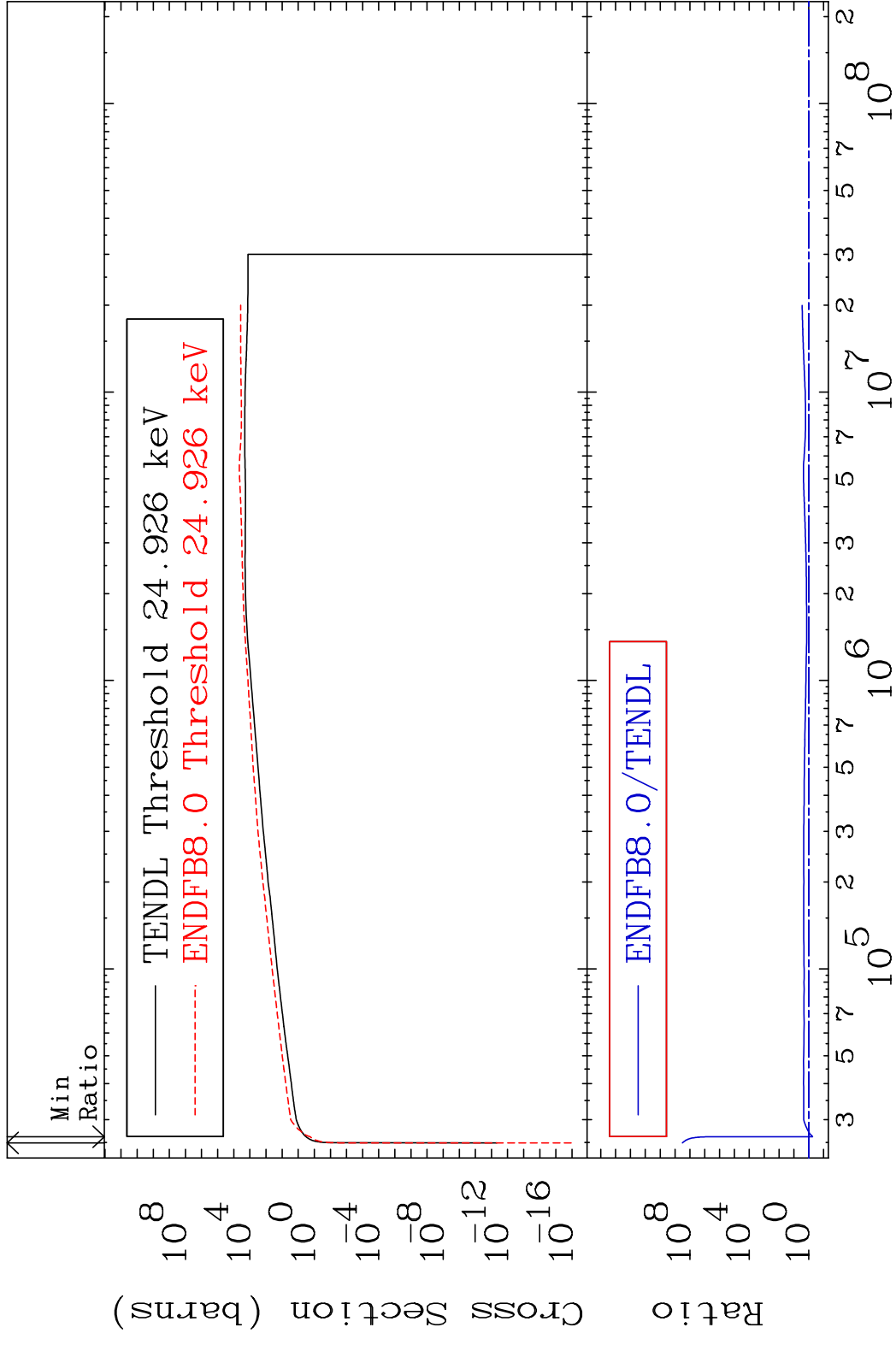
Dpa elastic (mt2)

98-Cf-251

Cross Section -5.730 To 60.78 %



MAT 9858 Dpa inelastic (mt51-91) 98-Cf-251
 Cross Section -44.61 To 9999. %



MAT 9858 Dpa disappearance (mt102 -120) 98-Cf-251
 Cross Section -100.0 To 9999. %

