

Program Complot
(Version 2018-1)

by

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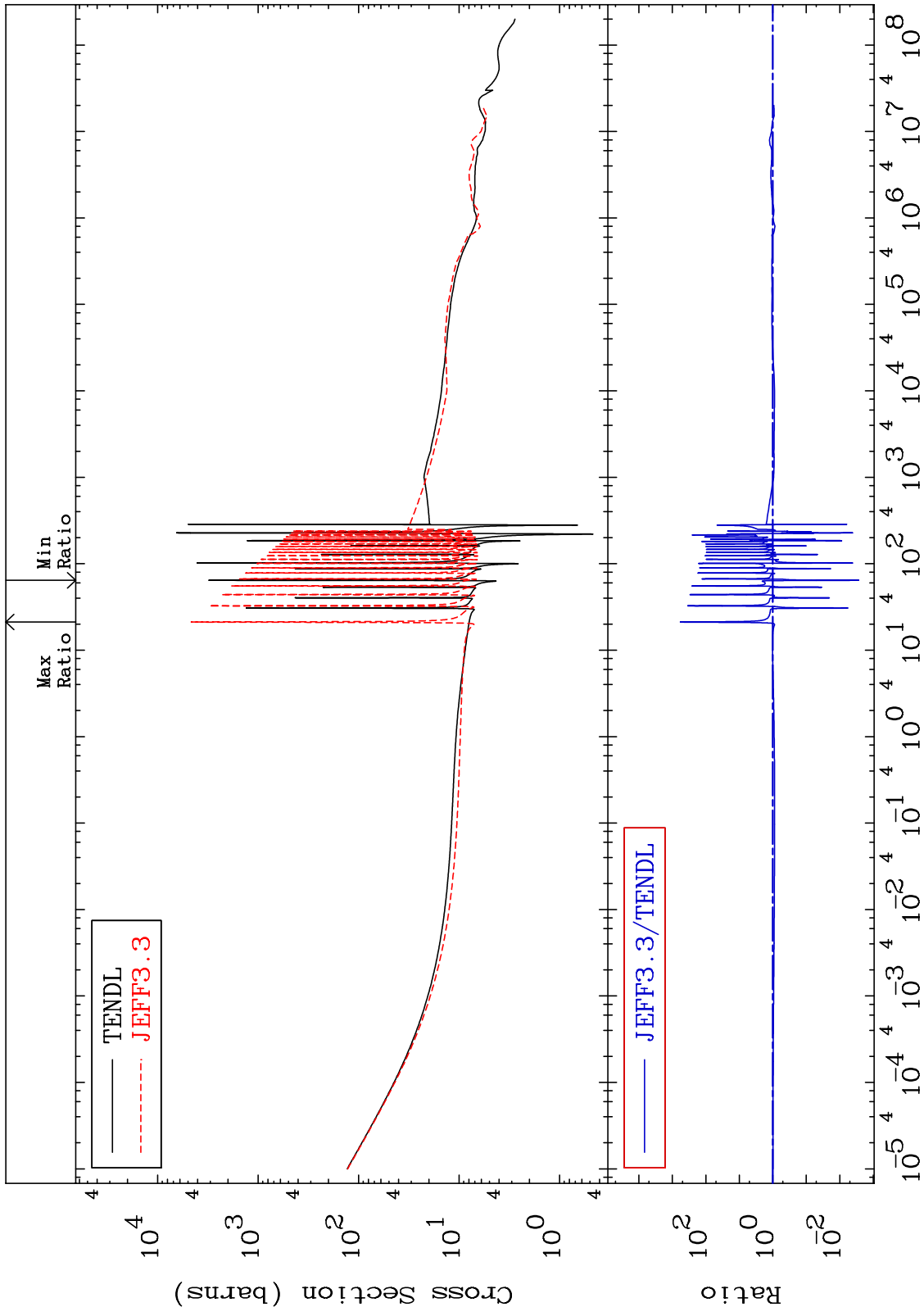
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9452

Total
Cross Section

94-Pu-244
-99.73 To 9999. %



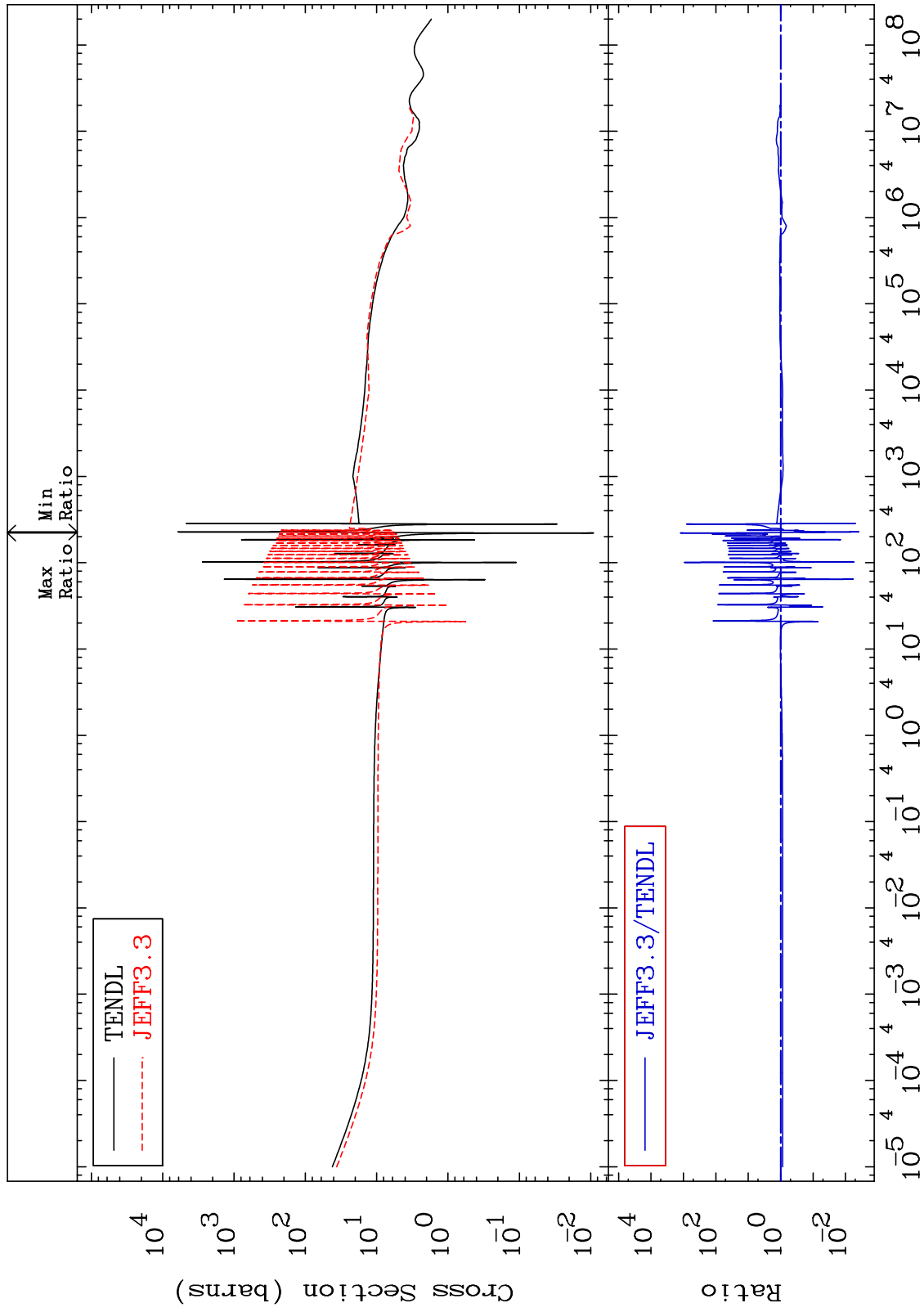
Incident Energy (eV)

94-Pu-244

MAT 9452

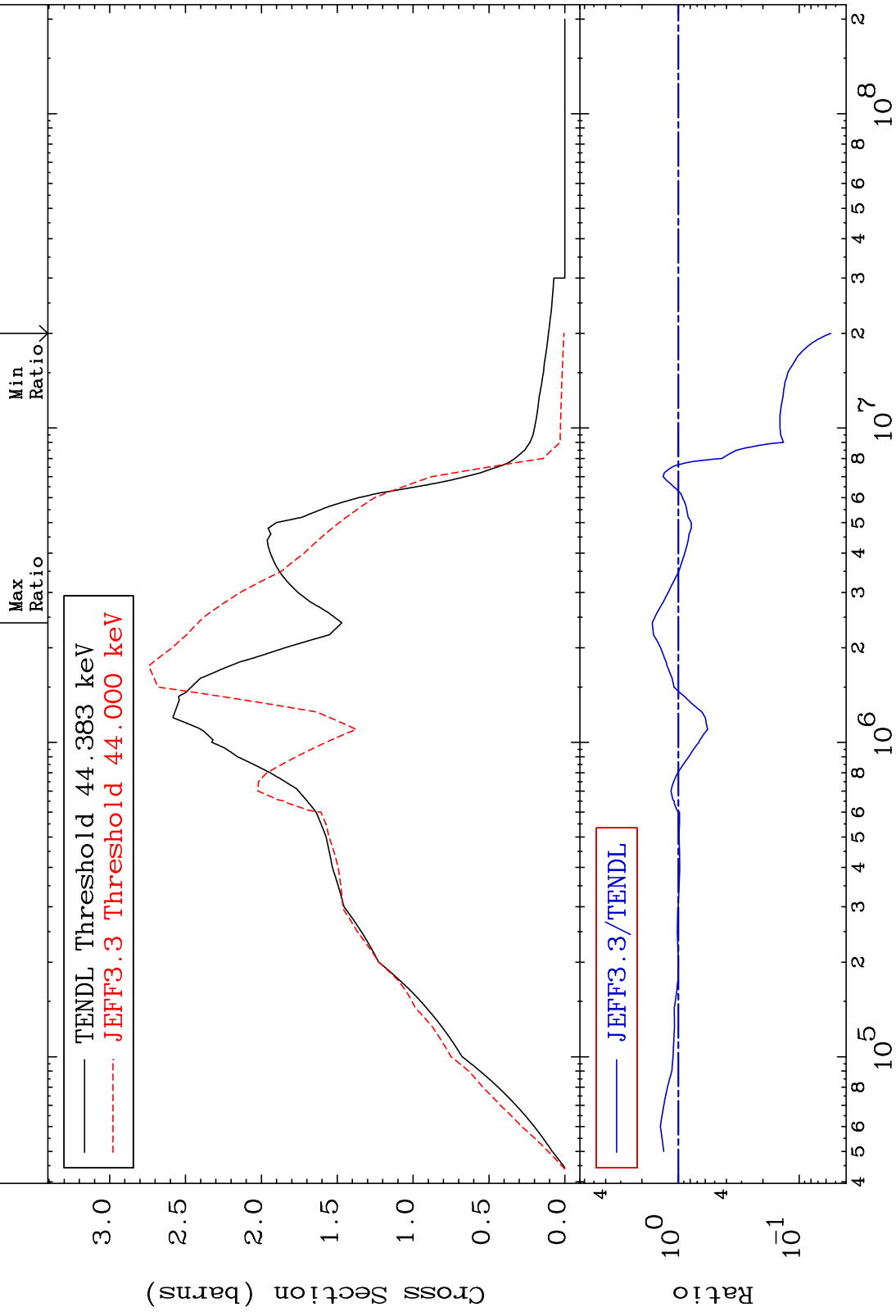
Elastic
Cross Section

94-Pu-244
-99.62 To 9999. %



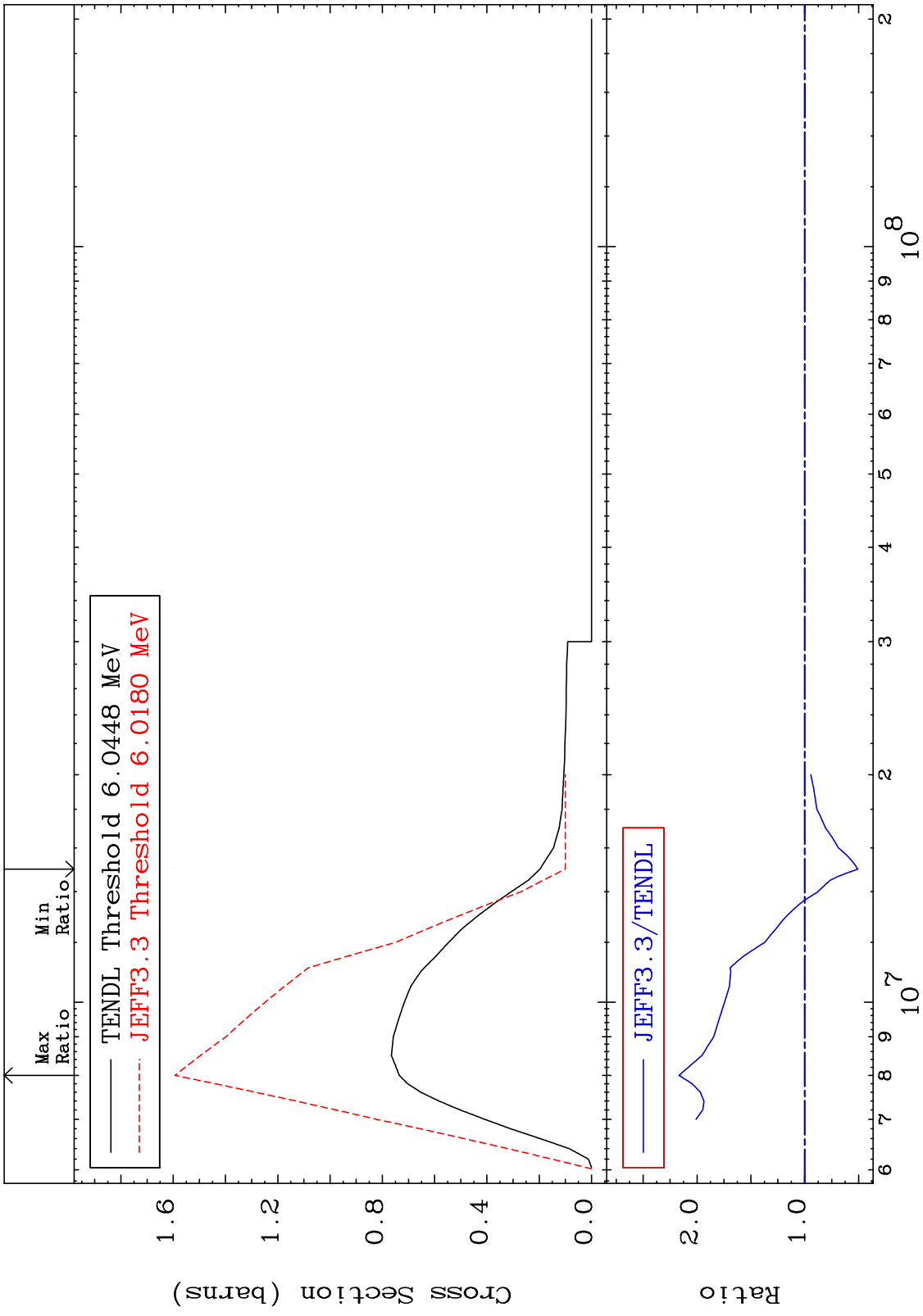
MAT 9452 94-Pu-244 -94.53 To 64.58 %

Inelastic Cross Section



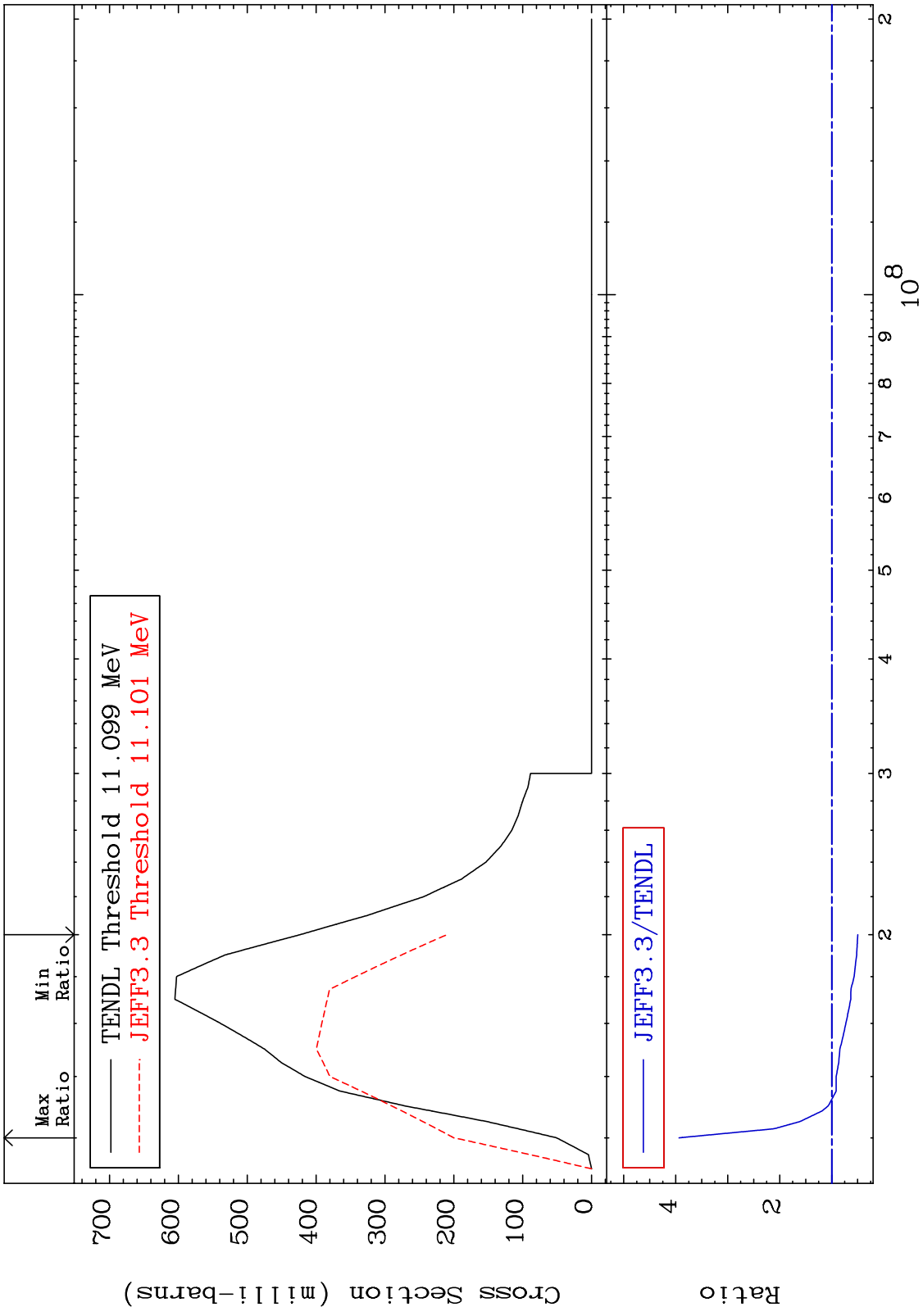
3 94-Pu-244

MAT 9452 (n,2n) Cross Section 94-Pu-244 -49.26 To 116.7 %



4 94-Pu-244

MAT 9452 (n,3n) Cross Section 94-Pu-244 -50.33 To 293.7 %



5 Incident Energy (eV) 94-Pu-244

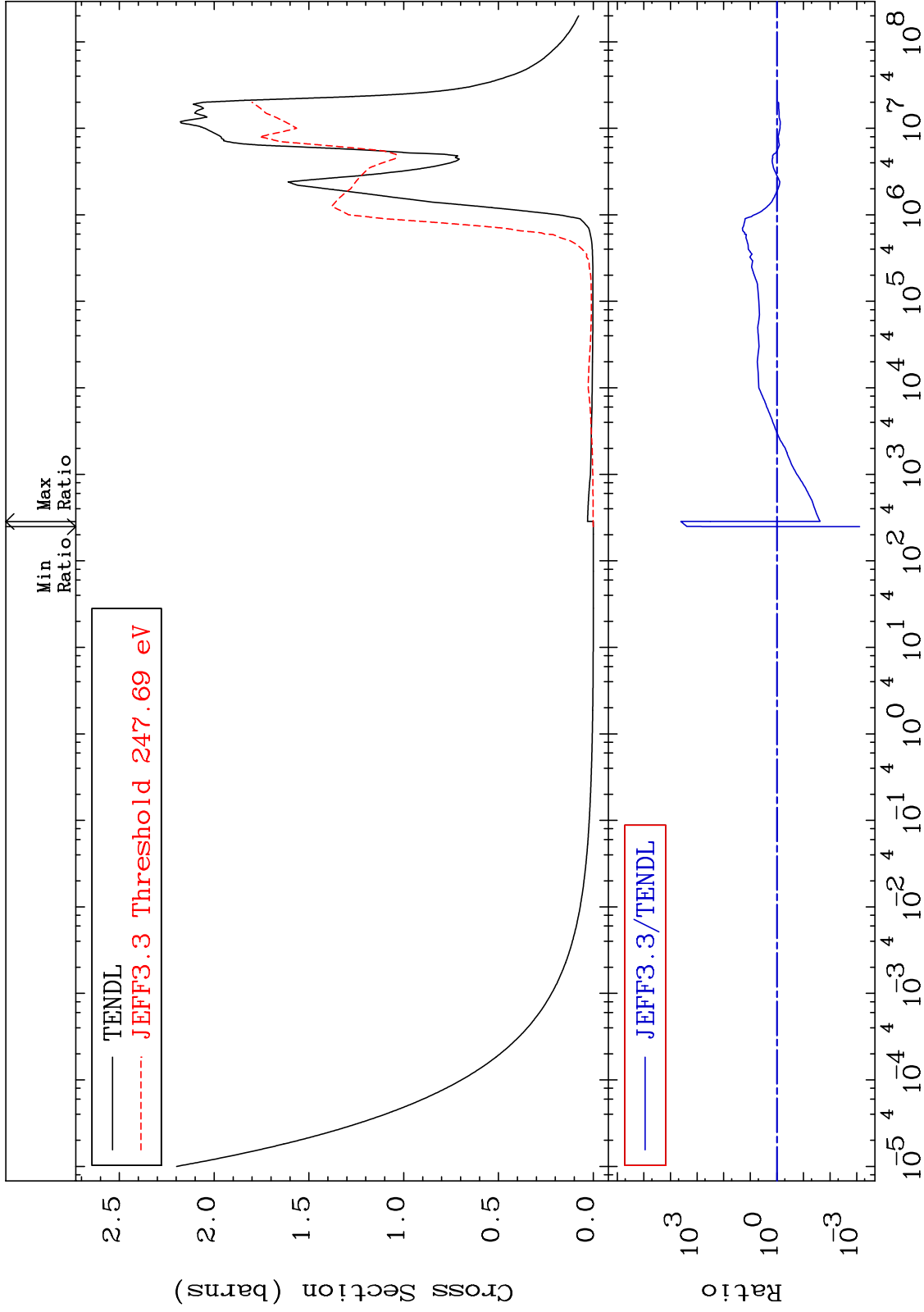
MAT 9452

Fission

94-Pu-244

Cross Section

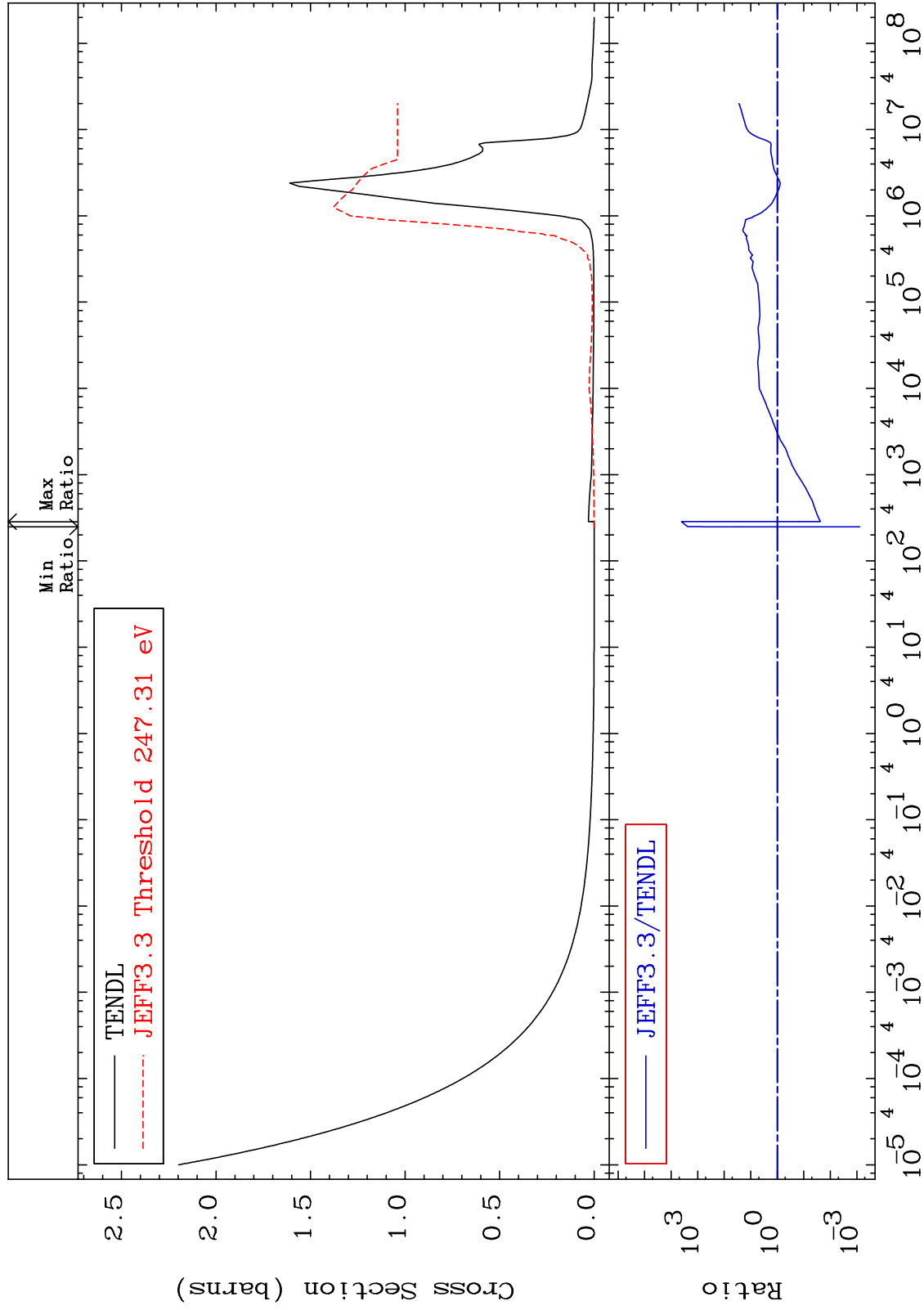
-99.92 To 9999. %



MAT 9452

(n,f) First Chance
Cross Section

94-Pu-244
-99.92 To 9999. %



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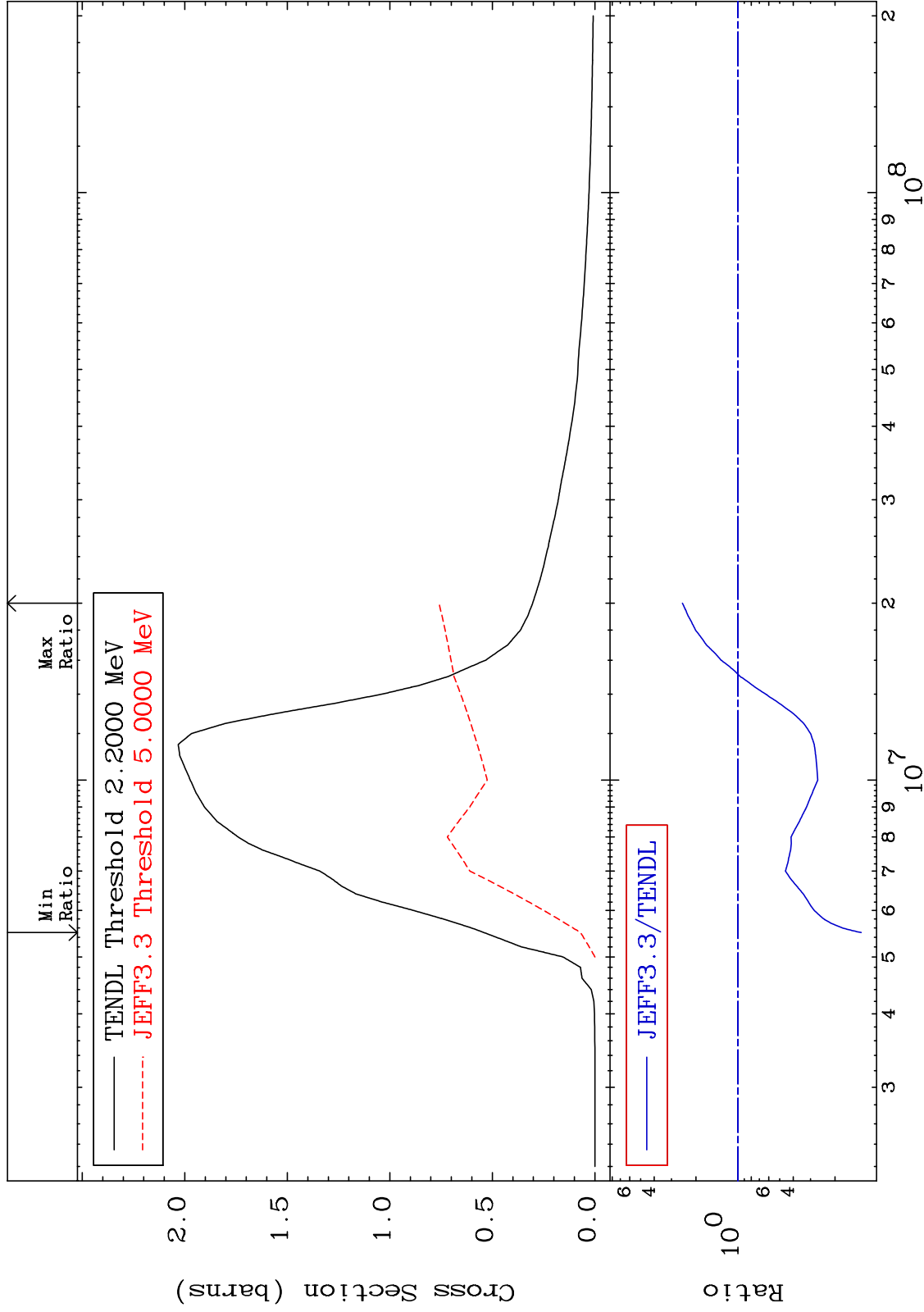
Incident Energy (eV)

94-Pu-244

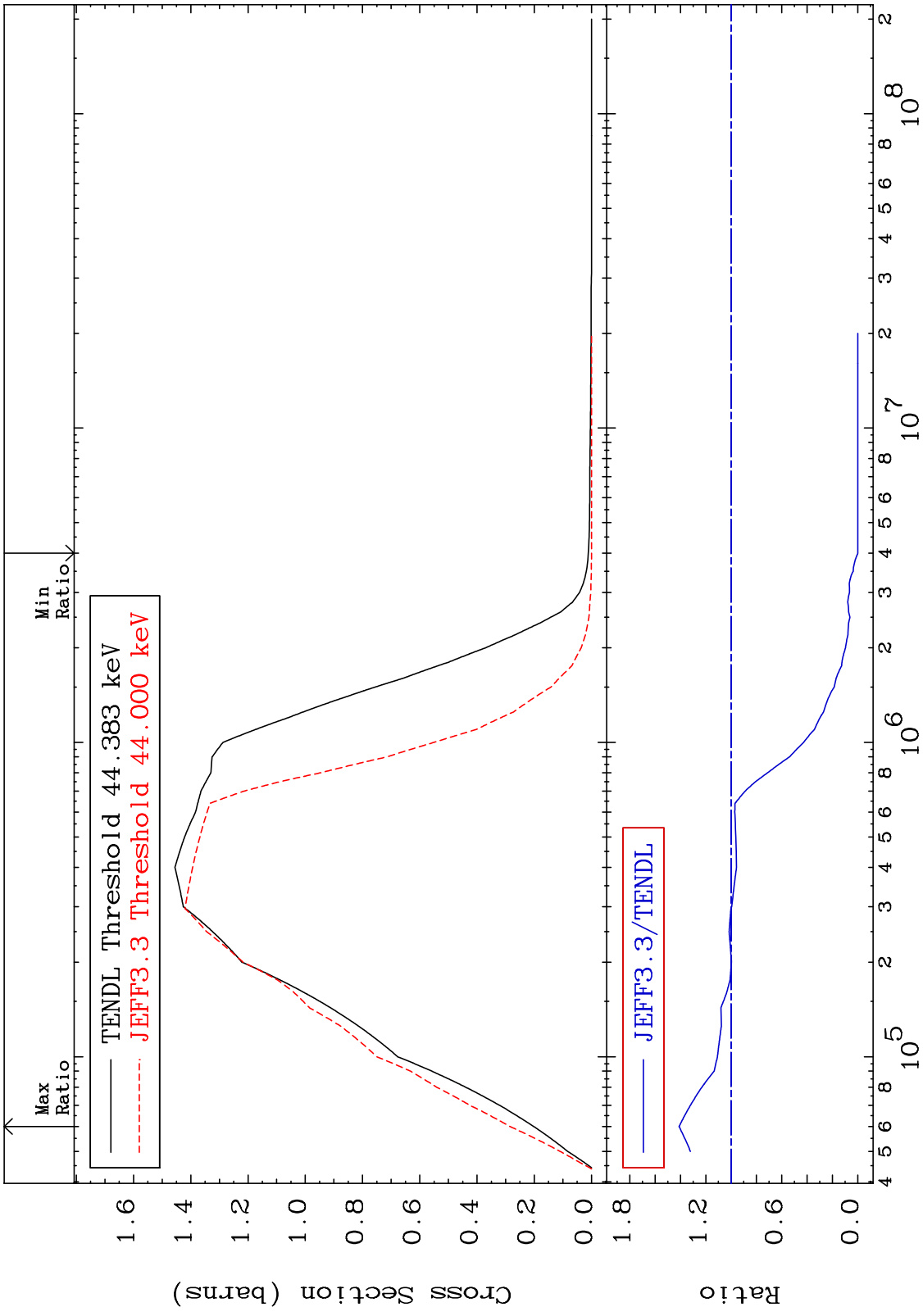
MAT 9452

(n,nf) Second Chance
Cross Section

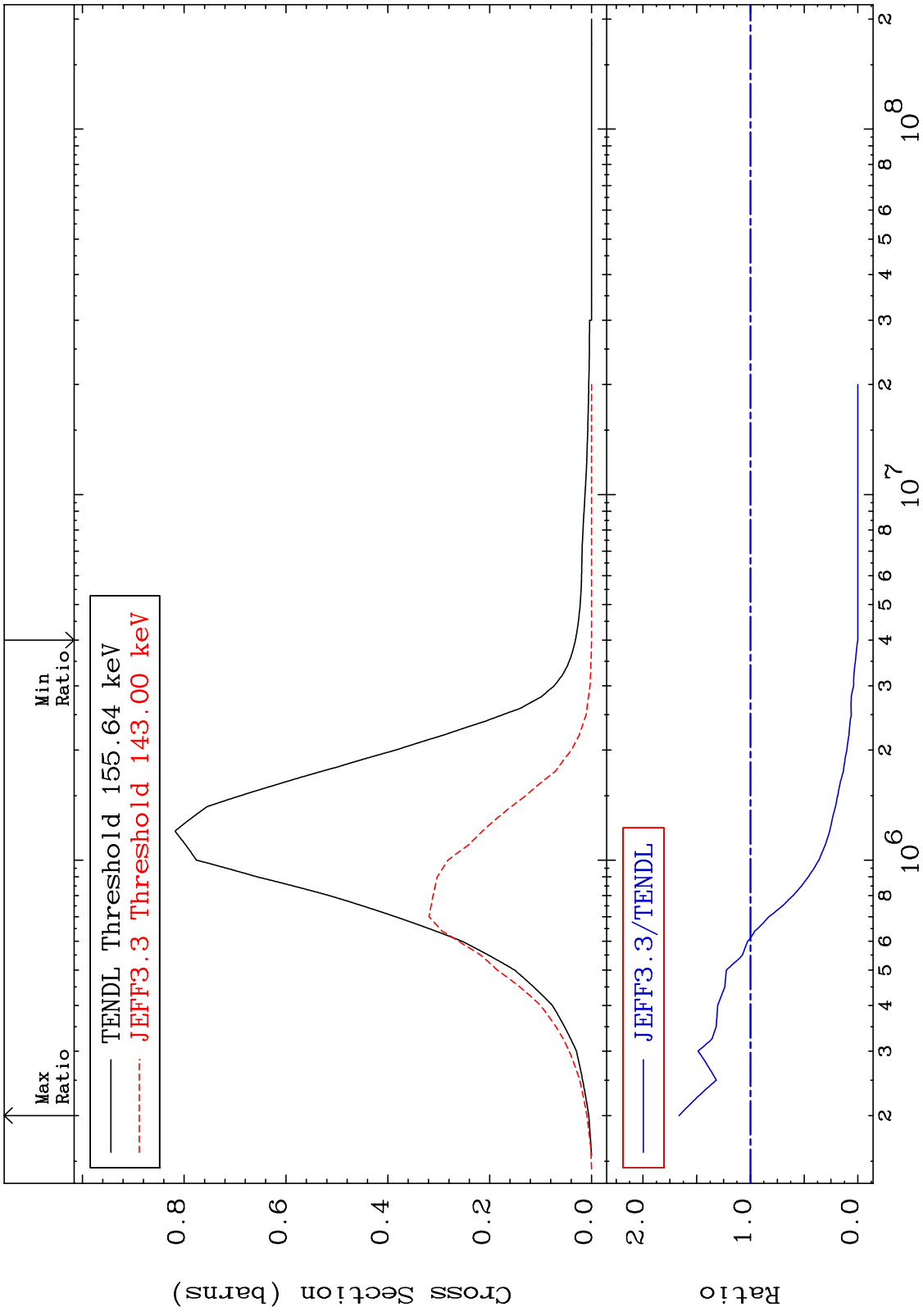
94-Pu-244
-87.06 To 150.3 %



MAT 9452 MT= 51 (n,n') Level 94-Pu-244
 Cross Section -100.0 To 41.08 %

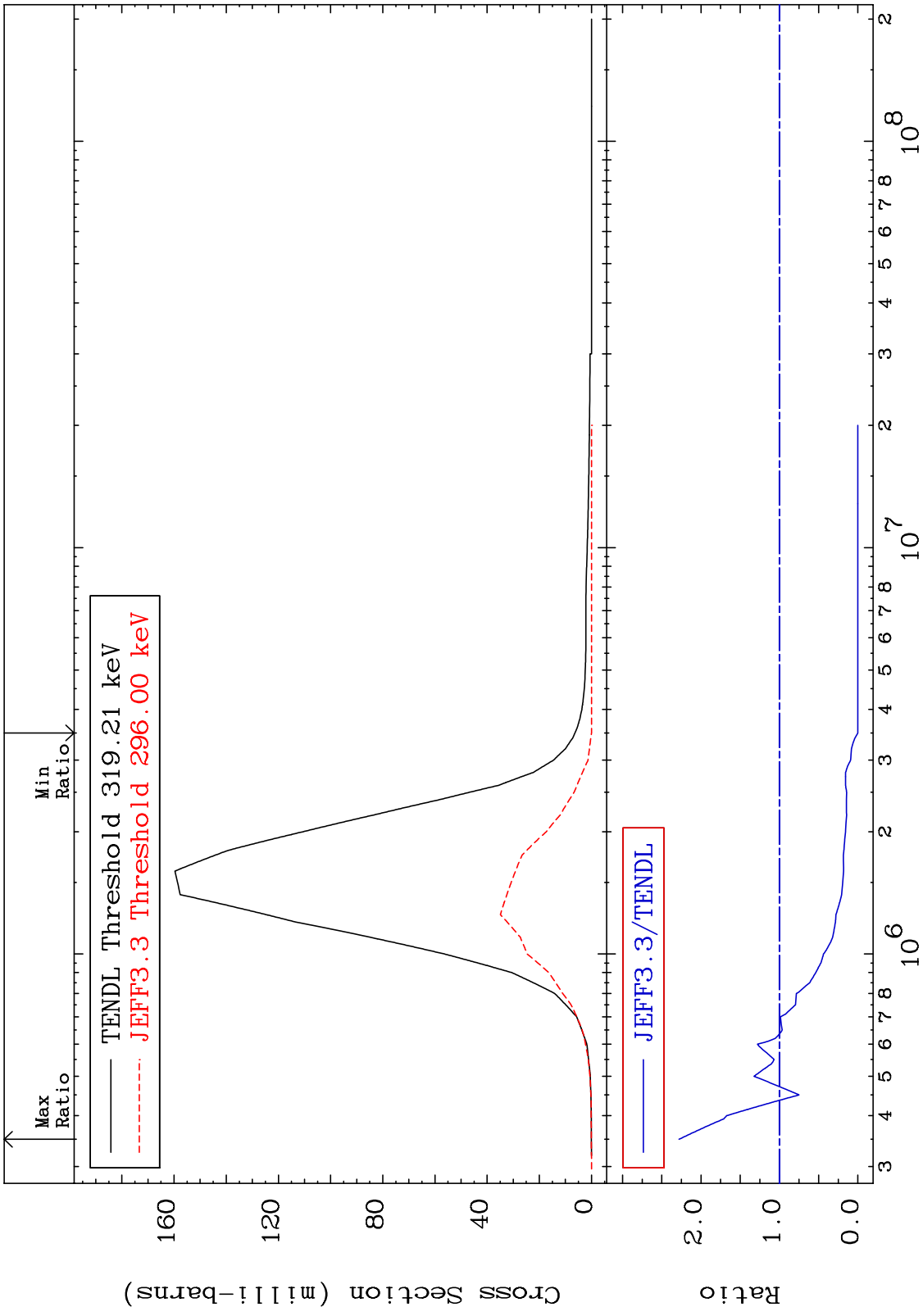


MAT 9452 MT= 52 (n,n') Level Cross Section -100.0 To 66.44 % 94-Pu-244

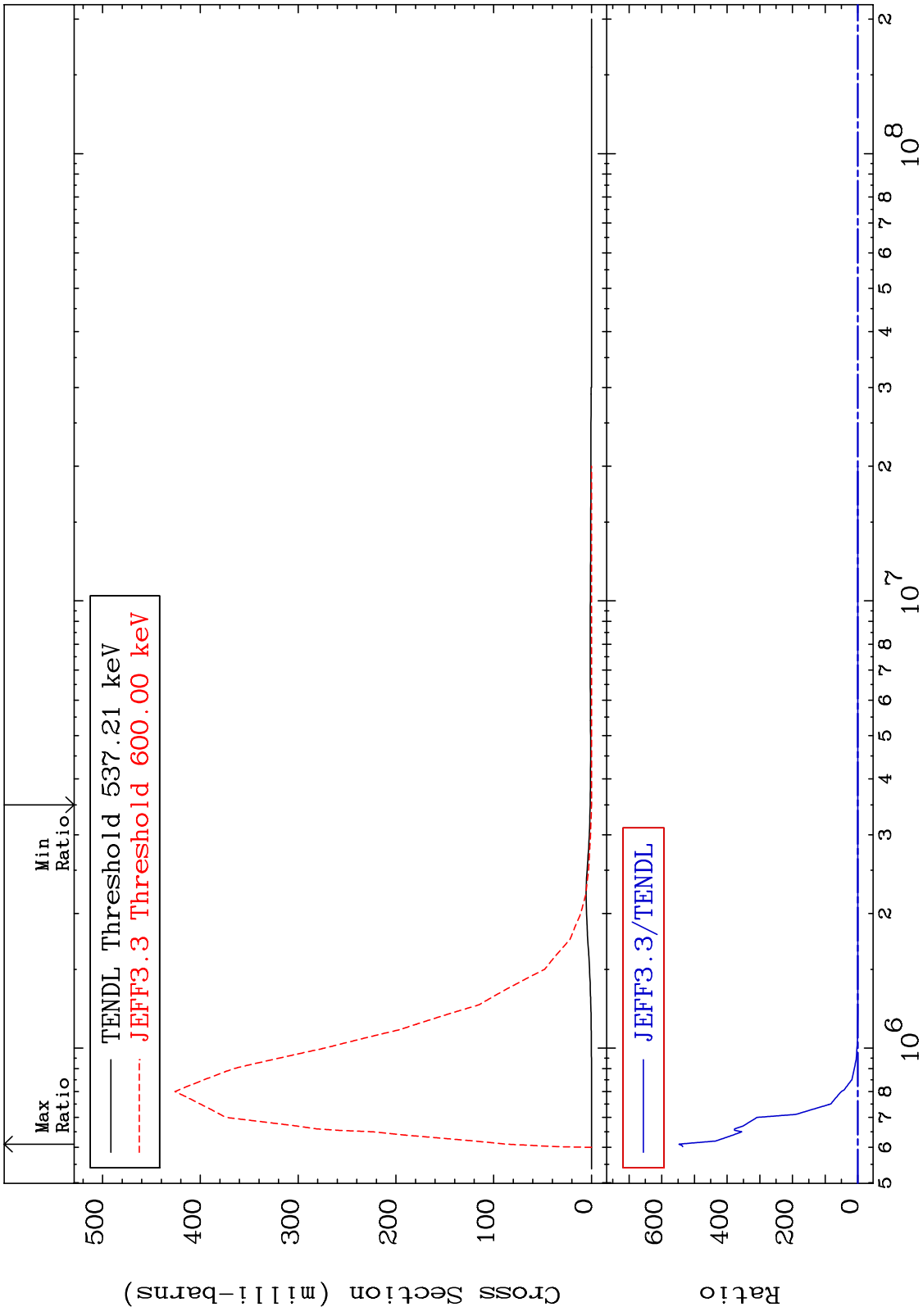


10 94-Pu-244

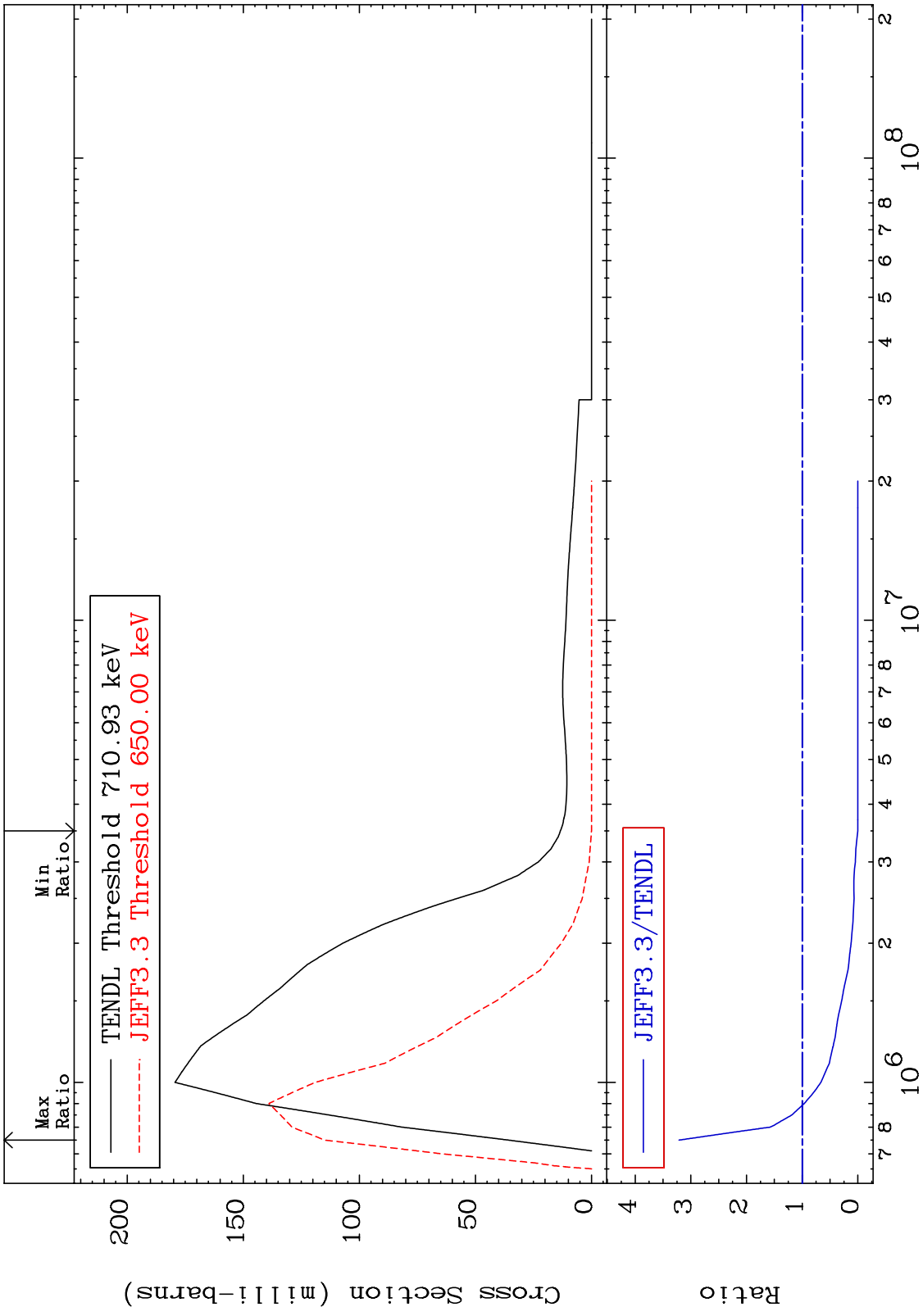
MAT 9452 MT= 53 (n,n') Level Cross Section 94-Pu-244
 -100.0 To 128.0 %



MAT 9452 MT= 54 (n,n') Level 94-Pu-244
 Cross Section -100.0 To 9999. %



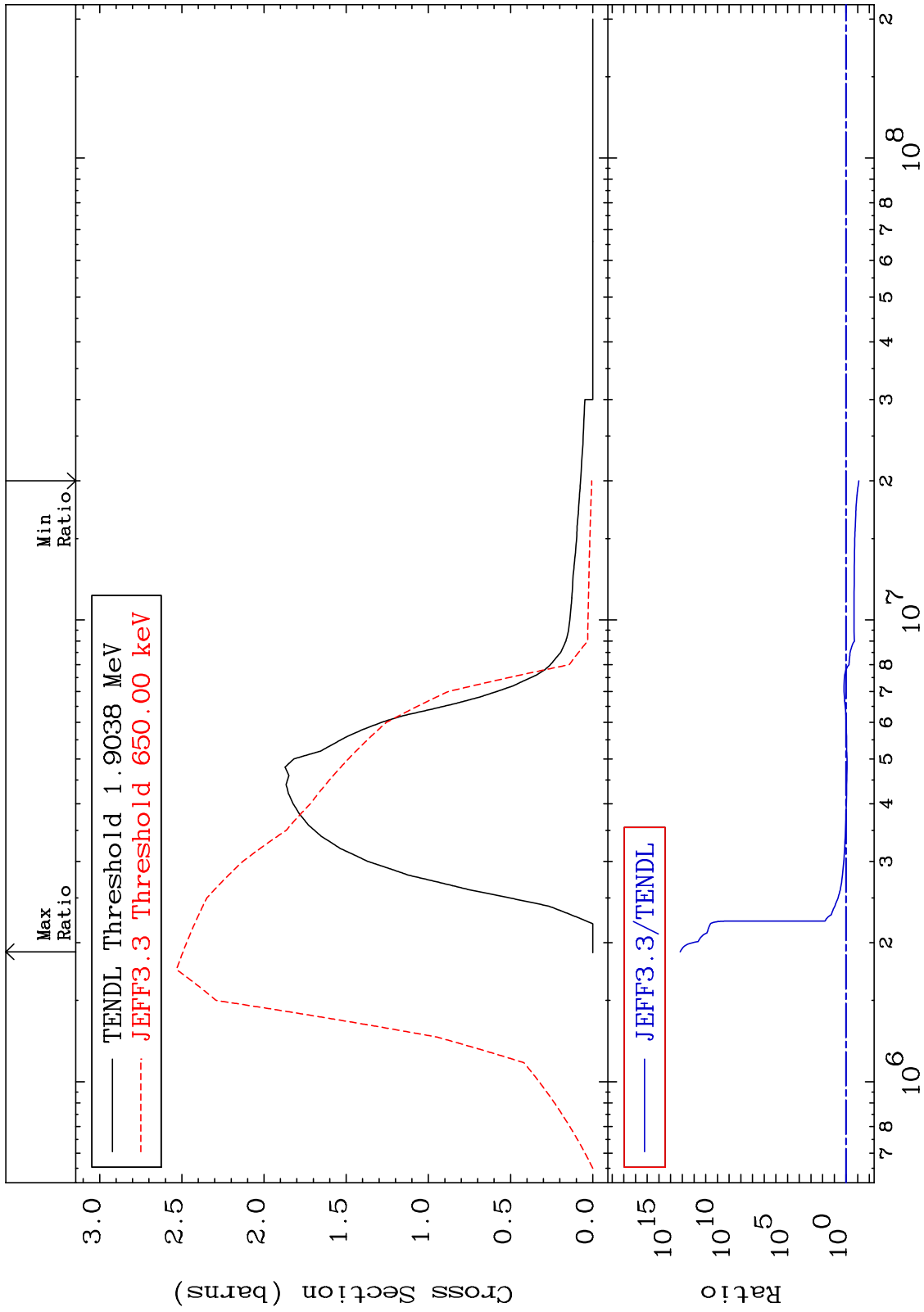
MAT 9452 MT= 55 (n,n') Level 94-Pu-244
 Cross Section -100.0 To 221.2 %



MAT 9452

(n, n') Continuum
Cross Section

94-Pu-244
-92.12 To 9999. %



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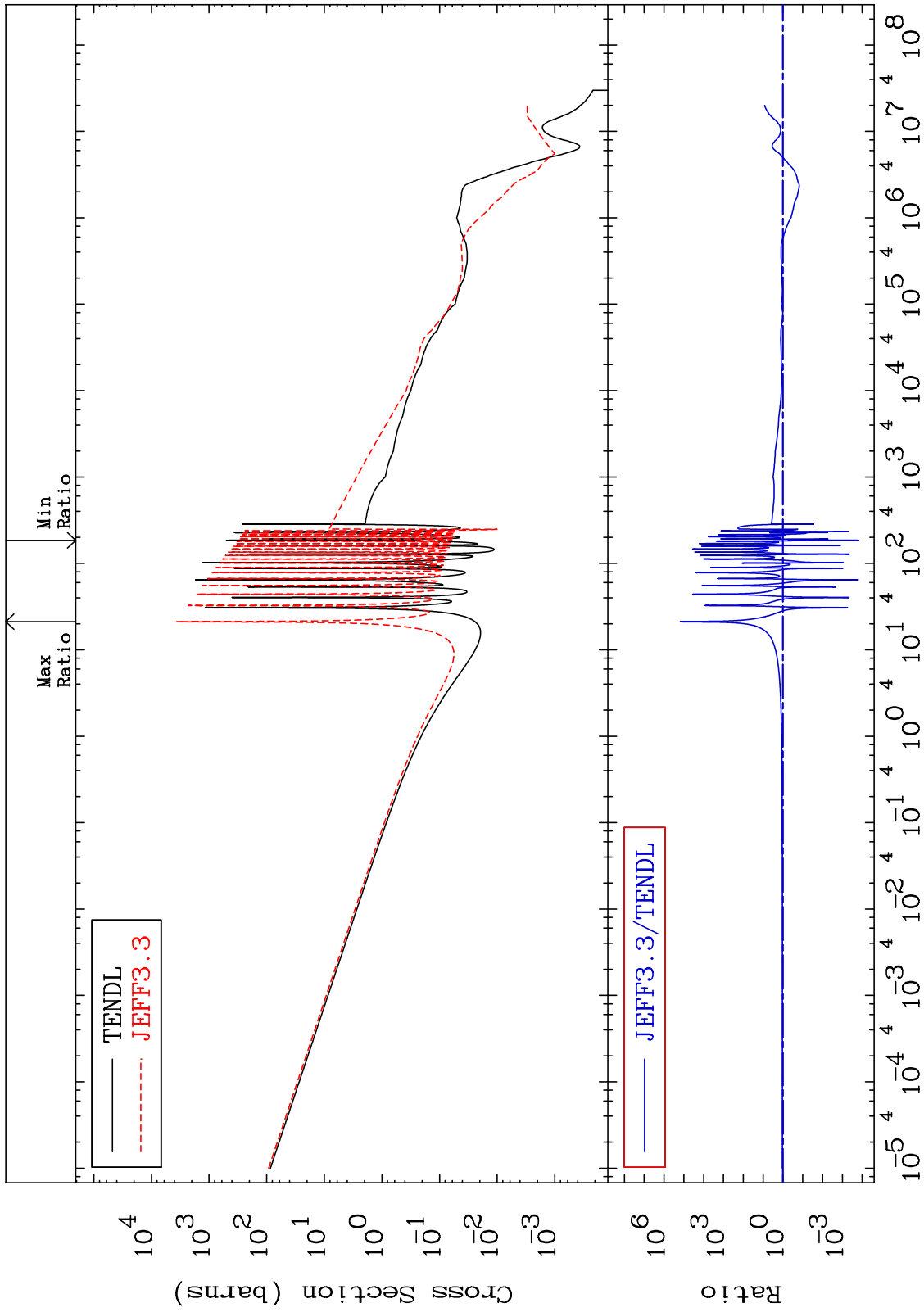
Incident Energy (eV)

94-Pu-244

MAT 9452

(n, γ)
Cross Section

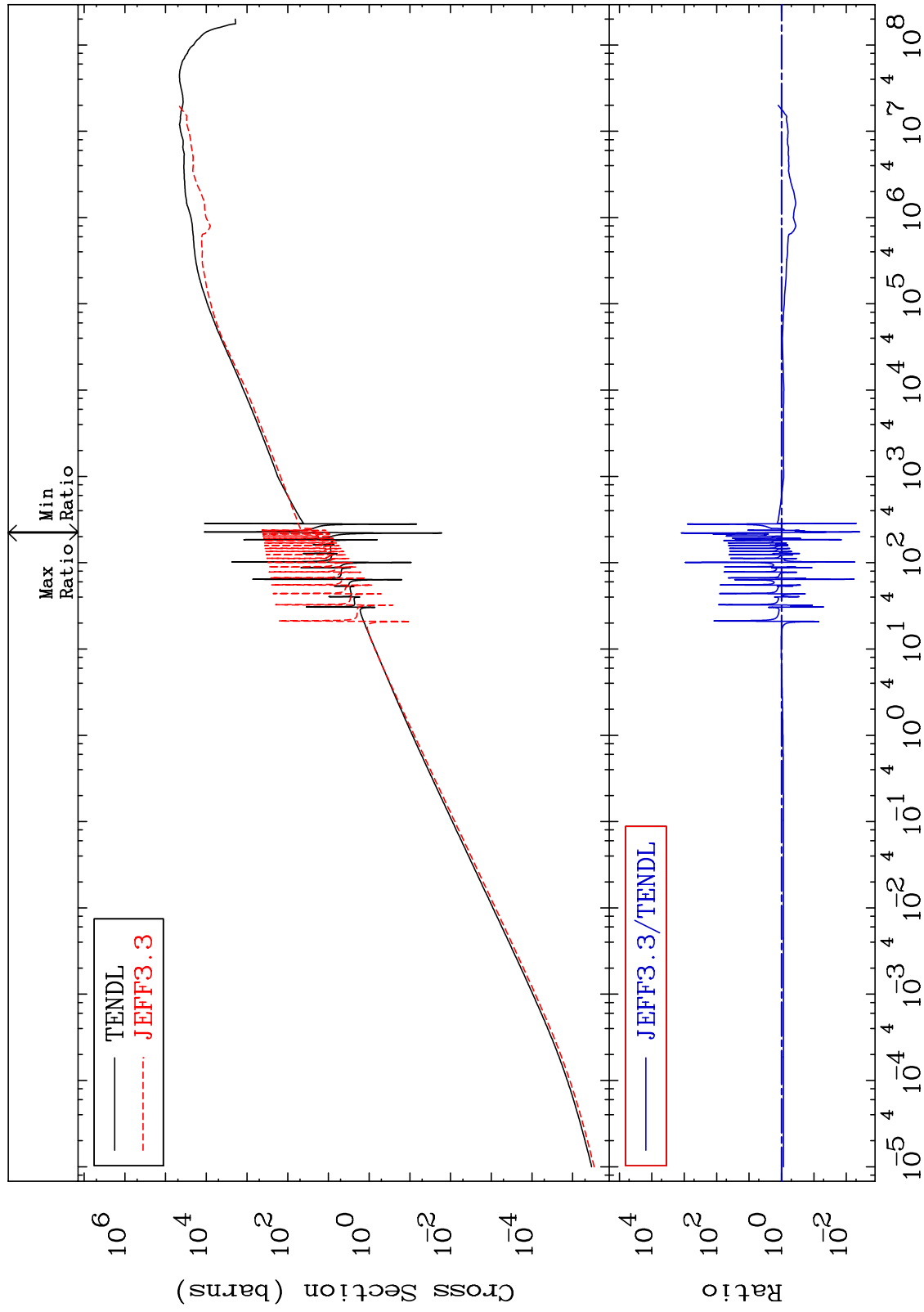
94-Pu-244
-99.99 To 9999. %



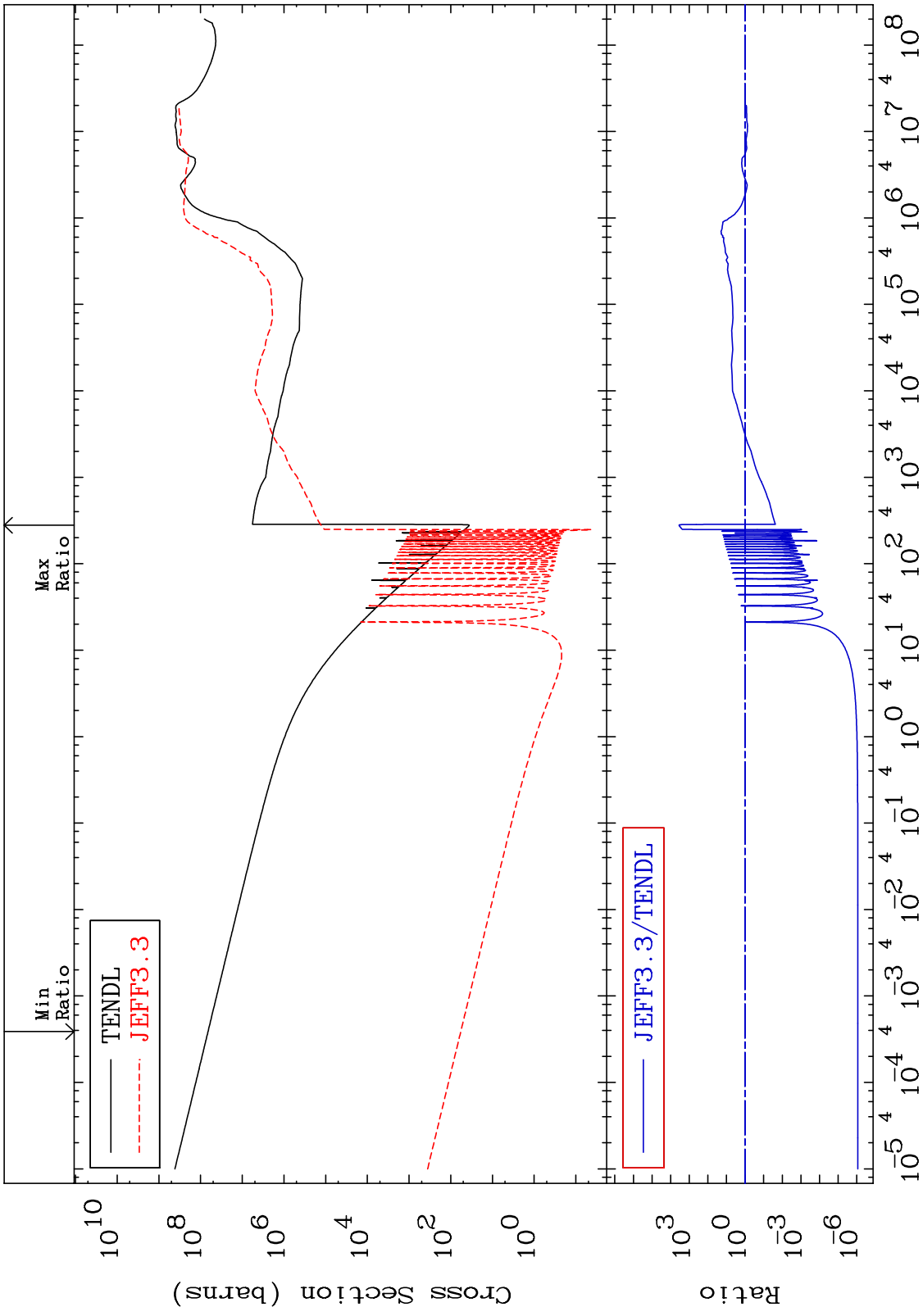
MAT 9452

Kerma elastic
Cross Section

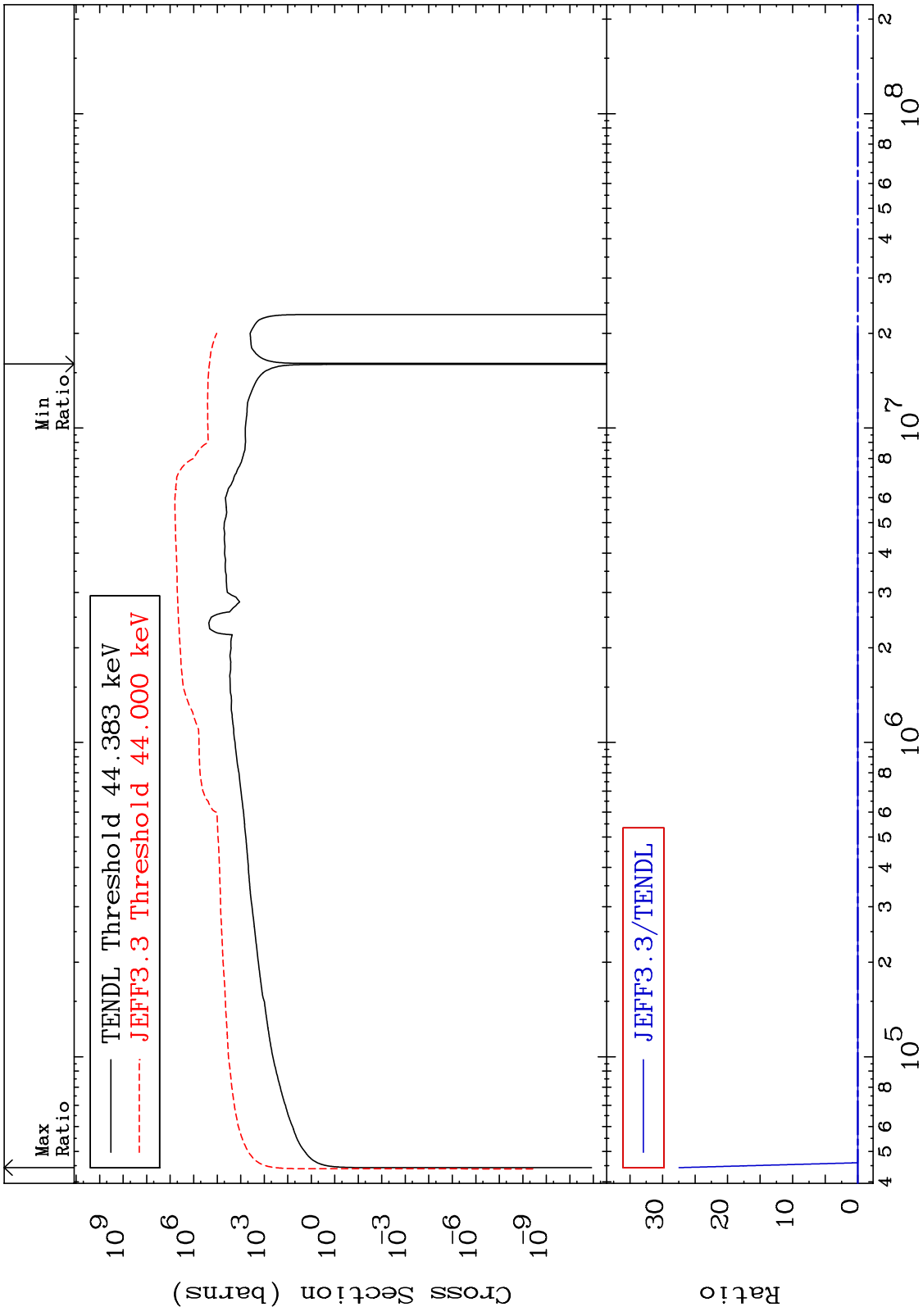
94-Pu-244
-99.62 To 9999. %



MAT 9452 Kerma non-elastic (all but mt2) 94-Pu-244
 -100.0 To 9999. %
 Cross Section



MAT 9452 Kerma inelastic (mt51-91) 94-Pu-244
 Cross Section -9999. To 9999. %



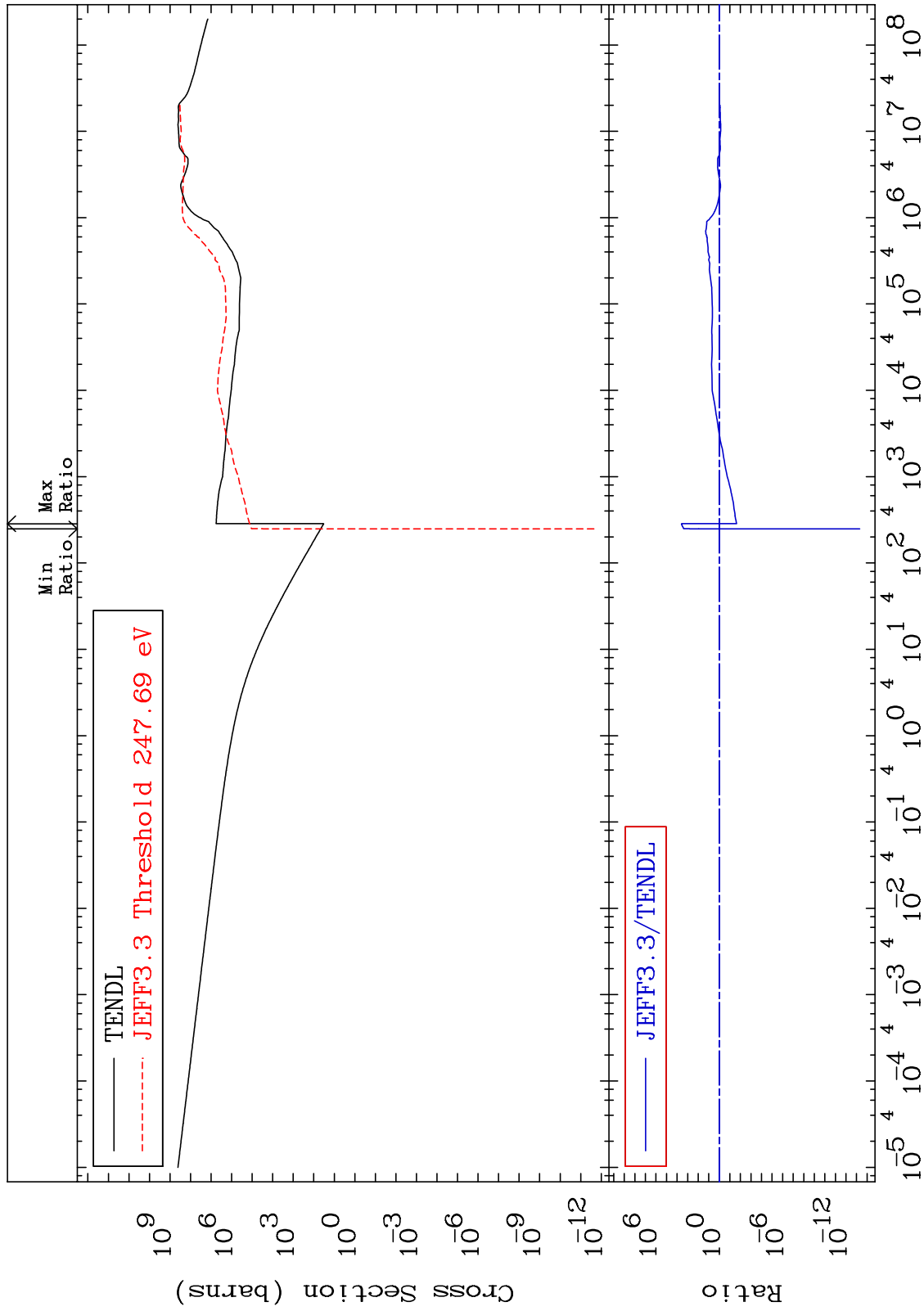
MAT 9452

Kerma fission (mt18 or mt19-20-21-38)

94-Pu-244

-100.0 To 9999. %

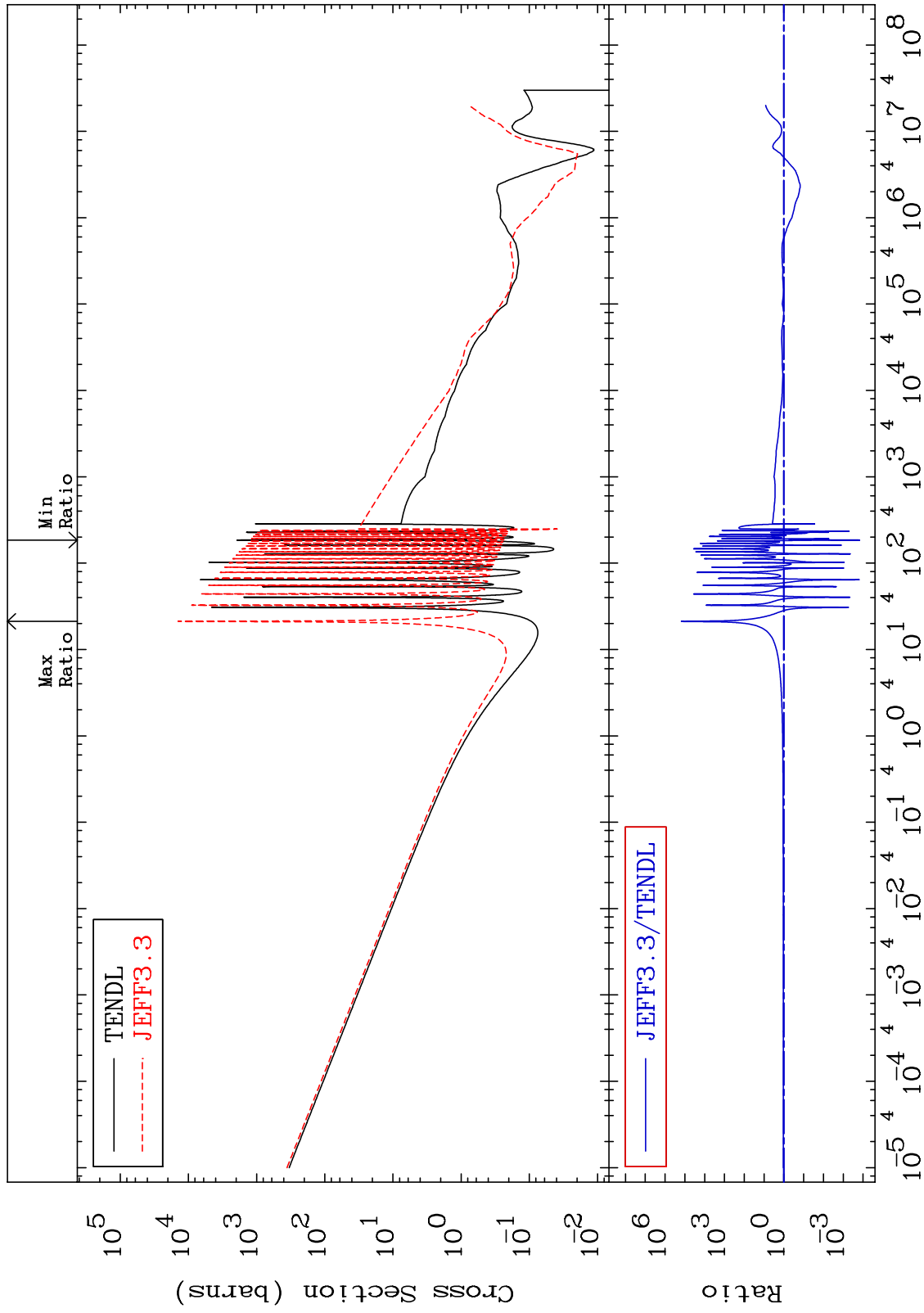
Cross Section



MAT 9452

Kerma capture (mt102)
Cross Section

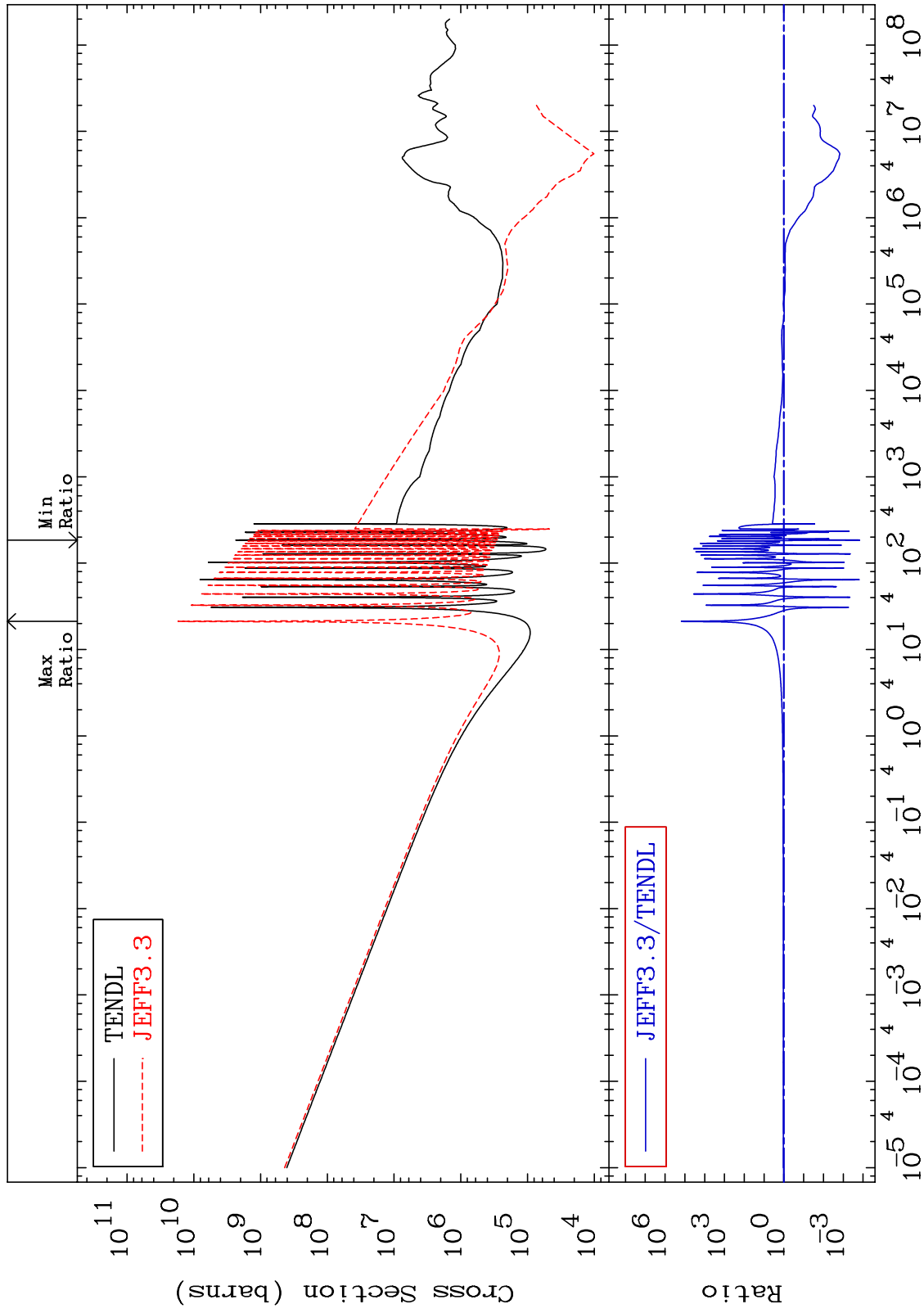
94-Pu-244
-99.99 To 9999. %



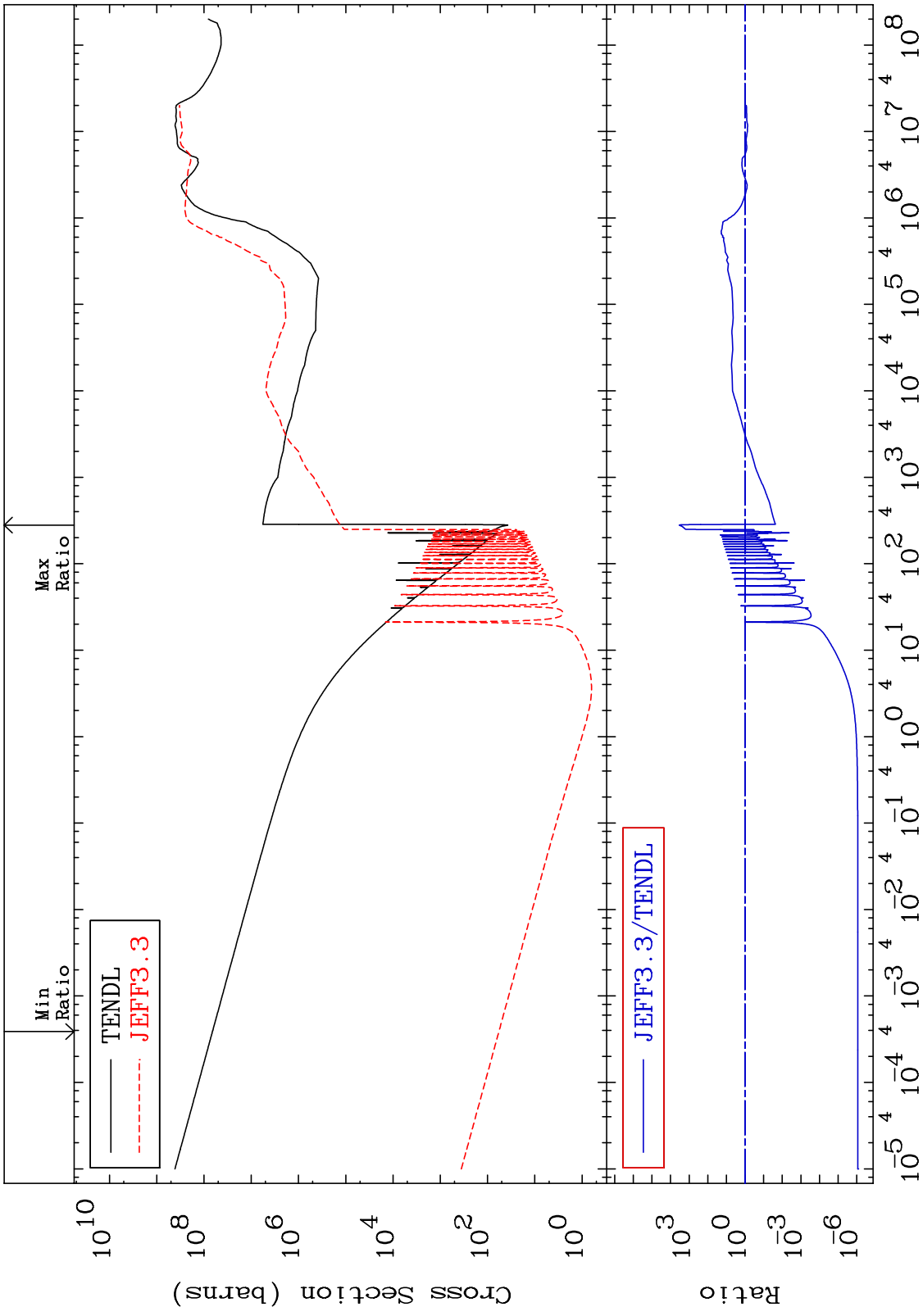
MAT 9452

Total photon (eV-barns)
Cross Section

94-Pu-244
-99.99 To 9999. %



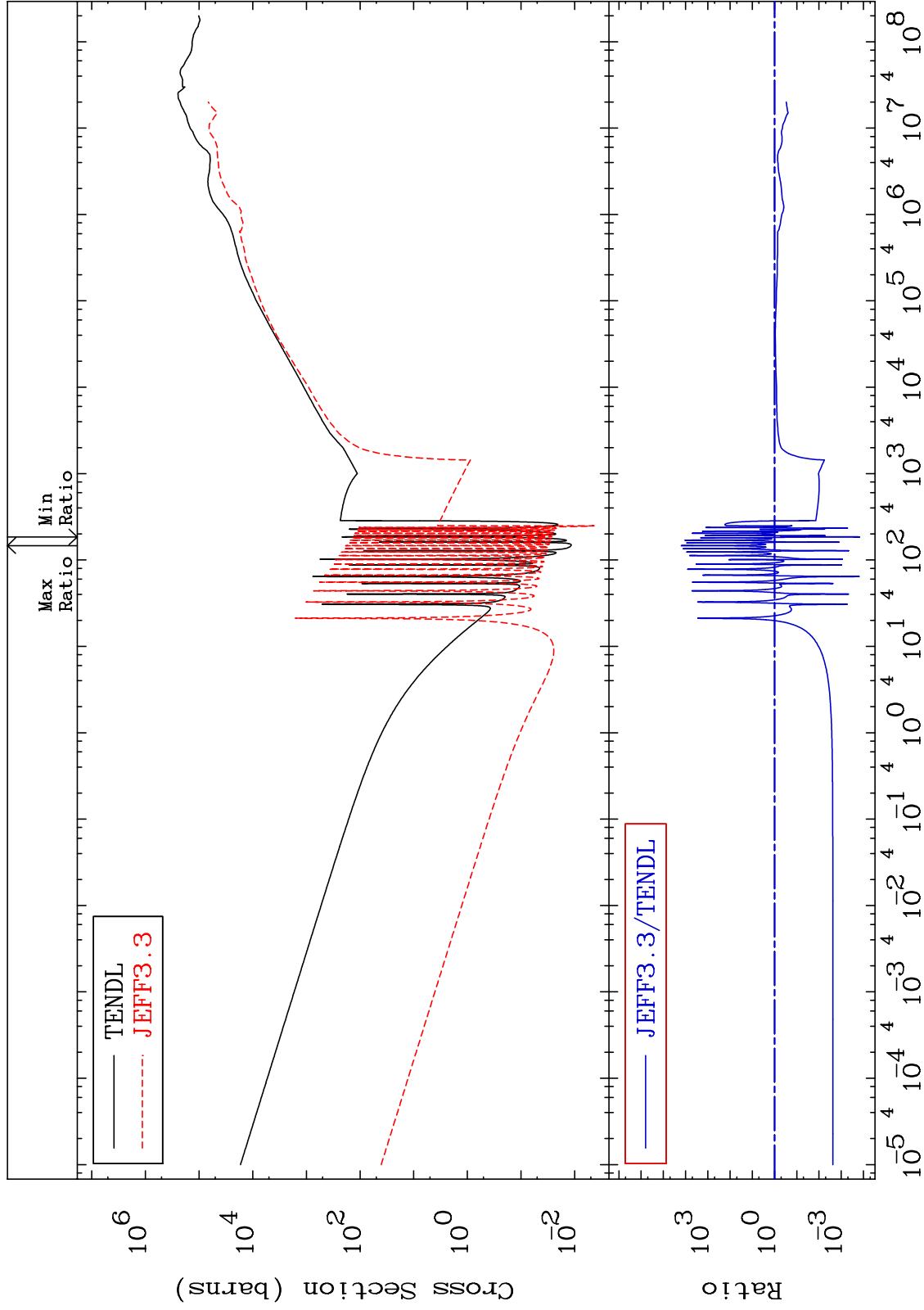
MAT 9452 Total kinematic kerma (high limit) 94-Pu-244
 Cross Section -100.0 To 9999. %



MAT 9452

Dpa total (eV-barns)
Cross Section

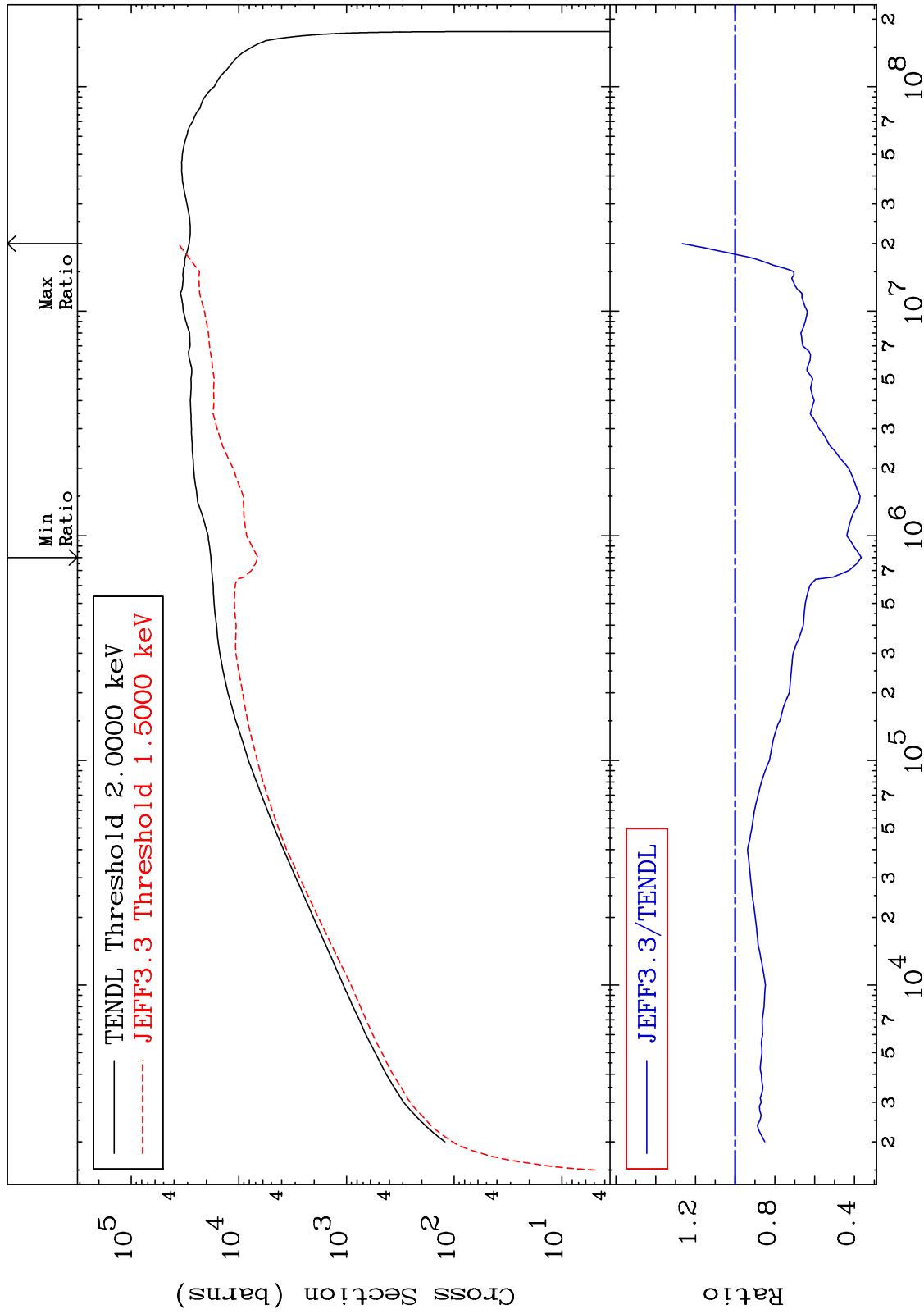
94-Pu-244
-99.99 To 9999. %



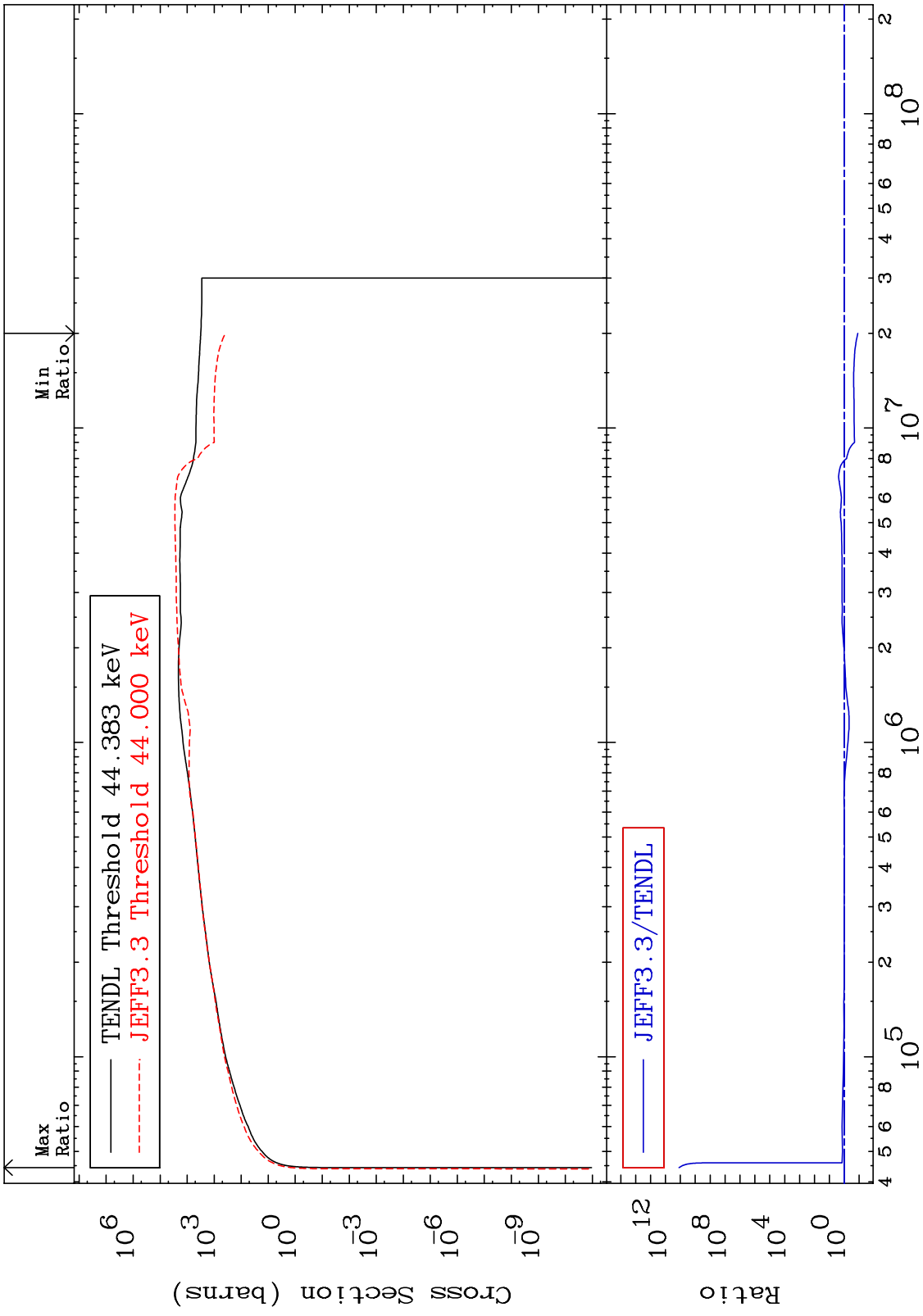
MAT 9452

Dpa elastic (mt2)
Cross Section

94-Pu-244
-63.43 To 26.51 %



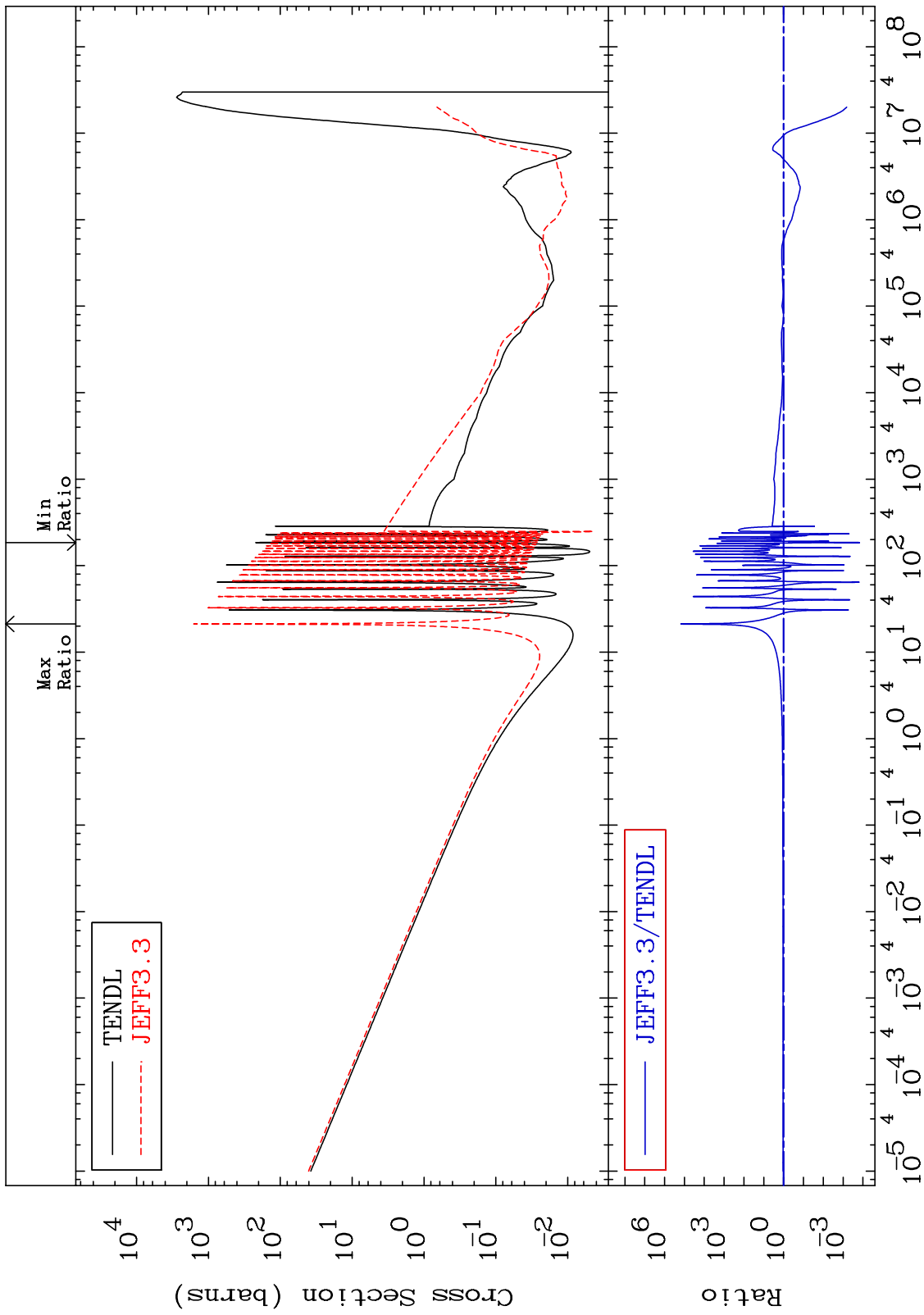
MAT 9452 Dpa inelastic (mt51-91) 94-Pu-244
 Cross Section -87.66 To 9999. %



MAT 9452

Dpa disappearance (mt102 -120)
Cross Section

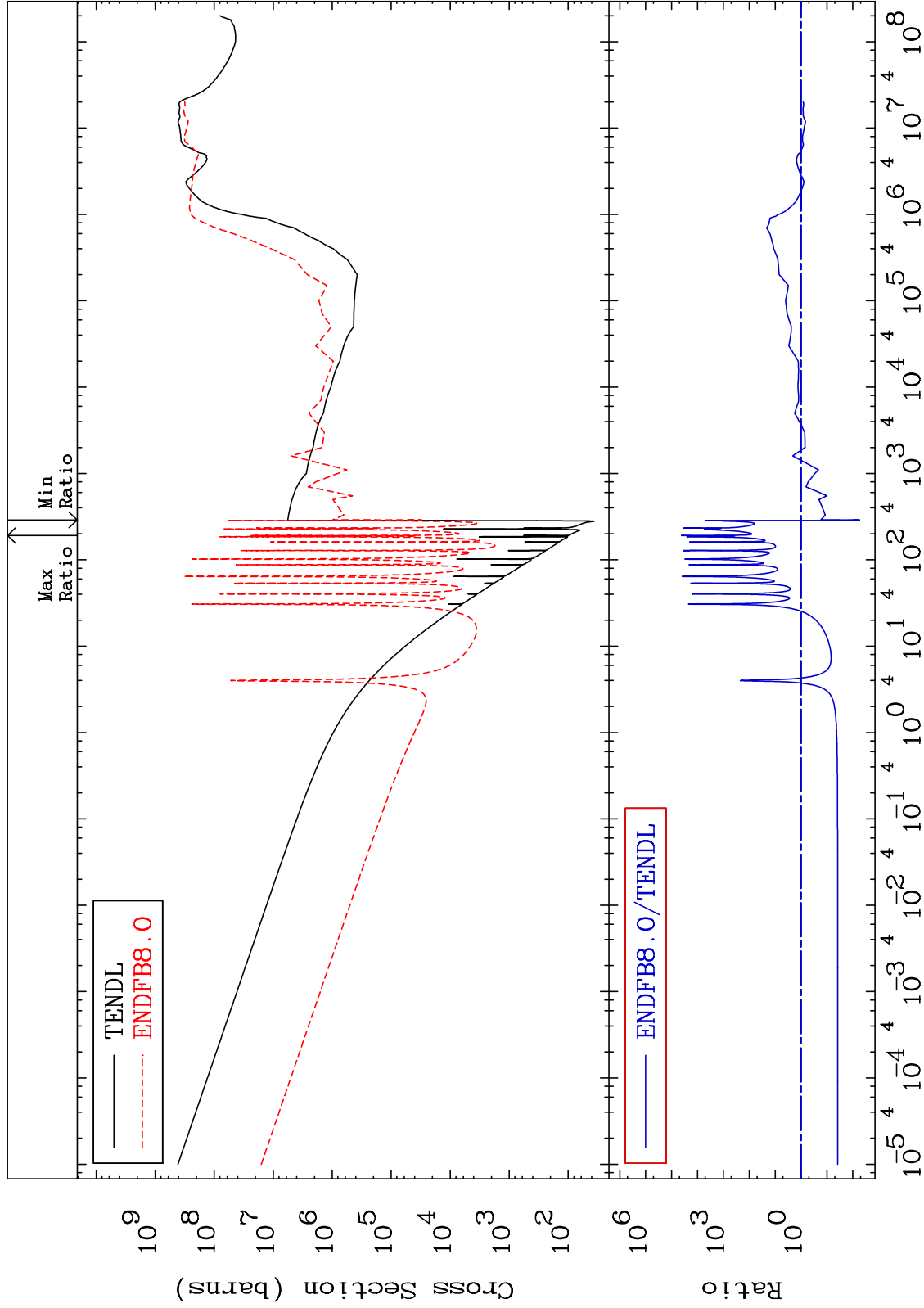
94-Pu-244
-99.99 To 9999. %



MAT 9452

Total kinematic kerma (high limit)
Cross Section

94-Pu-244
-99.46 To 9999. %



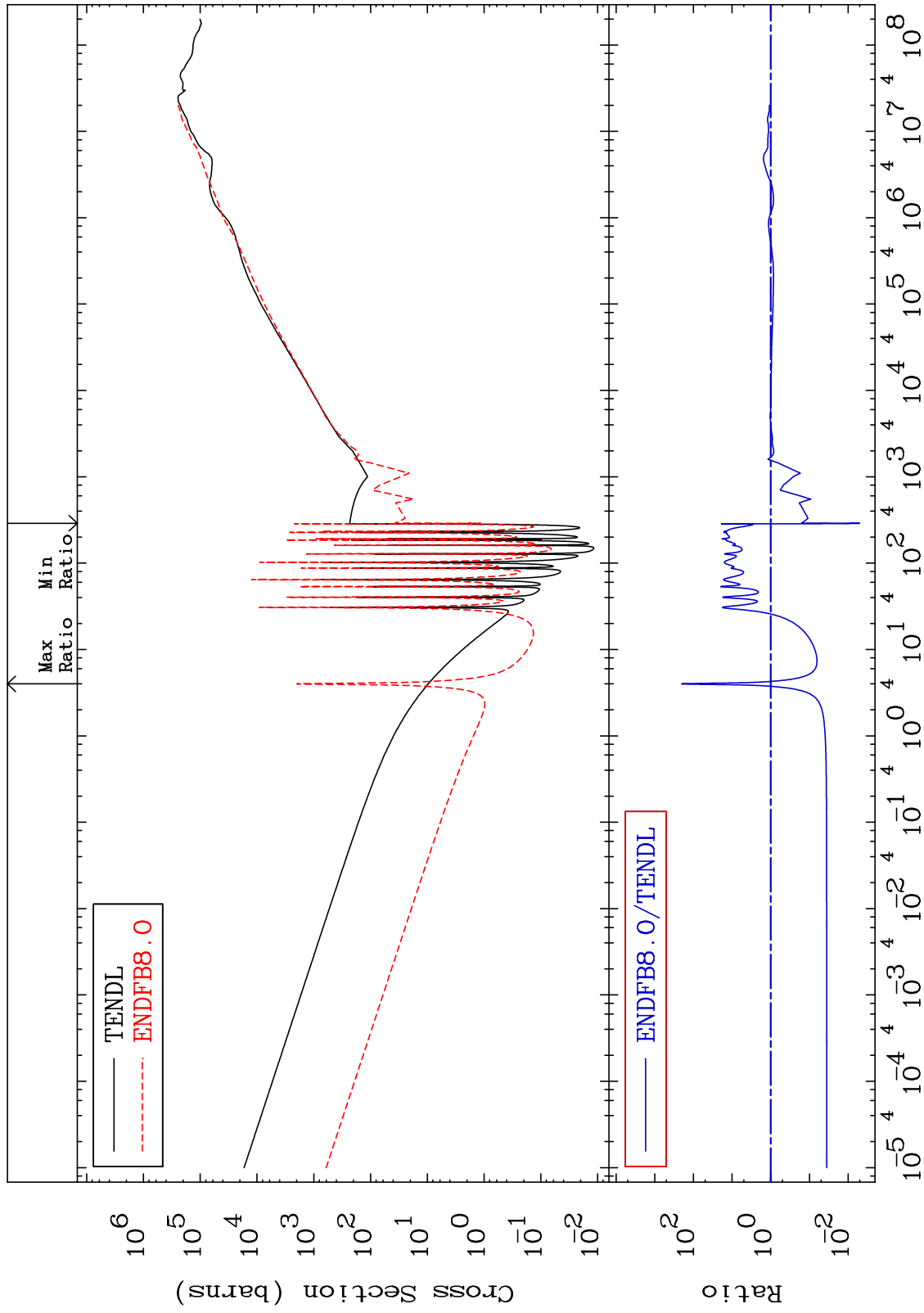
MAT 9452

Dpa total (eV-barns)

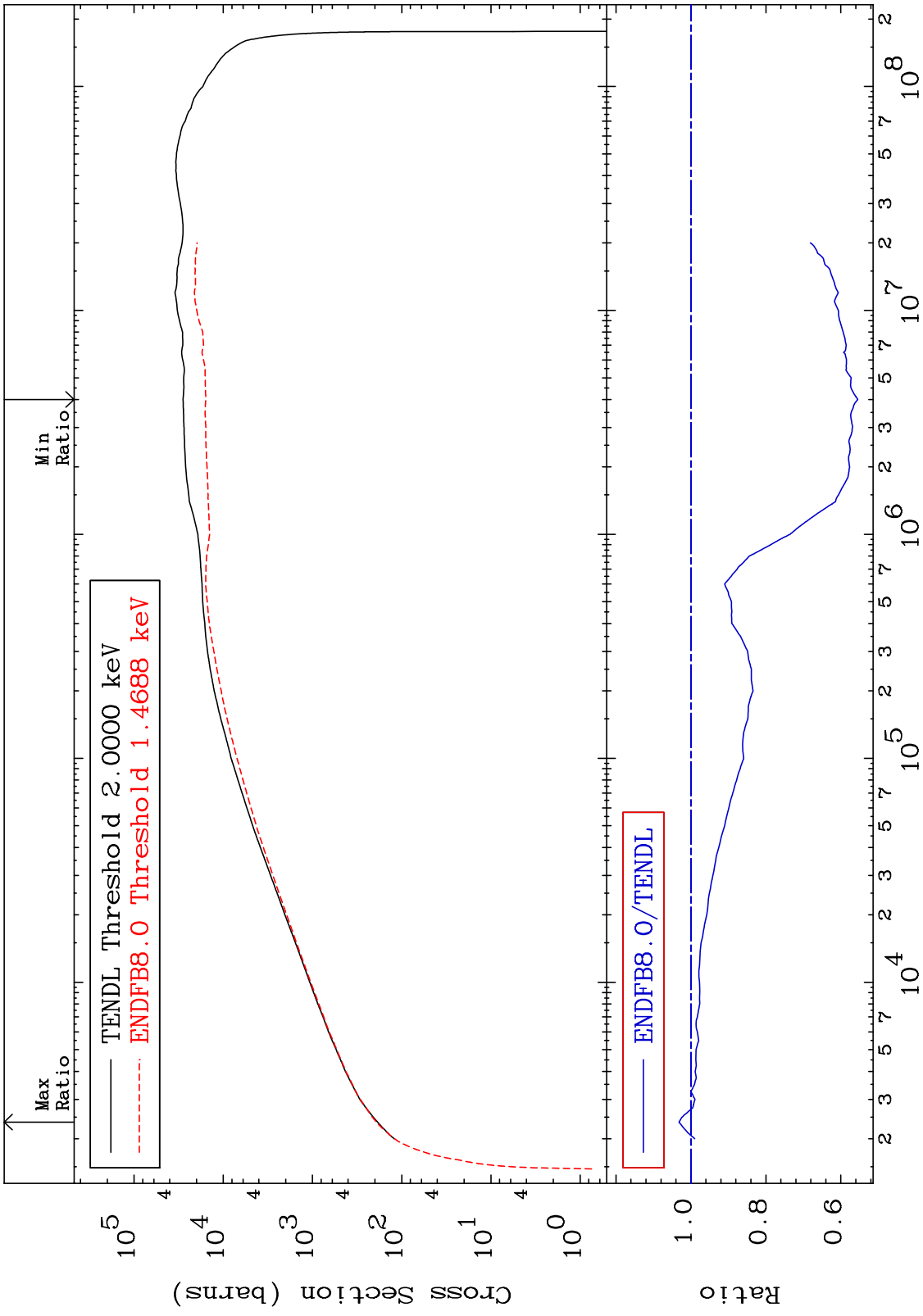
94-Pu-244

-99.50 To 9999. %

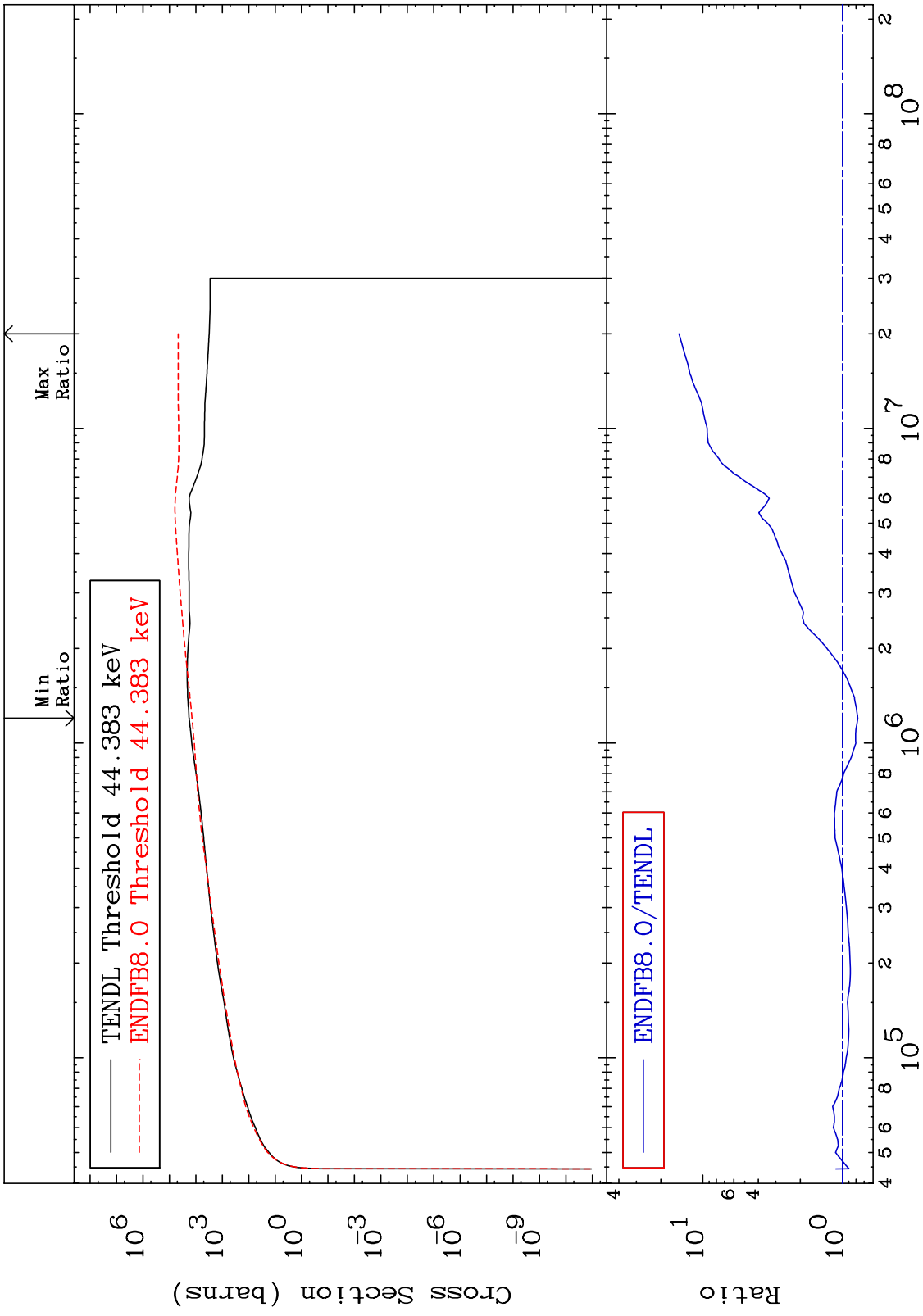
Cross Section



MAT 9452 94-Pu-244
 Dpa elastic (mt2) -44.54 To 3.172 %
 Cross Section



MAT 9452 Dpa inelastic (mt51-91) 94-Pu-244
 Cross Section -22.46 To 1381. %



MAT 9452 Dpa disappearance (mt102 -120) 94-Pu-244
 Cross Section -99.99 To 9999. %

