

Program Complot
(Version 2021-1)

by

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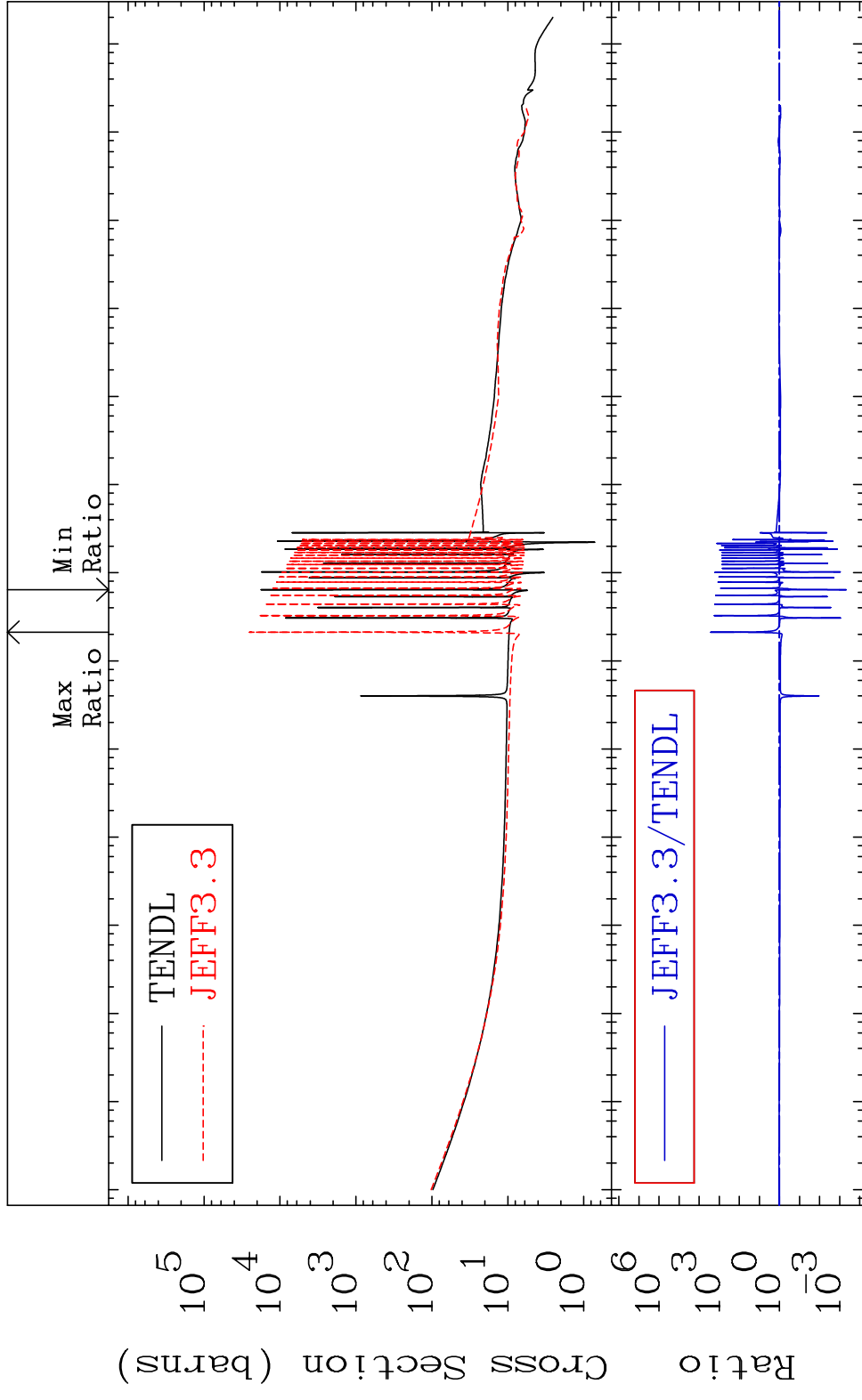
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9452

Total Cross Section -99.95 To 9999. %

94-Pu-244



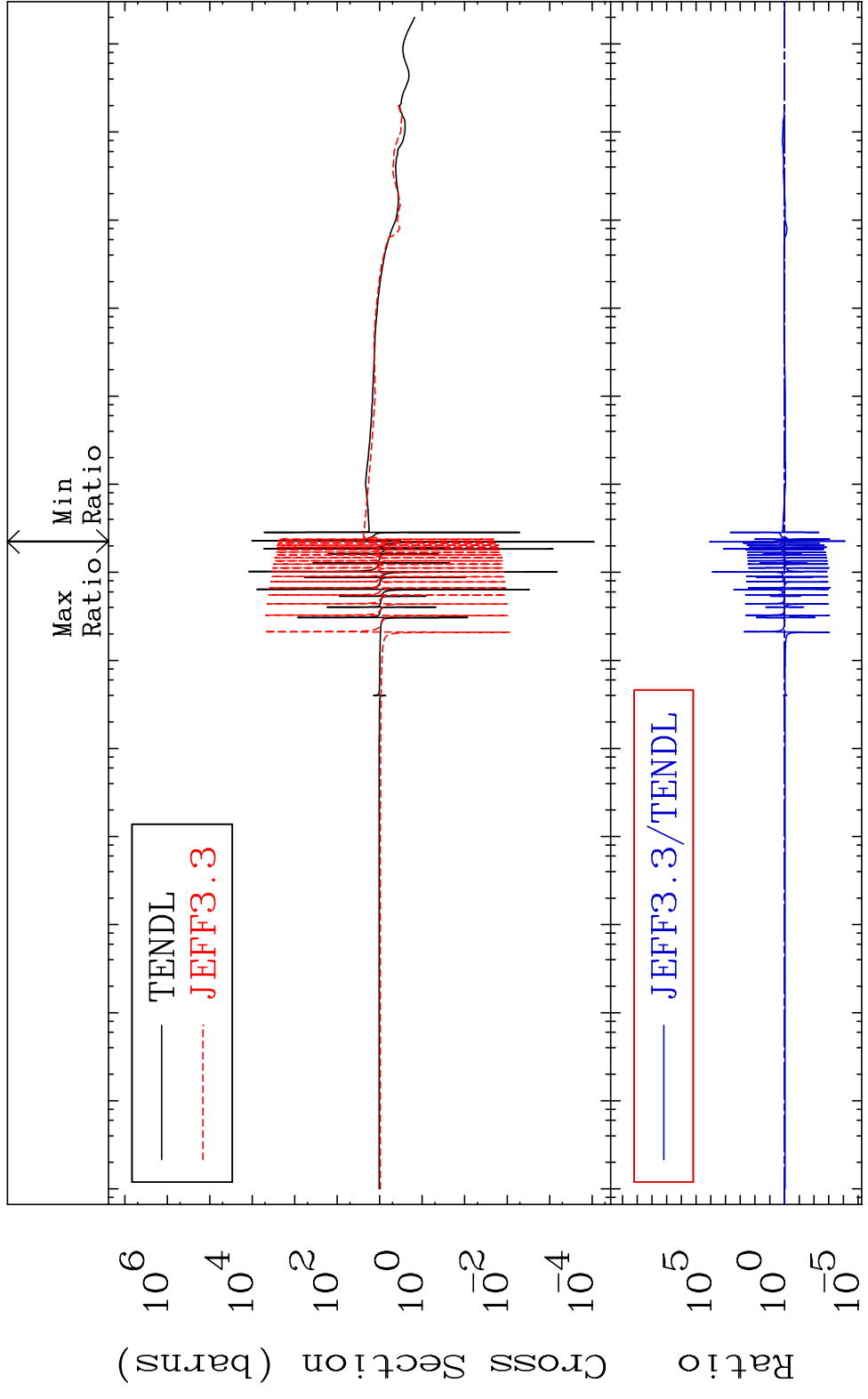
1

Incident Energy (eV)

94-Pu-244

MAT 9452

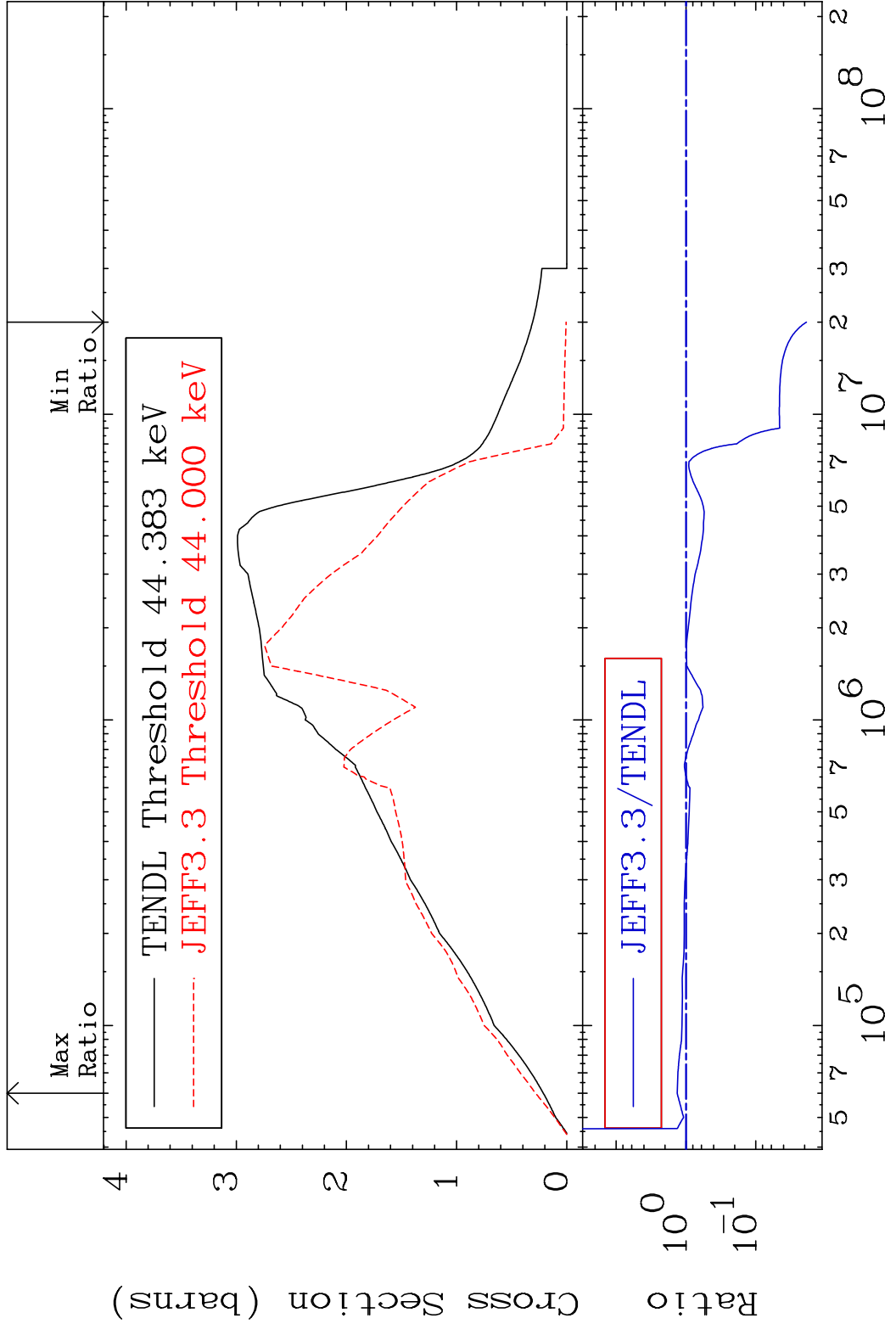
Elastic Cross Section -99.99 To 9999. %
94-Pu-244



2

Incident Energy (eV) 94-Pu-244

MAT 9452 Inelastic 94-Pu-244
 Cross Section -98.12 To 33.64 %



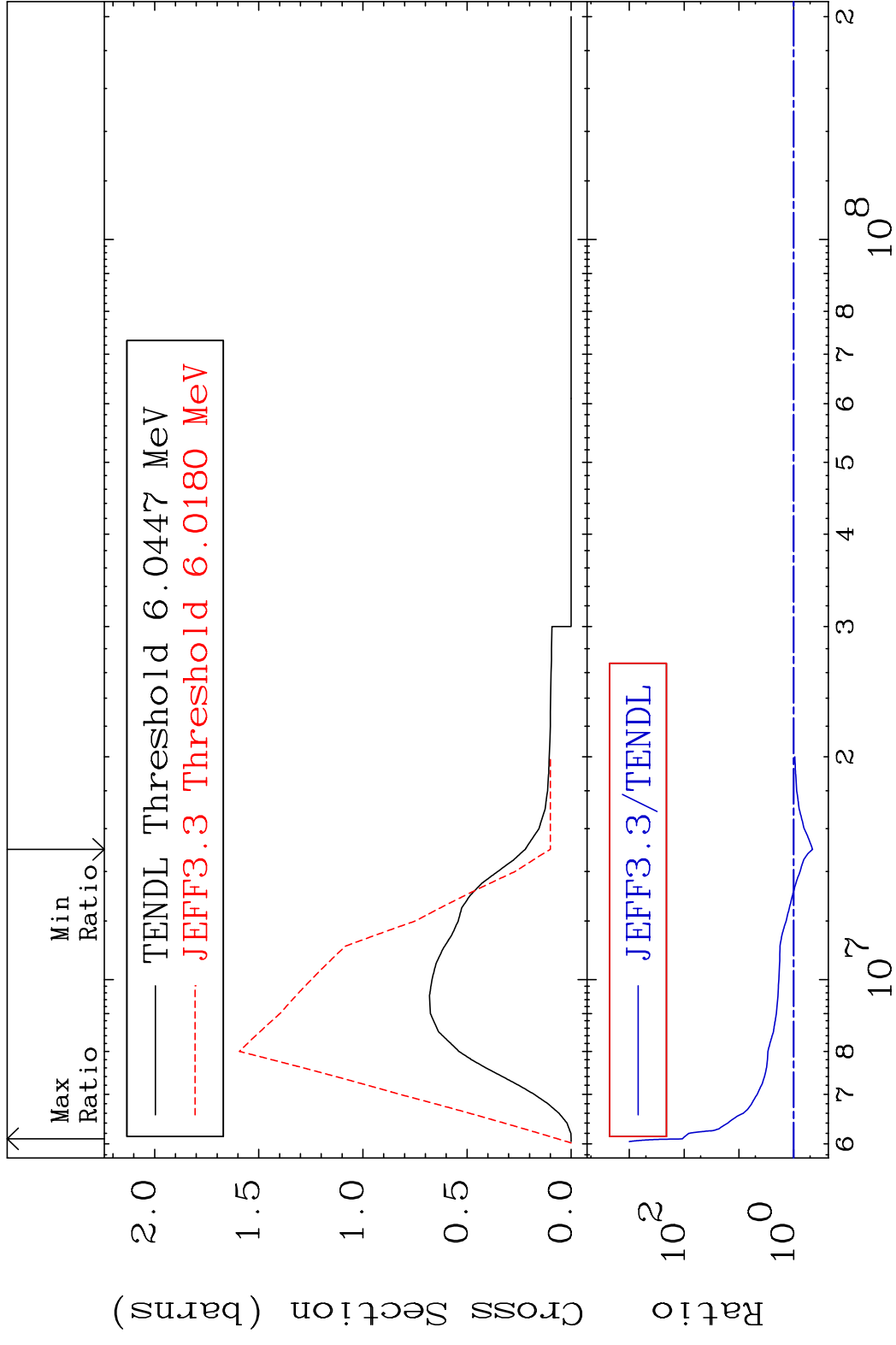
3 3 Incident Energy (eV) 94-Pu-244

MAT 9452

(n,2n)

94-Pu-244

Cross Section -54.70 To 9999. %



4

Incident Energy (eV)

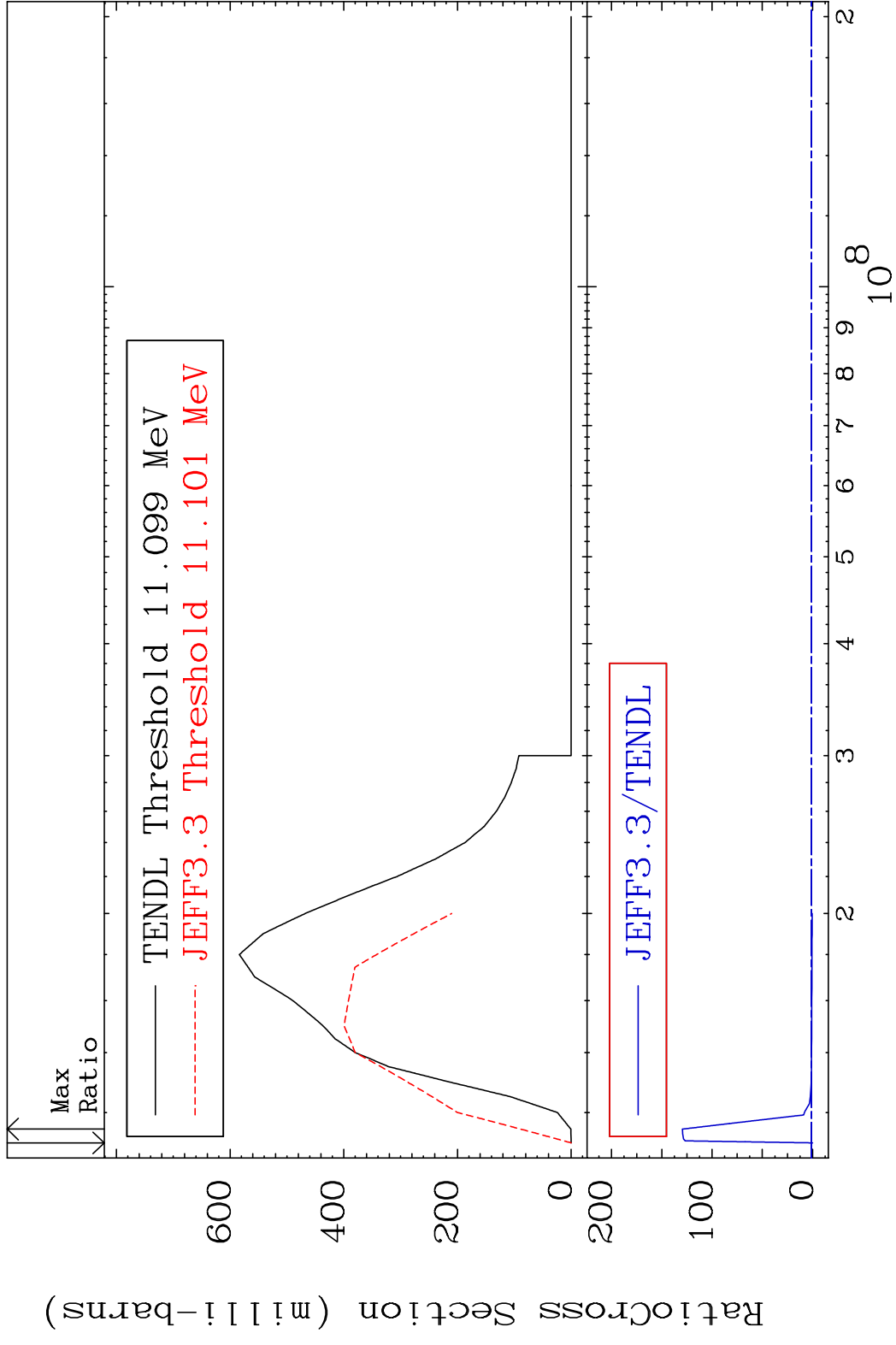
94-Pu-244

MAT 9452

(n,3n)

94-Pu-244

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

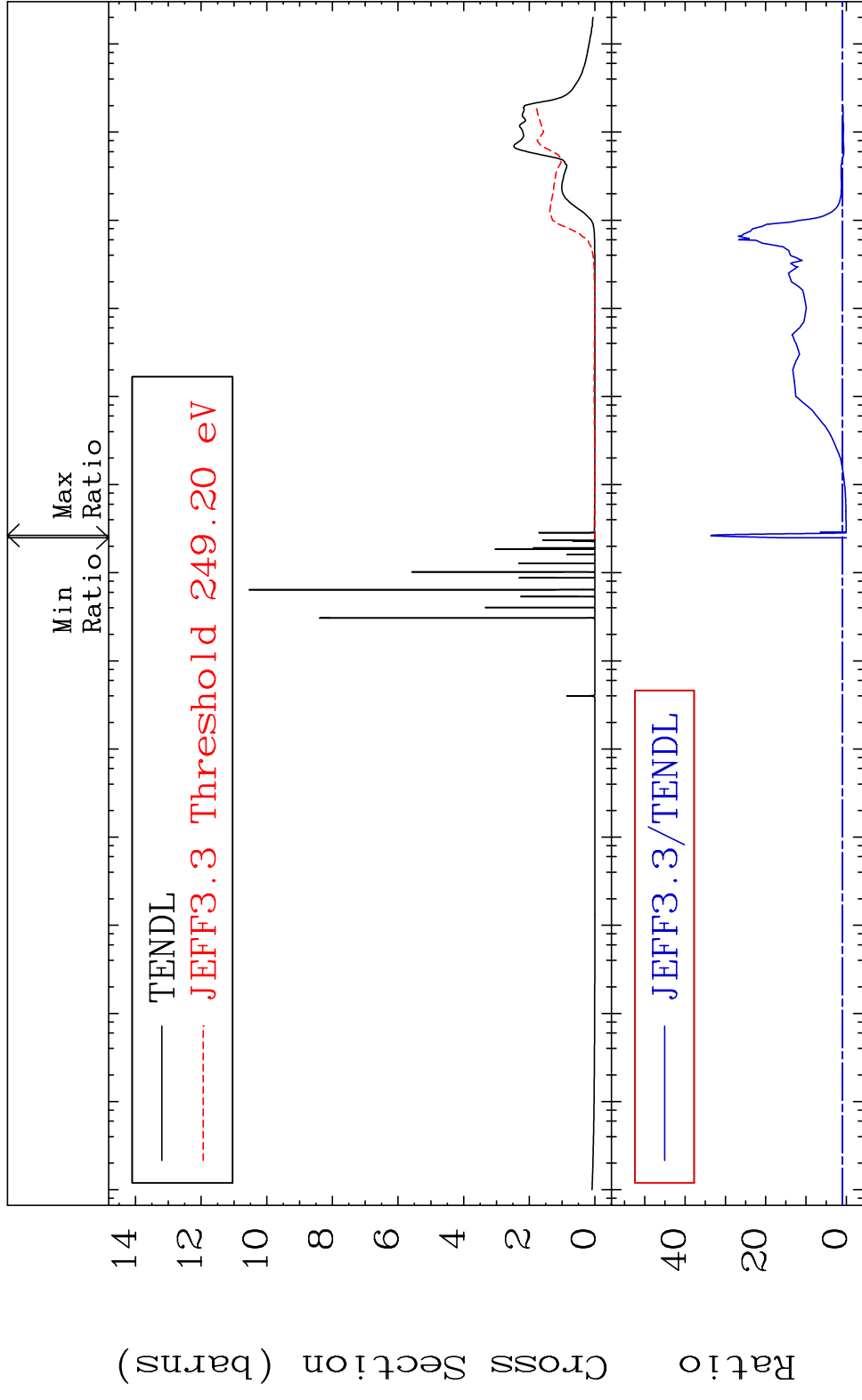
94-Pu-244

MAT 9452

Fission

94-Pu-244

Cross Section -100.0 To 3264. %

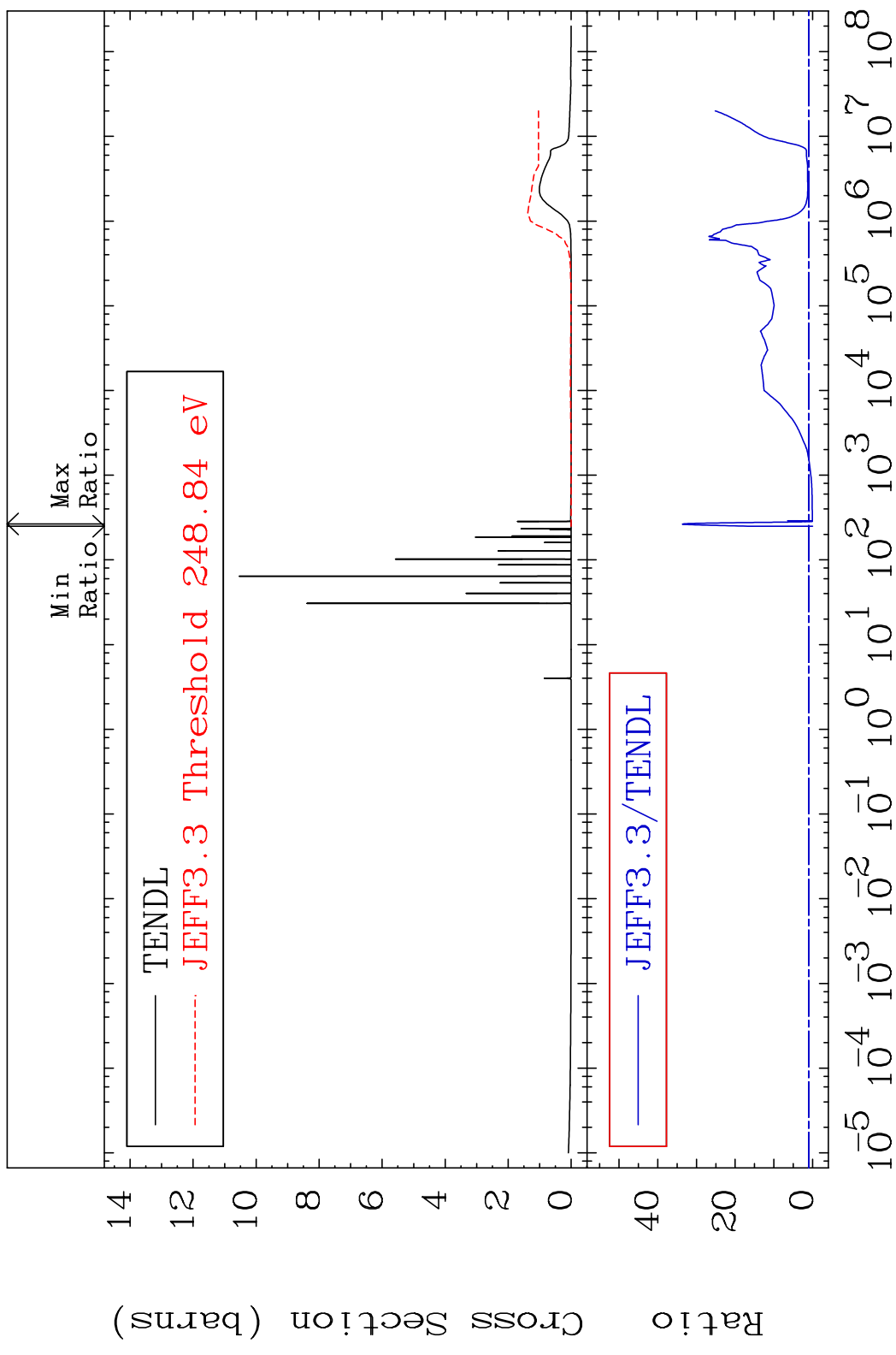


MAT 9452

(n,f) First Chance

94-Pu-244

Cross Section -100.0 To 3264. %

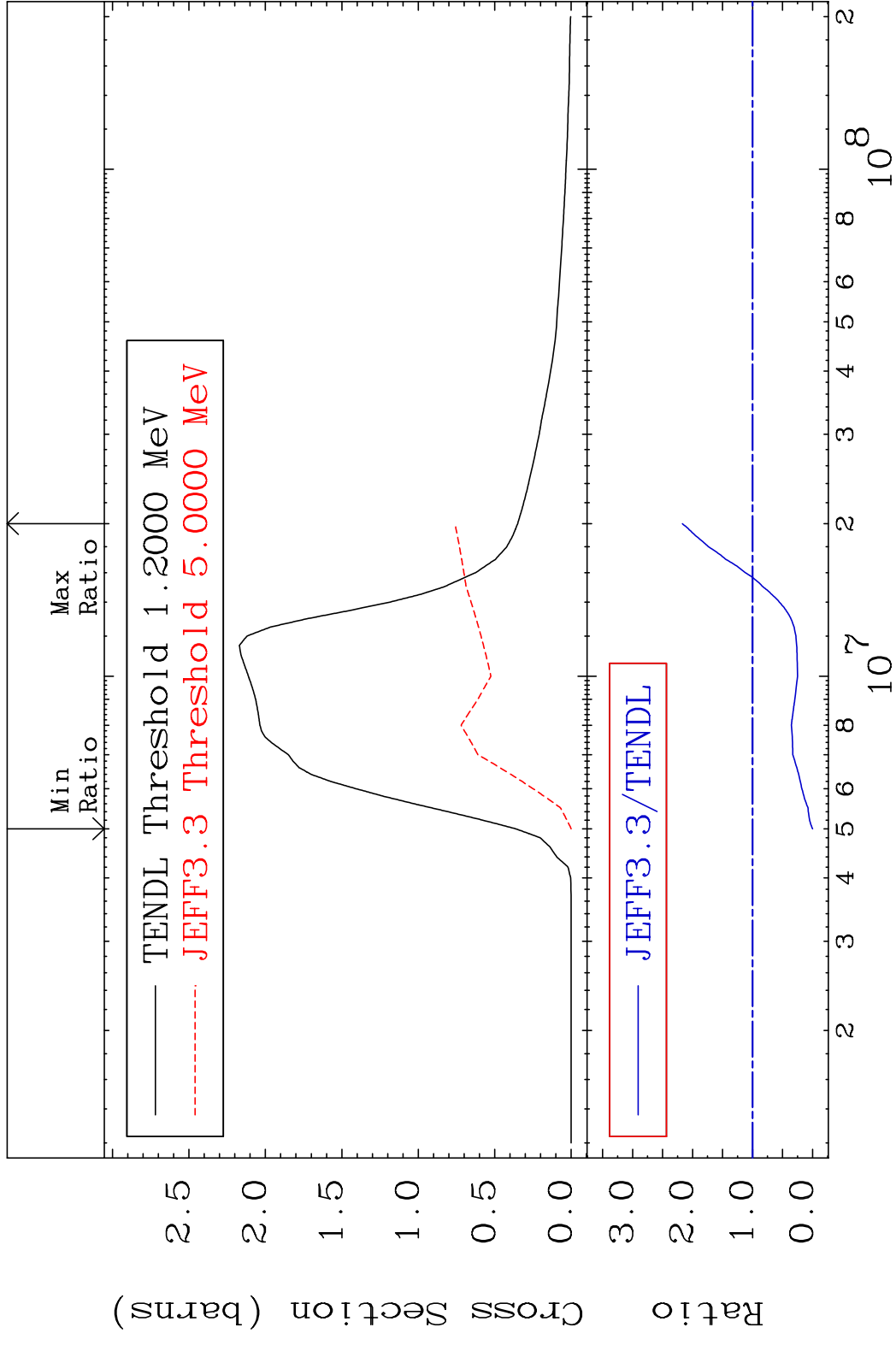


7

Incident Energy (eV)

94-Pu-244

MAT 9452 (n, nf) Second Chance 94-Pu-244
 Cross Section -100.0 To 117.0 %

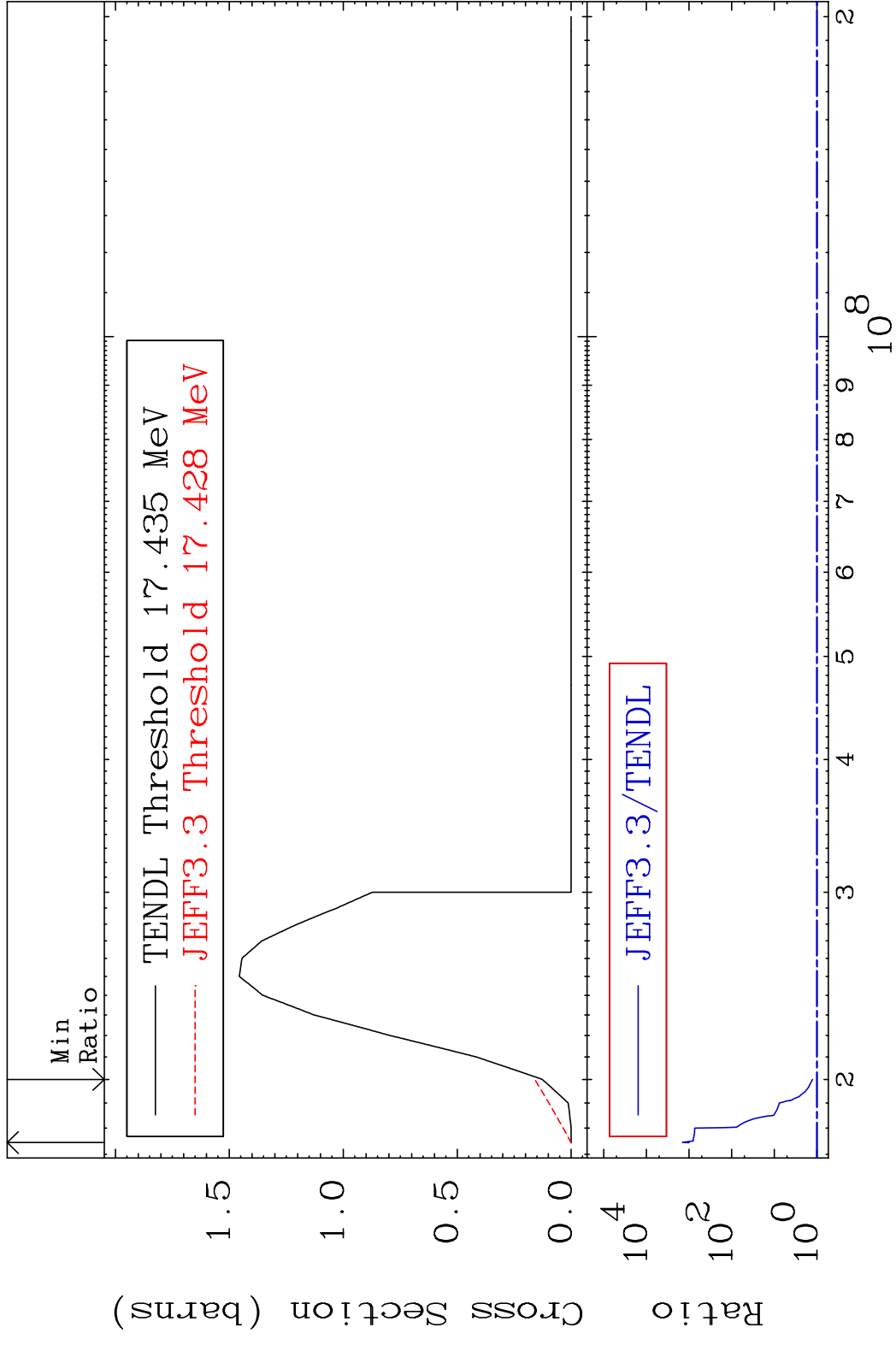


MAT 9452

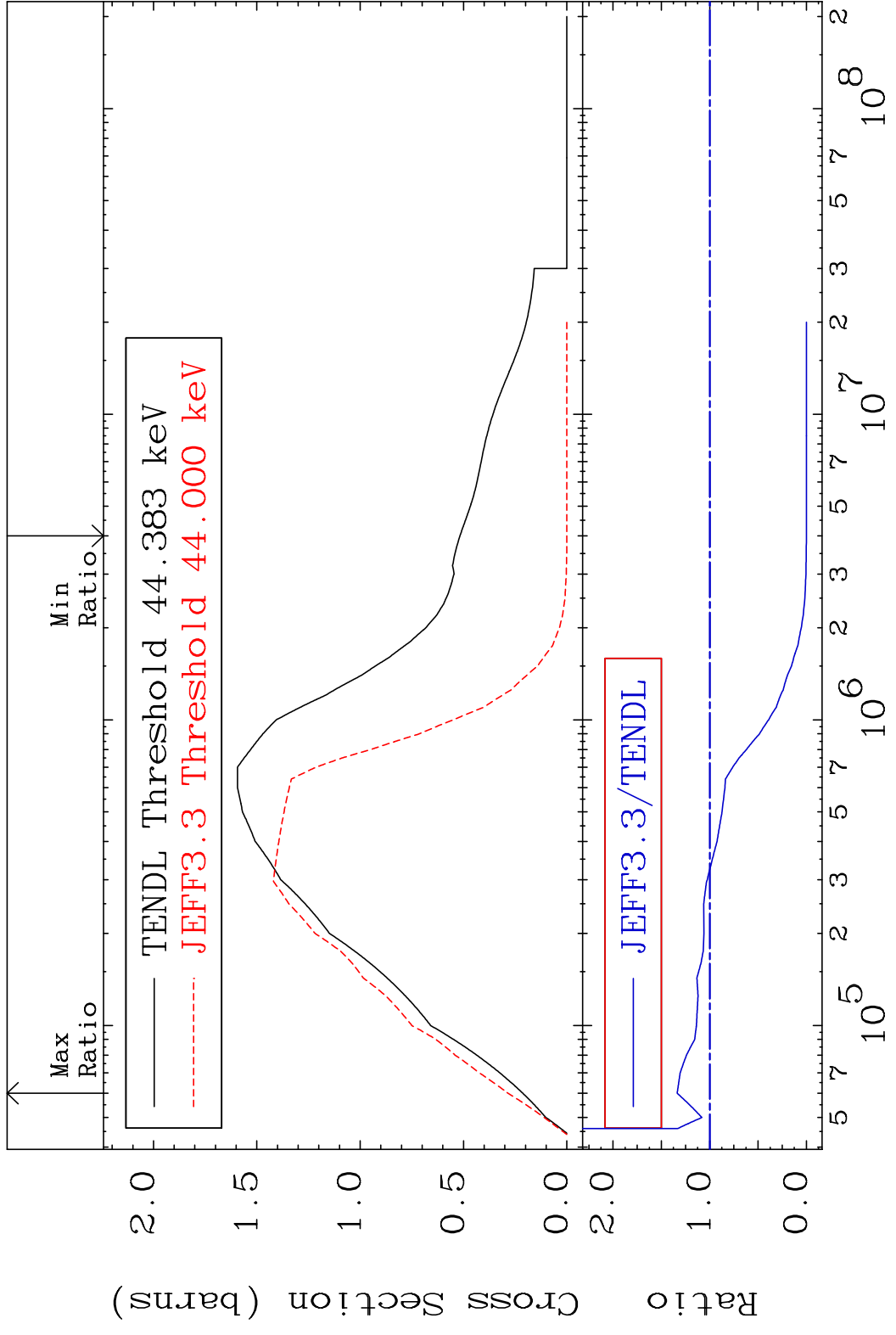
(n, 4n)

94-Pu-244

Cross Section 26.30 To 9999. %

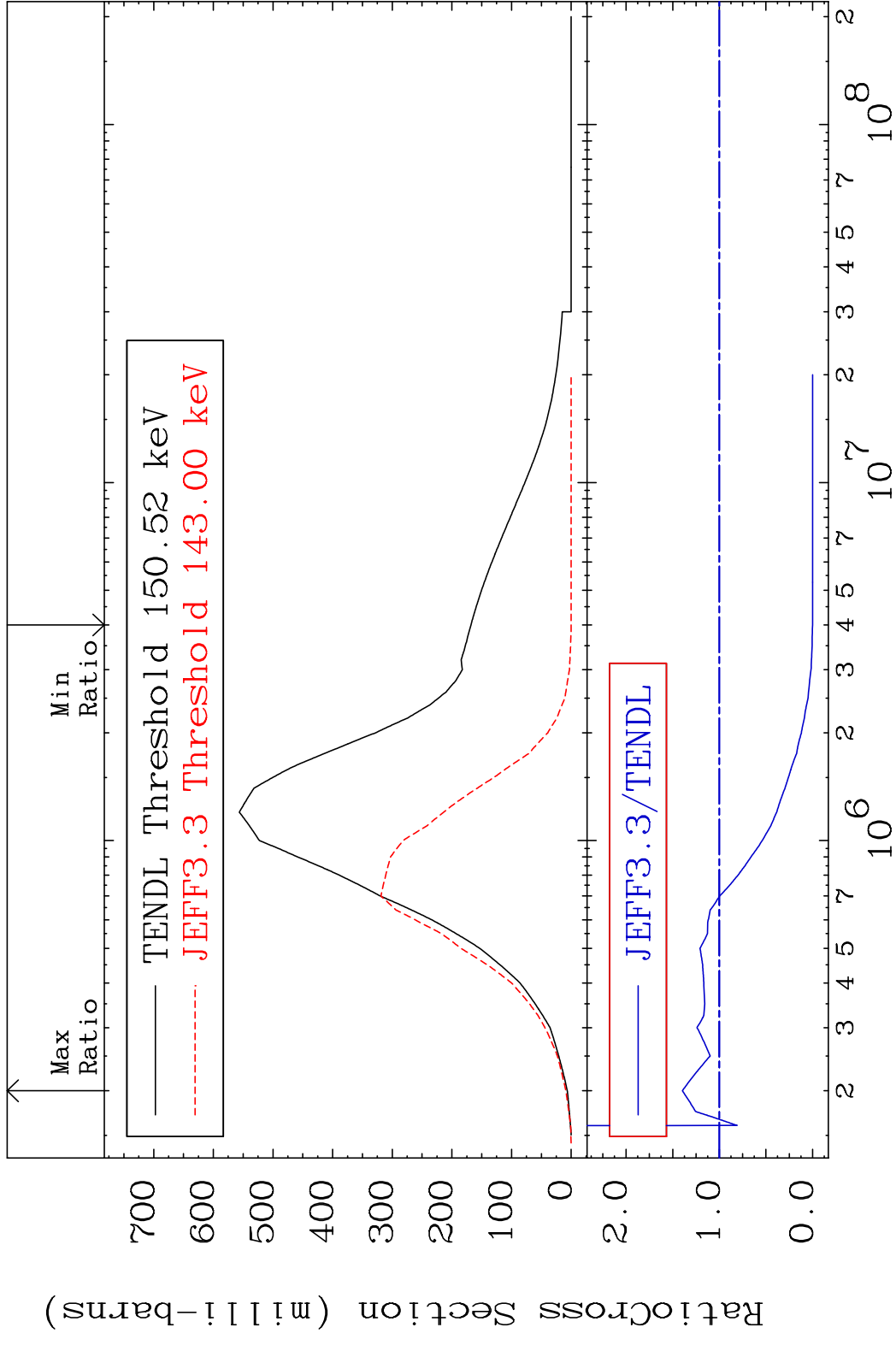


MAT 9452 MT= 51 (n, n') Level 94-Pu-244
 Cross Section -100.0 To 33.64 %

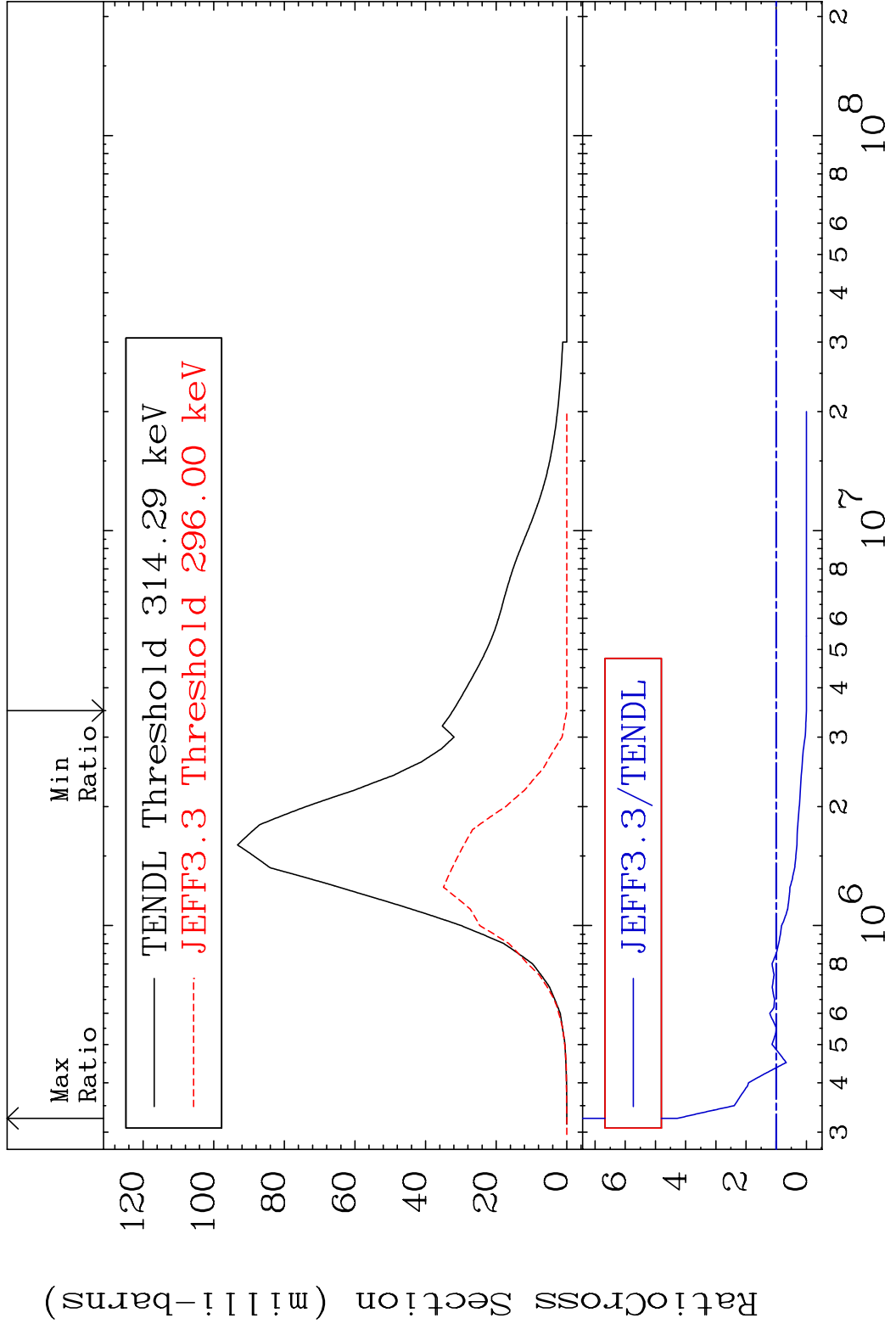


10 Incident Energy (eV) 94-Pu-244

MAT 9452 MT= 52 (n, n') Level 94-Pu-244
 Cross Section -100.0 To 39.66 %

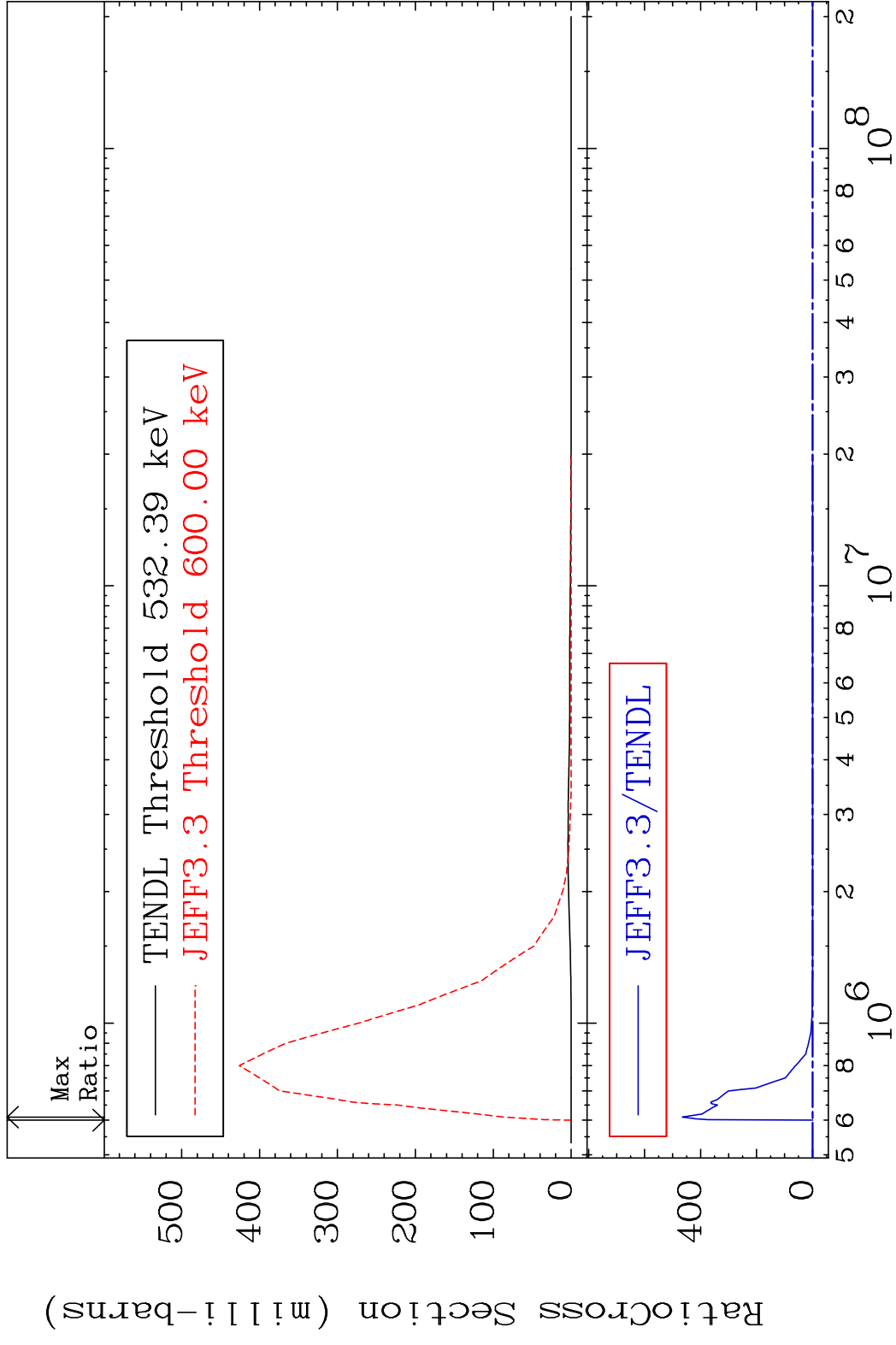


MAT 9452 MT= 53 (n, n') Level 94-Pu-244
 Cross Section -100.0 To 328.0 %

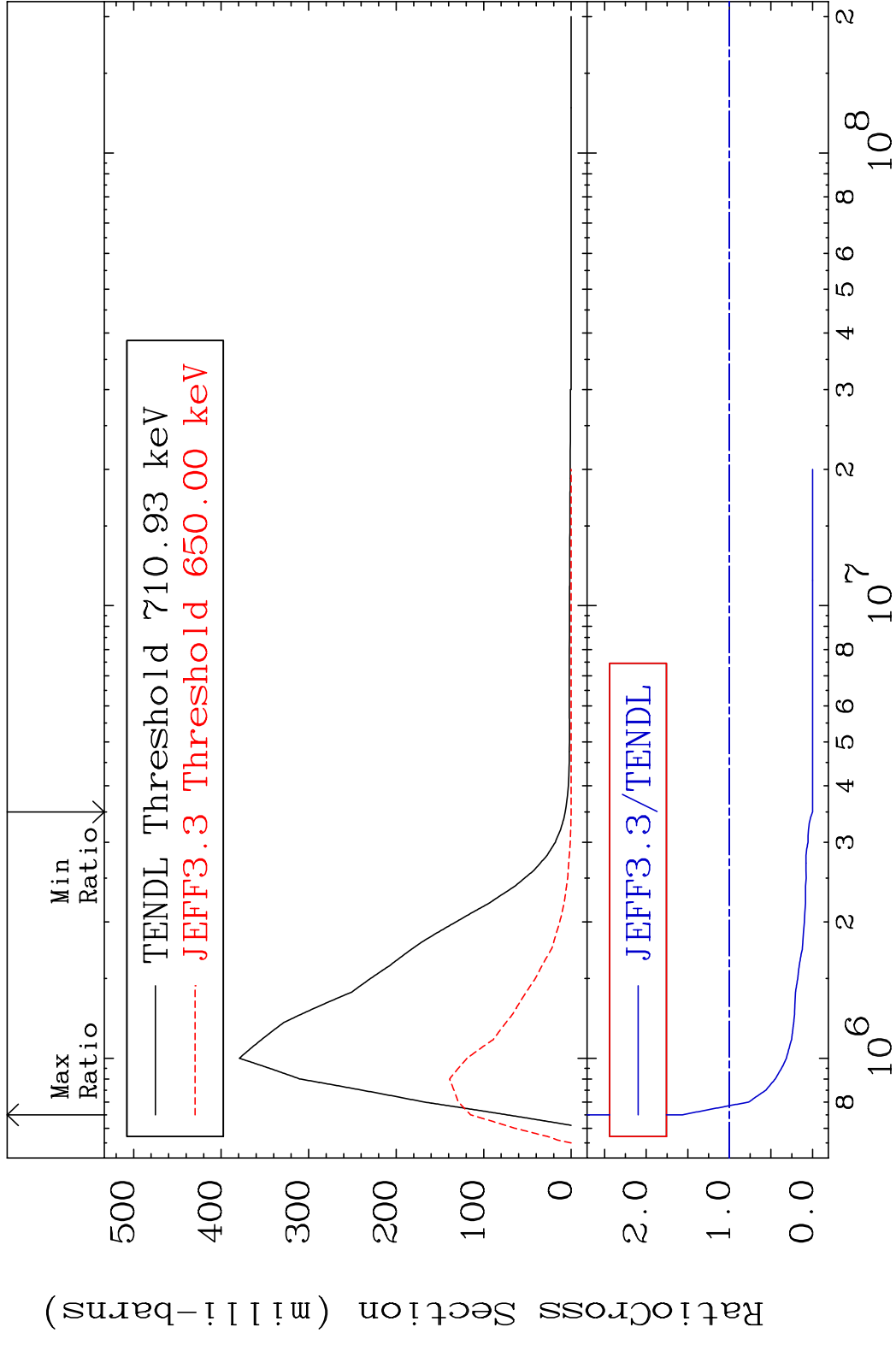


12 Incident Energy (eV) 94-Pu-244

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 56.56 %

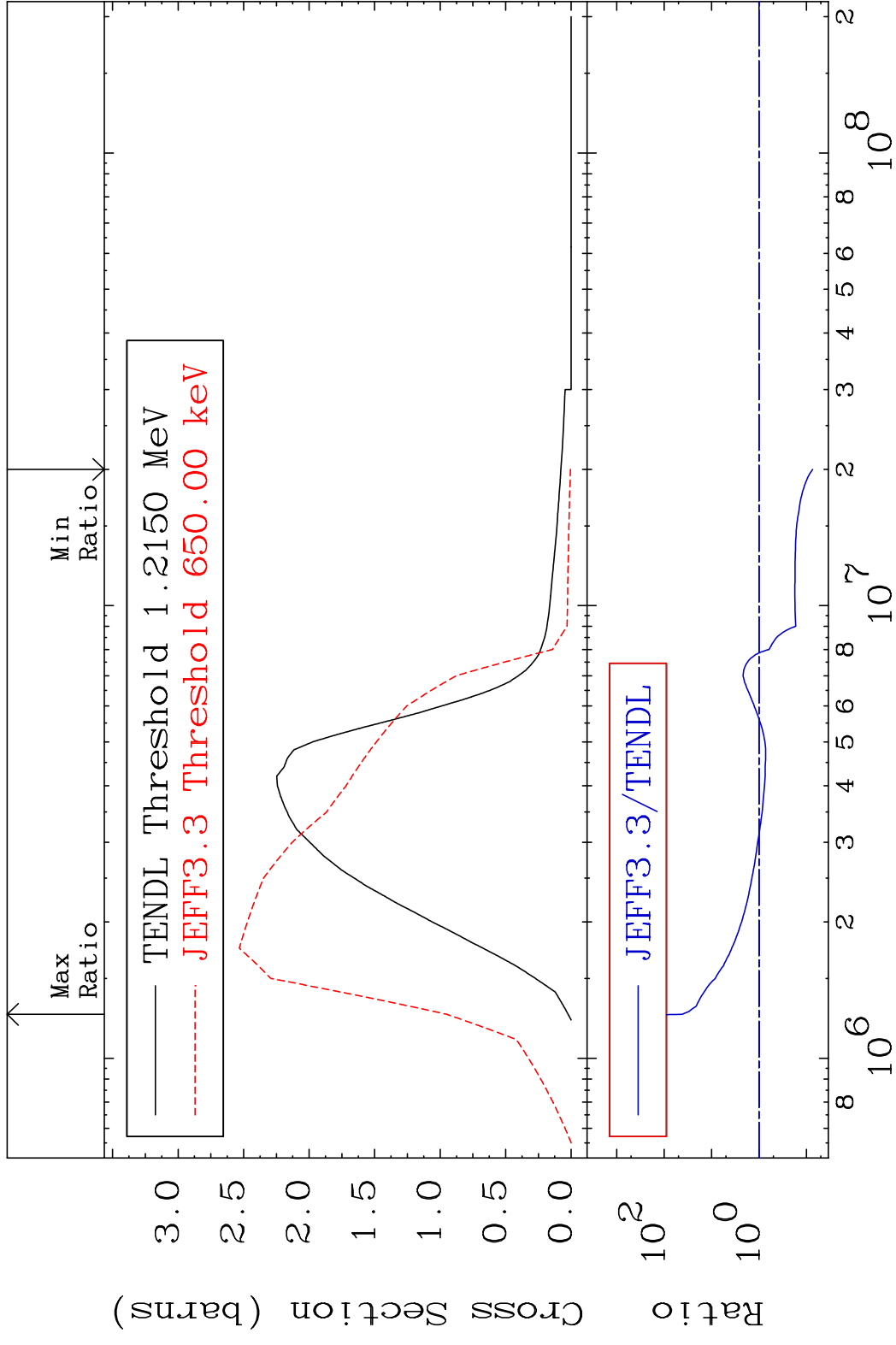


MAT 9452

(n,n') Continuum

94-Pu-244

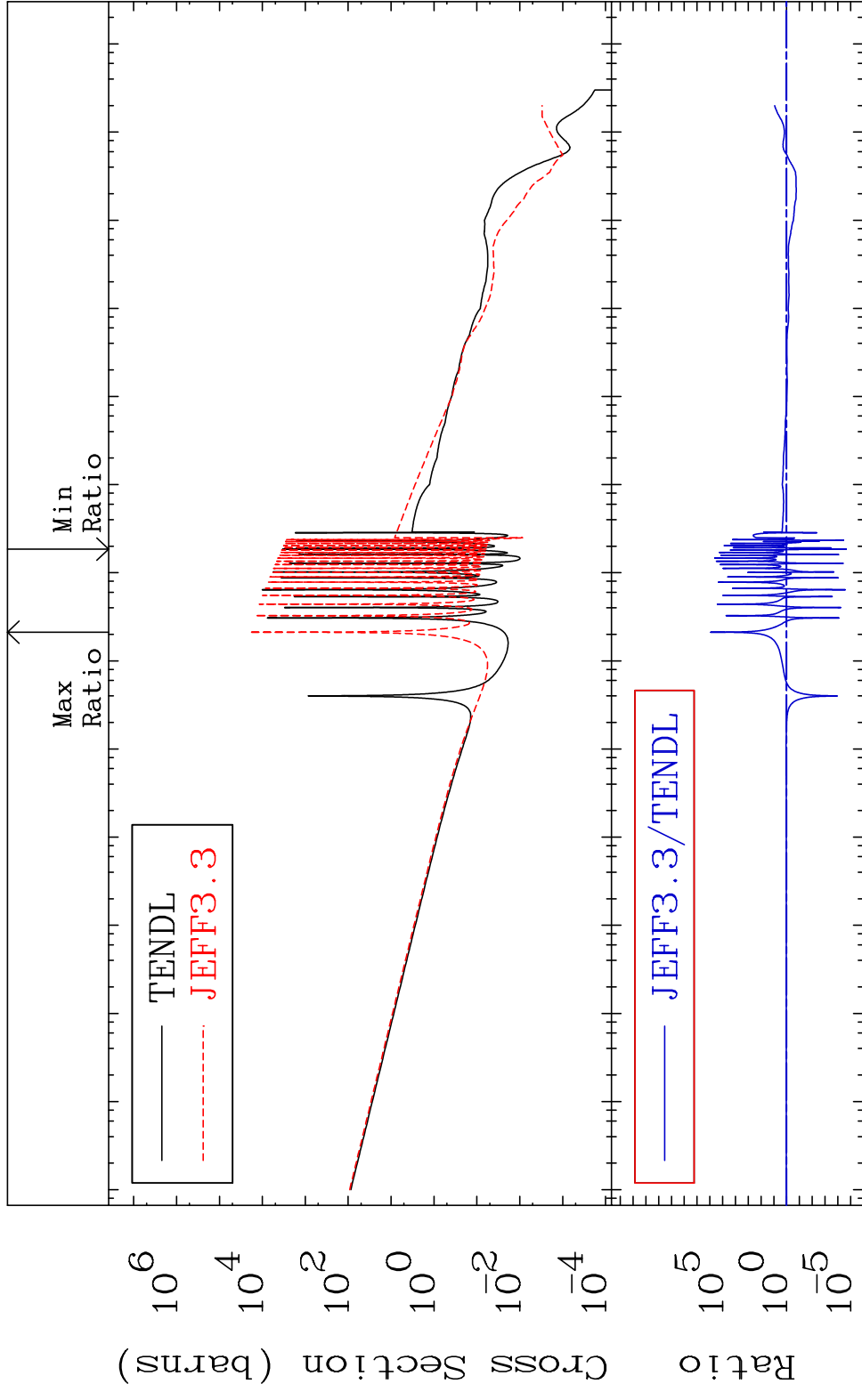
Cross Section -92.53 To 4036. %



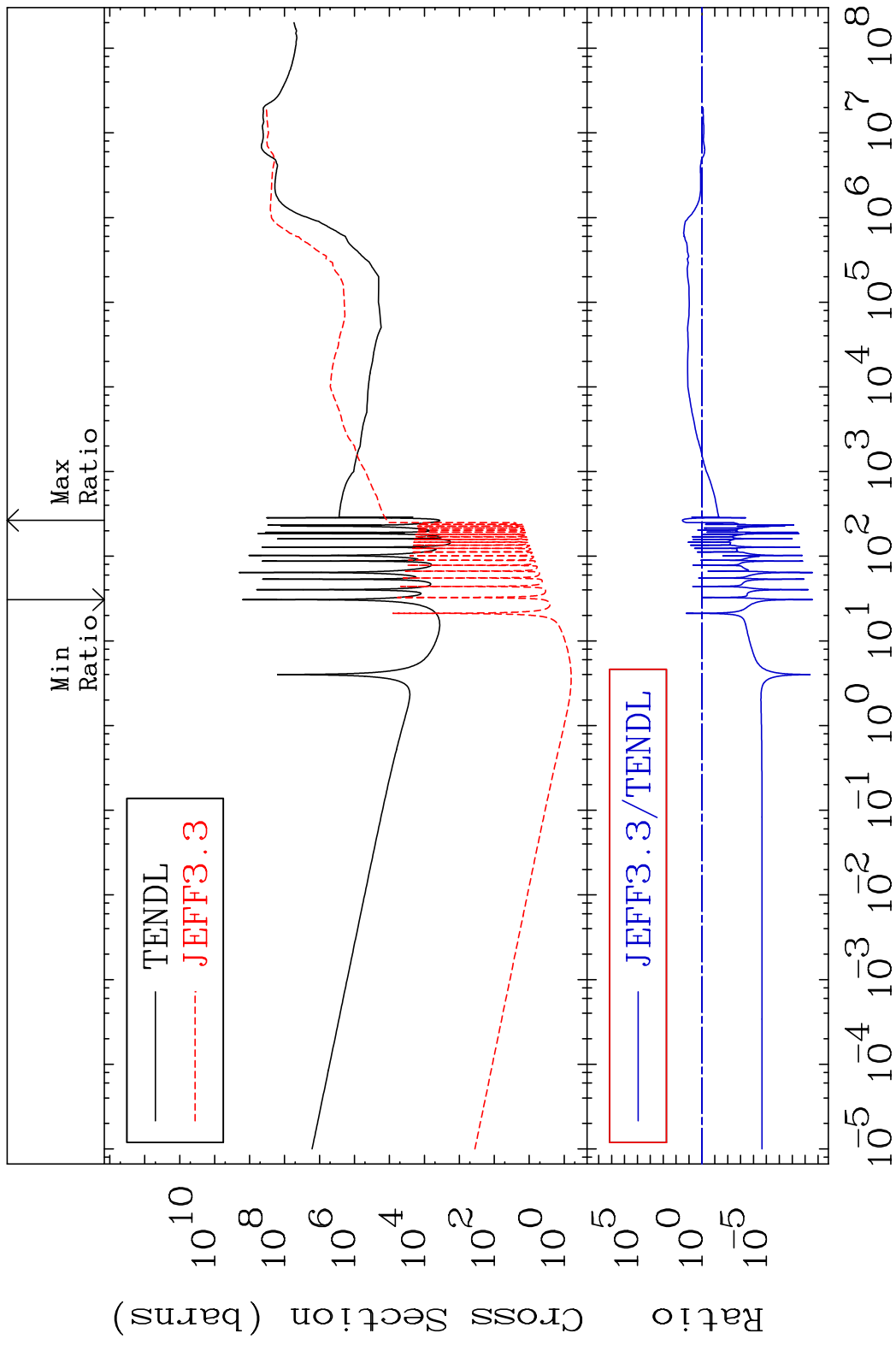
MAT 9452

(n, γ)
Cross Section -100.0 To 9999. %

94-Pu-244



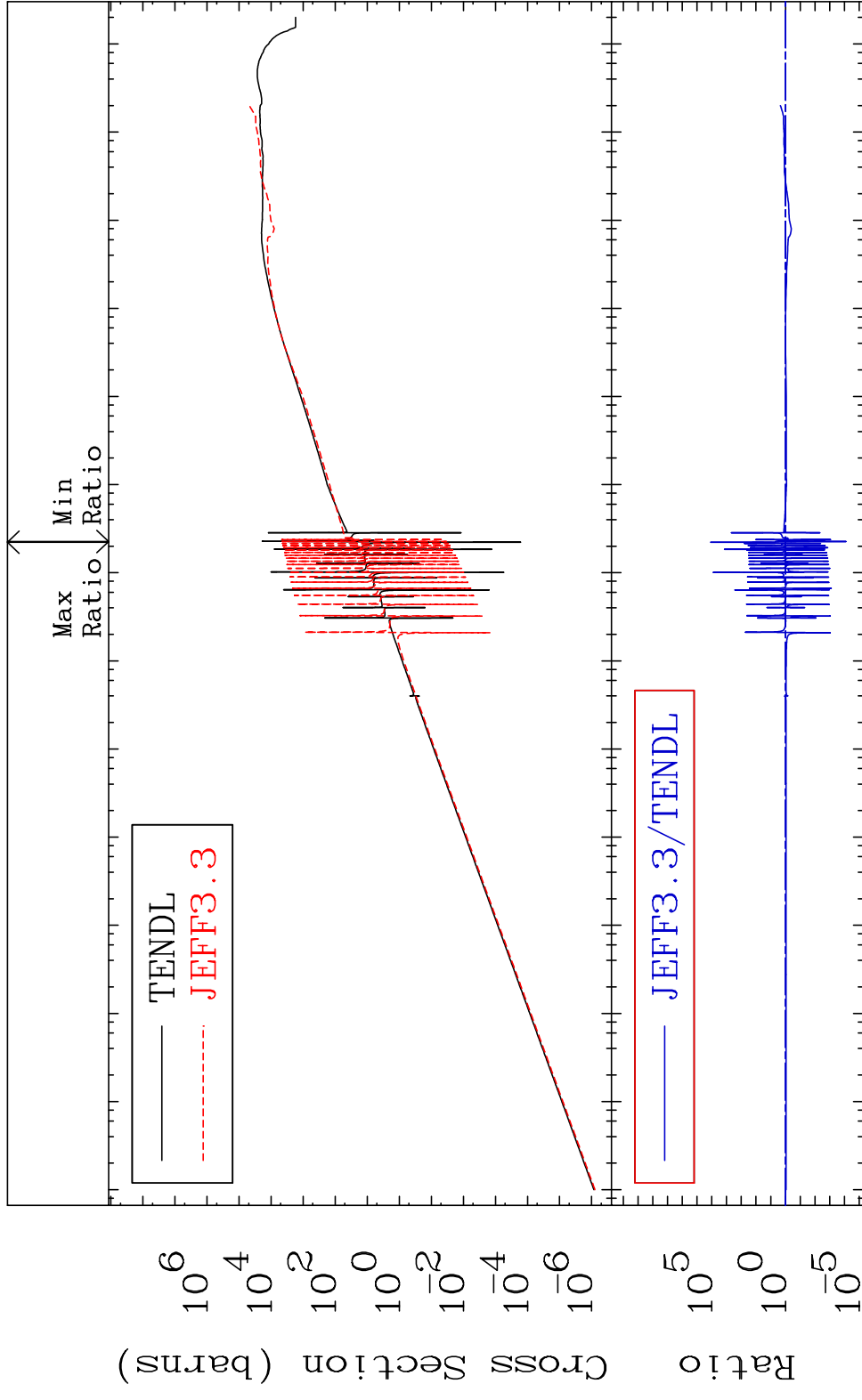
MAT 9452 Kerma total (eV-barns) 94-Pu-244
 Cross Section -100.0 To 3179. %



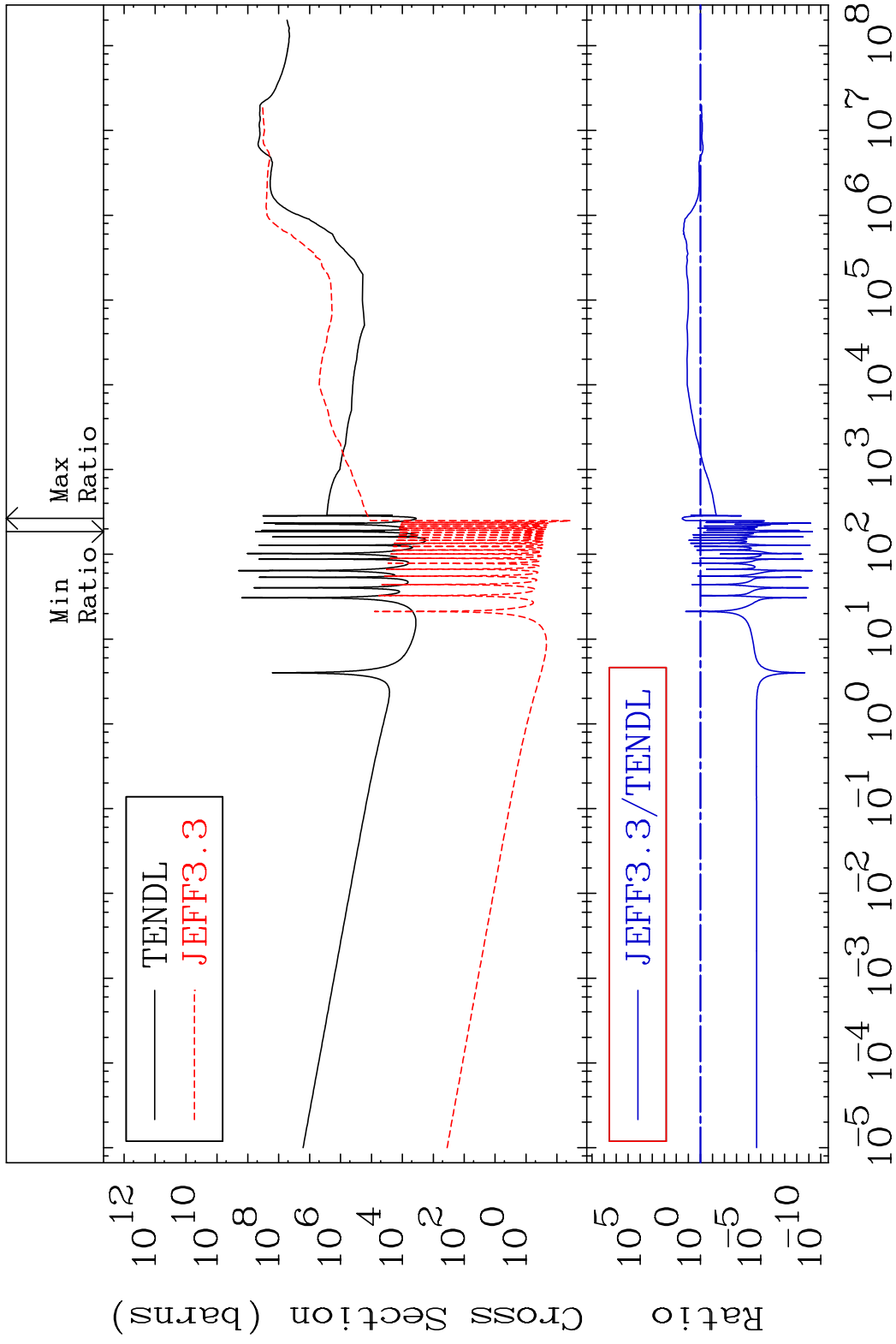
17 Incident Energy (eV) 94-Pu-244

MAT 9452

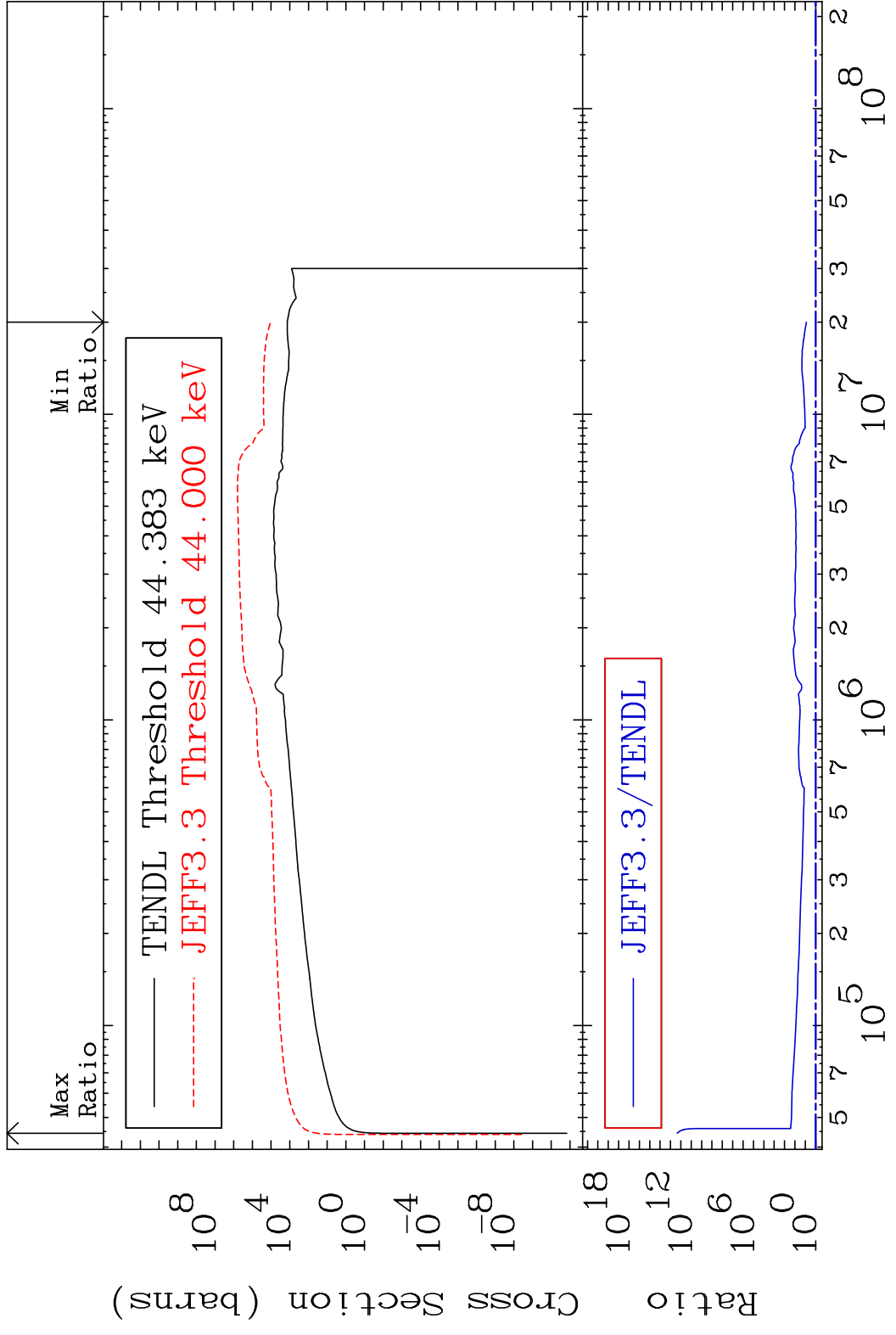
Kerma elastic
Cross Section -99.99 To 9999. %
94-Pu-244



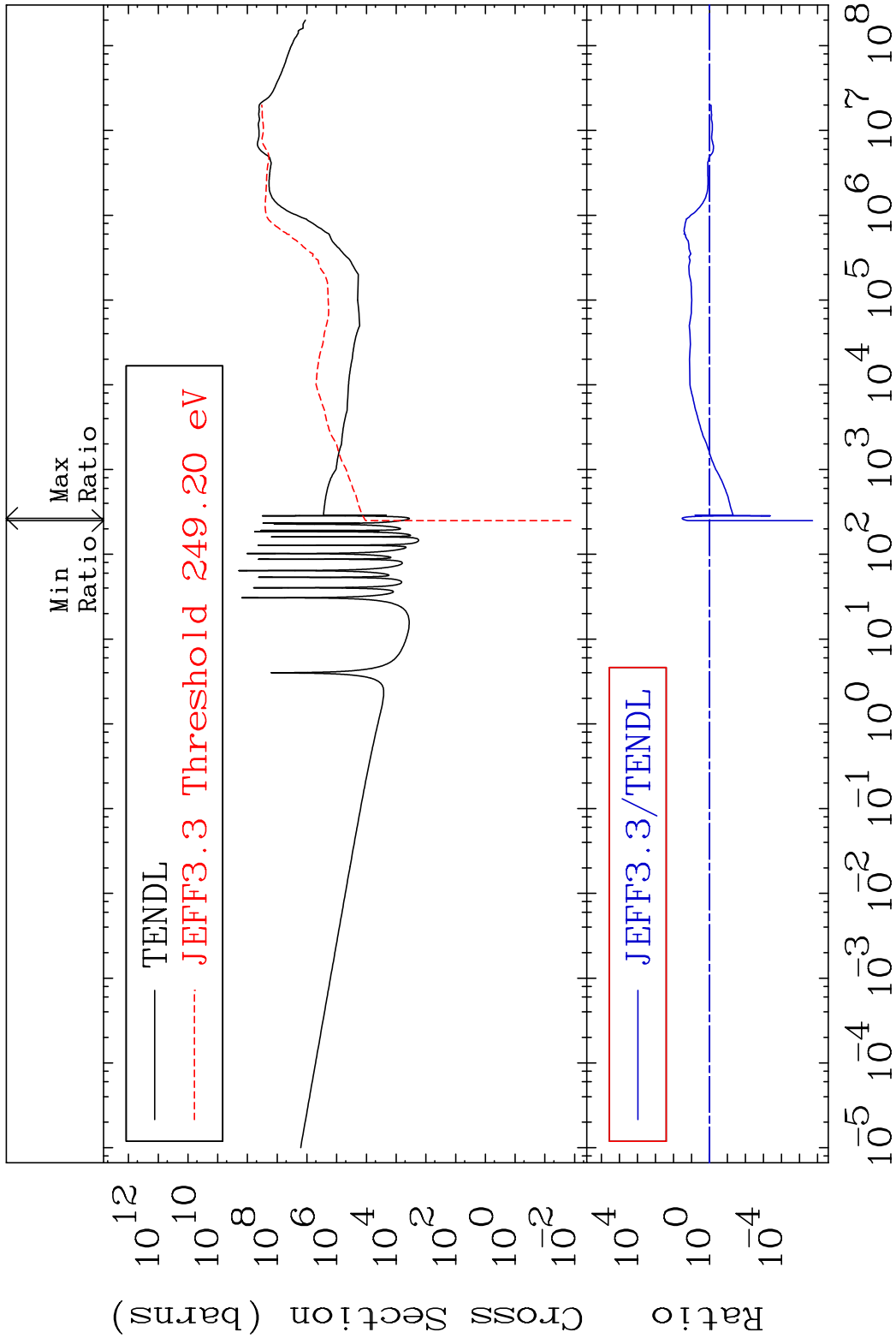
MAT 9452 Kerma non-elastic (all but mt2) 94-Pu-244
Cross Section -100.0 To 3204. %



MAT 9452 Kerma inelastic (mt51-91) 94-Pu-244
 Cross Section 678.3 To 9999. %

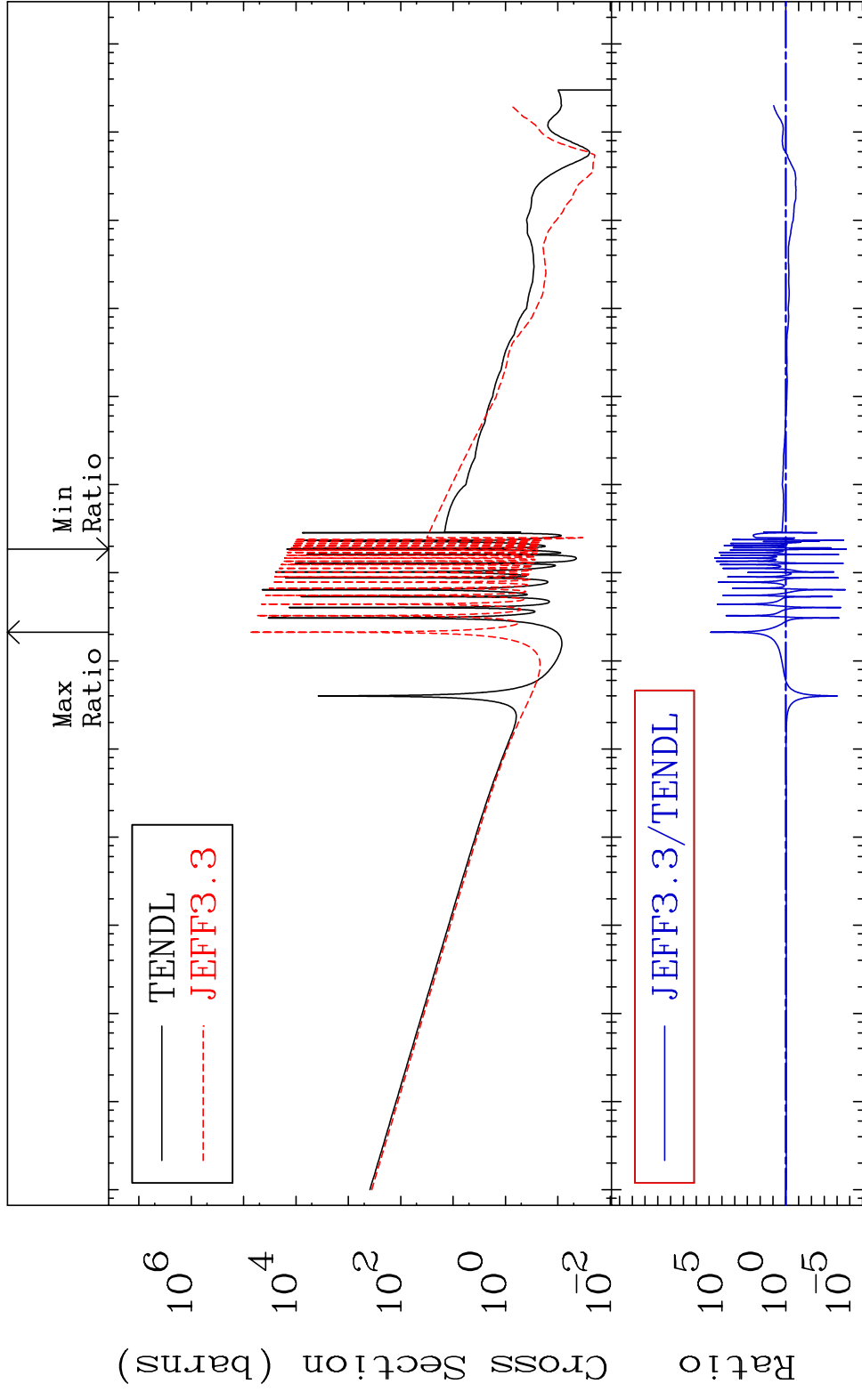


MAT 9452 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-244
 Cross Section -100.0 To 3203. %



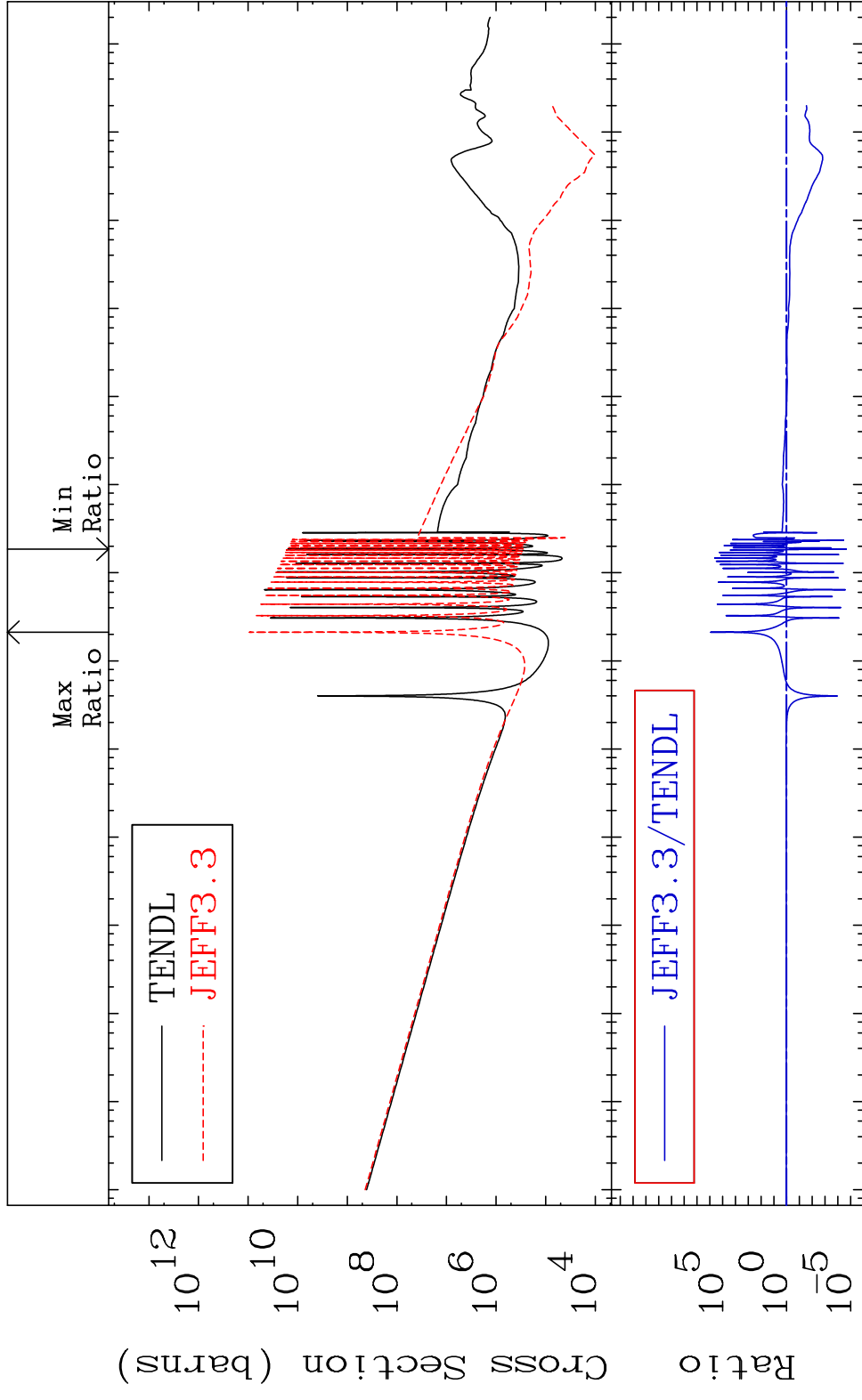
MAT 9452

Kerma capture (mt102) 94-Pu-244
Cross Section -100.0 To 9999. %

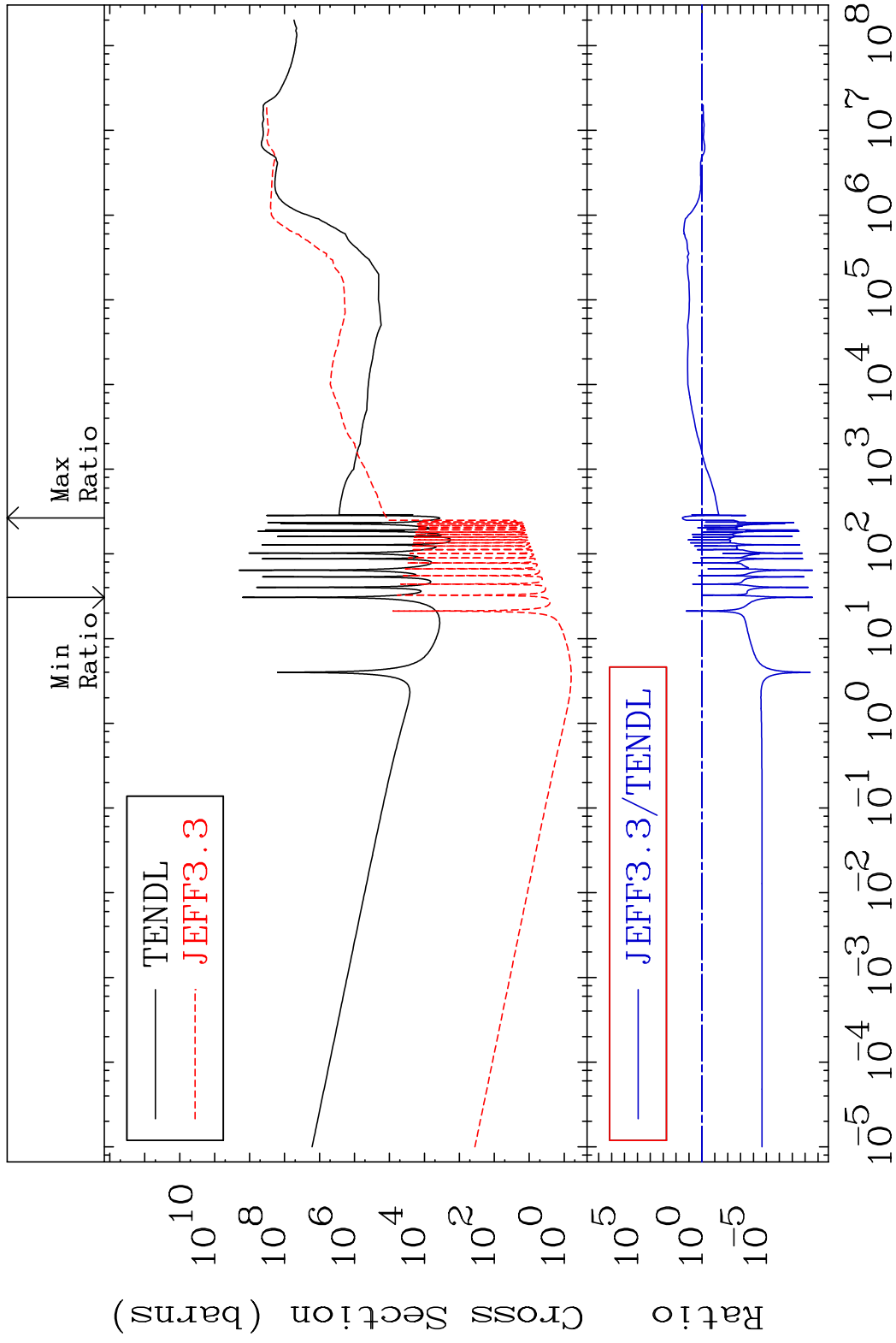


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

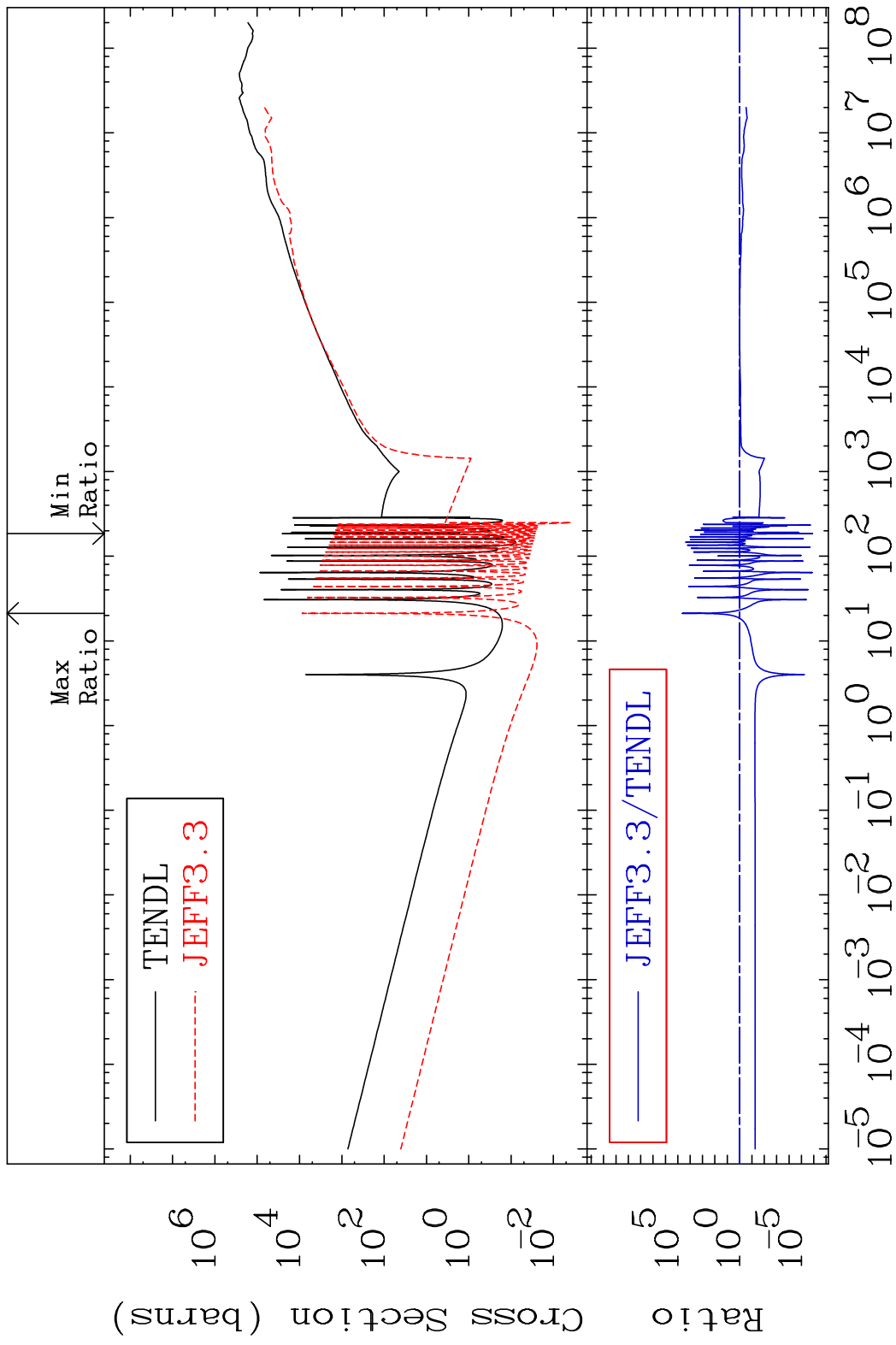
MAT 9452 Total photon (eV-barns) 94-Pu-244
 Cross Section -100.0 To 9999. %



MAT 9452 Total kinematic kerma (high limit) 94-Pu-244
 Cross Section -100.0 To 3179. %



MAT 9452 Dpa total (eV-barns) 94-Pu-244
 Cross Section -100.0 To 9999. %

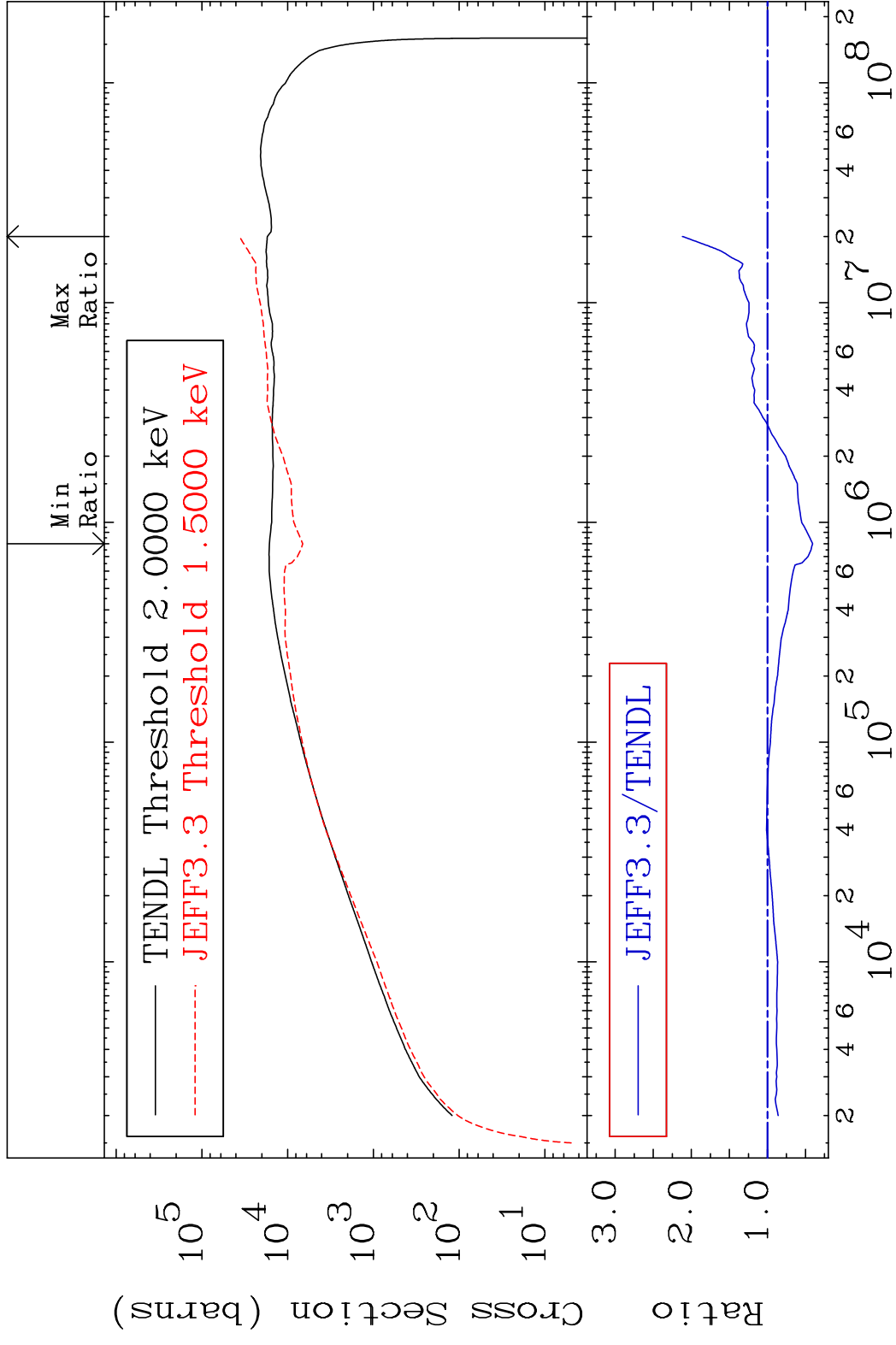


MAT 9452

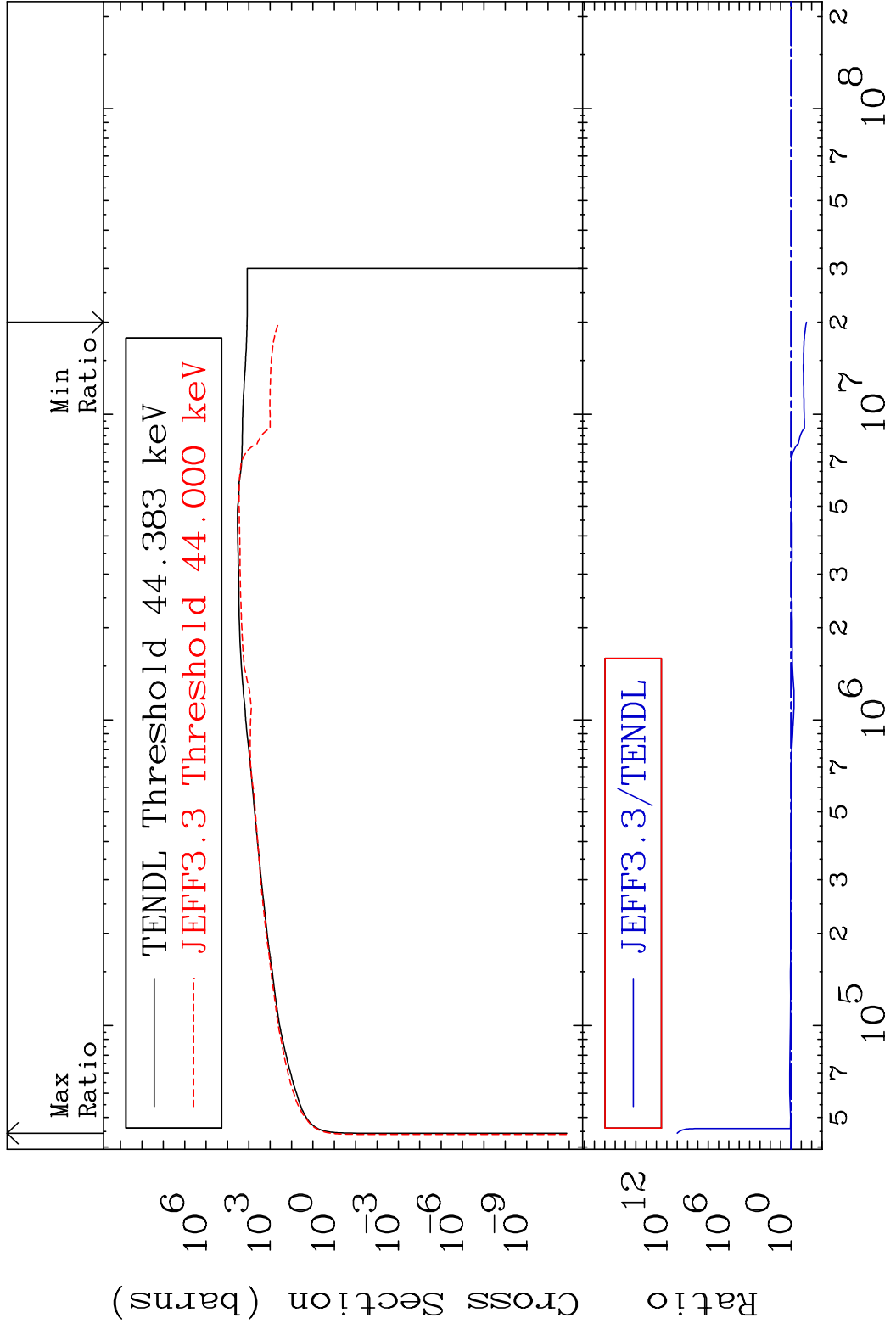
Dpa elastic (mt2)

94-Pu-244

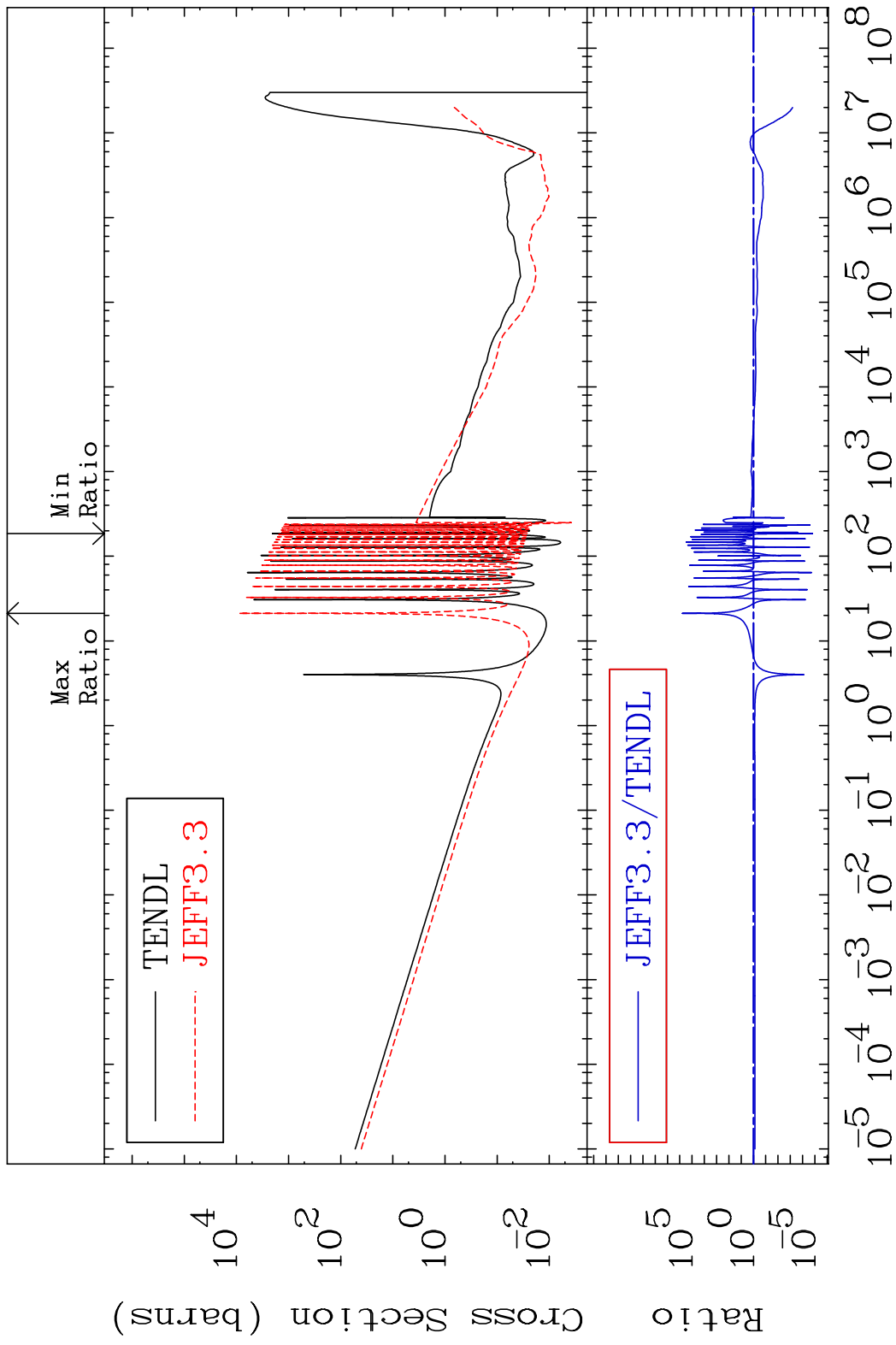
Cross Section -59.25 To 111.8 %



MAT 9452 Dpa inelastic (mt51-91) 94-Pu-244
 Cross Section -96.78 To 9999. %



MAT 9452 Dpa disappearance (mt102 -120) 94-Pu-244
 Cross Section -100.0 To 9999. %

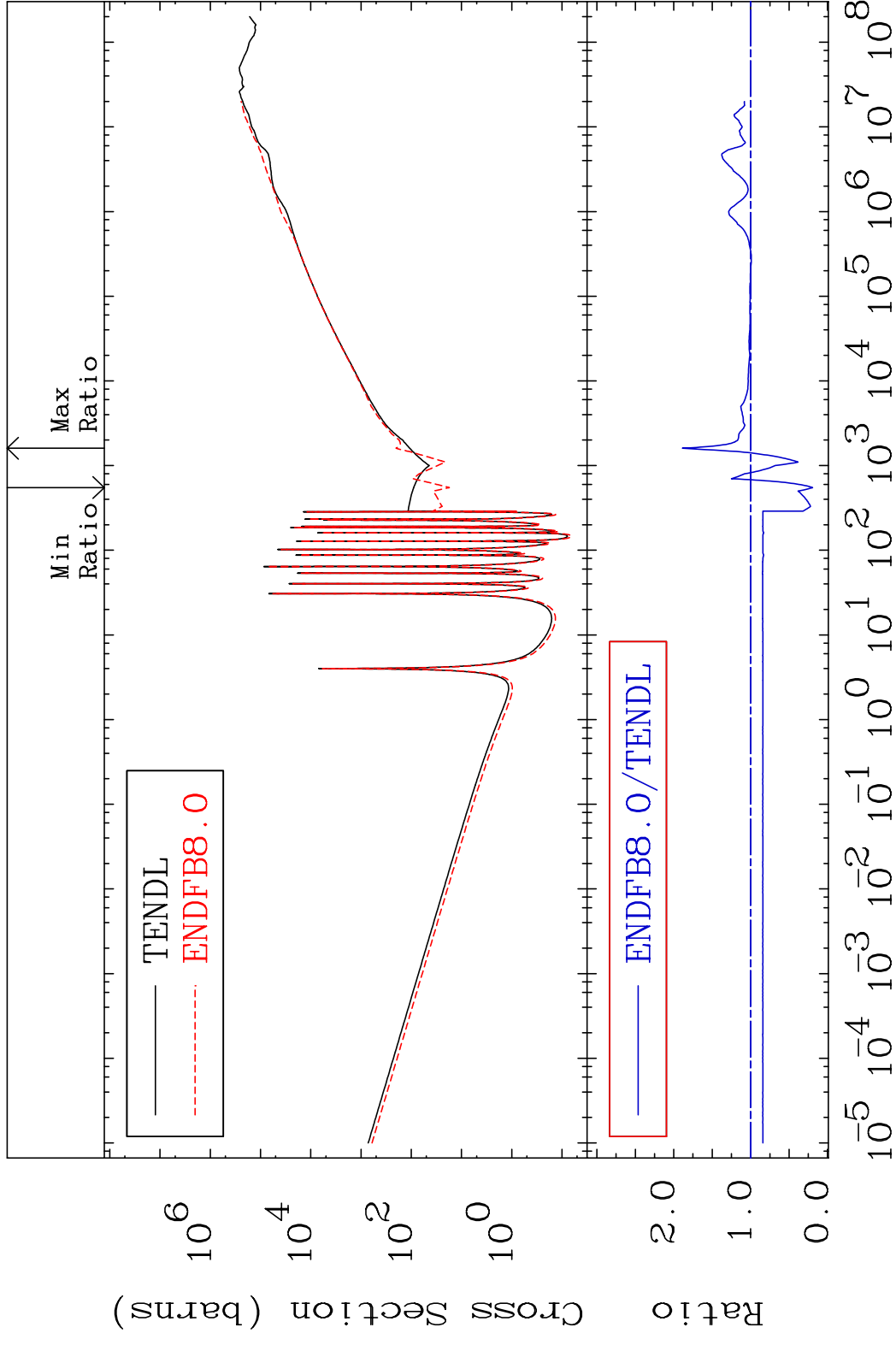


MAT 9452

Dpa total (eV-barns)

94-Pu-244

Cross Section -80.54 To 88.80 %



29

Incident Energy (eV)

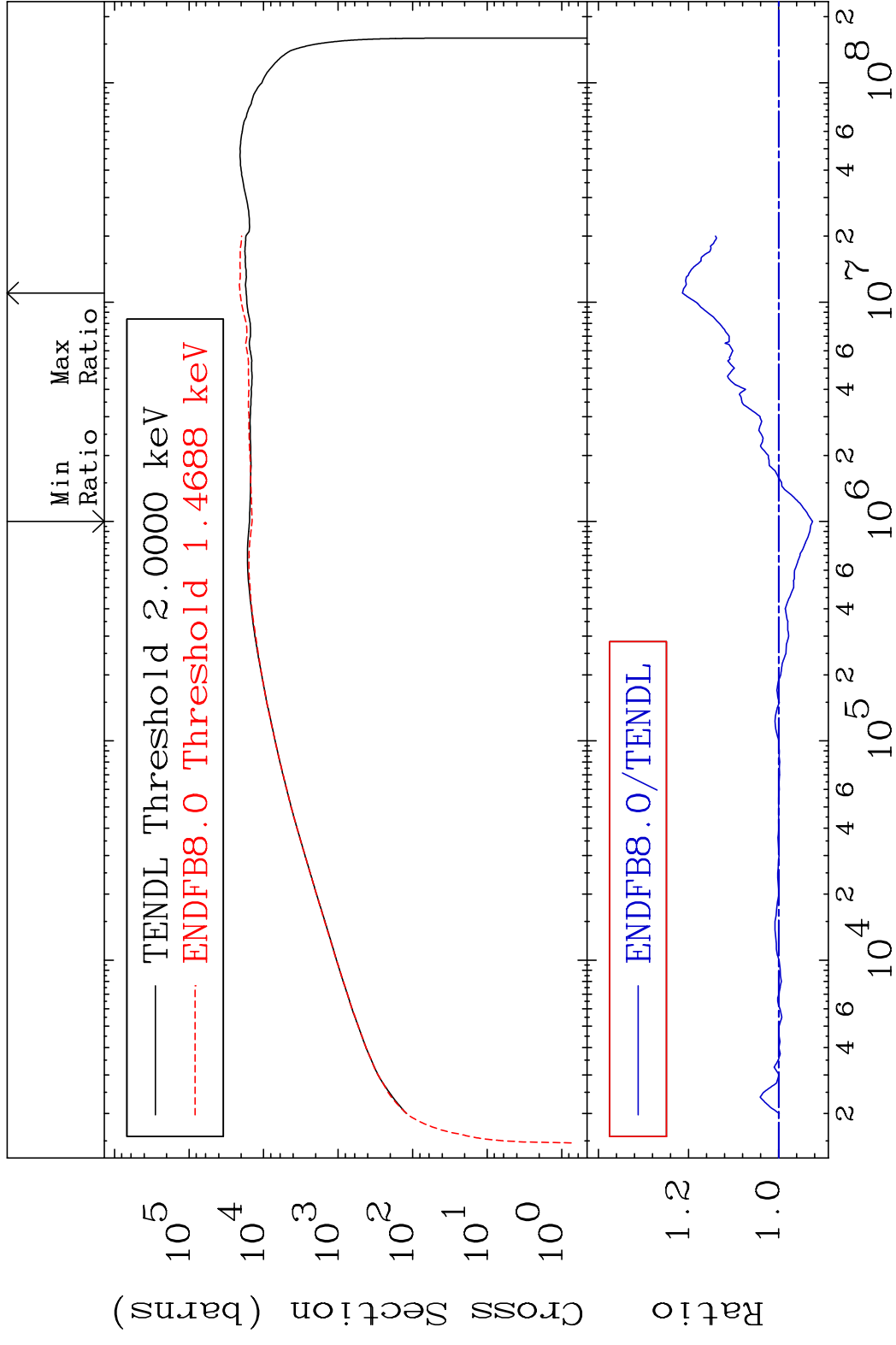
94-Pu-244

MAT 9452

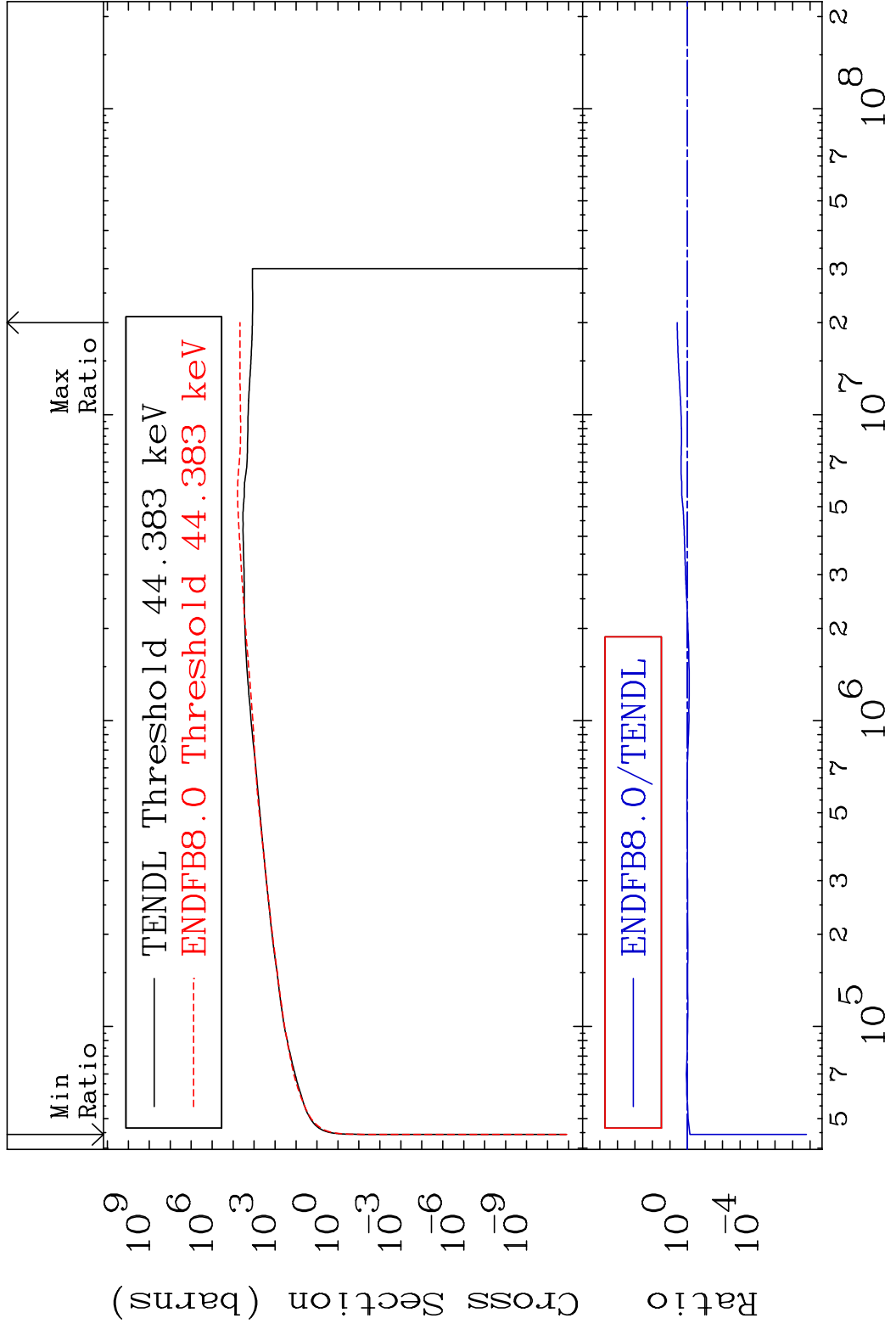
Dpa elastic (mt2)

94-Pu-244

Cross Section -7.517 To 21.40 %



MAT 9452 Dpa inelastic (mt51-91) 94-Pu-244
 Cross Section -100.0 To 286.8 %



MAT 9452 Dpa disappearance (mt102 -120) 94-Pu-244
 Cross Section -99.99 To 8.345 %

