

Program Complot
(Version 2018-1)

by

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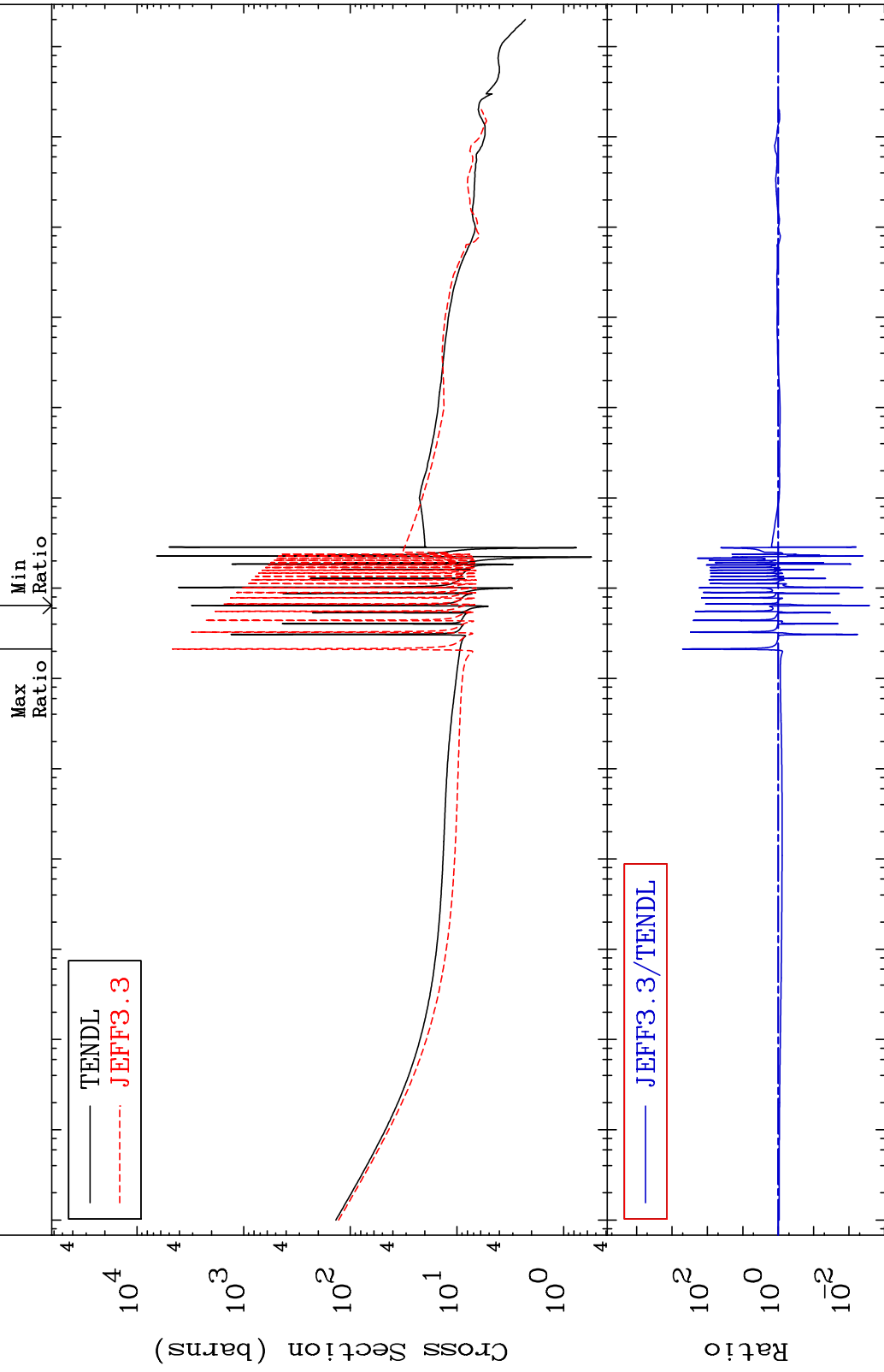
Press Mouse Button to Start

MAT 9452

94-Pu-244

-99.73 To 9999. %

Total
Cross Section



94-Pu-244

Incident Energy (eV)

1

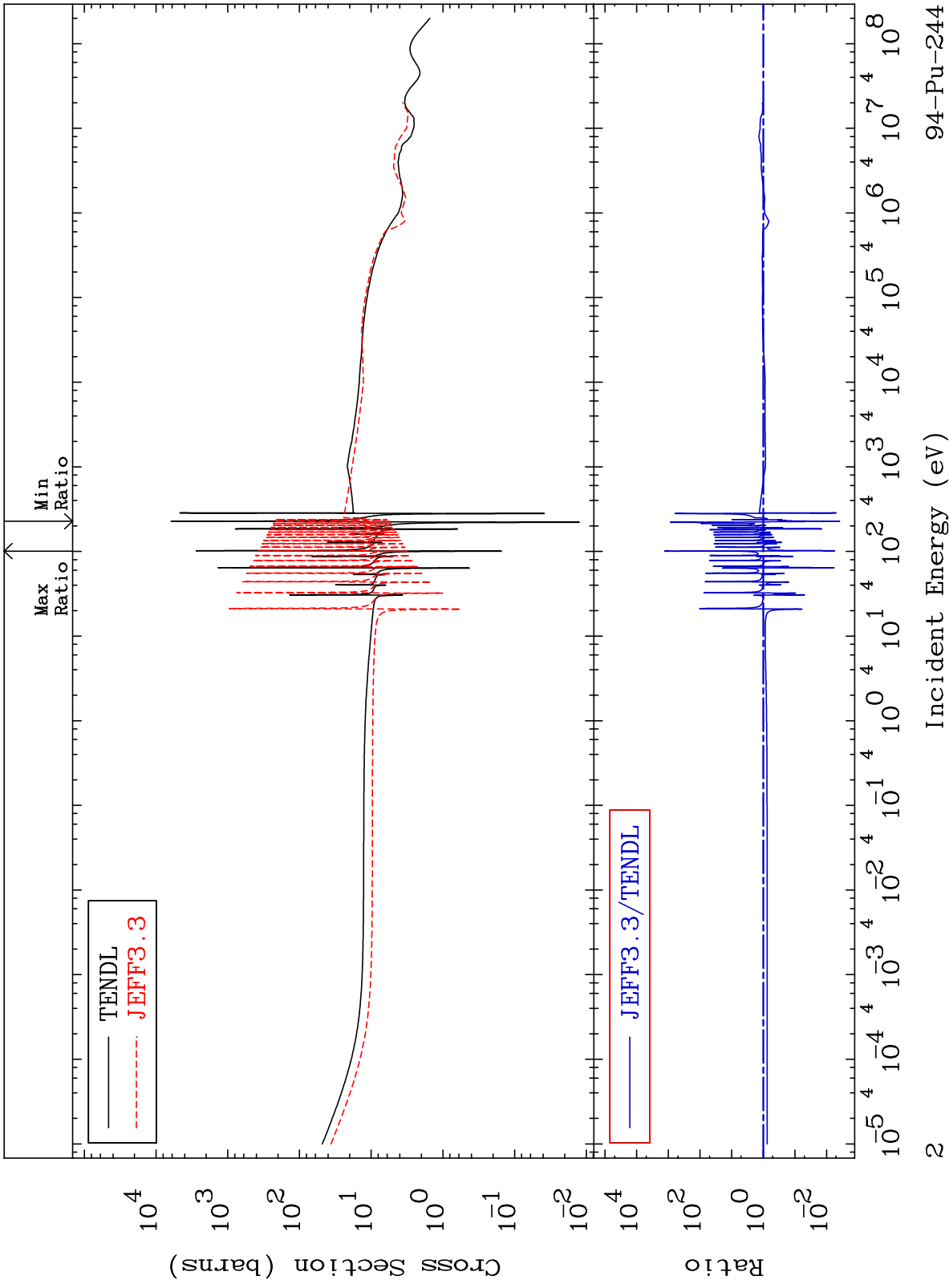
MAT 9452

Elastic

94-Pu-244

Cross Section

-99.62 To 9999. %



94-Pu-244

Incident Energy (eV)

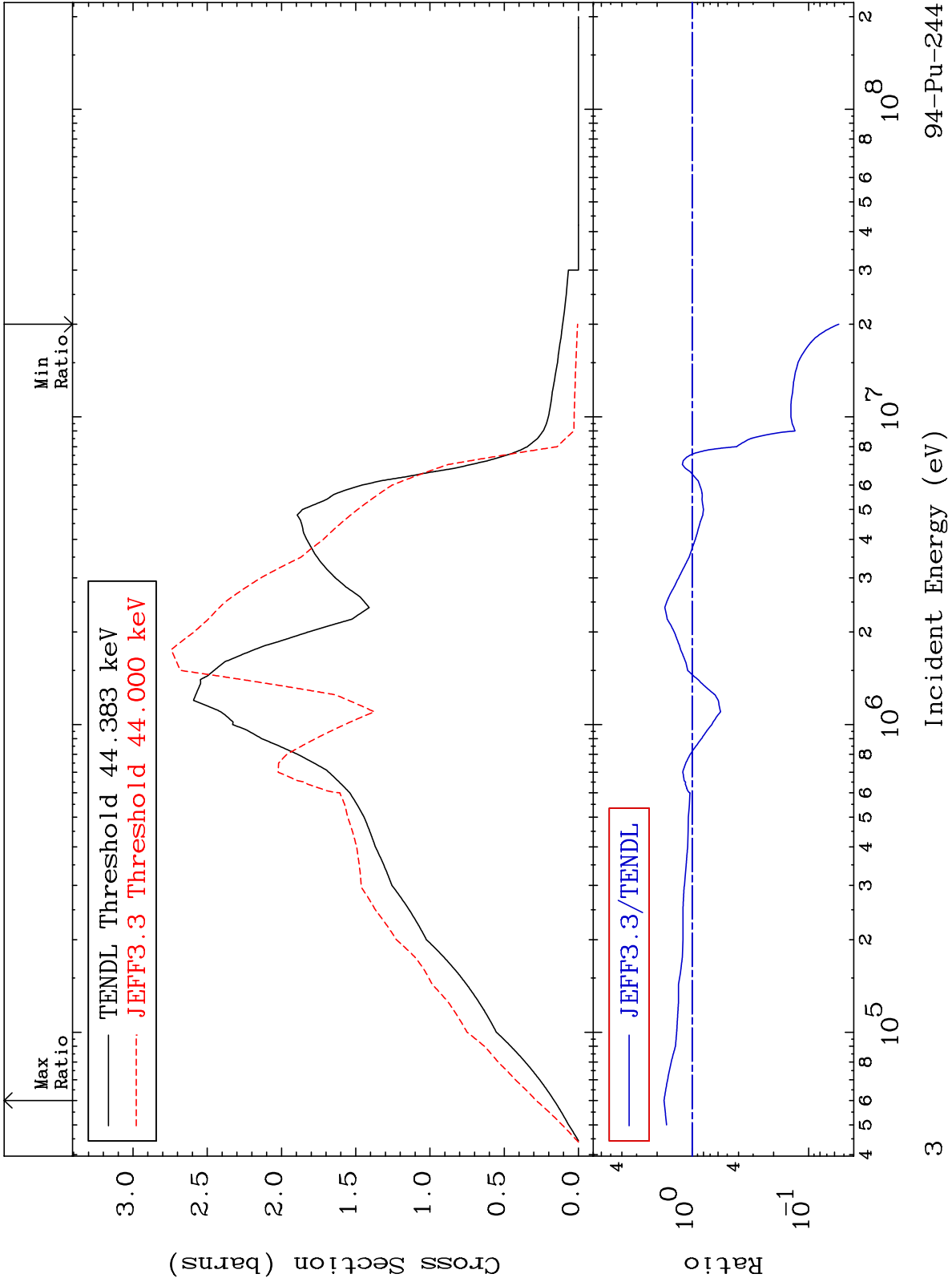
2

MAT 9452

Inelastic
Cross Section

94-Pu-244

-94.48 To 74.20 %



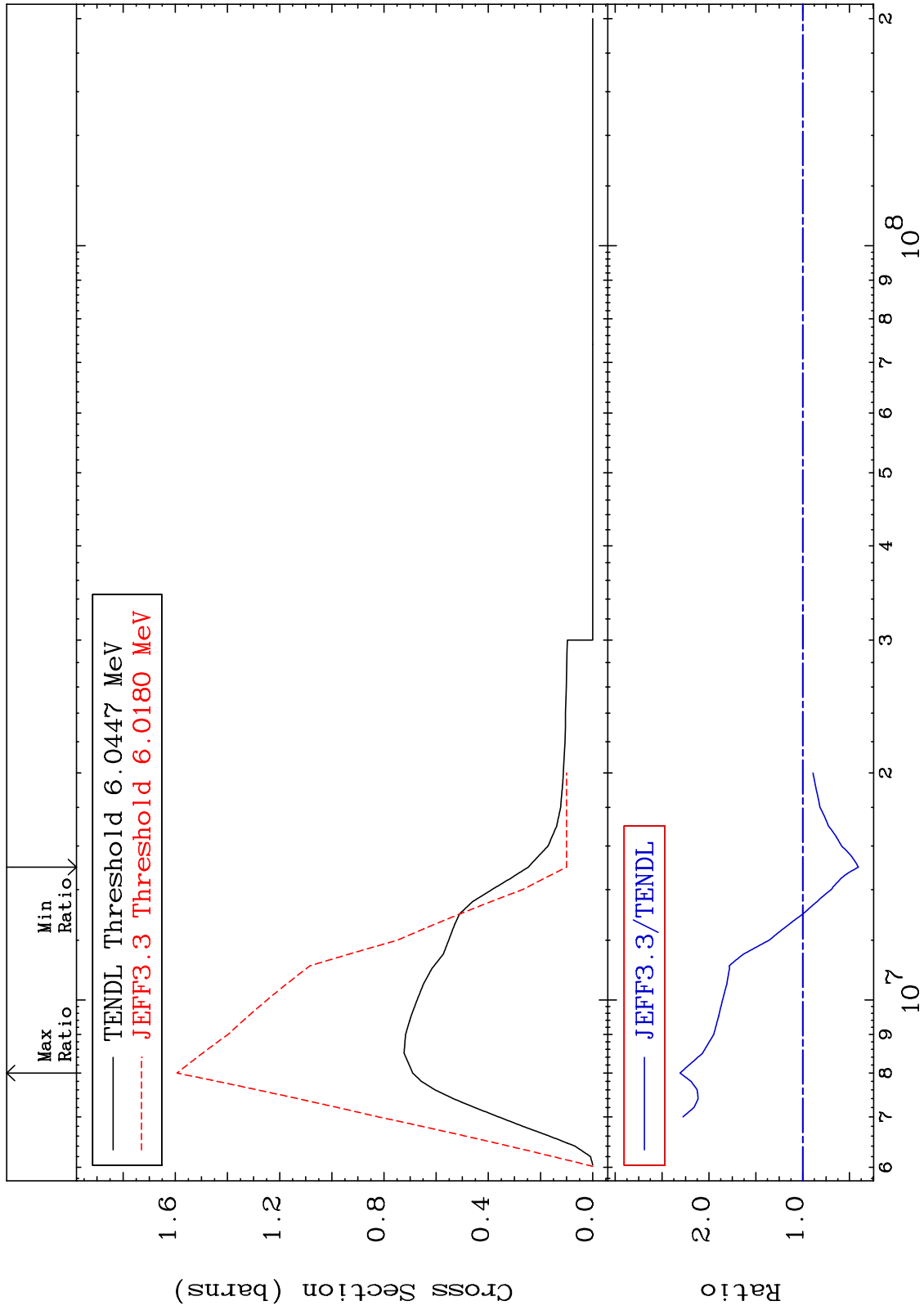
MAT 9452

(n, 2n)

94-Pu-244

Cross Section

-59.50 To 130.9 %



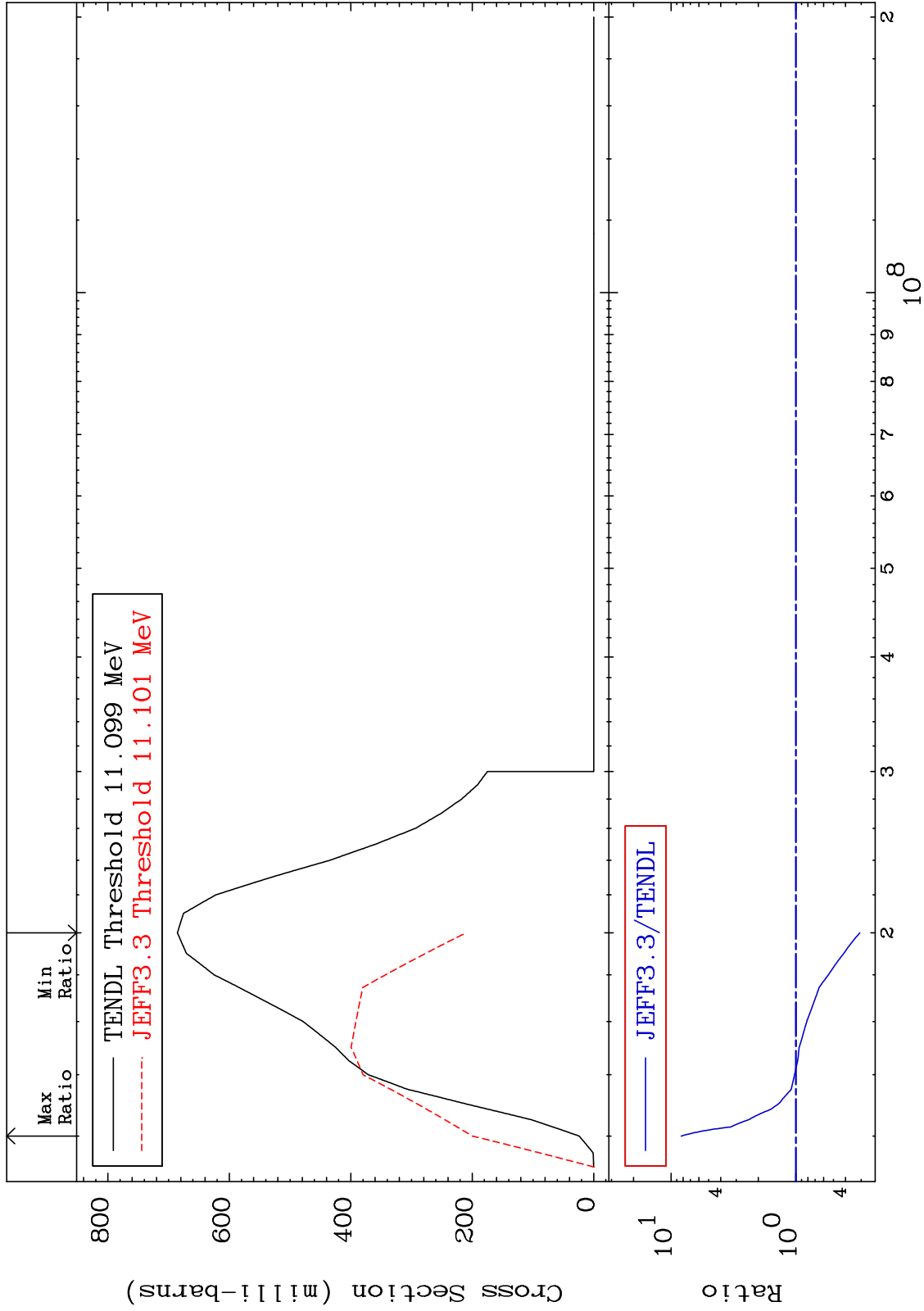
MAT 9452

(n, 3n)

94-Pu-244

Cross Section

-69.35 To 729.3 %



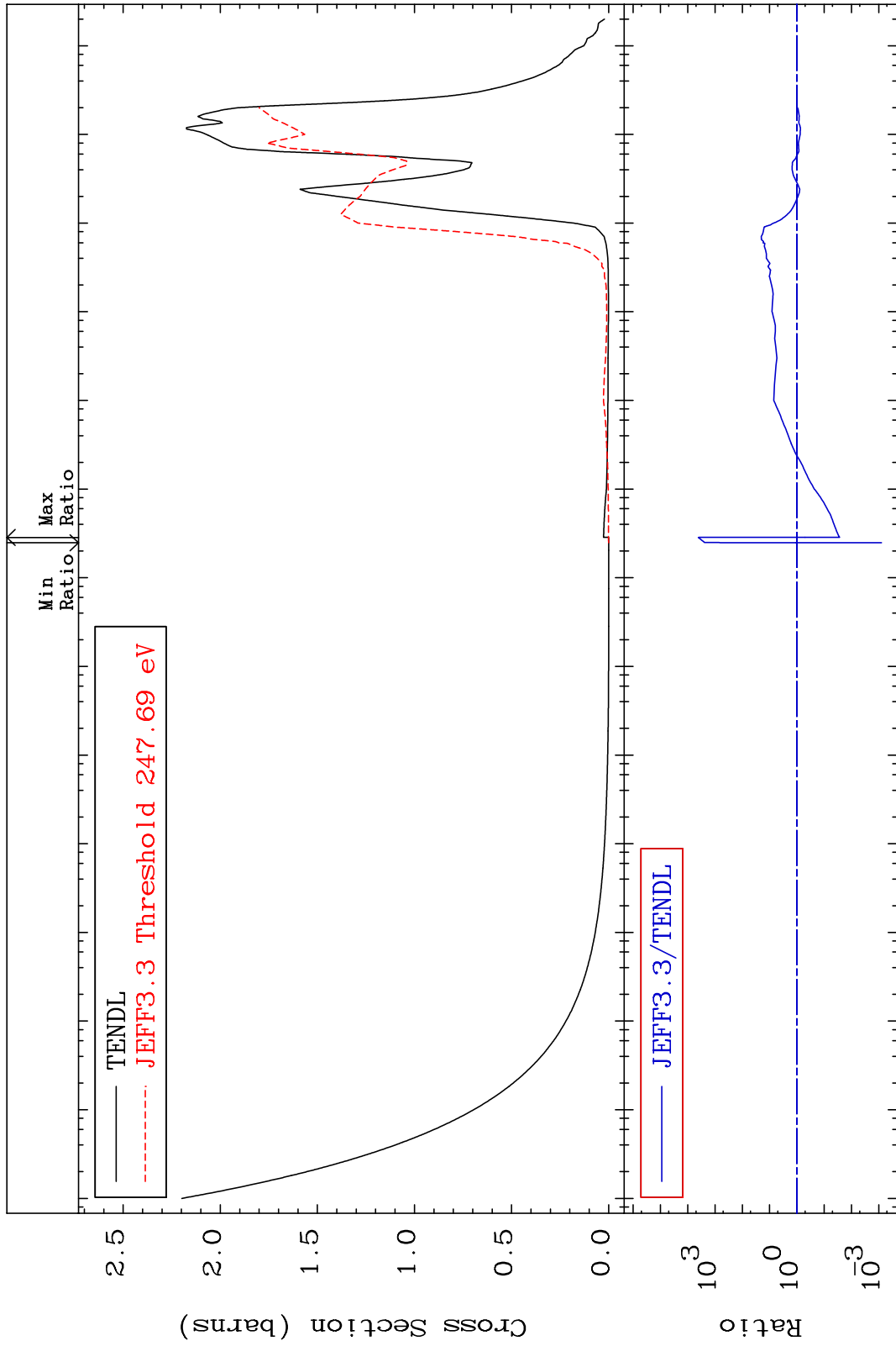
MAT 9452

Fission

94-Pu-244

Cross Section

-99.92 To 9999. %



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

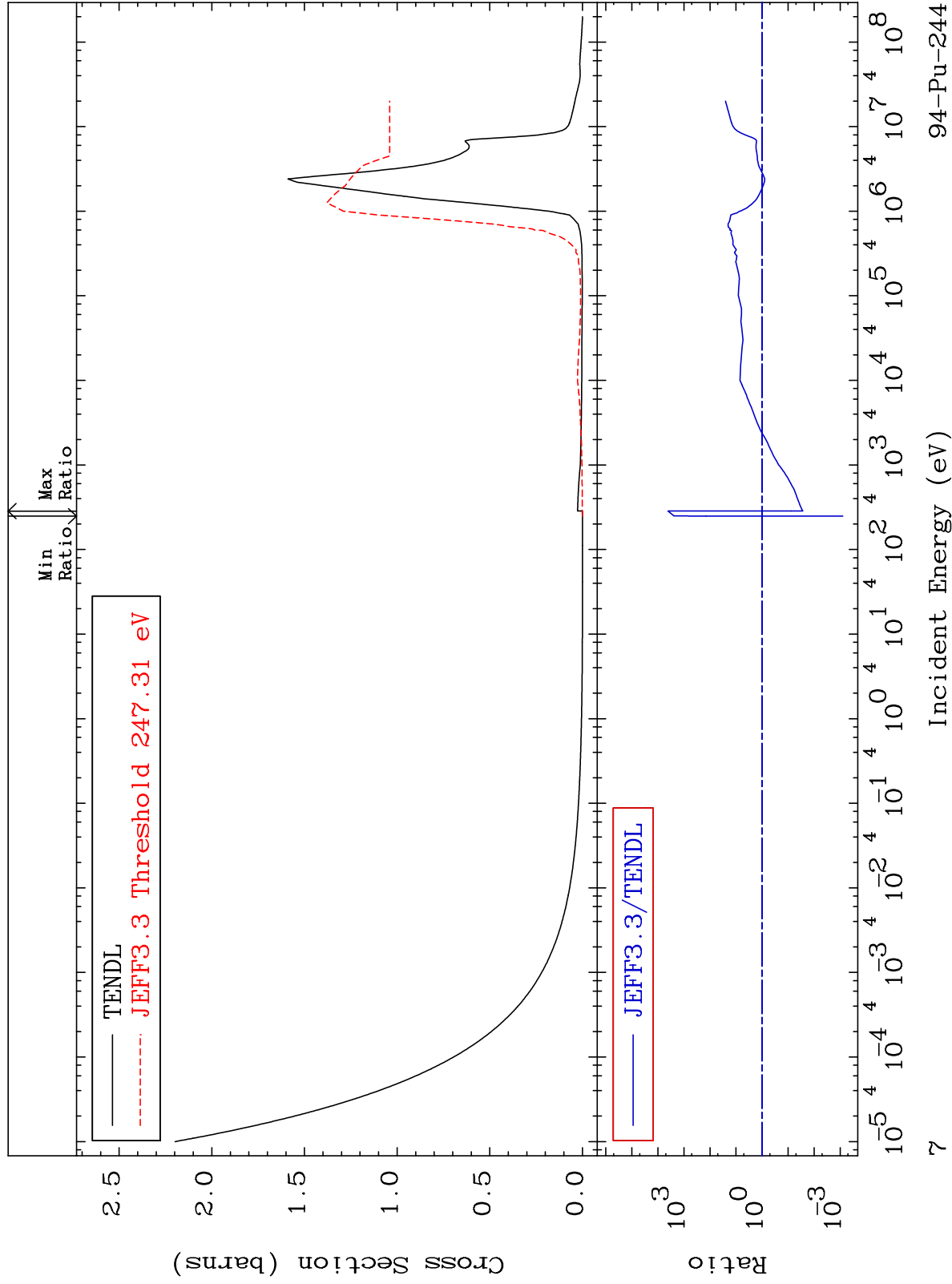
Incident Energy (eV)

94-Pu-244

MAT 9452

(n,f) First Chance
Cross Section

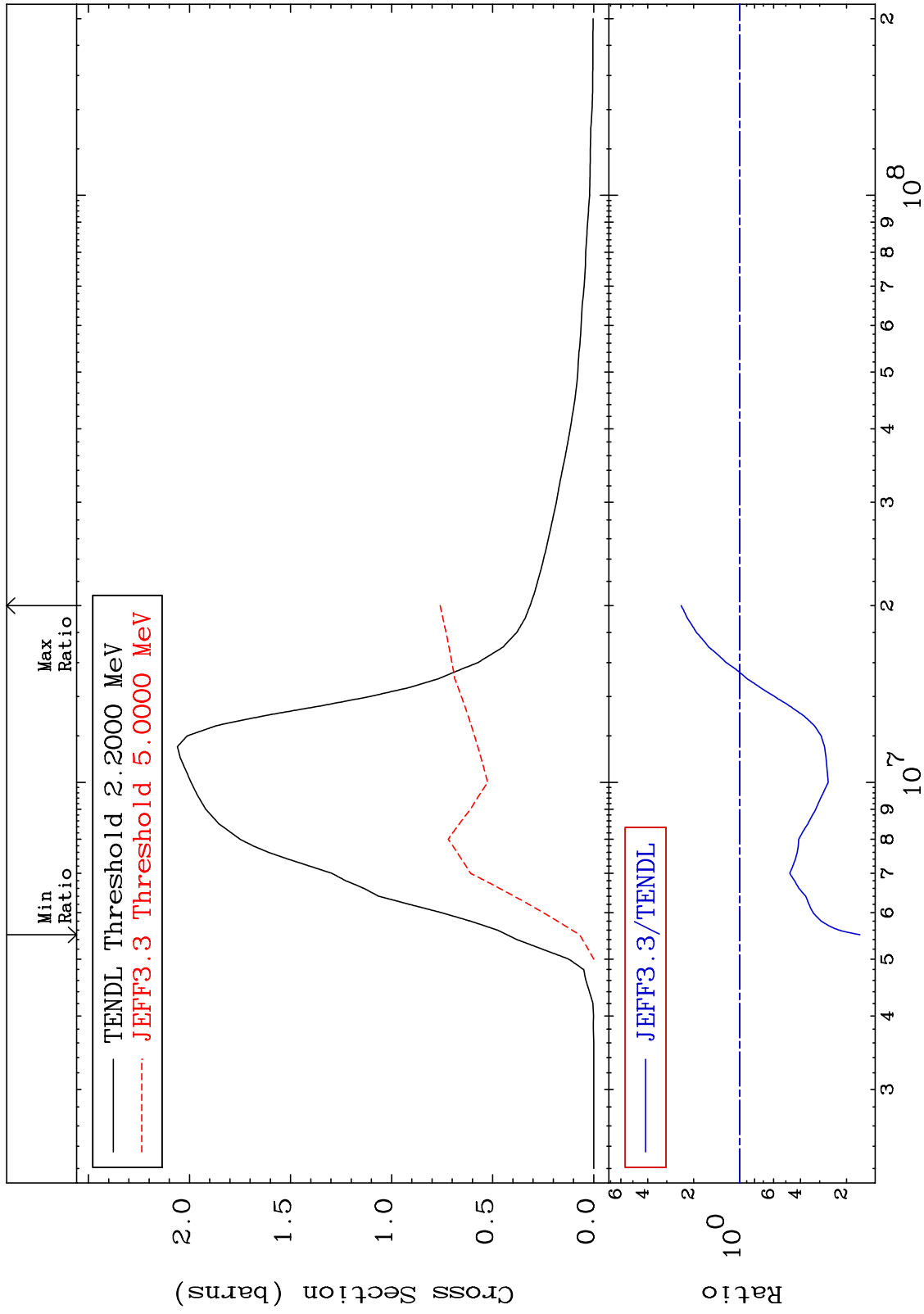
94-Pu-244
-99.92 To 9999. %



MAT 9452

(n, nf) Second Chance
Cross Section

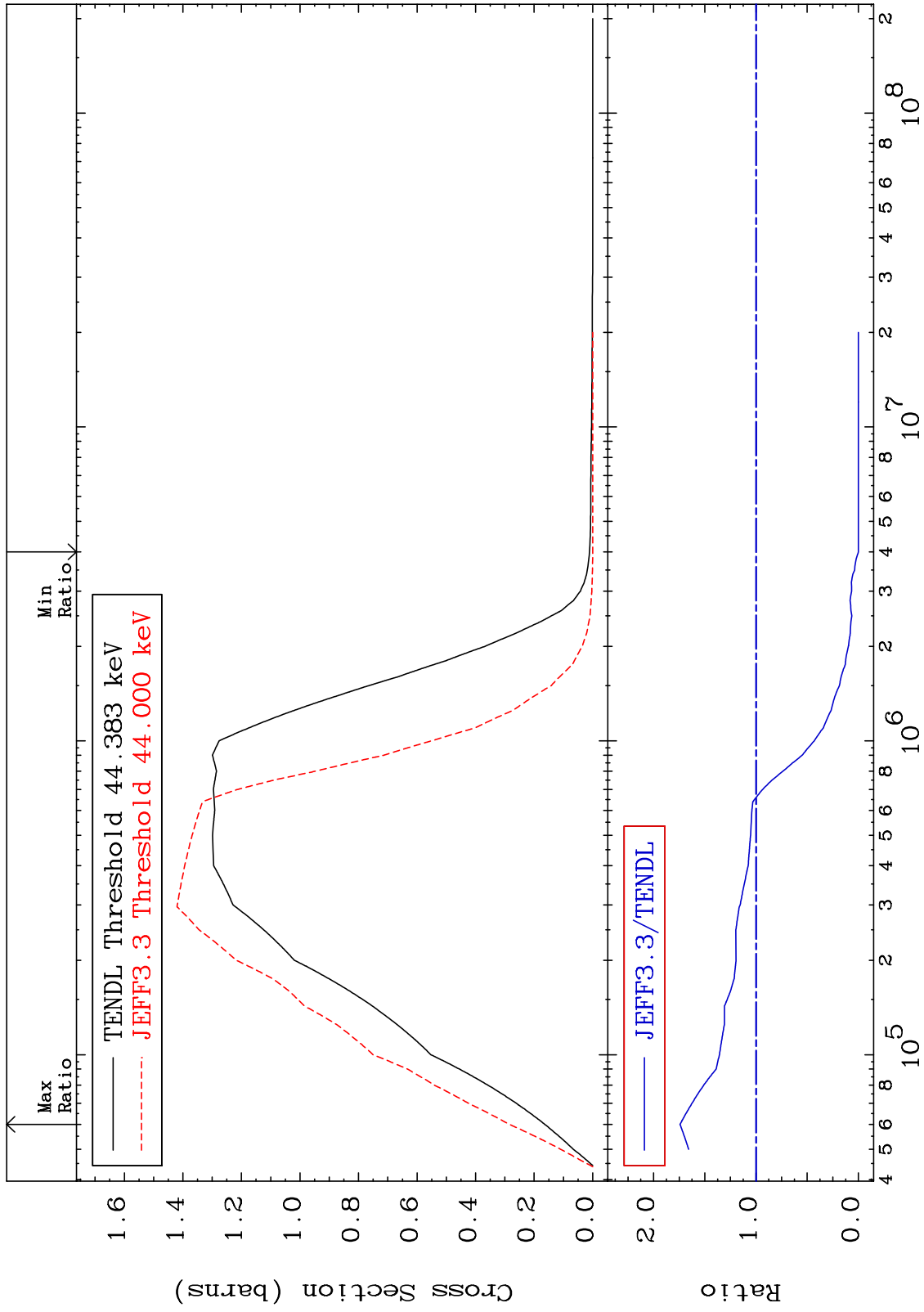
94-Pu-244
-83.65 To 141.4 %



MAT 9452

MT= 51 (n,n') Level
Cross Section

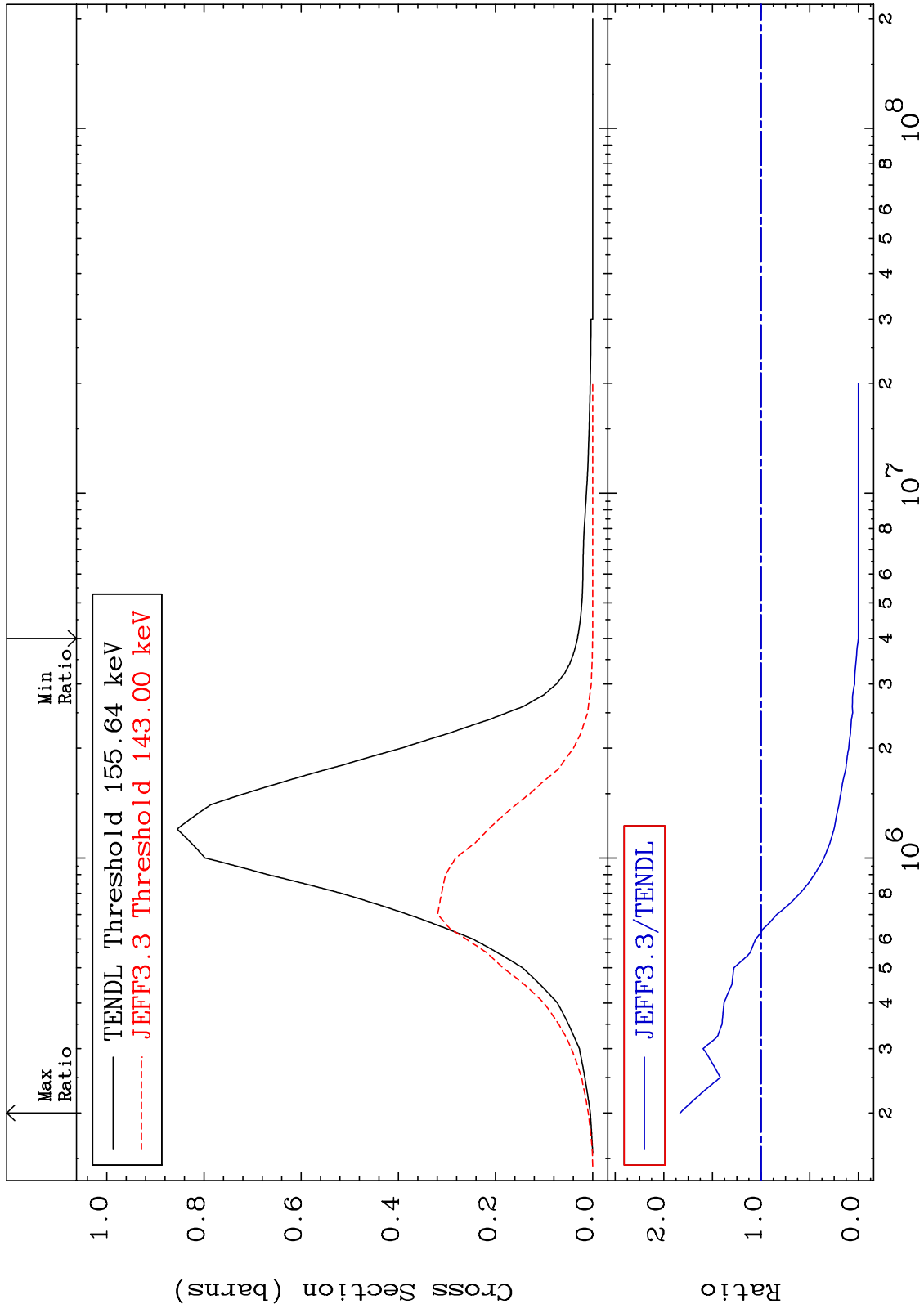
94-Pu-244
-100.0 To 74.20 %



9

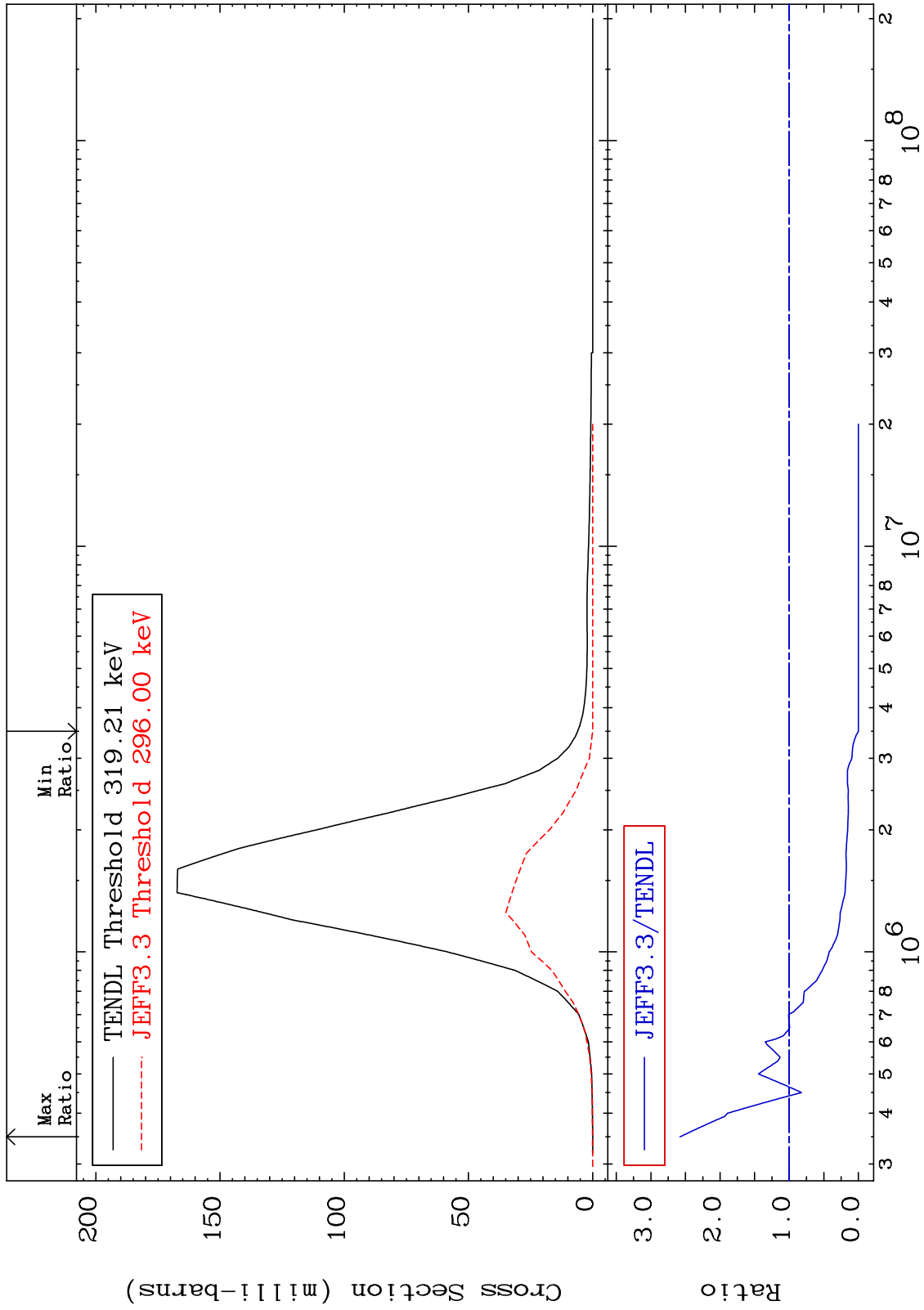
94-Pu-244

MAT 9452 MT= 52 (n,n') Level 94-Pu-244
Cross Section -100.0 To 83.39 %



10 Incident Energy (eV) 94-Pu-244

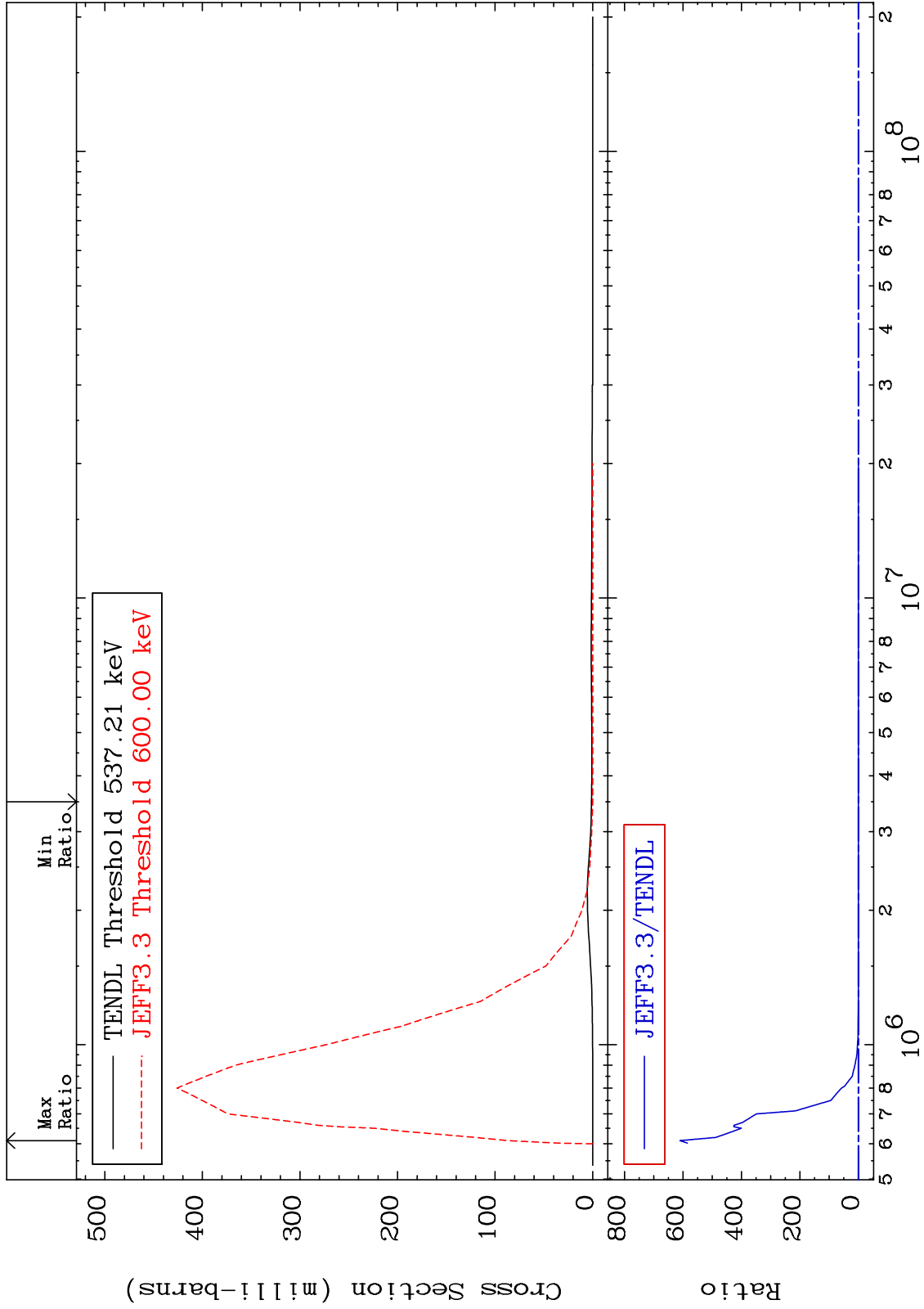
MAT 9452 MT= 53 (n,n') Level 94-Pu-244
 Cross Section -100.0 To 157.8 %



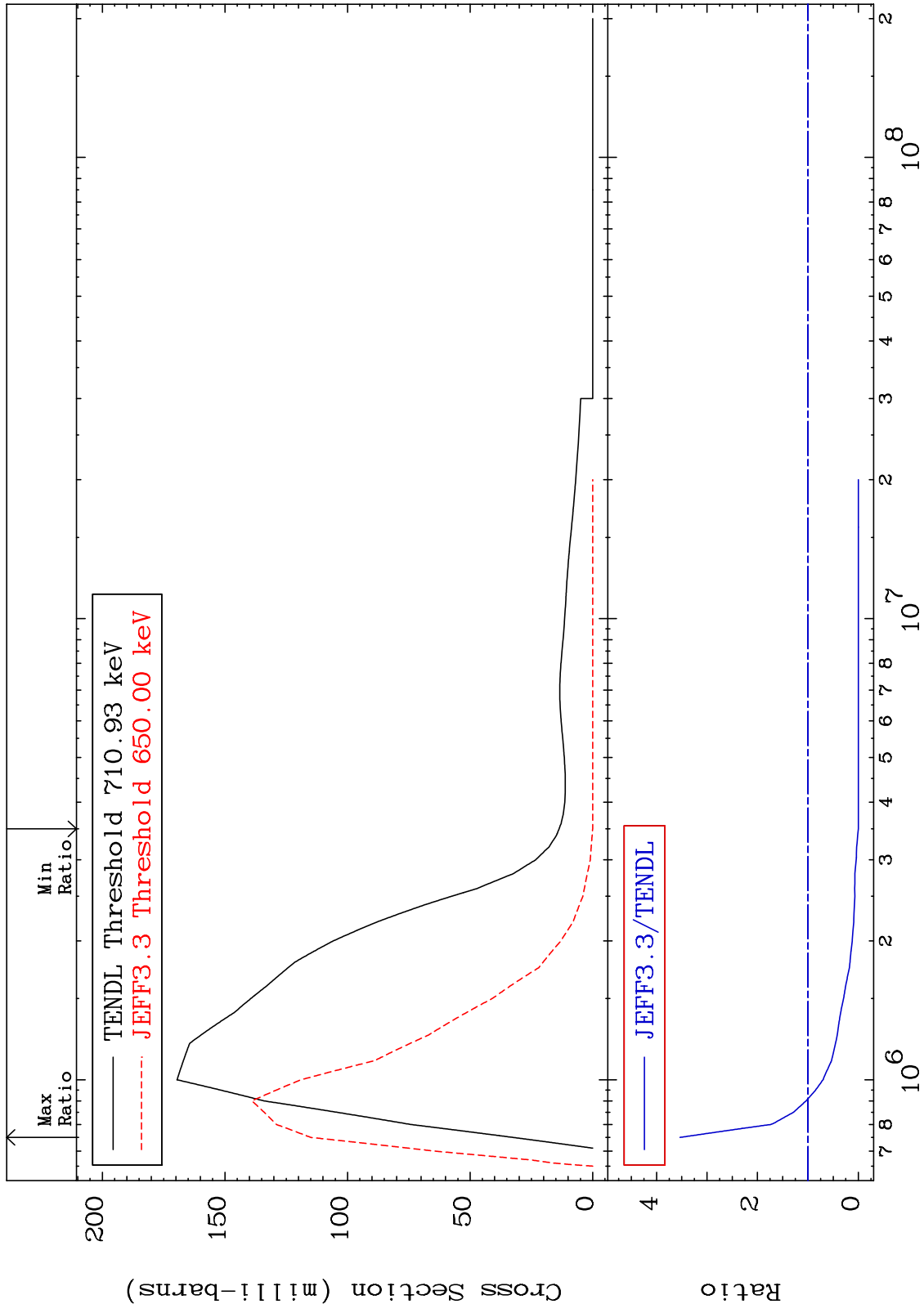
MAT 9452

MT= 54 (n,n') Level
Cross Section

94-Pu-244
-100.0 To 9999. %



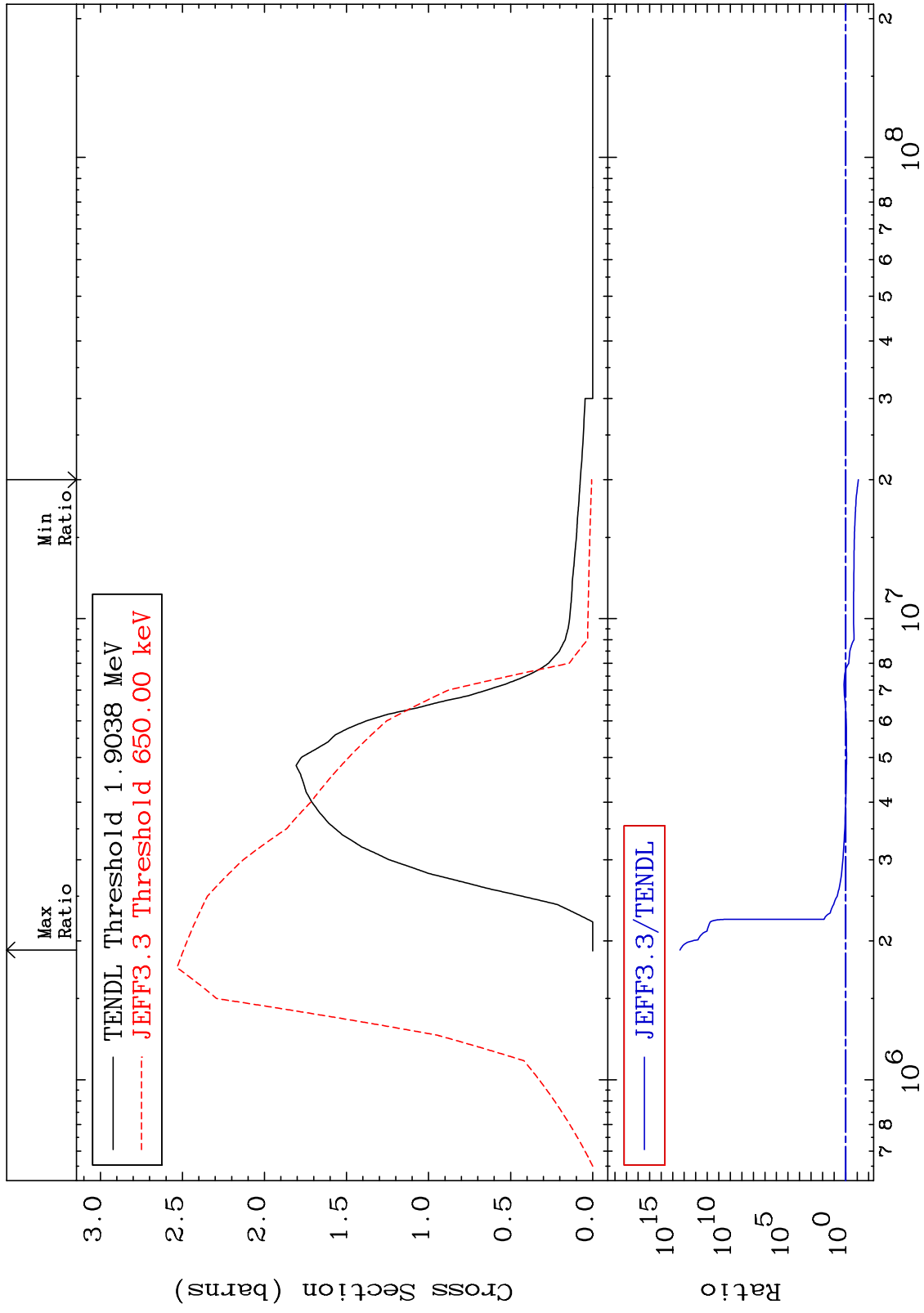
MAT 9452 MT= 55 (n,n') Level Cross Section 94-Pu-244
 -100.0 To 253.5 %



MAT 9452

(n, n') Continuum
Cross Section

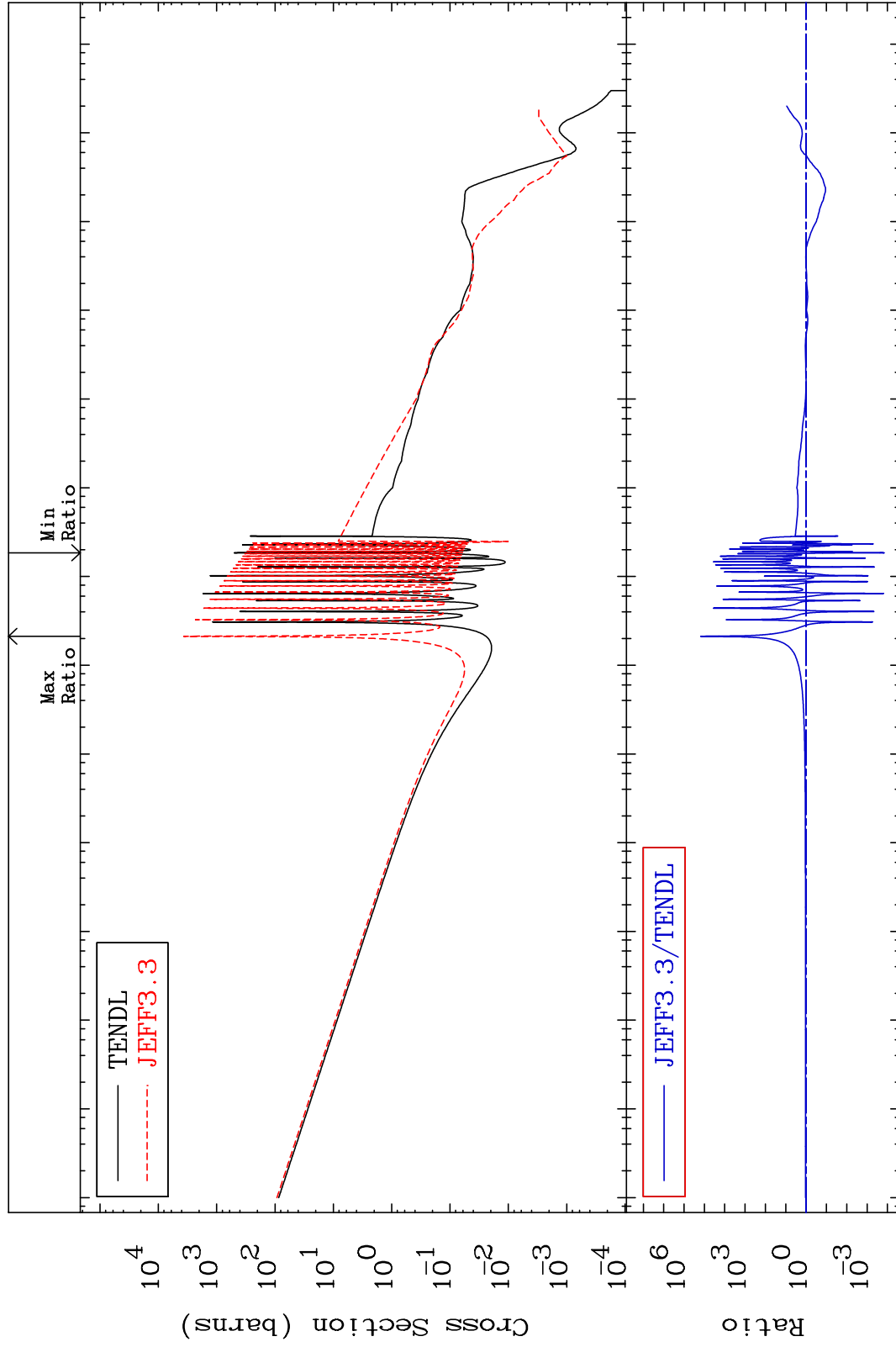
94-Pu-244
-92.19 To 9999. %



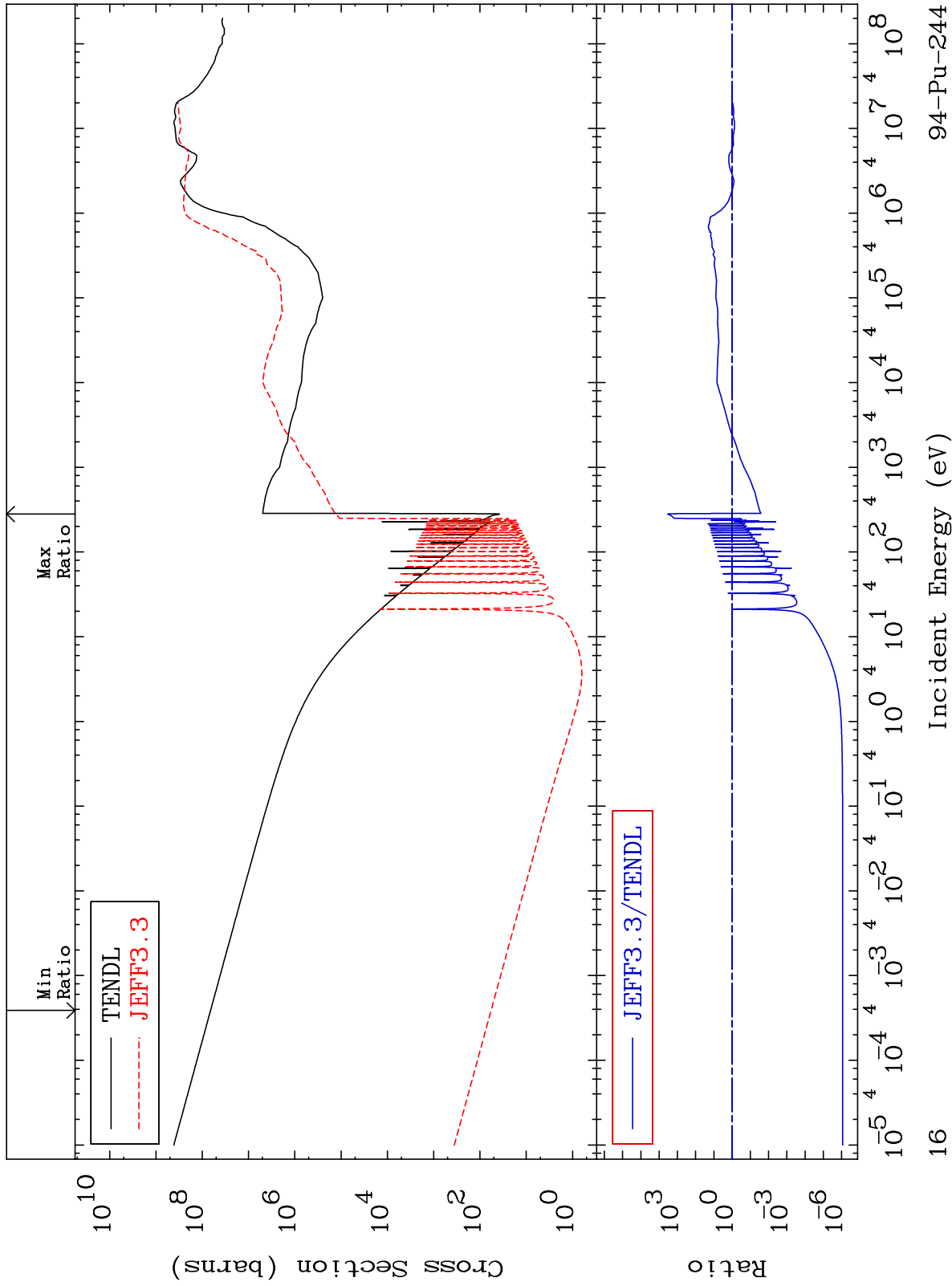
MAT 9452

(n, γ)
Cross Section

94-Pu-244
-99.99 To 9999. %



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

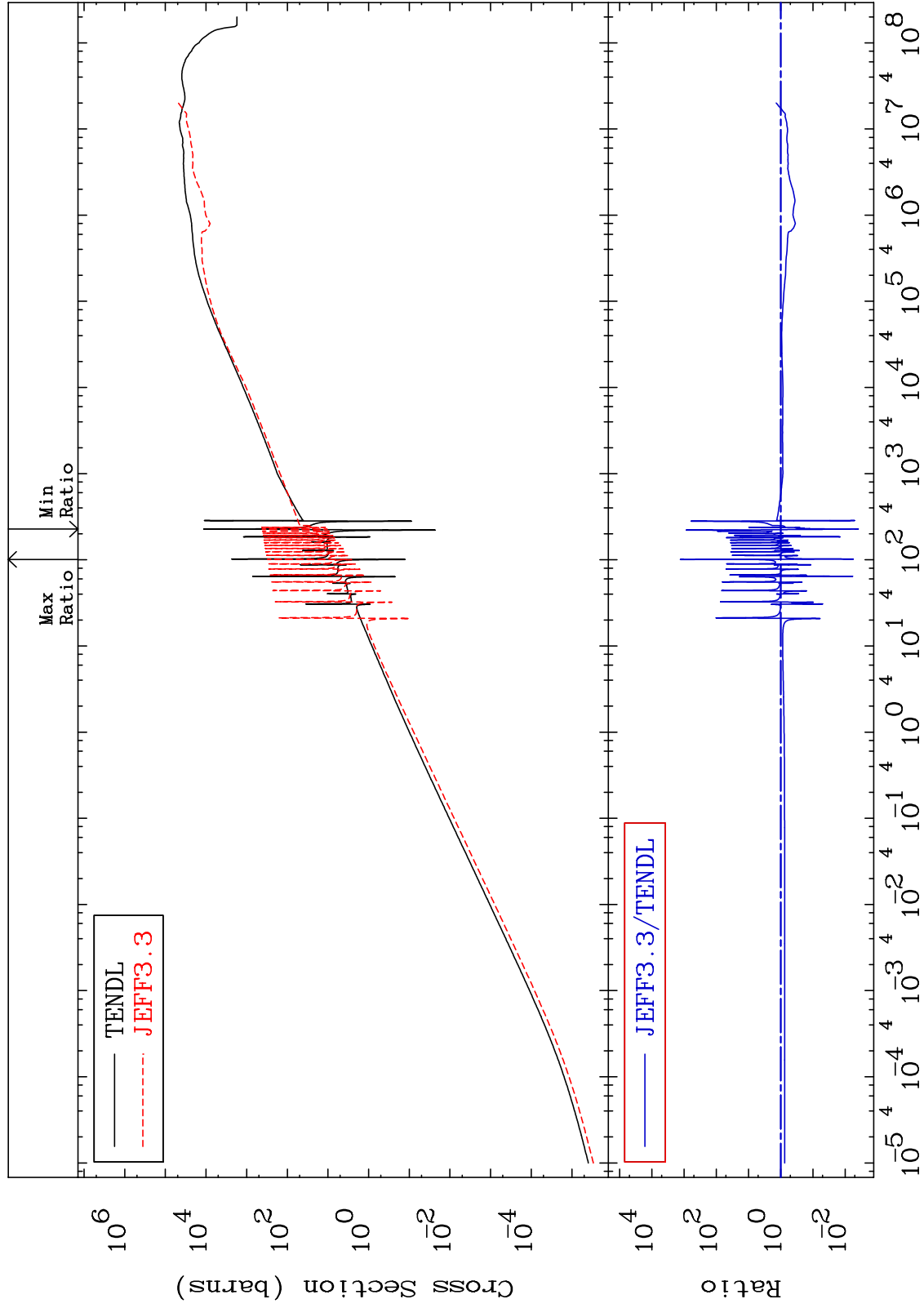


94-Pu-244

MAT 9452

Kerma elastic
Cross Section

94-Pu-244
-99.62 To 9999. %



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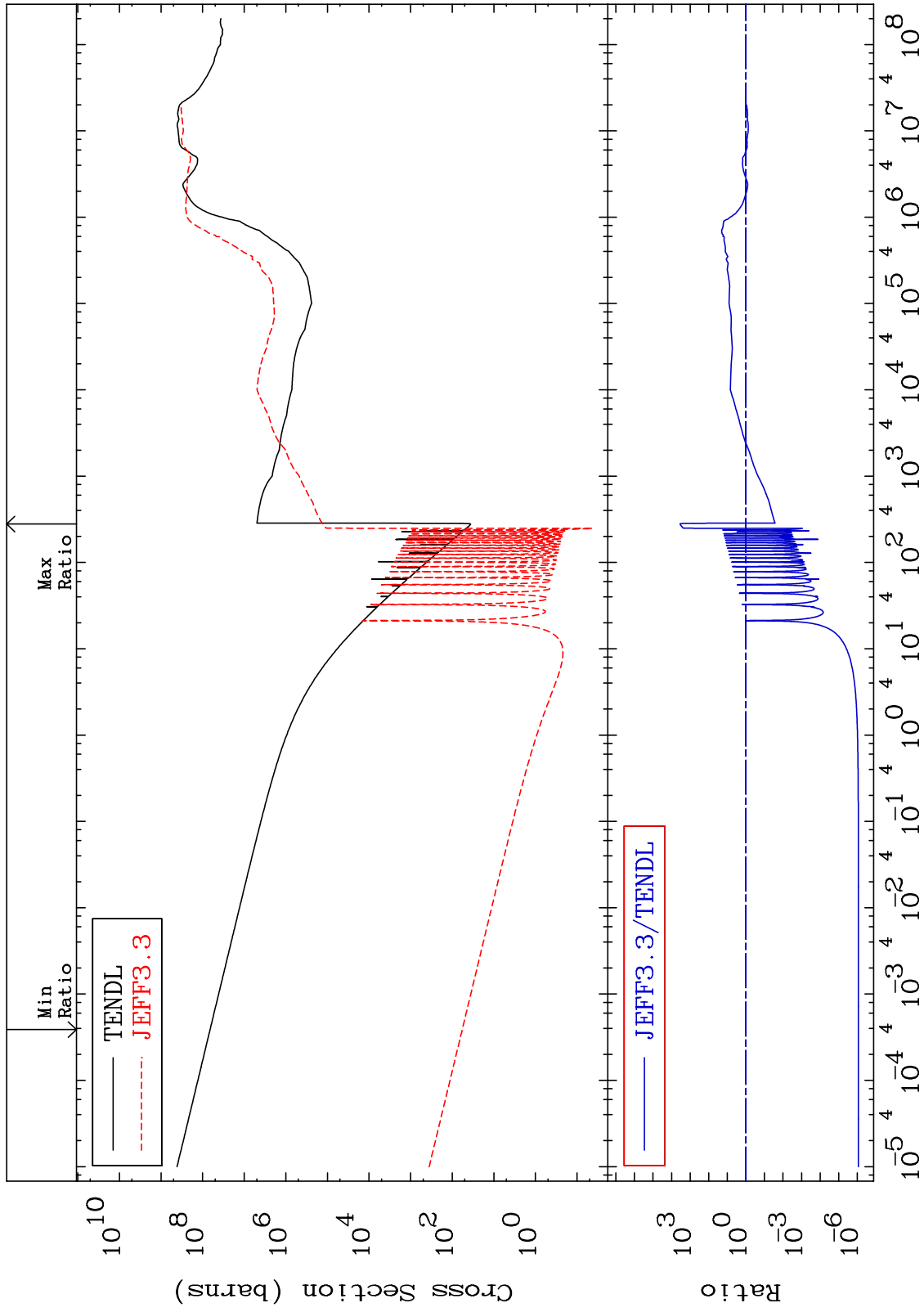
Incident Energy (eV)

94-Pu-244

MAT 9452

Kerma non-elastic (all but mt2)
Cross Section

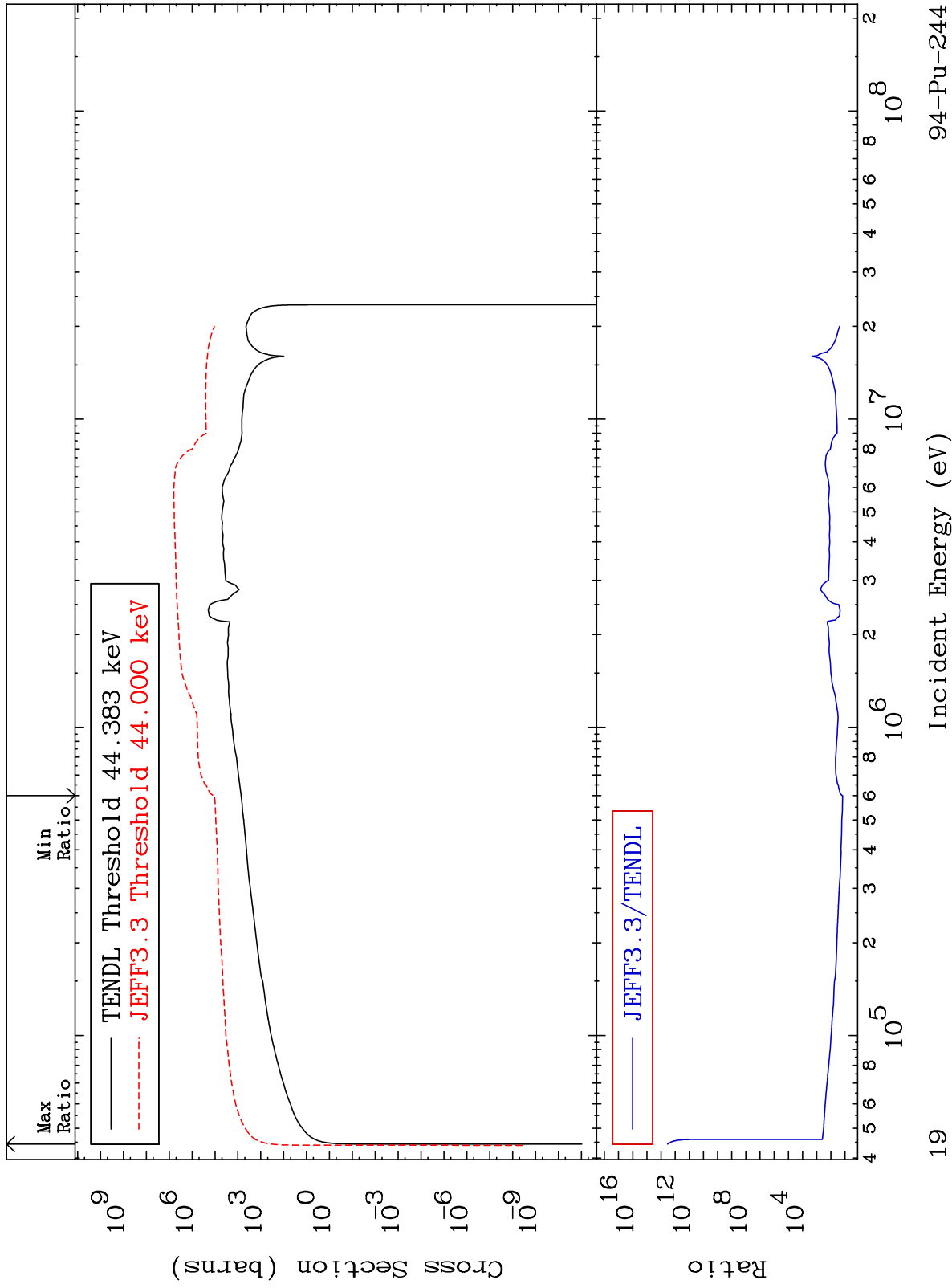
94-Pu-244
-100.0 To 9999. %



MAT 9452

Kerma inelastic (mt51-91)
Cross Section

94-Pu-244
1354. To 9999. %



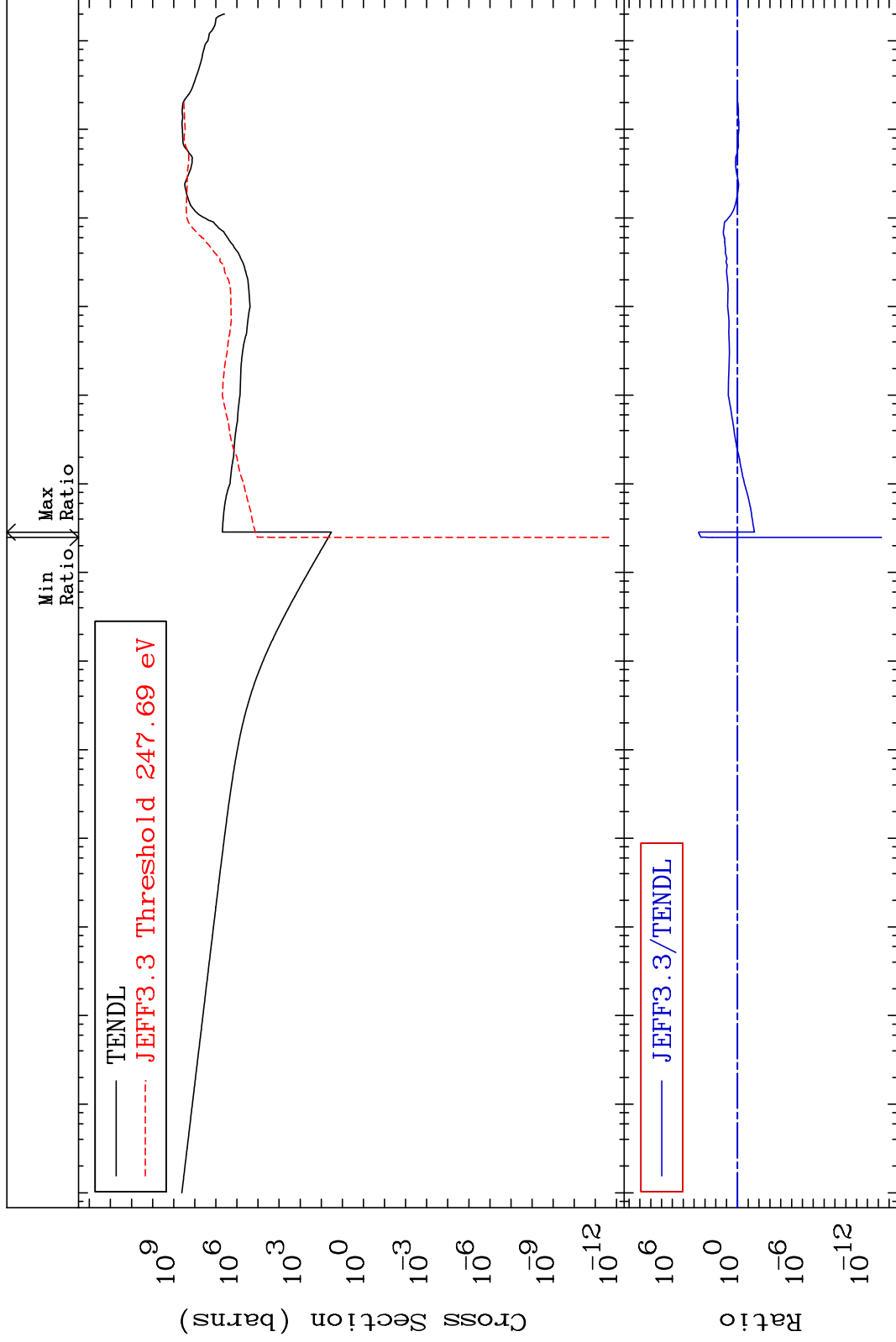
MAT 9452

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

94-Pu-244

-100.0 To 9999. %

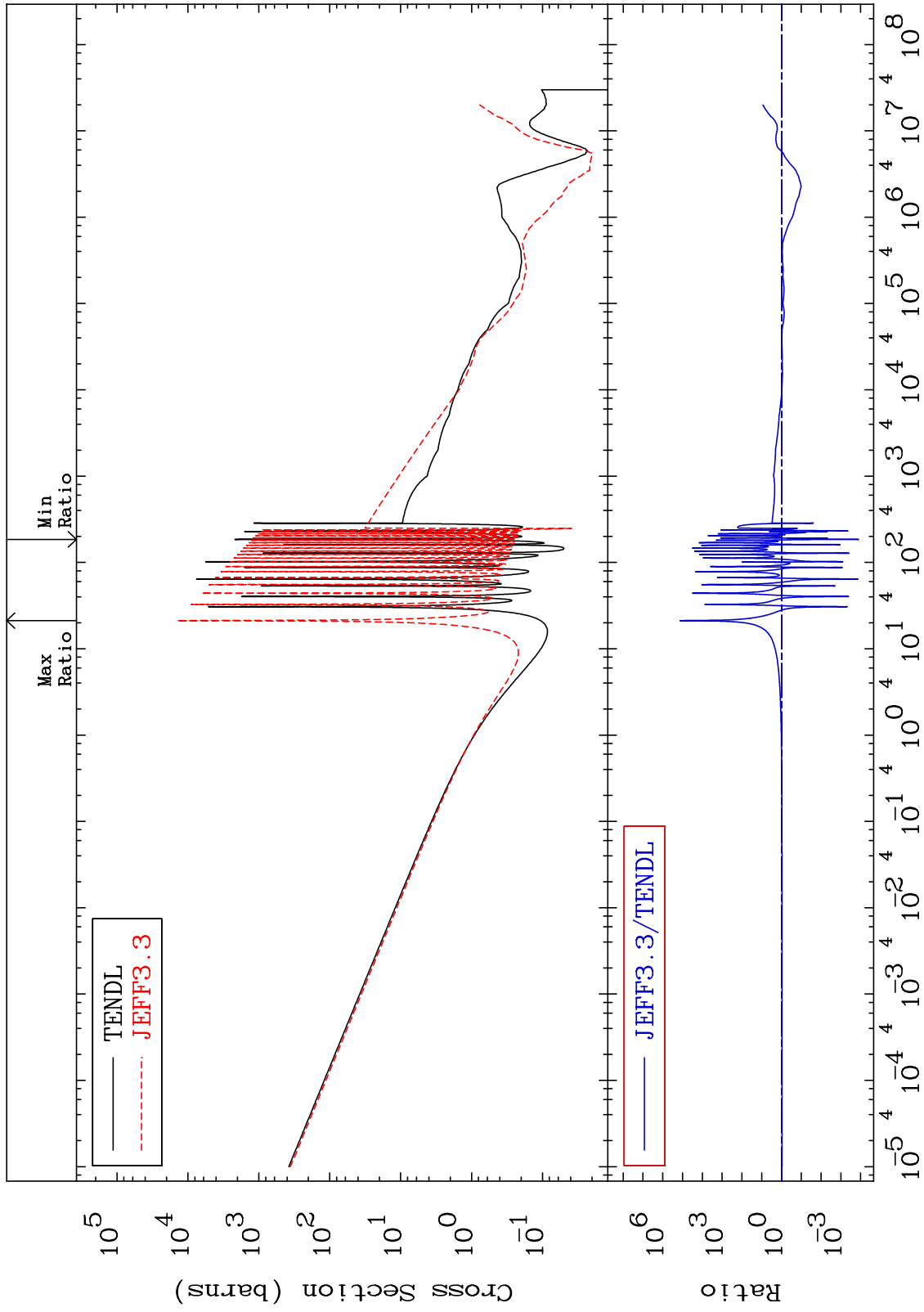
Cross Section



MAT 9452

Kerma capture (mt102)
Cross Section

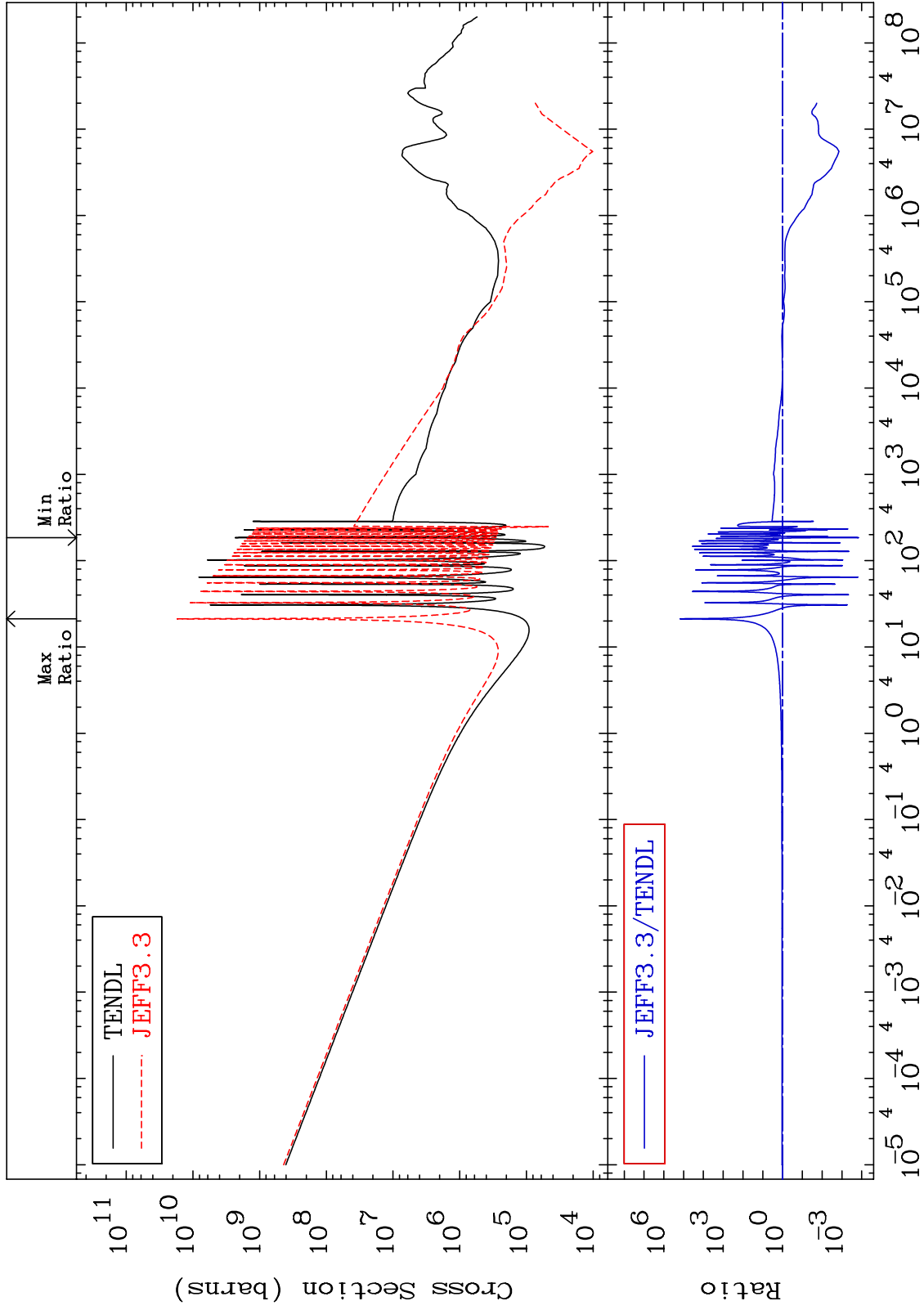
94-Pu-244
-99.99 To 9999. %



MAT 9452

Total photon (eV-barns)
Cross Section

94-Pu-244
-99.99 To 9999. %

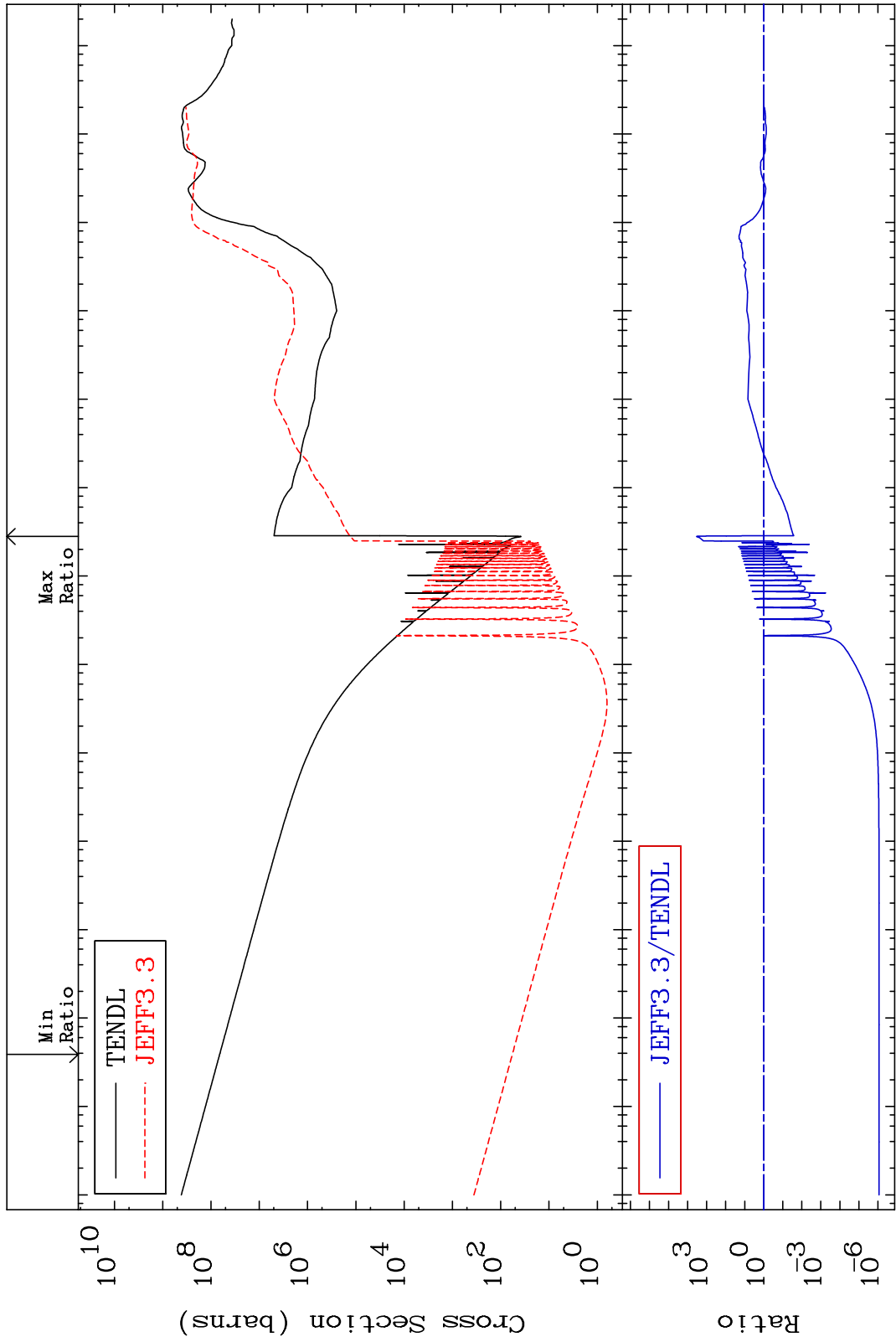


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Incident Energy (eV)

94-Pu-244

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

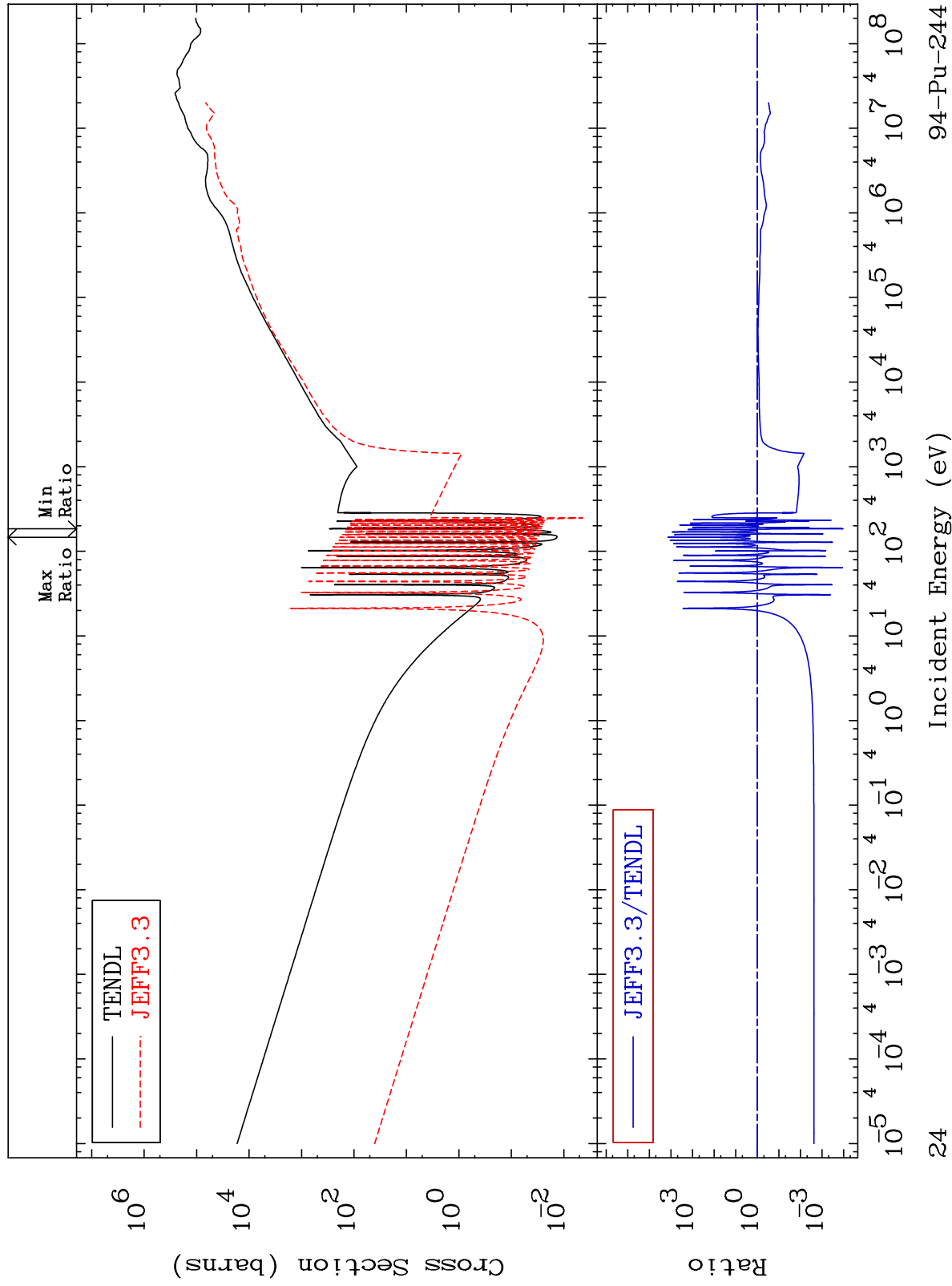


Incident Energy (eV) 94-Pu-244

MAT 9452

Dpa total (eV-barns)

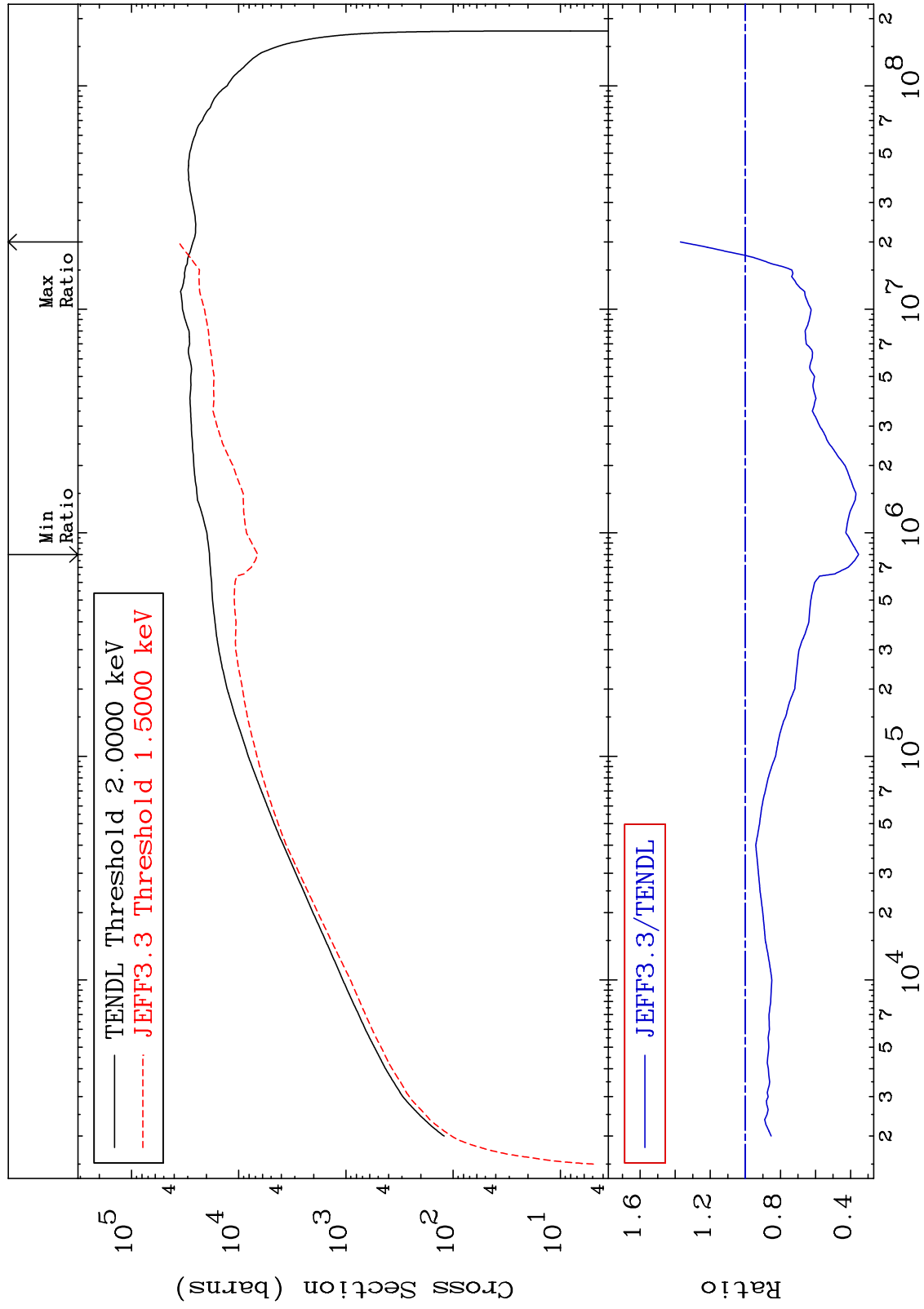
94-Pu-244
-99.99 To 9999. %



MAT 9452

Dpa elastic (mt2)
Cross Section

94-Pu-244
-64.51 To 37.00 %



25

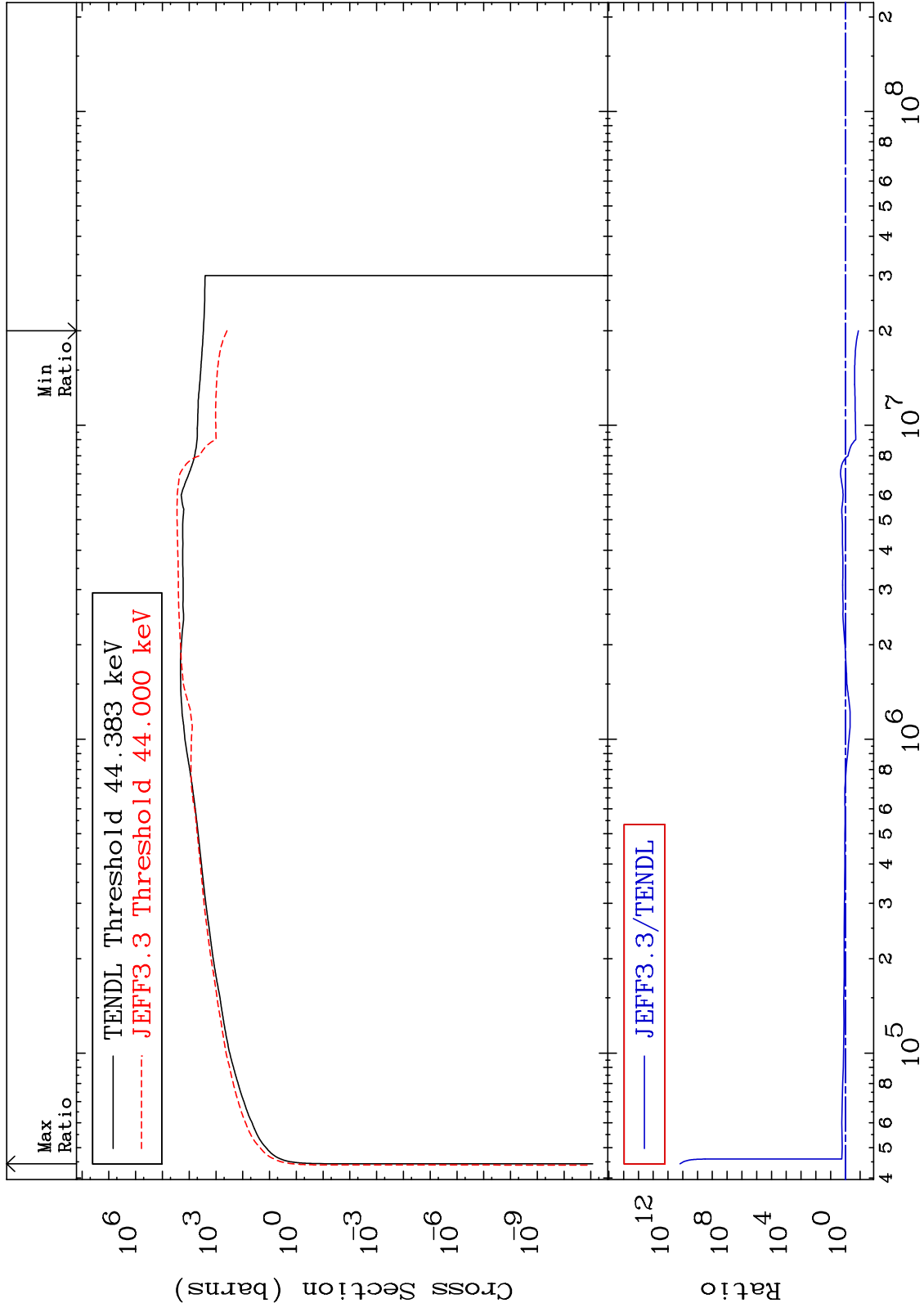
Incident Energy (eV)

94-Pu-244

MAT 9452

Dpa inelastic (mt51-91)
Cross Section

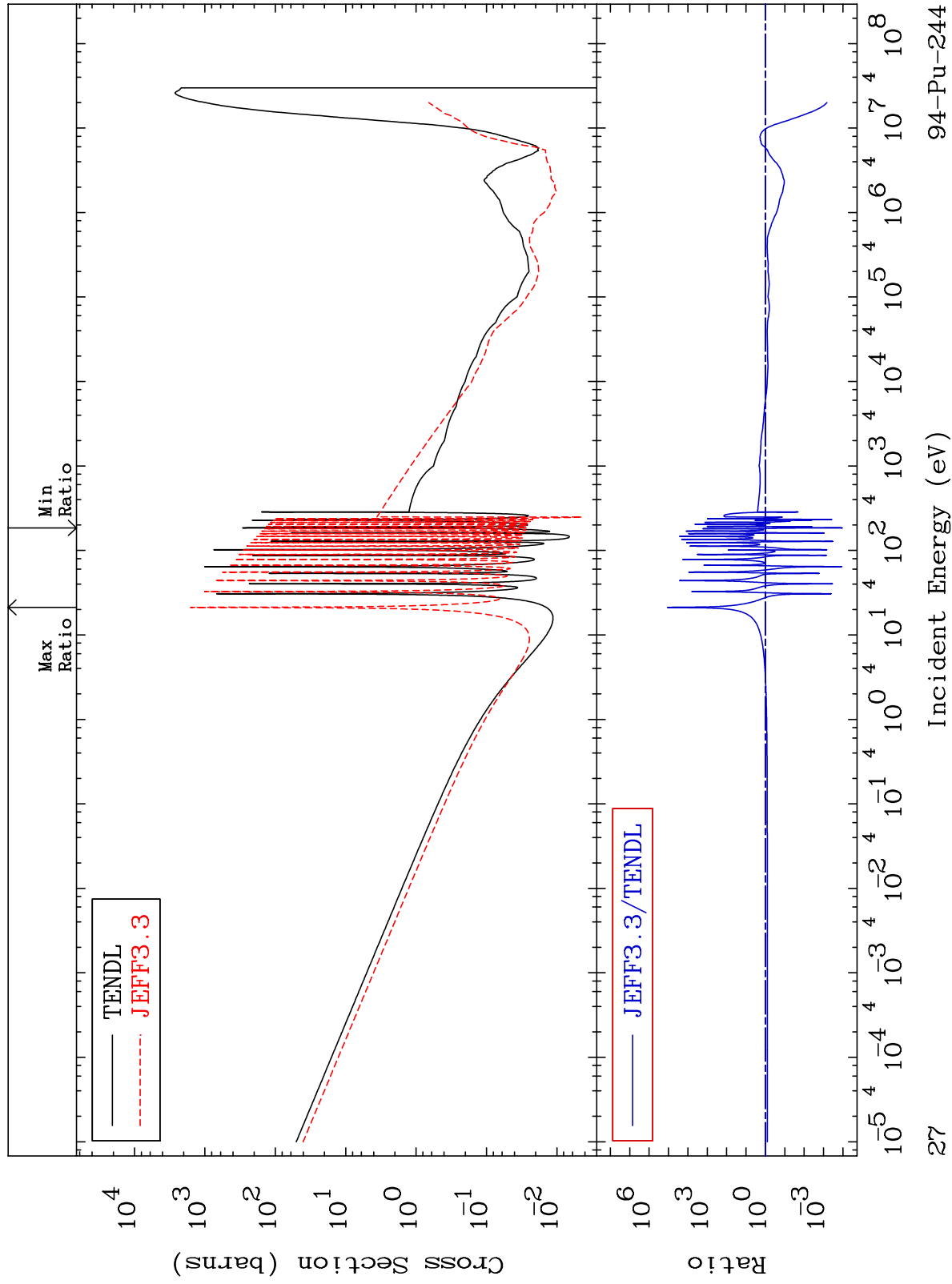
94-Pu-244
-86.80 To 9999. %



MAT 9452

Dpa disappearance (mt102 -120)

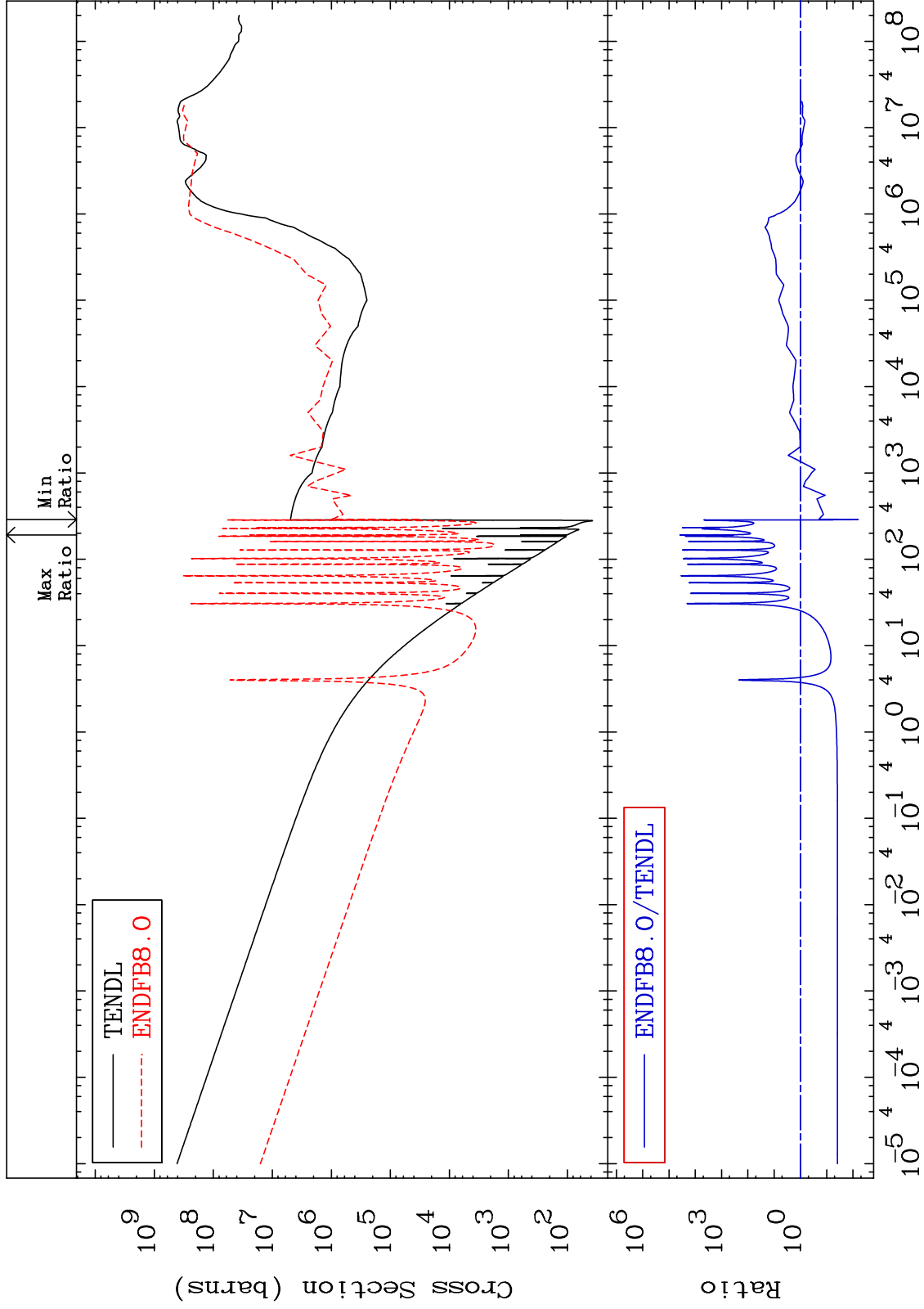
94-Pu-244
-99.99 To 9999. %



MAT 9452

Total kinematic kerma (high limit)
Cross Section

94-Pu-244
-99.38 To 9999. %



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Incident Energy (eV)

94-Pu-244

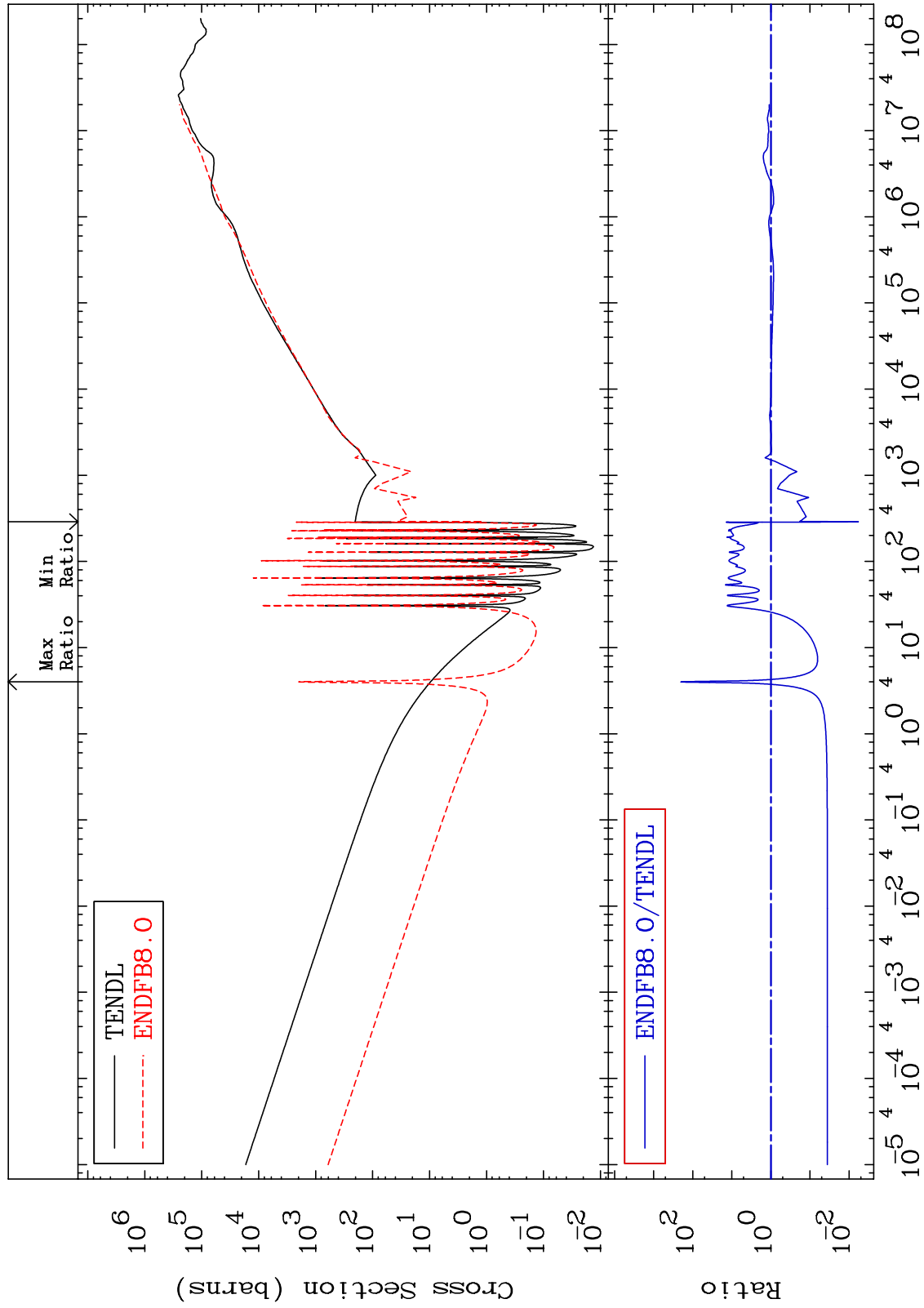
MAT 9452

Dpa total (eV-barns)

94-Pu-244

-99.43 To 9999. %

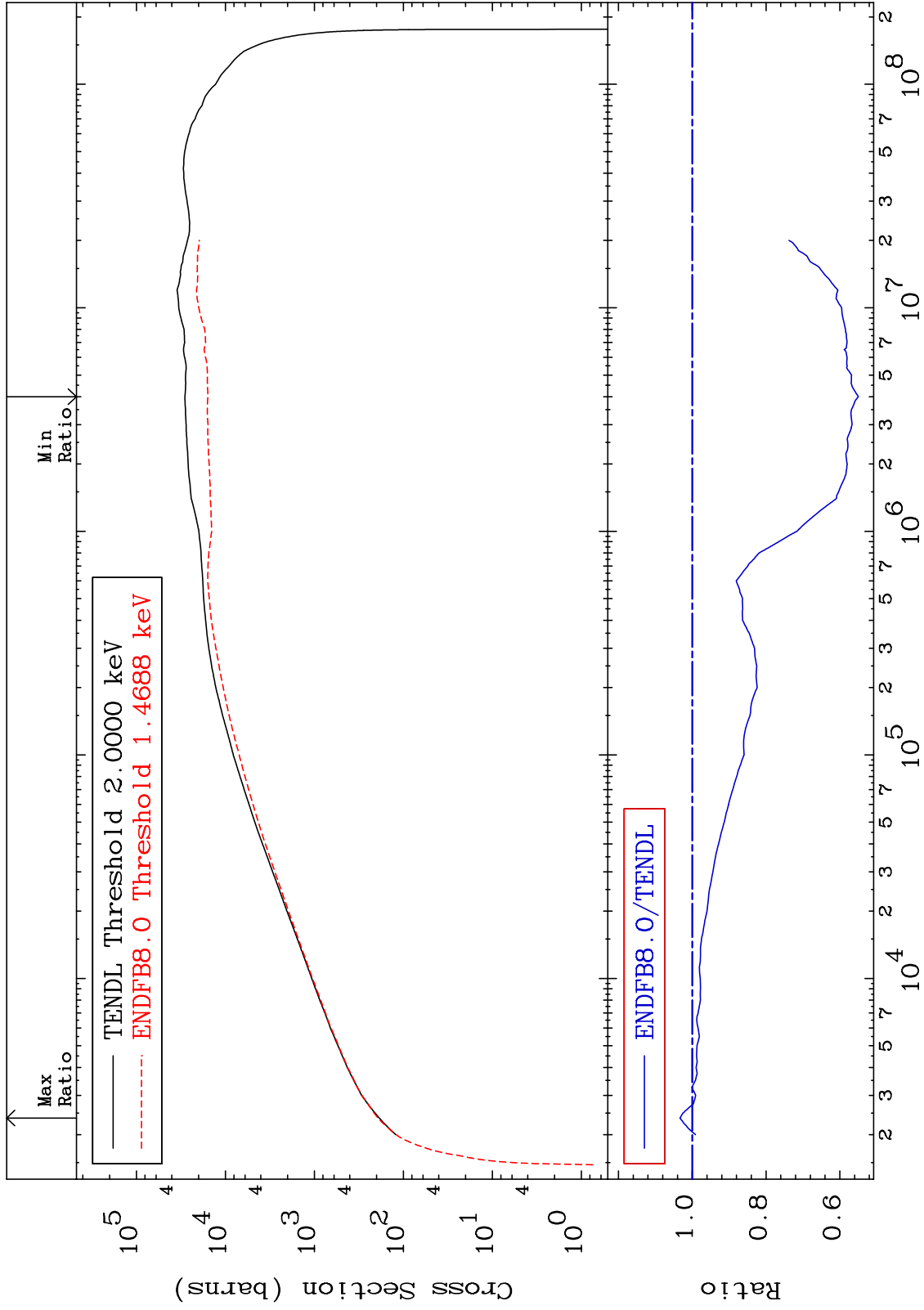
Cross Section



MAT 9452

Dpa elastic (mt2)
Cross Section

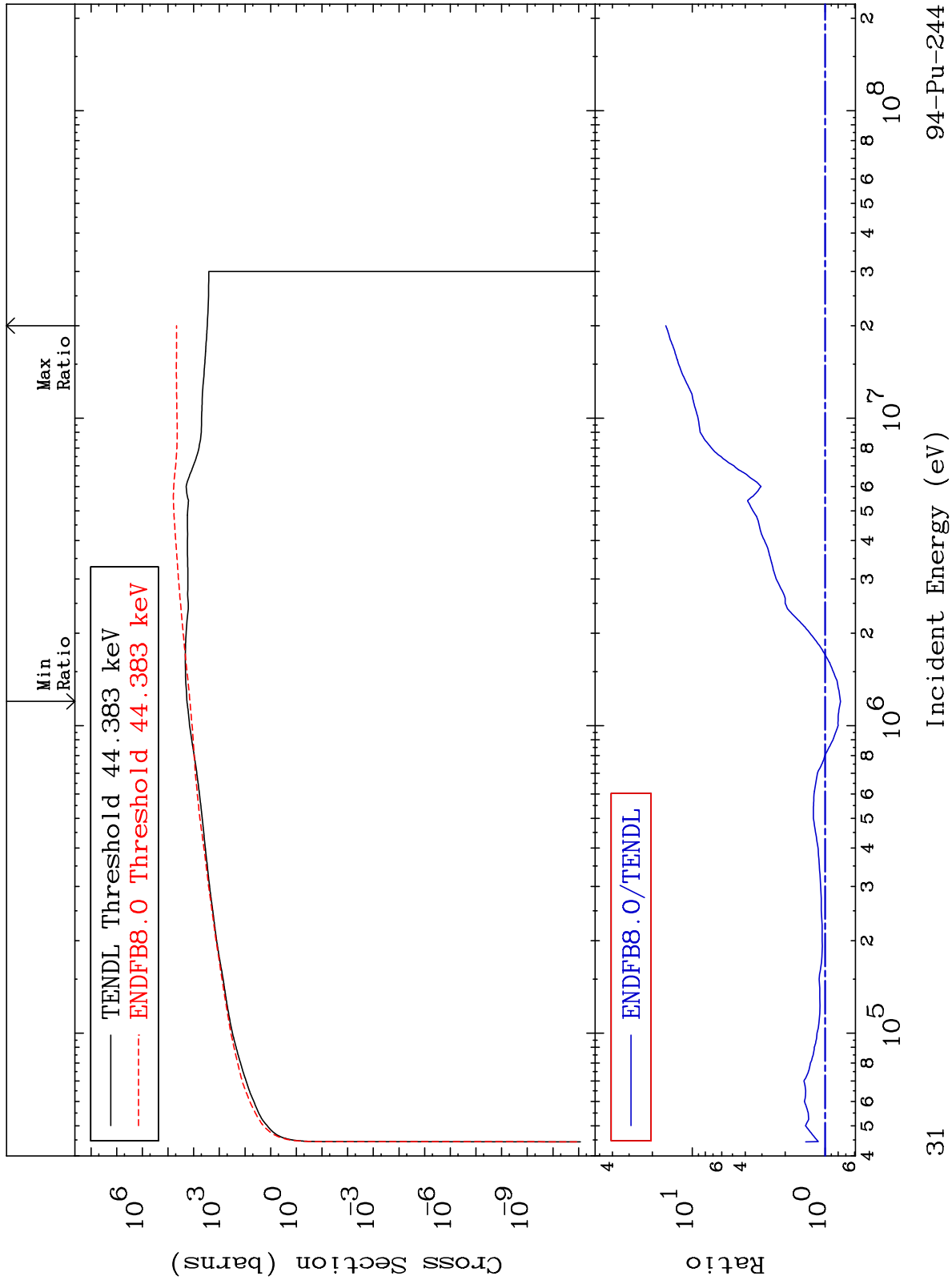
94-Pu-244
-45.03 To 3.314 %



MAT 9452

Dpa inelastic (mt51-91)
Cross Section

94-Pu-244
-23.33 To 1483. %



MAT 9452

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-244
-99.99 To 9999. %

