

Program Complot
(Version 2021-1)

by

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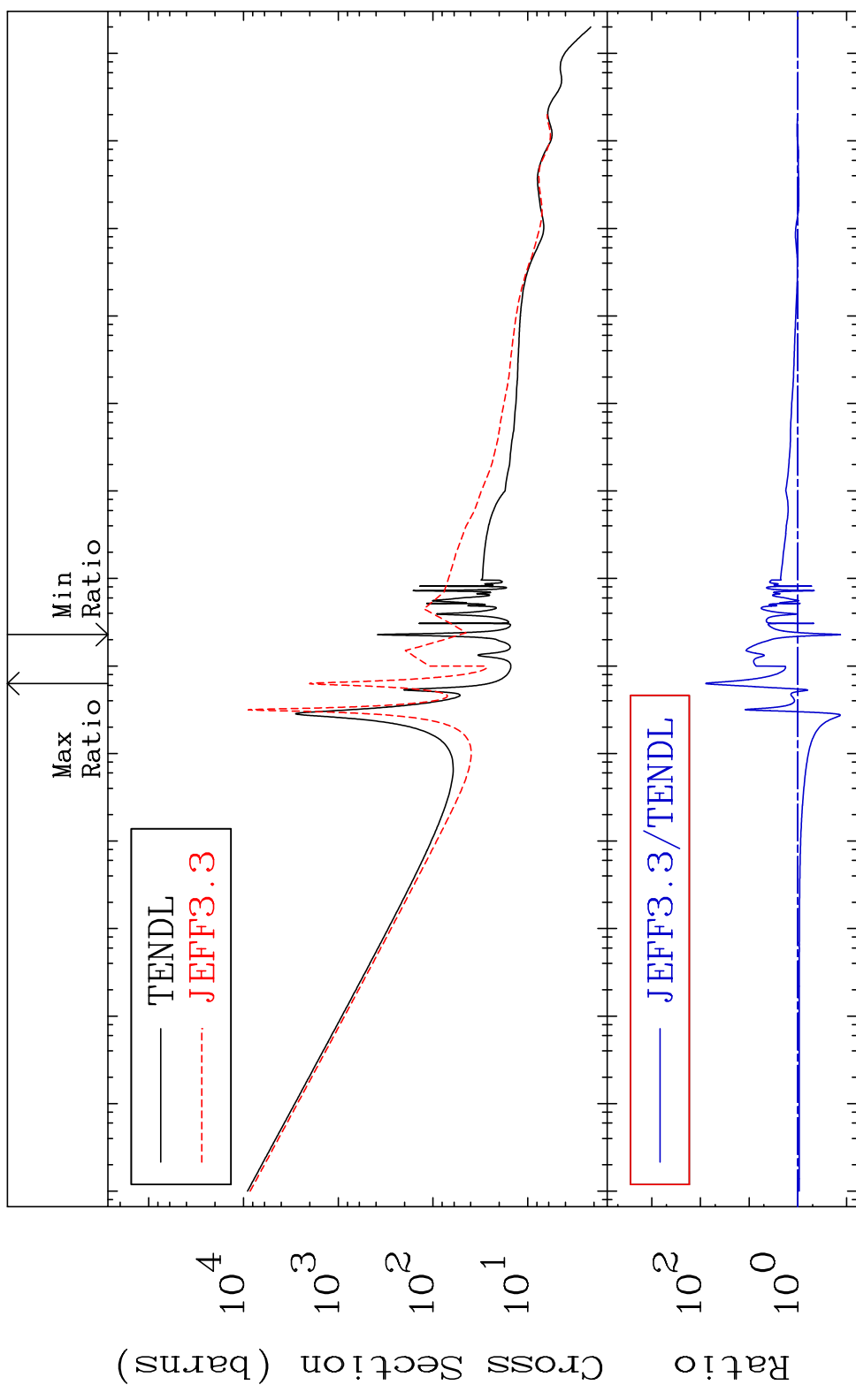
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9428

Total
Cross Section -86.60 To 7689. %

94-Pu-236



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

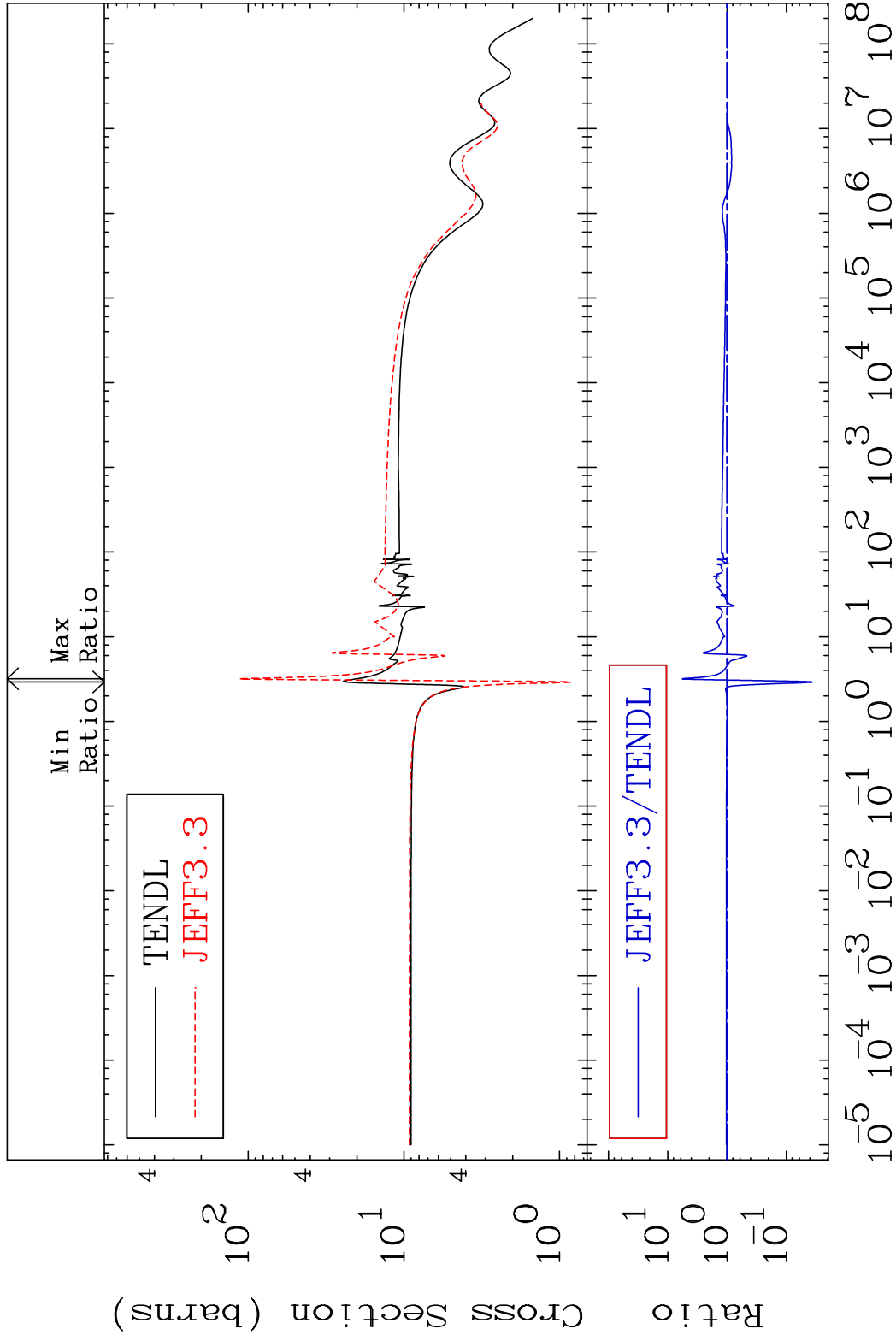
1 Incident Energy (eV) 94-Pu-236

MAT 9428

Elastic

94-Pu-236

Cross Section -96.40 To 465.7 %



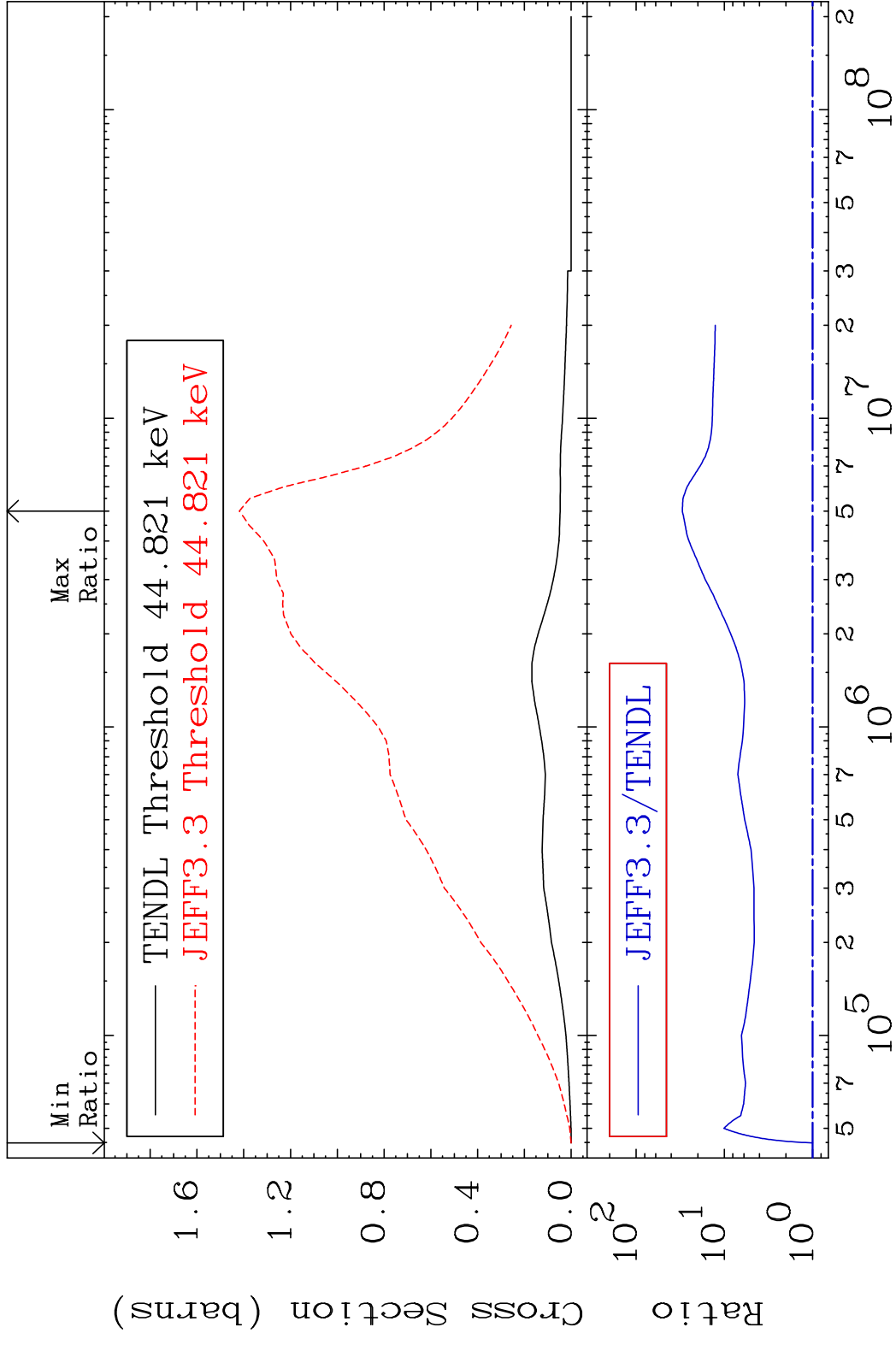
MAT 9428

Inelastic

94-Pu-236

Cross Section 0.000

To 2893. %

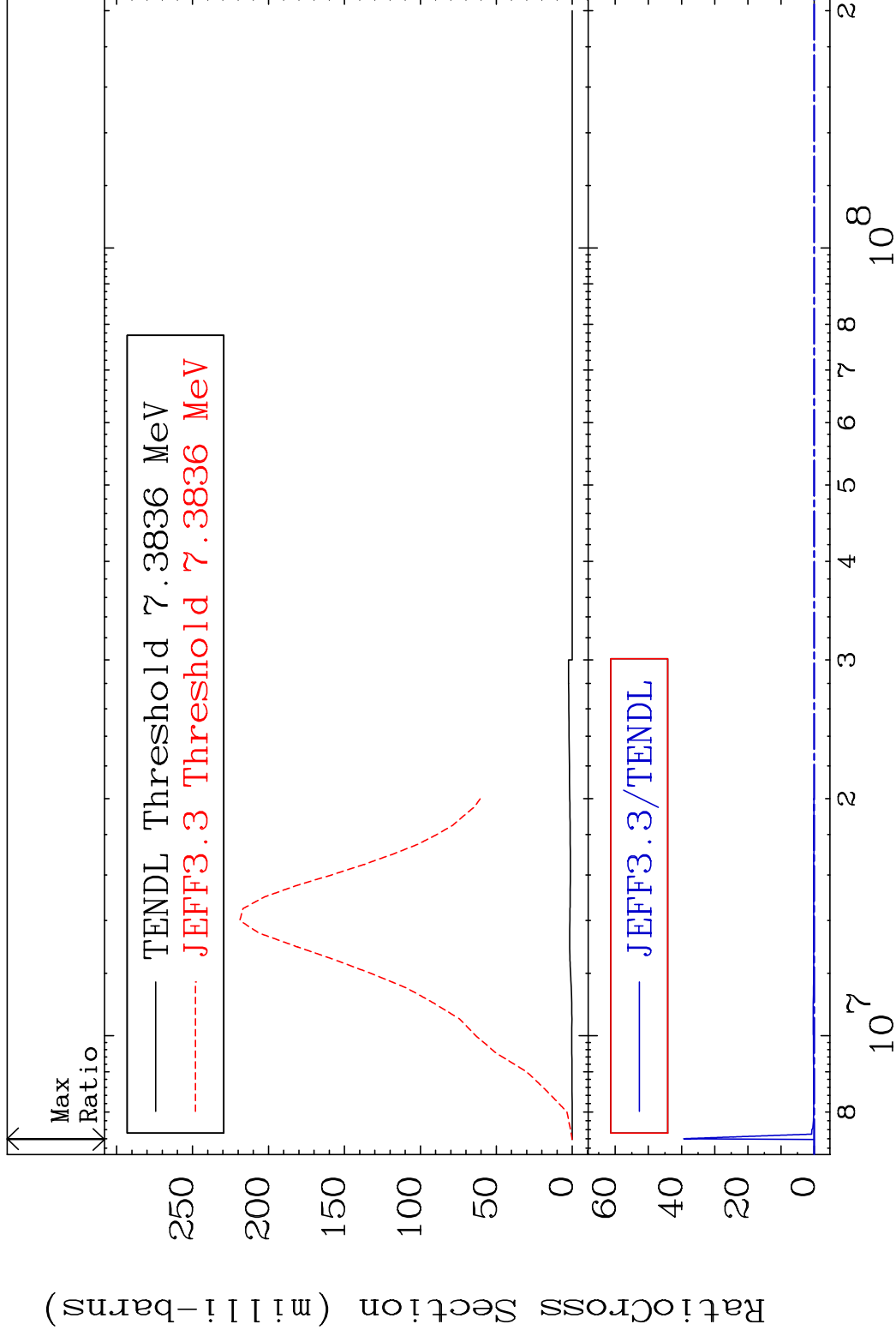


MAT 9428

(n,2n)

94-Pu-236

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

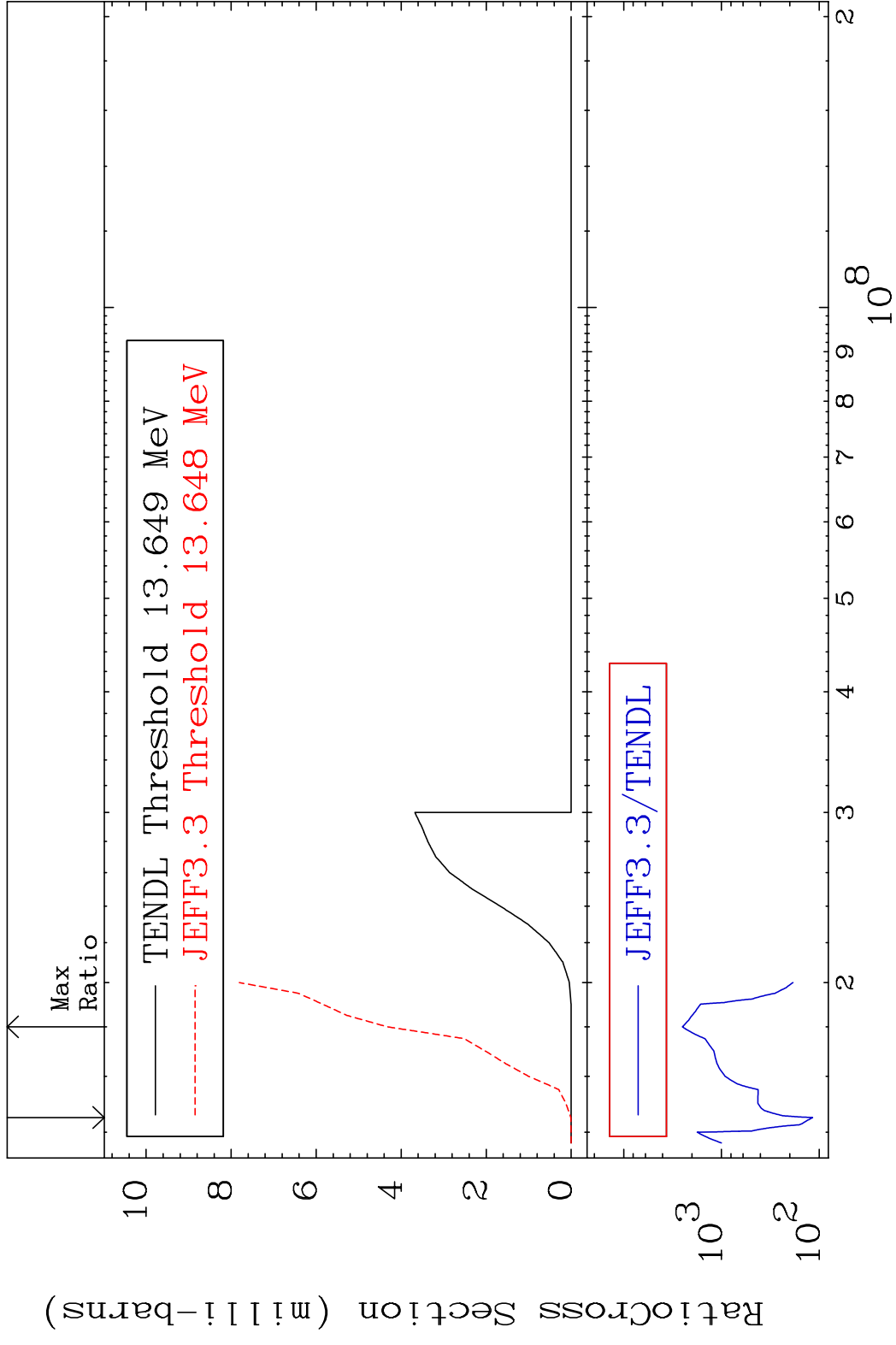
94-Pu-236

MAT 9428

(n,3n)

94-Pu-236

Cross Section 9999. To 9999. %



5

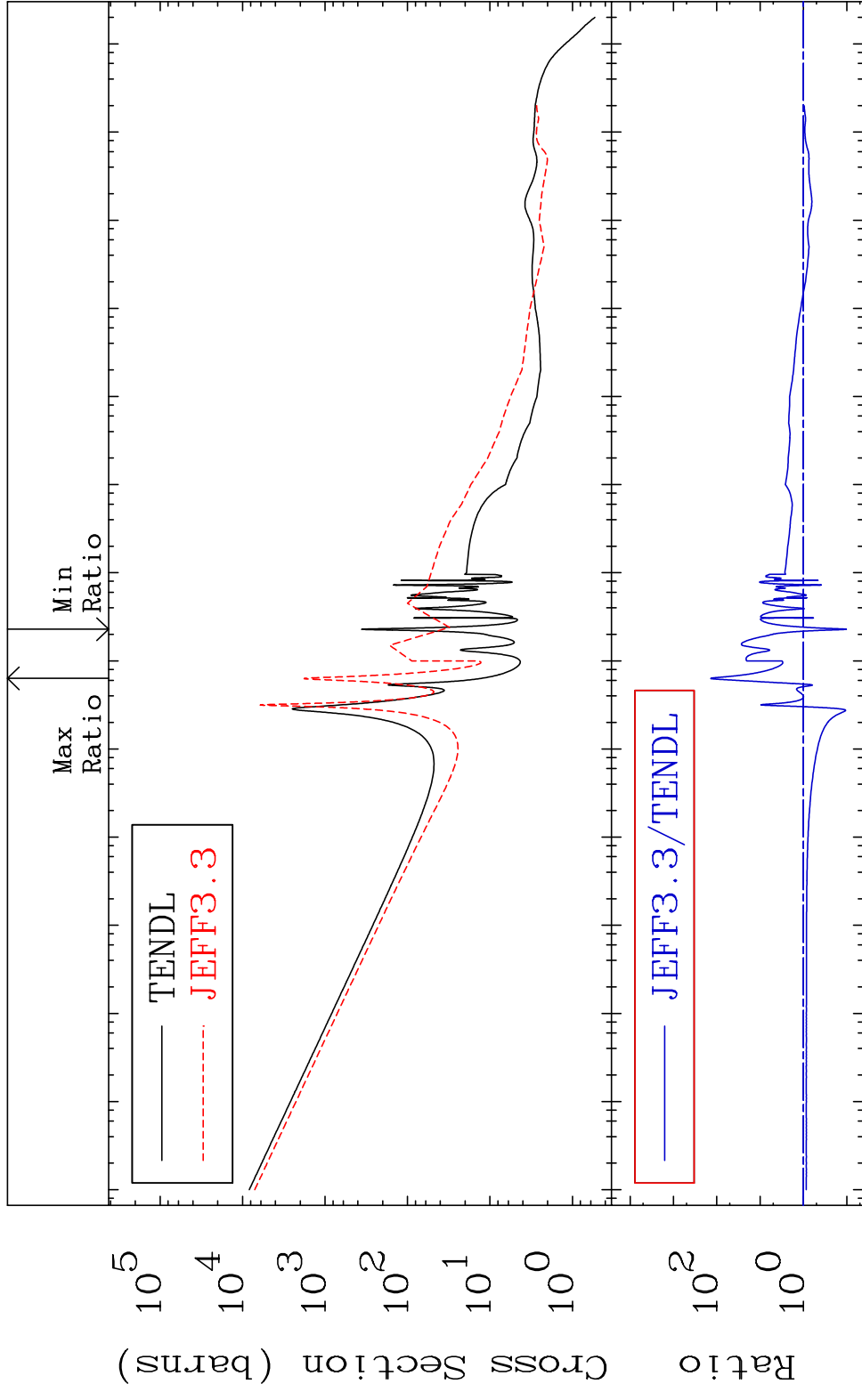
Incident Energy (eV)

94-Pu-236

MAT 9428

Fission Cross Section -89.75 To 9999. %

94-Pu-236



Ratio

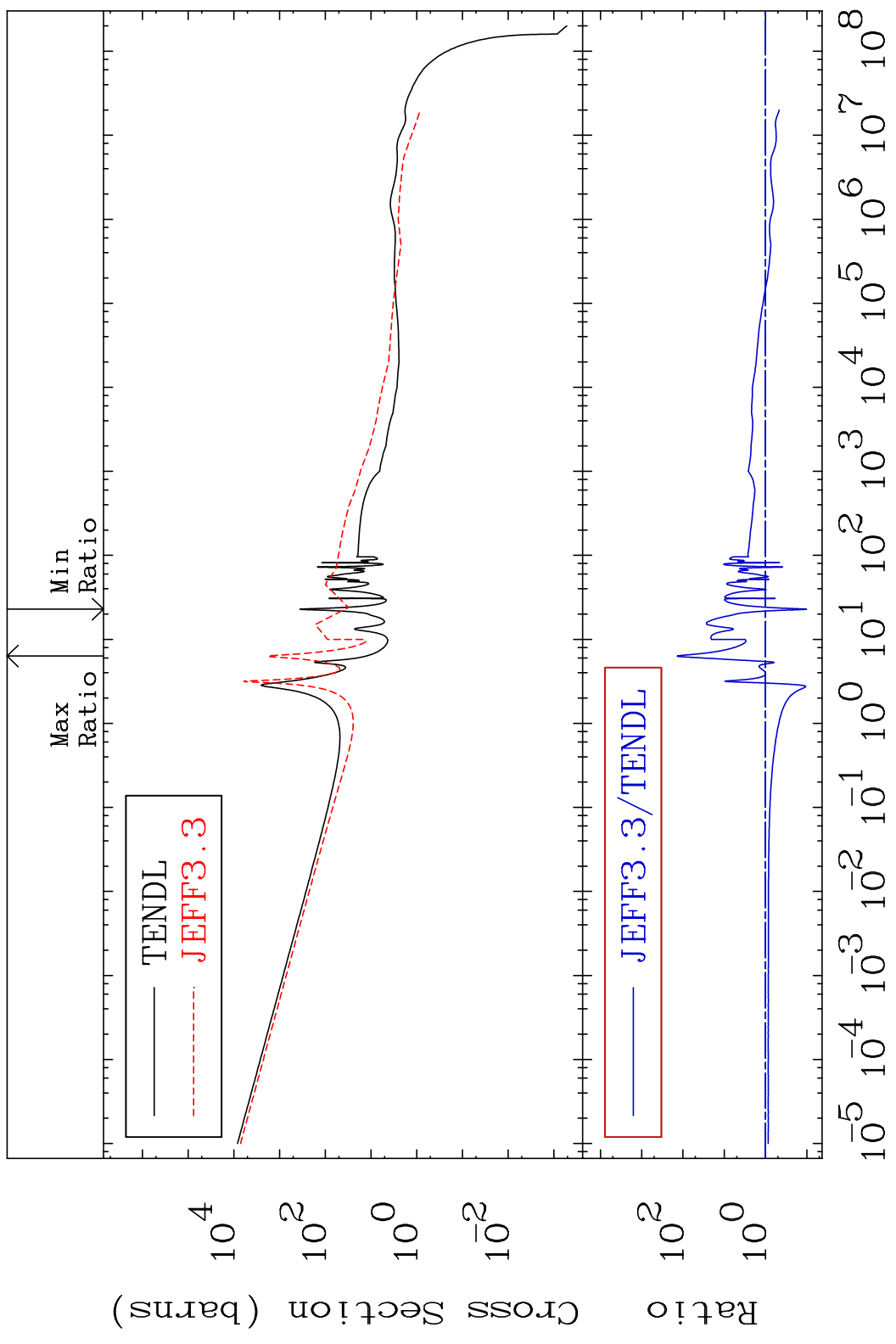
6

Incident Energy (eV)

94-Pu-236

MAT 9428

(n,f) First Chance 94-Pu-236
Cross Section -89.75 To 9999. %



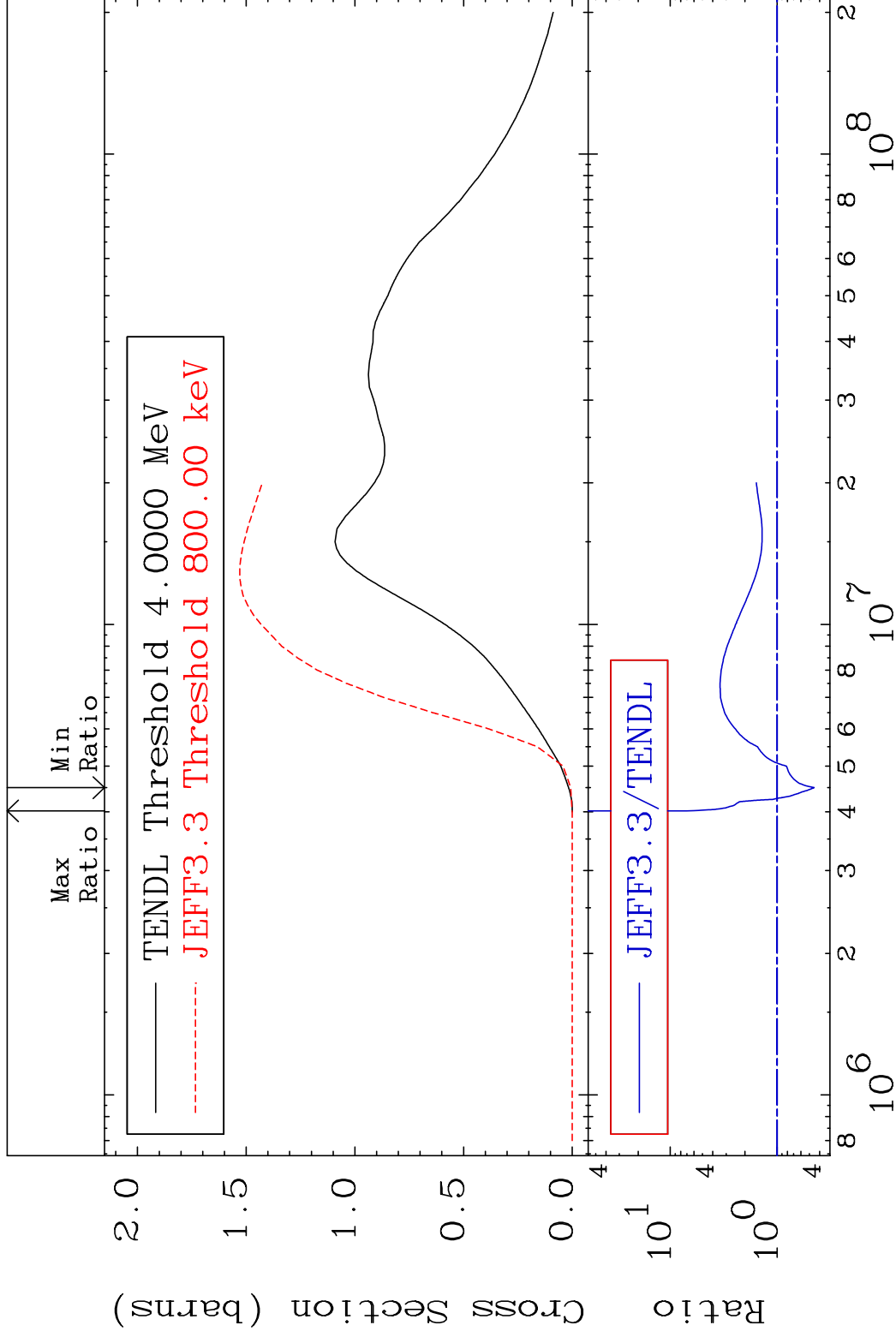
7 Incident Energy (eV) 94-Pu-236

MAT 9428

(n, nf) Second Chance

94-Pu-236

Cross Section -54.97 To 649.9 %



8

Incident Energy (eV)

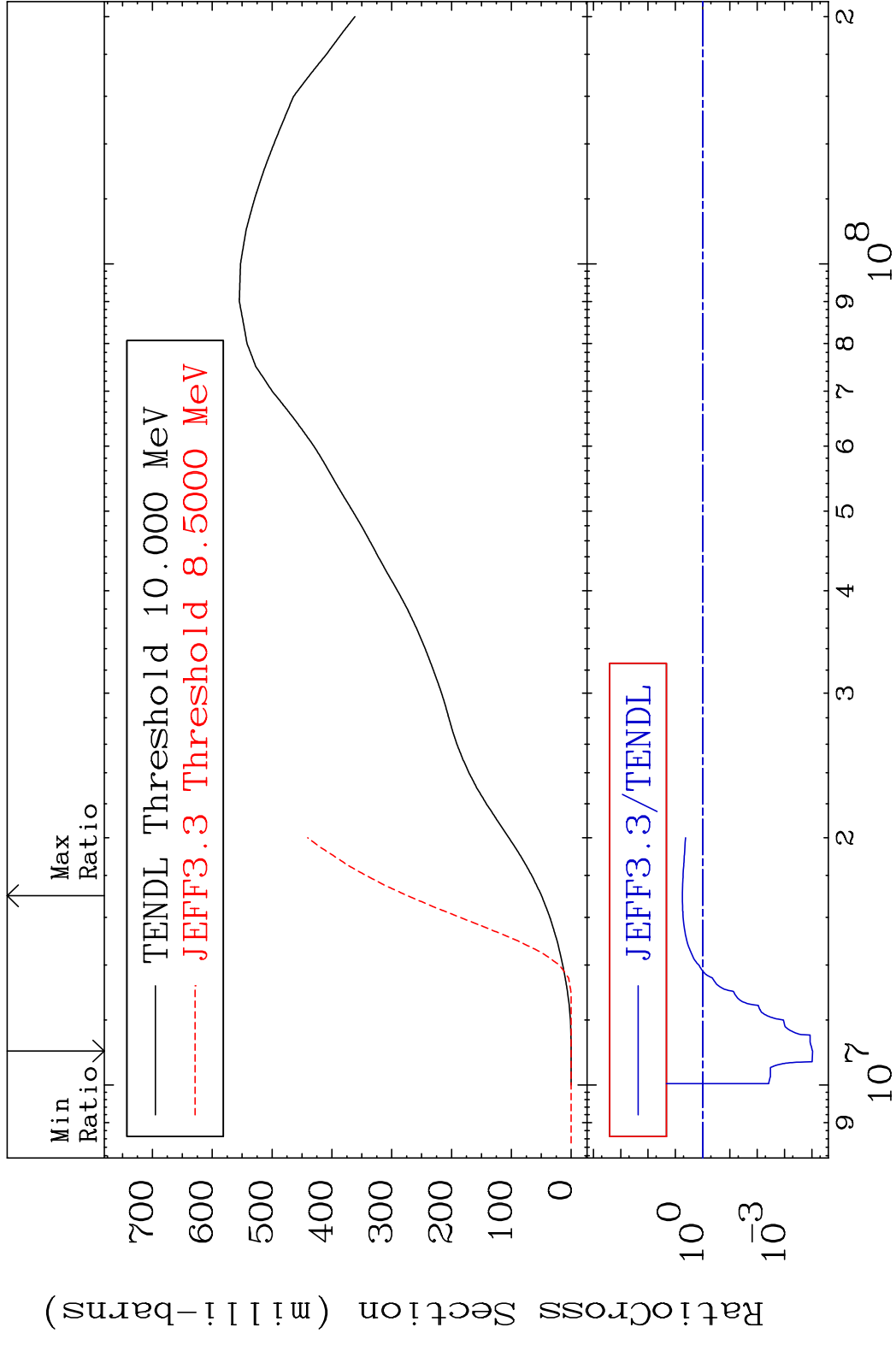
94-Pu-236

MAT 9428

(n,2nf) Third Chance

94-Pu-236

Cross Section -99.99 To 452.9 %

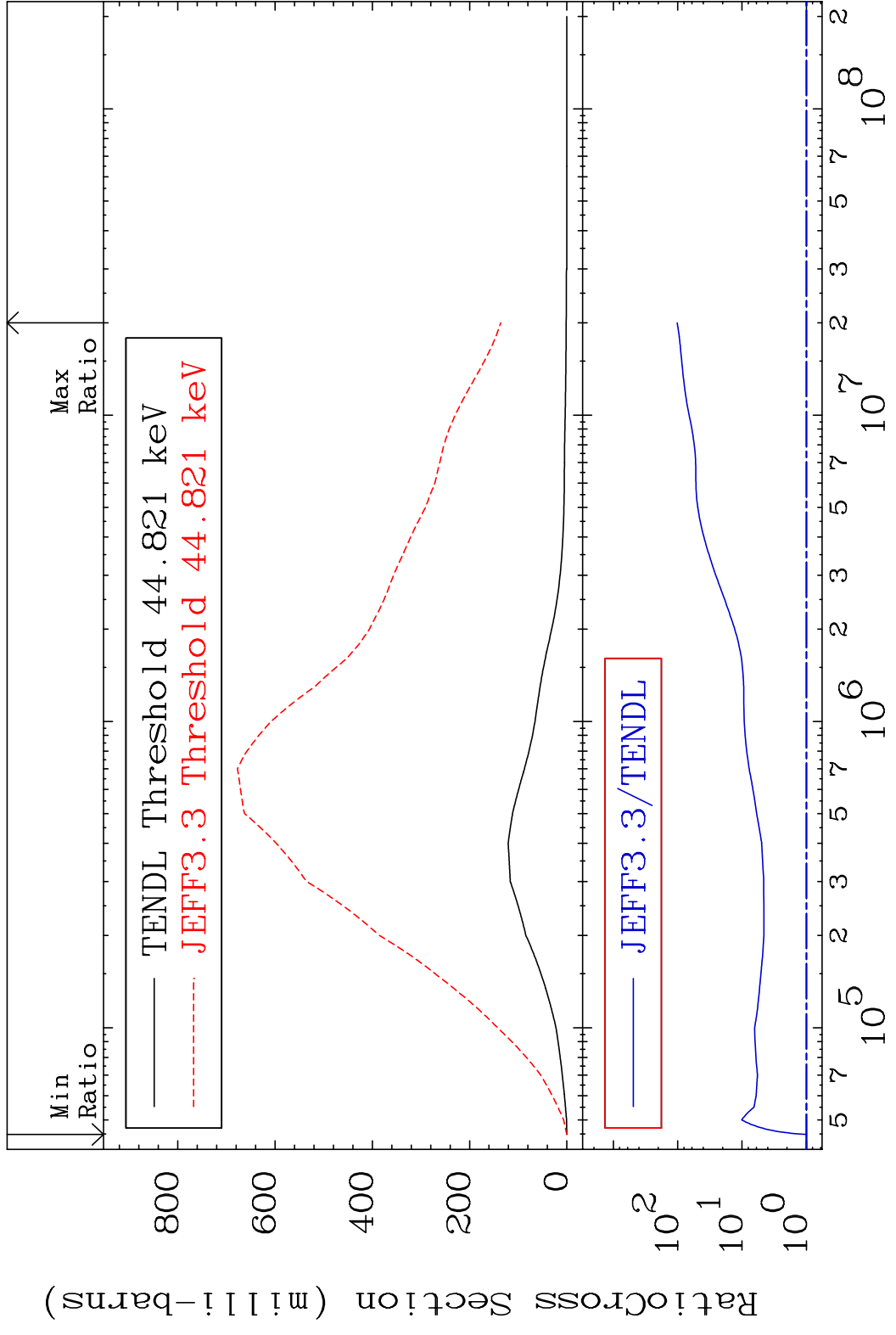


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Incident Energy (eV)

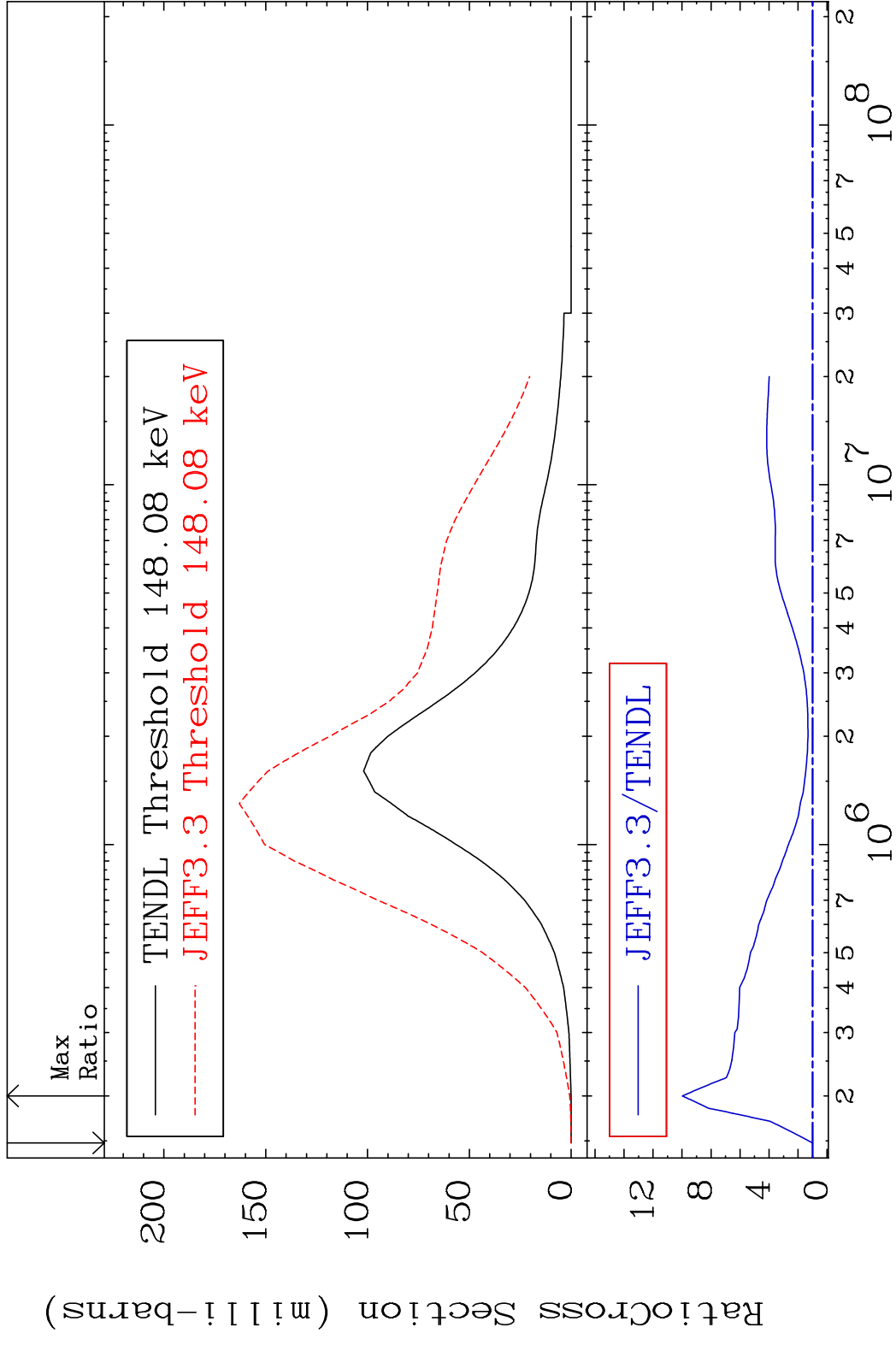
94-Pu-236

MAT 9428 MT= 51 (n,n') Level 94-Pu-236
 Cross Section 0.000 To 9999. %

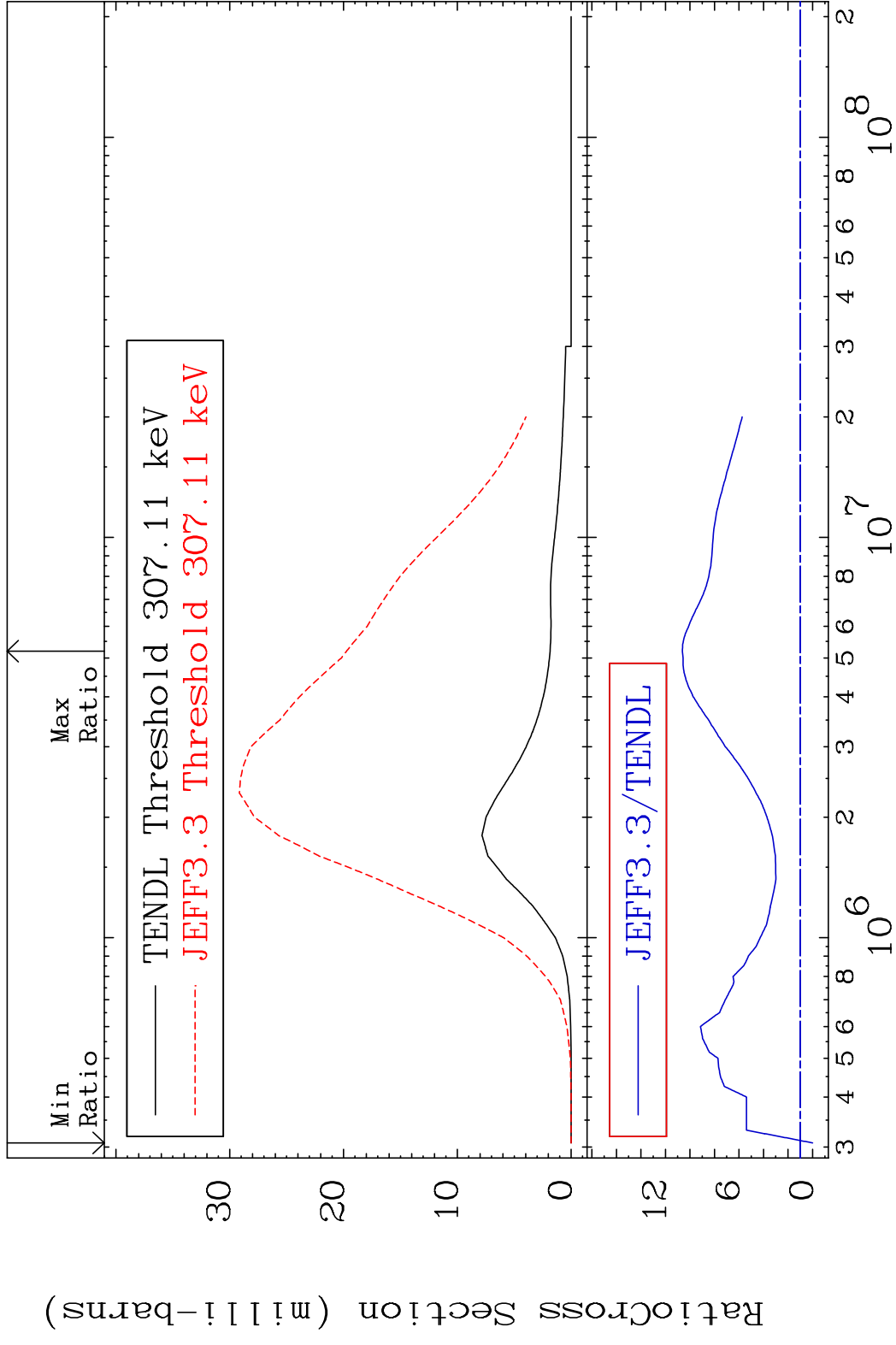


10 Incident Energy (eV) 94-Pu-236

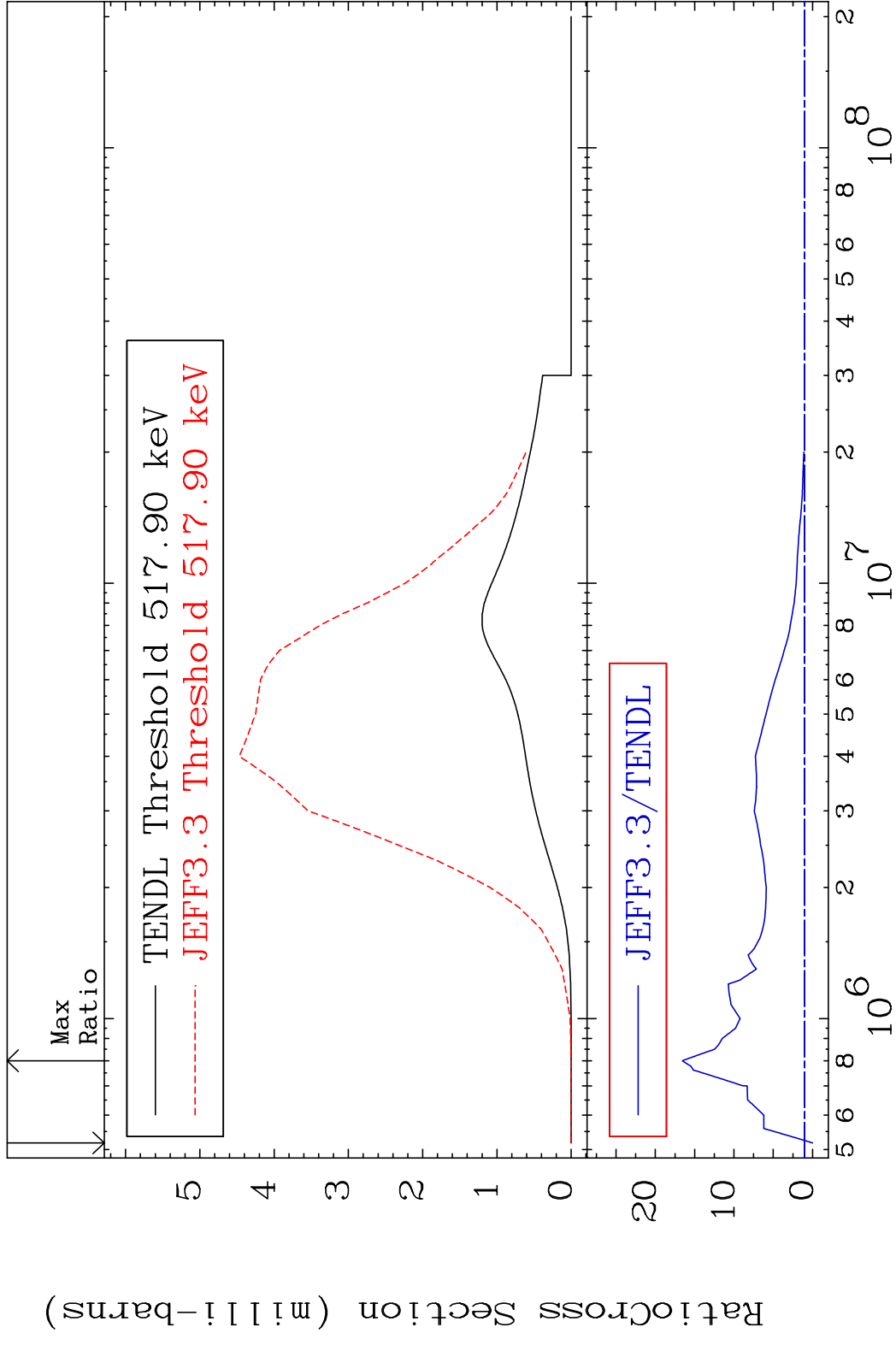
MAT 9428 MT= 52 (n, n') Level 94-Pu-236
 Cross Section 0.000 To 897.7 %



MAT 9428 MT= 53 (n, n') Level 94-Pu-236
 Cross Section -100.0 To 962.0 %



MAT 9428 MT= 54 (n, n') Level 94-Pu-236
 Cross Section -100.0 To 1556. %

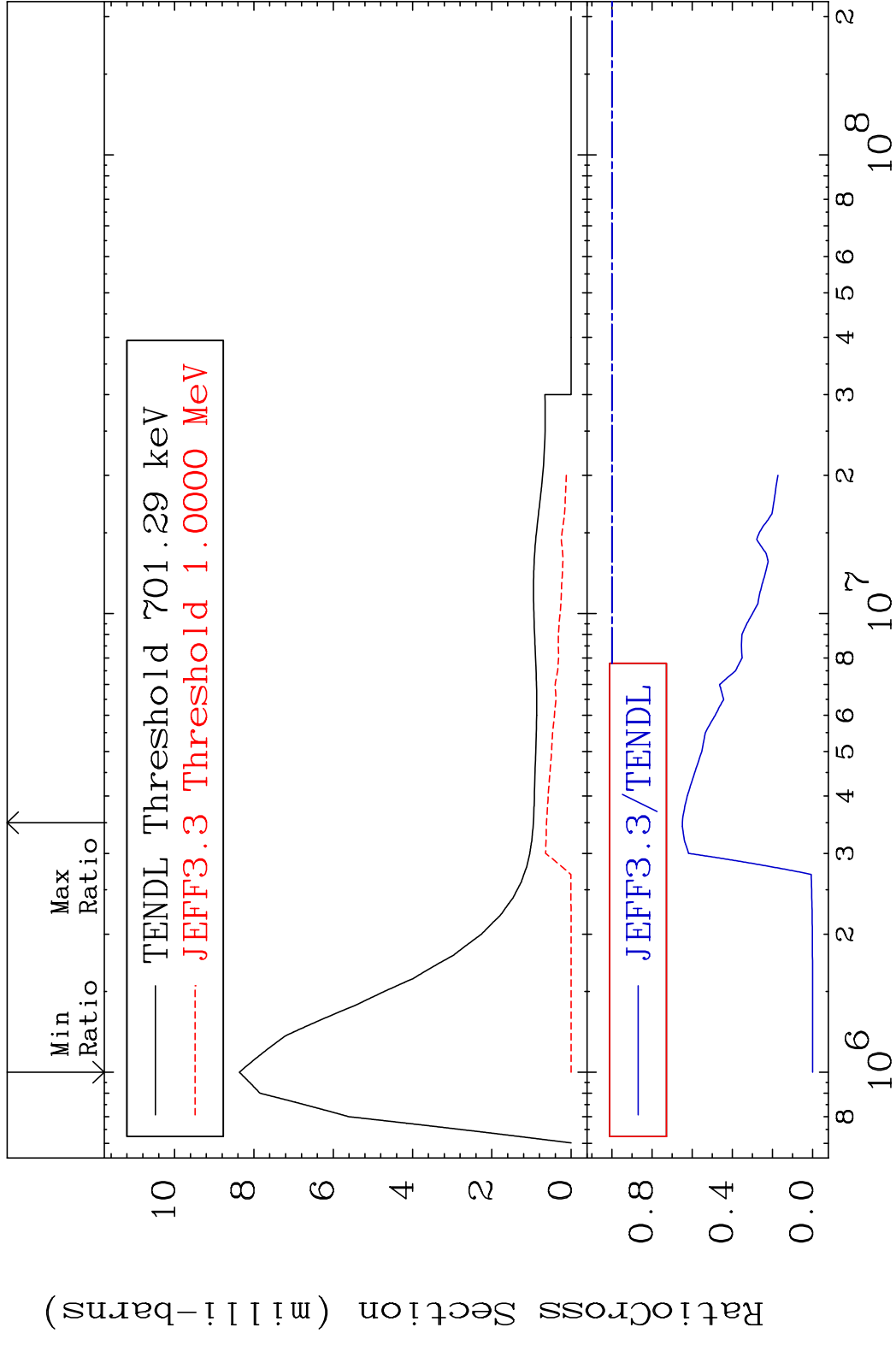


MAT 9428

MT= 55 (n, n') Level

94-Pu-236

Cross Section -100.0 To -35.08%

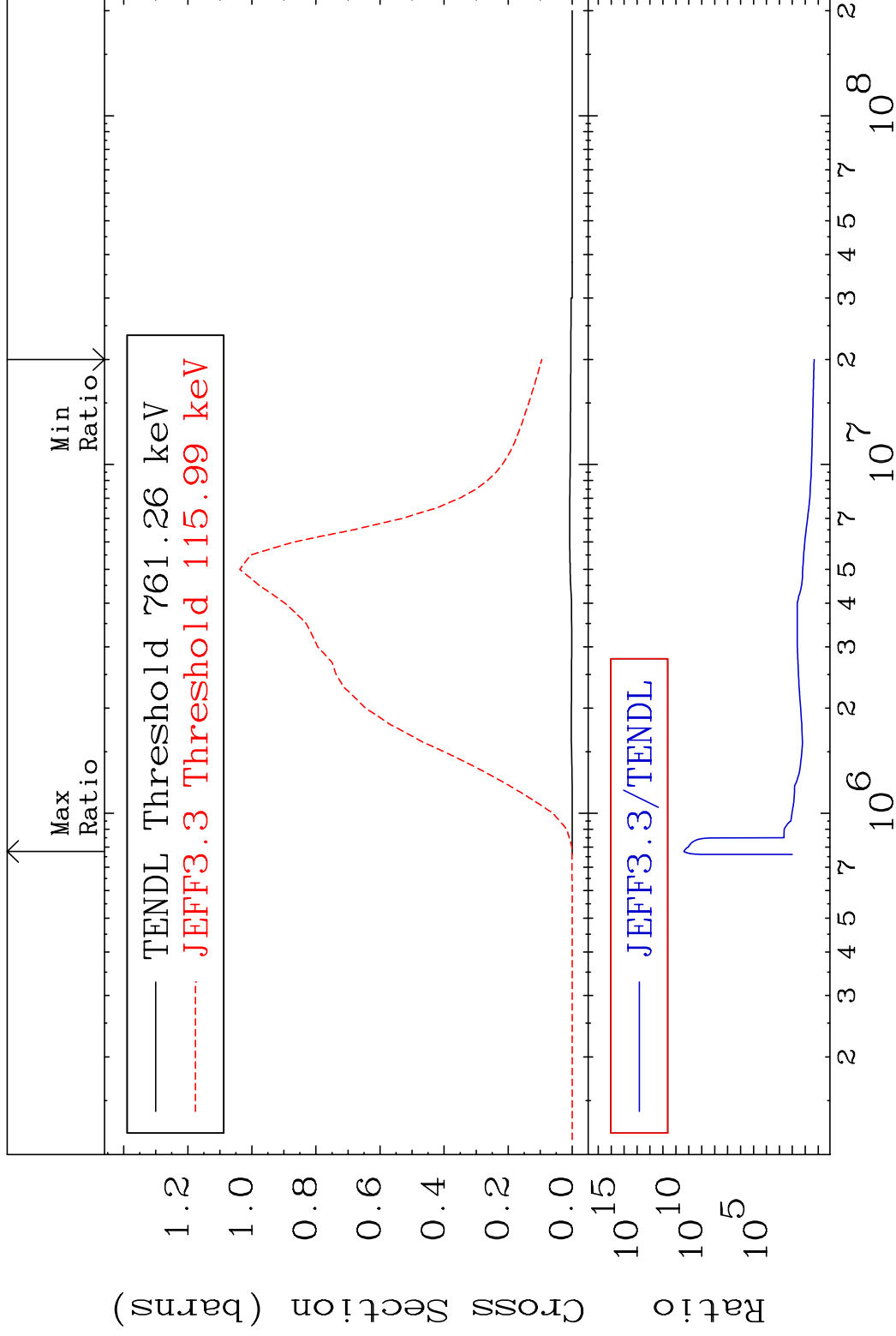


MAT 9428

(n, n') Continuum

94-Pu-236

Cross Section 1975. To 9999. %



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Incident Energy (eV)

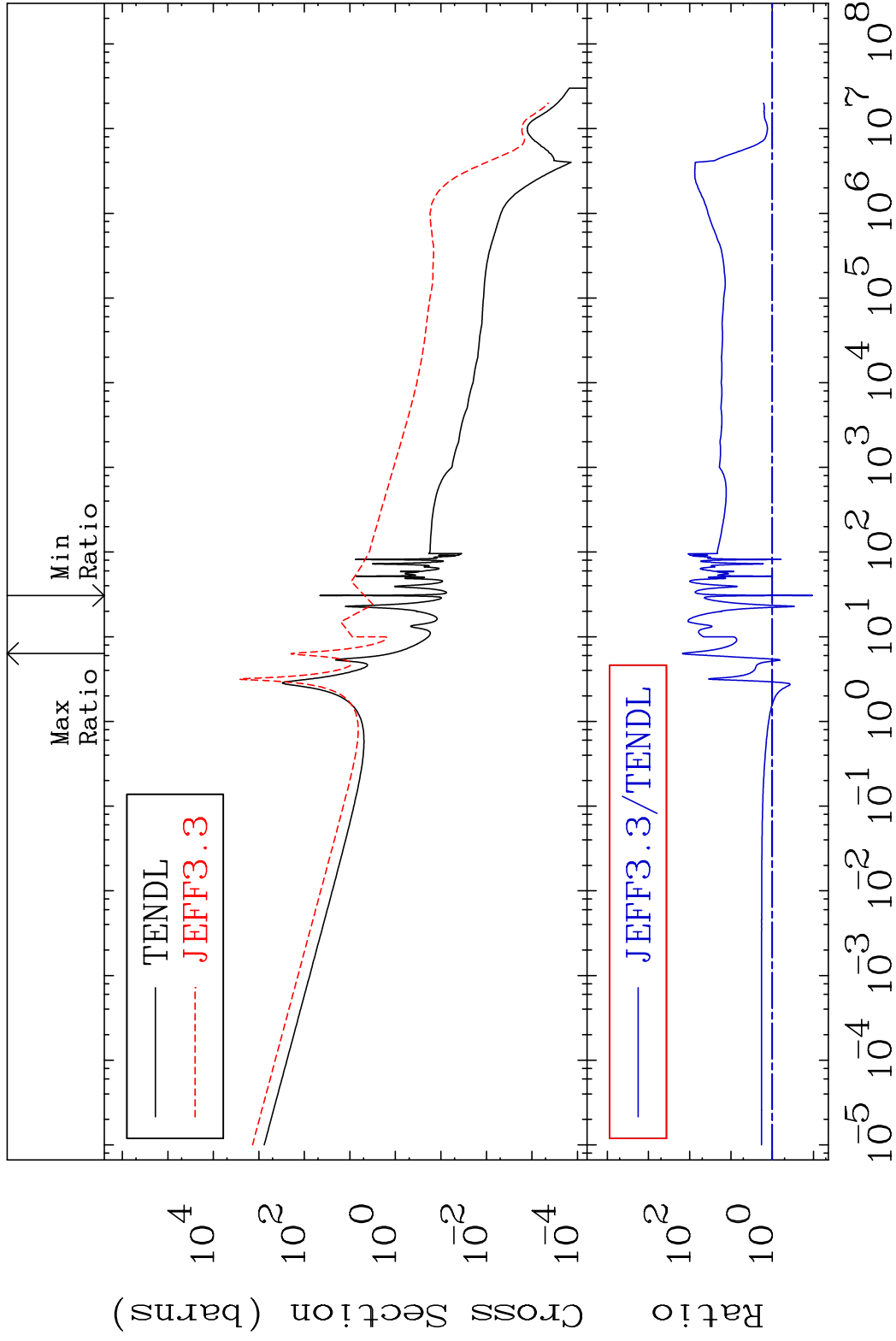
94-Pu-236

MAT 9428

(n, γ)

94-Pu-236

Cross Section -89.50 To 9999. %



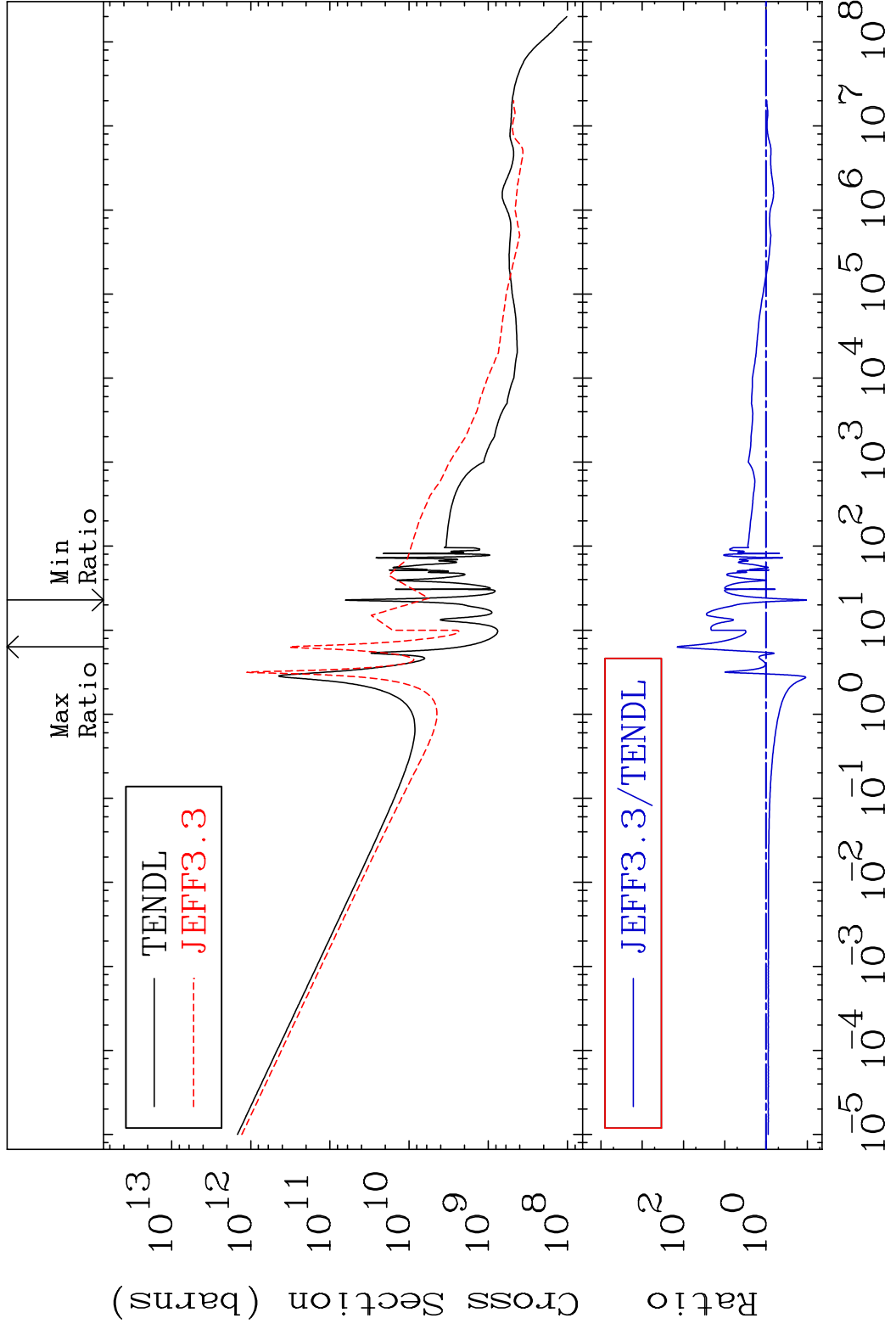
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Incident Energy (eV)

94-Pu-236

MAT 9428

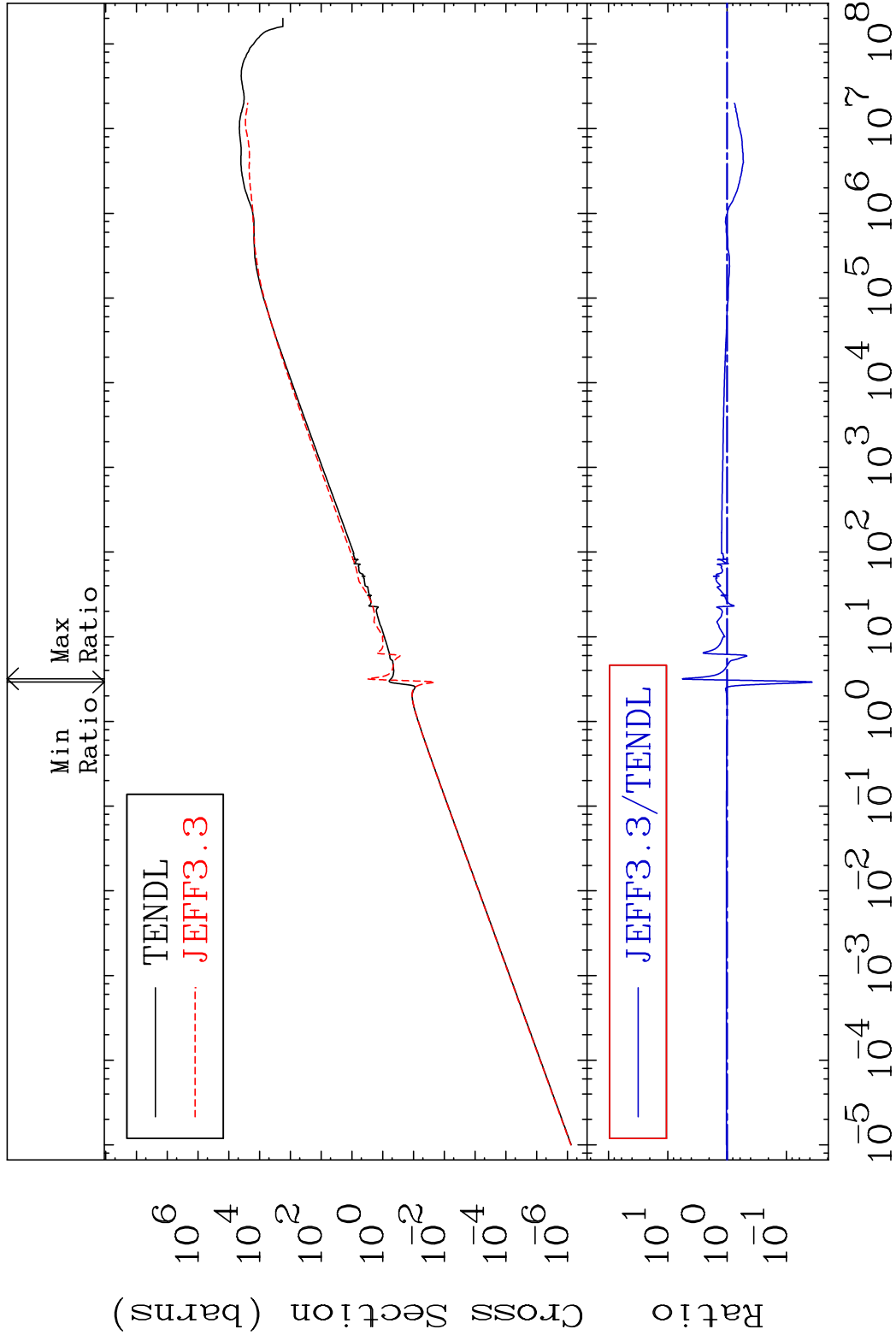
Kerma total (eV-barns) 94-Pu-236
Cross Section -89.48 To 9999. %



MAT 9428

Kerma elastic
Cross Section -96.40 To 465.7 %

94-Pu-236

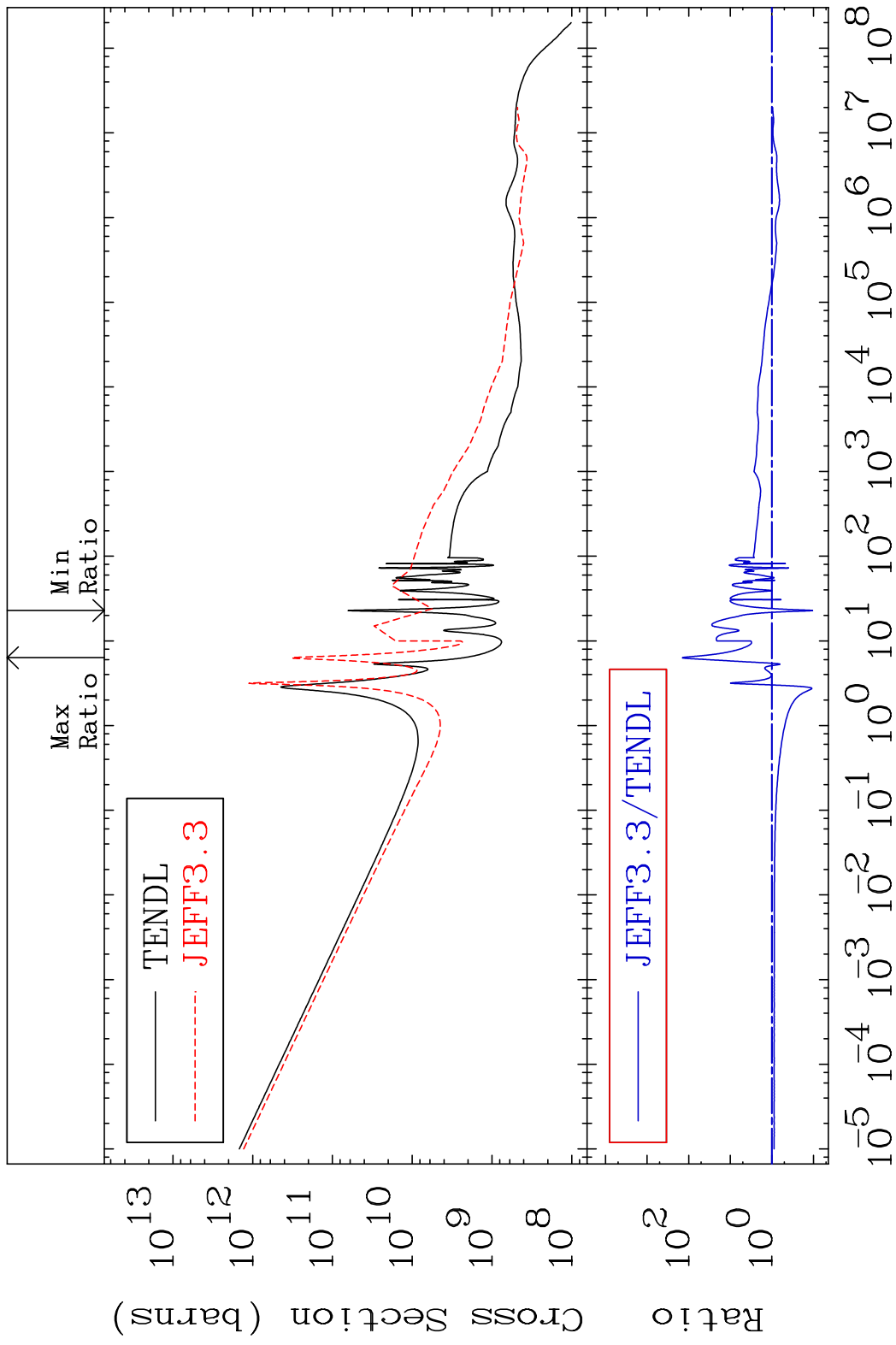


18

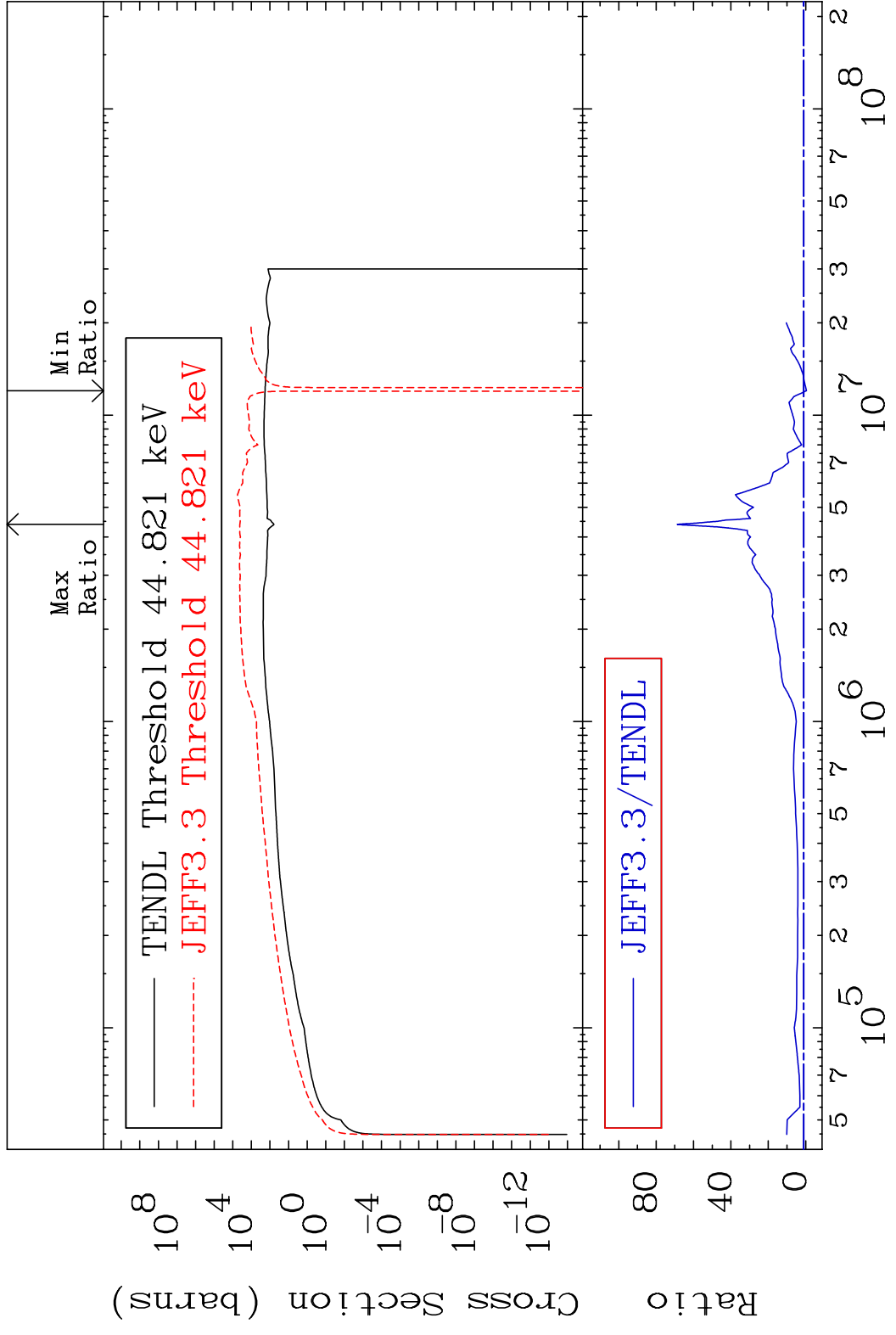
Incident Energy (eV)

94-Pu-236

MAT 9428 Kerma non-elastic (all but mt2) 94-Pu-236
 Cross Section -89.48 To 9999. %

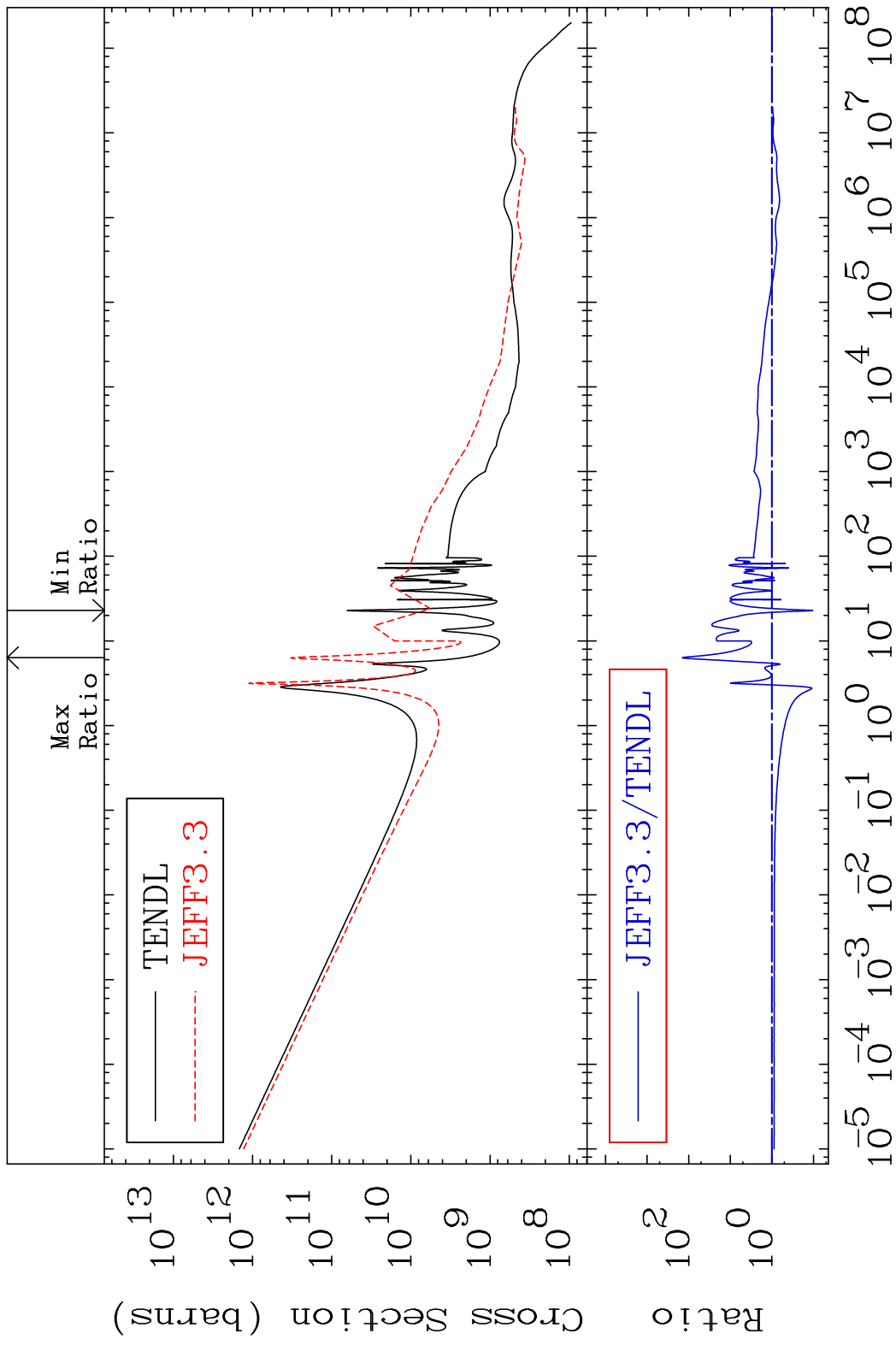


MAT 9428 Kerma inelastic (mt51-91) 94-Pu-236
 Cross Section -138.8 To 6774. %



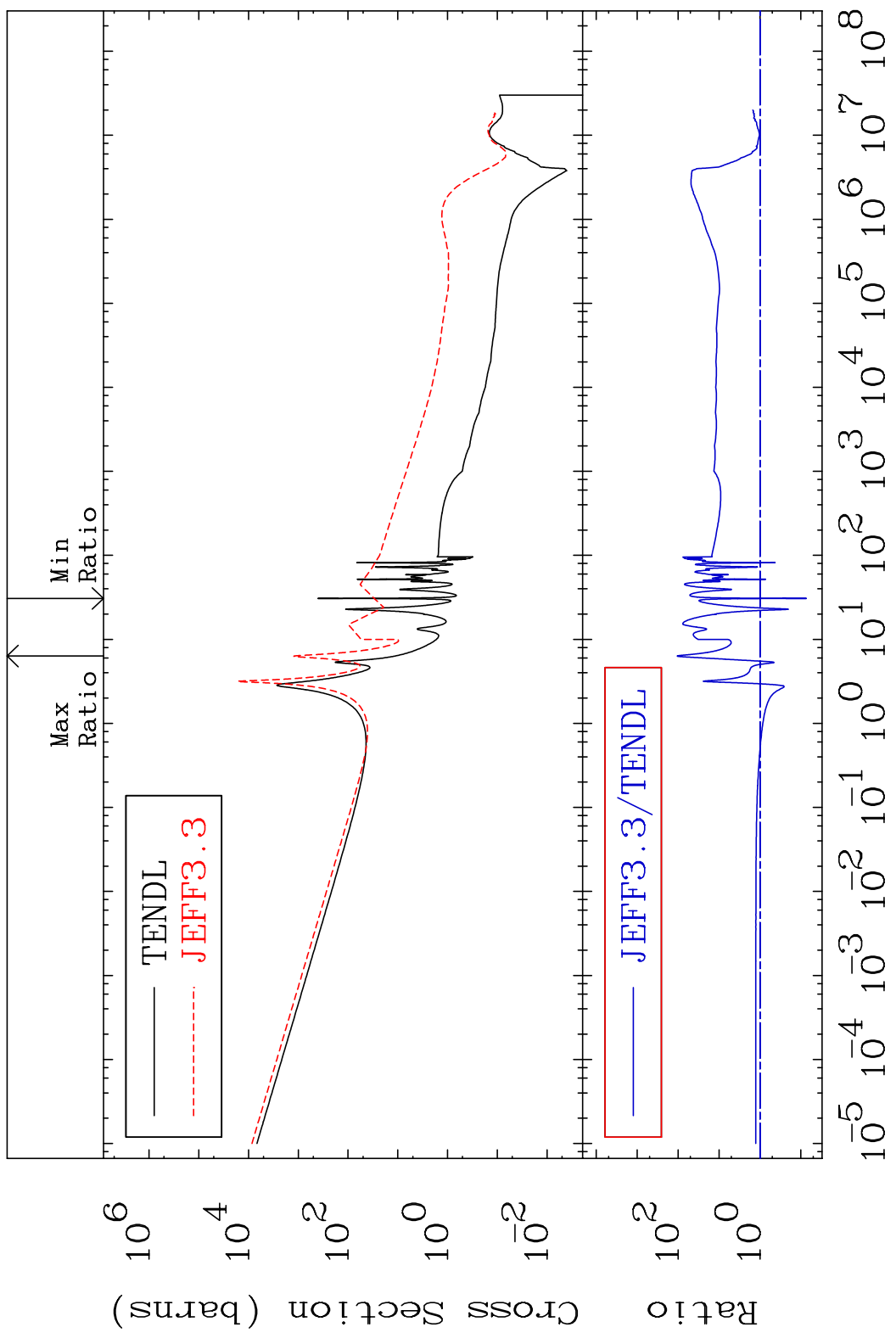
20 Incident Energy (eV) 94-Pu-236

MAT 9428 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-236
 Cross Section -89.48 To 9999. %

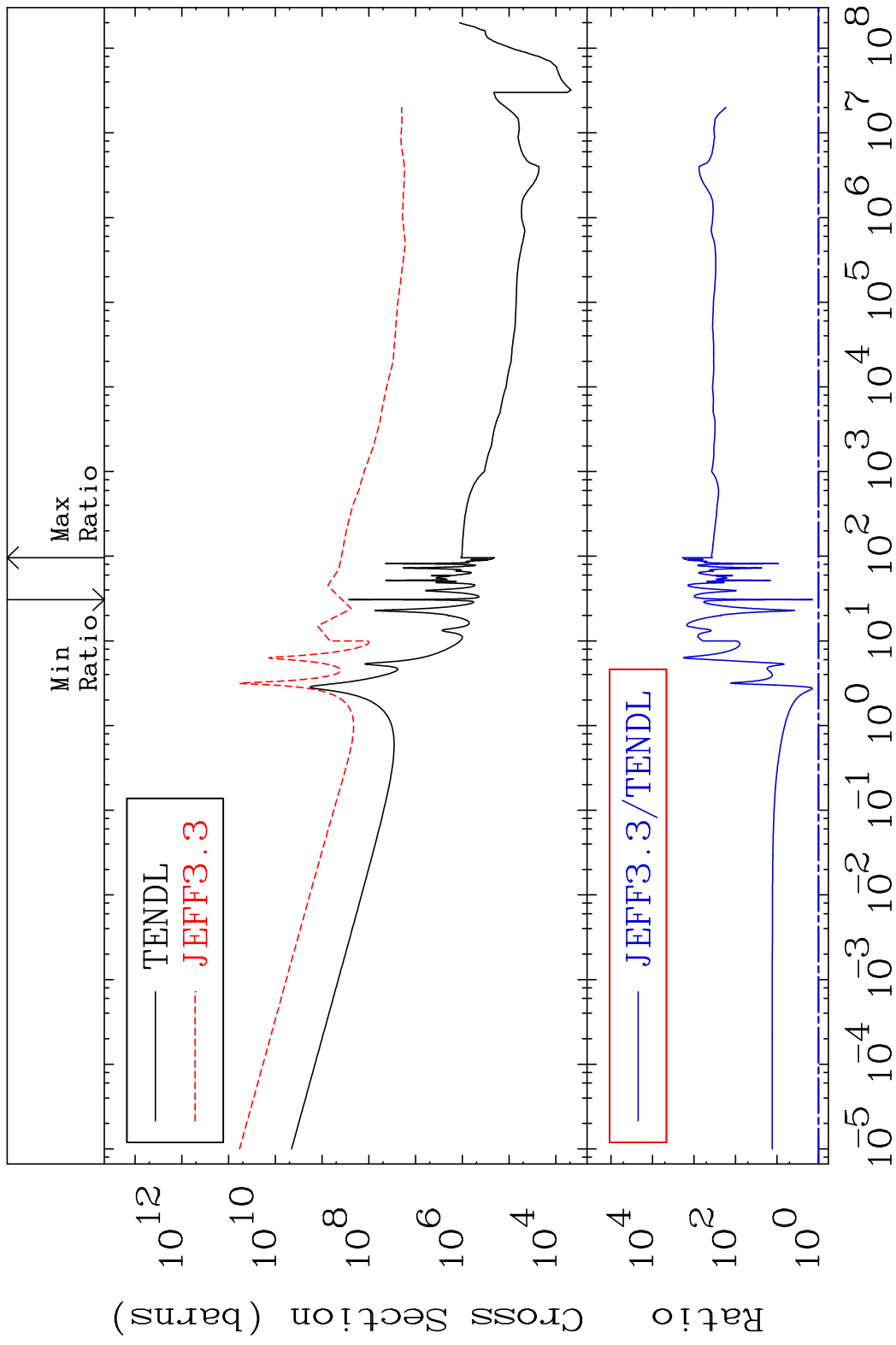


MAT 9428

Kerma capture (mt102) 94-Pu-236
Cross Section -92.66 To 9999. %

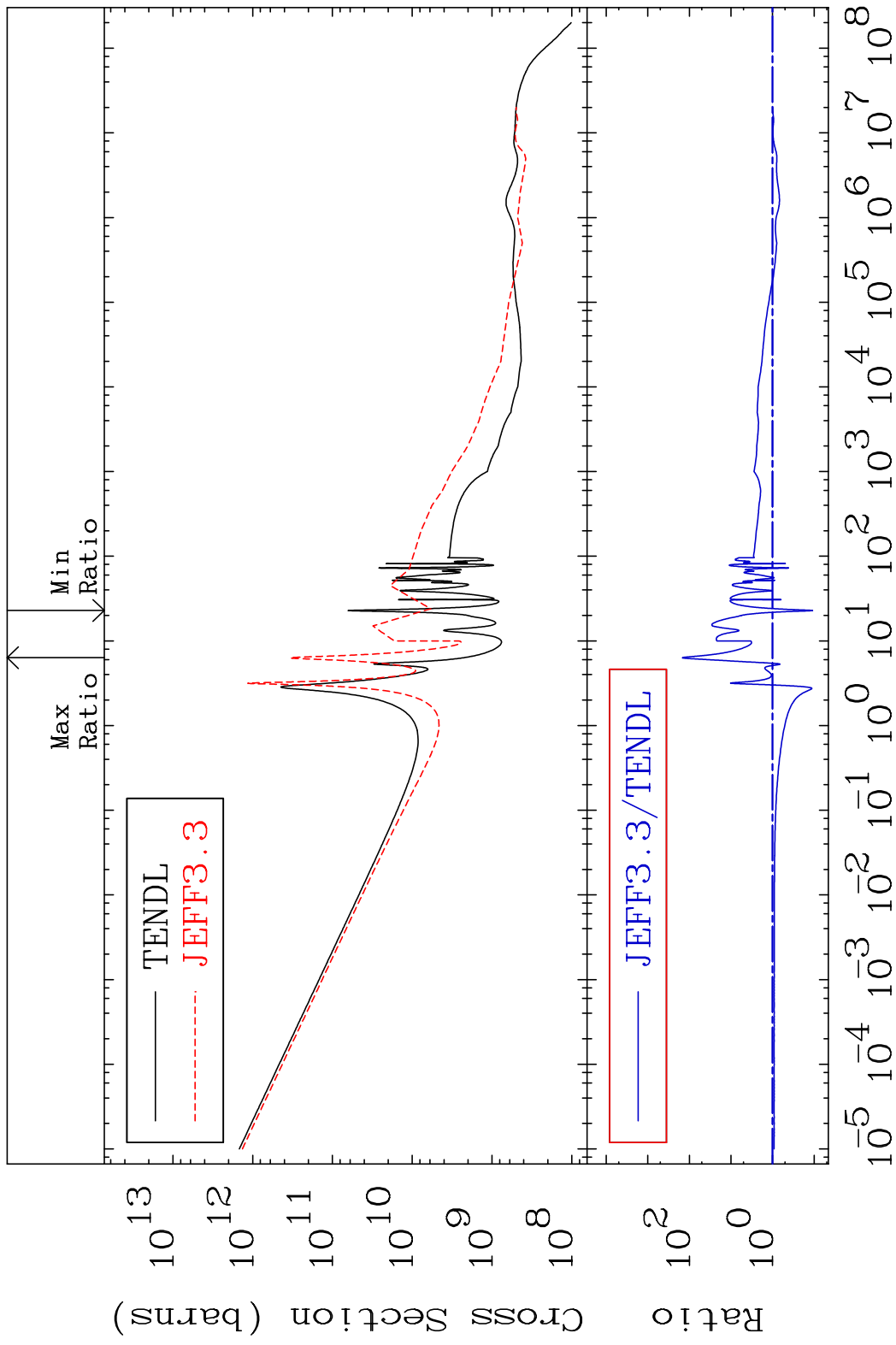


MAT 9428 Total photon (eV-barns) 94-Pu-236
 Cross Section 38.82 To 9999. %



23 Incident Energy (eV) 94-Pu-236

MAT 9428 Total kinematic kerma (high limit) 94-Pu-236
 Cross Section -89.07 To 9999. %

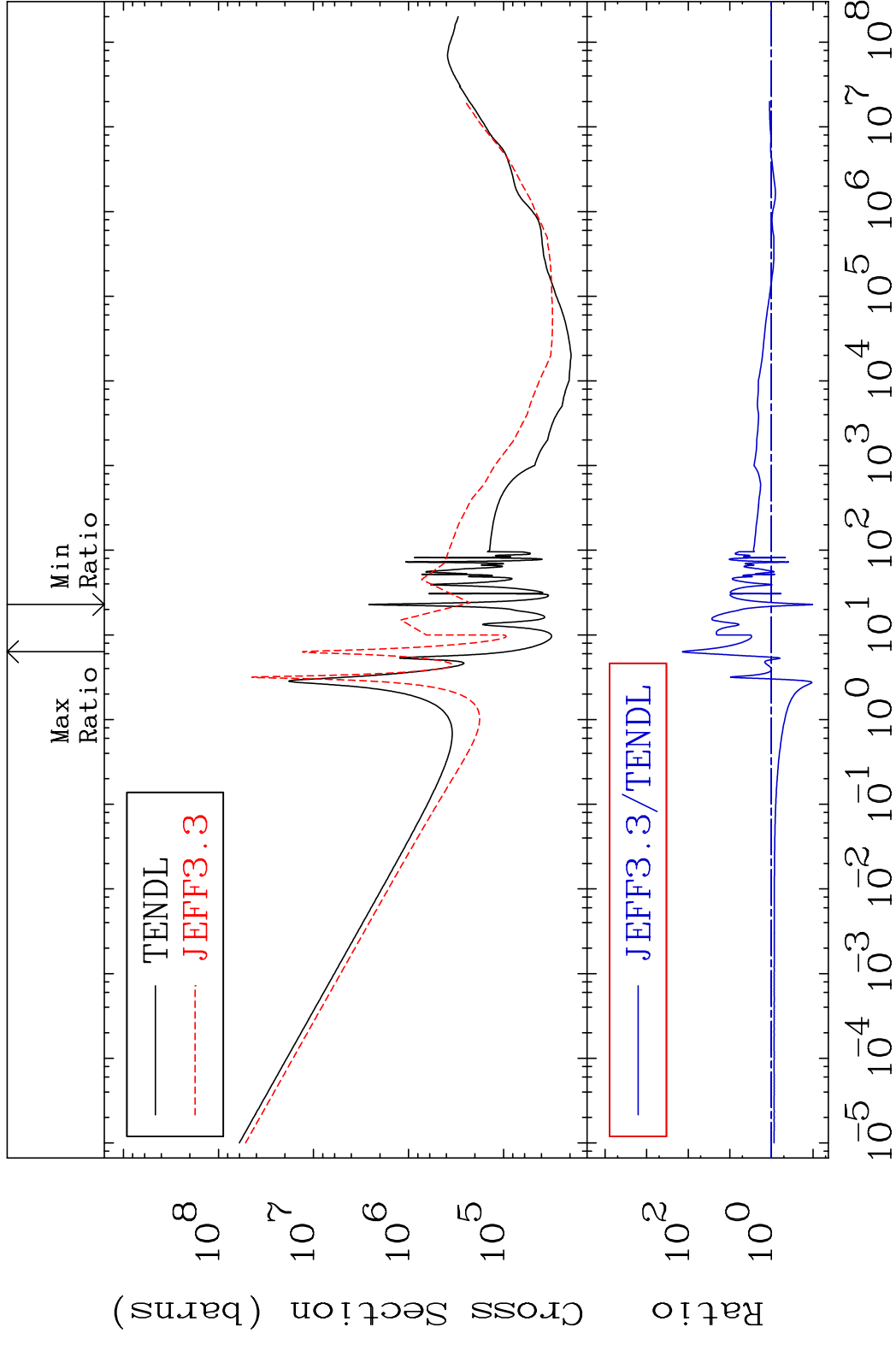


MAT 9428

Dpa total (eV-barns)

94-Pu-236

Cross Section -89.73 To 9999. %



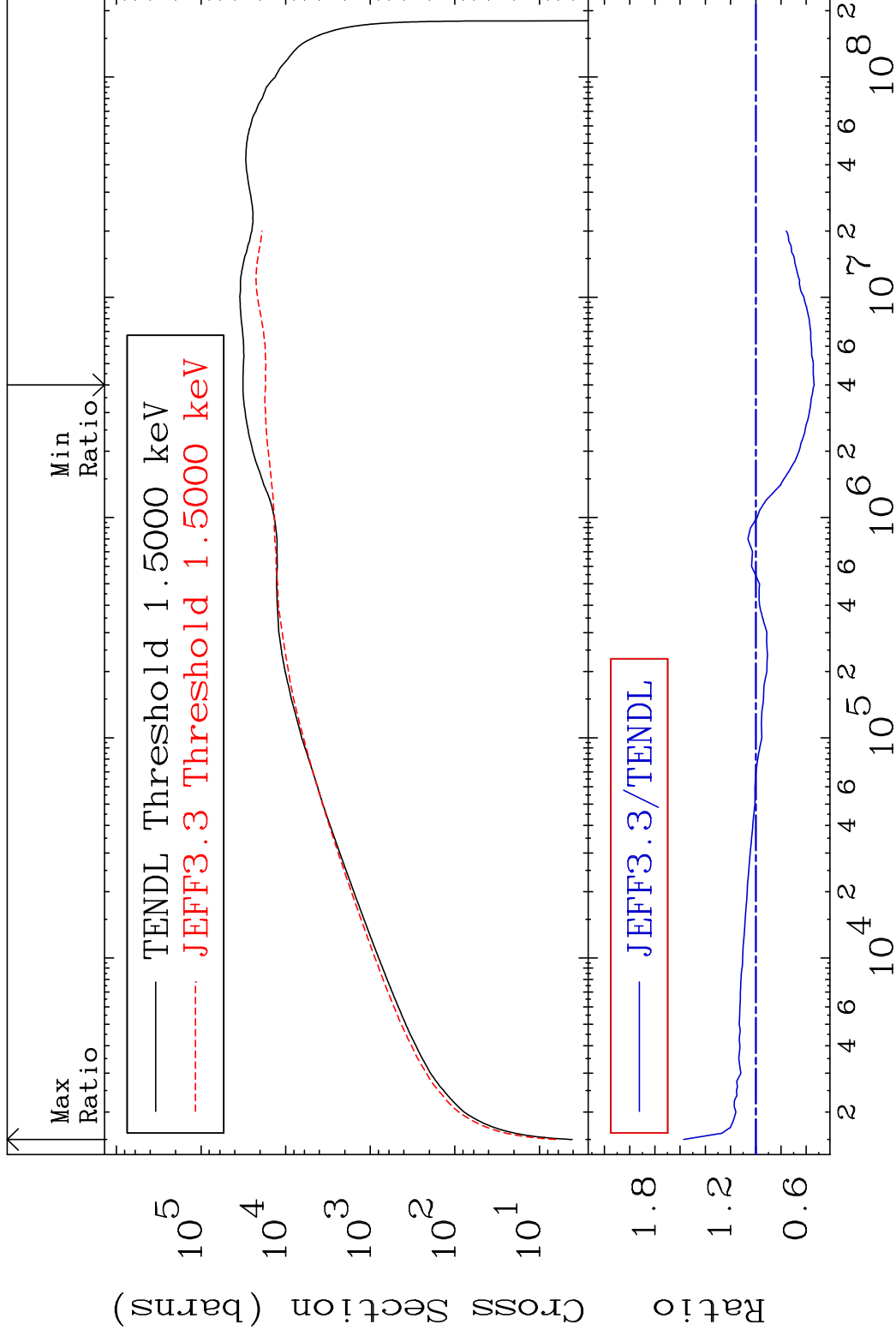
MAT 9428

Dpa elastic (mt2)

94-Pu-236

Cross Section

-46.25 To 57.21 %

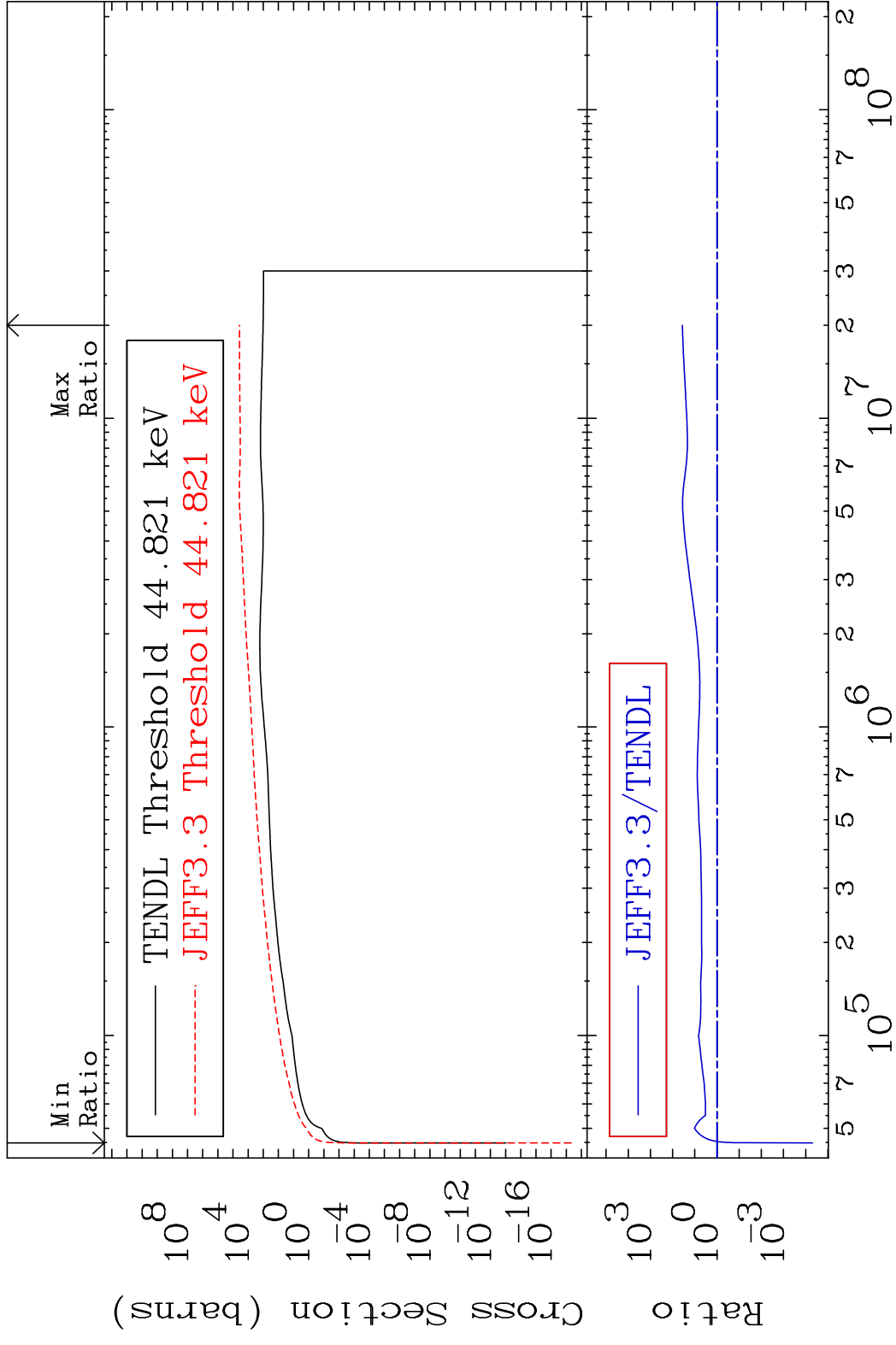


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Incident Energy (eV)

94-Pu-236

MAT 9428 Dpa inelastic (mt51-91) 94-Pu-236
 Cross Section -100.0 To 3532. %



MAT 9428 Dpa disappearance (mt102 -120) 94-Pu-236
 Cross Section -100.0 To 7612. %

