

Program Complot
(Version 2018-1)

by

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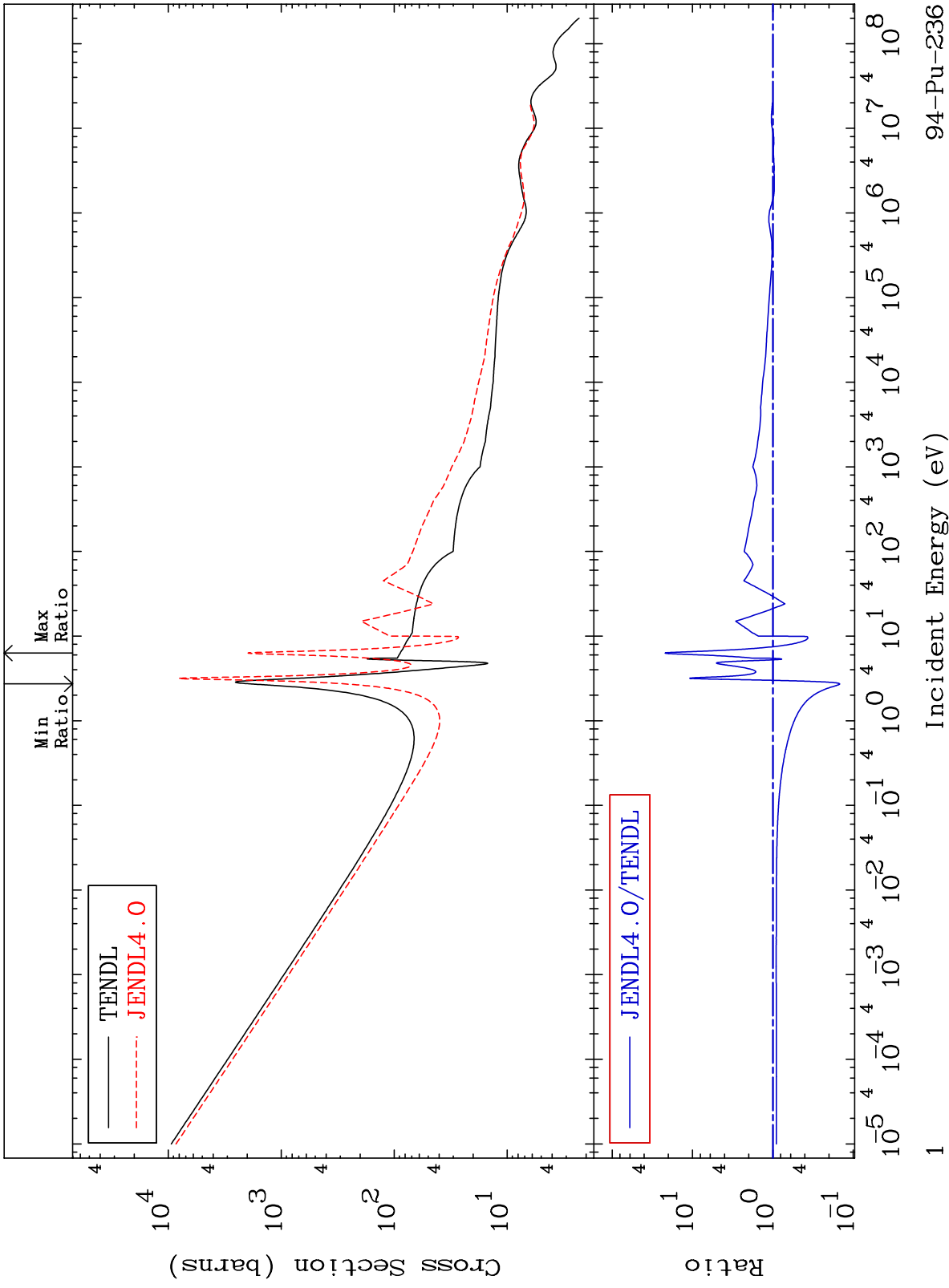
Press Mouse Button to Start

MAT 9428

94-Pu-236

-85.28 To 2117. %

Total
Cross Section



94-Pu-236

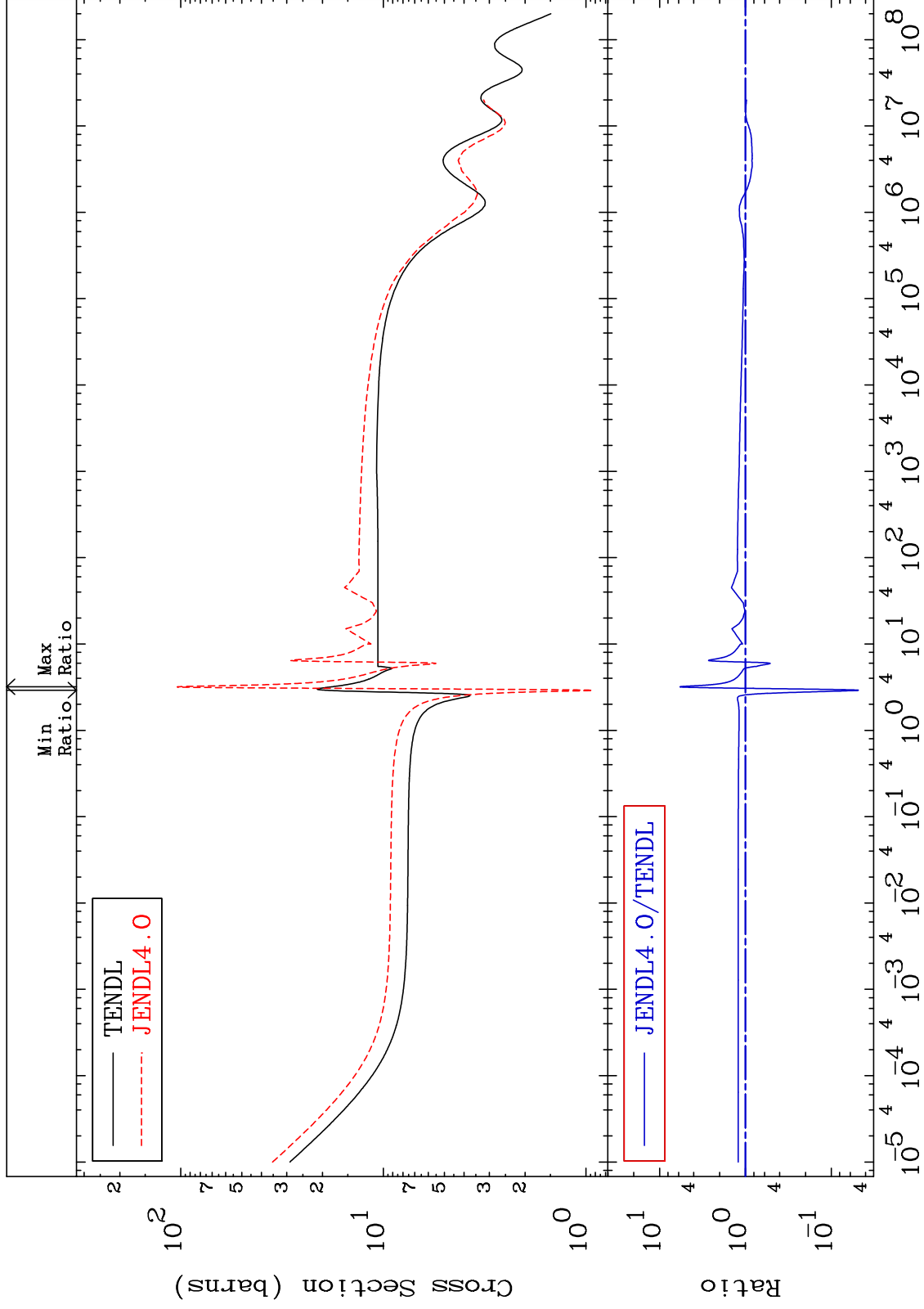
MAT 9428

Elastic

94-Pu-236

Cross Section

-95.16 To 478.4 %



Incident Energy (eV)

94-Pu-236

2

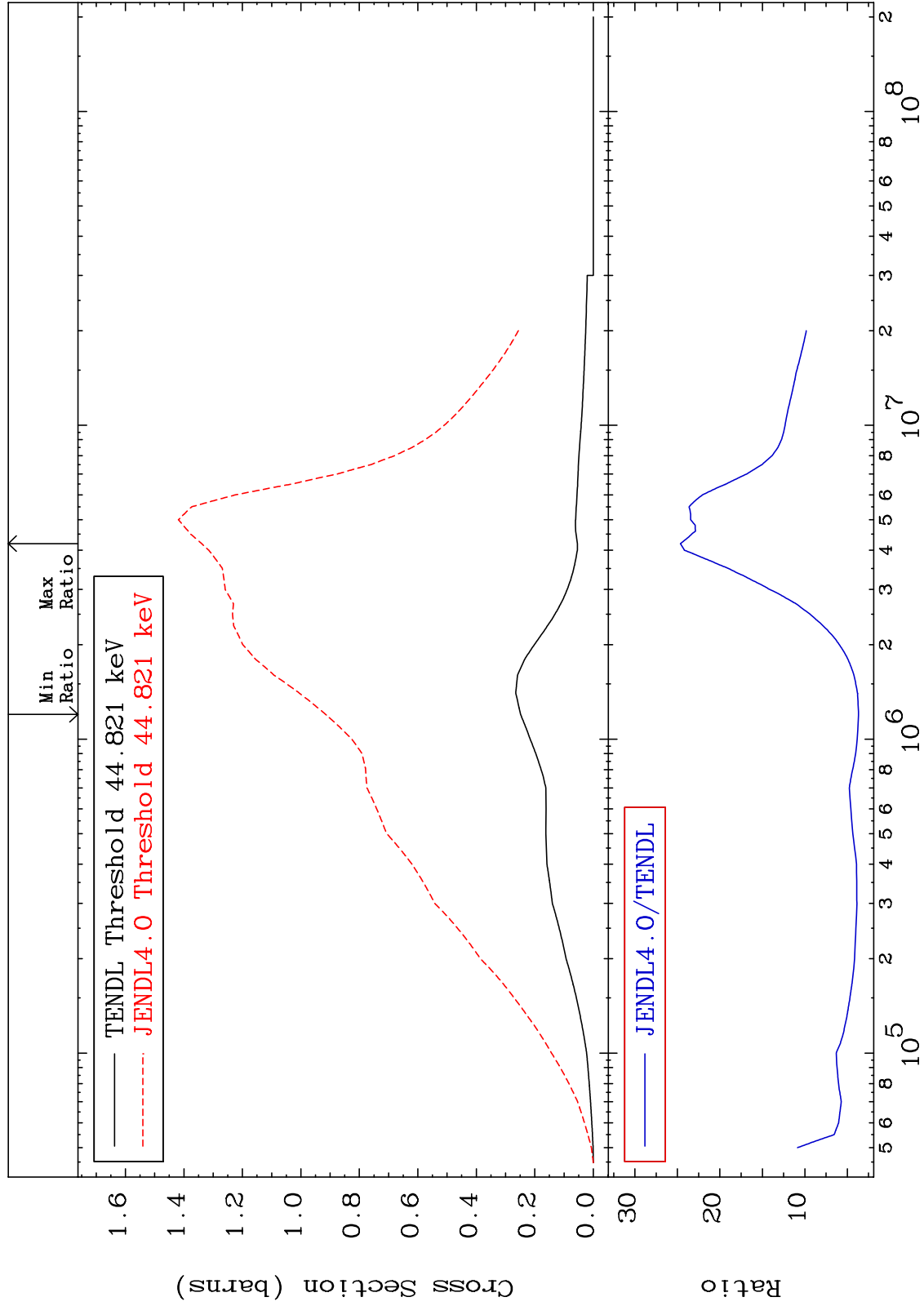
MAT 9428

Inelastic

94-Pu-236

267.9 To 2364. %

Cross Section



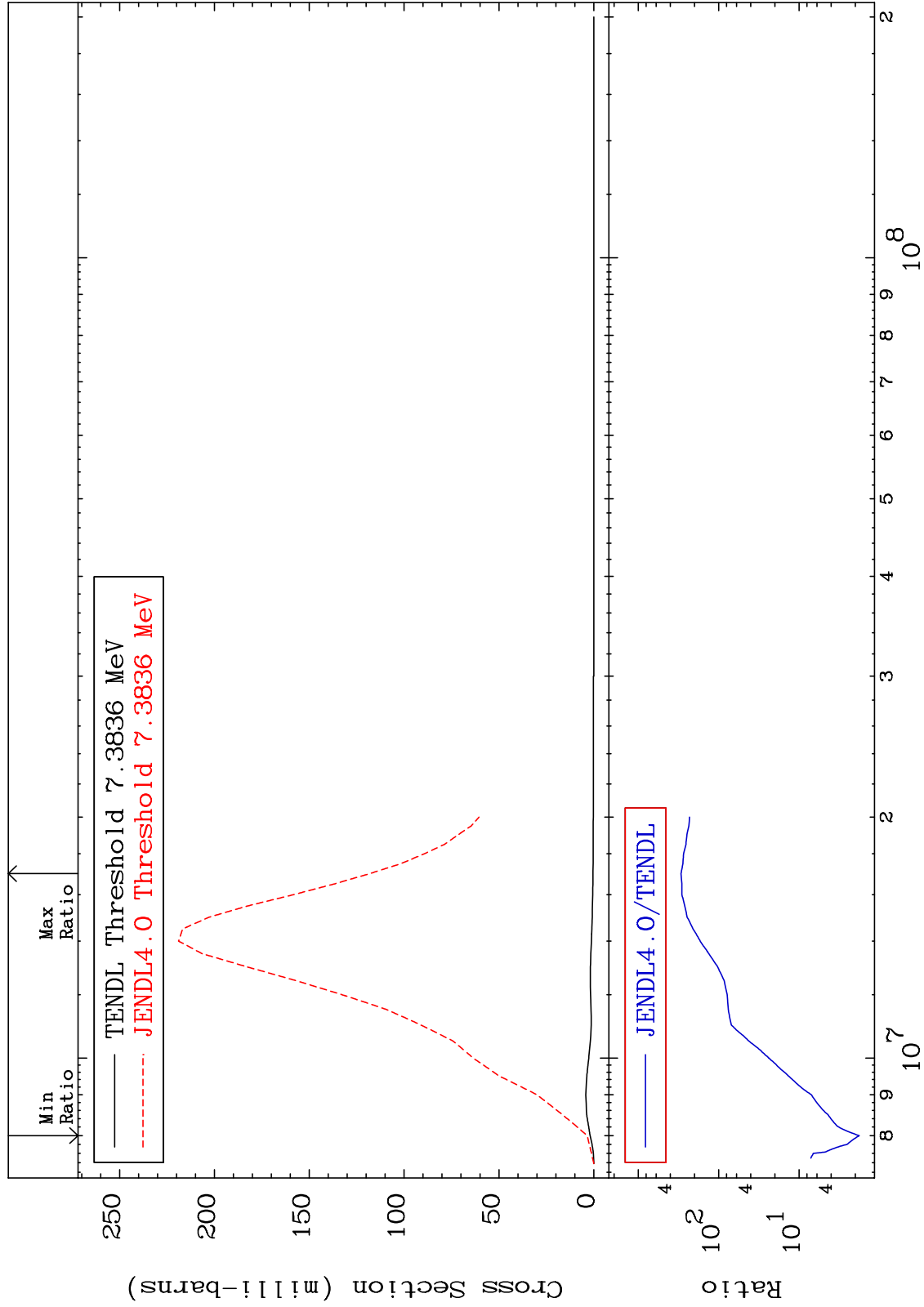
MAT 9428

(n,2n)

94-Pu-236

Cross Section

78.75 To 9999. %



4

Incident Energy (eV)

94-Pu-236

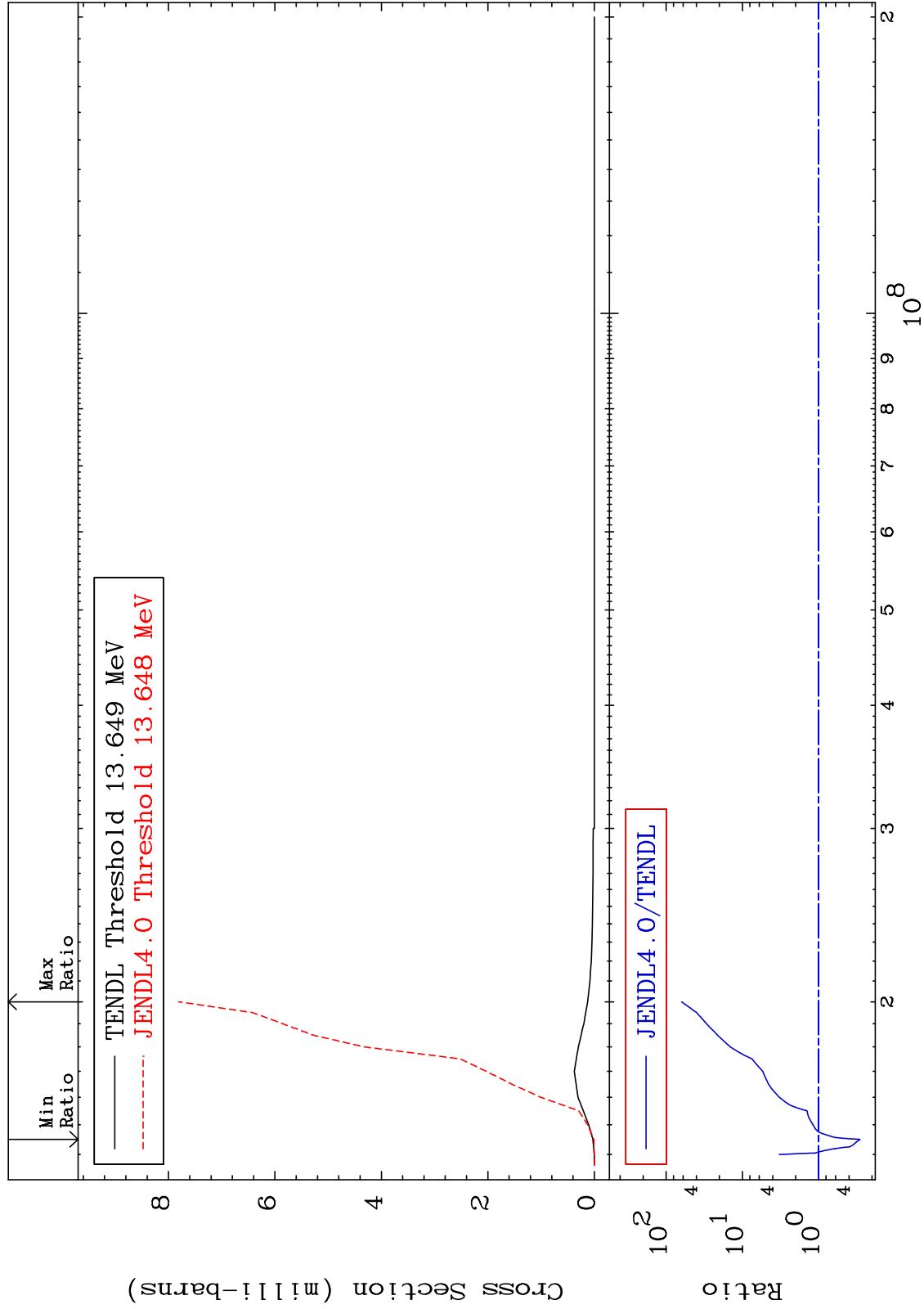
MAT 9428

(n, 3n)

94-Pu-236

Cross Section

-71.33 To 6152. %



94-Pu-236

5

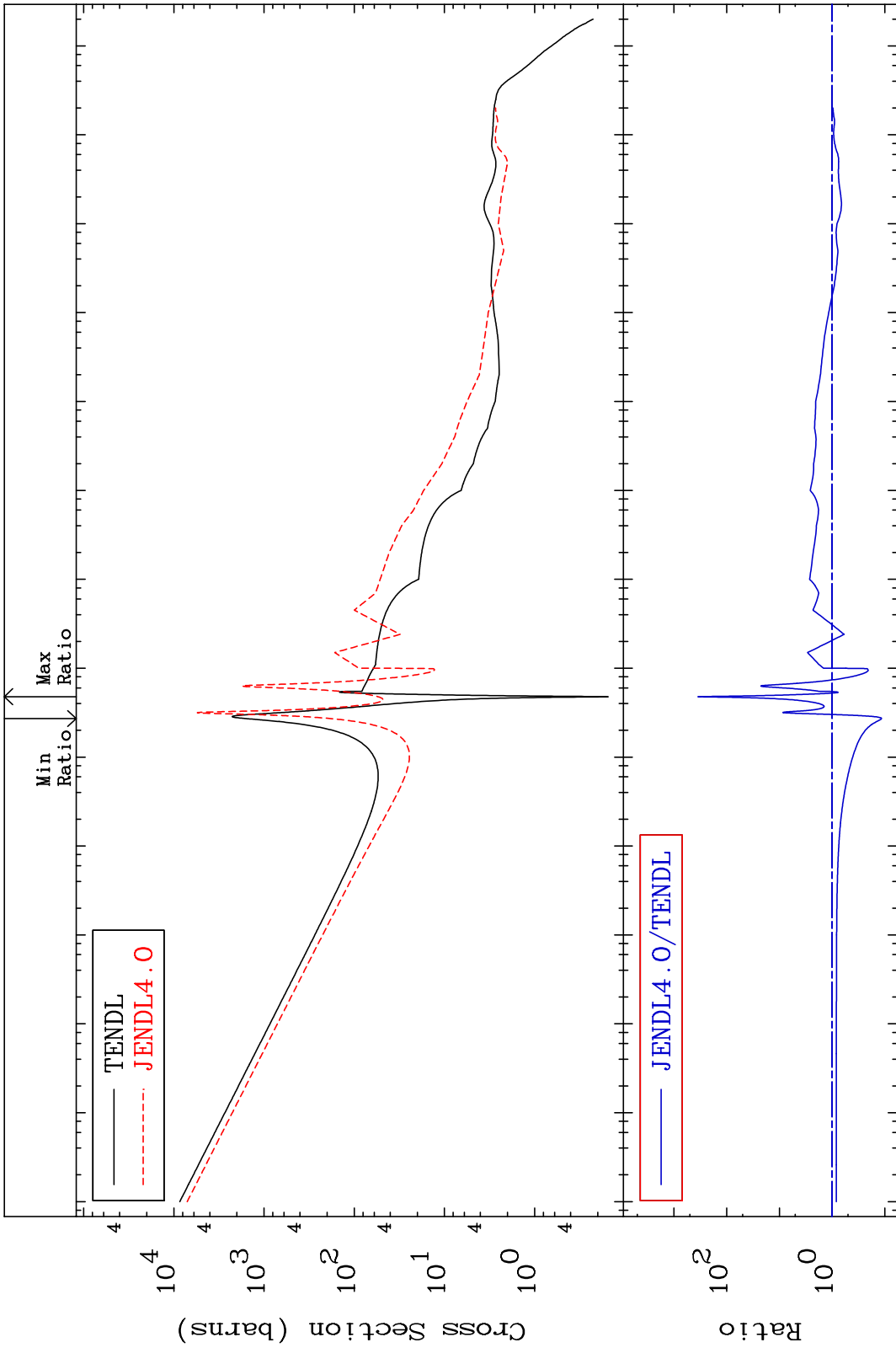
MAT 9428

Fission

94-Pu-236

-88.49 To 9999. %

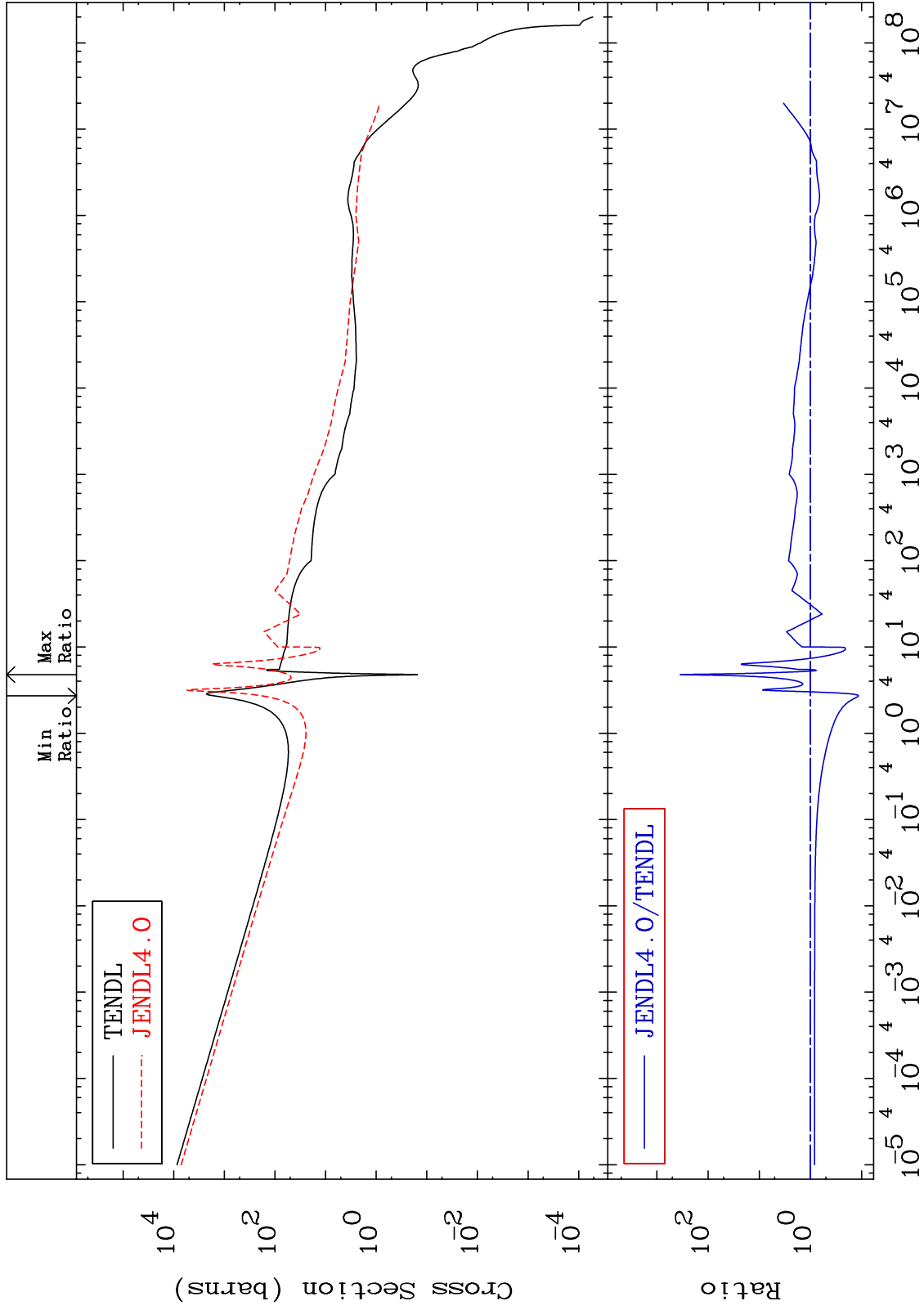
Cross Section



MAT 9428

(n,f) First Chance
Cross Section

94-Pu-236
-88.49 To 9999. %



7

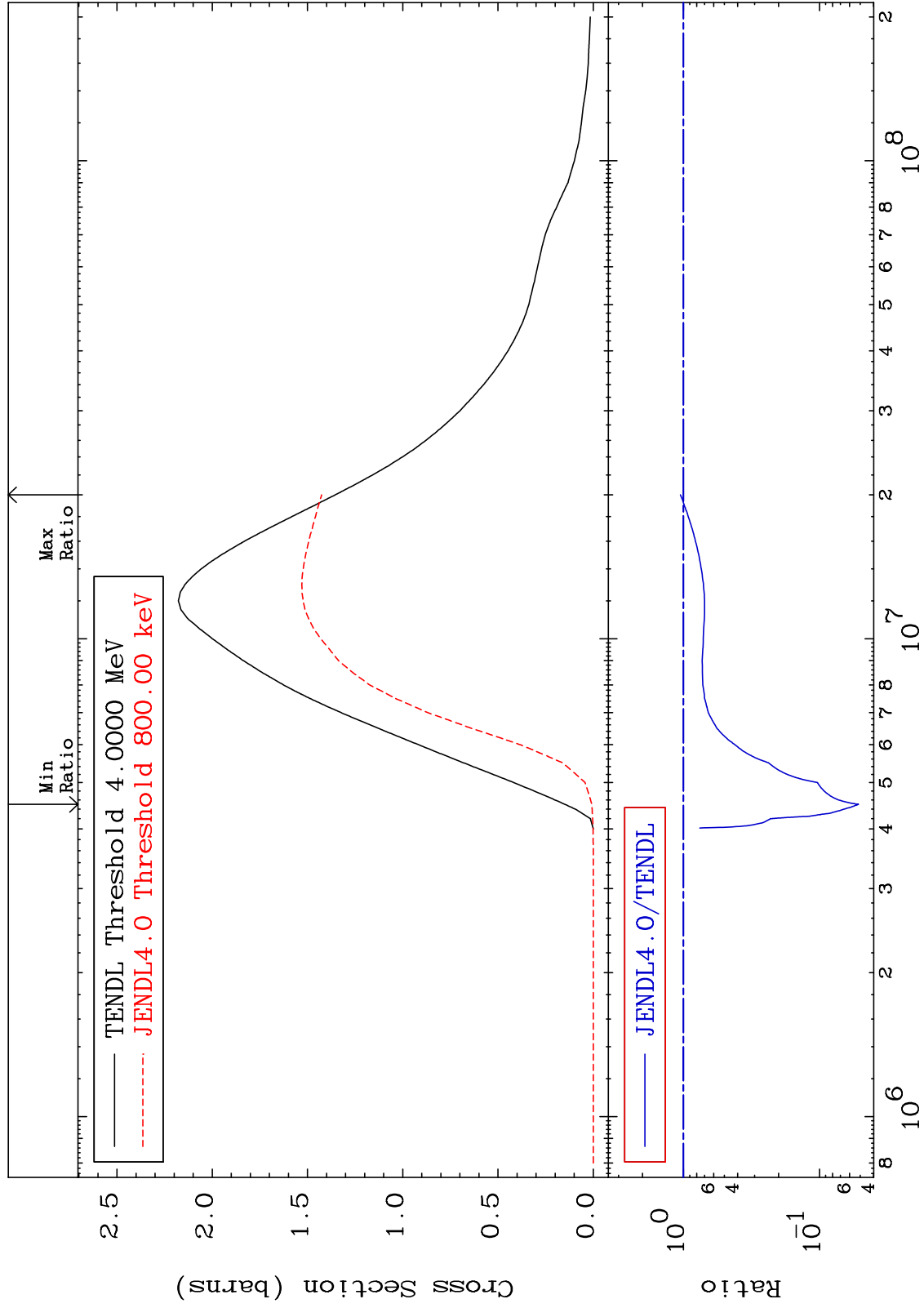
Incident Energy (eV)

94-Pu-236

MAT 9428

(n, nf) Second Chance
Cross Section

94-Pu-236
-94.85 To 5.309 %

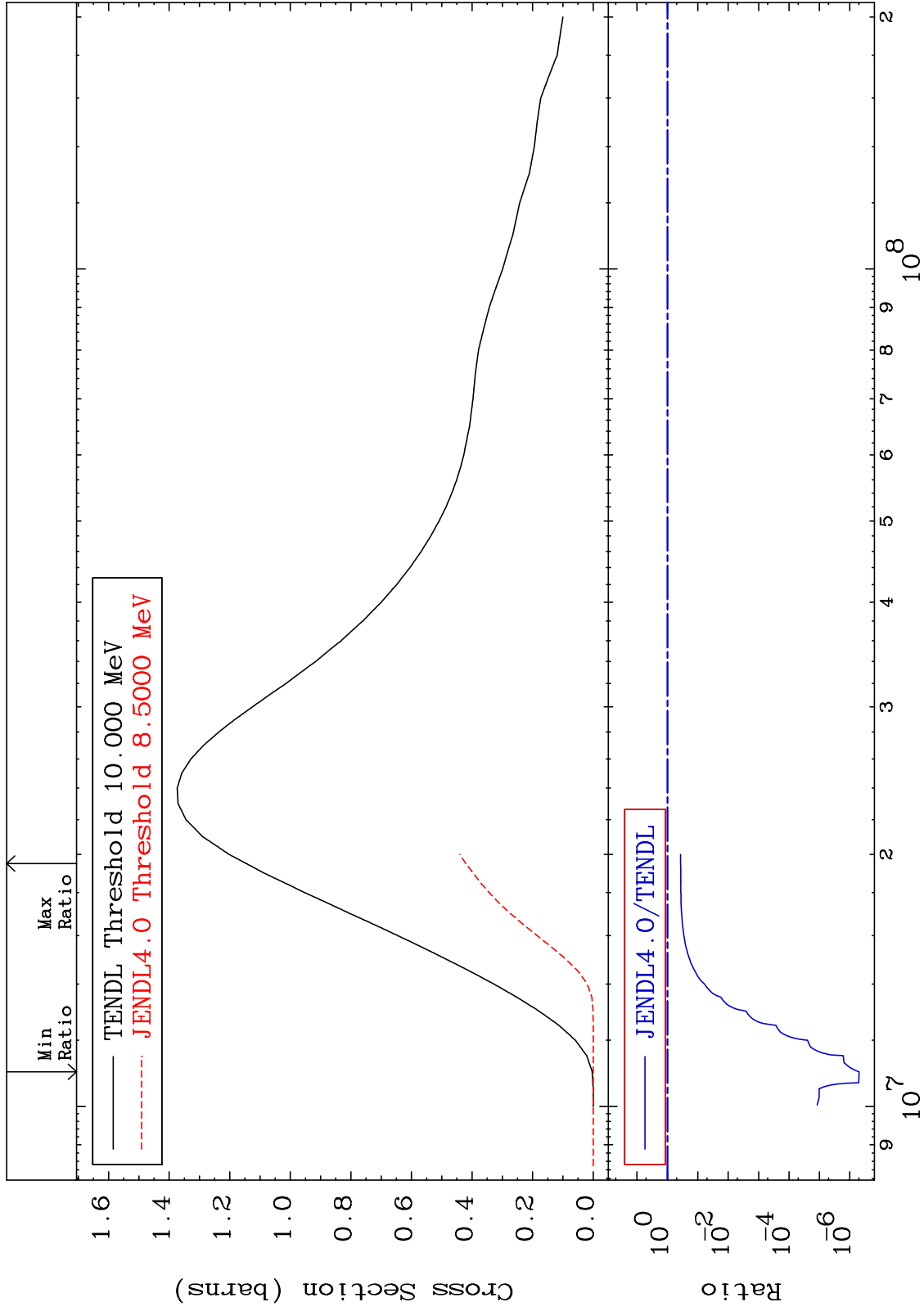


8 94-Pu-236

MAT 9428

(n,2nf) Third Chance
Cross Section

94-Pu-236
-100.0 To -63.27%



9

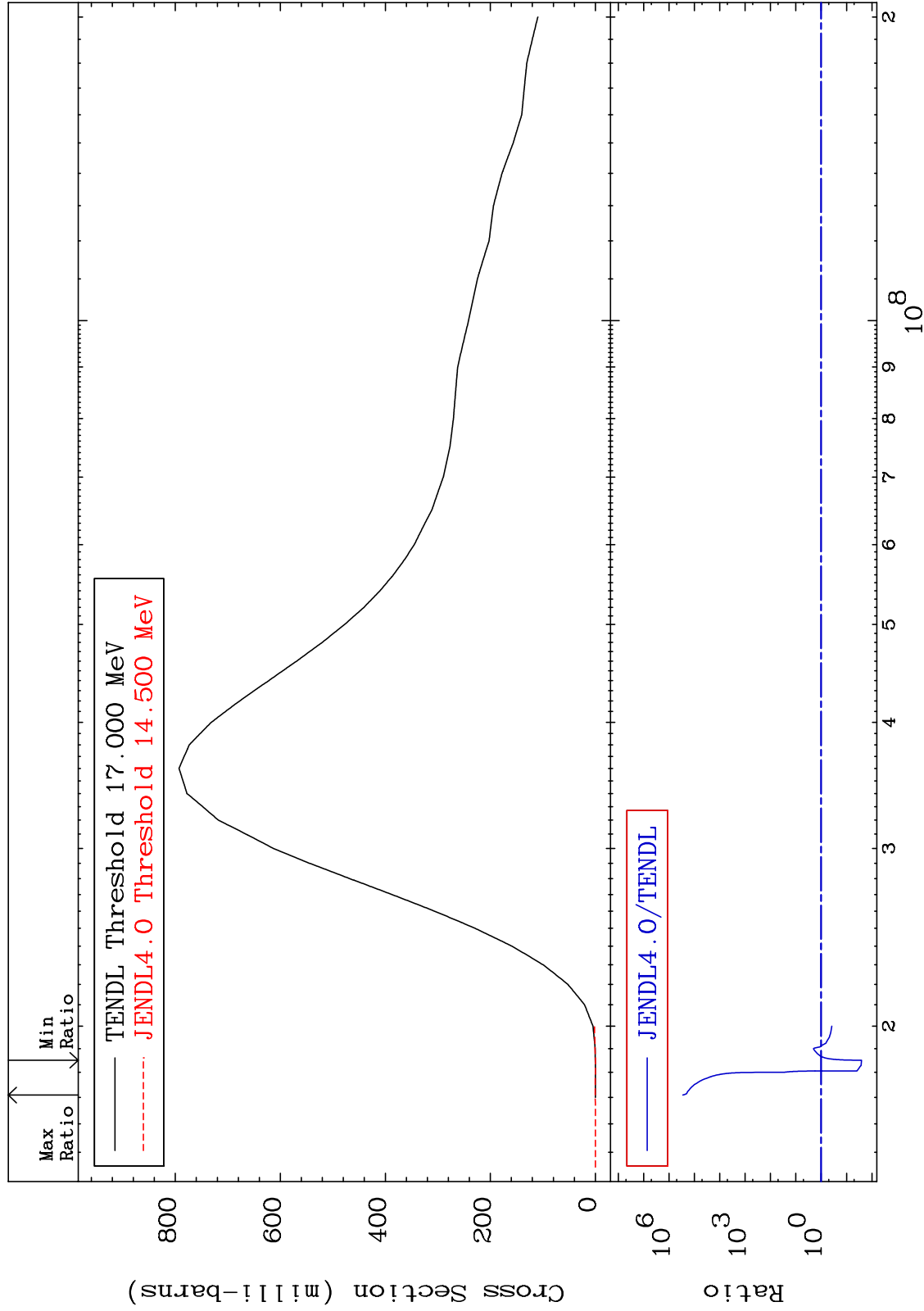
Incident Energy (eV)

94-Pu-236

MAT 9428

(n,3nf) Fourth Chance
Cross Section

94-Pu-236
-97.44 To 9999. %

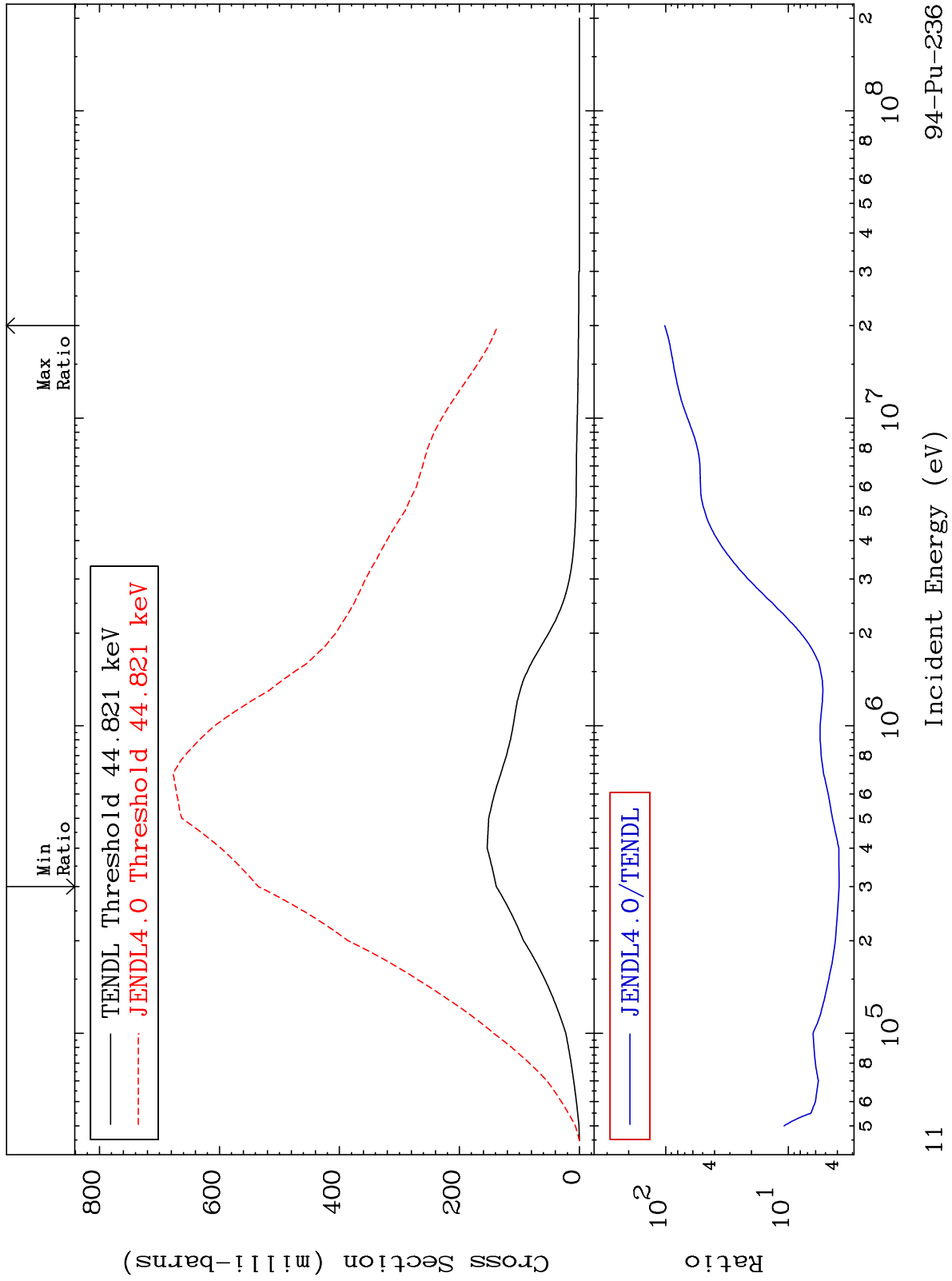


10

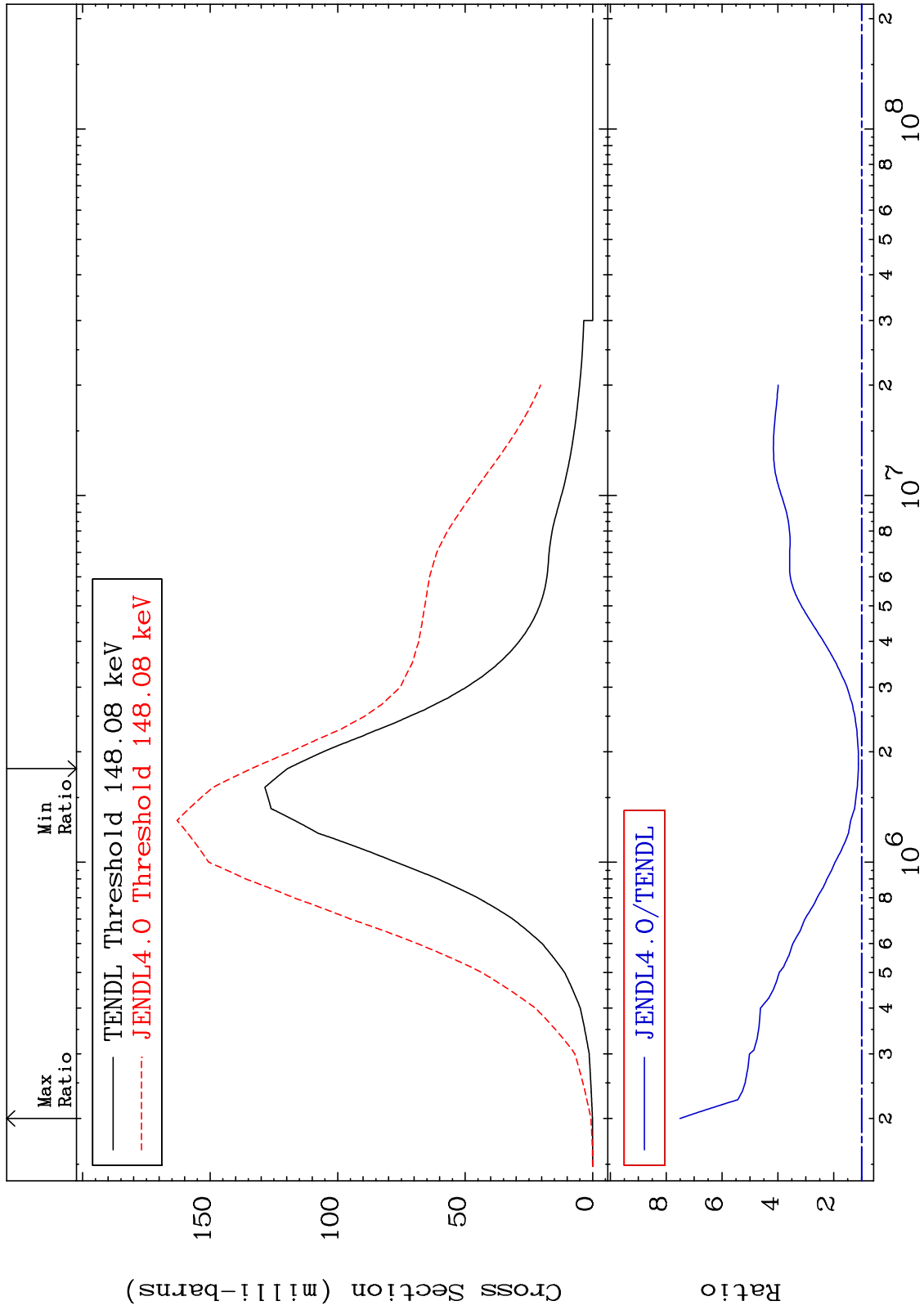
Incident Energy (eV)

94-Pu-236

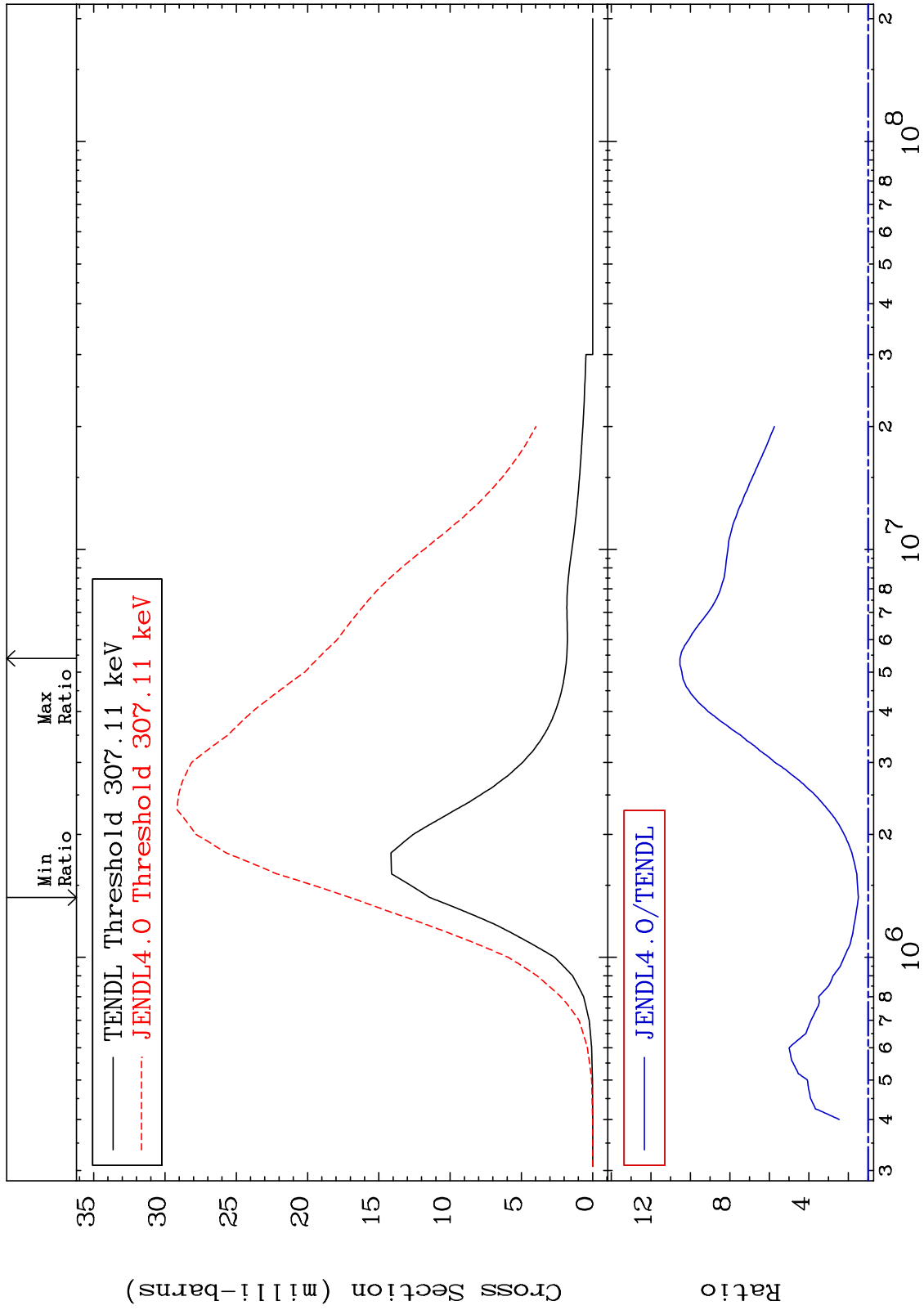
MAT 9428 MT= 51 (n,n') Level Cross Section 94-Pu-236 286.3 To 9999. %



MAT 9428 MT= 52 (n,n') Level Cross Section 94-Pu-236 To 650.5 %
 11.76



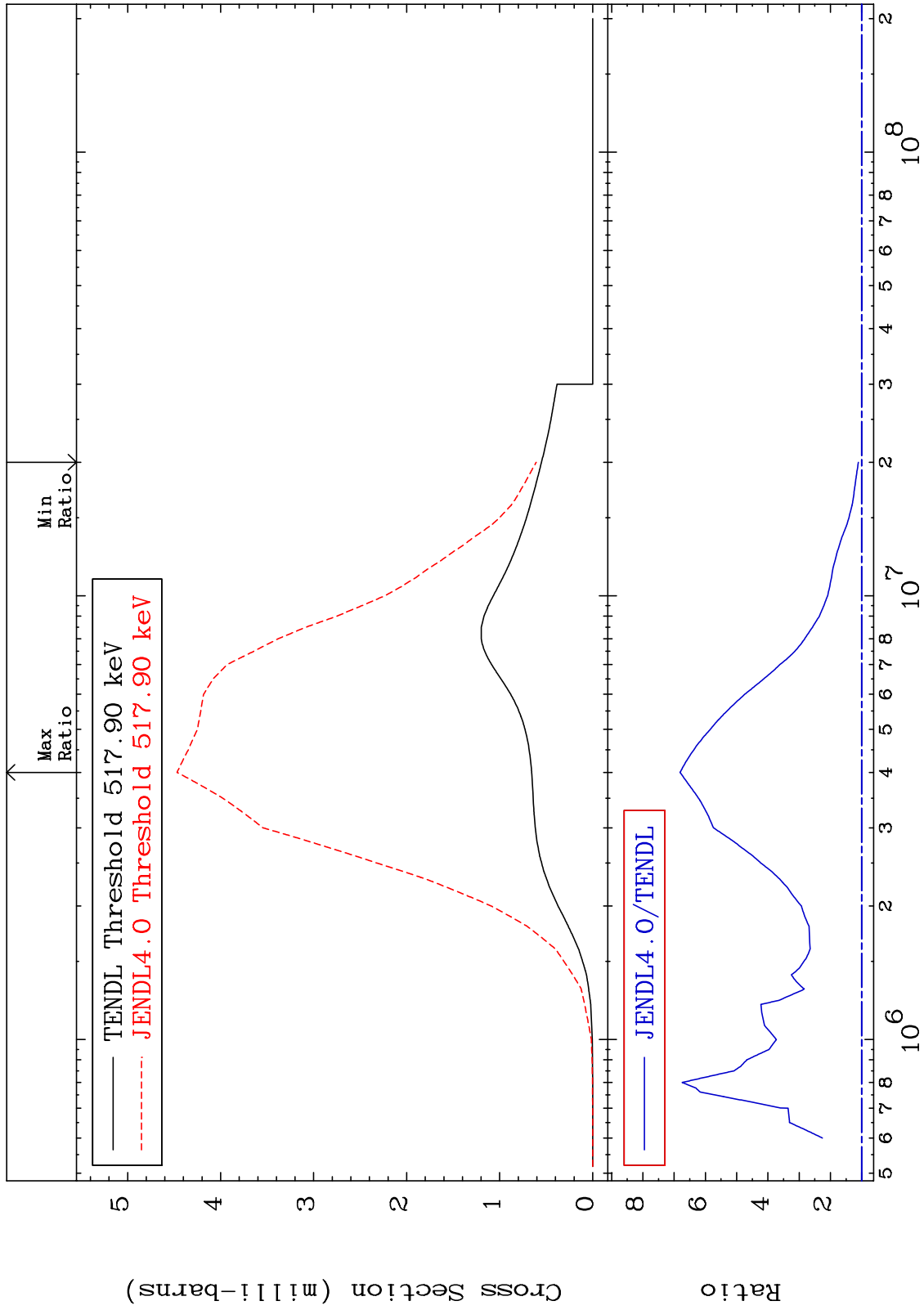
MAT 9428 MT= 53 (n,n') Level Cross Section 94-Pu-236 48.92 To 952.2 %



MAT 9428

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

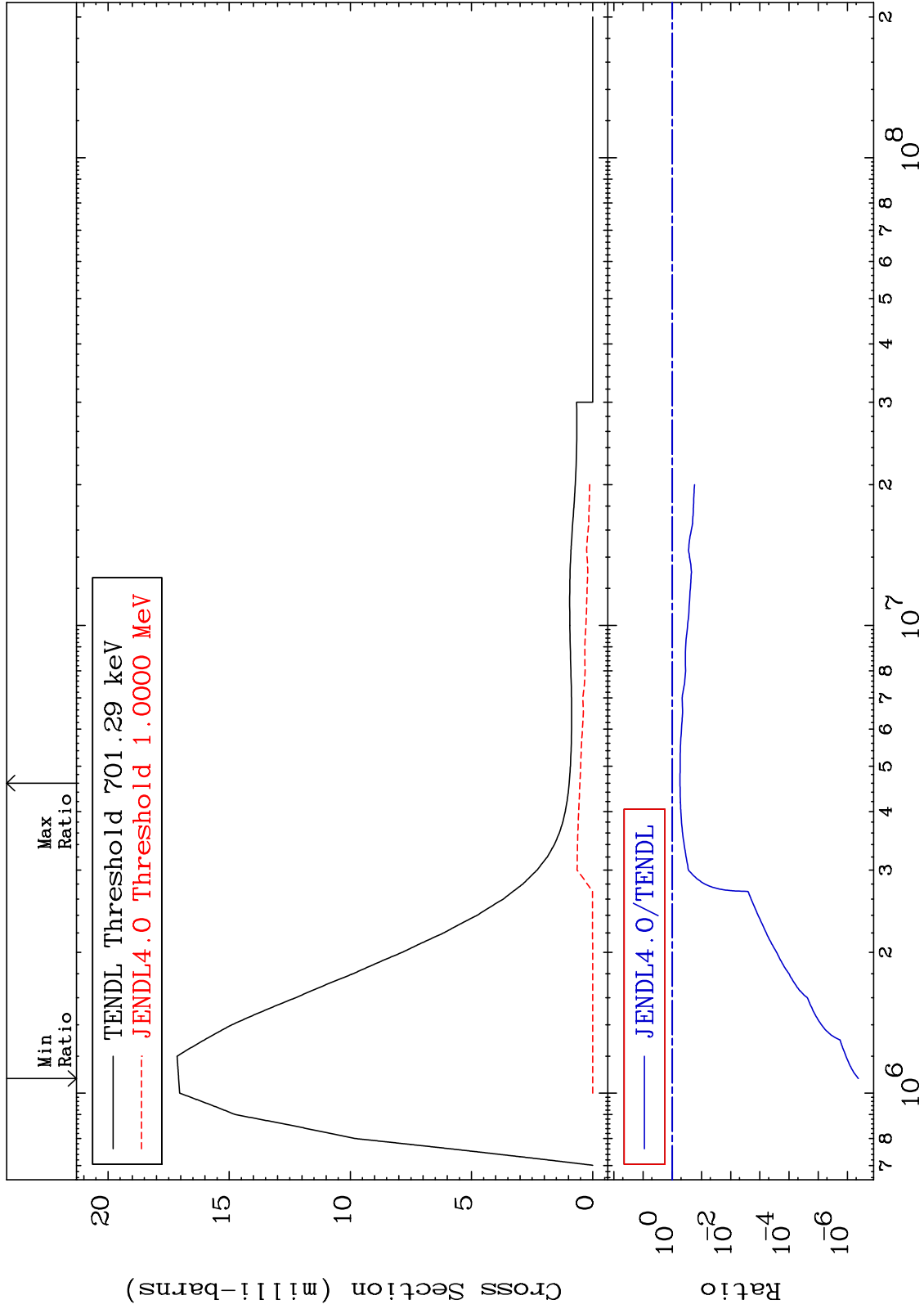
94-Pu-236
10.47 To 581.1 %



MAT 9428

MT= 55 (n,n') Level
Cross Section

94-Pu-236
-100.0 To -45.61%



15

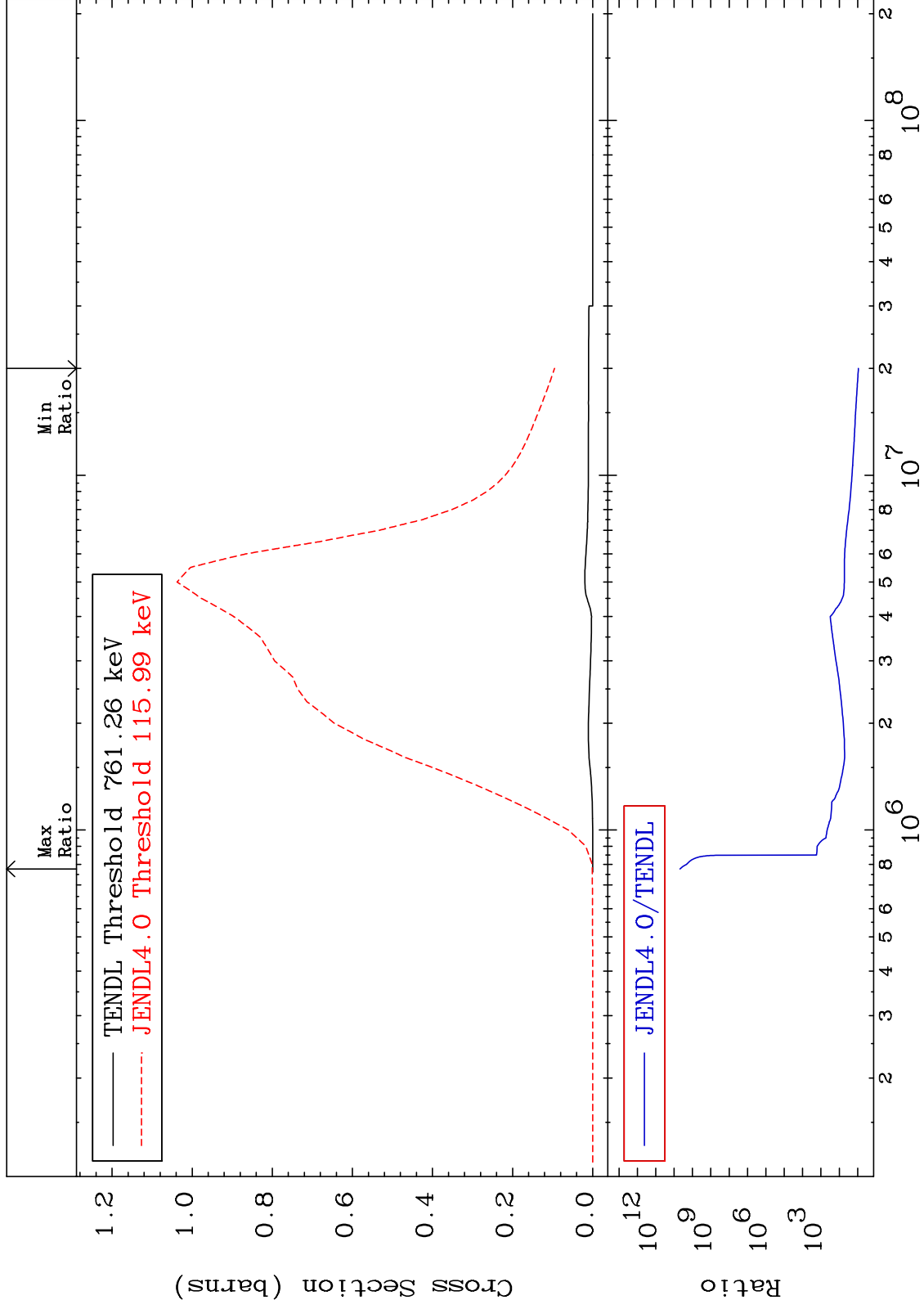
Incident Energy (eV)

94-Pu-236

MAT 9428

(n, n') Continuum
Cross Section

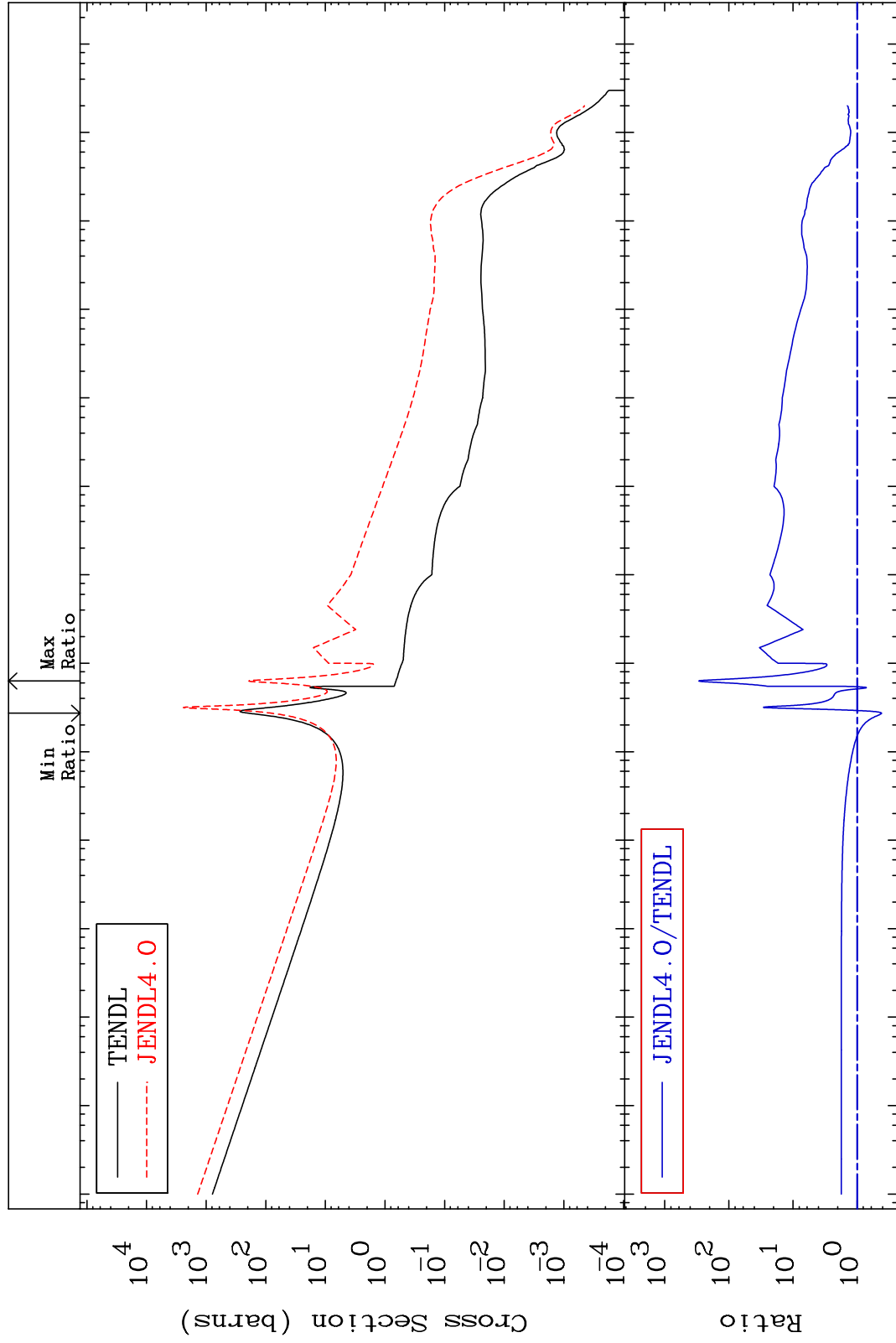
94-Pu-236
810.9 To 9999. %



MAT 9428

(n, γ)
Cross Section

94-Pu-236
-58.48 To 9999. %



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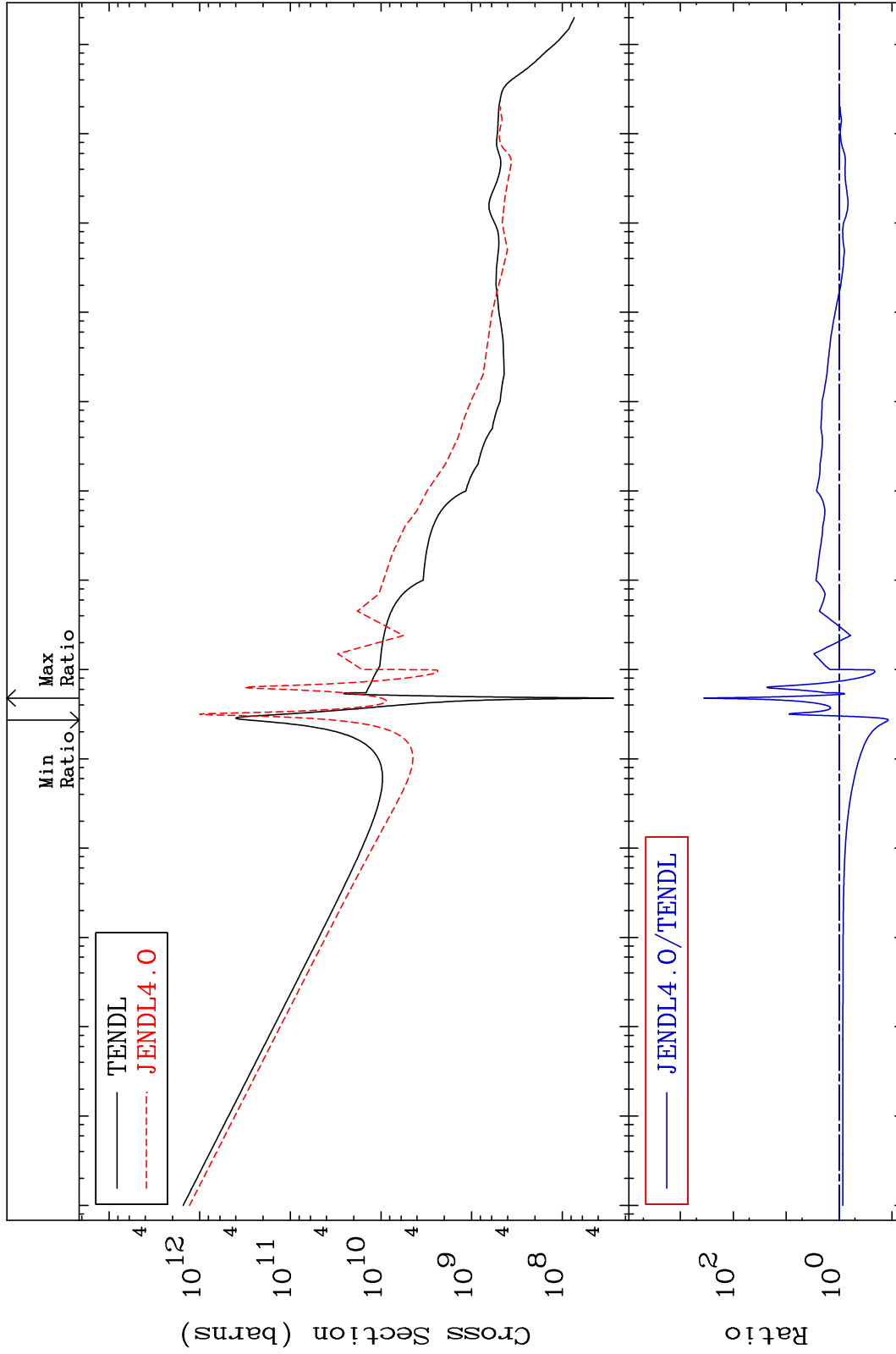
Incident Energy (eV)

94-Pu-236

MAT 9428

Kerma total (eV-barns)
Cross Section

94-Pu-236
-88.18 To 9999. %



10¹²
10¹¹
10¹⁰
10⁹
10⁸
10²
10⁰
10⁻⁵

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

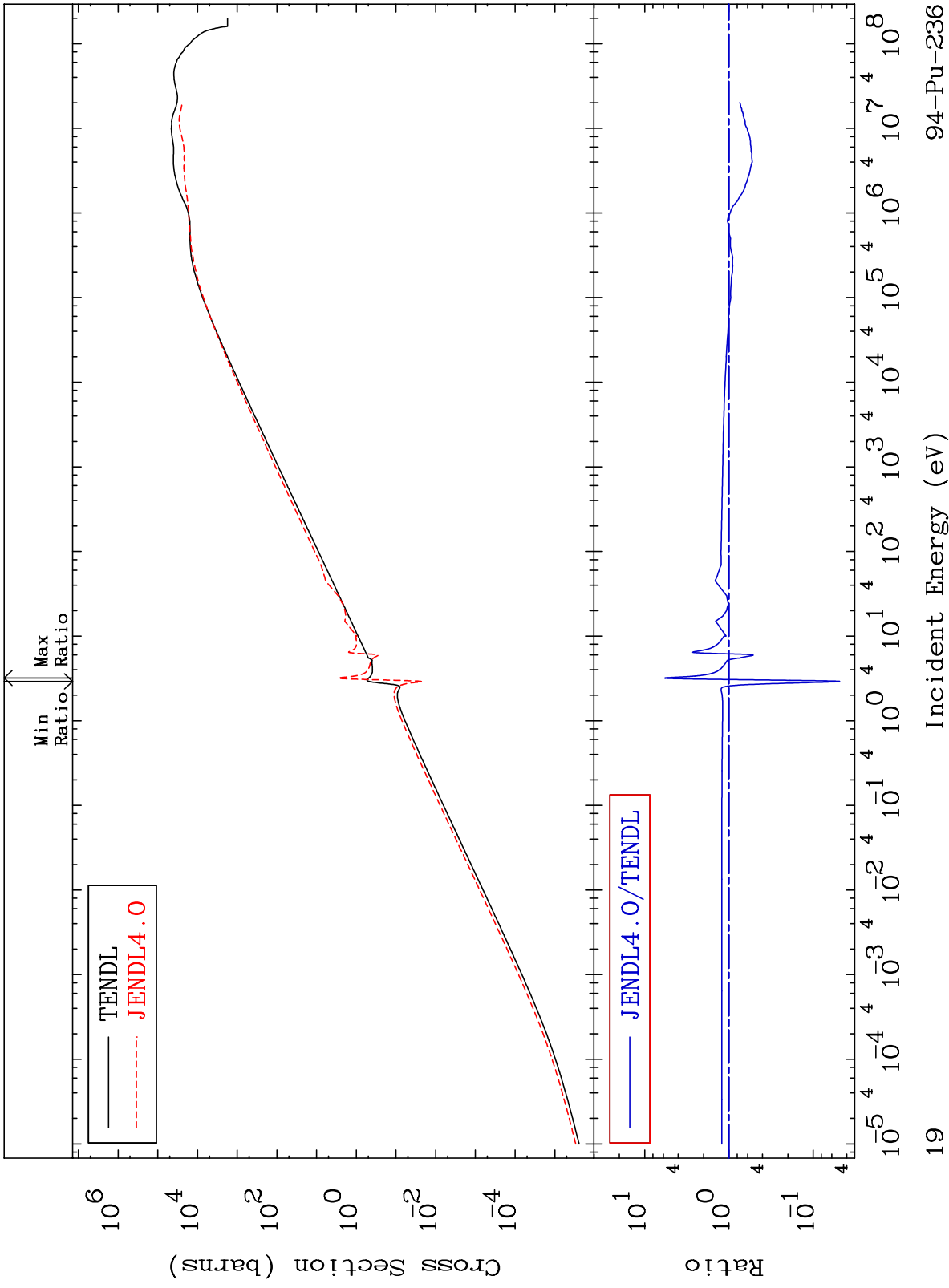
Incident Energy (eV)

94-Pu-236

MAT 9428

Kerma elastic
Cross Section

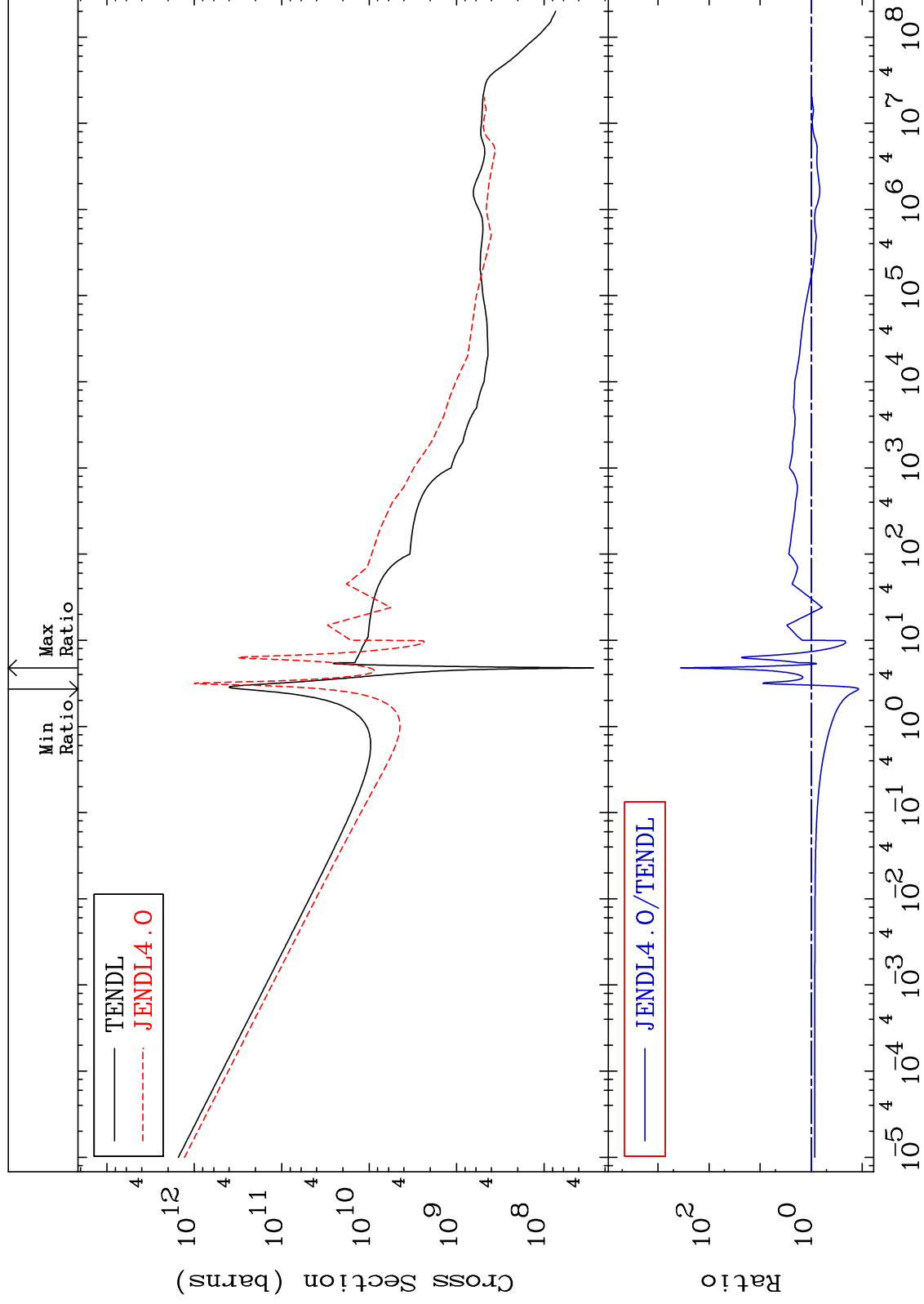
94-Pu-236
-95.16 To 478.4 %



MAT 9428

Kerma non-elastic (all but mt2)
Cross Section

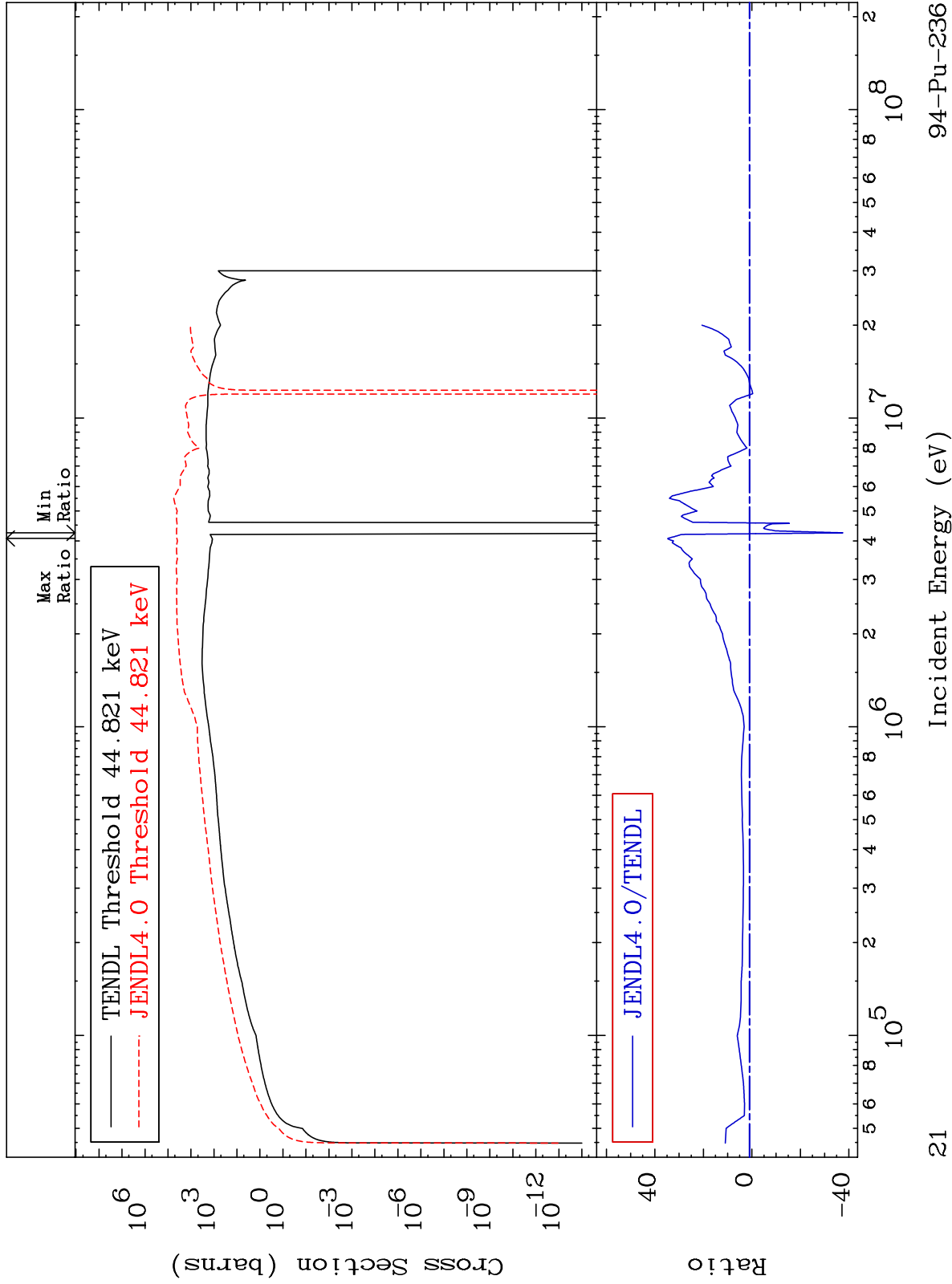
94-Pu-236
-88.18 To 9999. %



MAT 9428

Kerma inelastic (mt51-91)
Cross Section

94-Pu-236
-3845. To 3377. %



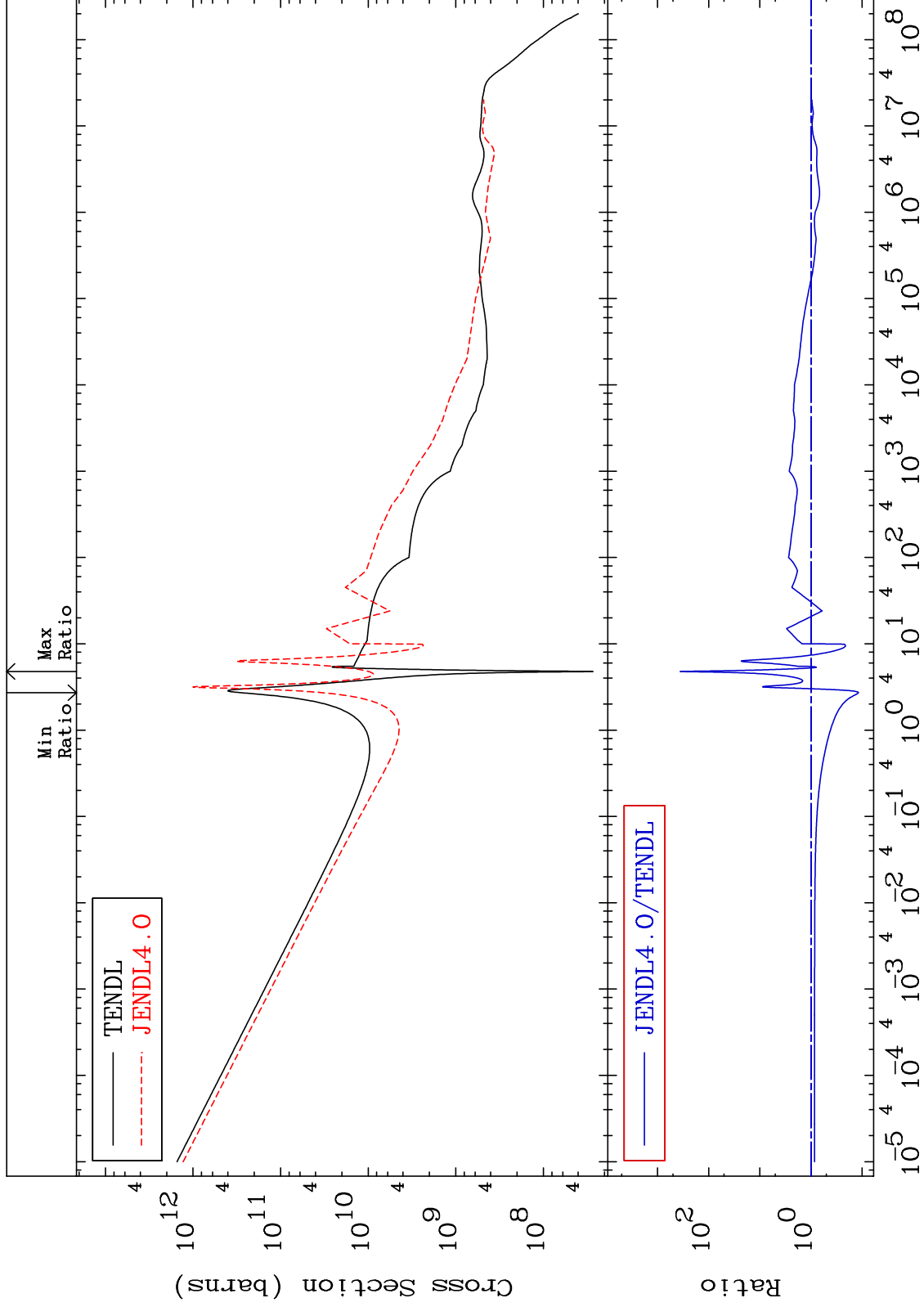
MAT 9428

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

94-Pu-236

-88.18 To 9999. %

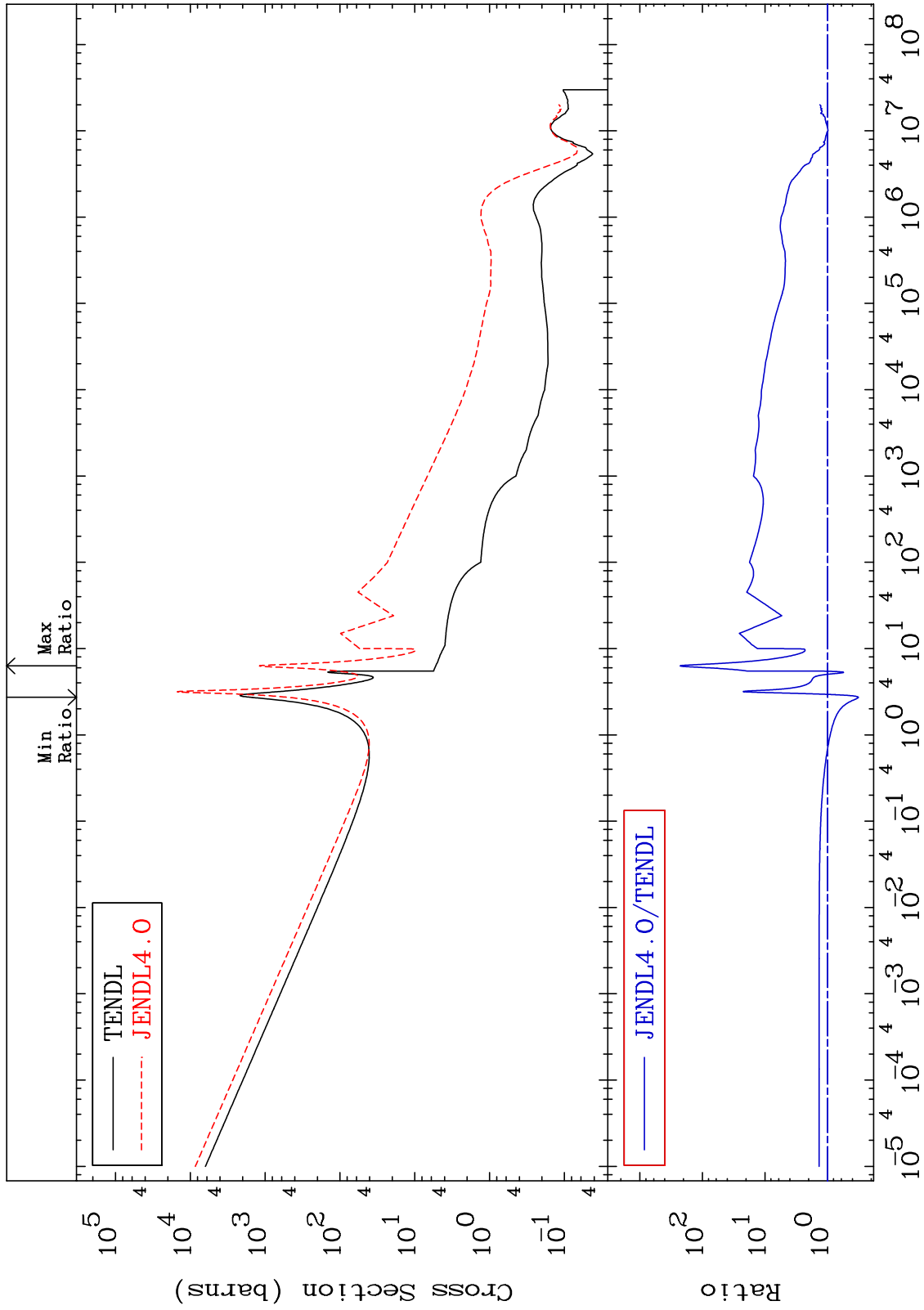
Cross Section



MAT 9428

Kerma capture (mt102)
Cross Section

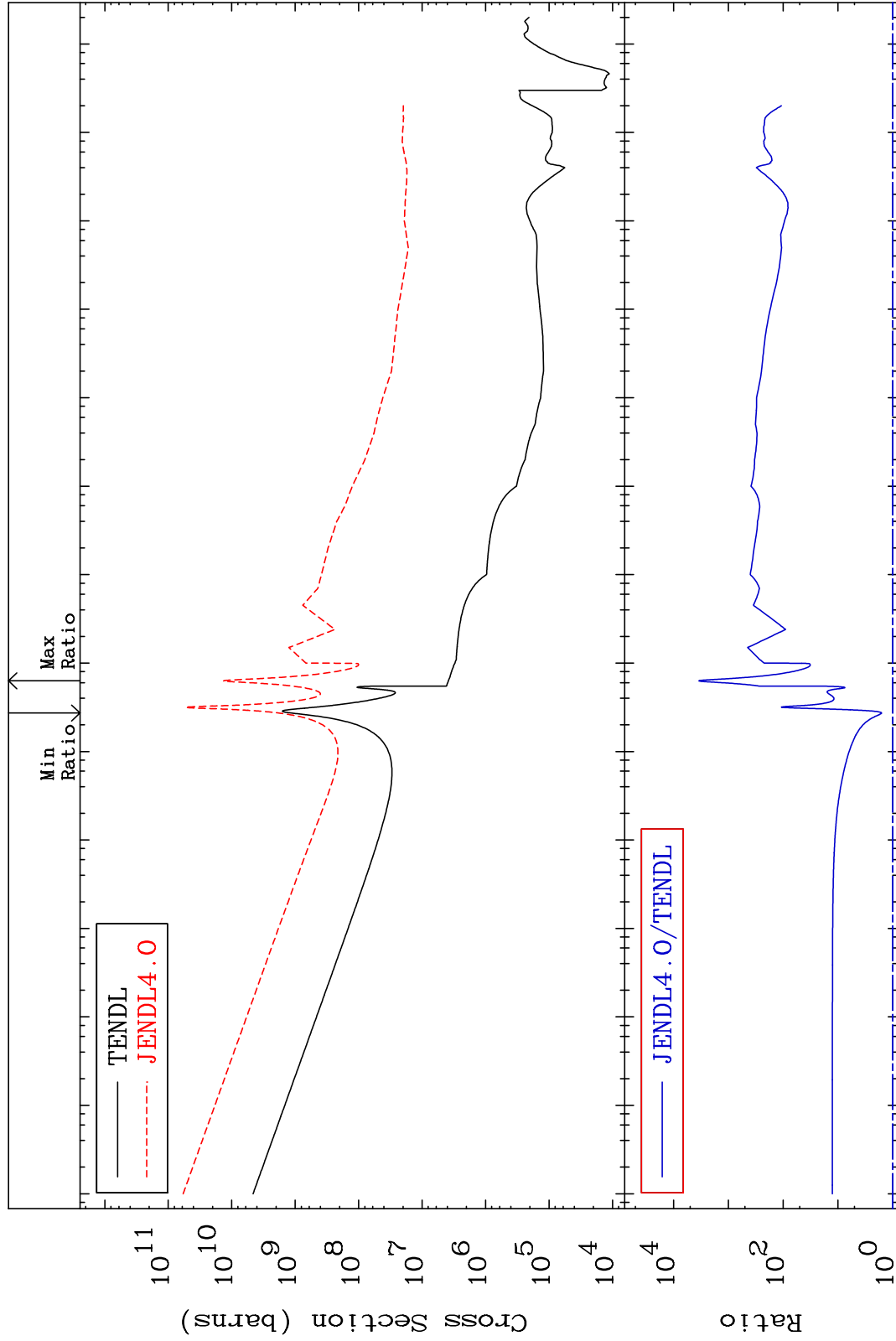
94-Pu-236
-67.91 To 9999. %



MAT 9428

Total photon (eV-barns)
Cross Section

94-Pu-236
59.91 To 9999. %



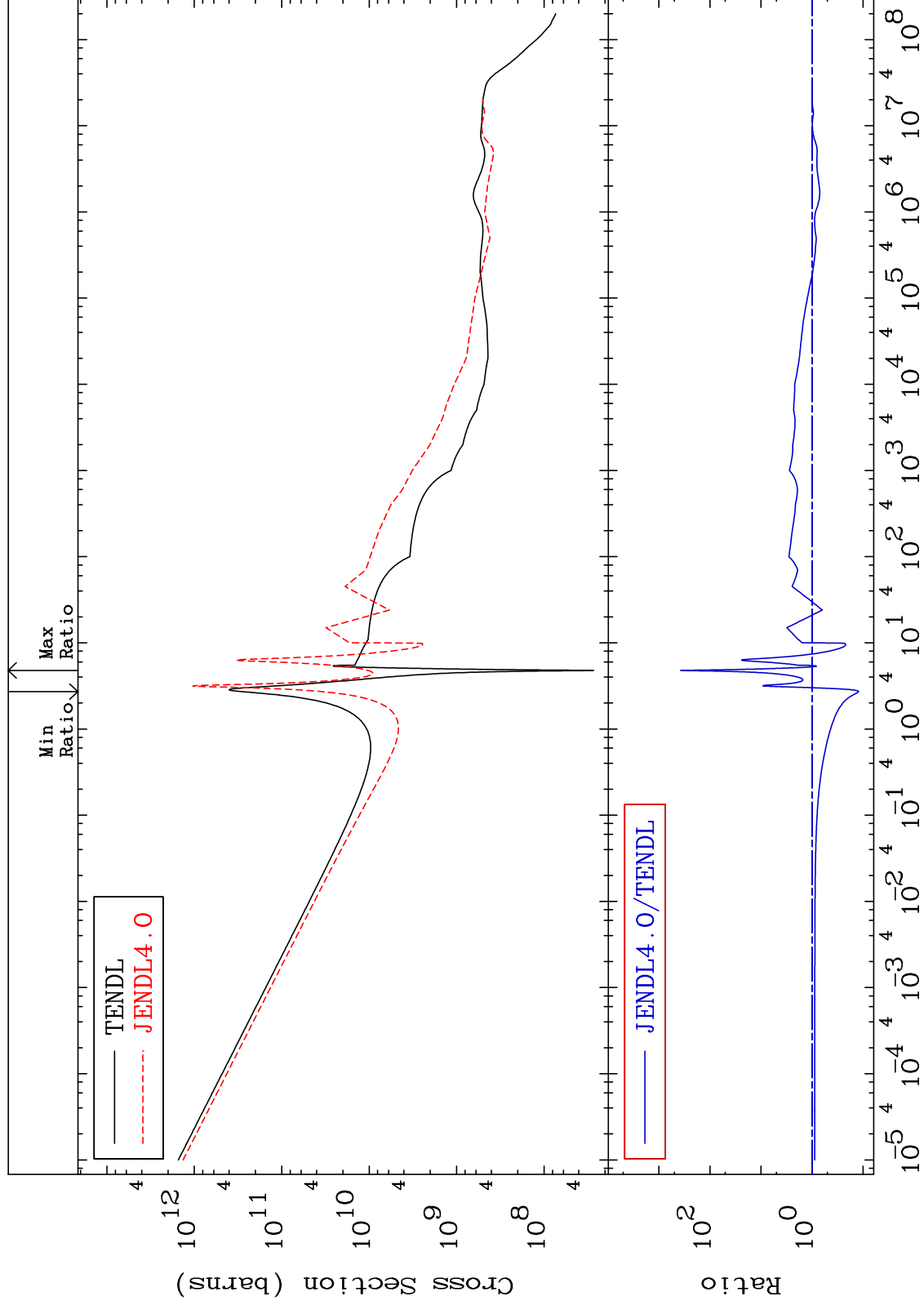
Incident Energy (eV)

94-Pu-236

MAT 9428

Total kinematic kerma (high limit)
Cross Section

94-Pu-236
-87.72 To 9999. %



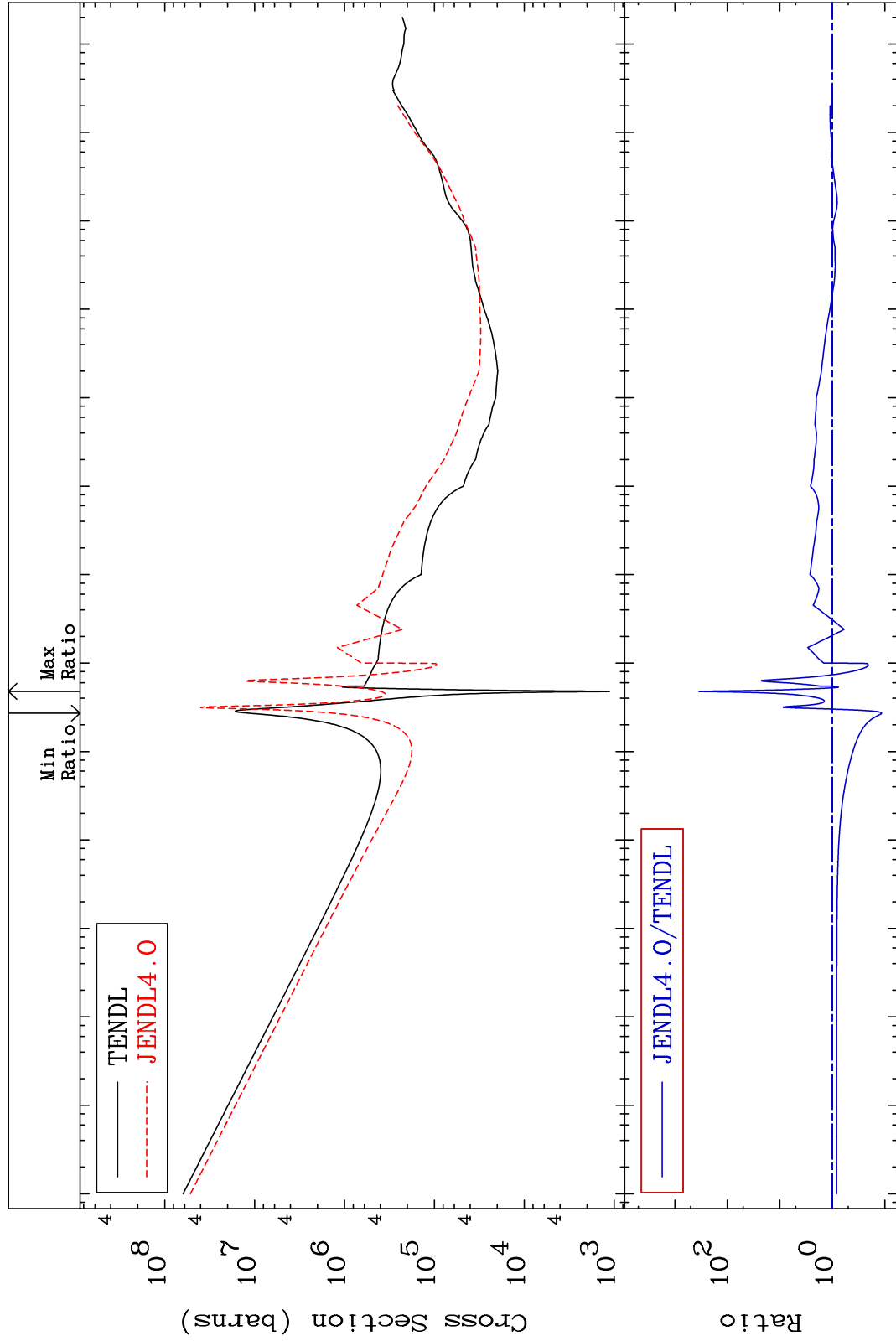
MAT 9428

Dpa total (eV-barns)

94-Pu-236

-88.47 To 9999. %

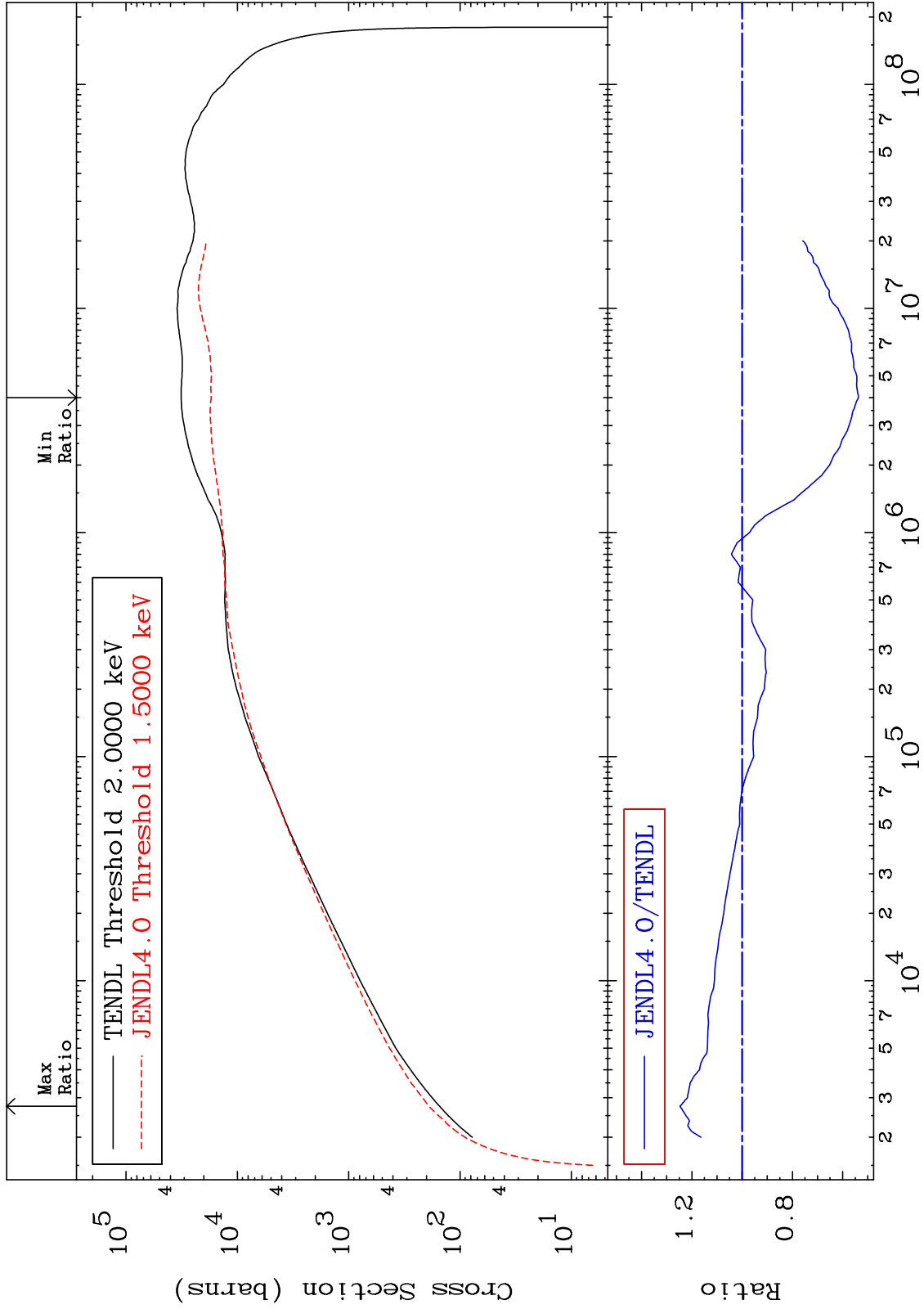
Cross Section



MAT 9428

Dpa elastic (mt2)
Cross Section

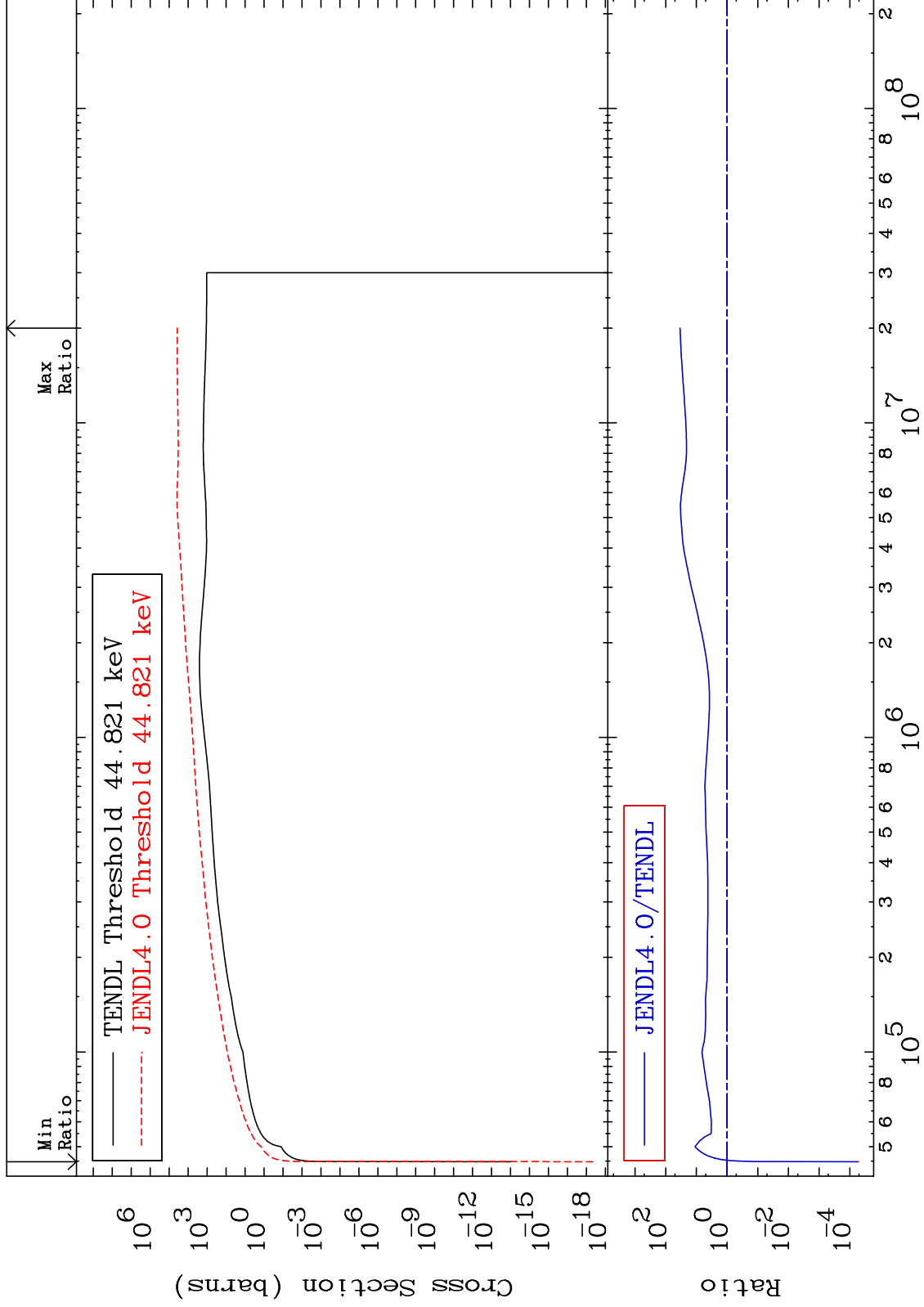
94-Pu-236
-46.26 To 24.71 %



MAT 9428

Dpa inelastic (mt51-91)
Cross Section

94-Pu-236
-99.99 To 3308. %



MAT 9428

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-236
-100.0 To 9999. %

