

Program Complot
(Version 2018-1)

by

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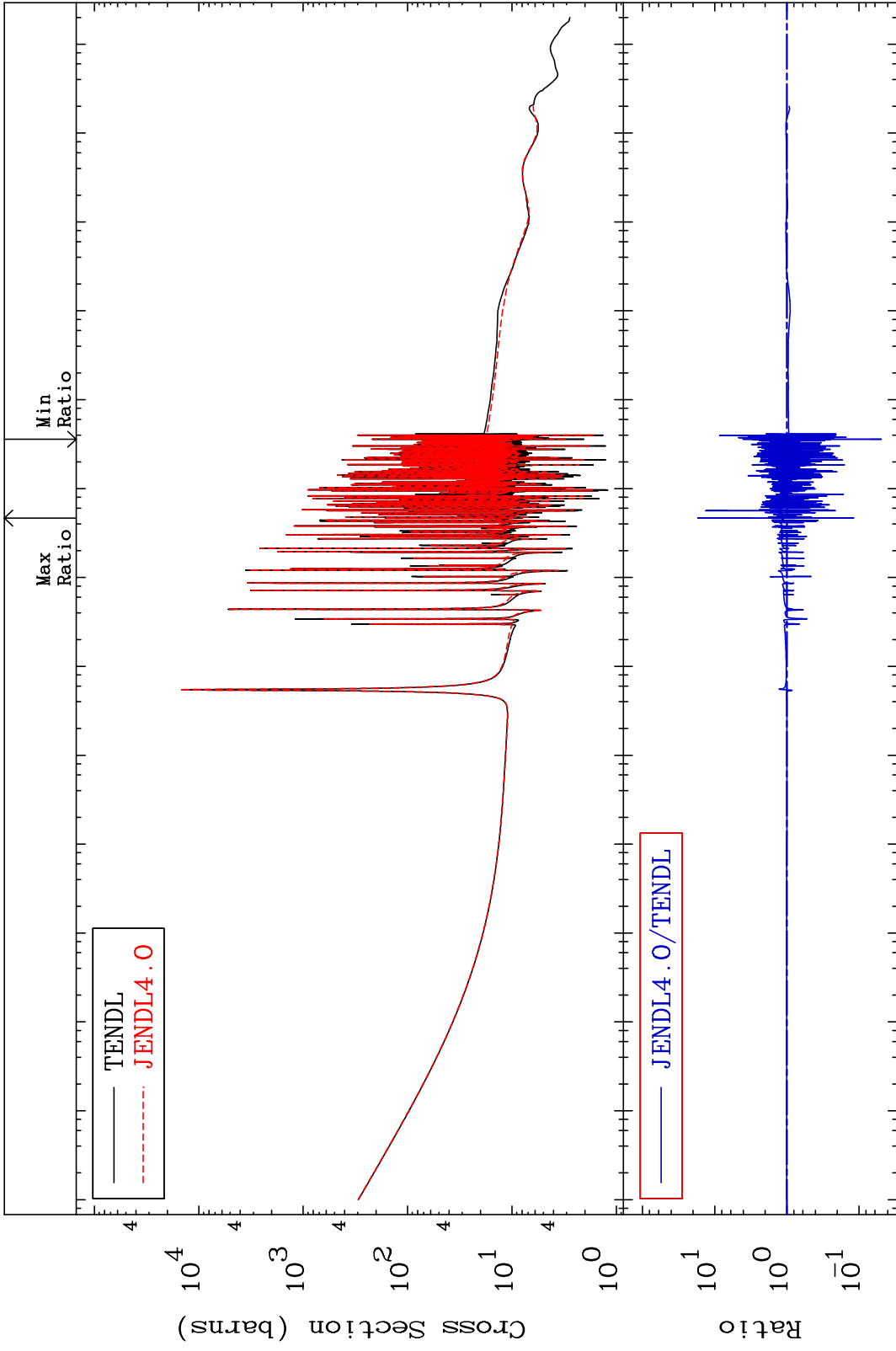
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9231

Total
Cross Section

92-U -236
-95.13 To 1615. %



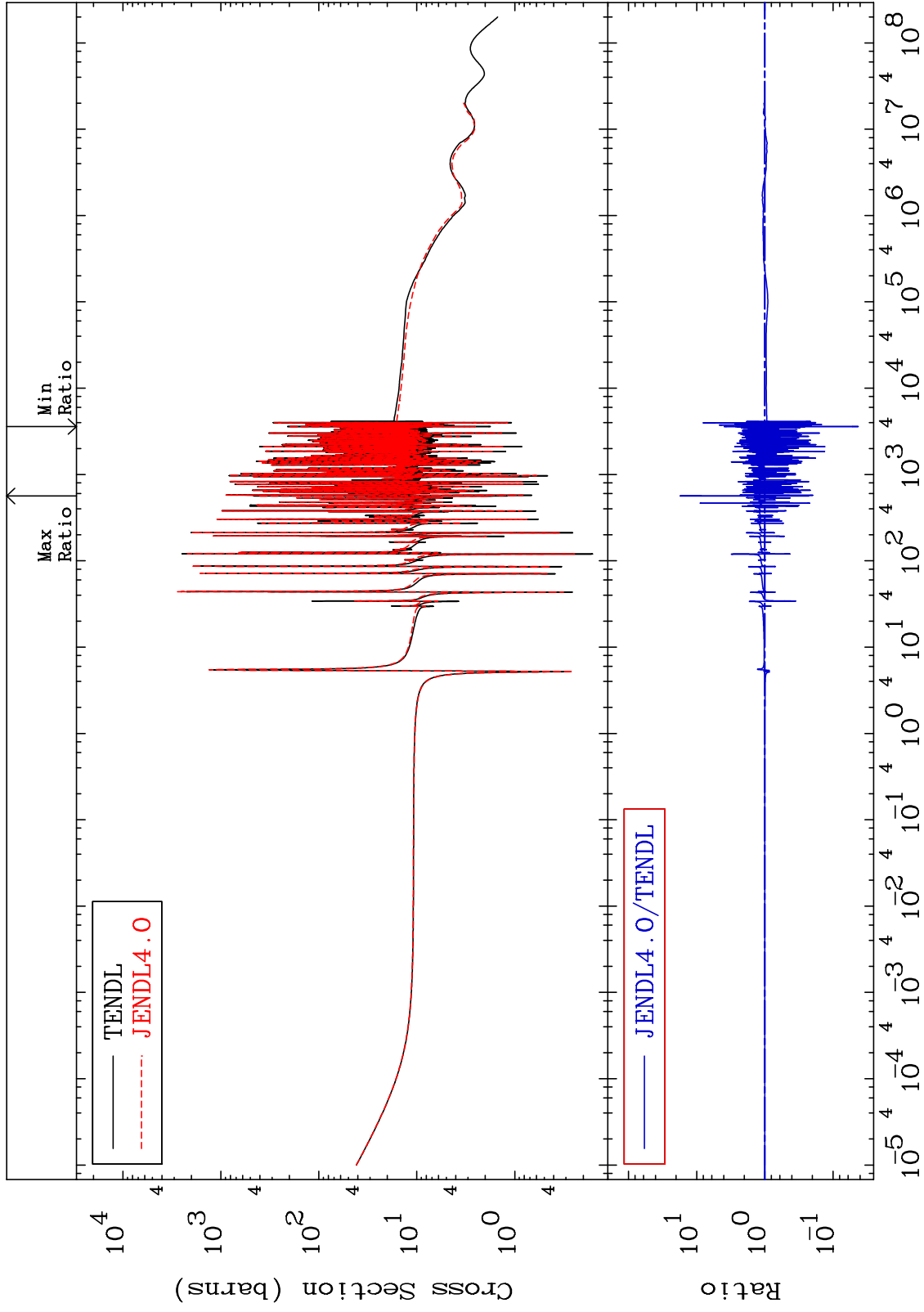
Incident Energy (eV)

92-U -236

MAT 9231

Elastic
Cross Section

92-U -236
-95.77 To 1653. %



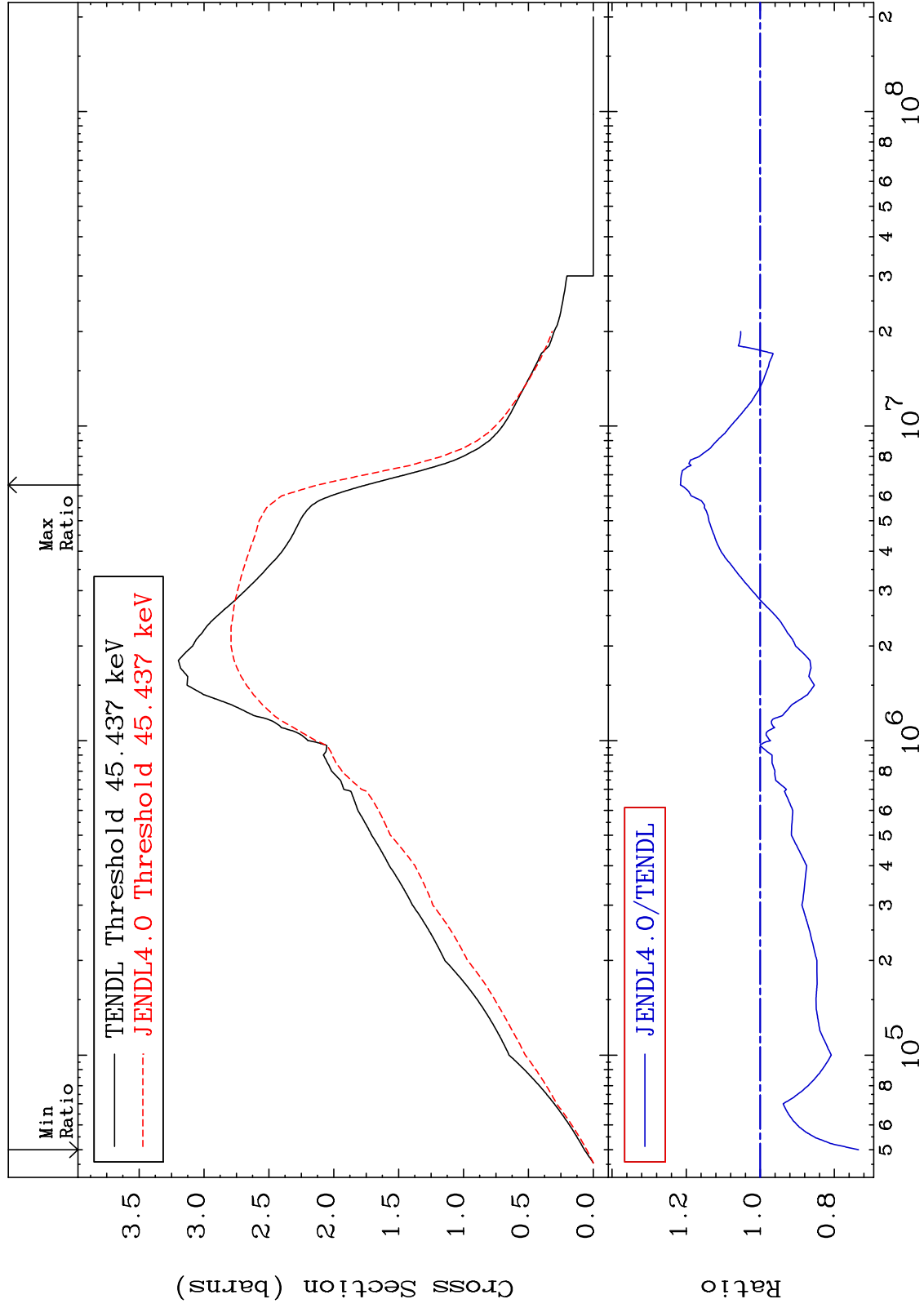
2

Incident Energy (eV)

92-U -236

MAT 9231

Inelastic Cross Section
92-U -236
-26.56 To 21.54 %



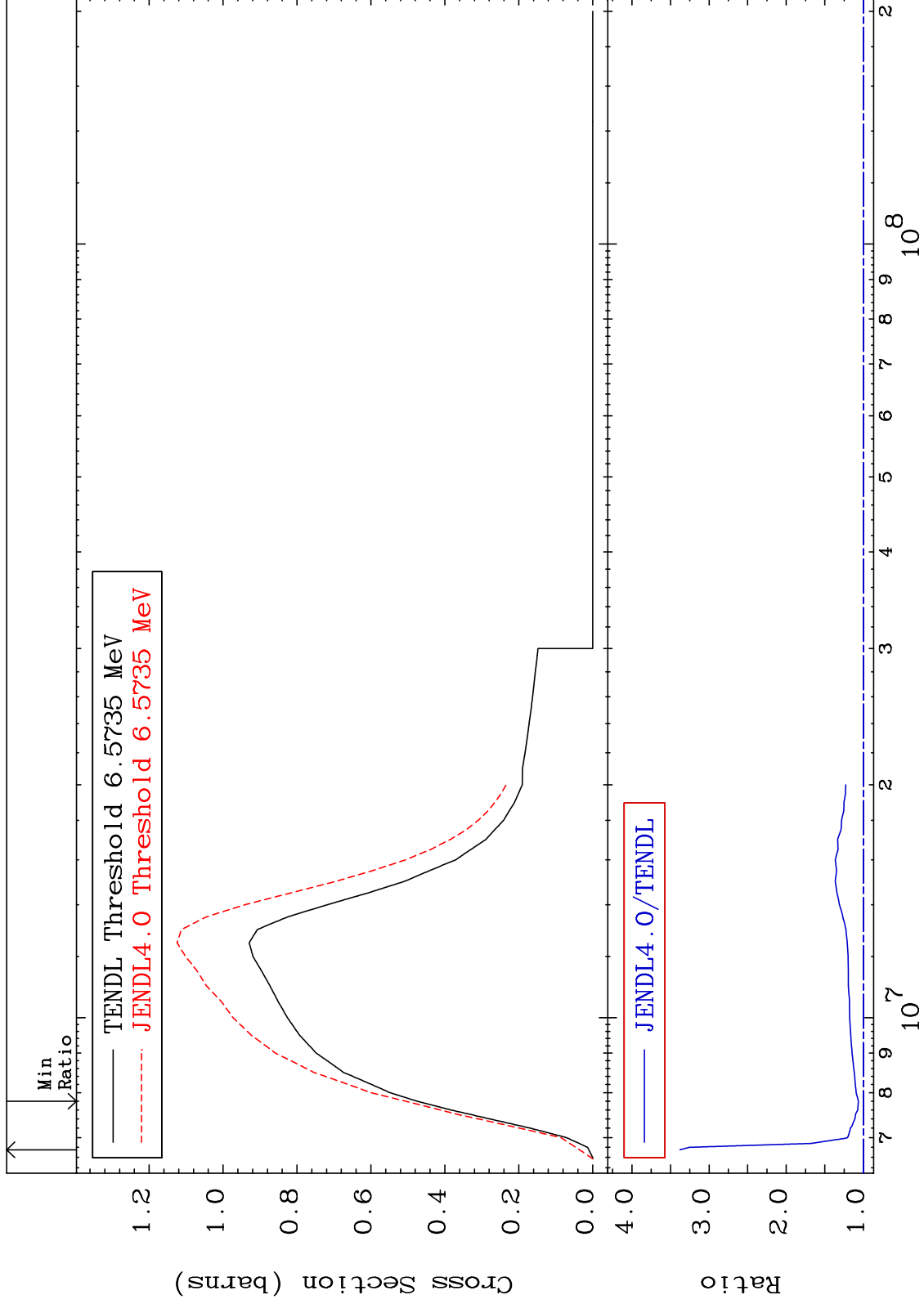
MAT 9231

(n,2n)

92-U -236

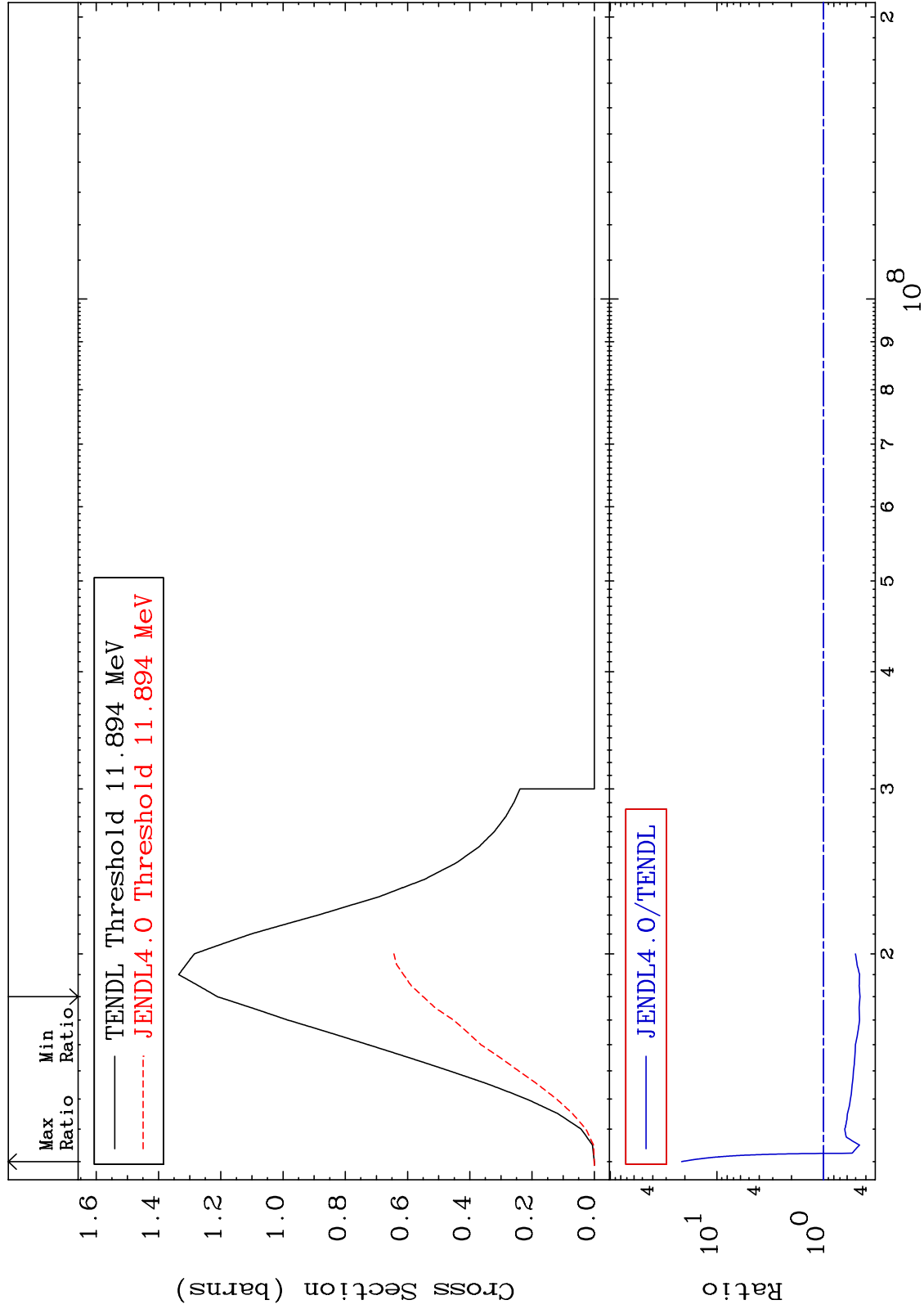
Cross Section

6.504 To 237.6 %



Cross Section

-54.58 To 2043. %



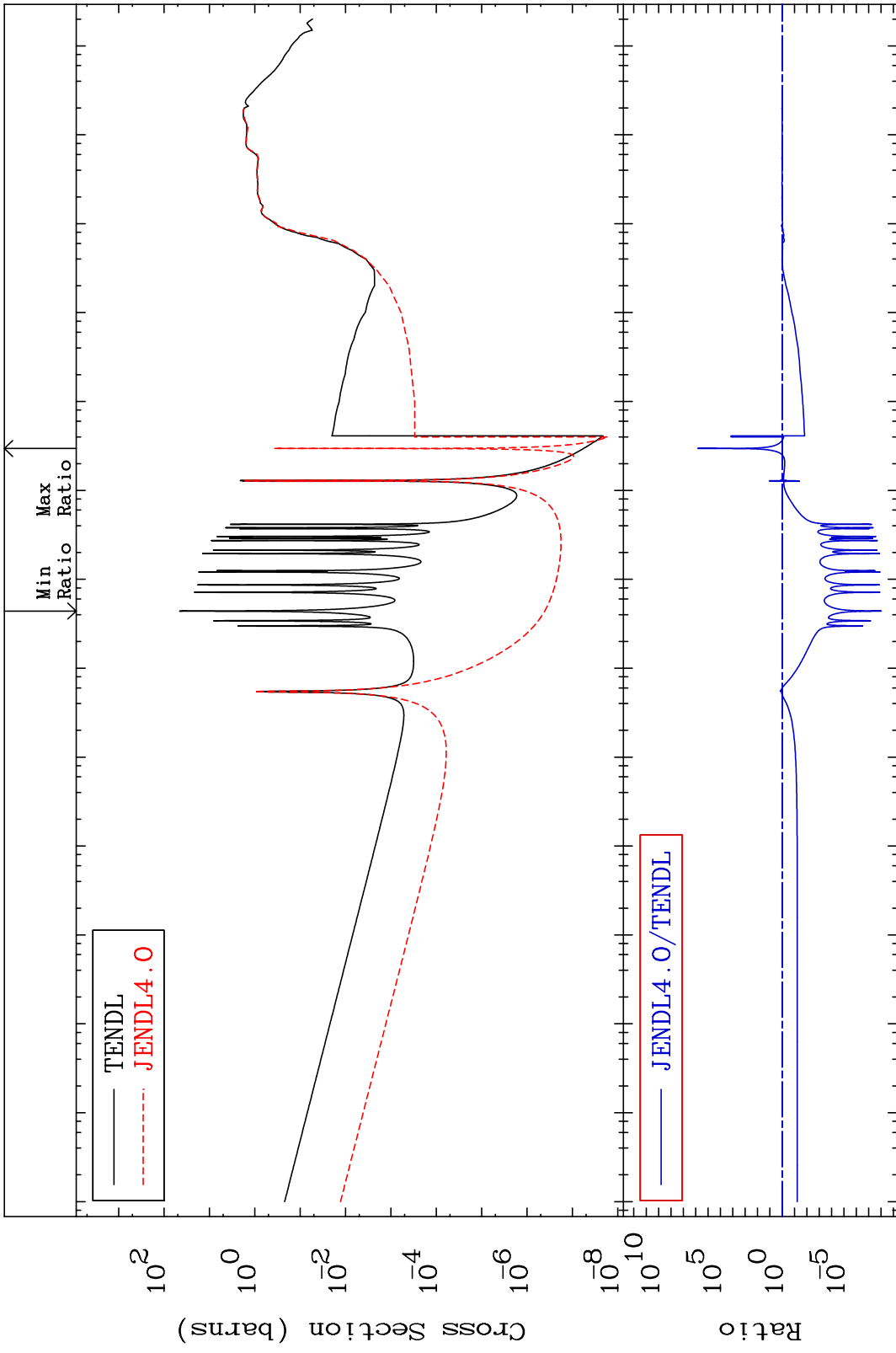
MAT 9231

92-U -236

-100.0 To 9999. %

Fission

Cross Section

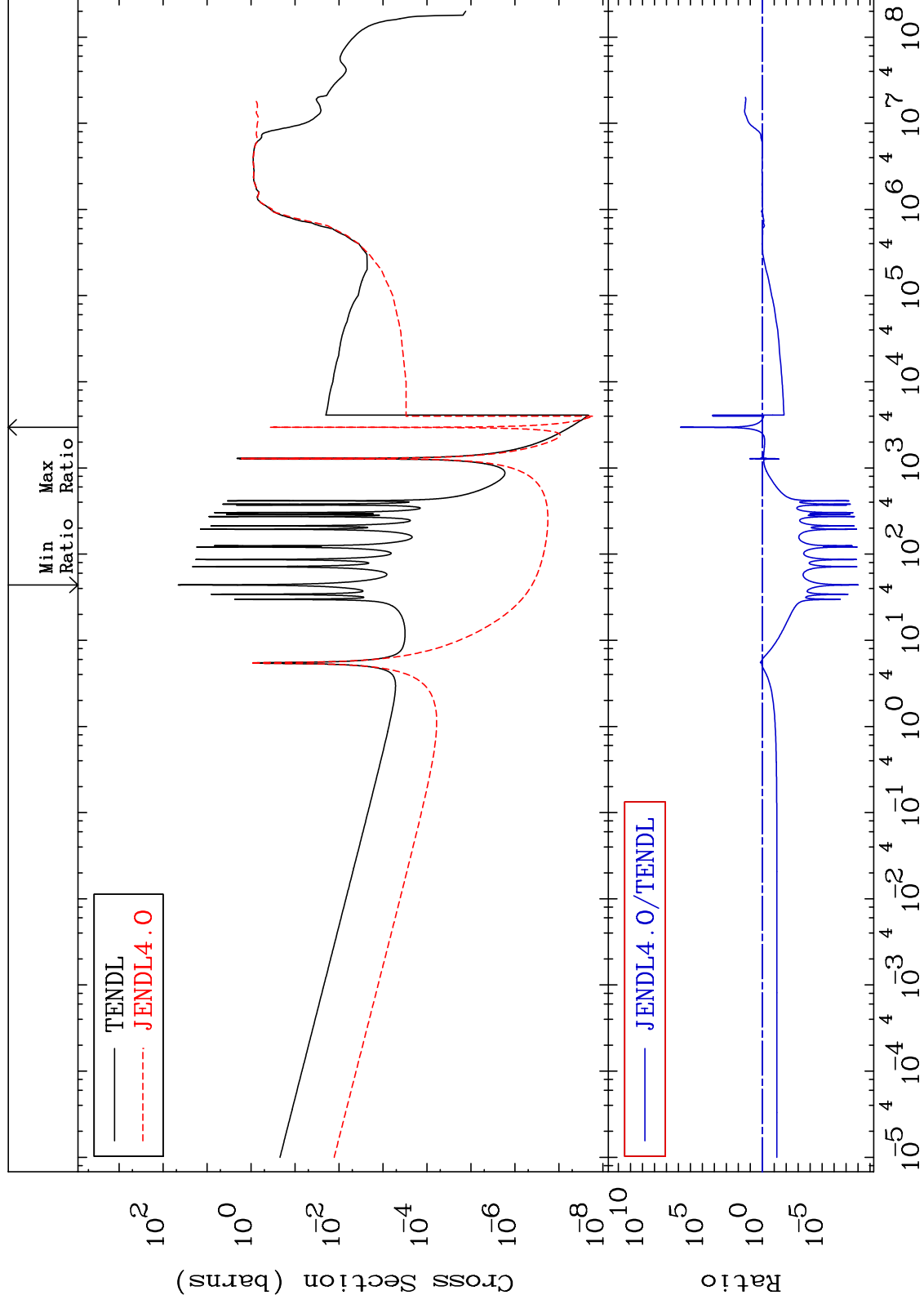


Incident Energy (eV) 92-U -236

MAT 9231

(n,f) First Chance
Cross Section

92-U -236
-100.0 To 9999. %



7

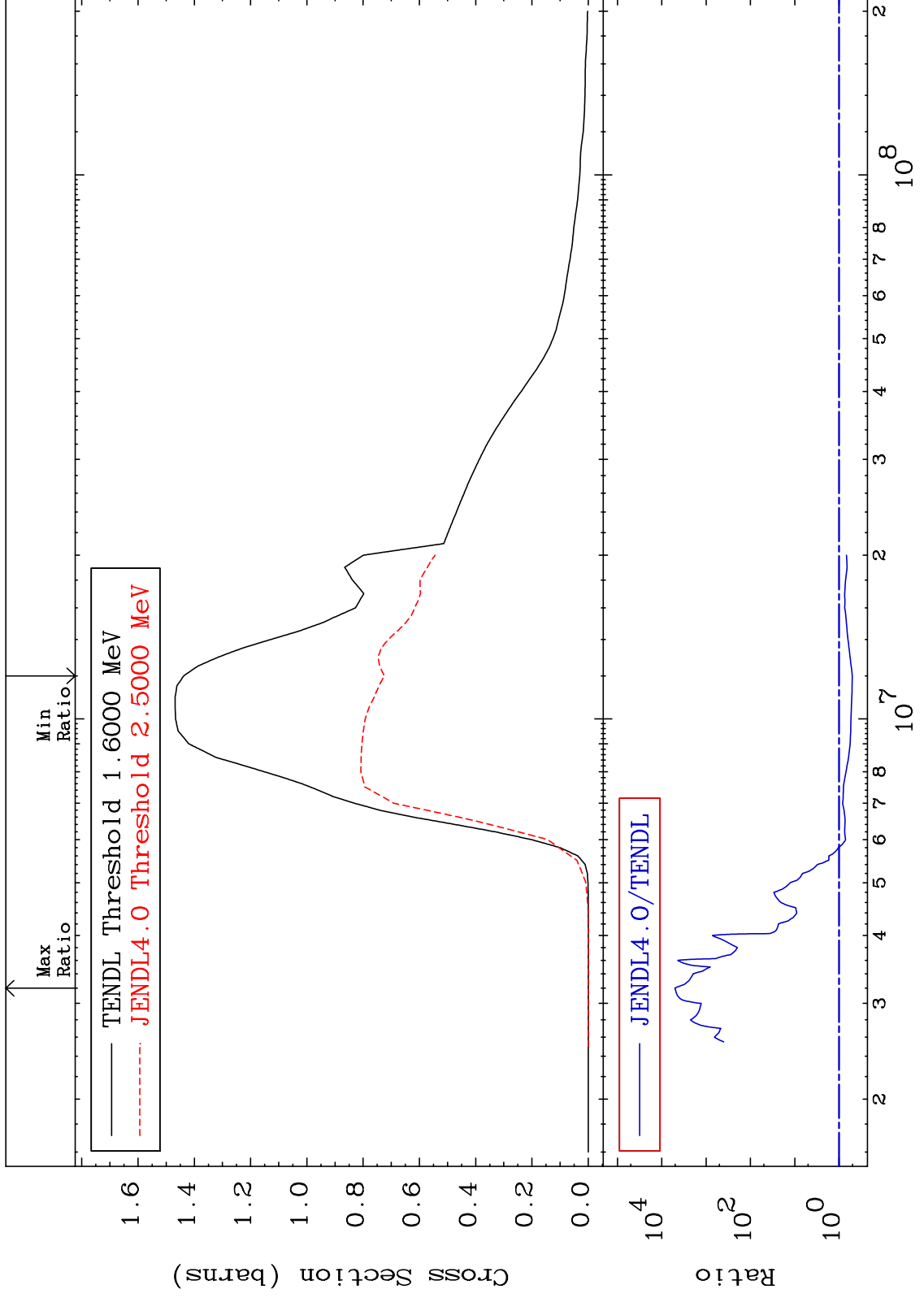
Incident Energy (eV)

92-U -236

MAT 9231

(n, nf) Second Chance
Cross Section

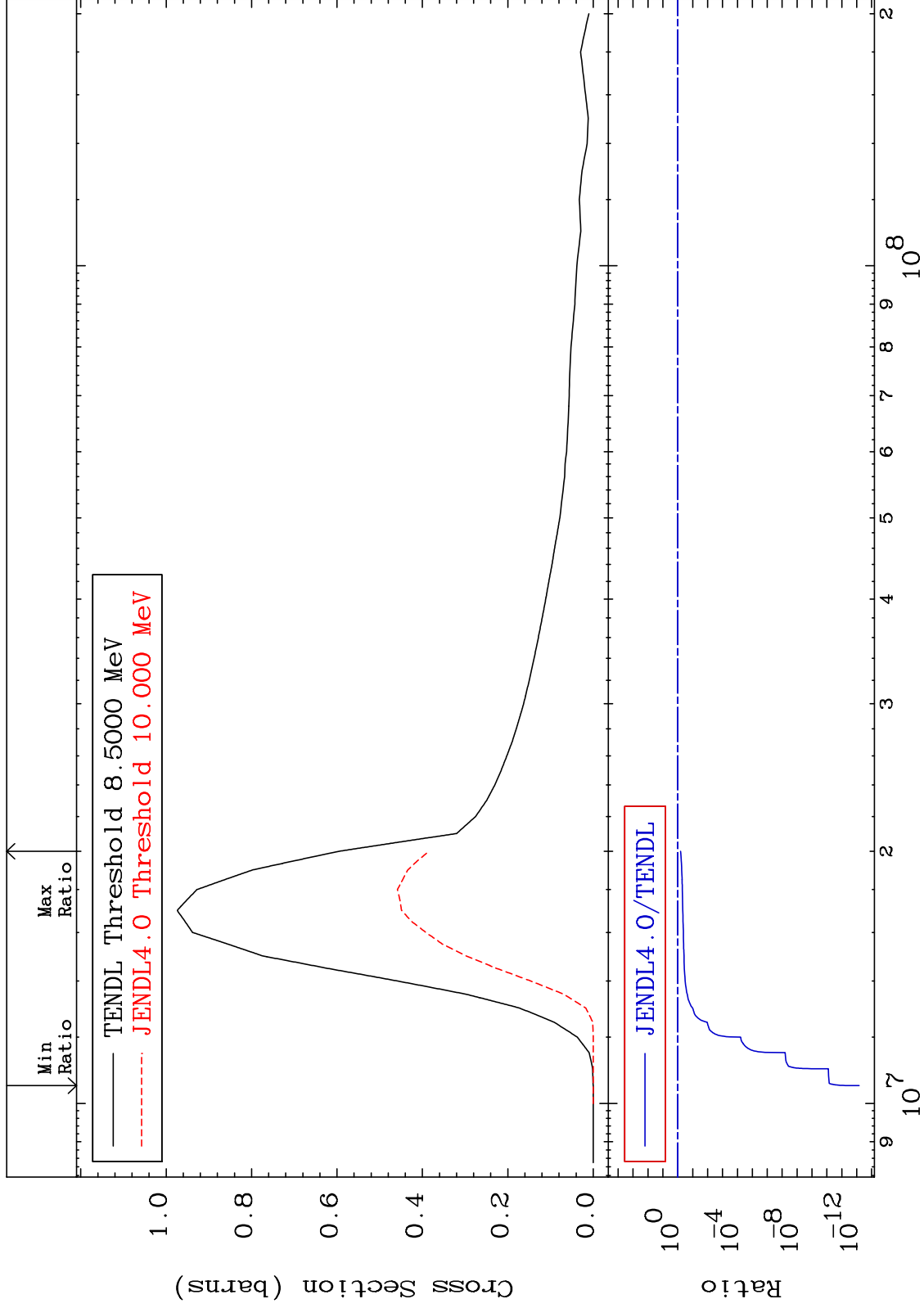
92-U -236
-49.59 To 9999. %



MAT 9231

(n,2nf) Third Chance
Cross Section

92-U -236
-100.0 To -35.41%



9

Incident Energy (eV)

92-U -236

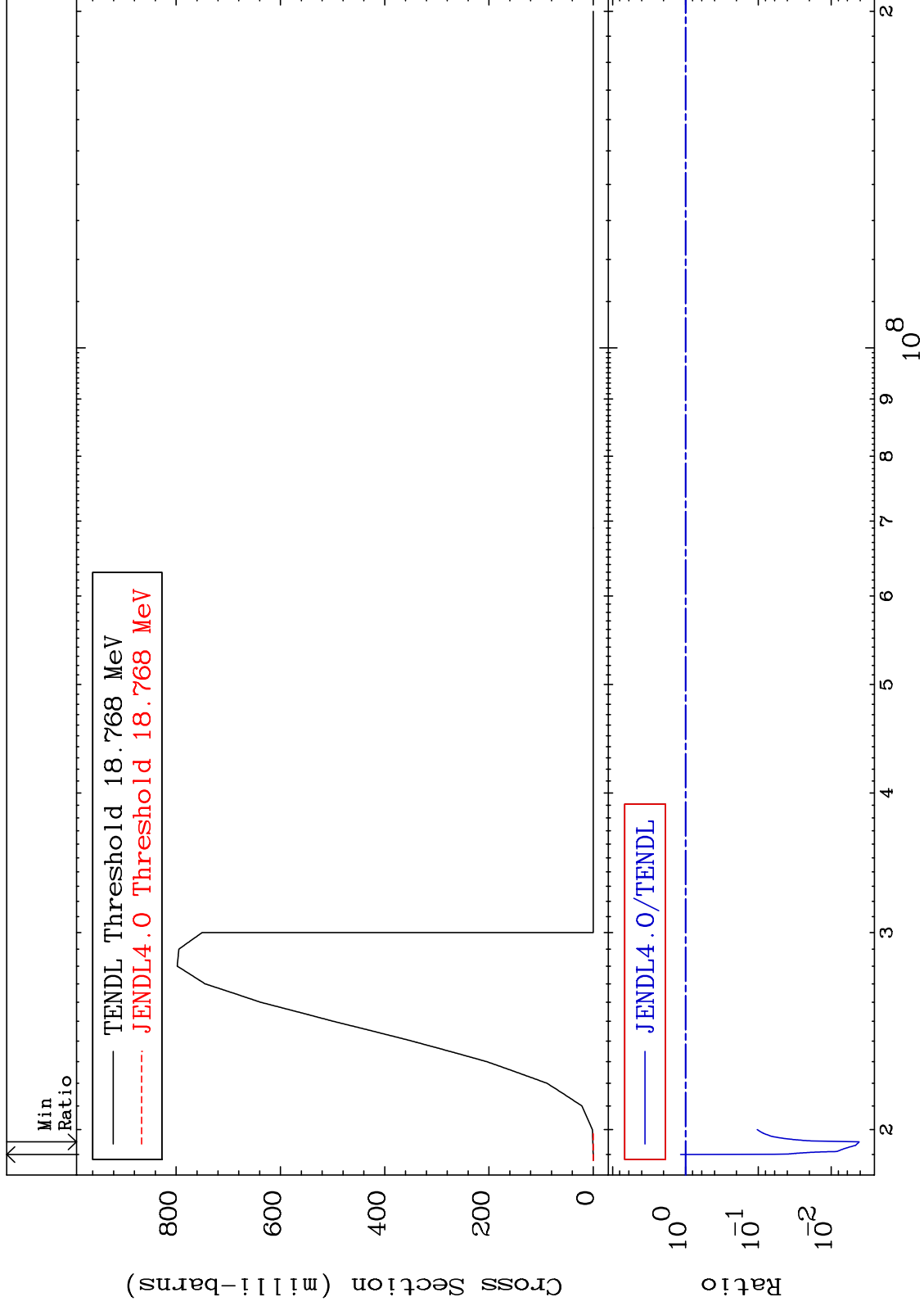
MAT 9231

(n, 4n)

92-U -236

Cross Section

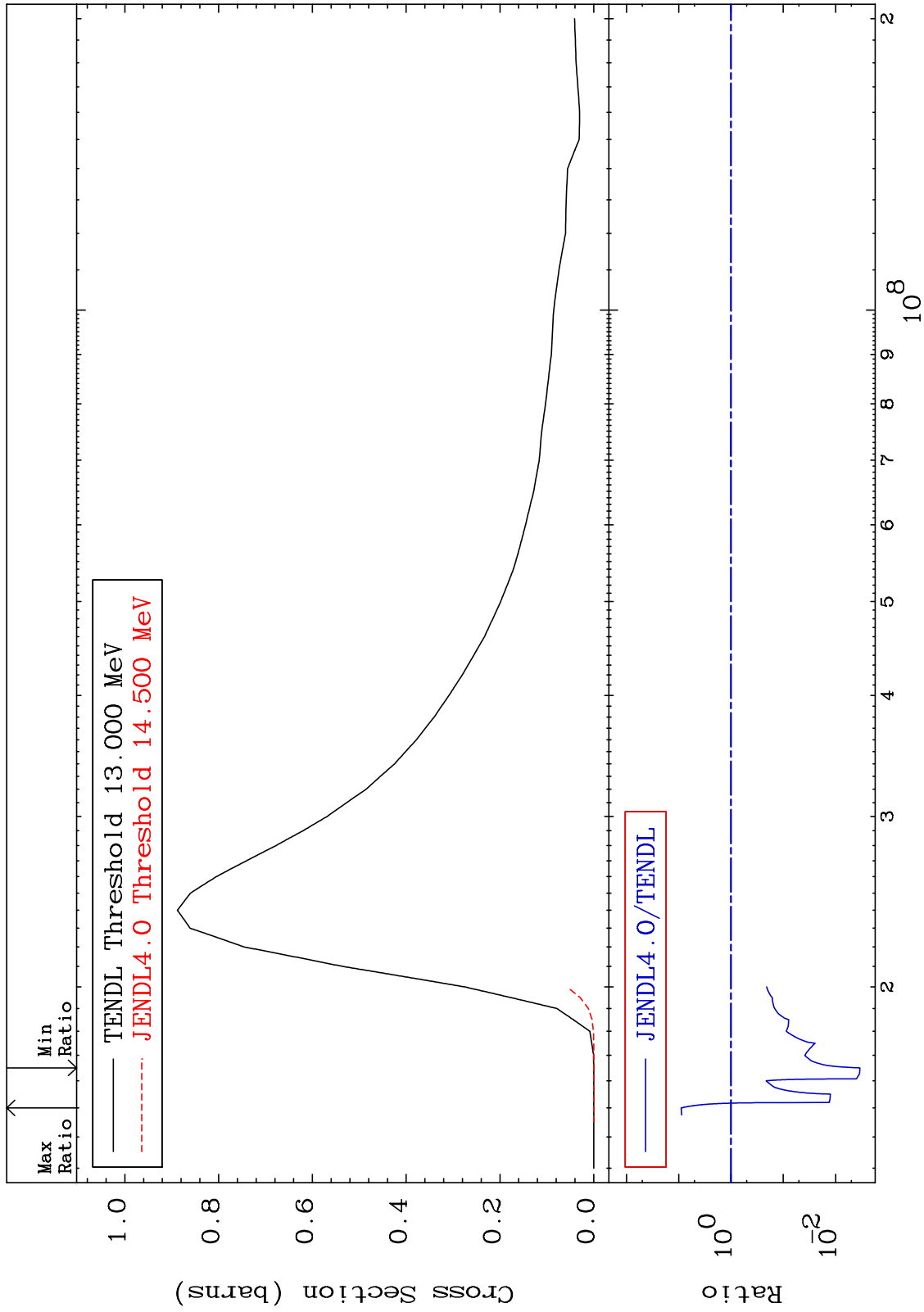
-99.59 To 16.71 %



10

Incident Energy (eV)

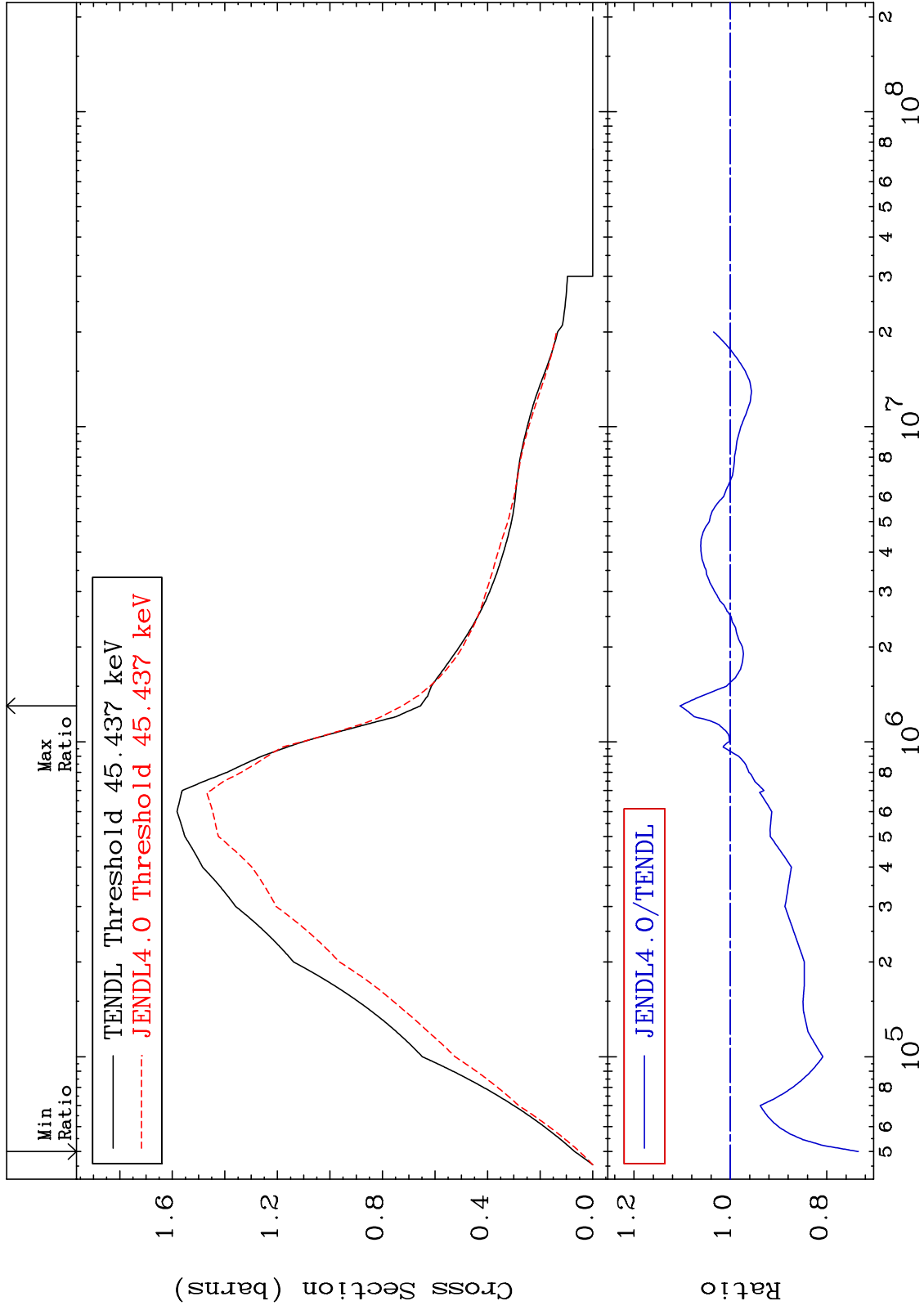
92-U -236



MAT 9231

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

92-U -236
-26.56 To 10.45 %



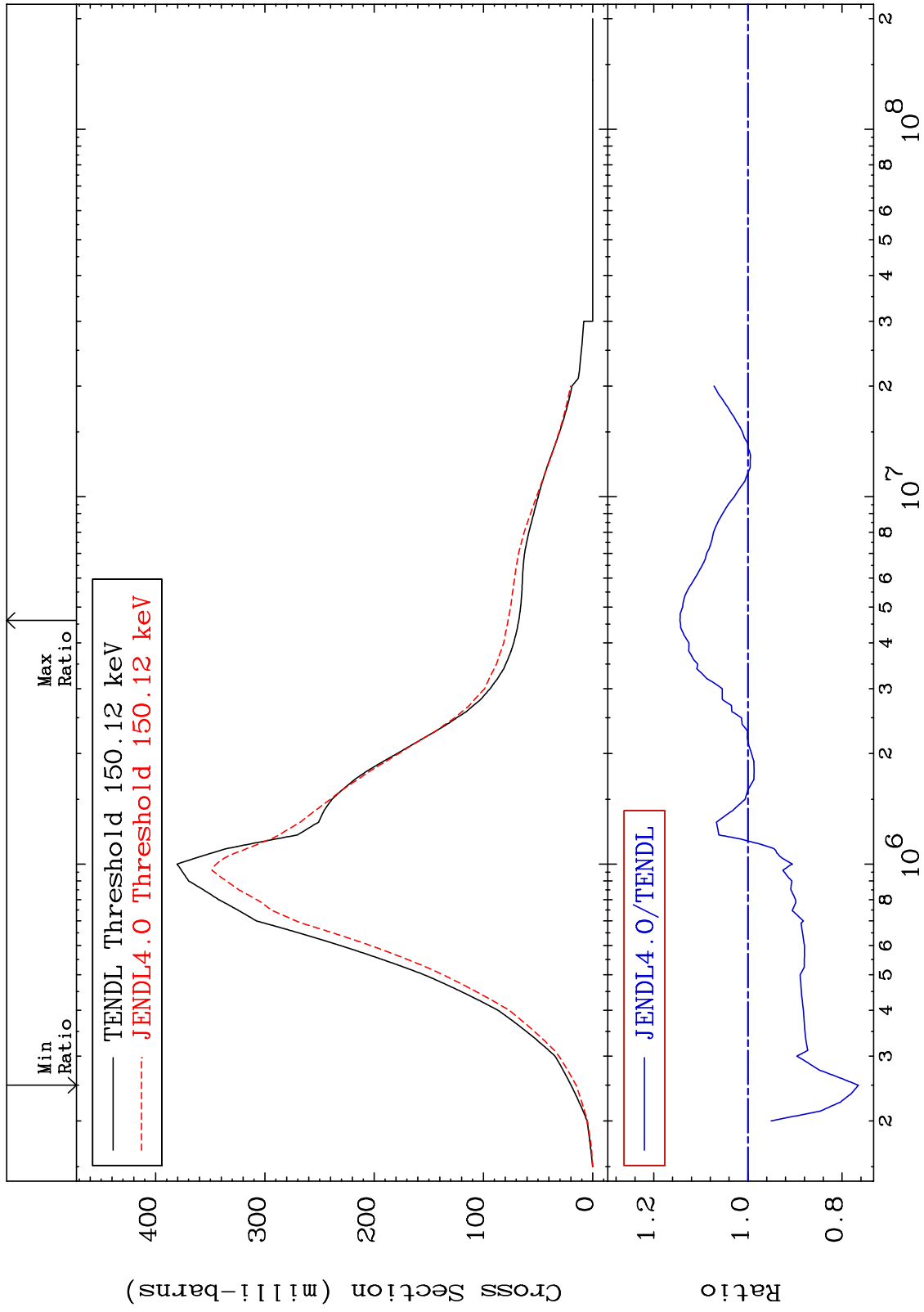
12

92-U -236

MAT 9231

MT= 52 (n,n') Level
Cross Section

92-U -236
-23.47 To 14.43 %



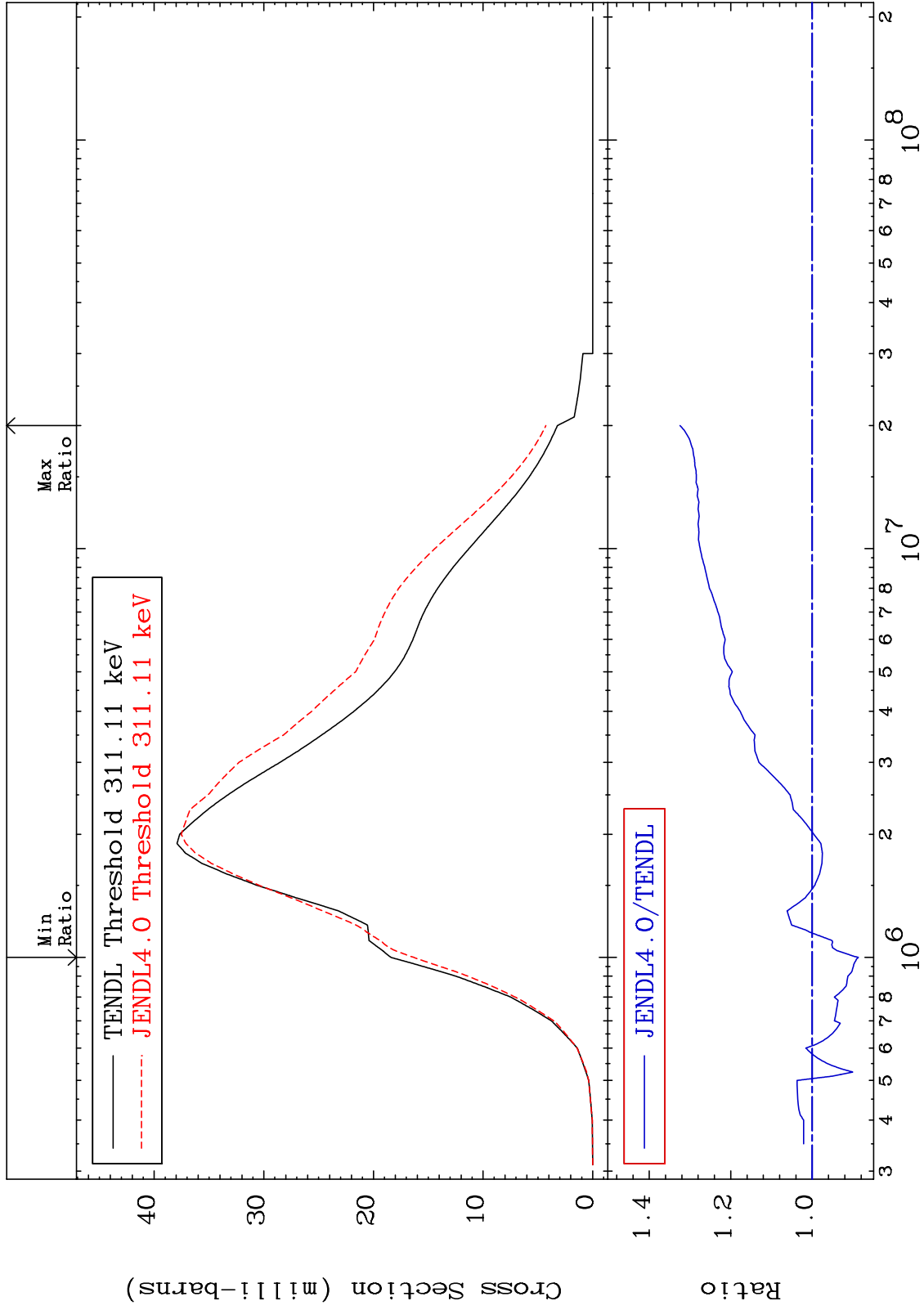
13

92-U -236

MAT 9231

MT= 53 (n,n') Level
Cross Section

92-U -236
-11.34 To 32.45 %



14

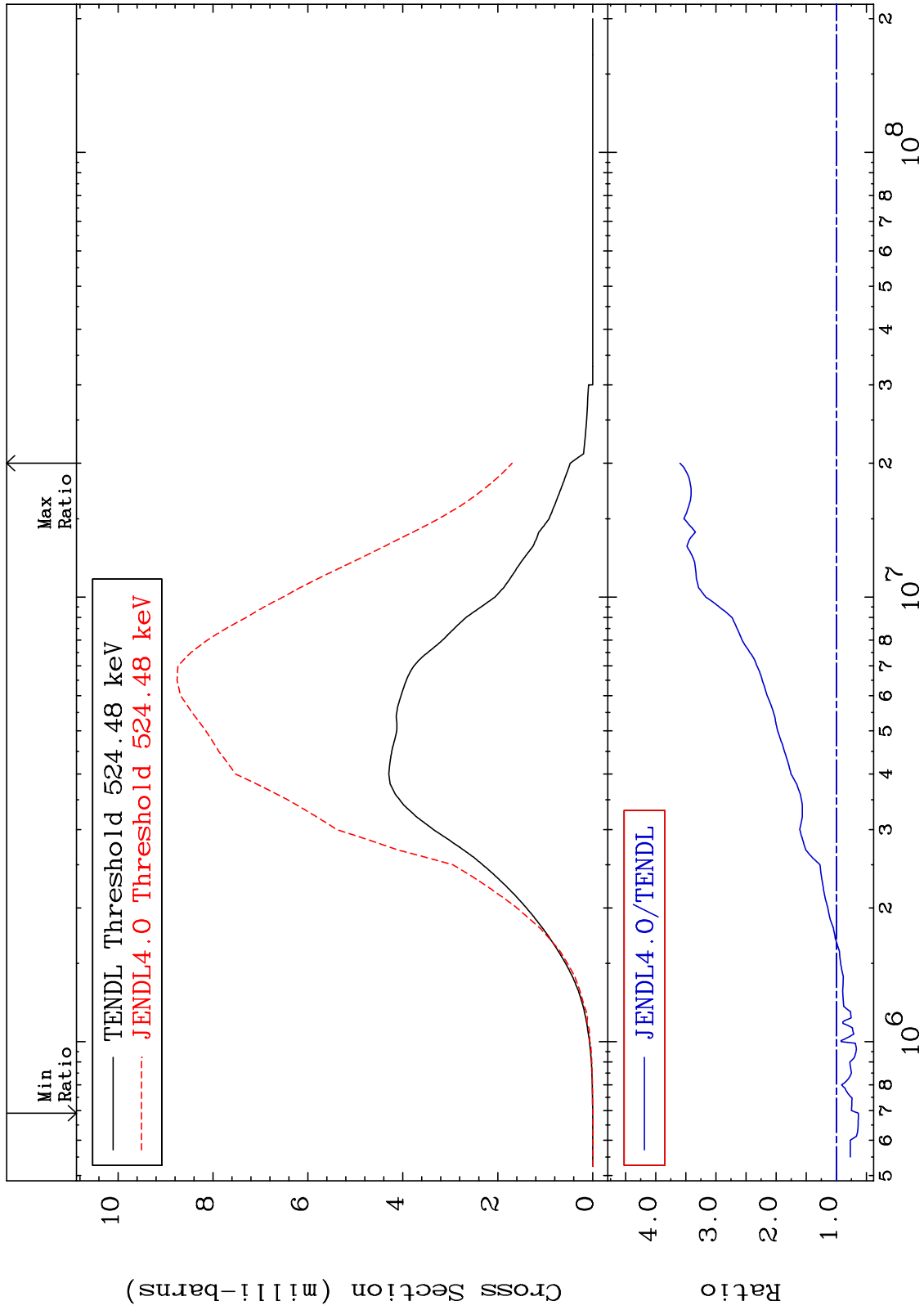
Incident Energy (eV)

92-U -236

MAT 9231

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

92-U -236
-36.59 To 259.6 %



15

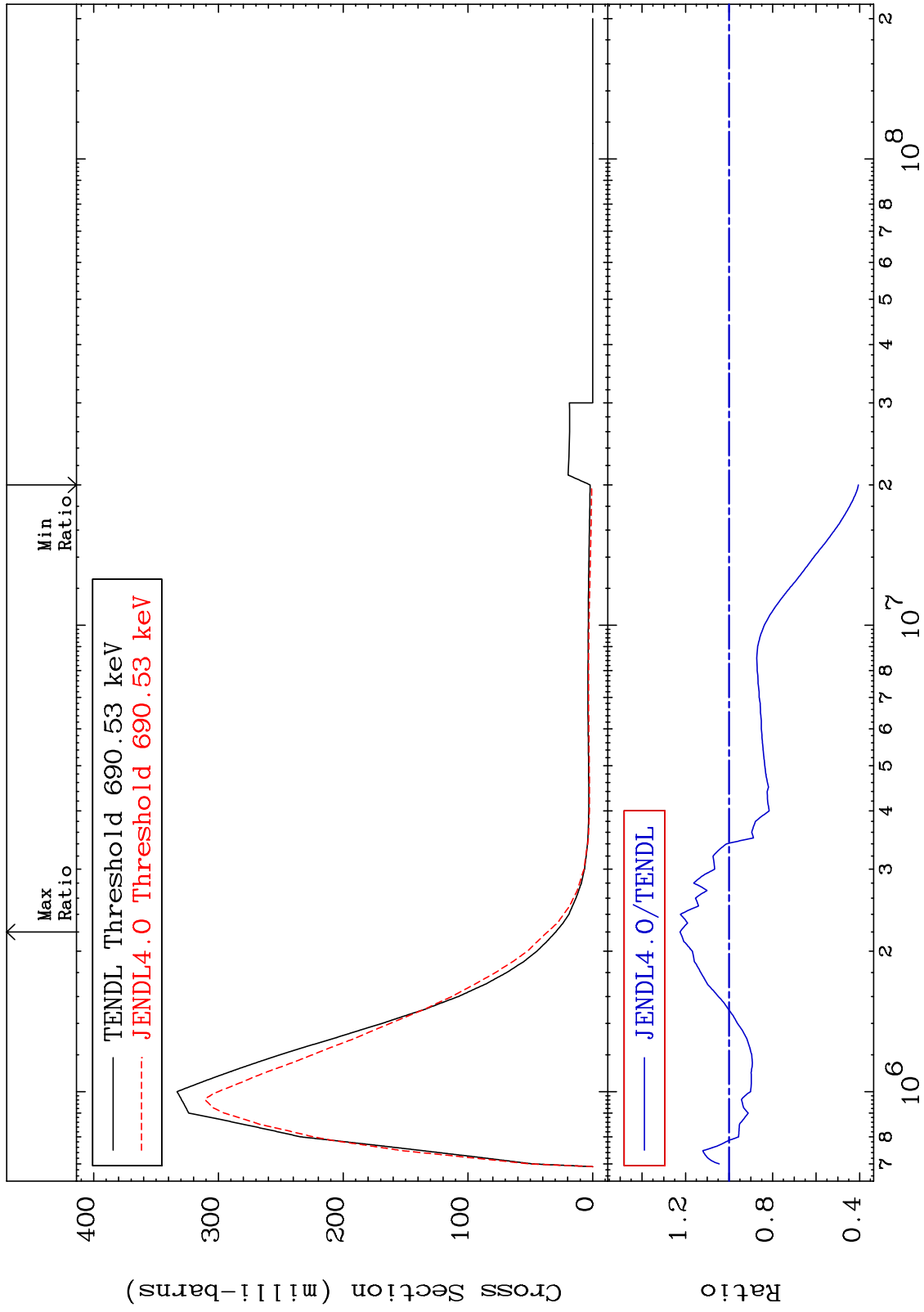
Incident Energy (eV)

92-U -236

MAT 9231

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

92-U -236
-59.46 To 22.53 %



16

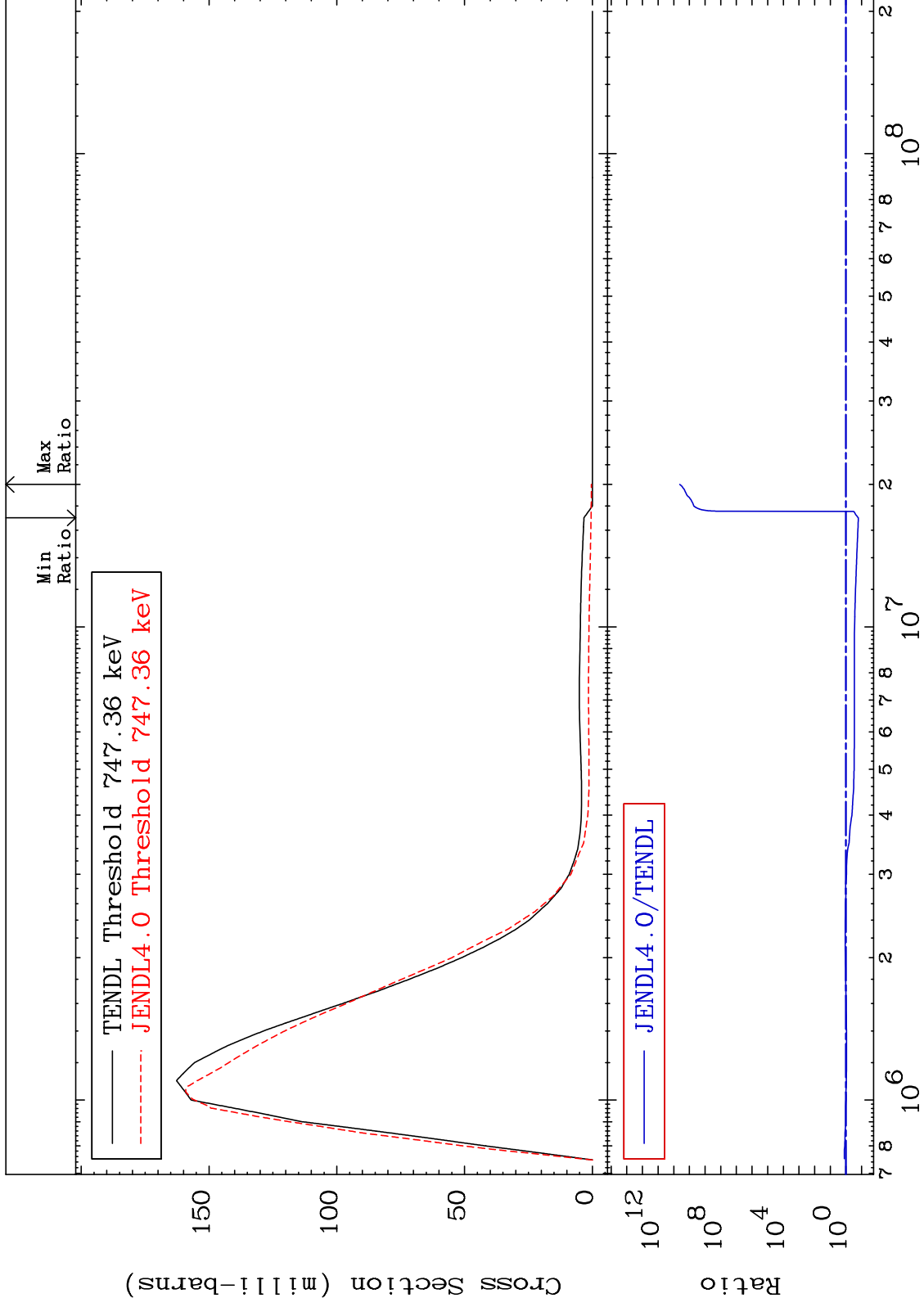
Incident Energy (eV)

92-U -236

MAT 9231

MT= 56 (n,n') Level
Cross Section

92-U -236
-83.86 To 9999. %



17

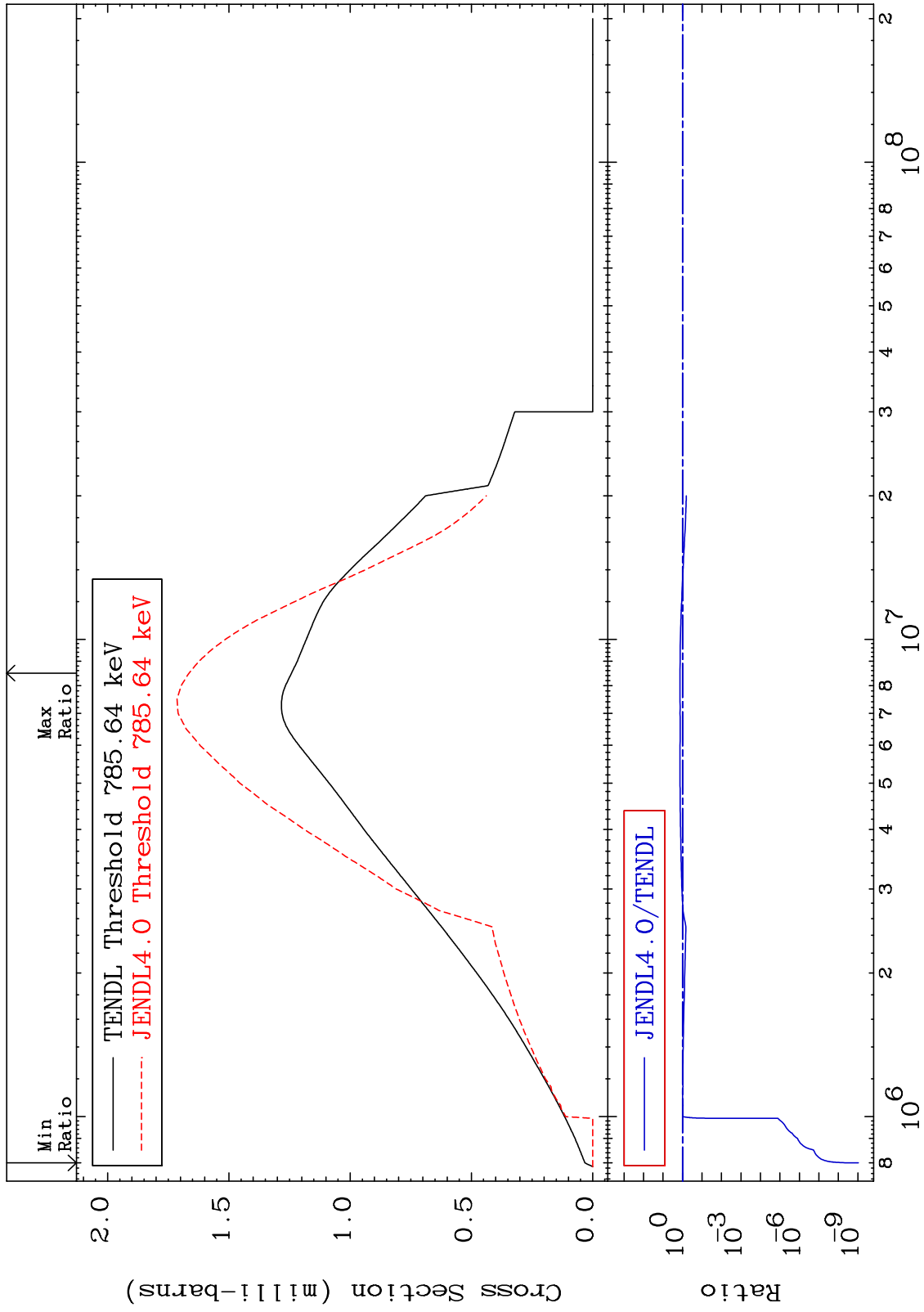
Incident Energy (eV)

92-U -236

MAT 9231

MT= 57 (n,n') Level
Cross Section

92-U -236
-100.0 To 34.07 %



18

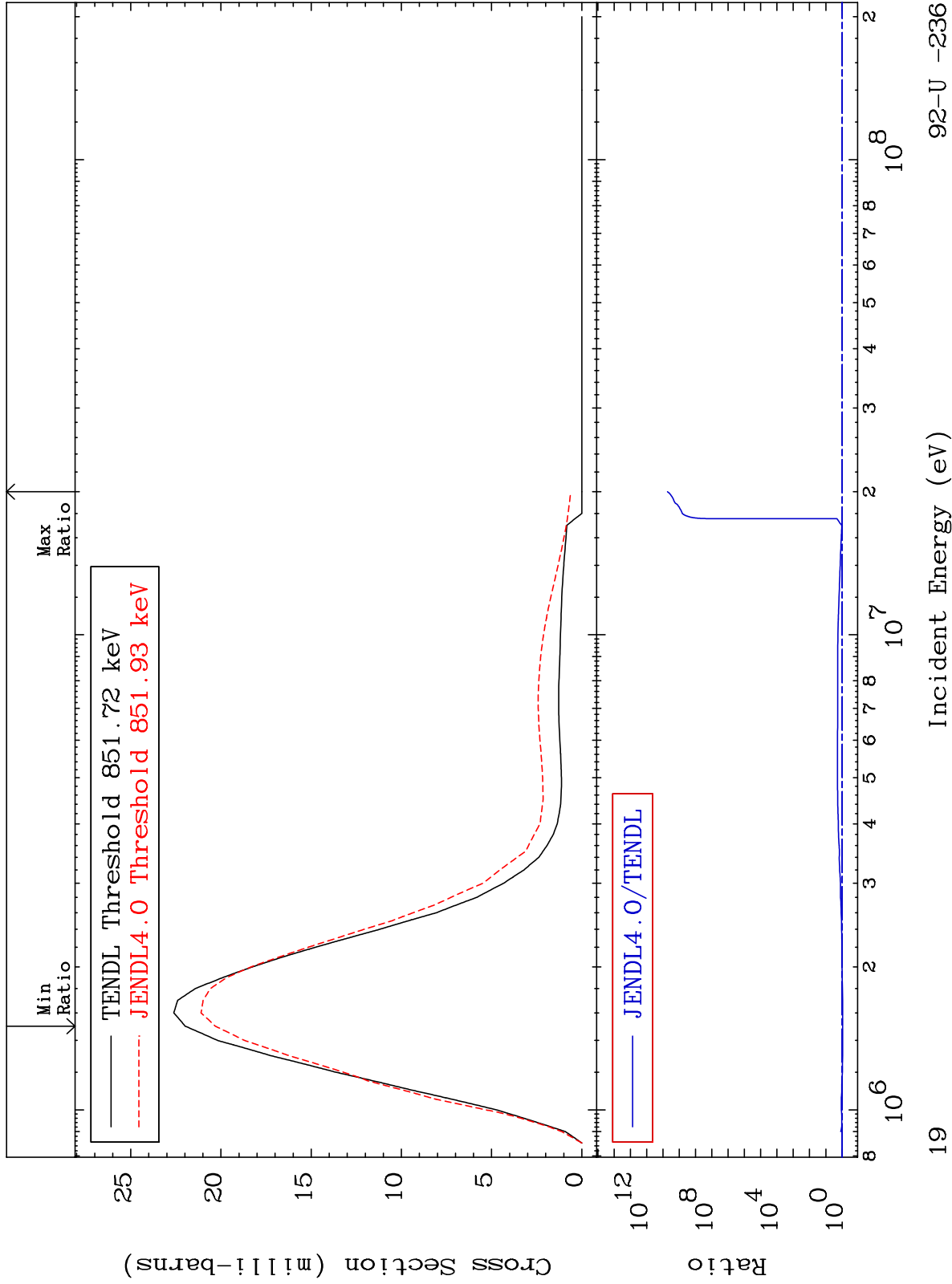
Incident Energy (eV)

92-U -236

MAT 9231

MT= 58 (n,n') Level
Cross Section

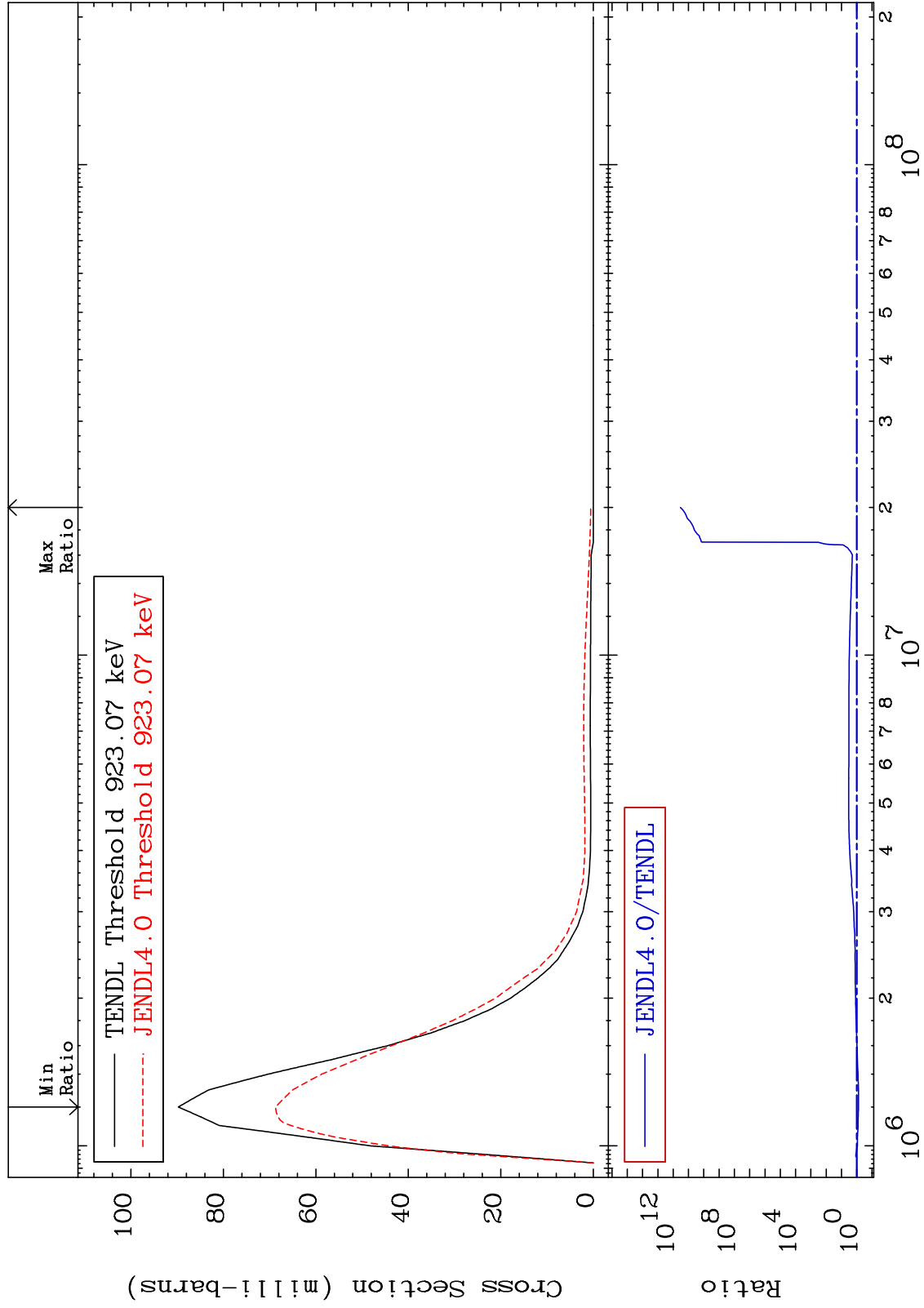
92-U -236
-7.593 To 9999. %



MAT 9231

MT= 59 (n,n') Level
Cross Section

92-U -236
-23.41 To 9999. %

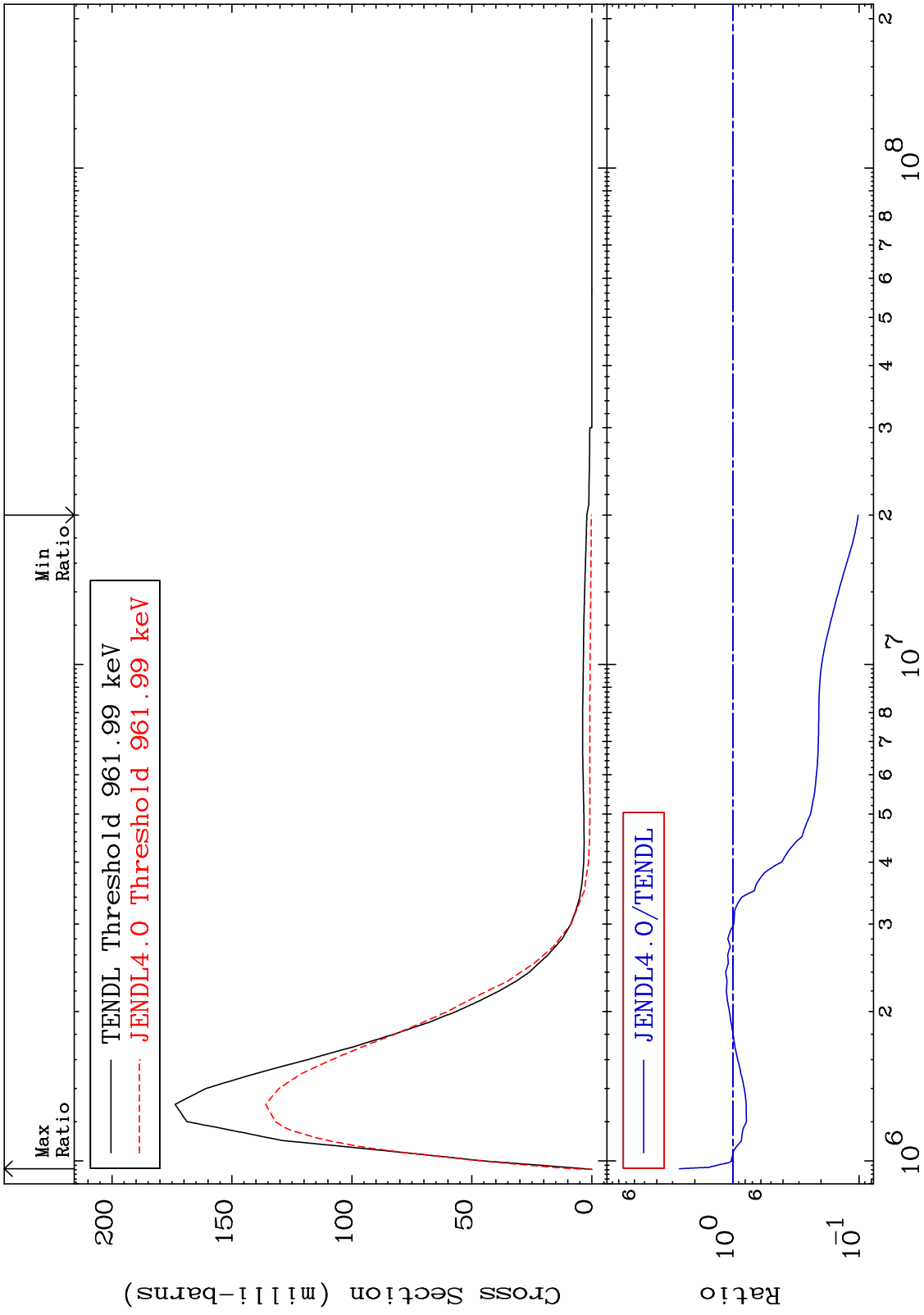


20 10⁶ 10⁷ 10⁸ 2 92-U -236

MAT 9231

MT= 60 (n,n') Level
Cross Section

92-U -236
-89.85 To 165.1 %



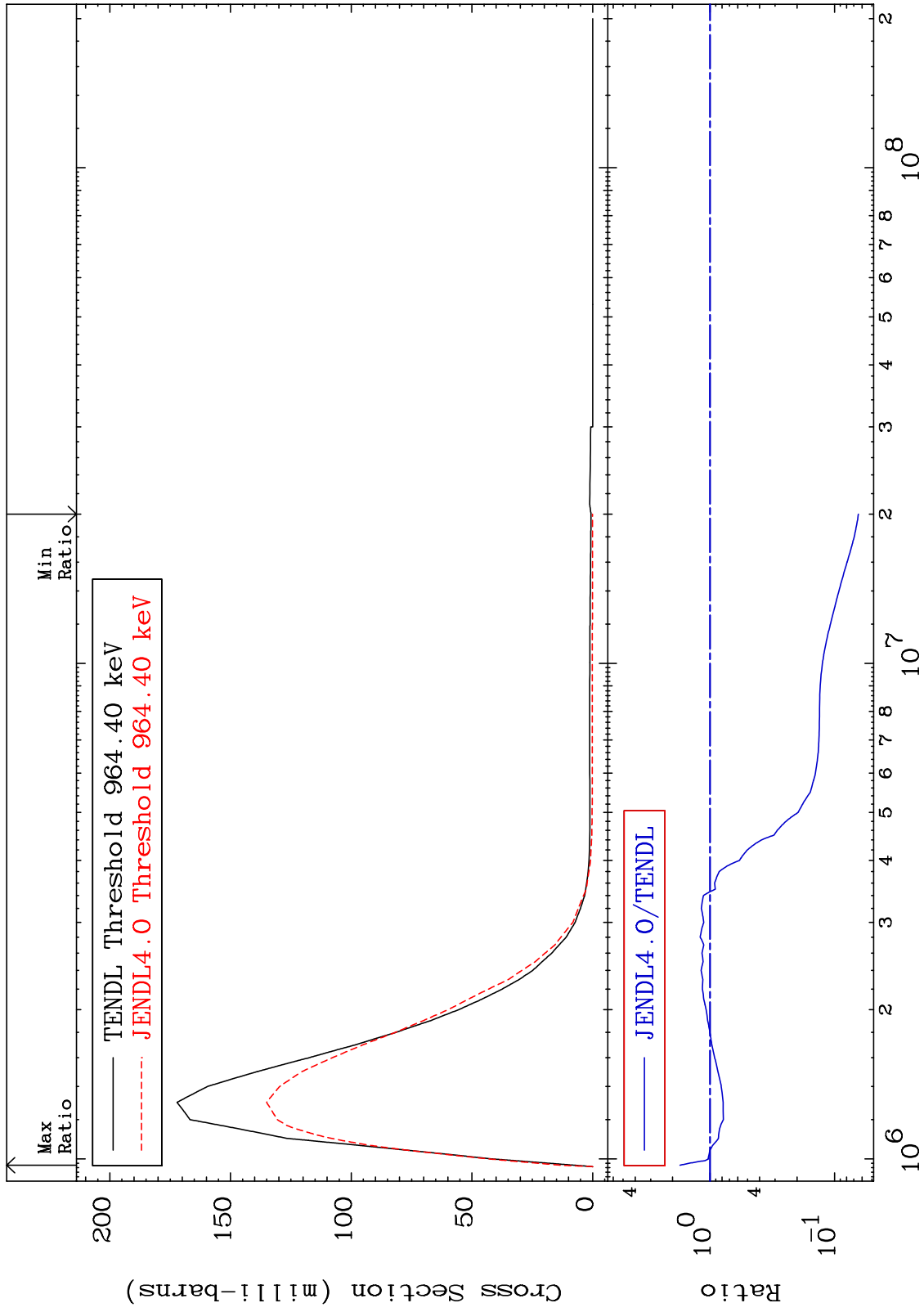
21

92-U -236

MAT 9231

MT= 61 (n,n') Level
Cross Section

92-U -236
-93.58 To 74.44 %



Incident Energy (eV)

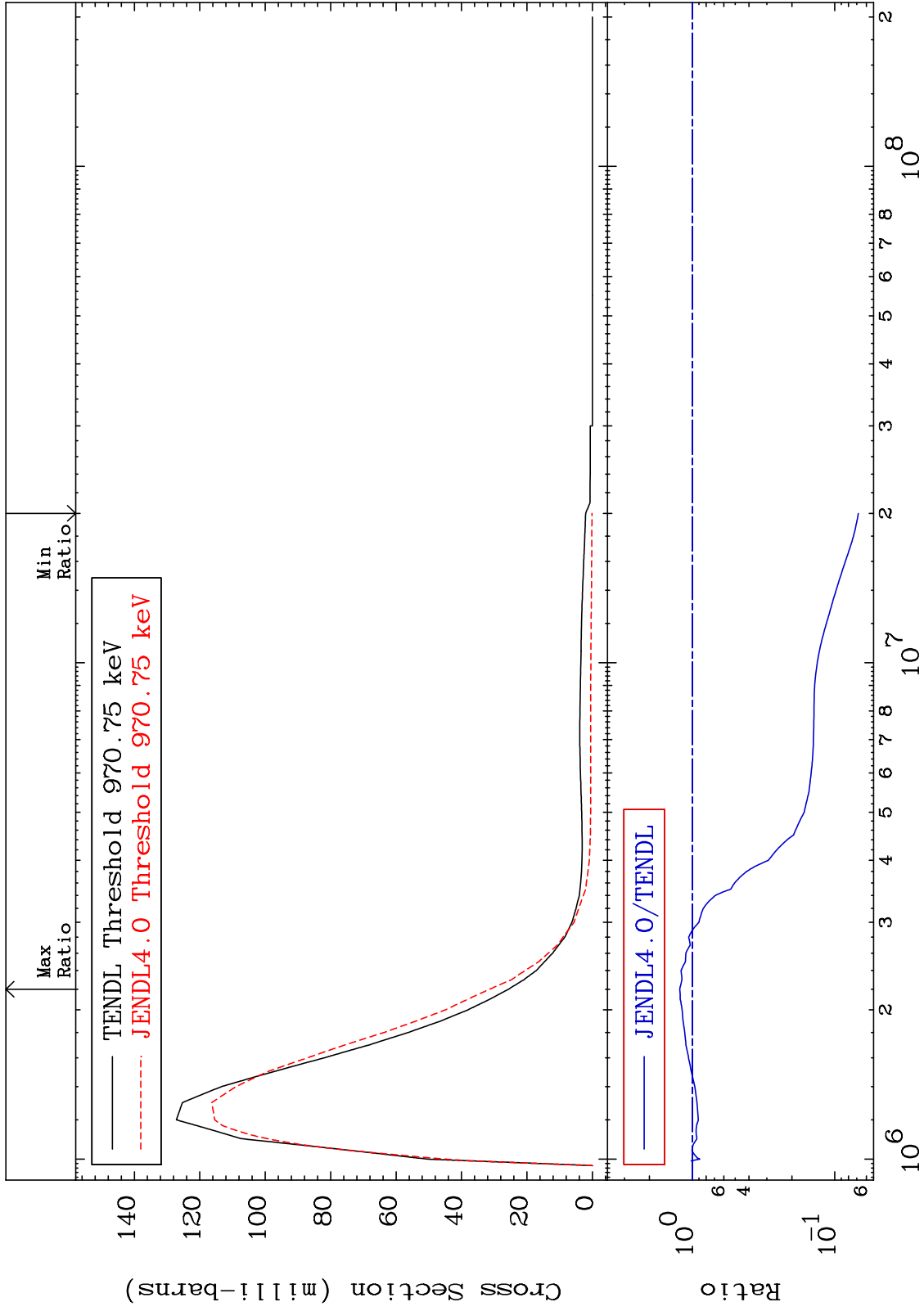
92-U -236

22

MAT 9231

MT= 62 (n,n') Level
Cross Section

92-U -236
-93.18 To 22.48 %



23

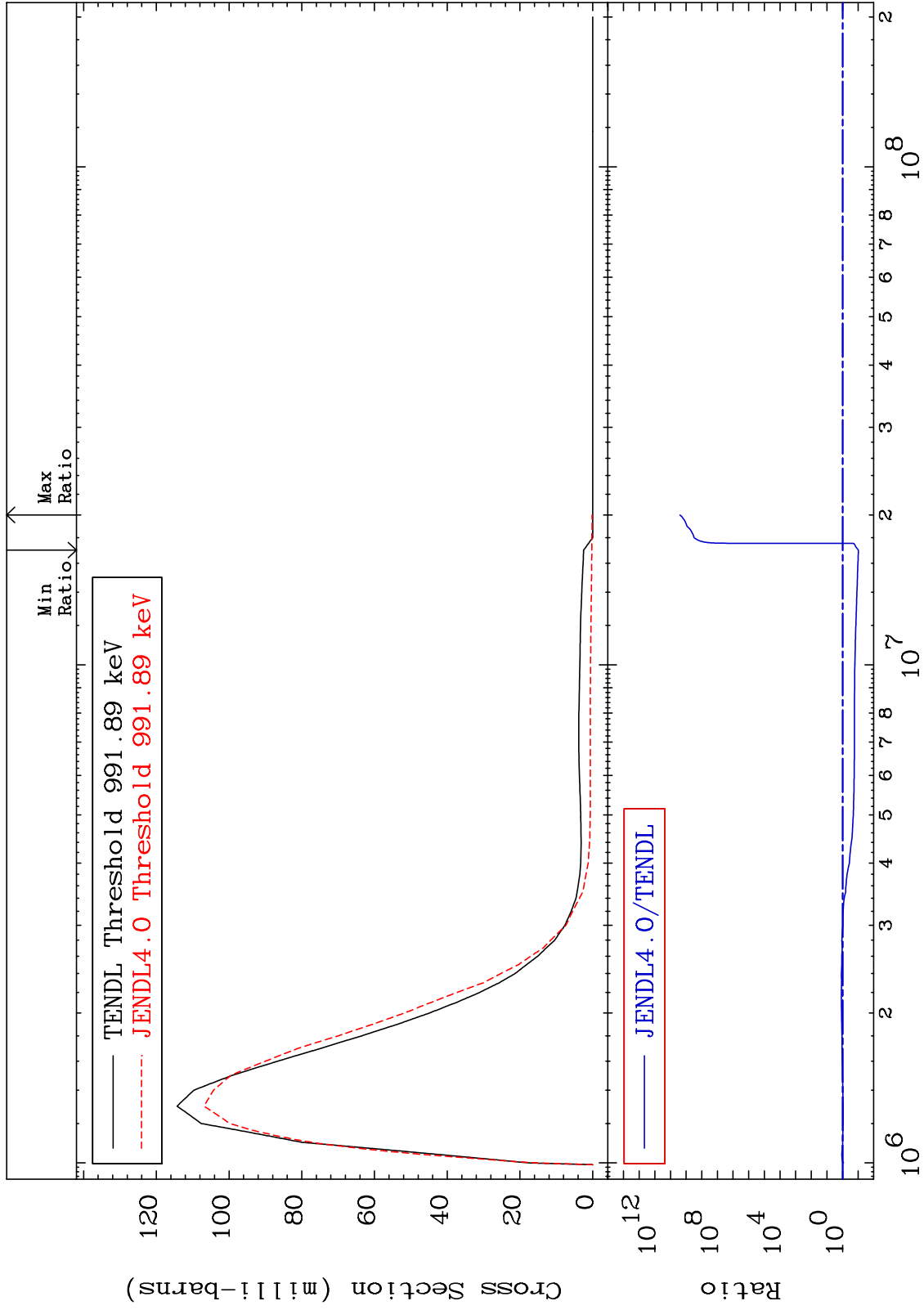
Incident Energy (eV)

92-U -236

MAT 9231

MT= 63 (n,n') Level
Cross Section

92-U -236
-90.30 To 9999. %



24

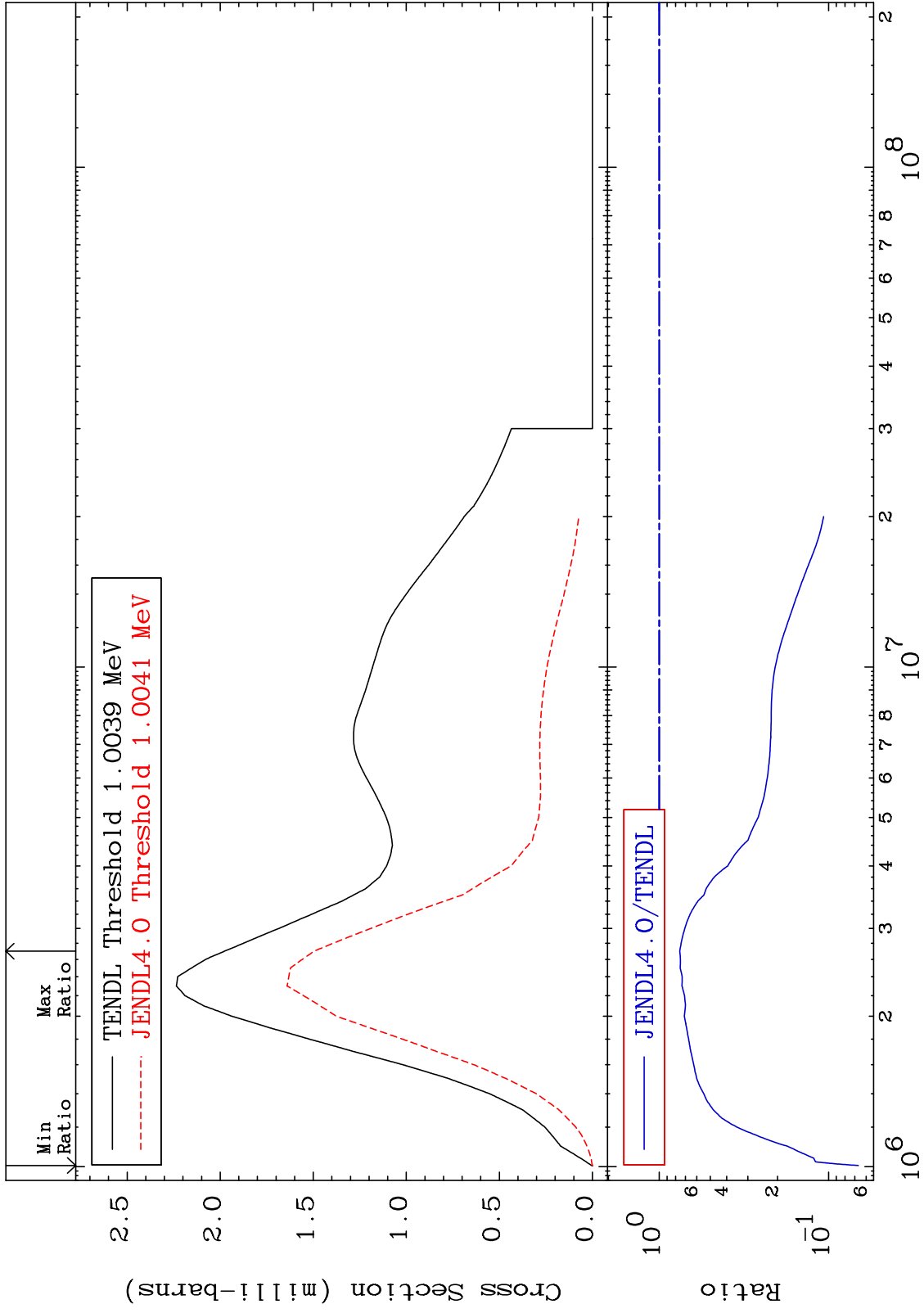
Incident Energy (eV)

92-U -236

MAT 9231

MT= 64 (n,n') Level
Cross Section

92-U -236
-93.33 To -24.36%



25

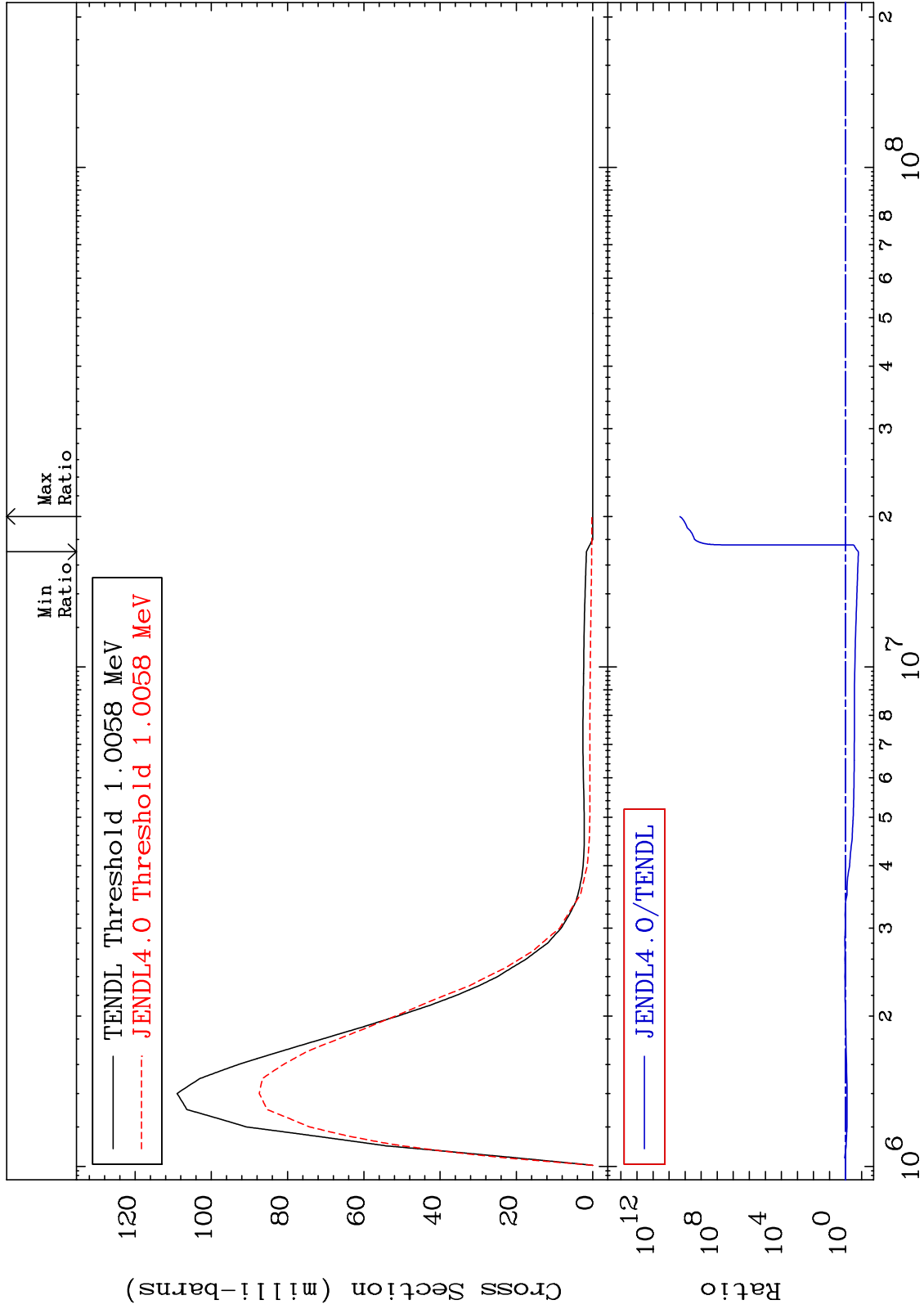
Incident Energy (eV)

92-U -236

MAT 9231

MT= 65 (n,n') Level
Cross Section

92-U -236
-84.10 To 9999. %



26

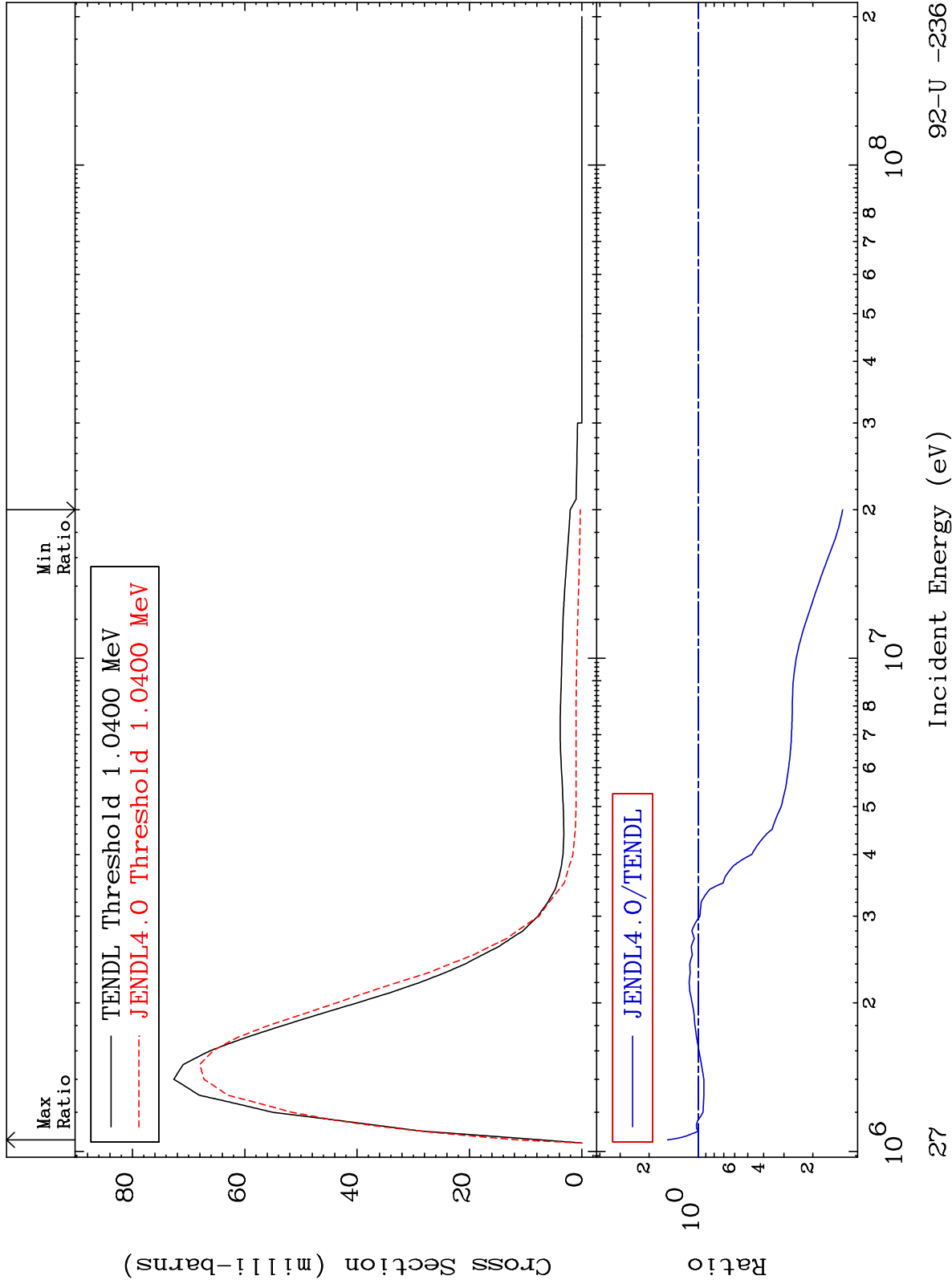
Incident Energy (eV)

92-U -236

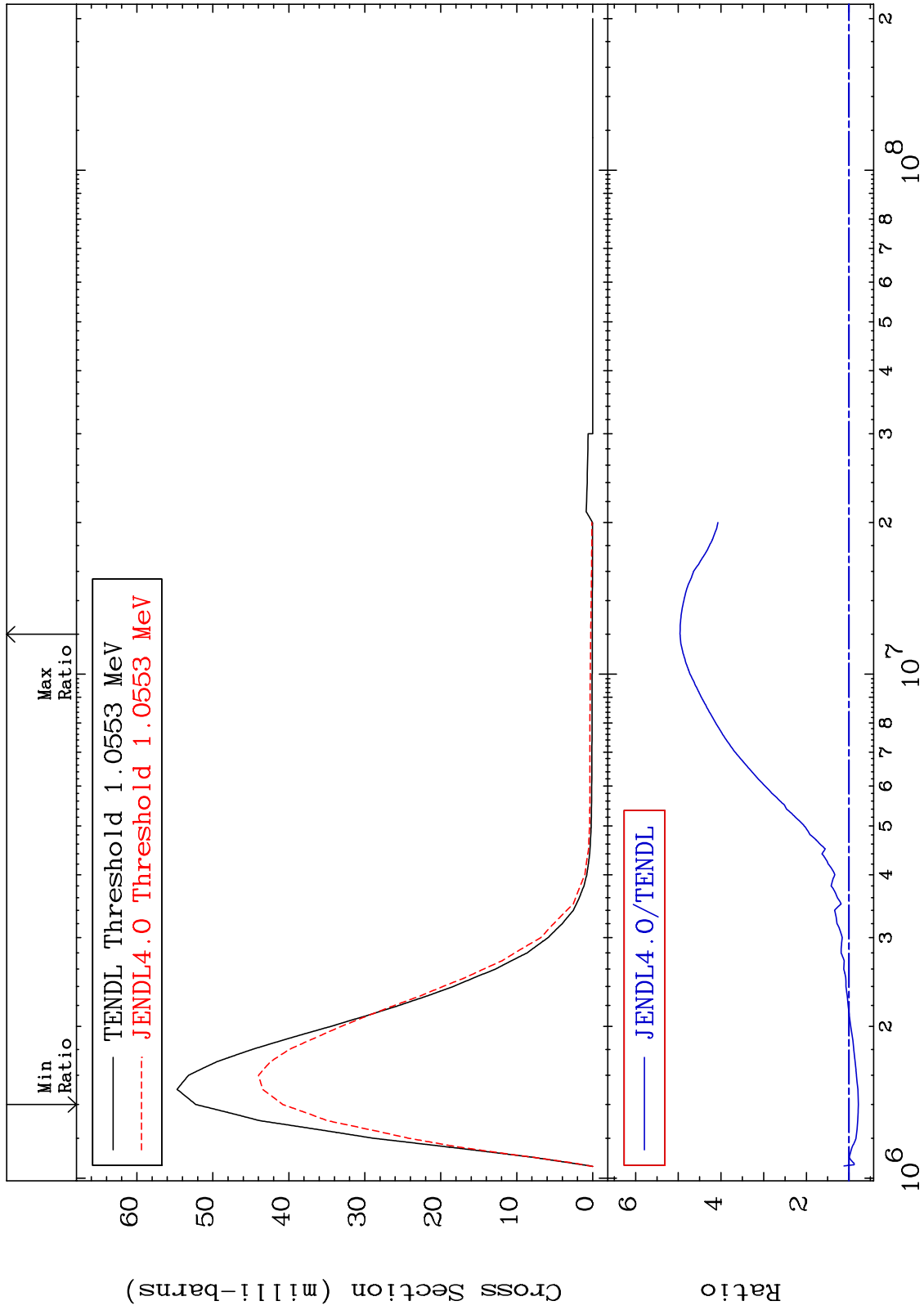
MAT 9231

MT= 66 (n,n') Level
Cross Section

92-U -236
-86.84 To 54.20 %



MAT 9231 MT= 67 (n,n') Level
Cross Section 92-U -236
-21.92 To 396.0 %



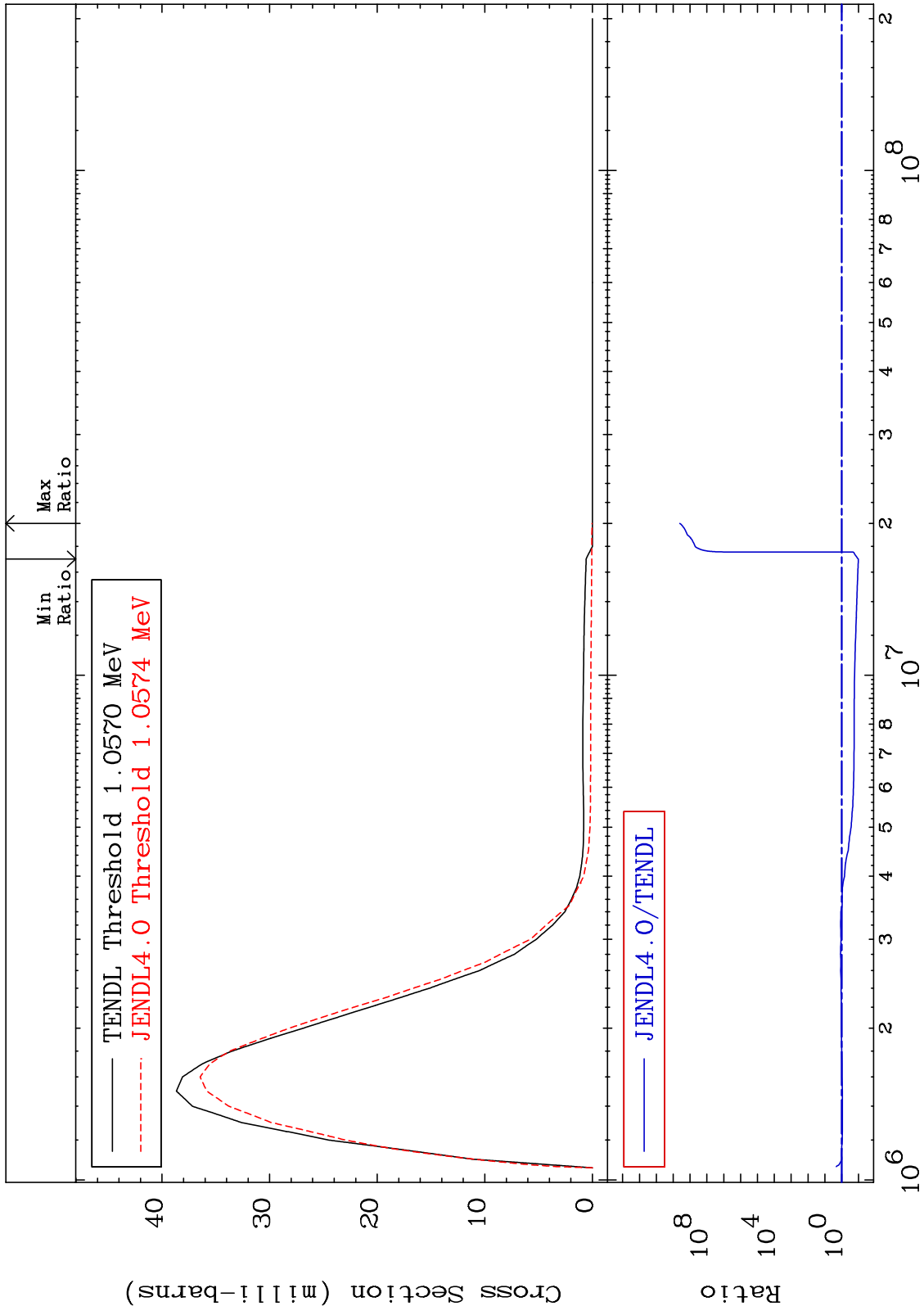
Incident Energy (eV) 92-U -236

28

MAT 9231

MT= 68 (n,n') Level
Cross Section

92-U -236
-89.70 To 9999. %



29

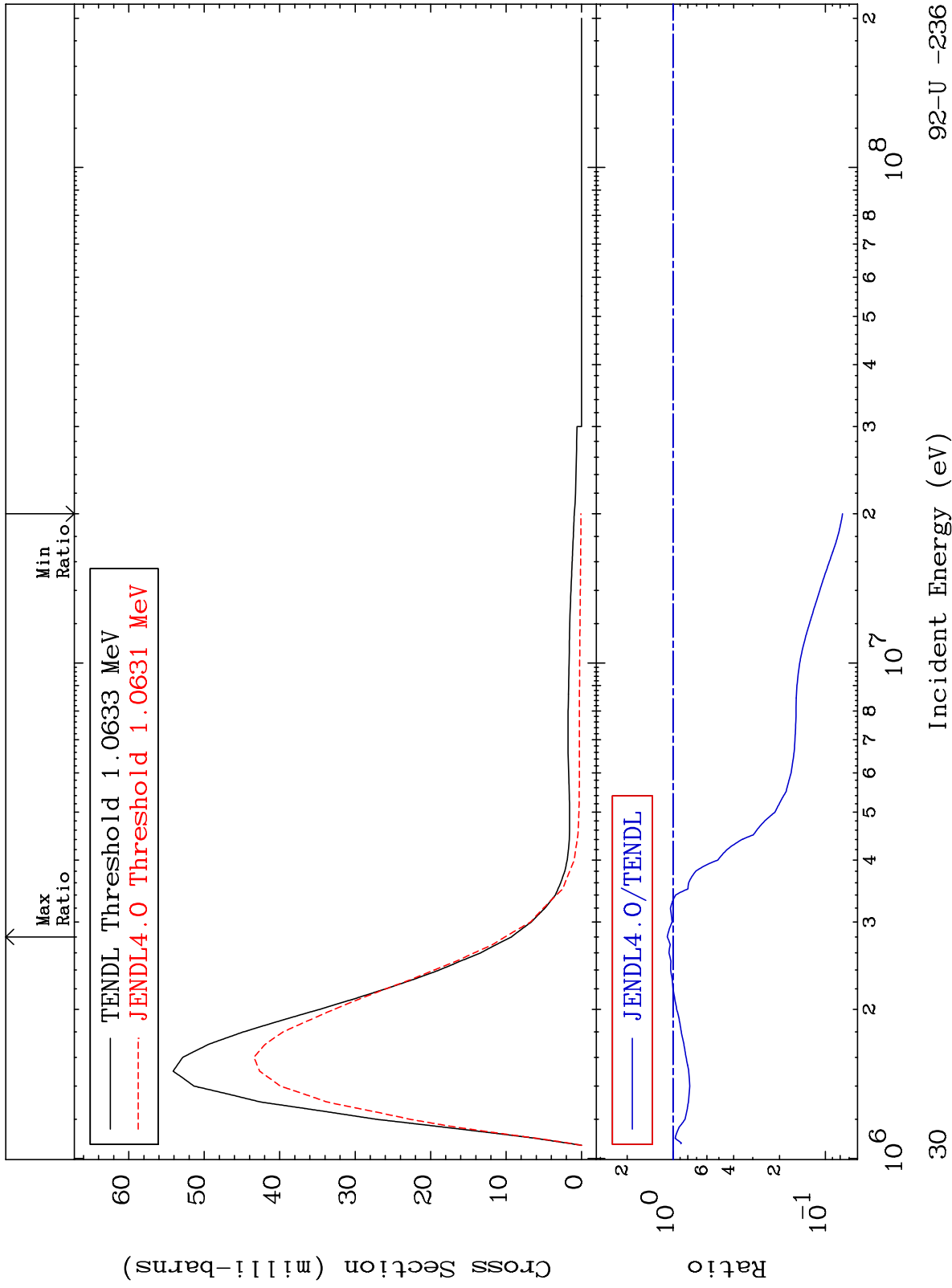
Incident Energy (eV)

92-U -236

MAT 9231

MT= 69 (n,n') Level
Cross Section

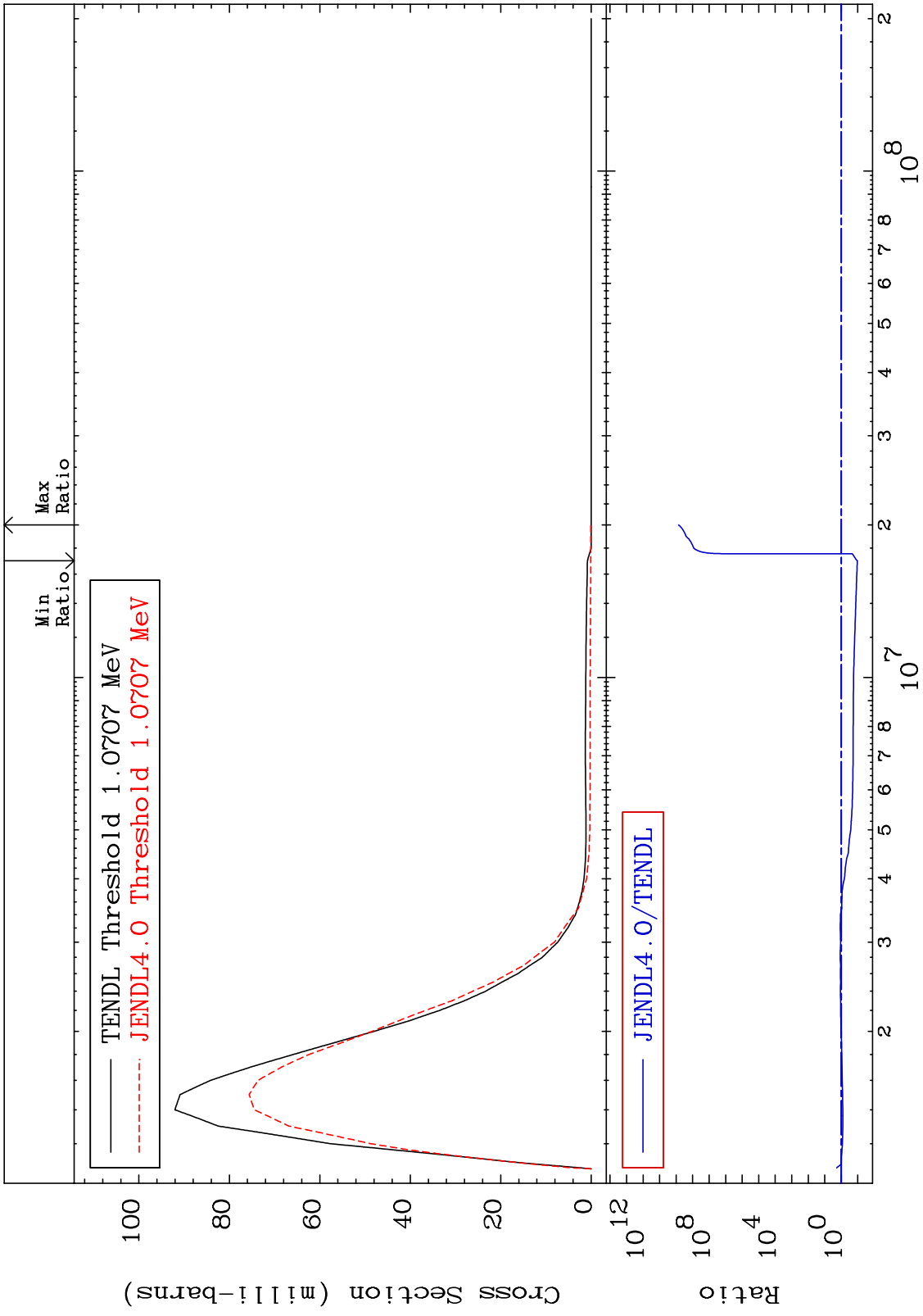
92-U -236
-92.28 To 9.008 %



MAT 9231

MT= 70 (n,n') Level
Cross Section

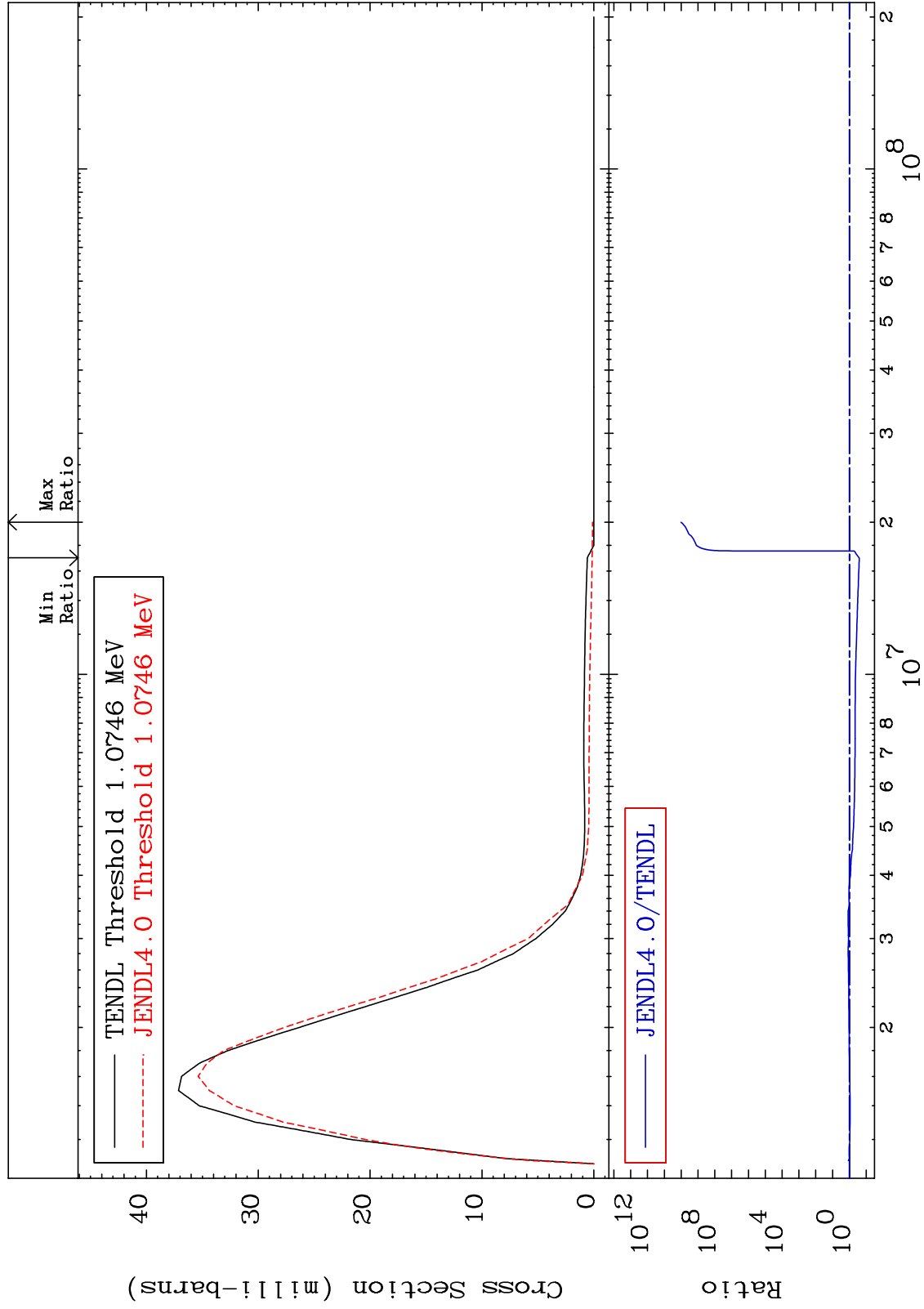
92-U -236
-89.30 To 9999. %



MAT 9231

MT= 71 (n,n') Level
Cross Section

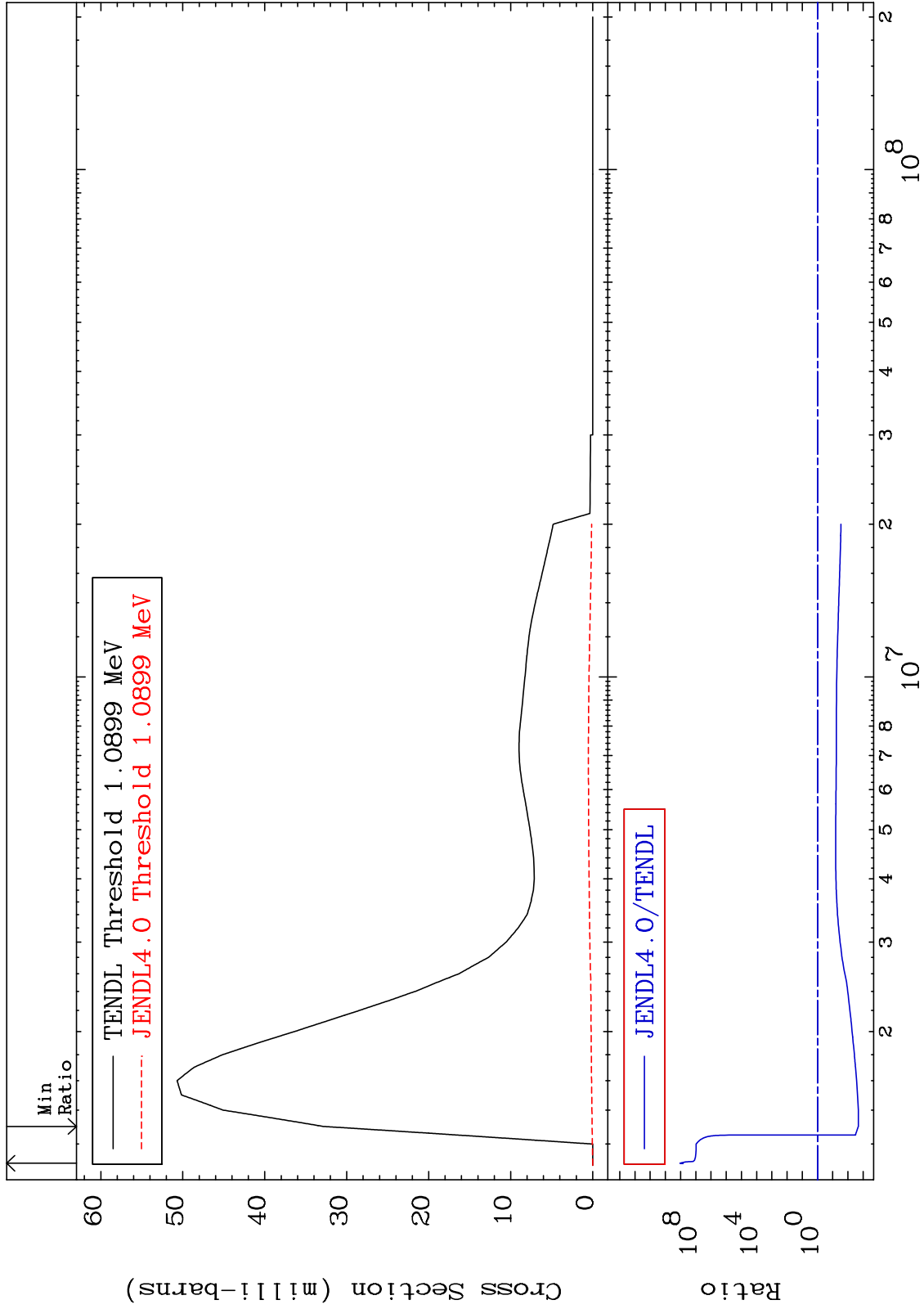
92-U -236
-74.15 To 9999. %



MAT 9231

MT= 72 (n,n') Level
Cross Section

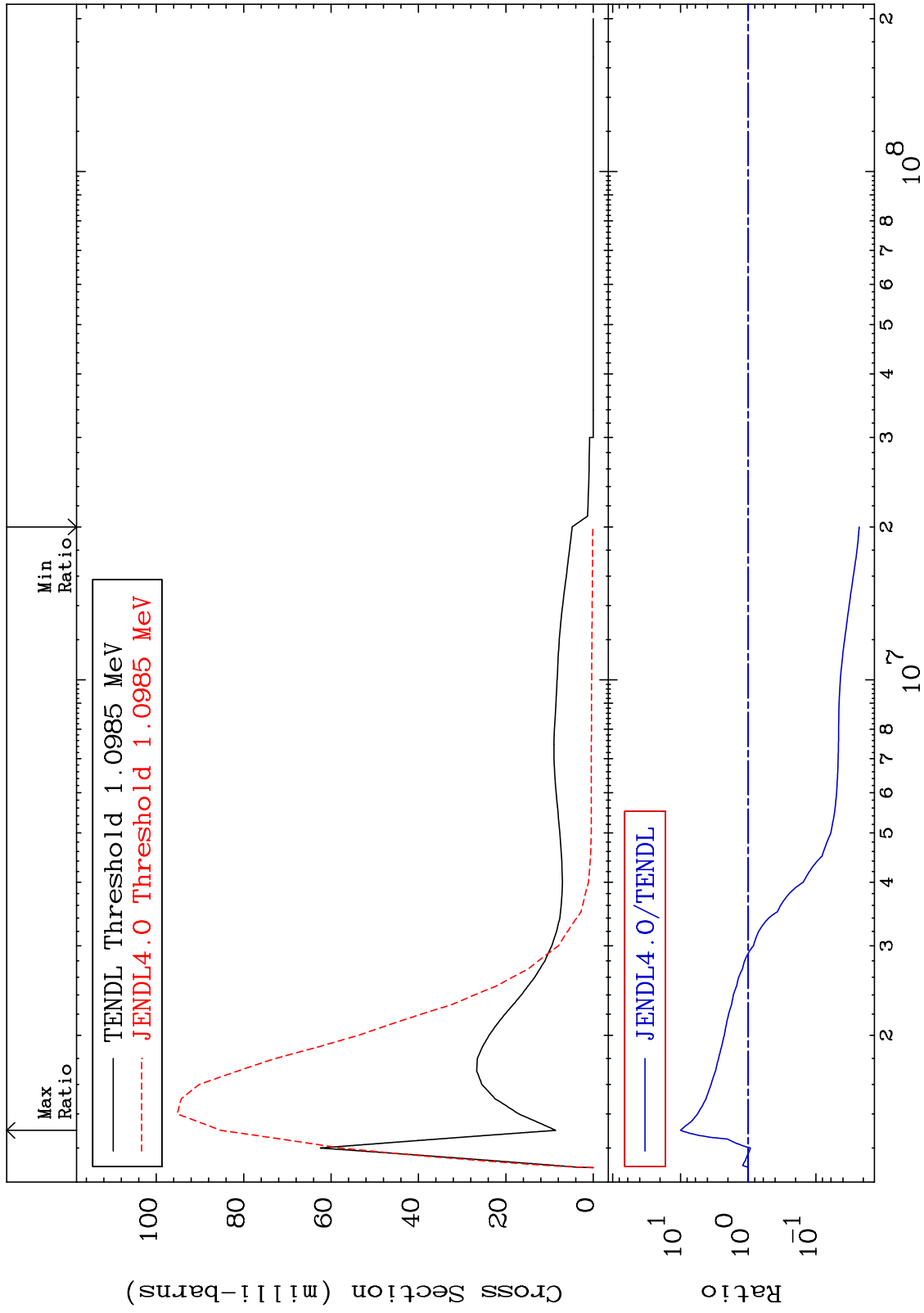
92-U -236
-99.80 To 9999. %



MAT 9231

MT= 73 (n,n') Level
Cross Section

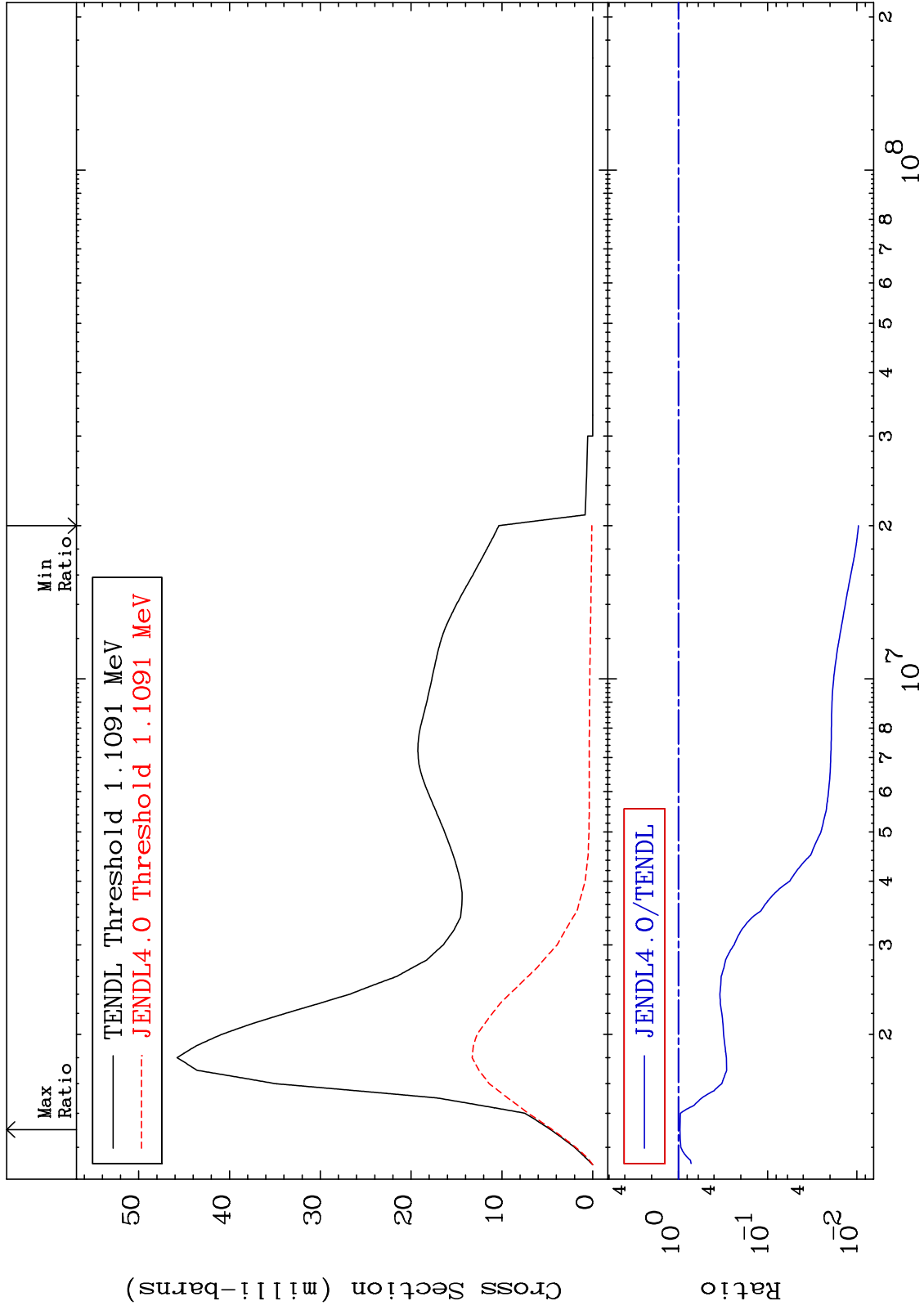
92-U -236
-97.70 To 895.1 %



MAT 9231

MT= 74 (n, n') Level
Cross Section

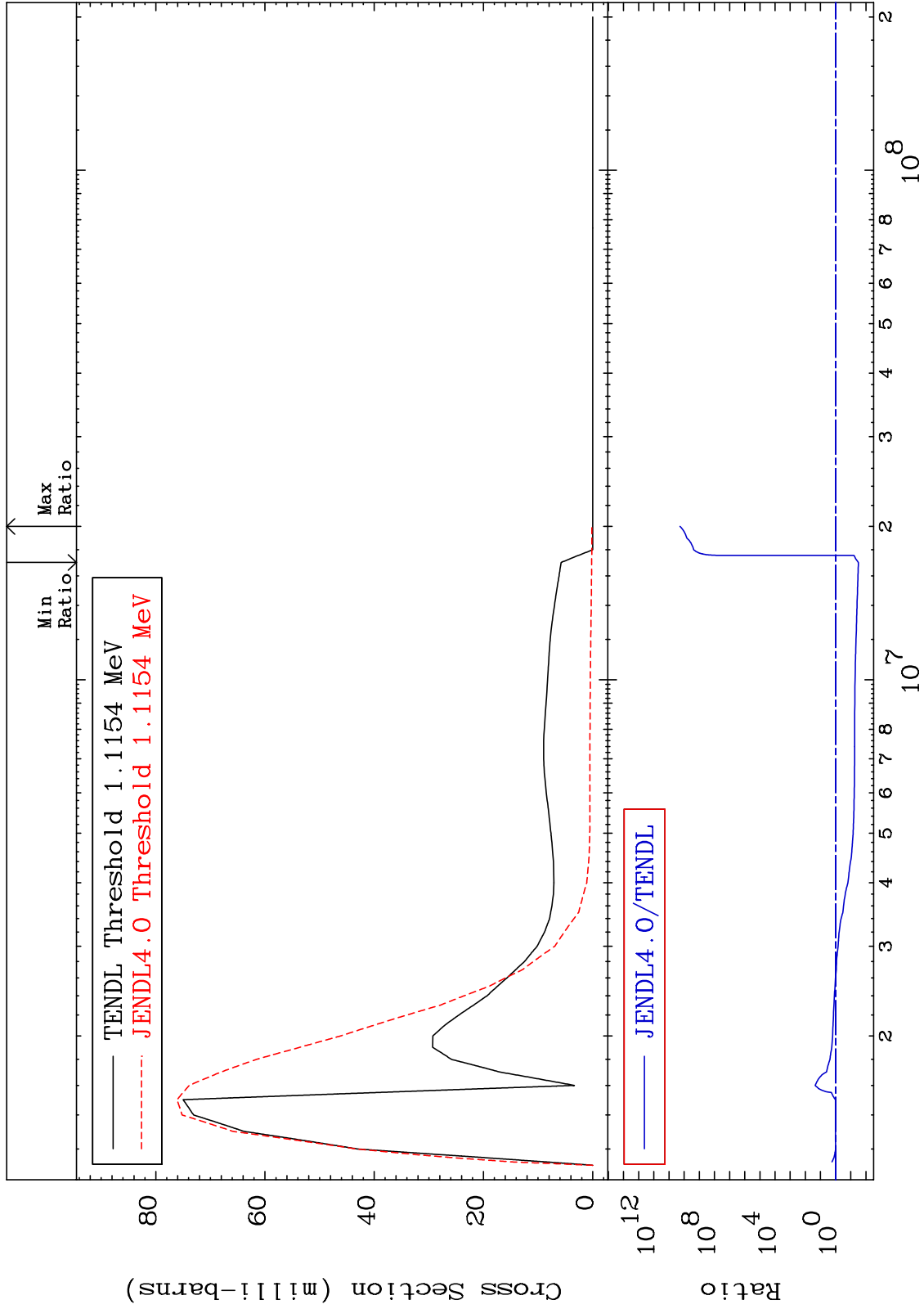
92-U -236
-99.04 To -4.027%



MAT 9231

MT= 75 (n,n') Level
Cross Section

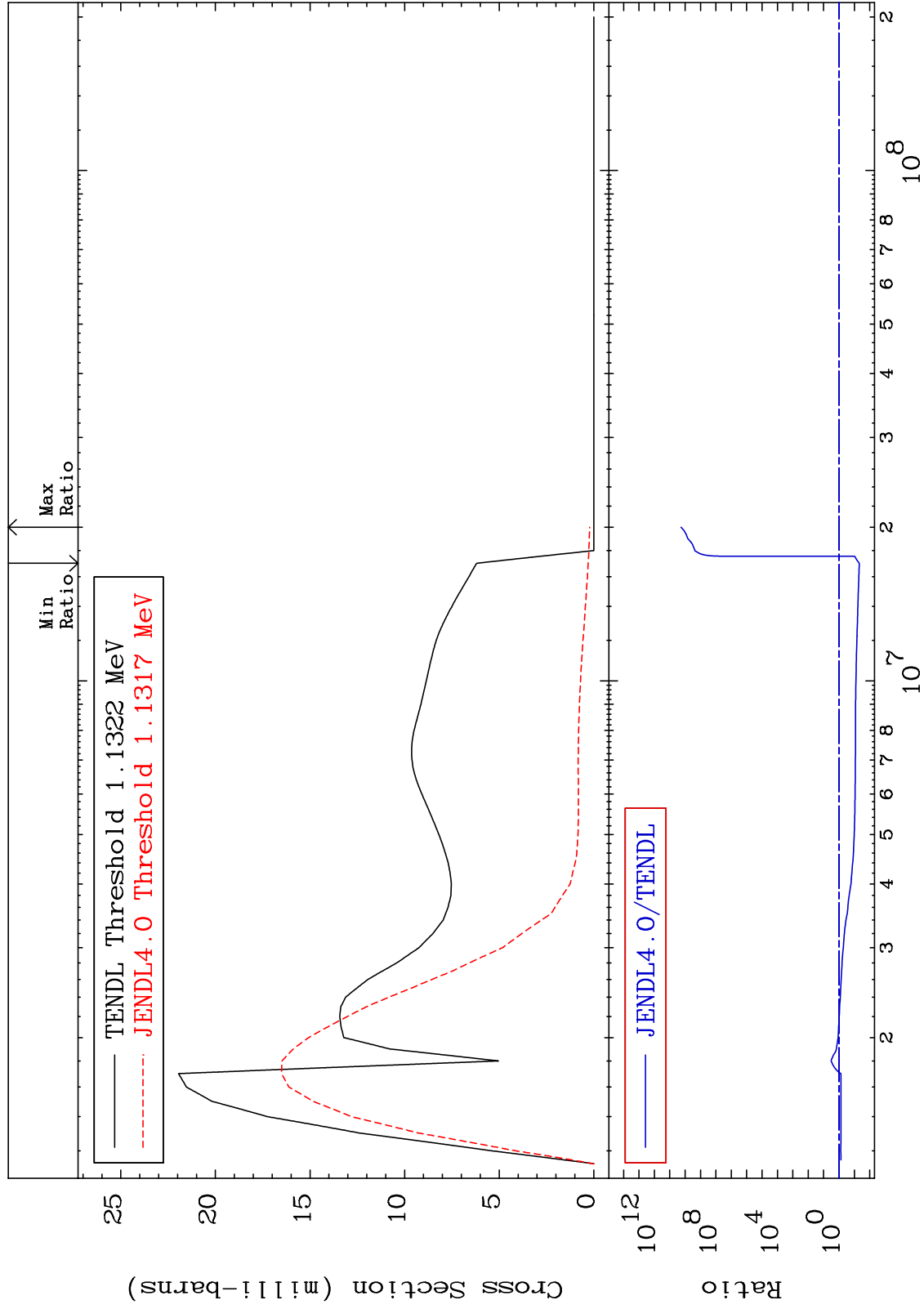
92-U -236
-96.86 To 9999. %



MAT 9231

MT= 76 (n,n') Level
Cross Section

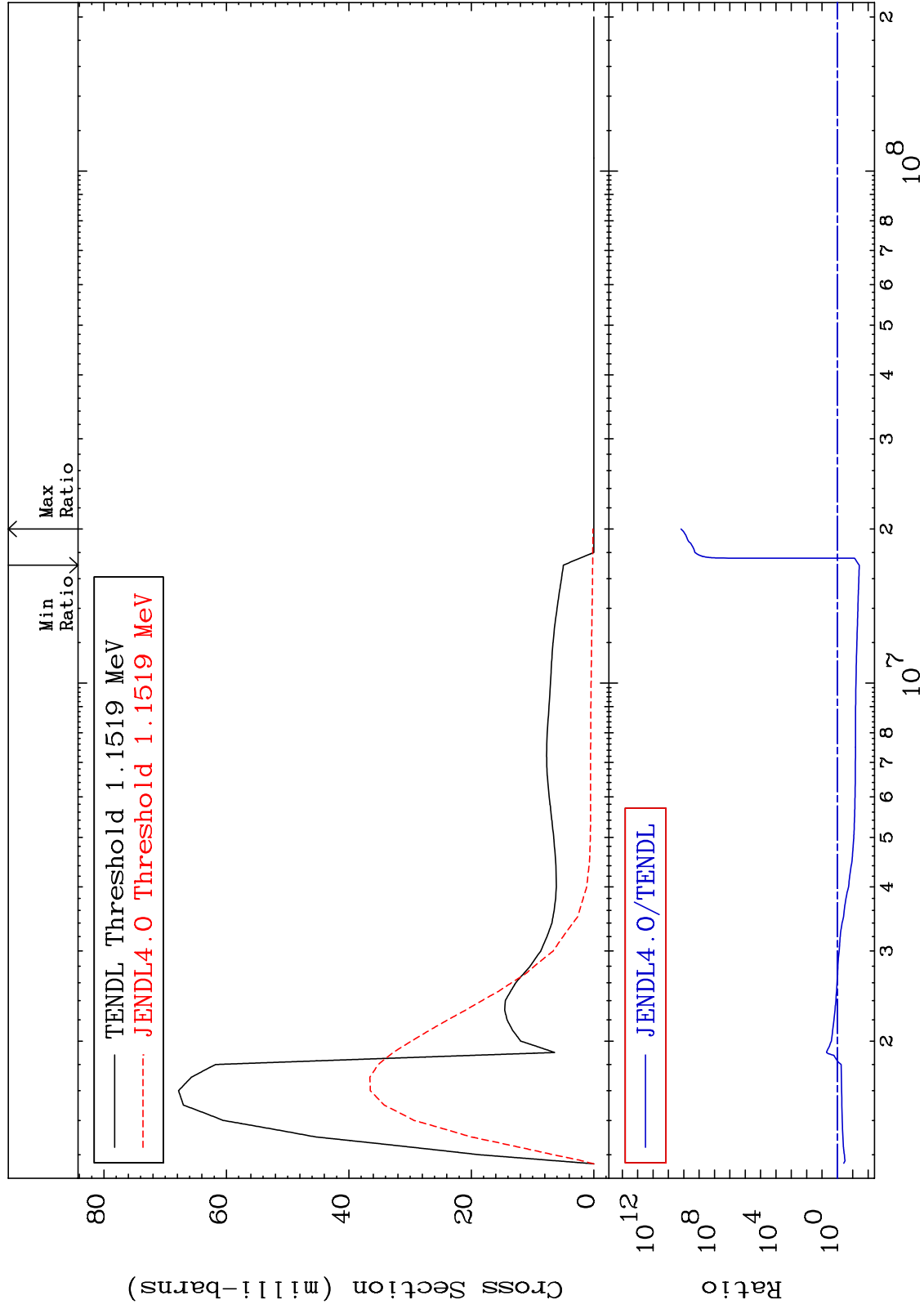
92-U -236
-95.21 To 9999. %



MAT 9231

MT= 77 (n,n') Level
Cross Section

92-U -236
-96.23 To 9999. %



38

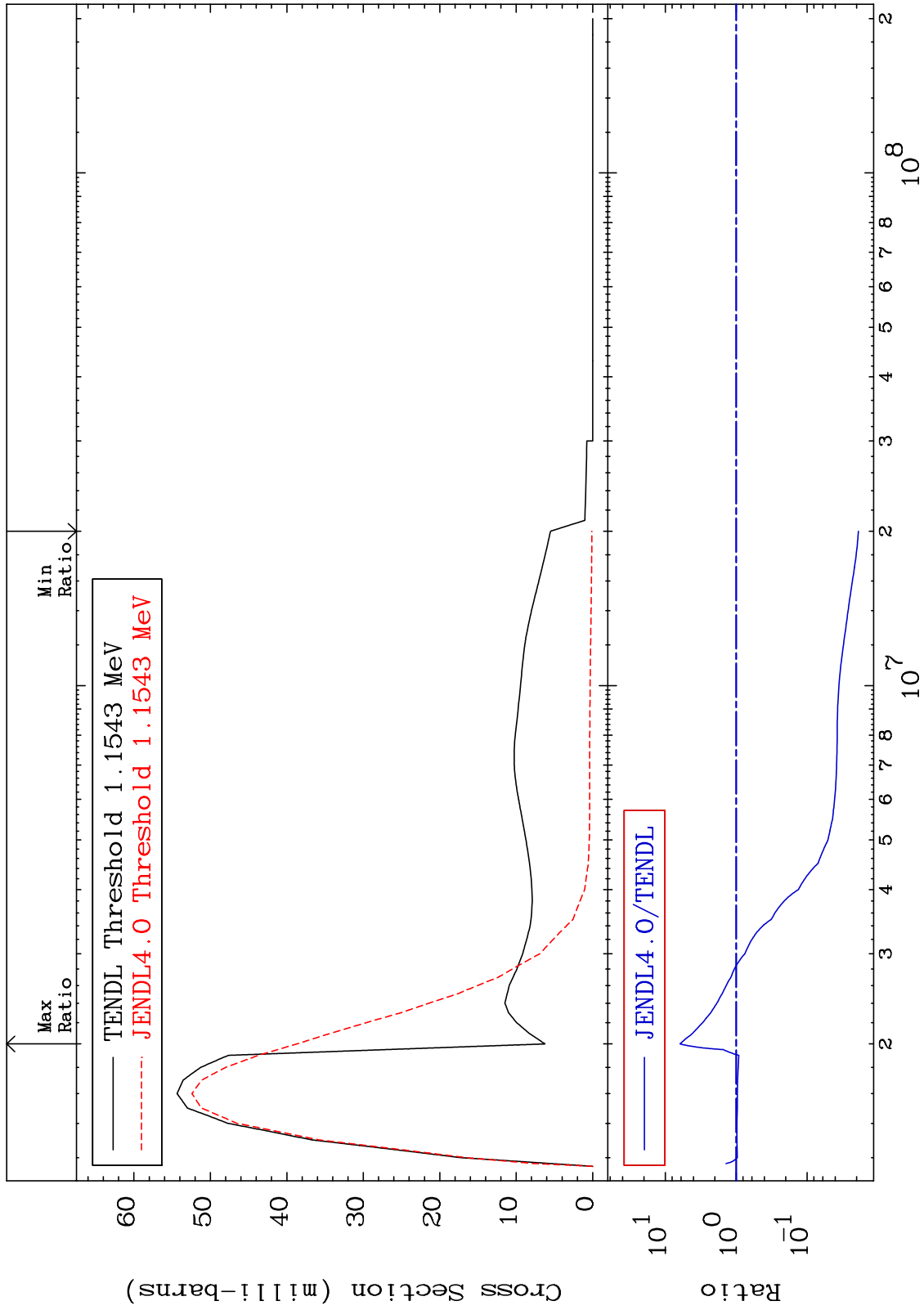
Incident Energy (eV)

92-U -236

MAT 9231

MT= 78 (n,n') Level
Cross Section

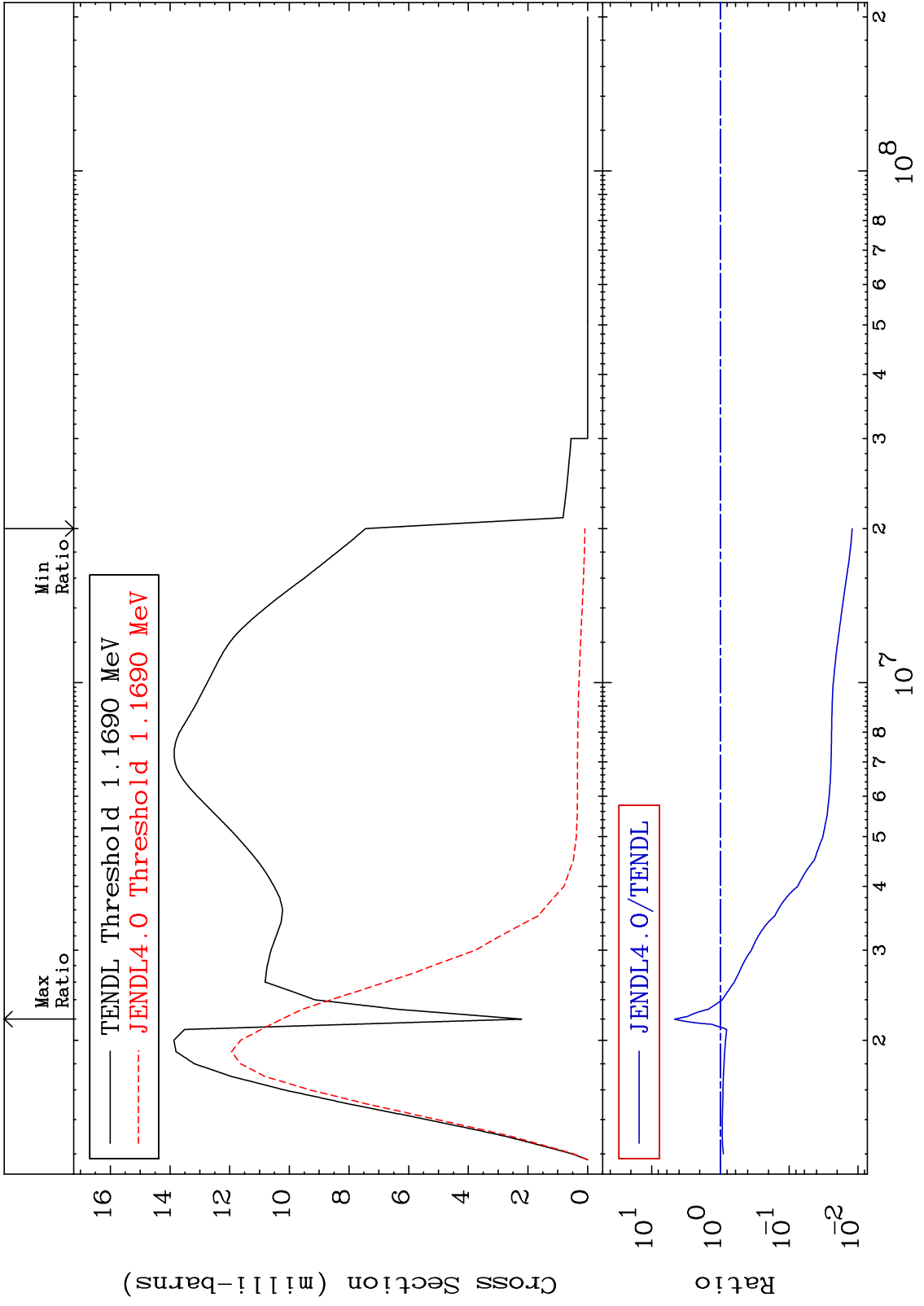
92-U -236
-98.12 To 519.6 %



MAT 9231

MT= 79 (n,n') Level
Cross Section

92-U -236
-98.79 To 363.4 %



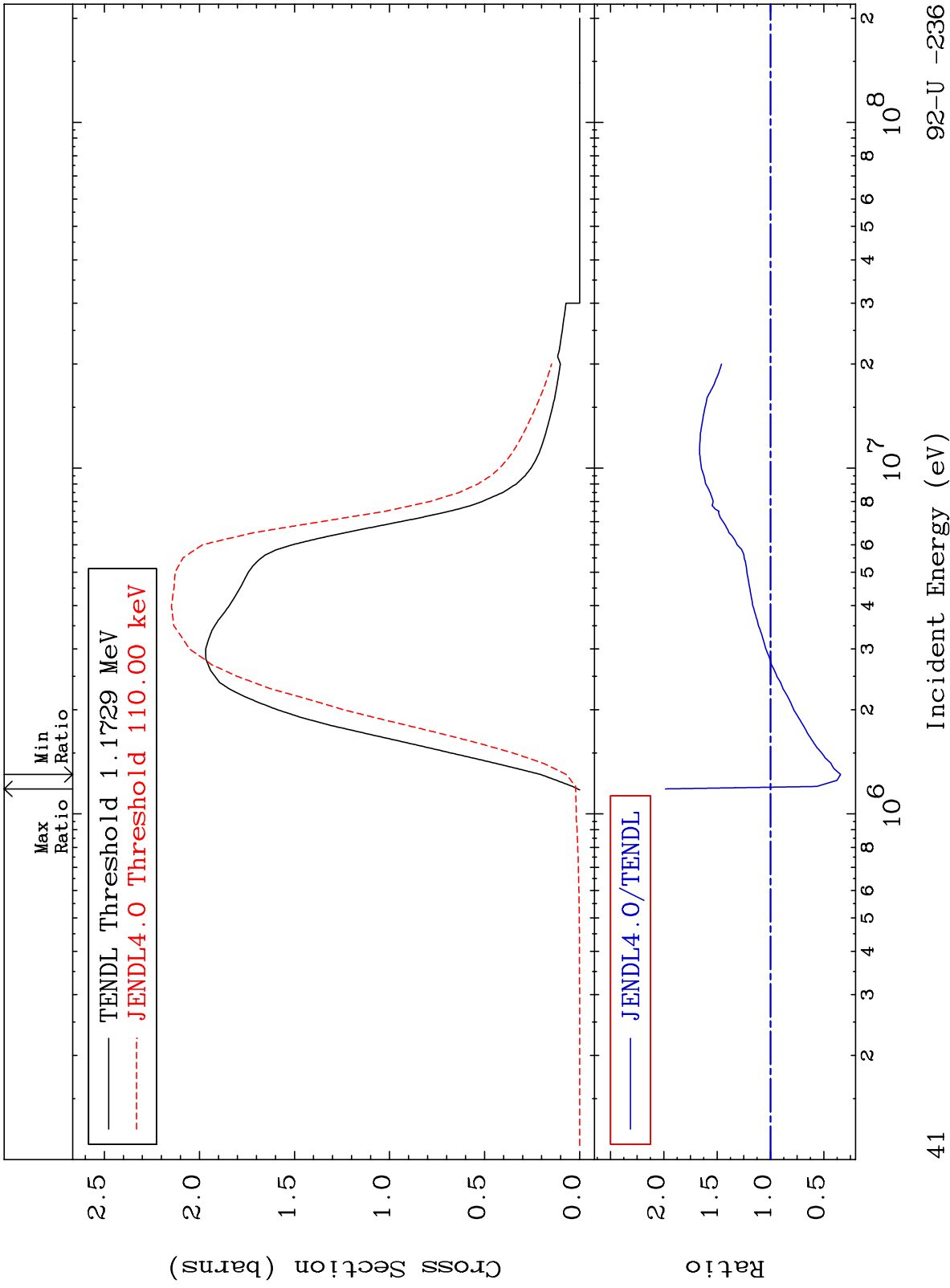
40

92-U -236

MAT 9231

(n,n') Continuum
Cross Section

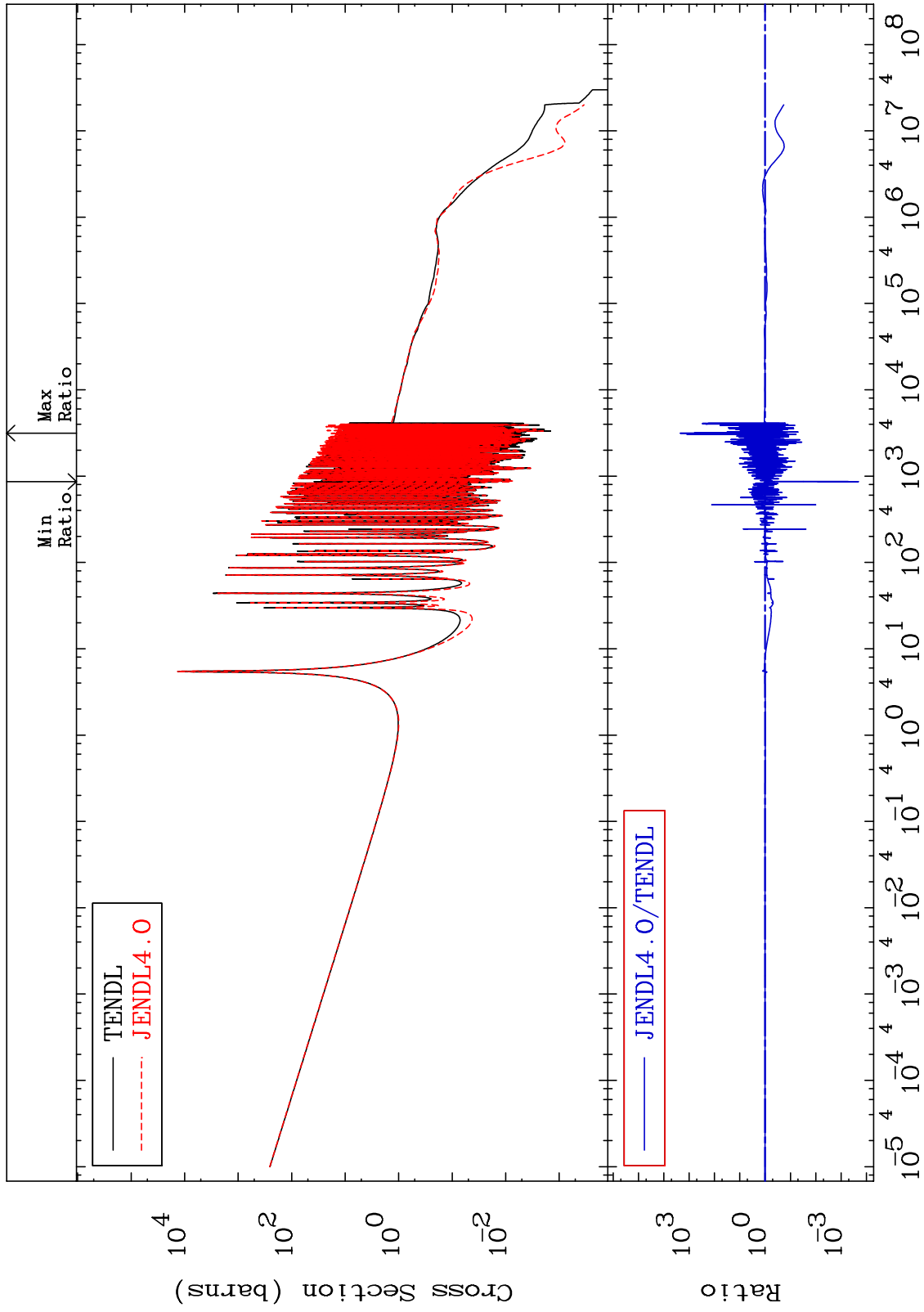
92-U -236
-65.79 To 98.47 %



MAT 9231

(n, γ)
Cross Section

92-U -236
-99.98 To 9999. %



42

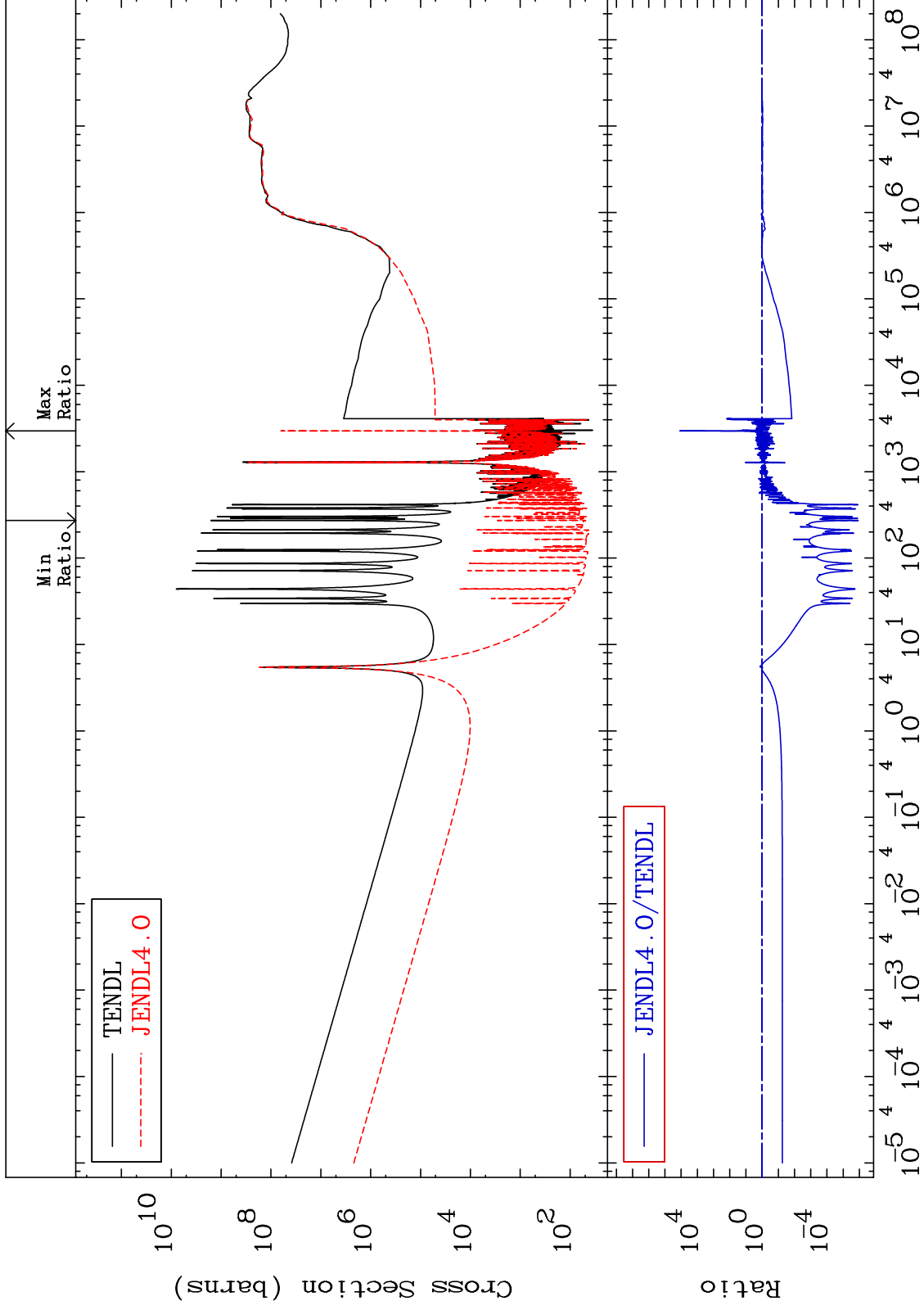
Incident Energy (eV)

92-U -236

MAT 9231

Kerma total (eV-barns)
Cross Section

92-U -236
-100.0 To 9999. %



43

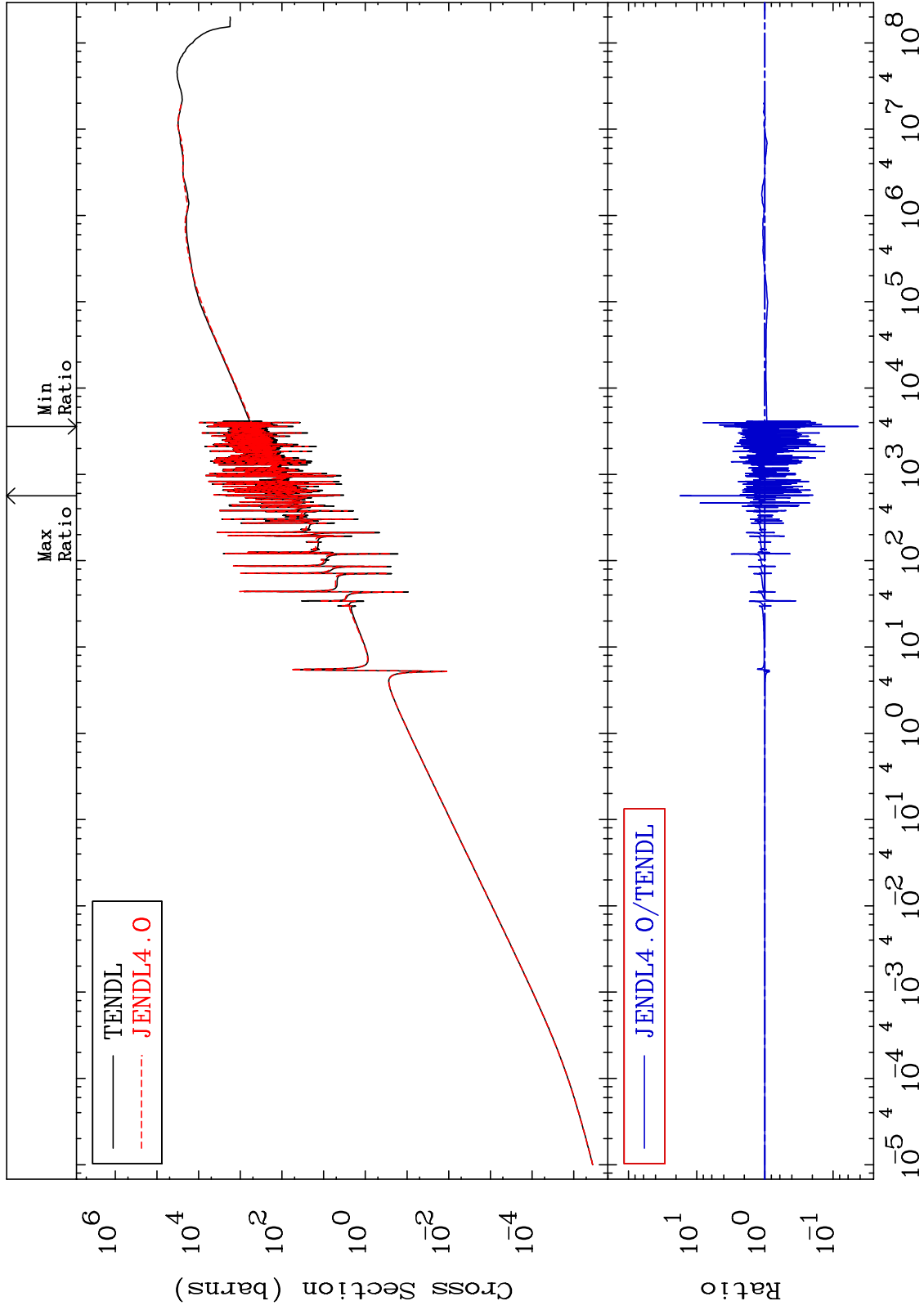
Incident Energy (eV)

92-U -236

MAT 9231

Kerma elastic
Cross Section

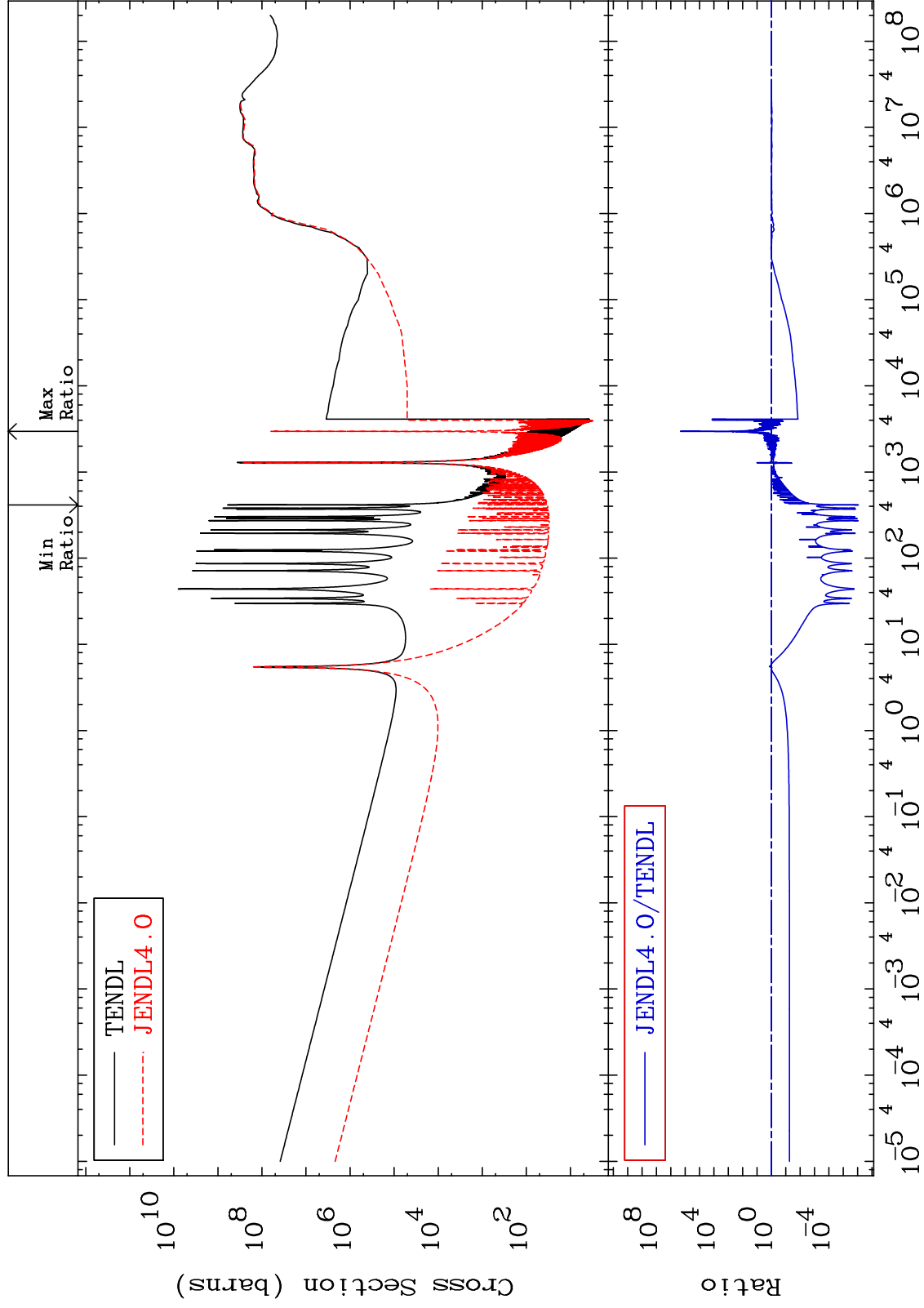
92-U -236
-95.77 To 1654. %



MAT 9231

Kerma non-elastic (all but mt2)
Cross Section

92-U -236
-100.0 To 9999. %



45

Incident Energy (eV)

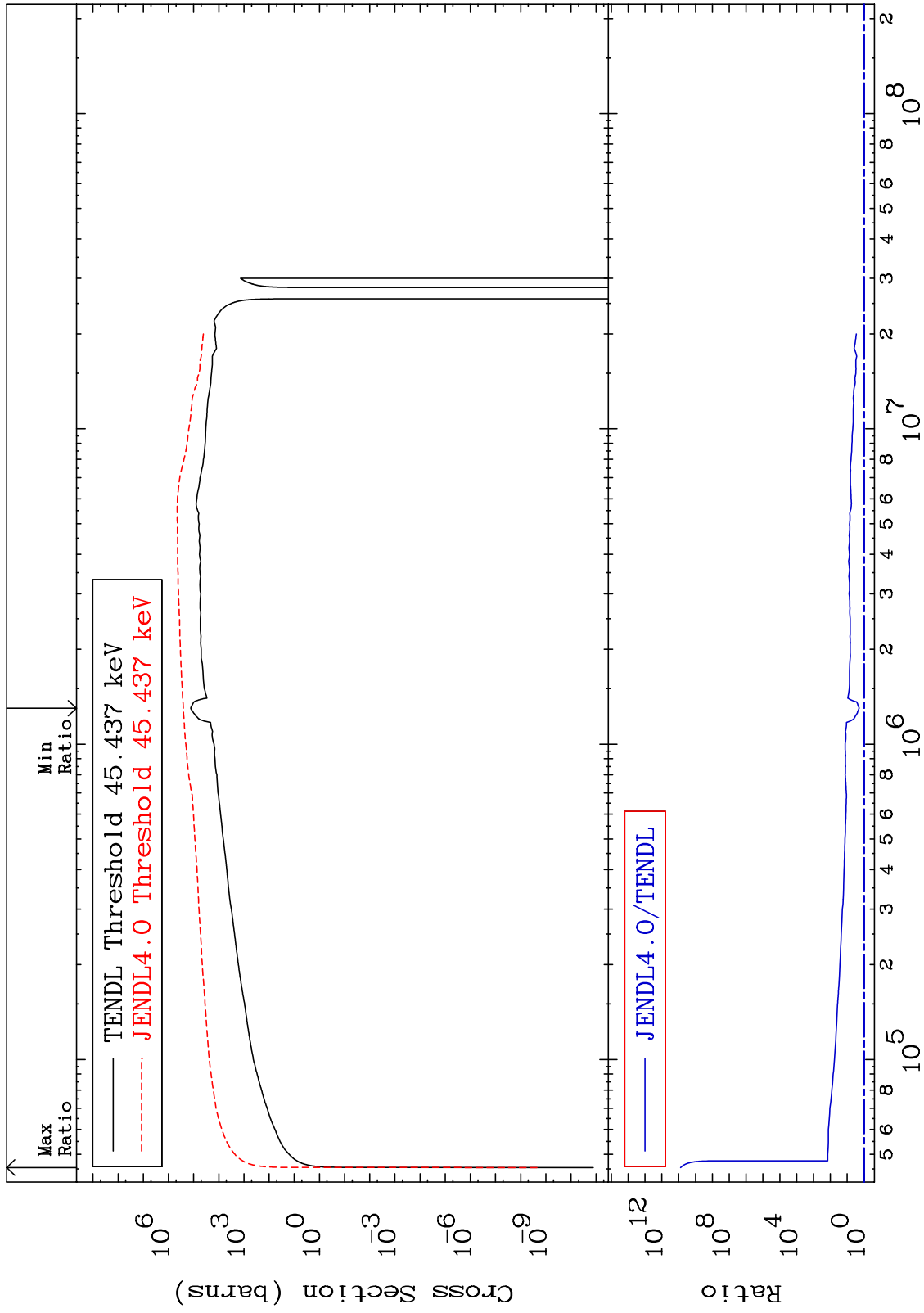
92-U -236

MAT 9231

Kerma inelastic (mt51-91)
Cross Section

95.47 To 9999. %

92-U -236



46

Incident Energy (eV)

92-U -236

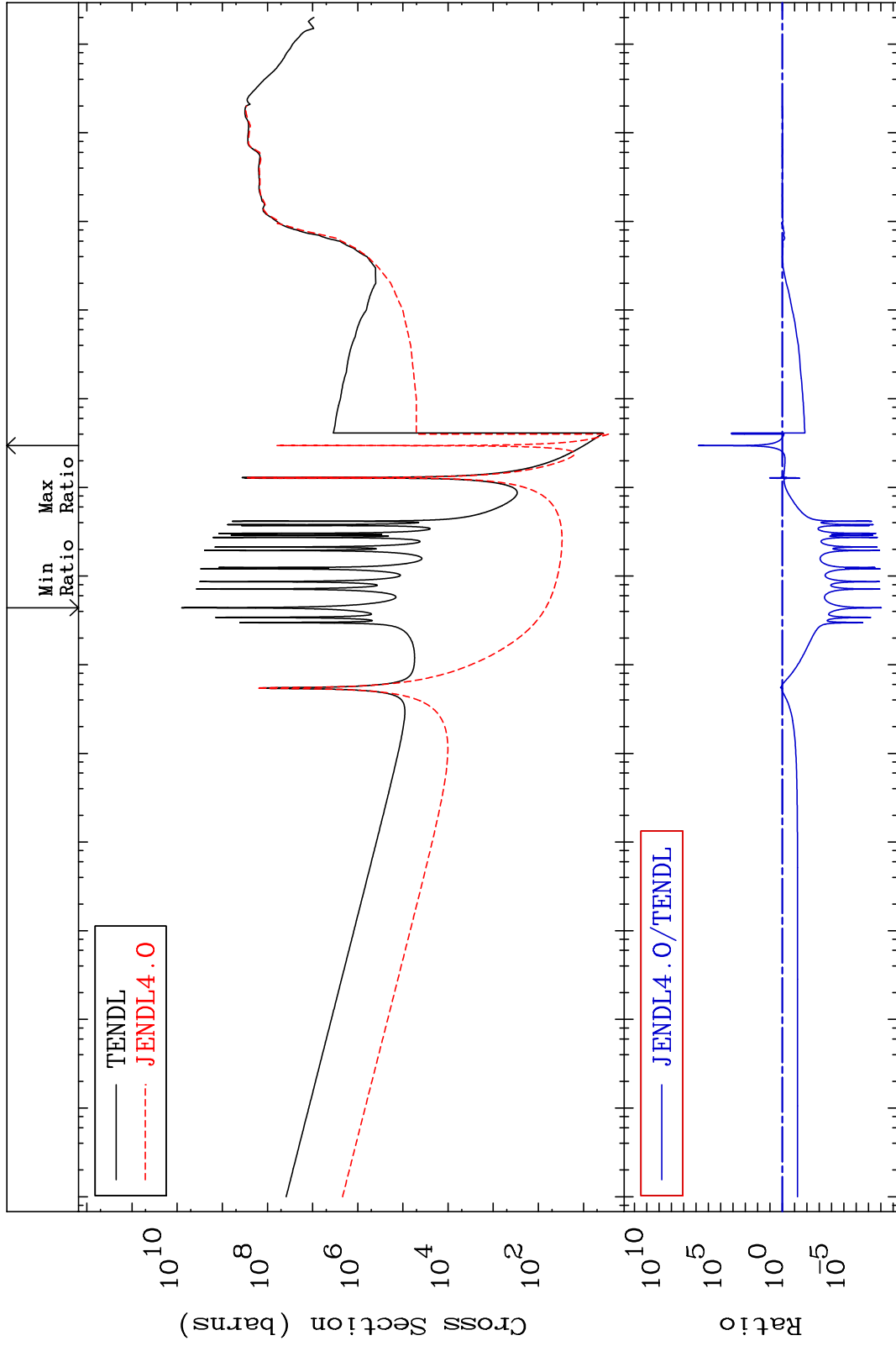
MAT 9231

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

92-U -236

-100.0 To 9999. %

Cross Section



47

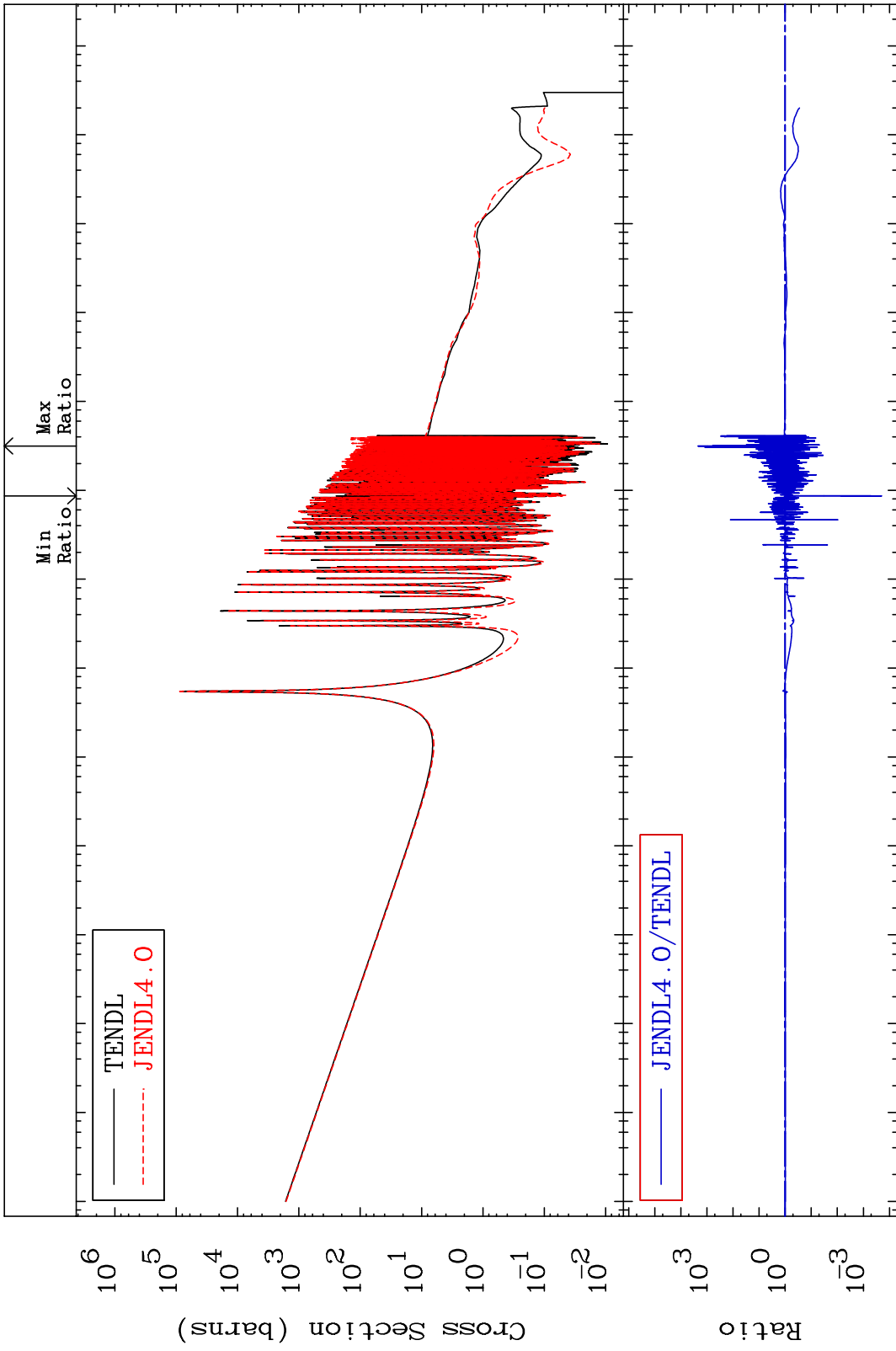
Incident Energy (eV)

92-U -236

MAT 9231

Kerma capture (mt102)
Cross Section

92-U -236
-99.98 To 9999. %



48

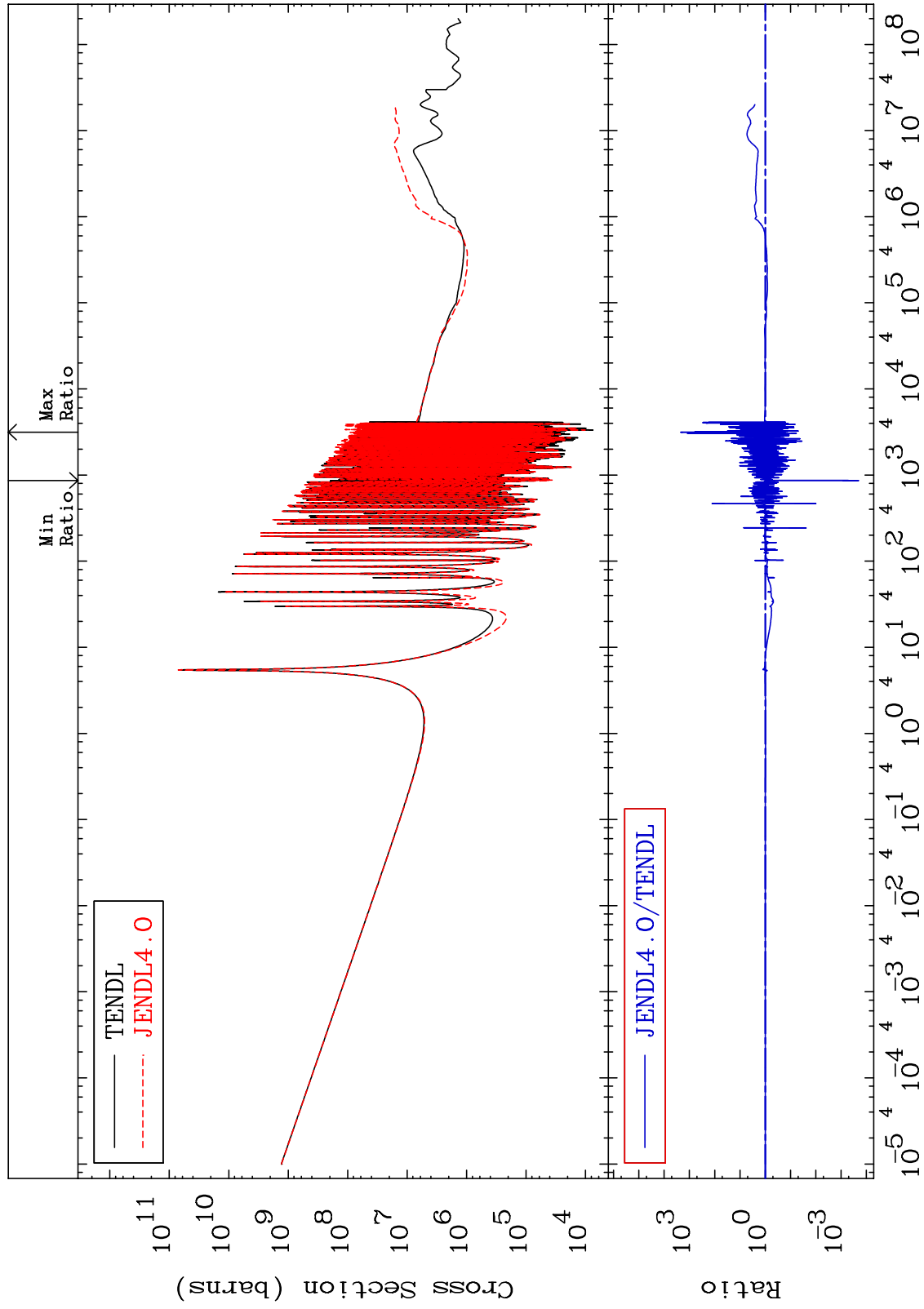
Incident Energy (eV)

92-U -236

MAT 9231

Total photon (eV-barns)
Cross Section

92-U -236
-99.98 To 9999. %



49

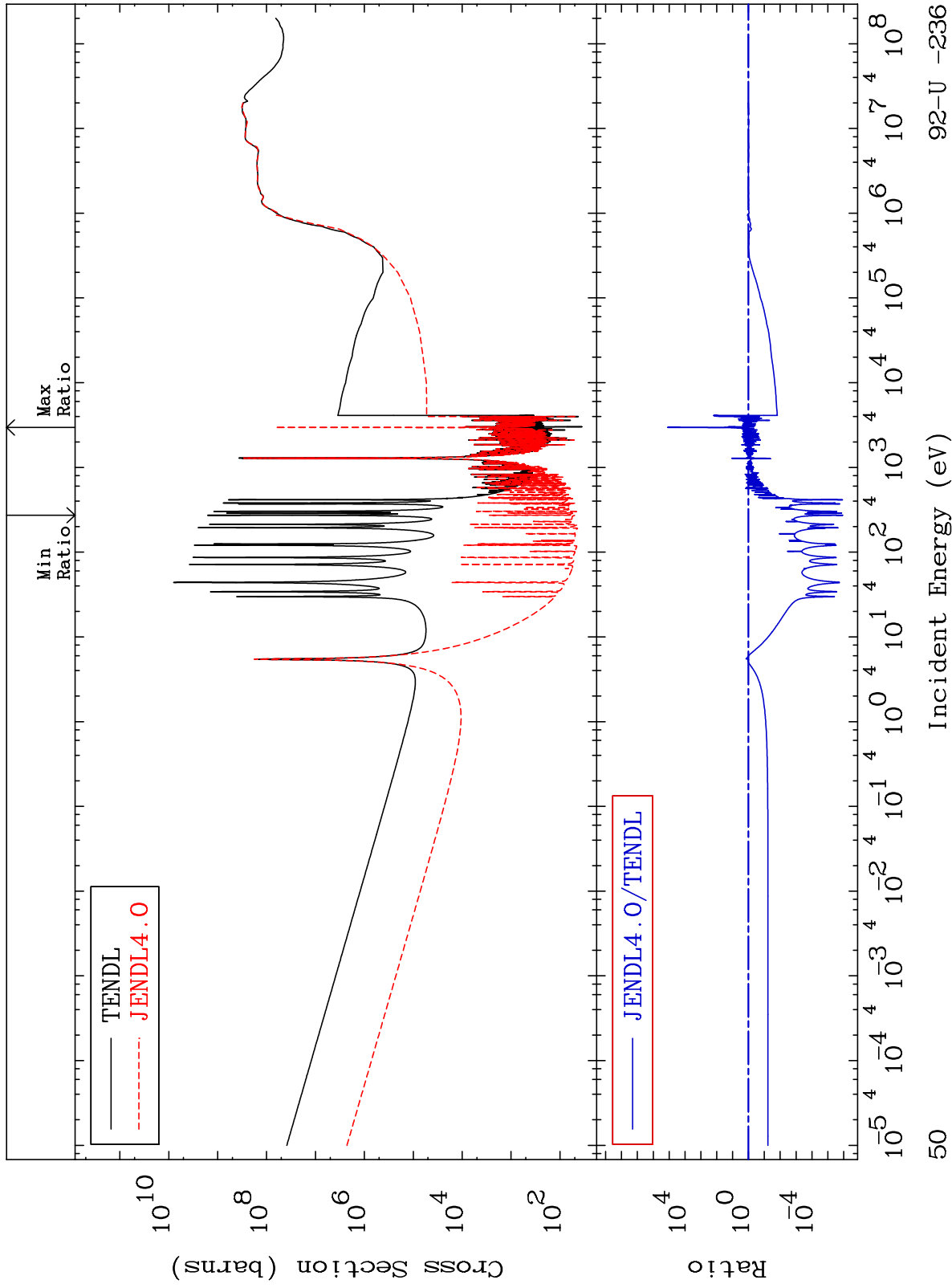
Incident Energy (eV)

92-U -236

MAT 9231

Total kinematic kerma (high limit)
Cross Section

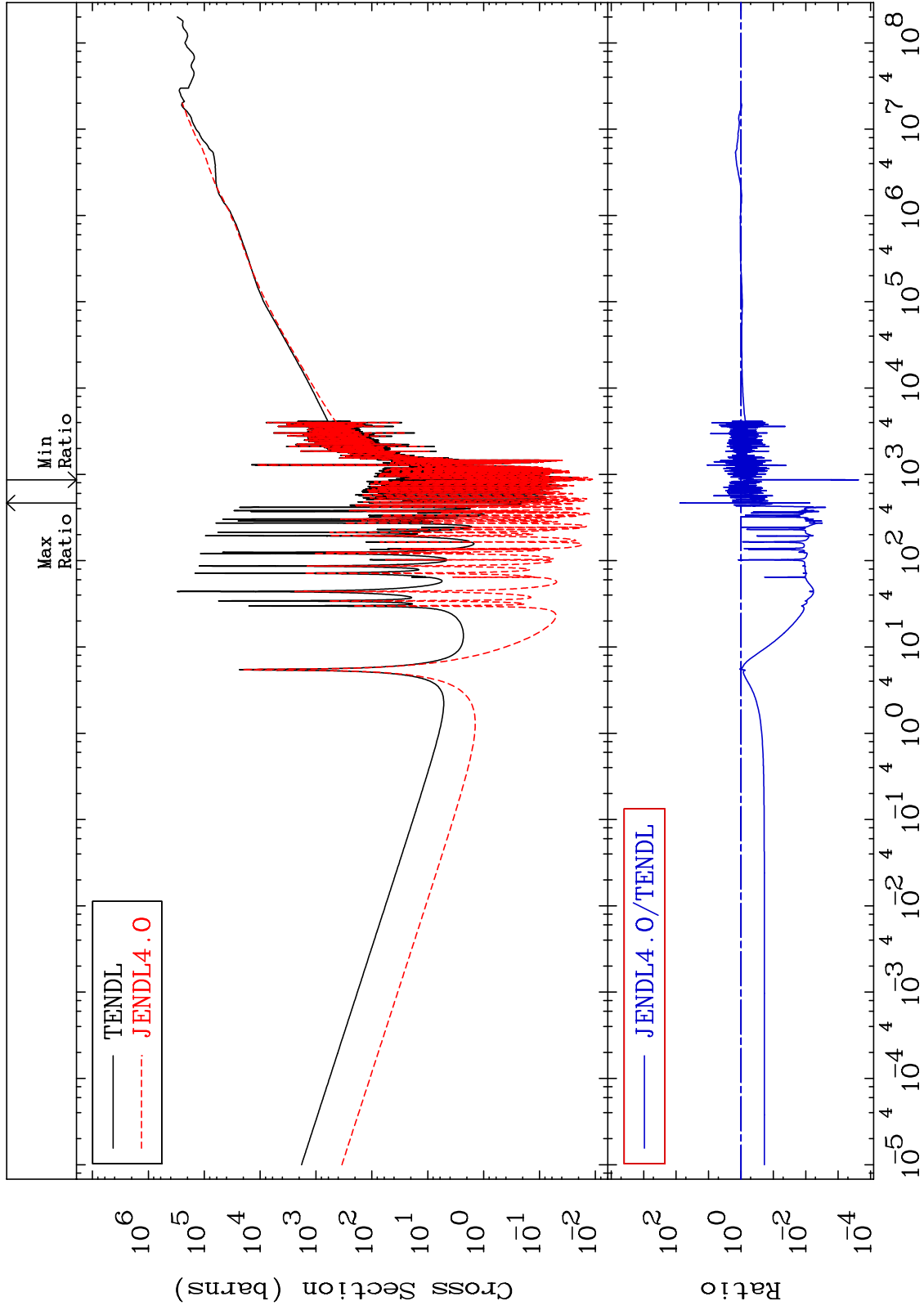
92-U -236
-100.0 To 9999. %



MAT 9231

Dpa total (eV-barns)
Cross Section

92-U -236
-99.98 To 7467. %



51

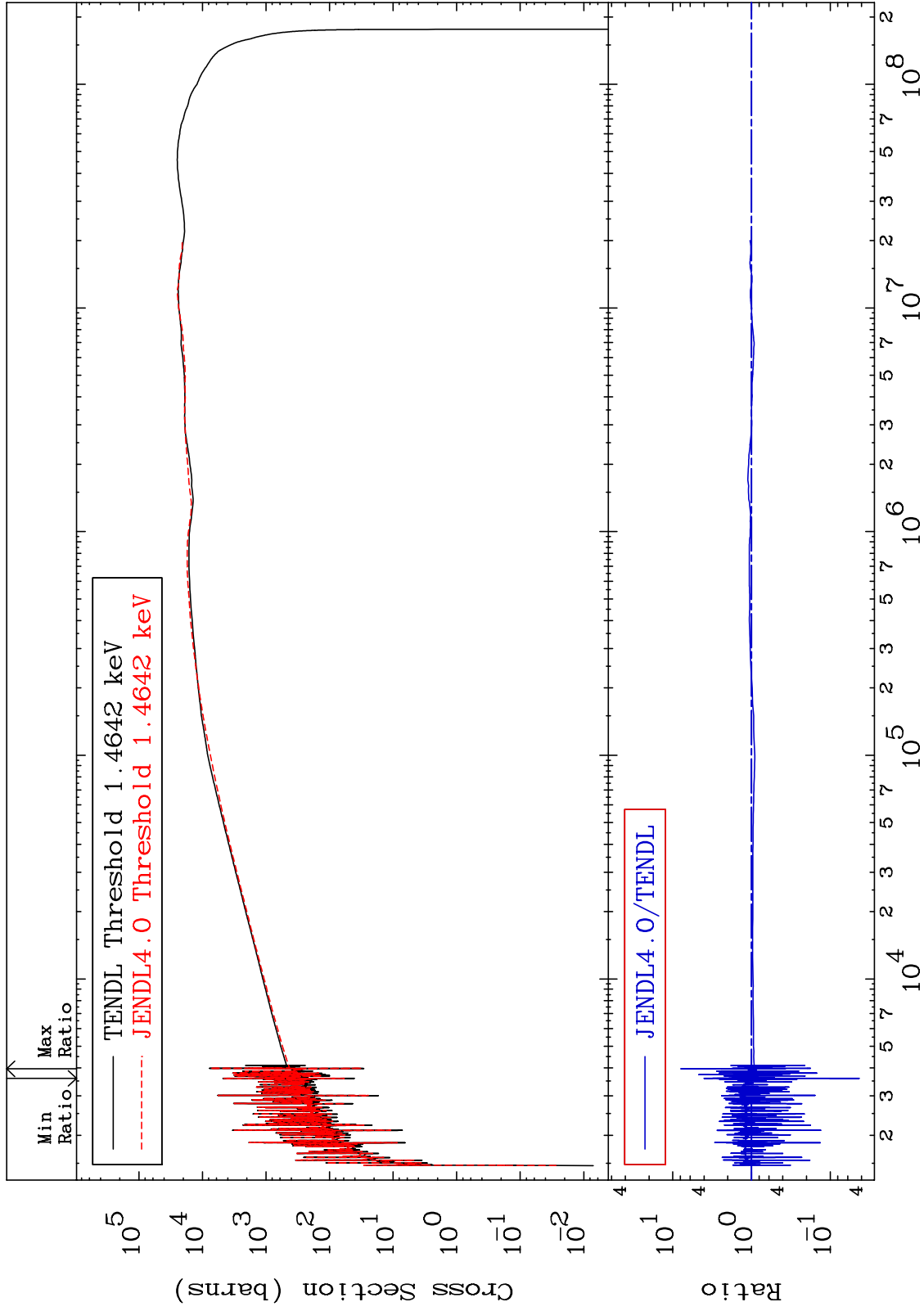
Incident Energy (eV)

92-U -236

MAT 9231

Dpa elastic (mt2)
Cross Section

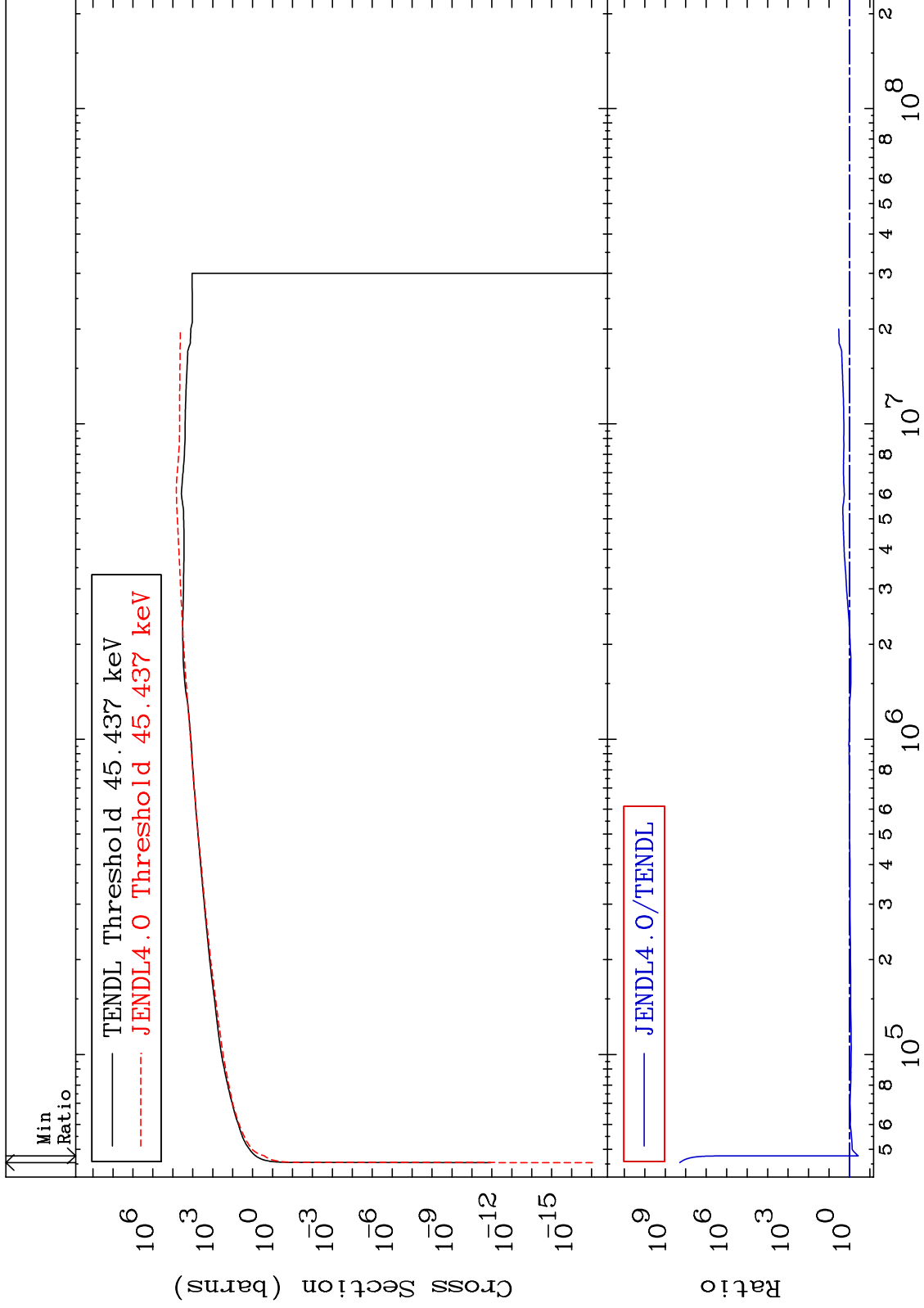
92-U -236
-95.71 To 694.9 %



MAT 9231

Dpa inelastic (mt51-91)
Cross Section

92-U -236
-63.05 To 9999. %



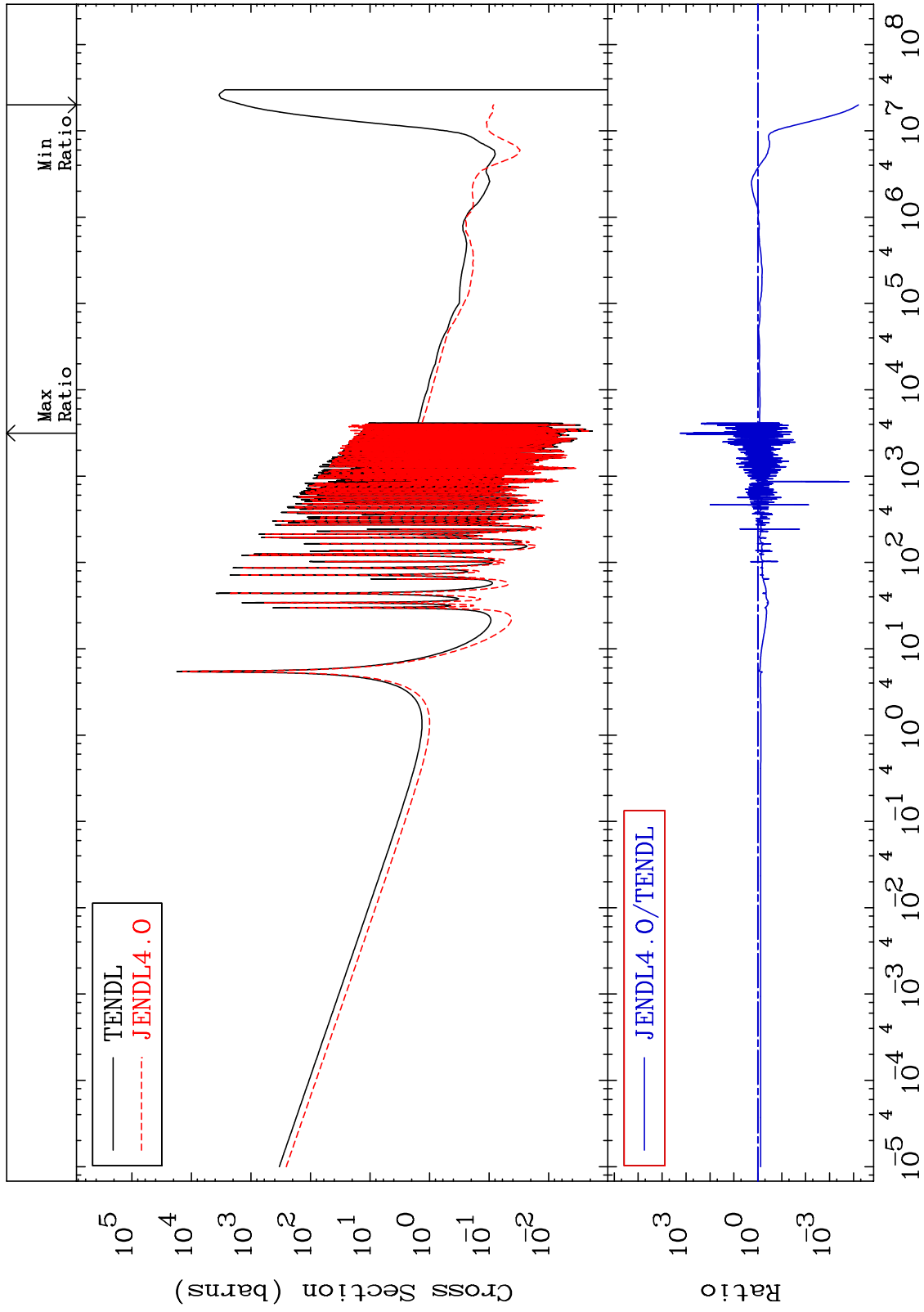
53

Incident Energy (eV) 92-U -236

MAT 9231

Dpa disappearance (mt102 -120)
Cross Section

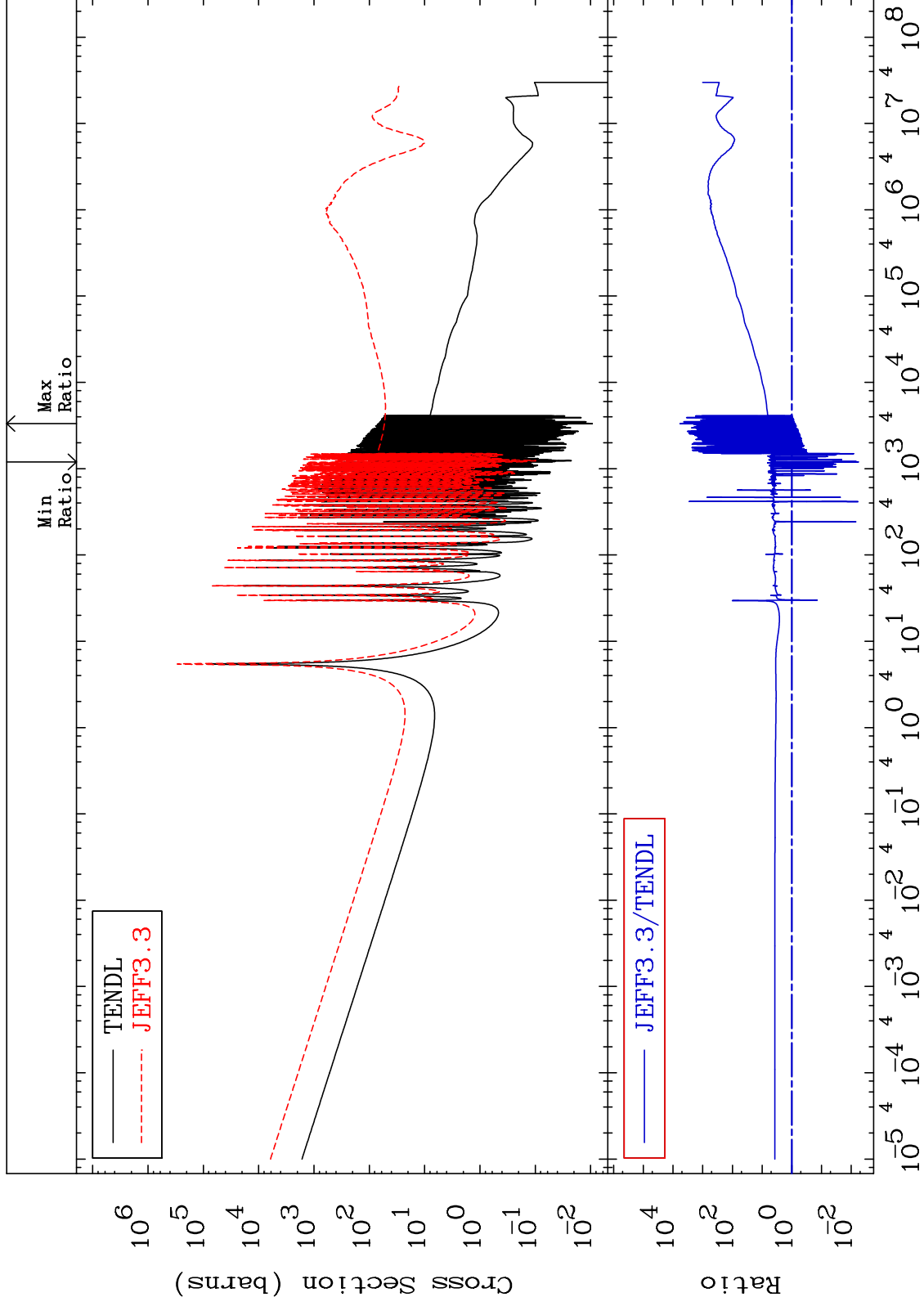
92-U -236
-99.99 To 9999. %



MAT 9231

Kerma capture (mt102)
Cross Section

92-U -236
-99.43 To 9999. %



55

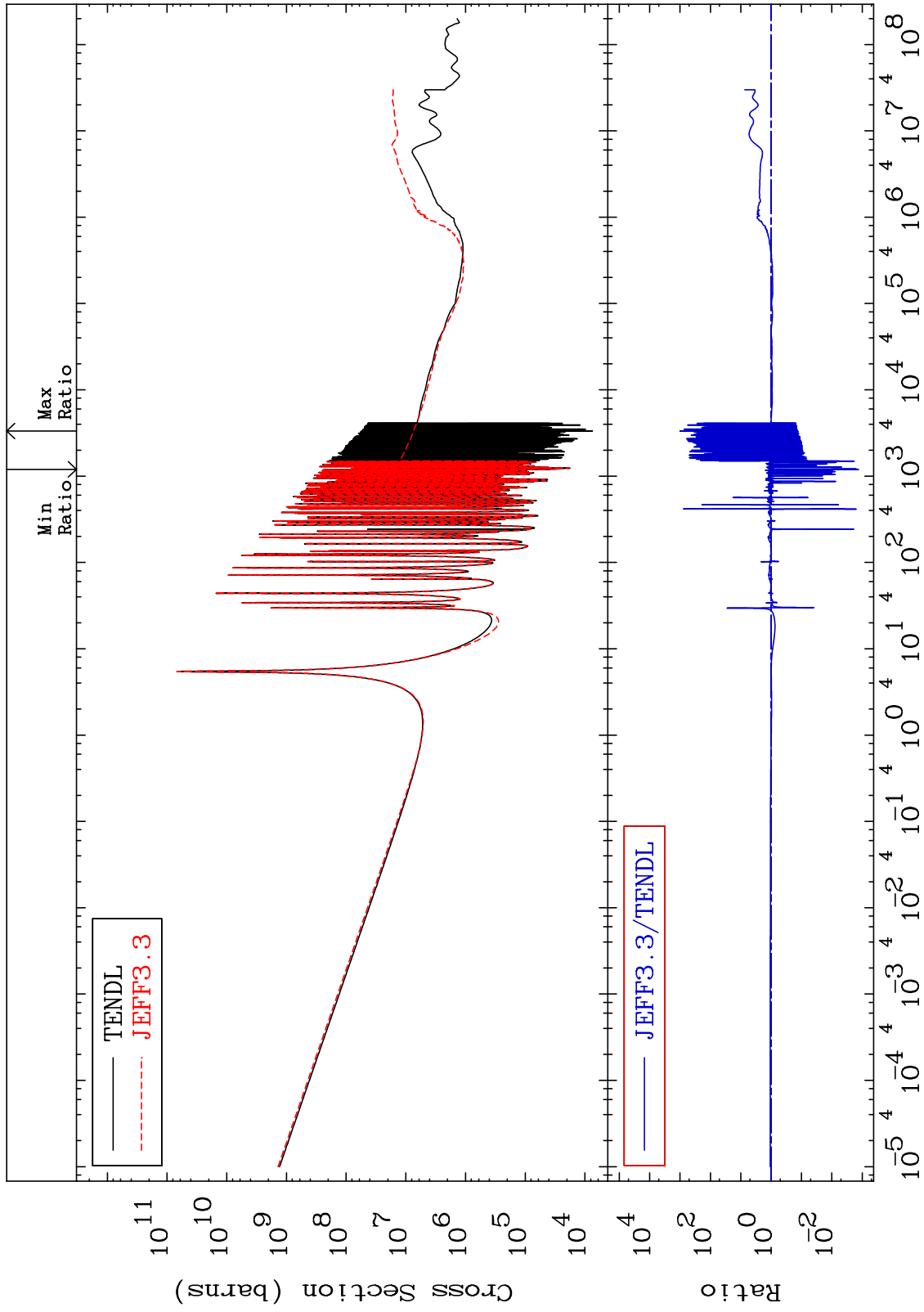
Incident Energy (eV)

92-U -236

MAT 9231

Total photon (eV-barns)
Cross Section

92-U -236
-99.87 To 9999. %



56

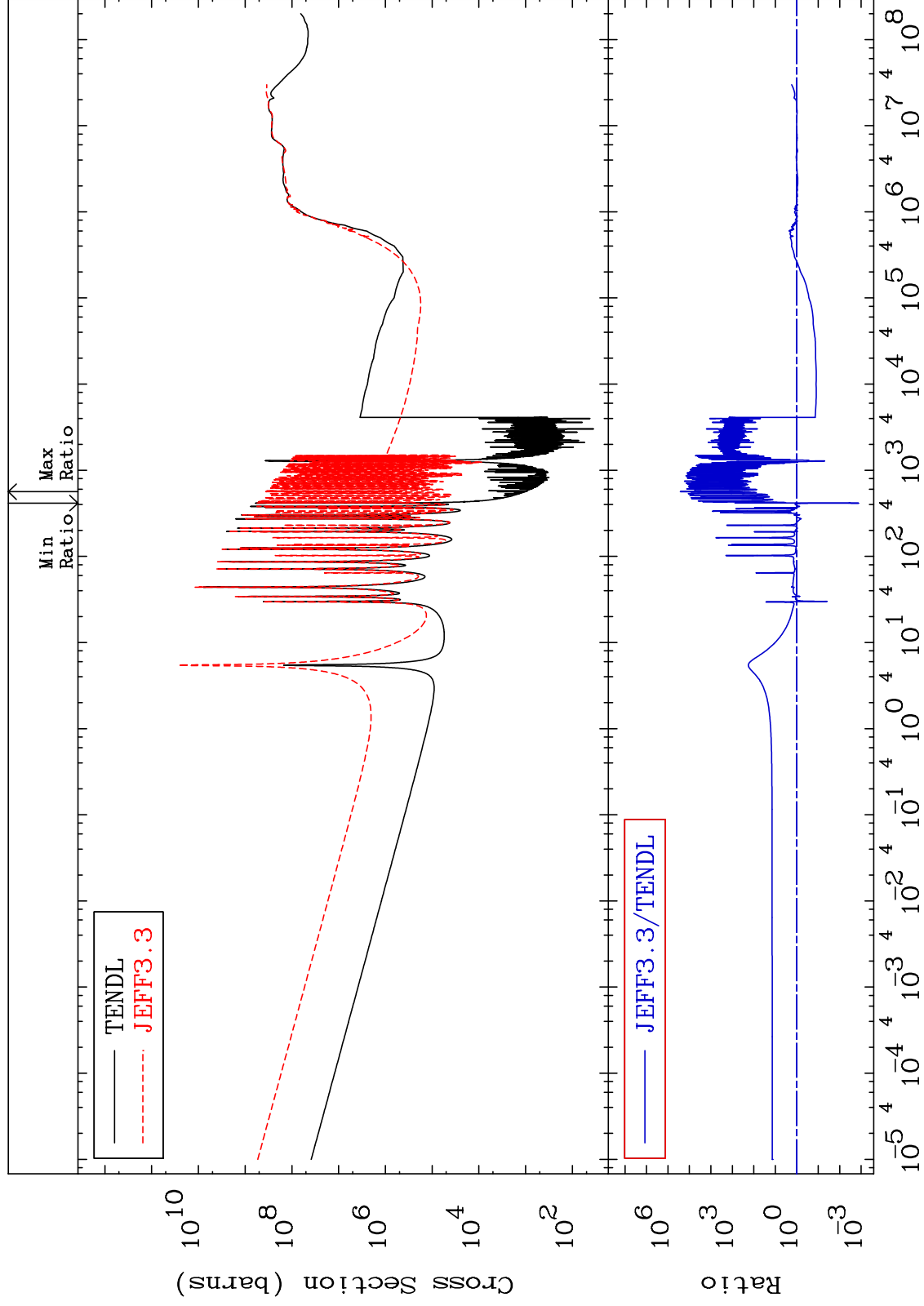
Incident Energy (eV)

92-U -236

MAT 9231

Total kinematic kerma (high limit)
Cross Section

92-U -236
-99.87 To 9999. %



57

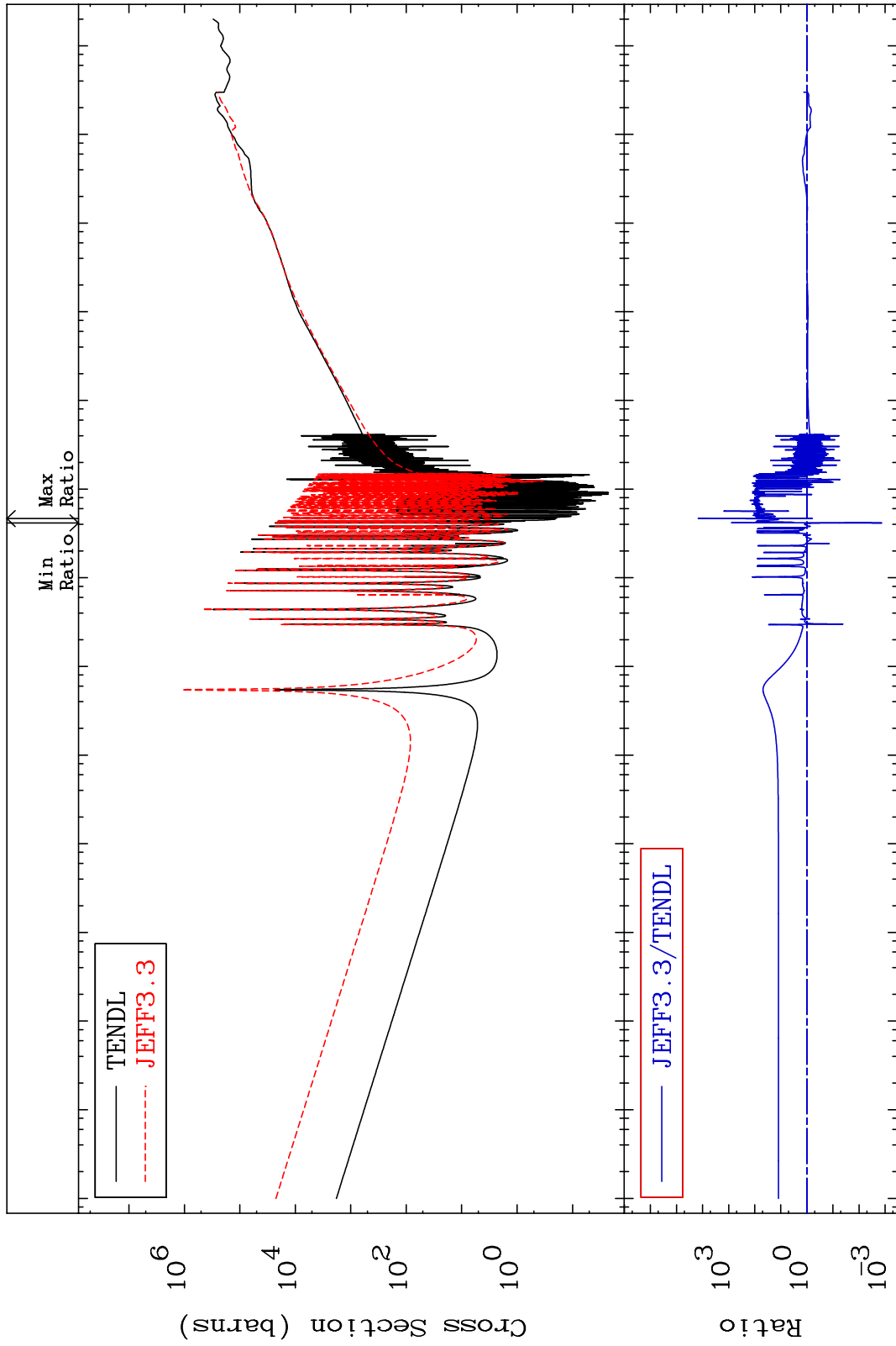
Incident Energy (eV)

92-U -236

MAT 9231

Dpa total (eV-barns)
Cross Section

92-U -236
-99.86 To 9999. %



58

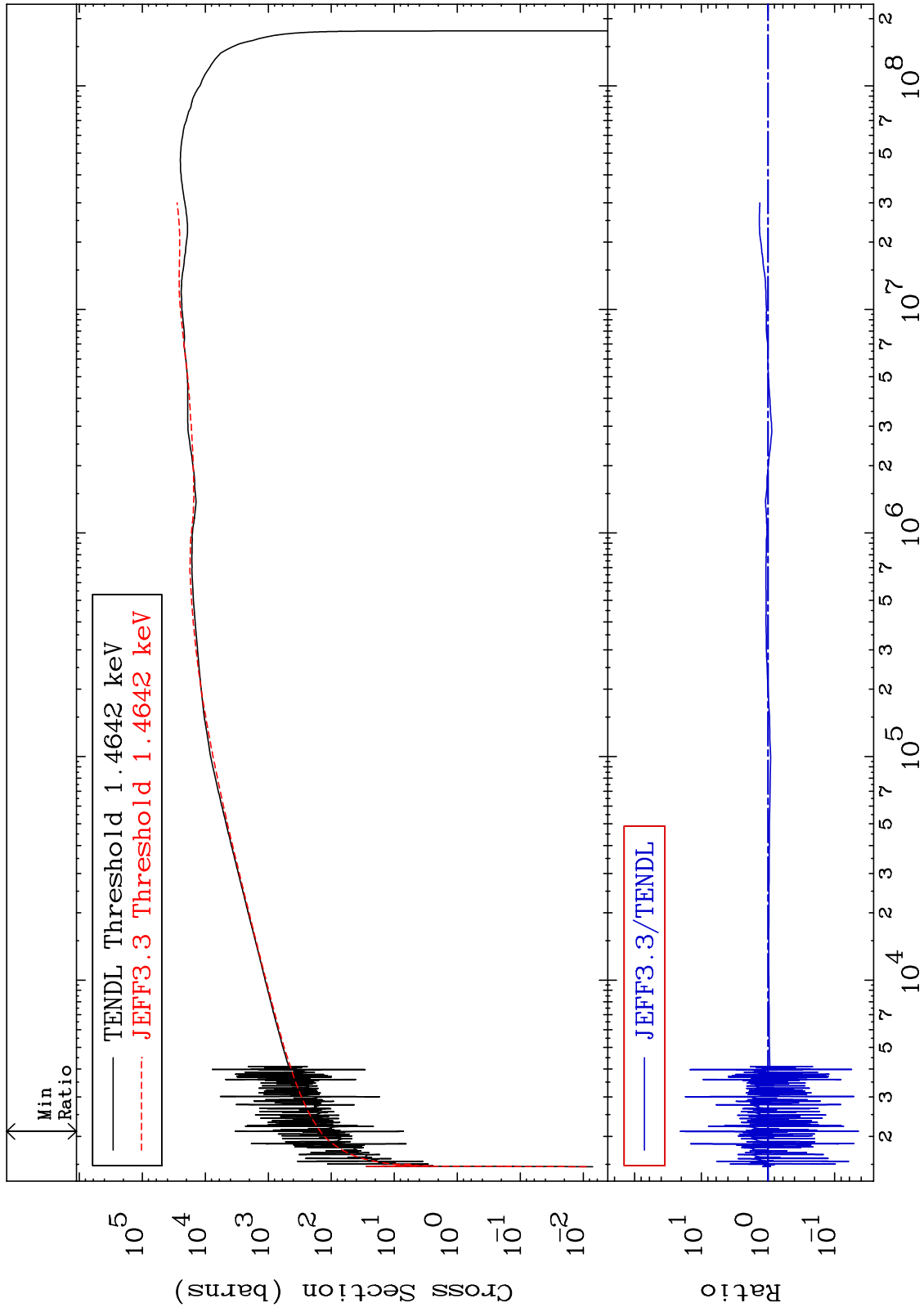
Incident Energy (eV)

92-U -236

MAT 9231

Dpa elastic (mt2)
Cross Section

92-U -236
-95.60 To 1989. %



59

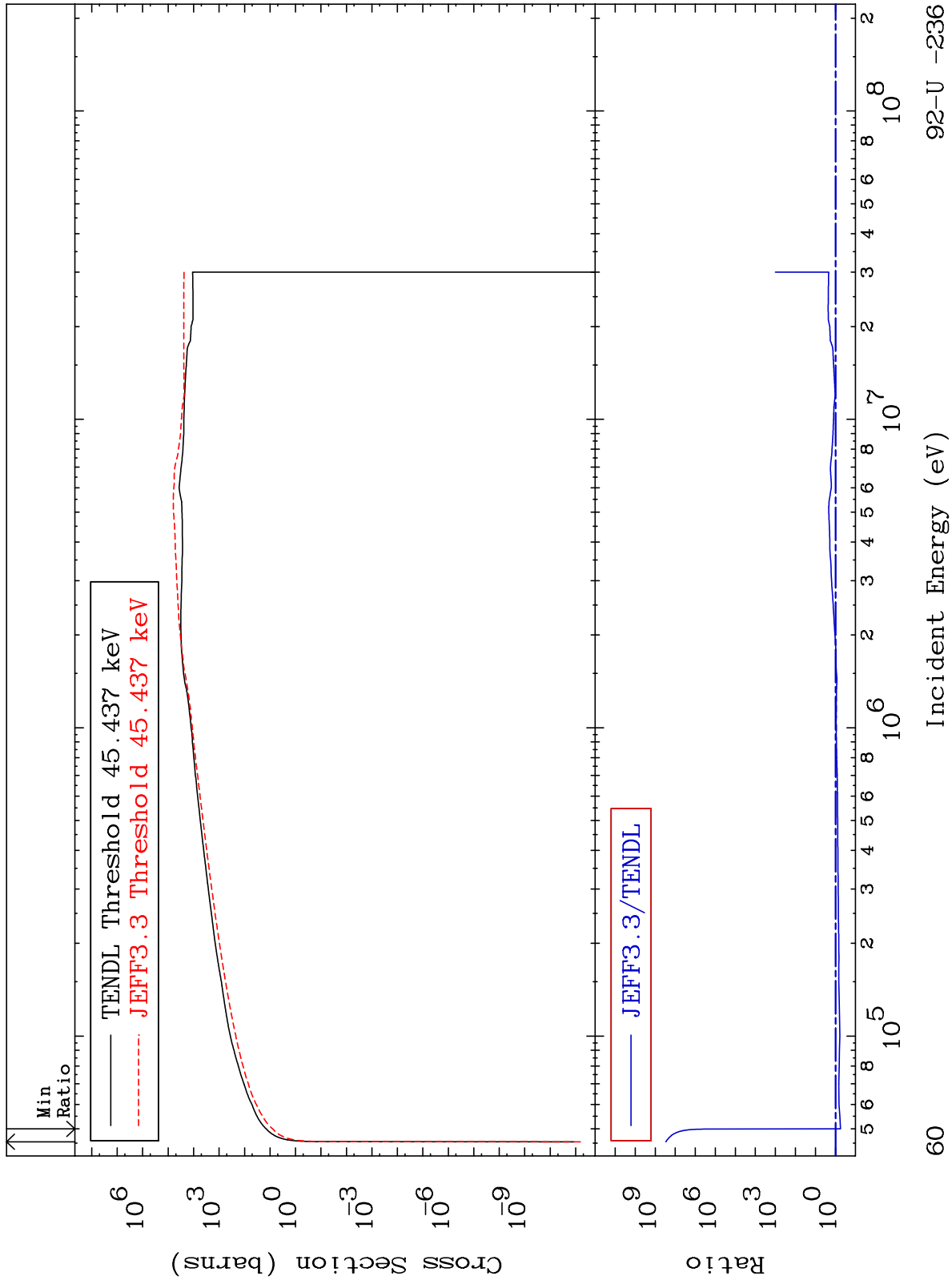
Incident Energy (eV)

92-U -236

MAT 9231

Dpa inelastic (mt51-91)
Cross Section

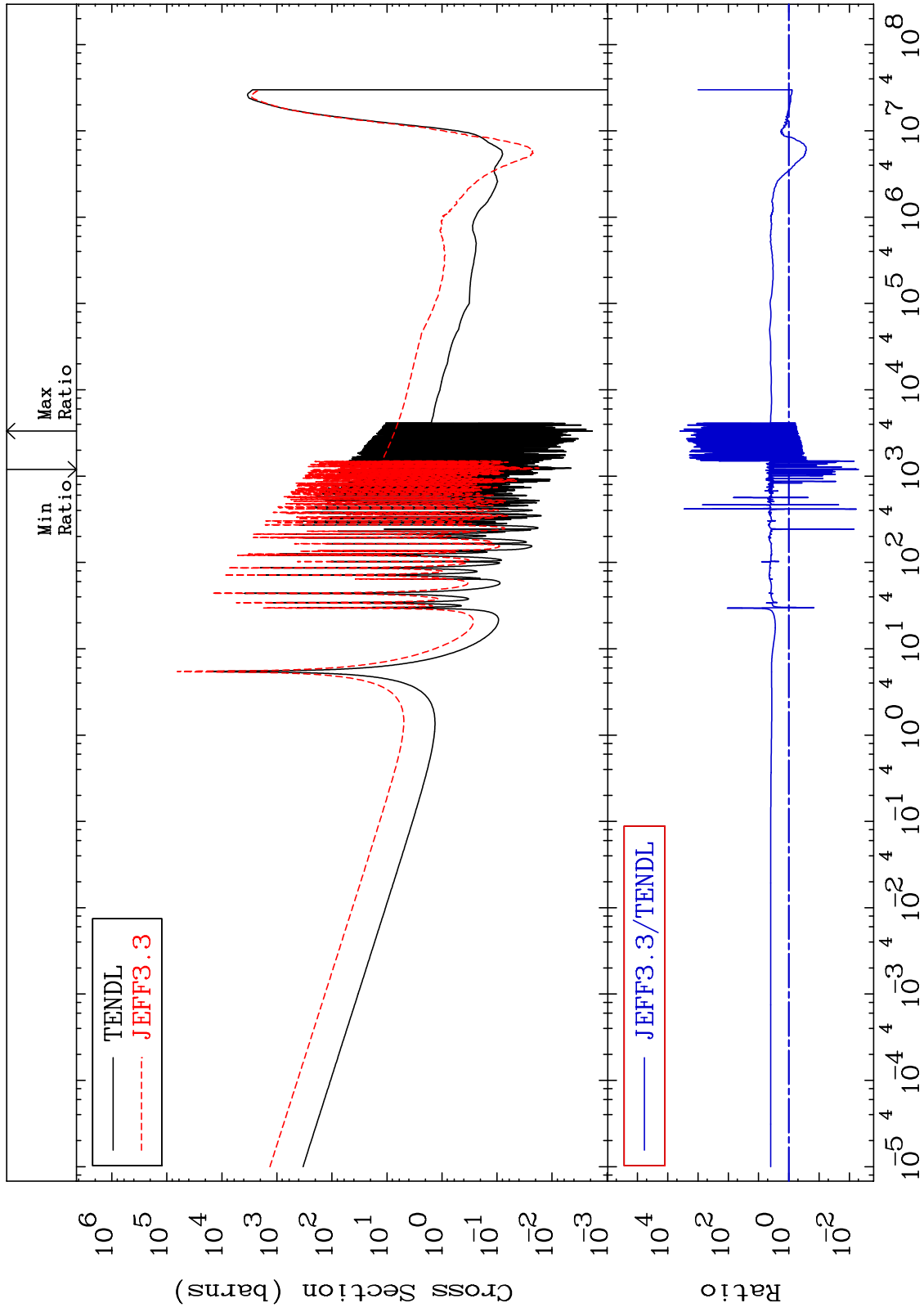
92-U -236
-44.10 To 9999. %



MAT 9231

Dpa disappearance (mt102 -120)
Cross Section

92-U -236
-99.50 To 9999. %



61

Incident Energy (eV)

92-U -236