

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

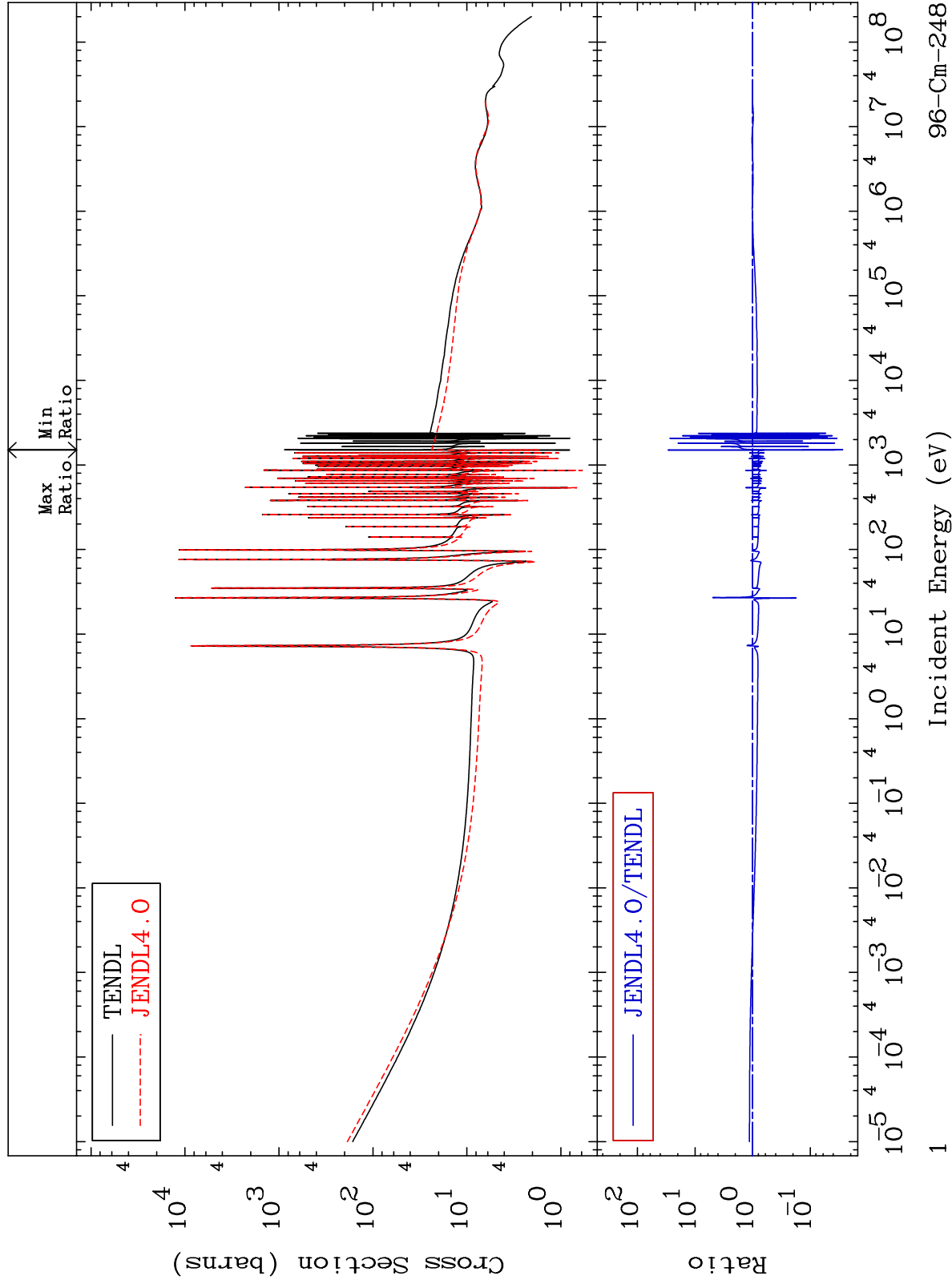
MAT 9649

Total

96-Cm-248

-97.27 To 2842. %

Cross Section



96-Cm-248

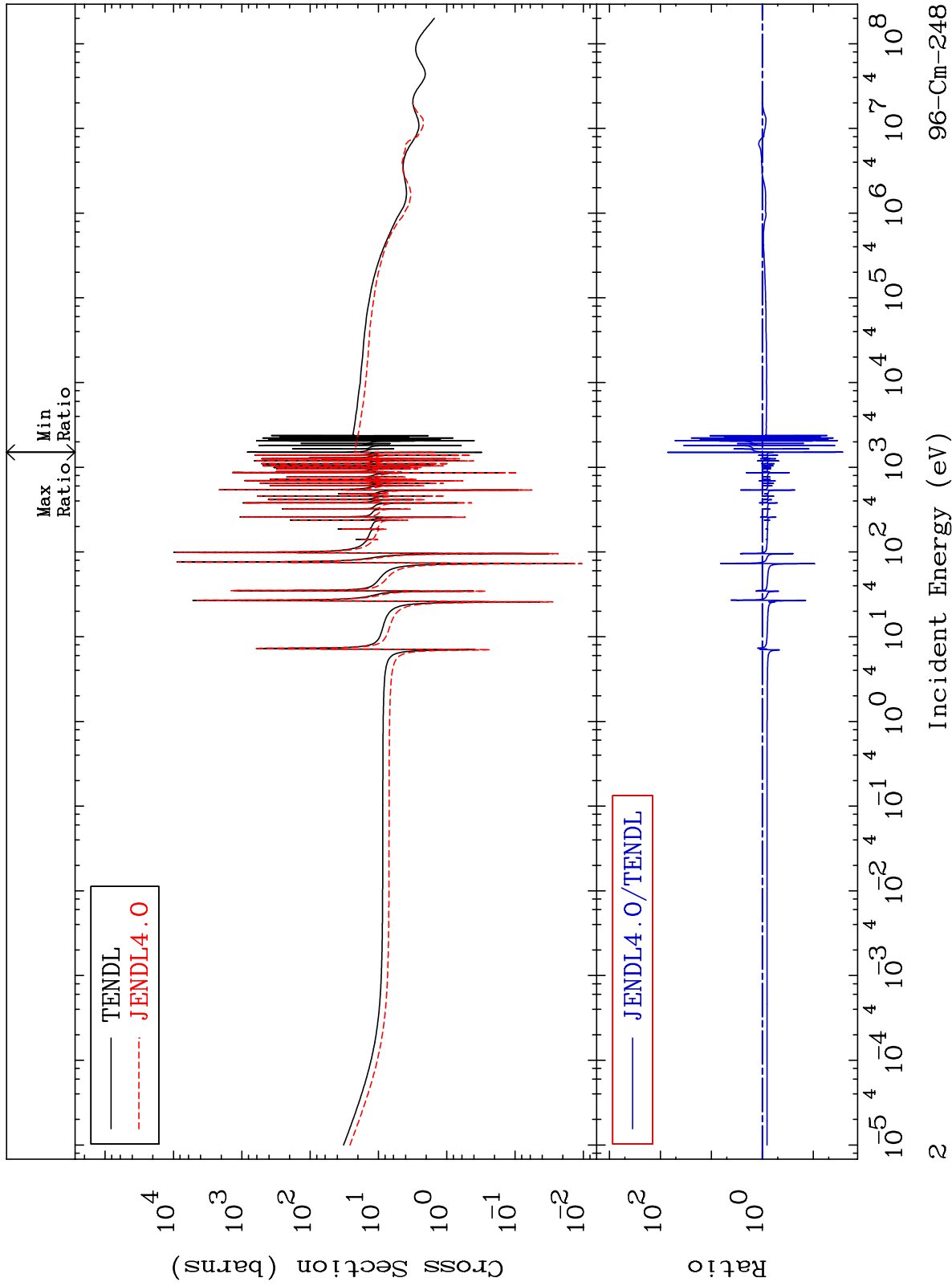
Incident Energy (eV)

1

MAT 9649

Elastic
Cross Section

96-Cm-248
-97.34 To 7149. %



96-Cm-248

Incident Energy (eV)

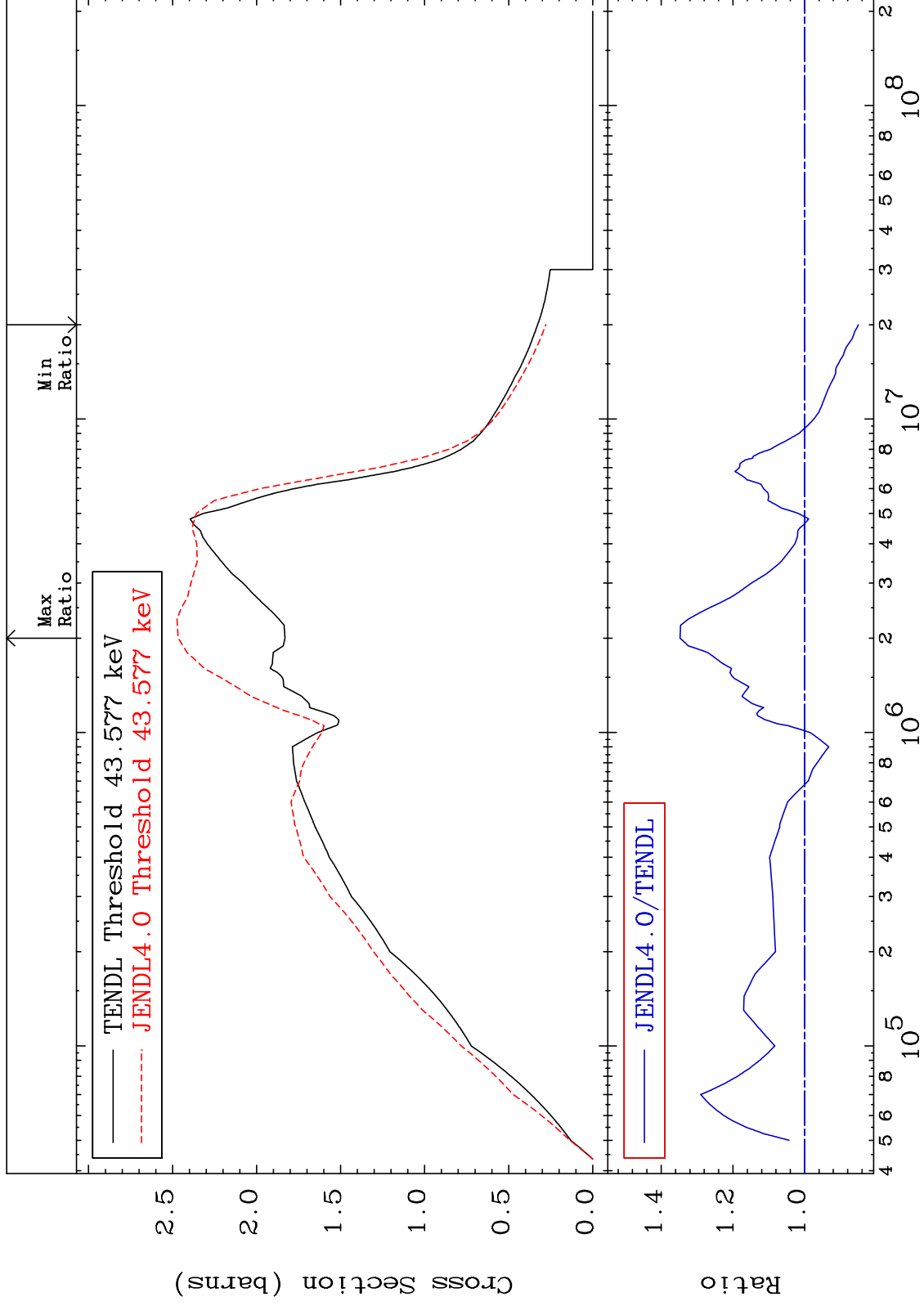
2

MAT 9649

Inelastic
Cross Section

96-Cm-248

-14.98 To 34.75 %



3

Incident Energy (eV)

96-Cm-248

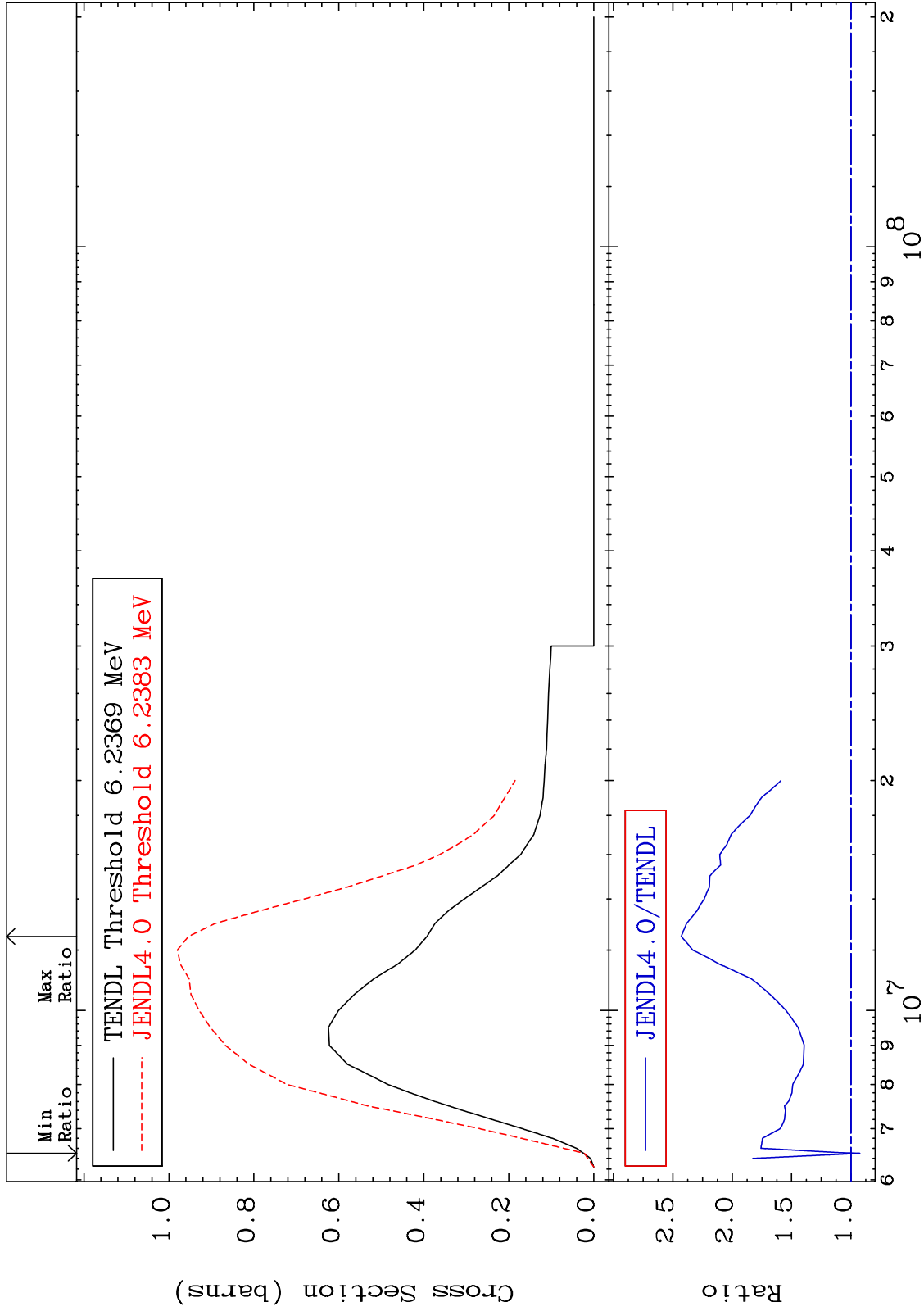
MAT 9649

(n,2n)

96-Cm-248

Cross Section

-7.553 To 143.0 %



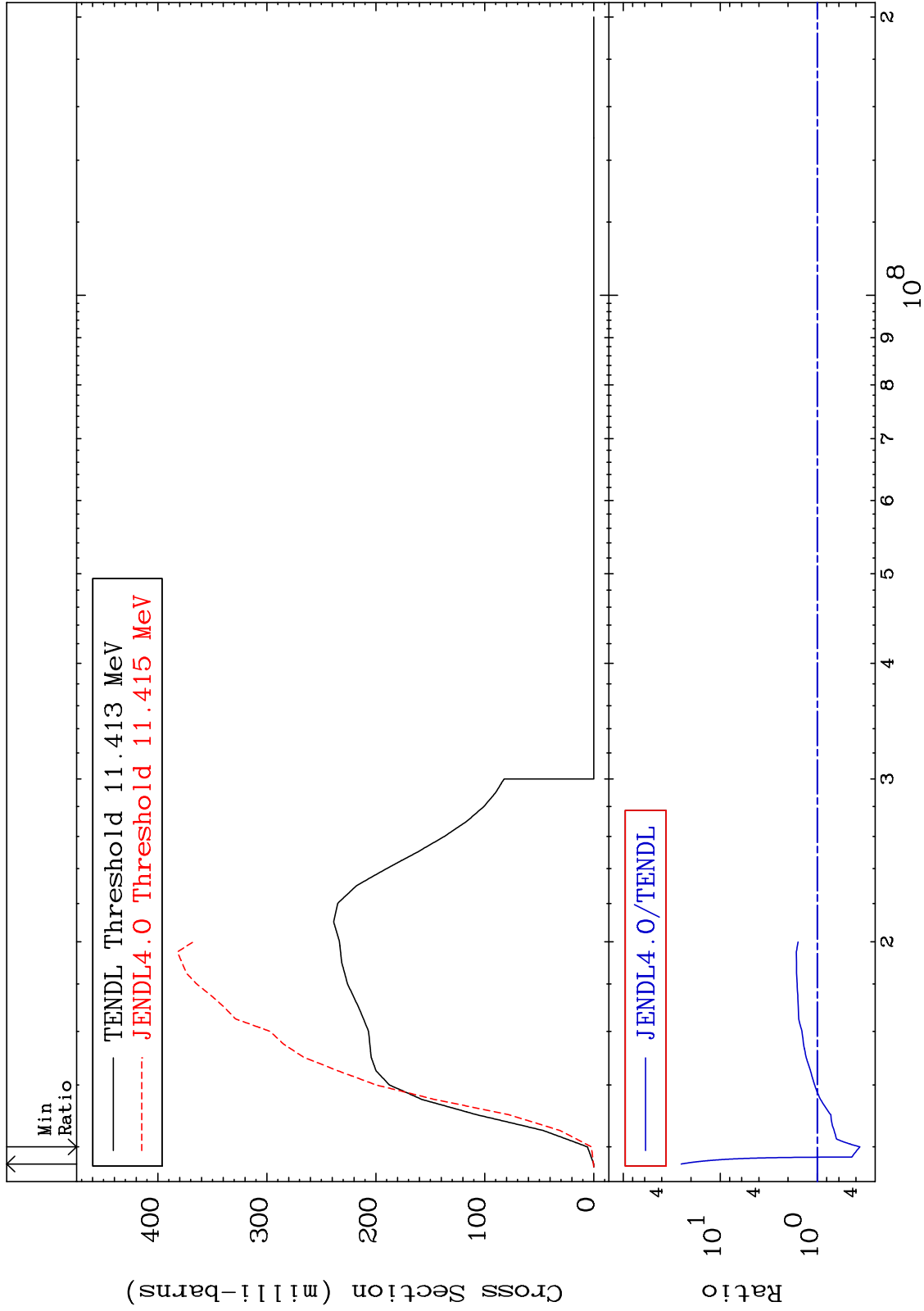
MAT 9649

(n, 3n)

96-Cm-248

Cross Section

-63.64 To 2422. %



Incident Energy (eV)

96-Cm-248

5

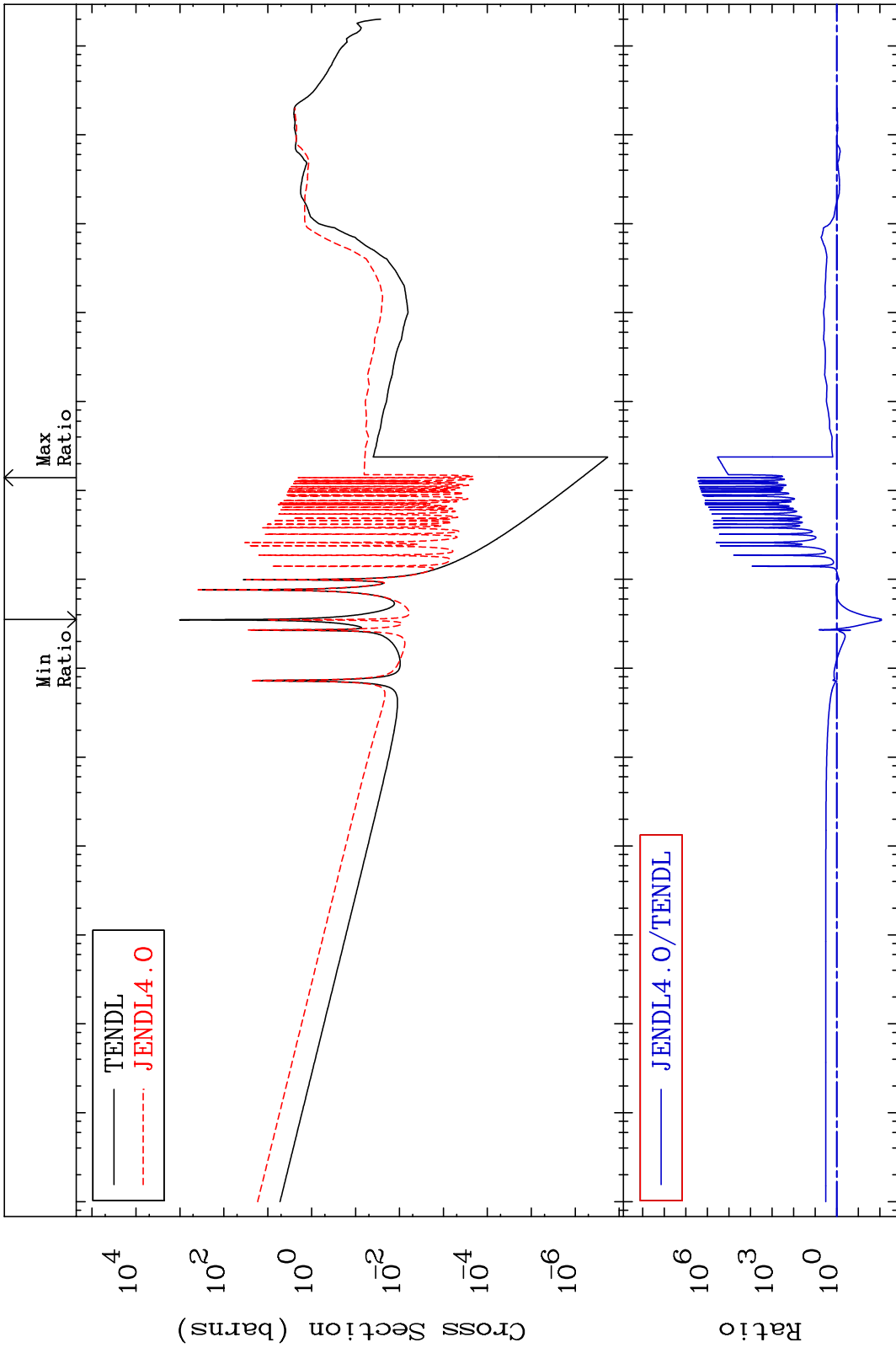
MAT 9649

96-Cm-248

-99.16 To 9999. %

Fission

Cross Section



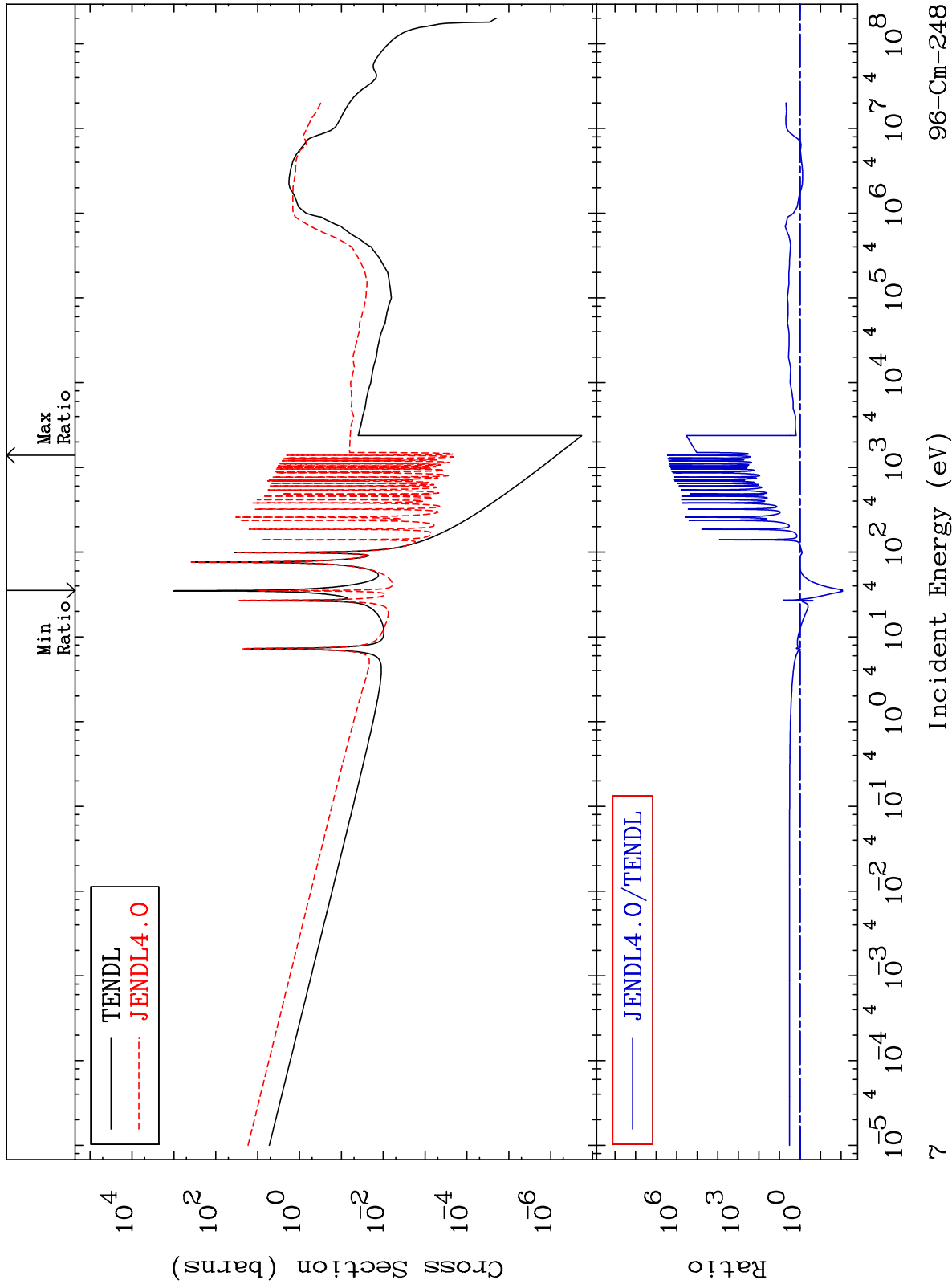
— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

MAT 9649

(n,f) First Chance
Cross Section

96-Cm-248
-99.16 To 9999. %

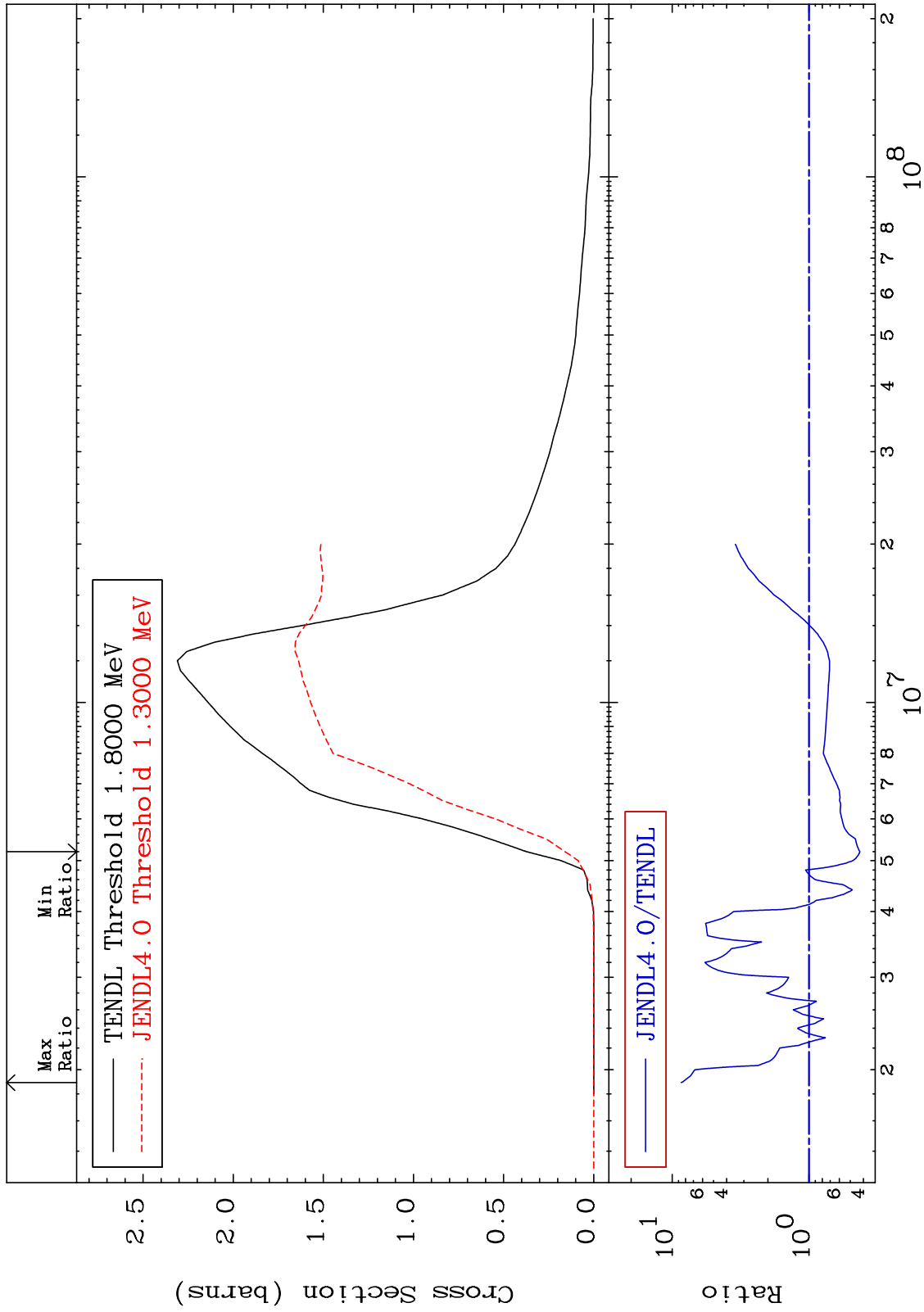


96-Cm-248

MAT 9649

(n, nf) Second Chance
Cross Section

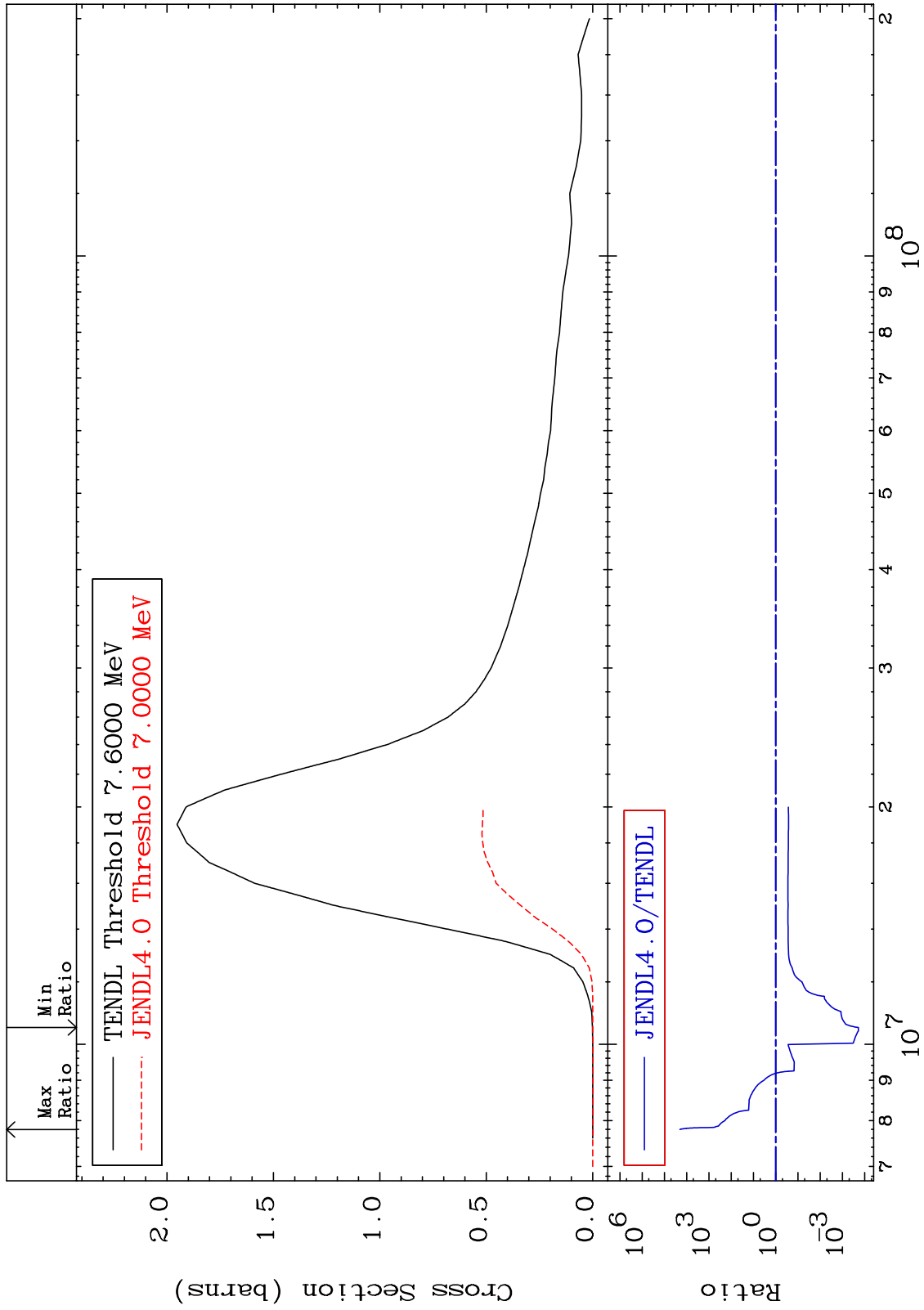
96-Cm-248
-57.54 To 760.3 %



MAT 9649

(n,2nf) Third Chance
Cross Section

96-Cm-248
-99.98 To 9999. %



9

Incident Energy (eV)

96-Cm-248

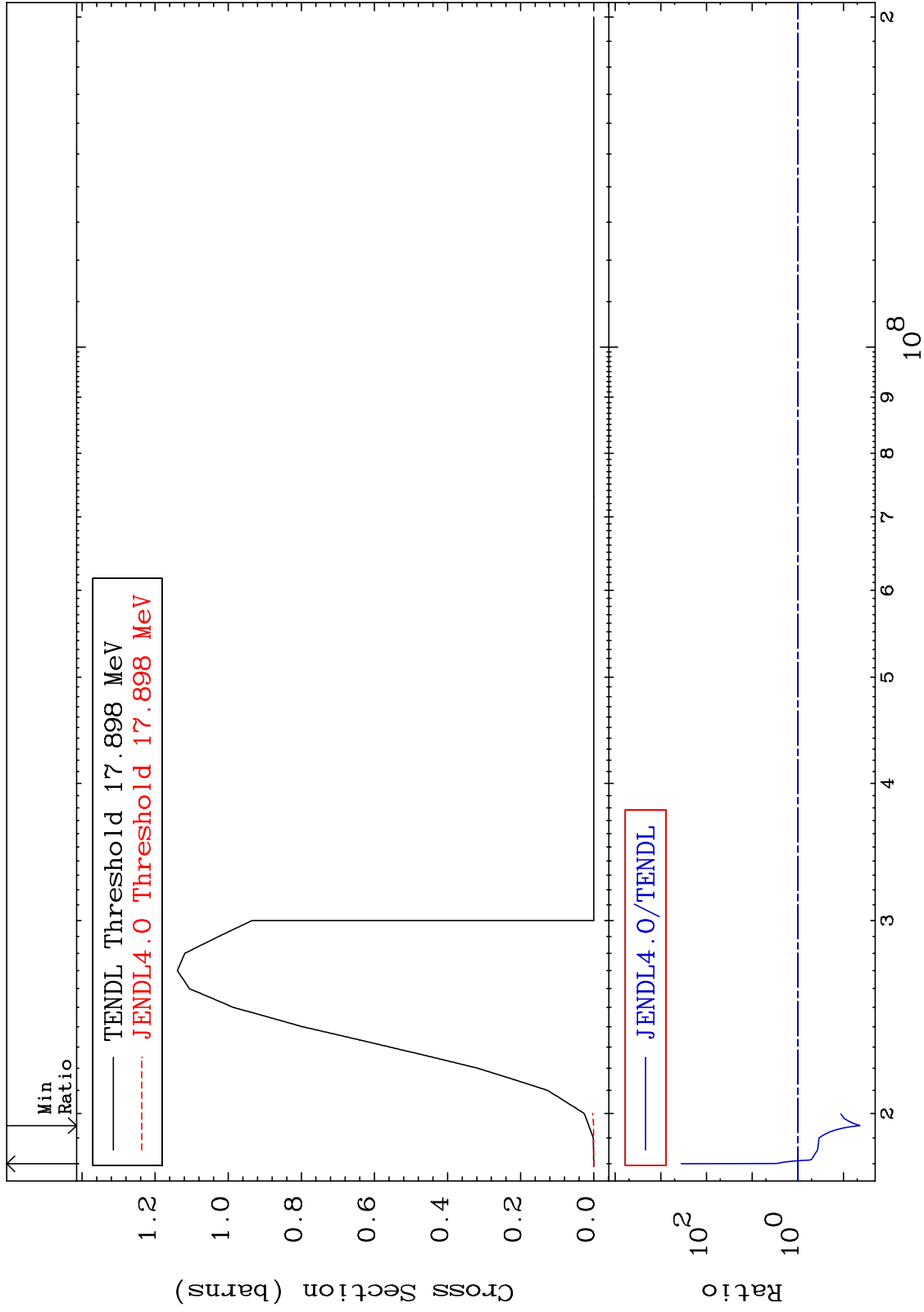
MAT 9649

(n, 4n)

96-Cm-248

Cross Section

-95.63 To 9999. %



10

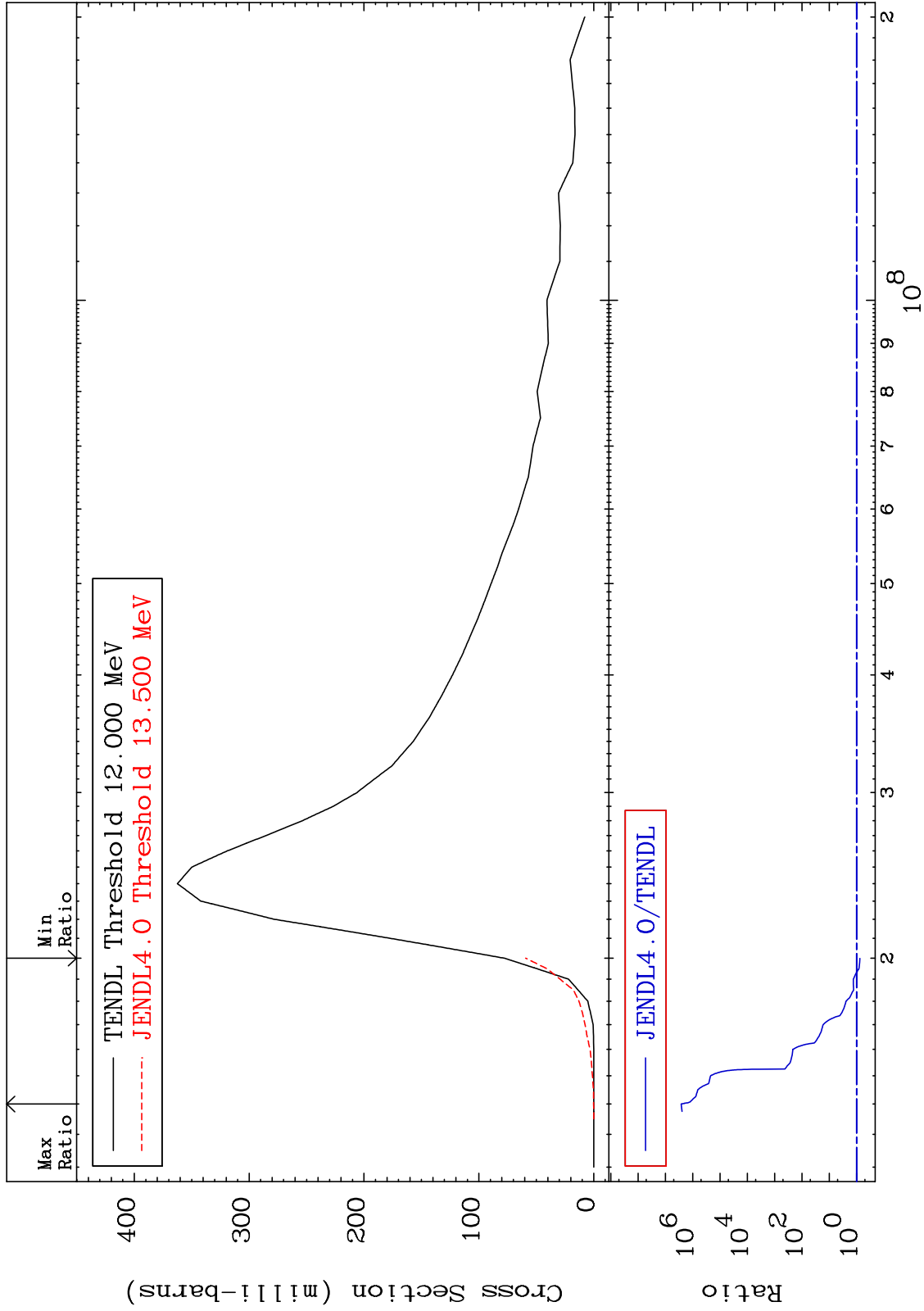
Incident Energy (eV)

96-Cm-248

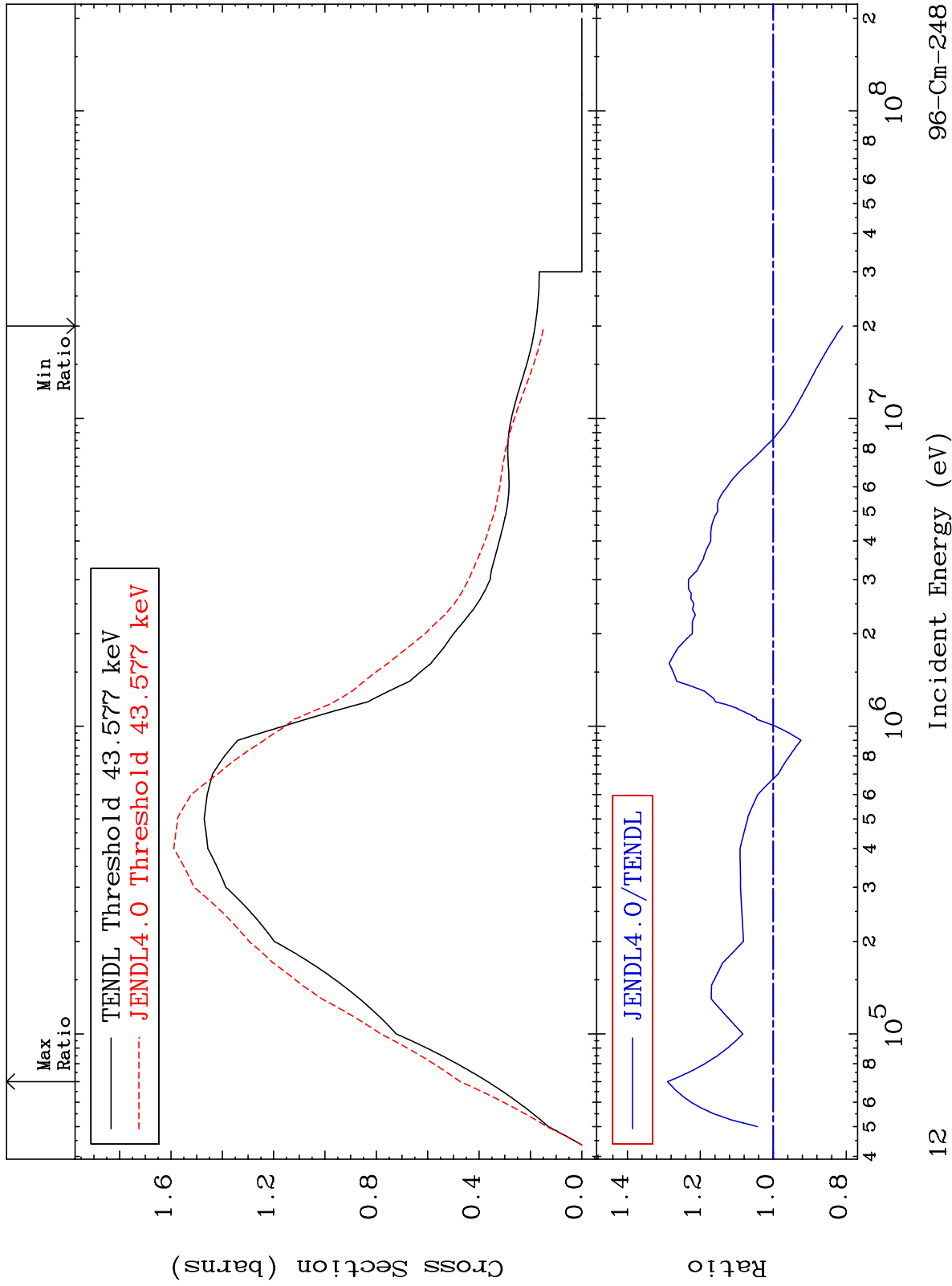
MAT 9649

(n,3nf) Fourth Chance
Cross Section

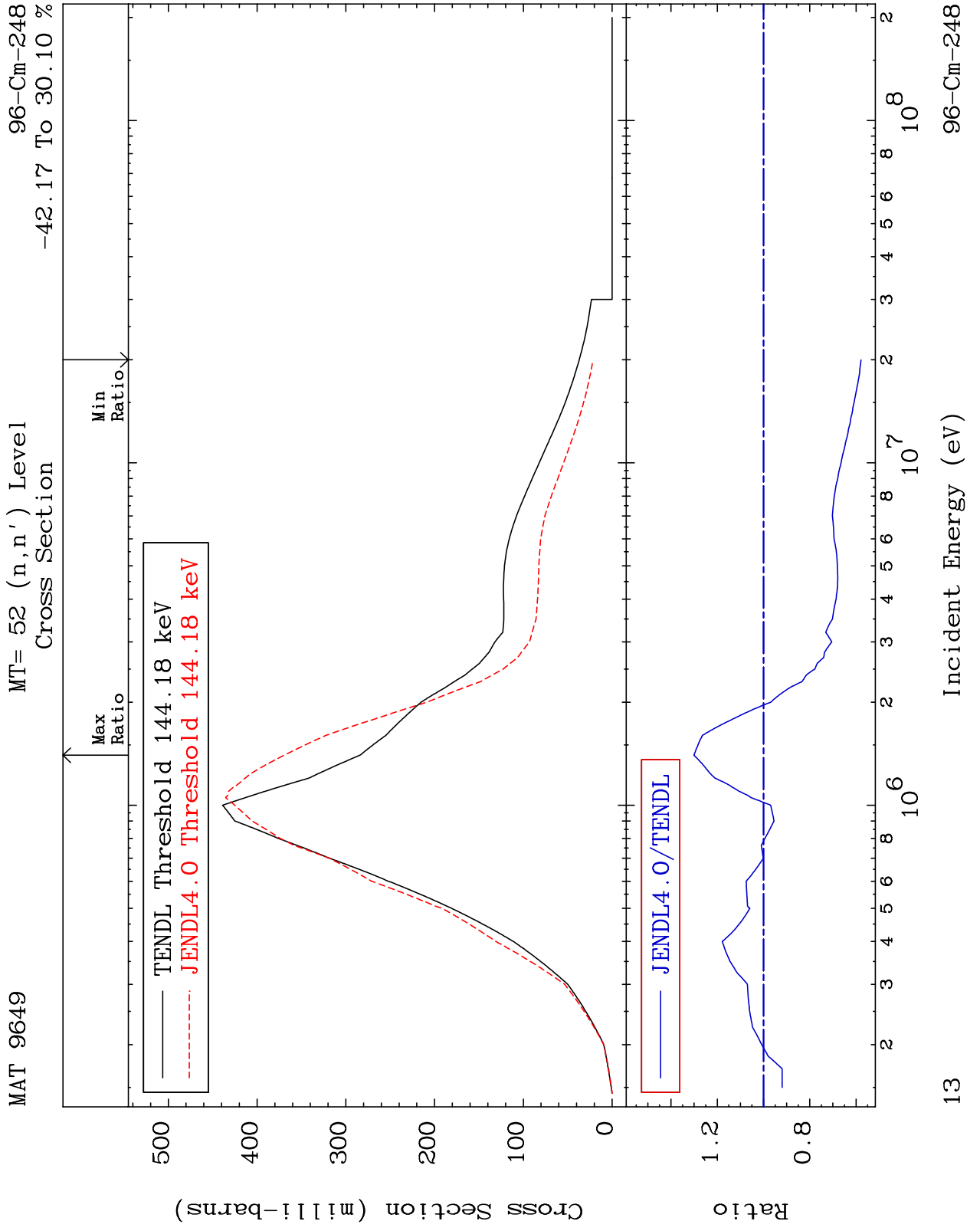
96-Cm-248
-23.79 To 9999. %



MAT 9649 MT= 51 (n,n') Level 96-Cm-248
 Cross Section -19.03 To 28.99 %



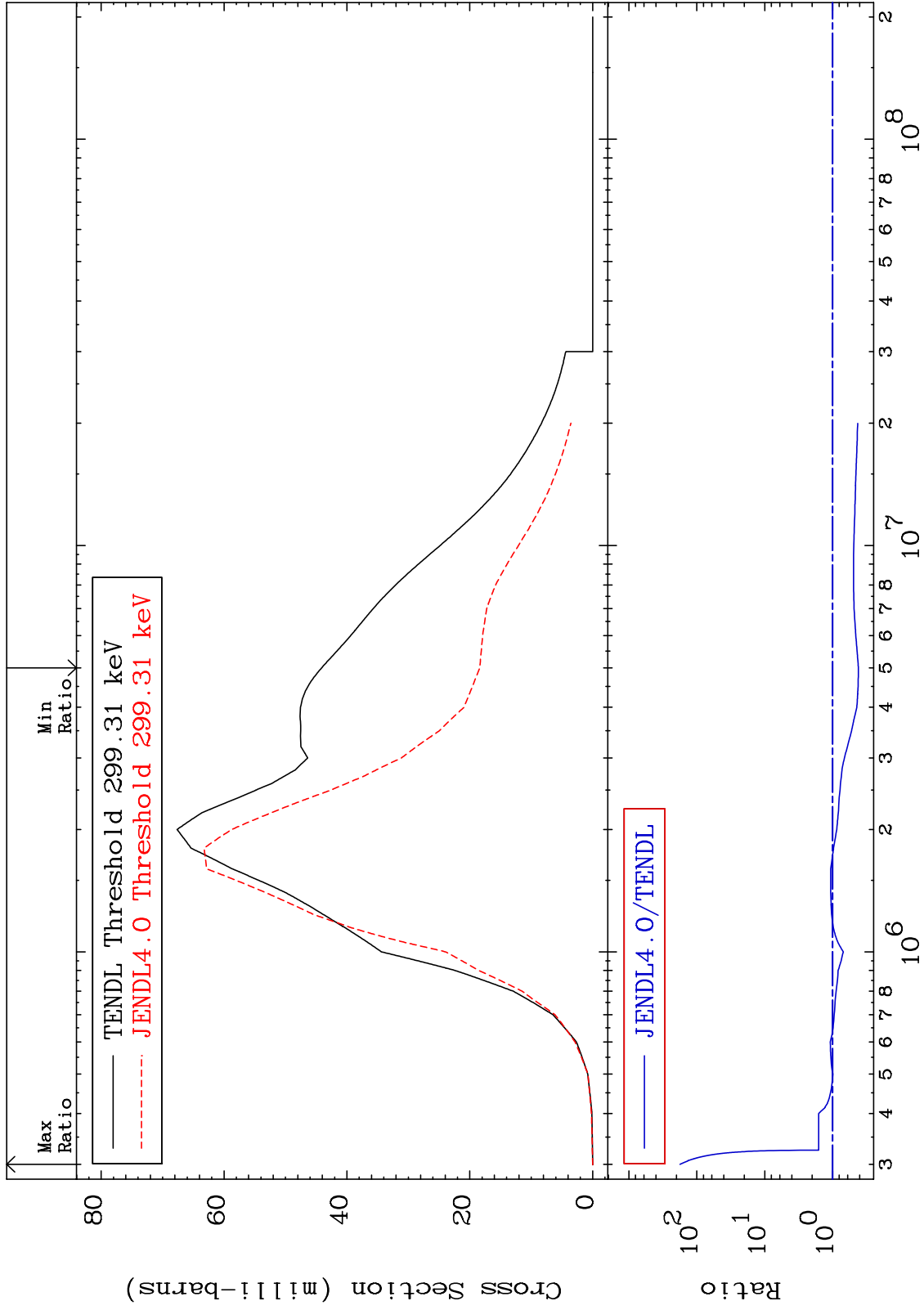
96-Cm-248



MAT 9649

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

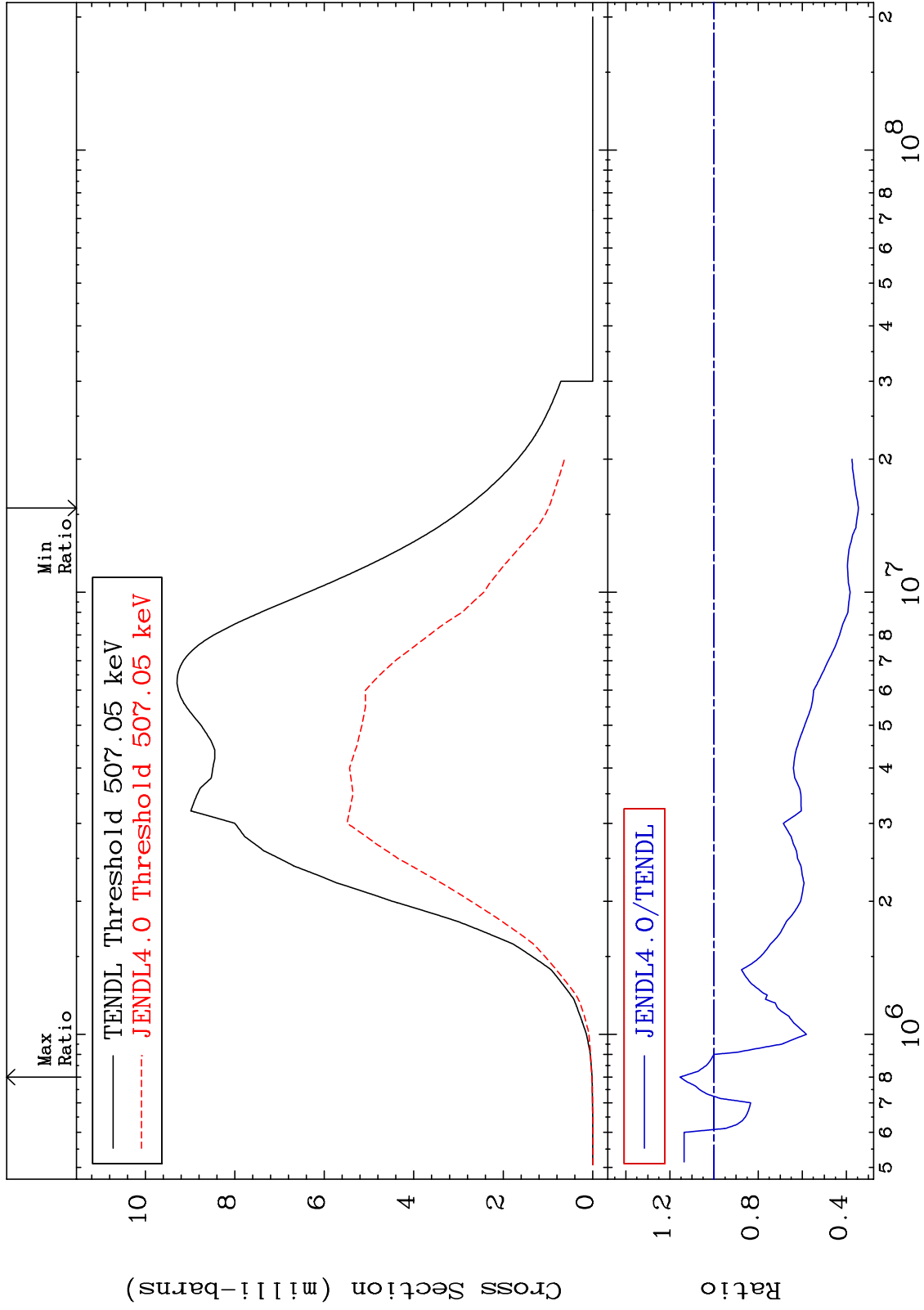
96-Cm-248
-58.33 To 9999. %



MAT 9649

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

96-Cm-248
-65.45 To 15.43 %



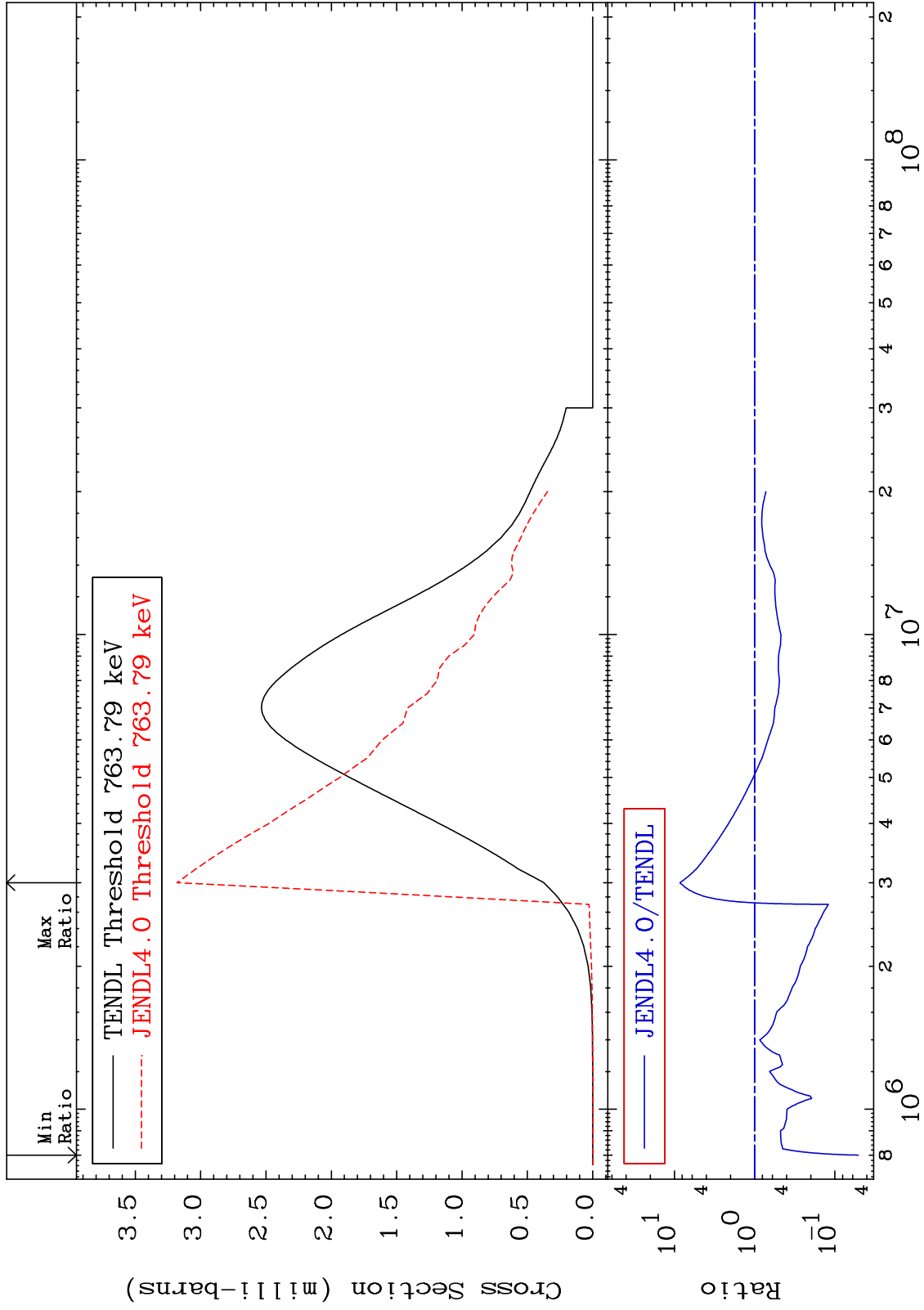
15

96-Cm-248

MAT 9649

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

96-Cm-248
-94.91 To 751.1 %



16

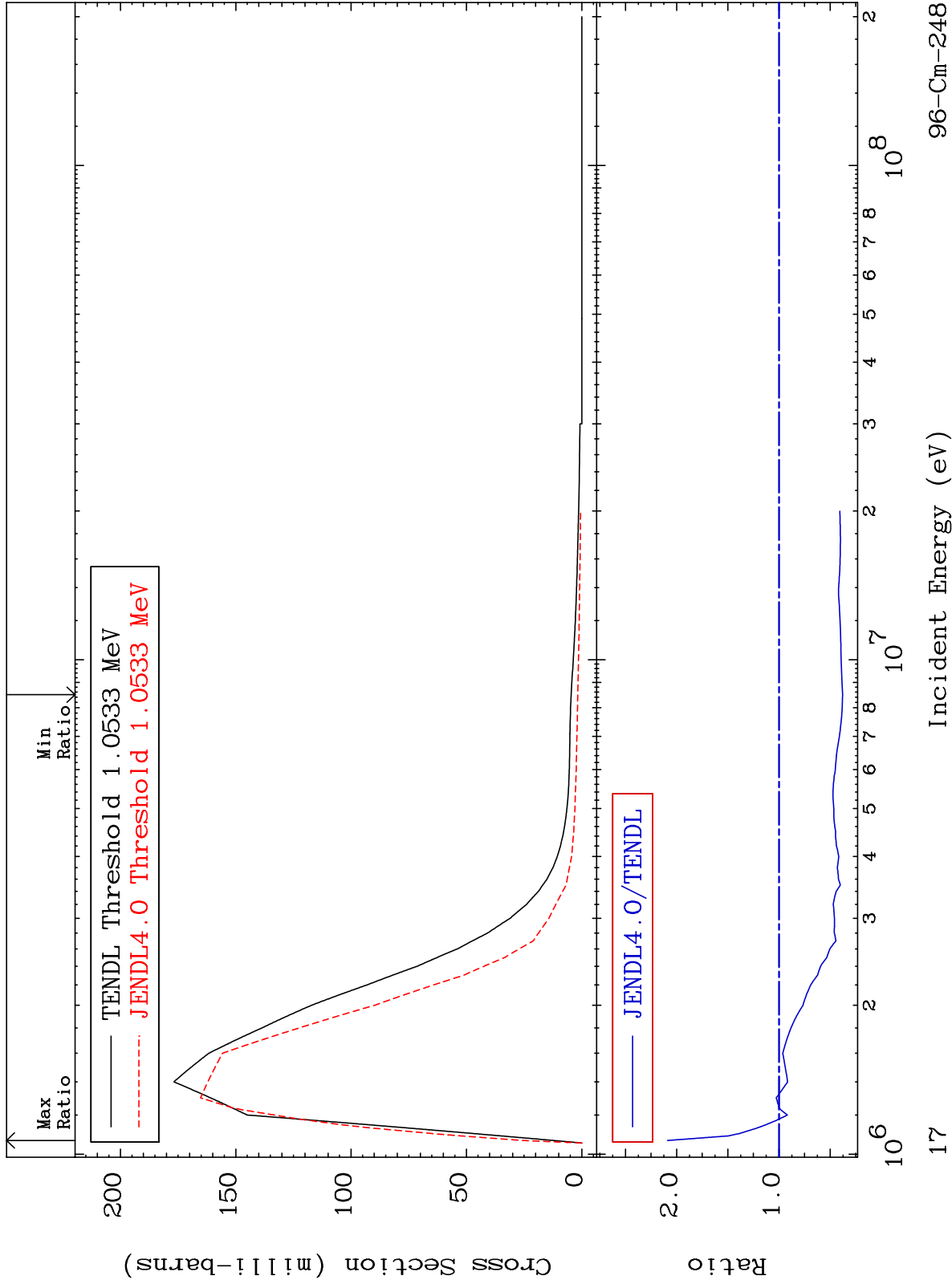
Incident Energy (eV)

96-Cm-248

MAT 9649

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

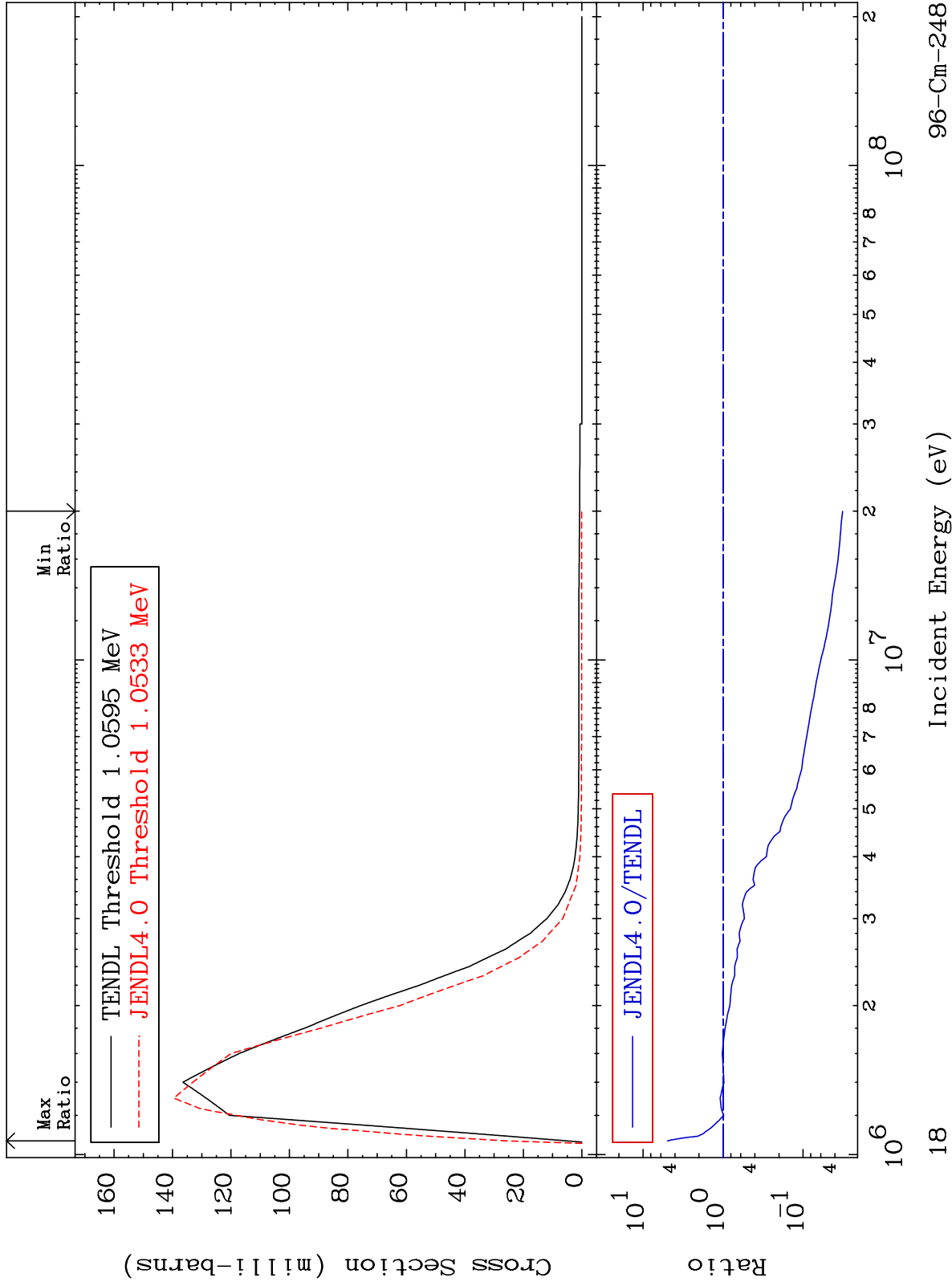
96-Cm-248
-62.19 To 108.9 %



MAT 9649

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

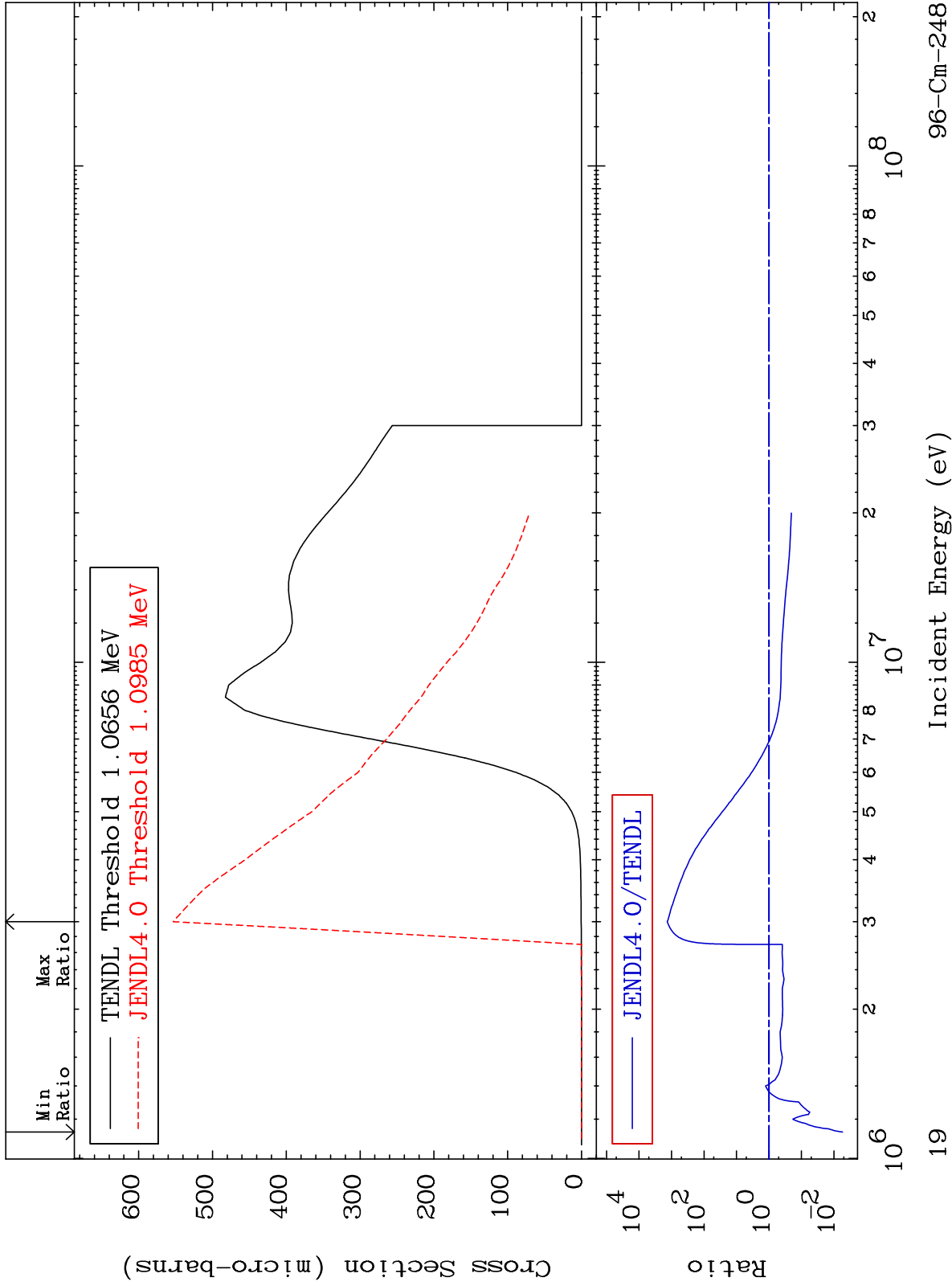
96-Cm-248
-96.80 To 394.2 %



MAT 9649

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

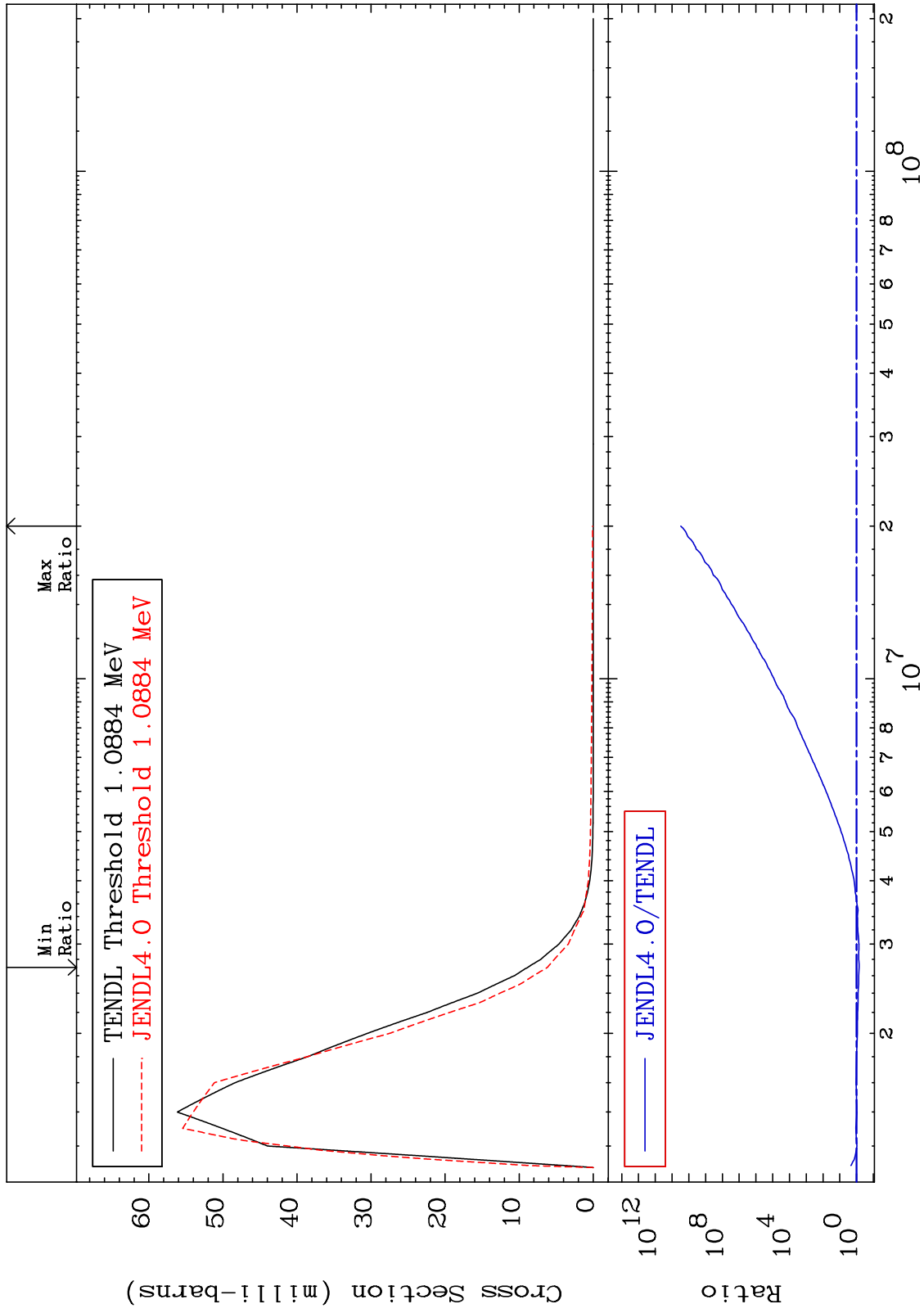
96-Cm-248
-99.46 To 9999. %



MAT 9649

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

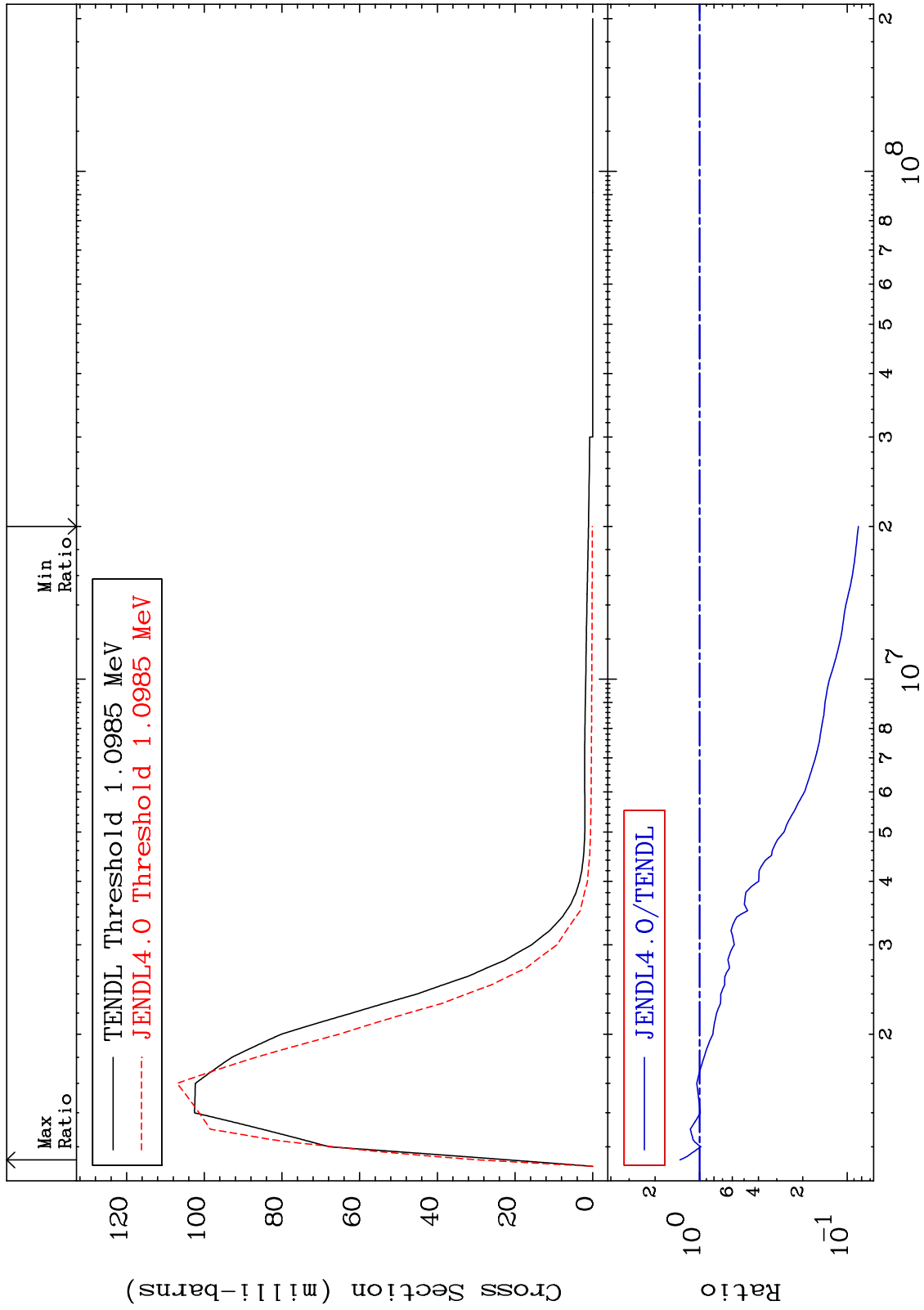
96-Cm-248
-30.23 To 9999. %



MAT 9649

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

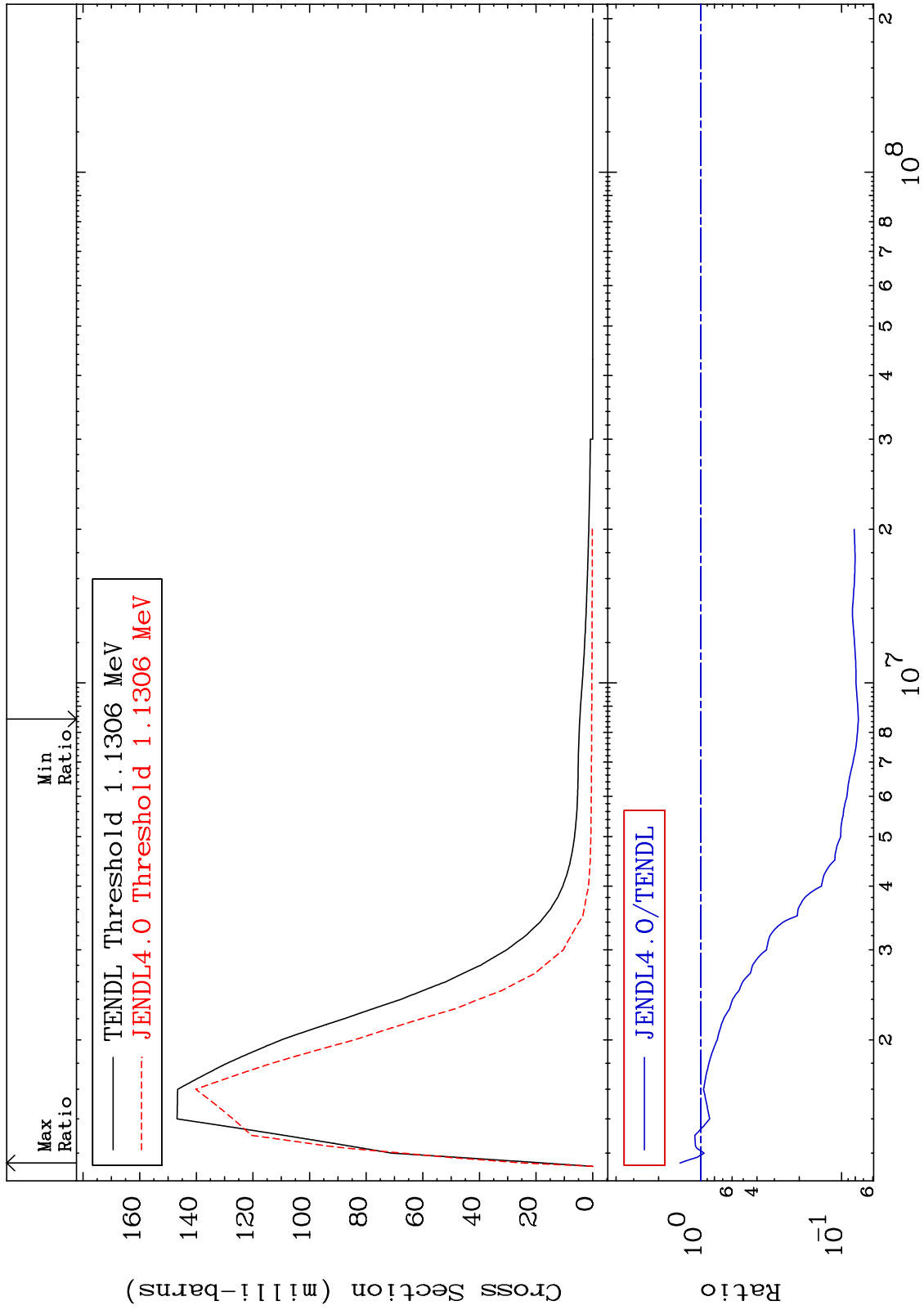
96-Cm-248
-91.60 To 35.77 %



MAT 9649

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

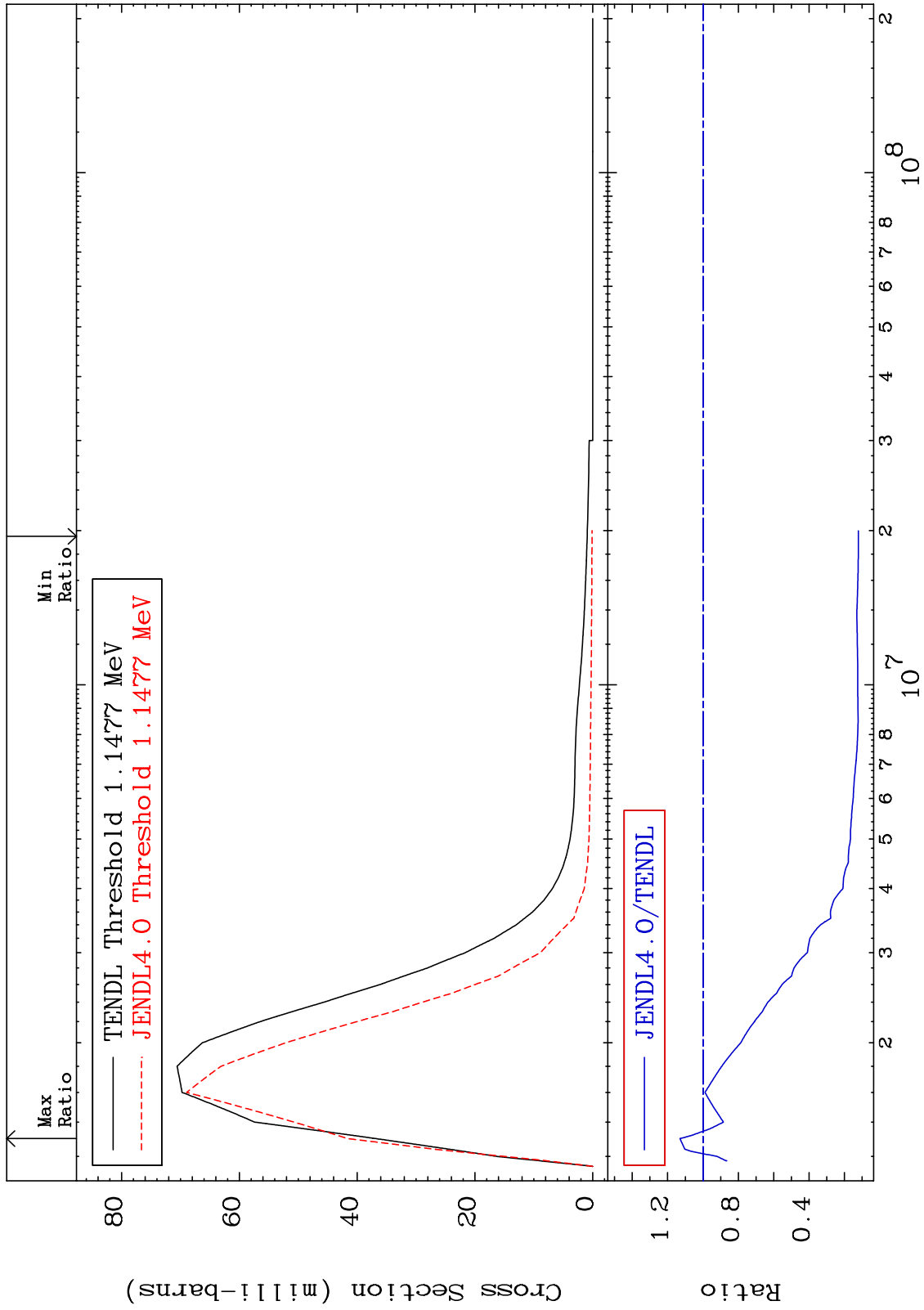
96-Cm-248
-92.40 To 40.65 %



MAT 9649

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

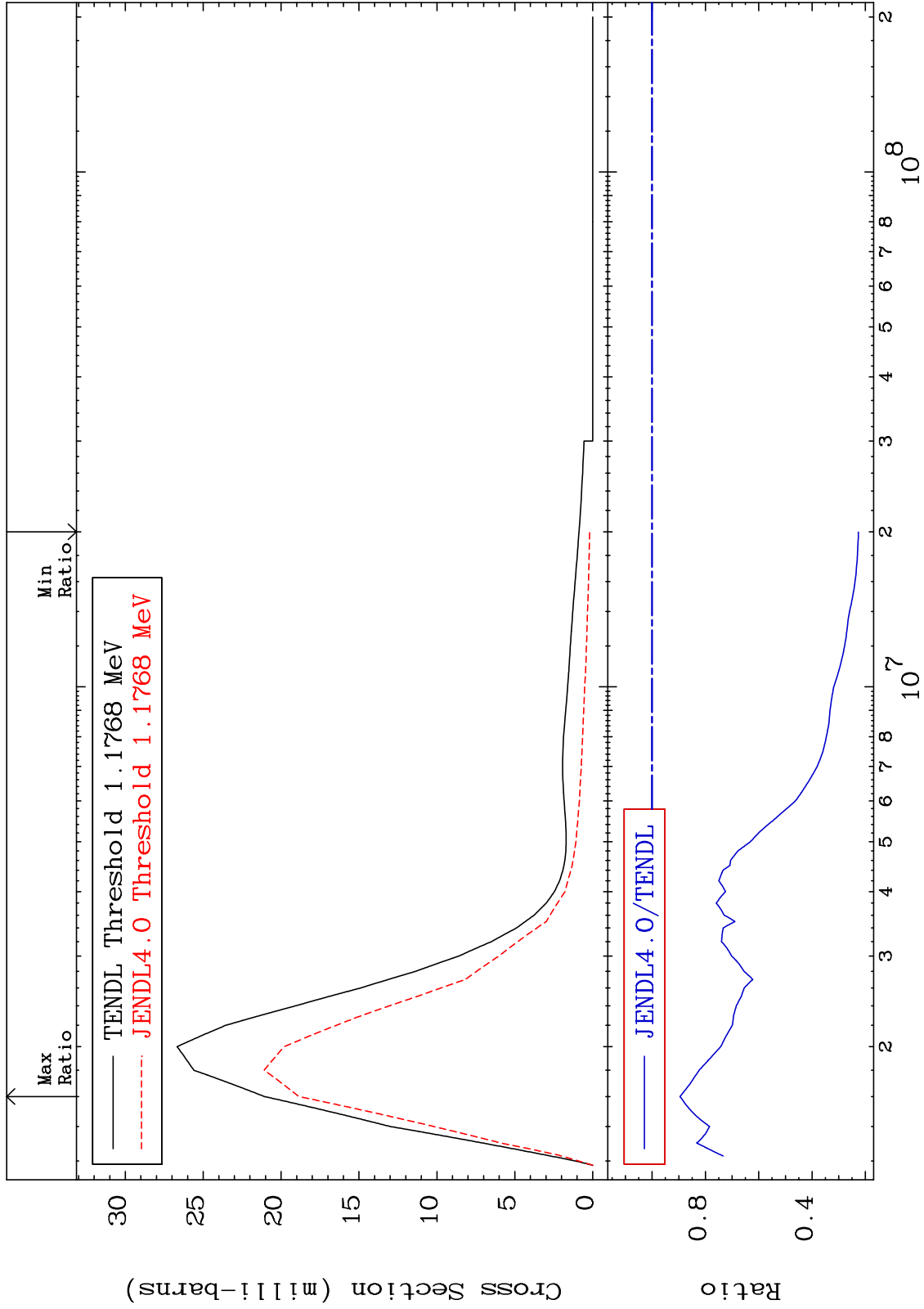
96-Cm-248
-87.87 To 12.99 %



MAT 9649

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

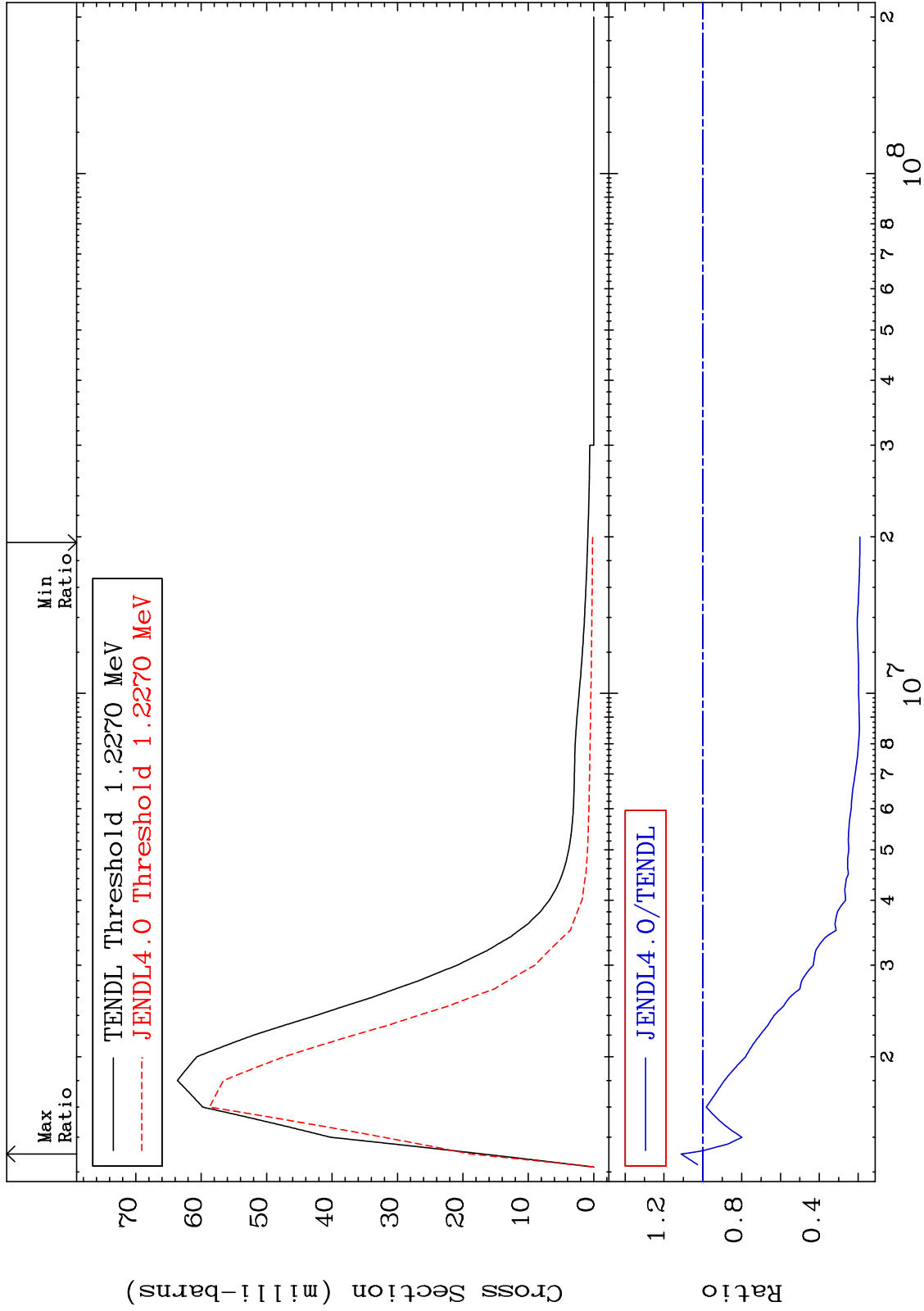
96-Cm-248
-77.37 To -10.47%



MAT 9649

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

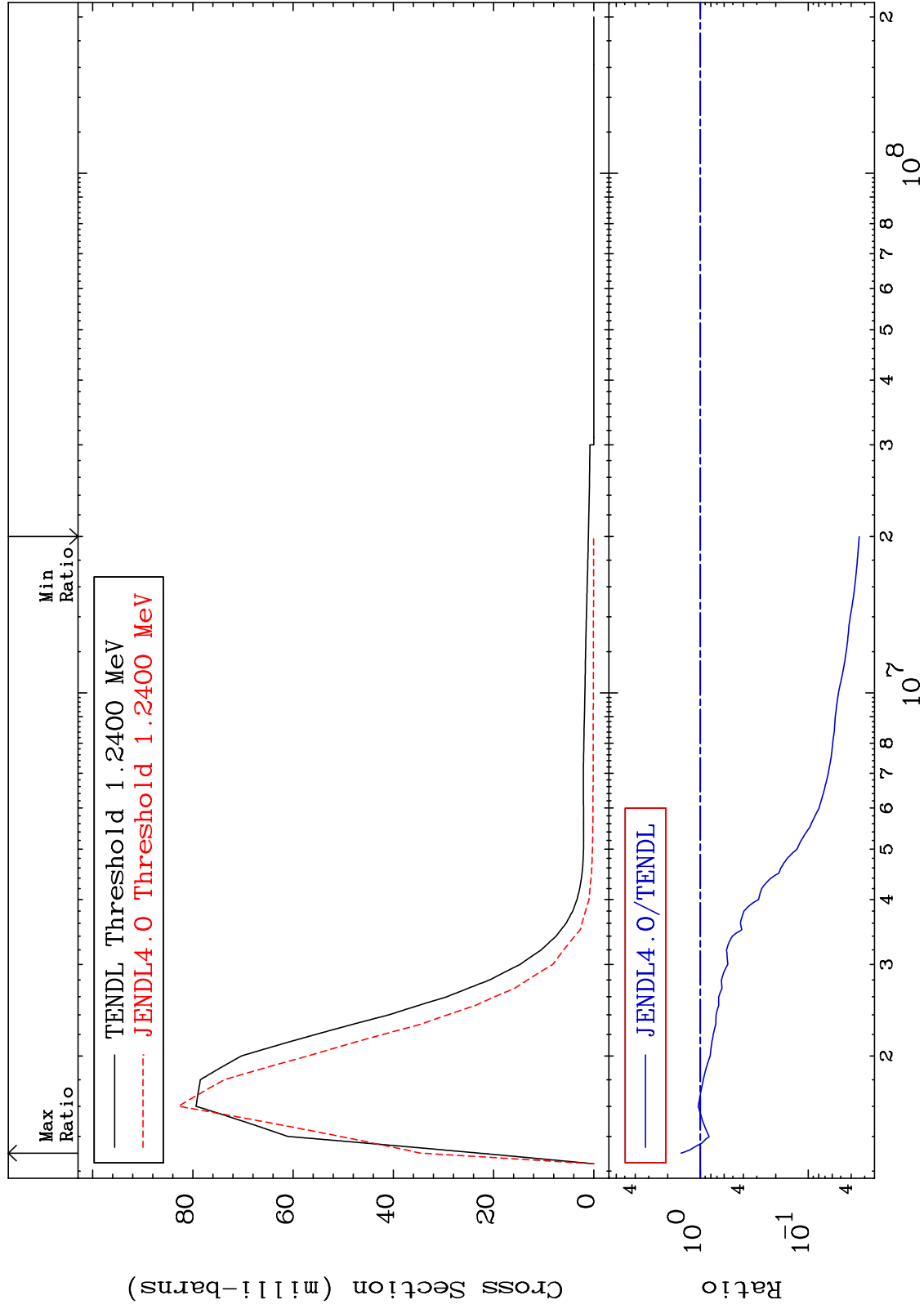
96-Cm-248
-80.91 To 11.12 %



MAT 9649

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

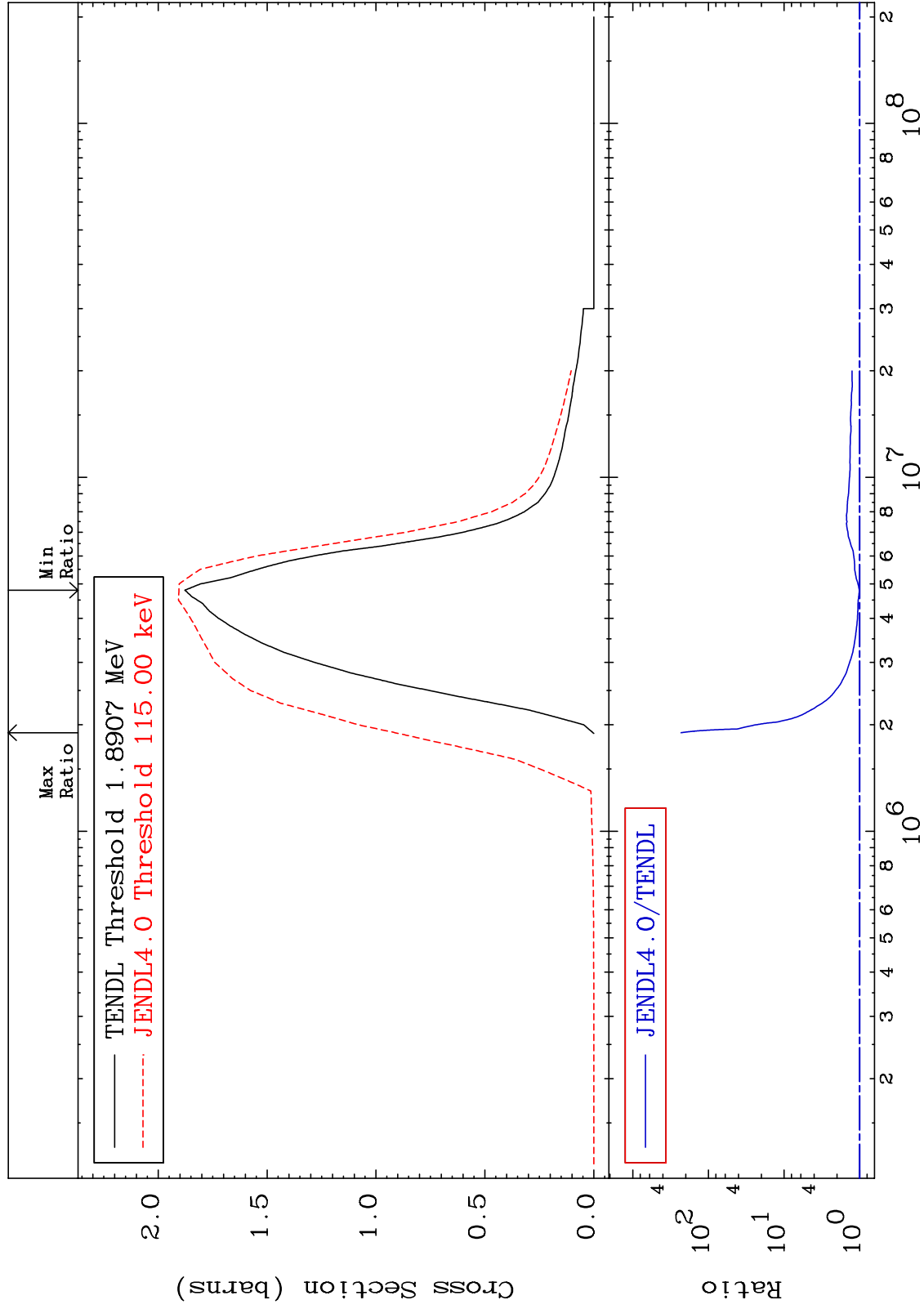
96-Cm-248
-96.63 To 50.66 %



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(n, n') Continuum
Cross Section

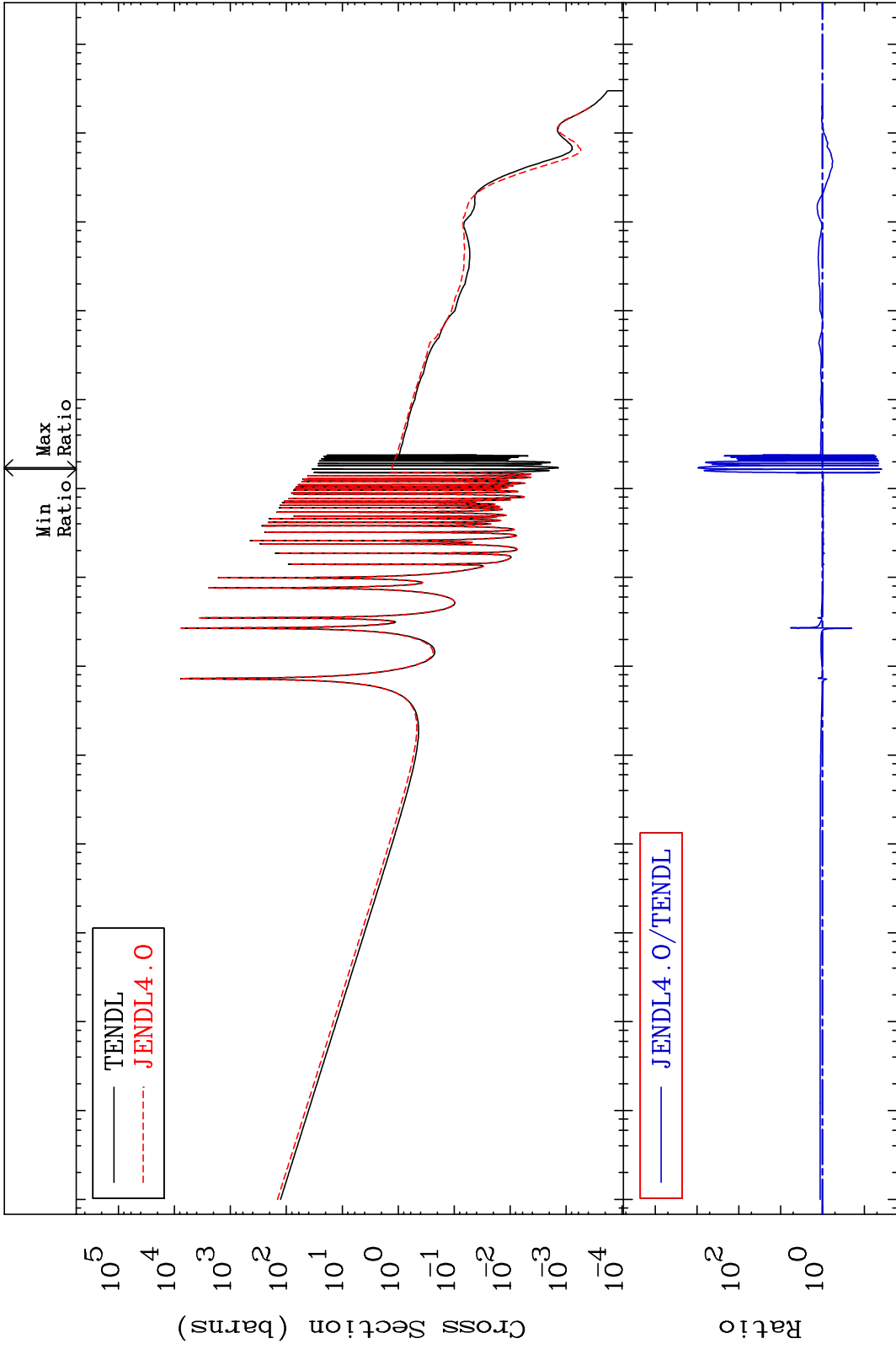
96-Cm-248
1.449 To 9999. %



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(n, γ)
Cross Section

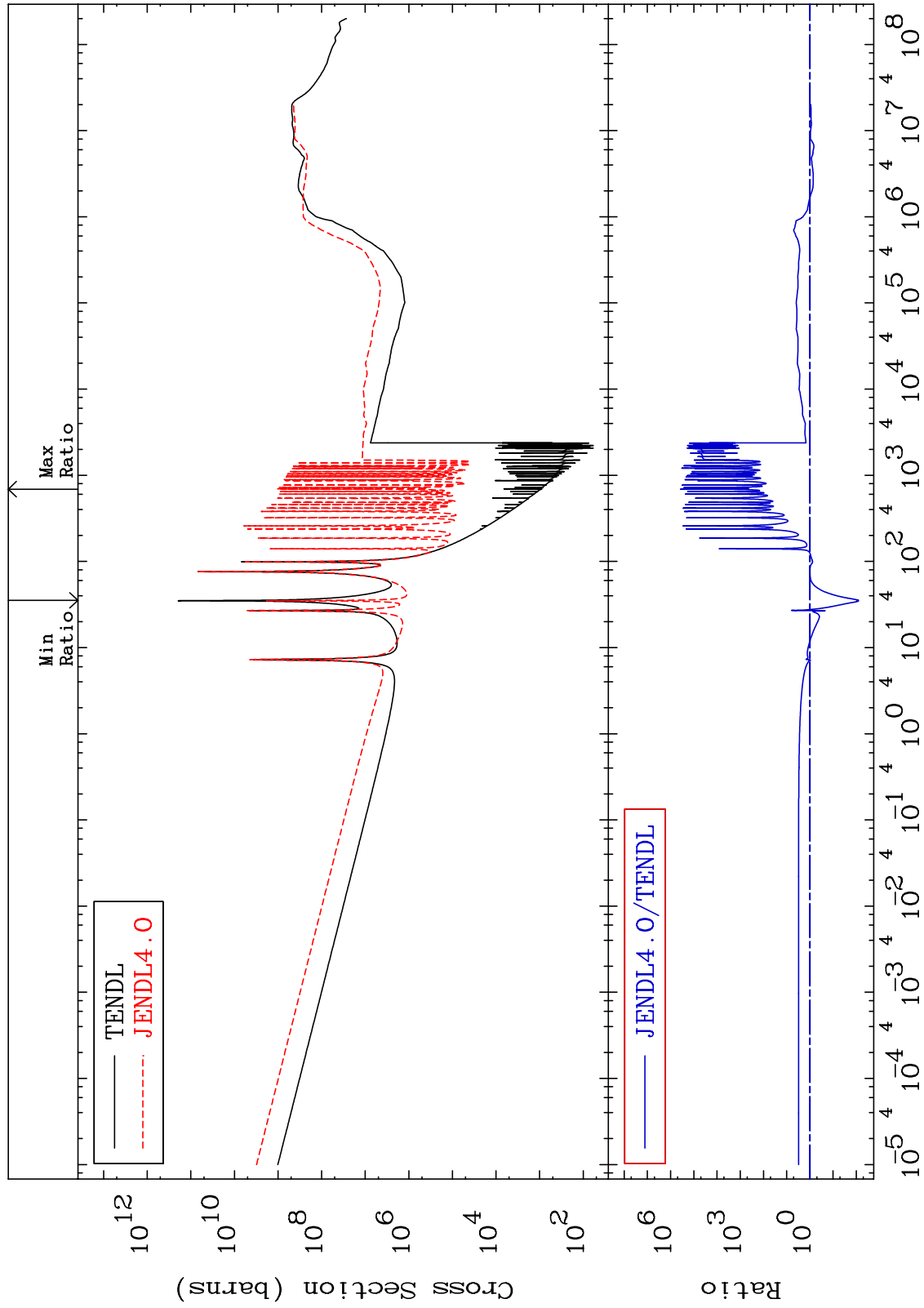
96-Cm-248
-96.13 To 9999. %



MAT 9649

Kerma total (eV-barns)
Cross Section

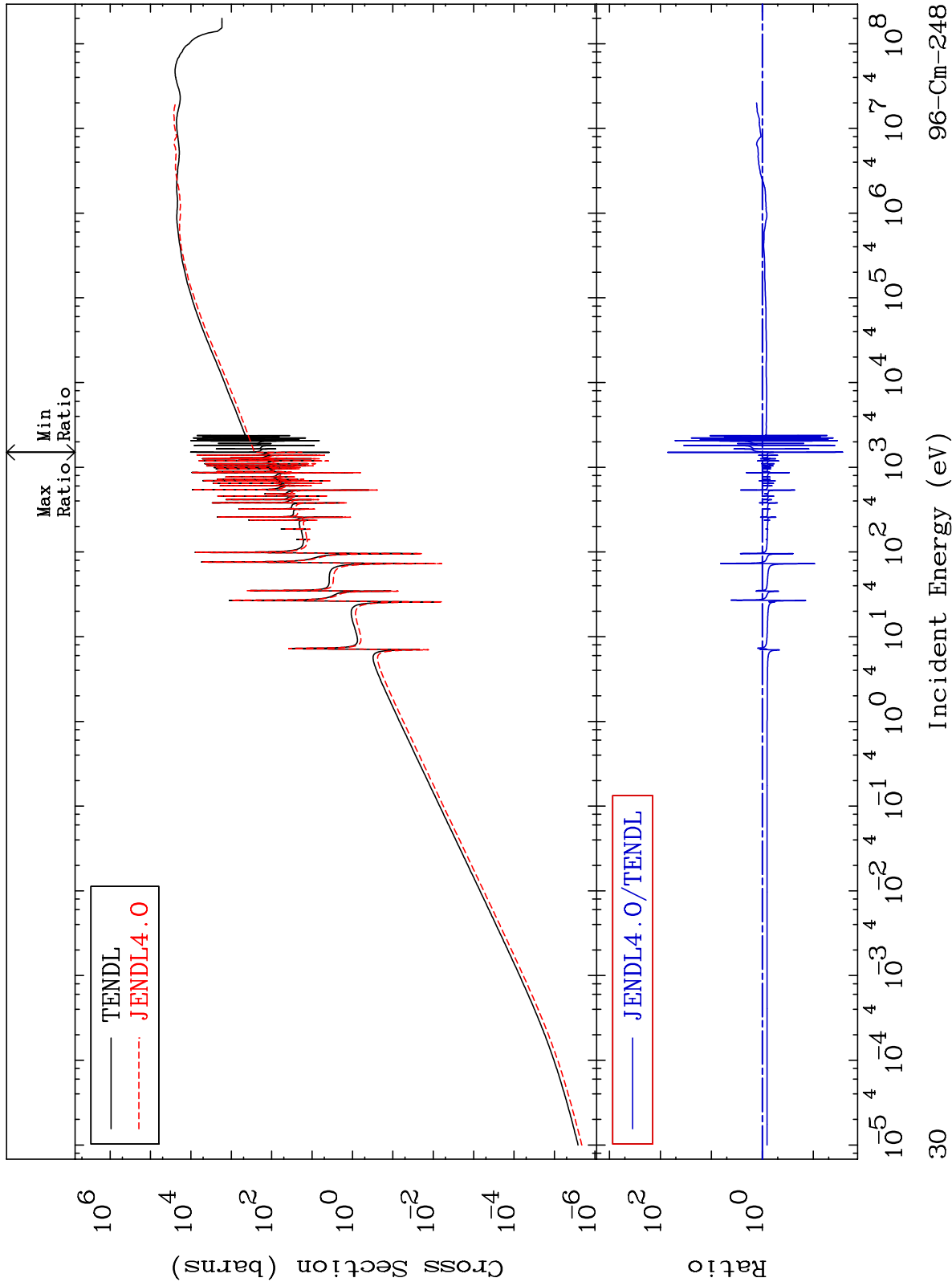
96-Cm-248
-99.20 To 9999. %



MAT 9649

Kerma elastic
Cross Section

96-Cm-248
-97.34 To 7148. %



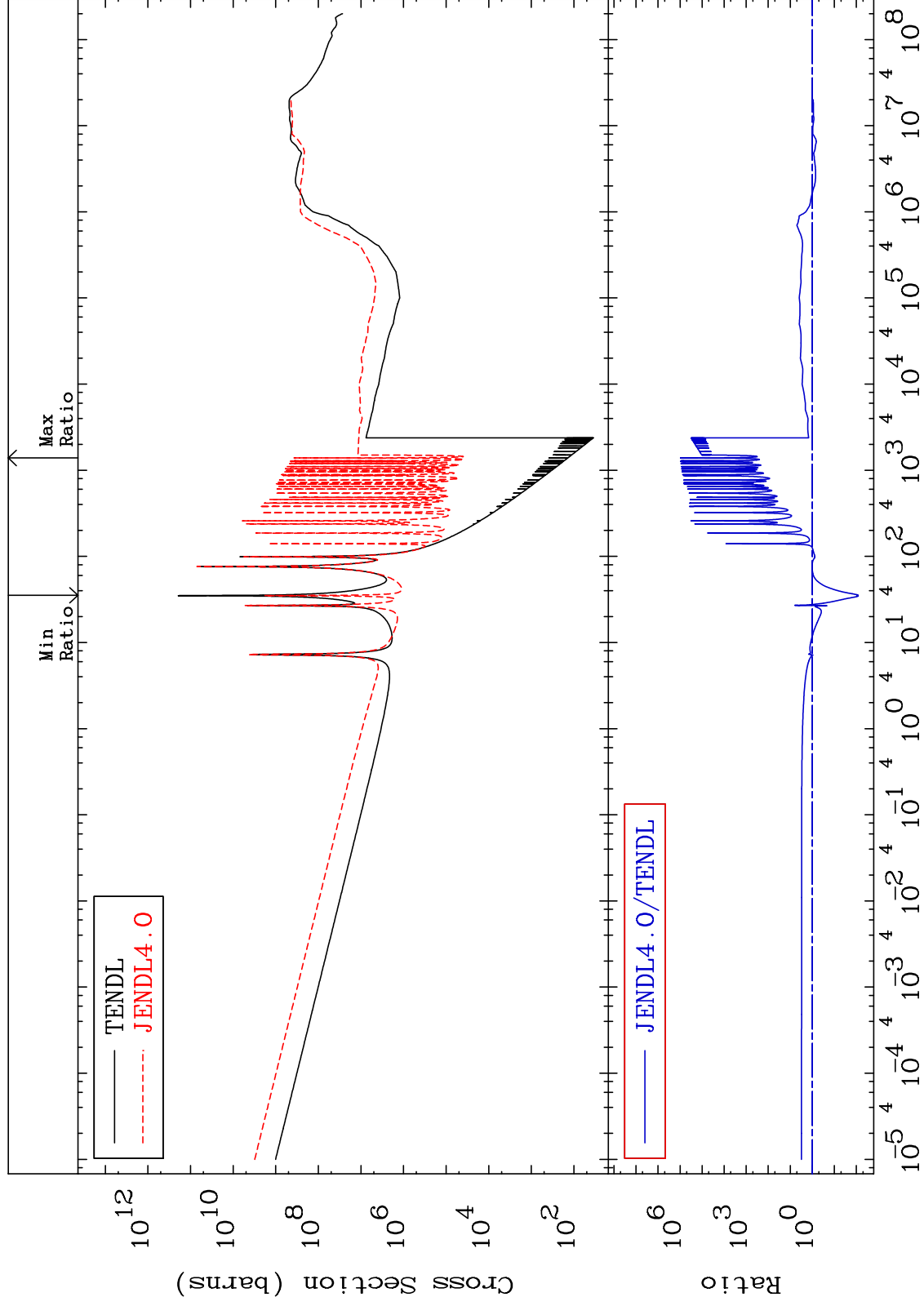
30

96-Cm-248

MAT 9649

Kerma non-elastic (all but mt2)
Cross Section

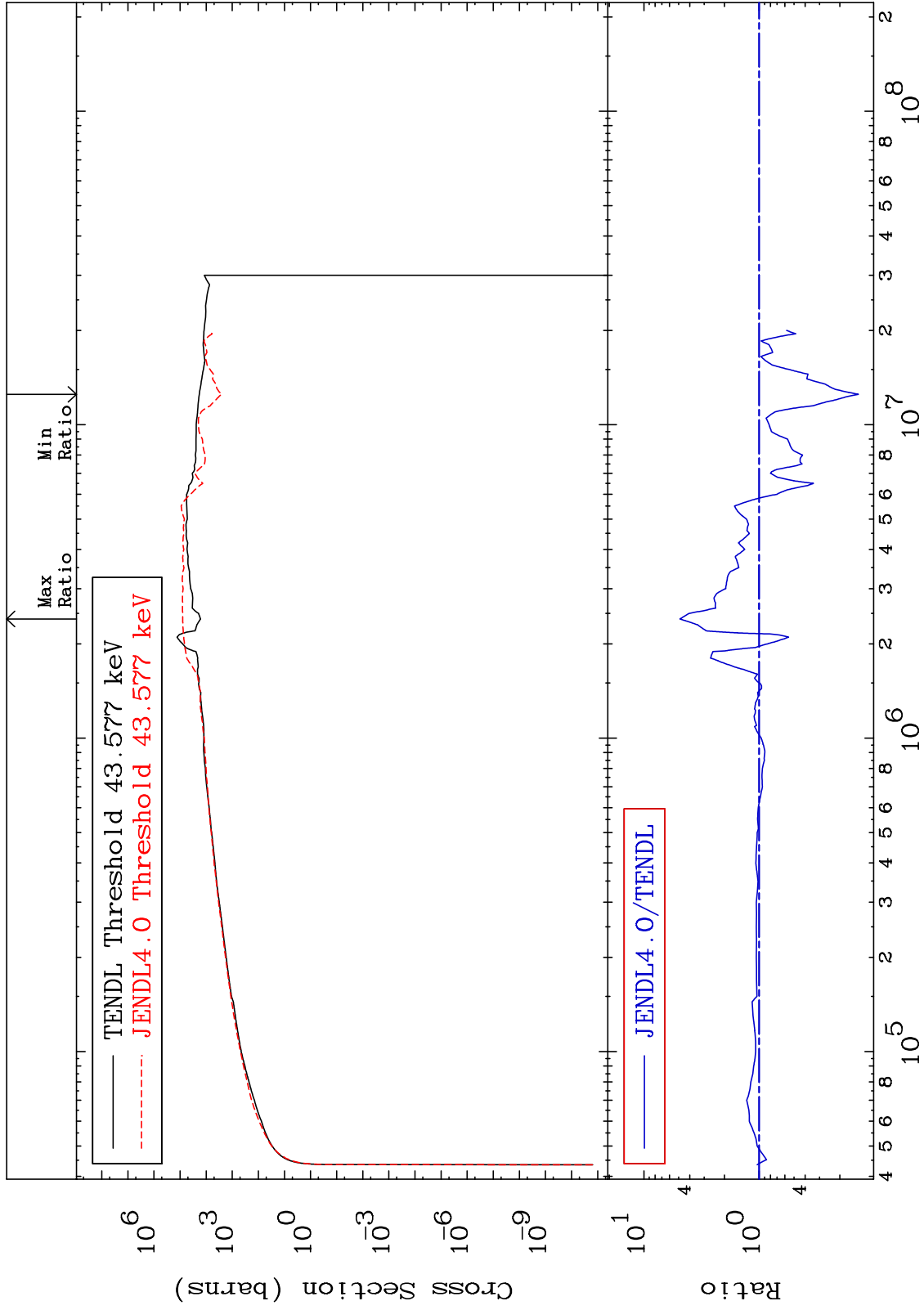
96-Cm-248
-99.20 To 9999. %



MAT 9649

Kerma inelastic (mt51-91)
Cross Section

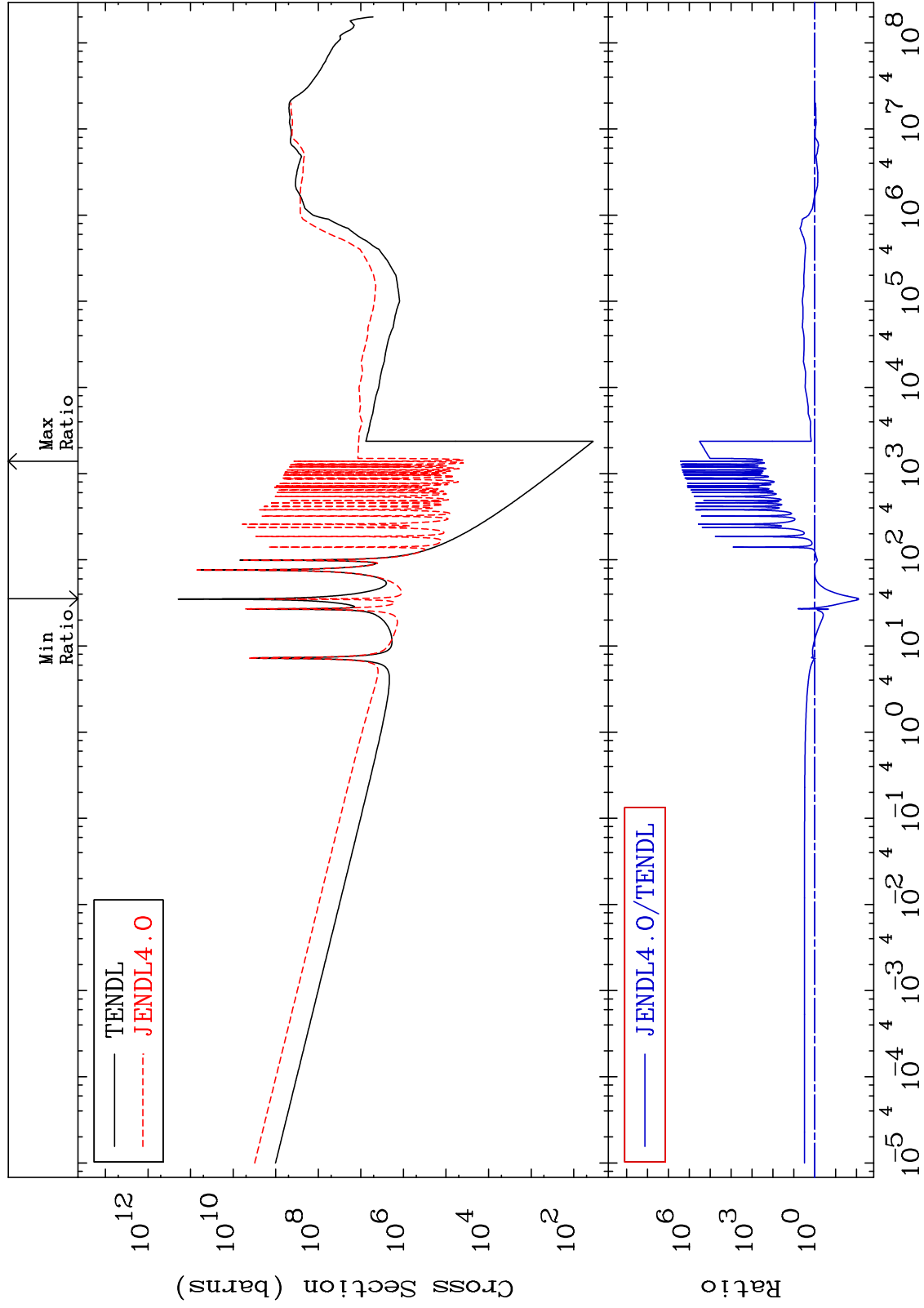
96-Cm-248
-86.22 To 386.8 %



MAT 9649

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

96-Cm-248
-99.20 To 9999. %



33

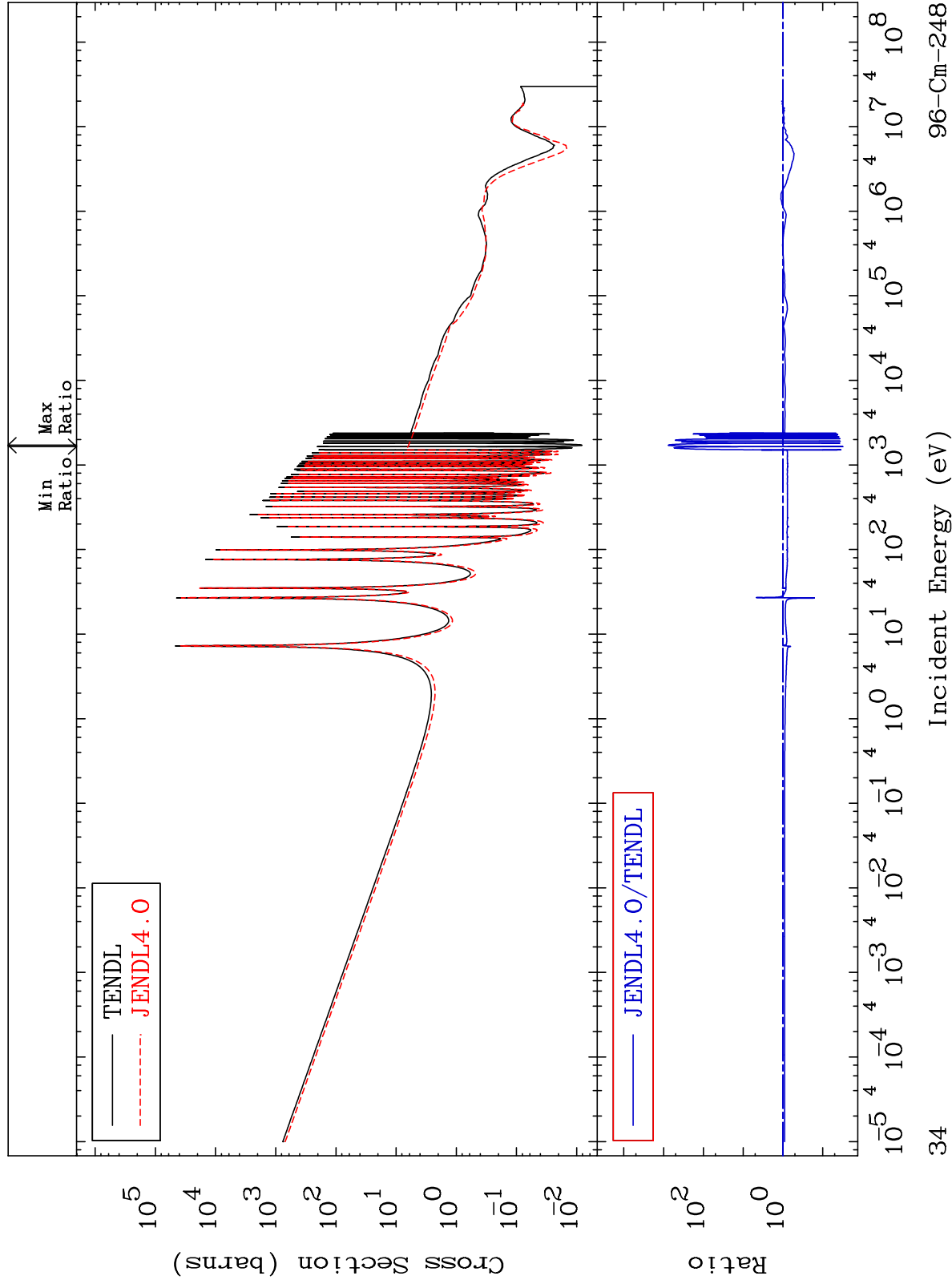
Incident Energy (eV)

96-Cm-248

MAT 9649

Kerma capture (mt102)
Cross Section

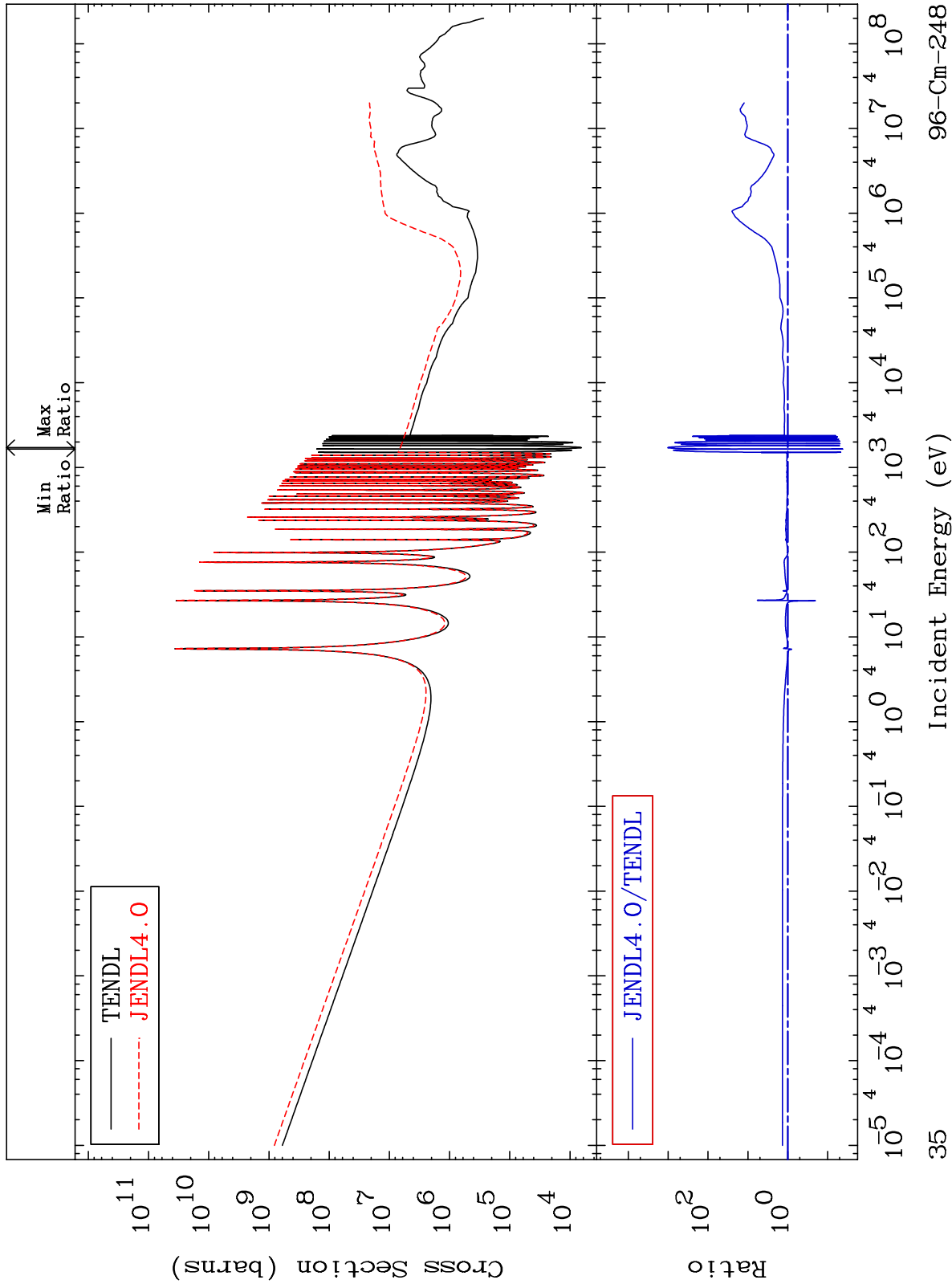
96-Cm-248
-96.87 To 9999. %



MAT 9649

Total photon (eV-barns)
Cross Section

96-Cm-248
-95.81 To 9999. %



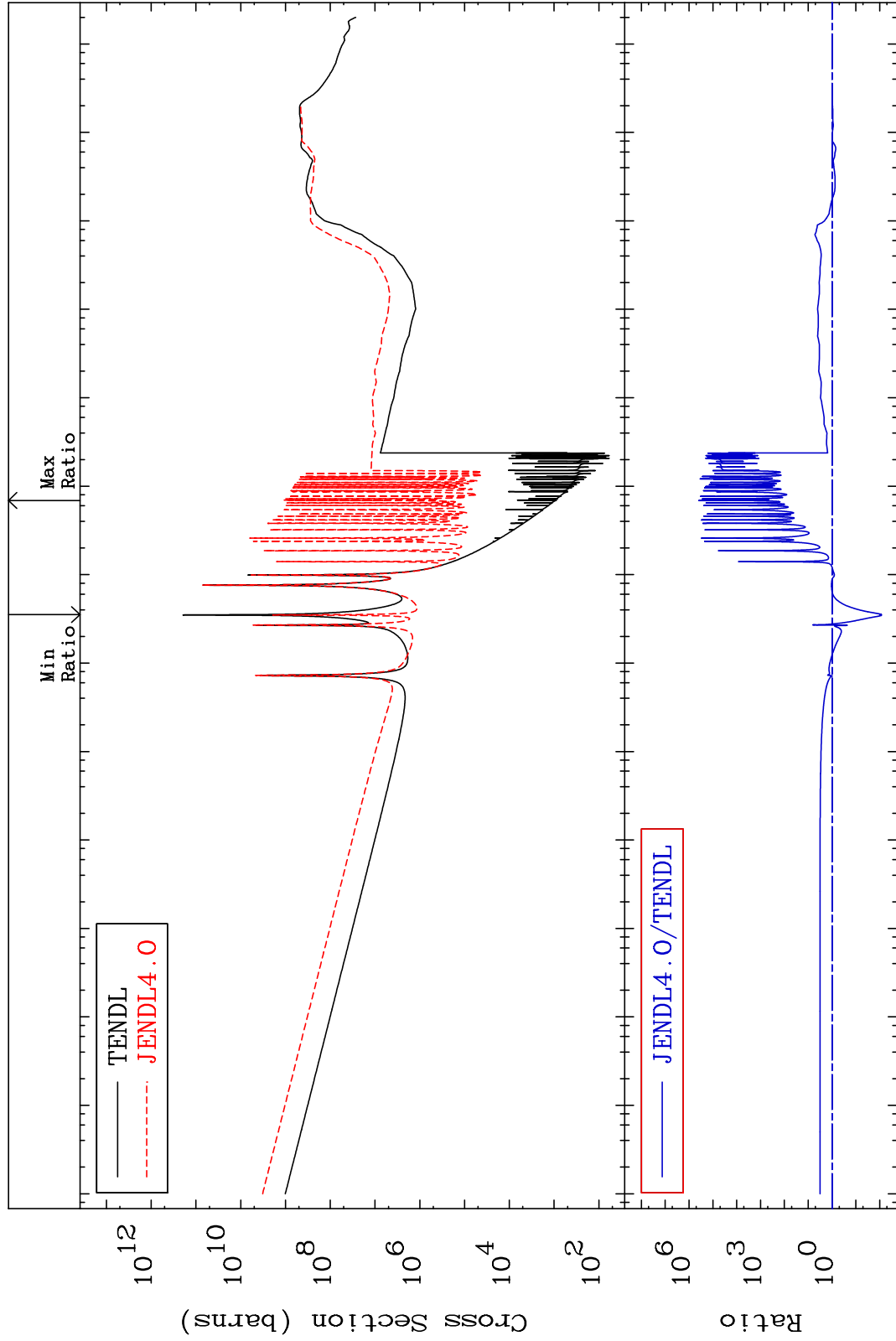
MAT 9649

Total kinematic kerma (high limit)

96-Cm-248

-99.16 To 9999. %

Cross Section



36

Incident Energy (eV)

96-Cm-248

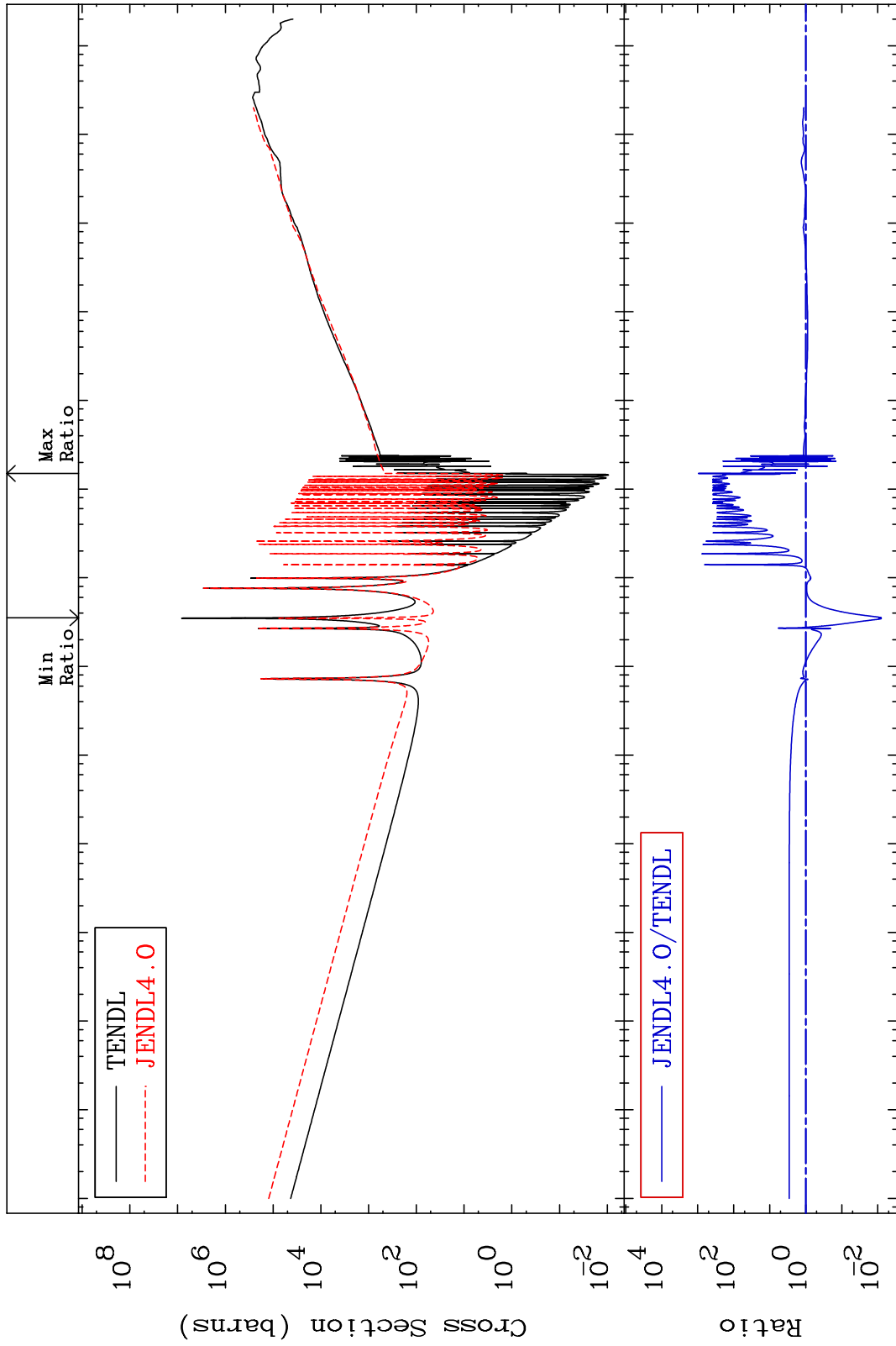
MAT 9649

Dpa total (eV-barns)

96-Cm-248

-99.22 To 9999. %

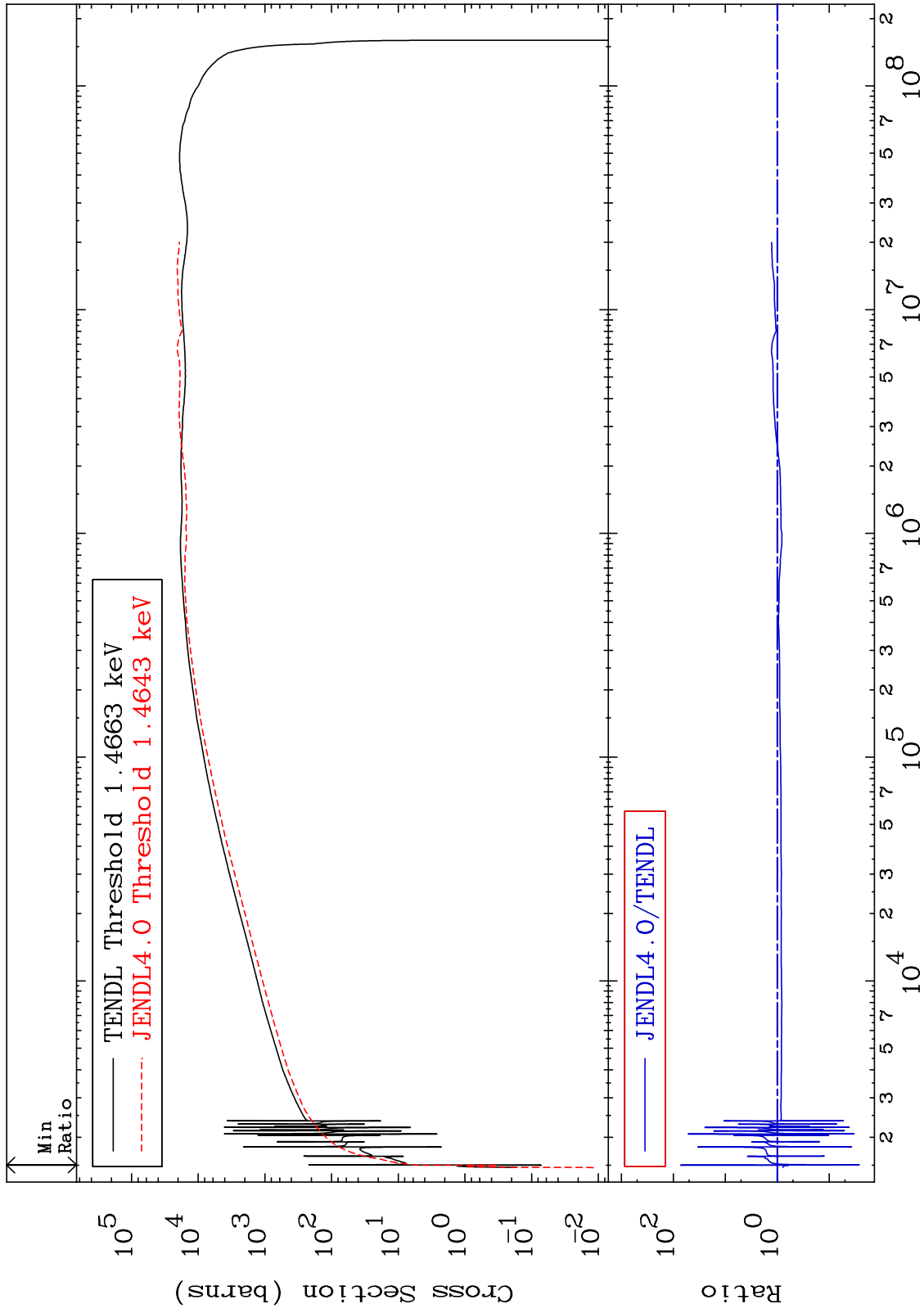
Cross Section



MAT 9649

Dpa elastic (mt2)
Cross Section

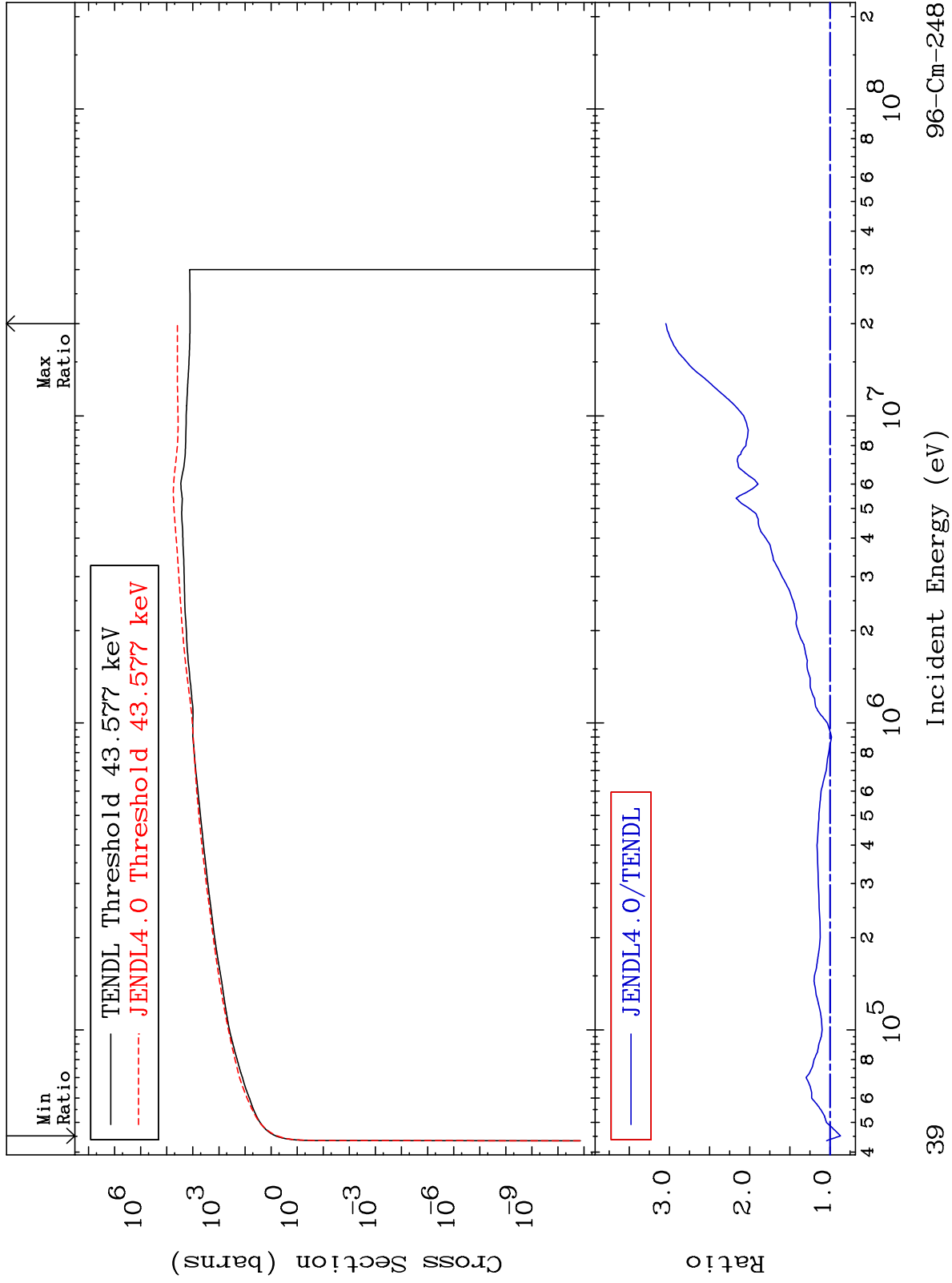
96-Cm-248
-97.35 To 7139. %



MAT 9649

Dpa inelastic (mt51-91)
Cross Section

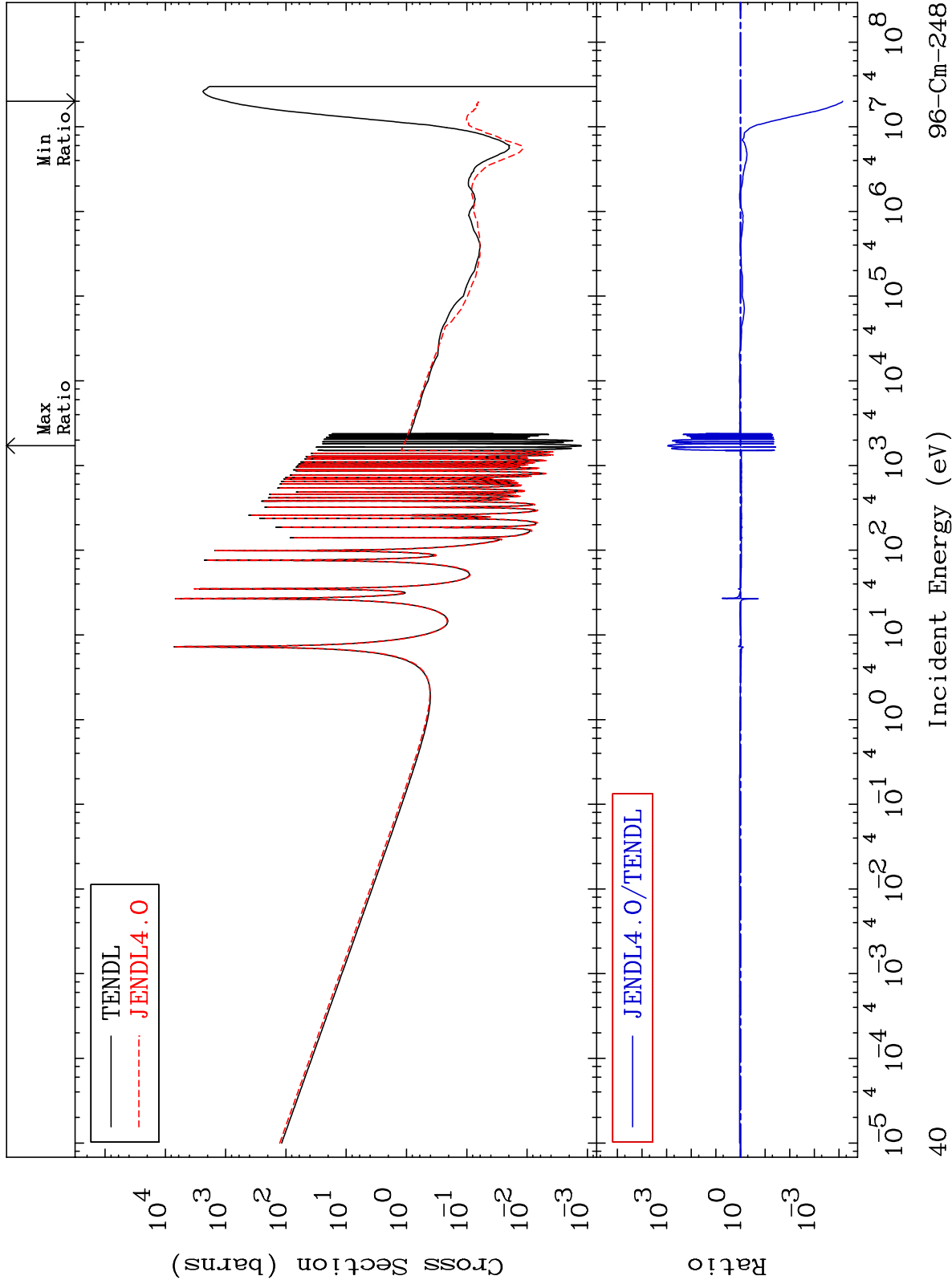
96-Cm-248
-13.05 To 204.5 %



MAT 9649

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-248
-99.99 To 9999. %



40

Incident Energy (eV)

96-Cm-248