

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

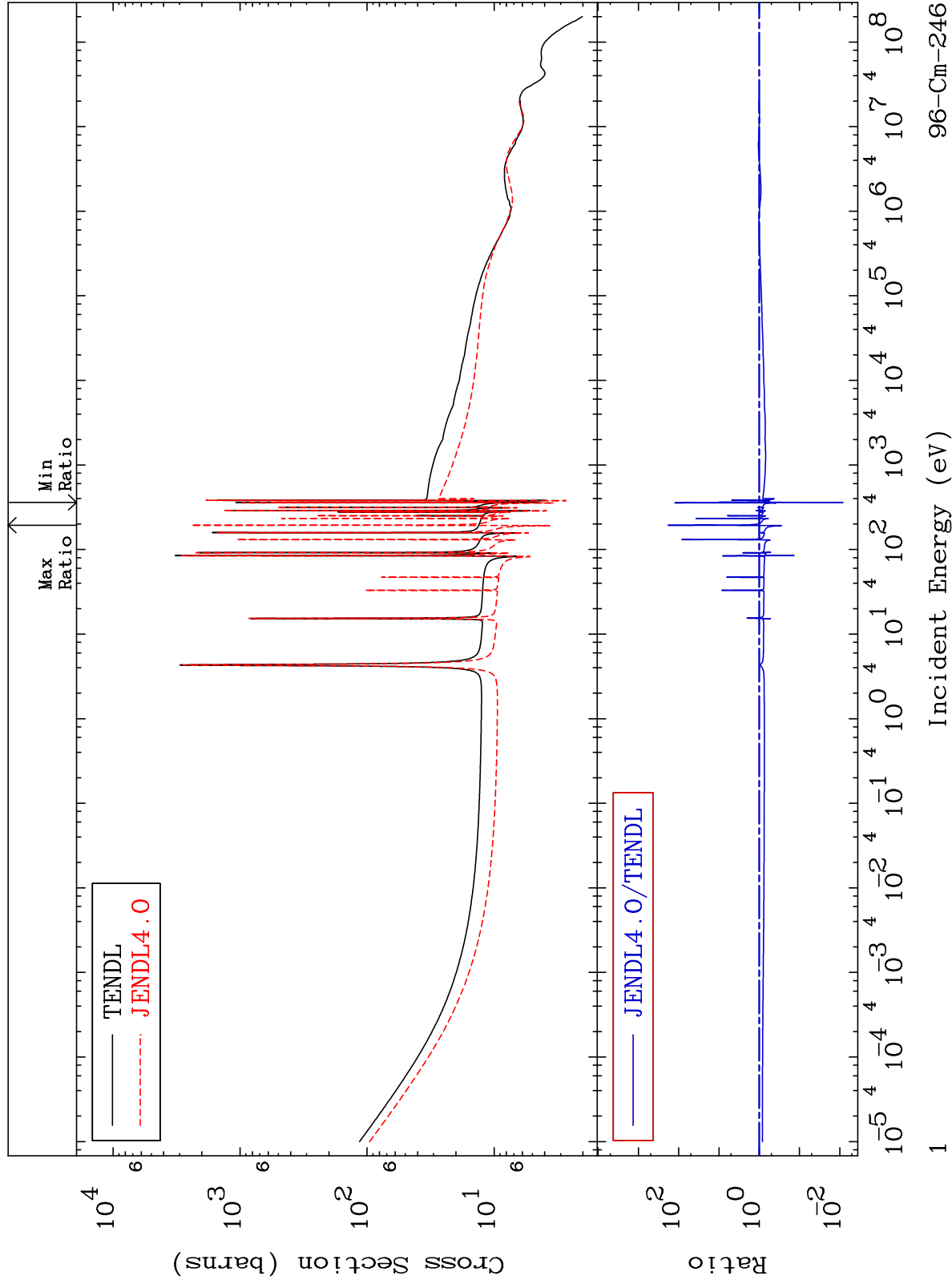
MAT 9643

Total

96-Cm-246

-99.16 To 9999. %

Cross Section



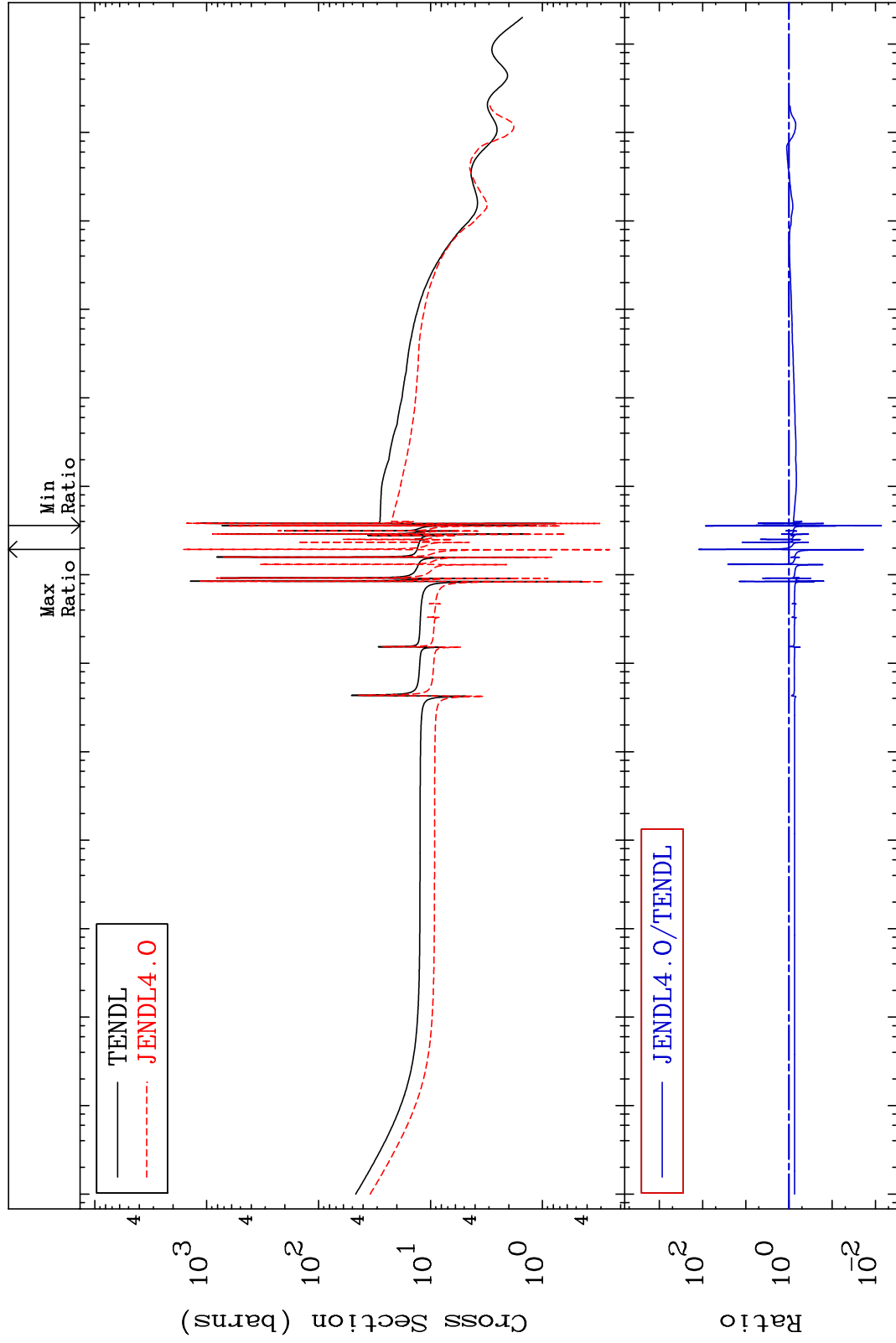
MAT 9643

Elastic

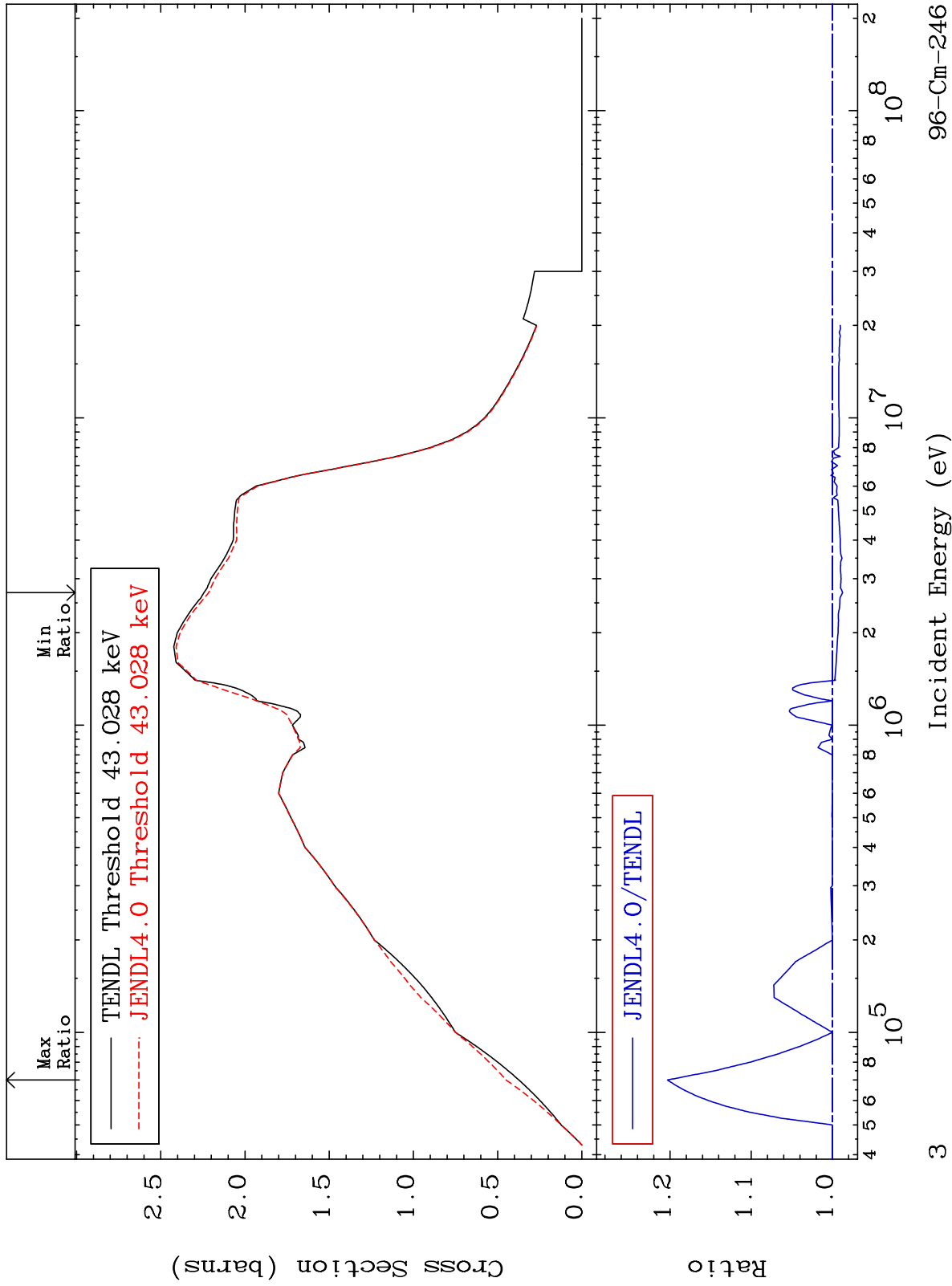
Cross Section

96-Cm-246

-99.28 To 9999. %

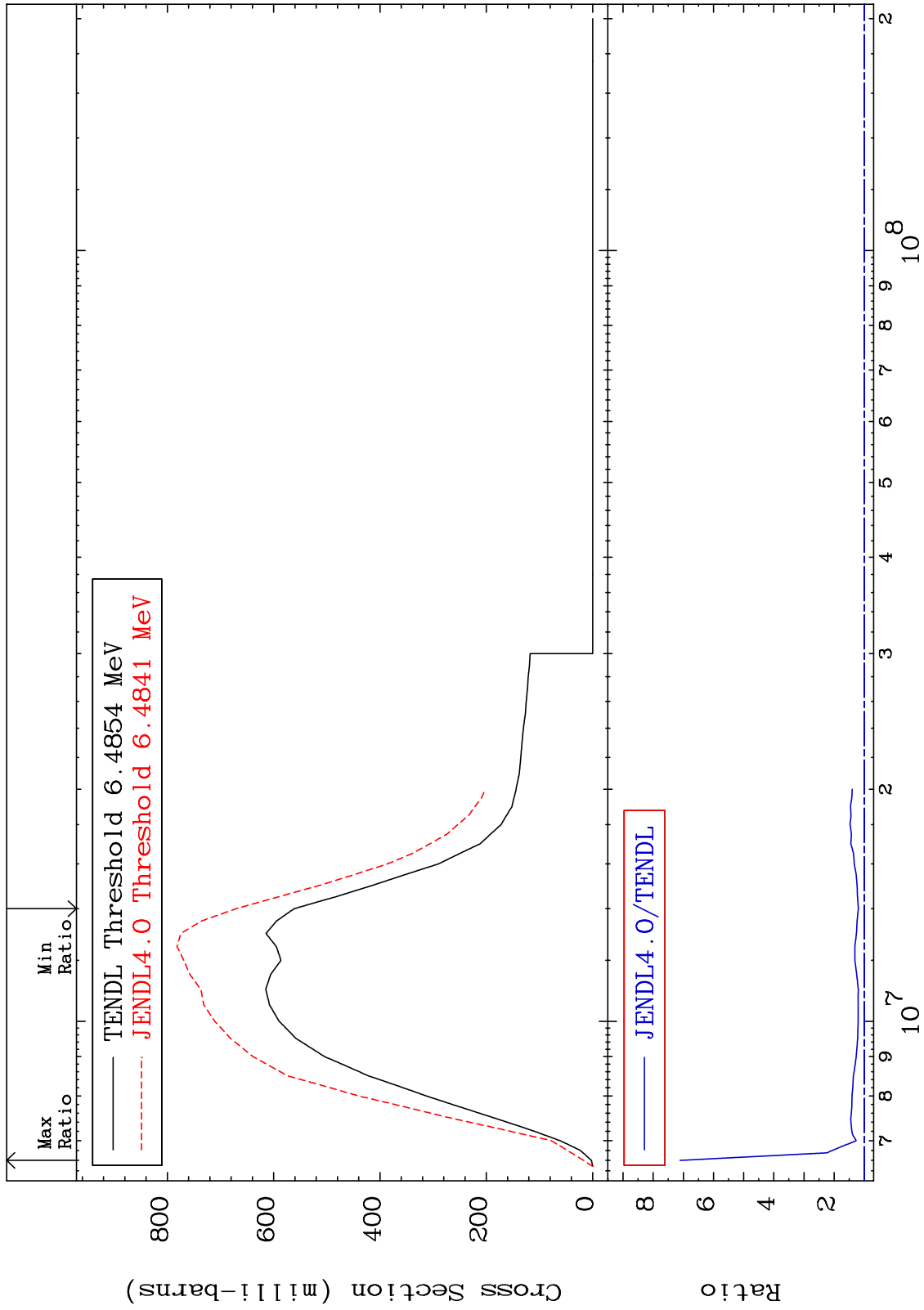


MAT 9643 Inelastic Cross Section 96-Cm-246 -1.260 To 20.30 %



3 96-Cm-246

MAT 9643 (n,2n) Cross Section 96-Cm-246 To 611.0 % 19.44



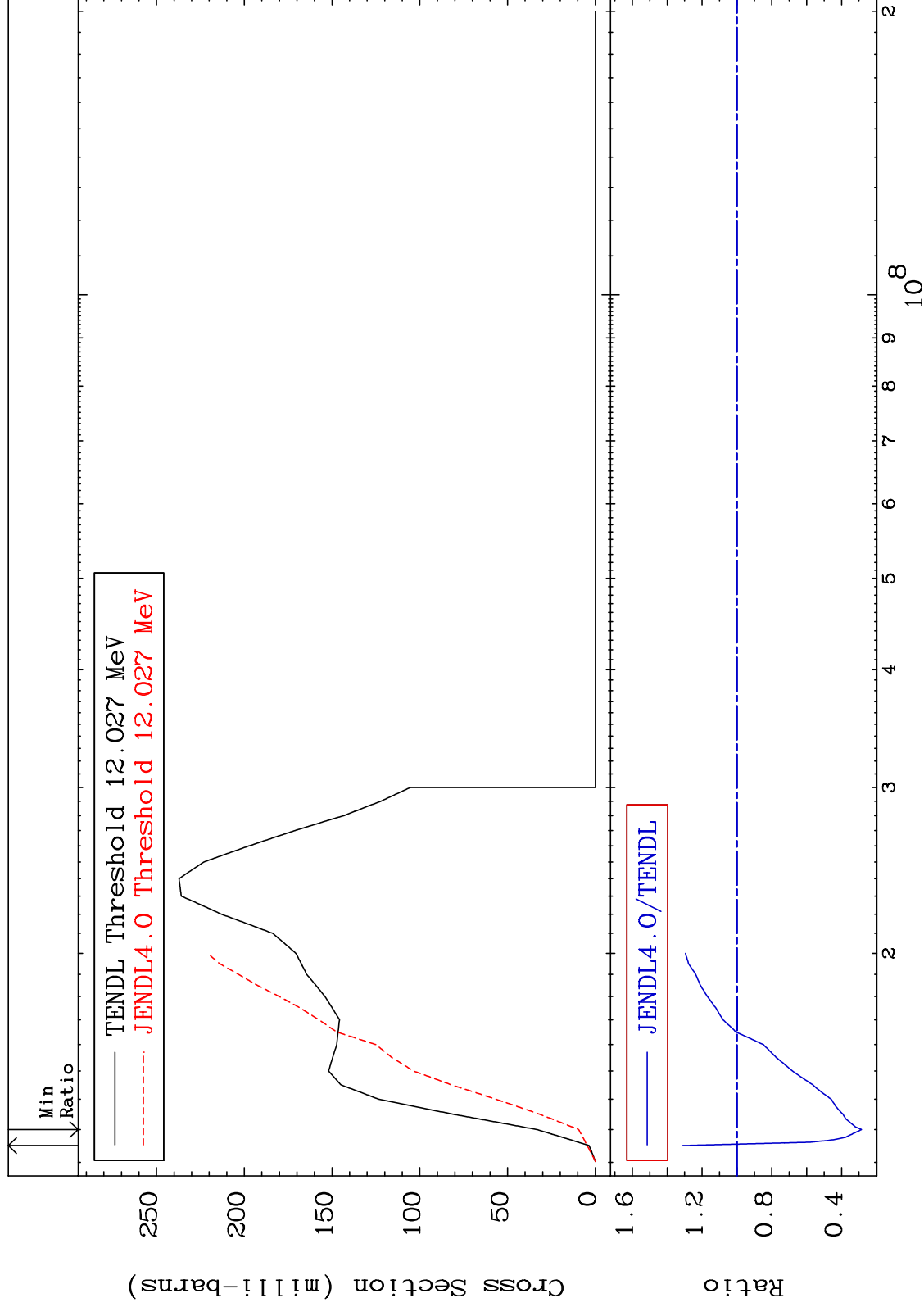
MAT 9643

(n, 3n)

96-Cm-246

Cross Section

-71.49 To 31.02 %



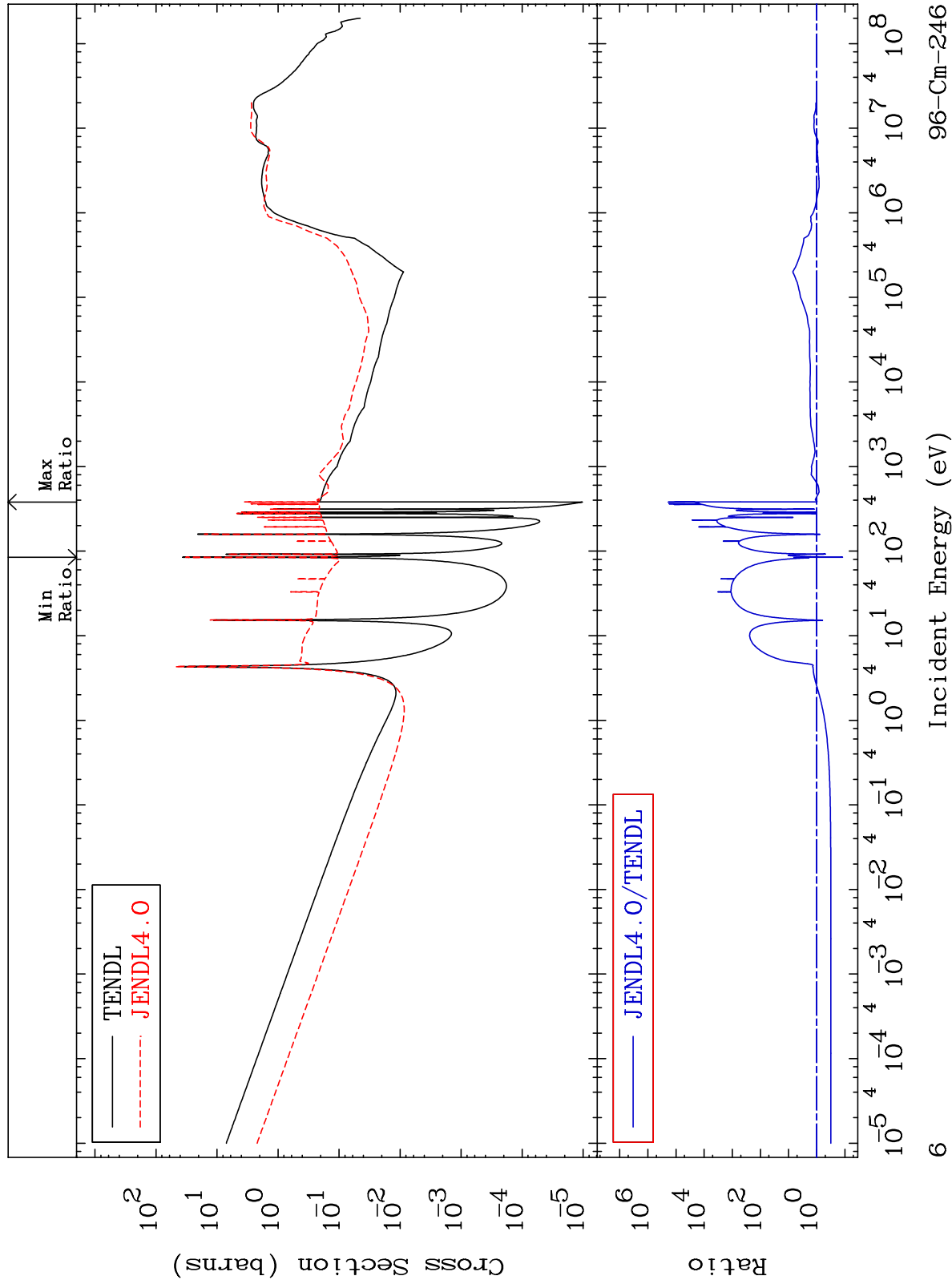
5

Incident Energy (eV)

96-Cm-246

MAT 9643

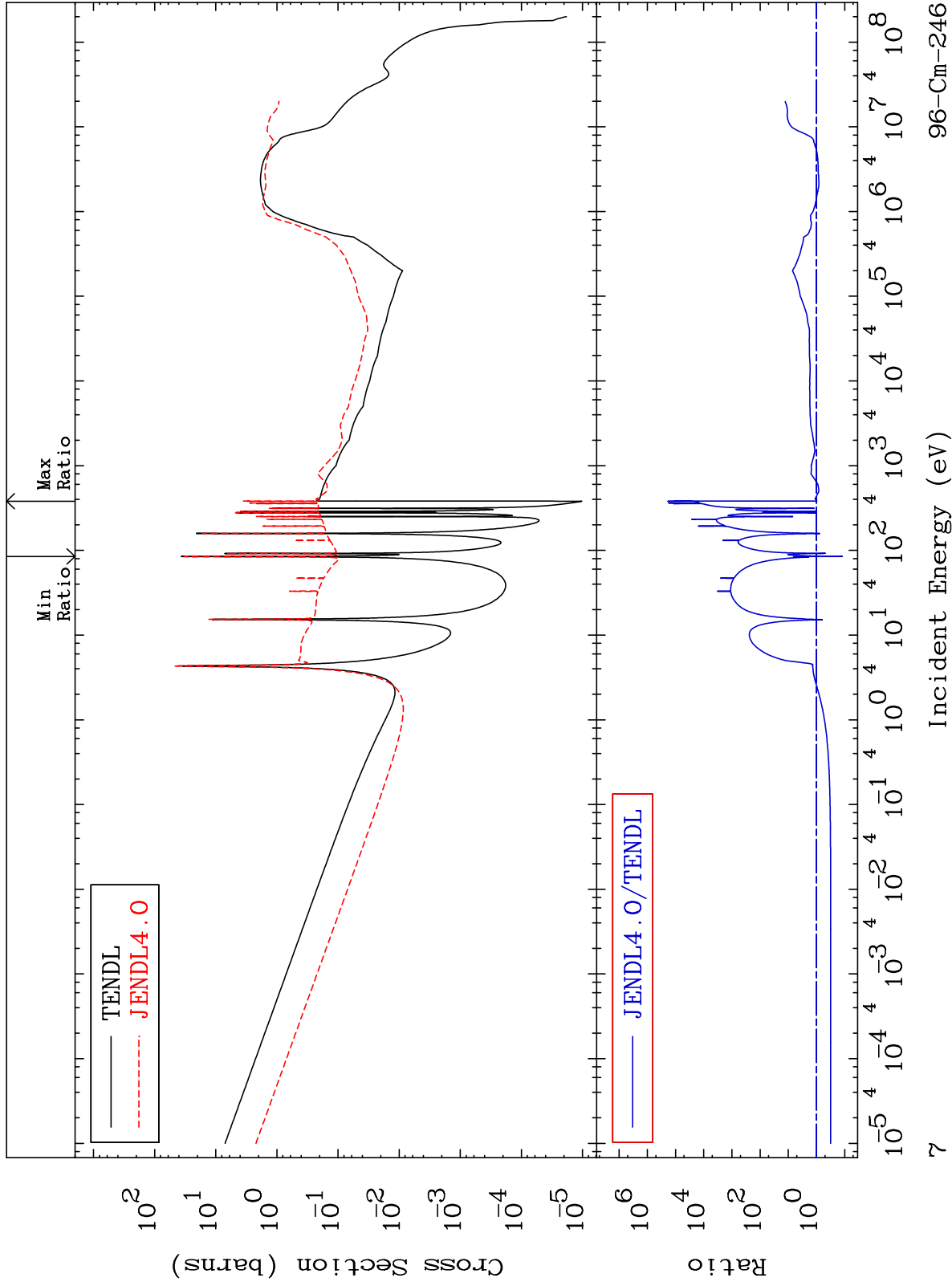
Fission Cross Section
96-Cm-246
-88.20 To 9999. %



MAT 9643

(n,f) First Chance
Cross Section

96-Cm-246
-88.20 To 9999. %

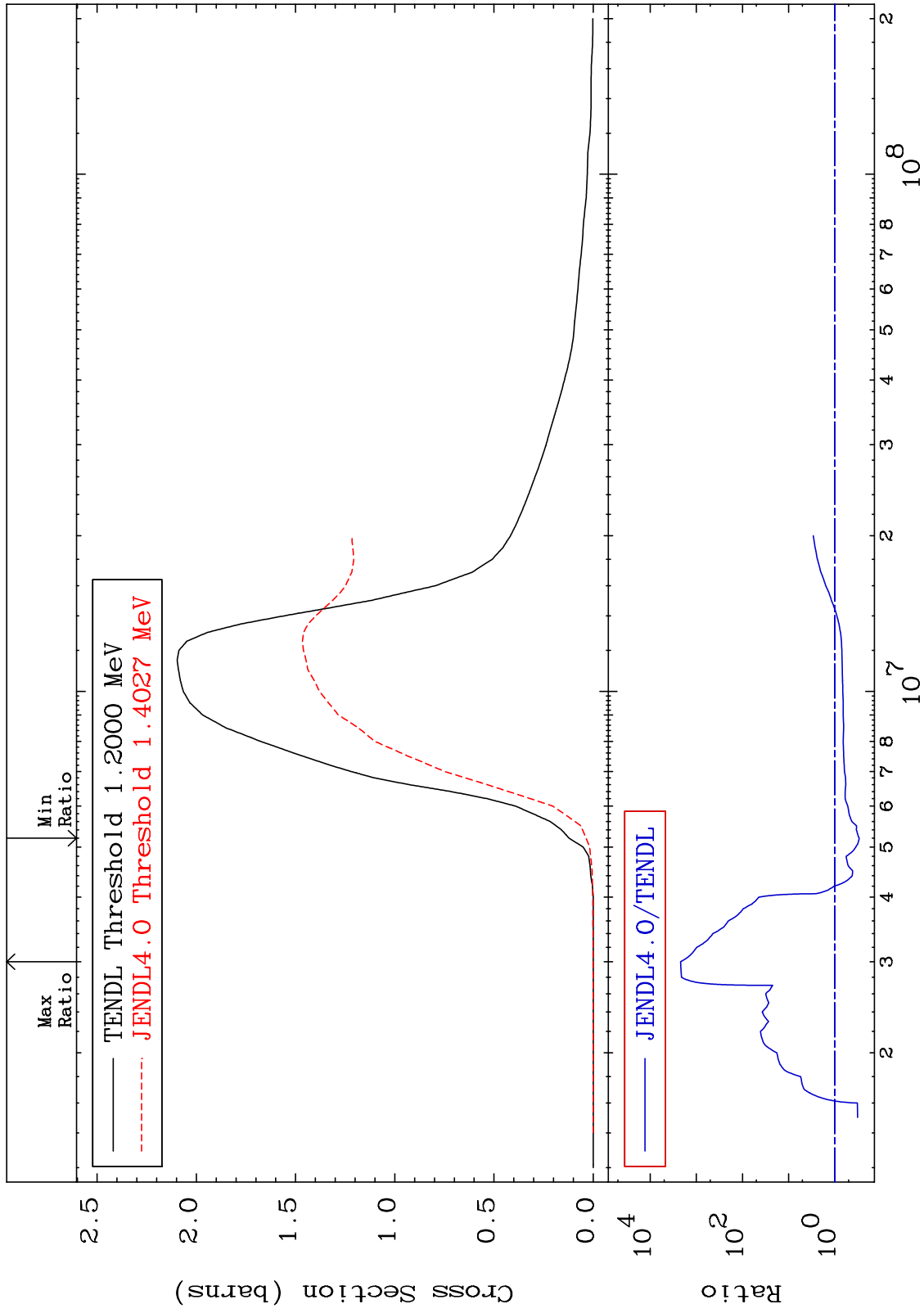


96-Cm-246

MAT 9643

(n, nf) Second Chance
Cross Section

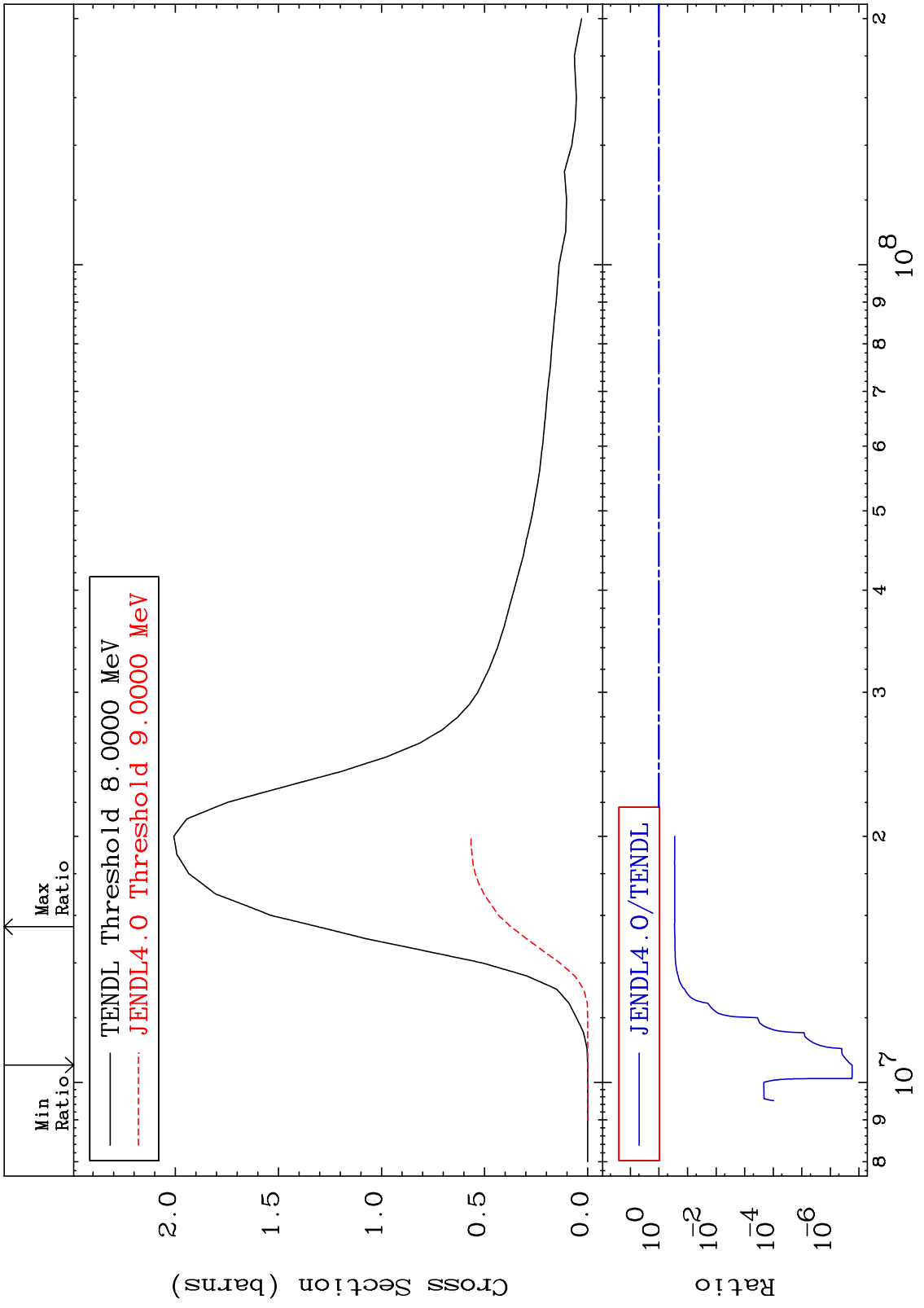
96-Cm-246
-70.50 To 9999. %



MAT 9643

(n,2nf) Third Chance
Cross Section

96-Cm-246
-100.0 To -71.58%



9

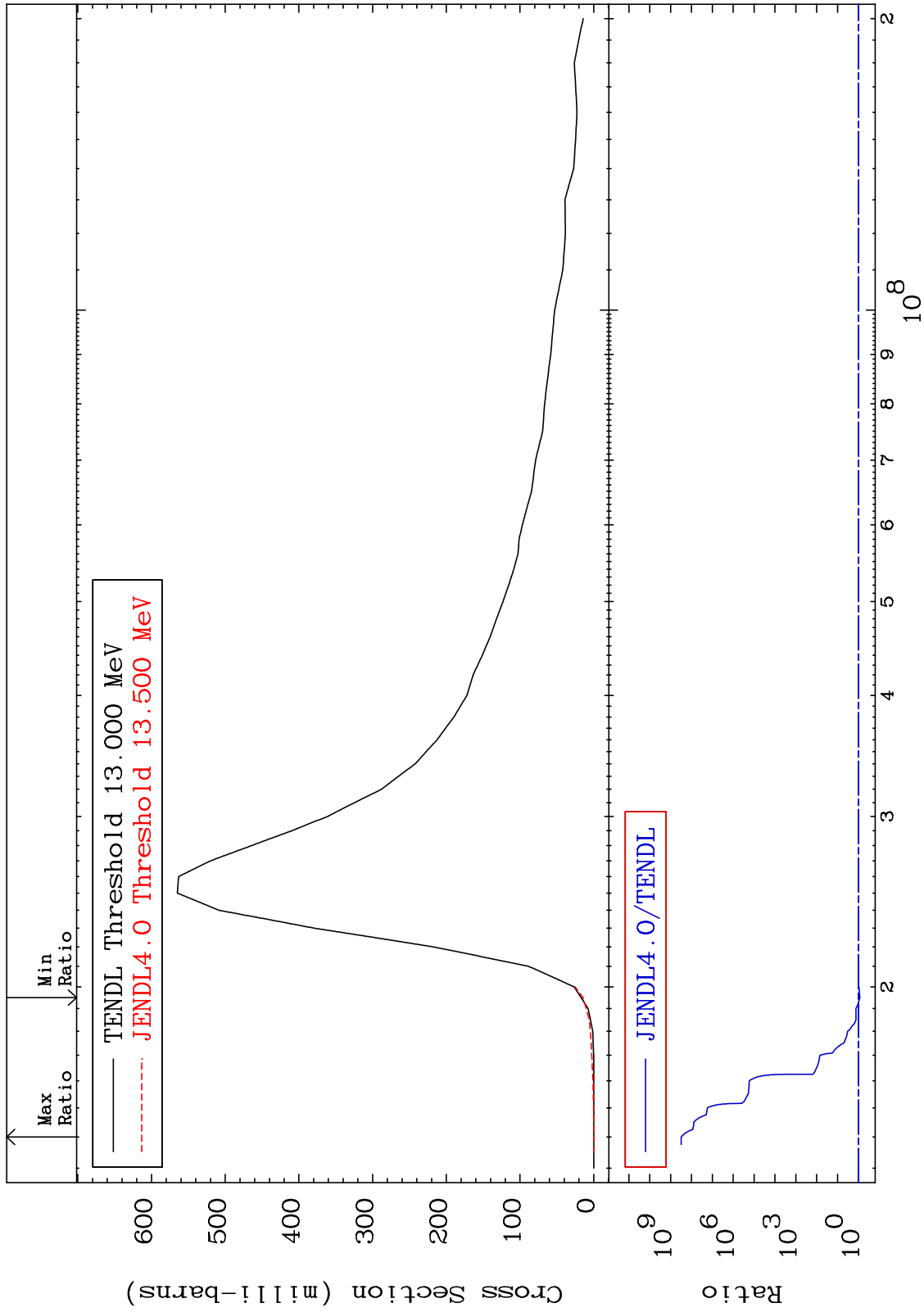
Incident Energy (eV)

96-Cm-246

MAT 9643

(n,3nf) Fourth Chance
Cross Section

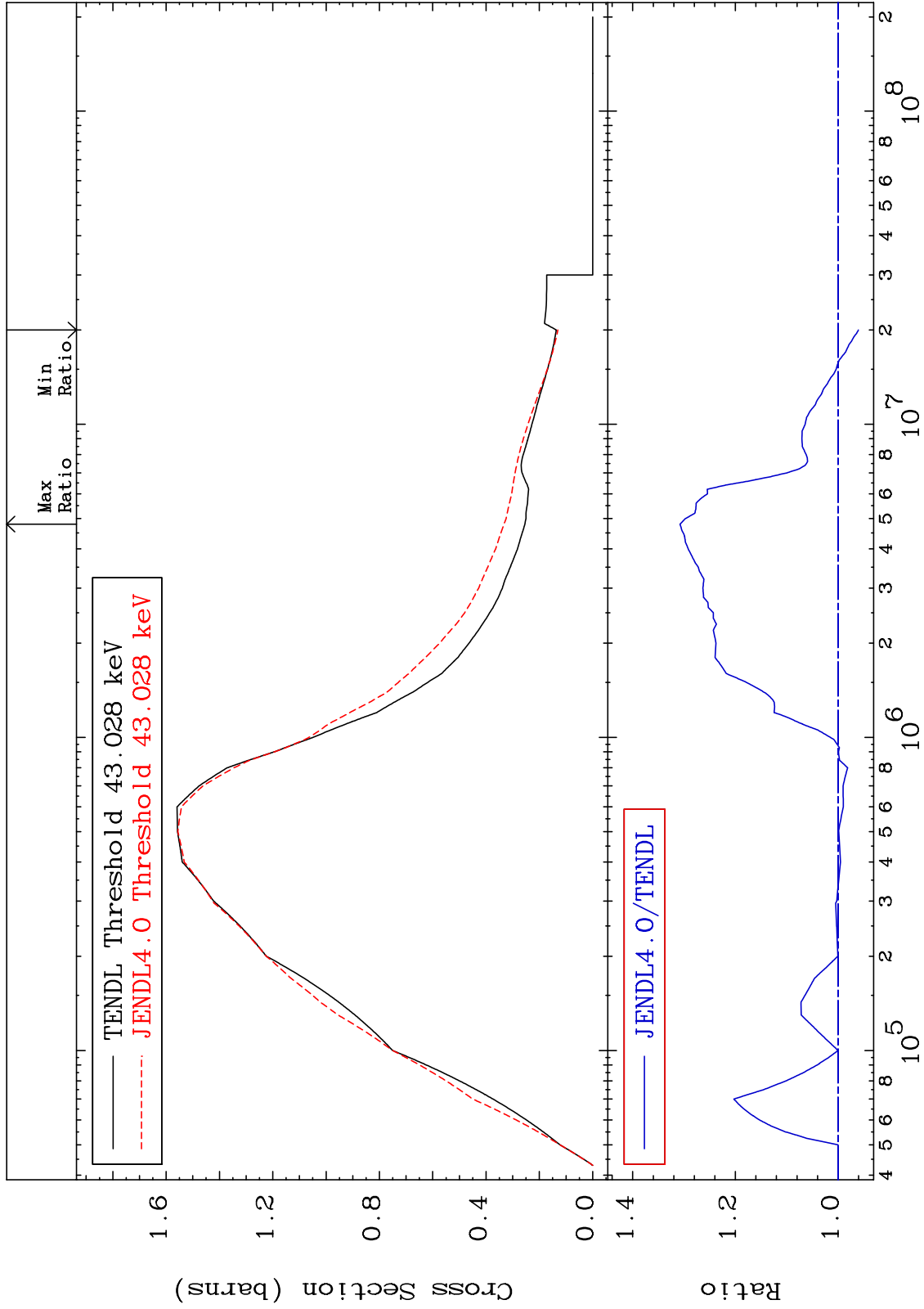
96-Cm-246
-14.80 To 9999. %



MAT 9643

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

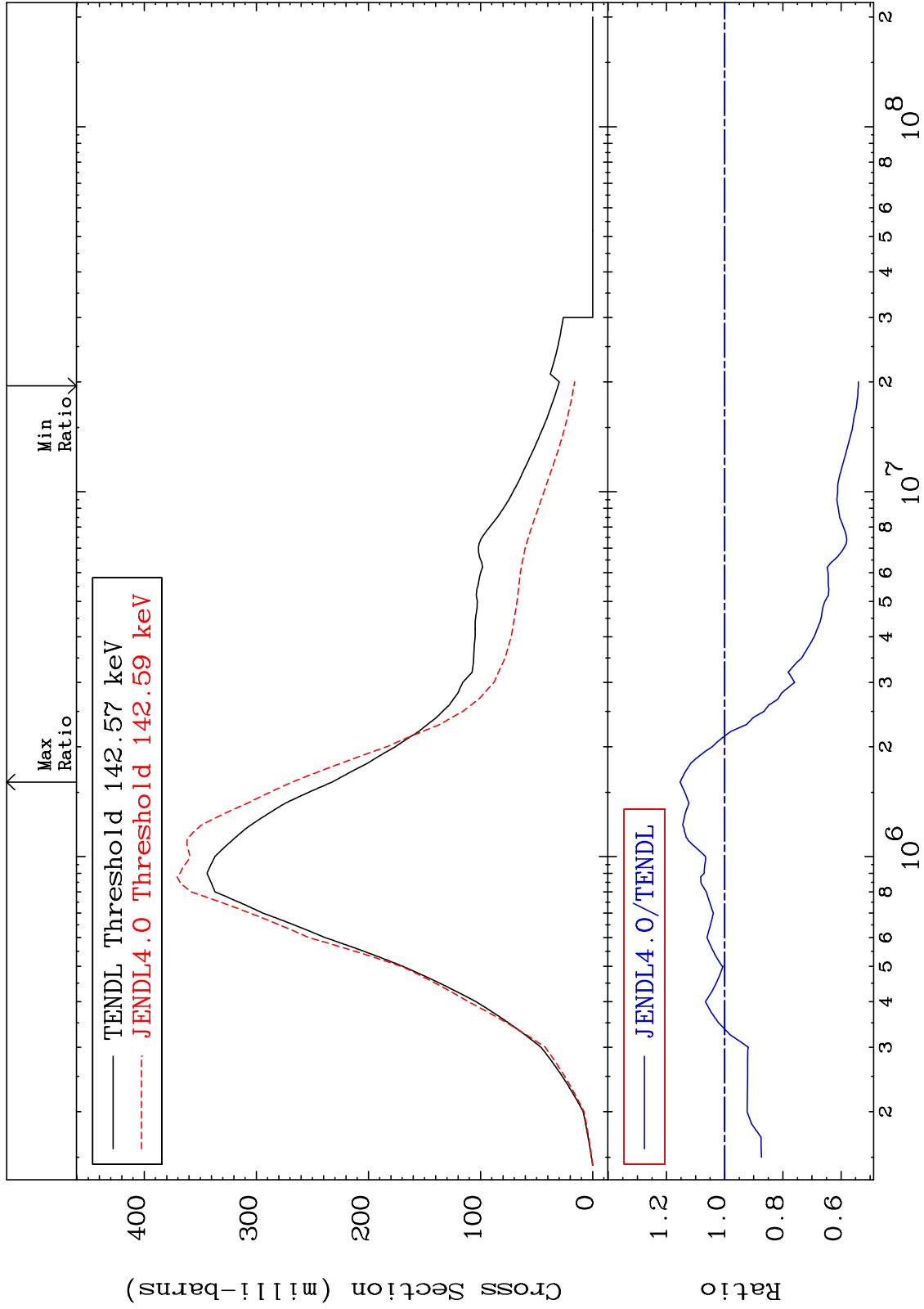
96-Cm-246
-3.968 To 30.79 %



MAT 9643

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

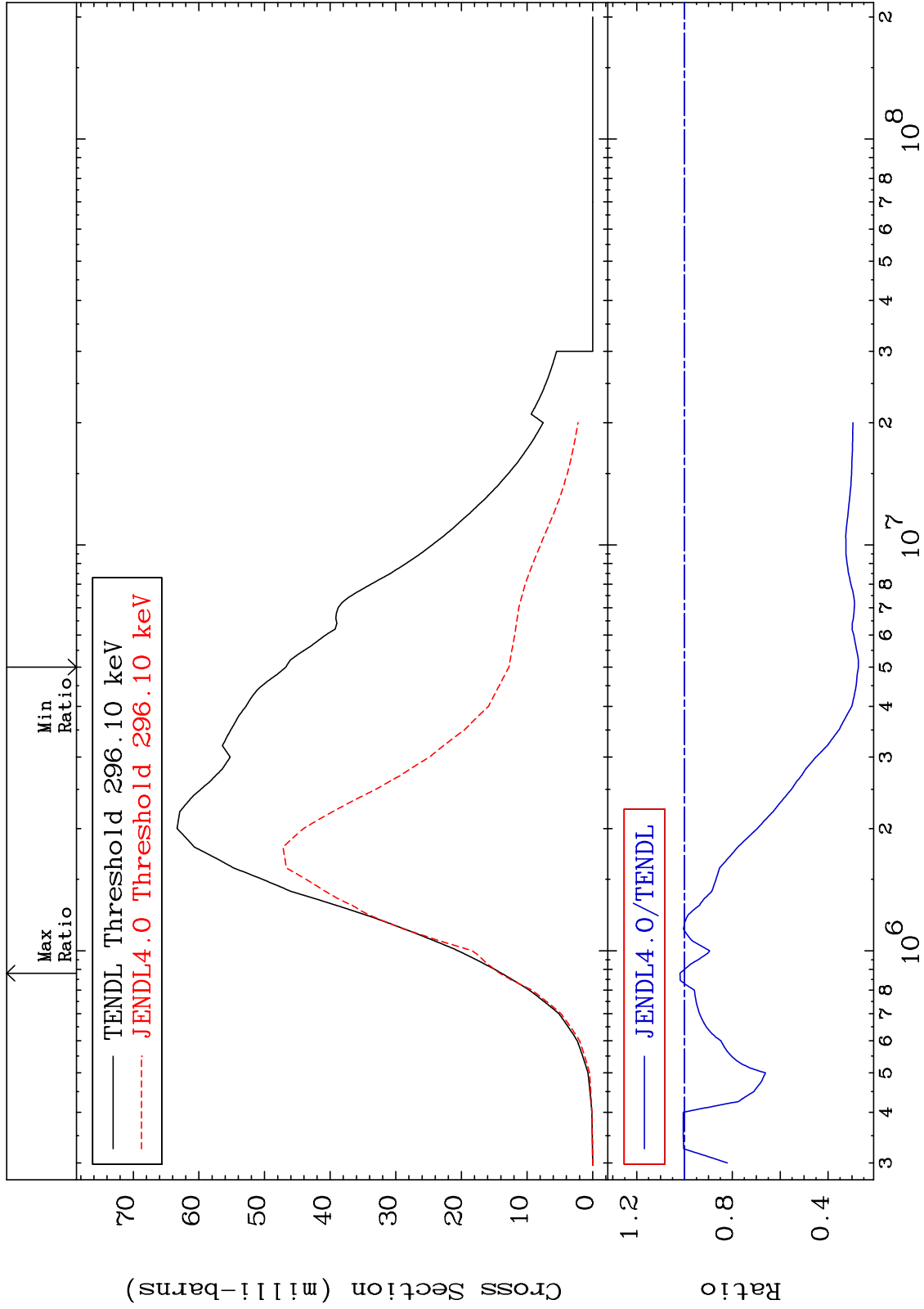
96-Cm-246
-45.96 To 15.35 %



MAT 9643

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

96-Cm-246
-72.71 To 1.884 %

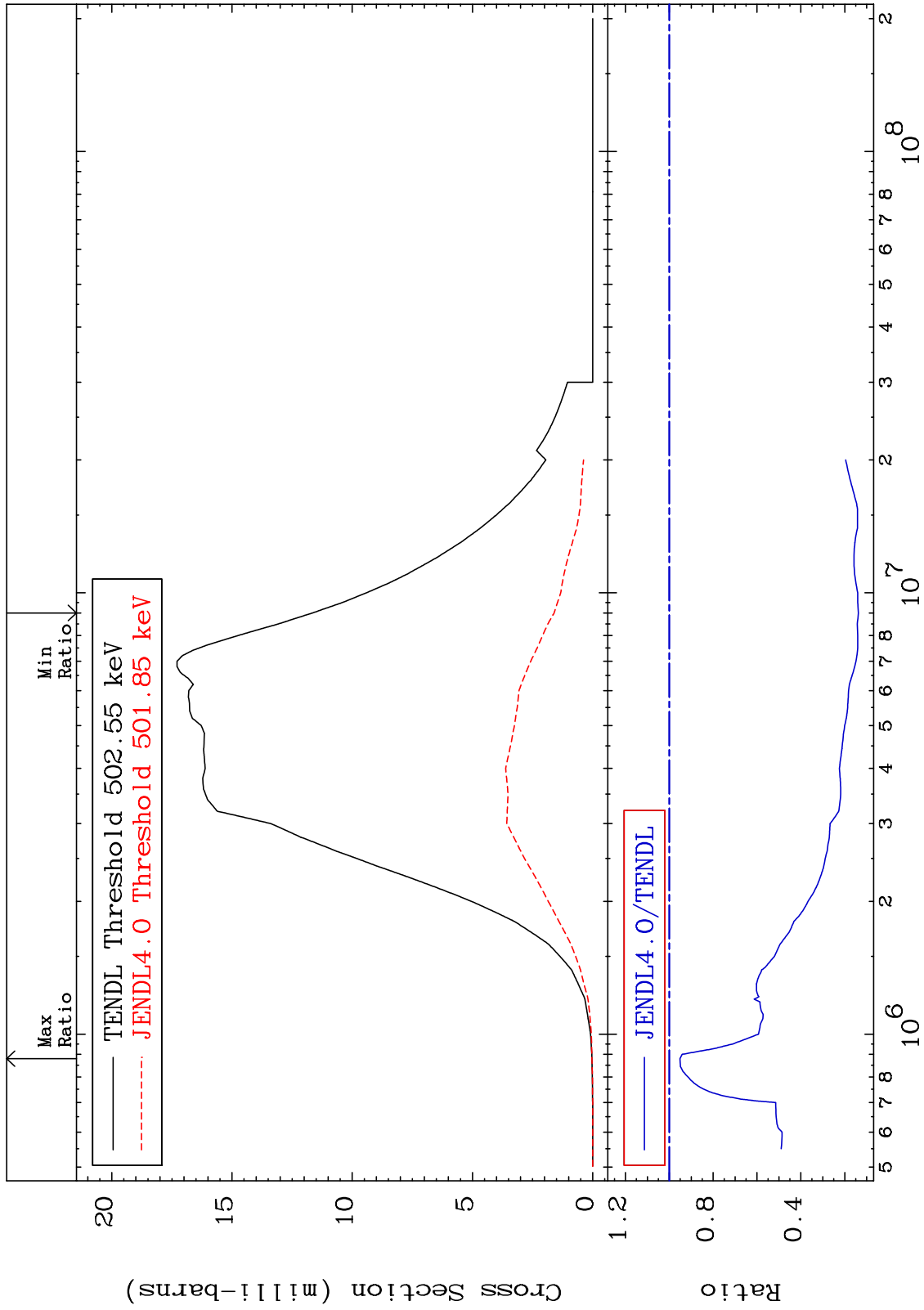


13

Incident Energy (eV)

96-Cm-246

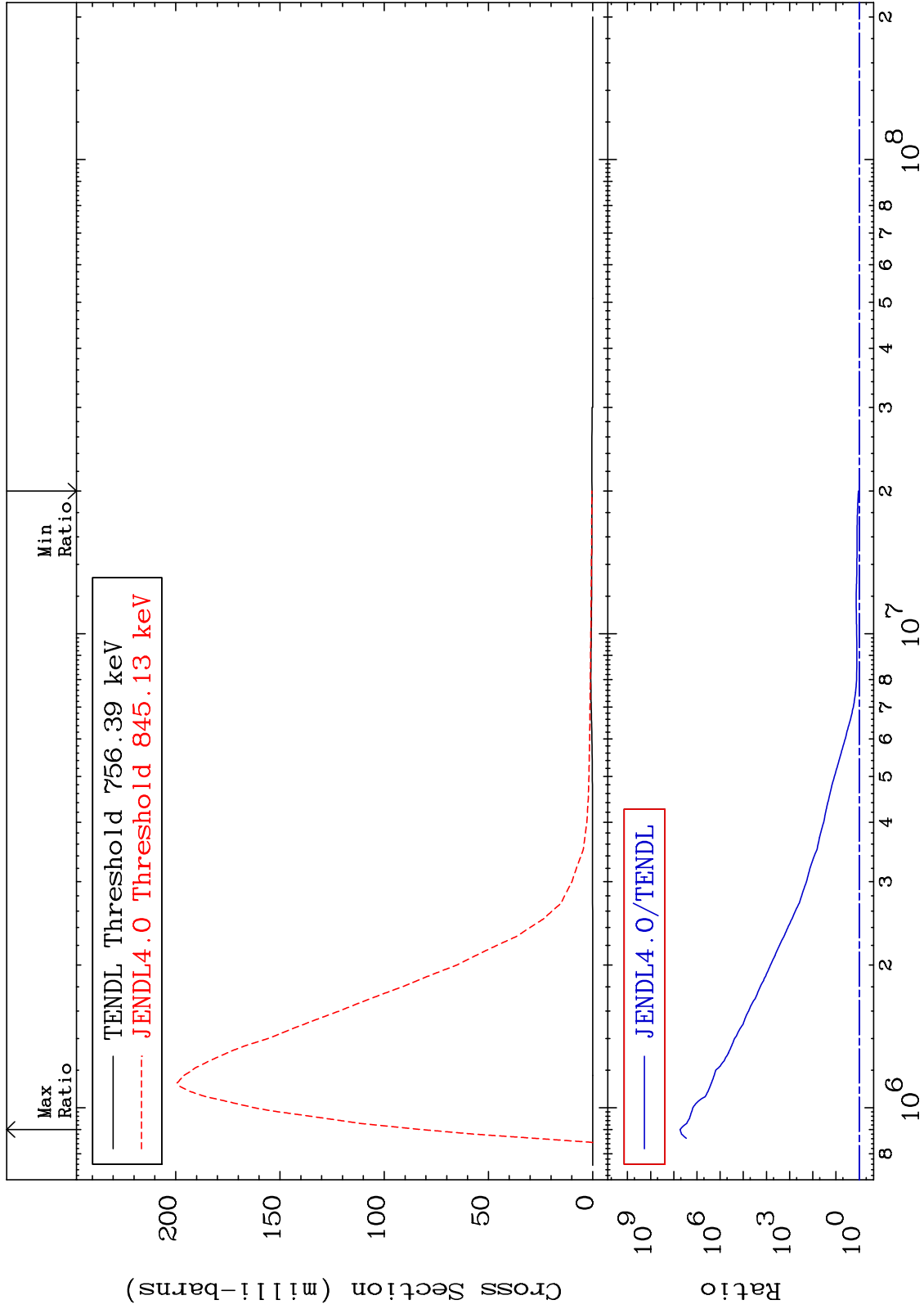
MAT 9643 MT= 54 (n,n') Level 96-Cm-246
 Cross Section -86.23 To -4.891%



MAT 9643

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

96-Cm-246
7.825 To 9999. %



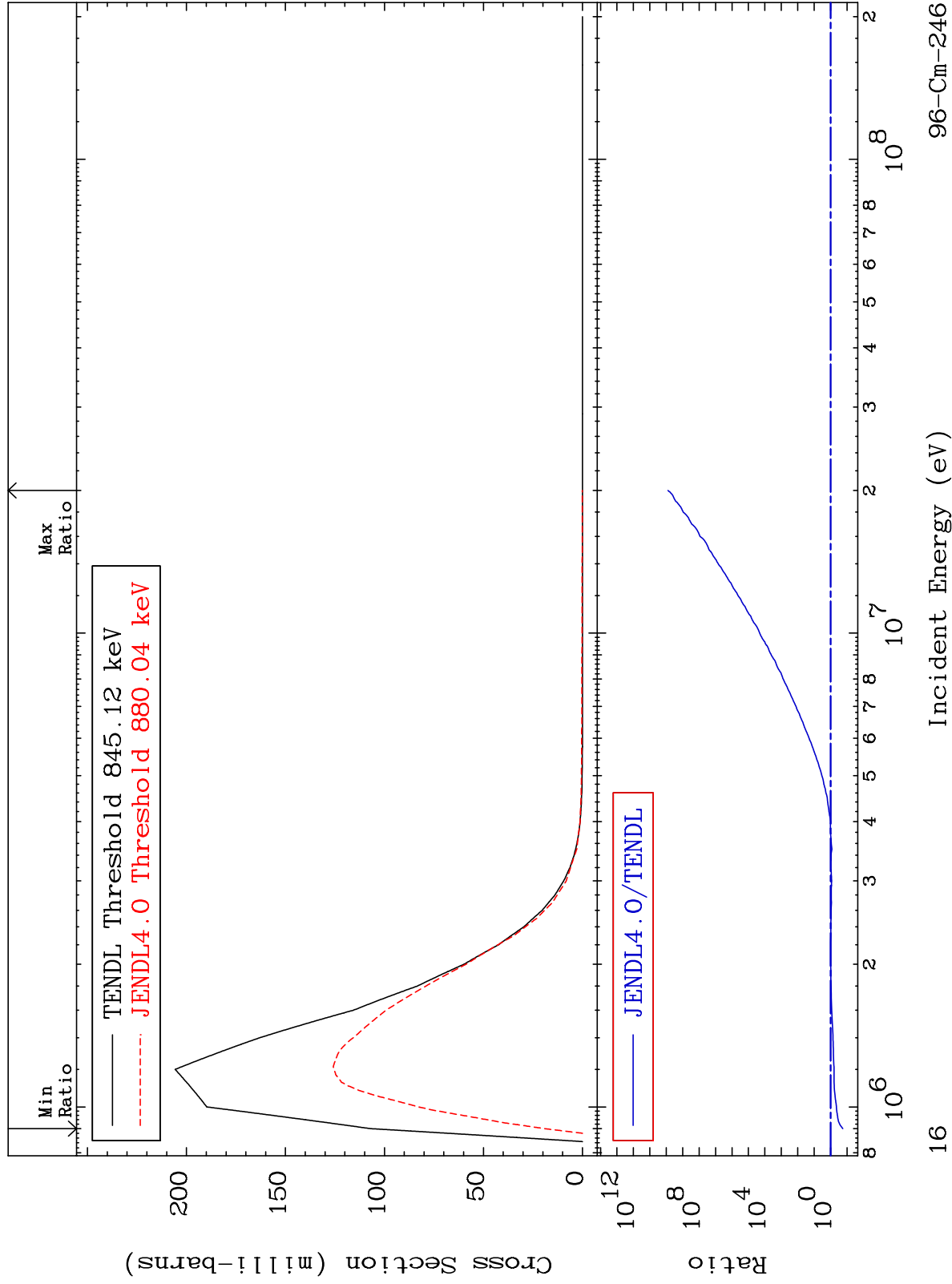
15

96-Cm-246

MAT 9643

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

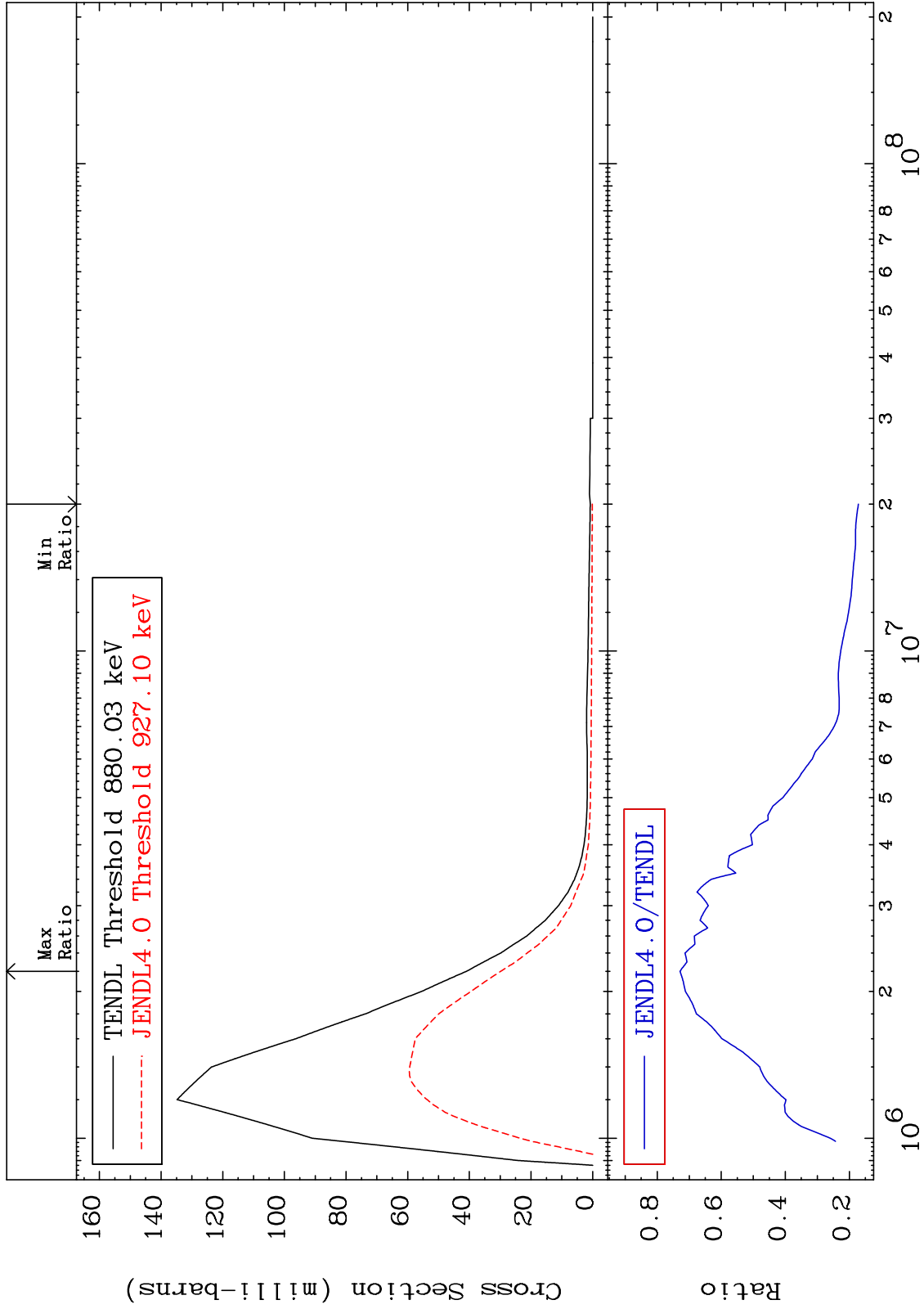
96-Cm-246
-82.12 To 9999. %



MAT 9643

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

96-Cm-246
-82.83 To -27.12%



17

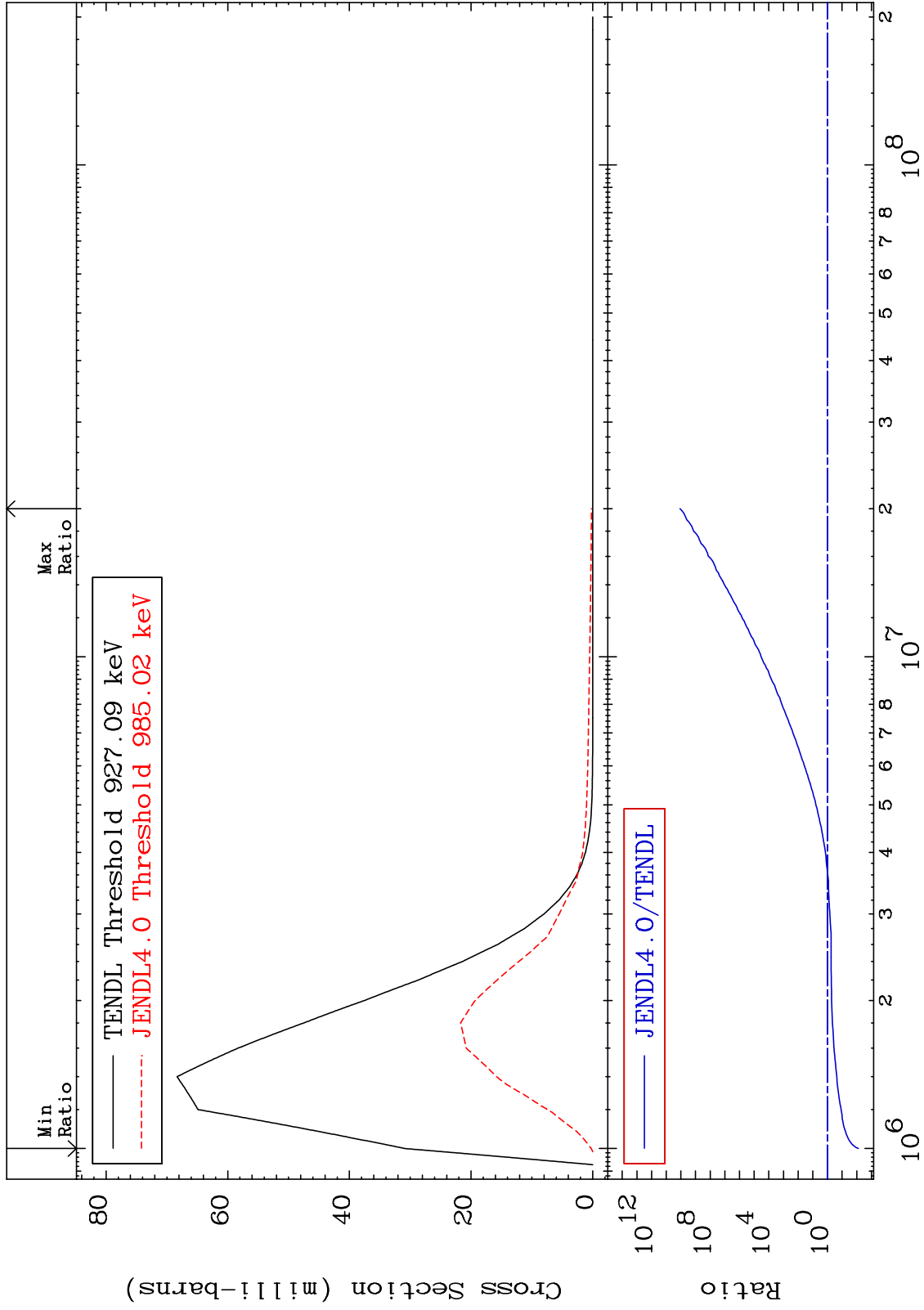
Incident Energy (eV)

96-Cm-246

MAT 9643

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

96-Cm-246
-99.23 To 9999. %

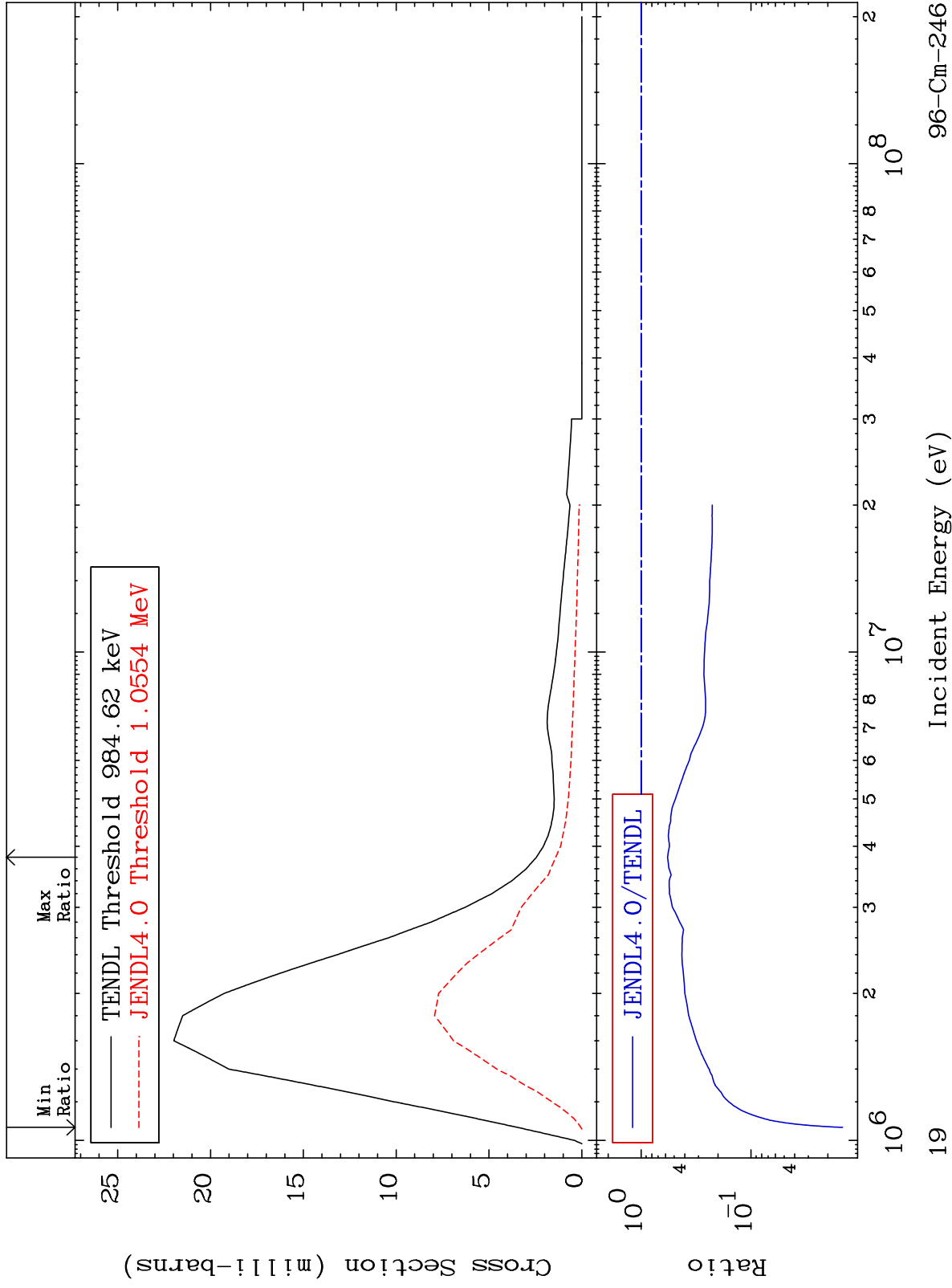


18 96-Cm-246

MAT 9643

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

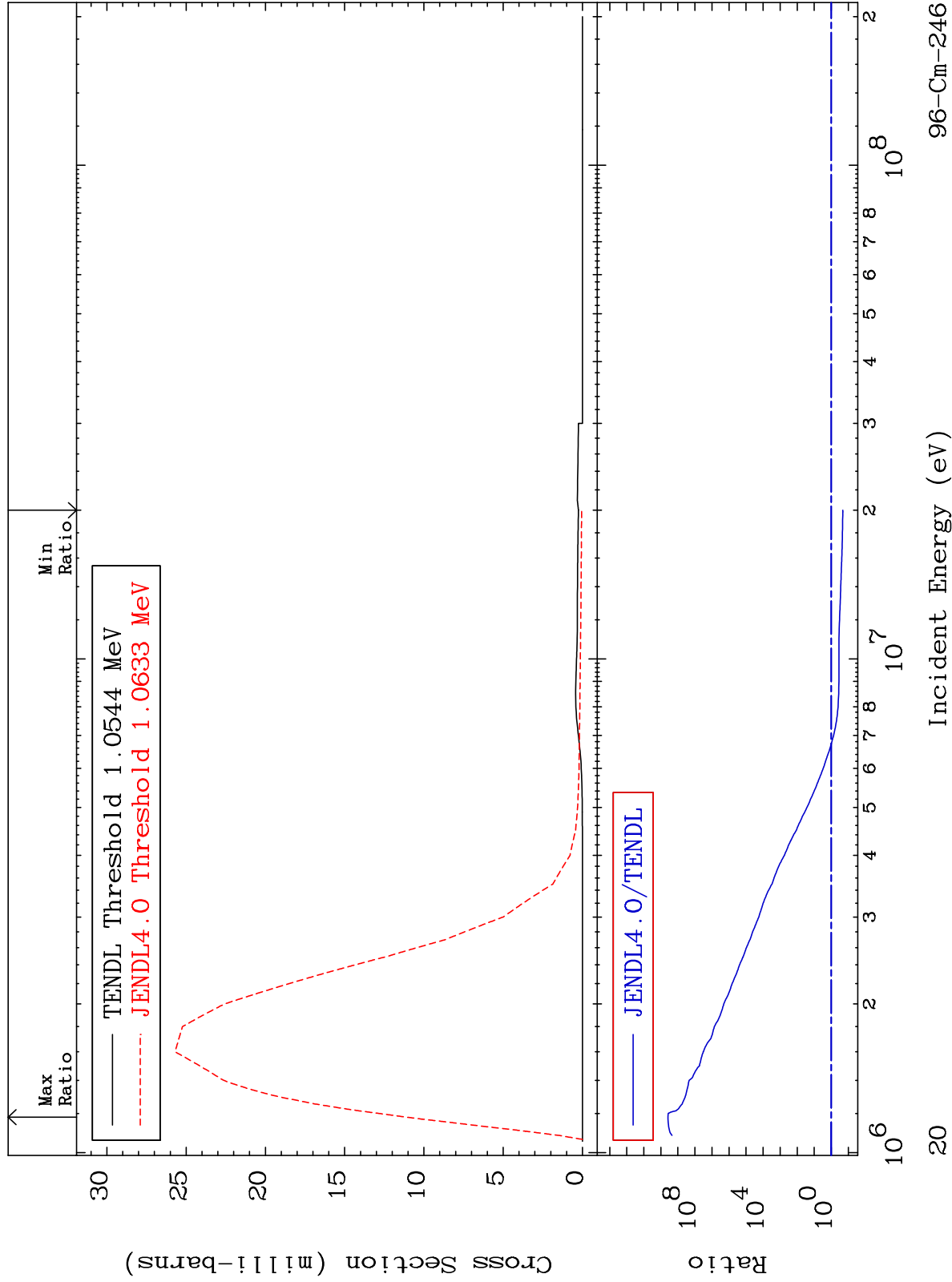
96-Cm-246
-98.54 To -42.50%



MAT 9643

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

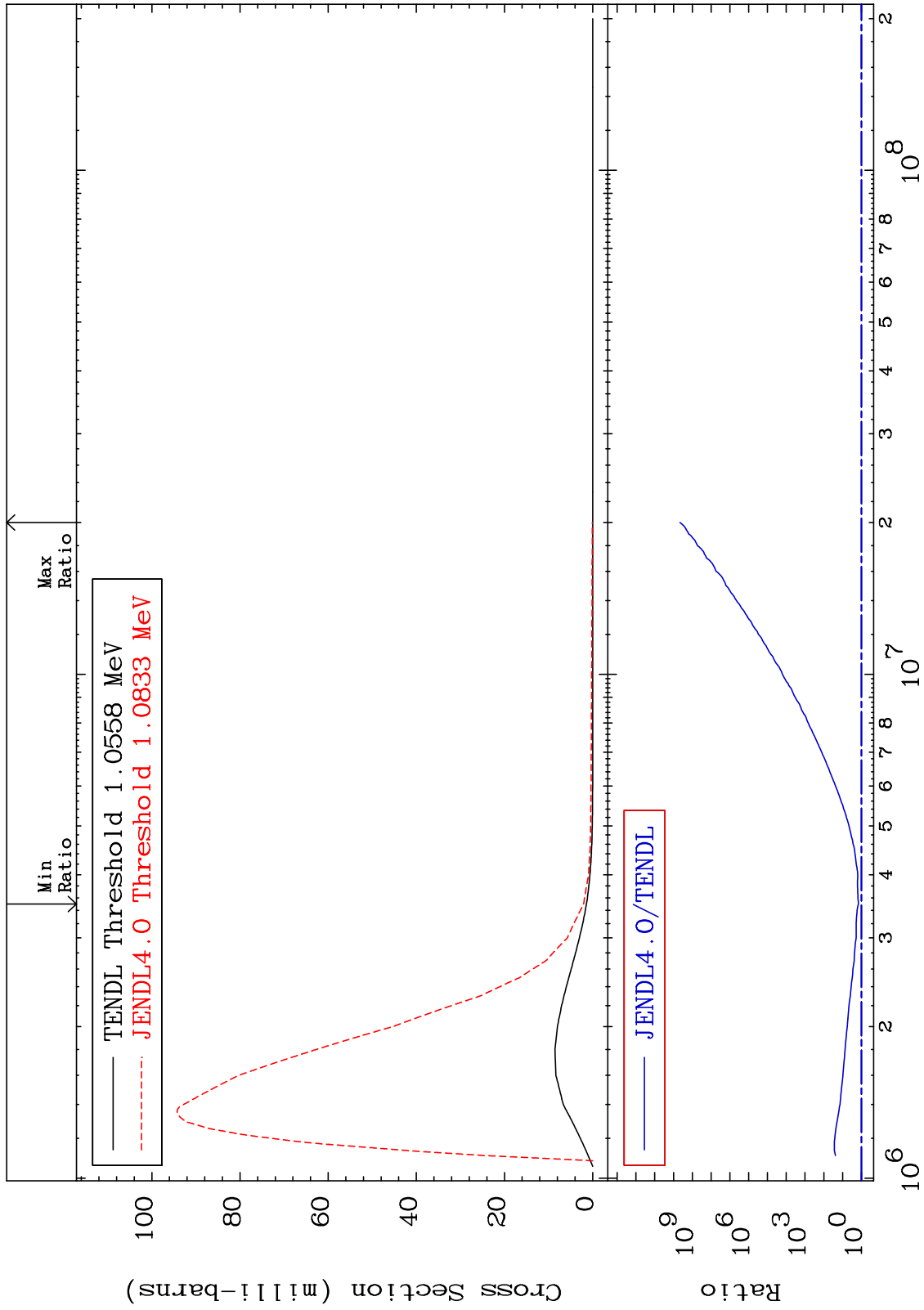
96-Cm-246
-79.08 To 9999. %



MAT 9643

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

96-Cm-246
43.99 To 9999. %



21

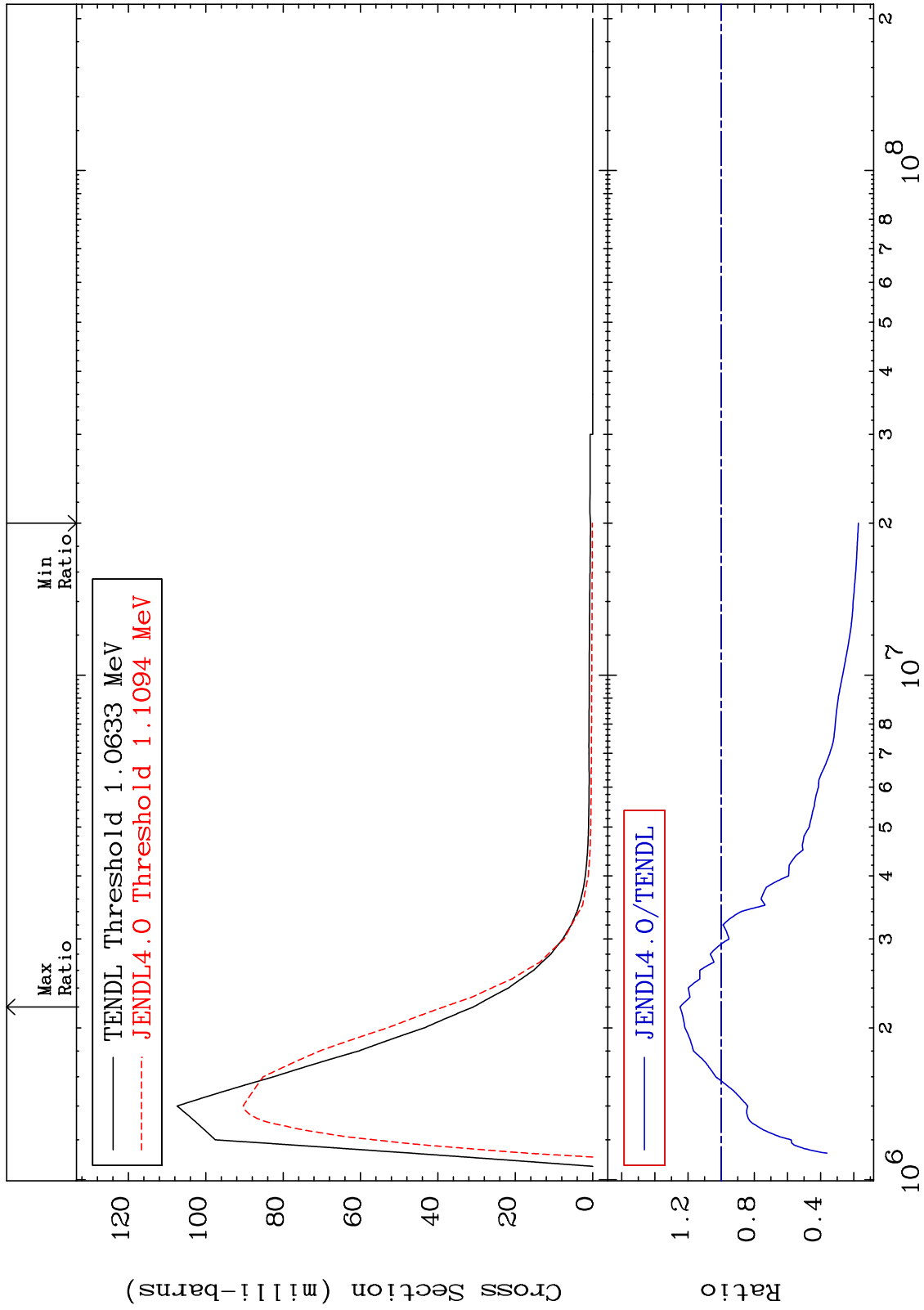
Incident Energy (eV)

96-Cm-246

MAT 9643

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

96-Cm-246
-82.74 To 24.83 %



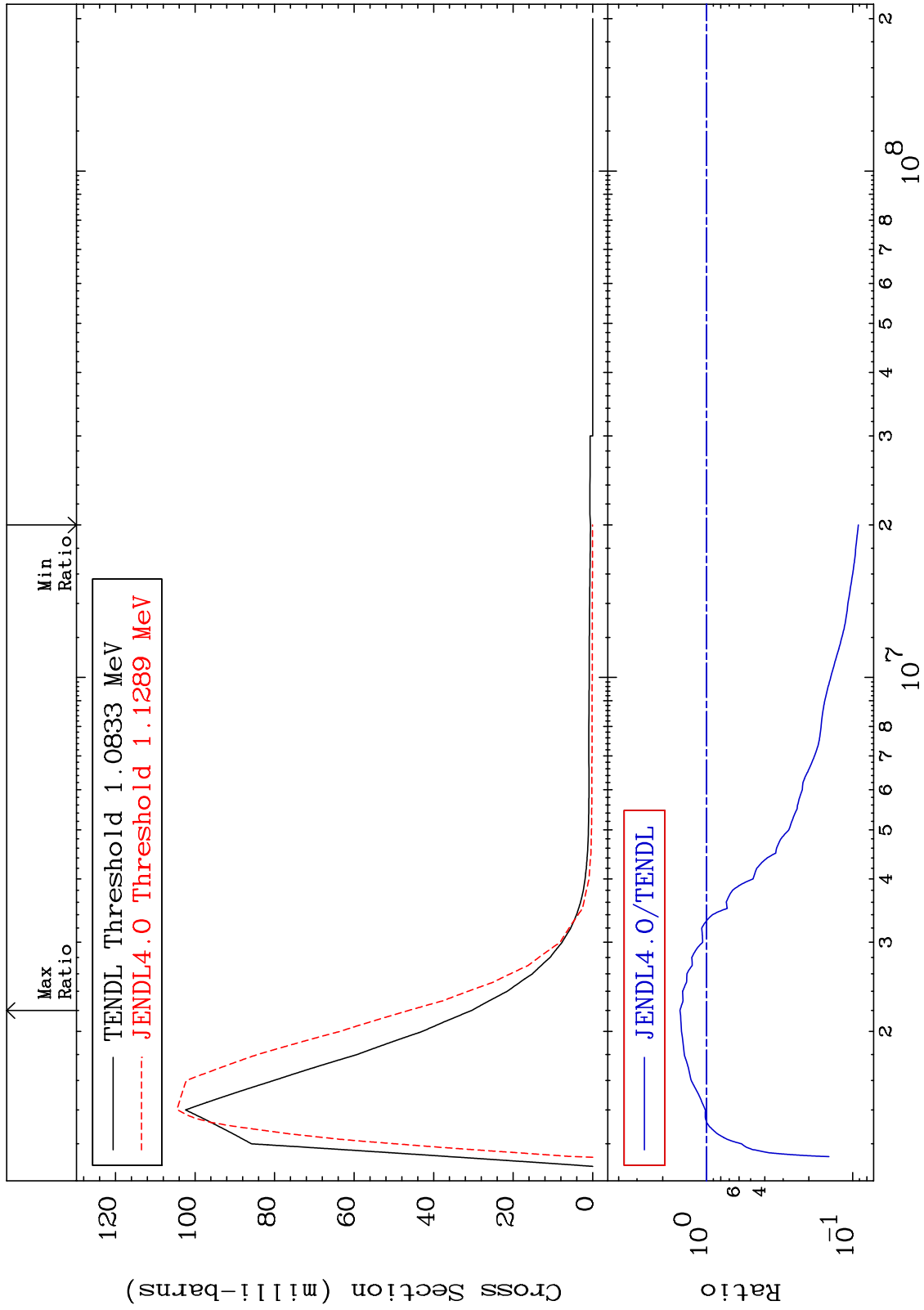
22

96-Cm-246

MAT 9643

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

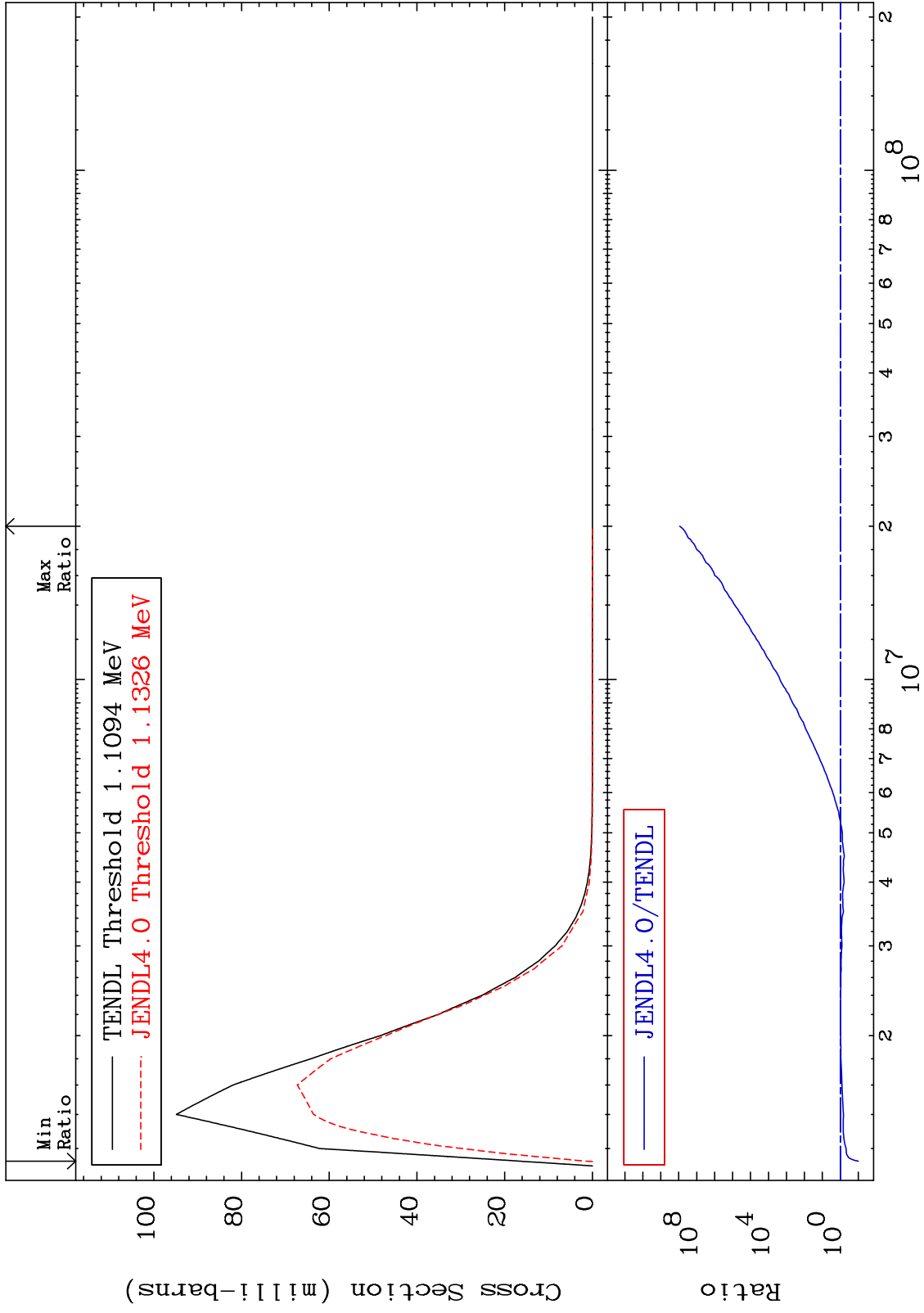
96-Cm-246
-90.85 To 52.03 %



MAT 9643

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

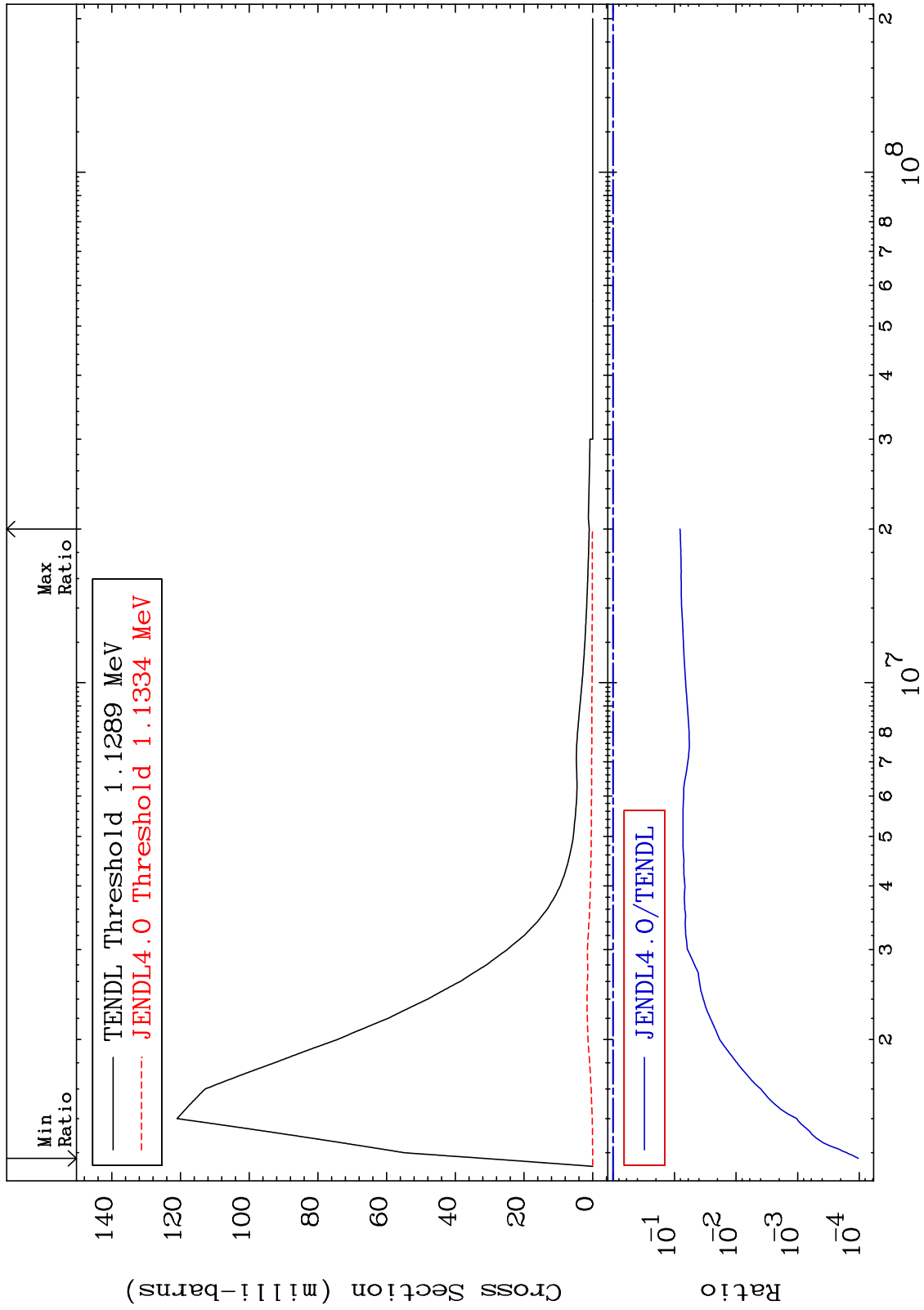
96-Cm-246
-90.07 To 9999. %



MAT 9643

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

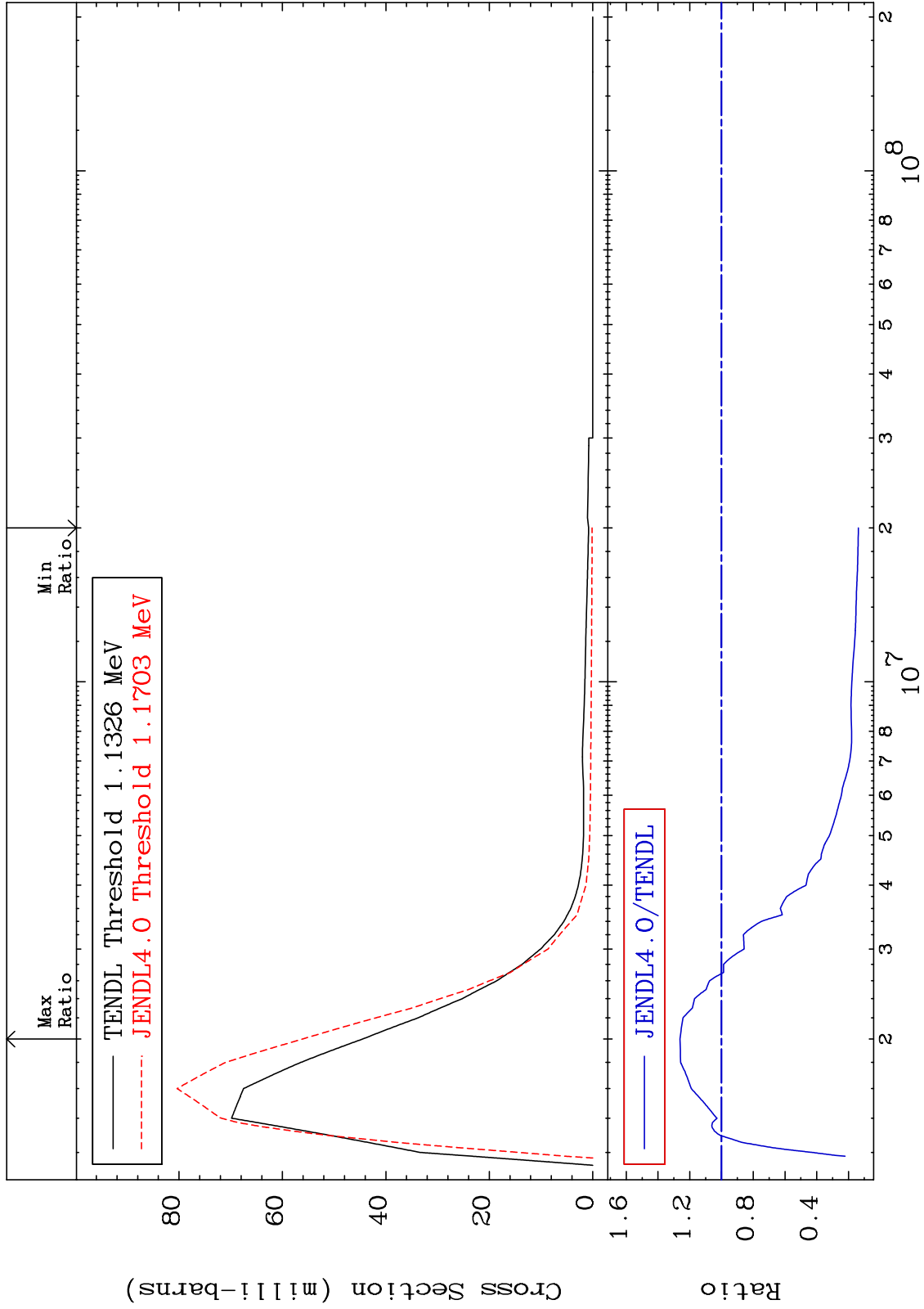
96-Cm-246
-99.99 To -91.86%



MAT 9643

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

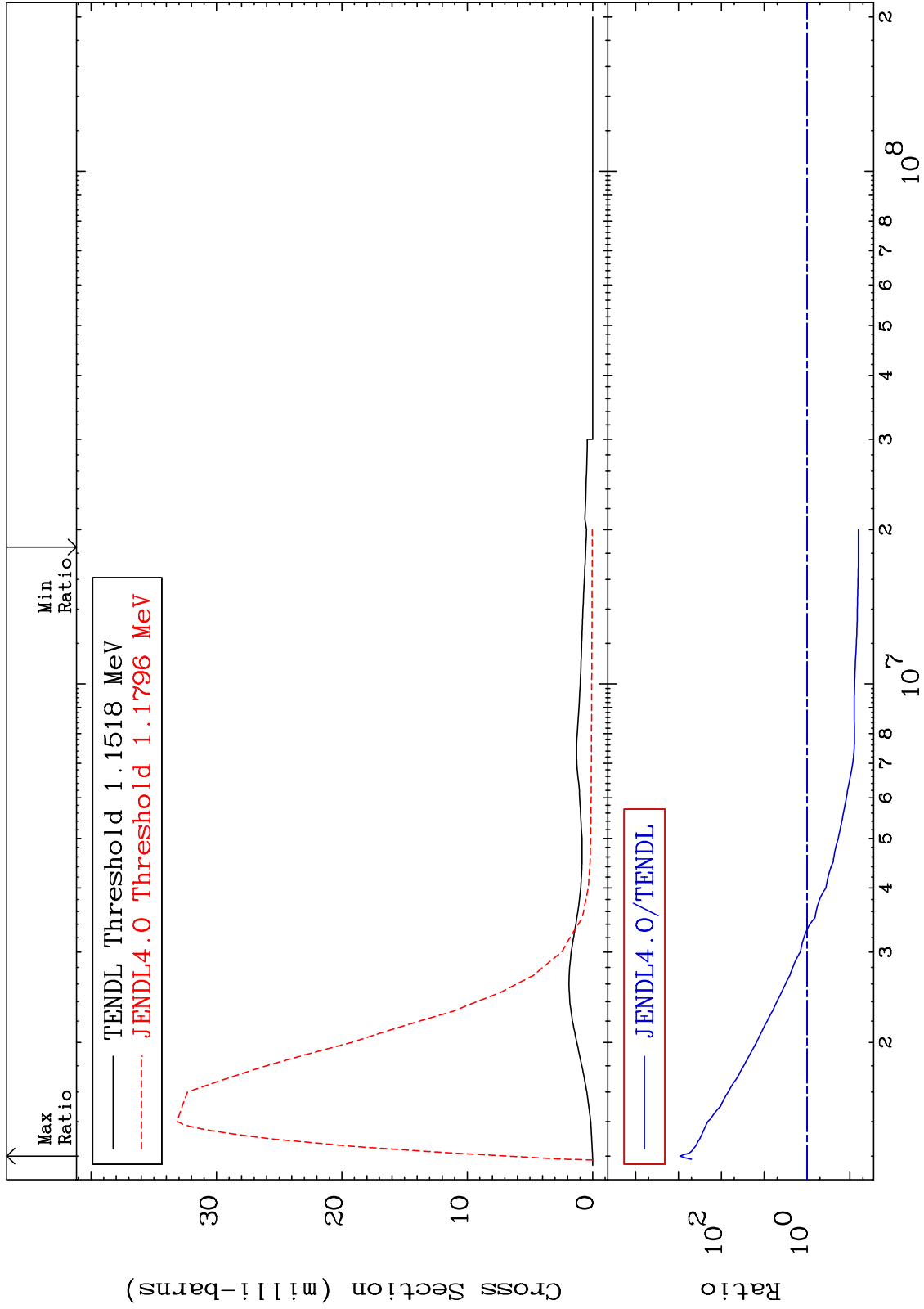
96-Cm-246
-86.28 To 26.14 %



MAT 9643

MT= 67 (n, n') Level
Cross Section

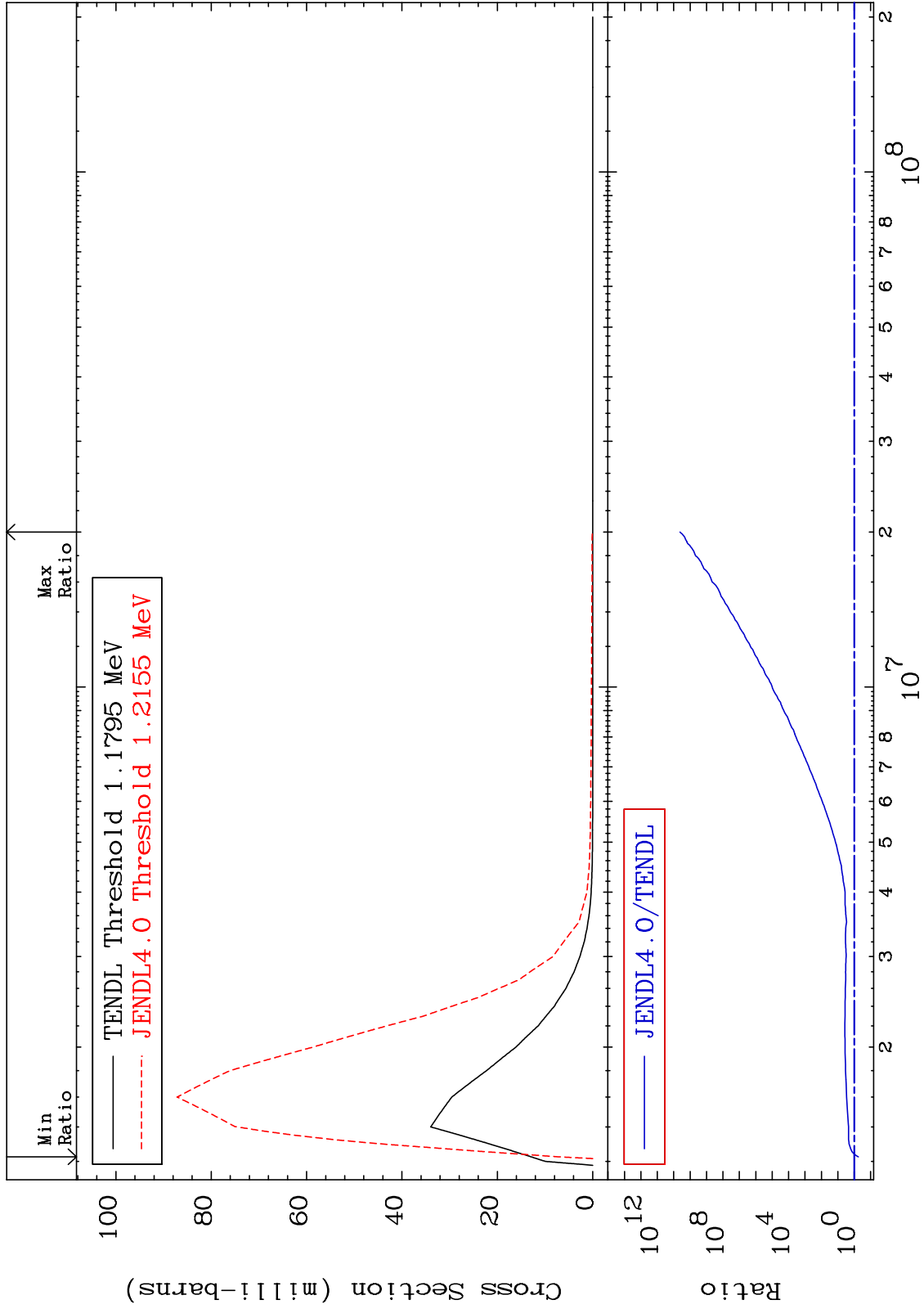
96-Cm-246
-93.65 To 9999. %



MAT 9643

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

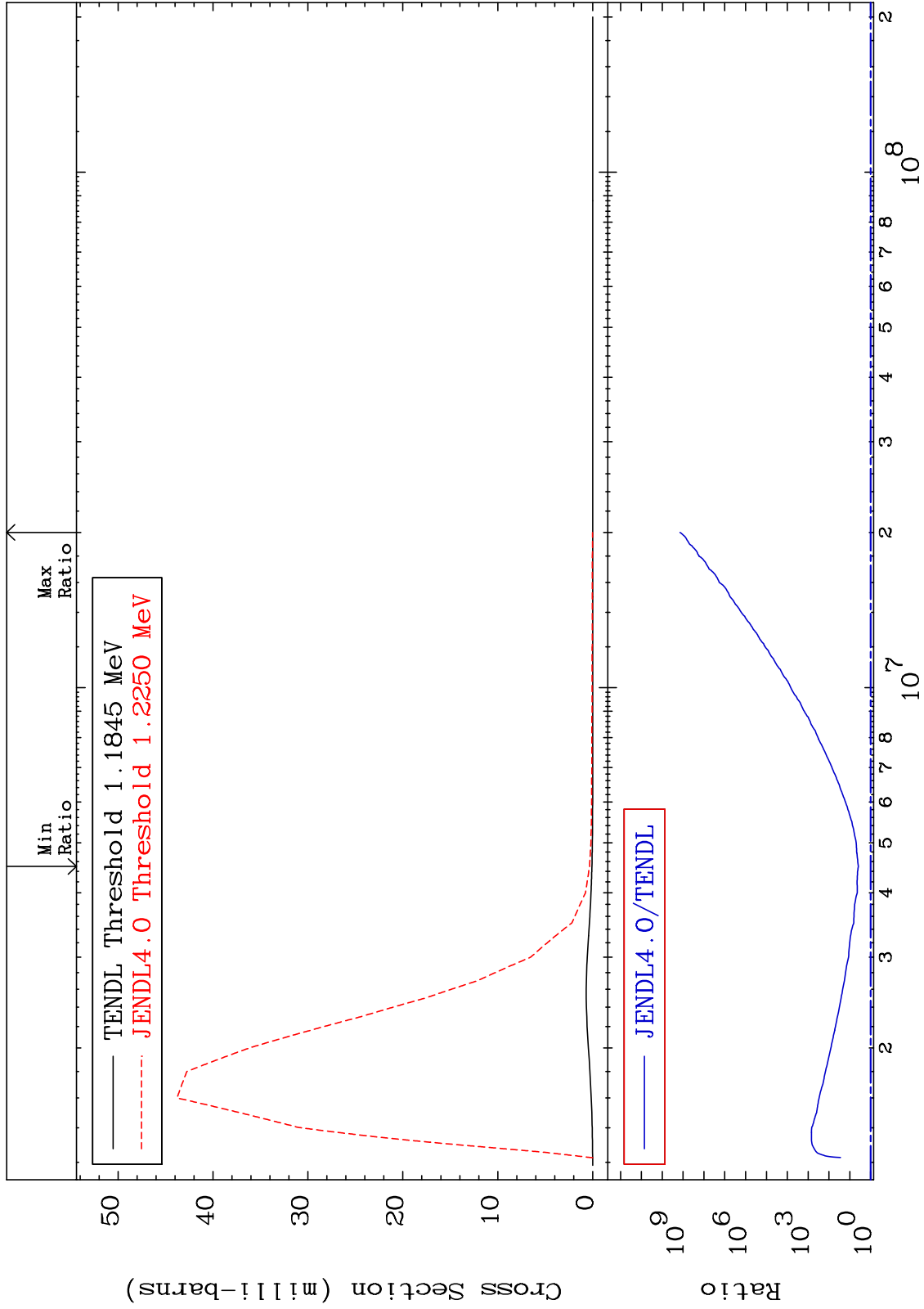
96-Cm-246
-44.26 To 9999. %



MAT 9643

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

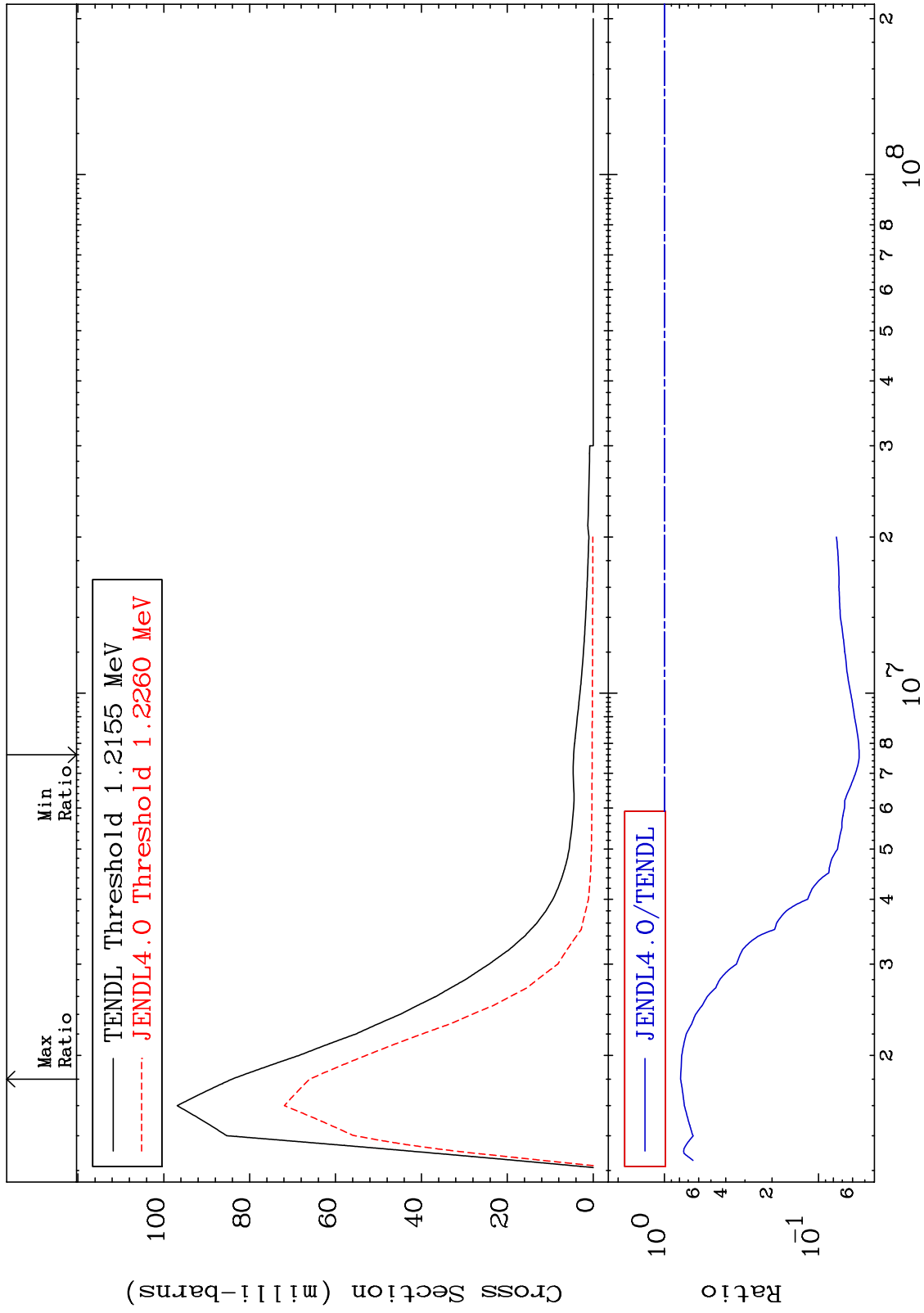
96-Cm-246
287.0 To 9999. %



MAT 9643

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

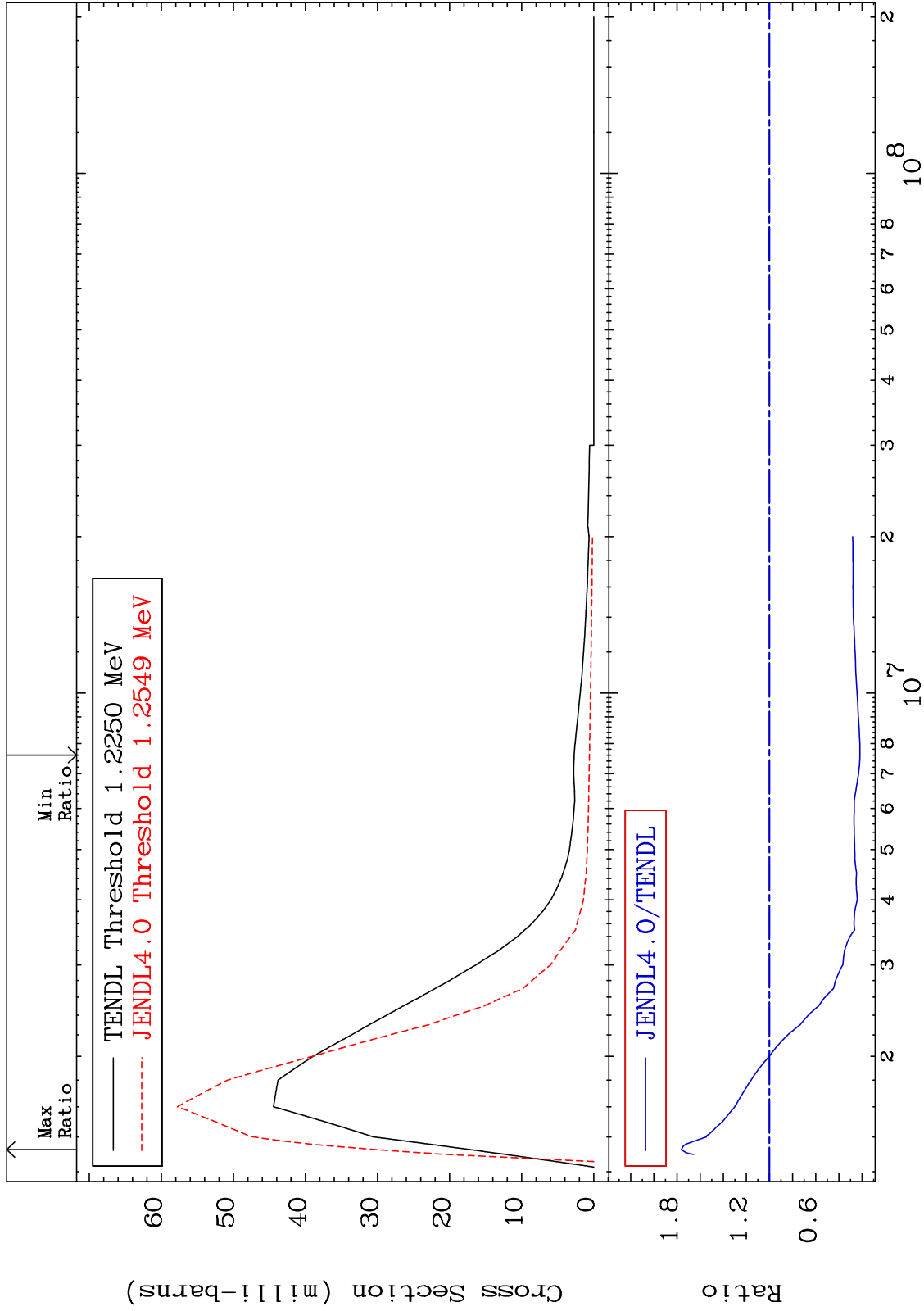
96-Cm-246
-94.56 To -21.49%



MAT 9643

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

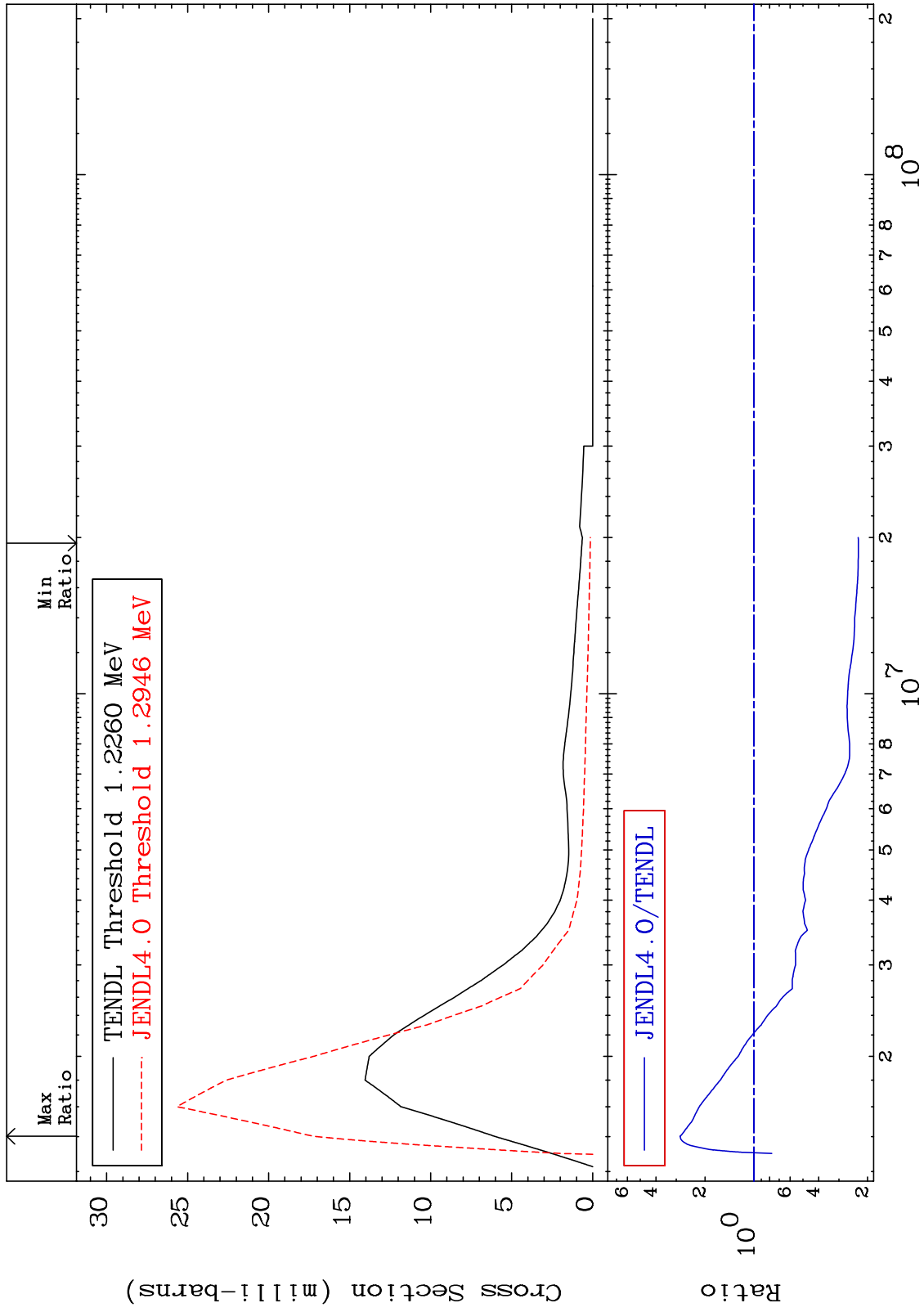
96-Cm-246
-78.16 To 76.31 %



MAT 9643

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

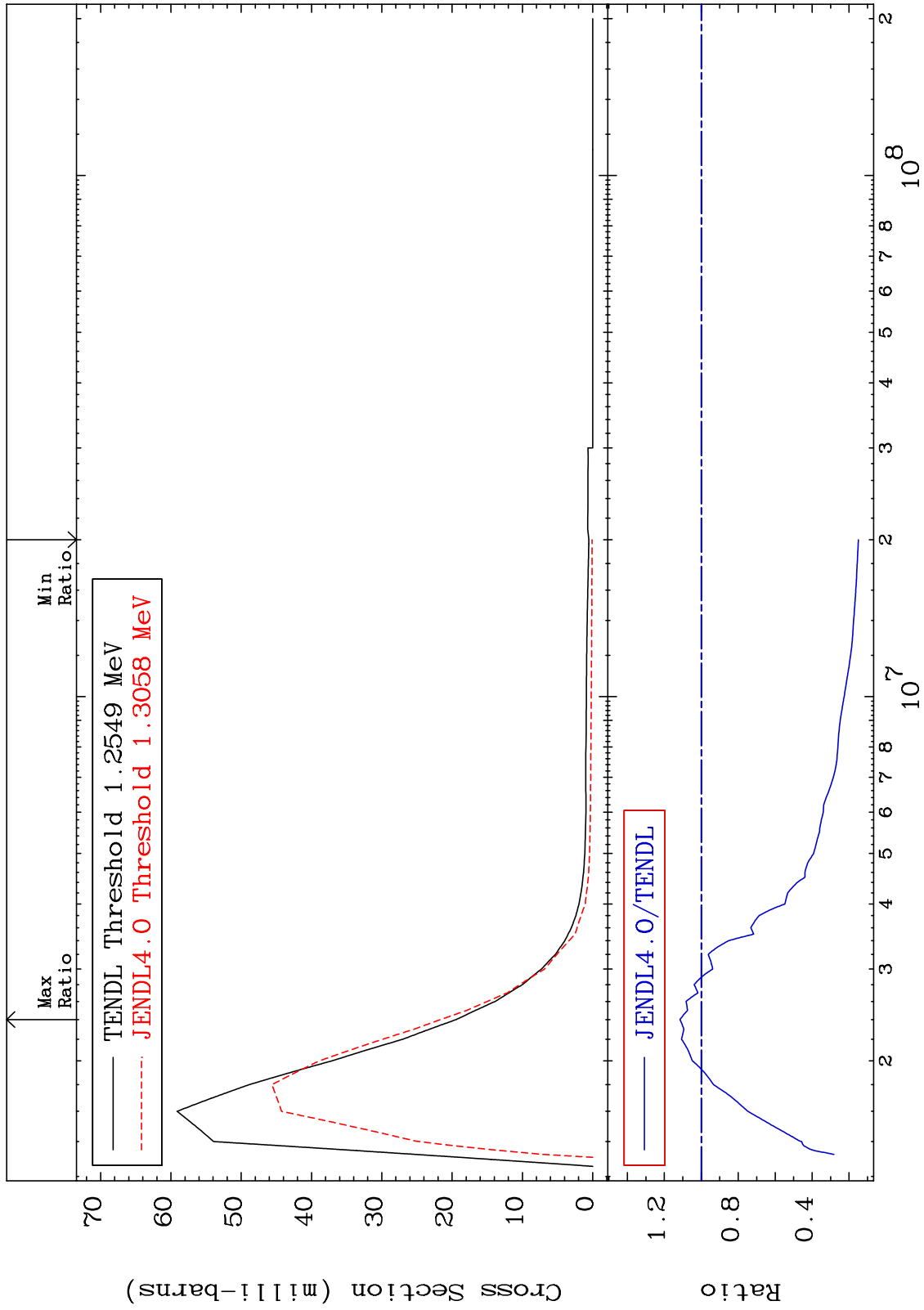
96-Cm-246
-77.21 To 184.6 %



MAT 9643

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

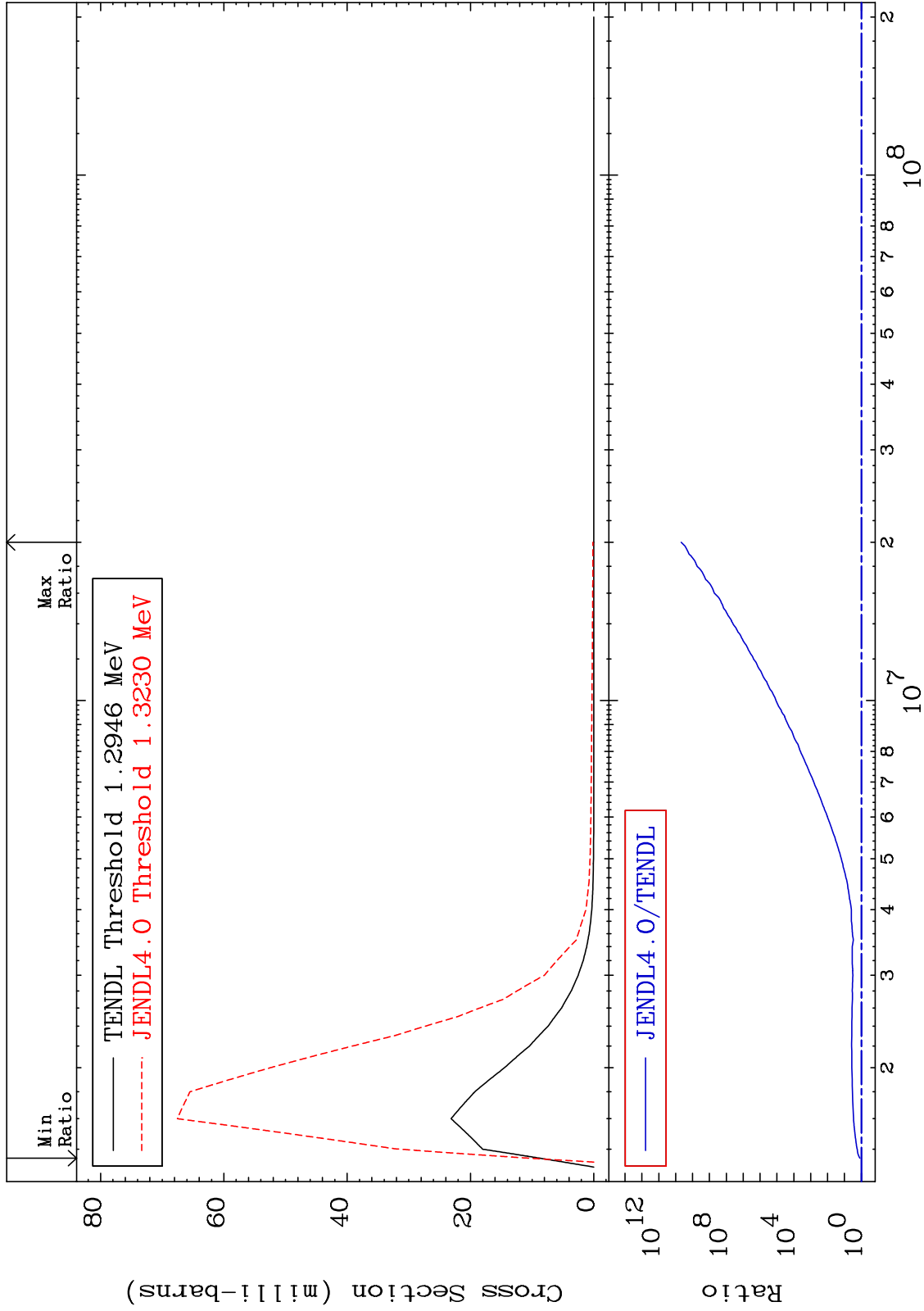
96-Cm-246
-85.06 To 11.51 %



MAT 9643

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

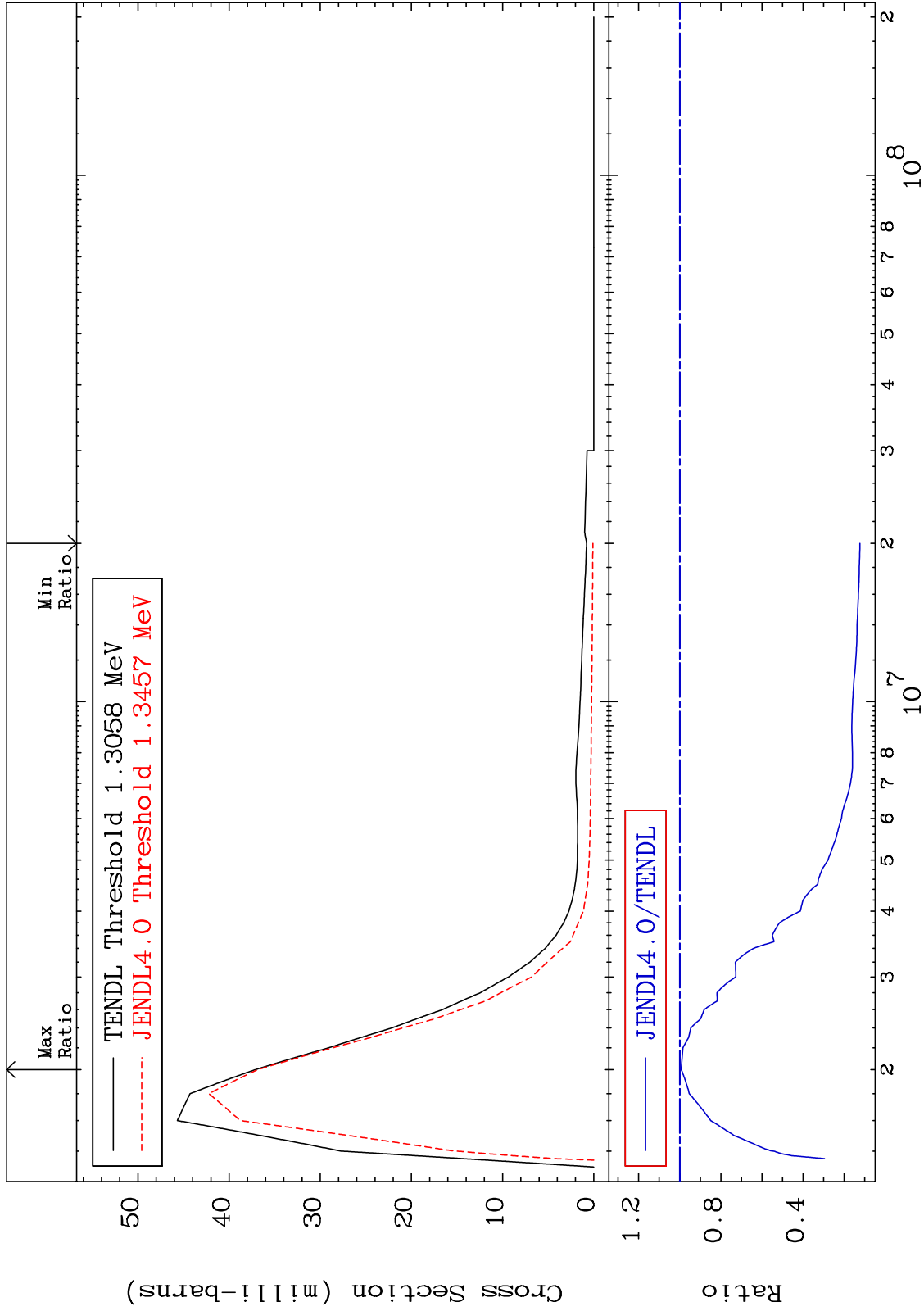
96-Cm-246
20.68 To 9999. %



MAT 9643

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

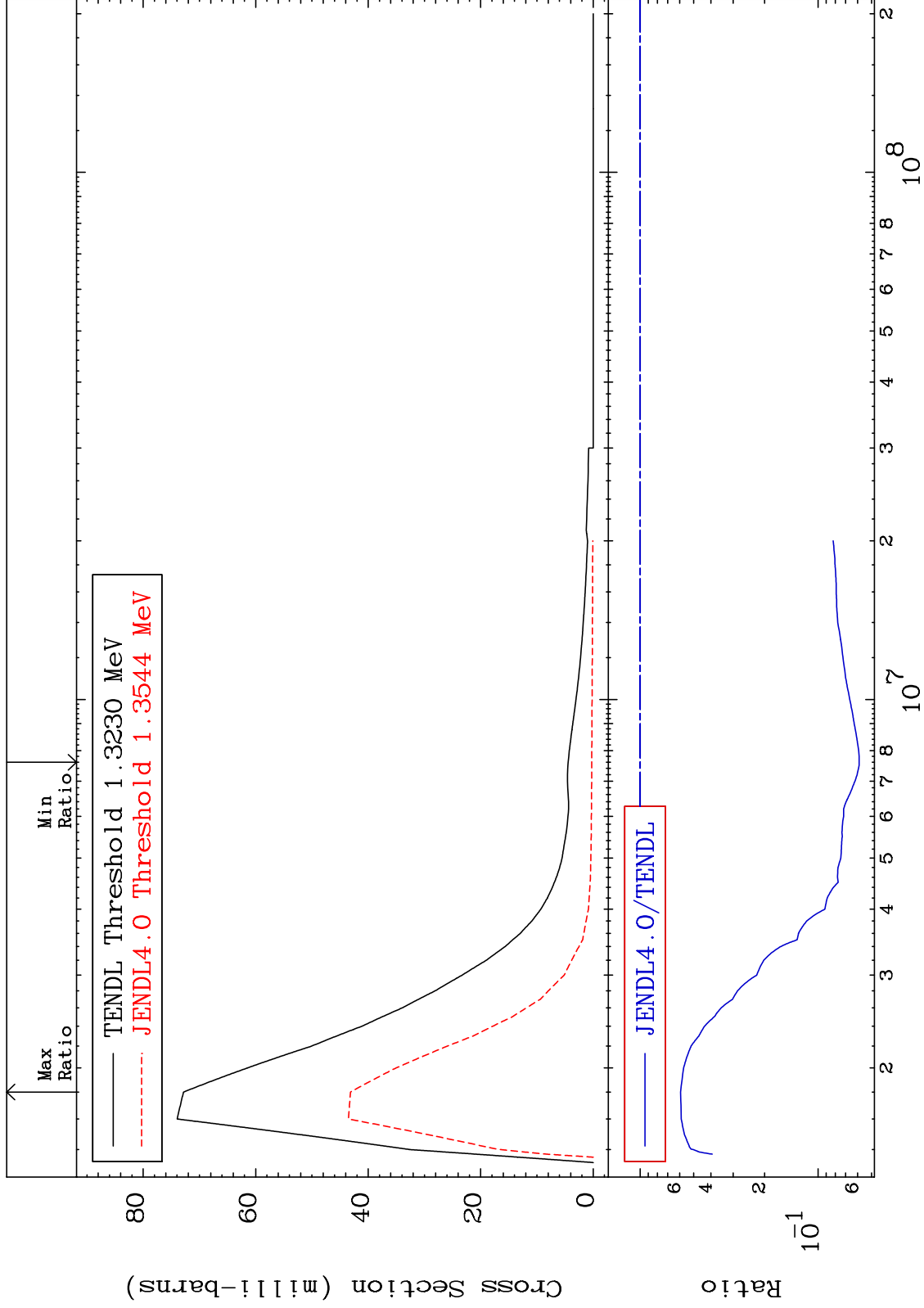
96-Cm-246
-87.66 To -0.720%



MAT 9643

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

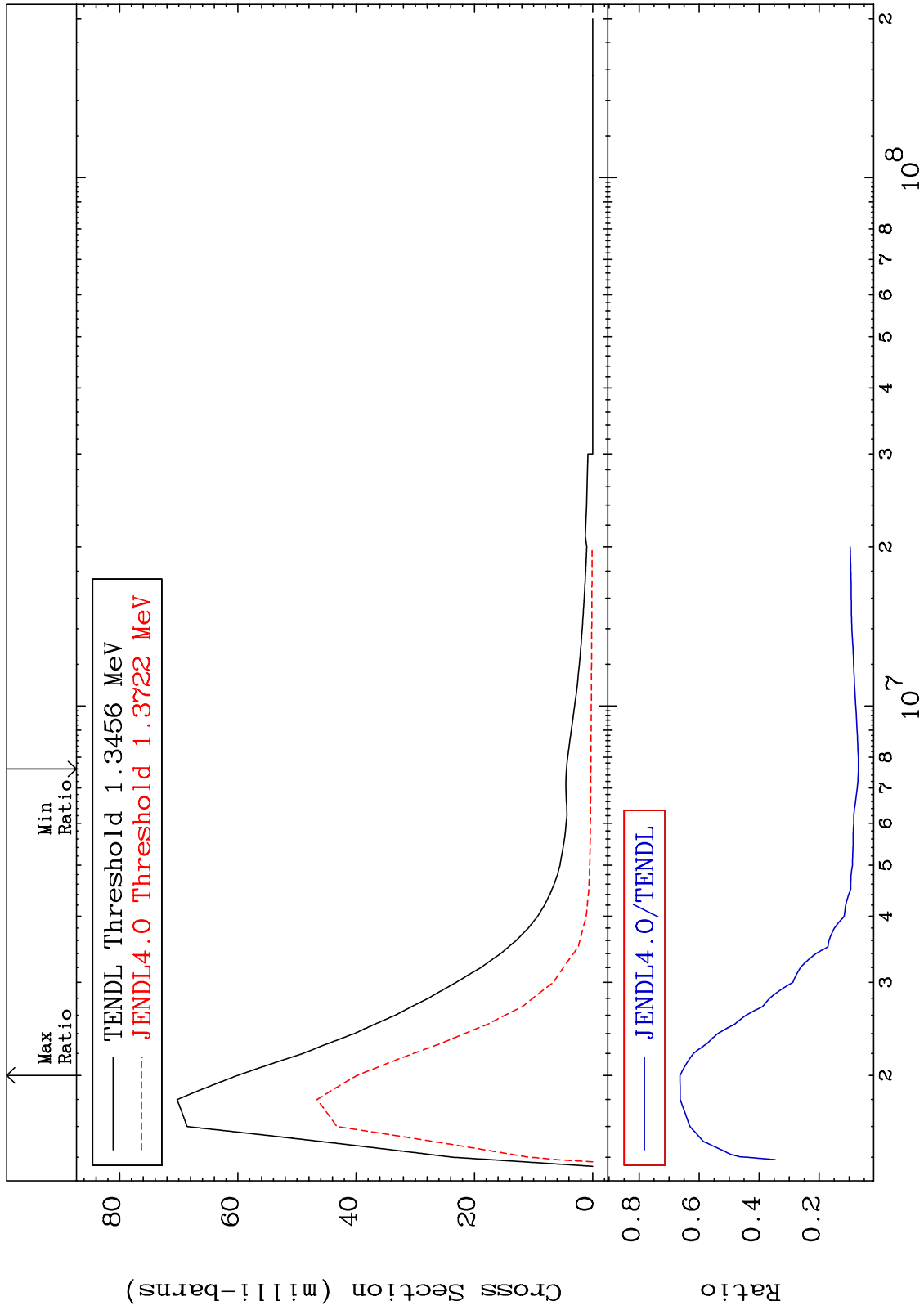
96-Cm-246
-94.13 To -40.73%



MAT 9643

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

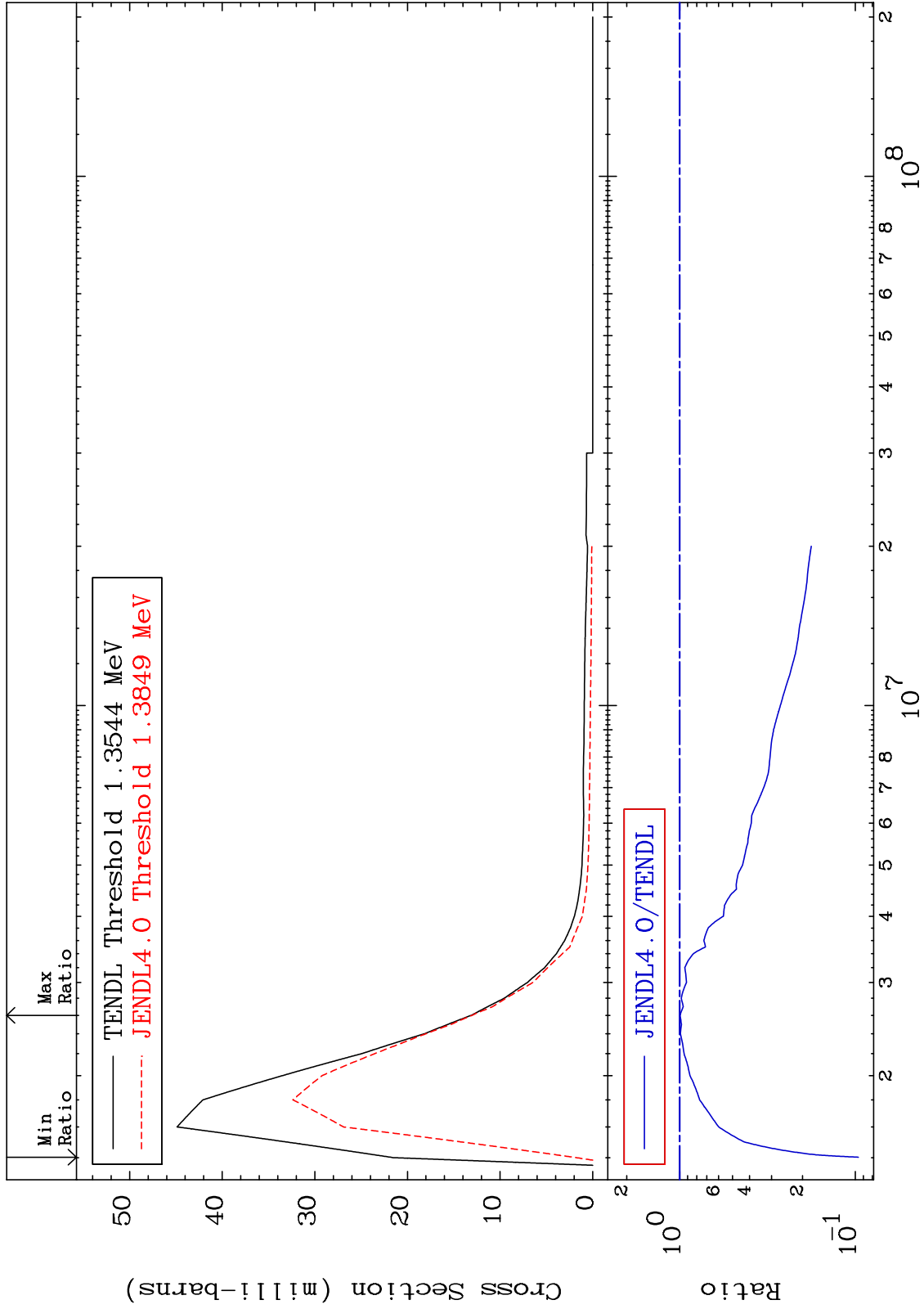
96-Cm-246
-93.07 To -33.64%



MAT 9643

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

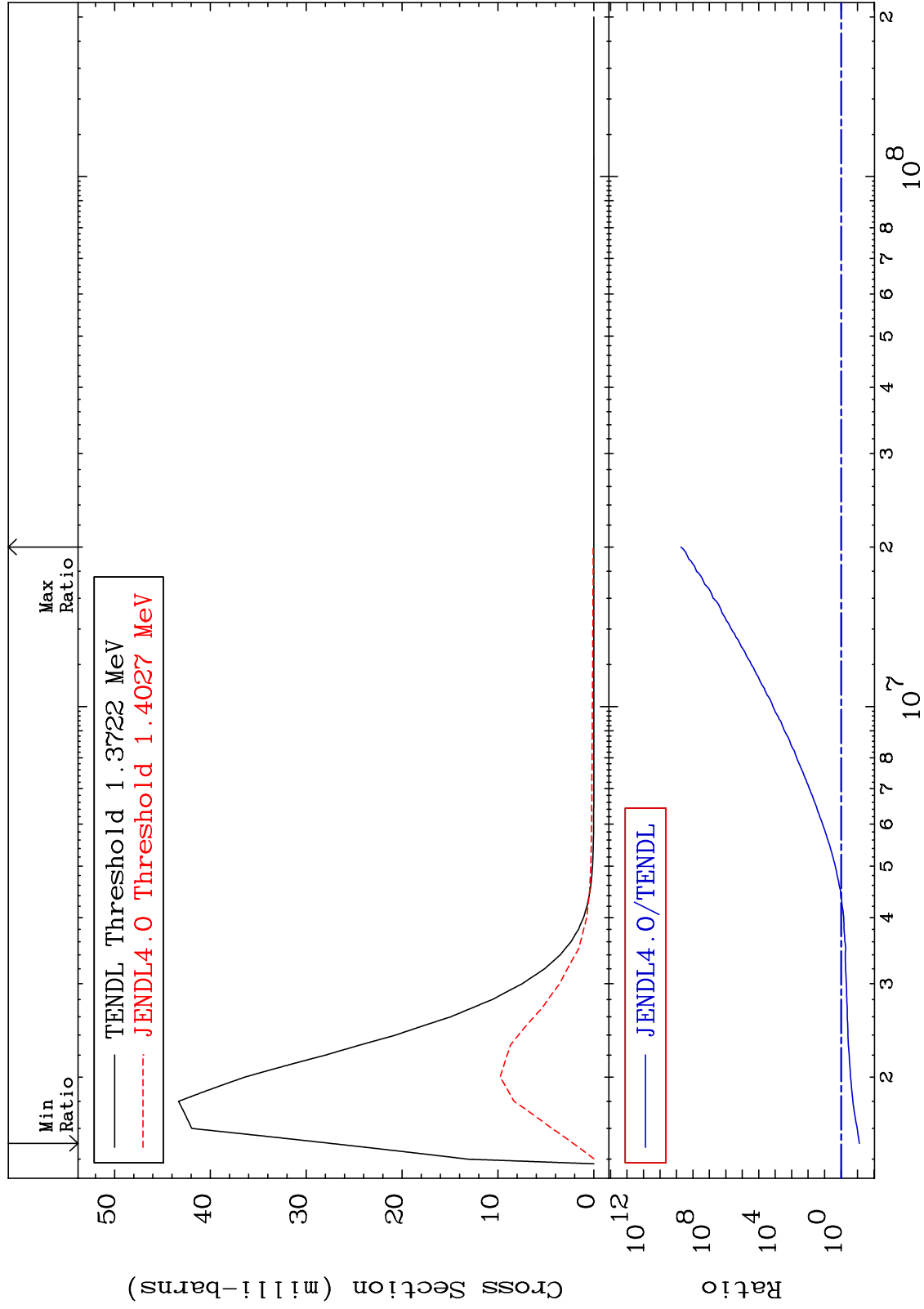
96-Cm-246
-90.39 To -0.499%



MAT 9643

MT= 80 (n,n') Level
Cross Section

96-Cm-246
-92.18 To 9999. %

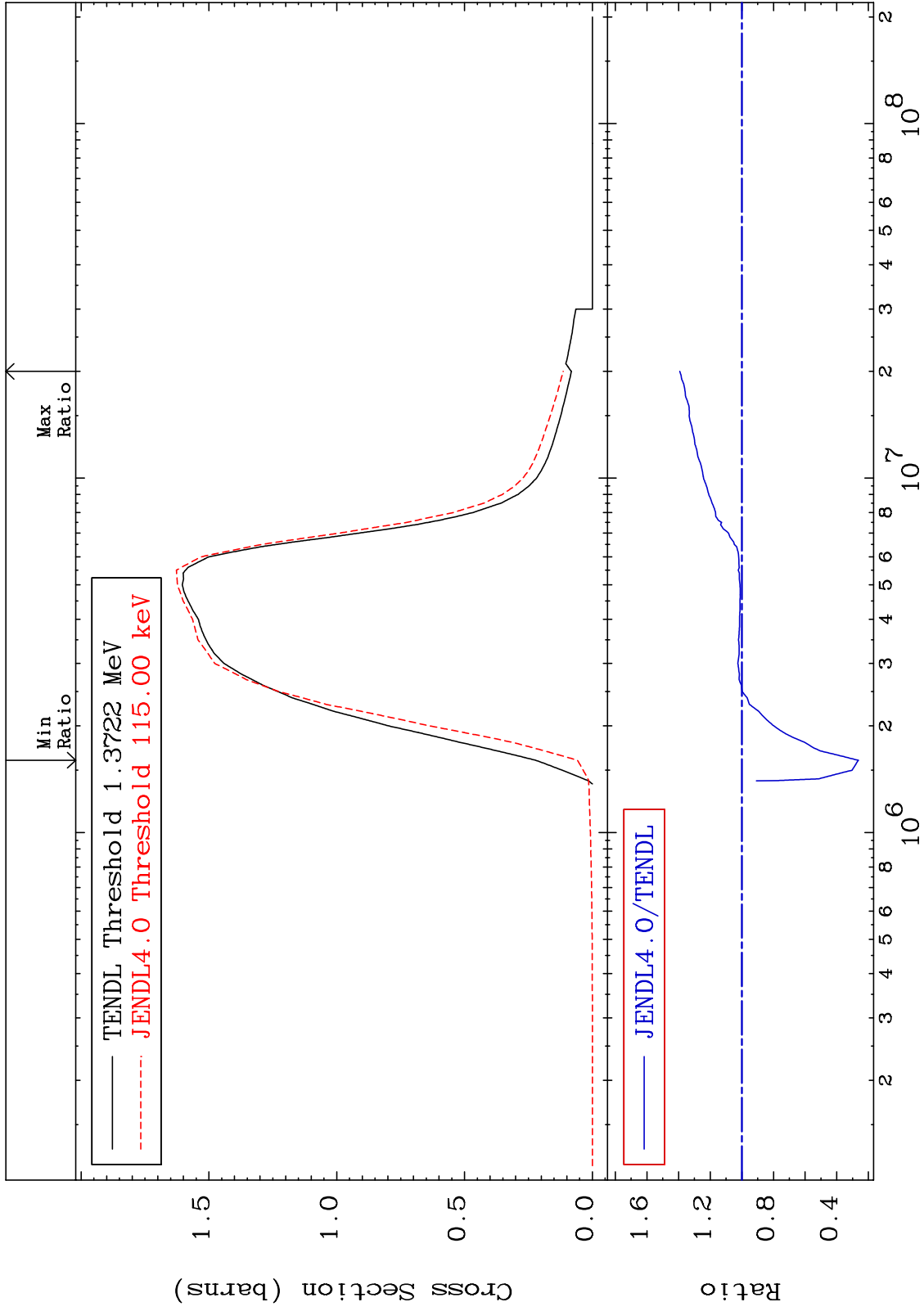


40

MAT 9643

(n, n') Continuum
Cross Section

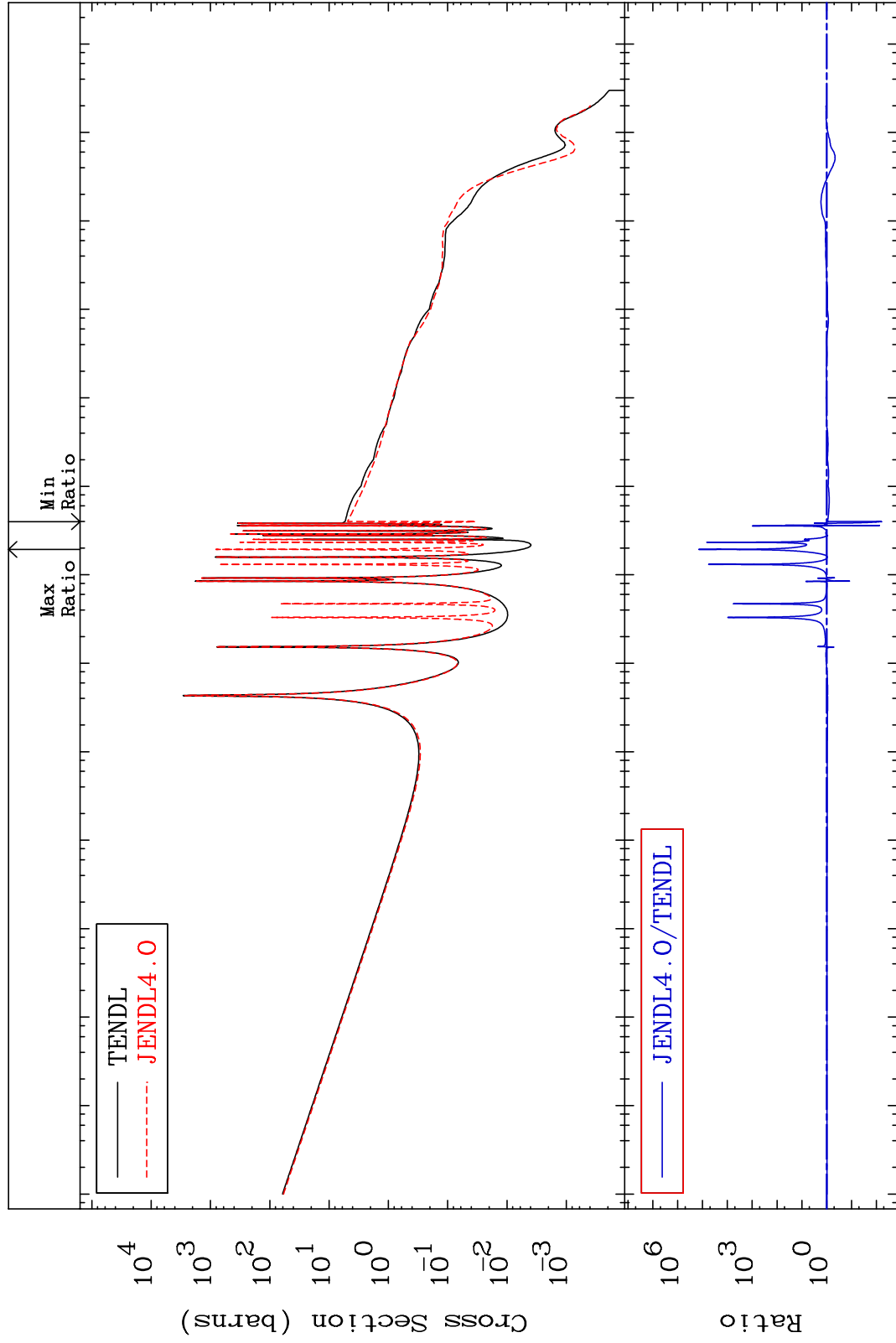
96-Cm-246
-73.62 To 39.21 %



MAT 9643

(n, γ)
Cross Section

96-Cm-246
-99.38 To 9999. %



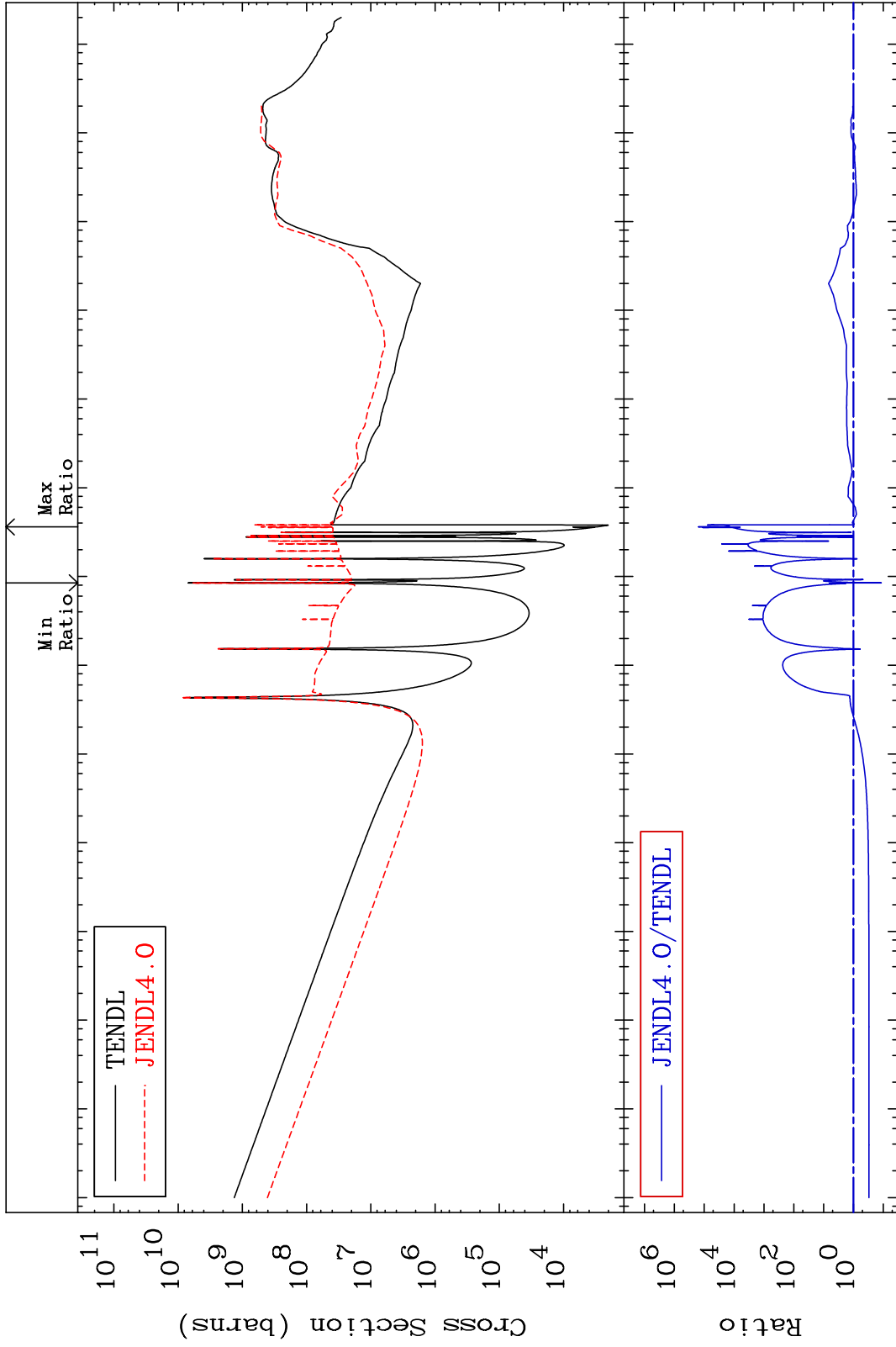
MAT 9643

Kerma total (eV-barns)

96-Cm-246

-88.53 To 9999. %

Cross Section



43

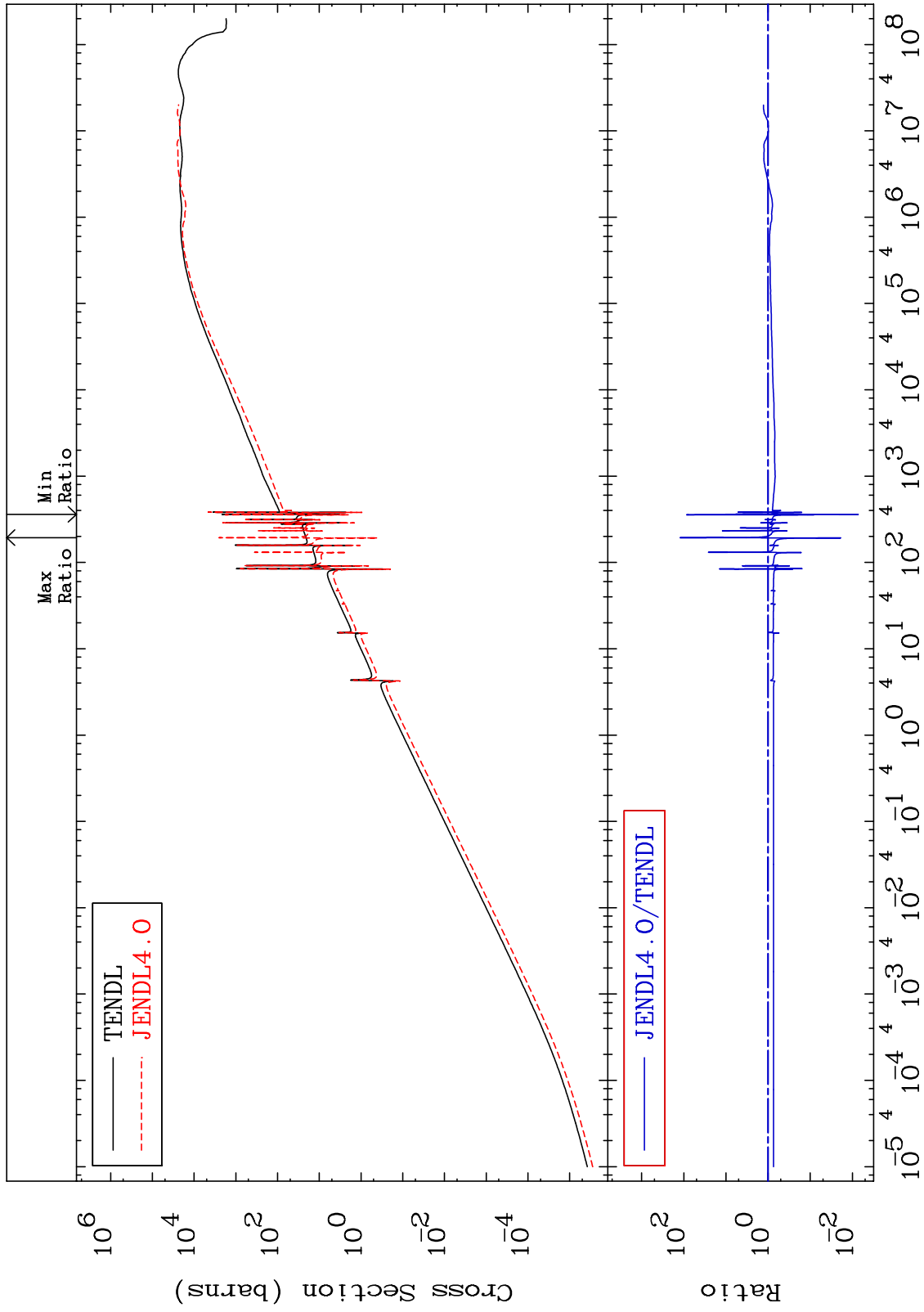
Incident Energy (eV)

96-Cm-246

MAT 9643

Kerma elastic
Cross Section

96-Cm-246
-99.28 To 9999. %



44

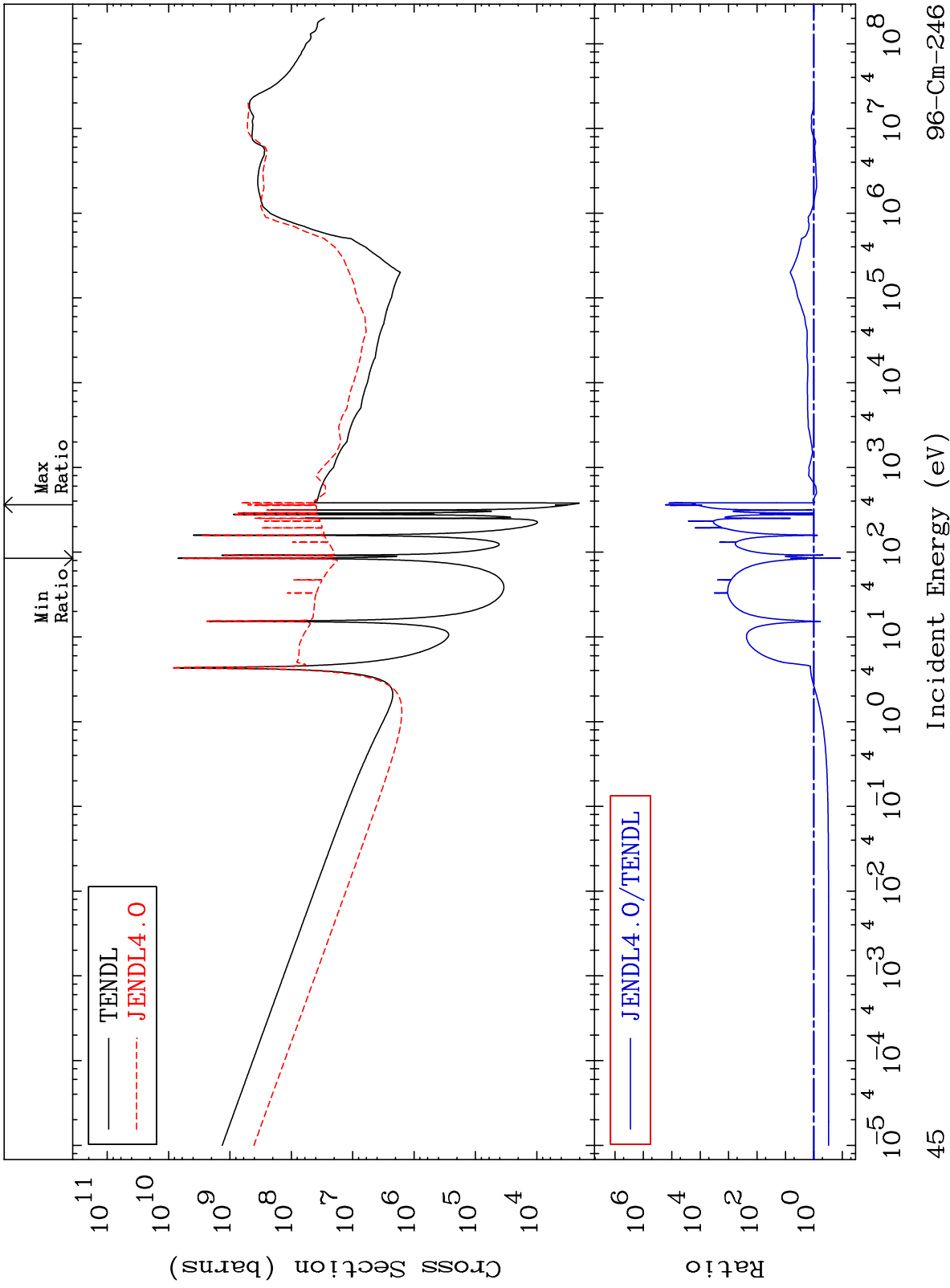
Incident Energy (eV)

96-Cm-246

MAT 9643

Kerma non-elastic (all but mt2)
Cross Section

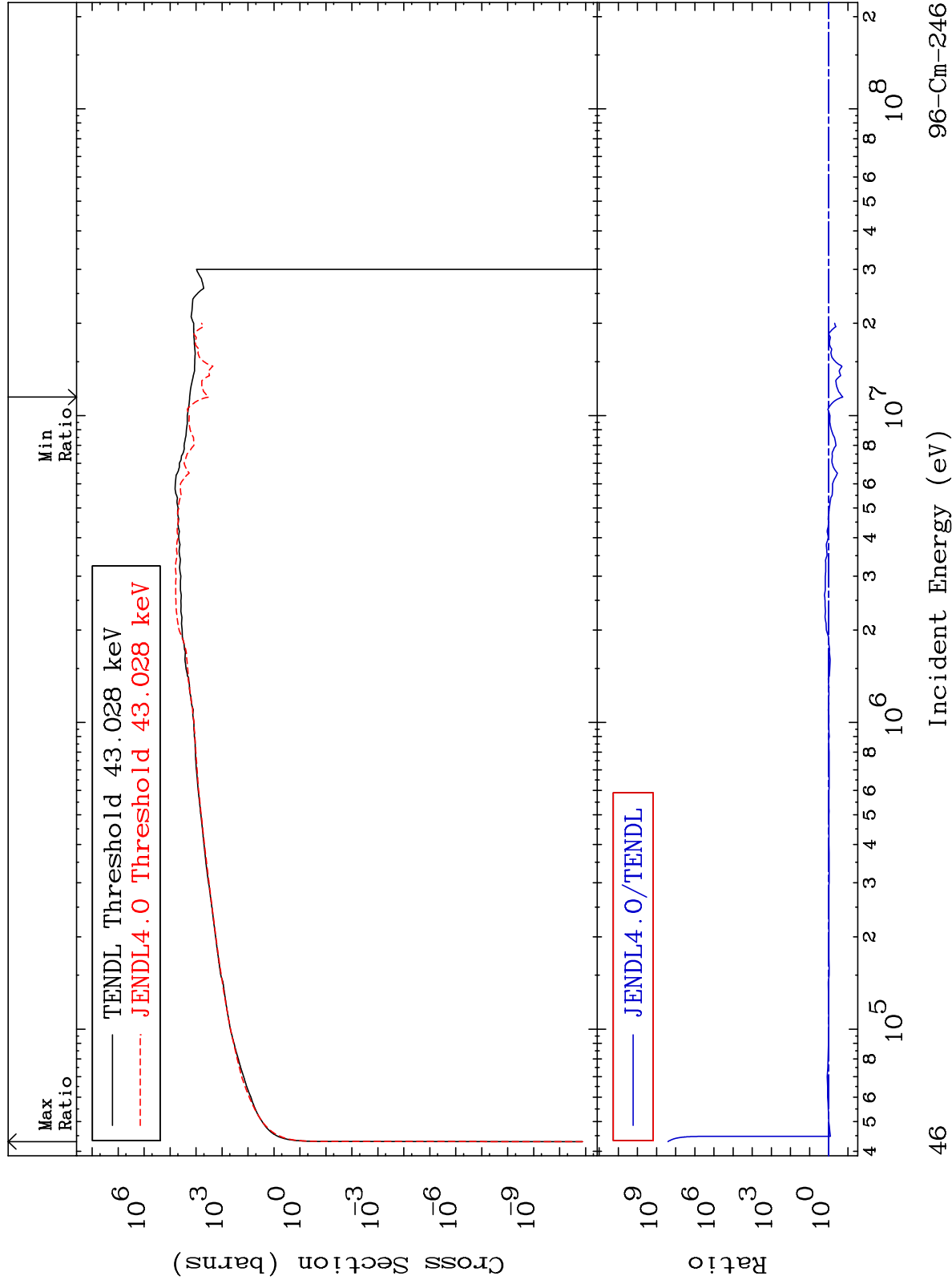
96-Cm-246
-88.53 To 9999. %



MAT 9643

Kerma inelastic (mt51-91)
Cross Section

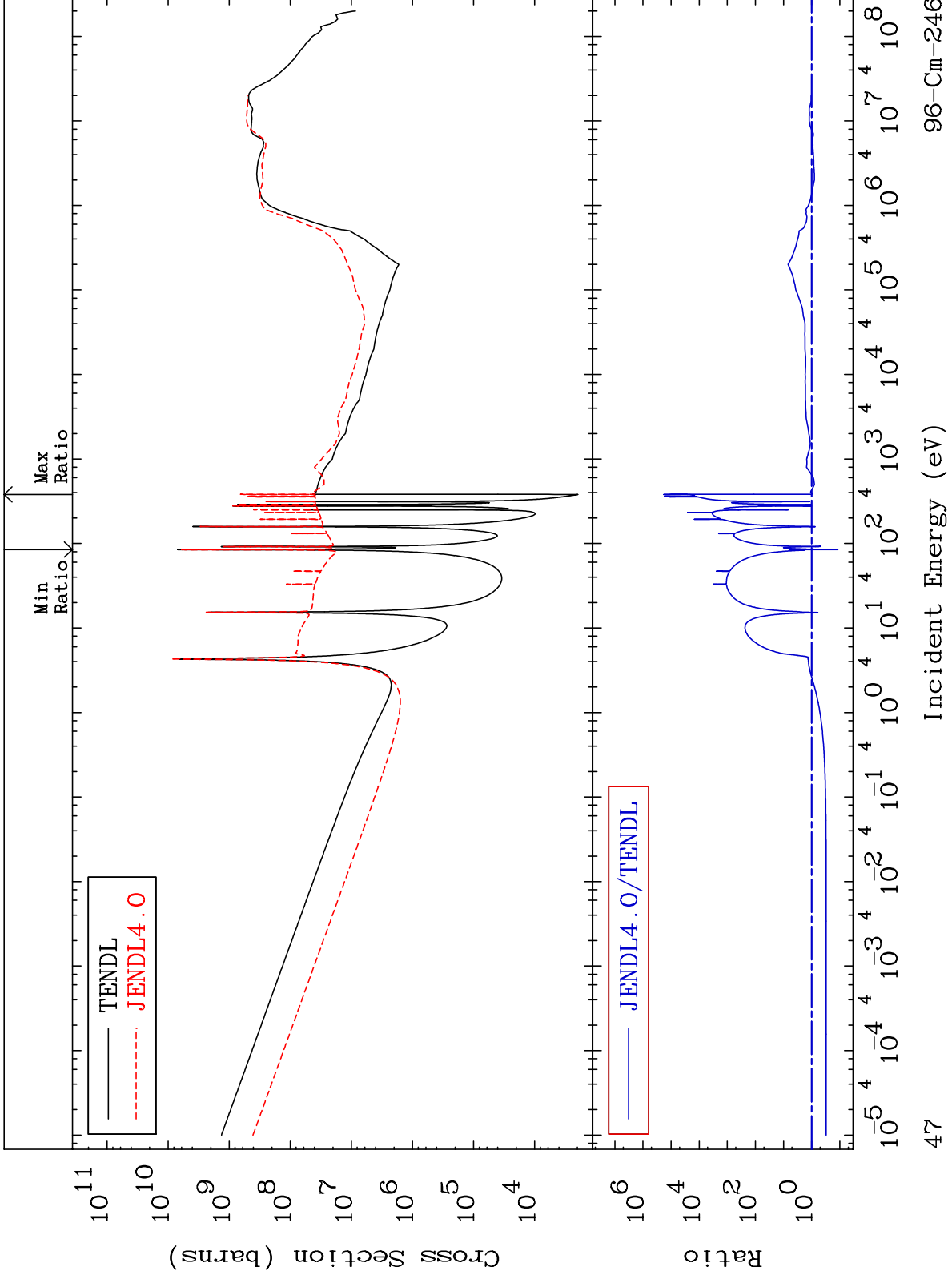
96-Cm-246
-81.77 To 9999. %



MAT 9643

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

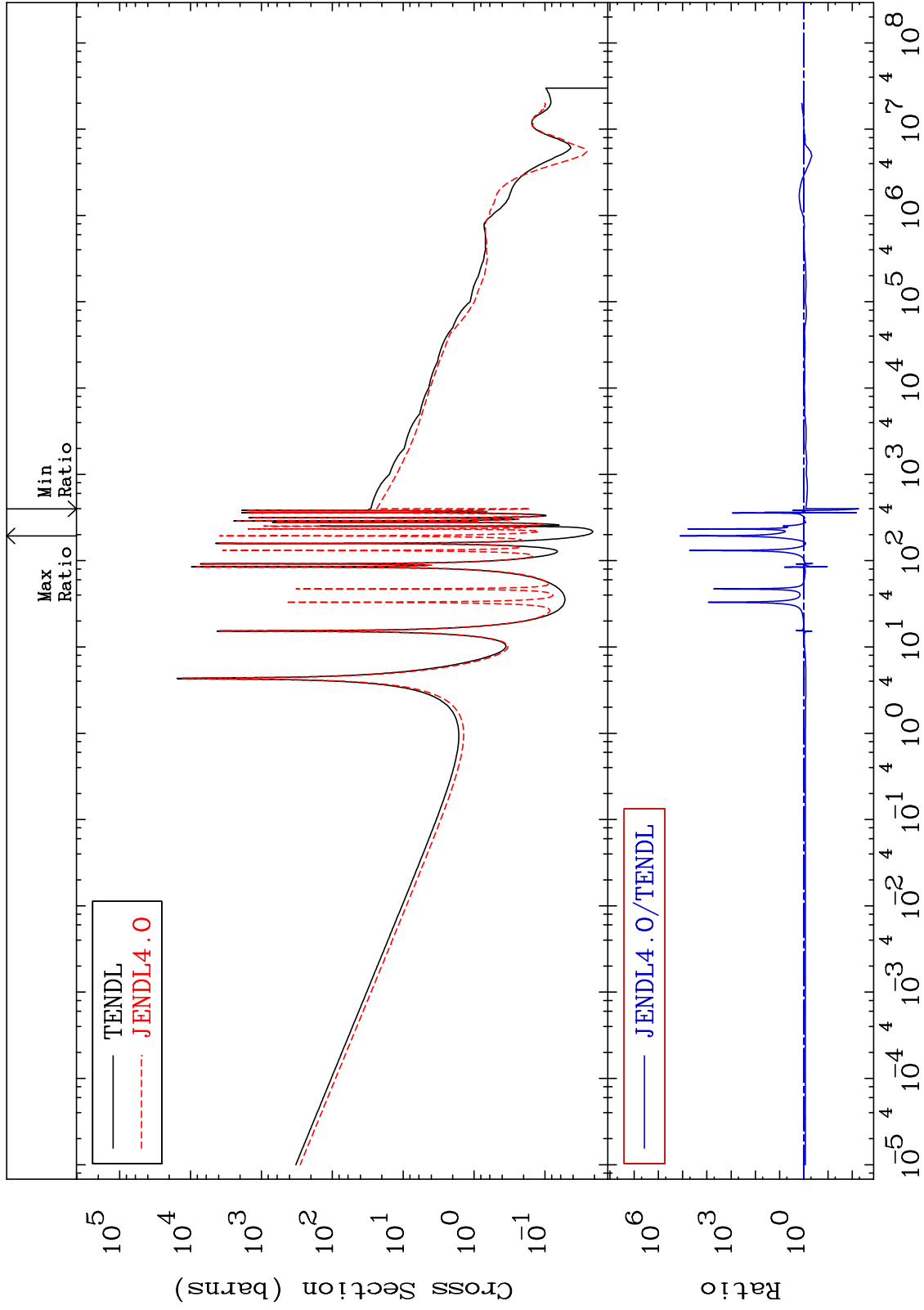
96-Cm-246
-88.53 To 9999. %



MAT 9643

Kerma capture (mt102)
Cross Section

96-Cm-246
-99.44 To 9999. %



48

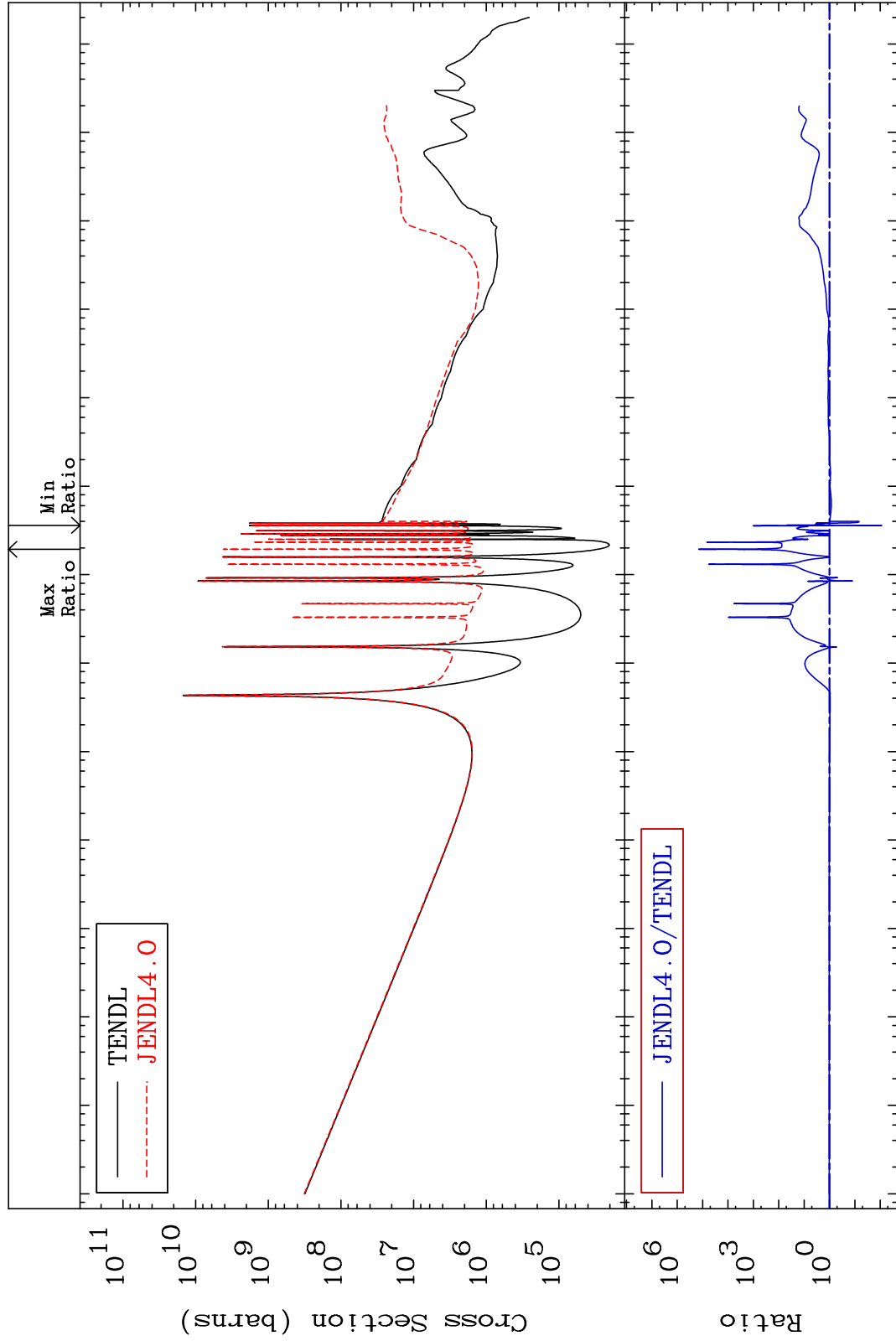
Incident Energy (eV)

96-Cm-246

MAT 9643

Total photon (eV-barns)
Cross Section

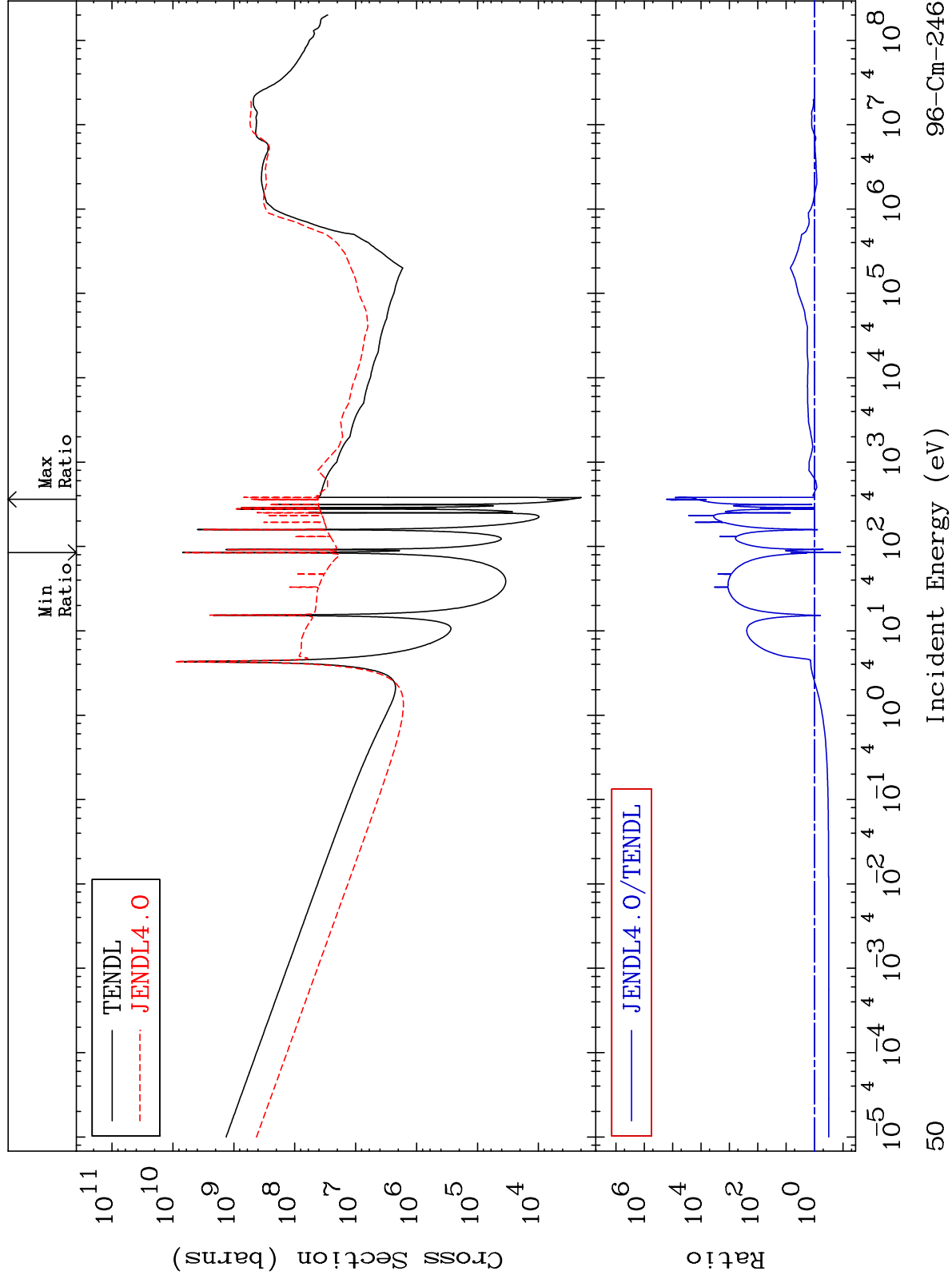
96-Cm-246
-99.12 To 9999. %



MAT 9643

Total kinematic kerma (high limit)
Cross Section

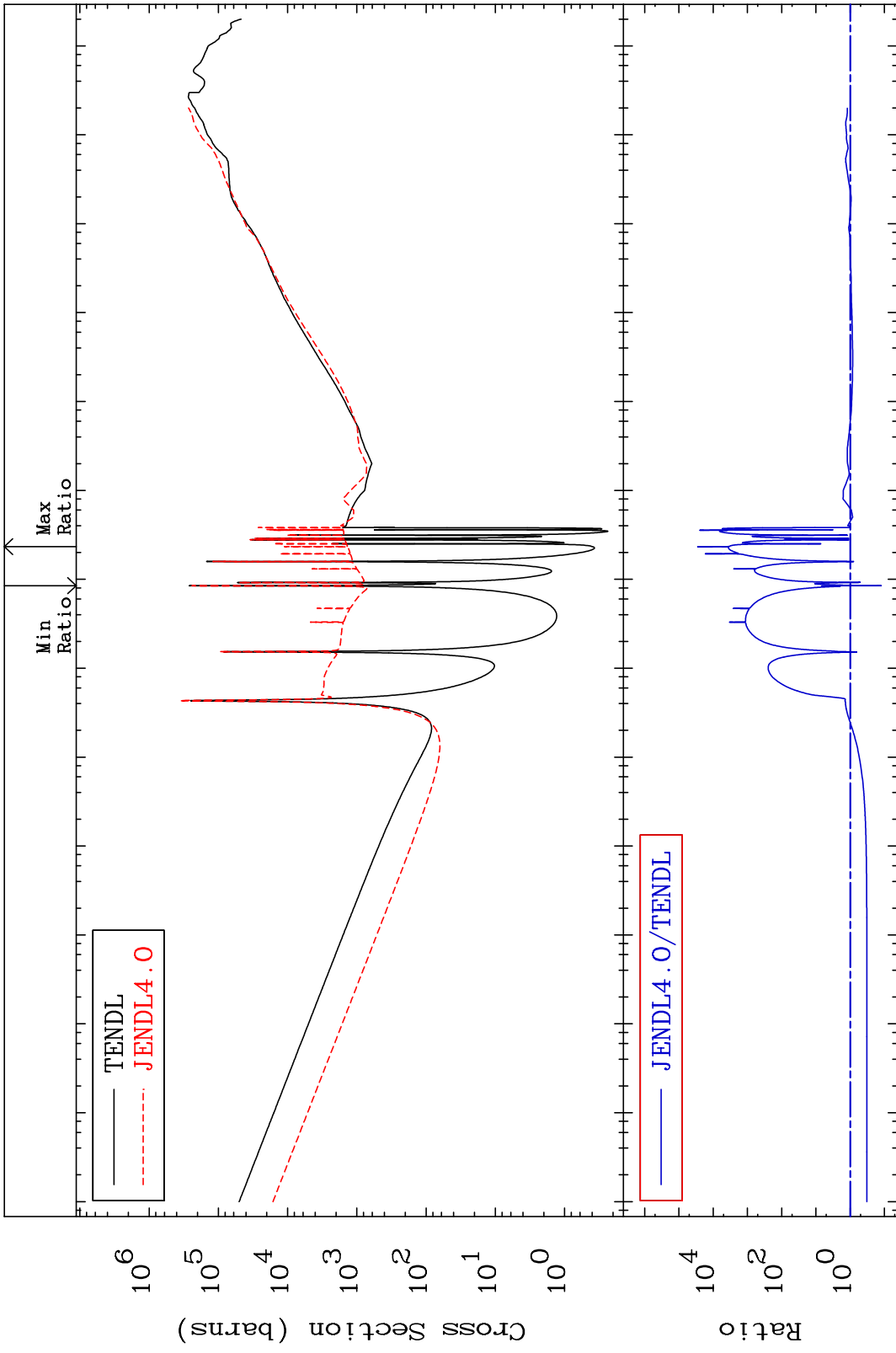
96-Cm-246
-88.03 To 9999. %



MAT 9643

Dpa total (eV-barns)
Cross Section

96-Cm-246
-87.80 To 9999. %



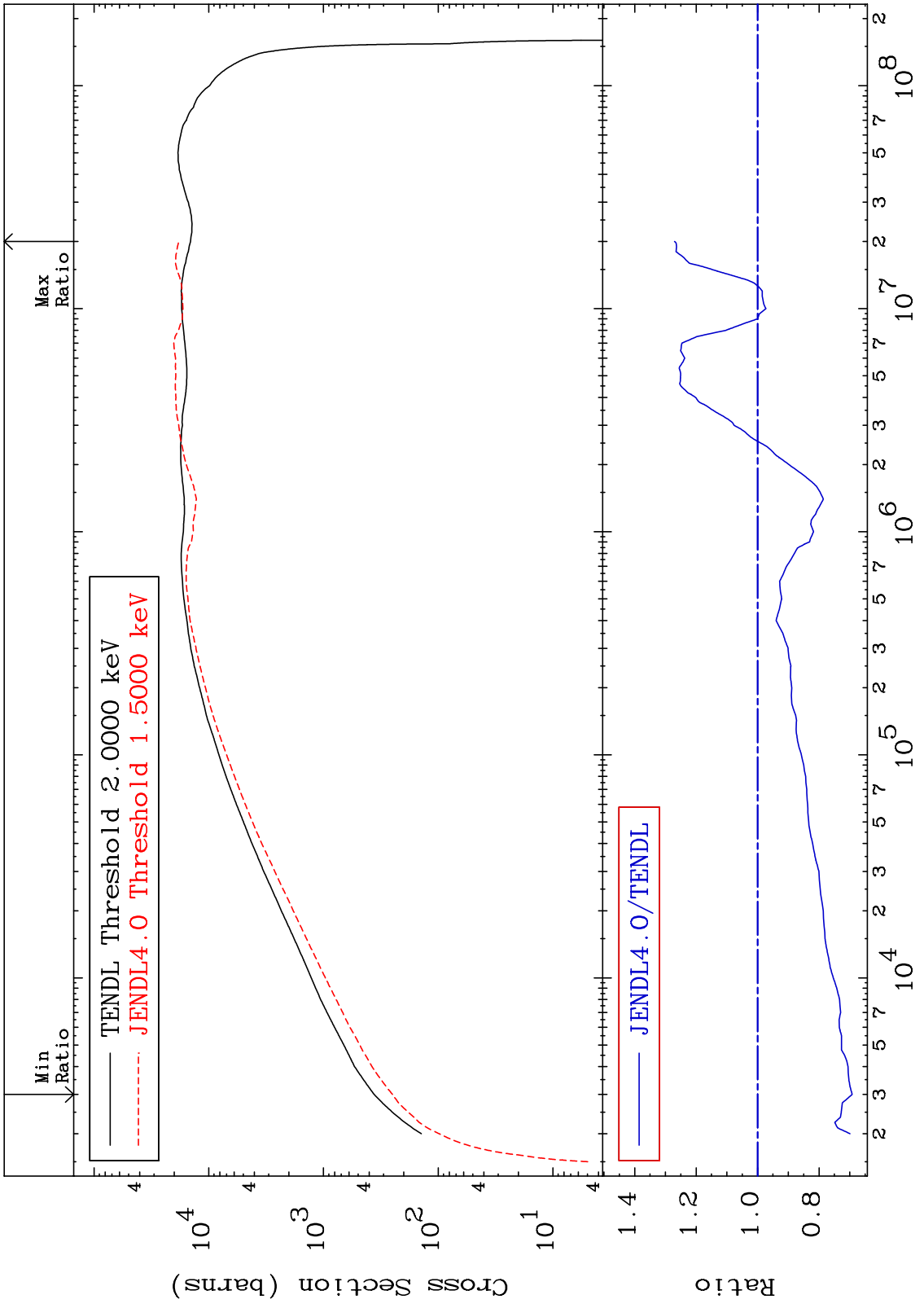
— TENDL
- - - JENDL4.0

— JENDL4.0/TENDL

MAT 9643

Dpa elastic (mt2)
Cross Section

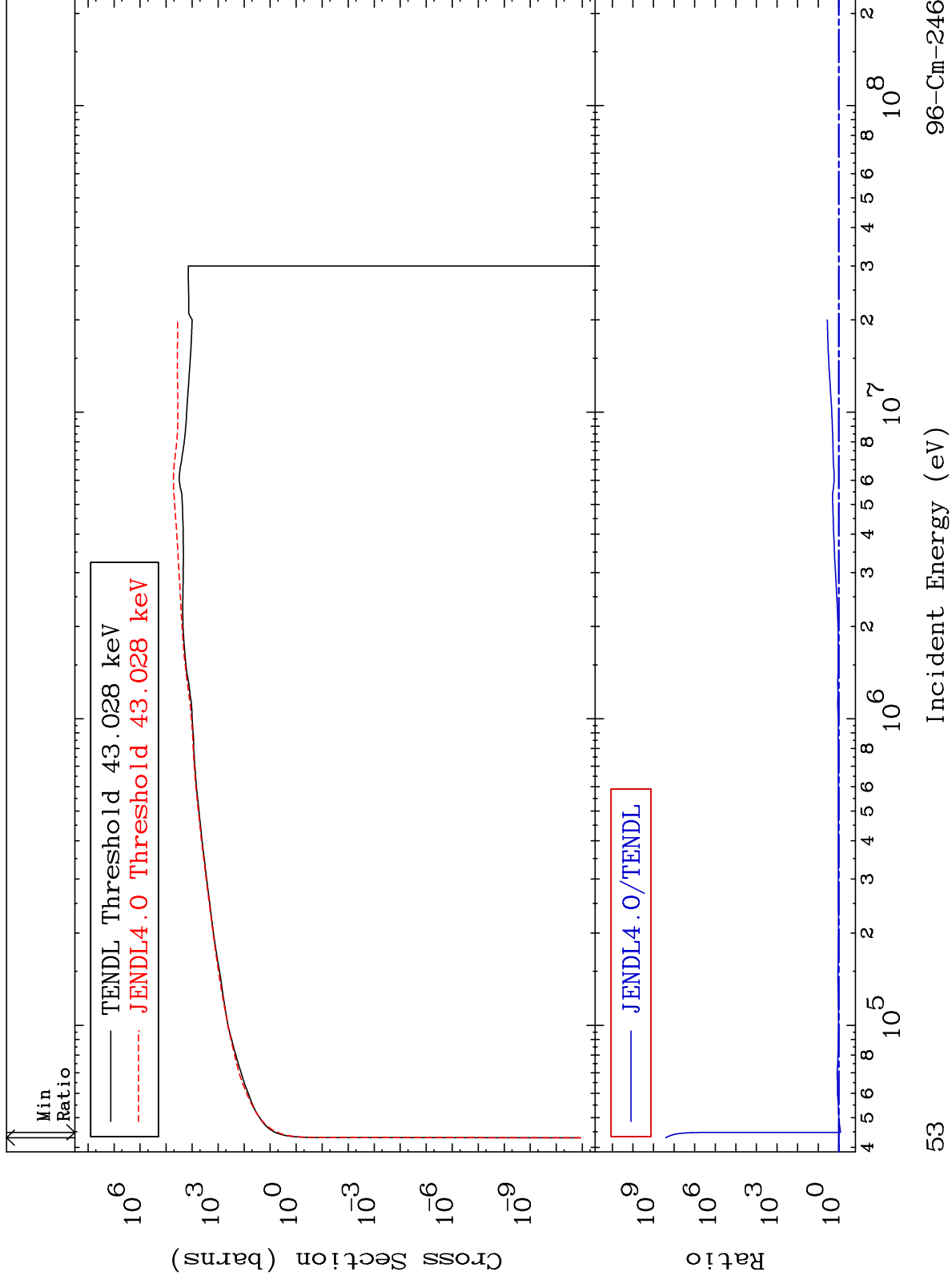
96-Cm-246
-30.79 To 27.02 %



MAT 9643

Dpa inelastic (mt51-91)
Cross Section

96-Cm-246
-17.86 To 9999. %



MAT 9643

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-246
-99.99 To 9999. %

