

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

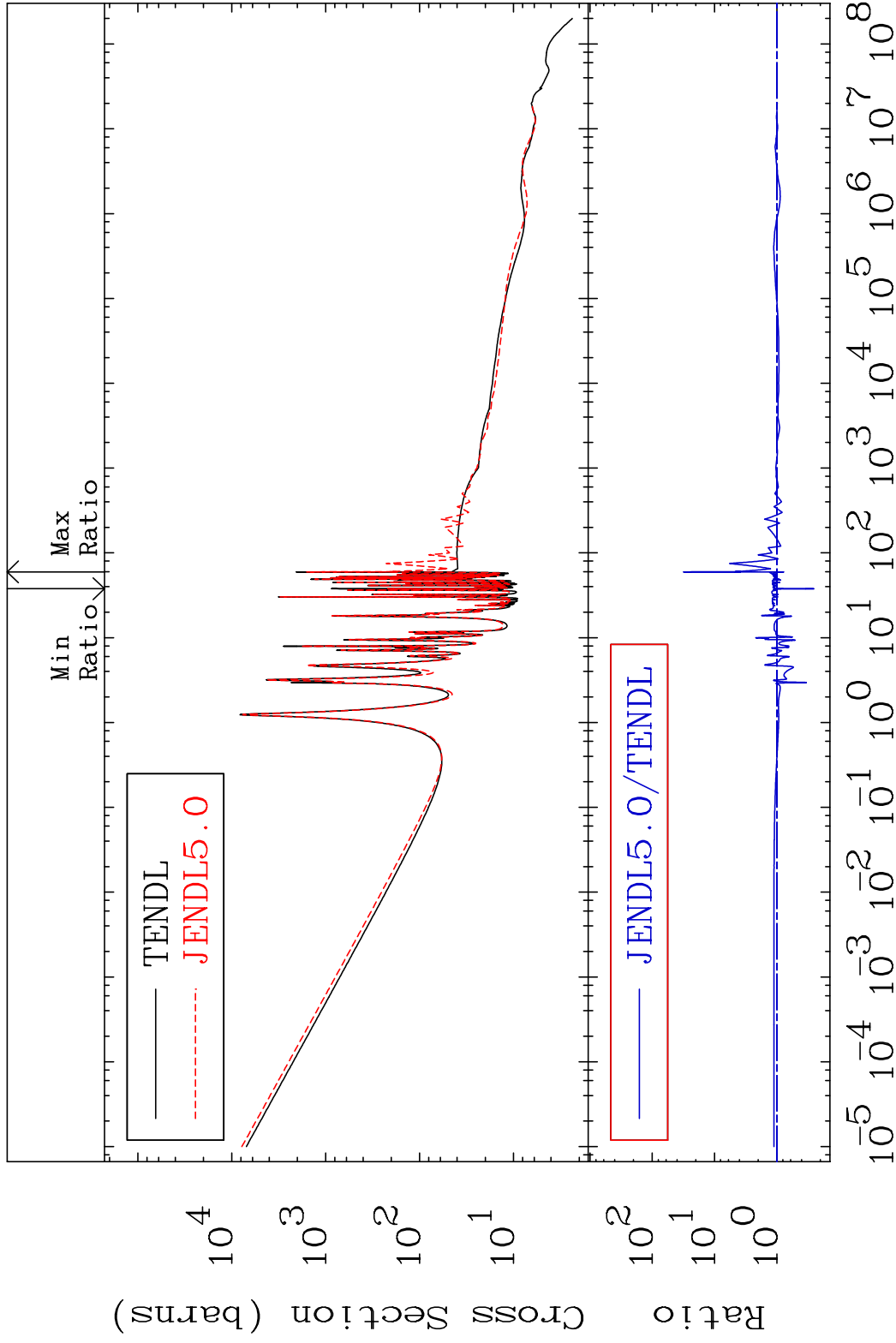
MAT 9646

Total

96-Cm-247

Cross Section

-74.77 To 3032. %



1

Incident Energy (eV)

96-Cm-247

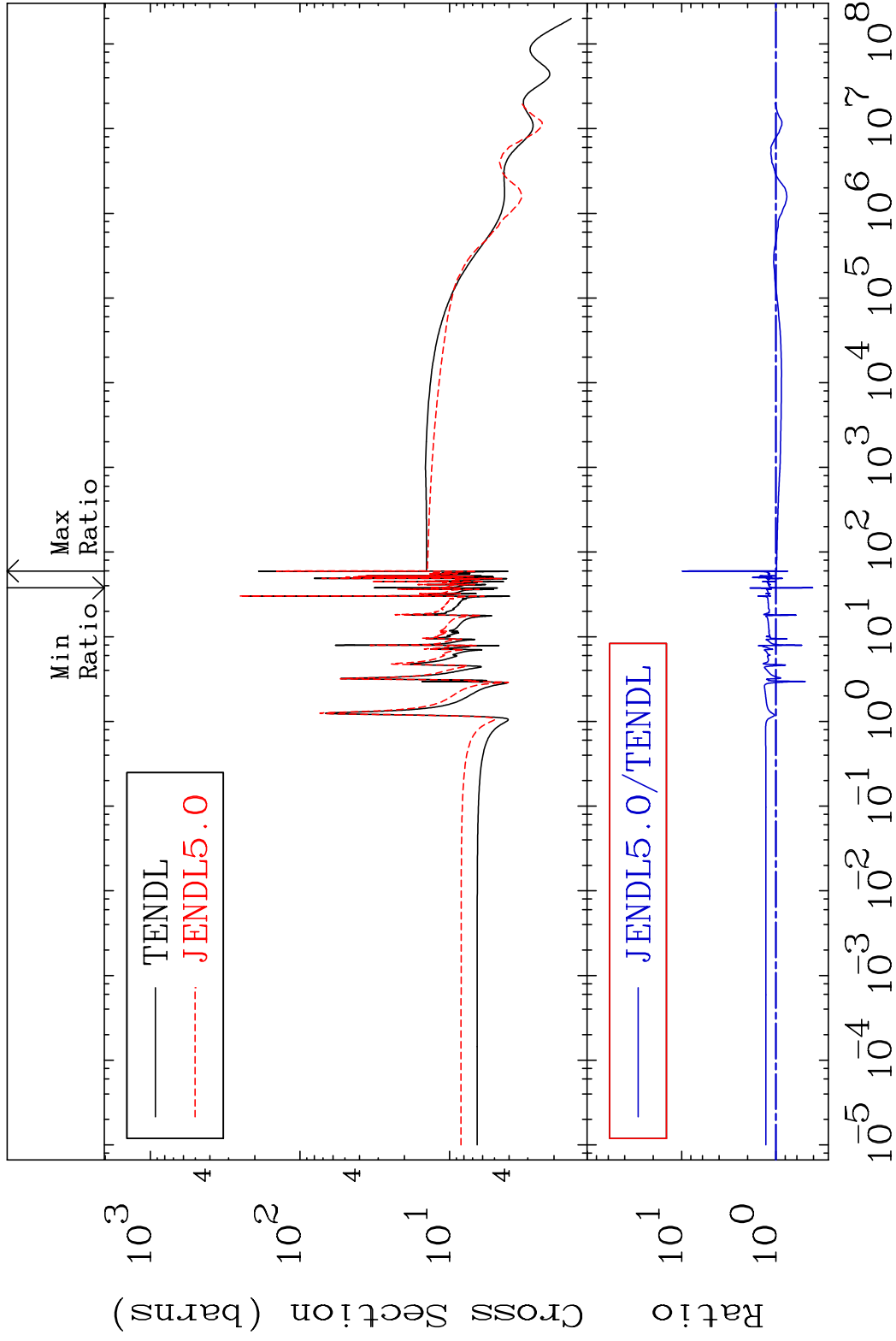
MAT 9646

Elastic

96-Cm-247

Cross Section

-59.02 To 882.1 %

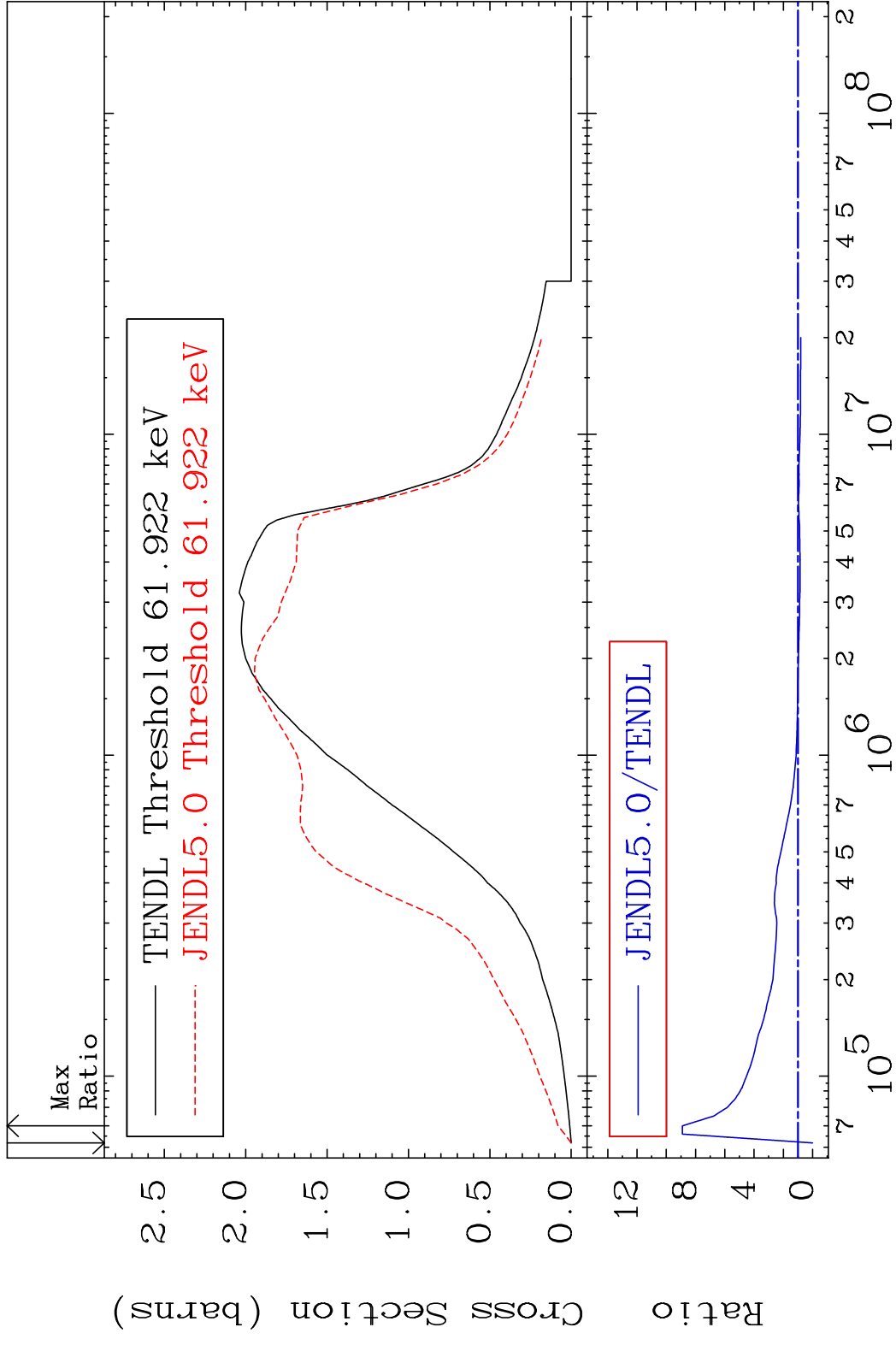


2

Incident Energy (eV)

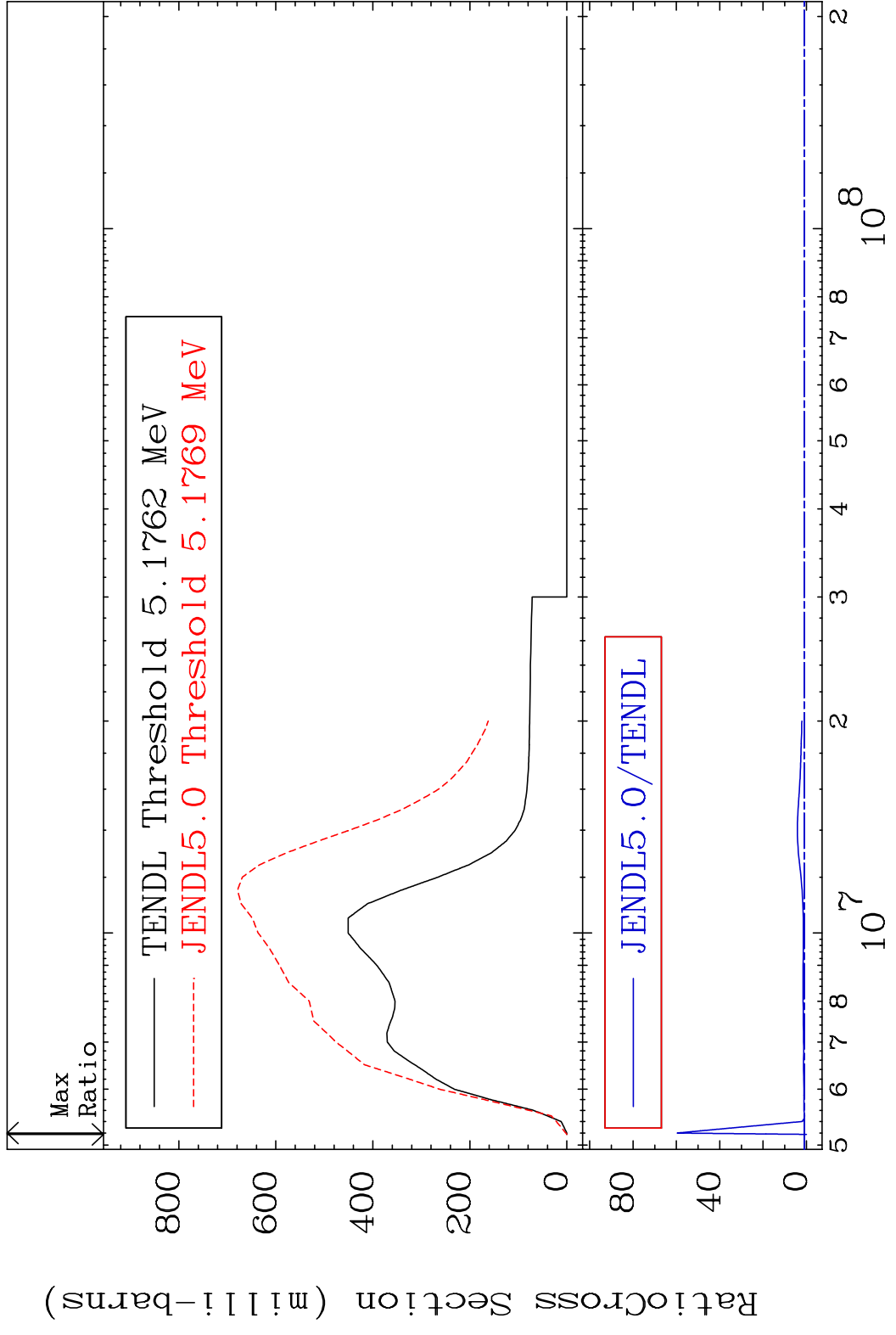
96-Cm-247

MAT 9646 Inelastic 96-Cm-247
 Cross Section -100.0 To 790.3 %



3 Incident Energy (eV) 96-Cm-247

MAT 9646 (n,2n) 96-Cm-247
Cross Section -100.0 To 5864. %



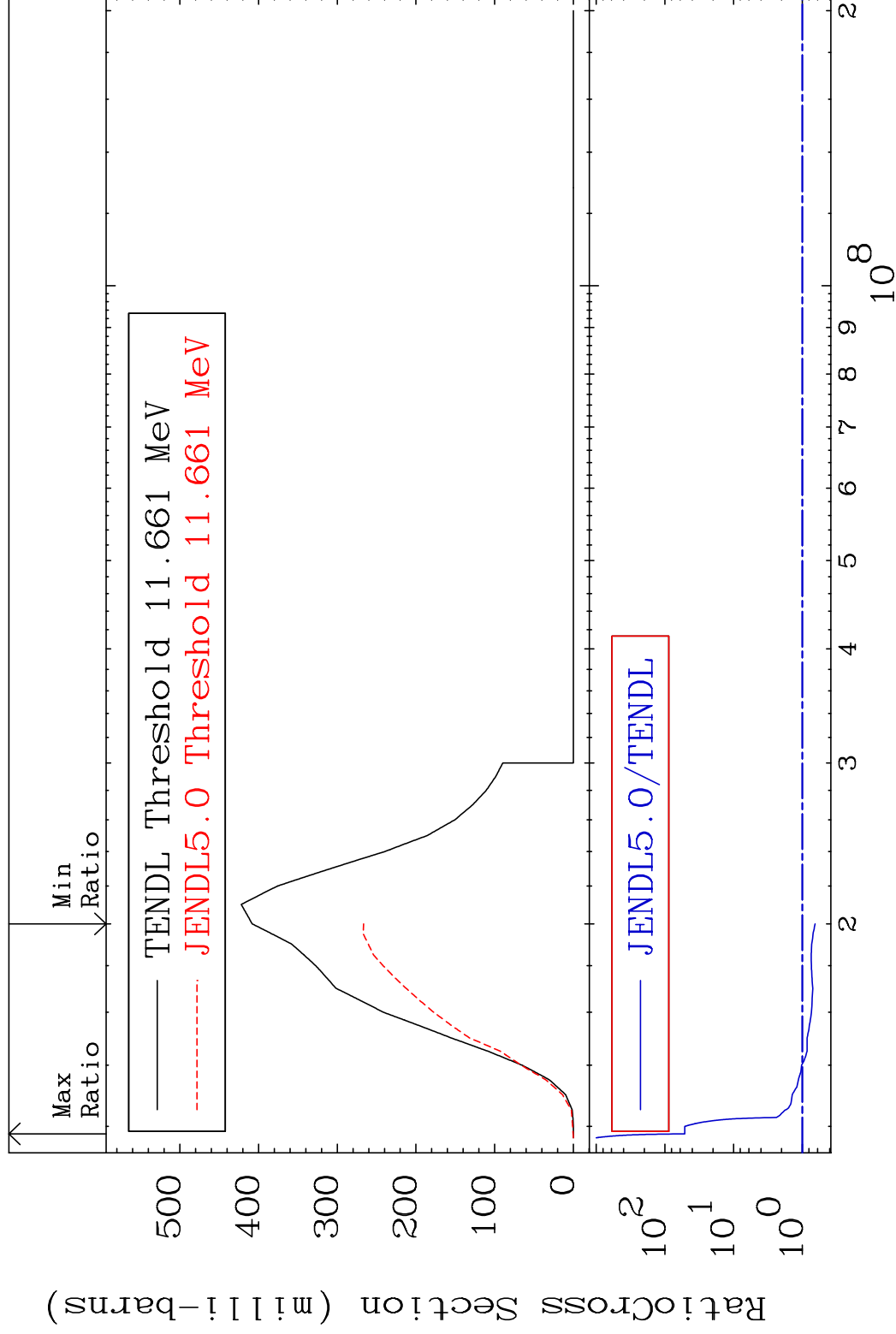
4 5 6 7 8 2 8 10 2 96-Cm-247

MAT 9646

(n,3n)

96-Cm-247

Cross Section -34.71 To 5057. %



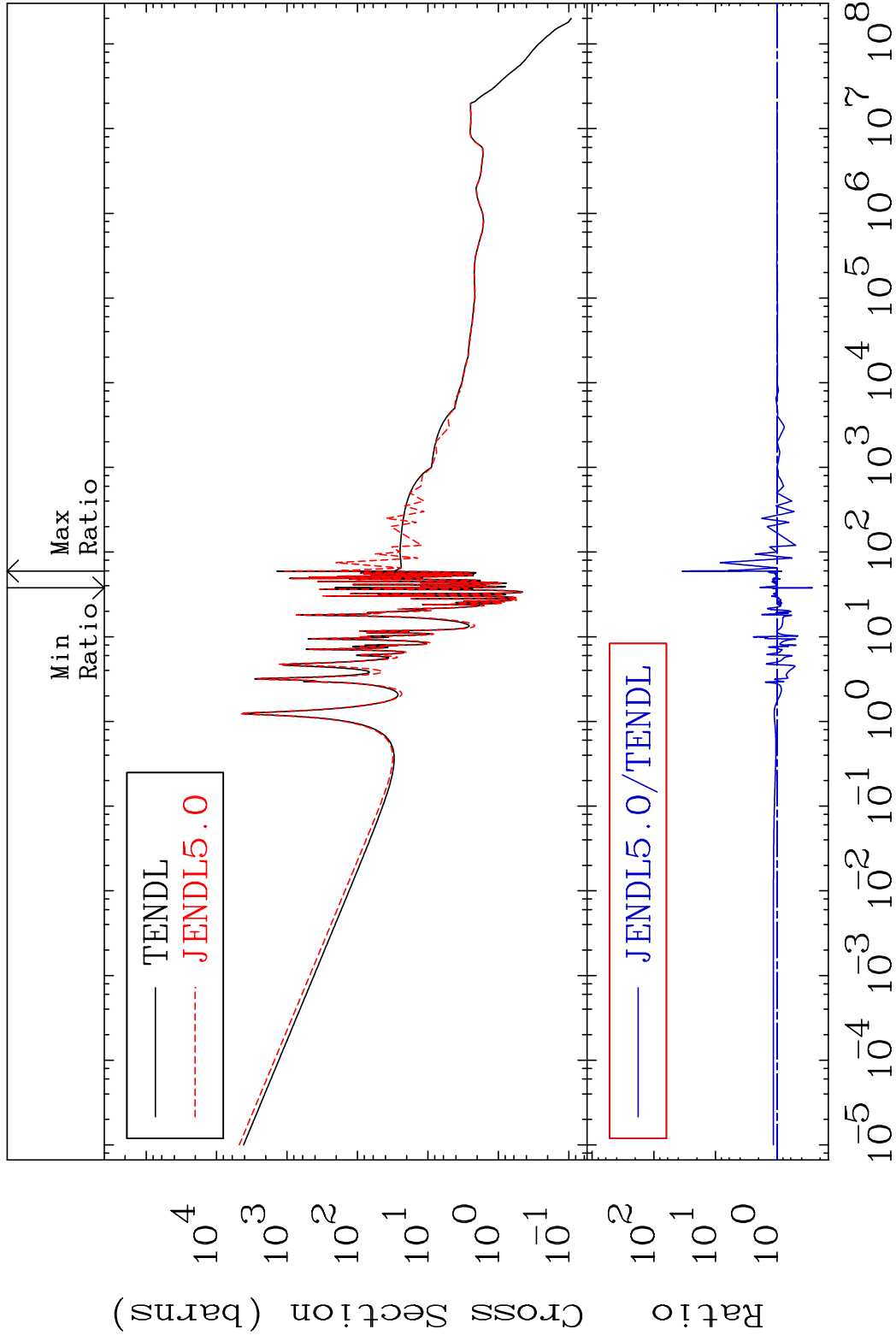
5

Incident Energy (eV)

96-Cm-247

MAT 9646

Fission Cross Section -73.43 To 3343. %
96-Cm-247

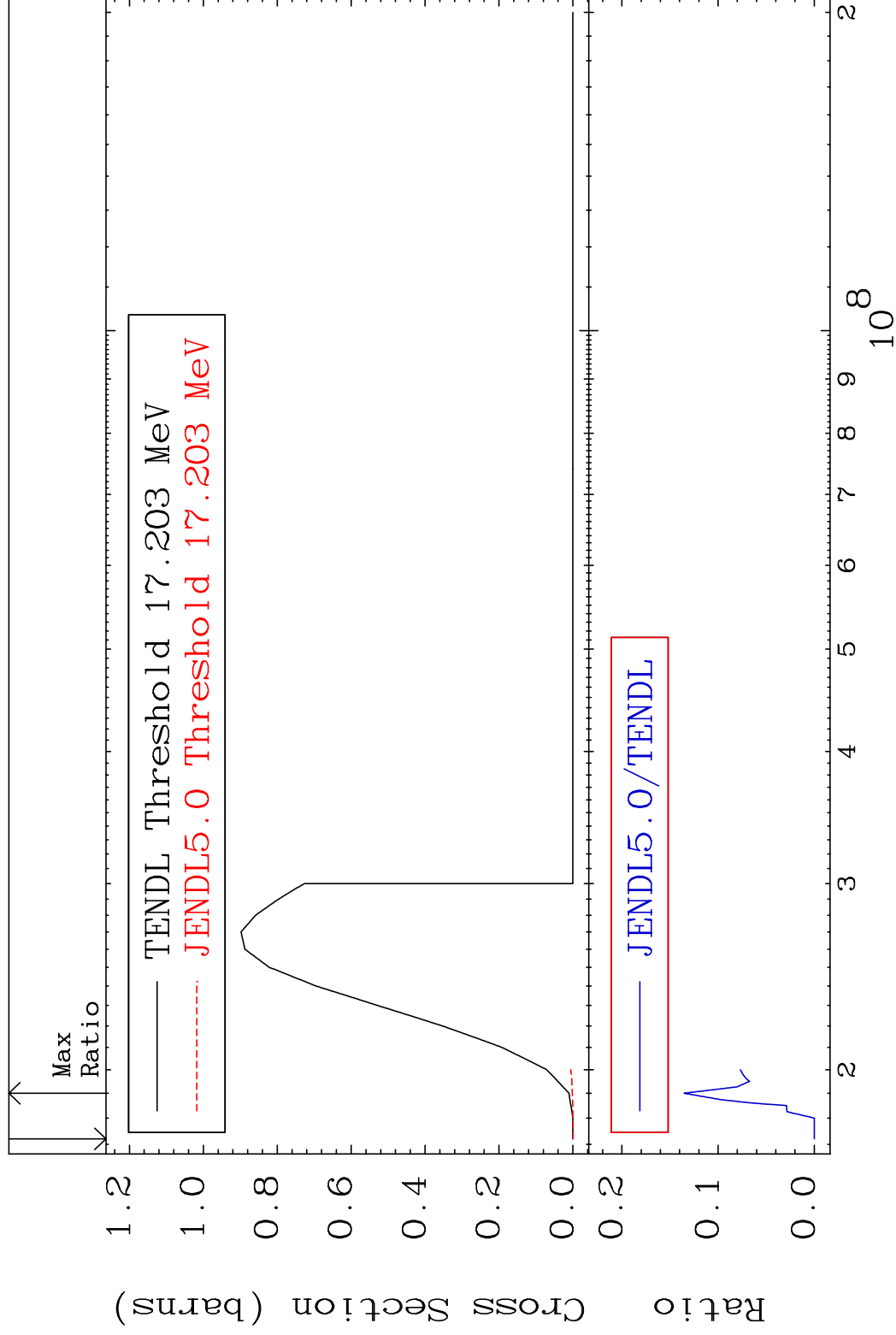


MAT 9646

(n, 4n)

96-Cm-247

Cross Section -100.0 To -86.46%

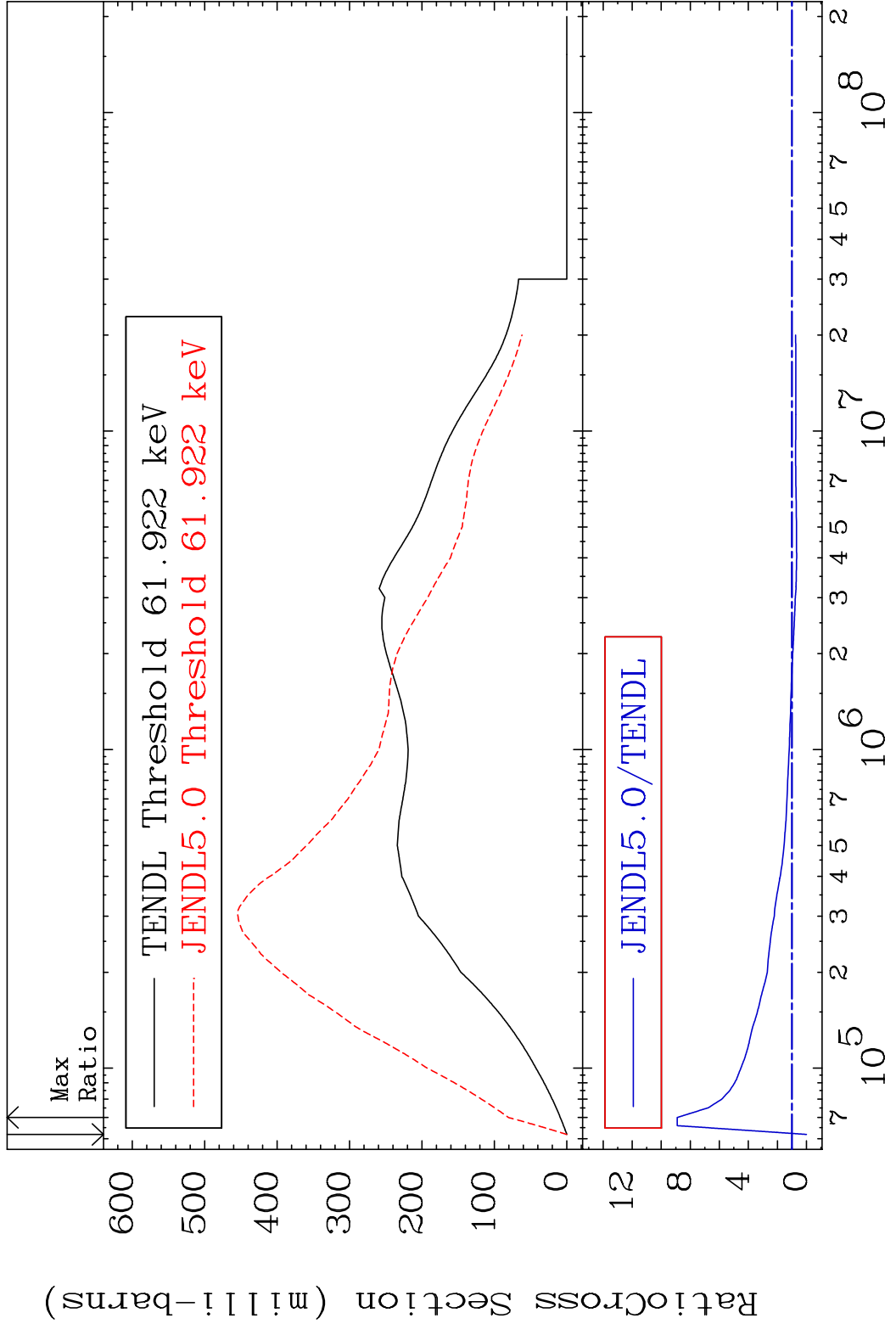


7

Incident Energy (eV)

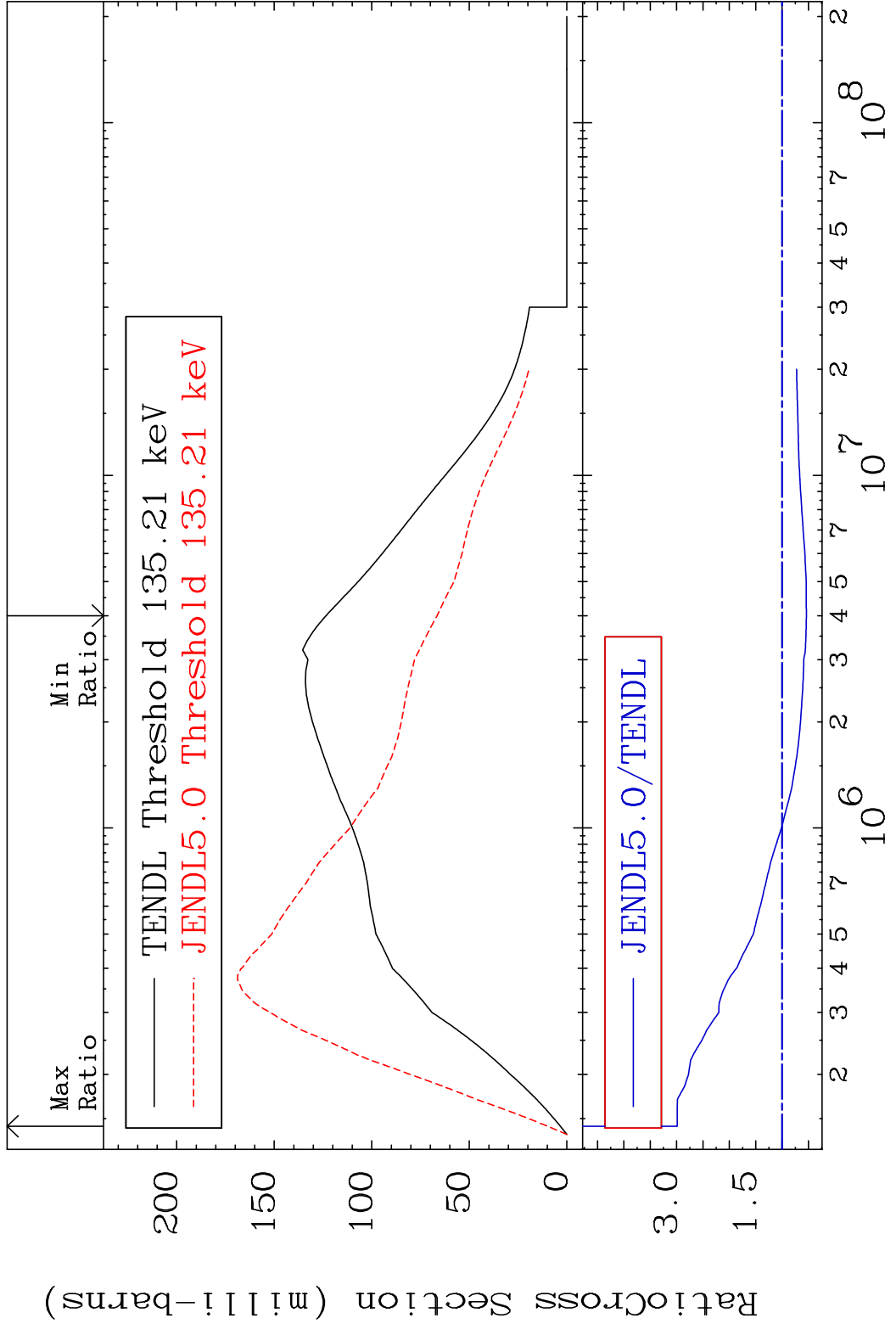
96-Cm-247

MAT 9646 MT= 51 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 790.3 %

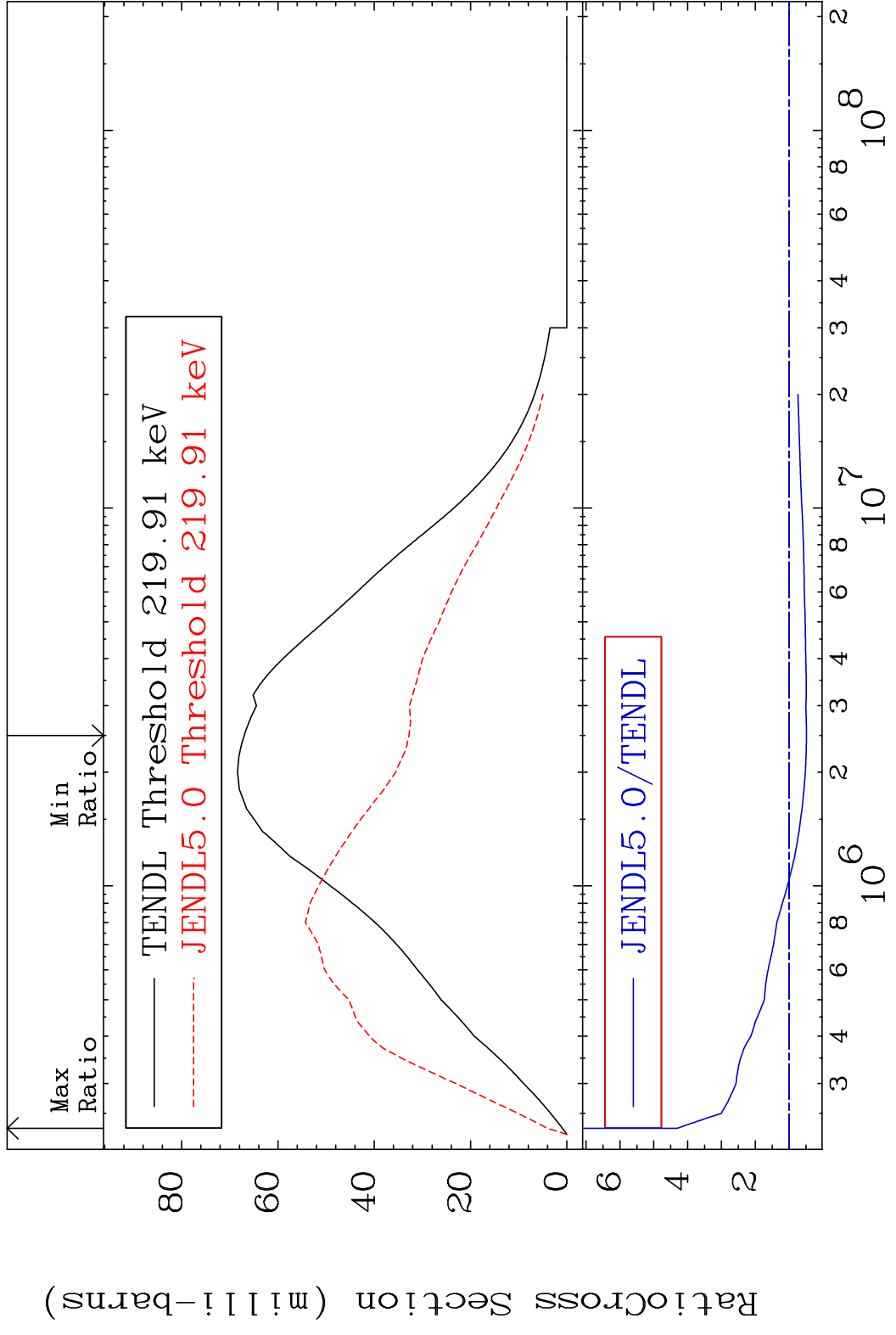


8 8 Incident Energy (eV) 96-Cm-247

MAT 9646 MT= 52 (n, n') Level 96-Cm-247
 Cross Section -46.13 To 198.9 %

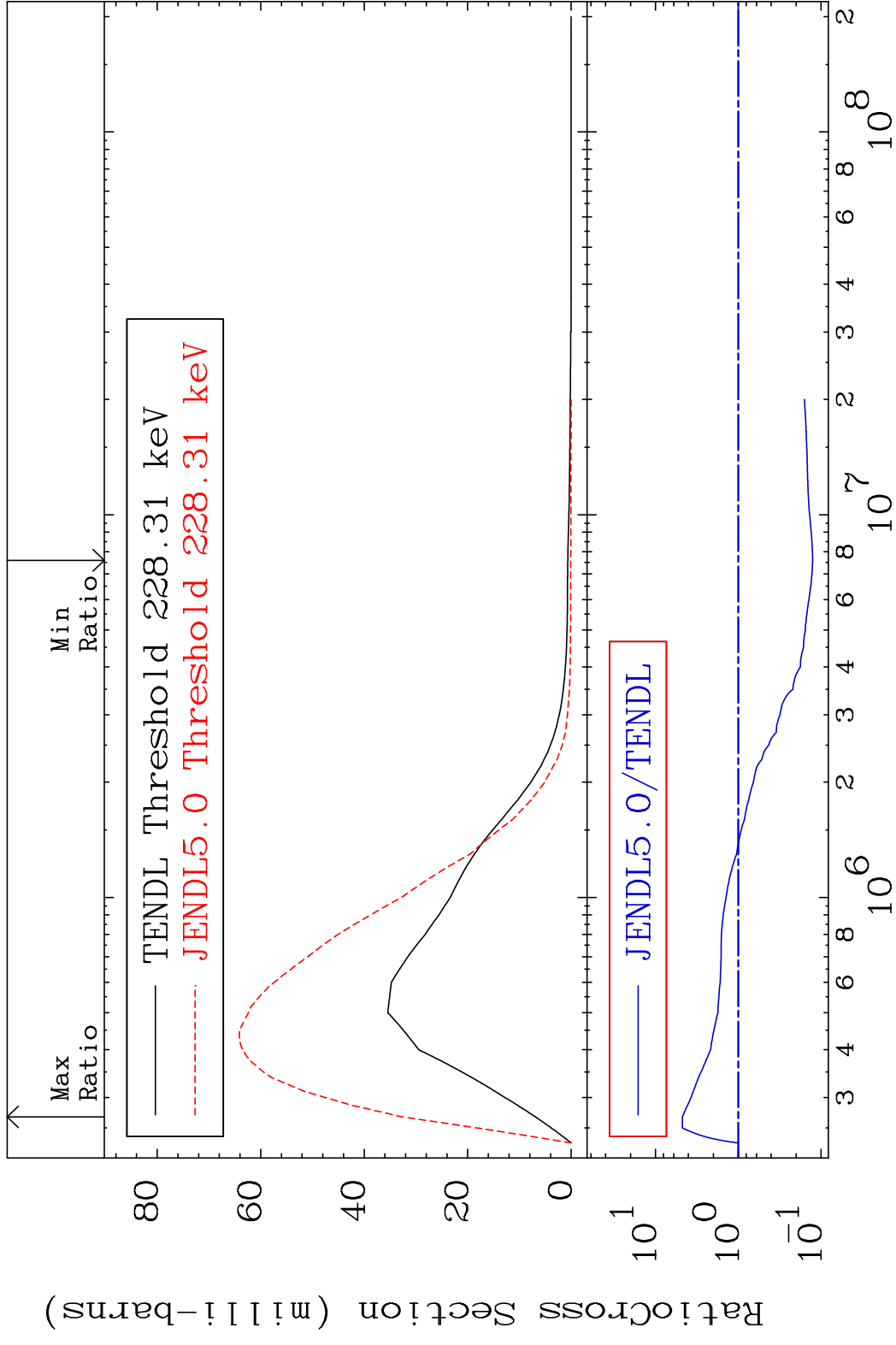


MAT 9646 MT= 53 (n, n') Level 96-Cm-247
 Cross Section -51.07 To 330.8 %

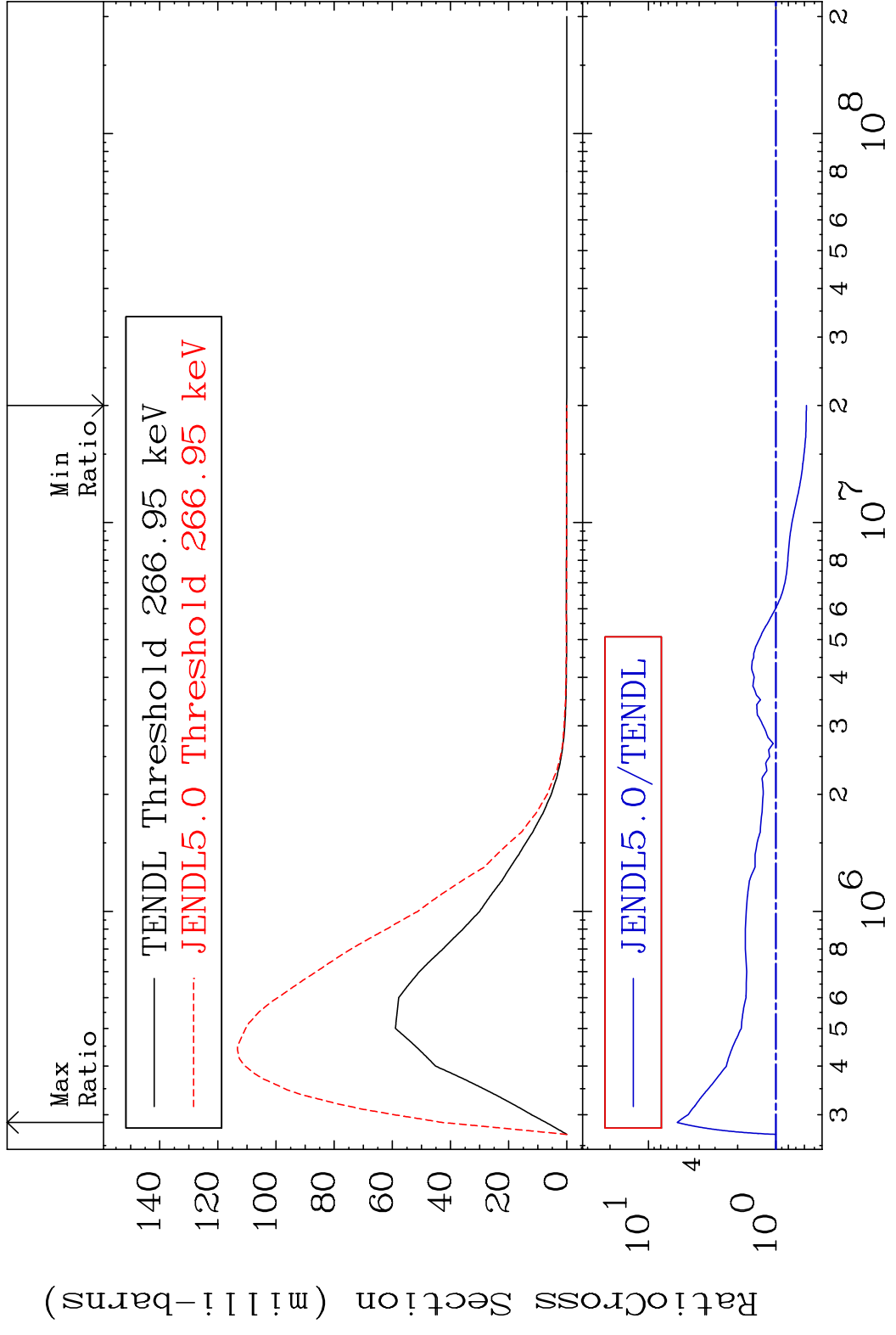


10 Incident Energy (eV) 96-Cm-247

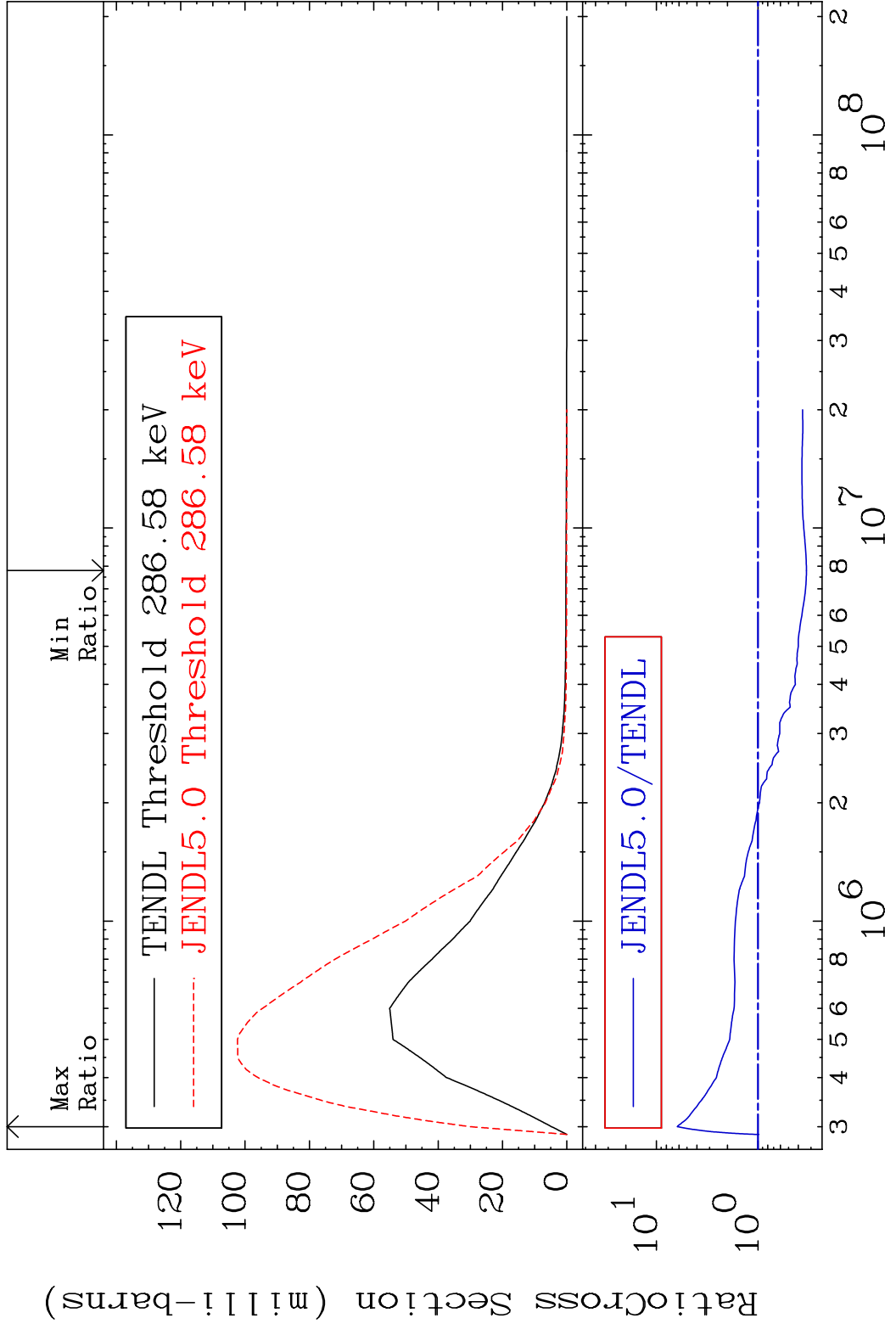
MAT 9646 MT= 54 (n,n') Level 96-Cm-247
 Cross Section -87.35 To 373.0 %



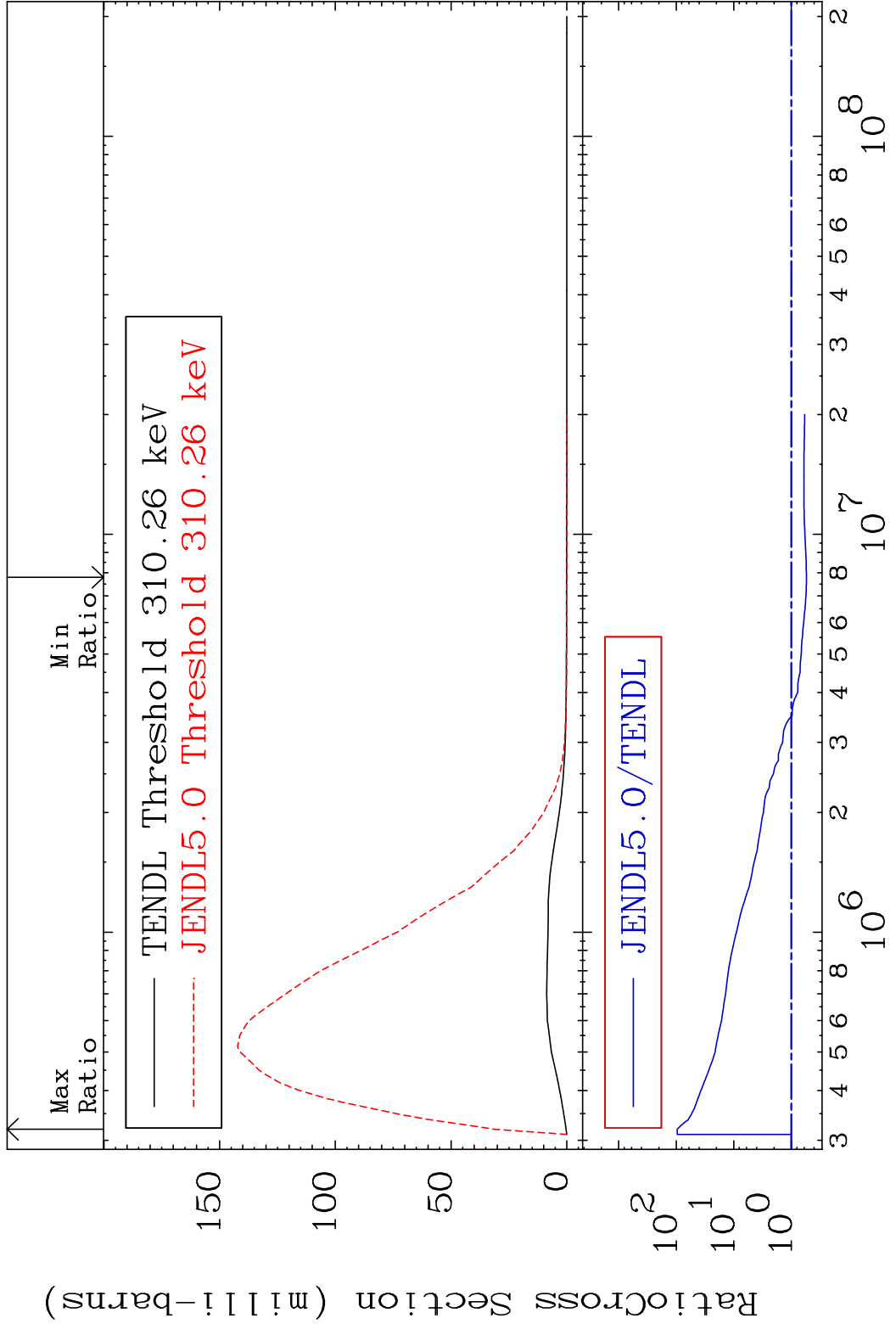
MAT 9646 MT= 55 (n,n') Level 96-Cm-247
 Cross Section -42.22 To 494.8 %



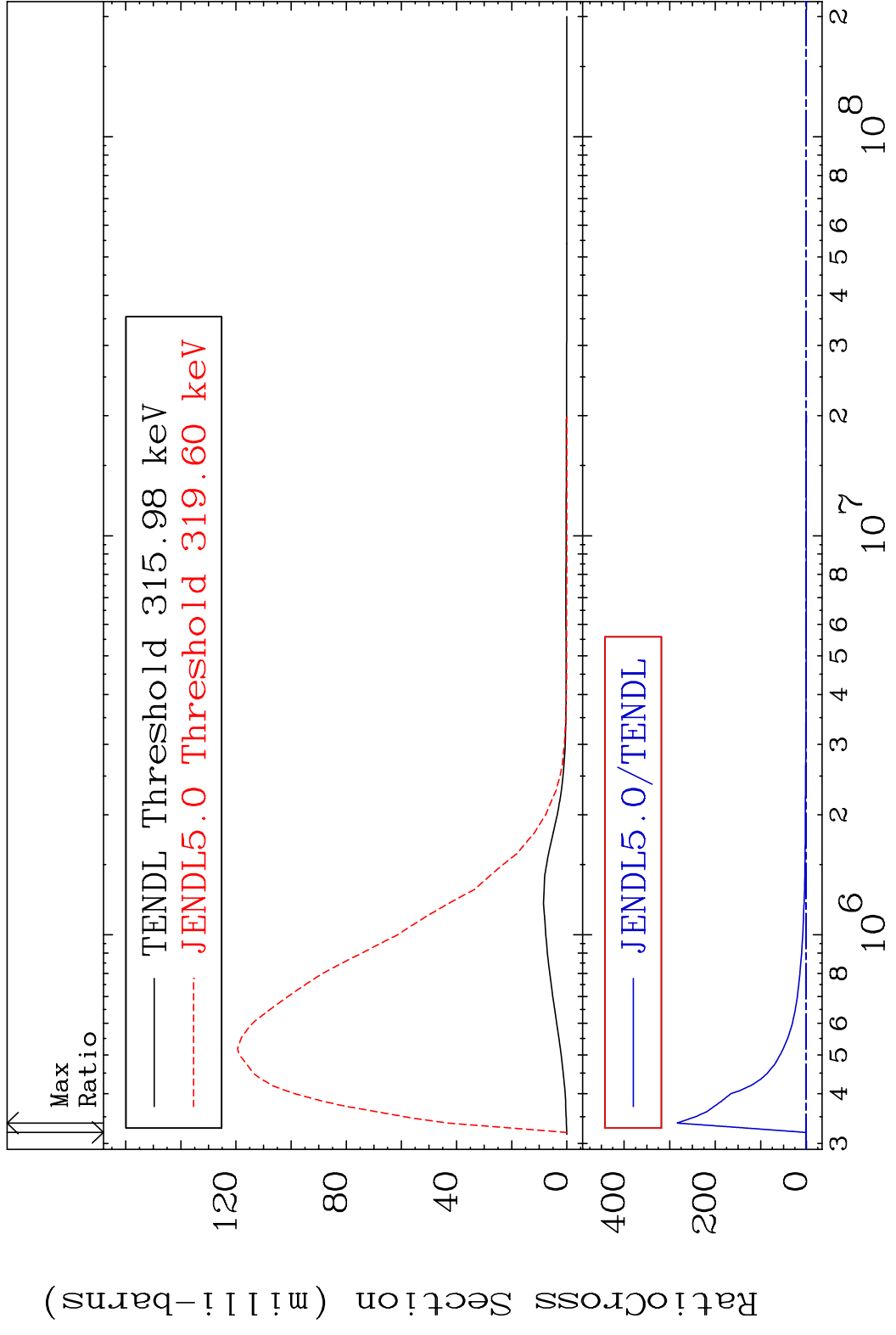
MAT 9646 MT= 56 (n,n') Level 96-Cm-247
 Cross Section -66.72 To 525.1 %



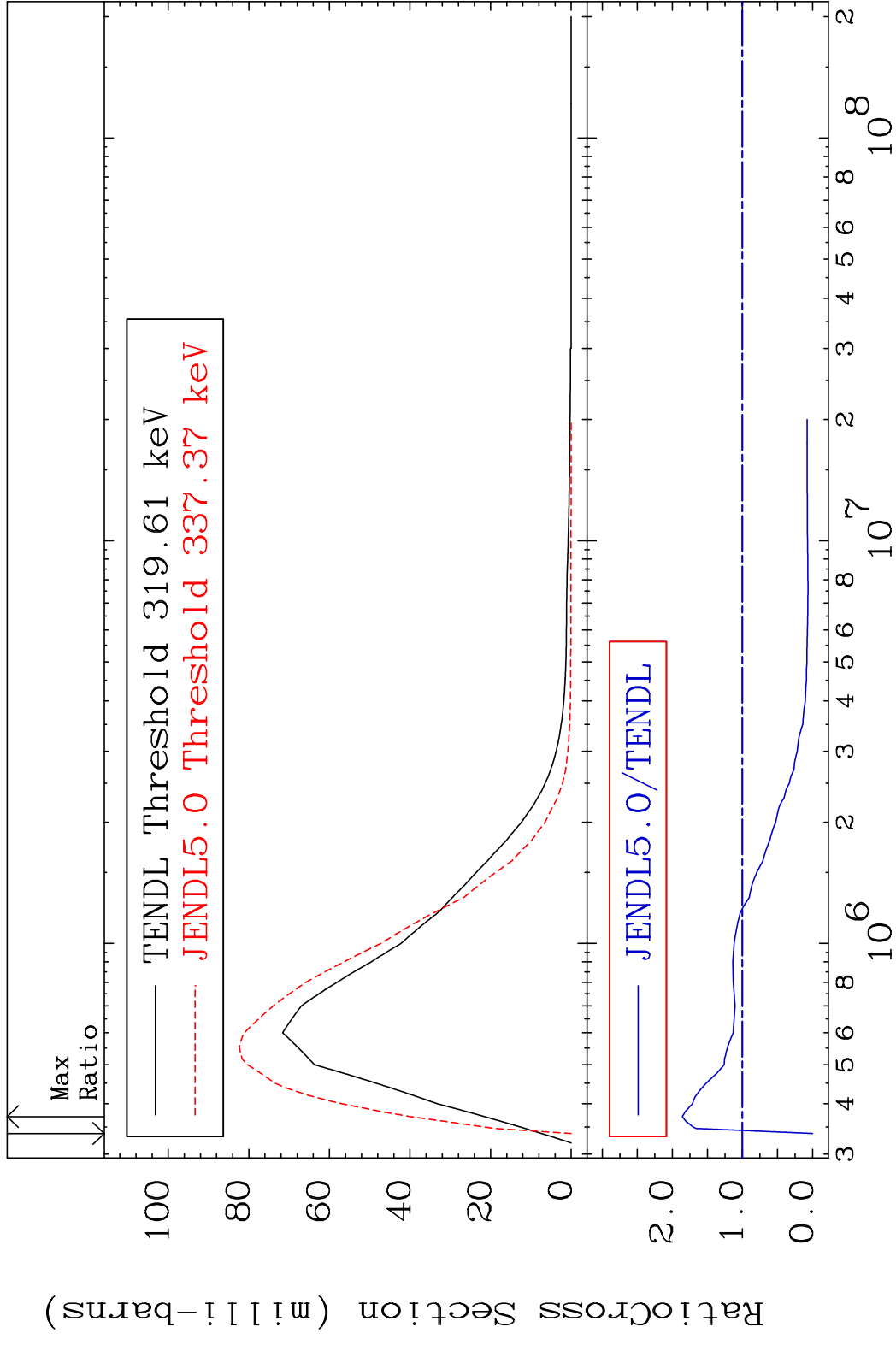
MAT 9646 MT= 57 (n,n') Level 96-Cm-247
 Cross Section -45.32 To 9520. %



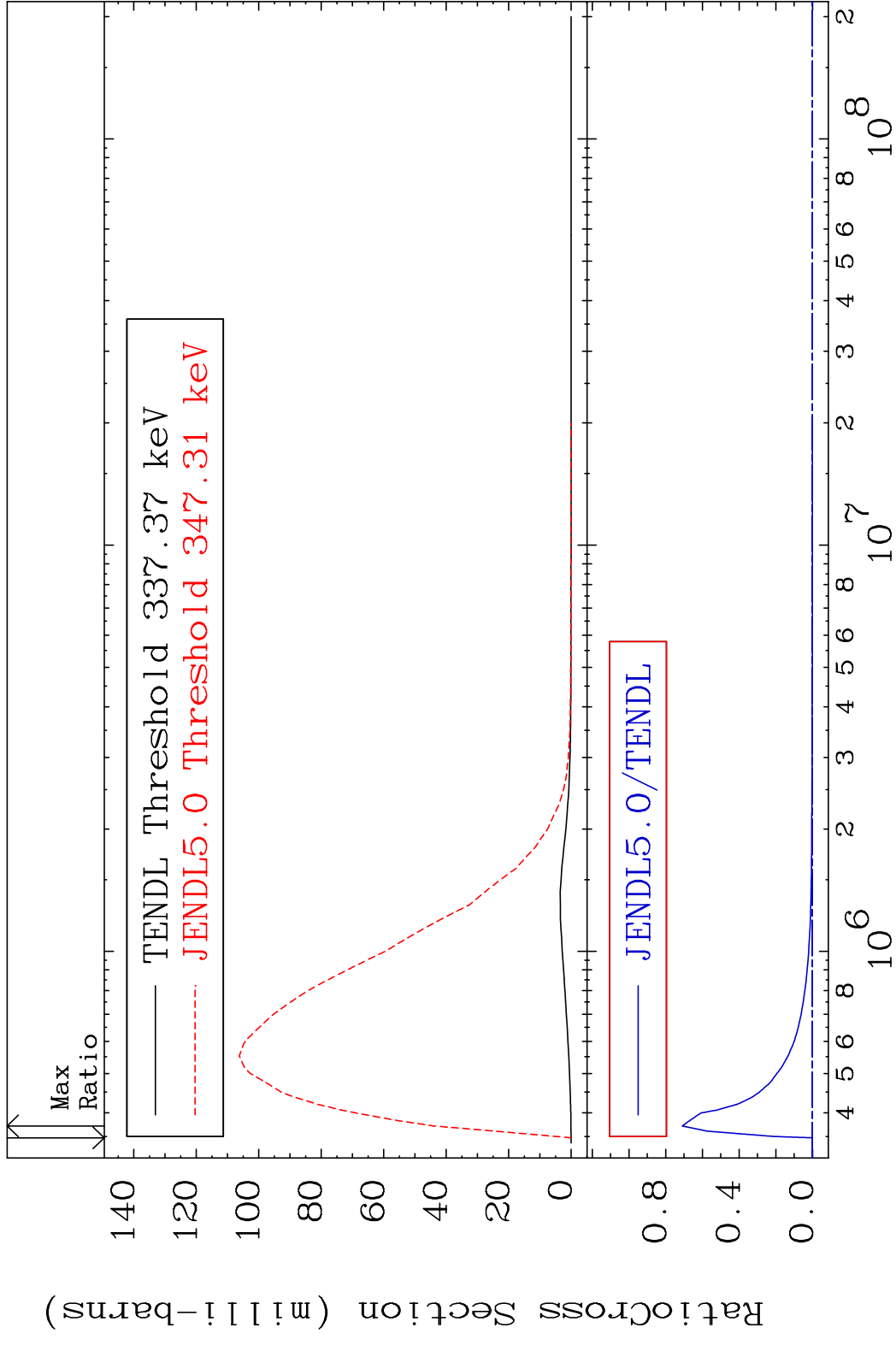
MAT 9646 MT= 58 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



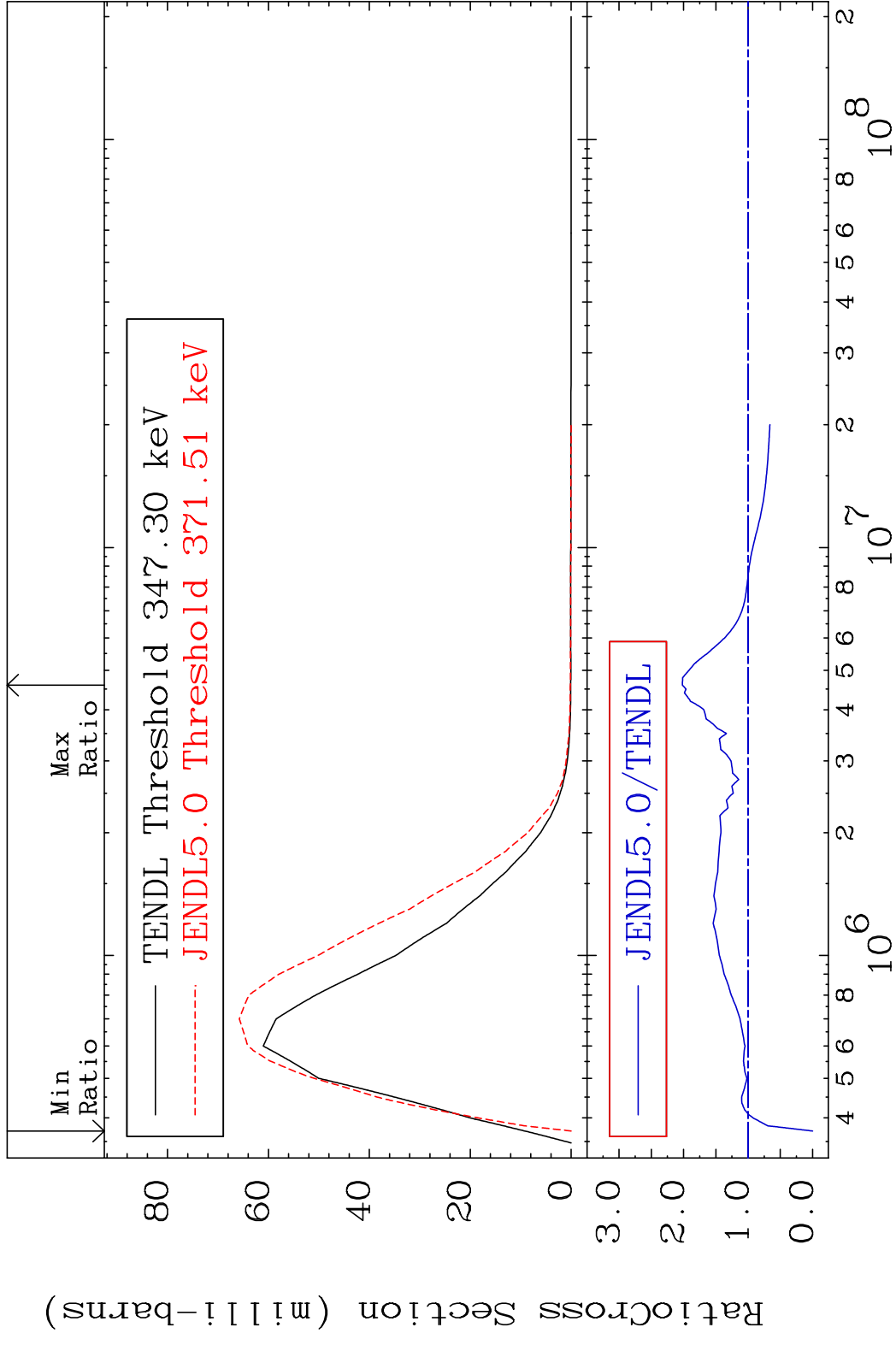
MAT 9646 MT= 59 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 85.77 %



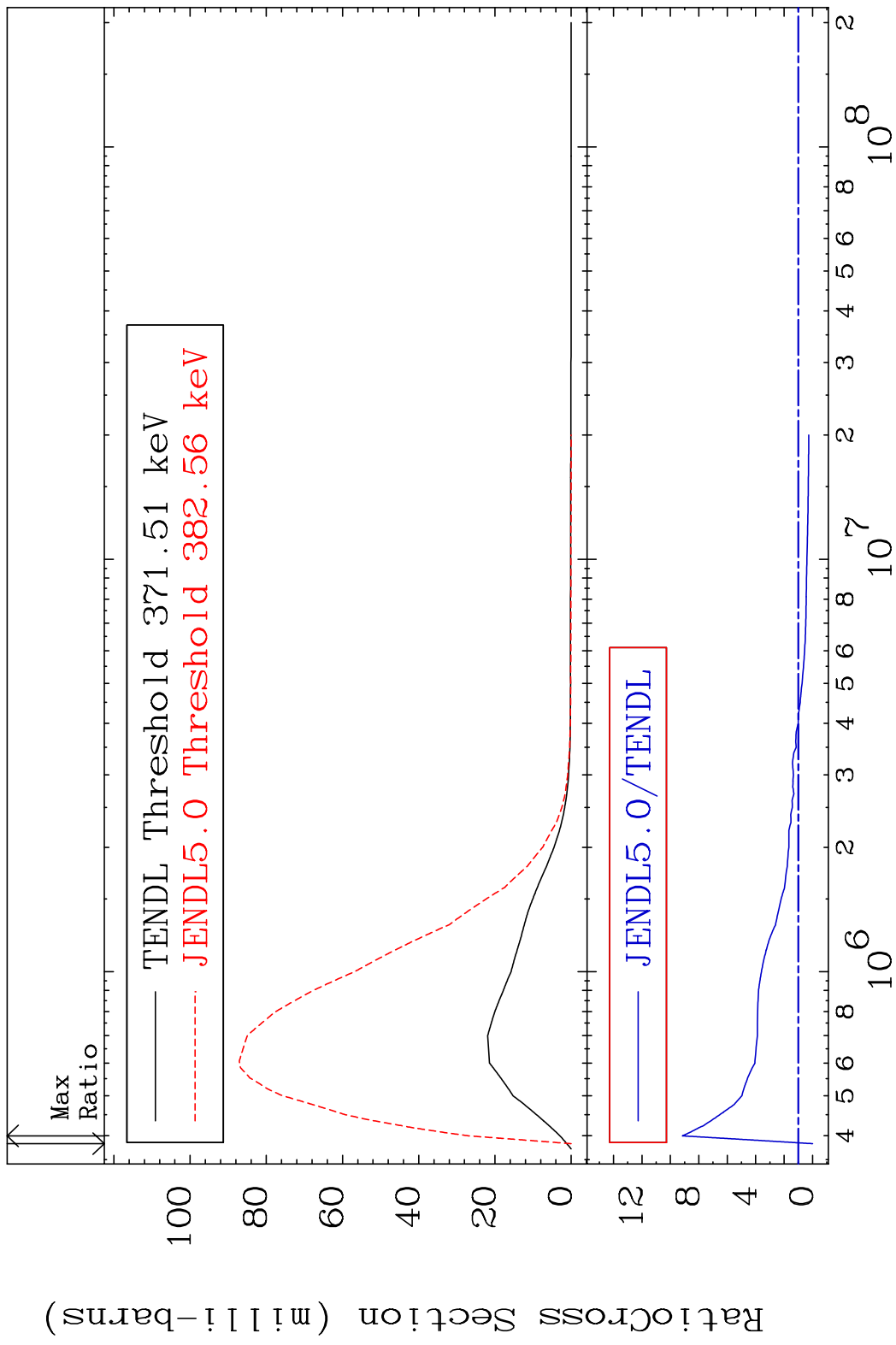
MAT 9646 MT= 60 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



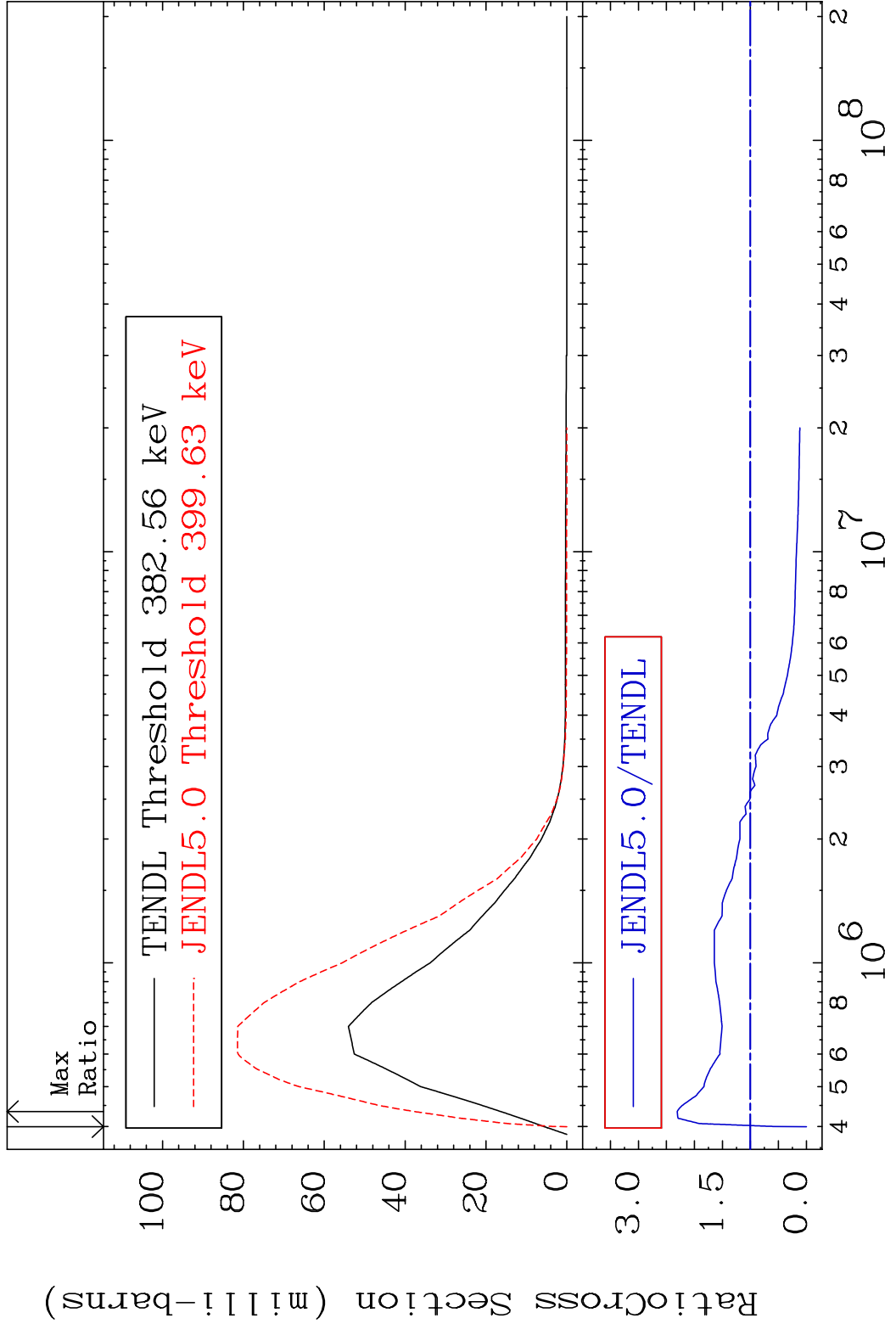
MAT 9646 MT= 61 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 101.9 %



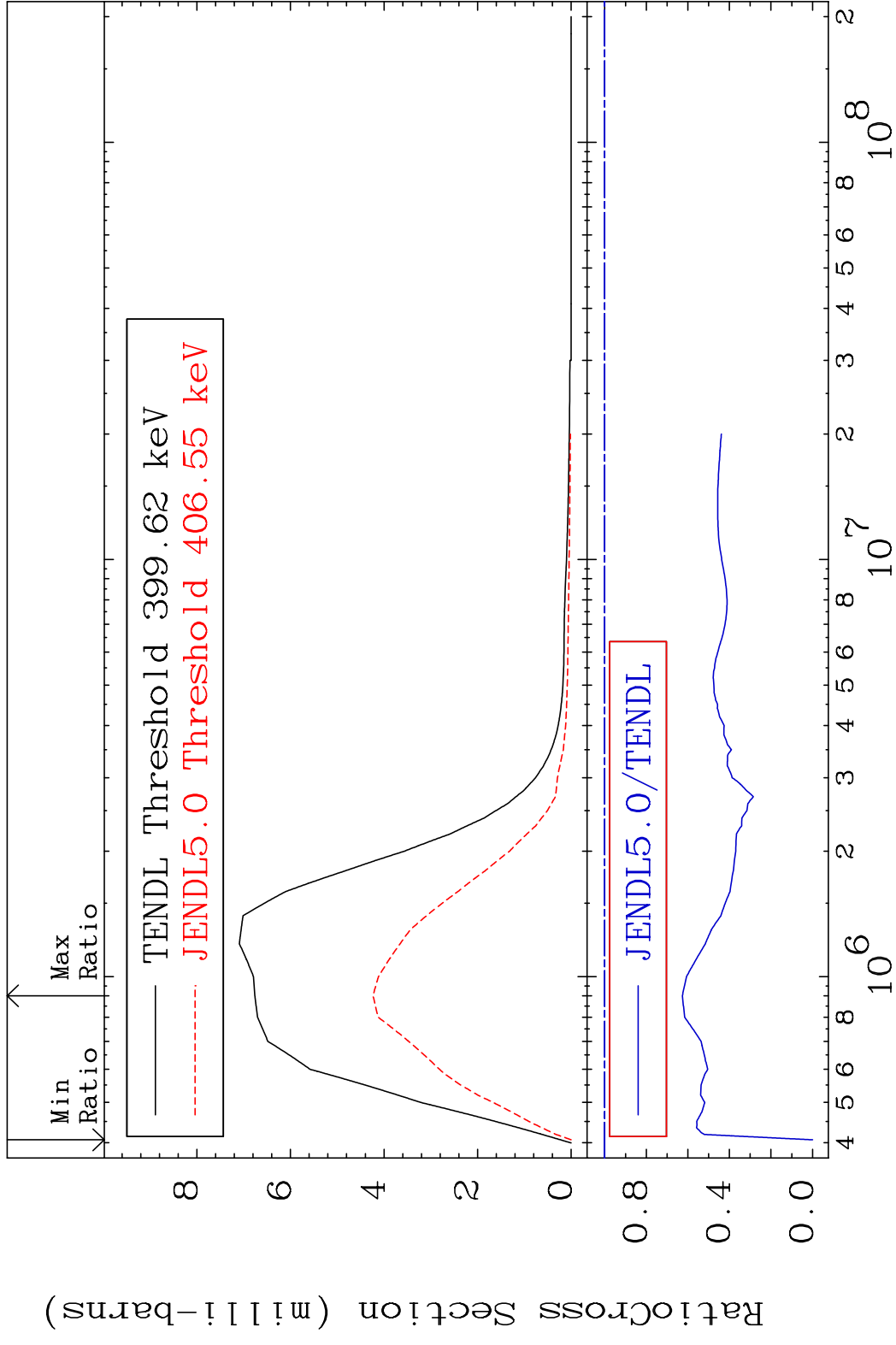
MAT 9646 MT= 62 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 815.9 %



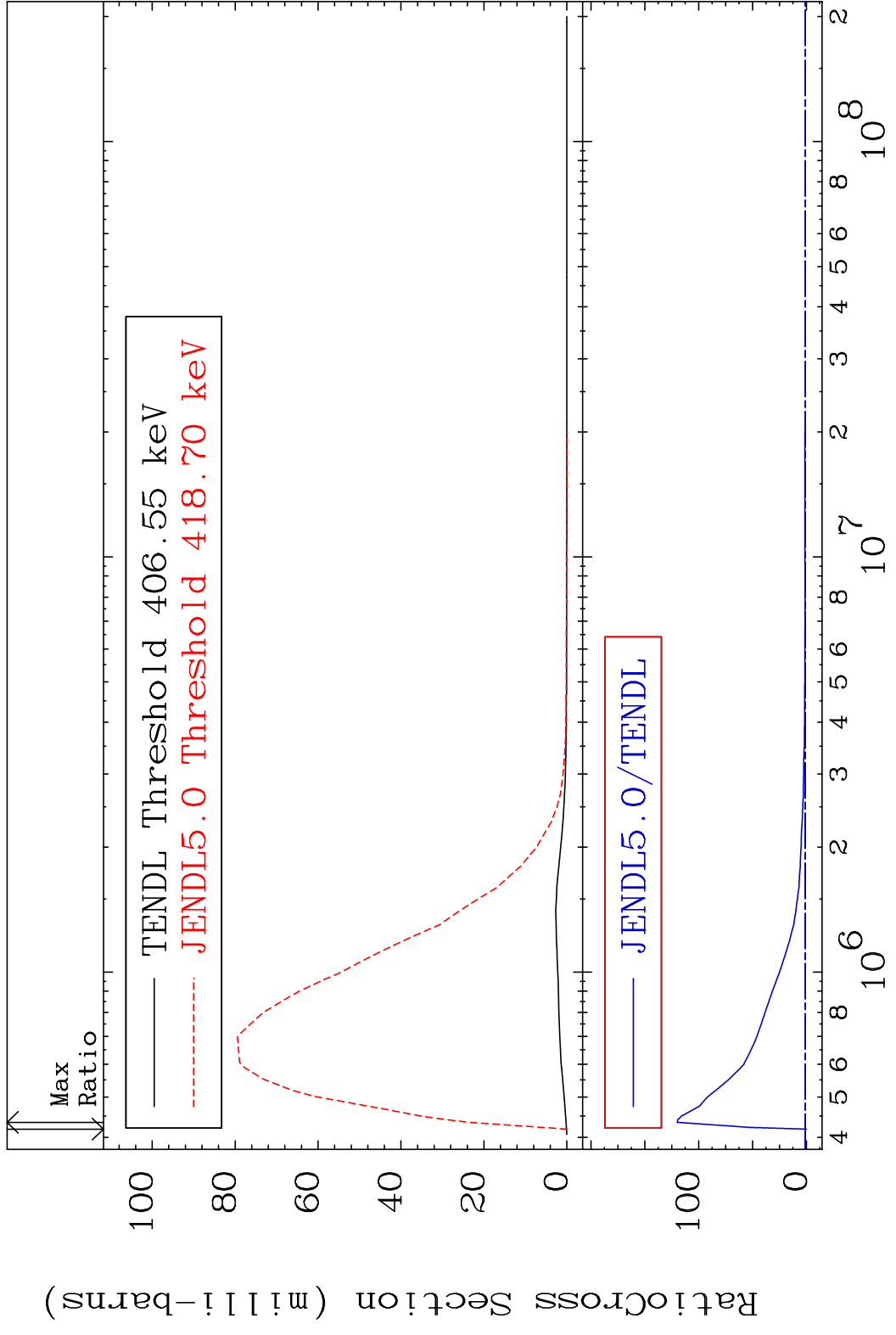
MAT 9646 MT= 63 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 130.8 %



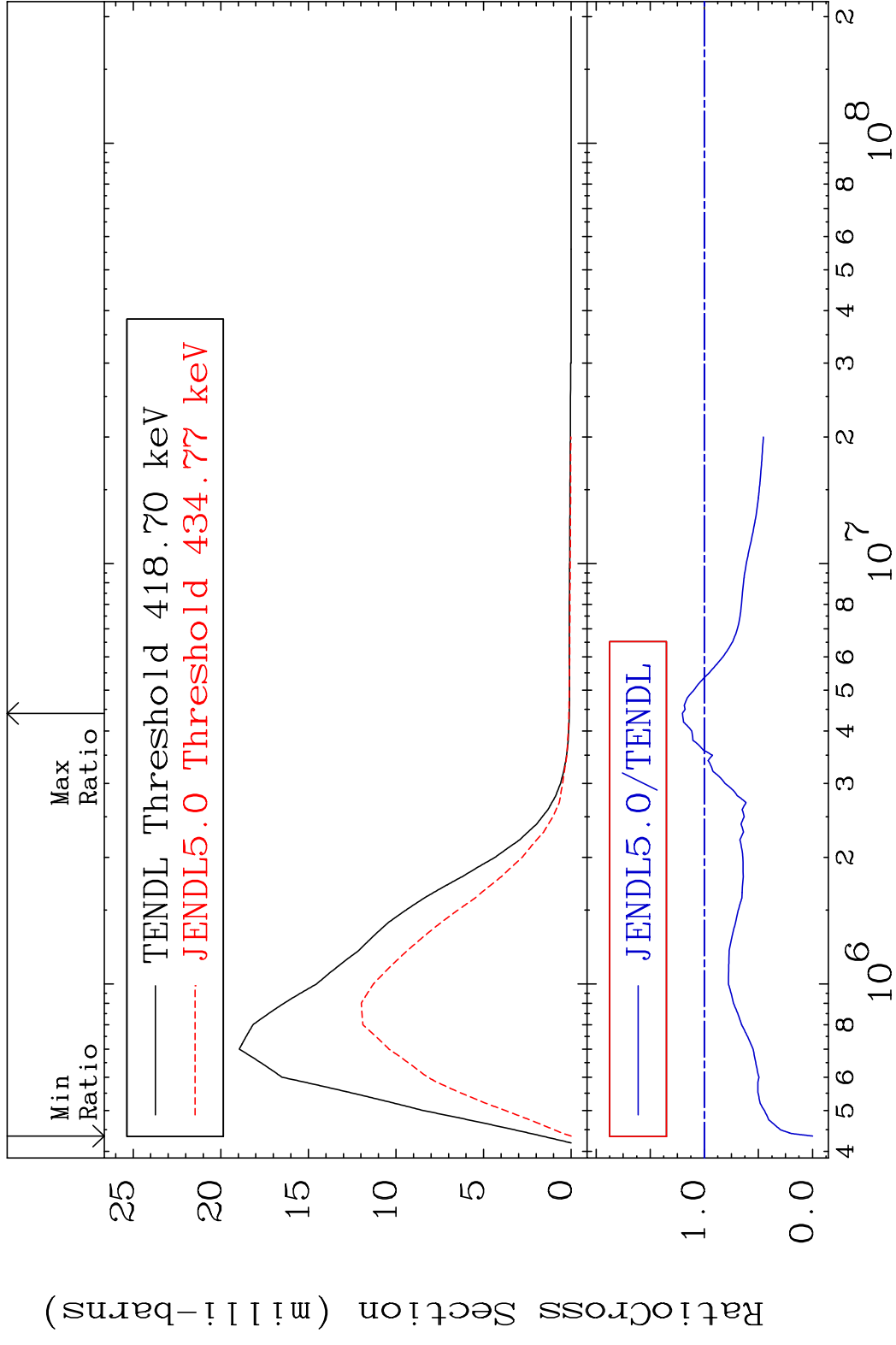
MAT 9646 MT= 64 (n,n') Level 96-Cm-247
 Cross Section -100.0 To -37.36%



MAT 9646 MT= 65 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



MAT 9646 MT= 66 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 20.29 %

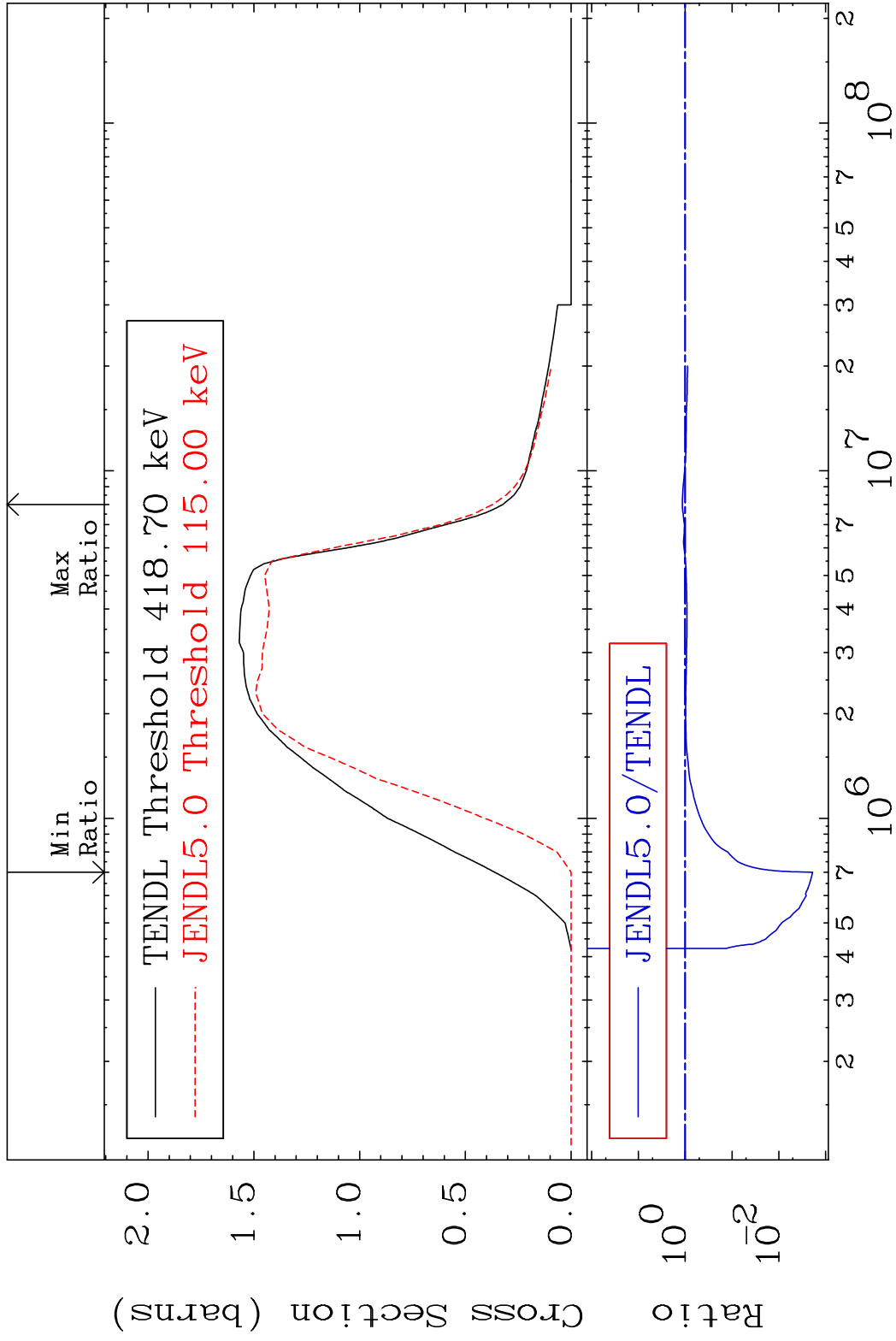


MAT 9646

(n, n') Continuum

96-Cm-247

Cross Section -99.81 To 15.02 %



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Incident Energy (eV)

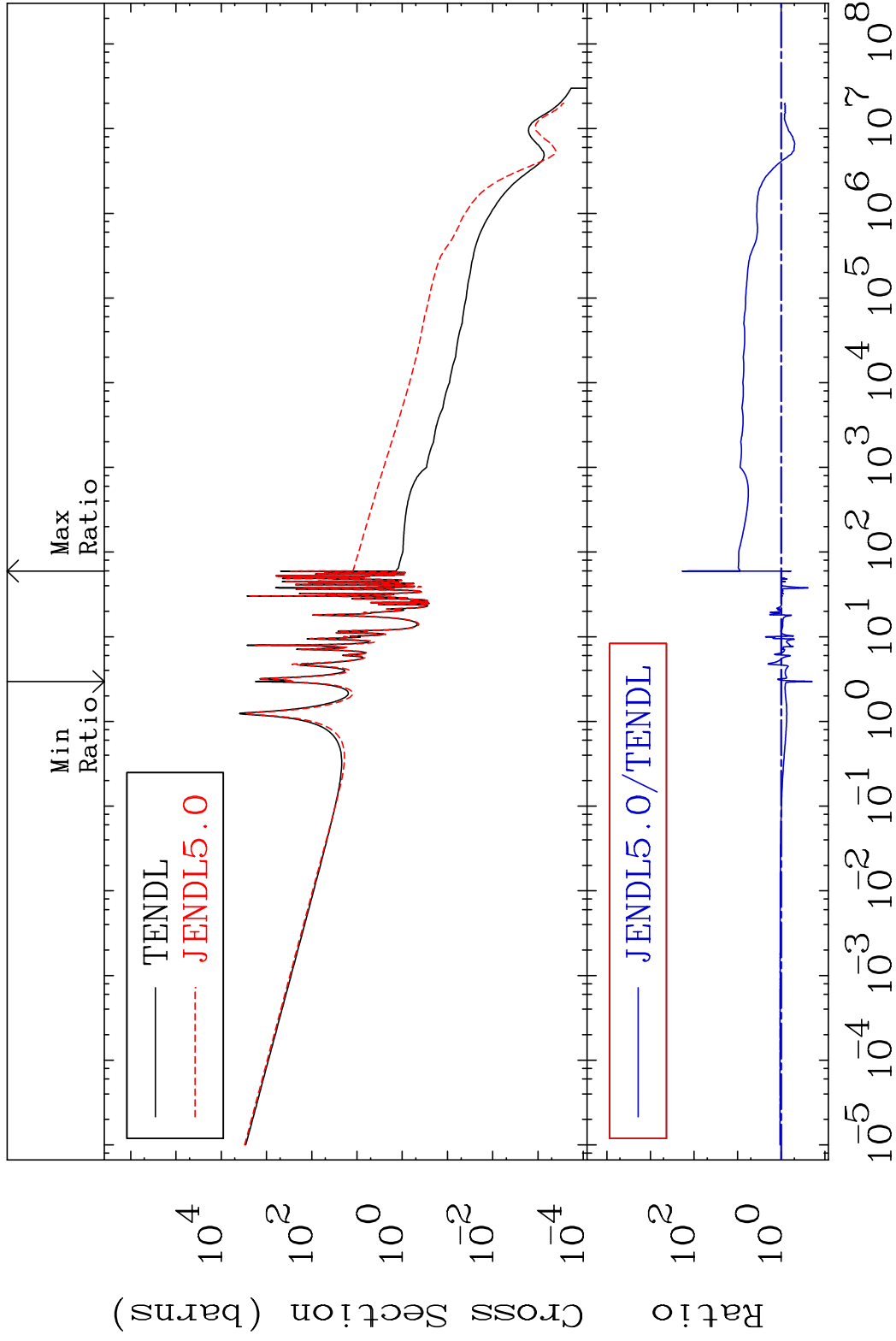
96-Cm-247

MAT 9646

(n, γ)

96-Cm-247

Cross Section -80.89 To 9999. %



25

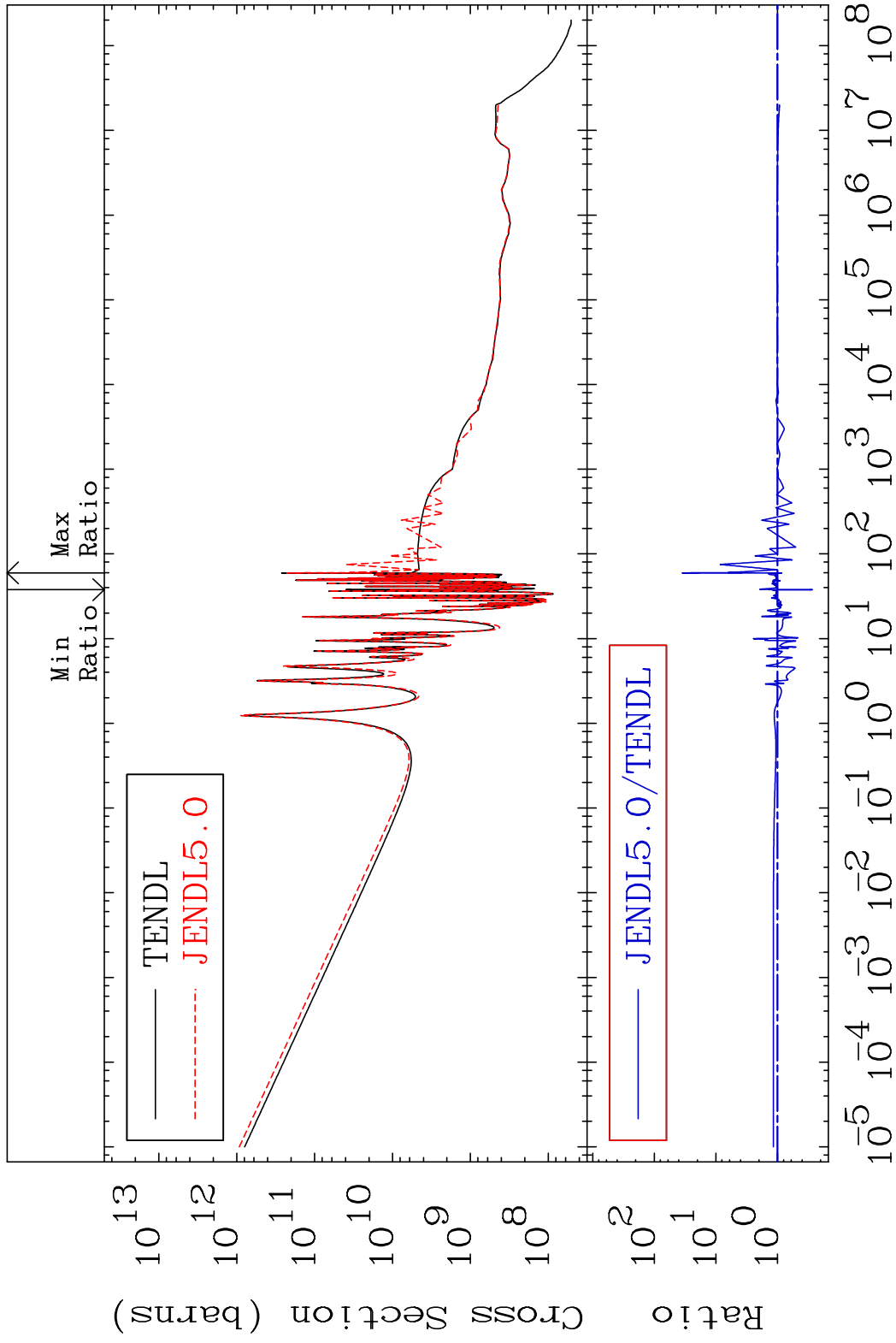
Incident Energy (eV)

96-Cm-247

MAT 9646

Kerma total (eV-barns) 96-Cm-247

Cross Section -72.95 To 3406. %



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Incident Energy (eV) 96-Cm-247

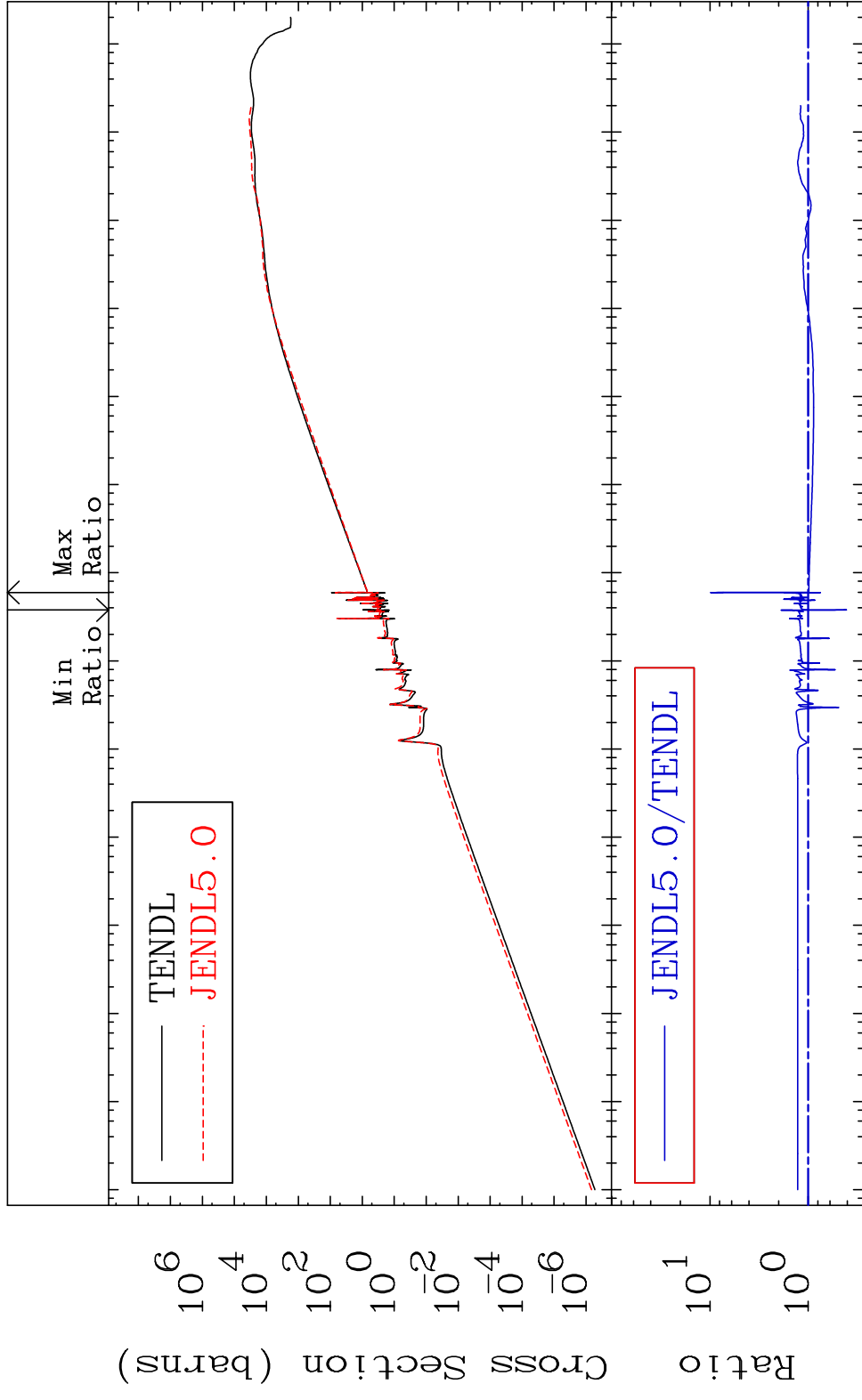
MAT 9646

Kerma elastic

96-Cm-247

Cross Section

-59.02 To 882.0 %



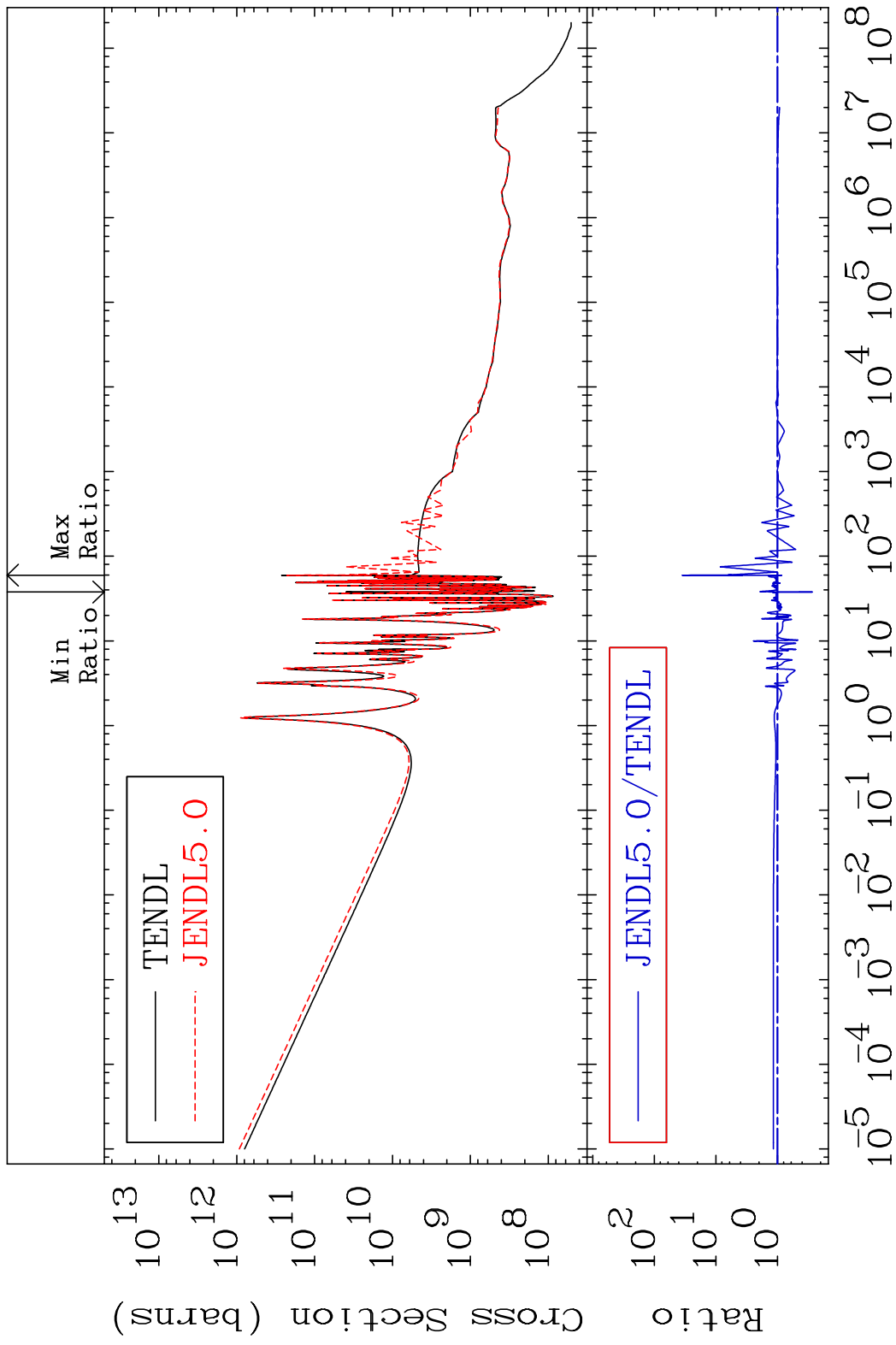
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

27

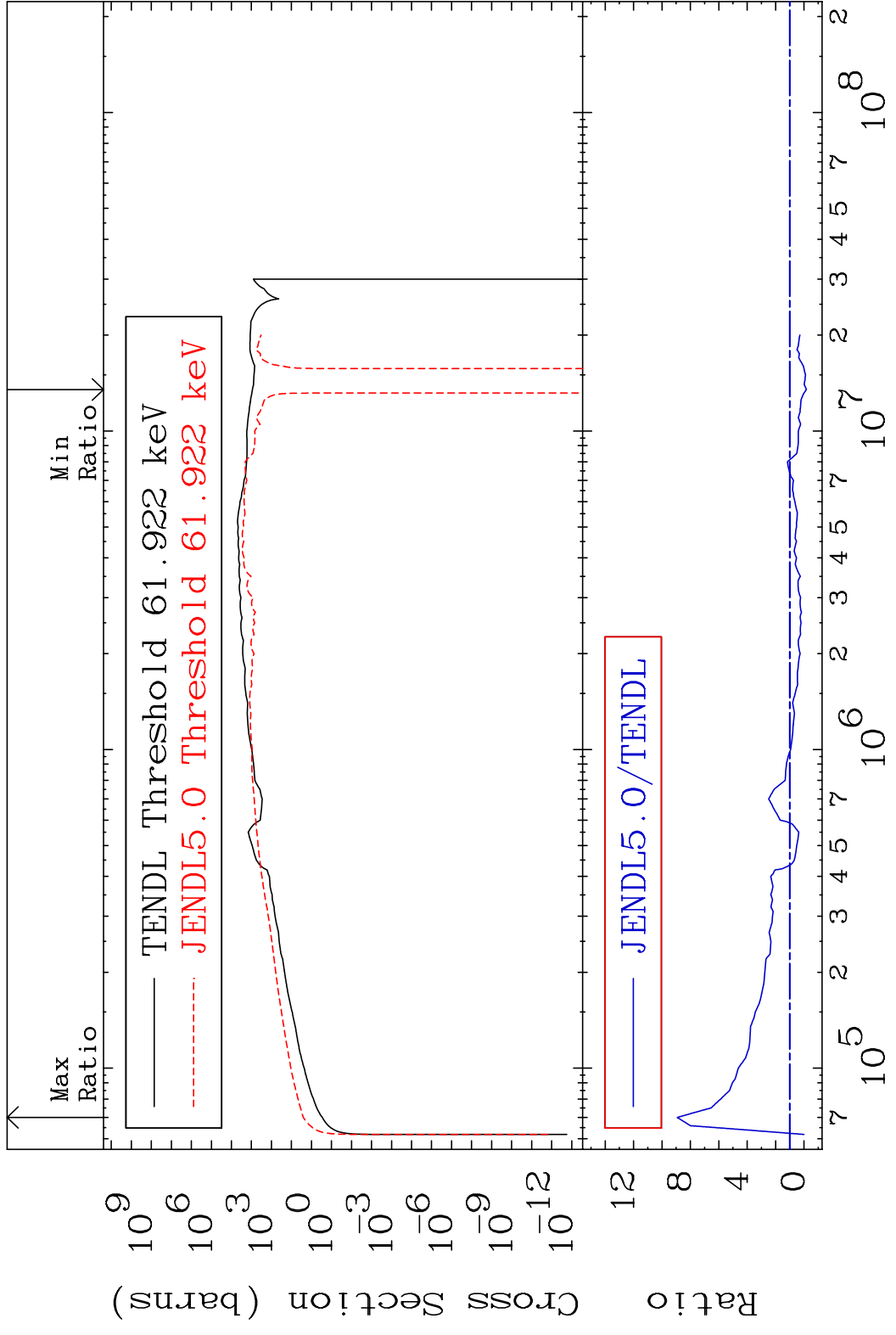
Incident Energy (eV)

96-Cm-247

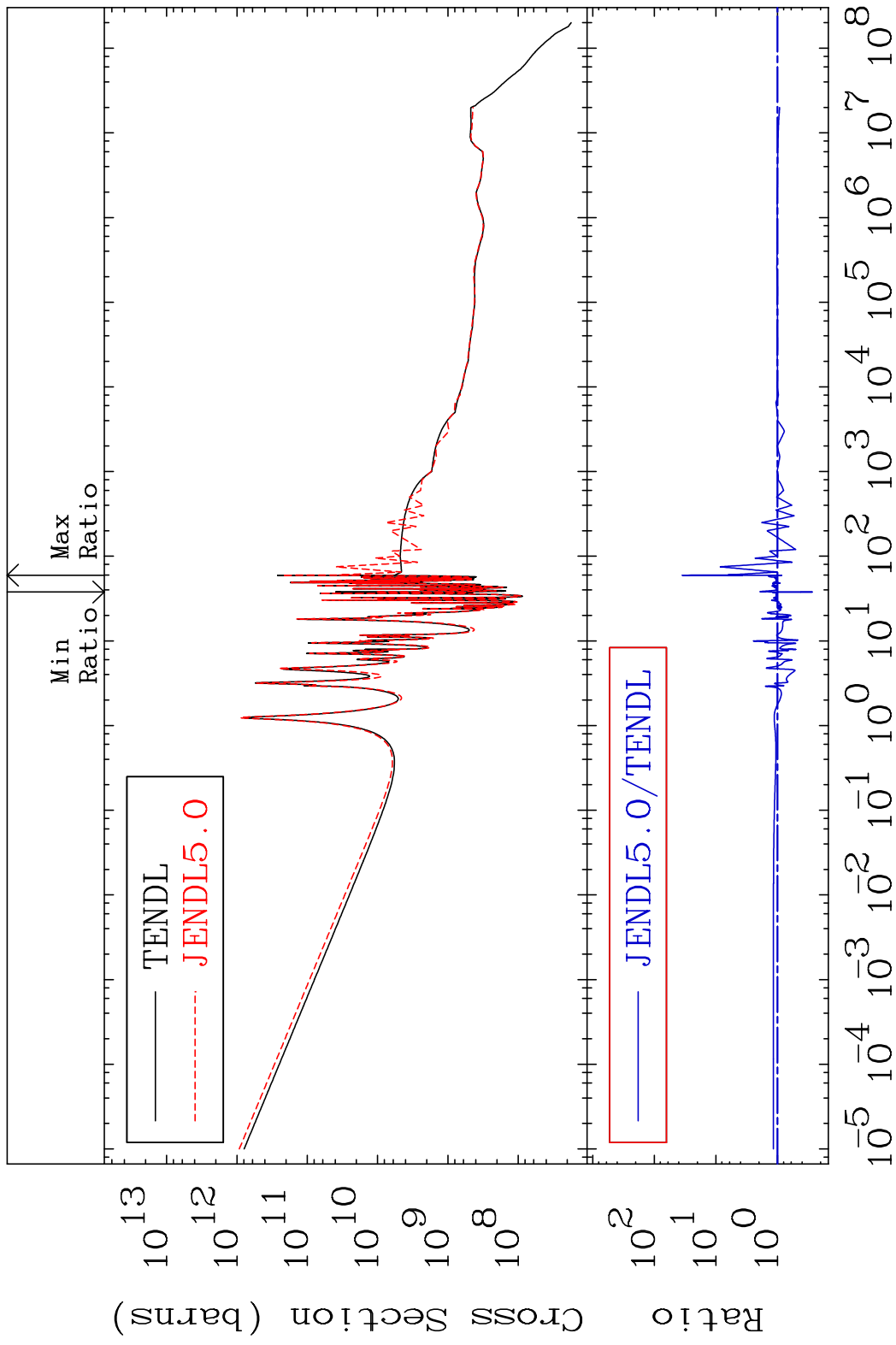
MAT 9646 Kerma non-elastic (all but mt2) 96-Cm-247
 Cross Section -72.95 To 3406. %



MAT 9646 Kerma inelastic (mt51-91) 96-Cm-247
 Cross Section -117.0 To 792.8 %

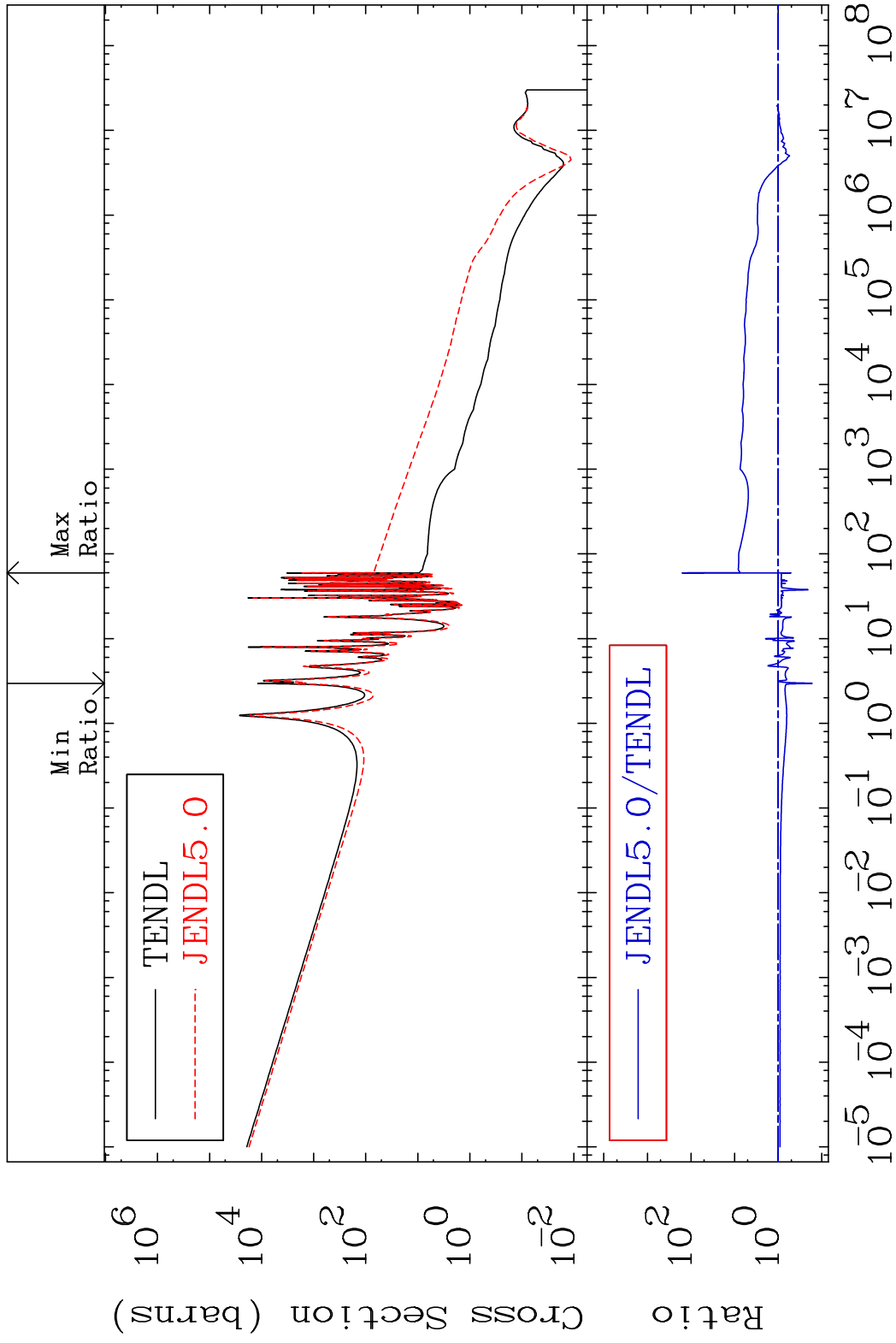


MAT 9646 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-247
 Cross Section -72.95 To 3406. %



MAT 9646

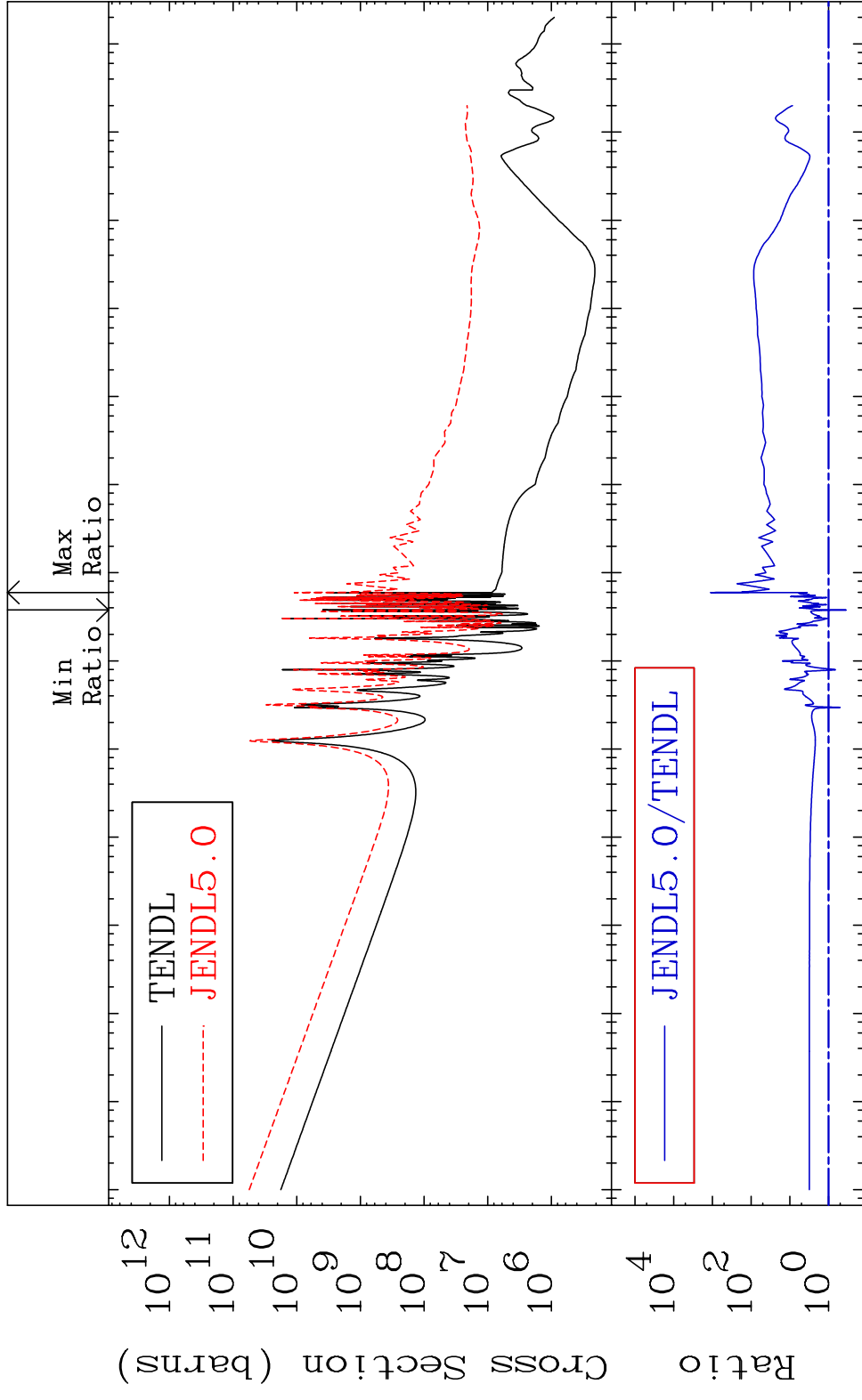
Kerma capture (mt102) 96-Cm-247
Cross Section -83.70 To 9999. %



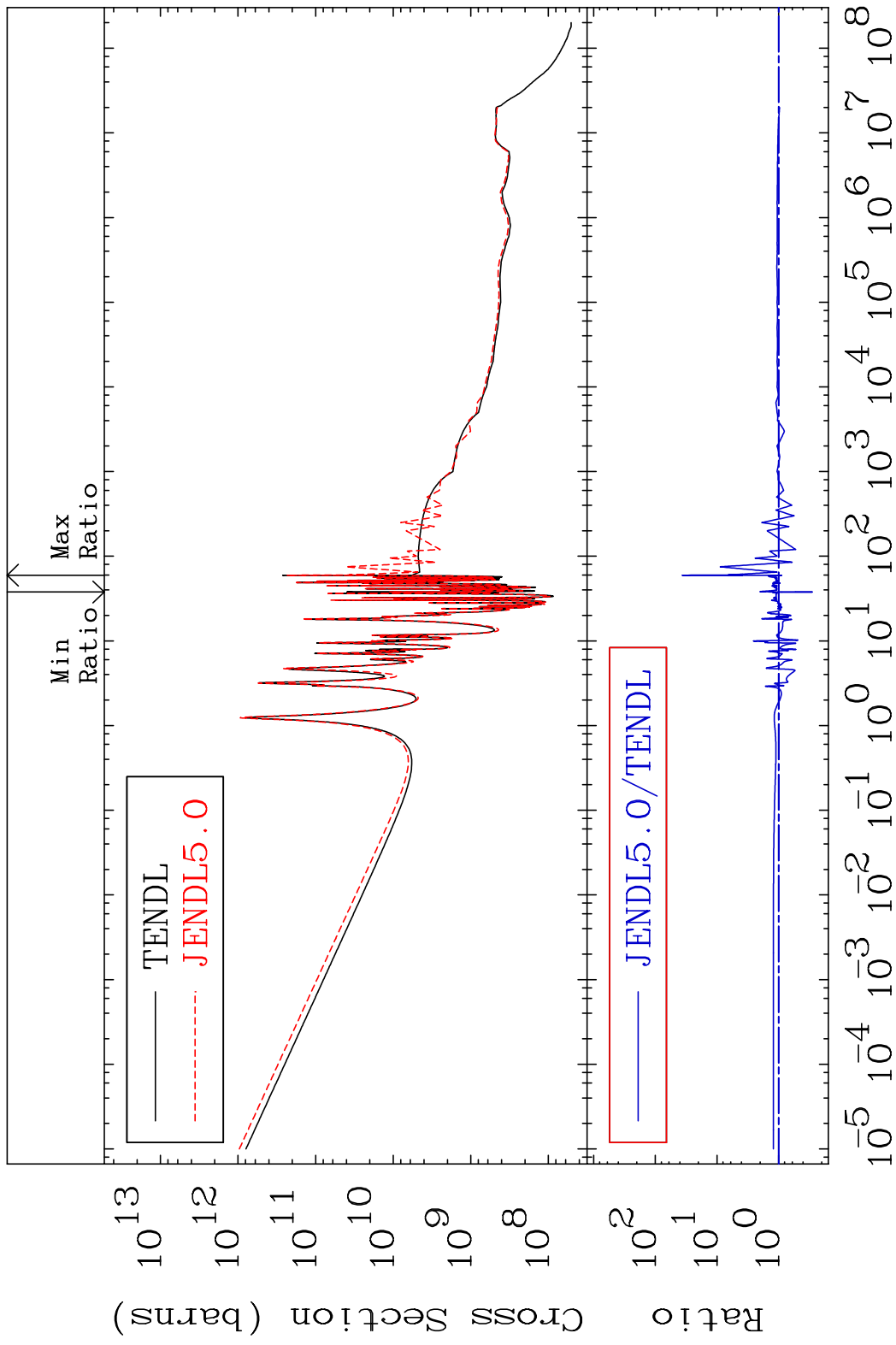
31

Incident Energy (eV) 96-Cm-247

MAT 9646 Total photon (eV-barns) 96-Cm-247
 Cross Section -65.04 To 9999. %



MAT 9646 Total kinematic kerma (high limit) 96-Cm-247
 Cross Section -71.87 To 3546. %



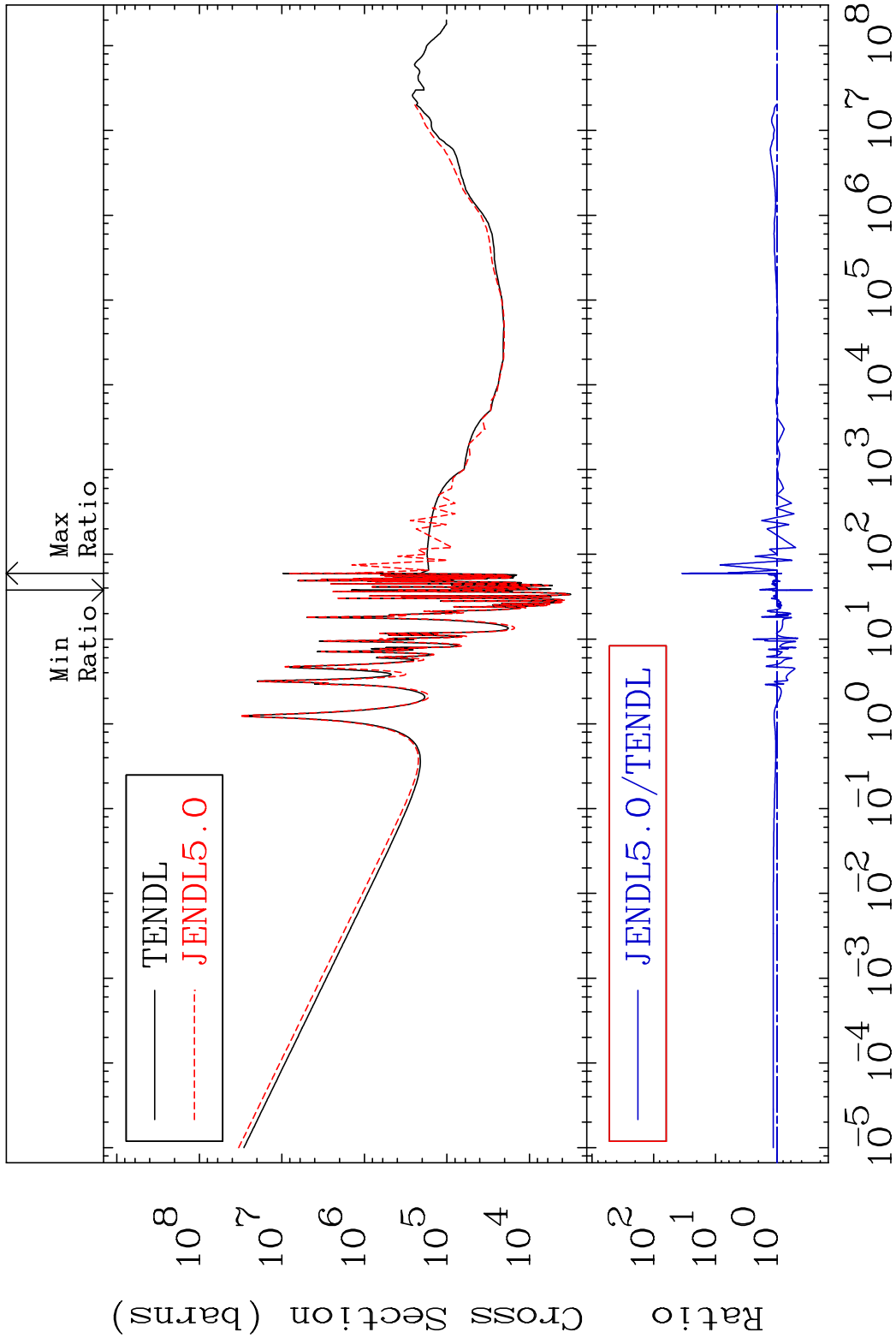
33 Incident Energy (eV) 96-Cm-247

MAT 9646

Dpa total (eV-barns)

96-Cm-247

Cross Section -73.30 To 3360. %



34

Incident Energy (eV)

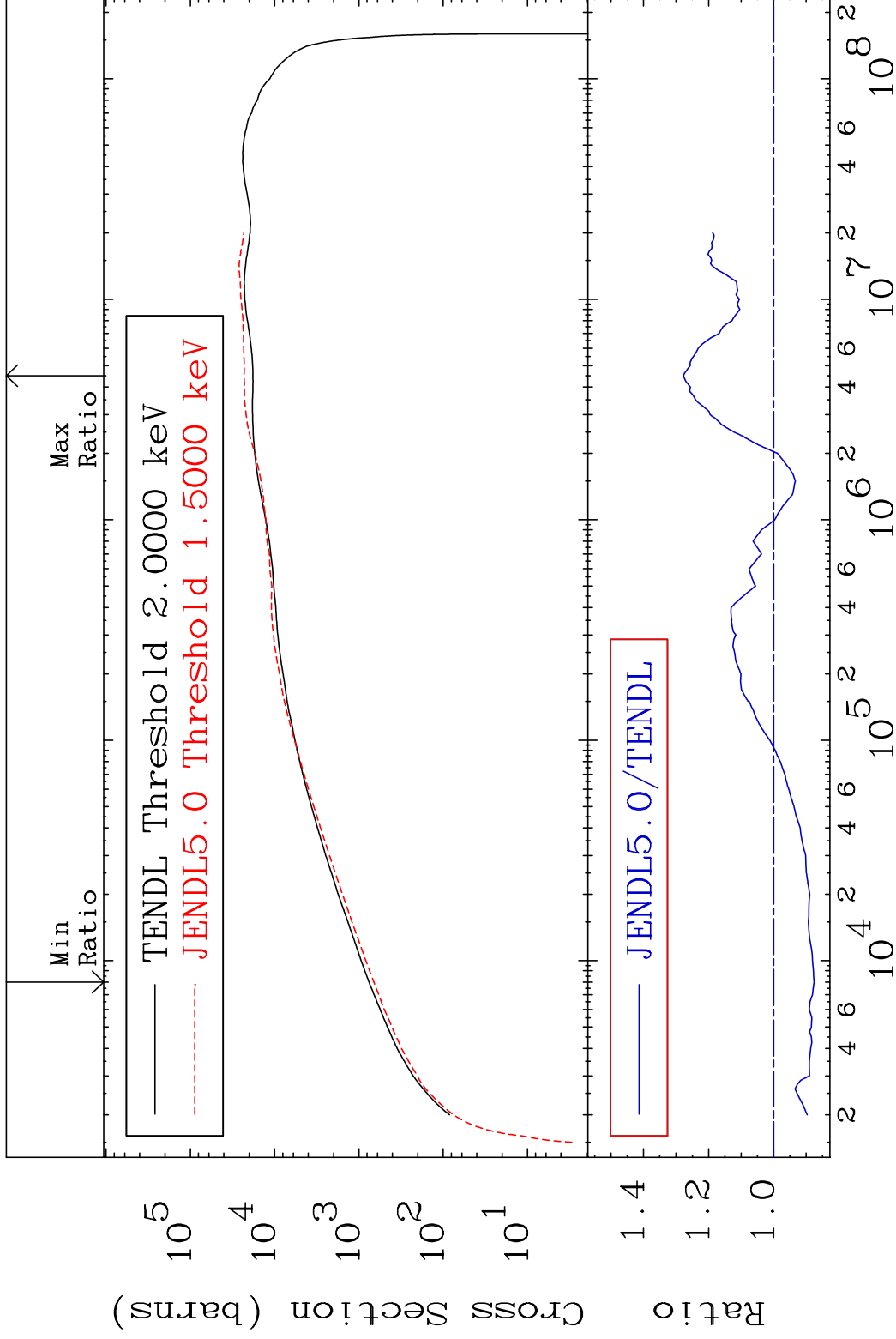
96-Cm-247

MAT 9646

Dpa elastic (mt2)

96-Cm-247

Cross Section -12.42 To 27.72 %

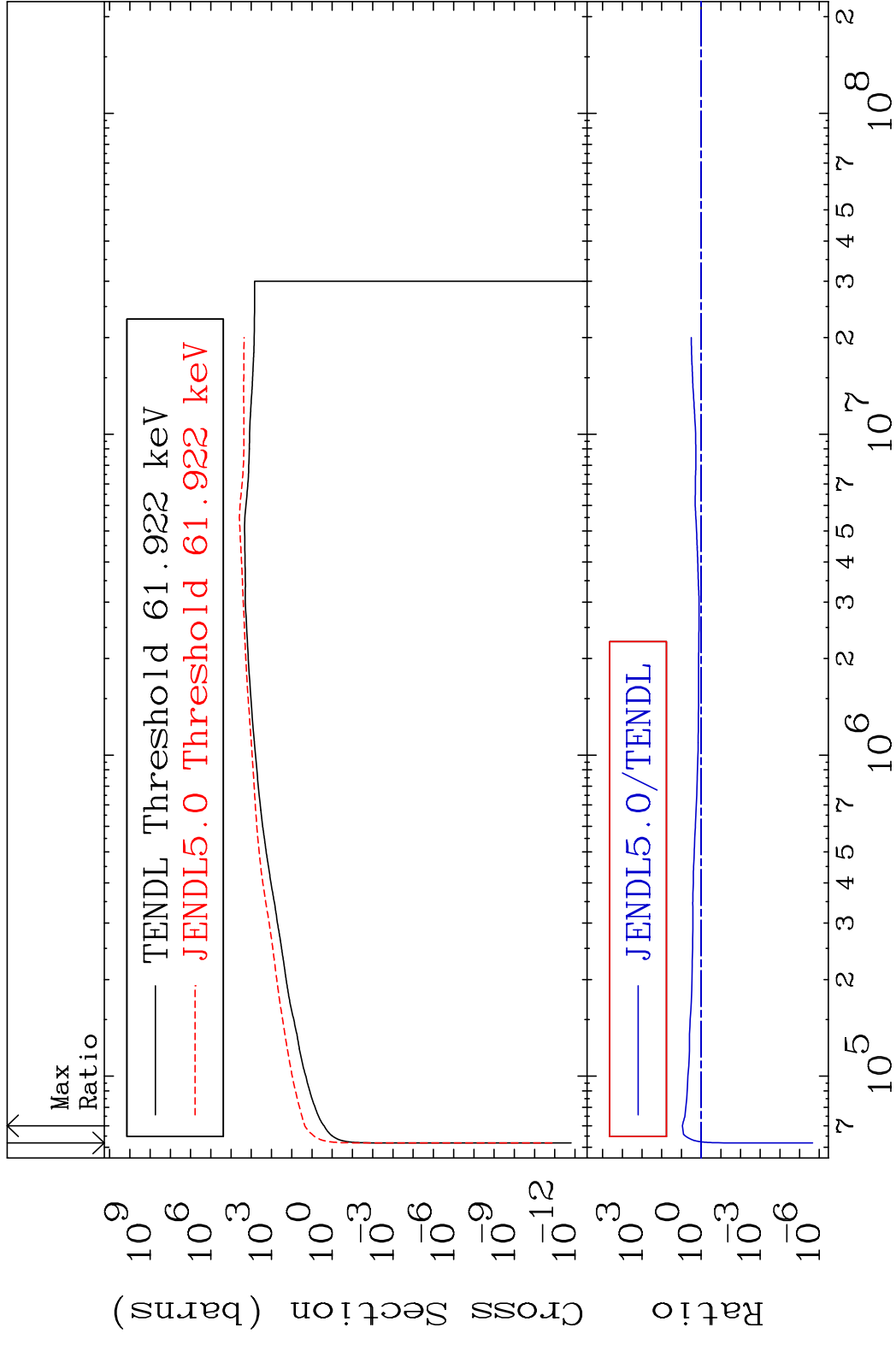


35

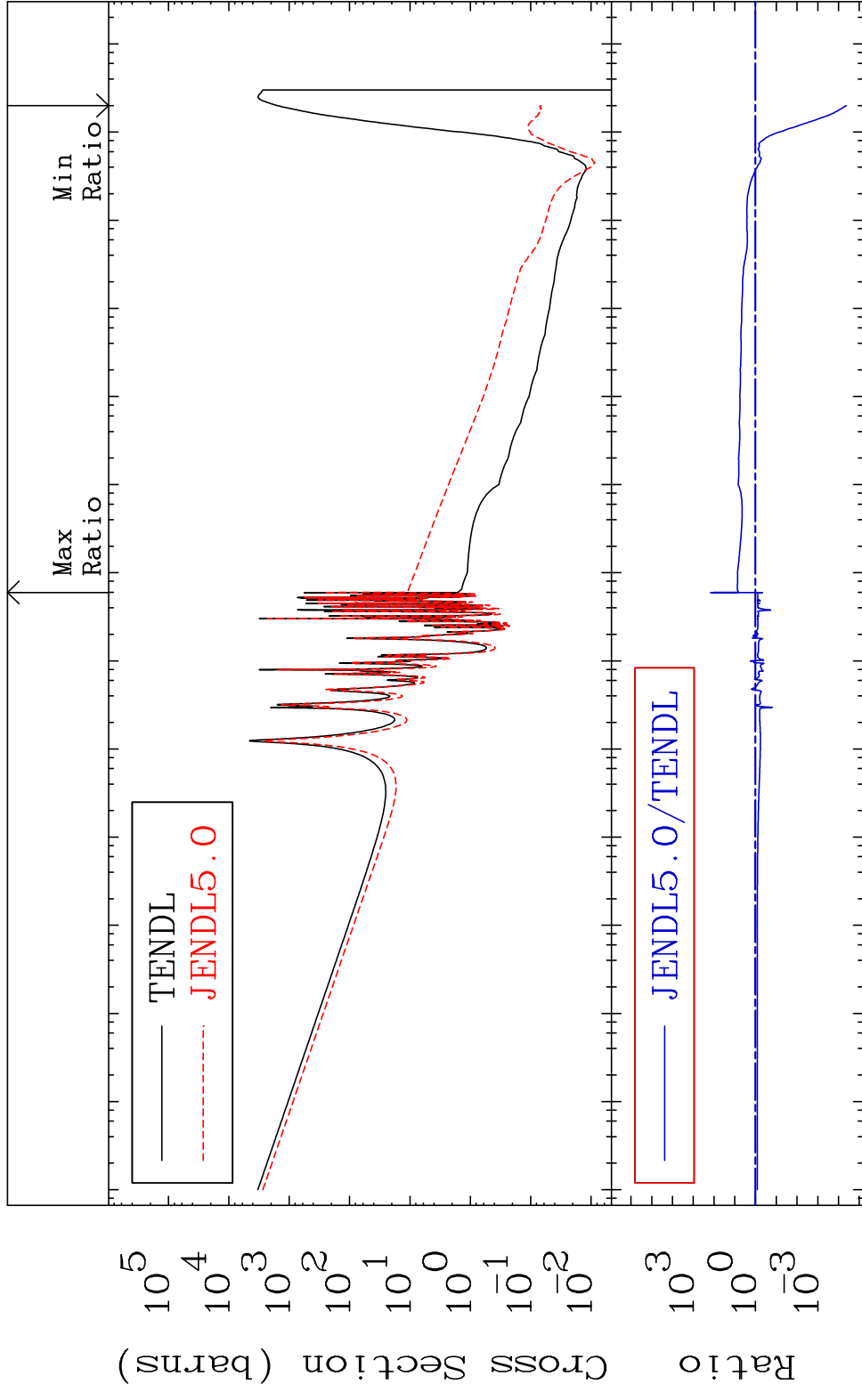
Incident Energy (eV)

96-Cm-247

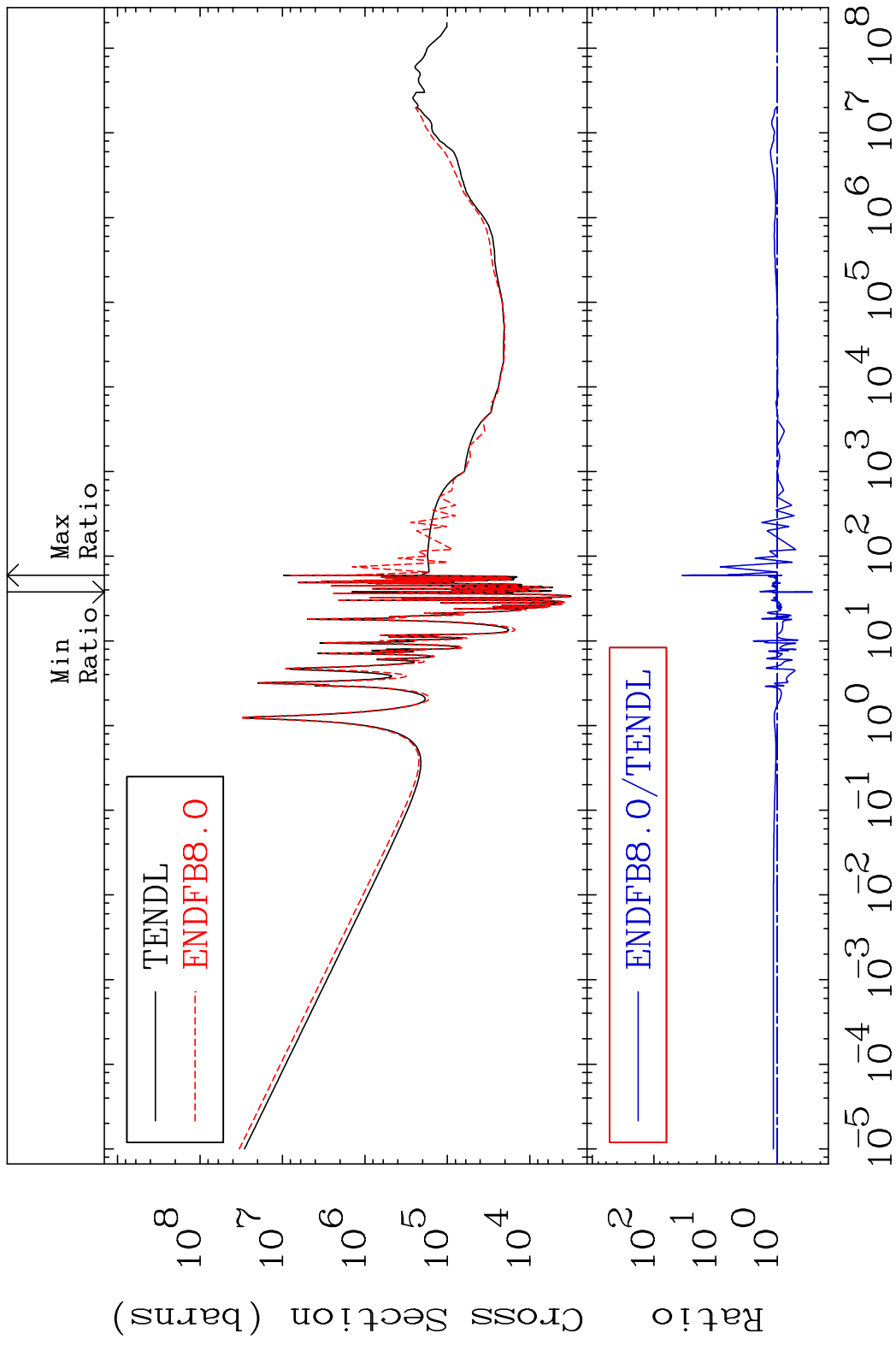
MAT 9646 Dpa inelastic (mt51-91) 96-Cm-247
 Cross Section -100.0 To 796.1 %



MAT 9646 Dpa disappearance (mt102 -120) 96-Cm-247
 Cross Section -100.0 To 9999. %



MAT 9646 Dpa total (eV-barns) 96-Cm-247
 Cross Section -73.30 To 3360. %

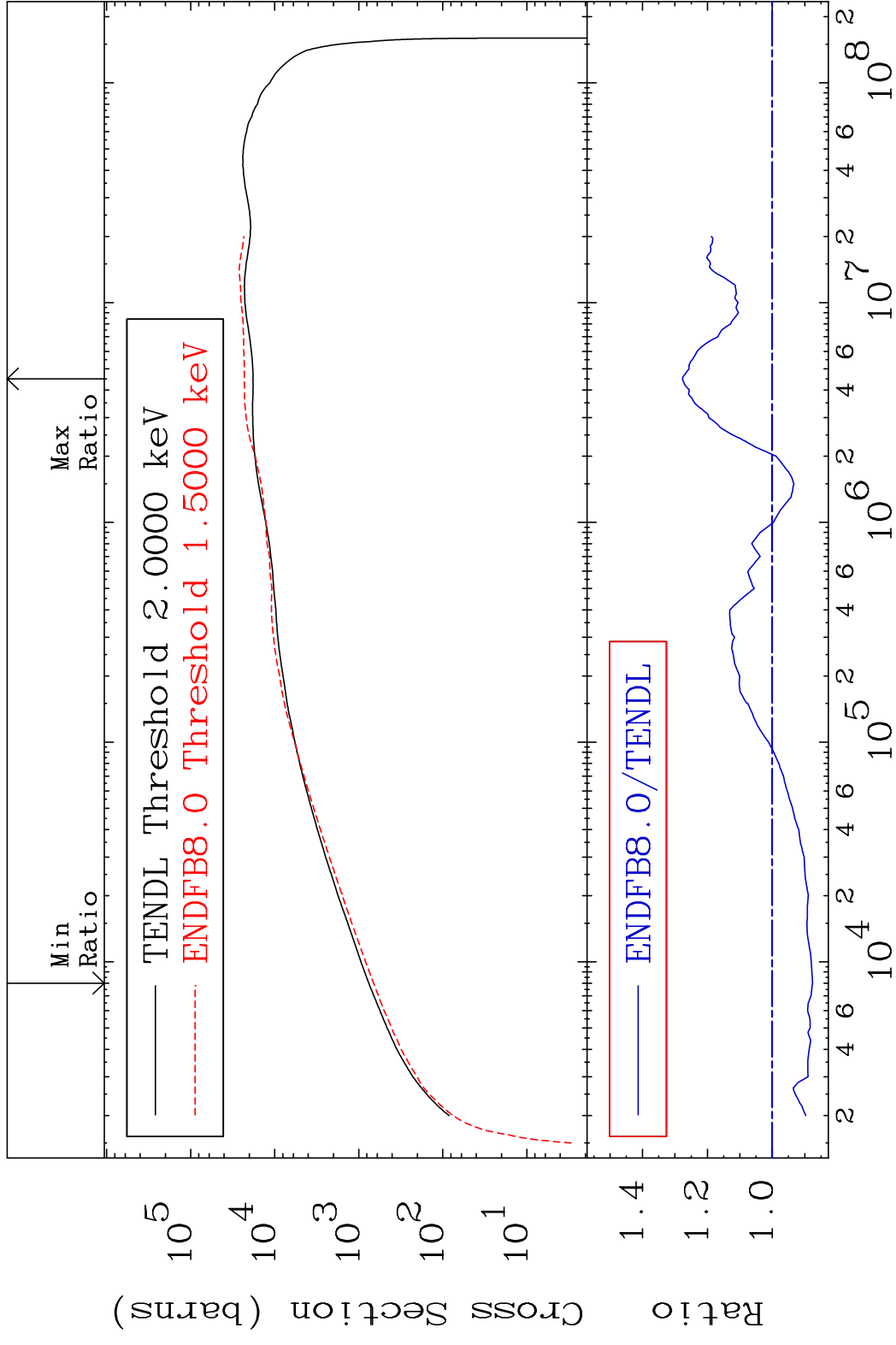


MAT 9646

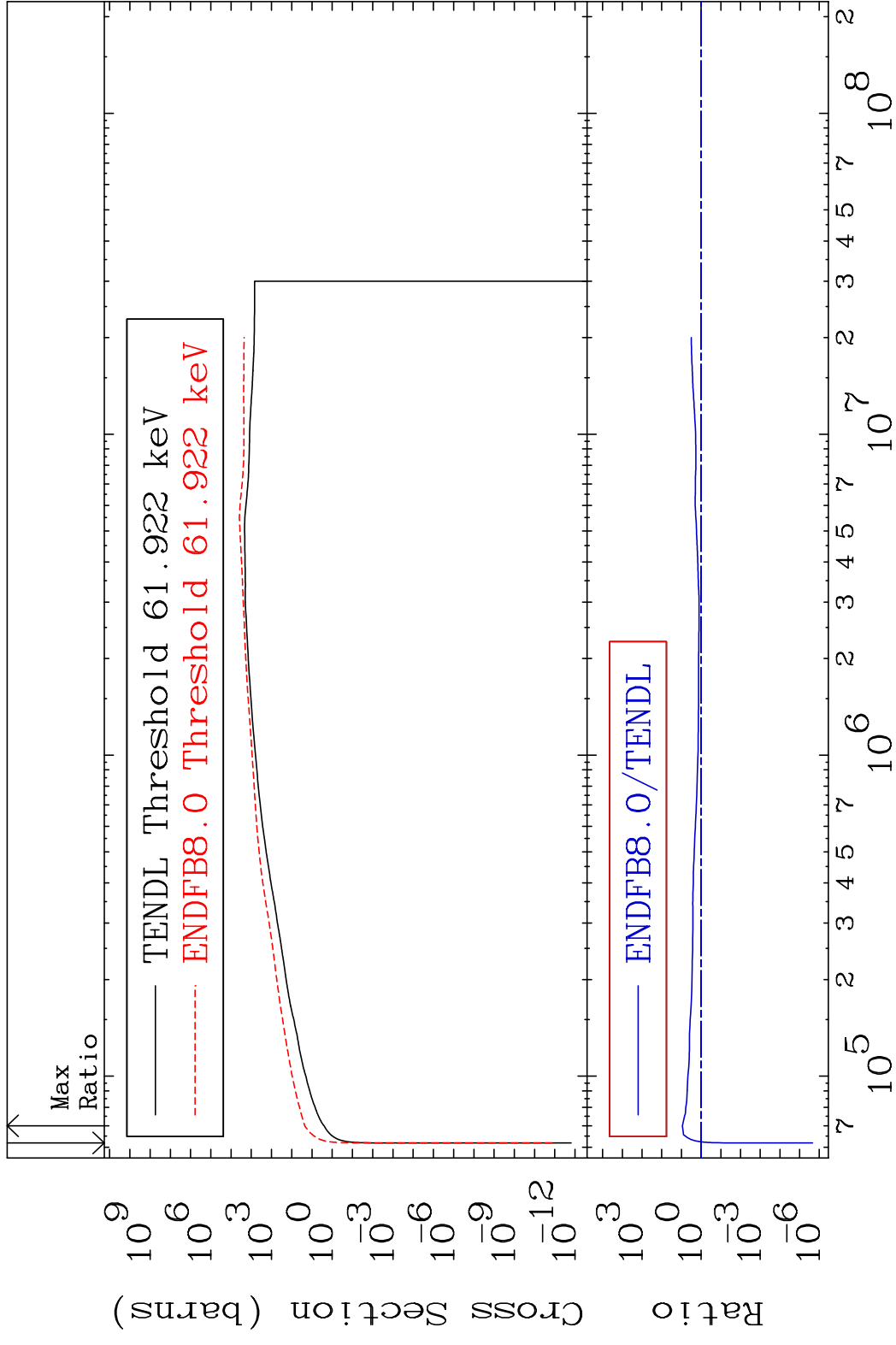
Dpa elastic (mt2)

96-Cm-247

Cross Section -12.40 To 27.72 %



MAT 9646 Dpa inelastic (mt51-91) 96-Cm-247
 Cross Section -100.0 To 796.1 %



40 Incident Energy (eV) 96-Cm-247

MAT 9646 Dpa disappearance (mt102 -120) 96-Cm-247
 Cross Section -100.0 To 9999. %

