

Program Complot
(Version 2021-1)

by

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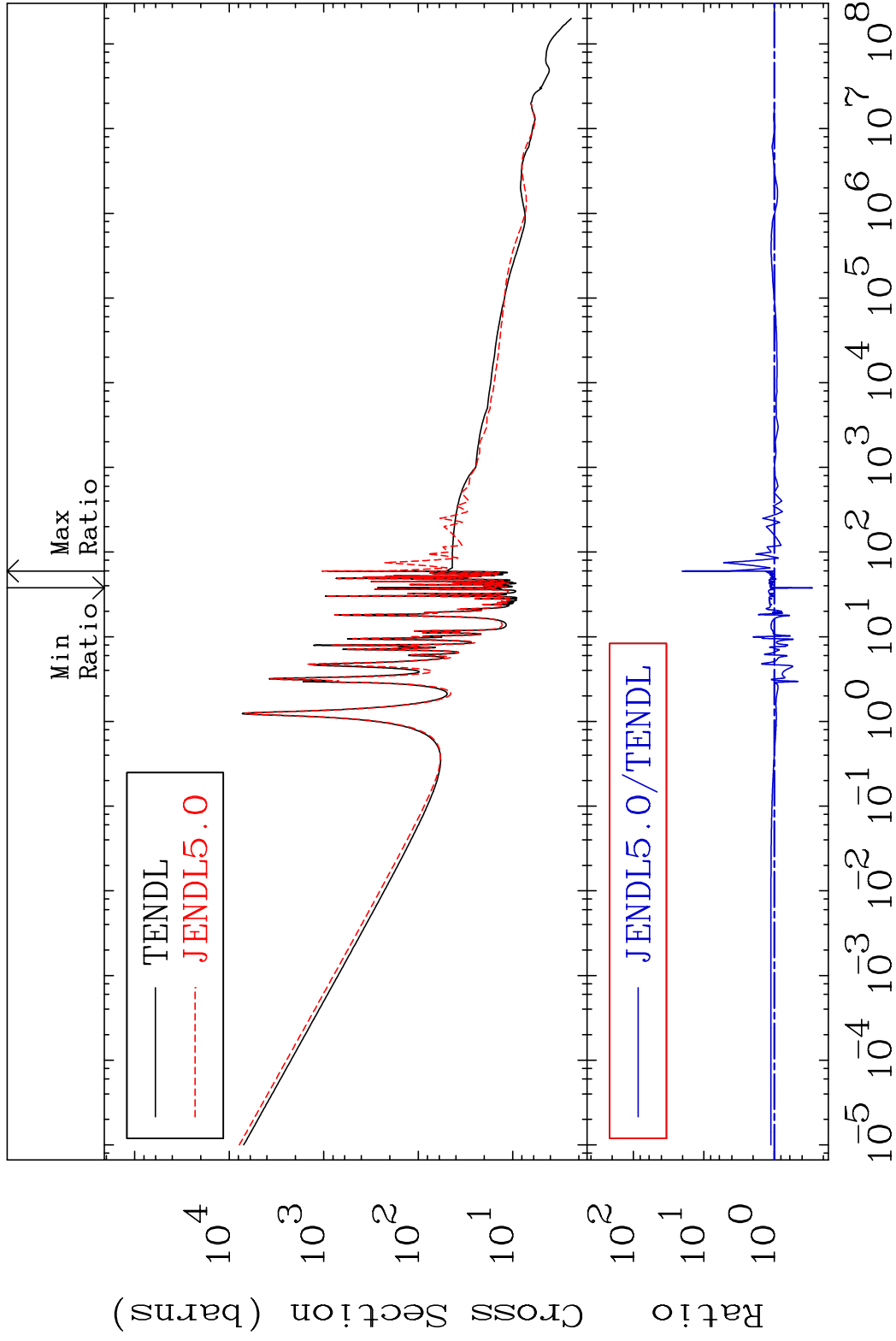
Press Mouse Button to Start

MAT 9646

Total

96-Cm-247

Cross Section -71.48 To 1915. %



1

Incident Energy (eV)

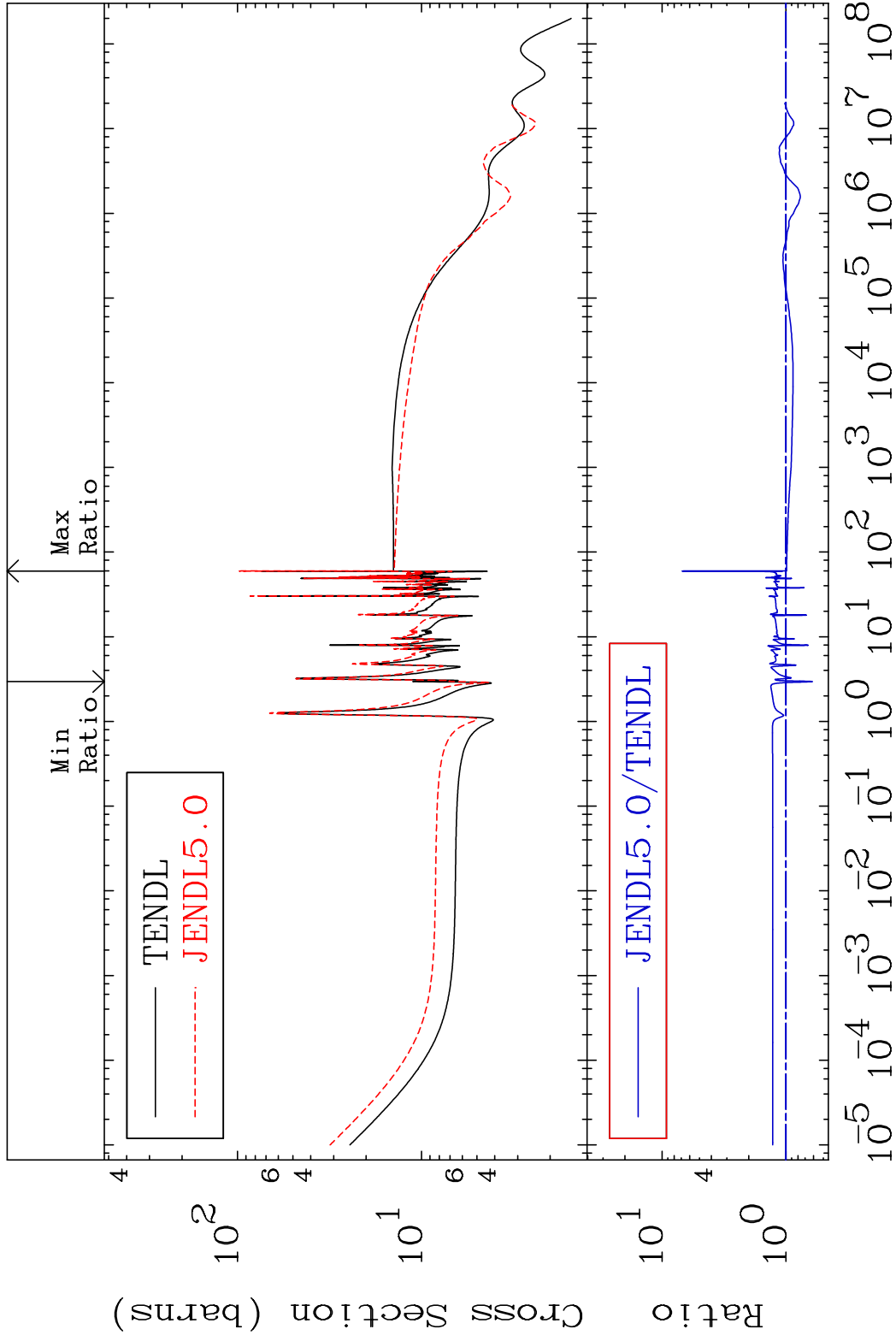
96-Cm-247

MAT 9646

Elastic

96-Cm-247

Cross Section -39.01 To 587.0 %

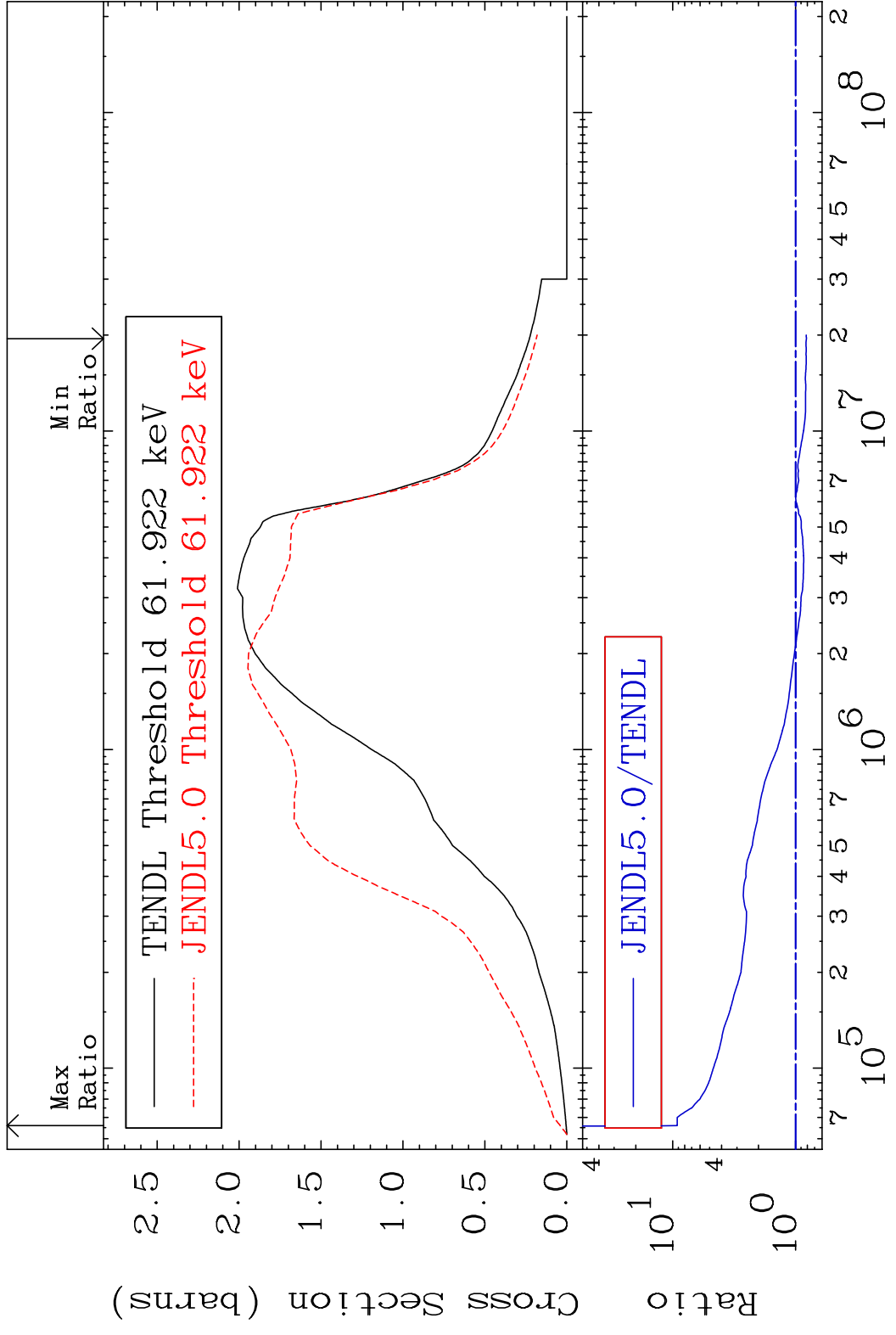


2

Incident Energy (eV)

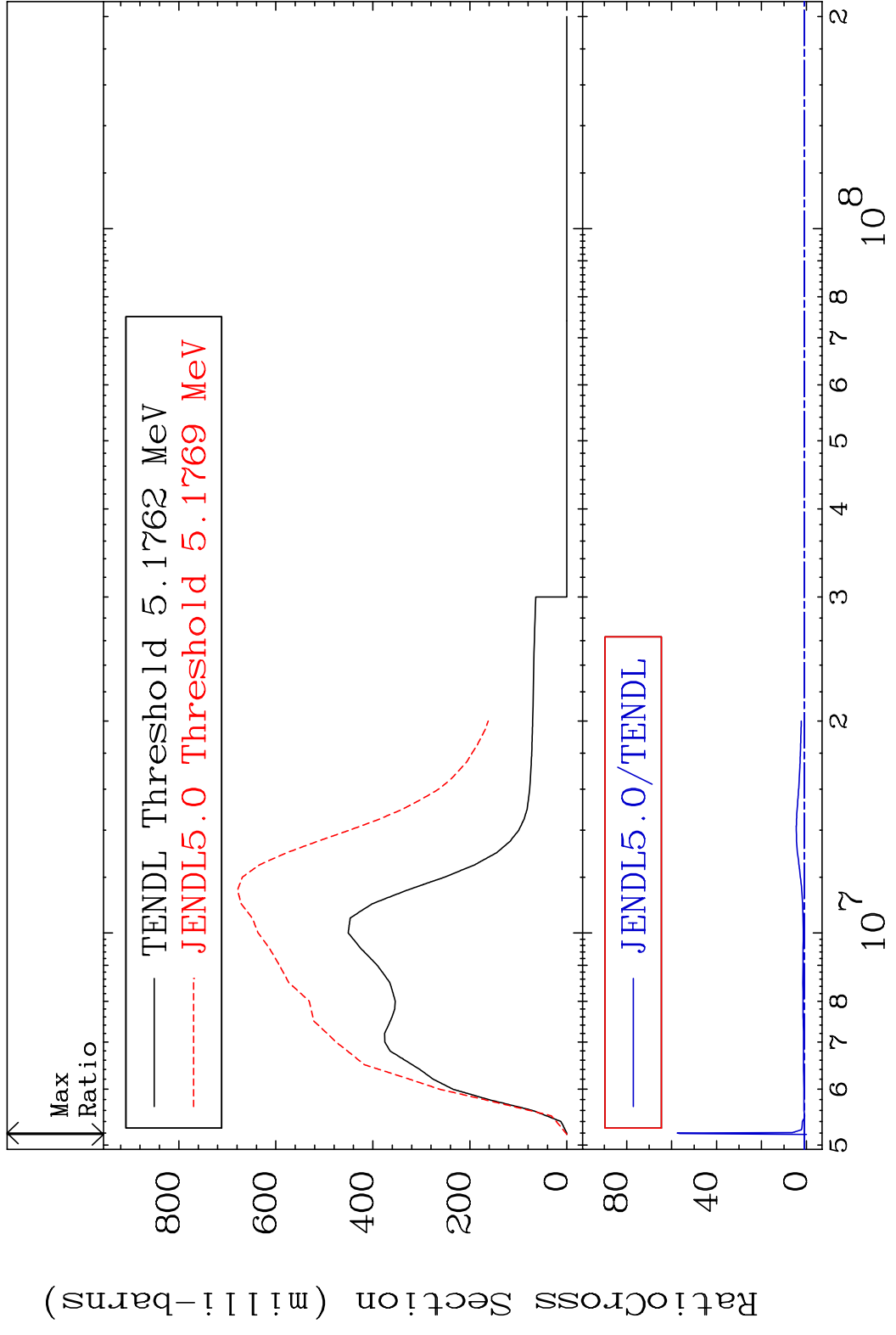
96-Cm-247

MAT 9646 Inelastic 96-Cm-247
 Cross Section -18.50 To 820.0 %



3 Incident Energy (eV) 96-Cm-247

MAT 9646 (n,2n) 96-Cm-247
Cross Section -100.0 To 5652. %



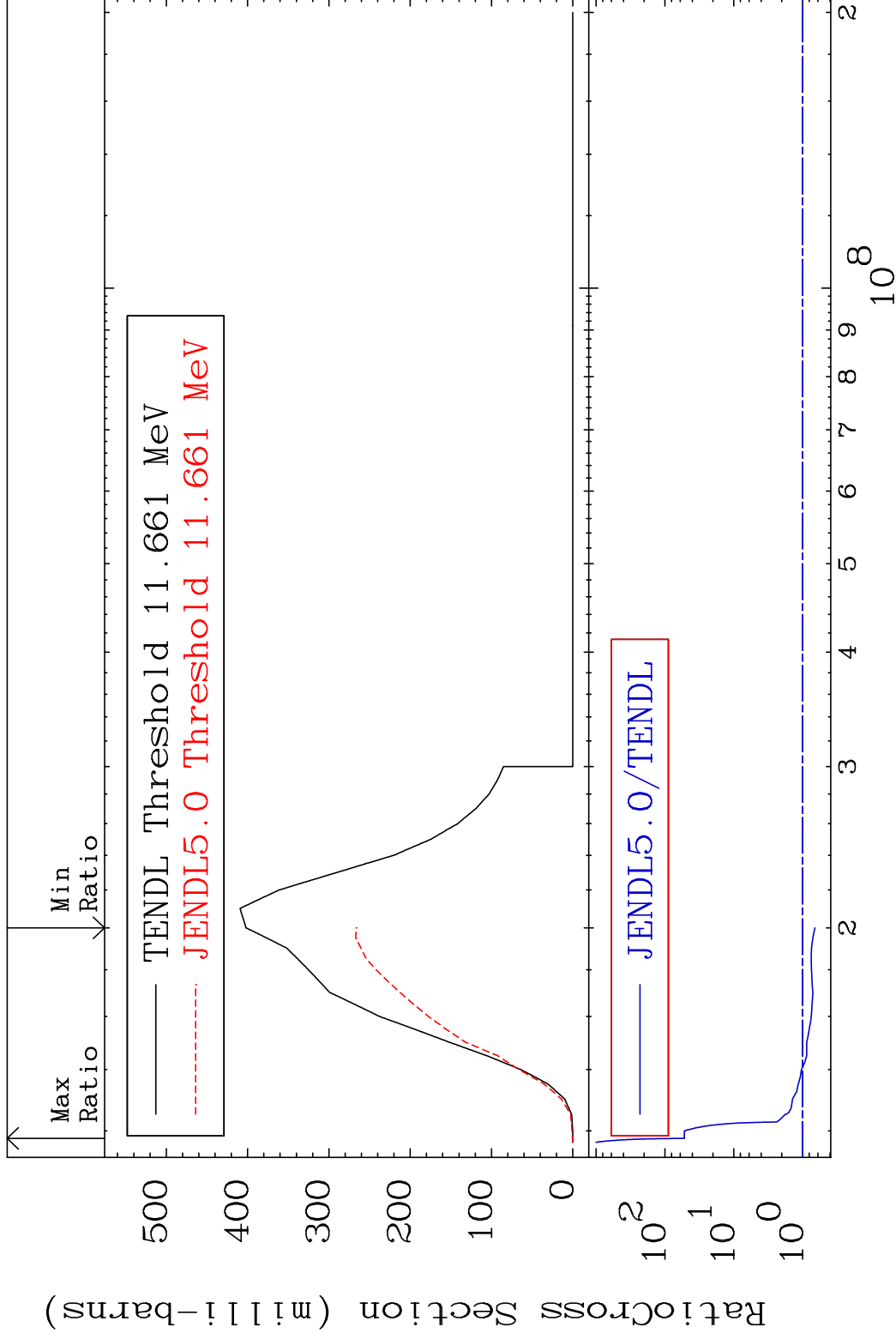
4 5 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 96-Cm-247

MAT 9646

(n,3n)

96-Cm-247

Cross Section -33.71 To 5122. %



5

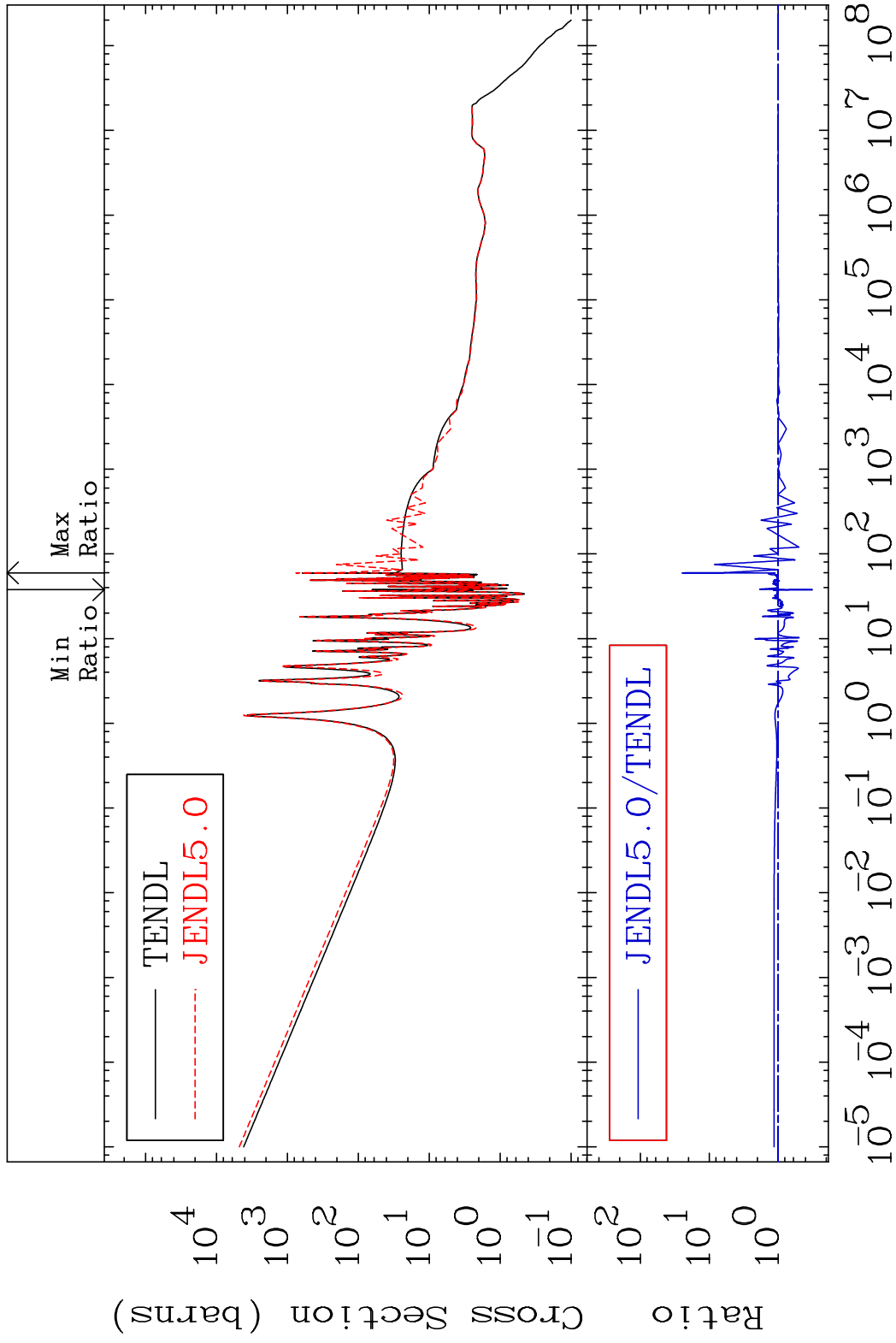
Incident Energy (eV)

96-Cm-247

MAT 9646

Fission
Cross Section -68.36 To 2361. %

96-Cm-247



6

Incident Energy (eV)

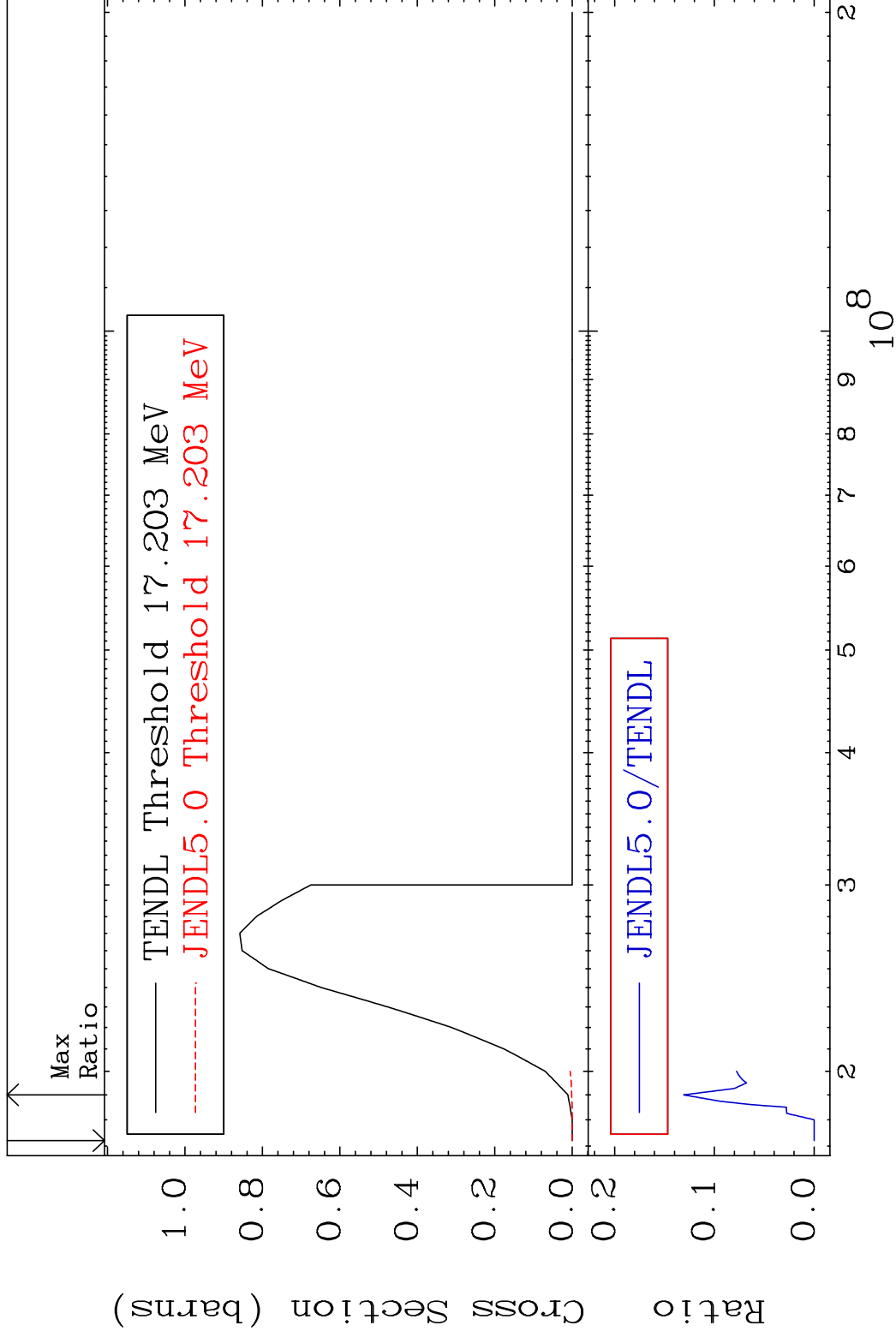
96-Cm-247

MAT 9646

(n, 4n)

96-Cm-247

Cross Section -100.0 To -86.92%

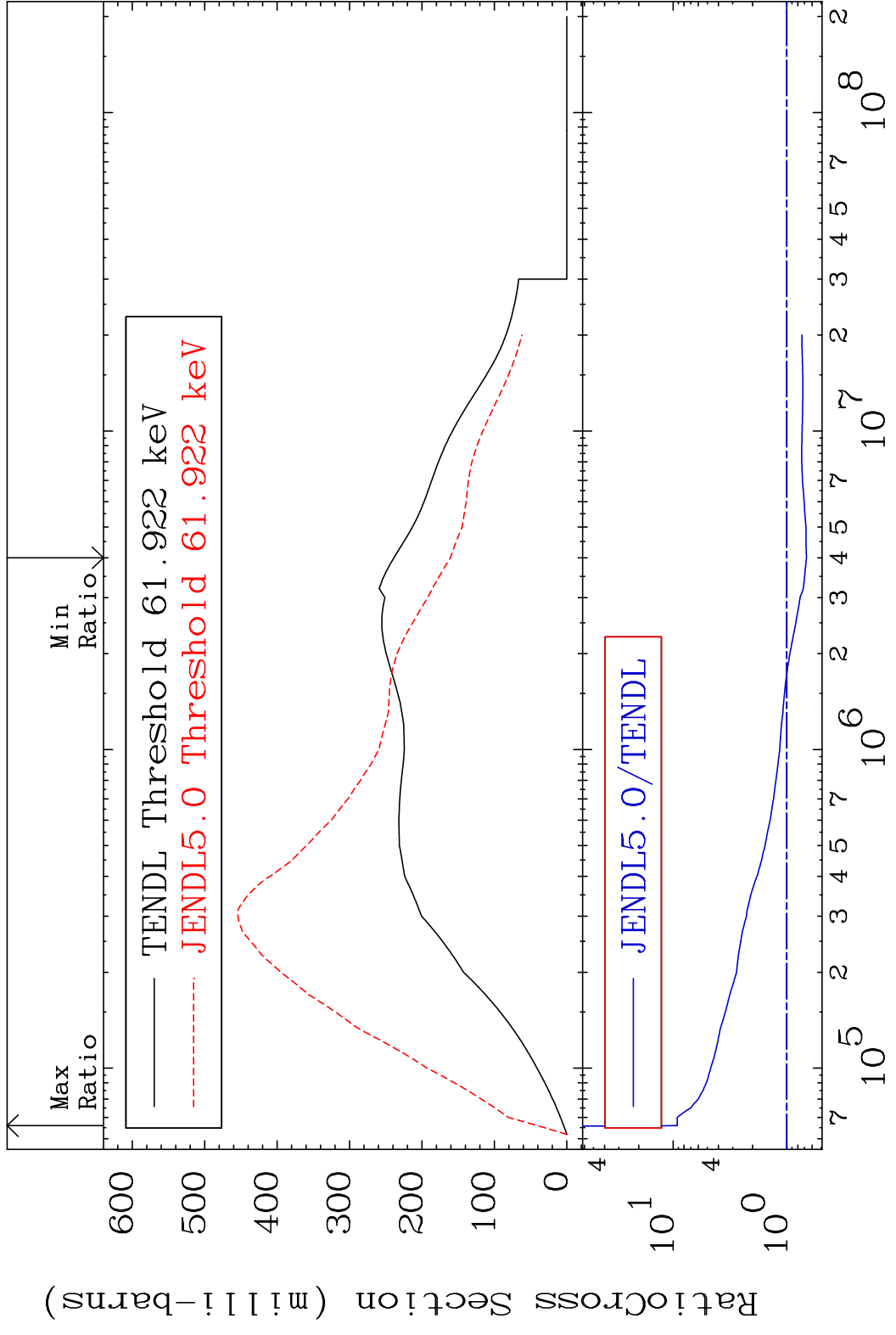


7

Incident Energy (eV)

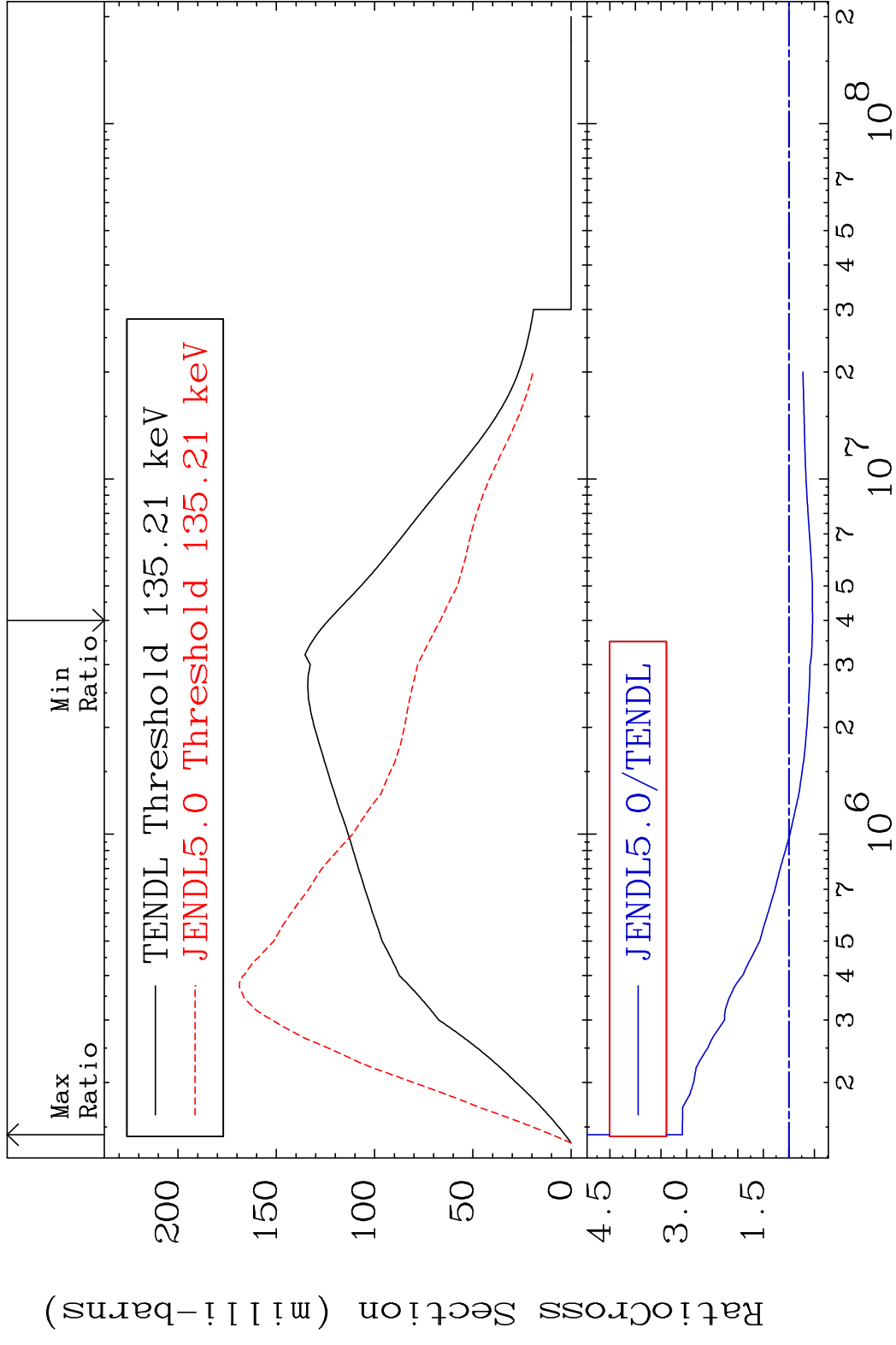
96-Cm-247

MAT 9646 MT= 51 (n, n') Level 96-Cm-247
 Cross Section -32.69 To 820.0 %

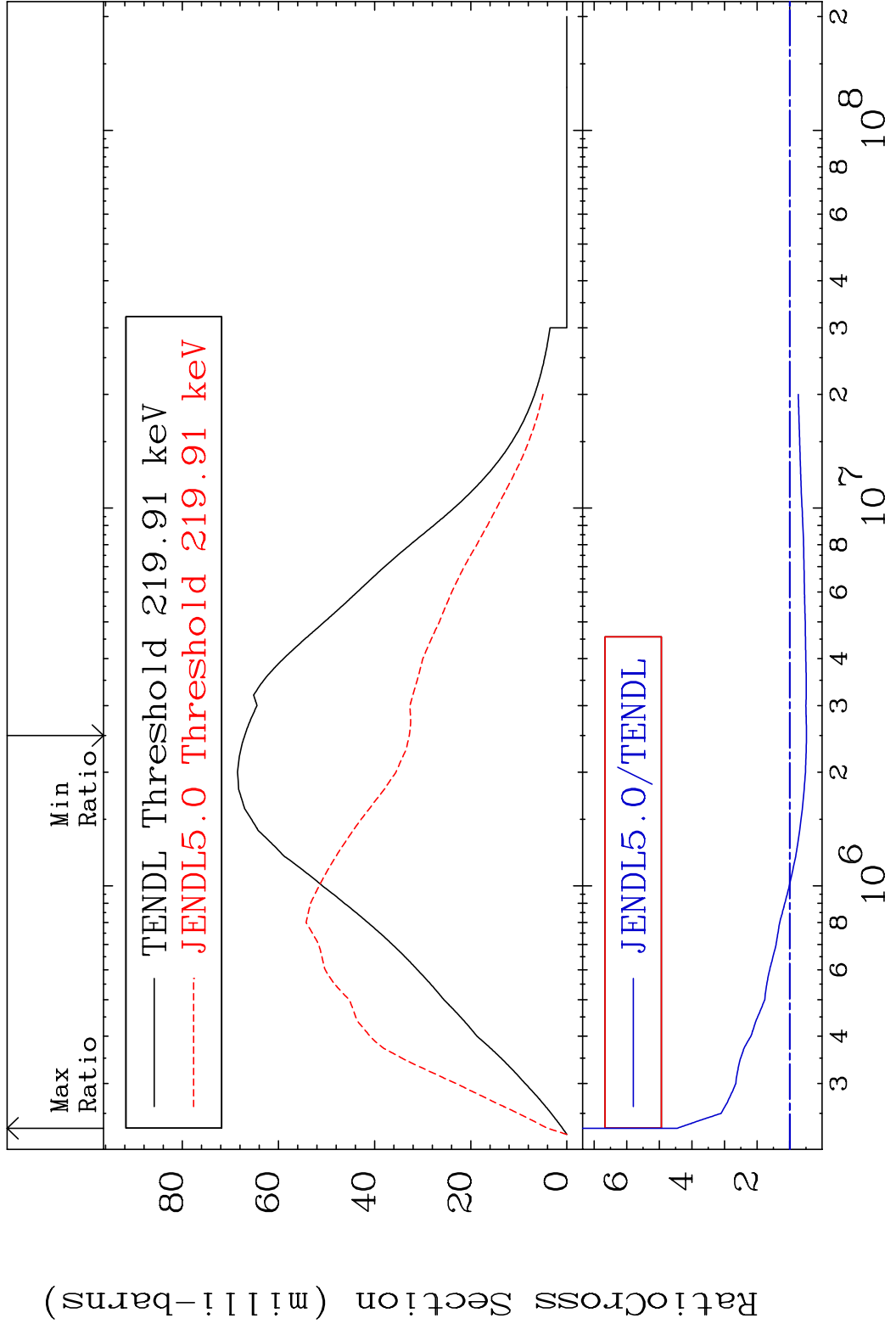


8 8 Incident Energy (eV) 96-Cm-247

MAT 9646 MT= 52 (n, n') Level 96-Cm-247
 Cross Section -46.13 To 208.4 %

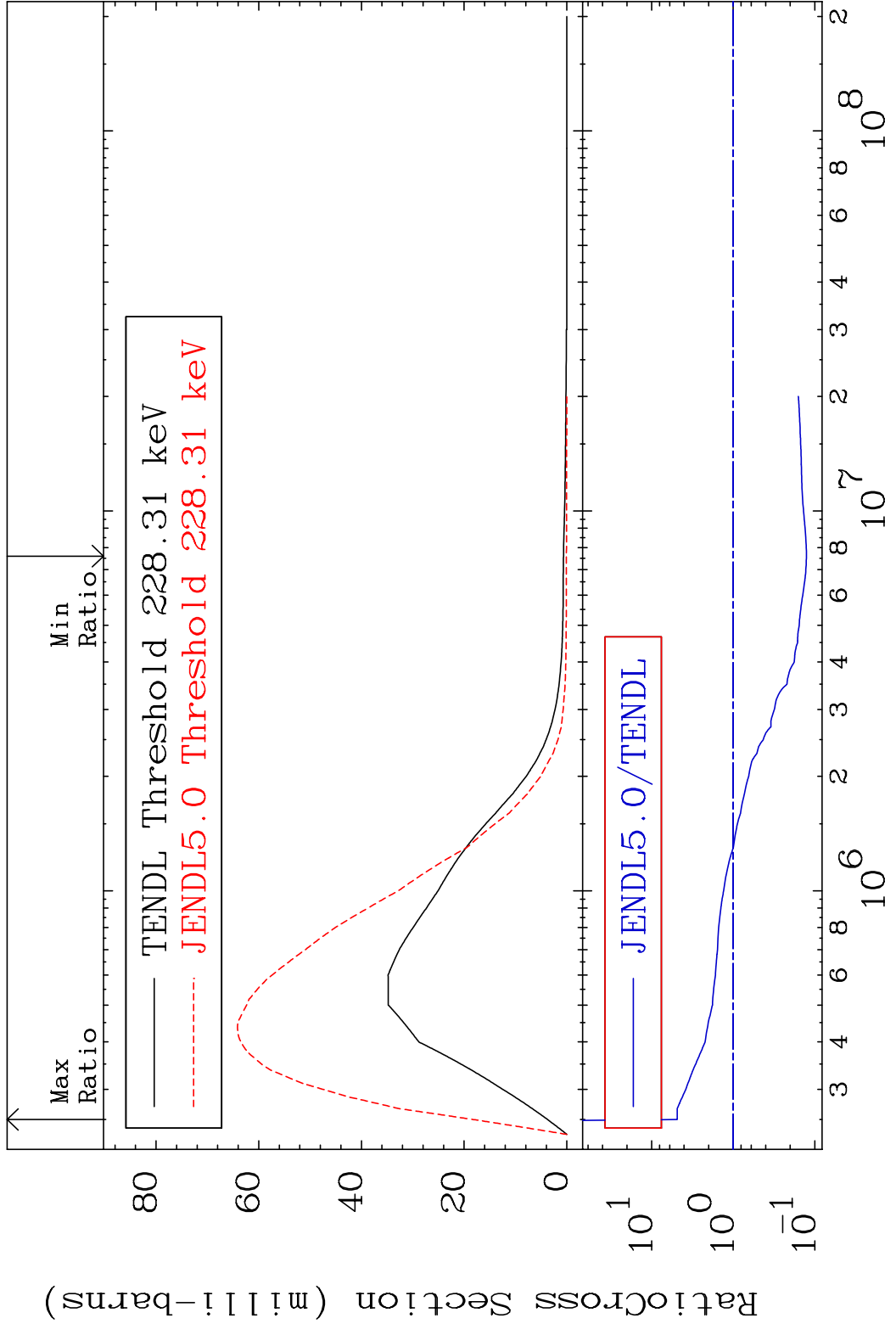


MAT 9646 MT= 53 (n, n') Level 96-Cm-247
 Cross Section -51.08 To 345.3 %

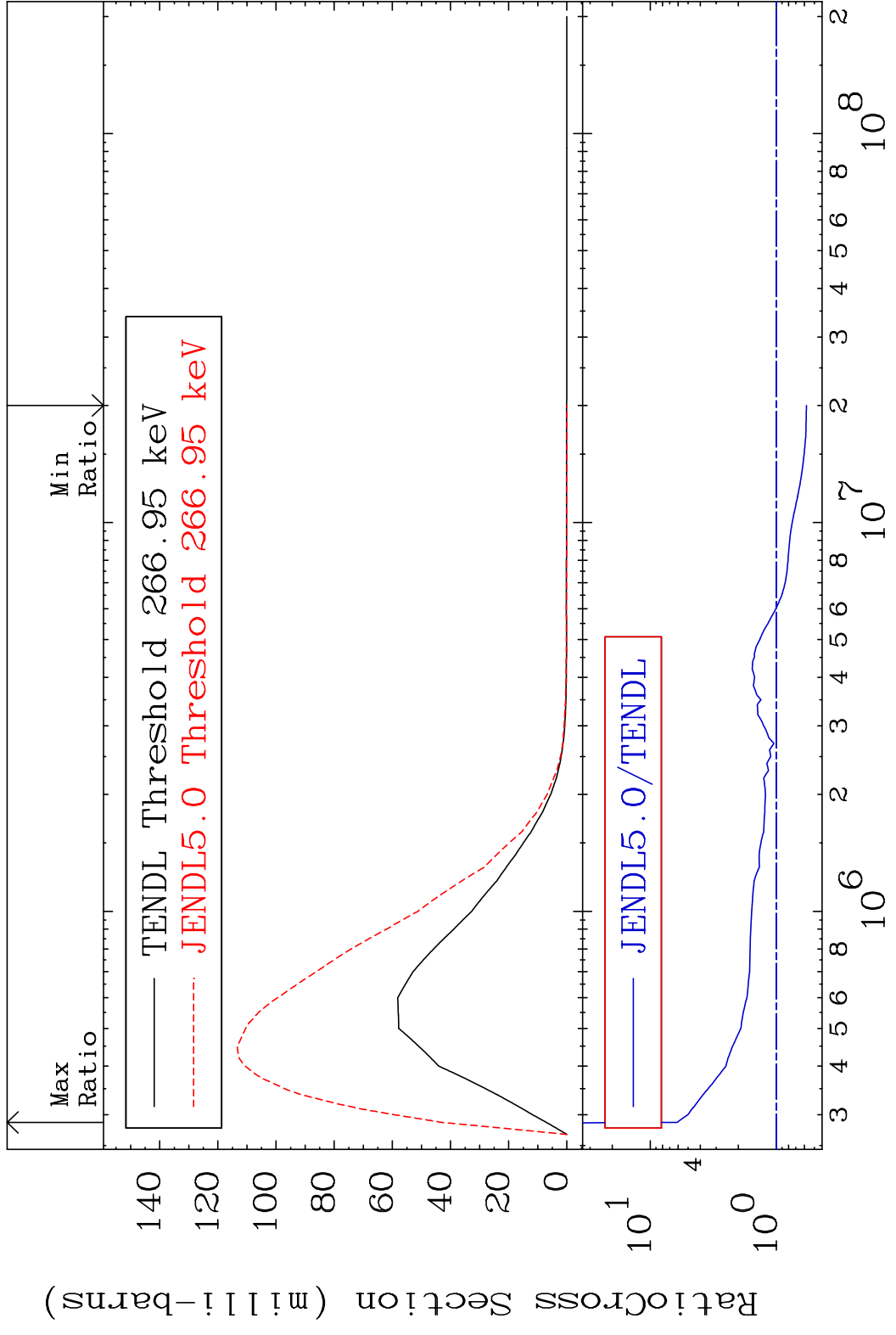


10 Incident Energy (eV) 96-Cm-247

MAT 9646 MT= 54 (n,n') Level 96-Cm-247
 Cross Section -87.35 To 385.3 %

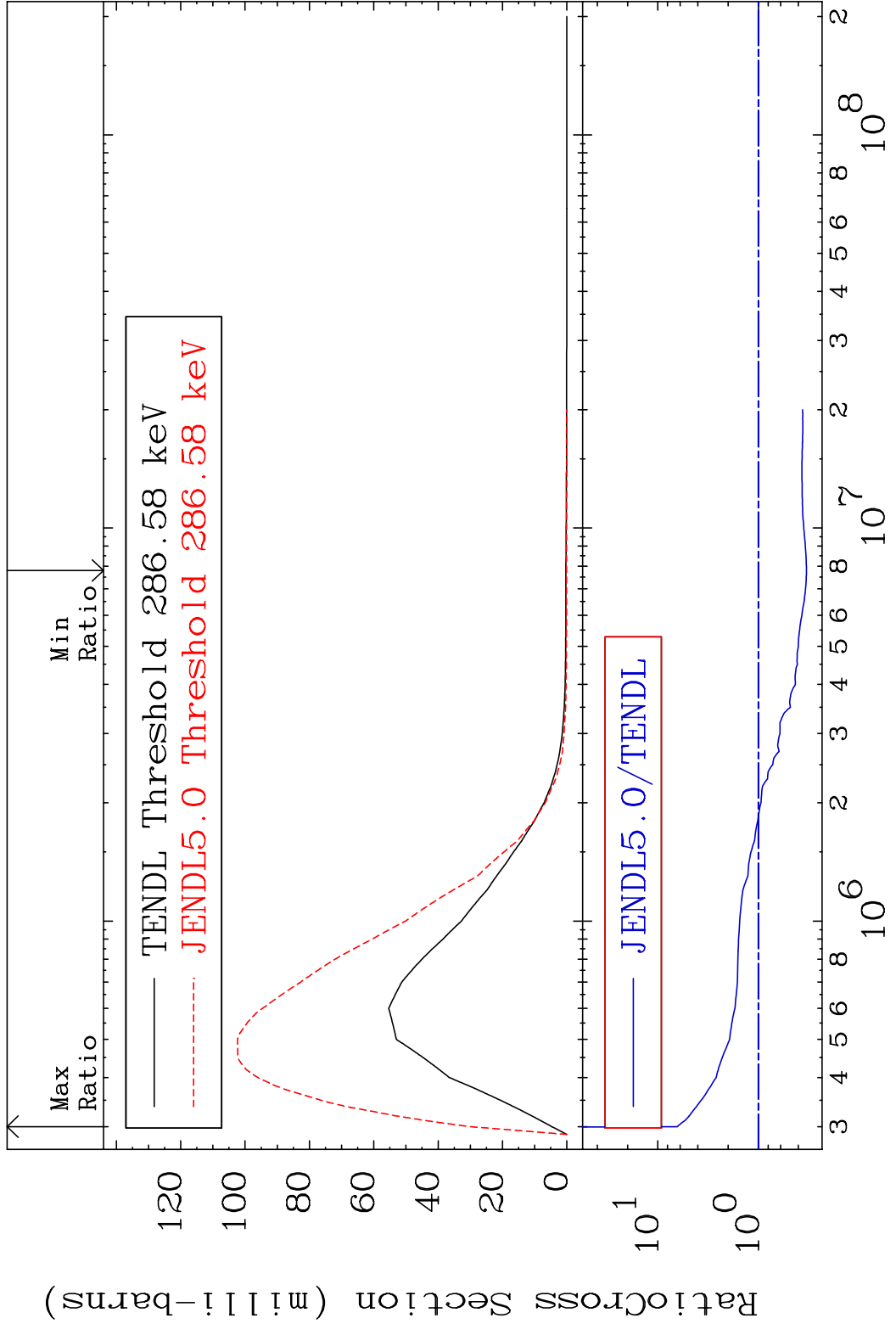


MAT 9646 MT= 55 (n,n') Level 96-Cm-247
 Cross Section -42.22 To 511.0 %

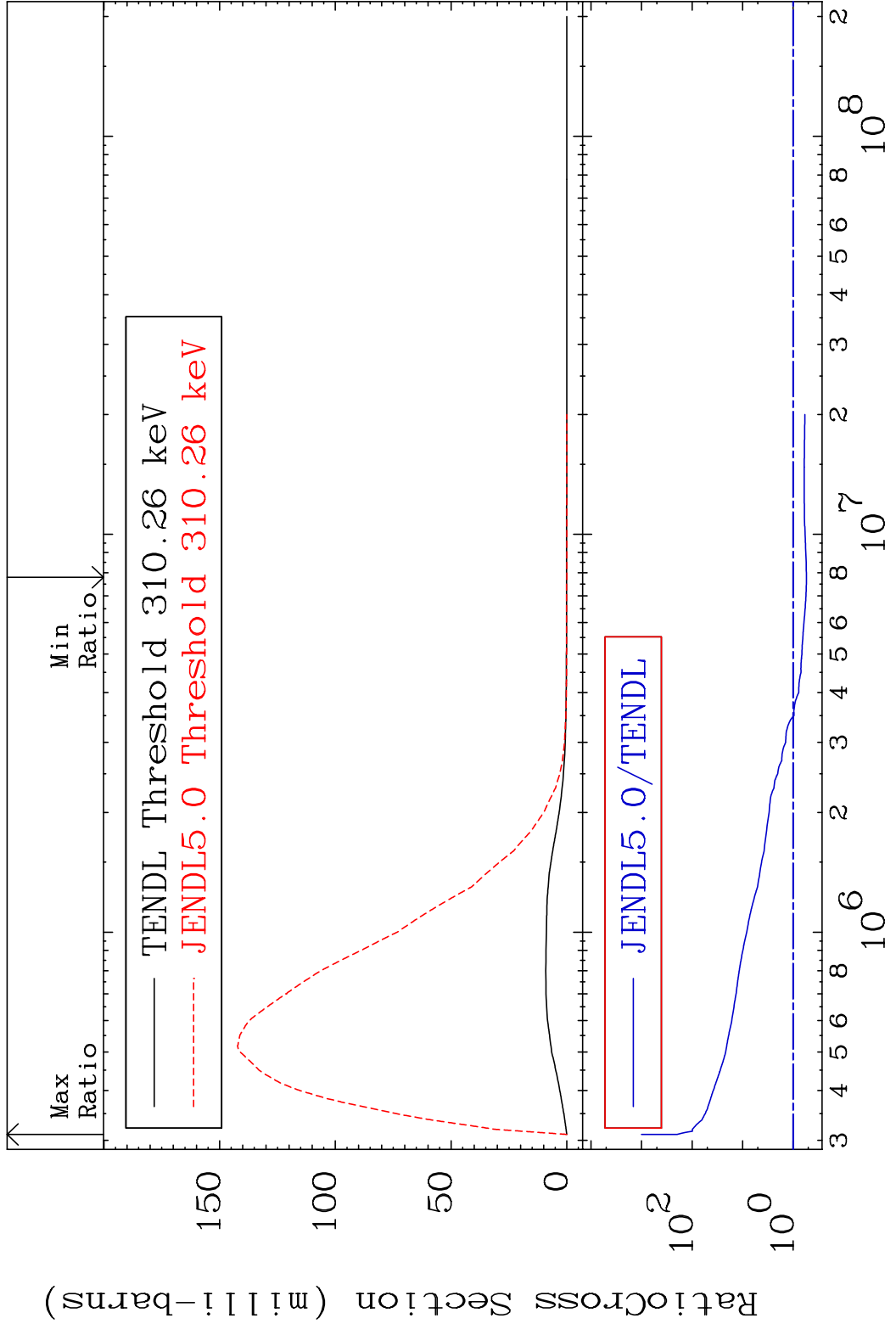


12 Incident Energy (eV) 96-Cm-247

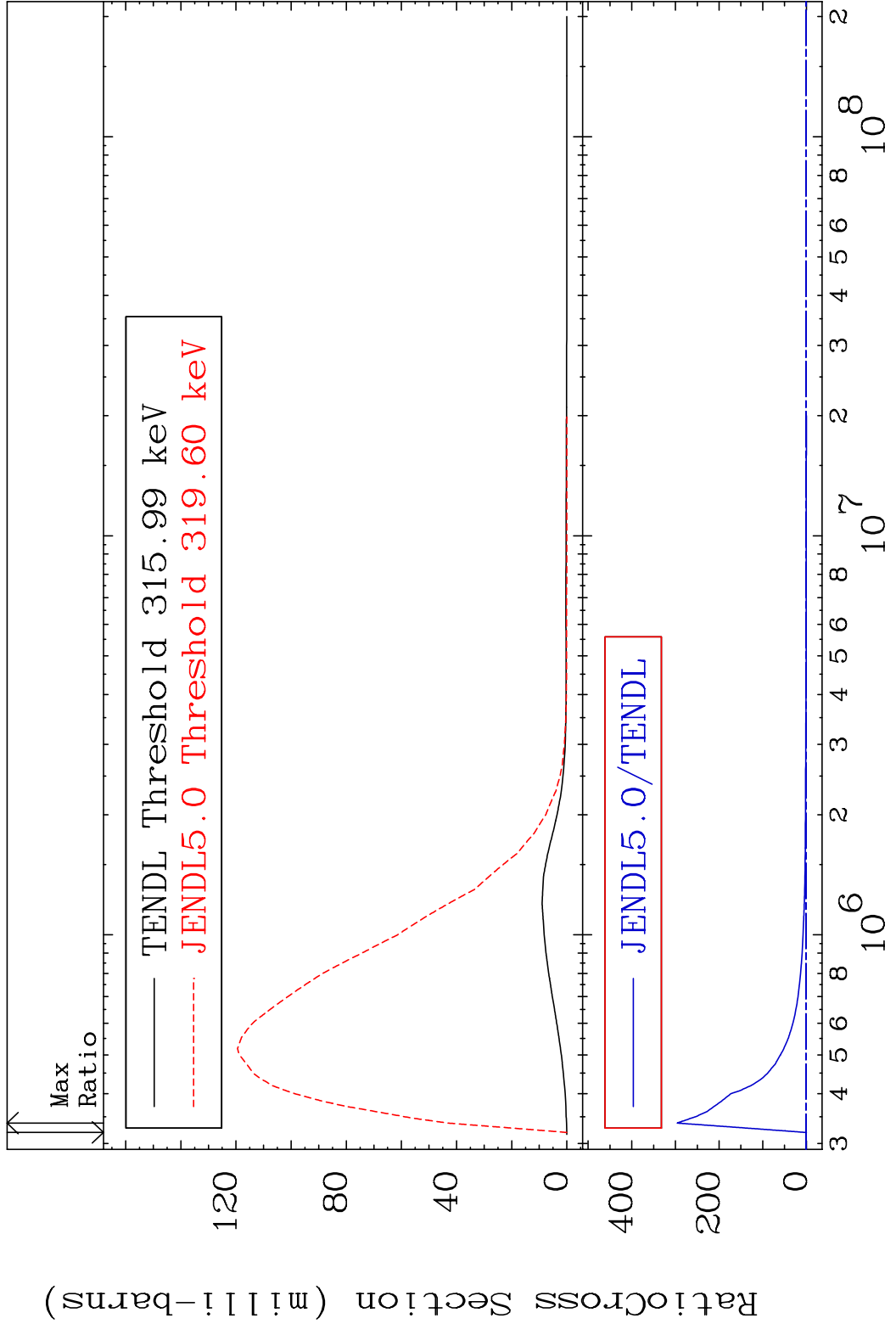
MAT 9646 MT= 56 (n,n') Level 96-Cm-247
 Cross Section -66.72 To 541.8 %



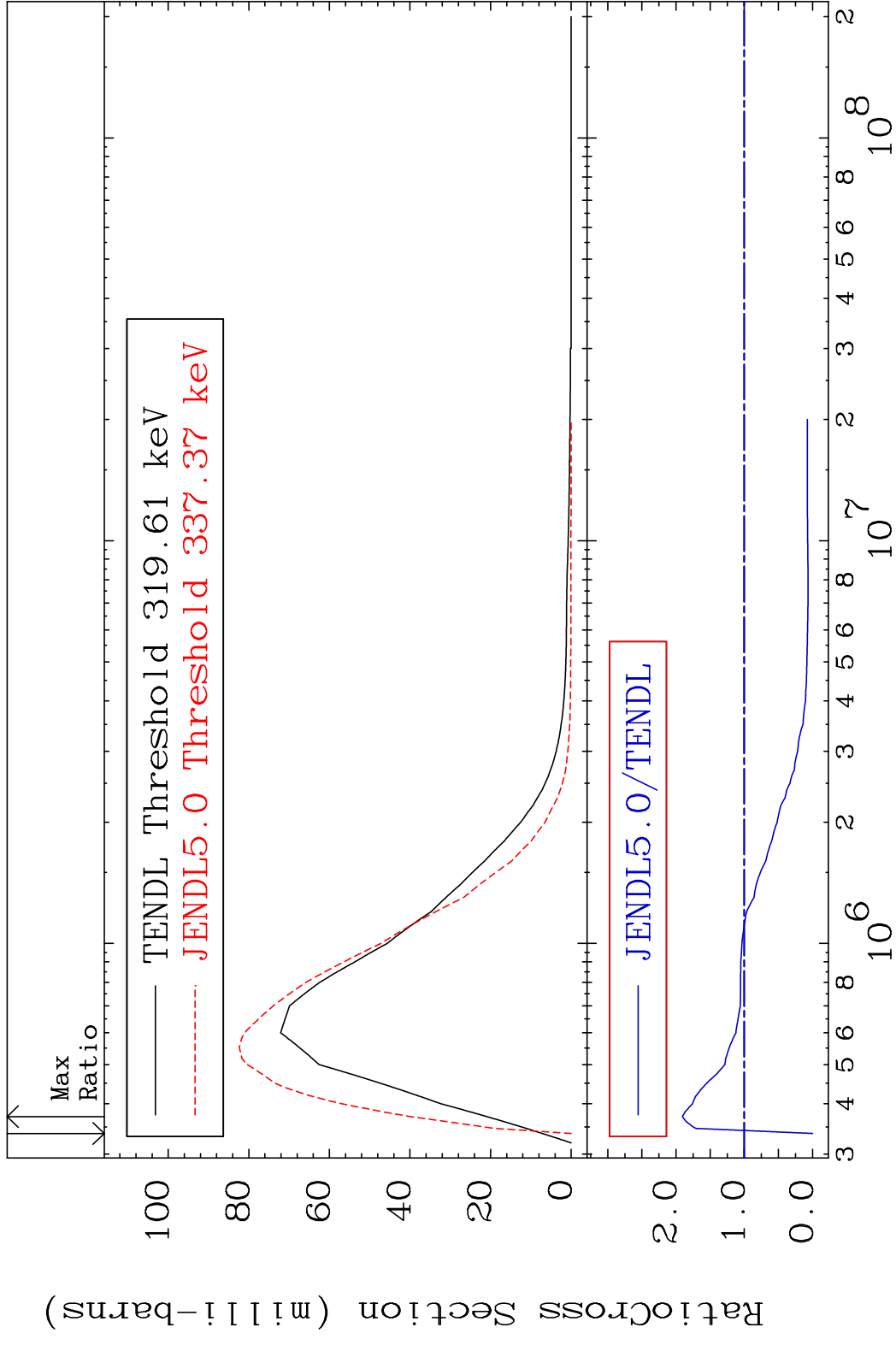
MAT 9646 MT= 57 (n,n') Level 96-Cm-247
 Cross Section -45.32 To 9999. %



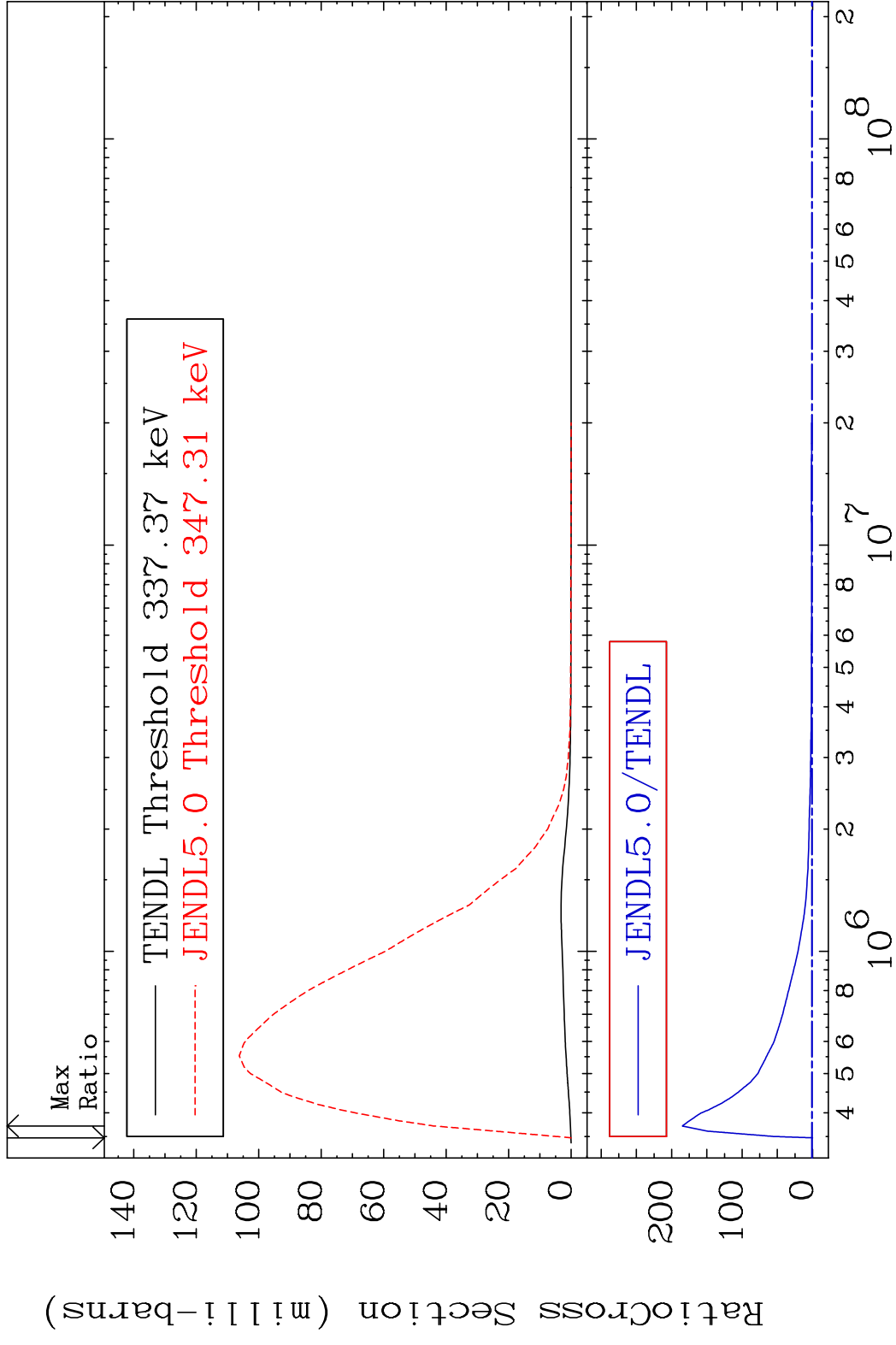
MAT 9646 MT= 58 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



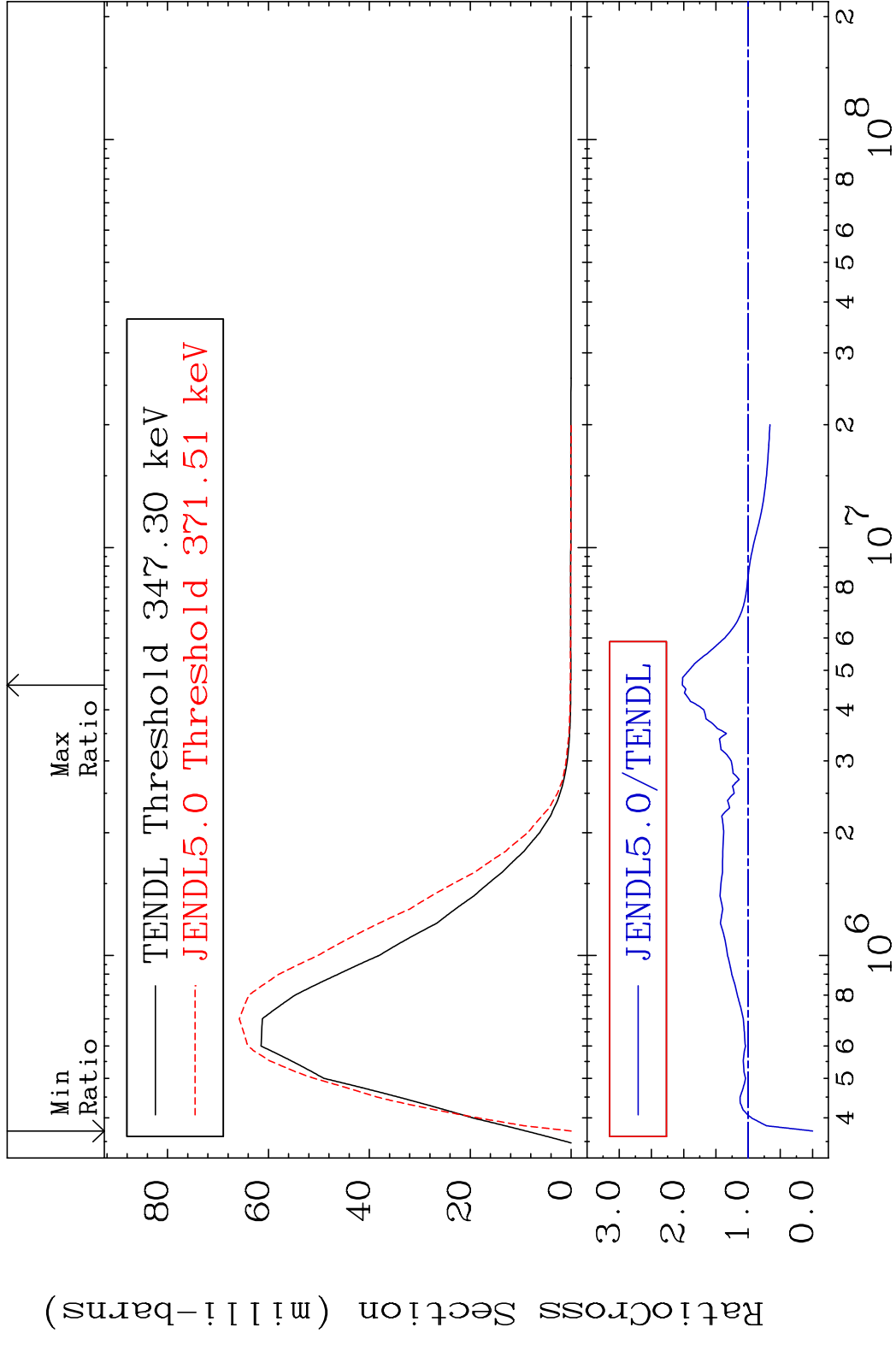
MAT 9646 MT= 59 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 90.74 %



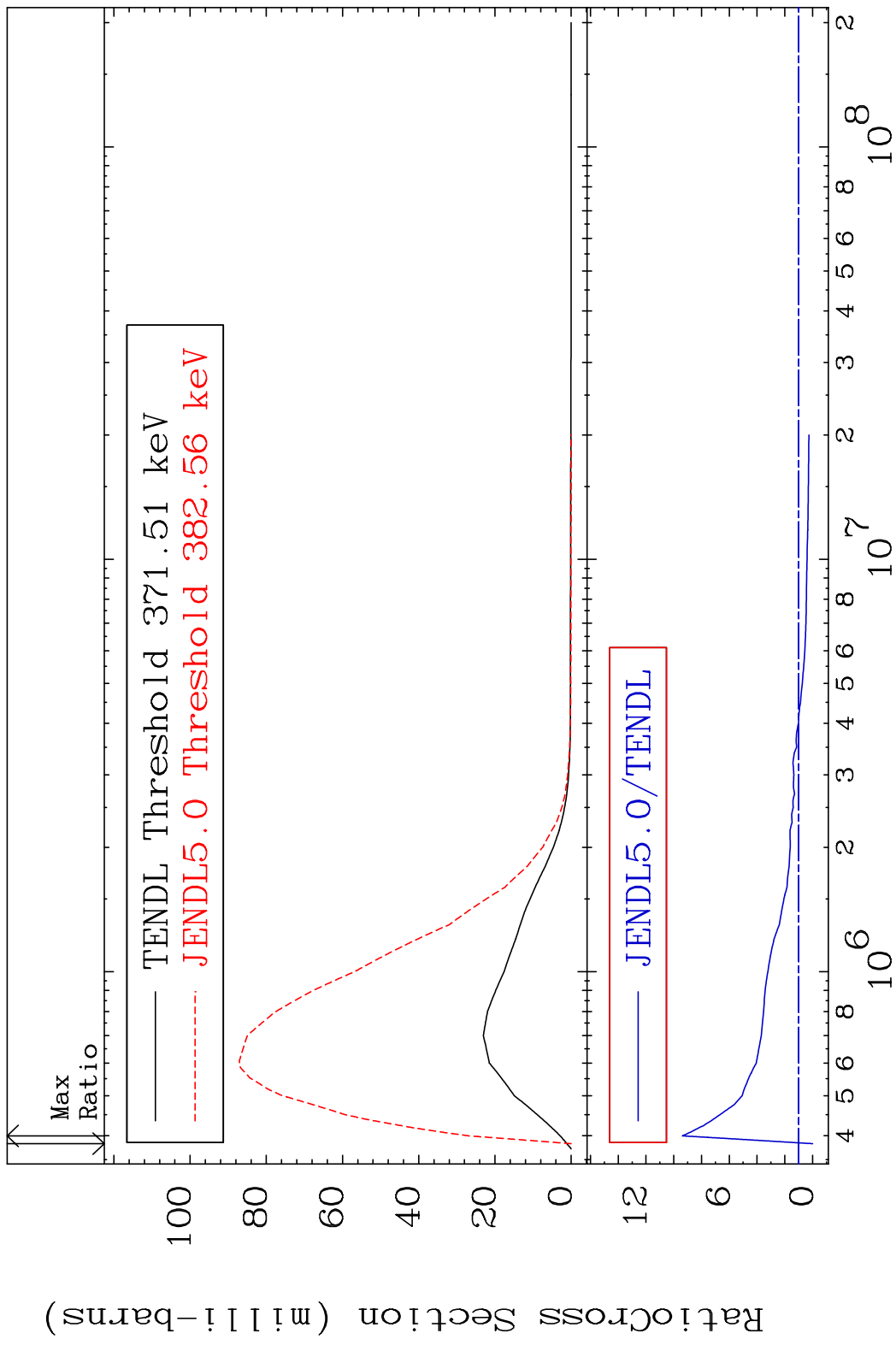
MAT 9646 MT= 60 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



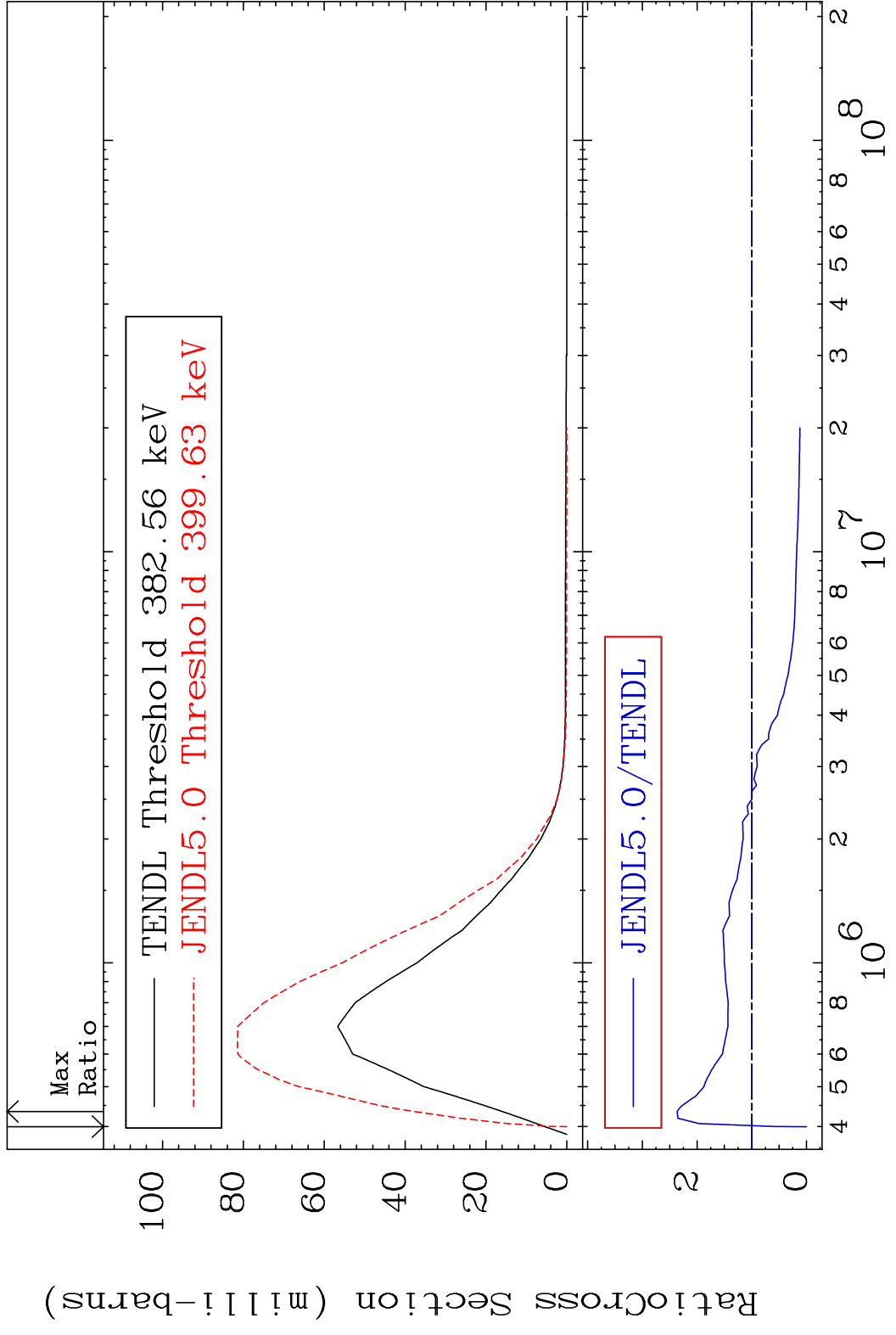
MAT 9646 MT= 61 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 102.1 %



MAT 9646 MT= 62 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 838.1 %

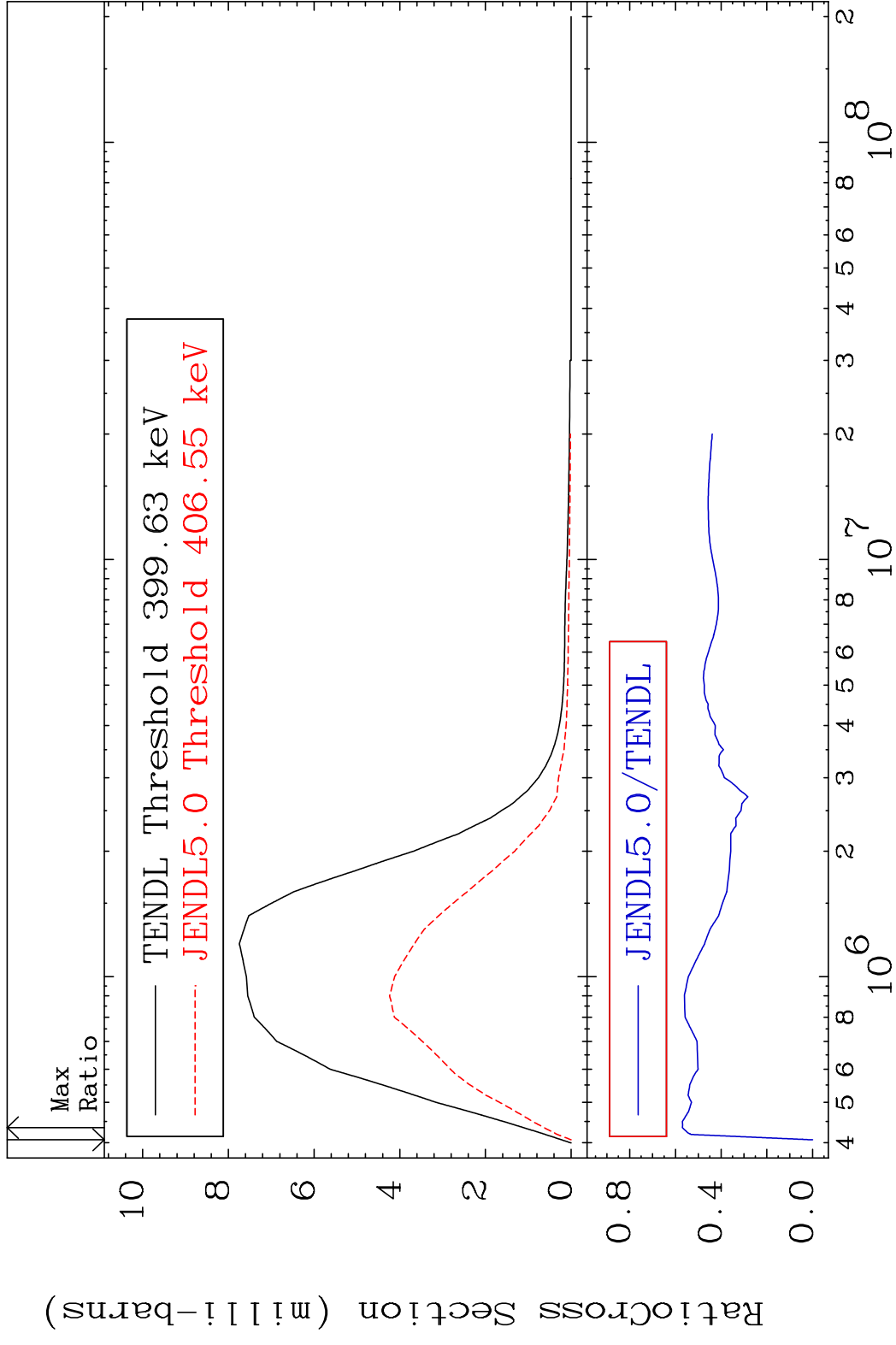


MAT 9646 MT= 63 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 136.3 %

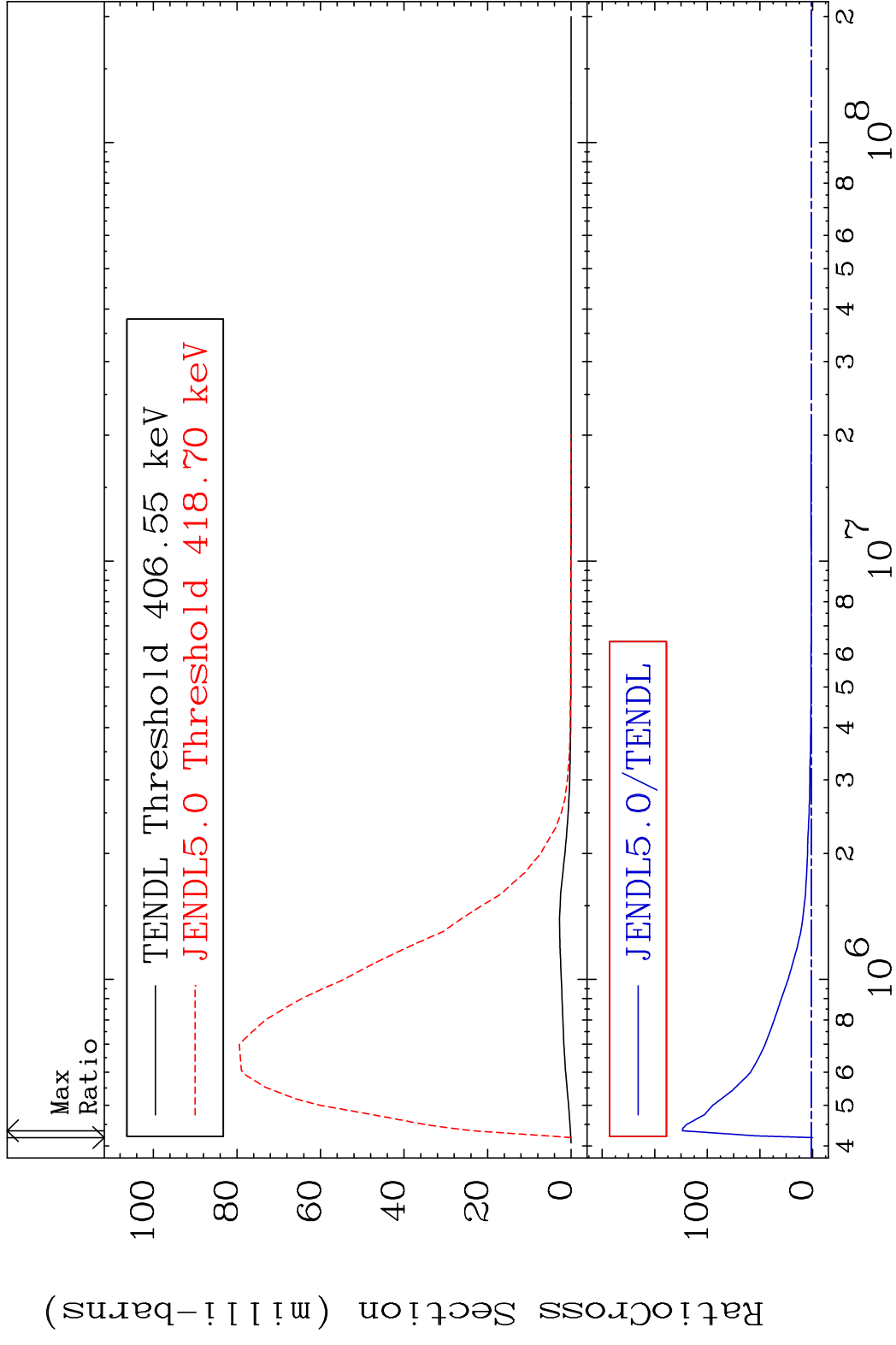


20 Incident Energy (eV) 96-Cm-247

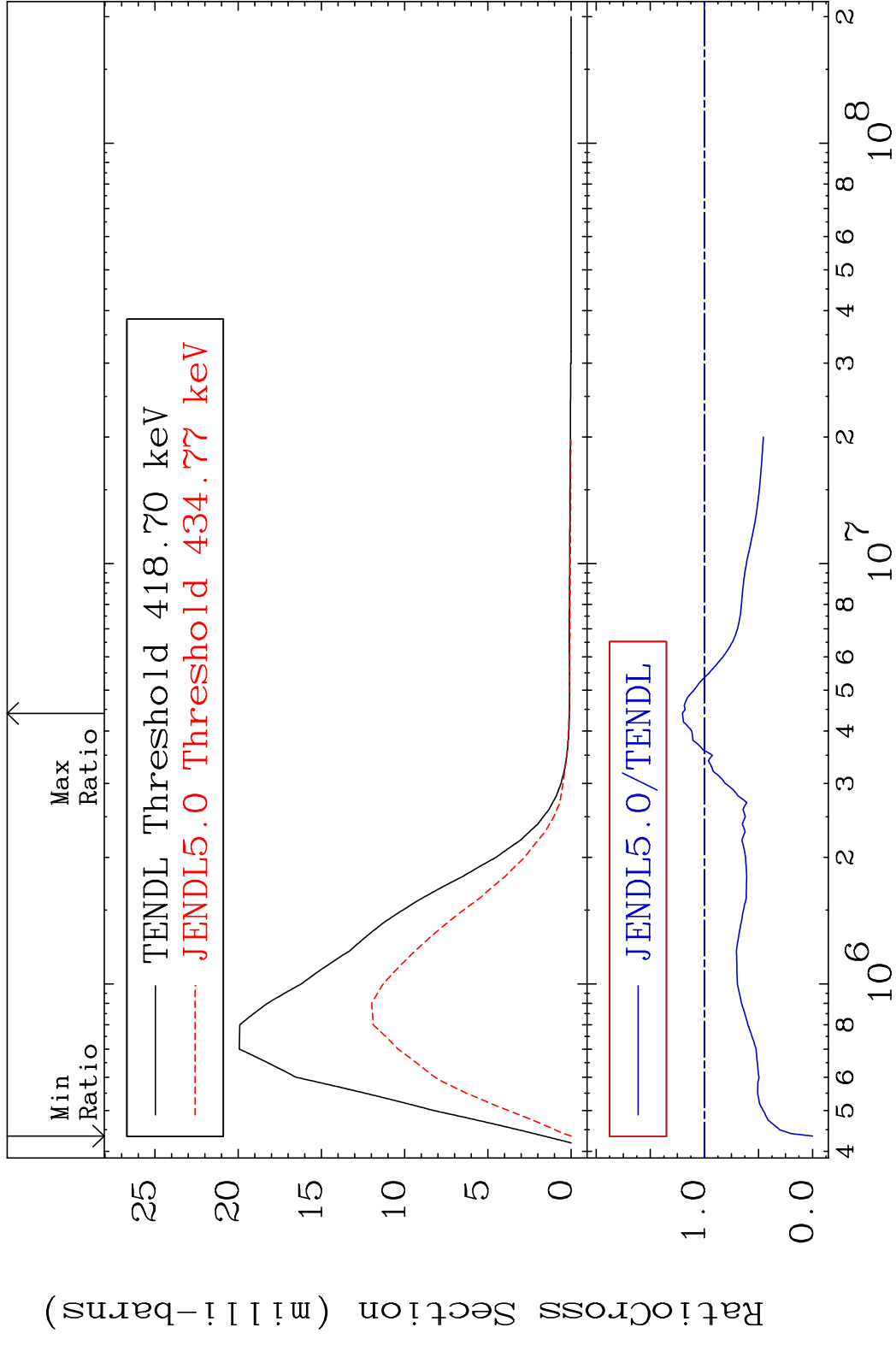
MAT 9646 MT= 64 (n,n') Level 96-Cm-247
 Cross Section -100.0 To -43.02%



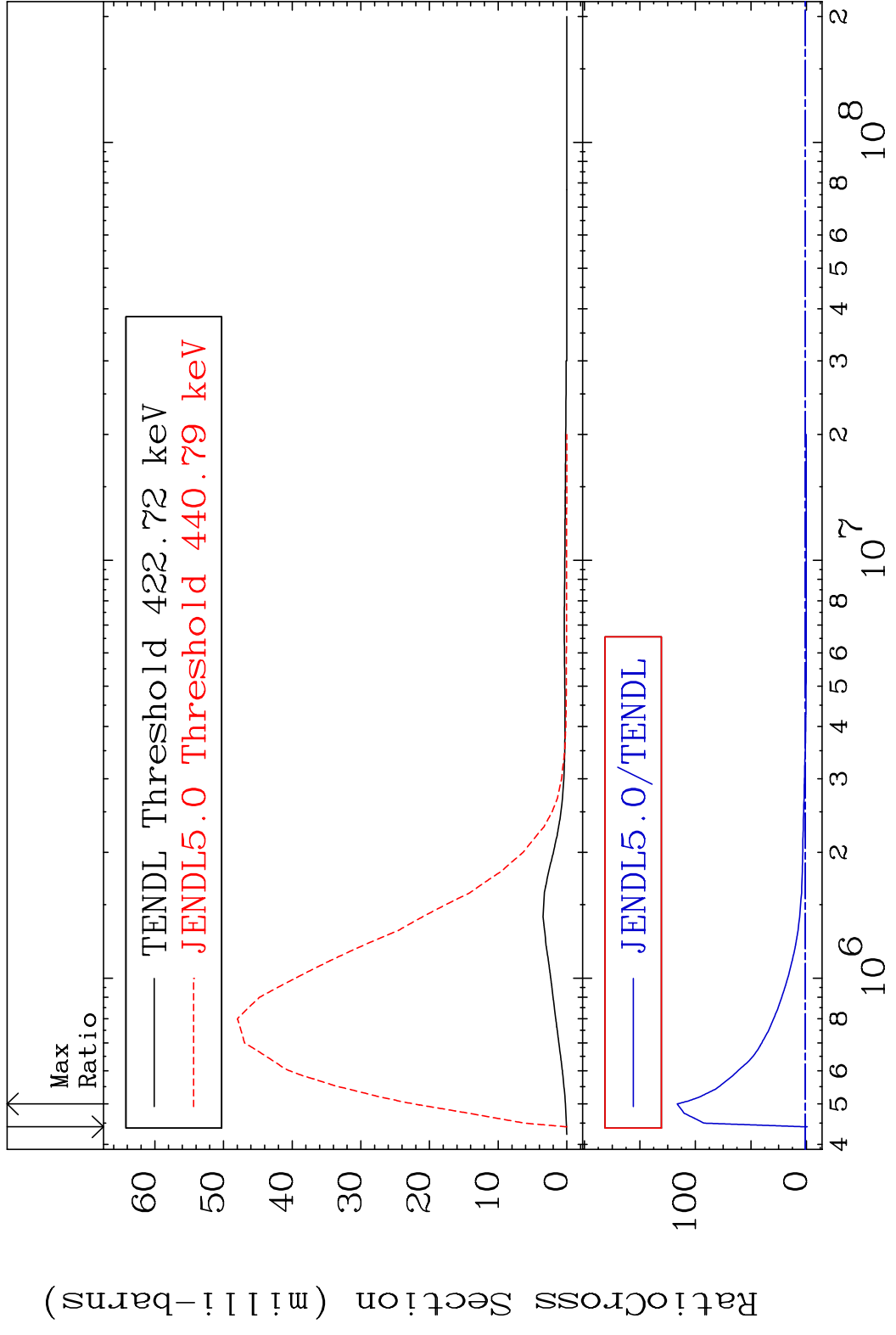
MAT 9646 MT= 65 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



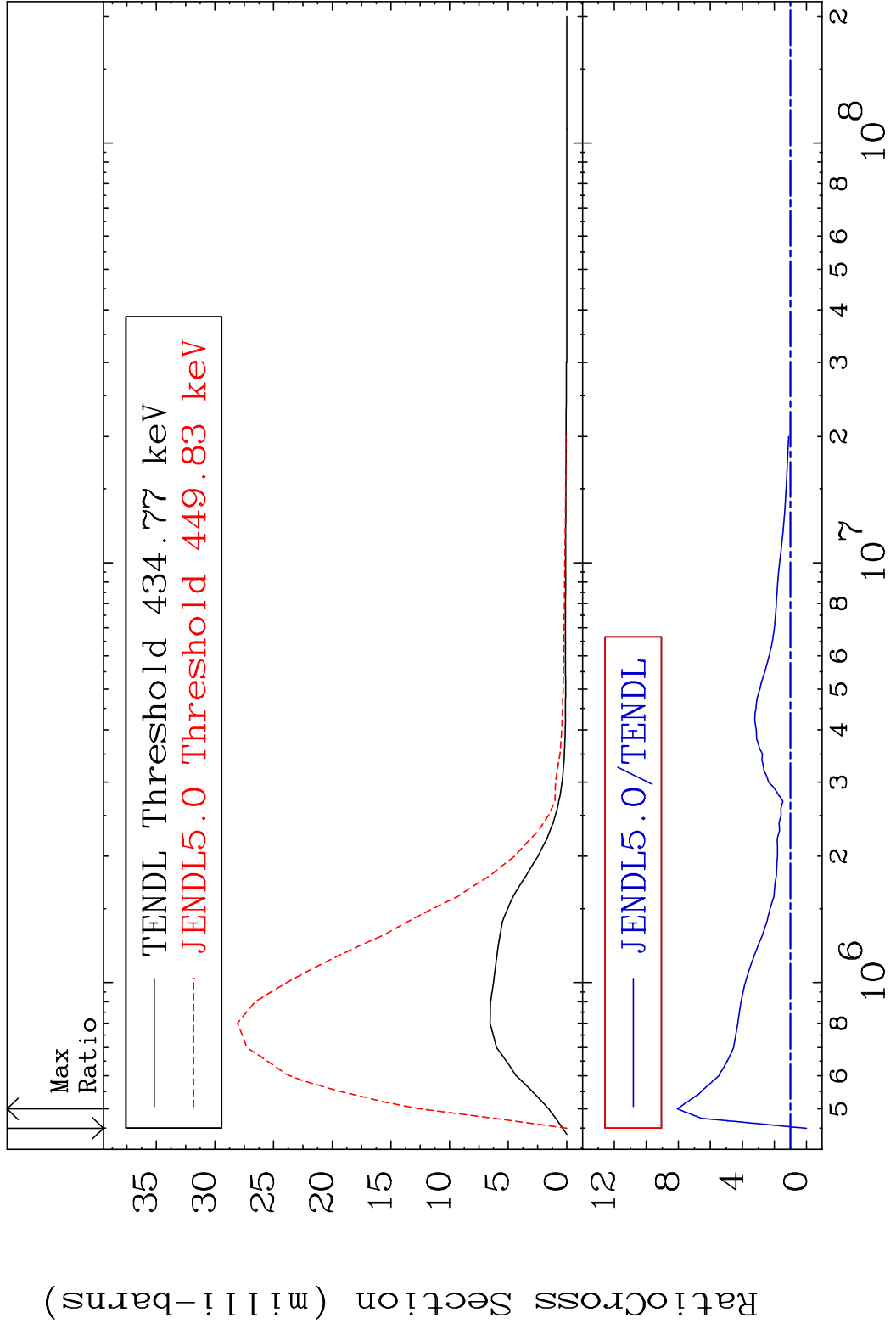
MAT 9646 MT= 66 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 20.37 %



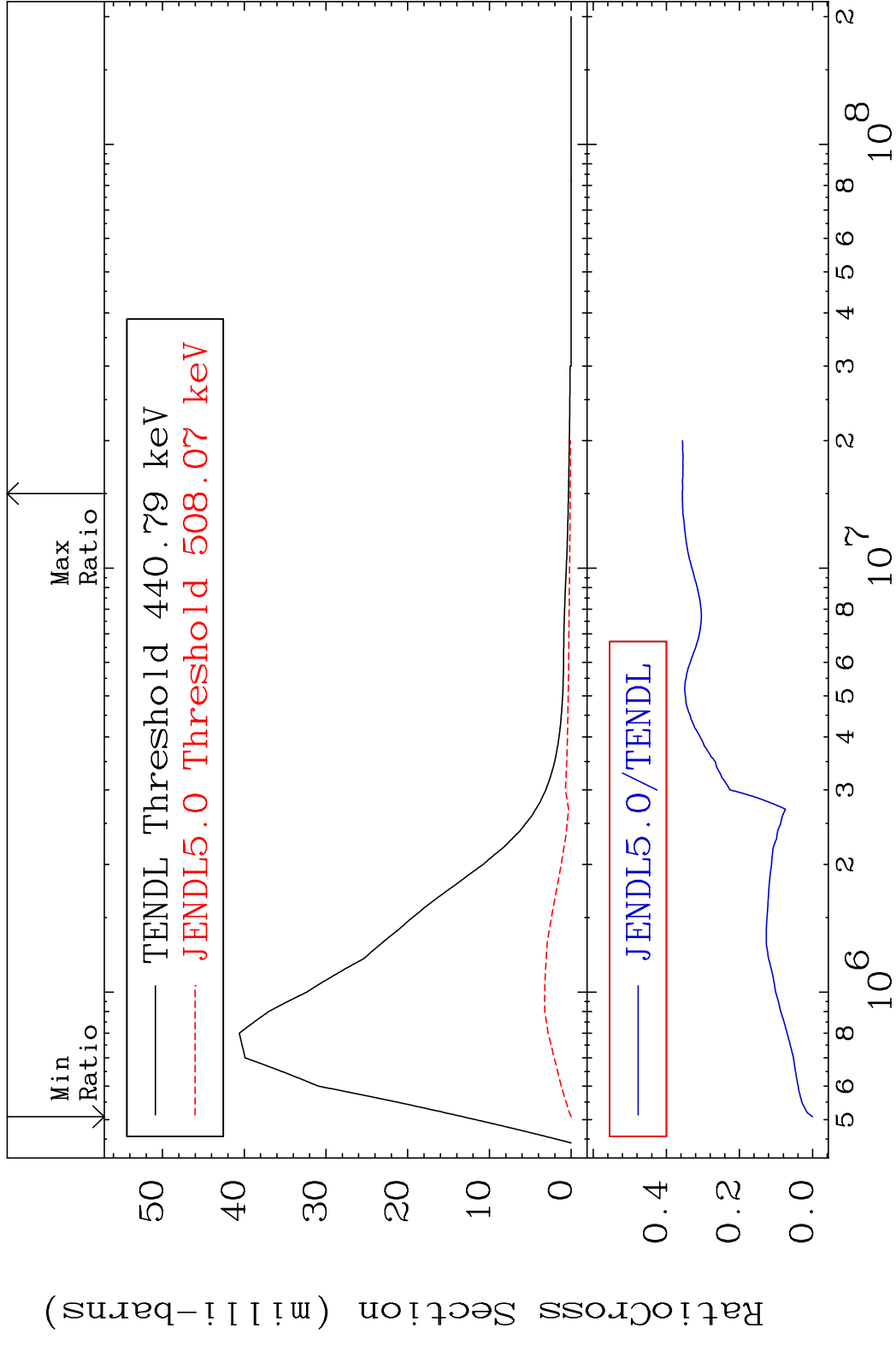
MAT 9646 MT= 67 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



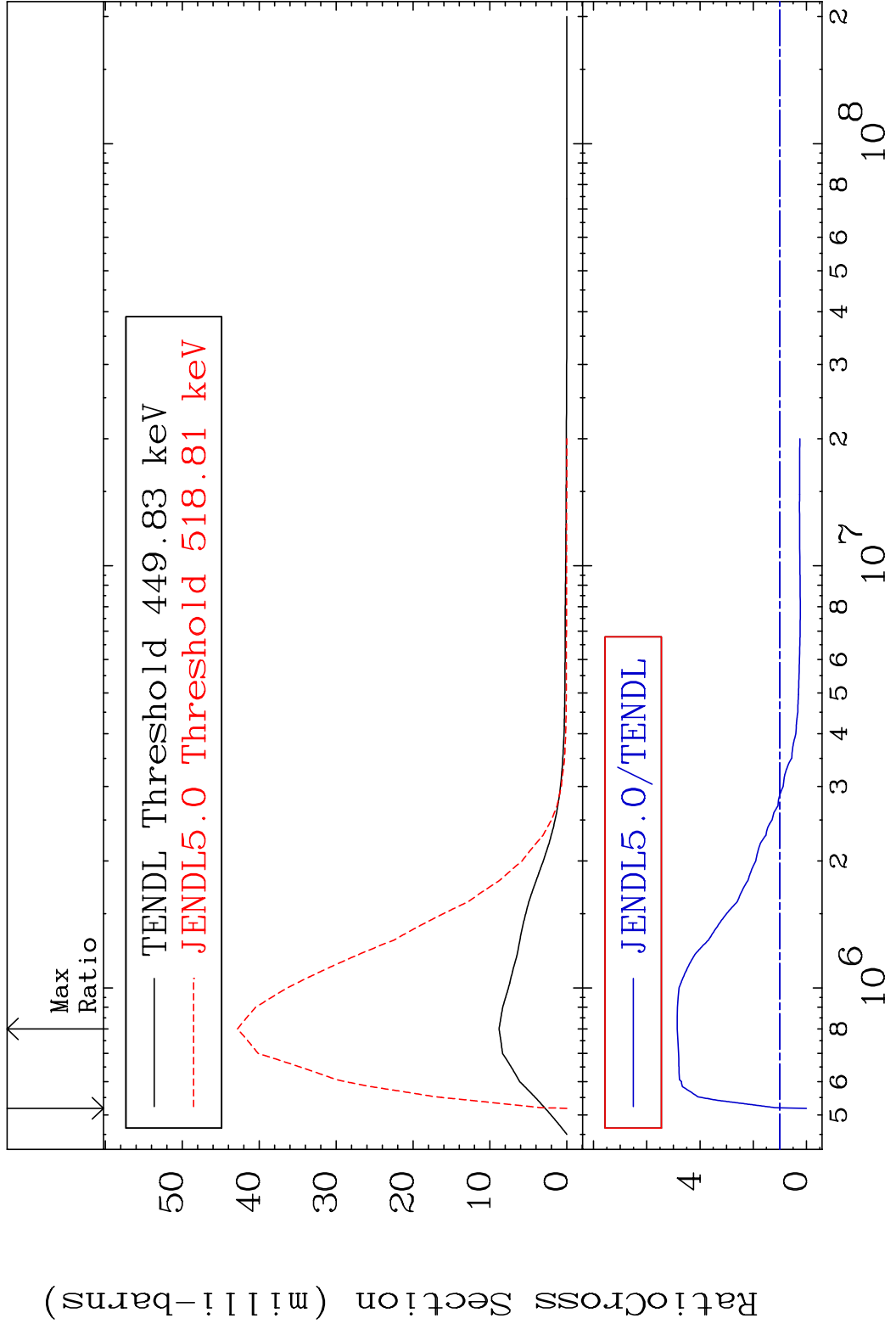
MAT 9646 MT= 68 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 707.0 %



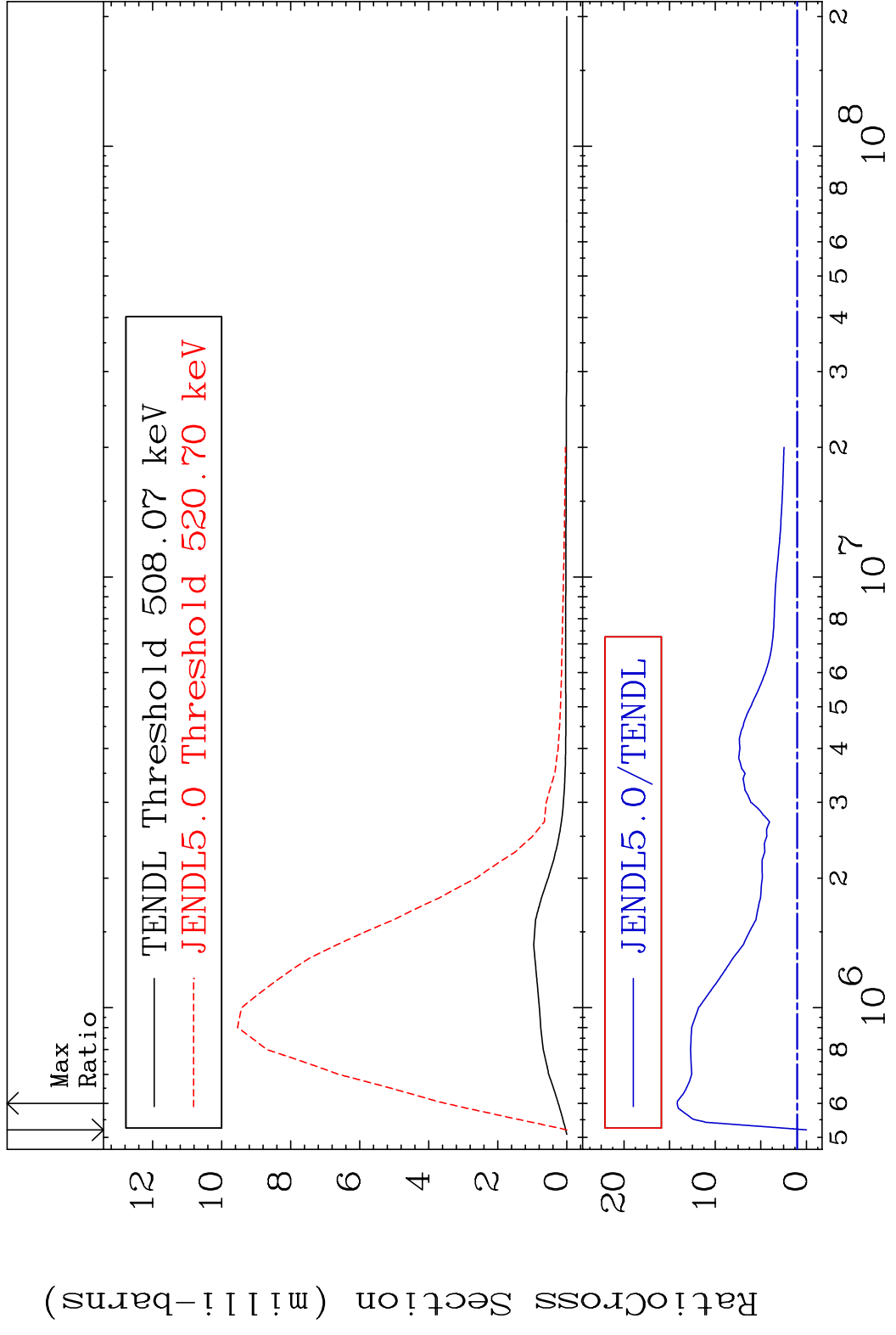
MAT 9646 MT= 69 (n, n') Level 96-Cm-247
 Cross Section -100.0 To -64.38%



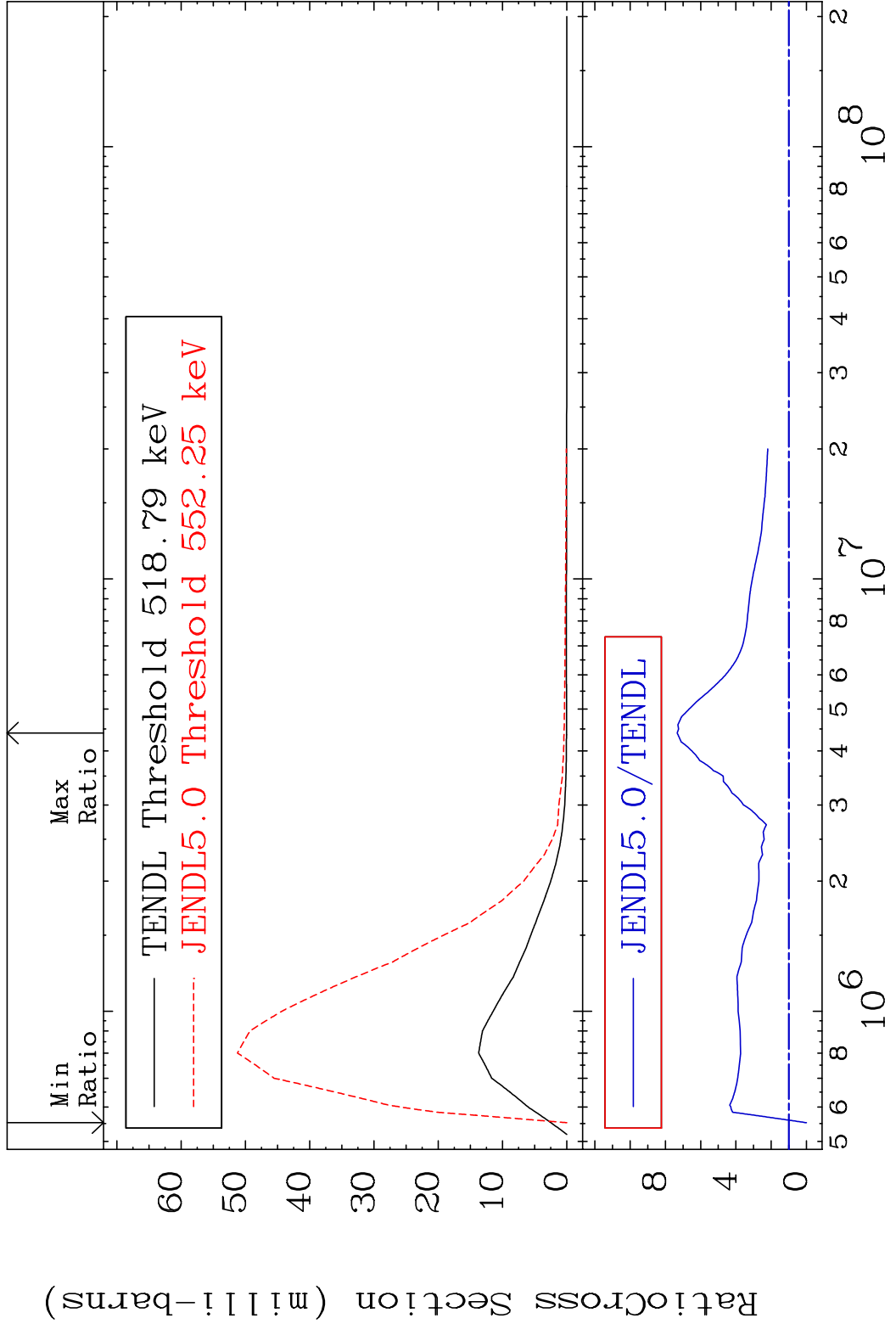
MAT 9646 MT= 70 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 385.7 %



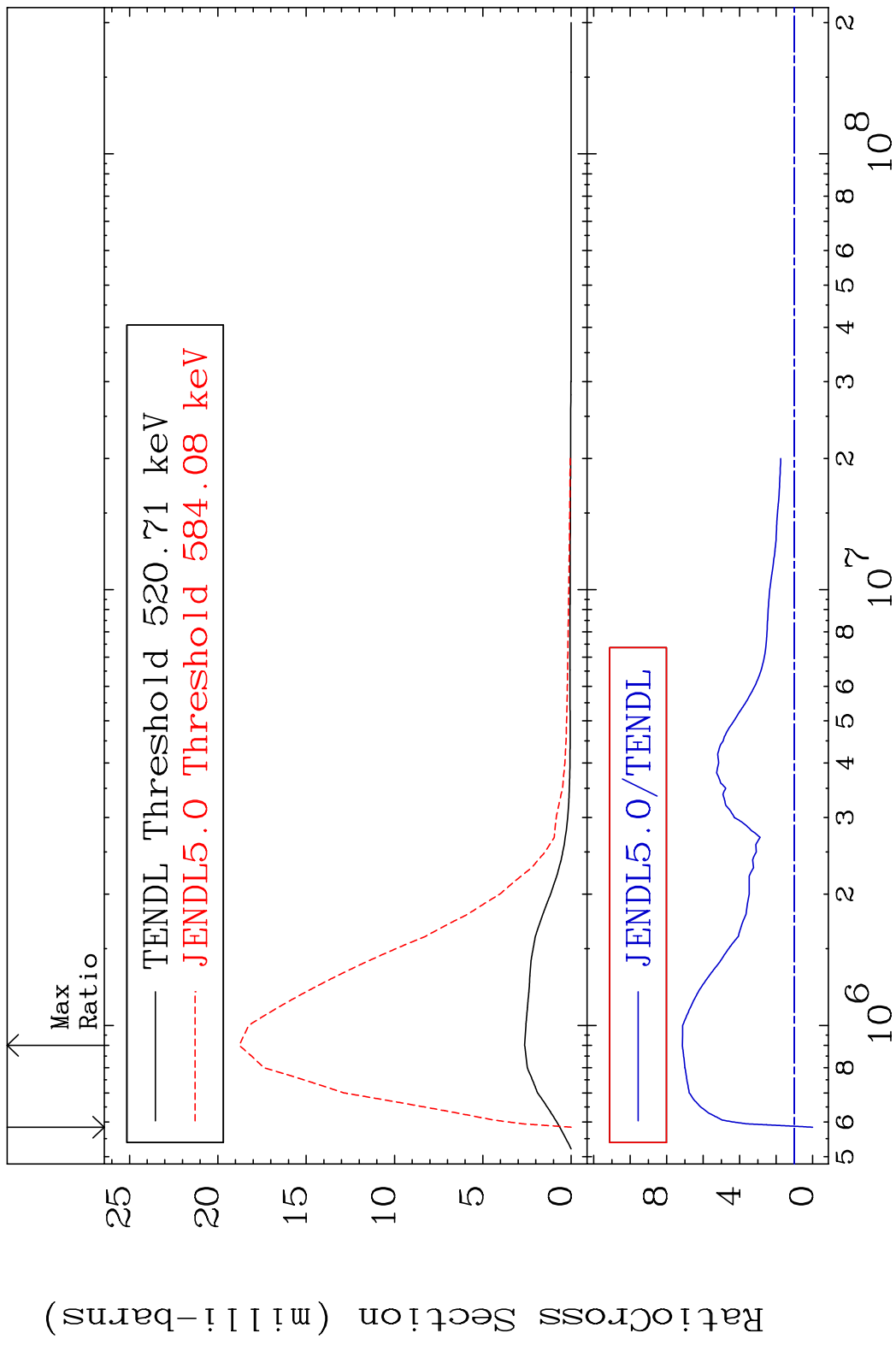
MAT 9646 MT= 71 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 1317. %



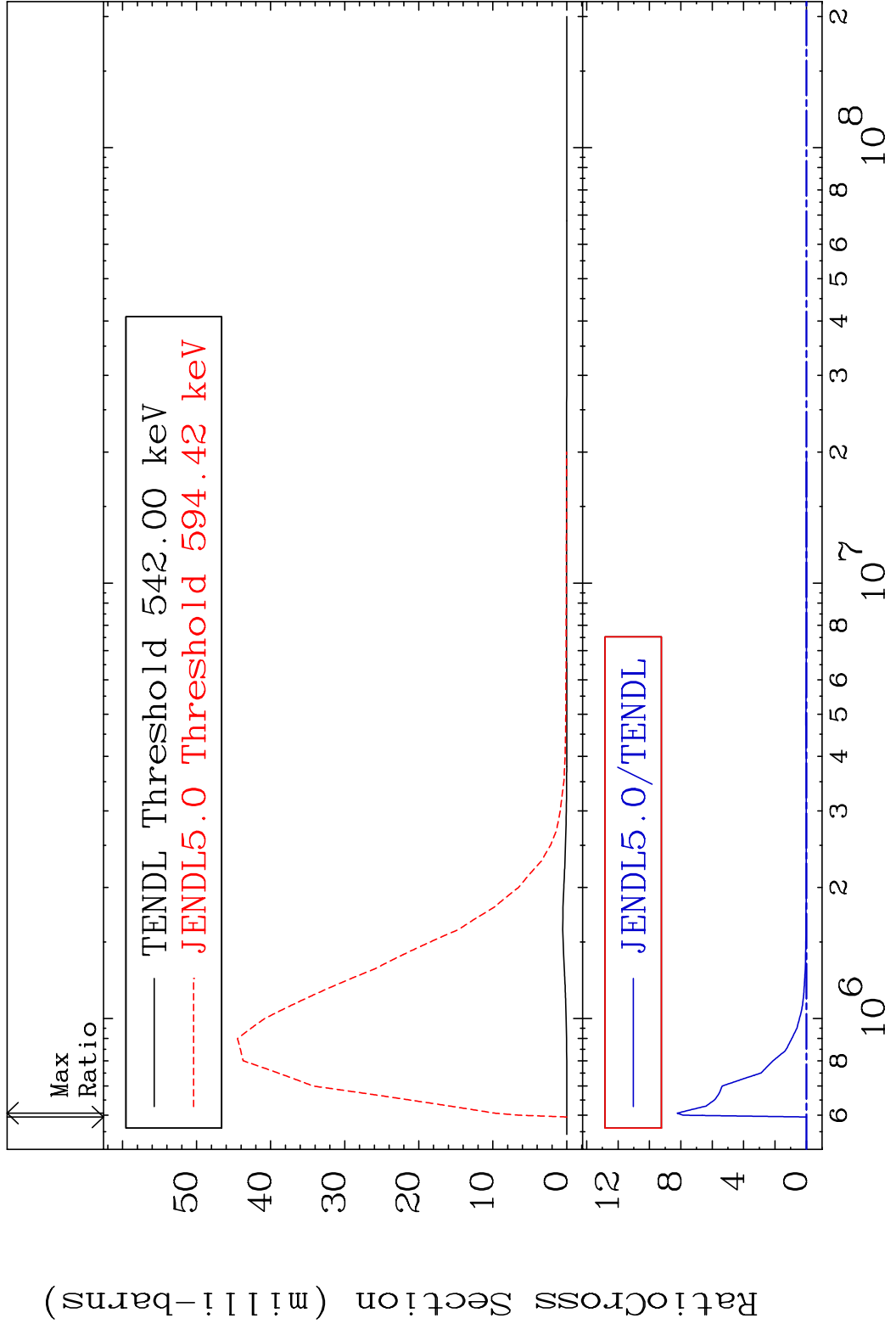
MAT 9646 MT= 72 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 633.2 %



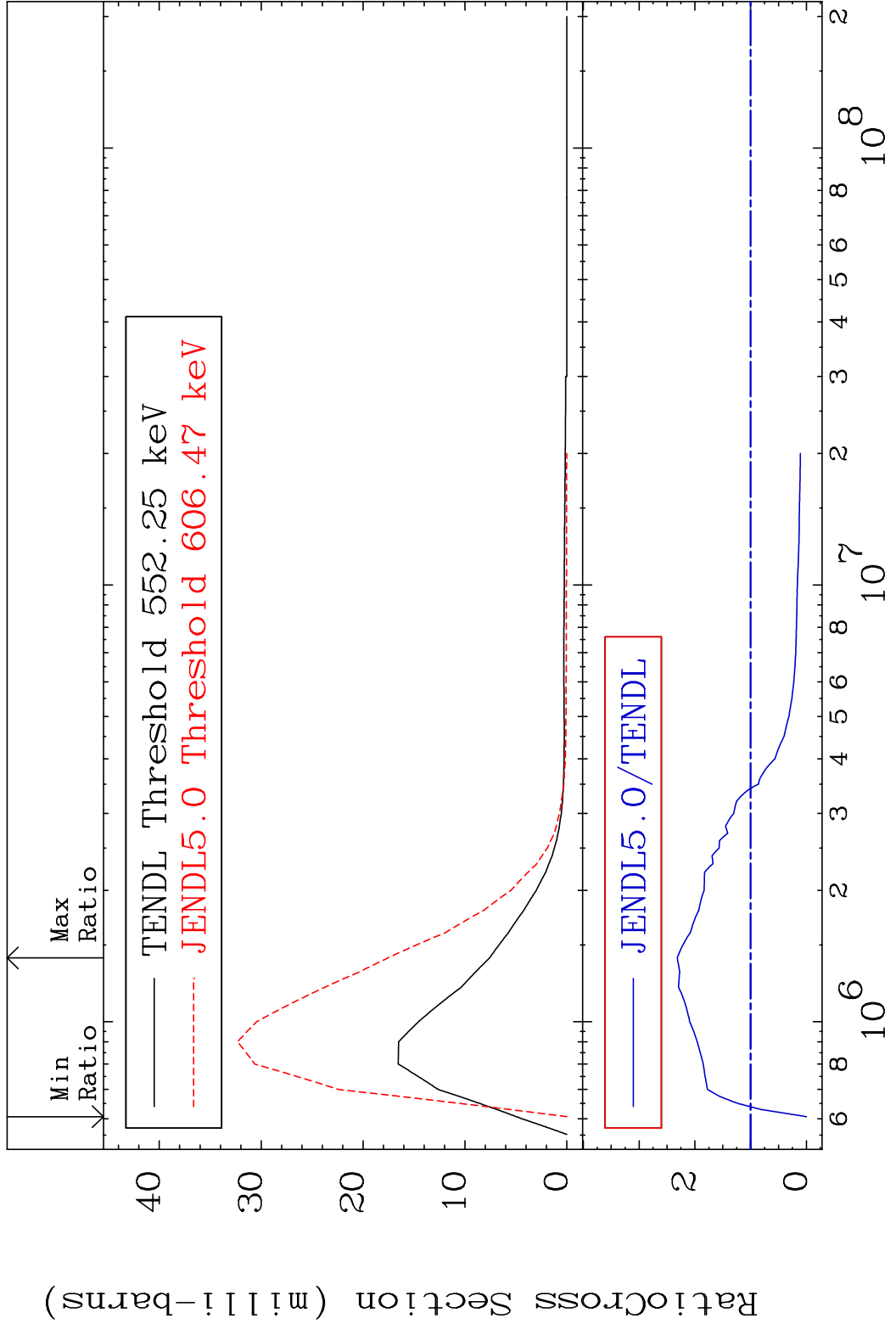
MAT 9646 MT= 73 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 613.9 %



MAT 9646 MT= 74 (n, n') Level 96-Cm-247
 Cross Section -100.0 To 9999. %



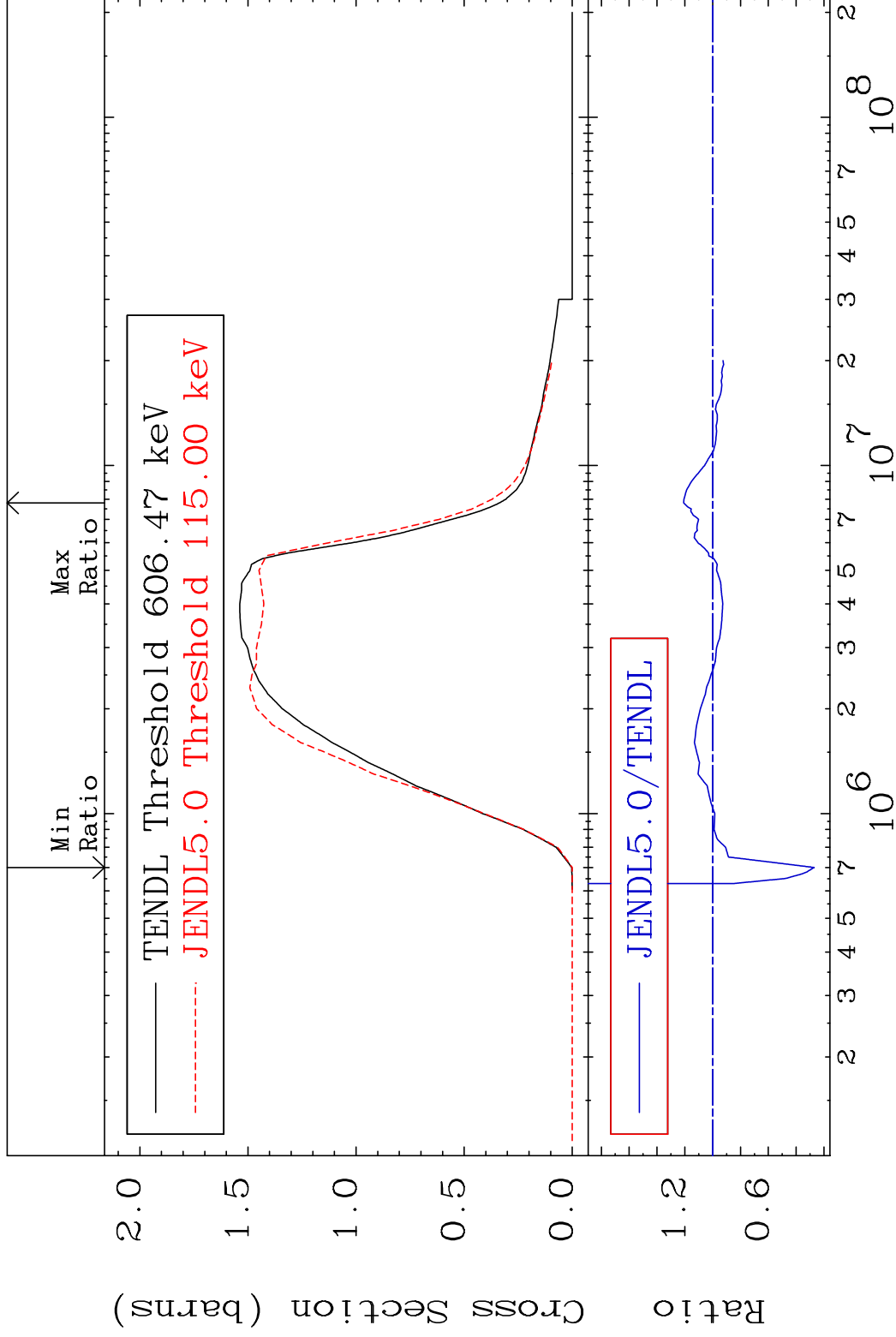
MAT 9646 MT= 75 (n,n') Level 96-Cm-247
 Cross Section -100.0 To 131.7 %



MAT 9646

(n, n') Continuum
Cross Section -72.89 To 20.84 %

96-Cm-247

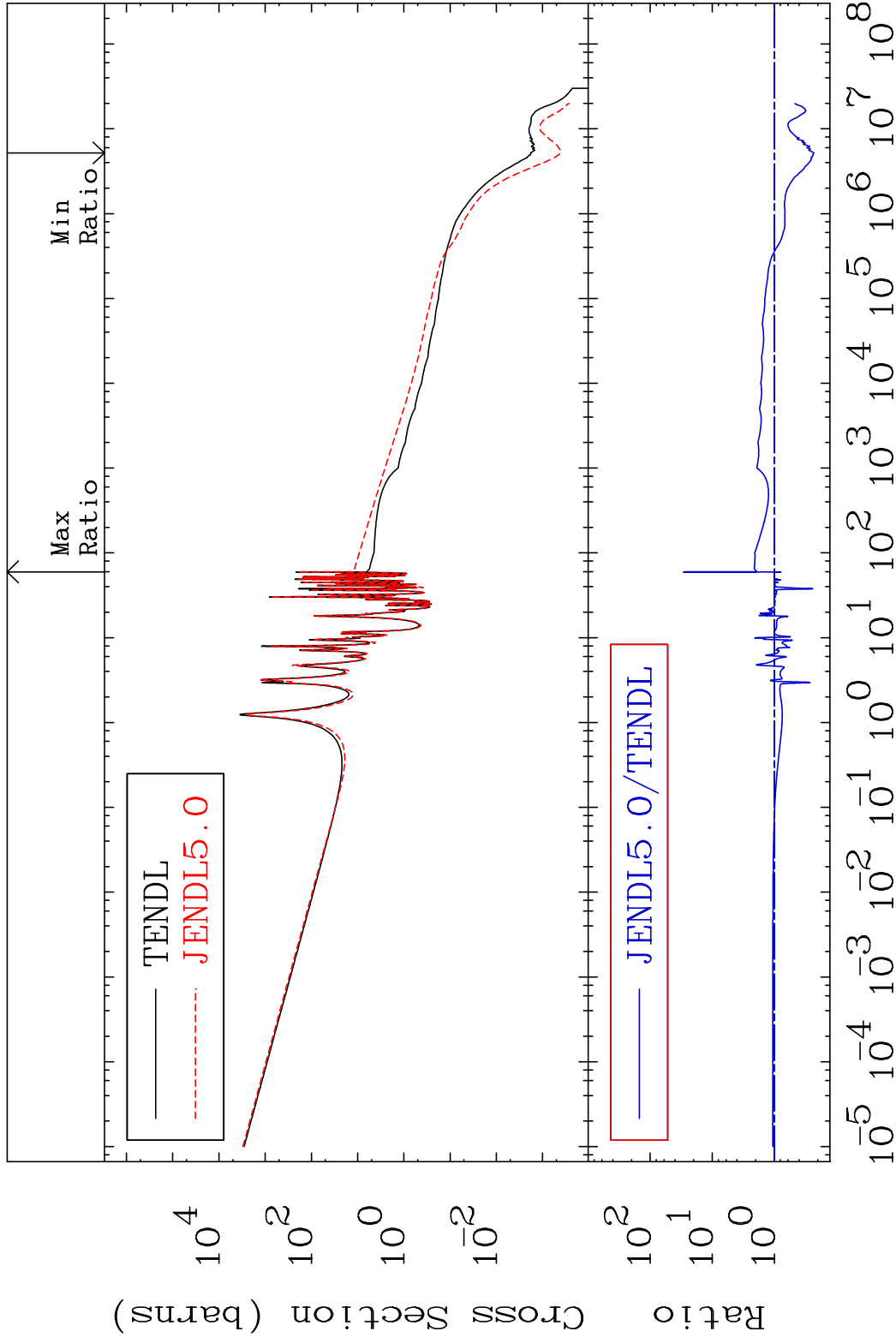


MAT 9646

(n, γ)

96-Cm-247

Cross Section -77.04 To 2794. %



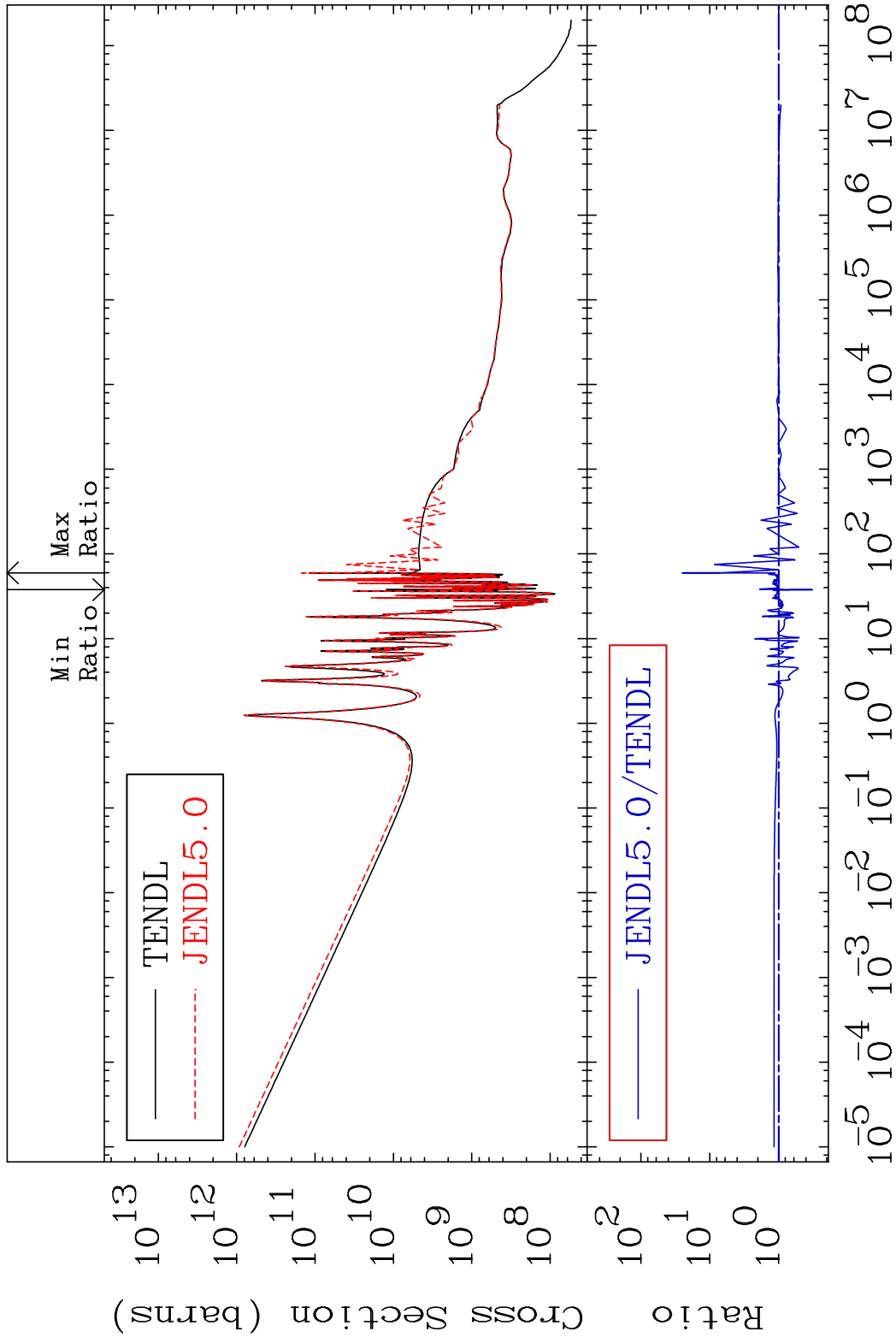
34

Incident Energy (eV)

96-Cm-247

MAT 9646

Kerma total (eV-barns) 96-Cm-247
Cross Section -67.79 To 2405. %



35

Incident Energy (eV)

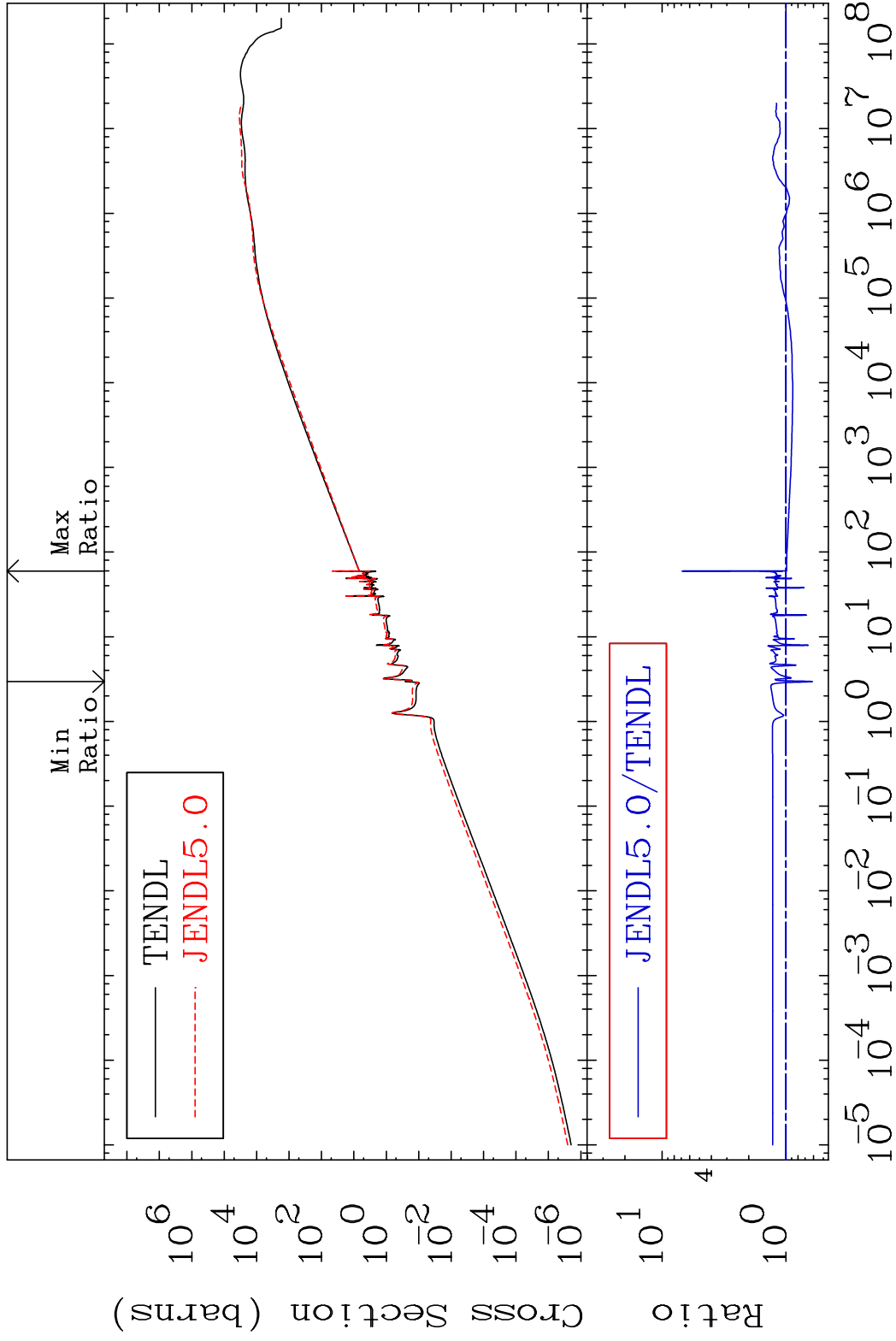
96-Cm-247

MAT 9646

Kerma elastic

96-Cm-247

Cross Section -39.01 To 587.0 %

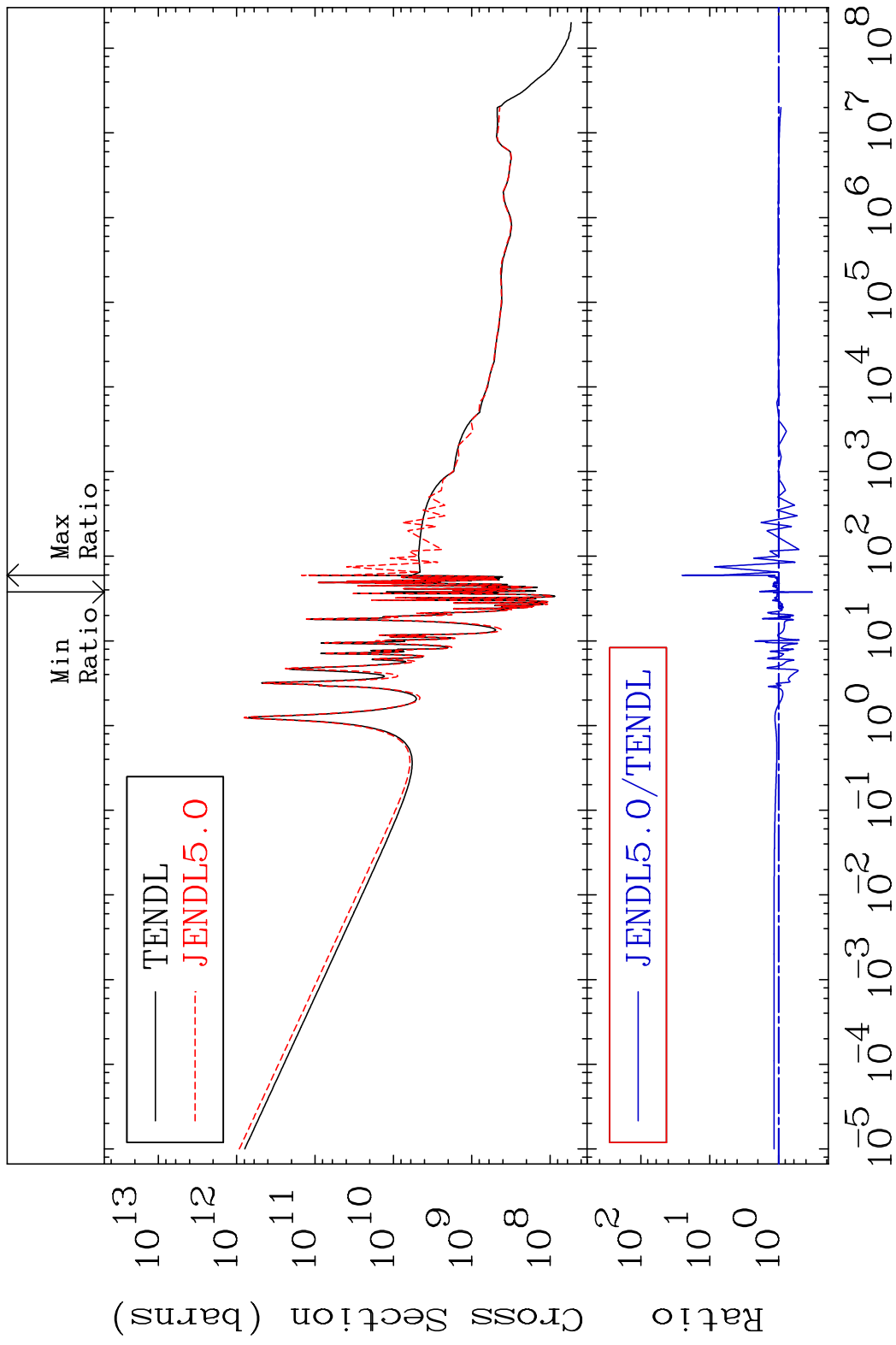


36

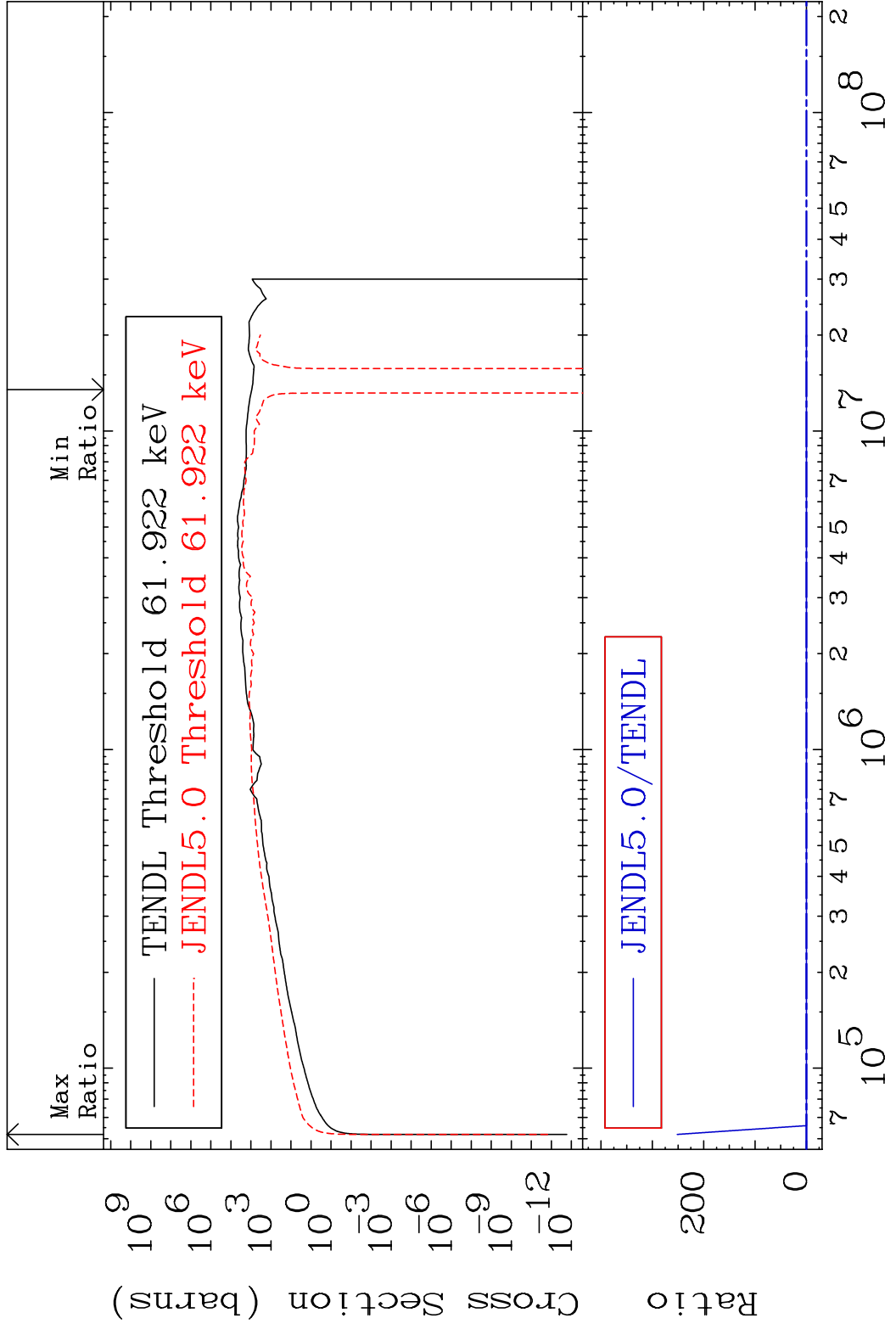
Incident Energy (eV)

96-Cm-247

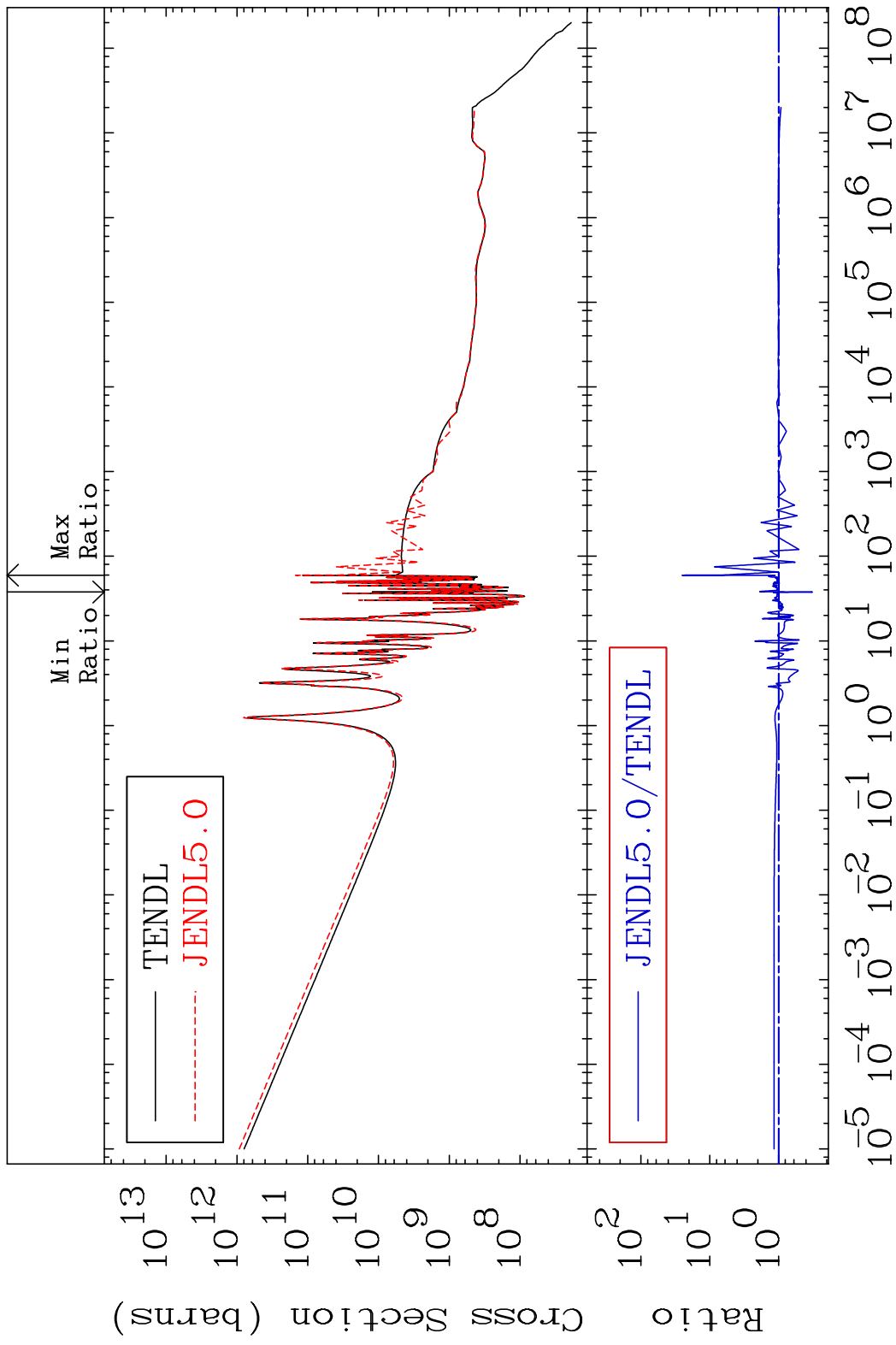
MAT 9646 Kerma non-elastic (all but mt2) 96-Cm-247
 Cross Section -67.79 To 2405. %



MAT 9646 Kerma inelastic (mt51-91) 96-Cm-247
 Cross Section -116.5 To 9999. %

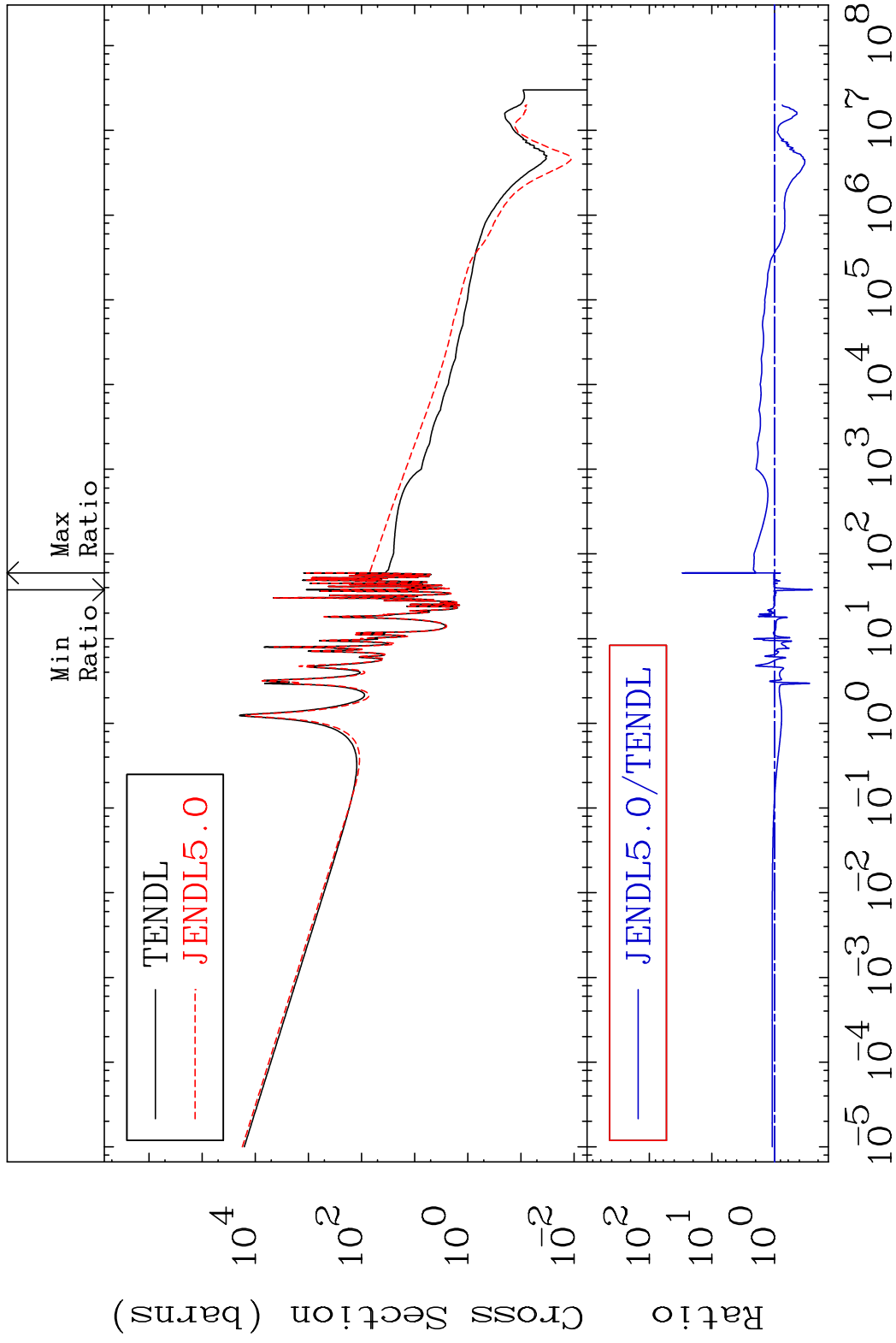


MAT 9646 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-247
 Cross Section -67.79 To 2405. %



MAT 9646

Kerma capture (mt102) 96-Cm-247
Cross Section -75.44 To 2865. %

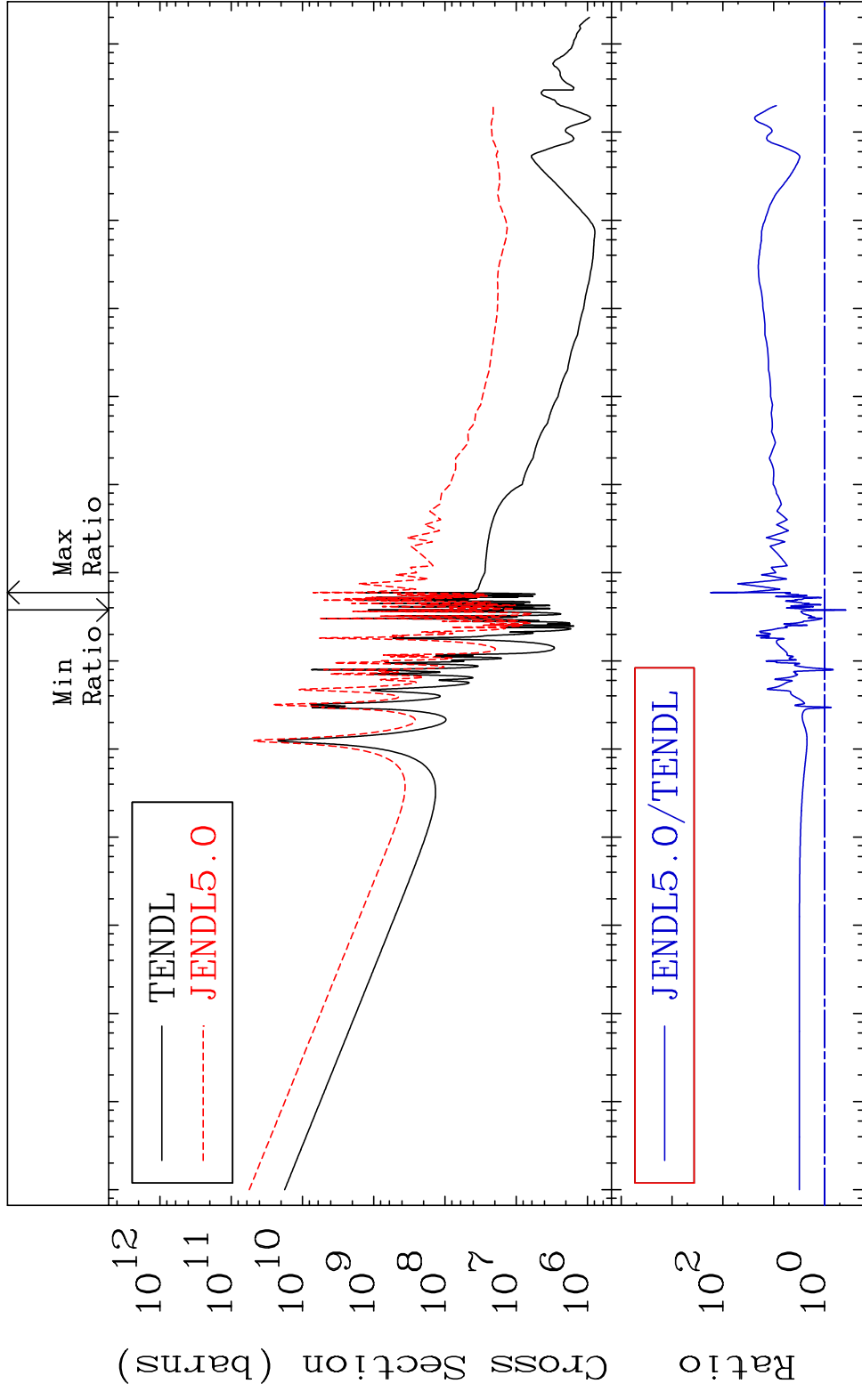


40

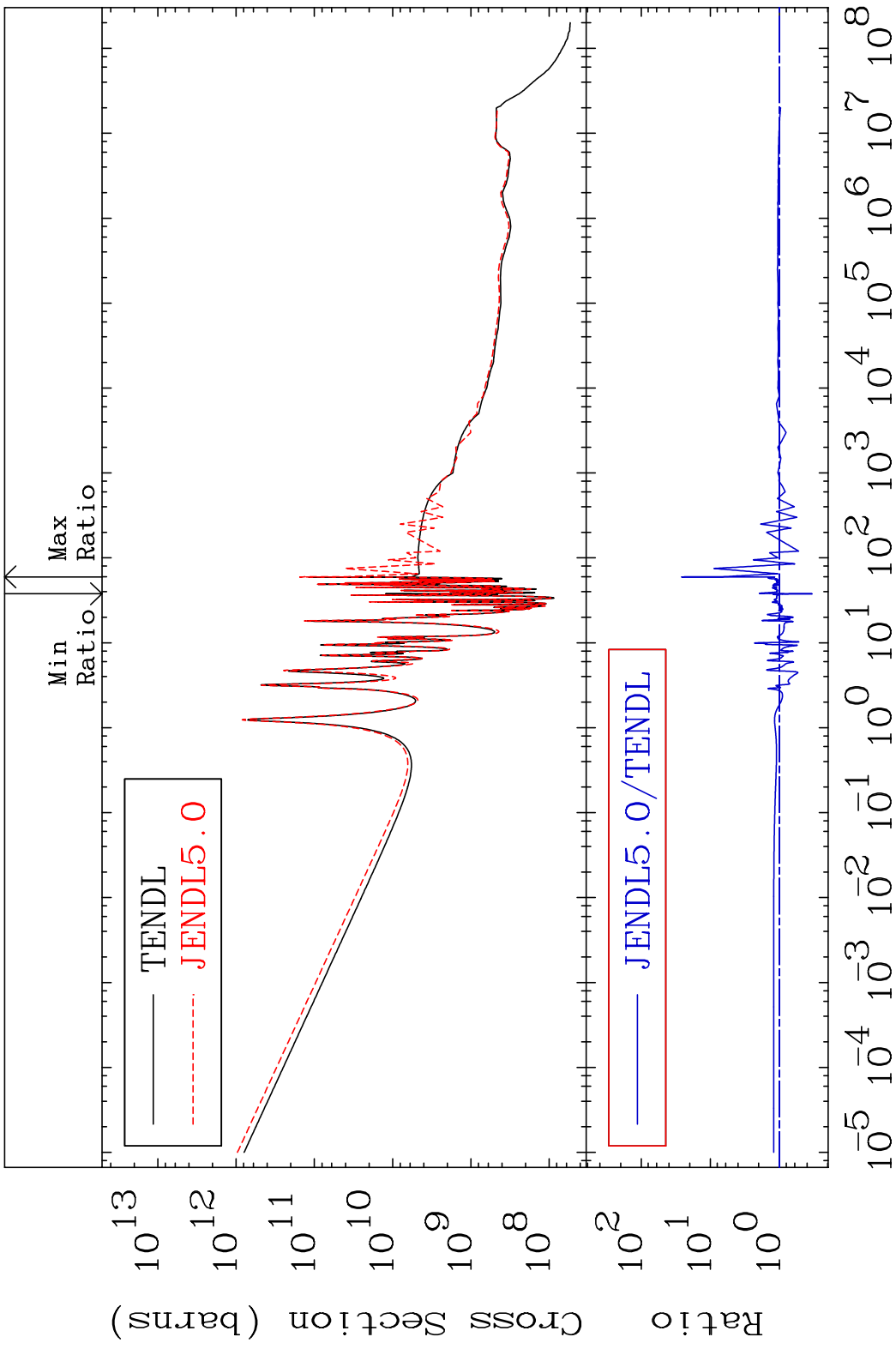
Incident Energy (eV)

96-Cm-247

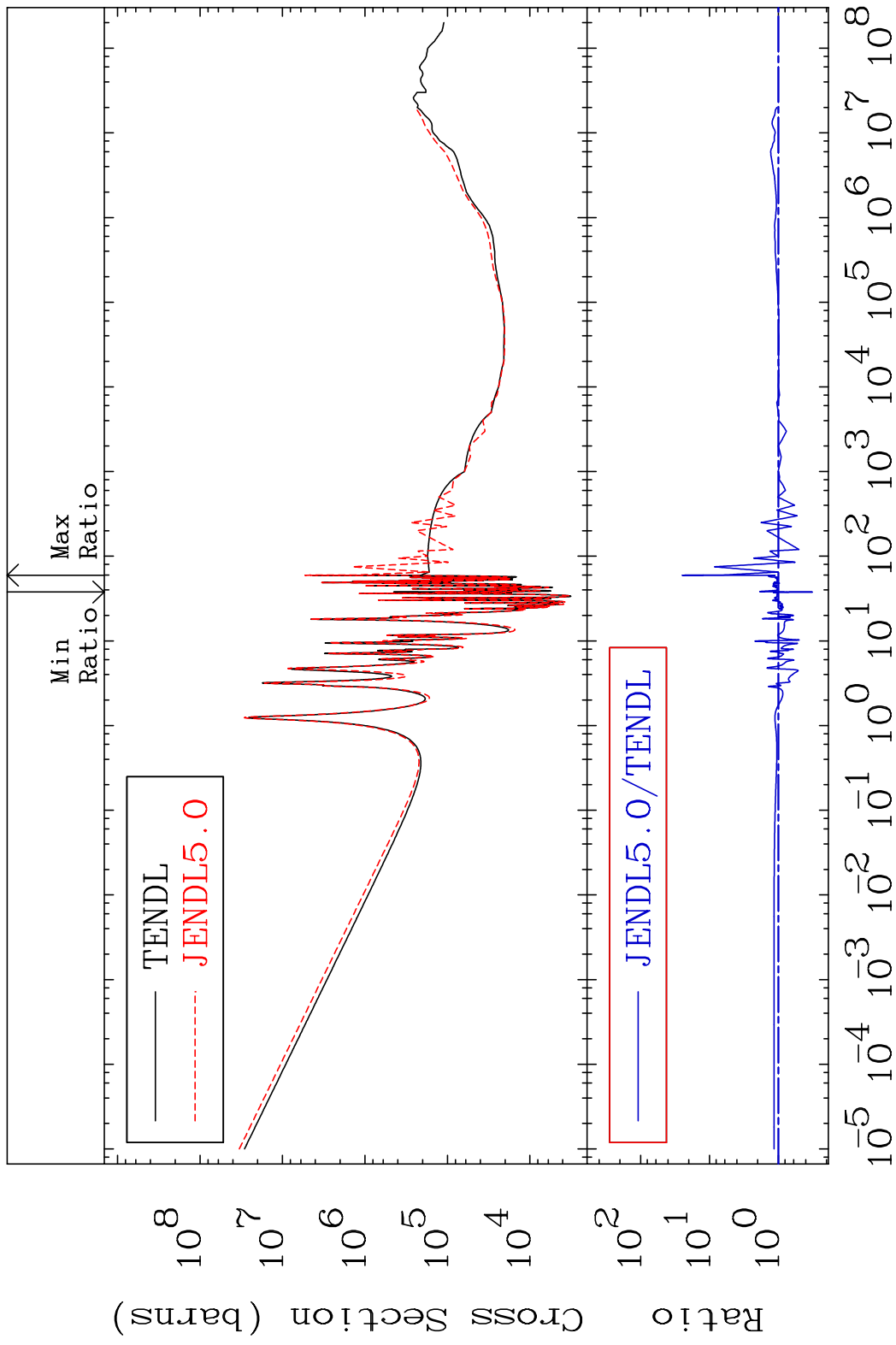
MAT 9646 Total photon (eV-barns) 96-Cm-247
Cross Section -62.78 To 9999. %



MAT 9646 Total kinematic kerma (high limit) 96-Cm-247
Cross Section -66.50 To 2505. %



MAT 9646 Dpa total (eV-barns) 96-Cm-247
Cross Section -68.20 To 2373. %



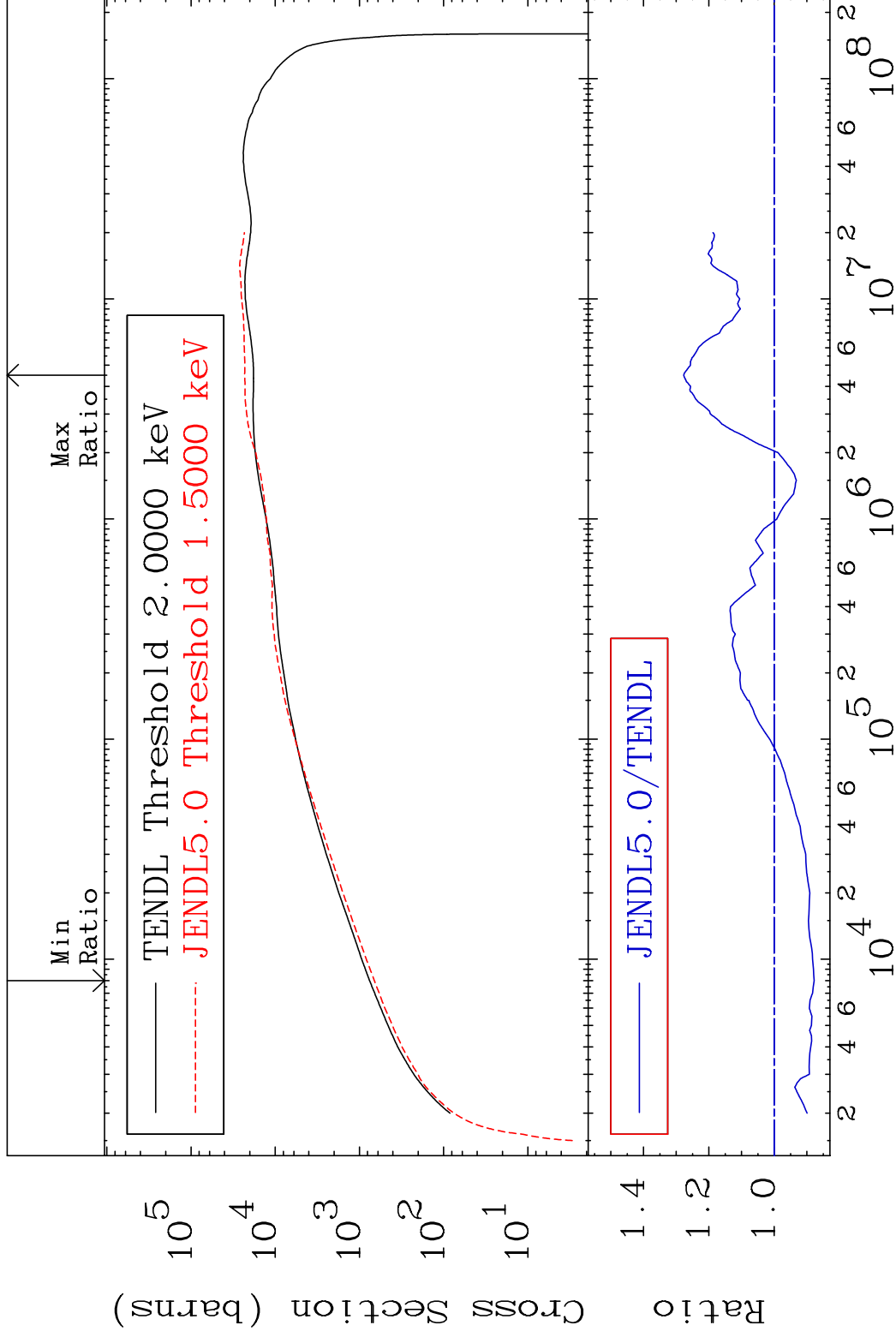
43 Incident Energy (eV) 96-Cm-247

MAT 9646

Dpa elastic (mt2)

96-Cm-247

Cross Section -12.21 To 27.72 %

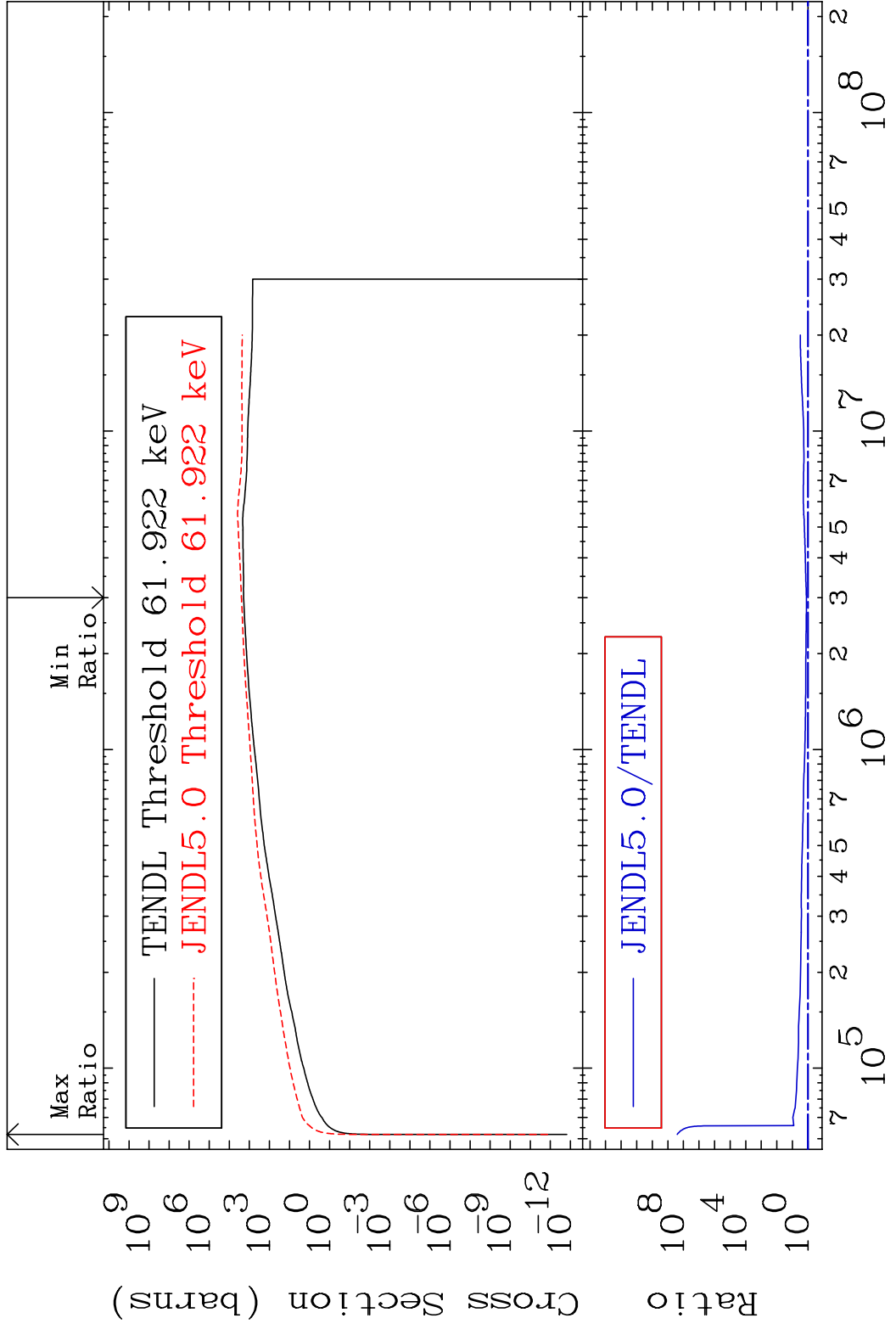


44

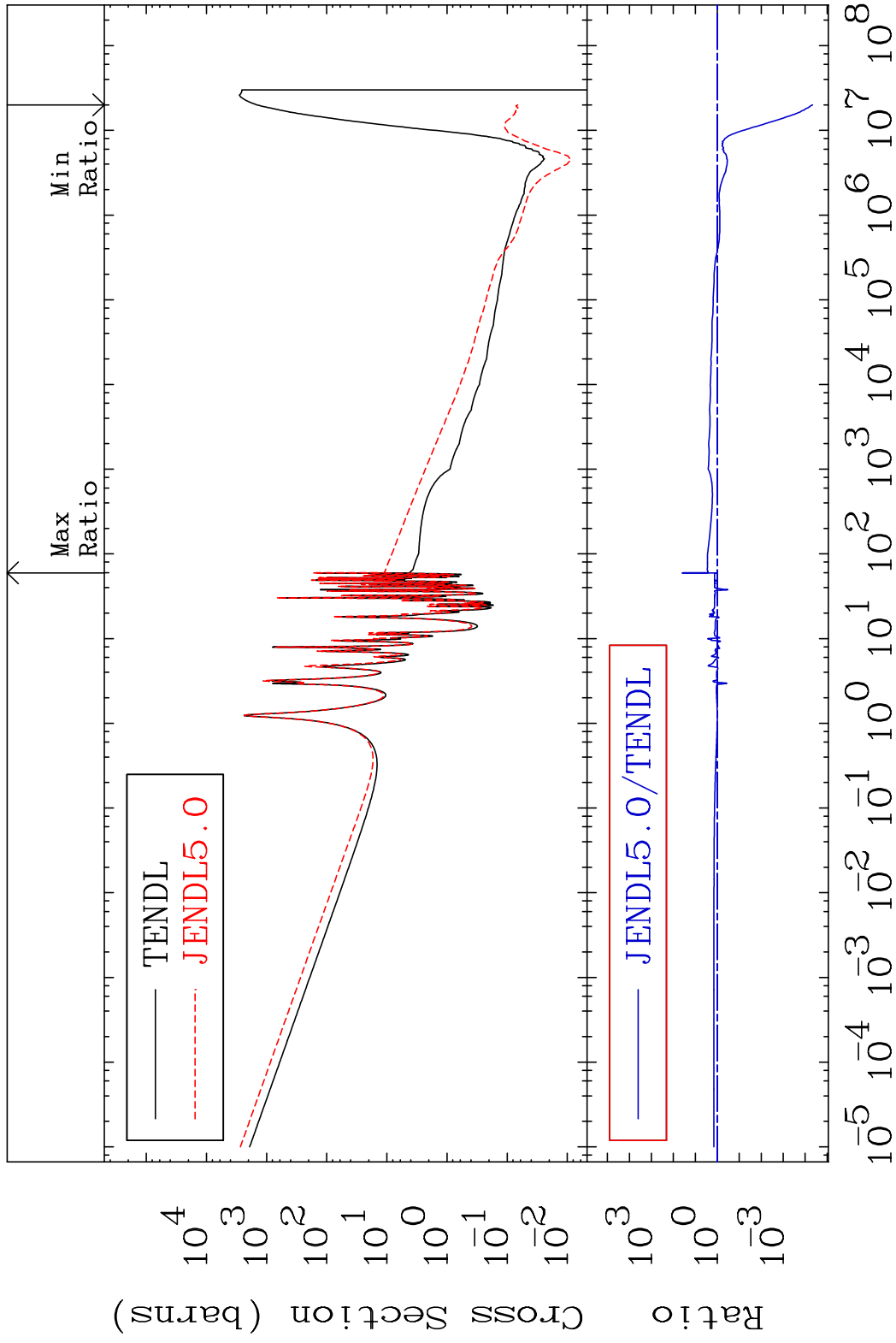
Incident Energy (eV)

96-Cm-247

MAT 9646 Dpa inelastic (mt51-91) 96-Cm-247
 Cross Section 27.00 To 9999. %

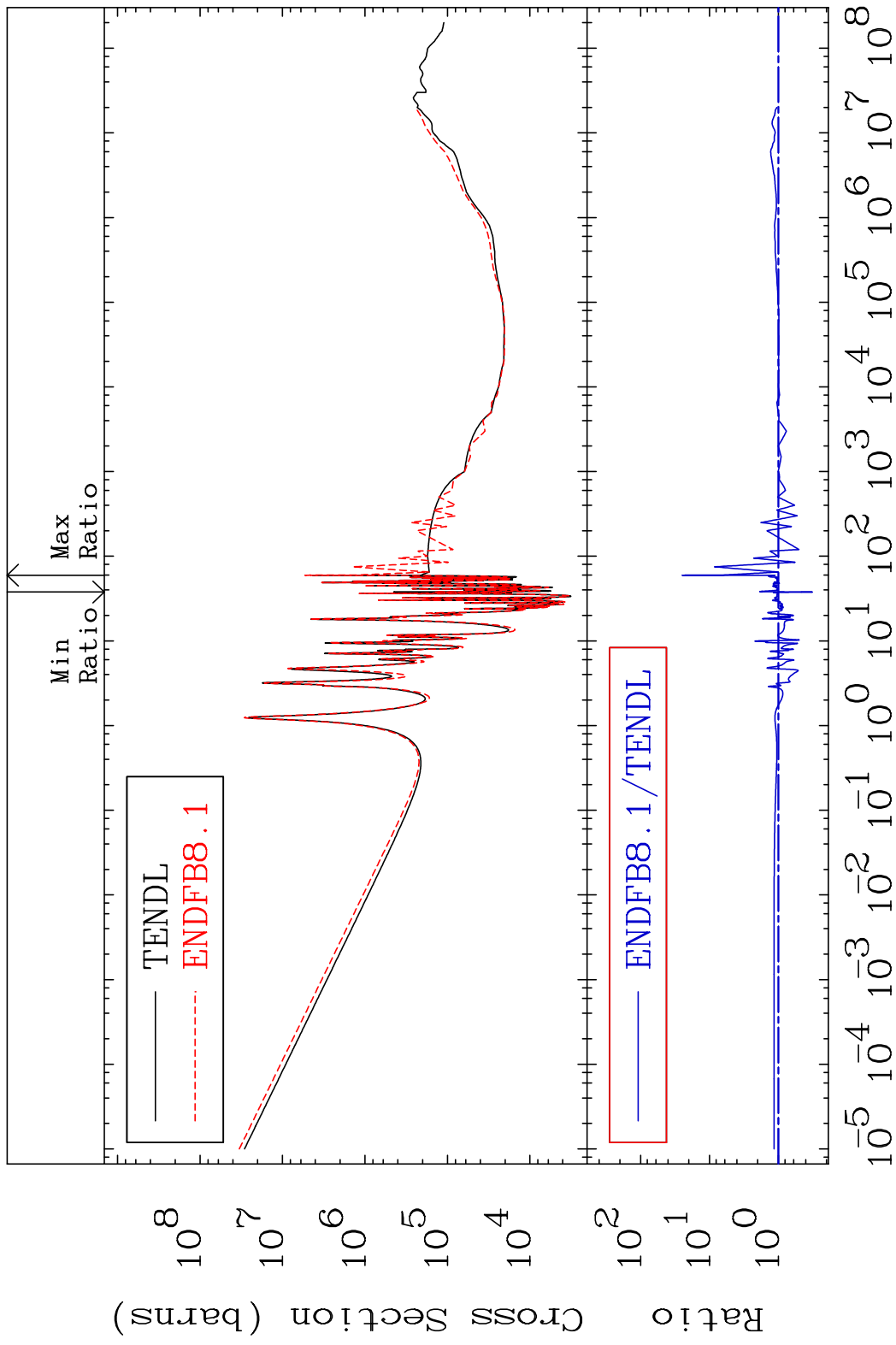


MAT 9646 Dpa disappearance (mt102 -120) 96-Cm-247
 Cross Section -100.0 To 3792. %



46 Incident Energy (eV) 96-Cm-247

MAT 9646 Dpa total (eV-barns) 96-Cm-247
Cross Section -68.20 To 2373. %

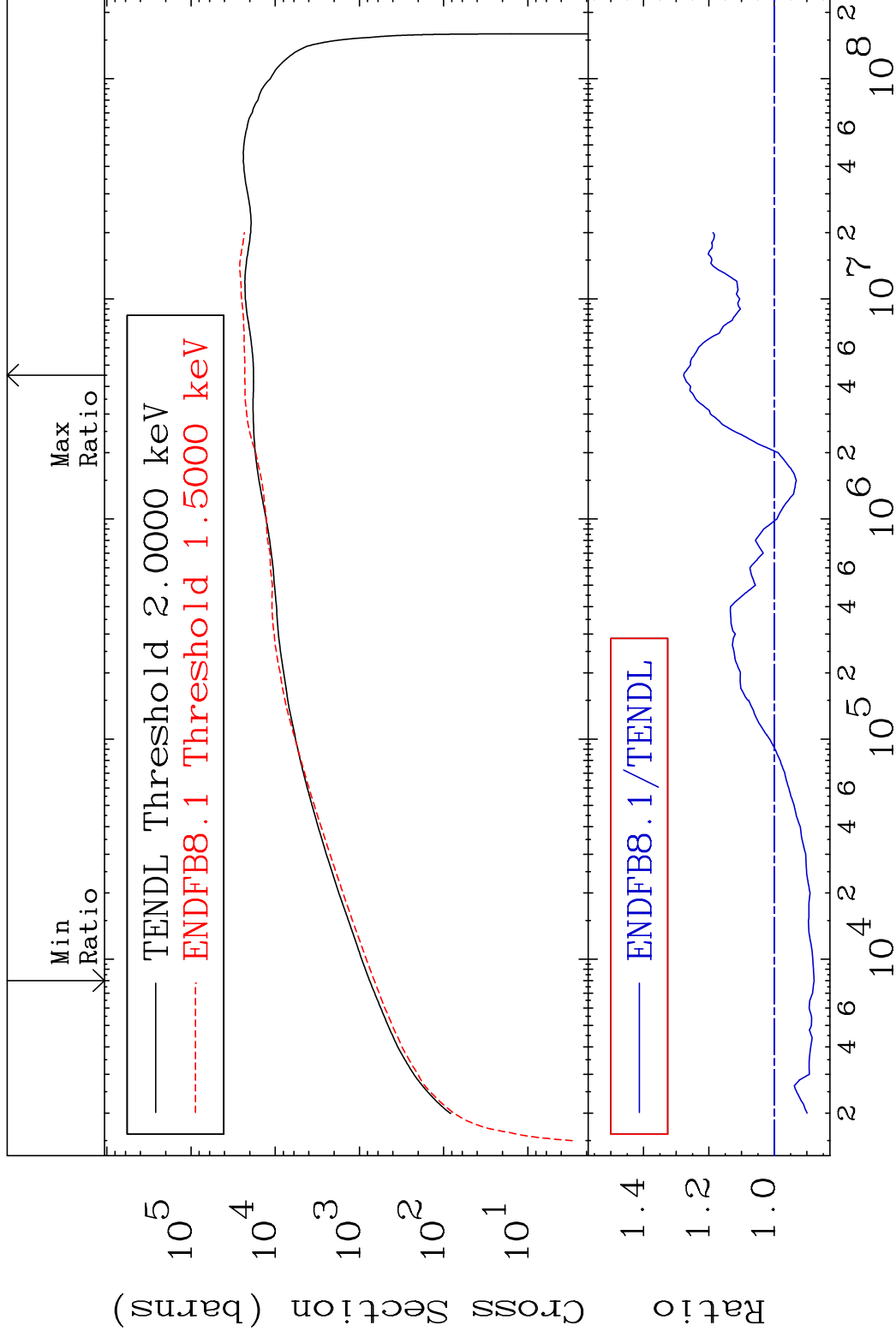


MAT 9646

Dpa elastic (mt2)

96-Cm-247

Cross Section -12.19 To 27.72 %

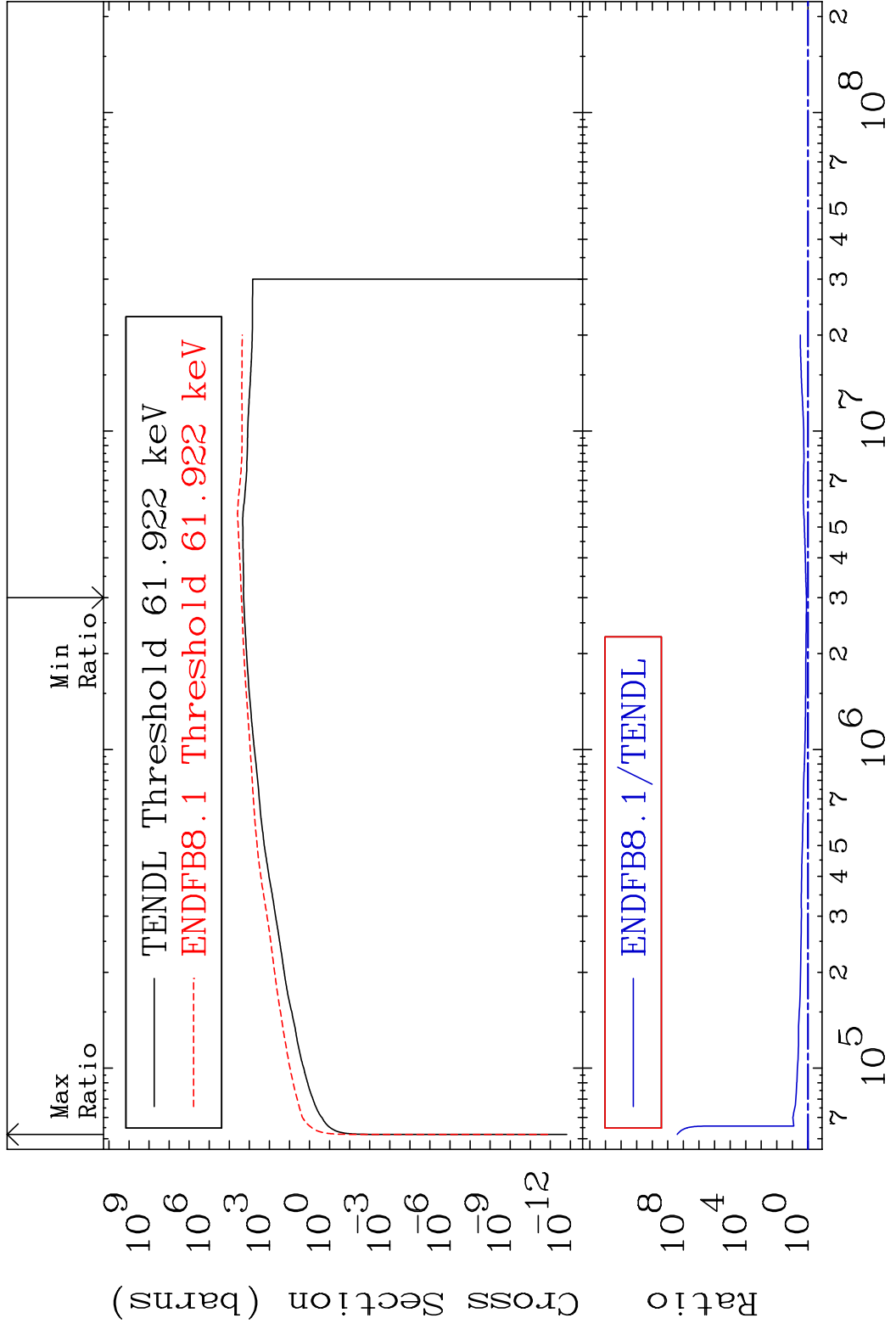


48

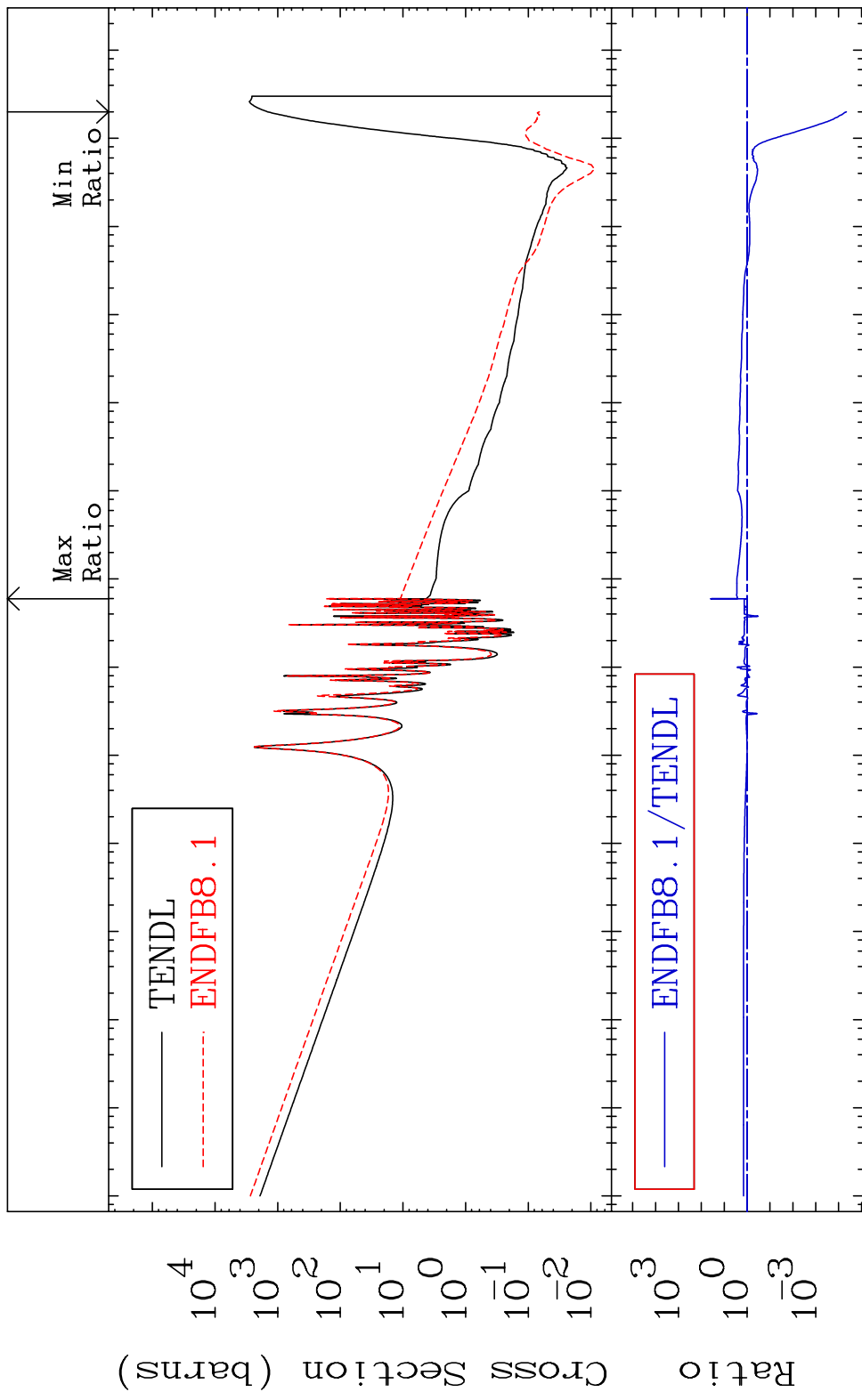
Incident Energy (eV)

96-Cm-247

MAT 9646 Dpa inelastic (mt51-91) 96-Cm-247
 Cross Section 27.00 To 9999. %



MAT 9646 Dpa disappearance (mt102 -120) 96-Cm-247
 Cross Section -100.0 To 3792. %



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

50 Incident Energy (eV) 96-Cm-247