

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

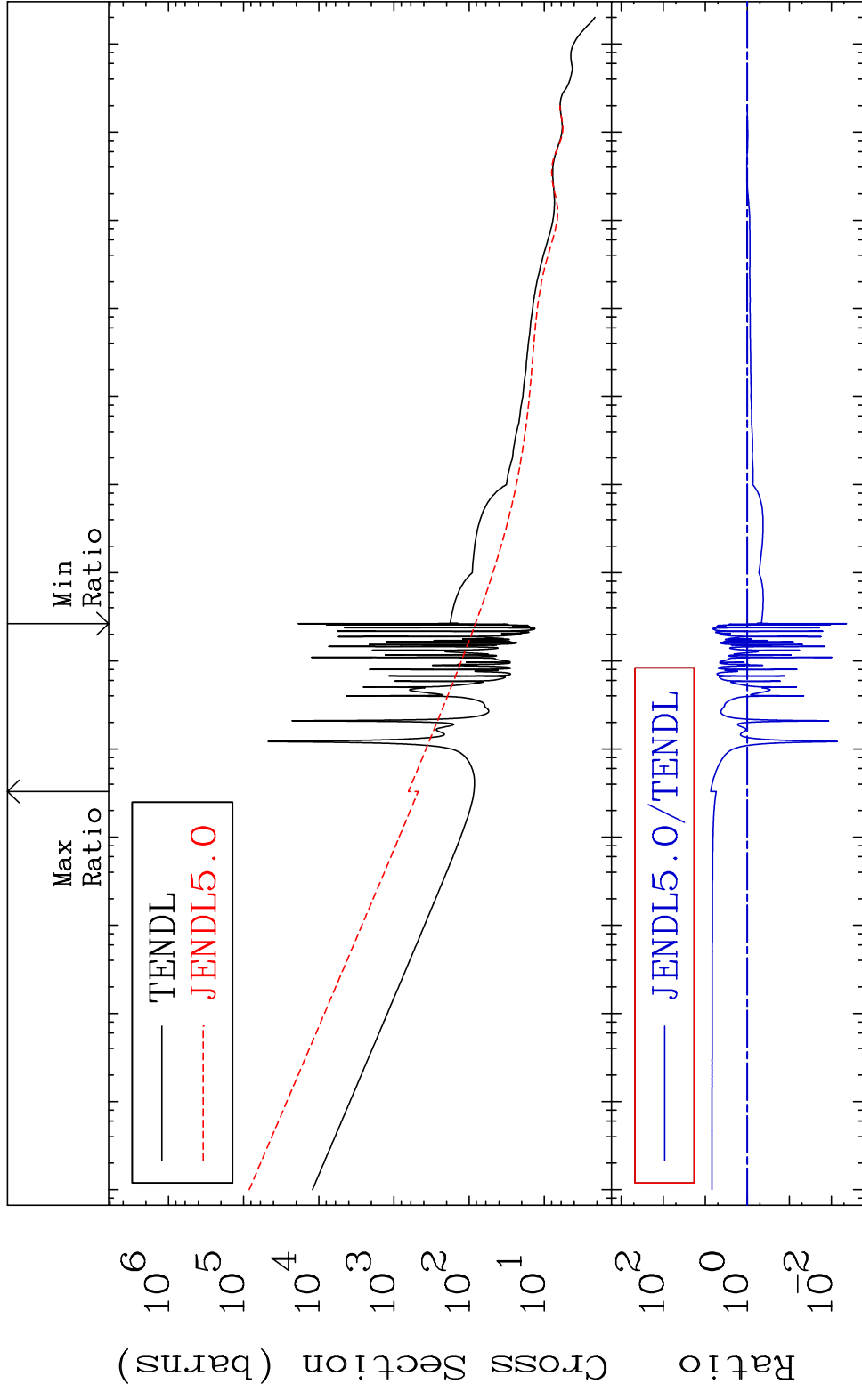
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 9037

Total  
Cross Section    -99.56 To 643.5 %  
90-Th-231



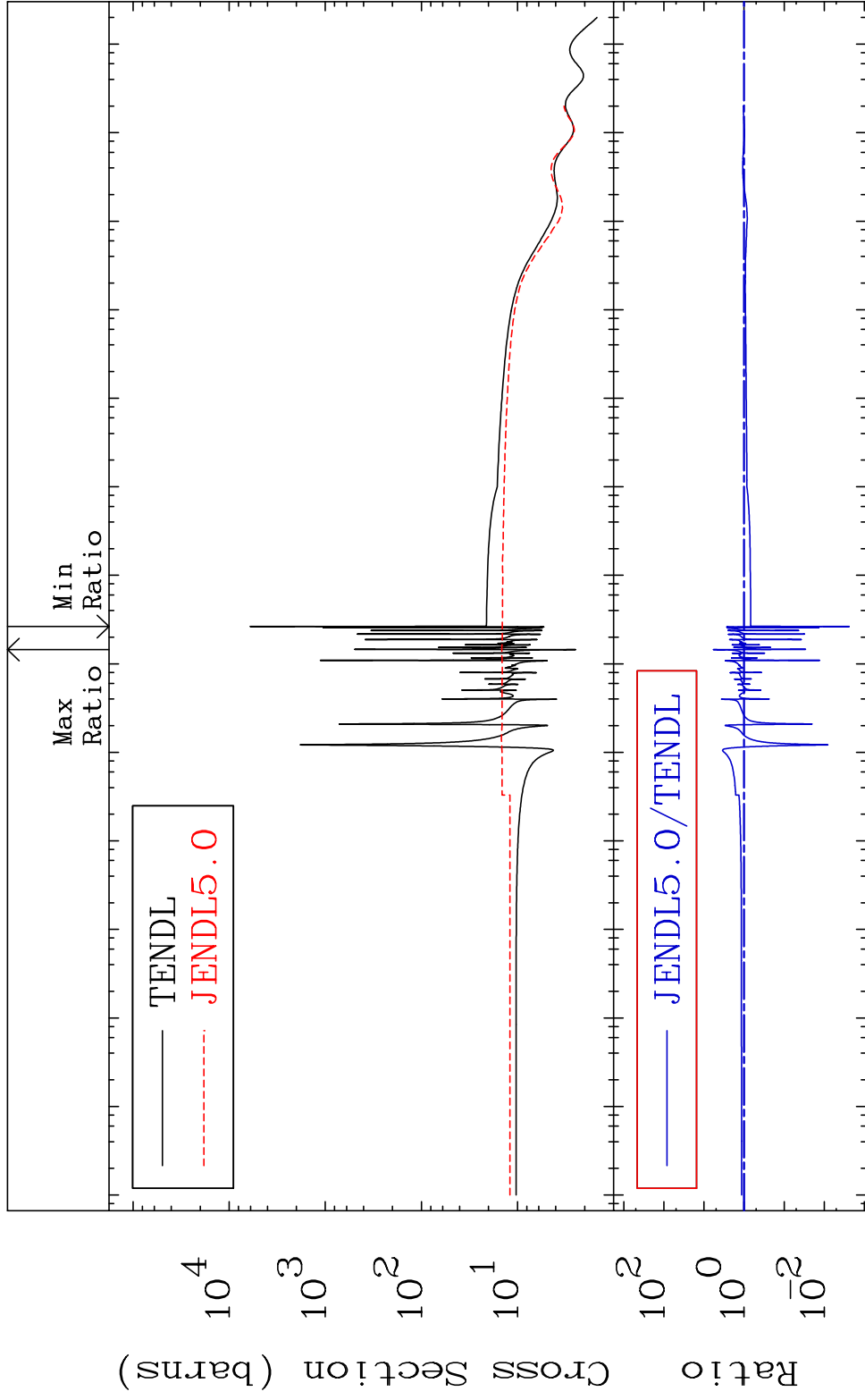
1 Incident Energy (eV) 90-Th-231

MAT 9037

Elastic

90-Th-231

Cross Section -99.76 To 488.3 %



2

Incident Energy (eV)

90-Th-231

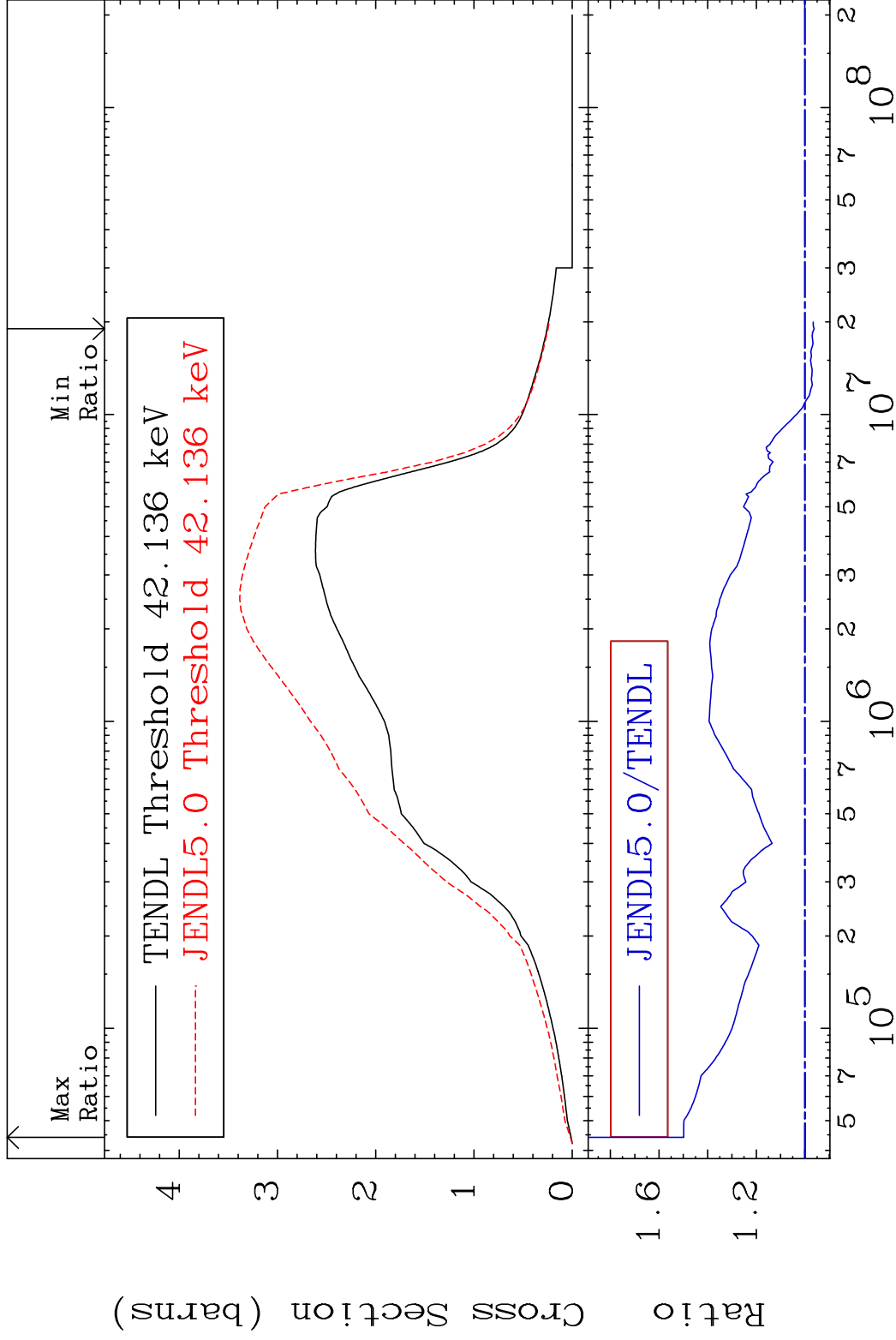
MAT 9037

Inelastic

90-Th-231

Cross Section

-3.789 To 49.87 %



3

Incident Energy (eV)

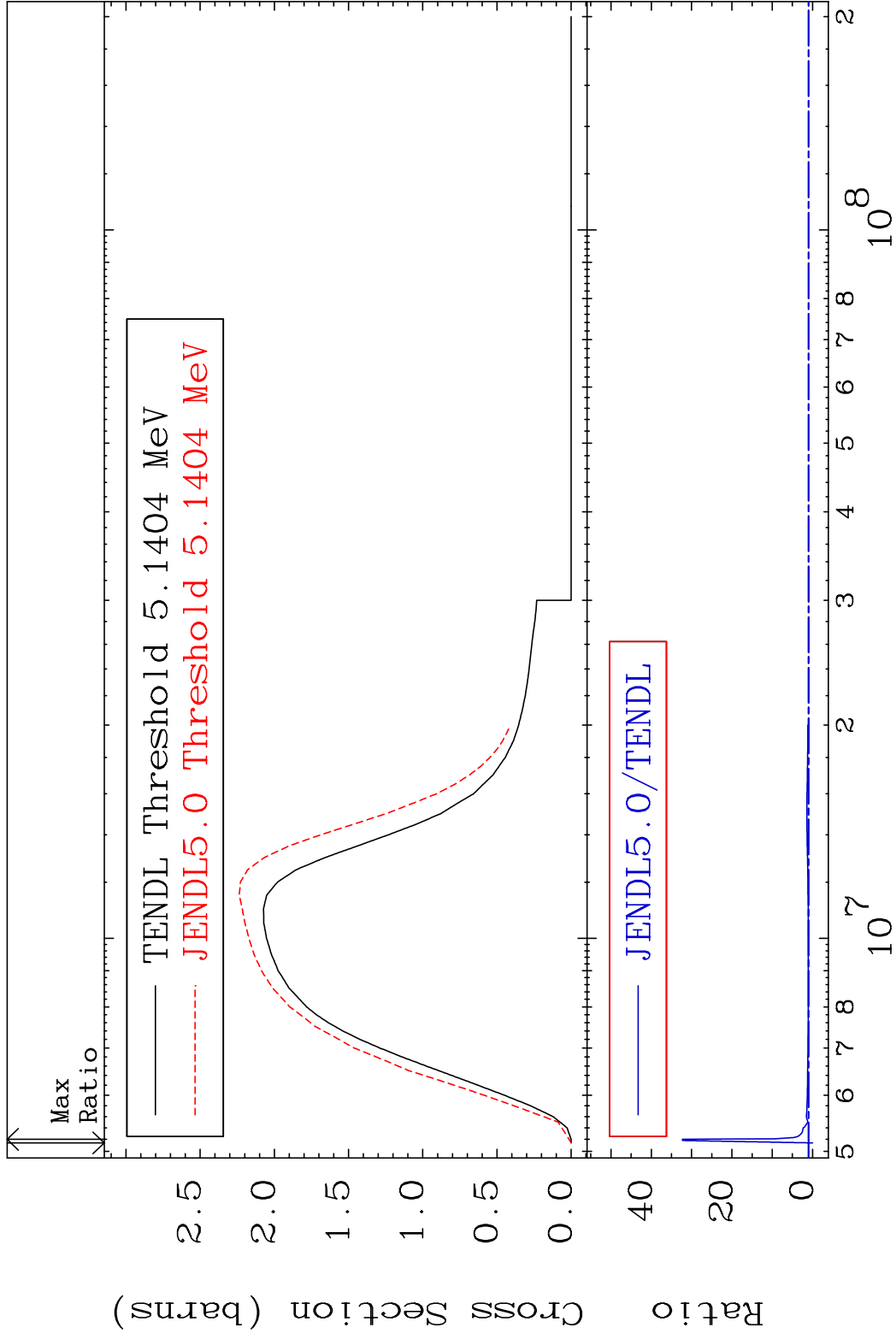
90-Th-231

MAT 9037

(n,2n)

90-Th-231

Cross Section -100.0 To 3129. %



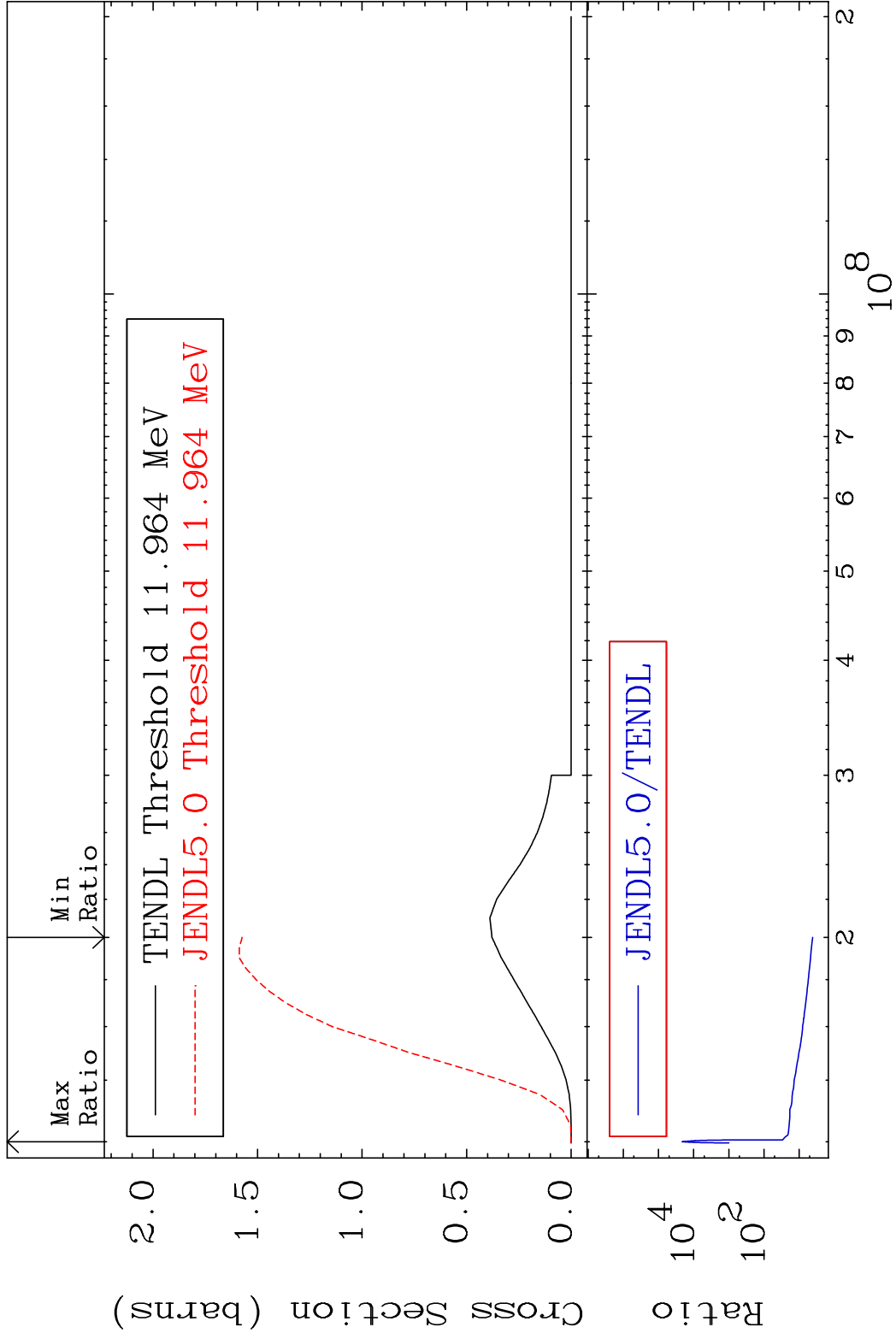
4 Incident Energy (eV) 90-Th-231

MAT 9037

(n,3n)

90-Th-231

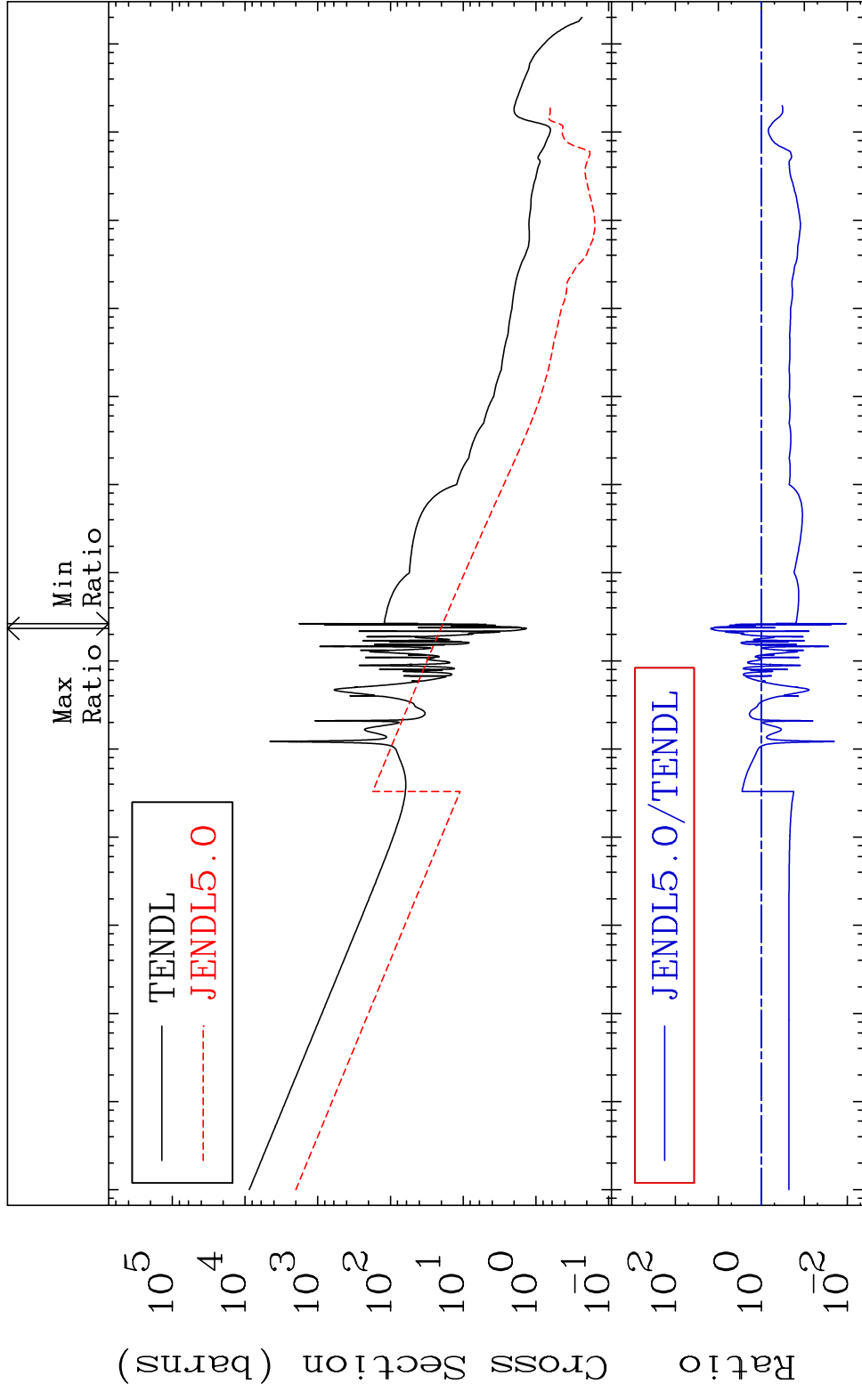
Cross Section 315.4 To 9999. %



MAT 9037

Fission  
Cross Section -98.94 To 1406. %

90-Th-231

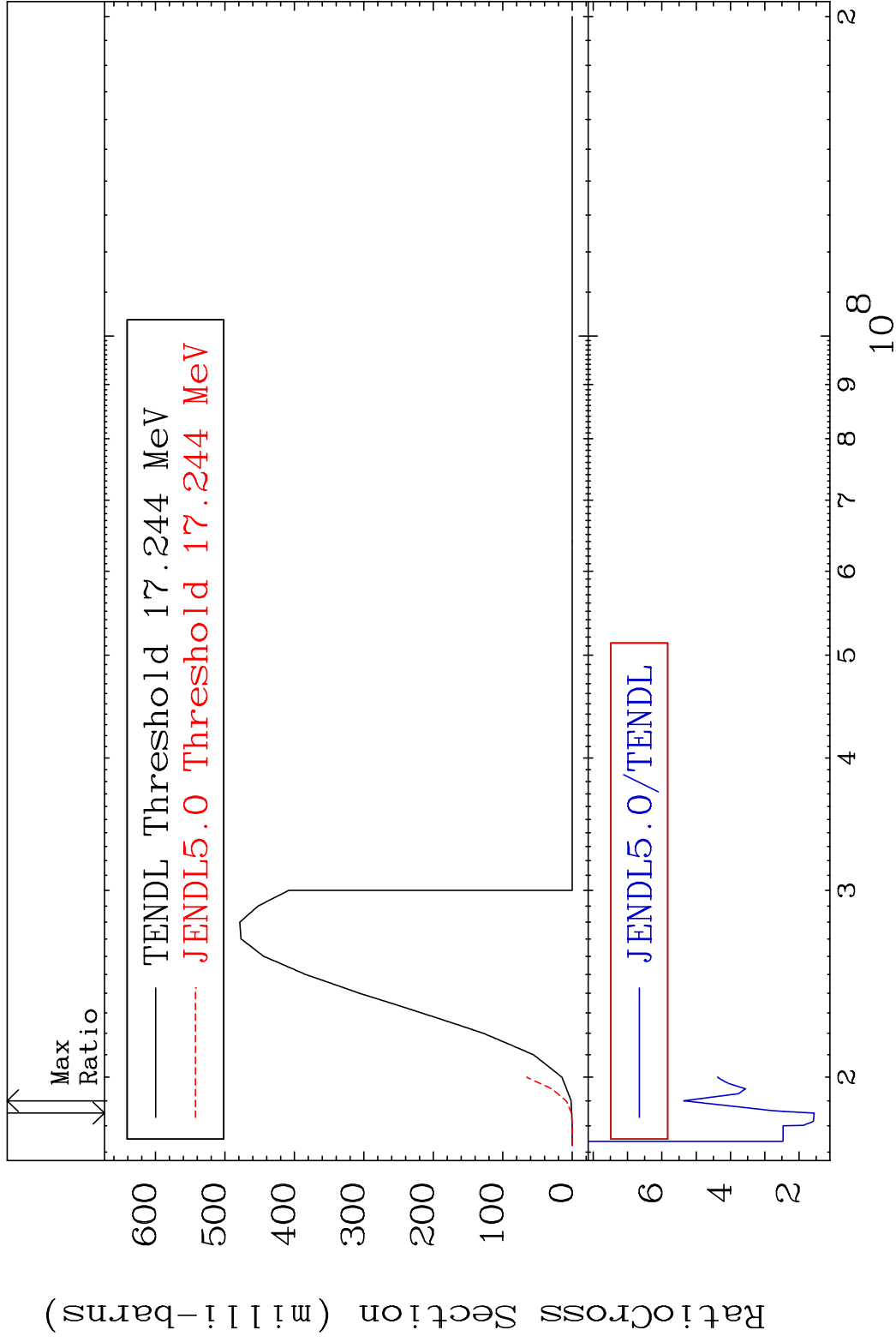


MAT 9037

(n, 4n)

90-Th-231

Cross Section 56.45 To 436.5 %



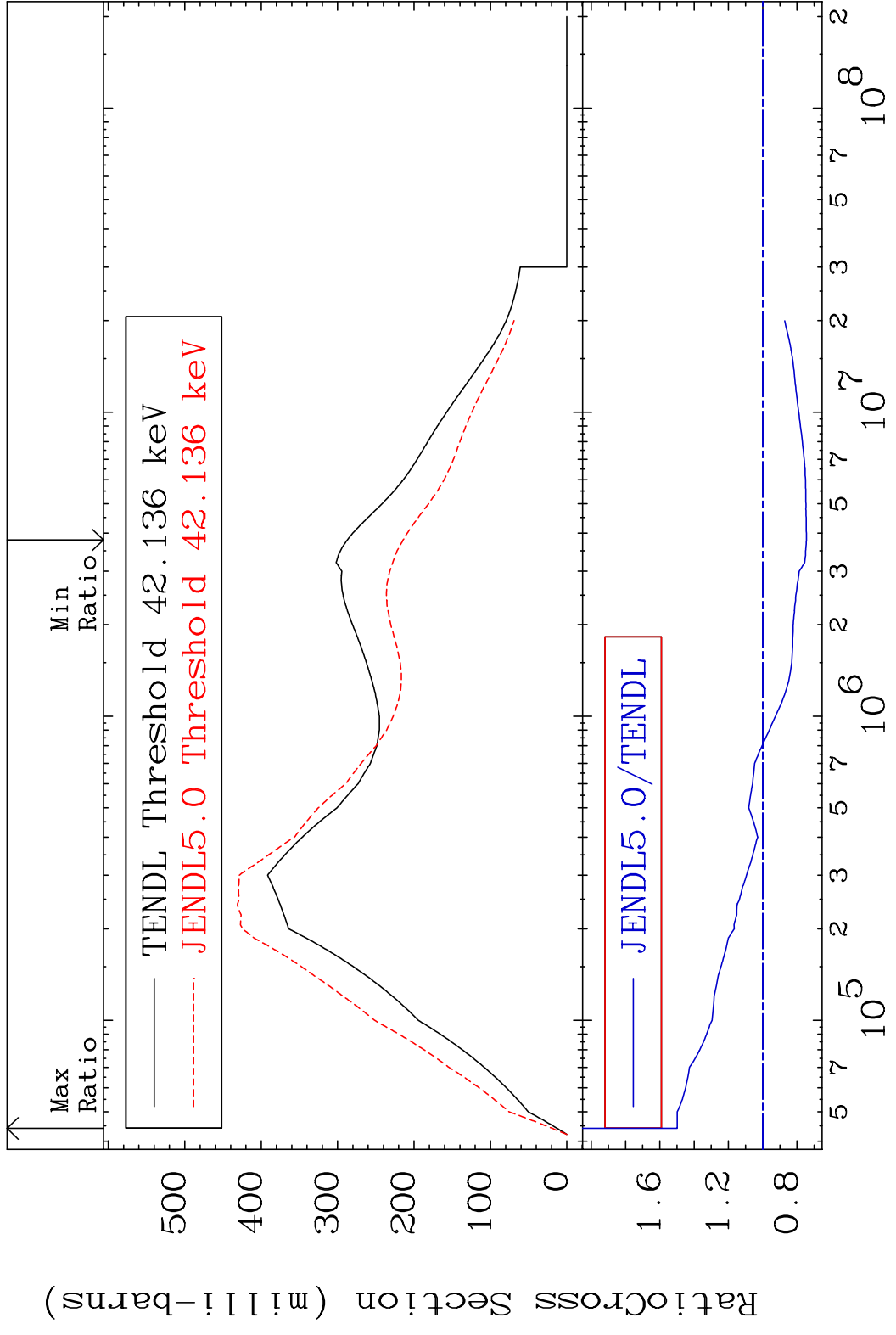
7

Incident Energy (eV)

90-Th-231



MAT 9037 MT= 51 (n, n') Level 90-Th-231  
 Cross Section -25.48 To 49.87 %

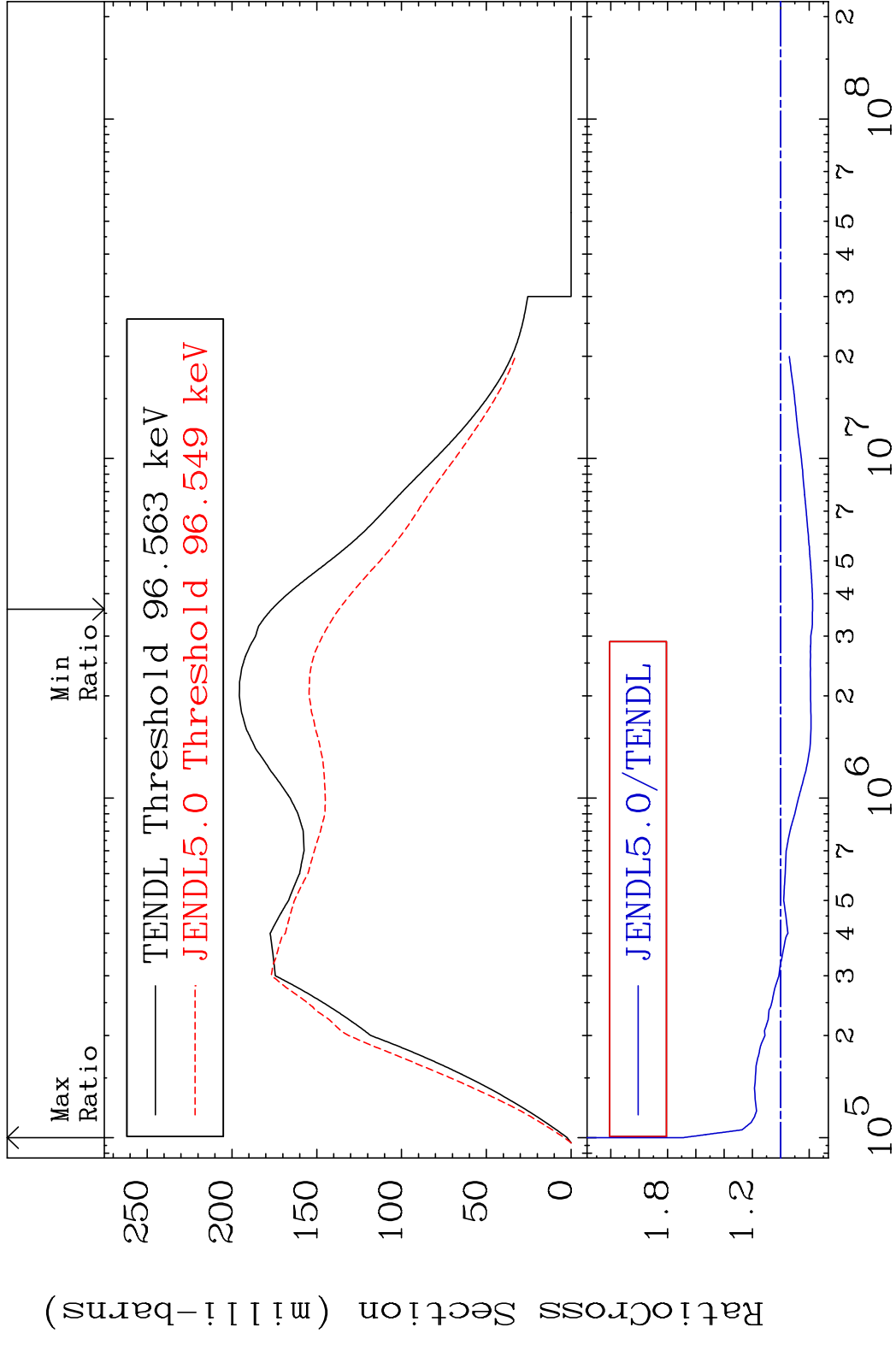


MAT 9037

MT= 52 (n, n') Level

90-Th-231

Cross Section -22.45 To 69.50 %

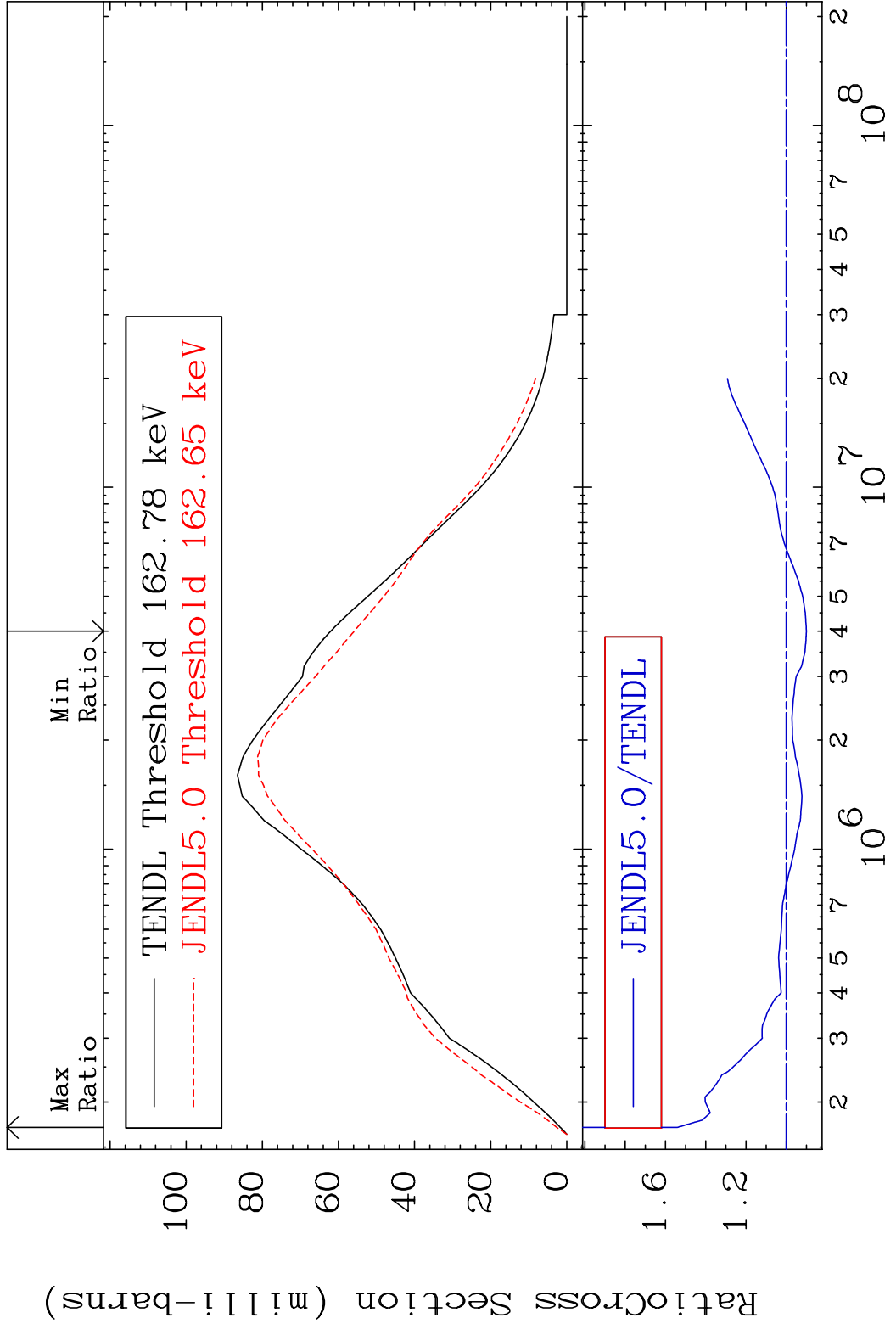


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Incident Energy (eV)

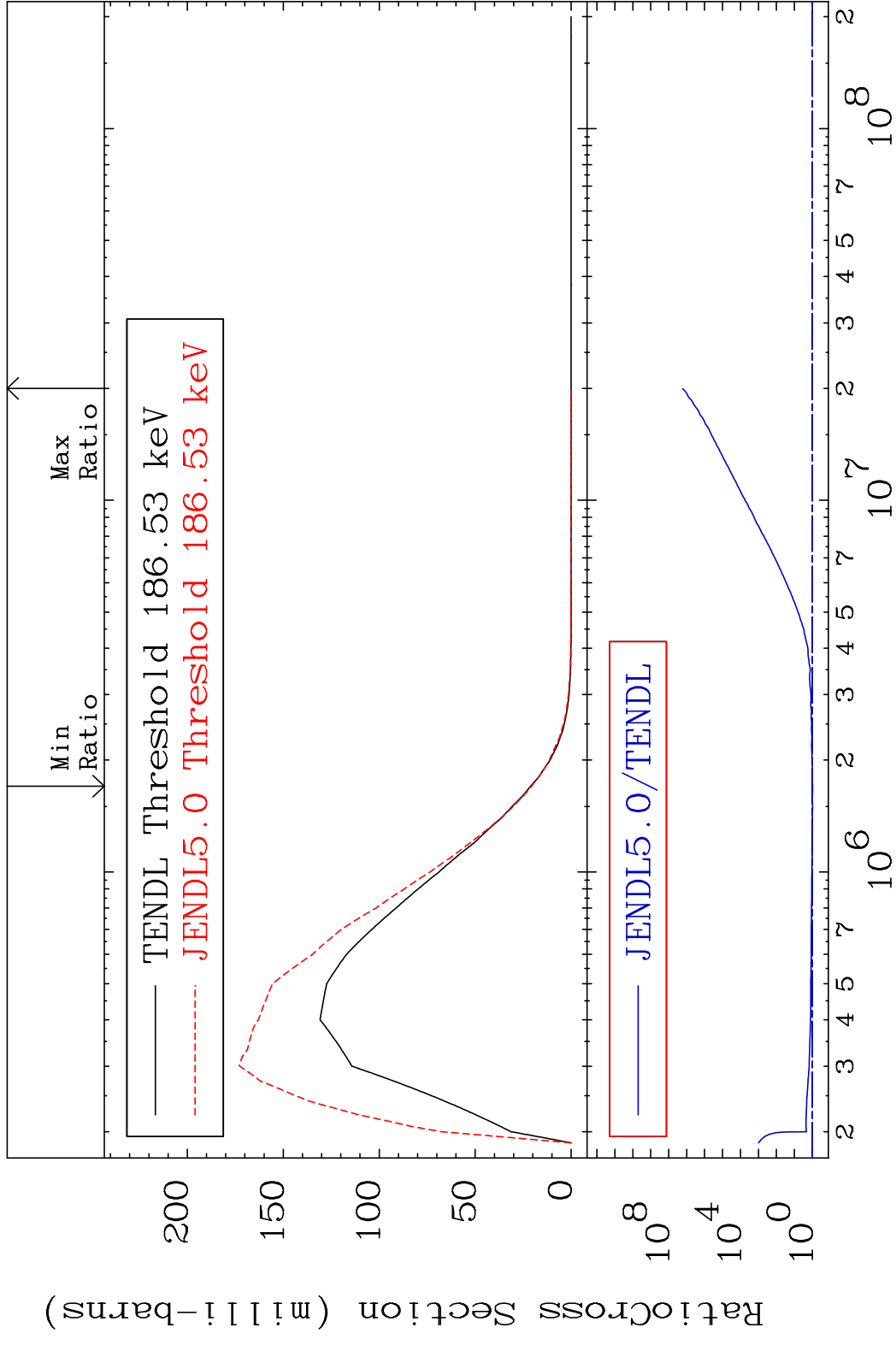
90-Th-231

MAT 9037 MT= 53 (n, n') Level 90-Th-231  
 Cross Section -9.992 To 54.16 %

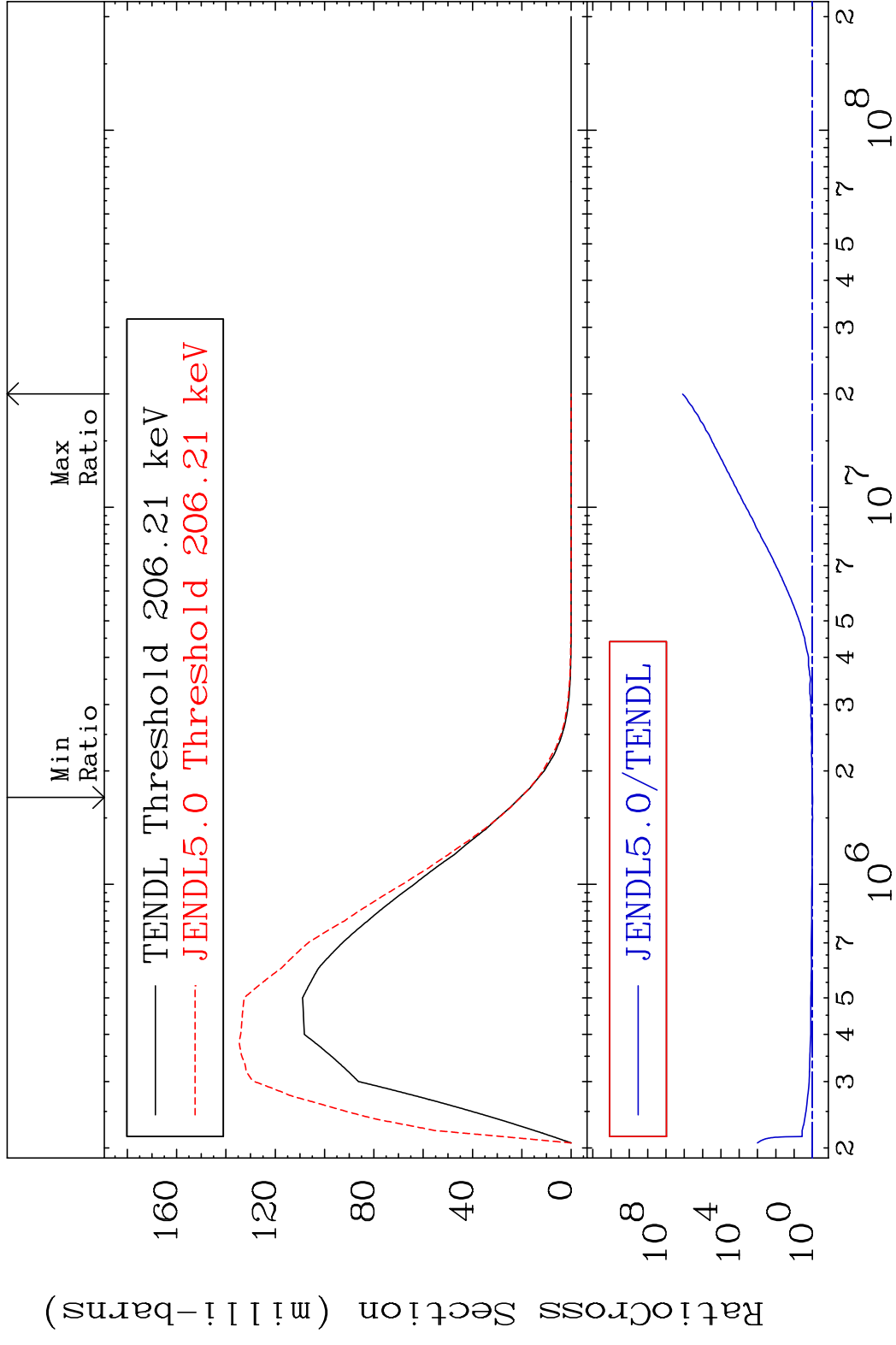


10 Incident Energy (eV) 90-Th-231

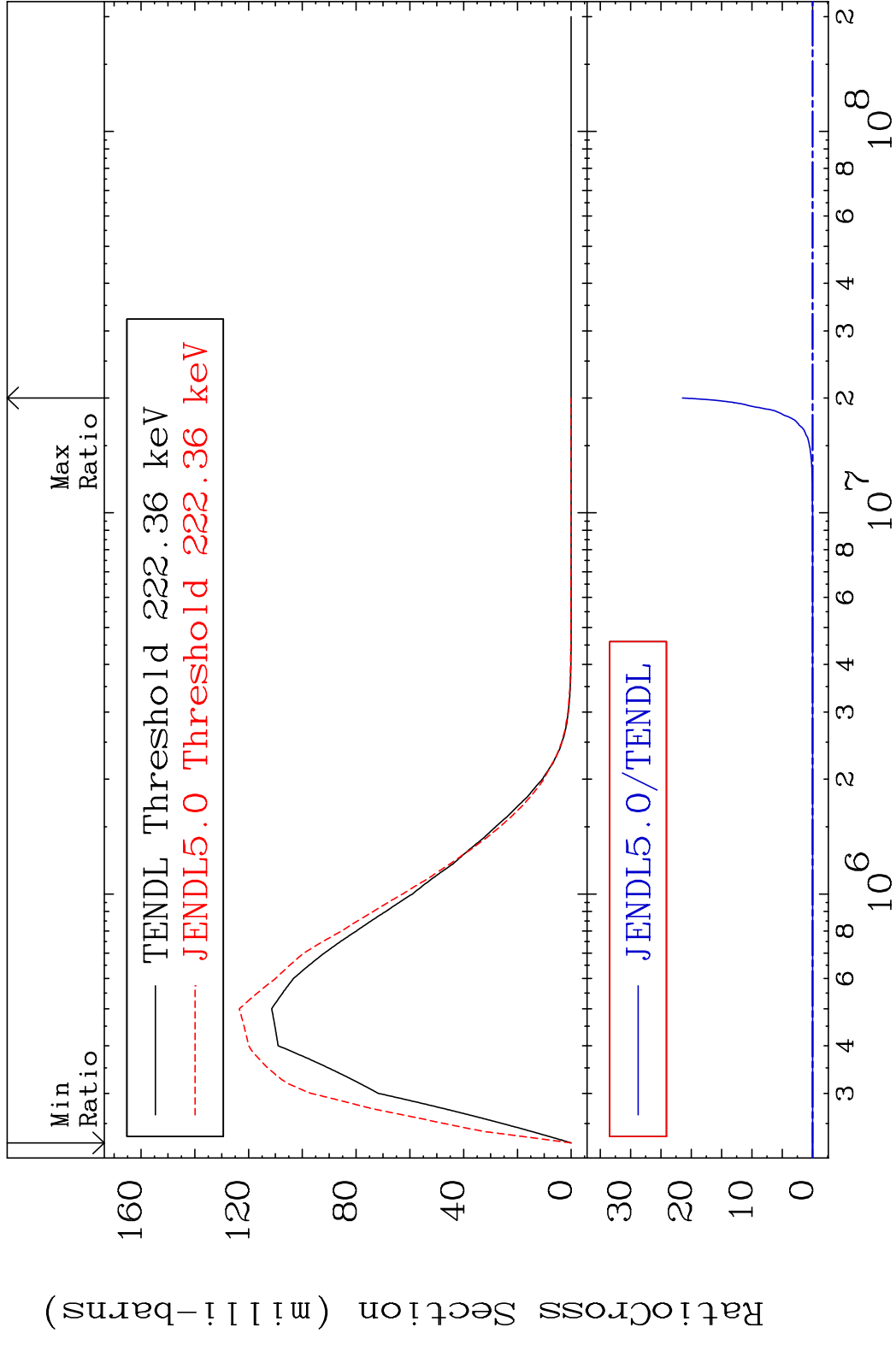
MAT 9037 MT= 54 (n,n') Level 90-Th-231  
 Cross Section -2.469 To 9999. %



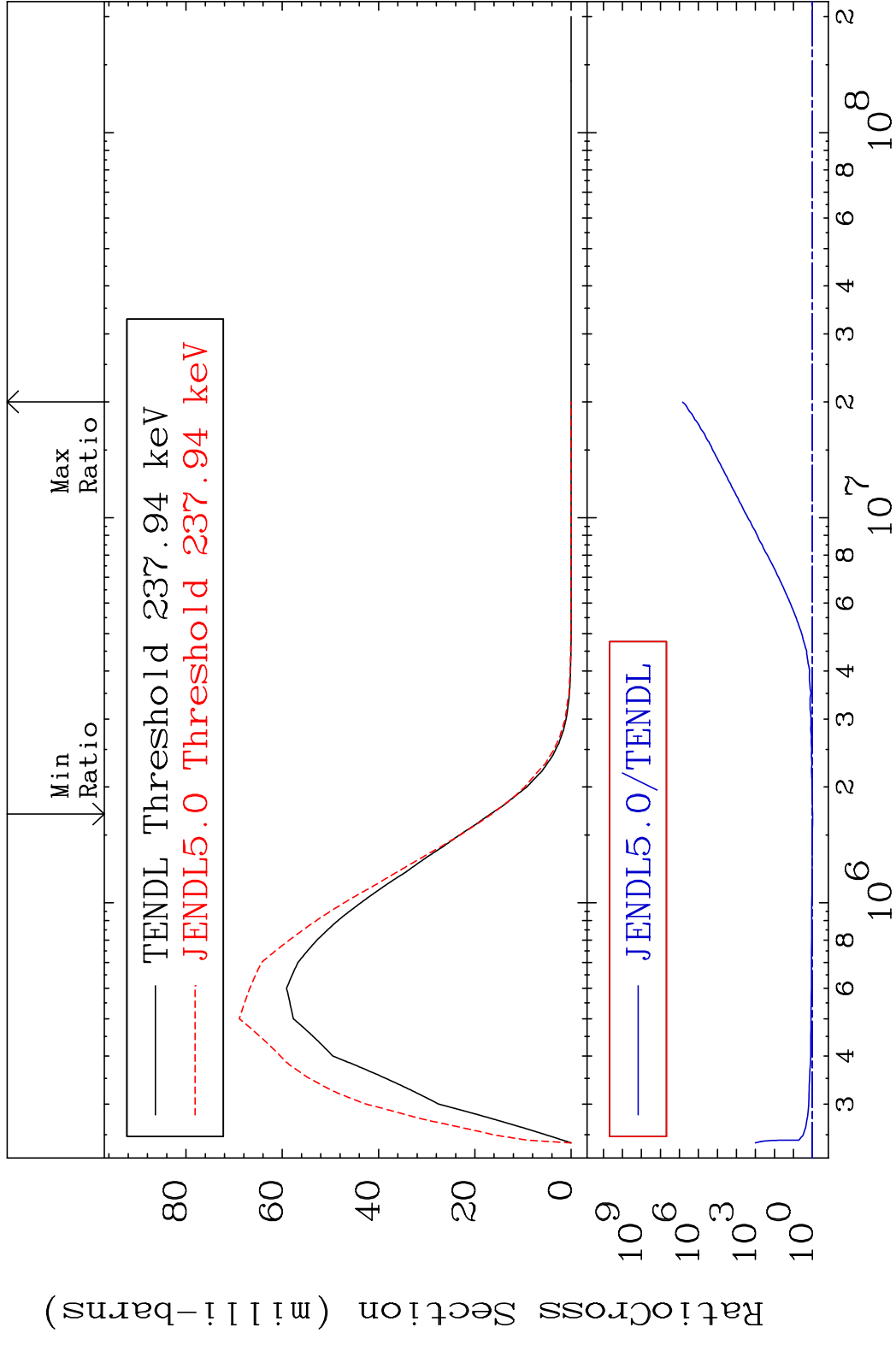
MAT 9037 MT= 55 (n,n') Level 90-Th-231  
 Cross Section -1.329 To 9999. %



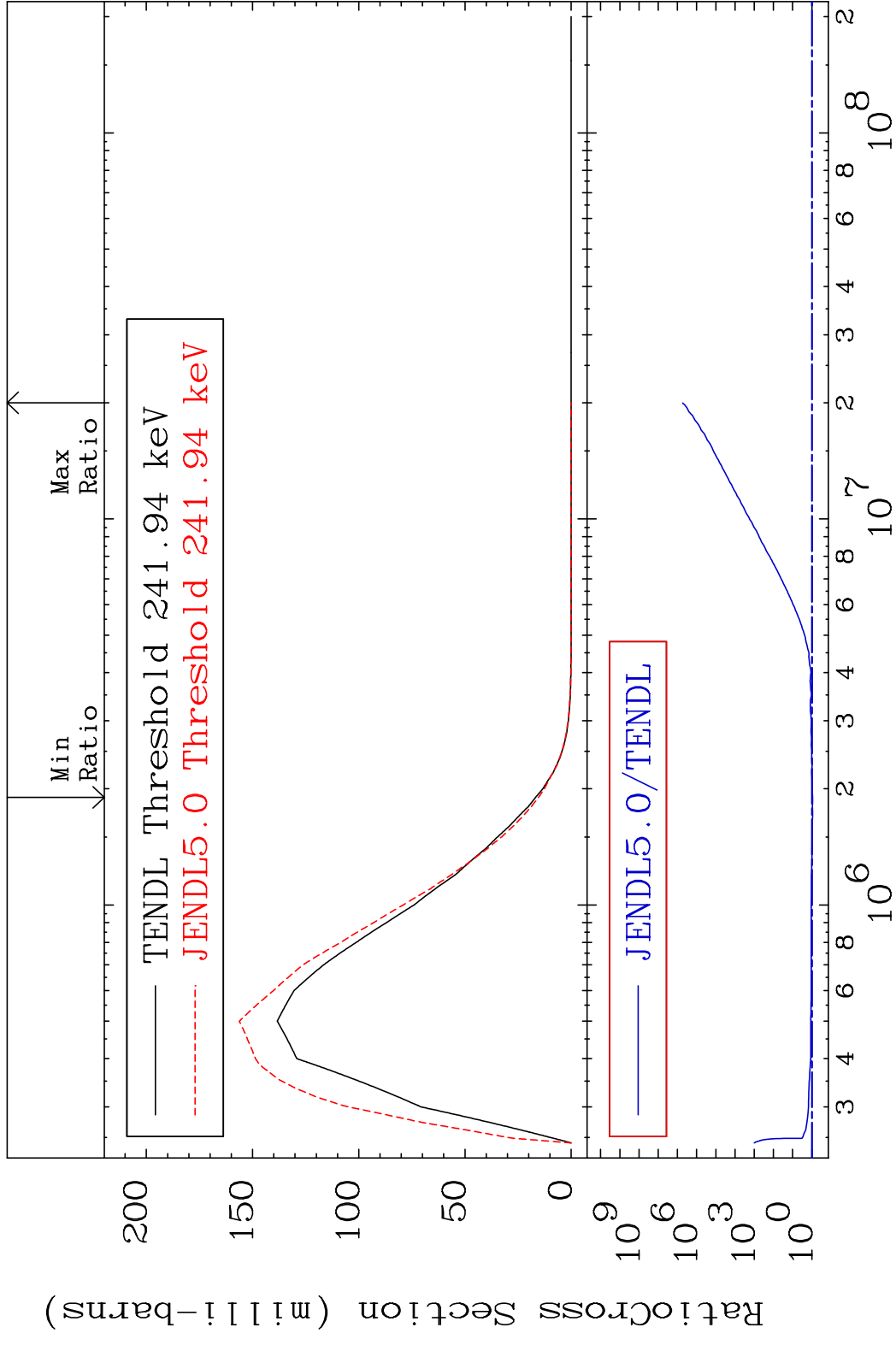
MAT 9037 MT= 56 (n,n') Level 90-Th-231  
 Cross Section -100.0 To 9999. %



MAT 9037 MT= 57 (n, n') Level 90-Th-231  
 Cross Section -1.484 To 9999. %

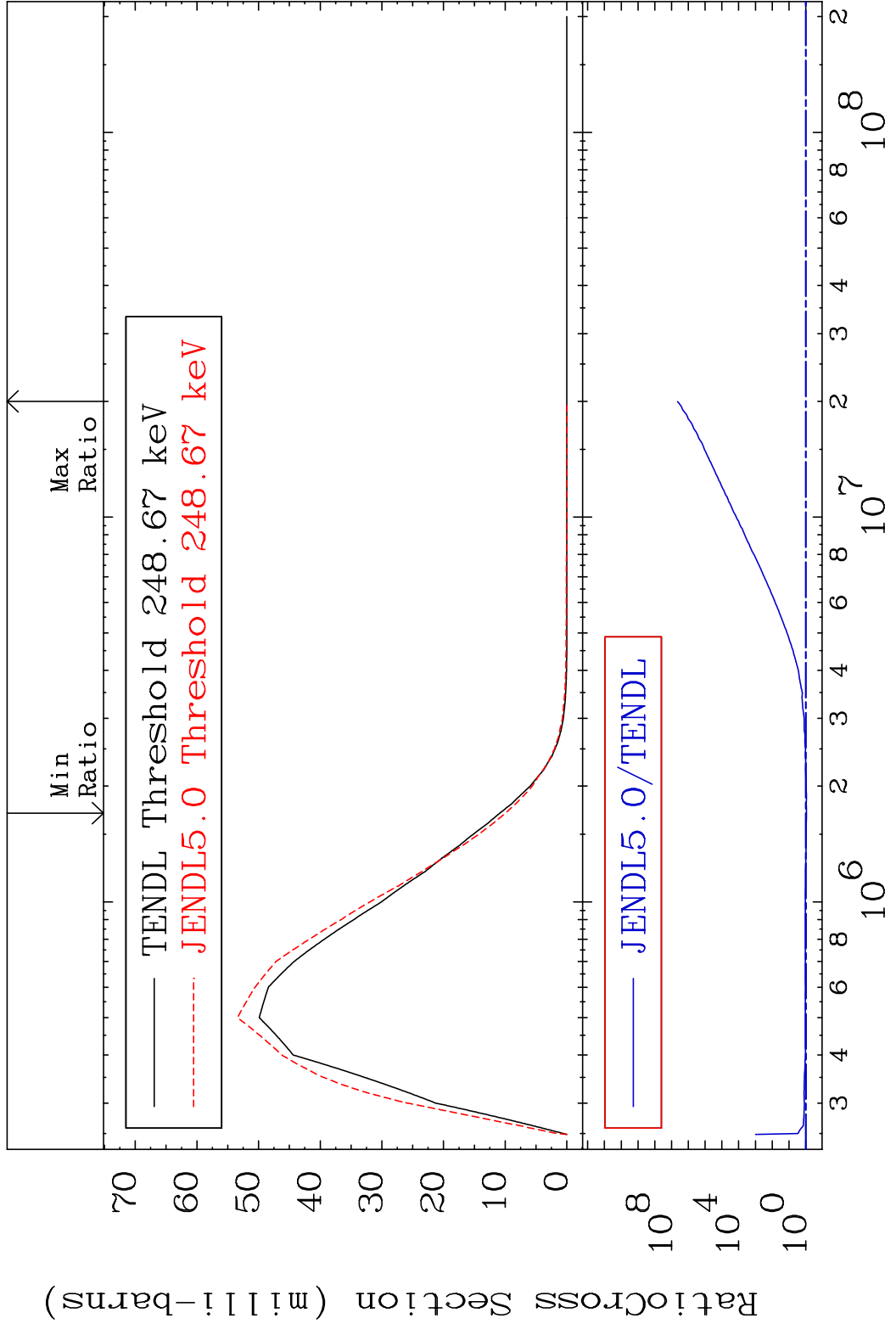


MAT 9037 MT= 58 (n, n') Level 90-Th-231  
 Cross Section -8.104 To 9999. %

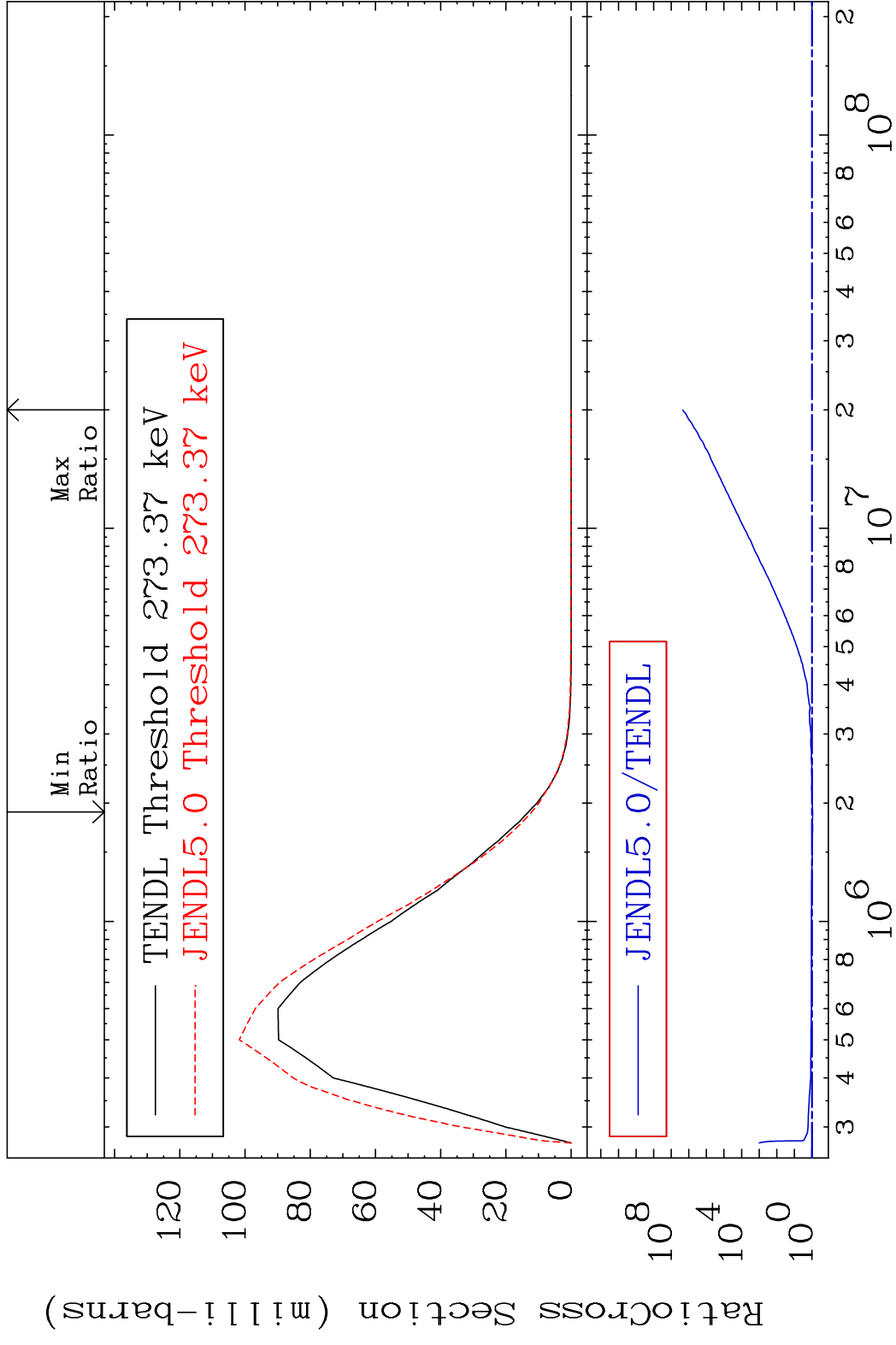




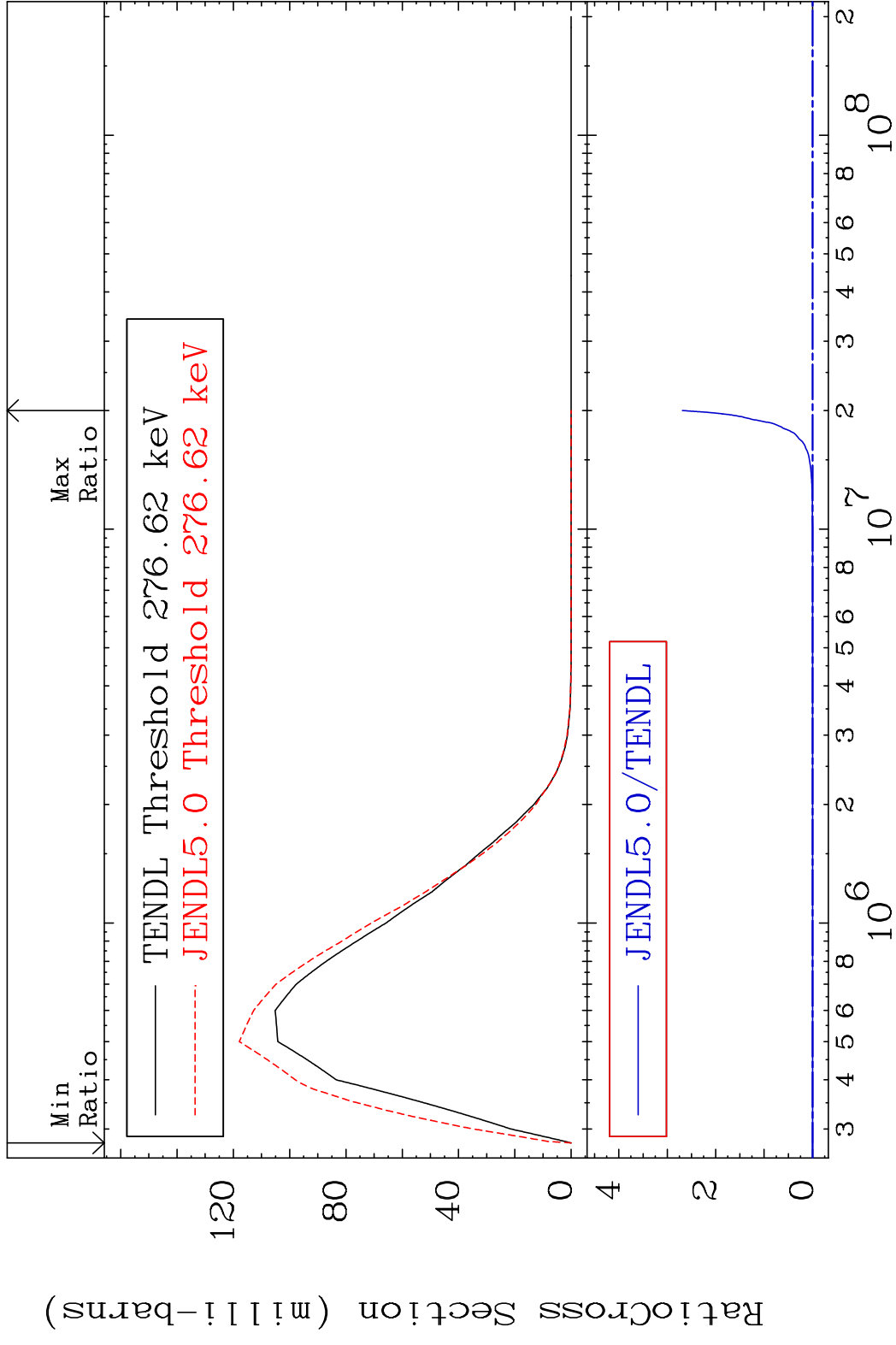
MAT 9037 MT= 59 (n, n') Level 90-Th-231  
 Cross Section -8.430 To 9999. %



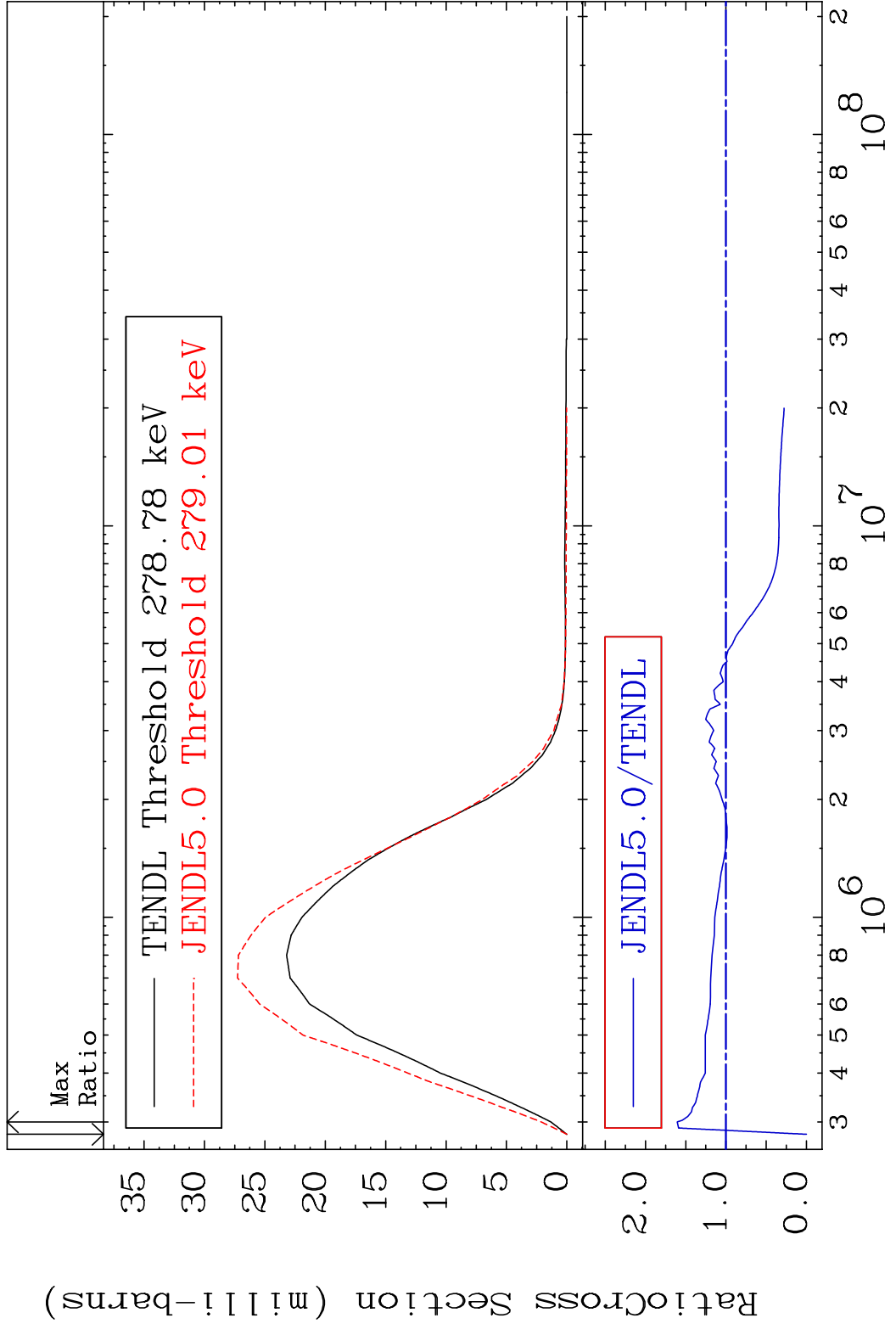
MAT 9037 MT= 60 (n, n') Level 90-Th-231  
 Cross Section -7.658 To 9999. %



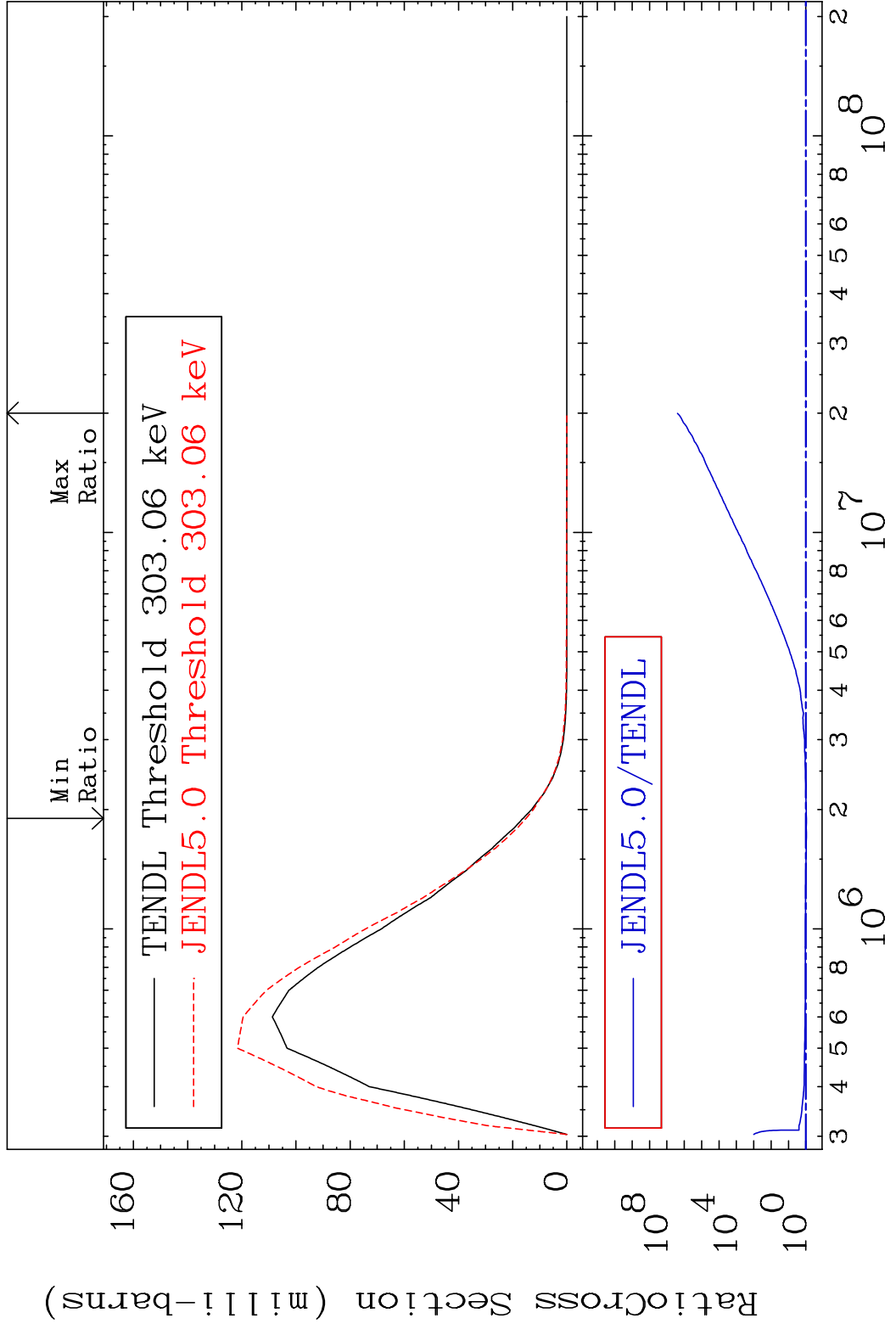
MAT 9037 MT= 61 (n, n') Level 90-Th-231  
 Cross Section -100.0 To 9999. %



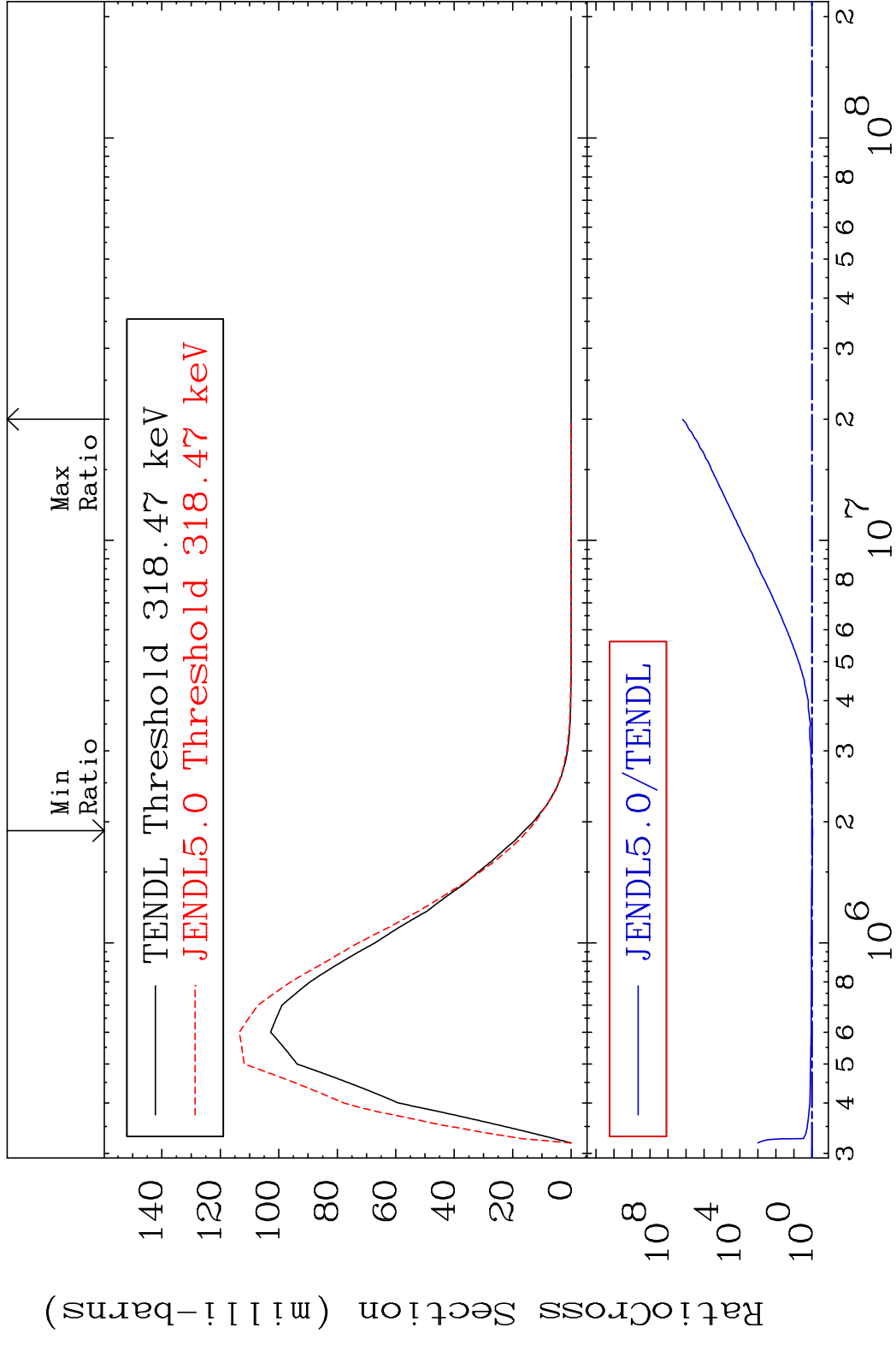
MAT 9037 MT= 62 (n,n') Level 90-Th-231  
 Cross Section -100.0 To 60.63 %



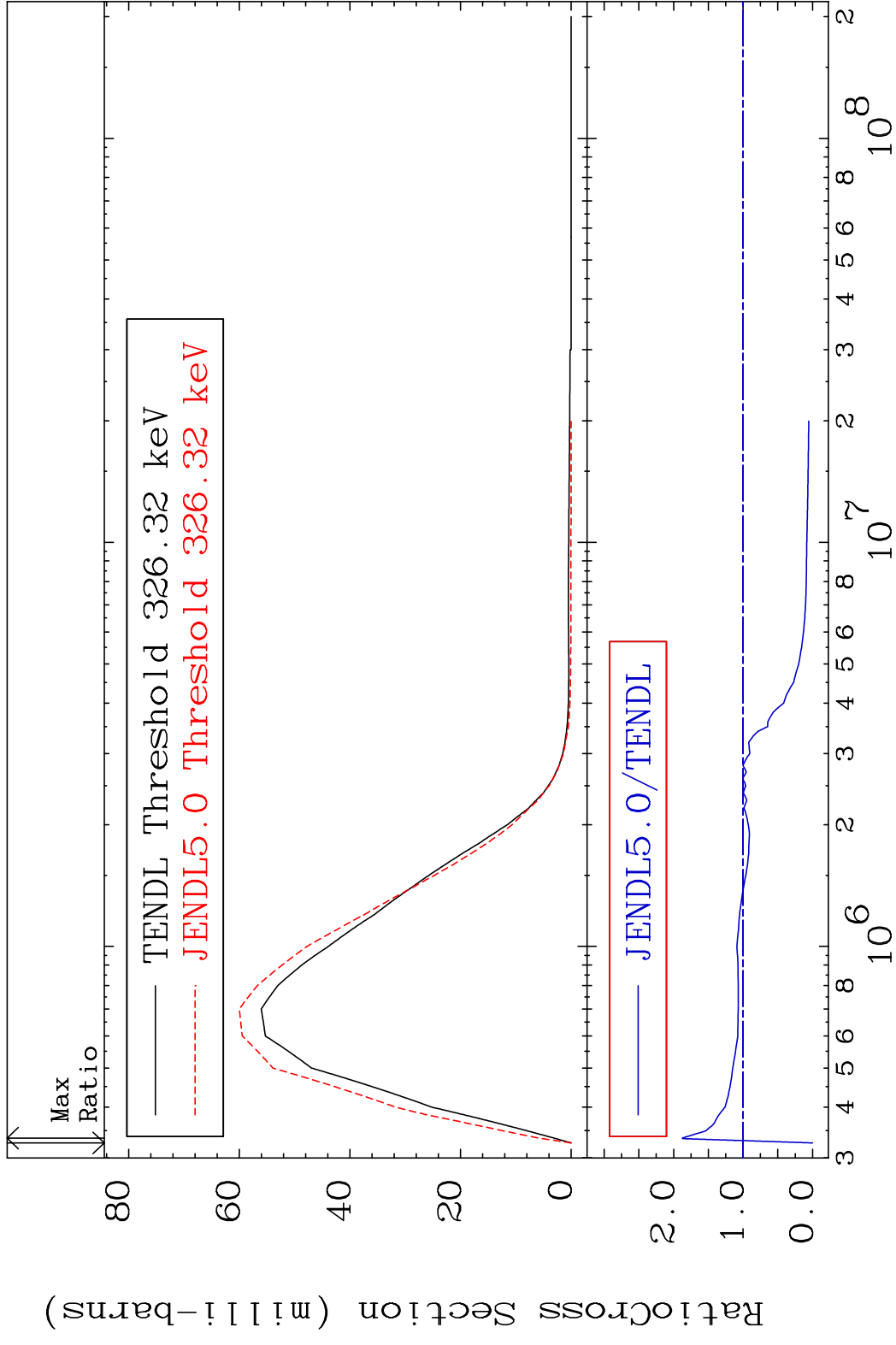
MAT 9037 MT= 63 (n, n') Level 90-Th-231  
 Cross Section -6.896 To 9999. %



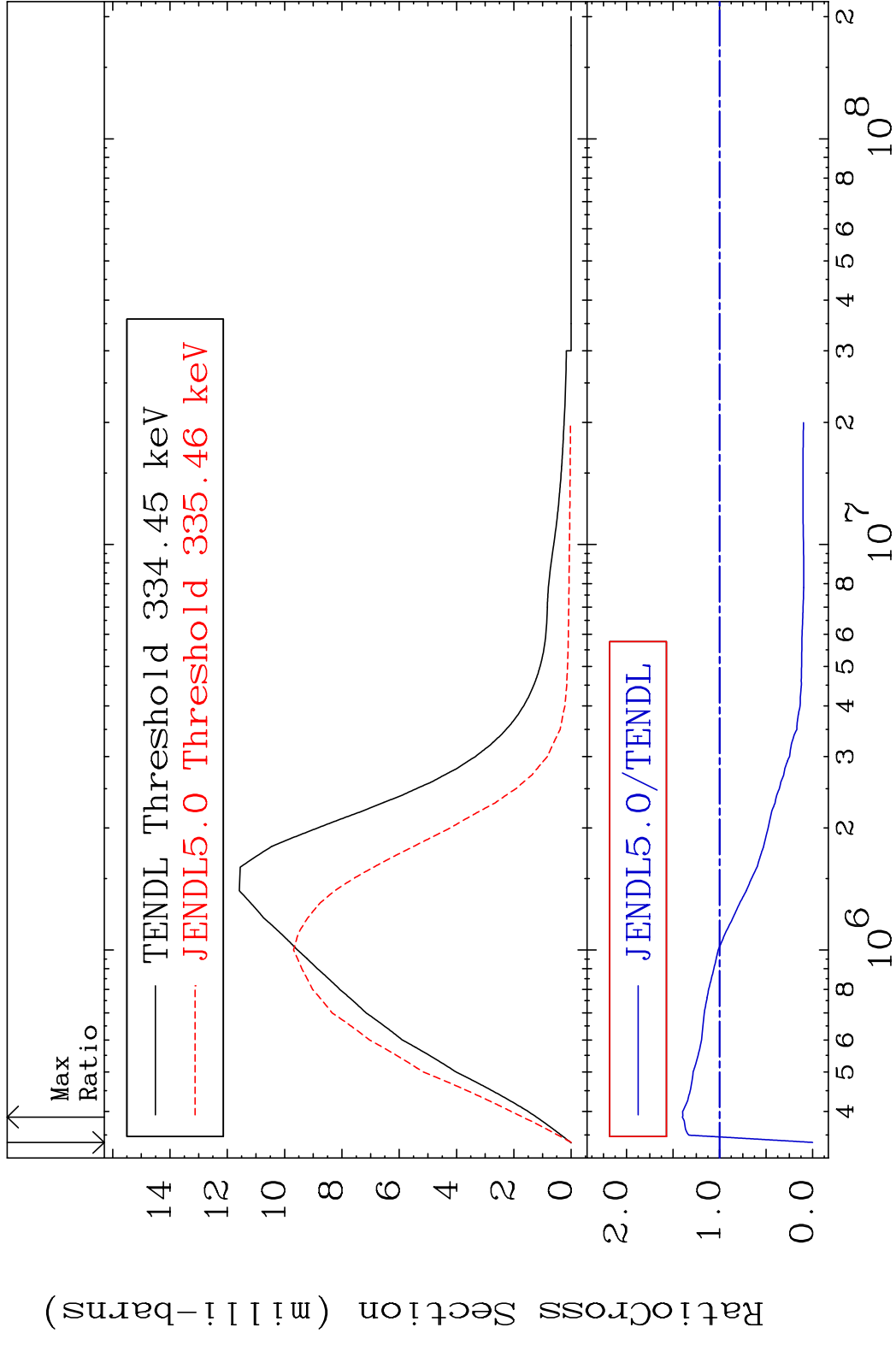
MAT 9037 MT= 64 (n, n') Level 90-Th-231  
 Cross Section -7.455 To 9999. %



MAT 9037 MT= 65 (n,n') Level 90-Th-231  
 Cross Section -100.0 To 87.42 %

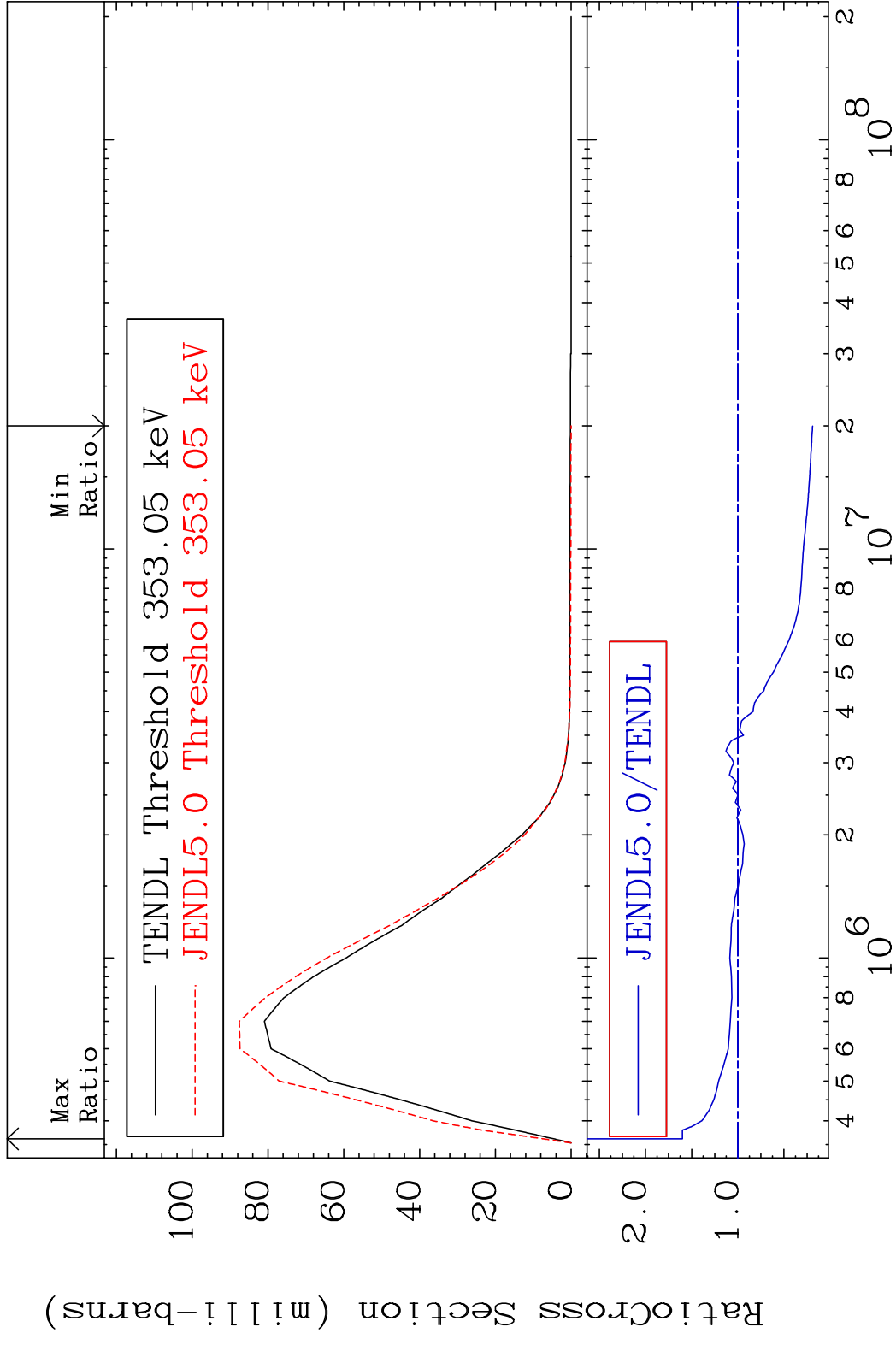


MAT 9037 MT= 66 (n,n') Level 90-Th-231  
 Cross Section -100.0 To 40.06 %

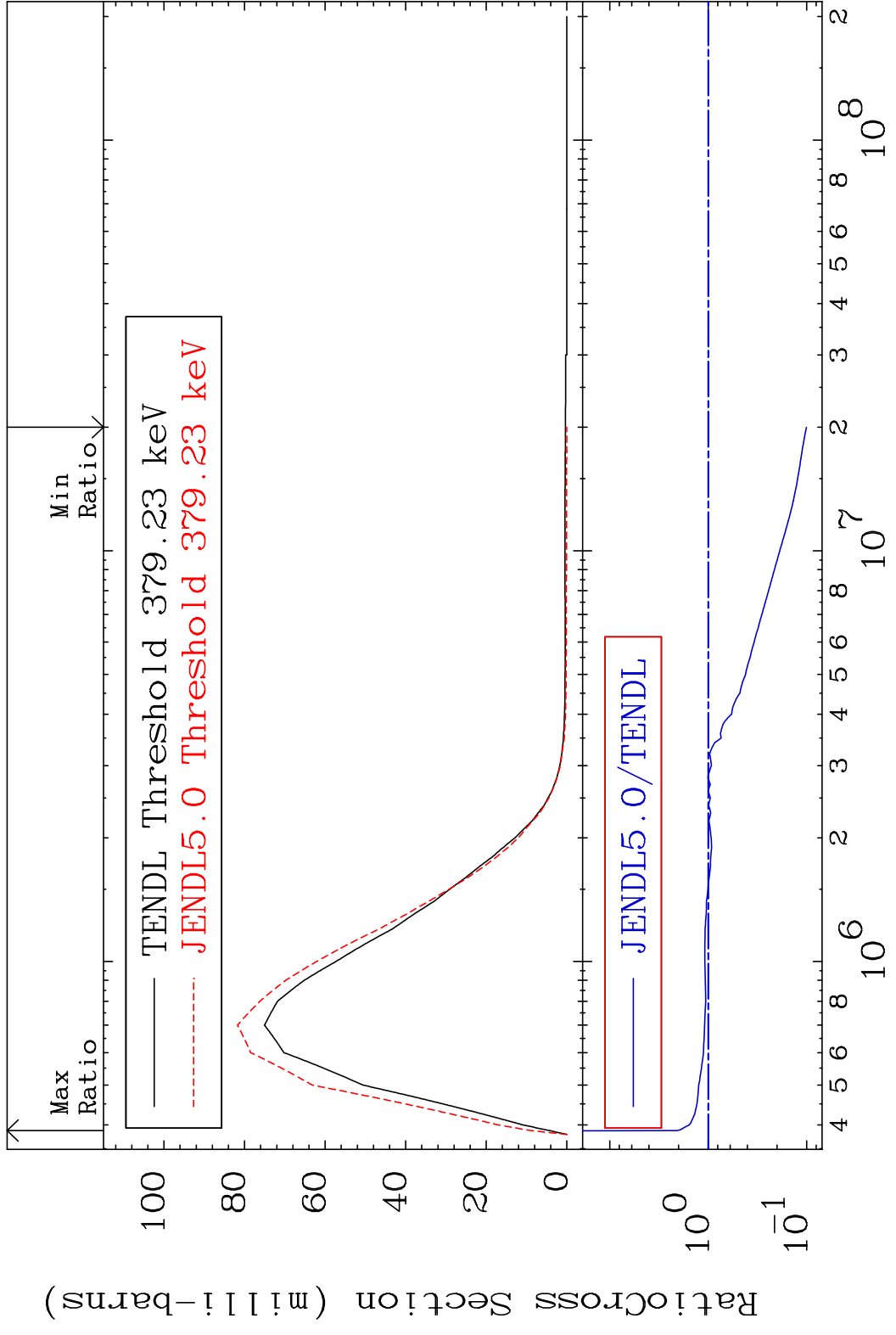




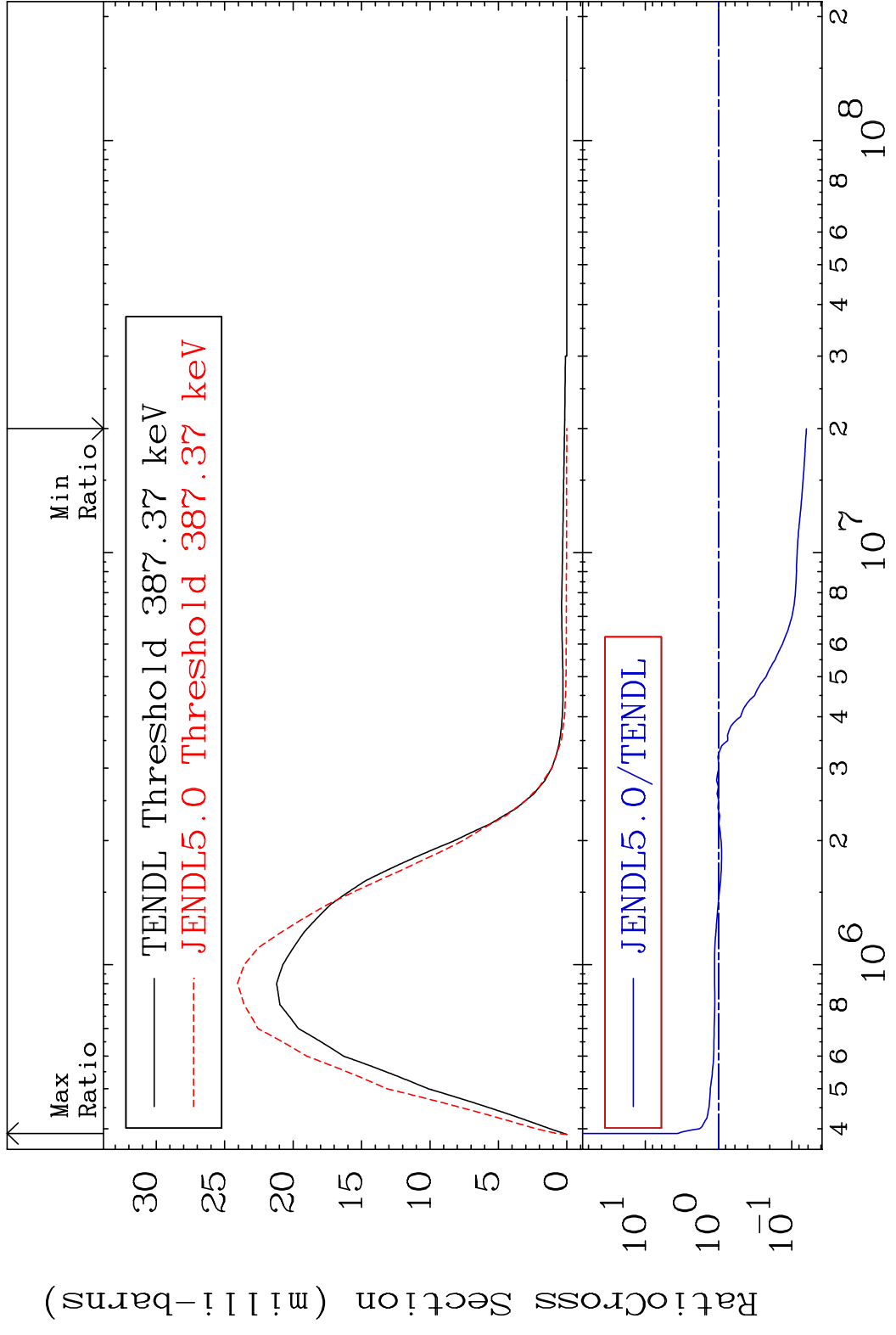
MAT 9037 MT= 67 (n, n') Level 90-Th-231  
 Cross Section -80.98 To 60.04 %



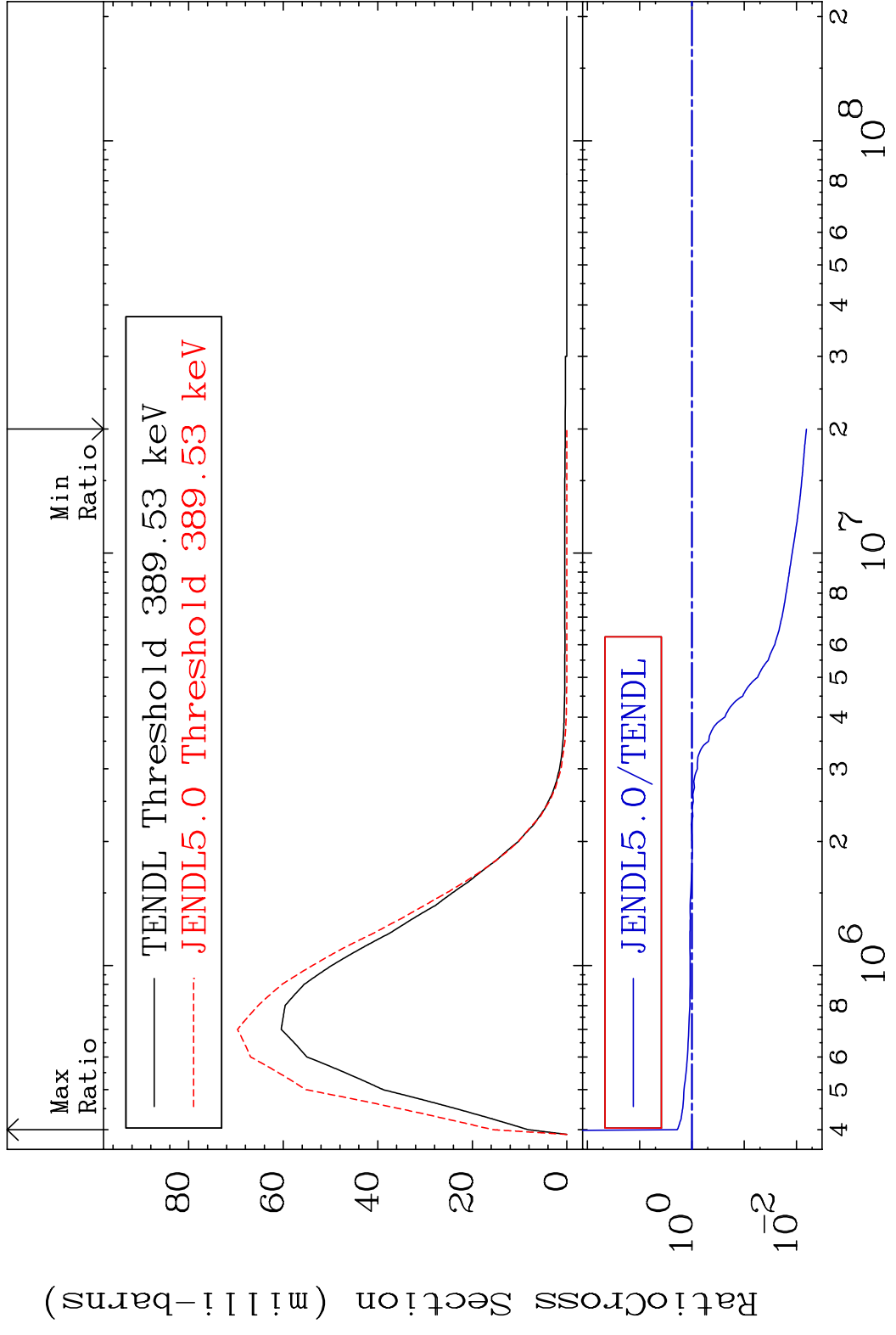
MAT 9037 MT= 68 (n, n') Level 90-Th-231  
 Cross Section -89.94 To 106.7 %



MAT 9037 MT= 69 (n, n') Level 90-Th-231  
 Cross Section -93.69 To 267.6 %



MAT 9037 MT= 70 (n,n') Level 90-Th-231  
 Cross Section -99.35 To 91.60 %



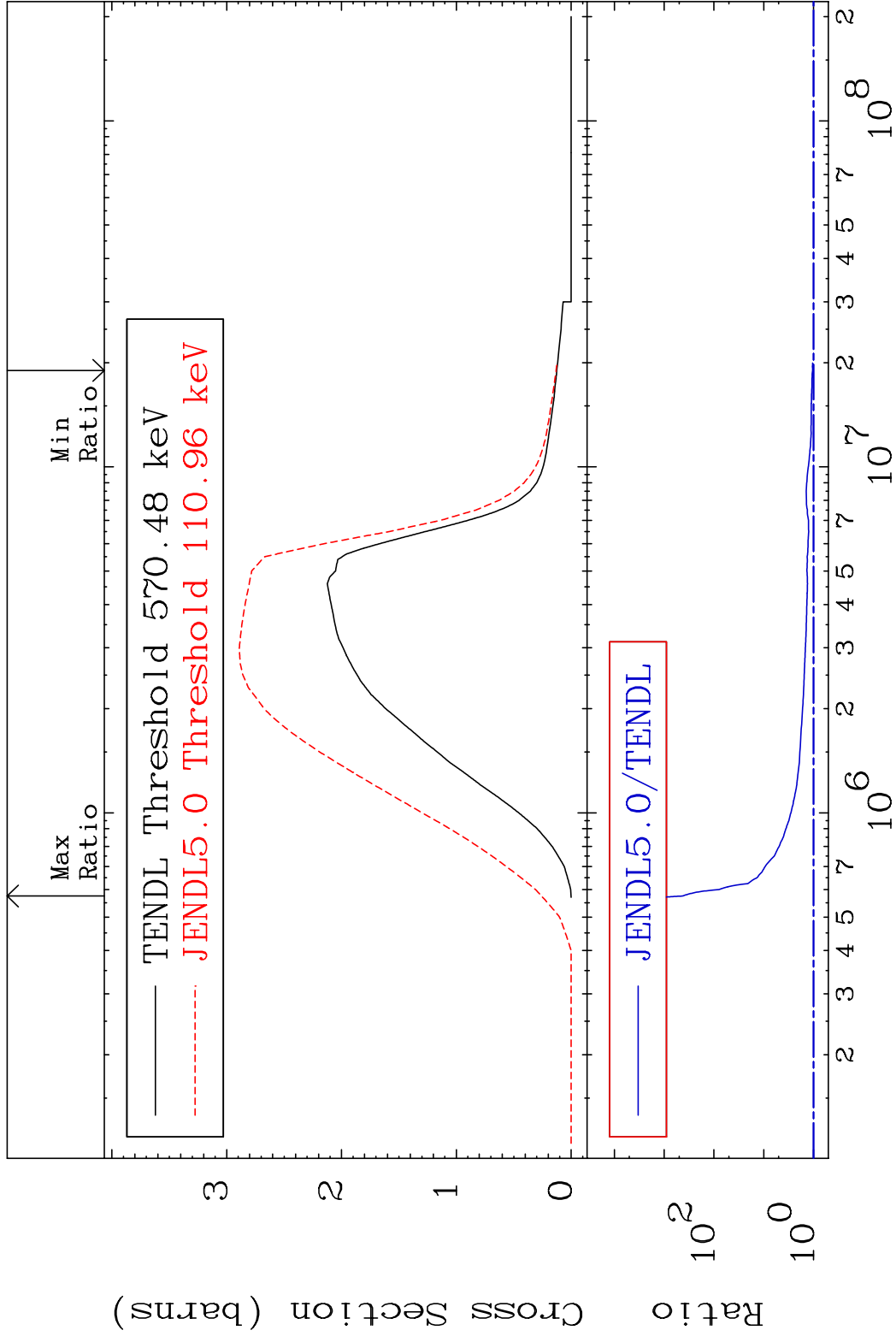
MAT 9037

(n, n') Continuum

90-Th-231

Cross Section 4.387

To 9999. %

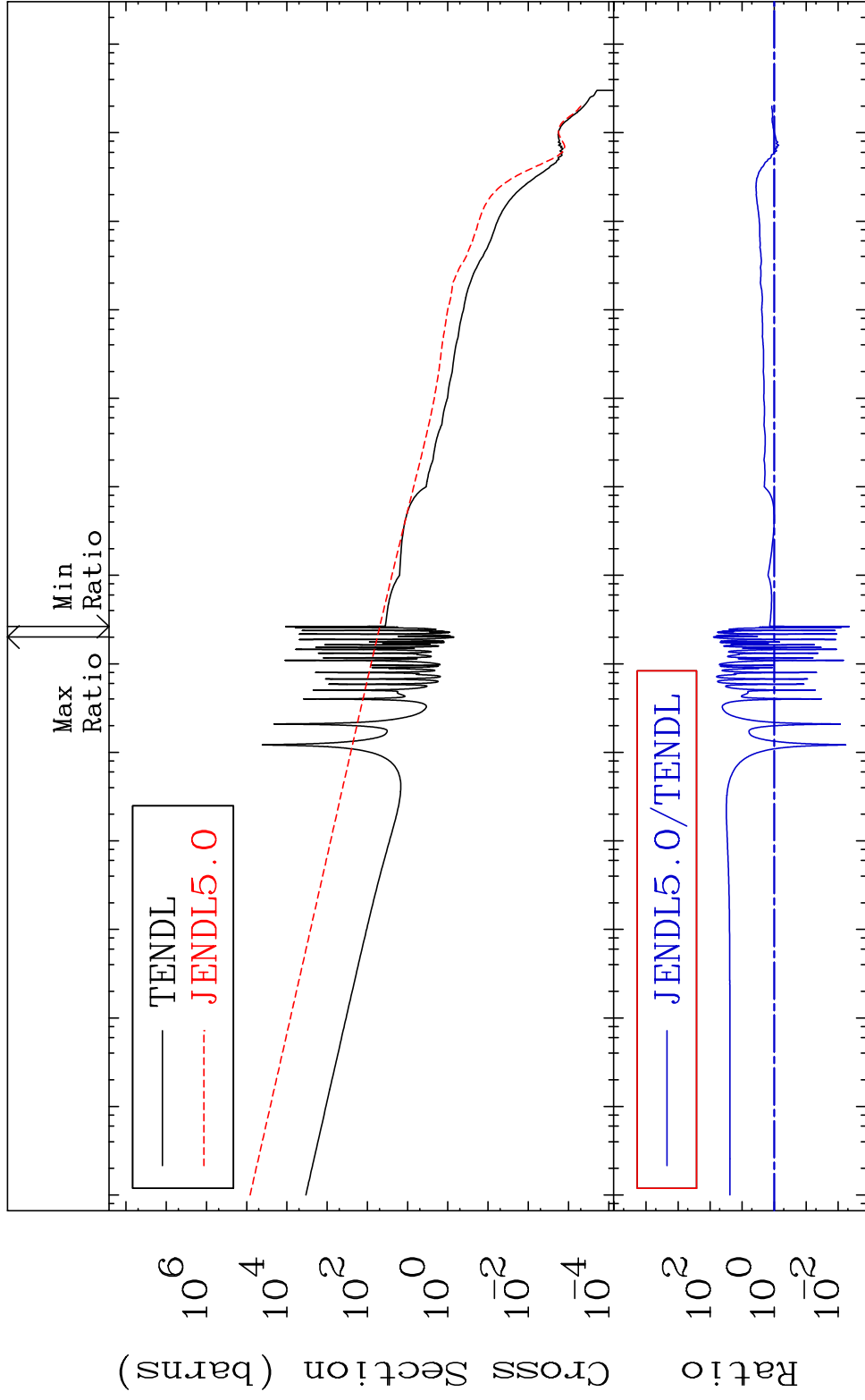


MAT 9037

(n,  $\gamma$ )

90-Th-231

Cross Section -99.55 To 7931. %

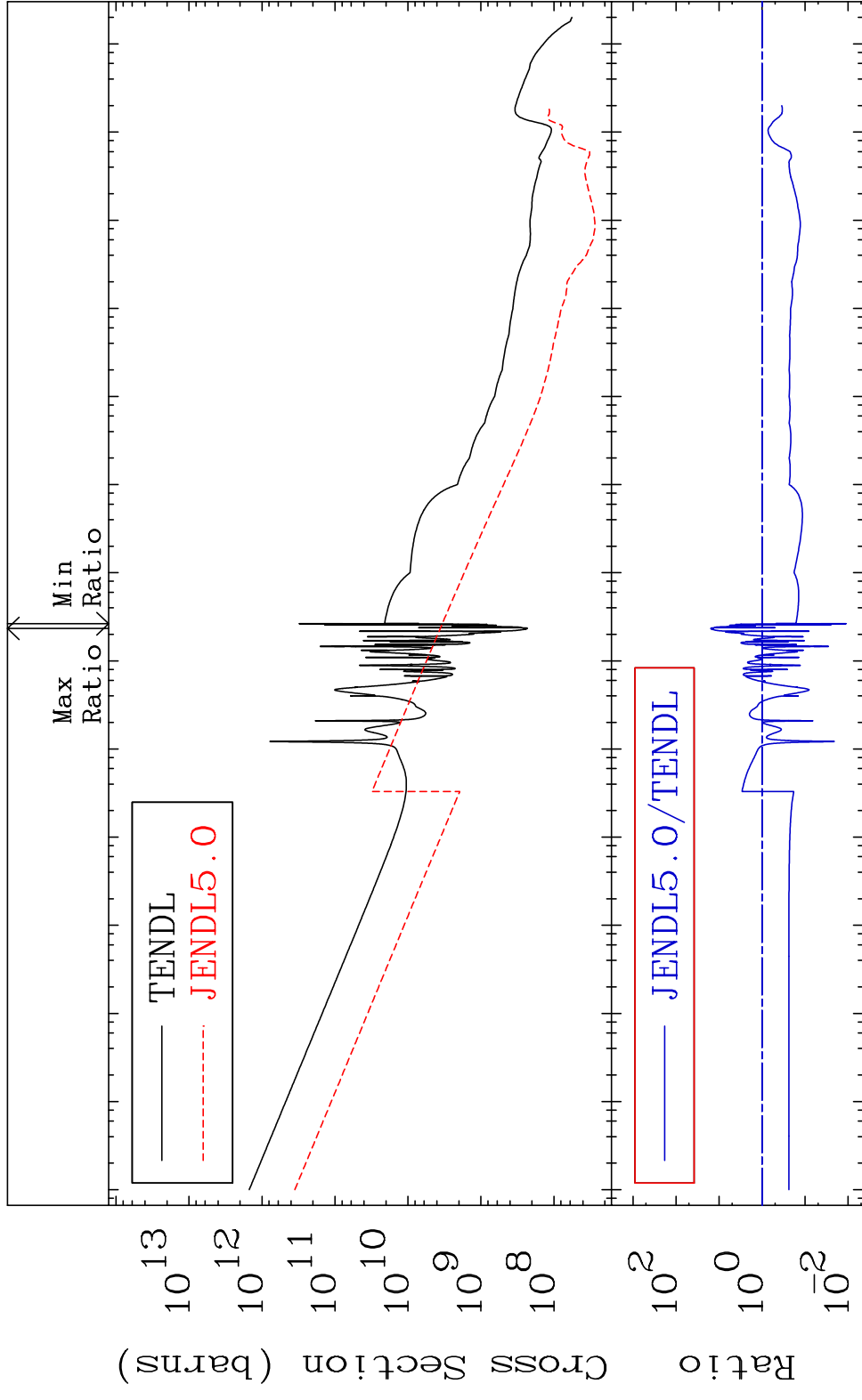


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Incident Energy (eV)

90-Th-231

MAT 9037 Kerma total (eV-barns) 90-Th-231  
 Cross Section -98.90 To 1464. %



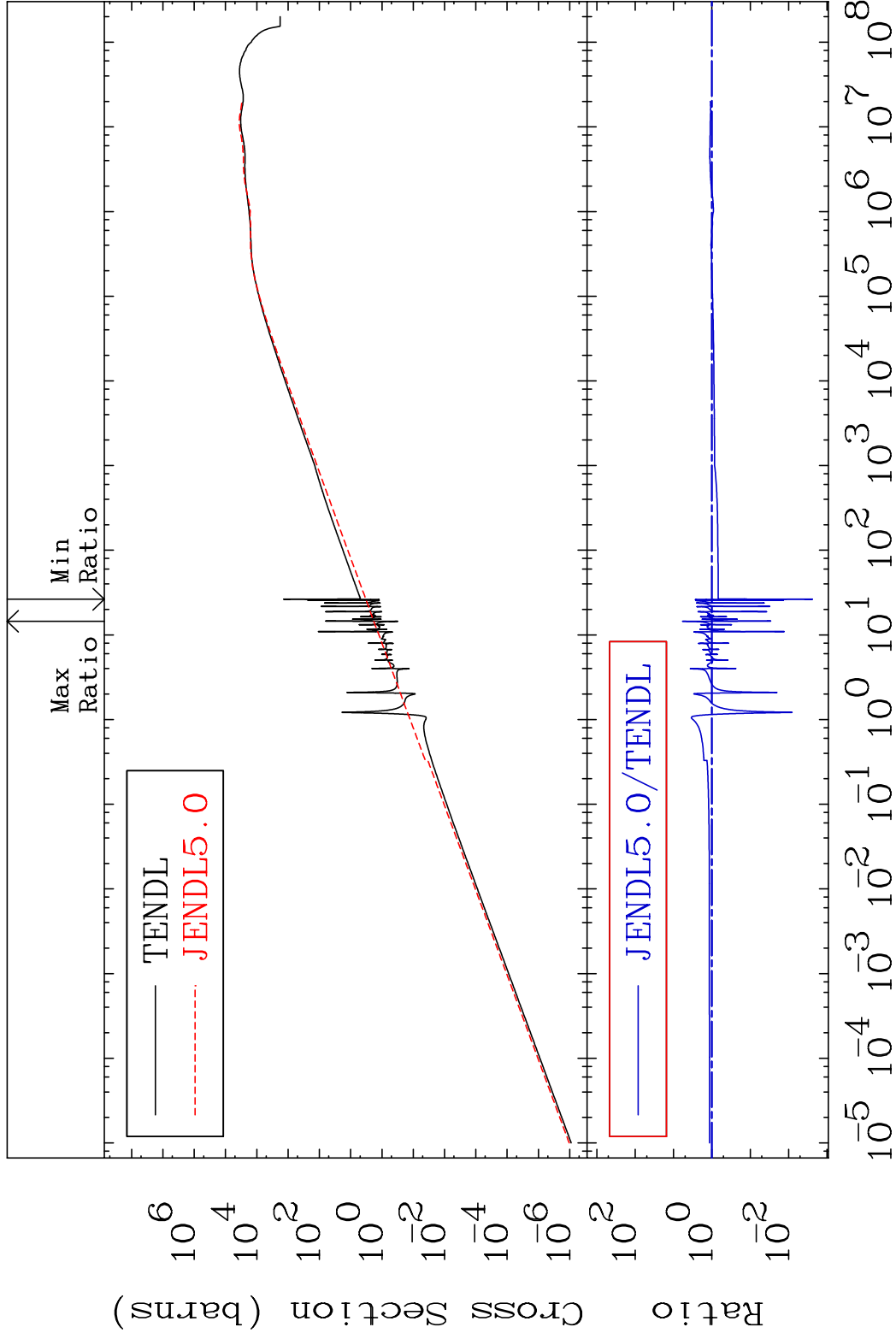
30 Incident Energy (eV) 90-Th-231

MAT 9037

Kerma elastic

90-Th-231

Cross Section -99.76 To 488.3 %



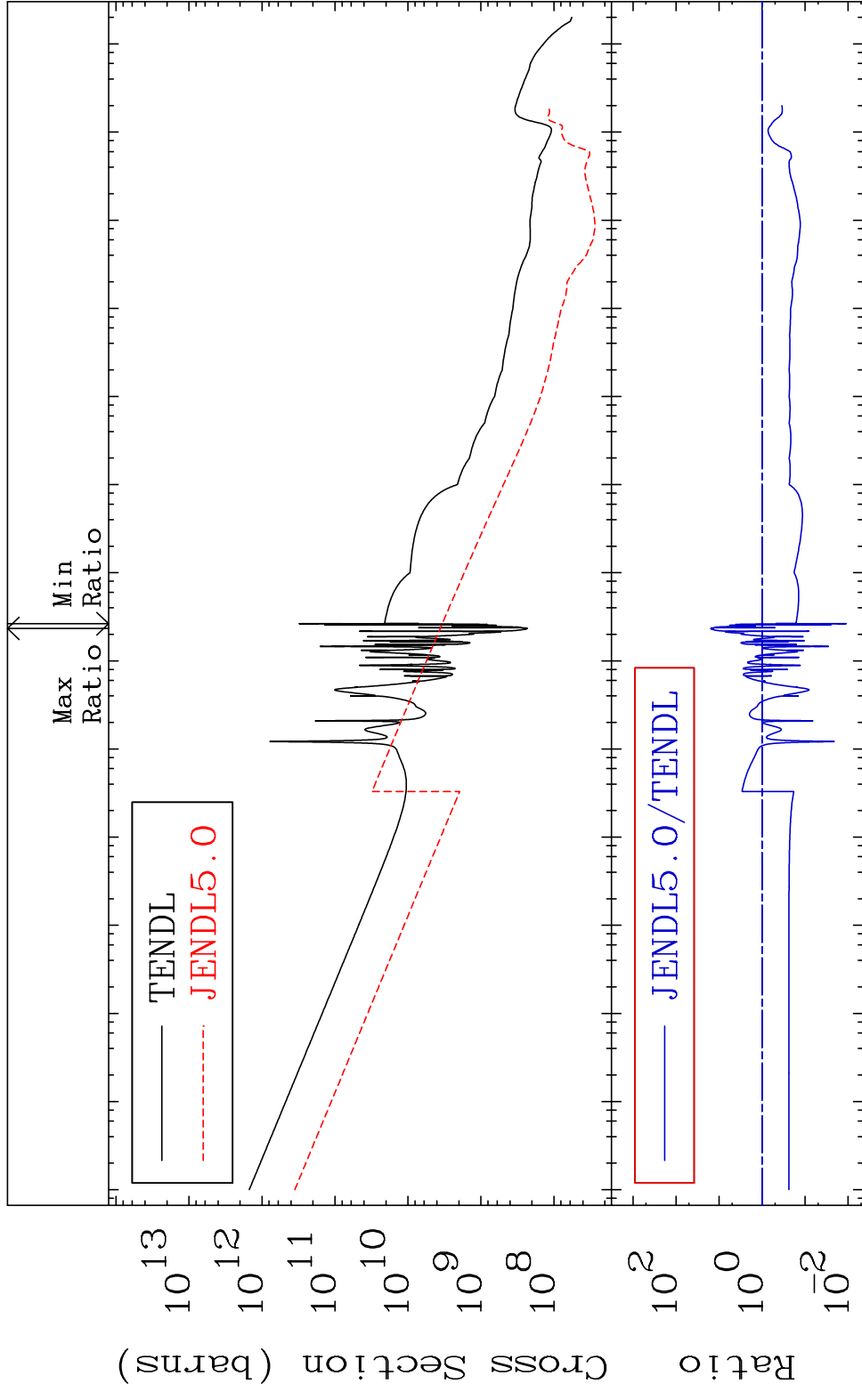
31

Incident Energy (eV)

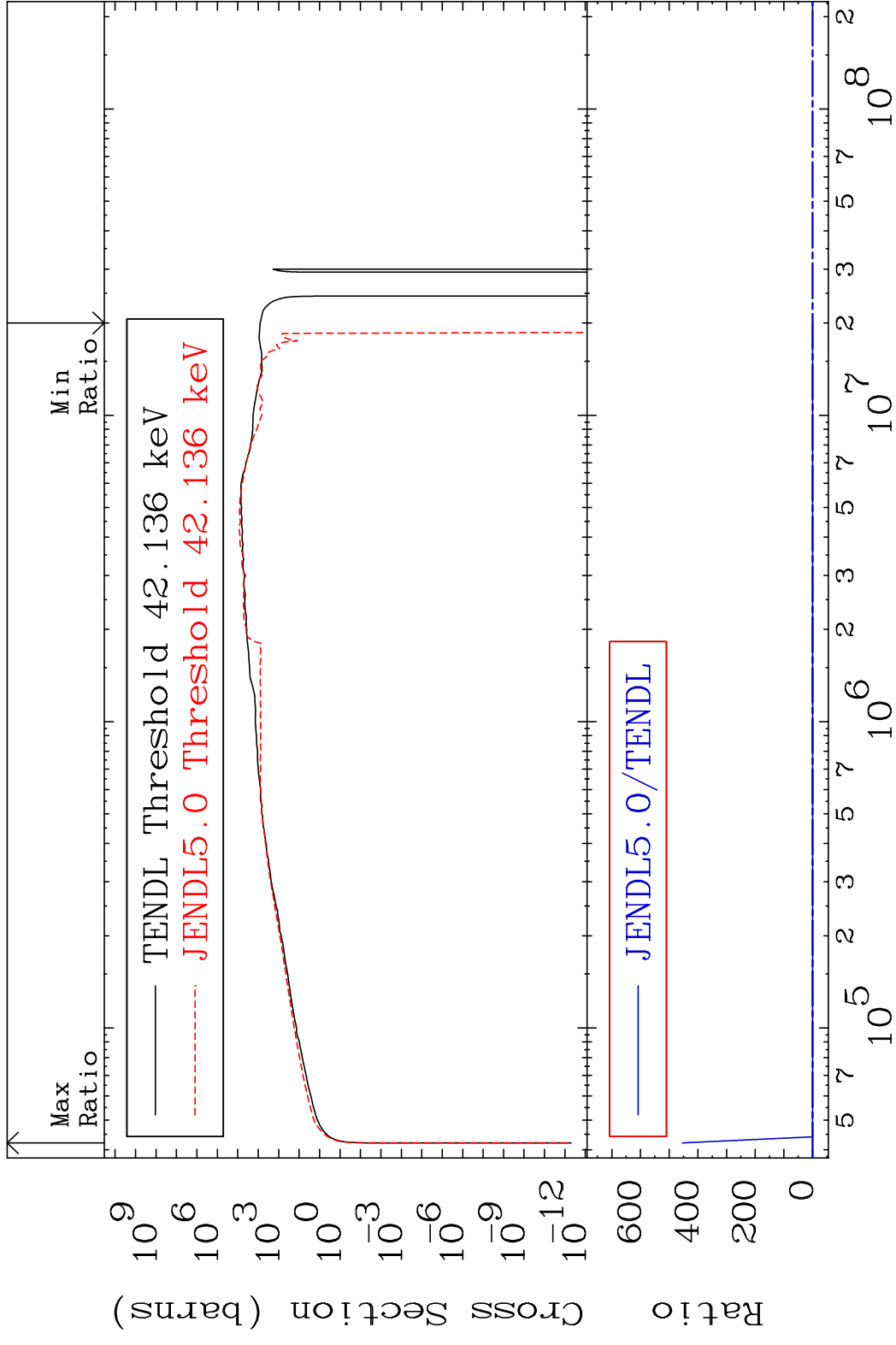
90-Th-231



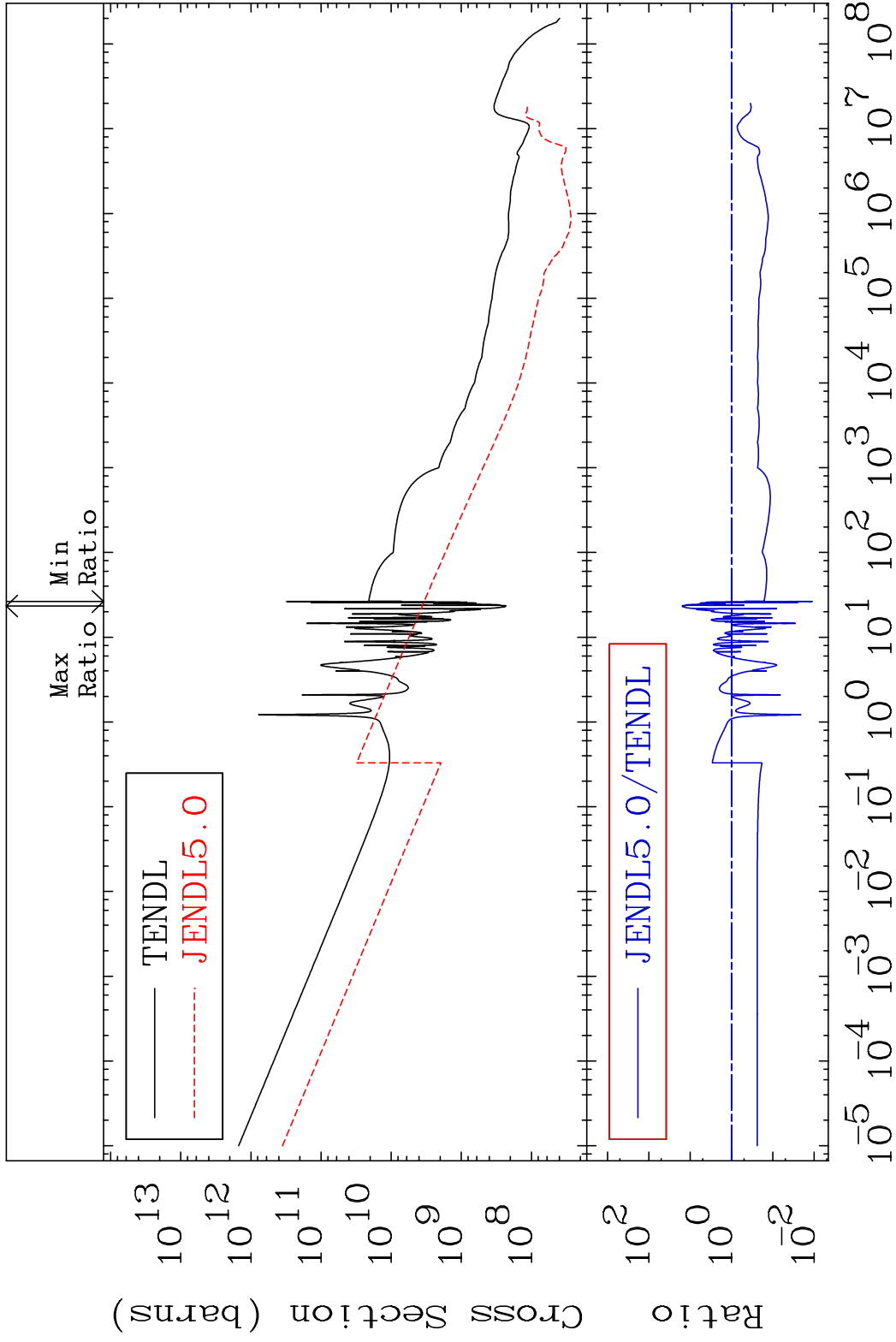
MAT 9037 Kerma non-elastic (all but mt2) 90-Th-231  
 Cross Section -98.90 To 1464. %



MAT 9037 Kerma inelastic (mt51-91) 90-Th-231  
 Cross Section -131.1 To 9999. %

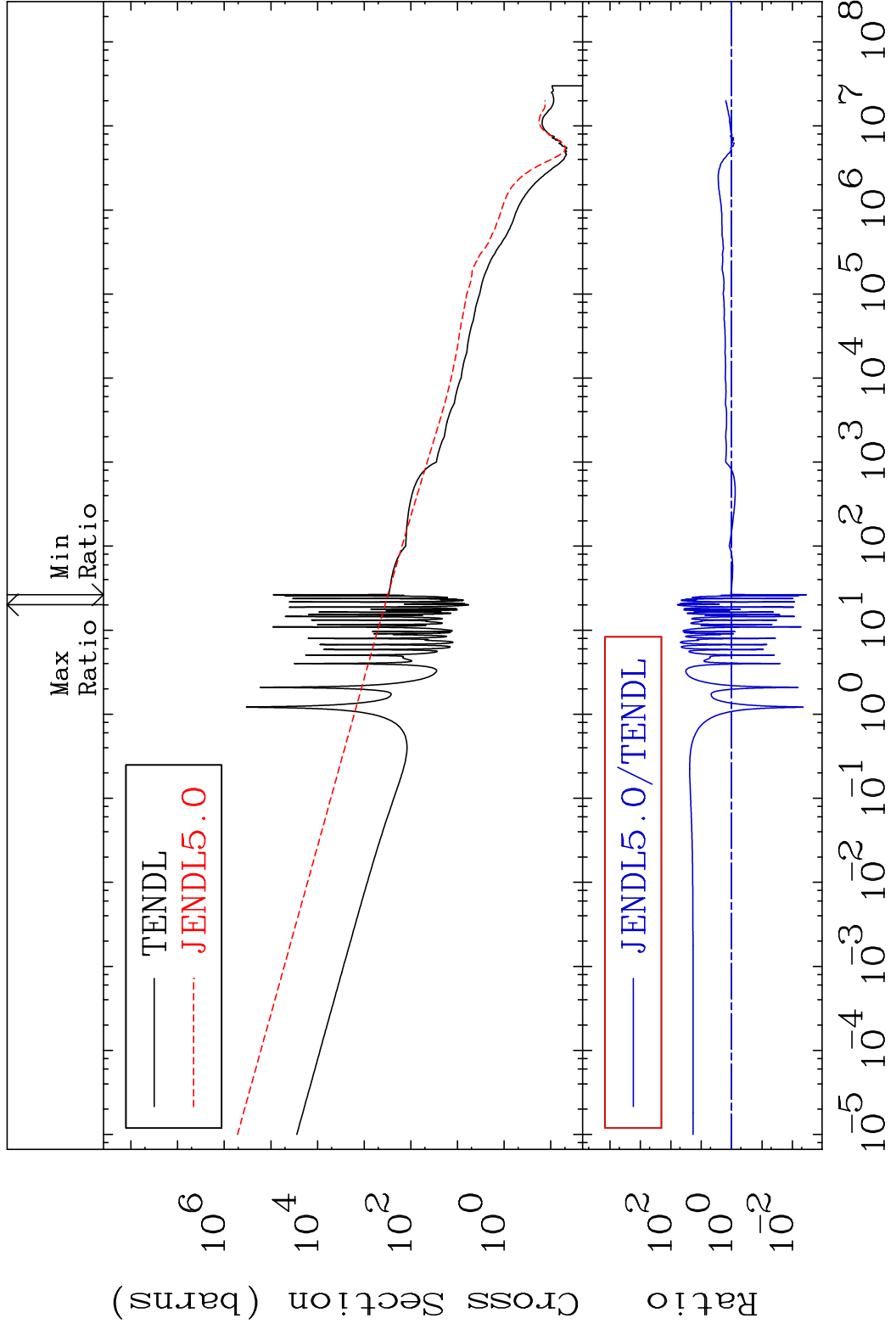


MAT 9037 Kerma fission (mt18 or mt19-20-21-38)90-Th-231  
 Cross Section -98.90 To 1464. %

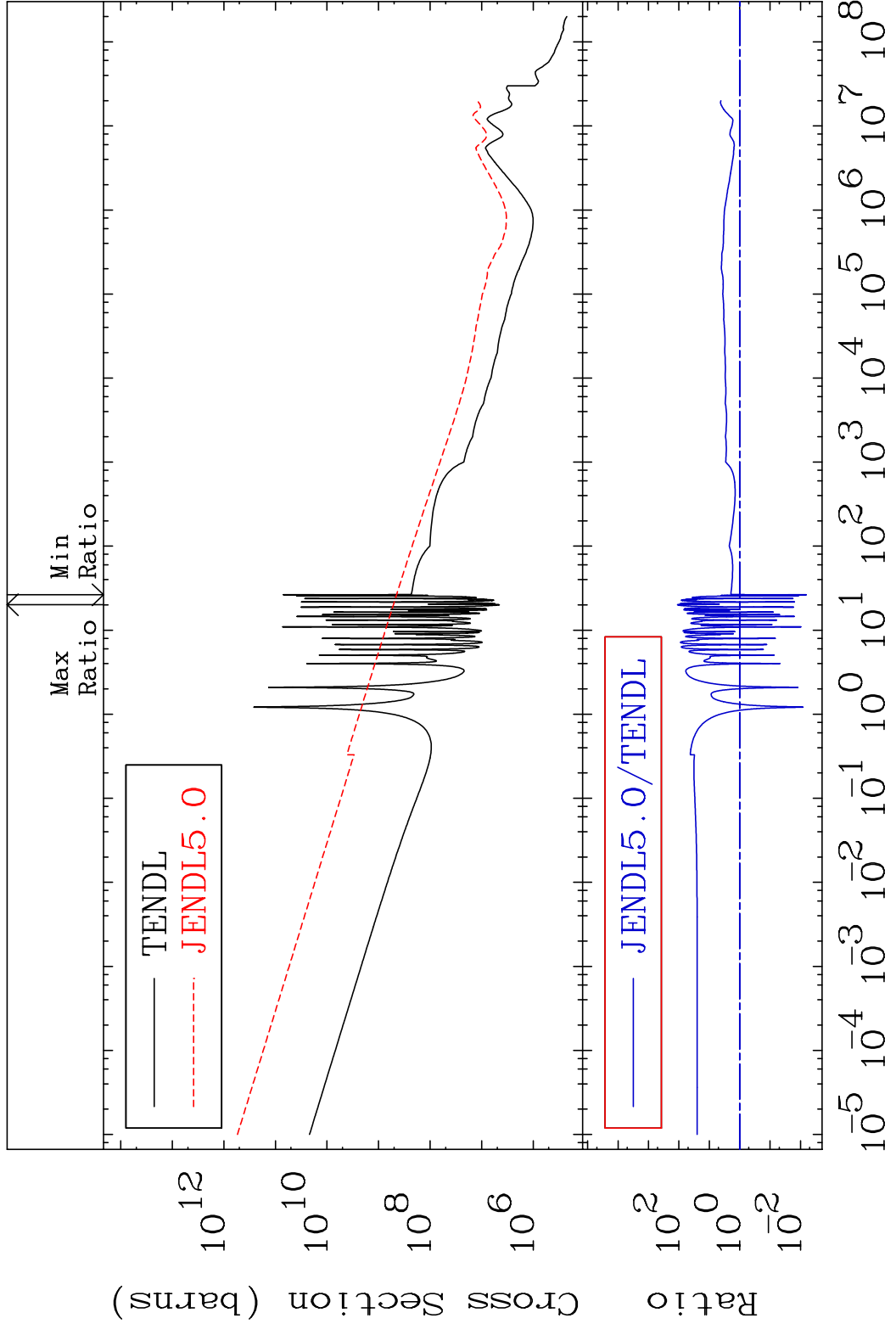


MAT 9037

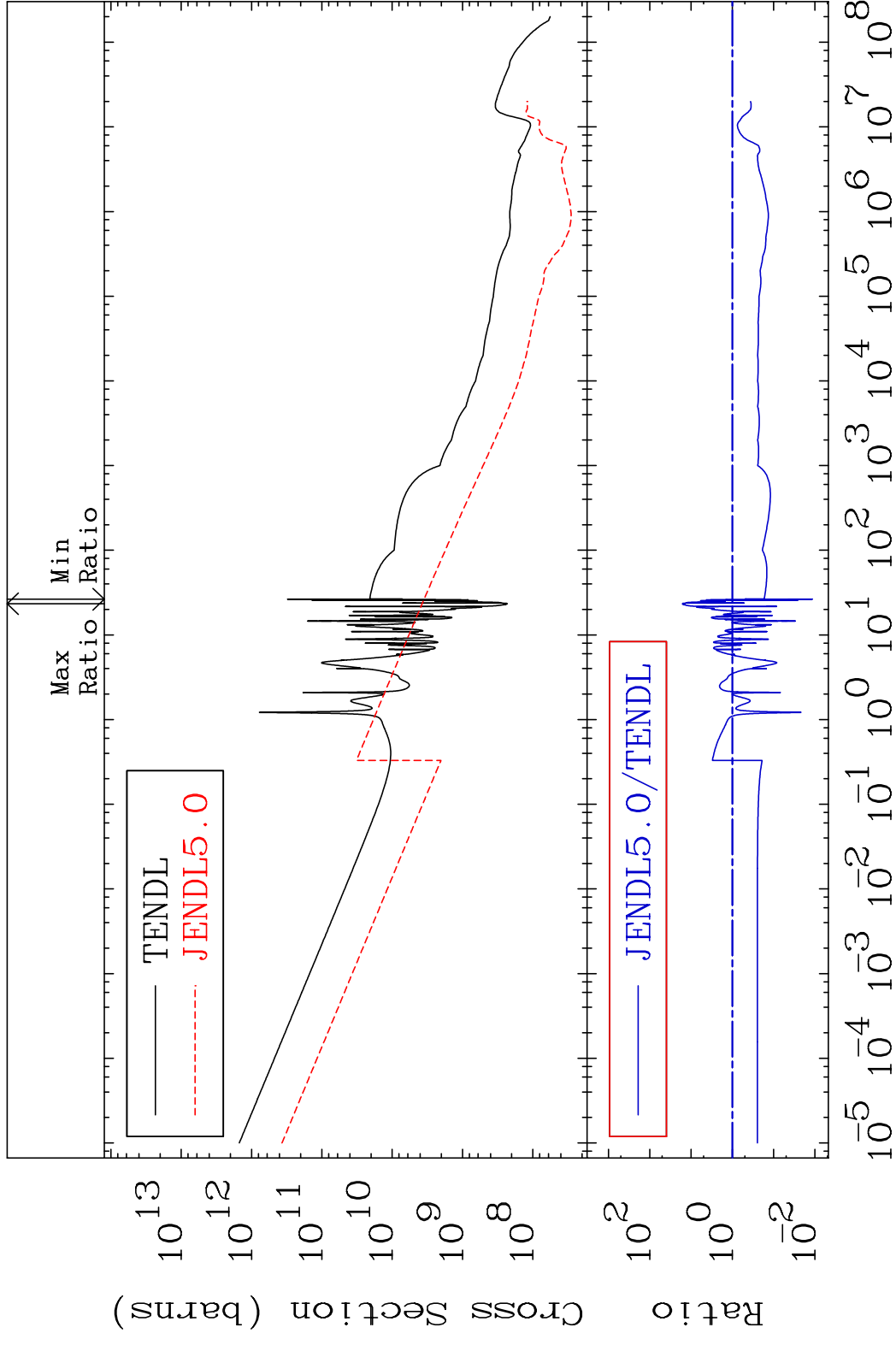
Kerma capture (mt102) 90-Th-231  
Cross Section -99.65 To 6080. %



MAT 9037 Total photon (eV-barns) 90-Th-231  
 Cross Section -99.36 To 9999. %



MAT 9037 Total kinematic kerma (high limit) 90-Th-231  
 Cross Section -98.86 To 1524. %

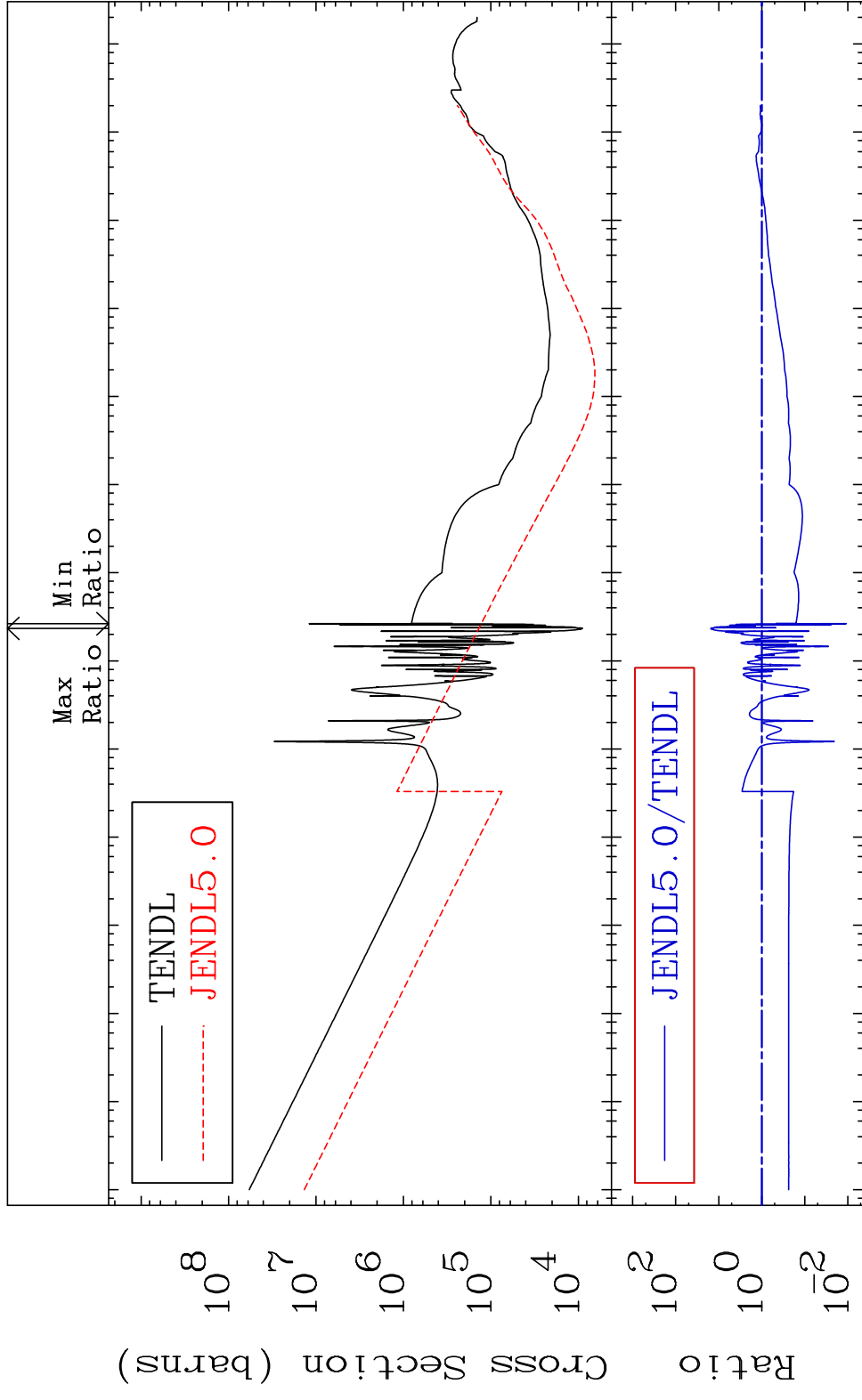


MAT 9037

Dpa total (eV-barns)

90-Th-231

Cross Section -98.92 To 1434. %

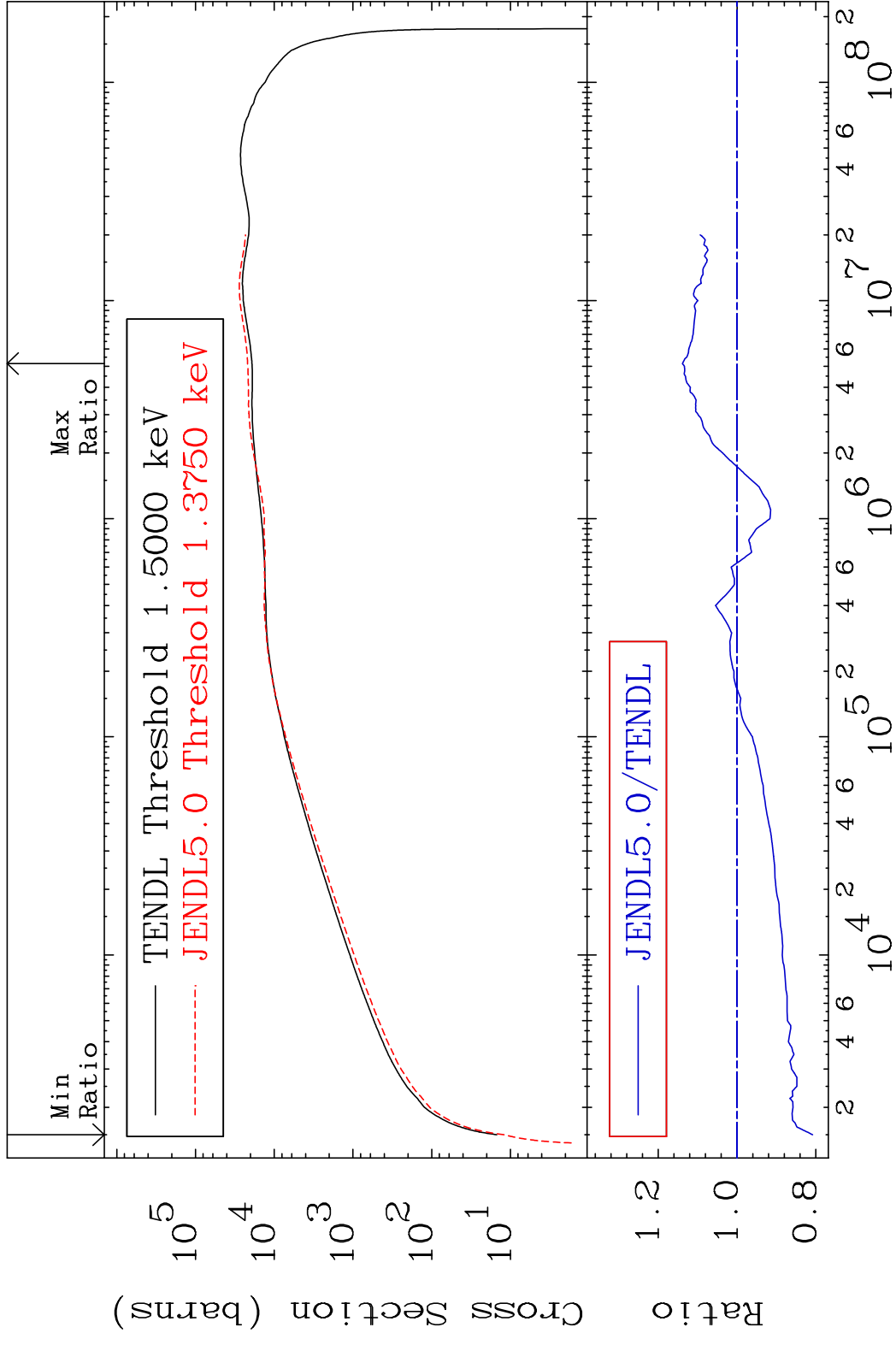


MAT 9037

Dpa elastic (mt2)

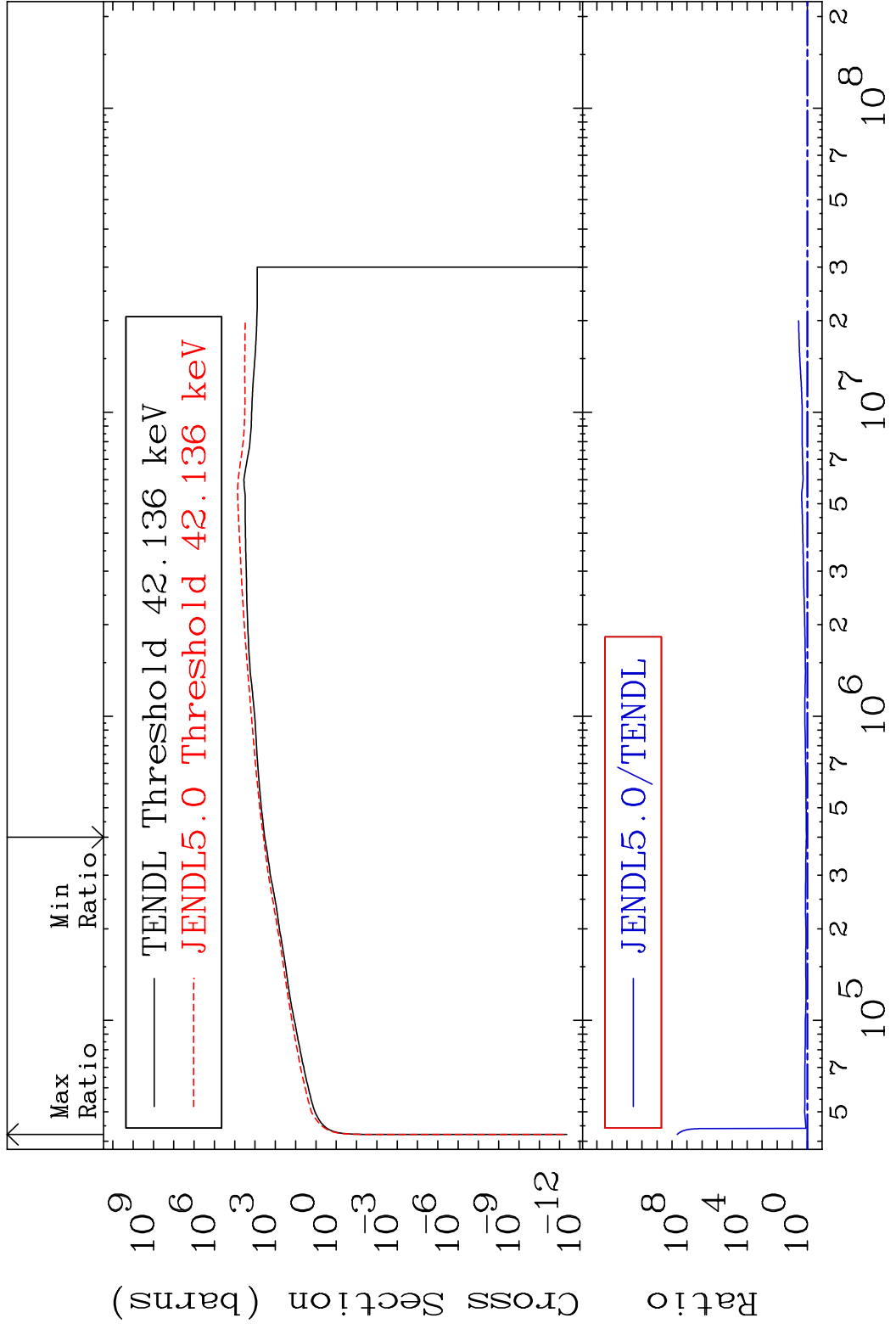
90-Th-231

Cross Section -19.20 To 13.89 %



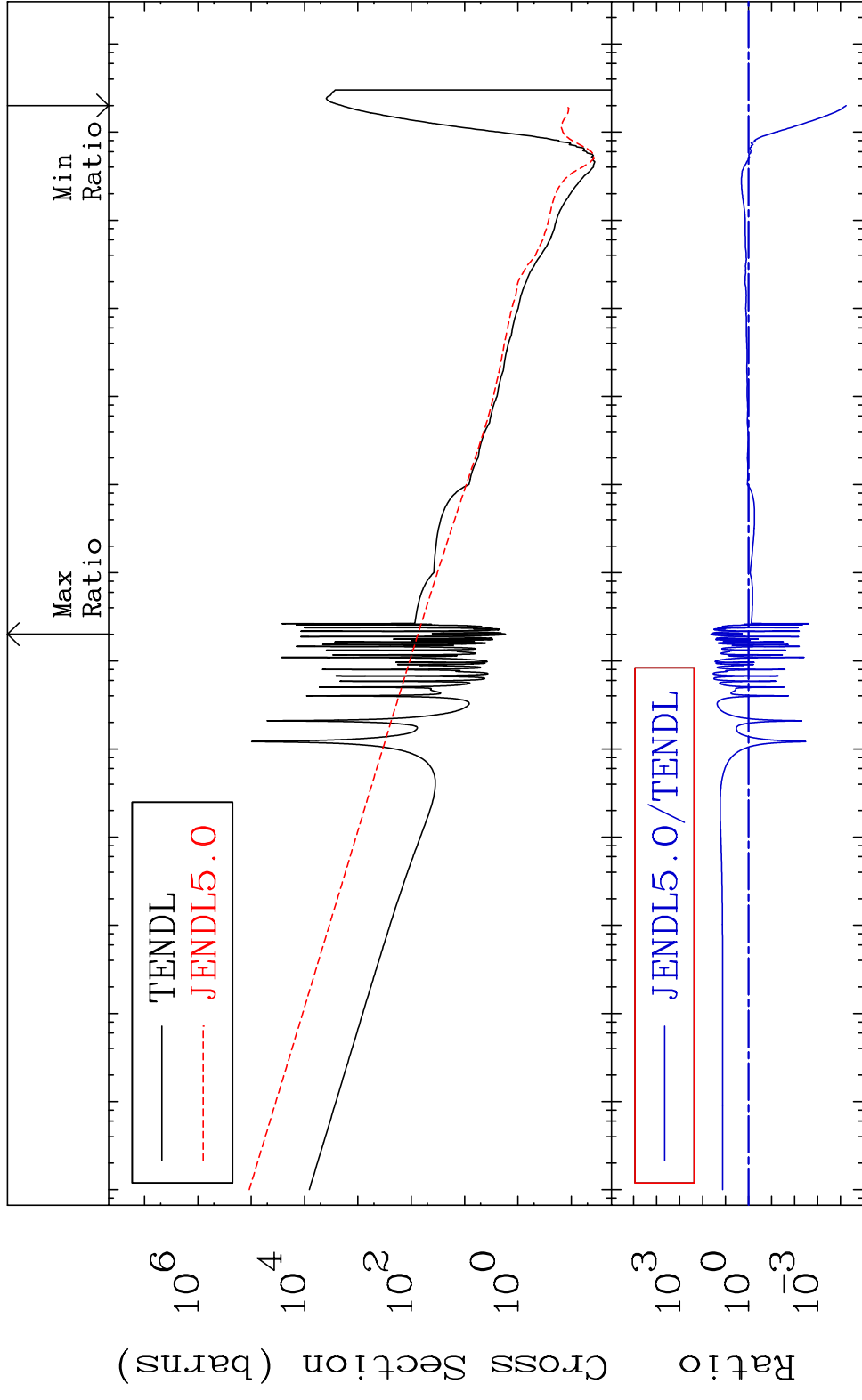


MAT 9037 Dpa inelastic (mt51-91) 90-Th-231  
 Cross Section 14.22 To 9999. %



40 Incident Energy (eV) 90-Th-231

MAT 9037 Dpa disappearance (mt102 -120) 90-Th-231  
 Cross Section -99.99 To 4323. %

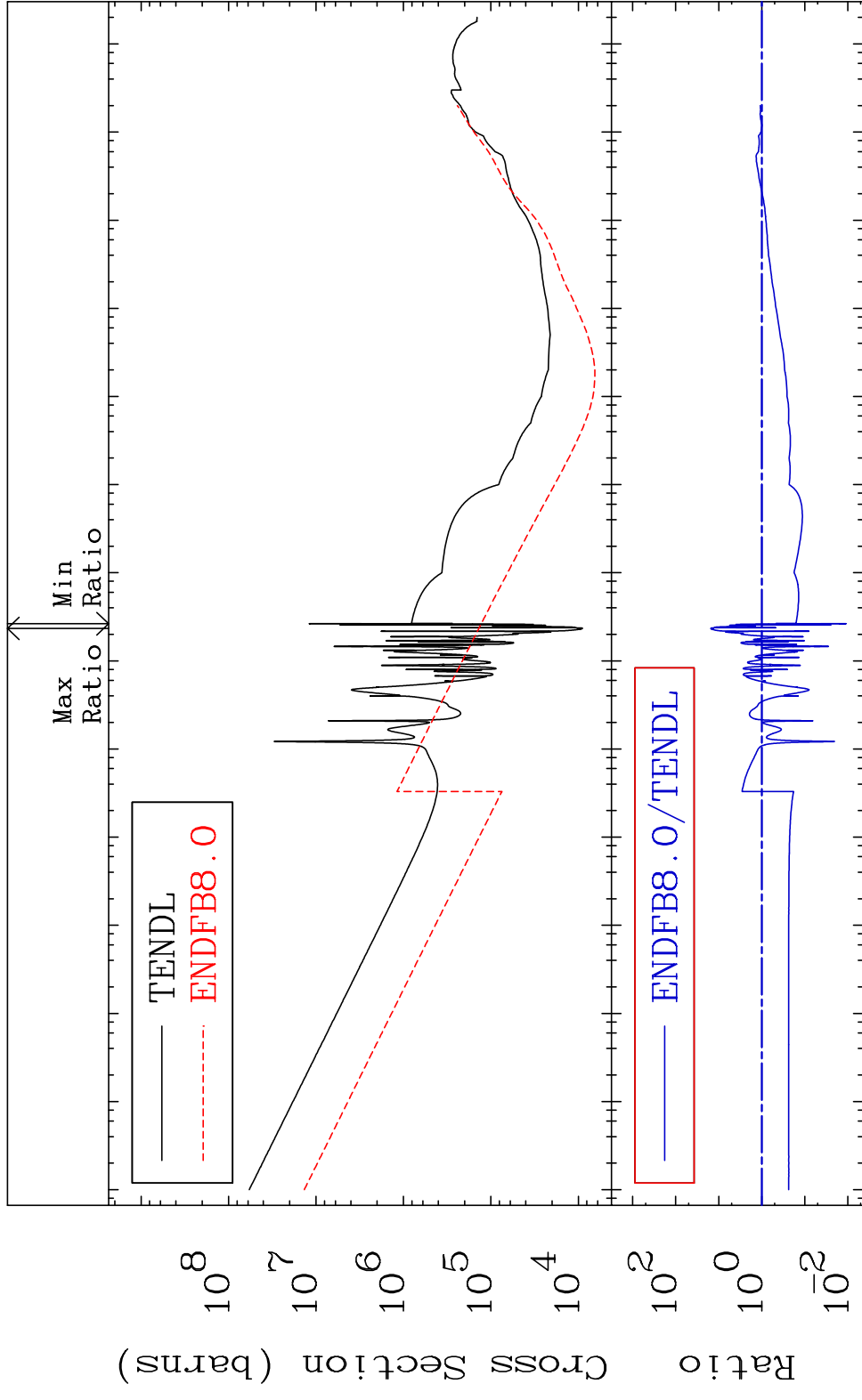


MAT 9037

Dpa total (eV-barns)

90-Th-231

Cross Section -98.92 To 1434. %



42

Incident Energy (eV)

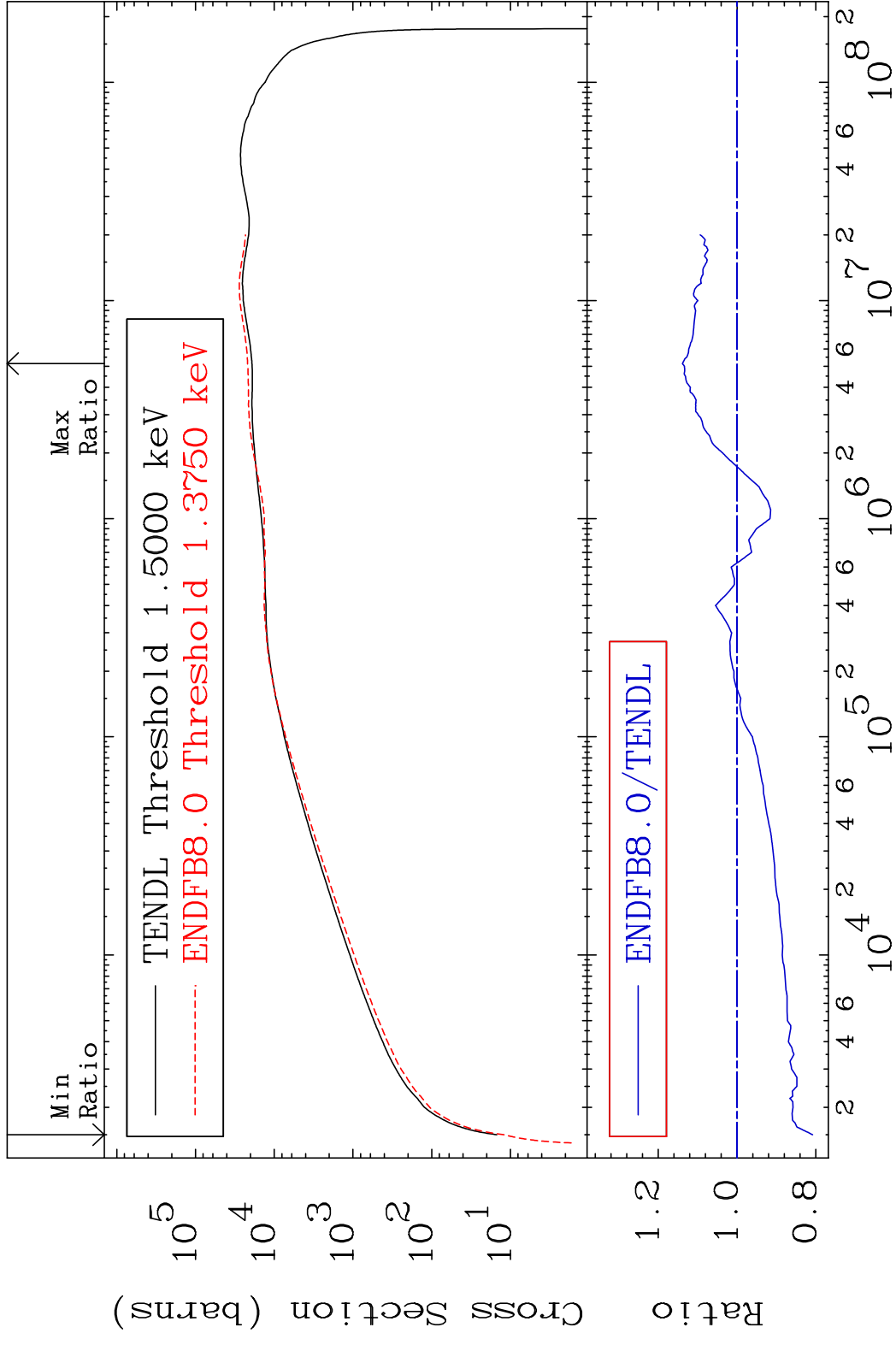
90-Th-231

MAT 9037

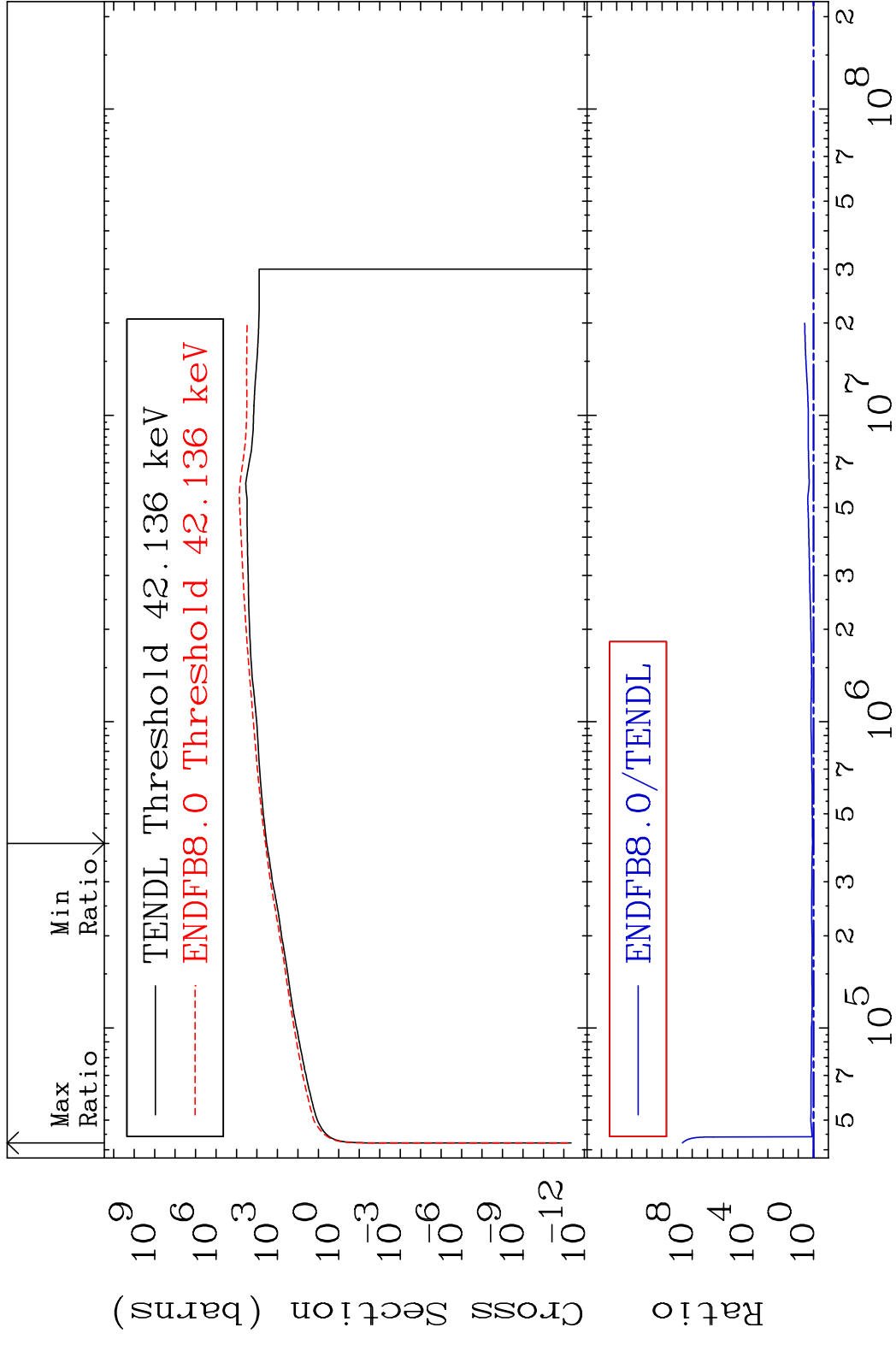
Dpa elastic (mt2)

90-Th-231

Cross Section -19.20 To 13.89 %



MAT 9037      Dpa inelastic (mt51-91)      90-Th-231  
 Cross Section    14.22    To 9999. %



MAT 9037 Dpa disappearance (mt102 -120) 90-Th-231  
 Cross Section -99.99 To 4323. %

