

Program Complot
(Version 2021-1)

by

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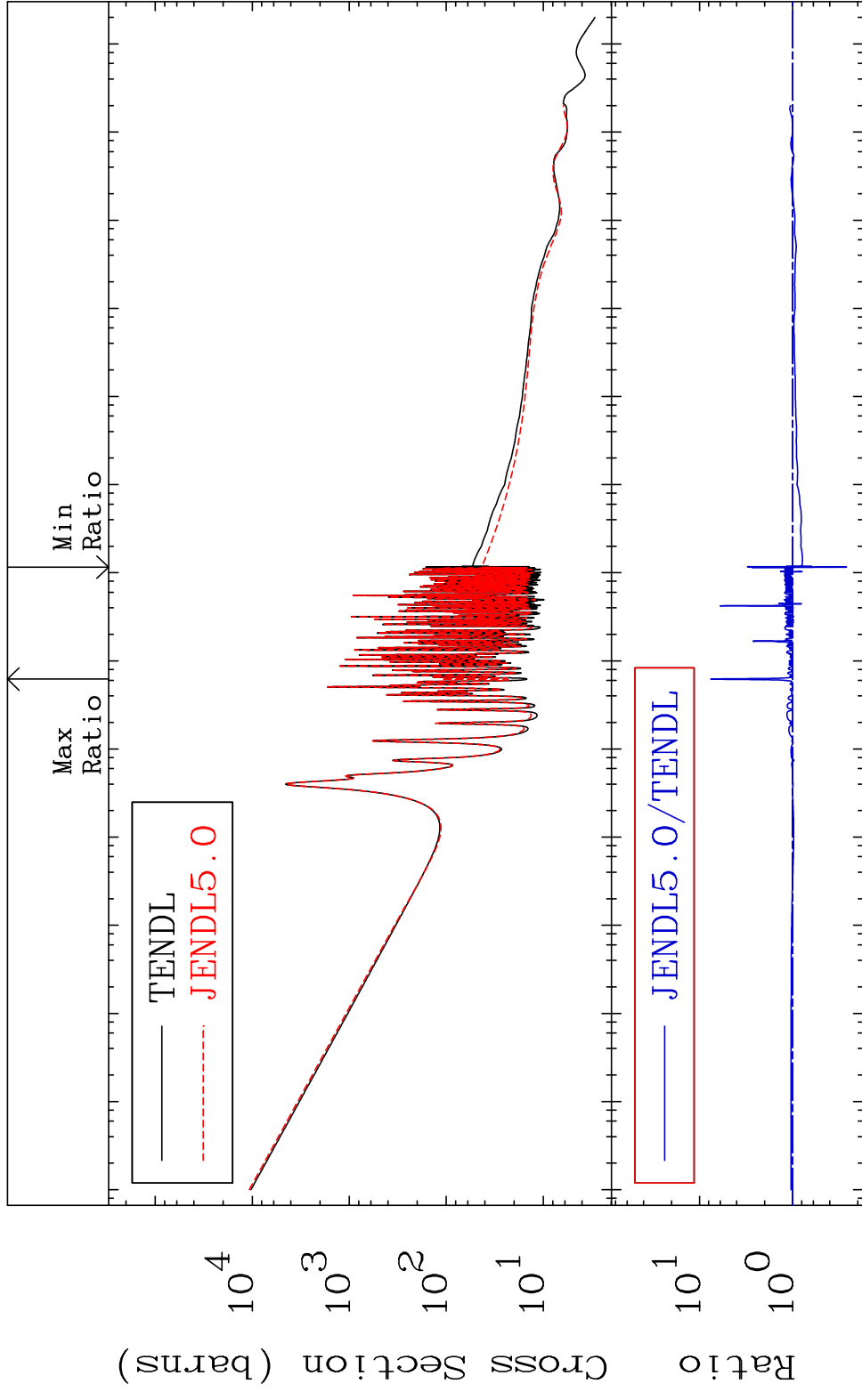
Press Mouse Button to Start

MAT 9131

Total

91-Pa-231

Cross Section -73.45 To 659.3 %



1

Incident Energy (eV)

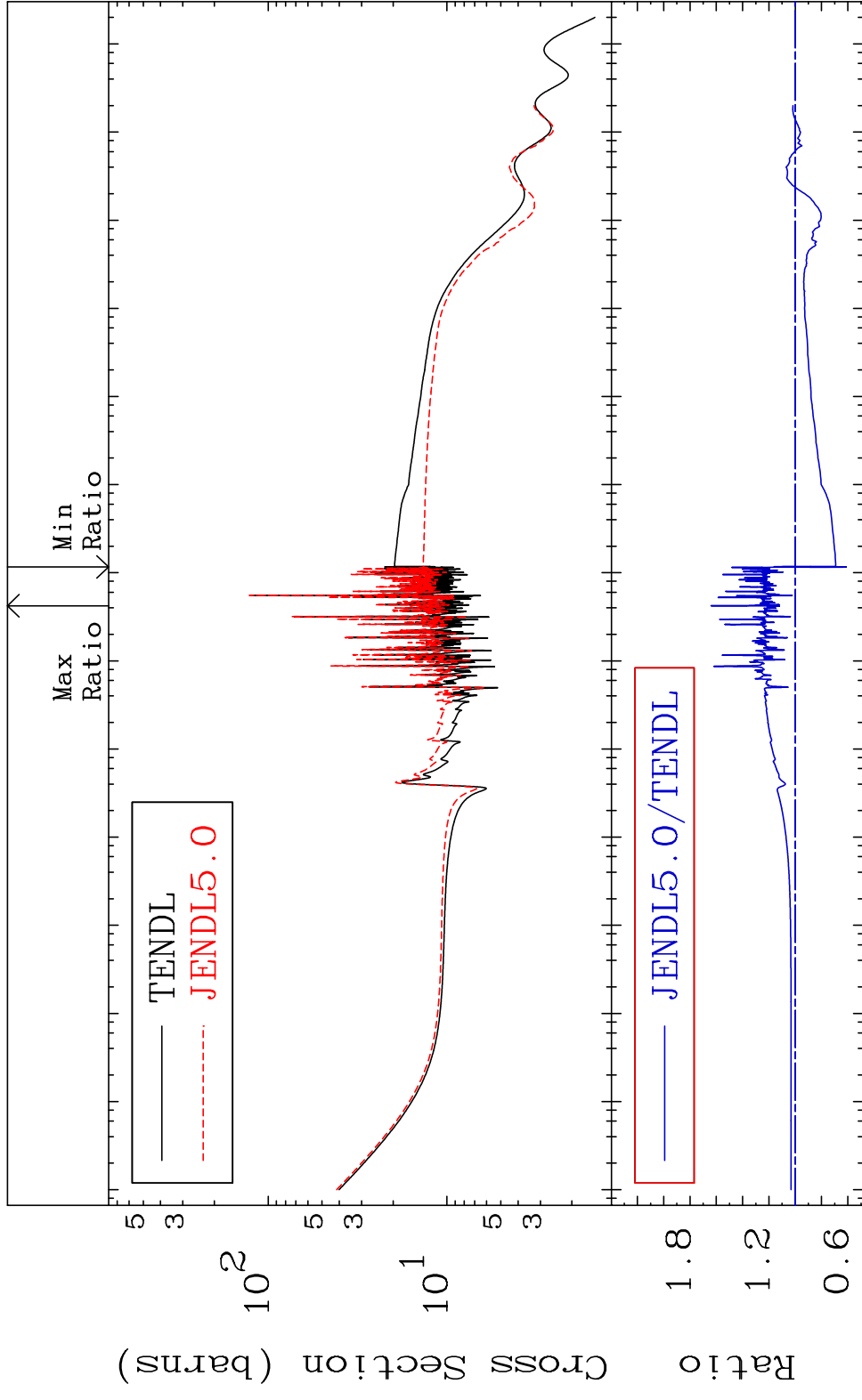
91-Pa-231

MAT 9131

Elastic

91-Pa-231

Cross Section -38.85 To 64.25 %



2

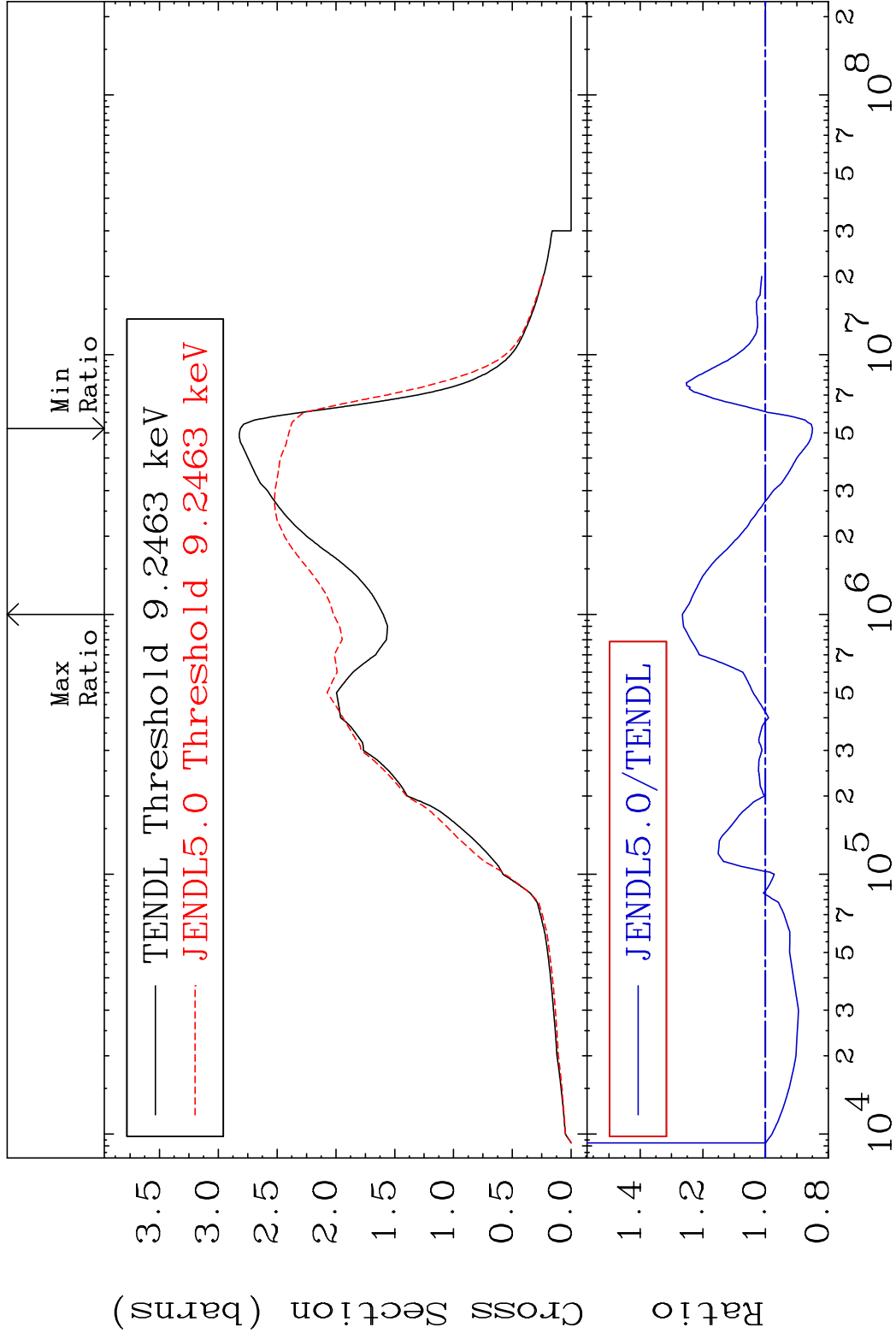
Incident Energy (eV)

91-Pa-231

MAT 9131

Inelastic
Cross Section -15.04 To 26.55 %

91-Pa-231



3

Incident Energy (eV)

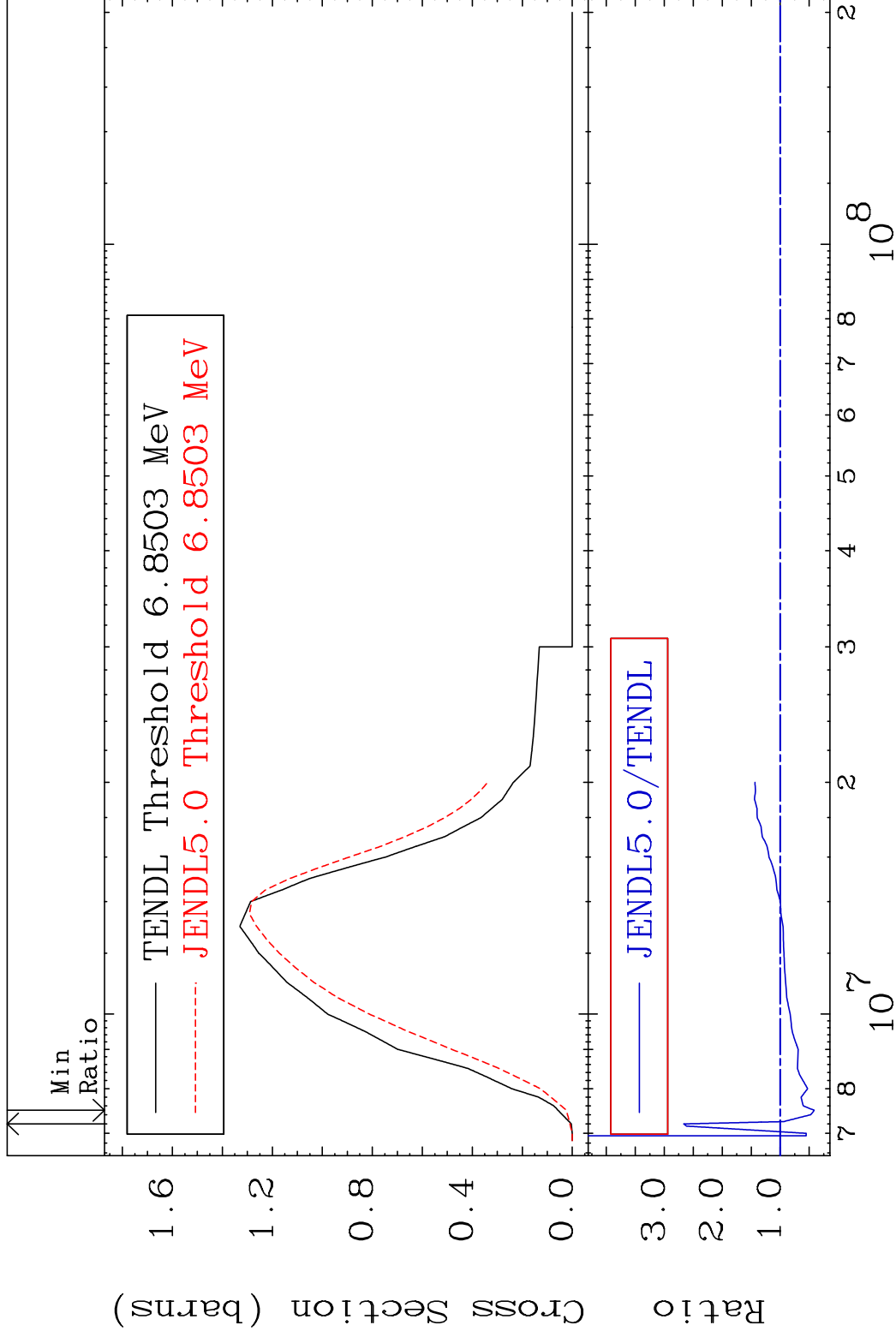
91-Pa-231

MAT 9131

(n,2n)

91-Pa-231

Cross Section -58.49 To 166.6 %



4

Incident Energy (eV)

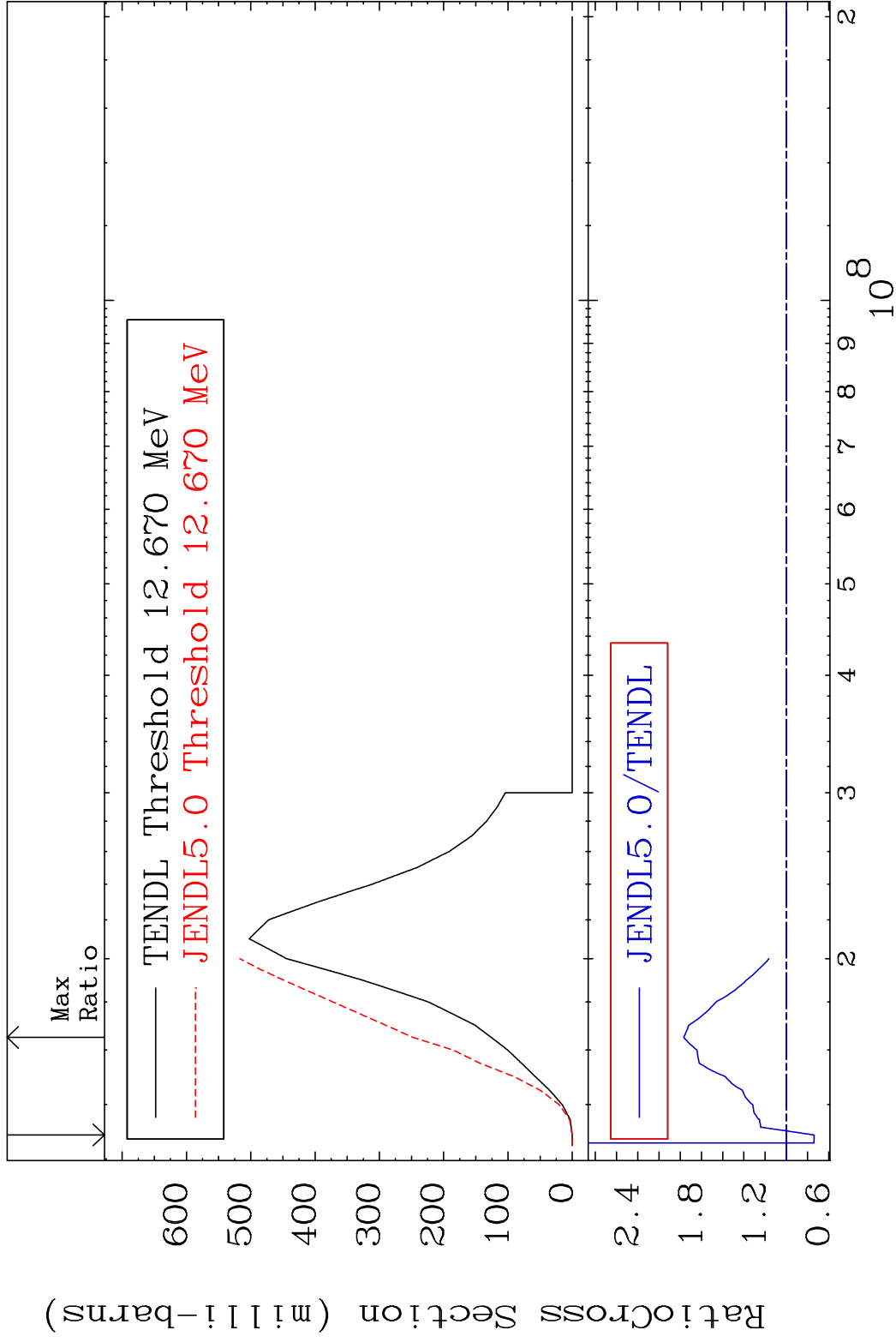
91-Pa-231

MAT 9131

(n,3n)

91-Pa-231

Cross Section -26.11 To 96.72 %



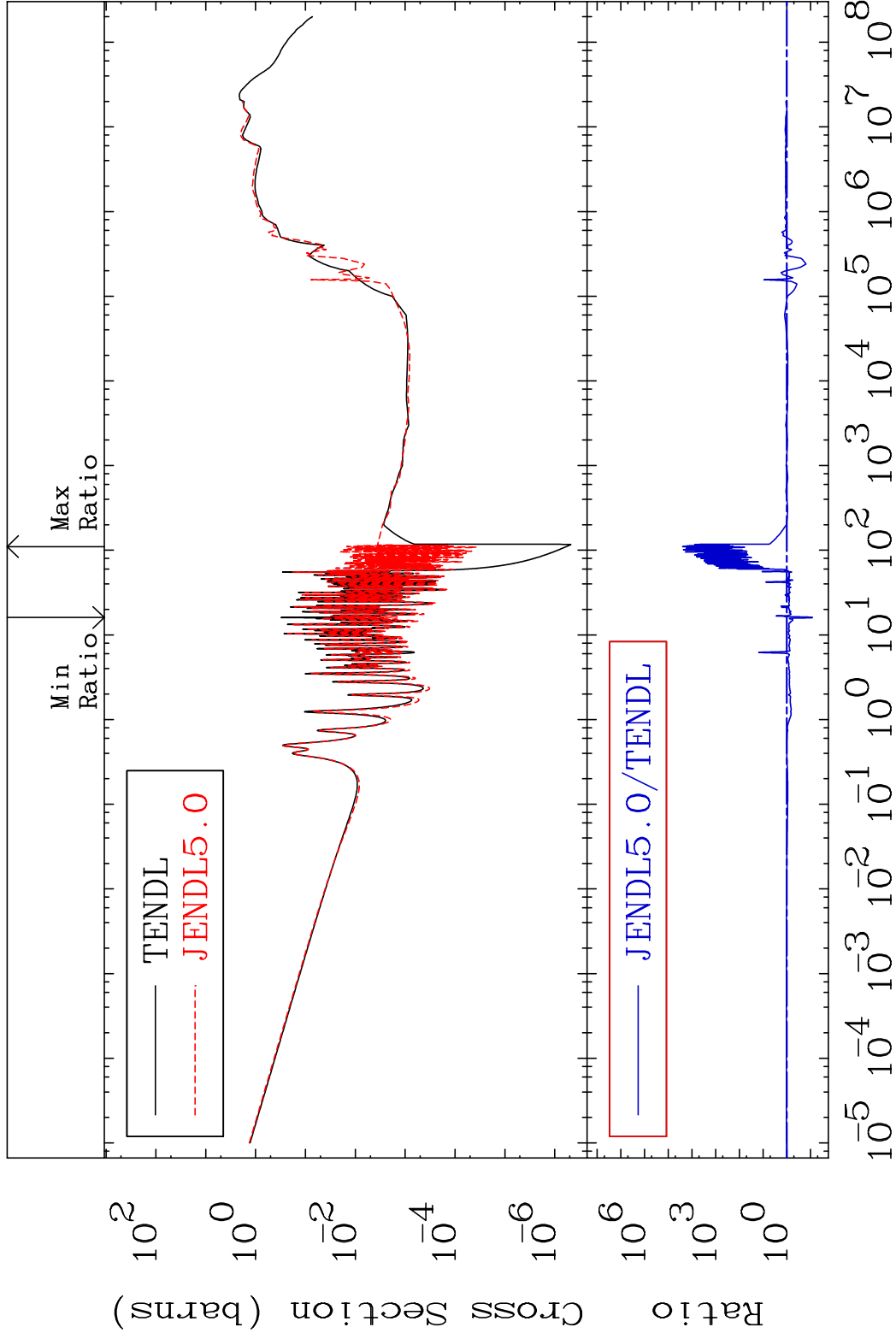
5

Incident Energy (eV)

91-Pa-231

MAT 9131

Fission Cross Section -91.84 To 9999. %
91-Pa-231

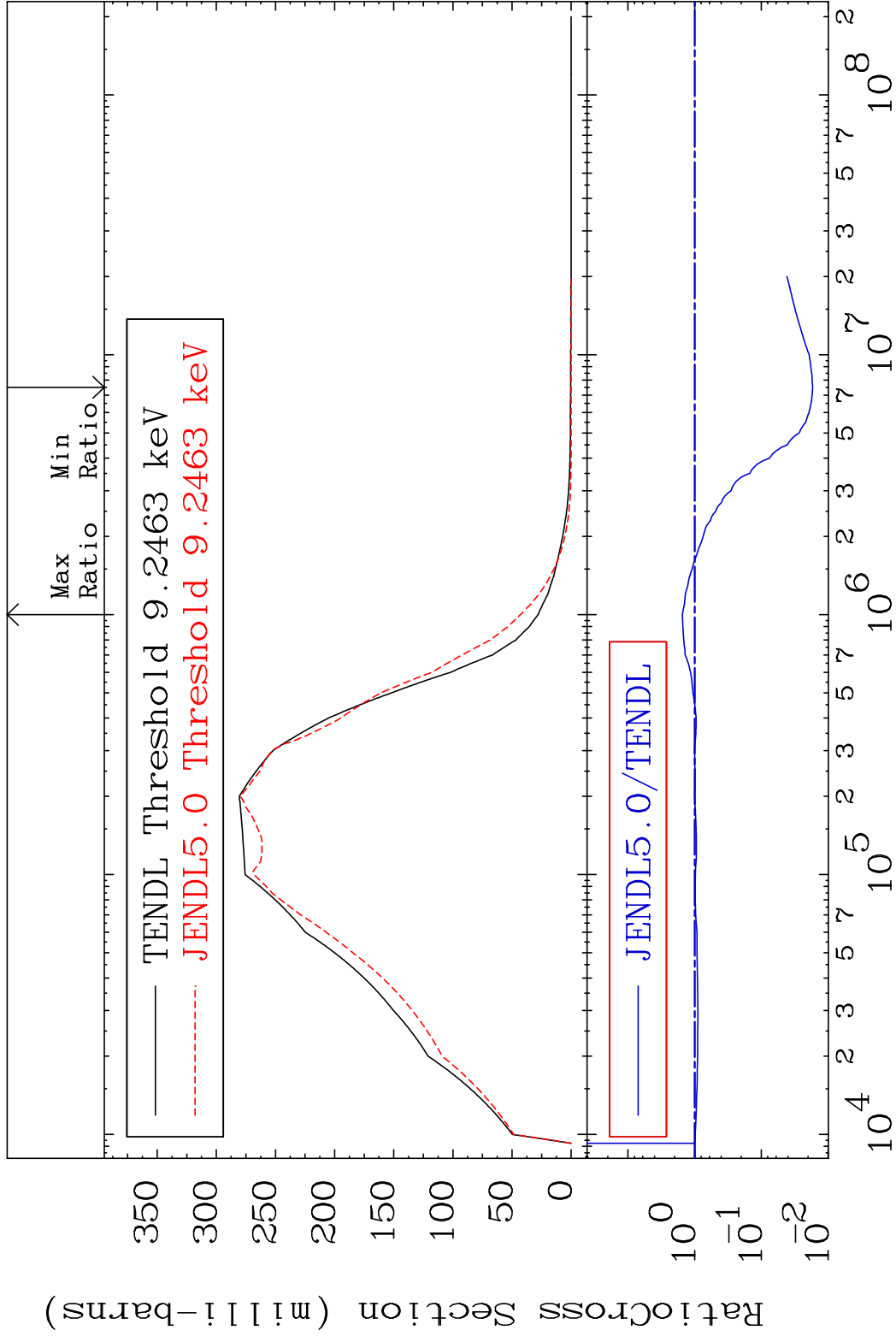


MAT 9131

MT= 51 (n, n') Level

91-Pa-231

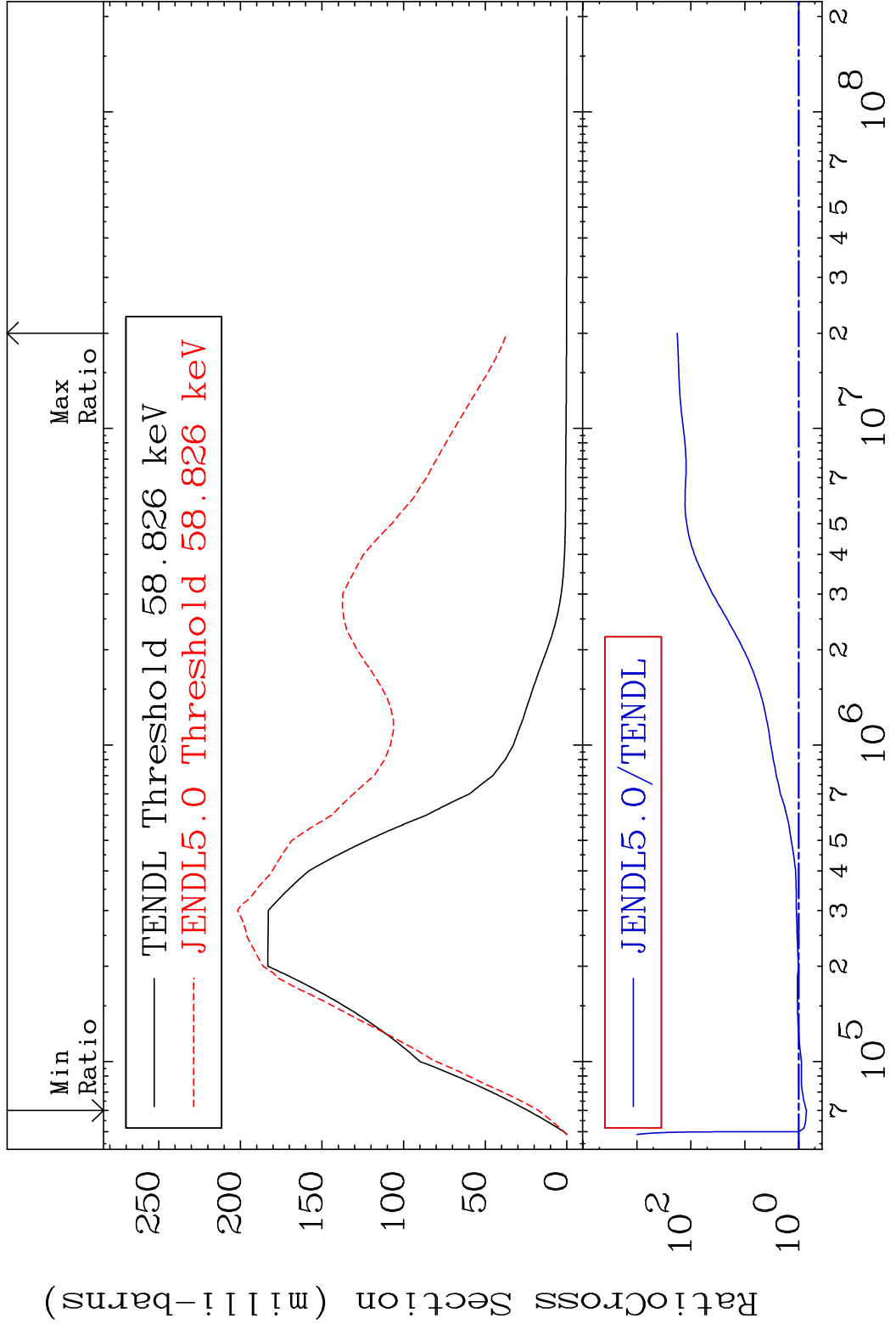
Cross Section -98.29 To 52.79 %



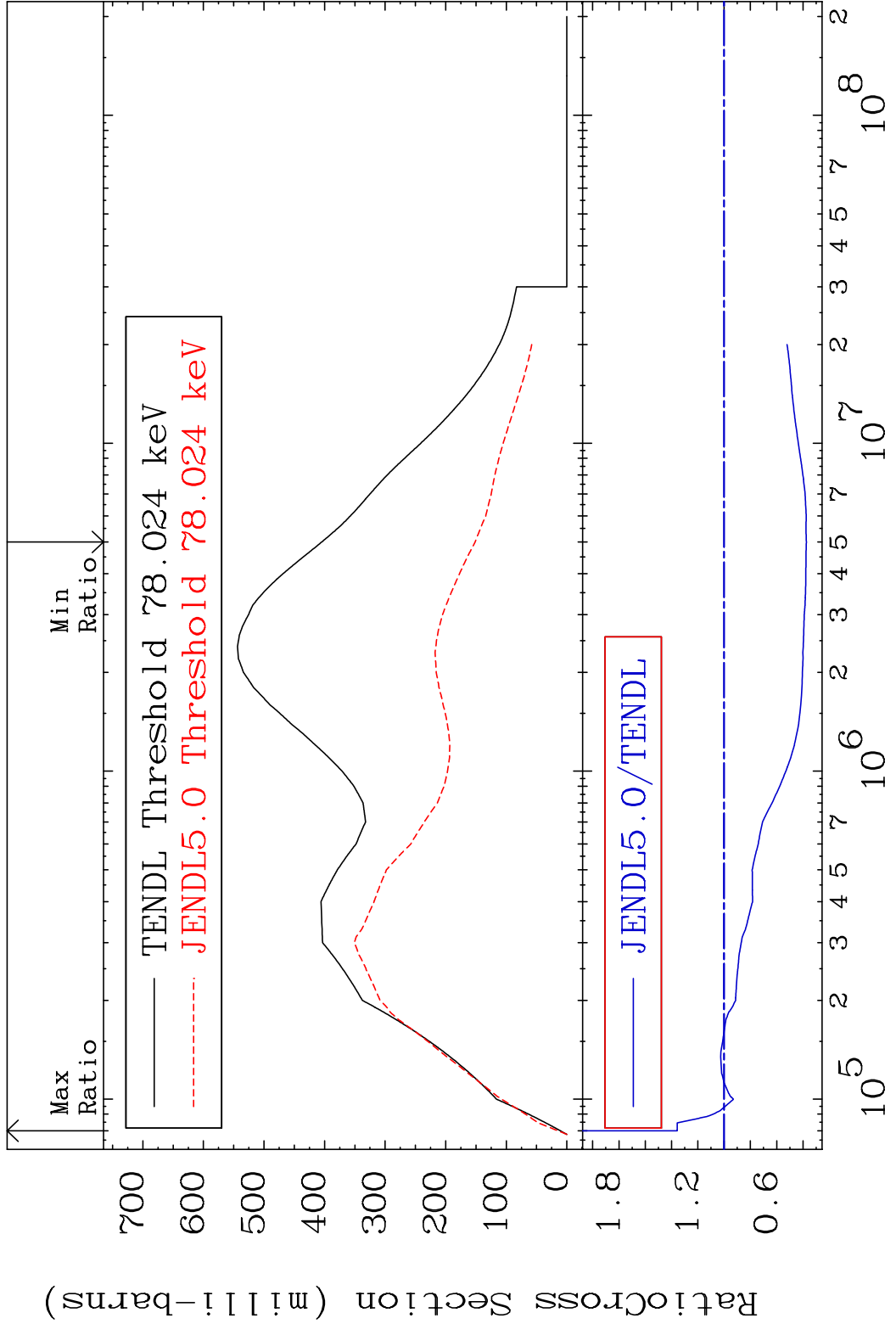
91-Pa-231

Incident Energy (eV)

MAT 9131 MT= 52 (n,n') Level 91-Pa-231
 Cross Section -28.02 To 9999. %



MAT 9131 MT= 53 (n, n') Level 91-Pa-231
 Cross Section -62.59 To 35.70 %

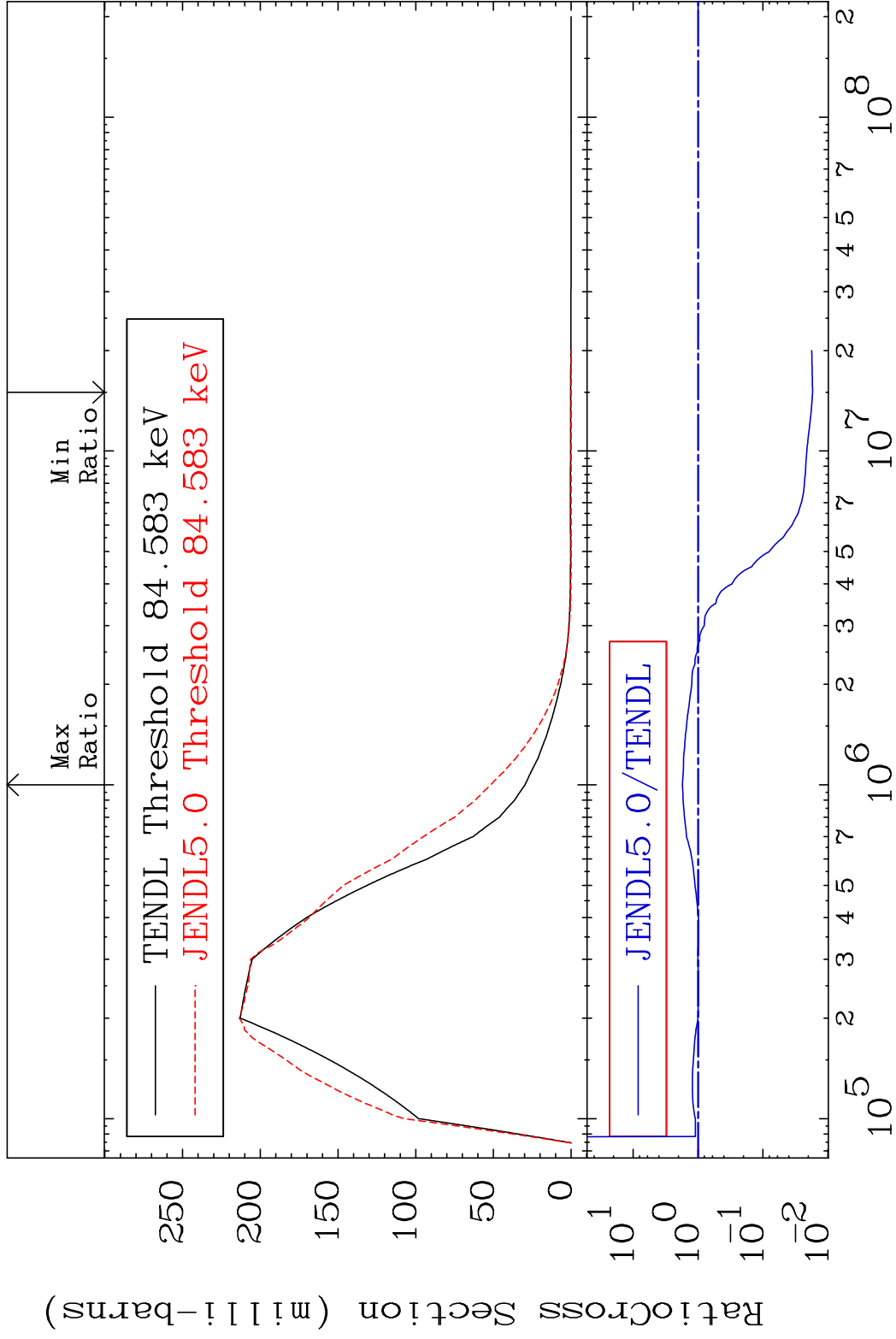


MAT 9131

MT= 54 (n, n') Level

91-Pa-231

Cross Section -98.28 To 74.49 %

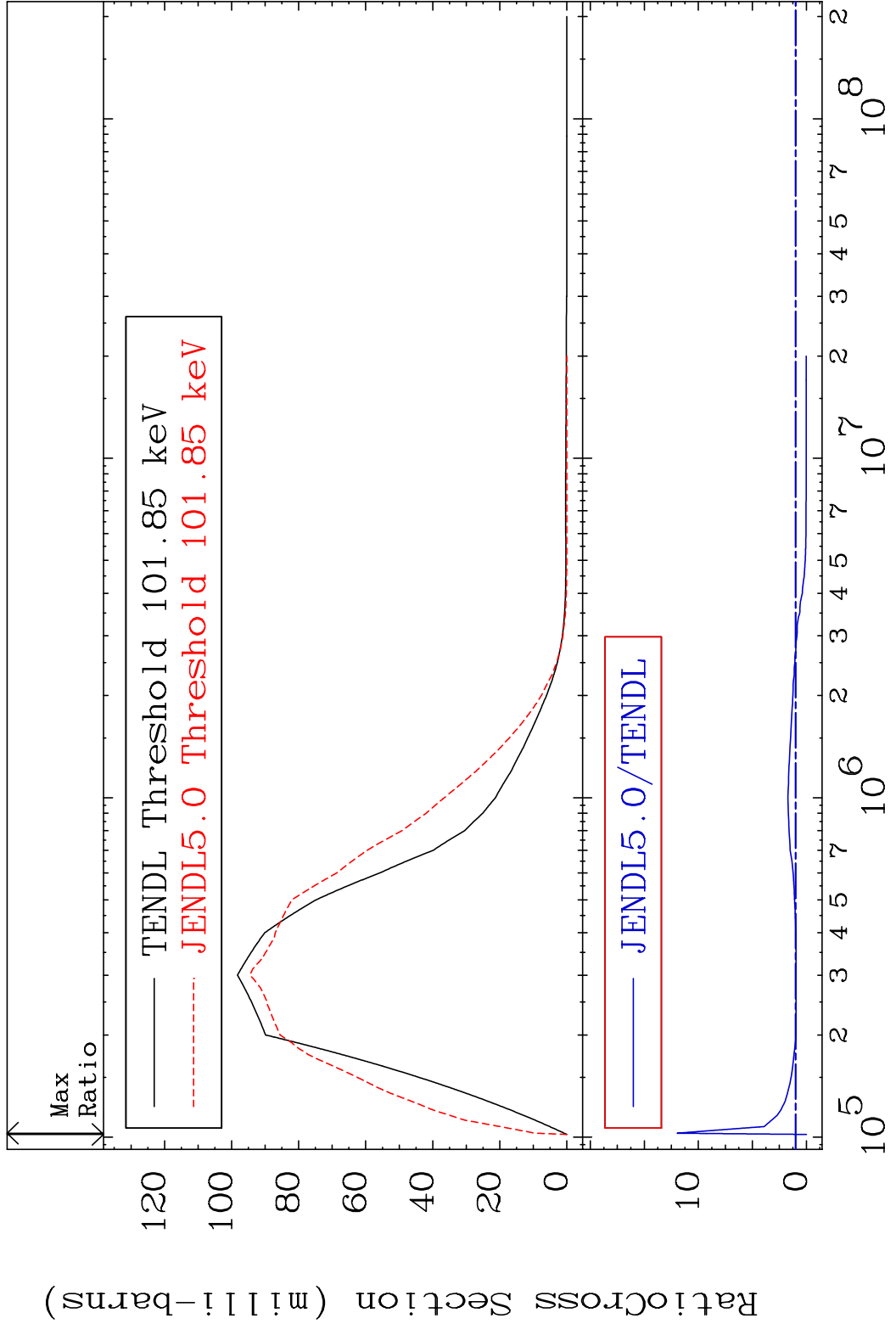


10

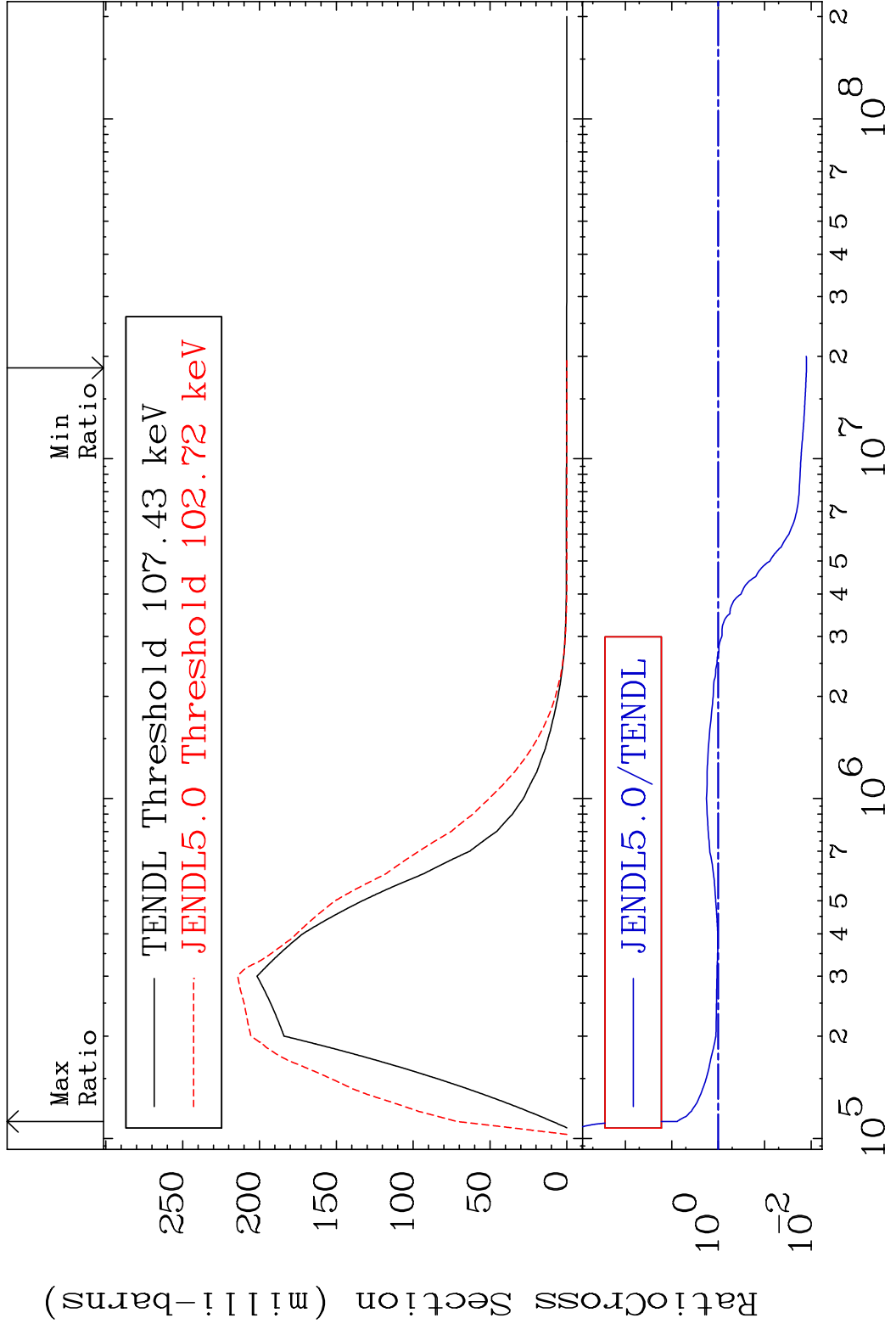
Incident Energy (eV)

91-Pa-231

MAT 9131 MT= 55 (n,n') Level 91-Pa-231
 Cross Section -100.0 To 1096. %

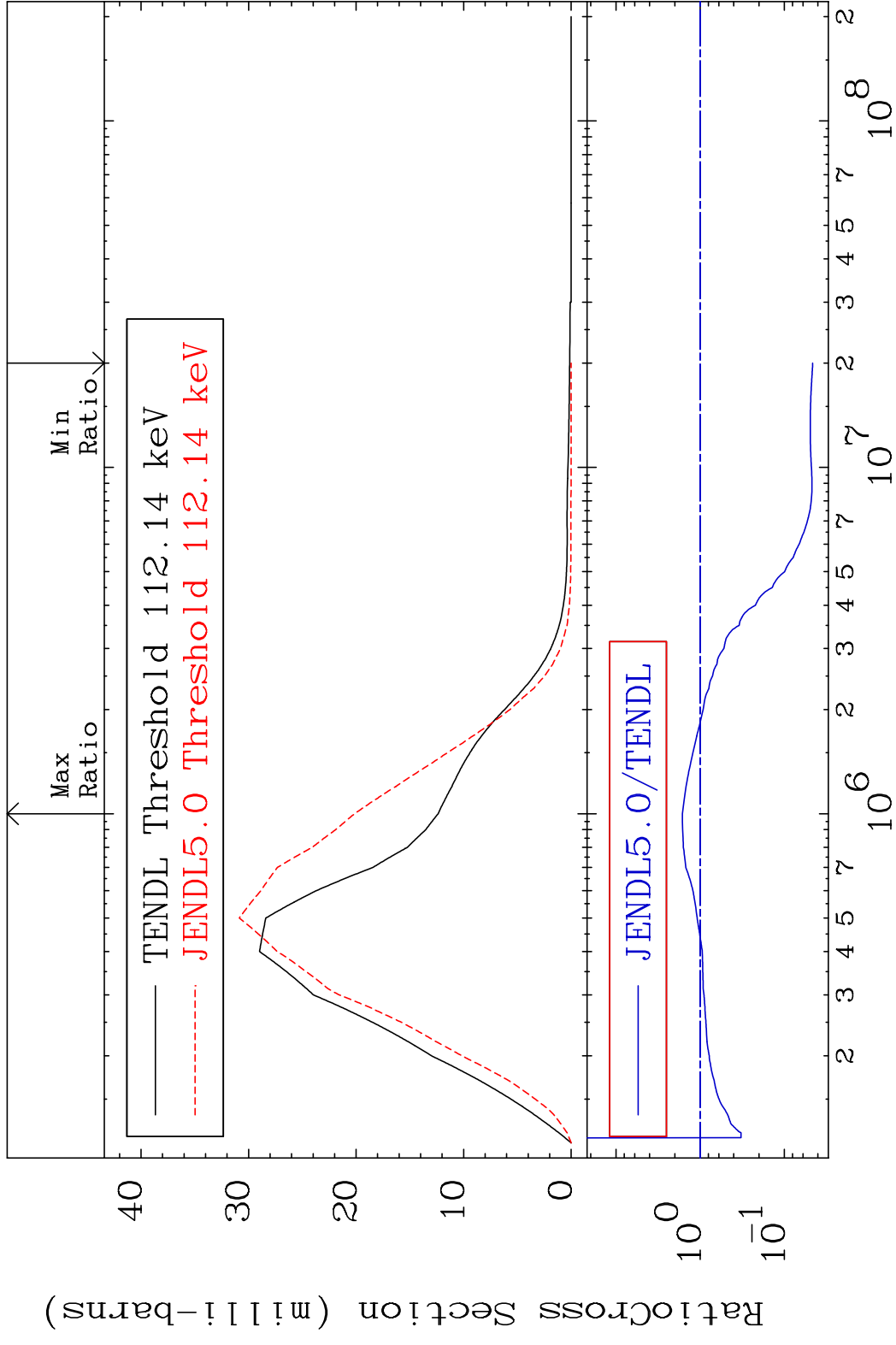


MAT 9131 MT= 56 (n,n') Level 91-Pa-231
 Cross Section -98.73 To 664.1 %

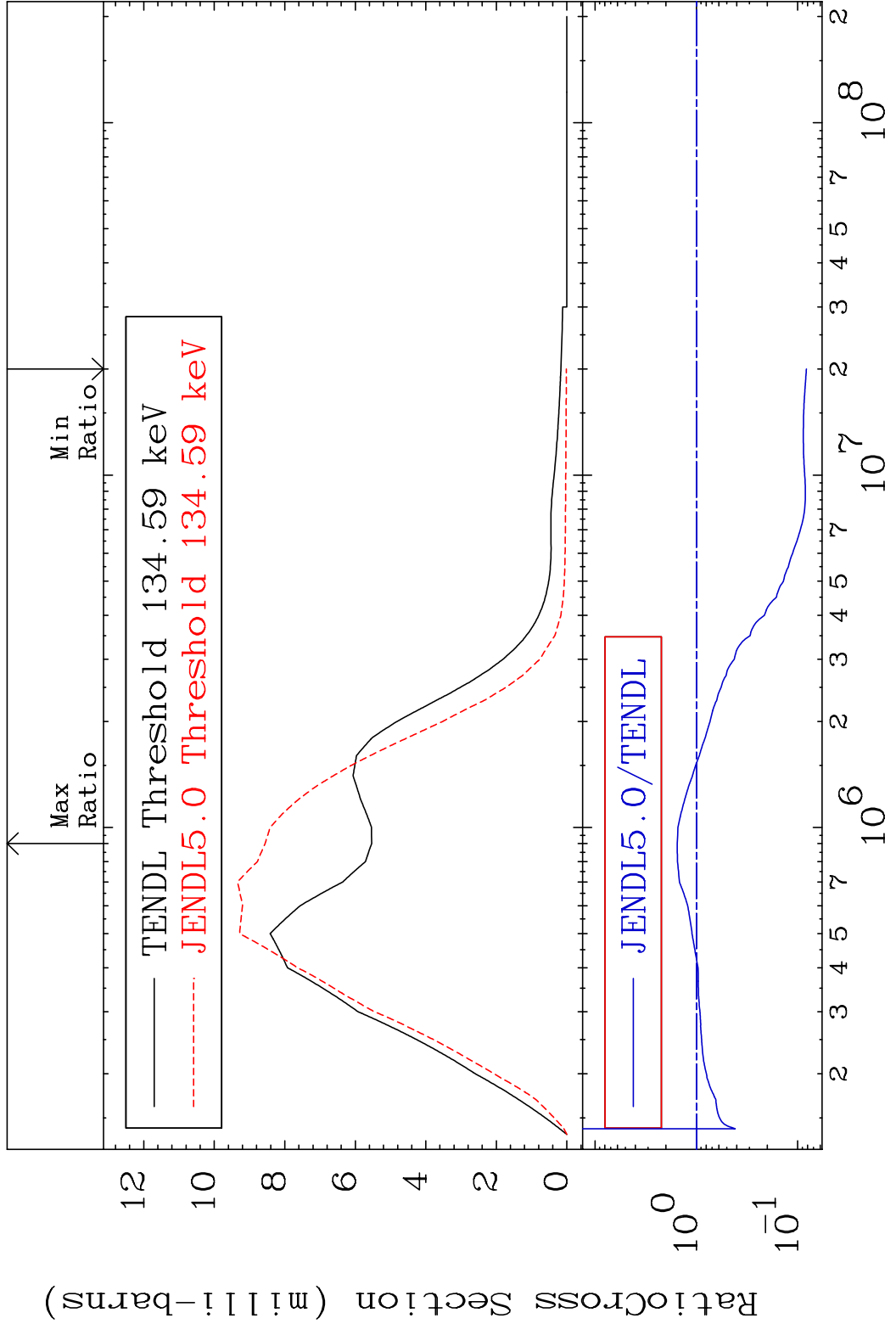


12 Incident Energy (eV) 91-Pa-231

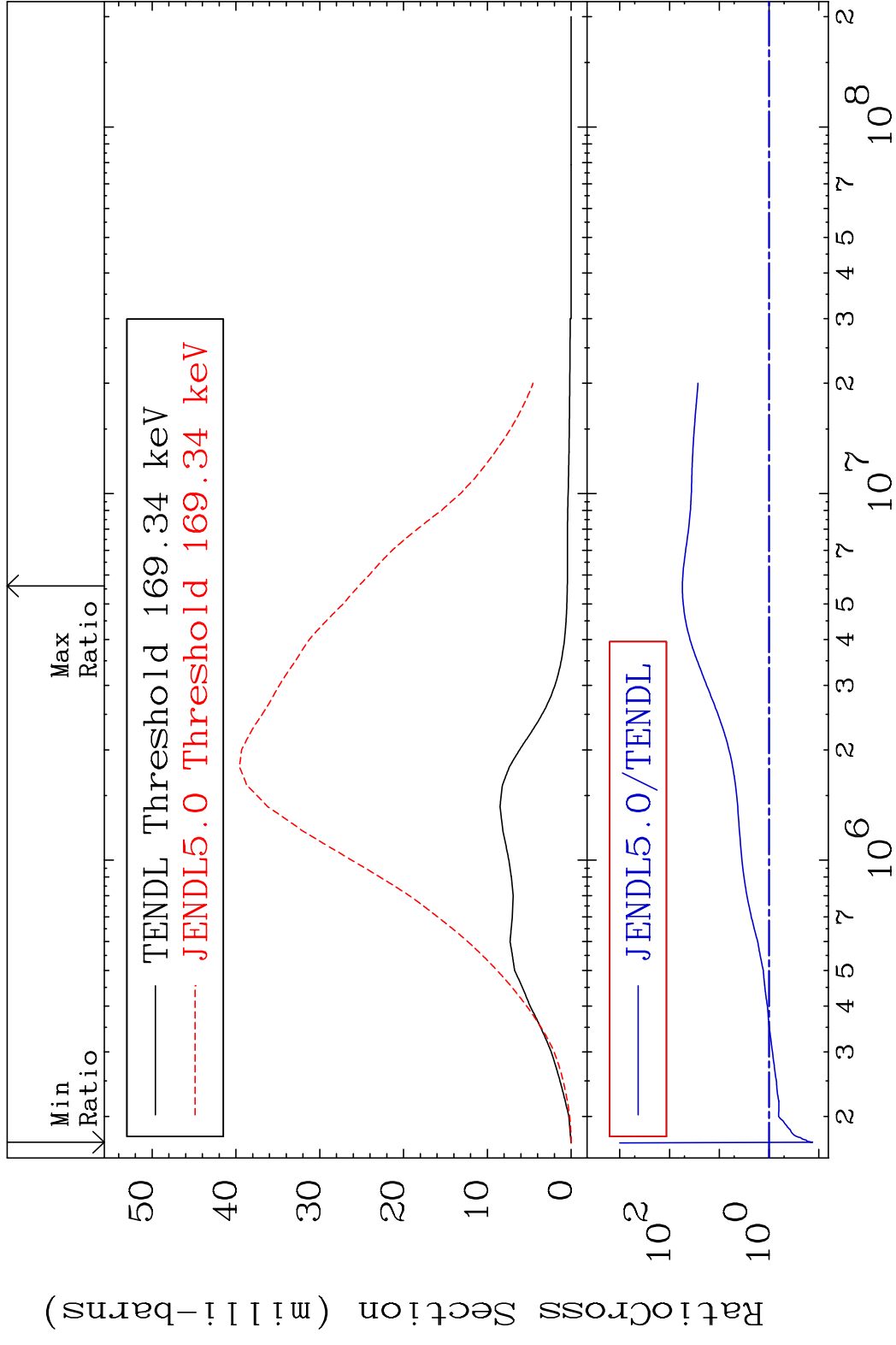
MAT 9131 MT= 57 (n, n') Level 91-Pa-231
 Cross Section -95.39 To 62.74 %



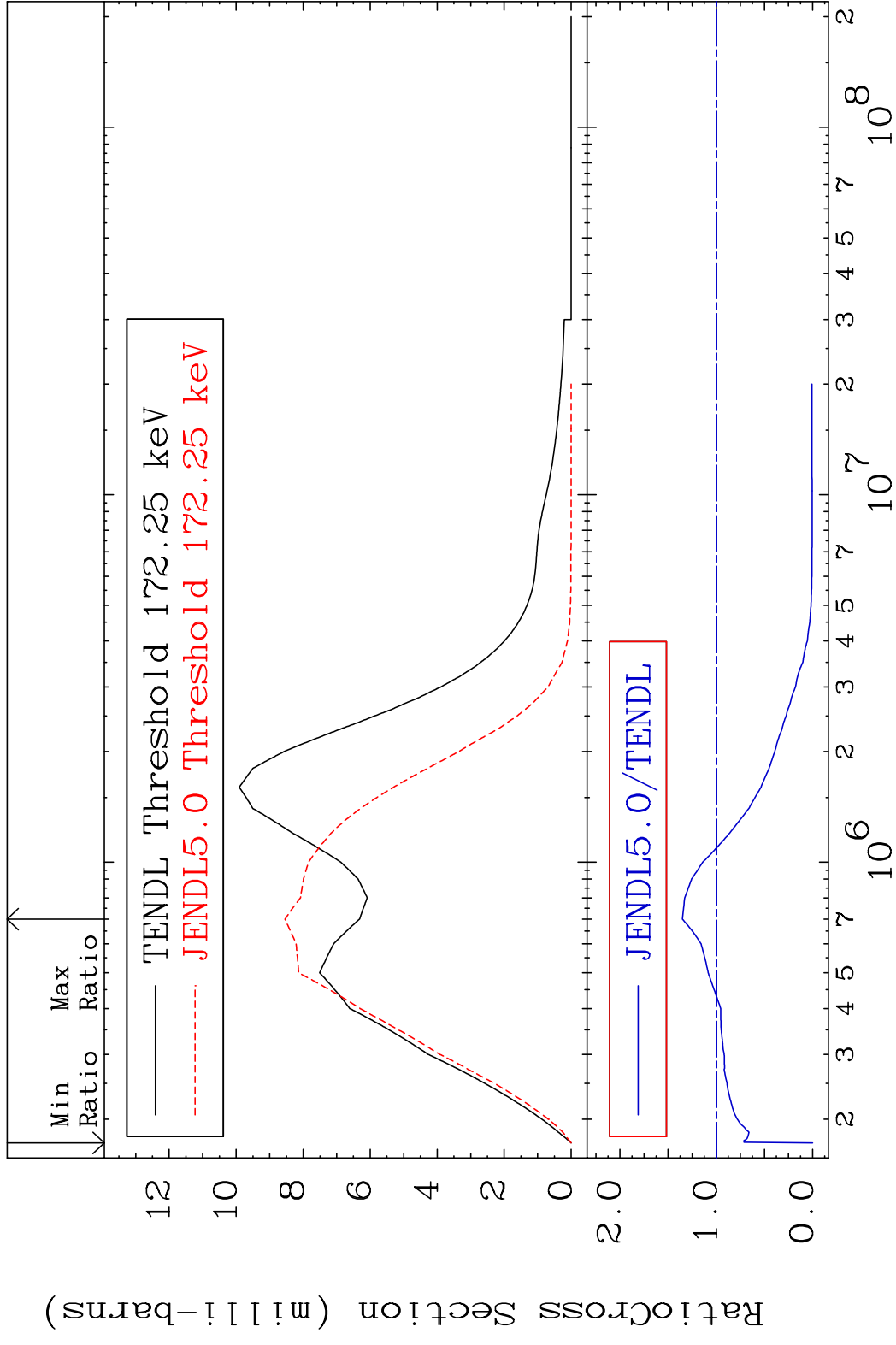
MAT 9131 MT= 58 (n,n') Level 91-Pa-231
 Cross Section -91.79 To 54.55 %



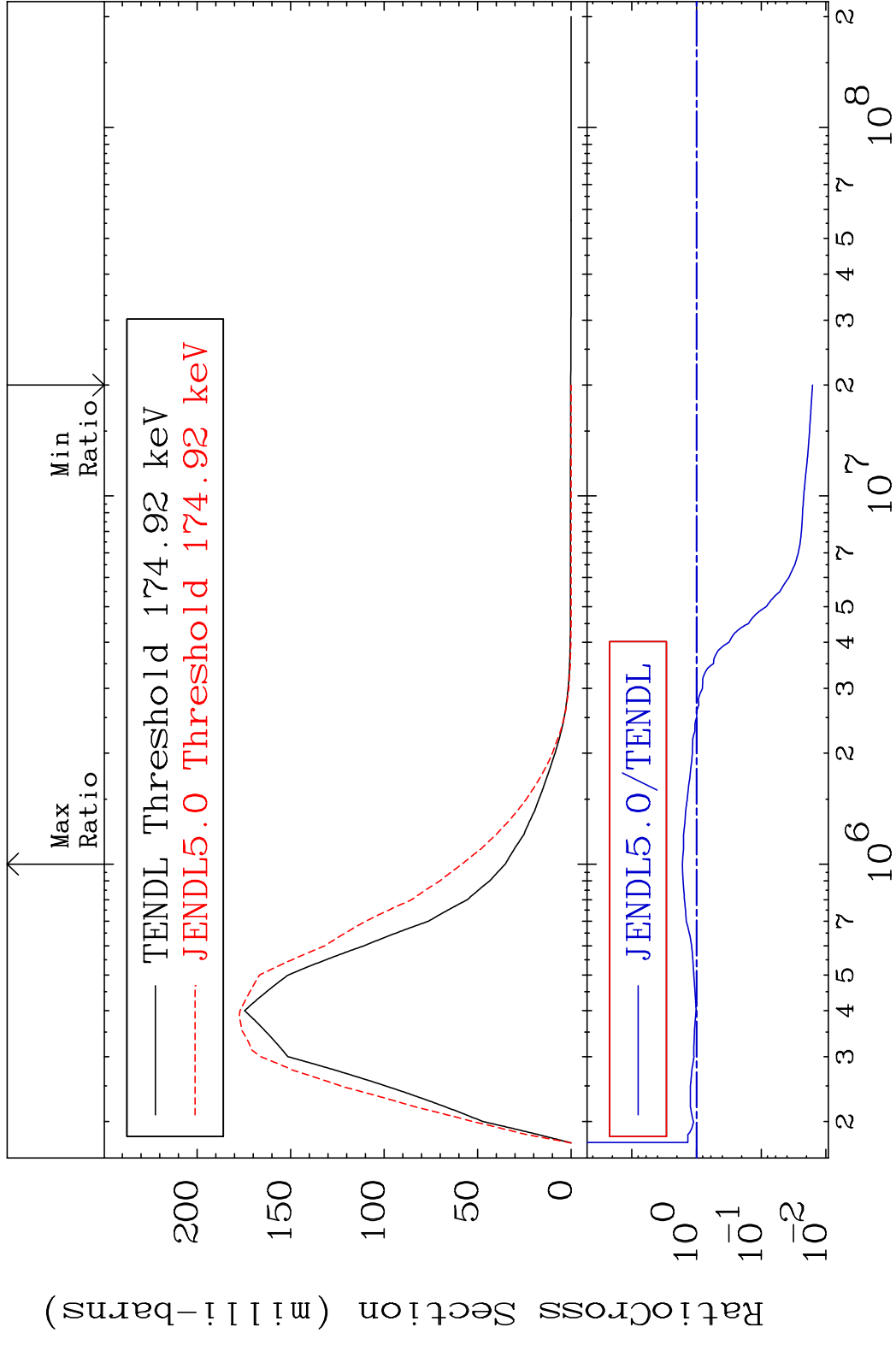
MAT 9131 MT= 59 (n, n') Level 91-Pa-231
 Cross Section -86.64 To 5419. %



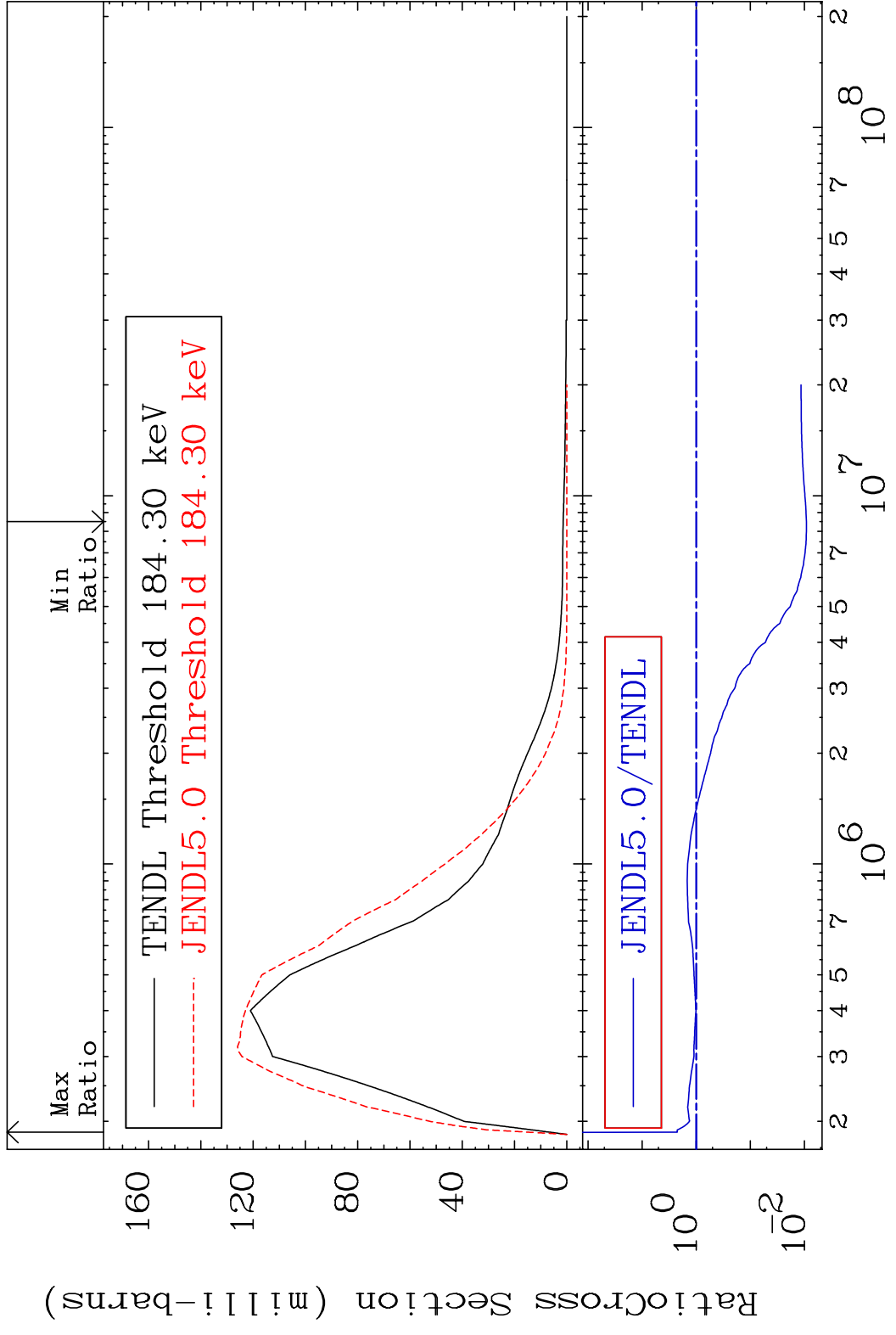
MAT 9131 MT= 60 (n, n') Level 91-Pa-231
 Cross Section -100.0 To 35.23 %



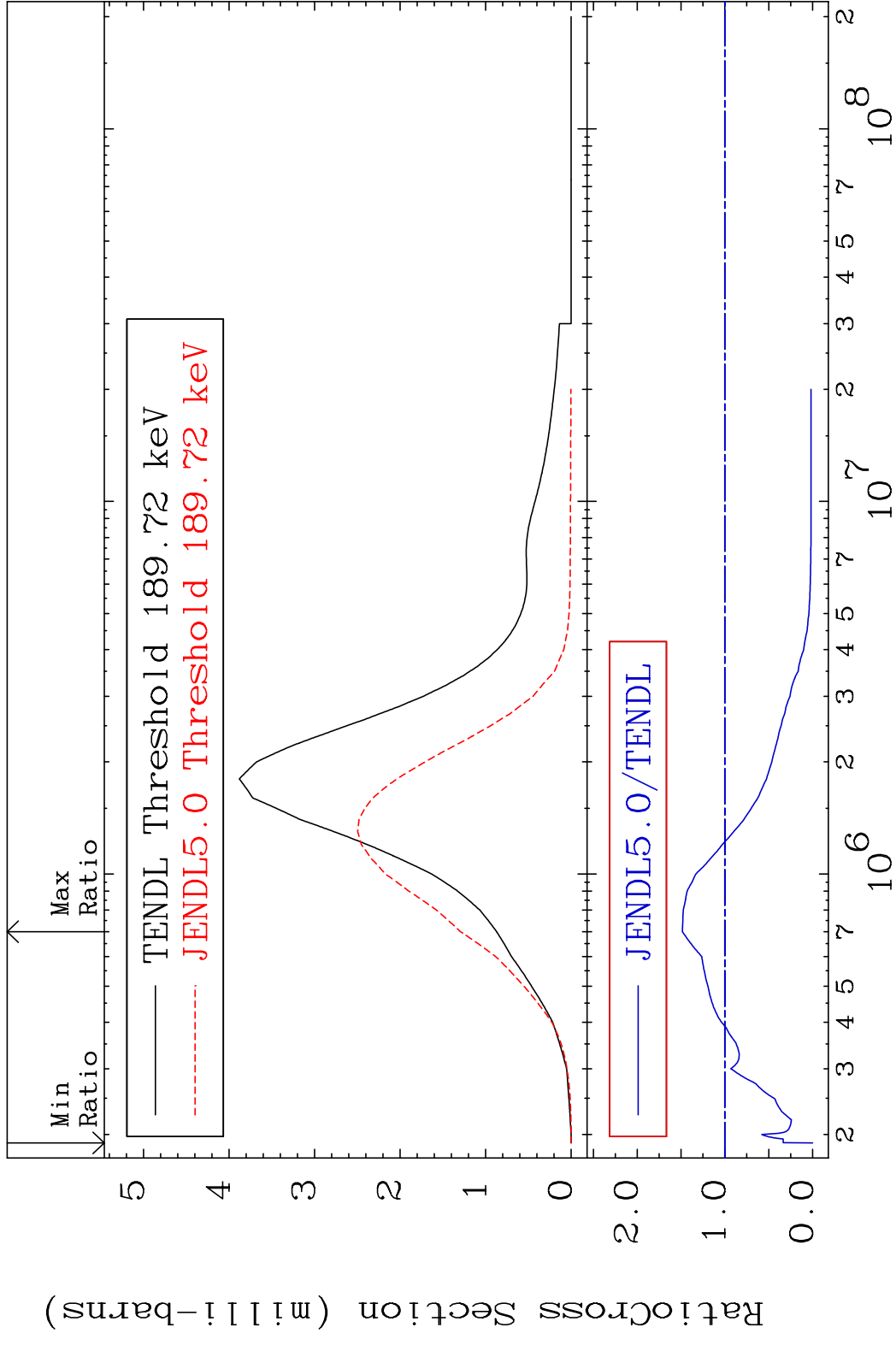
MAT 9131 MT= 61 (n, n') Level 91-Pa-231
 Cross Section -98.39 To 65.47 %



MAT 9131 MT= 62 (n, n') Level 91-Pa-231
 Cross Section -99.08 To 125.1 %



MAT 9131 MT= 63 (n,n') Level 91-Pa-231
 Cross Section -100.0 To 48.49 %

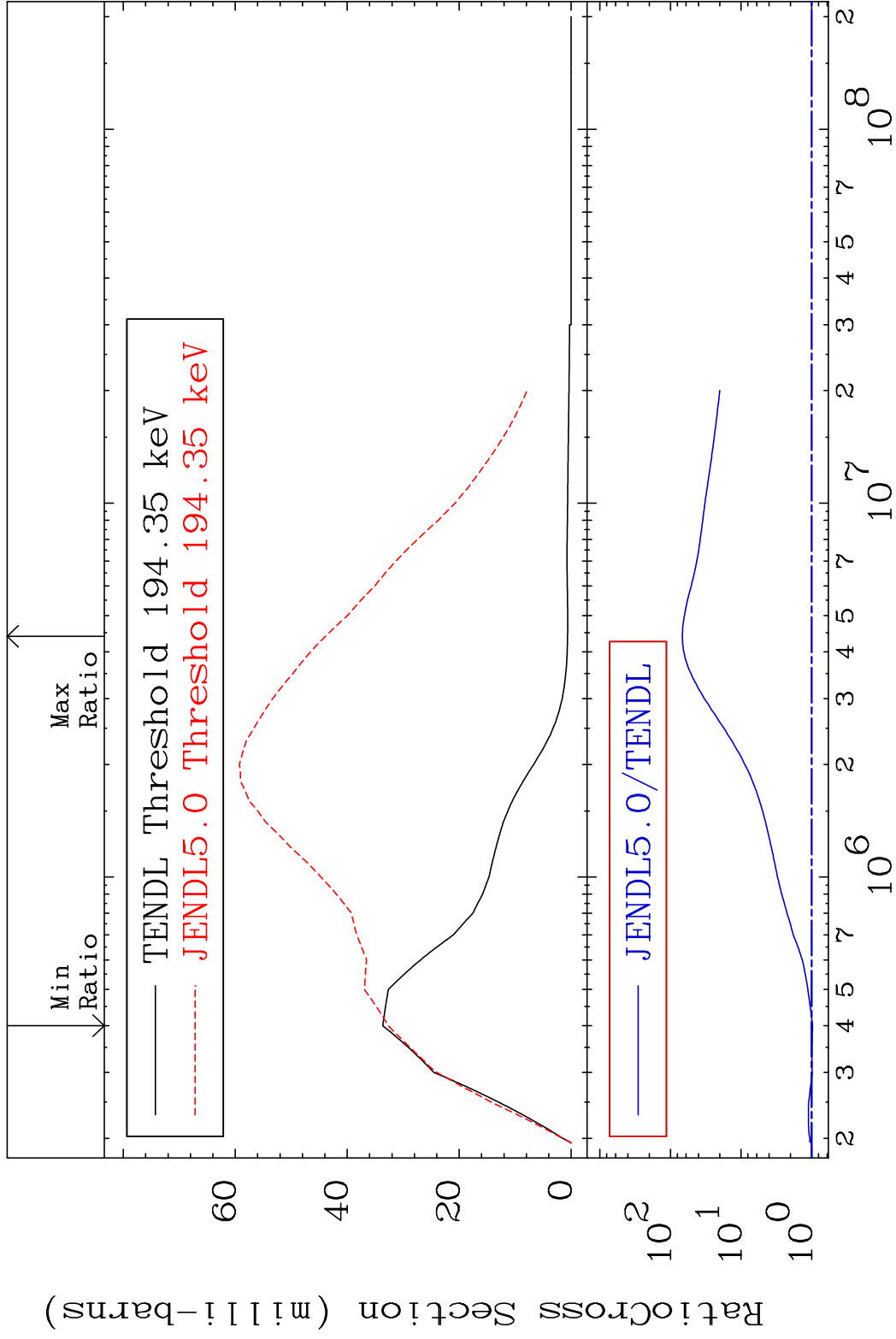


MAT 9131

MT= 64 (n, n') Level

91-Pa-231

Cross Section -2.949 To 6689. %

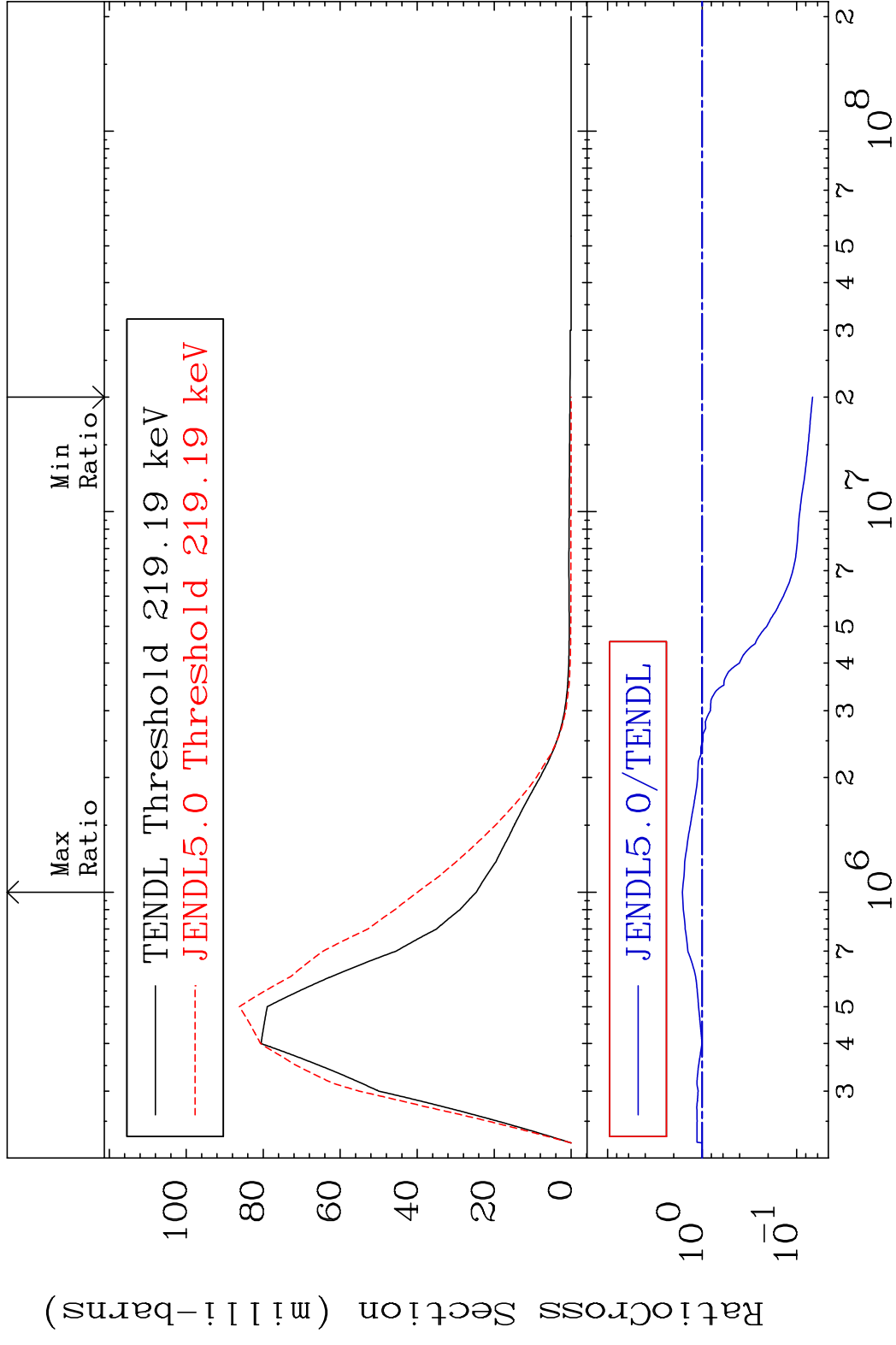


20

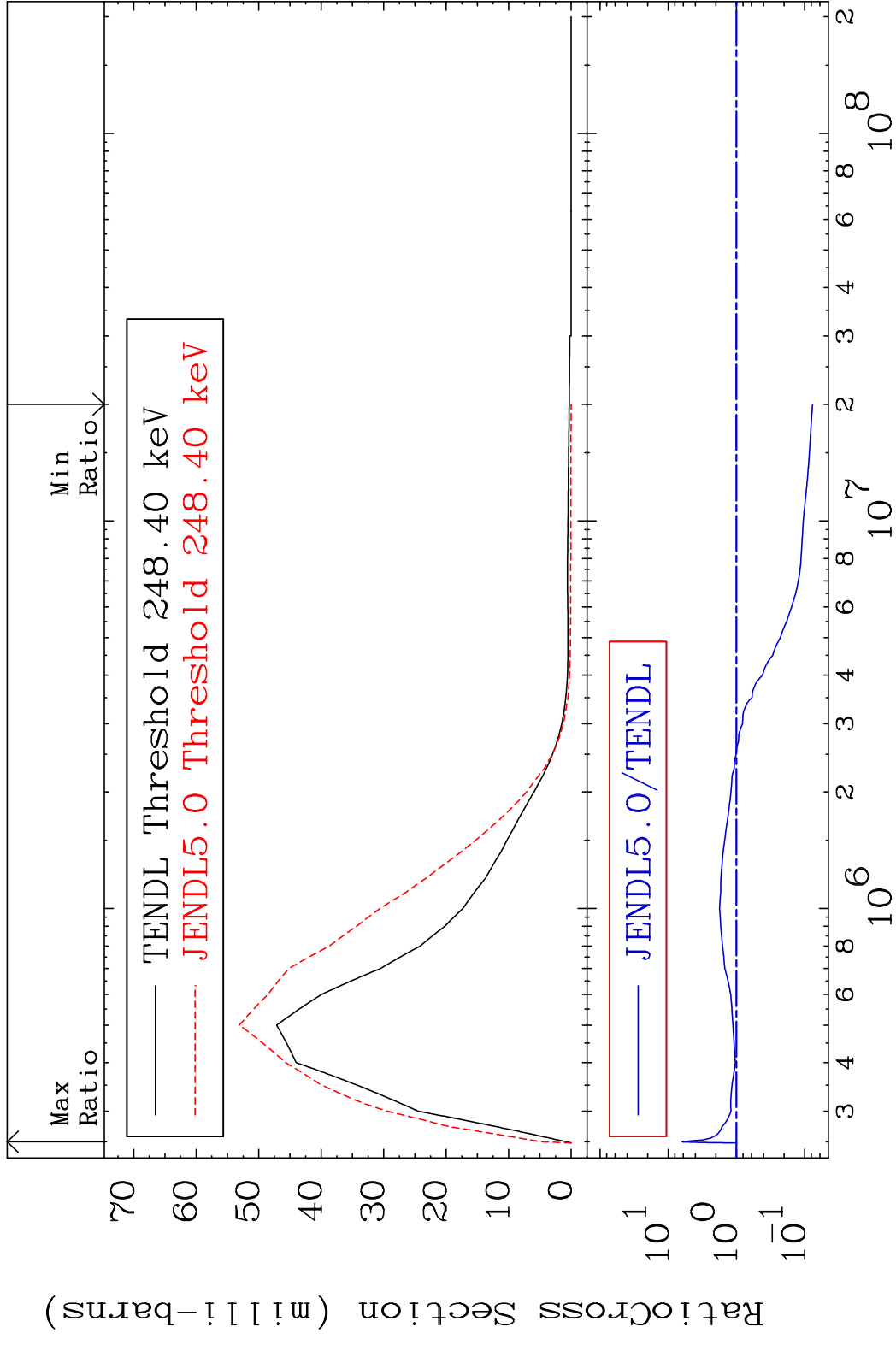
Incident Energy (eV)

91-Pa-231

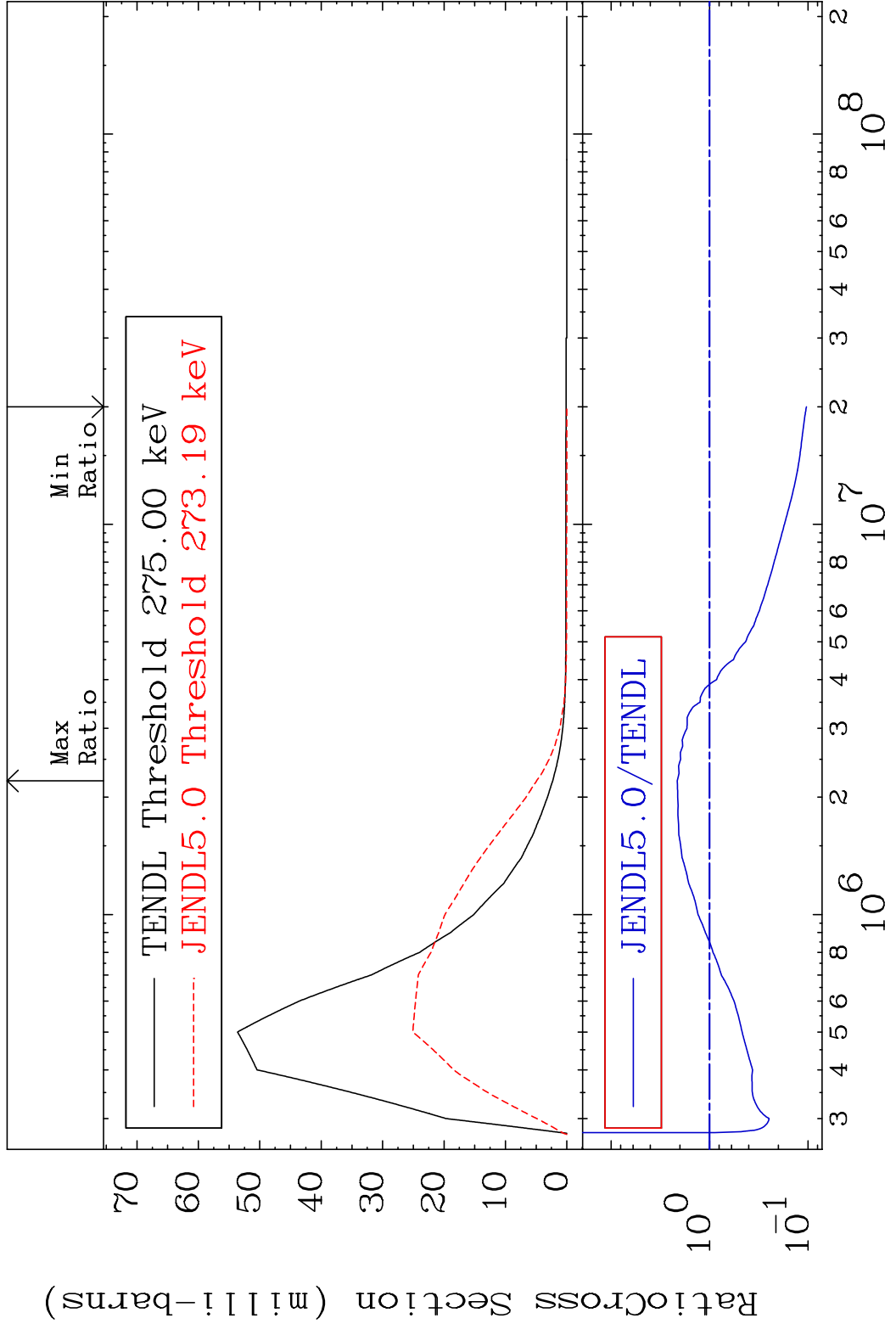
MAT 9131 MT= 65 (n,n') Level 91-Pa-231
 Cross Section -93.22 To 61.87 %



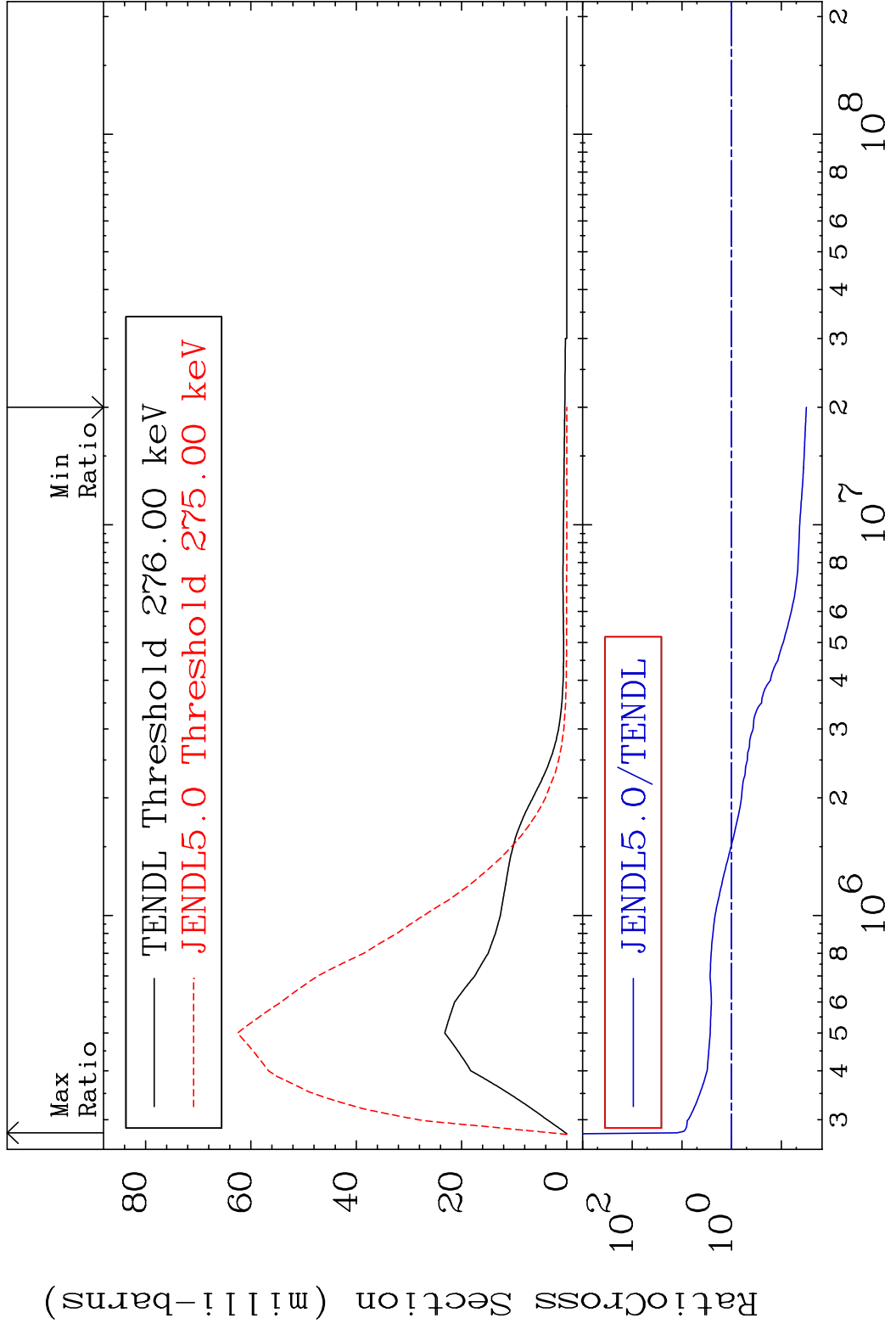
MAT 9131 MT= 66 (n,n') Level 91-Pa-231
 Cross Section -92.33 To 520.7 %



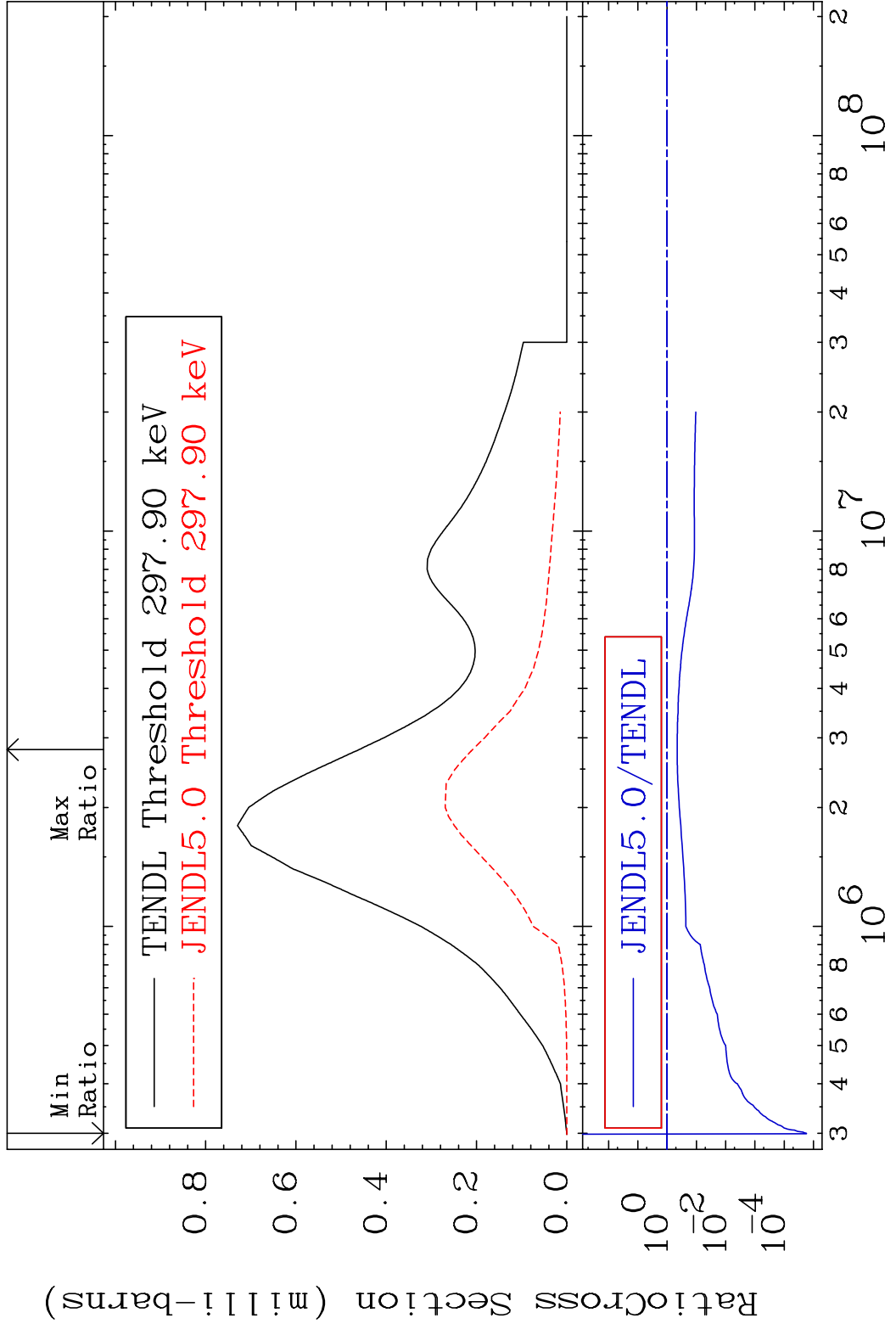
MAT 9131 MT= 67 (n, n') Level 91-Pa-231
 Cross Section -89.61 To 113.4 %



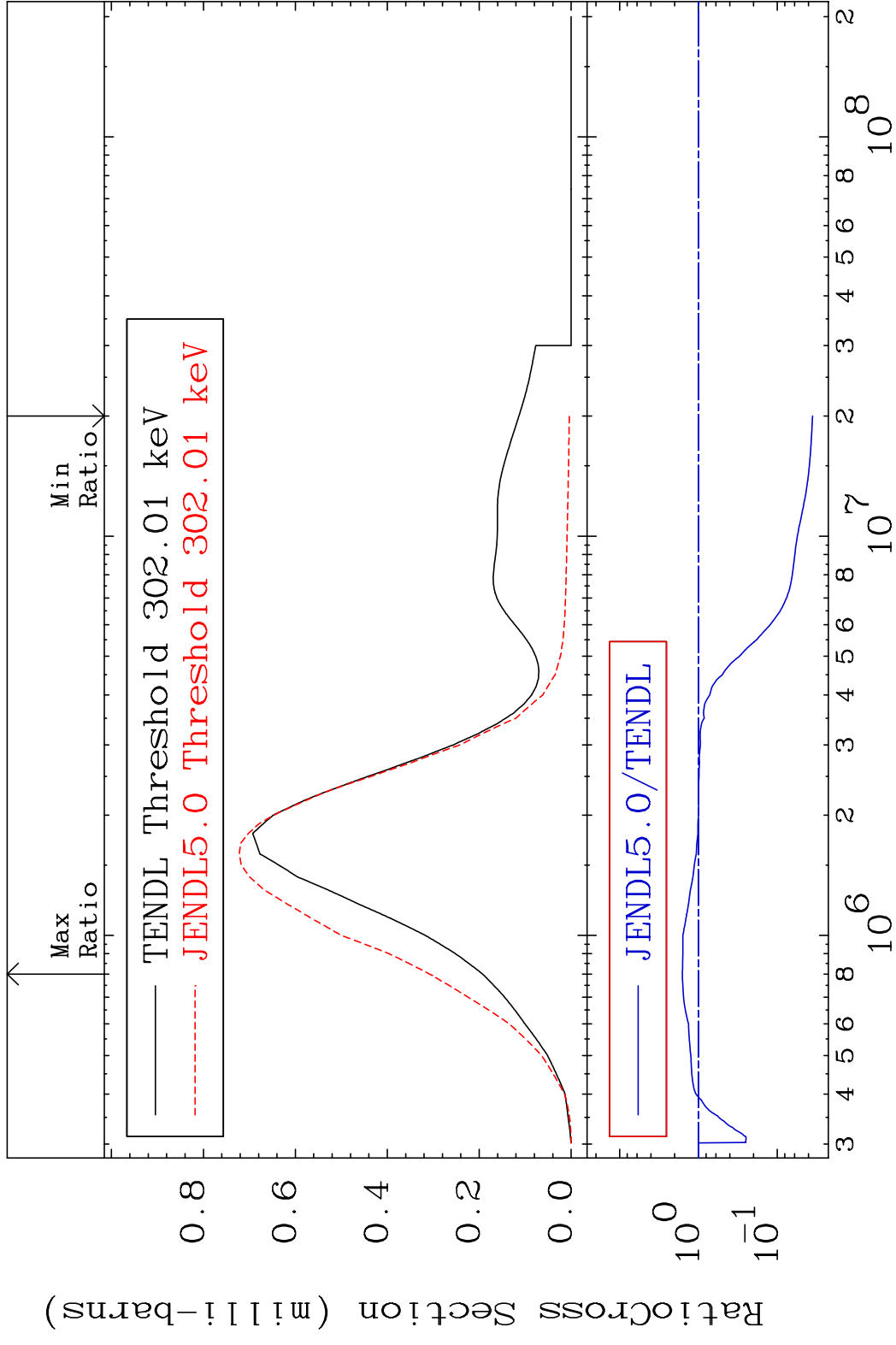
MAT 9131 MT= 68 (n,n') Level 91-Pa-231
 Cross Section -96.89 To 1146. %



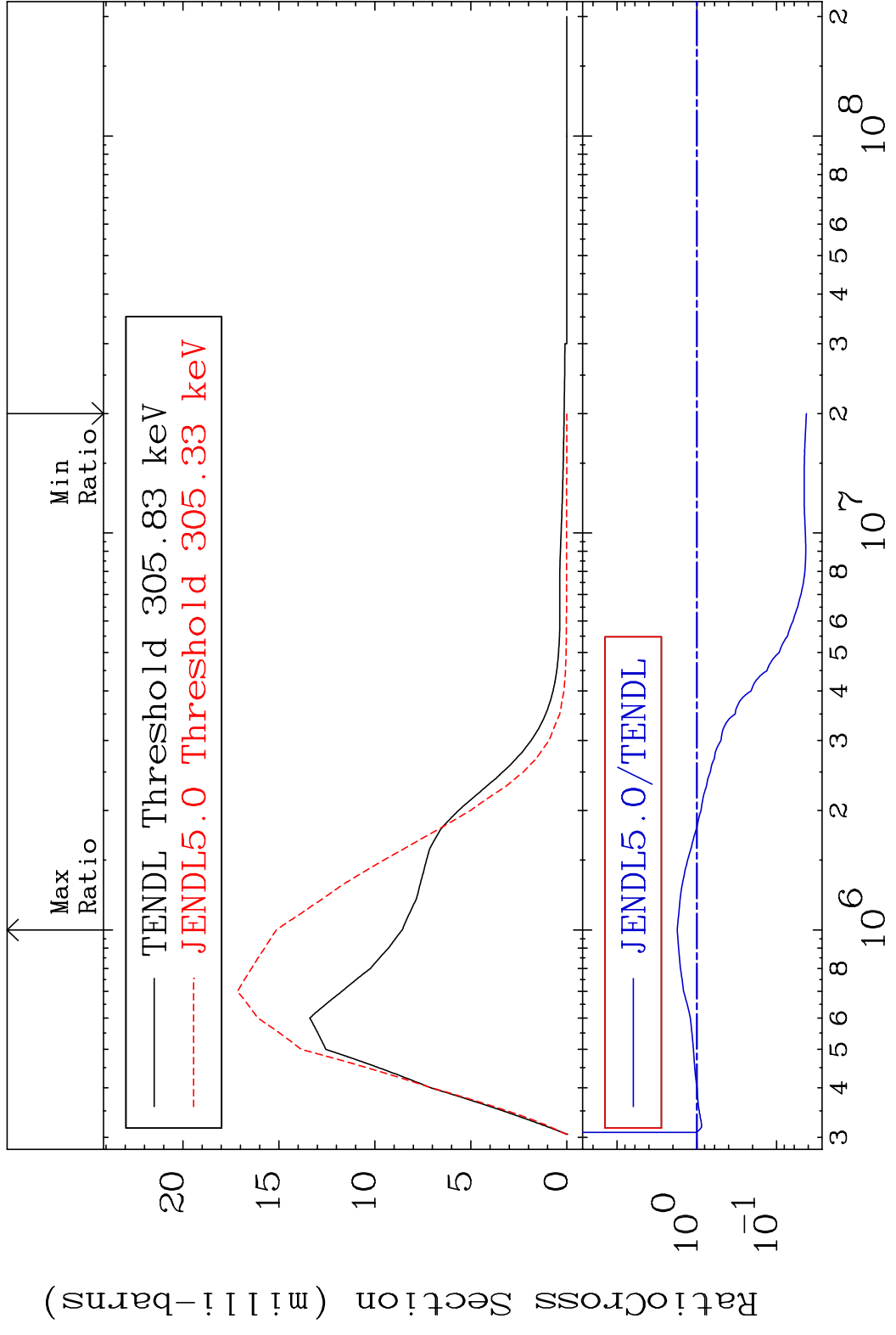
MAT 9131 MT= 69 (n, n') Level 91-Pa-231
 Cross Section -100.0 To -54.64%



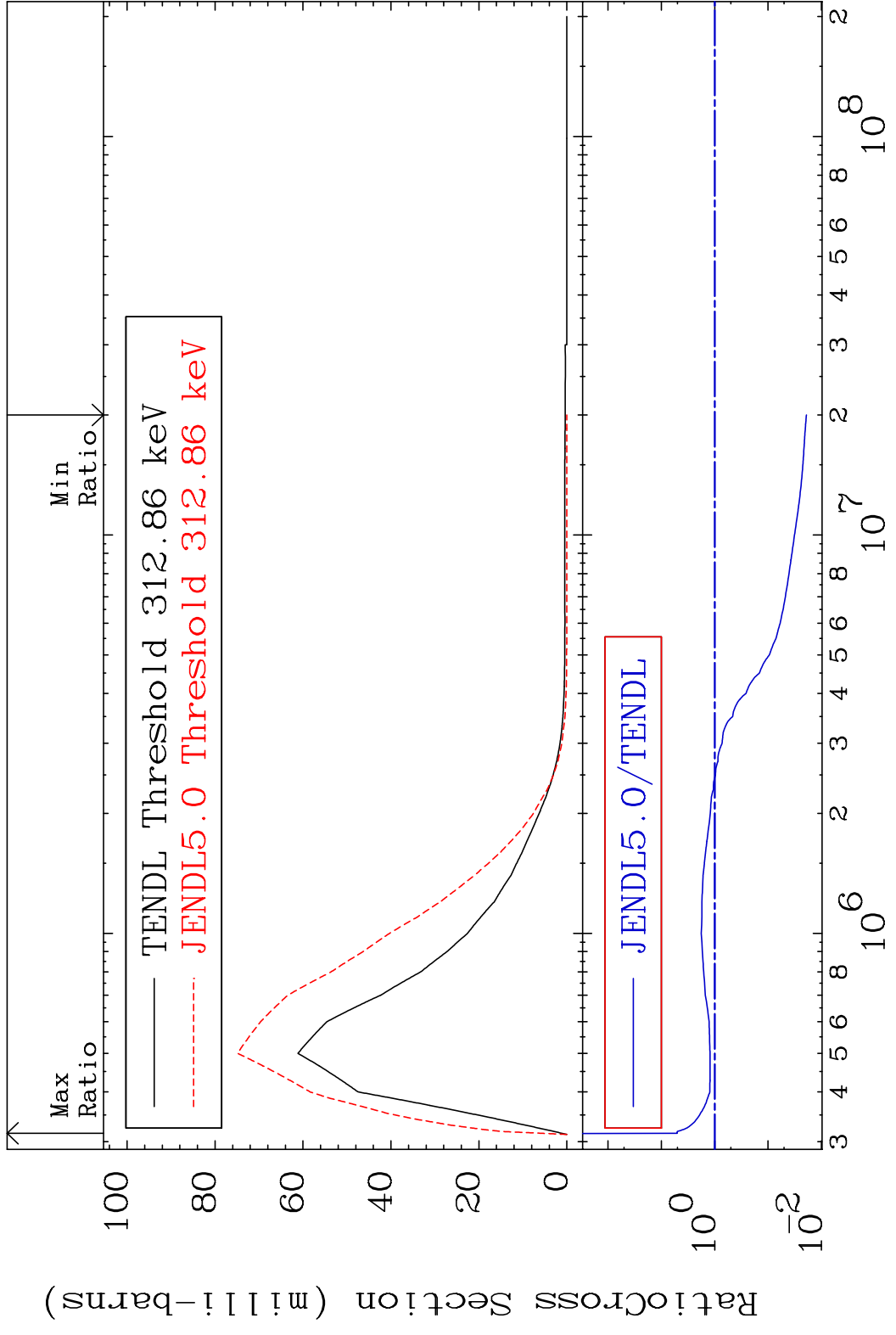
MAT 9131 MT= 70 (n, n') Level 91-Pa-231
 Cross Section -96.44 To 59.92 %



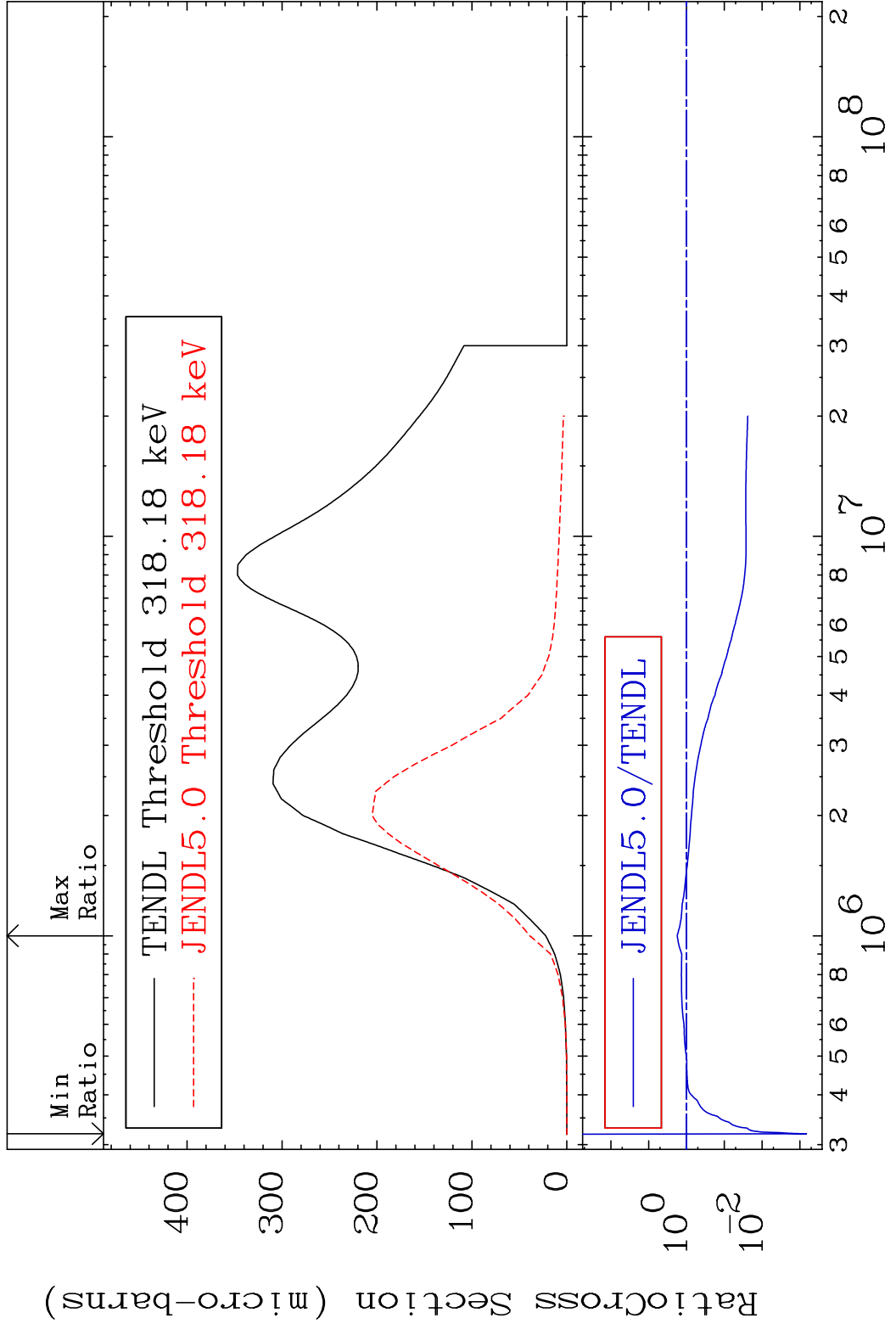
MAT 9131 MT= 71 (n, n') Level 91-Pa-231
 Cross Section -95.77 To 76.42 %



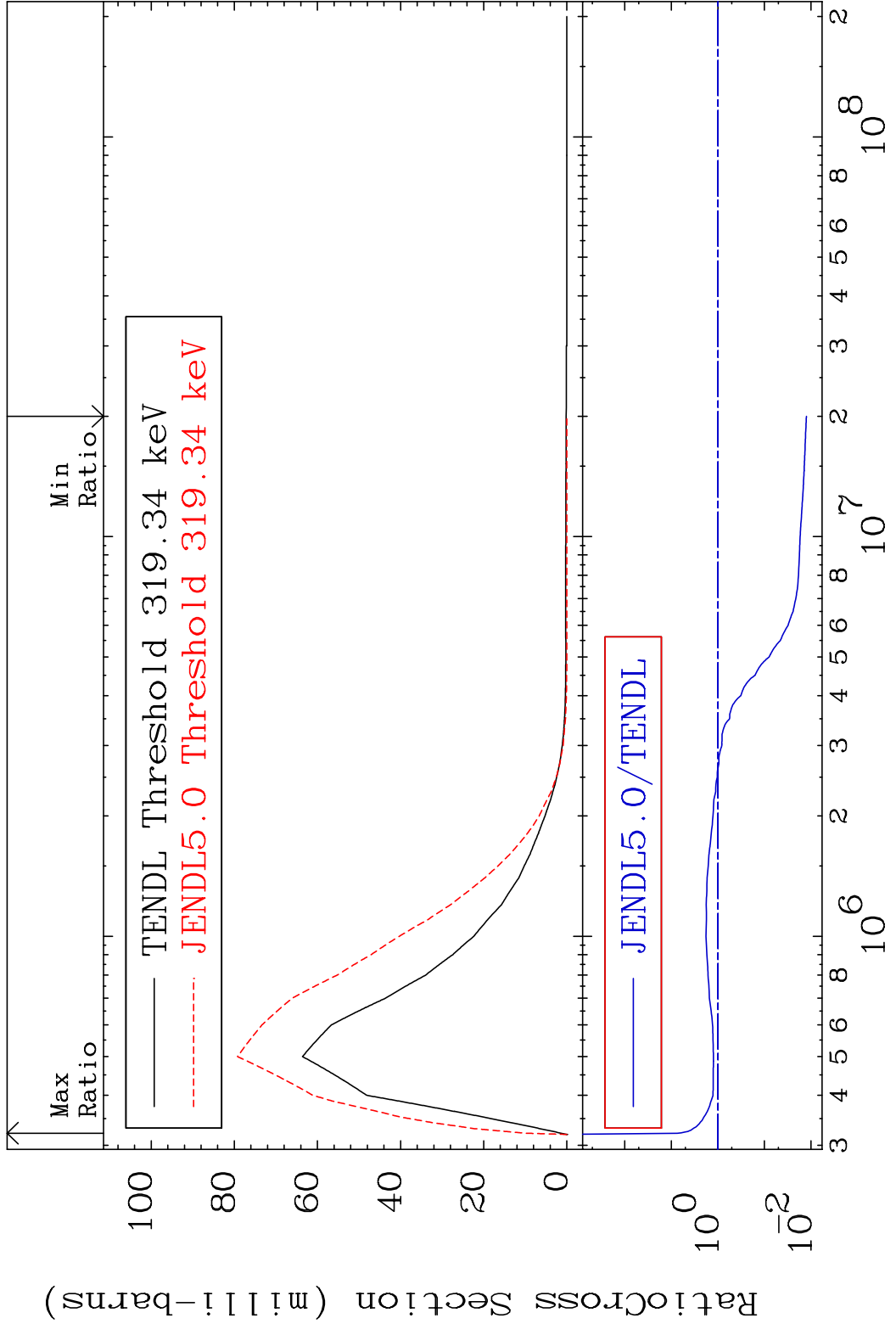
MAT 9131 MT= 72 (n,n') Level 91-Pa-231
 Cross Section -98.08 To 404.3 %



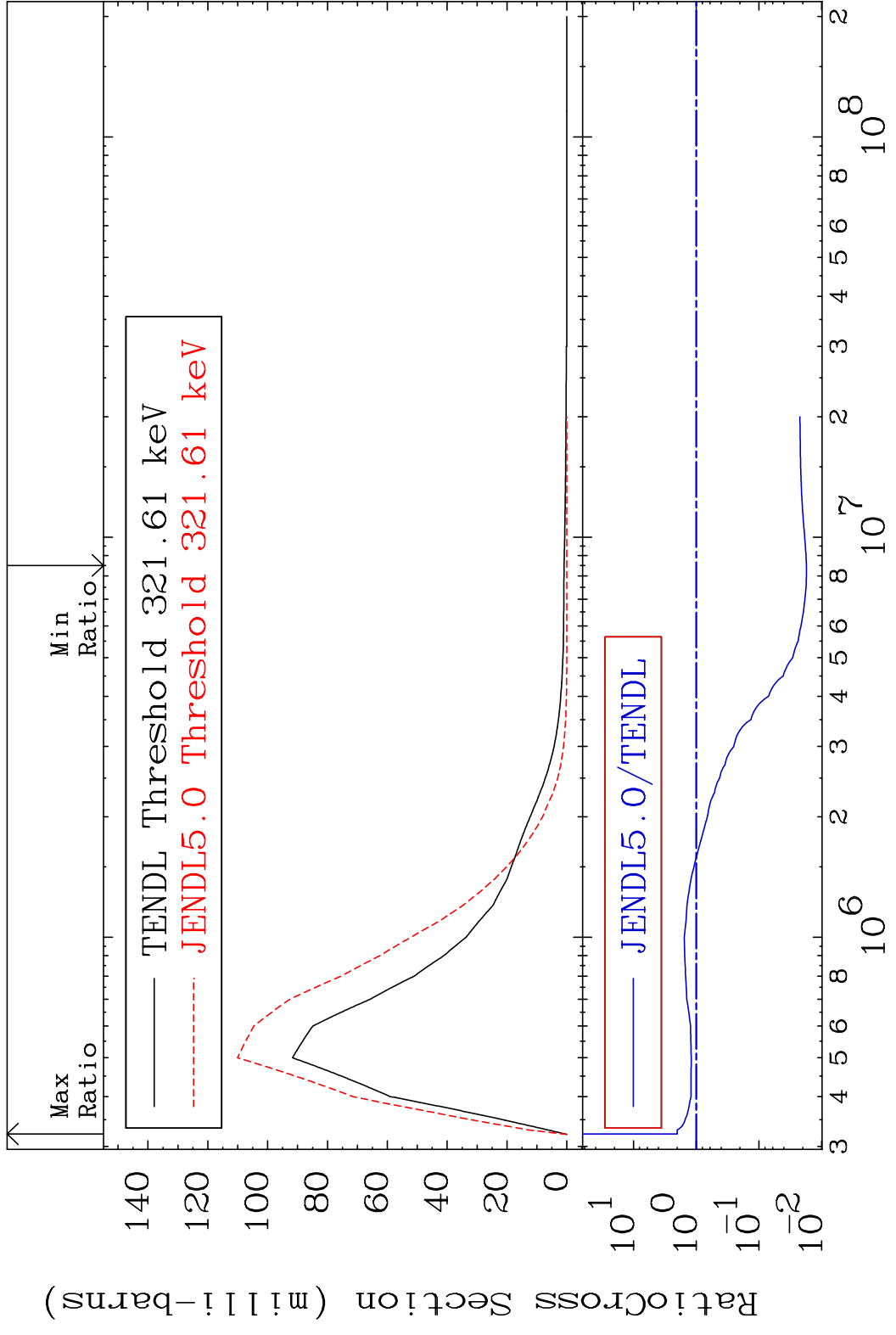
MAT 9131 MT= 73 (n, n') Level 91-Pa-231
 Cross Section -99.93 To 75.80 %



MAT 9131 MT= 74 (n,n') Level 91-Pa-231
 Cross Section -98.75 To 648.0 %



MAT 9131 MT= 75 (n,n') Level 91-Pa-231
 Cross Section -98.25 To 100.6 %

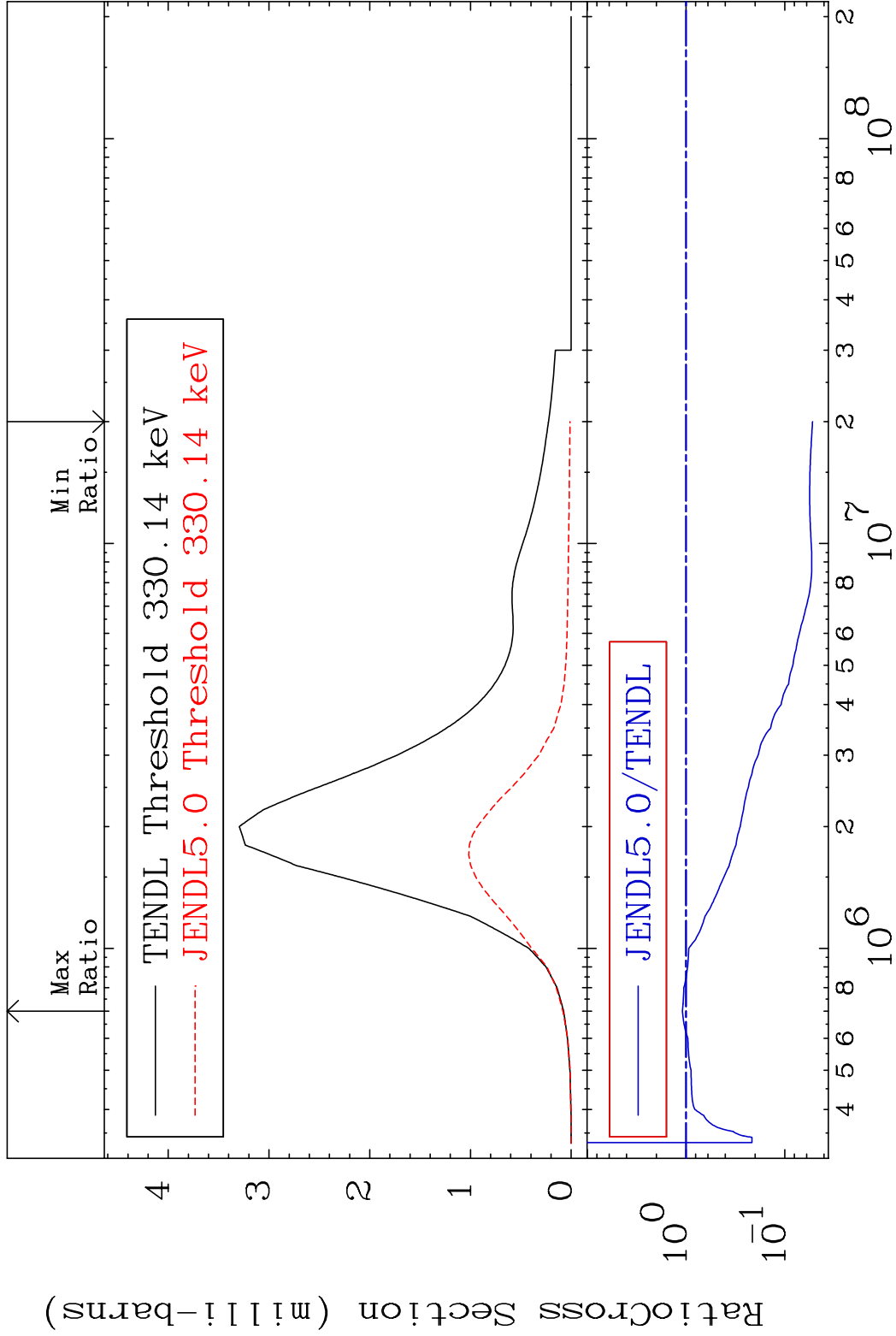


MAT 9131

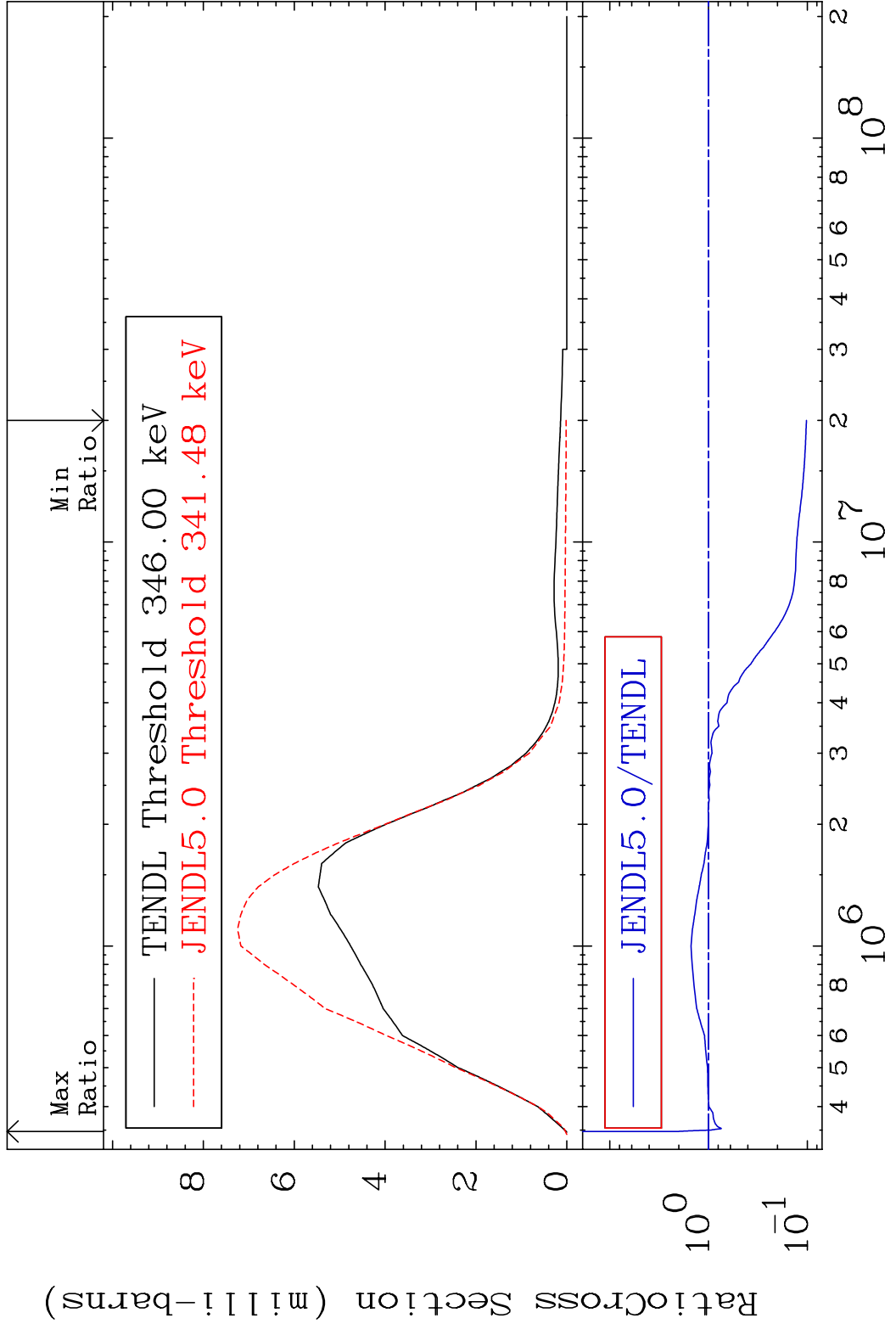
MT= 76 (n,n') Level

91-Pa-231

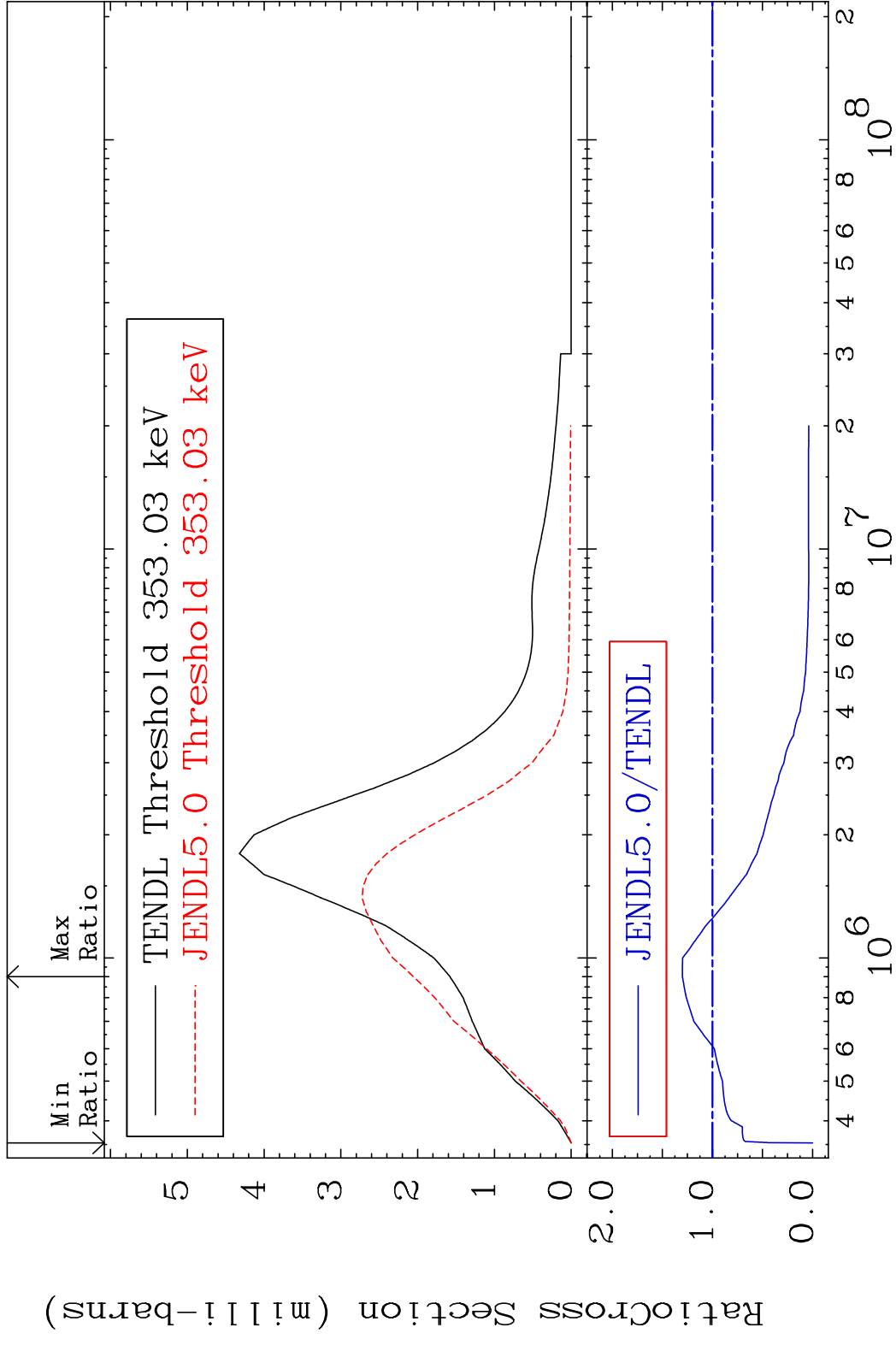
Cross Section -94.77 To 8.979 %



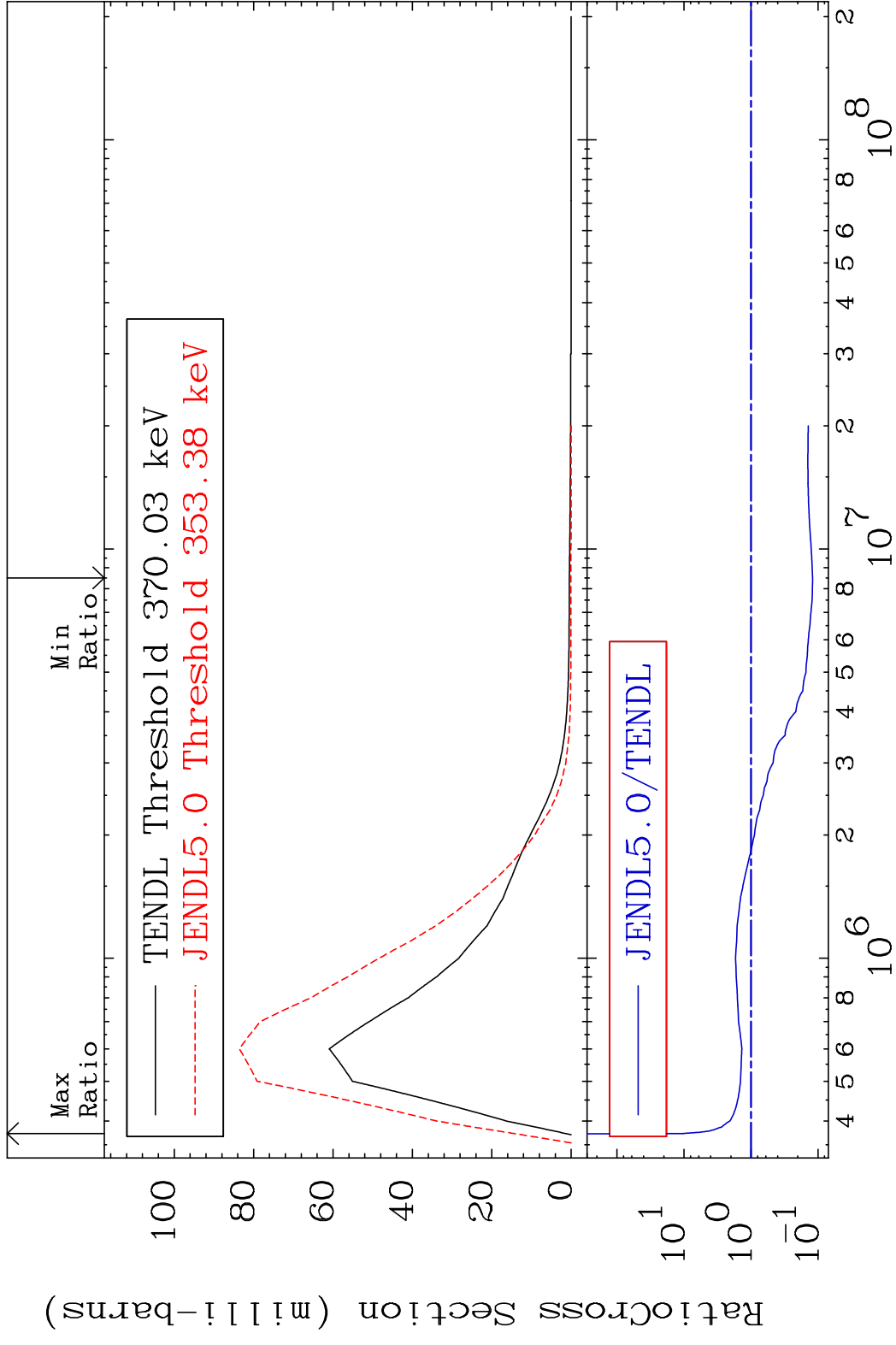
MAT 9131 MT= 77 (n, n') Level 91-Pa-231
 Cross Section -89.80 To 107.8 %



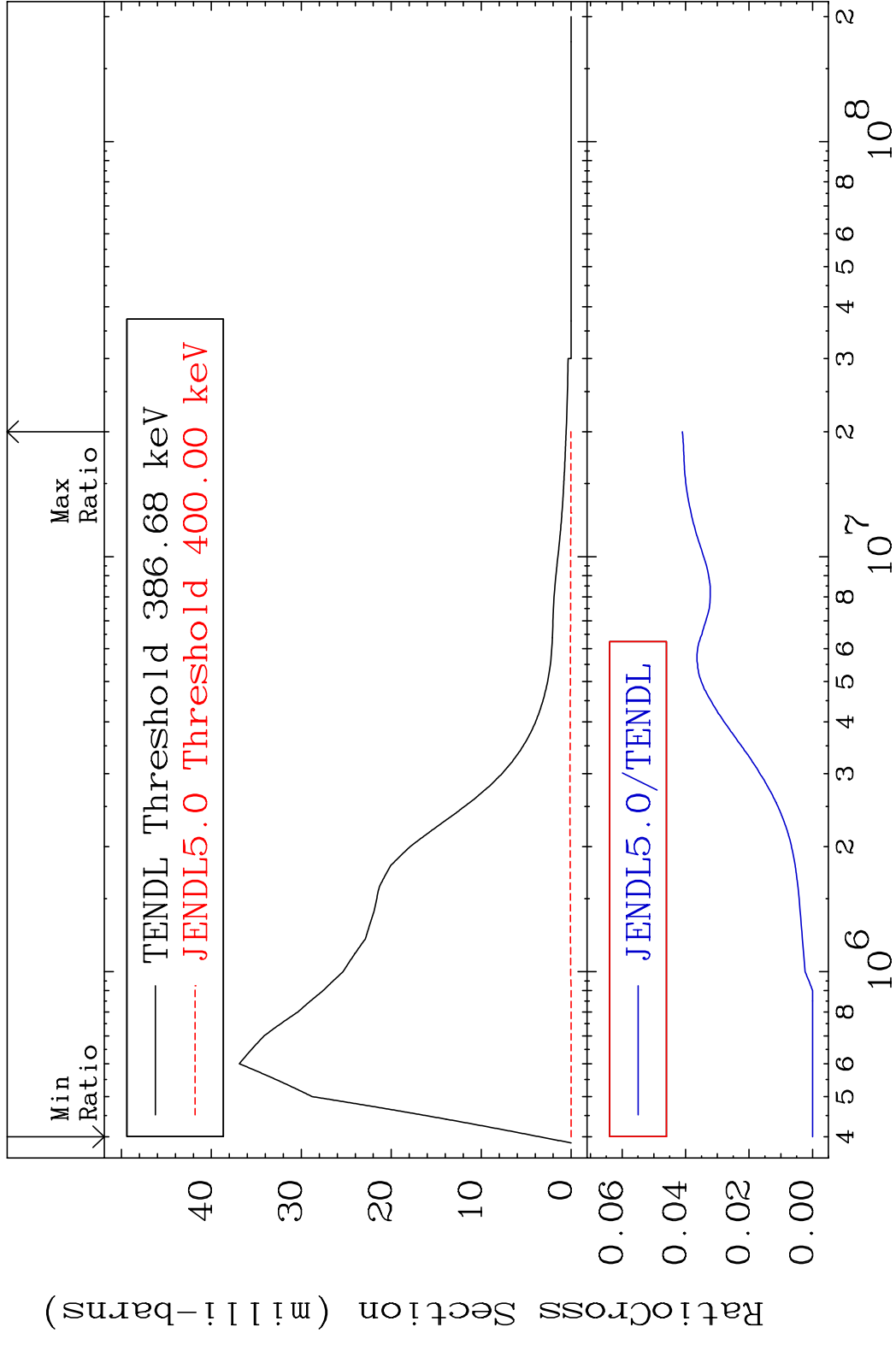
MAT 9131 MT= 78 (n,n') Level 91-Pa-231
 Cross Section -100.0 To 30.08 %



MAT 9131 MT= 79 (n, n') Level 91-Pa-231
 Cross Section -87.91 To 958.4 %



MAT 9131 MT= 80 (n, n') Level 91-Pa-231
 Cross Section -100.0 To -95.90%

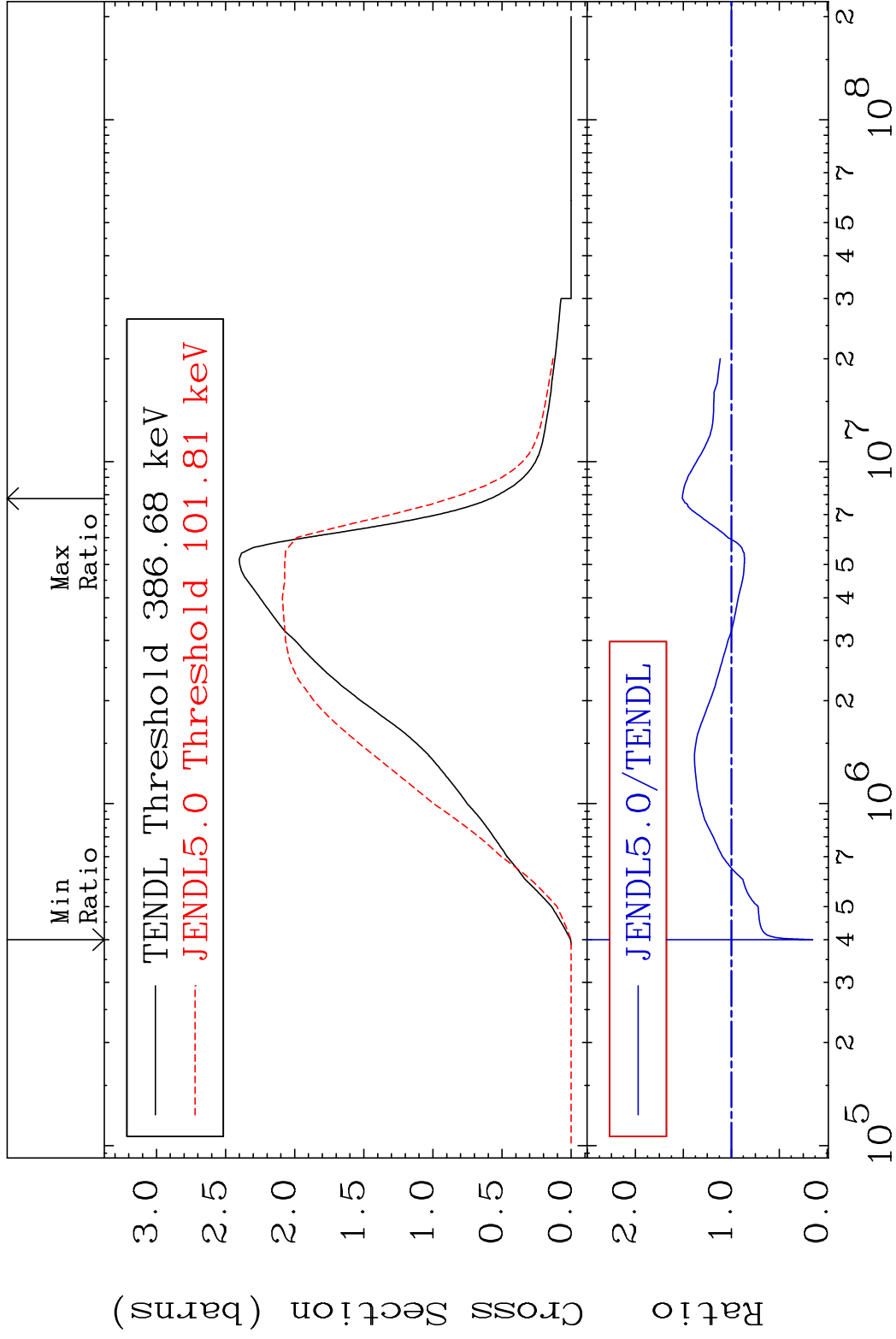


MAT 9131

(n, n') Continuum

91-Pa-231

Cross Section -84.72 To 51.07 %



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Incident Energy (eV)

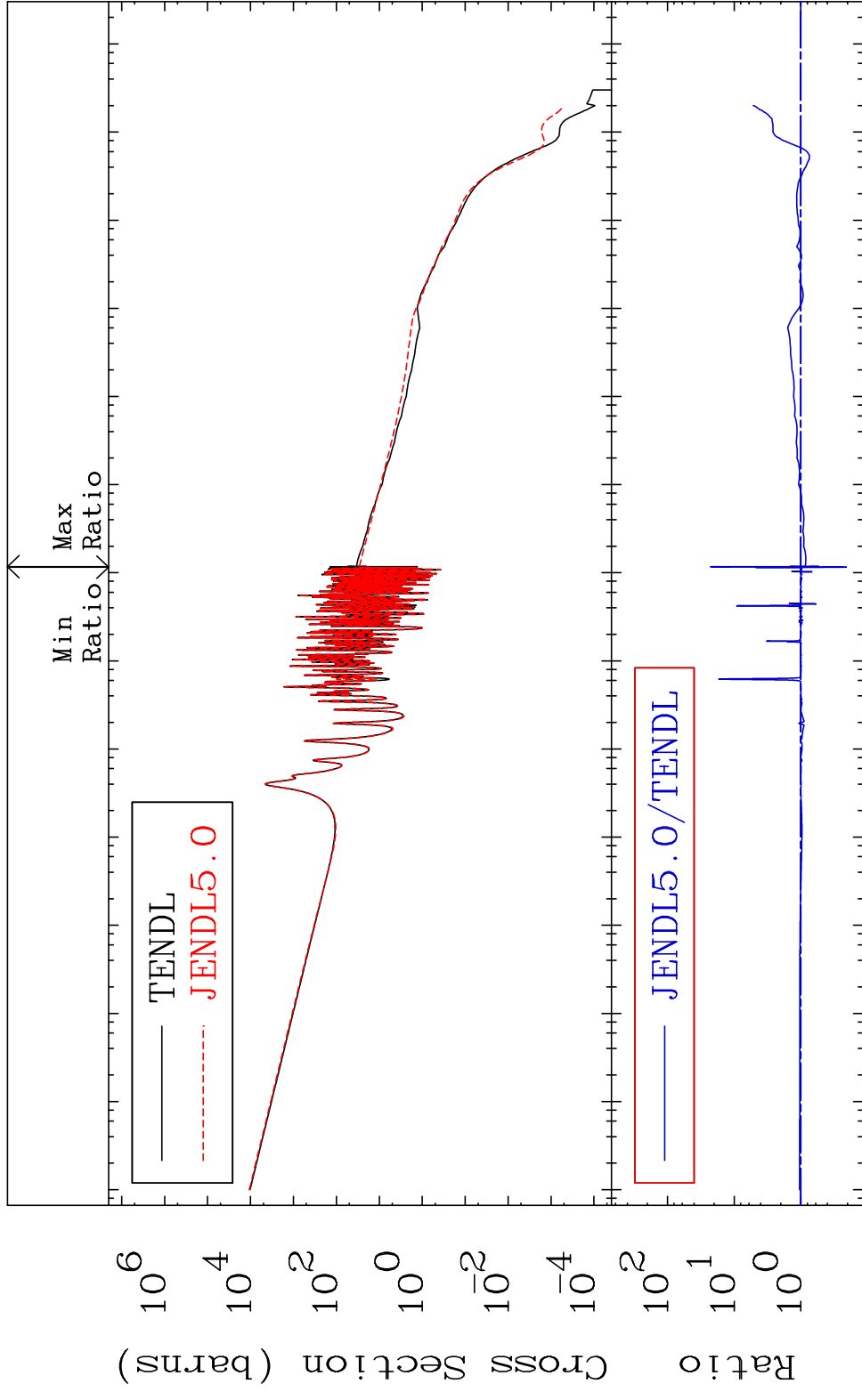
91-Pa-231

MAT 9131

91-Pa-231

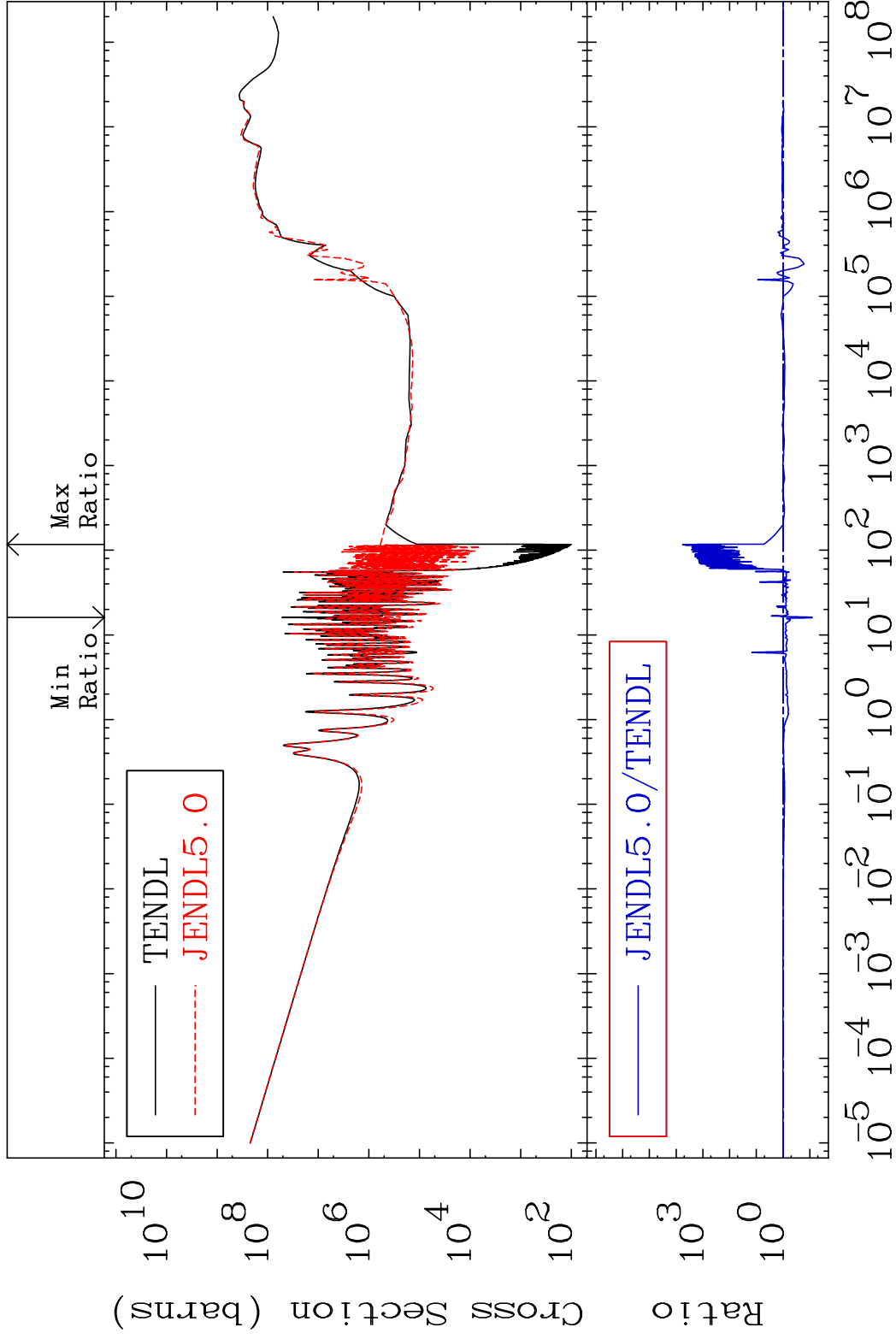
(n, γ)

Cross Section -79.18 To 2148. %



MAT 9131

Kerma total (eV-barns) 91-Pa-231
Cross Section -92.07 To 9999. %

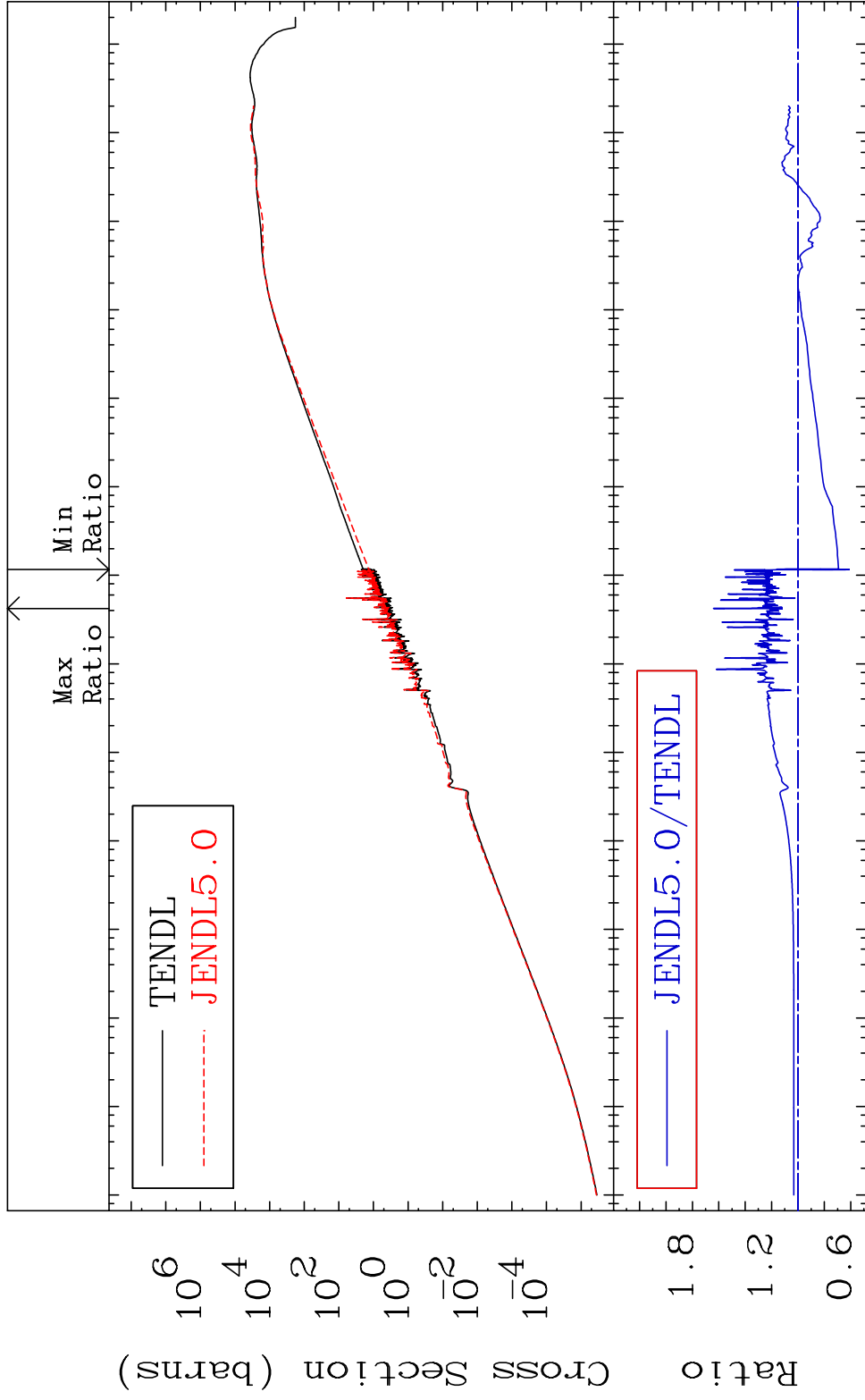


39

Incident Energy (eV) 91-Pa-231

MAT 9131

Kerma elastic Cross Section -38.86 To 64.25 %

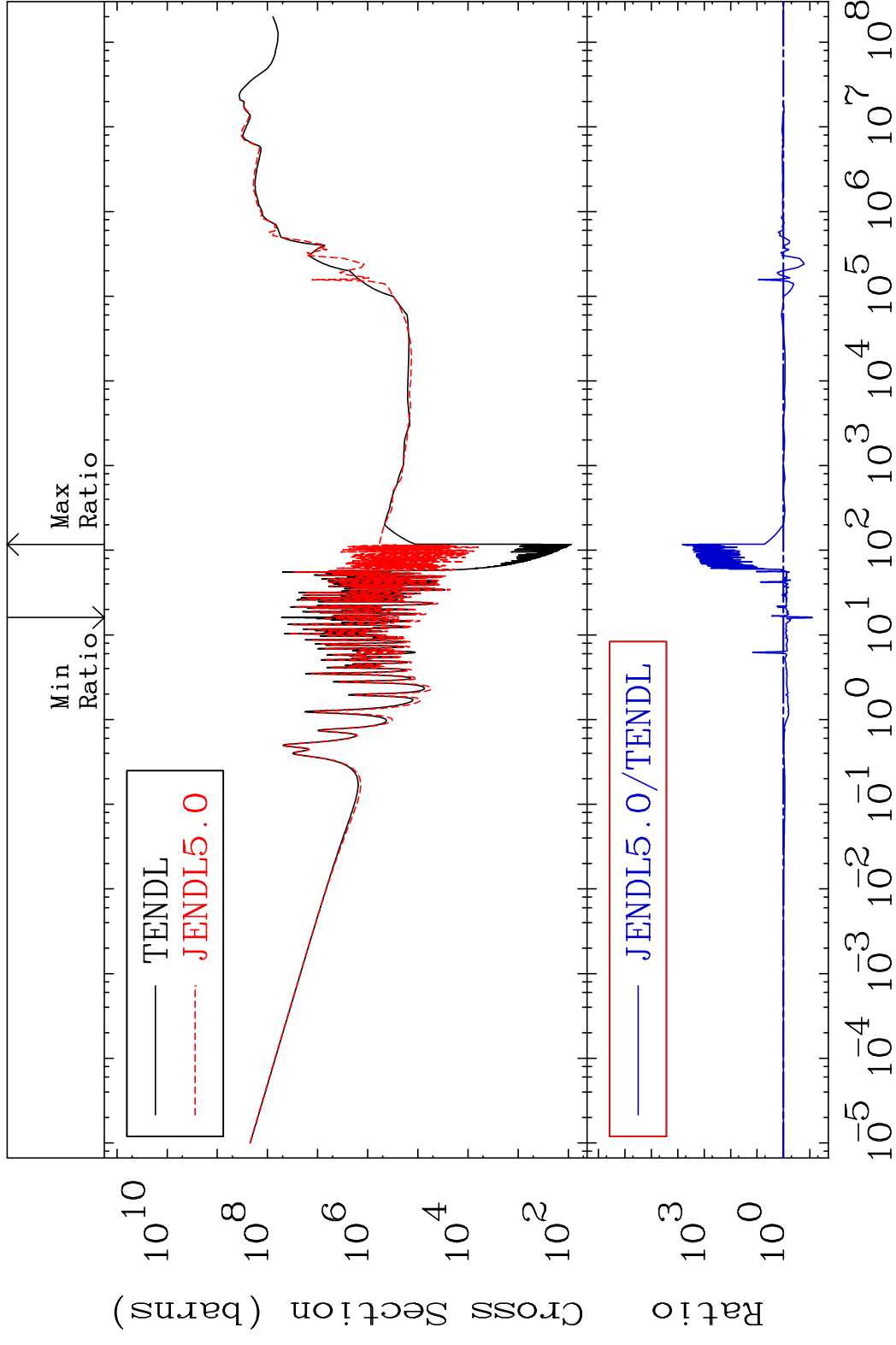


40

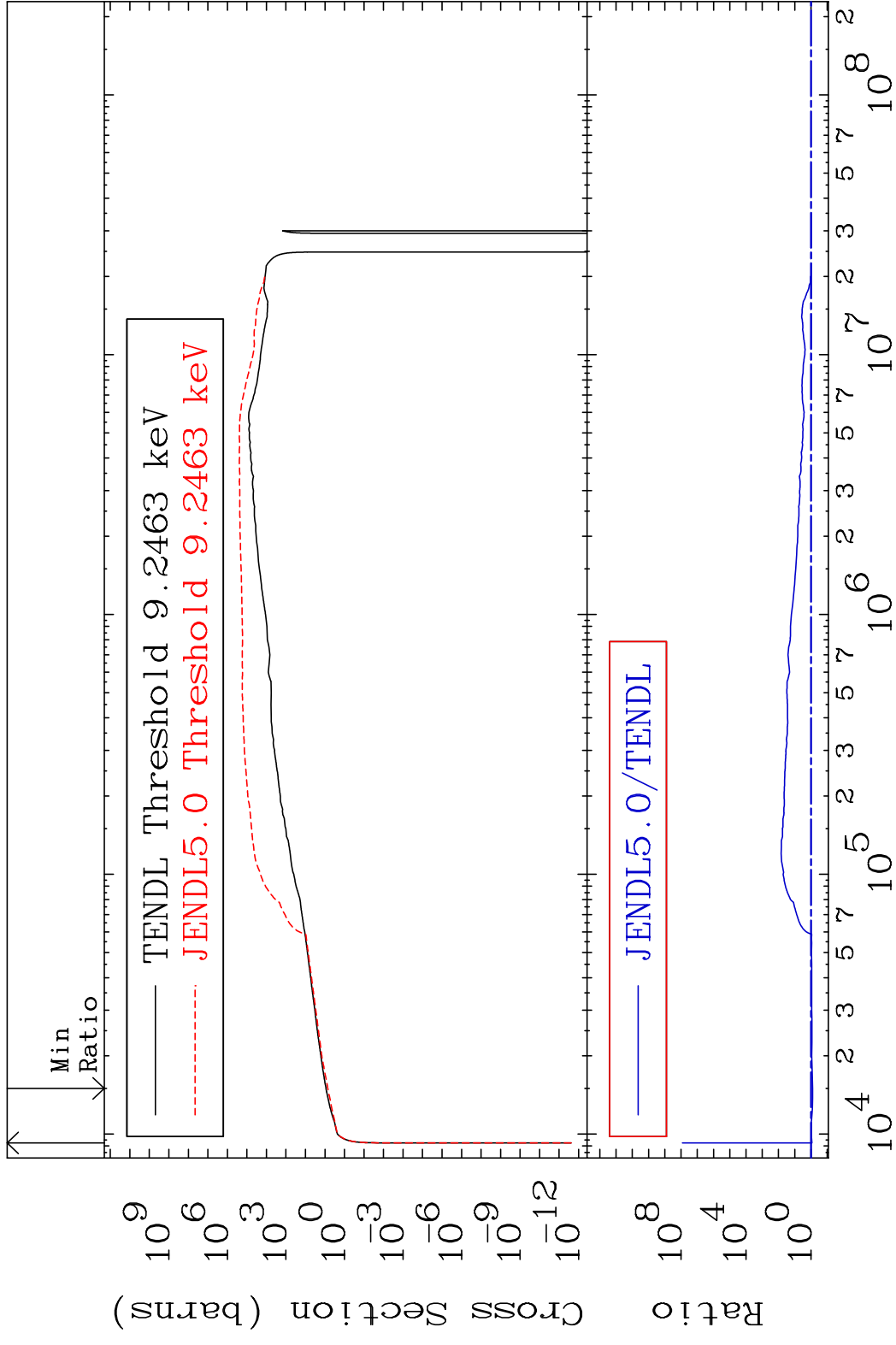
Incident Energy (eV)

91-Pa-231

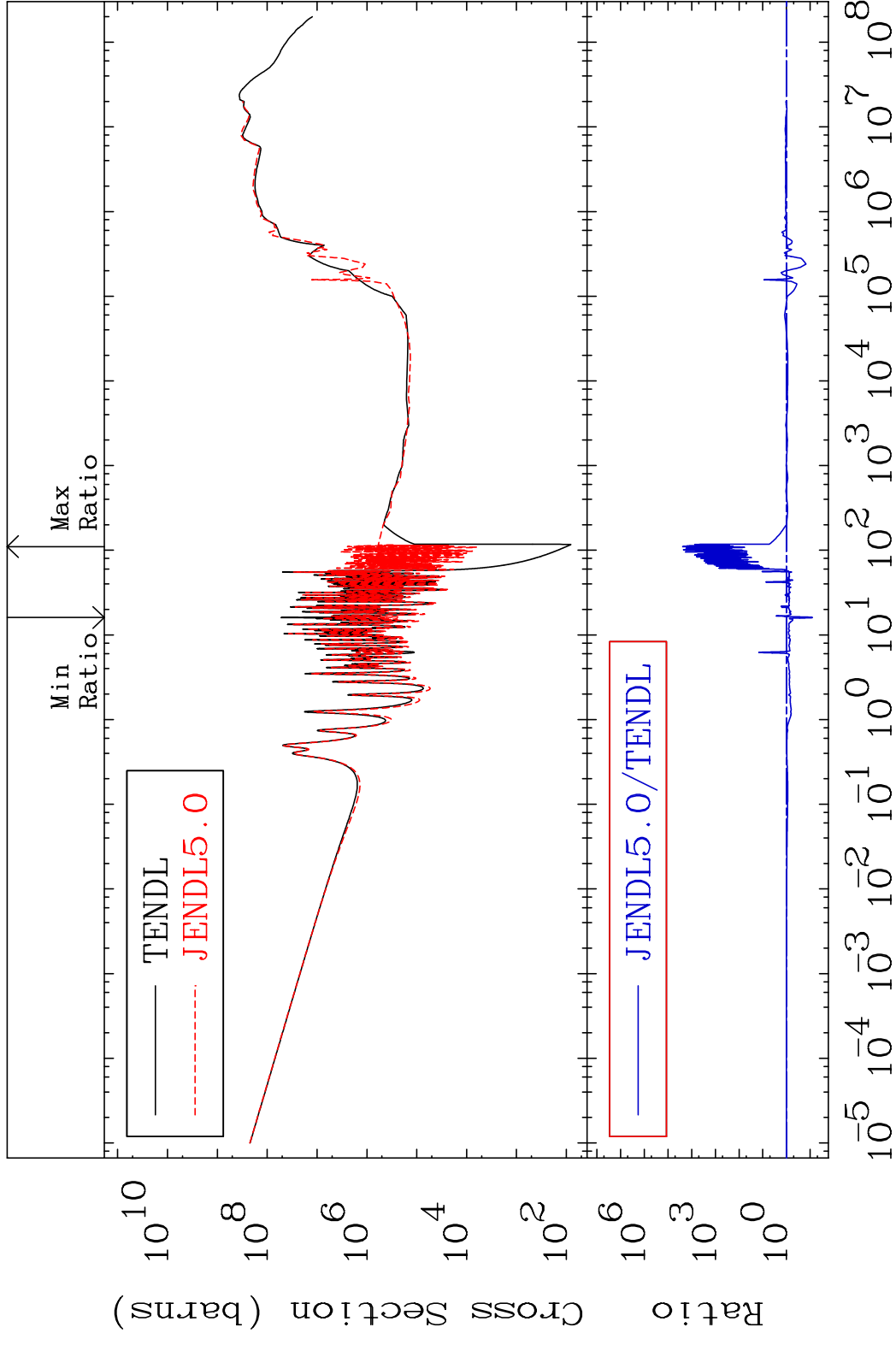
MAT 9131 Kerma non-elastic (all but mt2) 91-Pa-231
 Cross Section -92.07 To 9999. %



MAT 9131 Kerma inelastic (mt51-91) 91-Pa-231
 Cross Section -19.83 To 9999. %

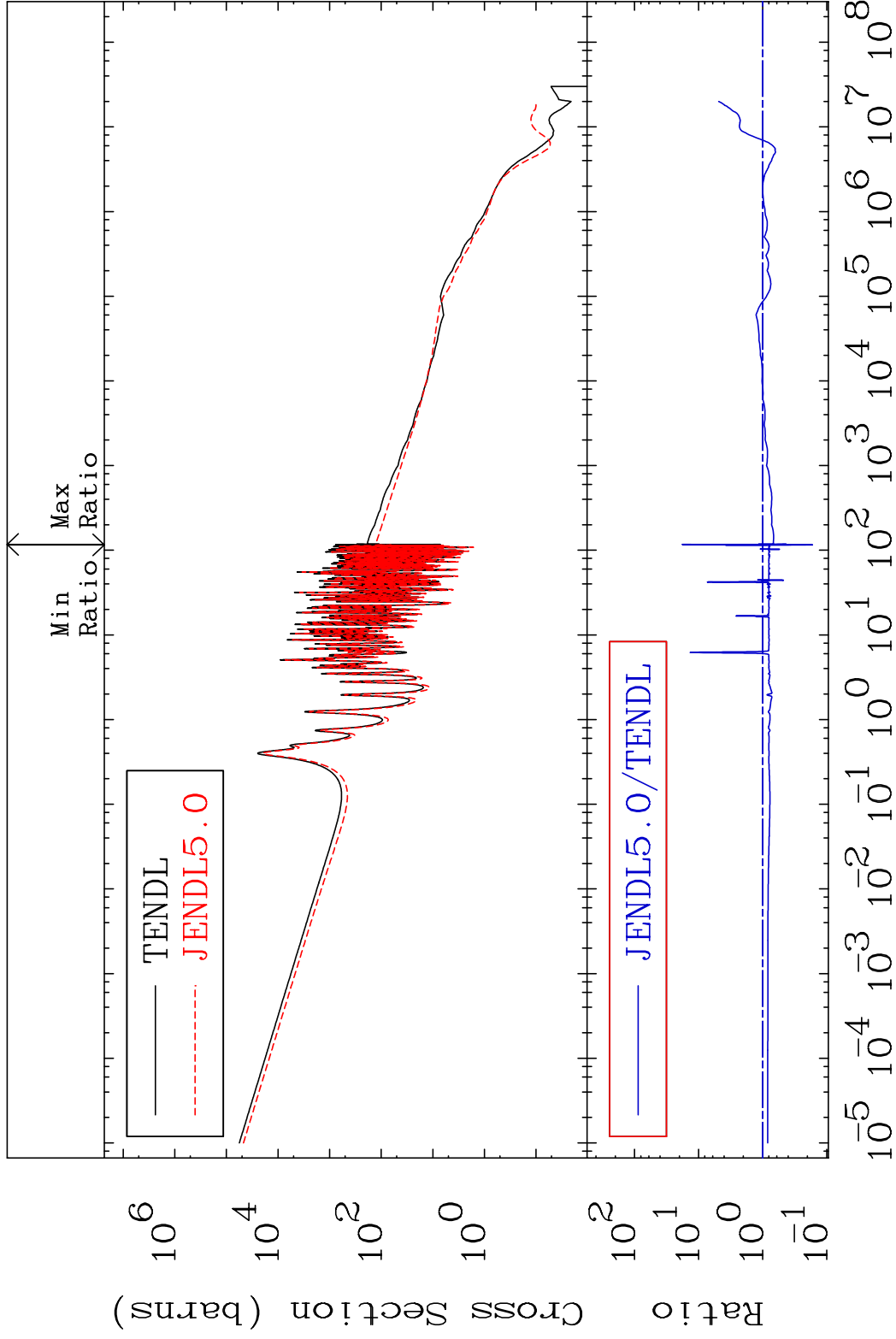


MAT 9131 Kerma fission (mt18 or mt19-20-21-38) 91-Pa-231
 Cross Section -92.07 To 9999. %



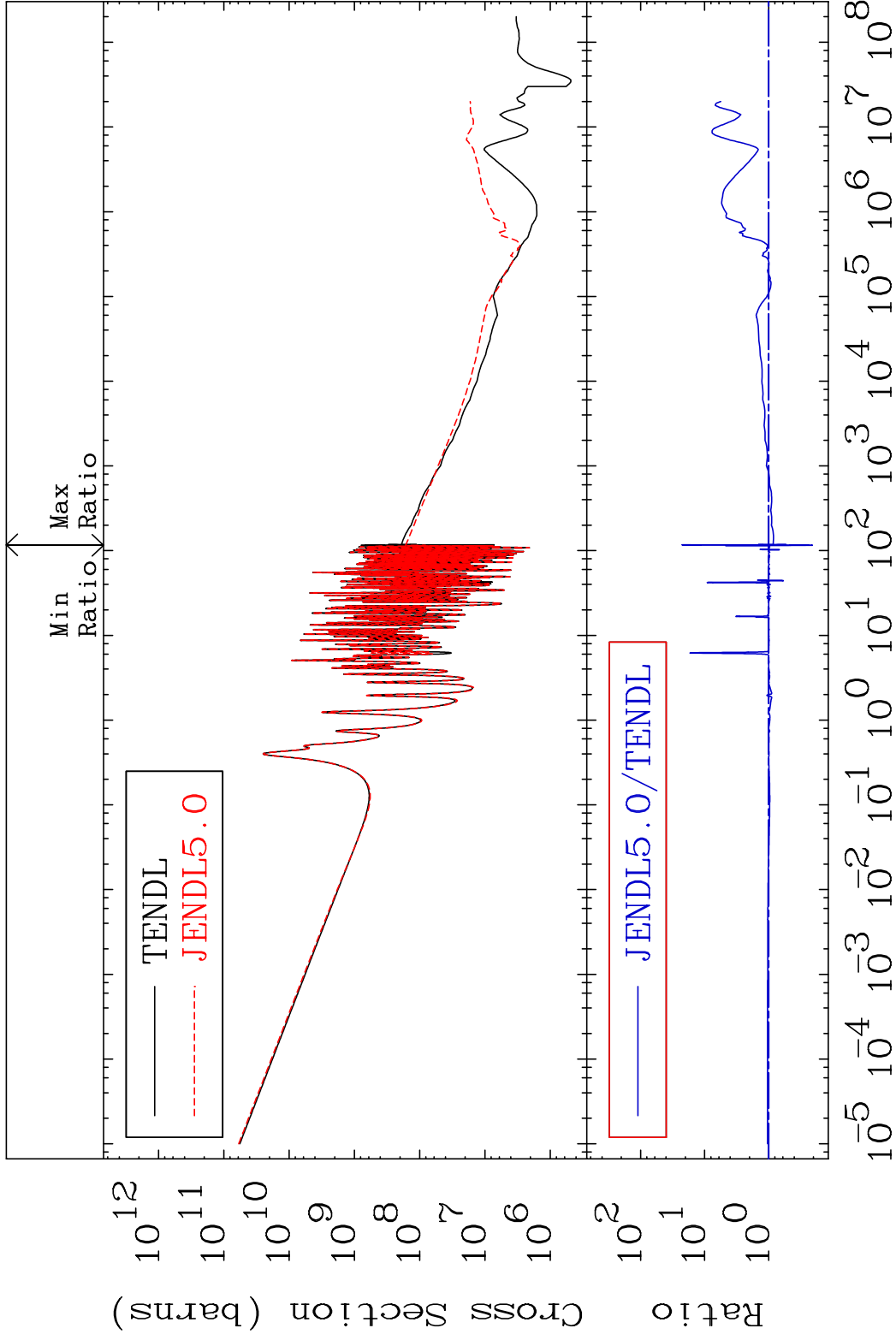
MAT 9131

Kerma capture (mt102) 91-Pa-231
Cross Section -83.39 To 1694. %



MAT 9131

Total photon (eV-barns) 91-Pa-231
Cross Section -79.22 To 2144. %

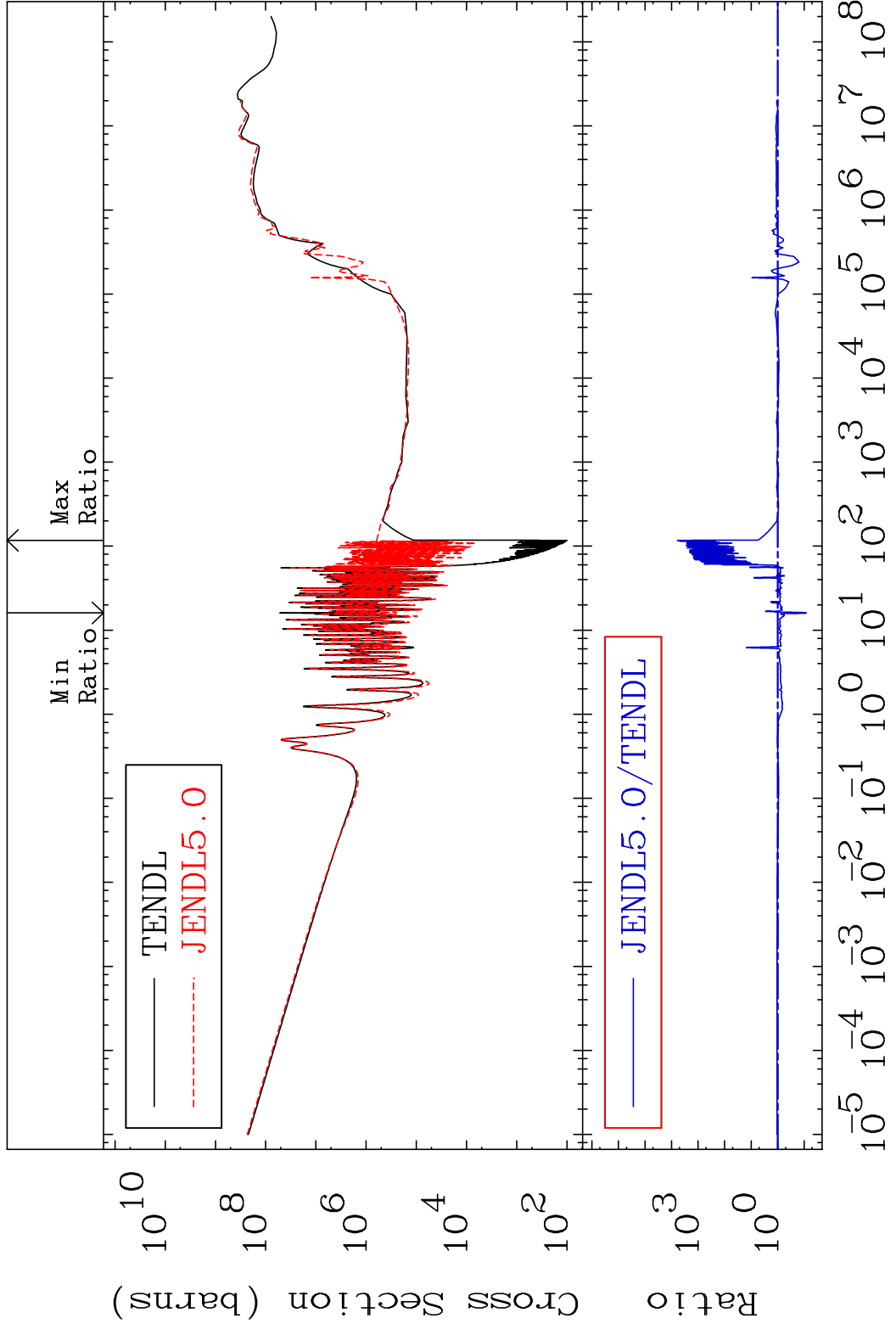


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Incident Energy (eV)

91-Pa-231

MAT 9131 Total kinematic kerma (high limit) 91-Pa-231
Cross Section -91.73 To 9999. %

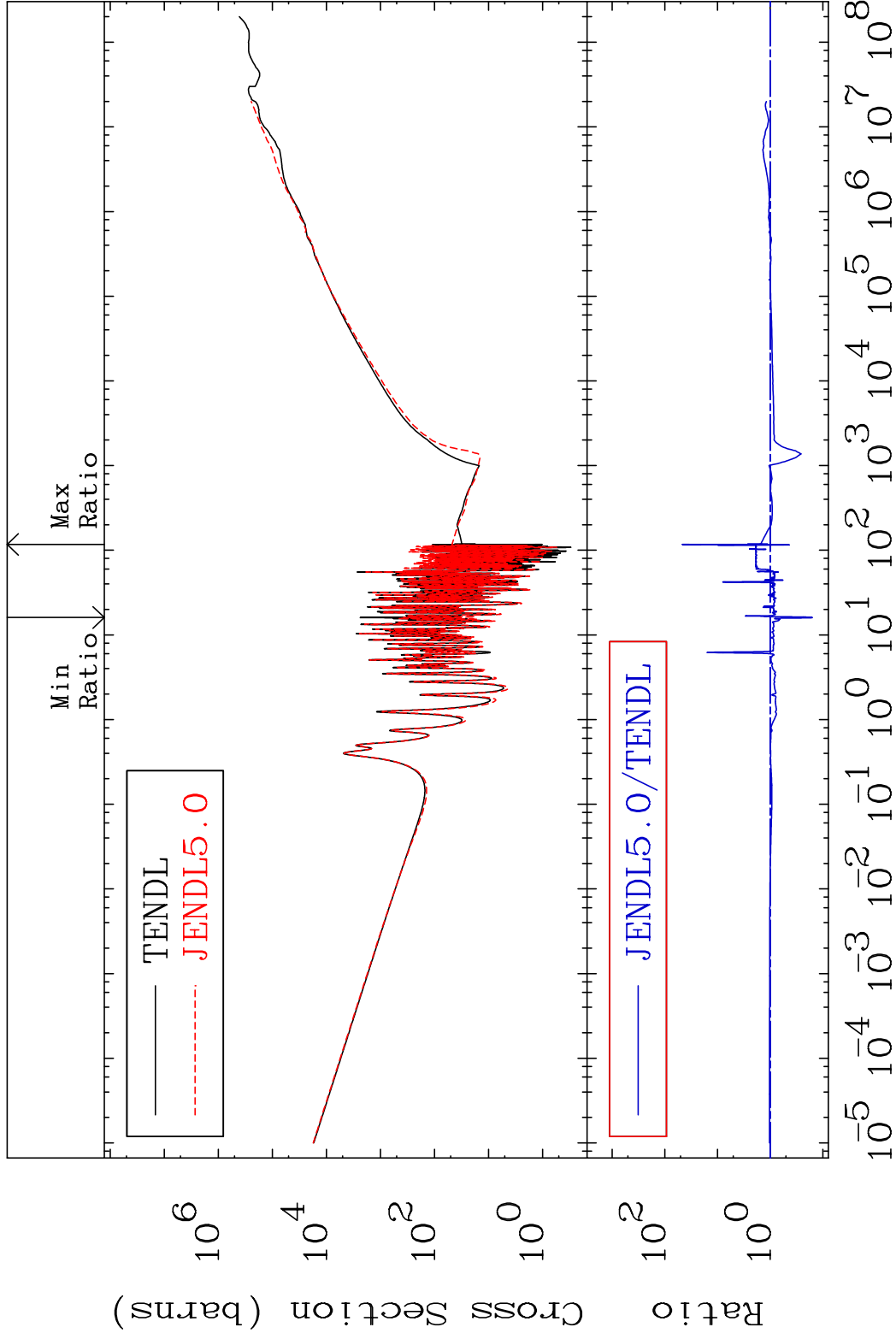


MAT 9131

Dpa total (eV-barns)

91-Pa-231

Cross Section -84.35 To 4536. %



47

Incident Energy (eV)

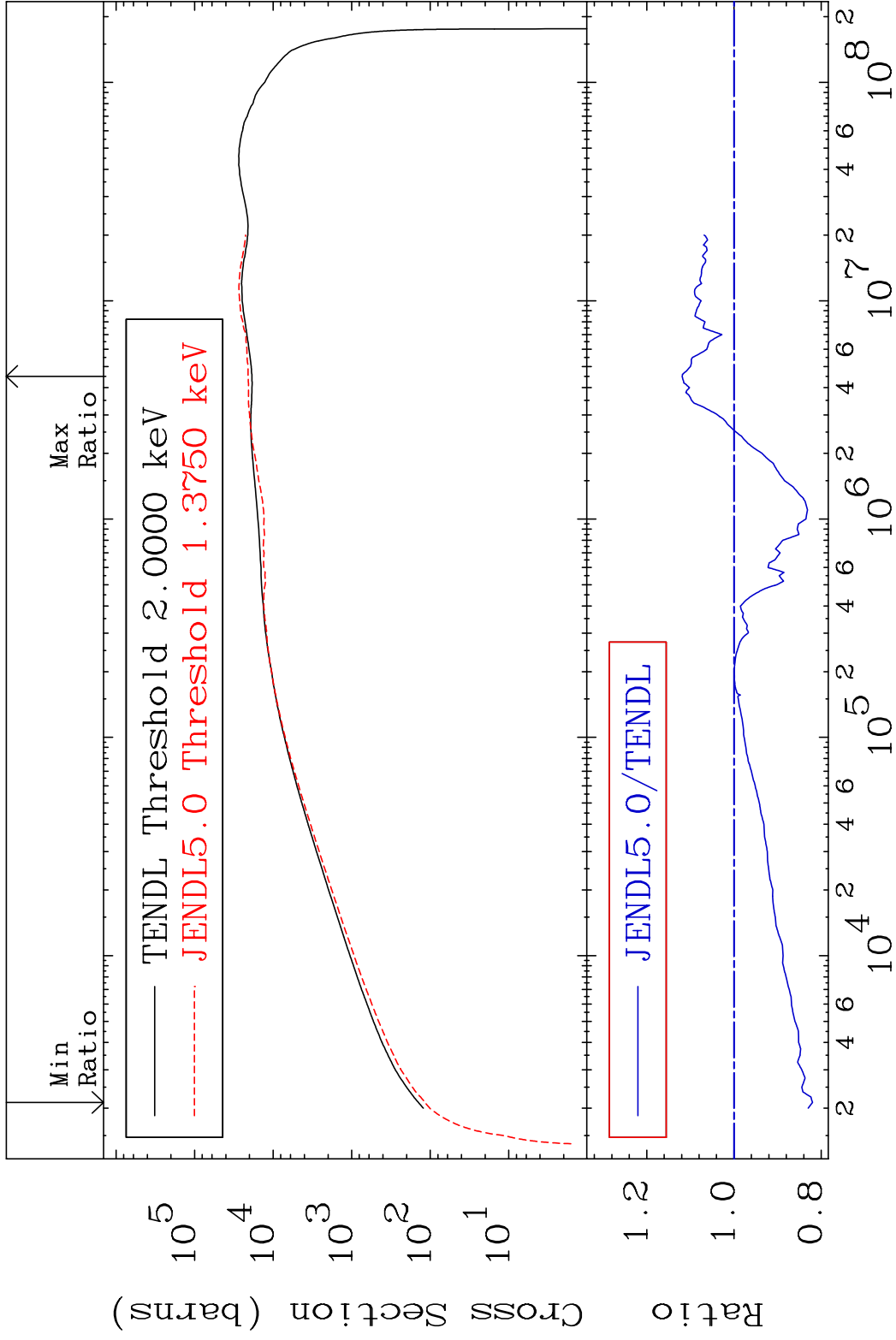
91-Pa-231

MAT 9131

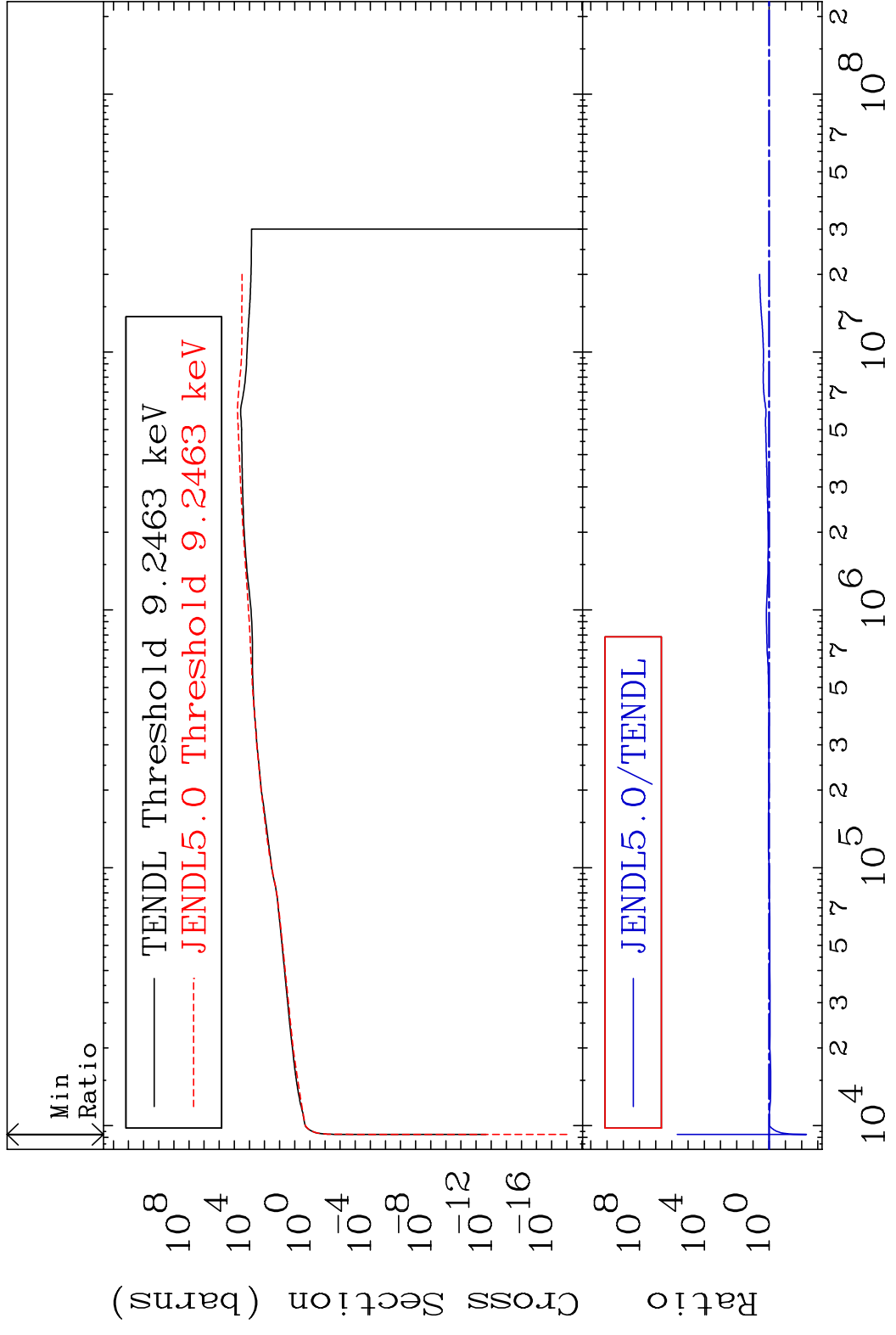
Dpa elastic (mt2)

91-Pa-231

Cross Section -18.00 To 11.88 %



MAT 9131 Dpa inelastic (mt51-91) 91-Pa-231
 Cross Section -99.49 To 9999. %



49 Incident Energy (eV) 91-Pa-231

MAT 9131 Dpa disappearance (mt102 -120) 91-Pa-231
 Cross Section -100.0 To 2116. %

