

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

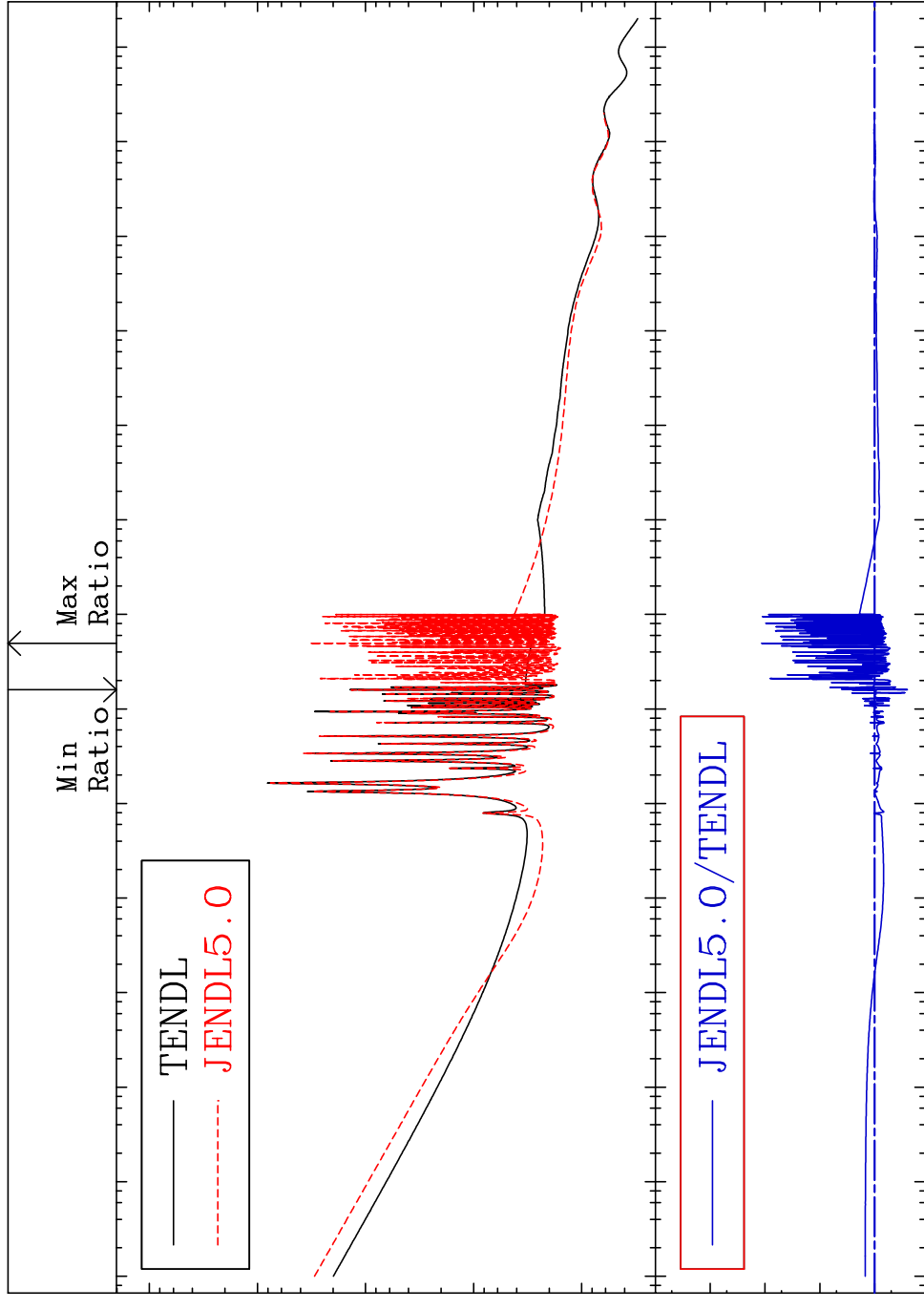
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 9137

Total
Cross Section -74.45 To 9999. %



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

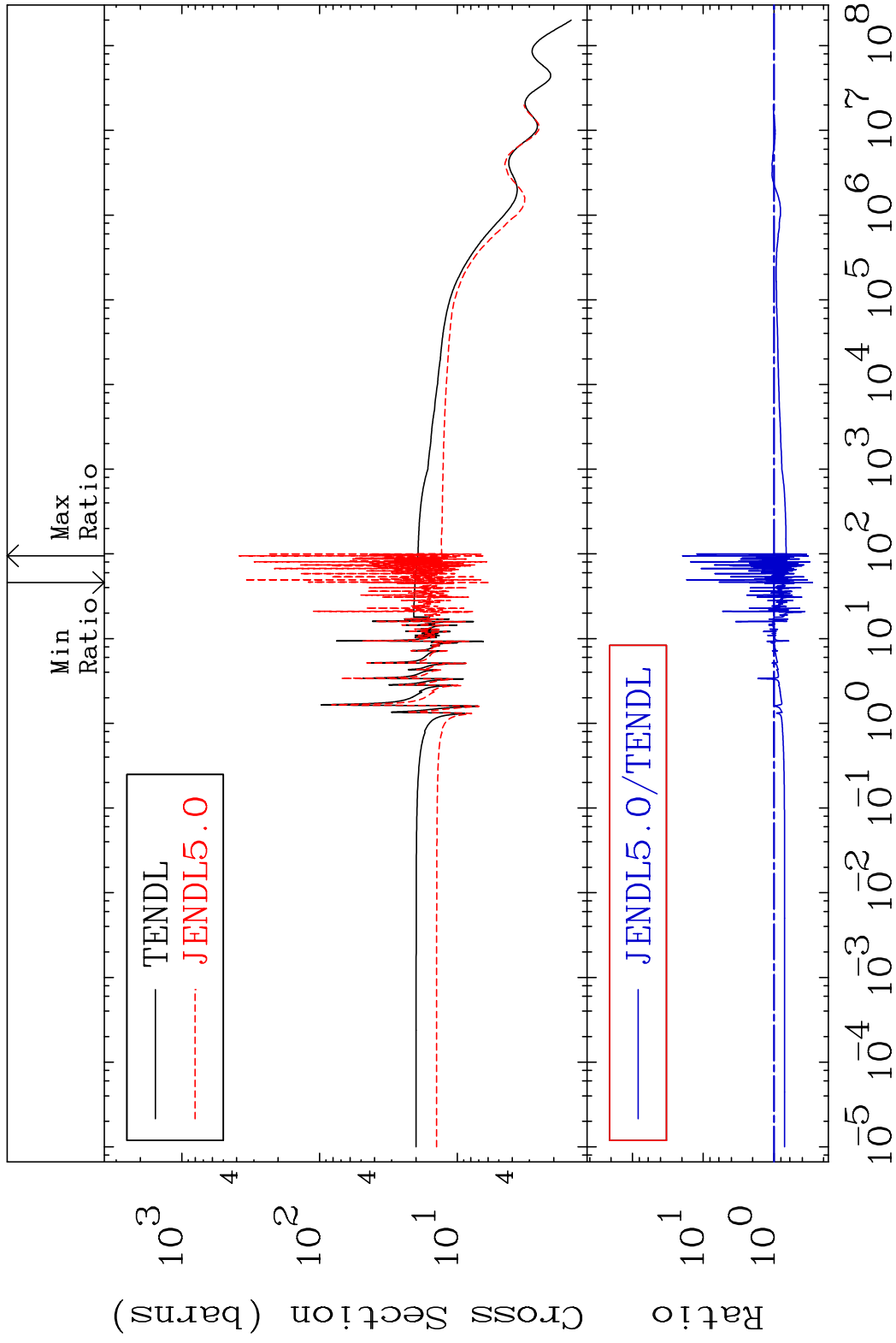
Ratio
10²
10⁰
1
Incident Energy (eV) 91-Pa-233

MAT 9137

Elastic

91-Pa-233

Cross Section -71.39 To 1871. %



2

Incident Energy (eV)

91-Pa-233

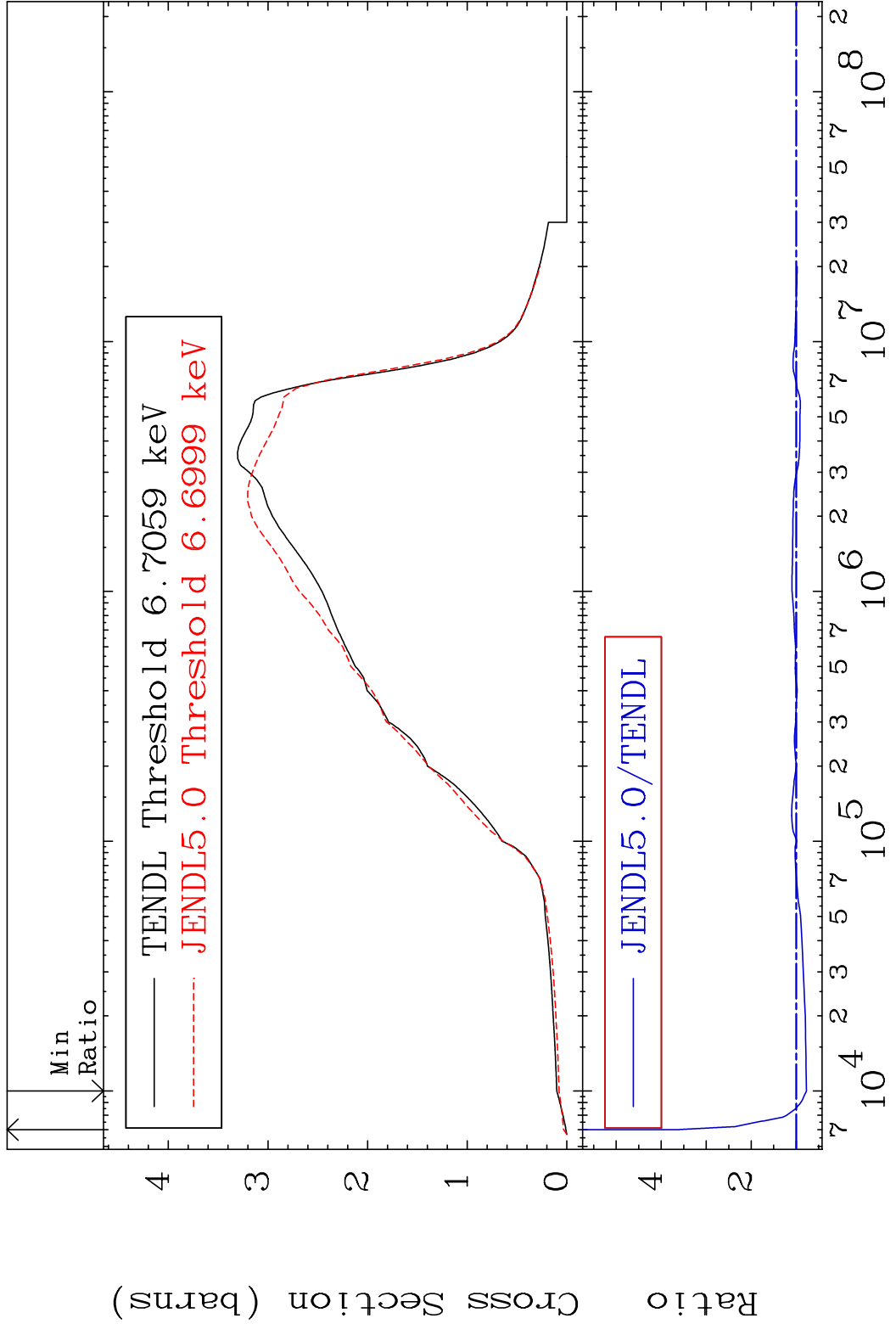
MAT 9137

Inelastic

91-Pa-233

Cross Section

-22.67 To 264.5 %



3

Incident Energy (eV)

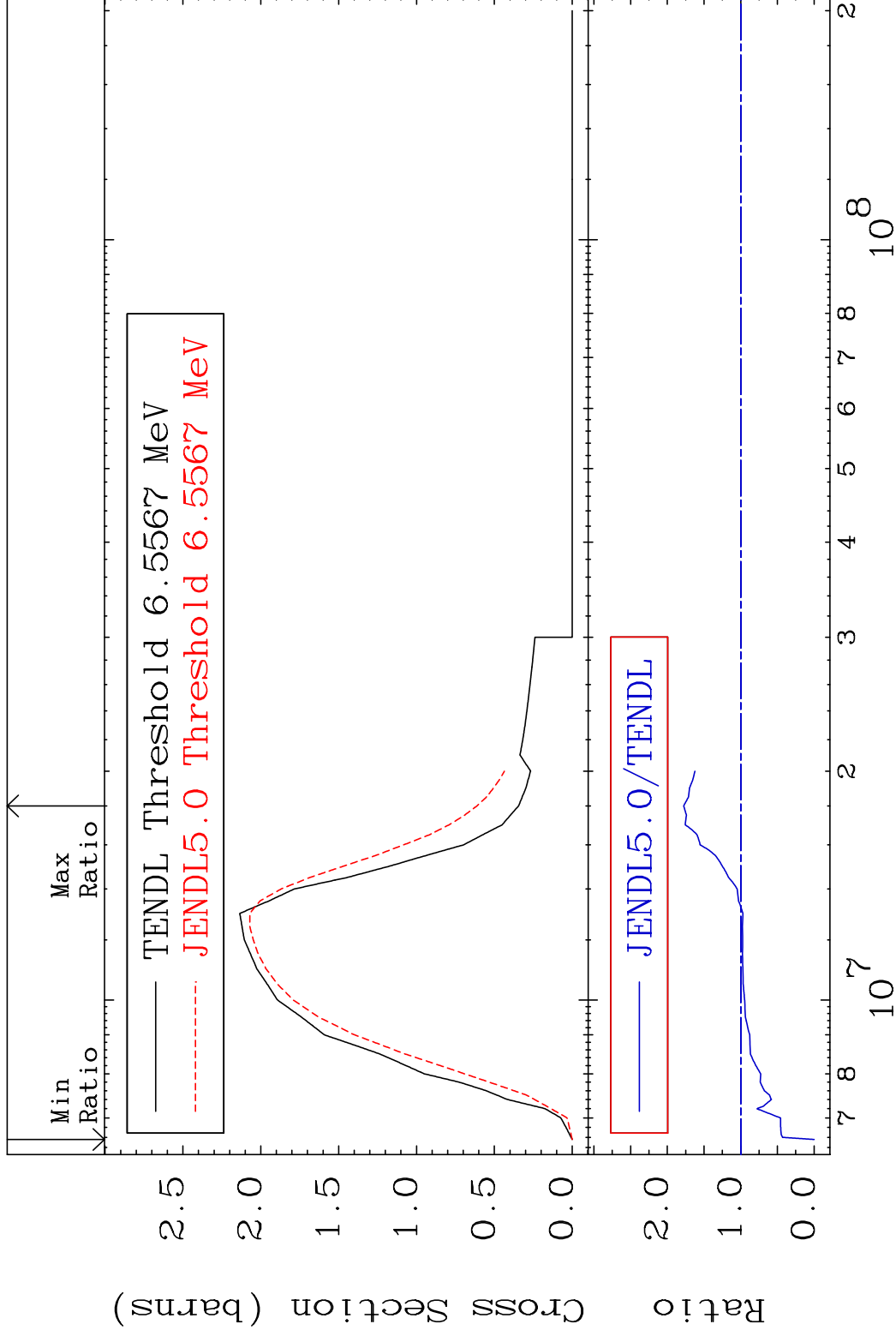
91-Pa-233

MAT 9137

(n,2n)

91-Pa-233

Cross Section -100.0 To 77.75 %



4

Incident Energy (eV)

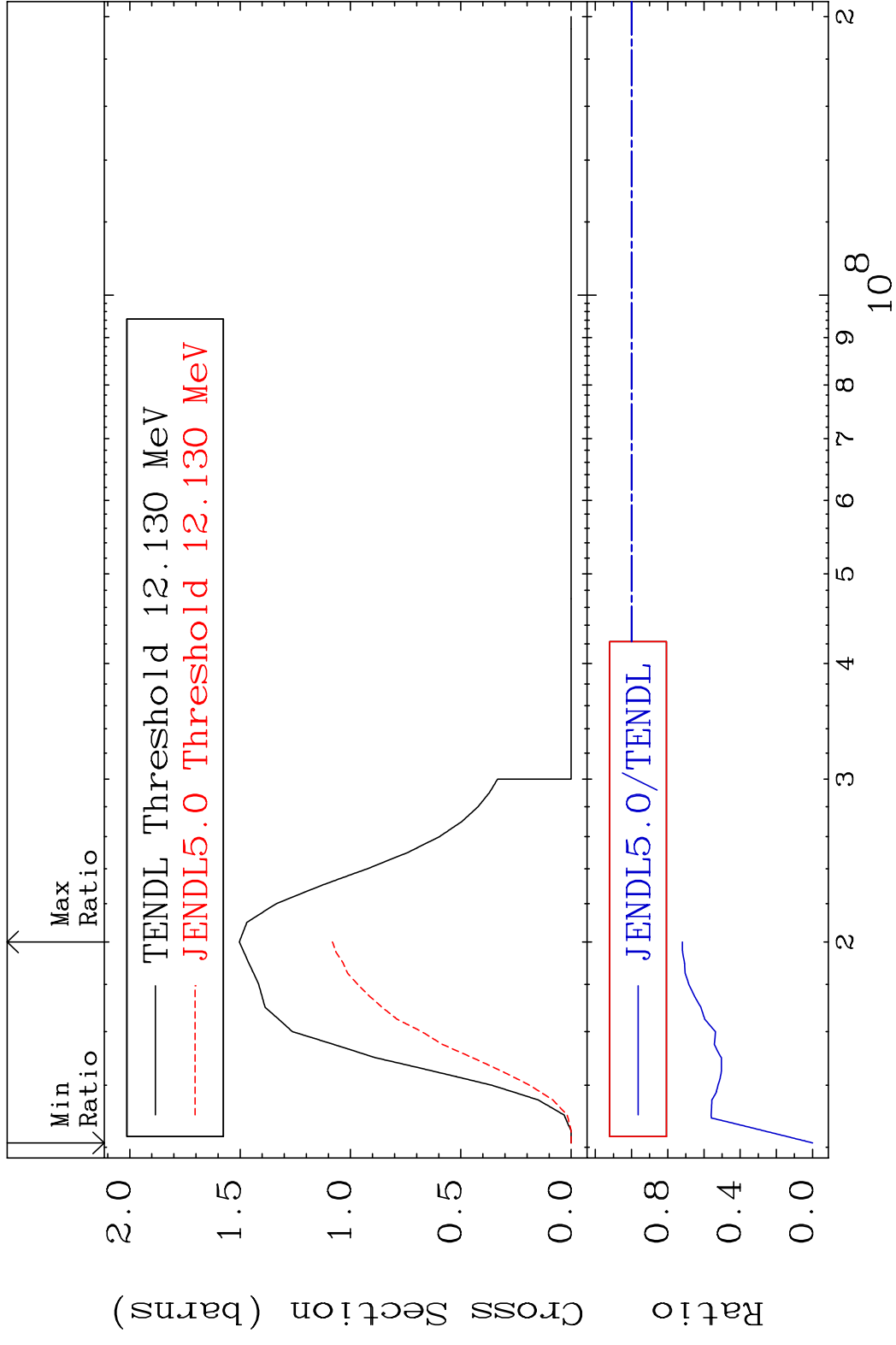
91-Pa-233

MAT 9137

(n,3n)

91-Pa-233

Cross Section -100.0 To -28.07%

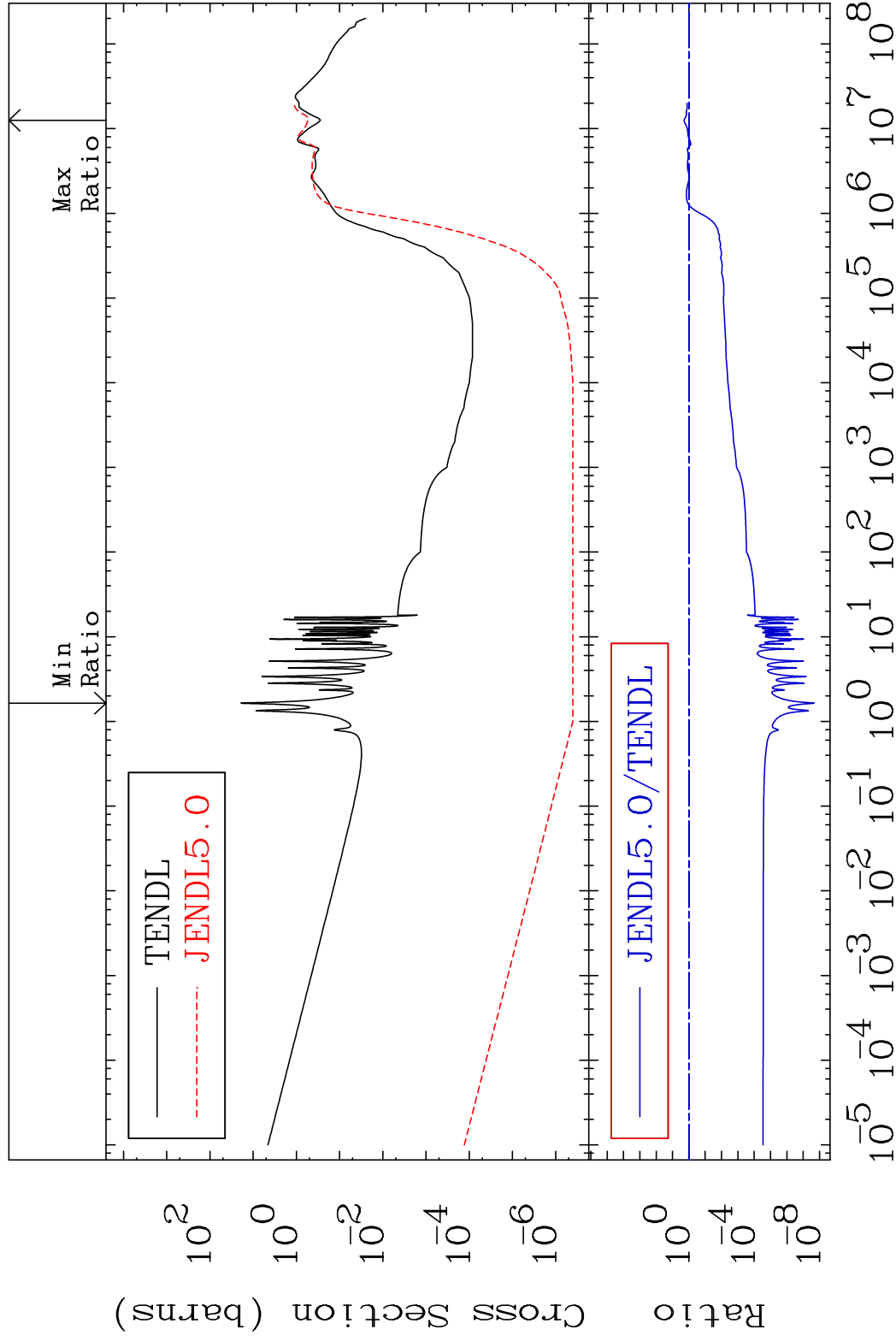


MAT 9137

Fission

91-Pa-233

Cross Section -100.0 To 96.30 %



6

Incident Energy (eV)

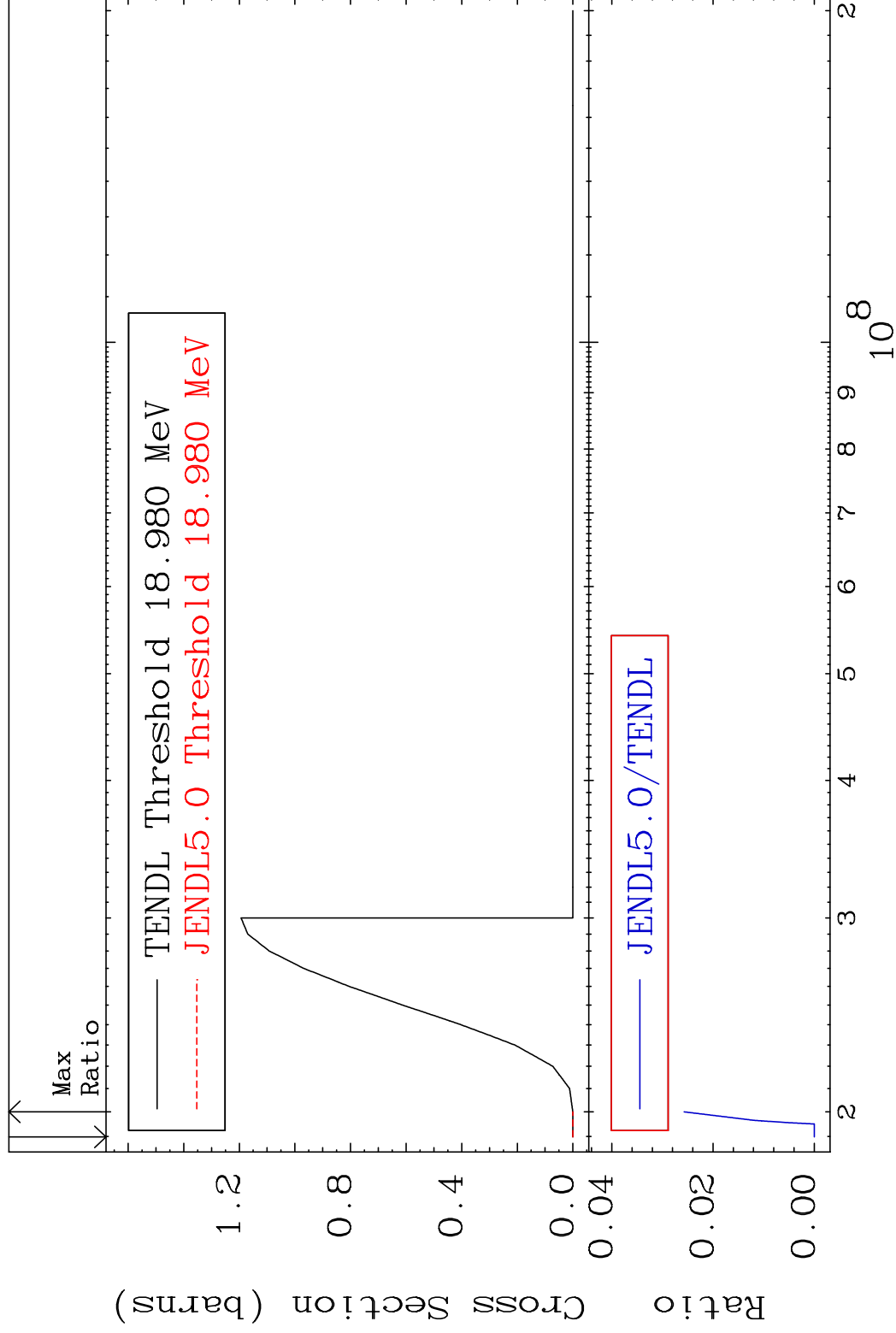
91-Pa-233

MAT 9137

(n,4n)

91-Pa-233

Cross Section -100.0 To -97.43%

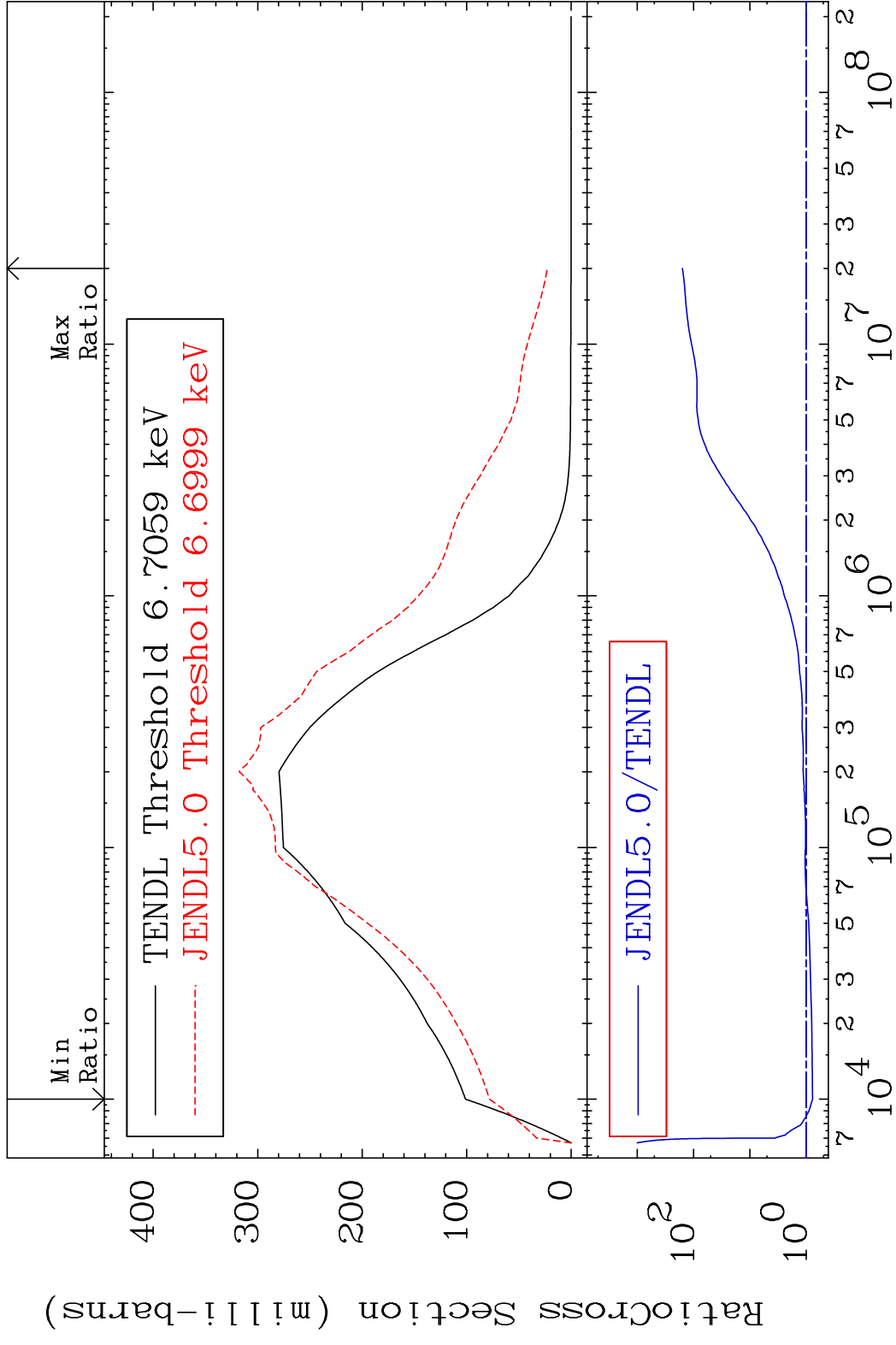


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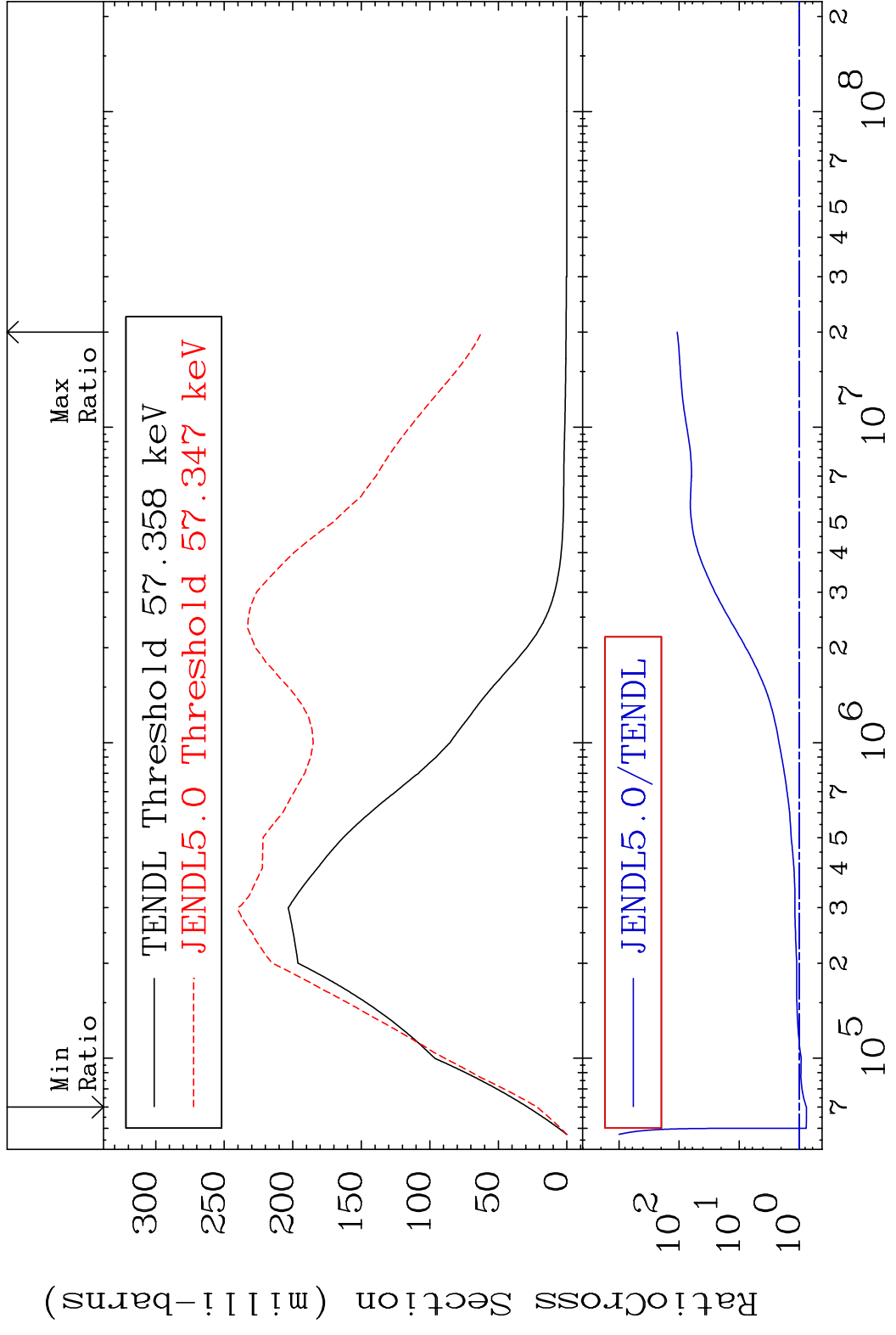
Incident Energy (eV)

91-Pa-233

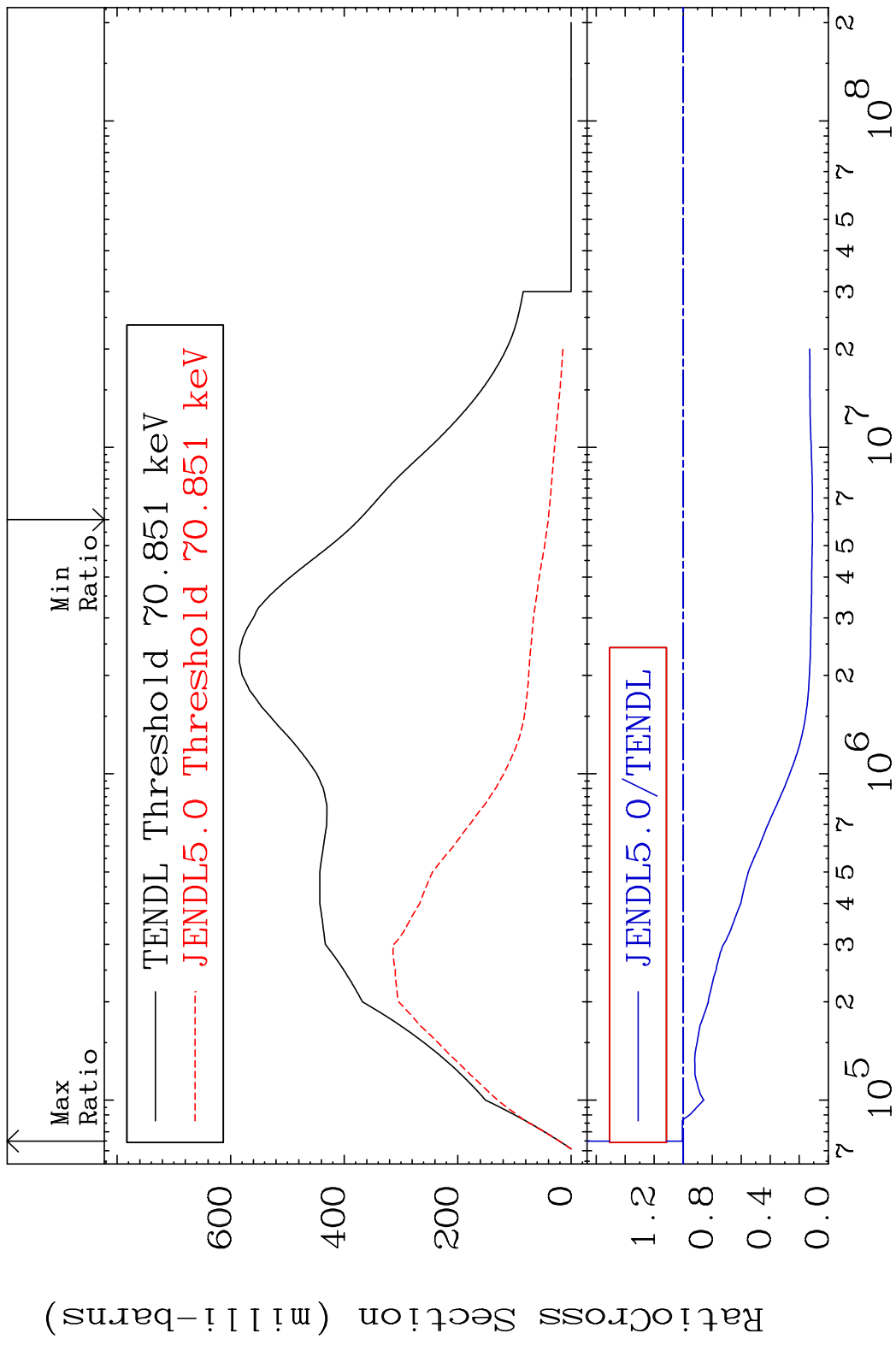
MAT 9137 MT= 51 (n,n') Level 91-Pa-233
 Cross Section -22.67 To 9999. %



MAT 9137 MT= 52 (n, n') Level 91-Pa-233
 Cross Section -24.16 To 9999. %



MAT 9137 MT= 53 (n, n') Level 91-Pa-233
 Cross Section -89.22 To 0.578 %



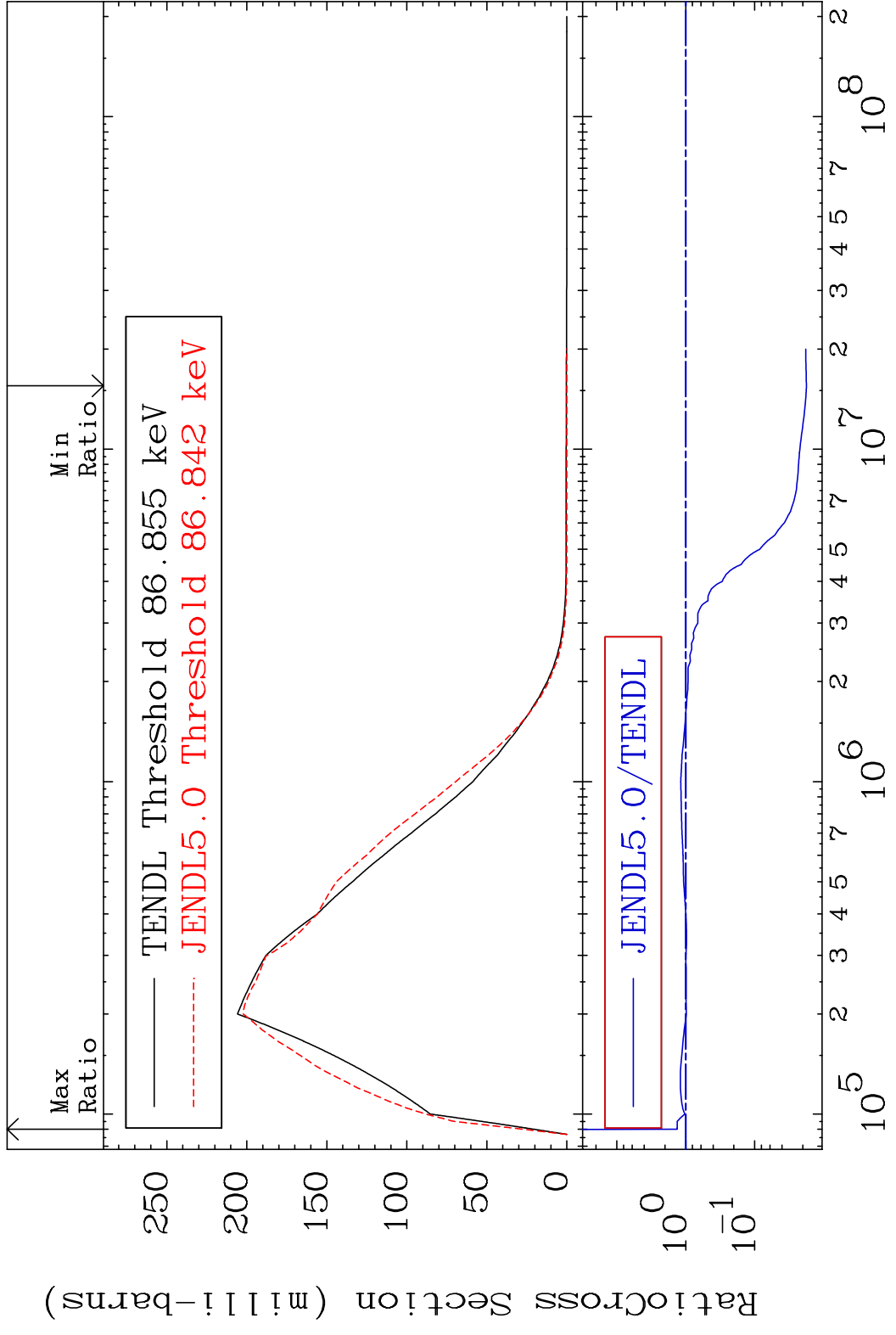
10 Incident Energy (eV) 91-Pa-233

MAT 9137

MT= 54 (n, n') Level

91-Pa-233

Cross Section -98.23 To 33.02 %

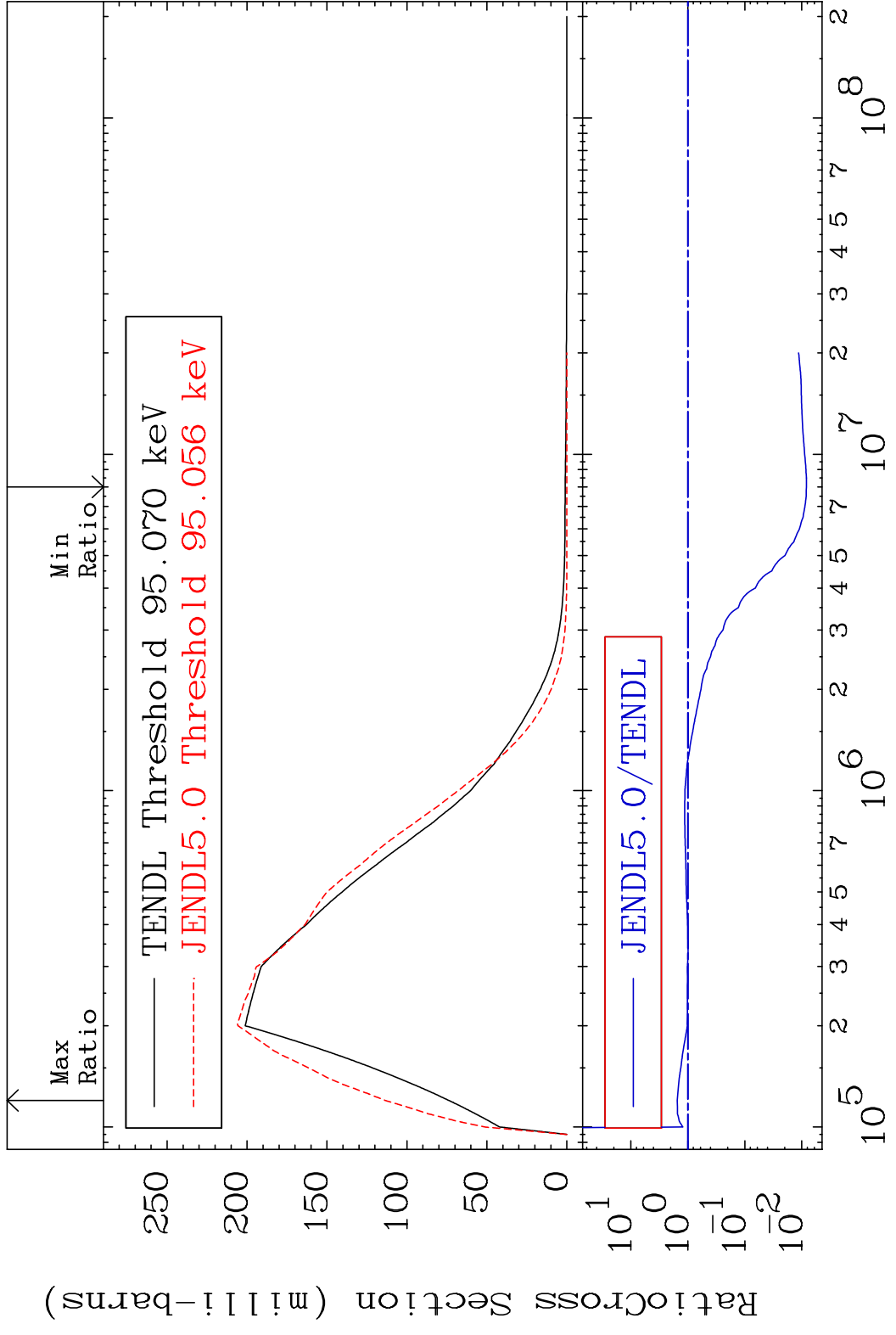


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Incident Energy (eV)

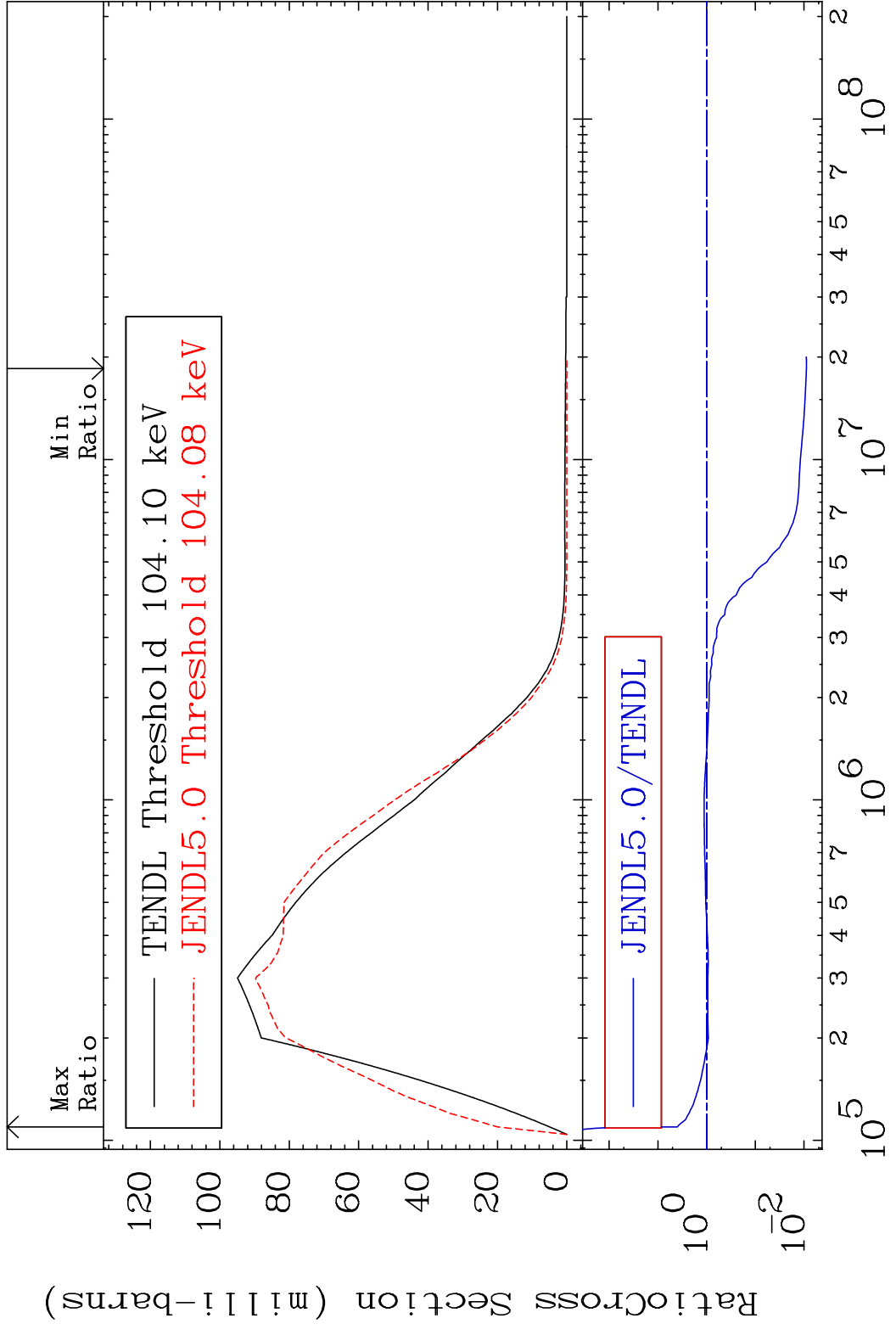
91-Pa-233

MAT 9137 MT= 55 (n,n') Level 91-Pa-233
 Cross Section -99.17 To 53.95 %



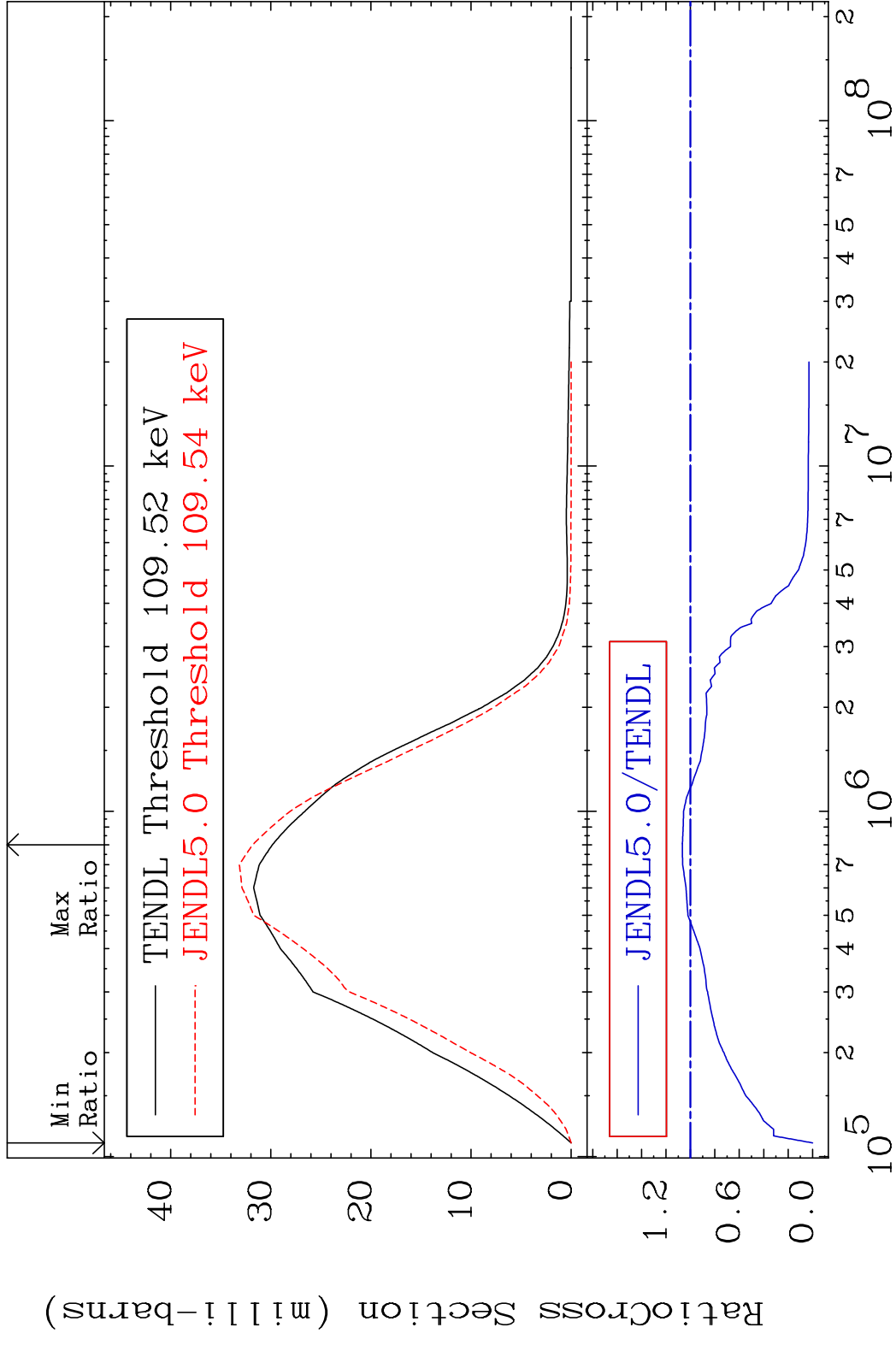
12 Incident Energy (eV) 91-Pa-233

MAT 9137 MT= 56 (n,n') Level 91-Pa-233
 Cross Section -99.11 To 301.6 %

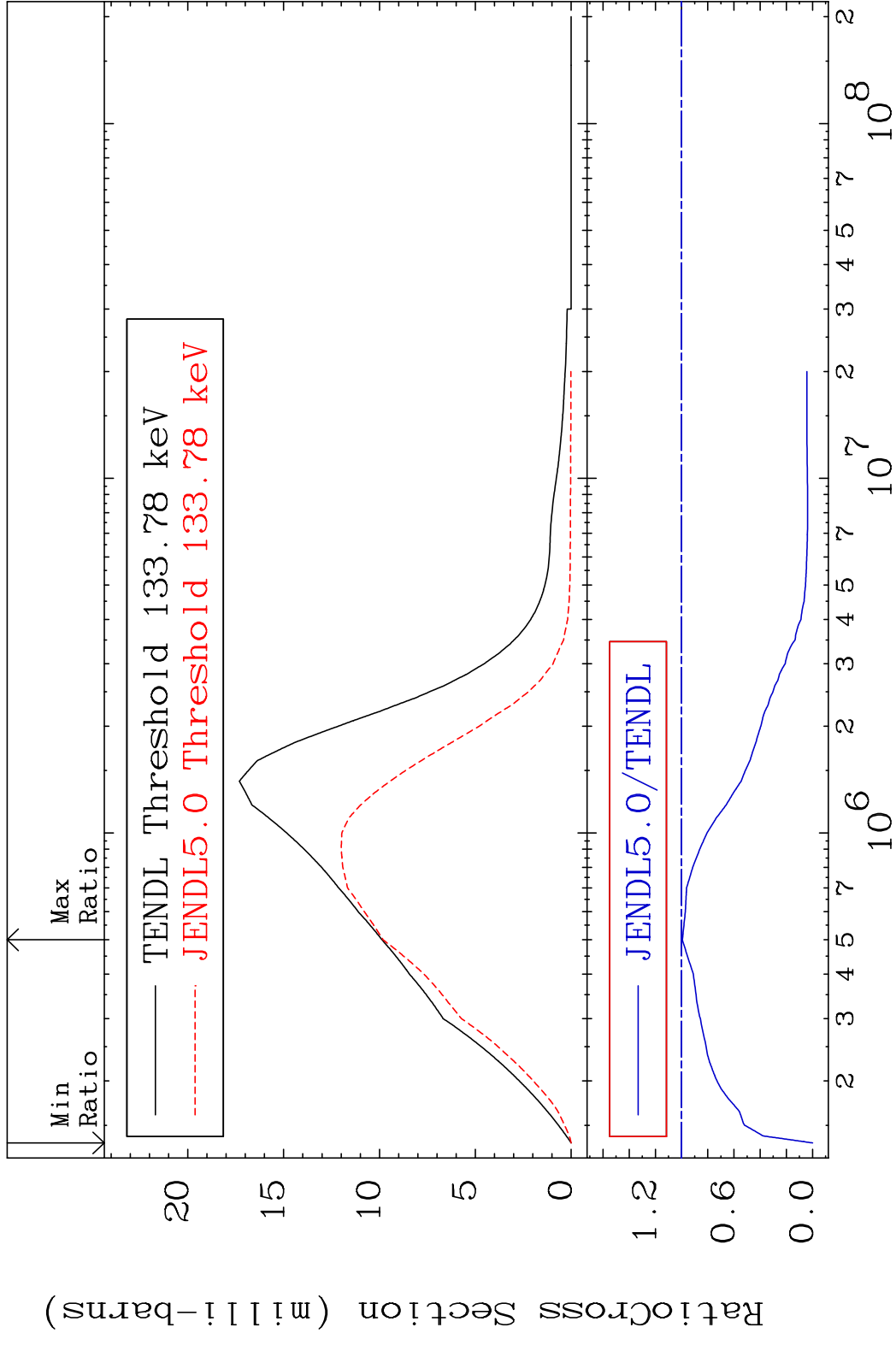


13 Incident Energy (eV) 91-Pa-233

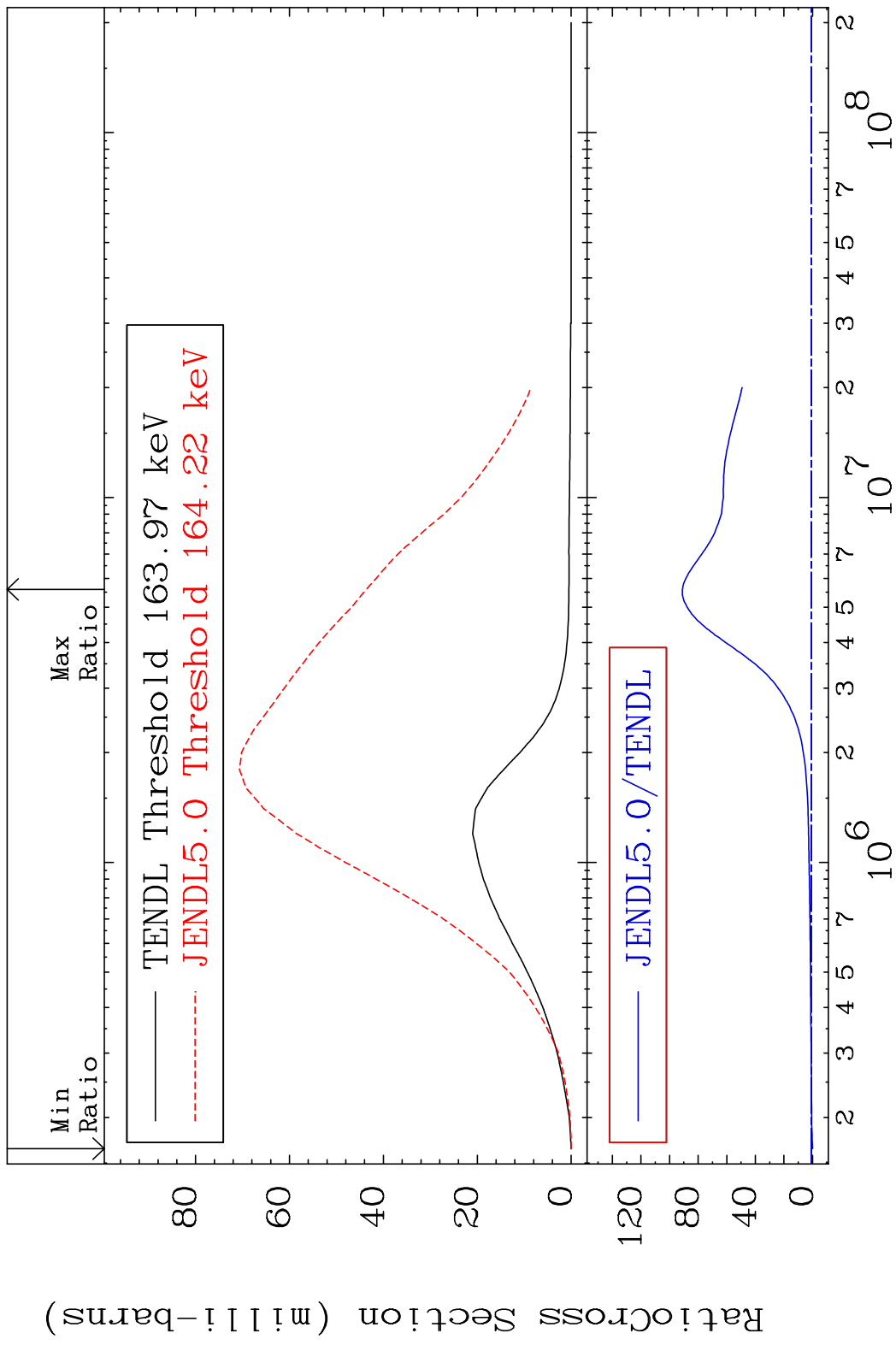
MAT 9137 MT= 57 (n,n') Level 91-Pa-233
 Cross Section -100.0 To 6.588 %



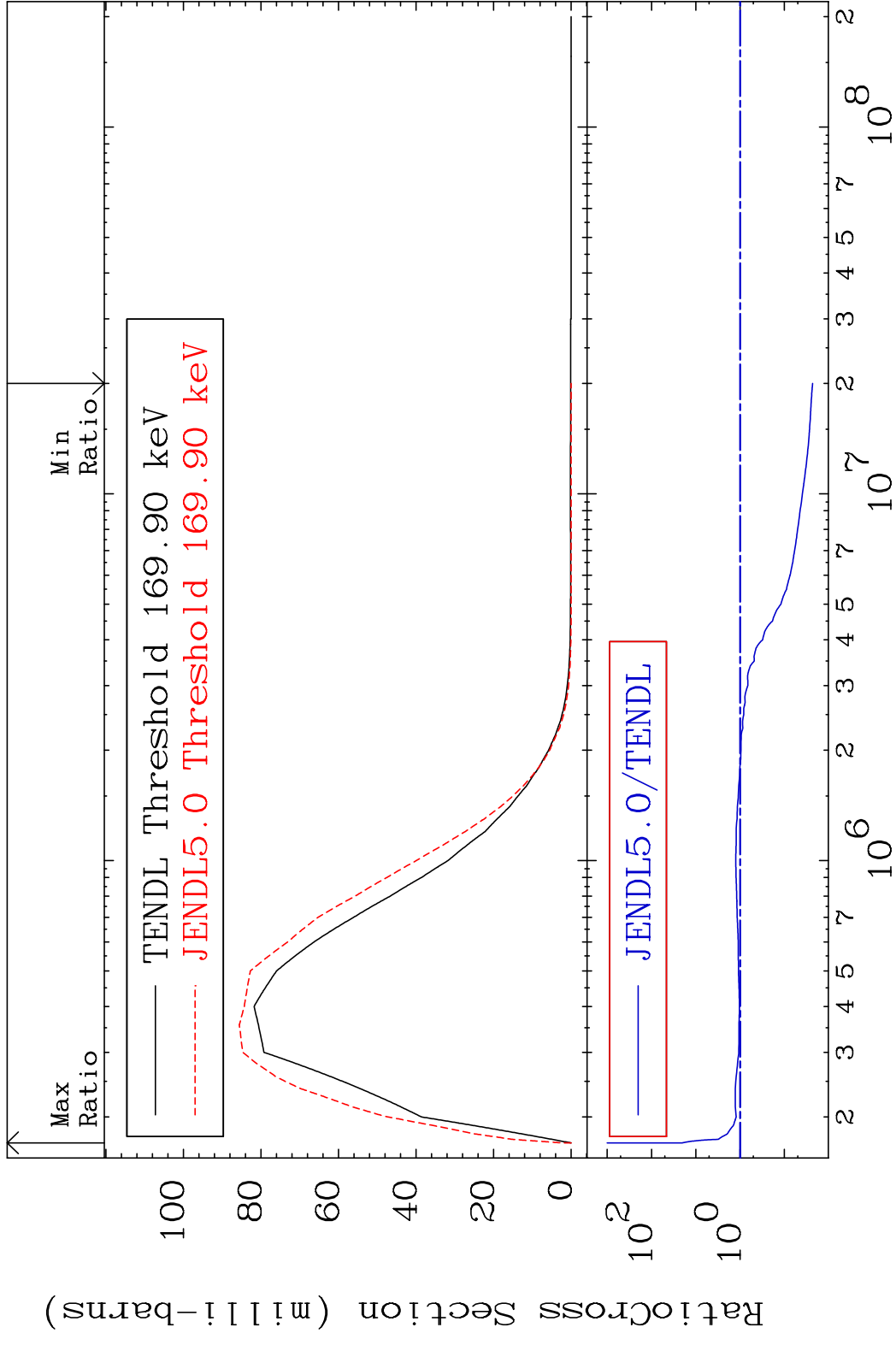
MAT 9137 MT= 58 (n,n') Level 91-Pa-233
 Cross Section -100.0 To -0.593%



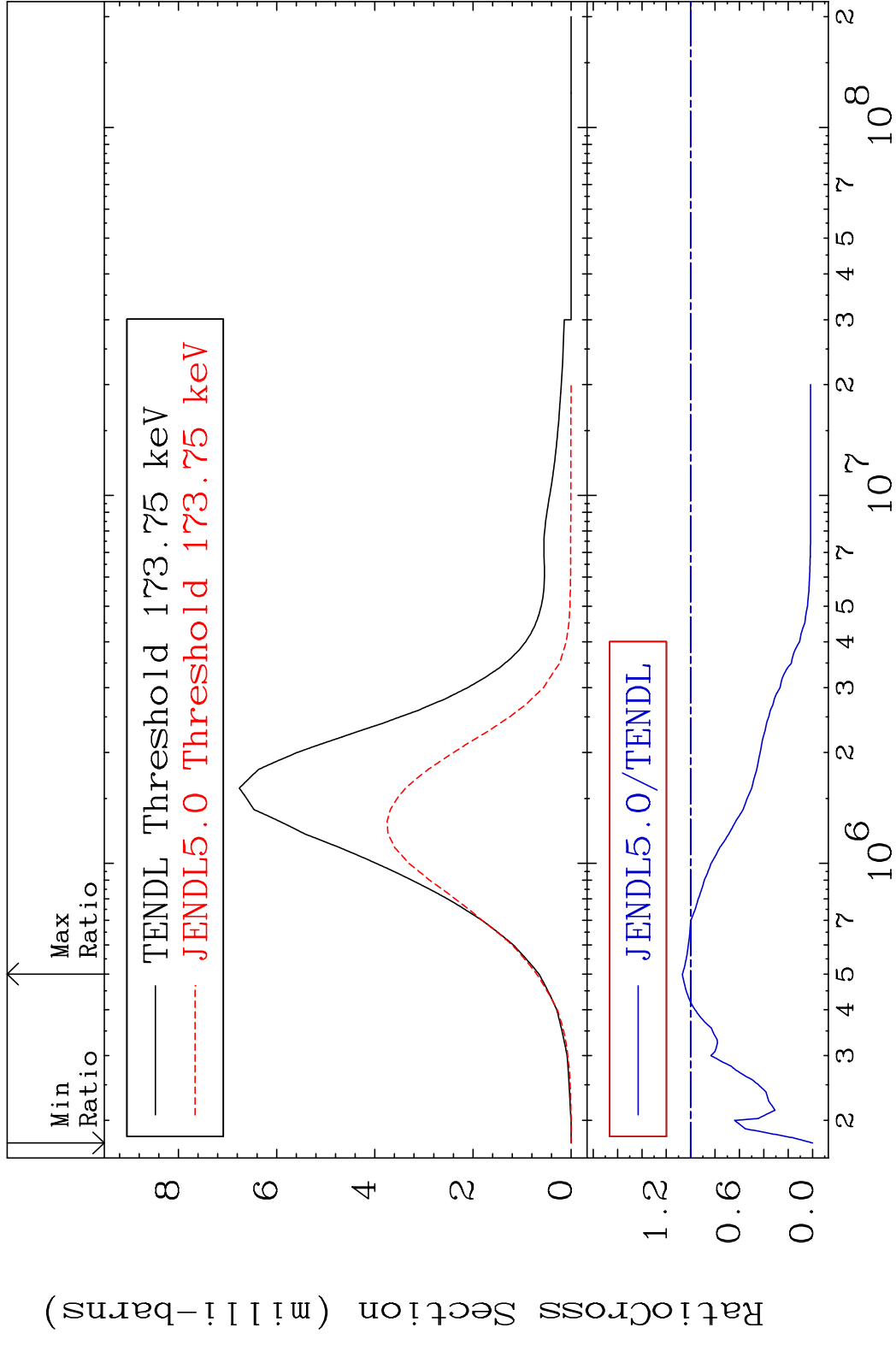
MAT 9137 MT= 59 (n, n') Level 91-Pa-233
 Cross Section -100.0 To 9005. %



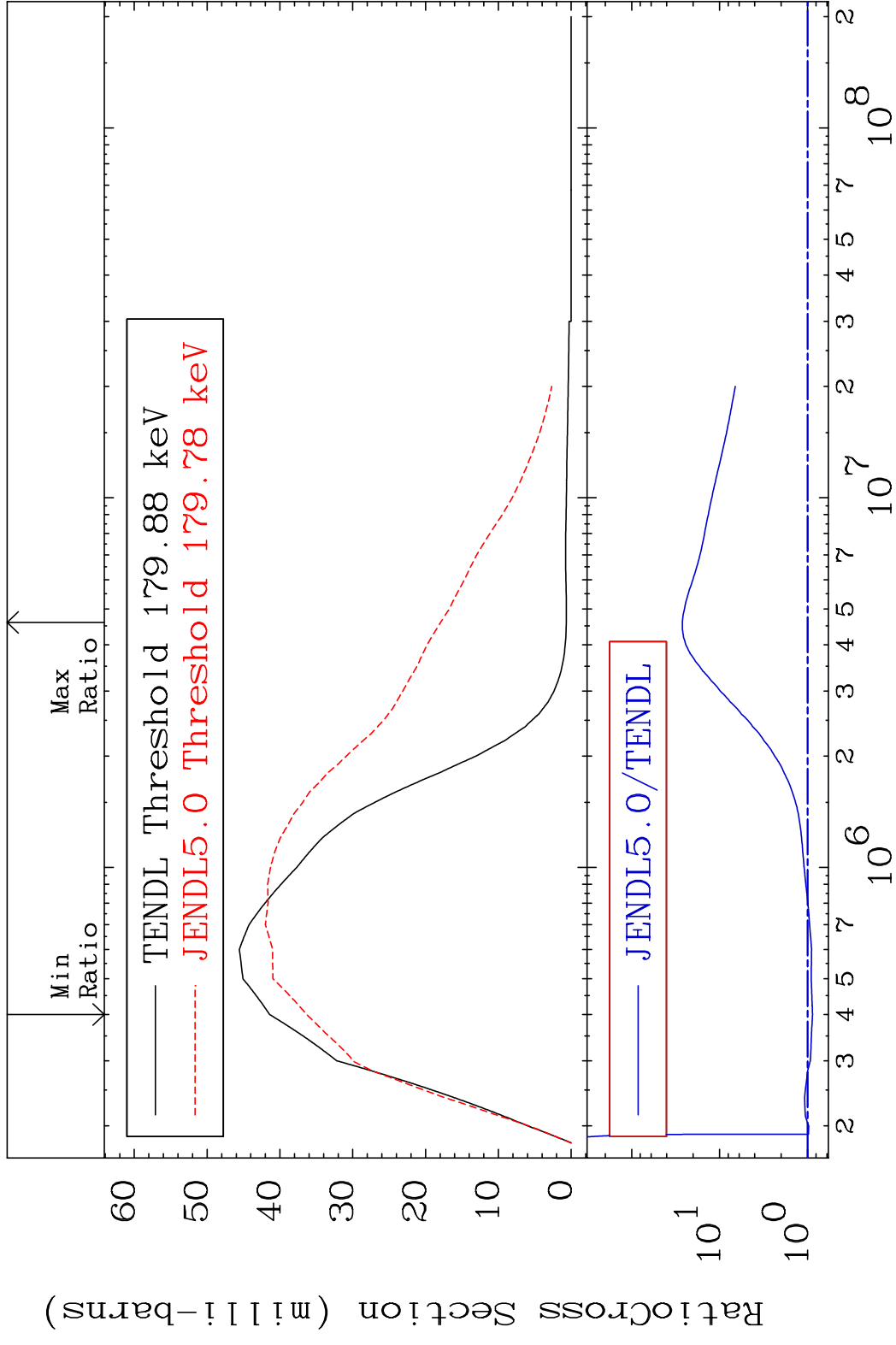
MAT 9137 MT= 60 (n, n') Level 91-Pa-233
 Cross Section -97.69 To 1912. %



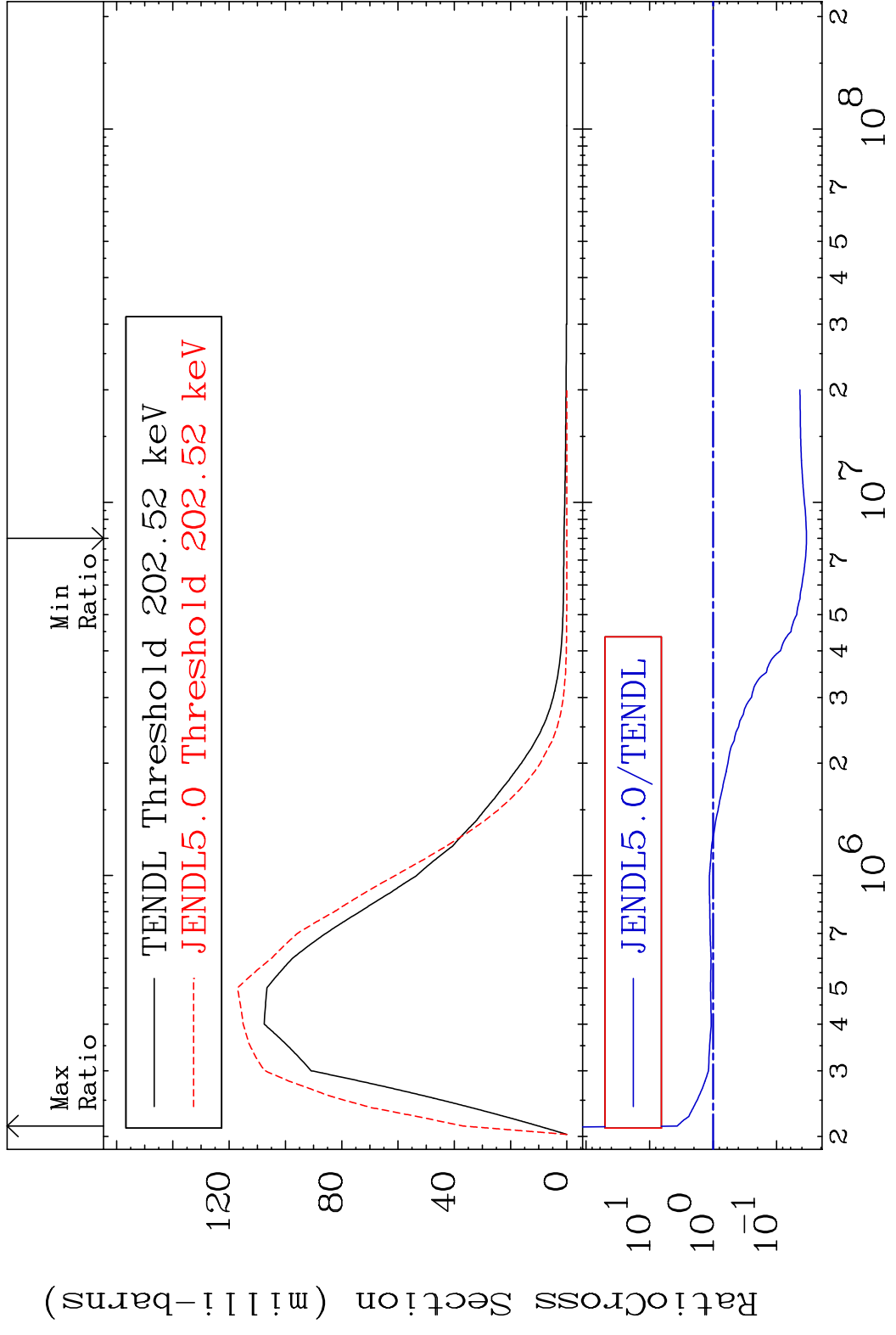
MAT 9137 MT= 61 (n,n') Level 91-Pa-233
 Cross Section -100.0 To 6.829 %



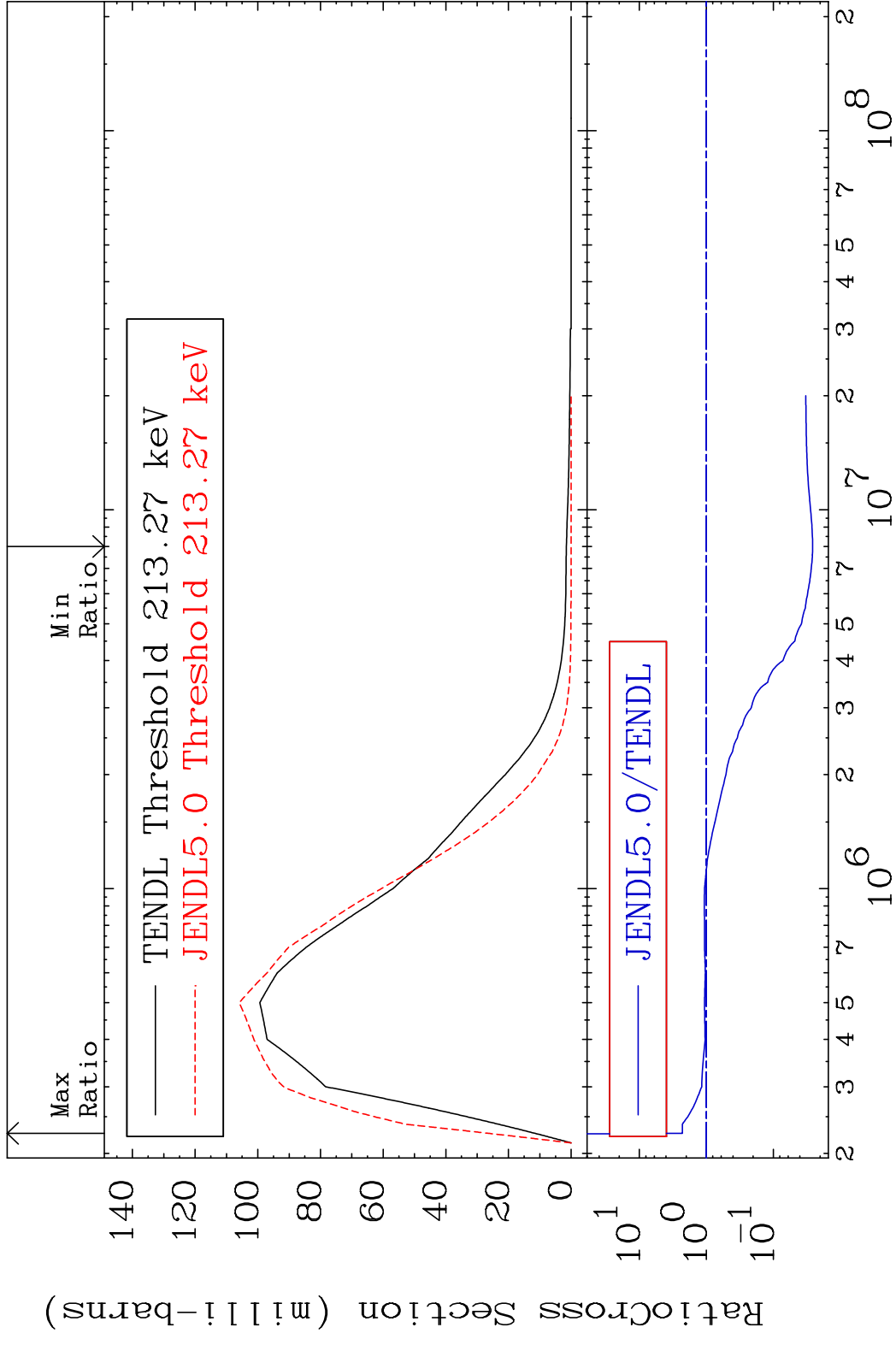
MAT 9137 MT= 62 (n, n') Level 91-Pa-233
 Cross Section -12.28 To 2554. %



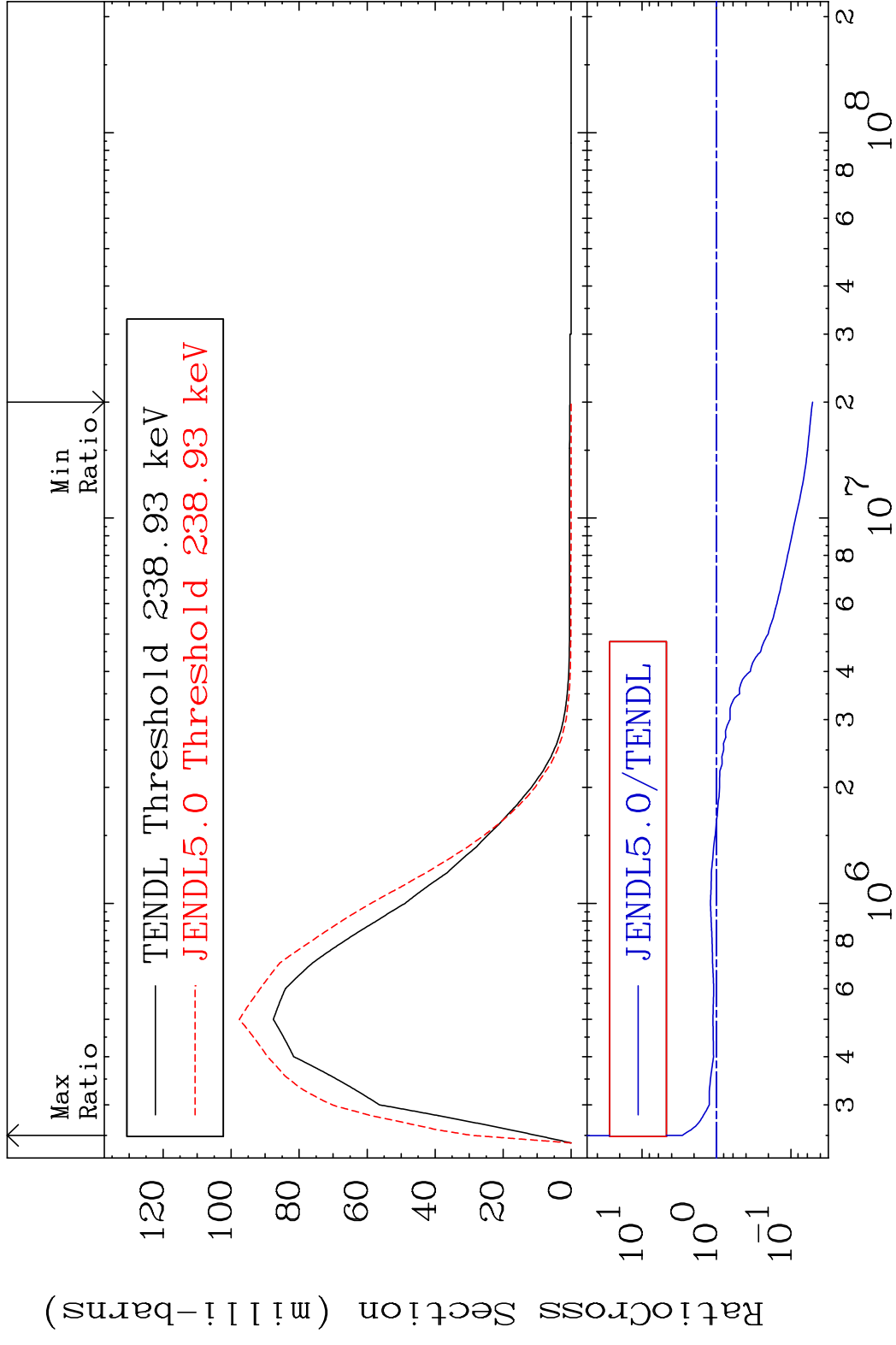
MAT 9137 MT= 63 (n,n') Level 91-Pa-233
 Cross Section -96.60 To 267.6 %



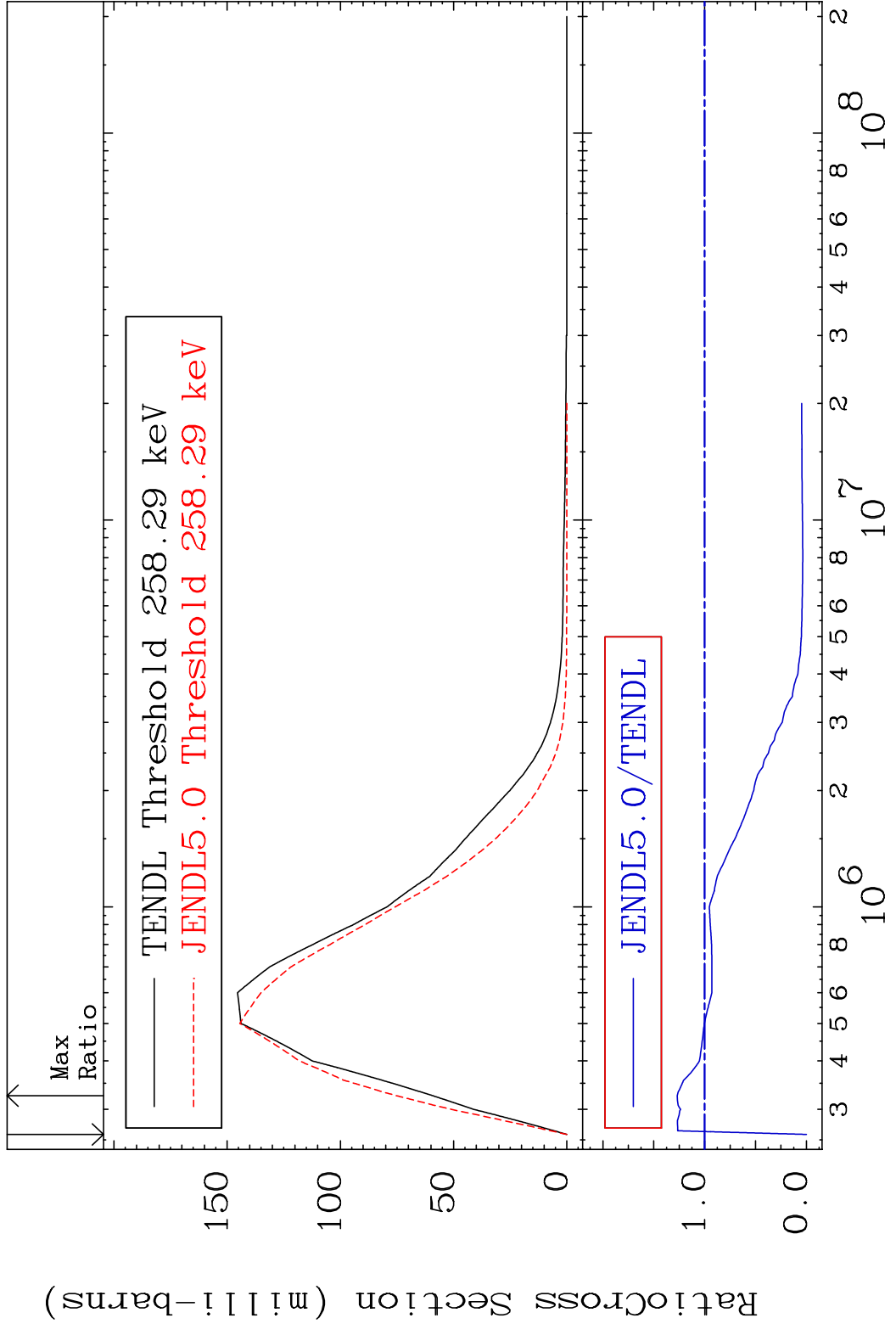
MAT 9137 MT= 64 (n,n') Level 91-Pa-233
 Cross Section -97.41 To 128.2 %



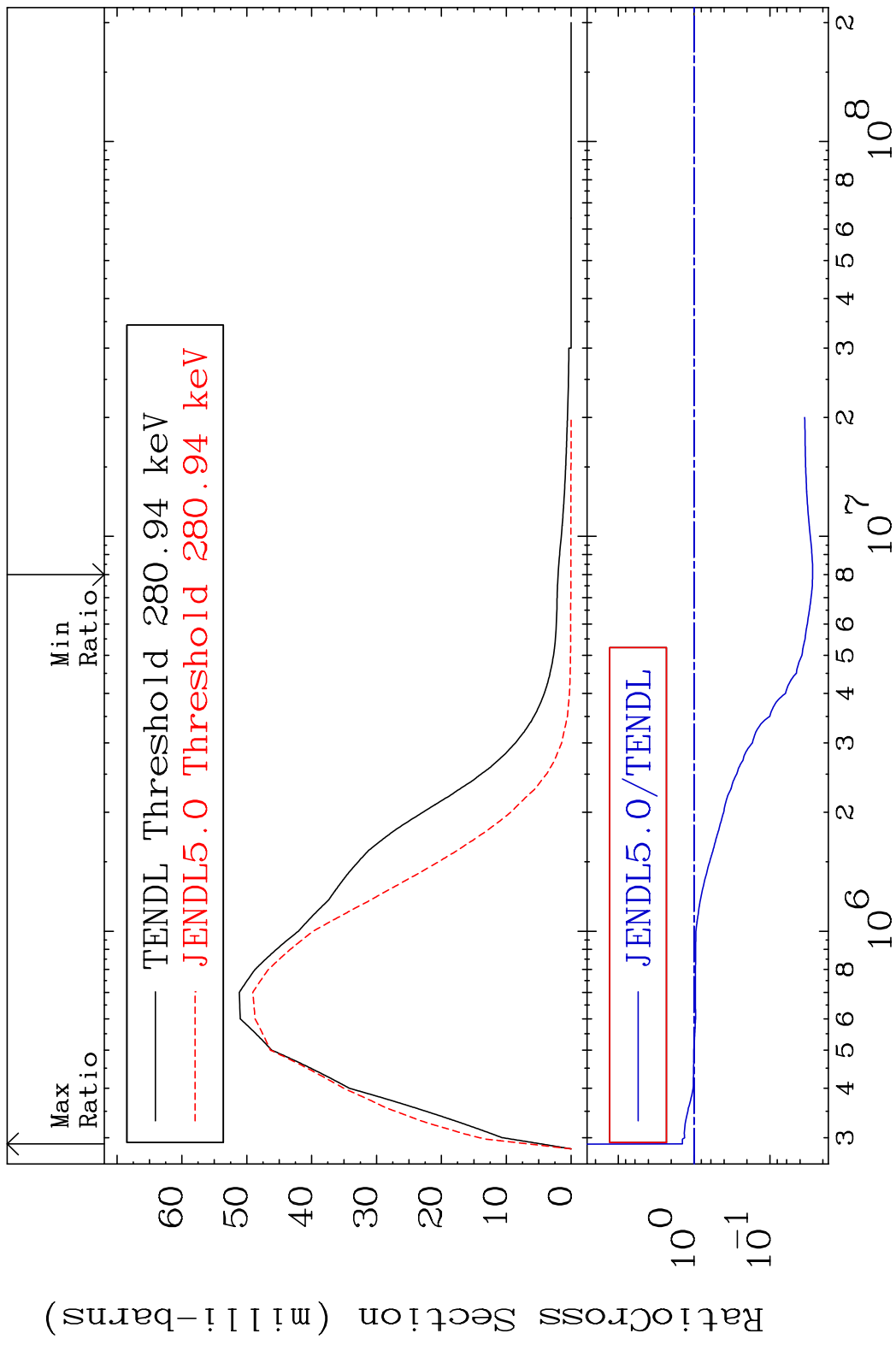
MAT 9137 MT= 65 (n,n') Level 91-Pa-233
 Cross Section -94.89 To 187.2 %



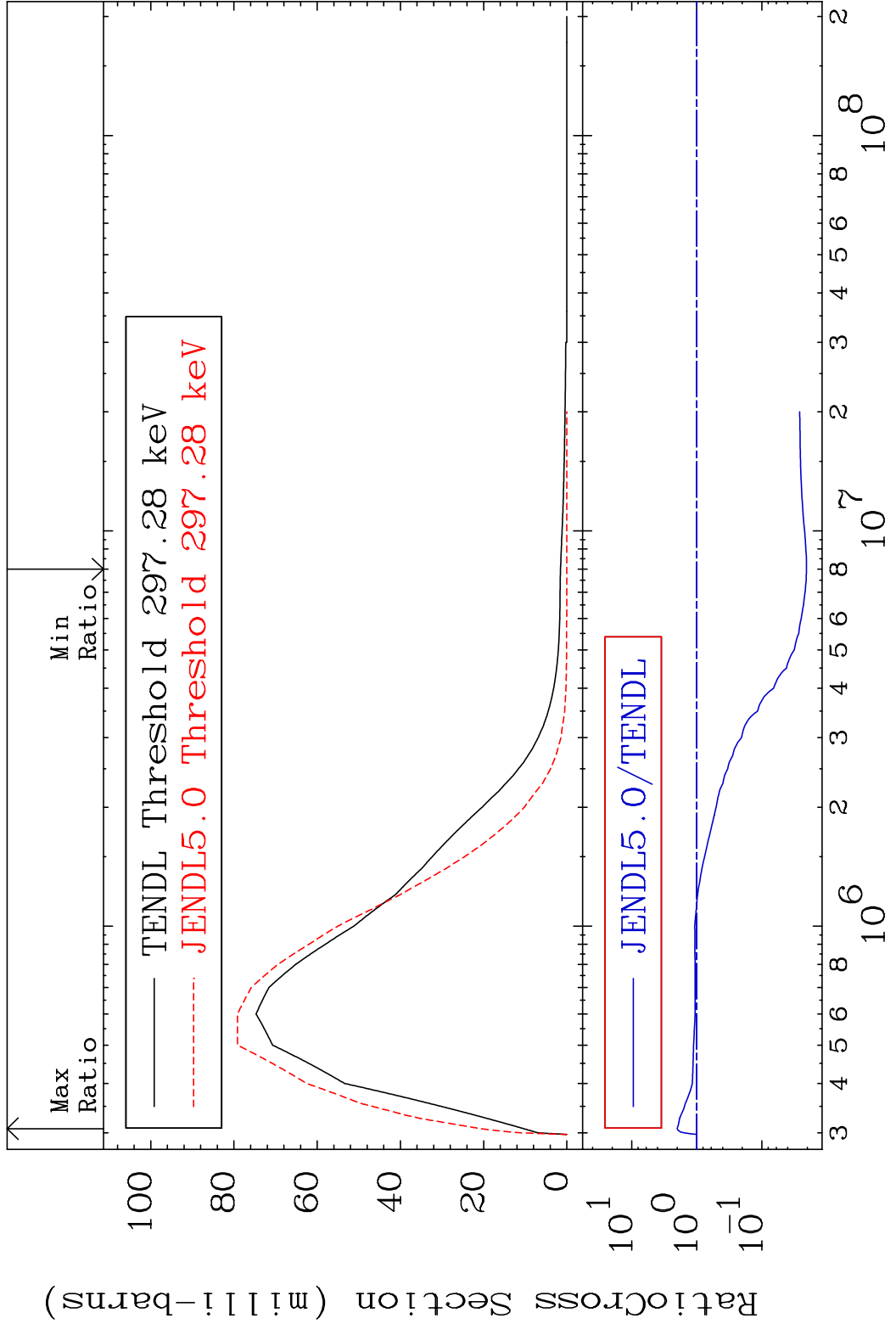
MAT 9137 MT= 66 (n,n') Level 91-Pa-233
 Cross Section -100.0 To 27.00 %



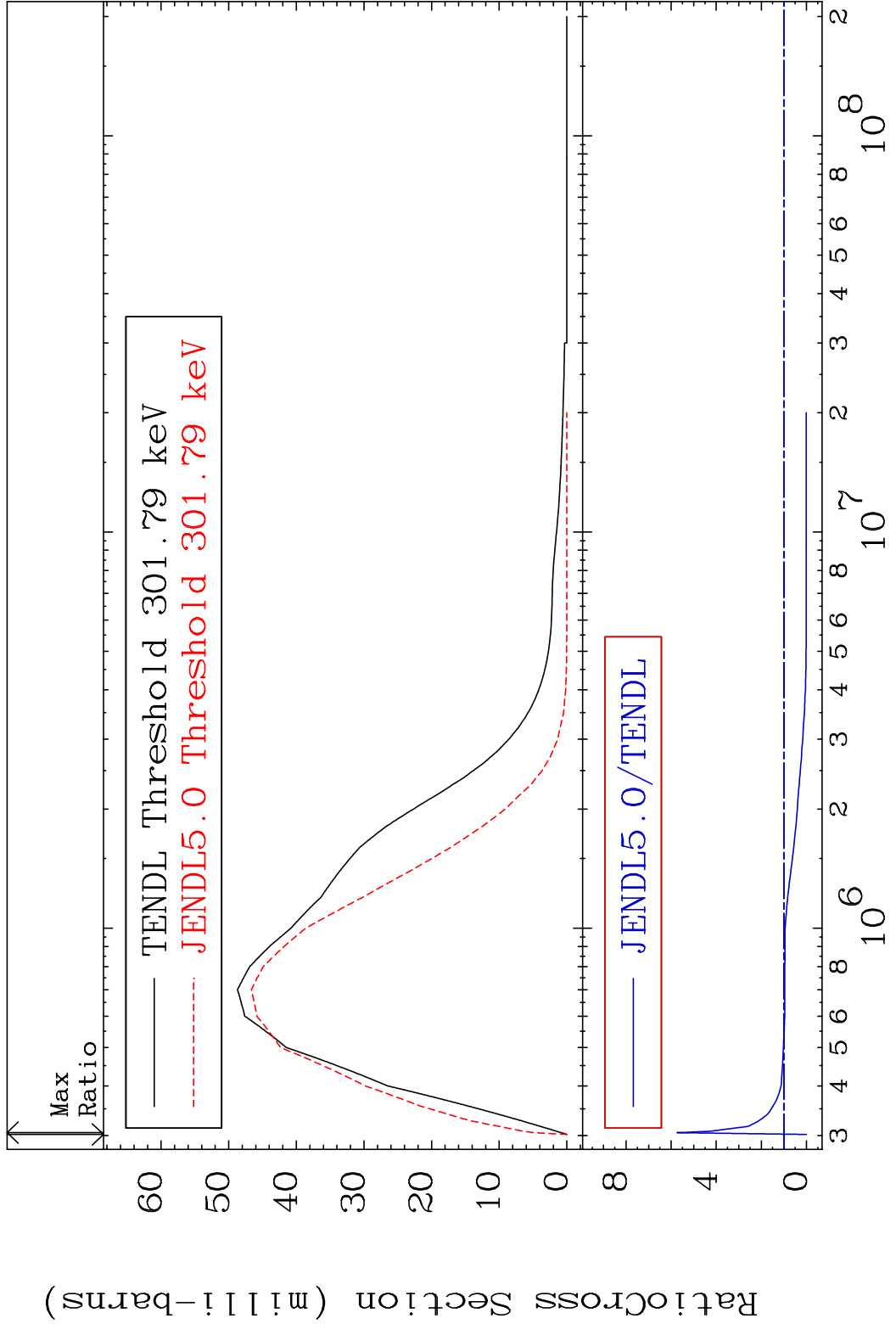
MAT 9137 MT= 67 (n,n') Level 91-Pa-233
 Cross Section -97.27 To 42.64 %



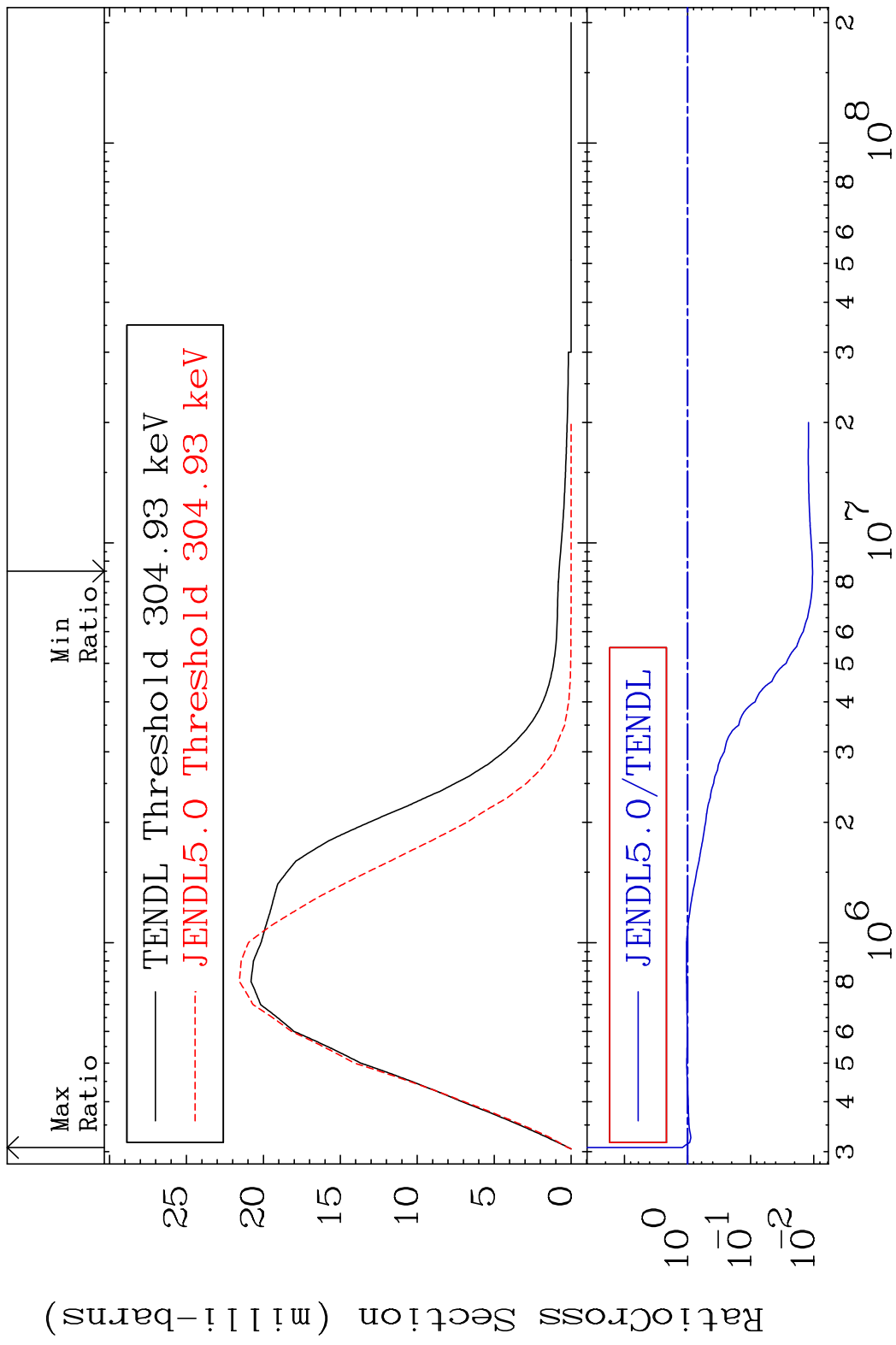
MAT 9137 MT= 68 (n,n') Level 91-Pa-233
 Cross Section -97.94 To 100.2 %



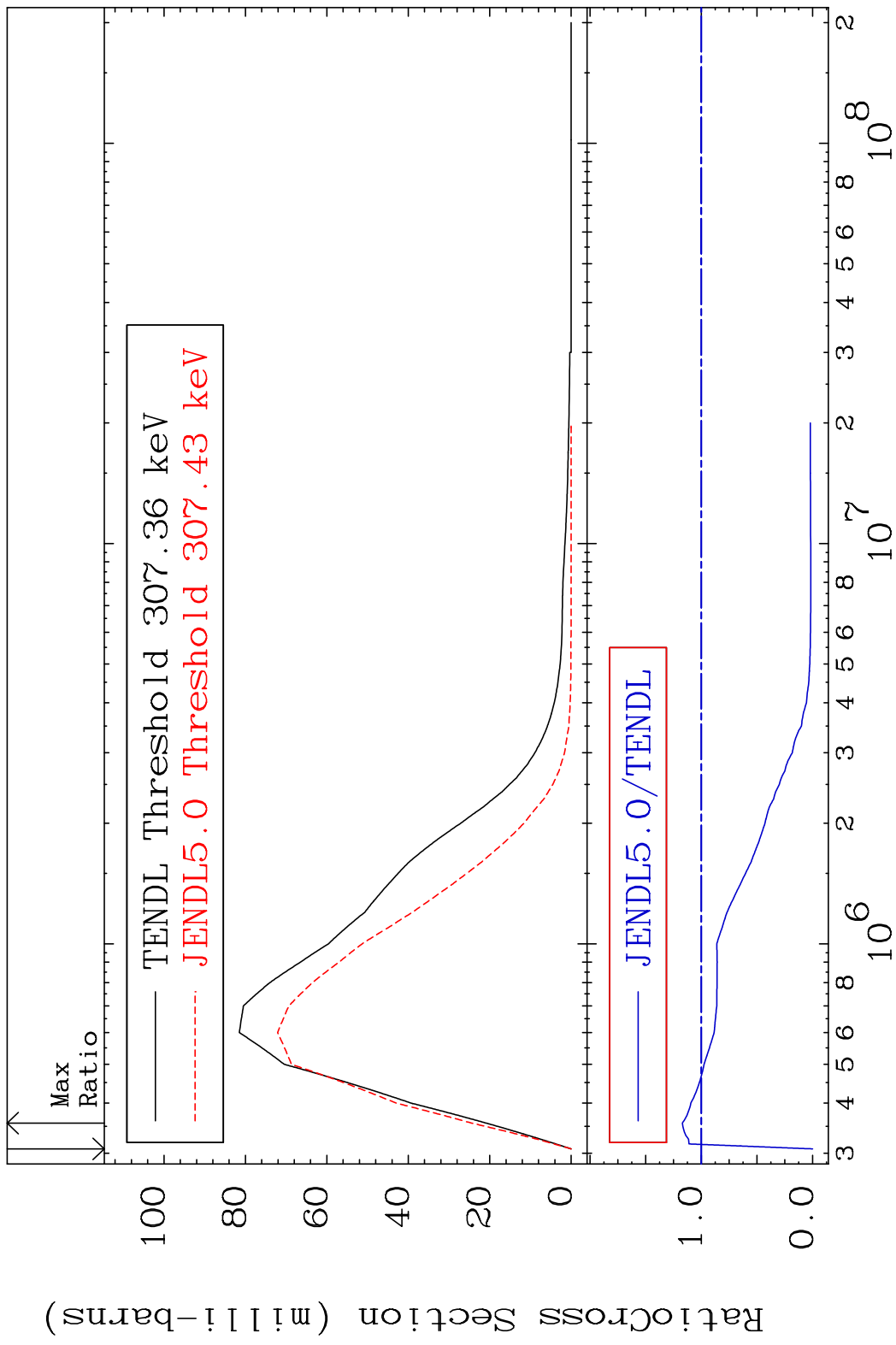
MAT 9137 MT= 69 (n,n') Level 91-Pa-233
 Cross Section -100.0 To 473.2 %



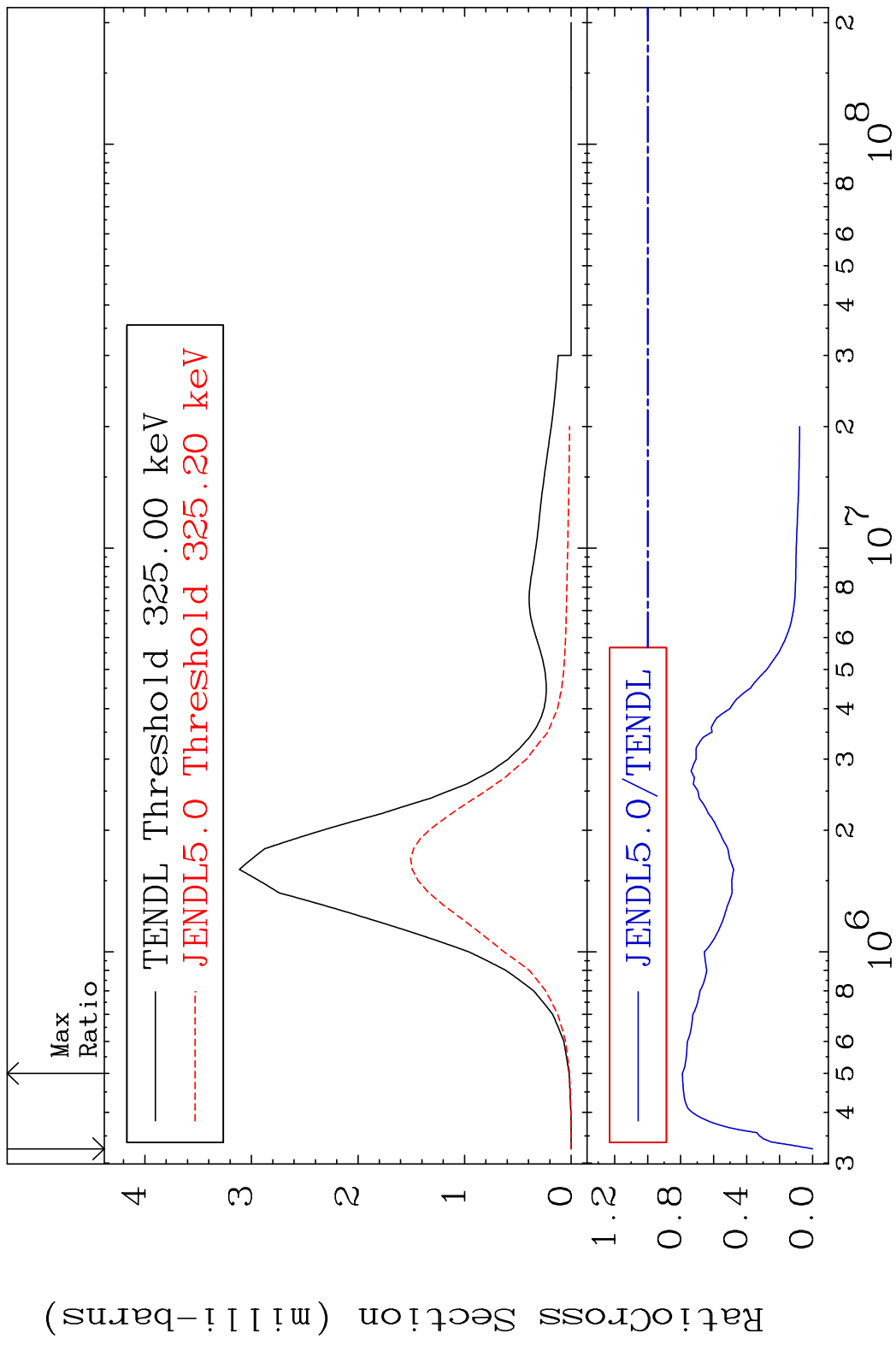
MAT 9137 MT= 70 (n, n') Level 91-Pa-233
 Cross Section -98.96 To 20.90 %



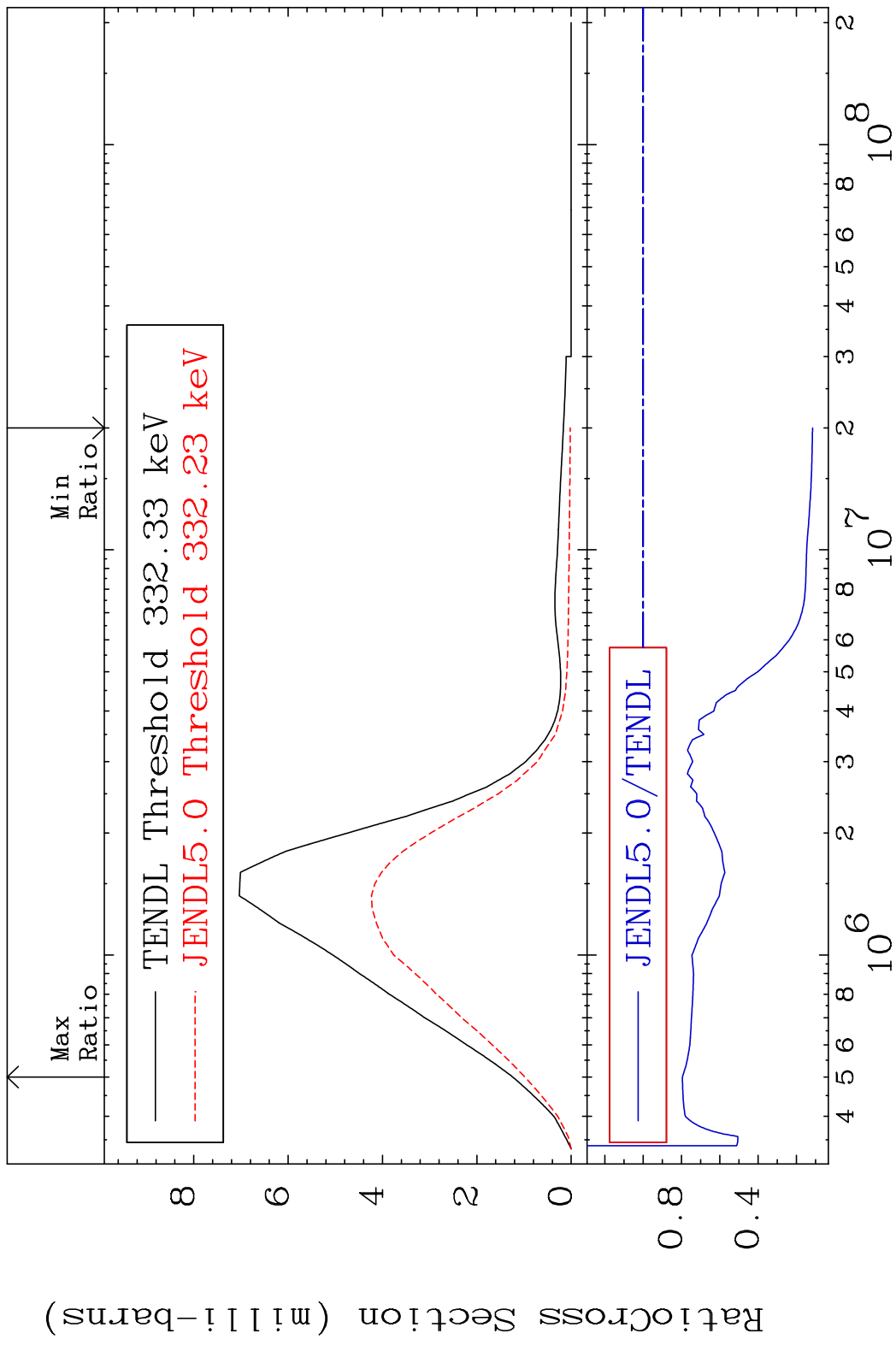
MAT 9137 MT= 71 (n,n') Level 91-Pa-233
 Cross Section -100.0 To 17.04 %



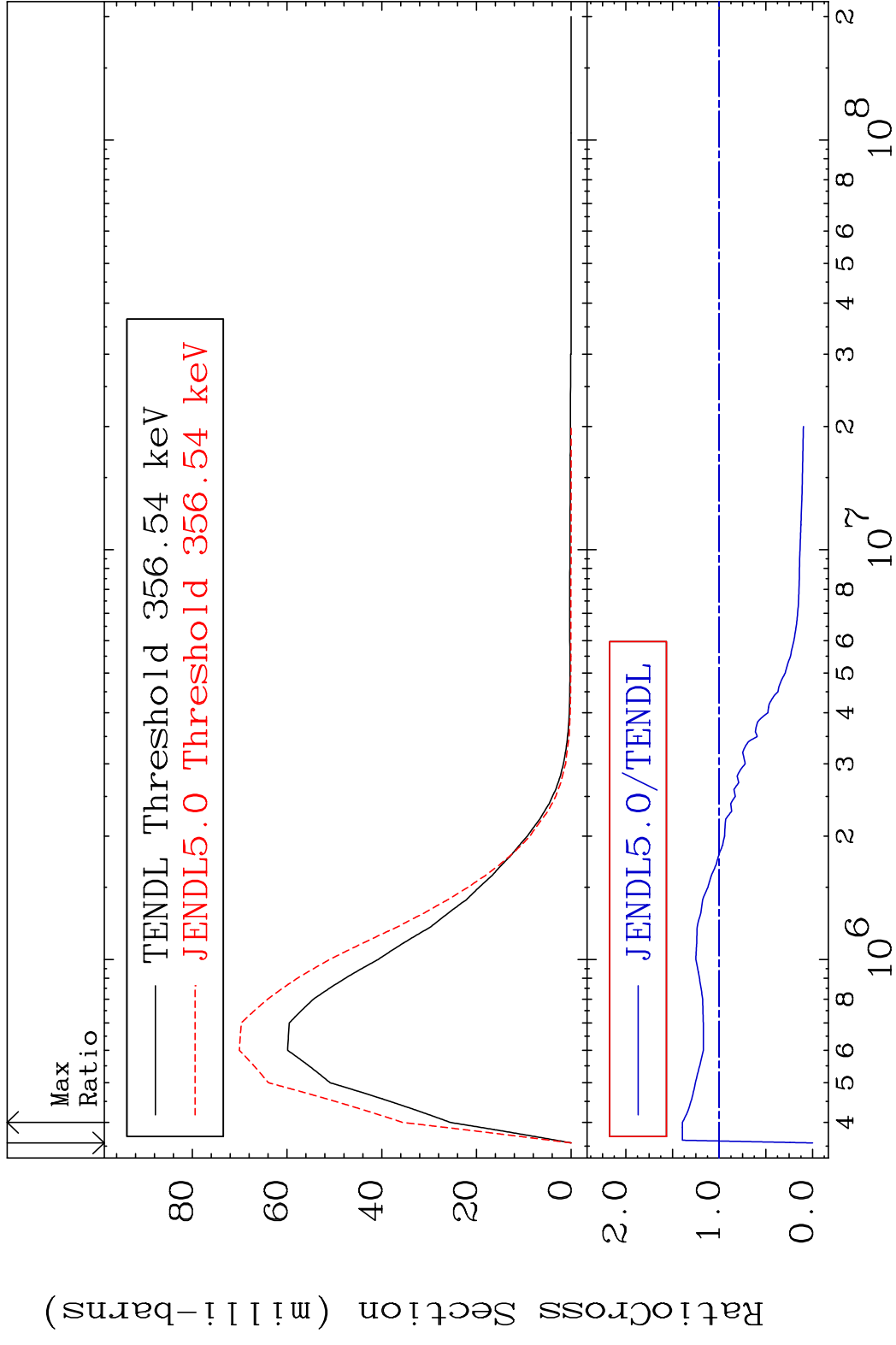
MAT 9137 MT= 72 (n, n') Level 91-Pa-233
 Cross Section -100.0 To -21.03%



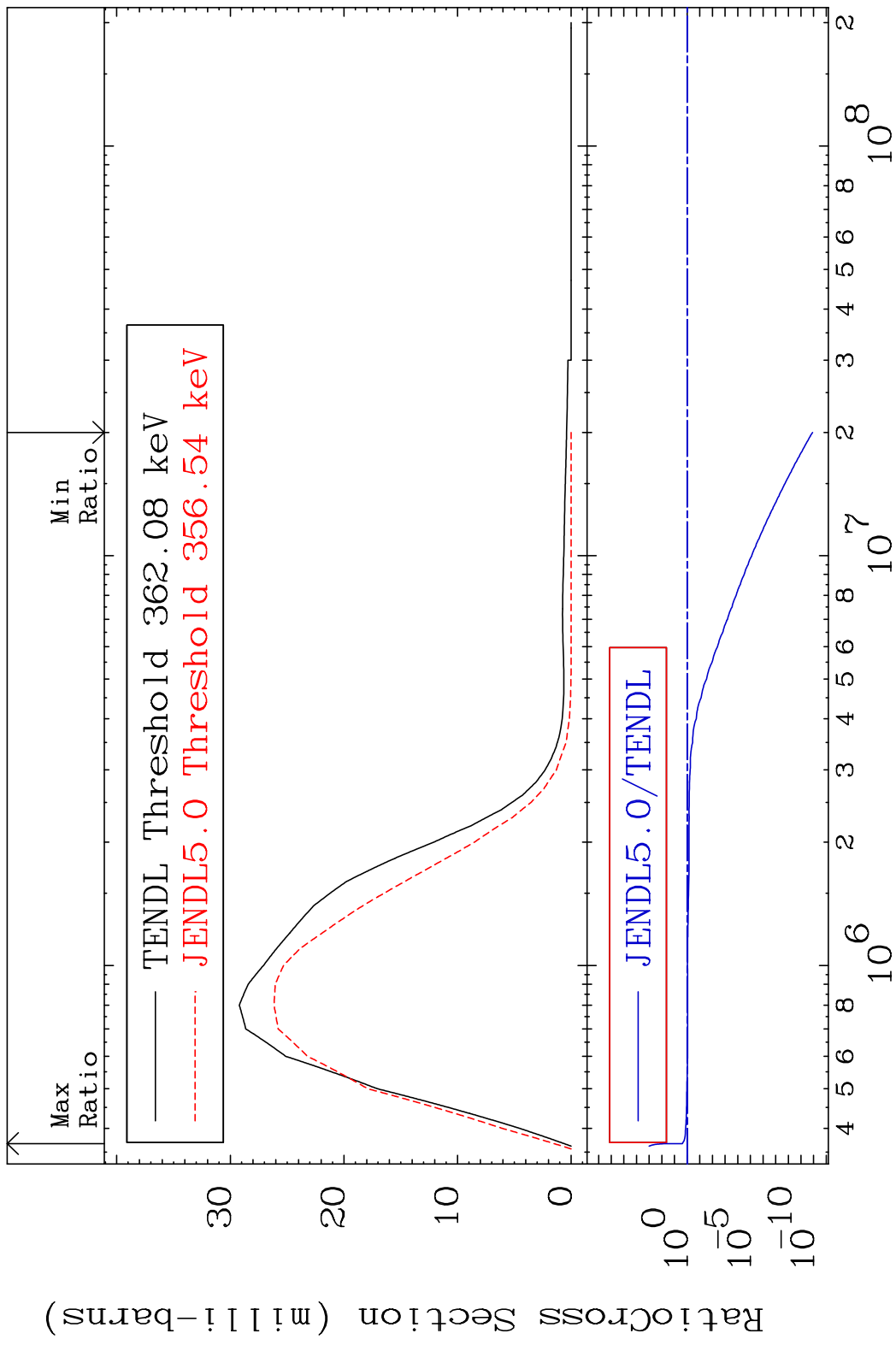
MAT 9137 MT= 73 (n, n') Level 91-Pa-233
 Cross Section -88.47 To -20.49%



MAT 9137 MT= 74 (n,n') Level 91-Pa-233
 Cross Section -100.0 To 39.45 %



MAT 9137 MT= 75 (n,n') Level 91-Pa-233
 Cross Section -100.0 To 138.7 %

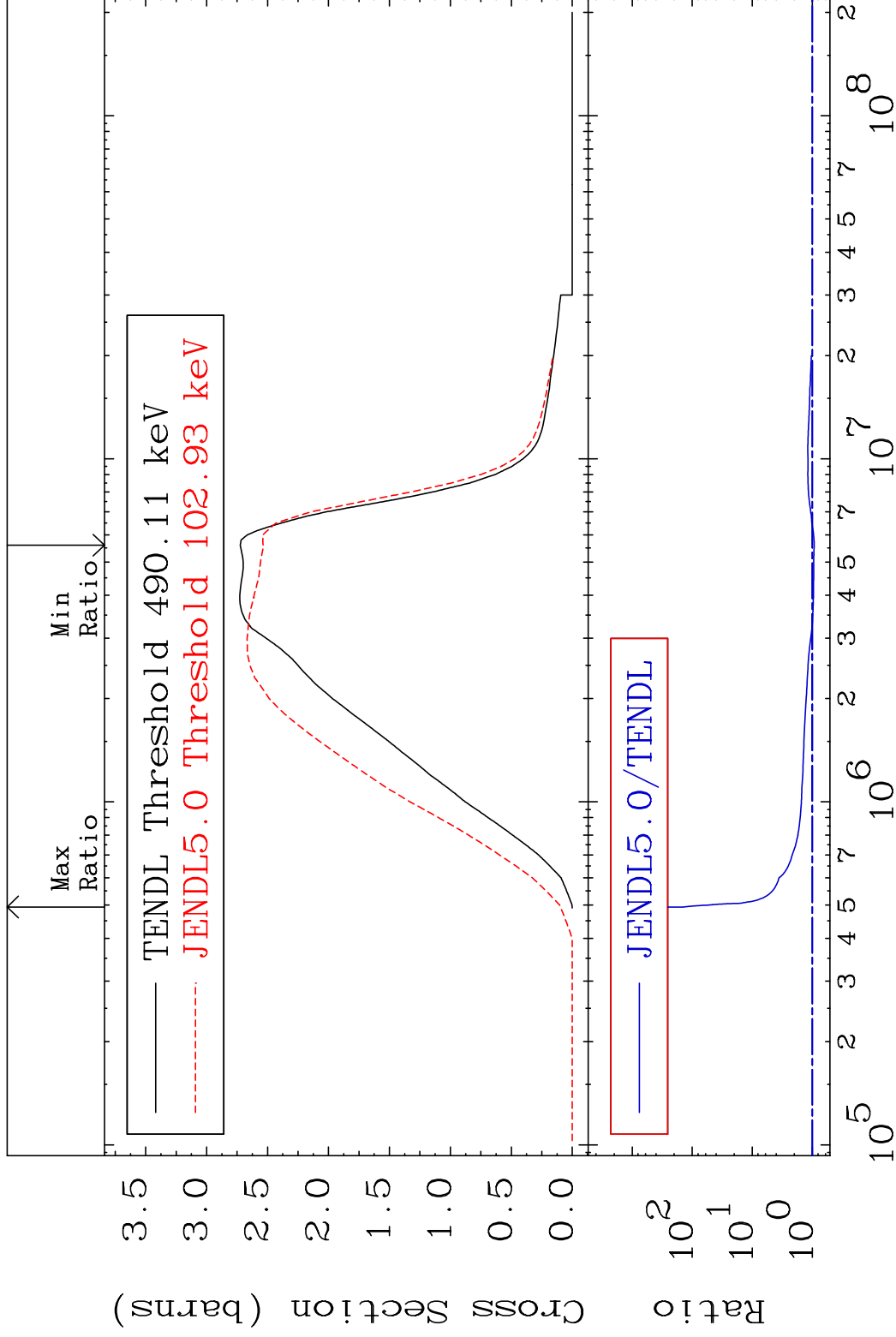


MAT 9137

(n,n') Continuum

91-Pa-233

Cross Section -6.853 To 9999. %



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Incident Energy (eV)

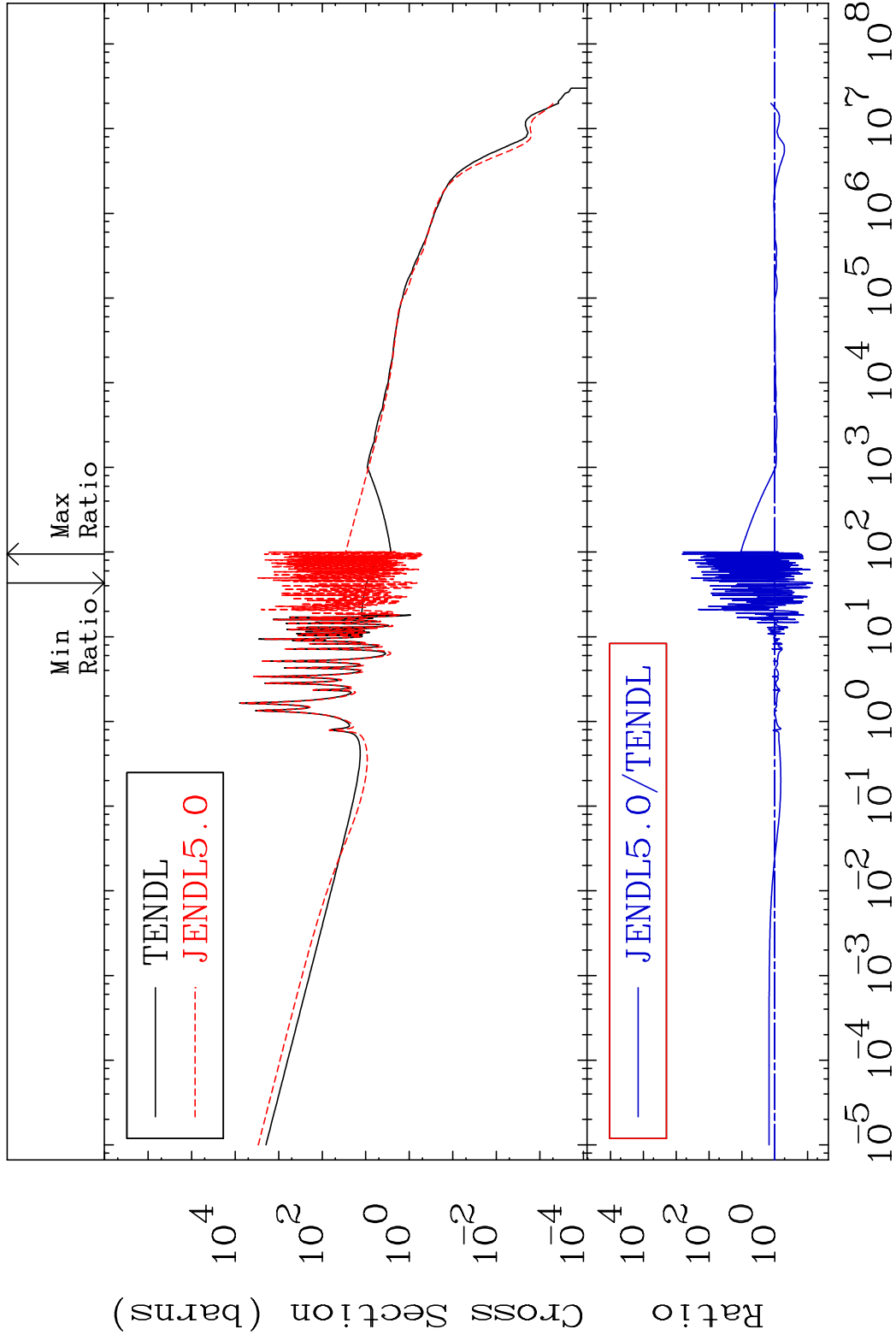
91-Pa-233

MAT 9137

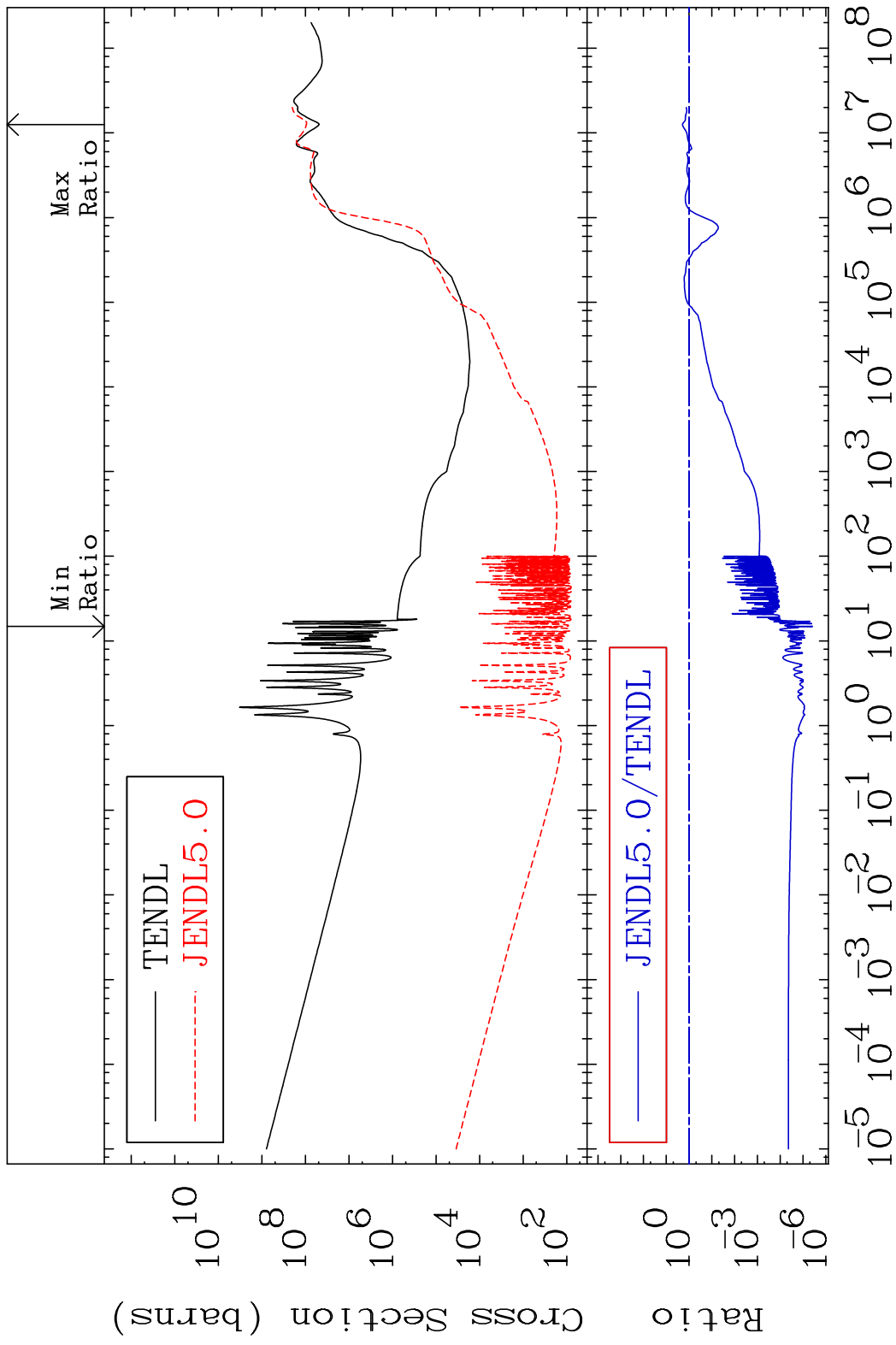
(n, γ)

91-Pa-233

Cross Section -92.93 To 9999. %



MAT 9137 Kerma total (eV-barns) 91-Pa-233
Cross Section -100.0 To 97.72 %

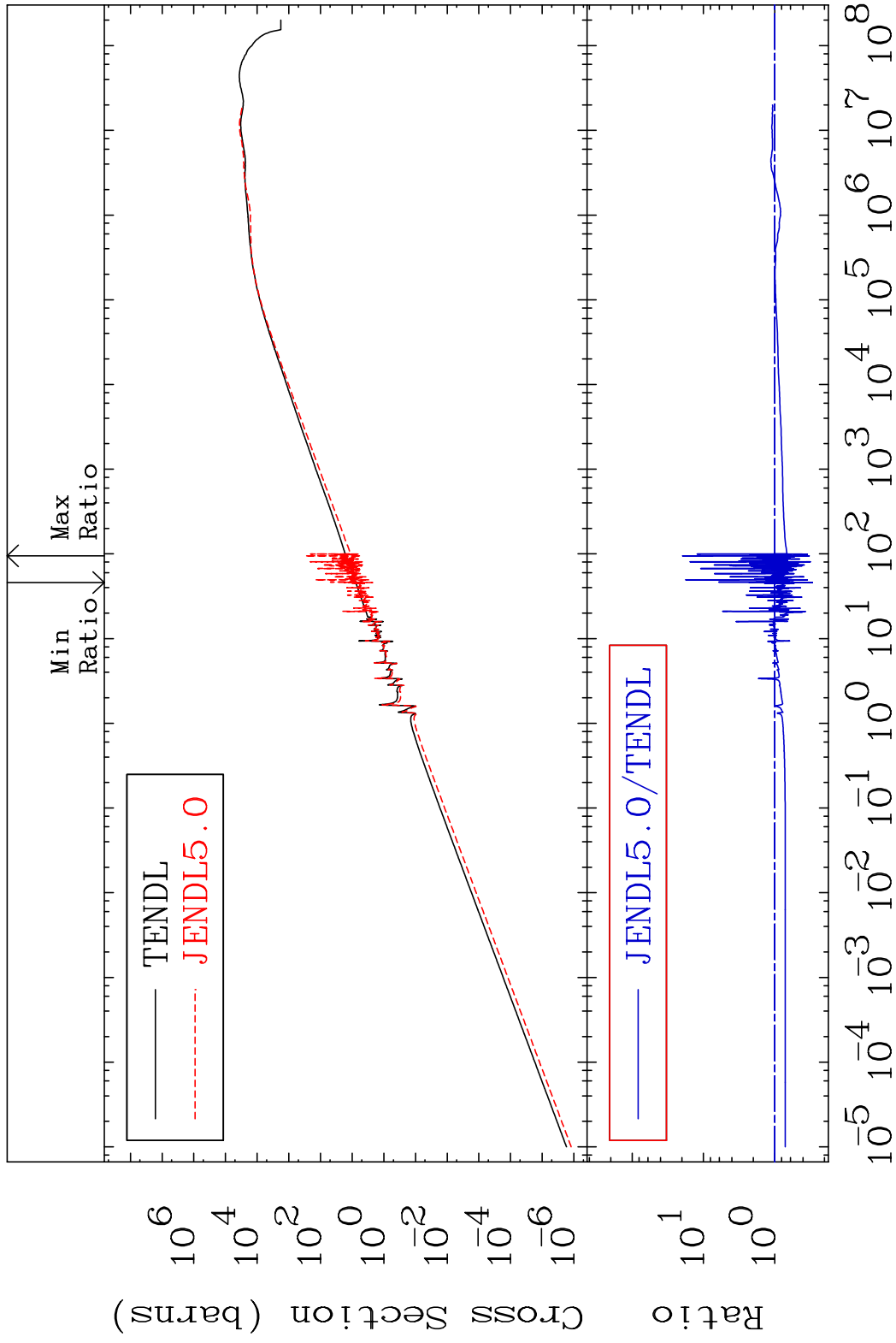


MAT 9137

Kerma elastic

91-Pa-233

Cross Section -70.55 To 1878. %

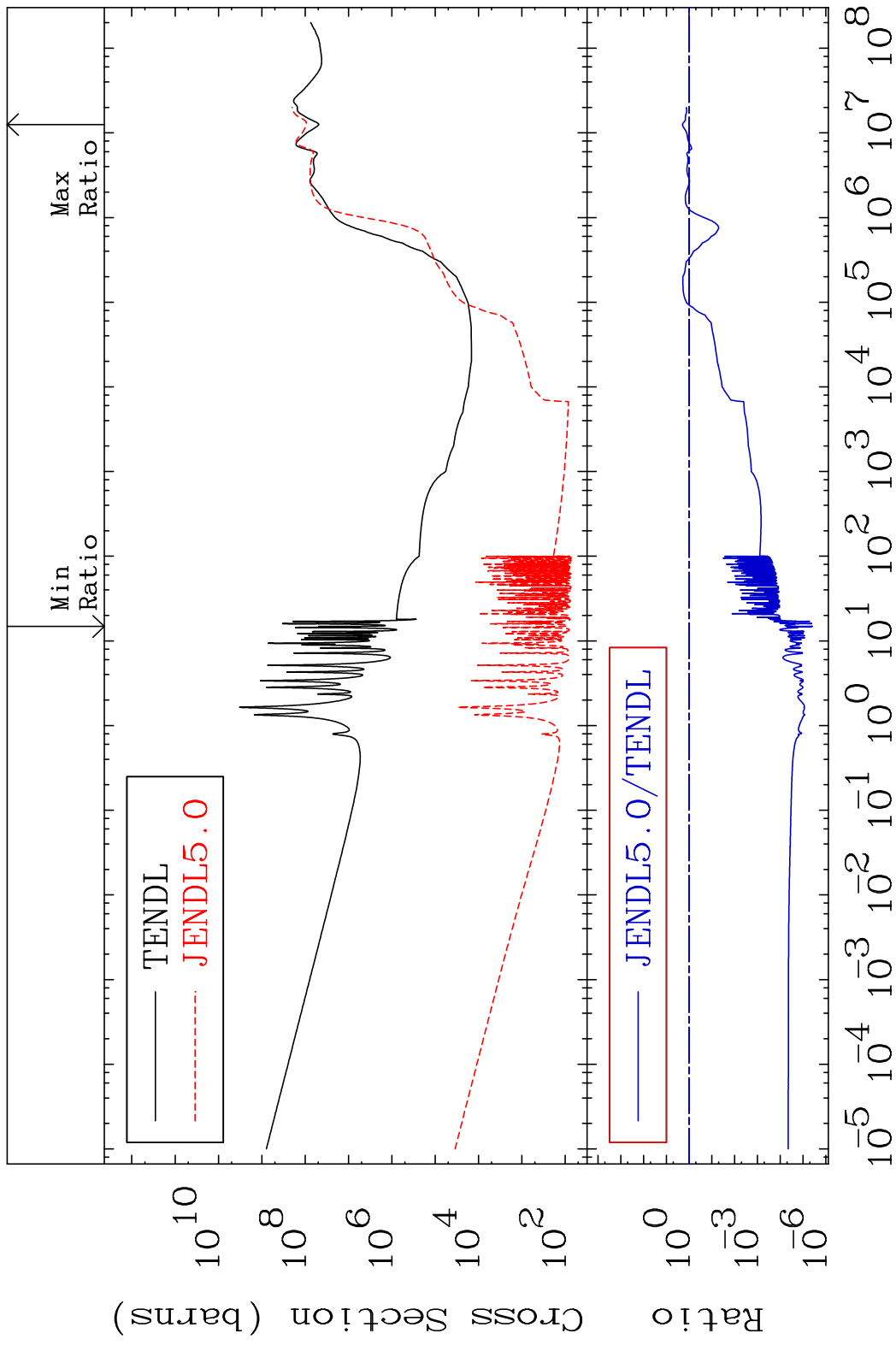


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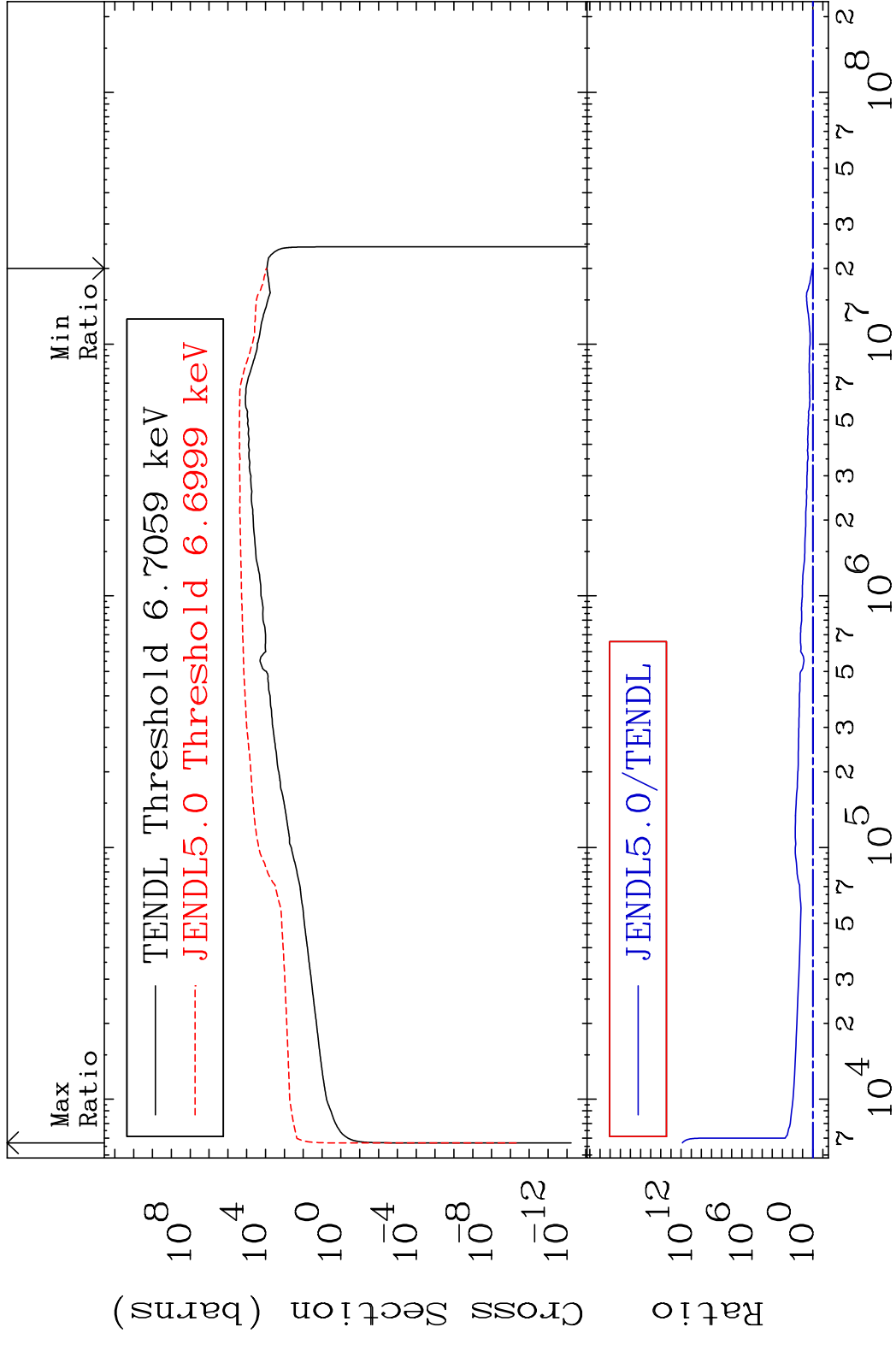
Incident Energy (eV)

91-Pa-233

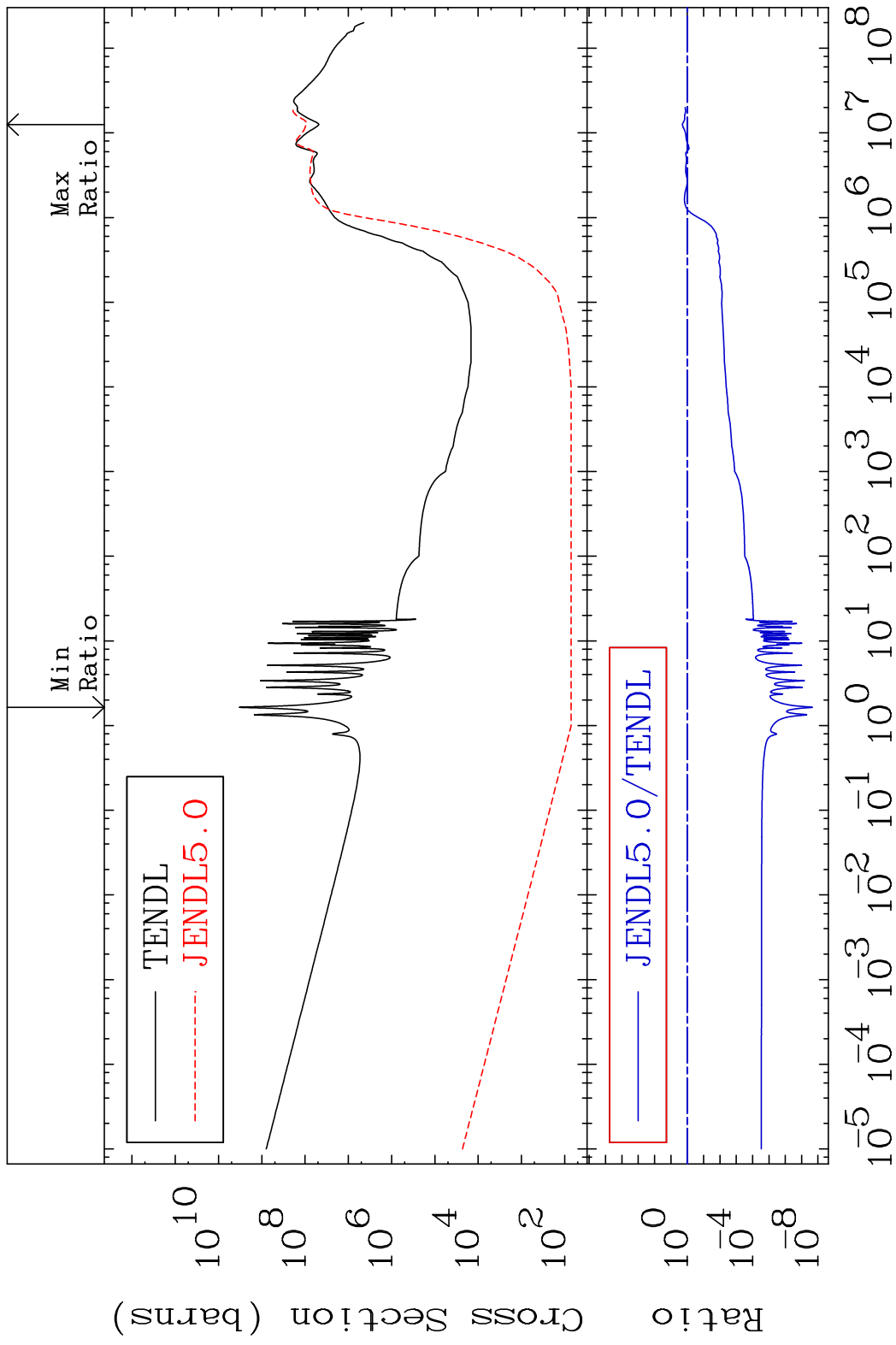
MAT 9137 Kerma non-elastic (all but mt2) 91-Pa-233
 Cross Section -100.0 To 97.78 %



MAT 9137 Kerma inelastic (mt51-91) 91-Pa-233
 Cross Section 5.901 To 9999. %

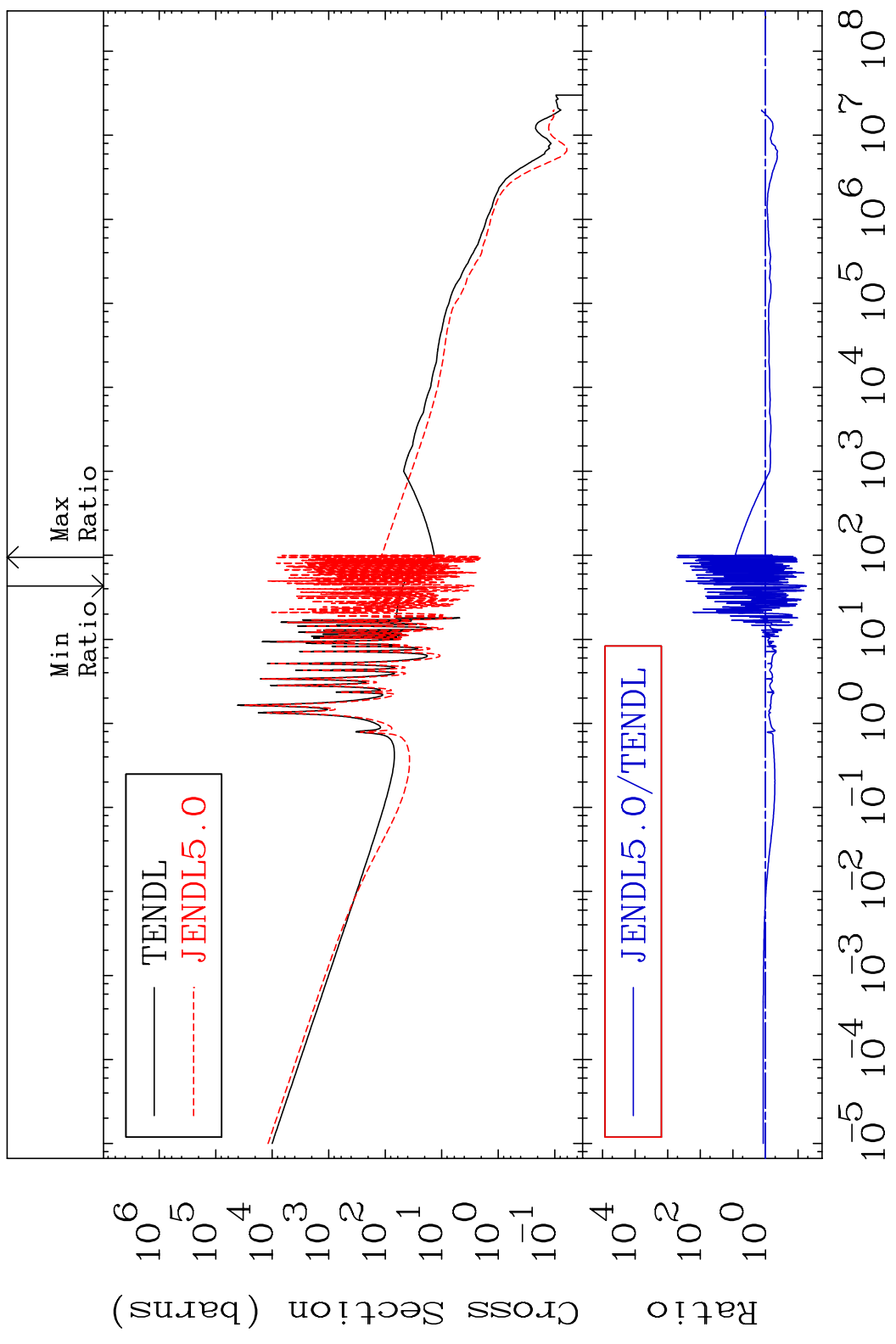


MAT 9137 Kerma fission (mt18 or mt19-20-21-38) 91-Pa-233
 Cross Section -100.0 To 98.65 %



MAT 9137

Kerma capture (mt102) 91-Pa-233
Cross Section -94.48 To 9999. %

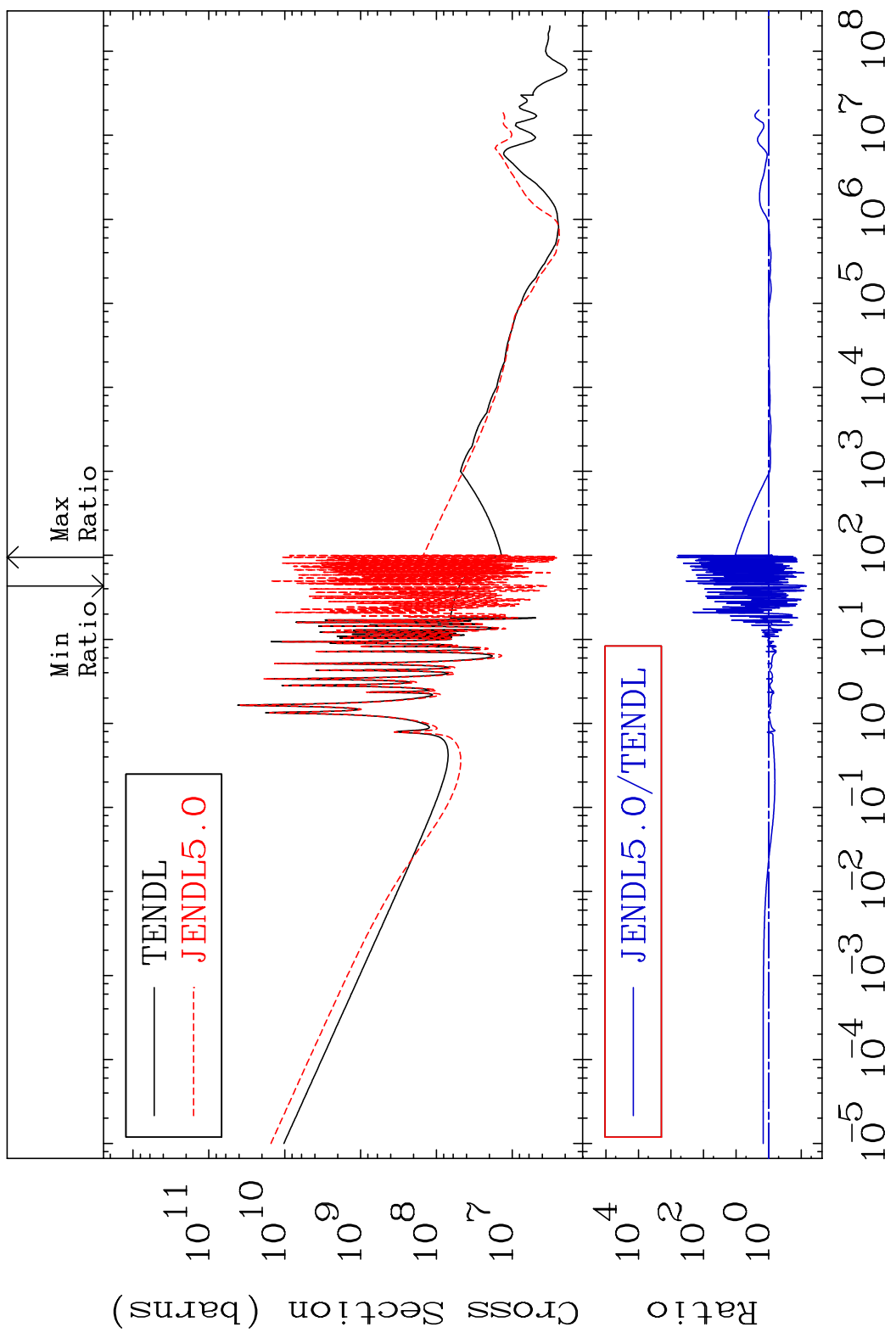


40

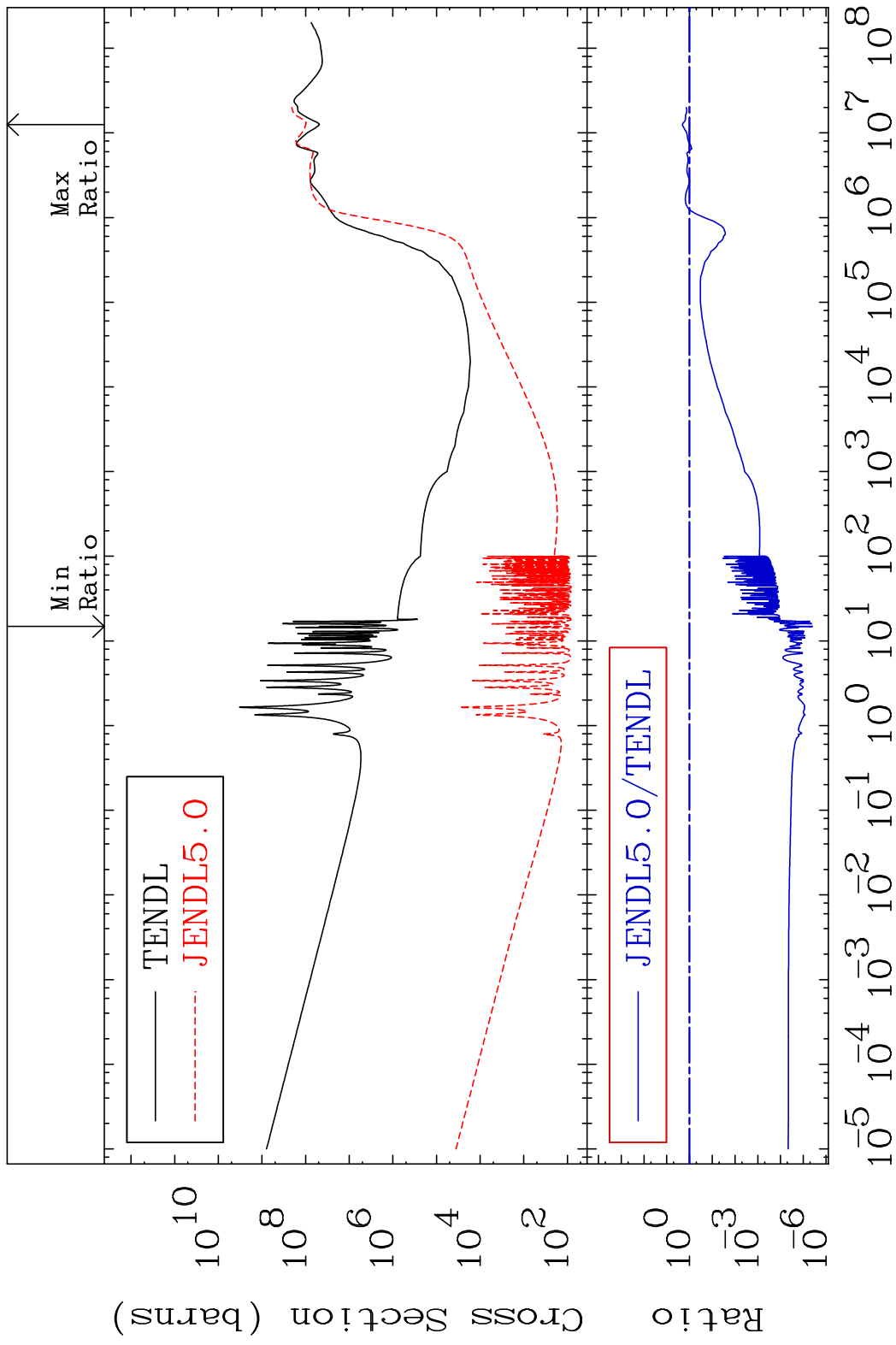
Incident Energy (eV) 91-Pa-233

MAT 9137

Total photon (eV-barns) 91-Pa-233
Cross Section -93.03 To 9999. %



MAT 9137 Total kinematic kerma (high limit) 91-Pa-233
 Cross Section -100.0 To 106.2 %

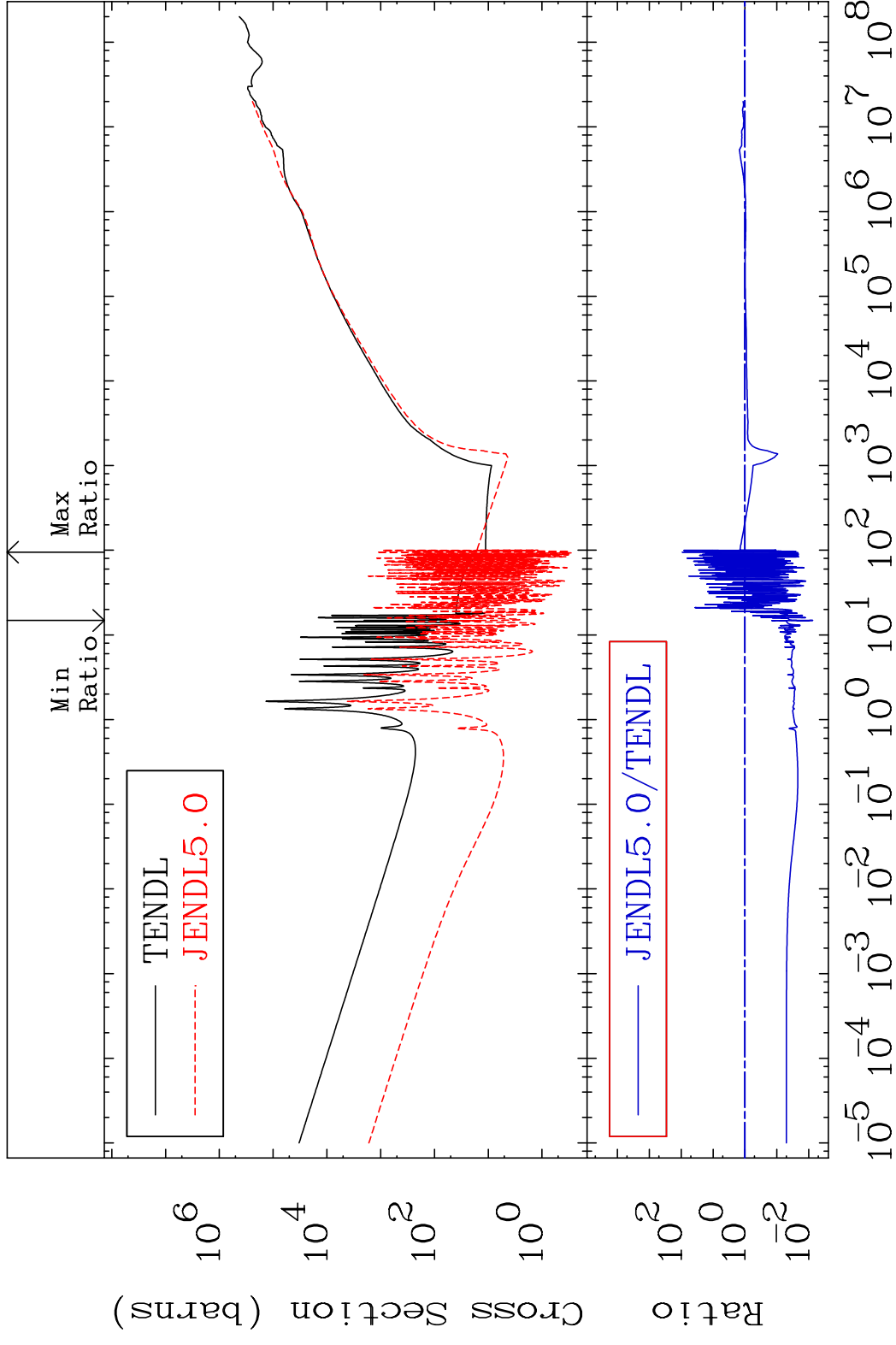


MAT 9137

Dpa total (eV-barns)

91-Pa-233

Cross Section -99.24 To 9101. %

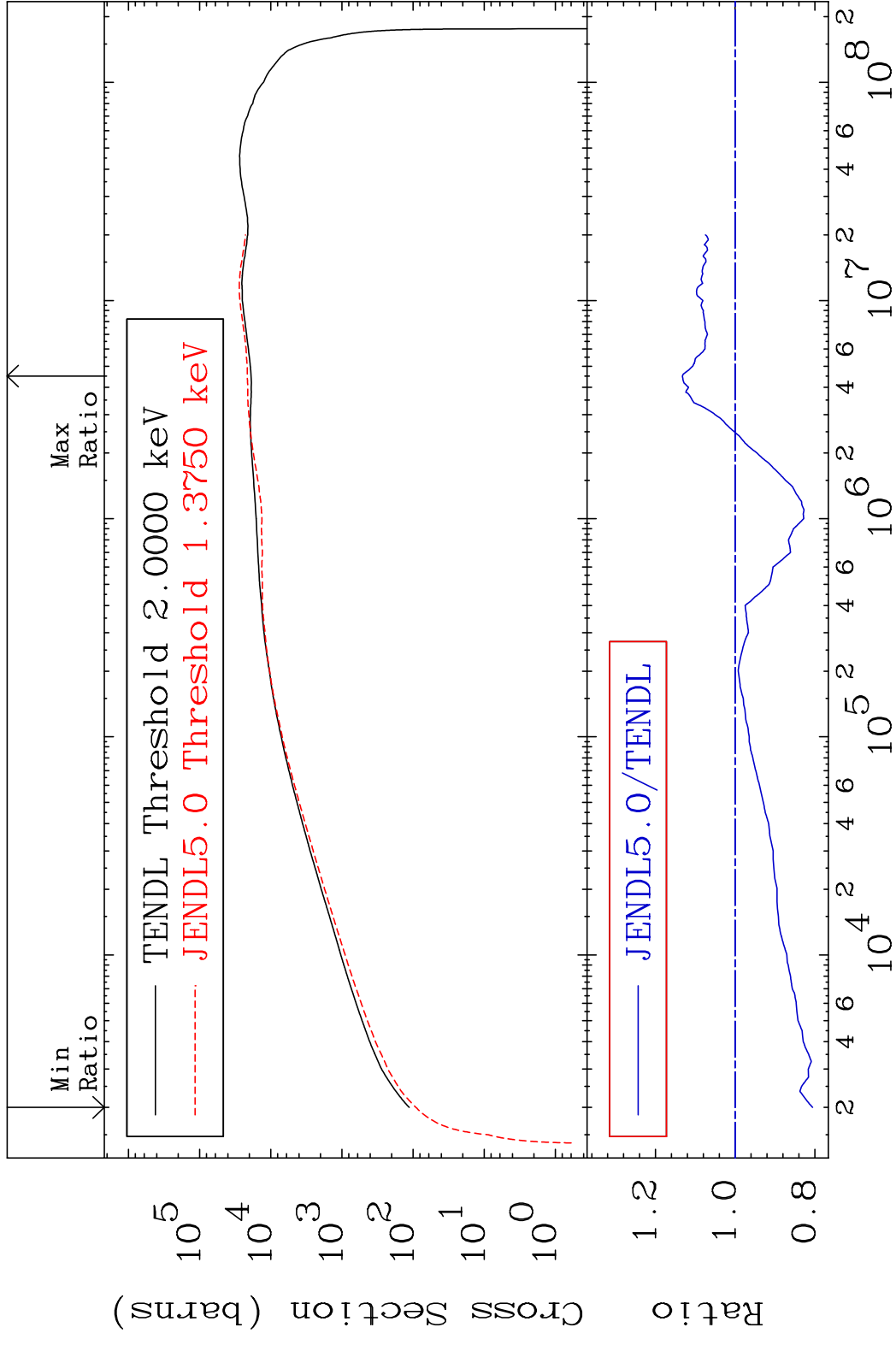


MAT 9137

Dpa elastic (mt2)

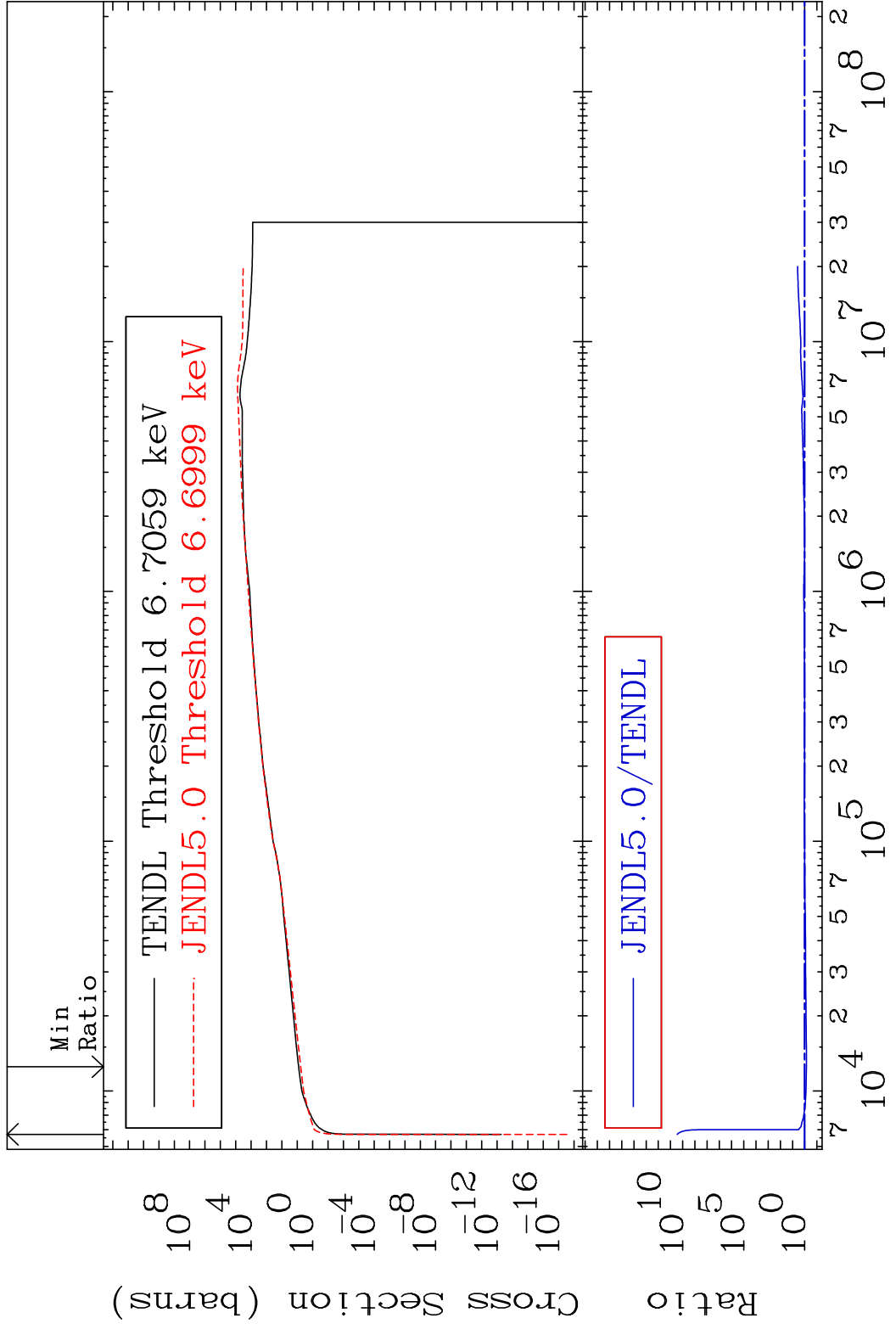
91-Pa-233

Cross Section -19.43 To 13.26 %



MAT 9137

Dpa inelastic (mt51-91) 91-Pa-233
Cross Section -26.98 To 9999. %



MAT 9137 Dpa disappearance (mt102 -120) 91-Pa-233
 Cross Section -100.0 To 9999. %

