

Program Complot
(Version 2018-1)

by

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U.S.A.

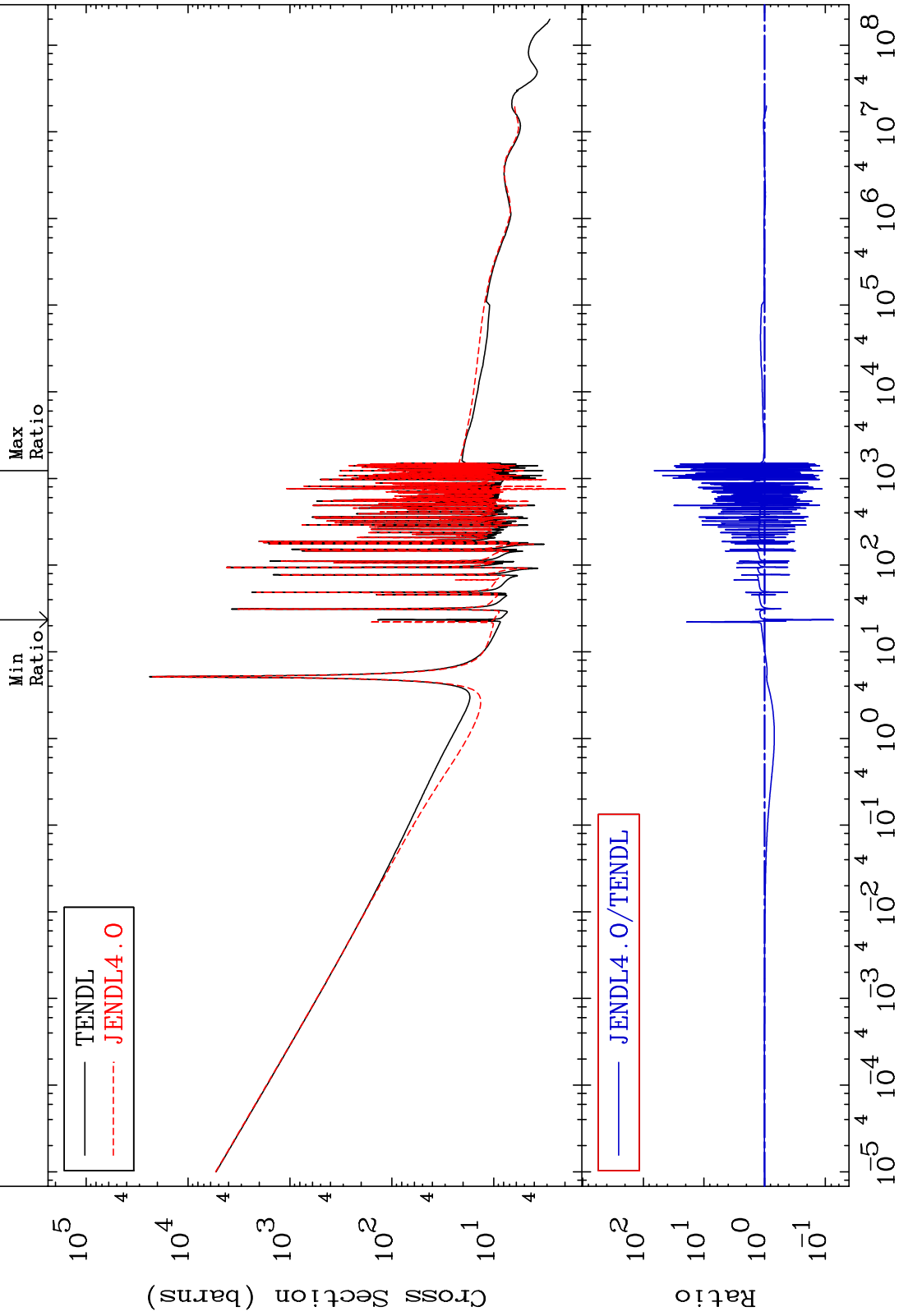
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E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9225 92-U -234 -92.70 To 6455. %

Total Cross Section

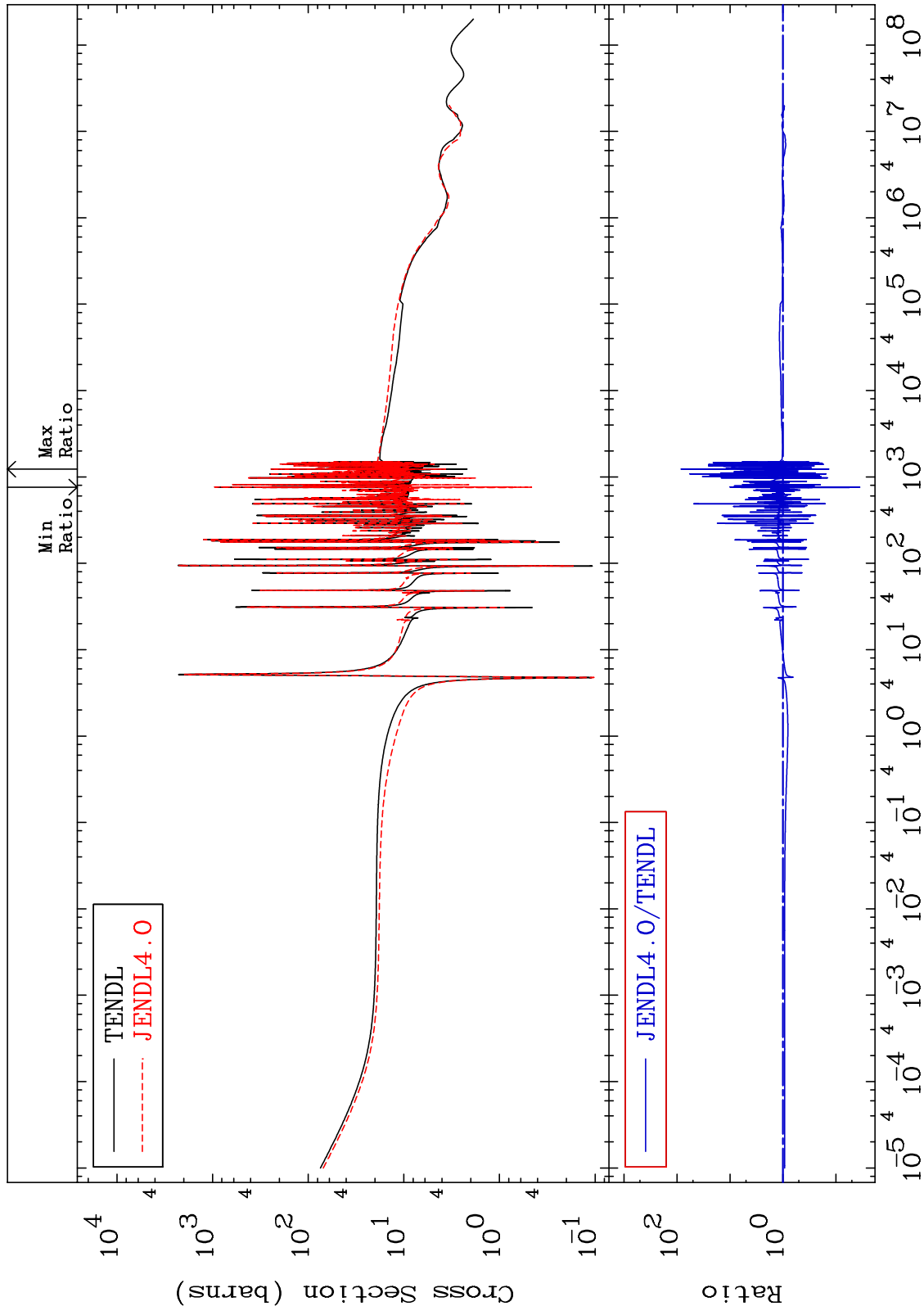


1 Incident Energy (eV) 92-U -234

MAT 9225

Elastic
Cross Section

92-U -234
-96.45 To 8231. %



2

Incident Energy (eV)

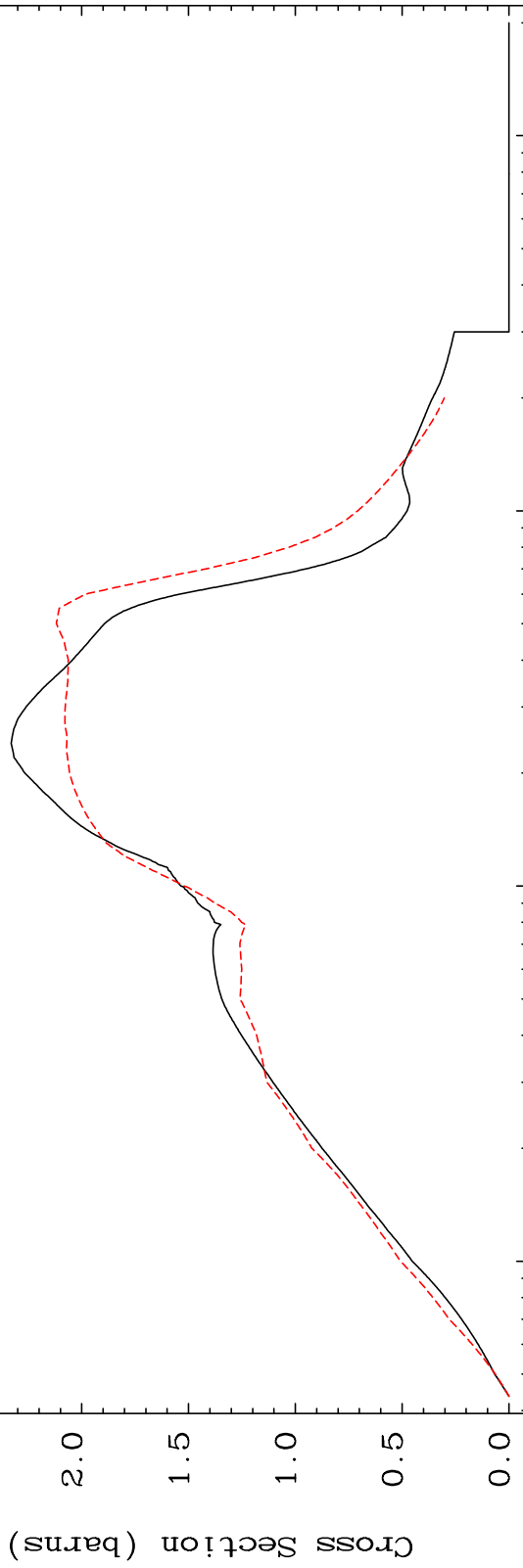
92-U -234

MAT 9225 92-U -234 -15.32 To 58.80 %

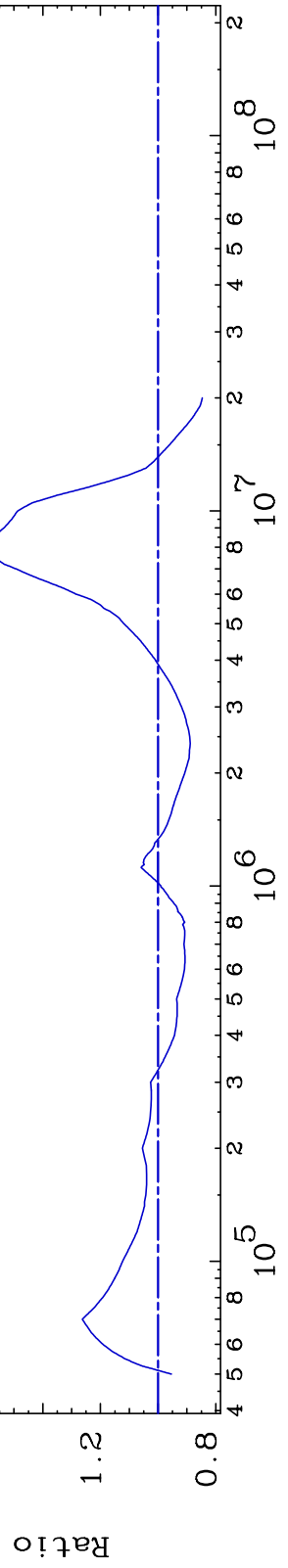
Inelastic Cross Section

Max Ratio
Min Ratio

— TENDL Threshold 43.686 keV
- - - JENDL4.0 Threshold 43.686 keV

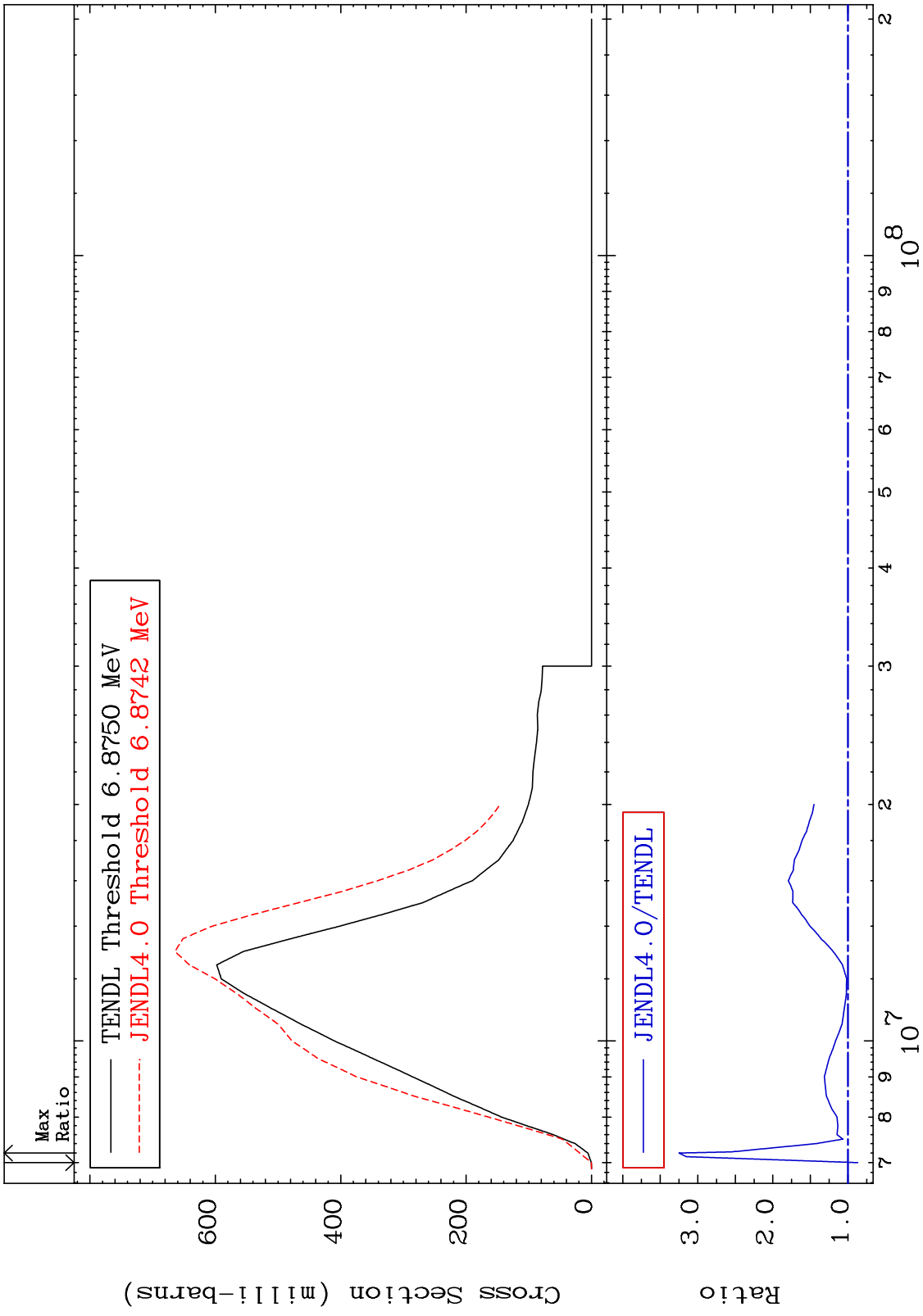


— JENDL4.0/TENDL

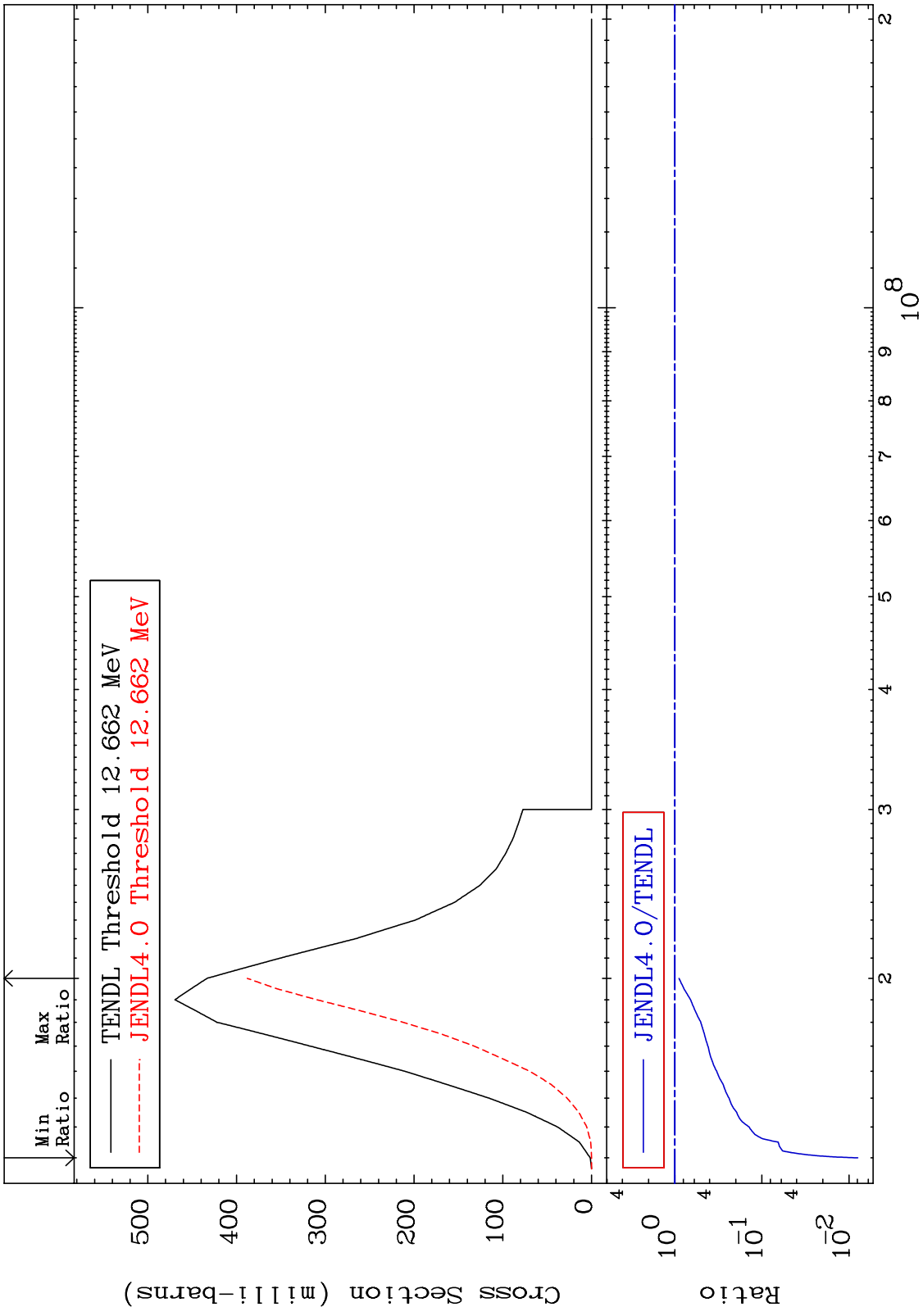


3 92-U -234

MAT 9225 (n,2n) Cross Section 92-U -234 -13.20 To 224.9 %



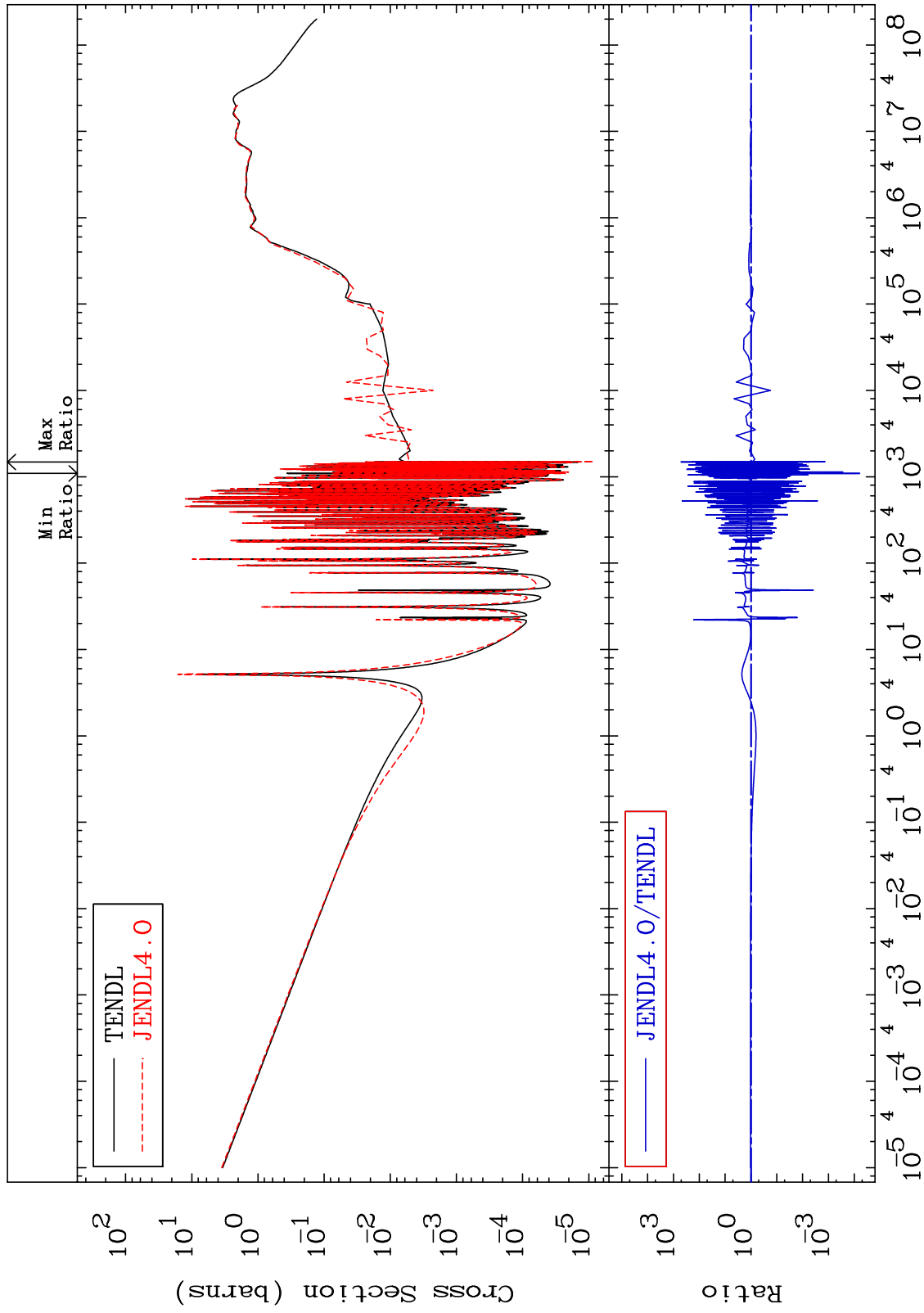
MAT 9225 (n,3n) Cross Section 92-U -234 -99.21 To -10.47%



MAT 9225

Fission
Cross Section

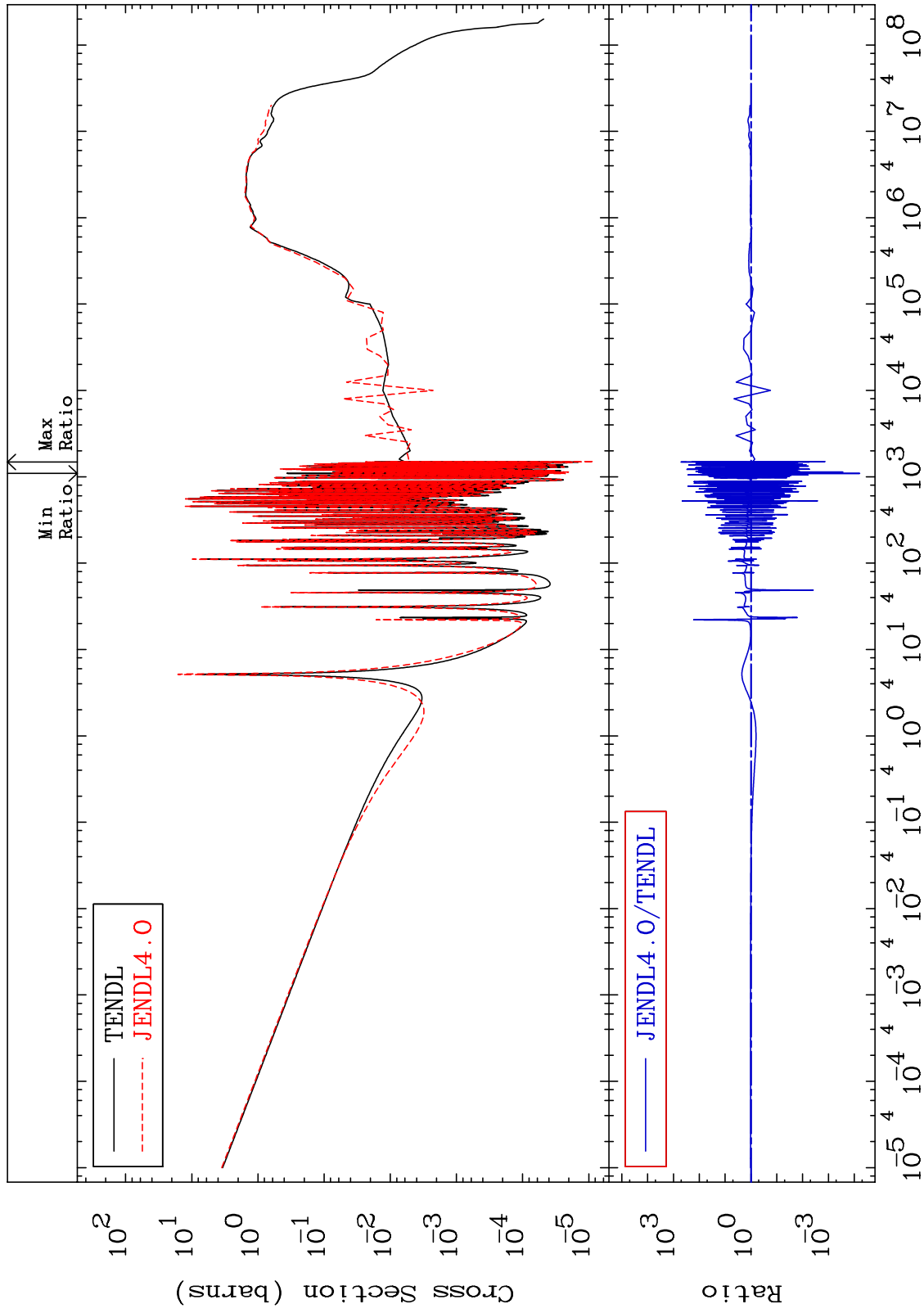
92-U -234
-99.99 To 9999. %



MAT 9225

(n,f) First Chance
Cross Section

92-U -234
-99.99 To 9999. %

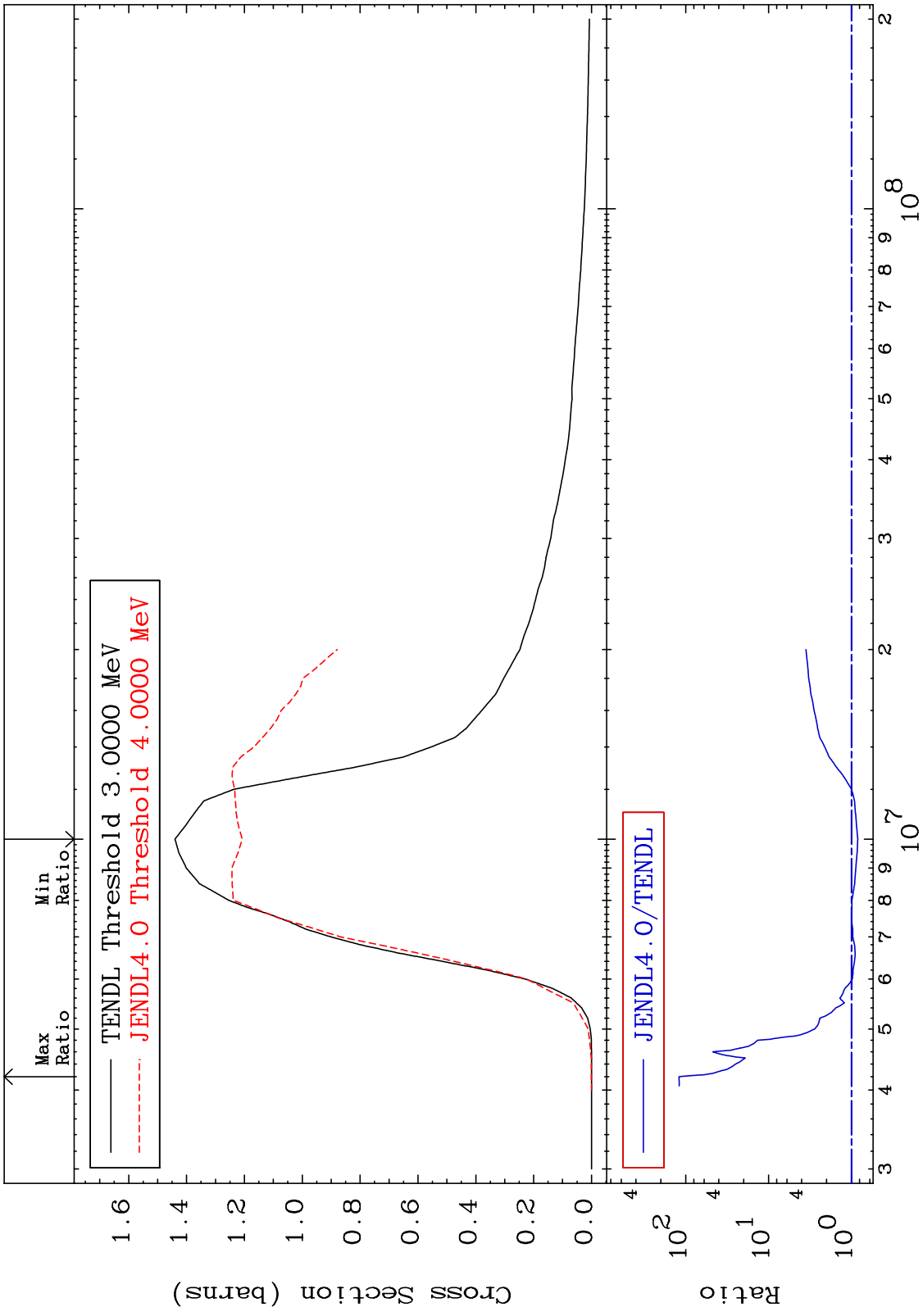


7

Incident Energy (eV)

92-U -234

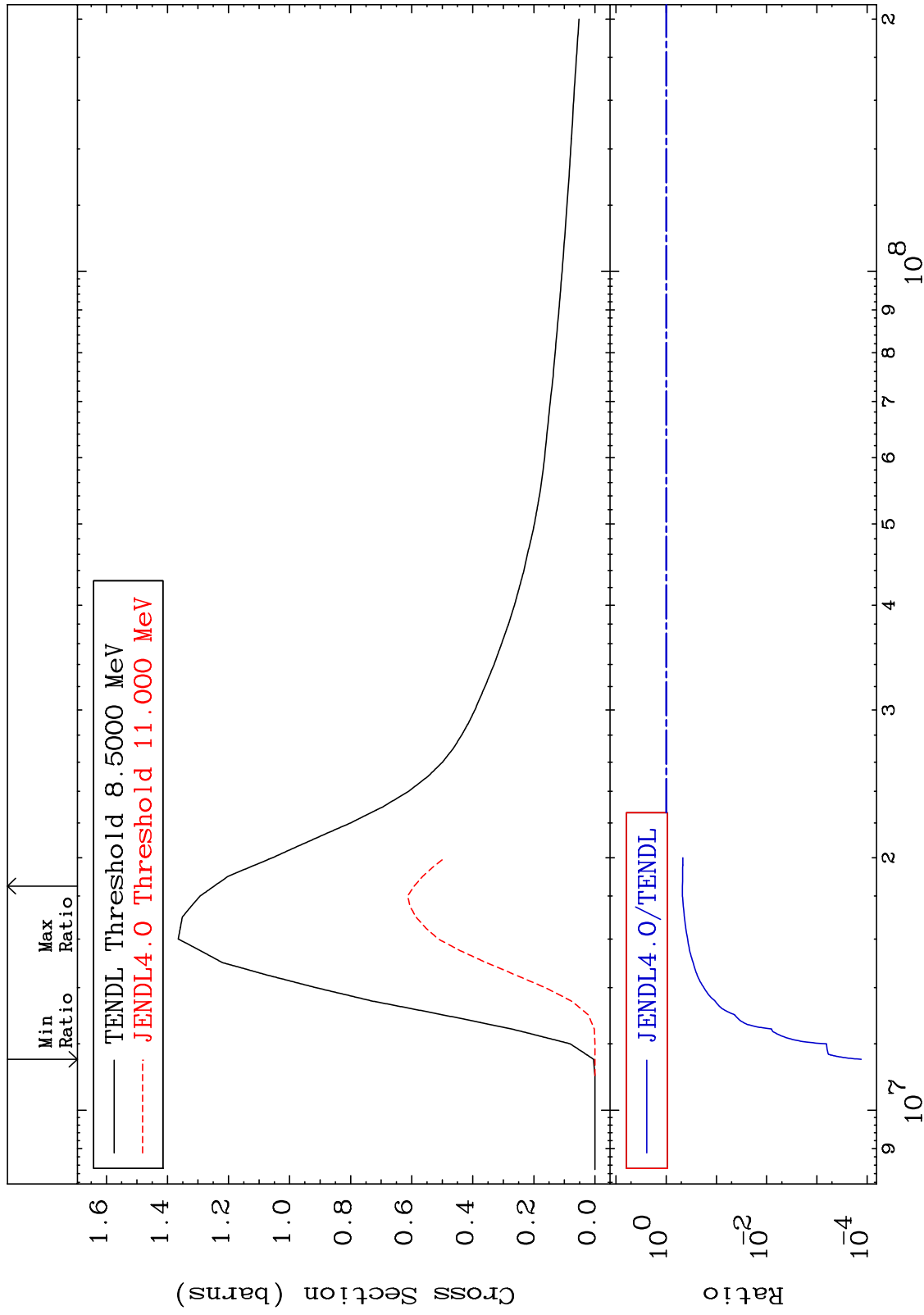
MAT 9225 (n,nf) Second Chance Cross Section 92-U -234 -16.15 To 9999. %



MAT 9225

(n,2nf) Third Chance
Cross Section

92-U -234
-99.99 To -52.55%

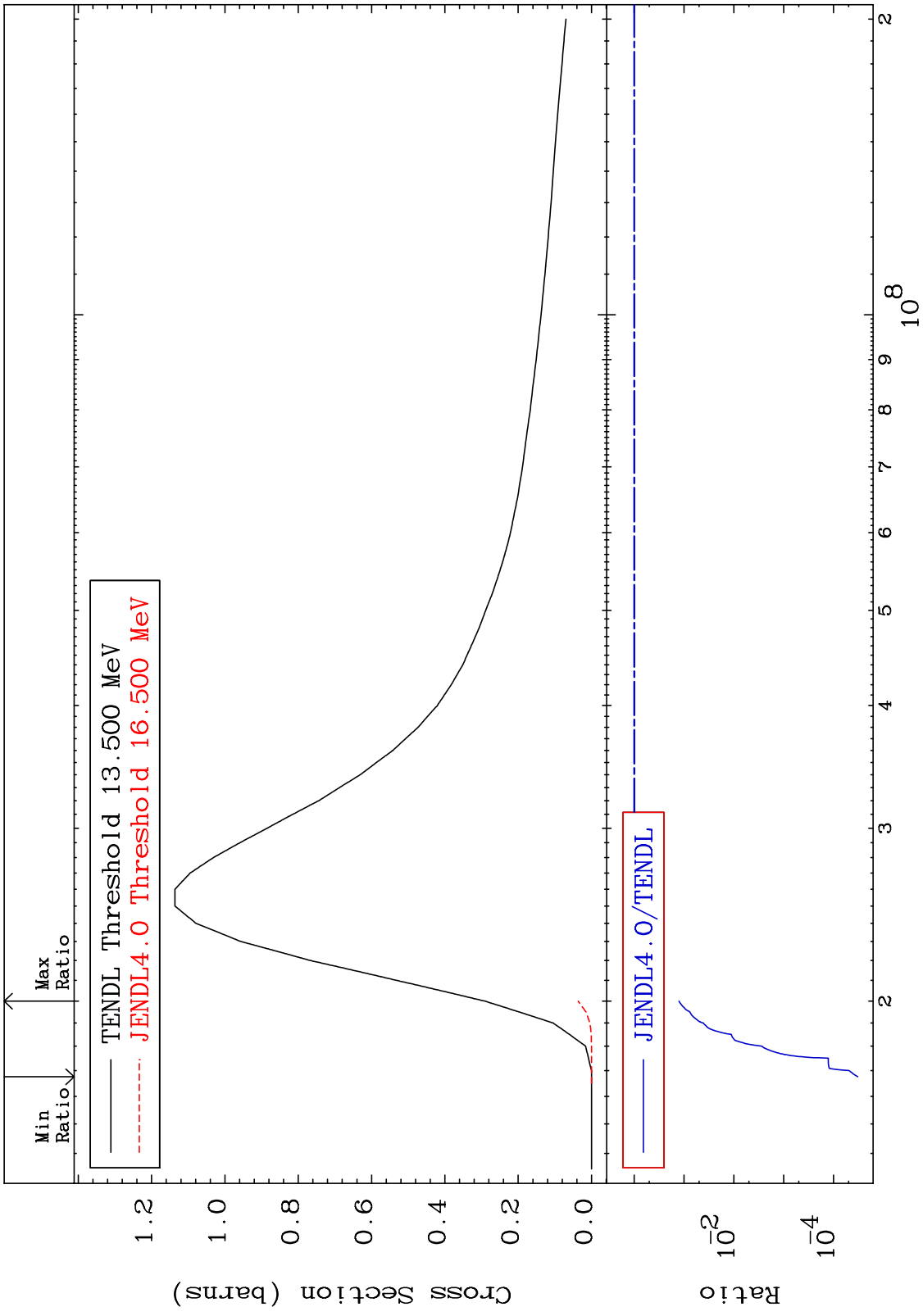


9

Incident Energy (eV)

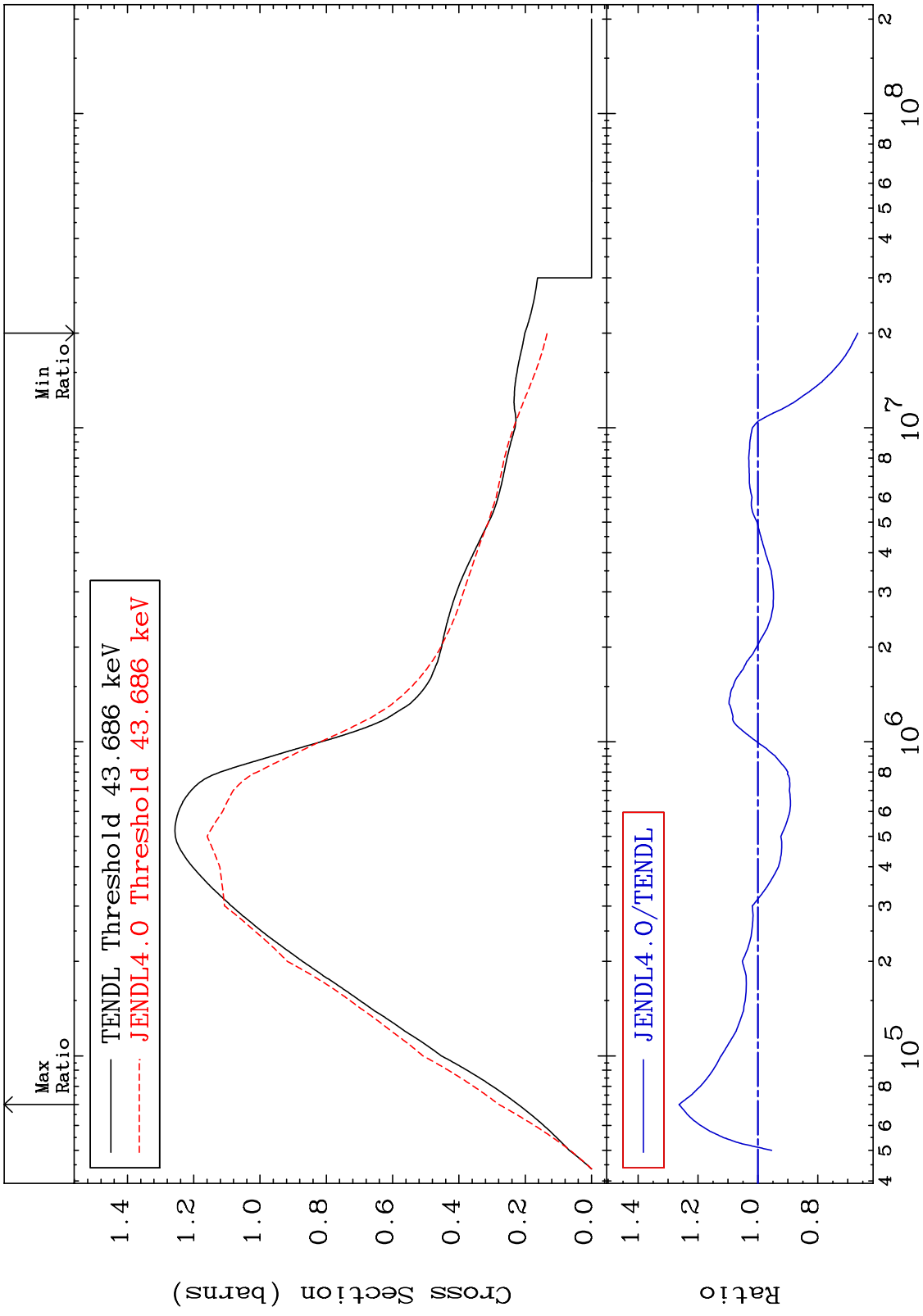
92-U -234

MAT 9225 (n,3nf) Fourth Chance Cross Section 92-U -234 -100.0 To -87.42%

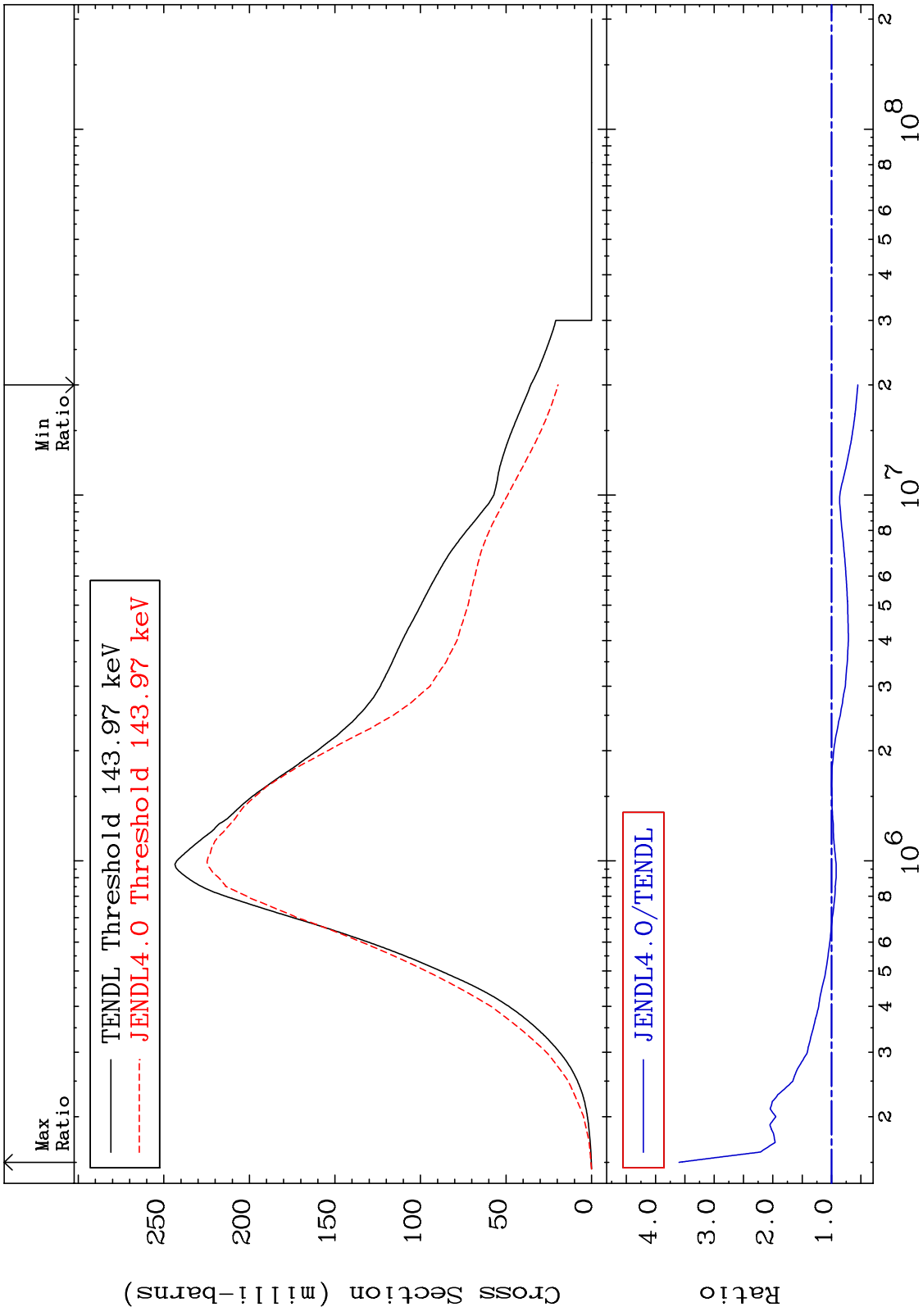


10 92-U -234

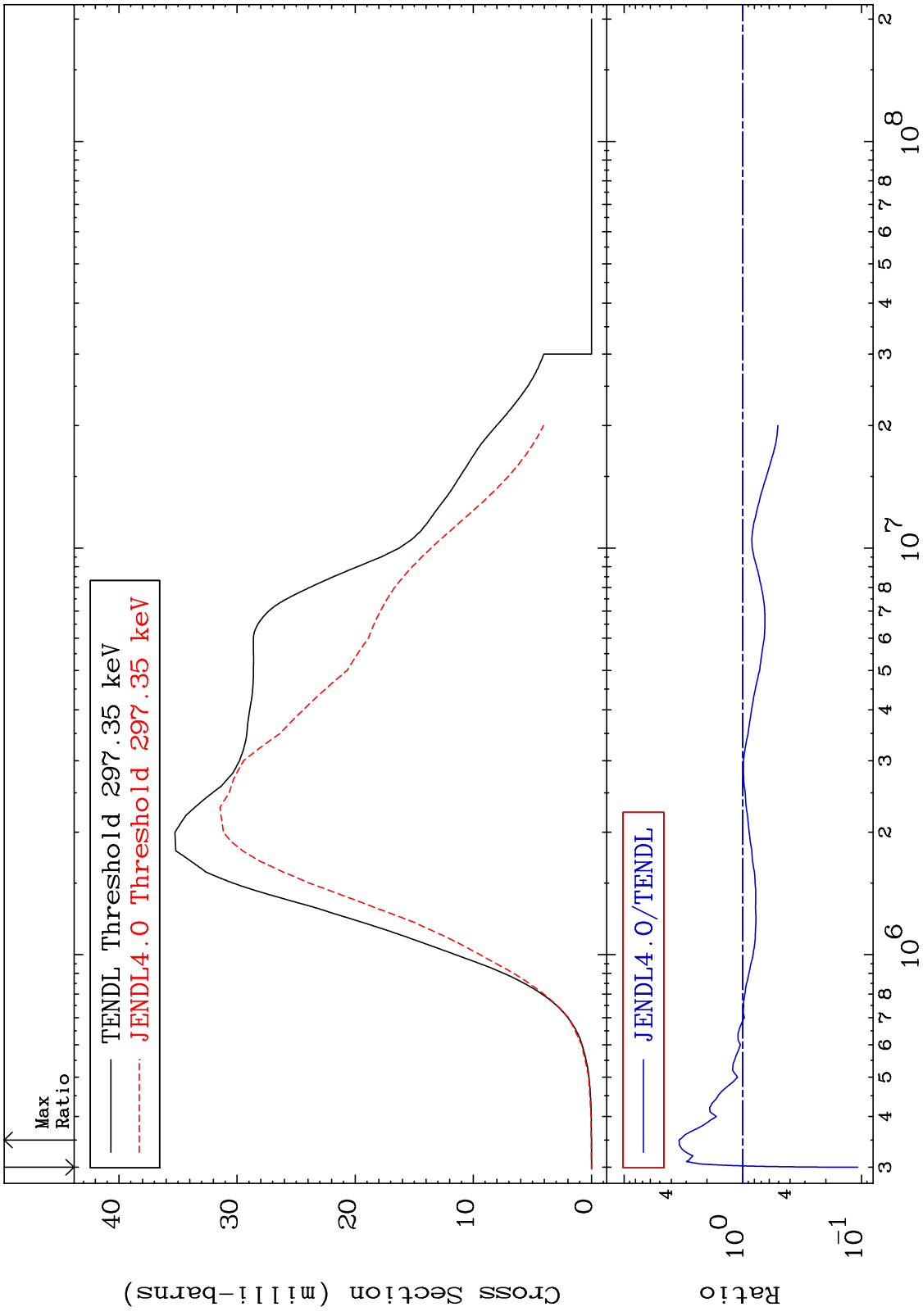
MAT 9225 MT= 51 (n,n') Level Cross Section 92-U -234
 -33.34 To 26.34 %



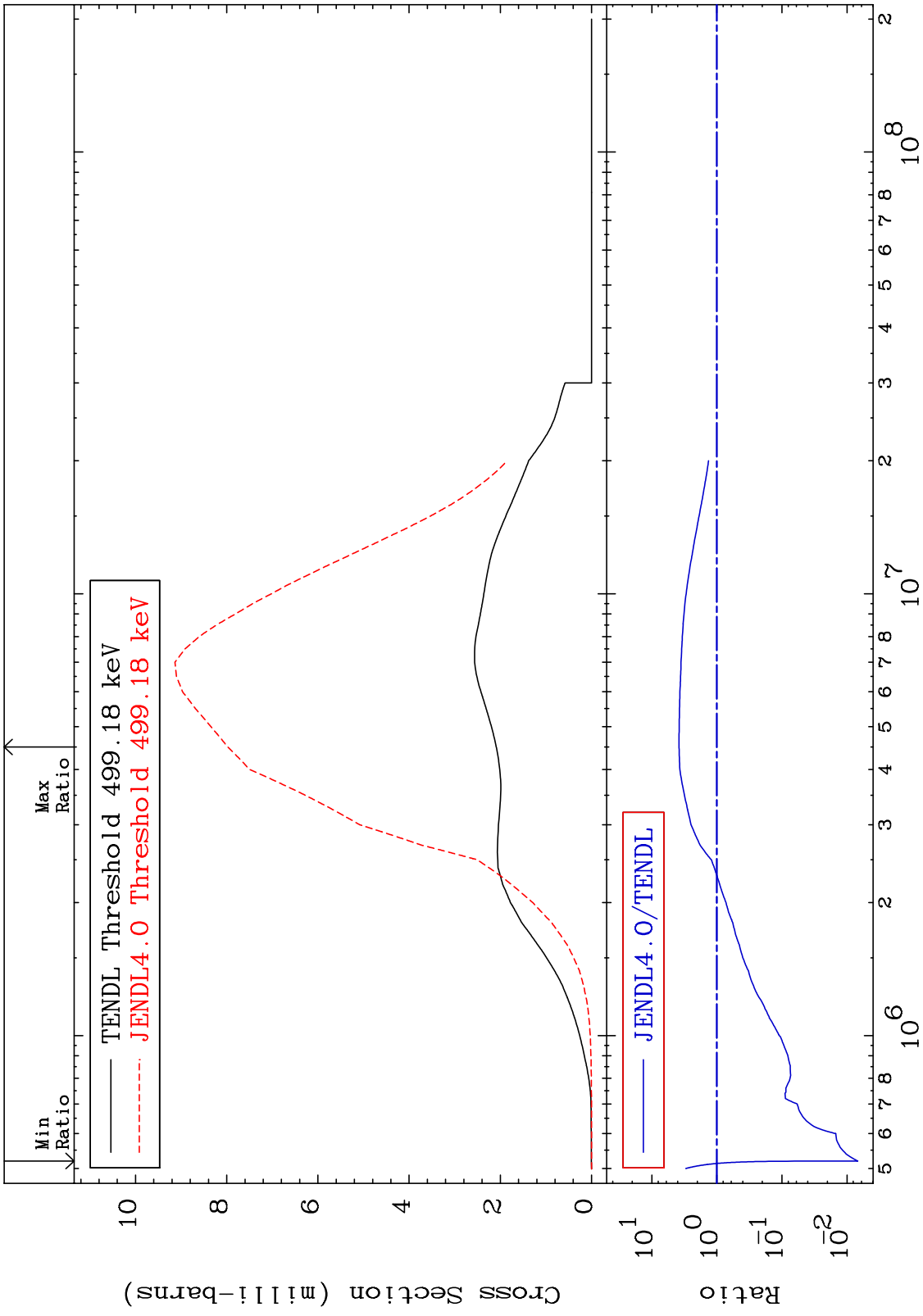
MAT 9225 MT= 52 (n,n') Level Cross Section 92-U -234
 -44.99 To 260.0 %



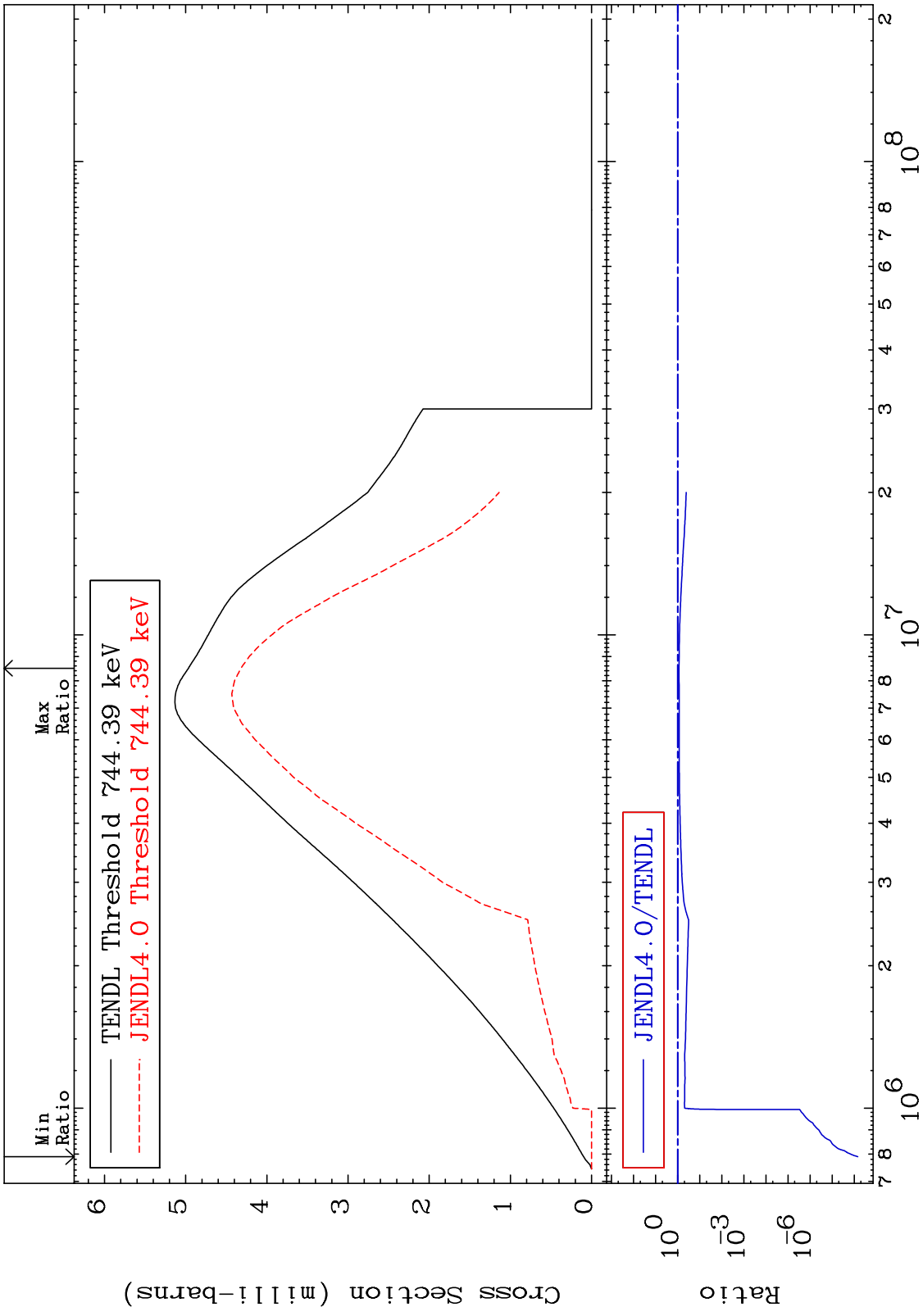
MAT 9225 MT= 53 (n,n') Level Cross Section 92-U -234 -89.24 To 244.3 %



MAT 9225 MT= 54 (n,n') Level Cross Section 92-U -234
 -99.32 To 281.9 %

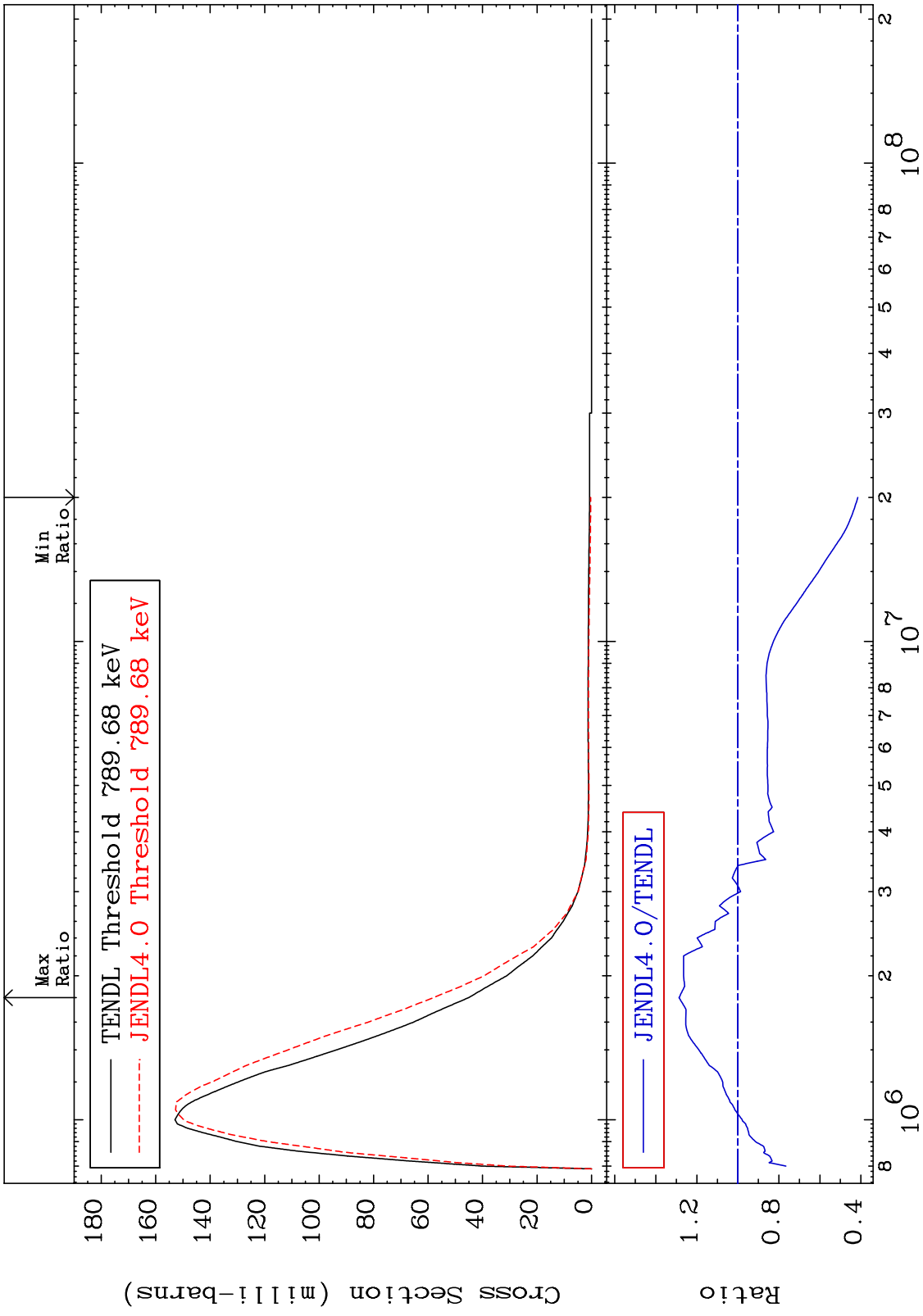


MAT 9225 MT= 55 (n,n') Level Cross Section 92-U -234
 -100.0 To -13.03%



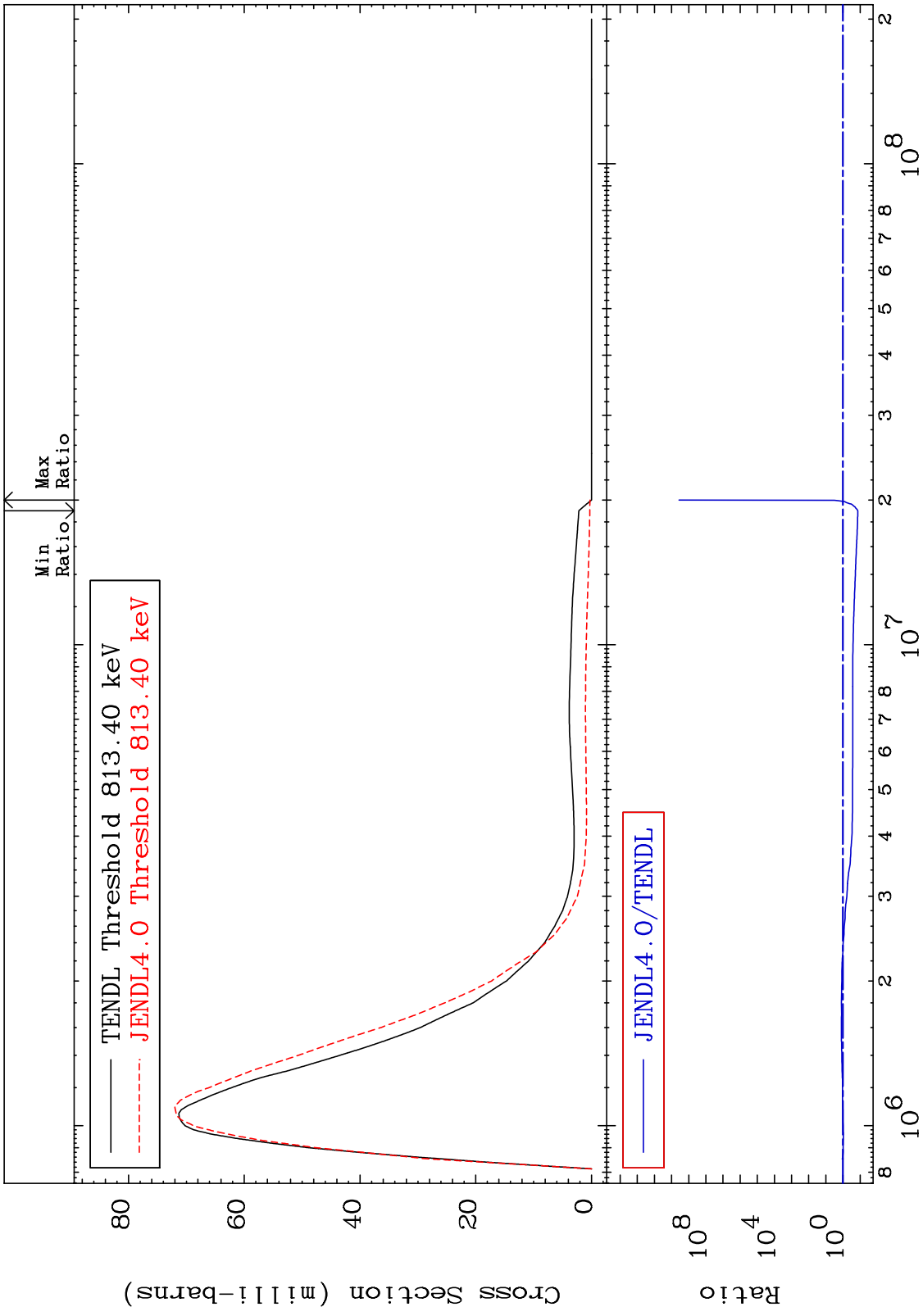
15 Incident Energy (eV) 92-U -234

MAT 9225 MT= 56 (n,n') Level Cross Section 92-U -234
 -58.51 To 28.68 %

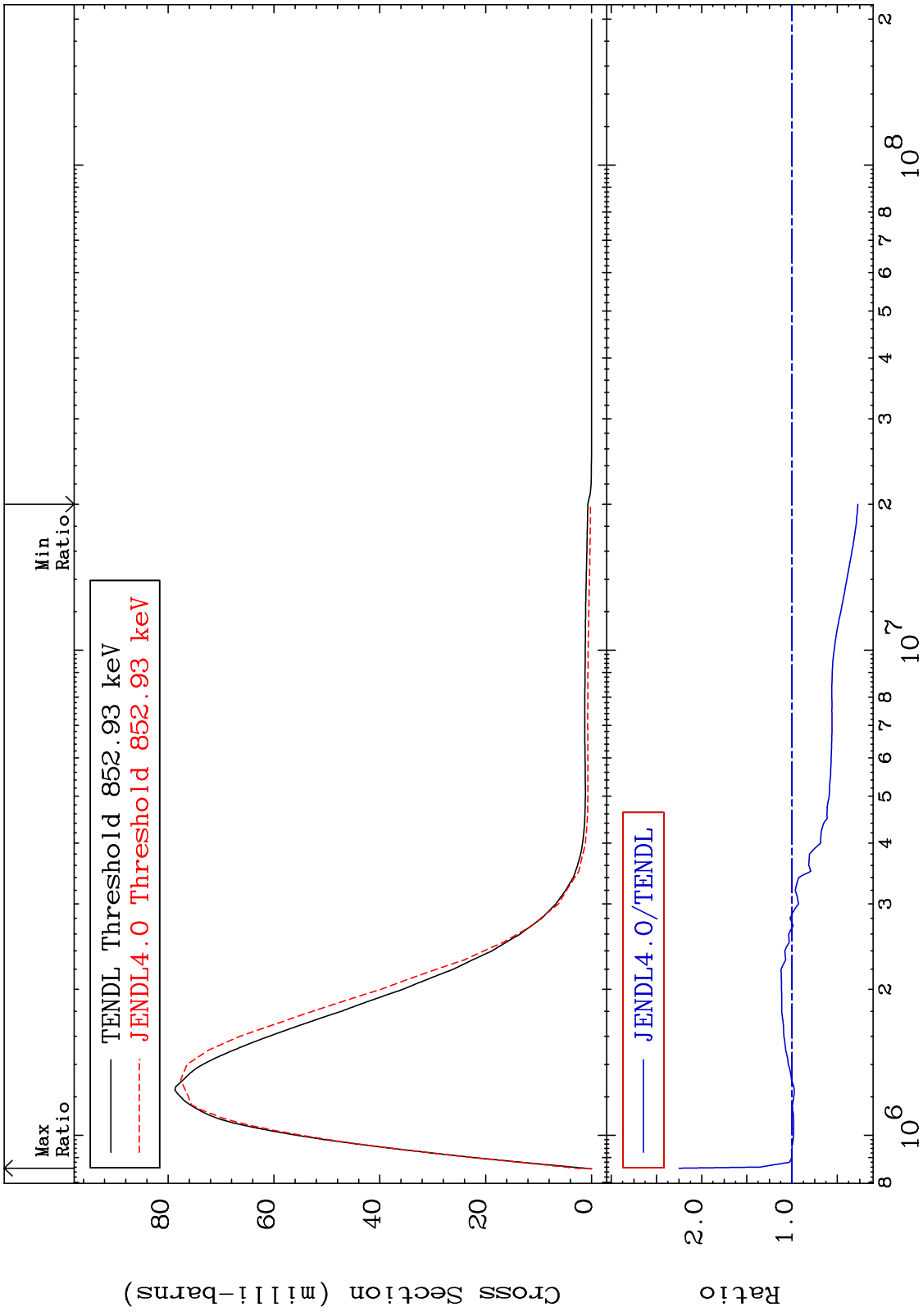


16 Incident Energy (eV) 92-U -234

MAT 9225 MT= 57 (n,n') Level Cross Section 92-U -234
-86.45 To 9999. %

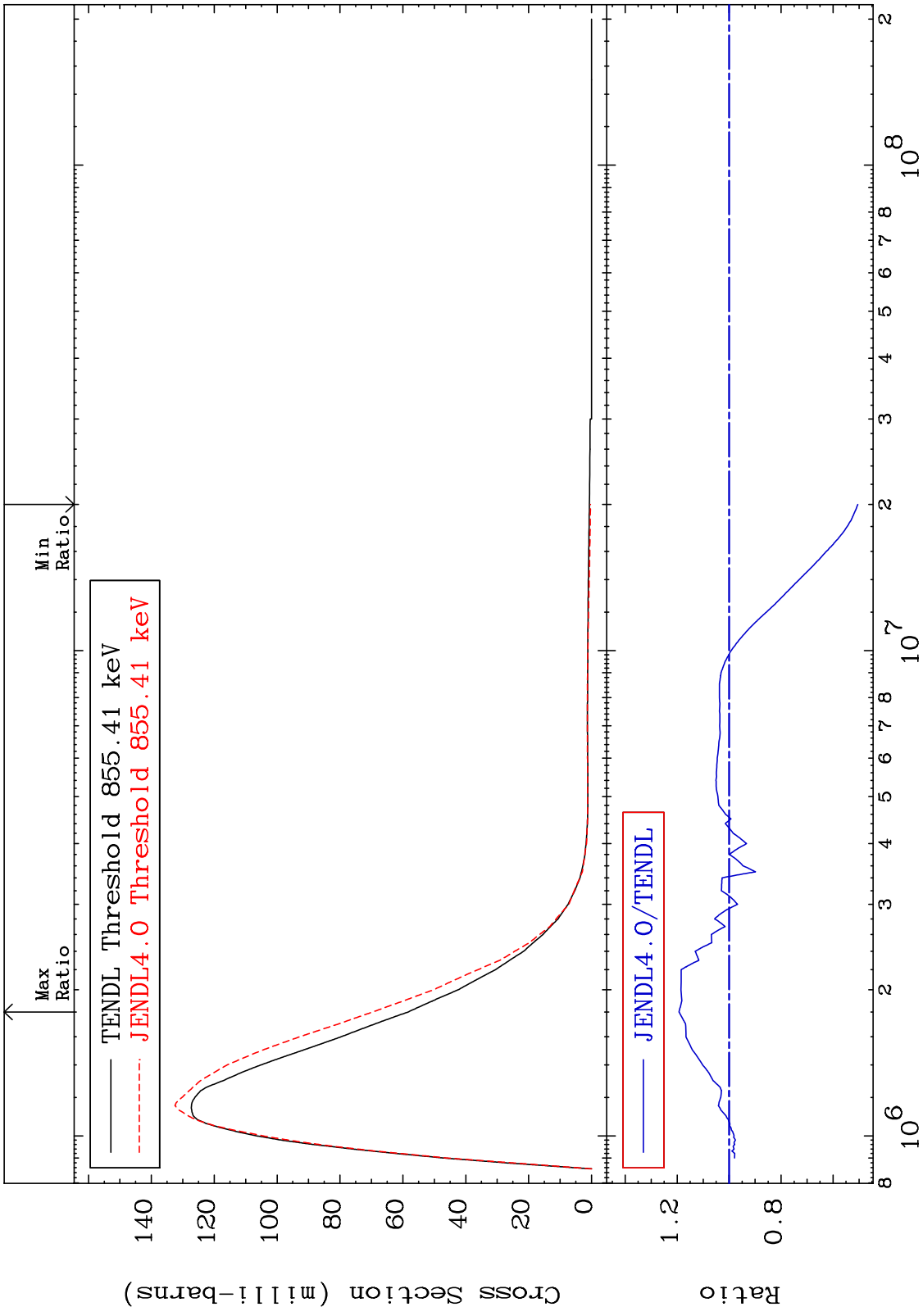


MAT 9225 MT= 58 (n,n') Level Cross Section 92-U -234 -72.82 To 125.0 %



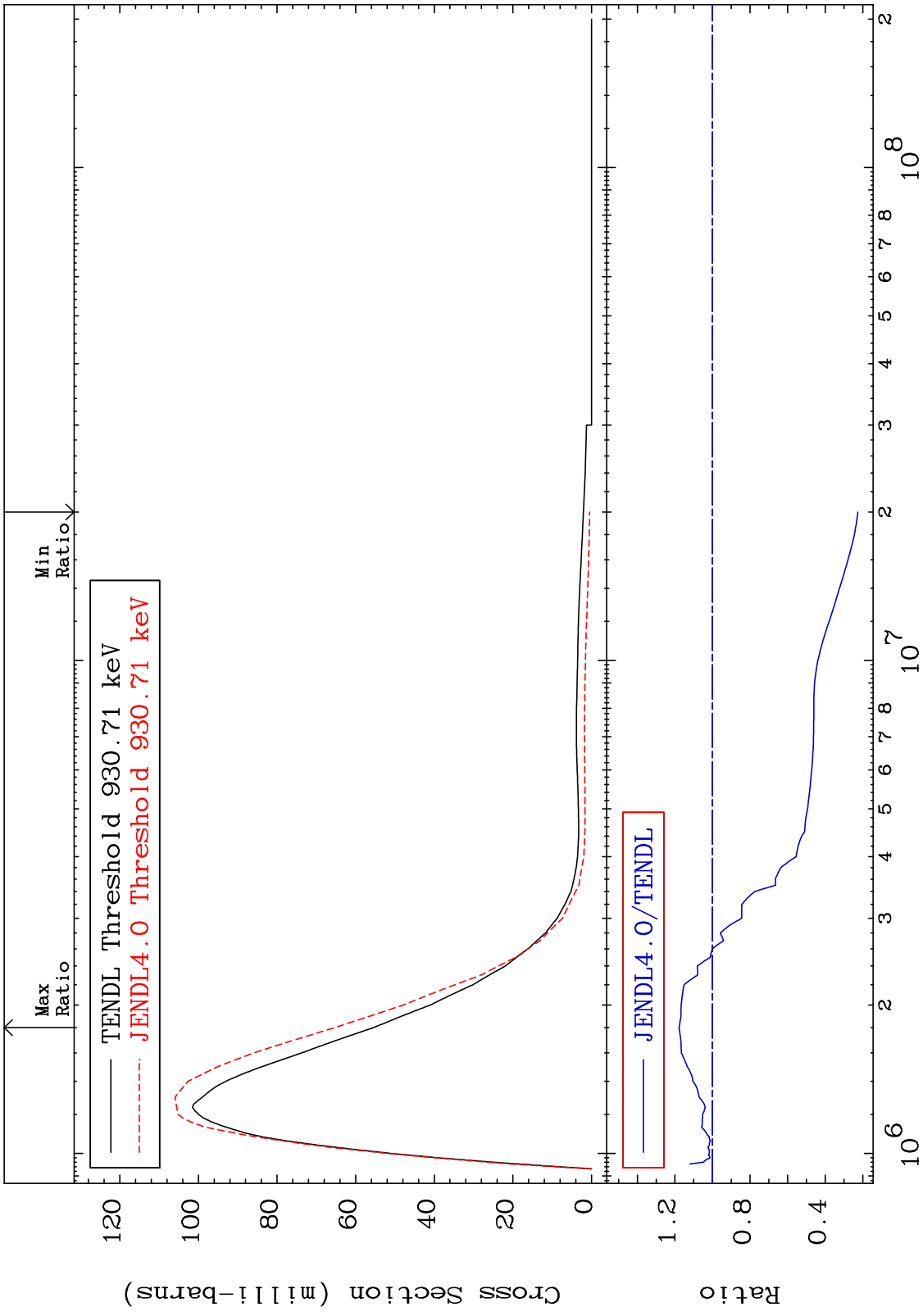
18 92-U -234

MAT 9225 MT= 59 (n,n') Level Cross Section 92-U -234
-49.53 To 19.27 %



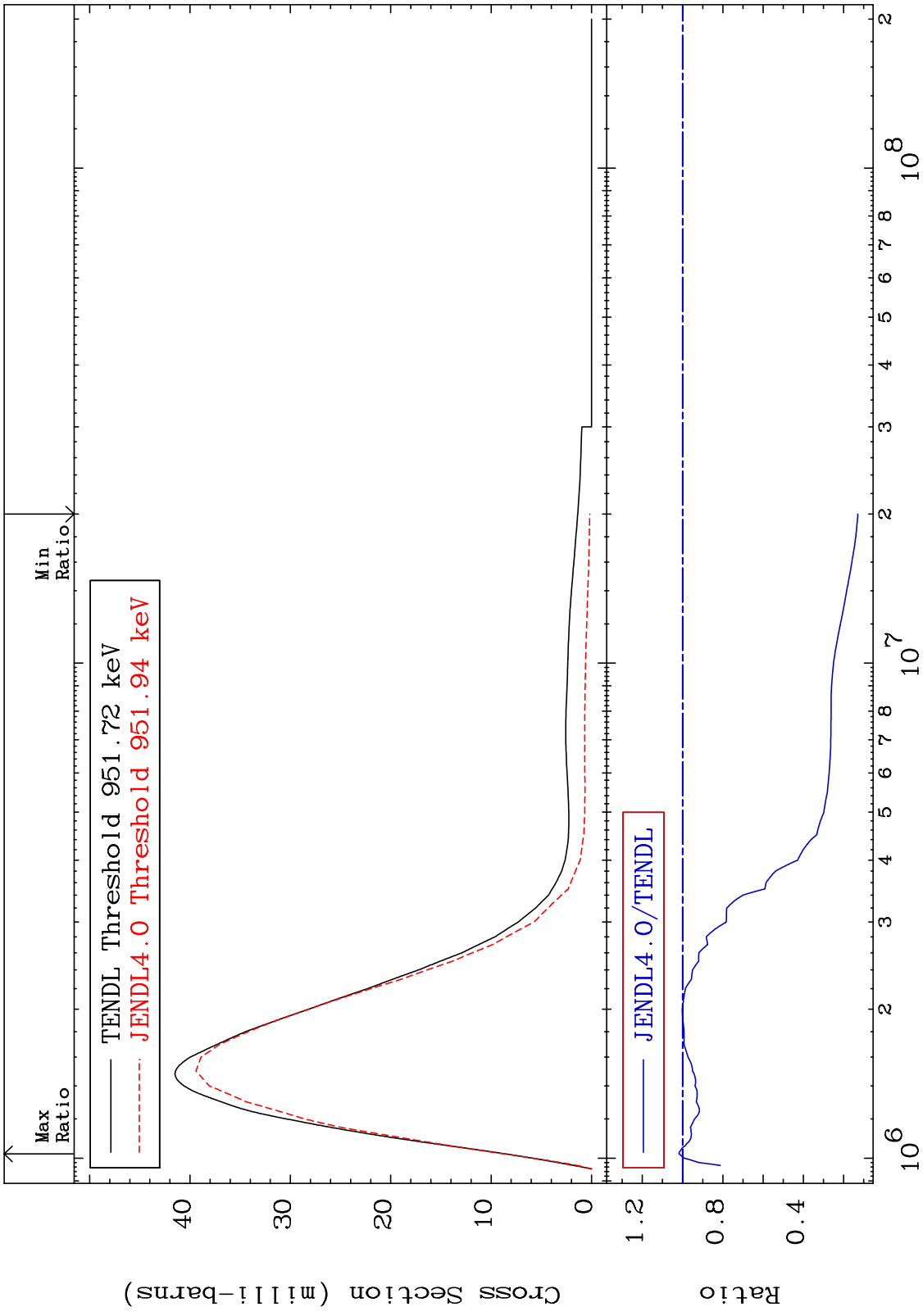
19 92-U -234

MAT 9225 MT= 60 (n,n') Level Cross Section 92-U -234 -77.37 To 17.80 %



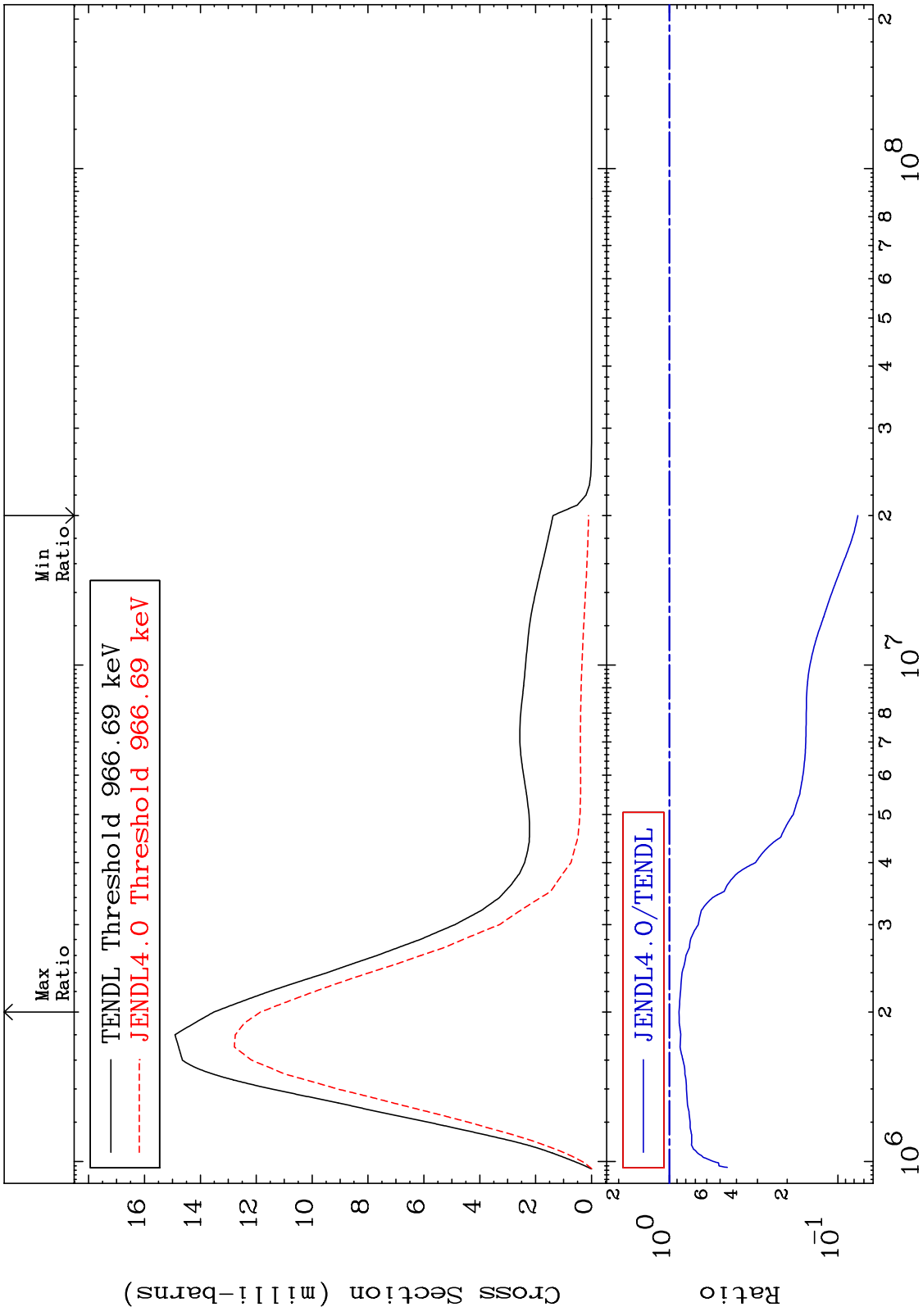
92-U -234

MAT 9225 MT= 61 (n,n') Level Cross Section 92-U -234
-87.05 To 1.759 %



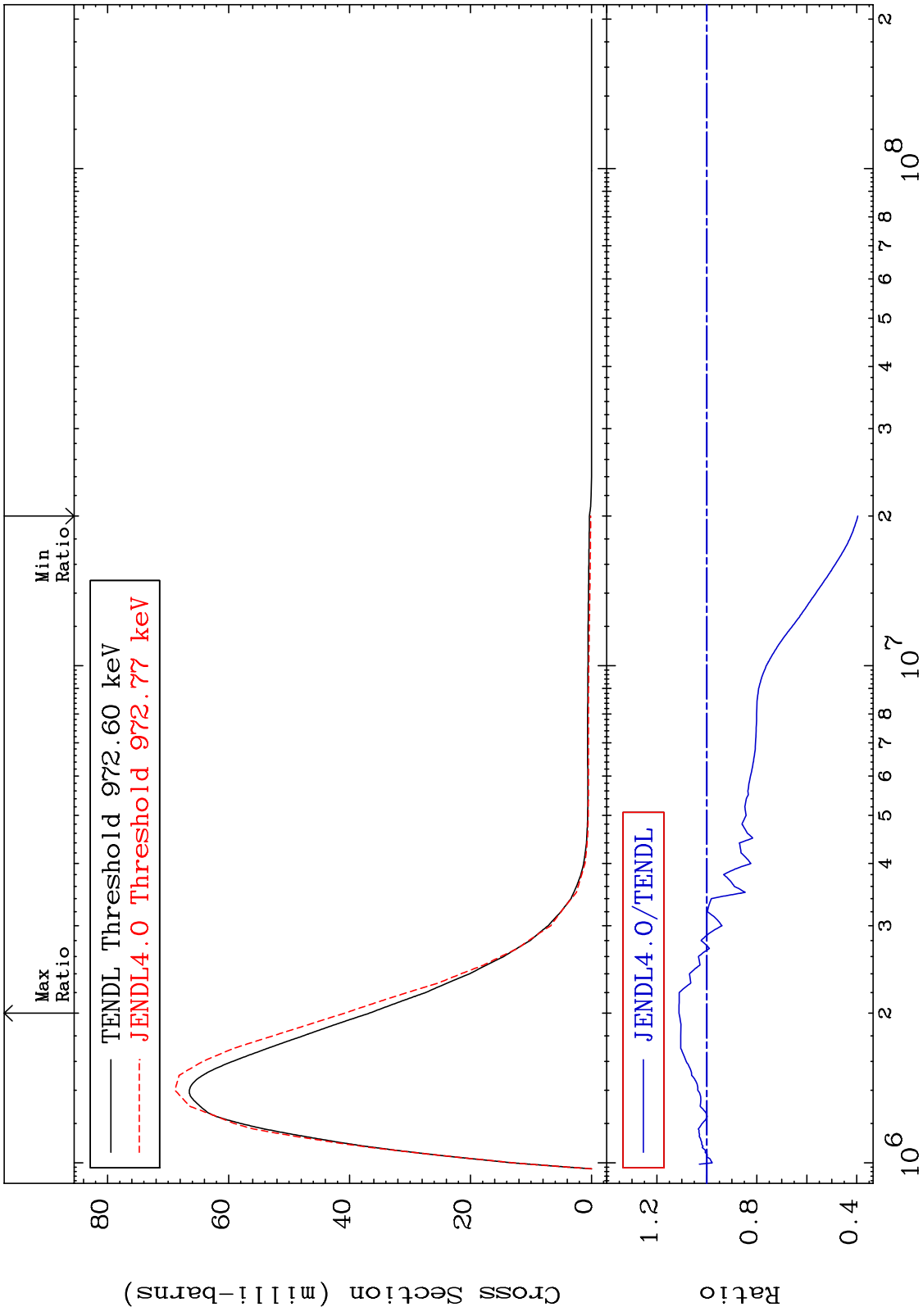
21 Incident Energy (eV) 92-U -234

MAT 9225 MT= 62 (n,n') Level Cross Section 92-U -234
 -92.39 To -12.38%



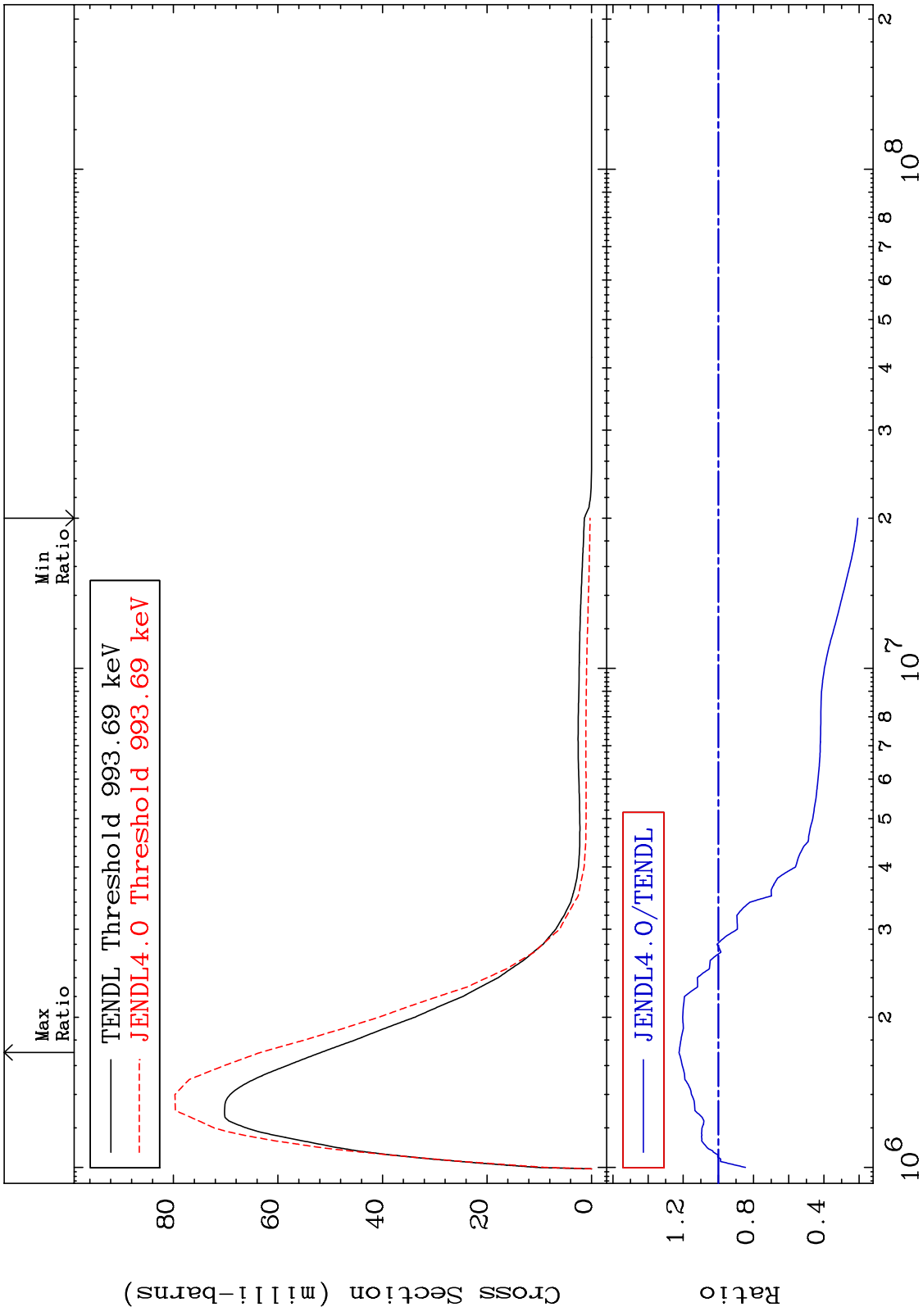
22 92-U -234

MAT 9225 MT= 63 (n,n') Level Cross Section 92-U -234 -60.45 To 11.12 %



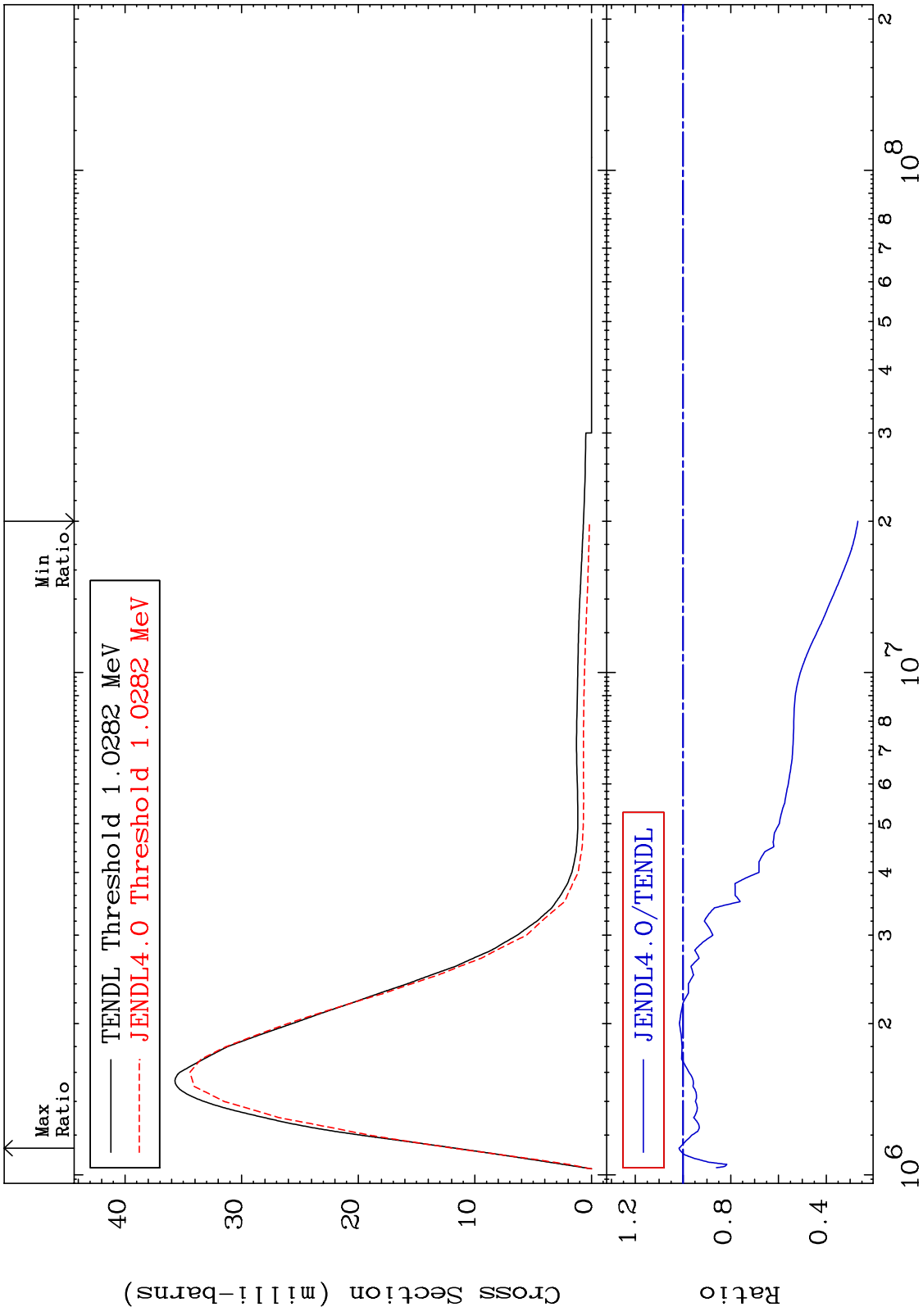
Incident Energy (eV) 92-U -234

MAT 9225 MT= 64 (n,n') Level Cross Section 92-U -234
 -79.25 To 22.38 %



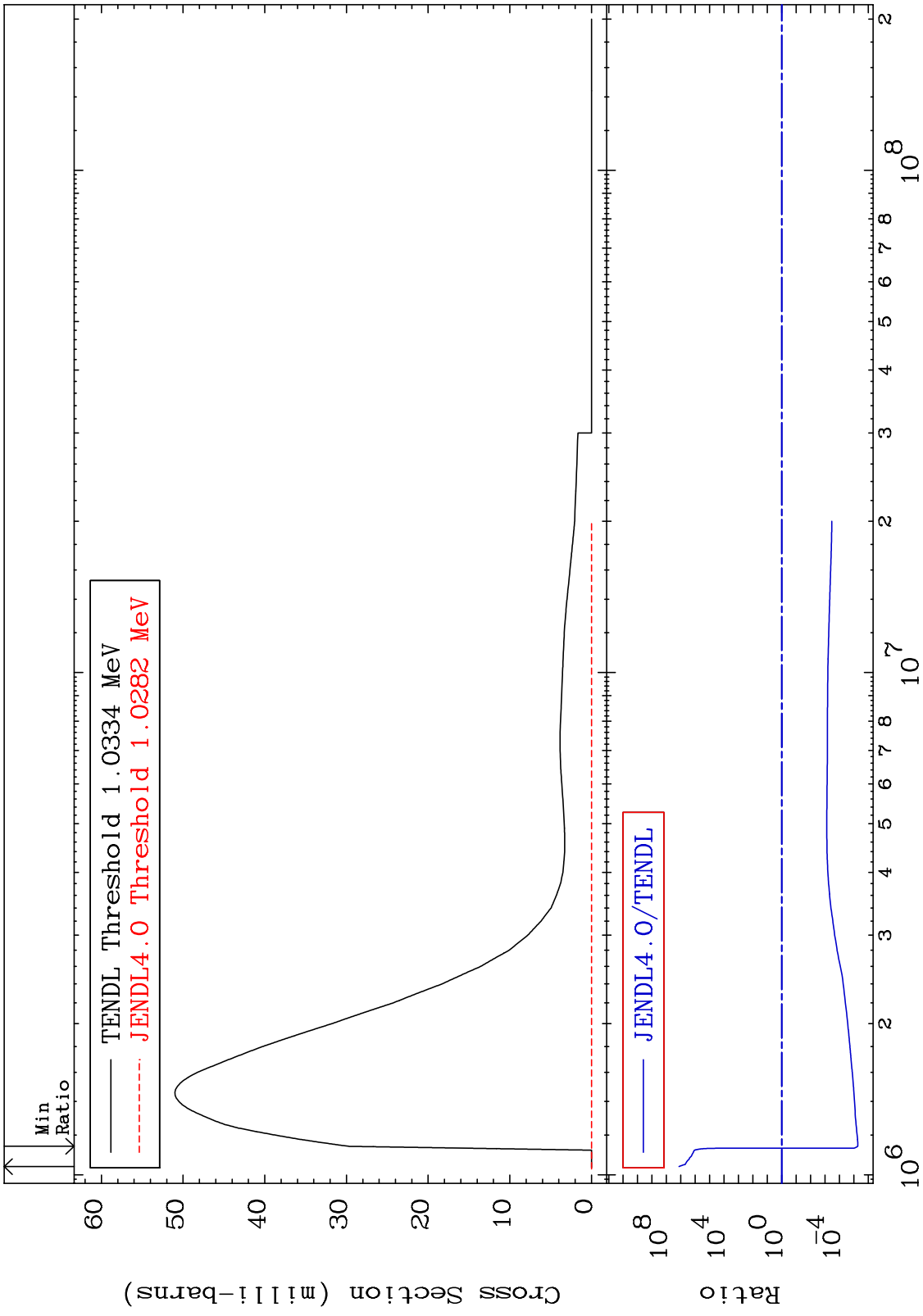
Incident Energy (eV) 92-U -234

MAT 9225 MT= 65 (n,n') Level Cross Section 92-U -234
 -73.26 To 1.676 %



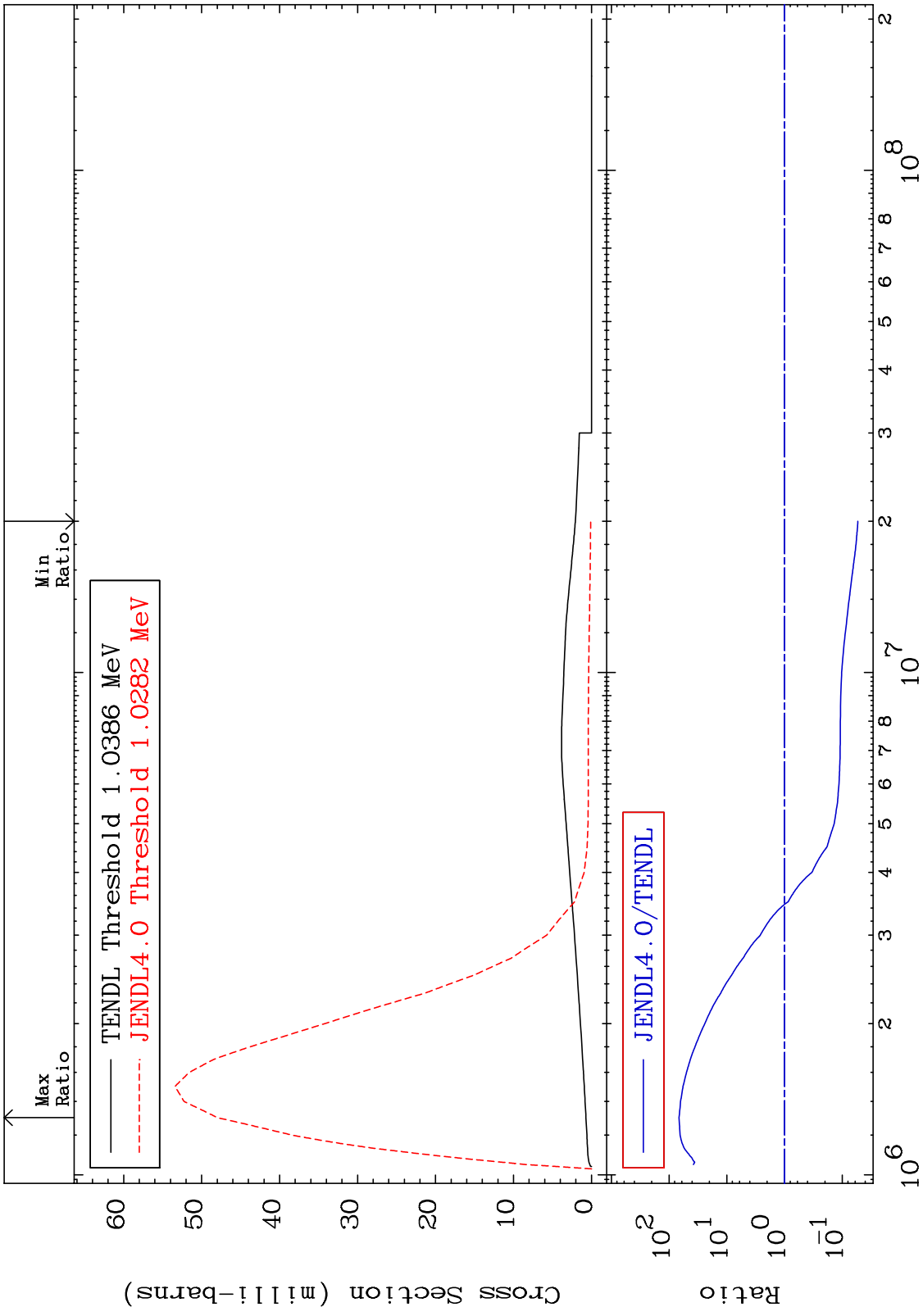
25 Incident Energy (eV) 92-U -234

MAT 9225 MT= 66 (n,n') Level Cross Section 92-U -234
 -100.0 To 9999. %



26 Incident Energy (eV) 92-U -234

MAT 9225 MT= 67 (n,n') Level Cross Section 92-U -234 -94.62 To 6621. %

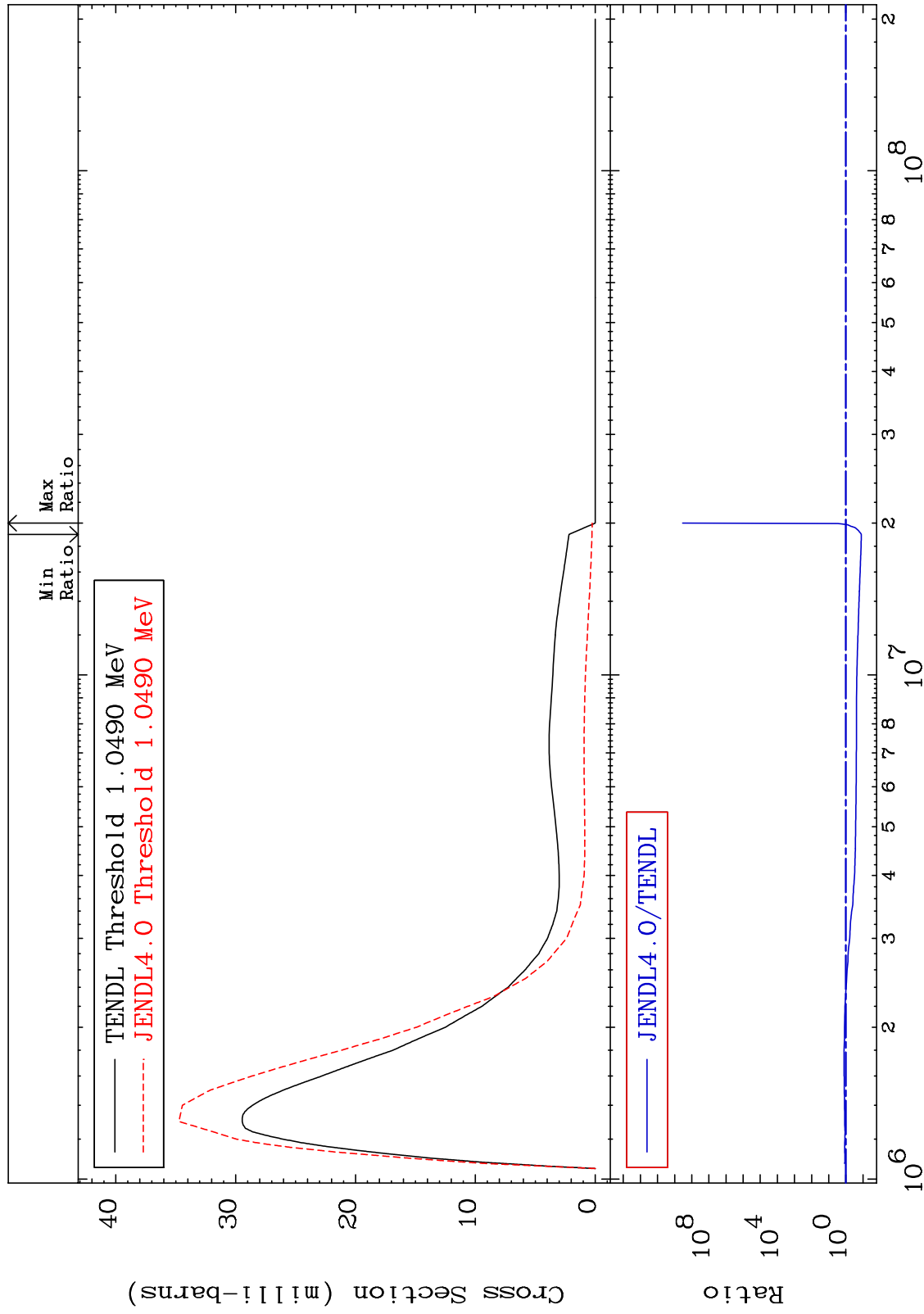


27 92-U -234

MAT 9225

MT= 68 (n,n') Level
Cross Section

92-U -234
-87.58 To 9999. %

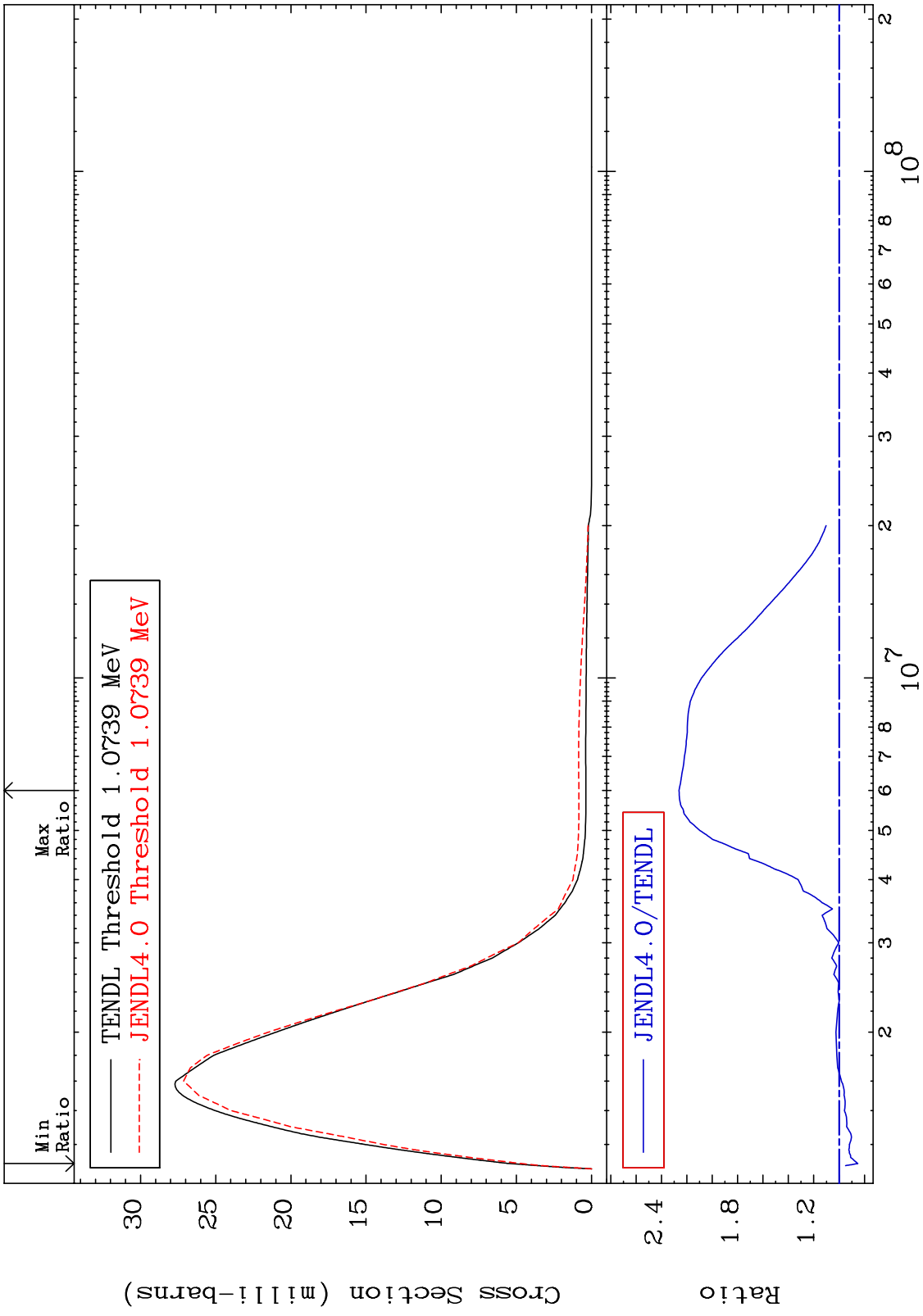


28

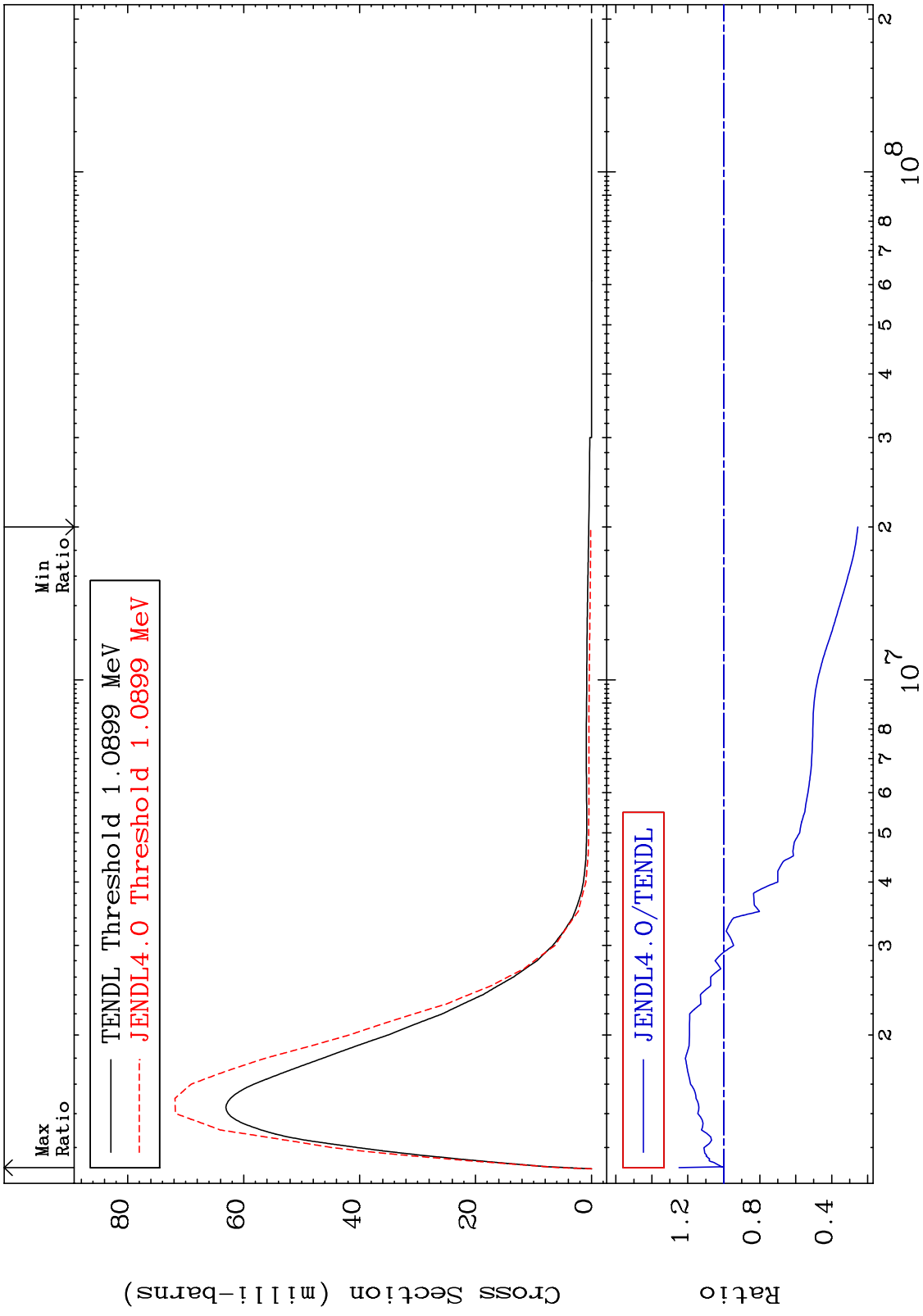
Incident Energy (eV)

92-U -234

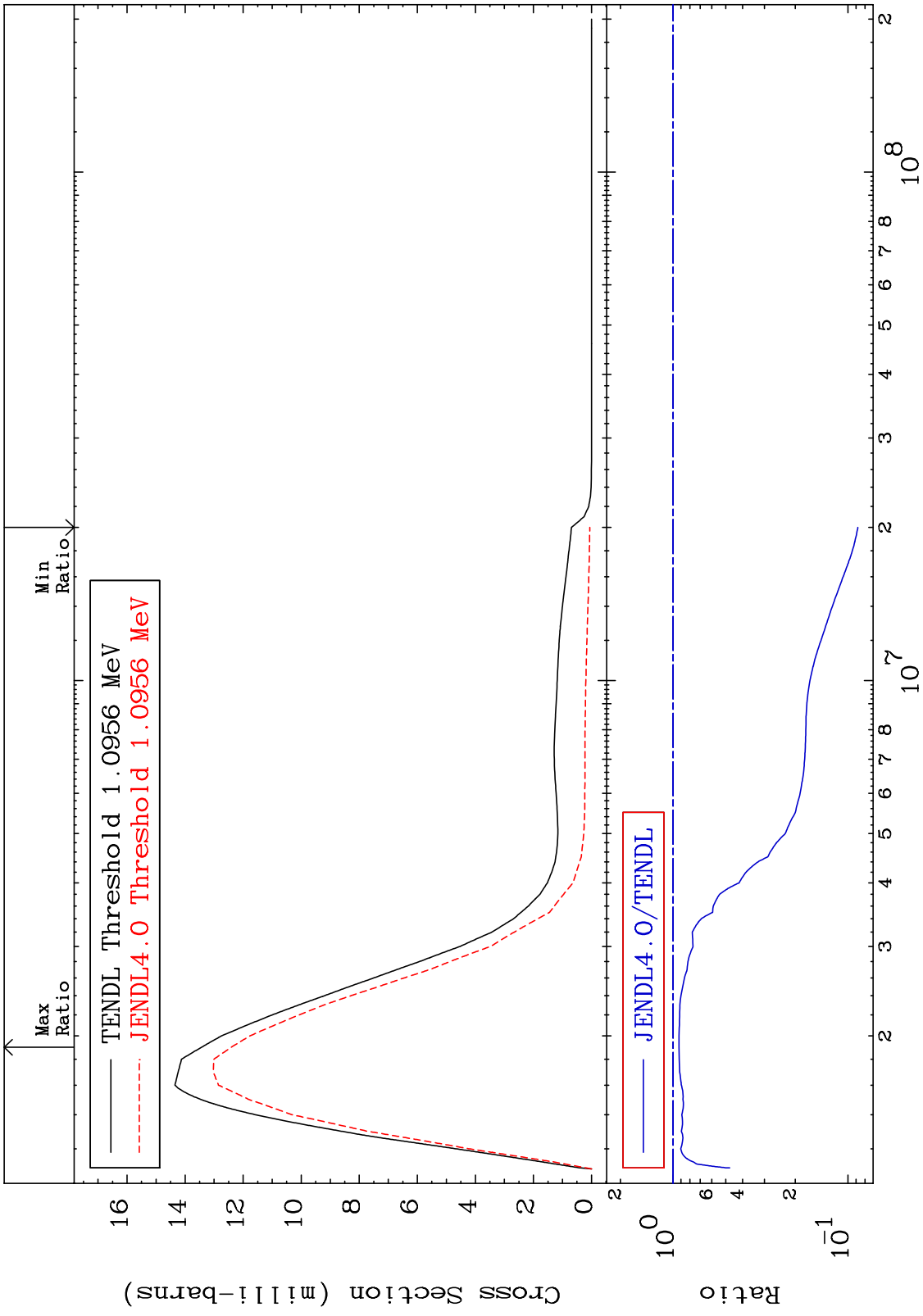
MAT 9225 MT= 69 (n,n') Level Cross Section 92-U -234
 -14.76 To 126.2 %



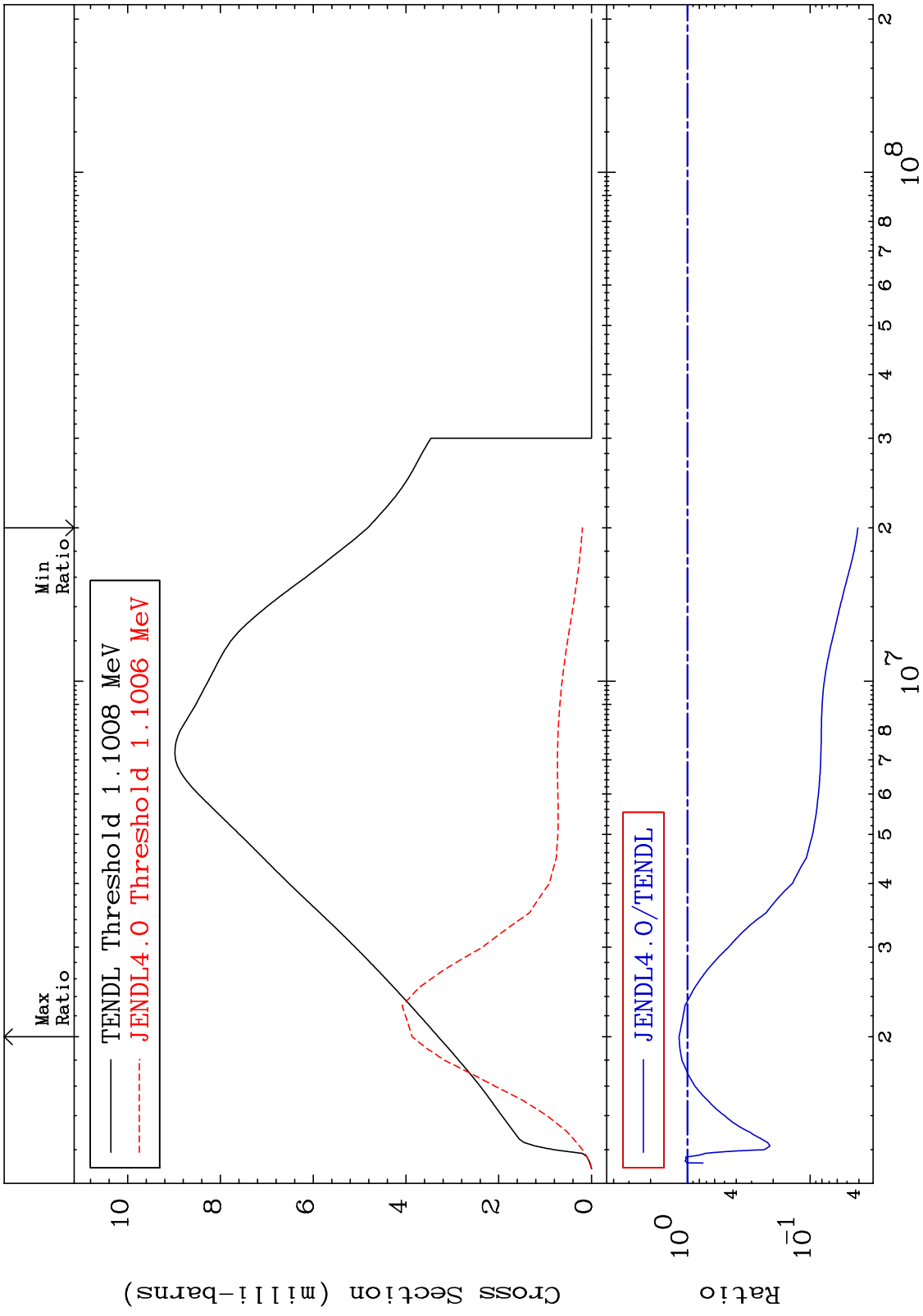
MAT 9225 MT= 70 (n,n') Level Cross Section 92-U -234
 -74.55 To 24.88 %



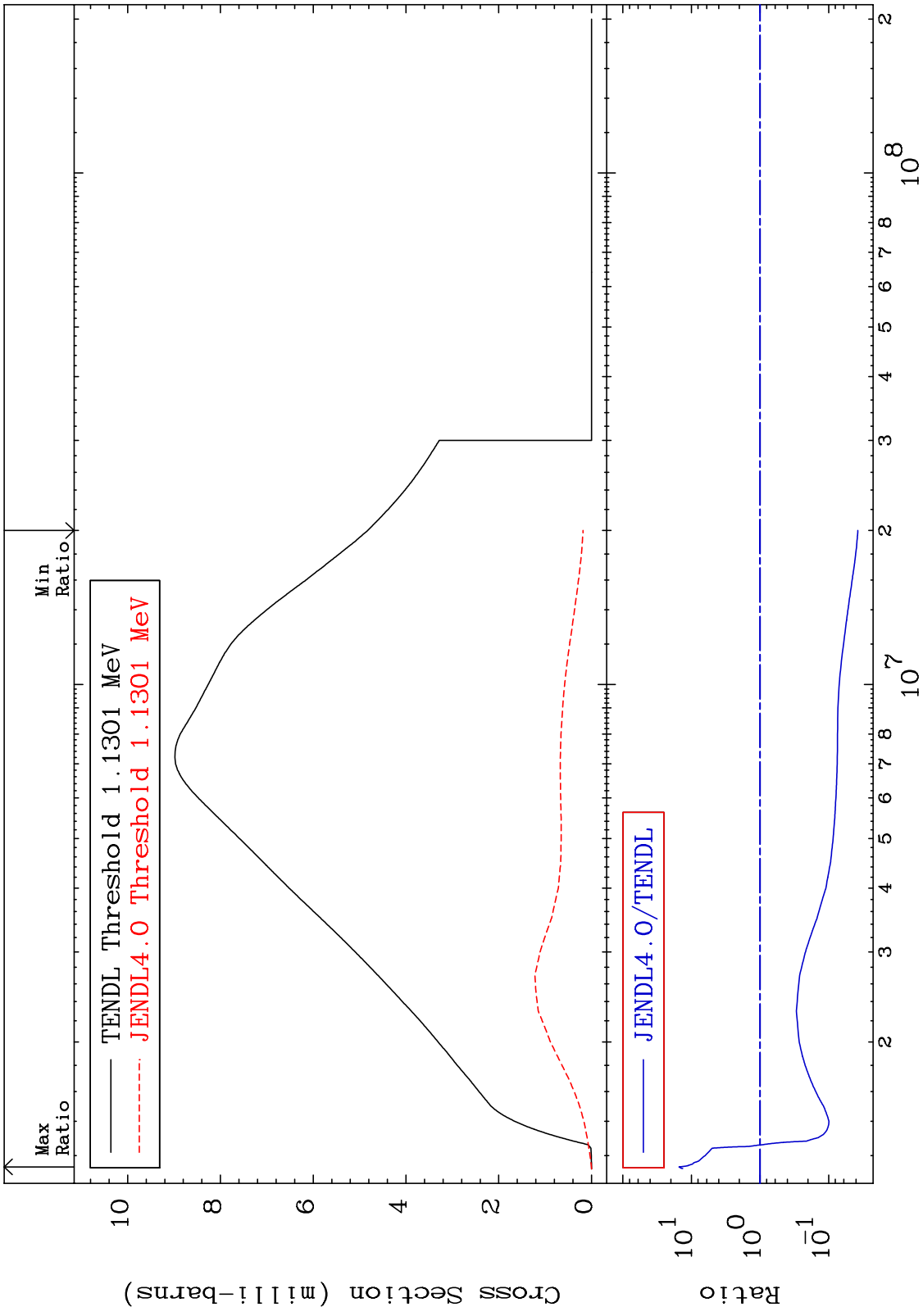
MAT 9225 MT= 71 (n,n') Level Cross Section 92-U -234
 -91.22 To -7.629%



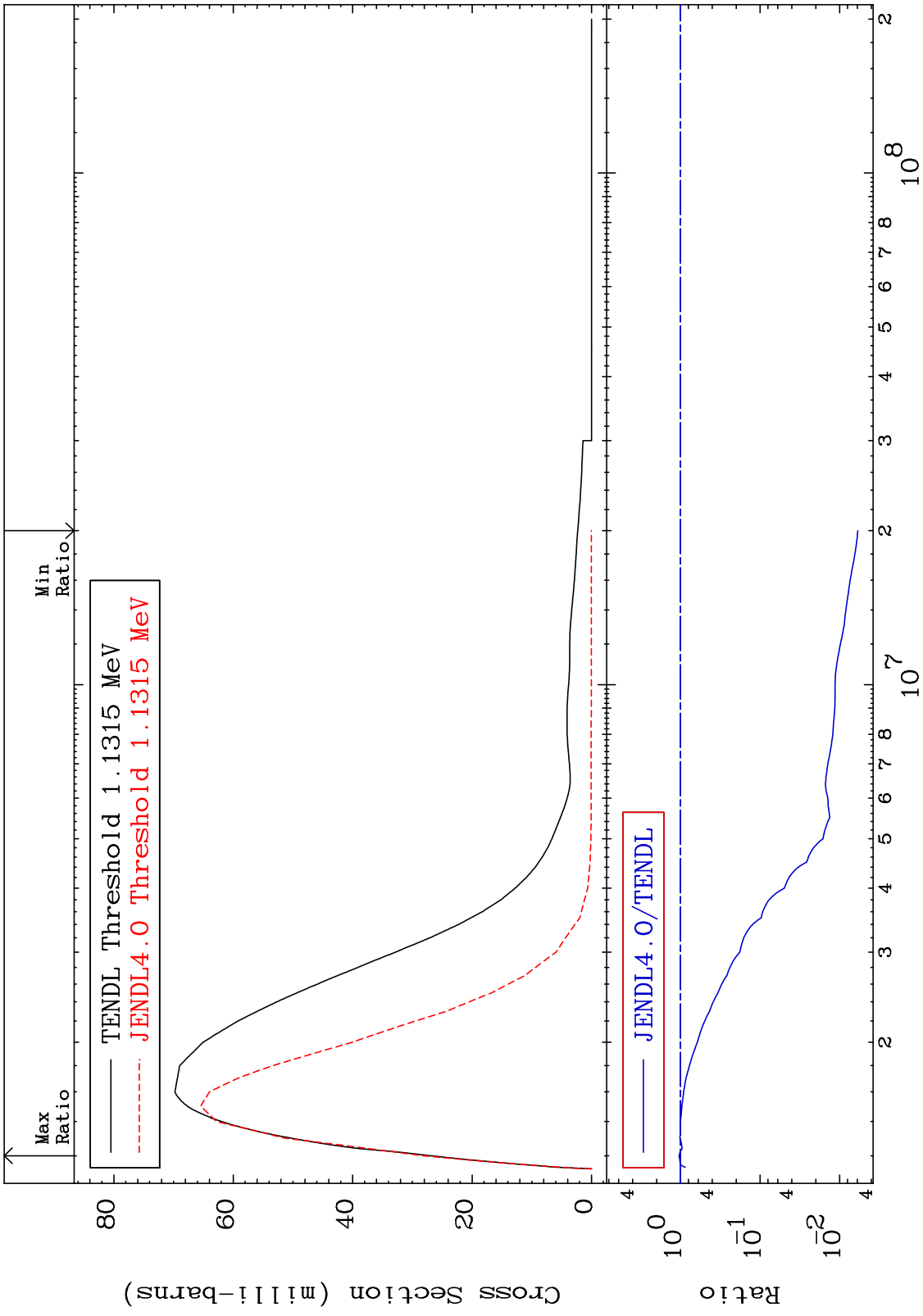
MAT 9225 MT= 72 (n,n') Level Cross Section 92-U -234
 -95.92 To 16.97 %



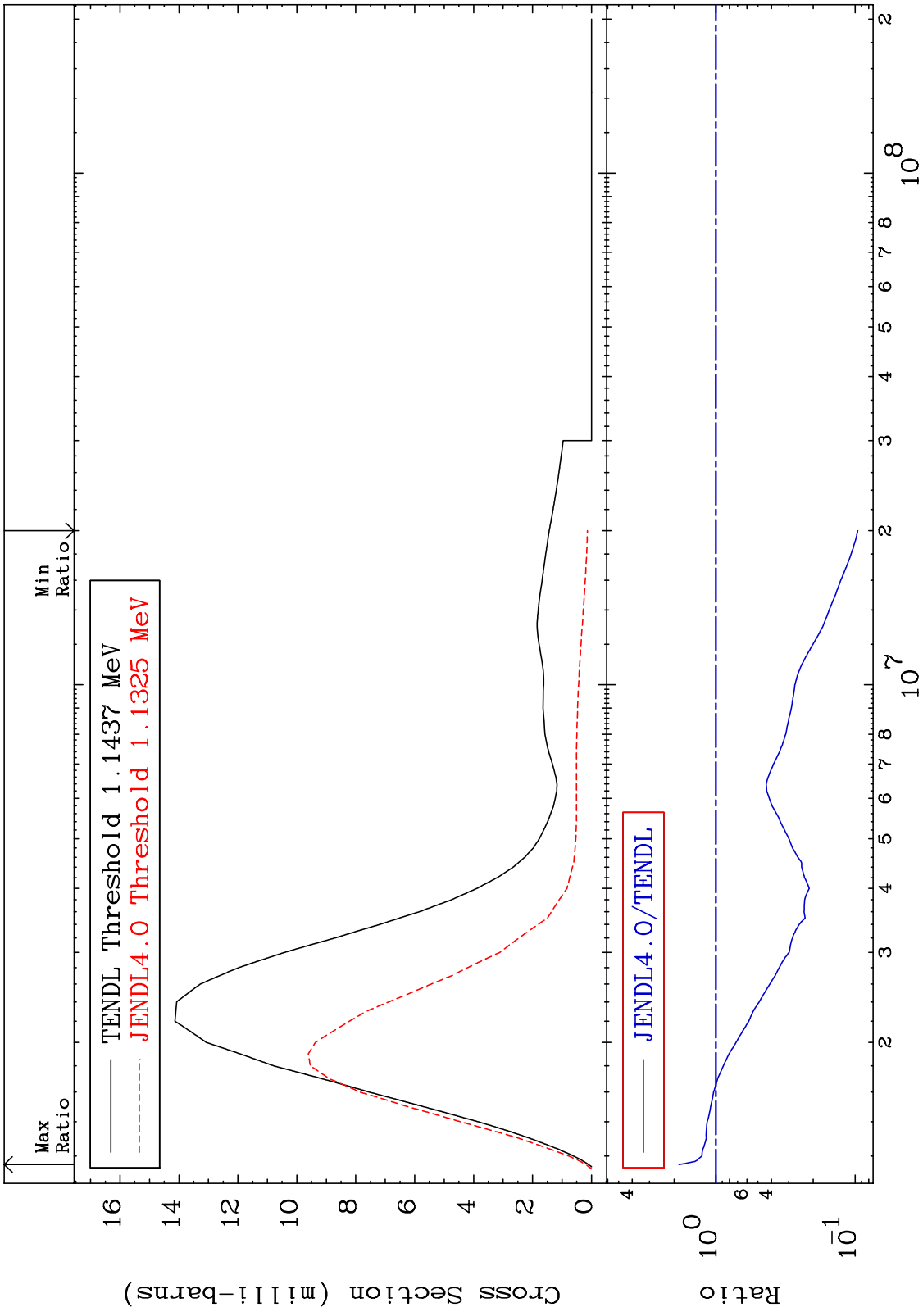
MAT 9225 MT= 73 (n,n') Level Cross Section 92-U -234
 -96.25 To 1417. %



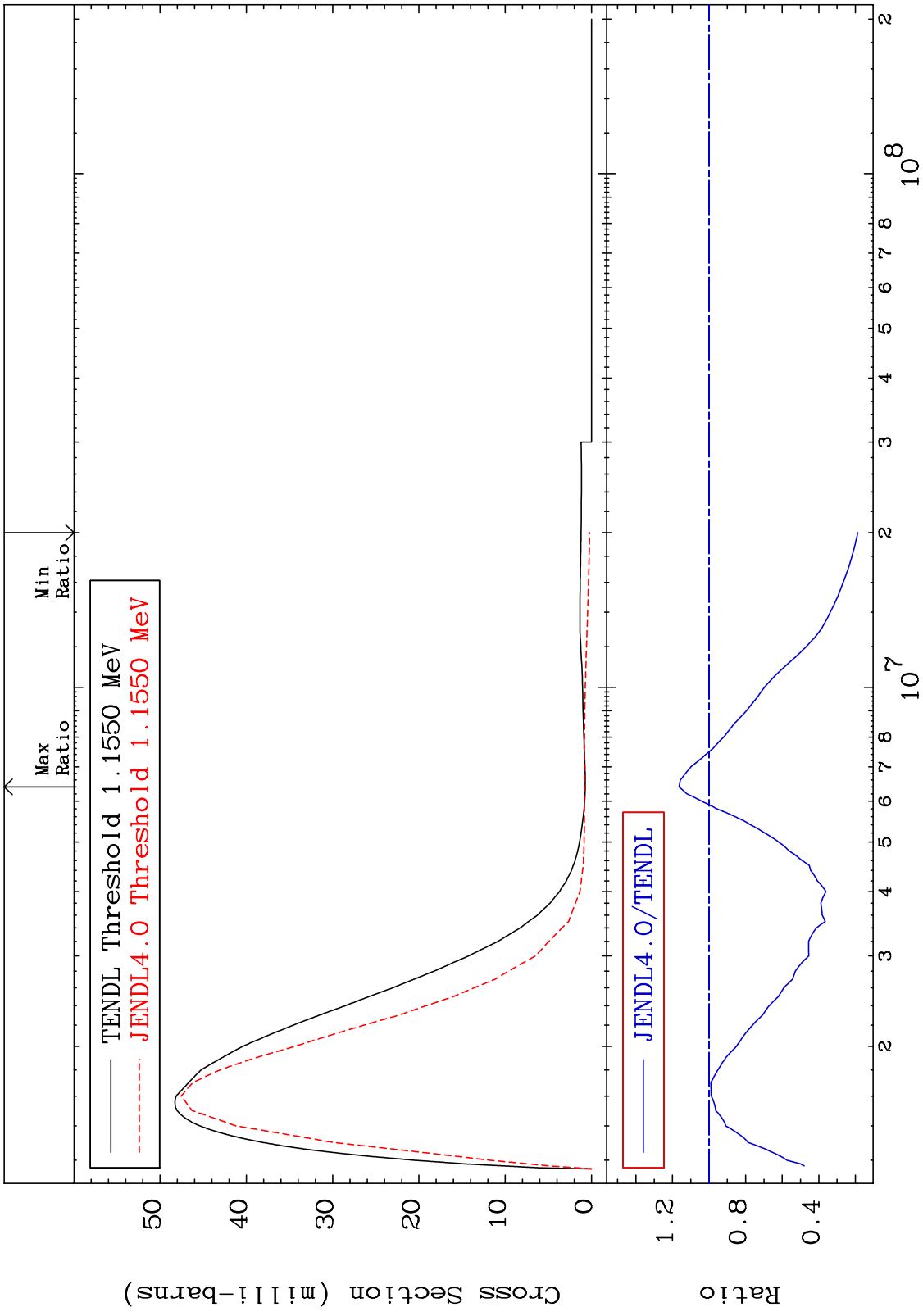
MAT 9225 MT= 74 (n,n') Level Cross Section 92-U -234
 -99.41 To 4.623 %



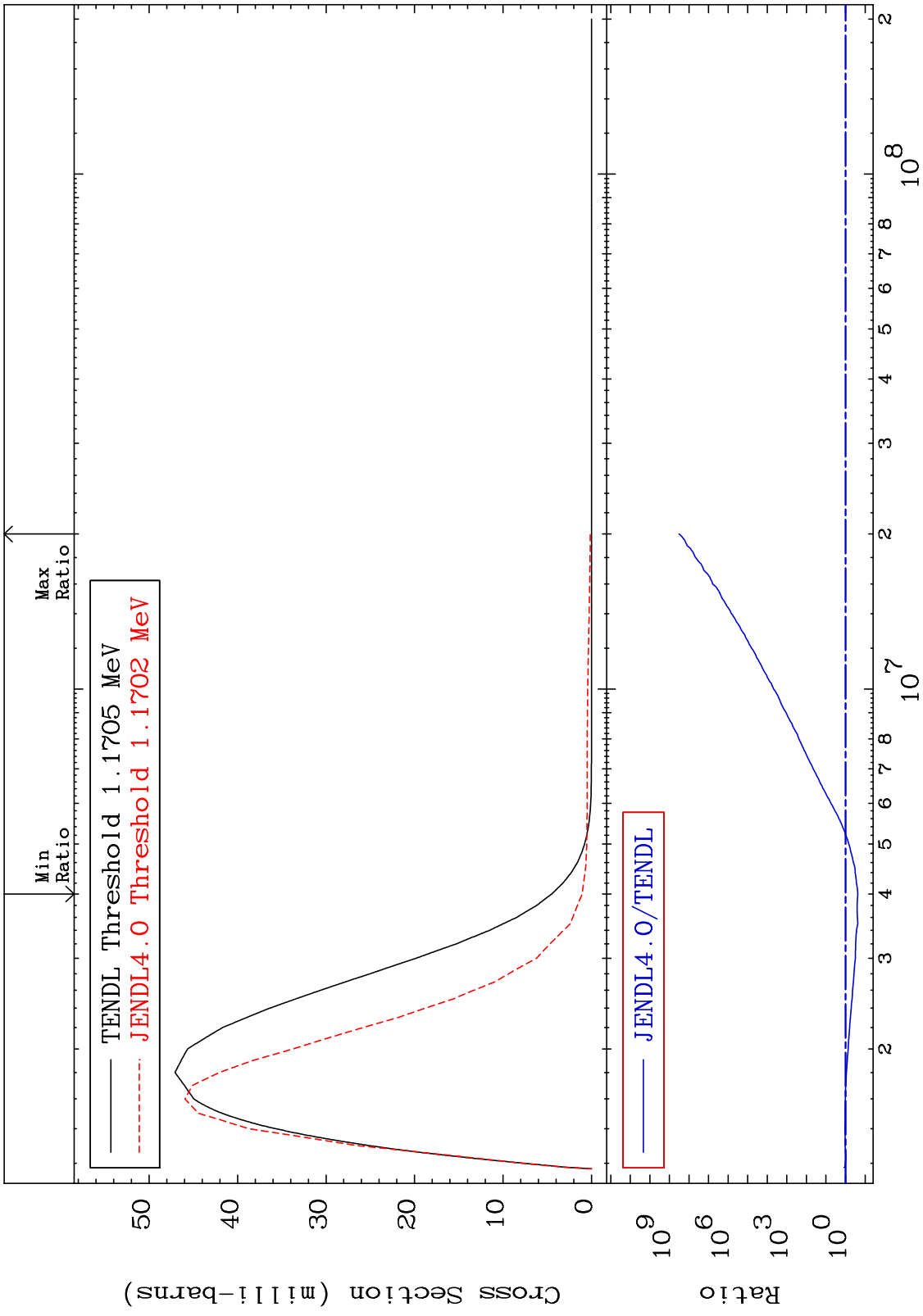
MAT 9225 MT= 75 (n,n') Level Cross Section 92-U -234 -90.43 To 84.25 %



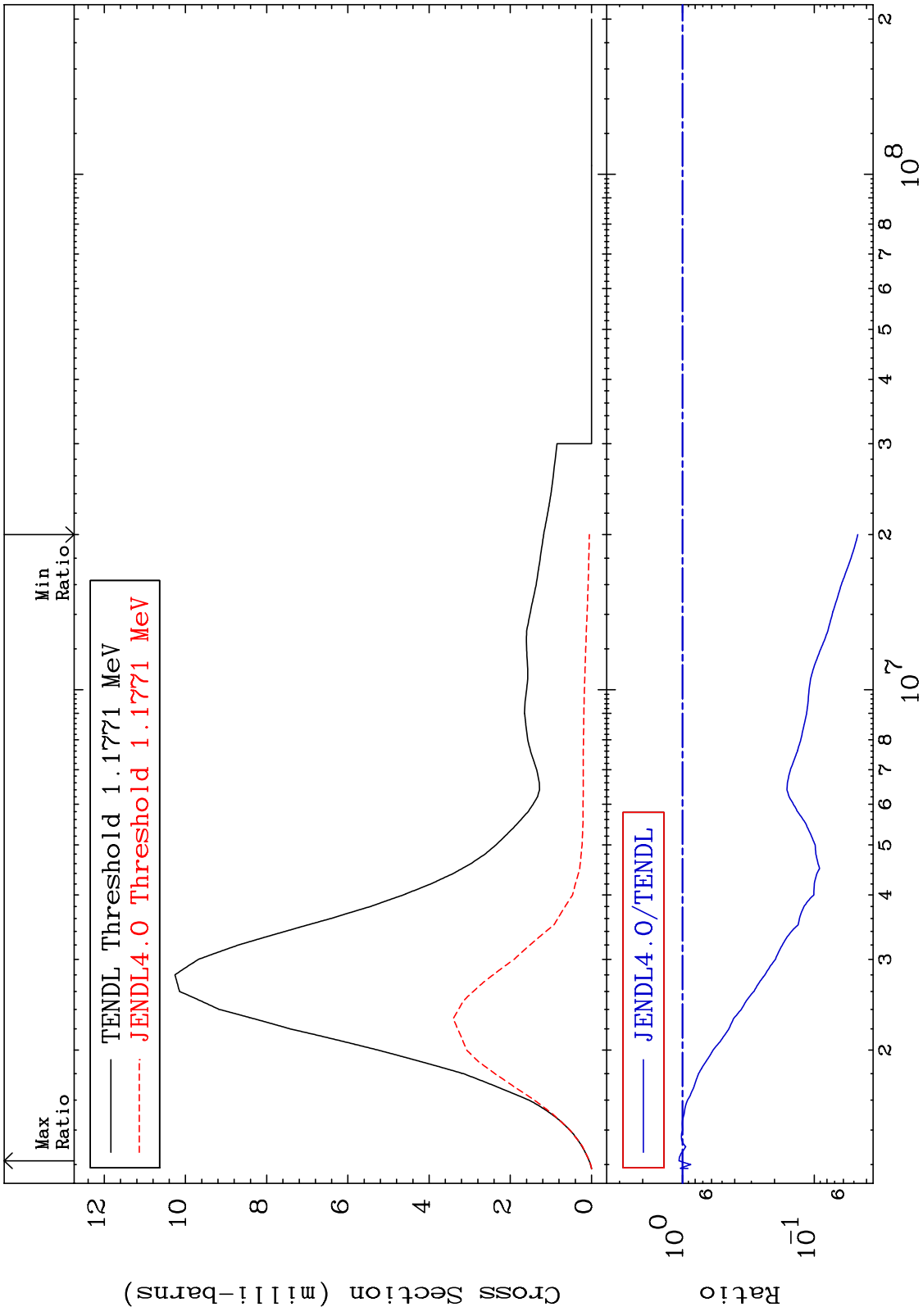
MAT 9225 MT= 76 (n,n') Level Cross Section 92-U -234
 -81.35 To 16.40 %



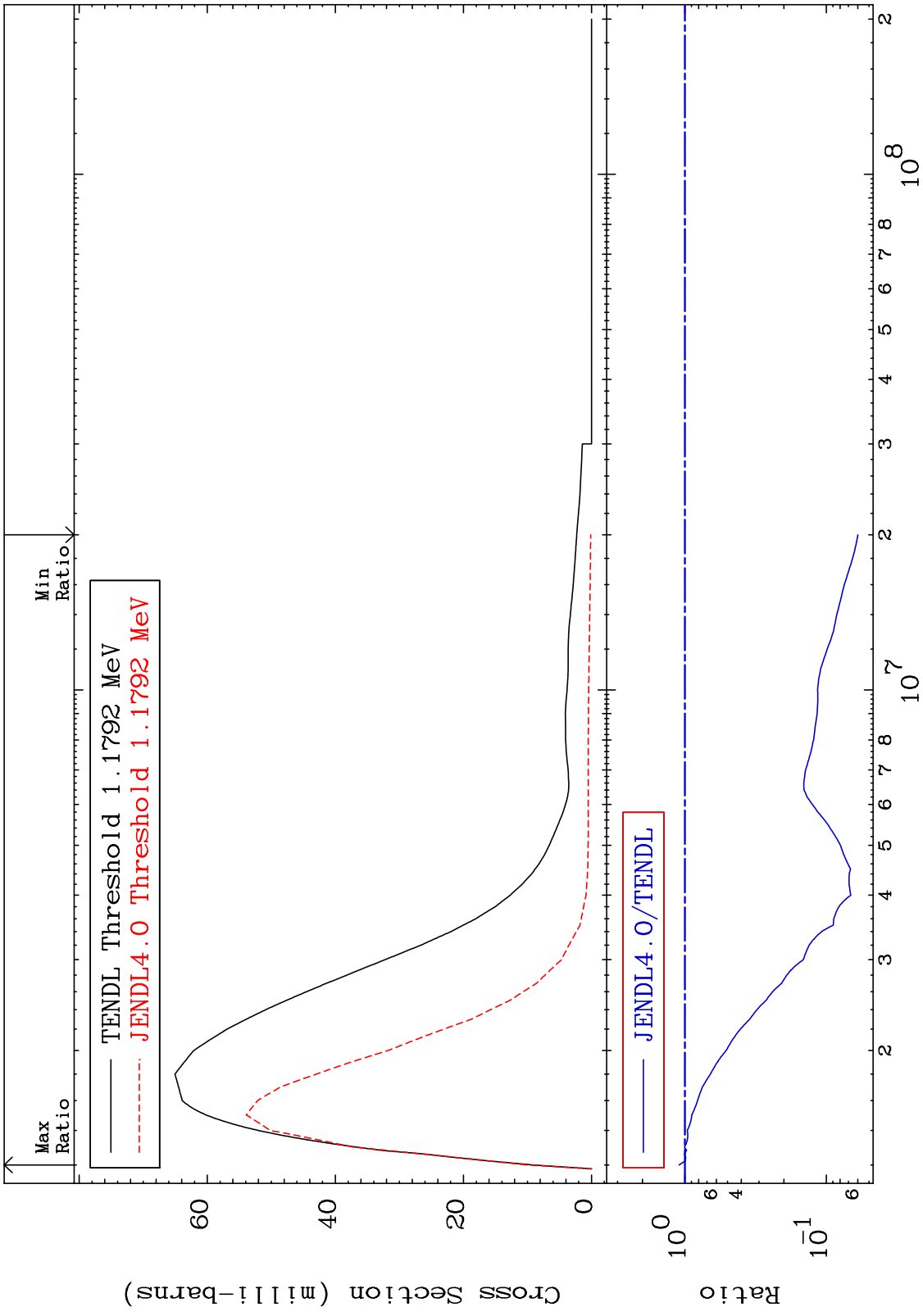
MAT 9225 MT= 77 (n,n') Level Cross Section 92-U -234
 -76.44 To 9999. %



MAT 9225 MT= 78 (n,n') Level Cross Section 92-U -234
 -95.34 To 5.991 %



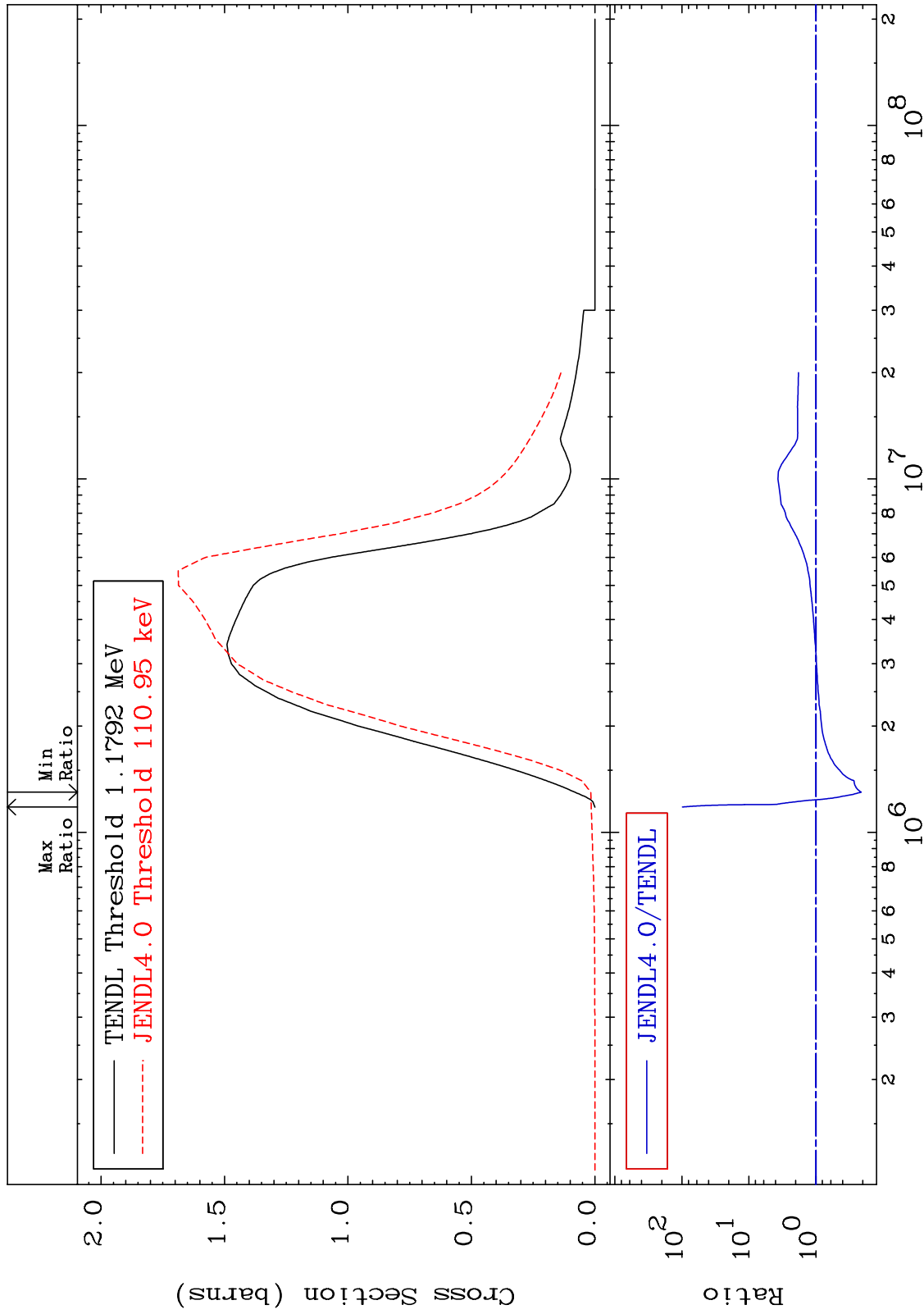
MAT 9225 MT= 79 (n,n') Level Cross Section 92-U -234
 -94.00 To 10.13 %



MAT 9225

(n, n') Continuum
Cross Section

92-U -234
-78.98 To 9714. %



40

92-U -234

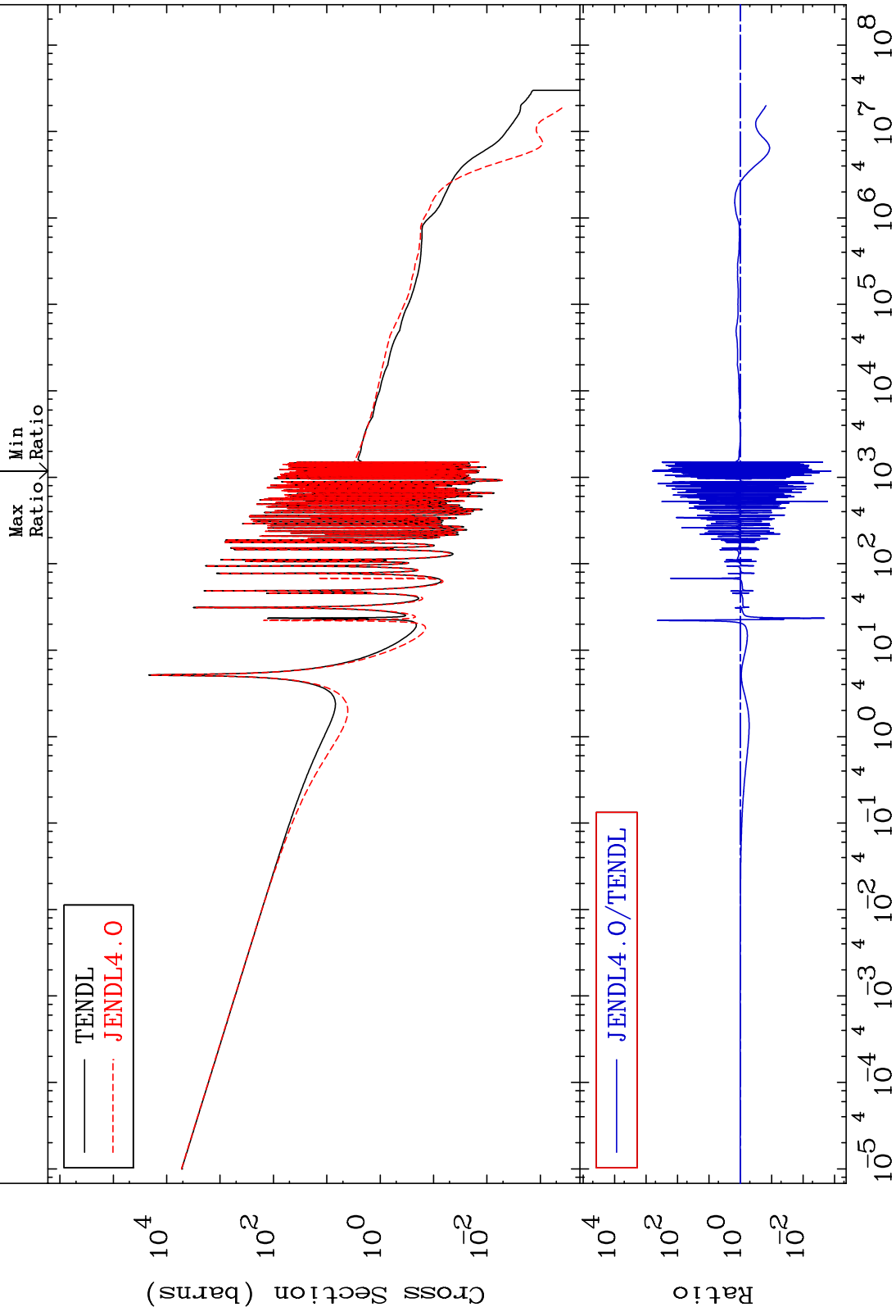
MAT 9225

(n, γ)

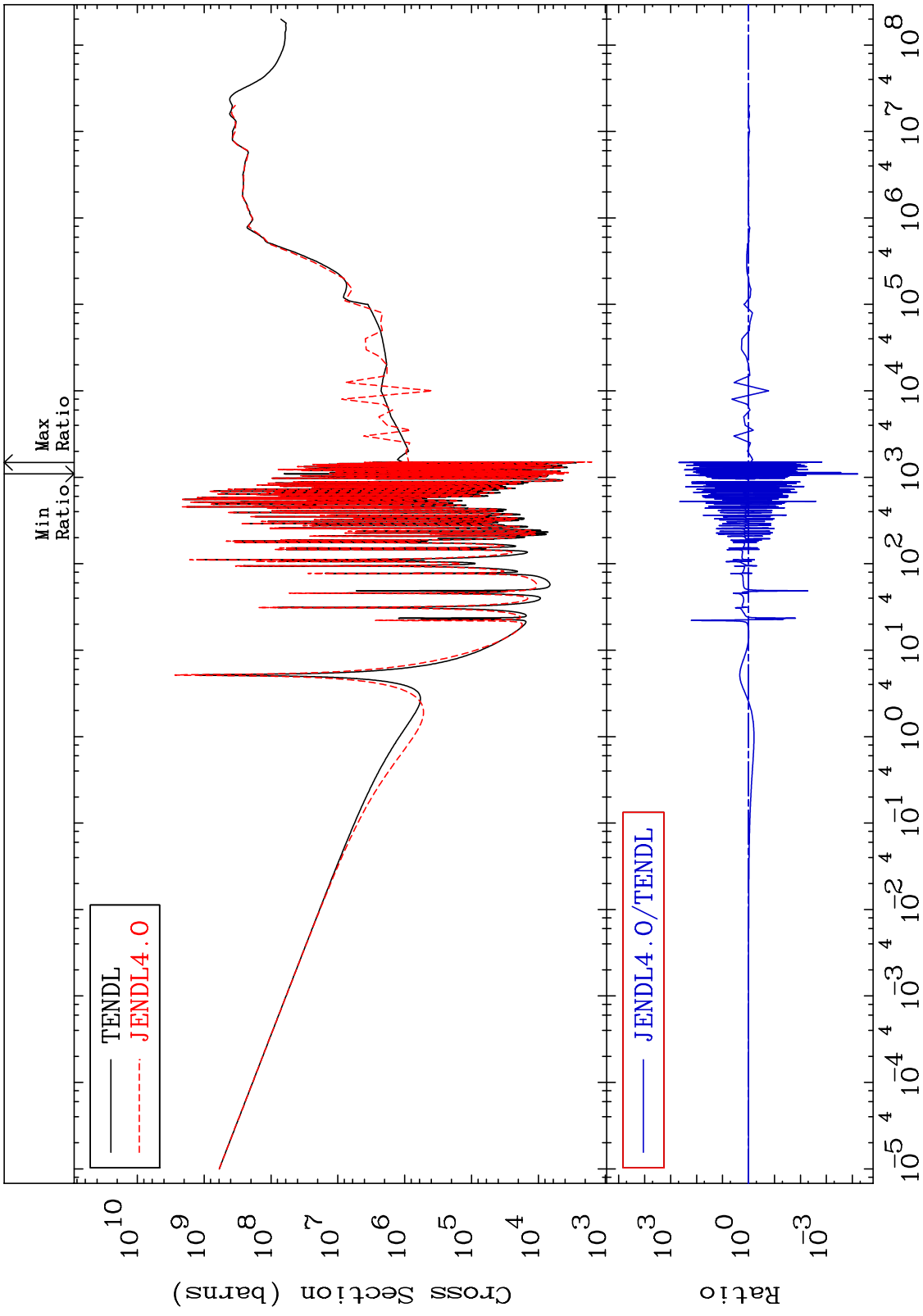
92-U -234

-99.87 To 9999. %

Cross Section



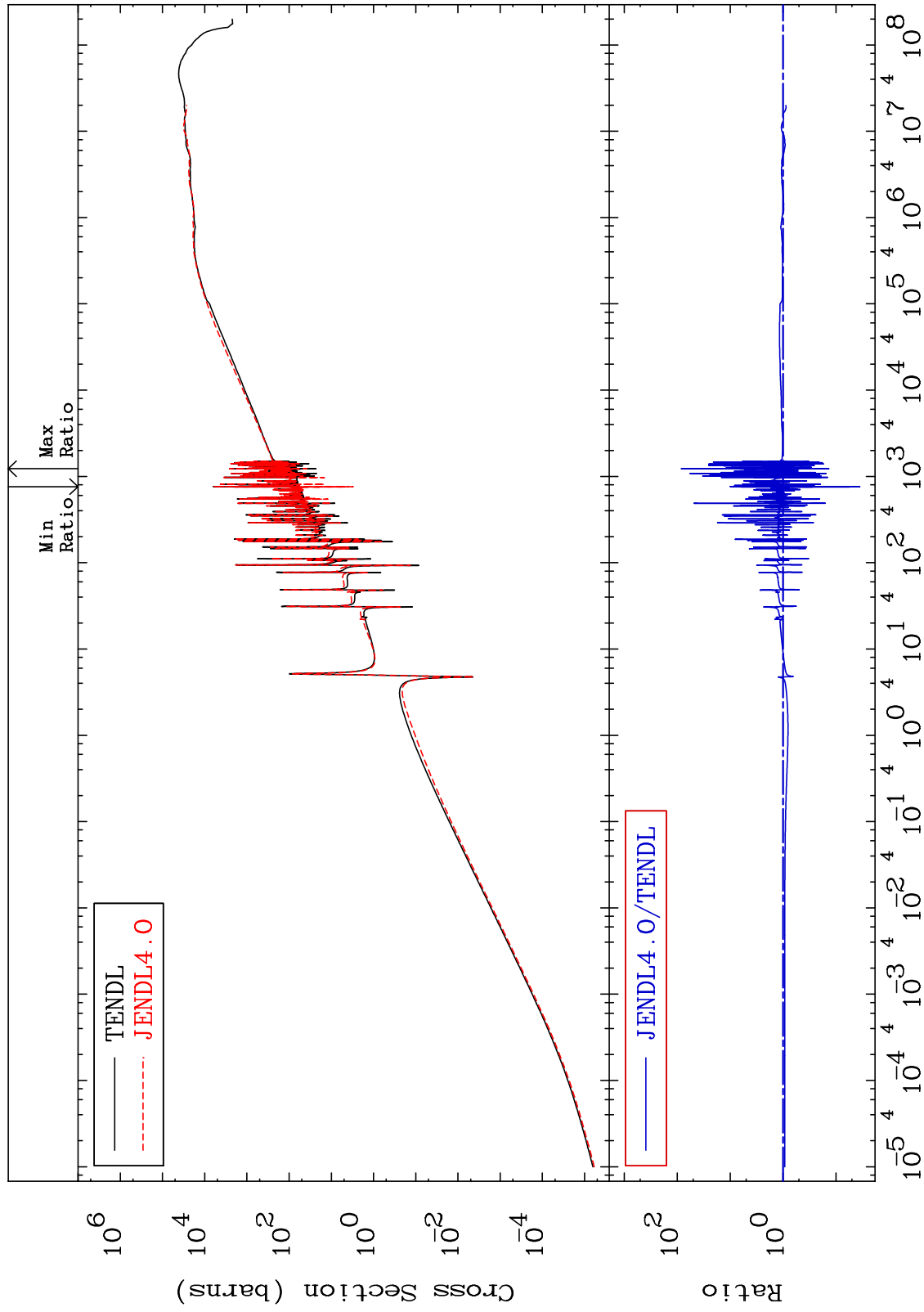
MAT 9225 Kerma total (eV-barns) 92-U -234
 Cross Section -99.99 To 9999. %



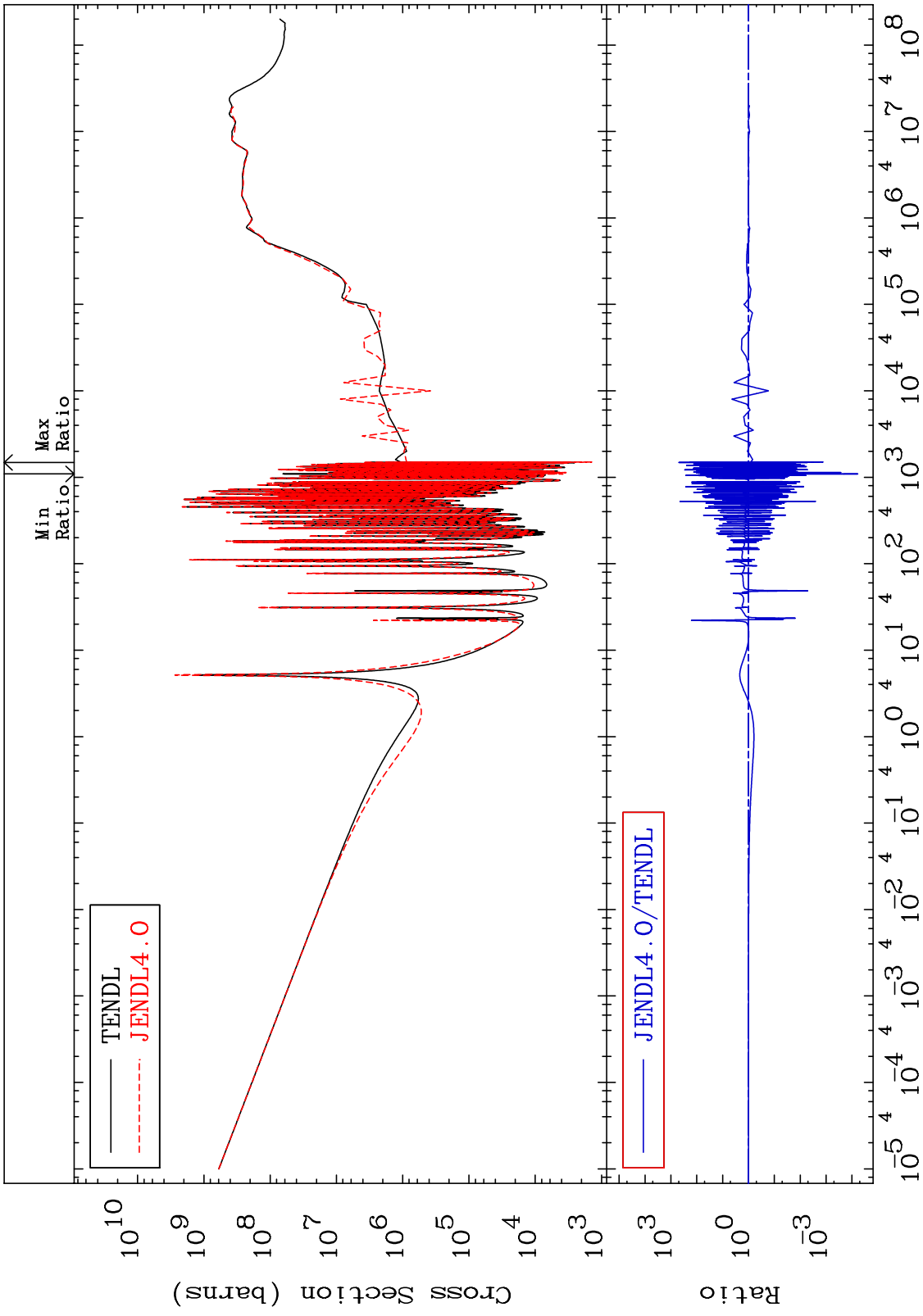
MAT 9225

Kerma elastic
Cross Section

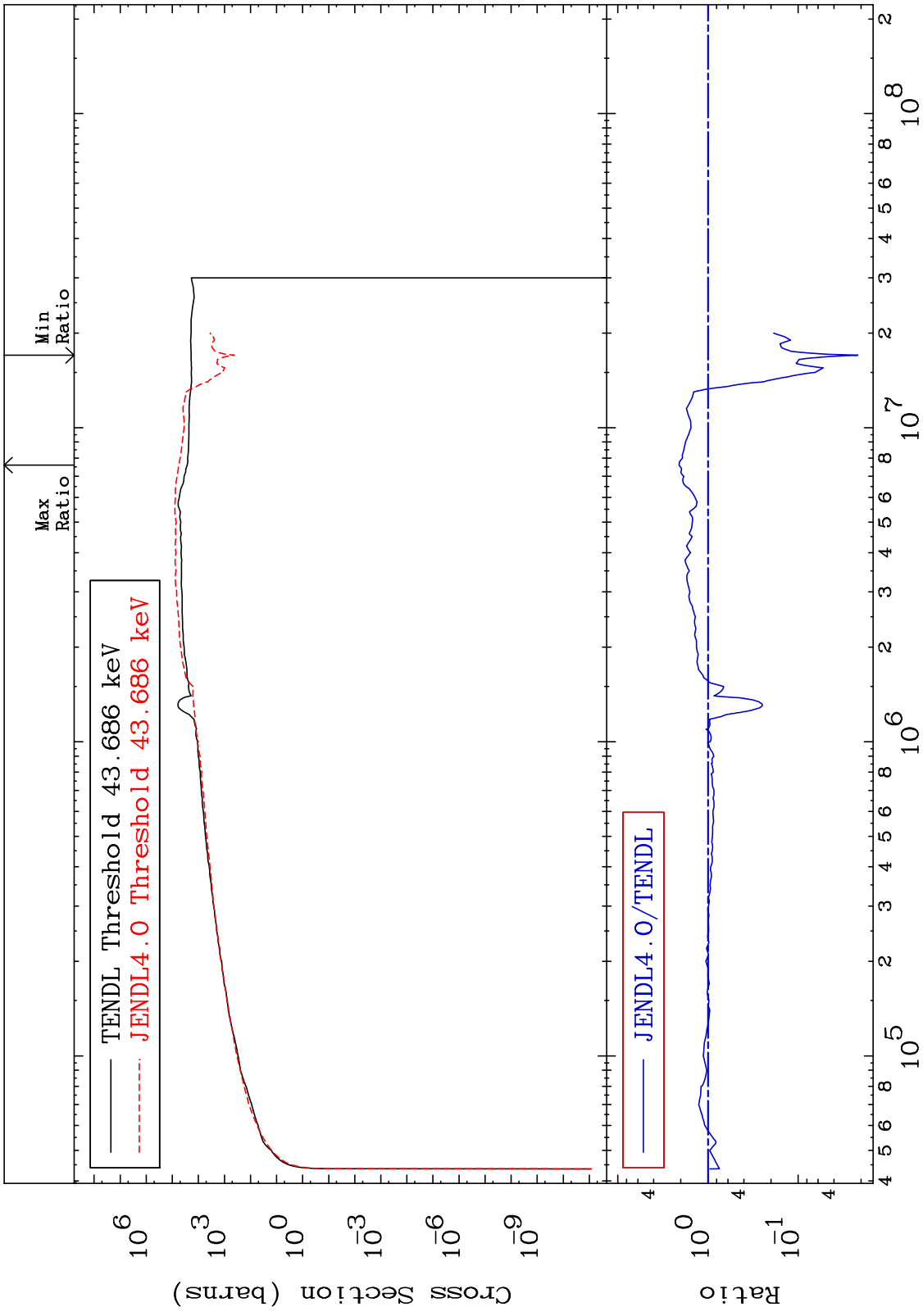
92-U -234
-96.45 To 8232. %



MAT 9225 Kerma non-elastic (all but mt2) 92-U -234
 Cross Section -99.99 To 9999. %



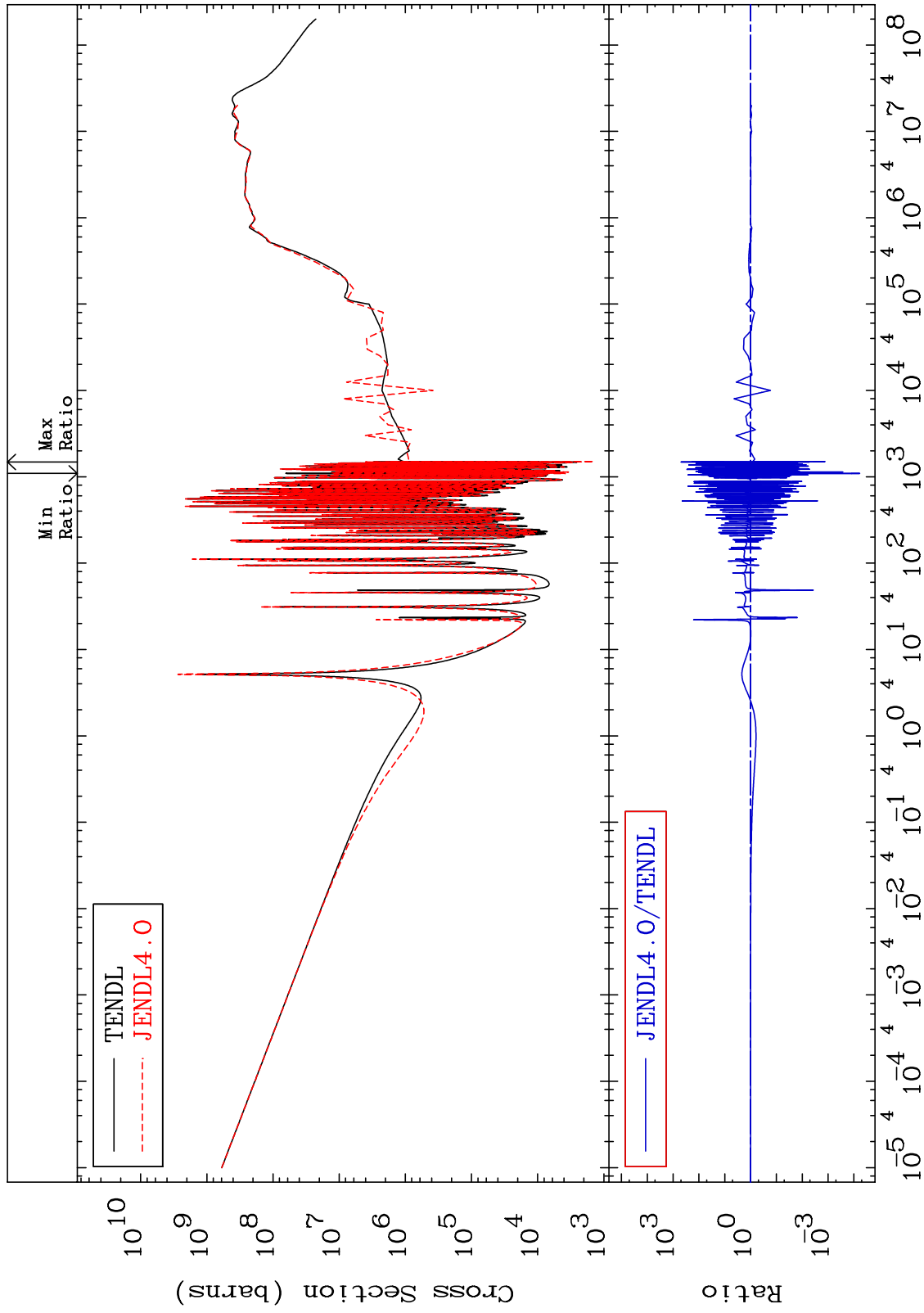
MAT 9225 Kerma inelastic (mt51-91) 92-U -234
 -97.82 To 109.2 %



MAT 9225

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

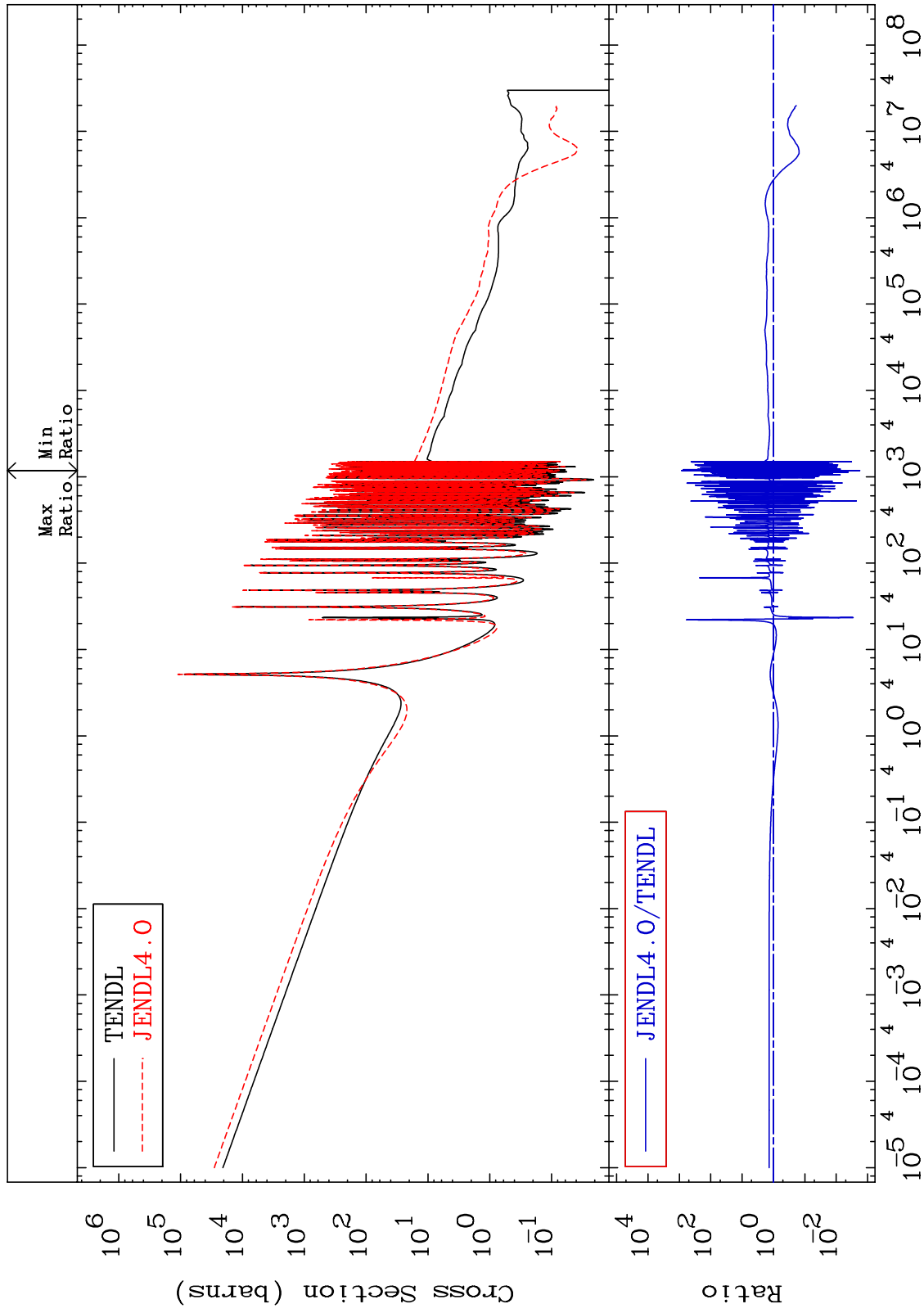
92-U -234
-99.99 To 9999. %



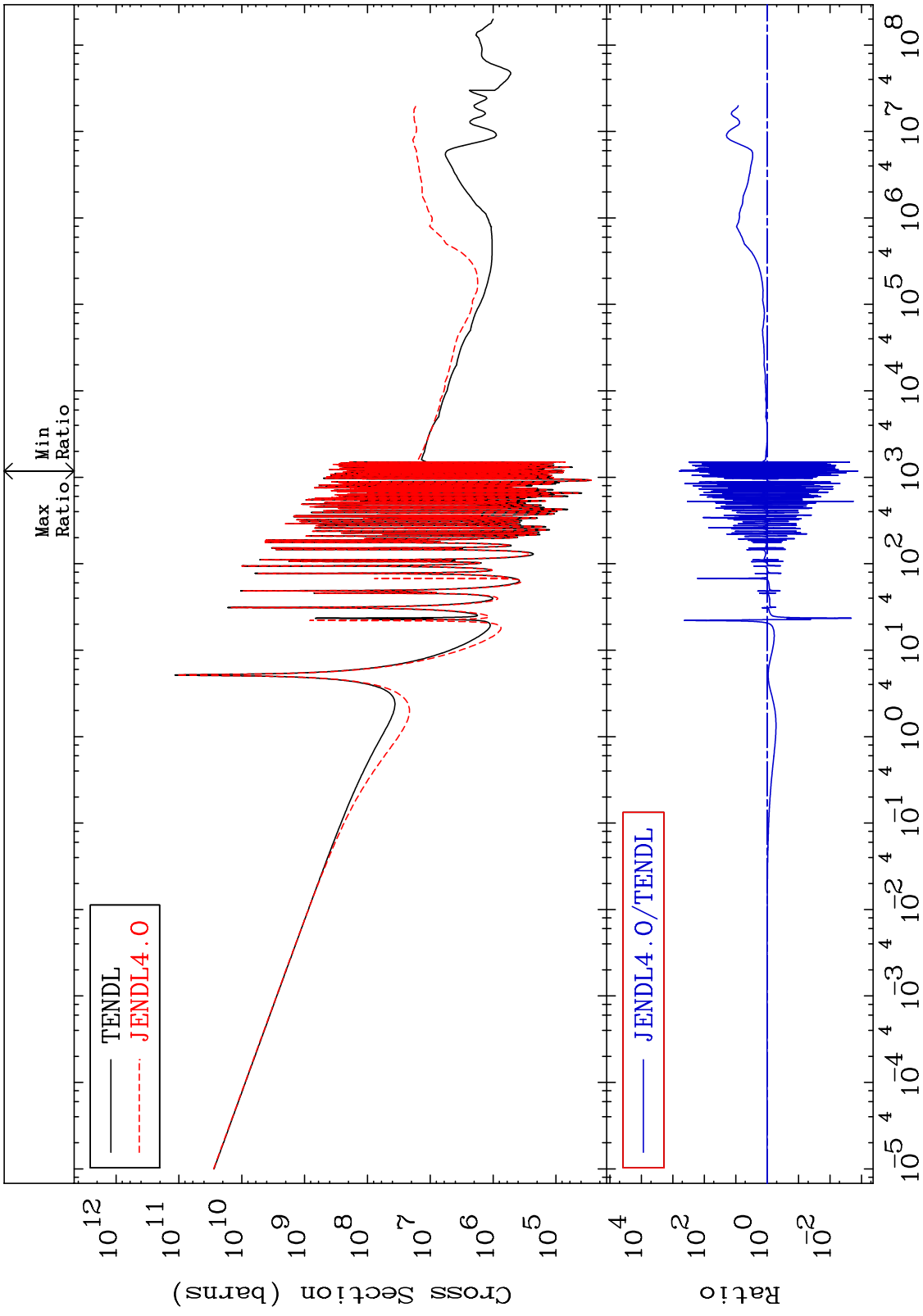
MAT 9225

Kerma capture (mt102)
Cross Section

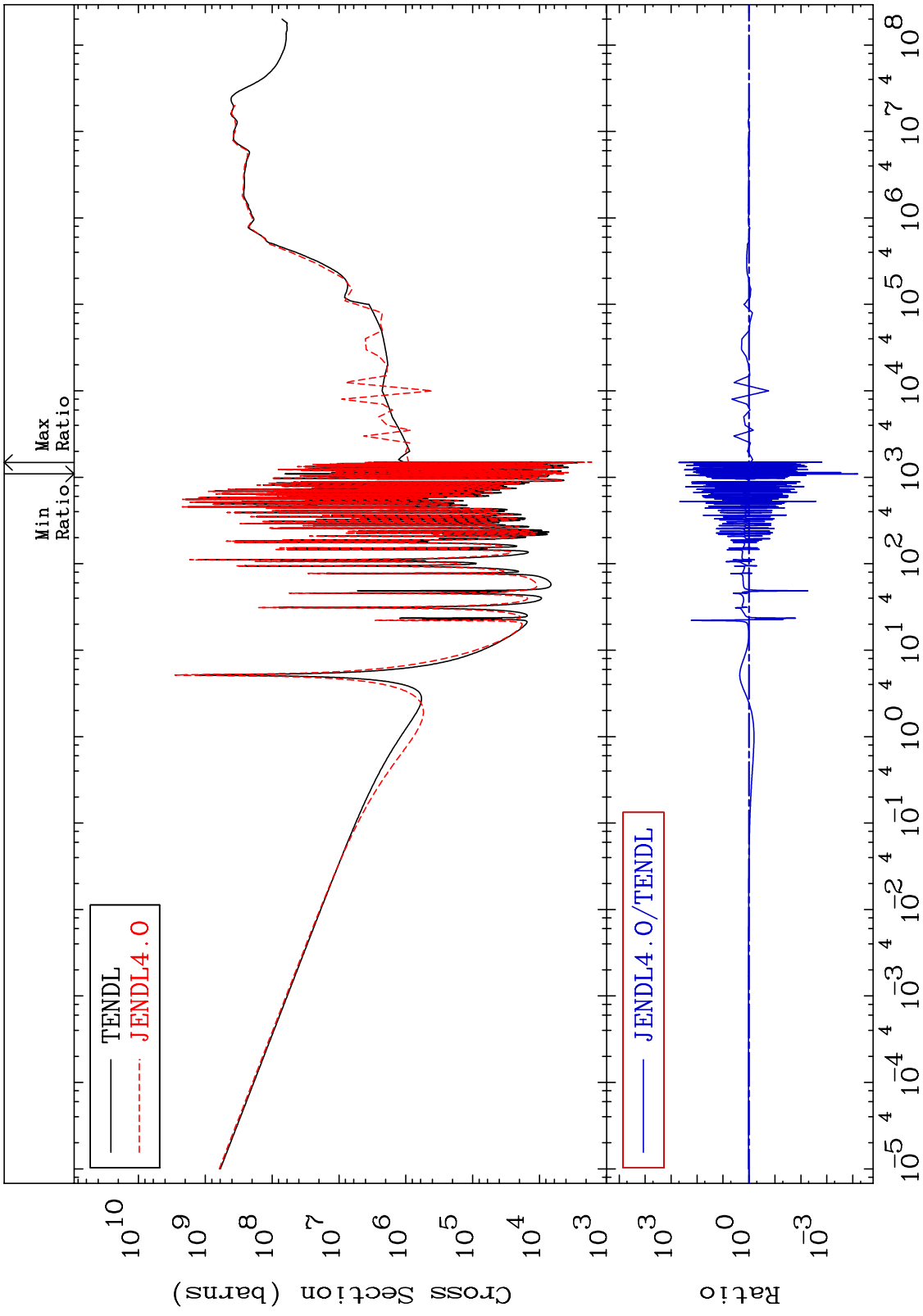
92-U -234
-99.82 To 9999. %



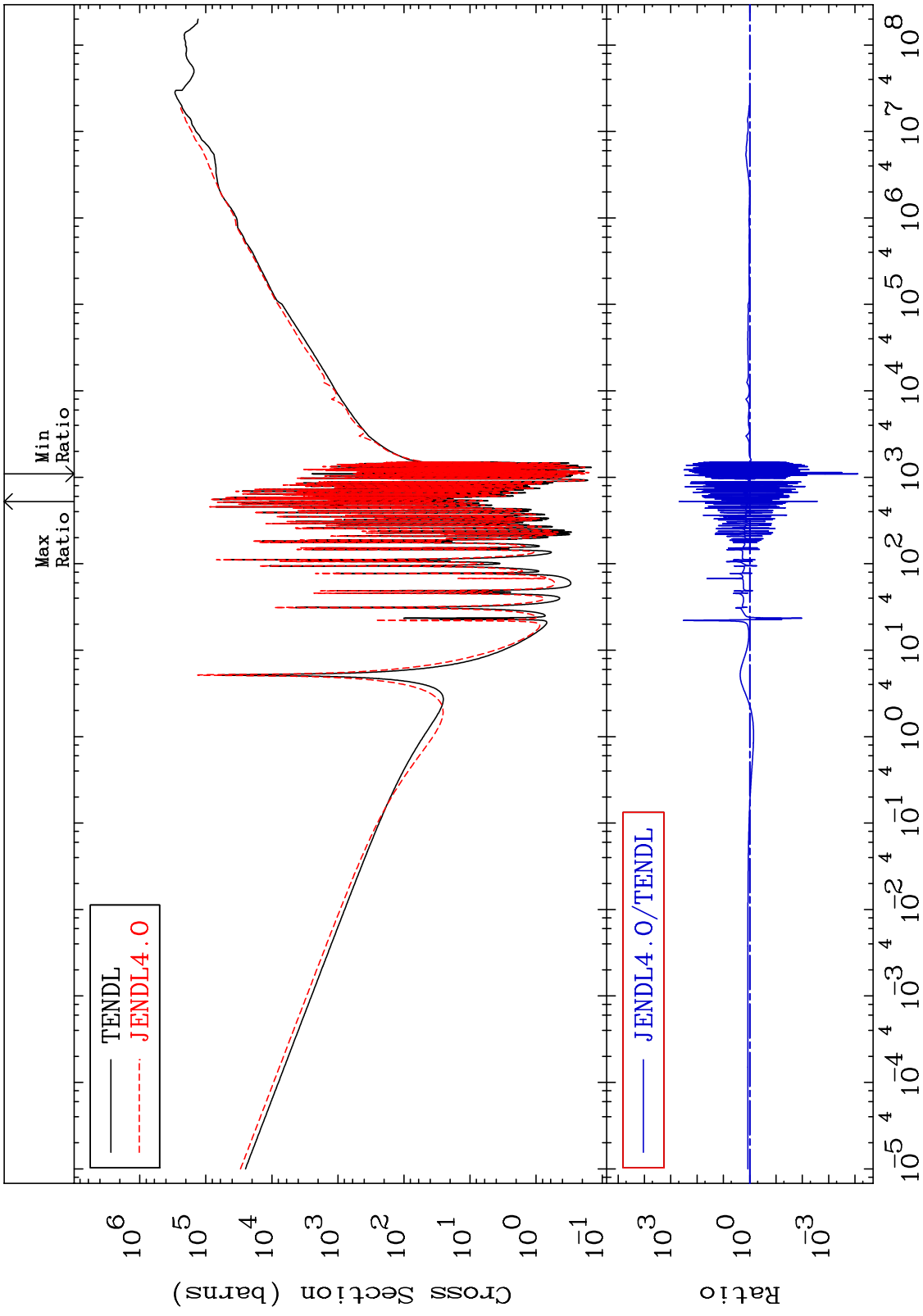
MAT 9225 Total photon (eV-barns) Cross Section 92-U -234
-99.87 To 9999. %



MAT 9225 Total kinematic kerma (high limit) 92-U -234
 Cross Section -99.99 To 9999. %



MAT 9225 Dpa total (eV-barns) 92-U -234
 Cross Section -99.99 To 9999. %

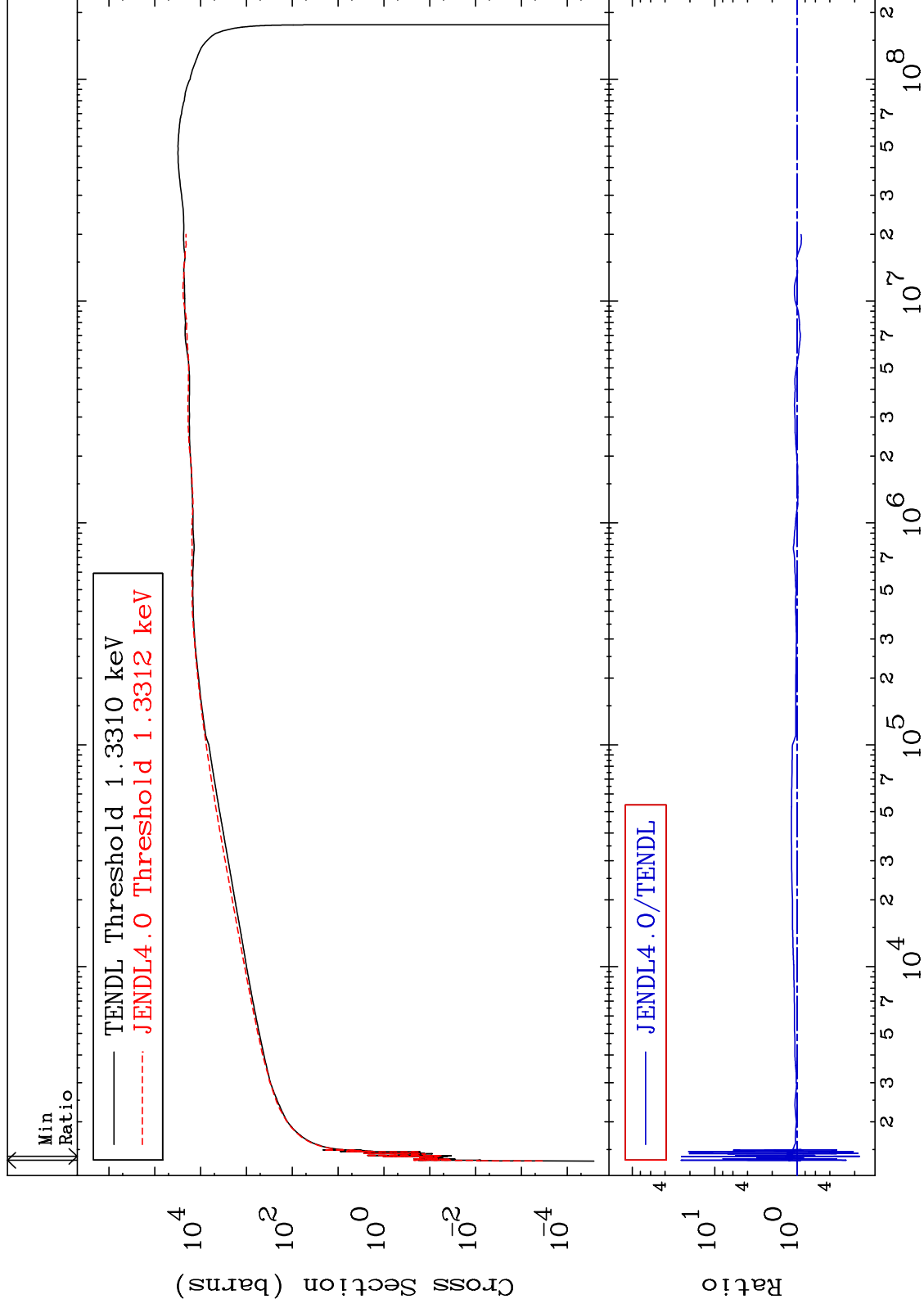


Incident Energy (eV) 92-U -234

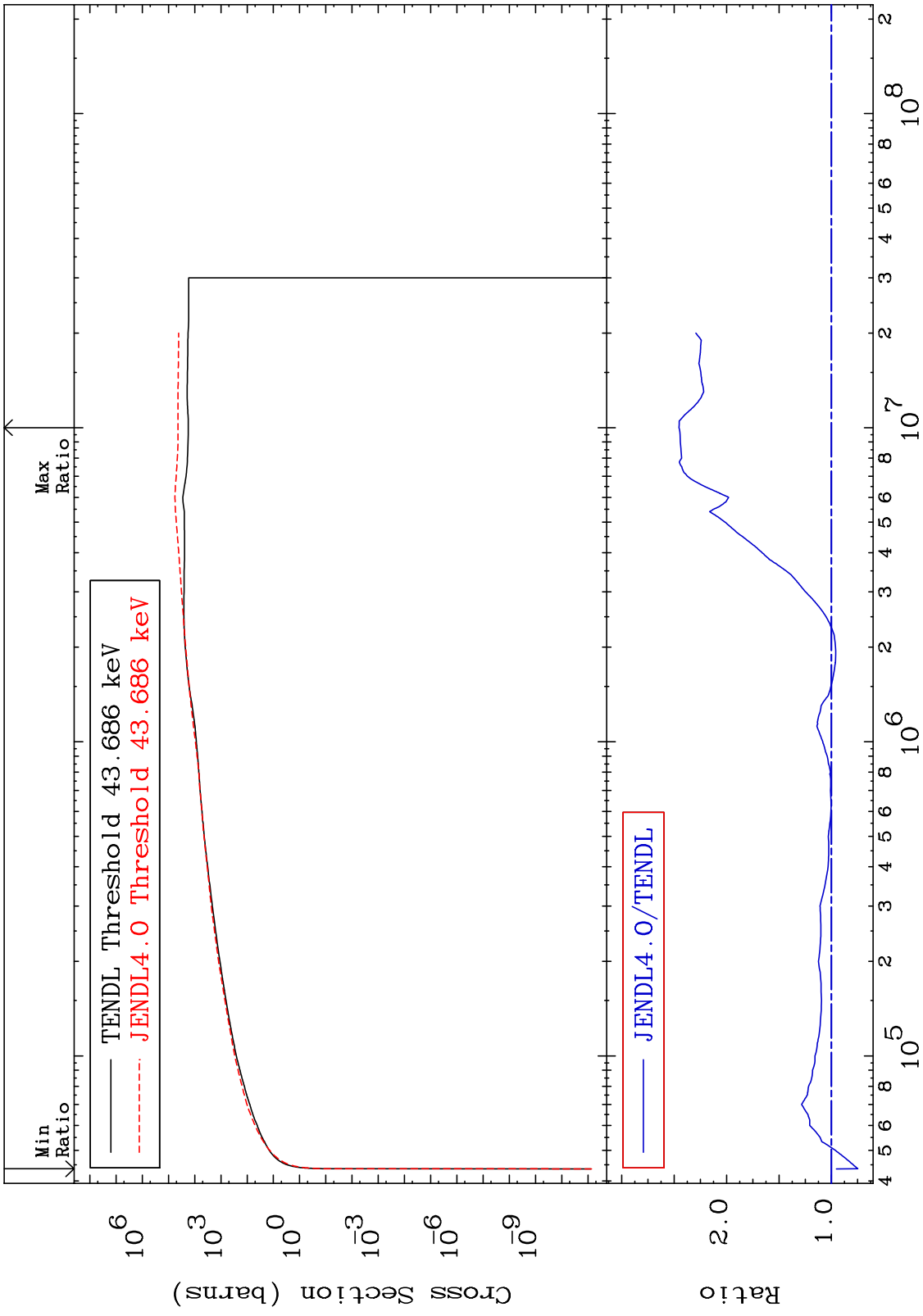
MAT 9225

Dpa elastic (mt2)
Cross Section

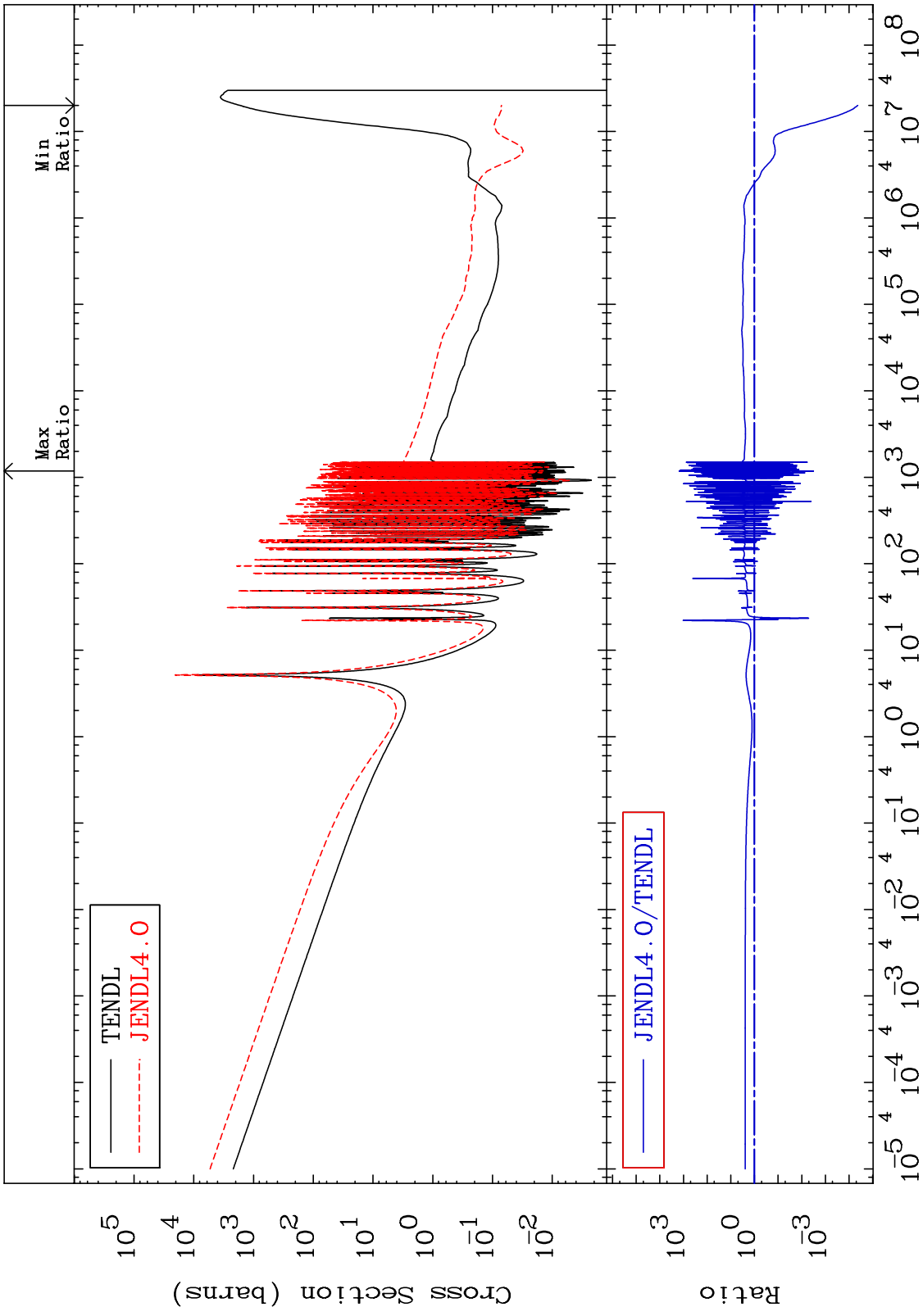
92-U -234
-82.65 To 2446. %



MAT 9225 Dpa inelastic (mt51-91) 92-U -234
 Cross Section -25.17 To 145.3 %



MAT 9225 Dpa disappearance (mt102 -120) 92-U -234
 Cross Section -100.0 To 9999. %



MAT 9225 Dpa disappearance (mt102 -120) 92-U -234
 Cross Section -99.96 To 7231. %

