

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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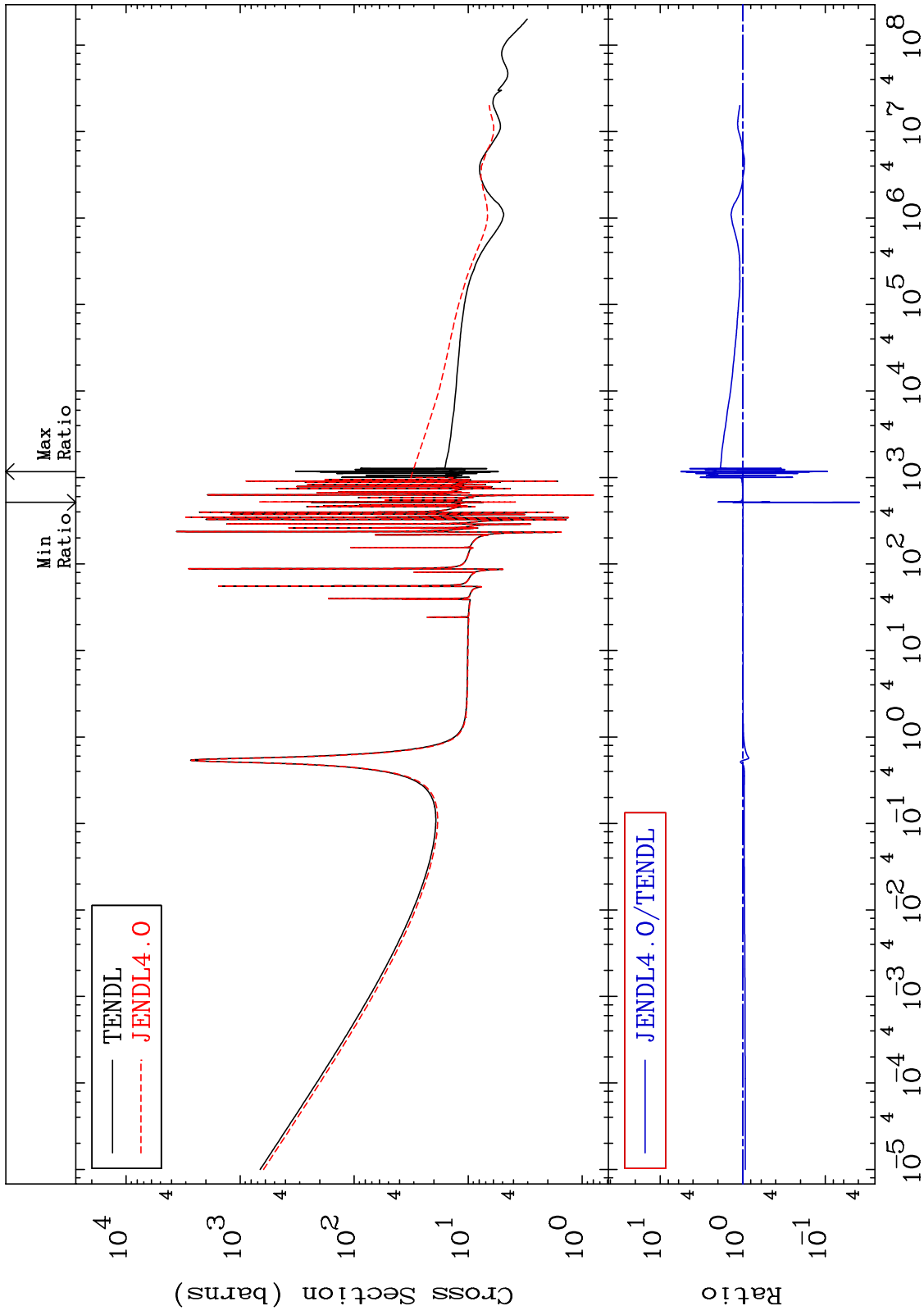
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8834

Total
Cross Section

88-Ra-226
-96.15 To 462.4 %



1

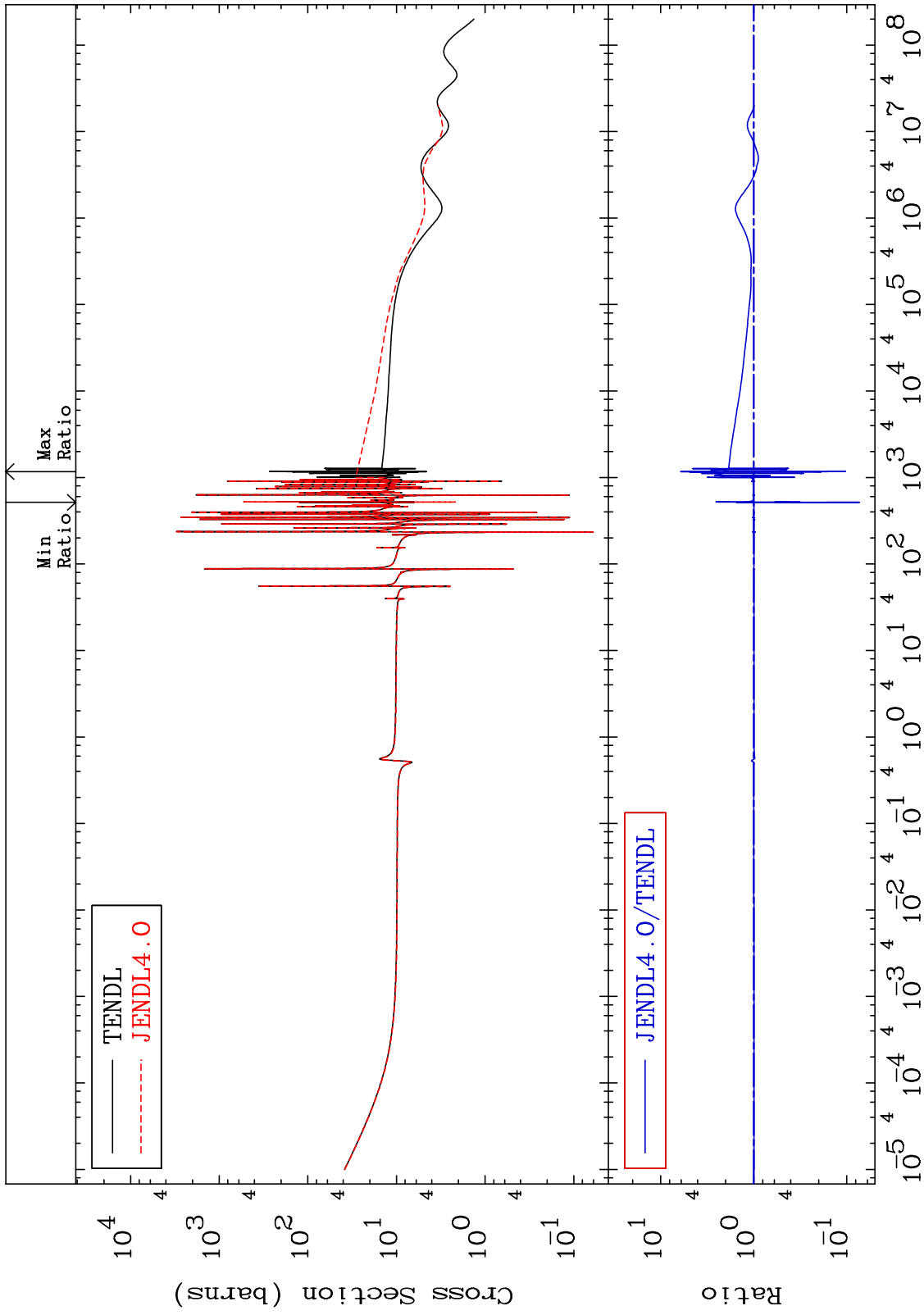
Incident Energy (eV)

88-Ra-226

MAT 8834

Elastic
Cross Section

88-Ra-226
-92.73 To 506.5 %



2

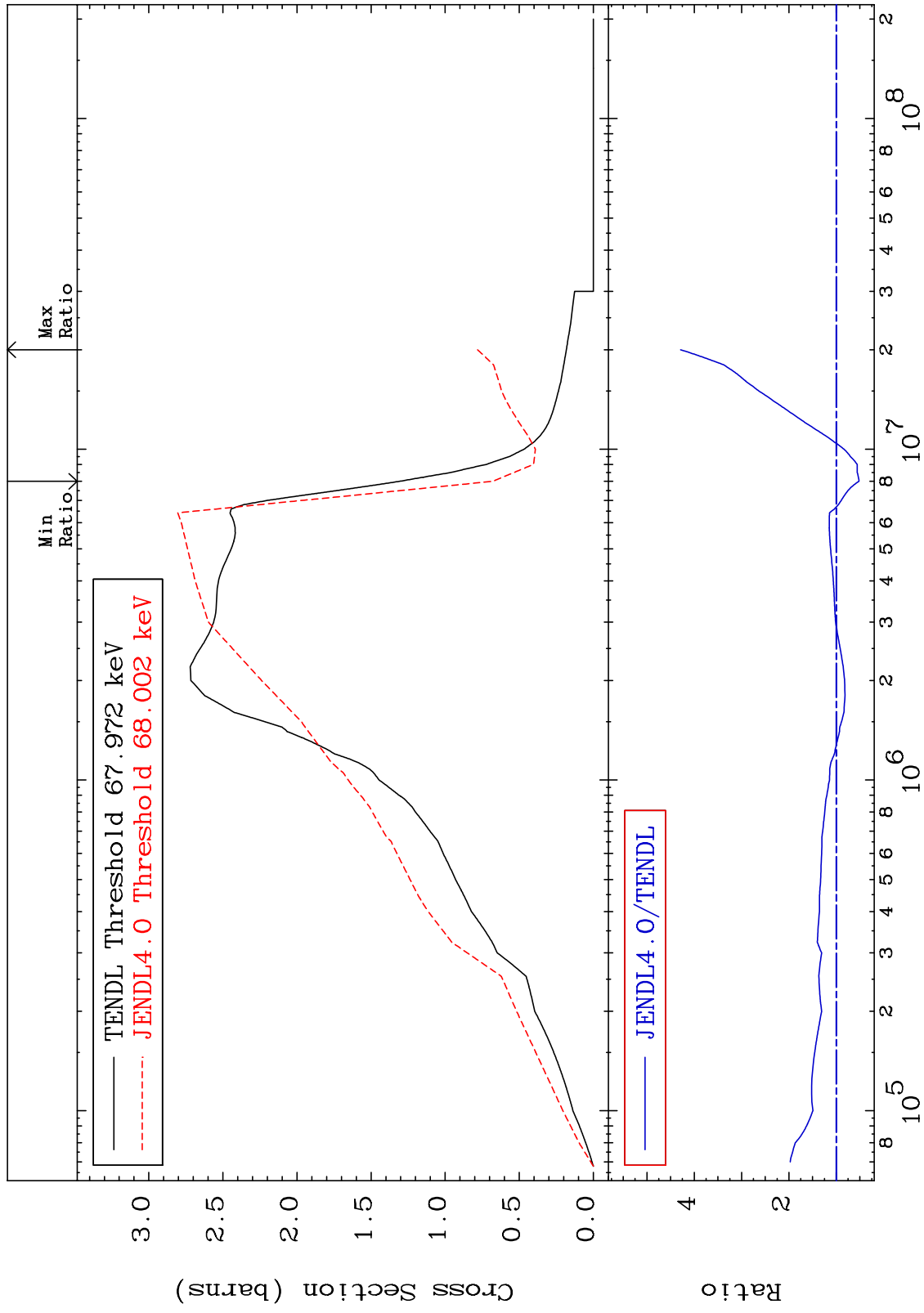
Incident Energy (eV)

88-Ra-226

MAT 8834

Inelastic
Cross Section

88-Ra-226
-48.05 To 328.8 %

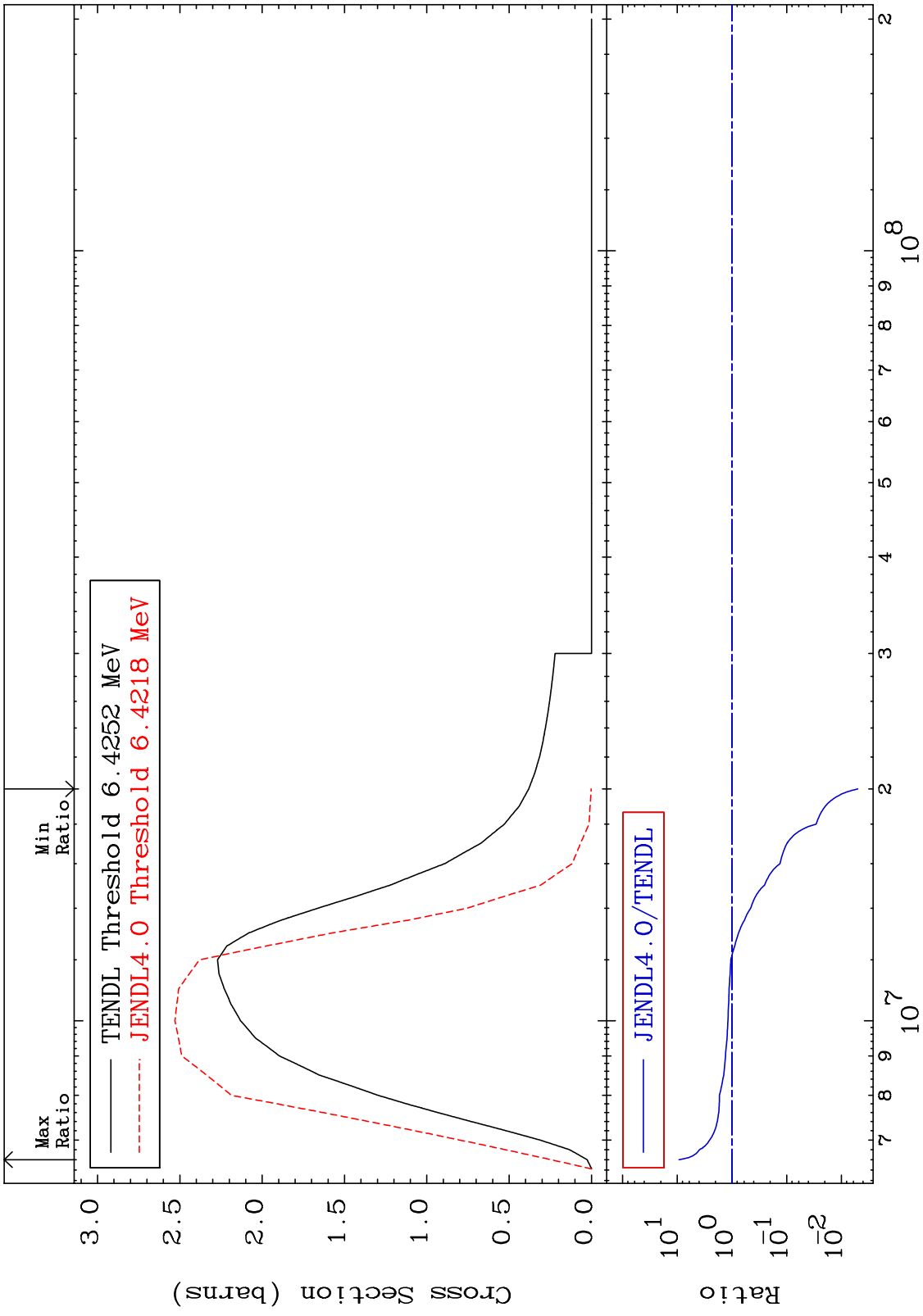


3

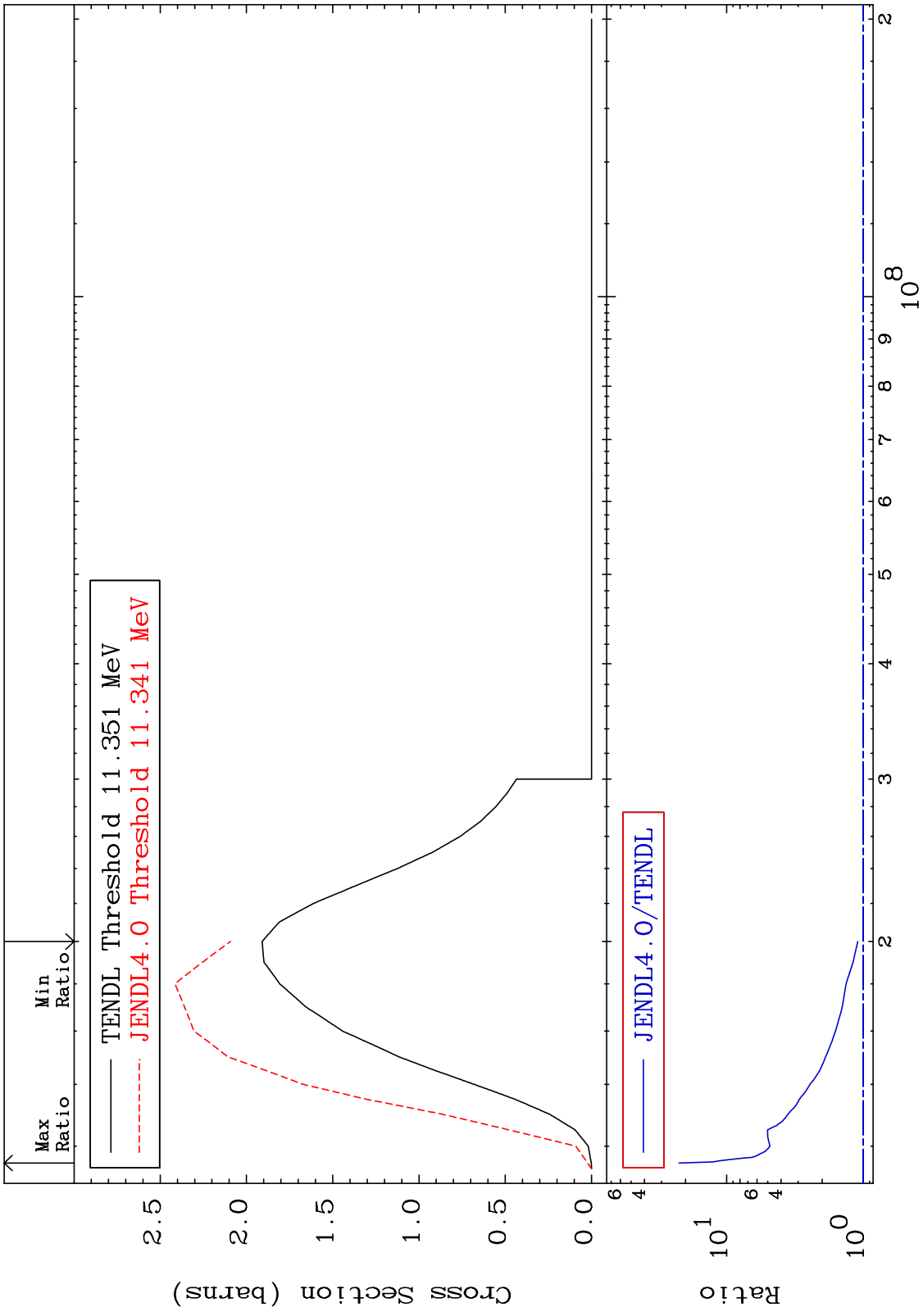
Incident Energy (eV)

88-Ra-226

MAT 8834 (n,2n) Cross Section 88-Ra-226 -99.50 To 825.6 %



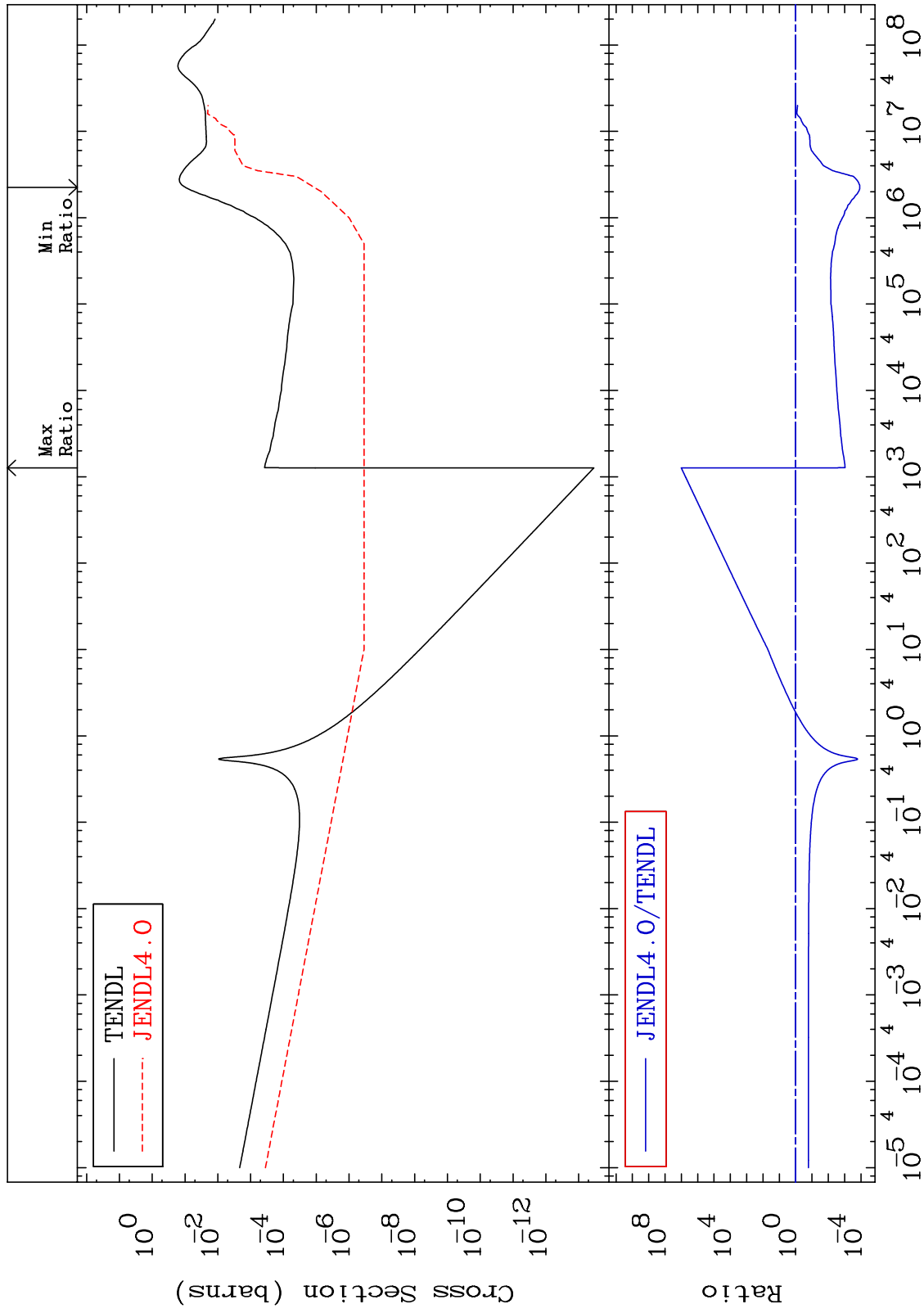
MAT 8834 (n,3n) Cross Section 88-Ra-226 To 2130. %
 9.606



MAT 8834

Fission
Cross Section

88-Ra-226
-99.99 To 9999. %



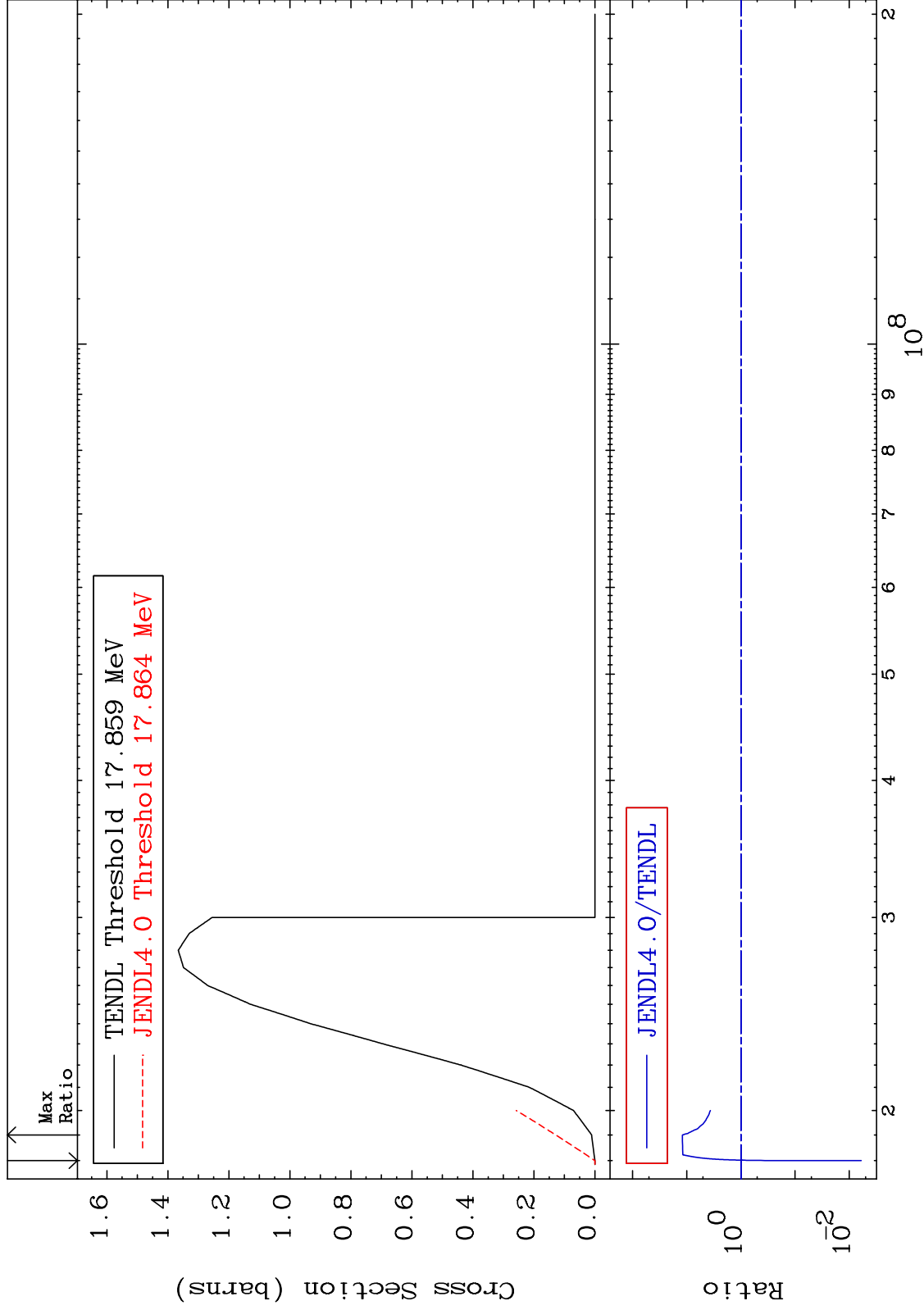
MAT 8834

(n,4n)

88-Ra-226

Cross Section

-99.40 To 1098. %

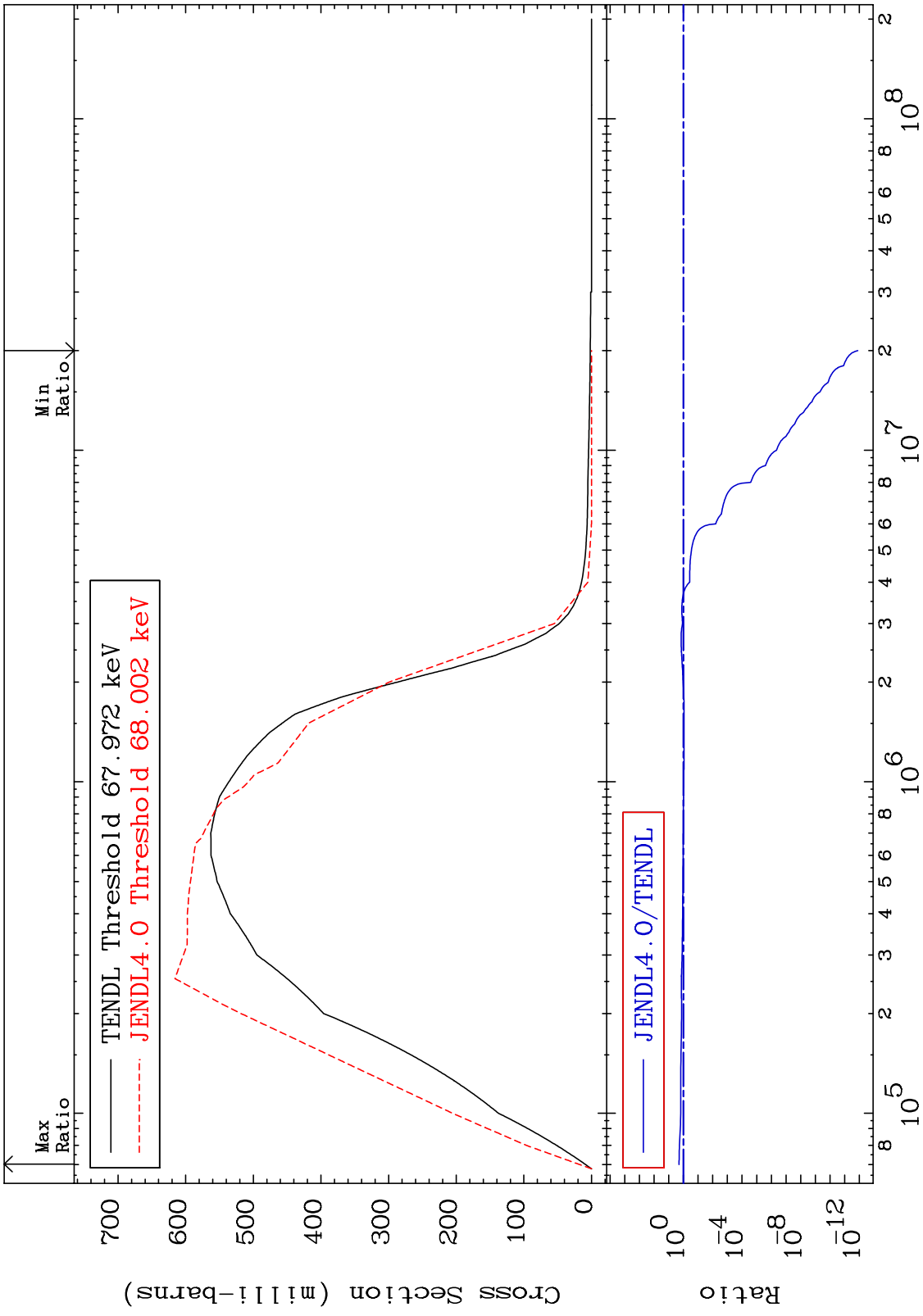


7

Incident Energy (eV)

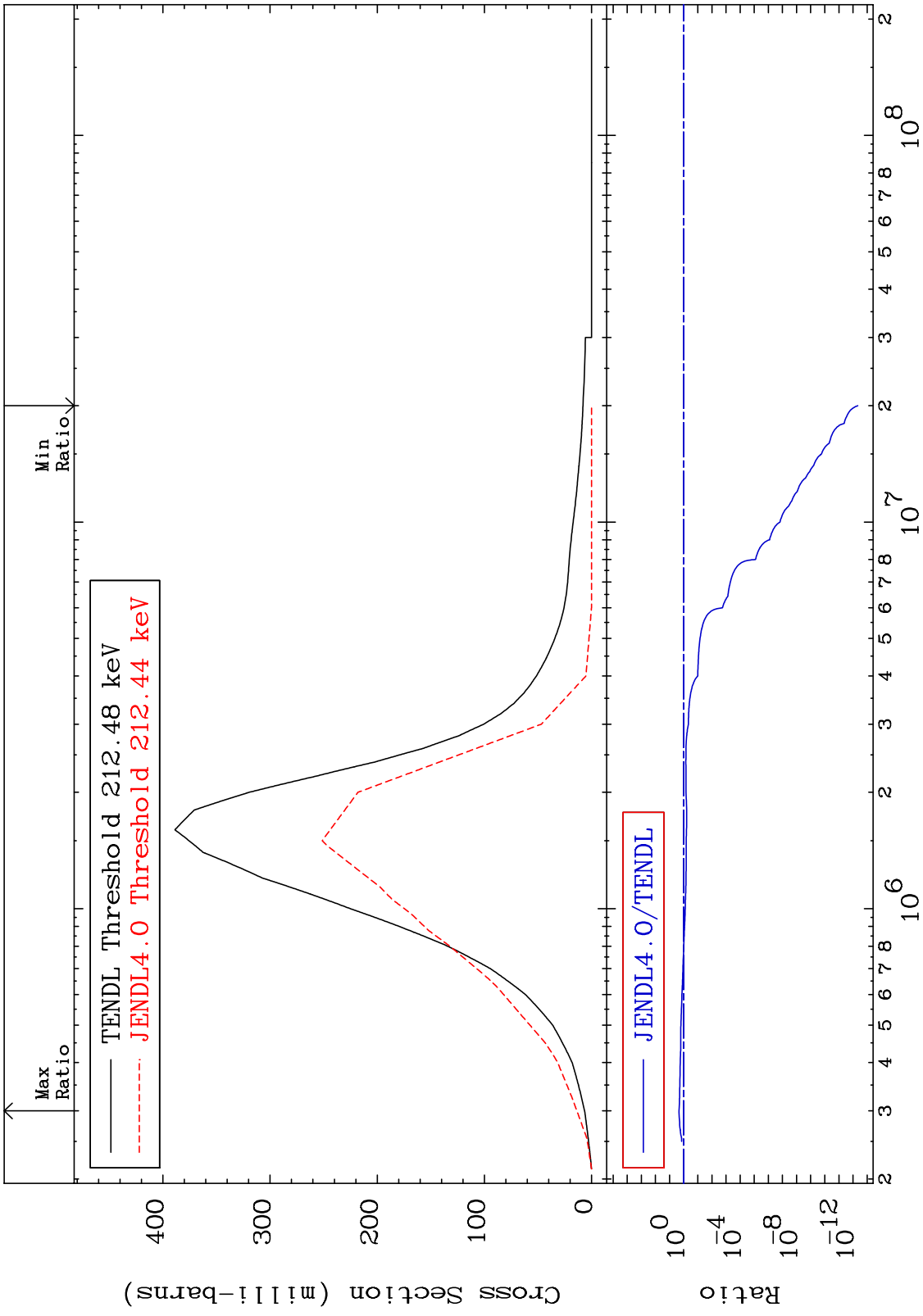
88-Ra-226

MAT 8834 MT= 51 (n,n') Level Cross Section 88-Ra-226 -100.0 To 97.12 %

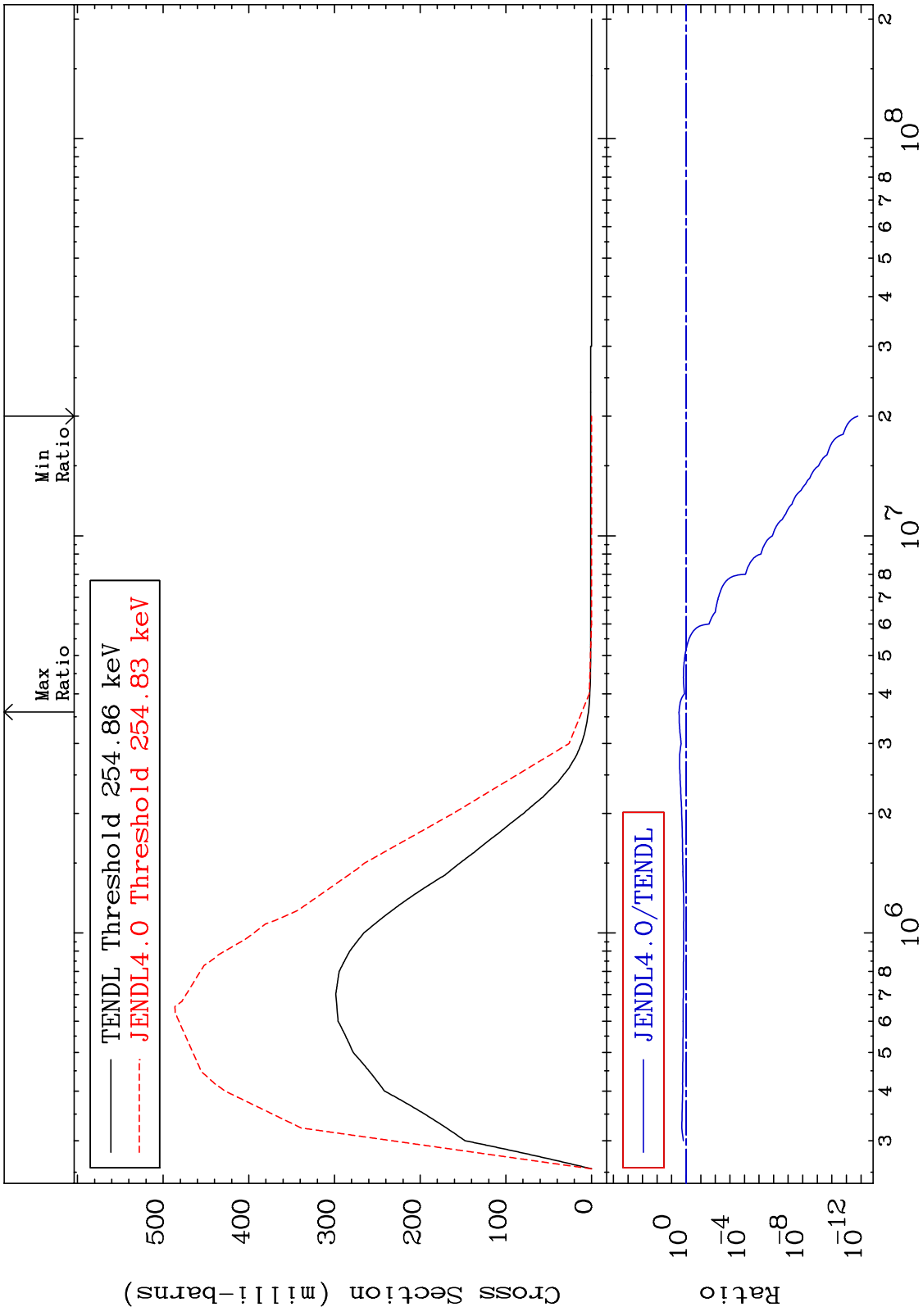


8 88-Ra-226

MAT 8834 MT= 52 (n,n') Level Cross Section 88-Ra-226 -100.0 To 112.3 %

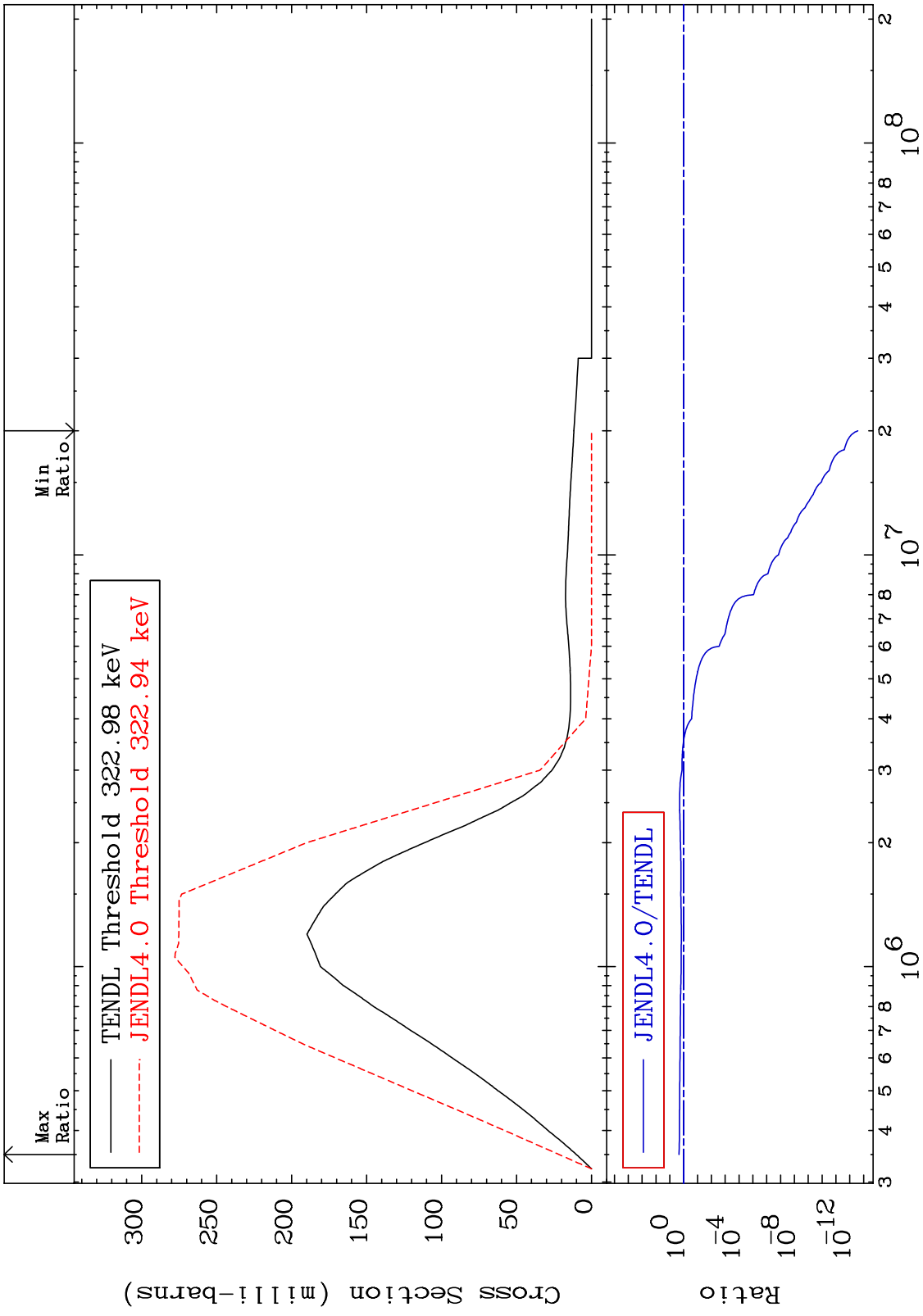


MAT 8834 MT= 53 (n,n') Level Cross Section 88-Ra-226 -100.0 To 210.0 %

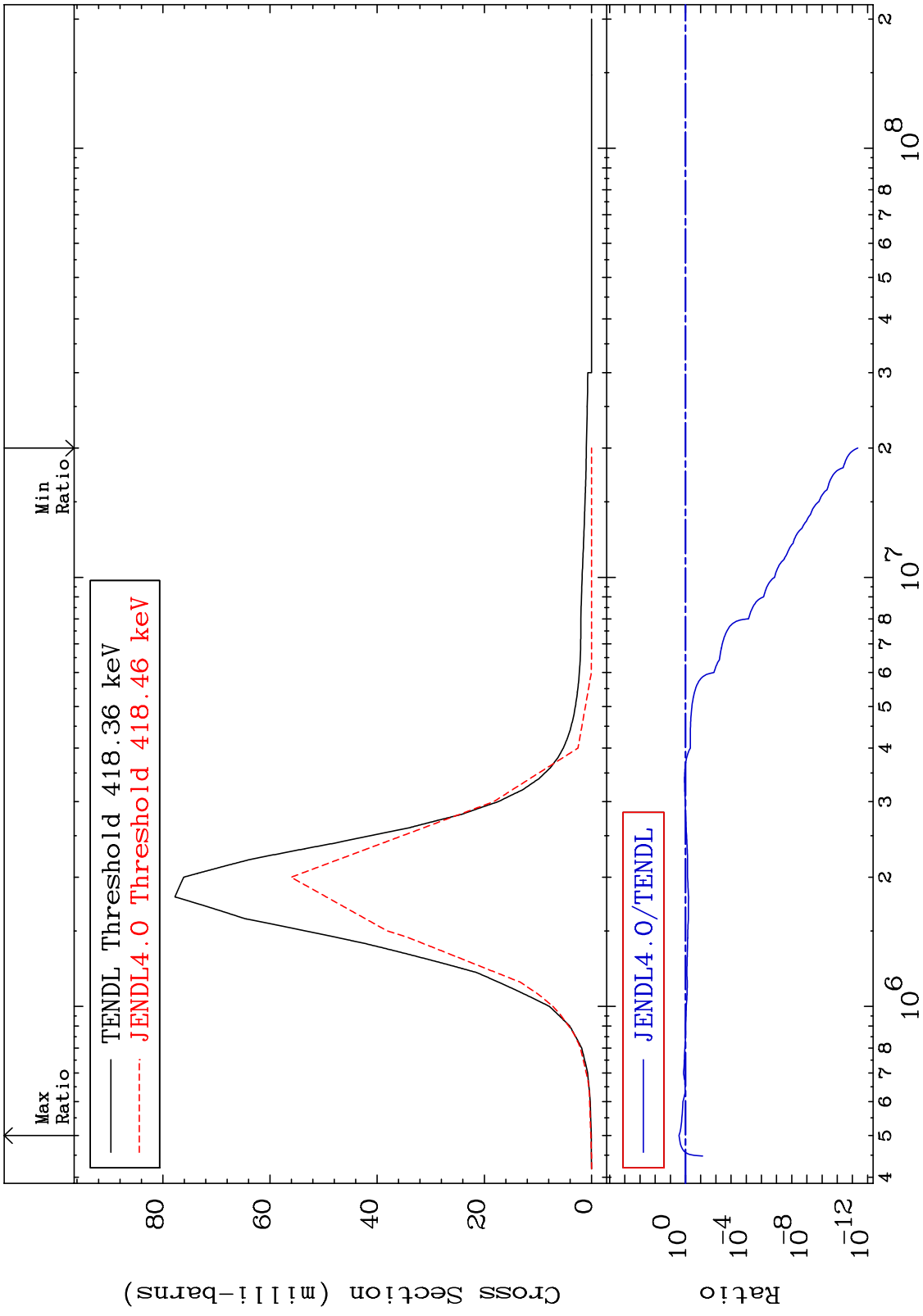


10 Incident Energy (eV) 88-Ra-226

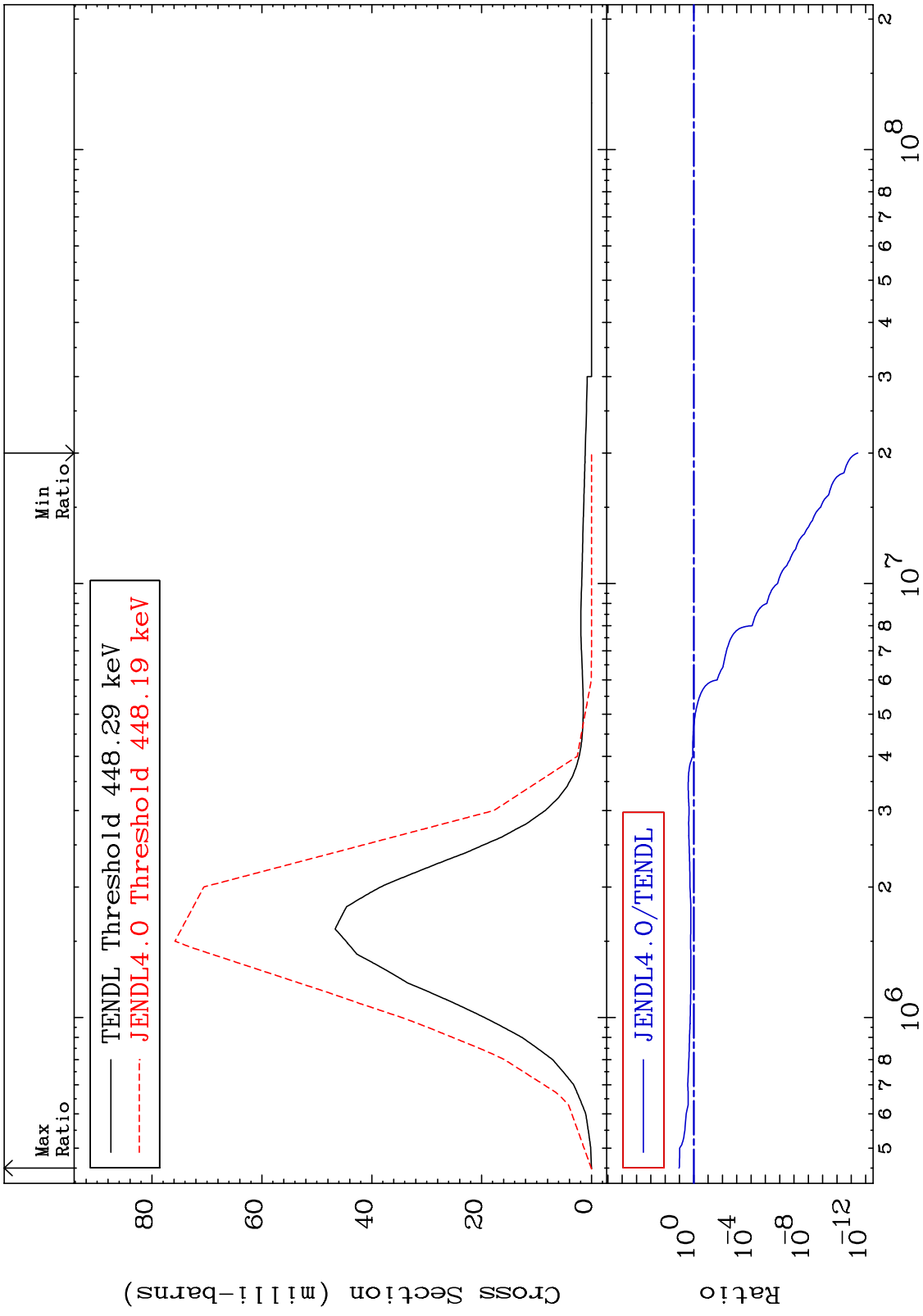
MAT 8834 MT= 54 (n,n') Level Cross Section -100.0 To 114.0 % 88-Ra-226



MAT 8834 MT= 55 (n,n') Level Cross Section 88-Ra-226
 -100.0 To 167.9 %

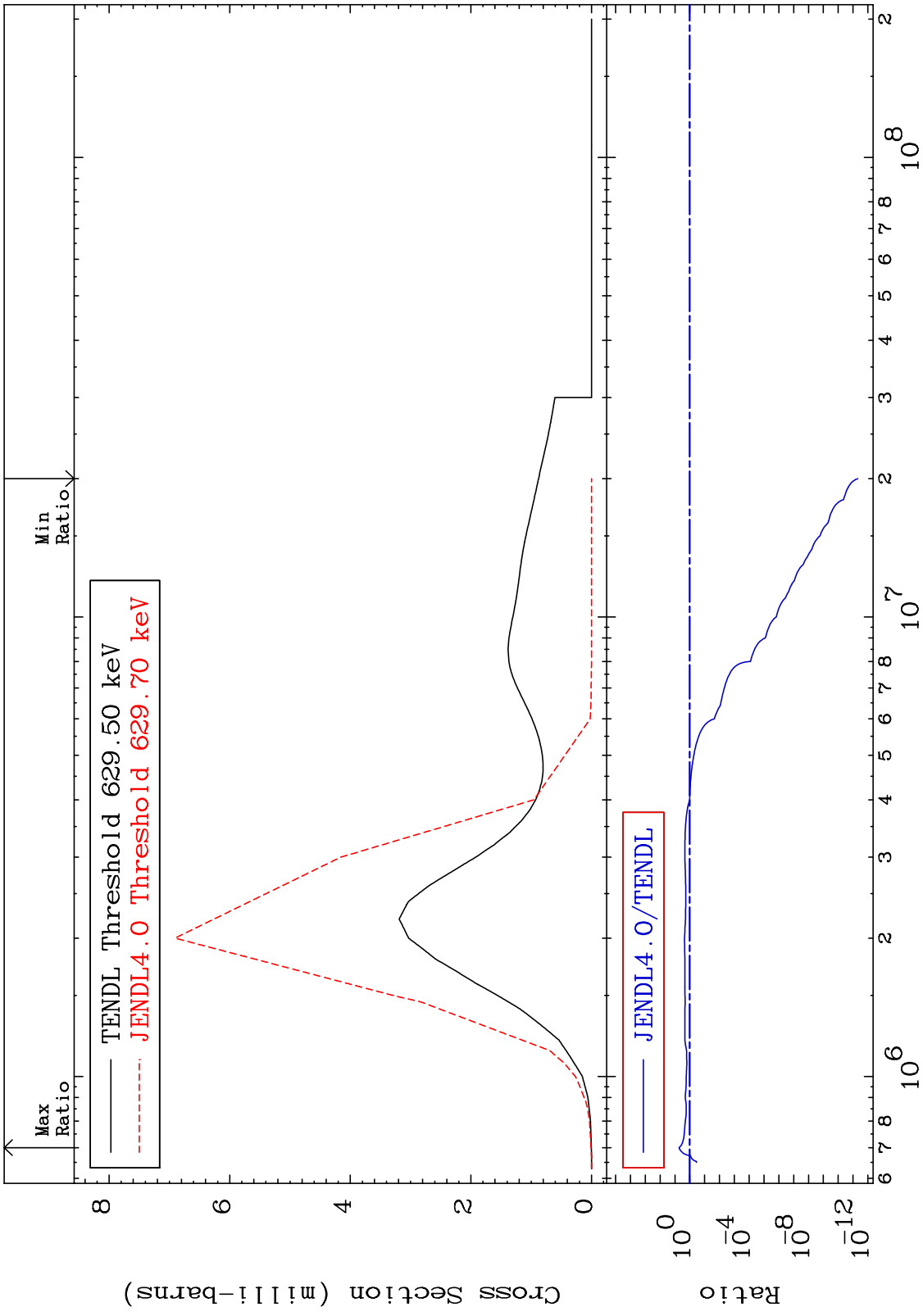


MAT 8834 MT= 56 (n,n') Level Cross Section 88-Ra-226
 -100.0 To 966.8 %

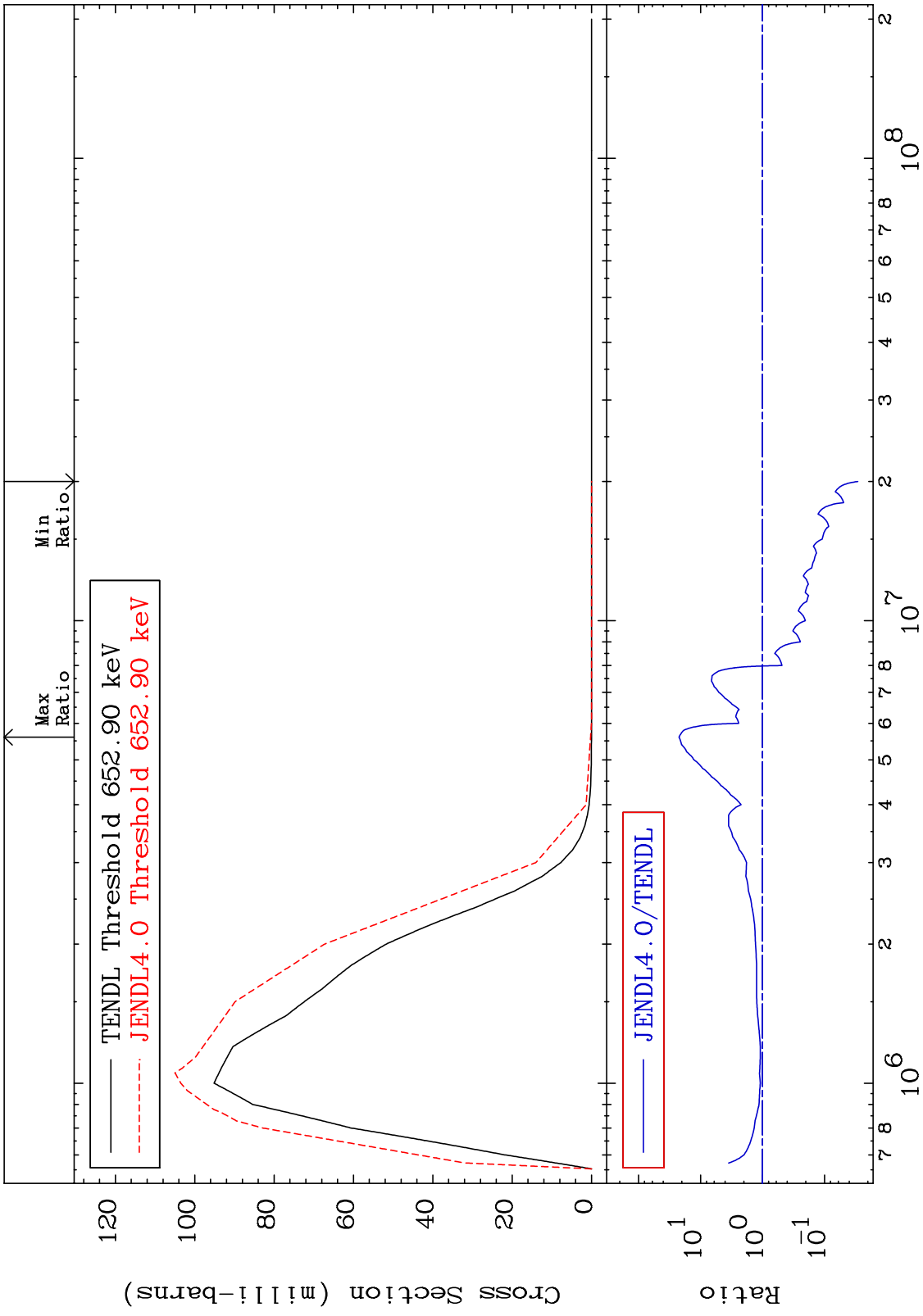


13 88-Ra-226

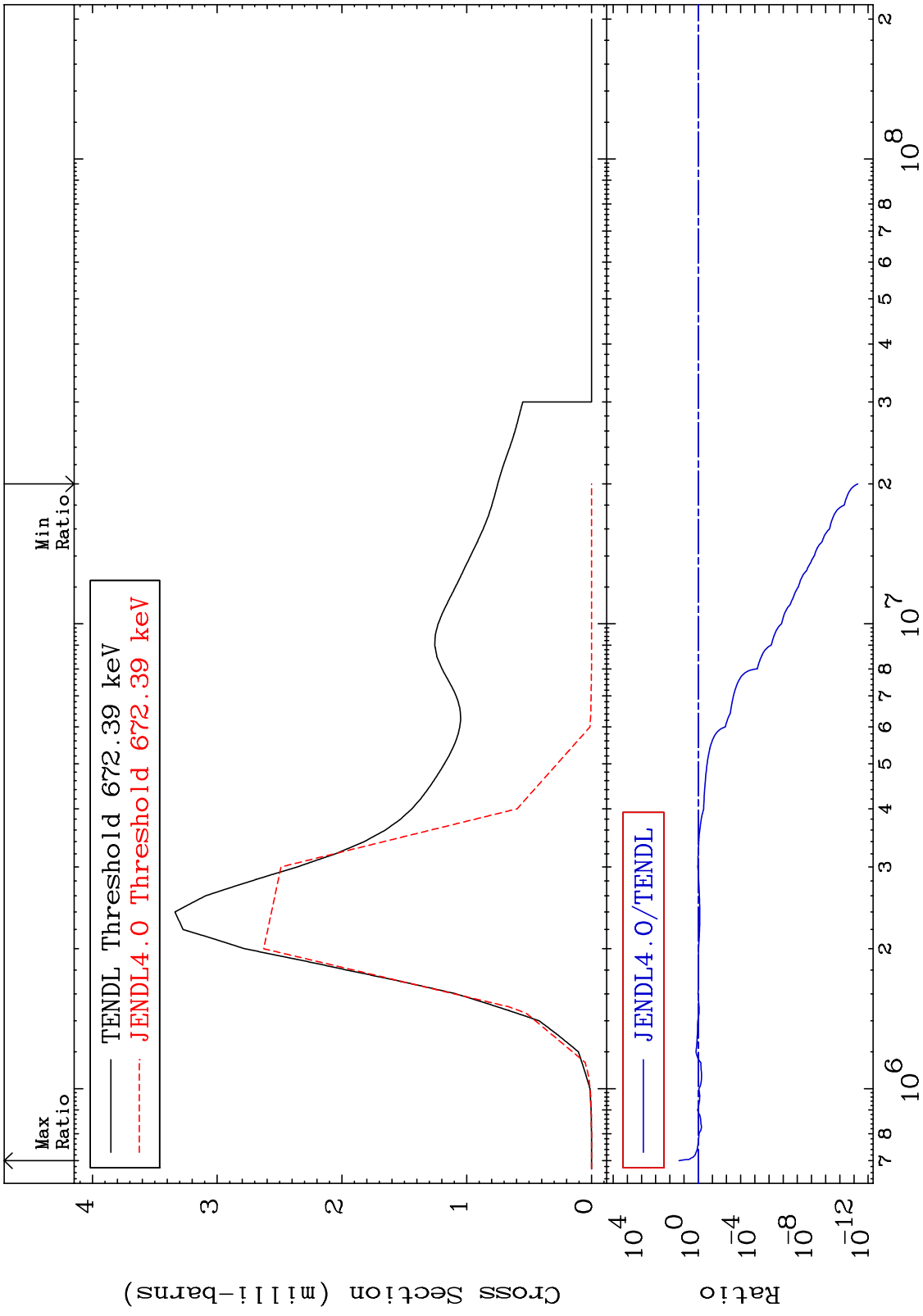
MAT 8834 MT= 57 (n,n') Level Cross Section 88-Ra-226 -100.0 To 430.0 %



MAT 8834 MT= 58 (n,n') Level Cross Section 88-Ra-226 -97.10 To 2119. %



MAT 8834 MT= 59 (n,n') Level Cross Section 88-Ra-226 -100.0 To 2146. %

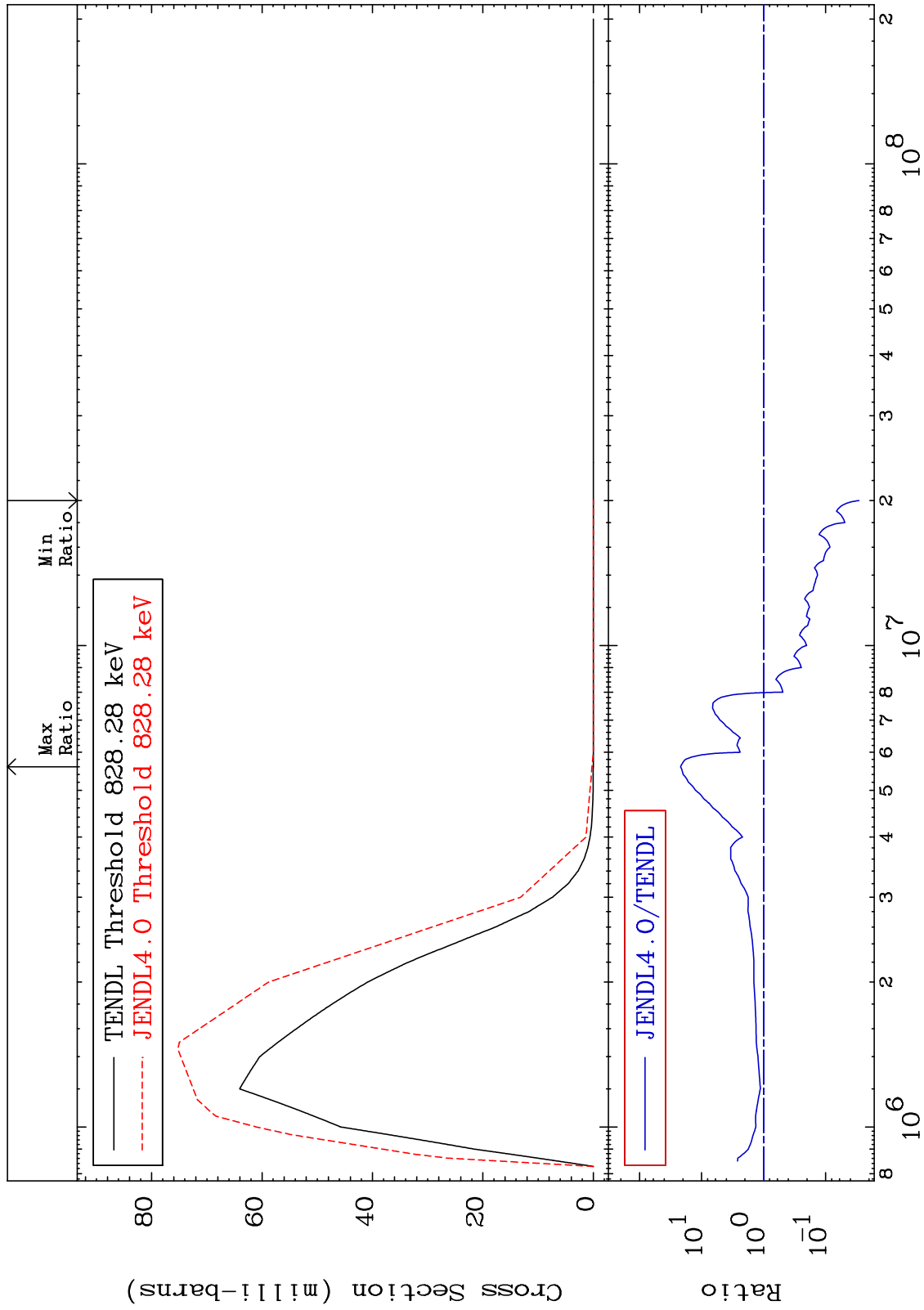


16 88-Ra-226

MAT 8834

MT= 60 (n,n') Level
Cross Section

88-Ra-226
-97.10 To 2076. %



17

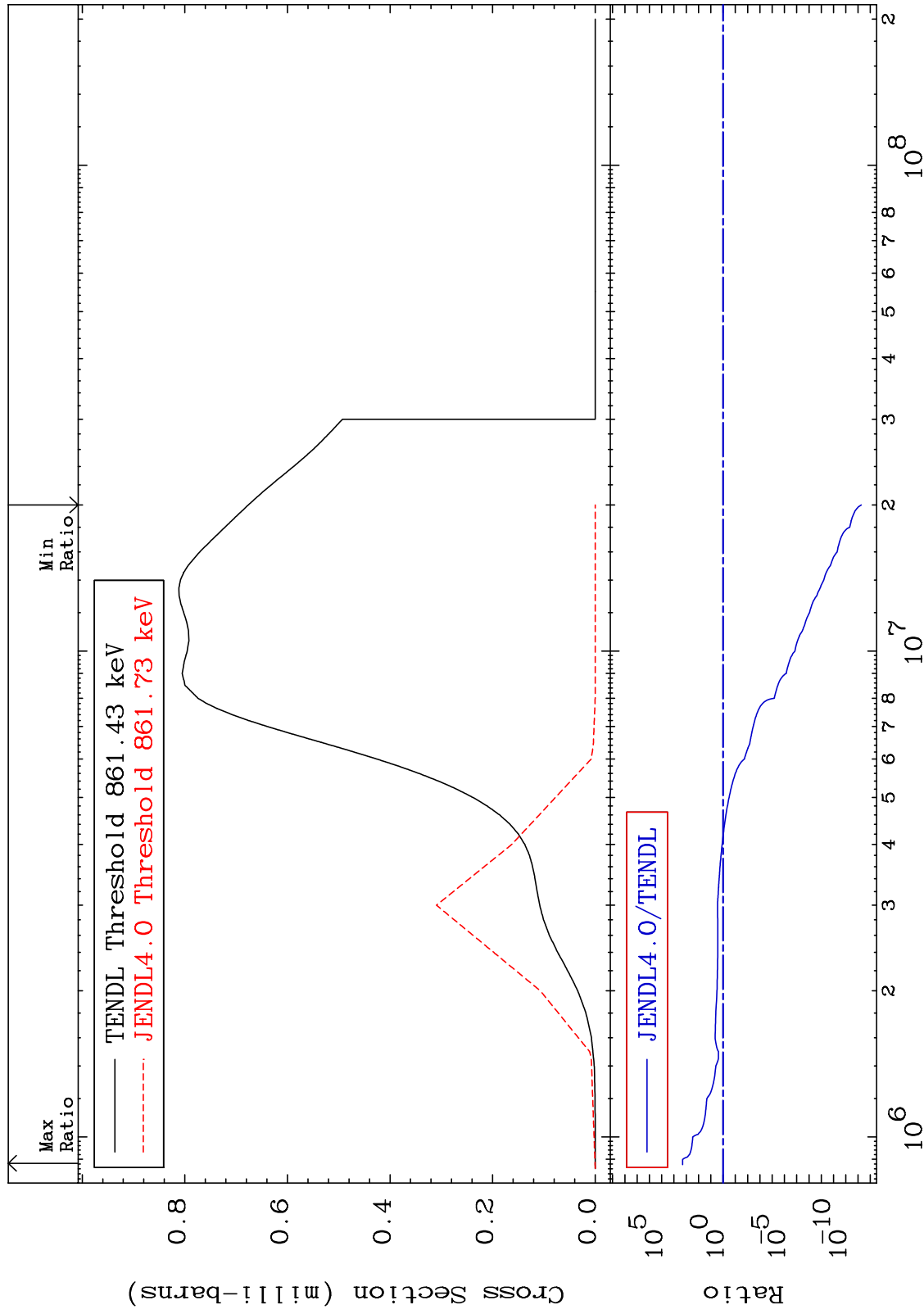
Incident Energy (eV)

88-Ra-226

MAT 8834

MT= 61 (n,n') Level
Cross Section

88-Ra-226
-100.0 To 9999. %

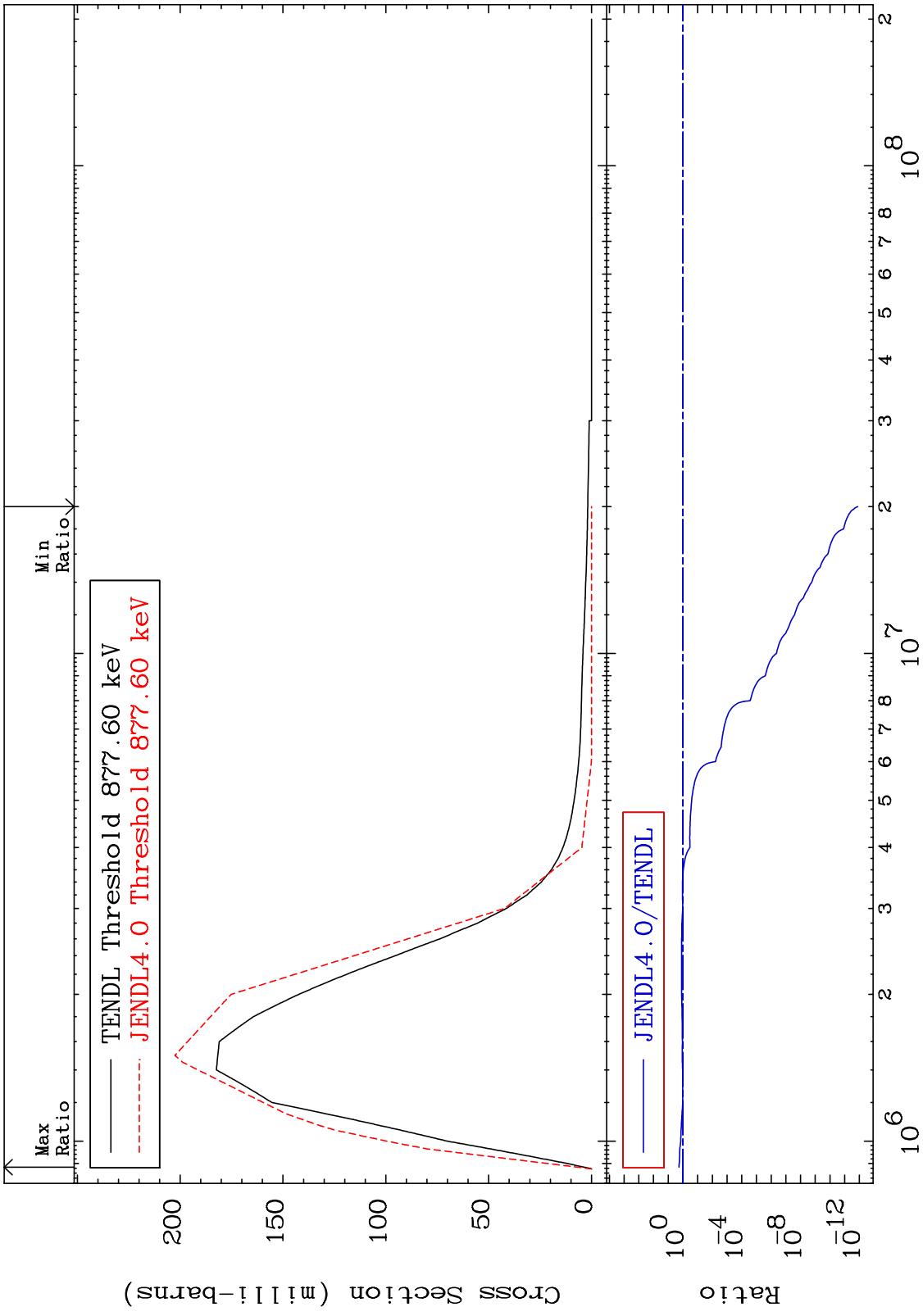


18

Incident Energy (eV)

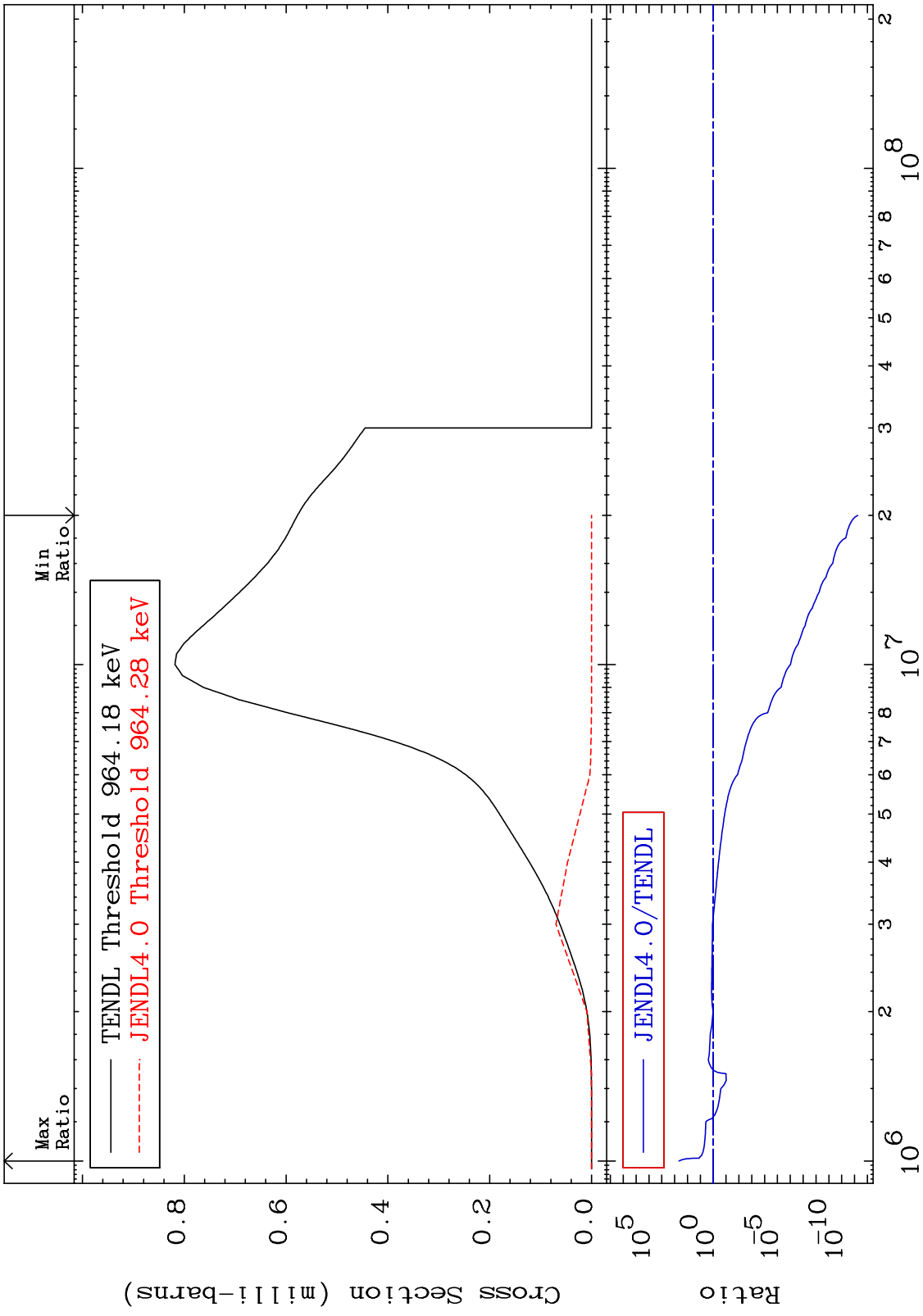
88-Ra-226

MAT 8834 MT= 62 (n,n') Level Cross Section 88-Ra-226 -100.0 To 83.12 %



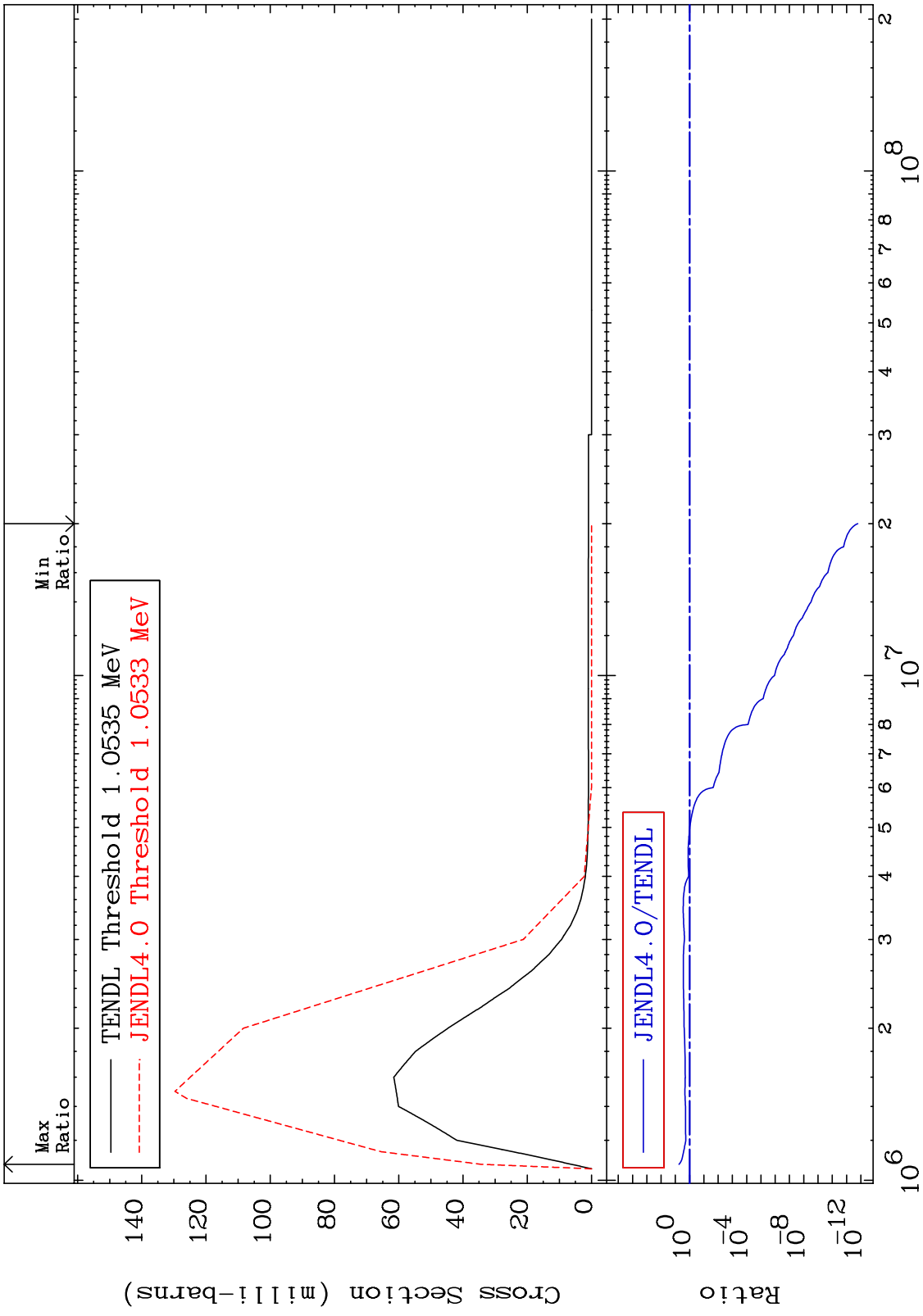
19 88-Ra-226

MAT 8834 MT= 63 (n,n') Level 88-Ra-226
Cross Section -100.0 To 9999. %



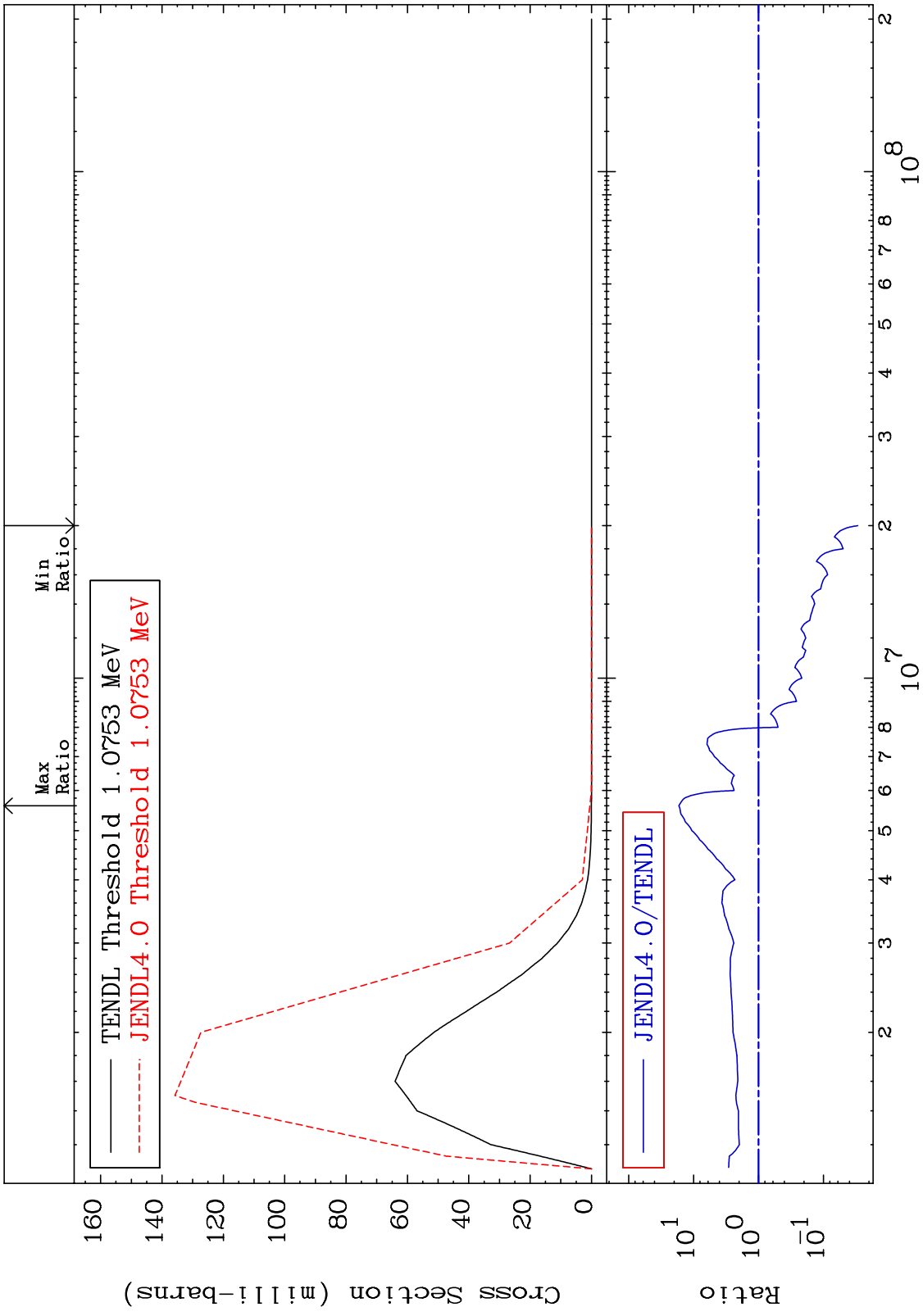
20 88-Ra-226

MAT 8834 MT= 64 (n,n') Level Cross Section 88-Ra-226
 -100.0 To 450.1 %

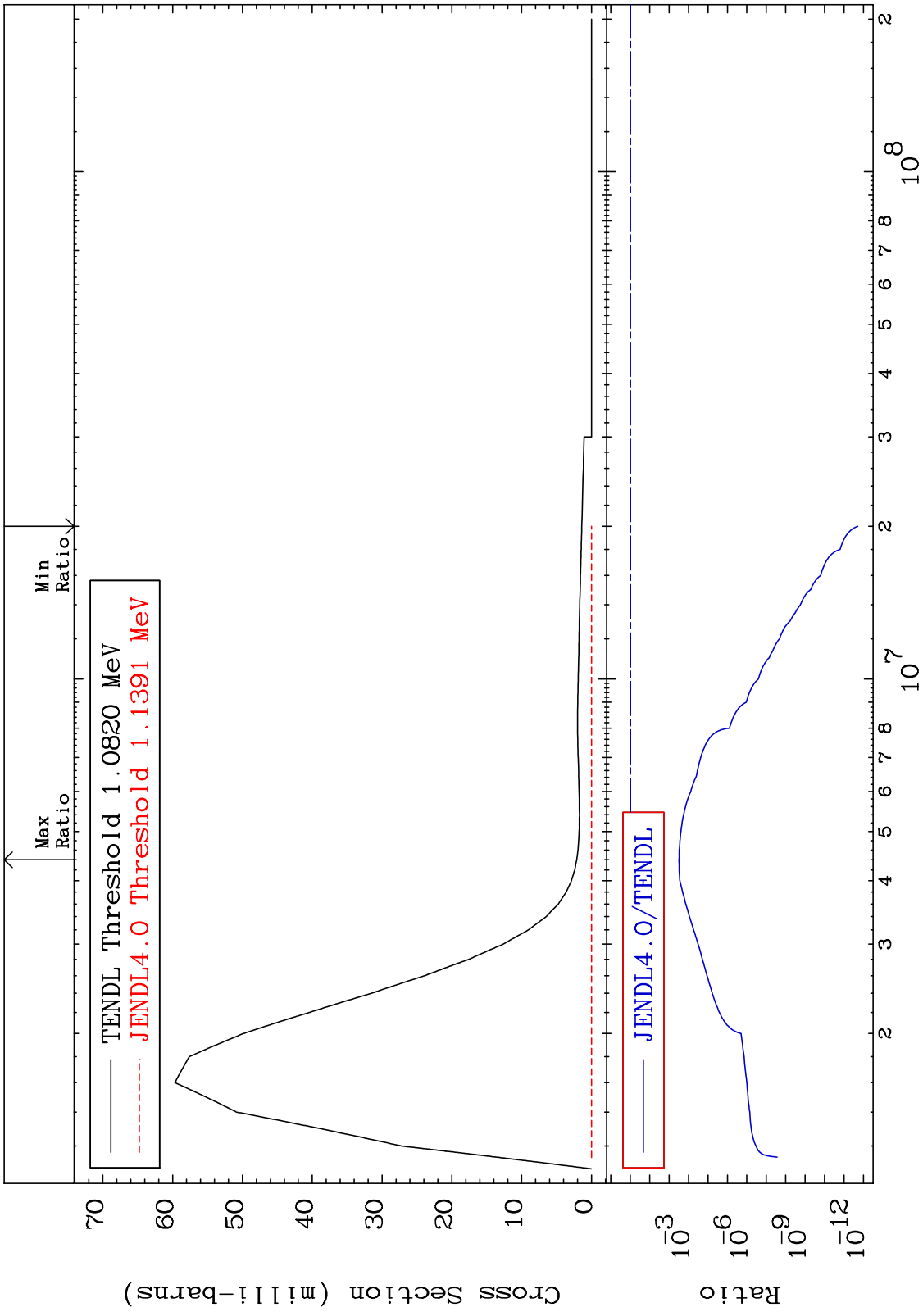


21 Incident Energy (eV) 88-Ra-226

MAT 8834 MT= 65 (n,n') Level Cross Section 88-Ra-226
 -97.03 To 1578. %



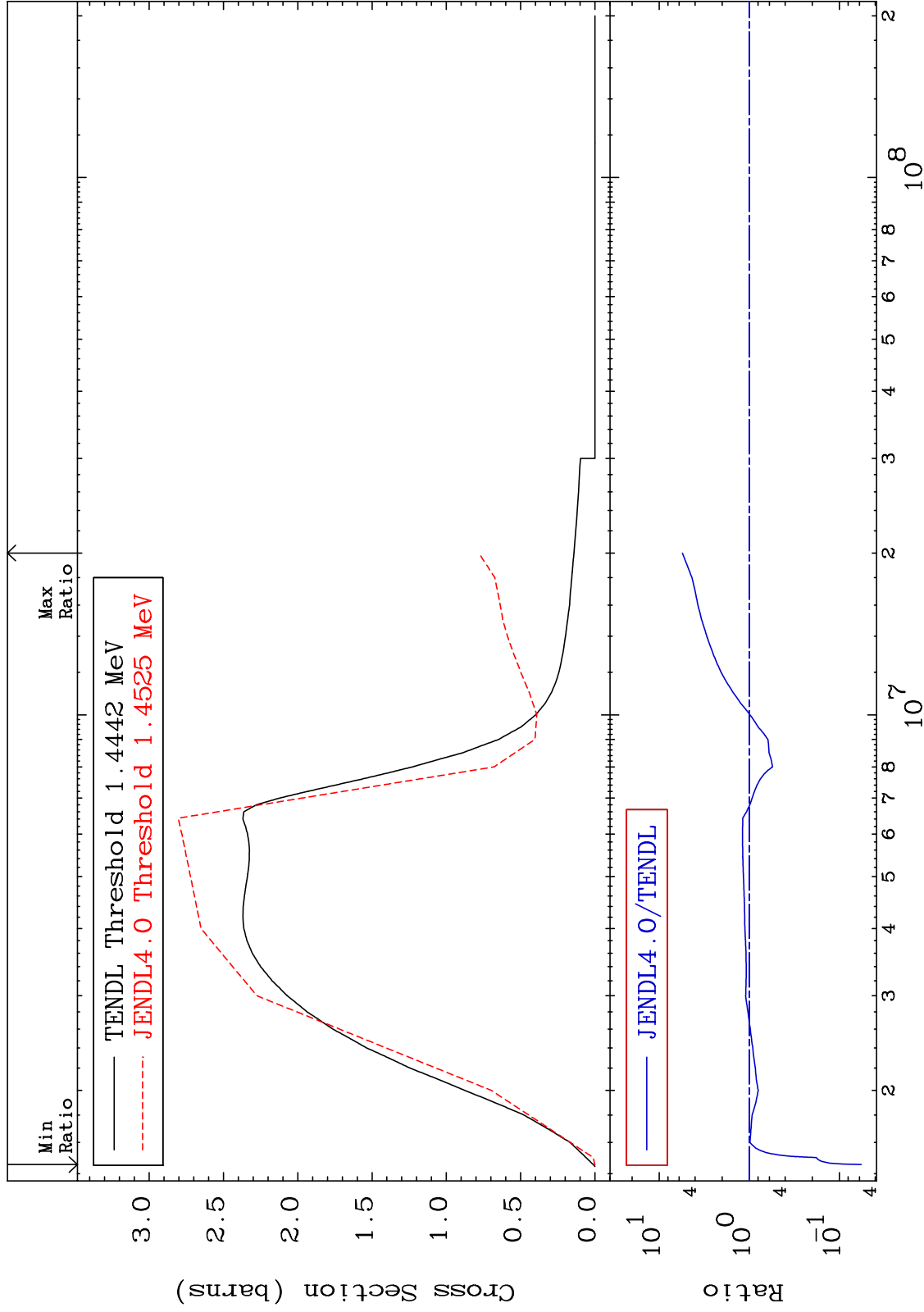
MAT 8834 MT= 66 (n,n') Level Cross Section 88-Ra-226 -100.0 To -99.69%



MAT 8834

(n,n') Continuum
Cross Section

88-Ra-226
-94.28 To 452.3 %



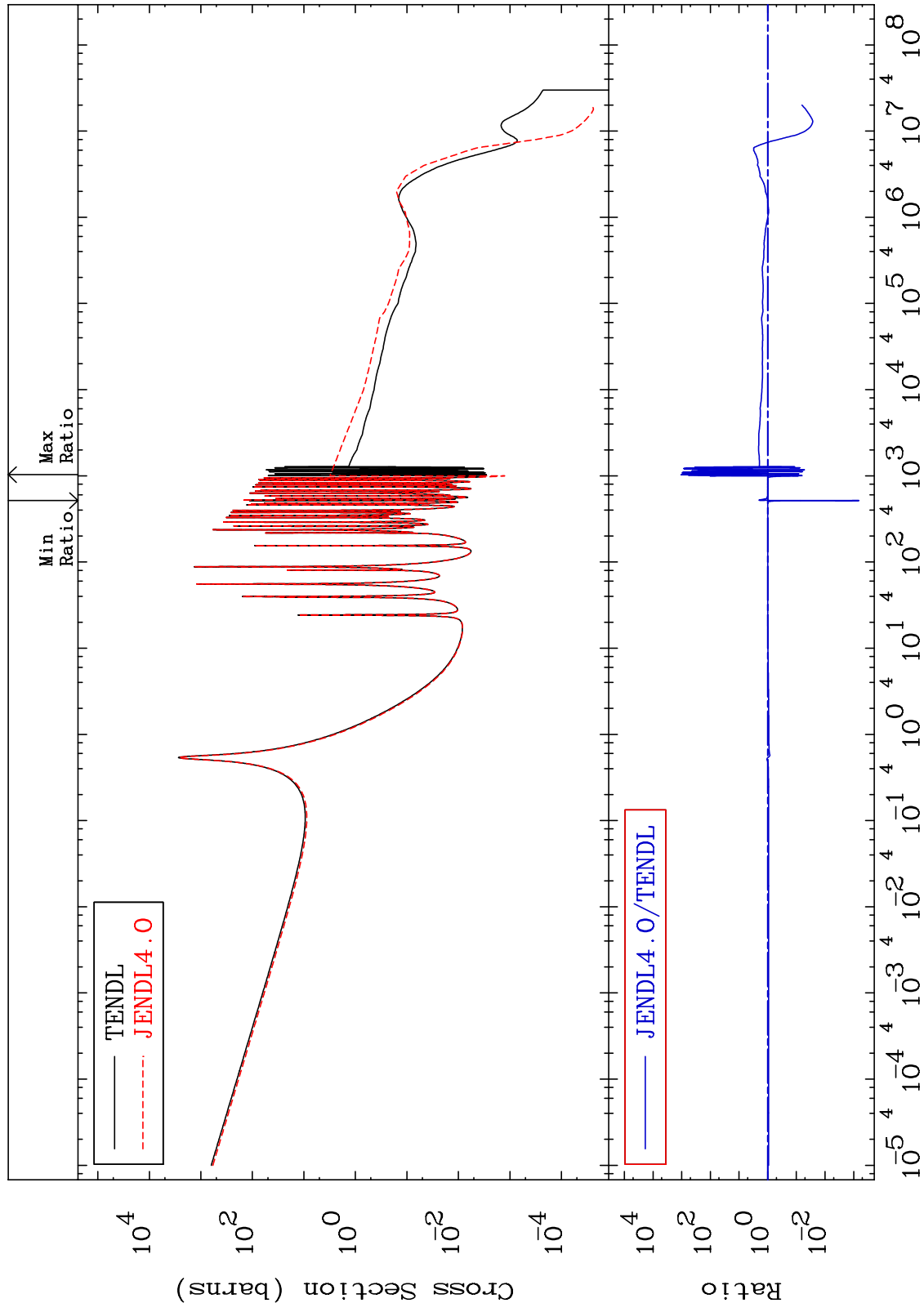
MAT 8834

(n, γ)

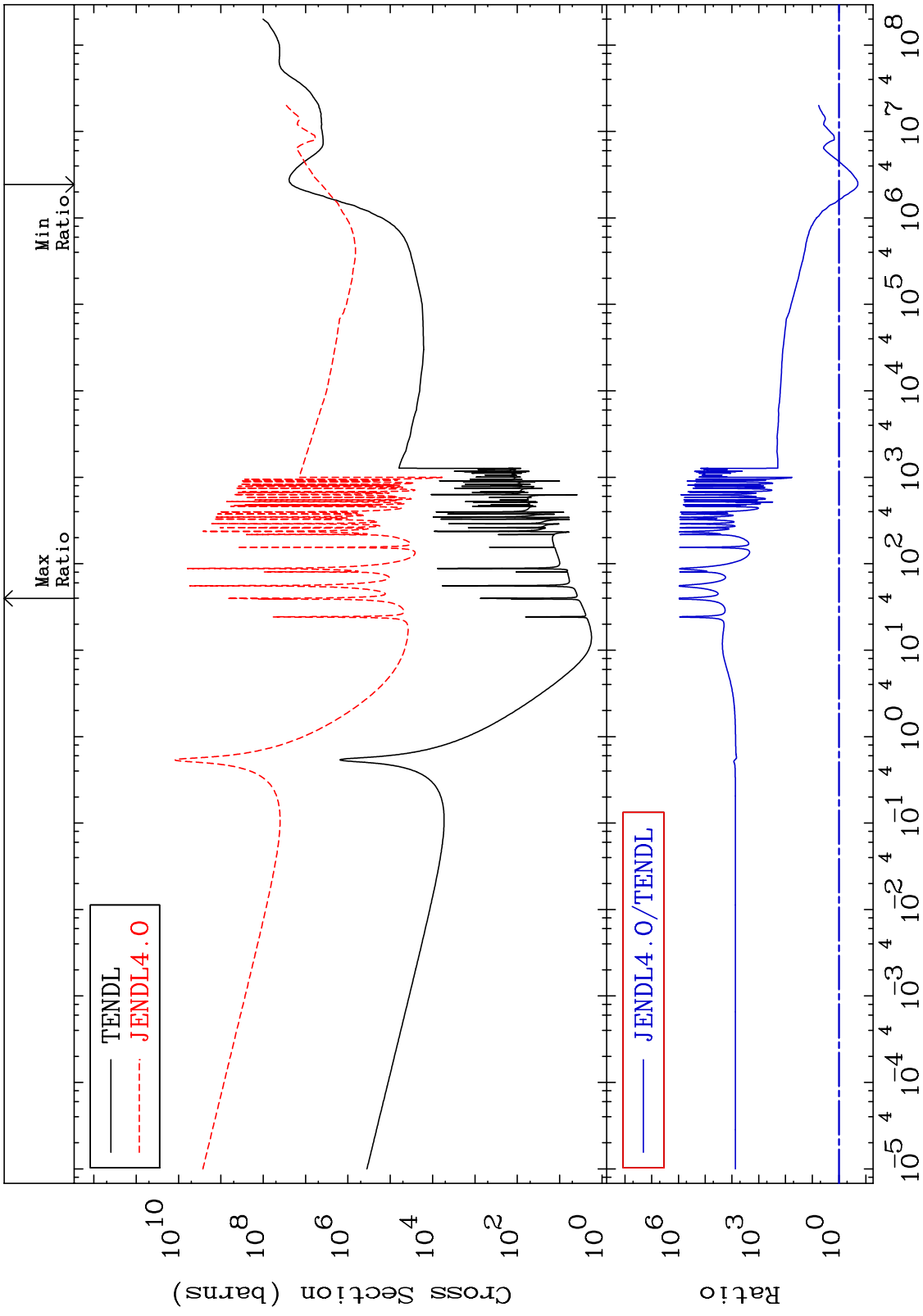
88-Ra-226

-99.94 To 9999. %

Cross Section



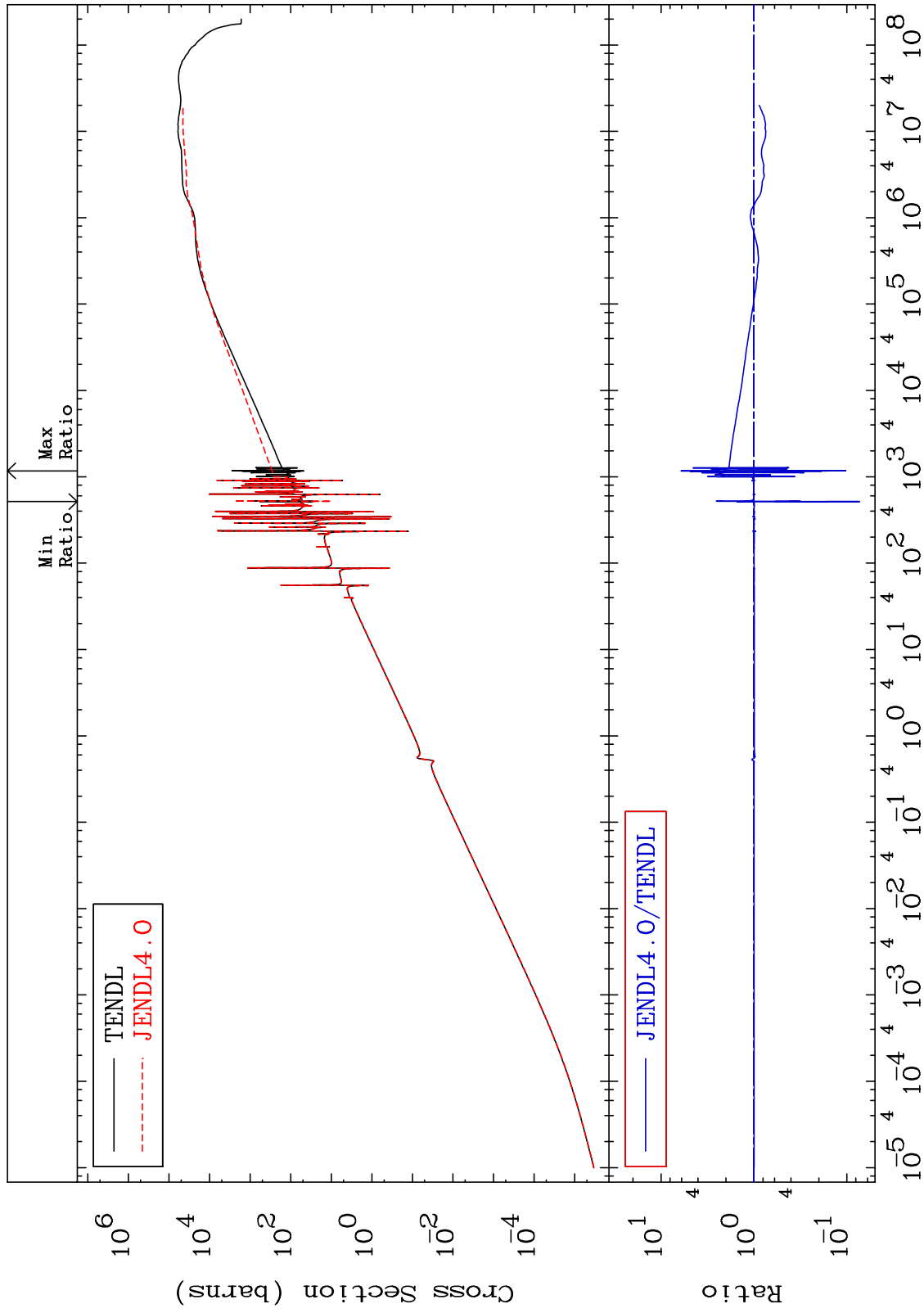
MAT 8834 Kerma total (eV-barns) 88-Ra-226
 Cross Section -80.17 To 9999. %



MAT 8834

Kerma elastic
Cross Section

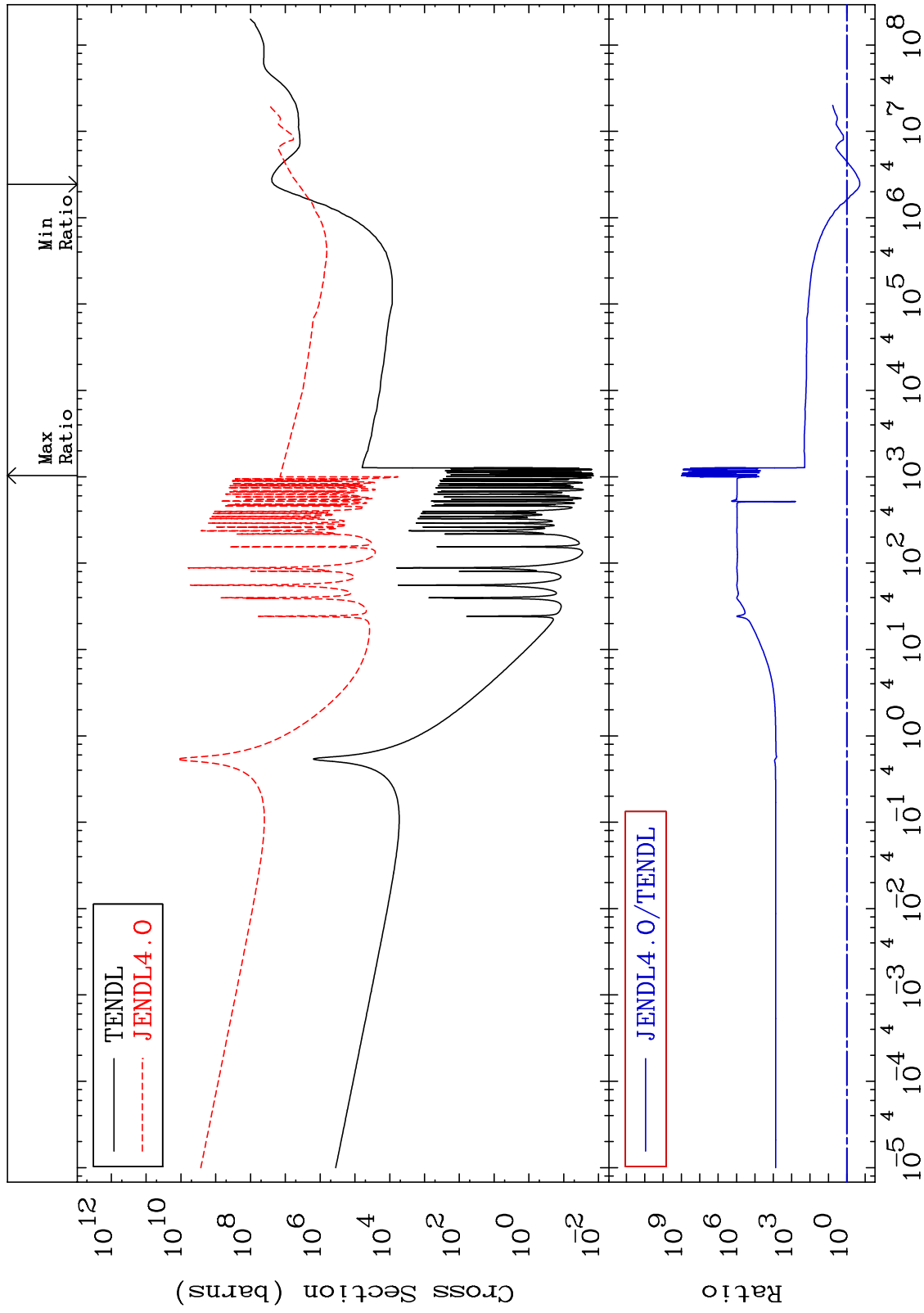
88-Ra-226
-92.73 To 505.8 %



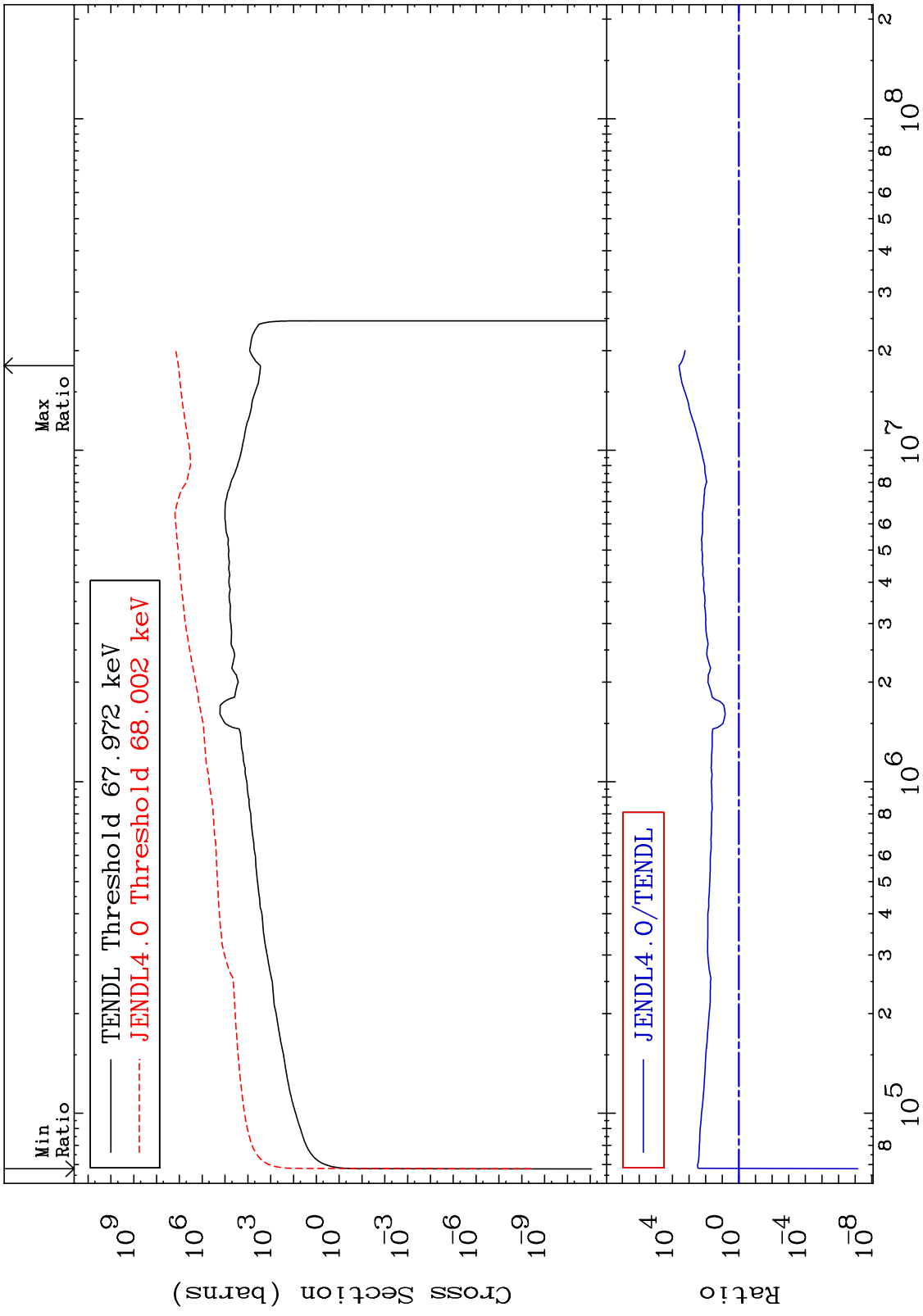
MAT 8834

Kerma non-elastic (all but mt2)
Cross Section

88-Ra-226
-80.30 To 9999. %



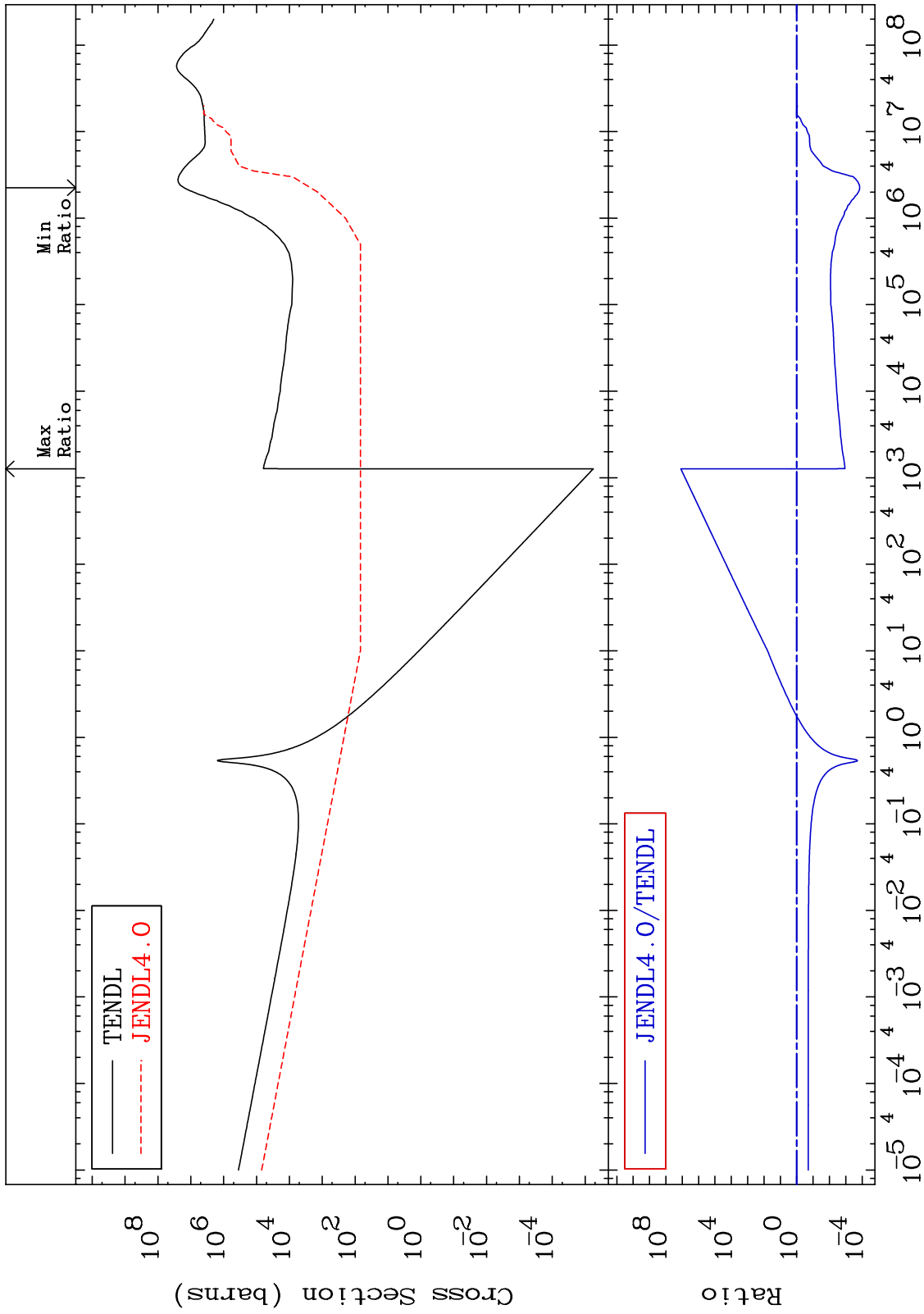
MAT 8834 Kerma inelastic (mt51-91) 88-Ra-226
 -100.0 To 9999. %



MAT 8834

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

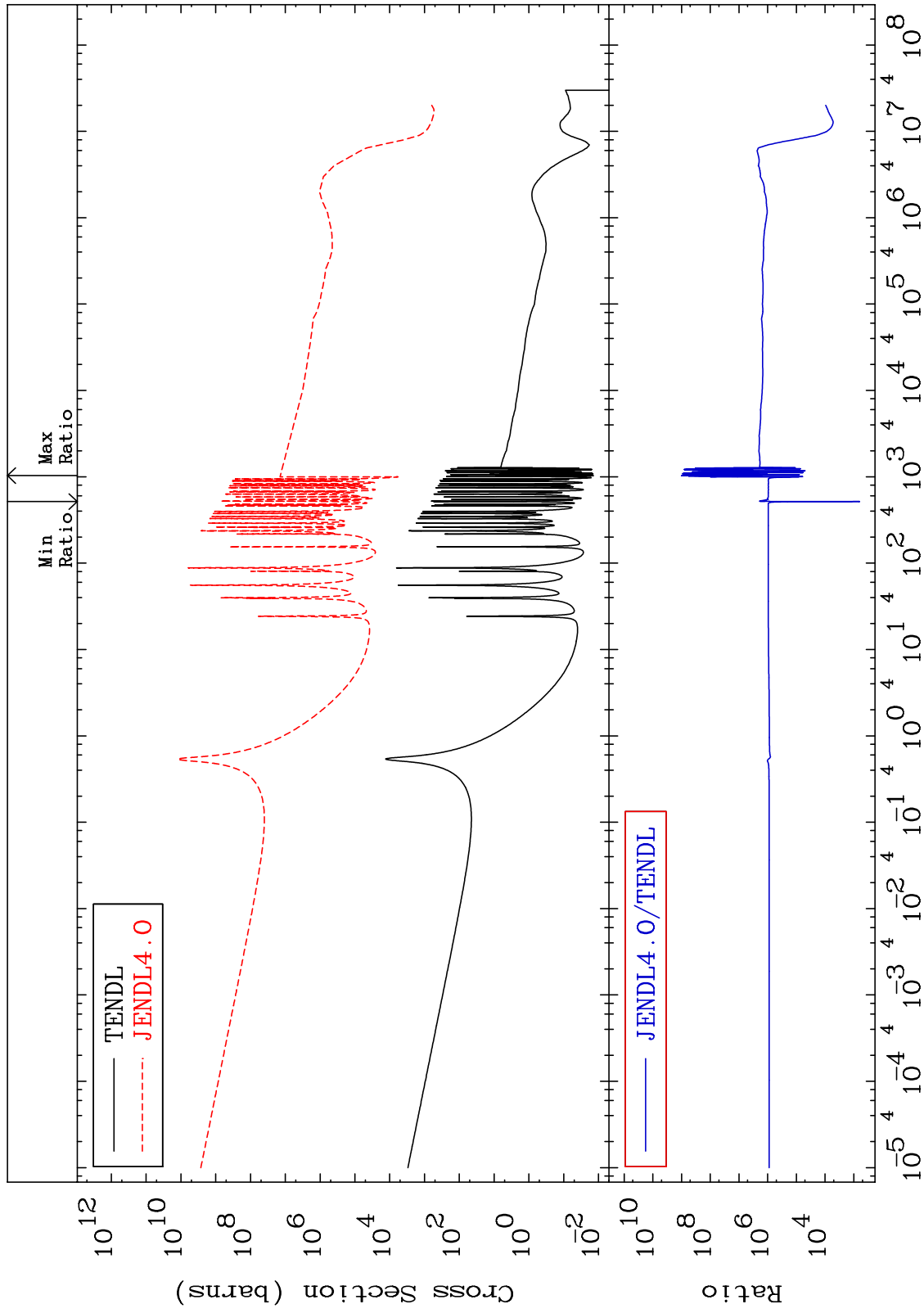
88-Ra-226
-99.99 To 9999. %



MAT 8834

Kerma capture (mt102)
Cross Section

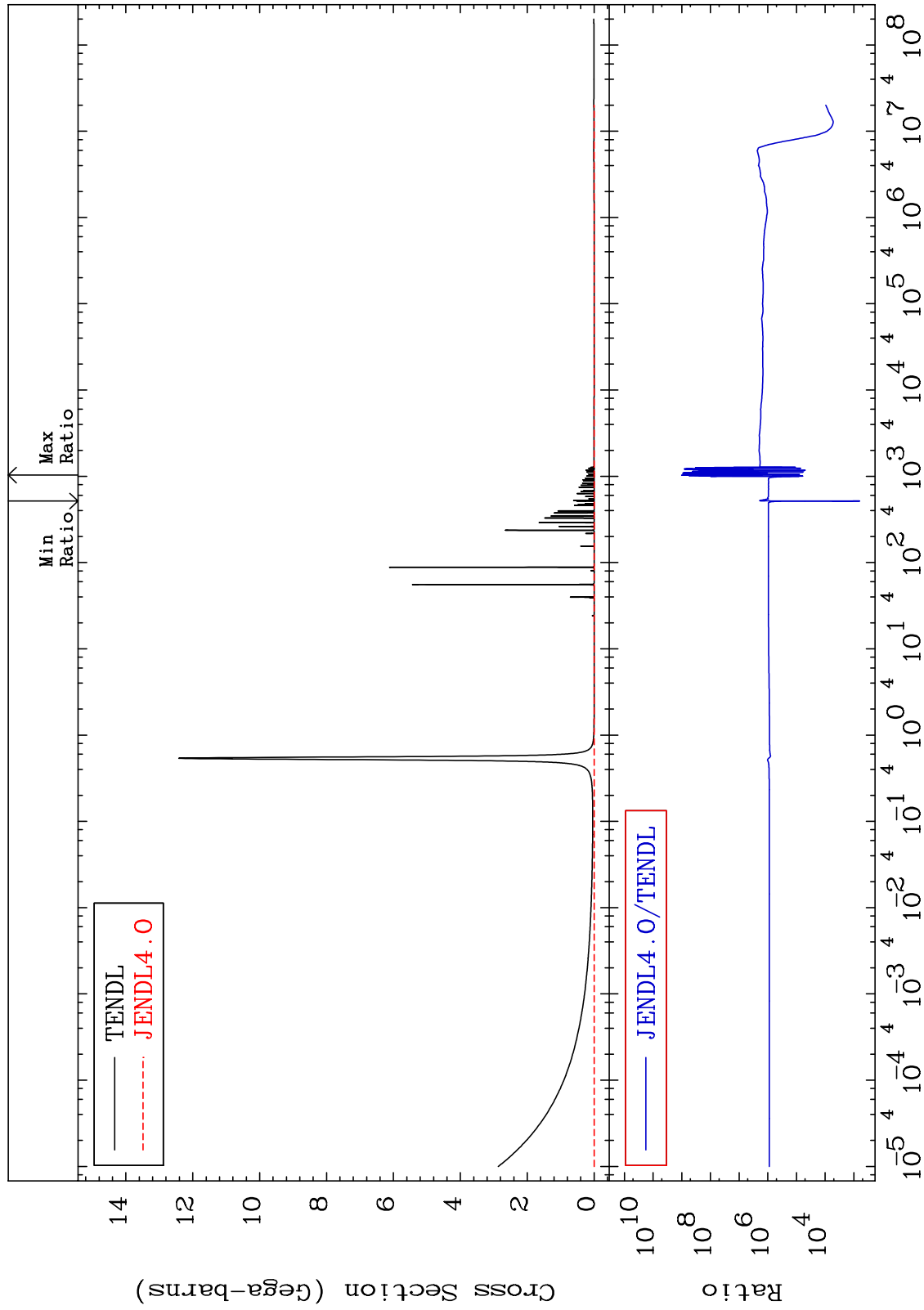
88-Ra-226
9999. To 9999. %



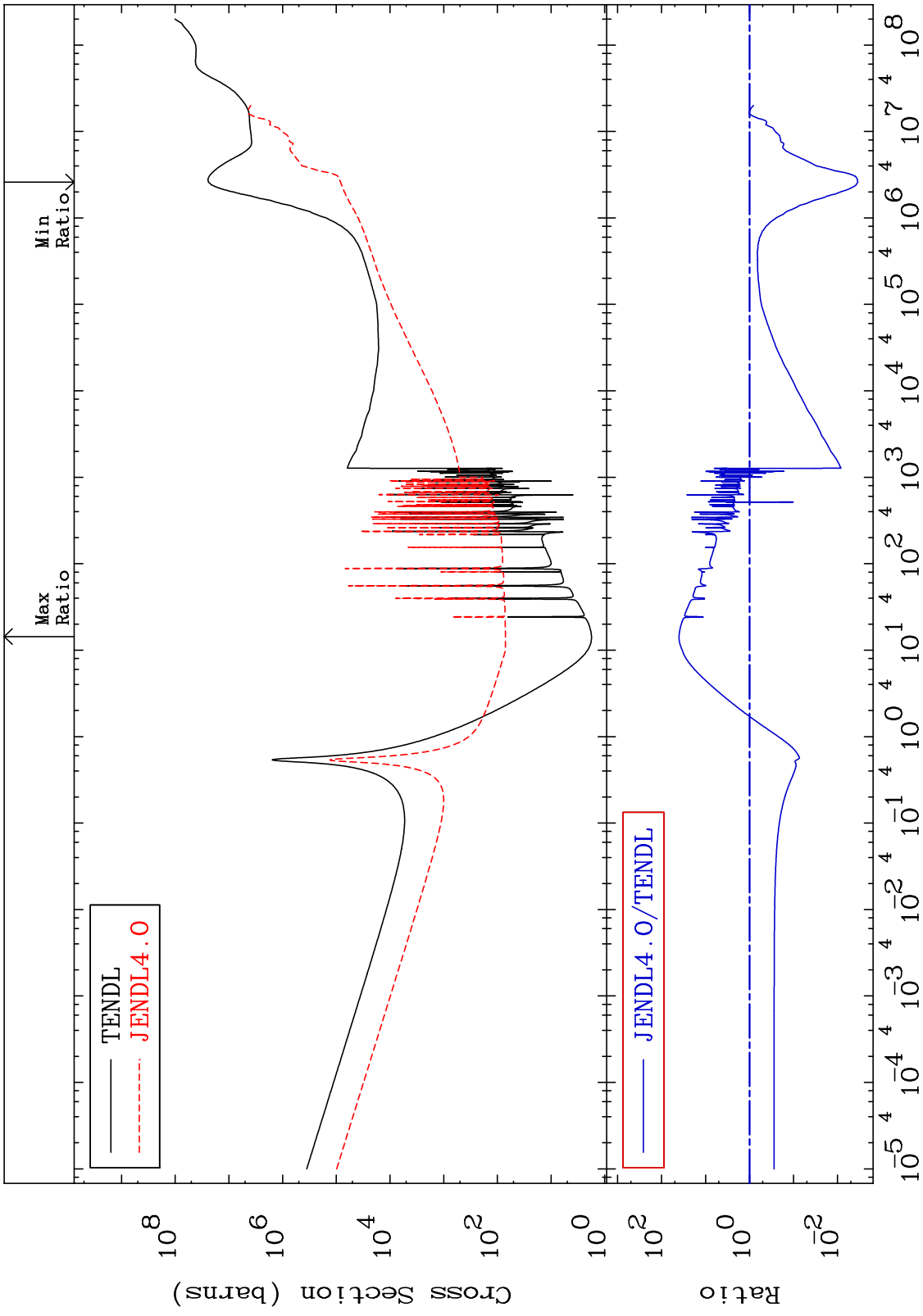
MAT 8834

Total photon (eV-barns)
Cross Section

88-Ra-226
9999. To 9999. %



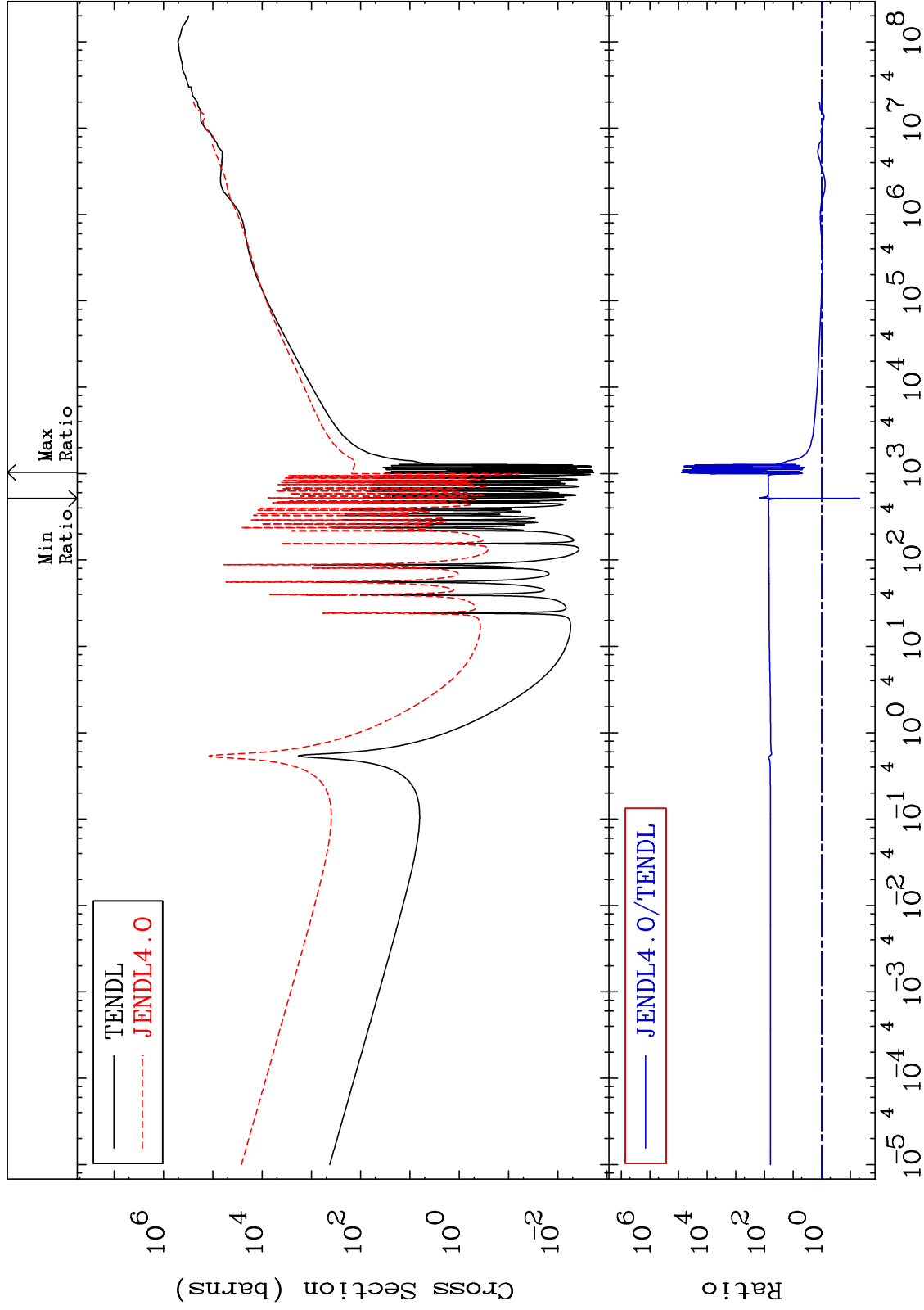
MAT 8834 Total kinematic kerma (high limit) 88-Ra-226
 Cross Section -99.65 To 3912. %



MAT 8834

Dpa total (eV-barns)
Cross Section

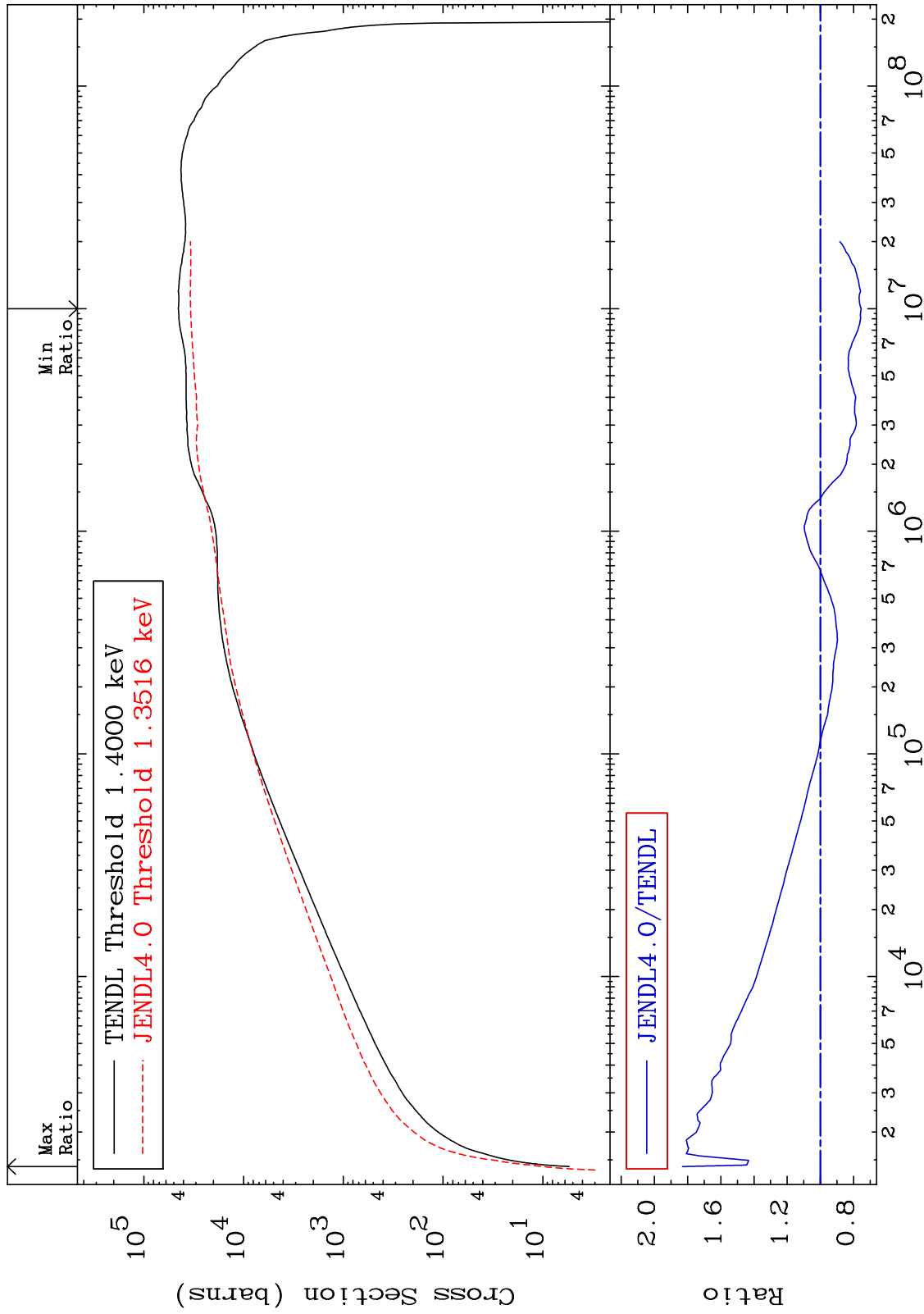
88-Ra-226
-95.31 To 9999. %



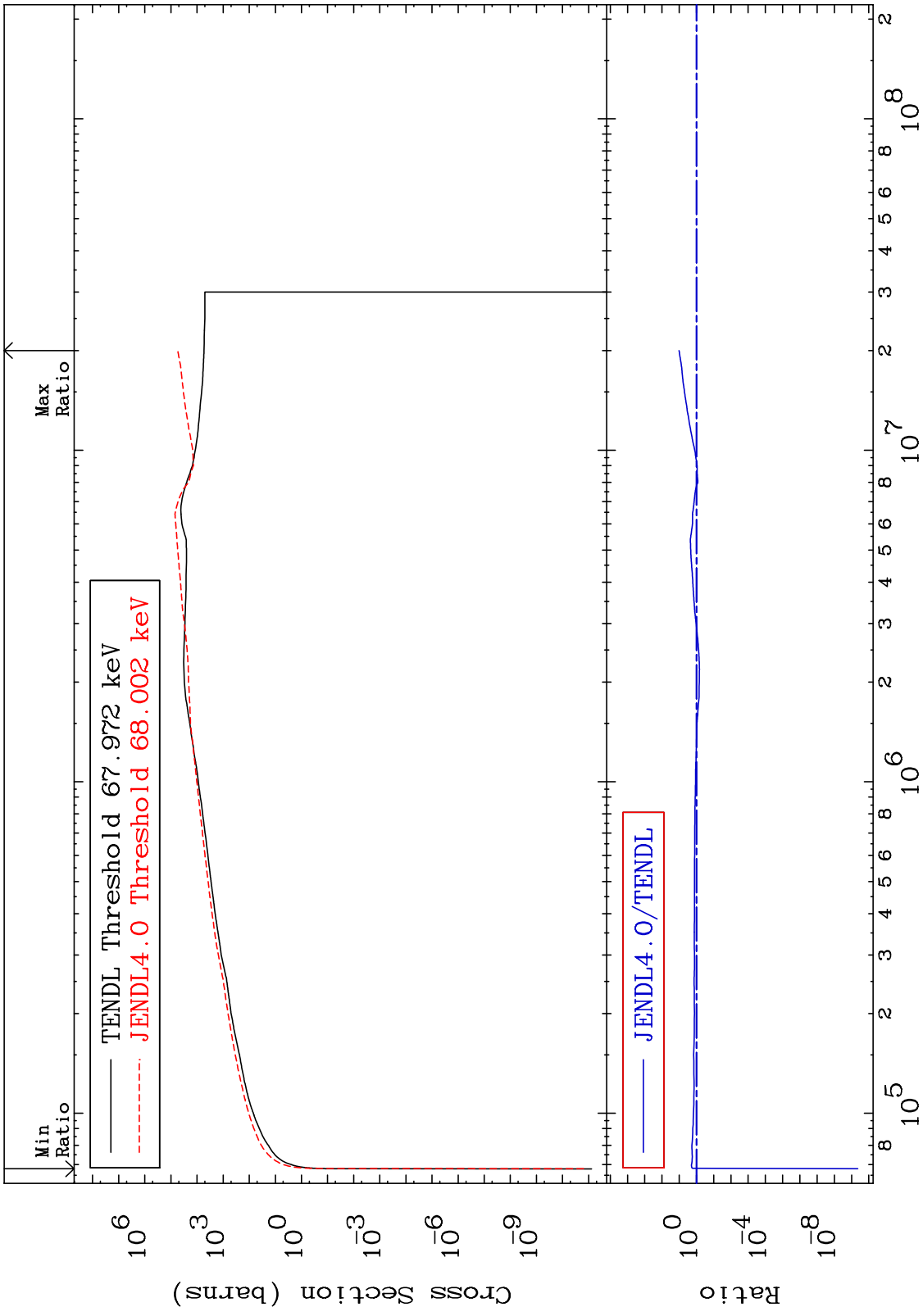
MAT 8834

Dpa elastic (mt2)
Cross Section

88-Ra-226
-24.67 To 83.12 %



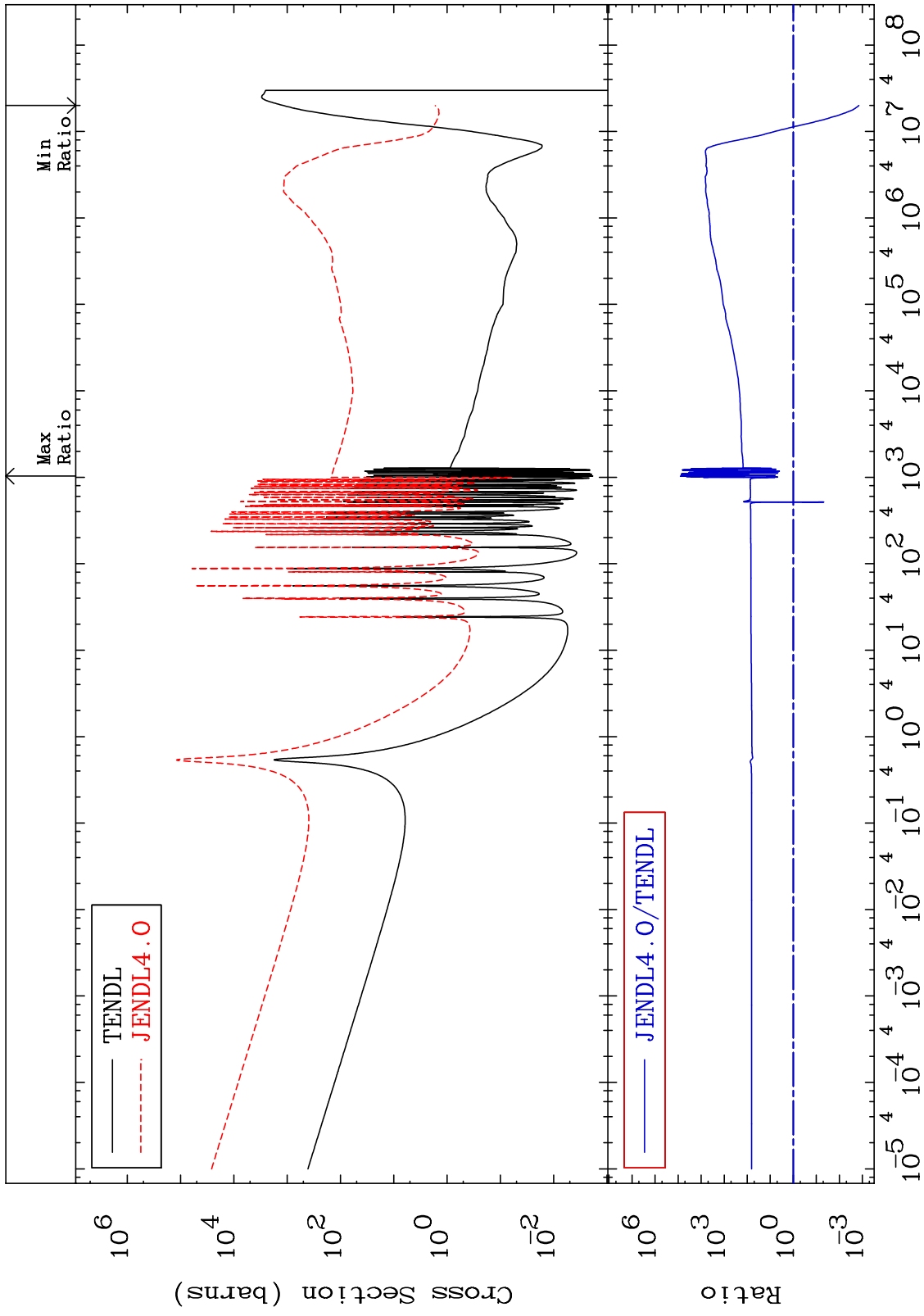
MAT 8834 Dpa inelastic (mt51-91) 88-Ra-226
 Cross Section -100.0 To 923.9 %



MAT 8834

Dpa disappearance (mt102 -120)
Cross Section

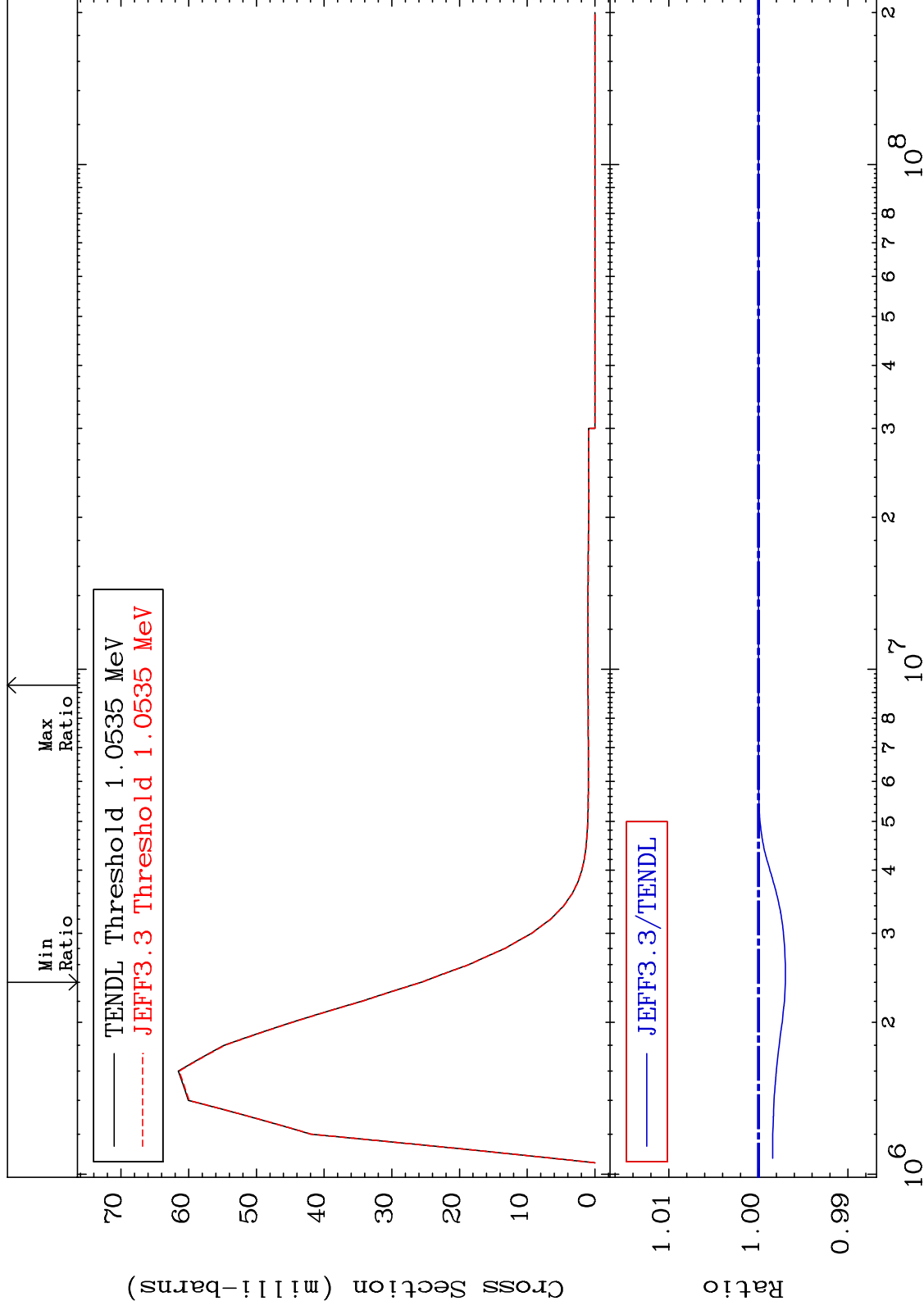
88-Ra-226
-99.86 To 9999. %



MAT 8834

MT= 64 (n,n') Level
Cross Section

88-Ra-226
-0.301 To 0.000 %

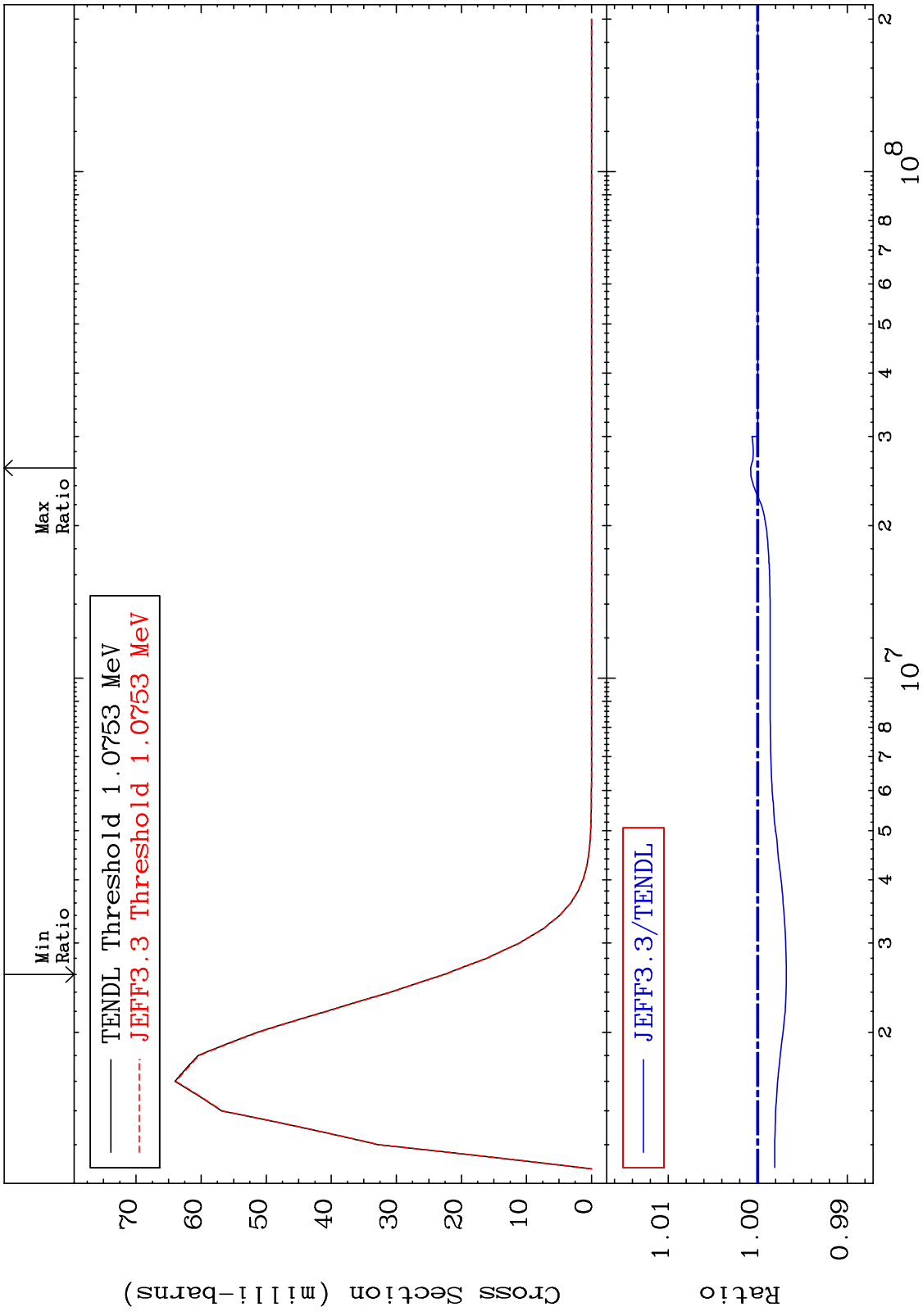


38

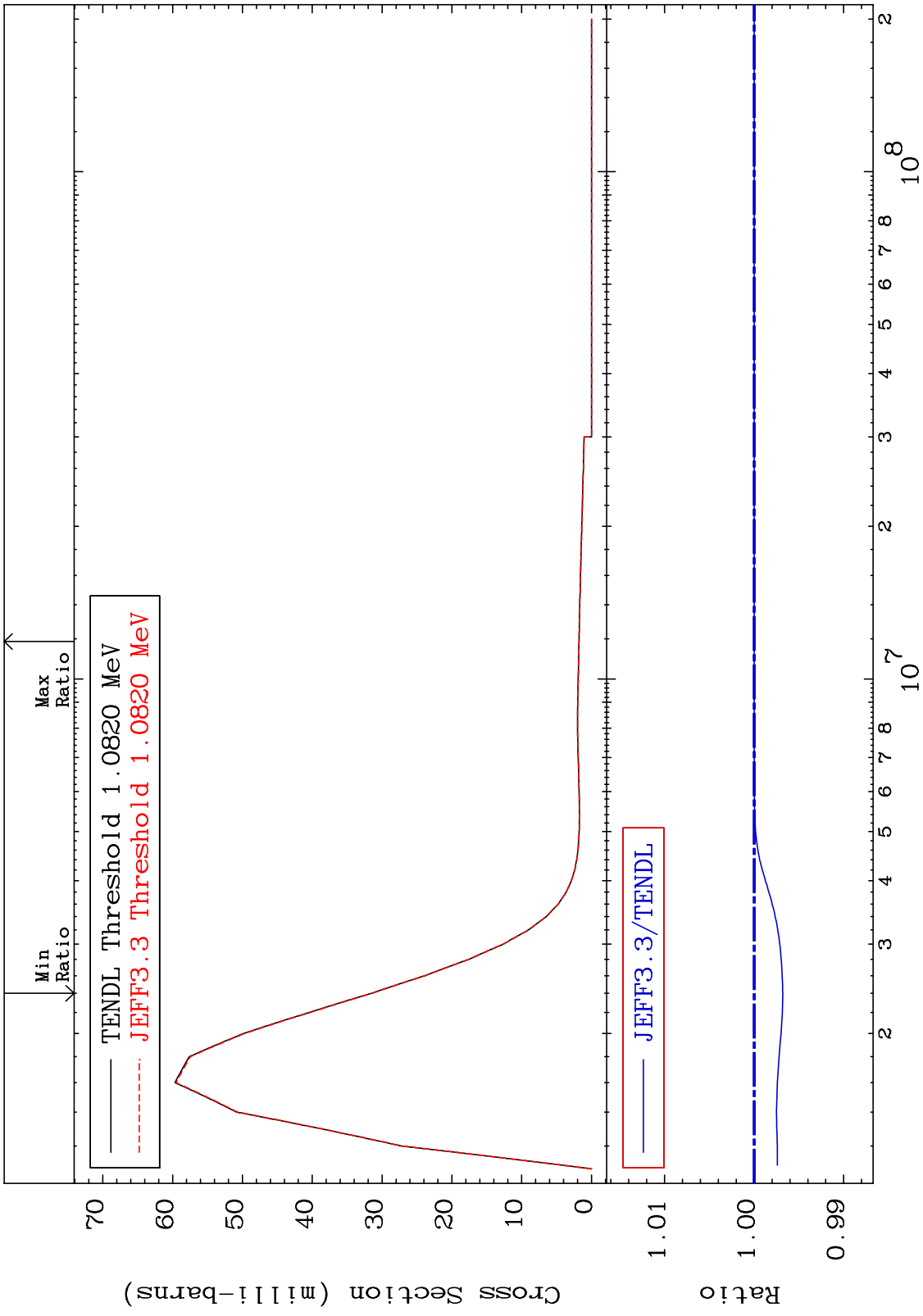
Incident Energy (eV)

88-Ra-226

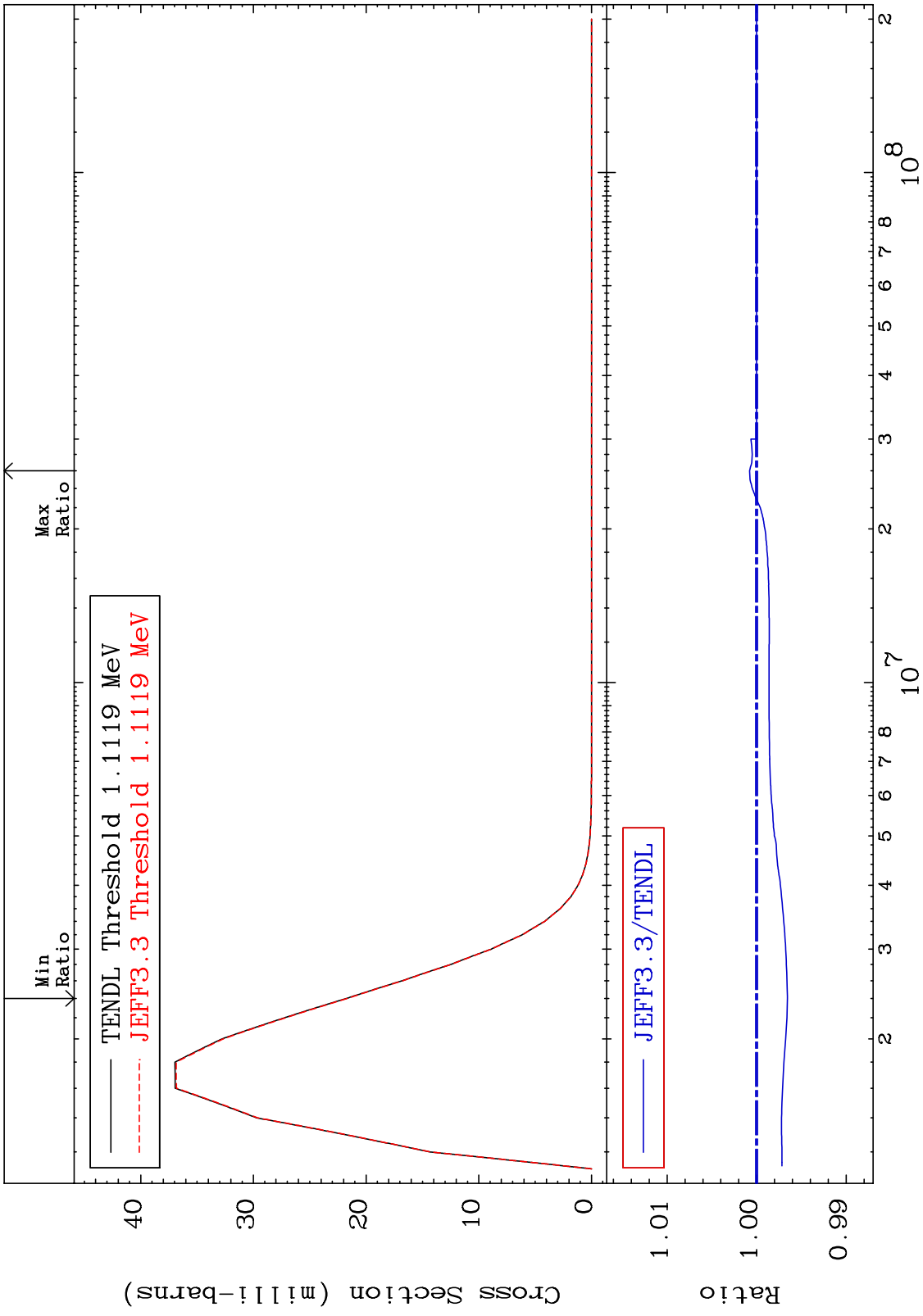
MAT 8834 MT= 65 (n,n') Level Cross Section 88-Ra-226
 -0.319 To 0.079 %



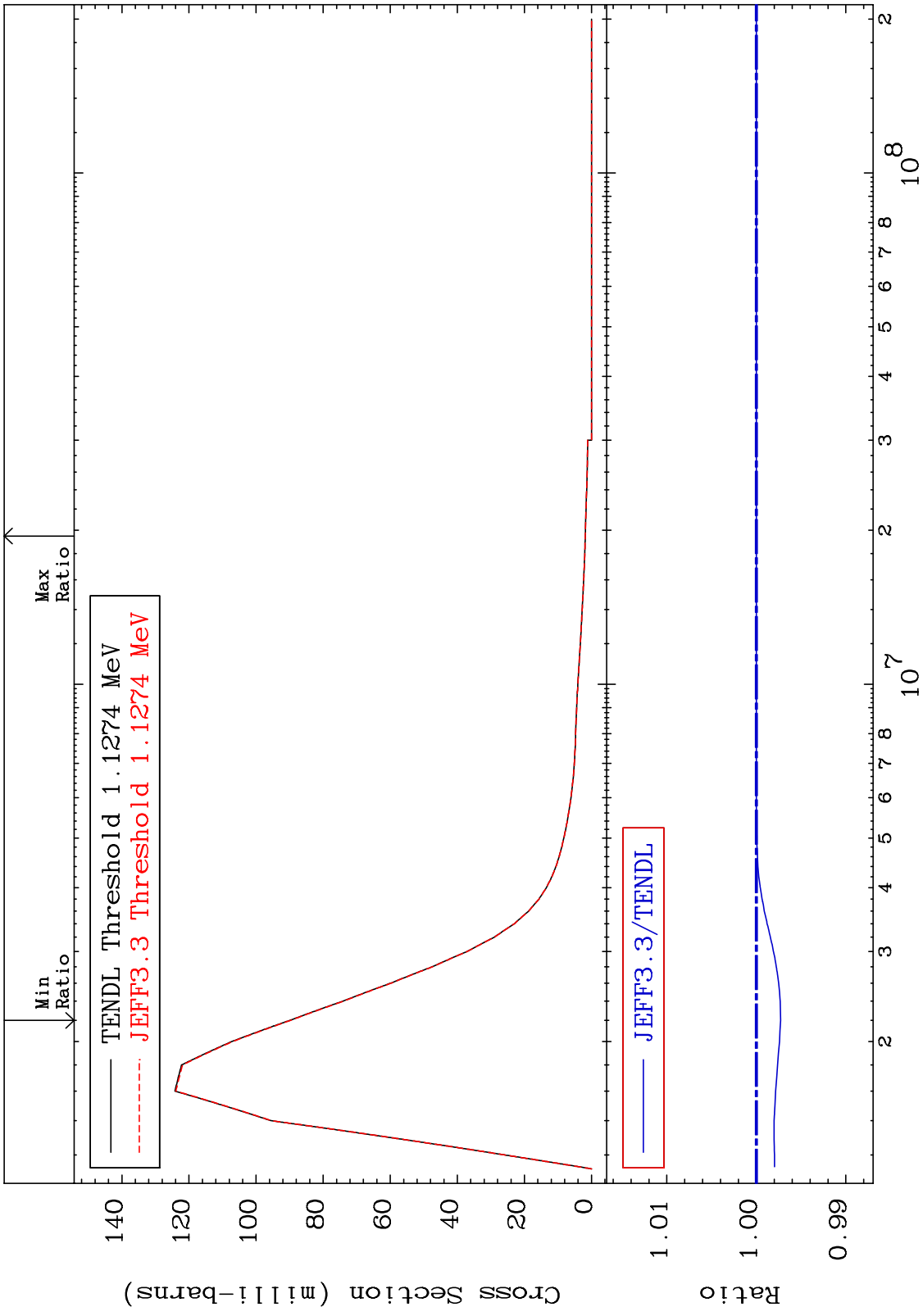
MAT 8834 MT= 66 (n,n') Level Cross Section 88-Ra-226
 -0.320 To 0.000 %



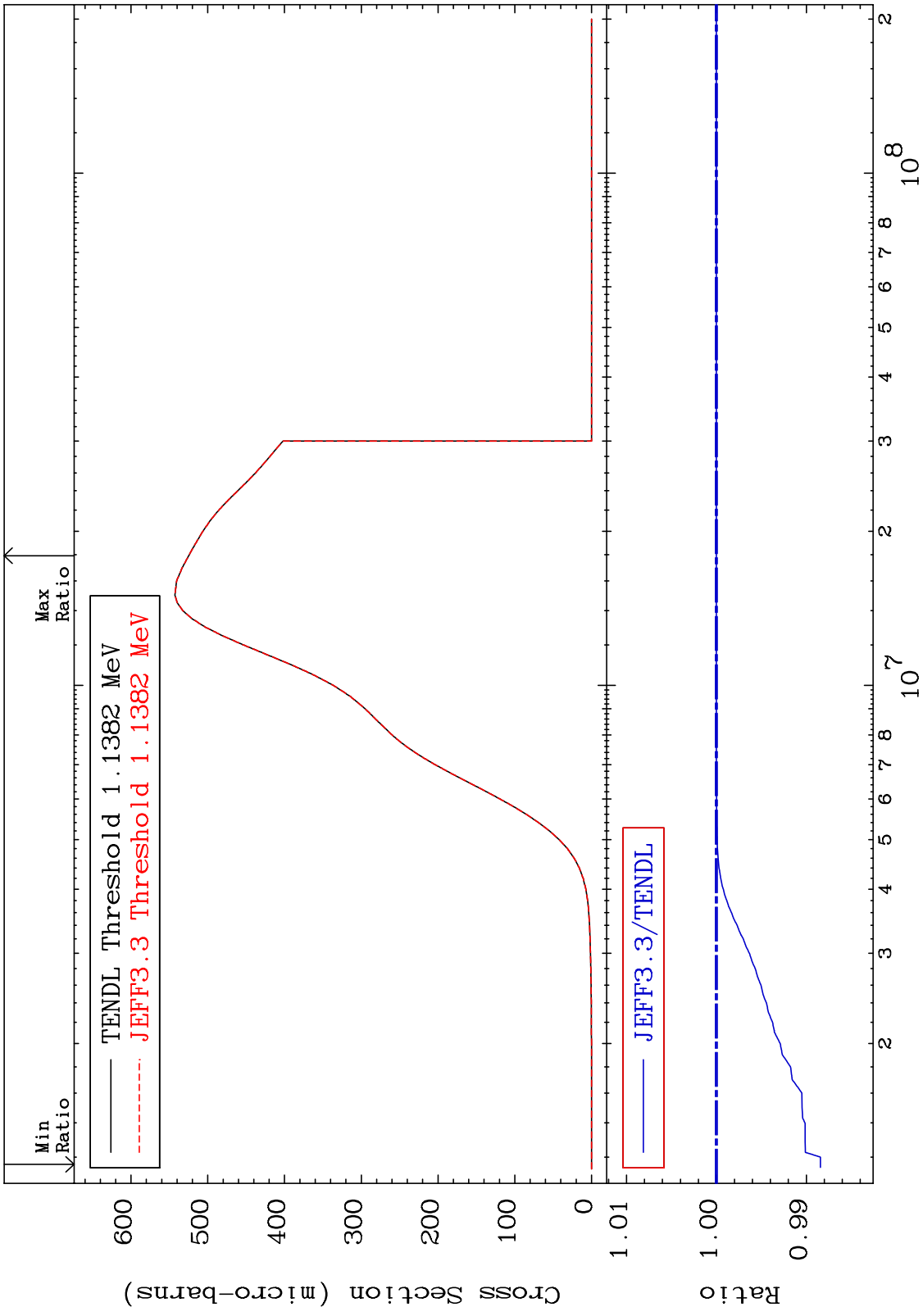
MAT 8834 MT= 67 (n,n') Level Cross Section 88-Ra-226
 -0.343 To 0.079 %



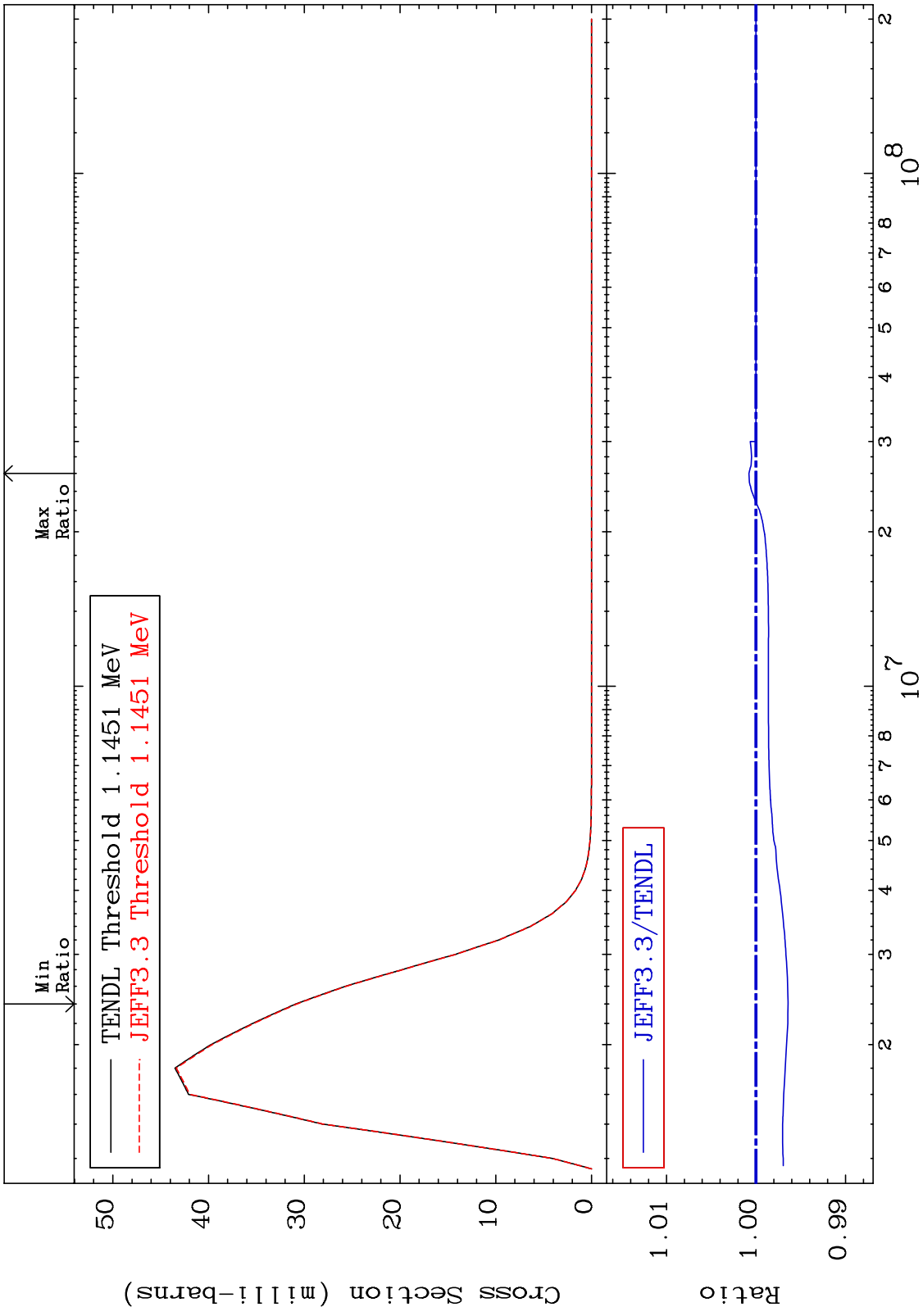
MAT 8834 MT= 68 (n,n') Level Cross Section 88-Ra-226
 -0.270 To 0.000 %



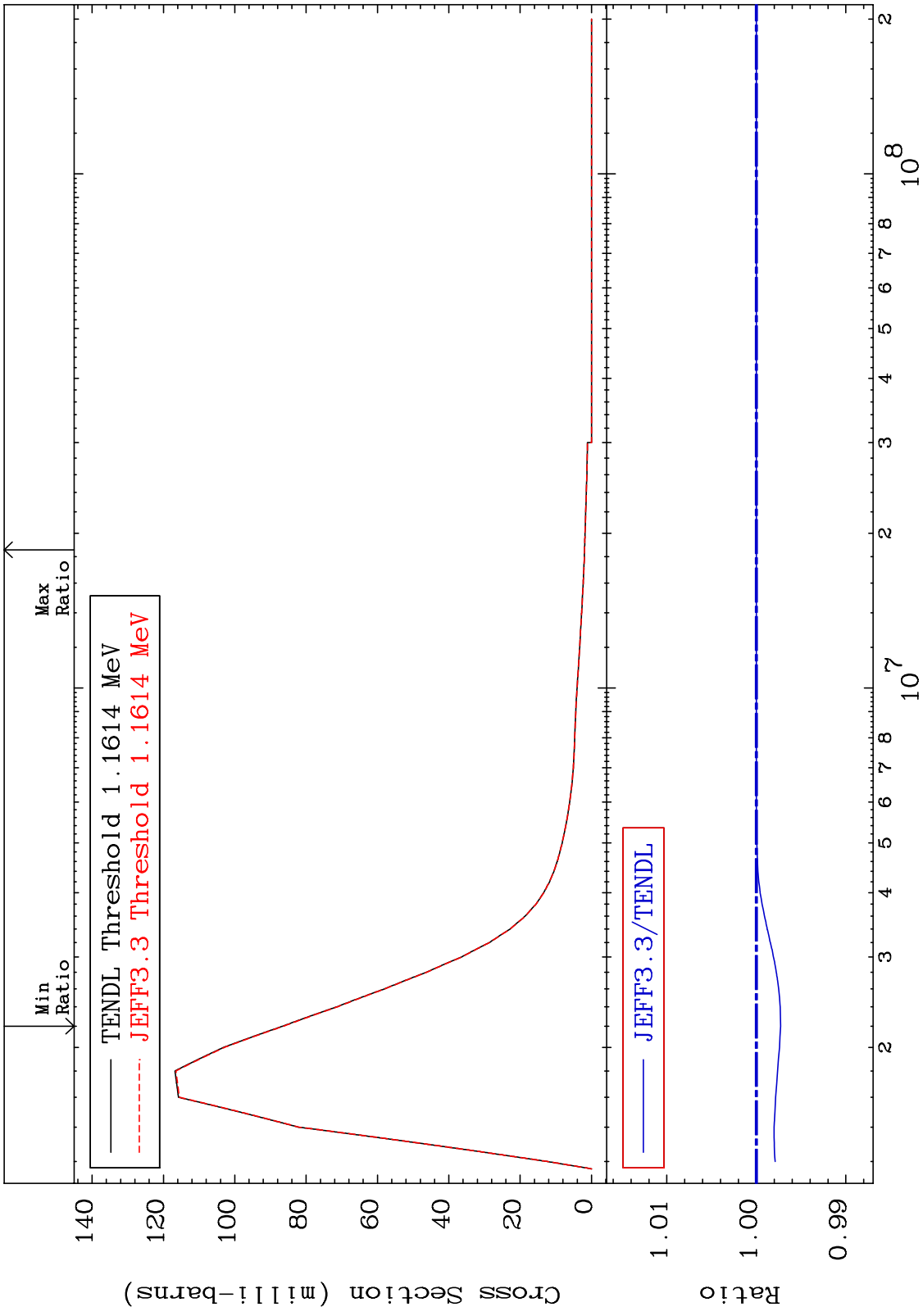
MAT 8834 MT= 69 (n, n') Level Cross Section 88-Ra-226
 -1.157 To 0.000 %



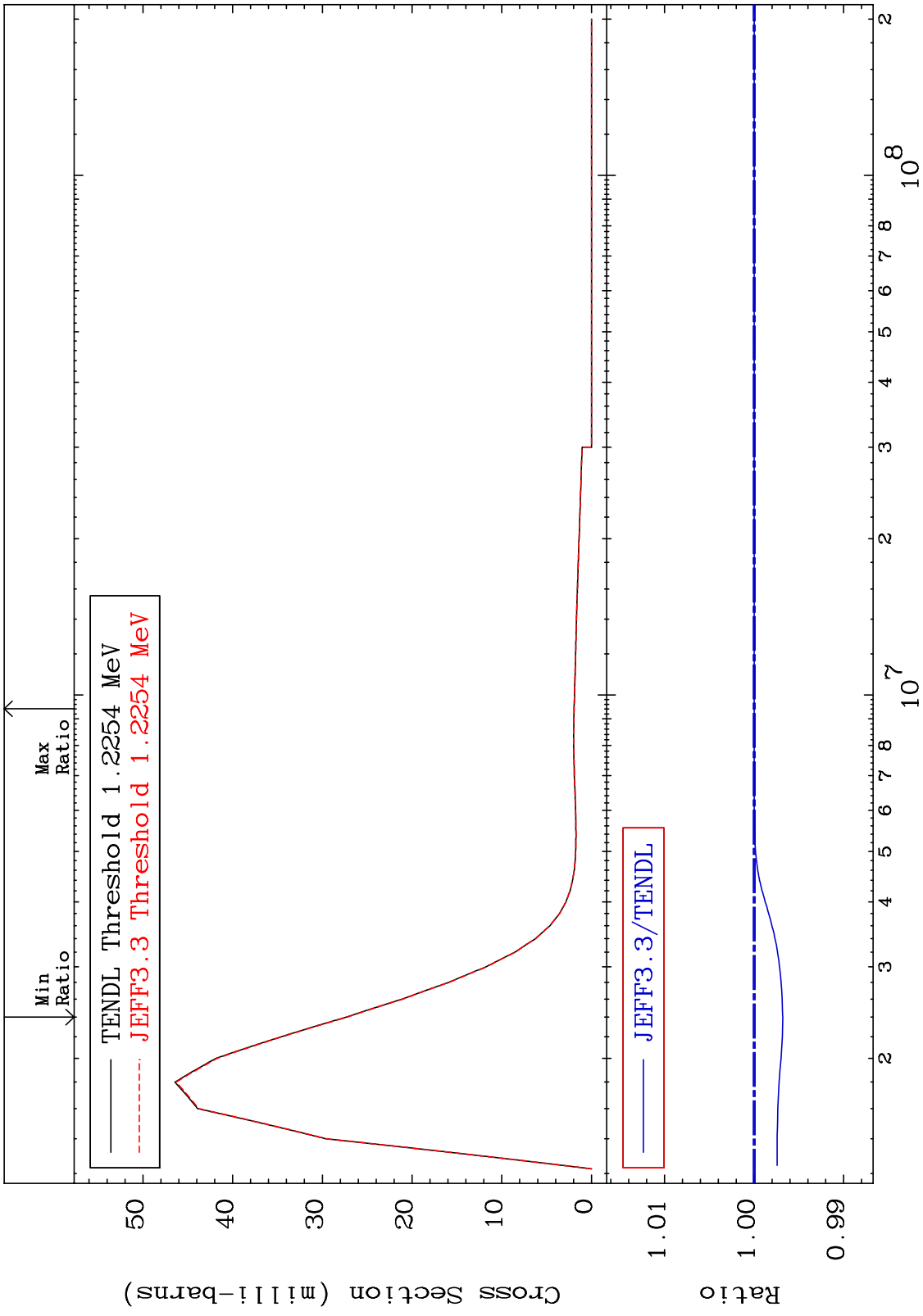
MAT 8834 MT= 70 (n,n') Level Cross Section 88-Ra-226 -0.359 To 0.080 %



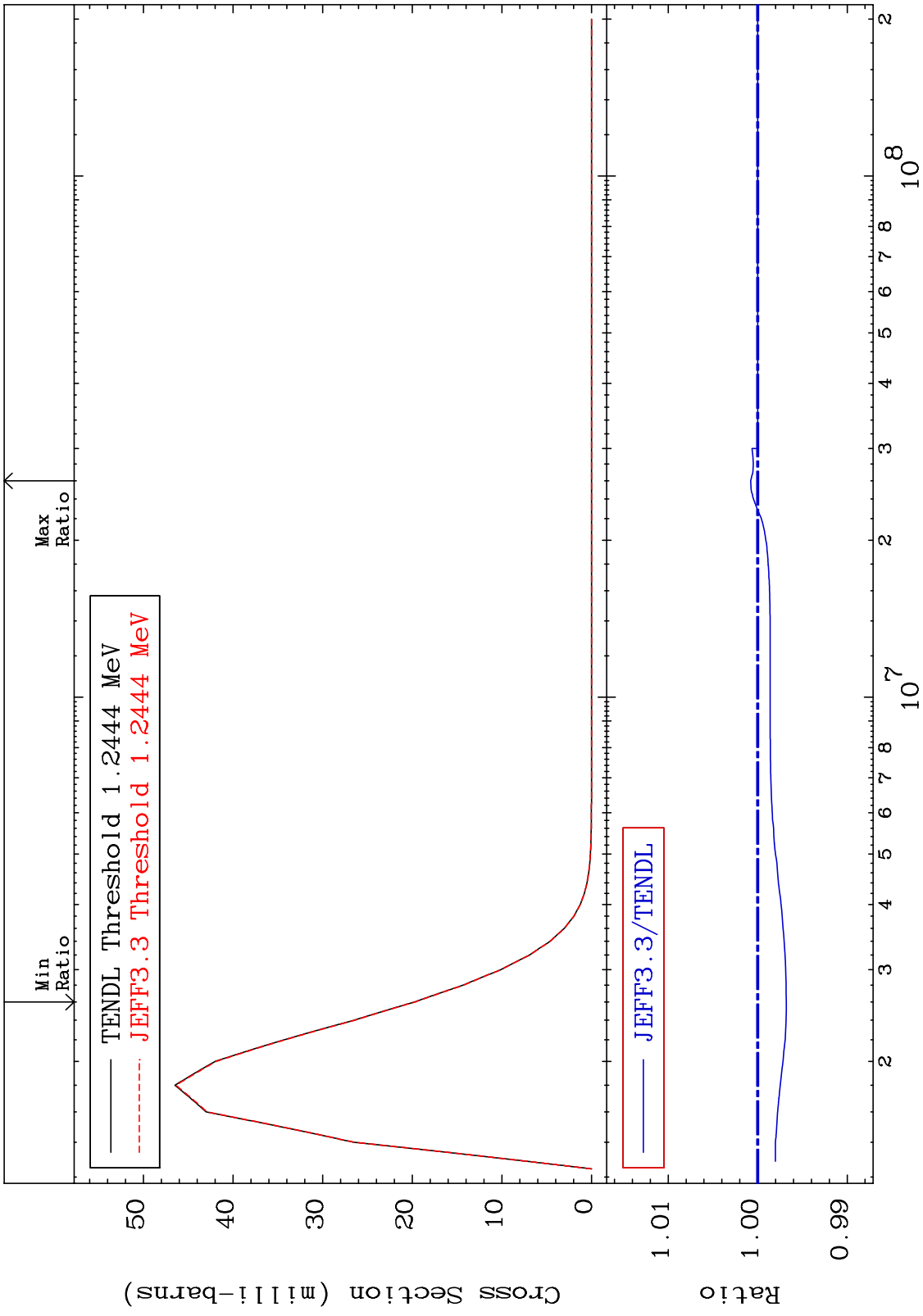
MAT 8834 MT= 71 (n,n') Level Cross Section 88-Ra-226
 -0.270 To 0.000 %



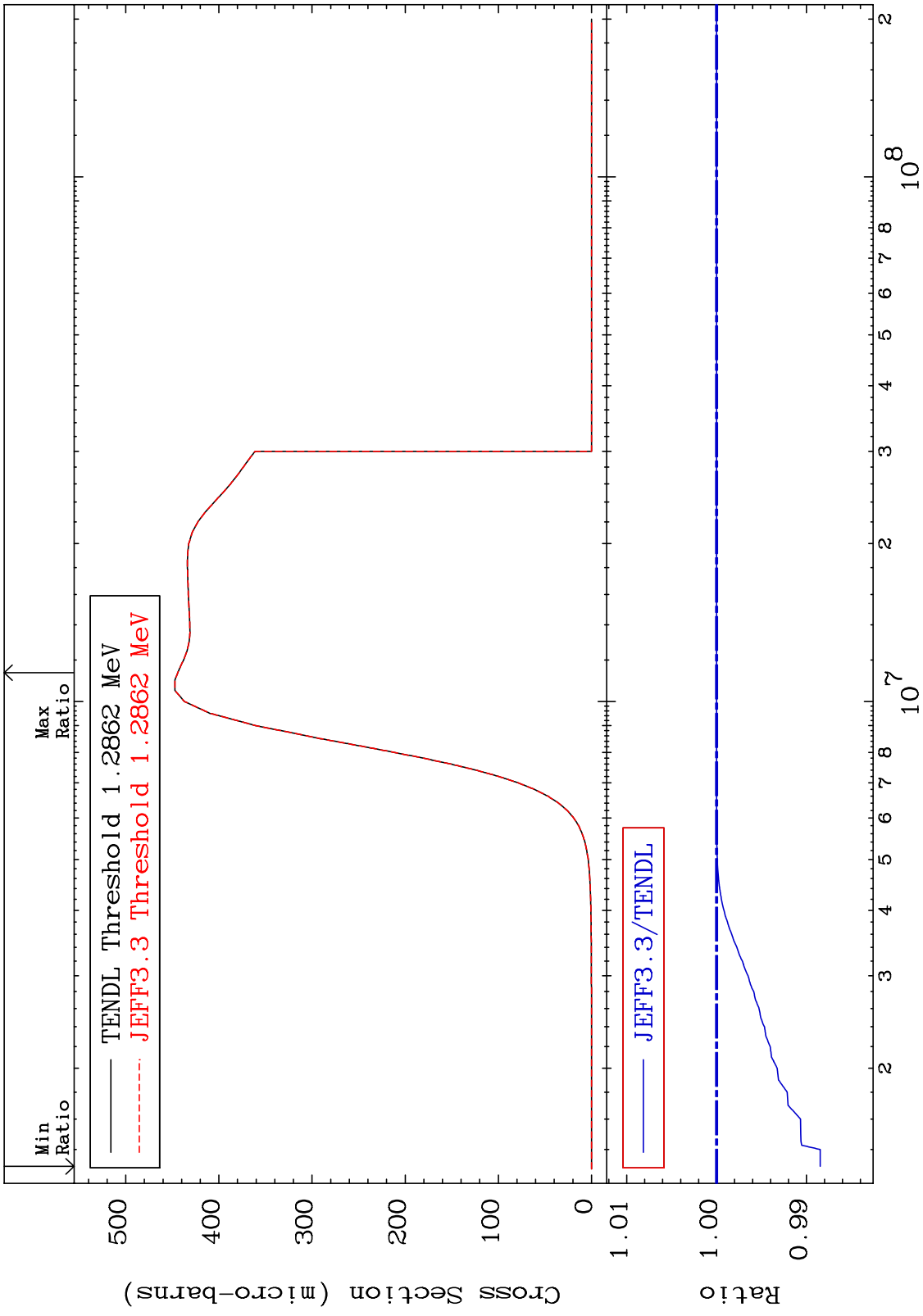
MAT 8834 MT= 72 (n,n') Level Cross Section 88-Ra-226
 -0.320 To 0.000 %



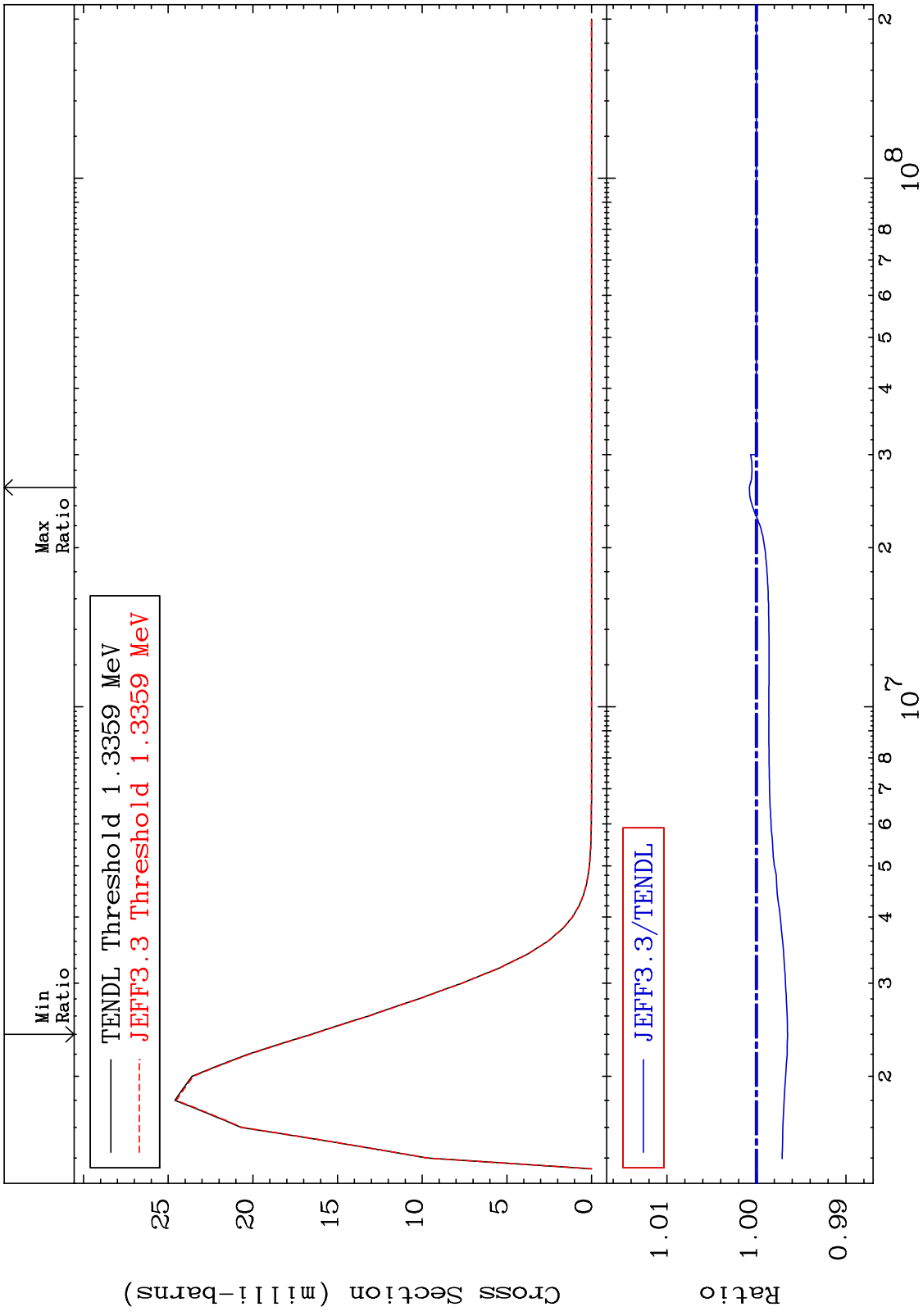
MAT 8834 MT= 73 (n,n') Level Cross Section 88-Ra-226
 -0.319 To 0.079 %



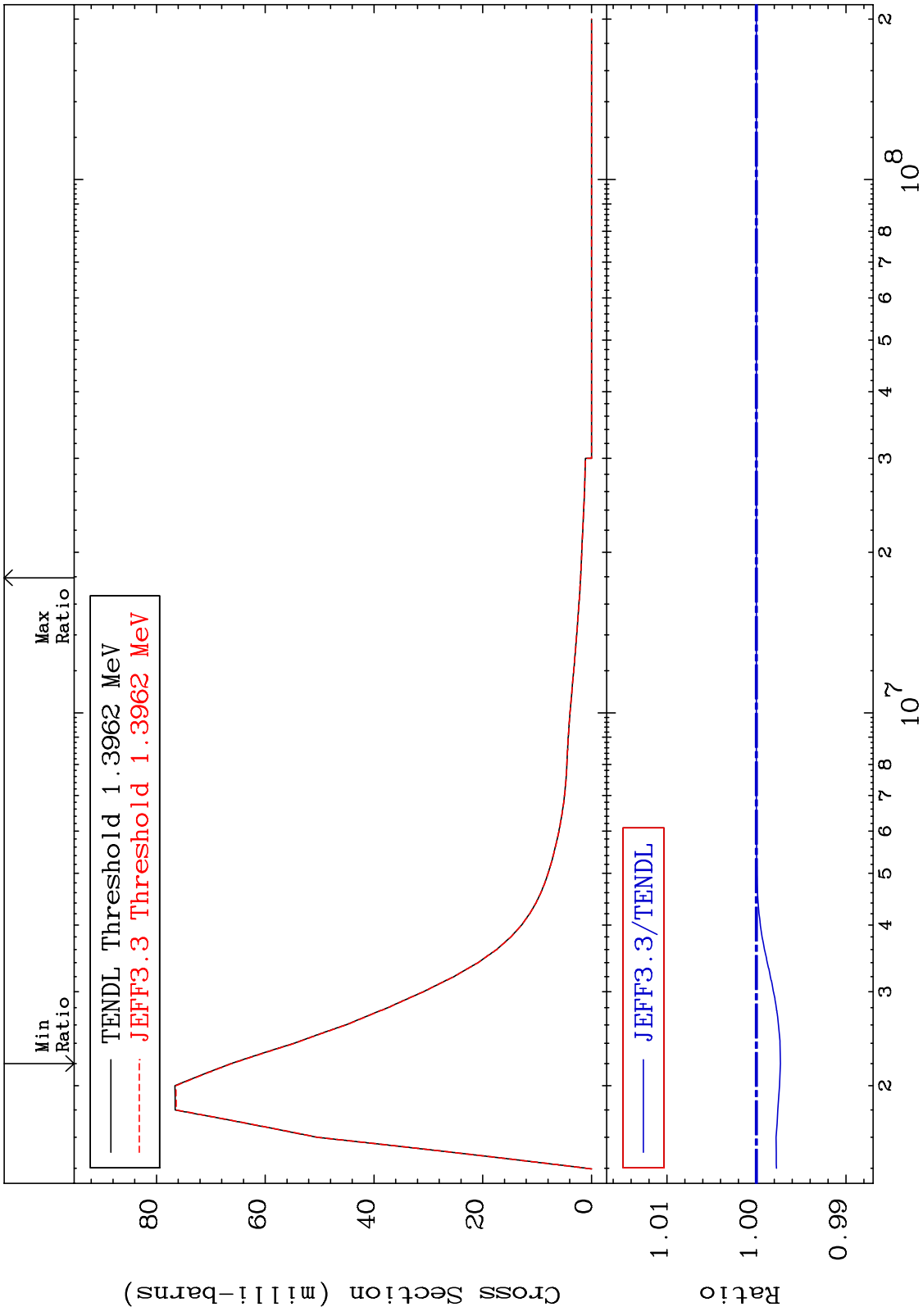
MAT 8834 MT= 74 (n,n') Level Cross Section 88-Ra-226
 -1.153 To 0.000 %



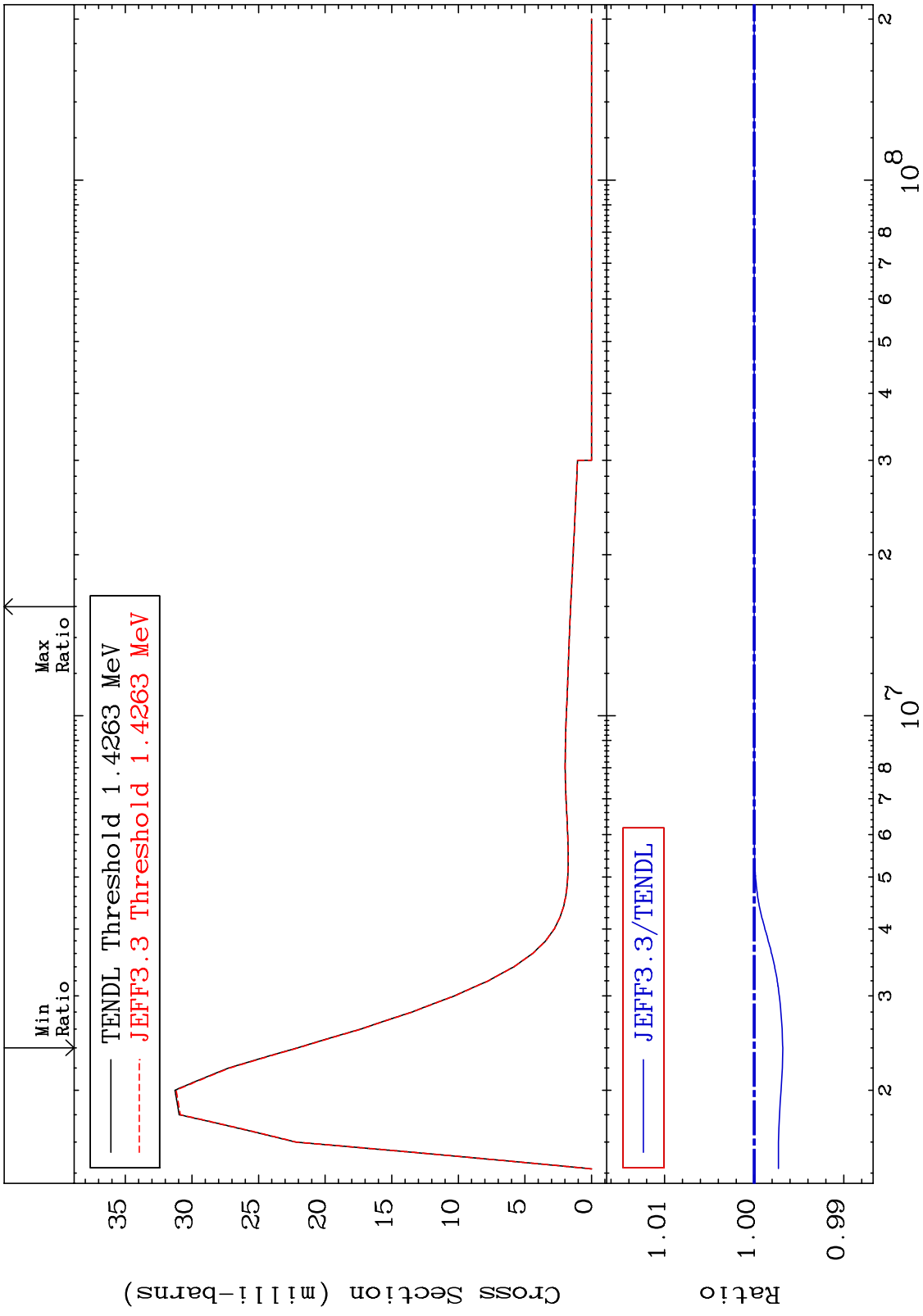
MAT 8834 MT= 75 (n,n') Level Cross Section 88-Ra-226
 -0.347 To 0.080 %



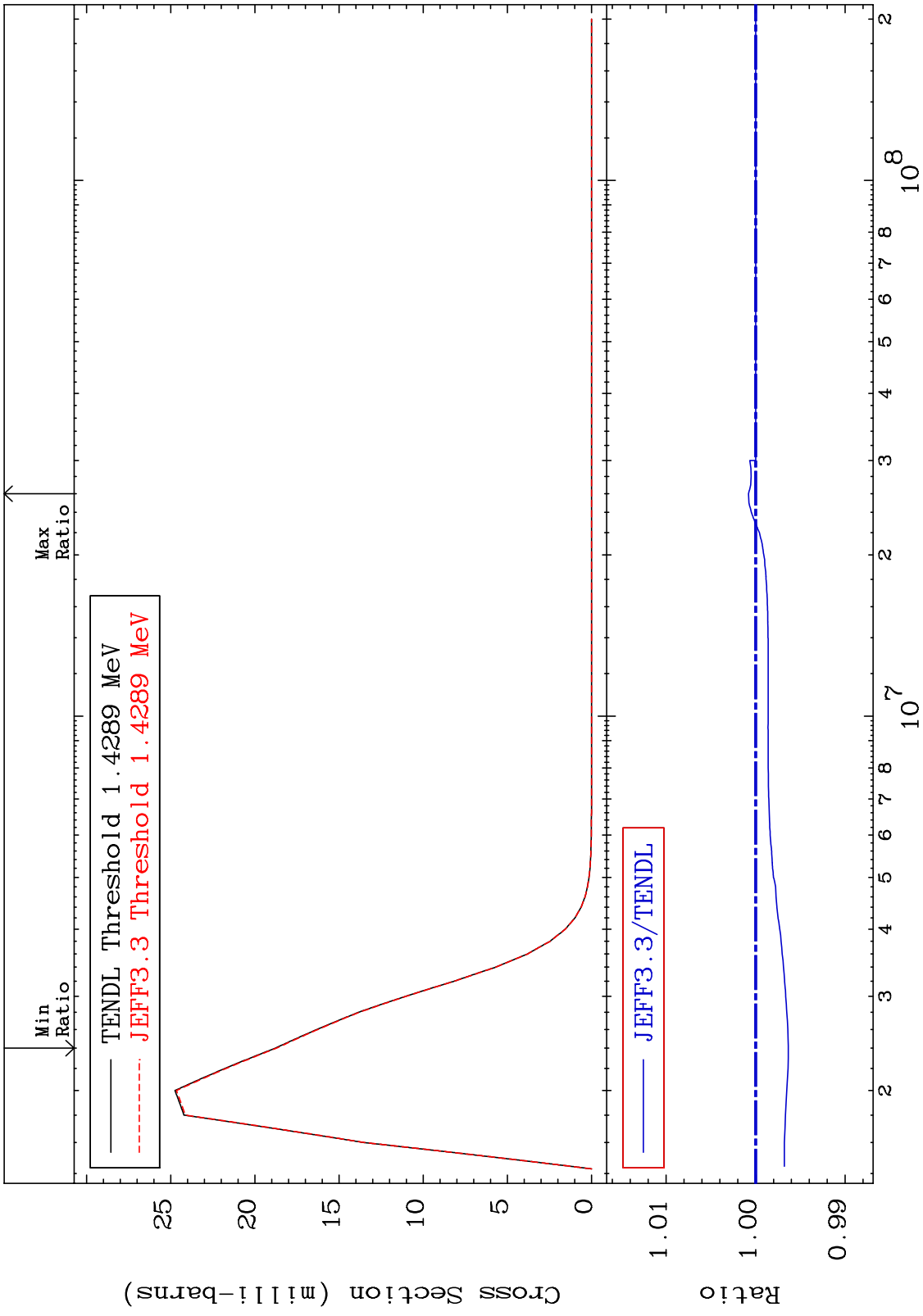
MAT 8834 MT= 76 (n,n') Level Cross Section 88-Ra-226
 -0.269 To 0.000 %



MAT 8834 MT= 77 (n,n') Level Cross Section 88-Ra-226
 -0.319 To 0.000 %



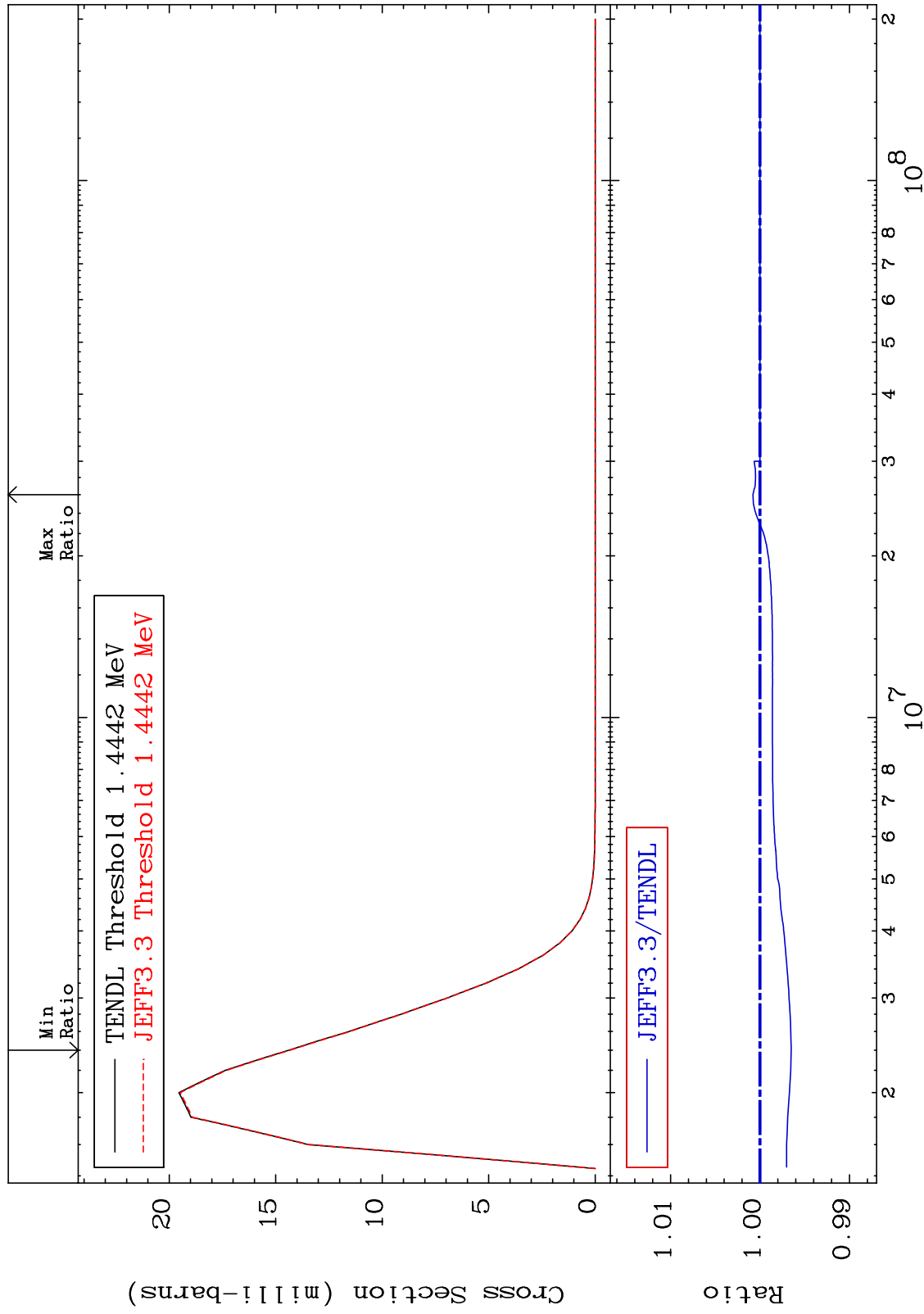
MAT 8834 MT= 78 (n,n') Level Cross Section 88-Ra-226
 -0.366 To 0.079 %



MAT 8834

MT= 79 (n,n') Level
Cross Section

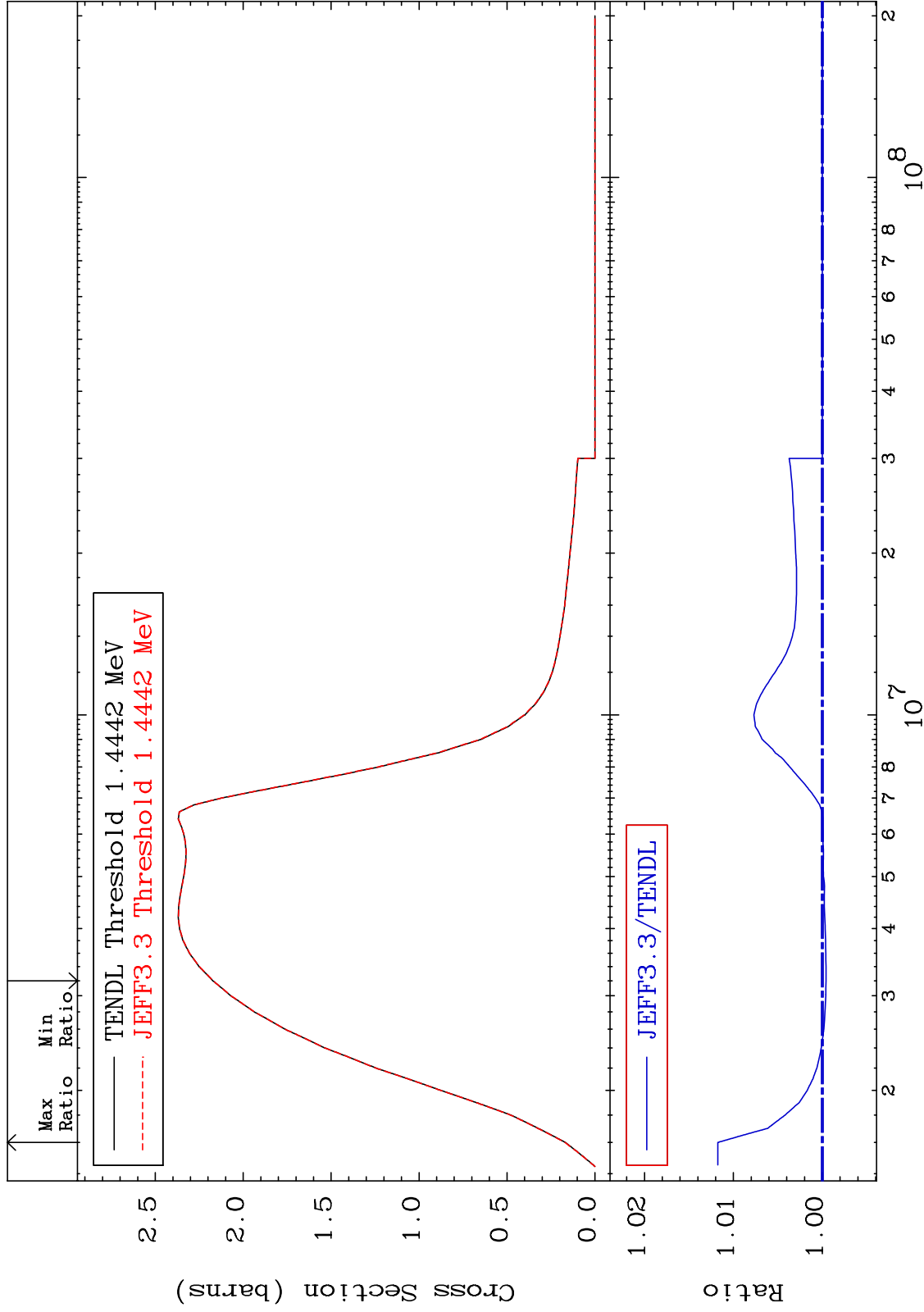
88-Ra-226
-0.349 To 0.080 %



MAT 8834

(n,n') Continuum
Cross Section

88-Ra-226
-0.041 To 1.176 %



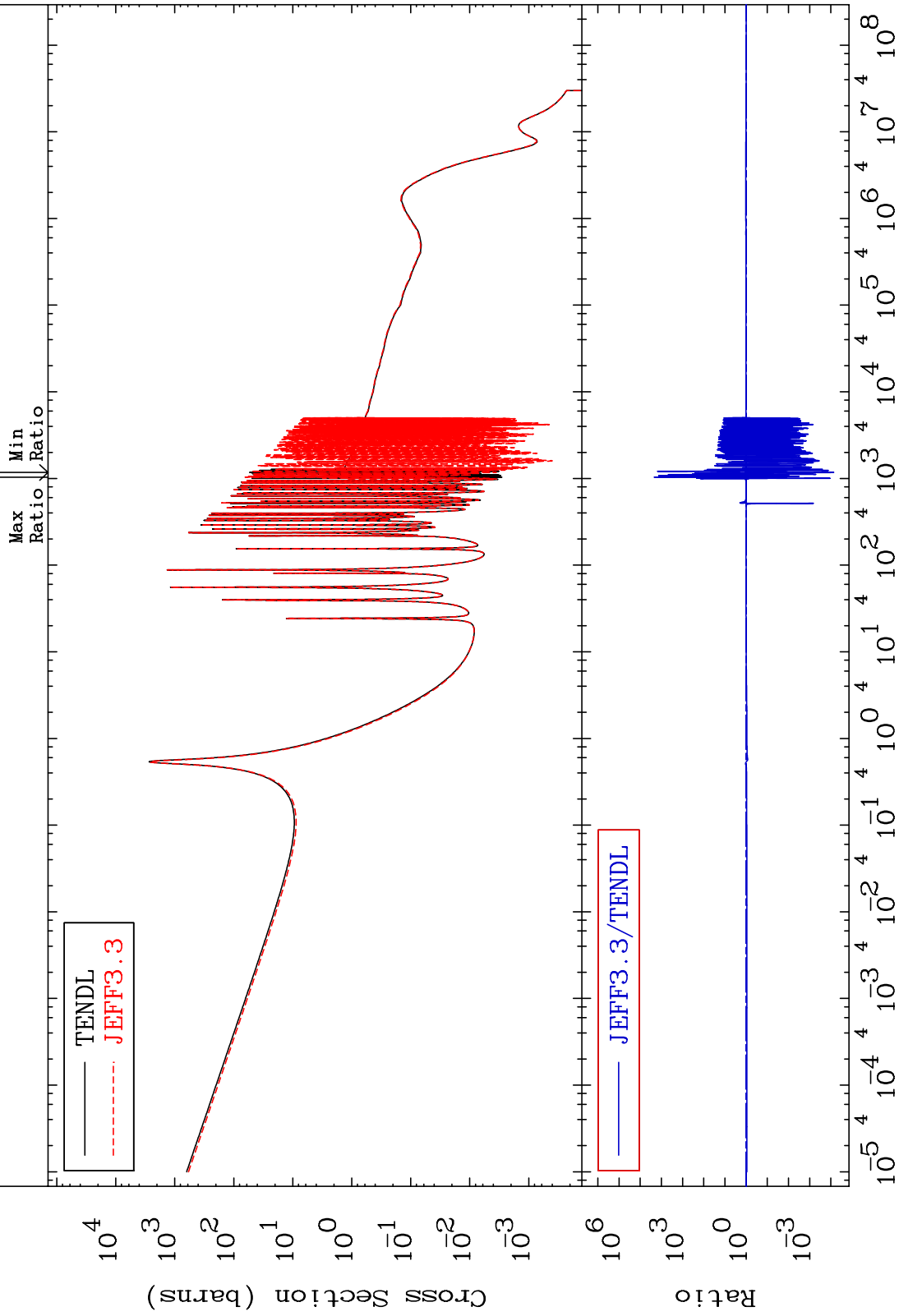
MAT 8834

(n, γ)

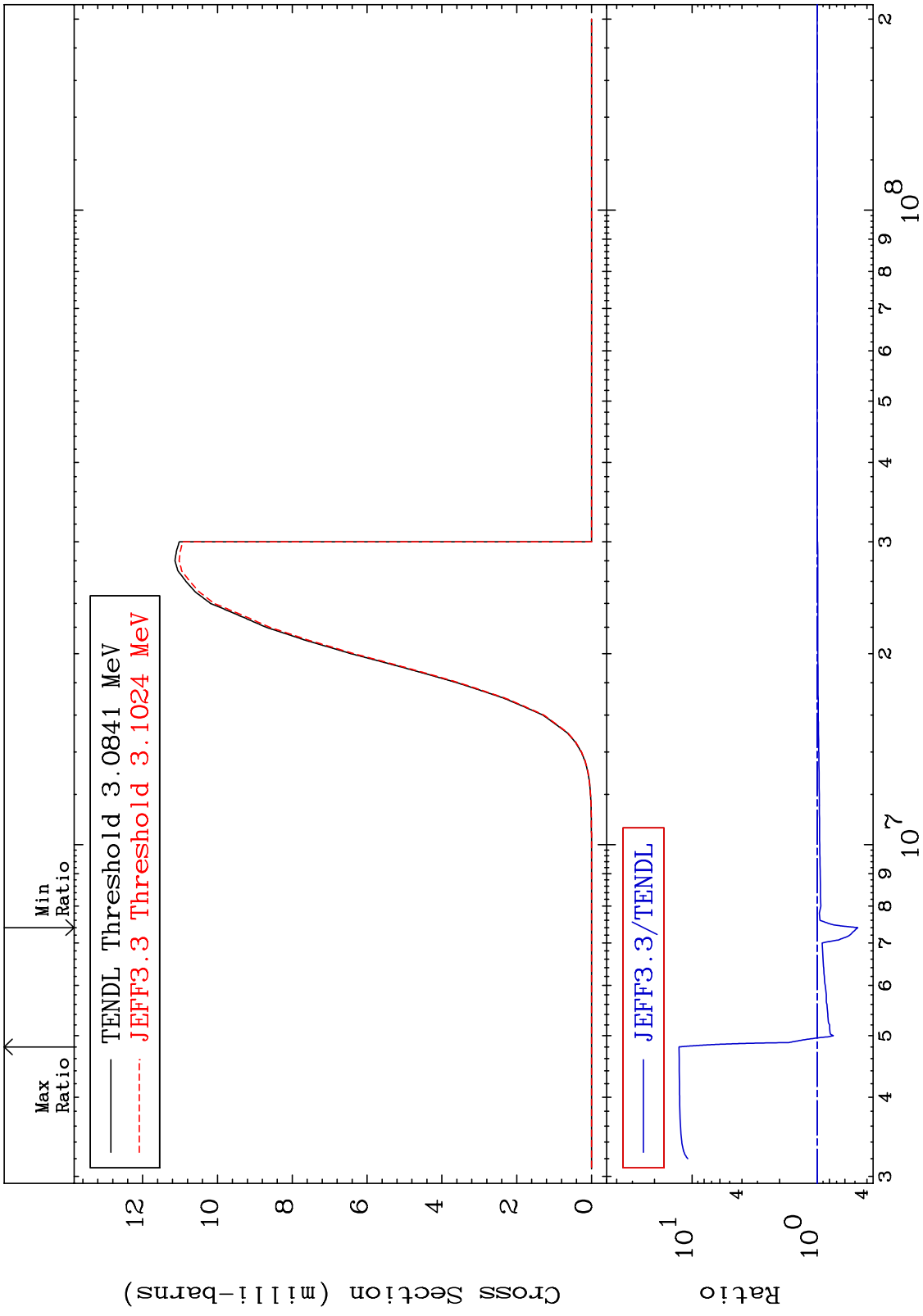
88-Ra-226

-99.99 To 9999. %

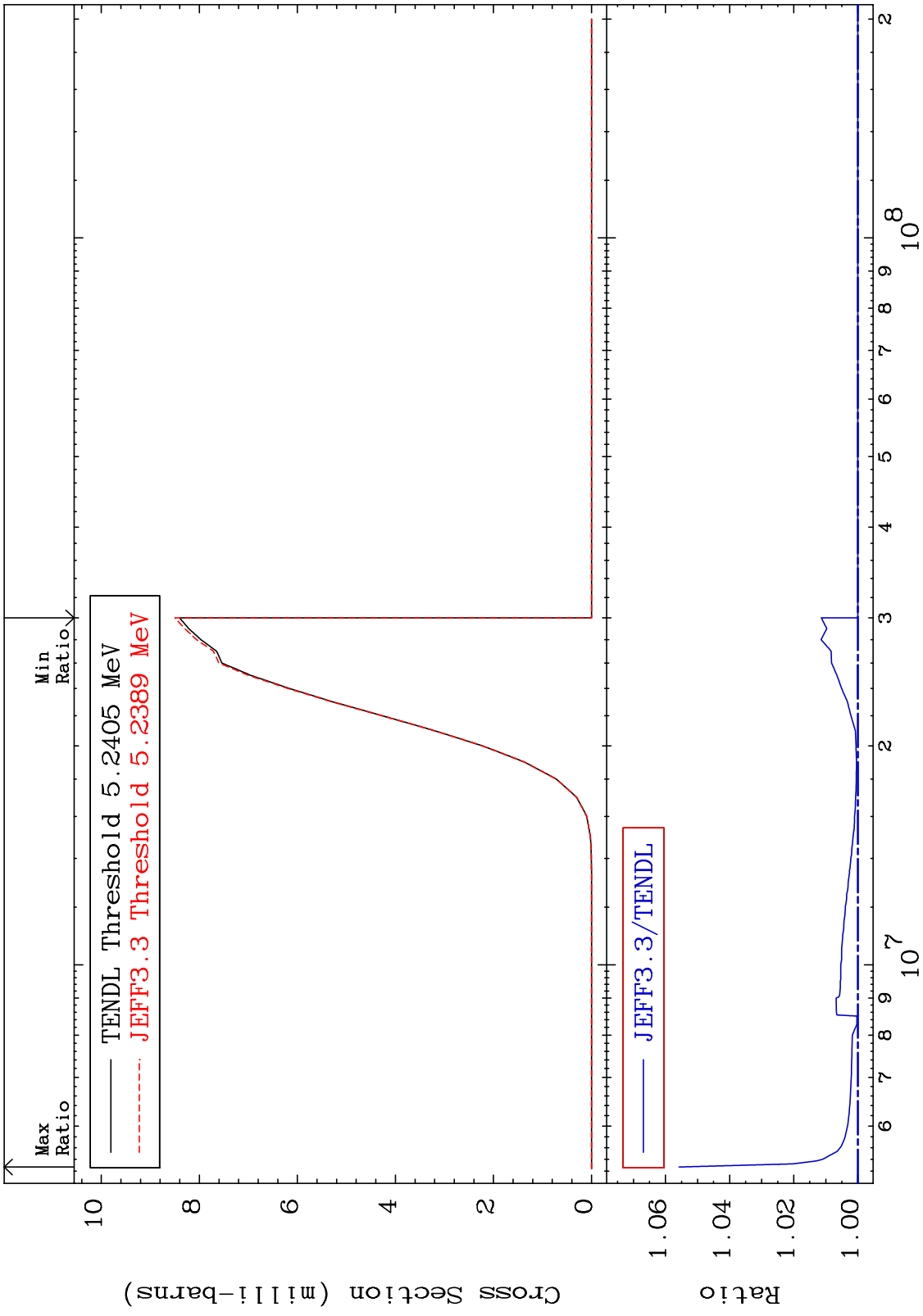
Cross Section



MAT 8834 (n,p) Cross Section 88-Ra-226
-52.65 To 1171. %



MAT 8834 (n,d) Cross Section 88-Ra-226 To 5.578 %



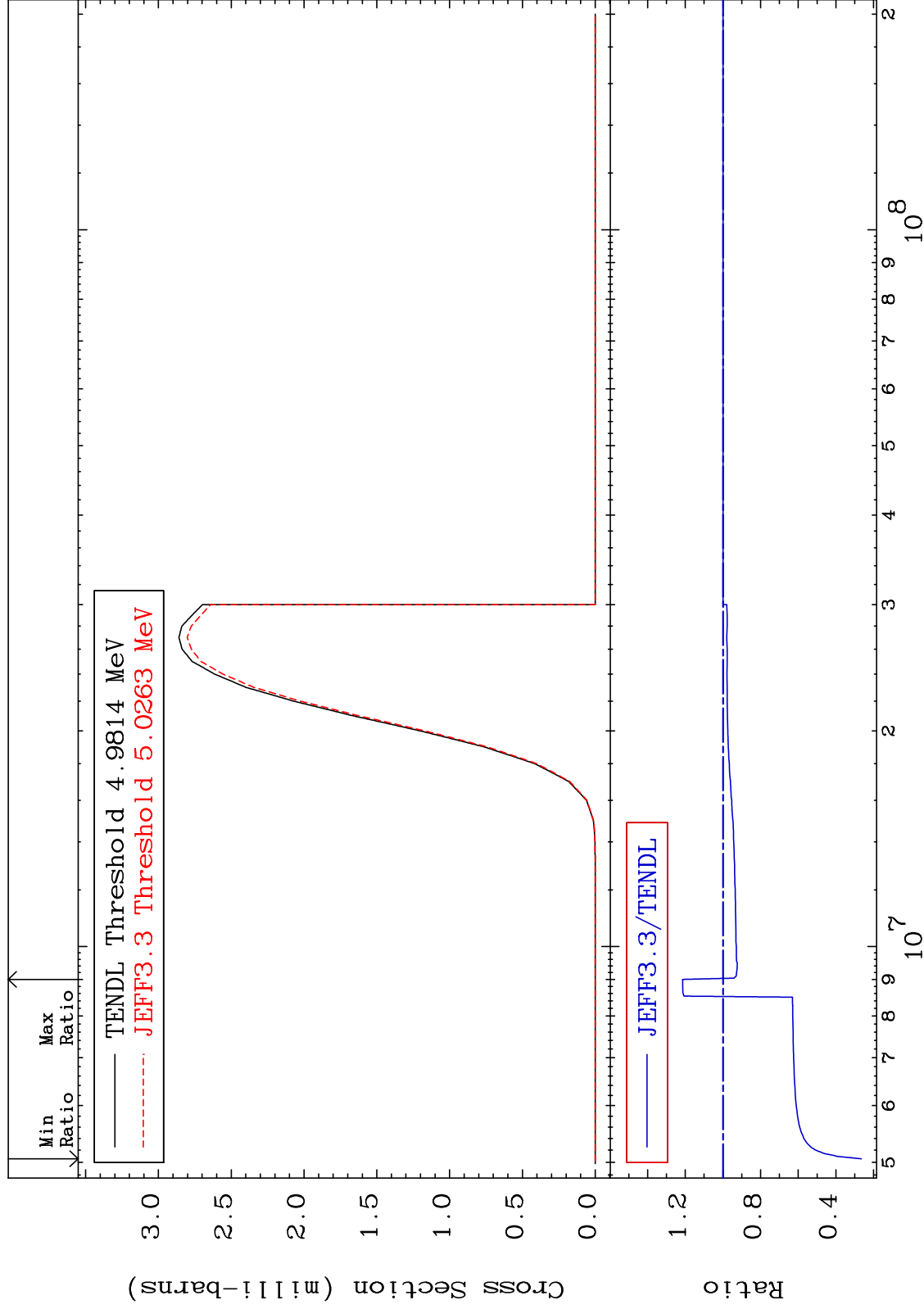
MAT 8834

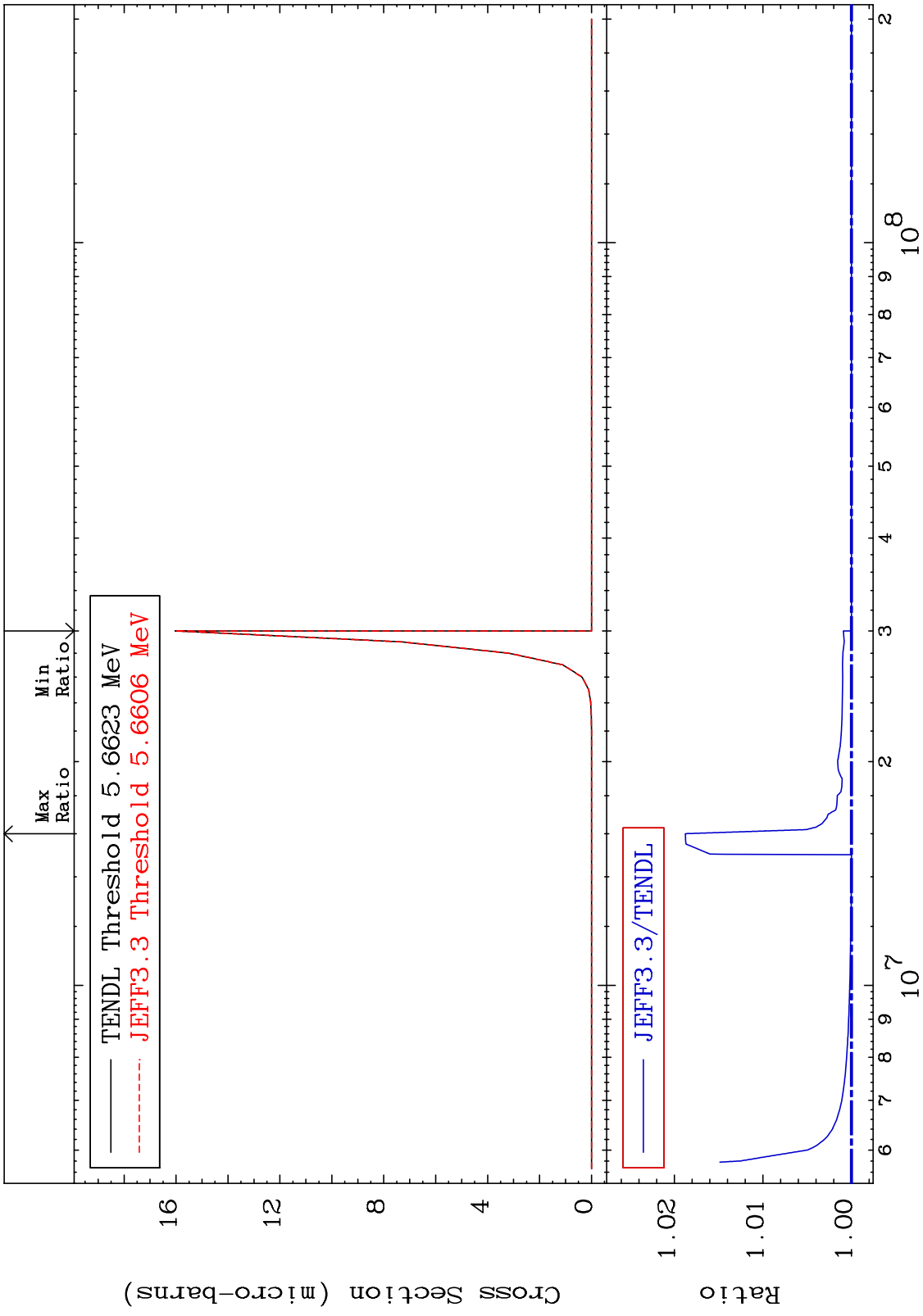
(n, t)

88-Ra-226

Cross Section

-73.51 To 21.39 %





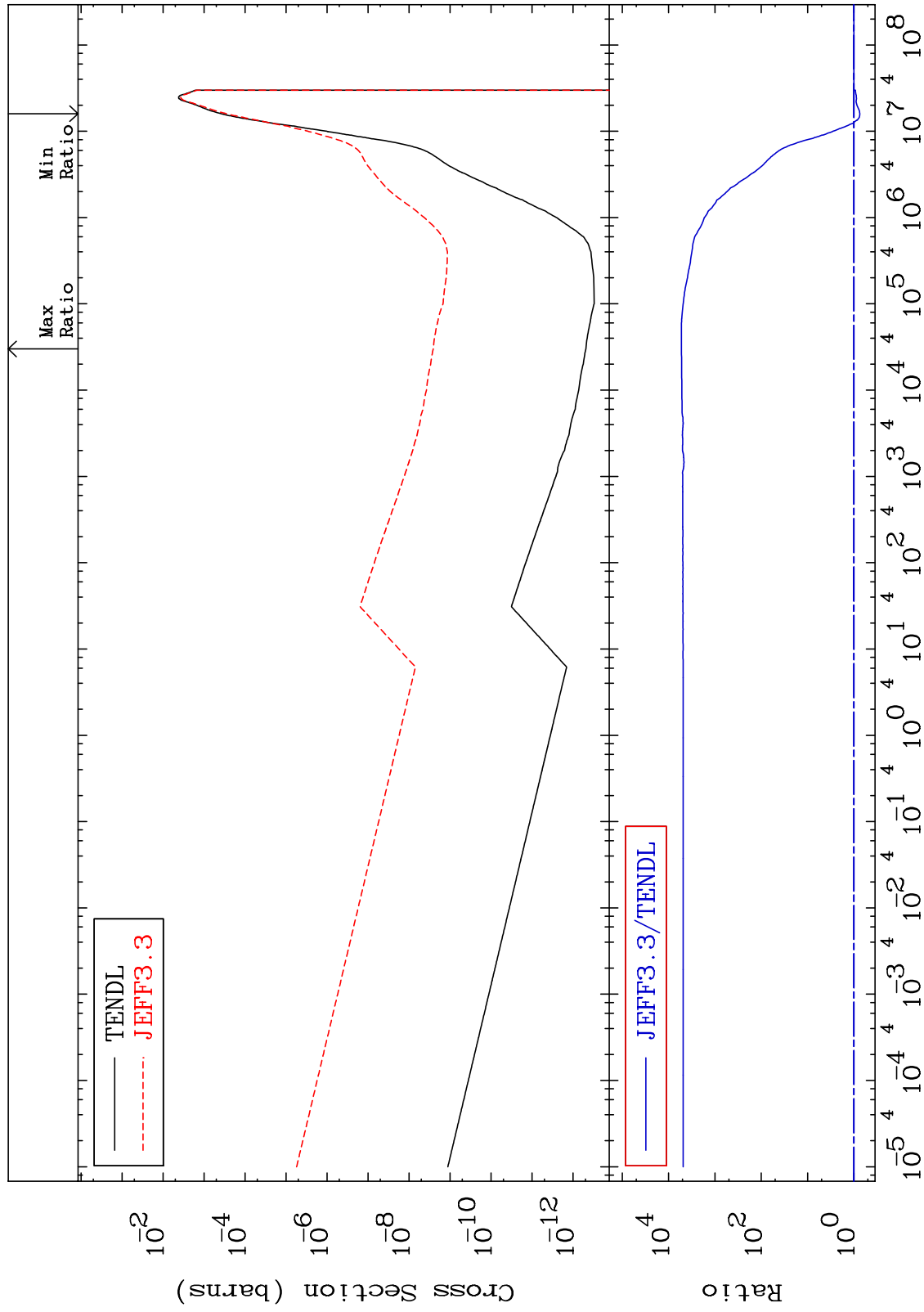
MAT 8834

(n, α)

88-Ra-226

Cross Section

-25.36 To 9999. %



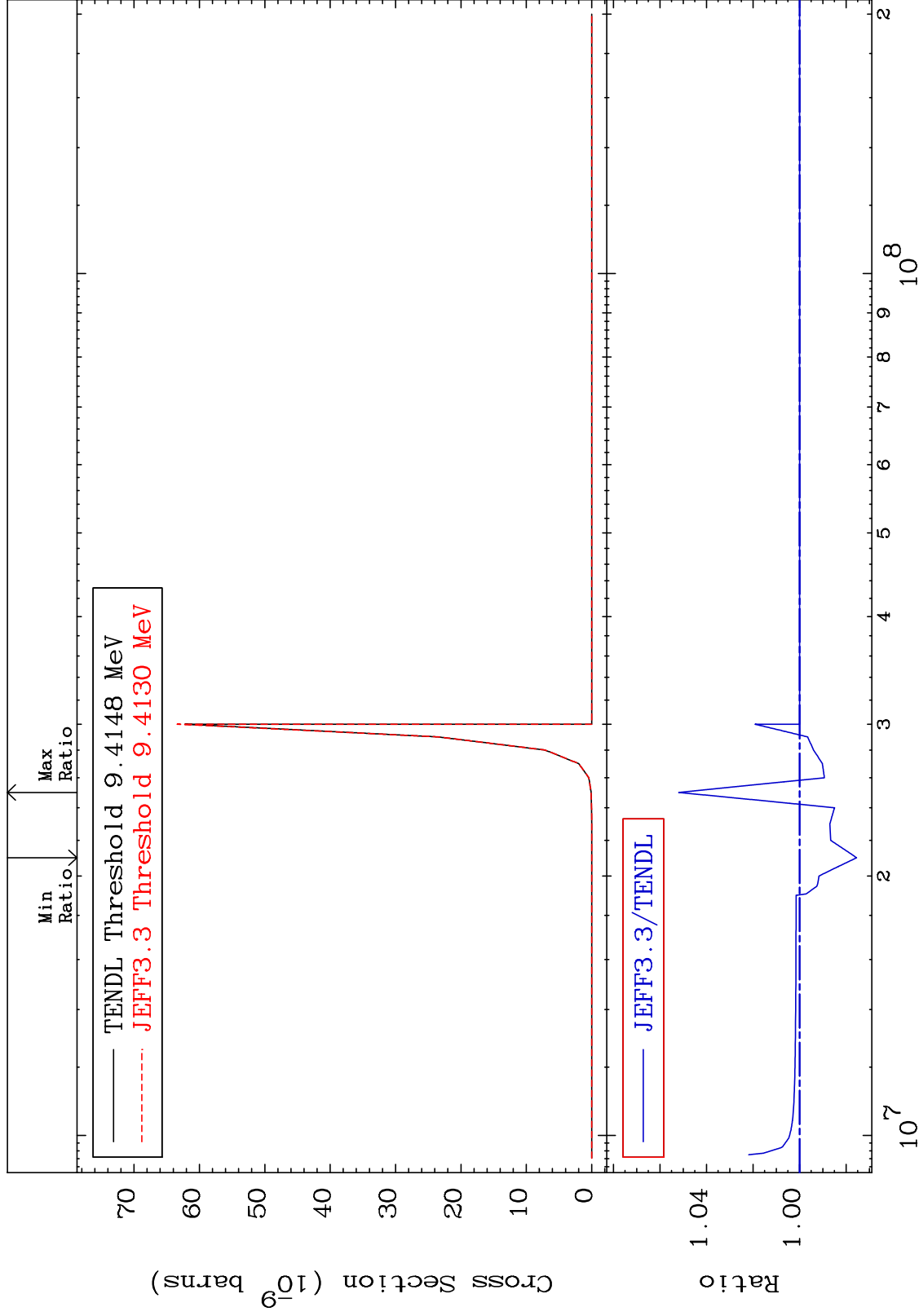
MAT 8834

(n,2p)

88-Ra-226

Cross Section

-2.453 To 5.190 %



61

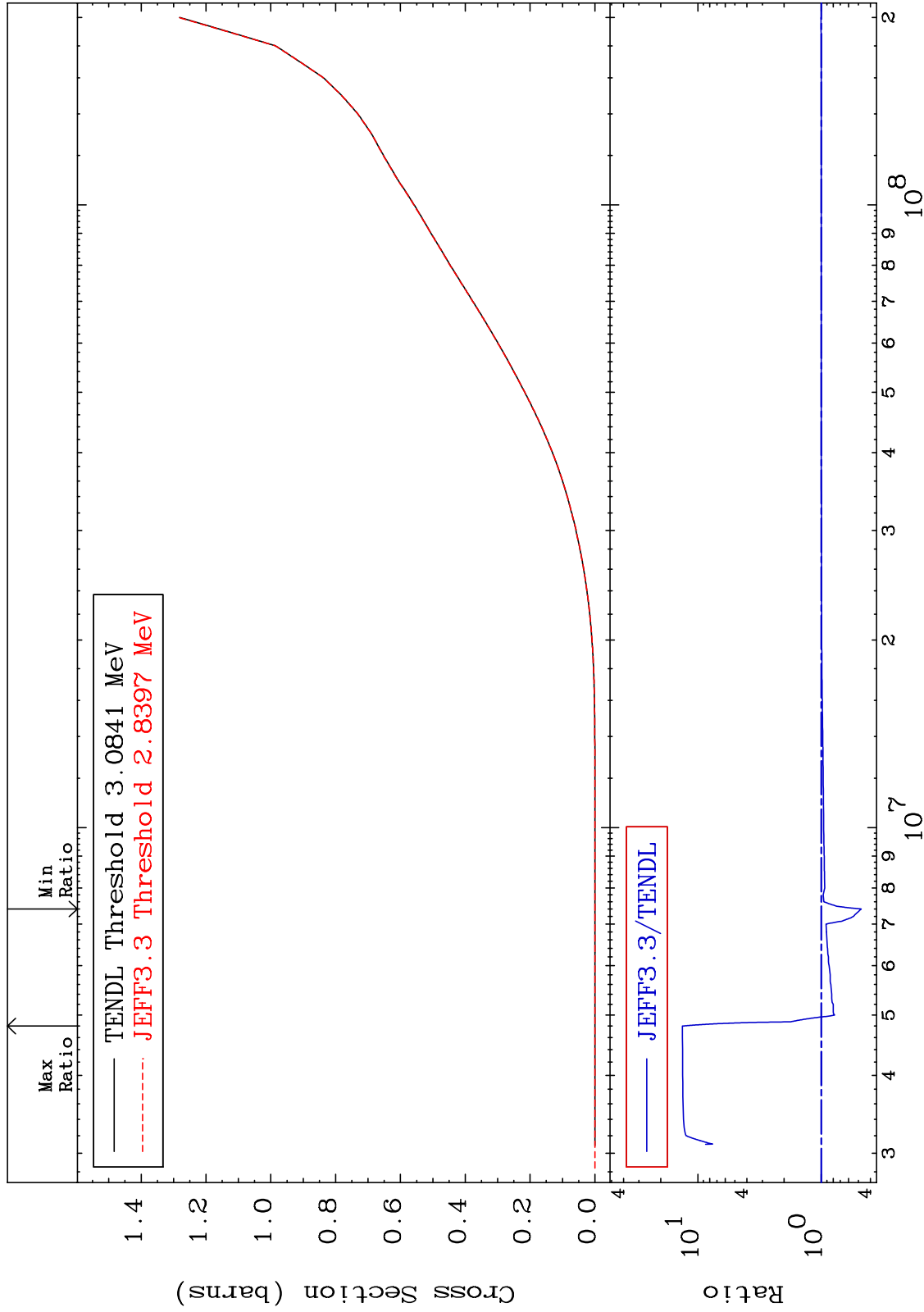
Incident Energy (eV)

88-Ra-226

MAT 8834

Hydrogen Production
Cross Section

88-Ra-226
-52.65 To 1232. %



62

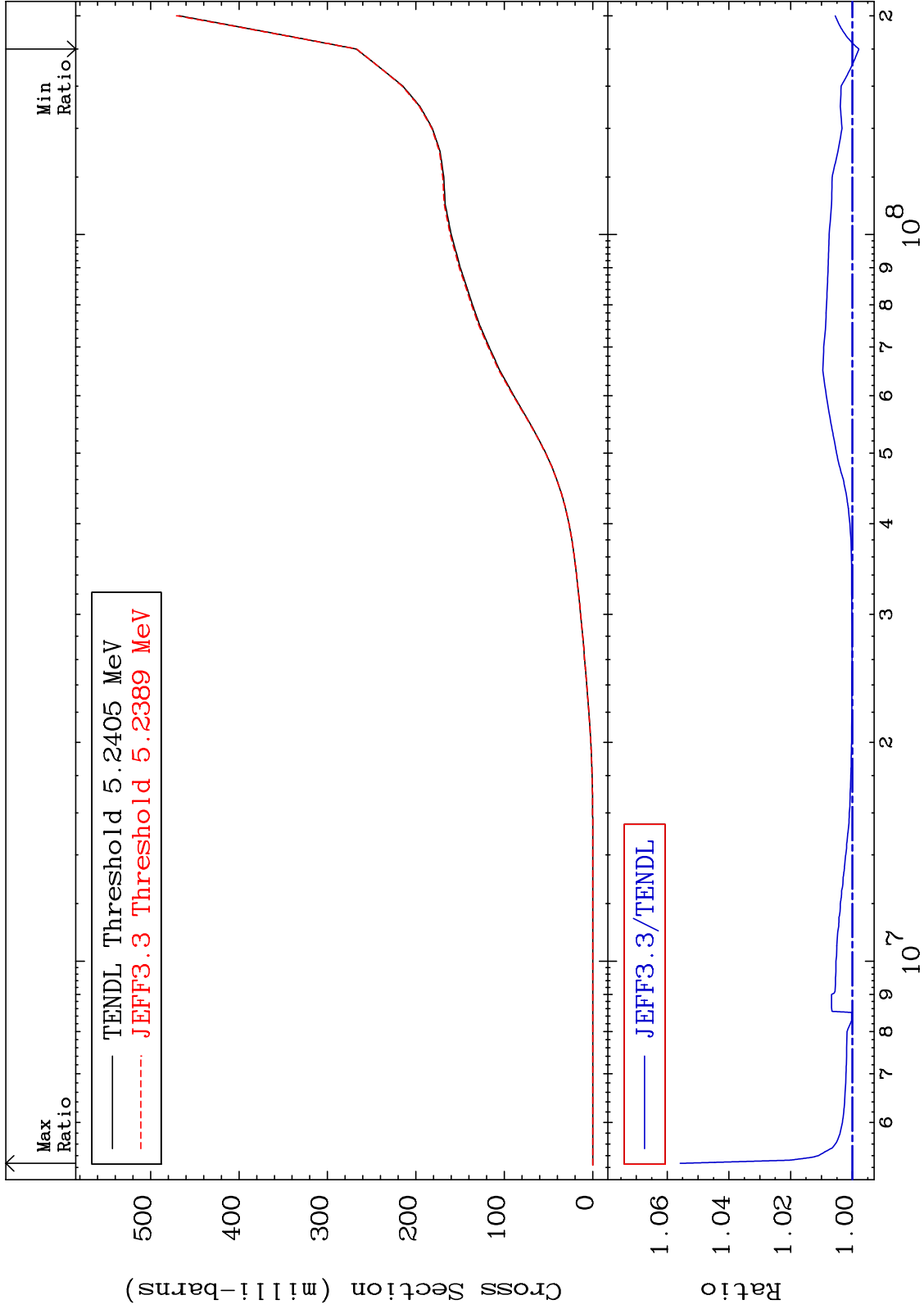
Incident Energy (eV)

88-Ra-226

MAT 8834

Deuterium Production
Cross Section

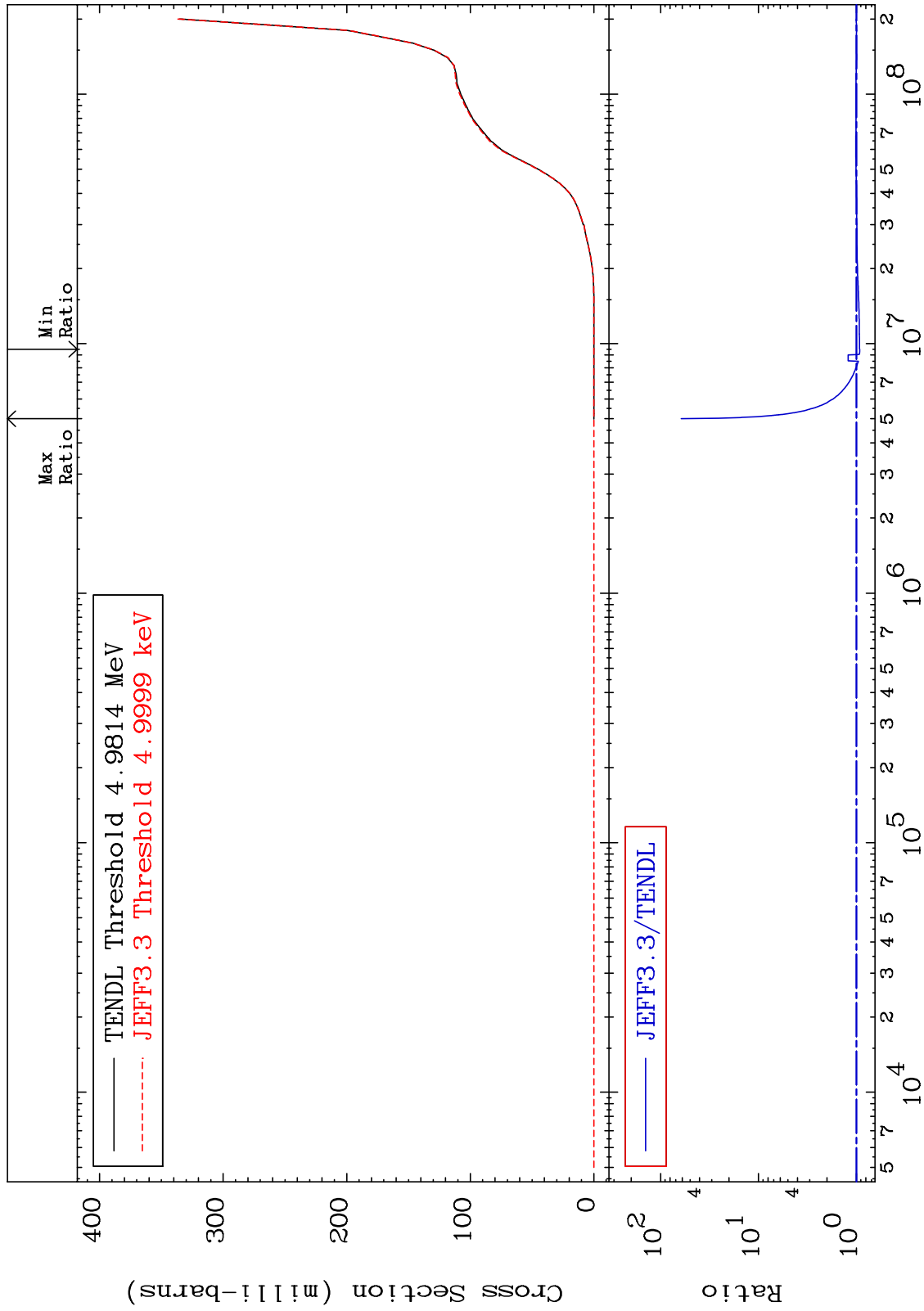
88-Ra-226
-0.212 To 5.578 %



MAT 8834

Tritium Production
Cross Section

88-Ra-226
-7.613 To 6054. %



64

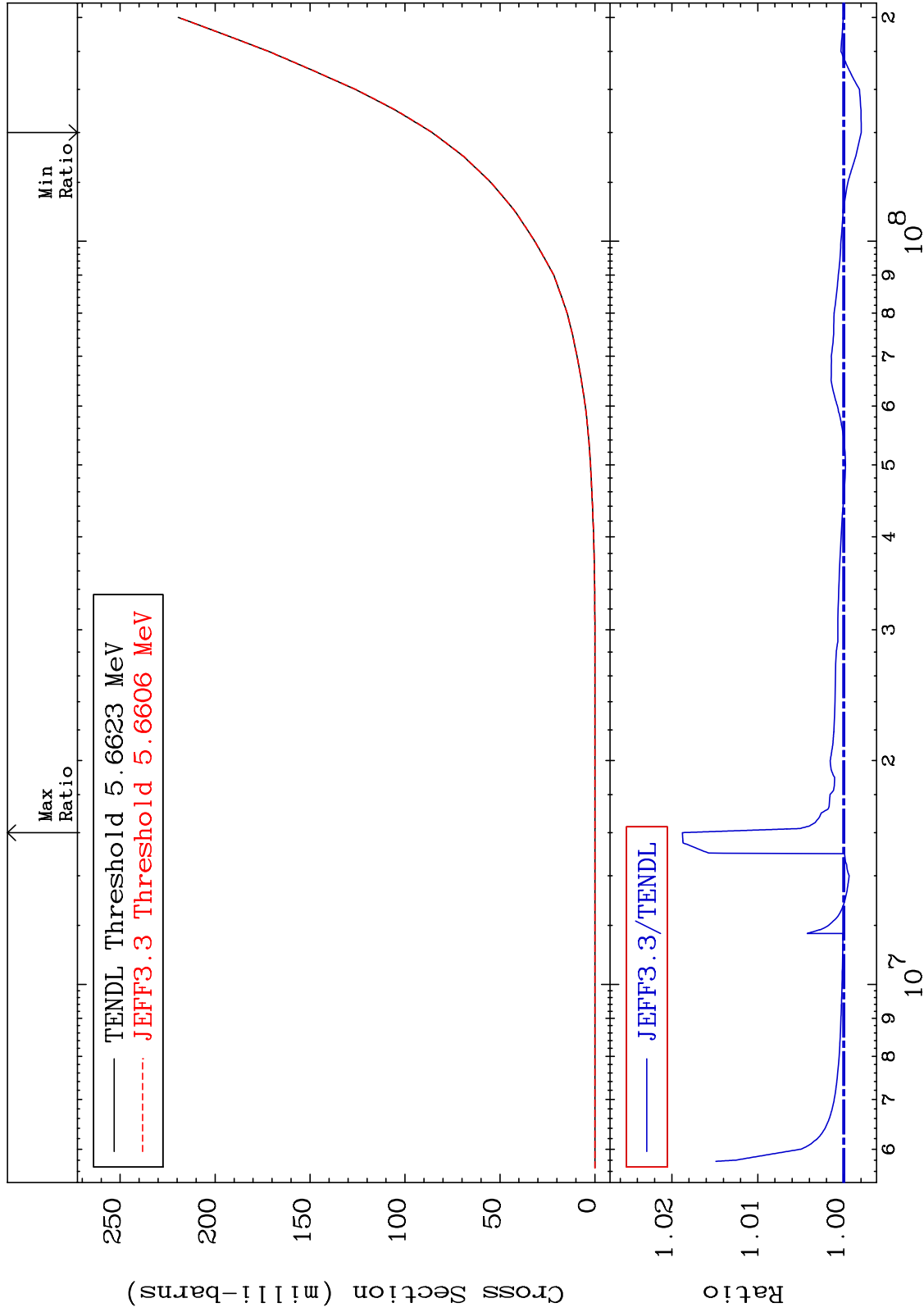
Incident Energy (eV)

88-Ra-226

MAT 8834

He-3 Production
Cross Section

88-Ra-226
-0.204 To 1.876 %



65

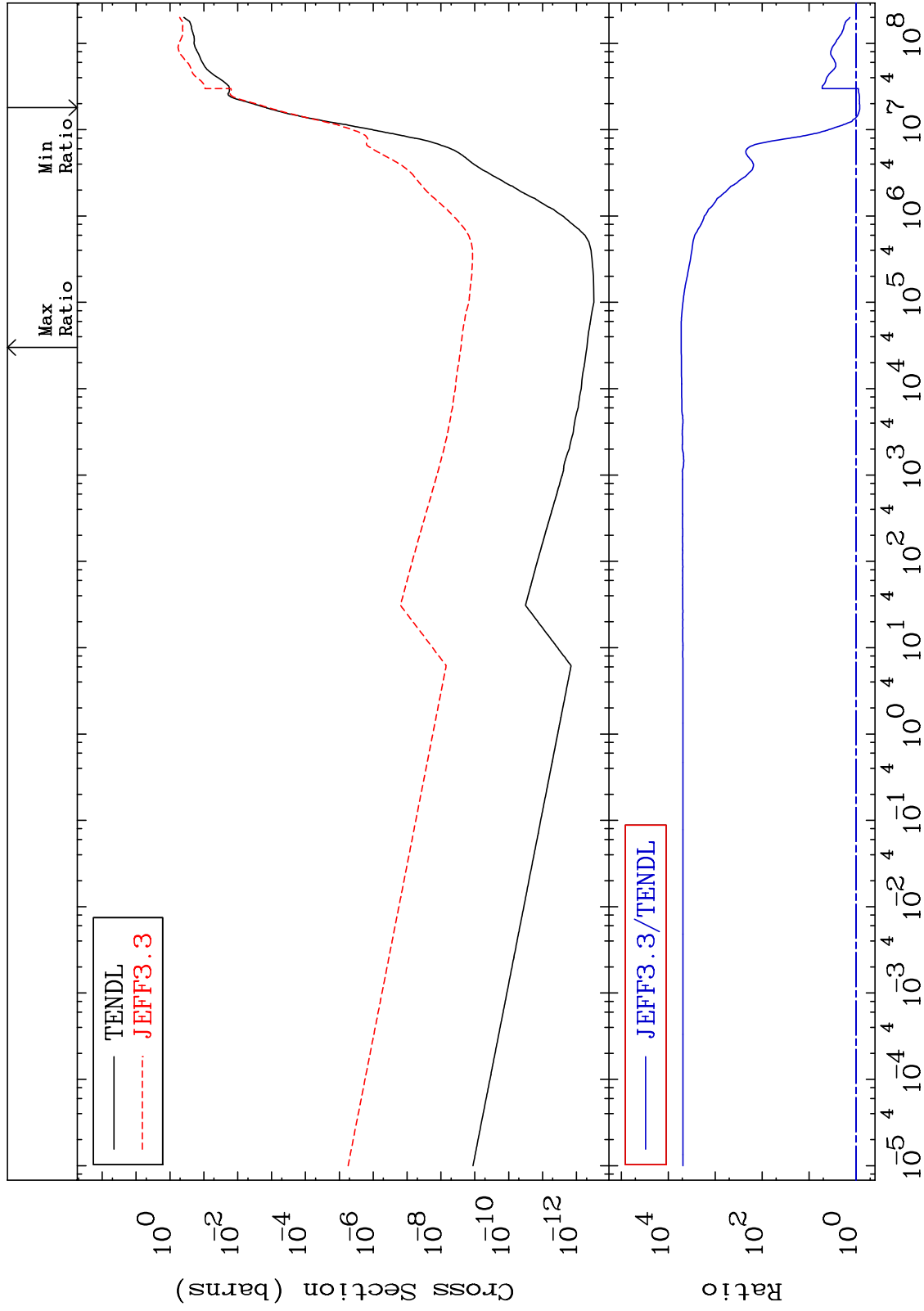
Incident Energy (eV)

88-Ra-226

MAT 8834

He-4 Production
Cross Section

88-Ra-226
-16.96 To 9999. %



66

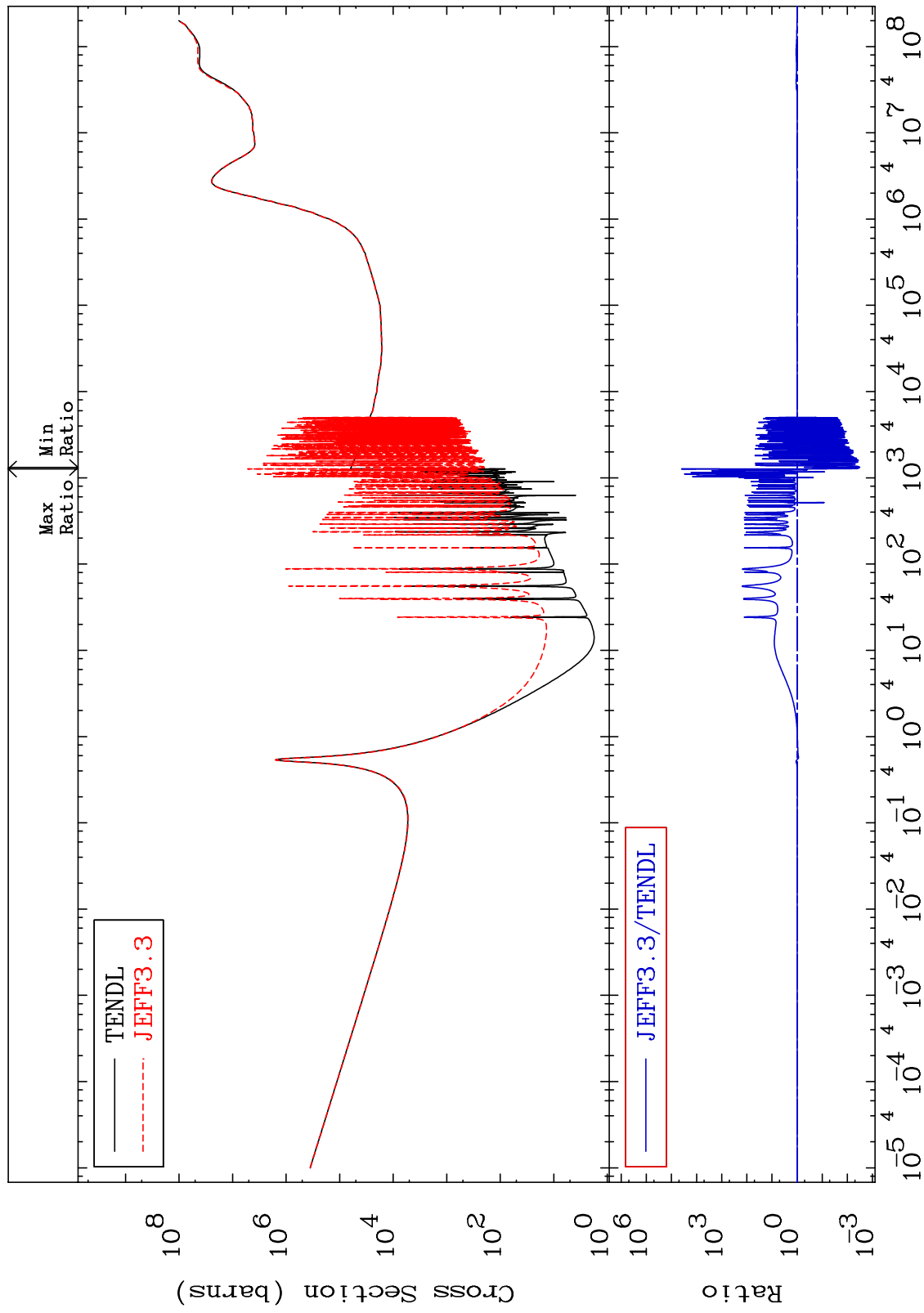
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma total (eV-barns)
Cross Section

88-Ra-226
-99.68 To 9999. %



67

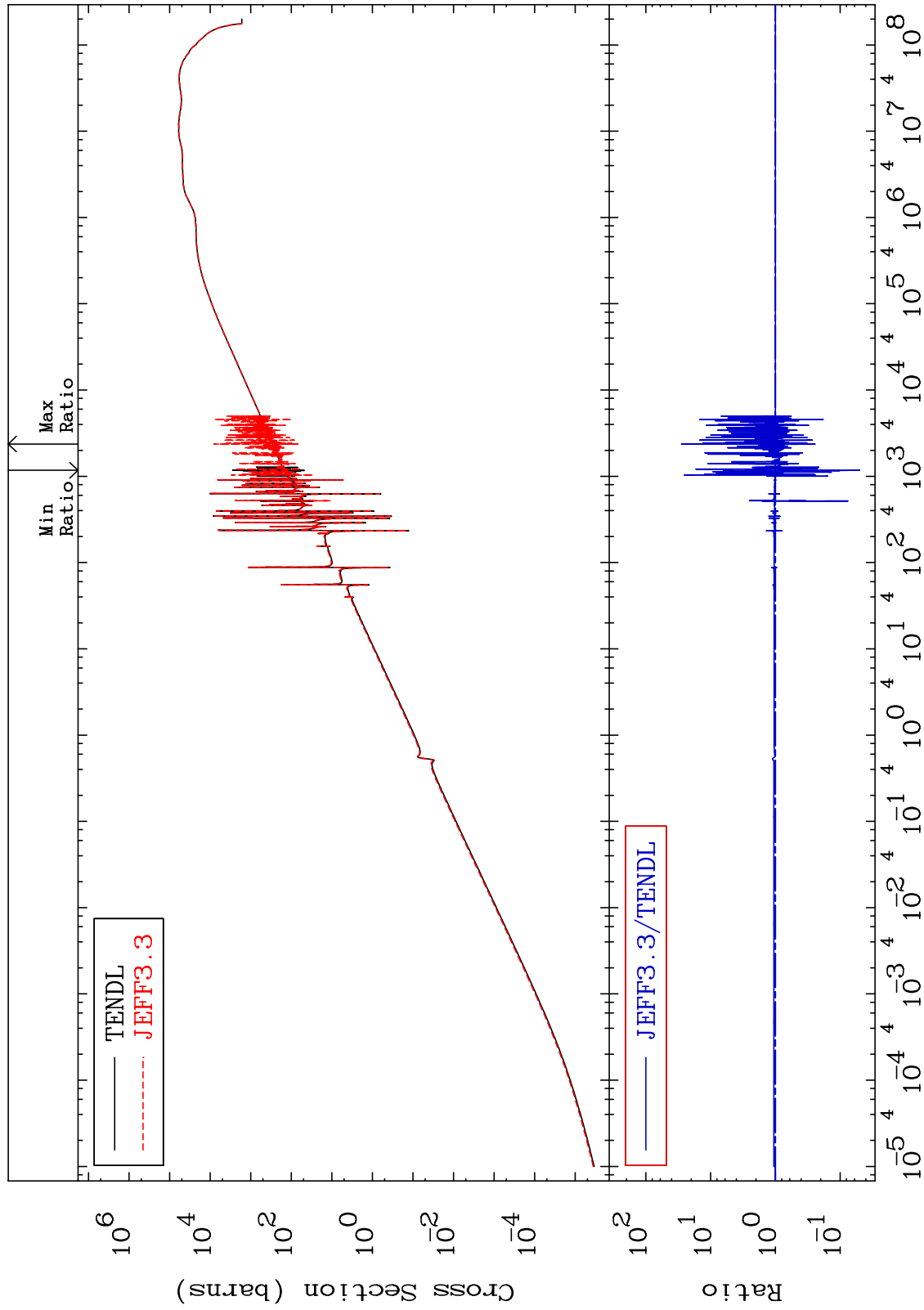
Incident Energy (eV)

88-Ra-226

MAT 8834

Kerma elastic
Cross Section

88-Ra-226
-95.03 To 2718. %



68

Incident Energy (eV)

88-Ra-226

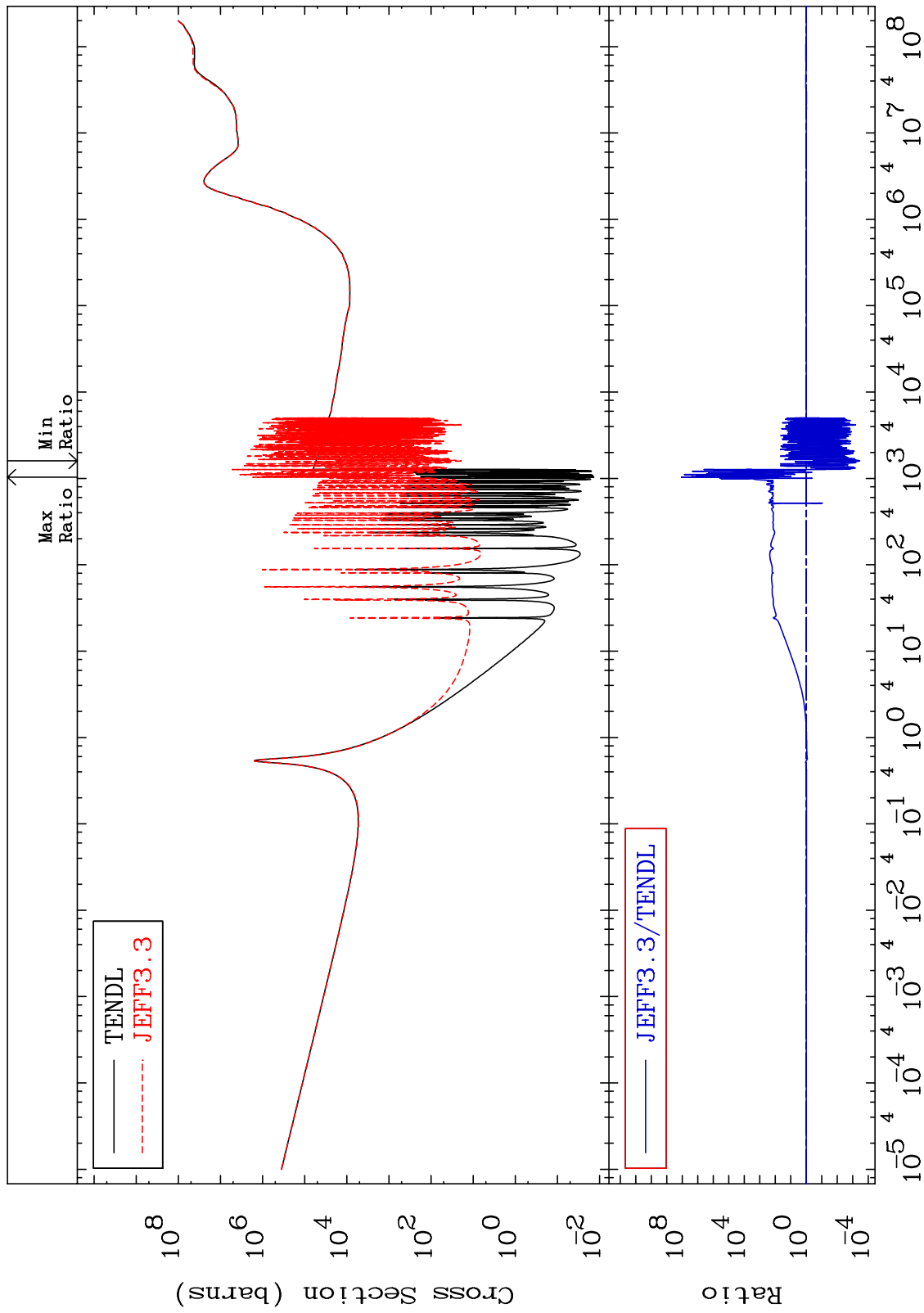
MAT 8834

Kerma non-elastic (all but mt2)

88-Ra-226

-99.96 To 9999. %

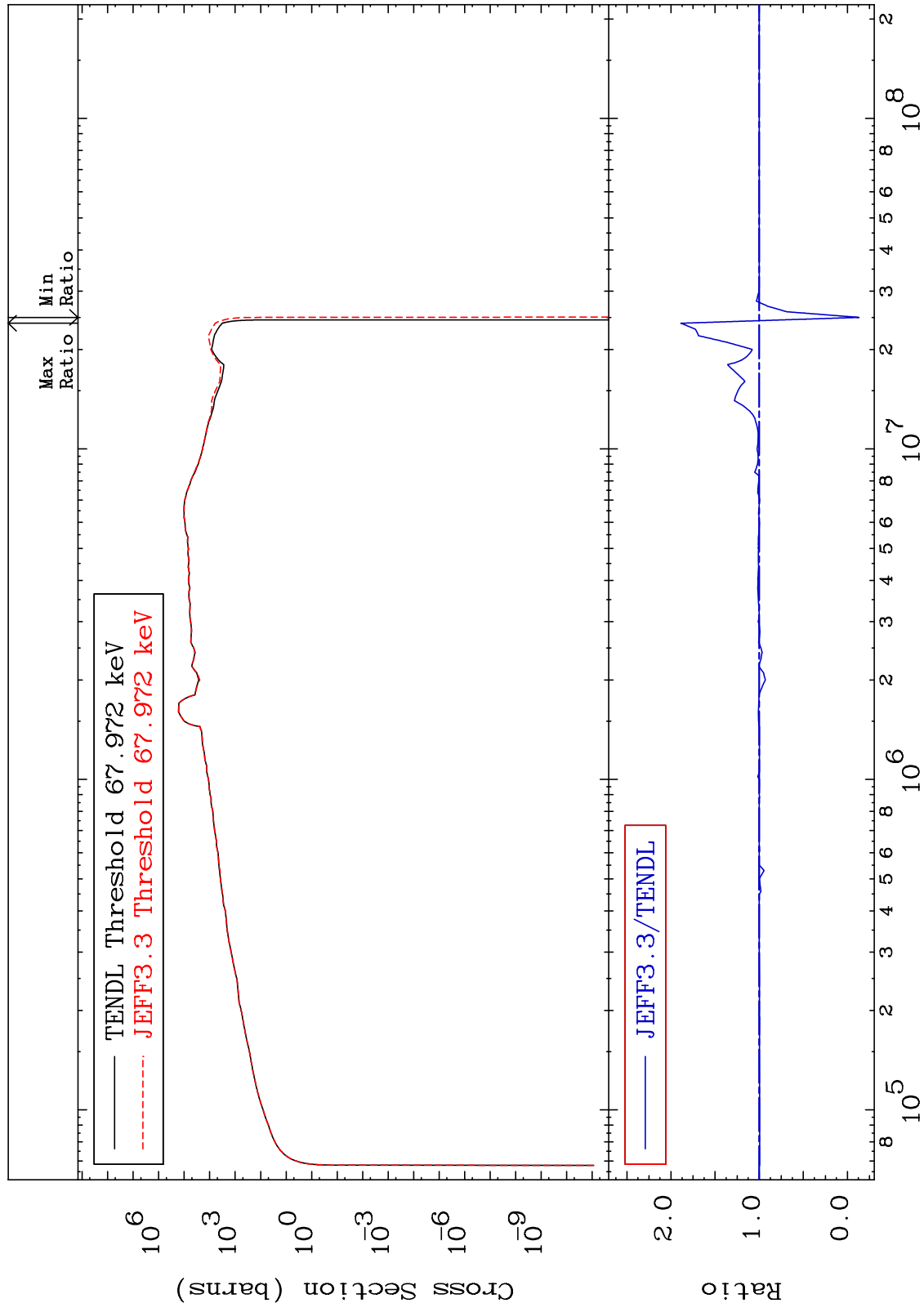
Cross Section



MAT 8834

Kerma inelastic (mt51-91)
Cross Section

88-Ra-226
-113.2 To 88.81 %



70

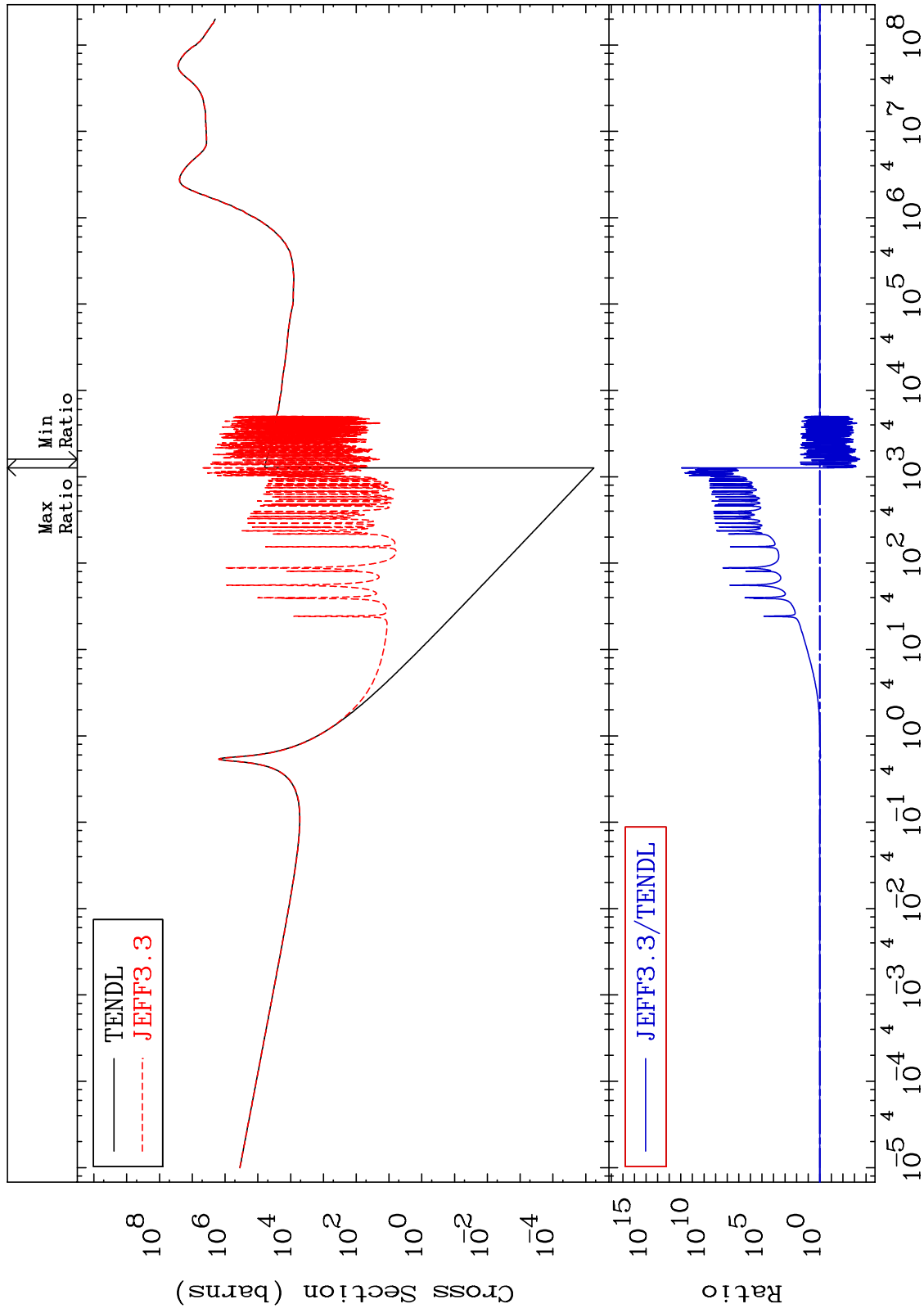
Incident Energy (eV)

88-Ra-226

MAT 8834

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

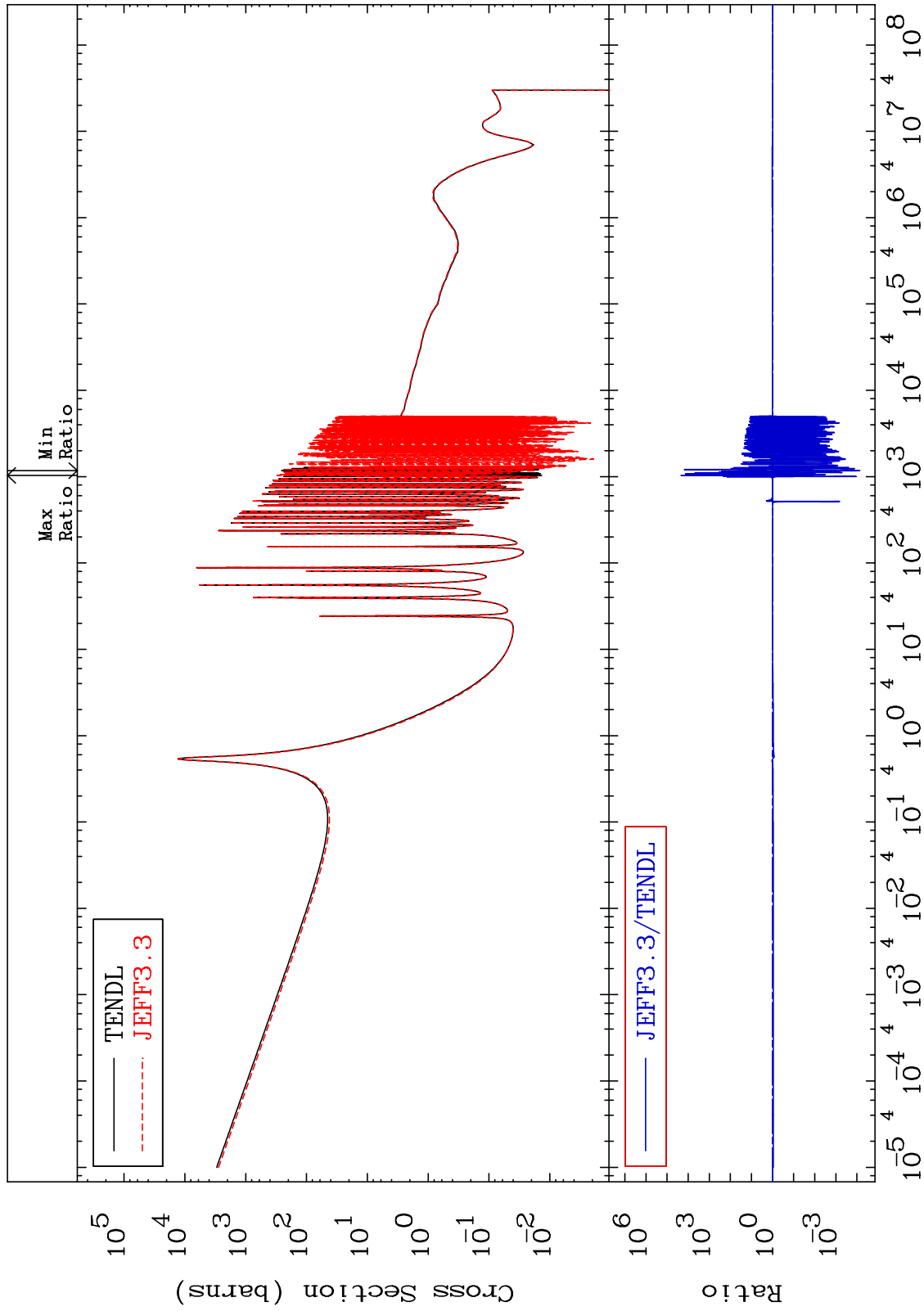
88-Ra-226
-99.96 To 9999. %



MAT 8834

Kerma capture (mt102)
Cross Section

88-Ra-226
-99.99 To 9999. %



72

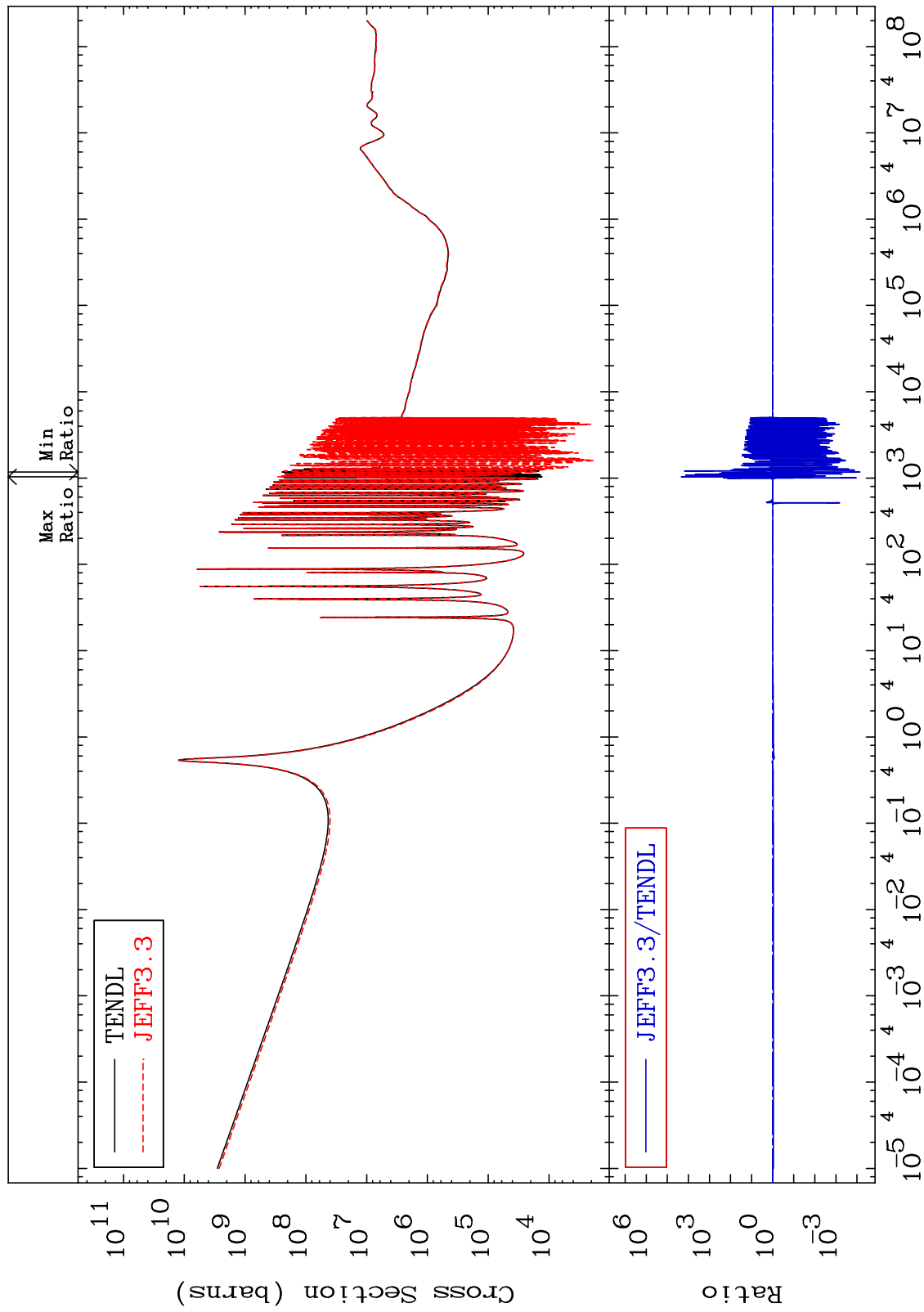
Incident Energy (eV)

88-Ra-226

MAT 8834

Total photon (eV-barns)
Cross Section

88-Ra-226
-99.99 To 9999. %



73

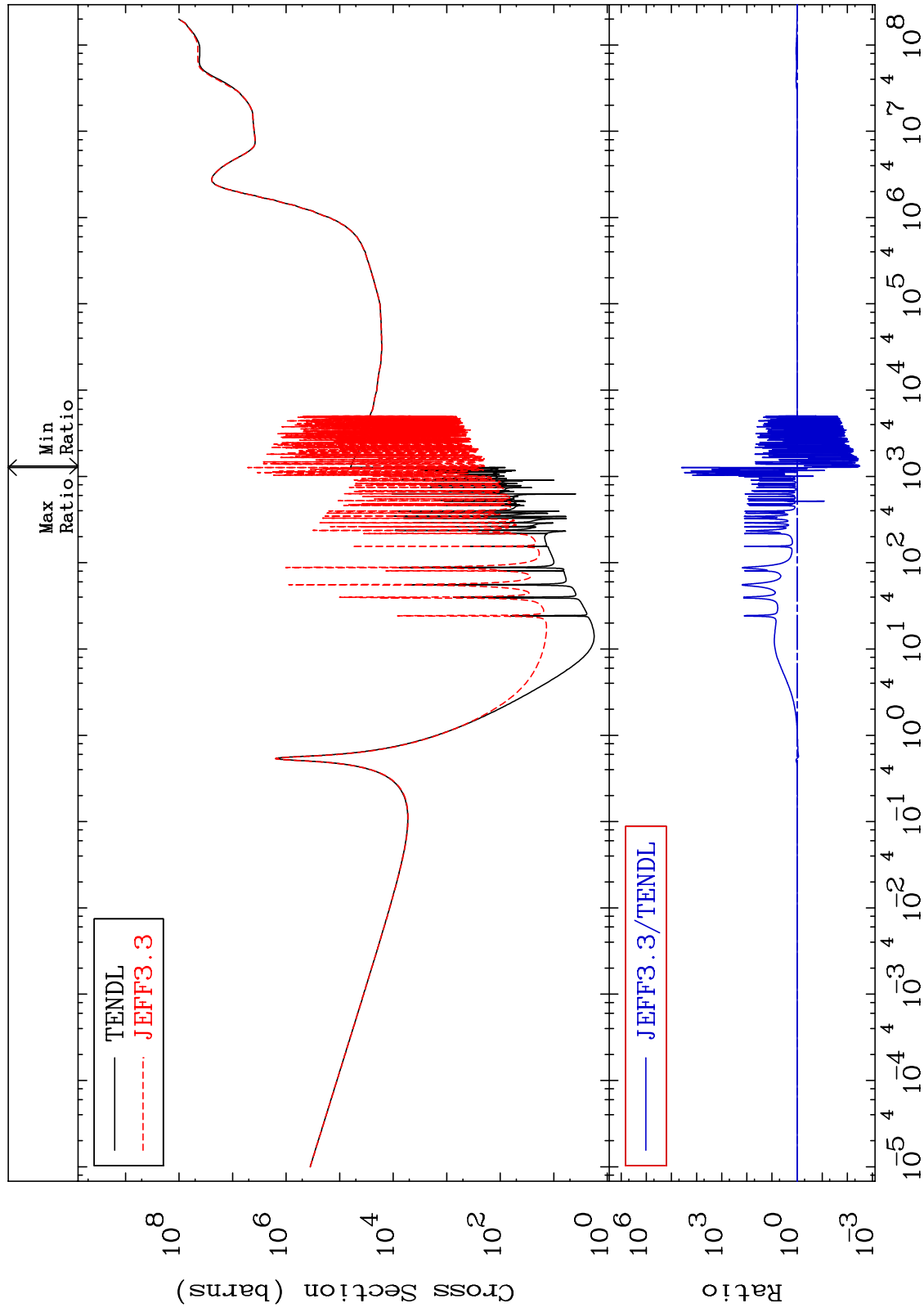
Incident Energy (eV)

88-Ra-226

MAT 8834

Total kinematic kerma (high limit)
Cross Section

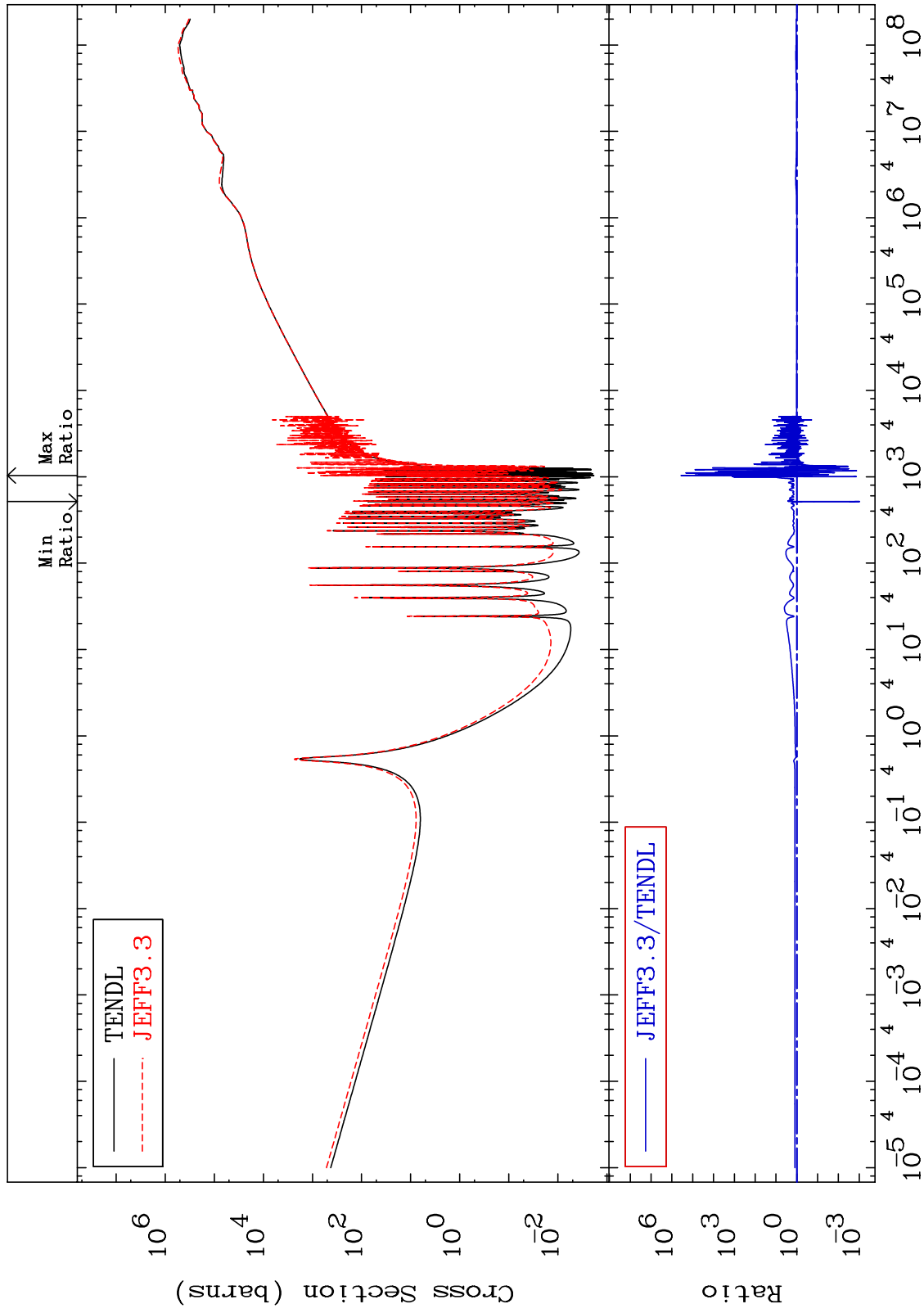
88-Ra-226
-99.68 To 9999. %



MAT 8834

Dpa total (eV-barns)
Cross Section

88-Ra-226
-99.91 To 9999. %



75

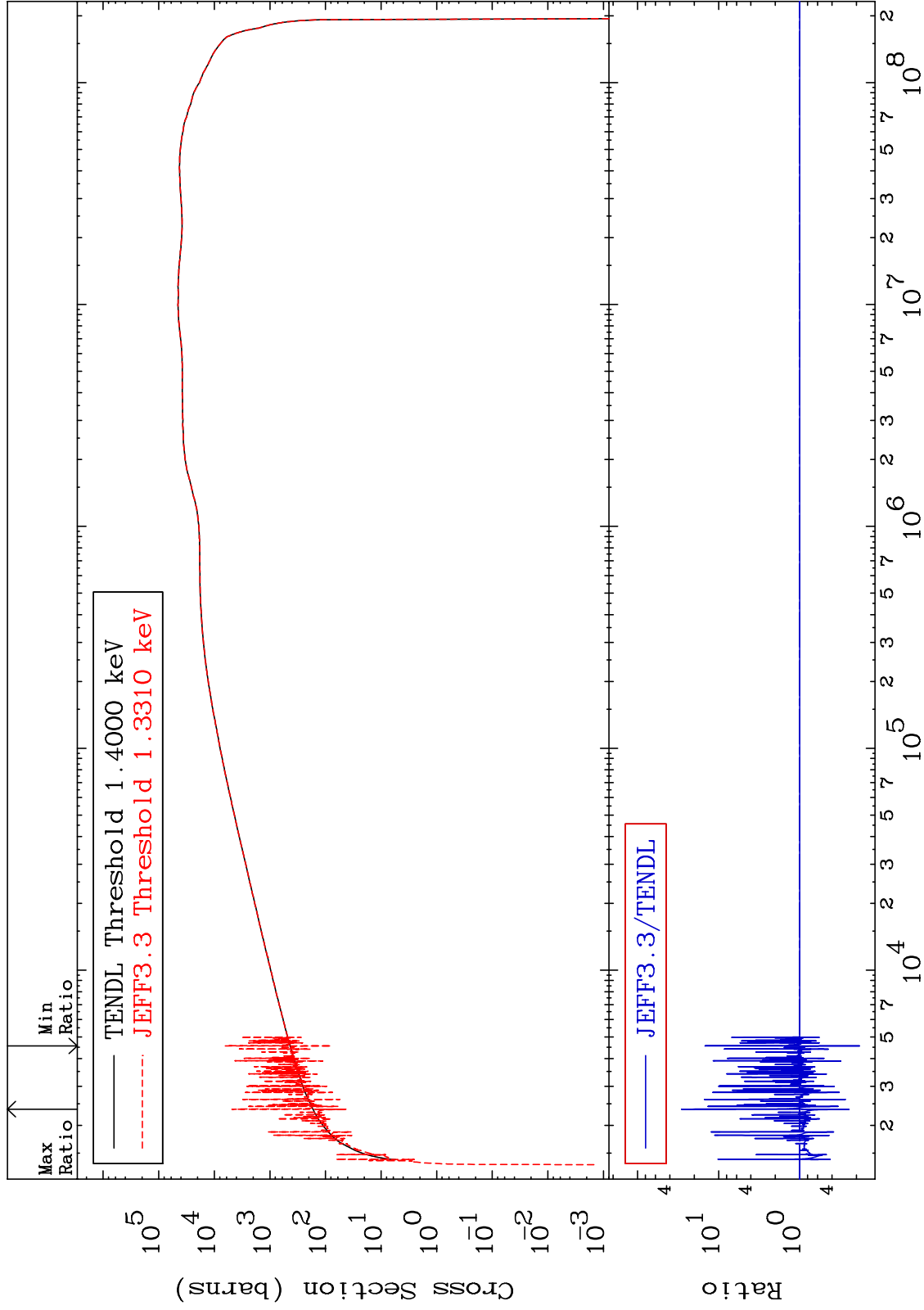
Incident Energy (eV)

88-Ra-226

MAT 8834

Dpa elastic (mt2)
Cross Section

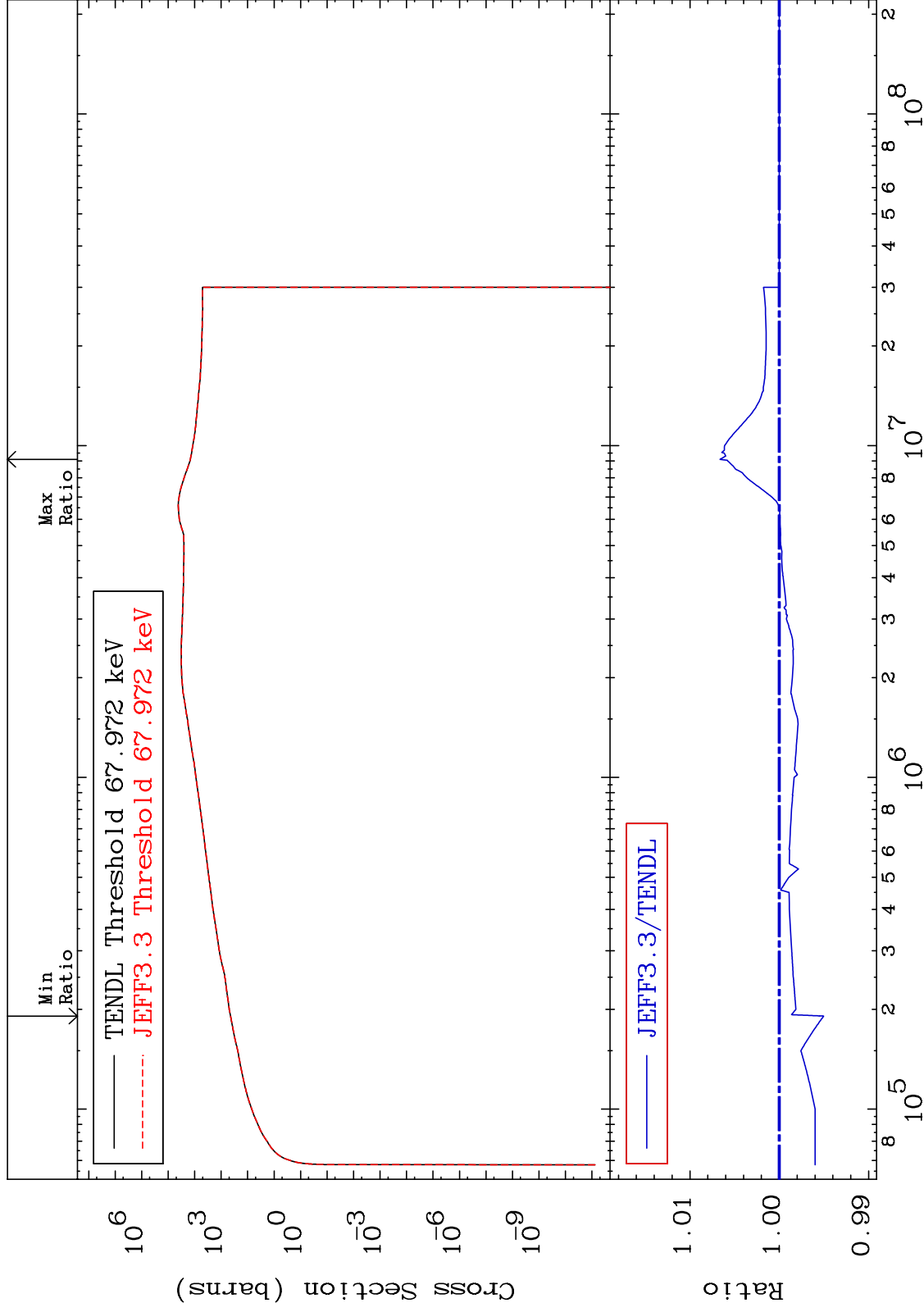
88-Ra-226
-81.83 To 2791. %



MAT 8834

Dpa inelastic (mt51-91)
Cross Section

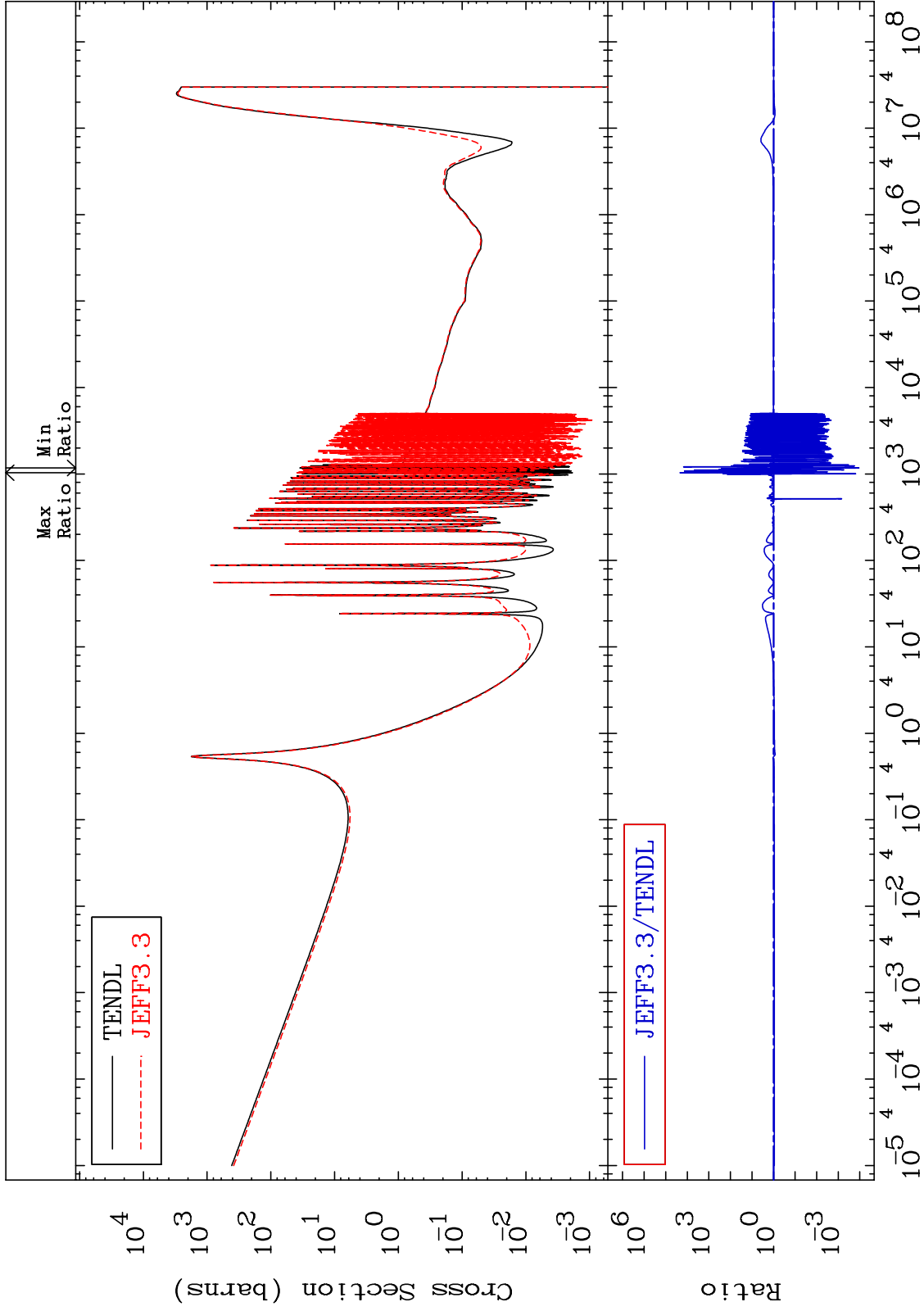
88-Ra-226
-0.498 To 0.663 %



MAT 8834

Dpa disappearance (mt102 -120)
Cross Section

88-Ra-226
-99.99 To 9999. %



78

Incident Energy (eV)

88-Ra-226