

Program Complot
(Version 2018-1)

by

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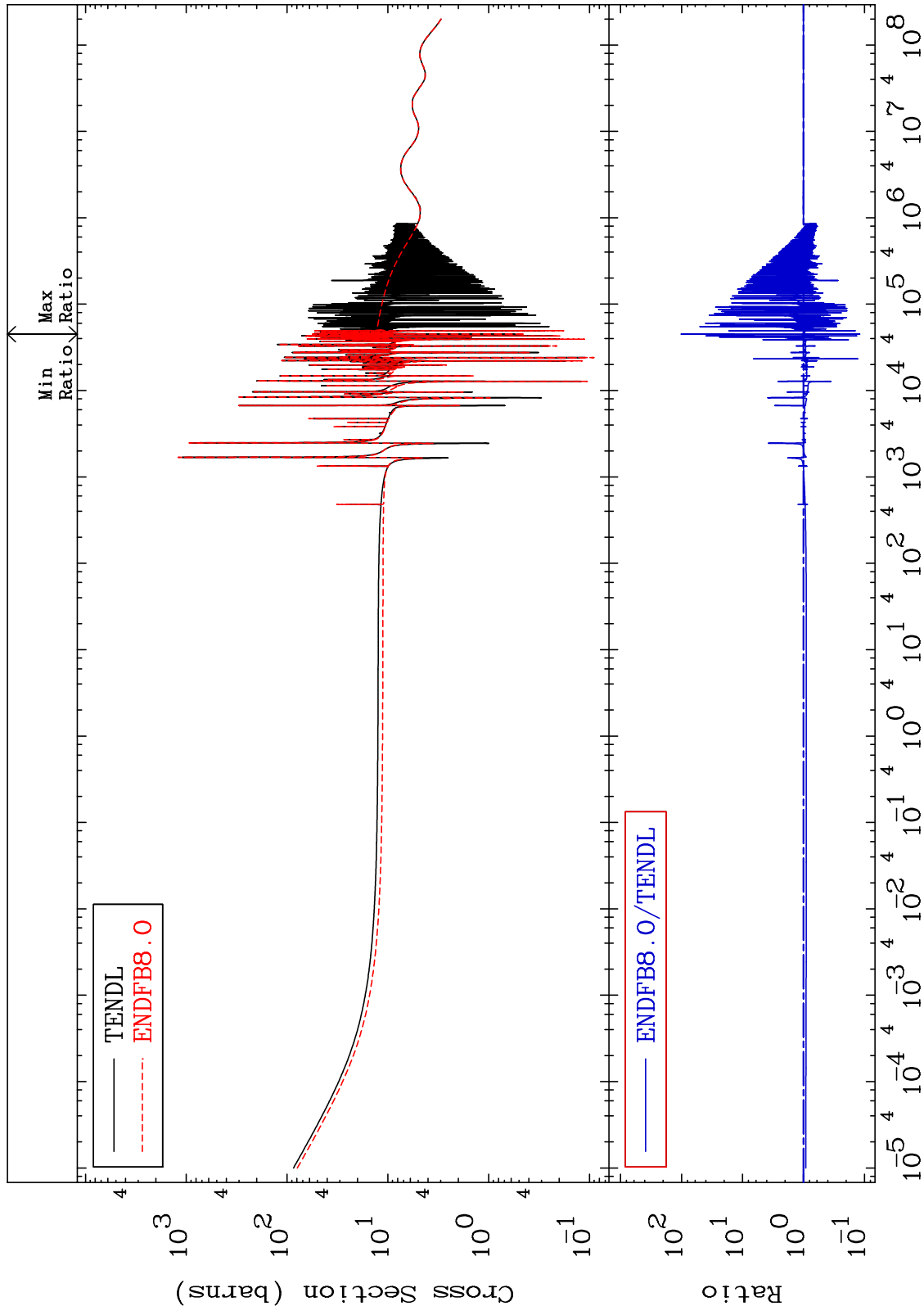
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8225

Total
Cross Section

82-Pb-204
-88.05 To 9999. %



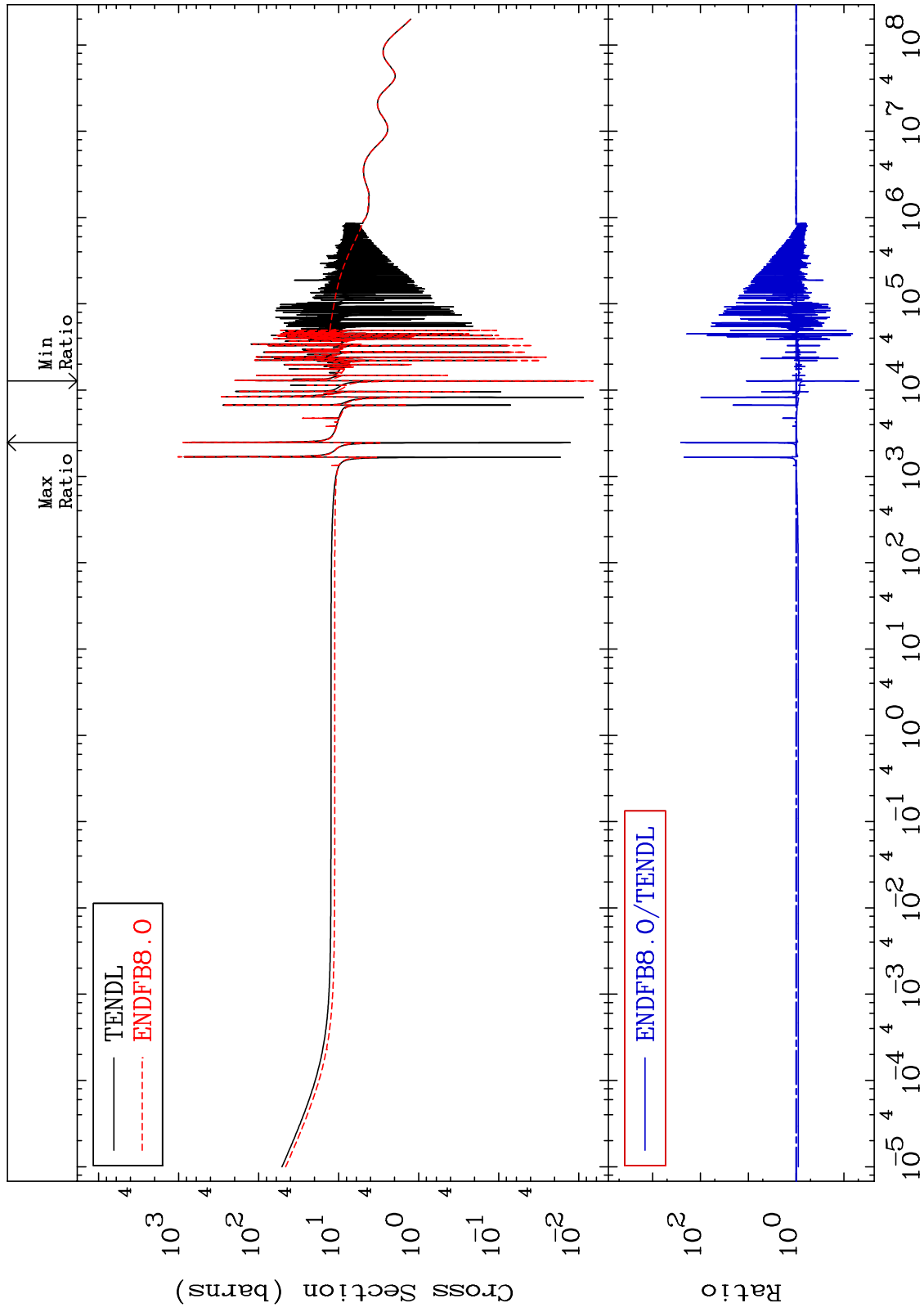
Incident Energy (eV)

82-Pb-204

MAT 8225

Elastic
Cross Section

82-Pb-204
-95.15 To 9999. %

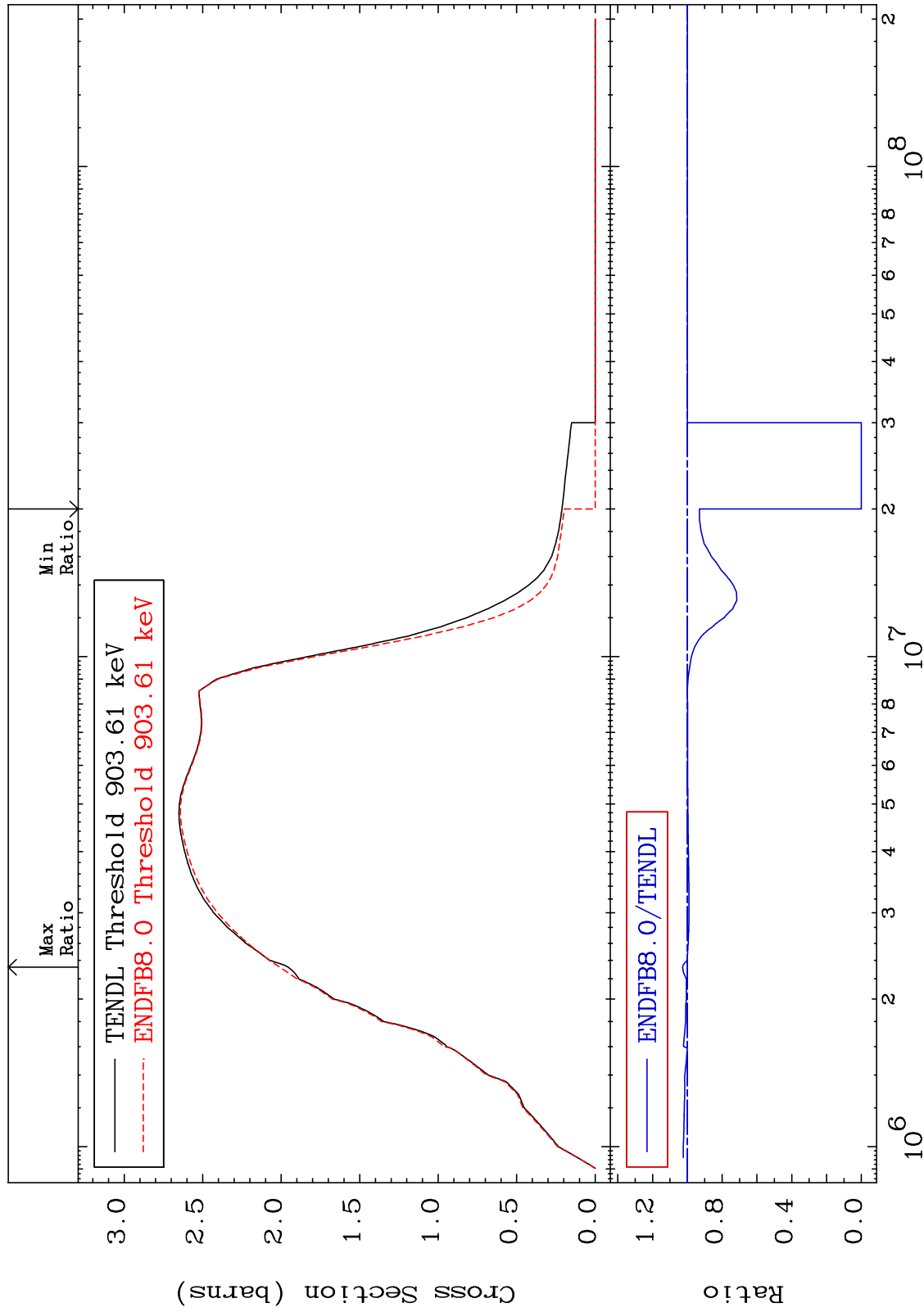


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Incident Energy (eV)

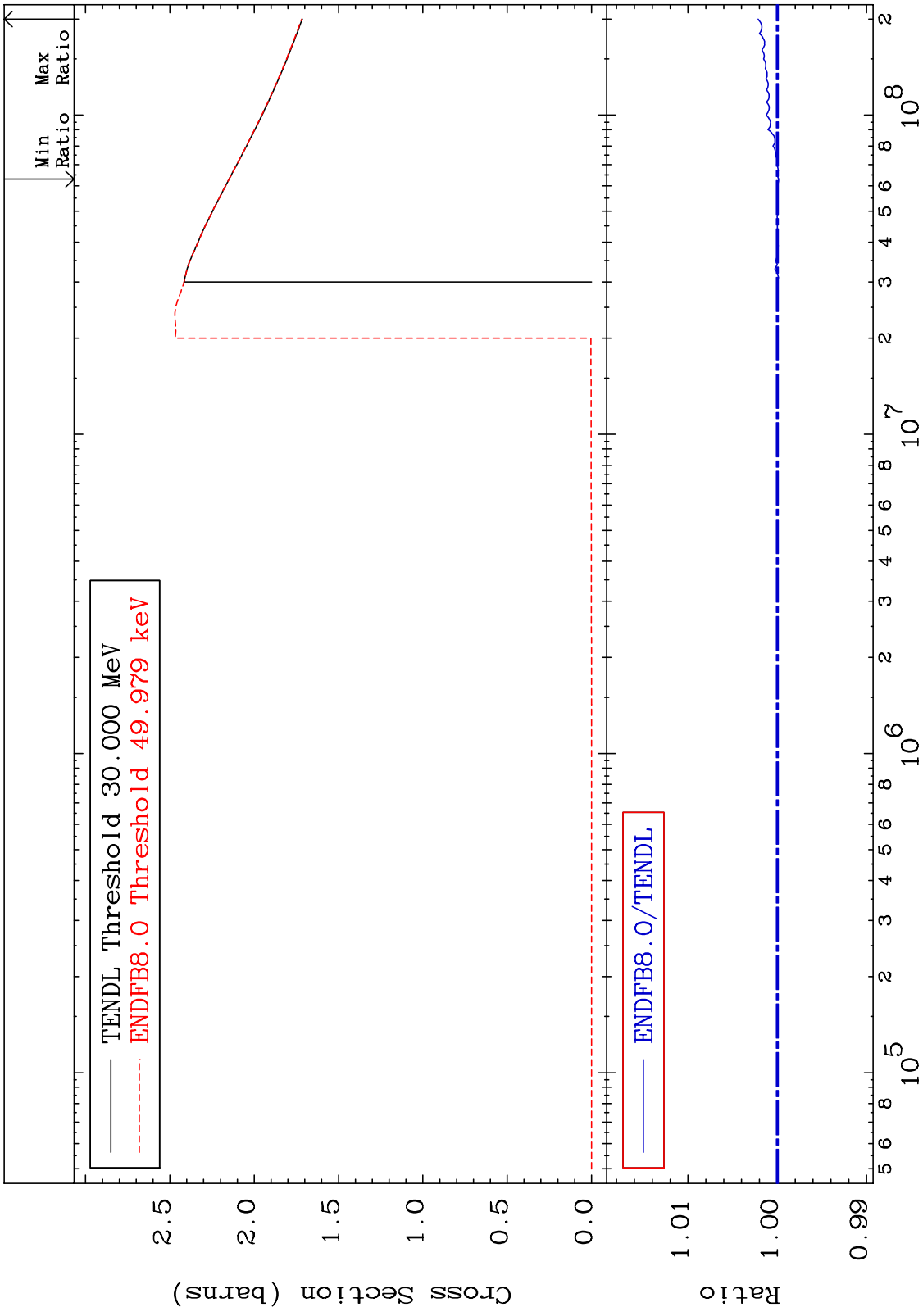
82-Pb-204

MAT 8225 Inelastic Cross Section 82-Pb-204 -100.0 To 2.697 %

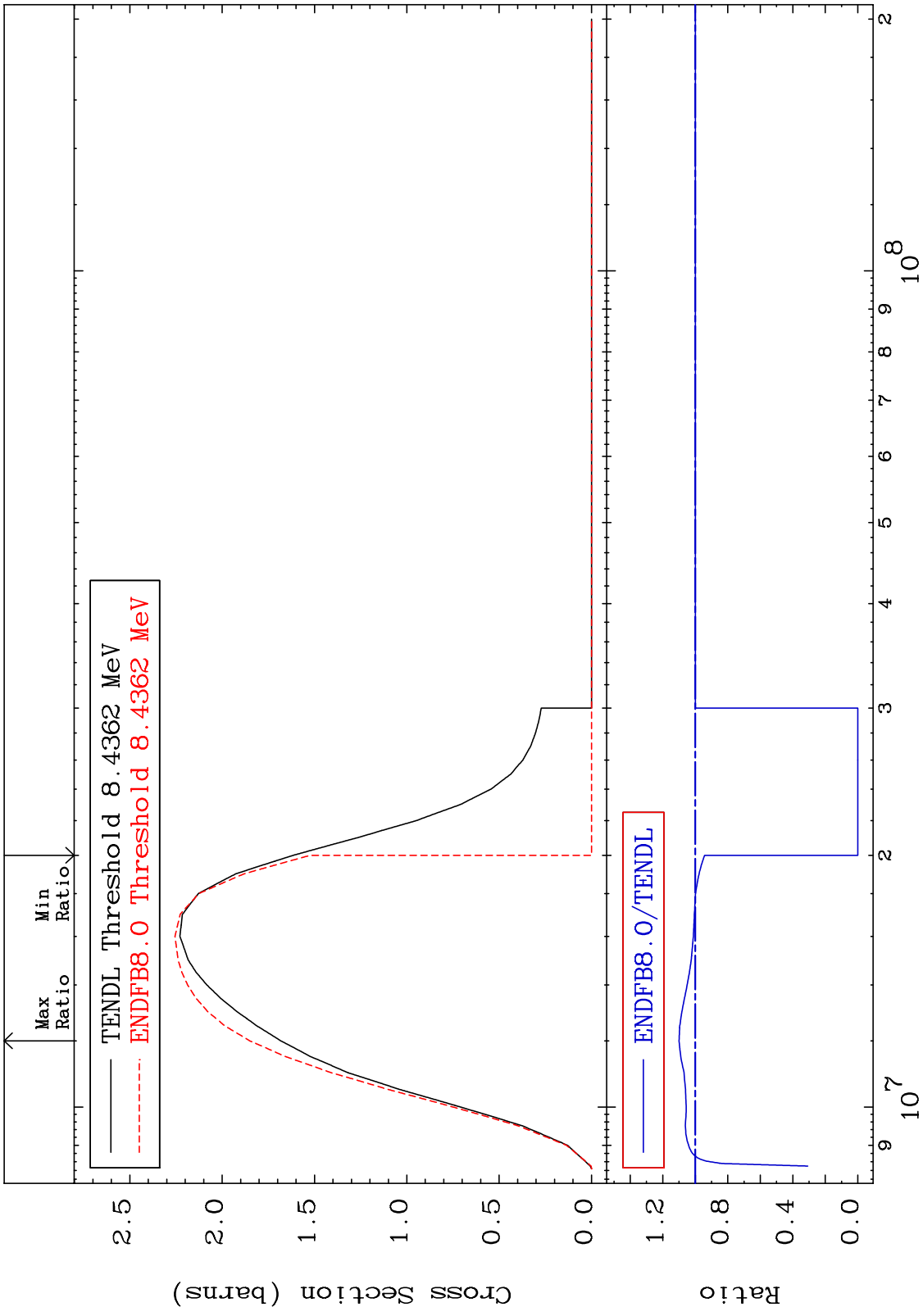


82-Pb-204 Incident Energy (eV)

MAT 8225 (n, remainder) Cross Section 82-Pb-204 -0.016 To 0.215 %

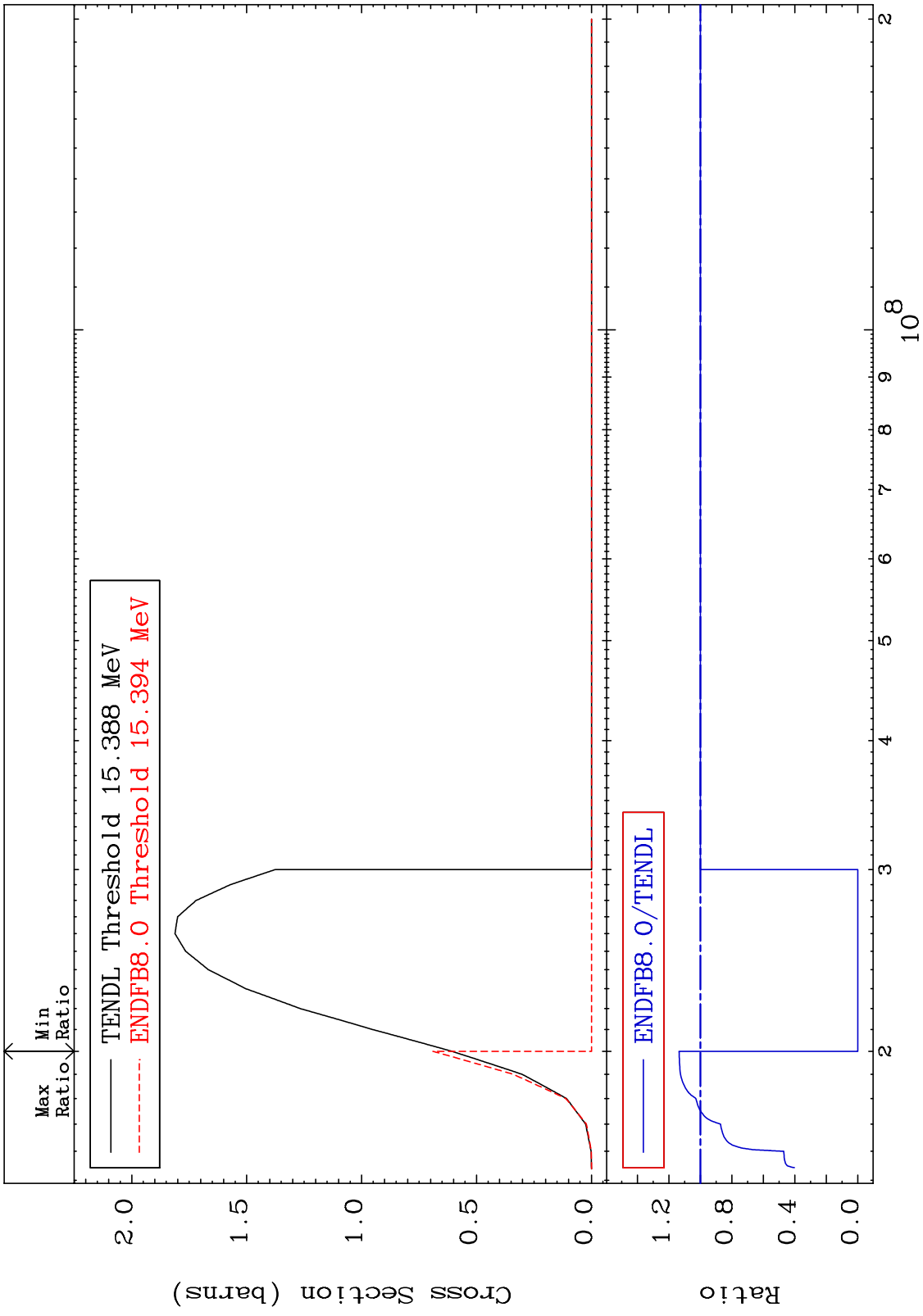


MAT 8225 (n,2n) Cross Section 82-Pb-204 -100.0 To 9.983 %



5 Incident Energy (eV) 82-Pb-204

MAT 8225 (n,3n) Cross Section 82-Pb-204 -100.0 To 13.58 %



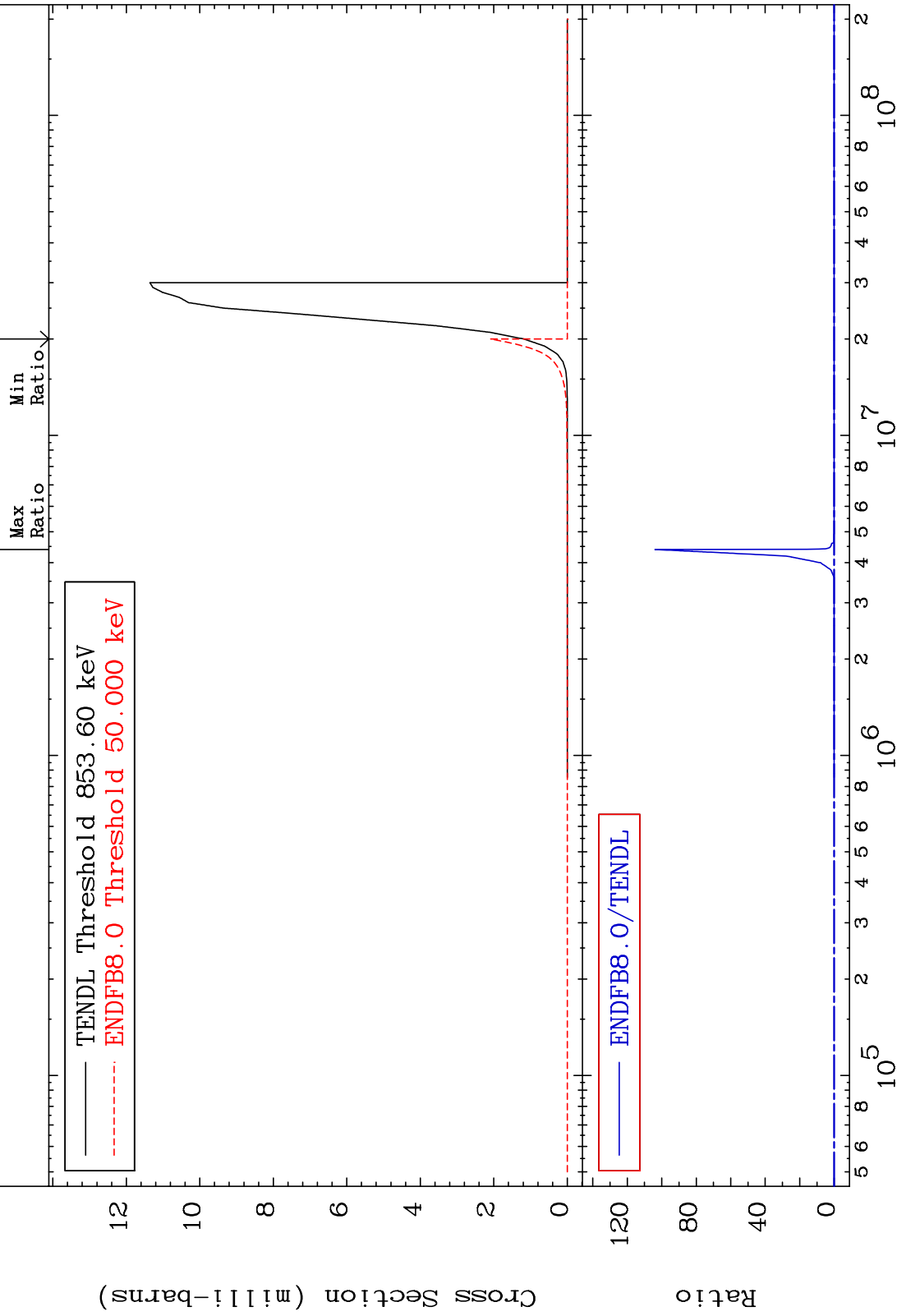
MAT 8225

$(n, n') \alpha$

82-Pb-204

-100.0 To 9999. %

Cross Section

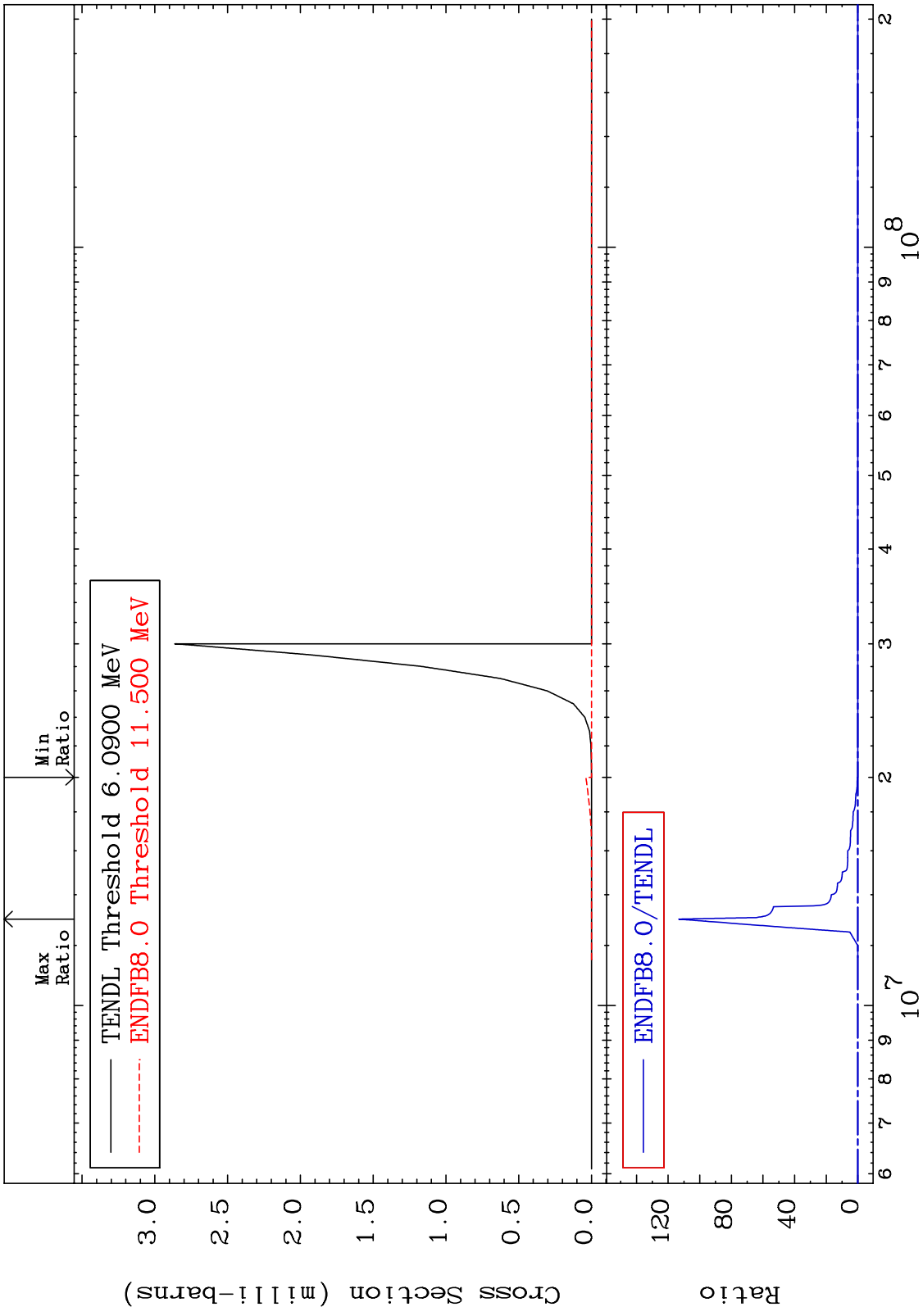


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Incident Energy (eV)

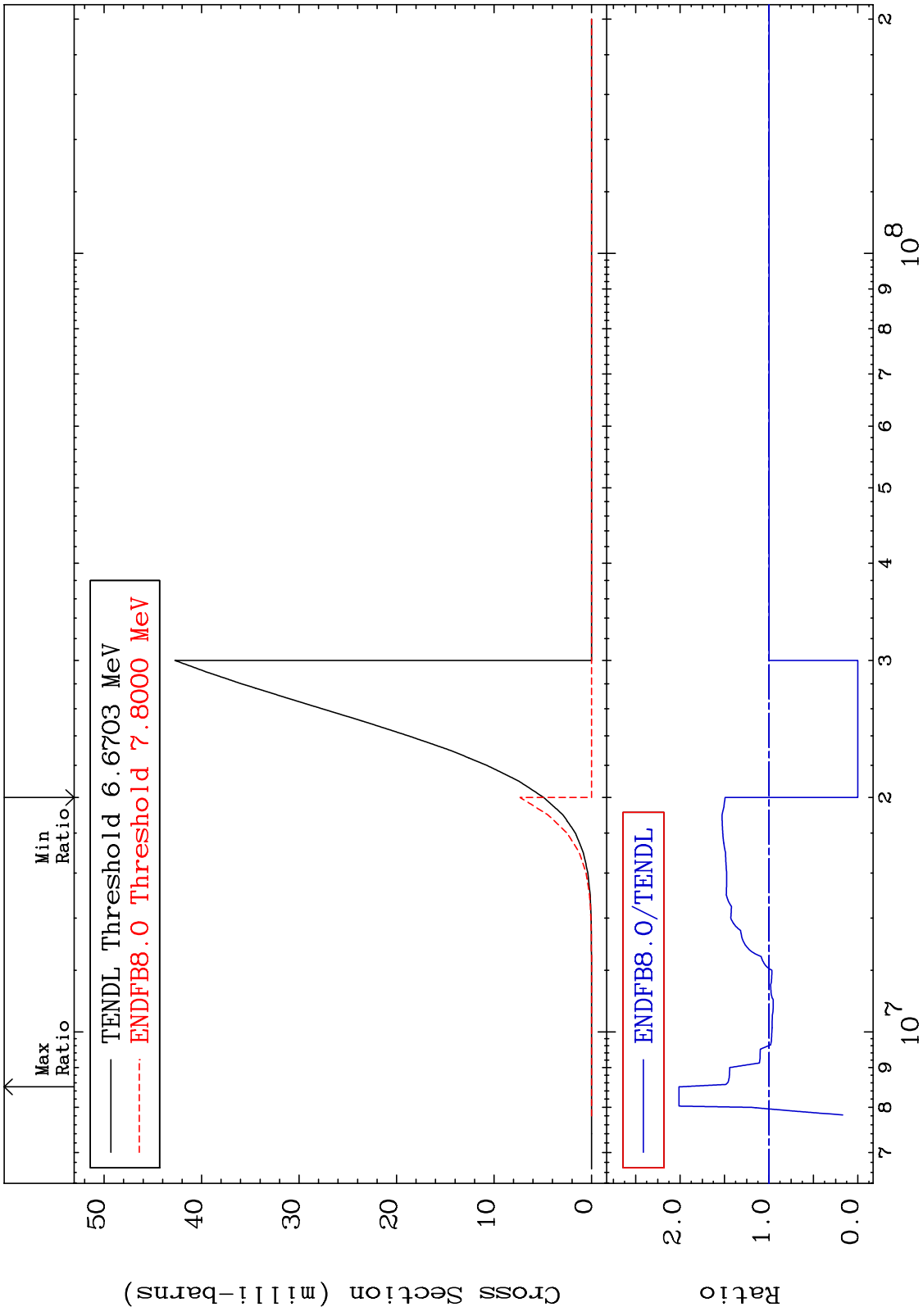
82-Pb-204

MAT 8225 $(n, 2n) \alpha$ 82-Pb-204
 Cross Section -100.0 To 9999. %



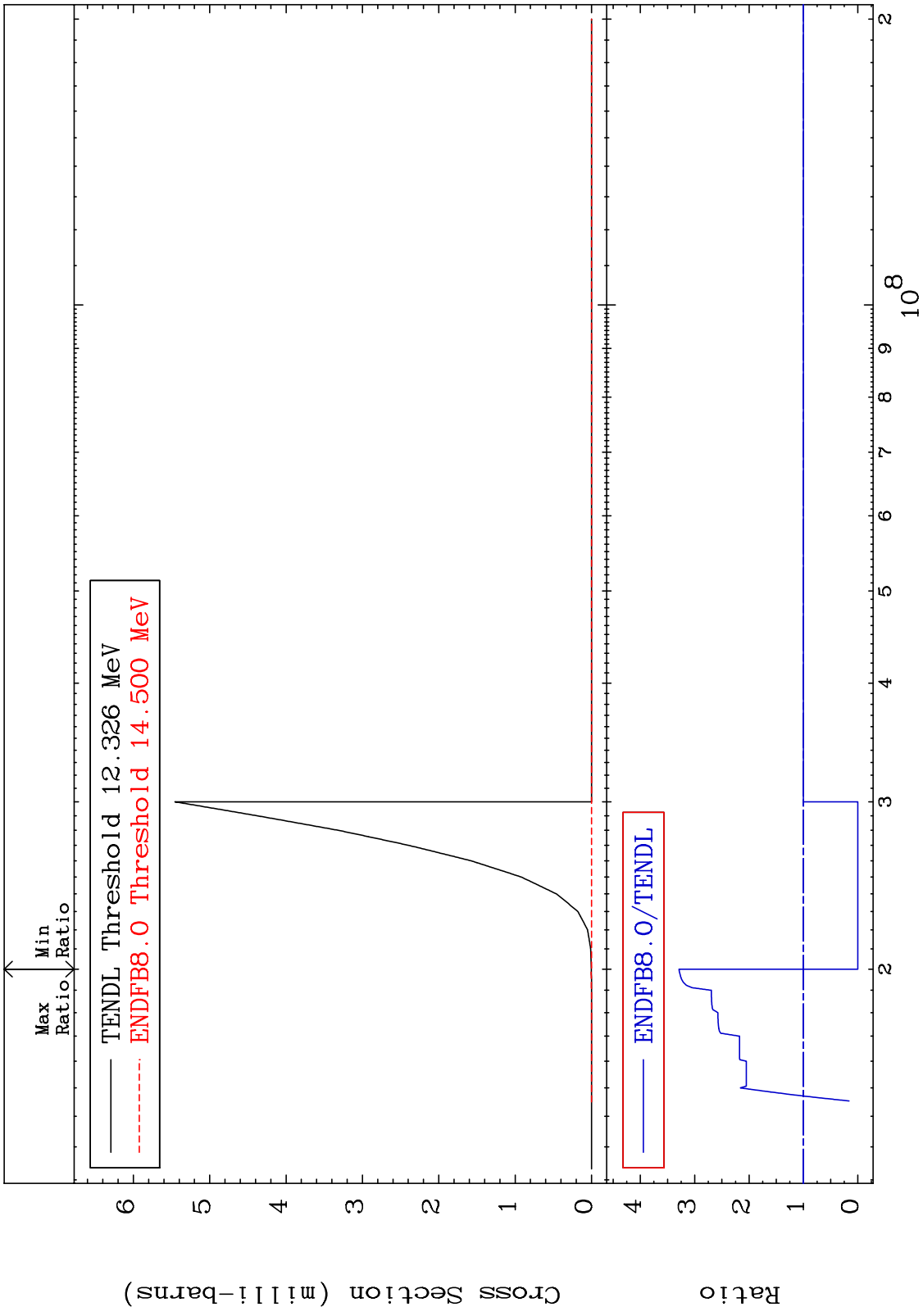
8 Incident Energy (eV) 82-Pb-204

MAT 8225 (n,n') p 82-Pb-204
Cross Section -100.0 To 101.1 %

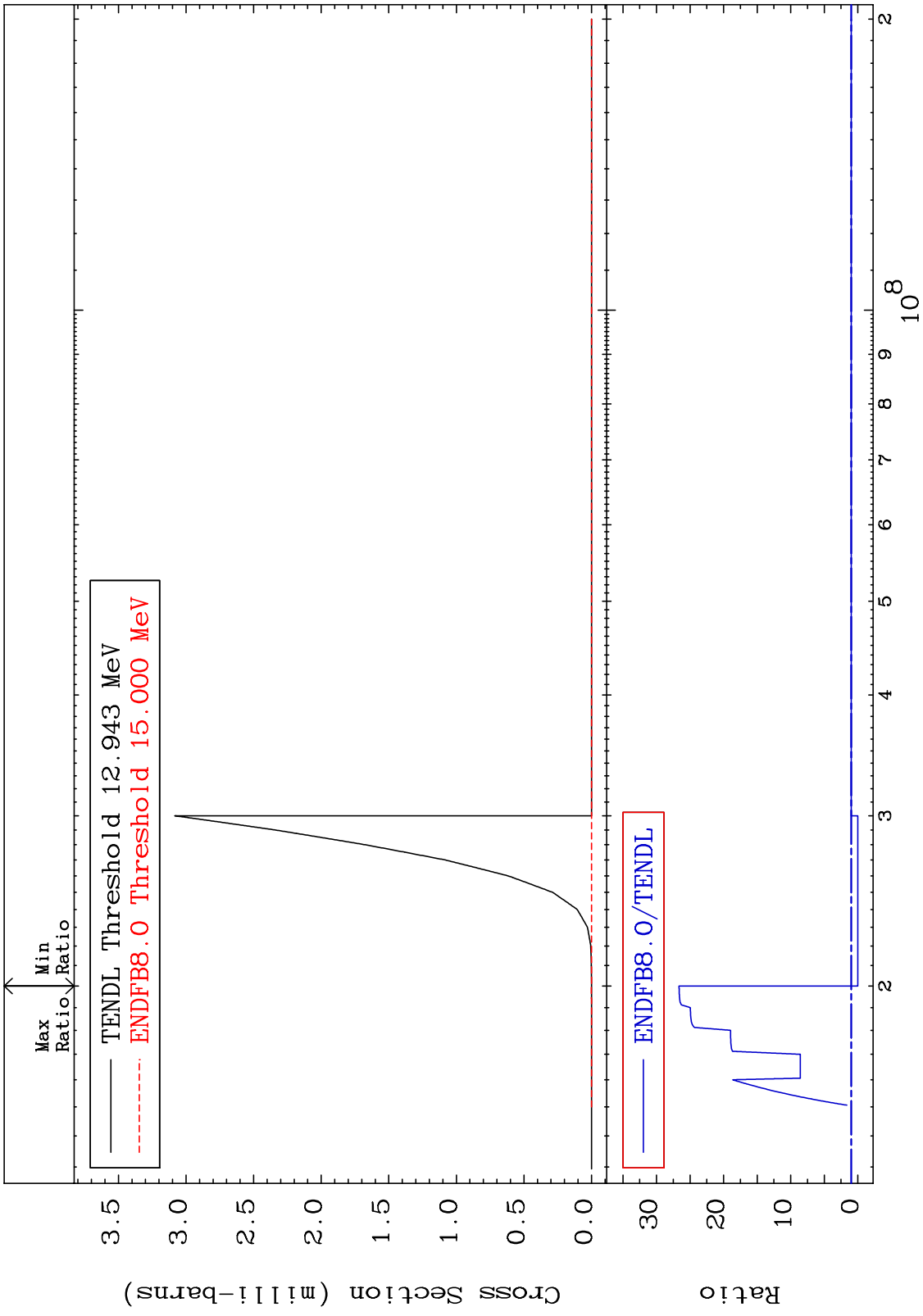


9 Incident Energy (eV) 82-Pb-204

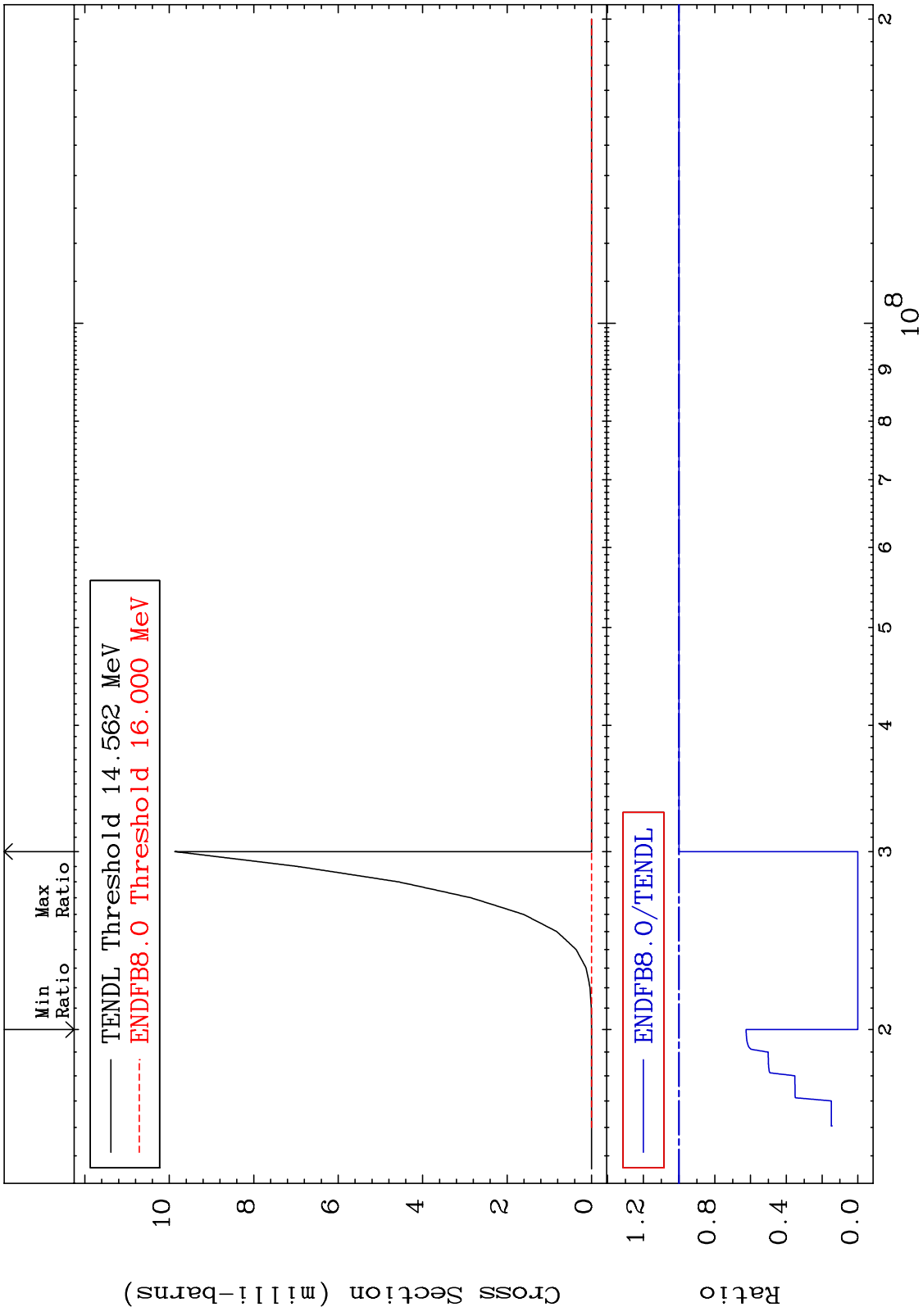
MAT 8225 (n,n') d 82-Pb-204
 Cross Section -100.0 To 228.8 %



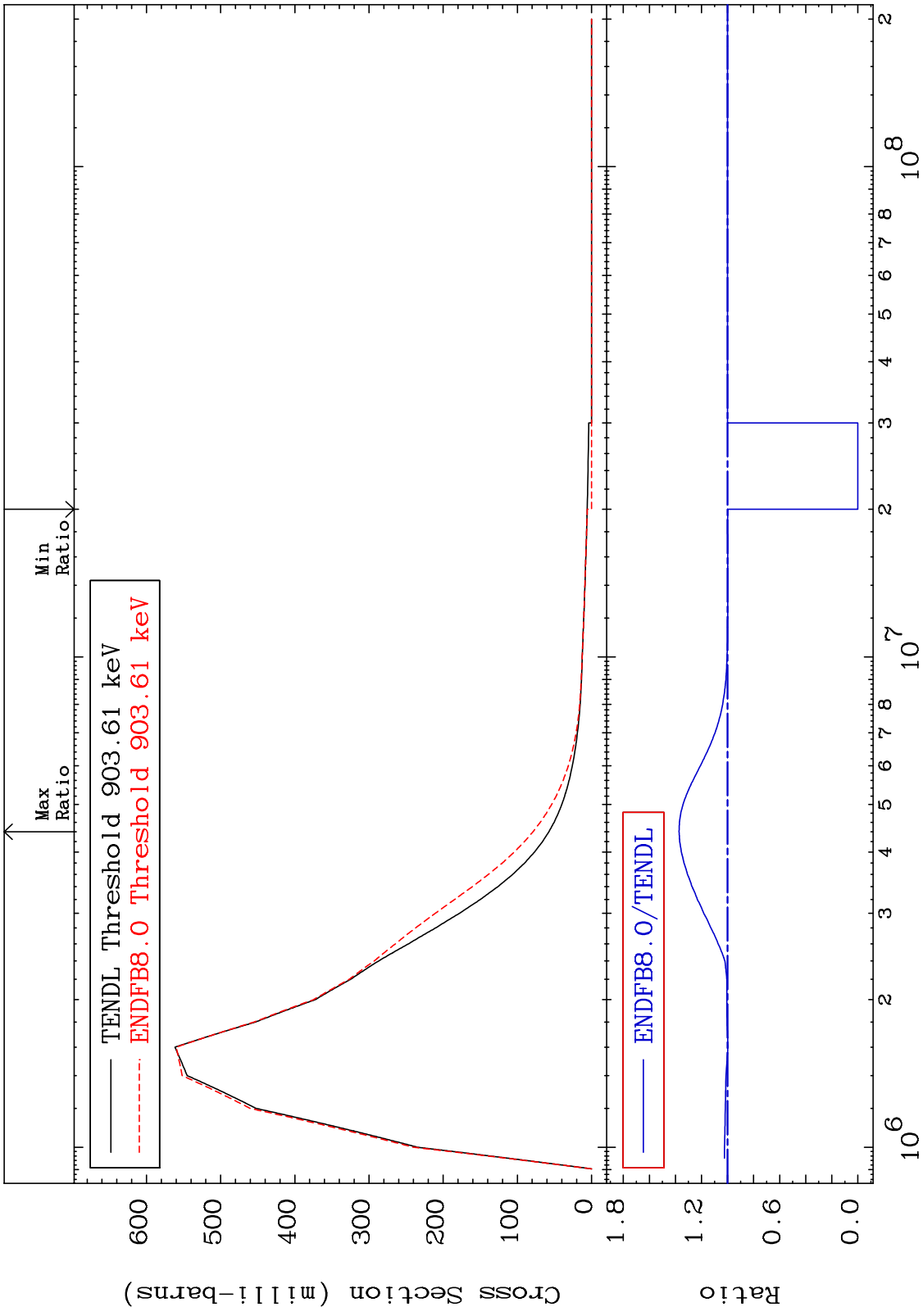
MAT 8225 (n,n') t 82-Pb-204
 Cross Section -100.0 To 2564. %



MAT 8225 (n,2n) p 82-Pb-204
 Cross Section -100.0 To 0.000 %

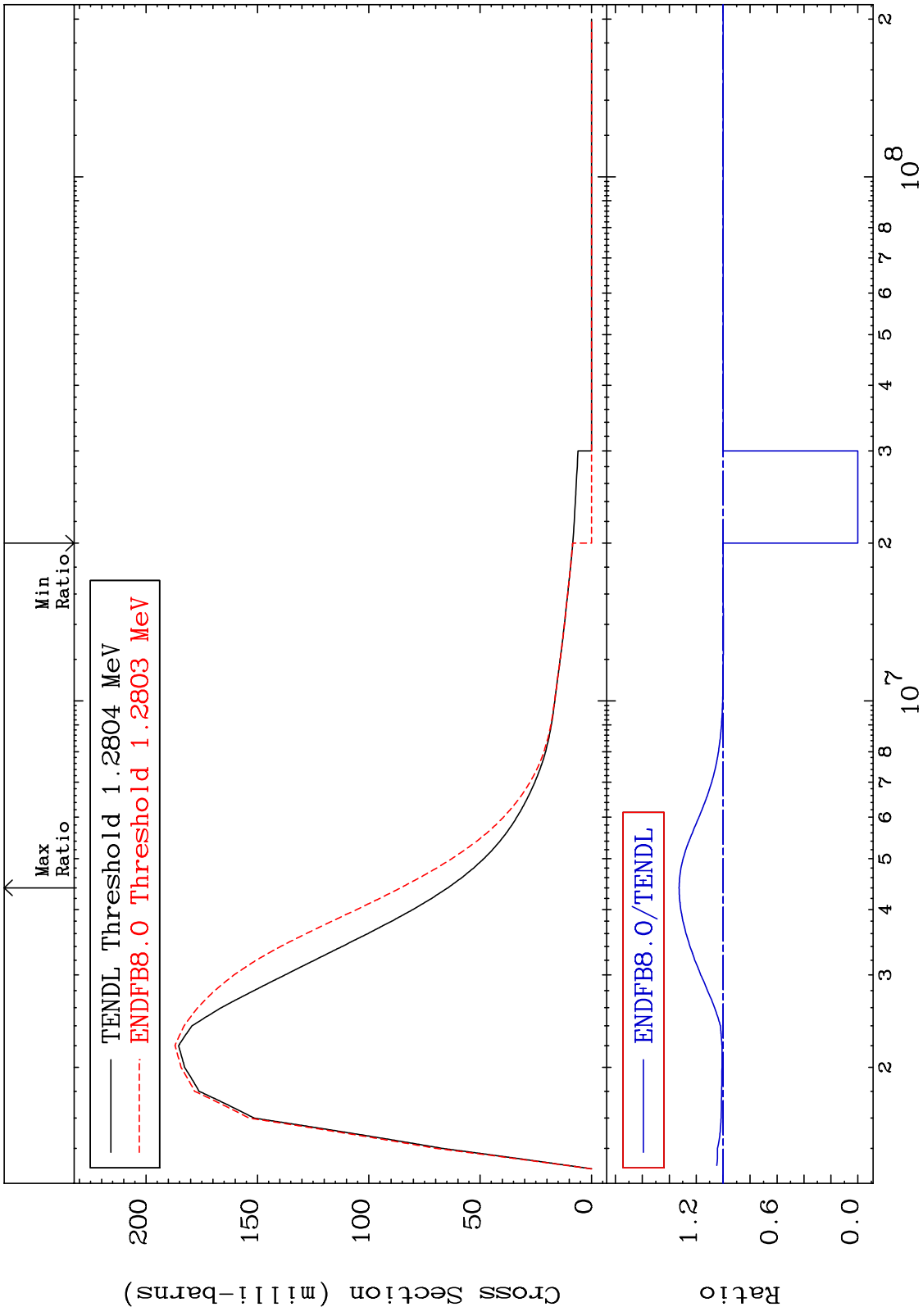


MAT 8225 MT= 51 (n,n') Level Cross Section -100.0 To 37.23 % 82-Pb-204

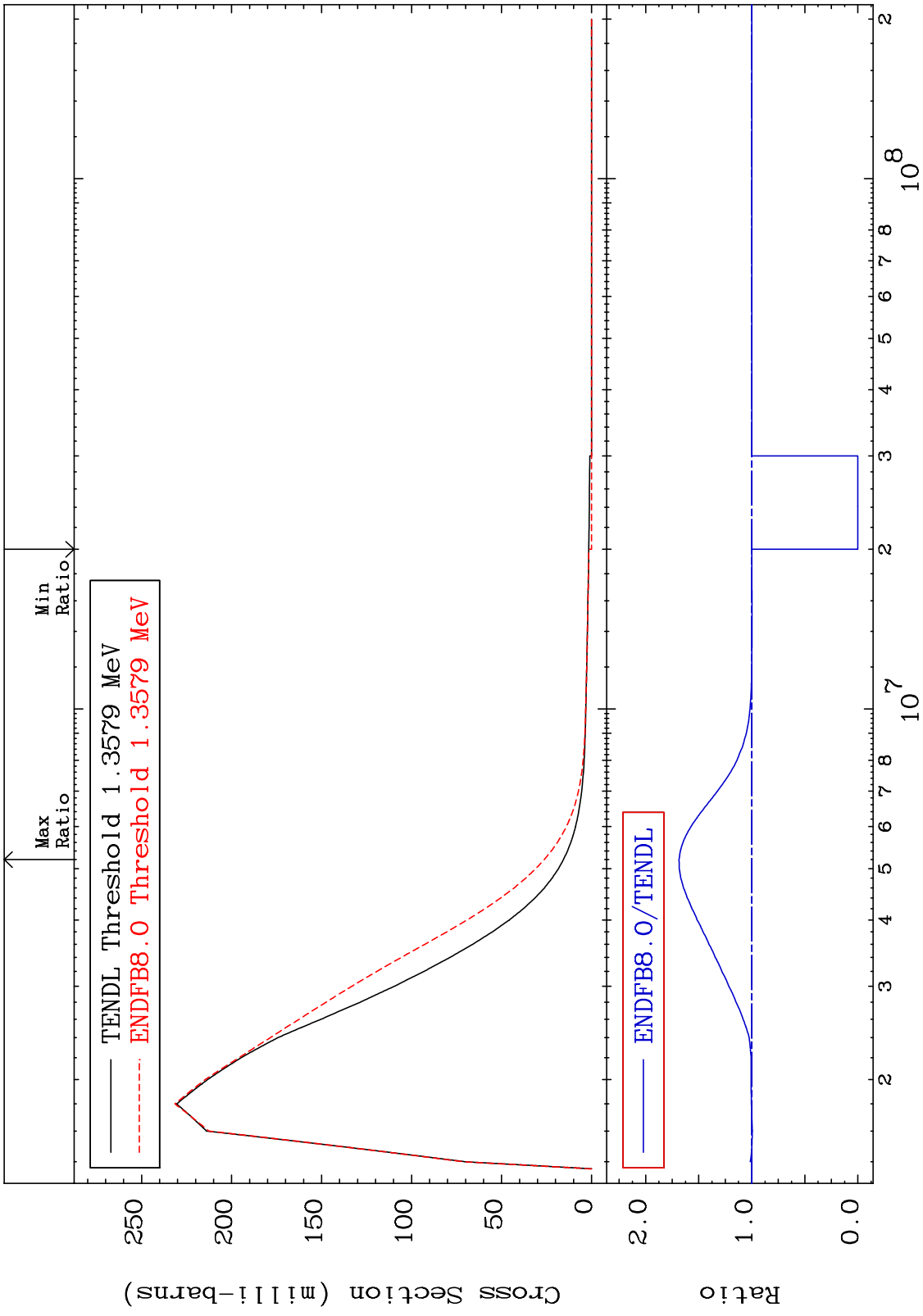


13 Incident Energy (eV) 82-Pb-204

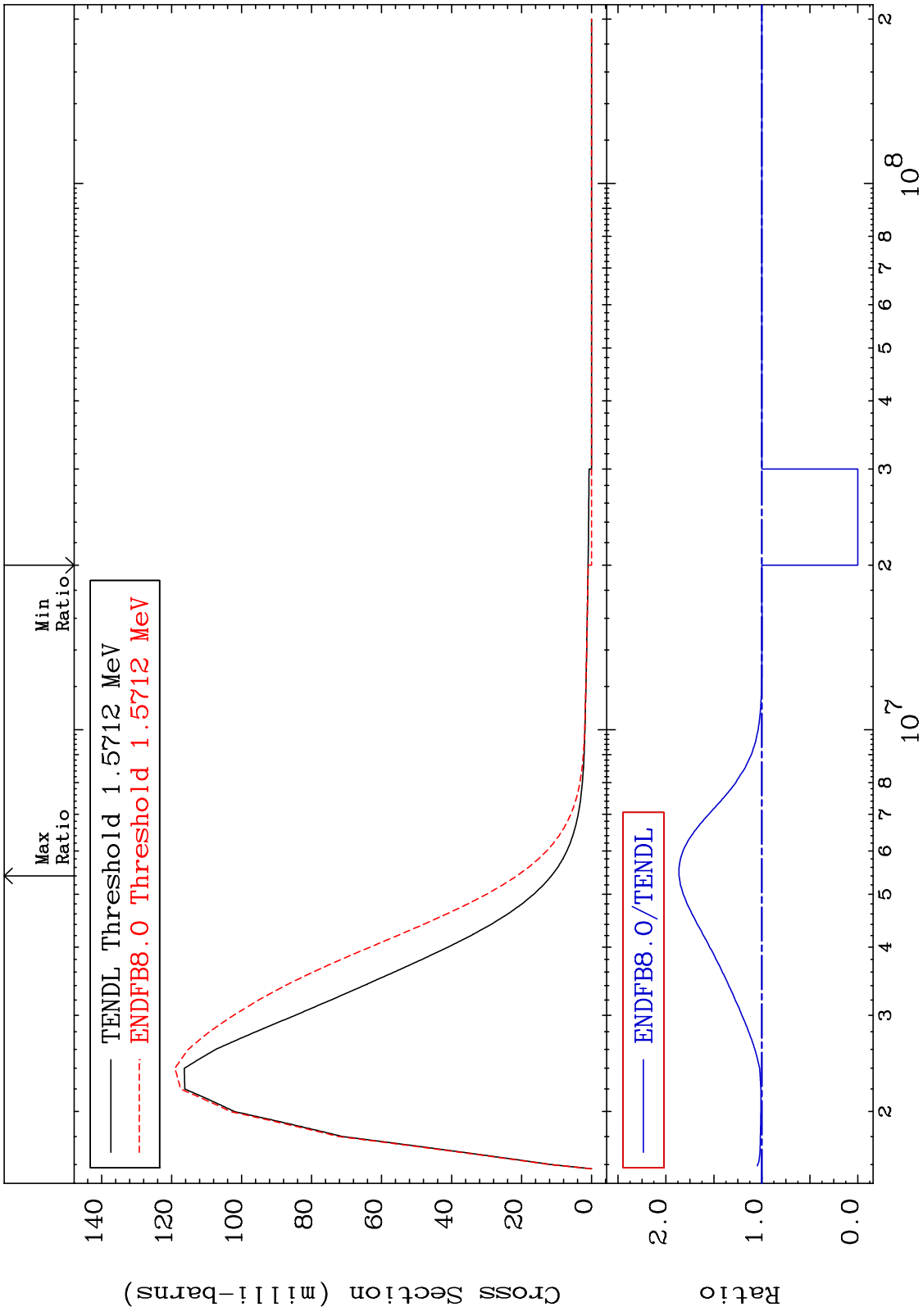
MAT 8225 MT= 52 (n,n') Level Cross Section -100.0 To 32.75 % 82-Pb-204



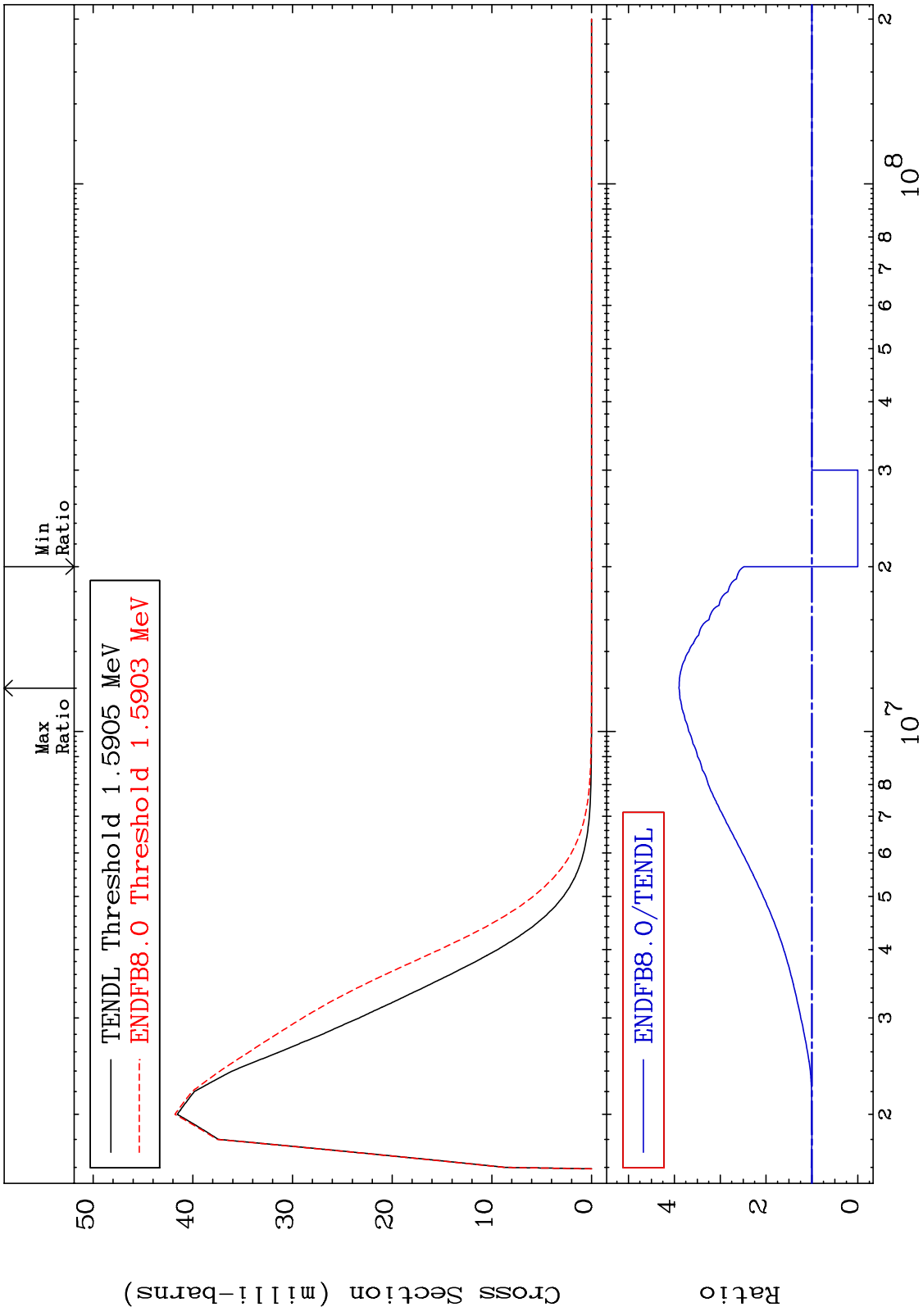
MAT 8225 MT= 53 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 68.53 %



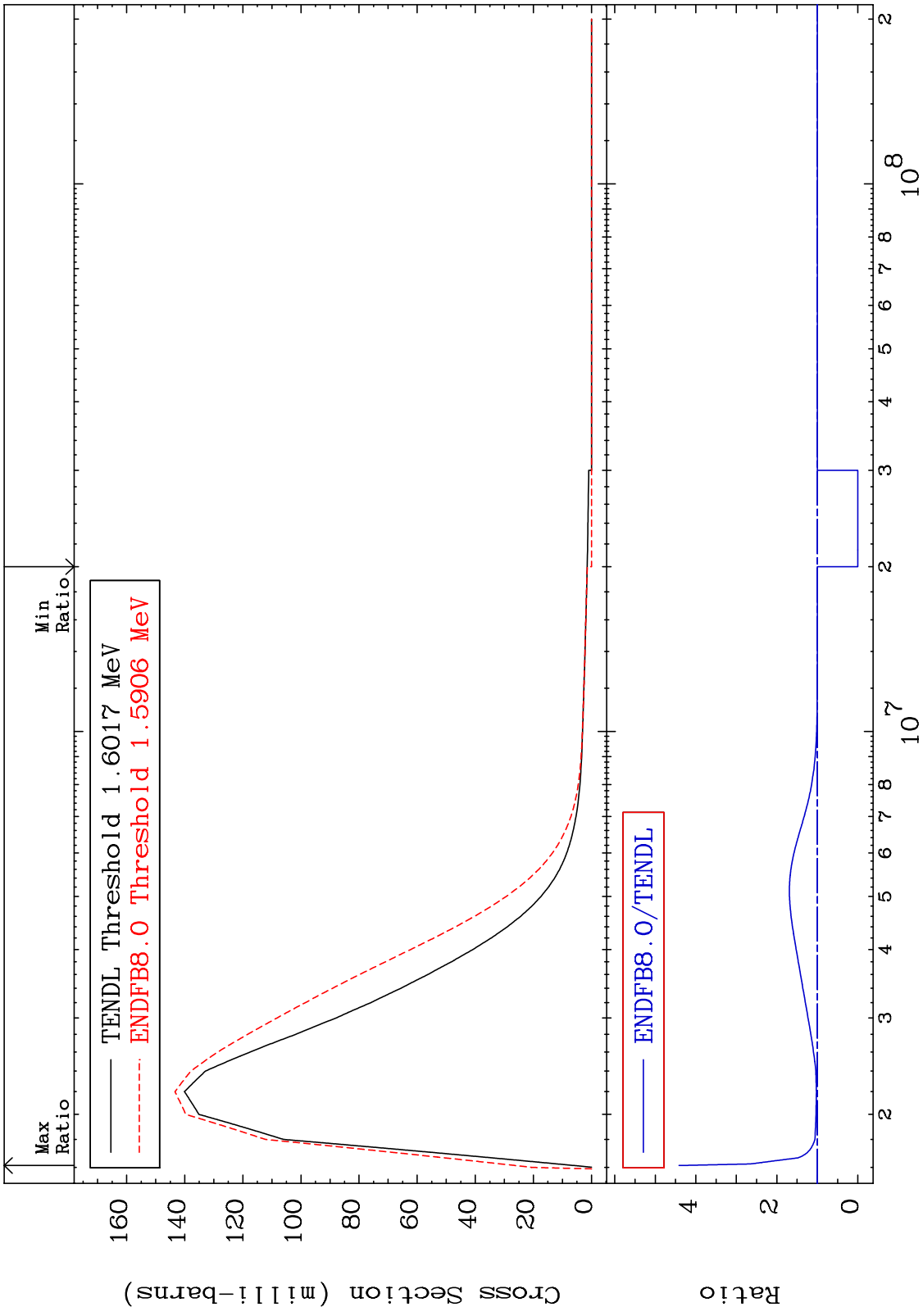
MAT 8225 MT= 54 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 86.32 %



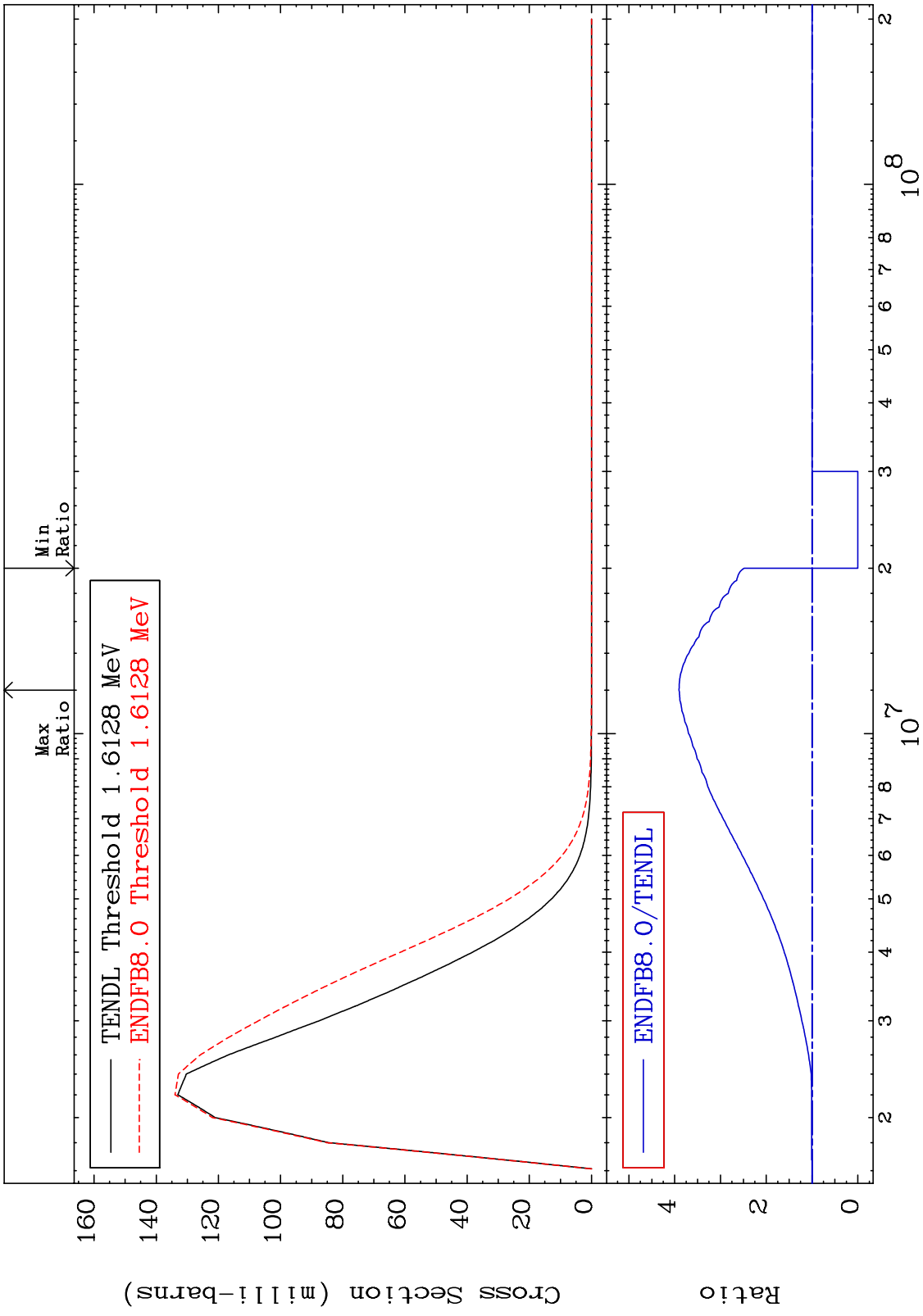
MAT 8225 MT= 55 (n,n') Level Cross Section -100.0 To 289.7 % 82-Pb-204



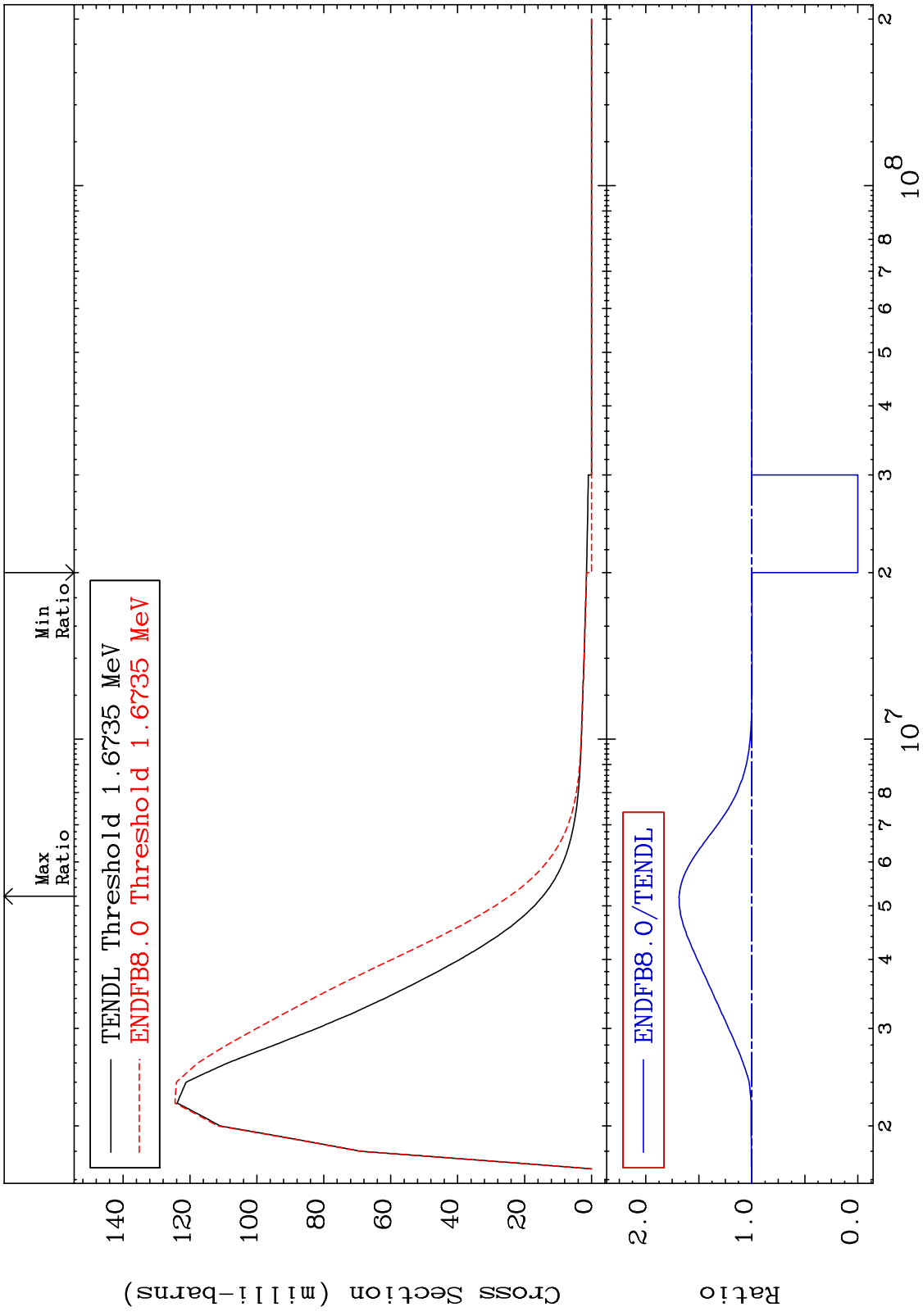
MAT 8225 MT= 56 (n,n') Level Cross Section -100.0 To 341.4 % 82-Pb-204



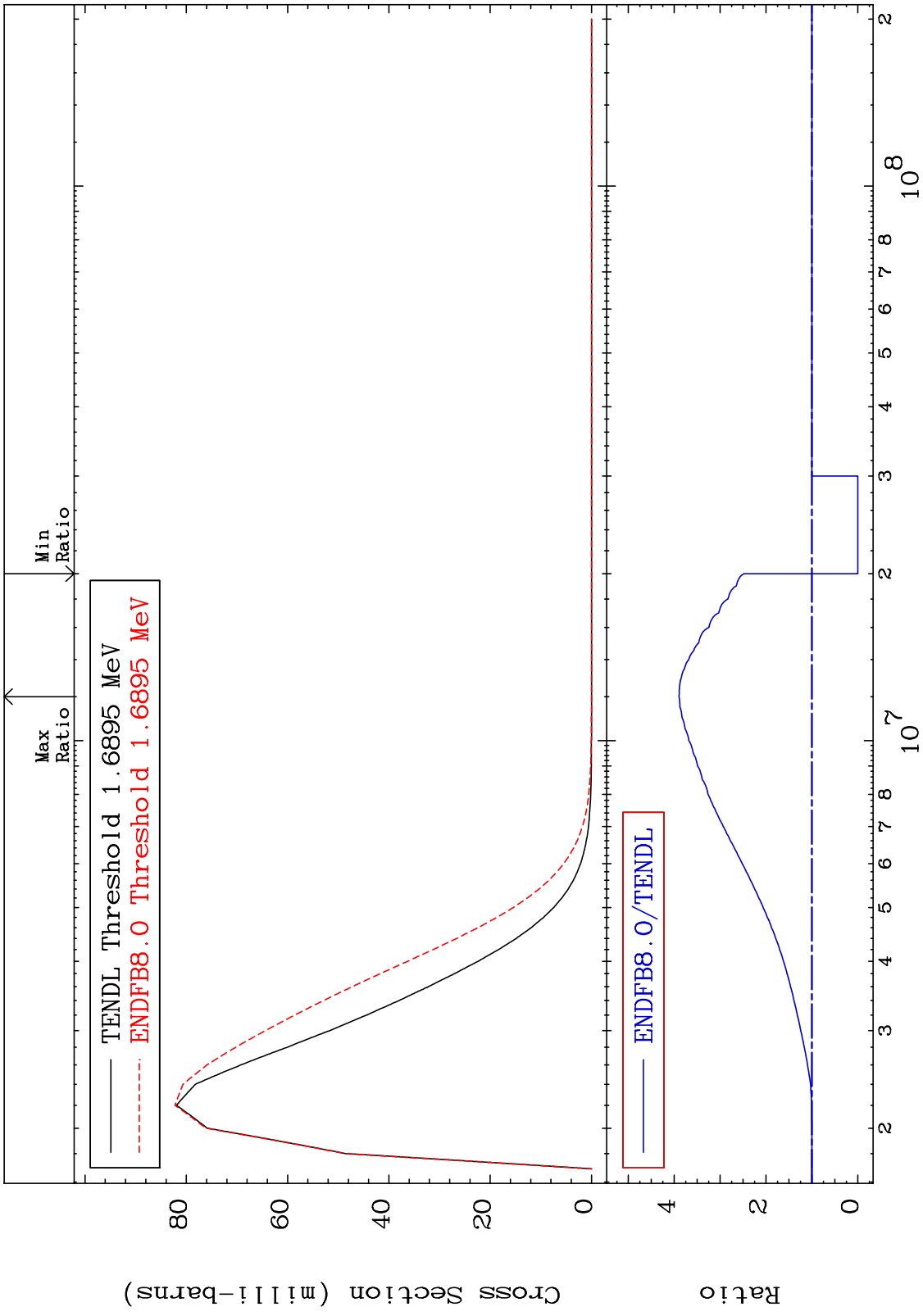
MAT 8225 MT= 57 (n,n') Level Cross Section -100.0 To 290.5 % 82-Pb-204



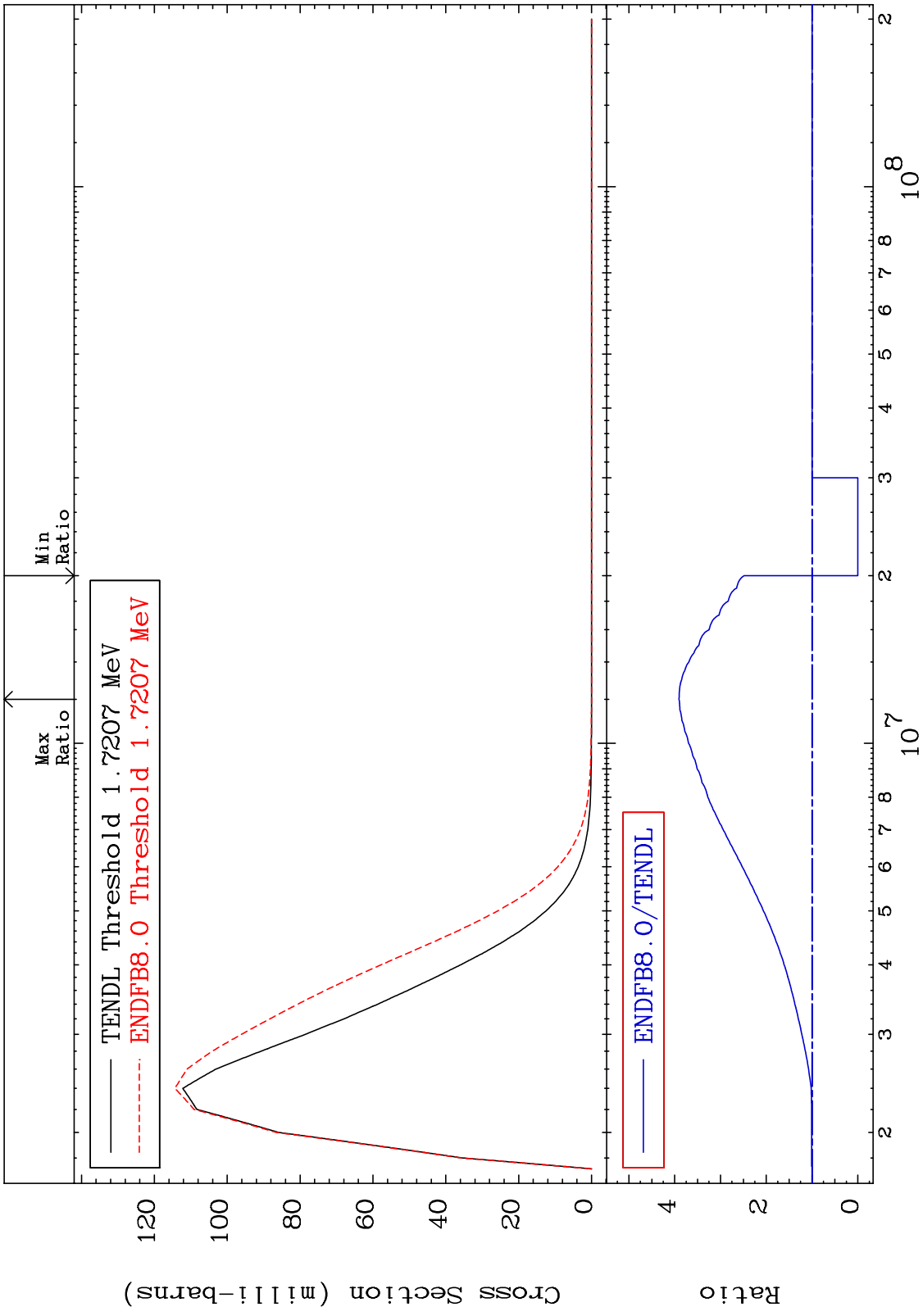
MAT 8225 MT= 58 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 68.59 %



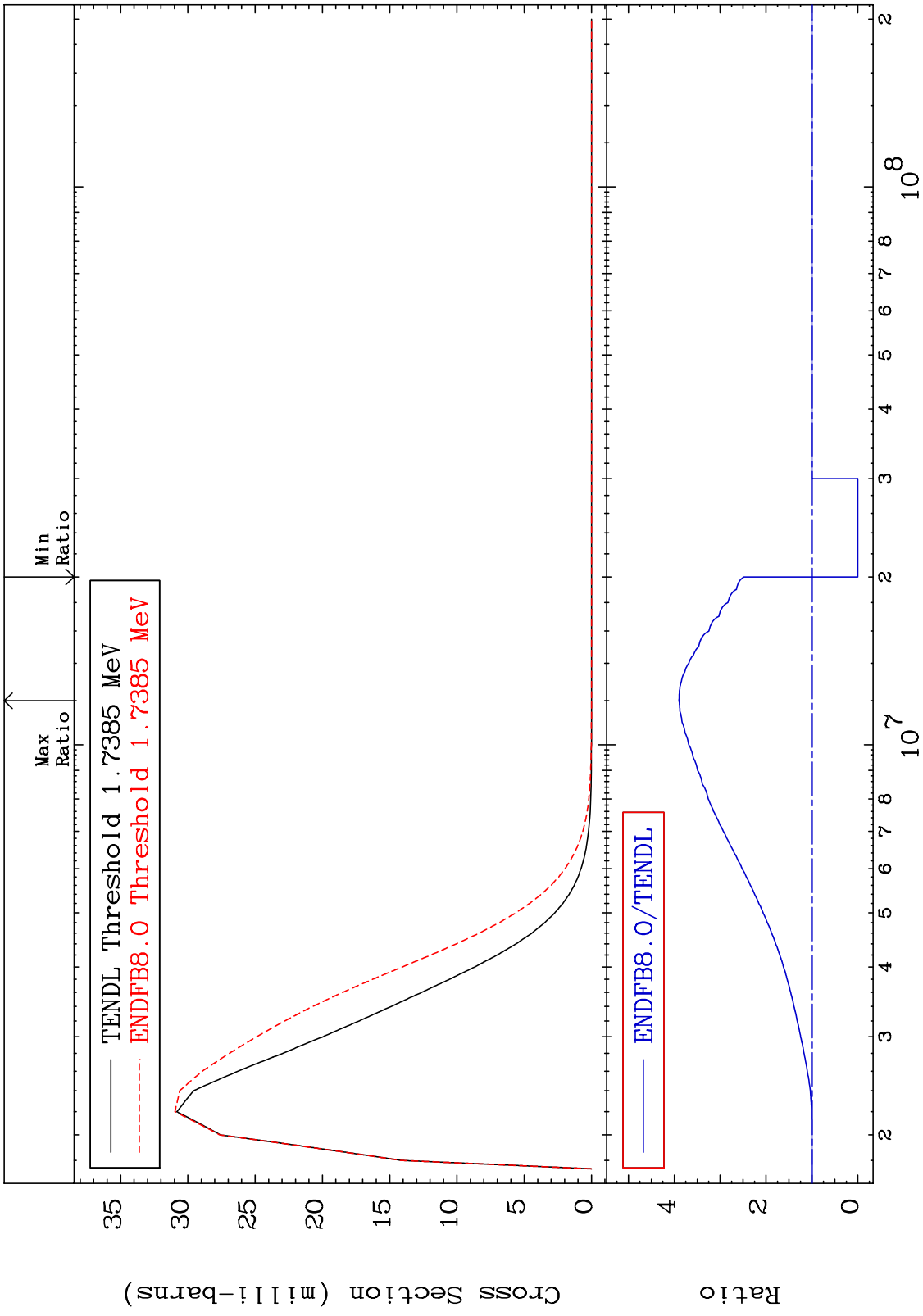
MAT 8225 MT= 59 (n,n') Level Cross Section -100.0 To 289.6 % 82-Pb-204



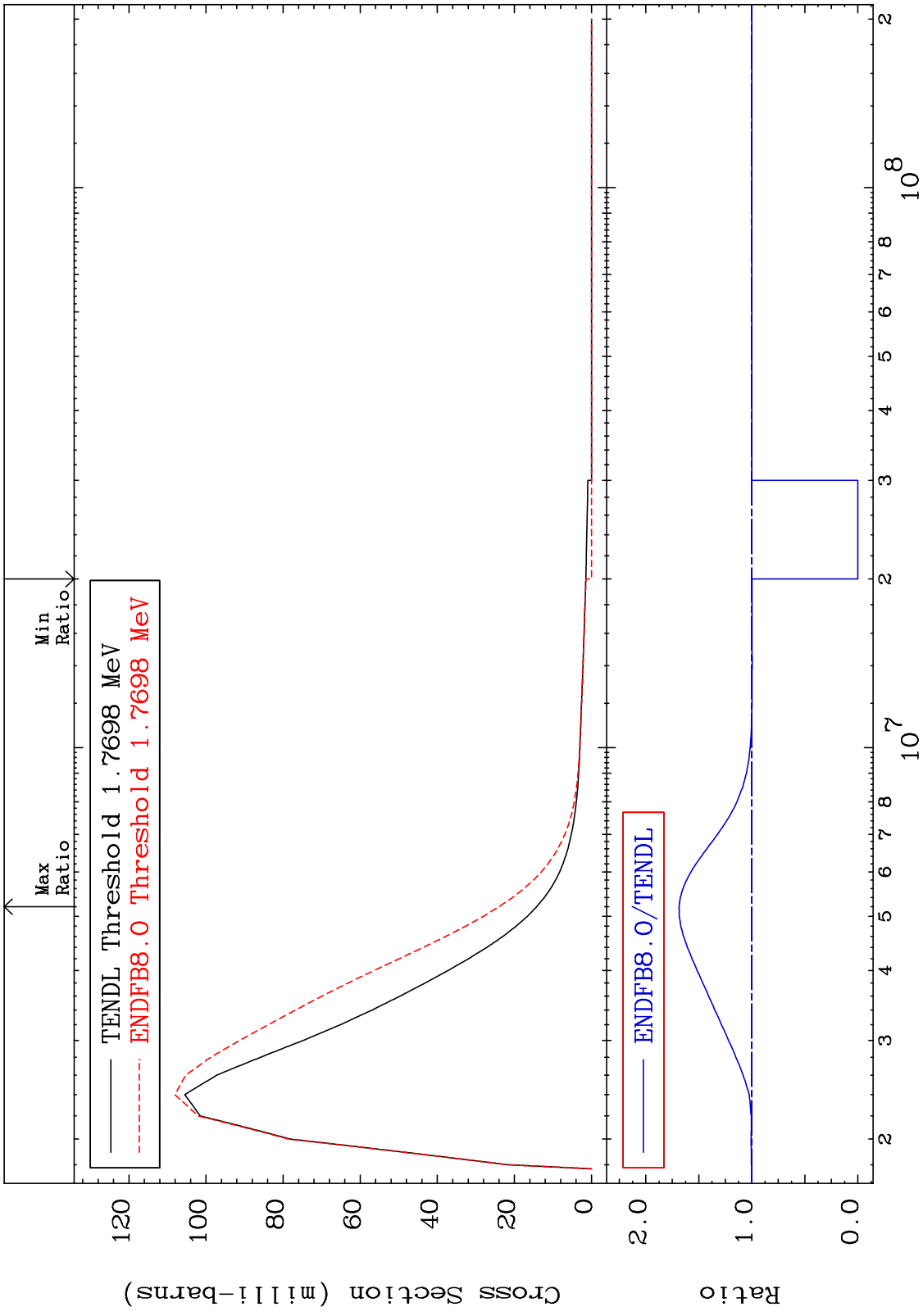
MAT 8225 MT= 60 (n,n') Level Cross Section -100.0 To 290.5 % 82-Pb-204



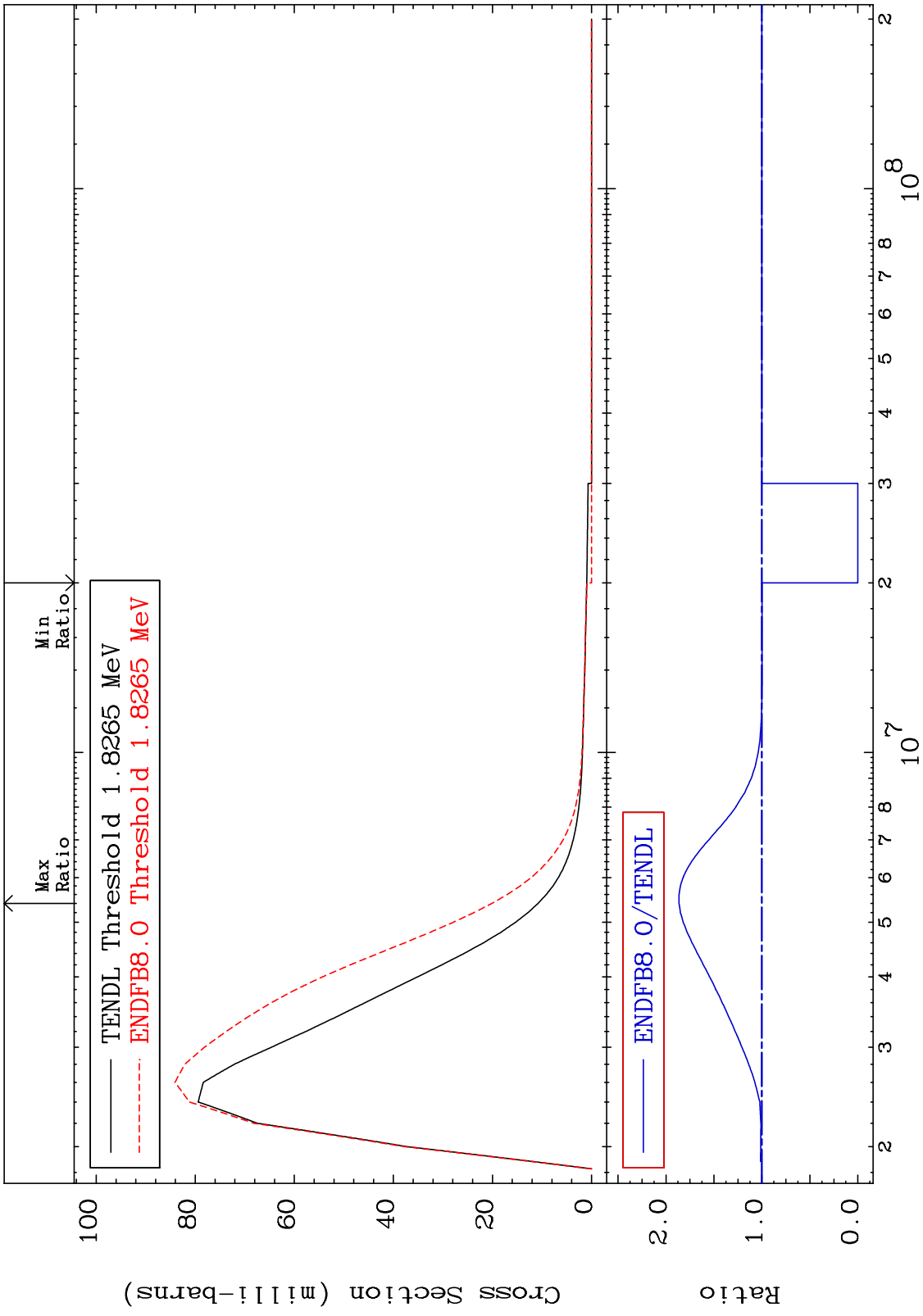
MAT 8225 MT= 61 (n,n') Level Cross Section -100.0 To 289.7 % 82-Pb-204



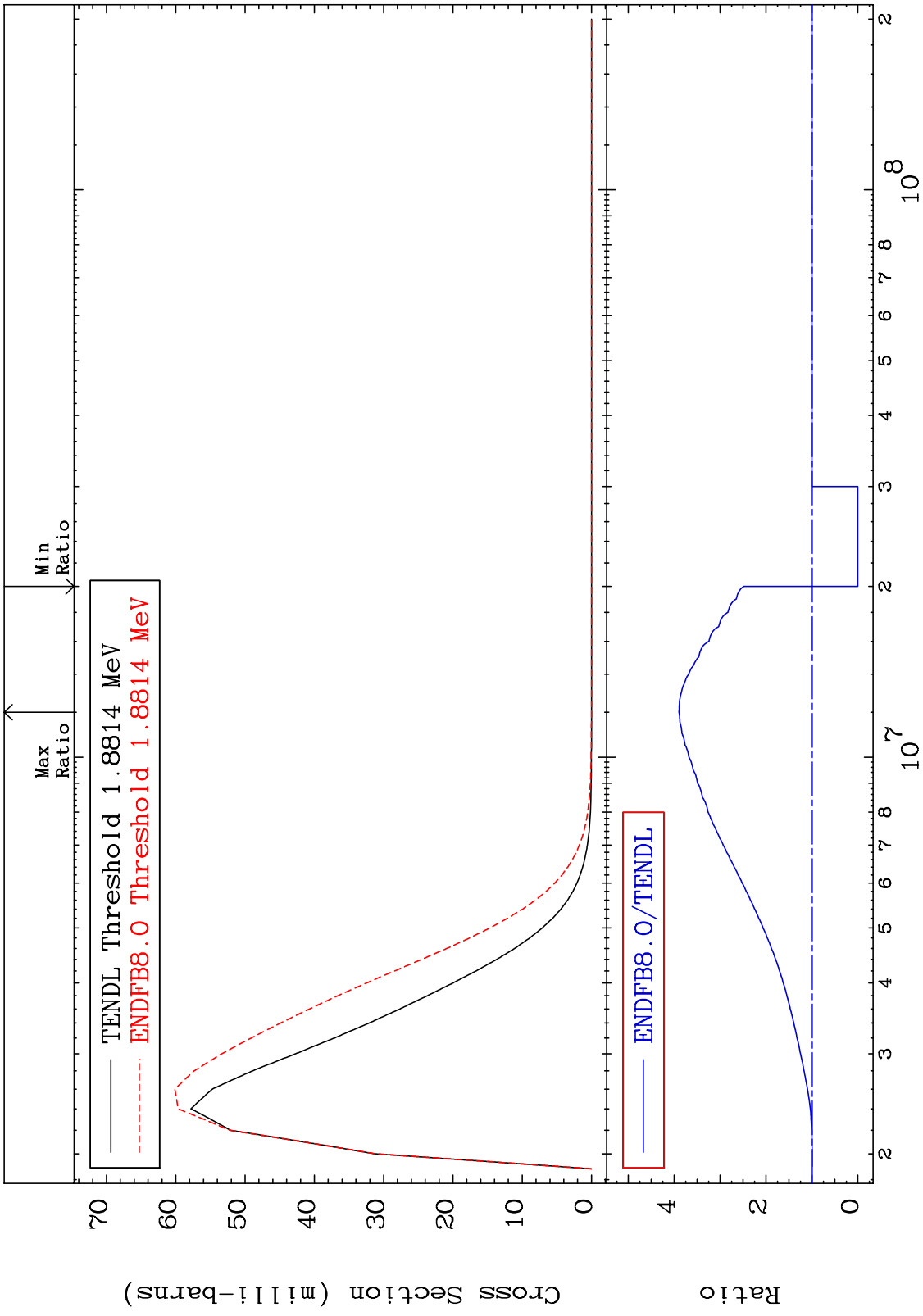
MAT 8225 MT= 62 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 68.64 %



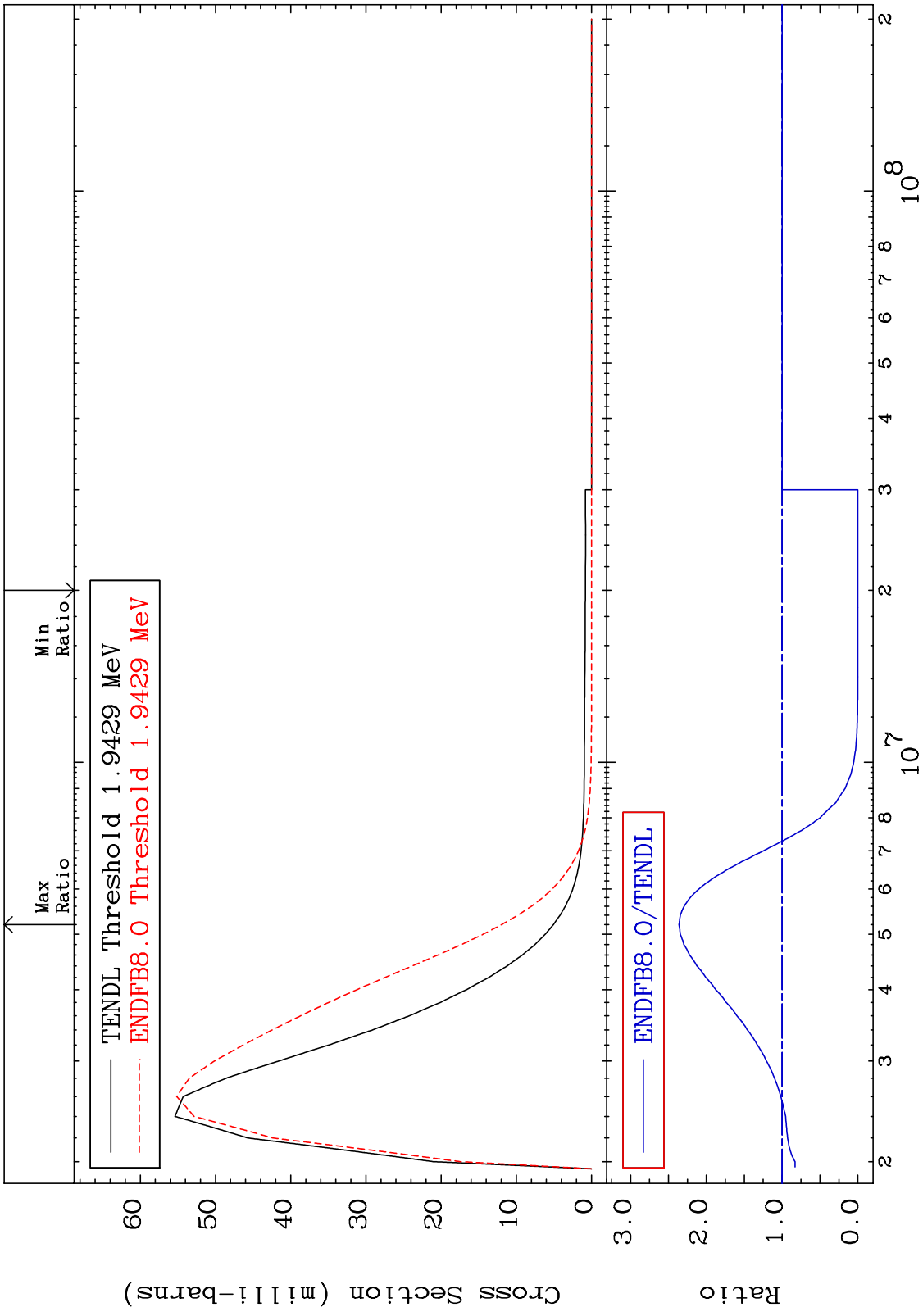
MAT 8225 MT= 63 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 86.39 %



MAT 8225 MT= 64 (n,n') Level Cross Section -100.0 To 289.5 % 82-Pb-204



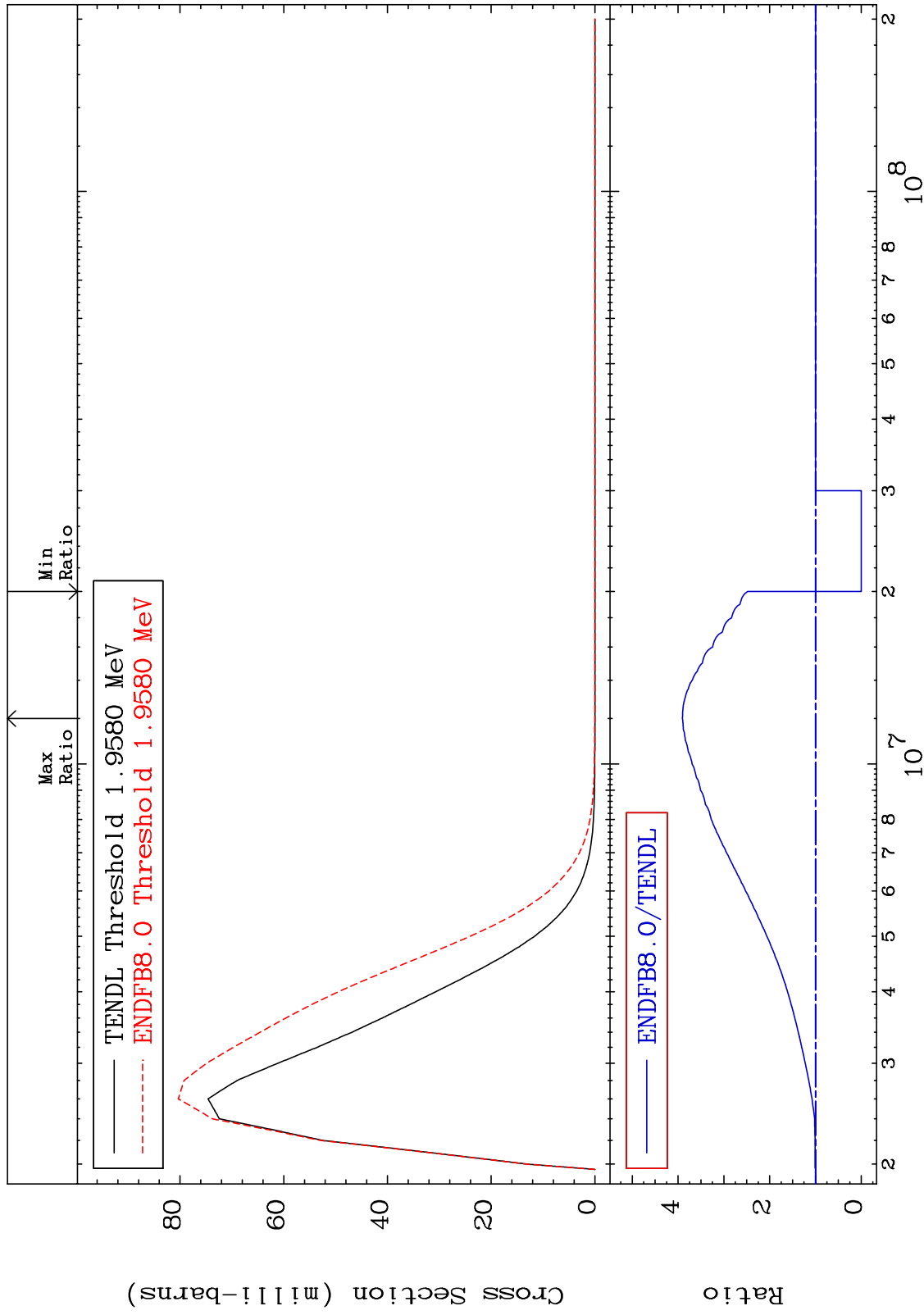
MAT 8225 MT= 65 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 136.1 %



MAT 8225

MT= 66 (n,n') Level
Cross Section

82-Pb-204
-100.0 To 290.4 %

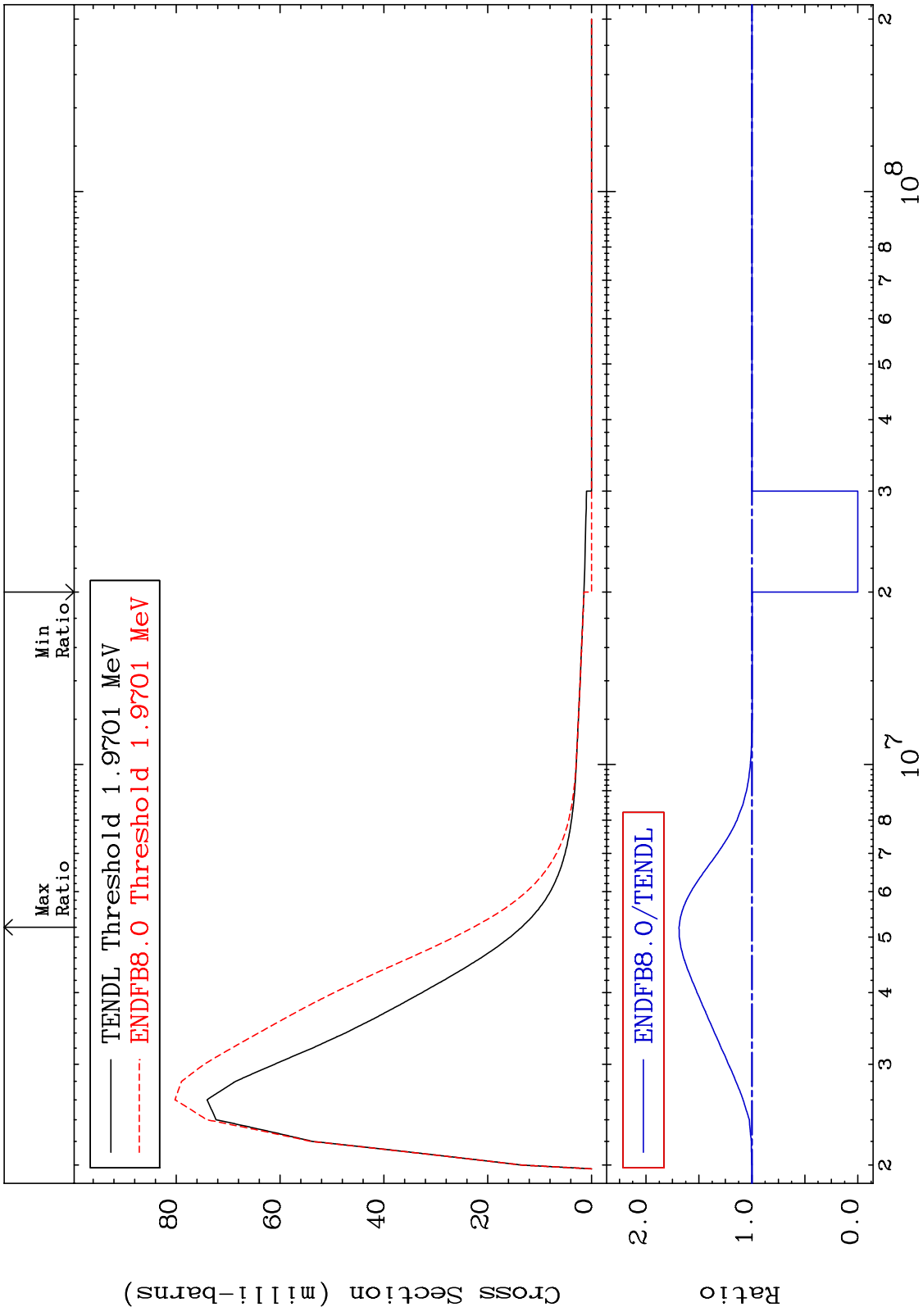


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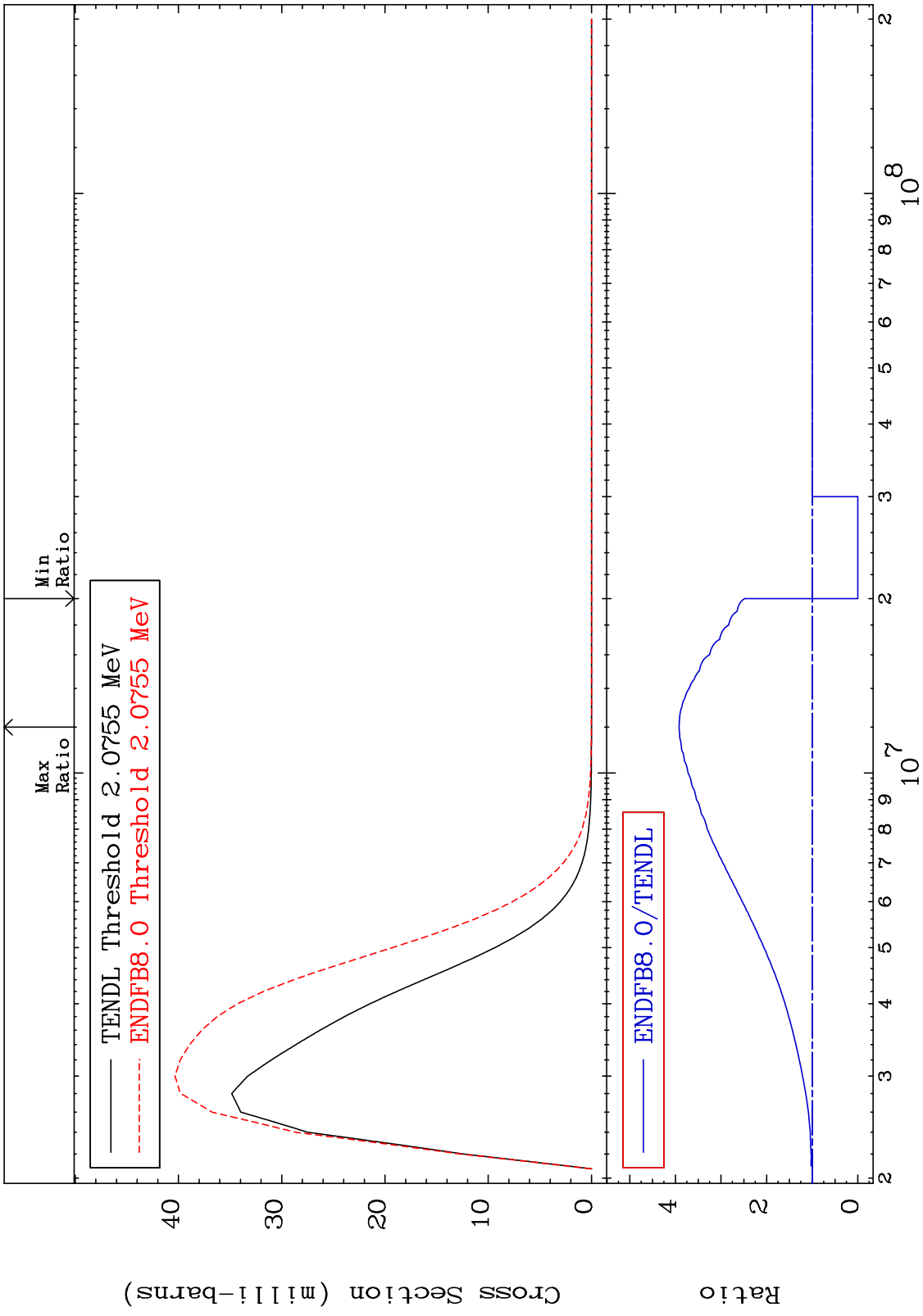
Incident Energy (eV)

82-Pb-204

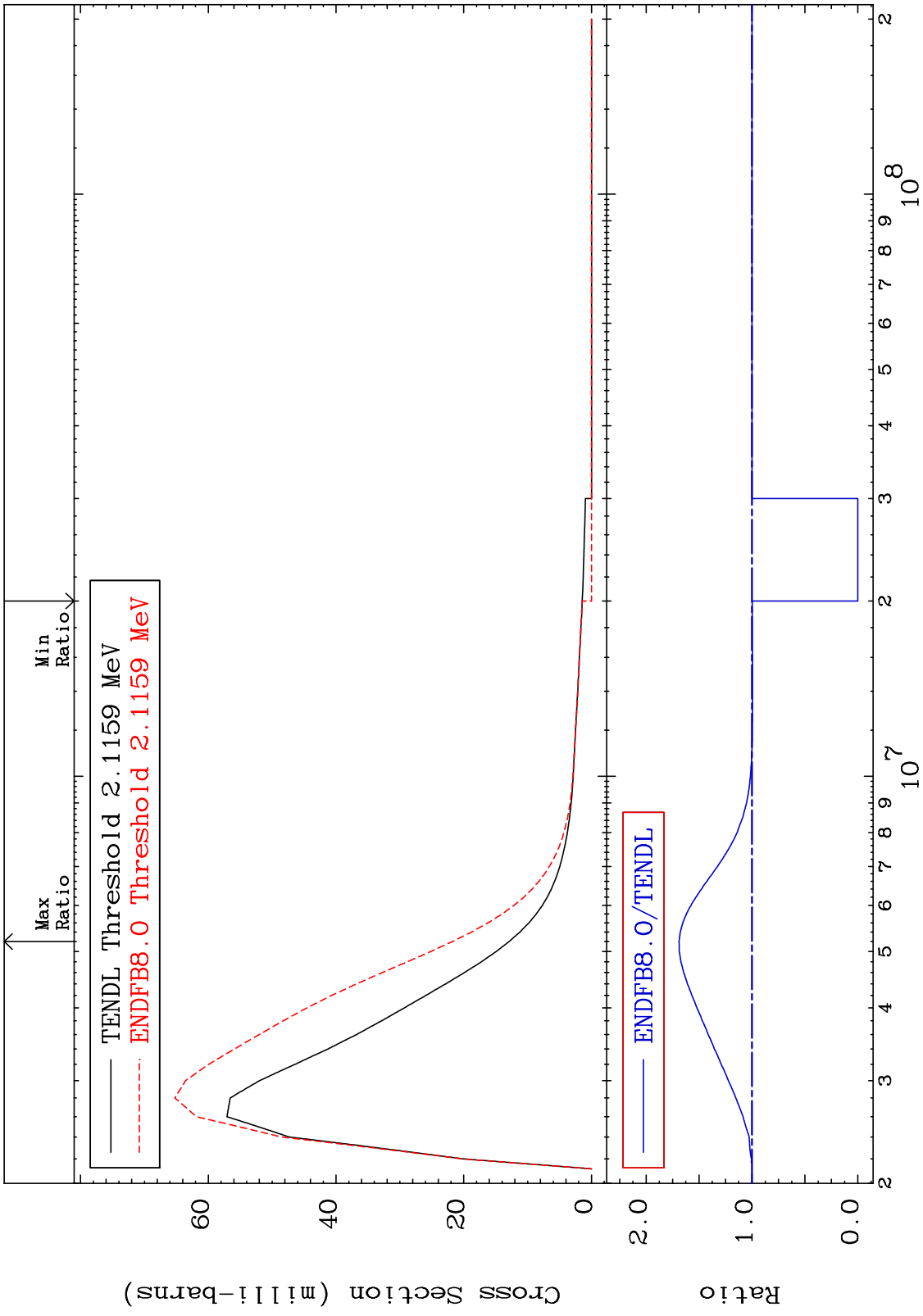
MAT 8225 MT= 67 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 68.78 %



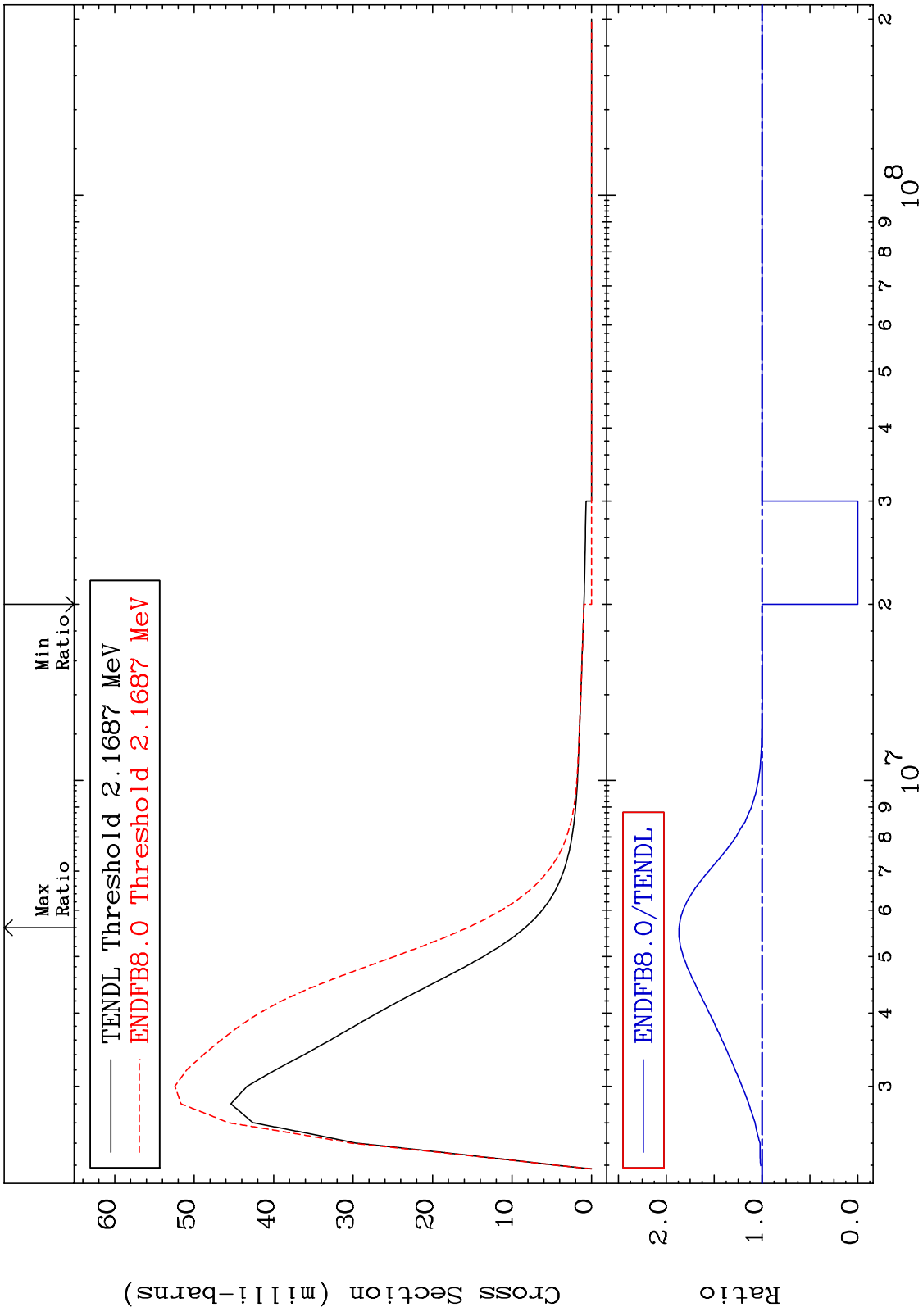
MAT 8225 MT= 68 (n,n') Level Cross Section -100.0 To 292.0 % 82-Pb-204



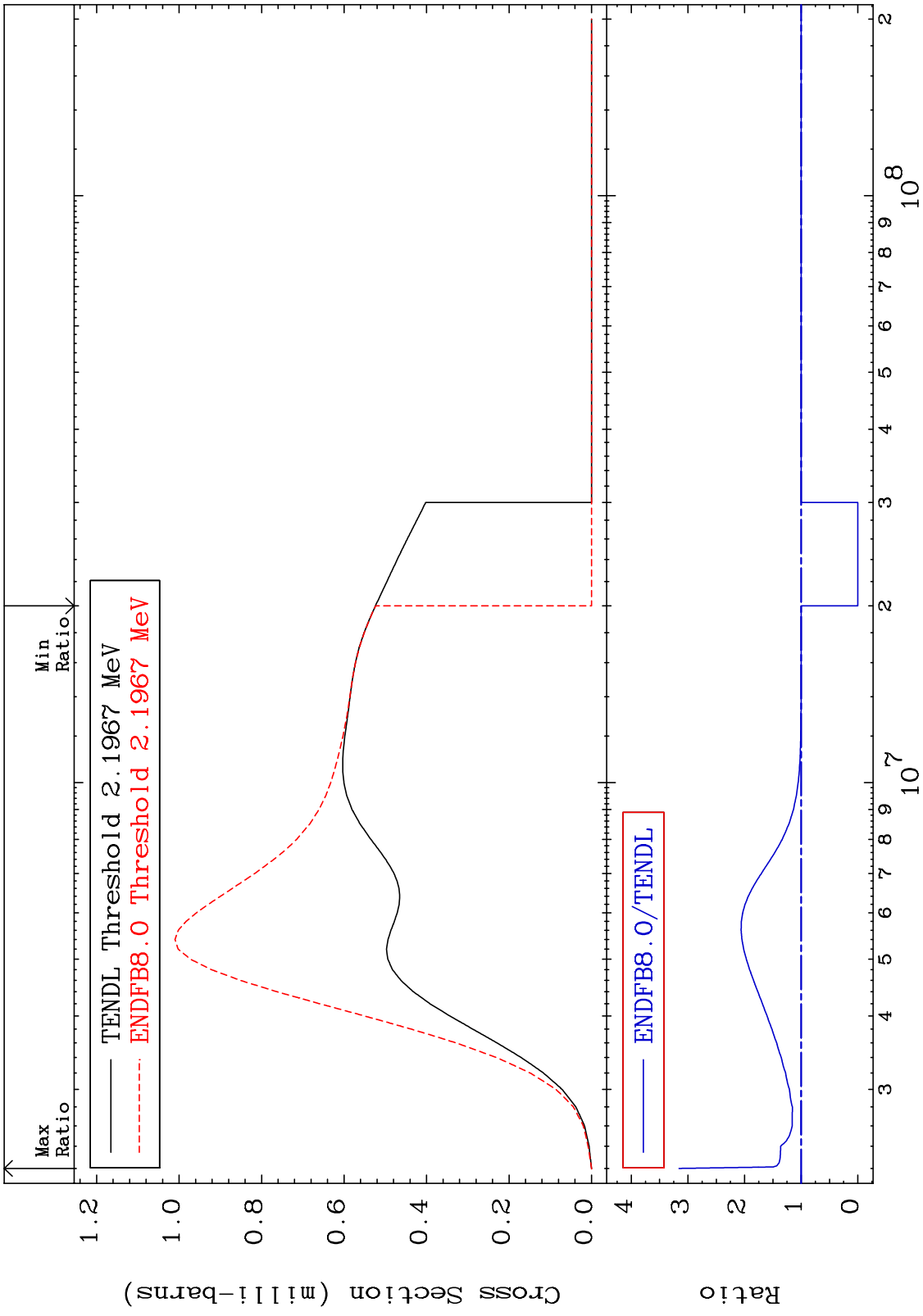
MAT 8225 MT= 69 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 68.91 %



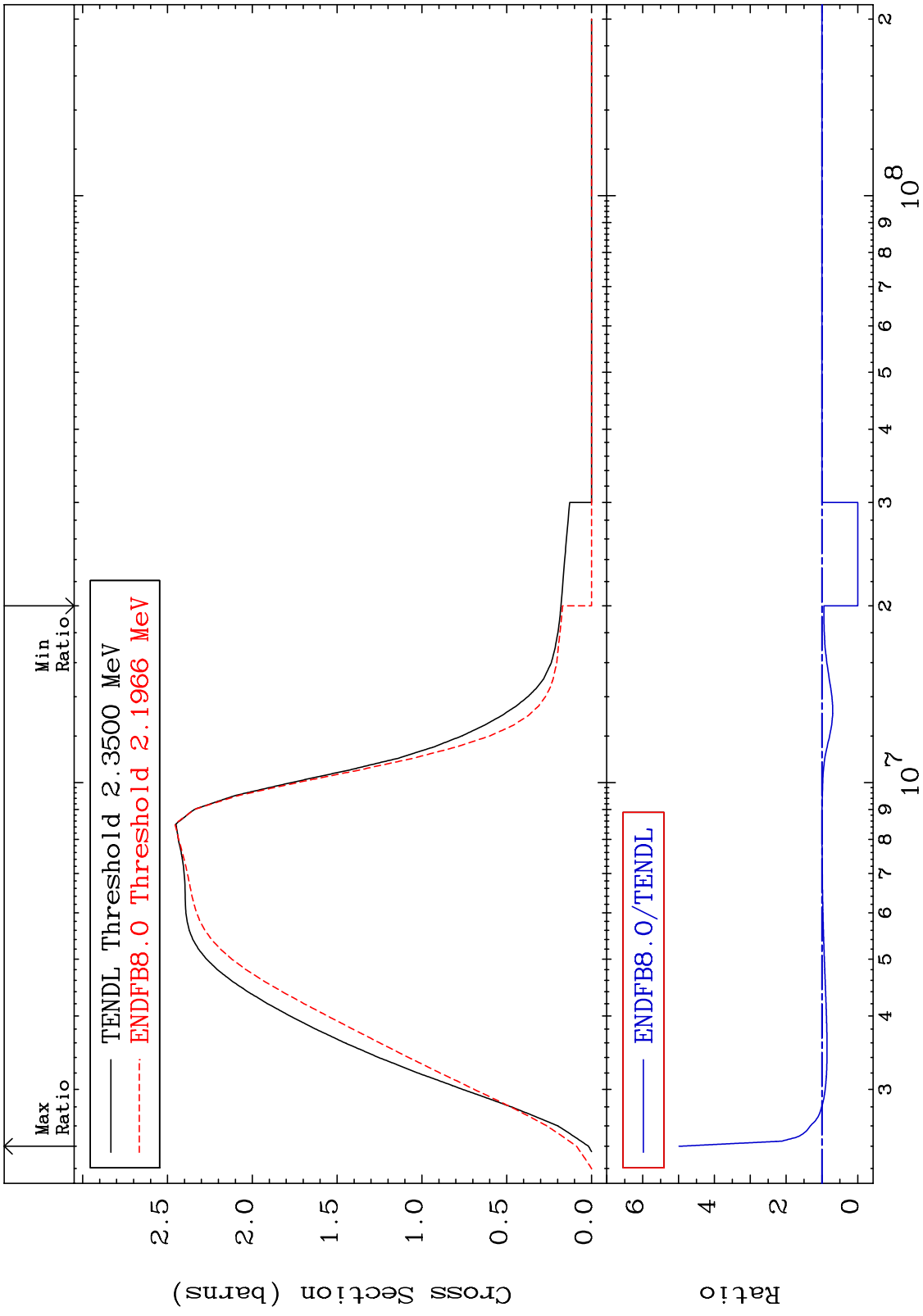
MAT 8225 MT= 70 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 86.67 %



MAT 8225 MT= 71 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 215.7 %



MAT 8225 (n, n') Continuum Cross Section 82-Pb-204 -100.0 To 398.7 %



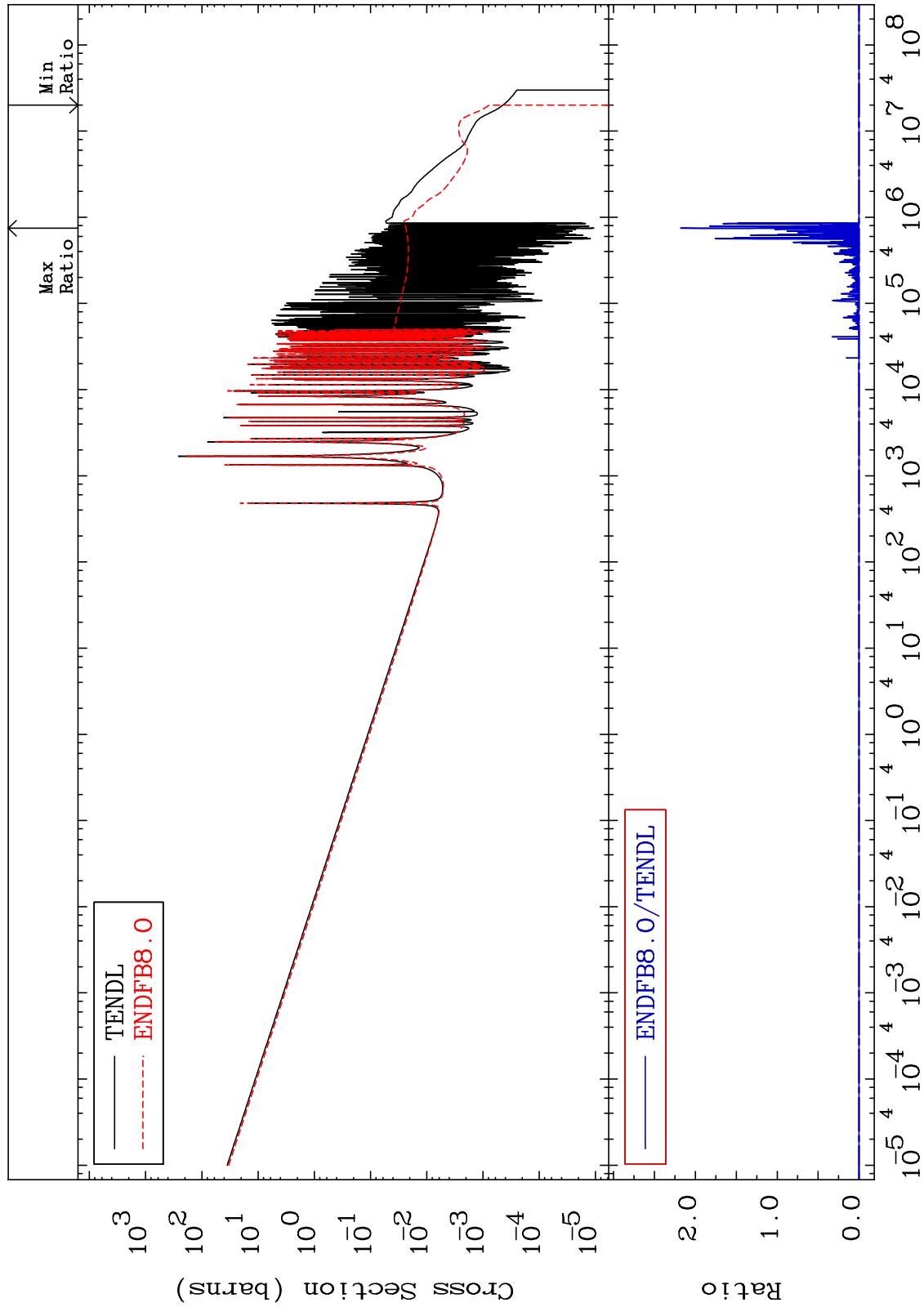
MAT 8225

(n, γ)

82-Pb-204

Cross Section

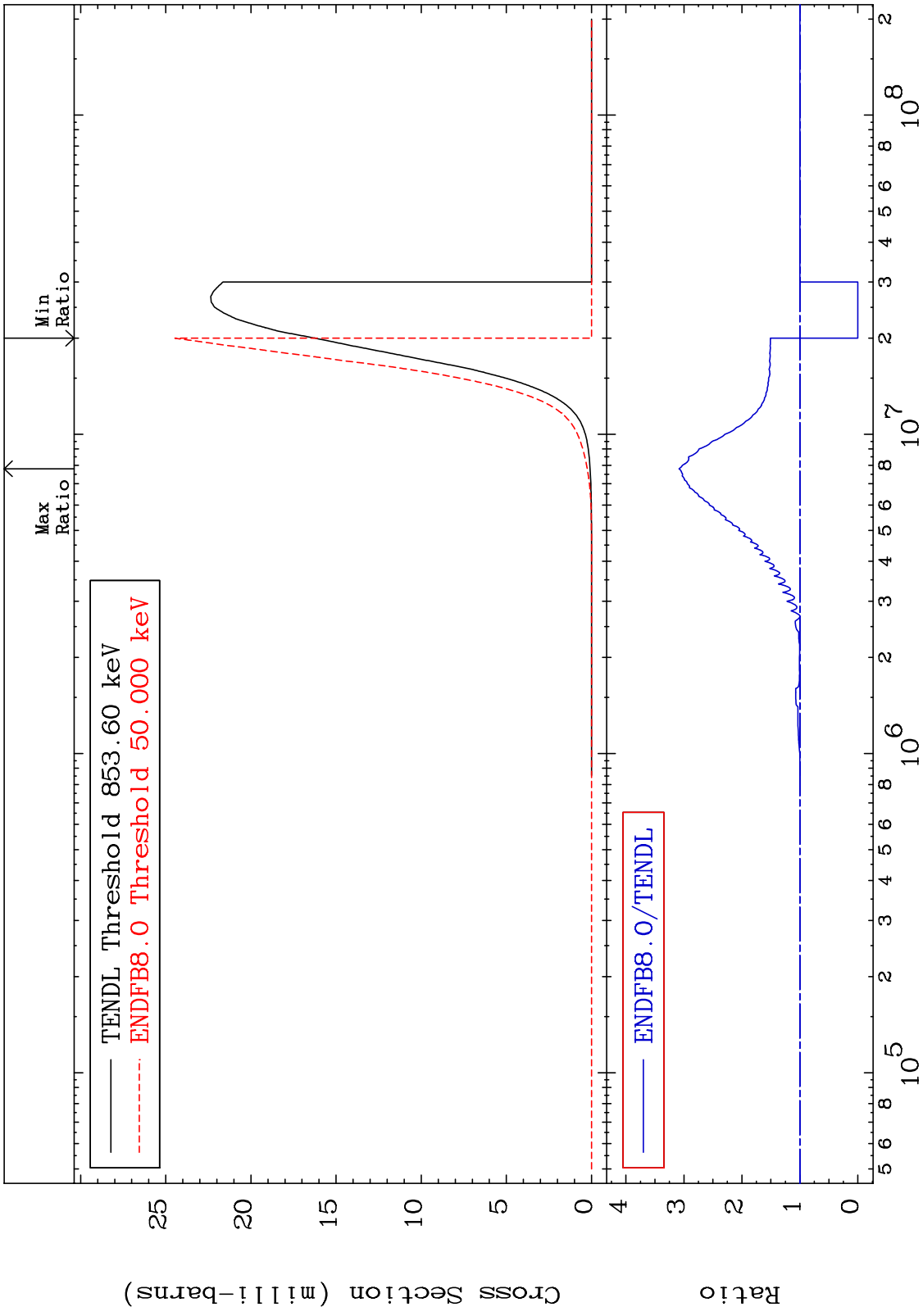
-100.0 To 9999. %



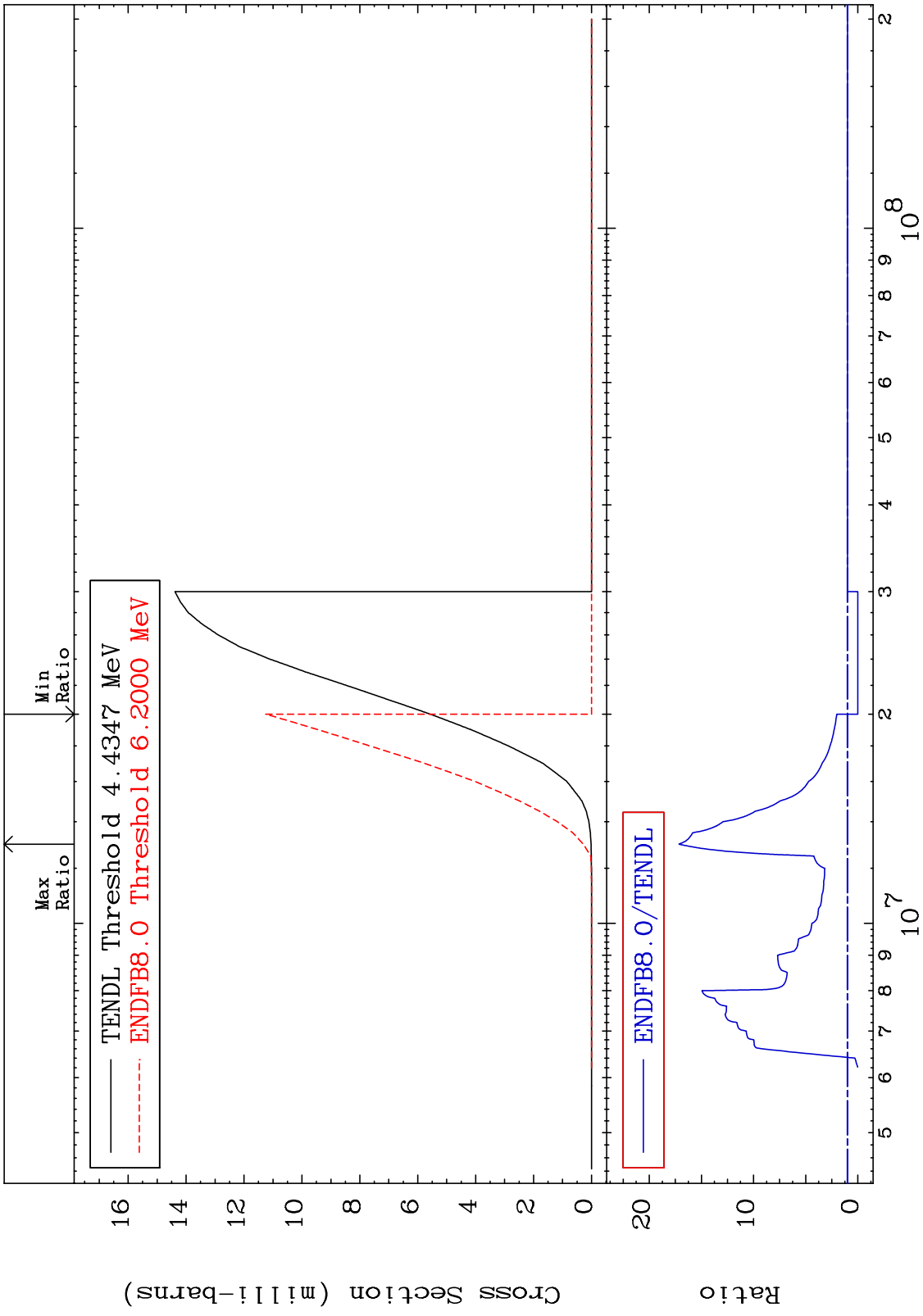
Incident Energy (eV)

82-Pb-204

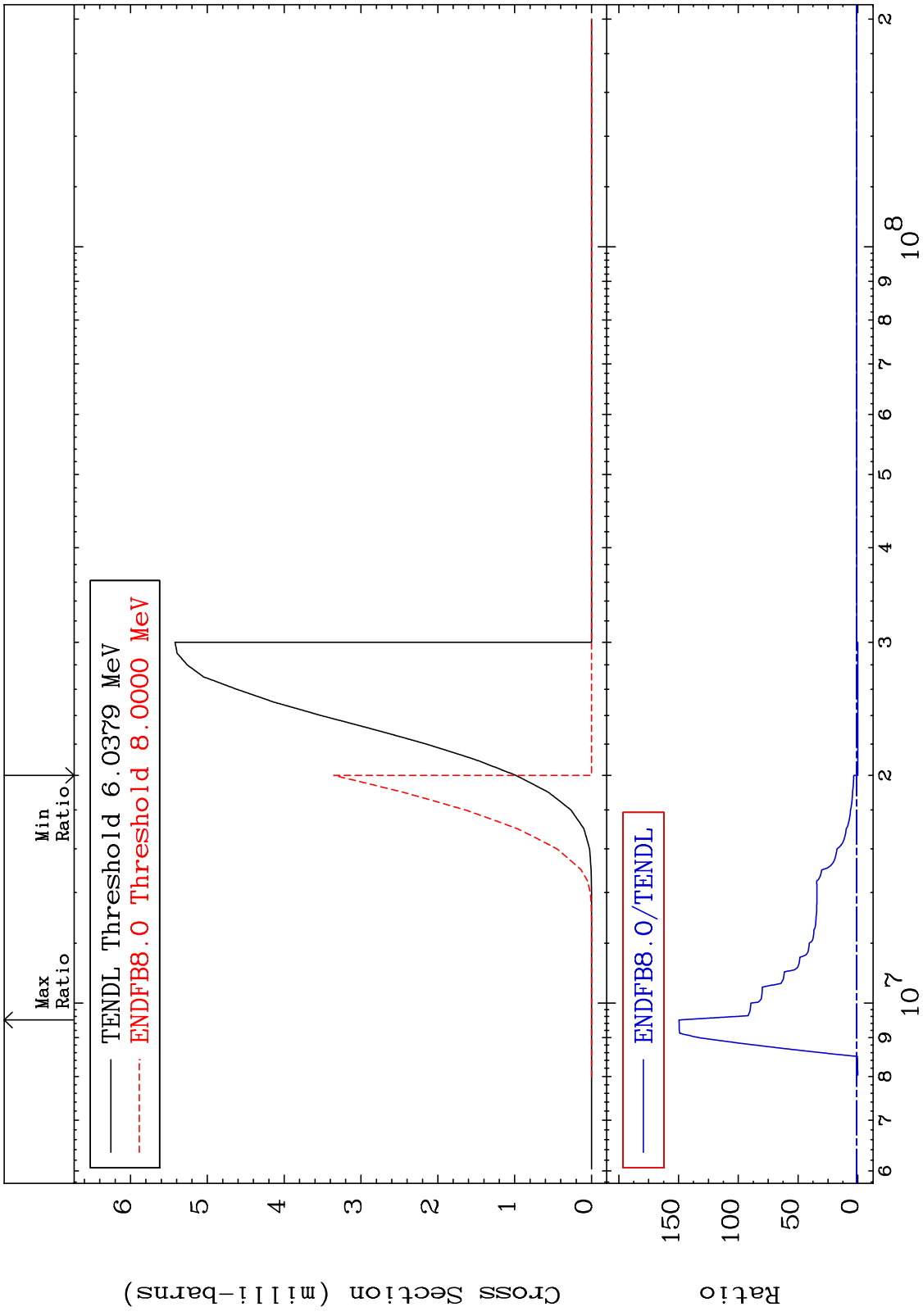
MAT 8225 (n,p) Cross Section 82-Pb-204 -100.0 To 208.4 %



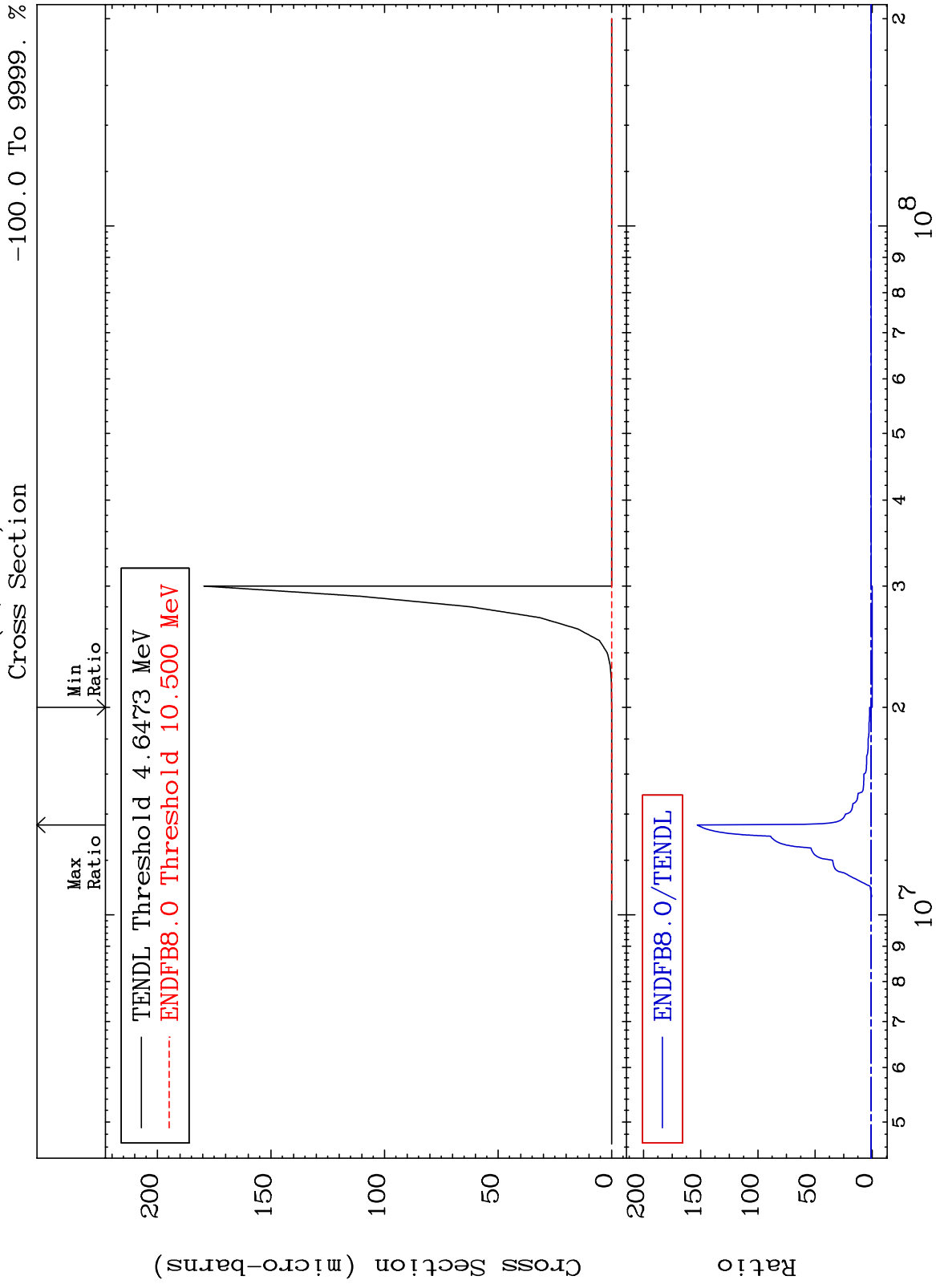
MAT 8225 (n,d) Cross Section 82-Pb-204 -100.0 To 1614. %



MAT 8225 (n,t) Cross Section 82-Pb-204 -100.0 To 9999. %



MAT 8225 (n, He-3) 82-Pb-204 -100.0 To 9999. %



39 Incident Energy (eV) 82-Pb-204

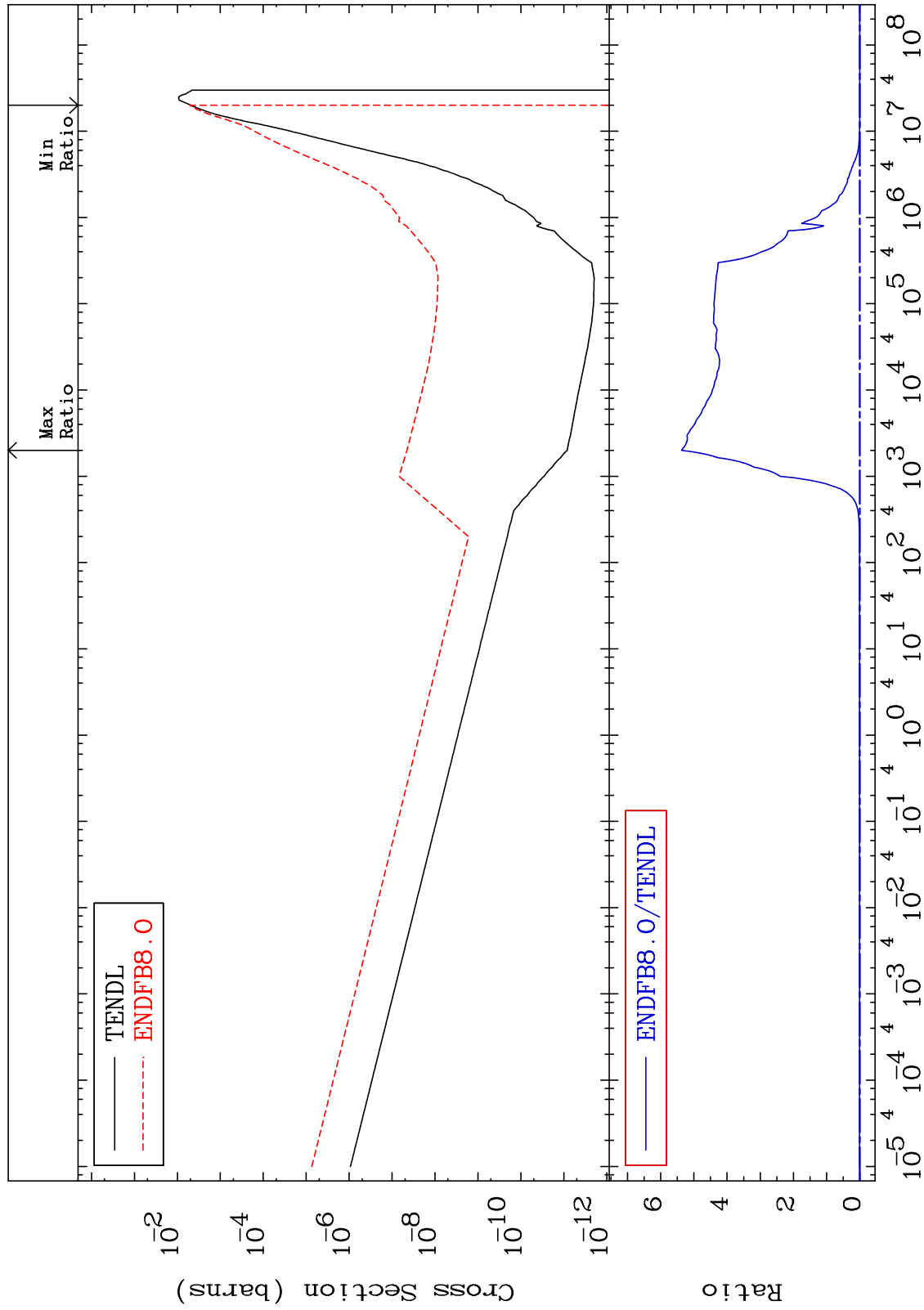
MAT 8225

(n, α)

82-Pb-204

Cross Section

-100.0 To 9999. %

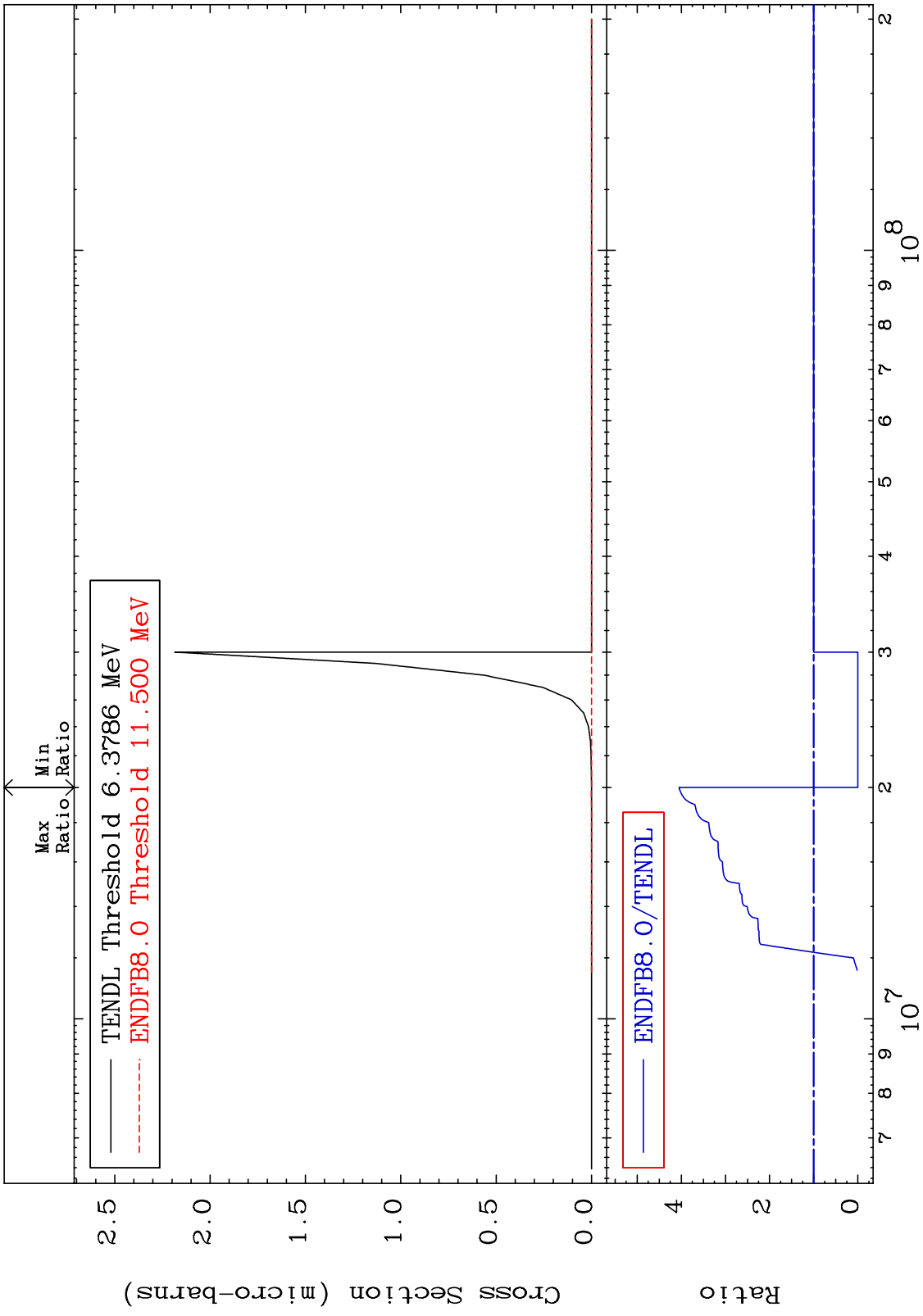


40

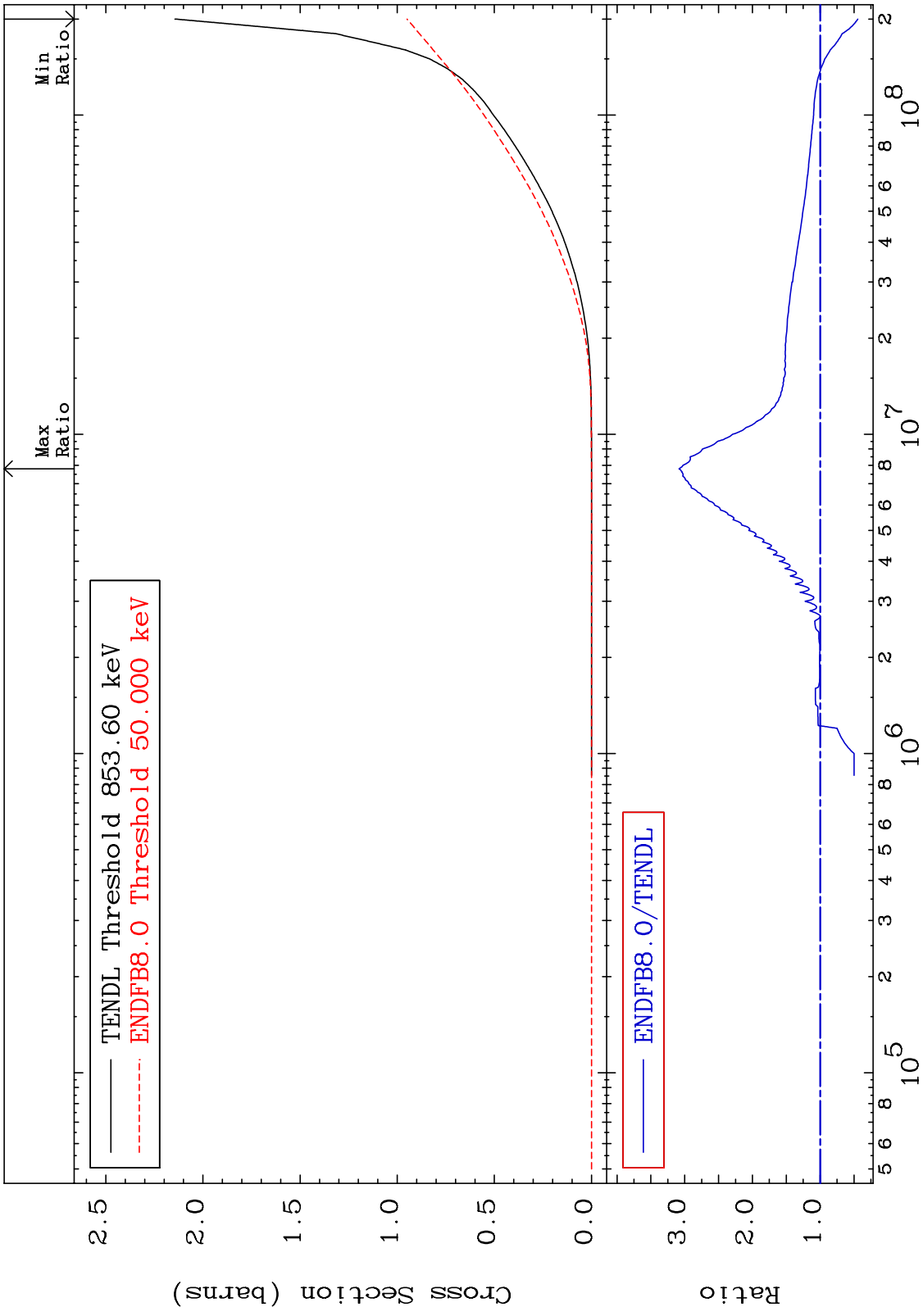
Incident Energy (eV)

82-Pb-204

MAT 8225 (n,2p) Cross Section 82-Pb-204 -100.0 To 305.1 %



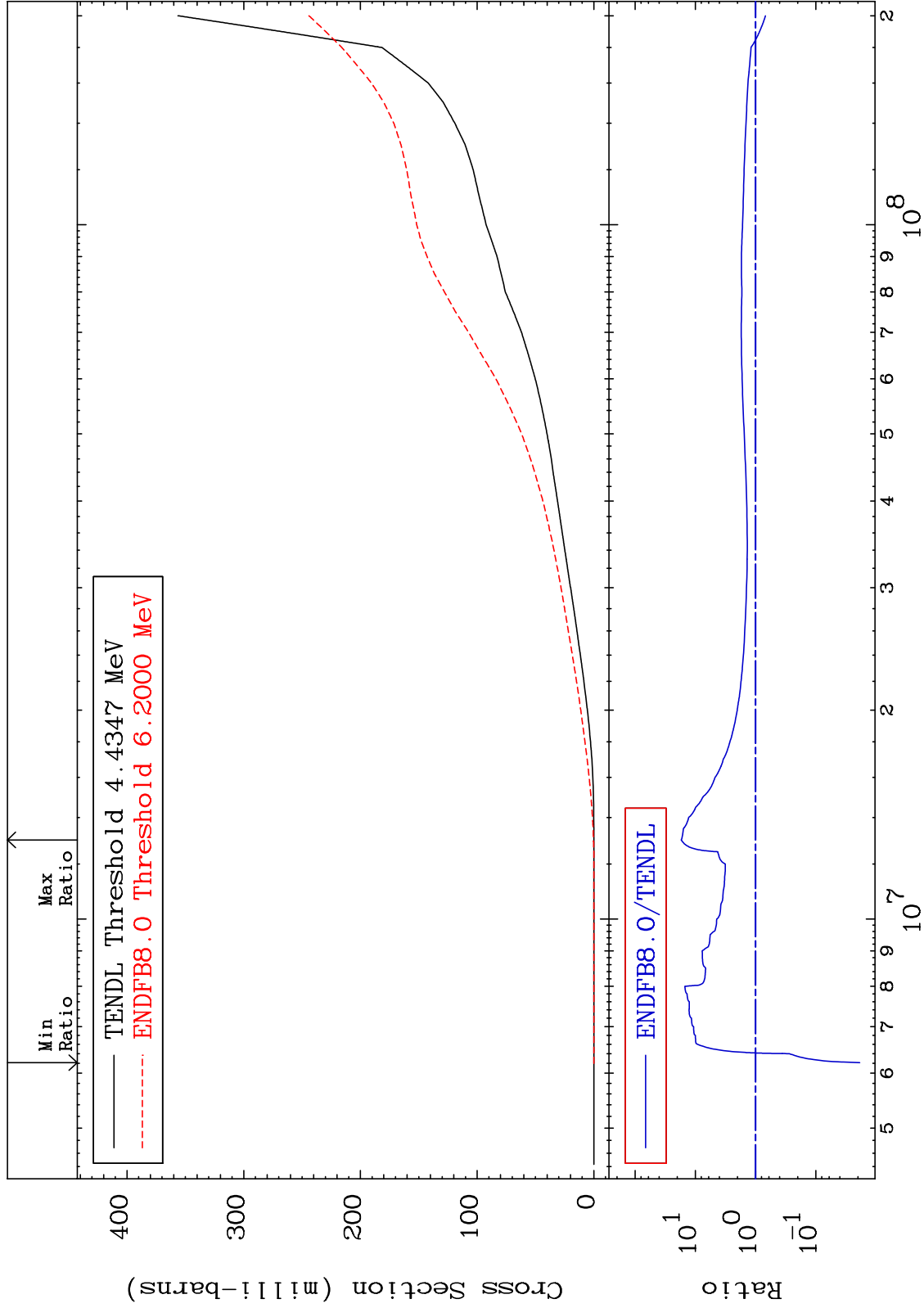
MAT 8225 Hydrogen Production Cross Section 82-Pb-204
 -55.70 To 208.4 %



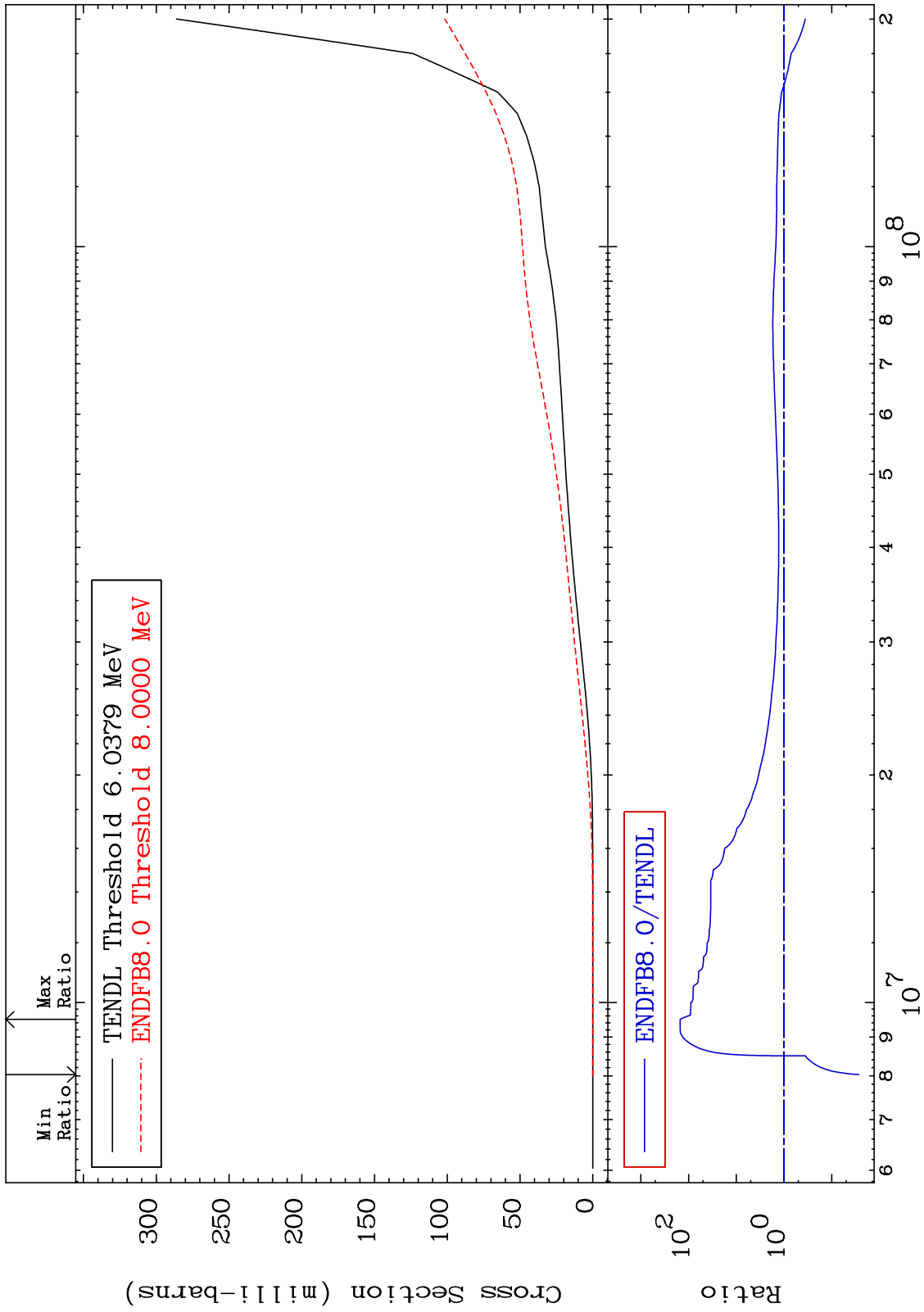
MAT 8225

Deuterium Production
Cross Section

82-Pb-204
-98.13 To 1614. %



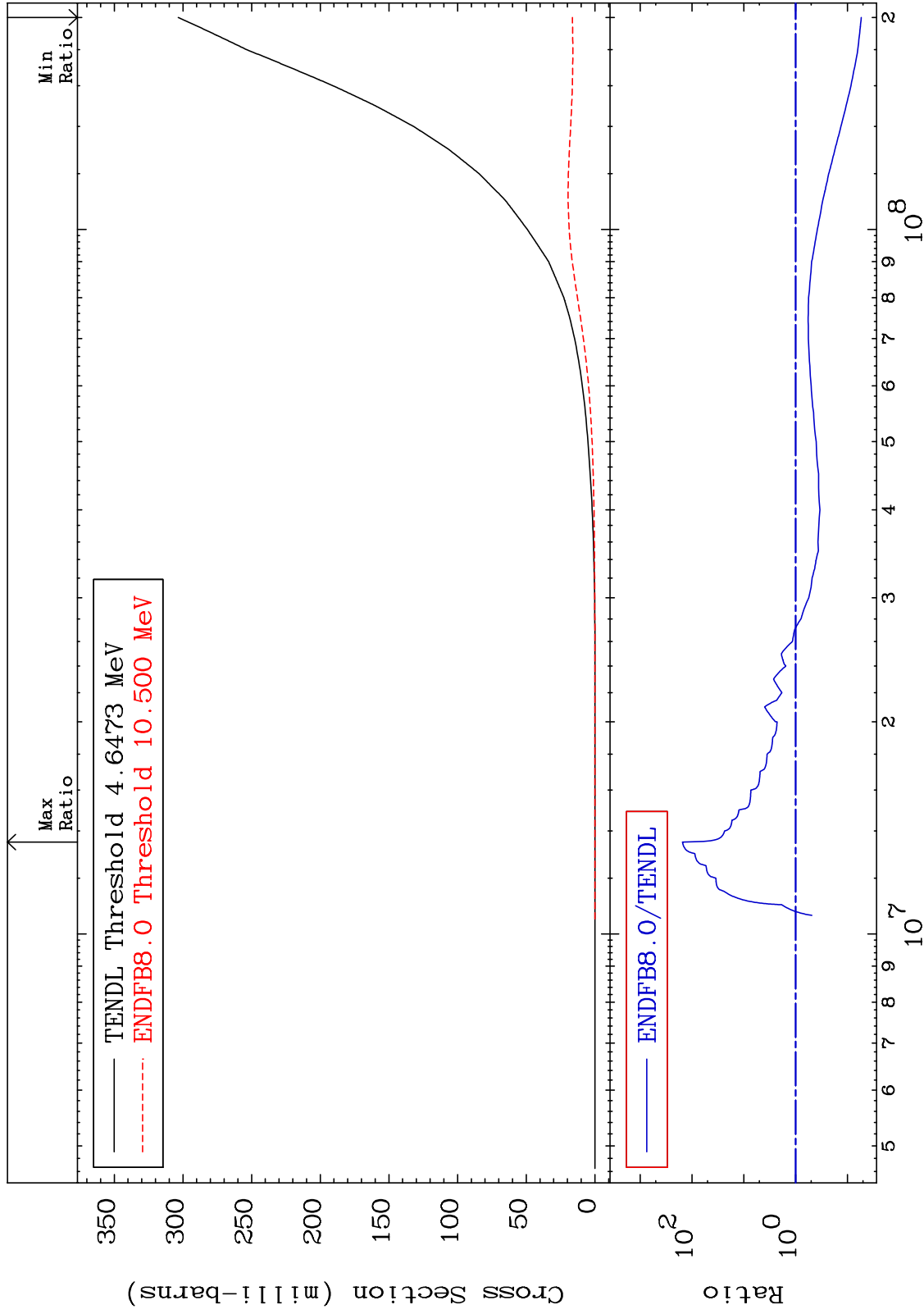
MAT 8225 Tritium Production Cross Section 82-Pb-204 -97.31 To 9999. %



MAT 8225

He-3 Production
Cross Section

82-Pb-204
-94.59 To 9999. %



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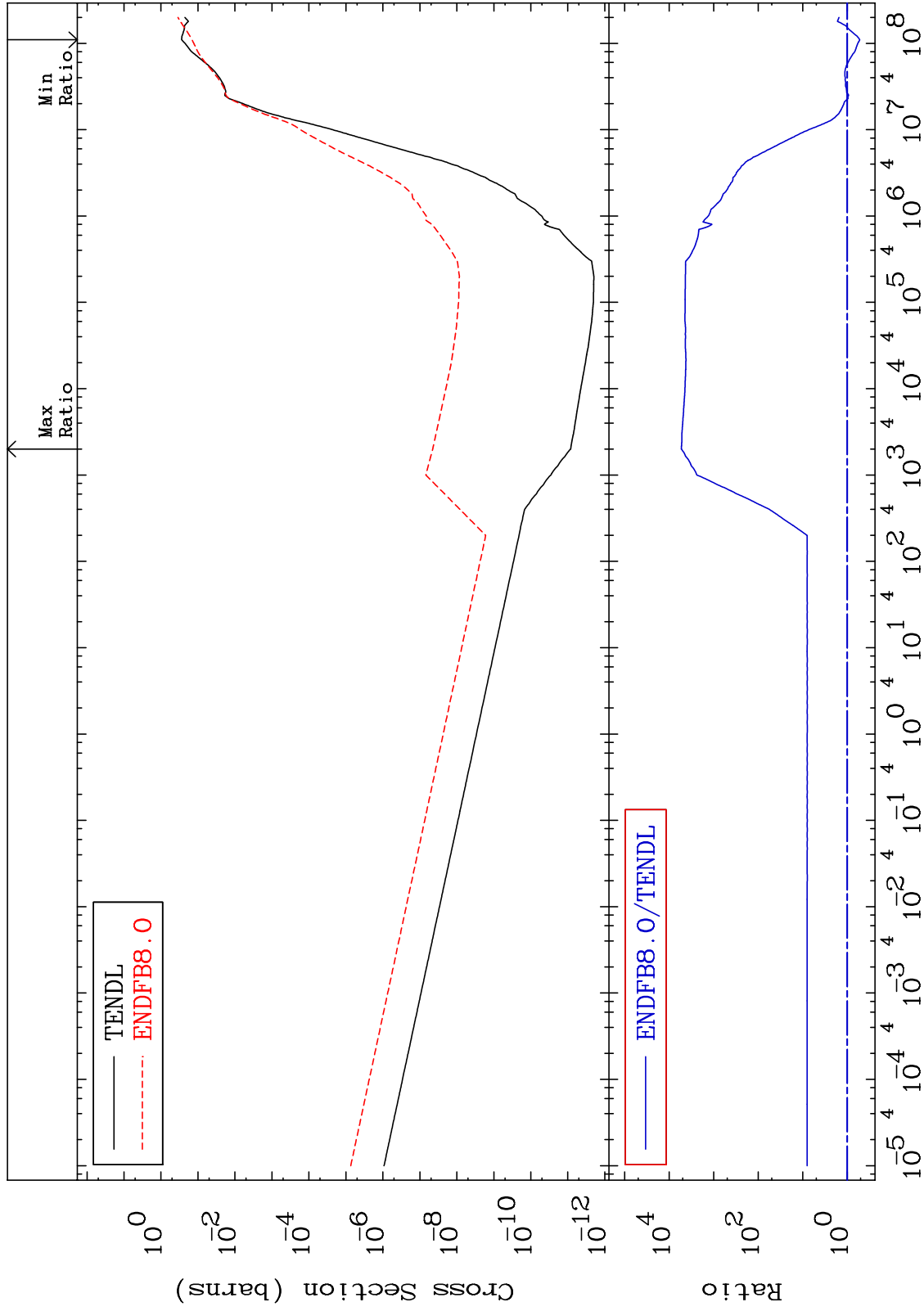
Incident Energy (eV)

82-Pb-204

MAT 8225

He-4 Production
Cross Section

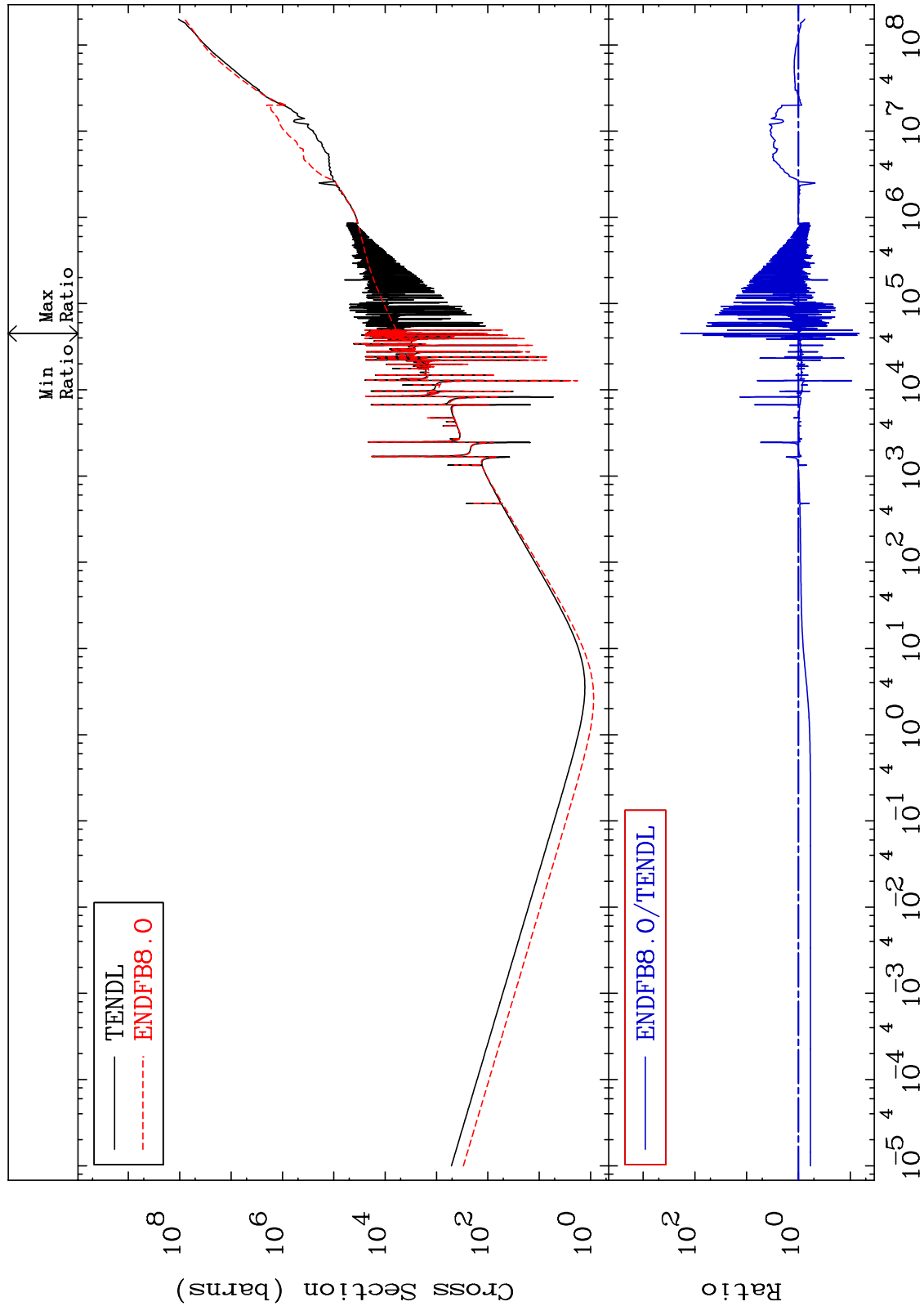
82-Pb-204
-47.55 To 9999. %



MAT 8225

Kerma total (eV-barns)
Cross Section

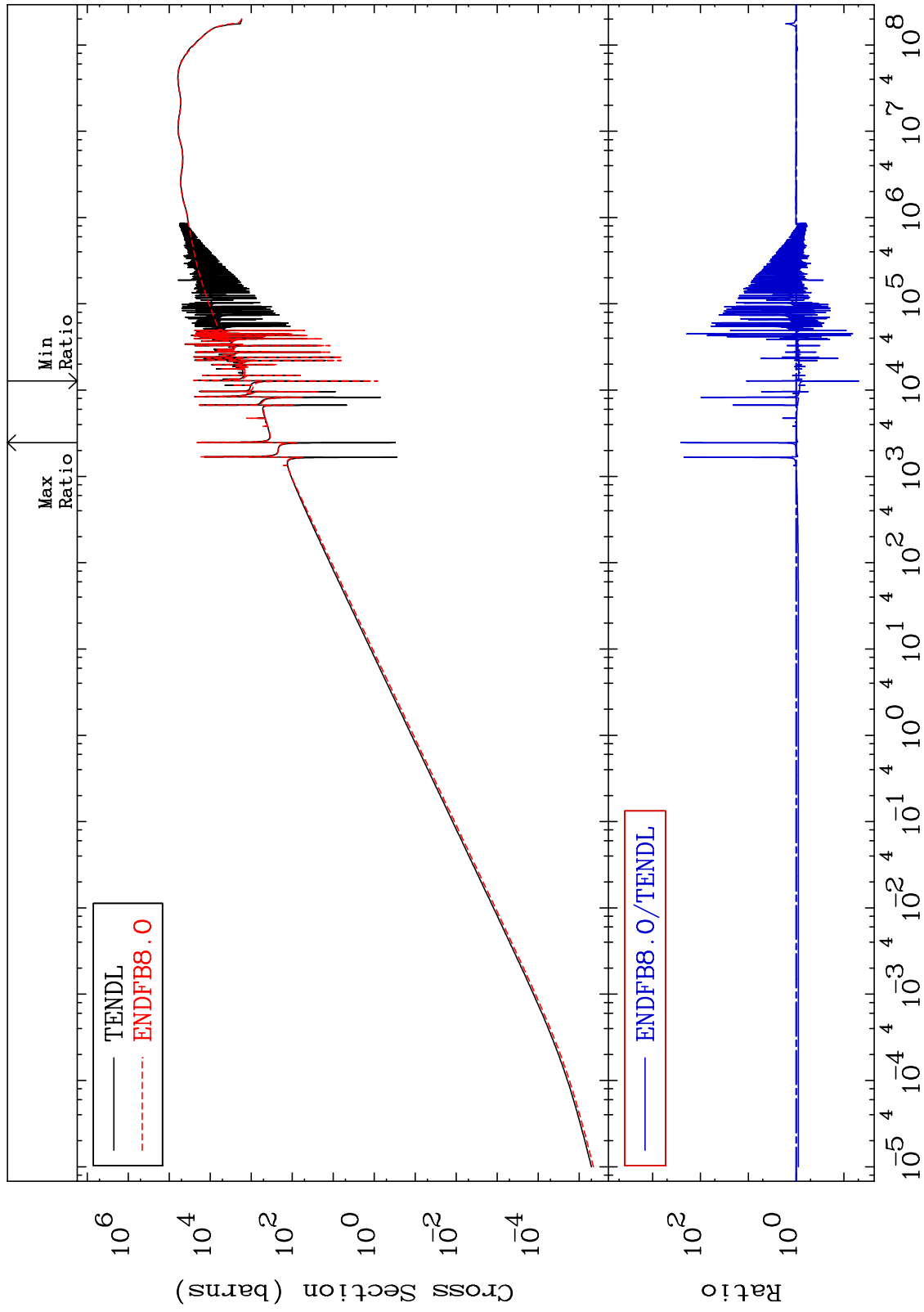
82-Pb-204
-93.25 To 9999. %



MAT 8225

Kerma elastic
Cross Section

82-Pb-204
-95.15 To 9999. %

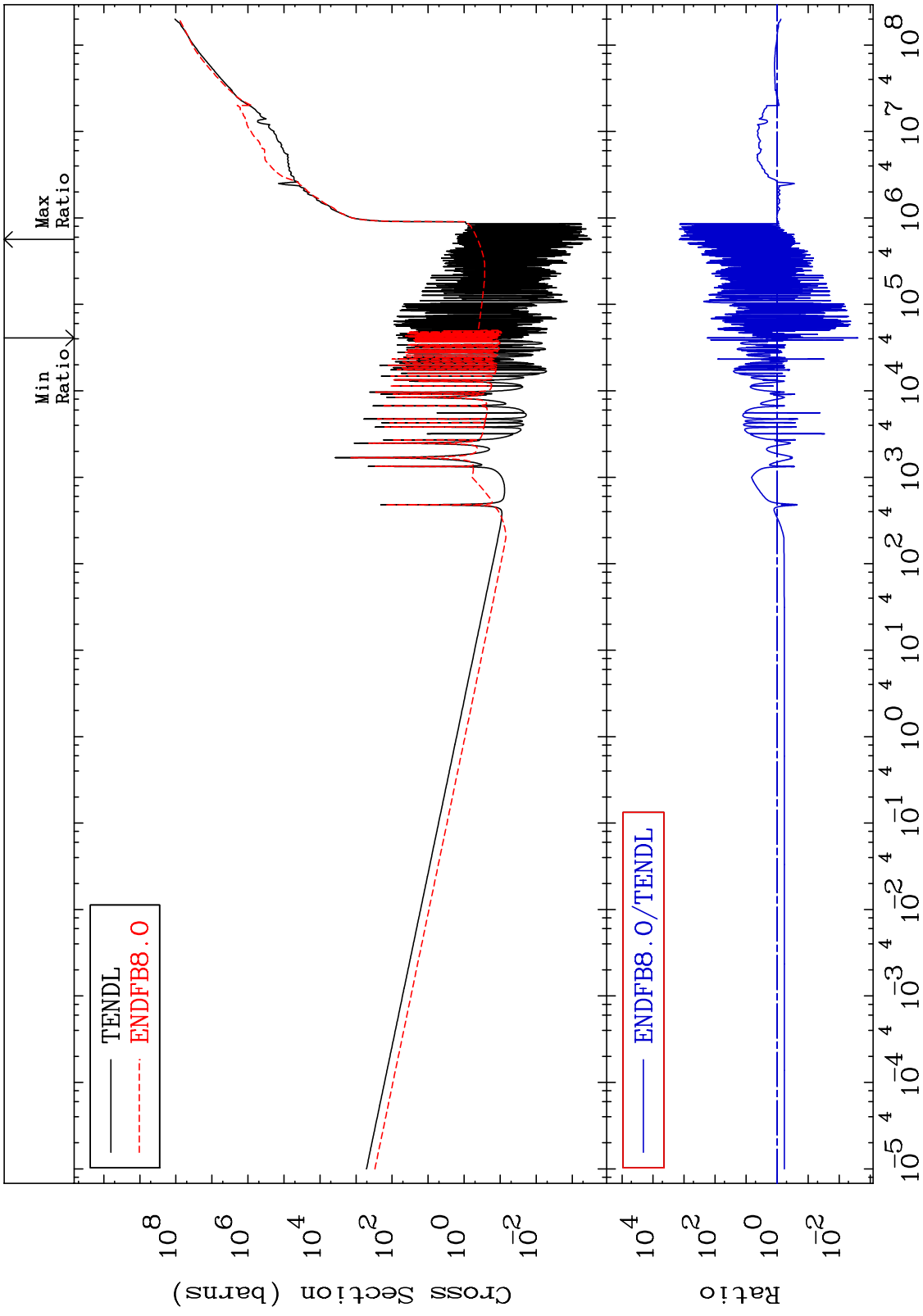


48

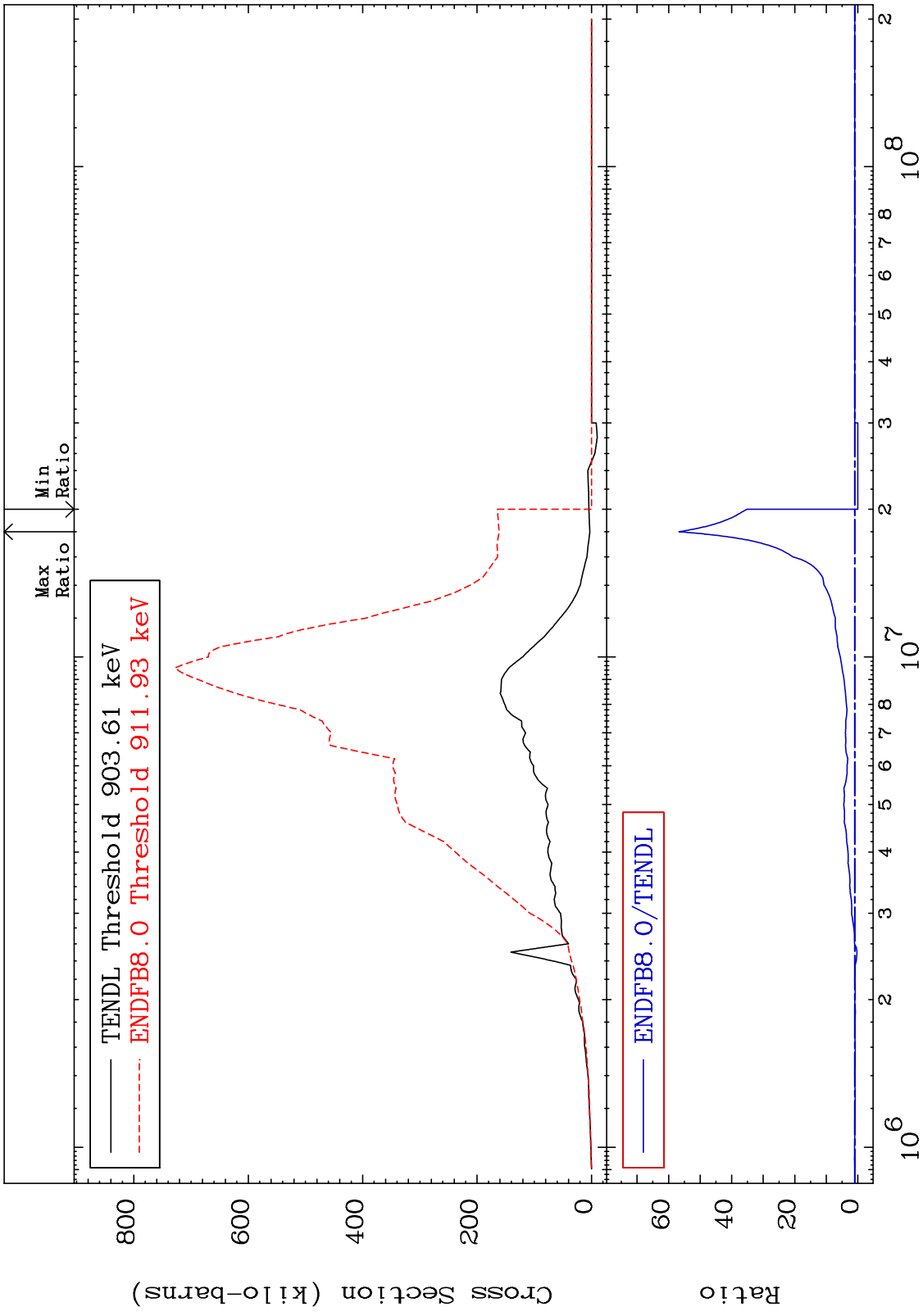
Incident Energy (eV)

82-Pb-204

MAT 8225 Kerma non-elastic (all but mt2)
 Cross Section 82-Pb-204
 -99.75 To 9999. %

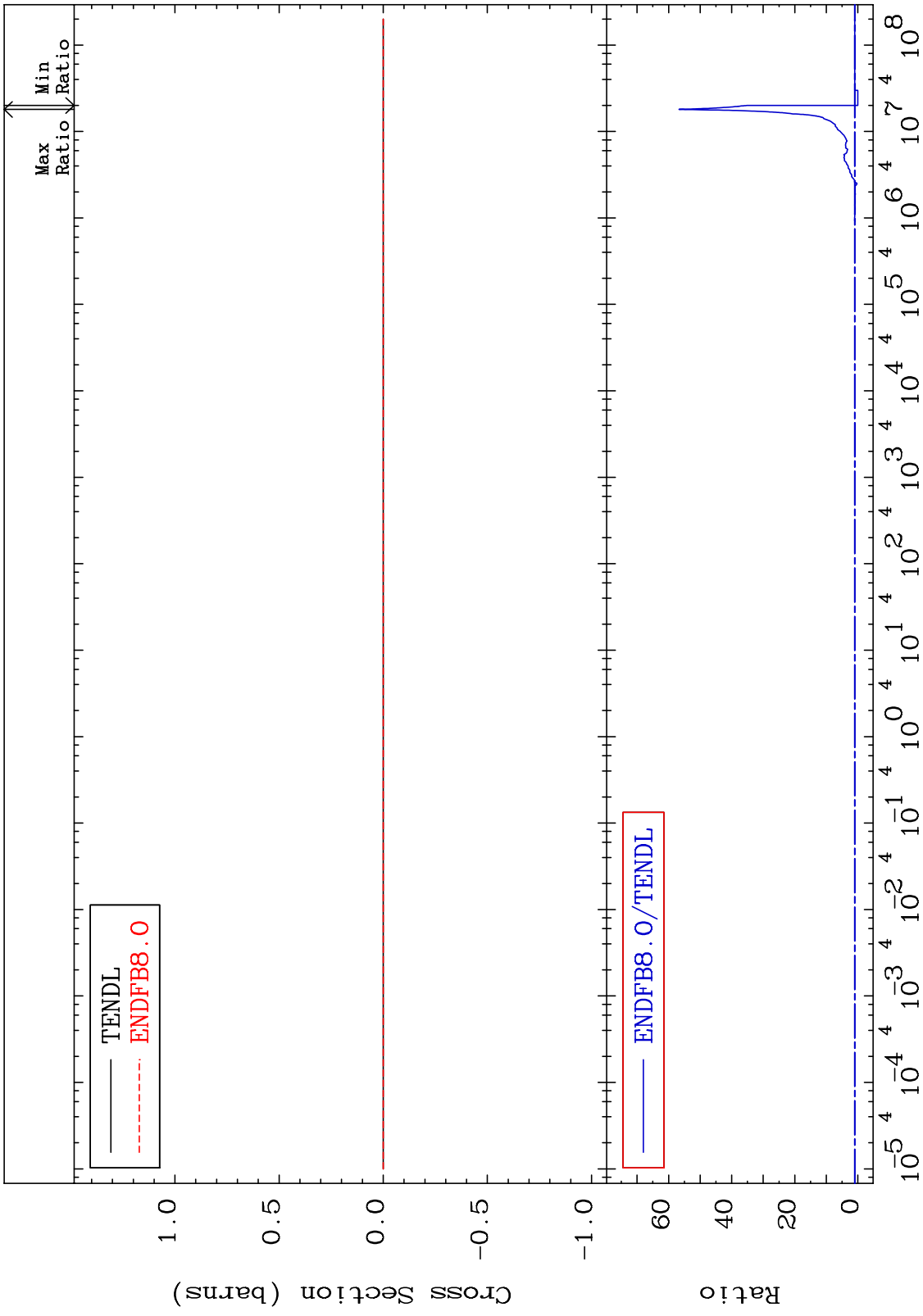


MAT 8225 Kerma inelastic (mt51-91) 82-Pb-204
-100.0 To 5569. %

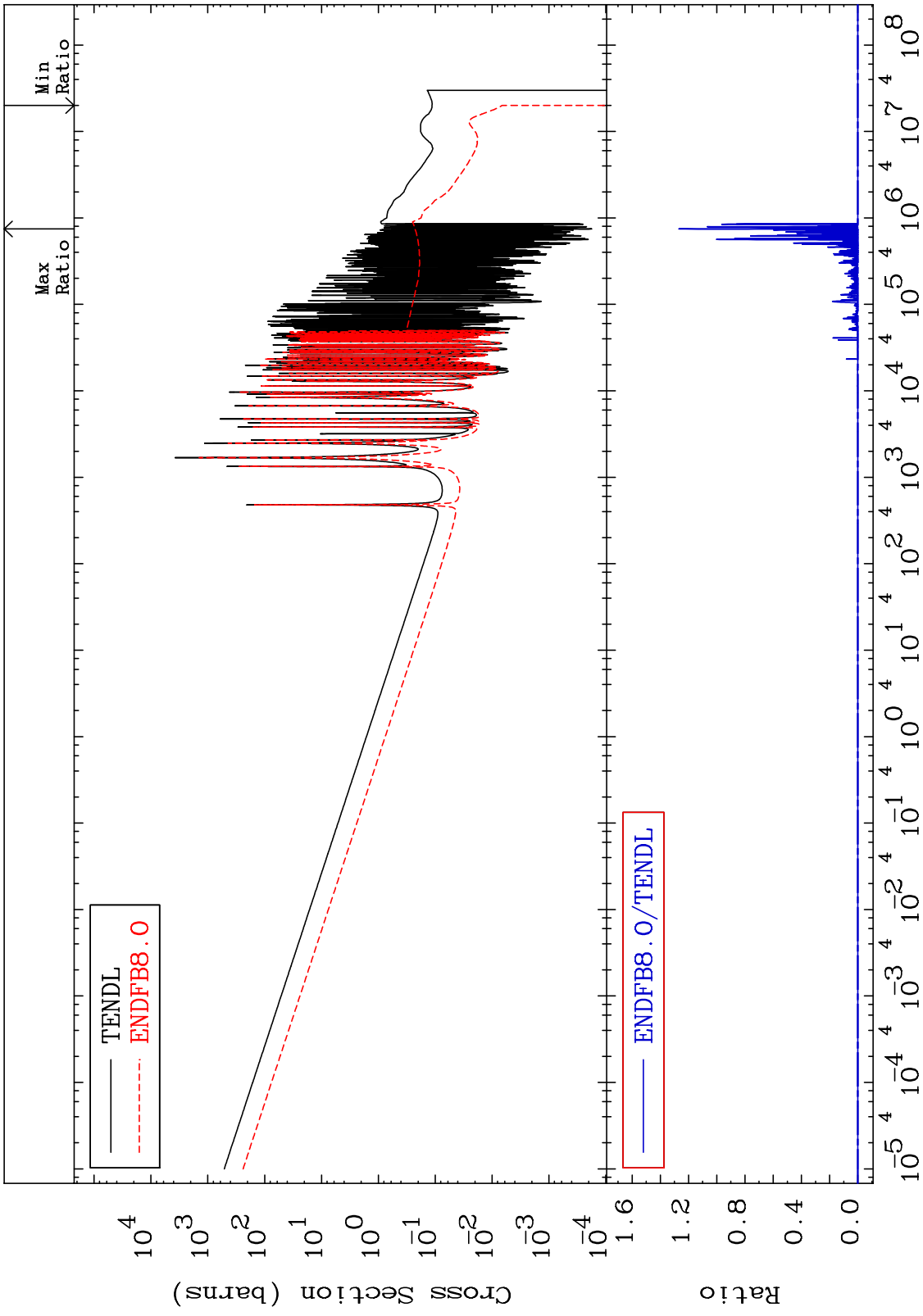


50 Incident Energy (eV) 82-Pb-204

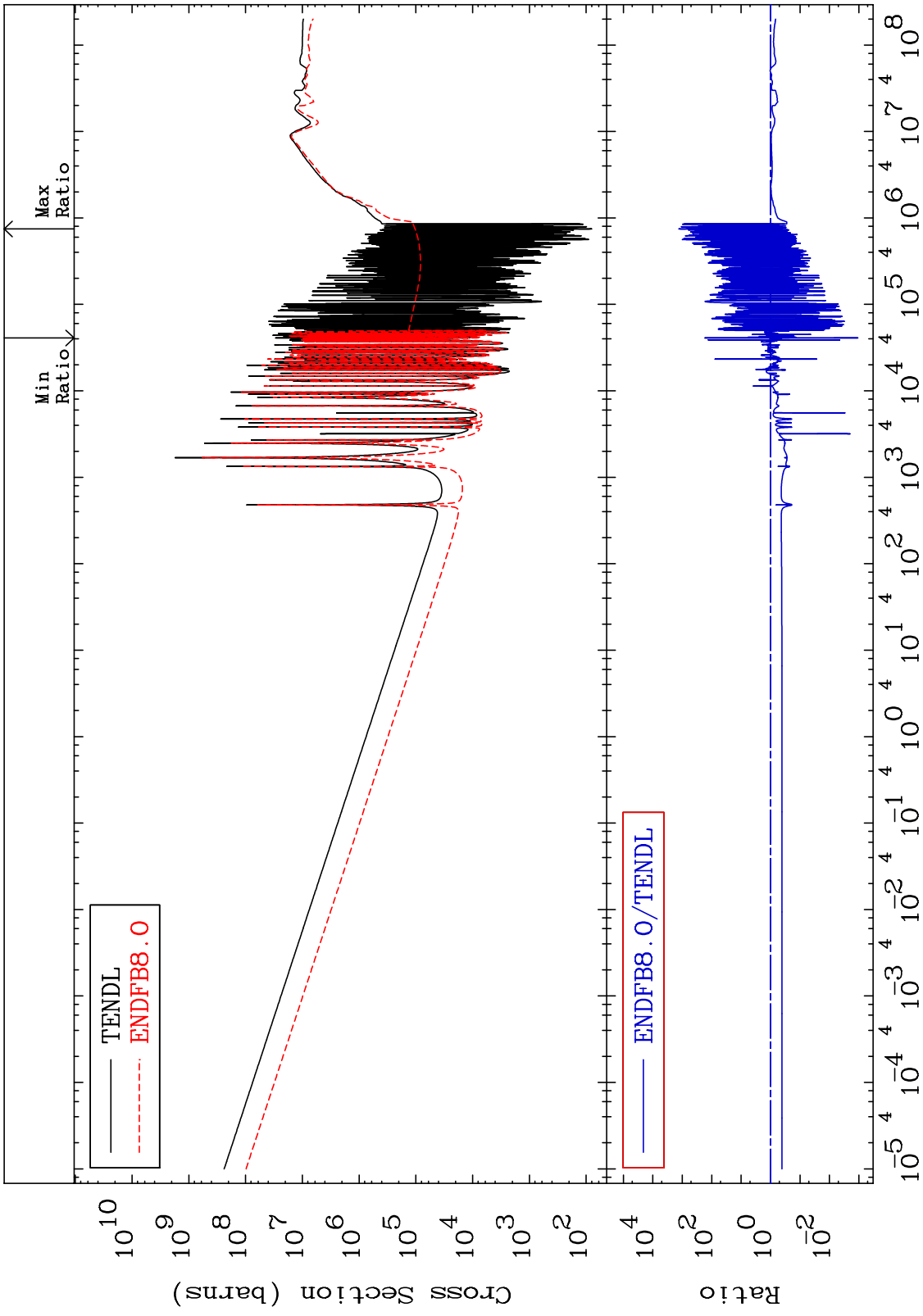
MAT 8225 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-204
 Cross Section -100.0 To 5569. %



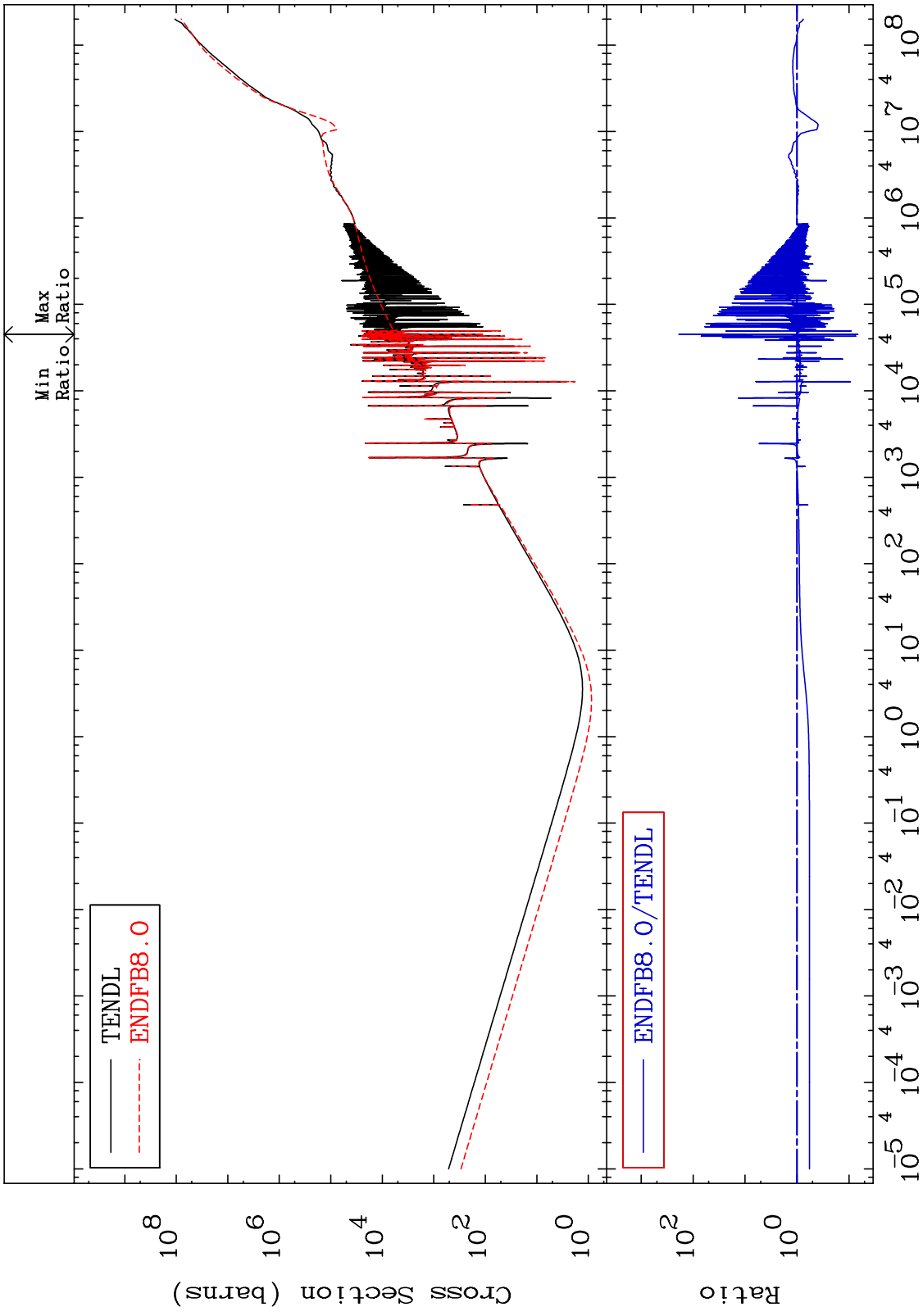
MAT 8225 Kerma capture (mt102) 82-Pb-204
 Cross Section -100.0 To 9999. %



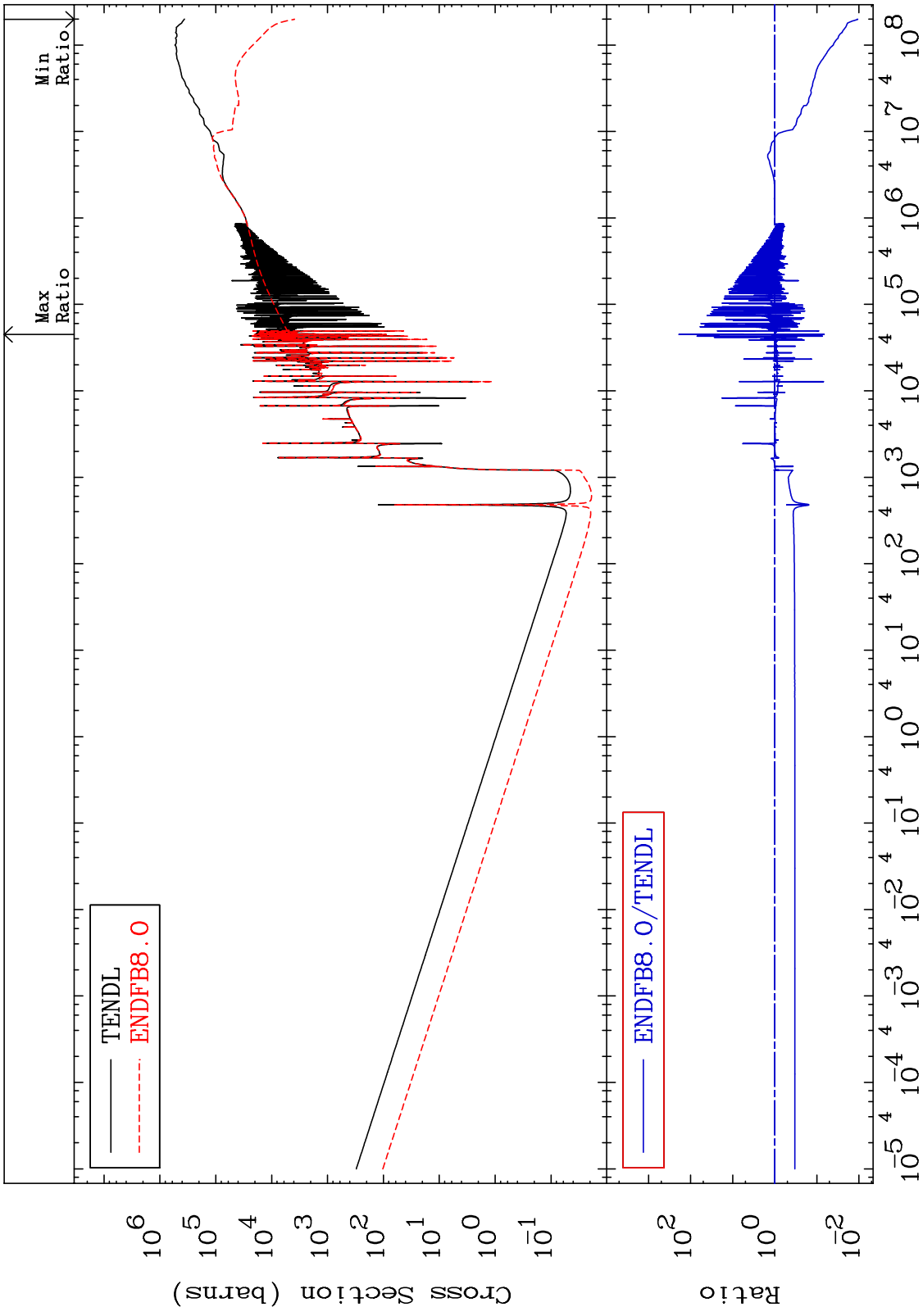
MAT 8225 82-Pb-204
 Total photon (eV-barns) -99.89 To 9999. %
 Cross Section



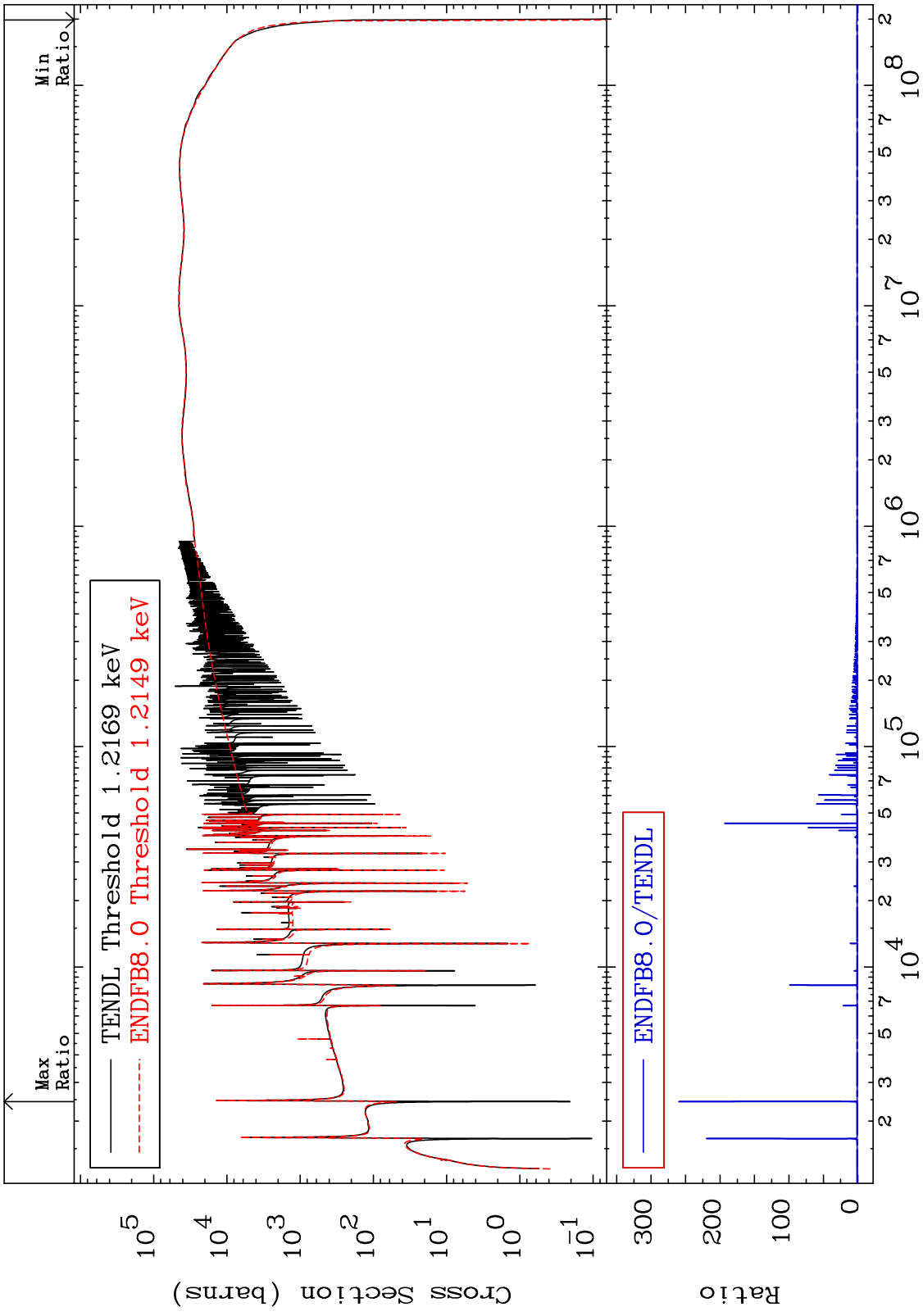
MAT 8225 Total kinematic kerma (high limit) 82-Pb-204
 Cross Section -93.25 To 9999. %



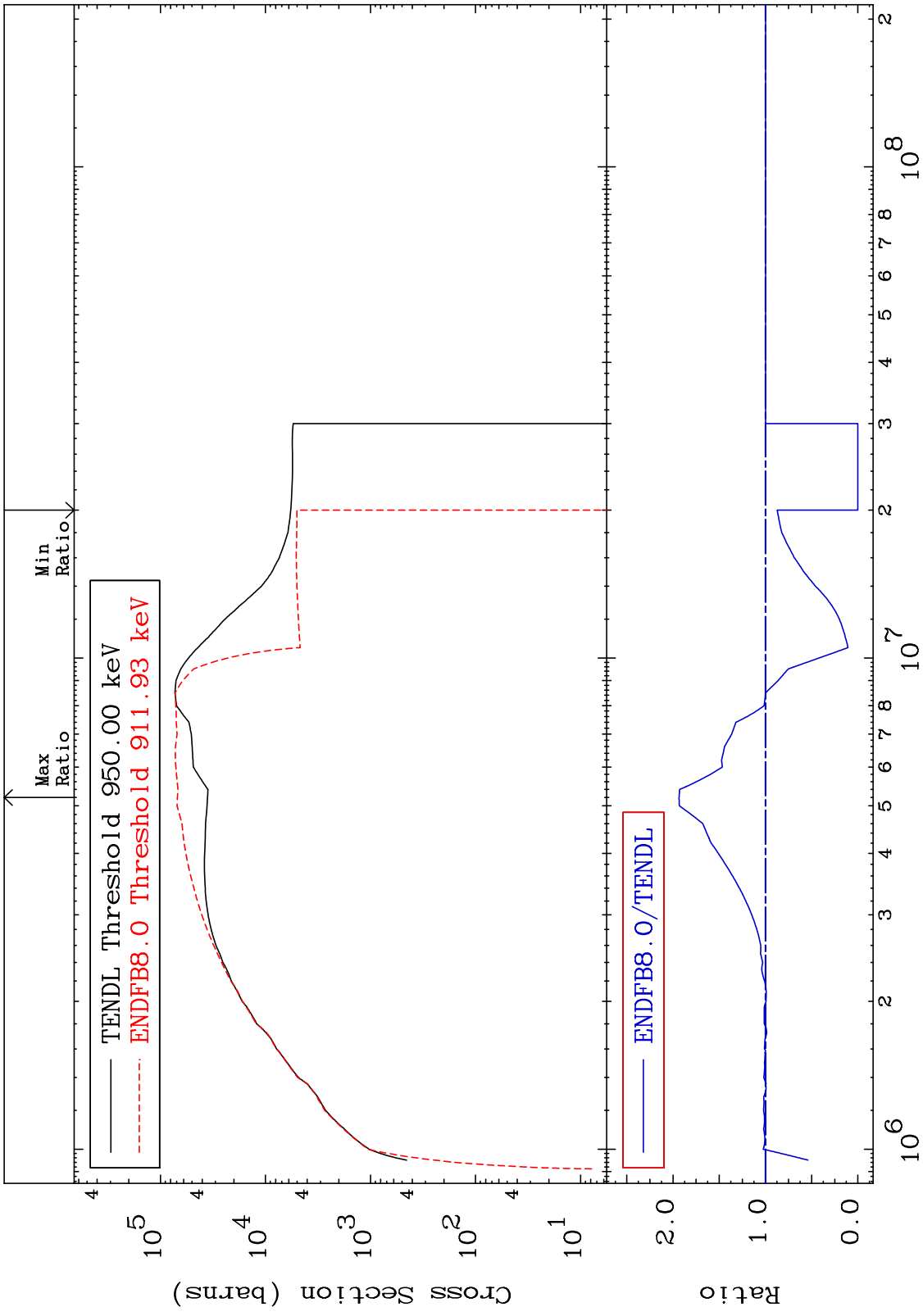
MAT 8225 Dpa total (eV-barns) 82-Pb-204
 Cross Section -98.94 To 9999. %



MAT 8225 Dpa elastic (mt2) 82-Pb-204
 Cross Section -100.0 To 9999. %

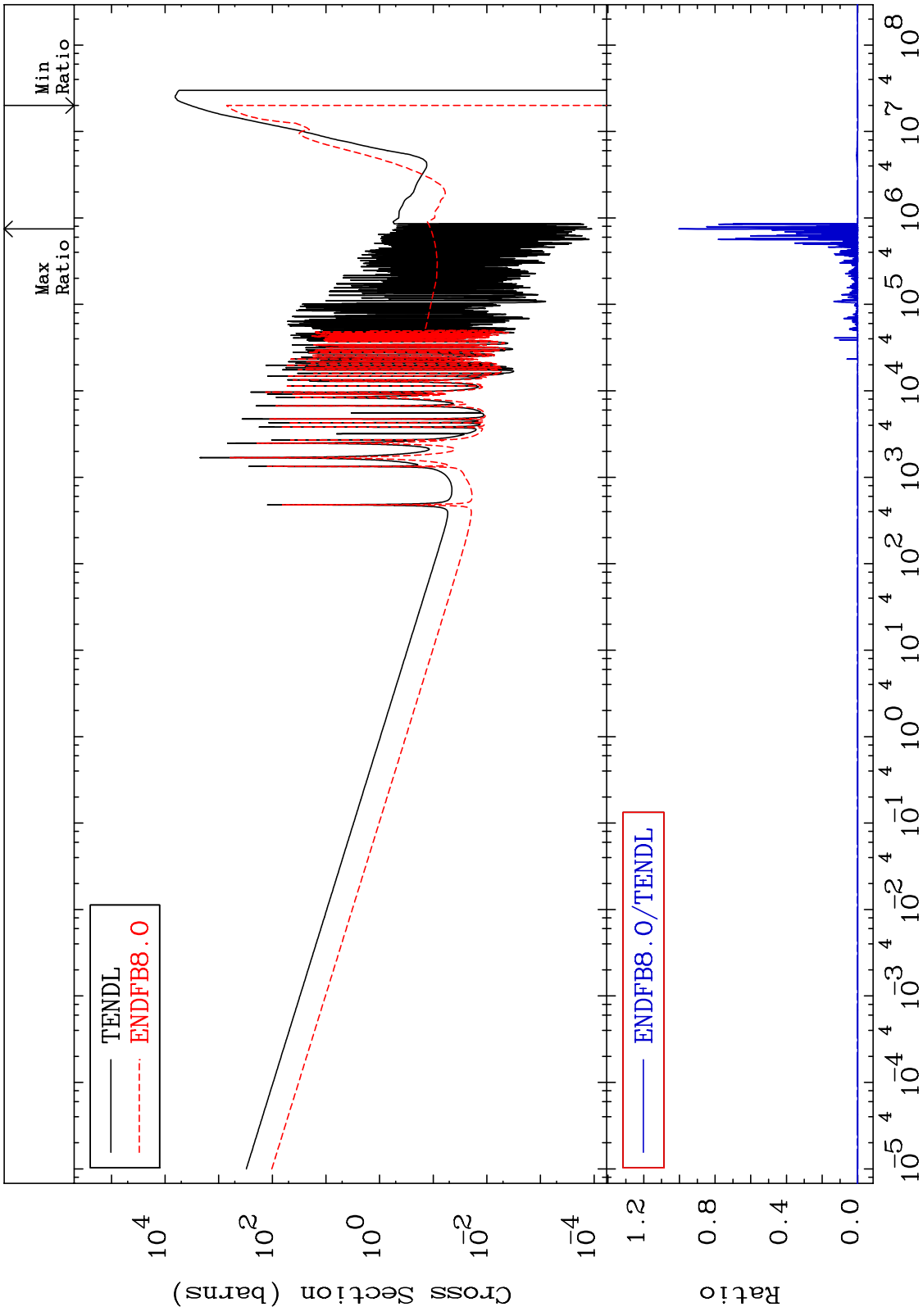


MAT 8225 Dpa inelastic (mt51-91) 82-Pb-204
 Cross Section -100.0 To 93.50 %



57 Incident Energy (eV) 82-Pb-204

MAT 8225 Dpa disappearance (mt102 -120) 82-Pb-204
 Cross Section -100.0 To 9999. %

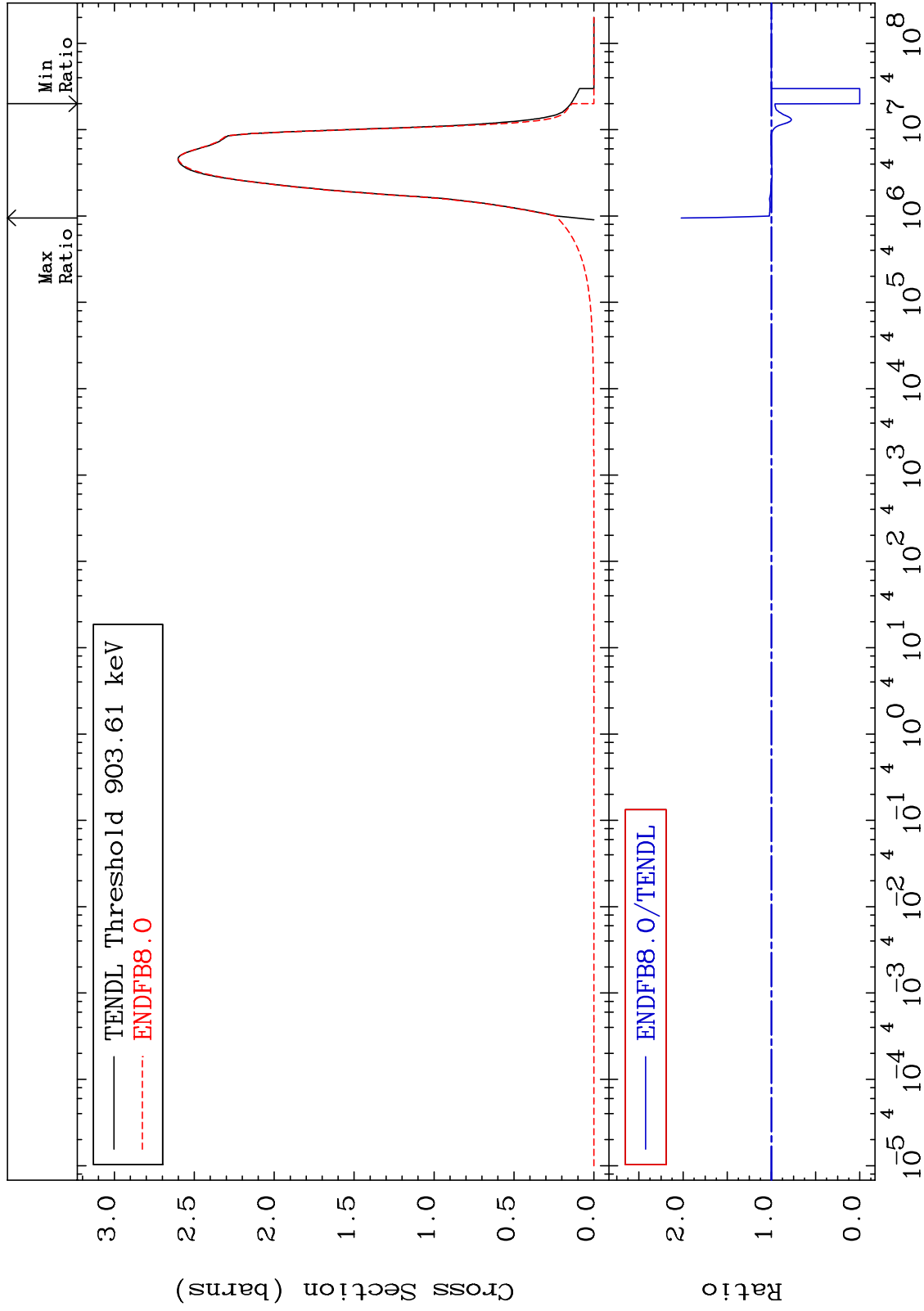


MAT 8225

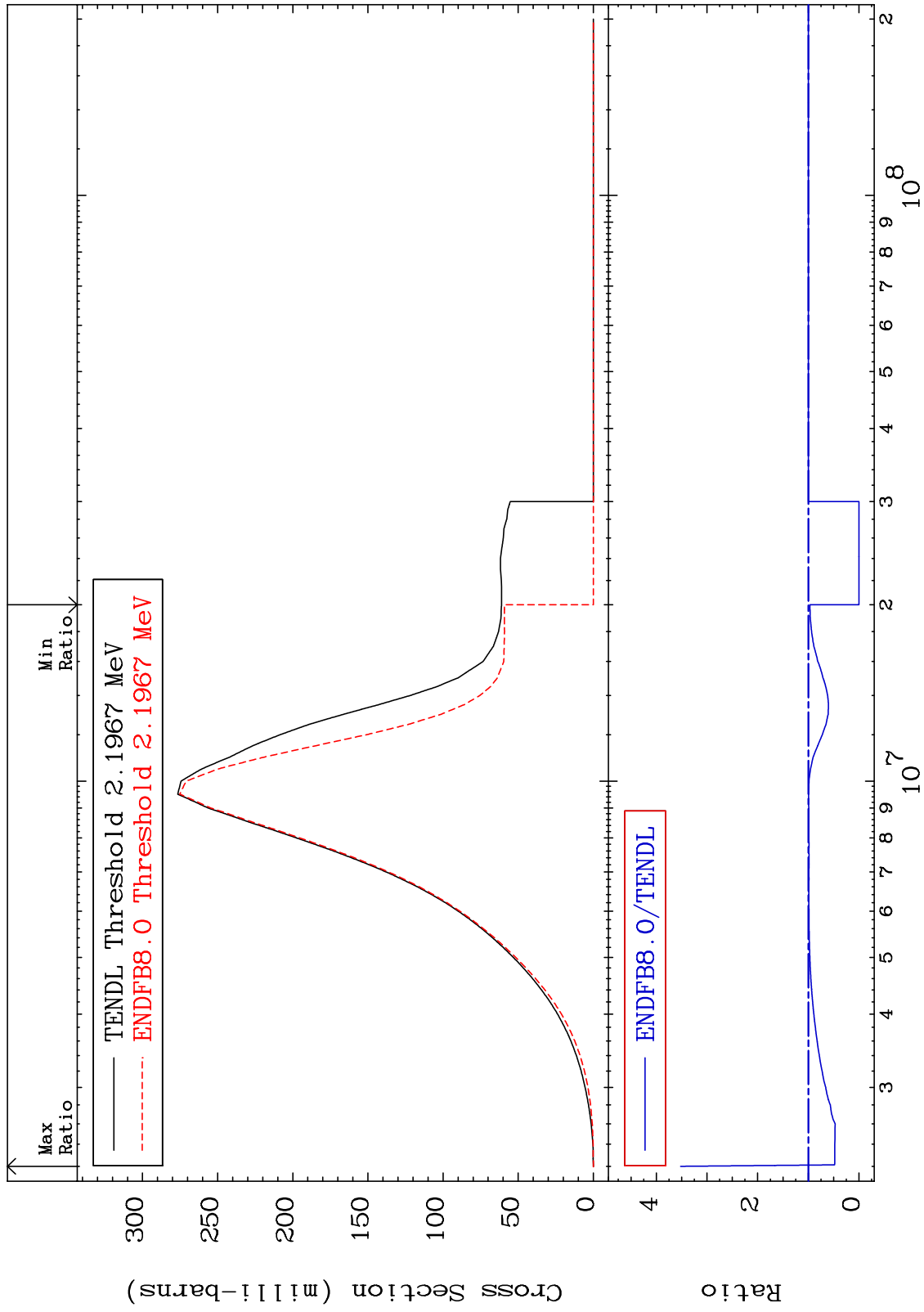
Inelastic:82-Pb-204g

82-Pb-204

Radionuclide Production Cross Section -100.0 To 102.1 %

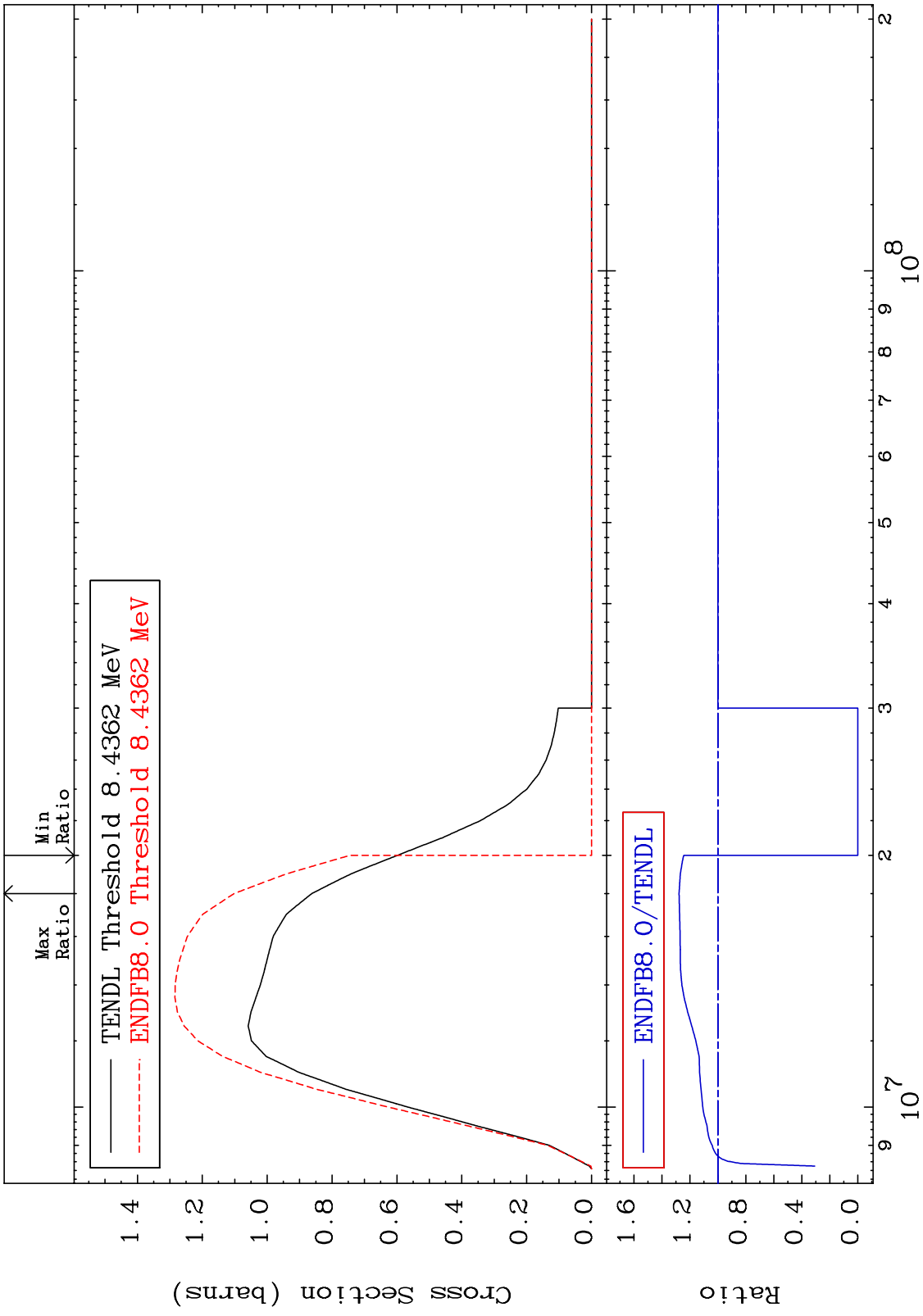


MAT 8225 Inelastic:82-Pb-204m21 82-Pb-204
Radionuclide Production Cross Section -100.0 To 252.0 %

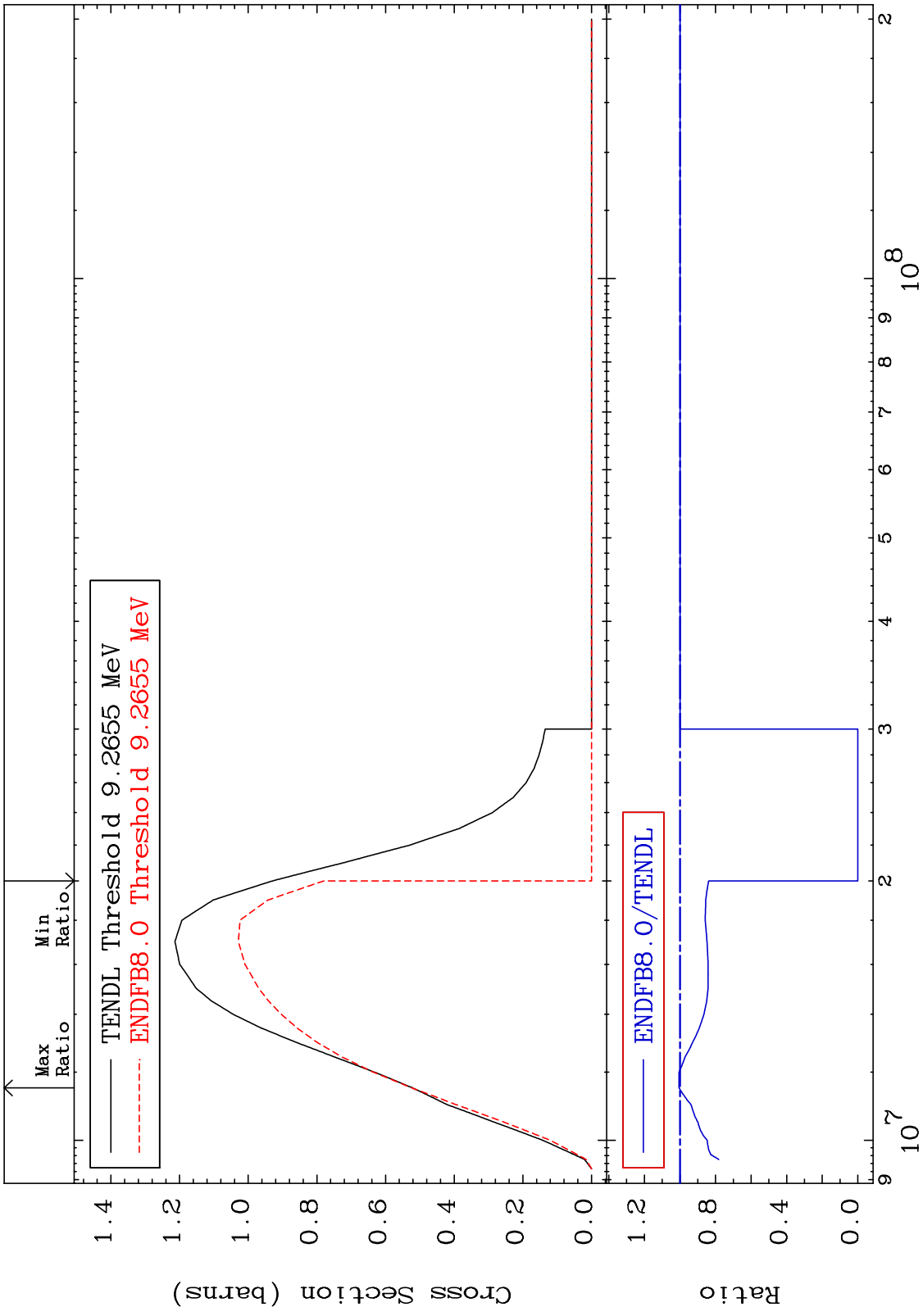


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MAT 8225 (n,2n):82-Pb-203g 82-Pb-204
 Radionuclide Production Cross Section -100.0 To 27.75 %

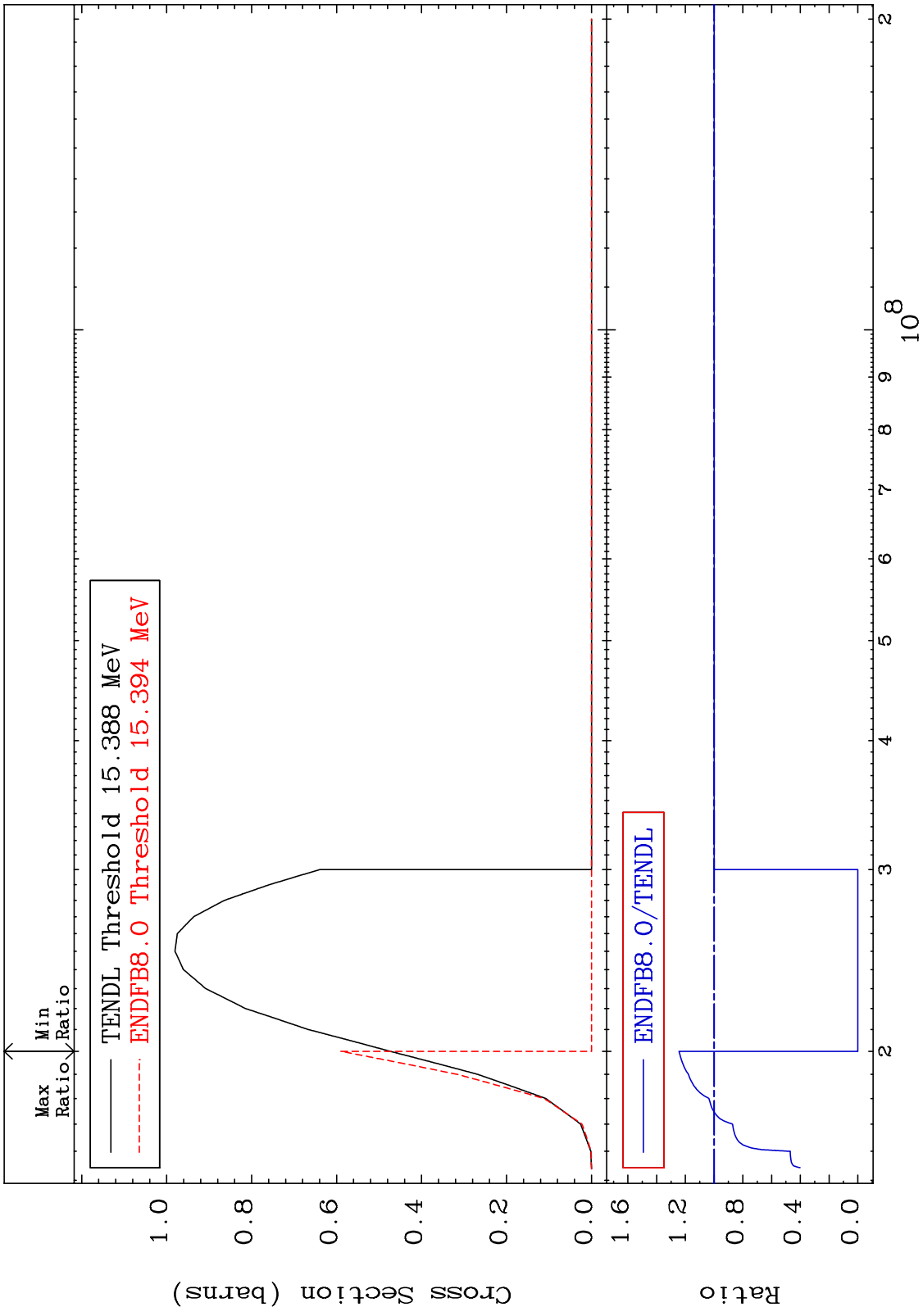


MAT 8225 (n,2n): 82-Pb-203m6 82-Pb-204
 Radionuclide Production Cross Section -100.0 To 0.515 %

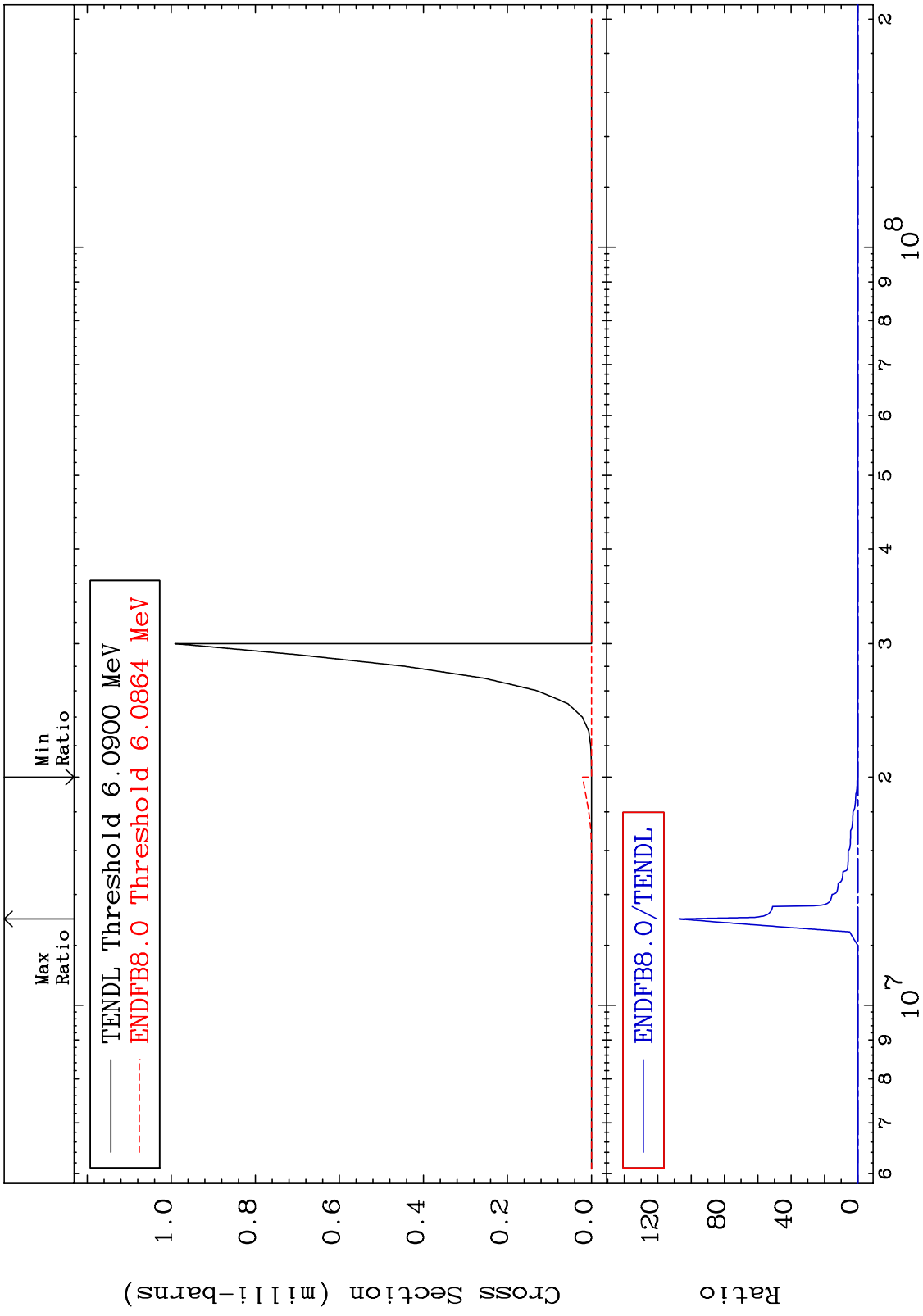


62 Incident Energy (eV) 82-Pb-204

MAT 8225 (n,3n):82-Pb-202g 82-Pb-204
 Radionuclide Production Cross Section -100.0 To 24.40 %



MAT 8225 (n,2n) α :80-Hg-199g 82-Pb-204
 Radionuclide Production Cross Section -100.0 To 9999. %



64 82-Pb-204

MAT 8225 (n,2n) α : 80-Hg-199m7 82-Pb-204
 Radionuclide Production Cross Section -100.0 To 9999. %

