

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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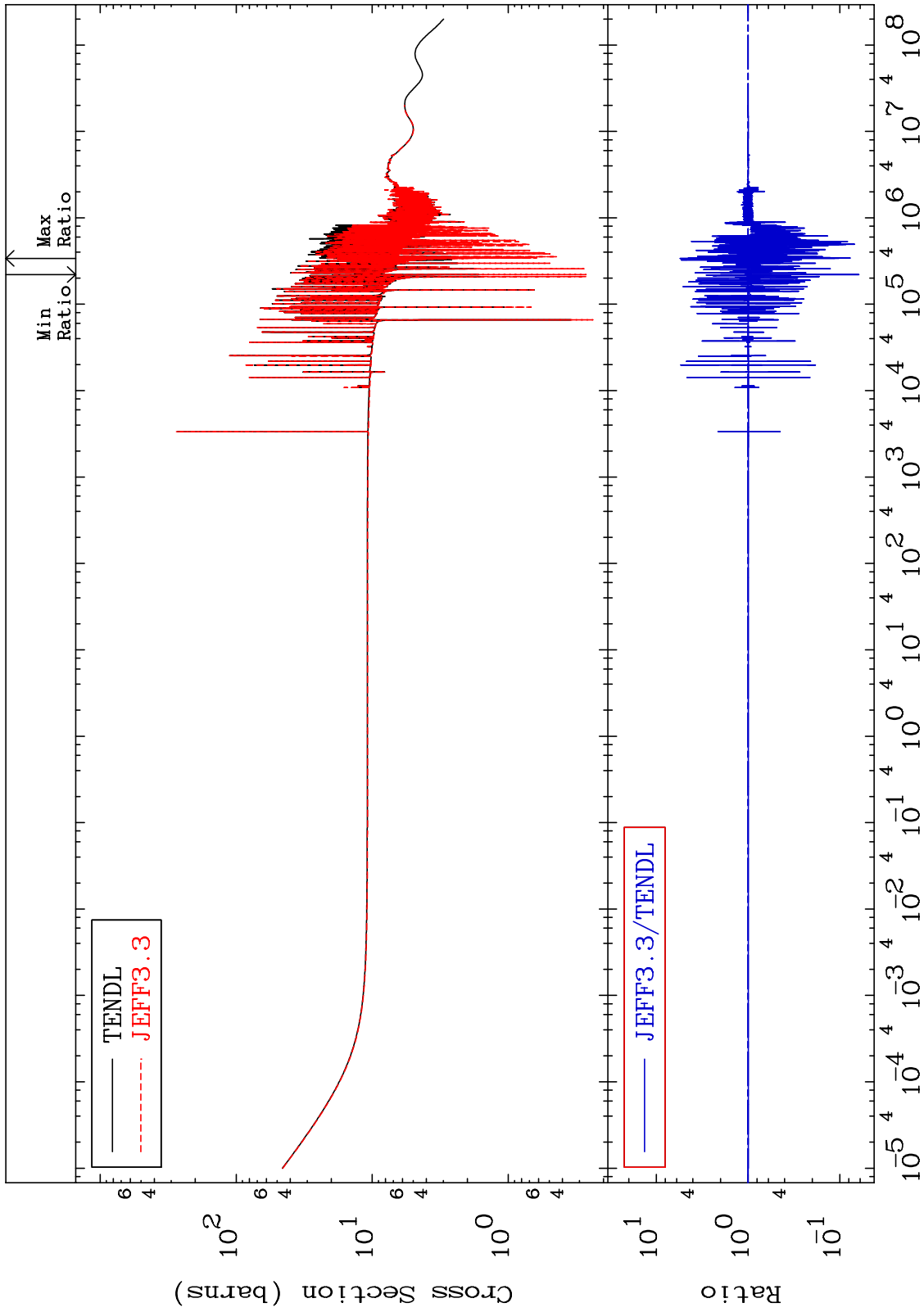
U.S.A.

Tele: 925-443-1911

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

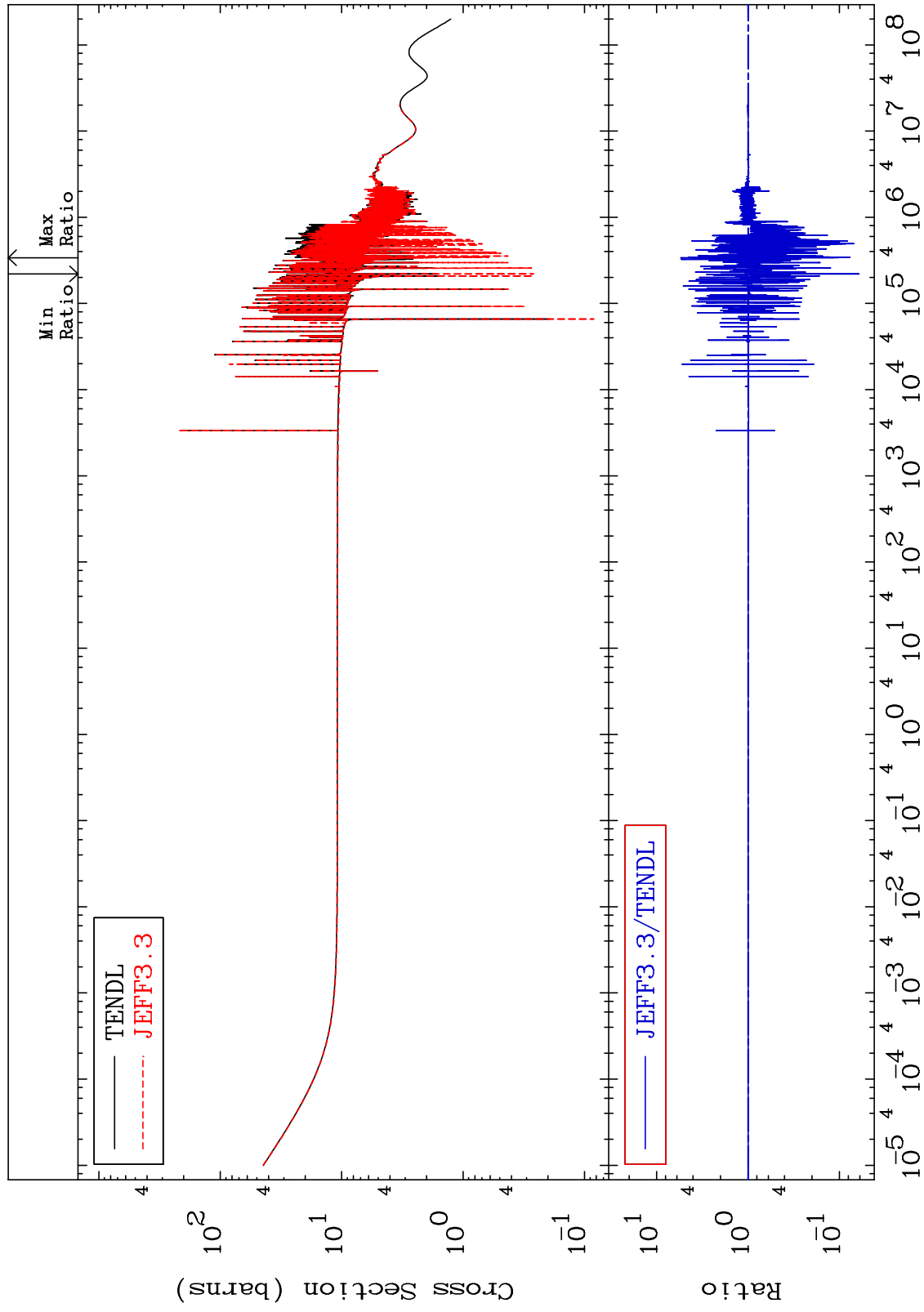
Press Mouse Button to Start

MAT 8231 Total Cross Section 82-Pb-206 -93.81 To 449.9 %



1 Incident Energy (eV) 82-Pb-206

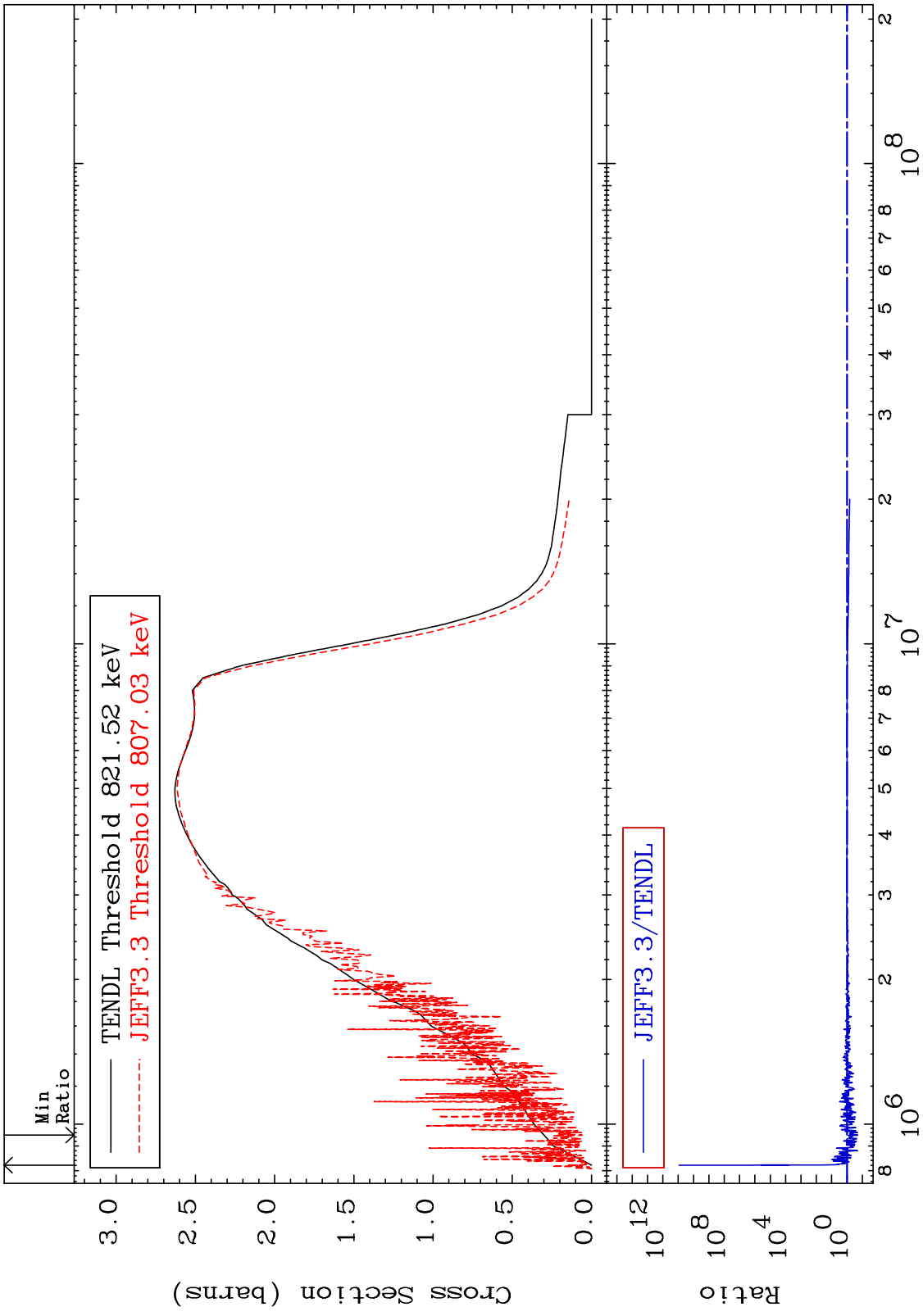
MAT 8231 Elastic Cross Section 82-Pb-206 -93.89 To 443.3 %



82-Pb-206

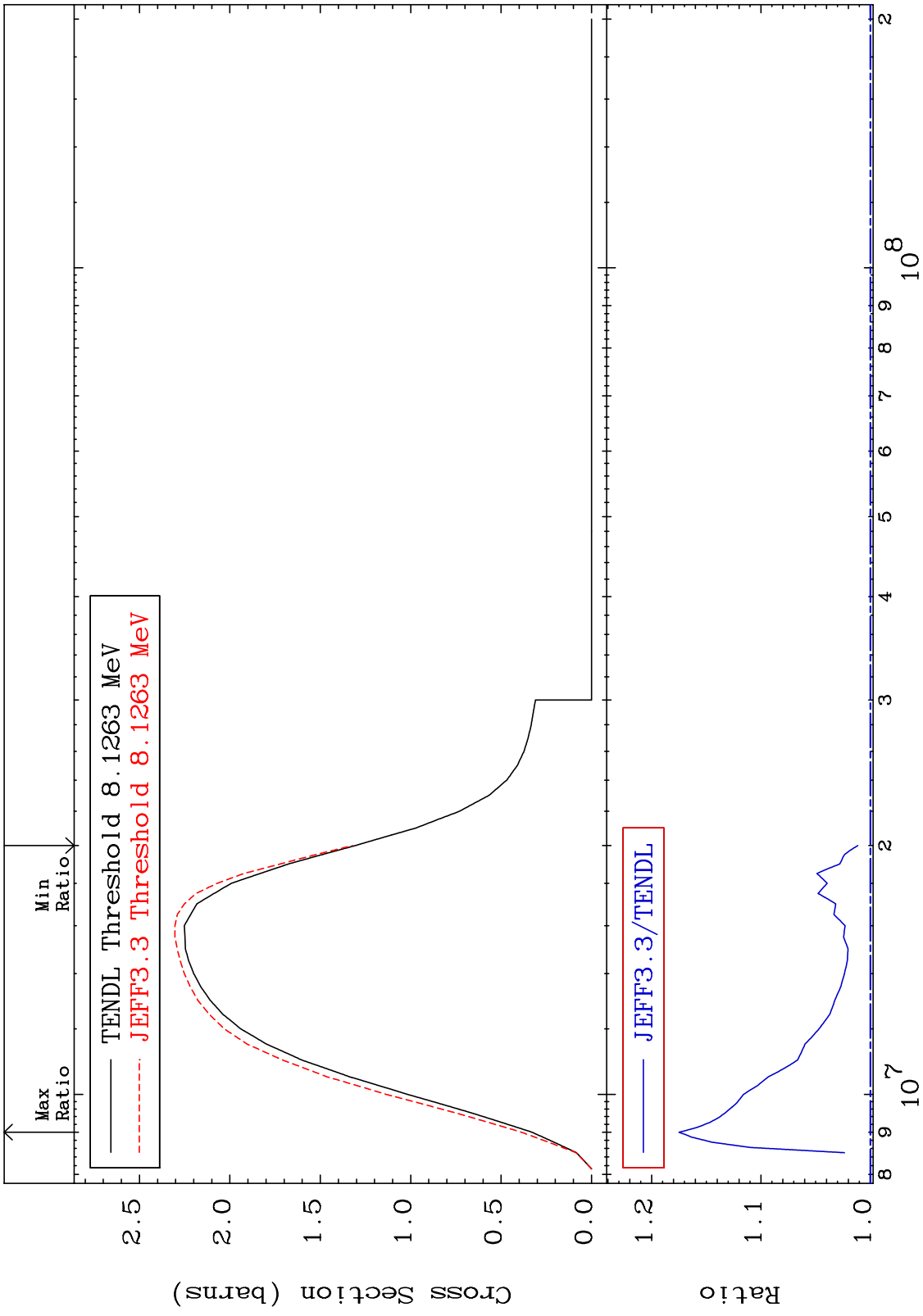
Incident Energy (eV)

MAT 8231 Inelastic Cross Section 82-Pb-206 -80.39 To 9999. %



3 Incident Energy (eV) 82-Pb-206

MAT 8231 (n,2n) Cross Section 82-Pb-206 To 17.49 %



4 Incident Energy (eV) 82-Pb-206

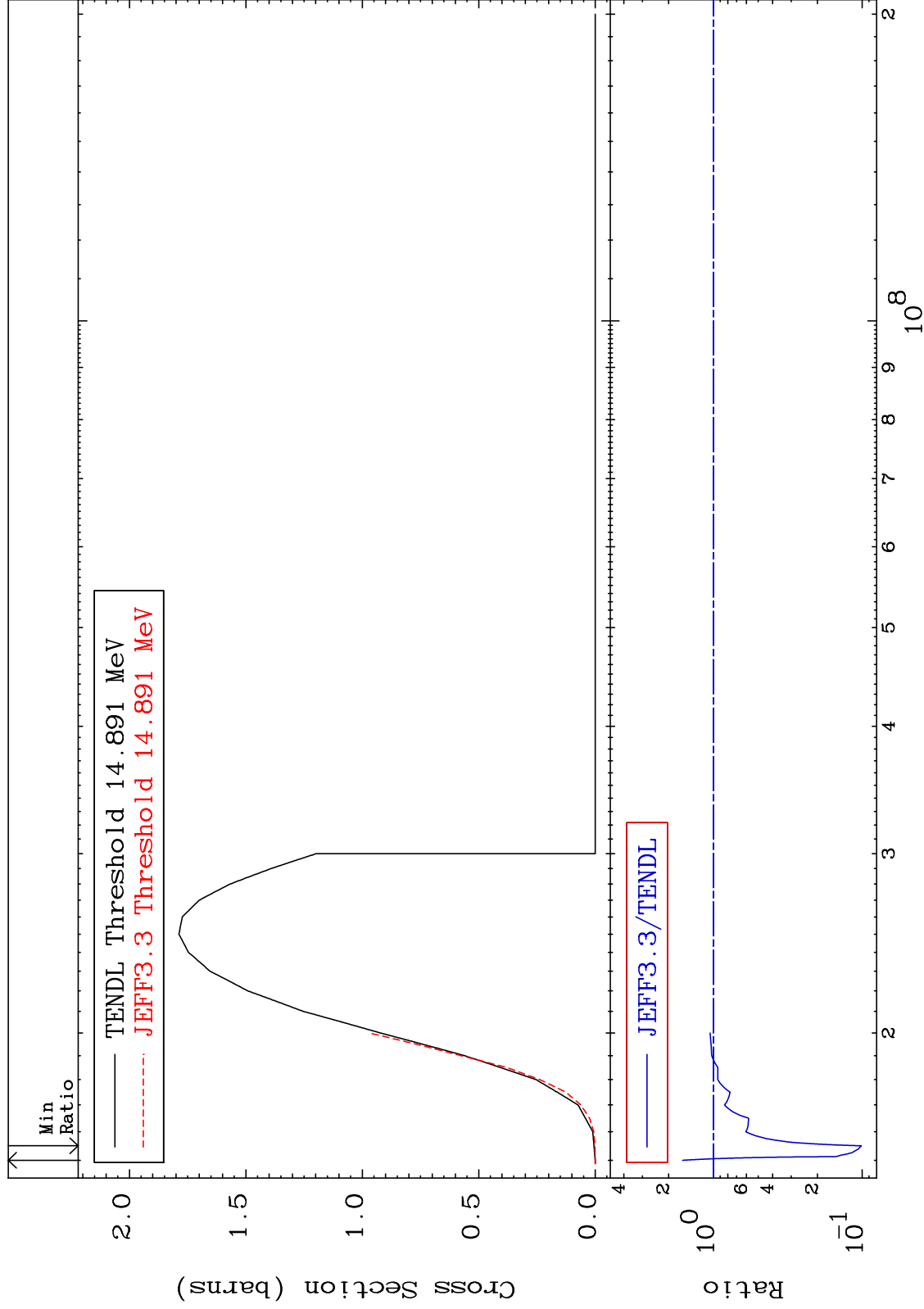
MAT 8231

(n,3n)

82-Pb-206

Cross Section

-89.87 To 60.95 %

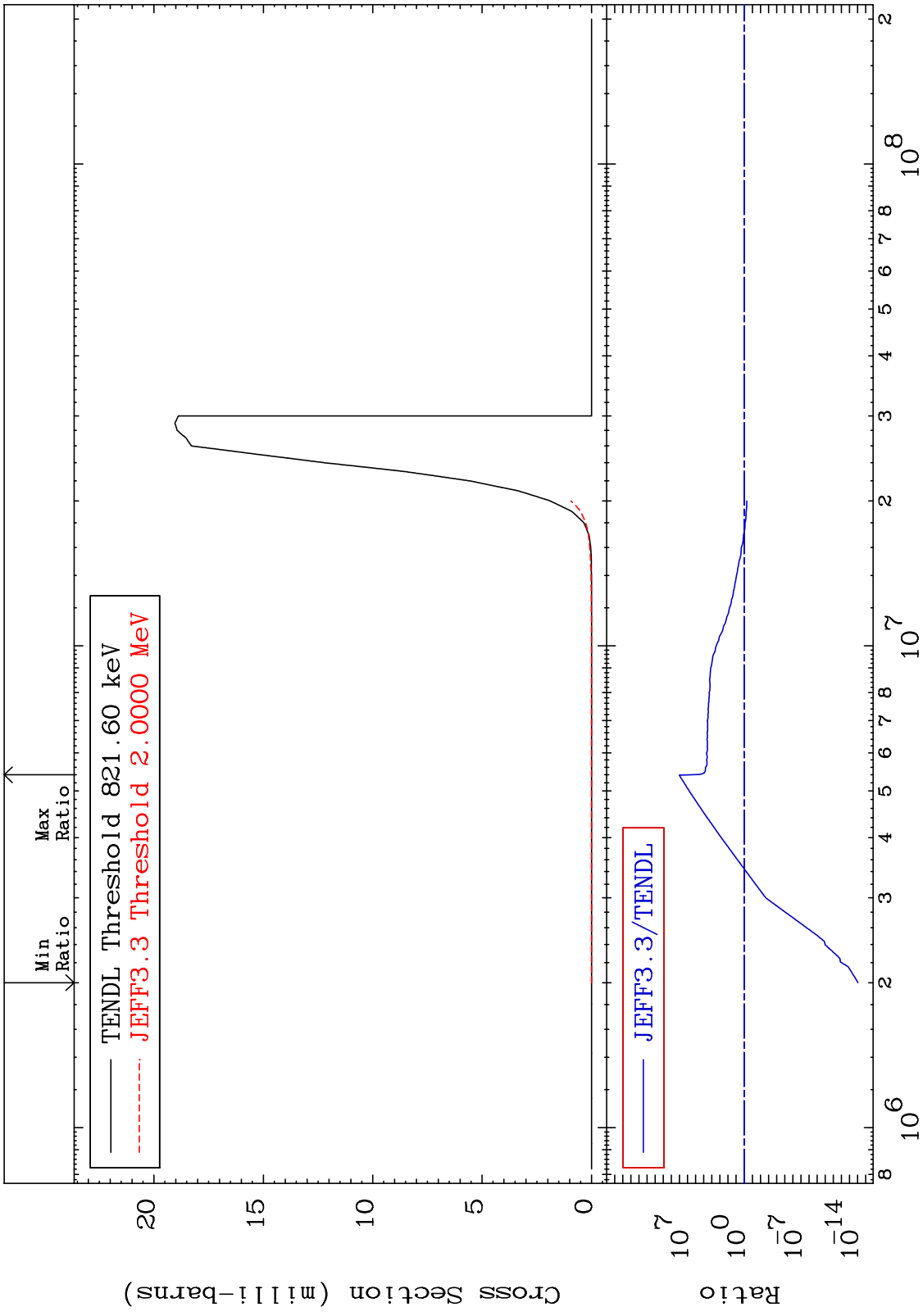


5

Incident Energy (eV)

82-Pb-206

MAT 8231 82-Pb-206
 (n, n') α
 Cross Section -100.0 To 9999. %



6 82-Pb-206

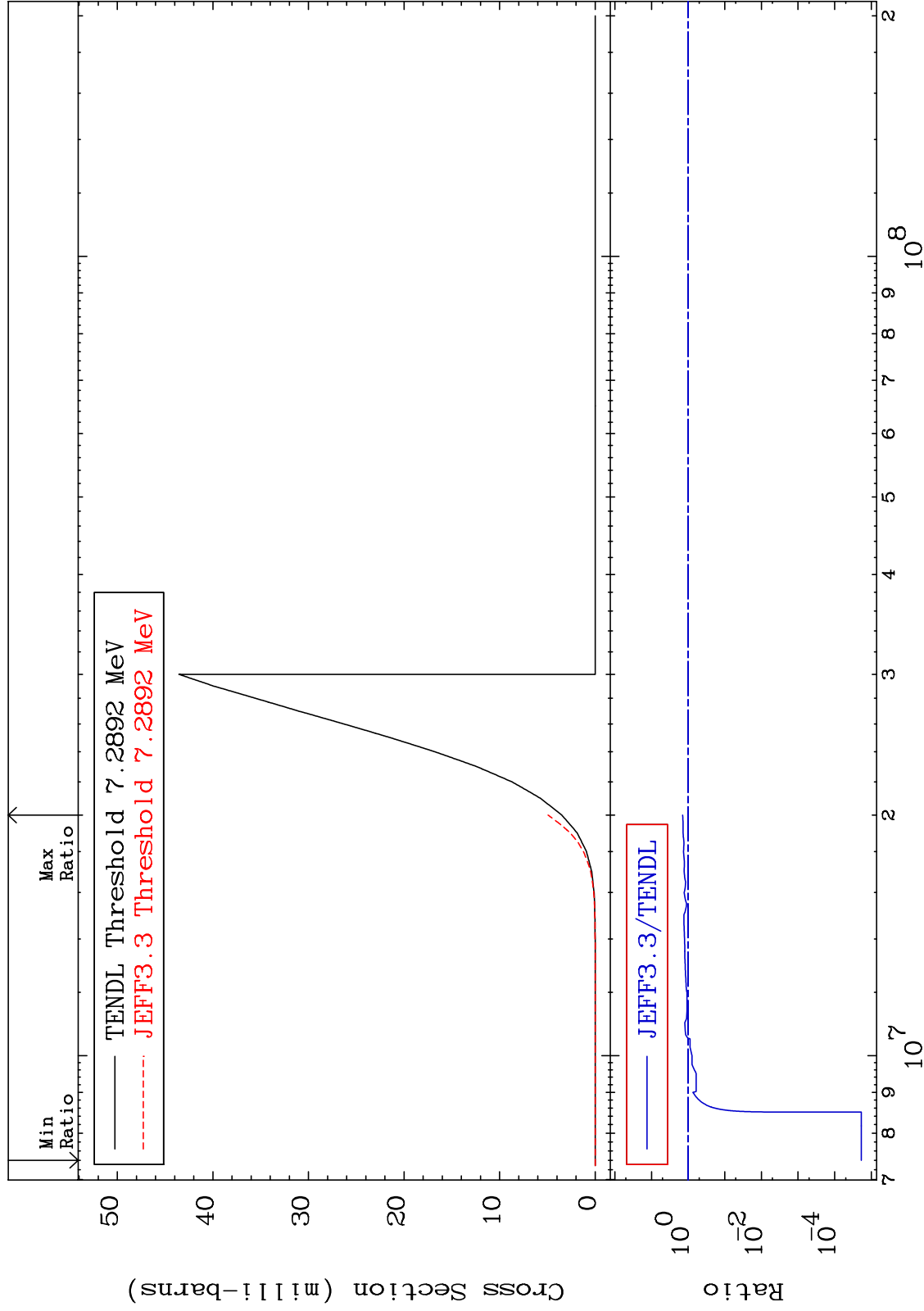
MAT 8231

(n, n') p

82-Pb-206

Cross Section

-100.0 To 40.80 %

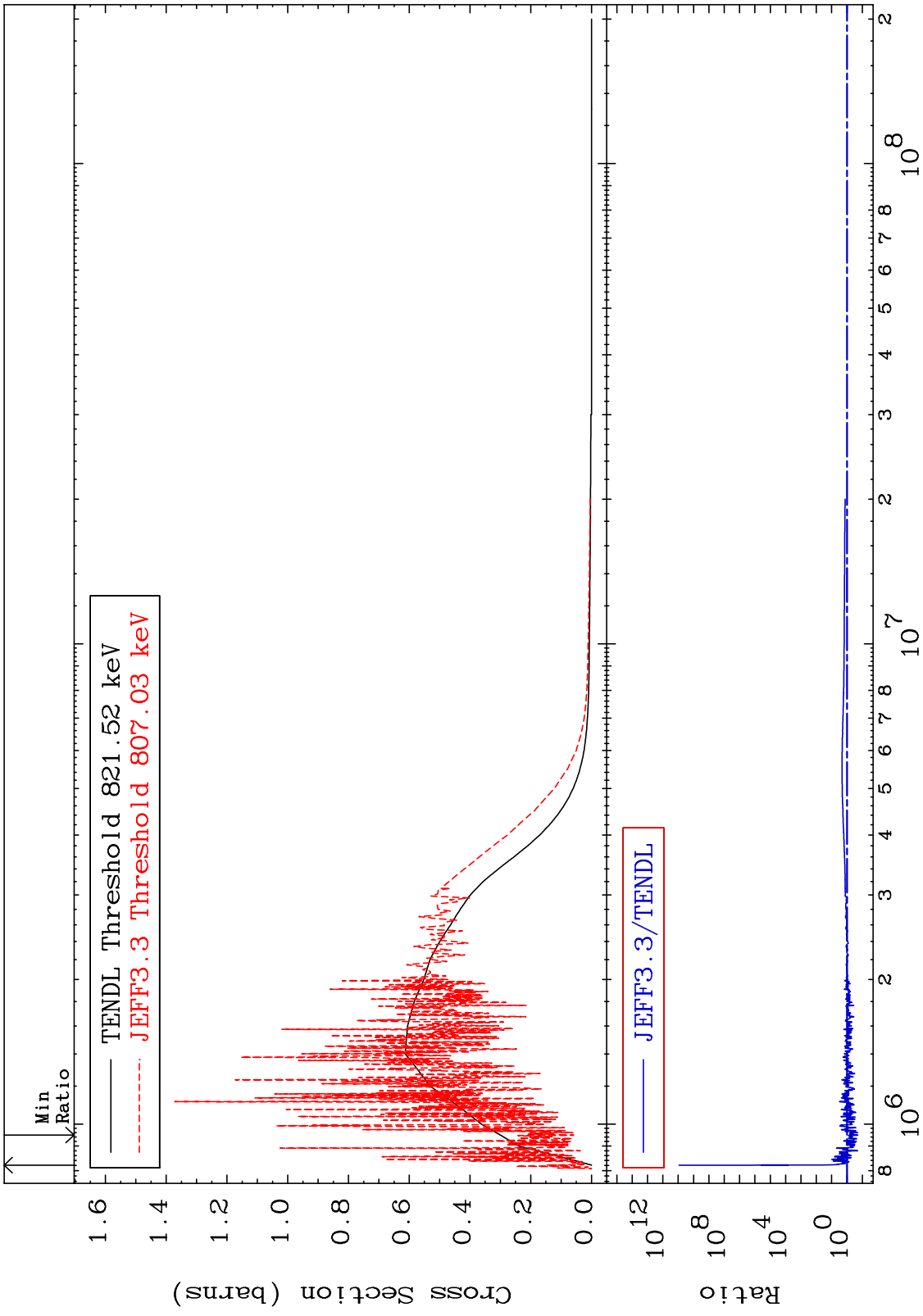


7

Incident Energy (eV)

82-Pb-206

MAT 8231 MT= 51 (n,n') Level Cross Section 82-Pb-206 -80.40 To 9999. %

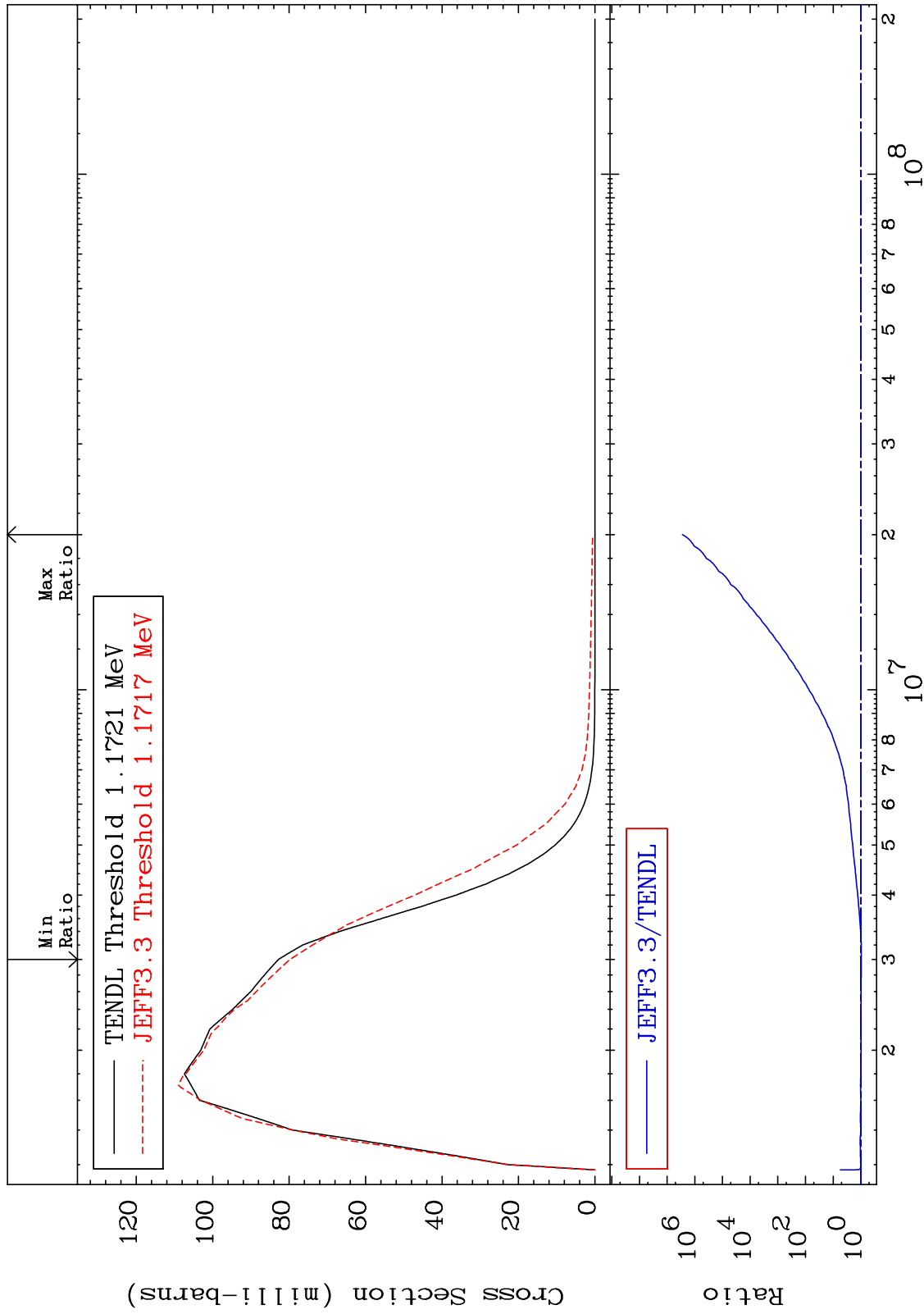


8 Incident Energy (eV) 82-Pb-206

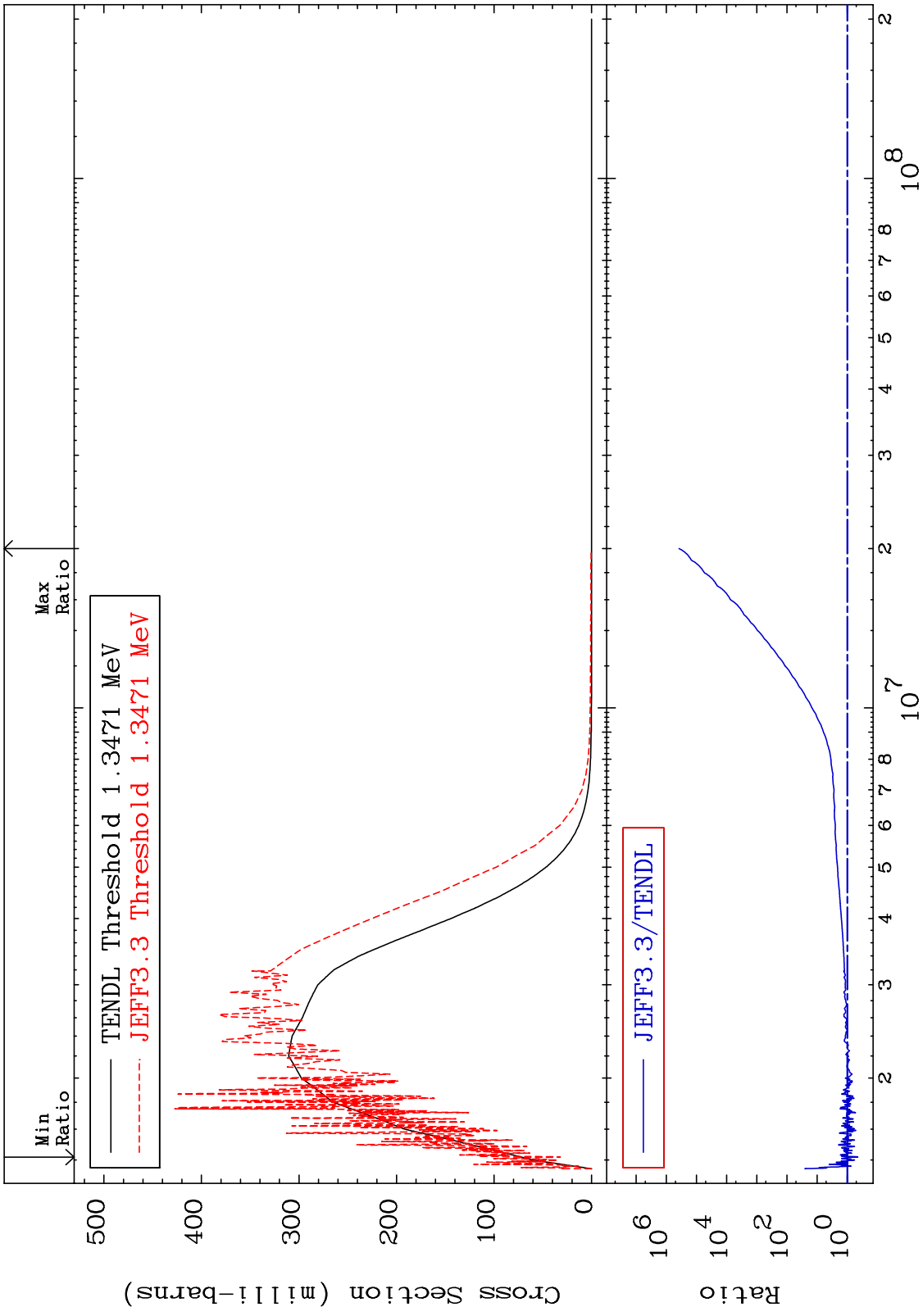
MAT 8231

MT= 52 (n,n') Level
Cross Section

82-Pb-206
-3.667 To 9999. %

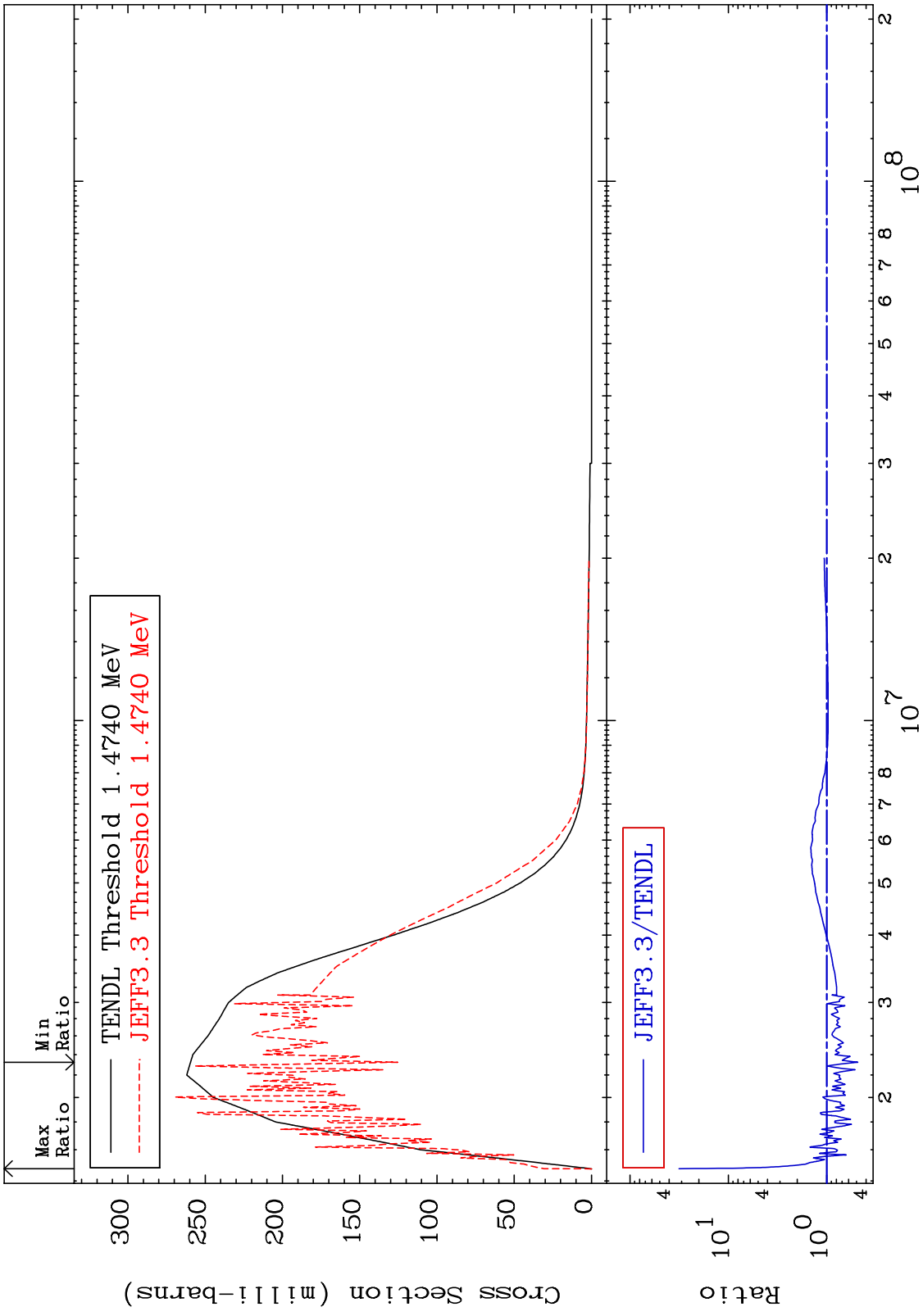


MAT 8231 MT= 53 (n,n') Level Cross Section 82-Pb-206
-55.58 To 9999. %

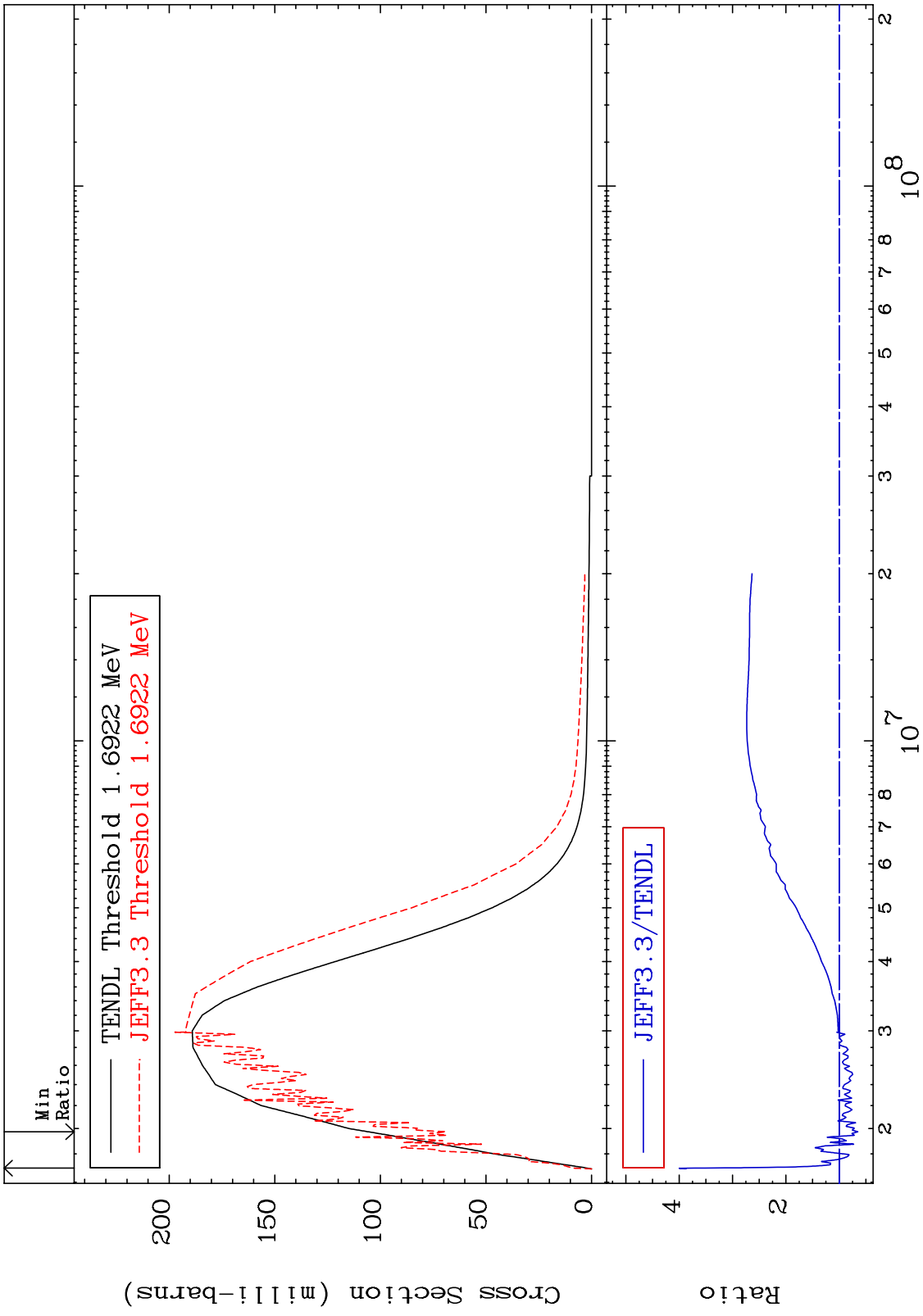


10 82-Pb-206

MAT 8231 MT= 54 (n,n') Level Cross Section 82-Pb-206 -51.59 To 3080. %



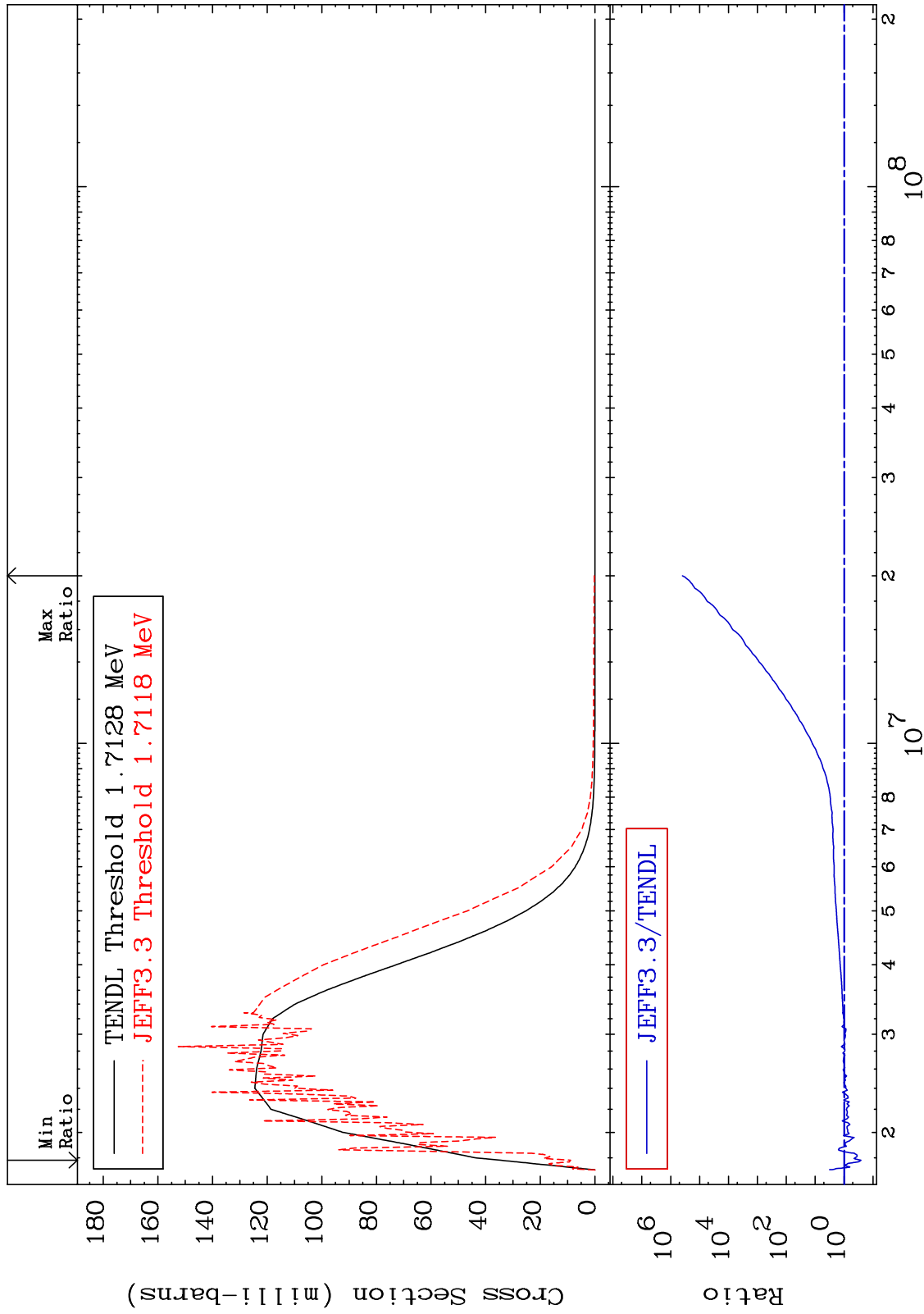
MAT 8231 MT= 55 (n,n') Level Cross Section -35.01 To 300.2 % 82-Pb-206



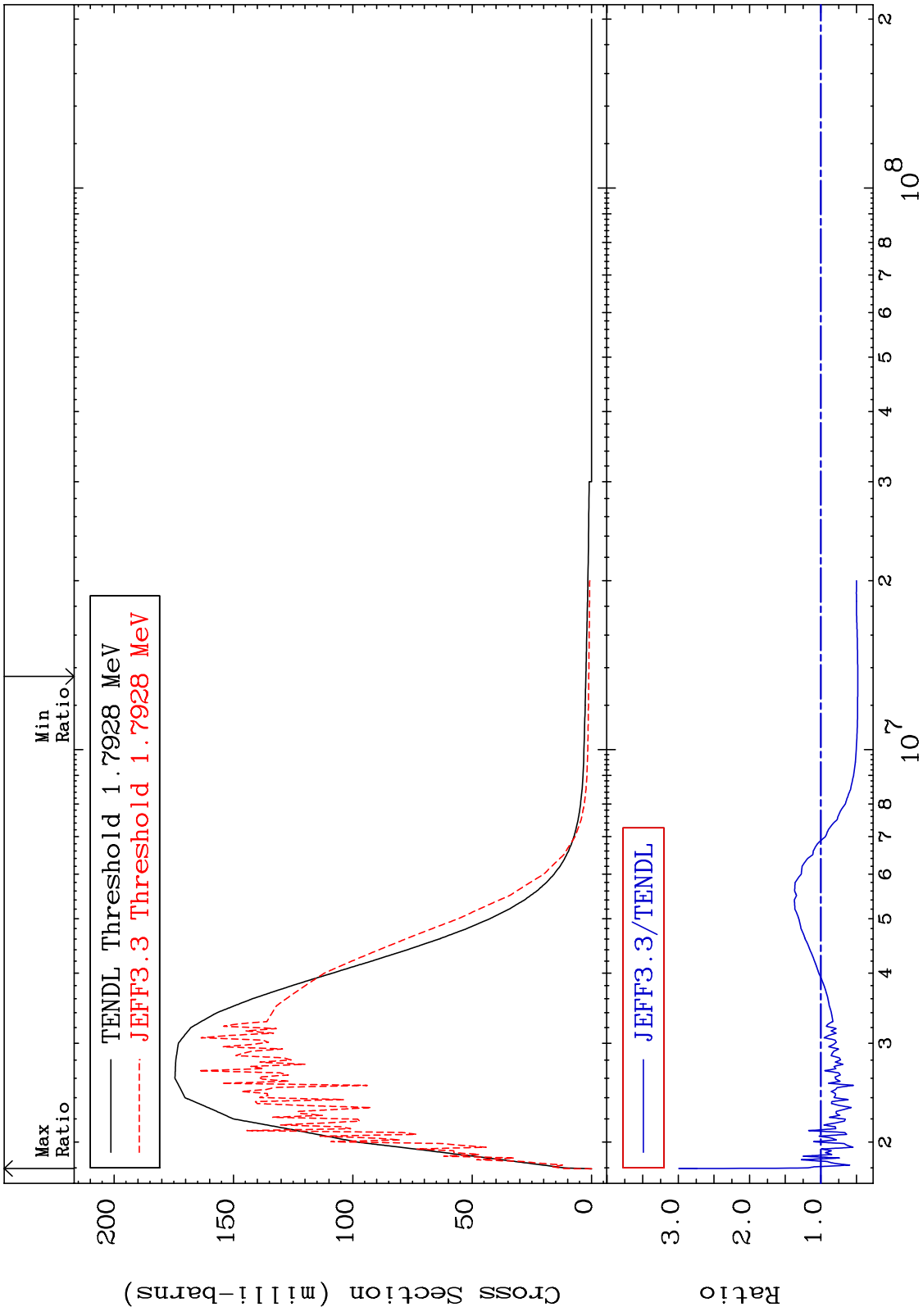
MAT 8231

MT= 56 (n,n') Level
Cross Section

82-Pb-206
-74.62 To 9999. %



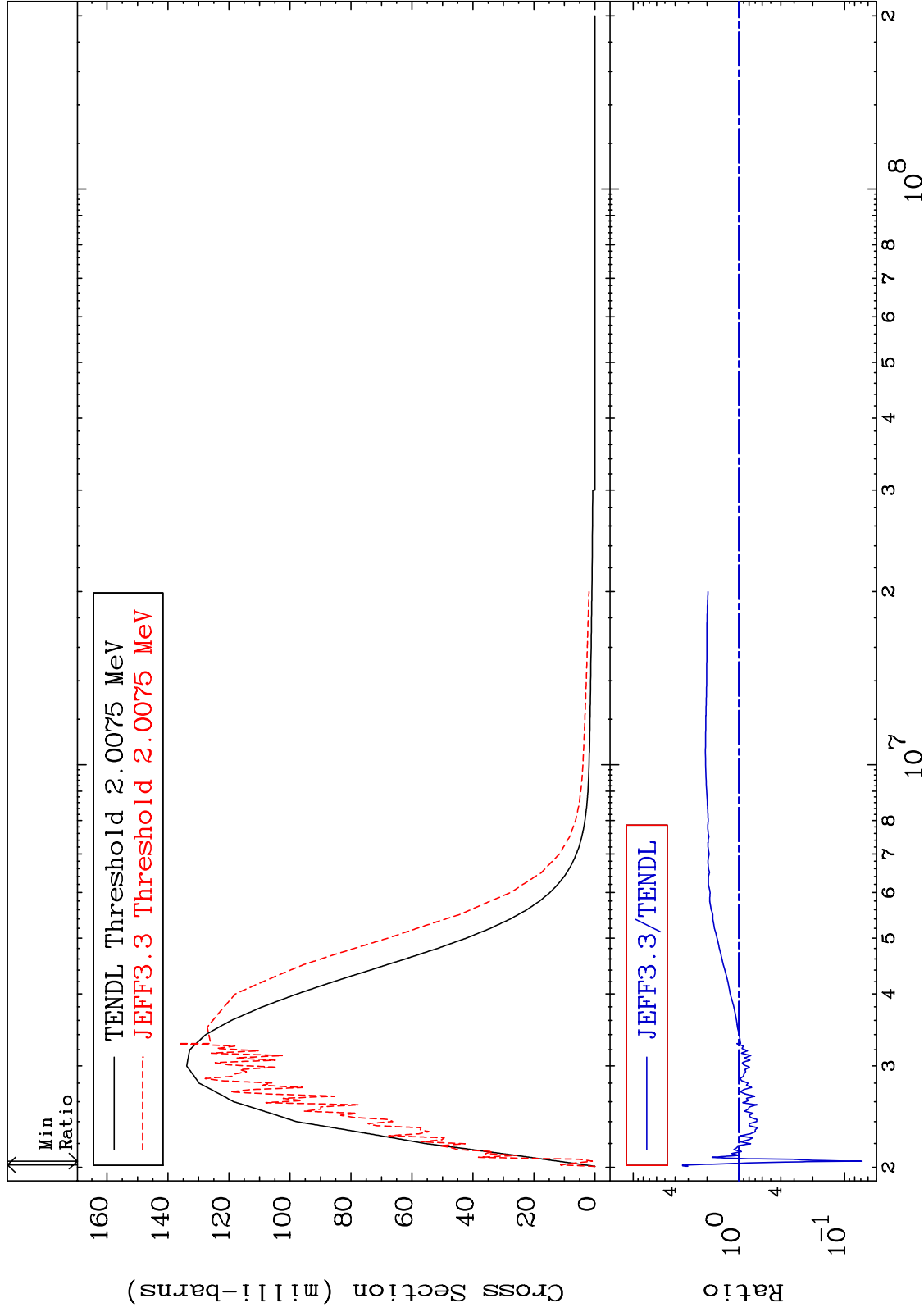
MAT 8231 MT= 57 (n,n') Level Cross Section 82-Pb-206
 -51.86 To 199.0 %



MAT 8231

MT= 58 (n,n') Level
Cross Section

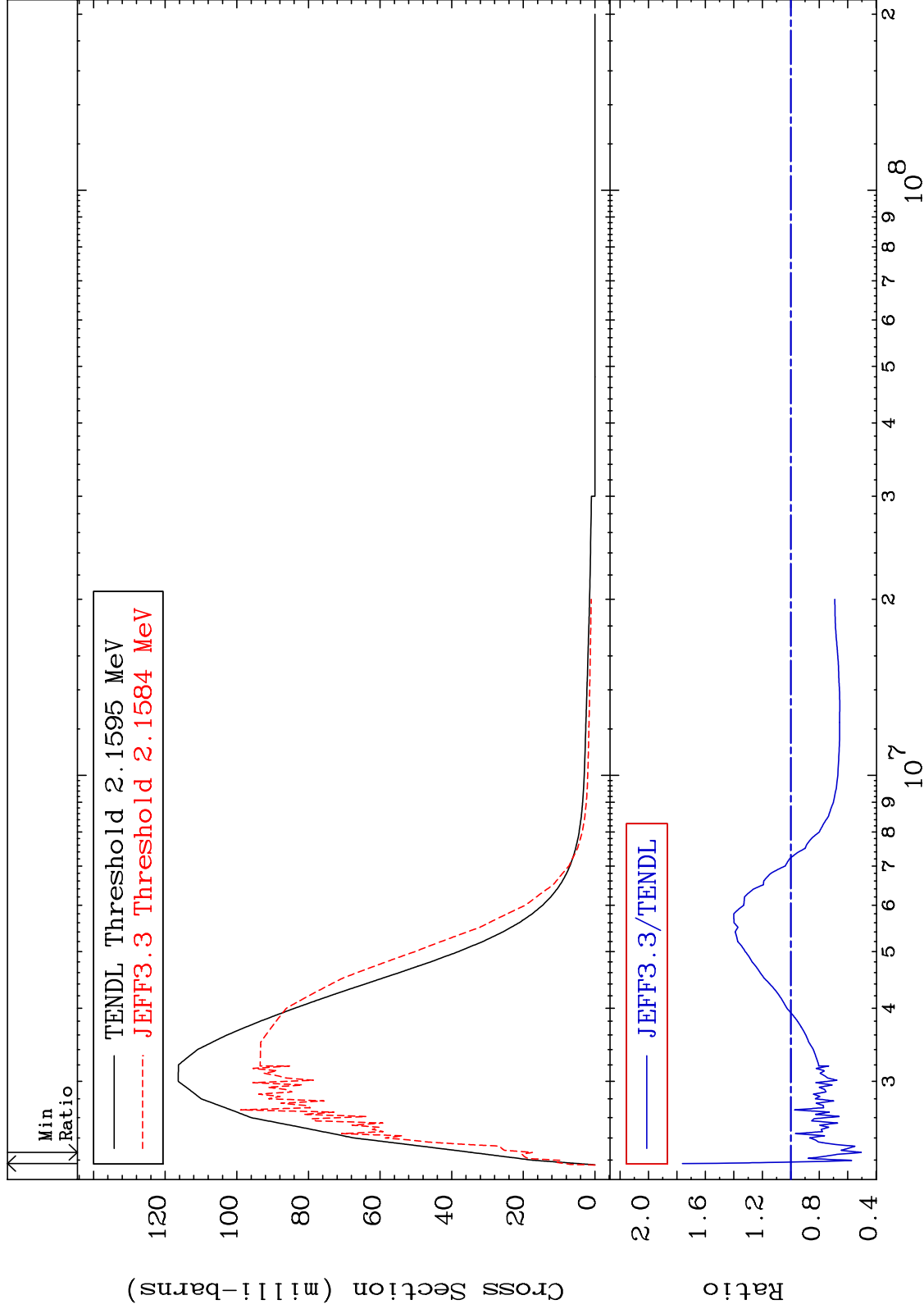
82-Pb-206
-93.06 To 241.3 %



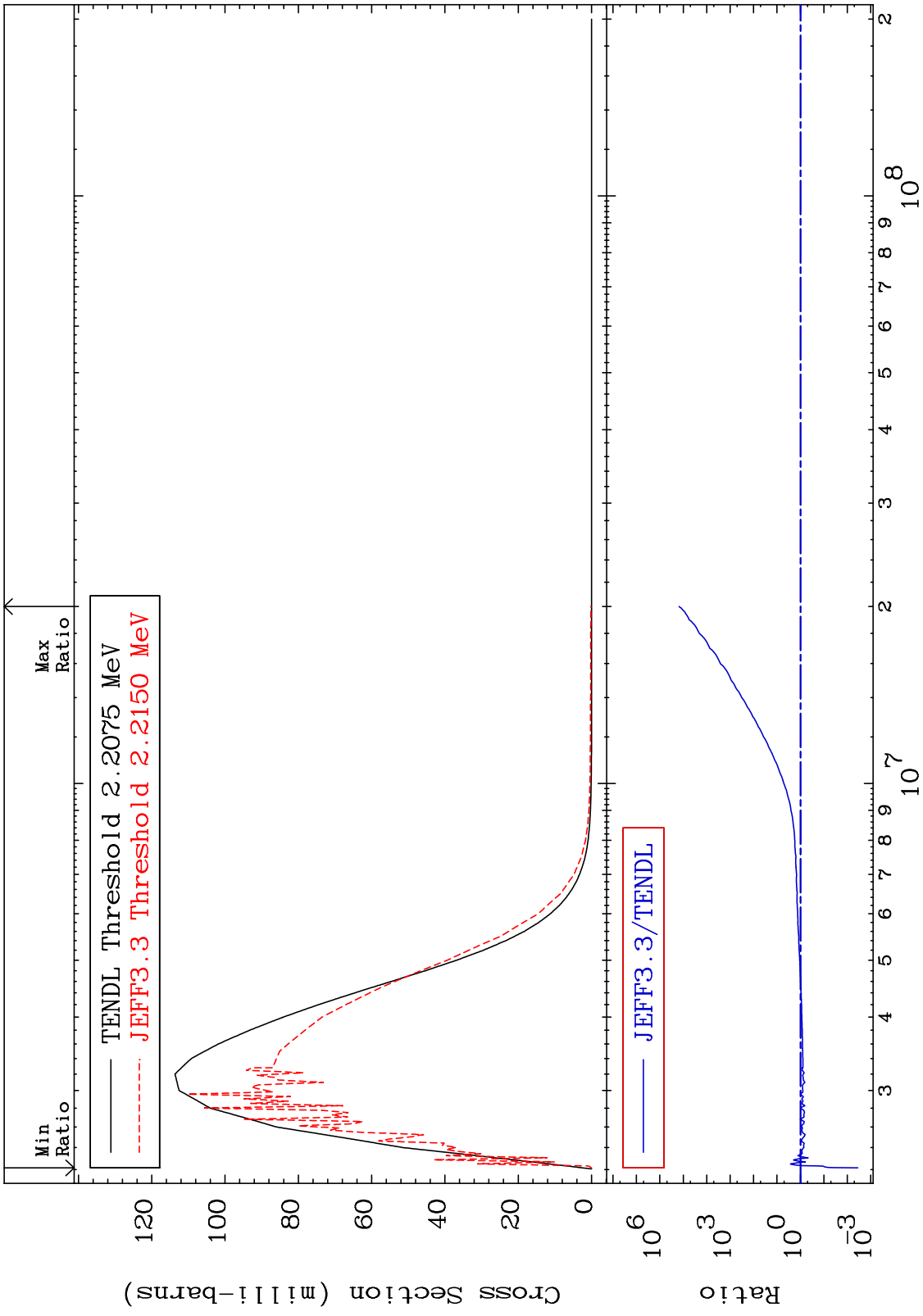
MAT 8231

MT= 59 (n,n') Level
Cross Section

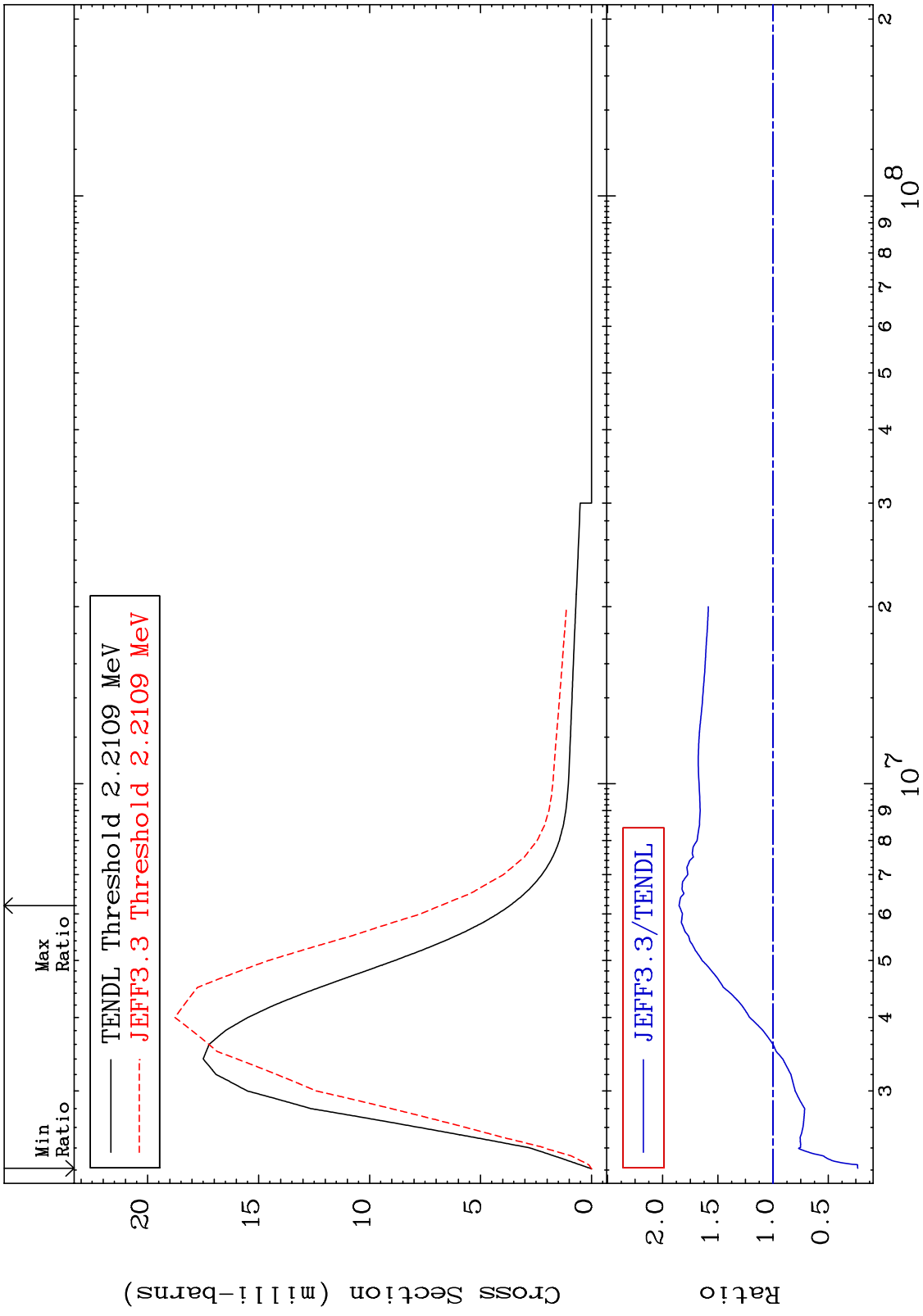
82-Pb-206
-49.54 To 76.12 %



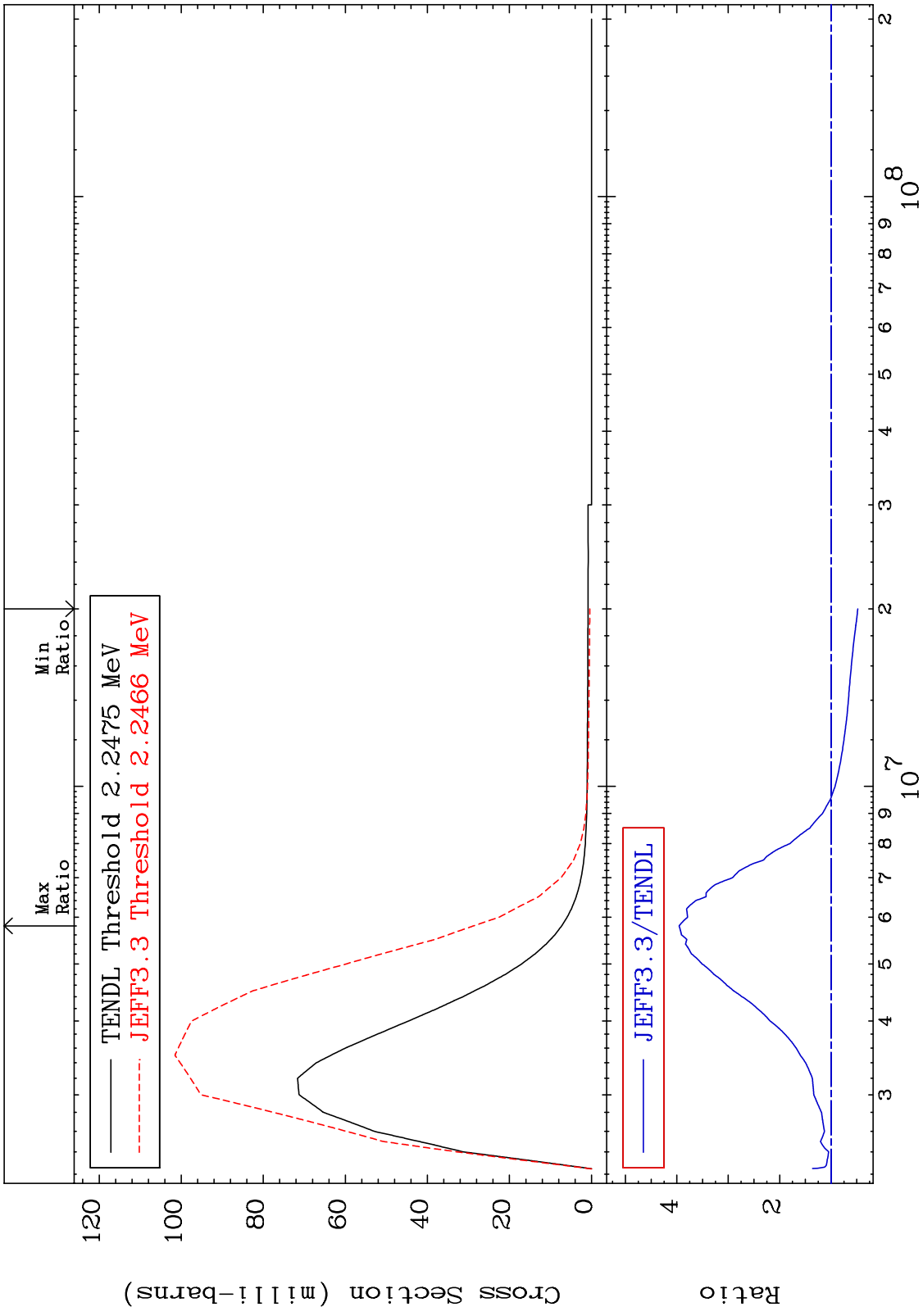
MAT 8231 MT= 60 (n,n') Level Cross Section 82-Pb-206
 -99.65 To 9999. %



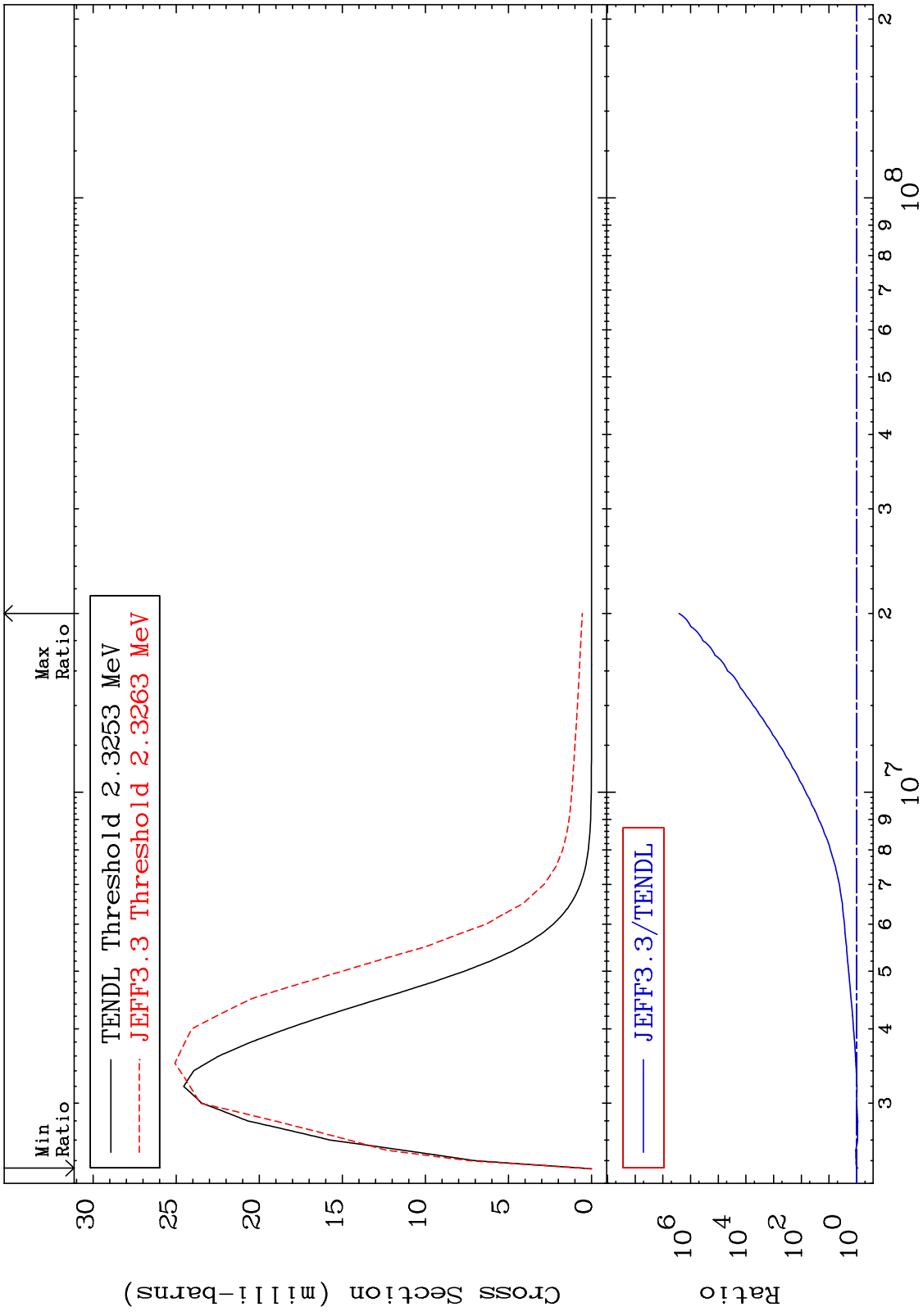
MAT 8231 MT= 61 (n,n') Level Cross Section 82-Pb-206
 -76.77 To 85.14 %



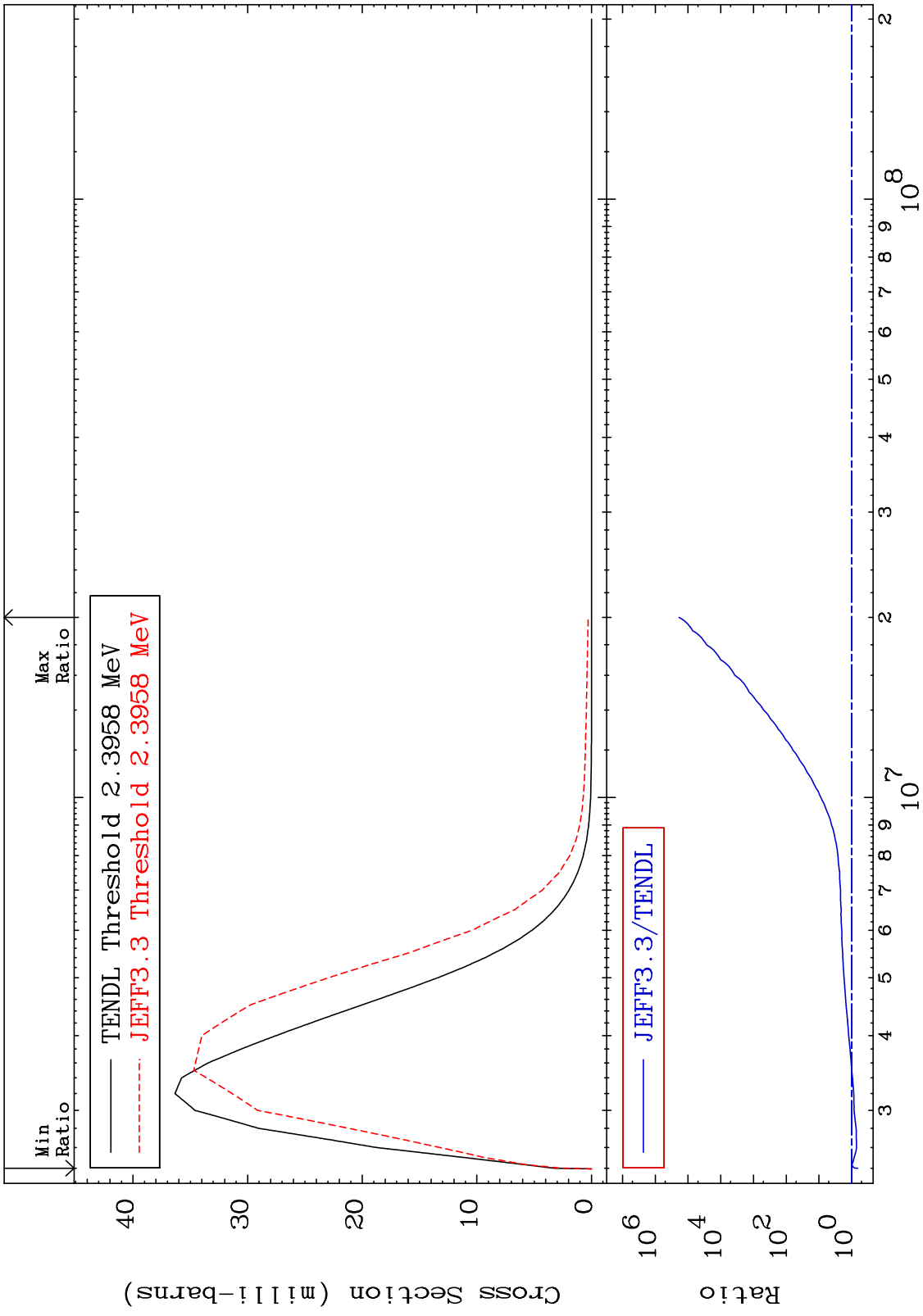
MAT 8231 MT= 62 (n,n') Level Cross Section 82-Pb-206
 -52.07 To 295.8 %



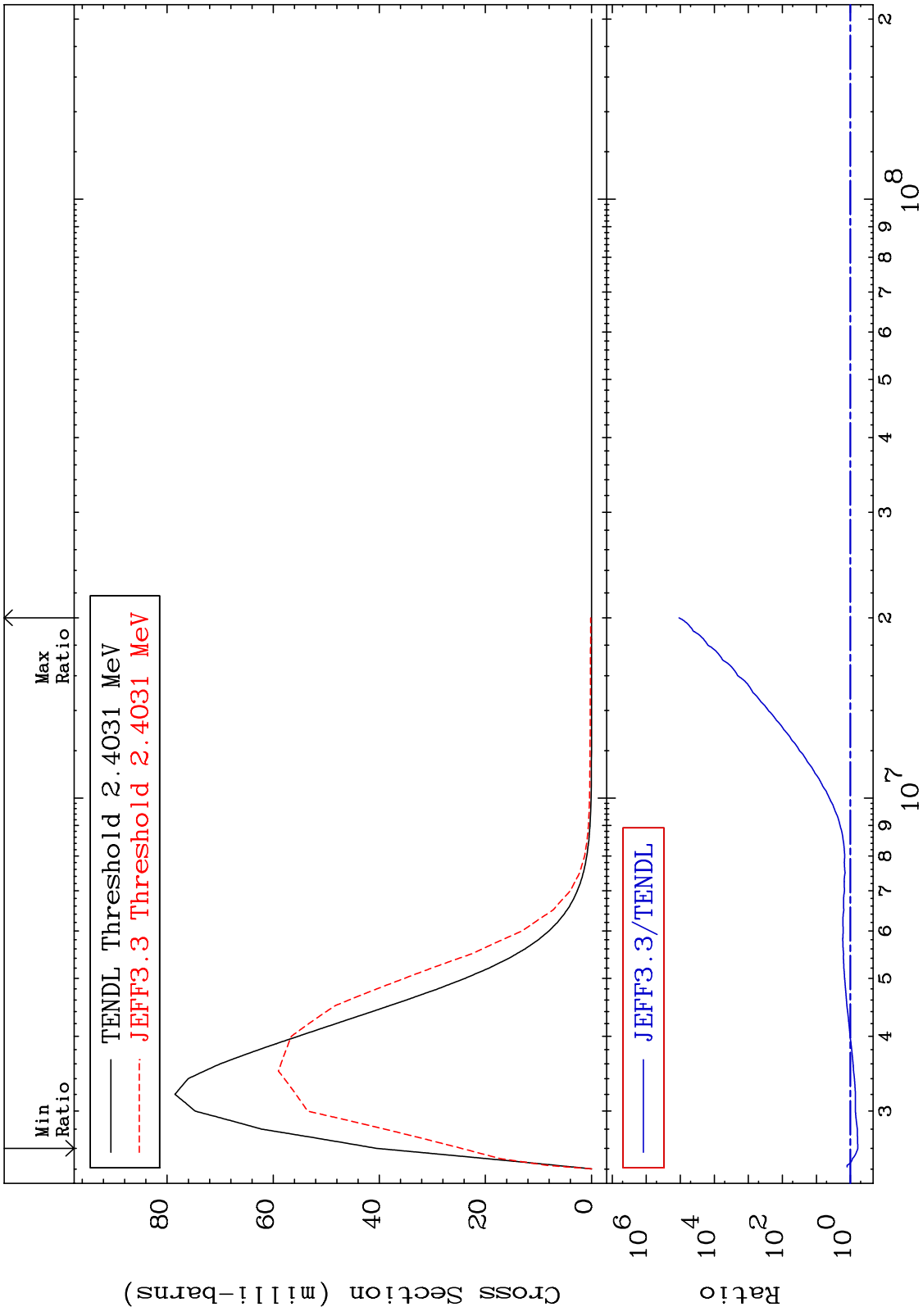
MAT 8231 MT= 63 (n,n') Level Cross Section 82-Pb-206
 -8.963 To 9999. %



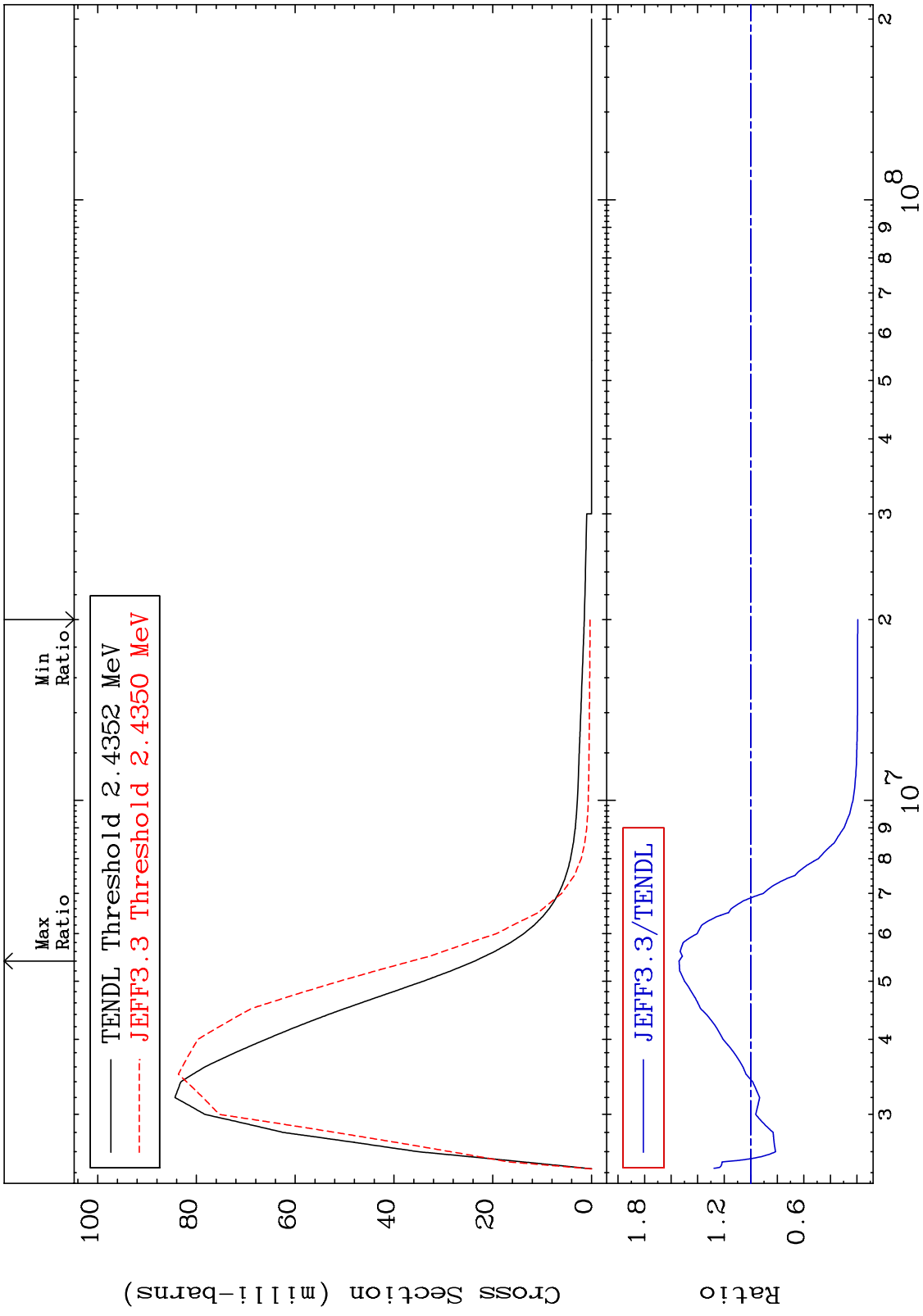
MAT 8231 MT= 64 (n,n') Level Cross Section 82-Pb-206
 -35.35 To 9999. %



MAT 8231 MT= 65 (n,n') Level Cross Section 82-Pb-206
 -39.47 To 9999. %



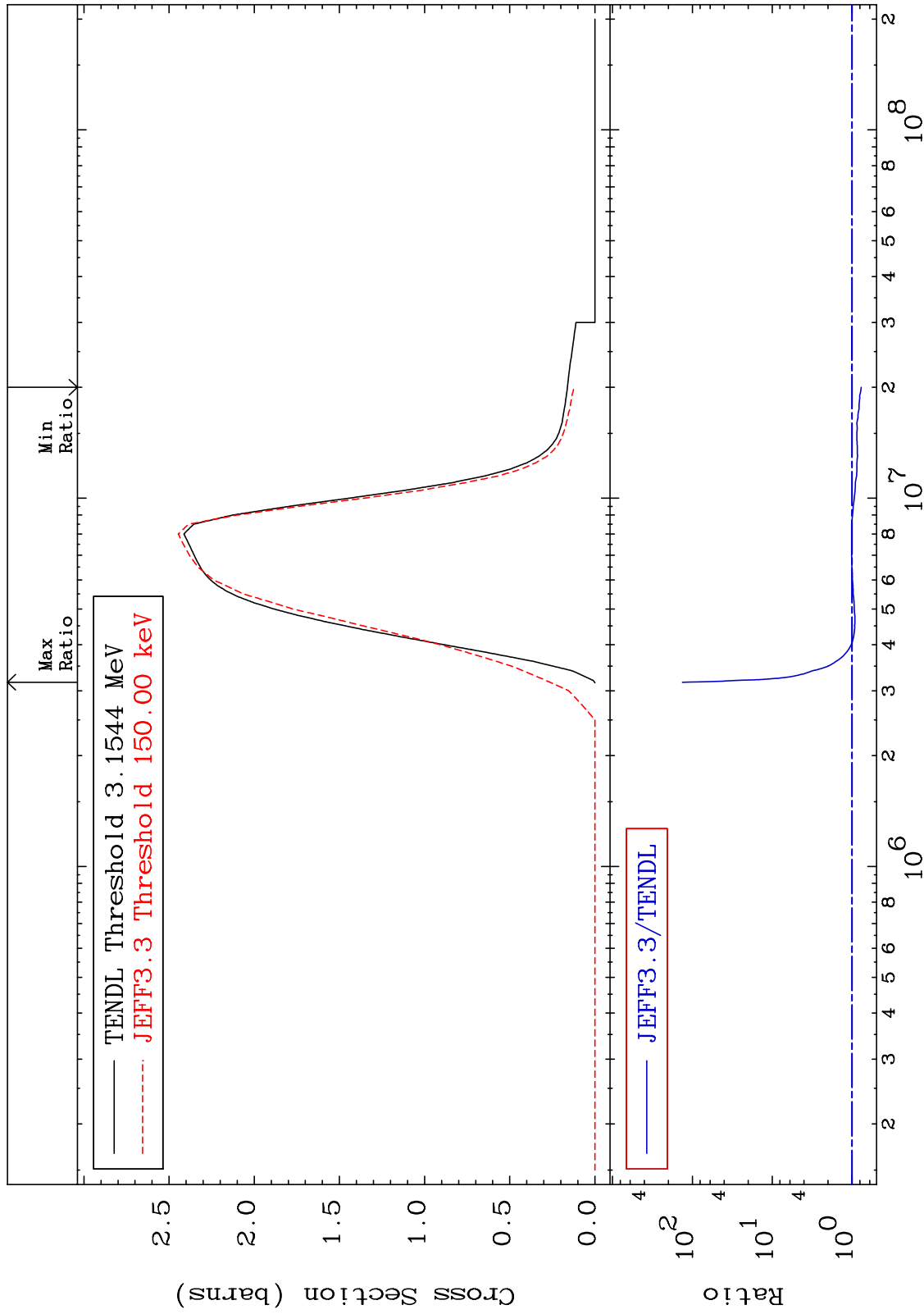
MAT 8231 MT= 66 (n,n') Level Cross Section 82-Pb-206
 -80.68 To 54.02 %



MAT 8231

(n, n') Continuum
Cross Section

82-Pb-206
-23.24 To 9999. %



24

Incident Energy (eV)

82-Pb-206

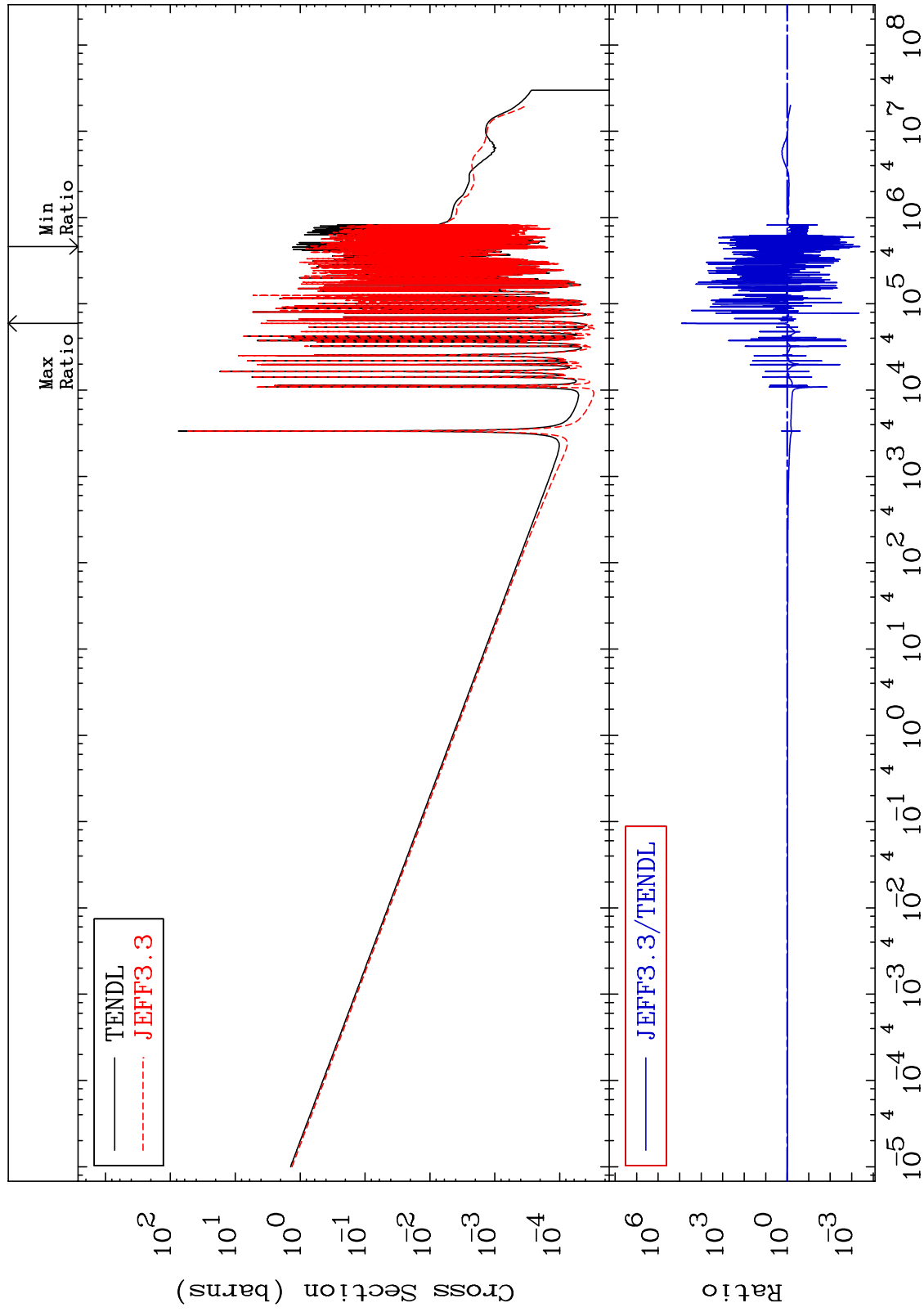
MAT 8231

(n, γ)

82-Pb-206

Cross Section

-99.96 To 9999. %



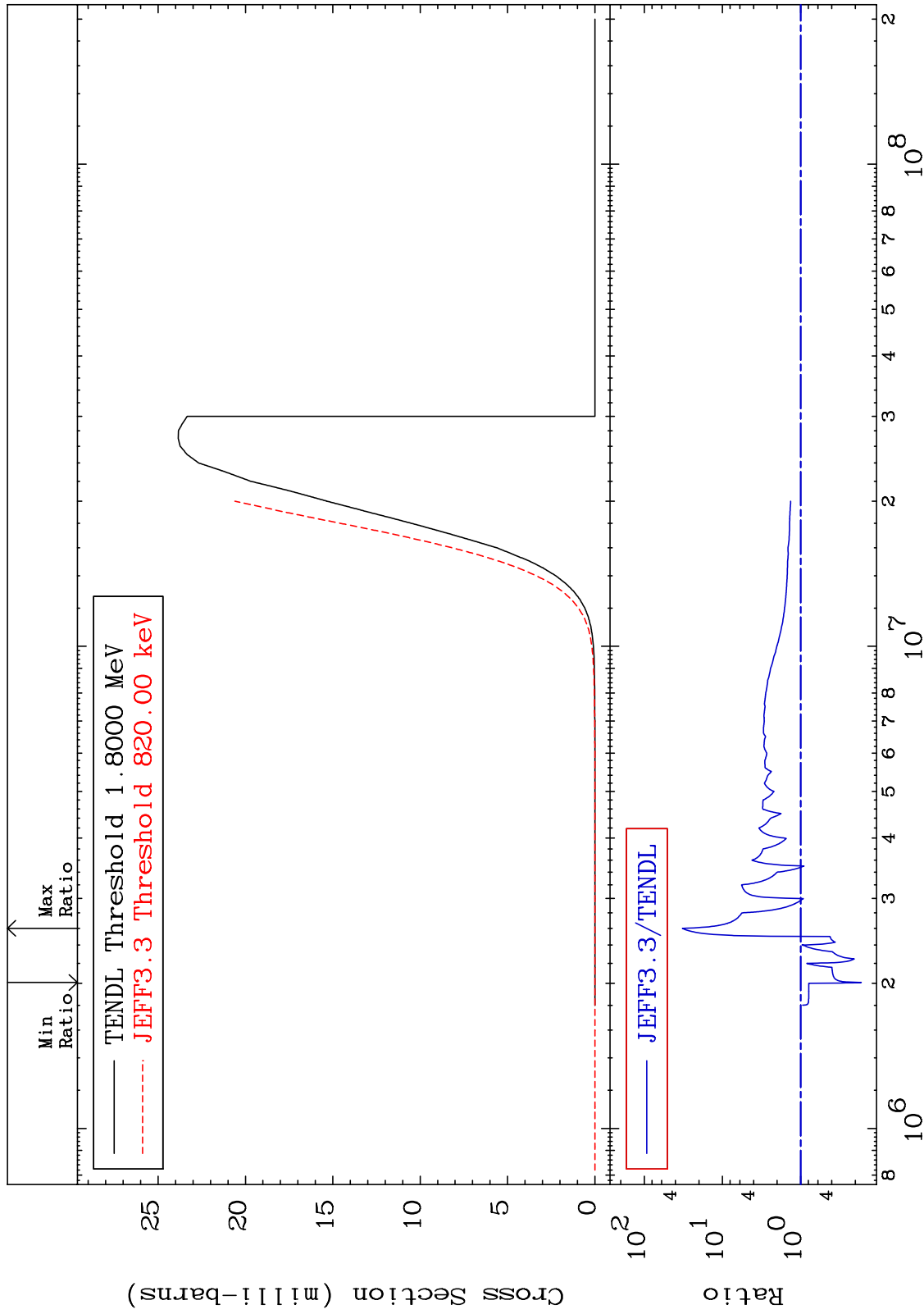
MAT 8231

(n,p)

82-Pb-206

Cross Section

-83.21 To 3152. %



26

Incident Energy (eV)

82-Pb-206

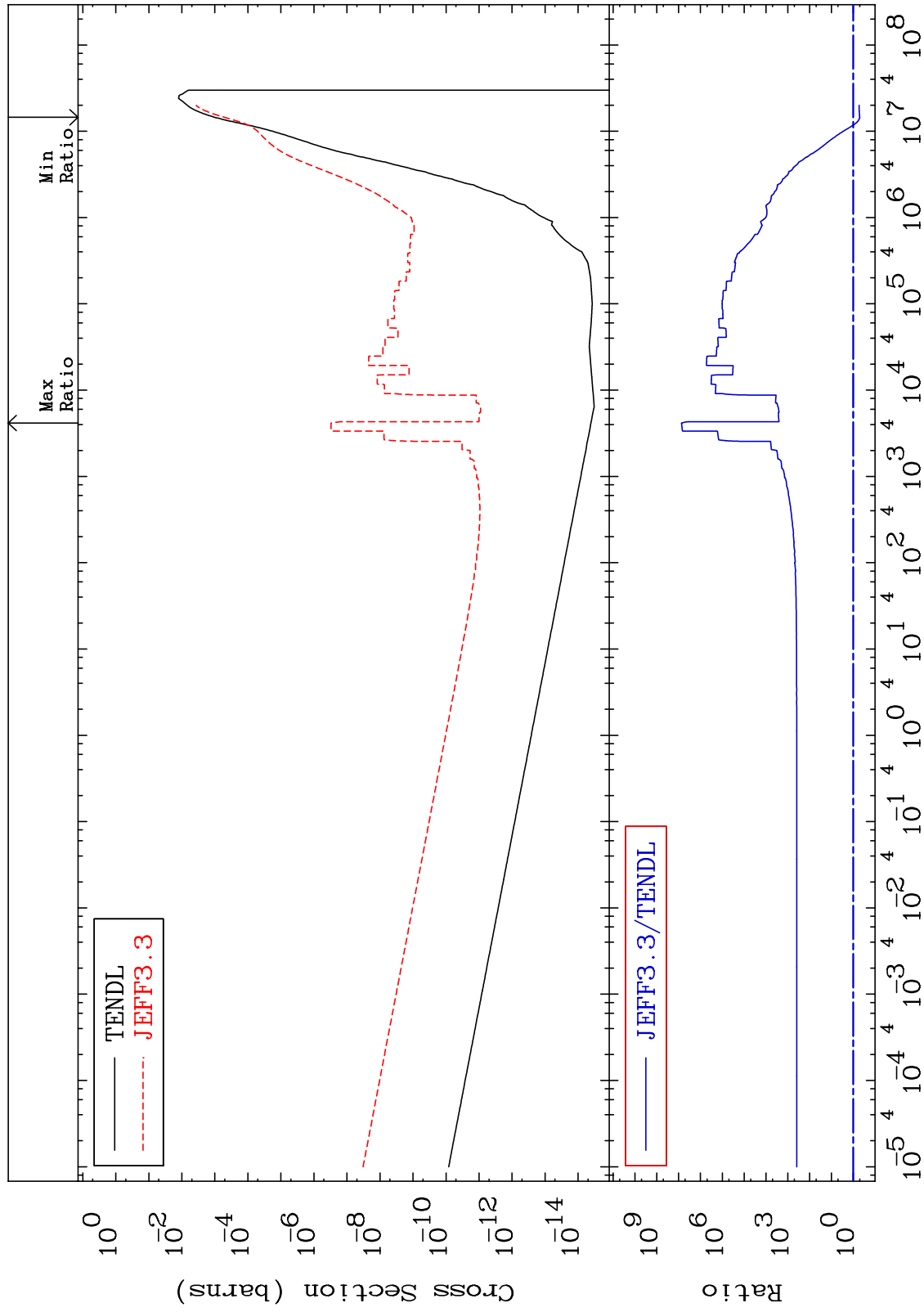
MAT 8231

(n, α)

82-Pb-206

Cross Section

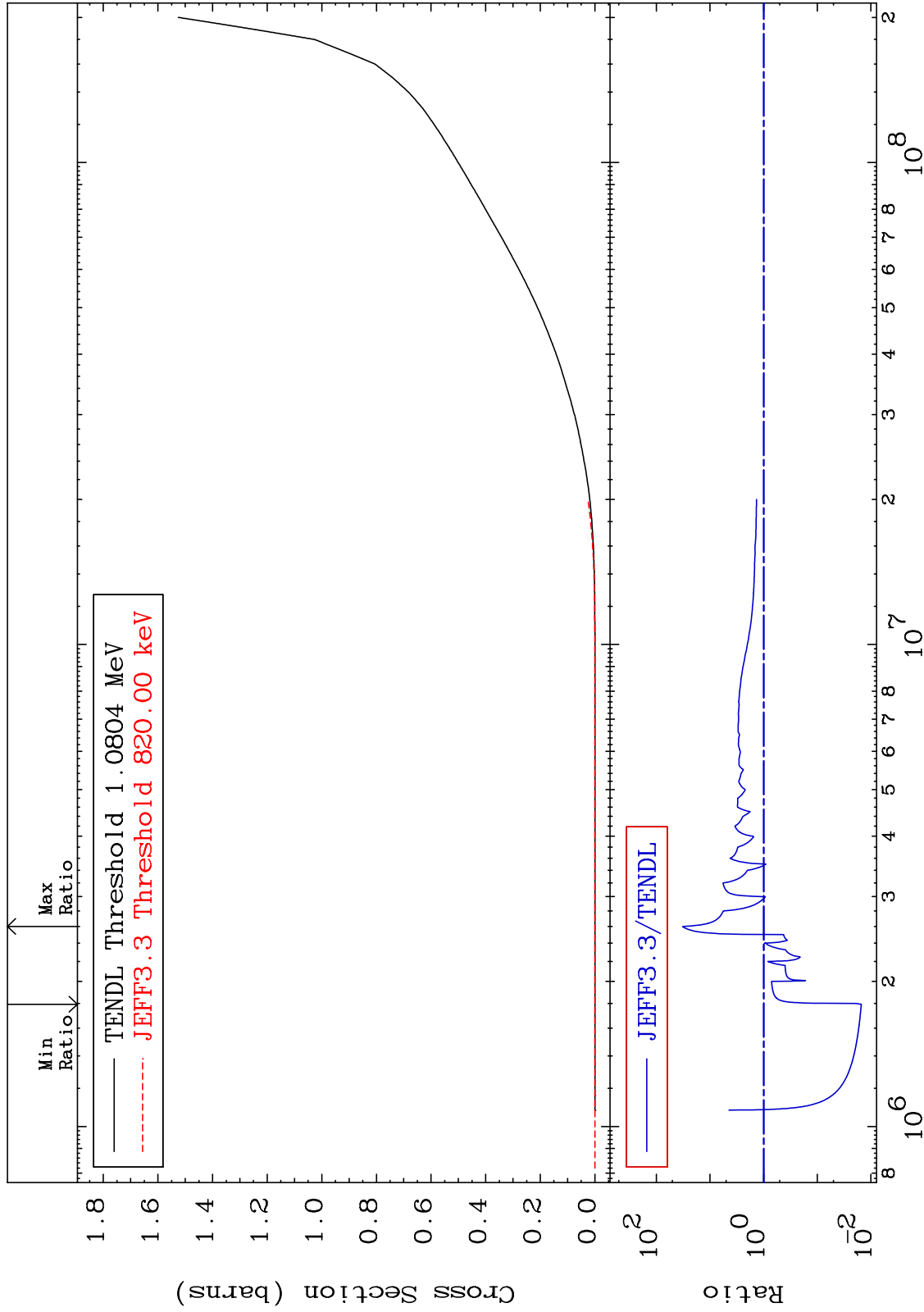
-49.75 To 9999. %



MAT 8231

Hydrogen Production
Cross Section

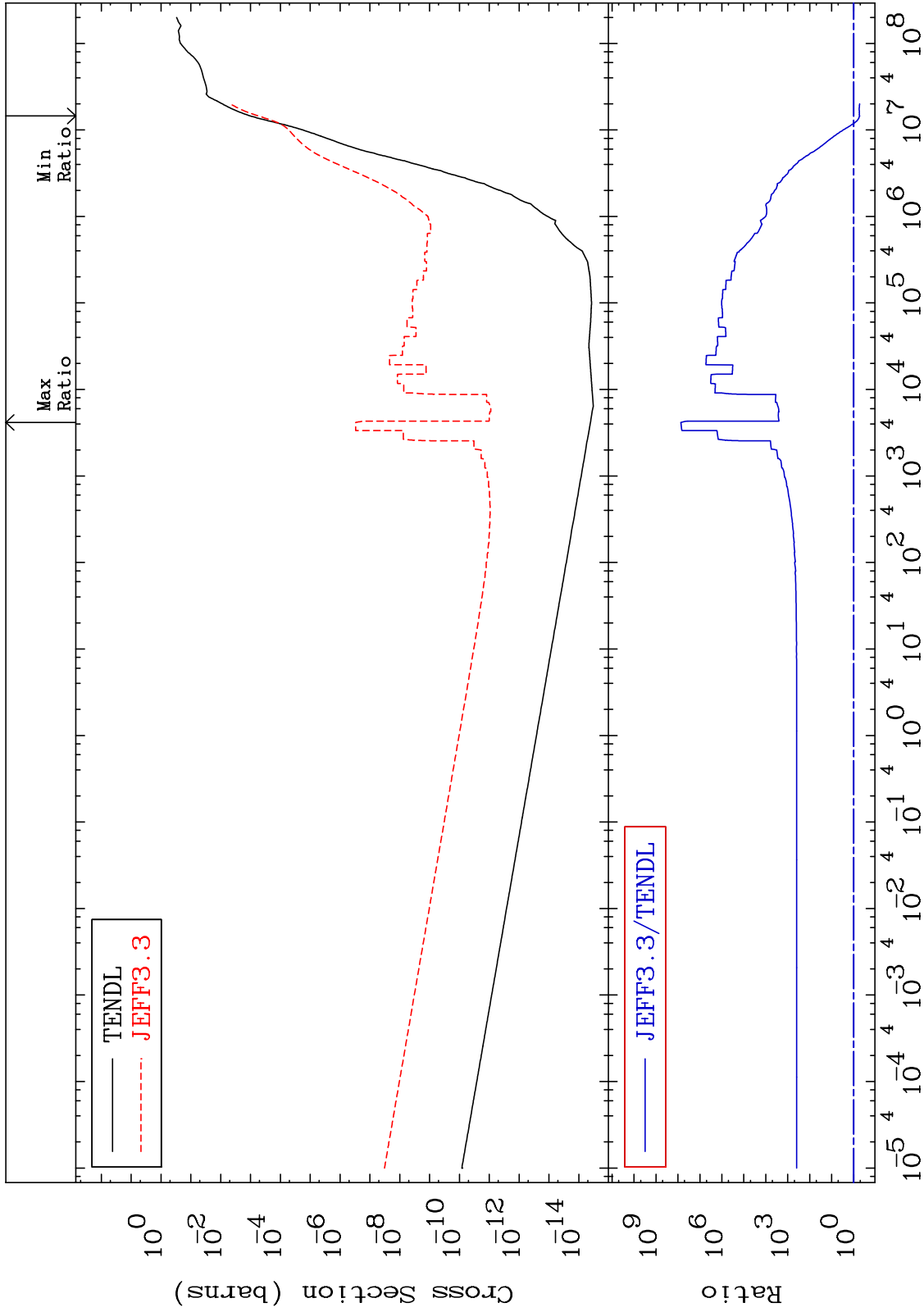
82-Pb-206
-98.49 To 3152. %



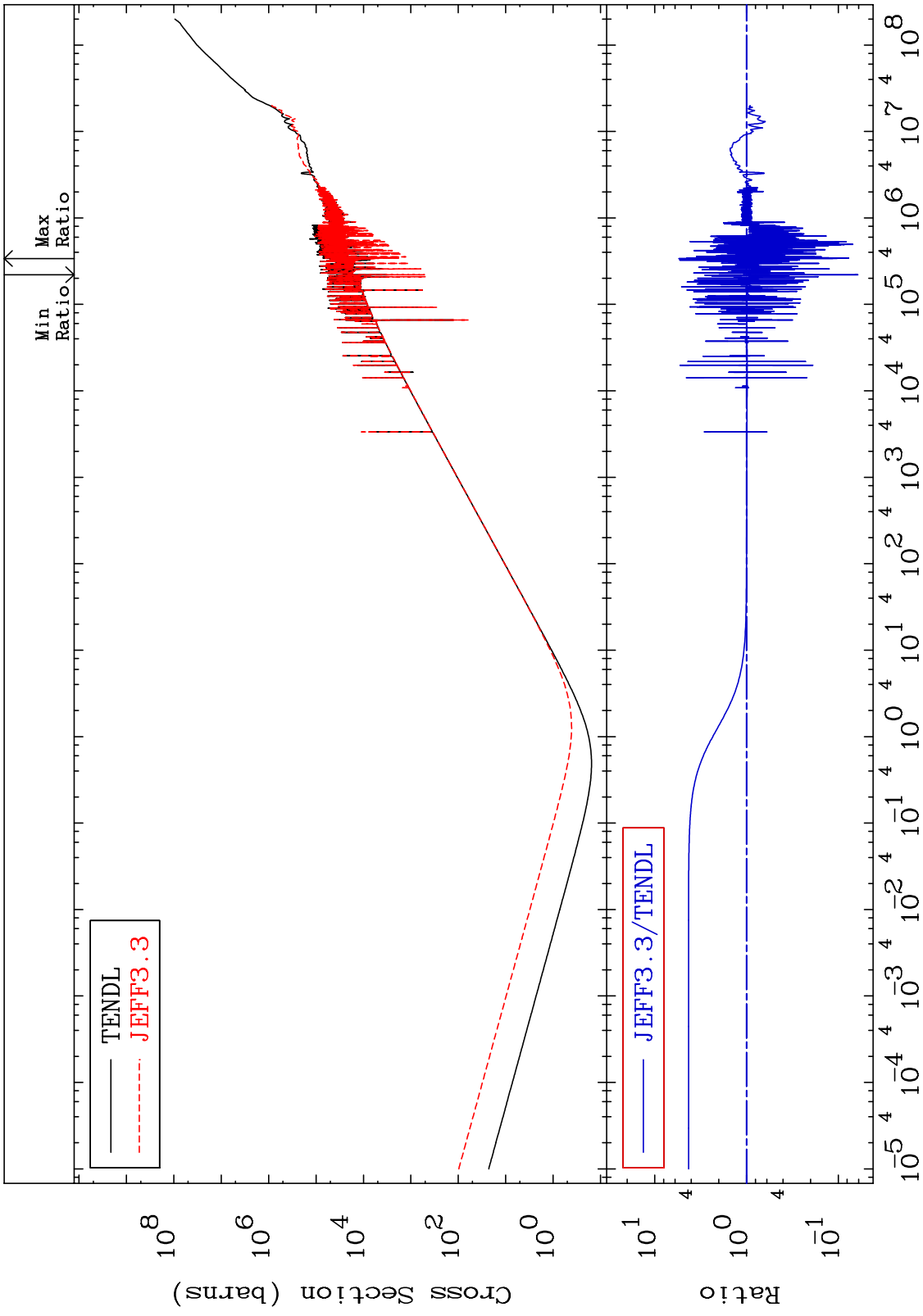
MAT 8231

He-4 Production
Cross Section

82-Pb-206
-46.93 To 9999. %



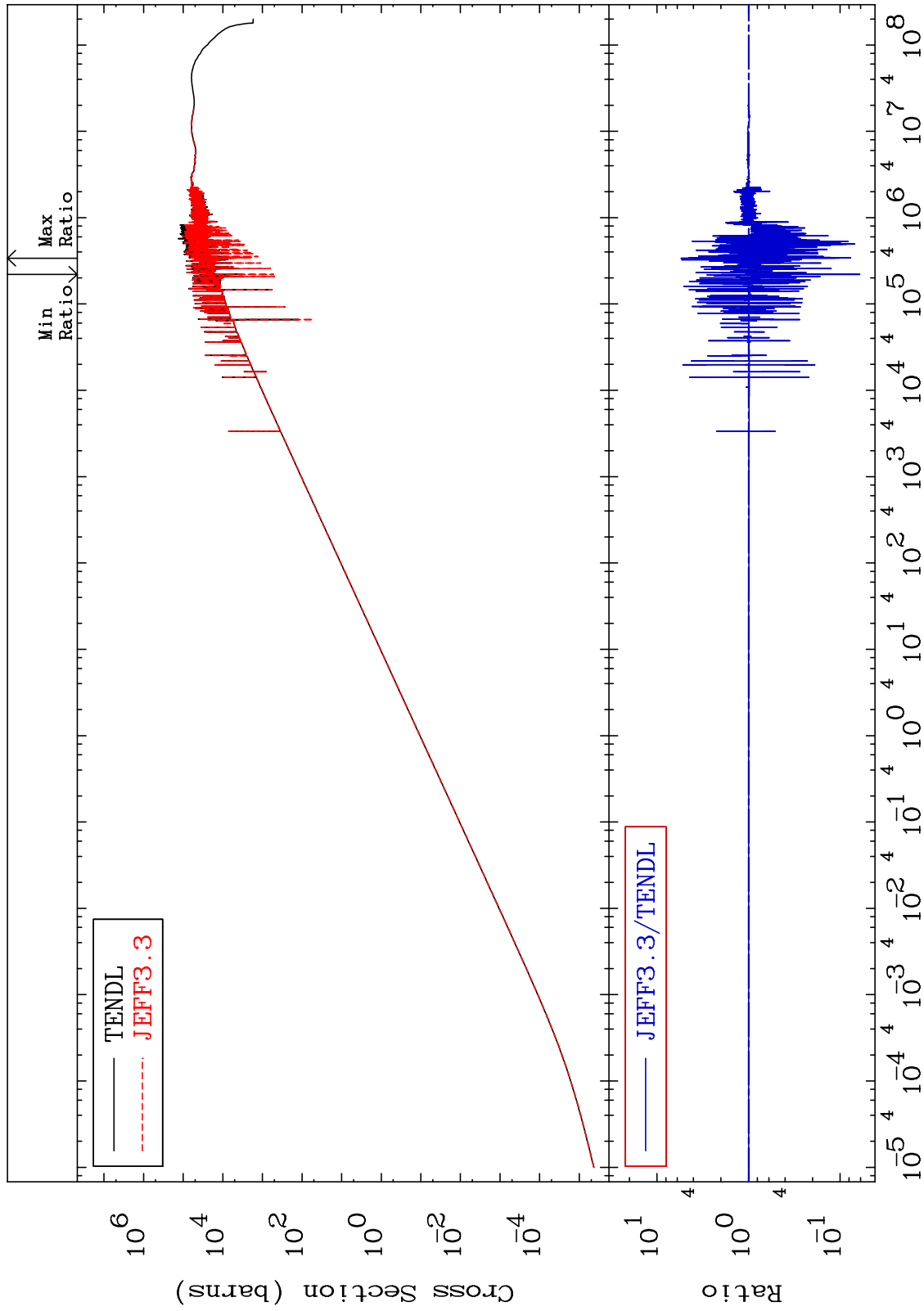
MAT 8231 Kerma total (eV-barns)
 Cross Section 82-Pb-206
 -93.89 To 443.4 %



MAT 8231

Kerma elastic
Cross Section

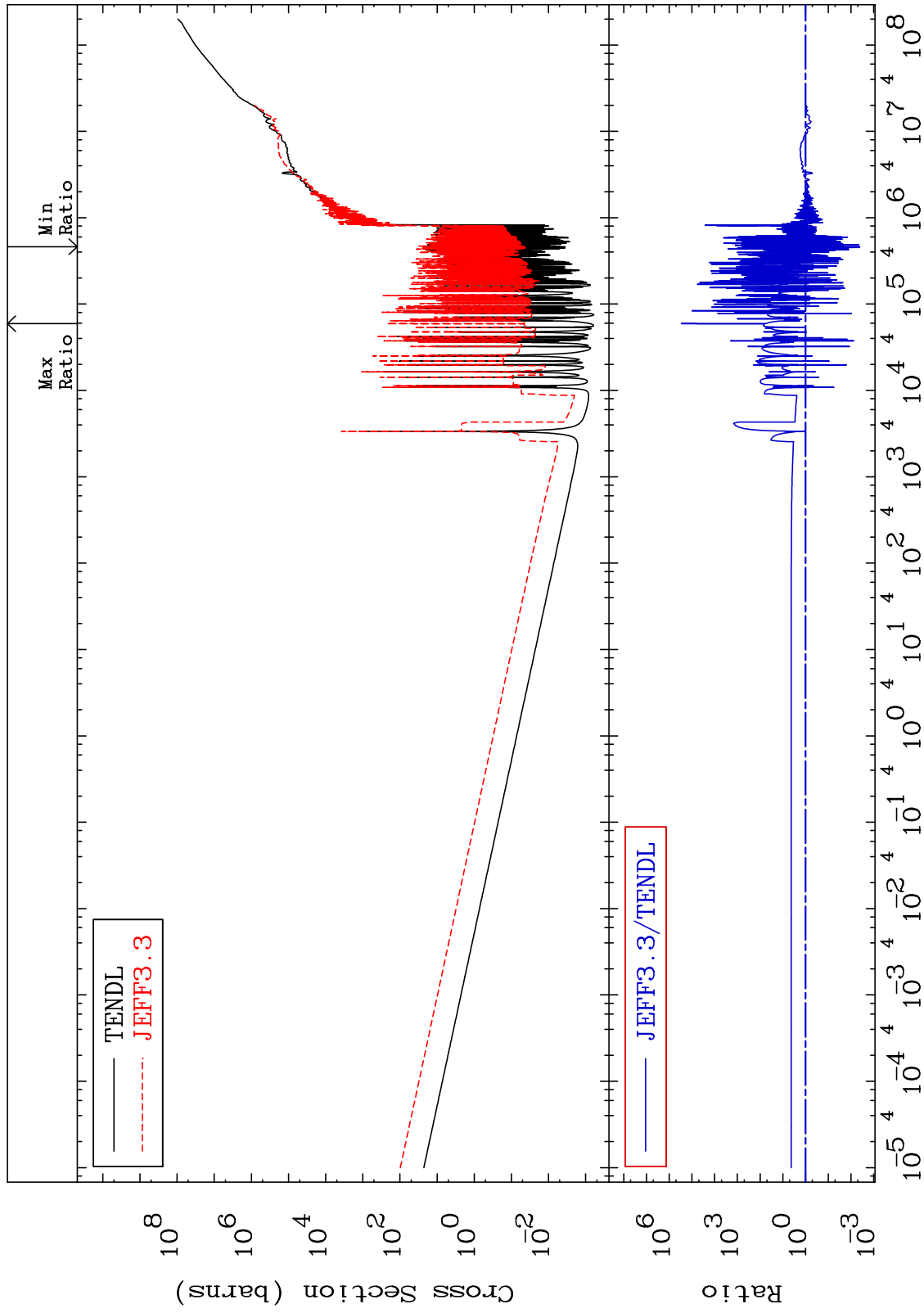
82-Pb-206
-93.89 To 443.3 %

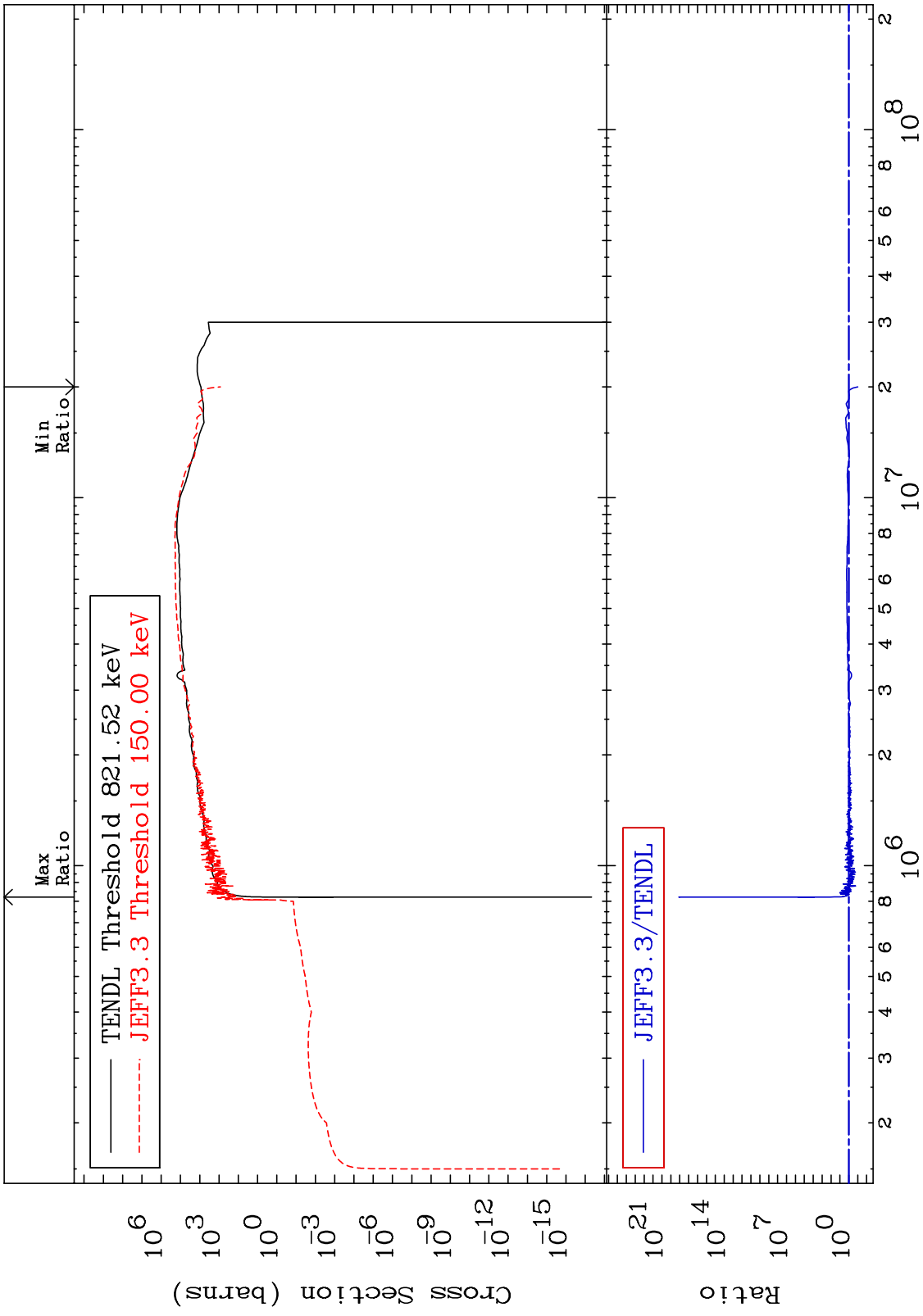


MAT 8231

Kerma non-elastic (all but mt2)
Cross Section

82-Pb-206
-99.59 To 9999. %

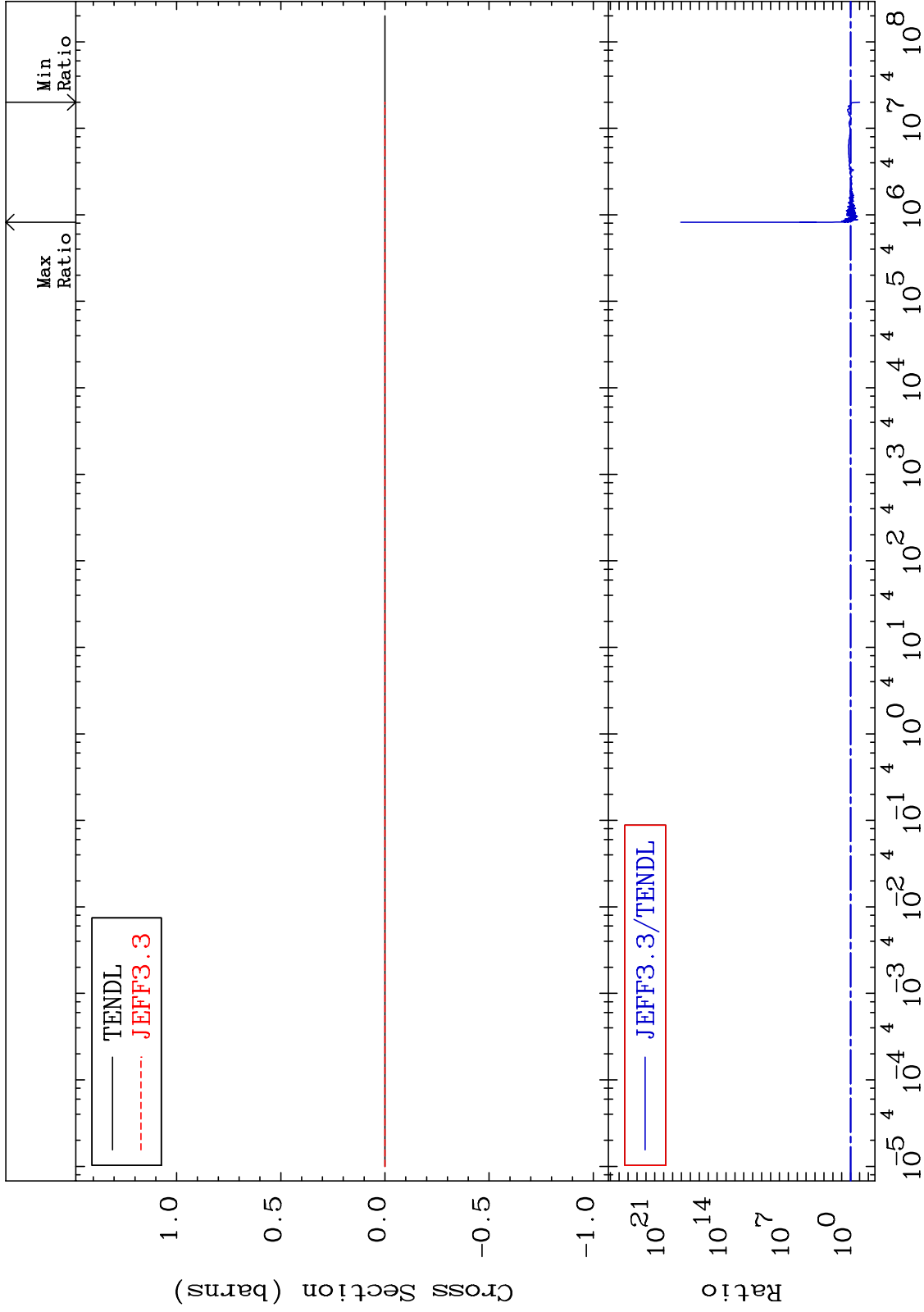




MAT 8231

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

82-Pb-206
-90.26 To 9999. %



34

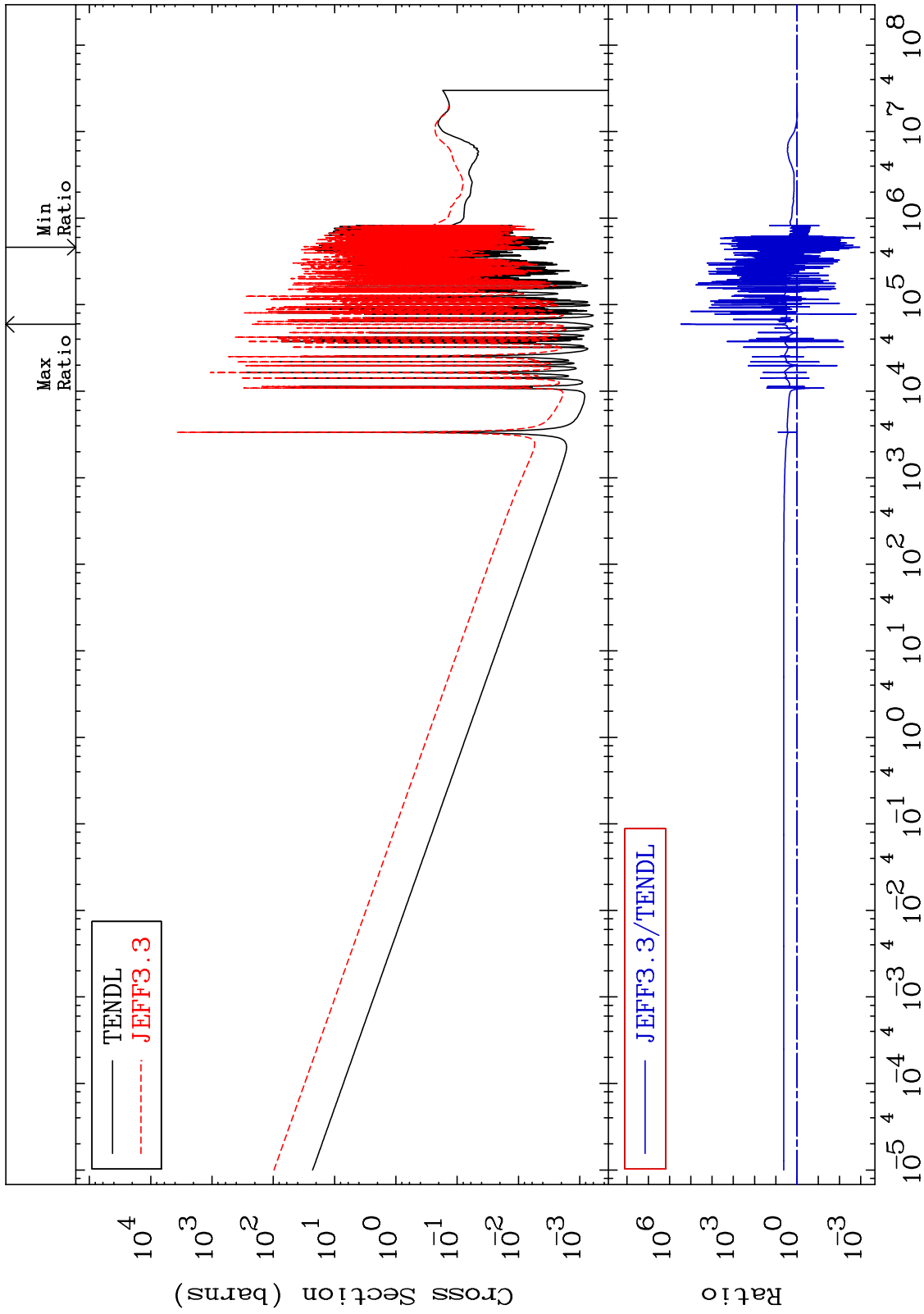
Incident Energy (eV)

82-Pb-206

MAT 8231

Kerma capture (mt102)
Cross Section

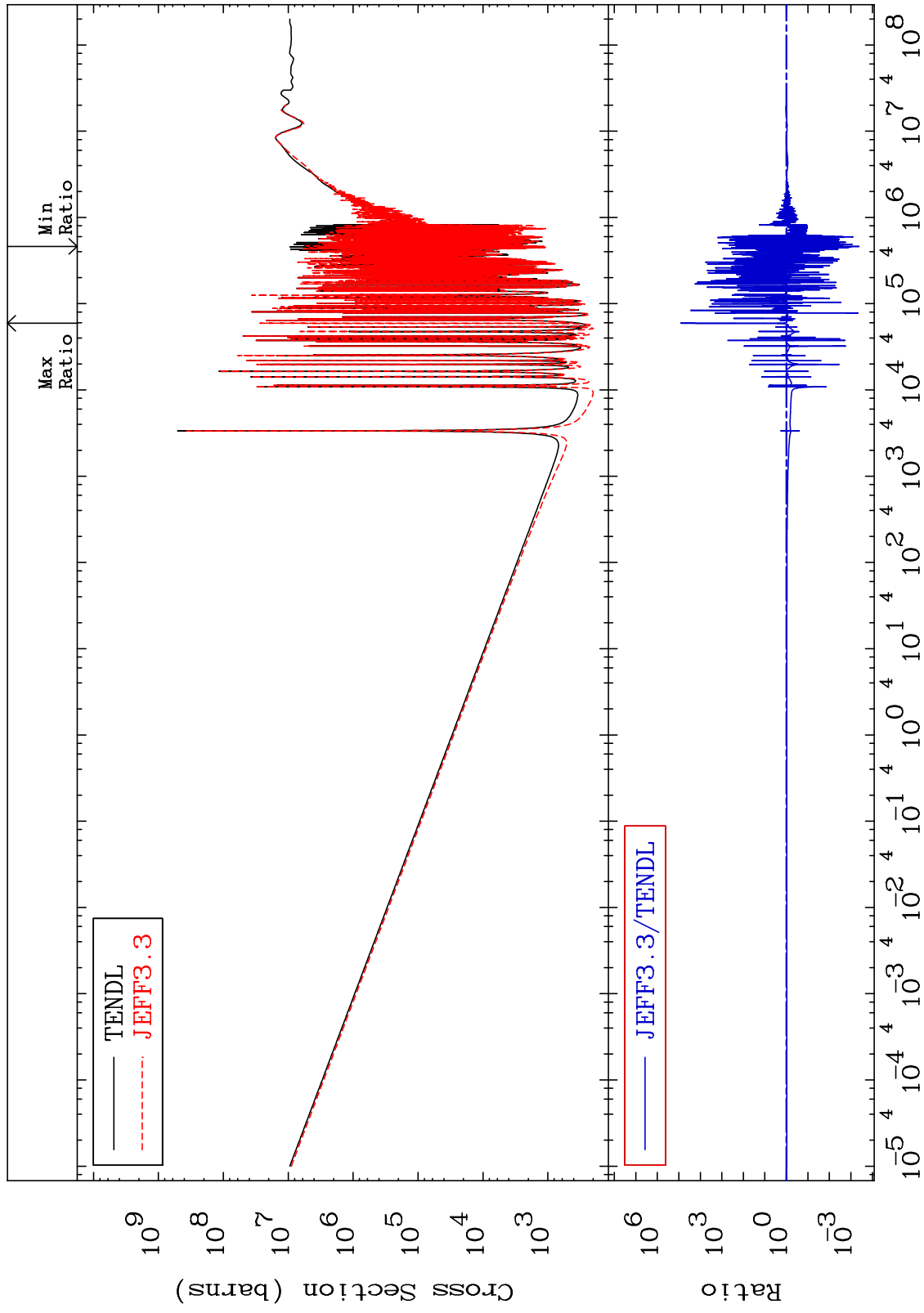
82-Pb-206
-99.89 To 9999. %



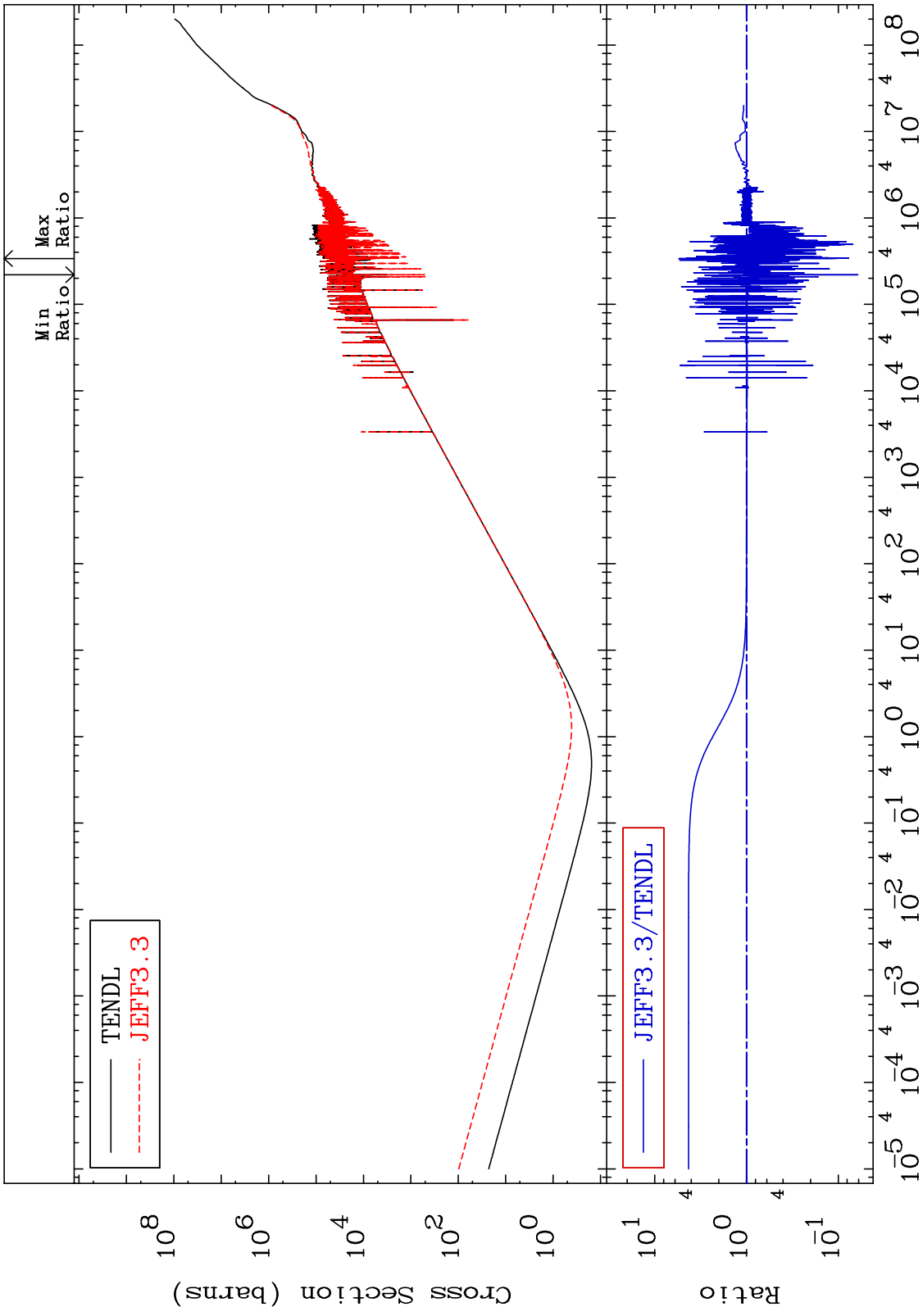
MAT 8231

Total photon (eV-barns)
Cross Section

82-Pb-206
-99.96 To 9999. %



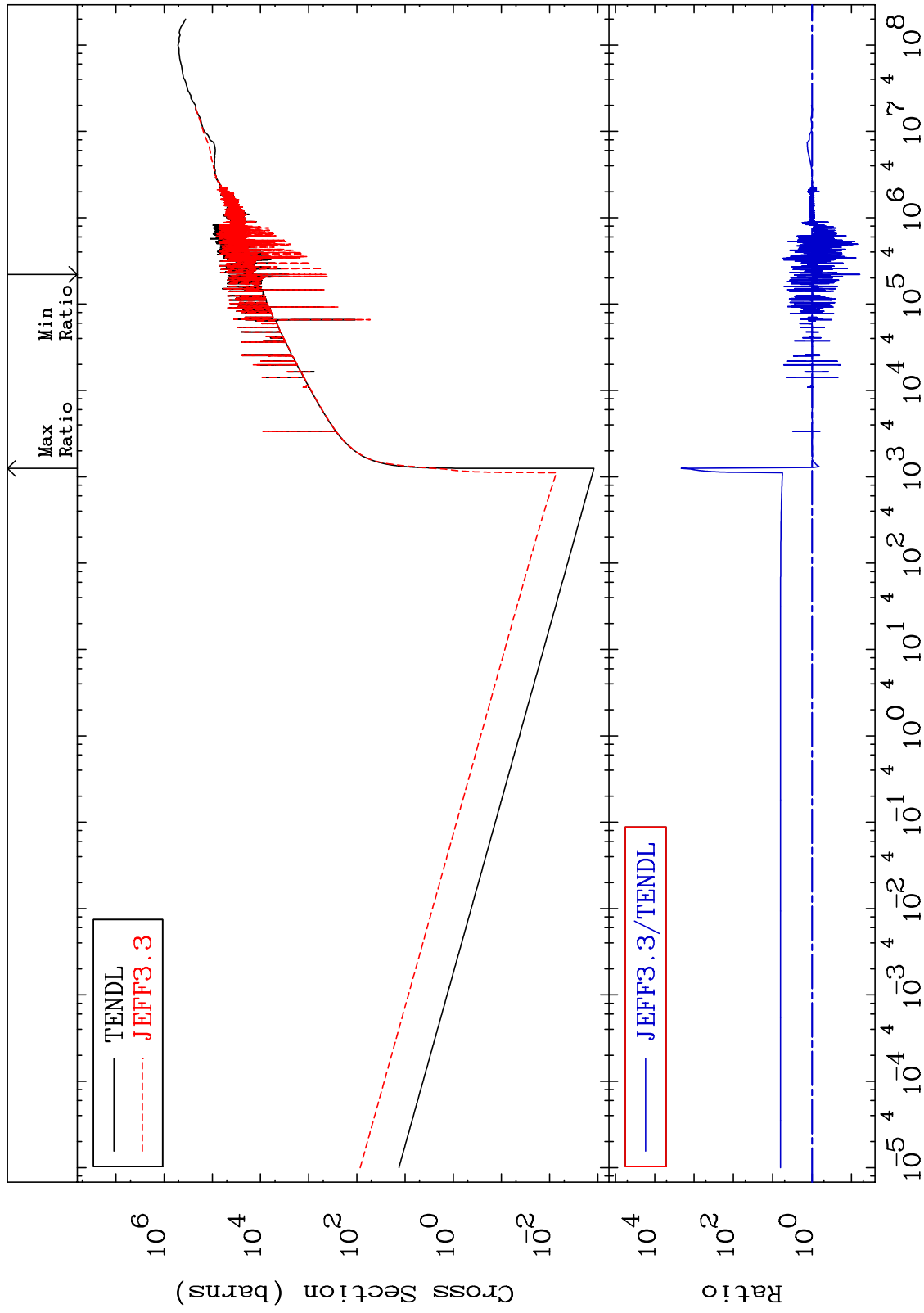
MAT 8231 Total kinematic kerma (high limit) 82-Pb-206
 Cross Section -93.89 To 443.4 %



MAT 8231

Dpa total (eV-barns)
Cross Section

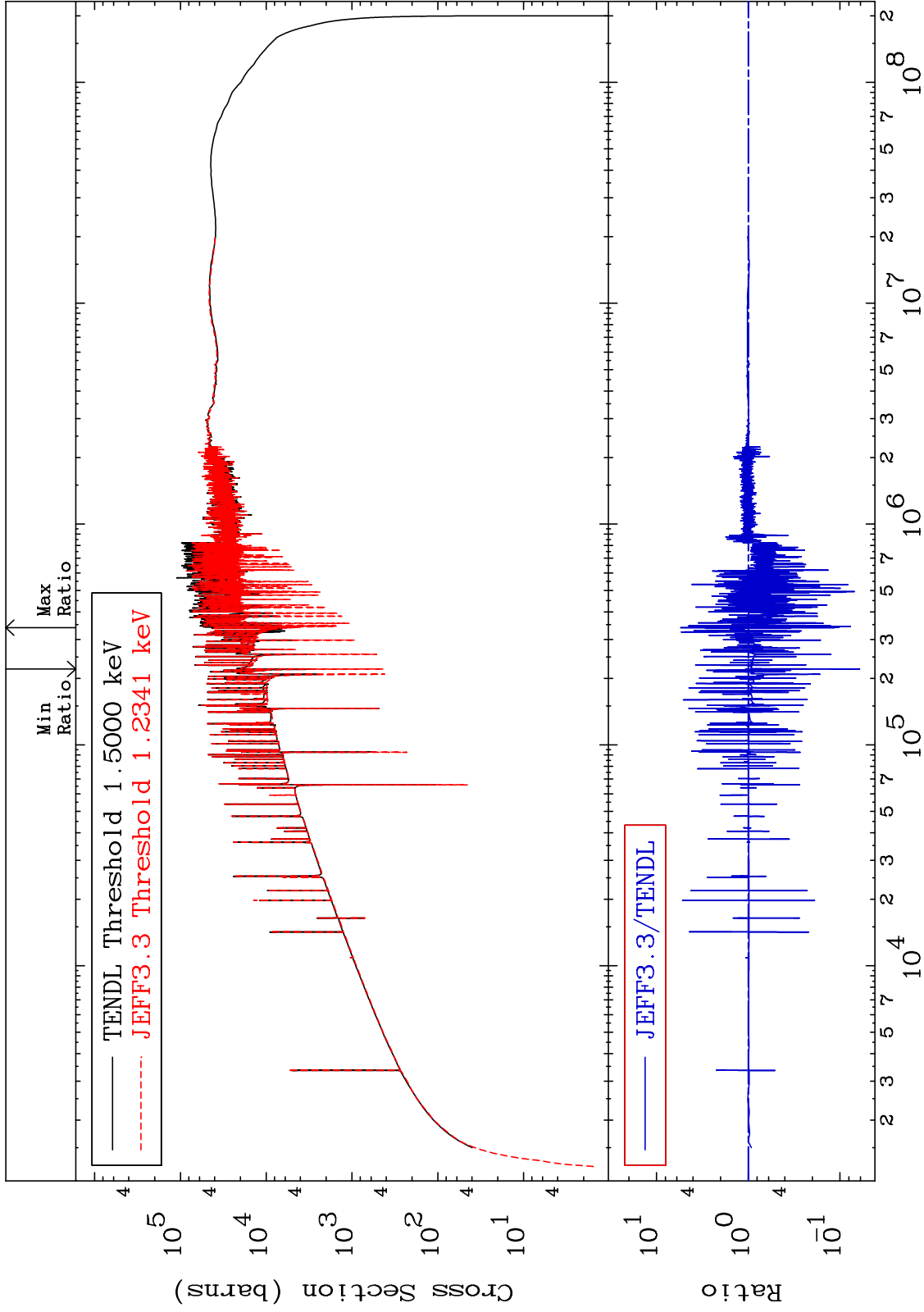
82-Pb-206
-93.89 To 9999. %



MAT 8231

Dpa elastic (mt2)
Cross Section

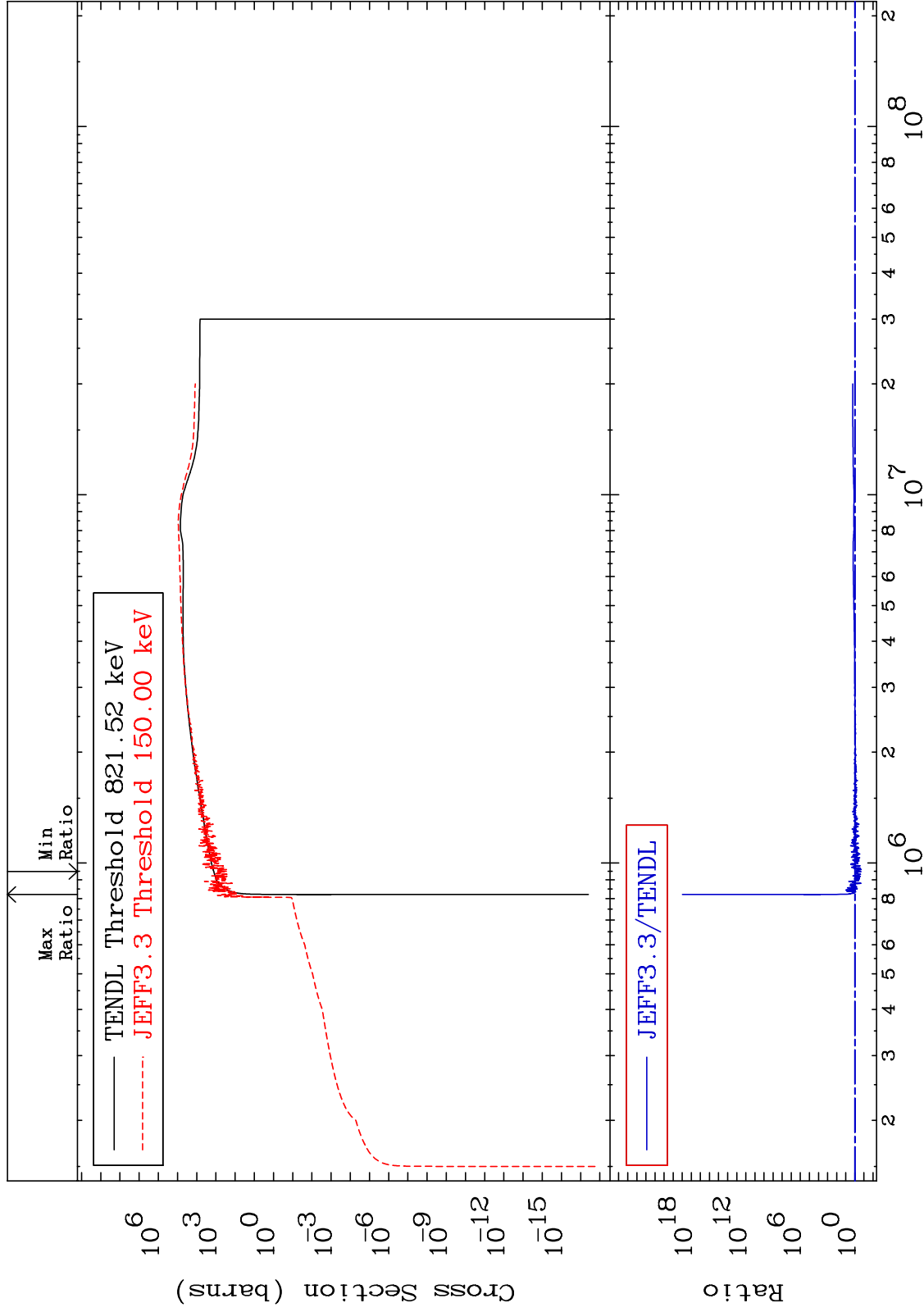
82-Pb-206
-93.89 To 443.3 %



MAT 8231

Dpa inelastic (mt51-91)
Cross Section

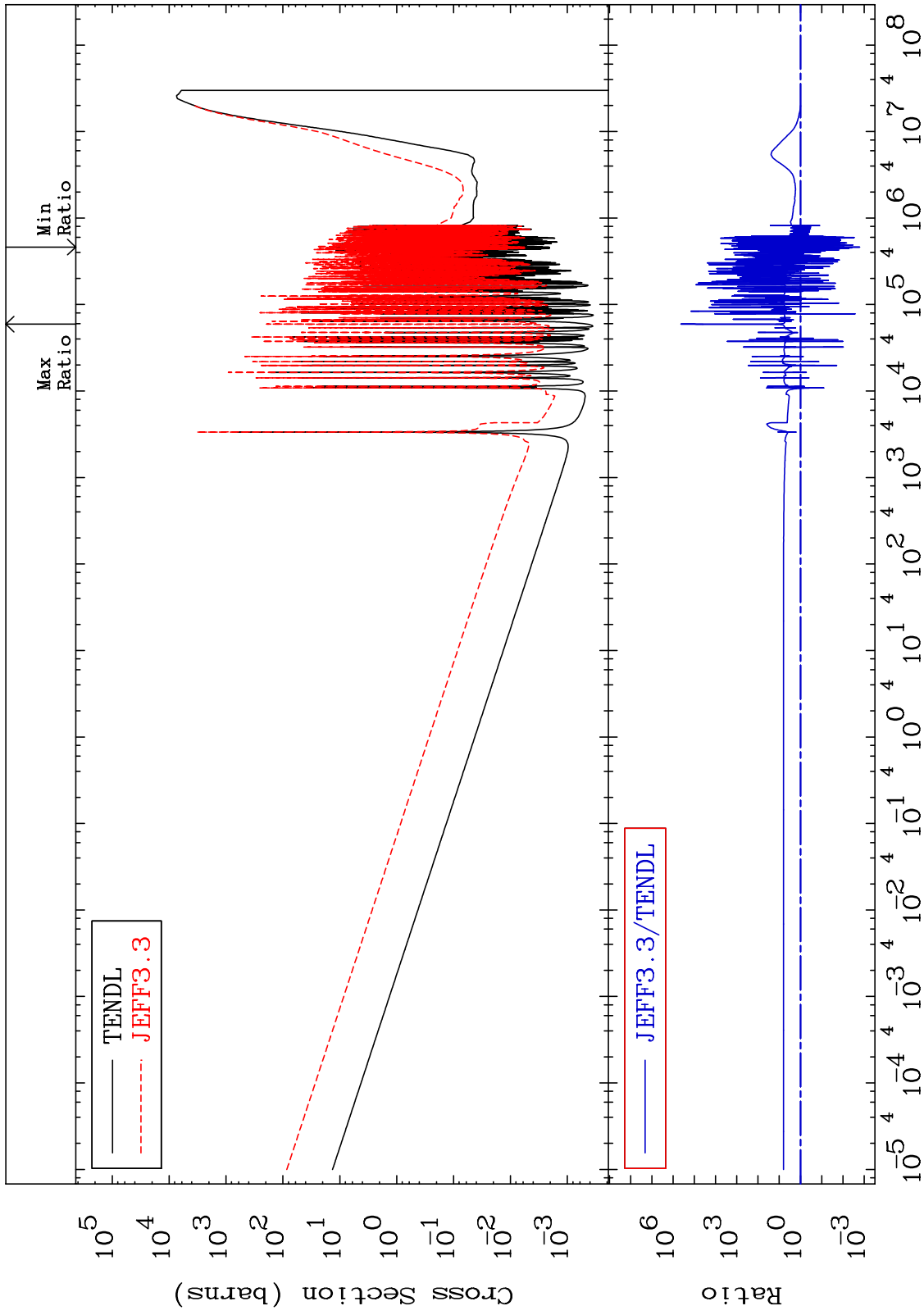
82-Pb-206
-80.39 To 9999. %

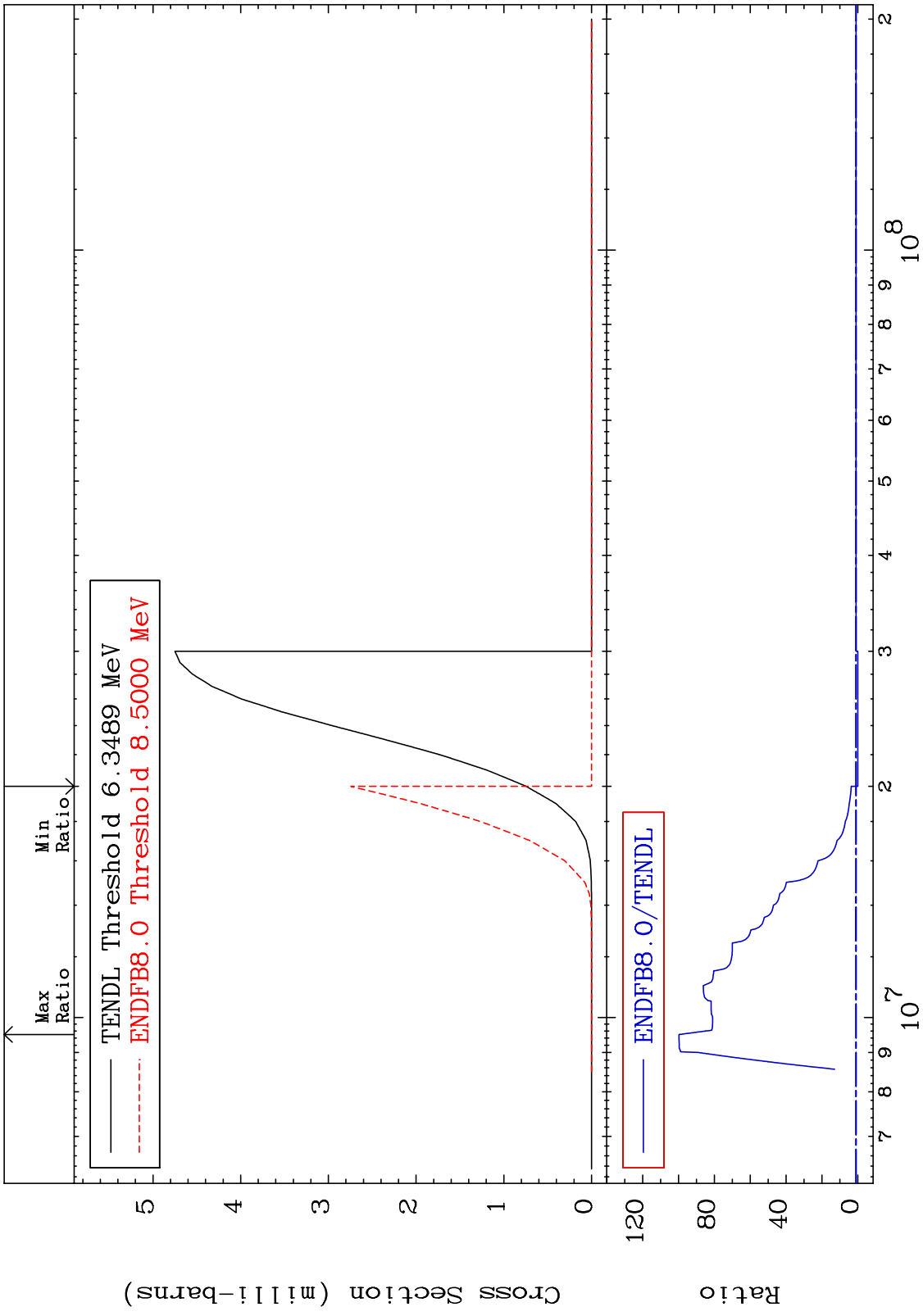


MAT 8231

Dpa disappearance (mt102 -120)
Cross Section

82-Pb-206
-99.84 To 9999. %





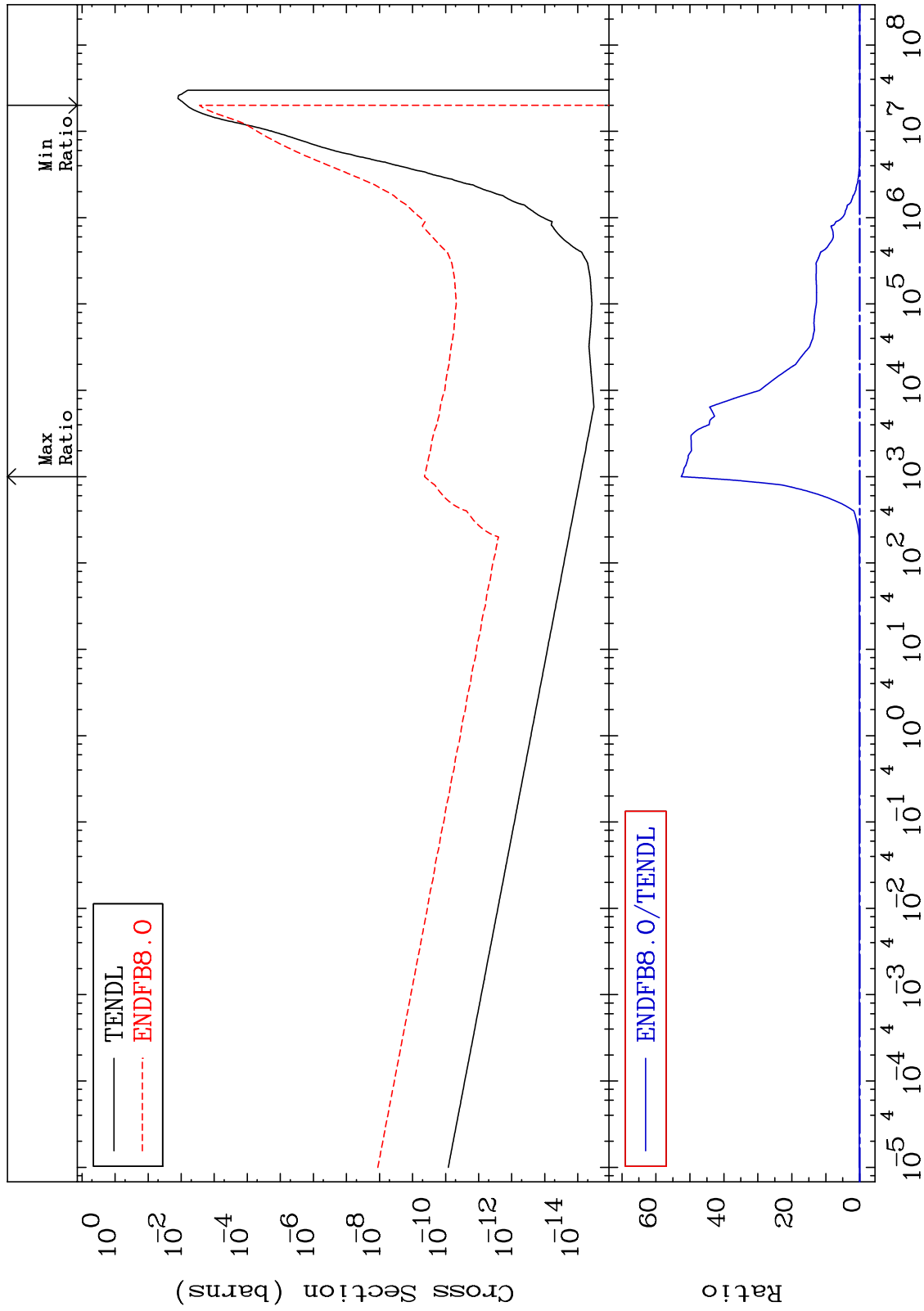
MAT 8231

(n, α)

82-Pb-206

Cross Section

-100.0 To 9999. %



43

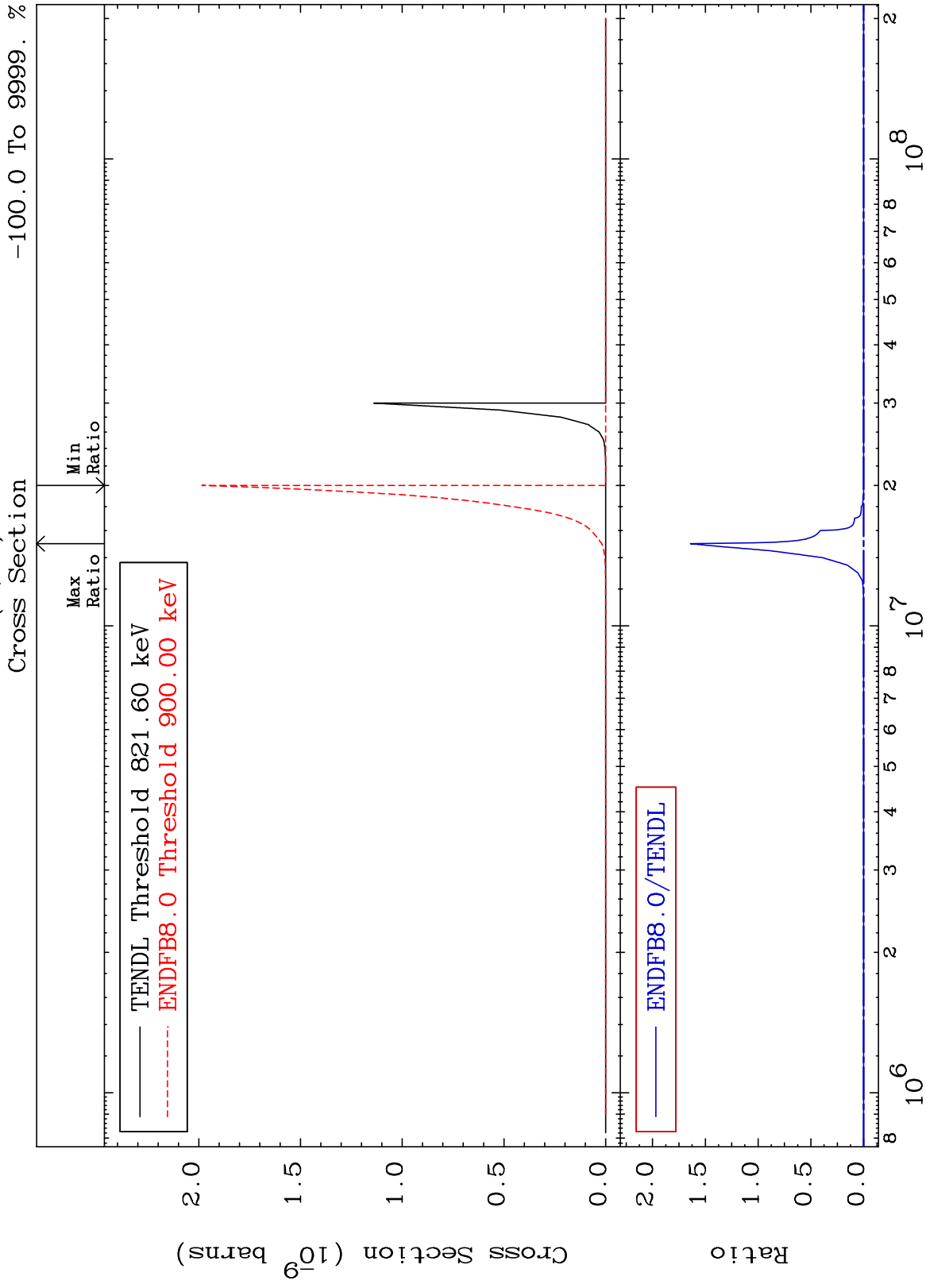
82-Pb-206

MAT 8231

(n,2α)

82-Pb-206

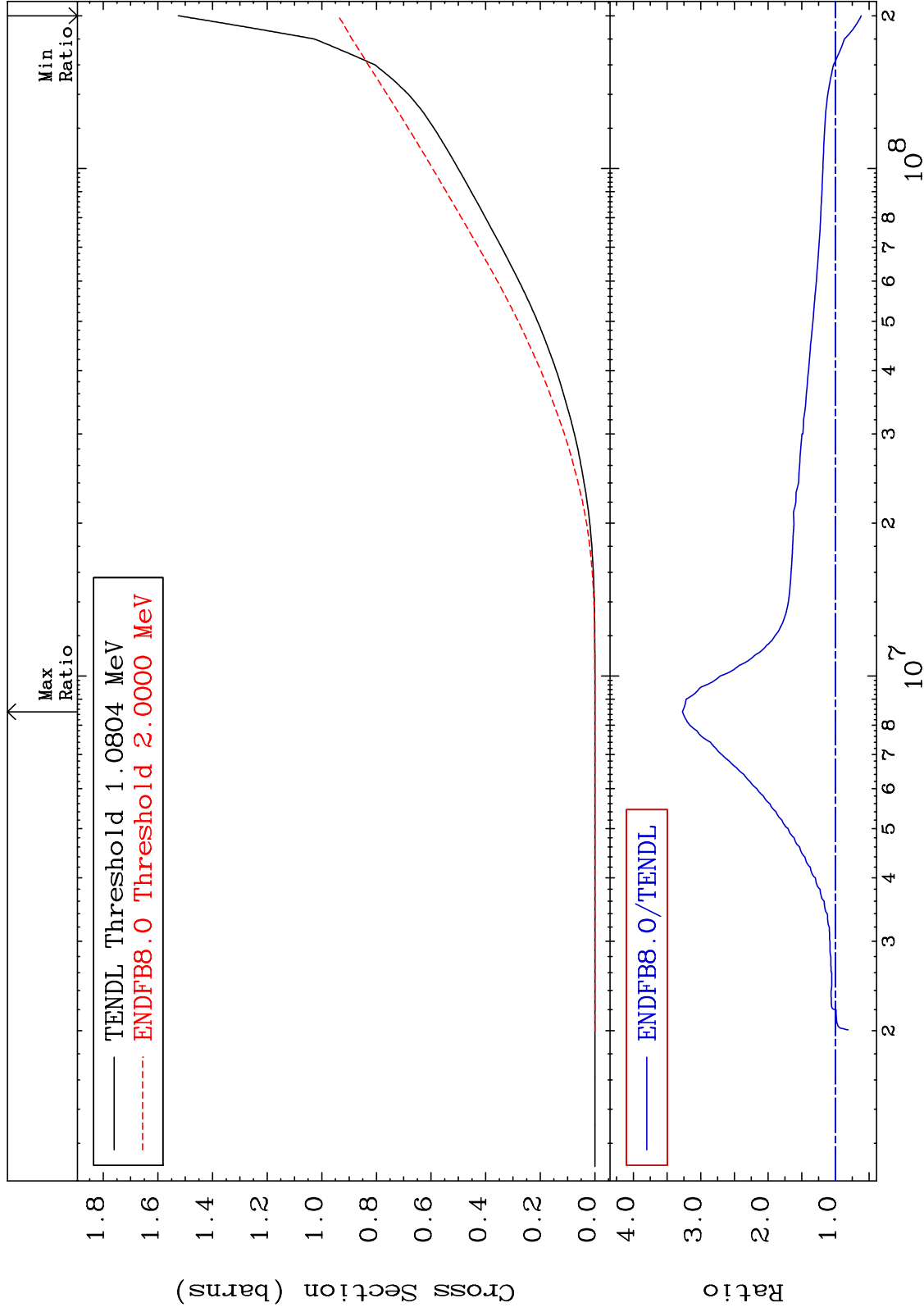
-100.0 To 9999. %



MAT 8231

Hydrogen Production
Cross Section

82-Pb-206
-38.40 To 227.2 %



45

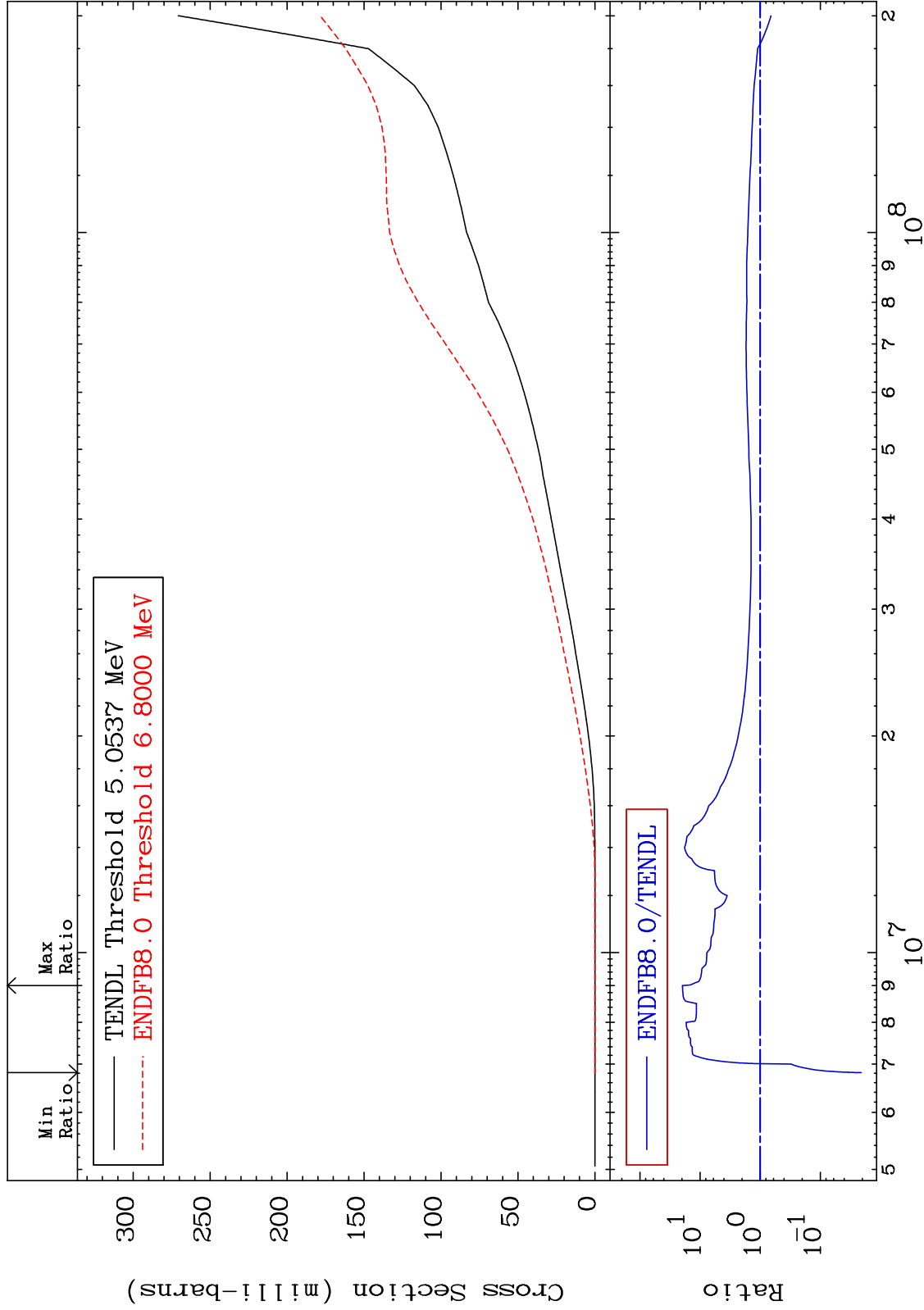
Incident Energy (eV)

82-Pb-206

MAT 8231

Deuterium Production
Cross Section

82-Pb-206
-97.92 To 1860. %



46

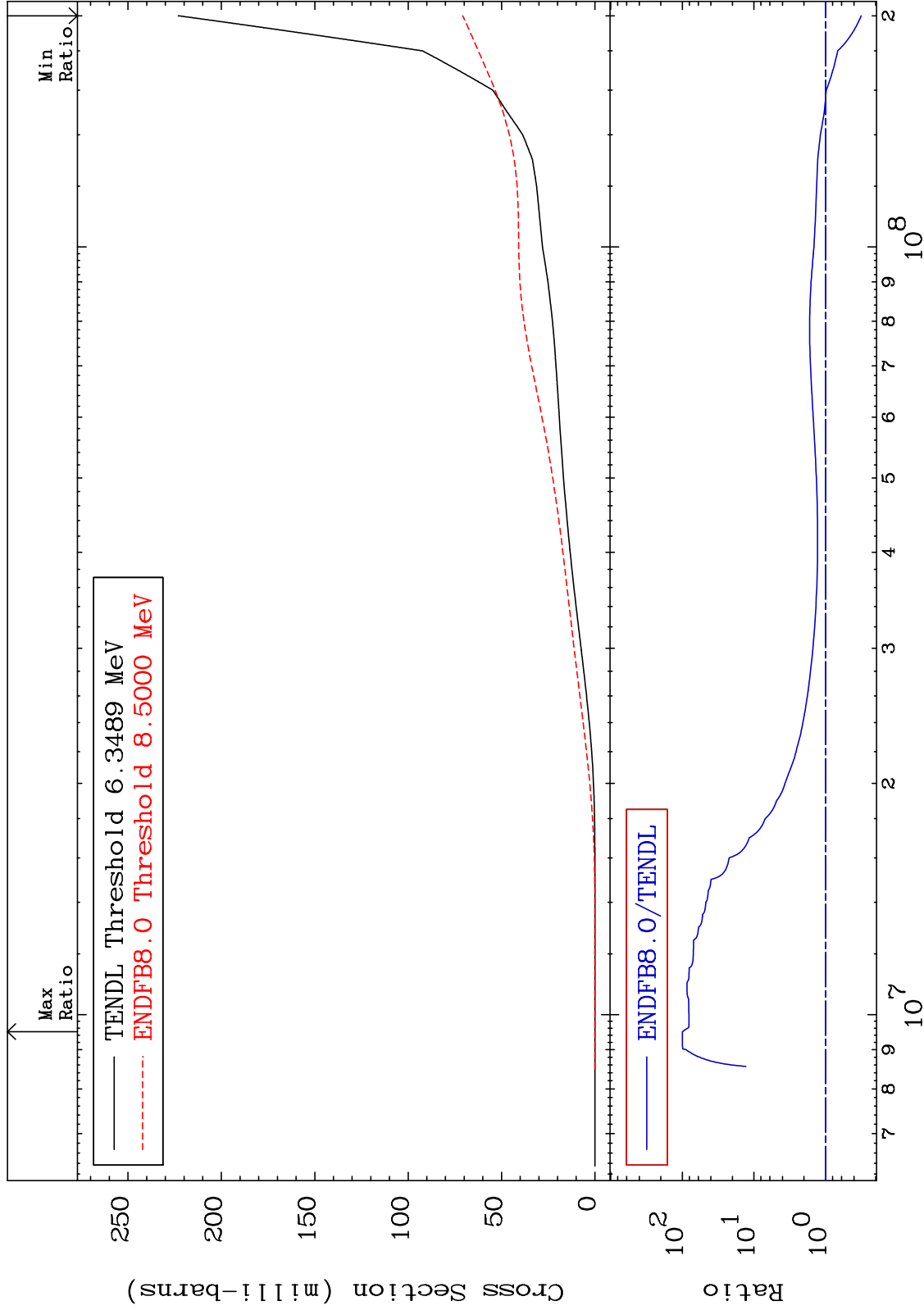
Incident Energy (eV)

82-Pb-206

MAT 8231

Tritium Production
Cross Section

82-Pb-206
-68.28 To 9869. %



47

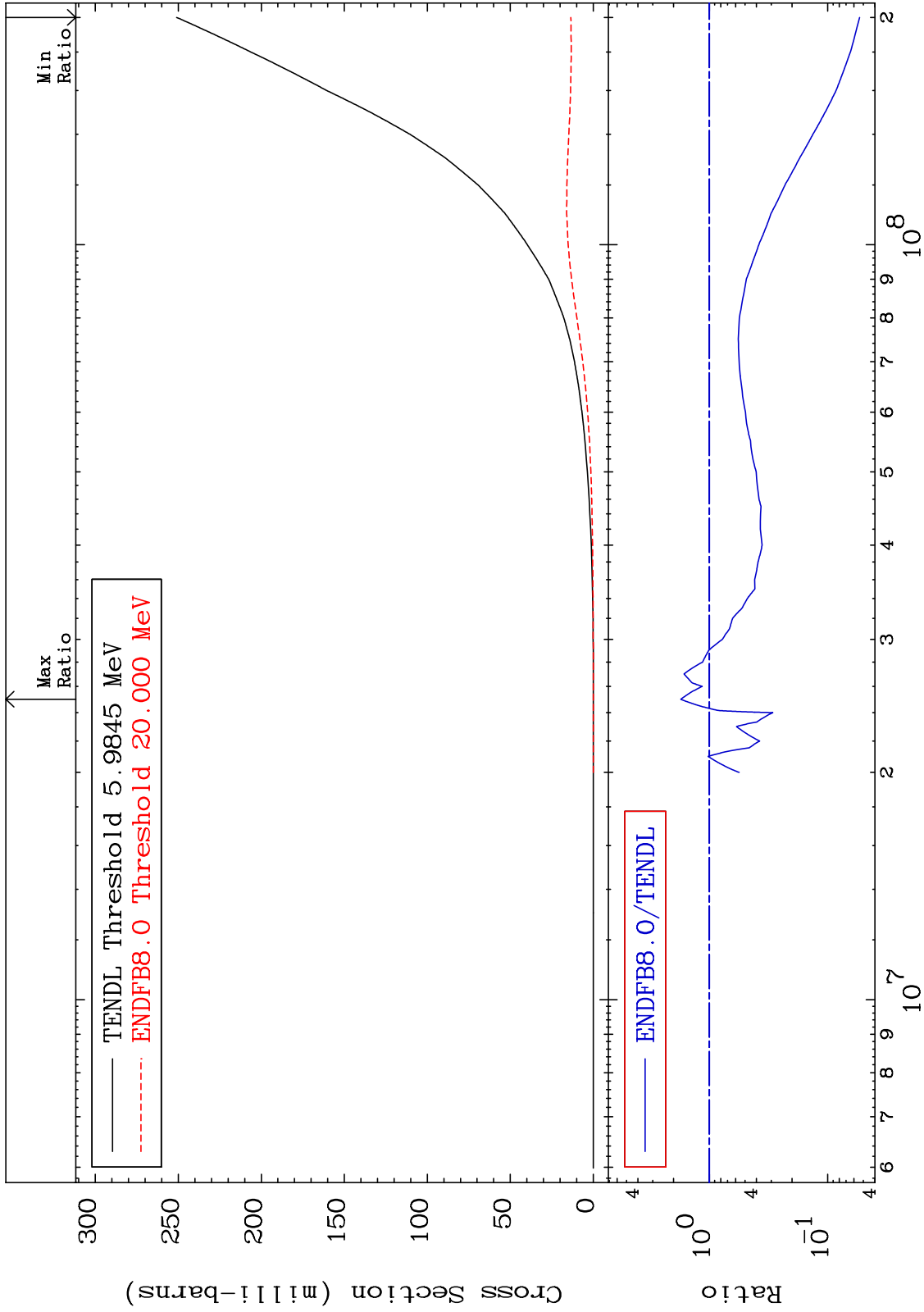
Incident Energy (eV)

82-Pb-206

MAT 8231

He-3 Production
Cross Section

82-Pb-206
-94.63 To 73.95 %



48

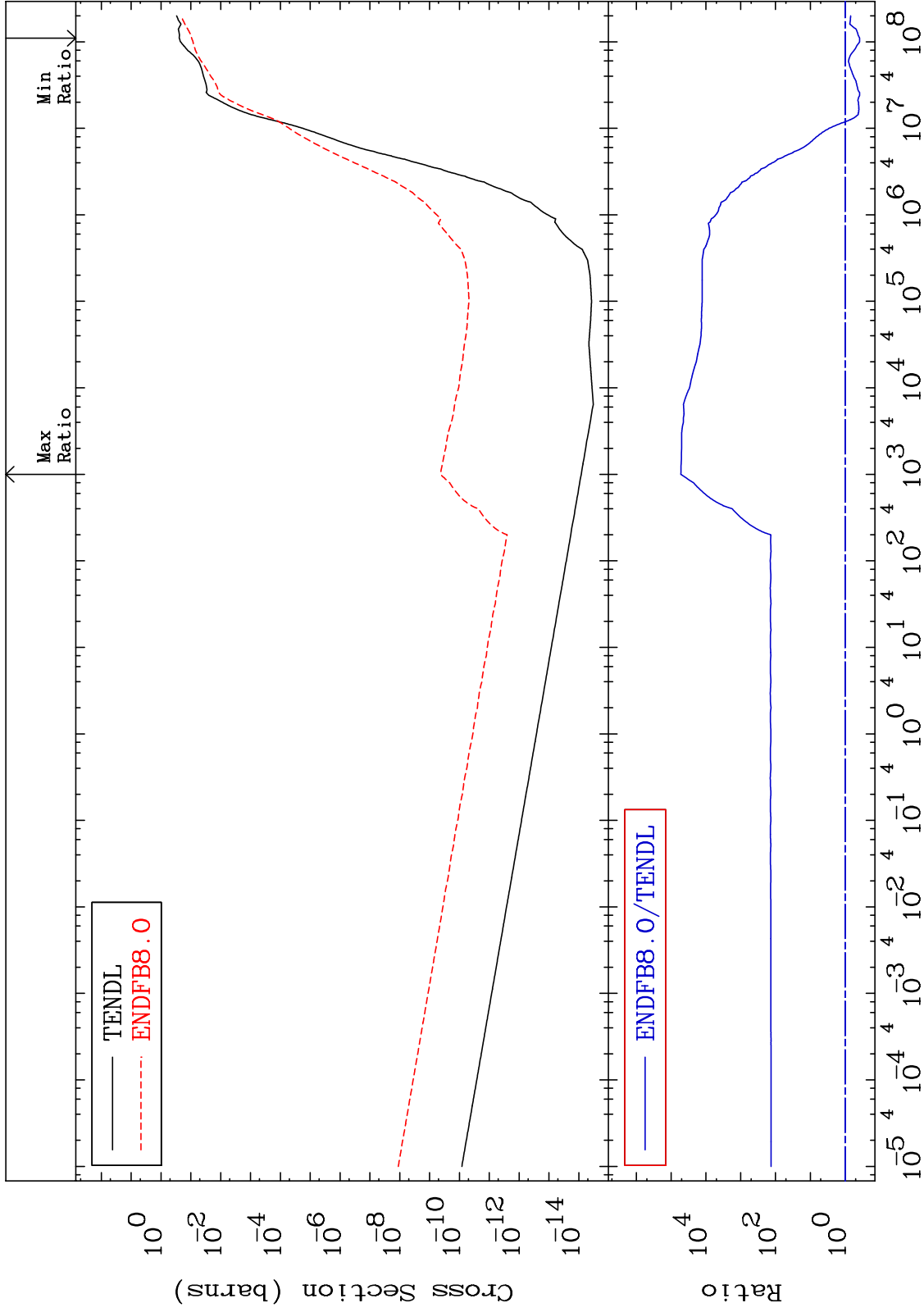
Incident Energy (eV)

82-Pb-206

MAT 8231

He-4 Production
Cross Section

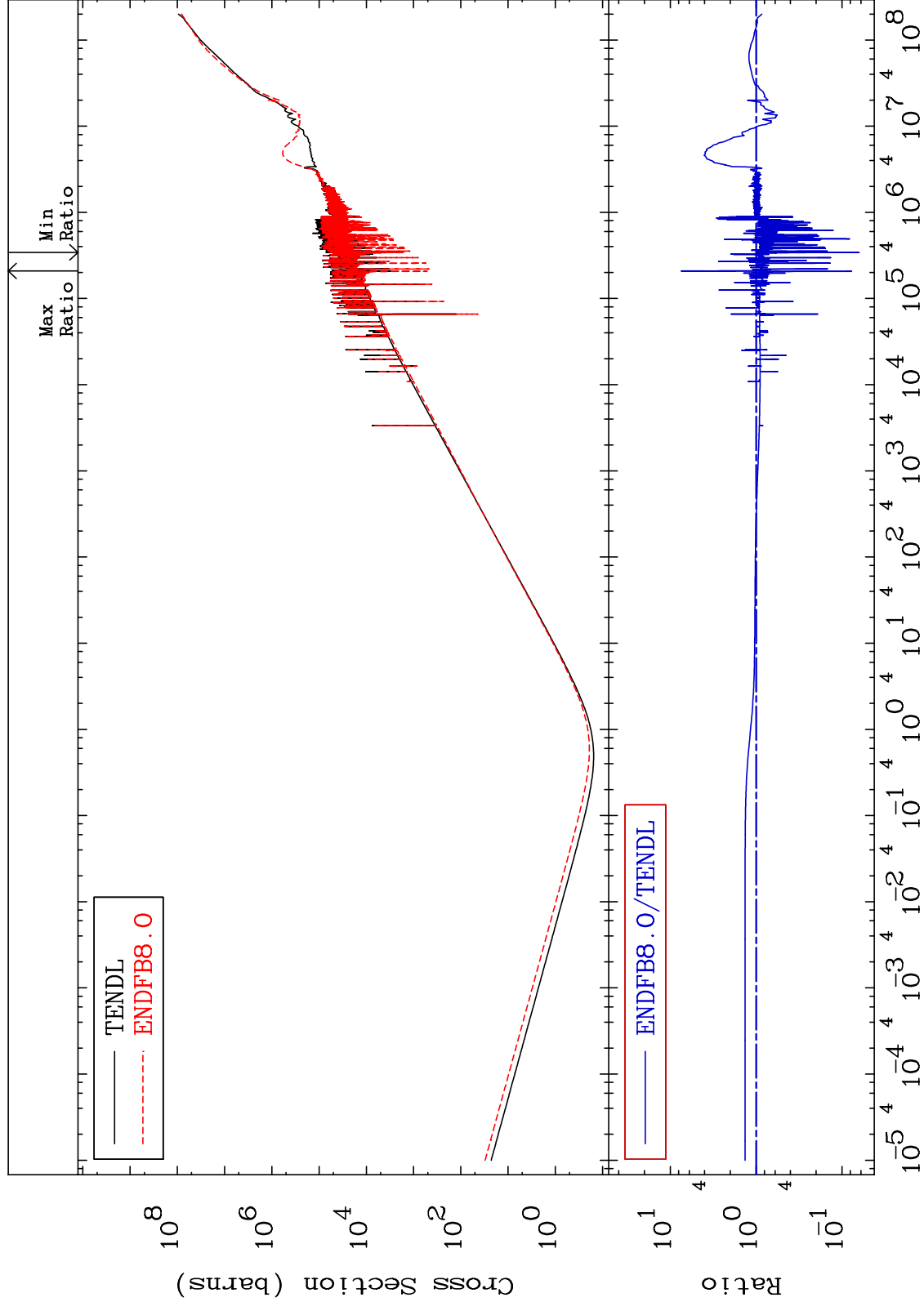
82-Pb-206
-61.79 To 9999. %



MAT 8231

Kerma total (eV-barns)
Cross Section

82-Pb-206
-93.67 To 653.0 %



50

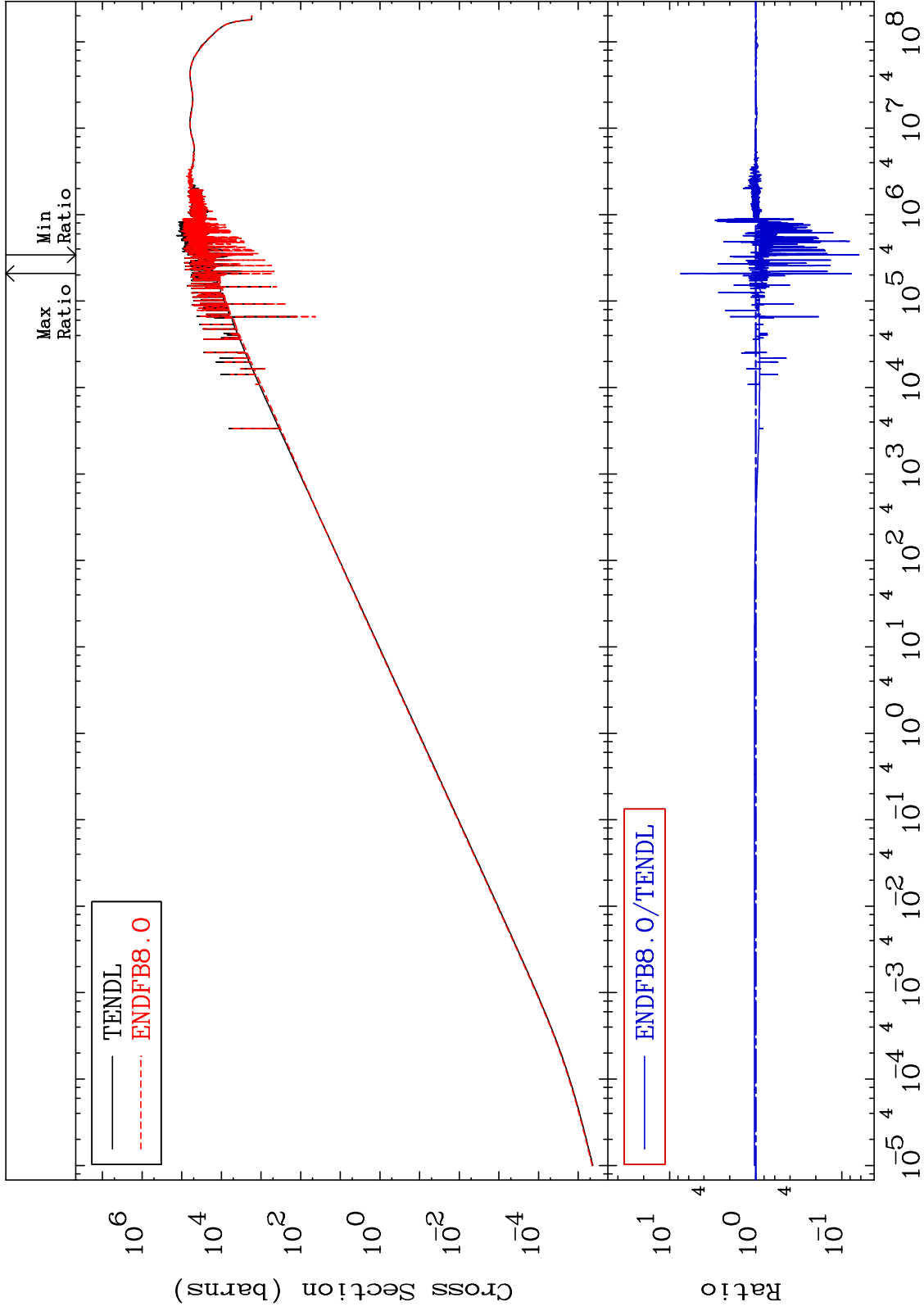
Incident Energy (eV)

82-Pb-206

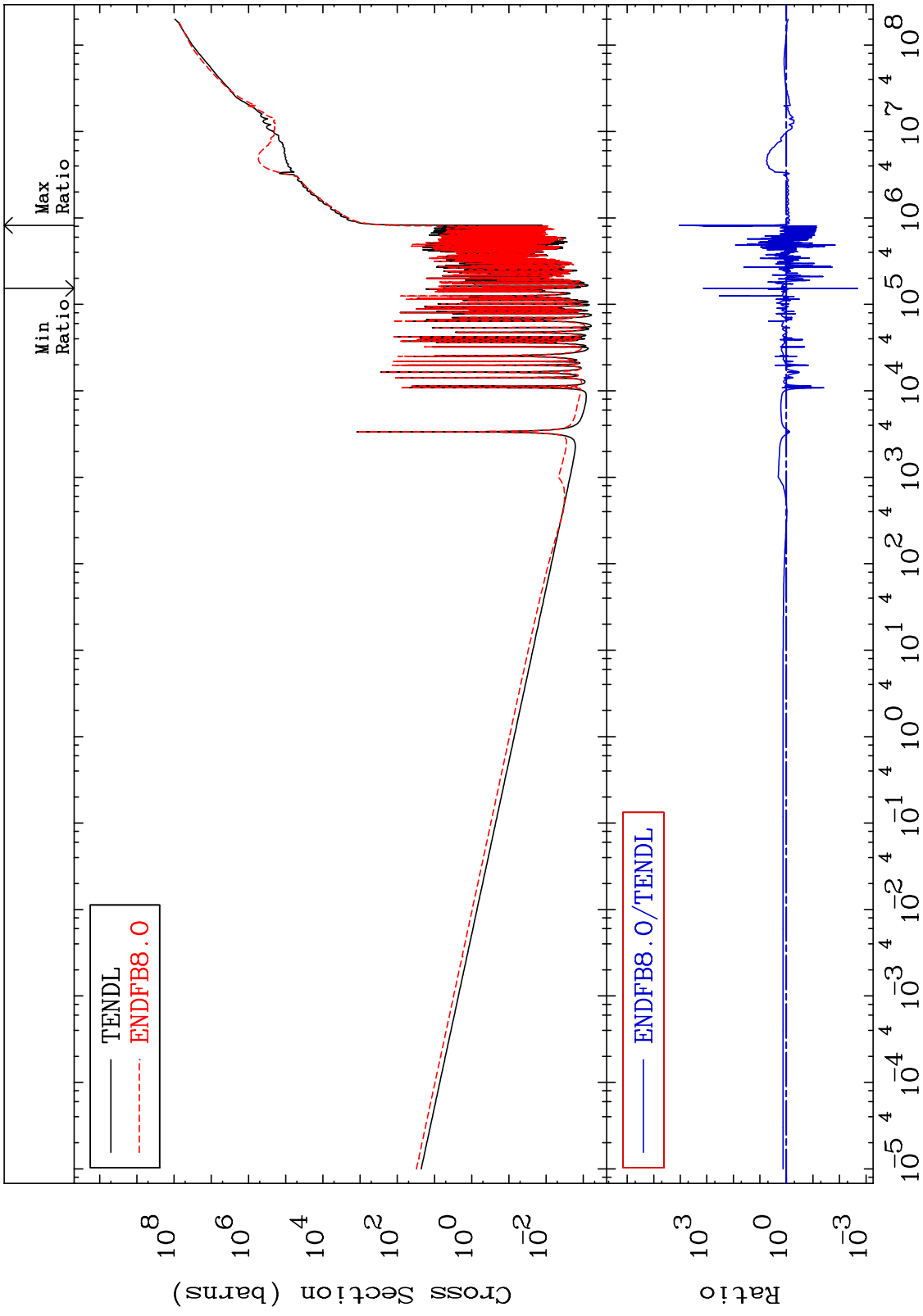
MAT 8231

Kerma elastic
Cross Section

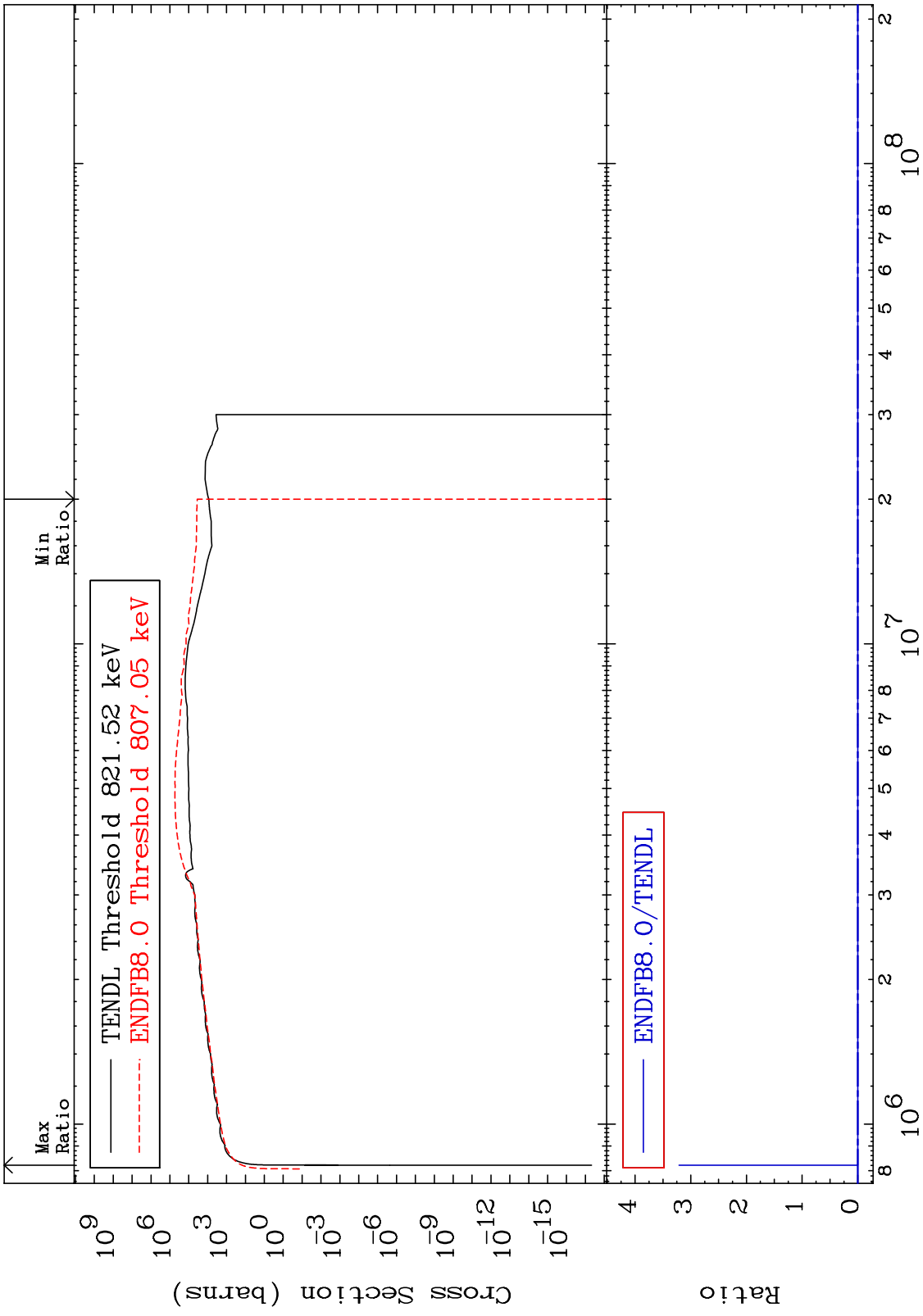
82-Pb-206
-93.67 To 653.0 %



MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206
 Cross Section -99.80 To 9999. %



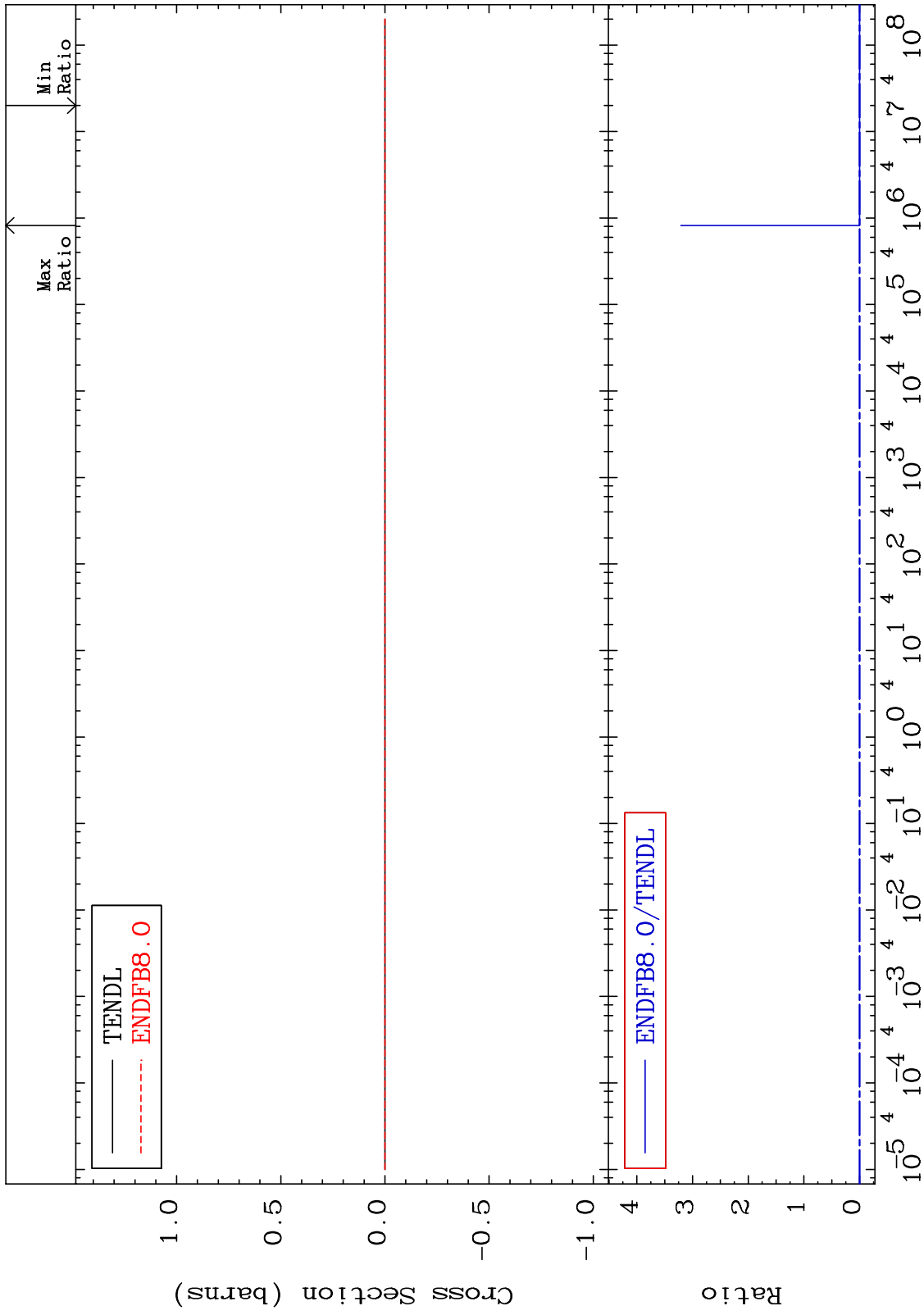
MAT 8231 Kerma inelastic (mt51-91) 82-Pb-206
 -100.0 To 9999. %
 Cross Section



MAT 8231

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

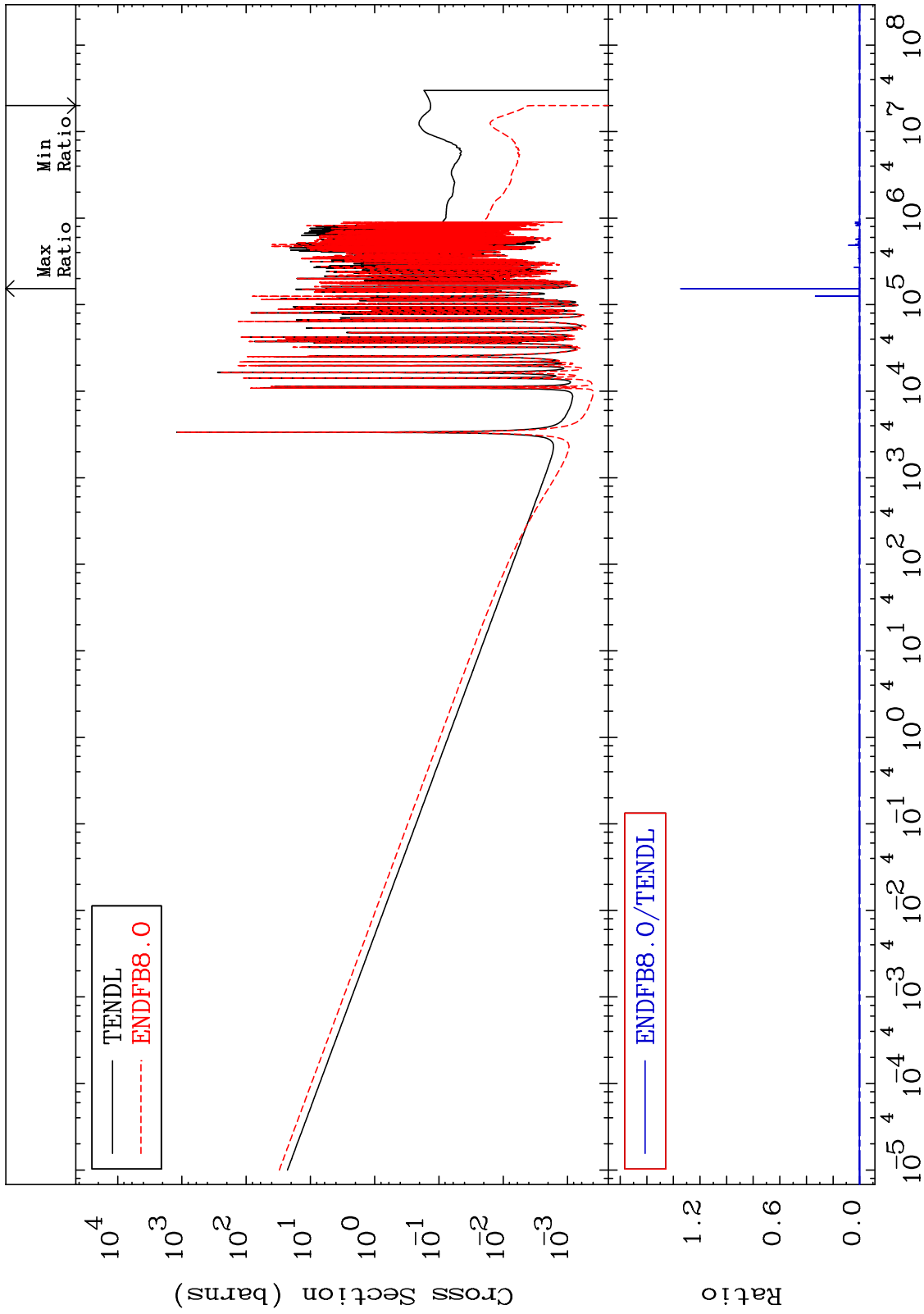
82-Pb-206
-100.0 To 9999. %



MAT 8231

Kerma capture (mt102)
Cross Section

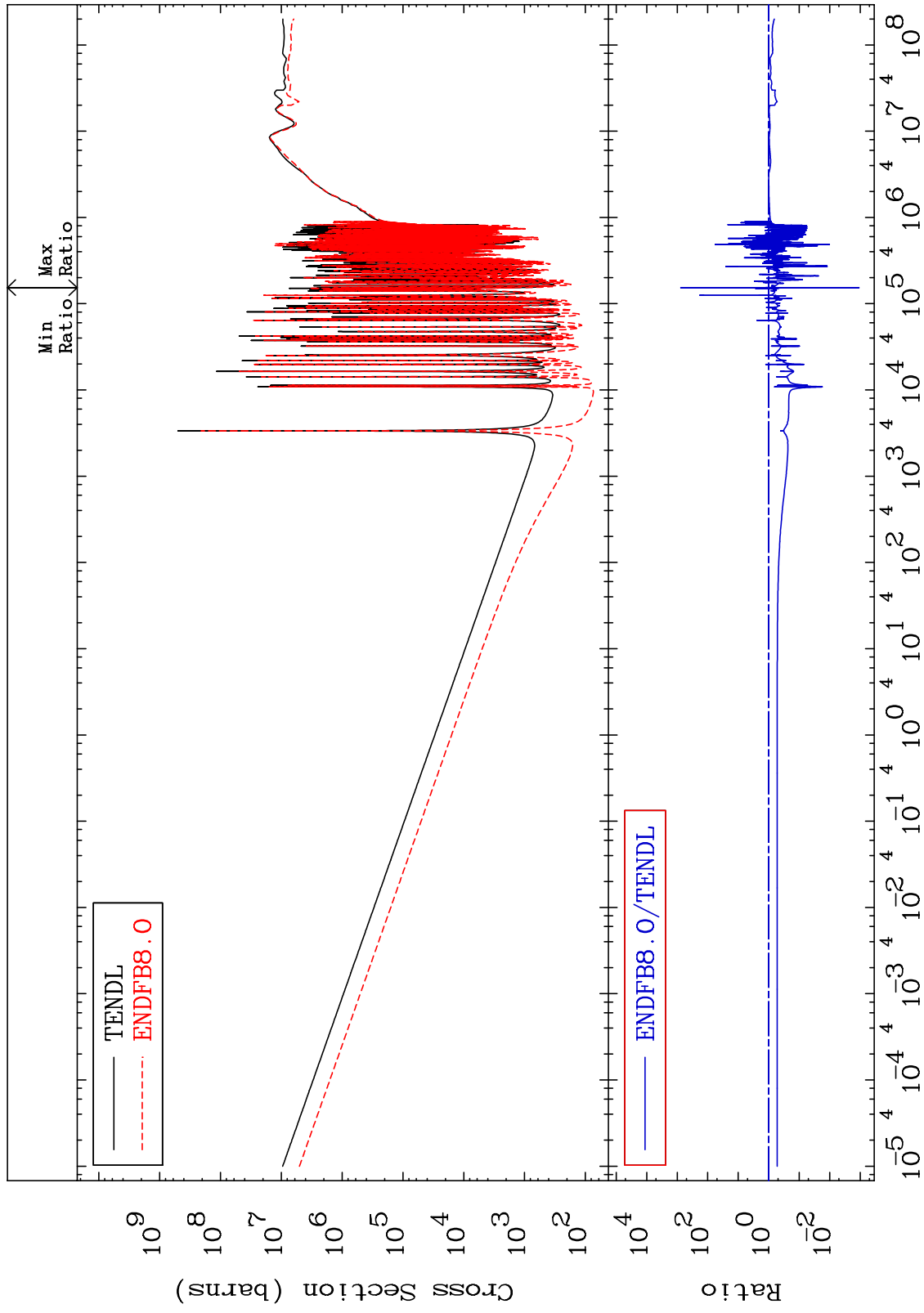
82-Pb-206
-100.0 To 9999. %



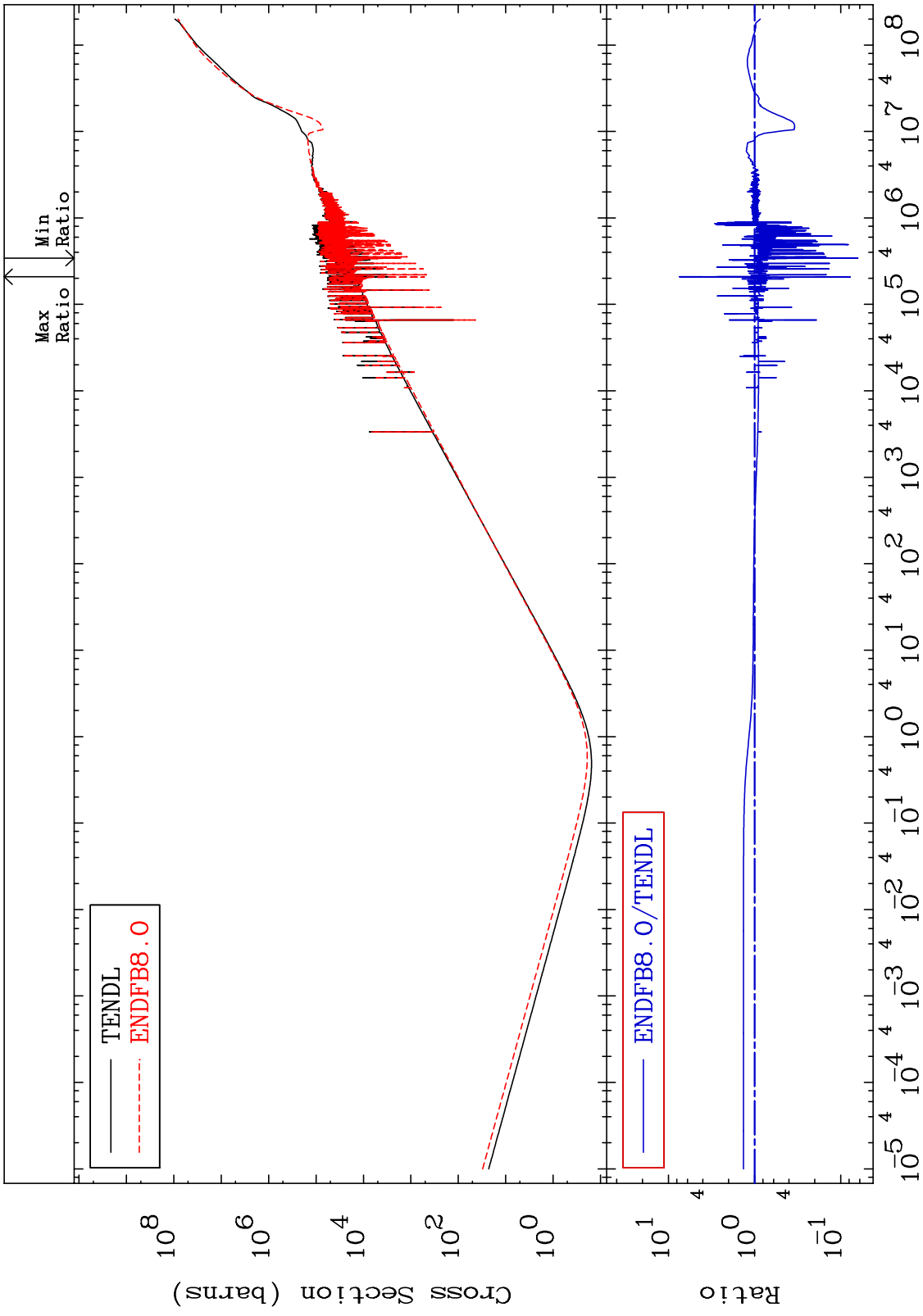
MAT 8231

Total photon (eV-barns)
Cross Section

82-Pb-206
-99.89 To 9999. %



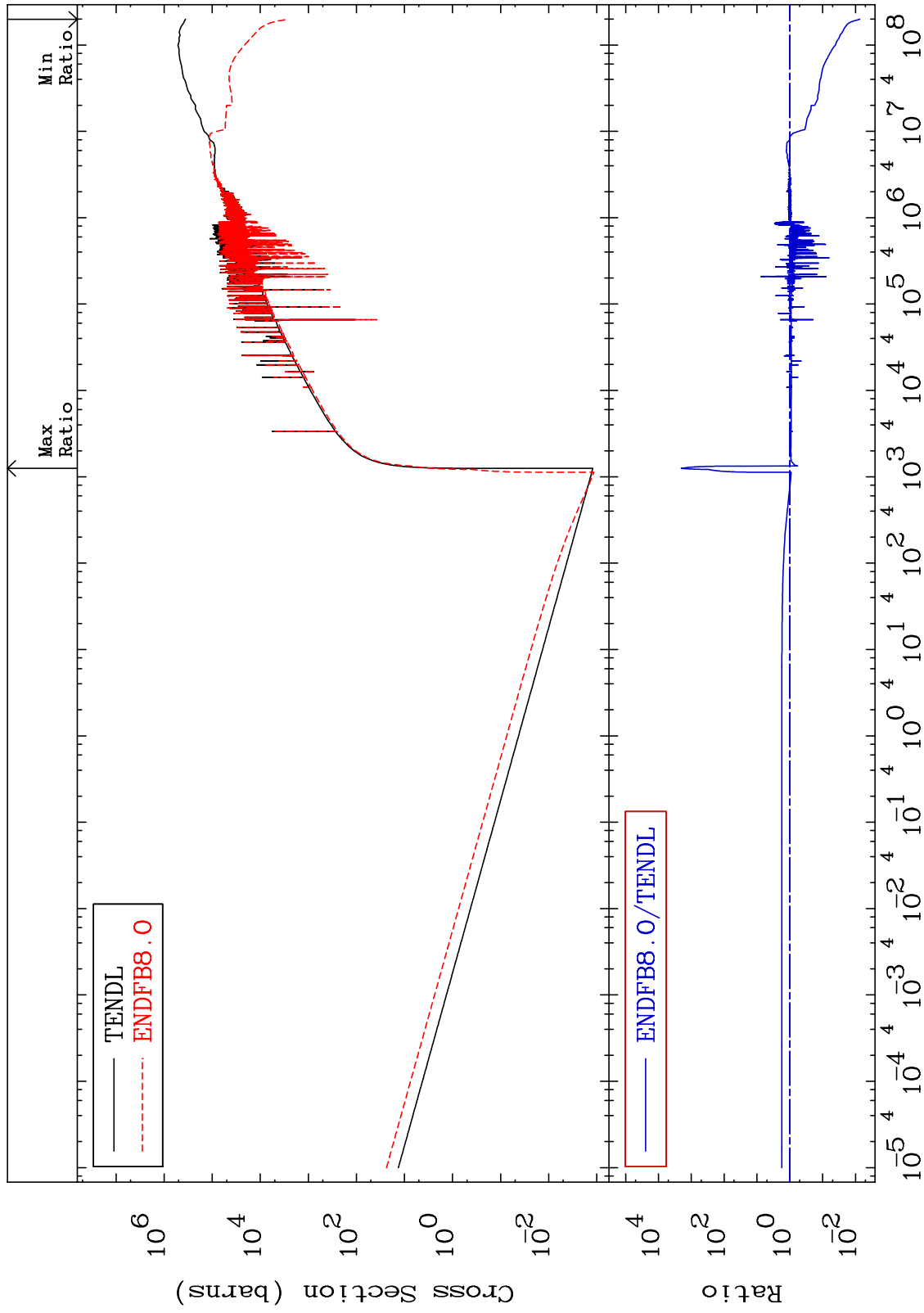
MAT 8231 Total kinematic kerma (high limit) 82-Pb-206
 Cross Section -93.67 To 653.0 %



MAT 8231

Dpa total (eV-barns)
Cross Section

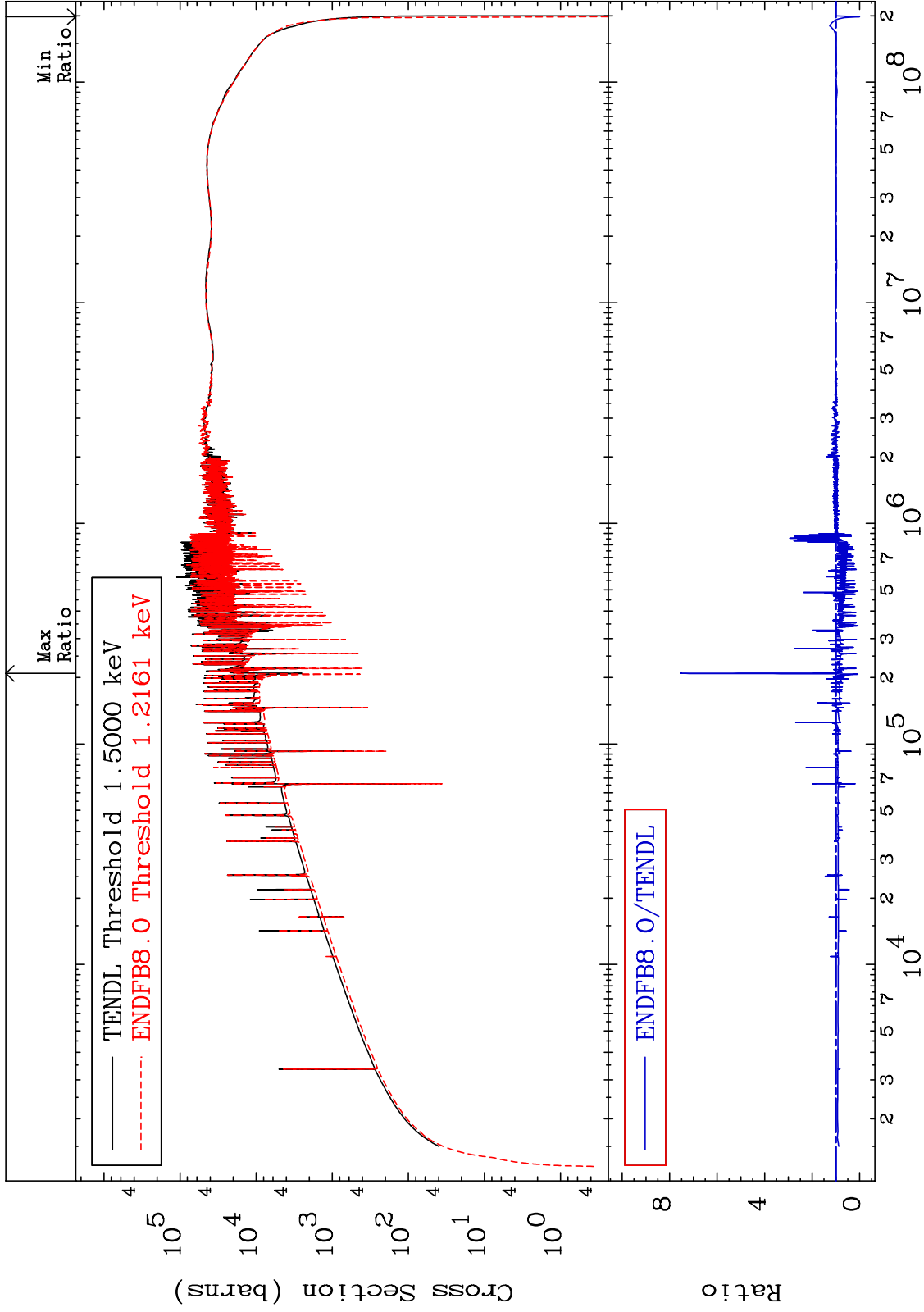
82-Pb-206
-99.26 To 9999. %



MAT 8231

Dpa elastic (mt2)
Cross Section

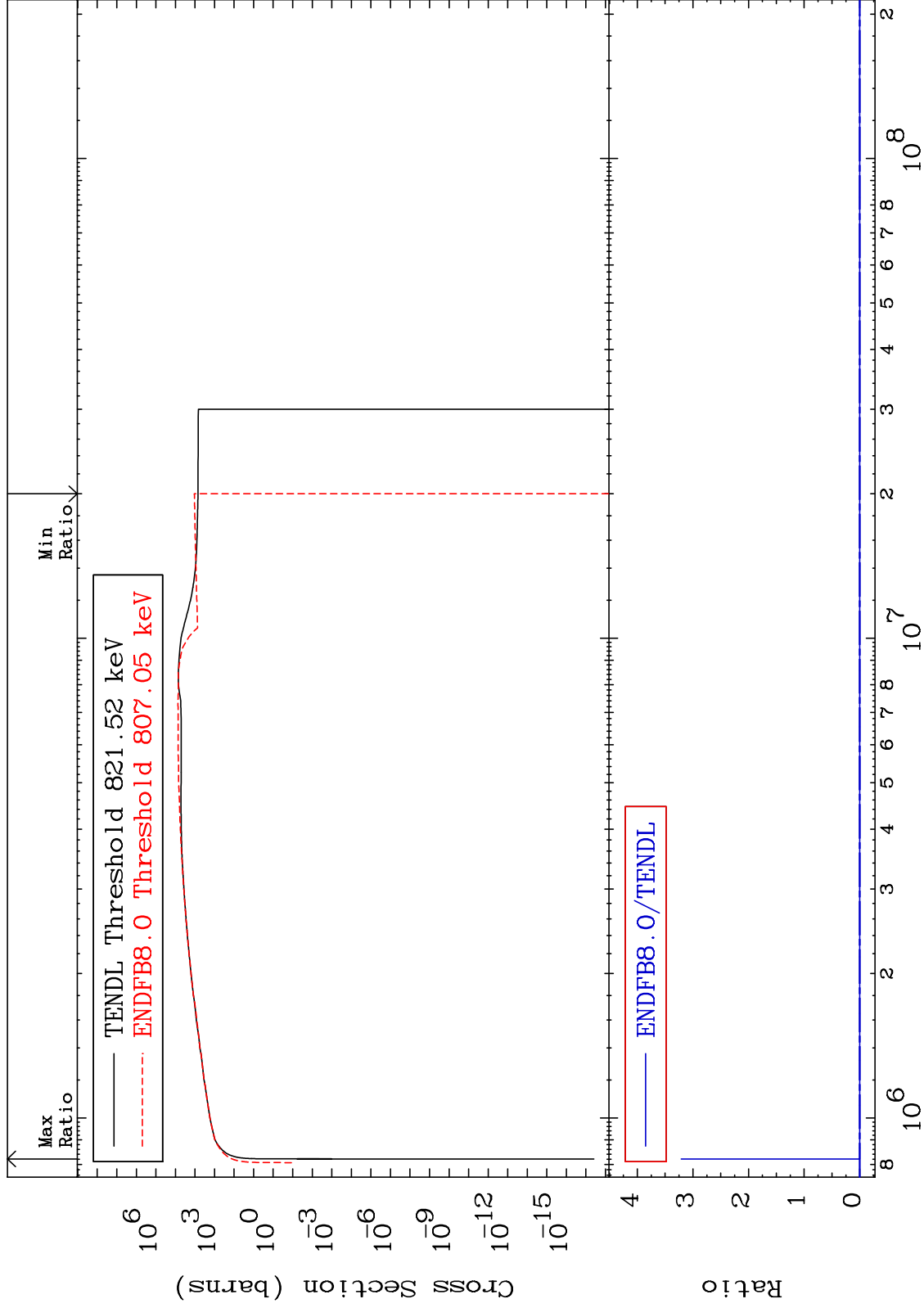
82-Pb-206
-100.0 To 653.0 %



MAT 8231

Dpa inelastic (mt51-91)
Cross Section

82-Pb-206
-100.0 To 9999. %



60

Incident Energy (eV)

82-Pb-206

MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206
 Cross Section -100.0 To 9999. %

