

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

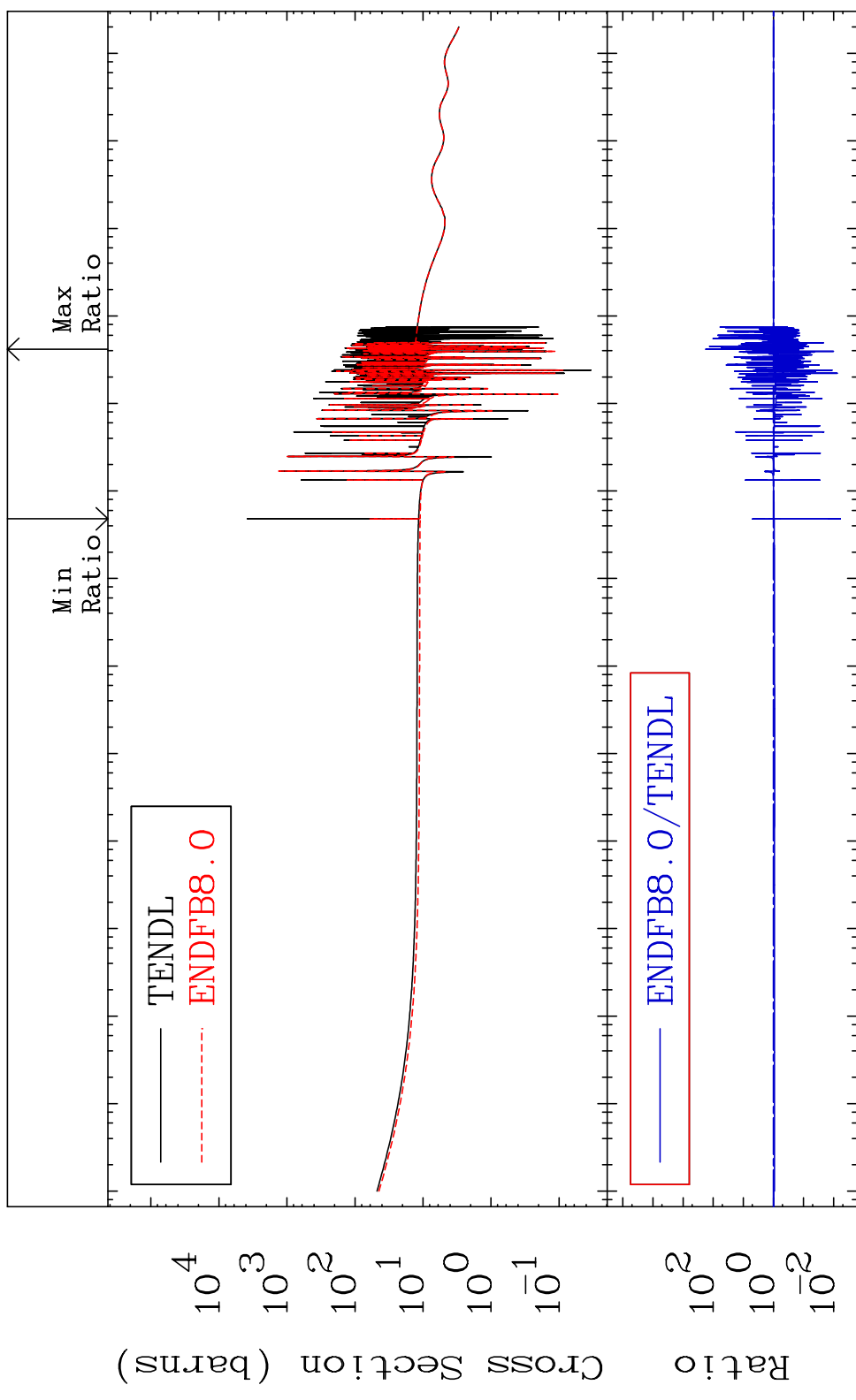
MAT 8225

Total

82-Pb-204

Cross Section

-99.40 To 9999. %



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

1

Incident Energy (eV)

82-Pb-204

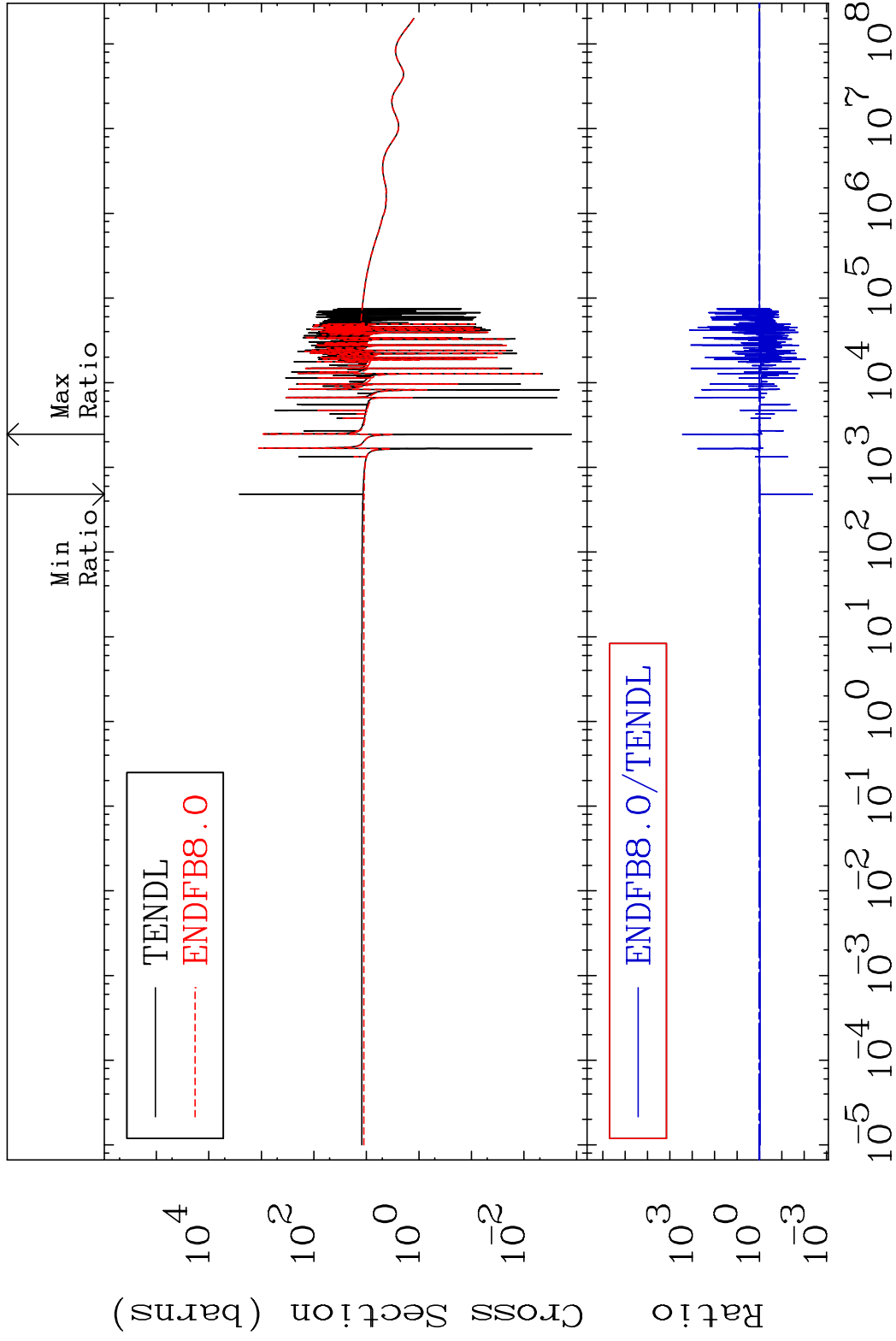
MAT 8225

Elastic

82-Pb-204

Cross Section

-99.58 To 9999. %



2

Incident Energy (eV)

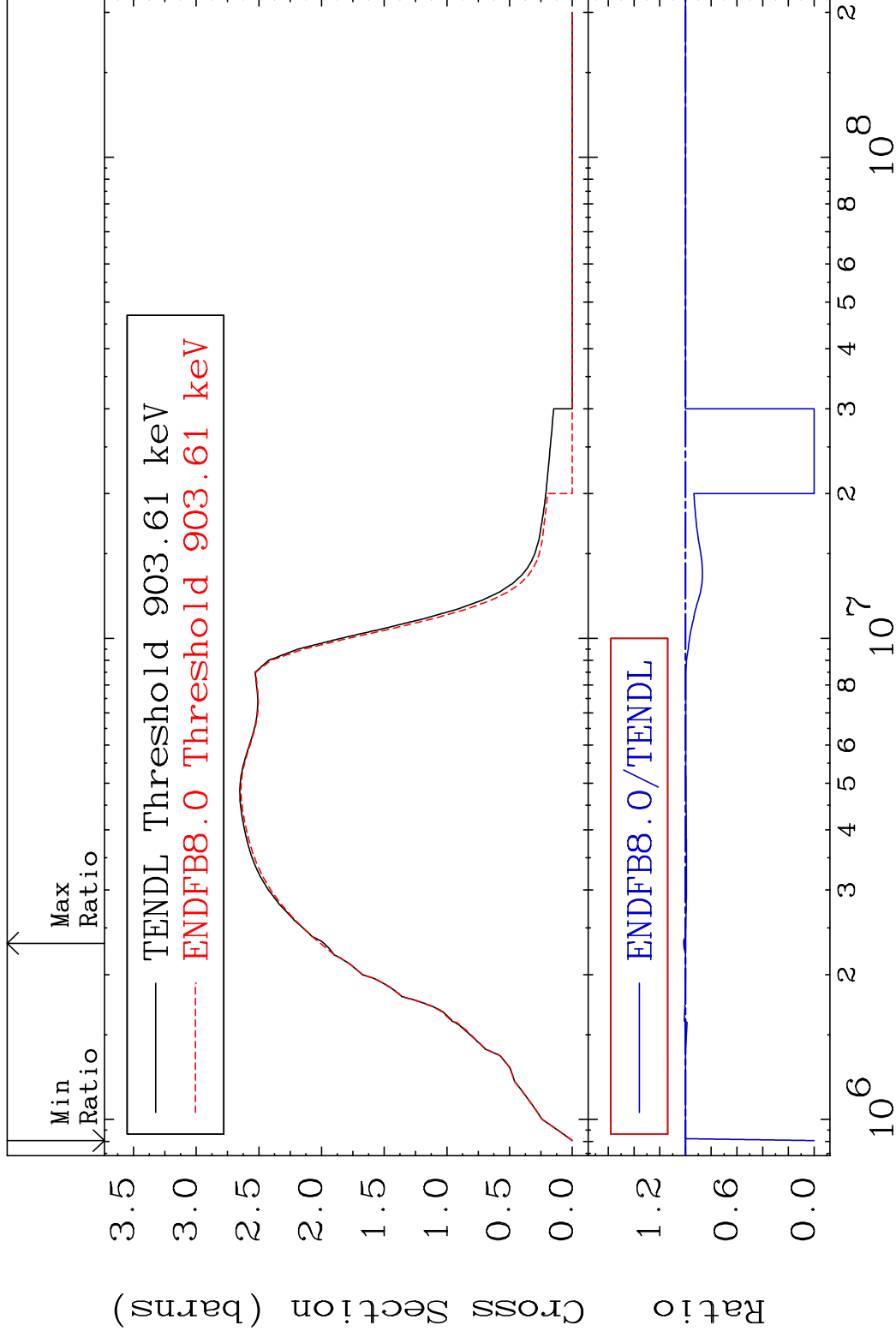
82-Pb-204

MAT 8225

Inelastic

82-Pb-204

Cross Section -100.0 To 1.432 %



3

Incident Energy (eV)

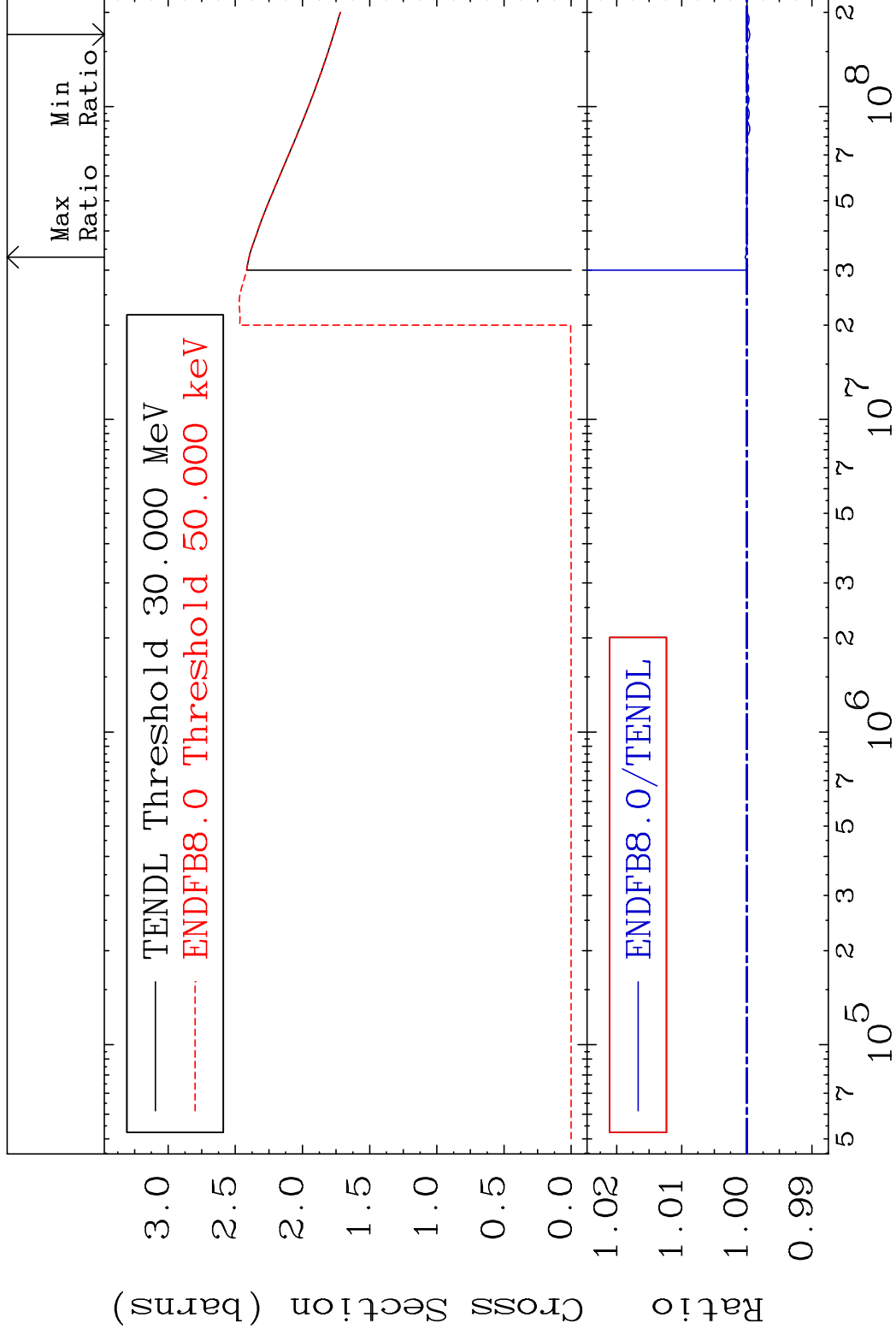
82-Pb-204

MAT 8225

(n, remainder)

82-Pb-204

Cross Section -0.046 To 0.027 %



4

Incident Energy (eV)

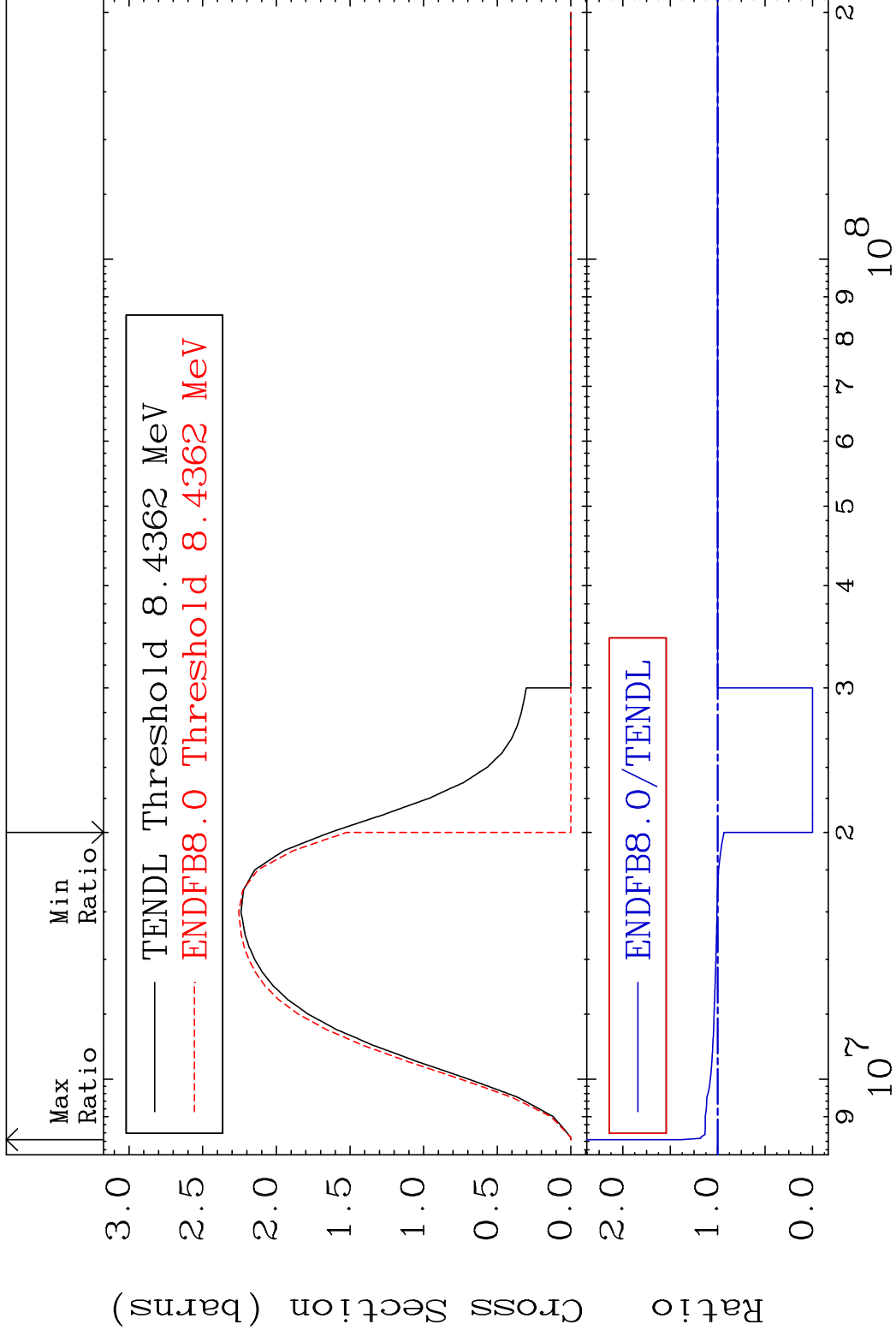
82-Pb-204

MAT 8225

(n,2n)

82-Pb-204

Cross Section -100.0 To 37.48 %



5

Incident Energy (eV)

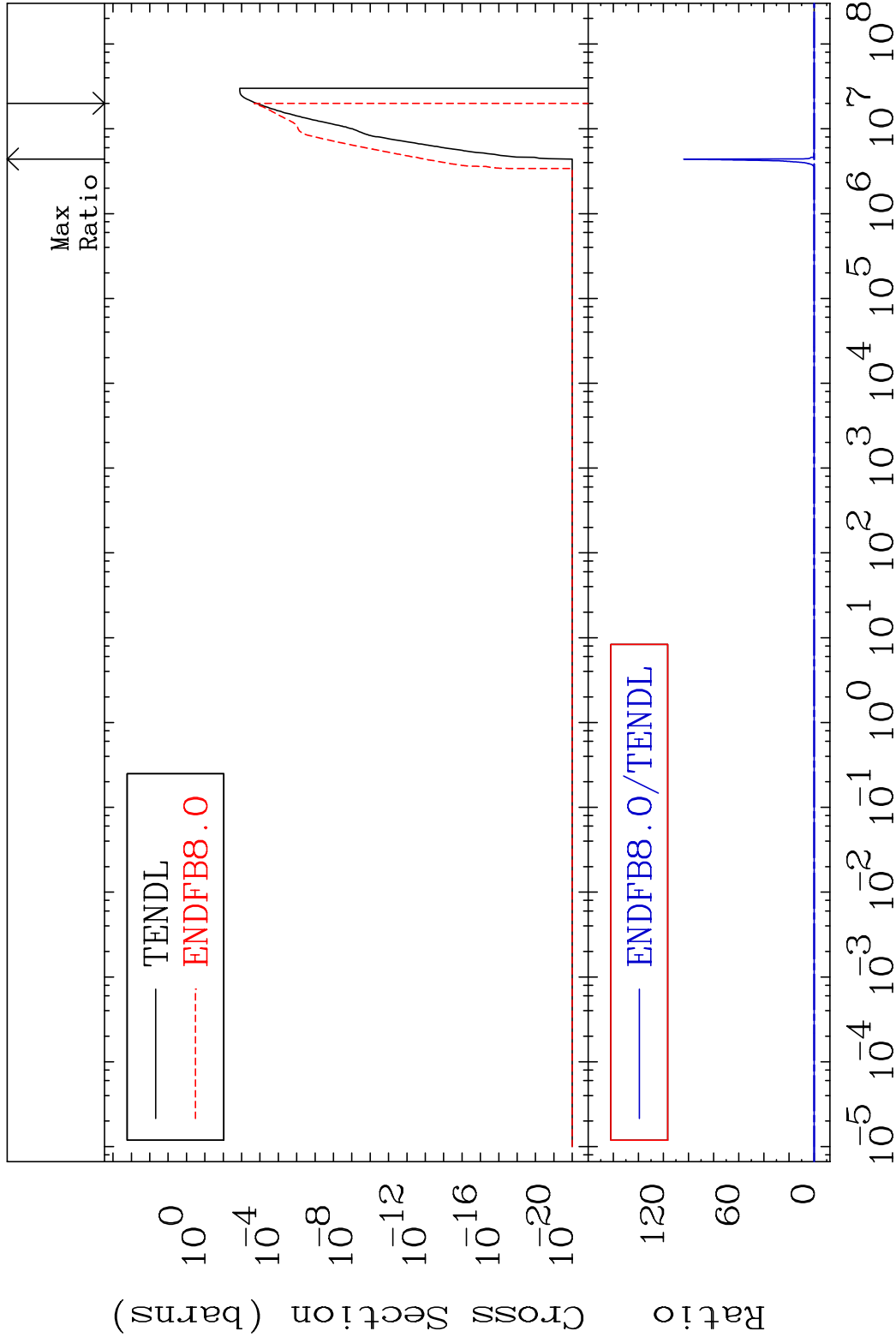
82-Pb-204

MAT 8225

(n, n') α

82-Pb-204

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

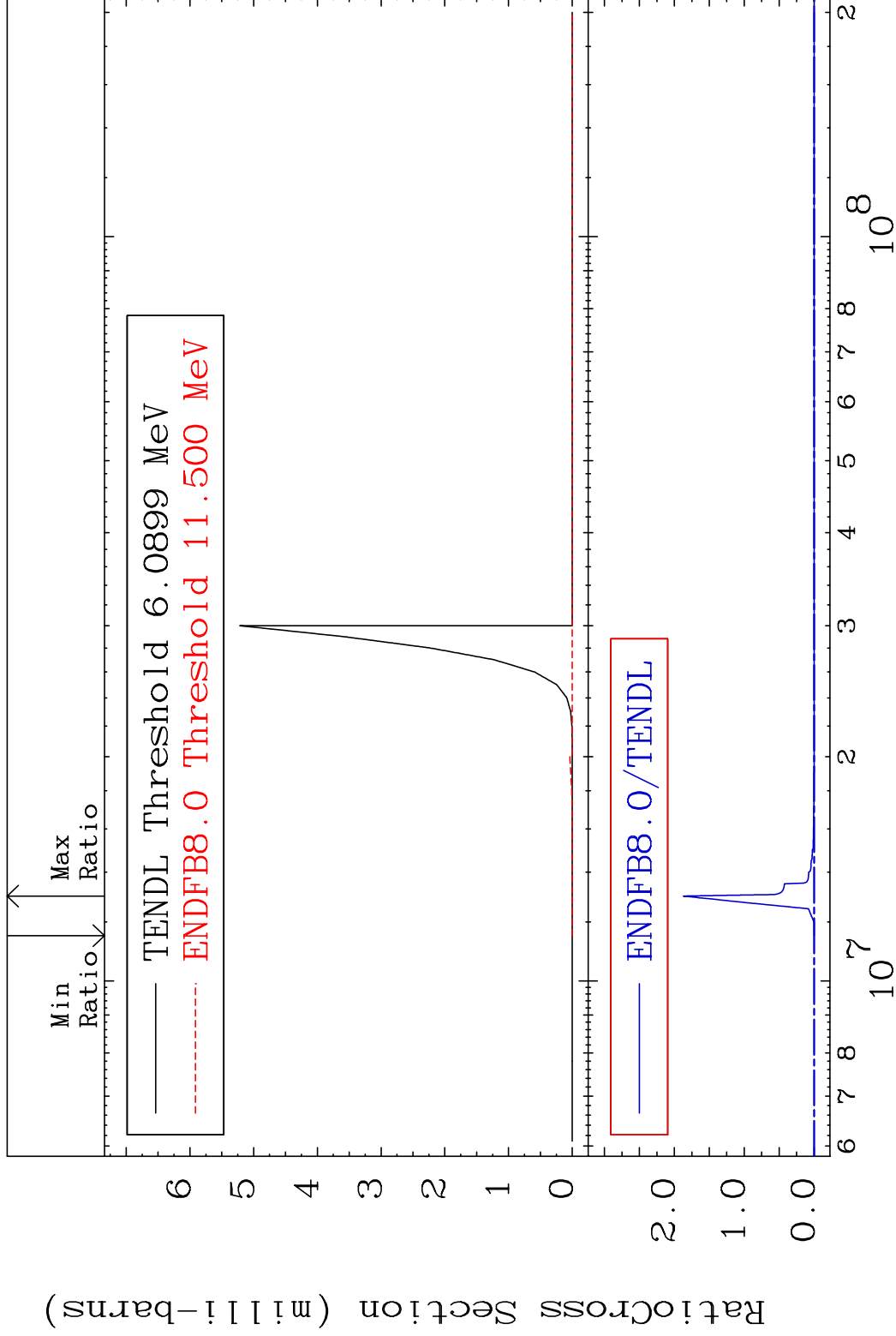
82-Pb-204

MAT 8225

(n,2n) α

82-Pb-204

Cross Section -100.0 To 9999. %

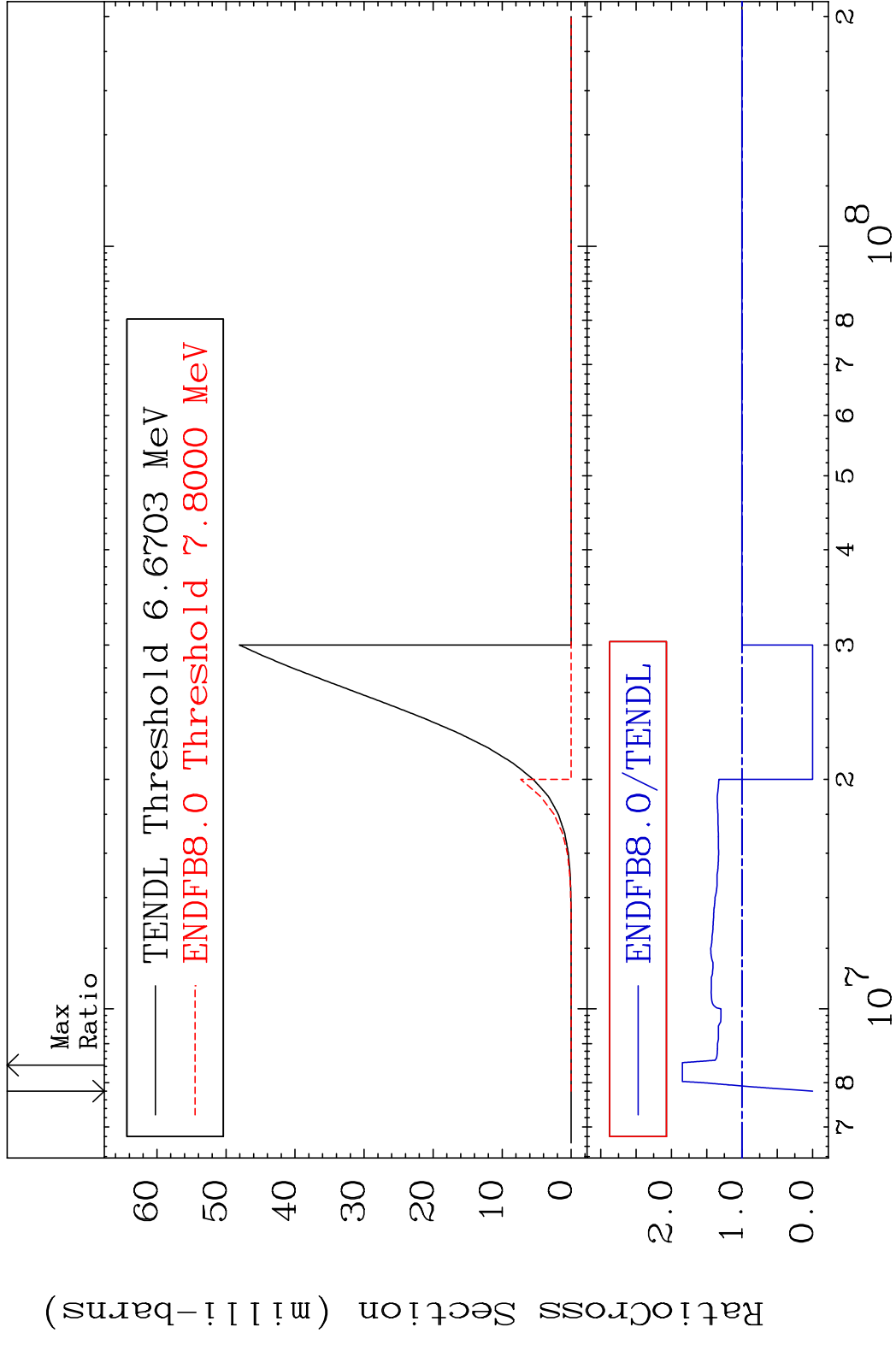


8

Incident Energy (eV)

82-Pb-204

MAT 8225 (n, n') p 82-Pb-204
 Cross Section -100.0 To 84.49 %

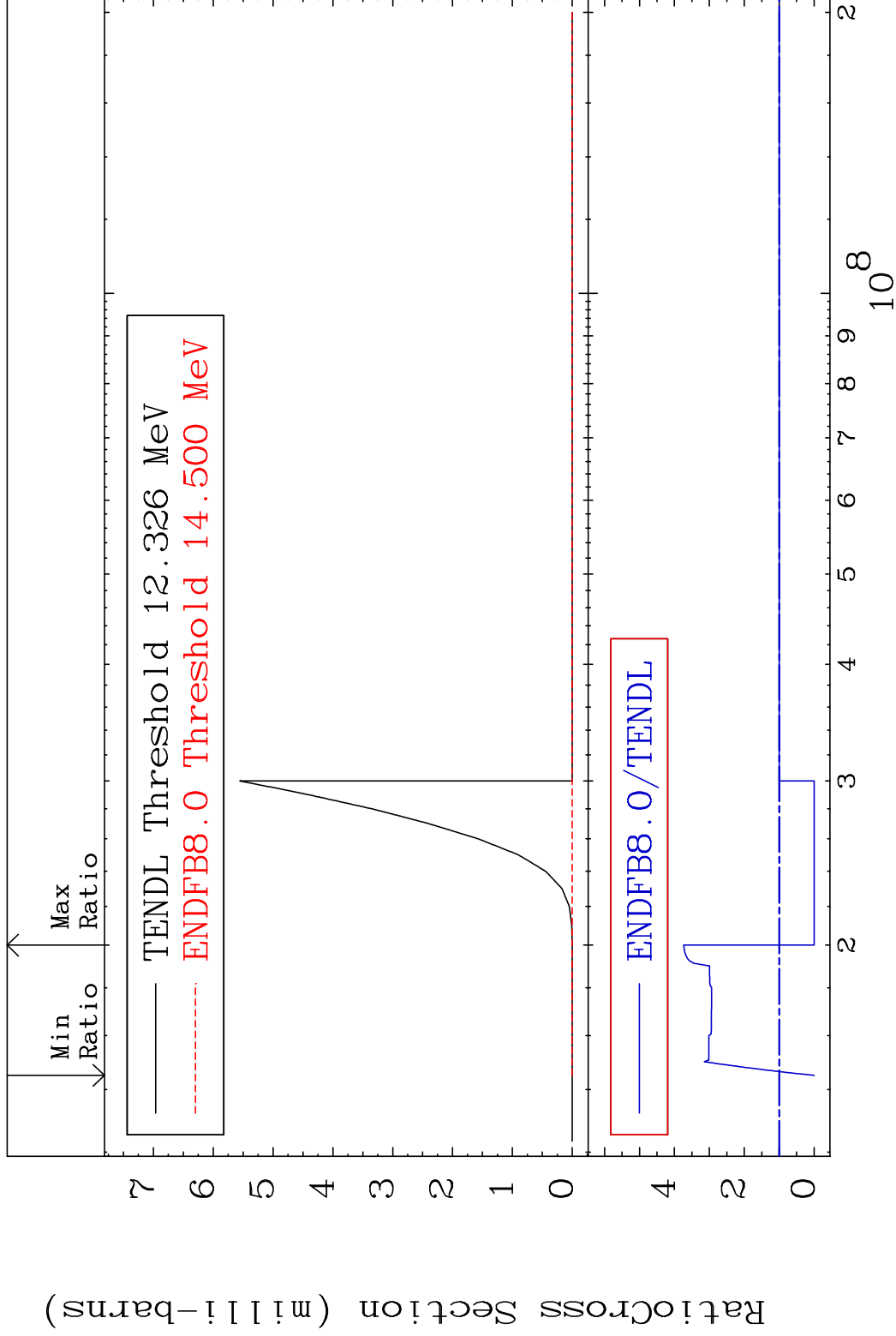


MAT 8225

(n, n') d

82-Pb-204

Cross Section -100.0 To 273.6 %

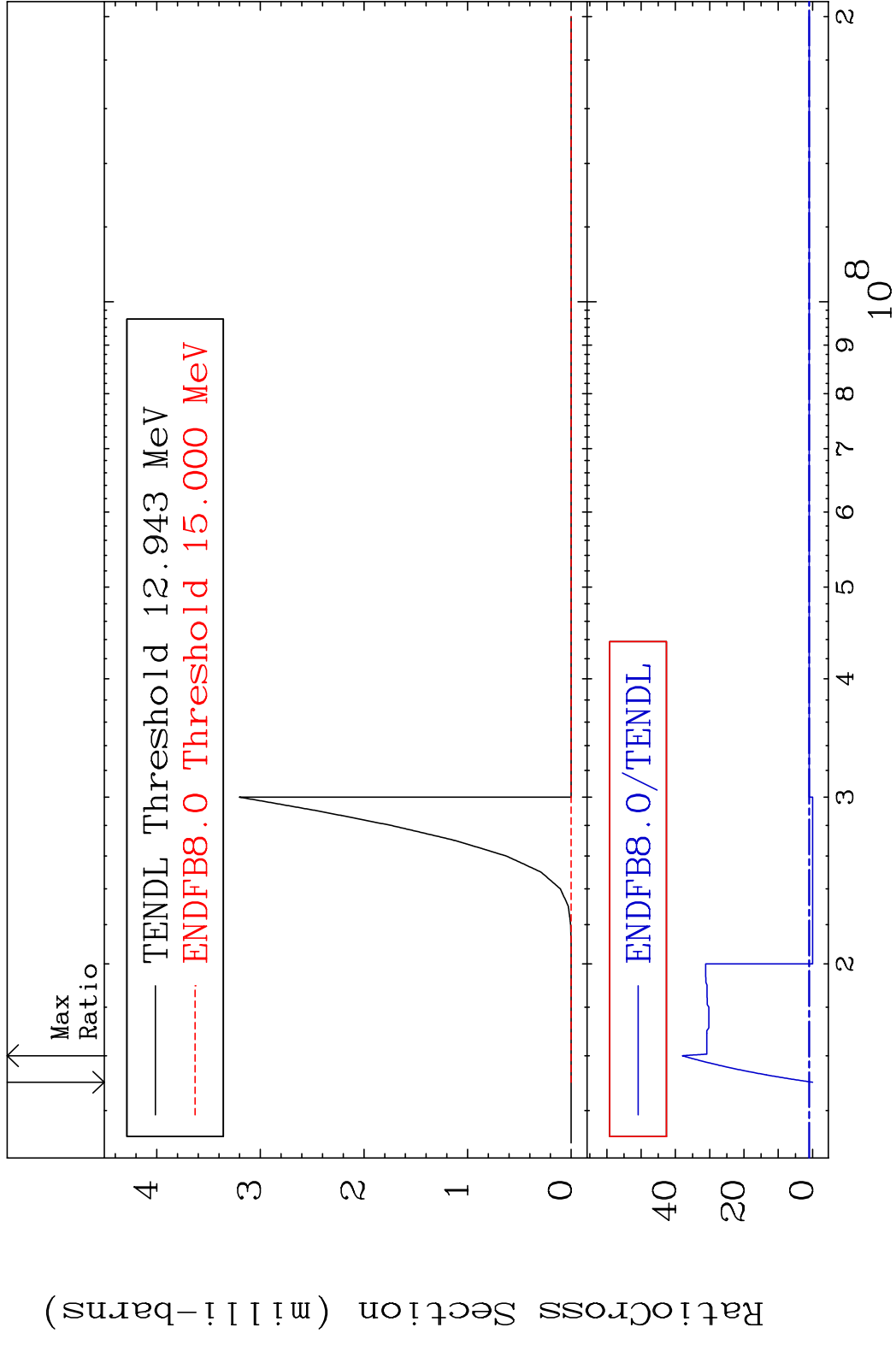


10

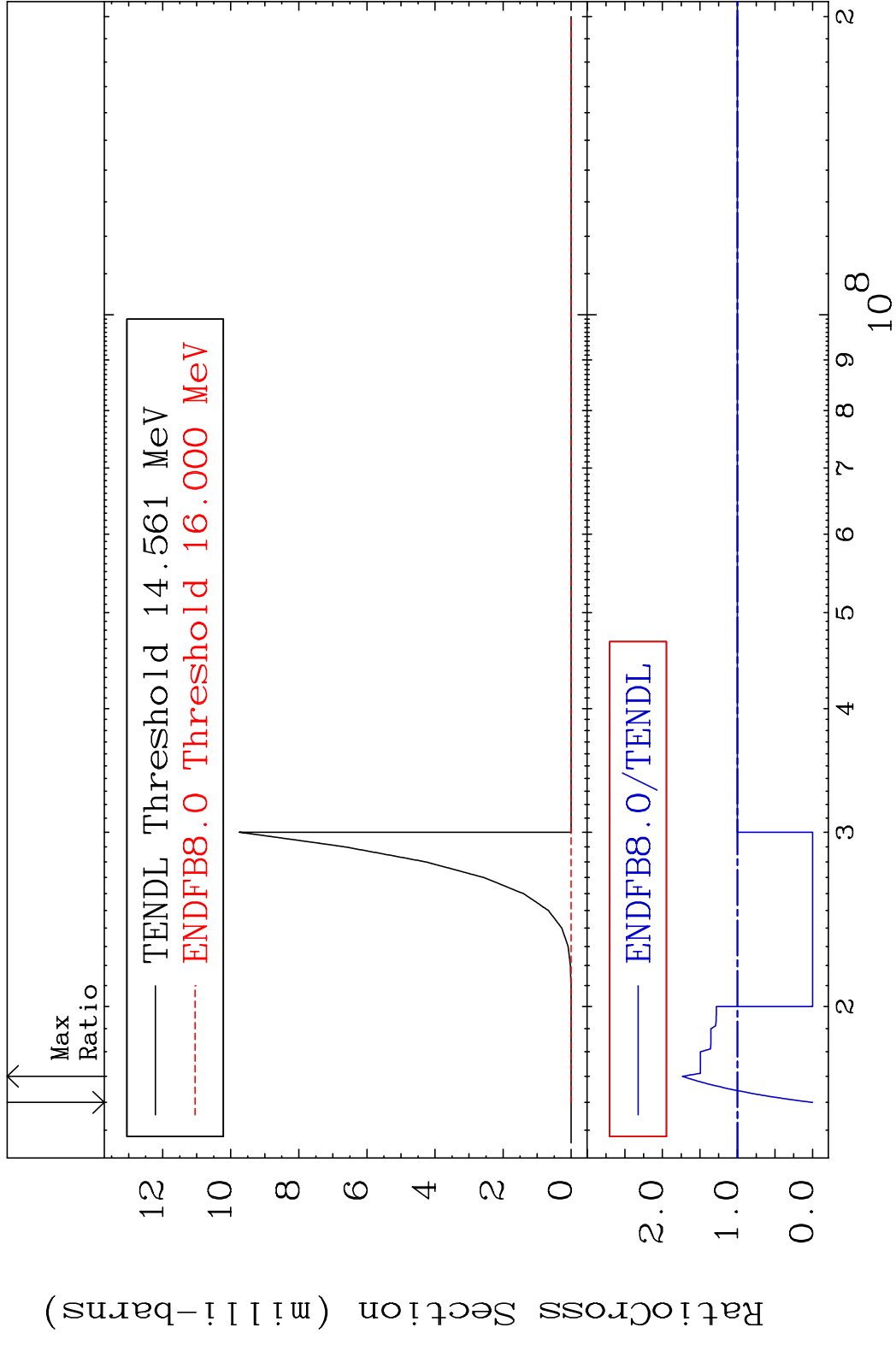
Incident Energy (eV)

82-Pb-204

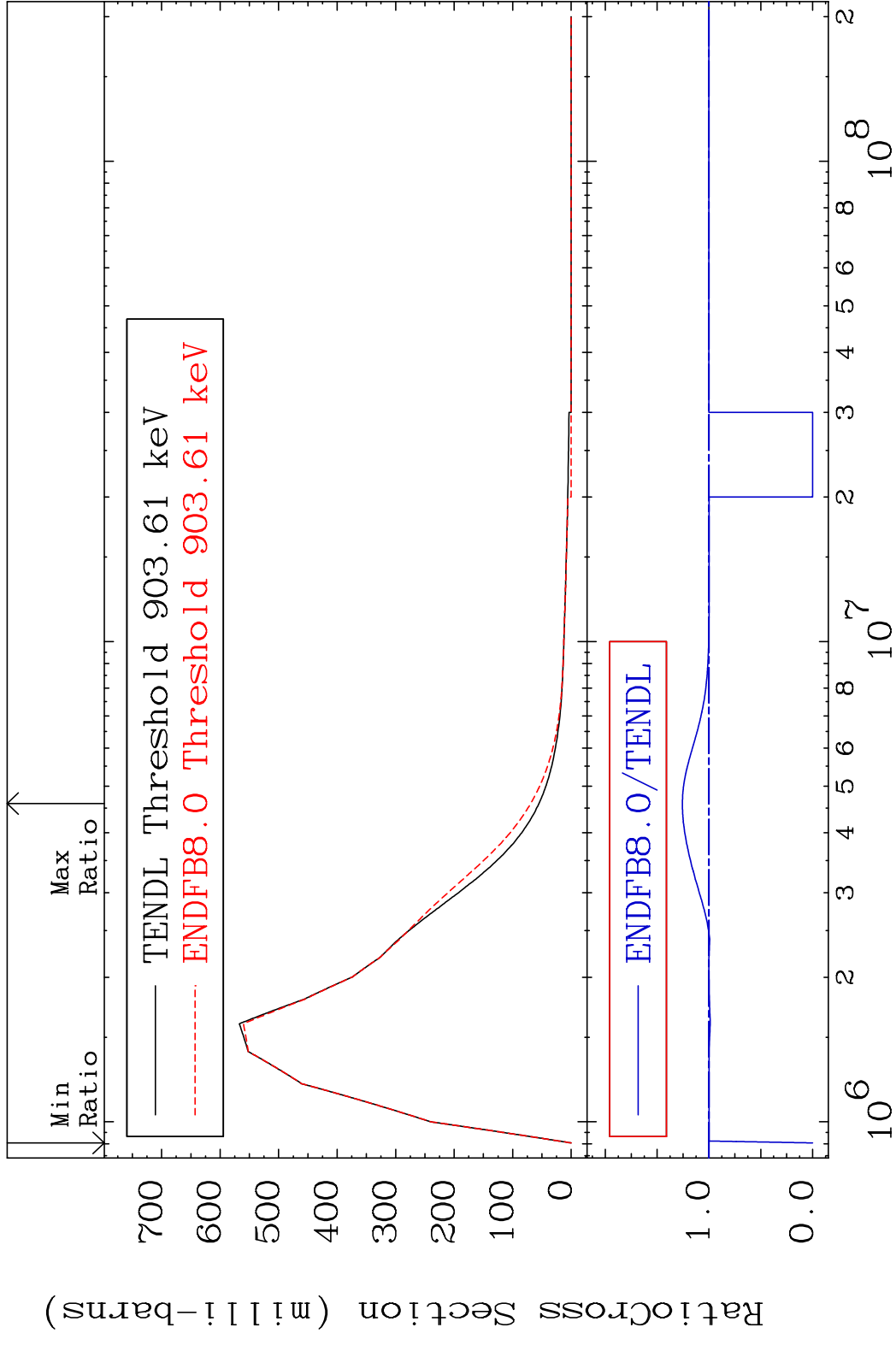
MAT 8225 (n, n') t 82-Pb-204
 Cross Section -100.0 To 3698. %



MAT 8225 (n,2n) p 82-Pb-204
 Cross Section -100.0 To 73.38 %

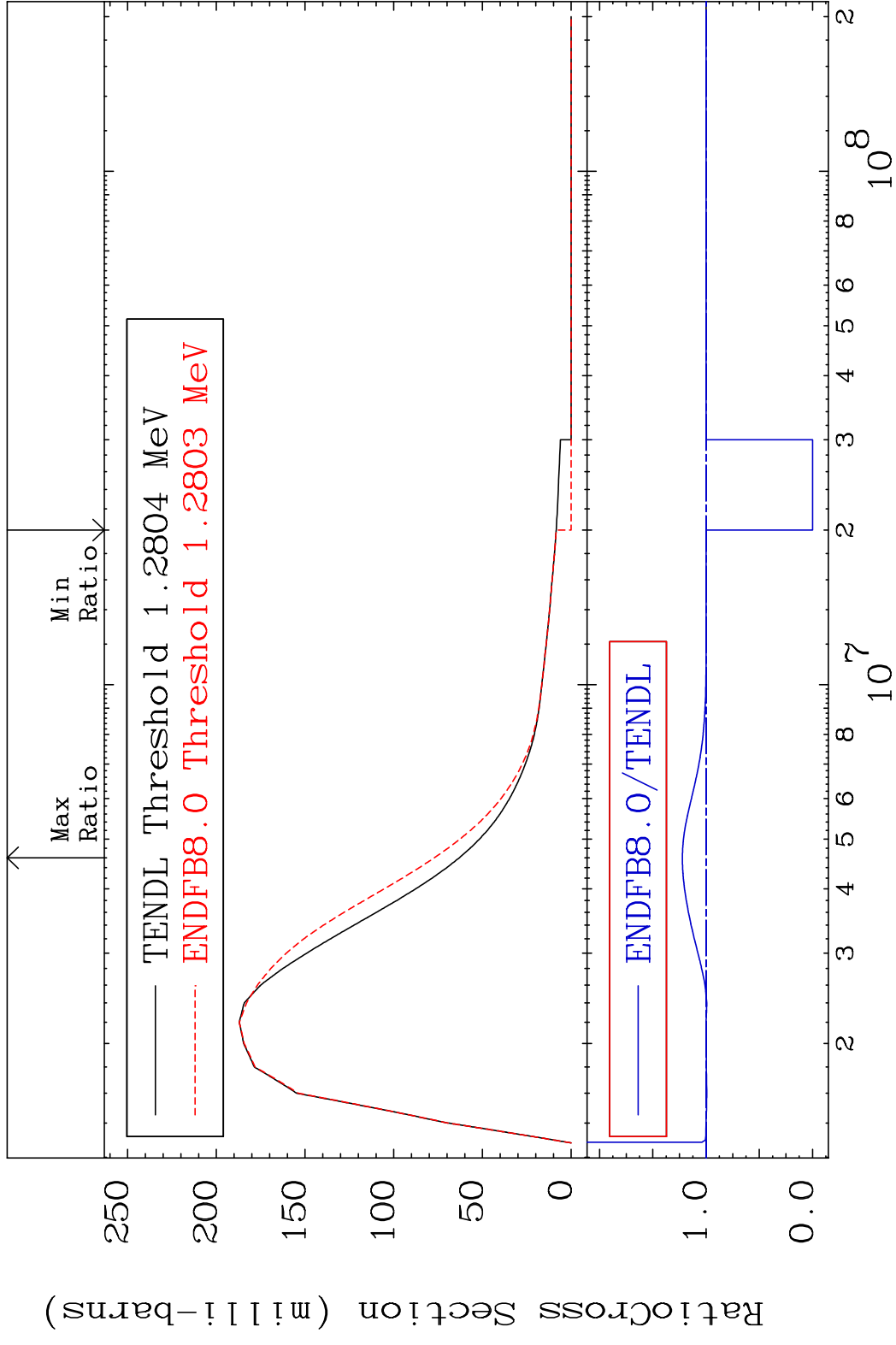


MAT 8225 MT= 51 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 25.67 %

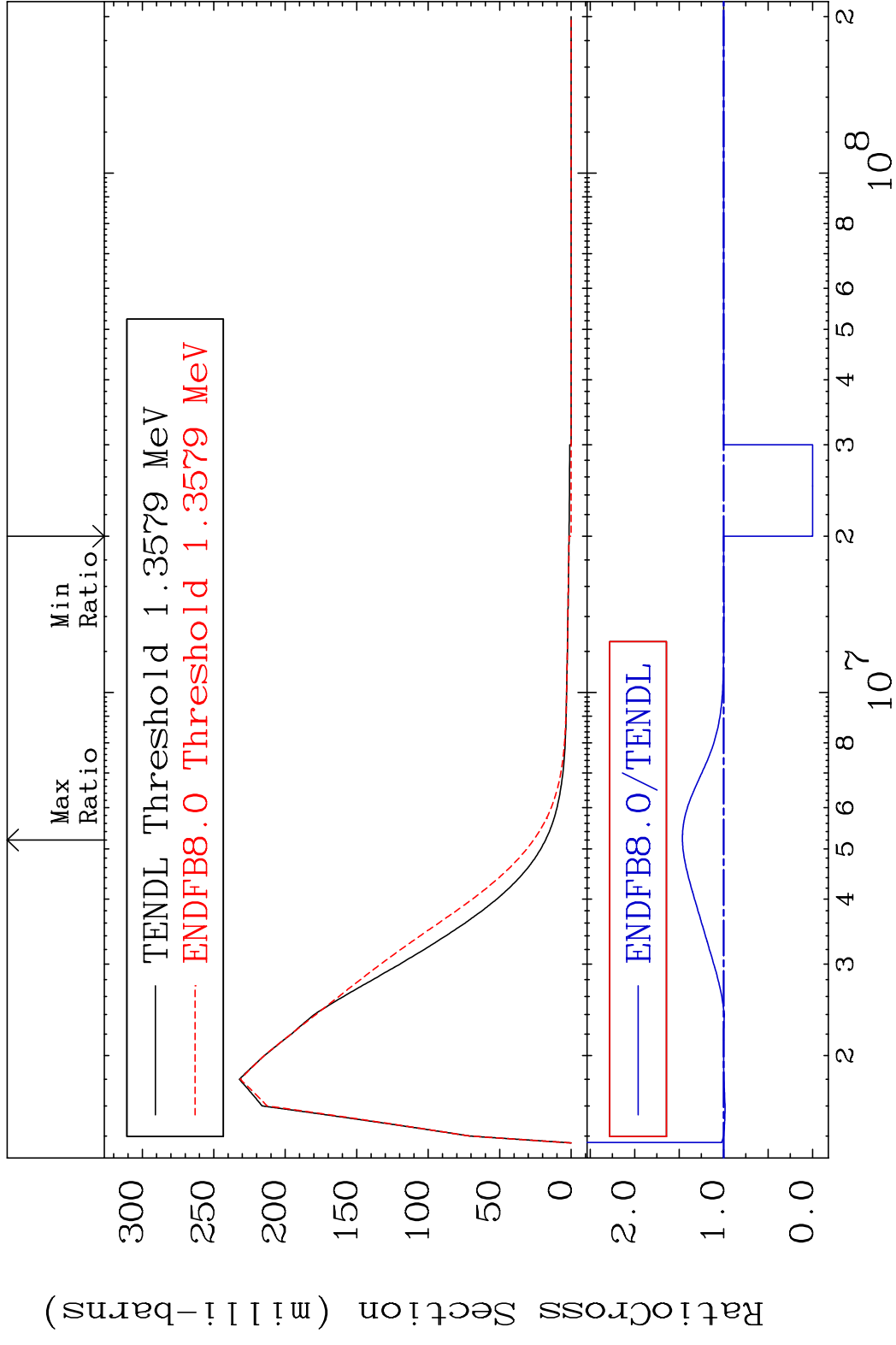


13 Incident Energy (eV) 82-Pb-204

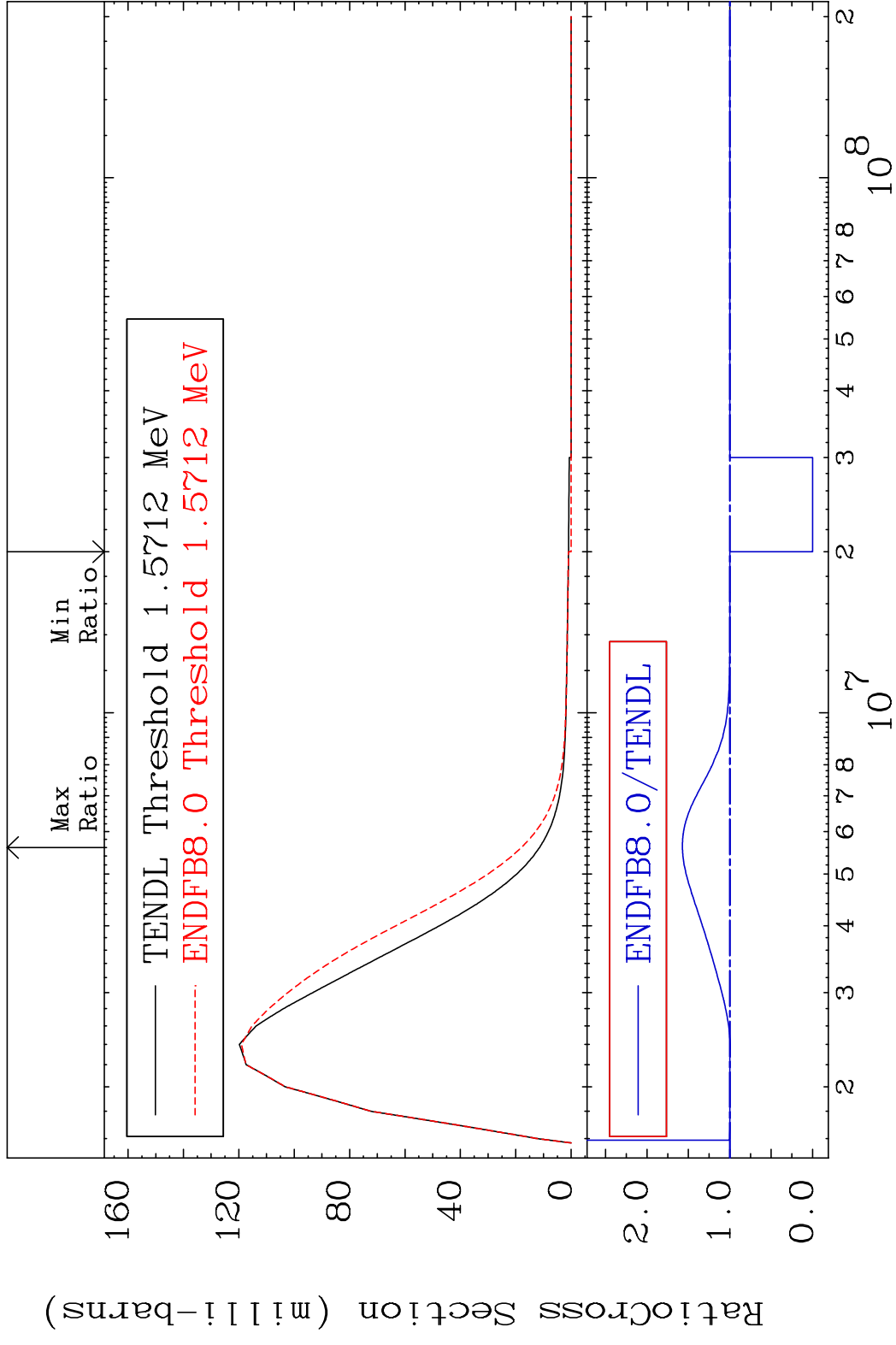
MAT 8225 MT= 52 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 22.29 %



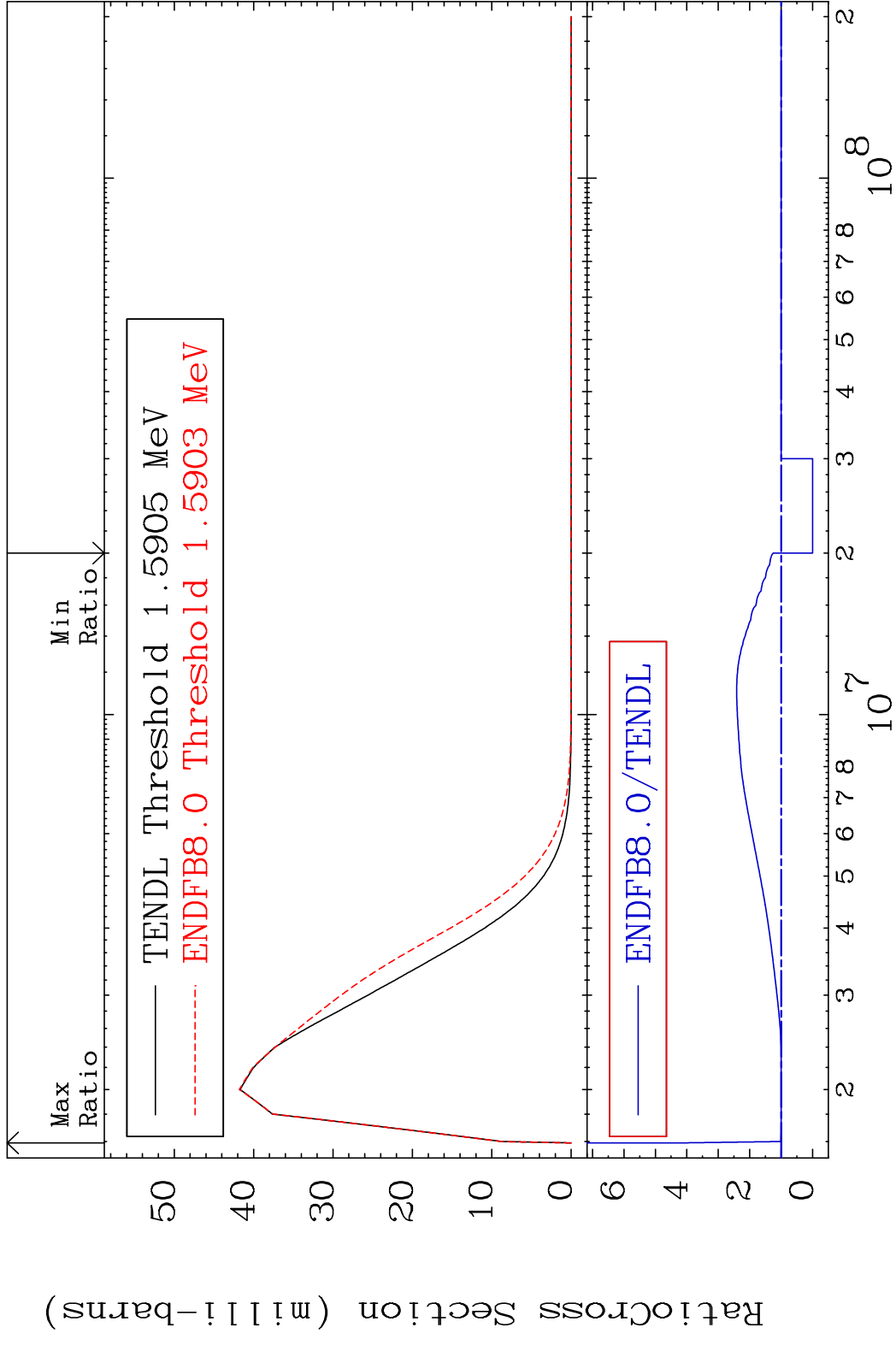
MAT 8225 MT= 53 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 46.43 %



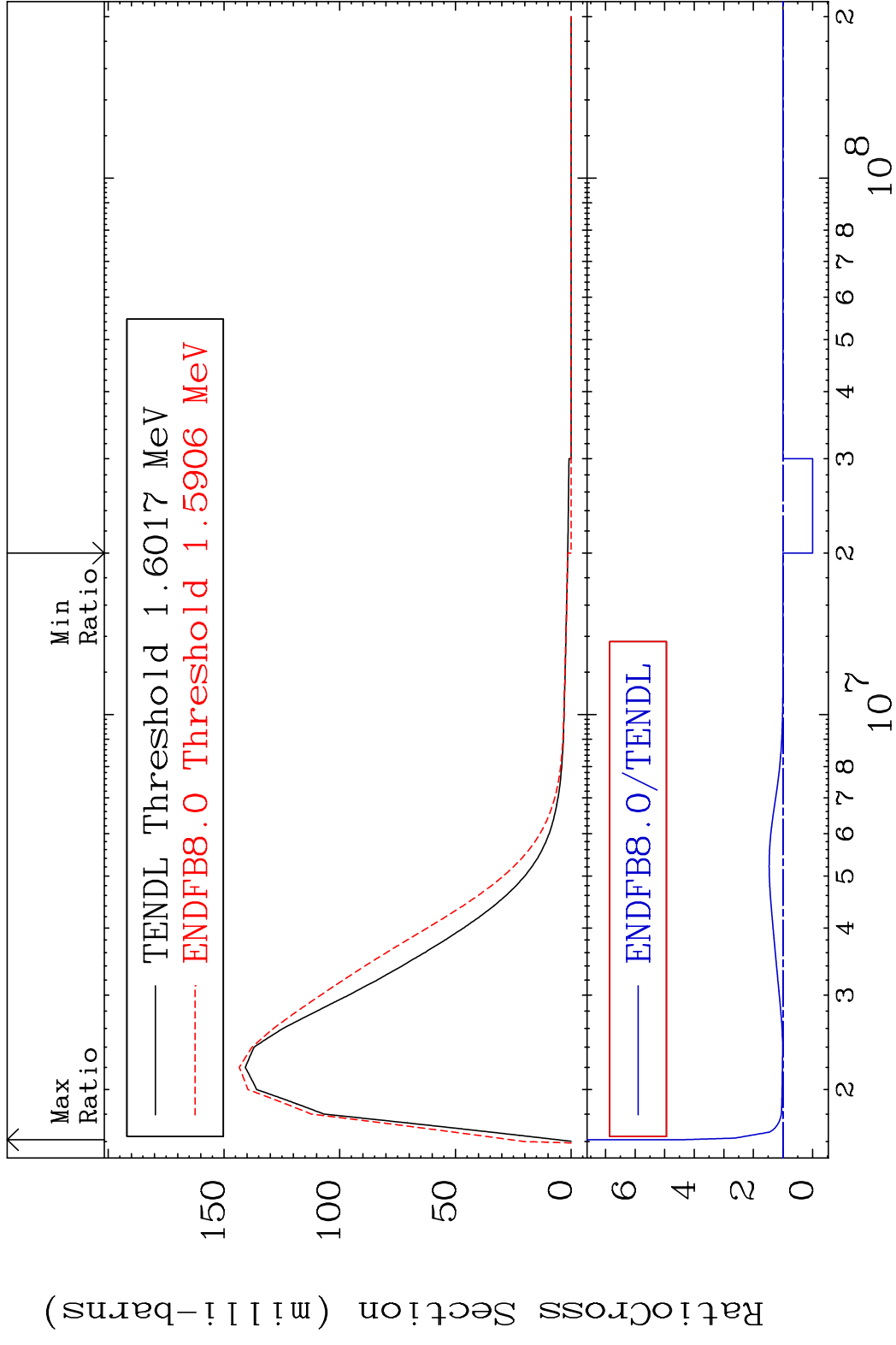
MAT 8225 MT= 54 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 57.31 %



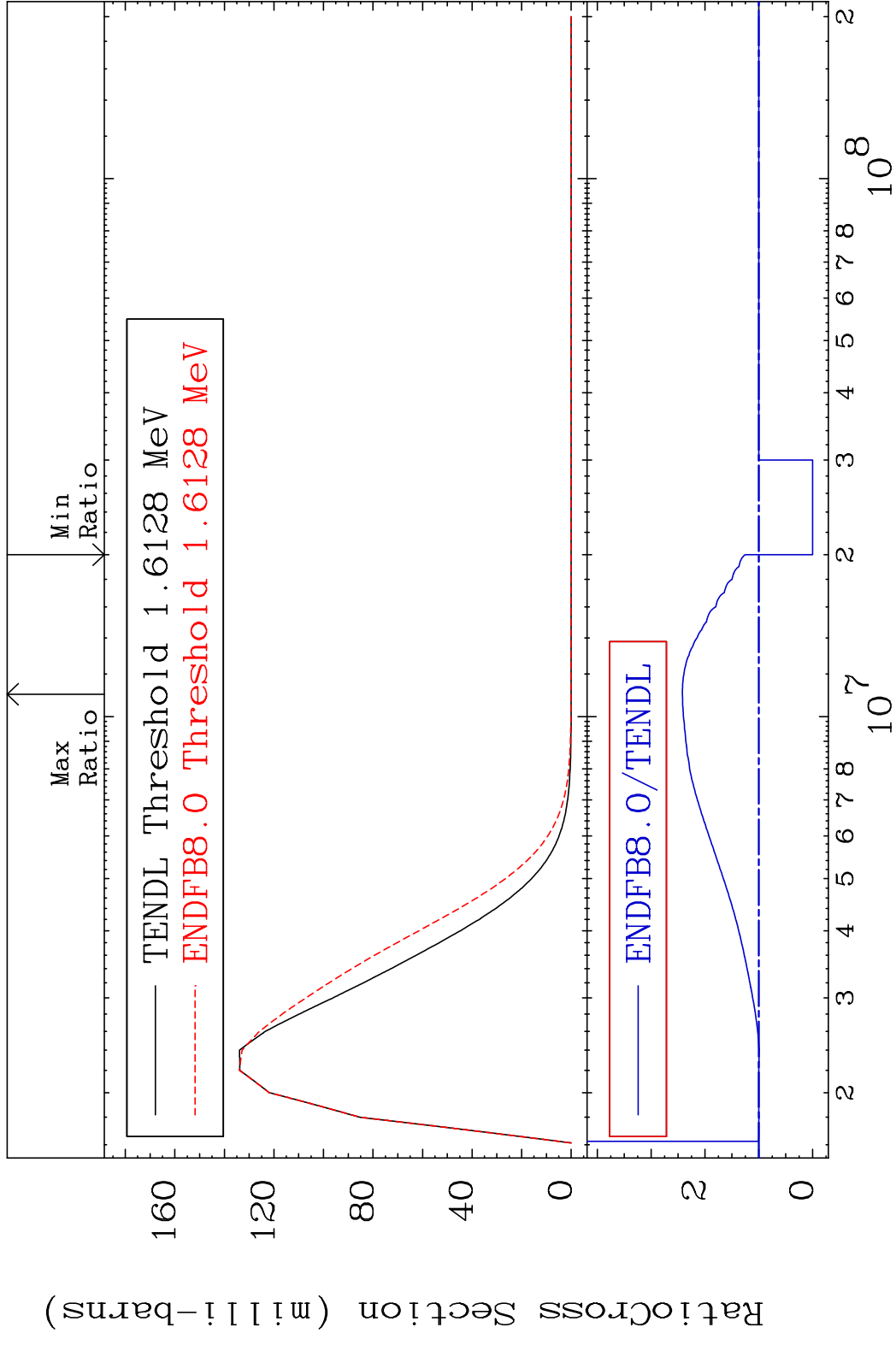
MAT 8225 MT= 55 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 314.2 %



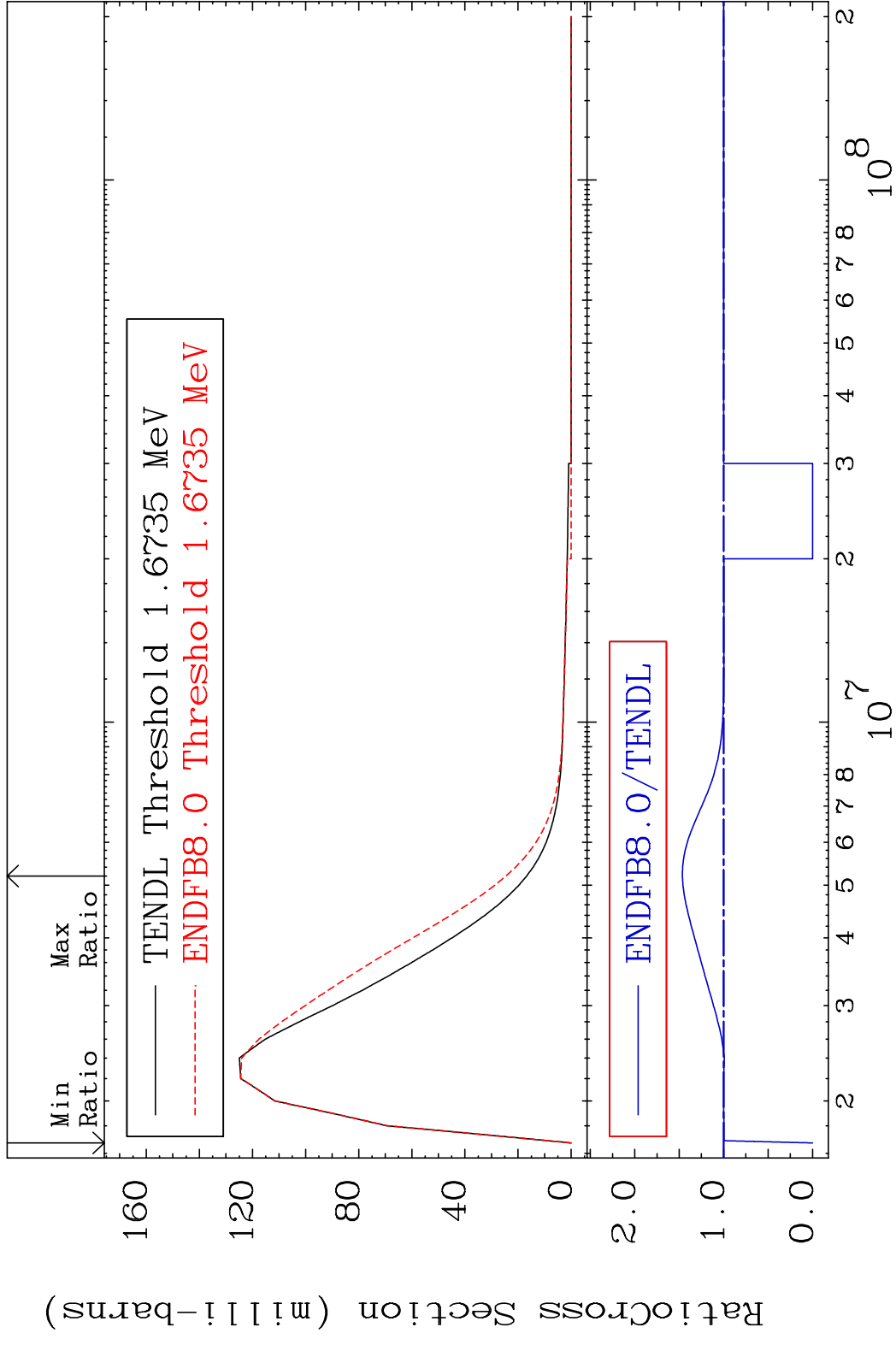
MAT 8225 MT= 56 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 340.3 %



MAT 8225 MT= 57 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 142.1 %

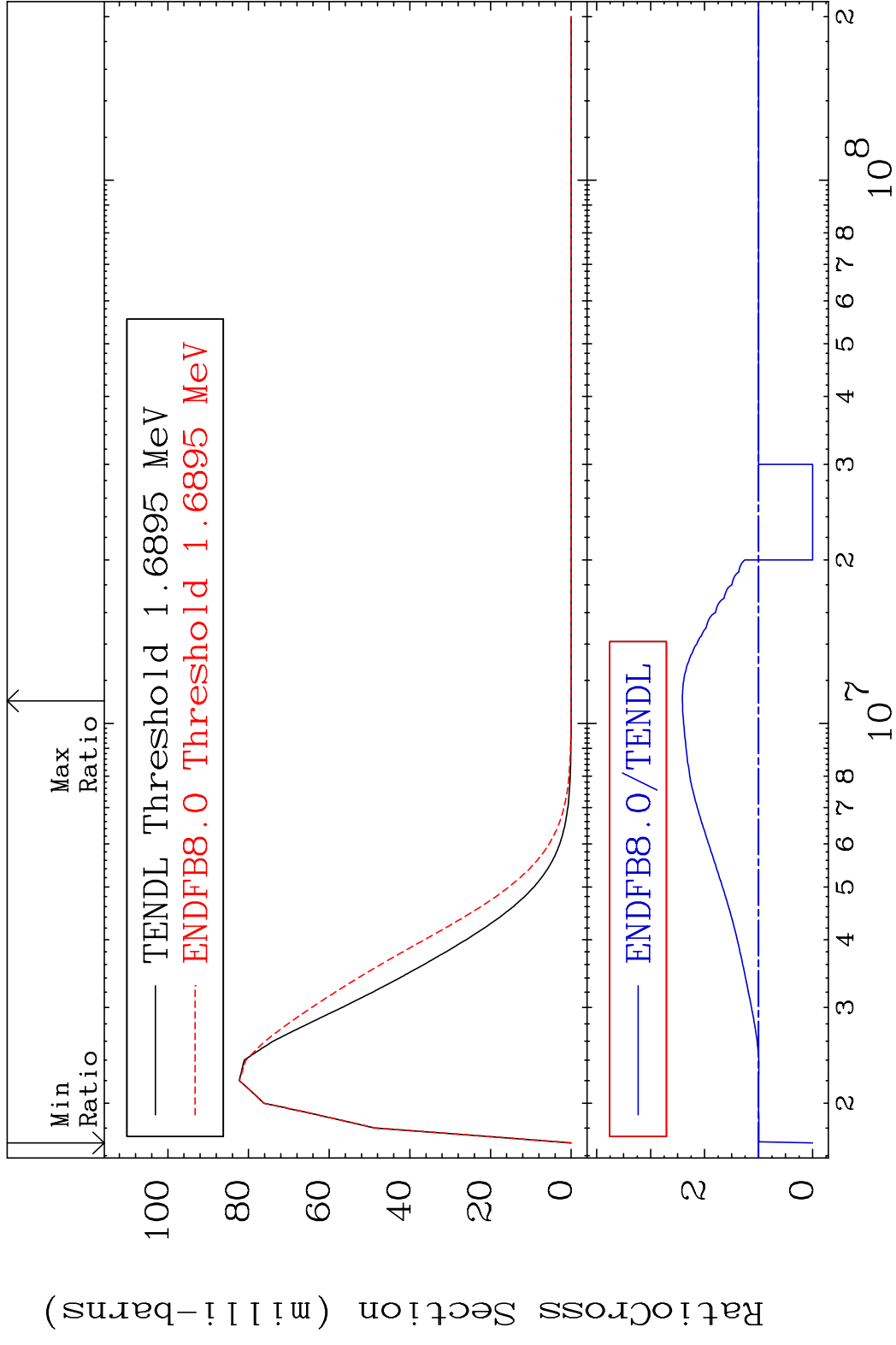


MAT 8225 MT= 58 (n,n') Level 82-Pb-204
 Cross Section -100.0 To 46.45 %

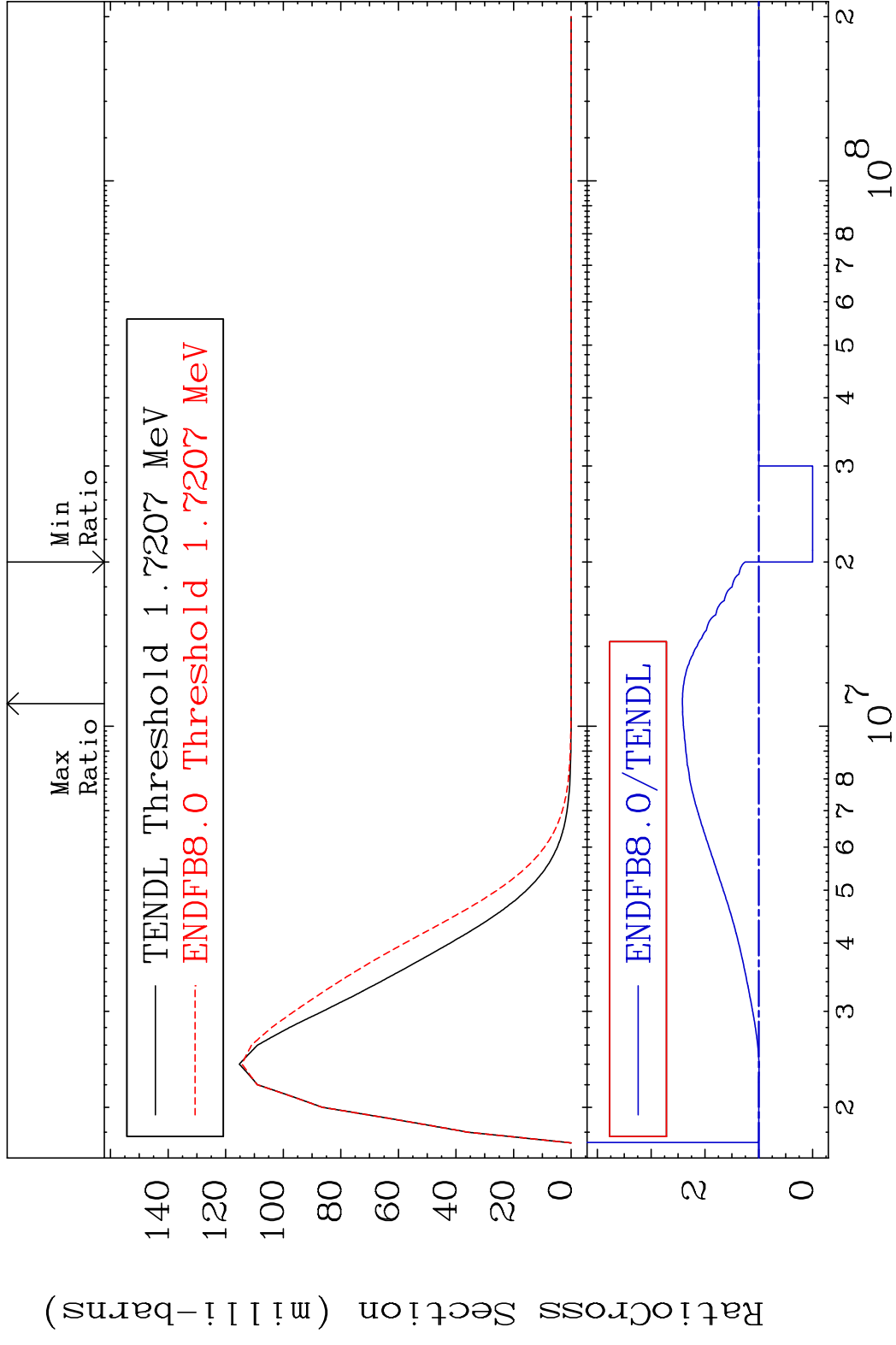


20 82-Pb-204

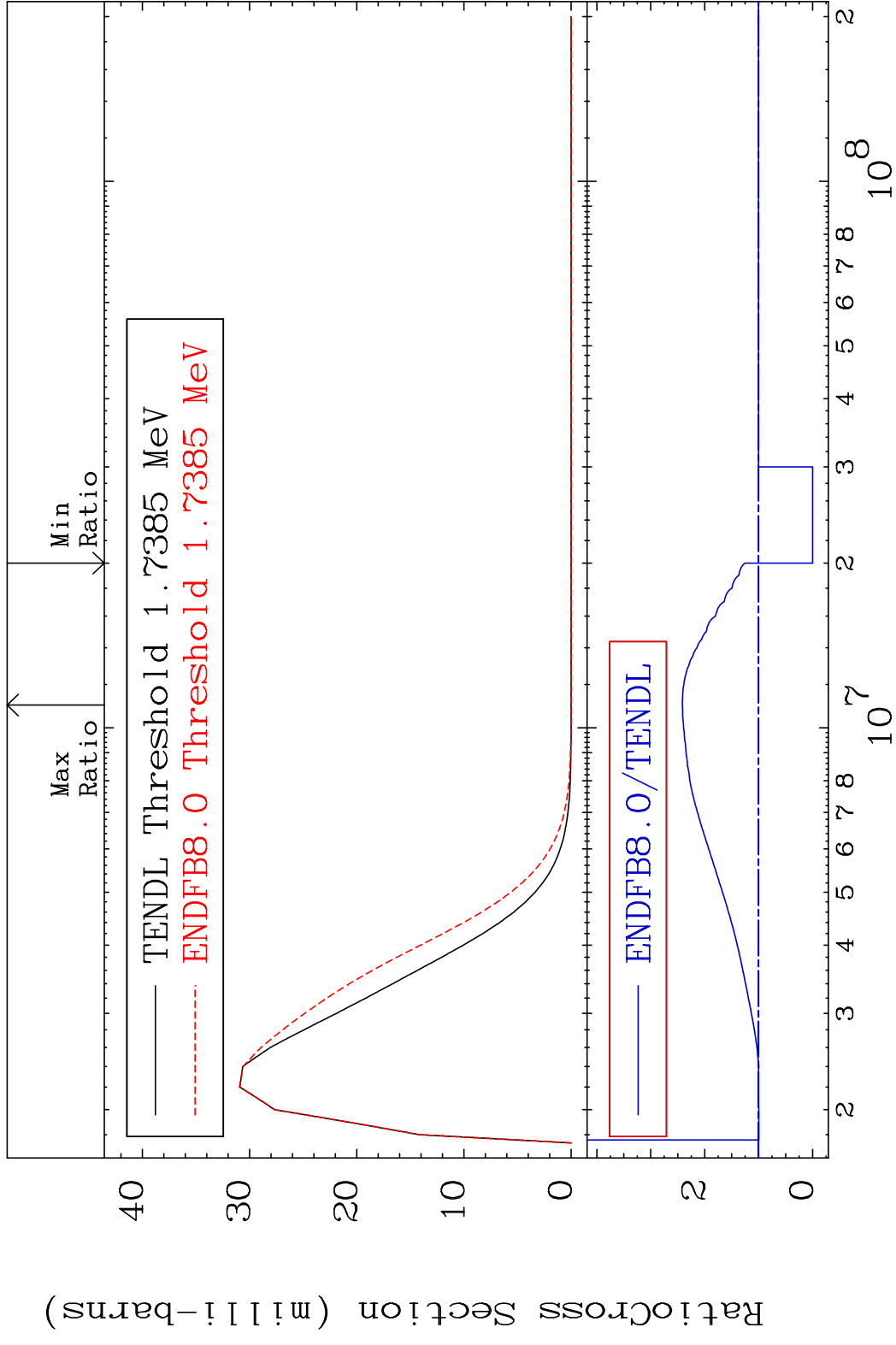
MAT 8225 MT= 59 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 141.2 %



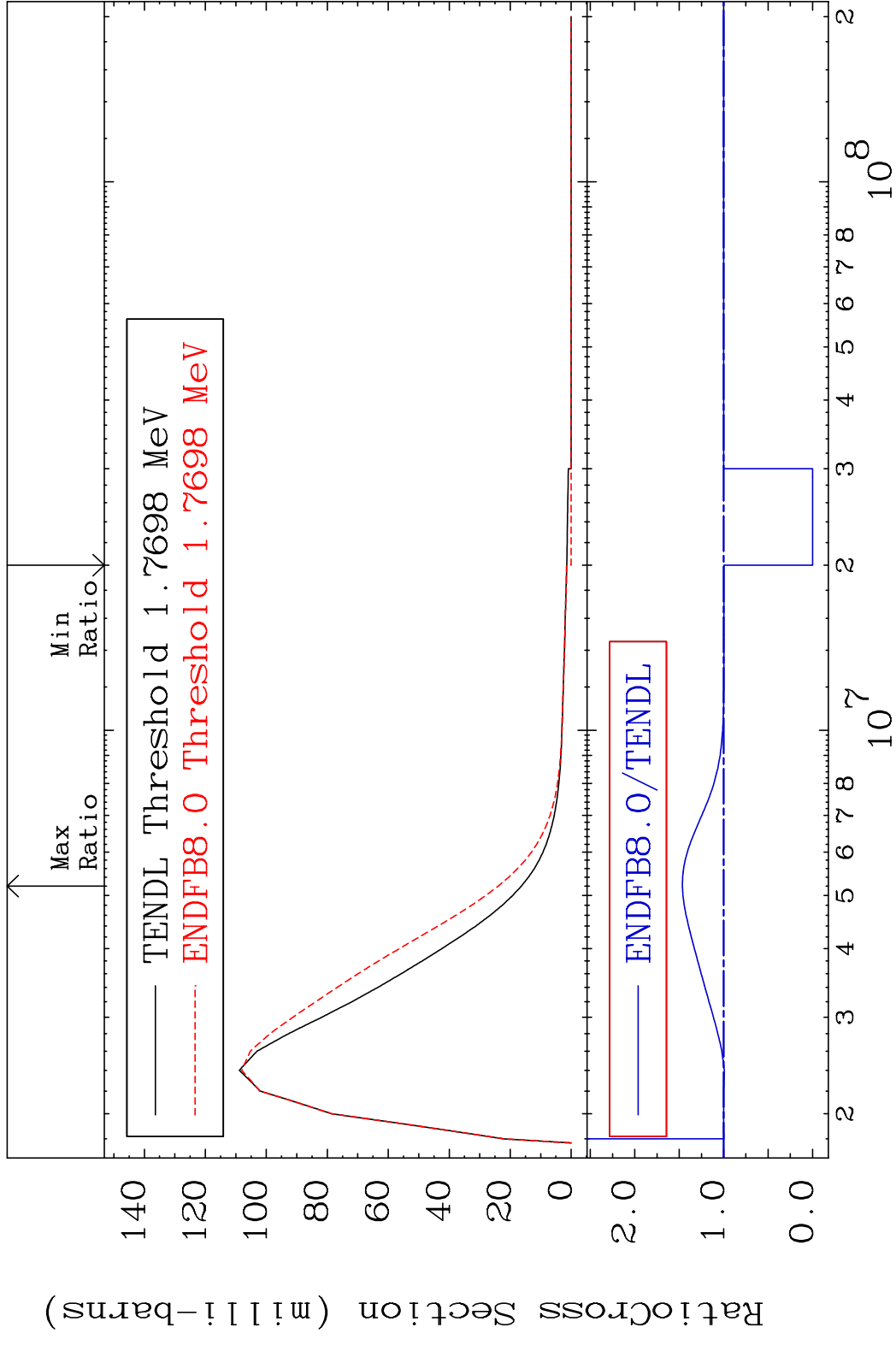
MAT 8225 MT= 60 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 142.1 %



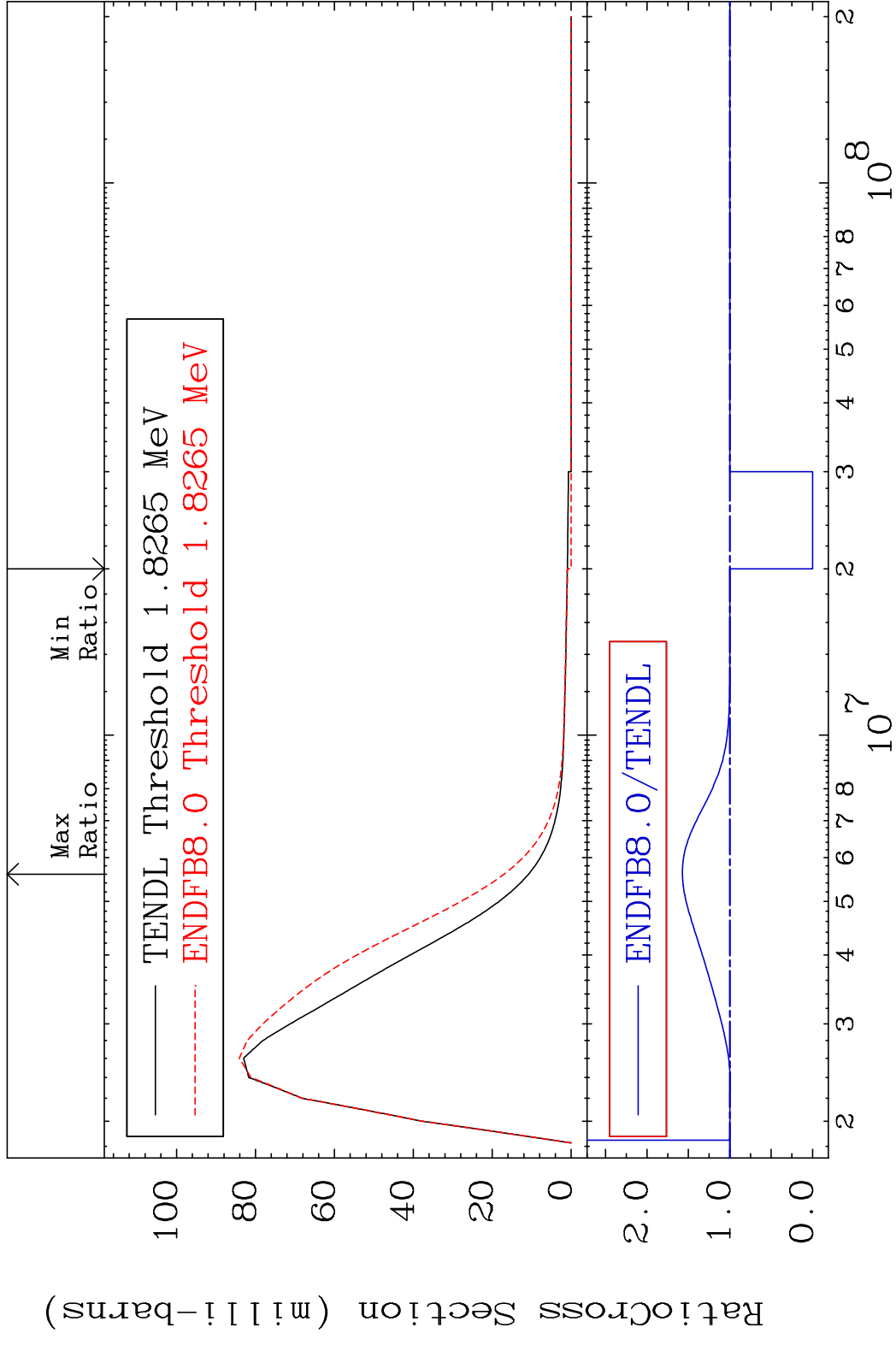
MAT 8225 MT= 61 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 141.4 %



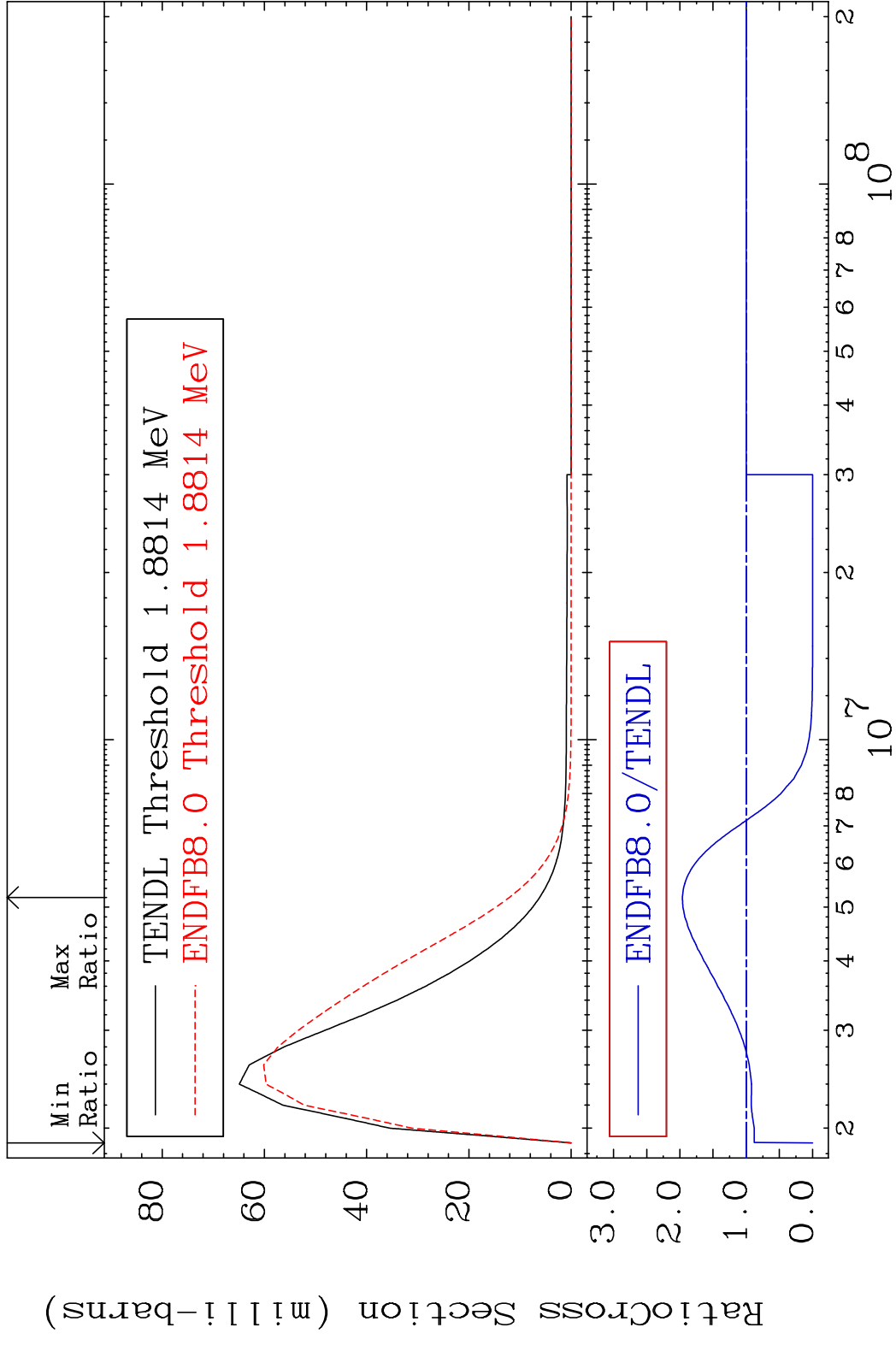
MAT 8225 MT= 62 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 46.48 %



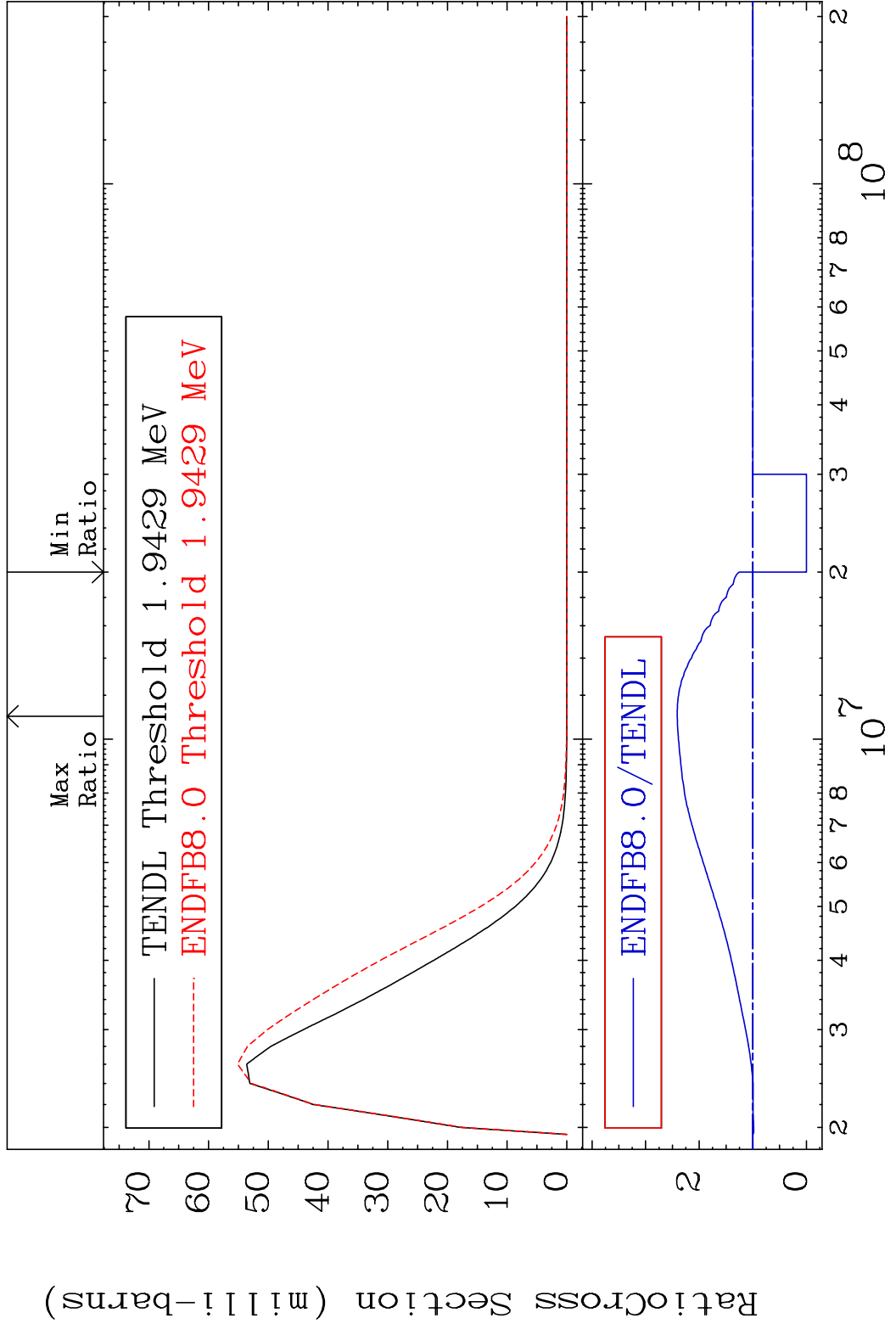
MAT 8225 MT= 63 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 57.32 %



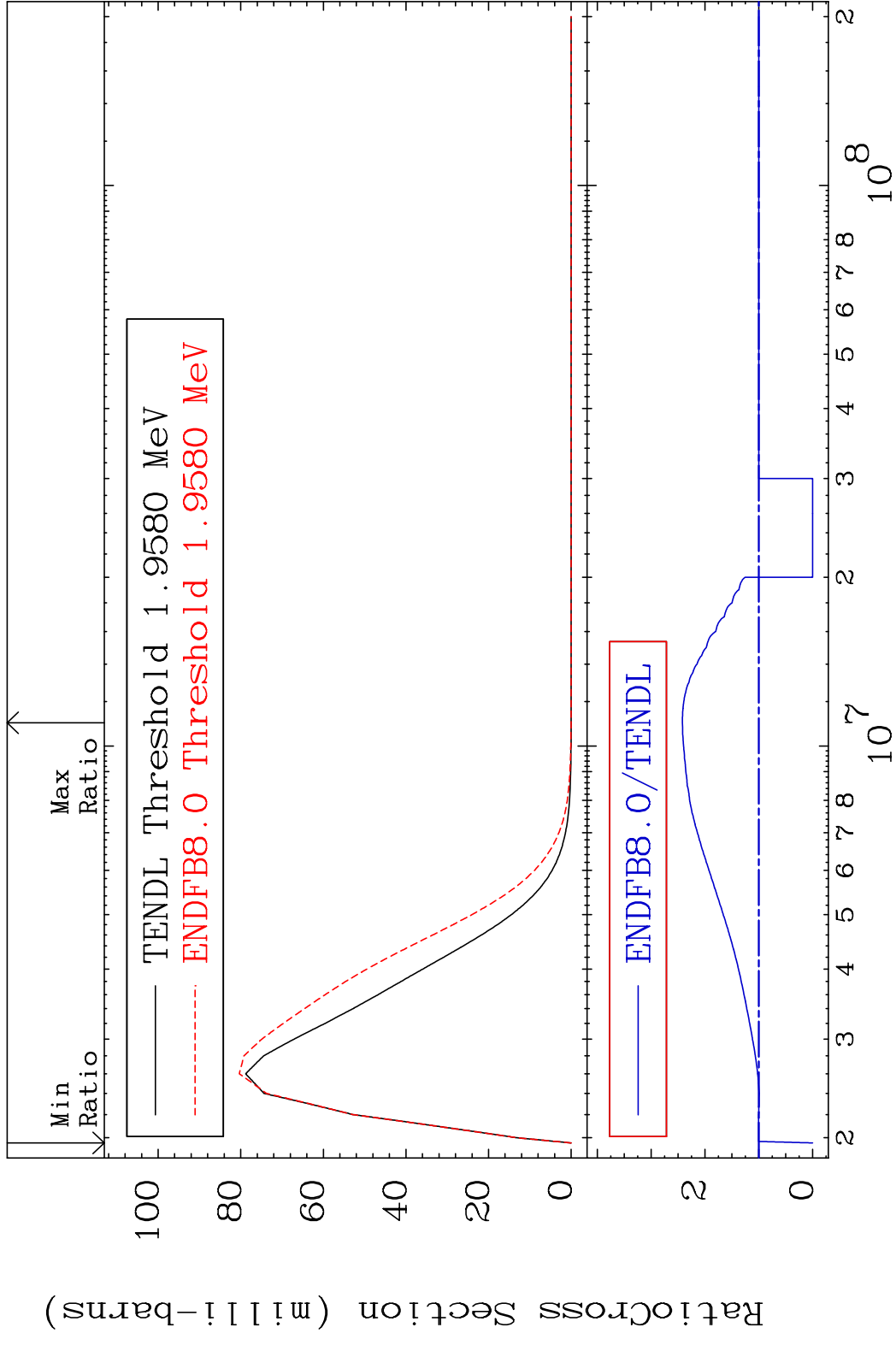
MAT 8225 MT= 64 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 96.29 %



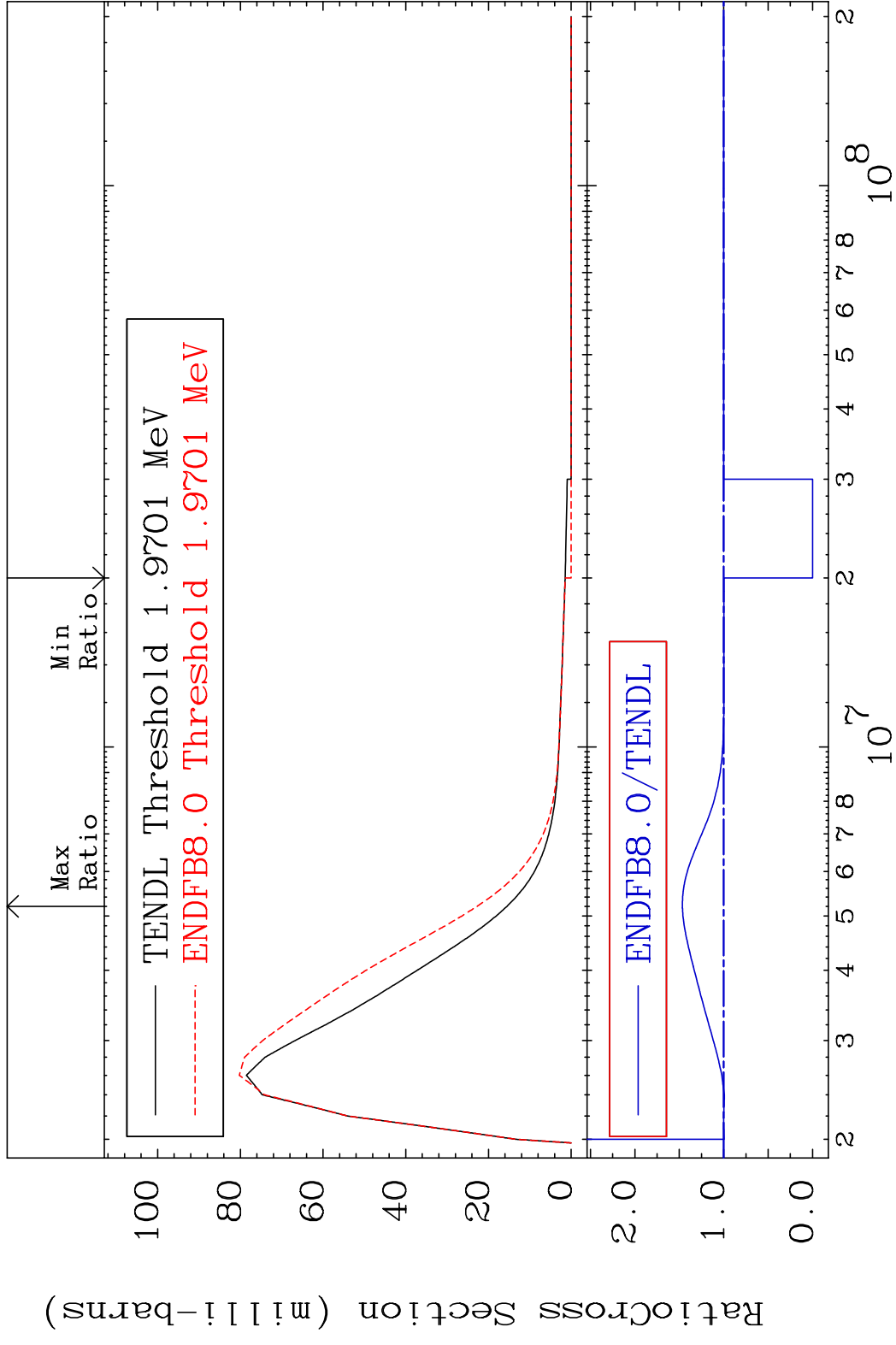
MAT 8225 MT= 65 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 141.1 %



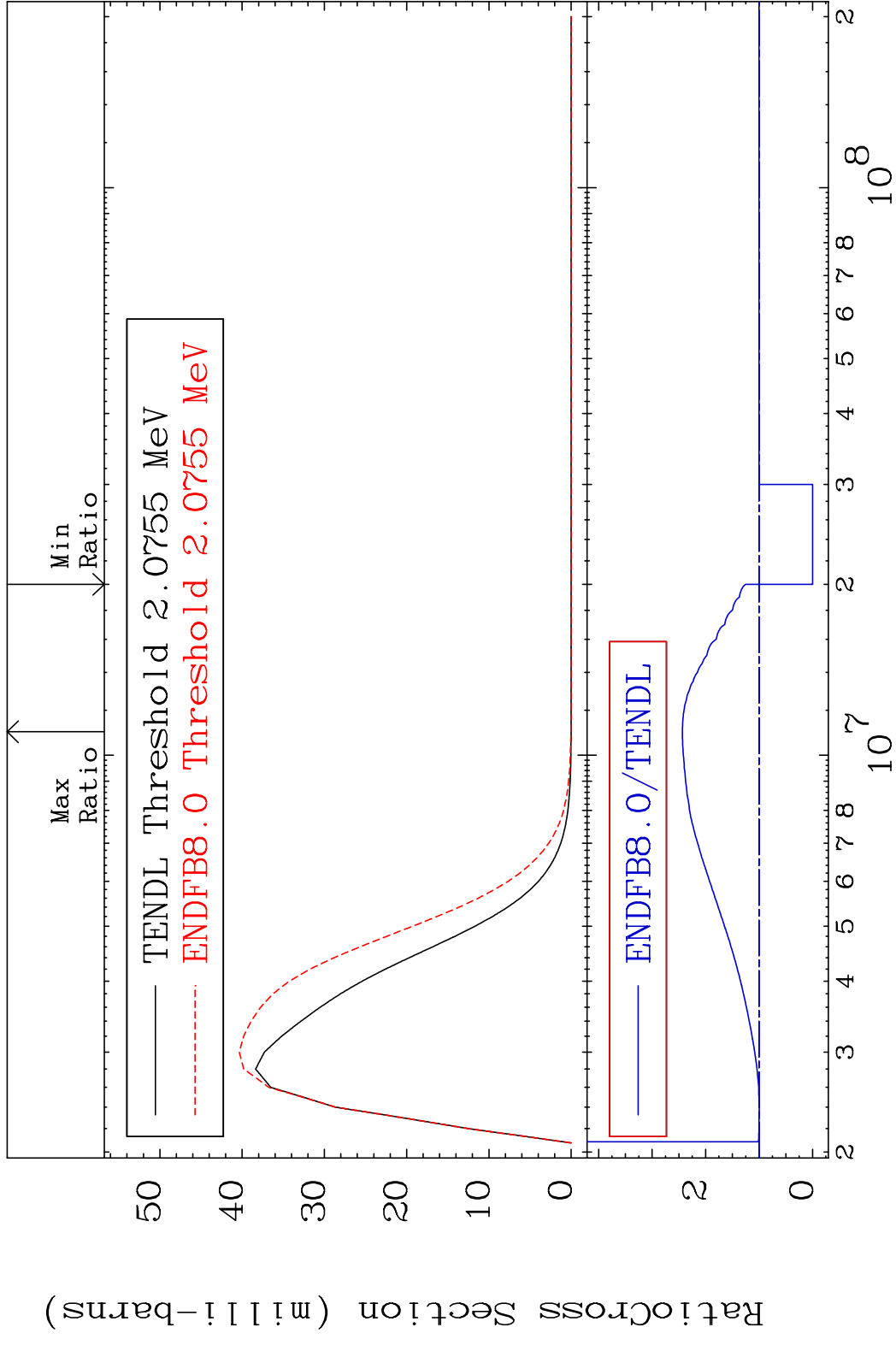
MAT 8225 MT= 66 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 142.0 %



MAT 8225 MT= 67 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 46.55 %

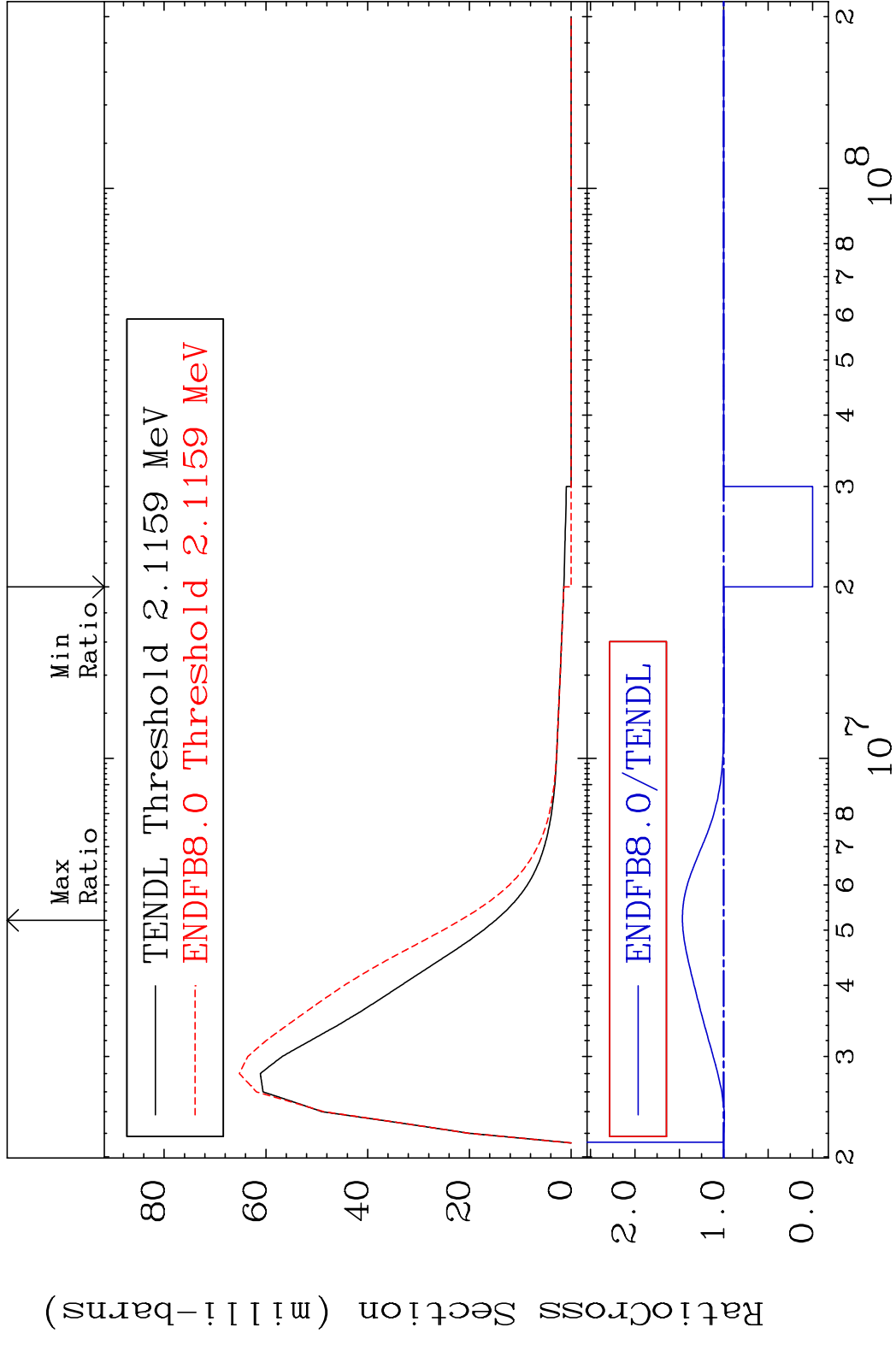


MAT 8225 MT= 68 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 143.5 %

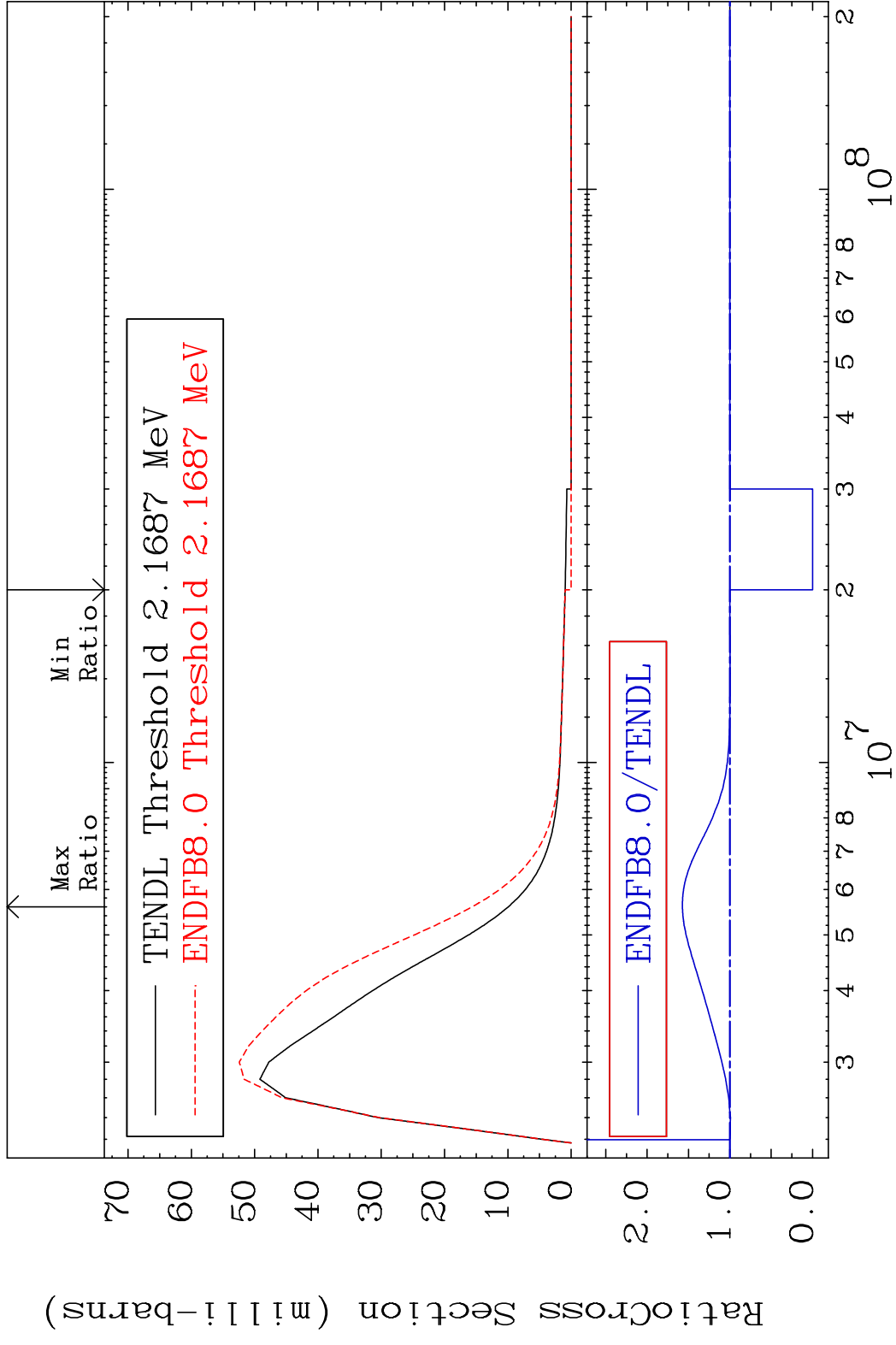


30 Incident Energy (eV) 82-Pb-204

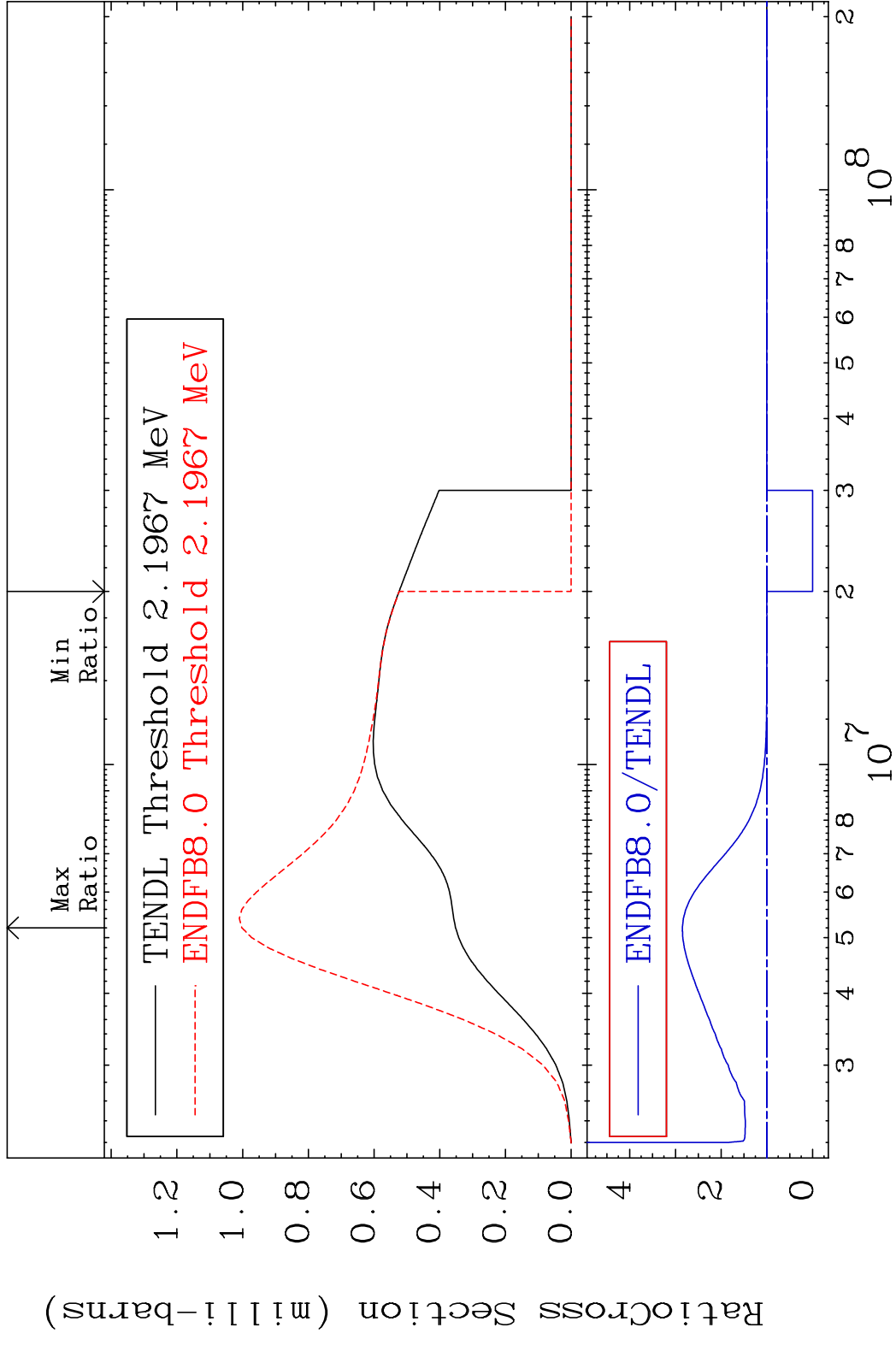
MAT 8225 MT= 69 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 46.61 %



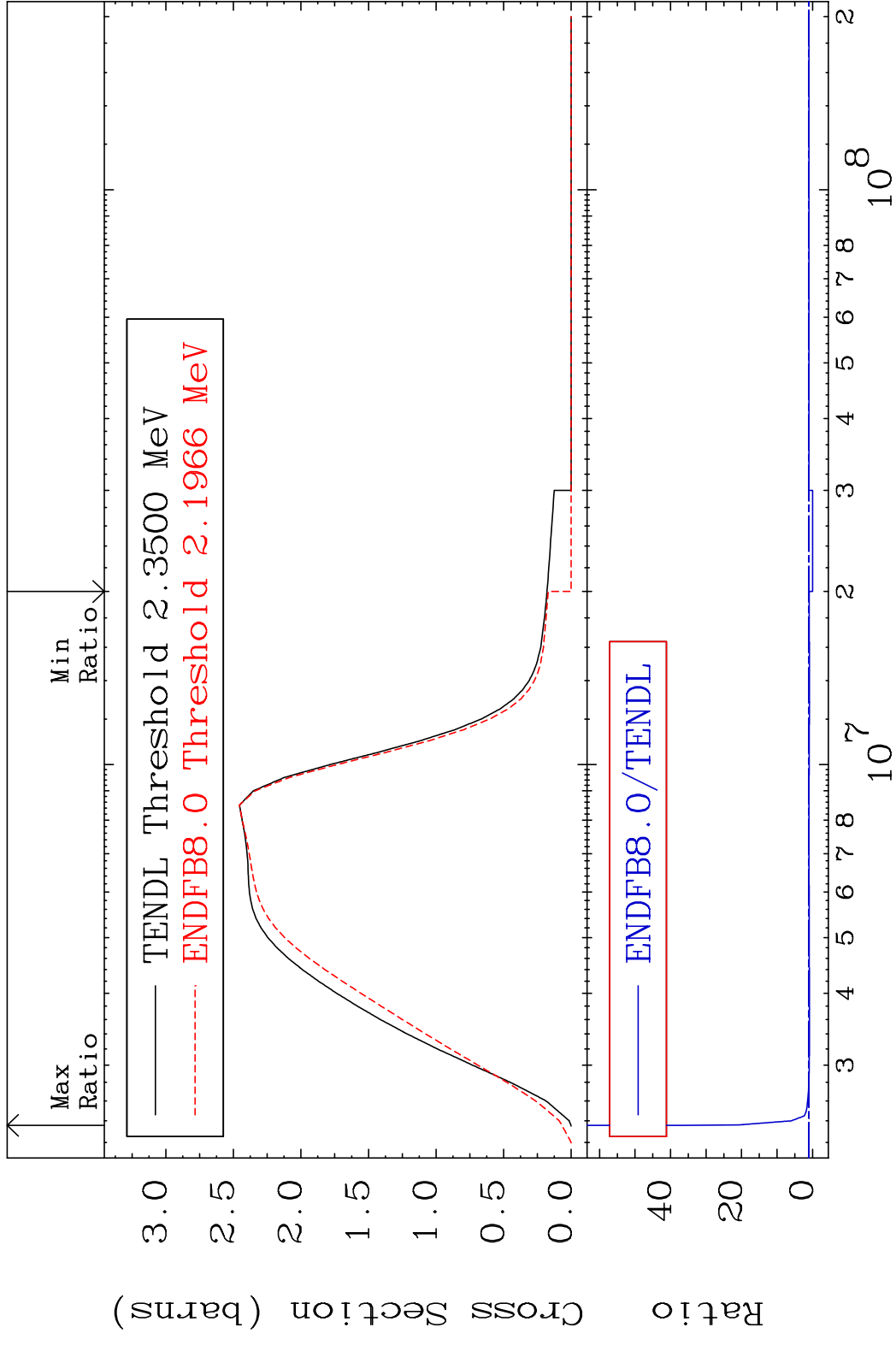
MAT 8225 MT= 70 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 57.43 %



MAT 8225 MT= 71 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 184.9 %



MAT 8225 (n, n') Continuum 82-Pb-204
 Cross Section -100.0 To 3568. %

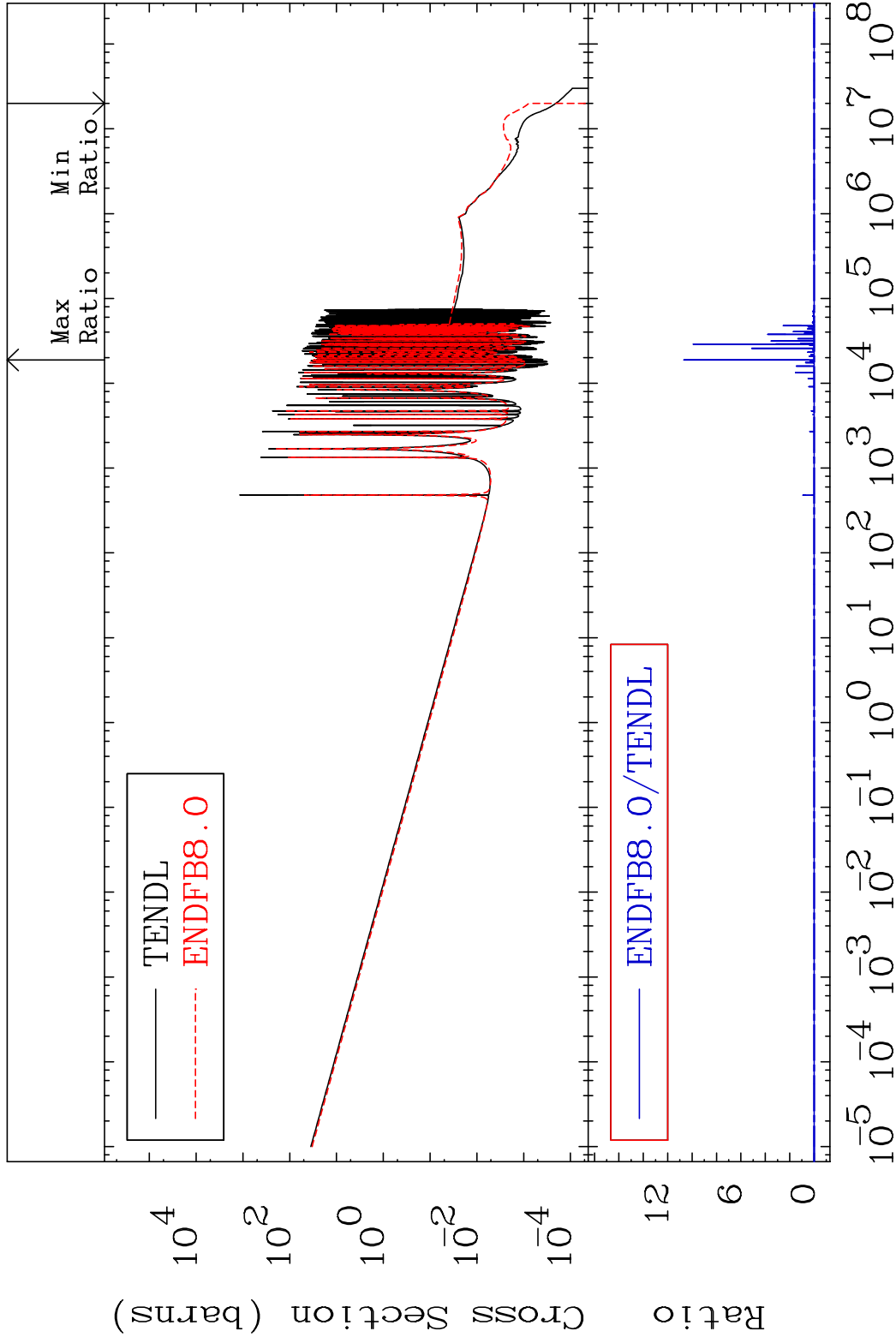


MAT 8225

(n, γ)

82-Pb-204

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

82-Pb-204

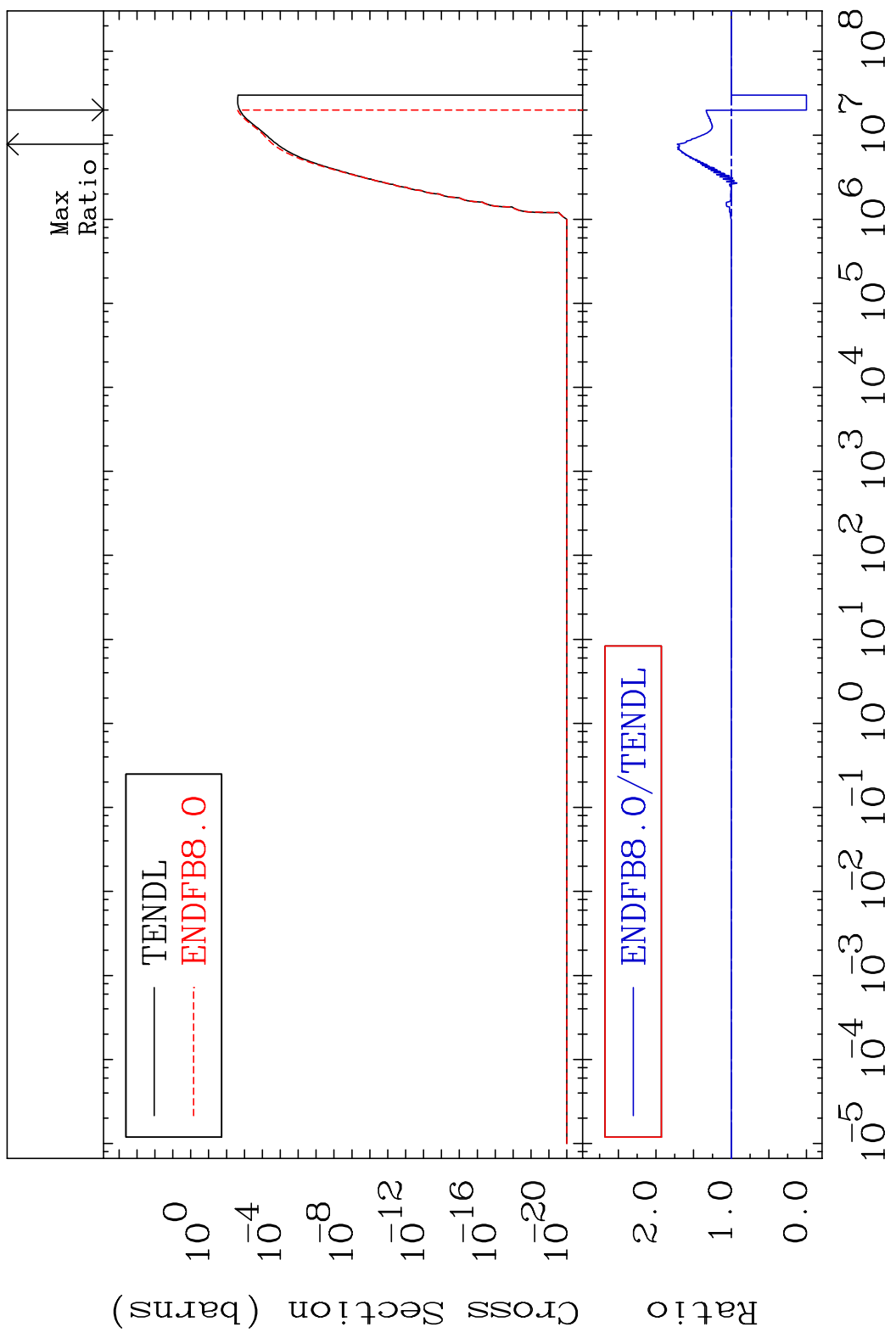
MAT 8225

(n, p)

82-Pb-204

Cross Section

-100.0 To 71.87 %

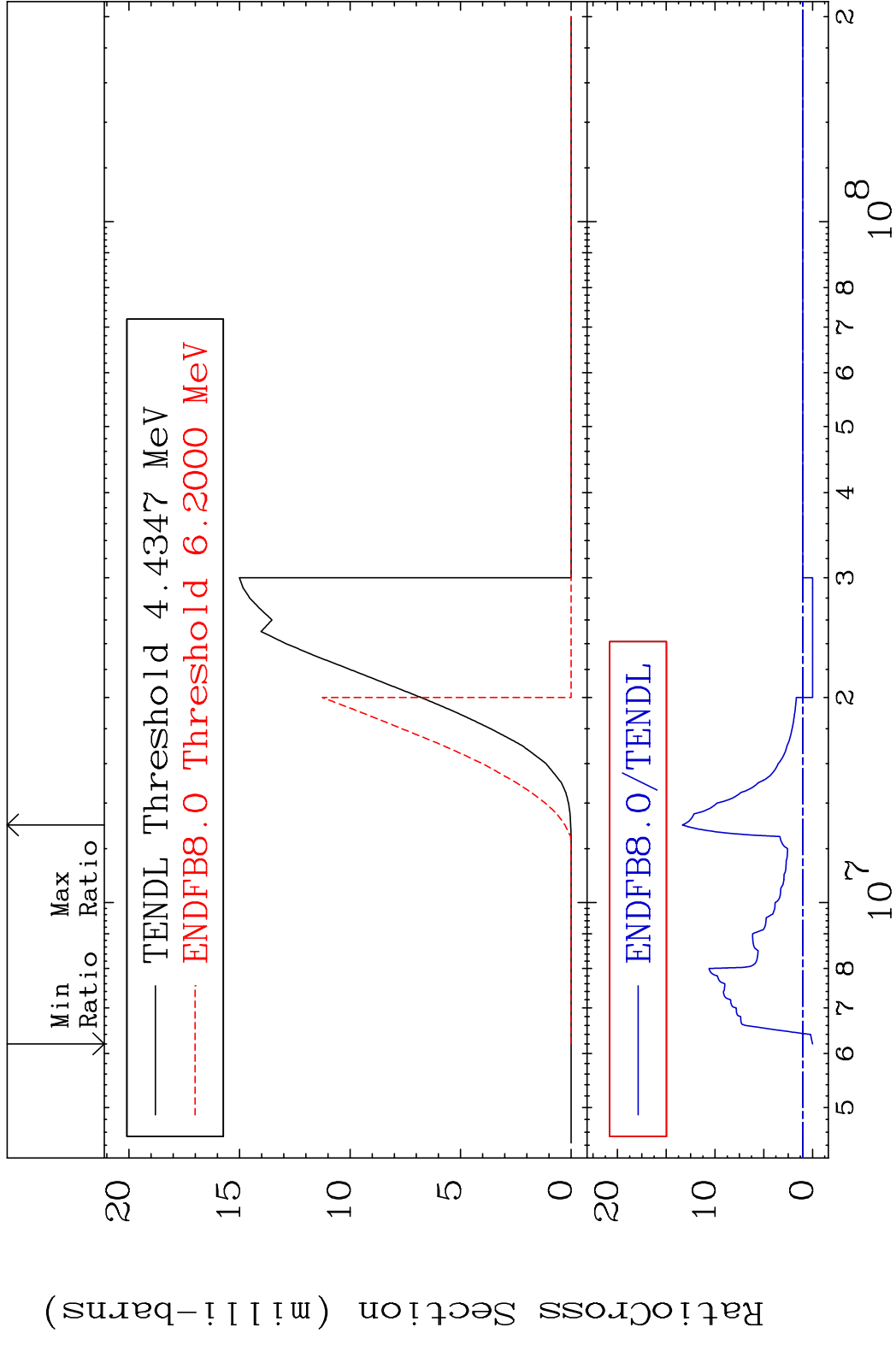


36

Incident Energy (eV)

82-Pb-204

MAT 8225 (n,d) 82-Pb-204
 Cross Section -100.0 To 1235. %

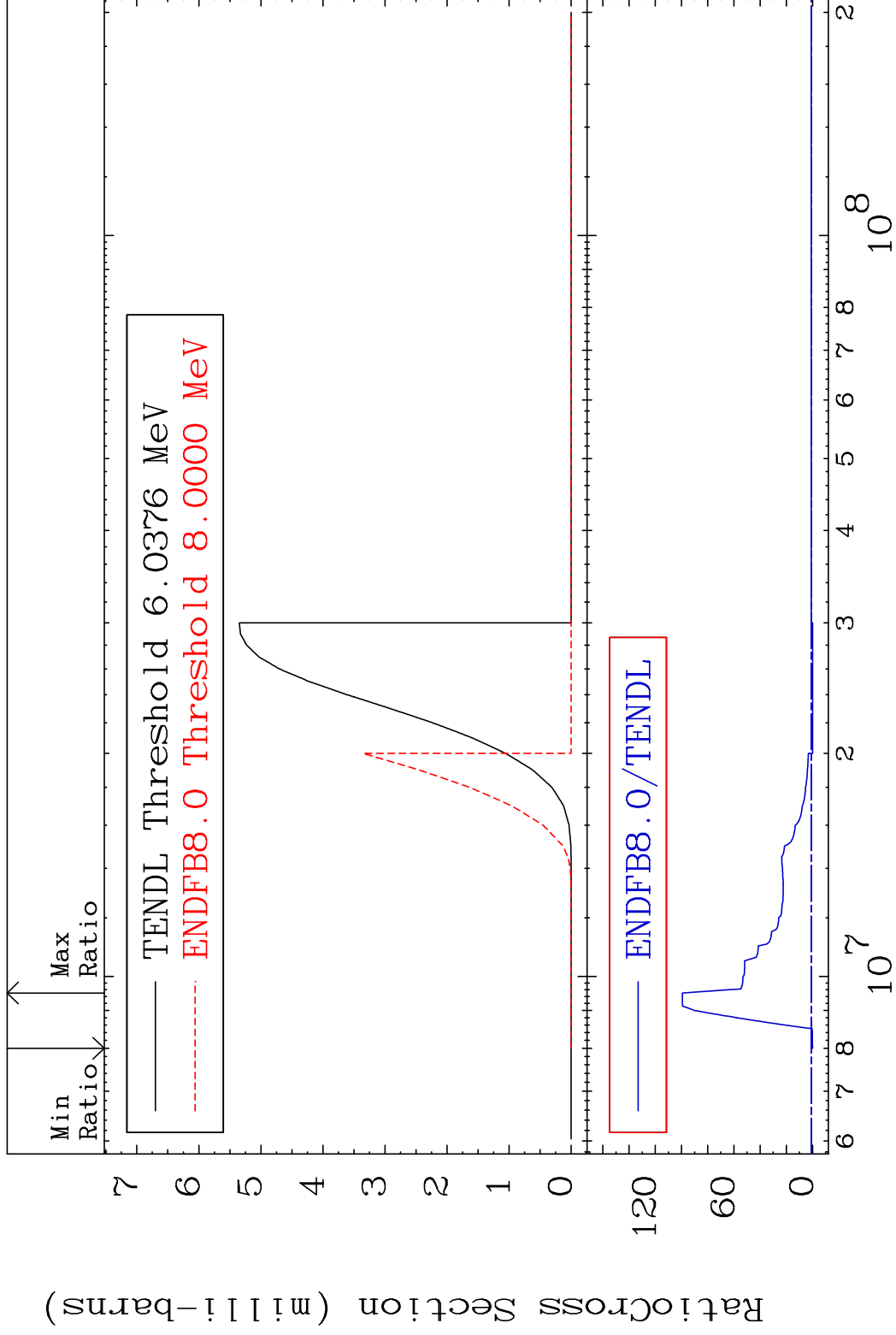


MAT 8225

(n, t)

82-Pb-204

Cross Section -100.0 To 9834. %



38

Incident Energy (eV)

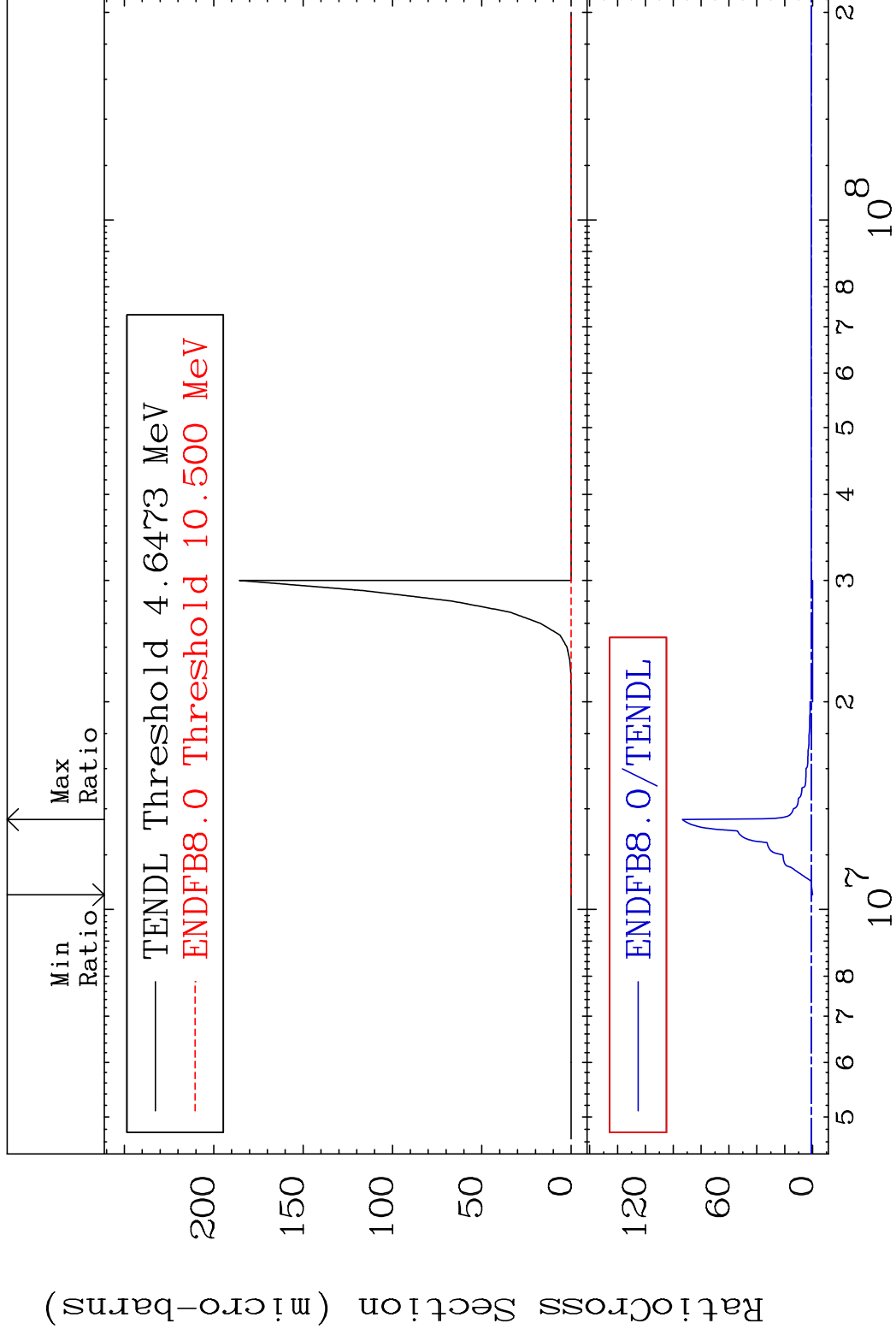
82-Pb-204

MAT 8225

(n, He-3)

82-Pb-204

Cross Section -100.0 To 9247. %



39

Incident Energy (eV)

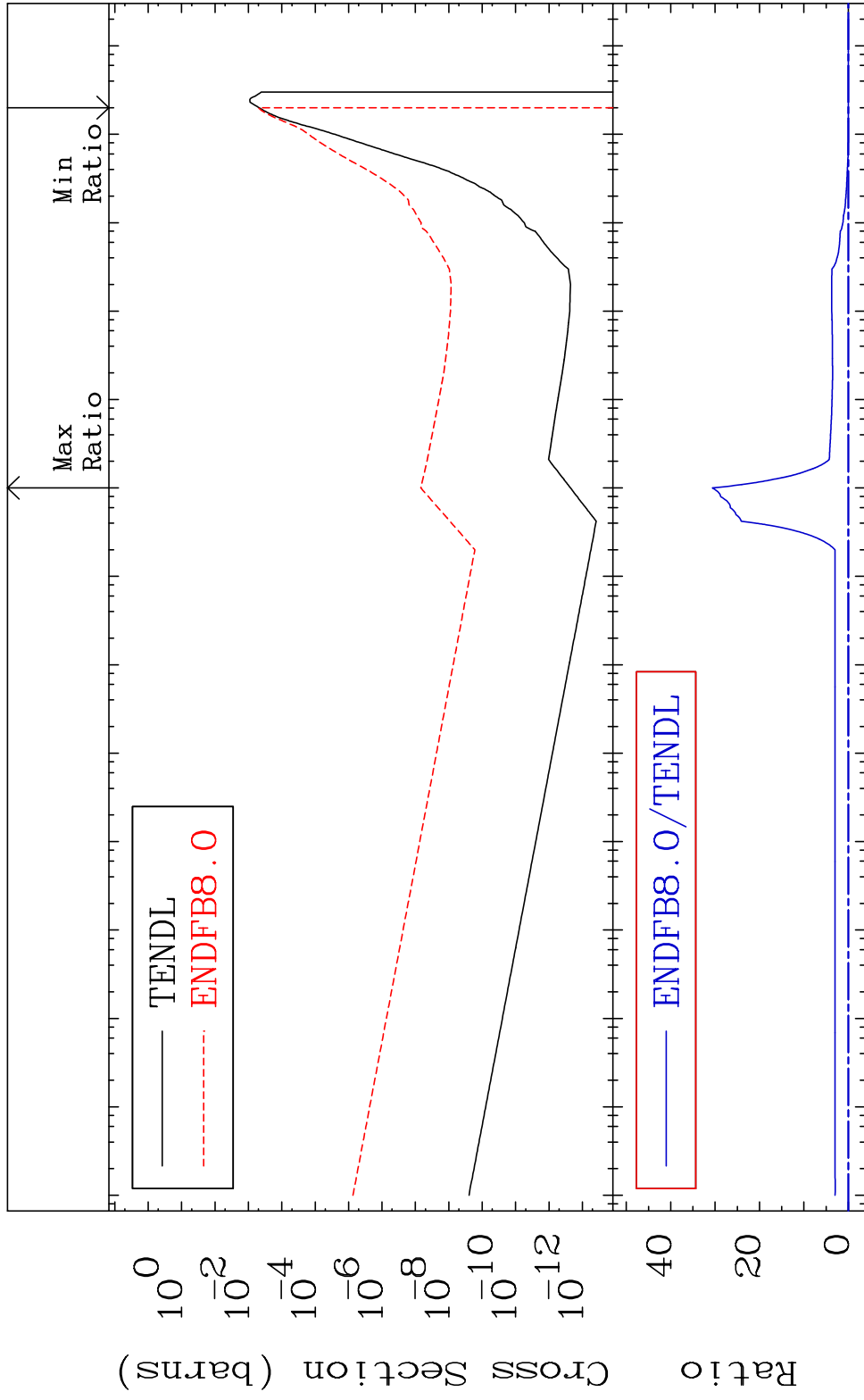
82-Pb-204

MAT 8225

(n, α)

82-Pb-204

Cross Section -100.0 To 9999. %

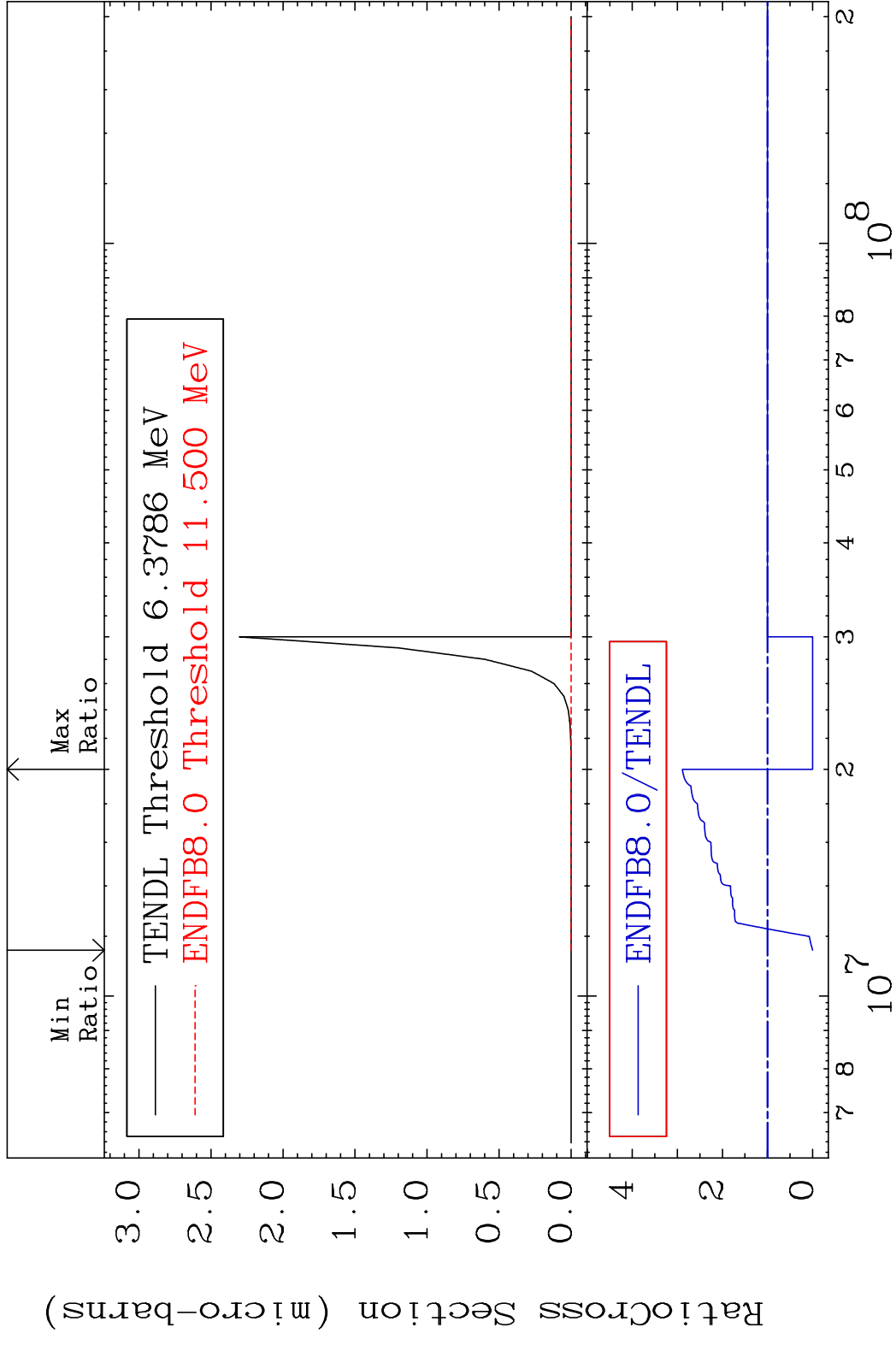


40

Incident Energy (eV)

82-Pb-204

MAT 8225 (n,2p) 82-Pb-204
 Cross Section -100.0 To 189.0 %



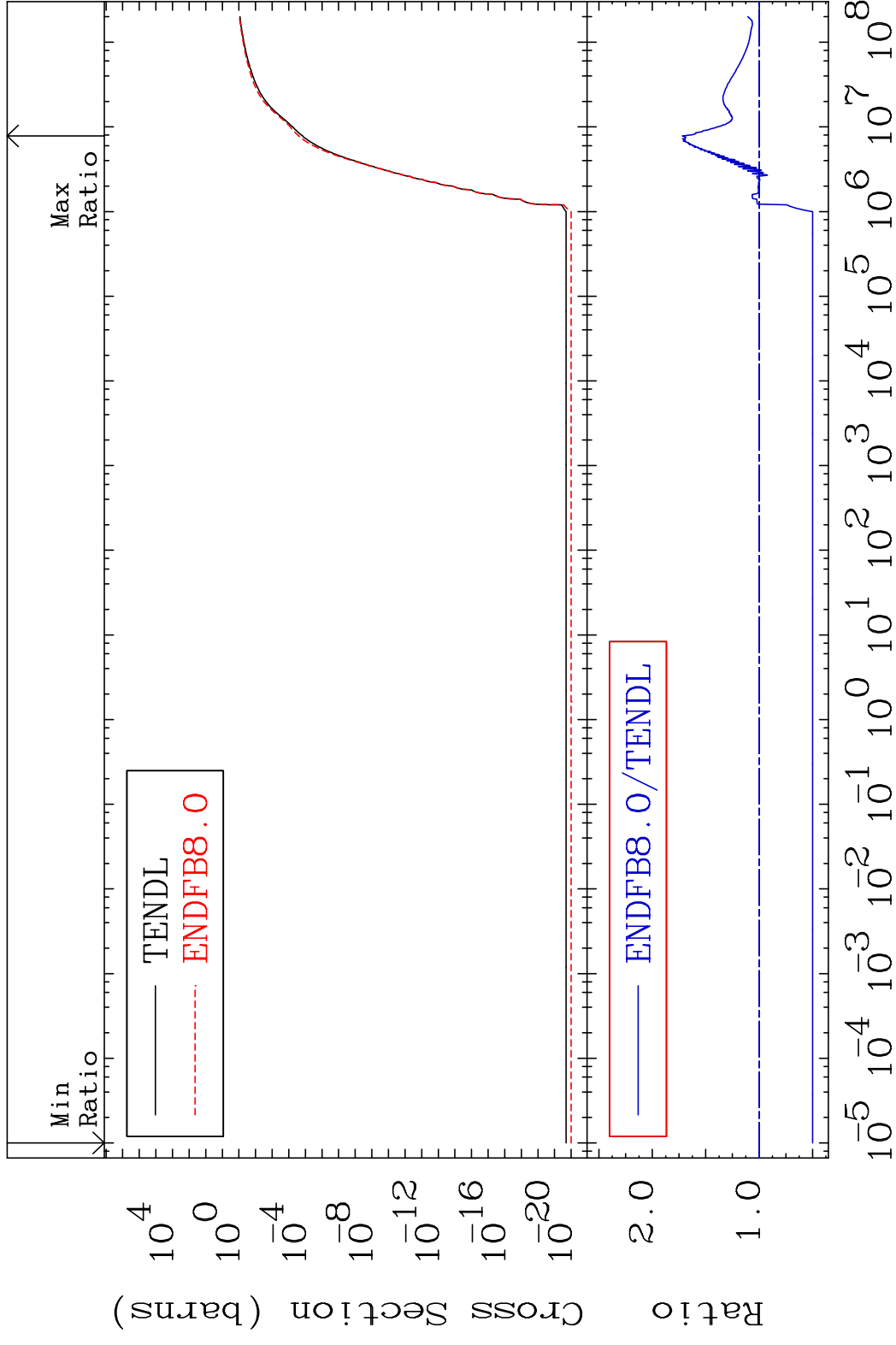
MAT 8225

Hydrogen Production

82-Pb-204

Cross Section

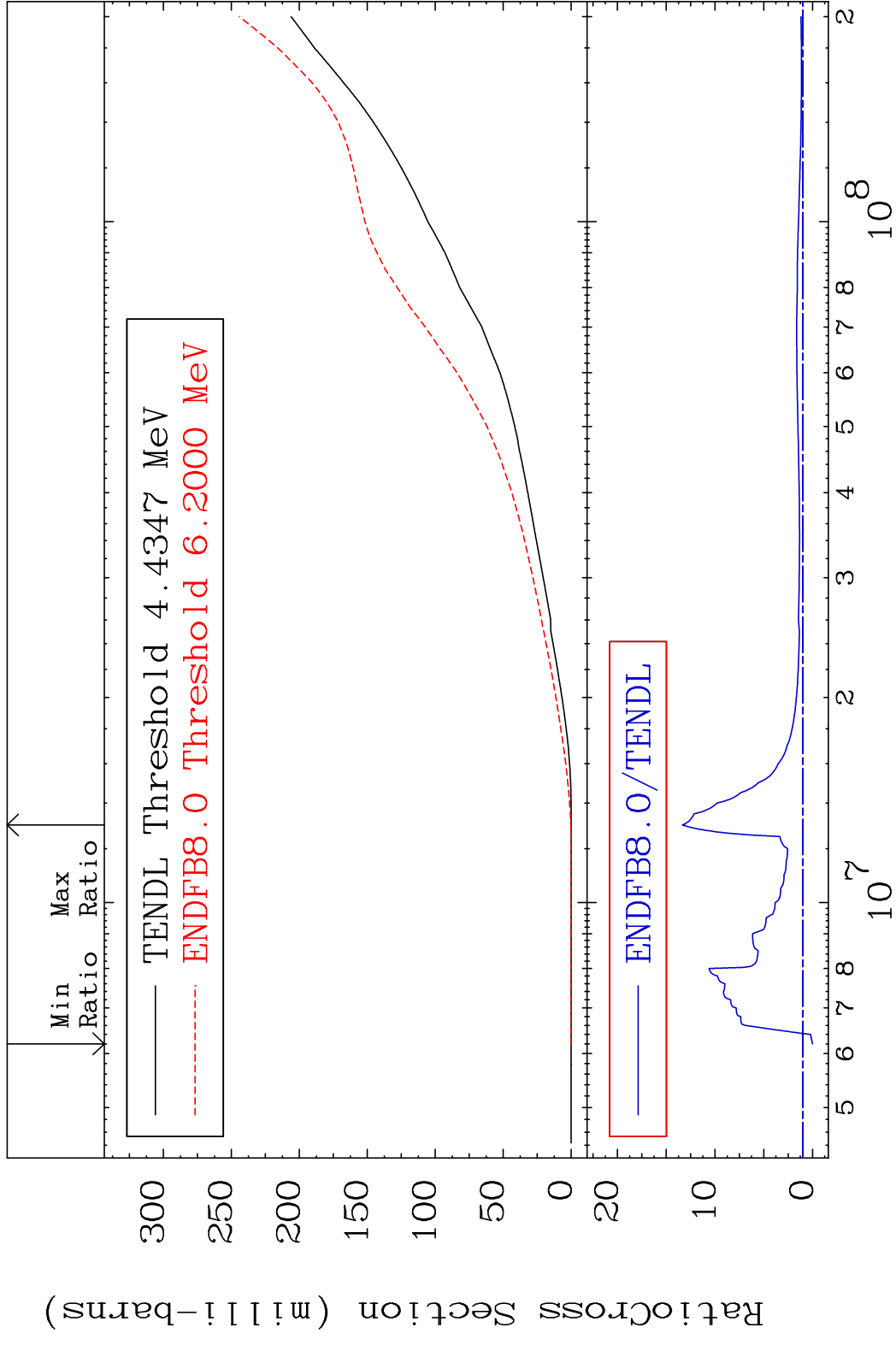
-50.00 To 71.87 %



MAT 8225

Deuterium Production 82-Pb-204

Cross Section -100.0 To 1235. %



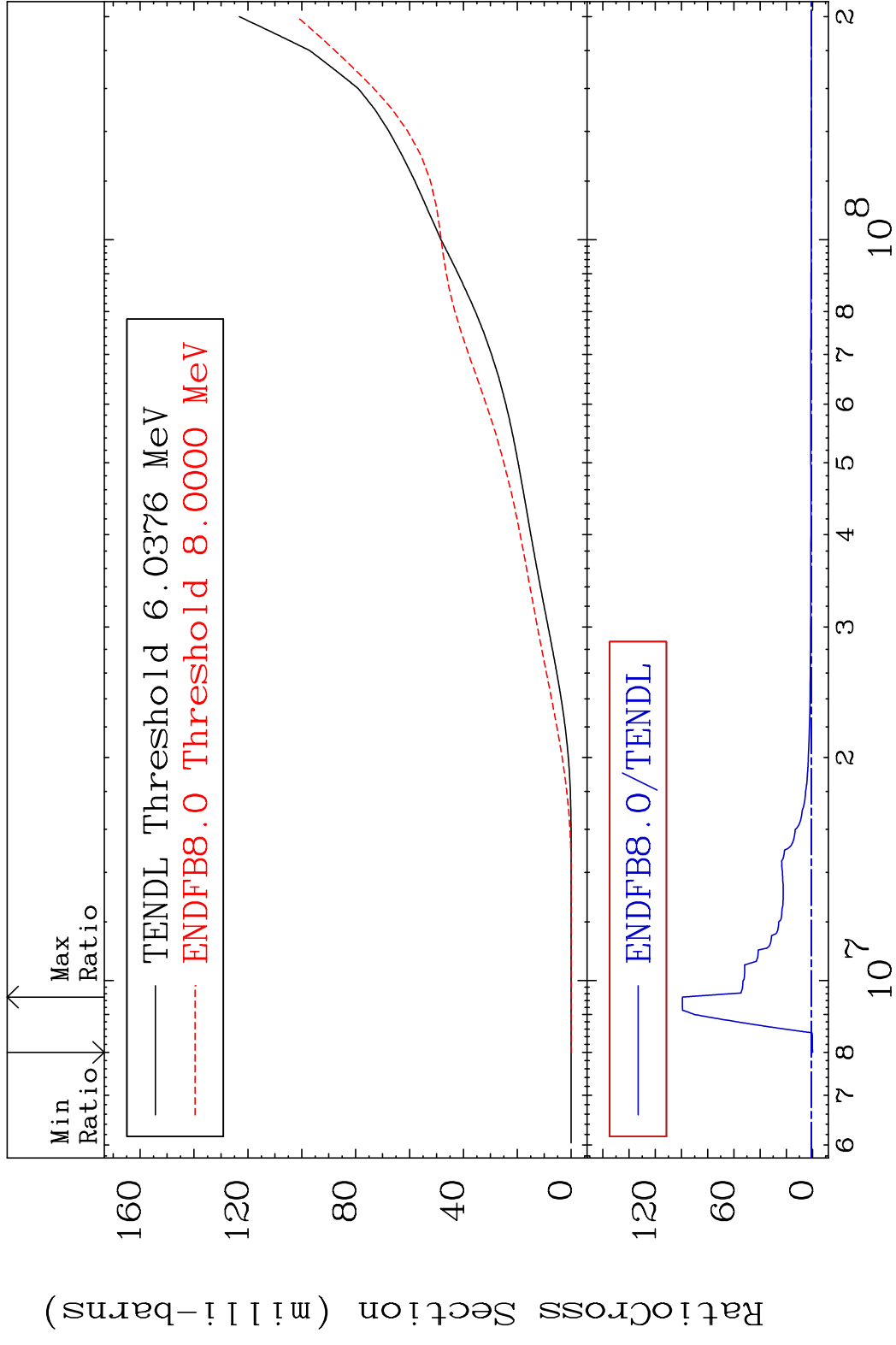
43

Incident Energy (eV)

82-Pb-204

MAT 8225

Tritium Production 82-Pb-204
Cross Section -100.0 To 9834. %



44

Incident Energy (eV)

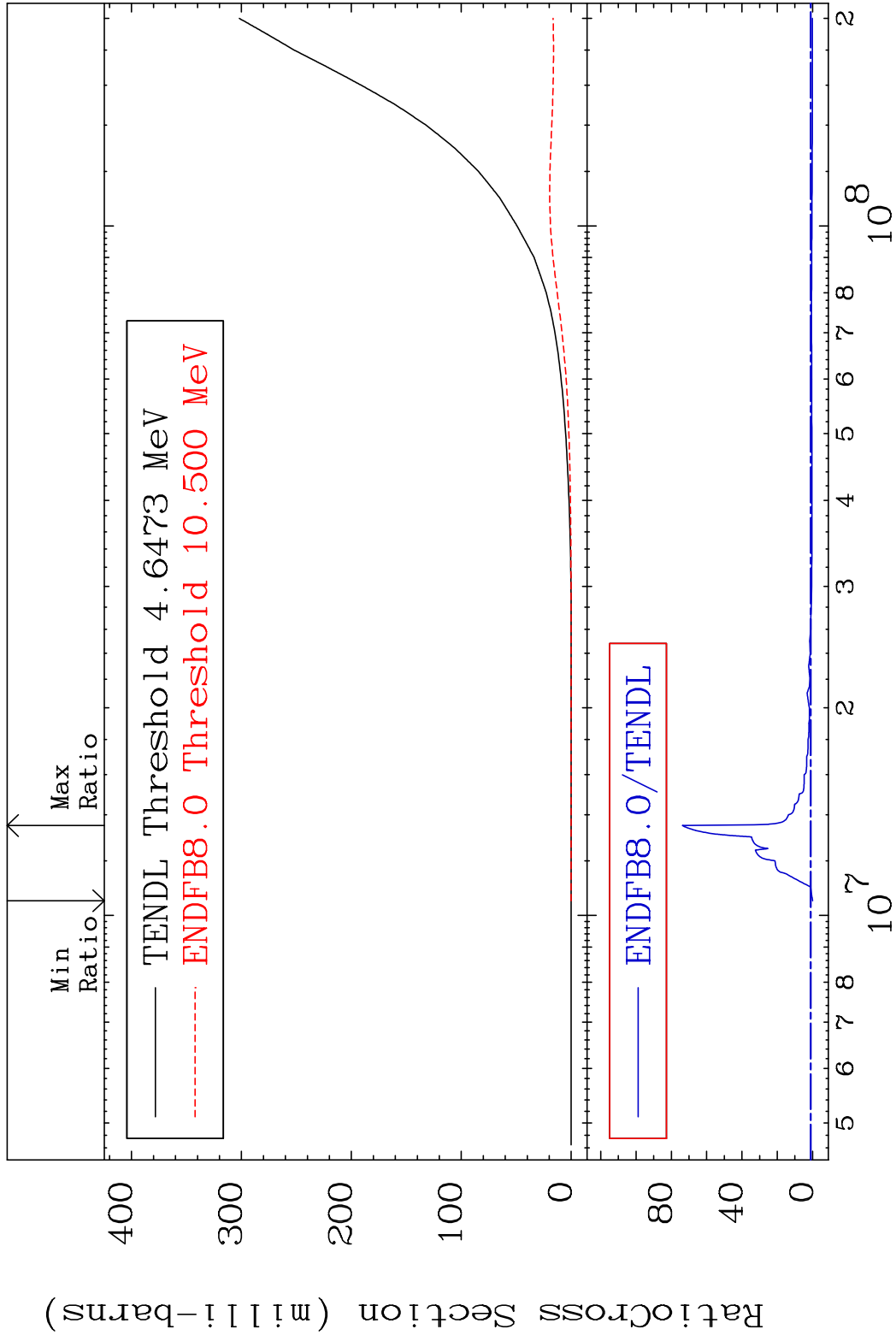
82-Pb-204

MAT 8225

He-3 Production

82-Pb-204

Cross Section -100.0 To 7276. %



45

Incident Energy (eV)

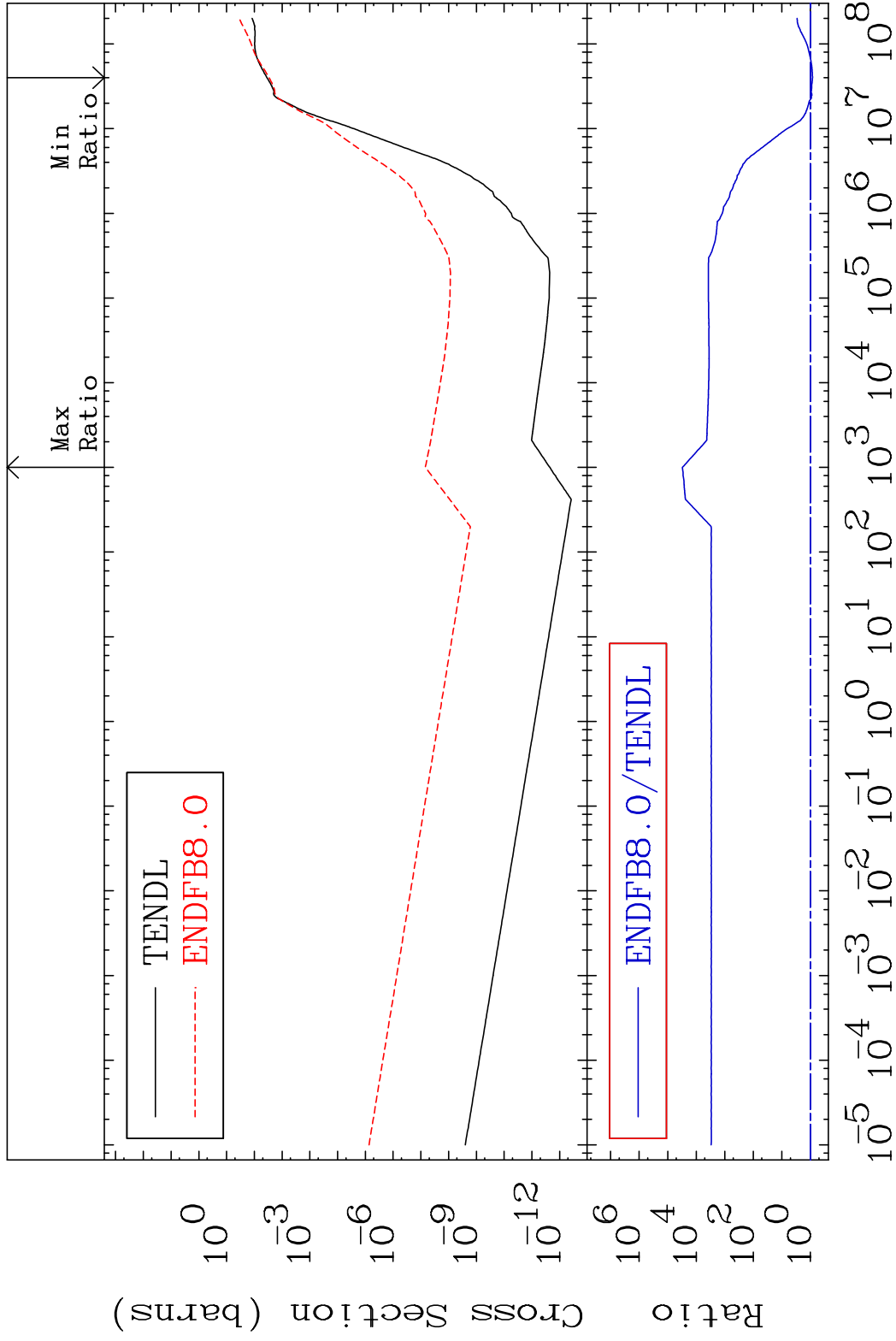
82-Pb-204

MAT 8225

He-4 Production

82-Pb-204

Cross Section -16.47 To 9999. %



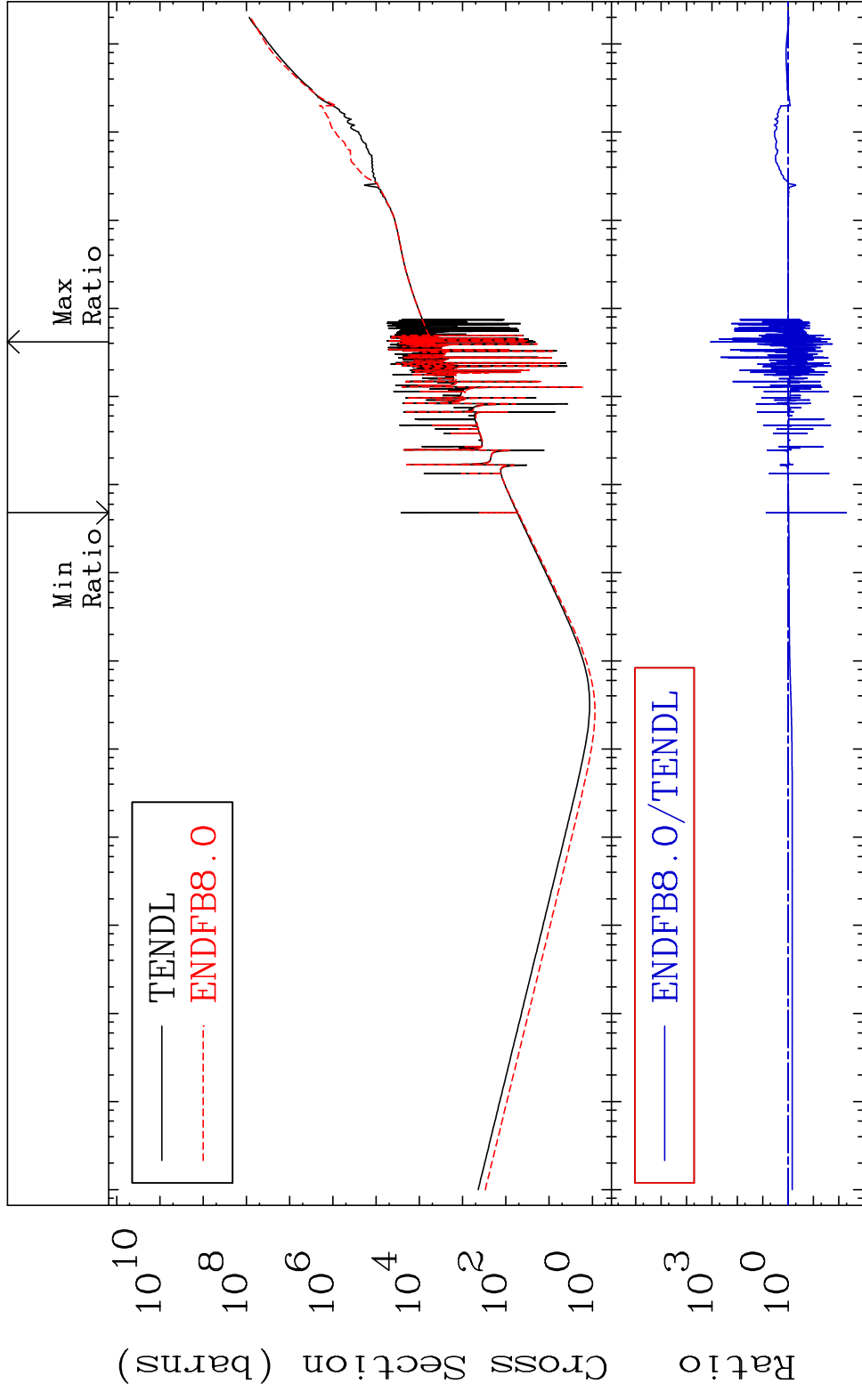
46

Incident Energy (eV)

82-Pb-204

MAT 8225

Kerma total (eV-barns) 82-Pb-204
Cross Section -99.49 To 9999. %

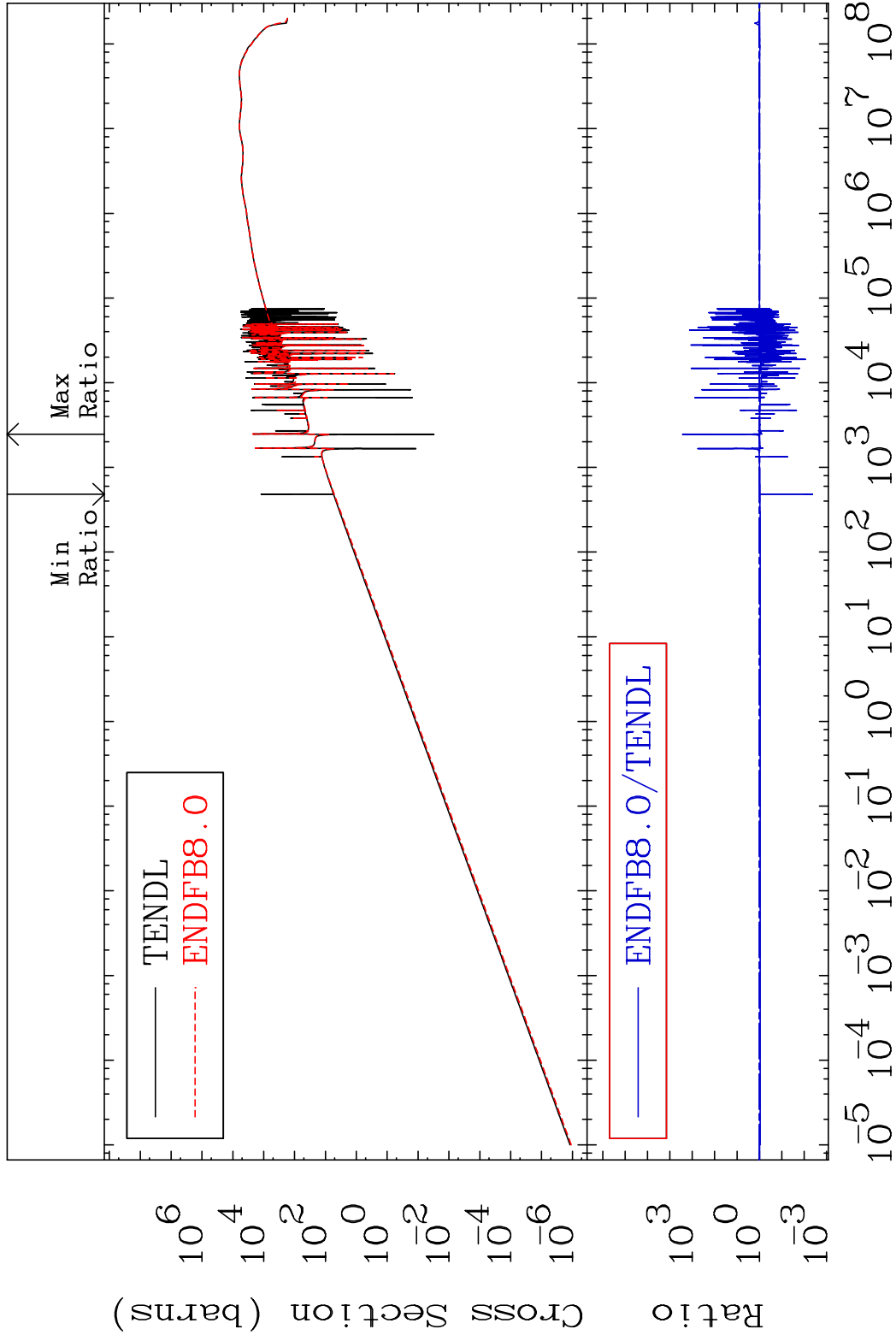


MAT 8225

Kerma elastic

82-Pb-204

Cross Section -99.58 To 9999. %

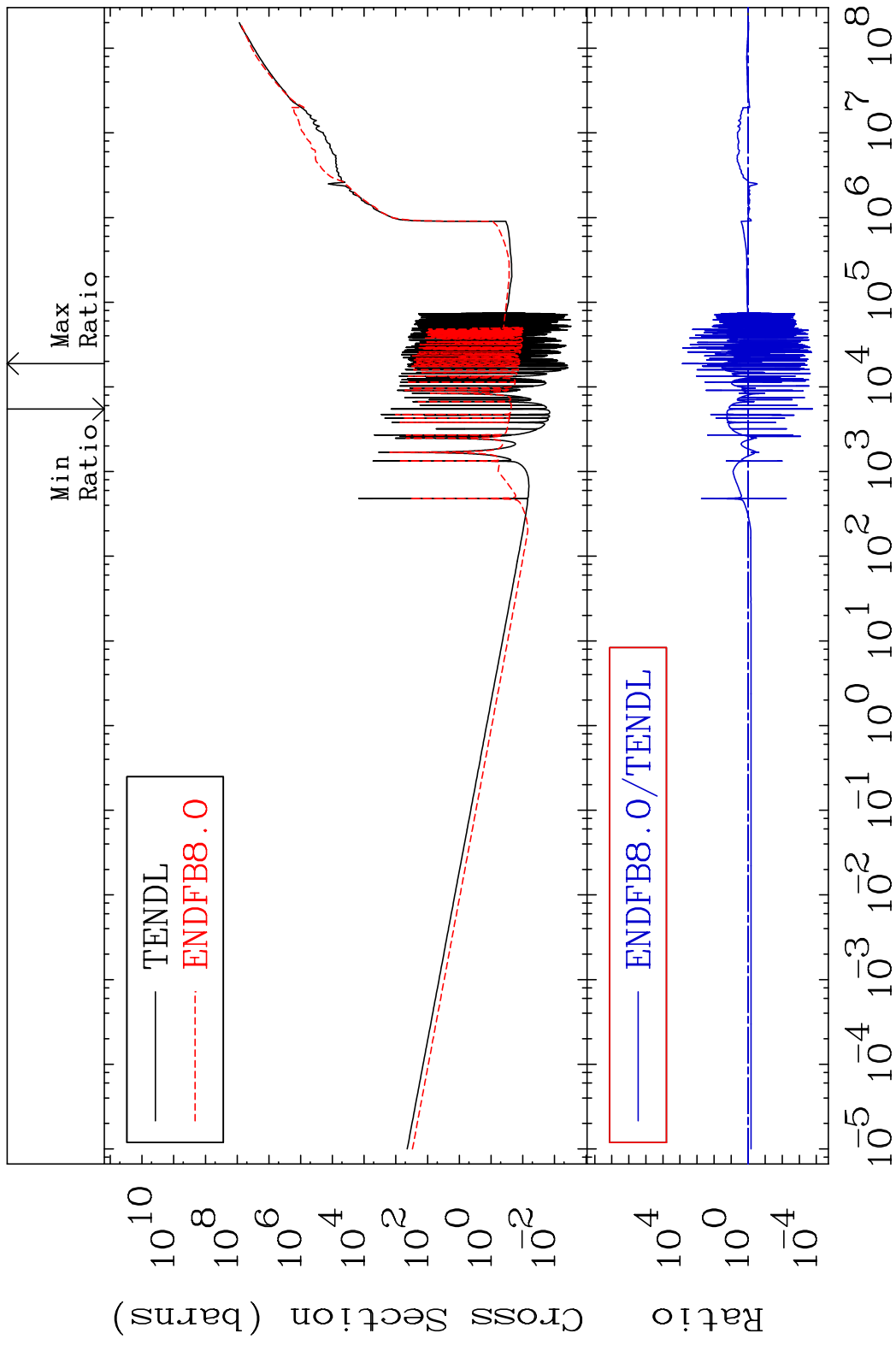


48

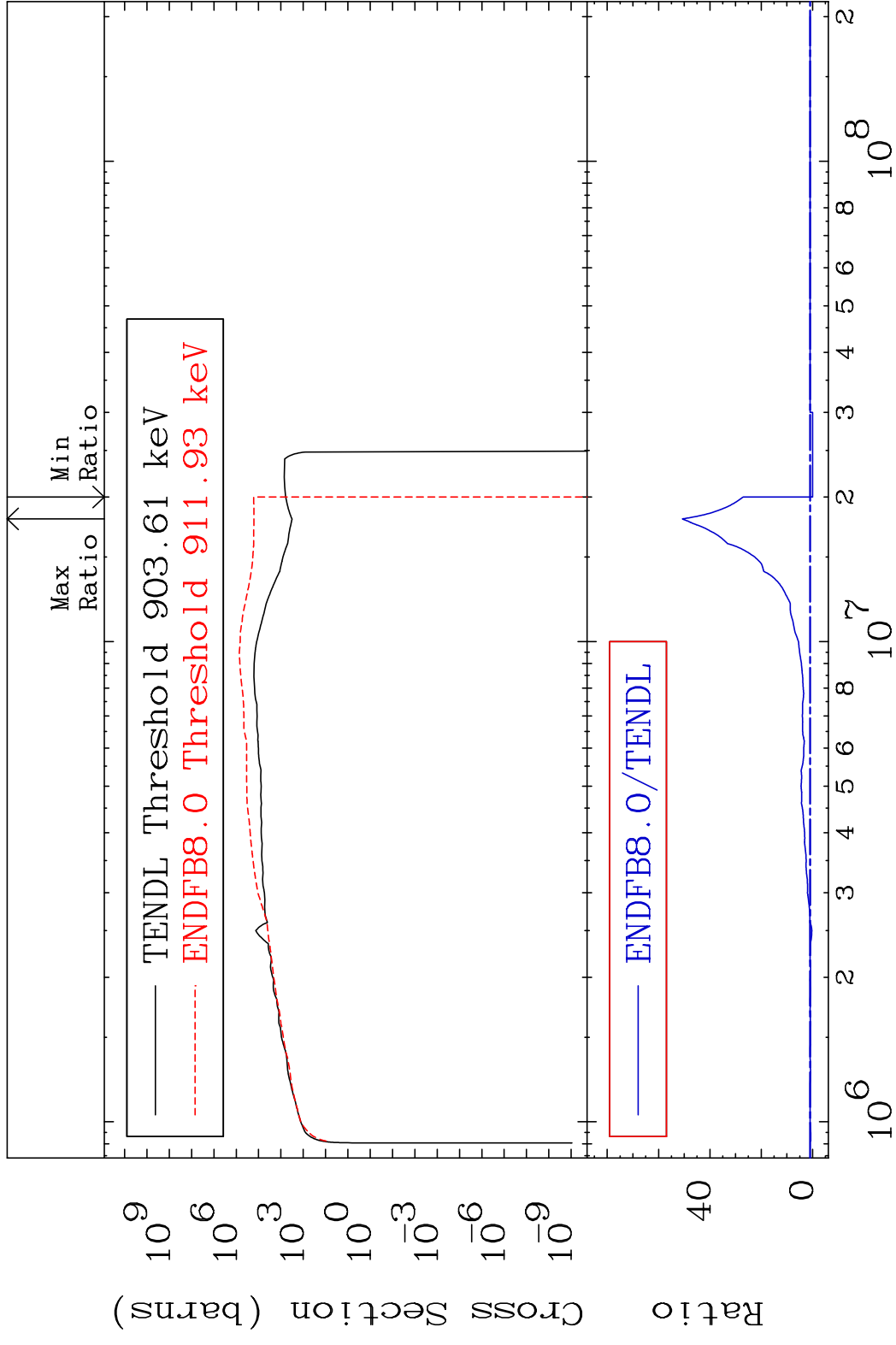
Incident Energy (eV)

82-Pb-204

MAT 8225 Kerma non-elastic (all but mt2) 82-Pb-204
 Cross Section -99.98 To 9999. %

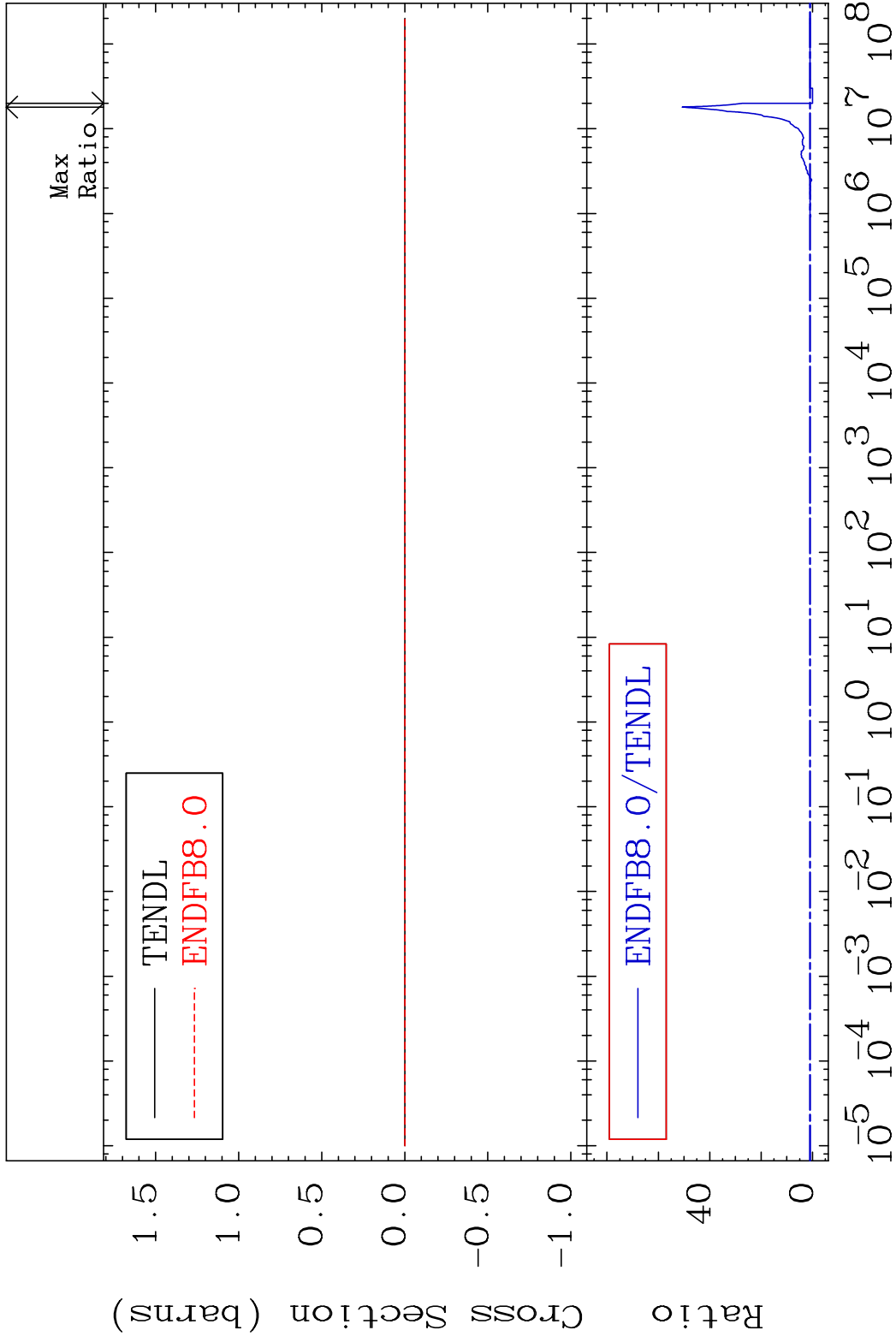


MAT 8225 Kerma inelastic (mt51-91) 82-Pb-204
 Cross Section -100.0 To 4973. %

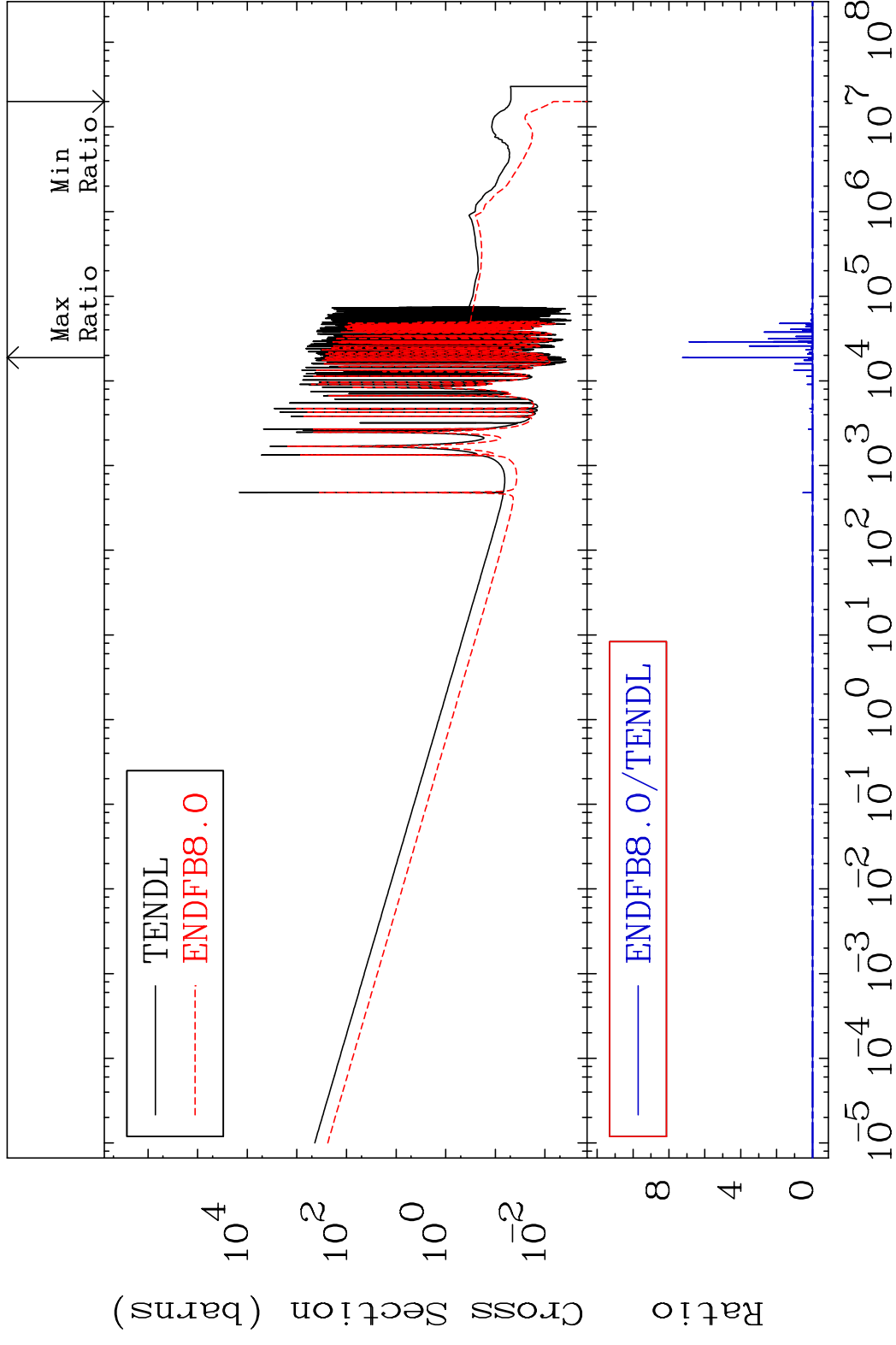


50 Incident Energy (eV) 82-Pb-204

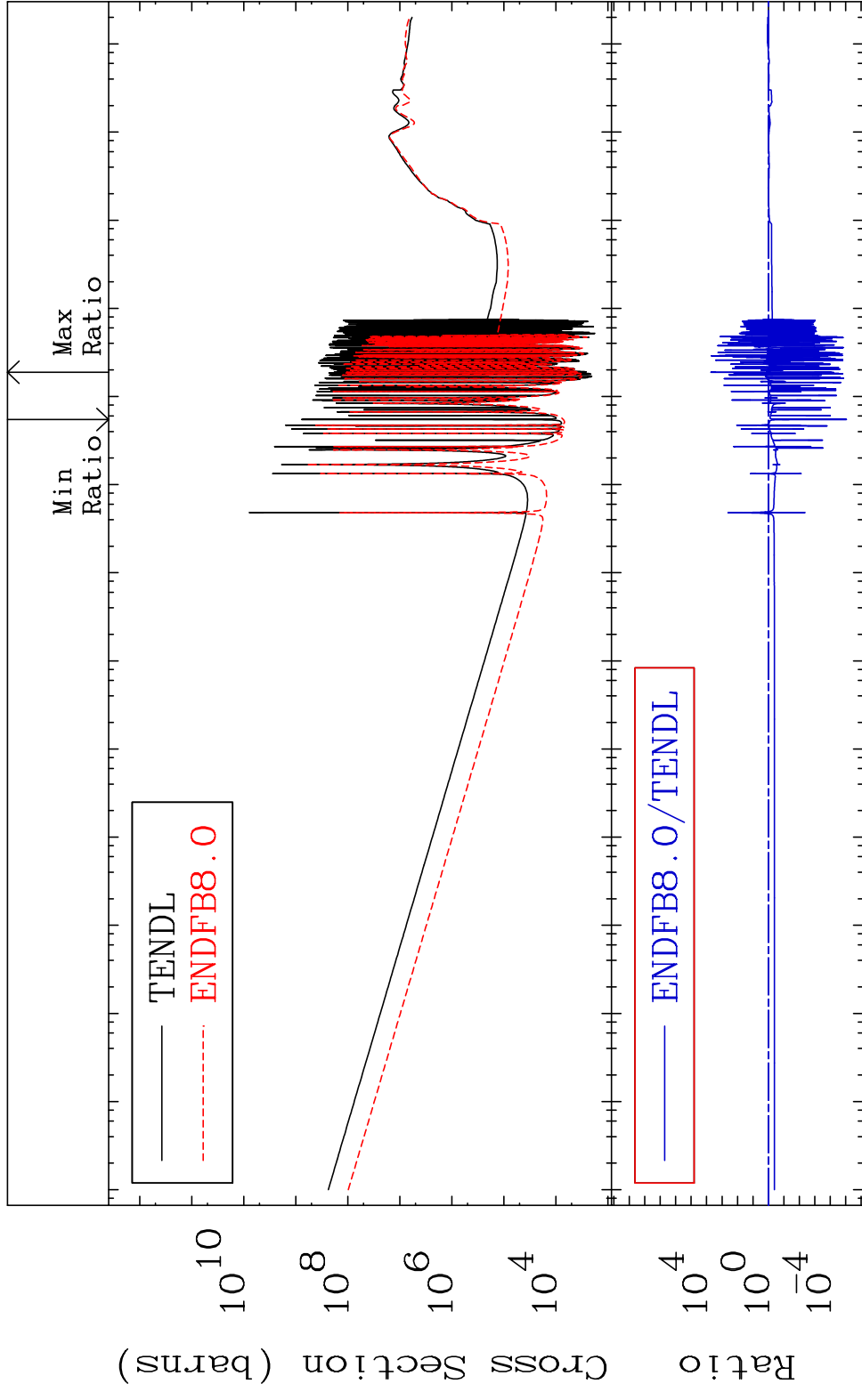
MAT 8225 Kerma fission (mt18 or mt19-20-21-38) β 2-Pb-204
 Cross Section -100.0 To 4973. %



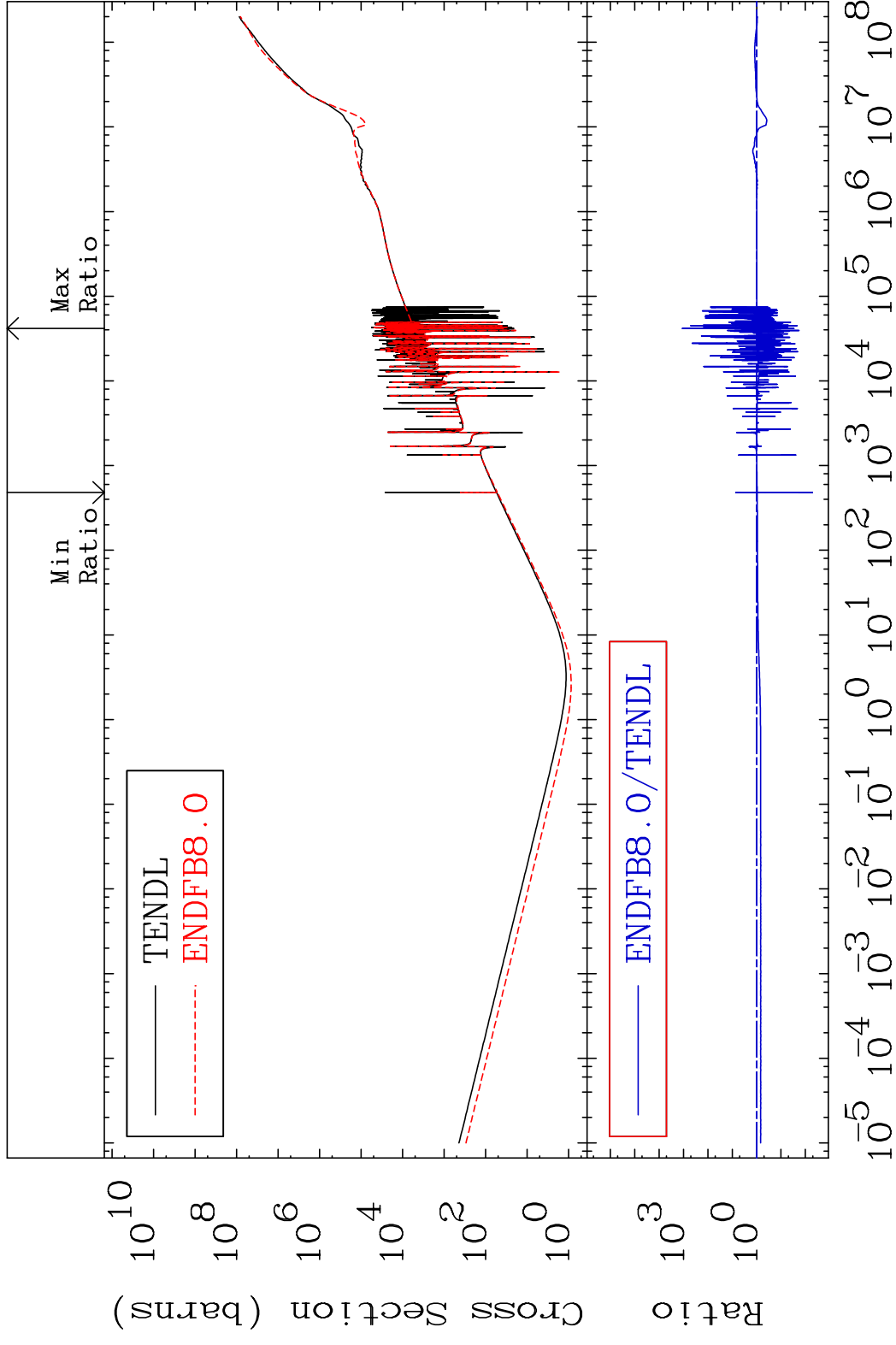
MAT 8225 Kerma capture (mt102) 82-Pb-204
 Cross Section -100.0 To 9999. %



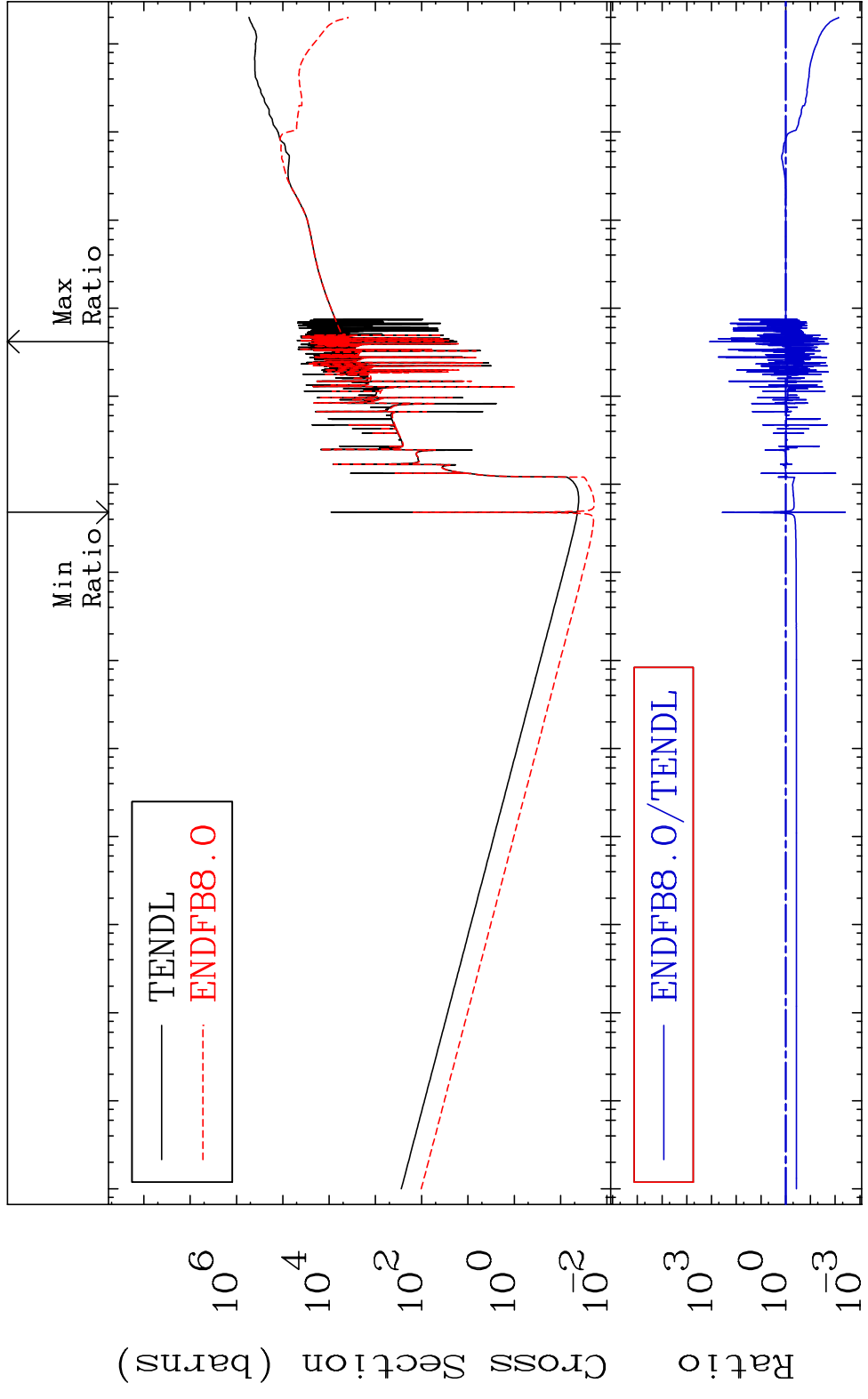
MAT 8225 Total photon (eV-barns) 82-Pb-204
 Cross Section -100.0 To 9999. %



MAT 8225 Total kinematic kerma (high limit) 82-Pb-204
 Cross Section -99.49 To 9999. %



MAT 8225 Dpa total (eV-barns) 82-Pb-204
 Cross Section -99.61 To 9999. %

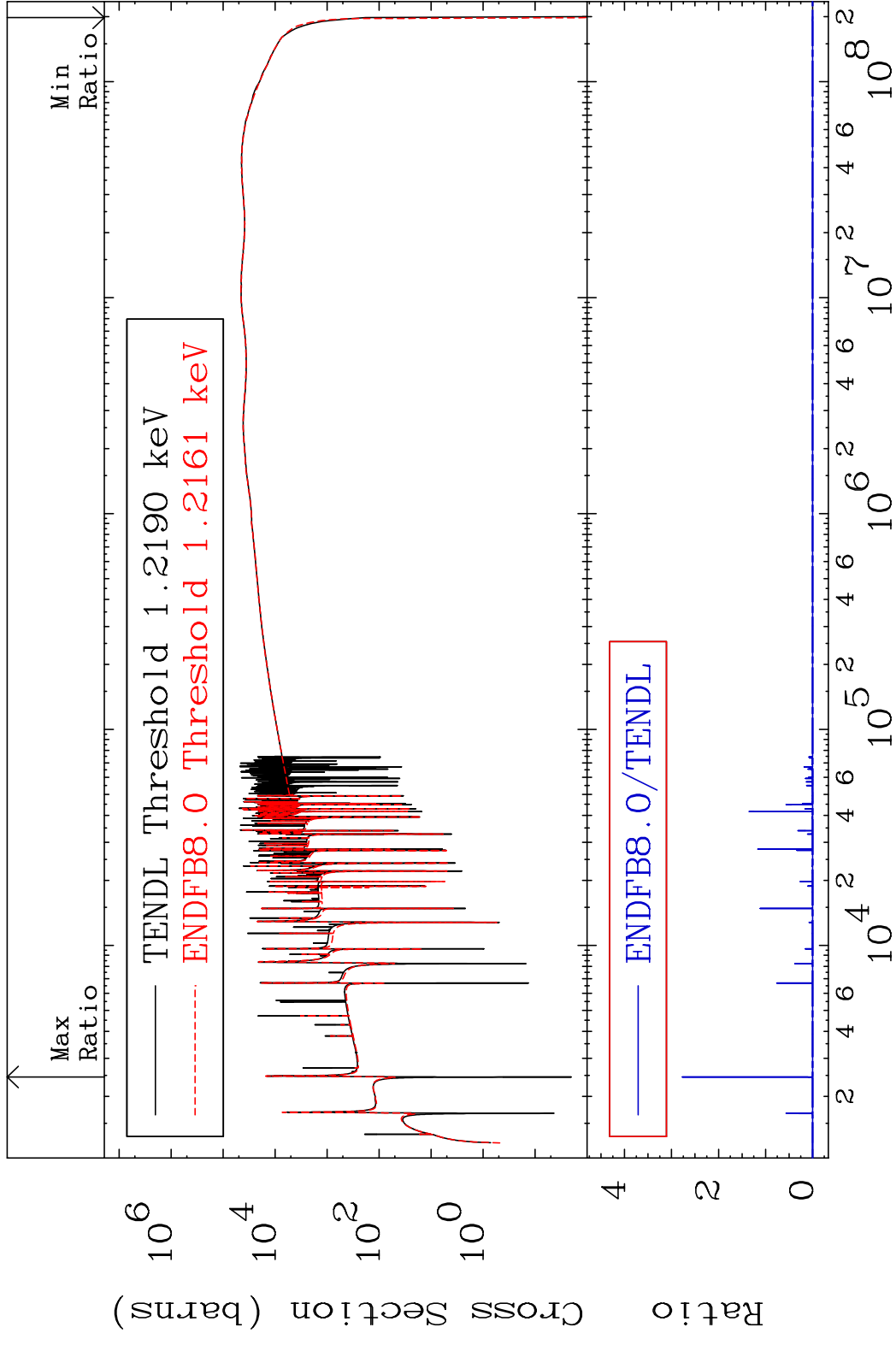


MAT 8225

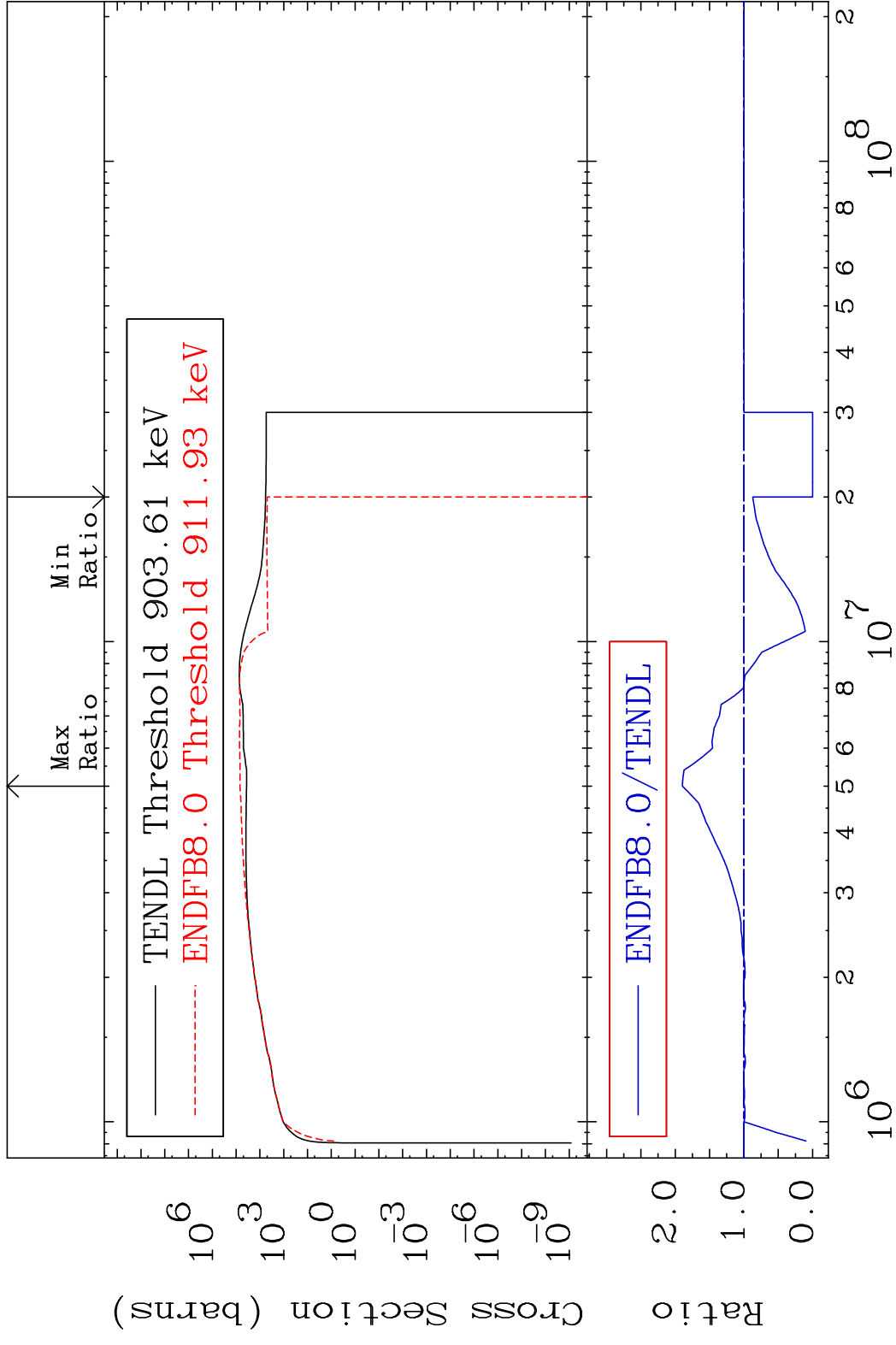
Dpa elastic (mt2)

82-Pb-204

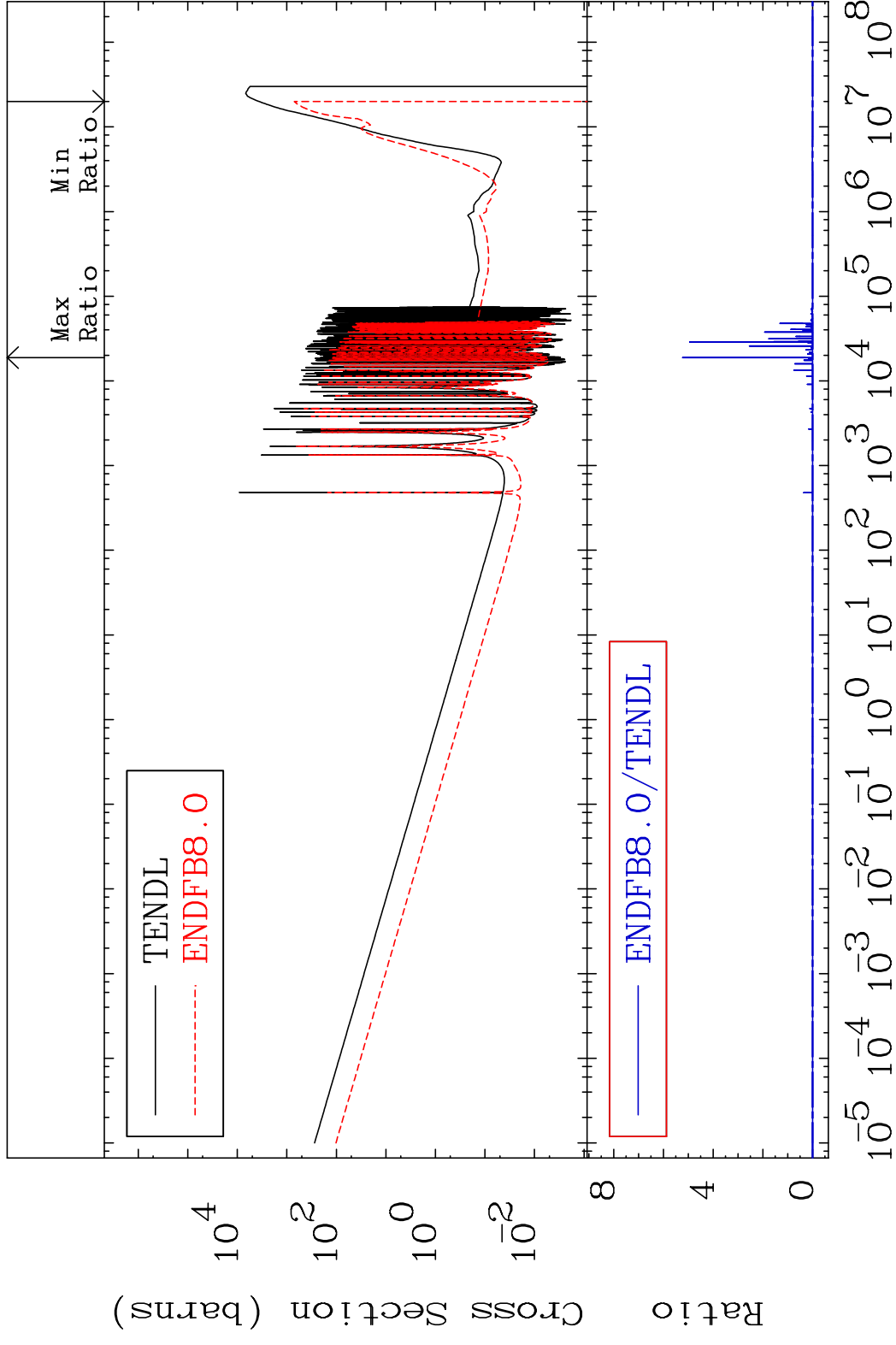
Cross Section -100.0 To 9999. %



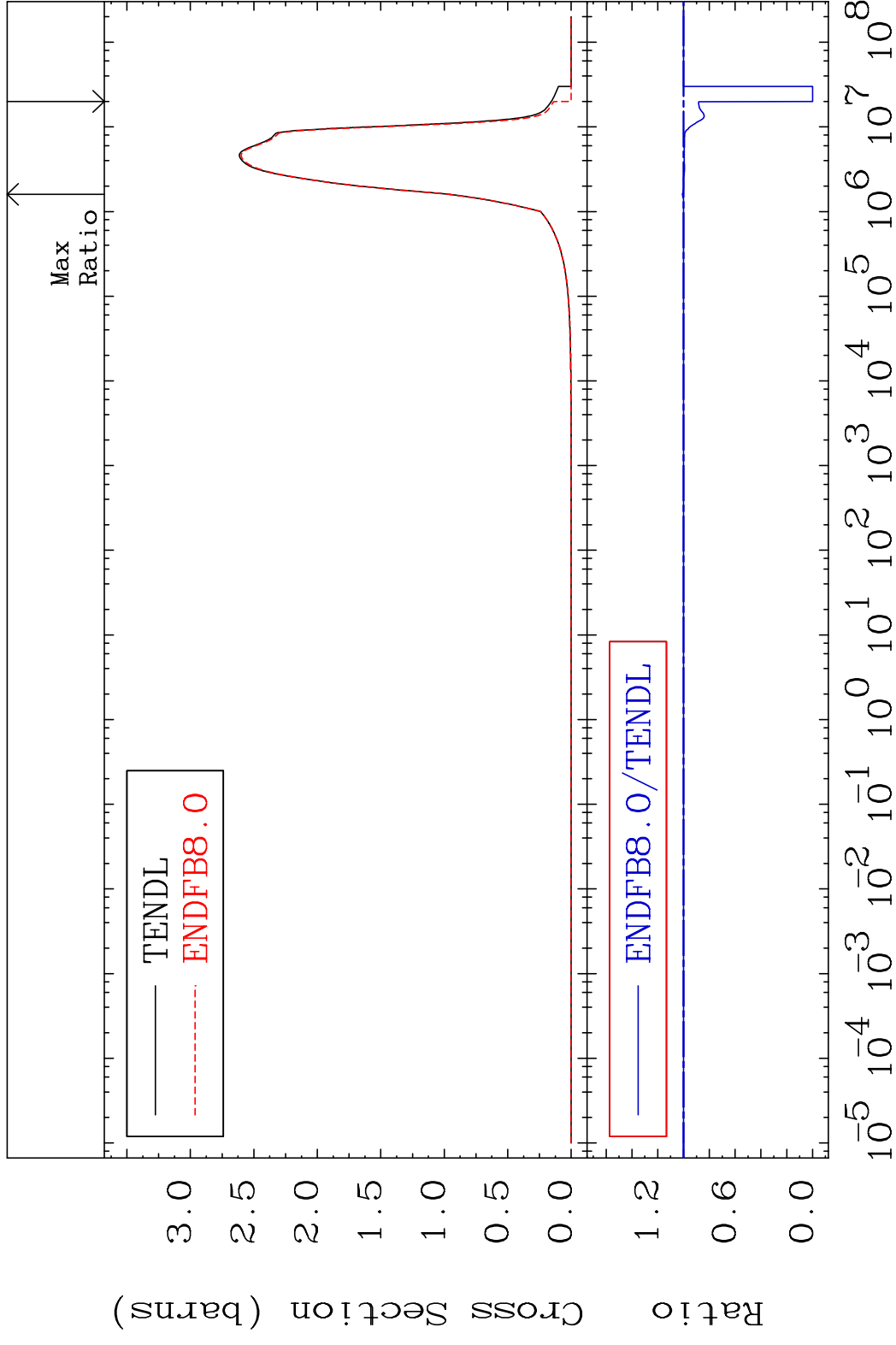
MAT 8225 Dpa inelastic (mt51-91) 82-Pb-204
 Cross Section -100.0 To 89.66 %



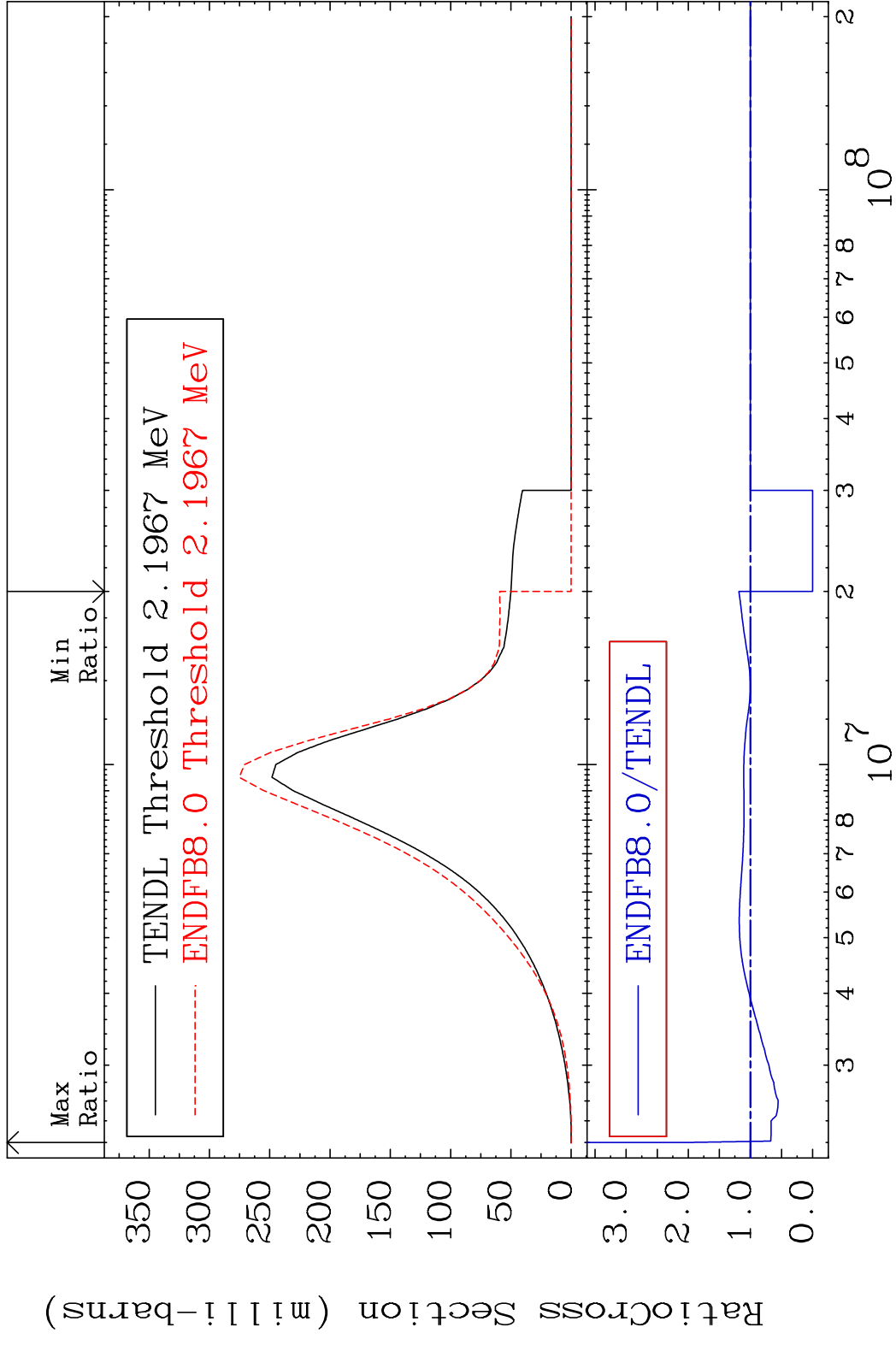
MAT 8225 Dpa disappearance (mt102 -120) 82-Pb-204
 Cross Section -100.0 To 9999. %



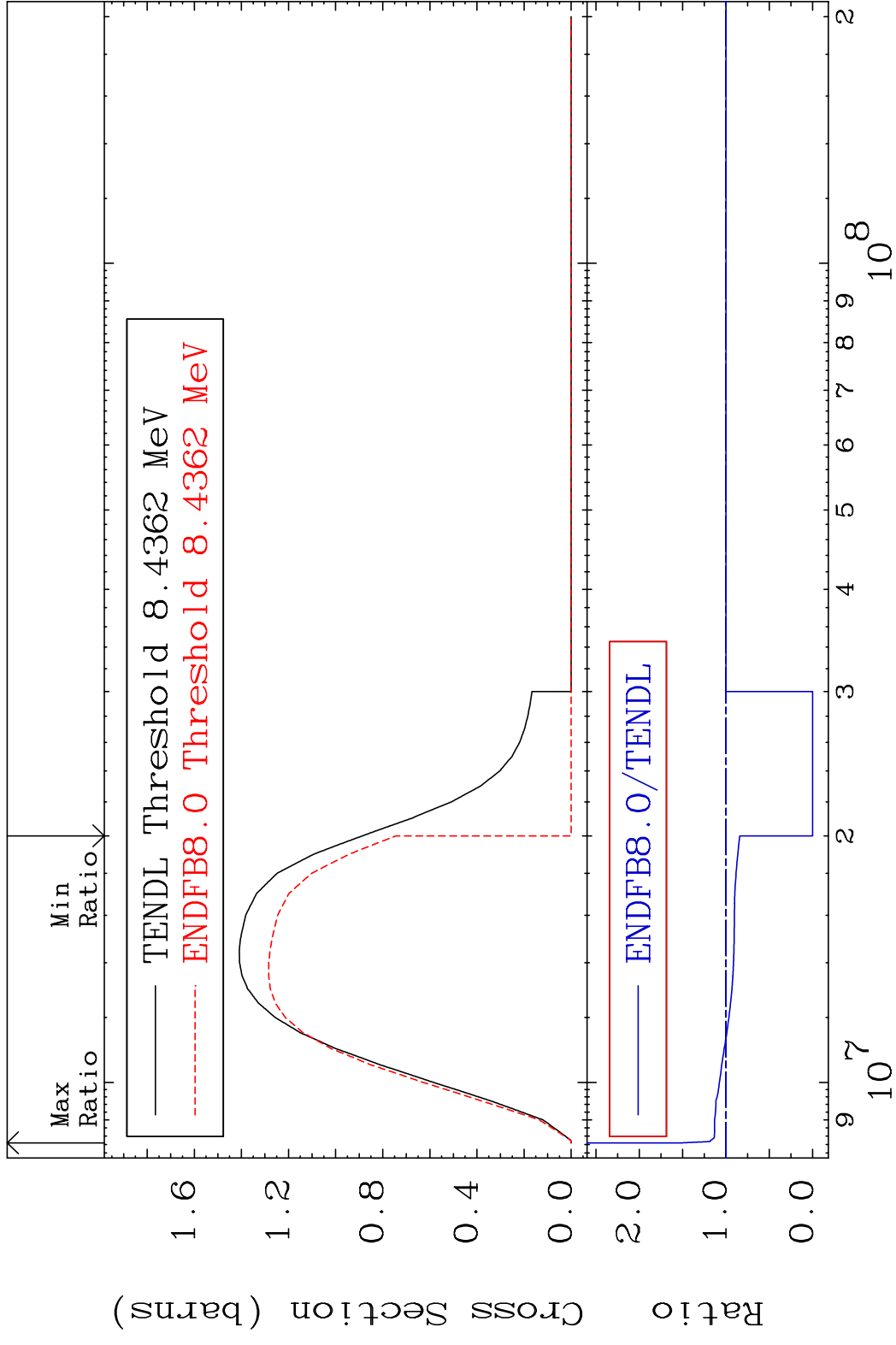
MAT 8225 Inelastic:82-Pb-204g 82-Pb-204
 Radionuclide Production Cross Section 180.0 dth 0.920 %



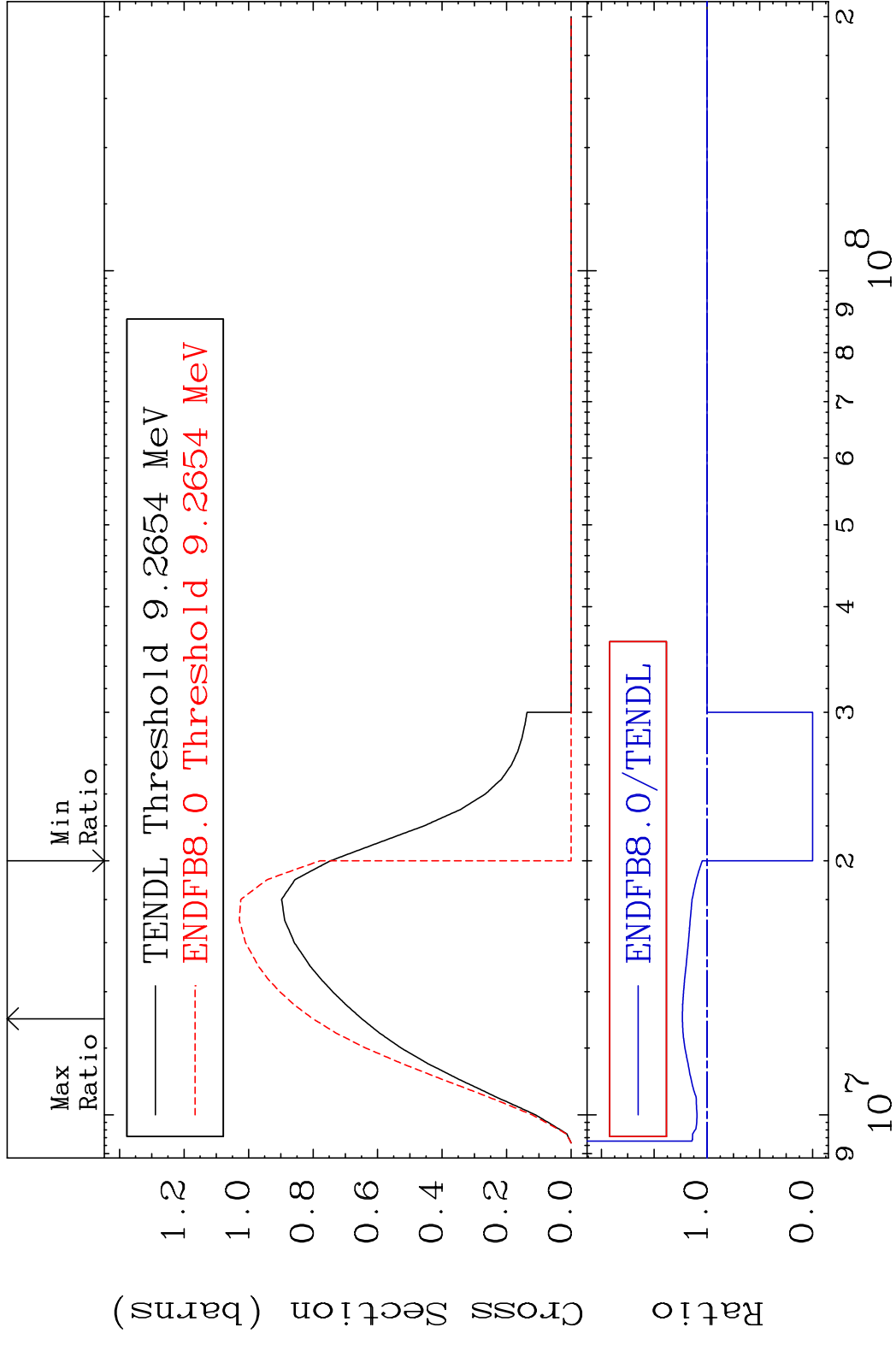
MAT 8225 Inelastic:82-Pb-204m21 82-Pb-204
 Radionuclide Production Cross Section 100.0 dth 109.6 %



60 82-Pb-204



MAT 8225 (n, 2n): 82-Pb-203m6 82-Pb-204
 Radionuclide Production Cross Section Ratio 23.30 %



62 Incident Energy (eV) 82-Pb-204

