

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

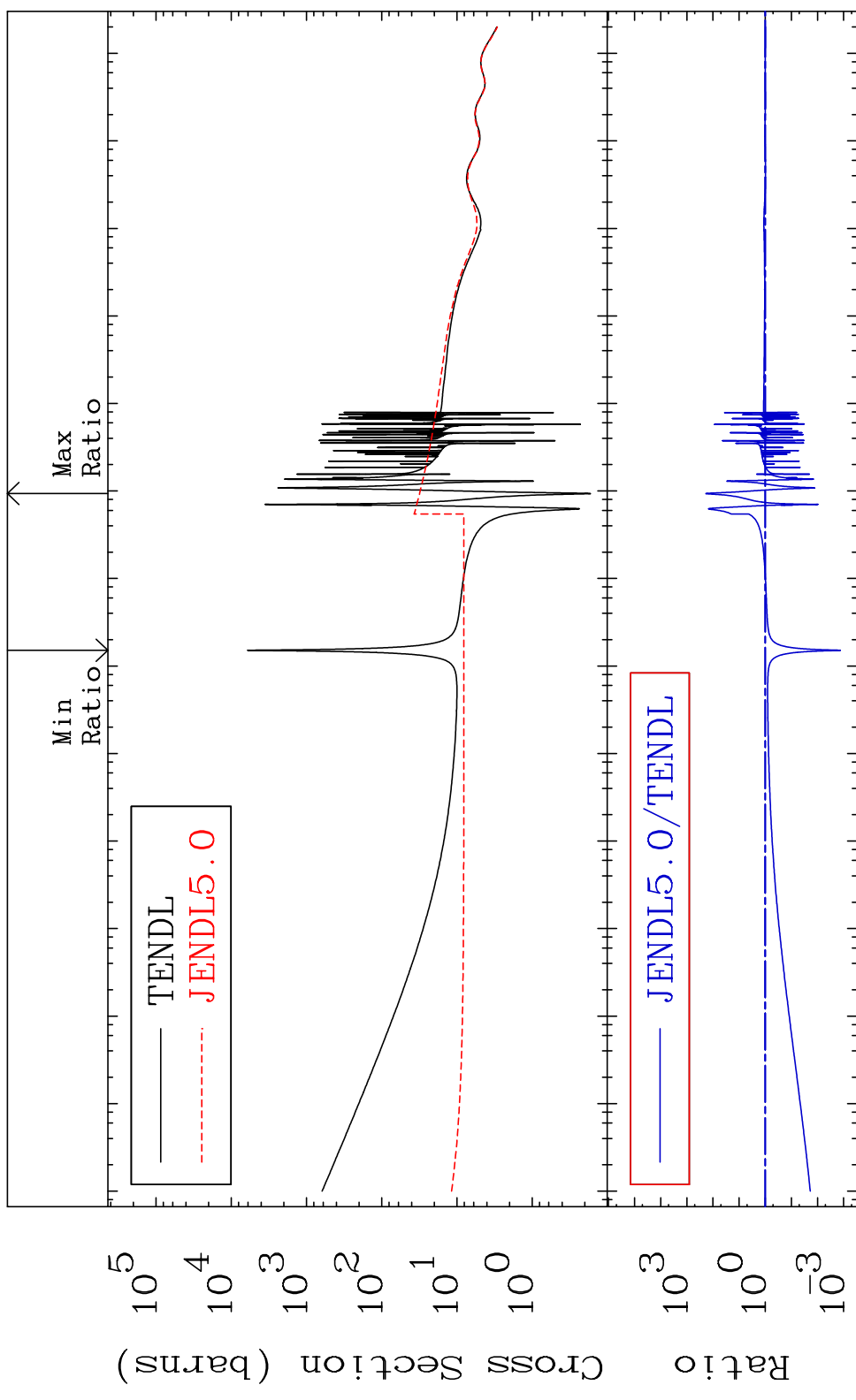
MAT 8219

Total

82-Pb-202

Cross Section

-99.87 To 9999. %



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

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

1

Incident Energy (eV)

82-Pb-202

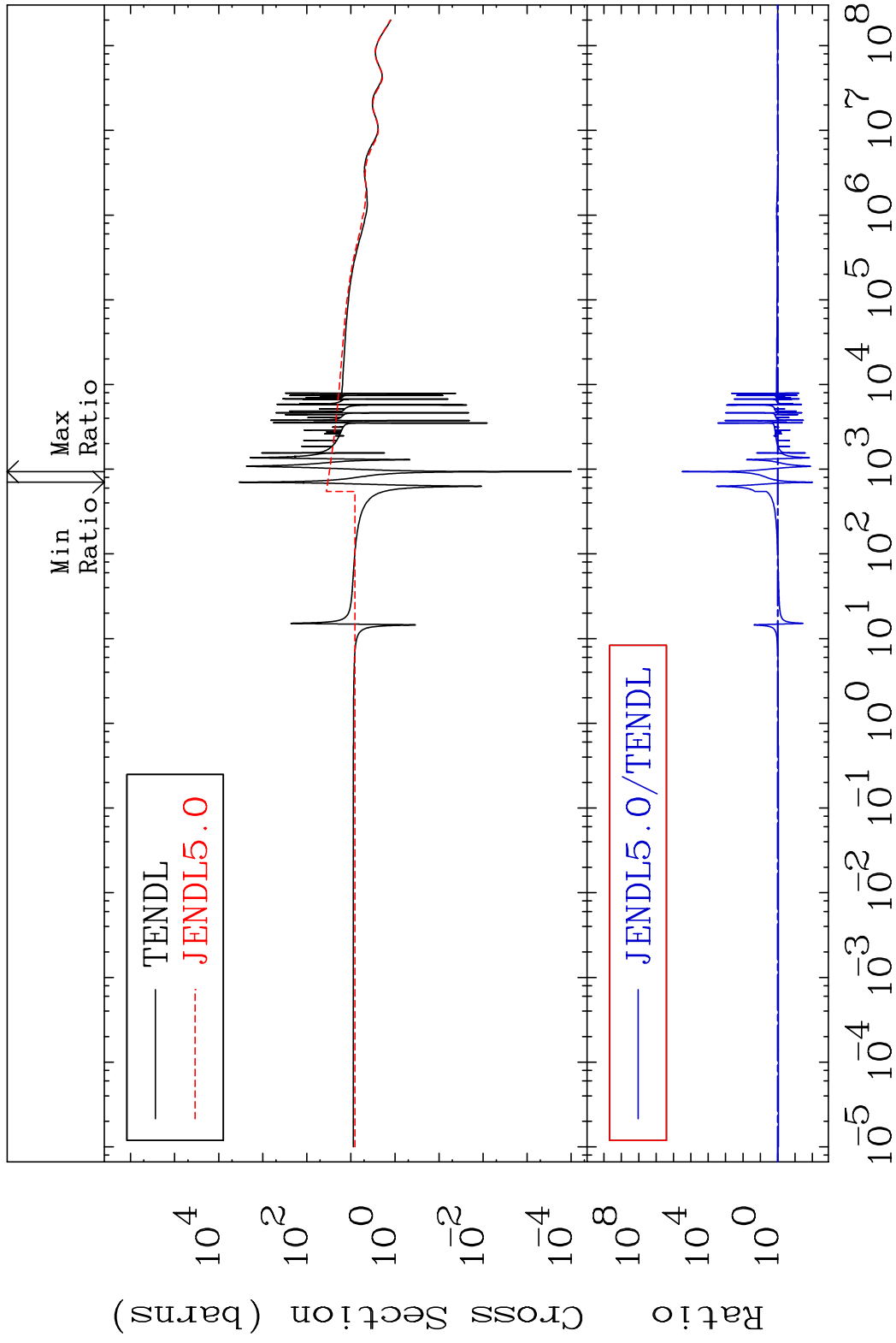
MAT 8219

Elastic

82-Pb-202

Cross Section

-99.02 To 9999. %



2

Incident Energy (eV)

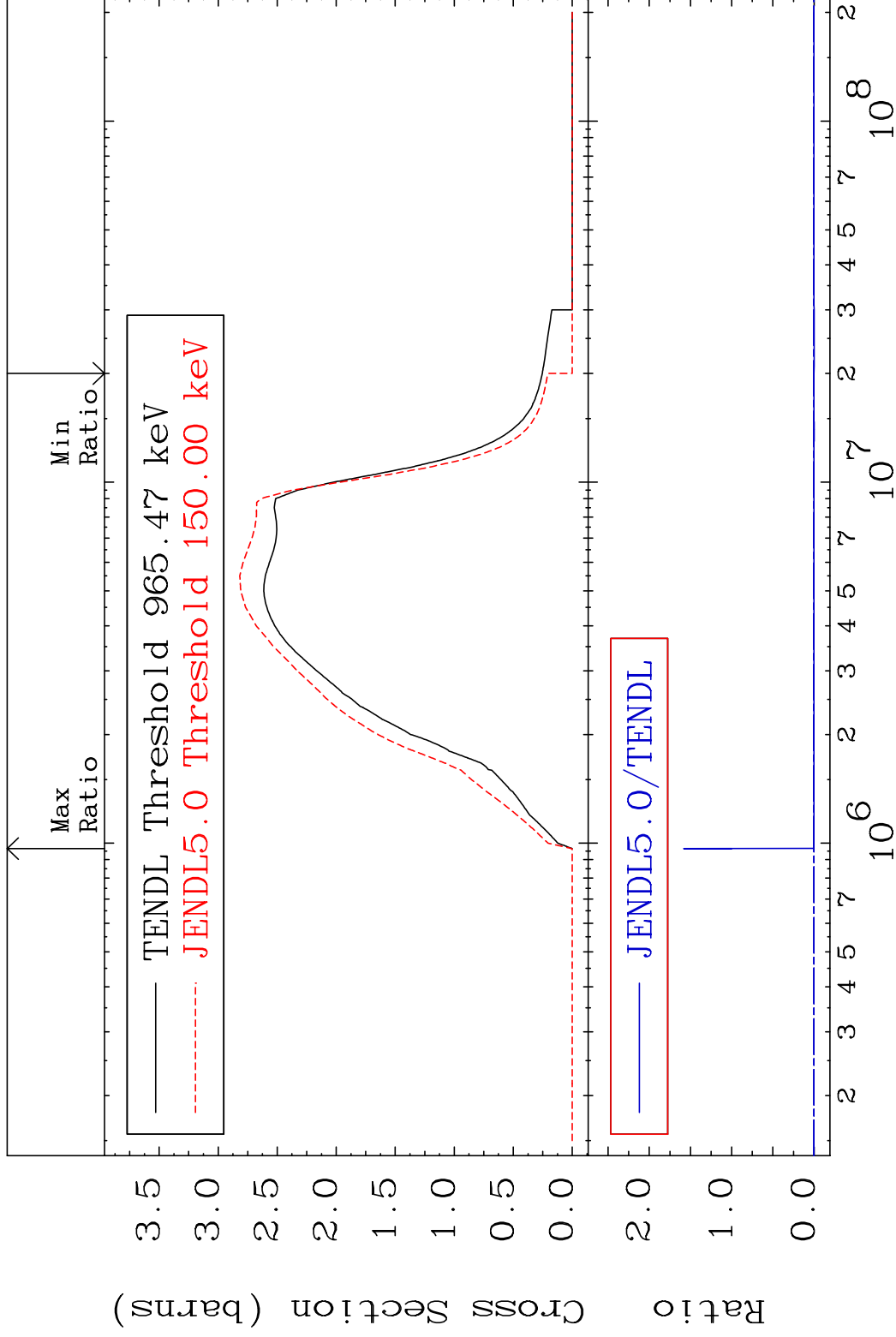
82-Pb-202

MAT 8219

Inelastic

82-Pb-202

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

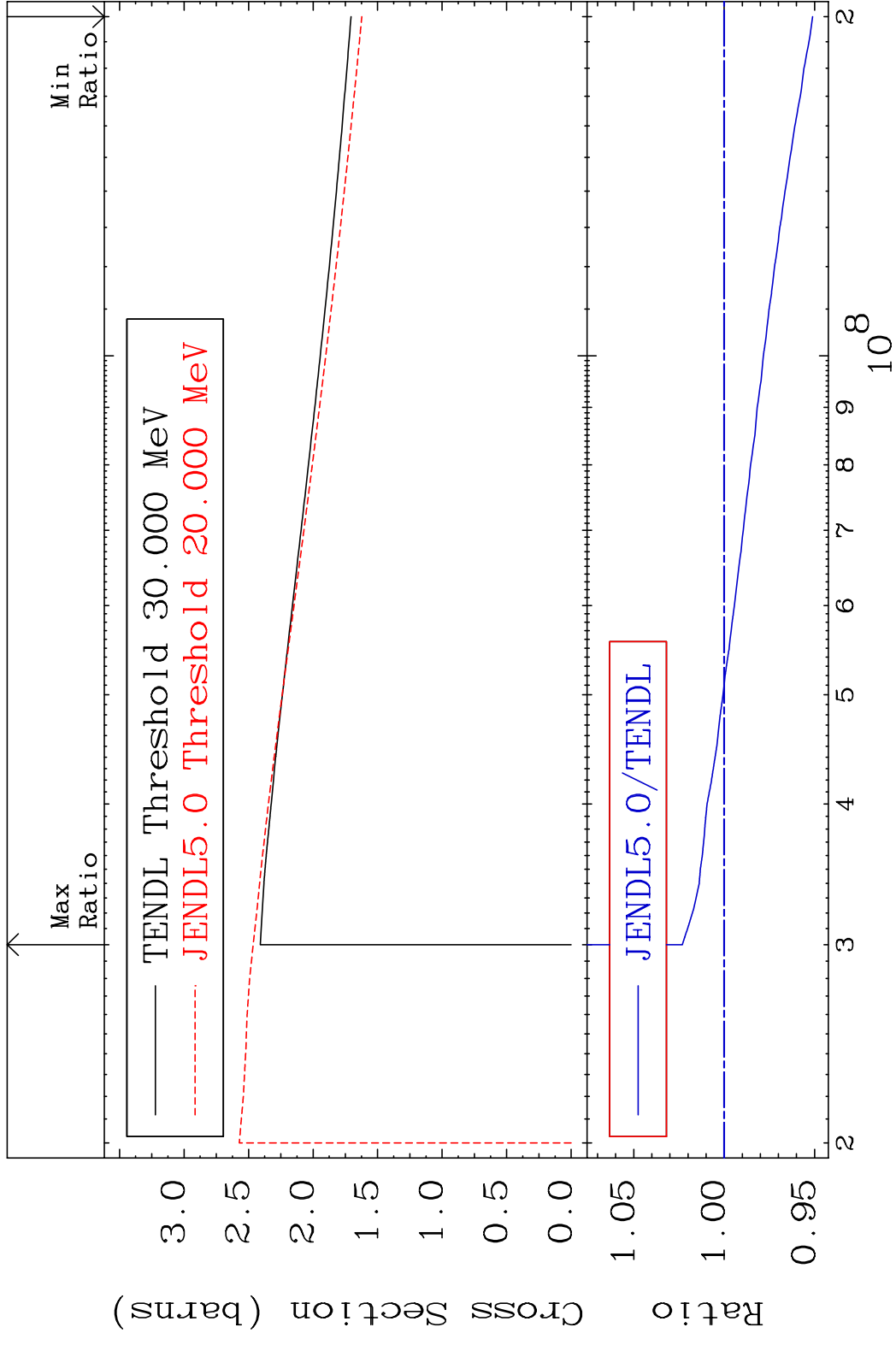
82-Pb-202

MAT 8219

(n, remainder)

82-Pb-202

Cross Section -4.886 To 2.311 %



4

Incident Energy (eV)

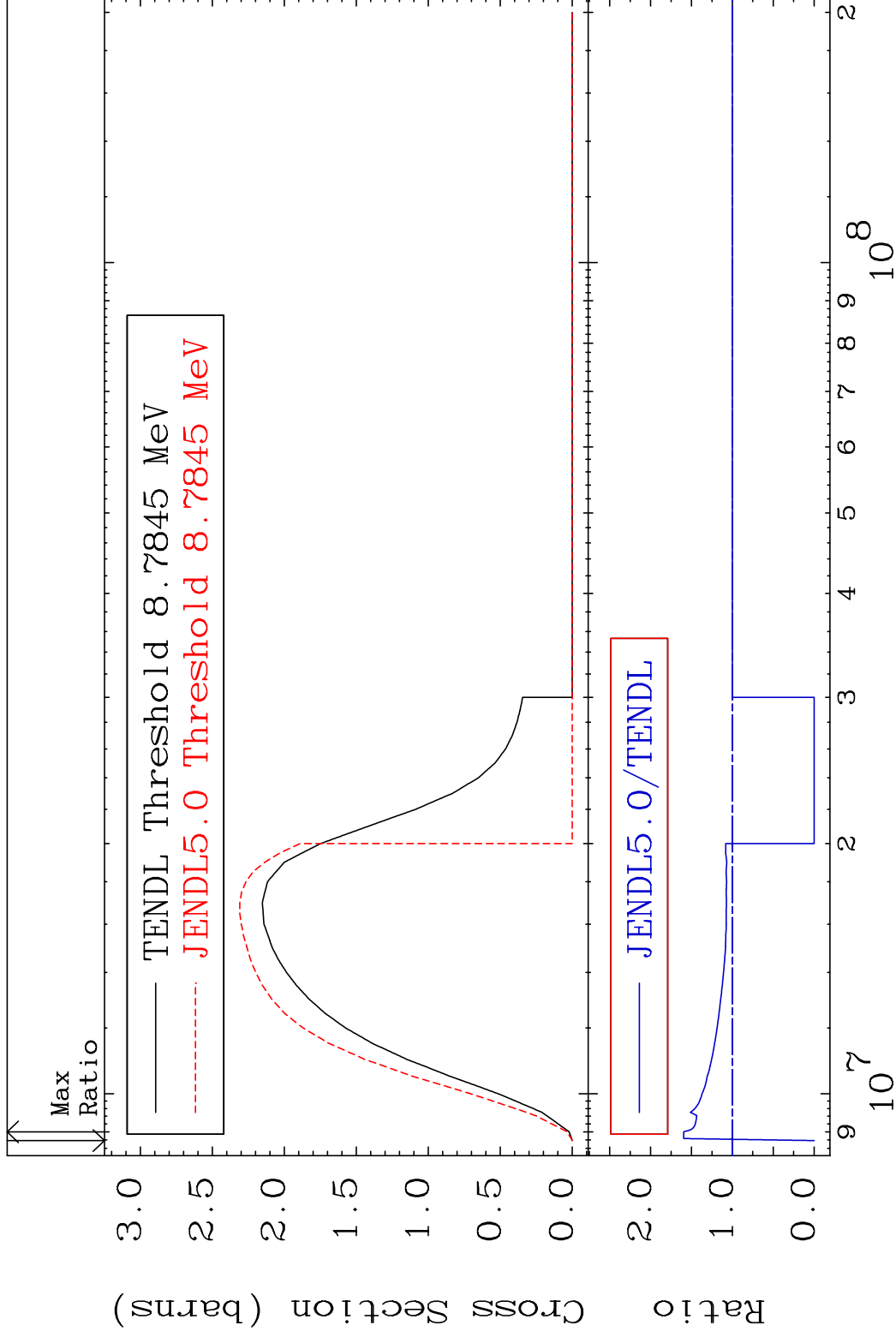
82-Pb-202

MAT 8219

(n,2n)

82-Pb-202

Cross Section -100.0 To 59.58 %



5

Incident Energy (eV)

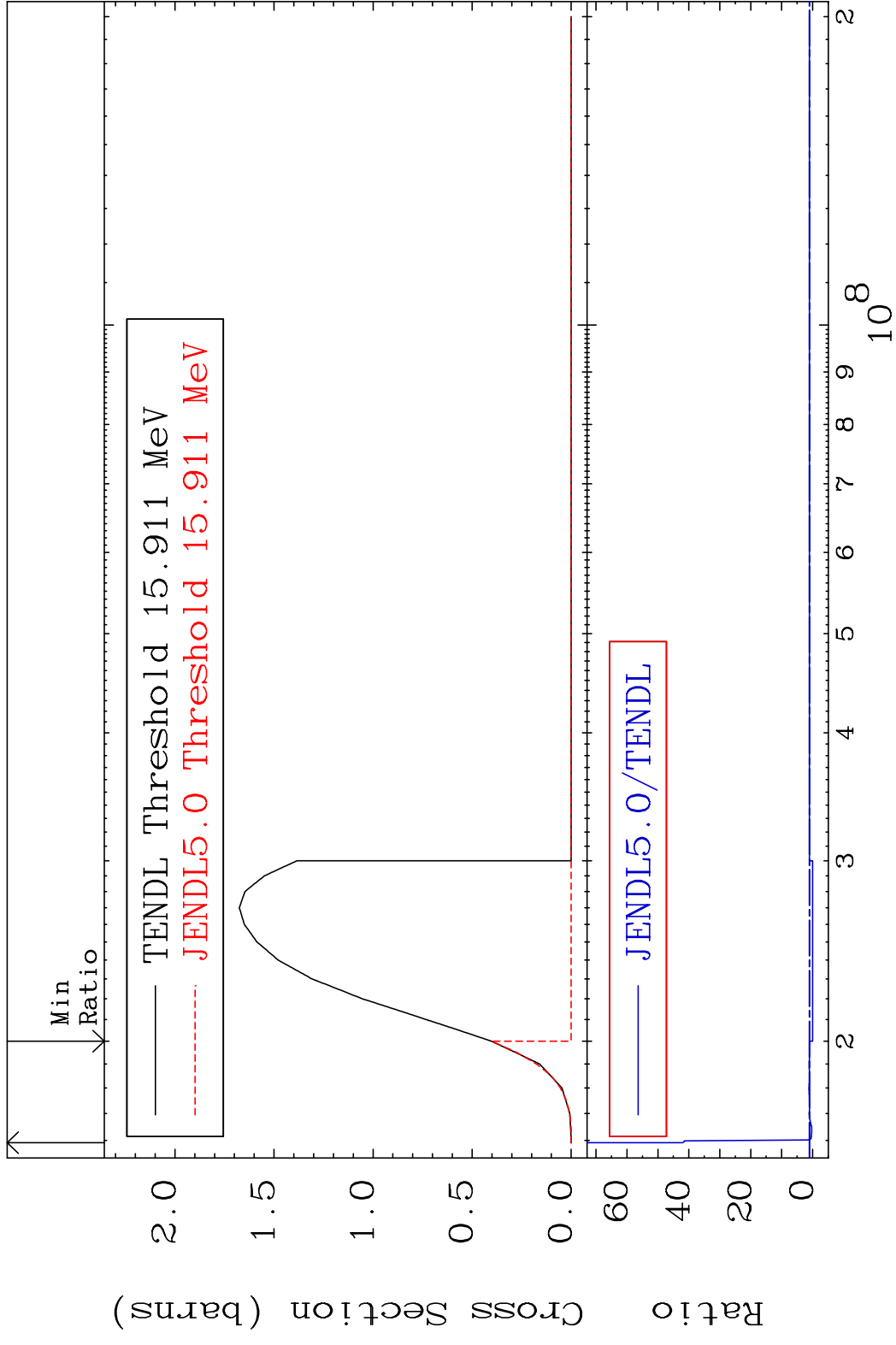
82-Pb-202

MAT 8219

(n,3n)

82-Pb-202

Cross Section -100.0 To 4110. %

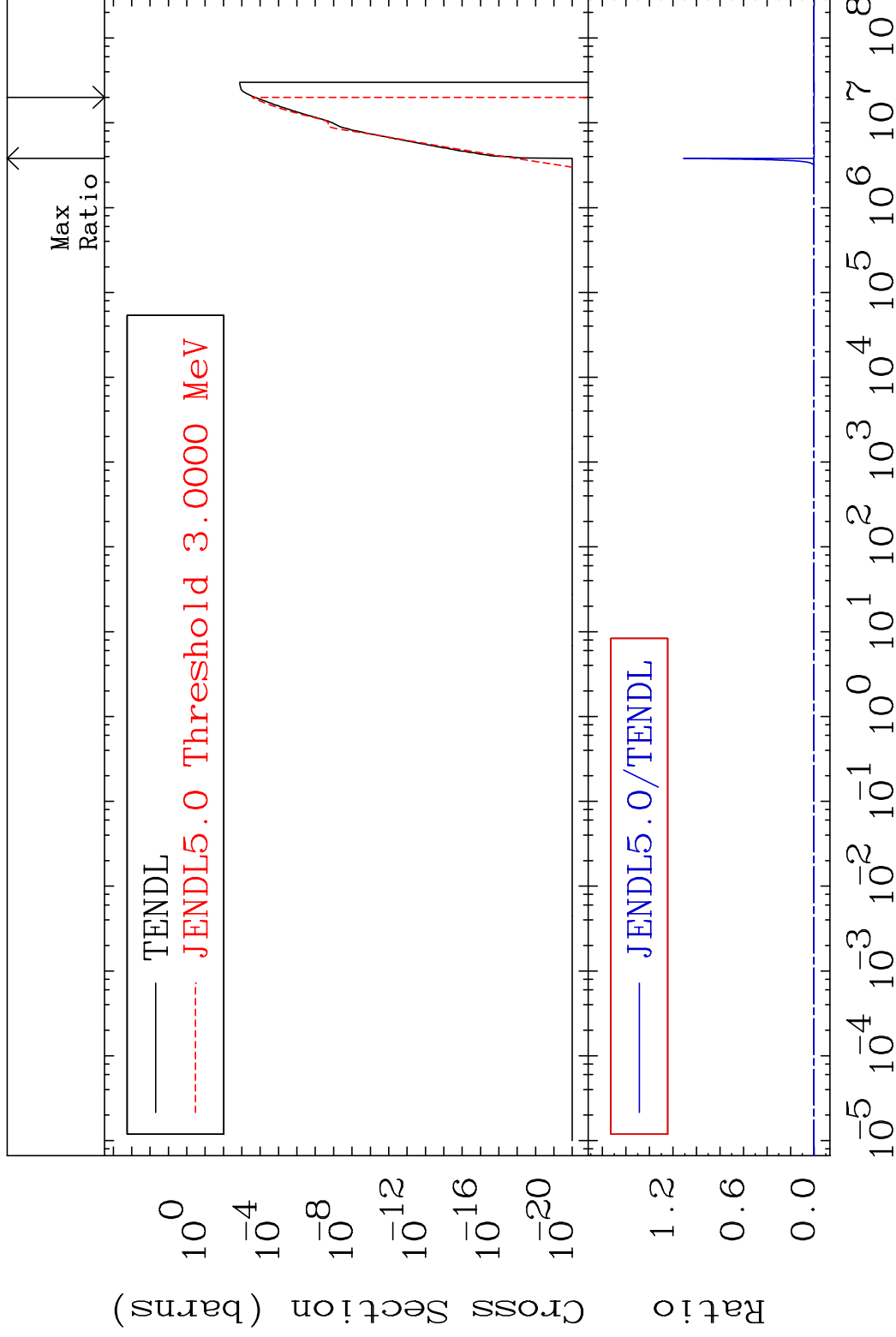


MAT 8219

(n, n') α

82-Pb-202

Cross Section -100.0 To 9999. %



7

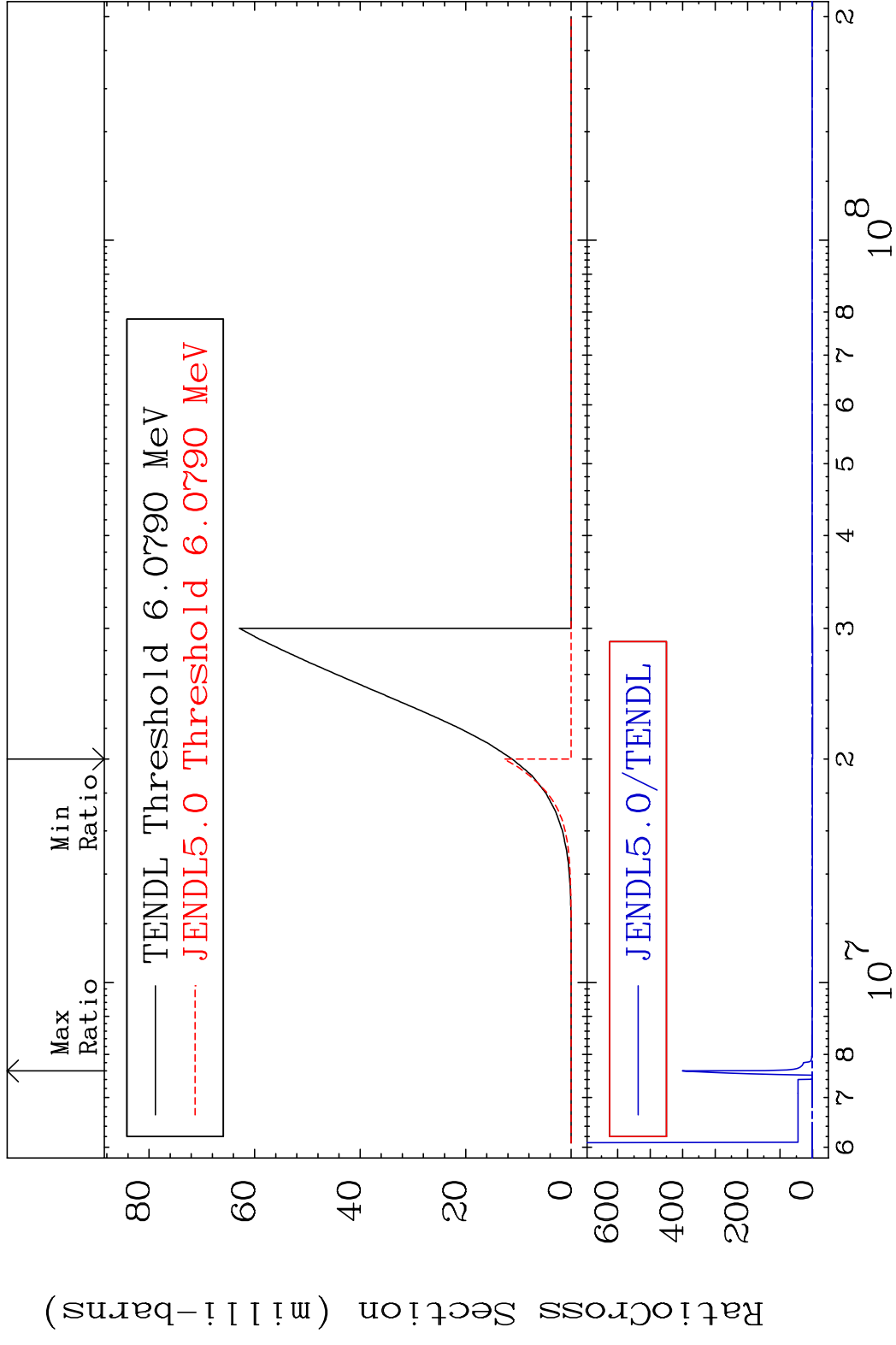
Incident Energy (eV)

82-Pb-202

MAT 8219

(n, n') p 82-Pb-202

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

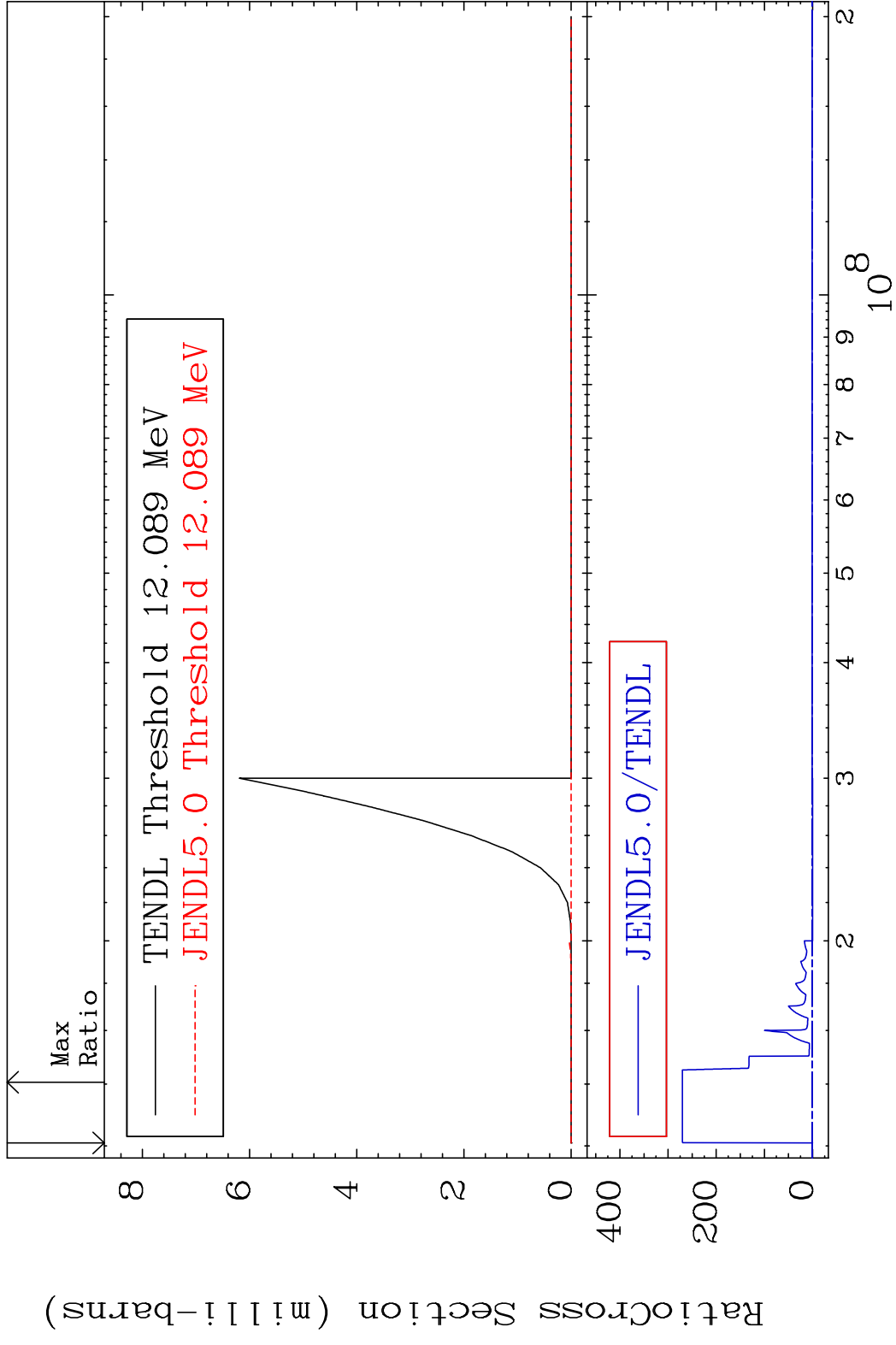
82-Pb-202

MAT 8219

(n, n') d

82-Pb-202

Cross Section -100.0 To 9999. %

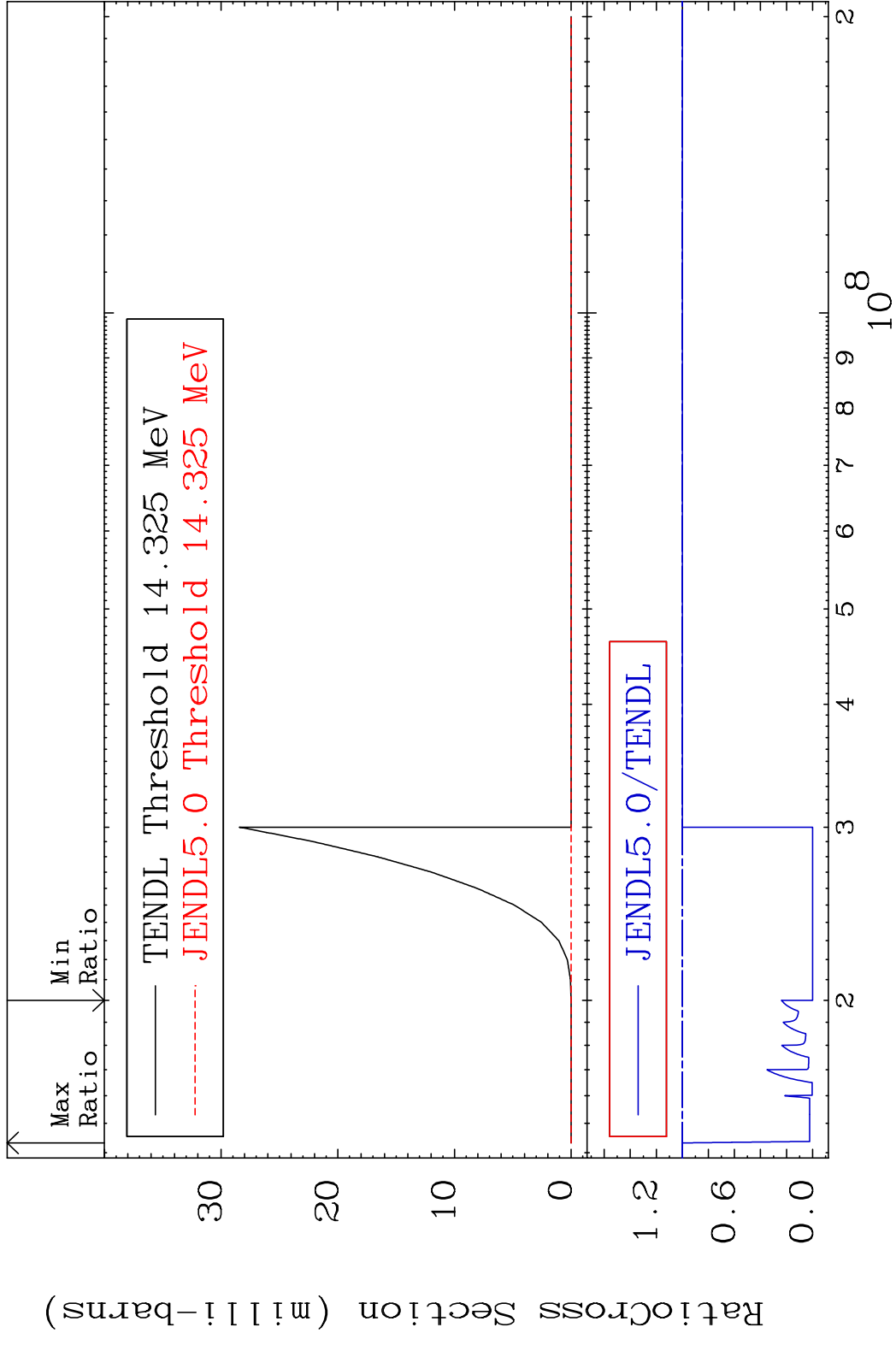


9

Incident Energy (eV)

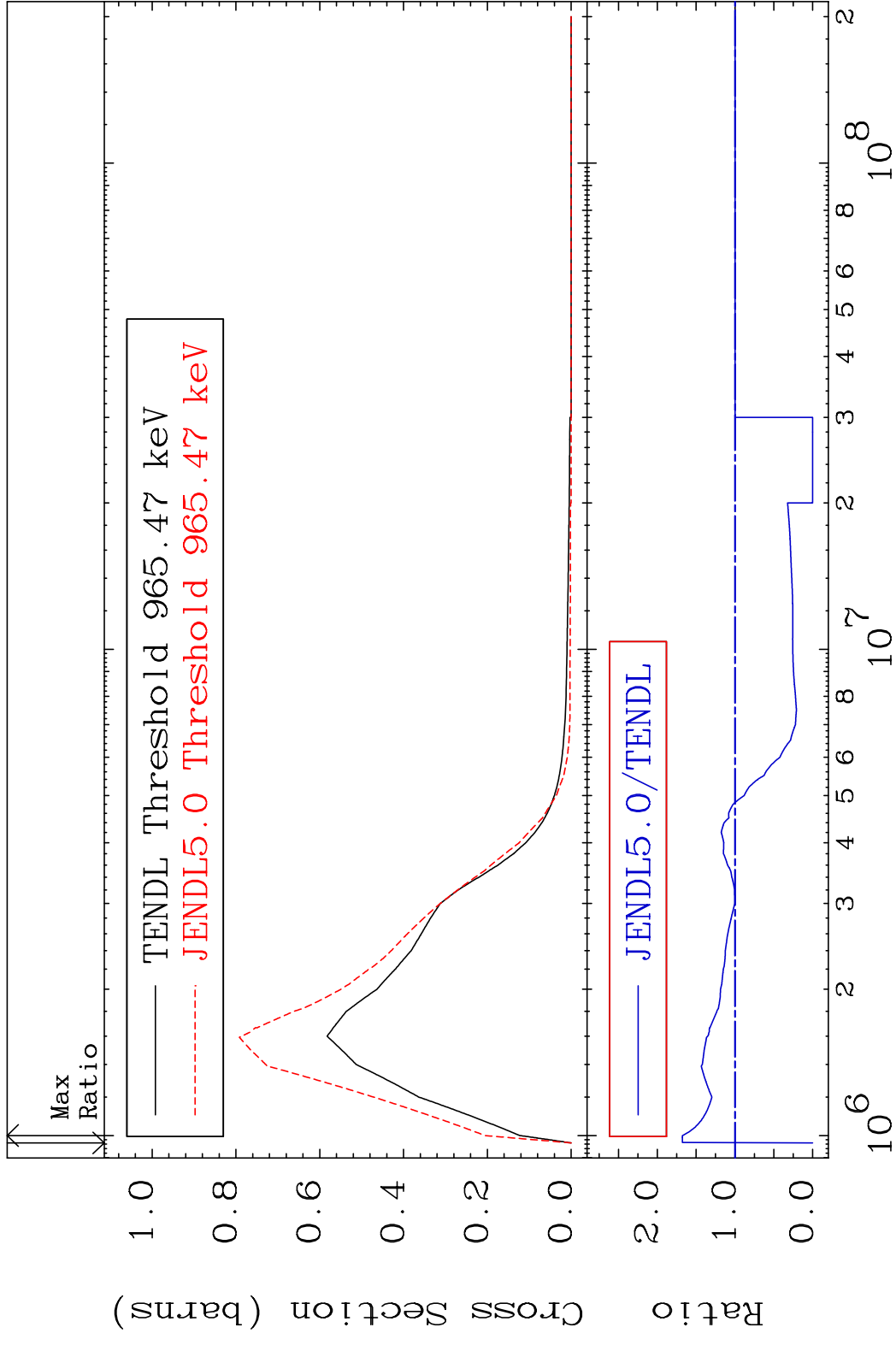
82-Pb-202

MAT 8219 (n,2n) p 82-Pb-202
 Cross Section -100.0 To 0.000 %



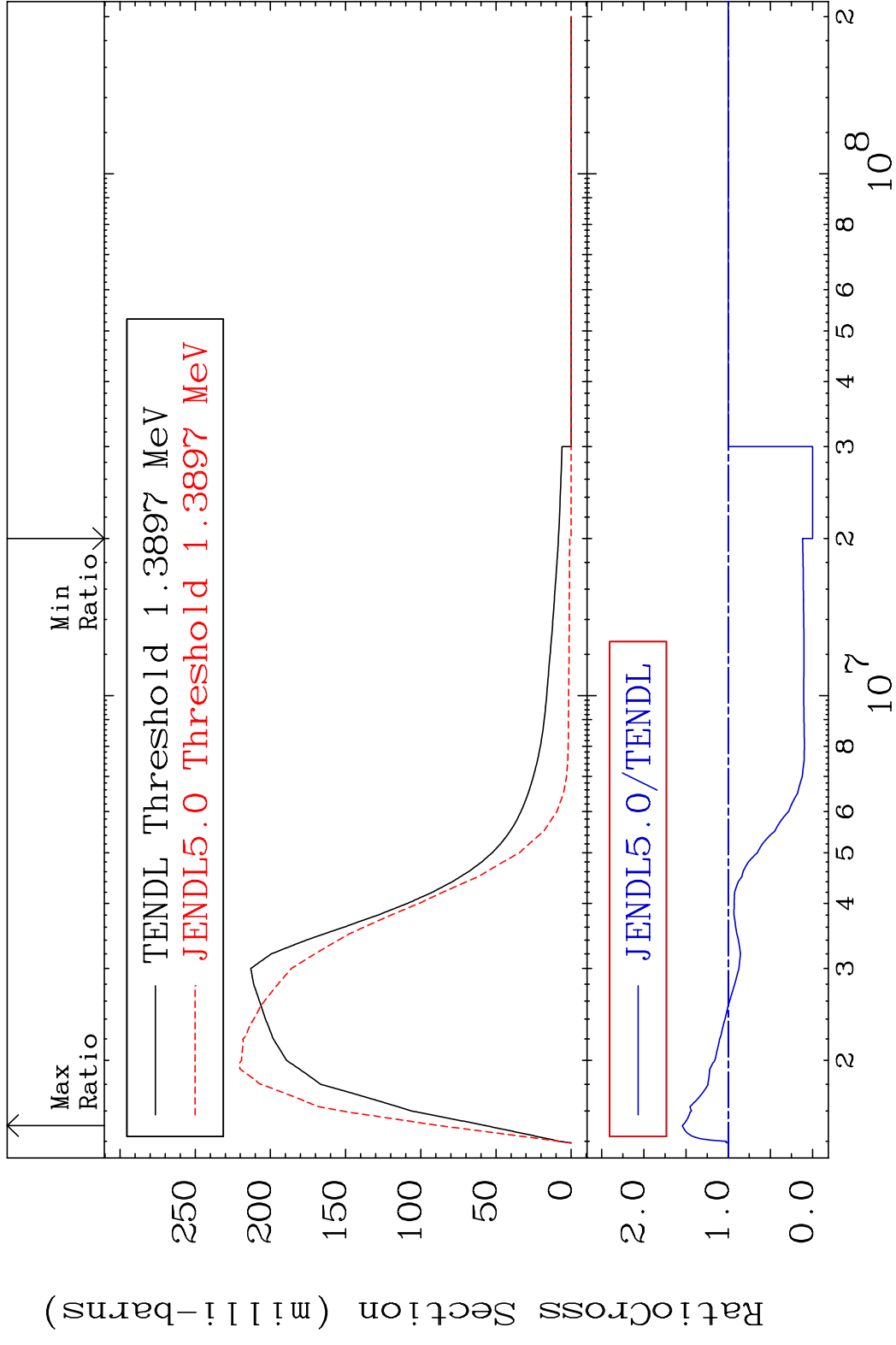
10 Incident Energy (eV) 82-Pb-202

MAT 8219 MT= 51 (n,n') Level 82-Pb-202
 Cross Section -100.0 To 67.80 %

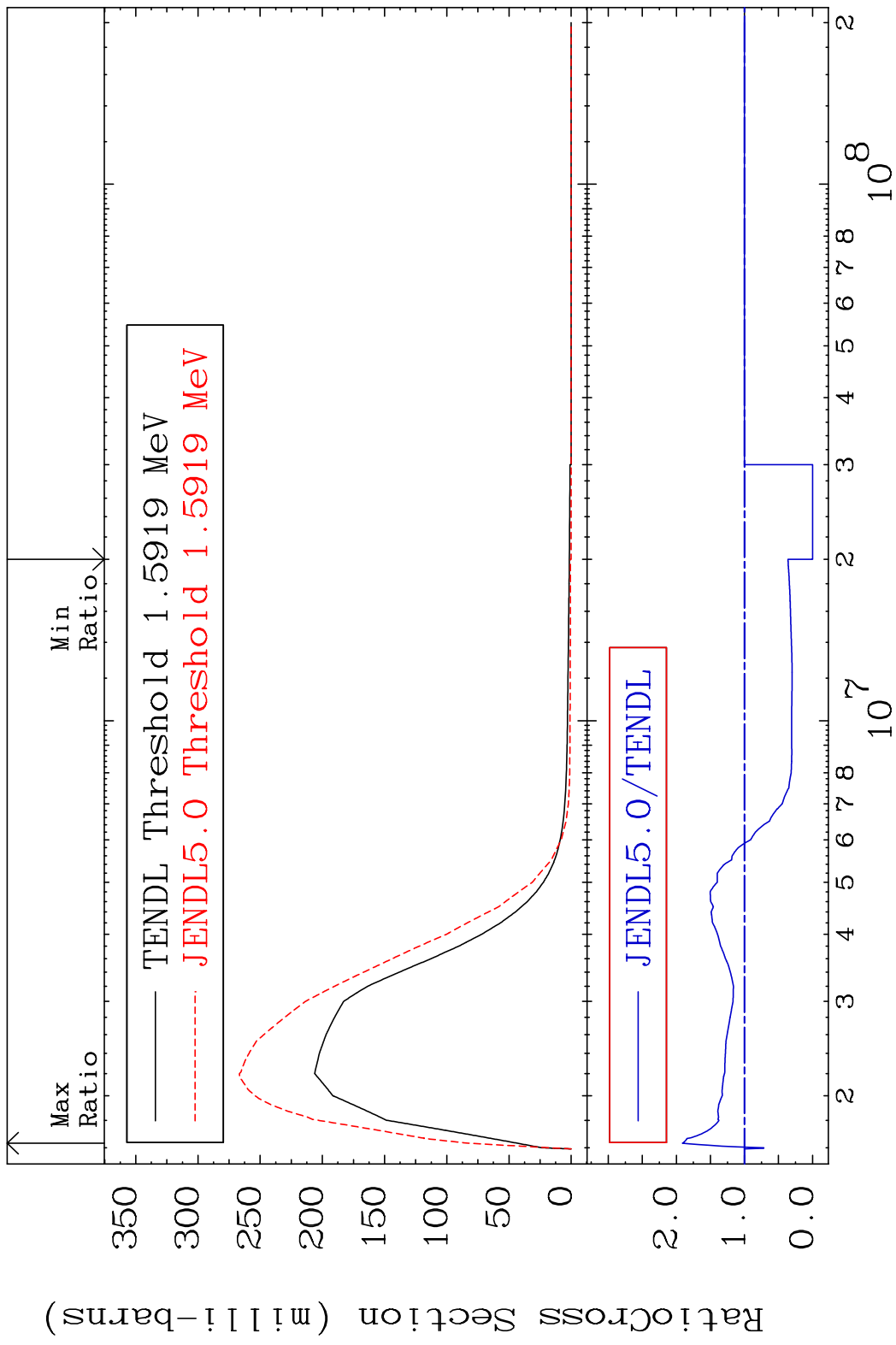


11 Incident Energy (eV) 82-Pb-202

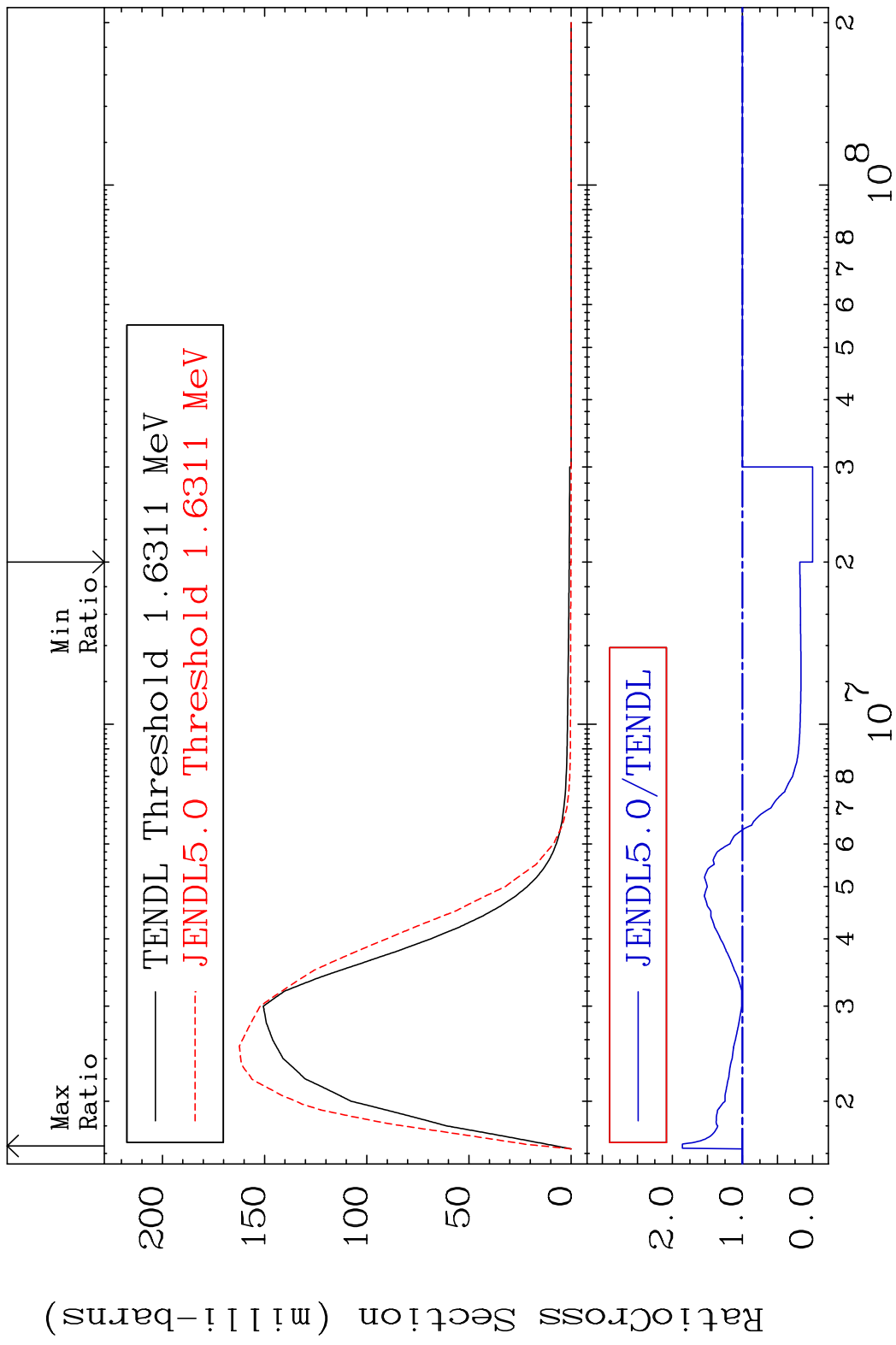
MAT 8219 MT= 52 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 54.39 %



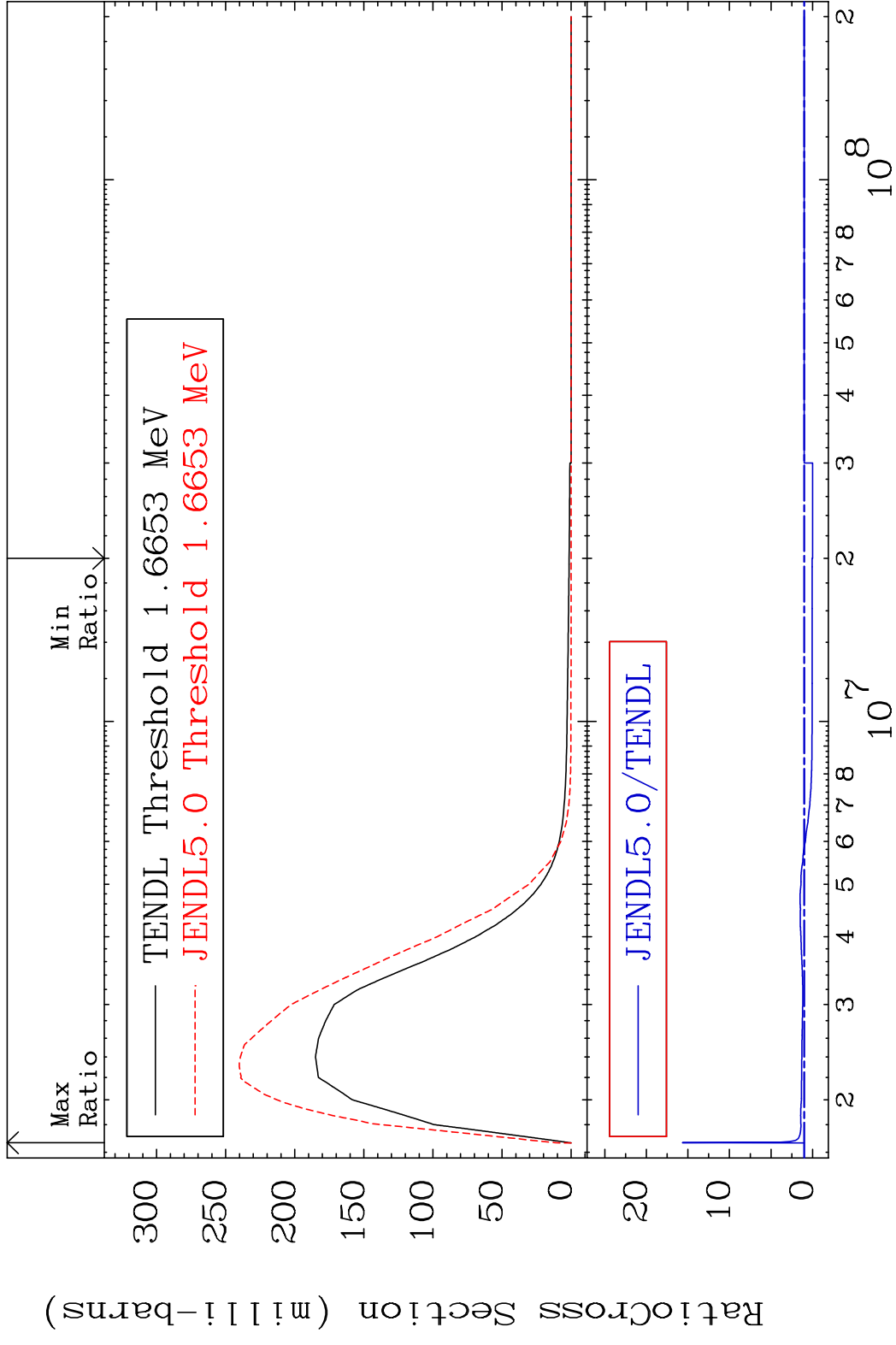
MAT 8219 MT= 53 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 91.19 %



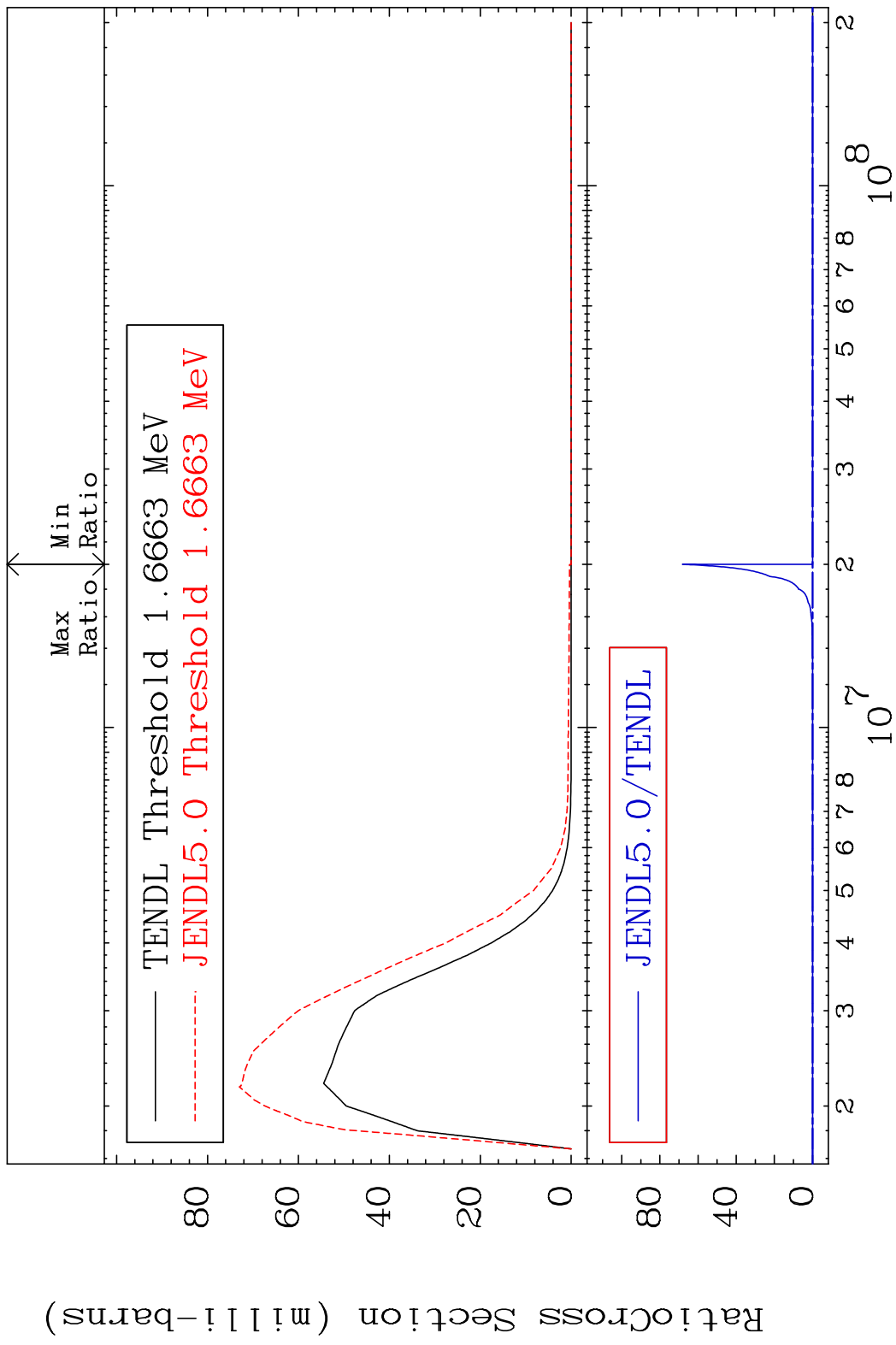
MAT 8219 MT= 54 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 85.80 %



MAT 8219 MT= 55 (n,n') Level 82-Pb-202
 Cross Section -100.0 To 1467. %

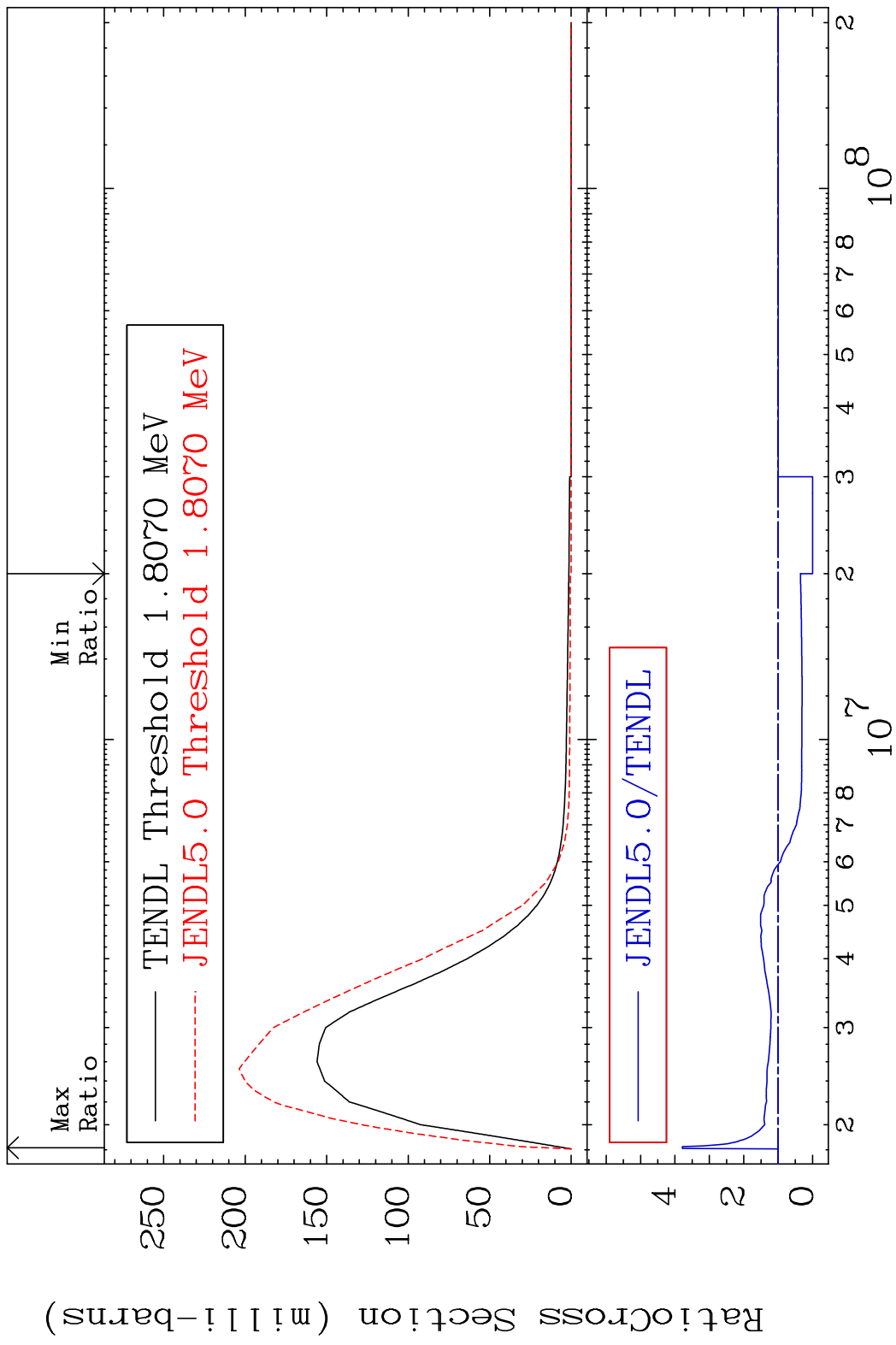


MAT 8219 MT= 56 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 9999. %



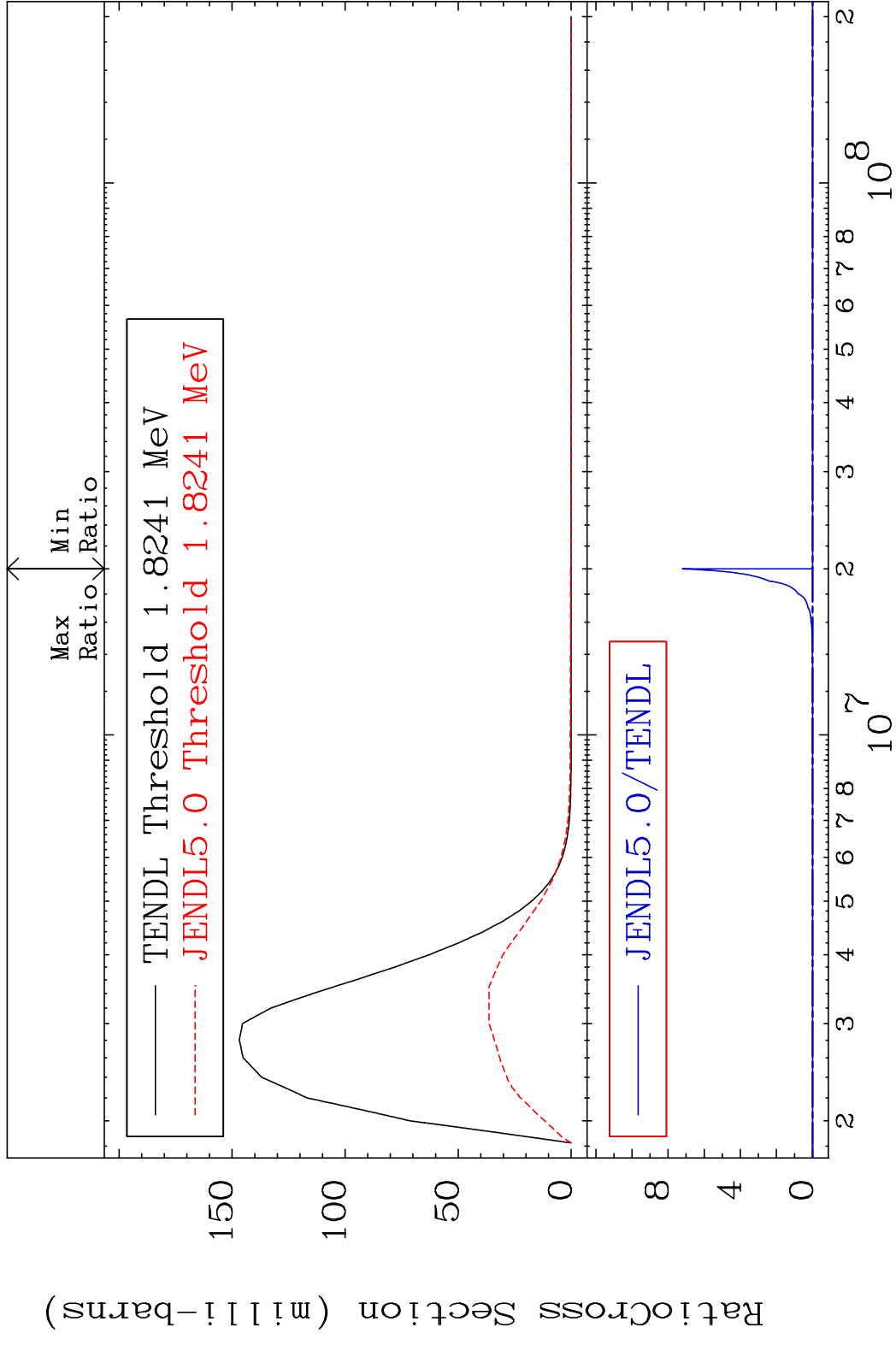
16 Incident Energy (eV) 82-Pb-202

MAT 8219 MT= 57 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 278.6 %

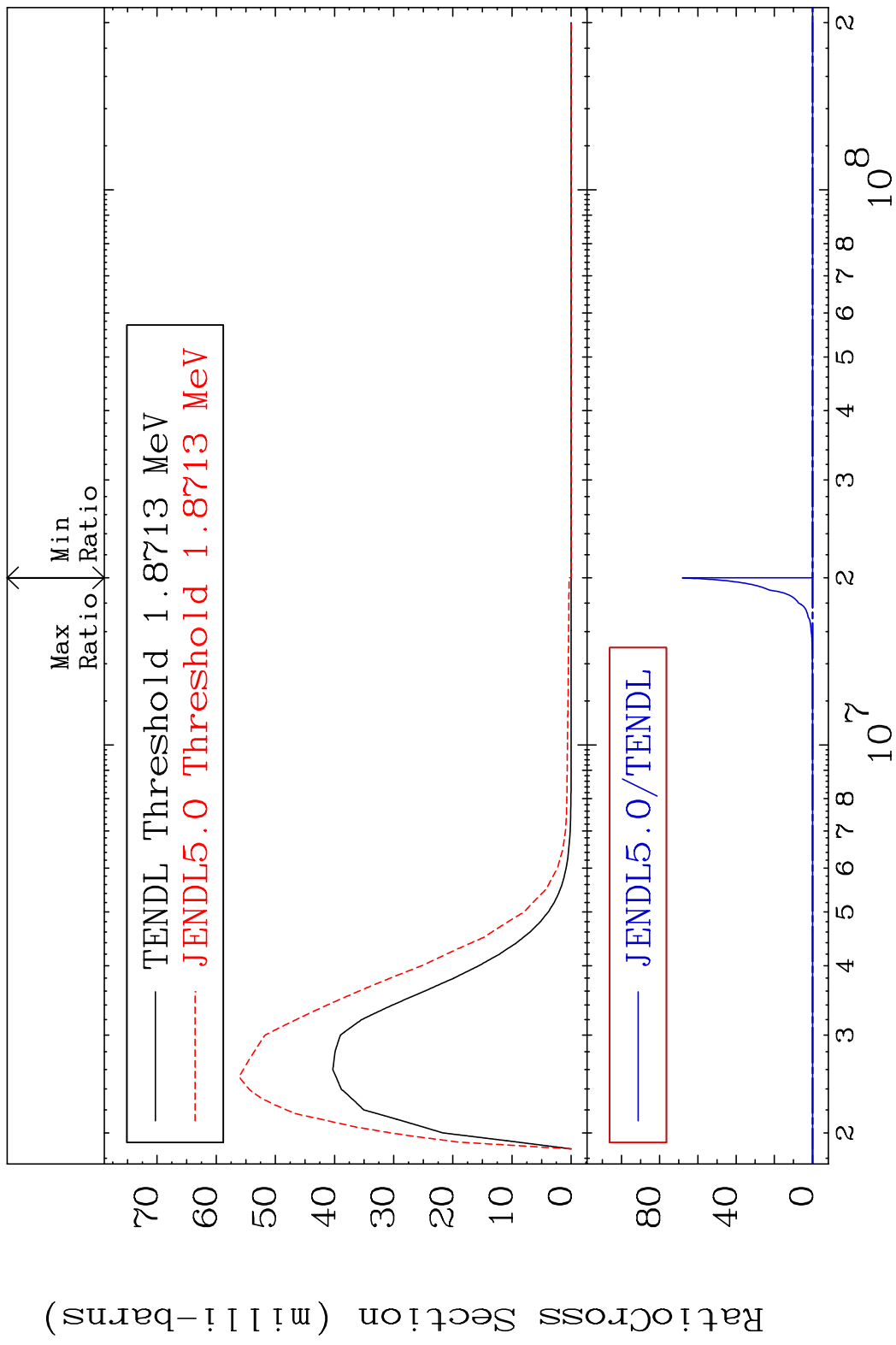


17 82-Pb-202

MAT 8219 MT= 58 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 9999. %

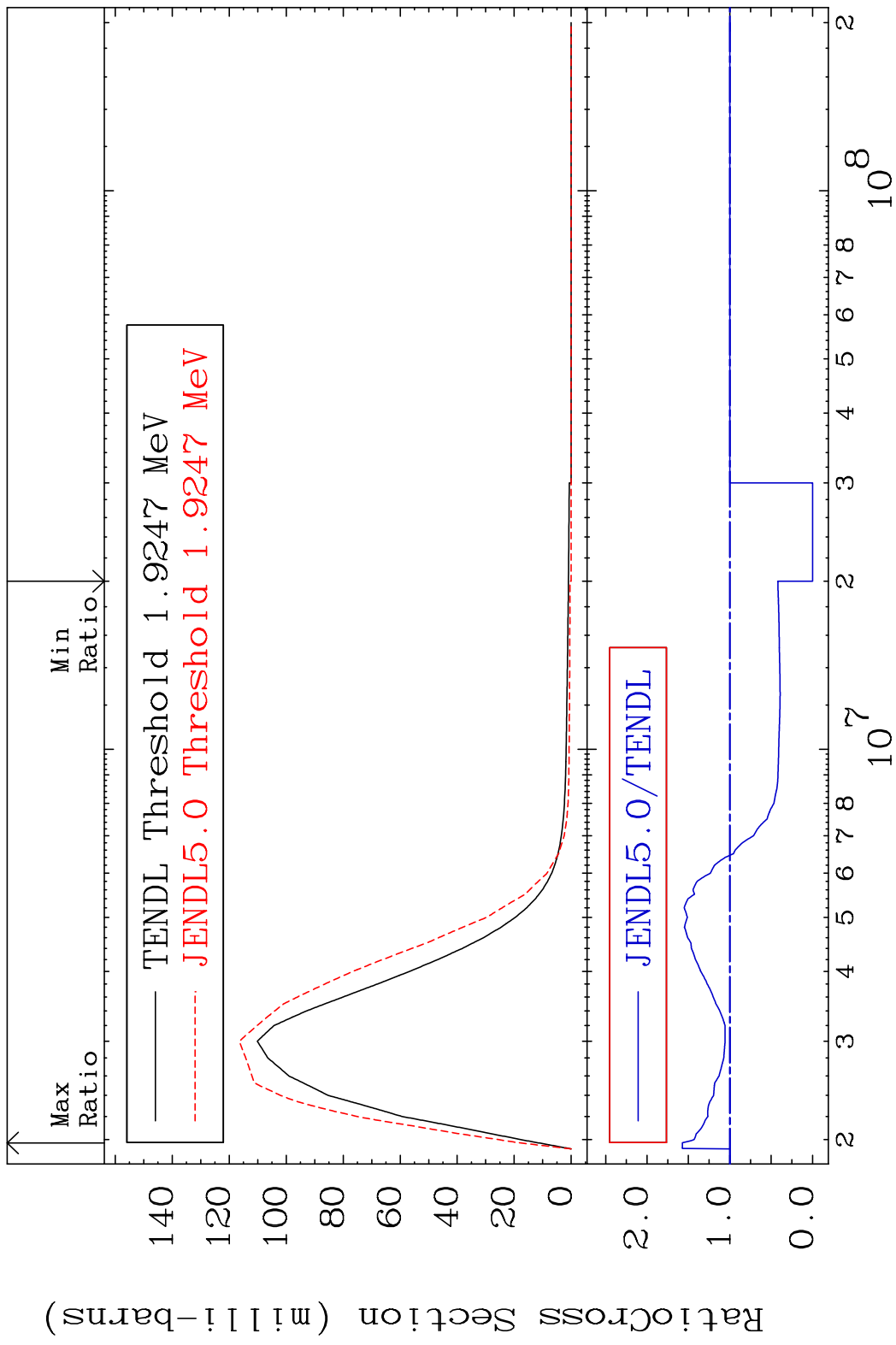


MAT 8219 MT= 59 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 9999. %

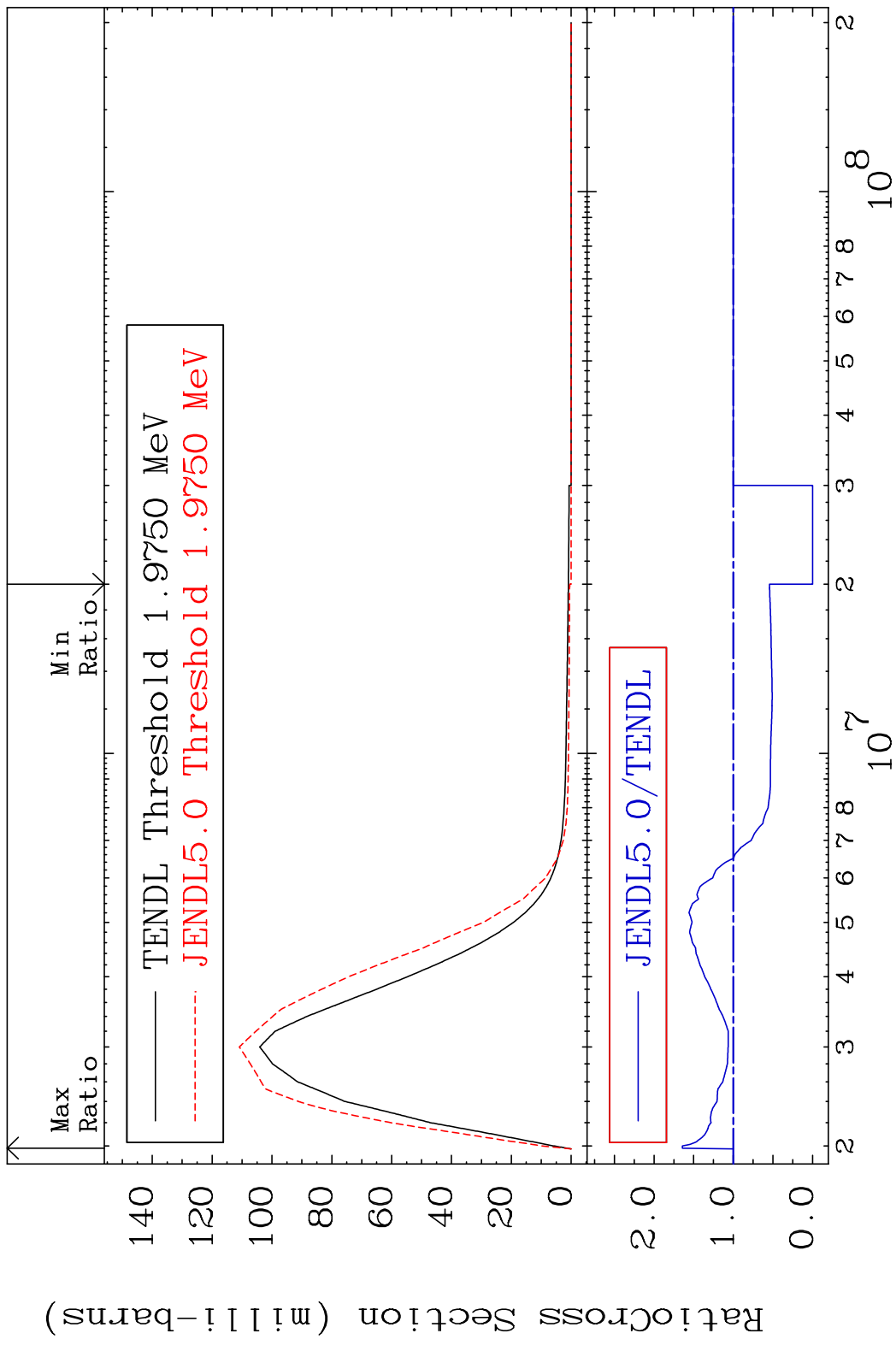


19 82-Pb-202

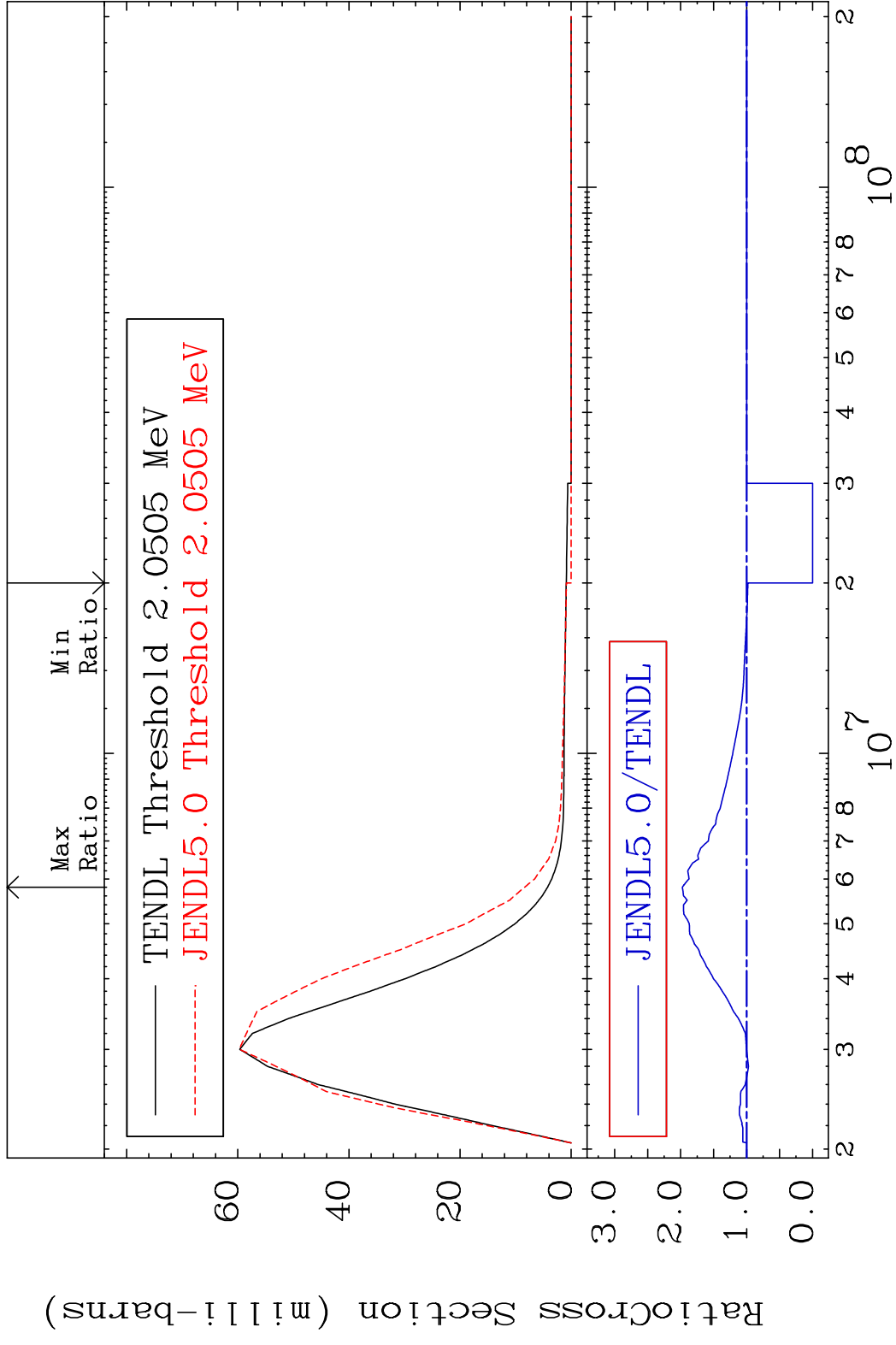
MAT 8219 MT= 60 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 57.33 %



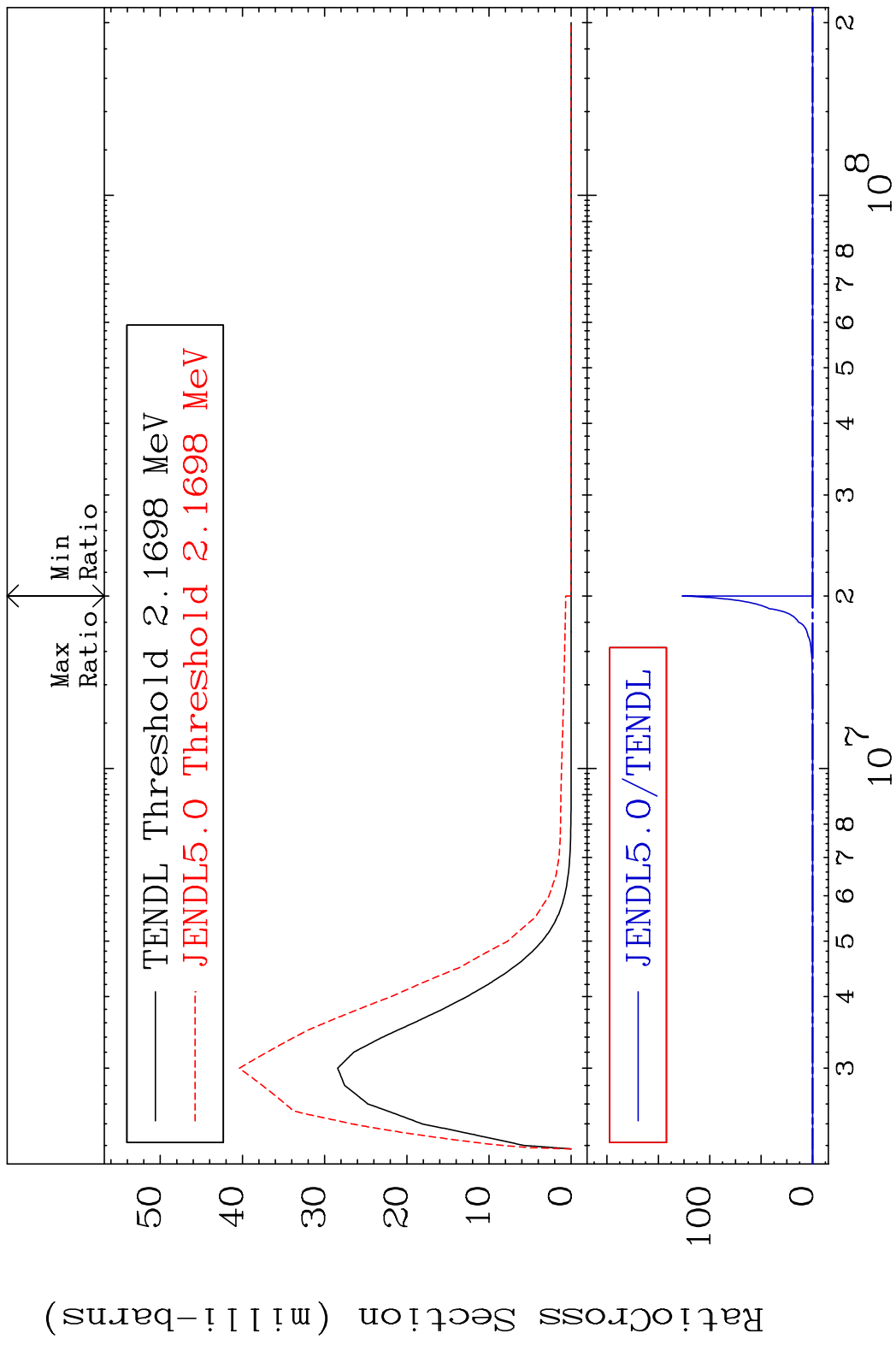
MAT 8219 MT= 61 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 64.28 %



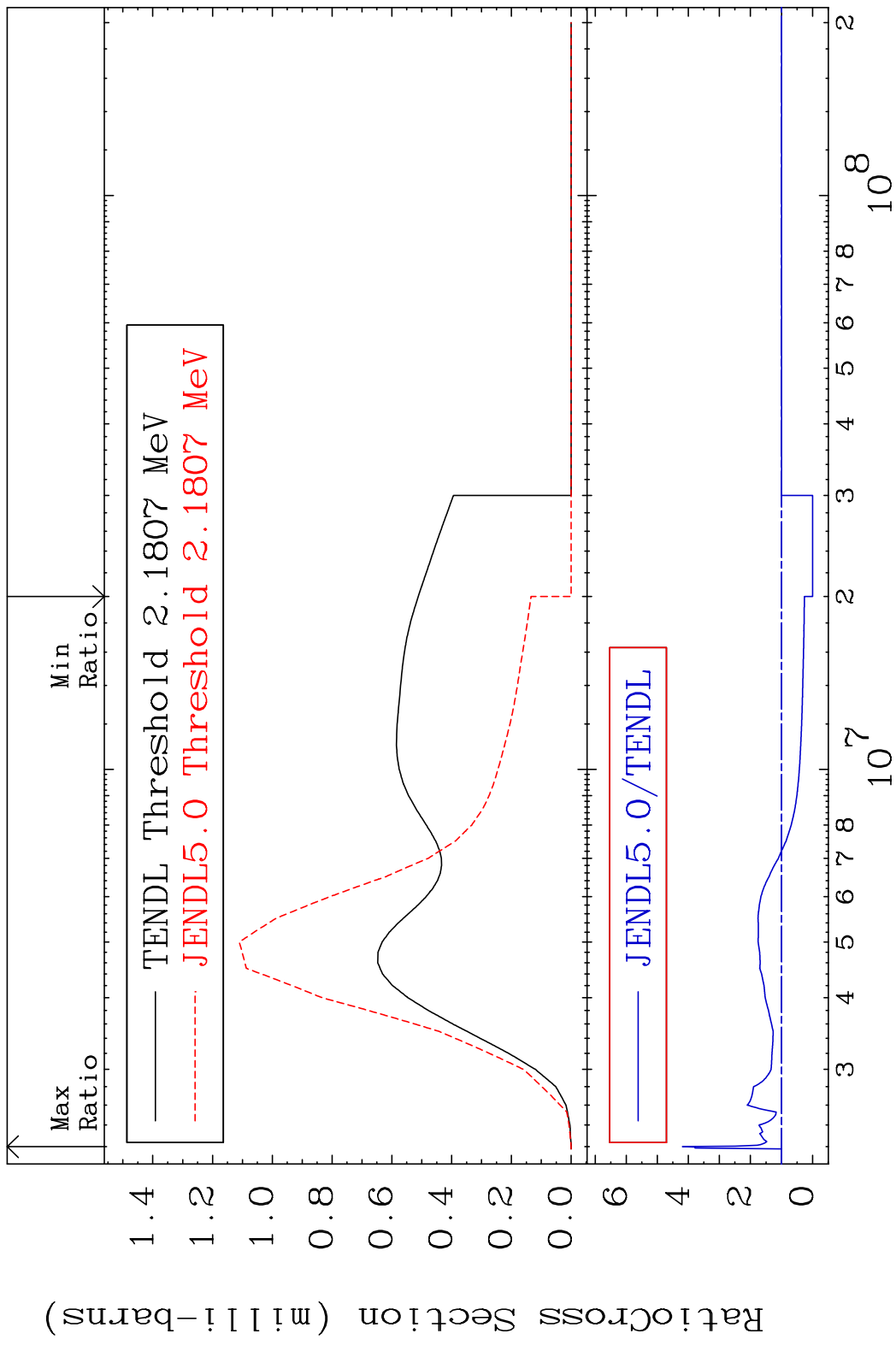
MAT 8219 MT= 62 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 97.43 %



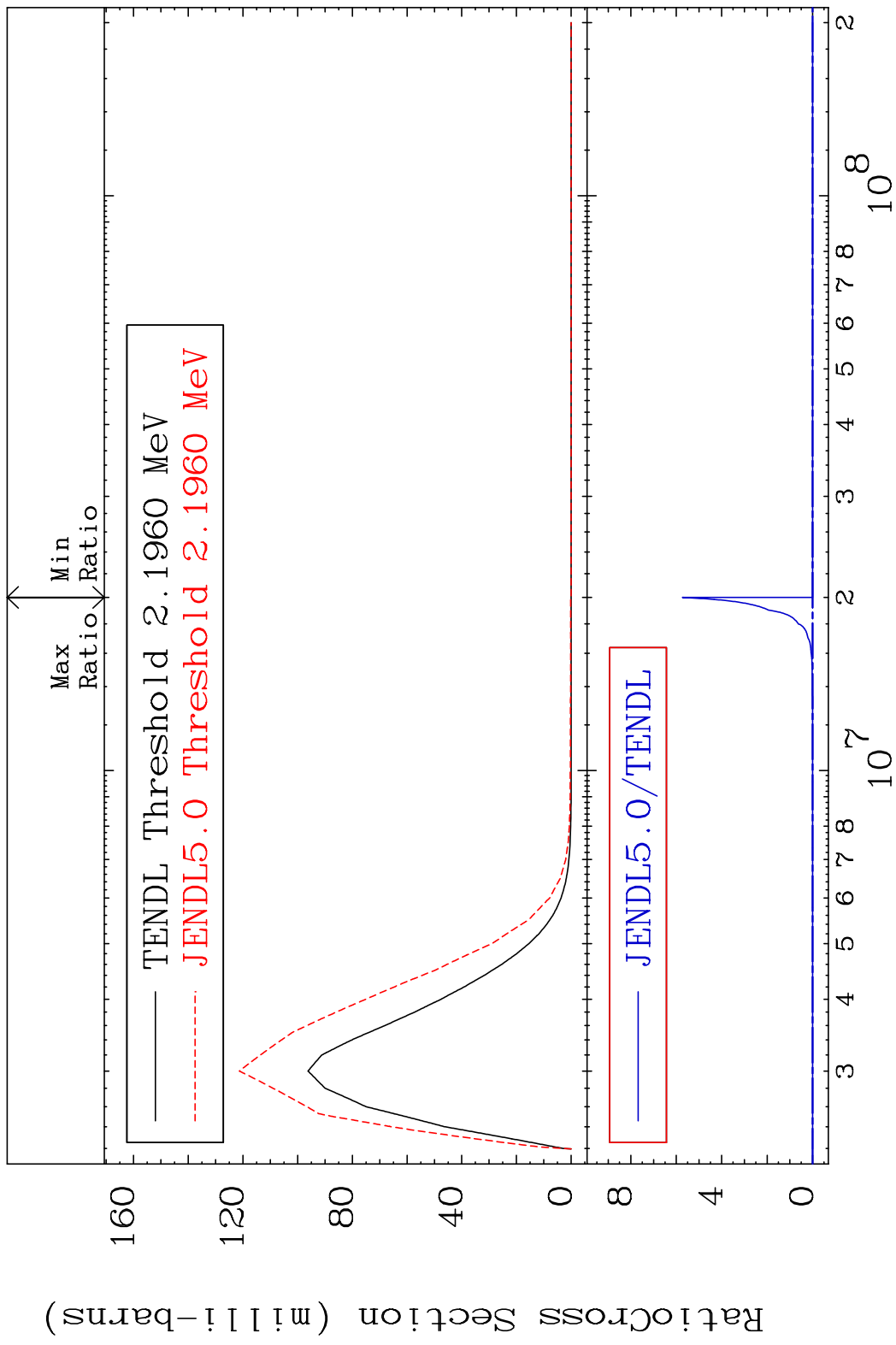
MAT 8219 MT= 63 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 9999. %



MAT 8219 MT= 64 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 319.3 %



MAT 8219 MT= 65 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 9999. %



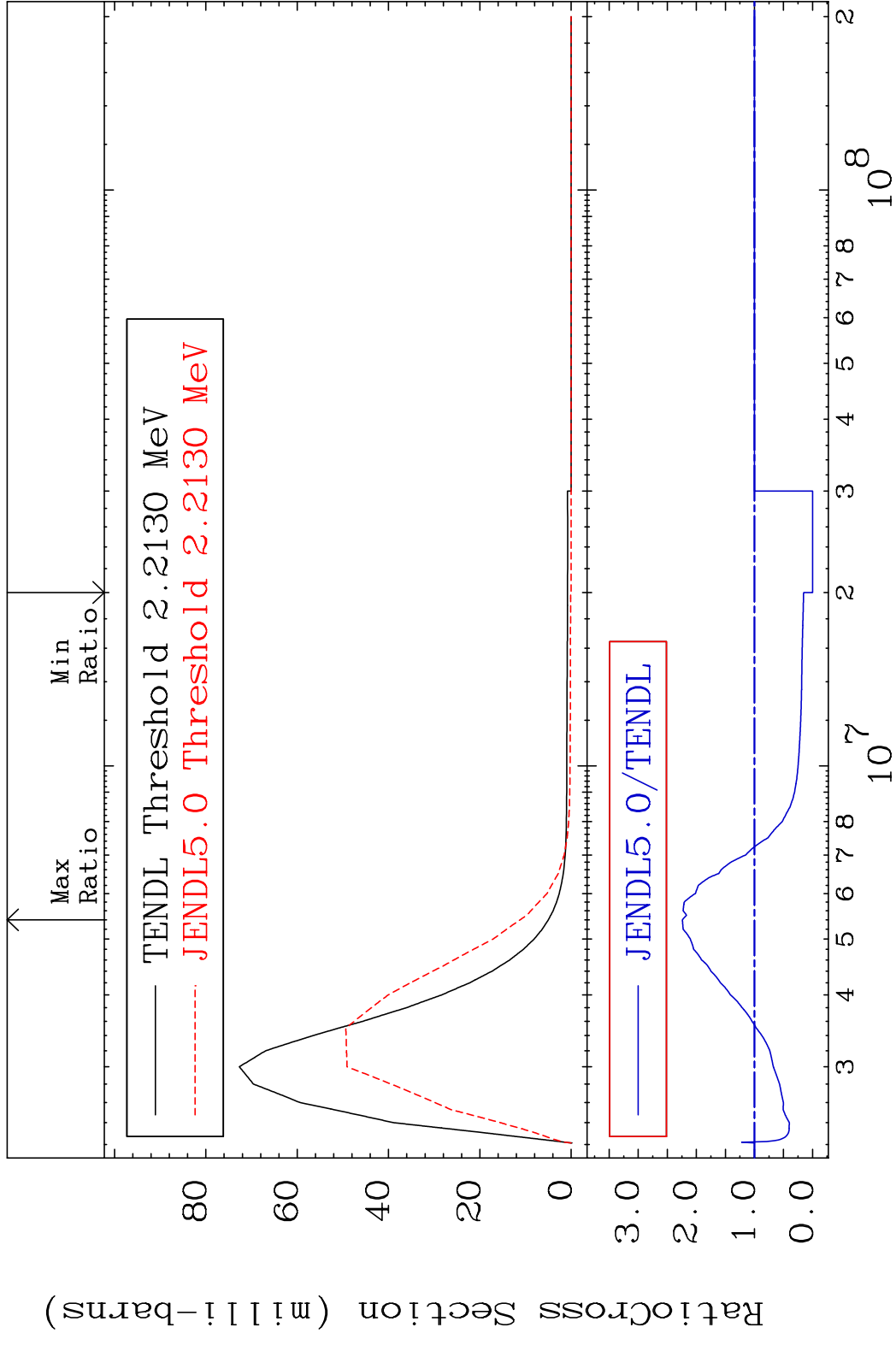
25 82-Pb-202

MAT 8219

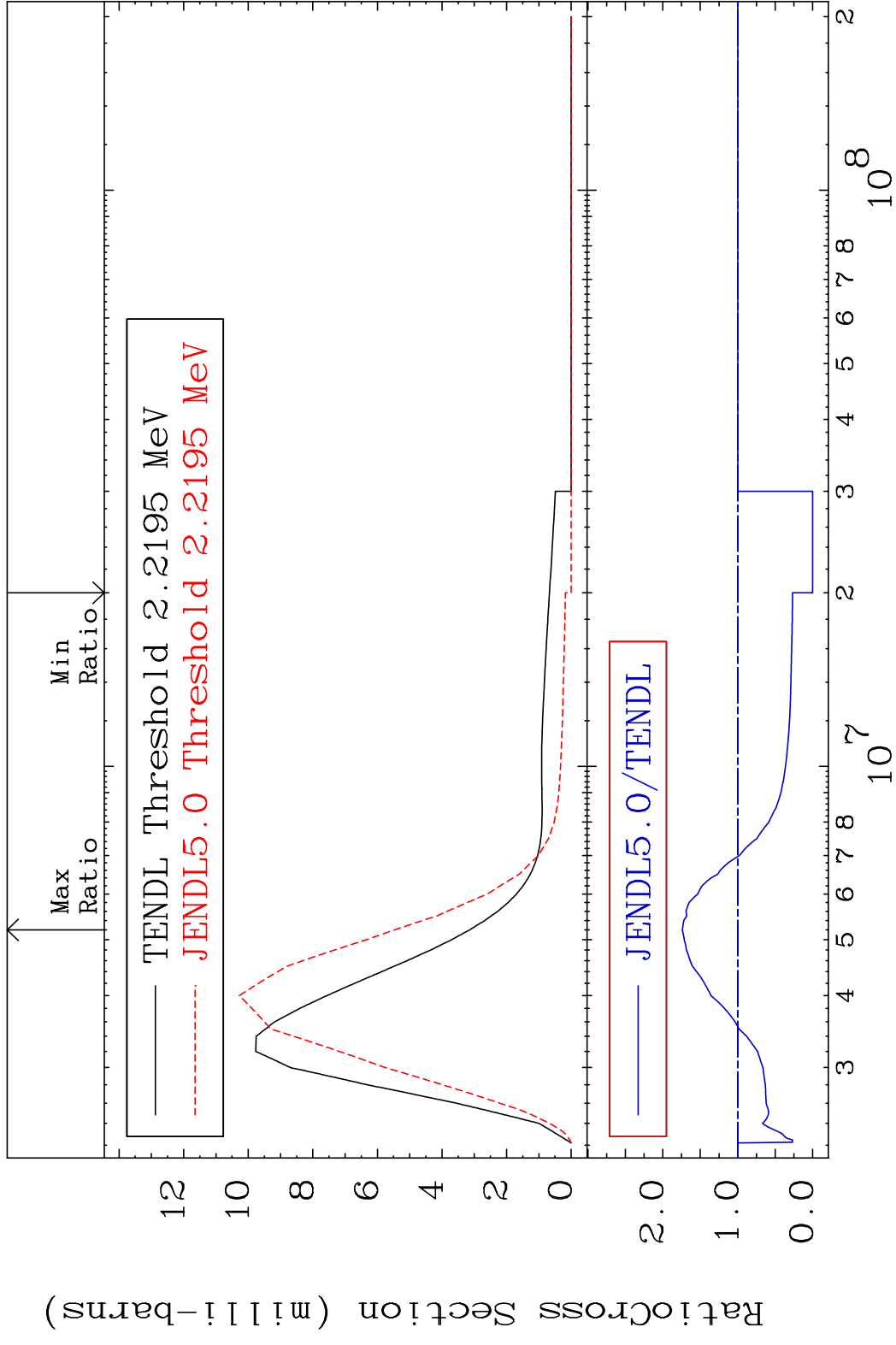
MT= 66 (n,n') Level

82-Pb-202

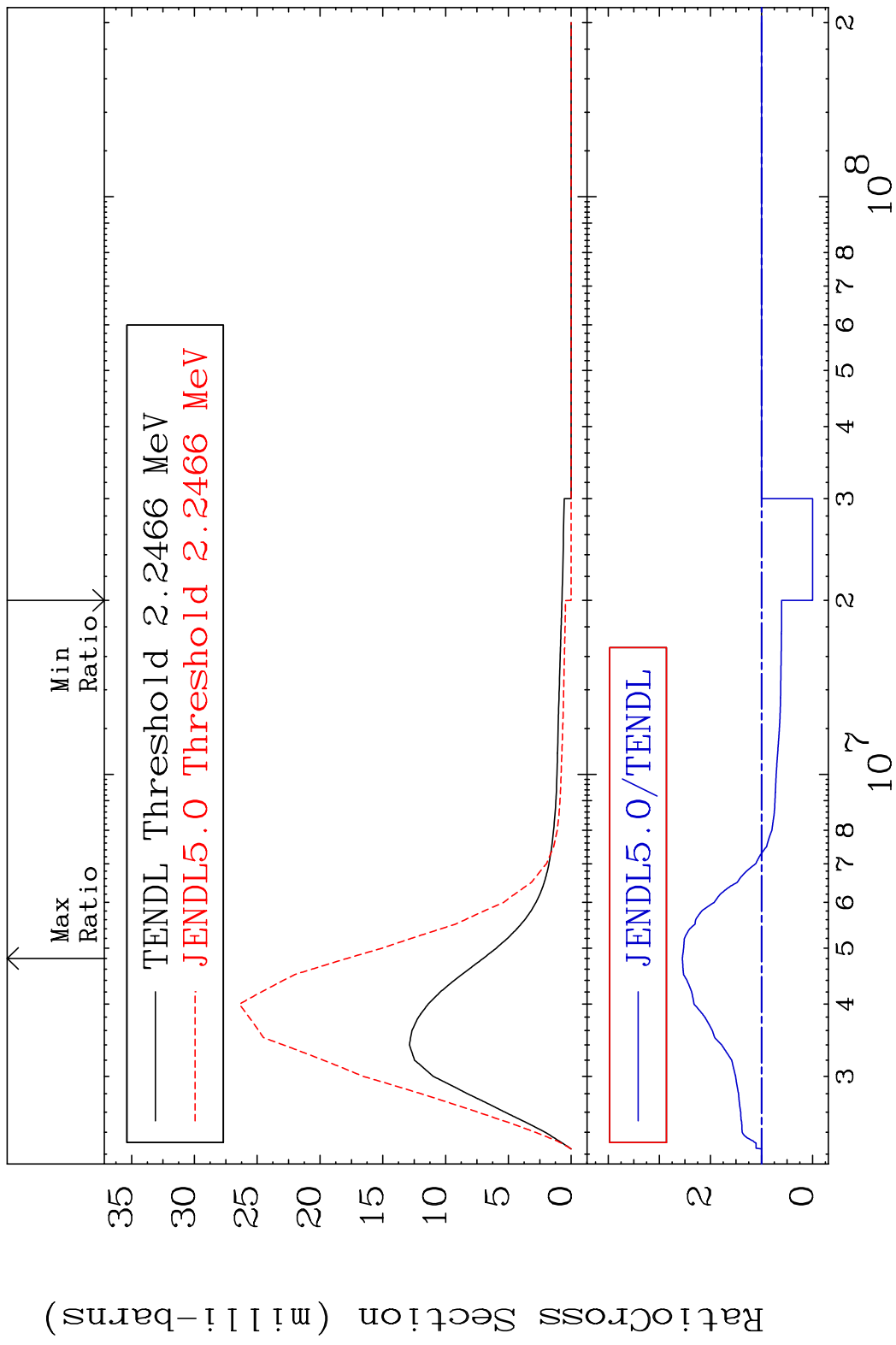
Cross Section -100.0 To 124.1 %



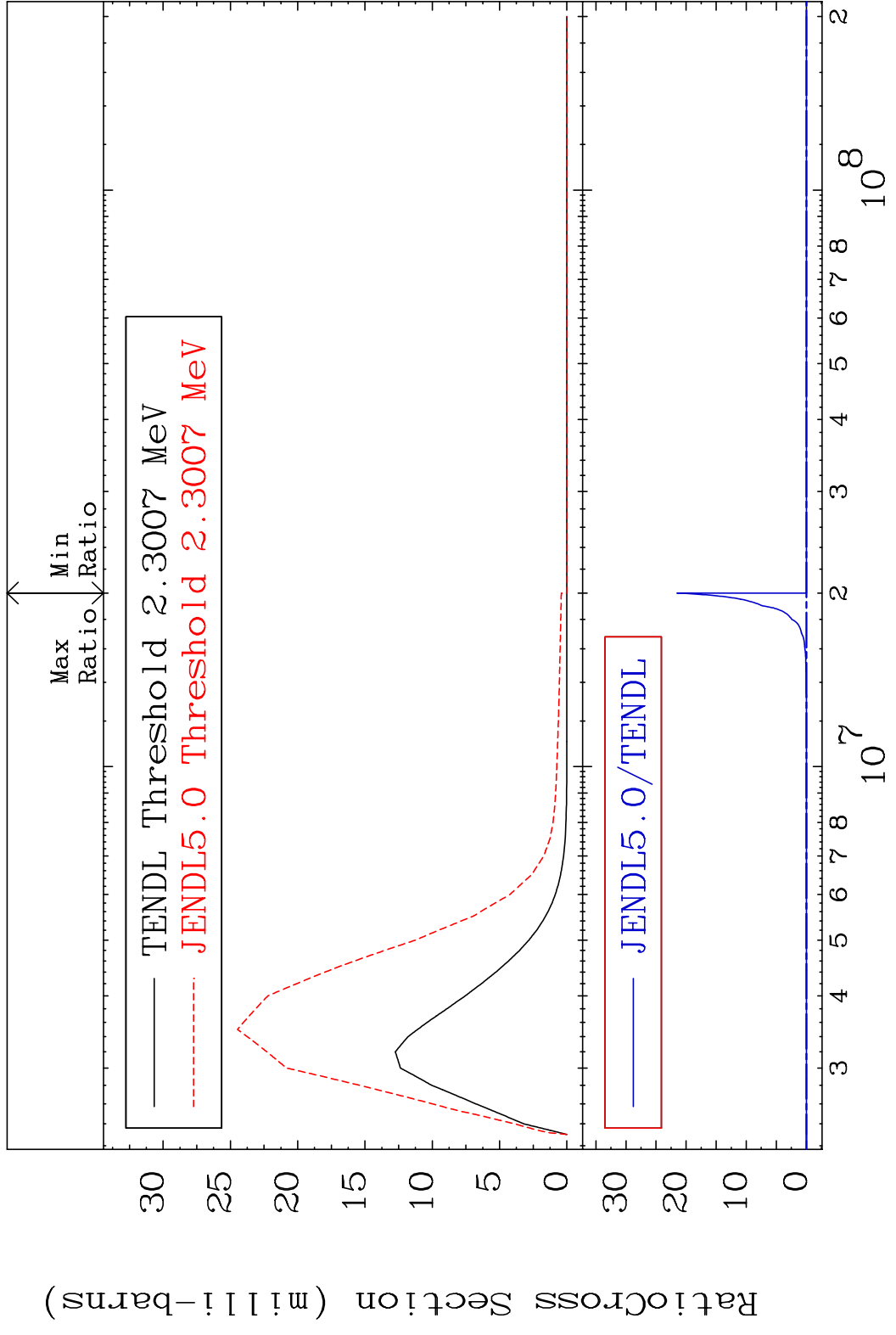
MAT 8219 MT= 67 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 73.95 %



MAT 8219 MT= 68 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 154.9 %

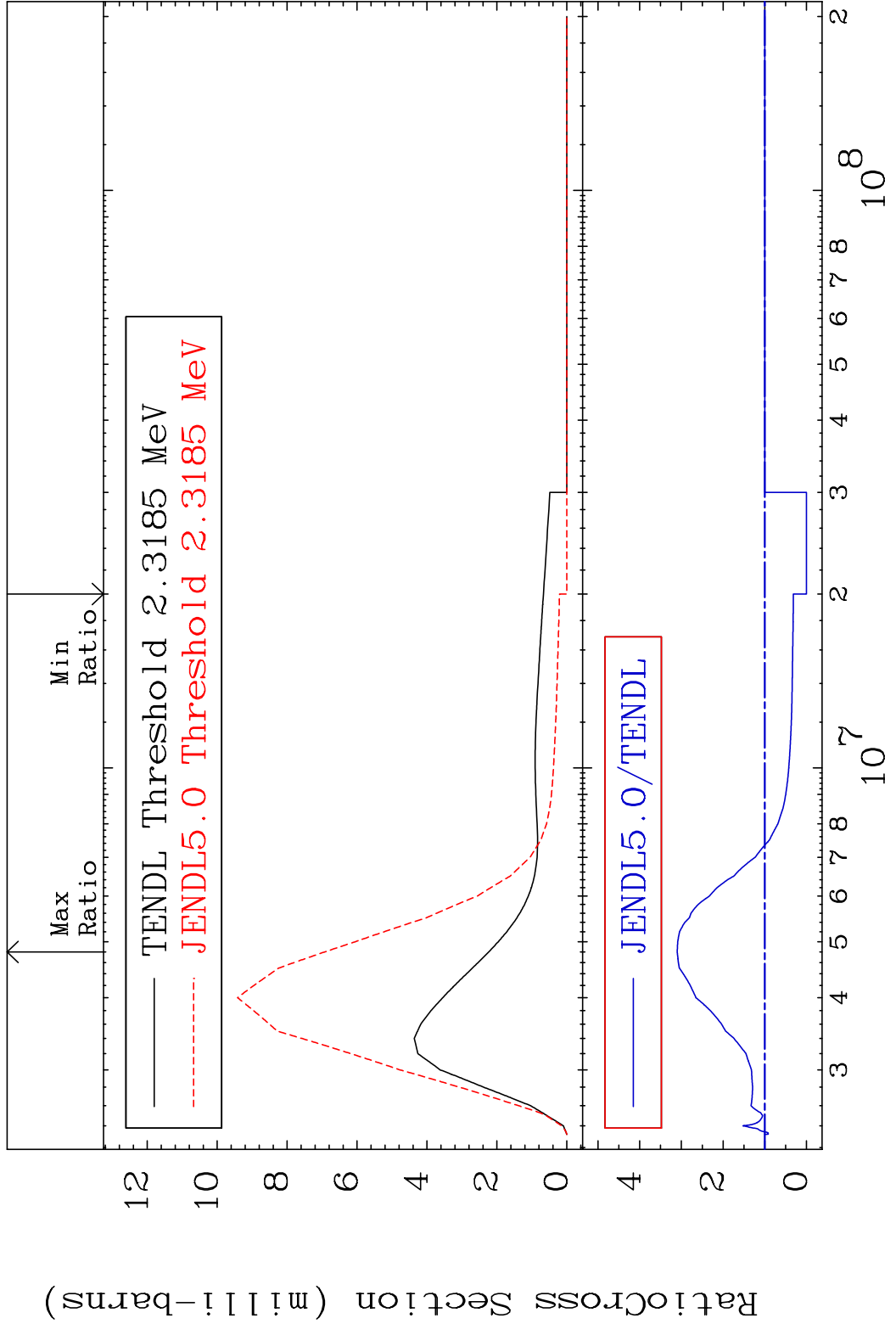


MAT 8219 MT= 69 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 9999. %

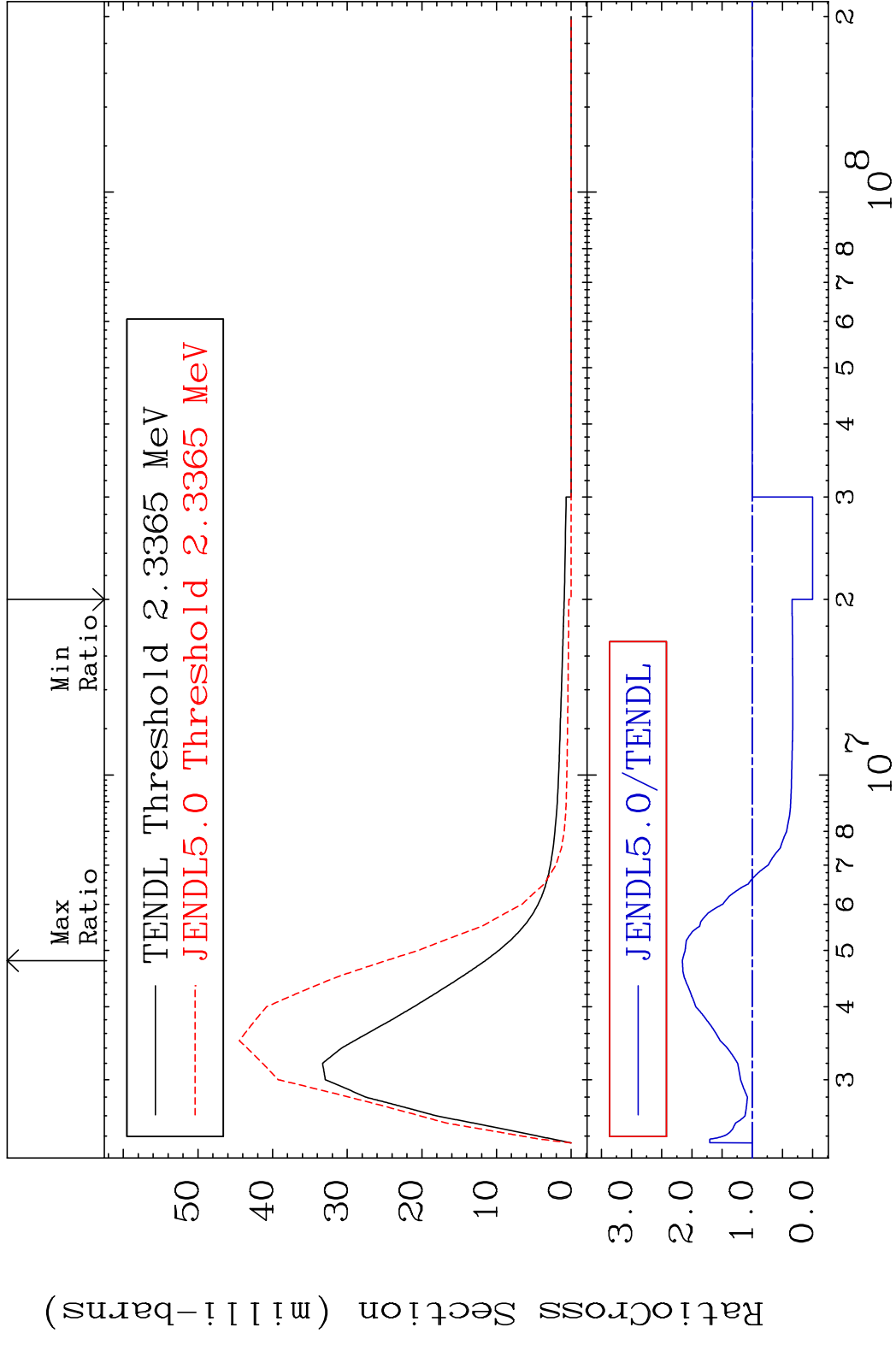


29 Incident Energy (eV) 82-Pb-202

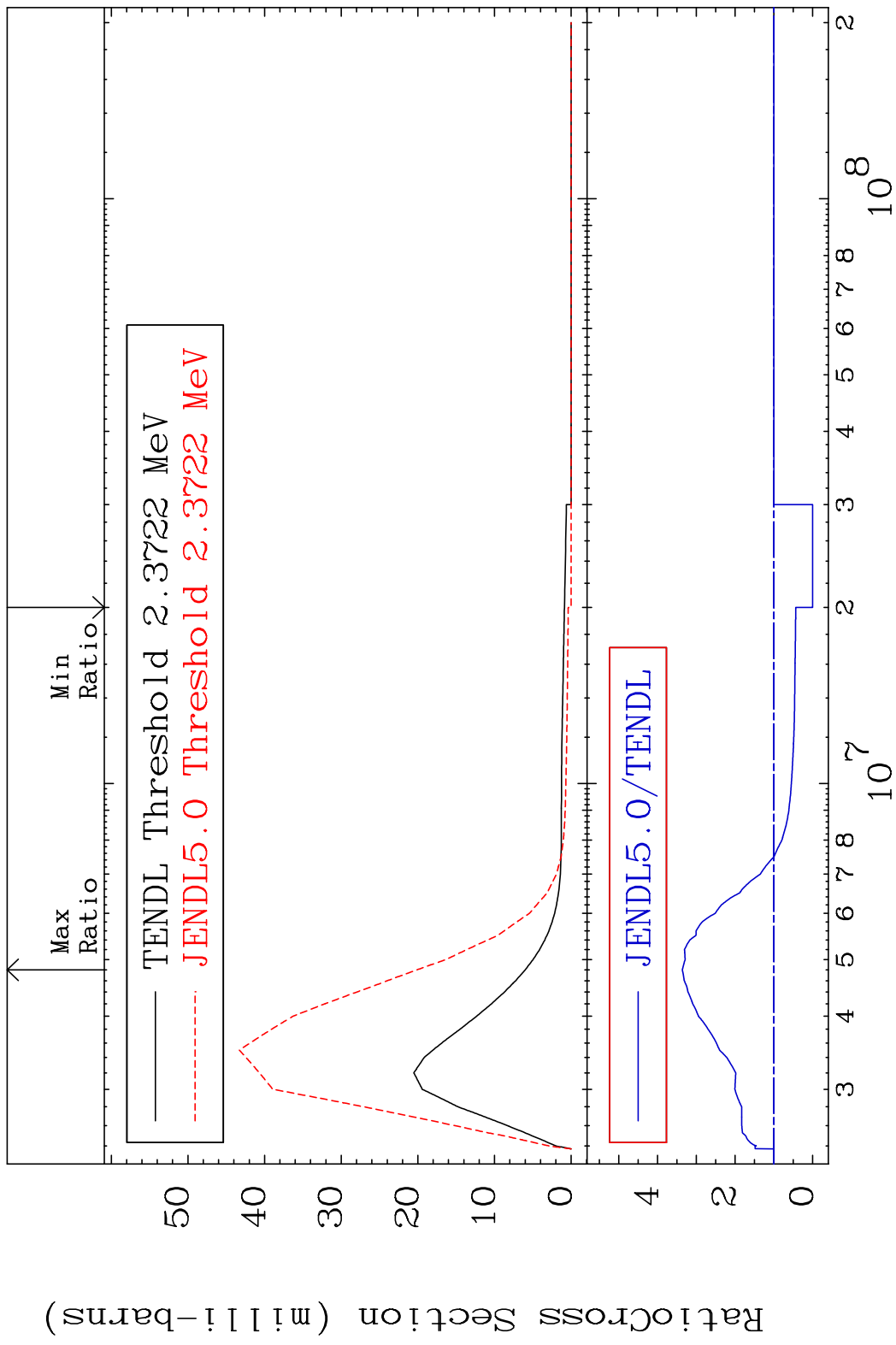
MAT 8219 MT= 70 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 210.1 %



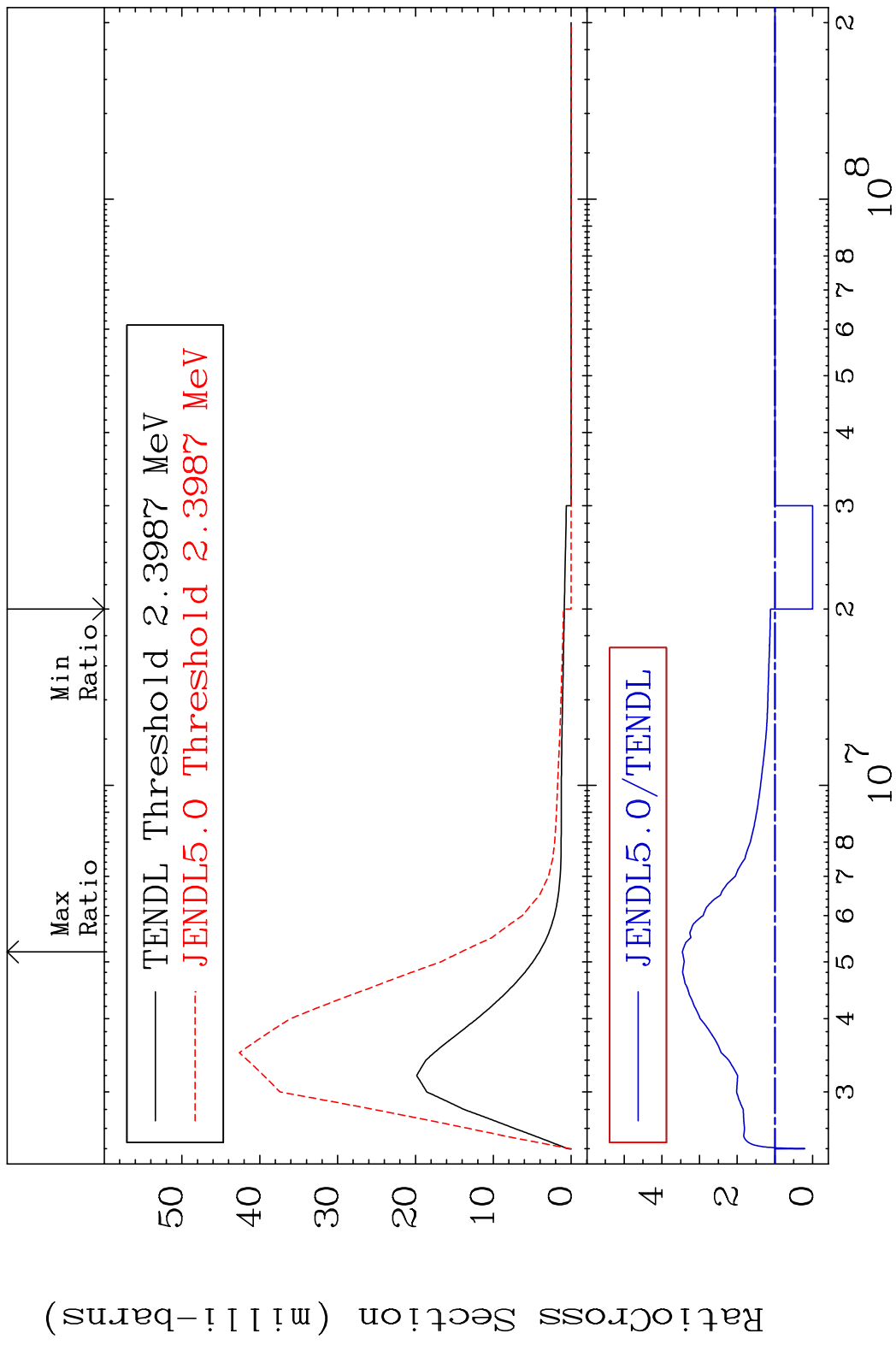
MAT 8219 MT= 71 (n,n') Level 82-Pb-202
 Cross Section -100.0 To 115.8 %



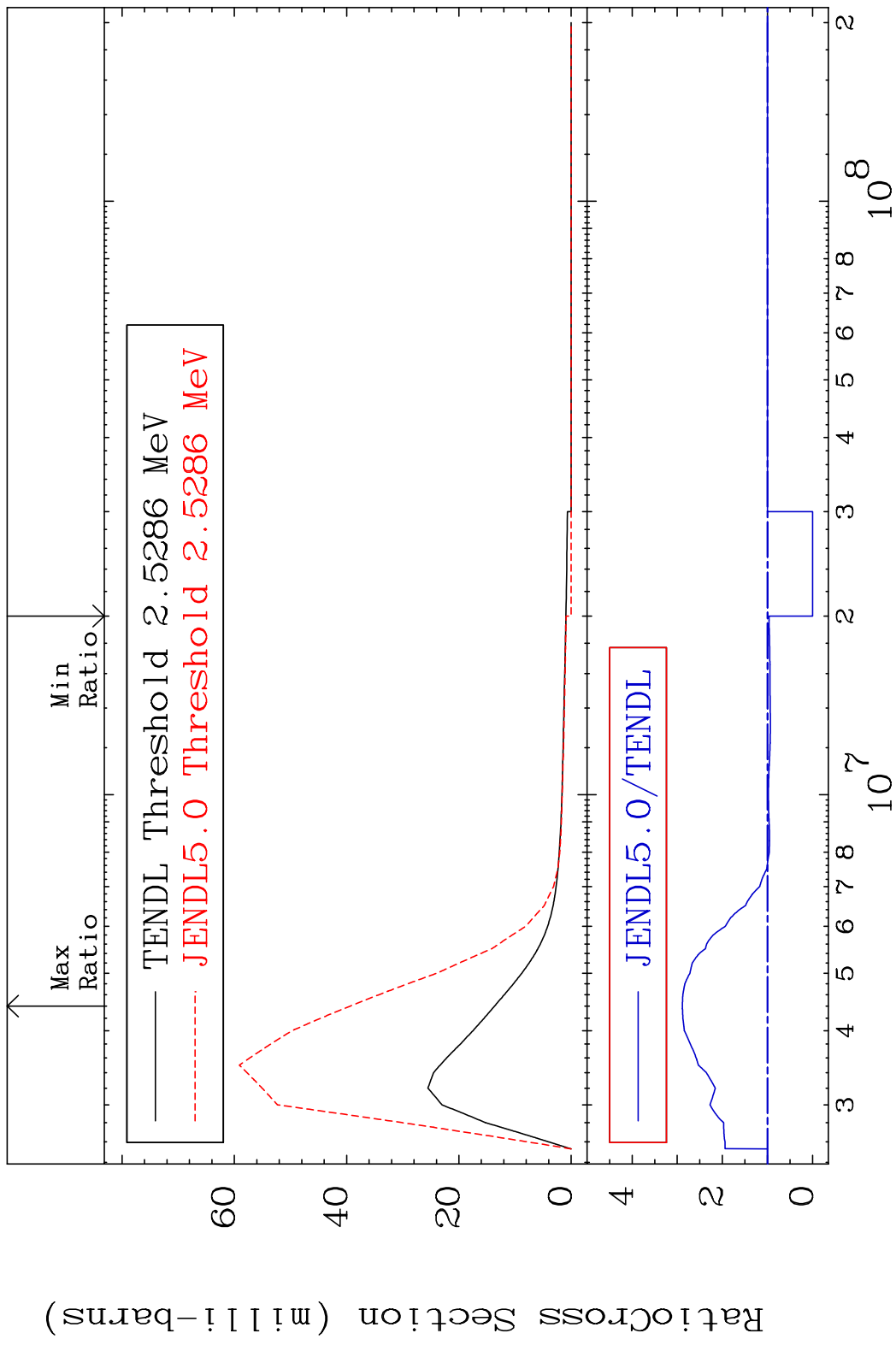
MAT 8219 MT= 72 (n,n') Level 82-Pb-202
 Cross Section -100.0 To 235.8 %



MAT 8219 MT= 73 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 245.6 %



MAT 8219 MT= 74 (n, n') Level 82-Pb-202
 Cross Section -100.0 To 188.7 %

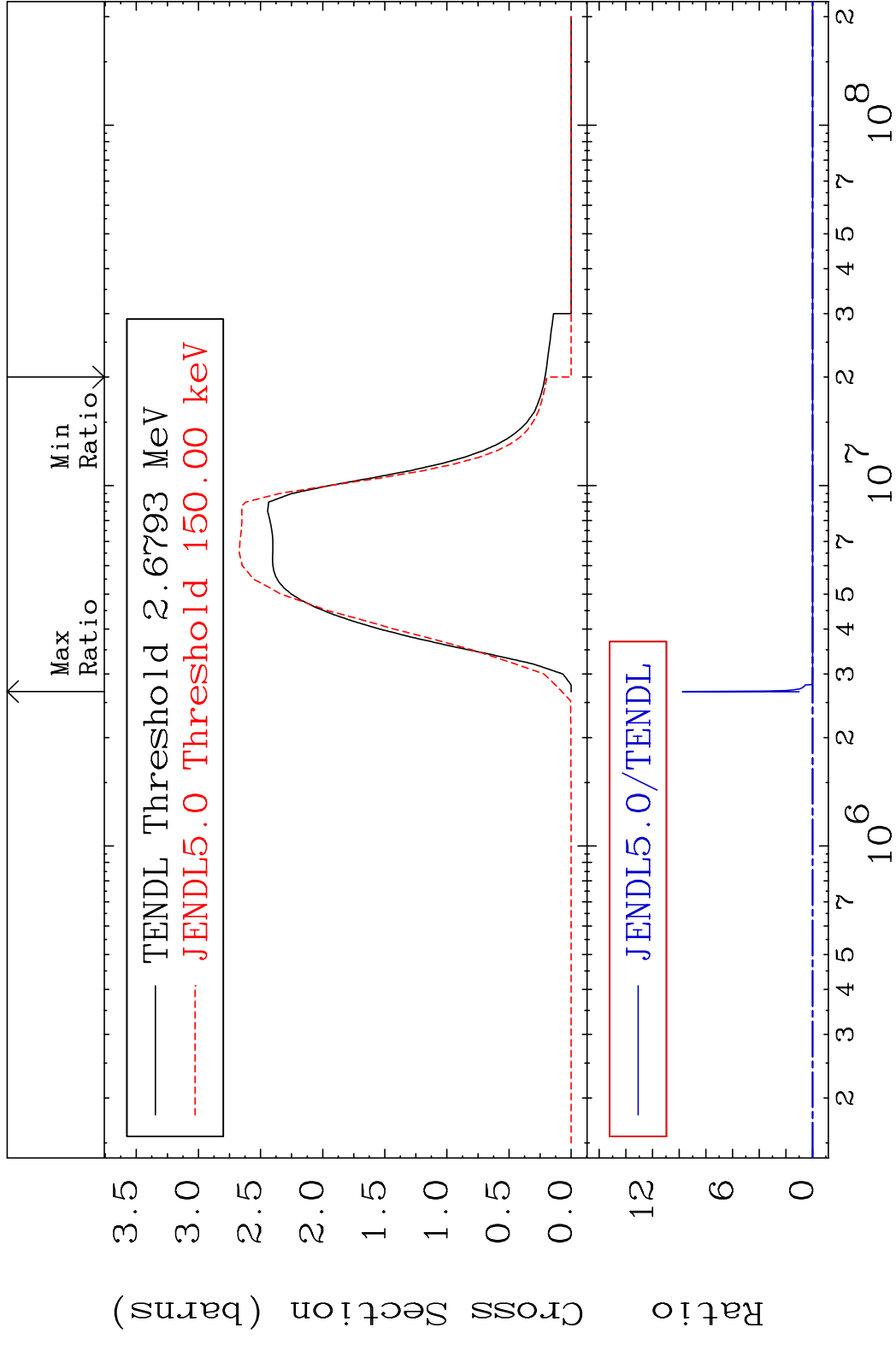


MAT 8219

(n, n') Continuum

82-Pb-202

Cross Section -100.0 To 9999. %

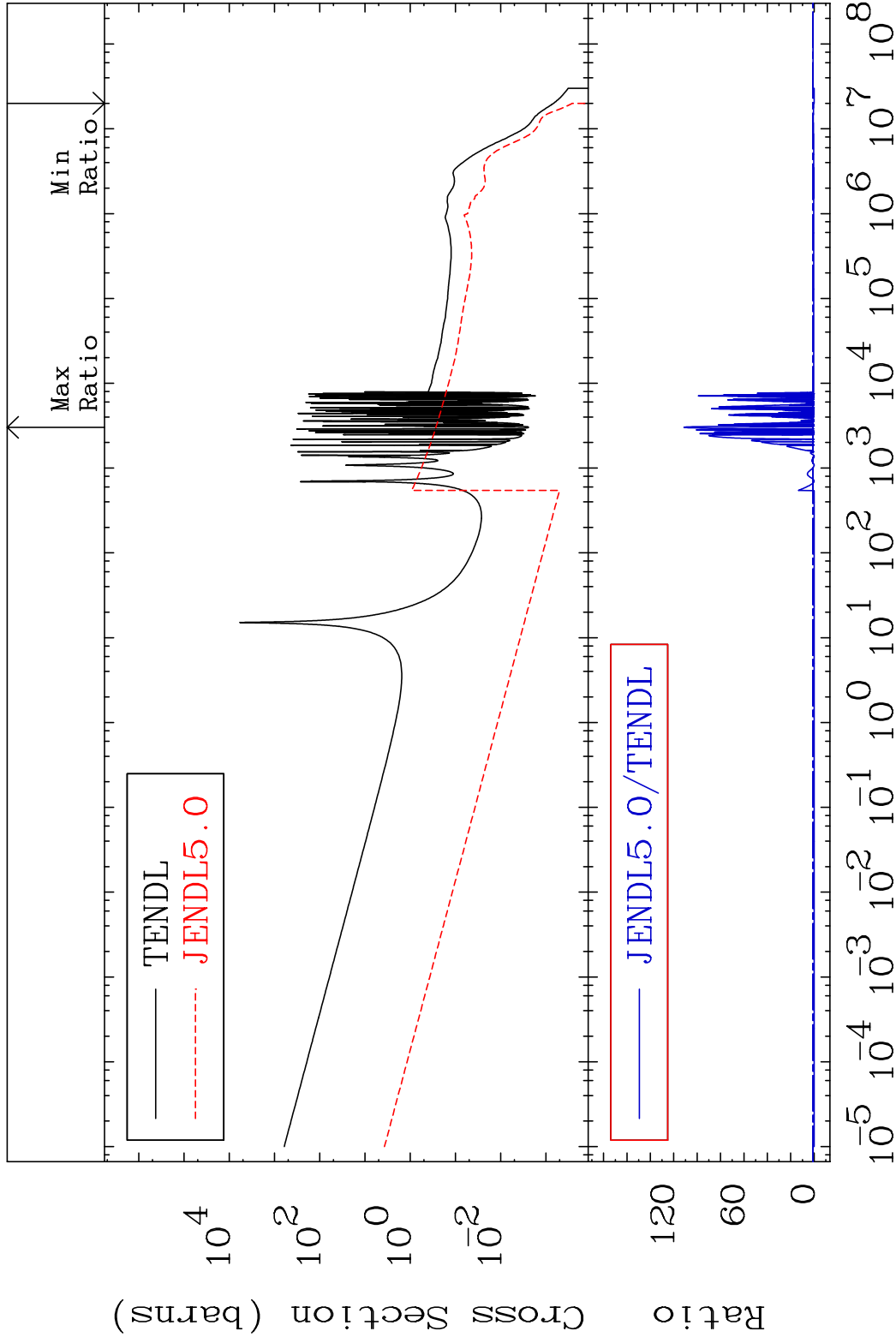


MAT 8219

(n, γ)

82-Pb-202

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

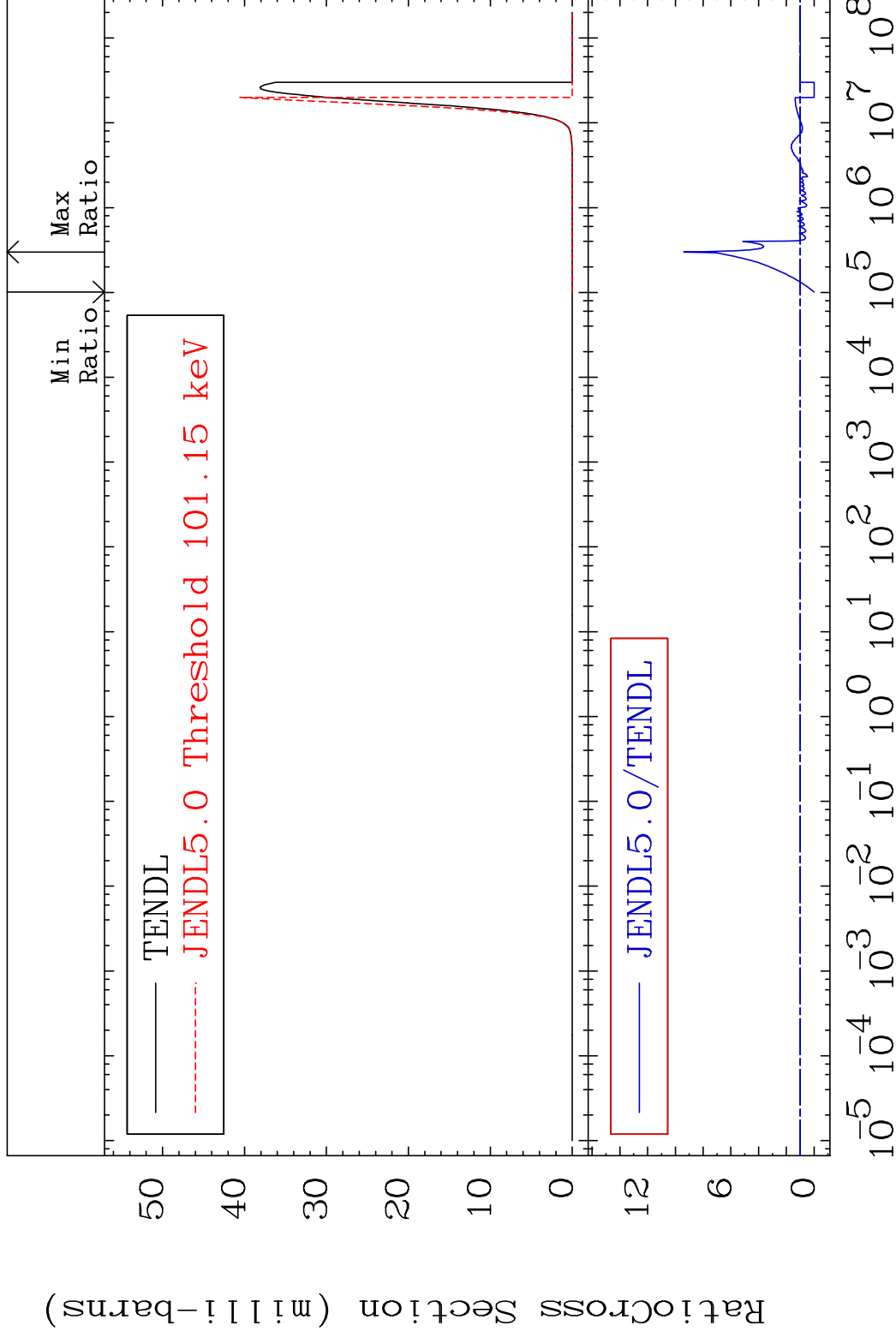
82-Pb-202

MAT 8219

(n, p)

82-Pb-202

Cross Section -100.0 To 840.3 %



37

Incident Energy (eV)

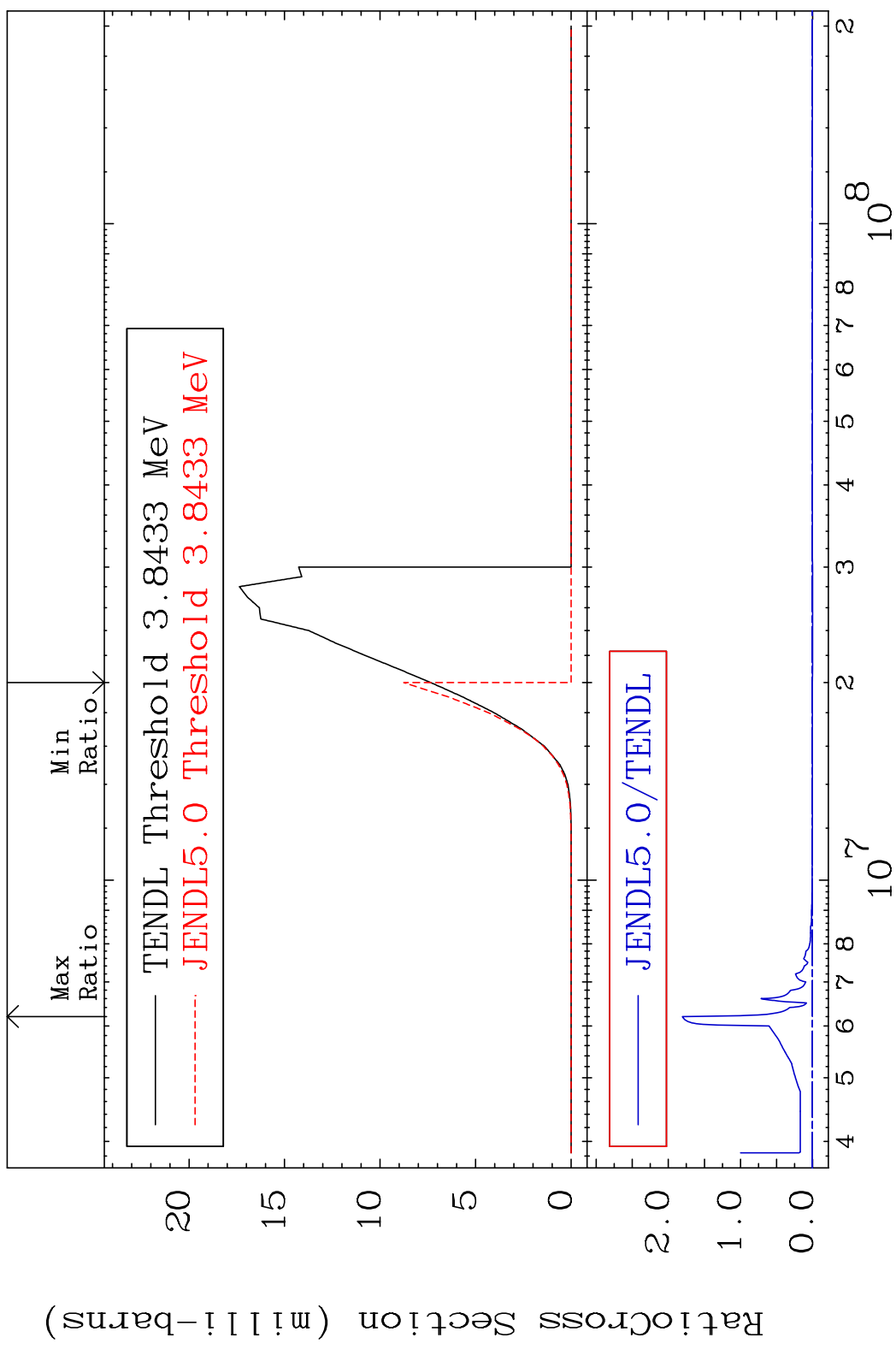
82-Pb-202

MAT 8219

(n,d)

82-Pb-202

Cross Section -100.0 To 9999. %

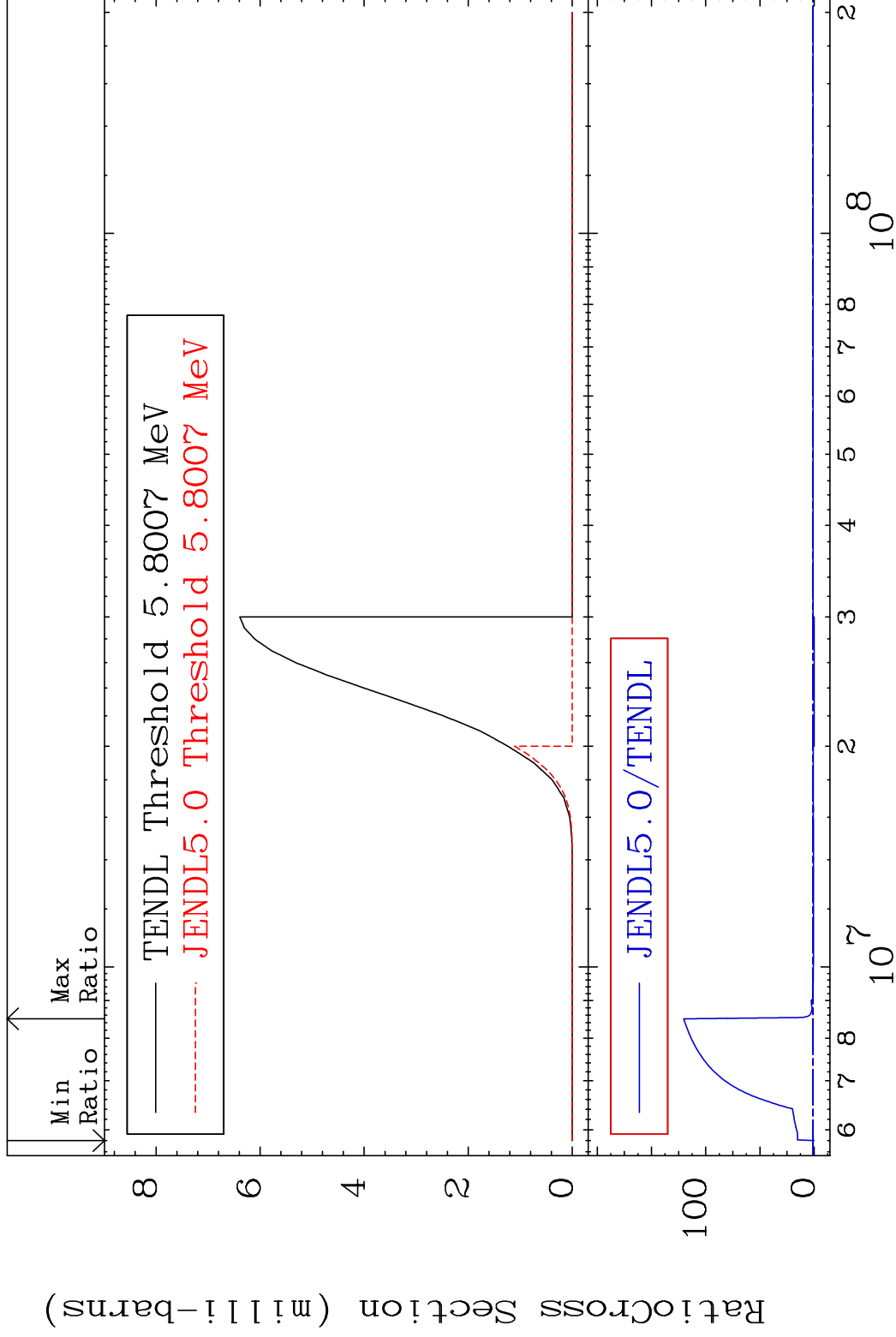


MAT 8219

(n, t)

82-Pb-202

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

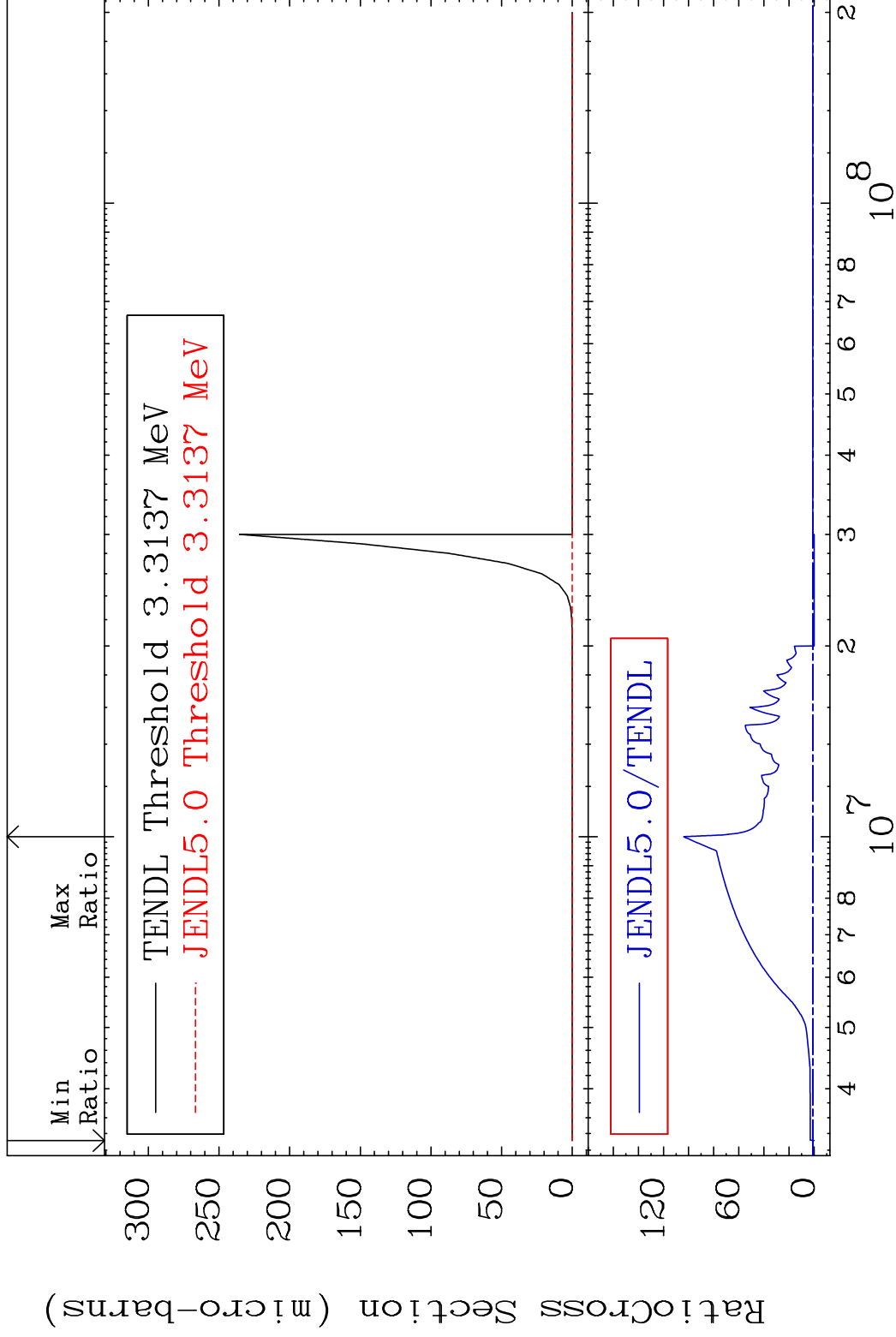
82-Pb-202

MAT 8219

(n, He-3)

82-Pb-202

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

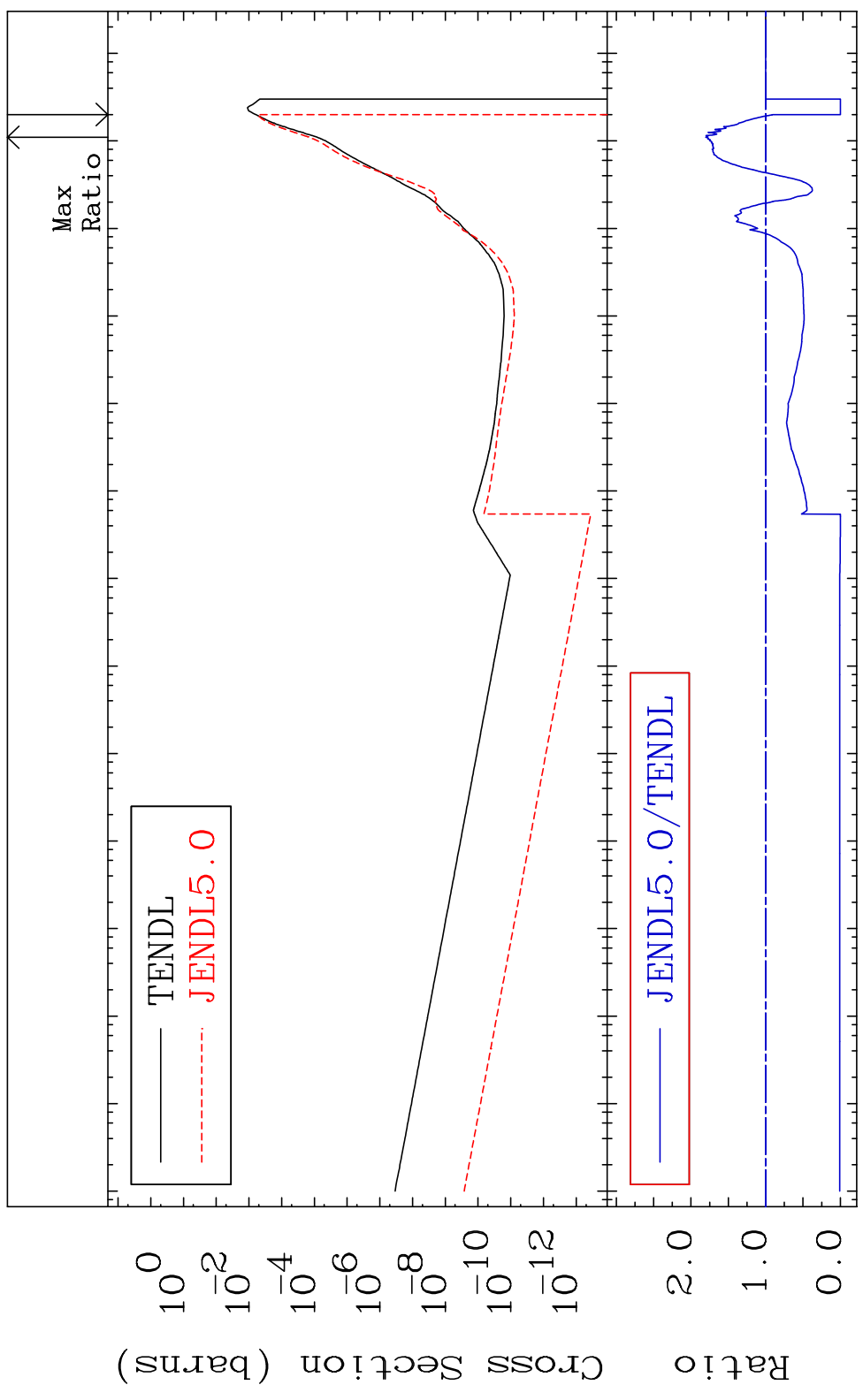
82-Pb-202

MAT 8219

(n, α)

82-Pb-202

Cross Section -100.0 To 80.30 %

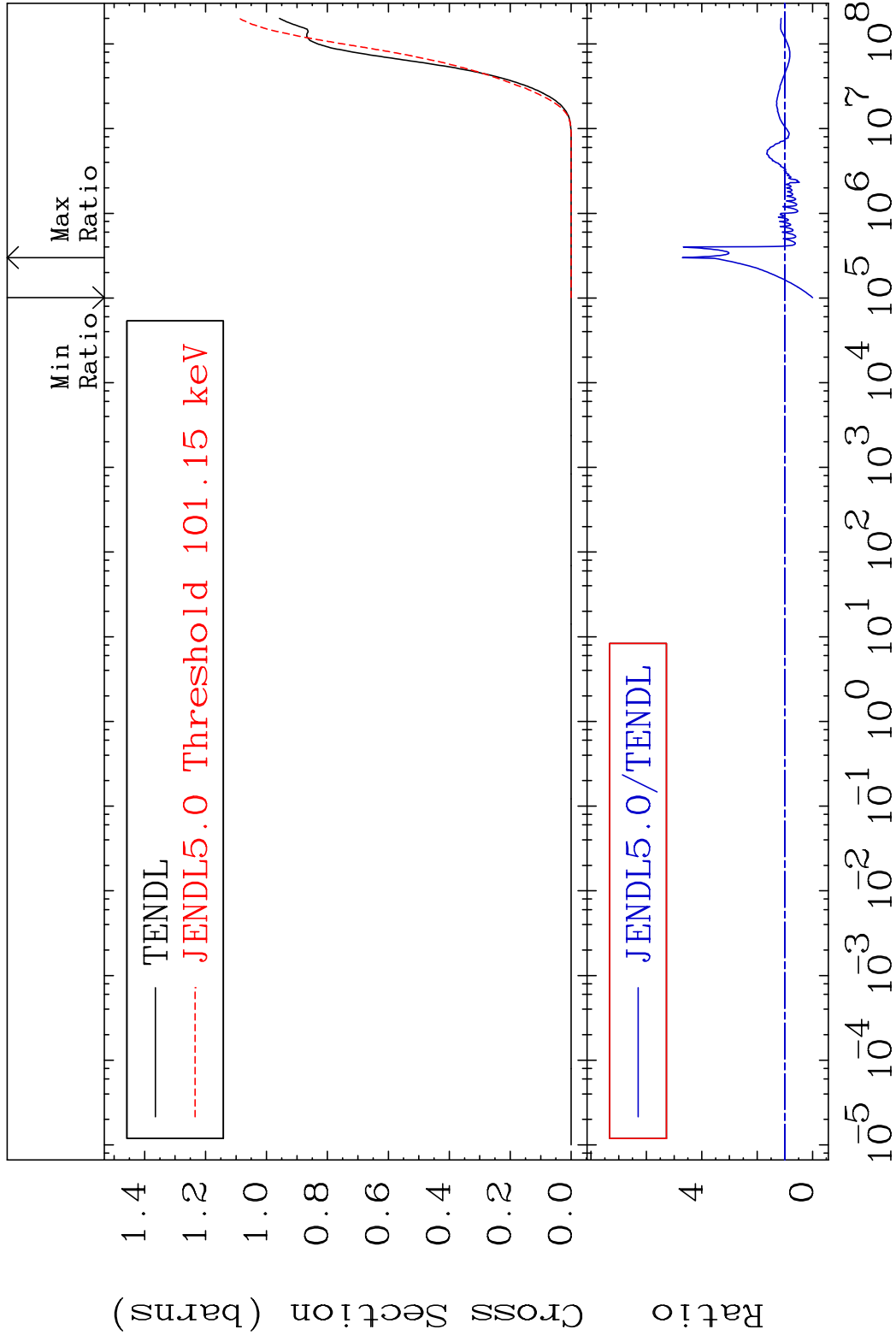


MAT 8219

Hydrogen Production

82-Pb-202

Cross Section -100.0 To 370.1 %



42

Incident Energy (eV)

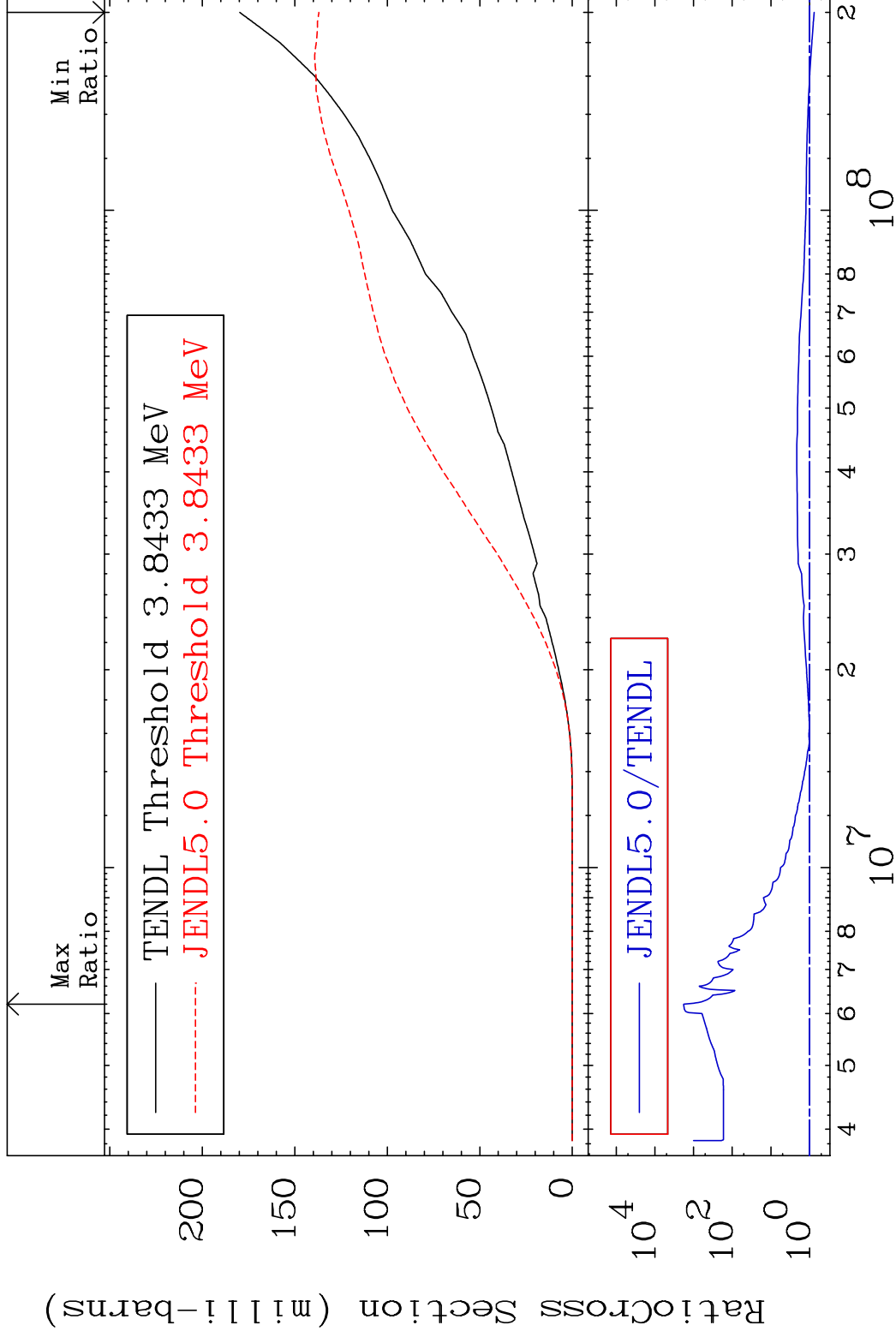
82-Pb-202

MAT 8219

Deuterium Production

82-Pb-202

Cross Section -23.80 To 9999. %

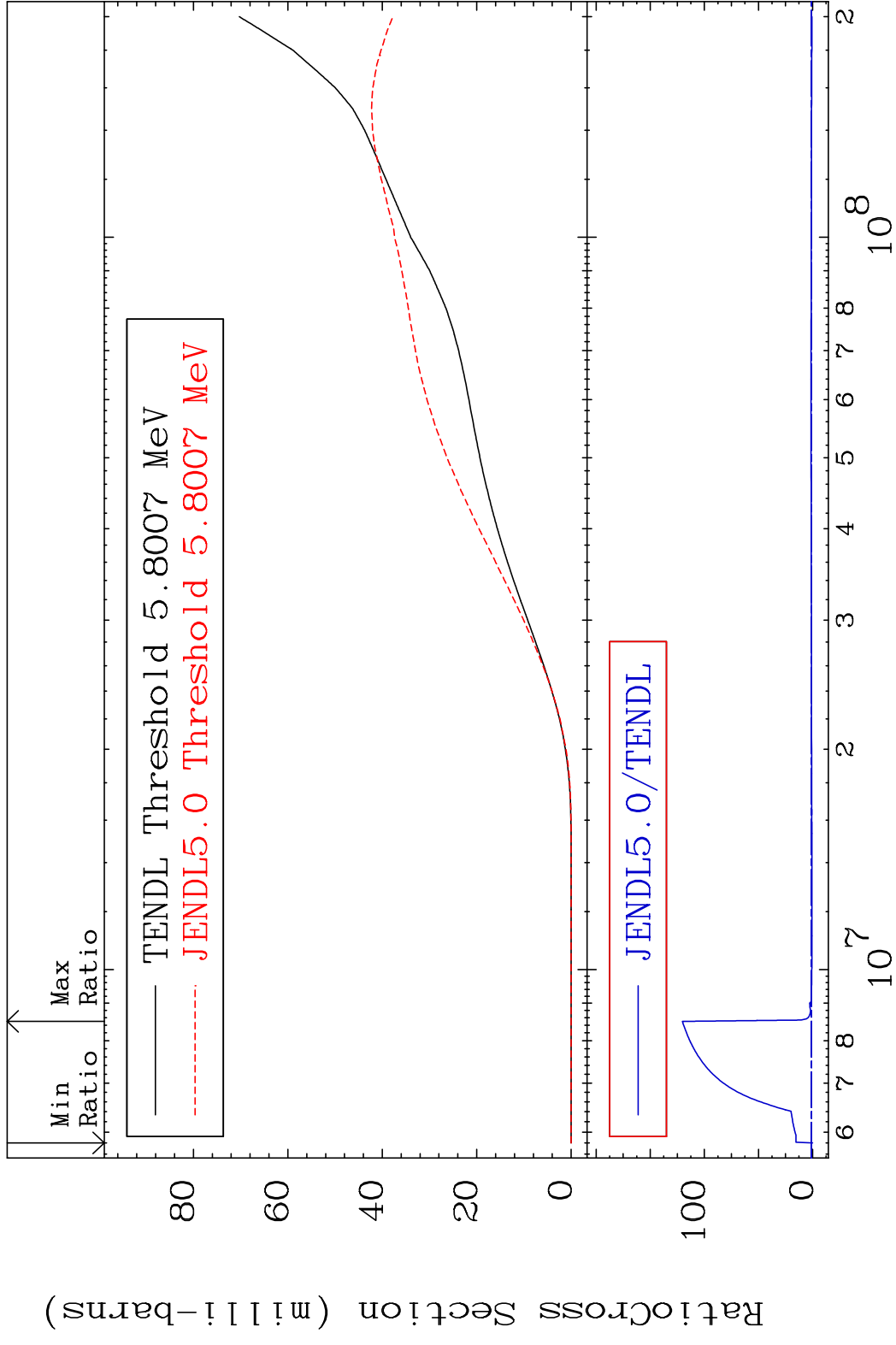


43

Incident Energy (eV)

82-Pb-202

MAT 8219 Tritium Production 82-Pb-202
 Cross Section -100.0 To 9999. %

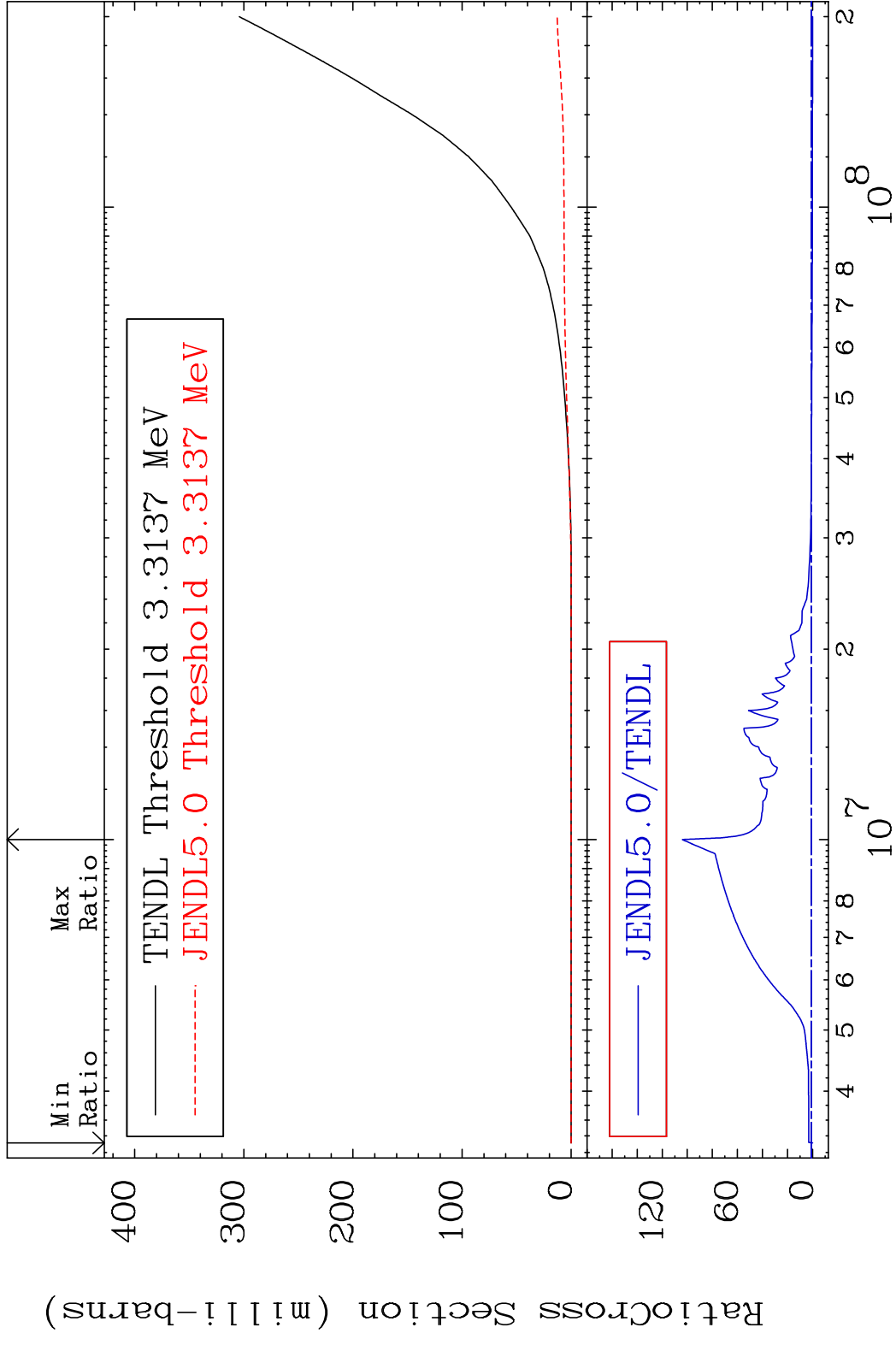


MAT 8219

He-3 Production

82-Pb-202

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

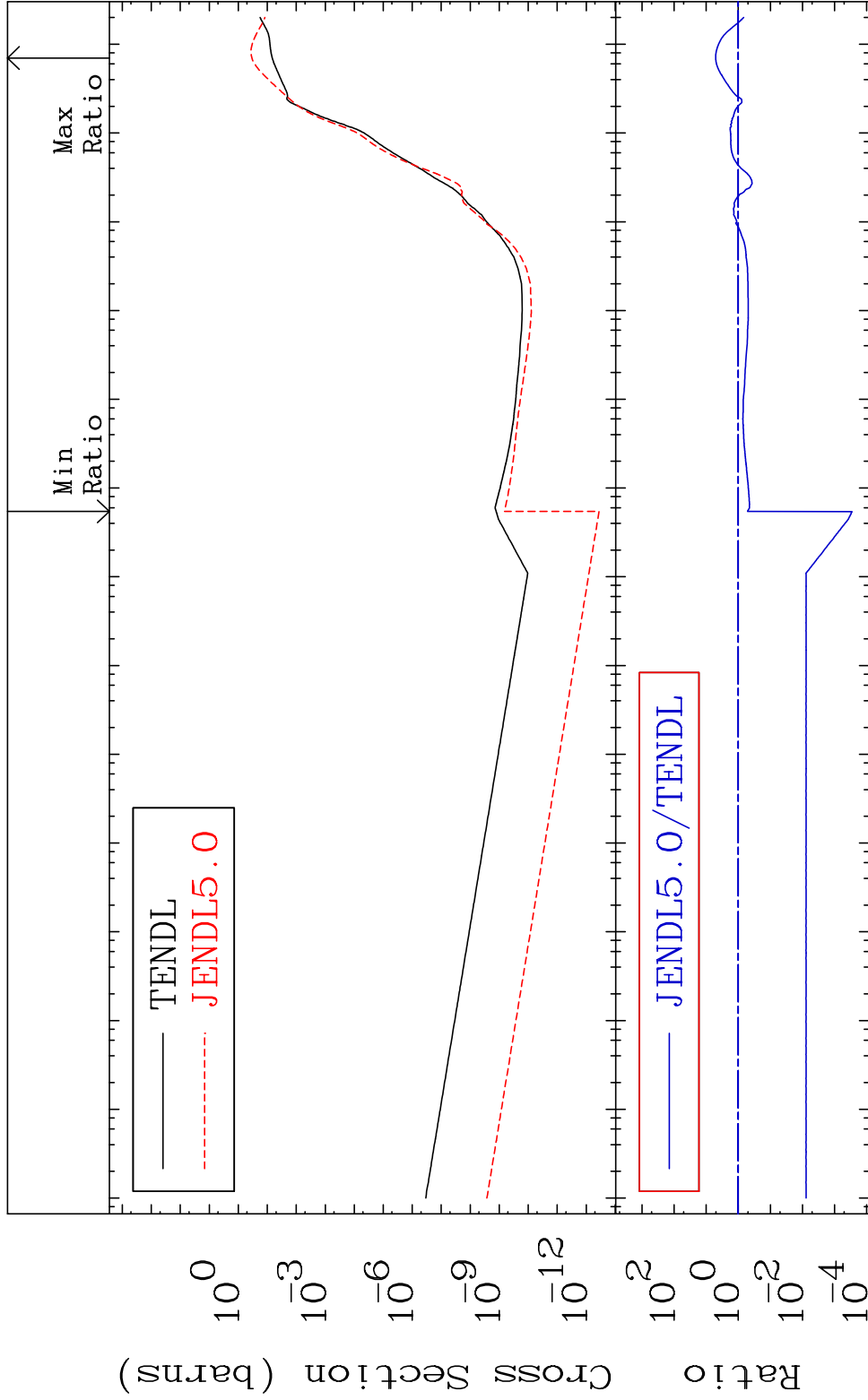
82-Pb-202

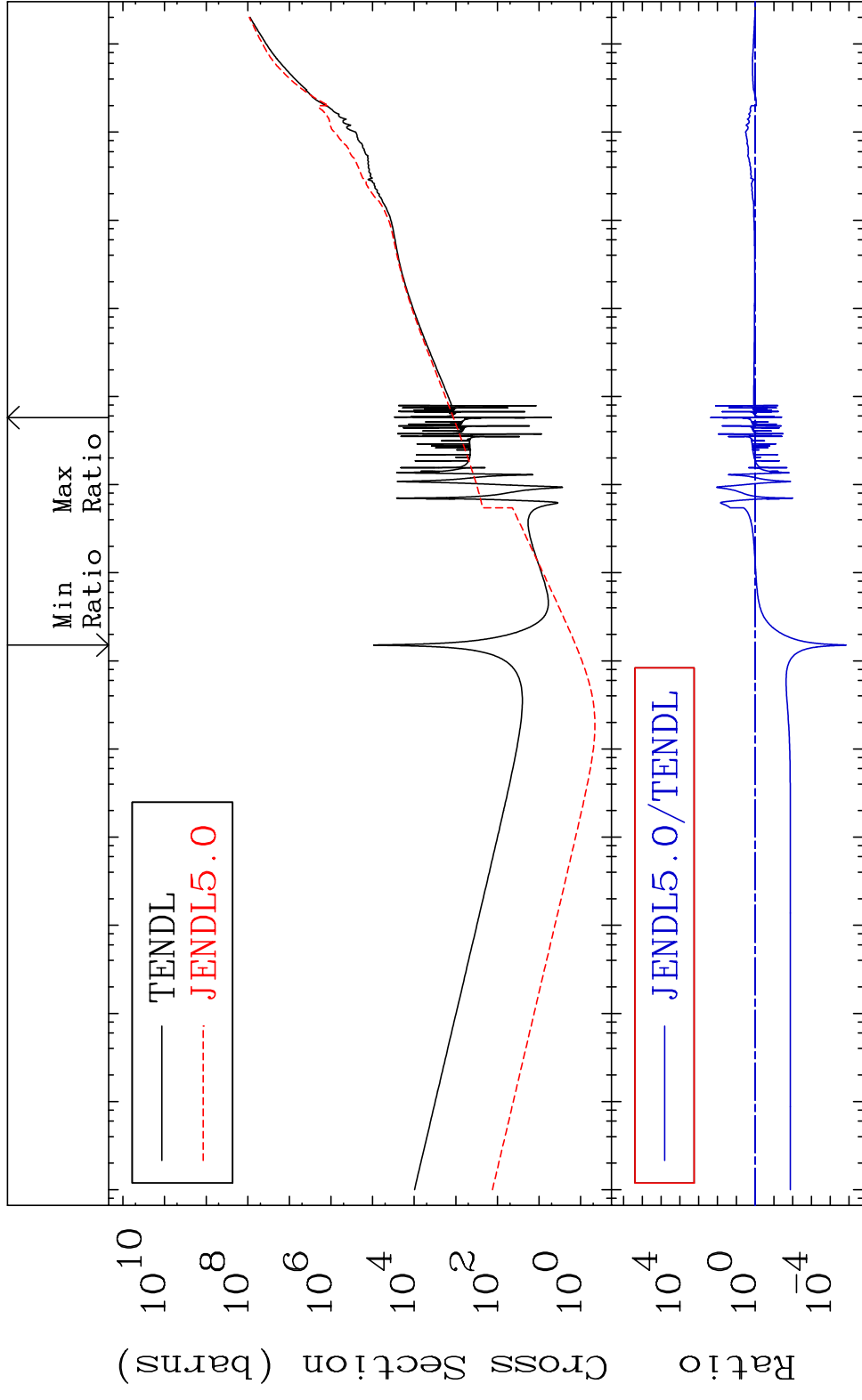
MAT 8219

He-4 Production

82-Pb-202

Cross Section -99.97 To 406.1 %





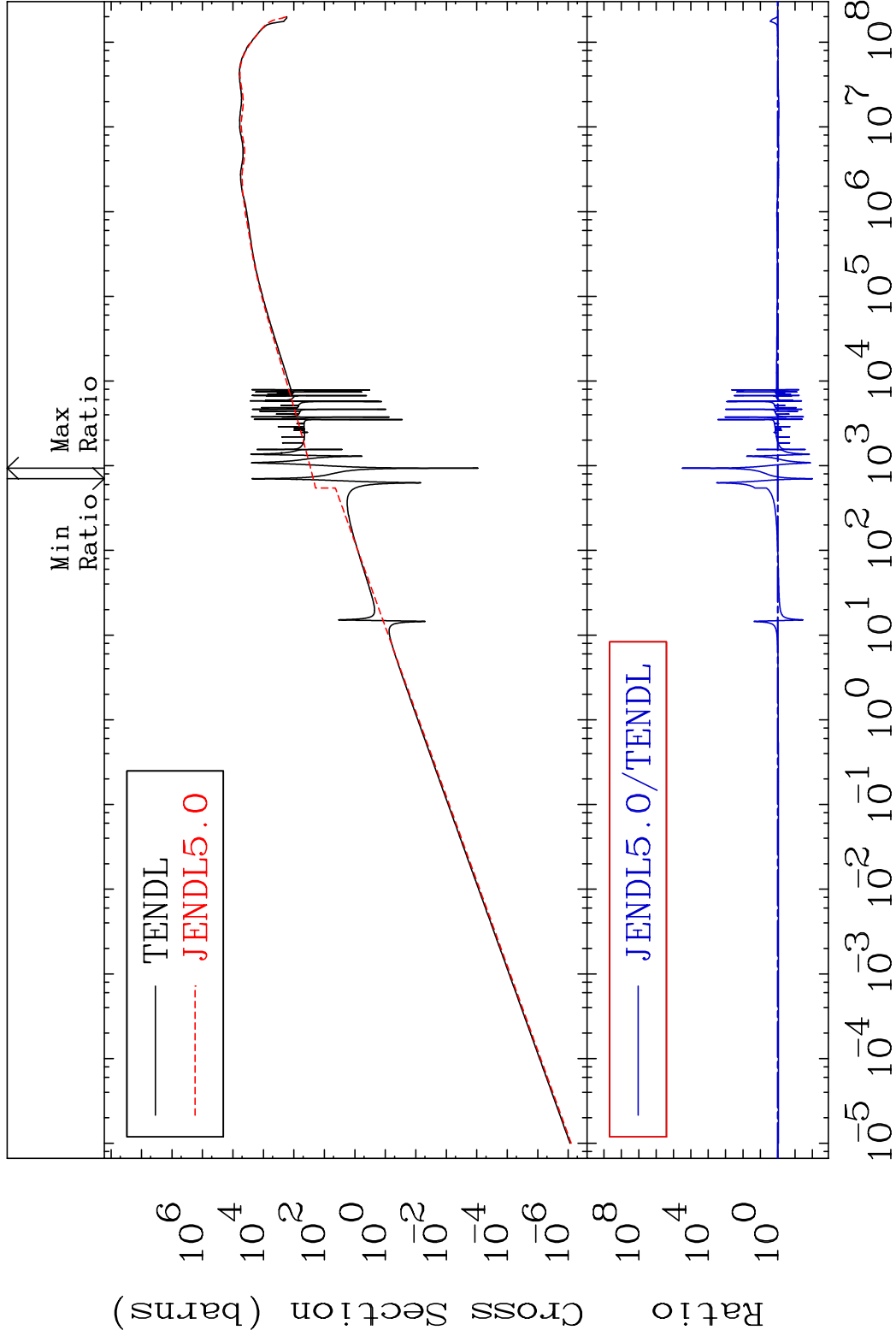
MAT 8219

Kerma elastic

82-Pb-202

Cross Section

-99.02 To 9999. %

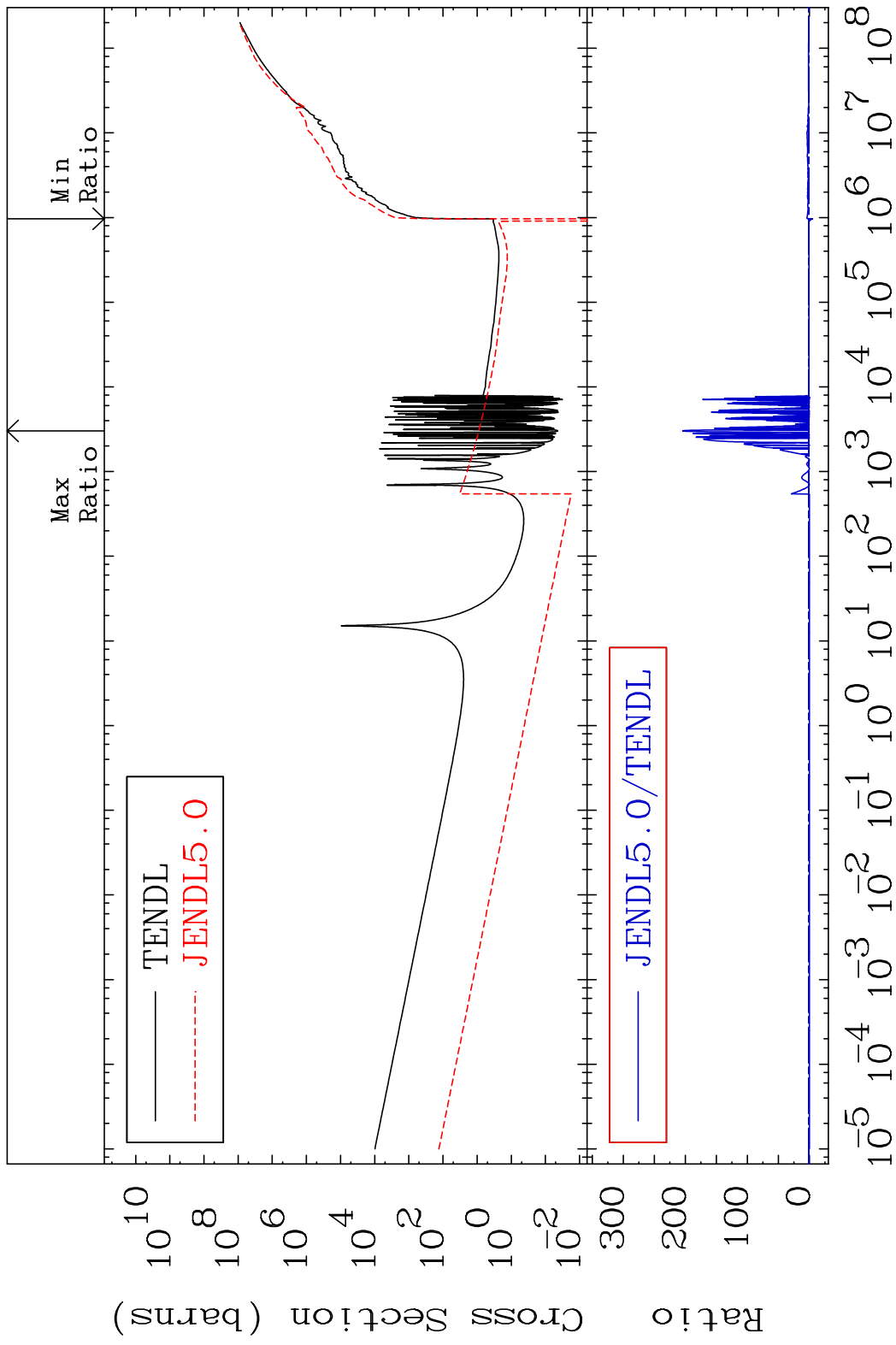


48

Incident Energy (eV)

82-Pb-202

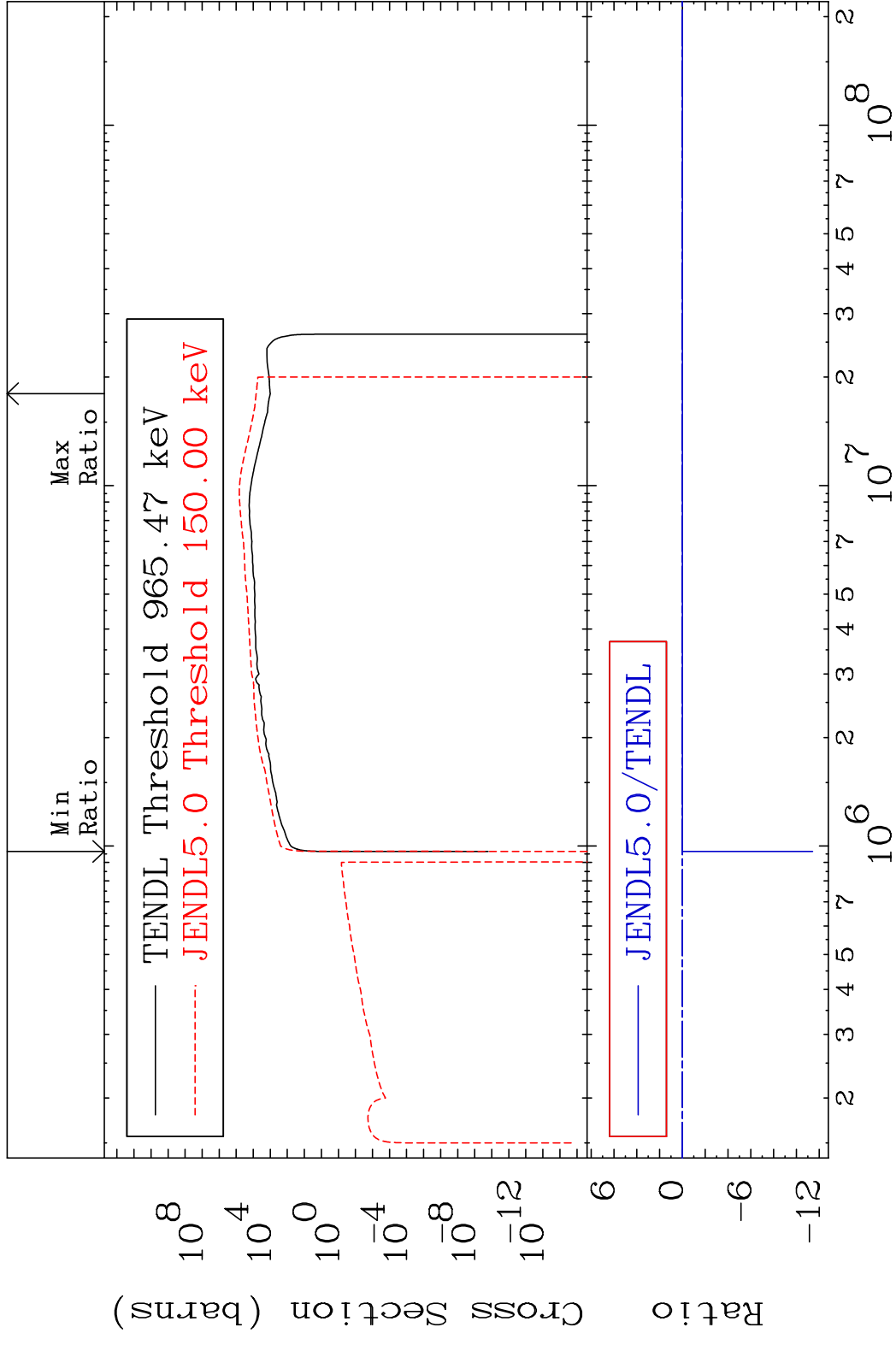
MAT 8219 Kerma non-elastic (all but mt2) 82-Pb-202
 Cross Section -616.3 To 9999. %



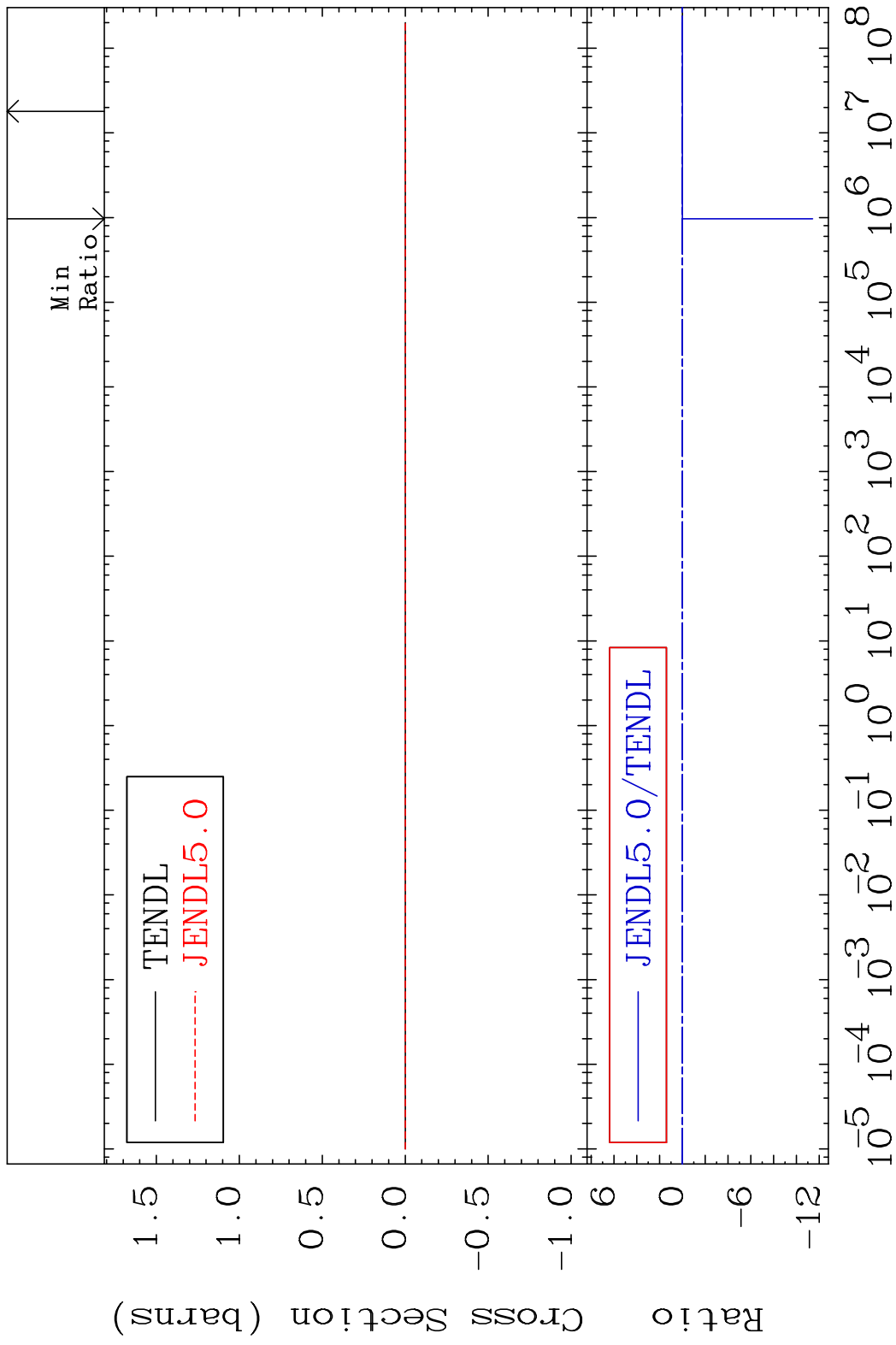
49 Incident Energy (eV) 82-Pb-202

MAT 8219

Kerma inelastic (mt51-91) 82-Pb-202
Cross Section -9999. To 573.0 %

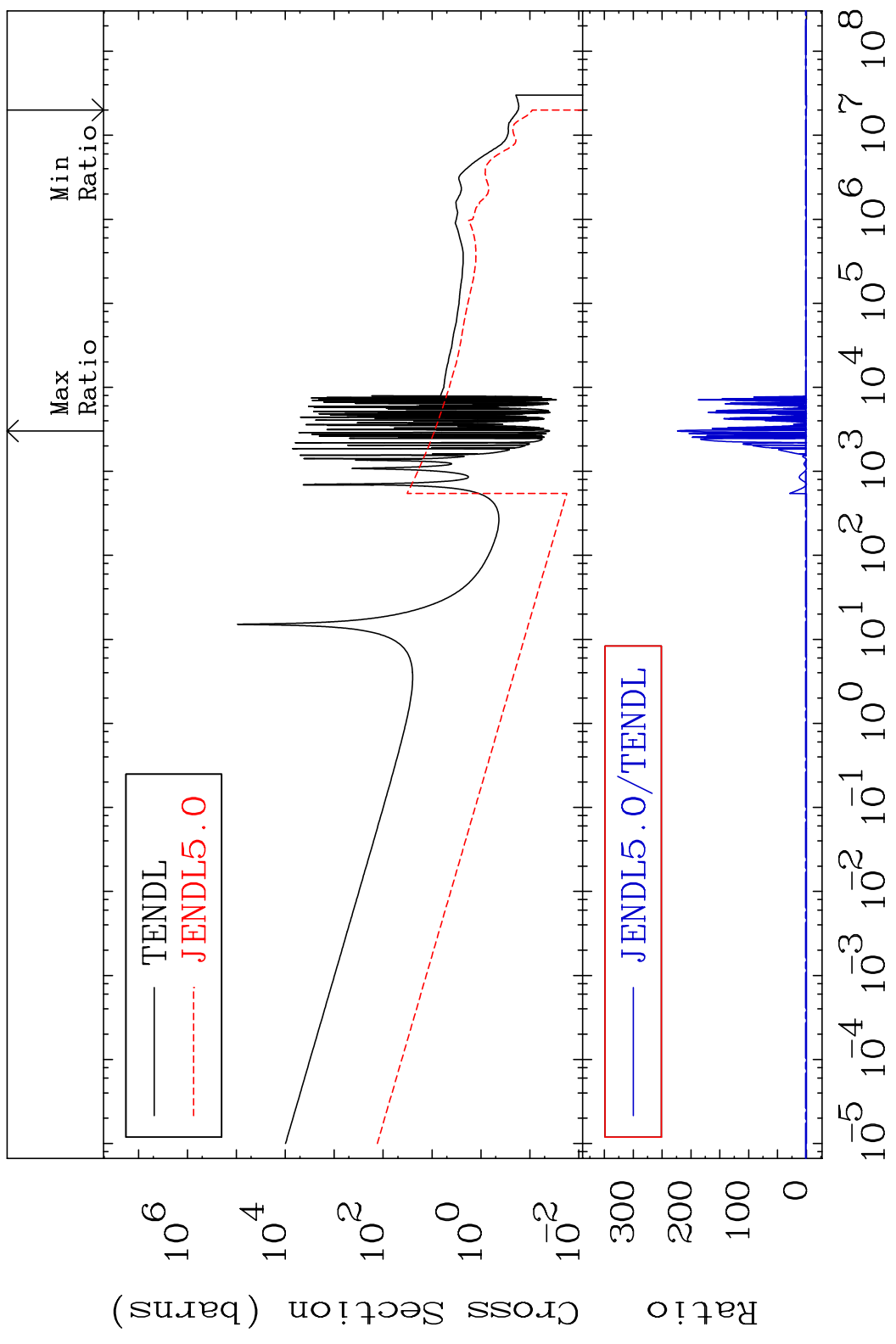


MAT 8219 Kerma fission (mt18 or mt19-20-21-38) ^{82}Pb -202
 Cross Section -9999. To 573.0 %



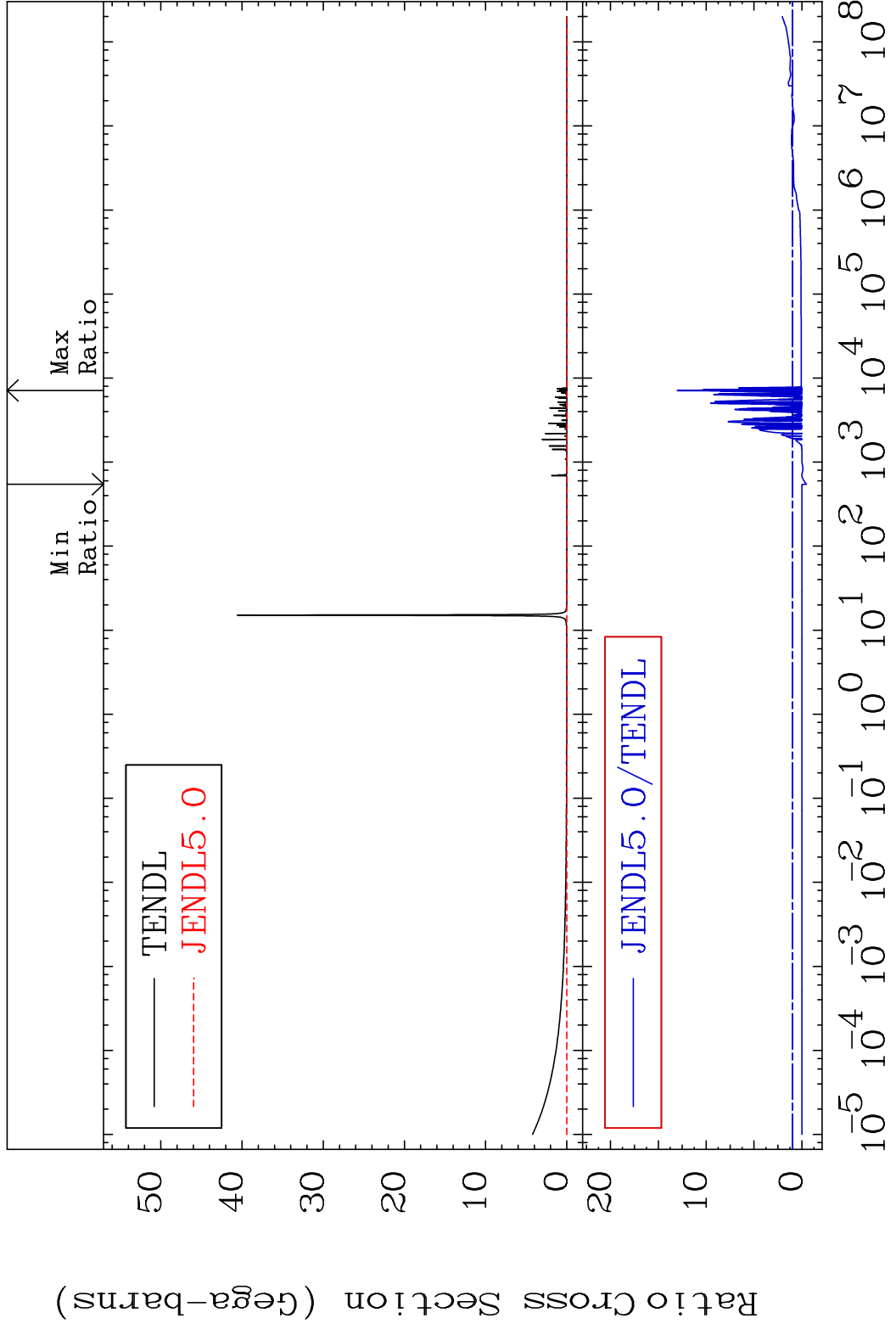
MAT 8219

Kerma capture (mt102) 82-Pb-202
Cross Section -100.0 To 9999. %



MAT 8219

Total photon (eV-barns) 82-Pb-202
Cross Section -147.2 To 1203. %

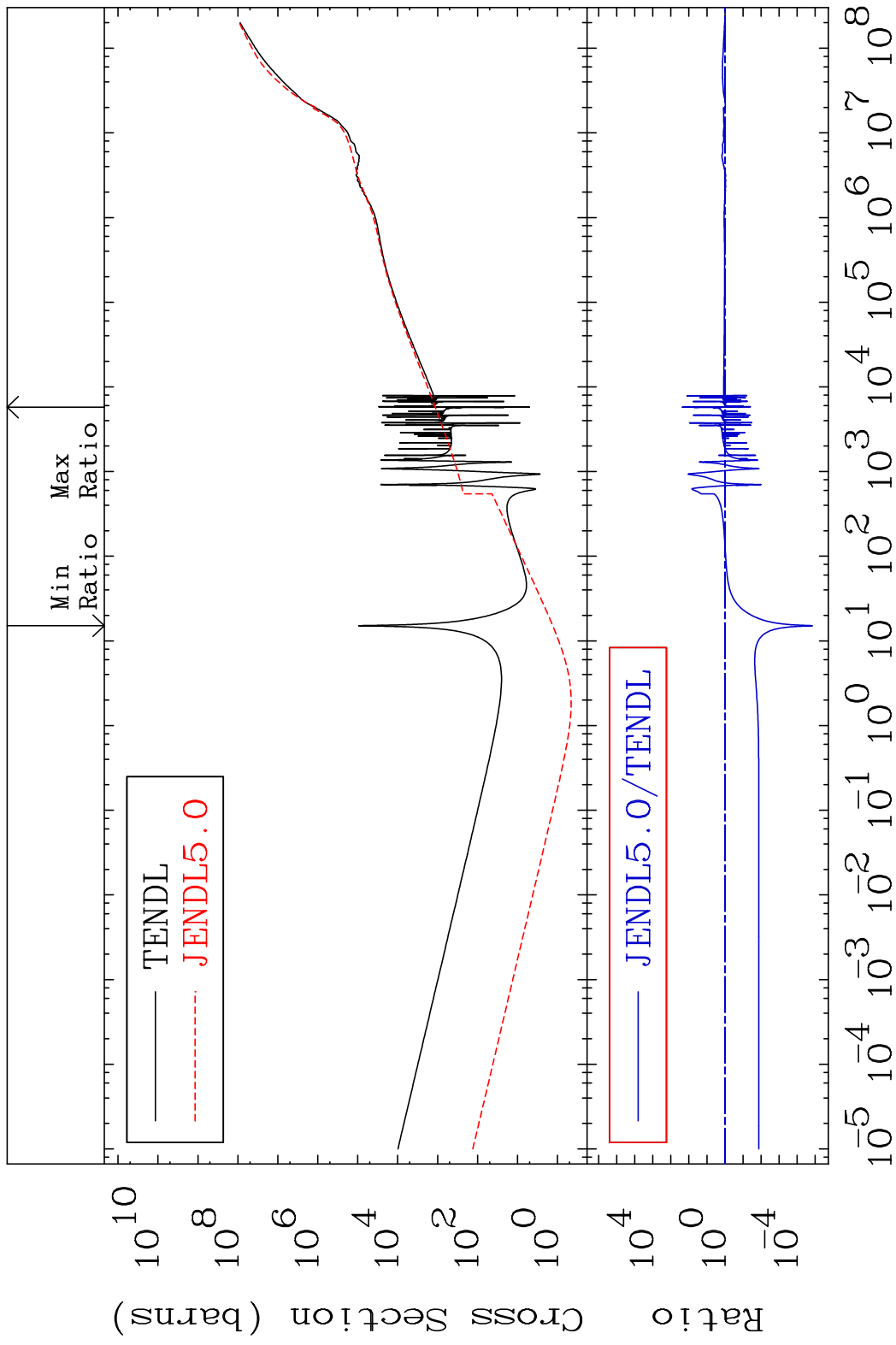


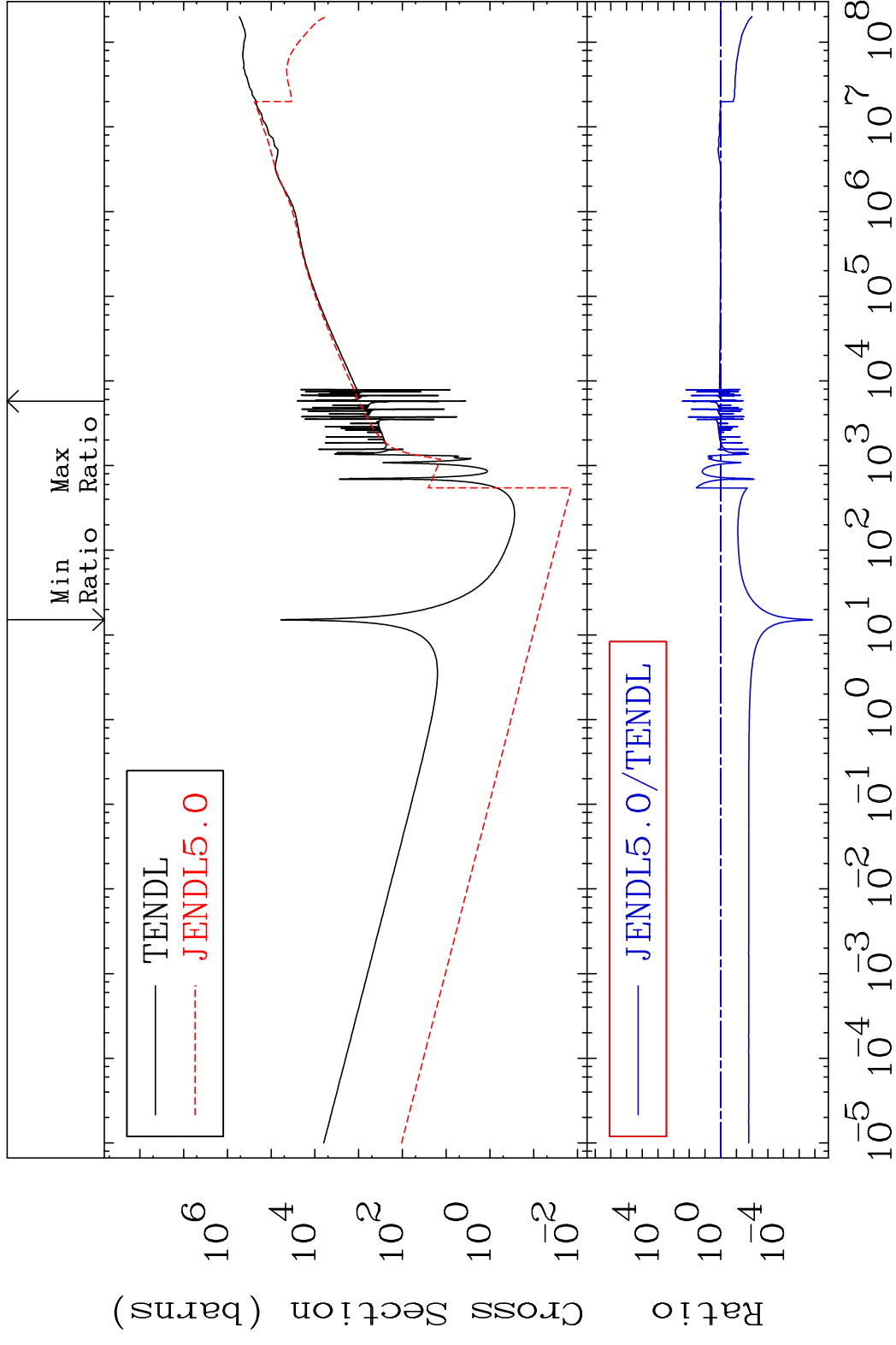
53

Incident Energy (eV)

82-Pb-202

MAT 8219 Total kinematic kerma (high limit) 82-Pb-202
 Cross Section -100.0 To 9999. %



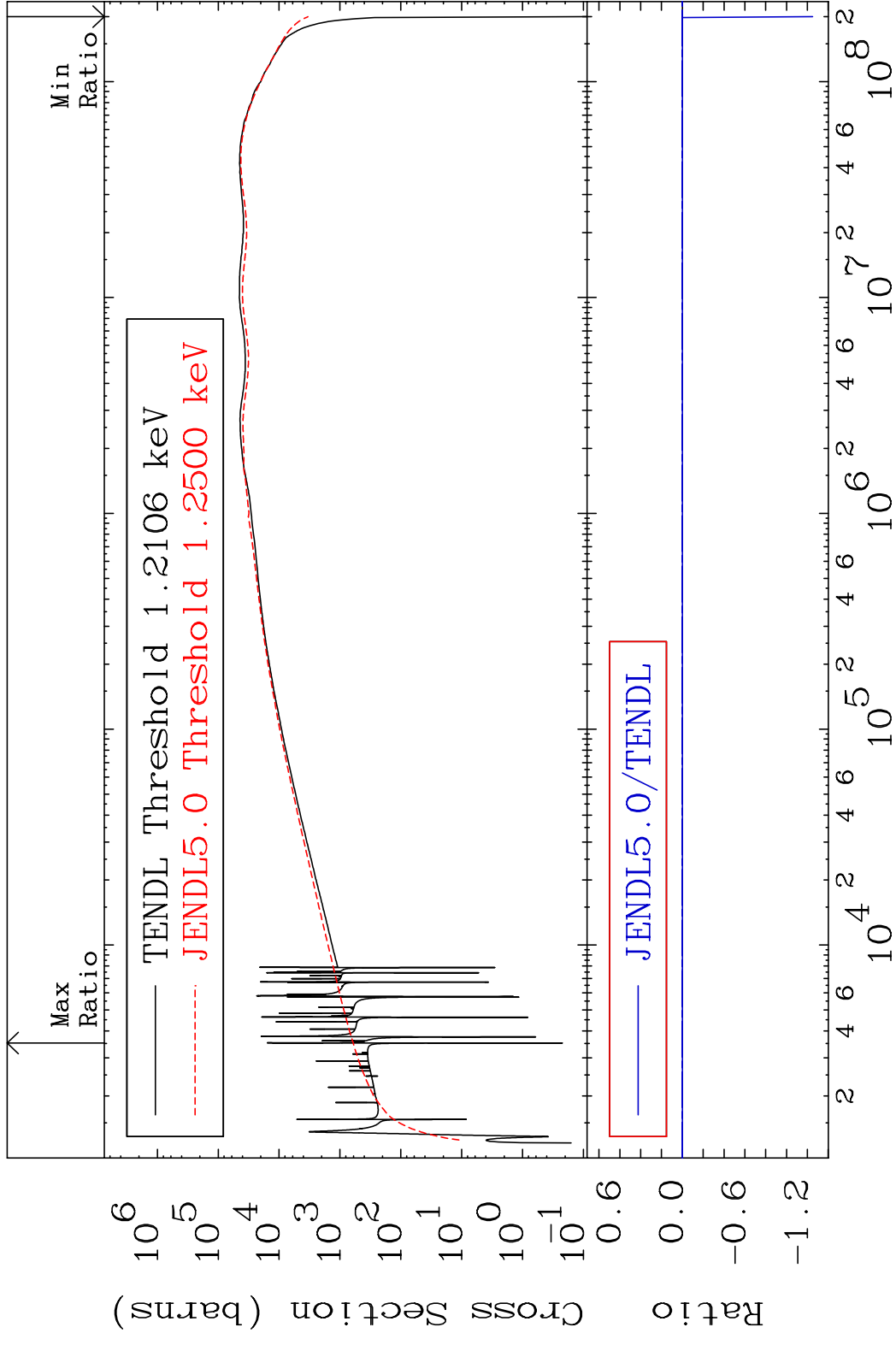


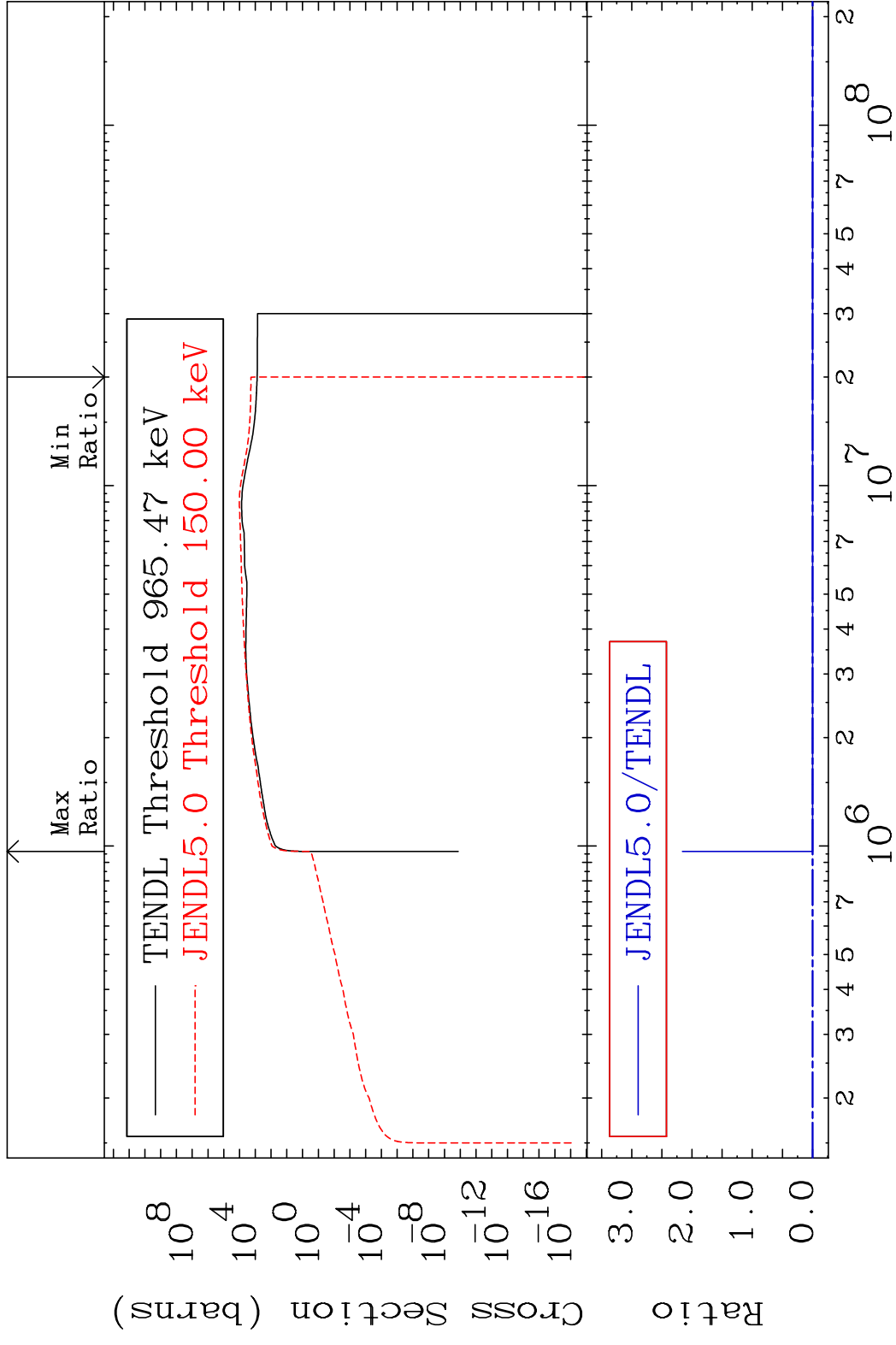
MAT 8219

Dpa elastic (mt2)

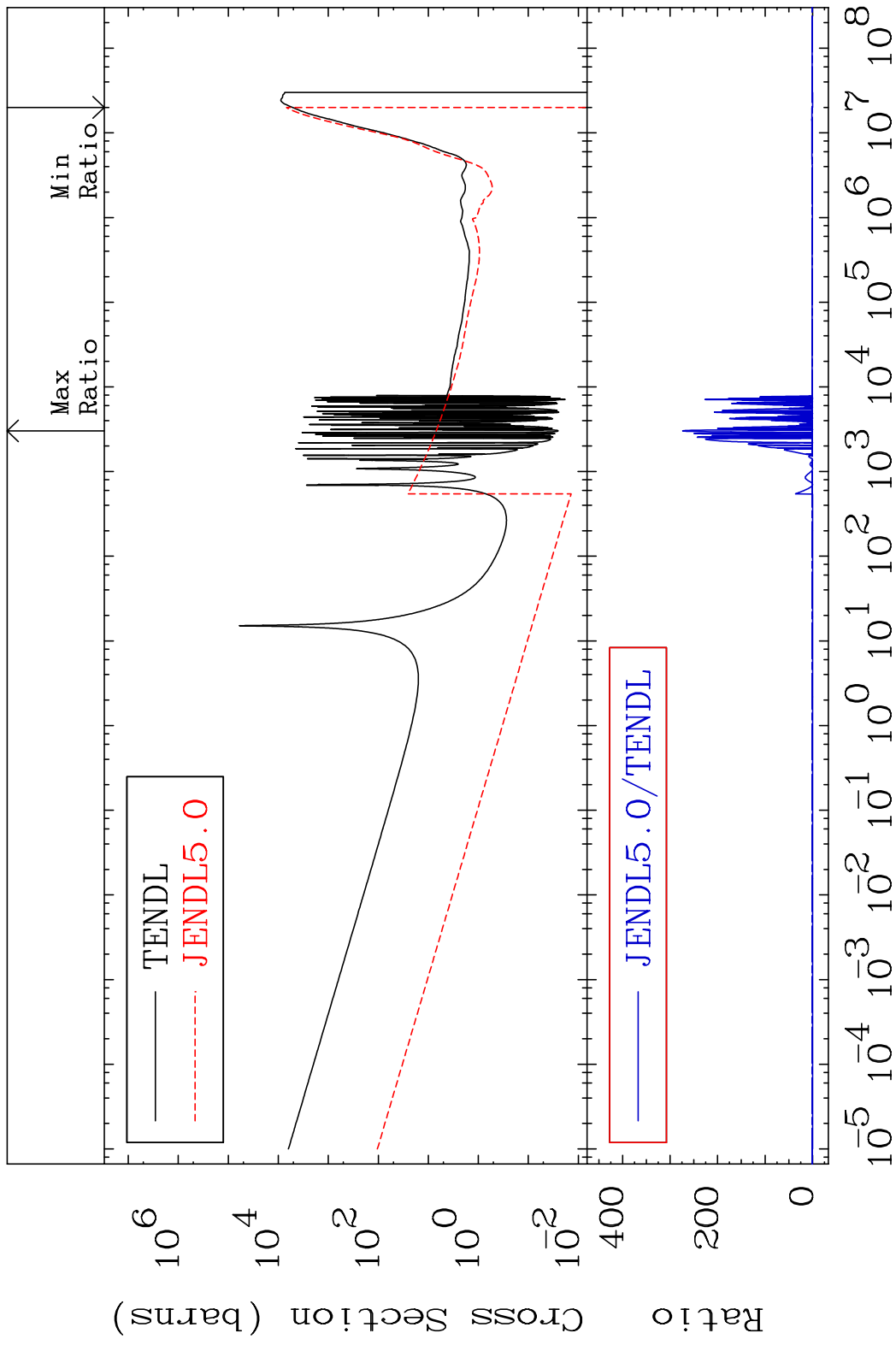
82-Pb-202

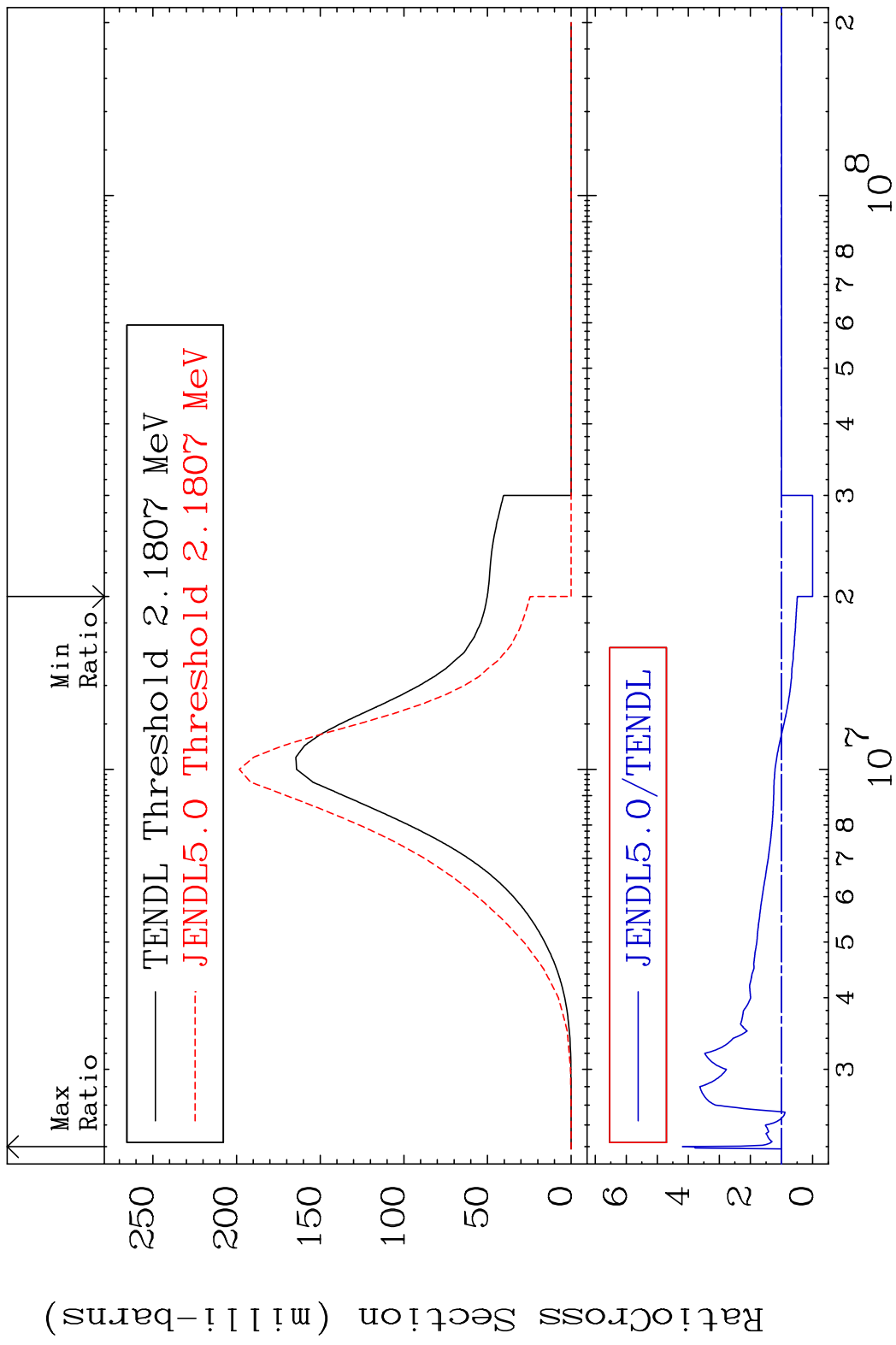
Cross Section -9999. To 9999. %



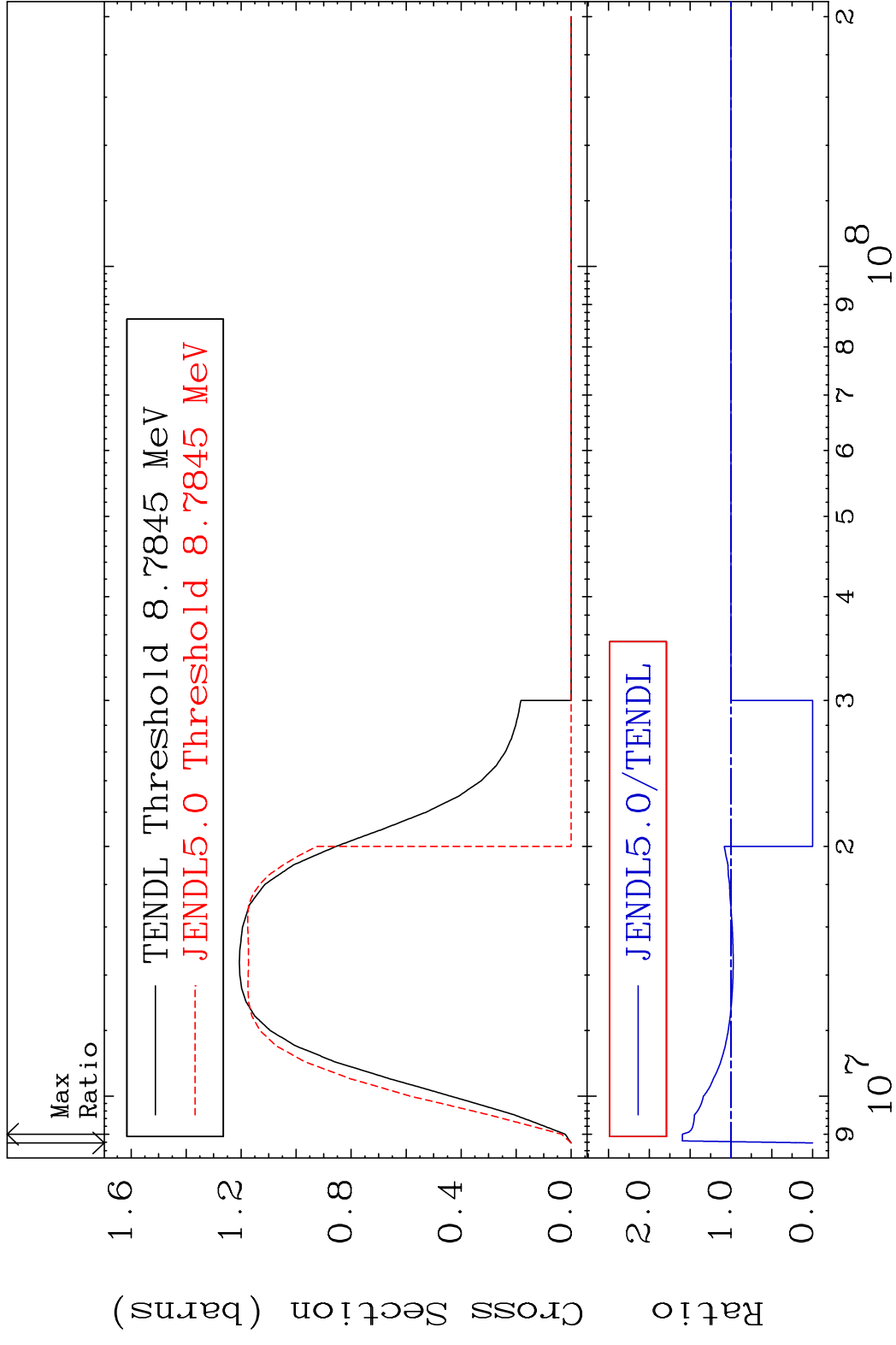


MAT 8219 Dpa disappearance (mt102 -120) 82-Pb-202
 Cross Section -100.0 To 9999. %





MAT 8219 (n,2n):82-Pb-201g 82-Pb-202
 Radionuclide Production Cross Section 180.01 dth 59.58 %



60 Incident Energy (eV) 82-Pb-202

MAT 8219 (n,2n):82-Pb-201m4 82-Pb-202
 Radionuclide Production Cross Section 180.01 dth 651.8 %

