

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

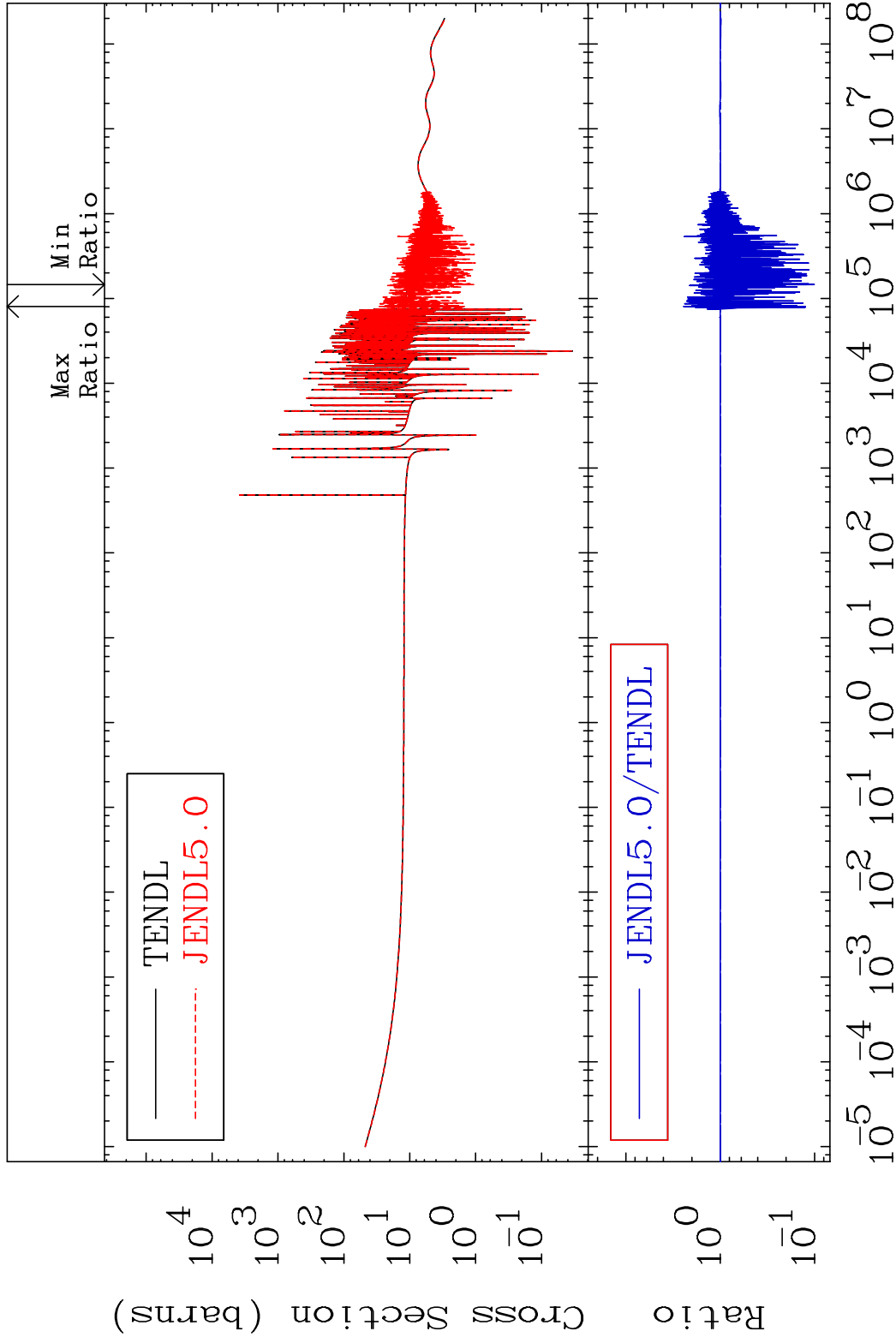
MAT 8225

Total

82-Pb-204

Cross Section

-89.89 To 144.3 %



1

Incident Energy (eV)

82-Pb-204

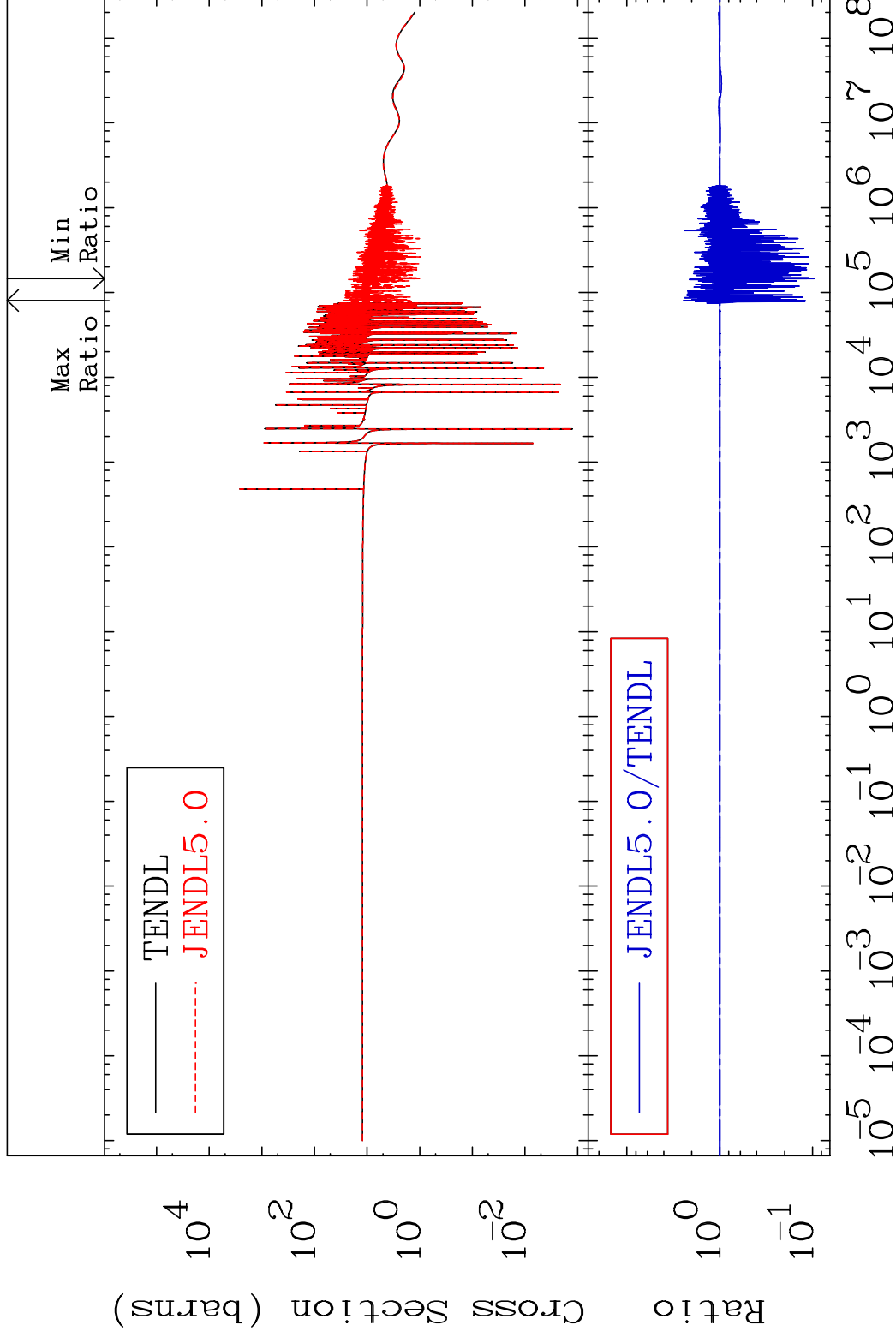
MAT 8225

Elastic

82-Pb-204

Cross Section

-90.37 To 144.4 %



2

Incident Energy (eV)

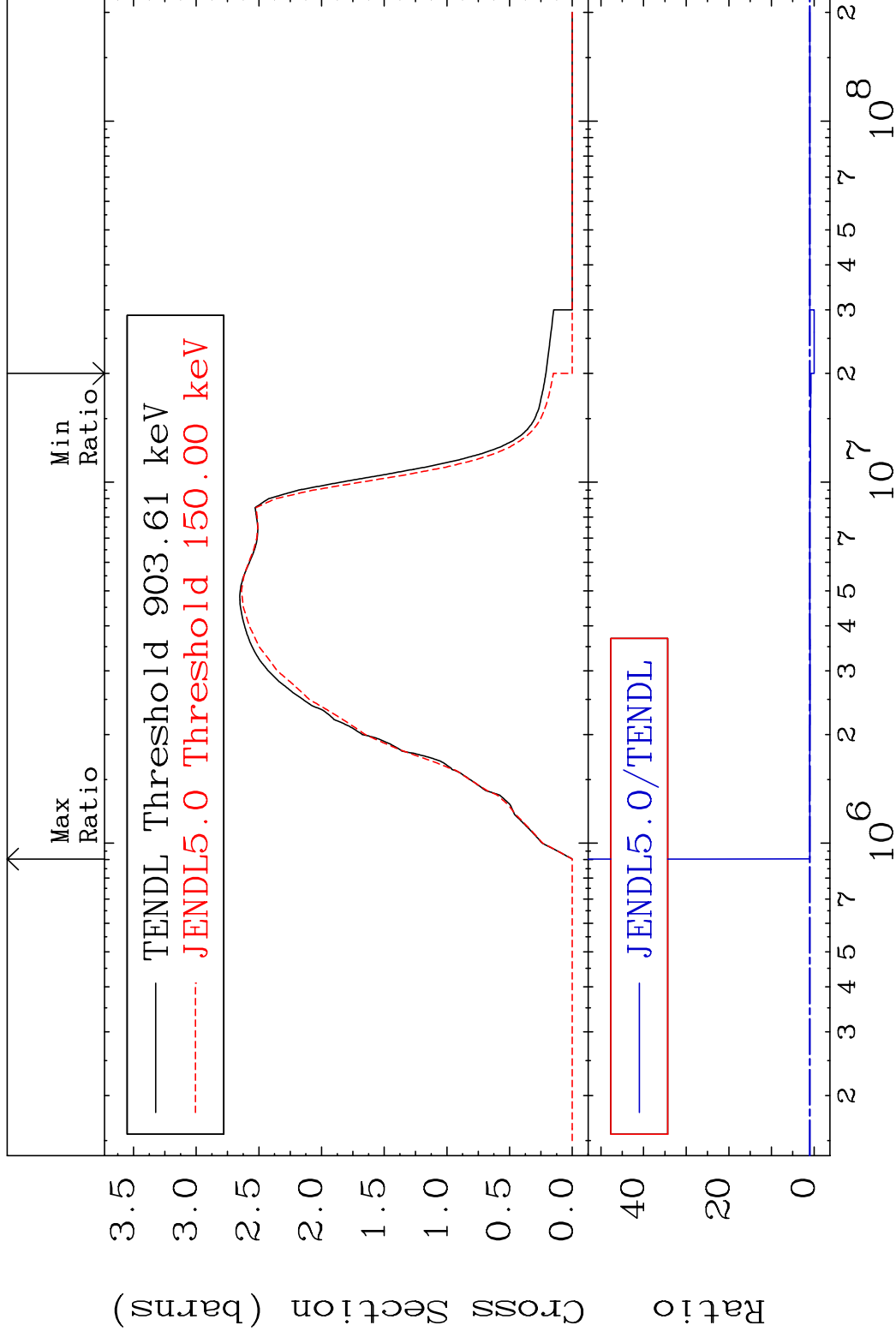
82-Pb-204

MAT 8225

Inelastic

82-Pb-204

Cross Section -100.0 To 2959. %



3

Incident Energy (eV)

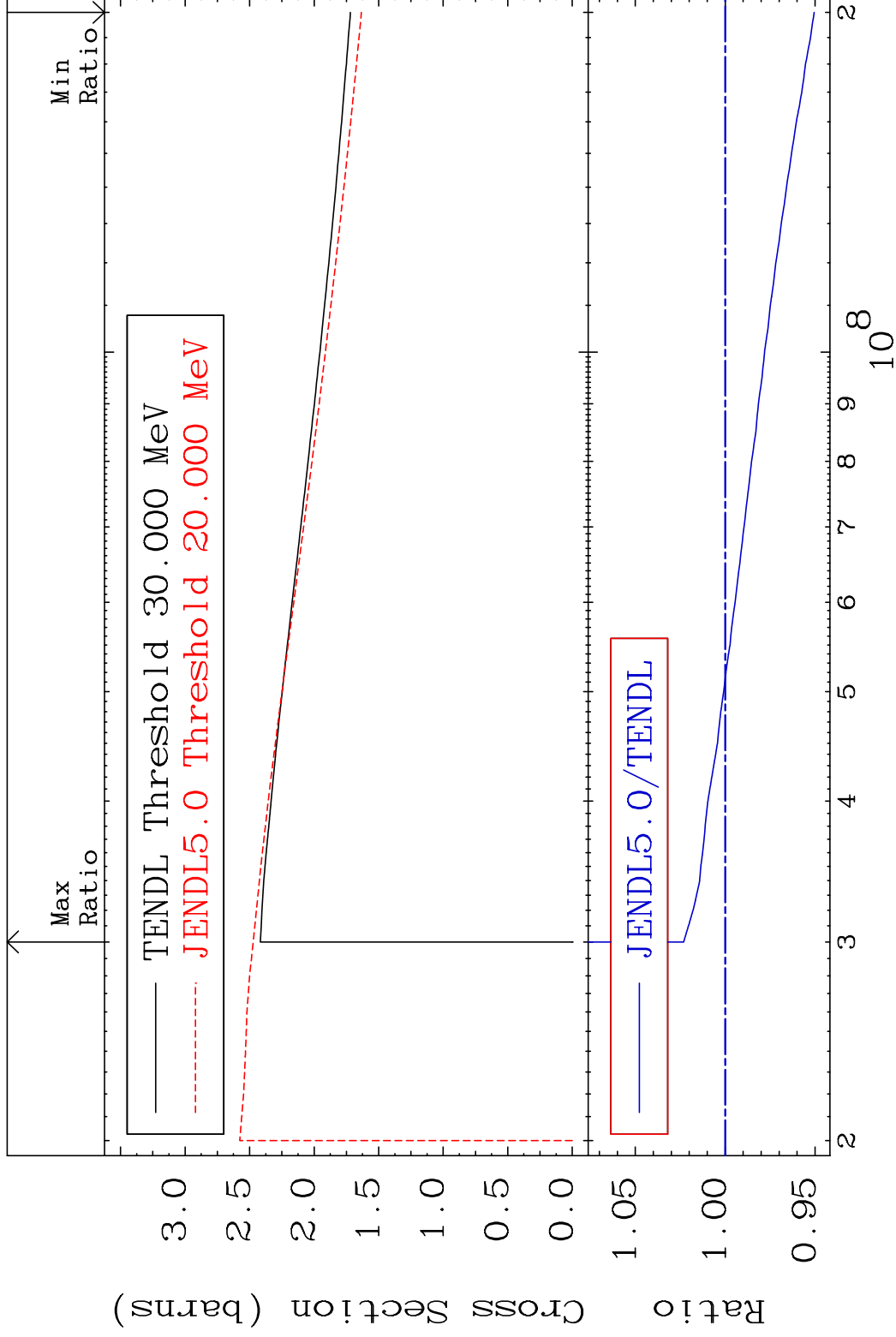
82-Pb-204

MAT 8225

(n, remainder)

82-Pb-204

Cross Section -4.945 To 2.311 %



4

Incident Energy (eV)

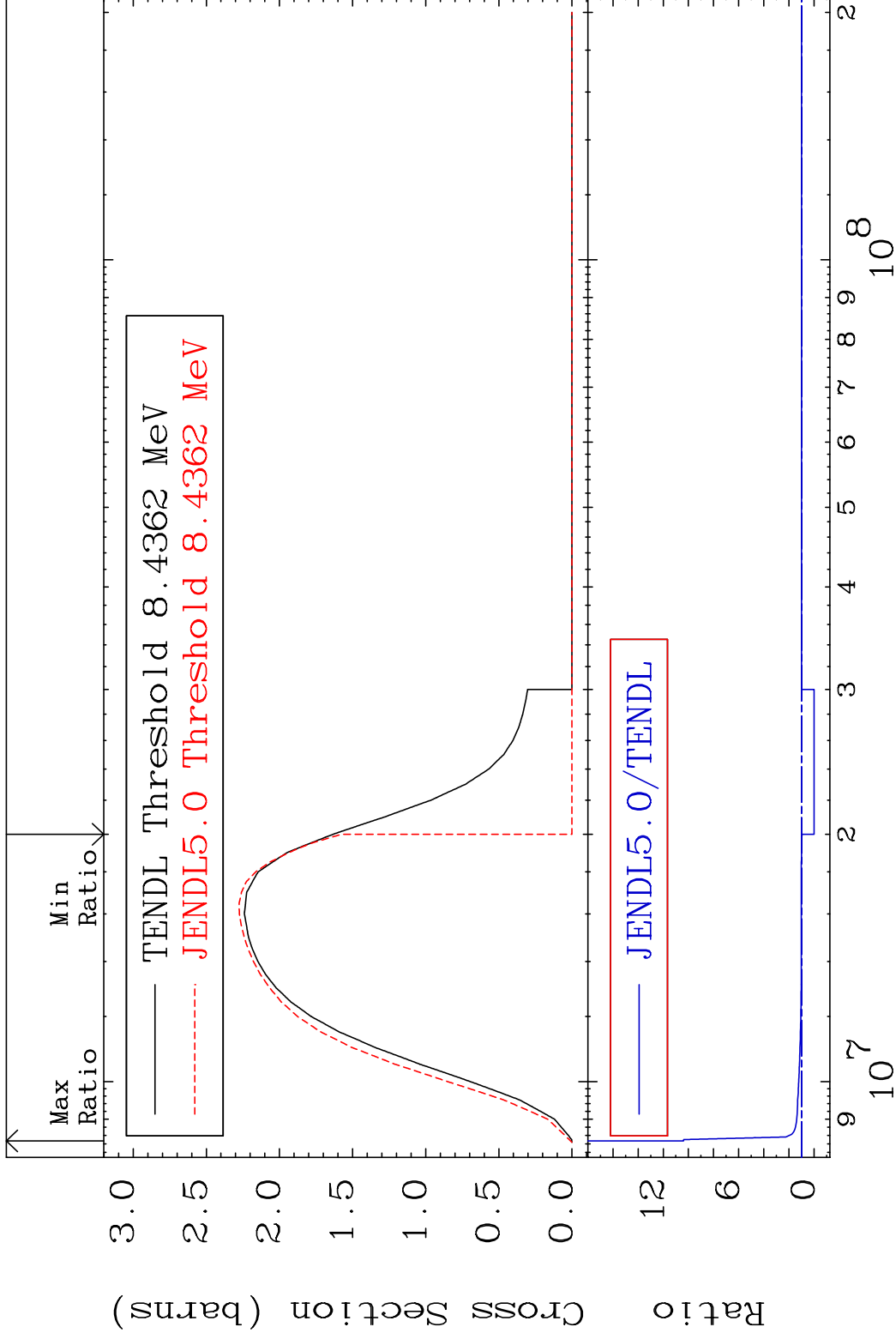
82-Pb-204

MAT 8225

(n,2n)

82-Pb-204

Cross Section -100.0 To 939.3 %

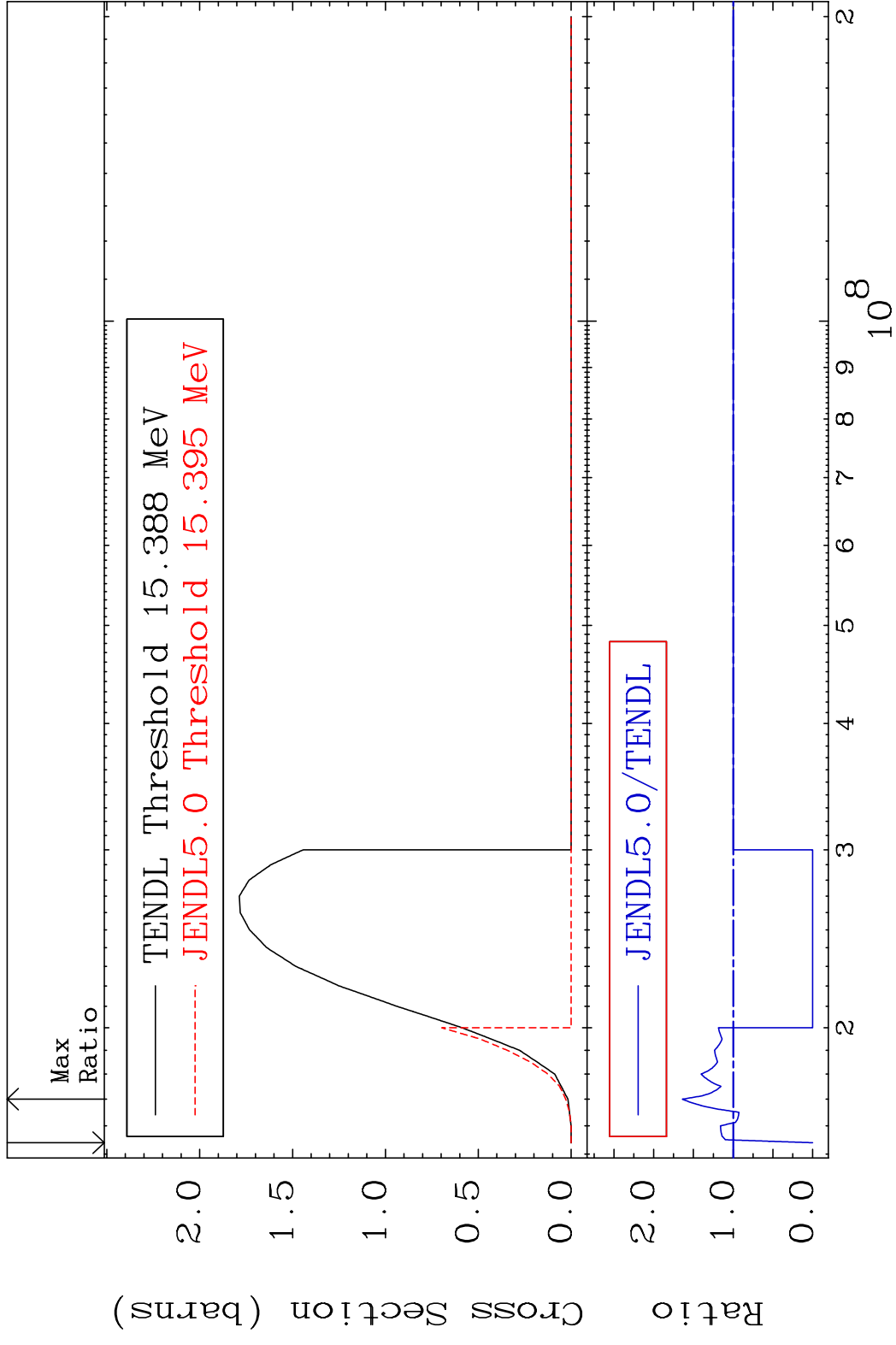


5

Incident Energy (eV)

82-Pb-204

MAT 8225 (n,3n) 82-Pb-204  
 Cross Section -100.0 To 63.97 %

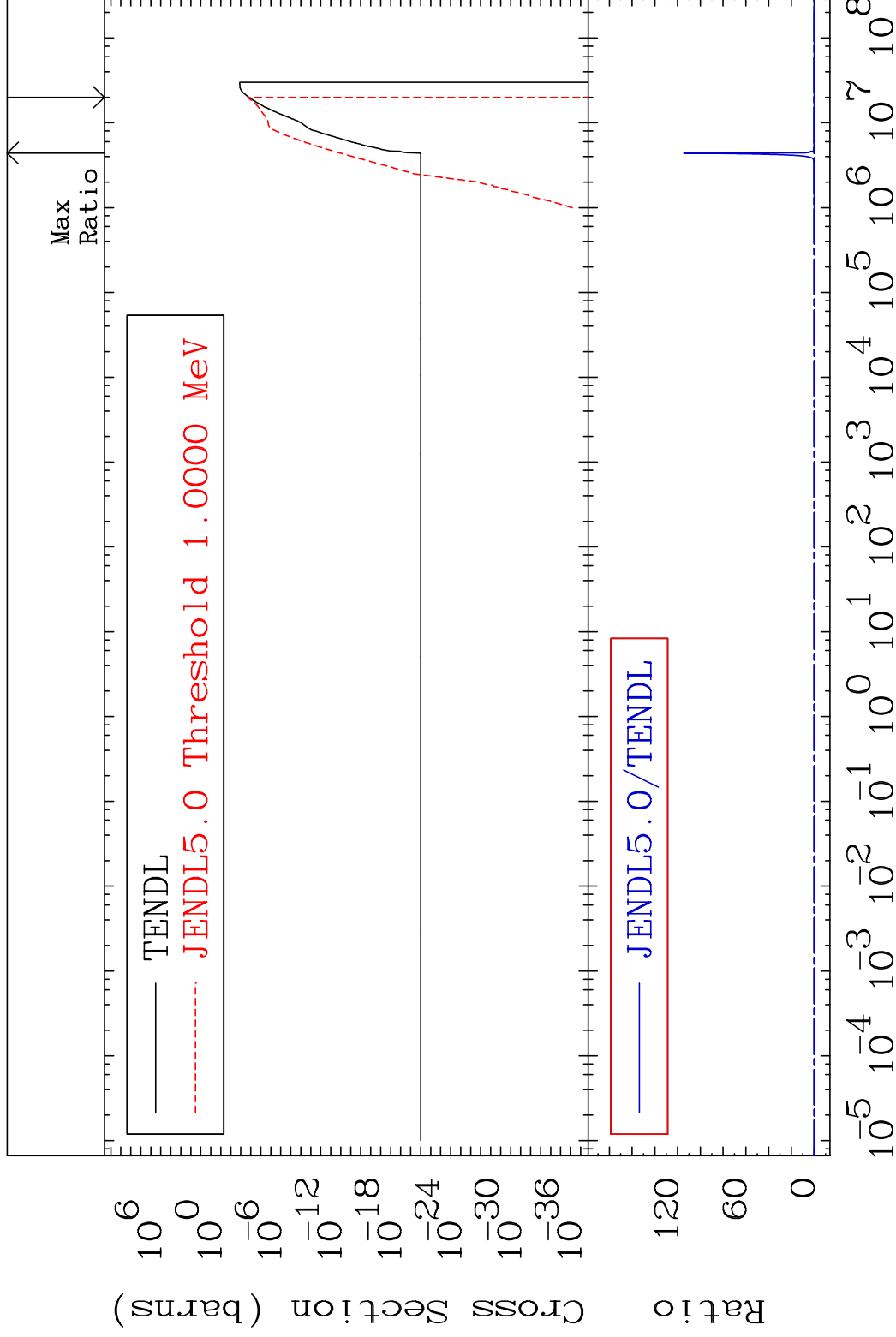


MAT 8225

(n, n')  $\alpha$

82-Pb-204

Cross Section -100.0 To 9999. %

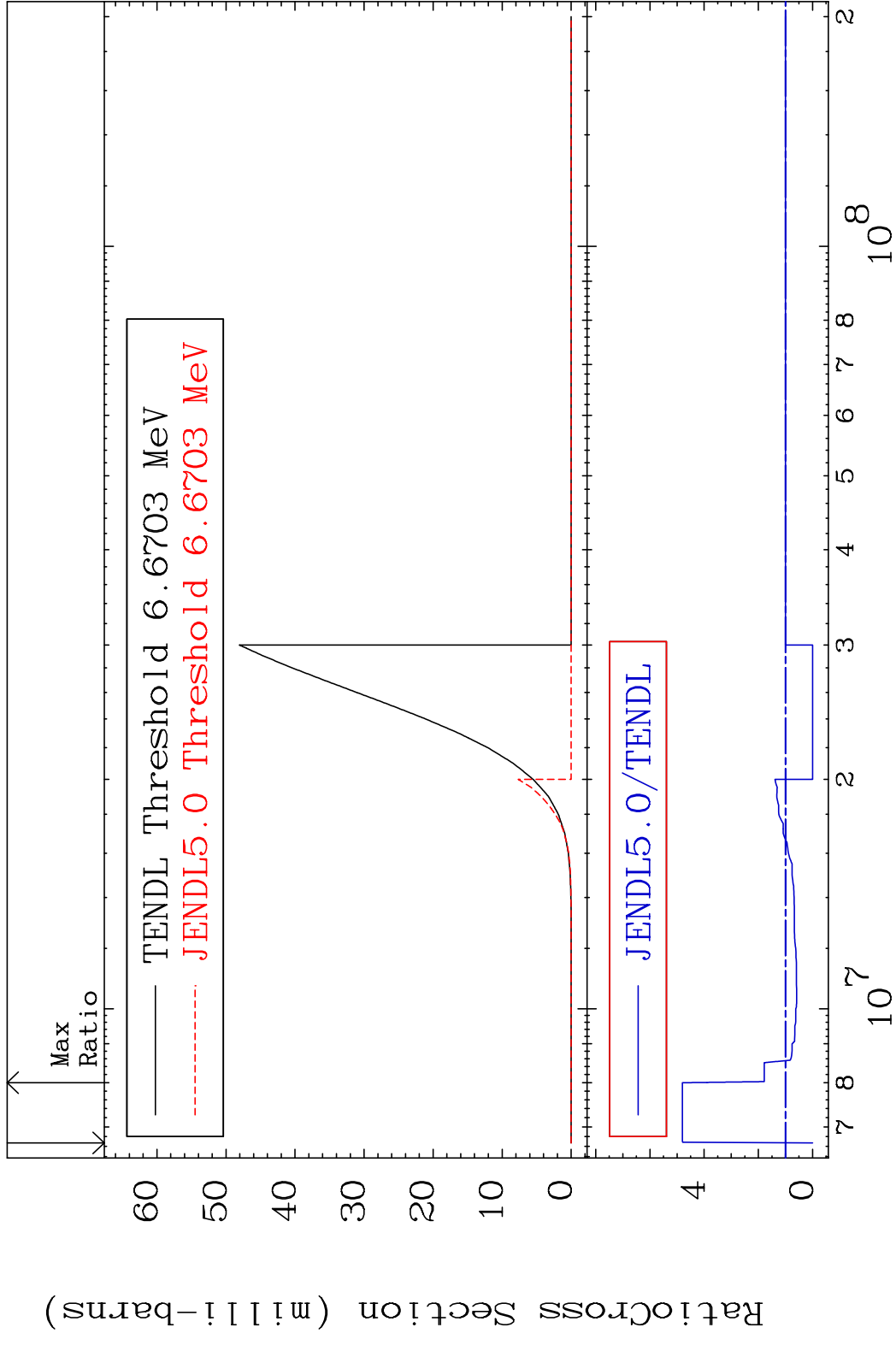


7

Incident Energy (eV)

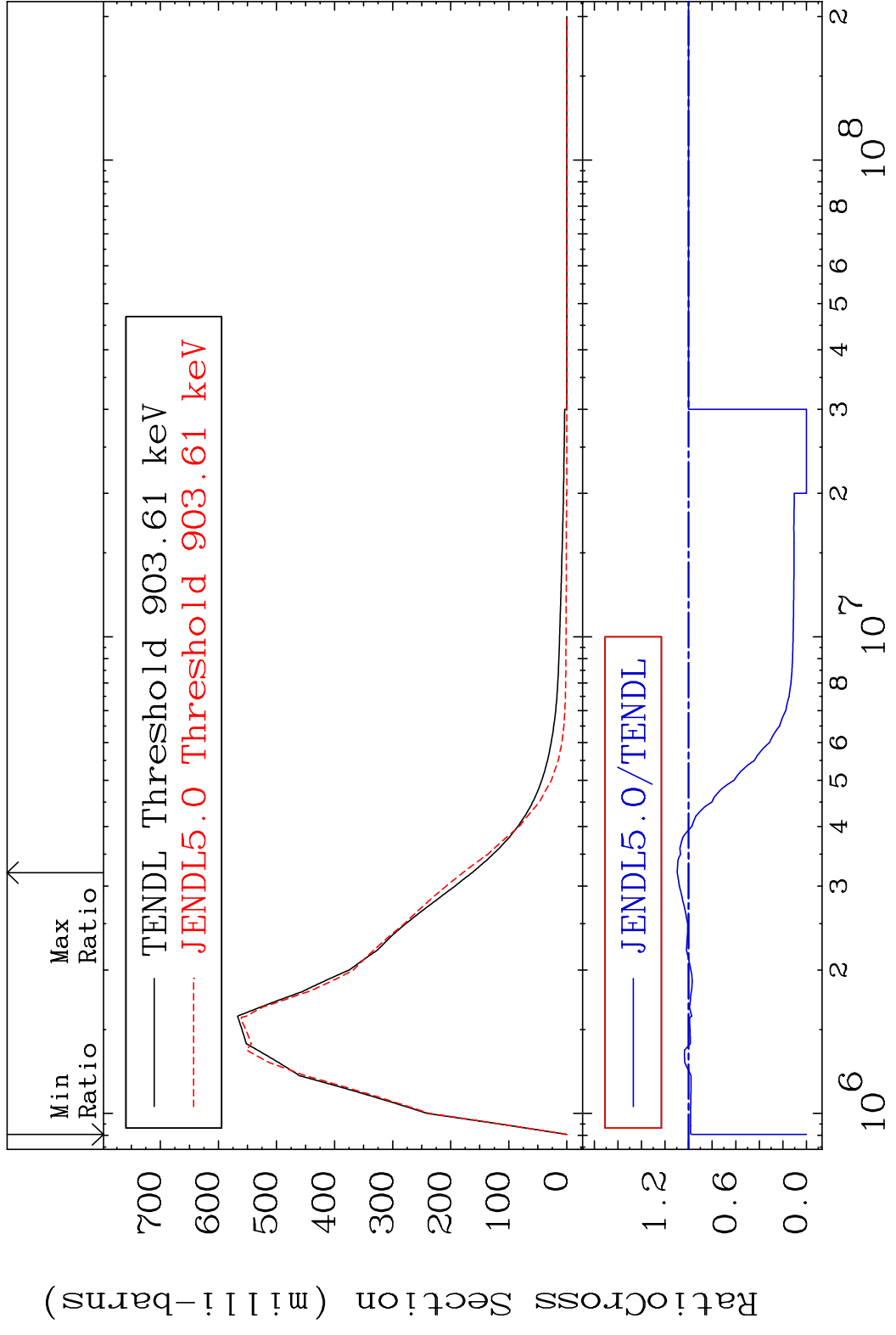
82-Pb-204

MAT 8225 (n, n') p 82-Pb-204  
 Cross Section -100.0 To 380.4 %



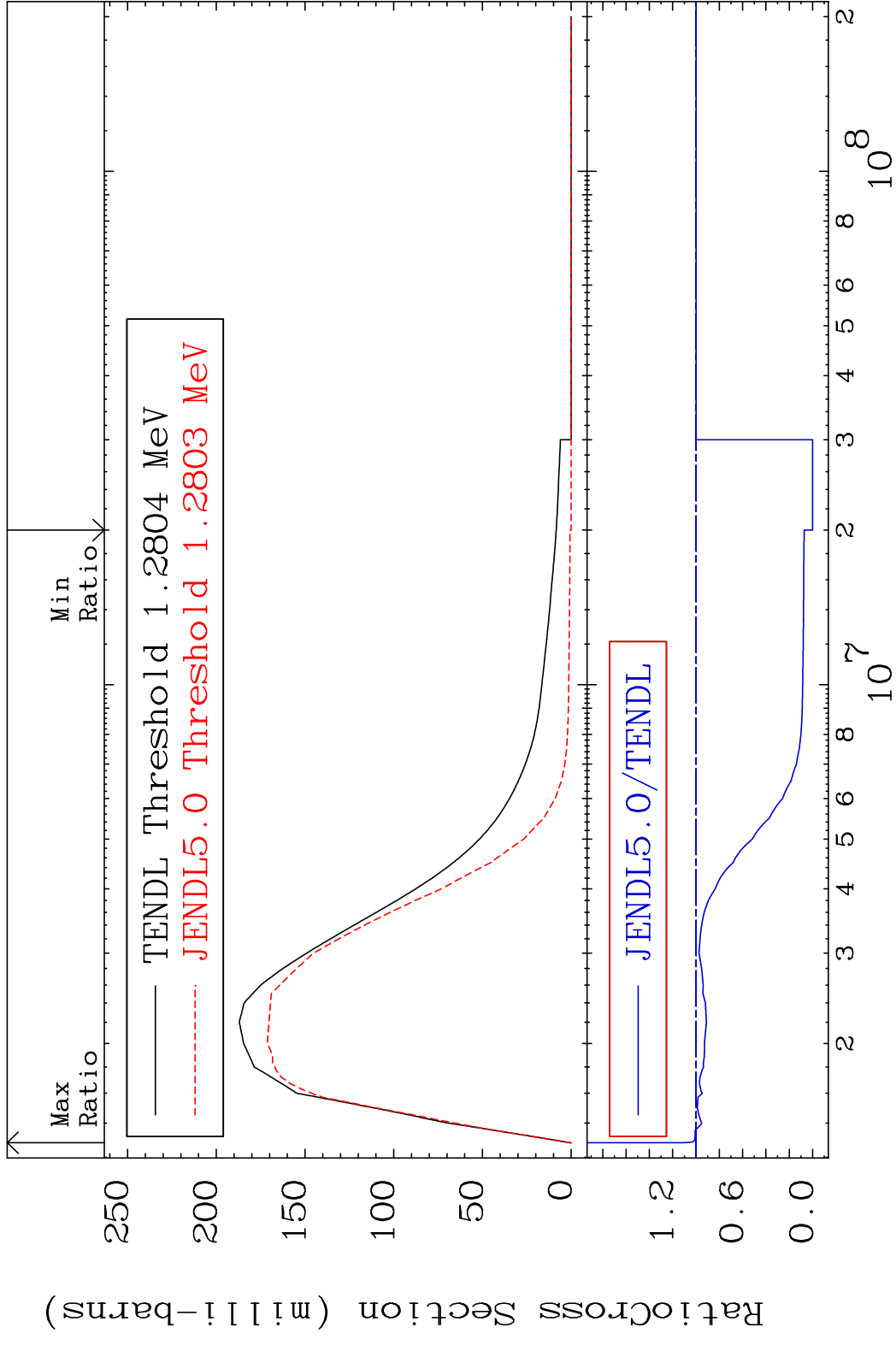
8 8 82-Pb-204

MAT 8225 MT= 51 (n,n') Level 82-Pb-204  
 Cross Section -100.0 To 9.709 %

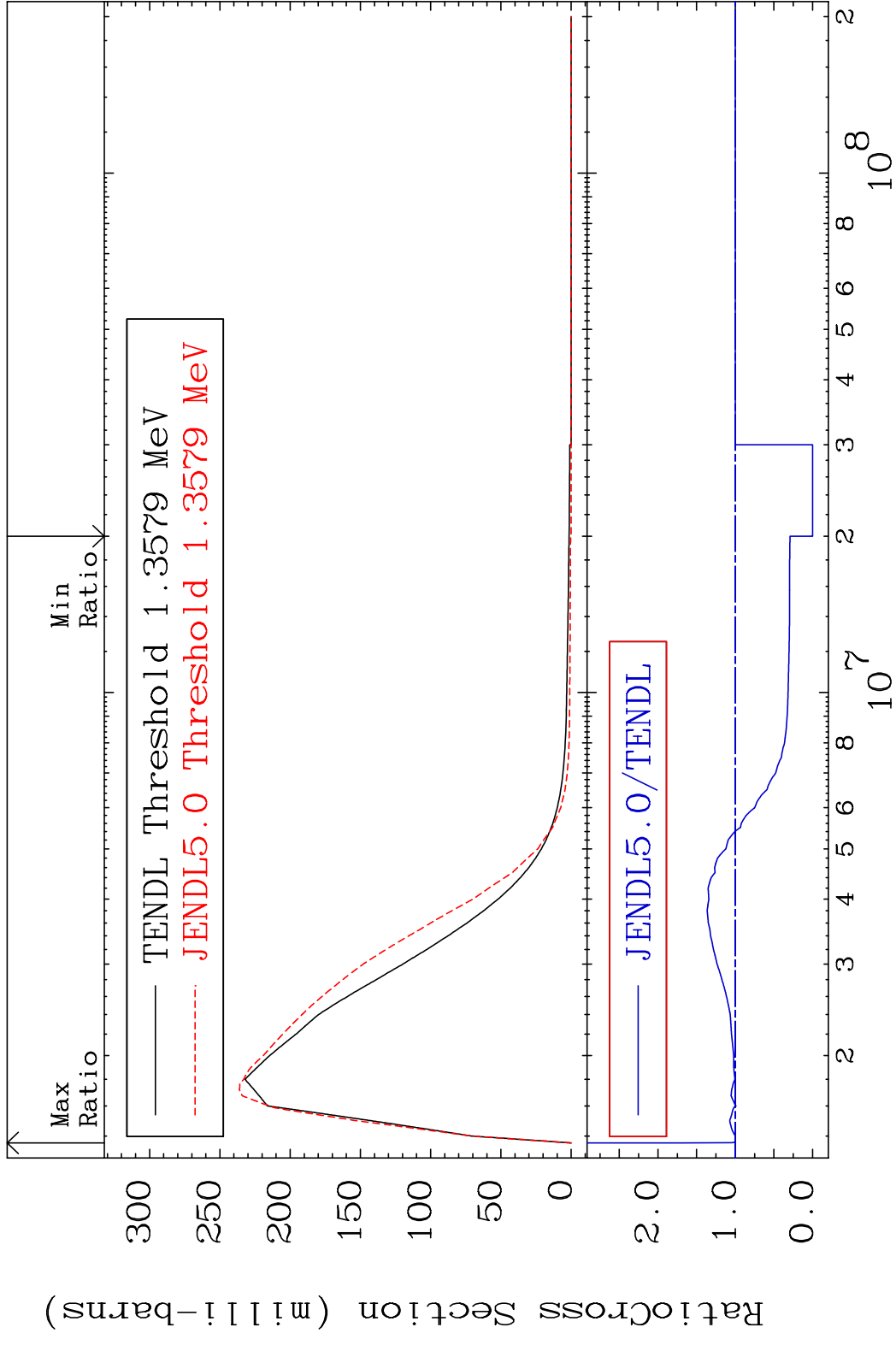


9 Incident Energy (eV) 82-Pb-204

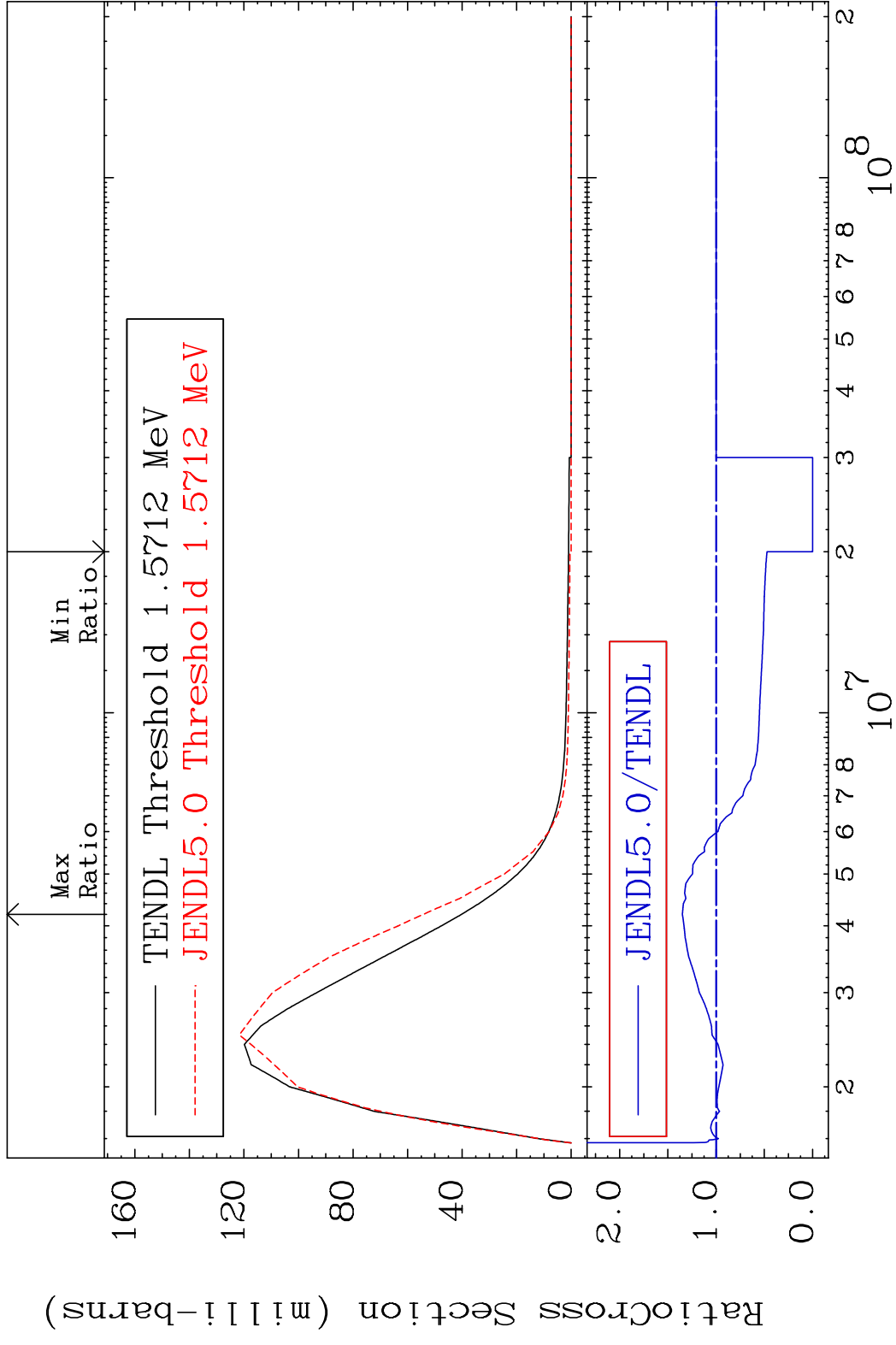
MAT 8225 MT= 52 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 11.70 %



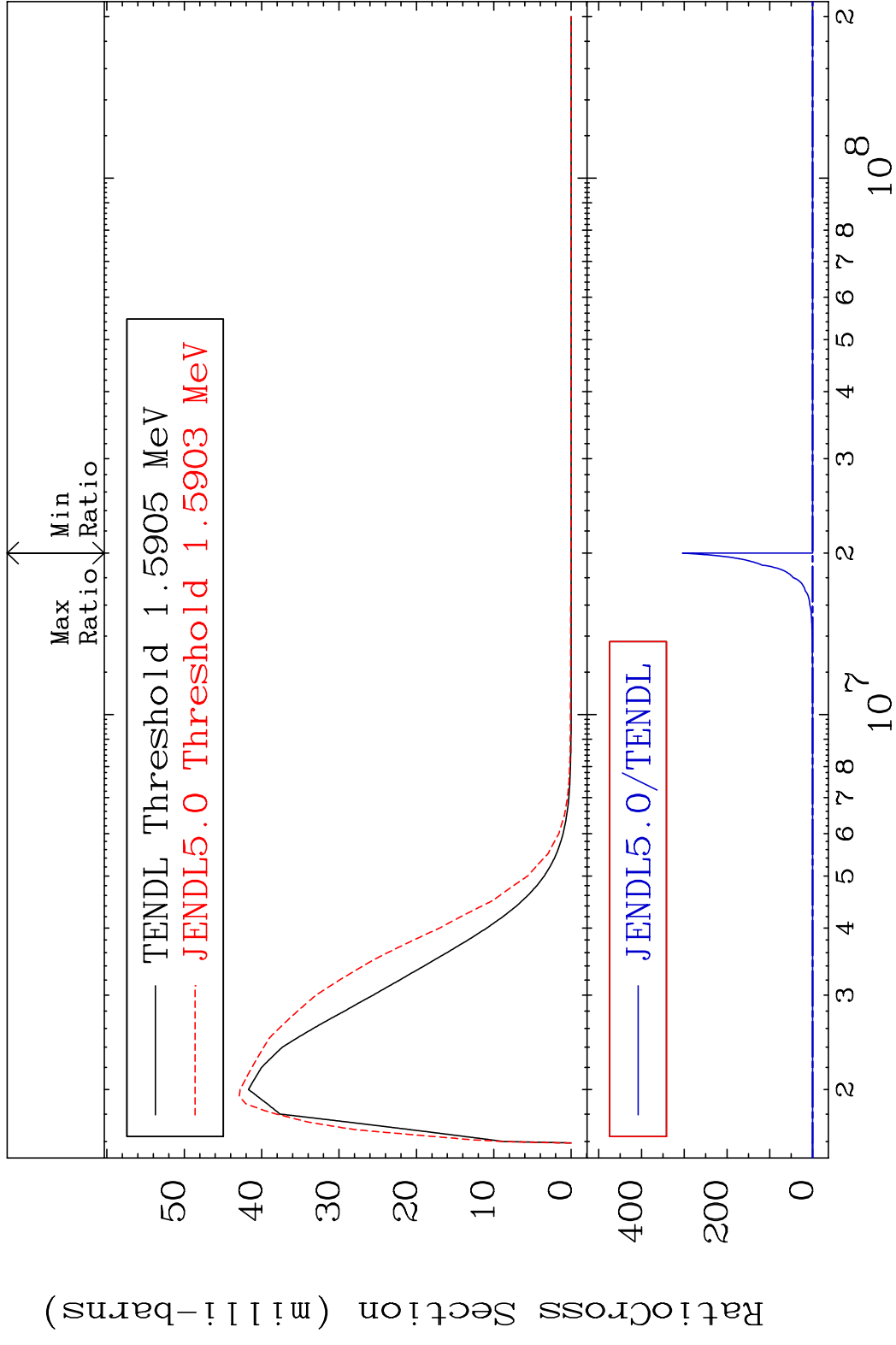
MAT 8225 MT= 53 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 68.44 %



MAT 8225 MT= 54 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 35.01 %

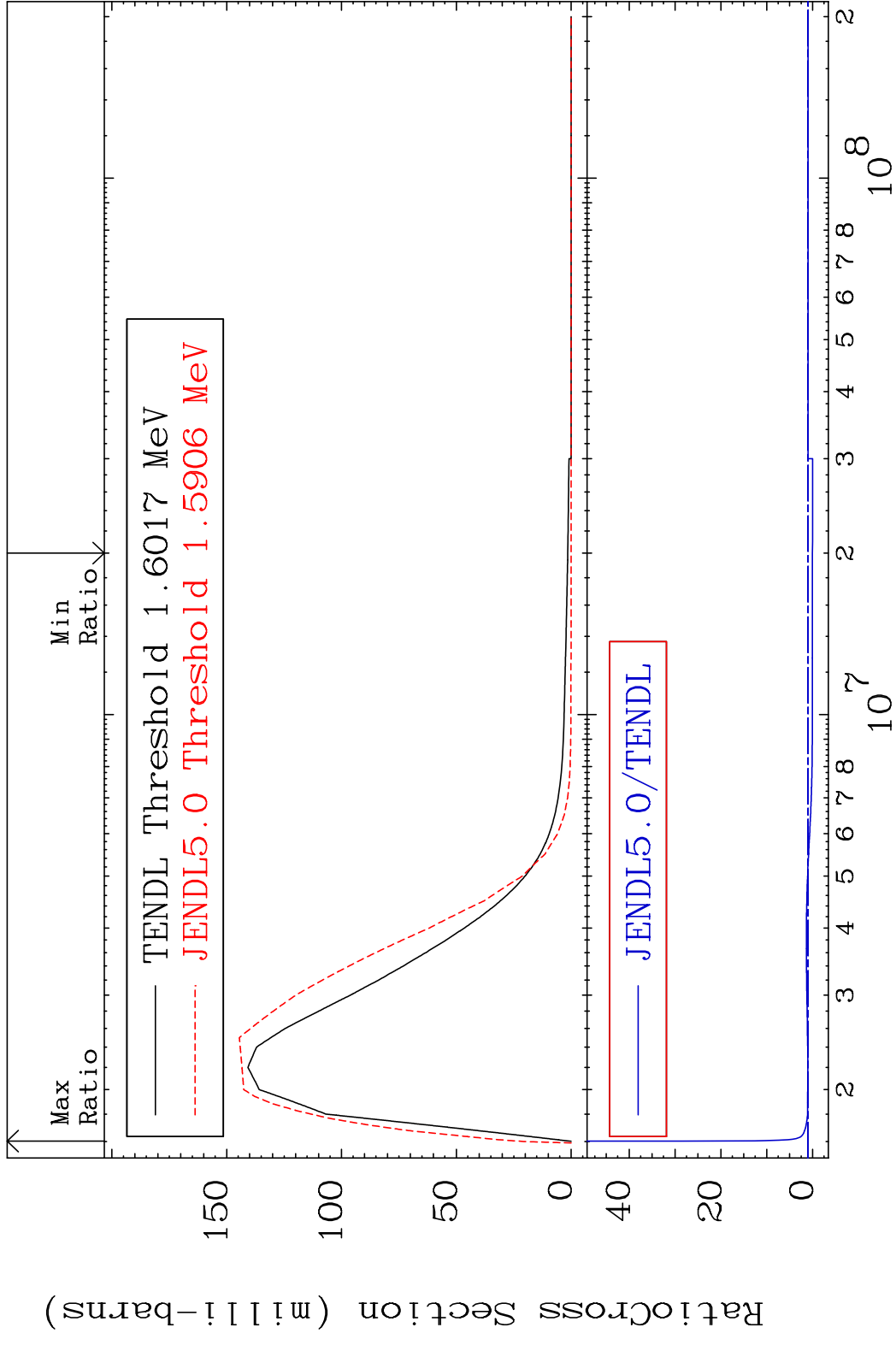


MAT 8225 MT= 55 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 9999. %

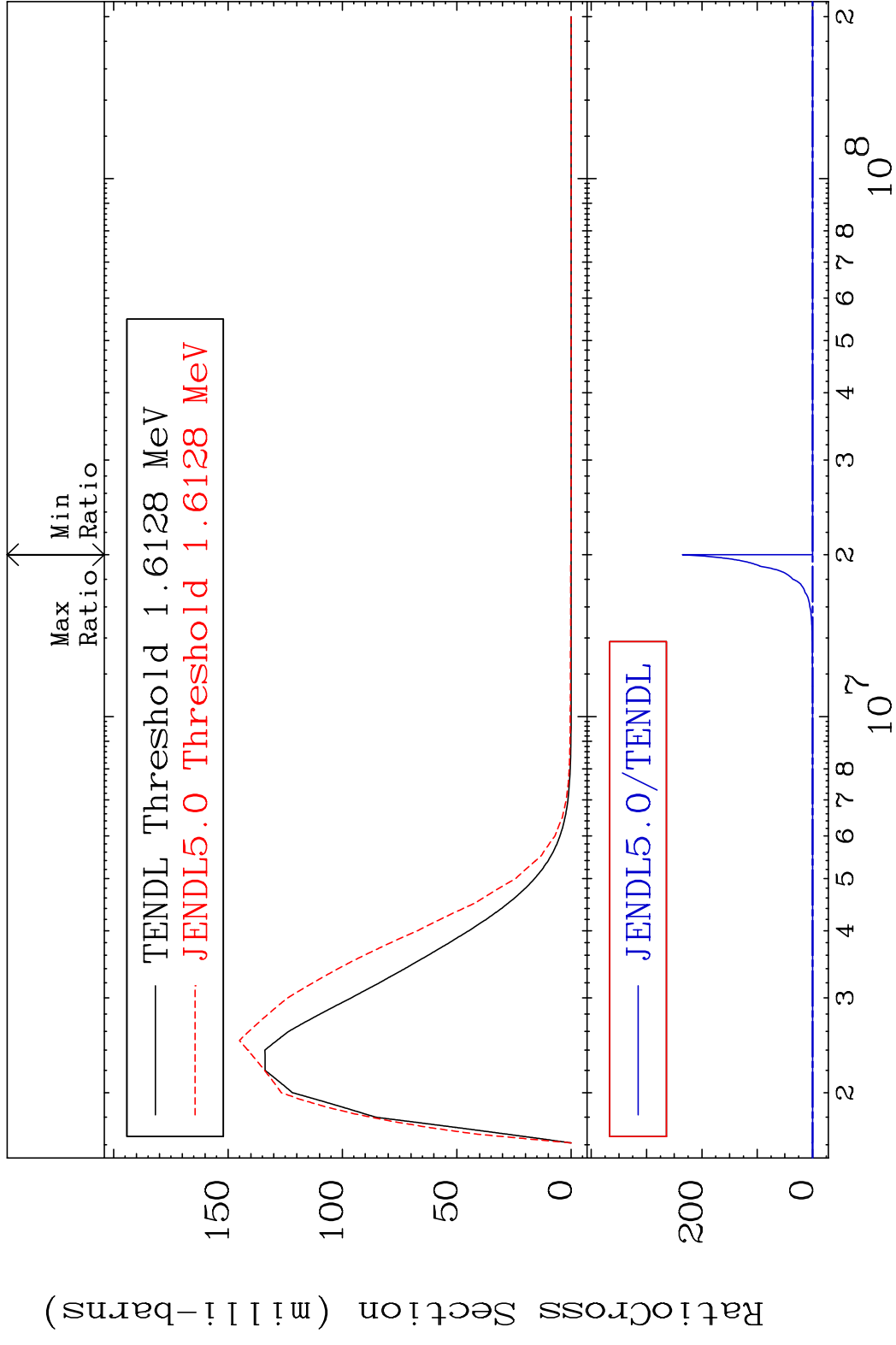


13 Incident Energy (eV) 82-Pb-204

MAT 8225 MT= 56 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 2740. %

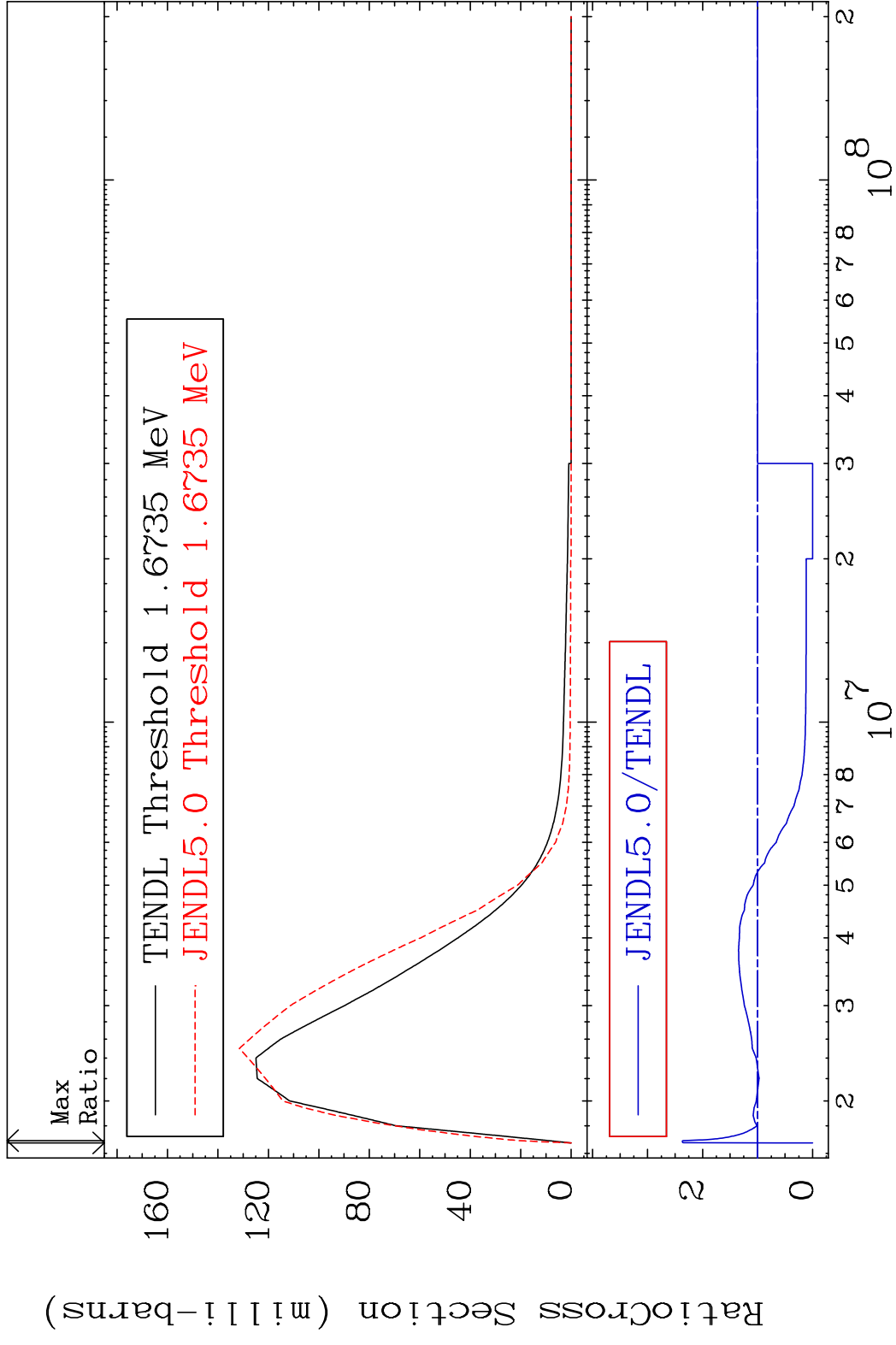


MAT 8225 MT= 57 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 9999. %



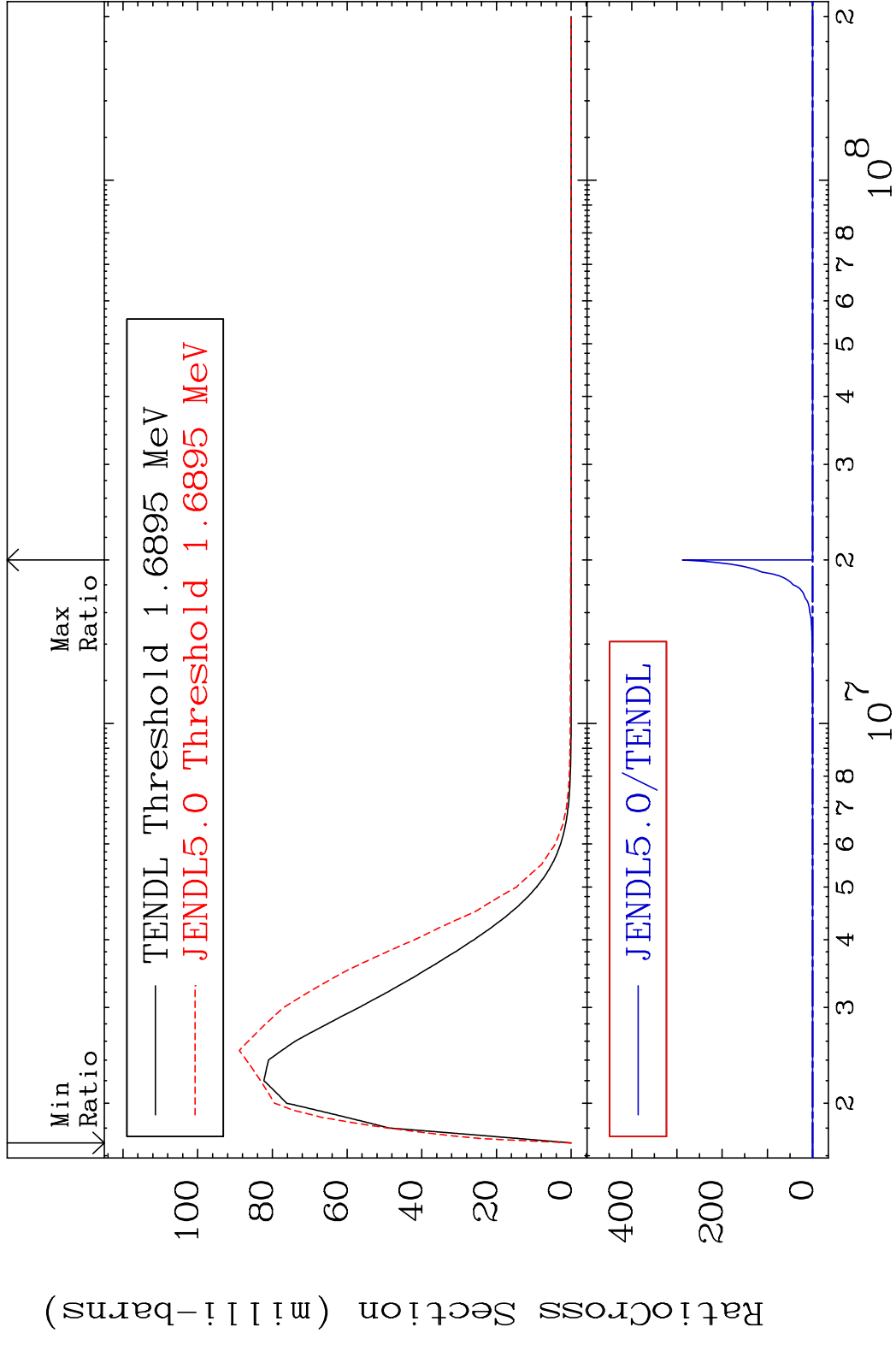
15 82-Pb-204

MAT 8225 MT= 58 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 136.8 %

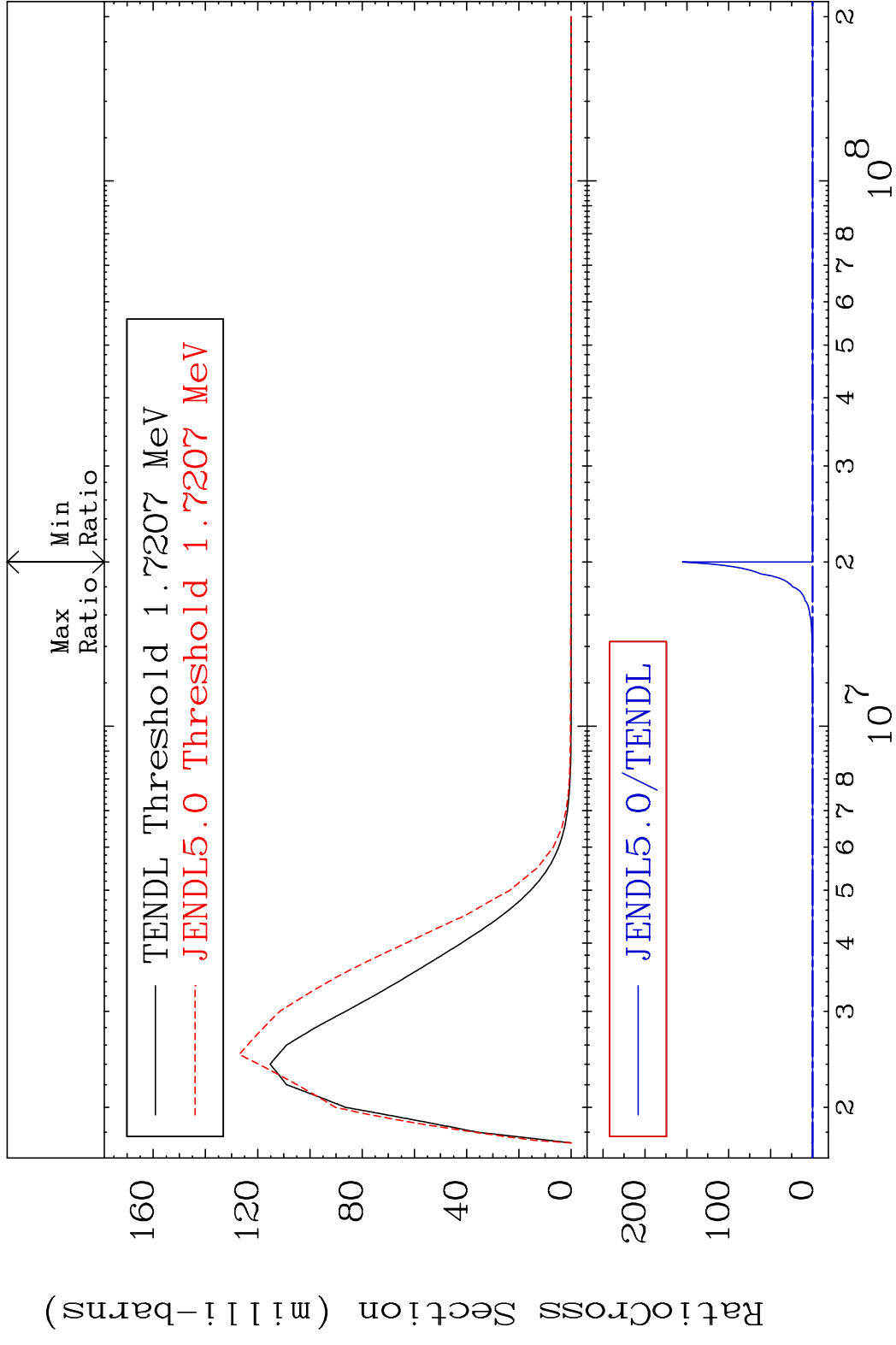


16 Incident Energy (eV) 82-Pb-204

MAT 8225 MT= 59 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 9999. %

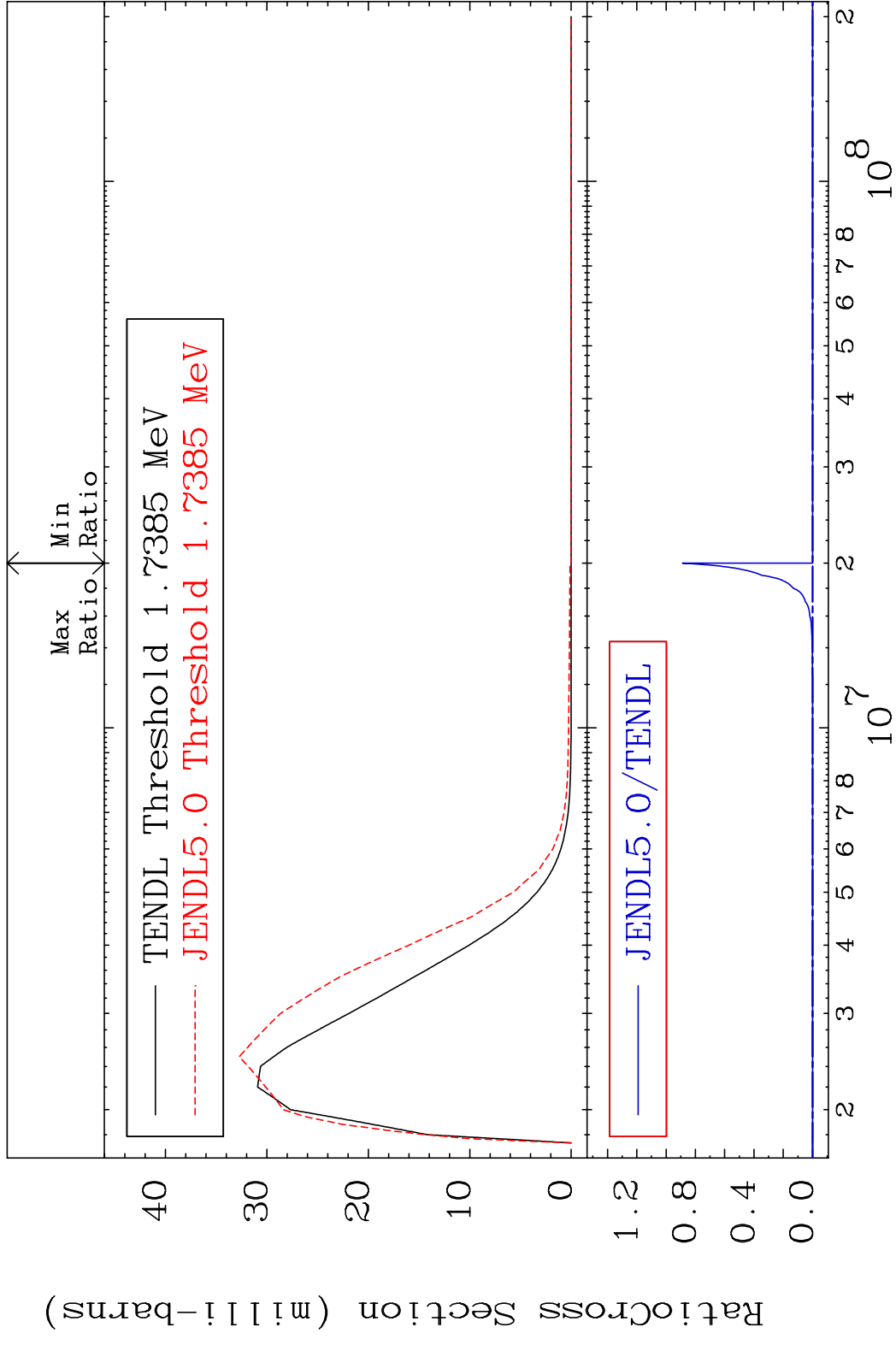


MAT 8225 MT= 60 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 9999. %

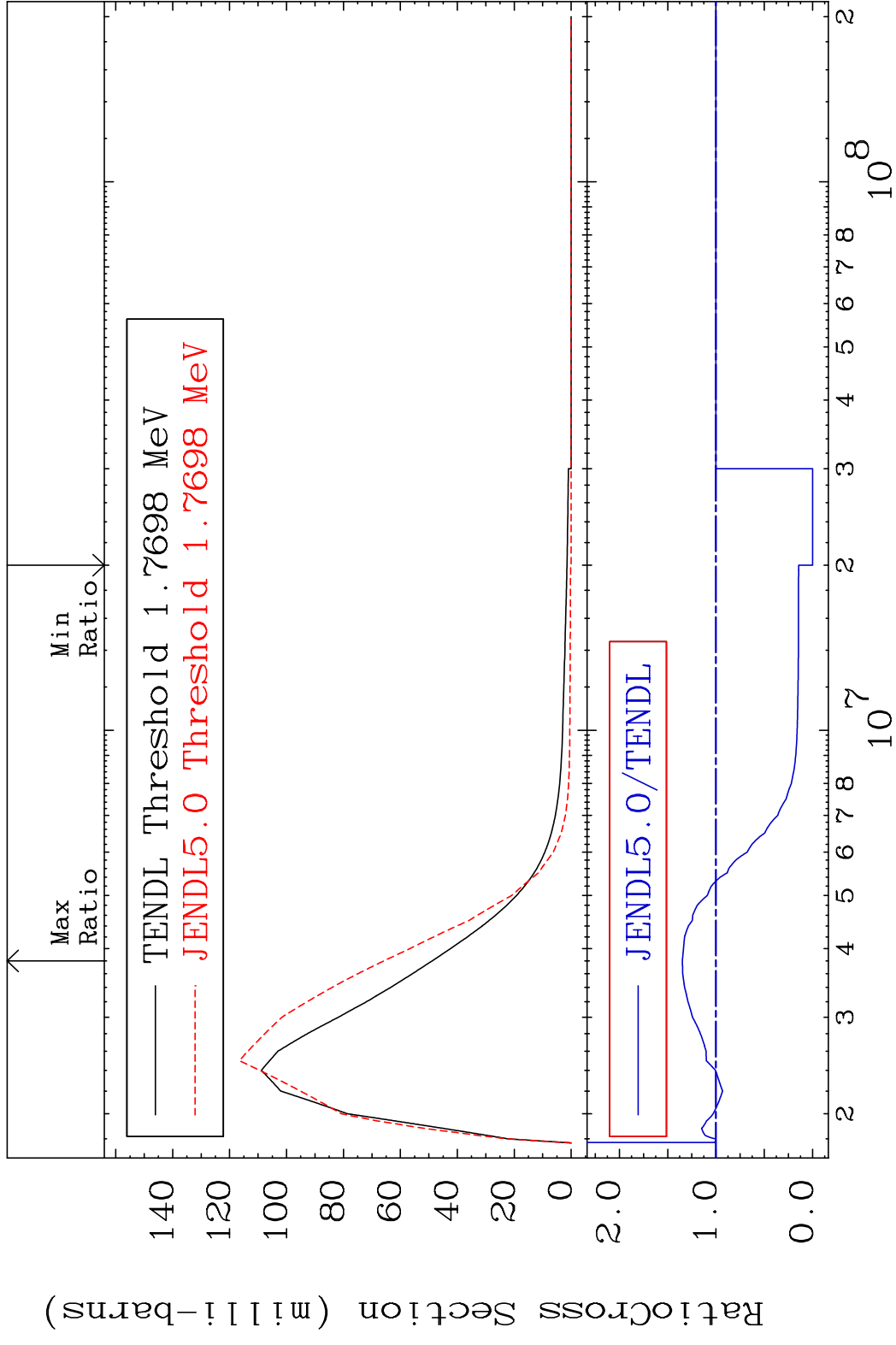


18 82-Pb-204

MAT 8225 MT= 61 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 9999. %

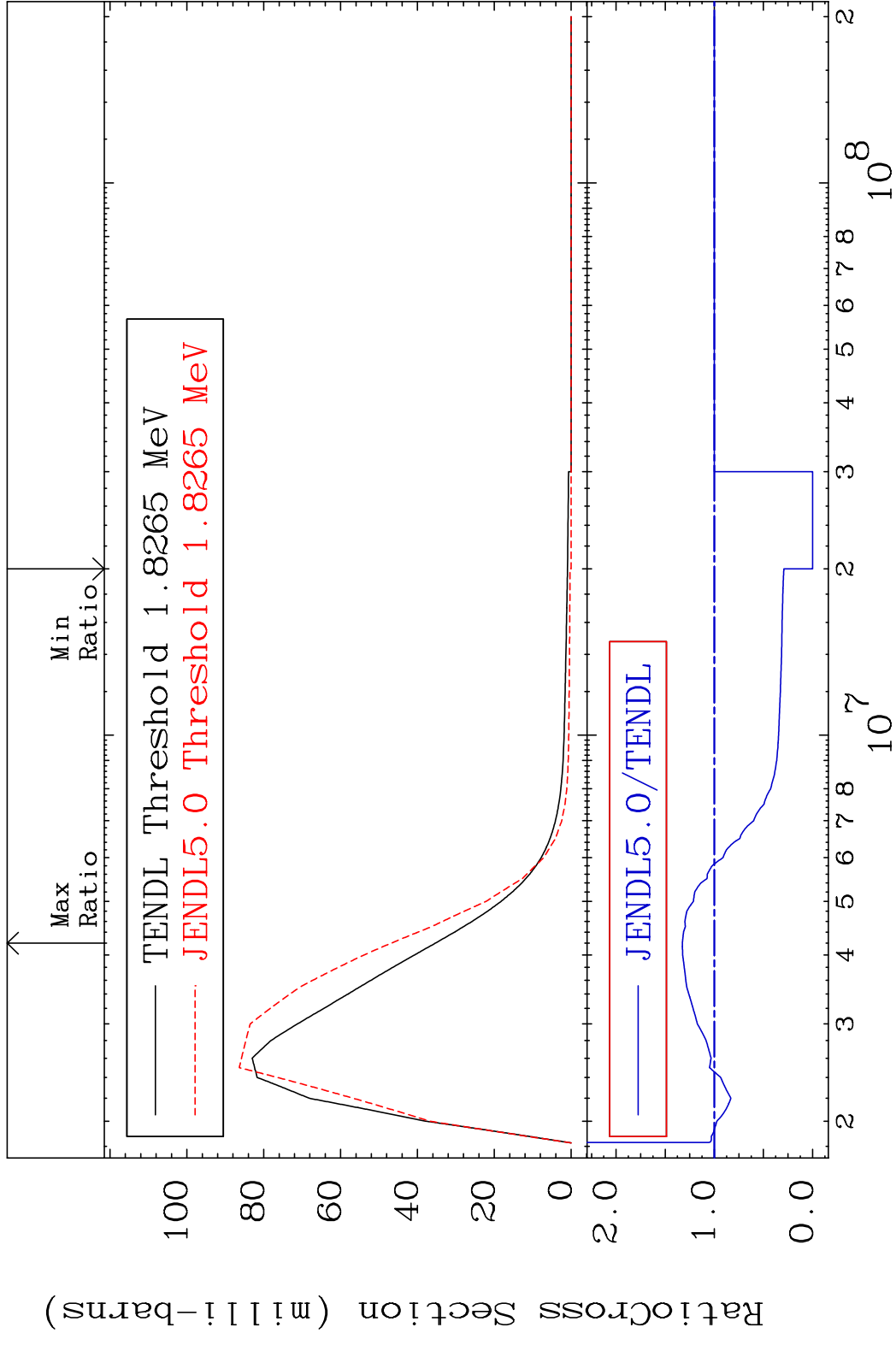


MAT 8225 MT= 62 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 34.82 %

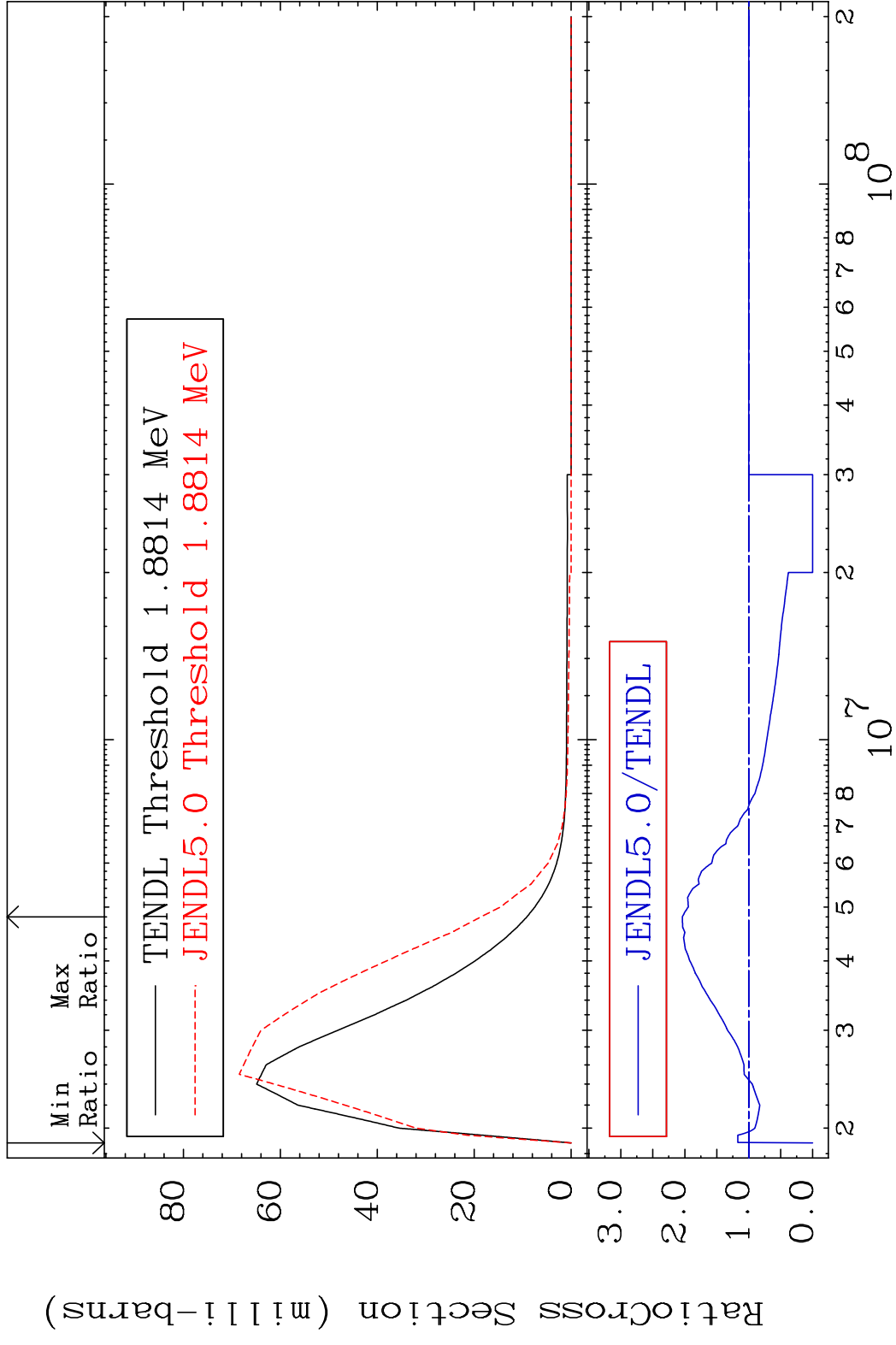


20 Incident Energy (eV) 82-Pb-204

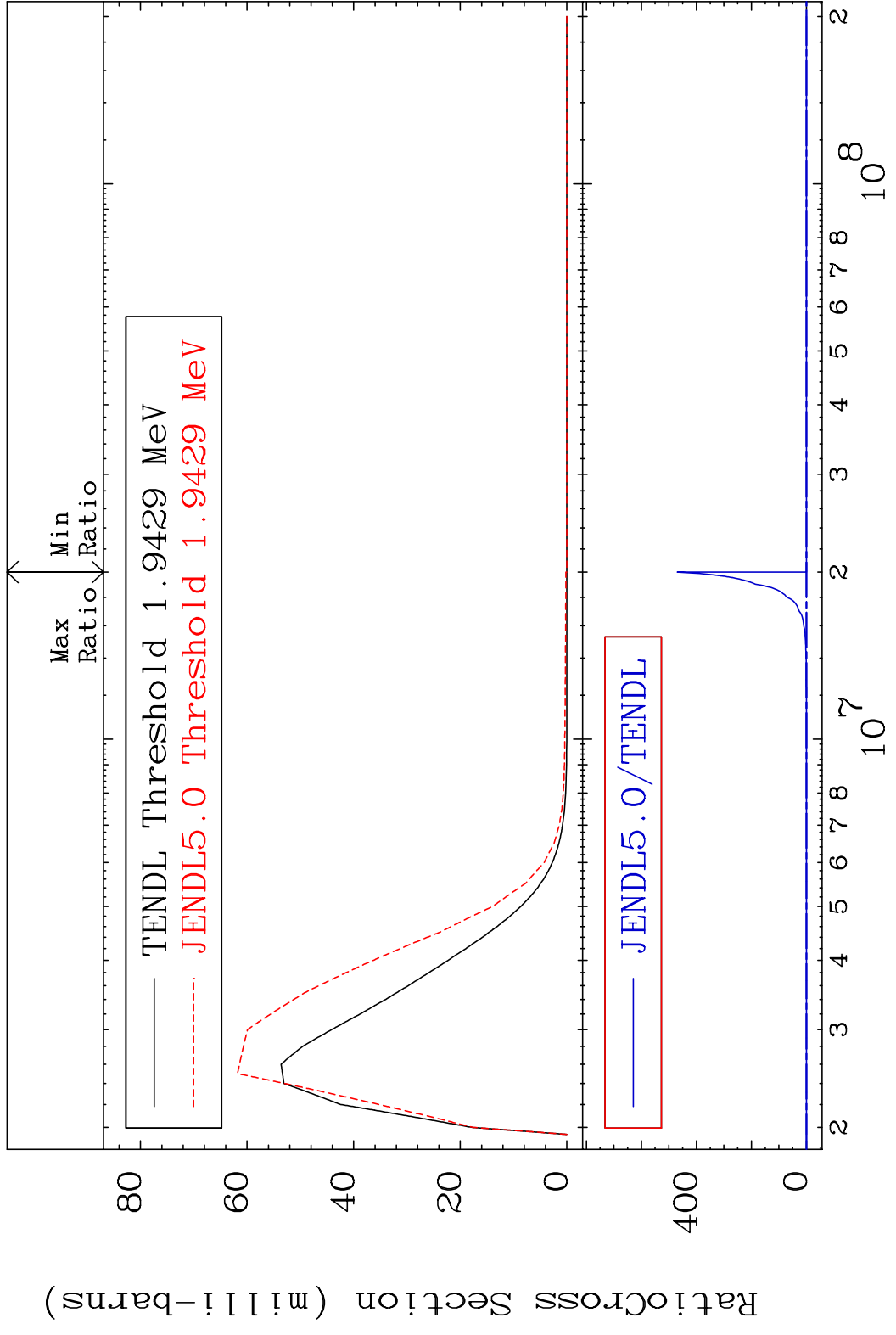
MAT 8225 MT= 63 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 32.54 %



MAT 8225      MT= 64 (n, n') Level      82-Pb-204  
 Cross Section    -100.0 To 103.8 %



MAT 8225 MT= 65 (n, n') Level 82-Pb-204  
 Cross Section -100.0 To 9999. %

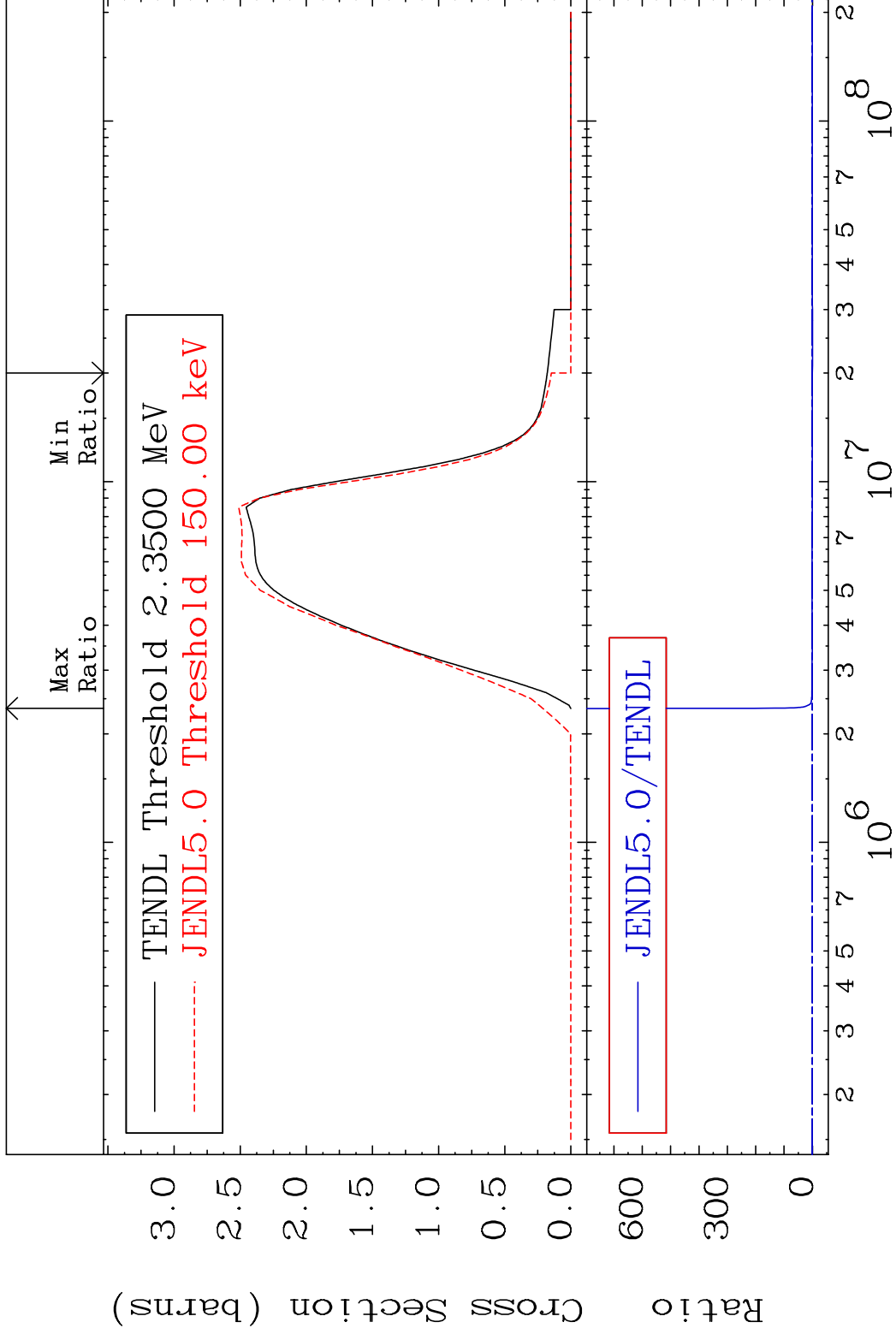


MAT 8225

(n, n') Continuum

82-Pb-204

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

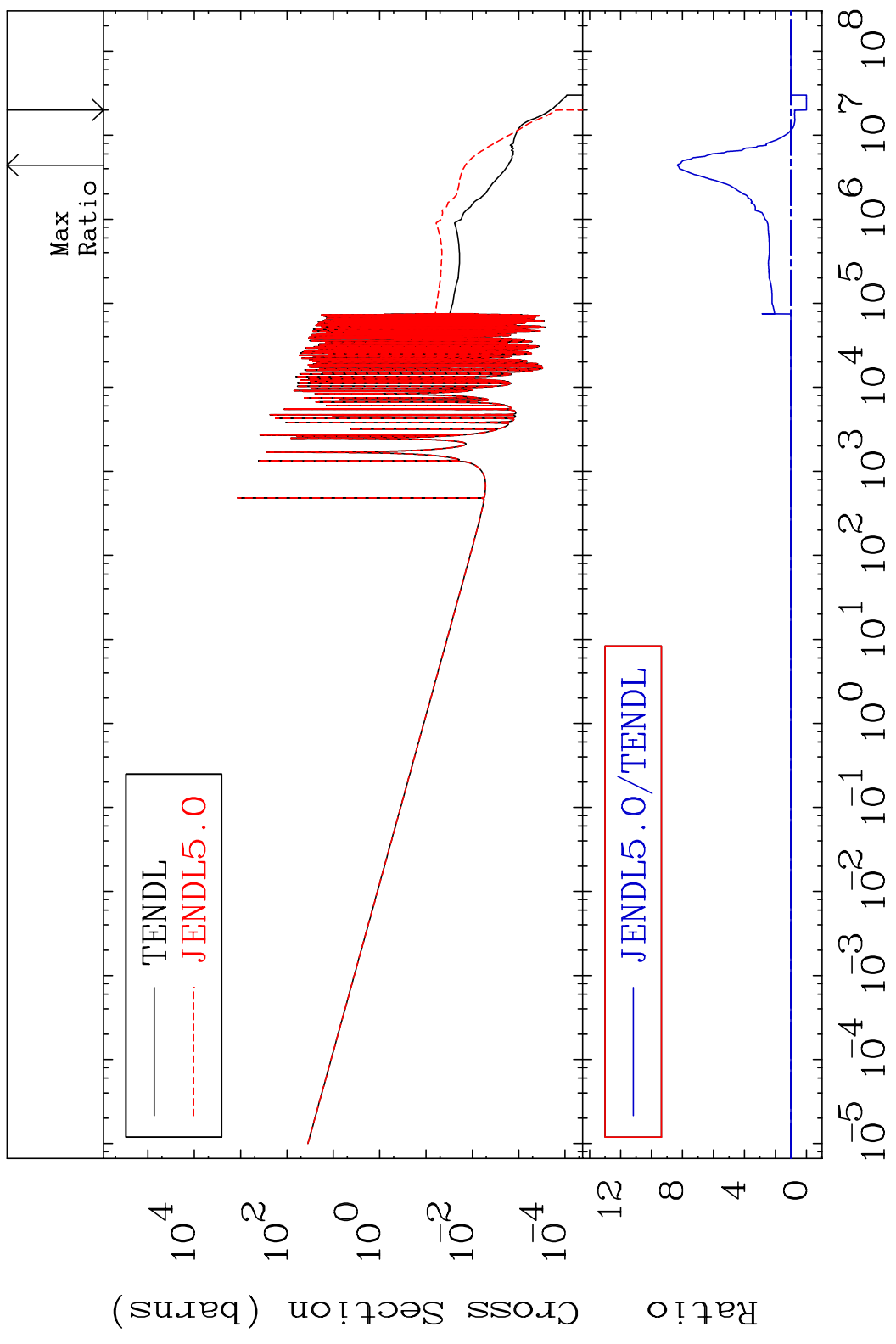
82-Pb-204

MAT 8225

(n,  $\gamma$ )

82-Pb-204

Cross Section -100.0 To 734.3 %



25

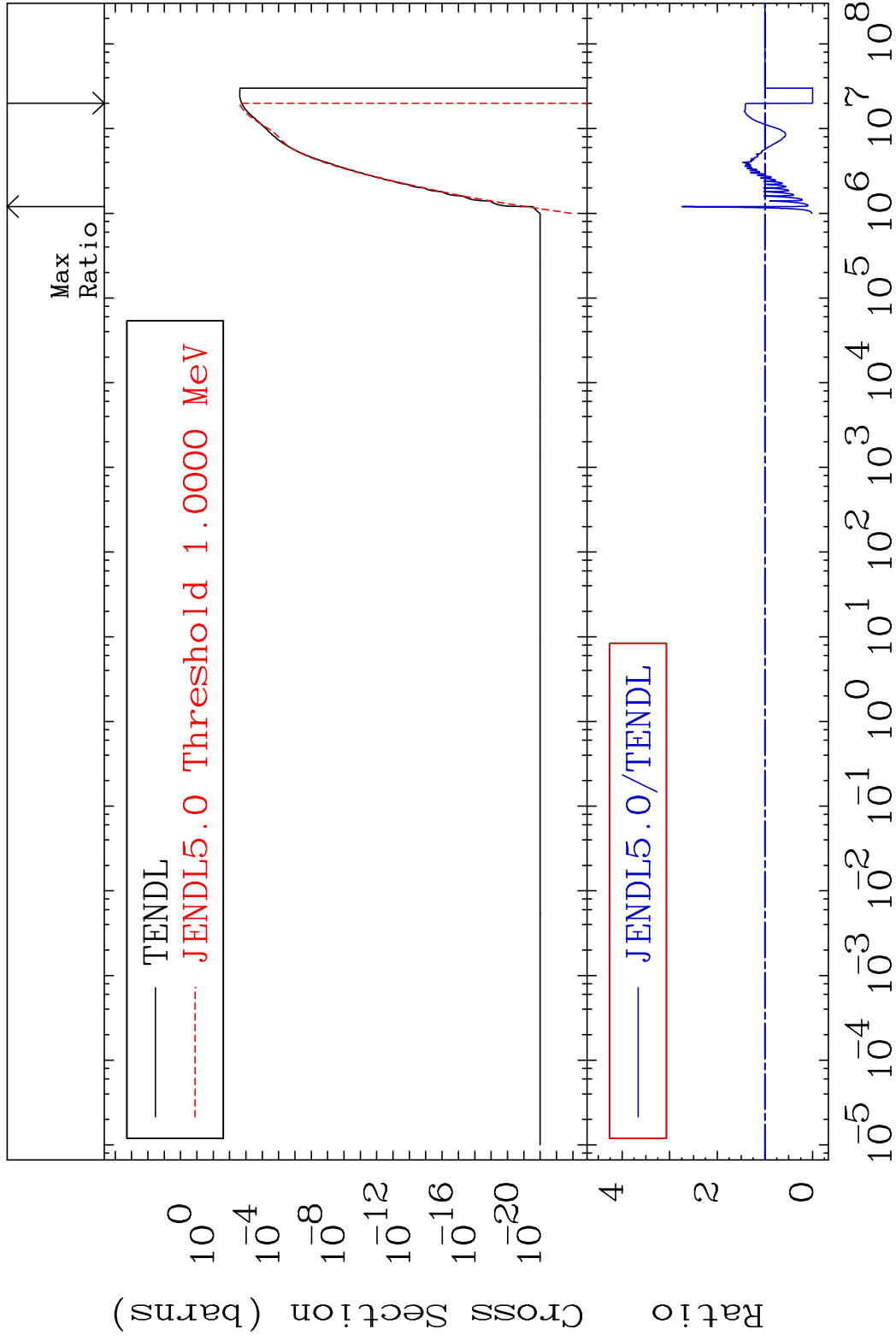
82-Pb-204

MAT 8225

(n,p)

82-Pb-204

Cross Section -100.0 To 173.4 %



26

Incident Energy (eV)

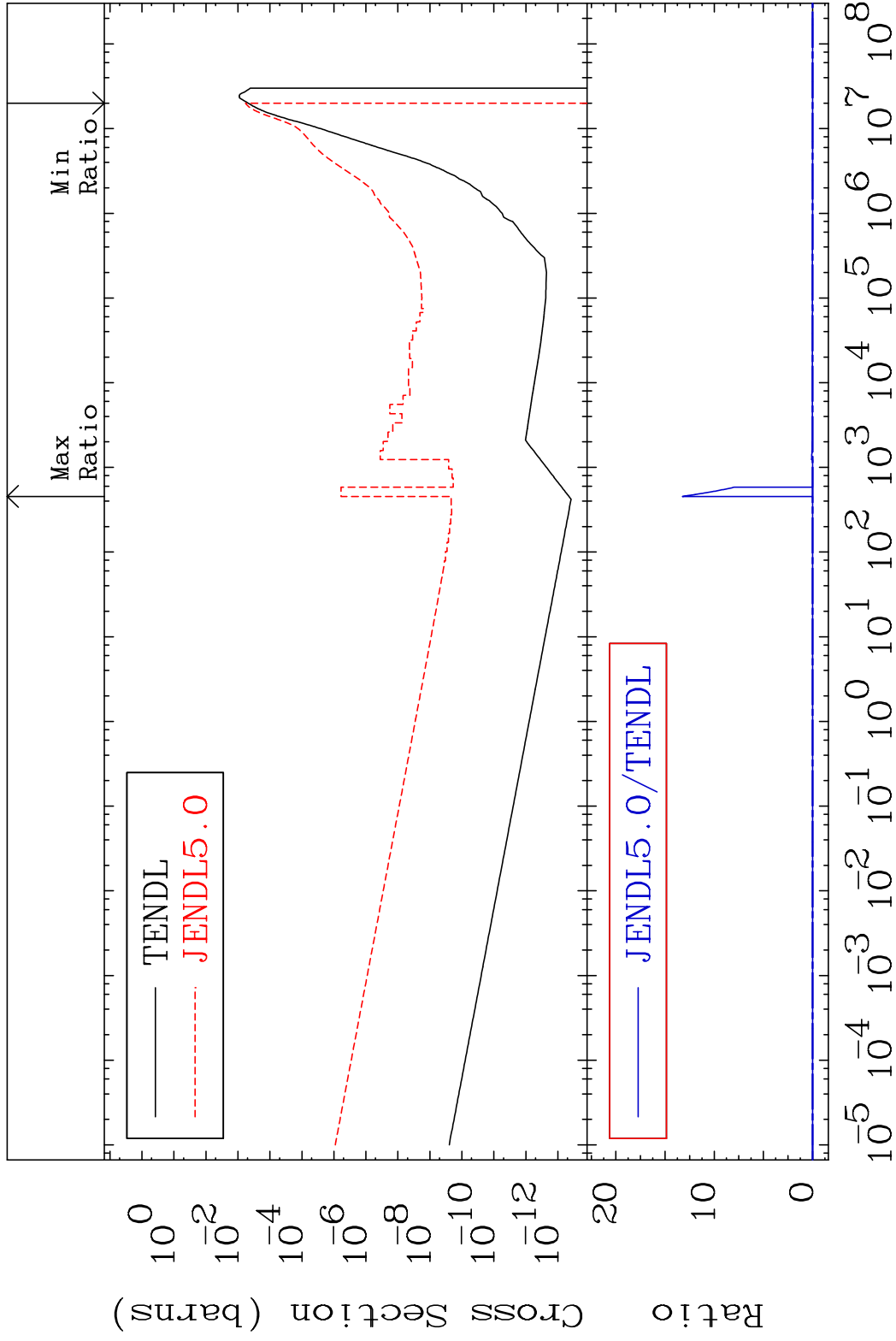
82-Pb-204

MAT 8225

(n,  $\alpha$ )

82-Pb-204

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

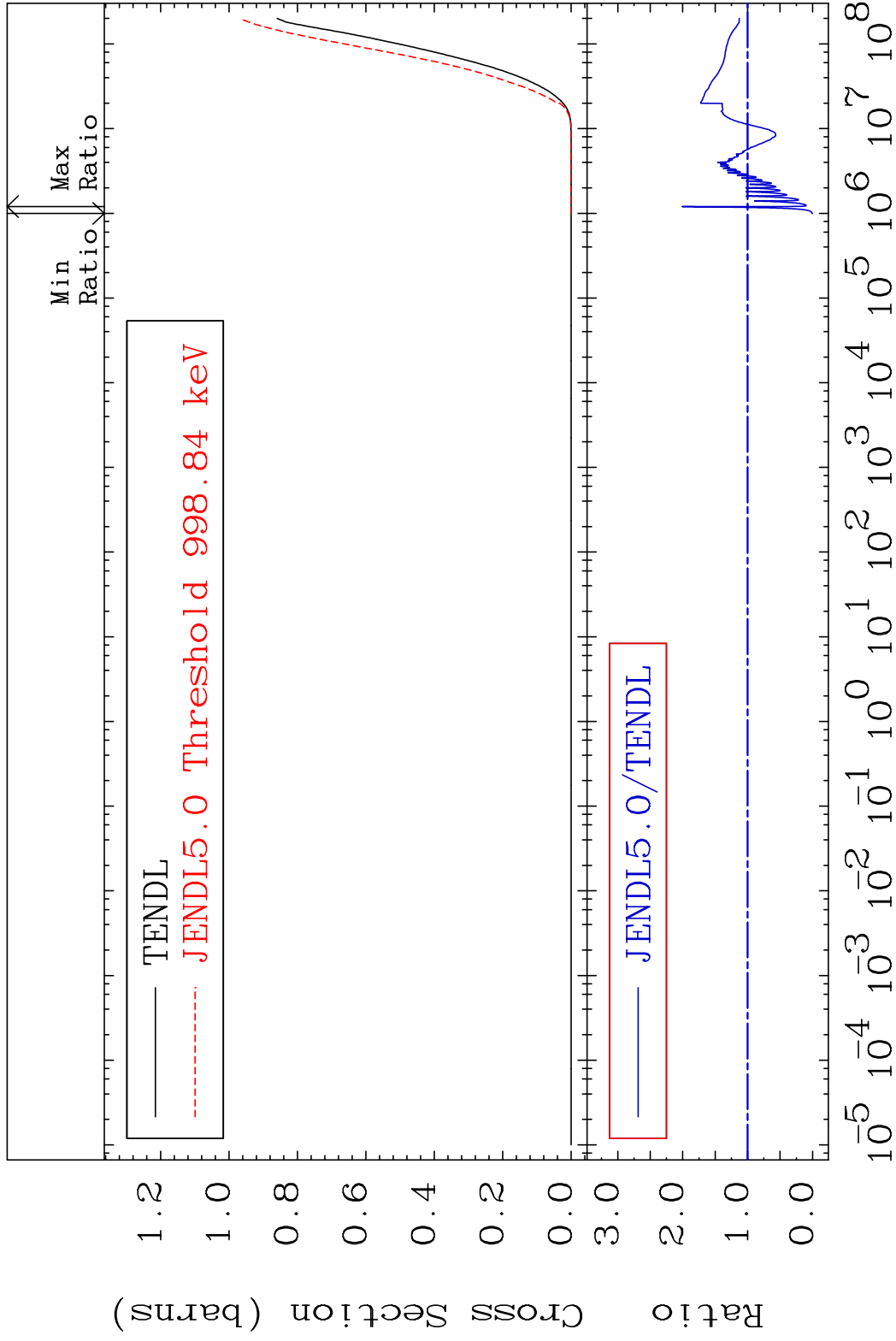
82-Pb-204

MAT 8225

Hydrogen Production

82-Pb-204

Cross Section -100.0 To 100.5 %



28

Incident Energy (eV)

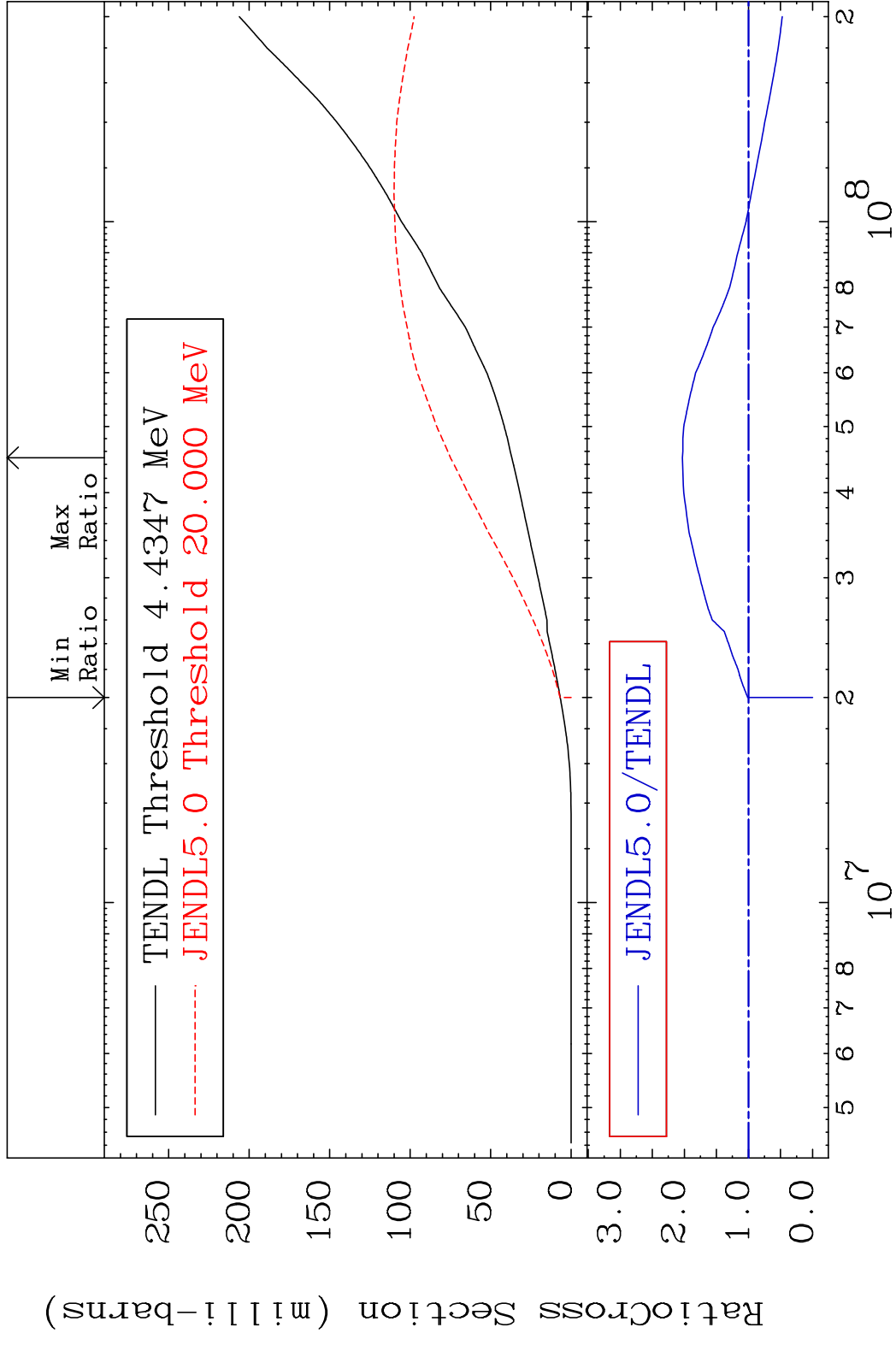
82-Pb-204

MAT 8225

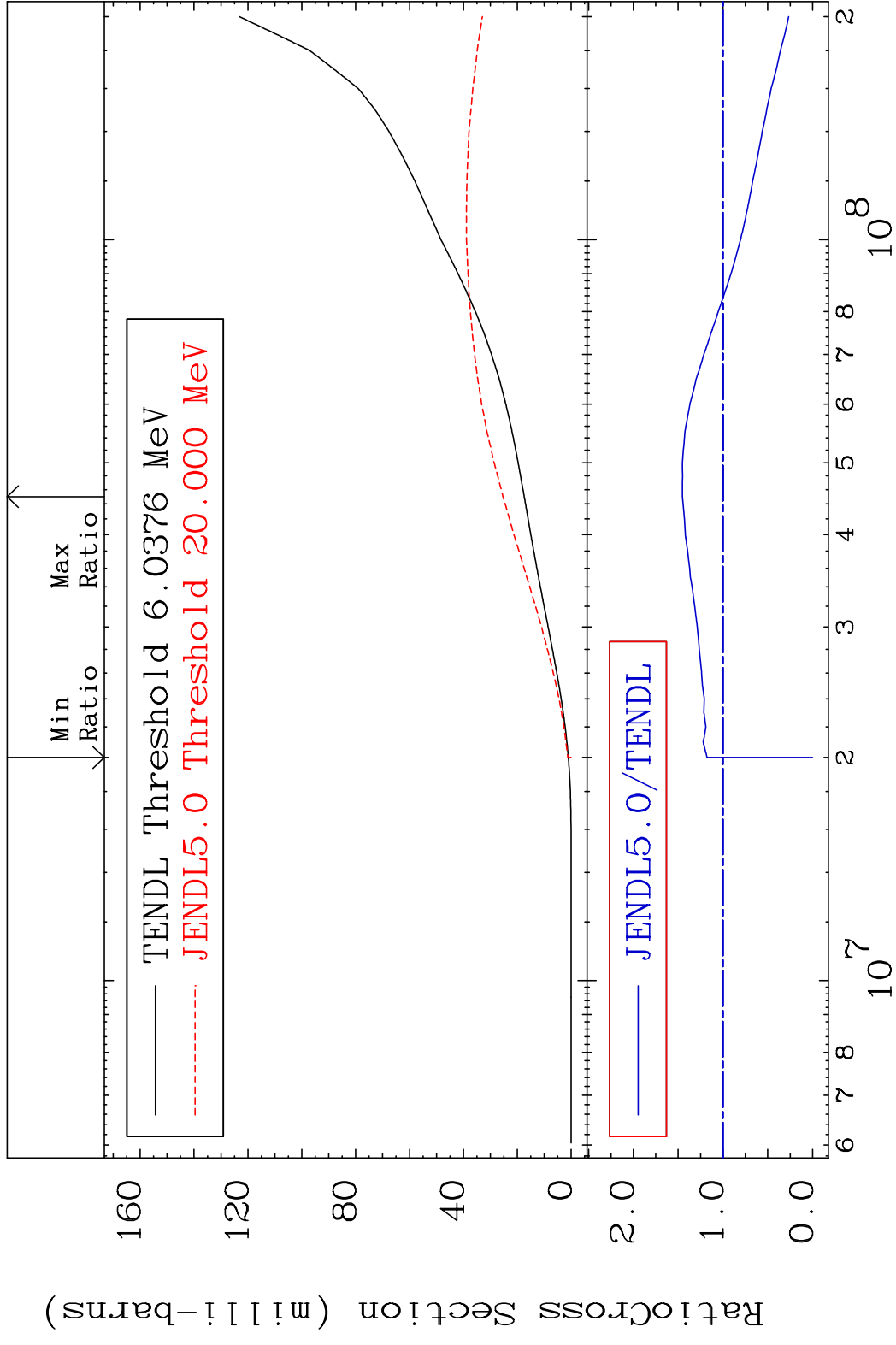
Deuterium Production

82-Pb-204

Cross Section -100.0 To 103.1 %

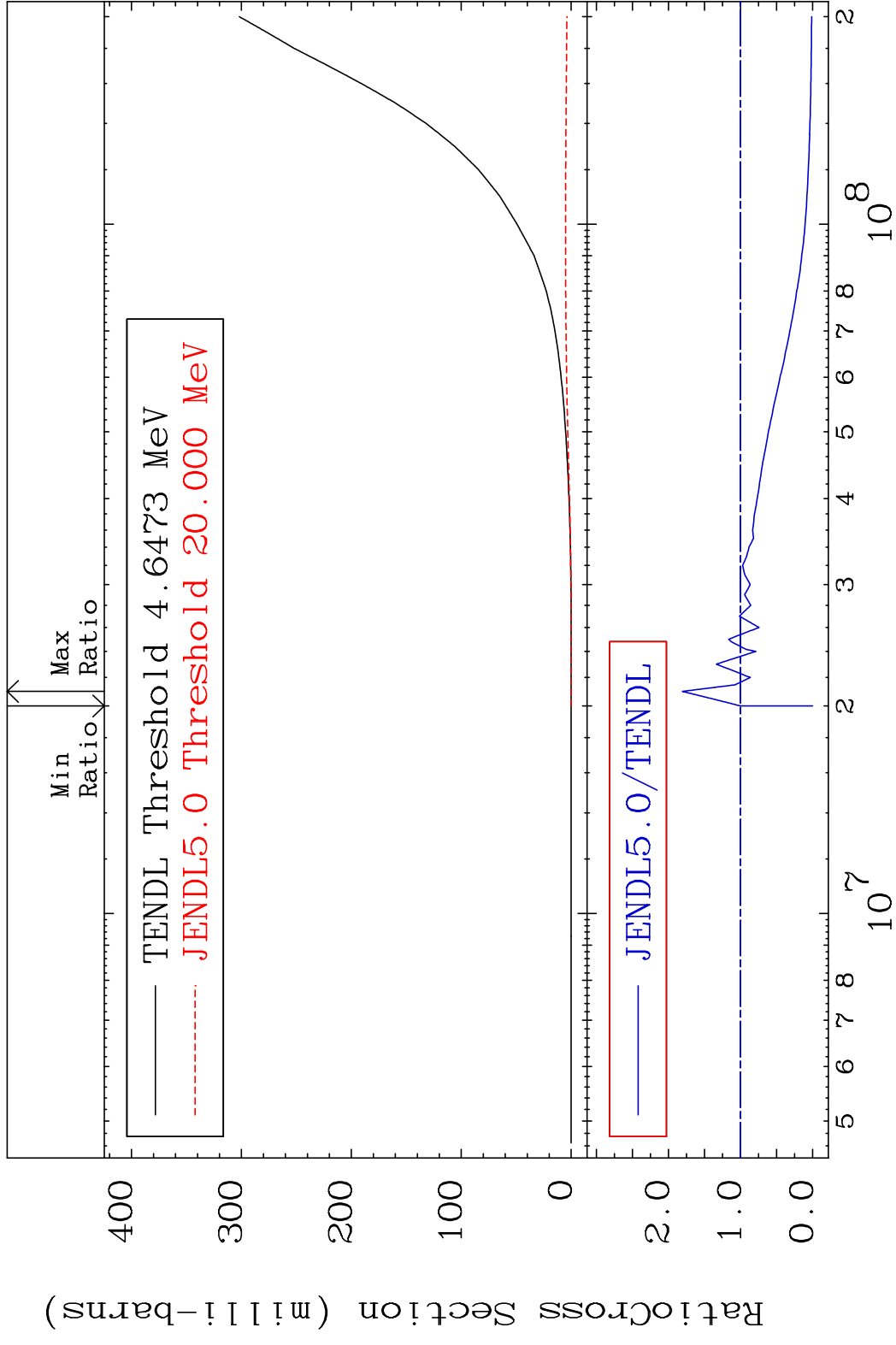


MAT 8225 Tritium Production 82-Pb-204  
 Cross Section -100.0 To 45.32 %



30 82-Pb-204

MAT 8225 He-3 Production 82-Pb-204  
 Cross Section -100.0 To 80.66 %

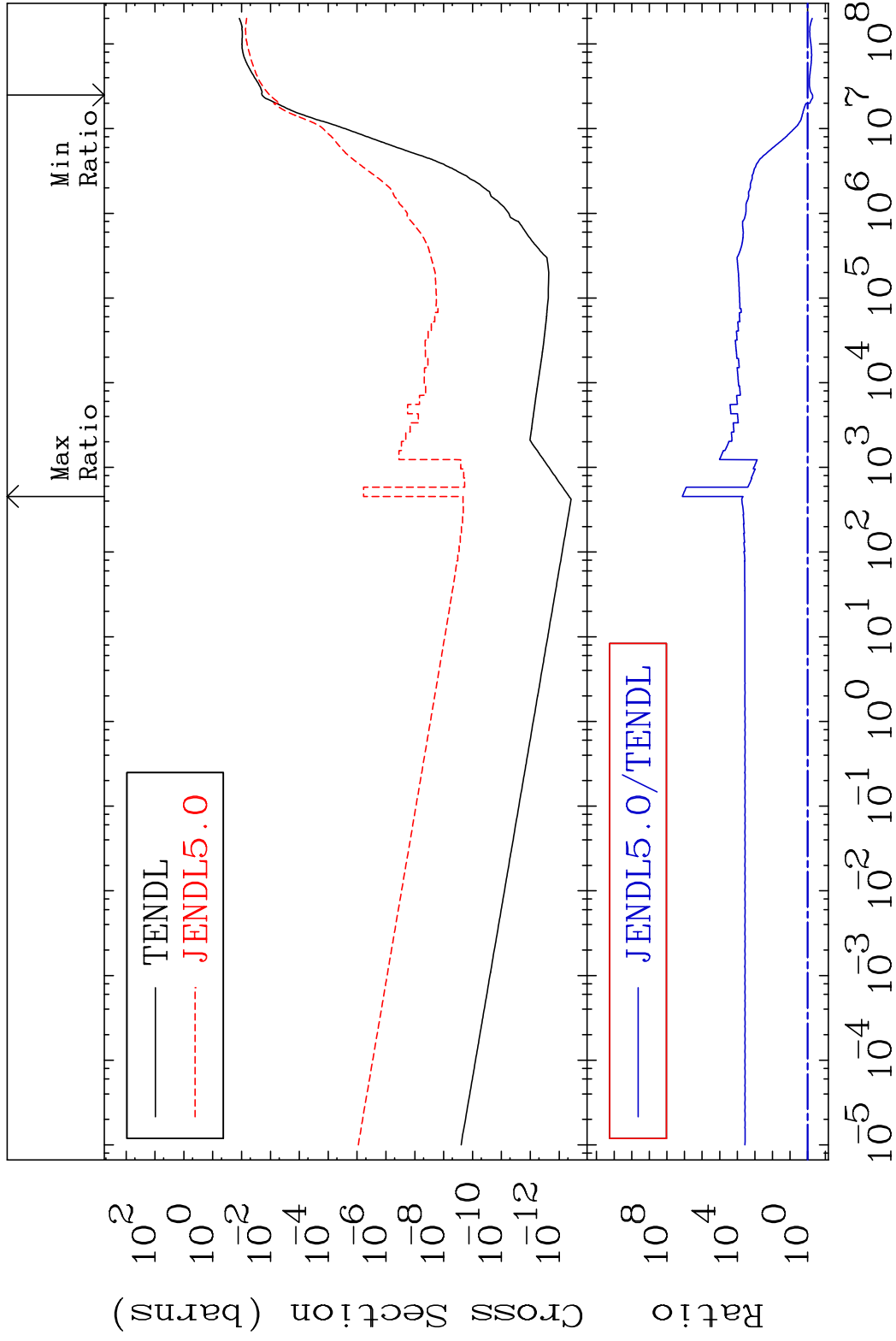


MAT 8225

He-4 Production

82-Pb-204

Cross Section -47.06 To 9999. %

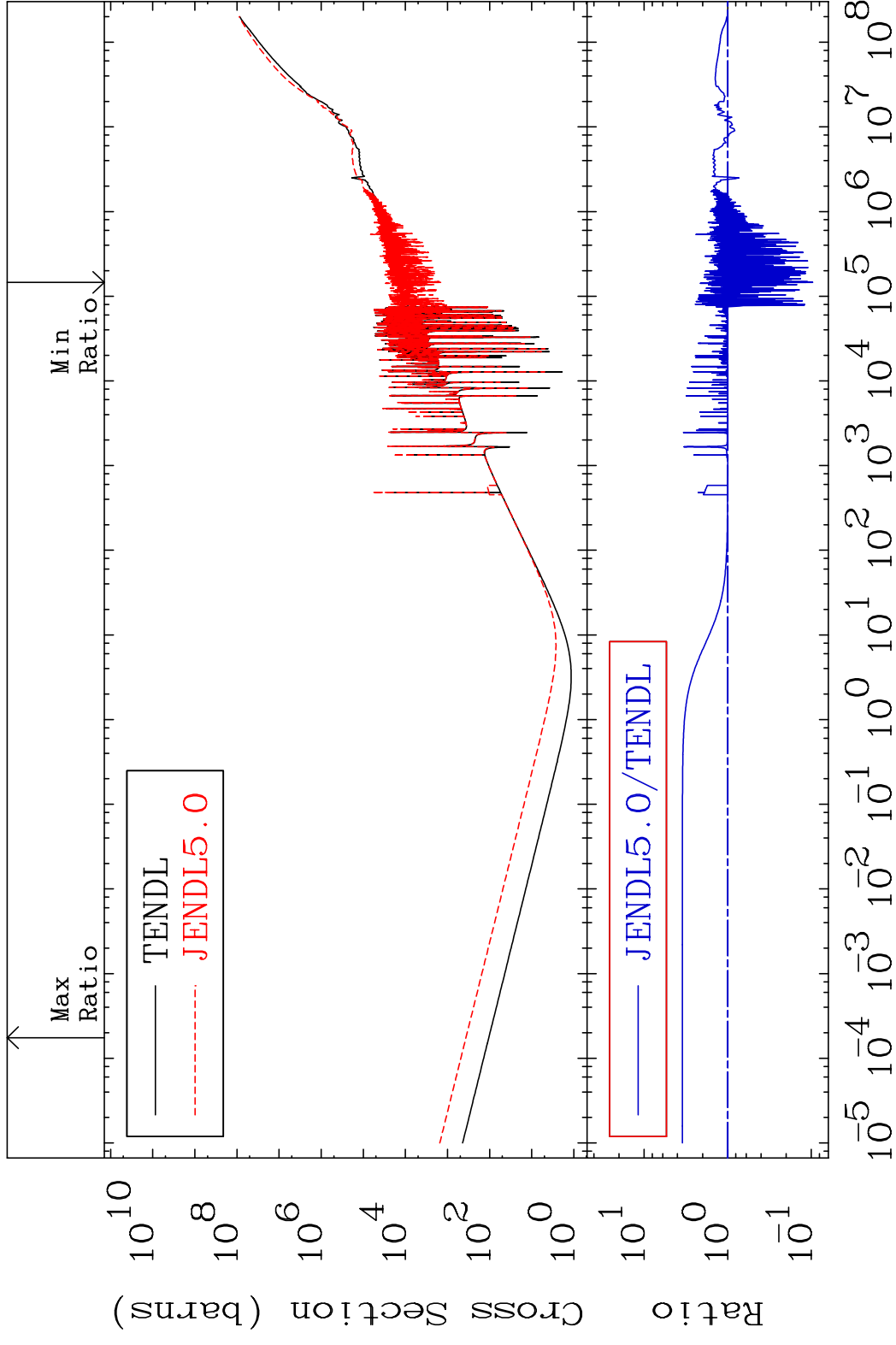


32

Incident Energy (eV)

82-Pb-204

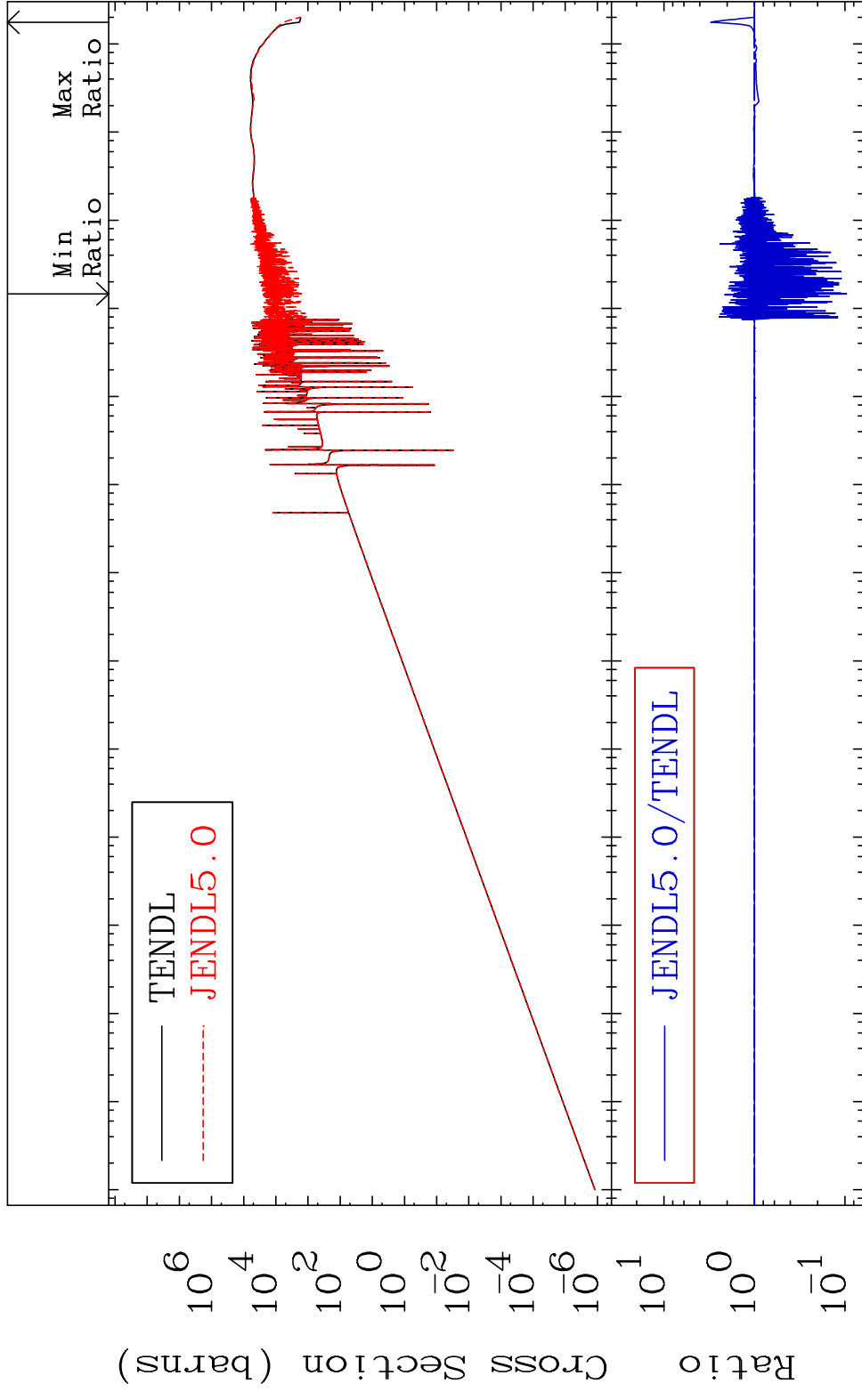
MAT 8225 Kerma total (eV-barns) 82-Pb-204  
 Cross Section -90.35 To 249.2 %



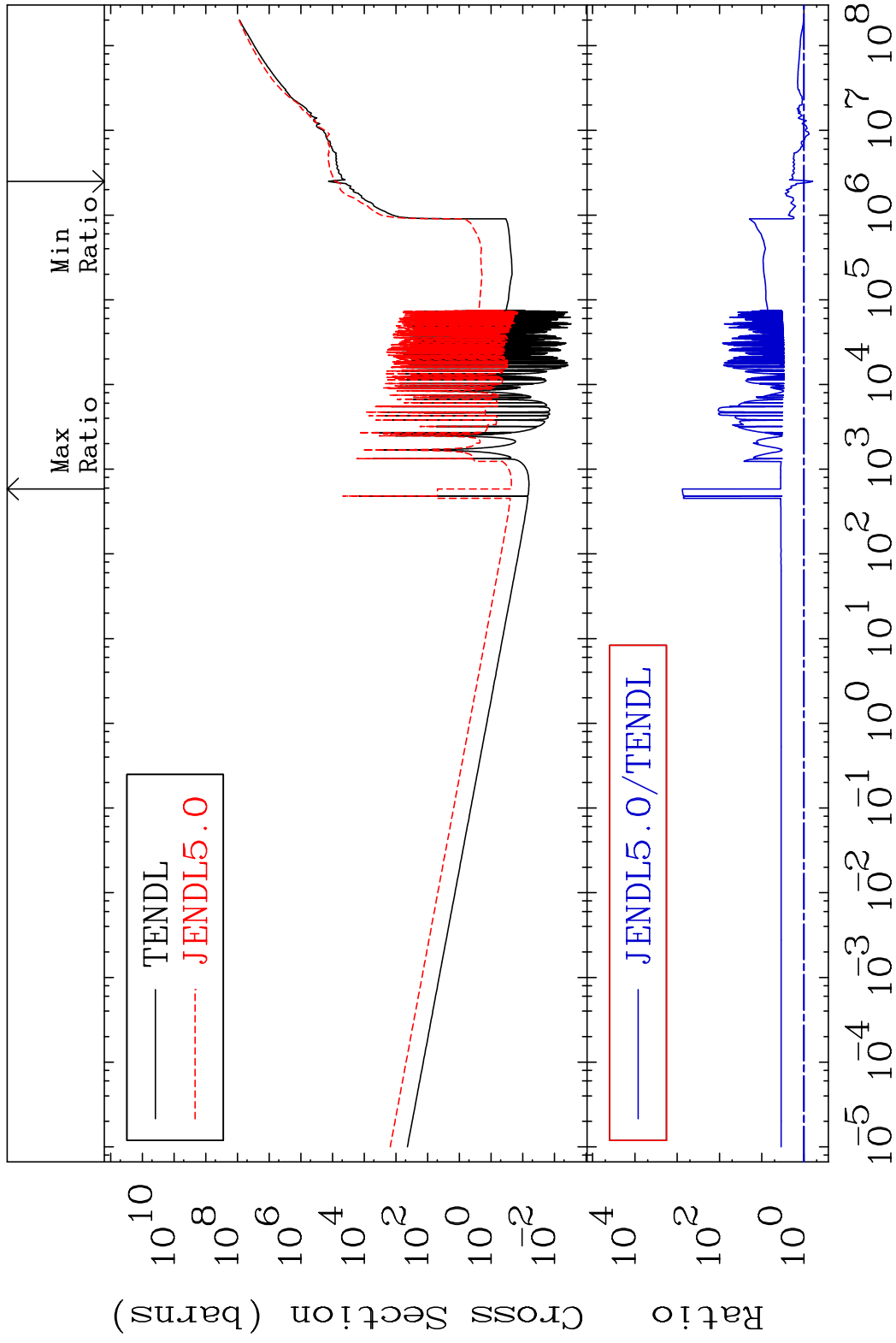
MAT 8225

Kerma elastic  
Cross Section

82-Pb-204  
-90.36 To 203.7 %

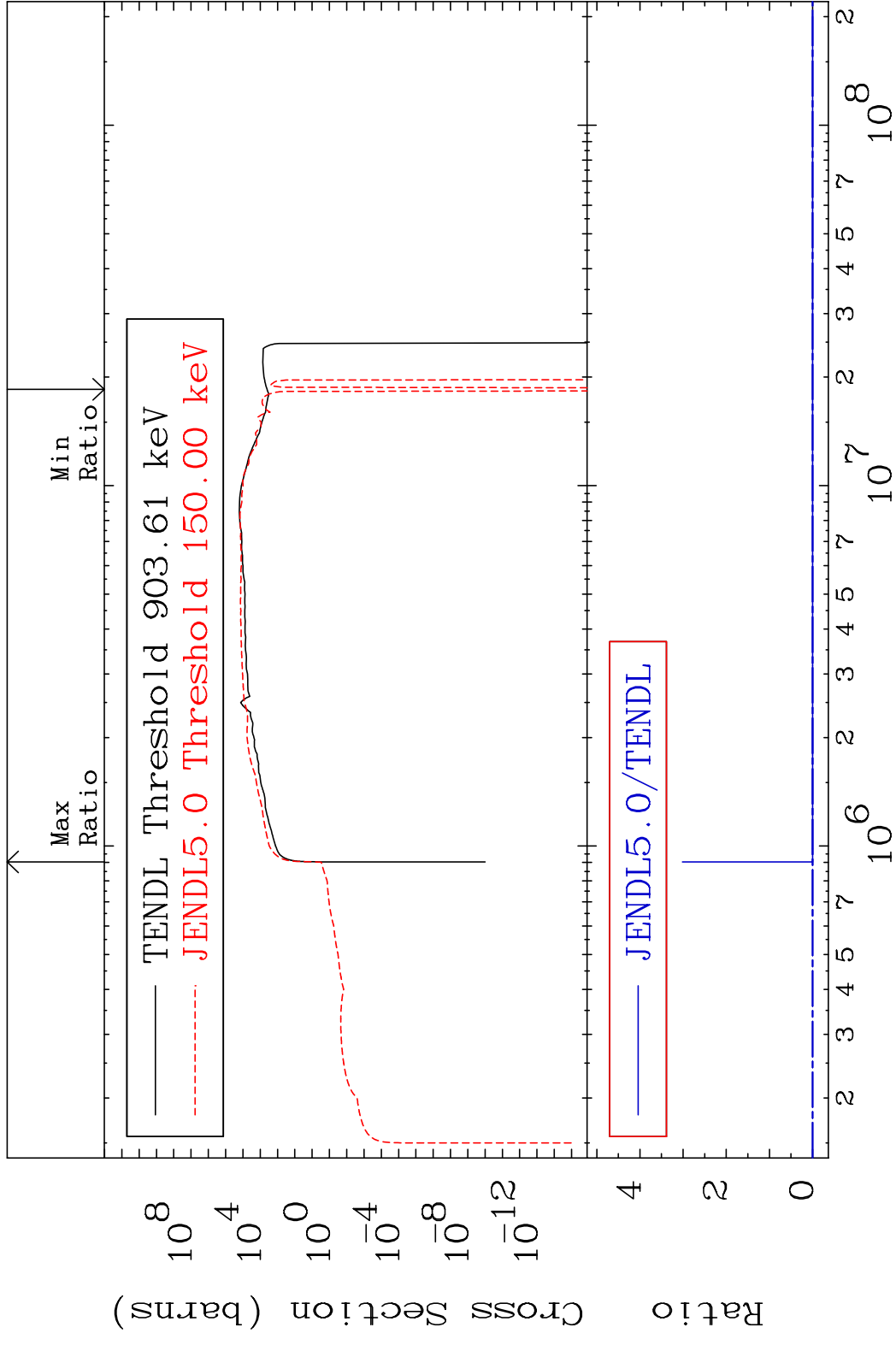


MAT 8225 Kerma non-elastic (all but mt2) 82-Pb-204  
 Cross Section -37.13 To 9999. %

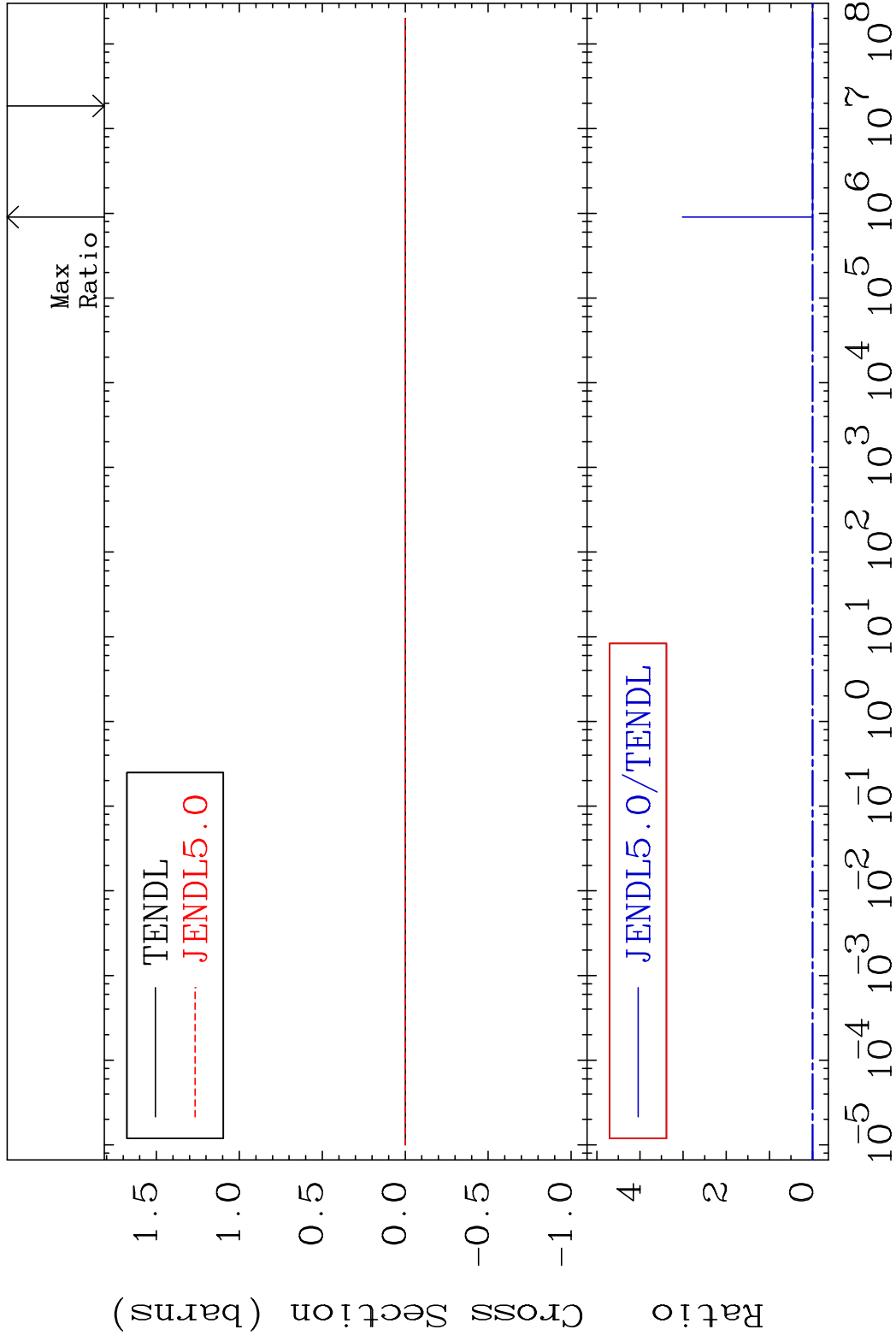


35 Incident Energy (eV) 82-Pb-204

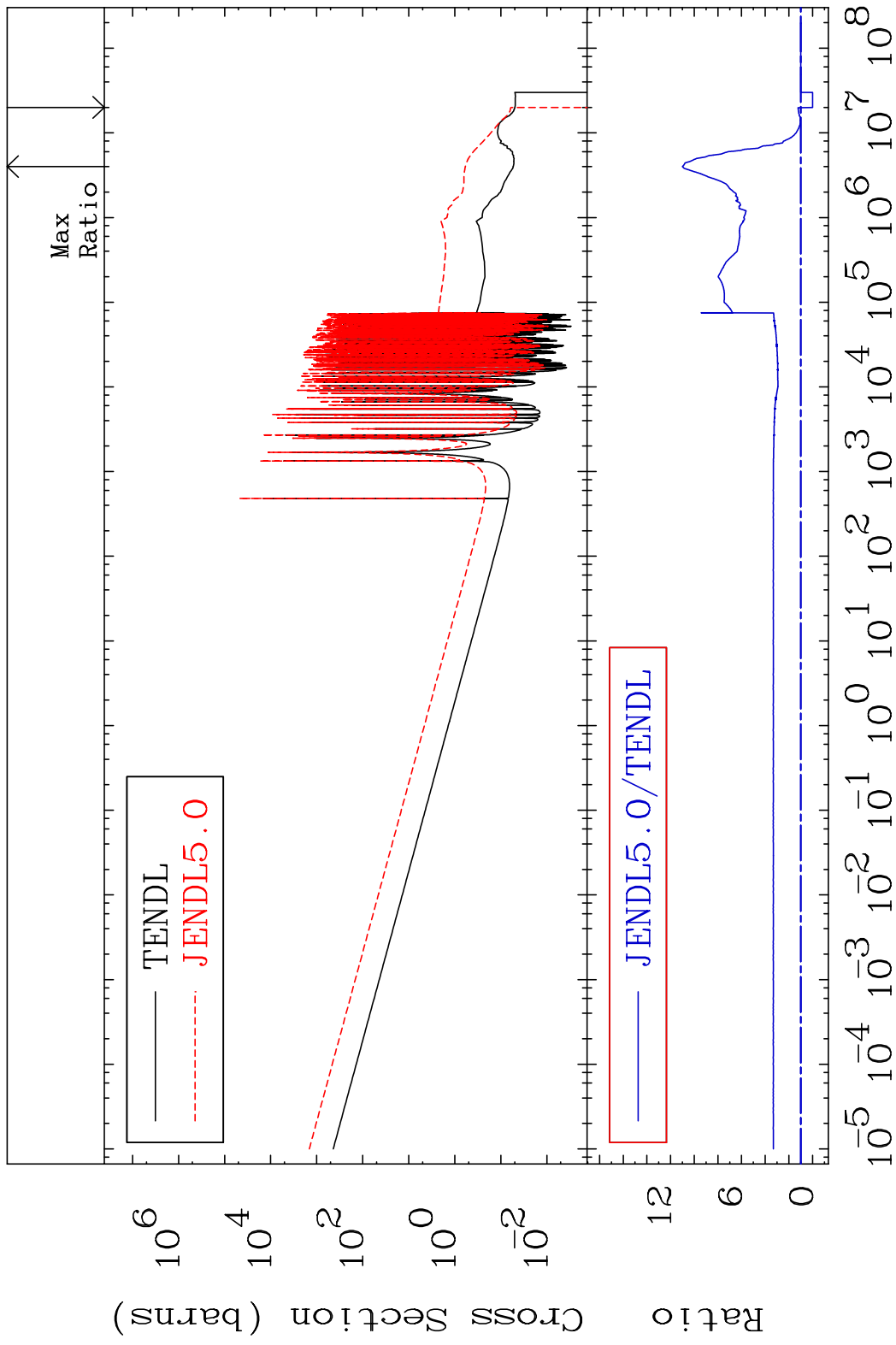
MAT 8225 Kerma inelastic (mt51-91) 82-Pb-204  
 Cross Section -137.9 To 9999. %



MAT 8225 Kerma fission (mt18 or mt19-20-21-38) $\beta$ 2-Pb-204  
 Cross Section -137.9 To 9999. %

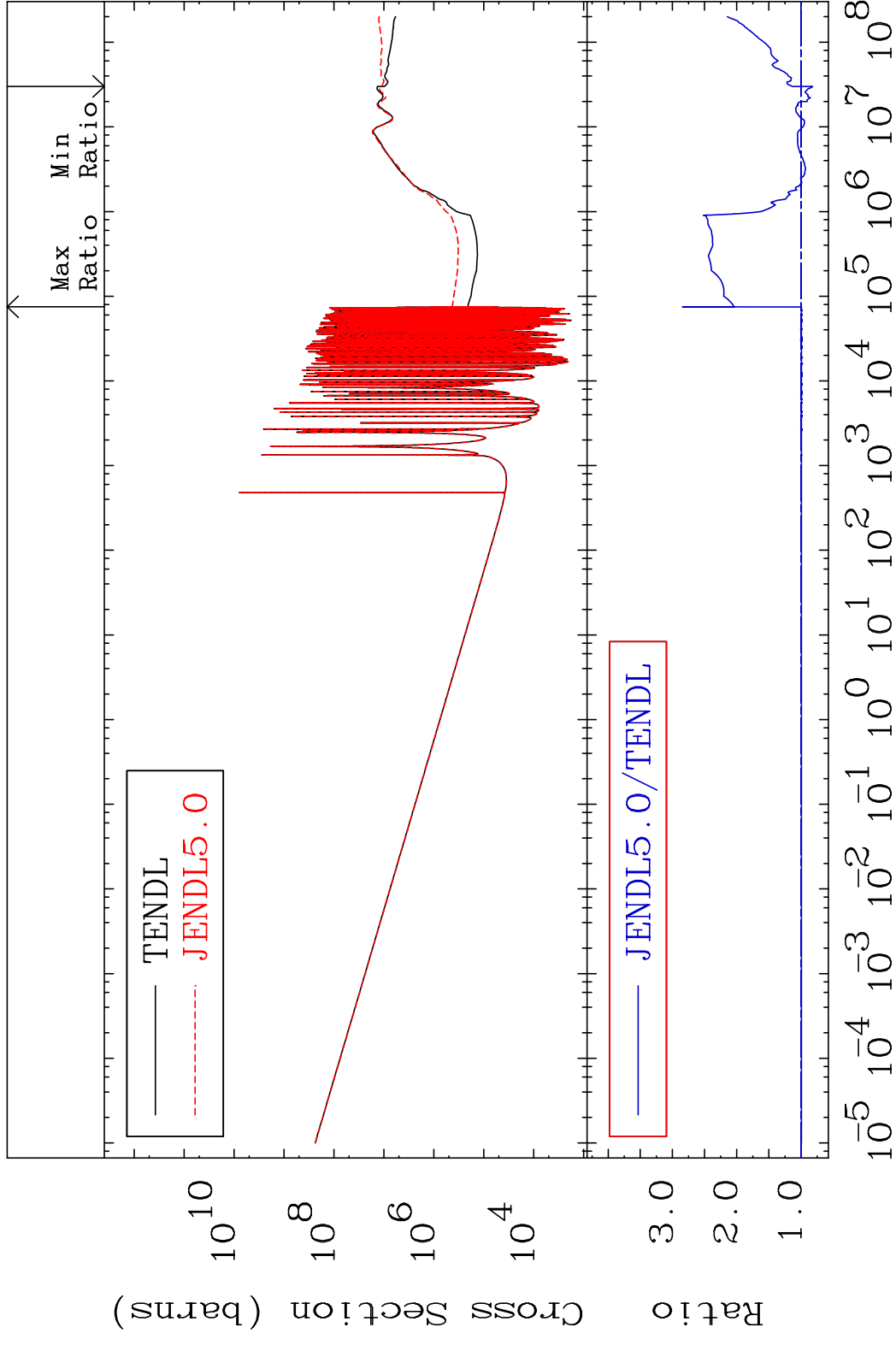


MAT 8225 Kerma capture (mt102) 82-Pb-204  
Cross Section -100.0 To 1000. %



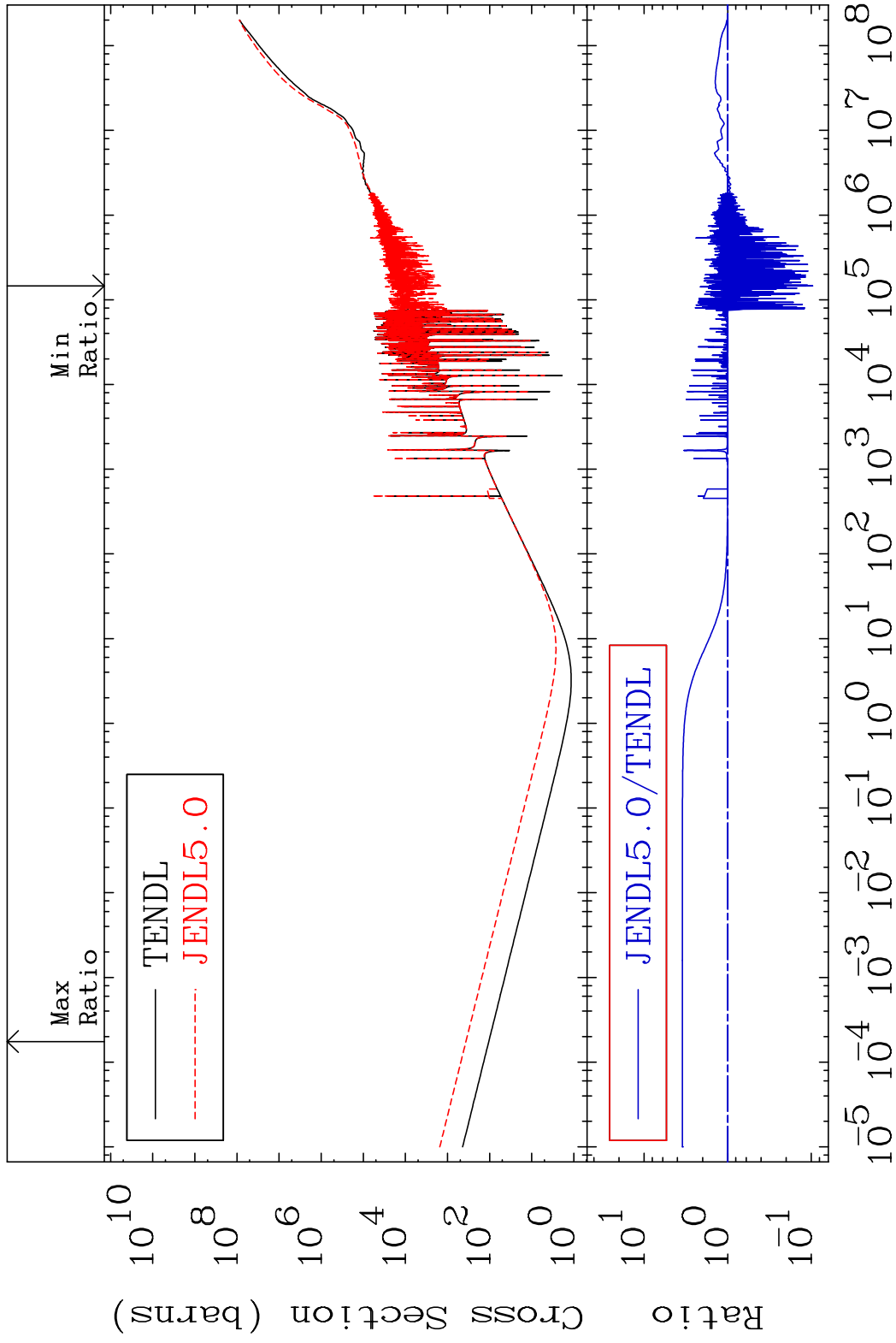
38 Incident Energy (eV) 82-Pb-204

MAT 8225 Total photon (eV-barns) 82-Pb-204  
Cross Section -17.94 To 184.6 %

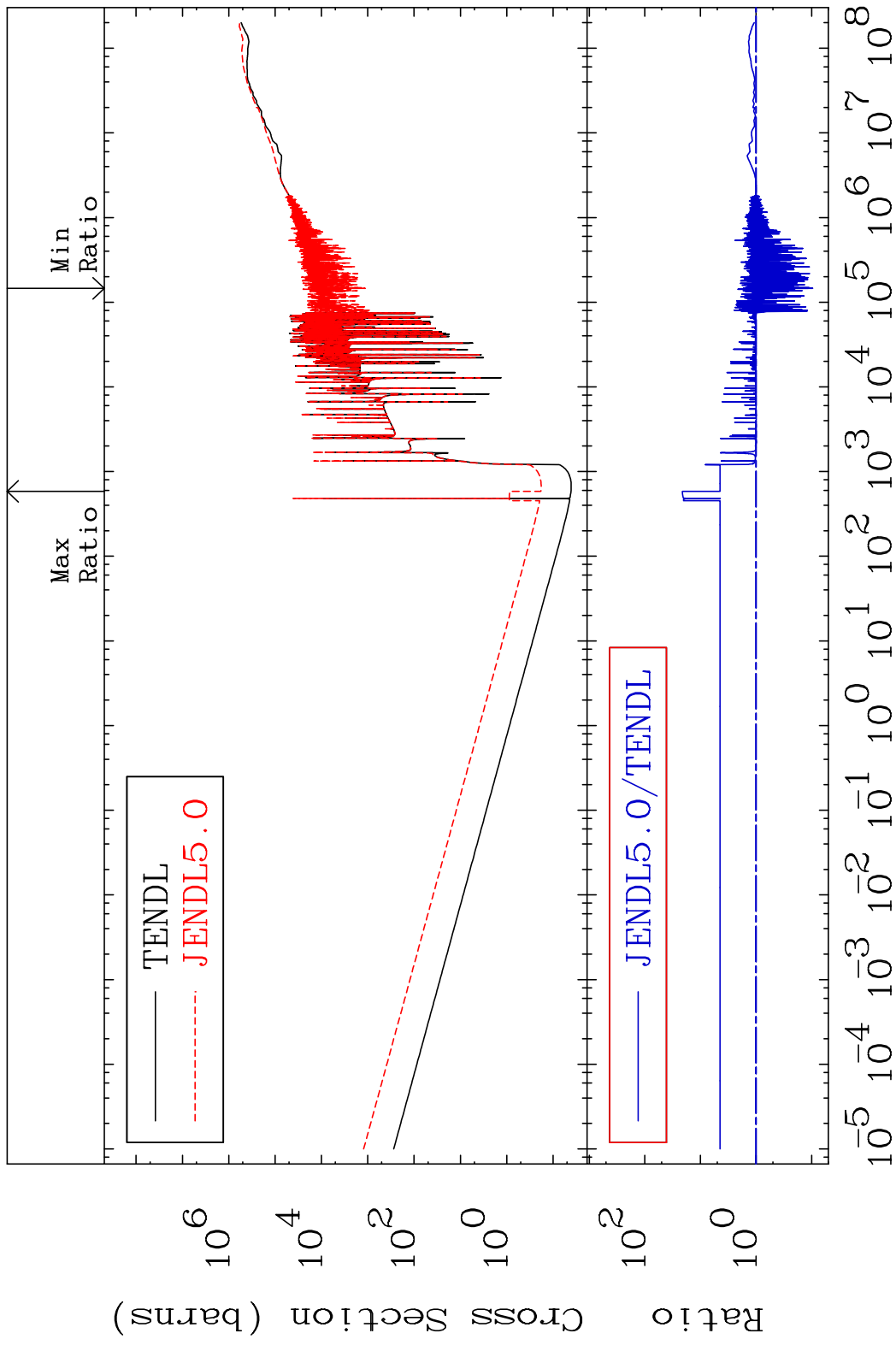


39 Incident Energy (eV) 82-Pb-204

MAT 8225 Total kinematic kerma (high limit) 82-Pb-204  
Cross Section -90.35 To 249.2 %



MAT 8225      Dpa total (eV-barns)      82-Pb-204  
 Cross Section      -90.35 To 2017. %

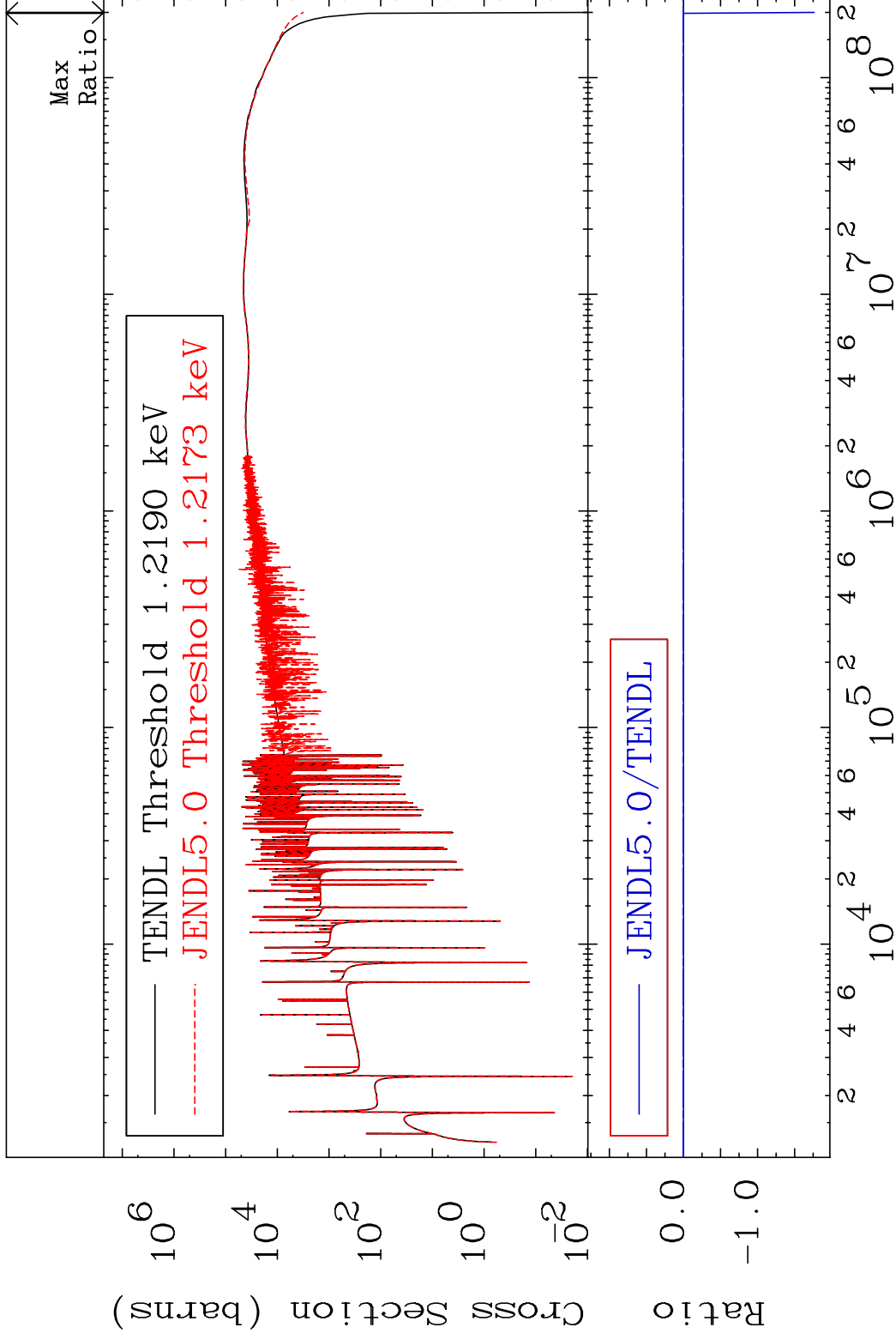


MAT 8225

Dpa elastic (mt2)

82-Pb-204

Cross Section -9999. To 1803. %

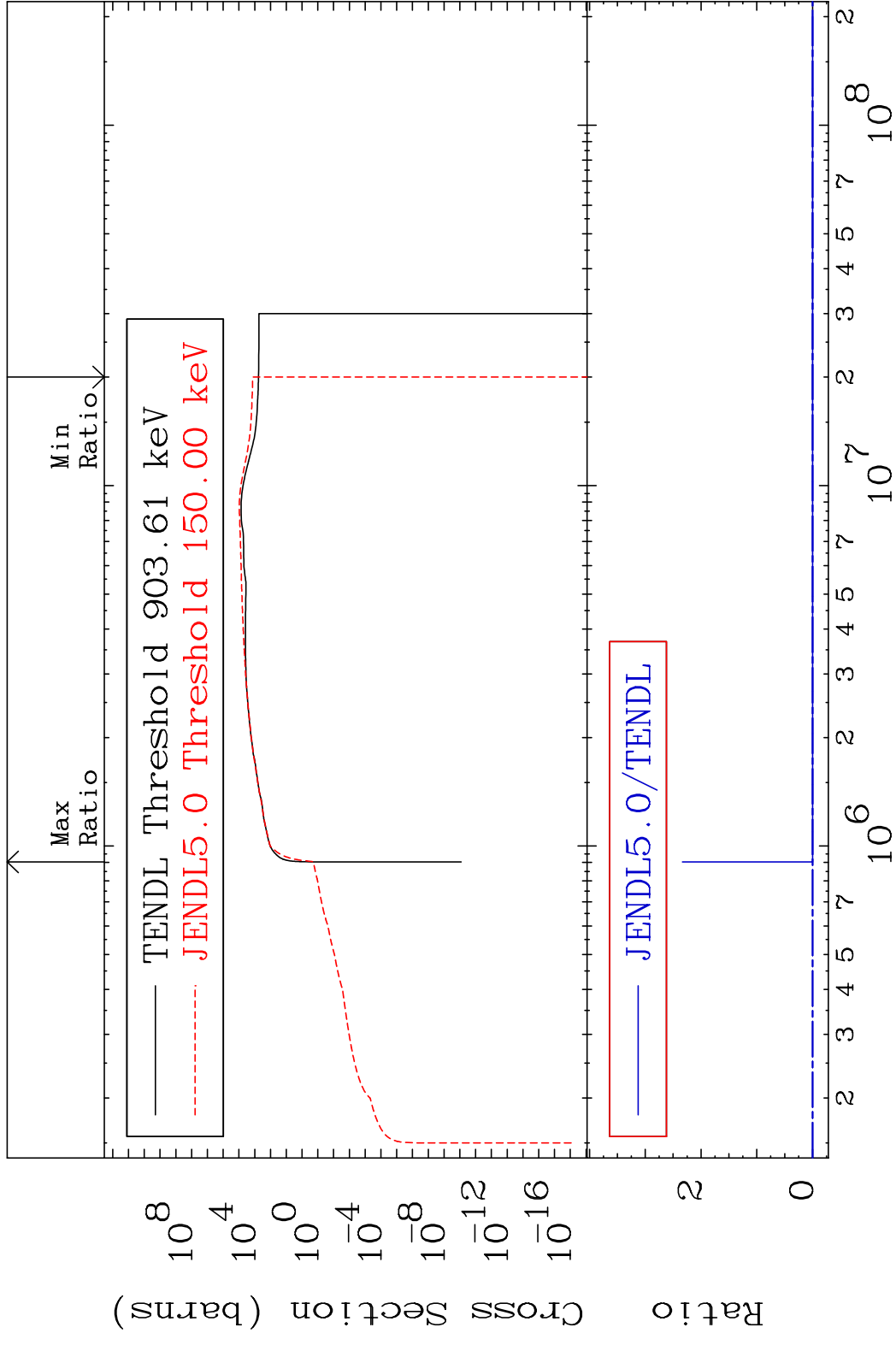


42

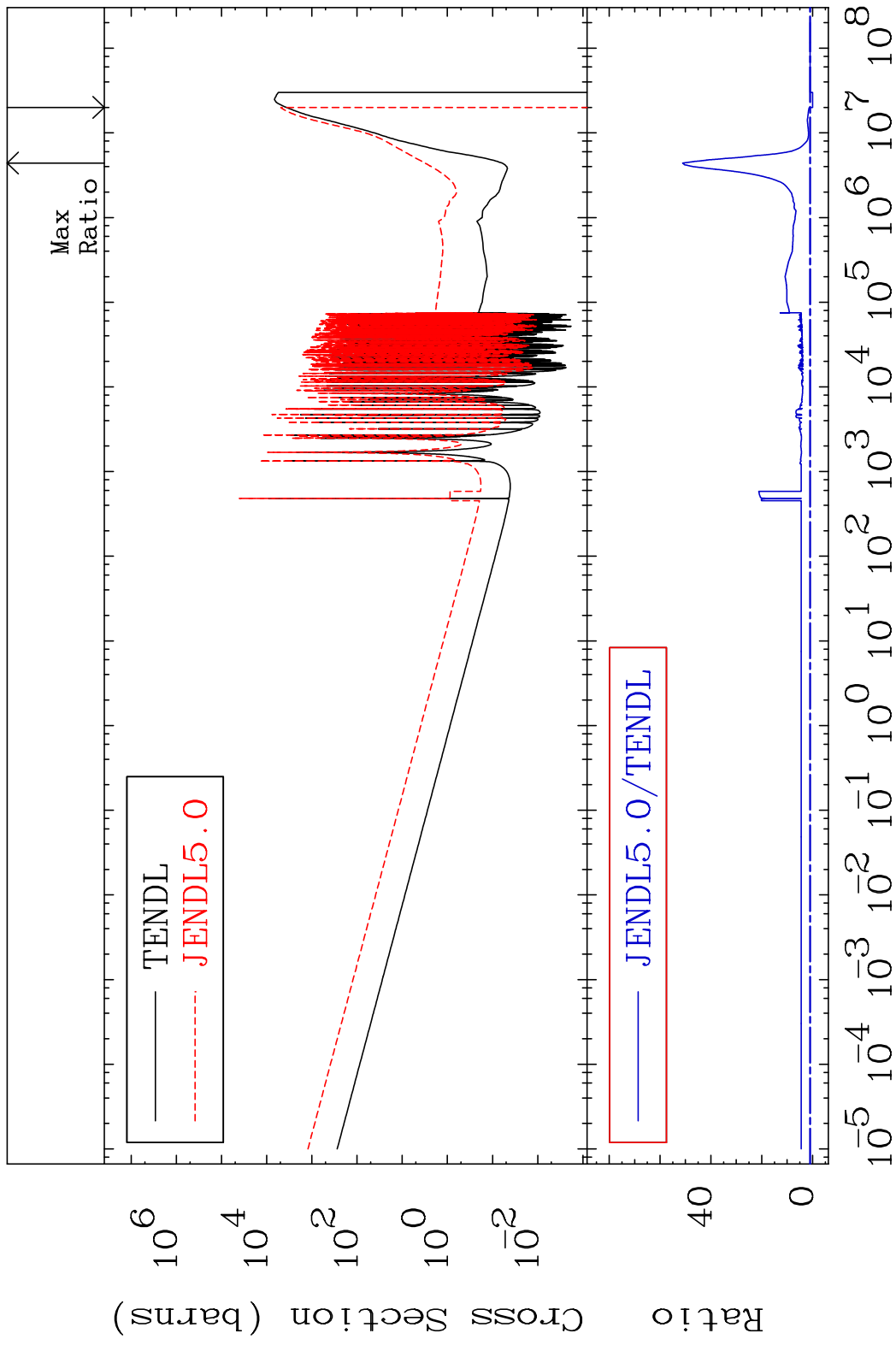
Incident Energy (eV)

82-Pb-204

MAT 8225 Dpa inelastic (mt51-91) 82-Pb-204  
 Cross Section -100.0 To 9999. %



MAT 8225 Dpa disappearance (mt102 -120) 82-Pb-204  
 Cross Section -100.0 To 5022. %

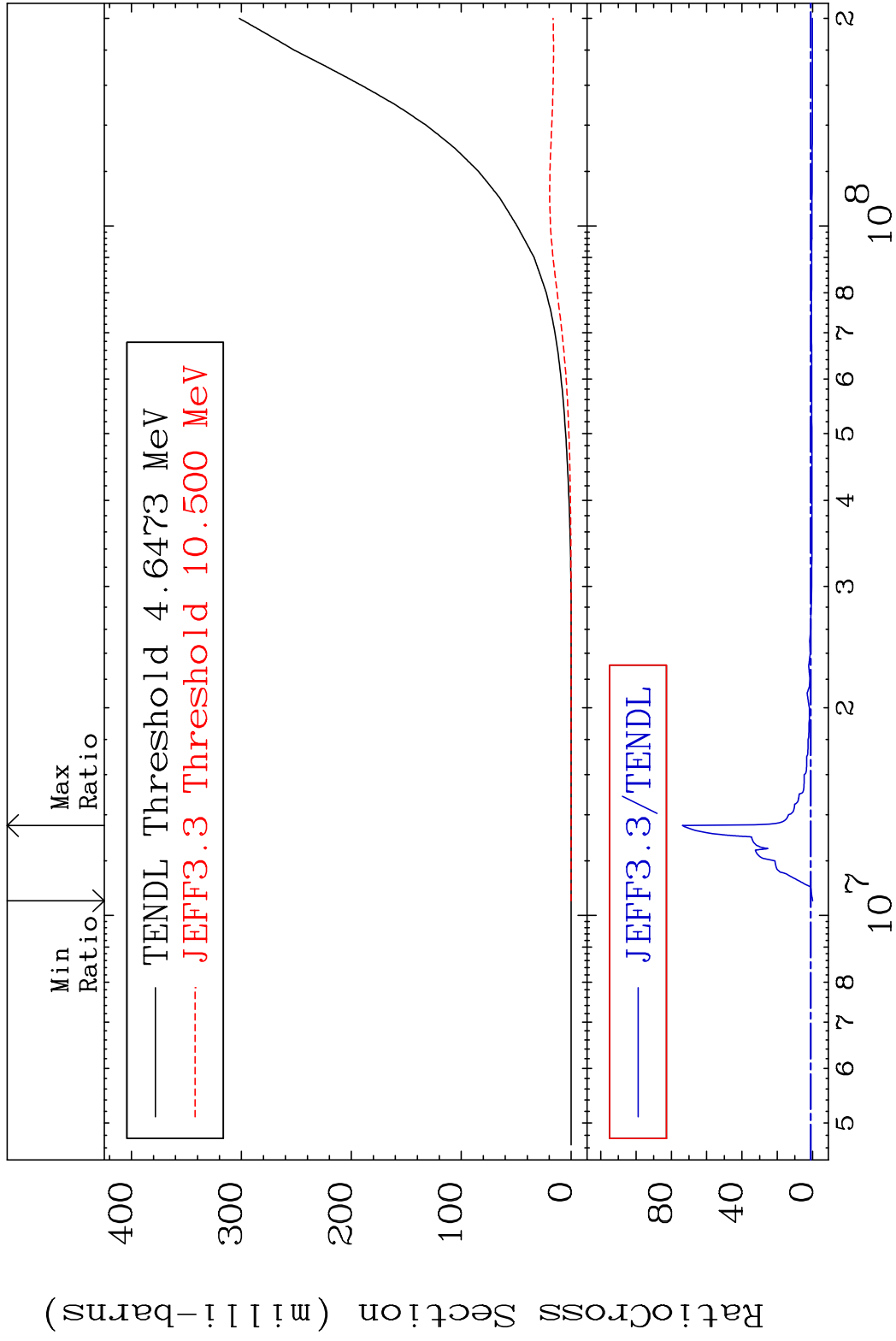


MAT 8225

He-3 Production

82-Pb-204

Cross Section -100.0 To 7276. %



45

Incident Energy (eV)

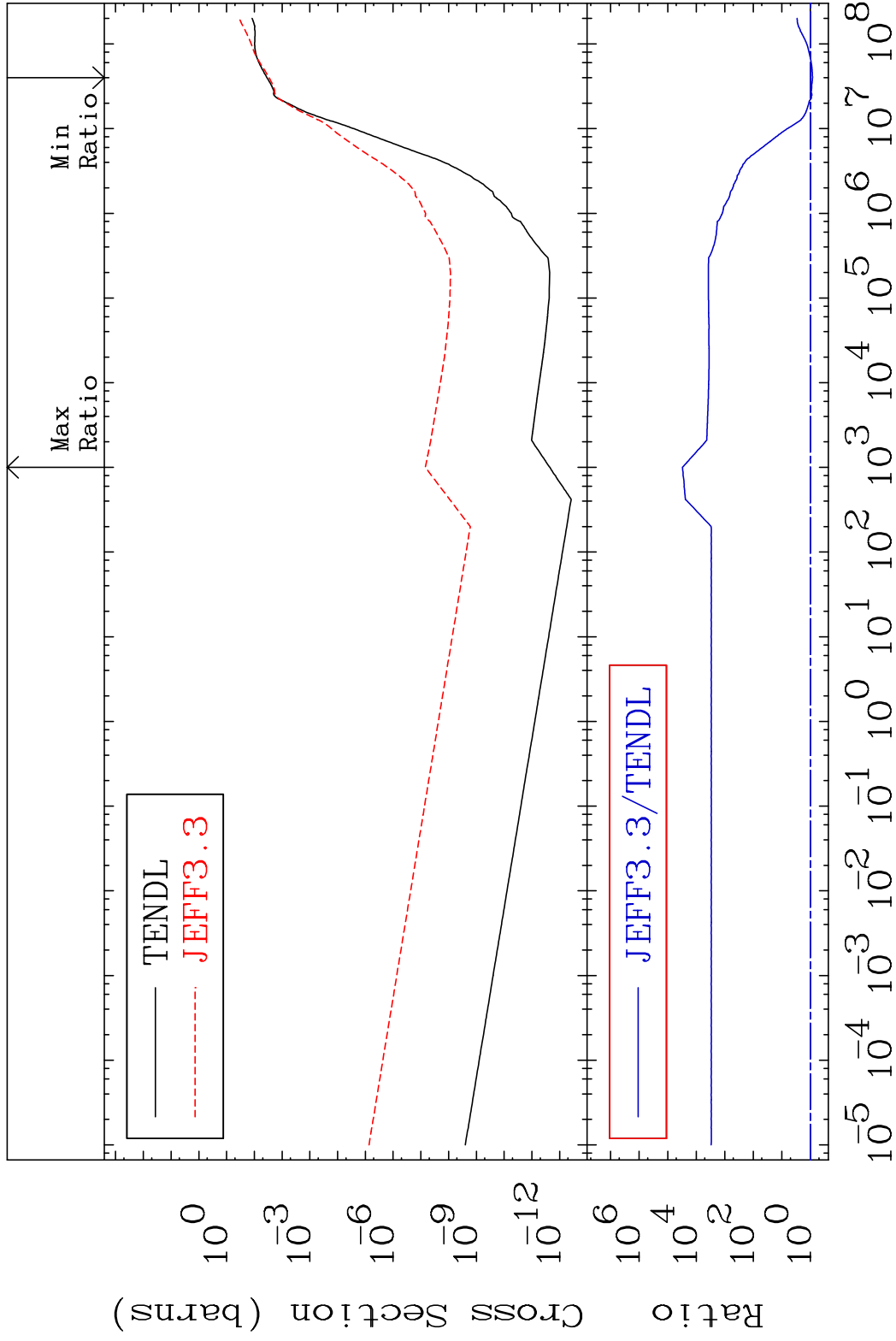
82-Pb-204

MAT 8225

He-4 Production

82-Pb-204

Cross Section -16.47 To 9999. %



46

Incident Energy (eV)

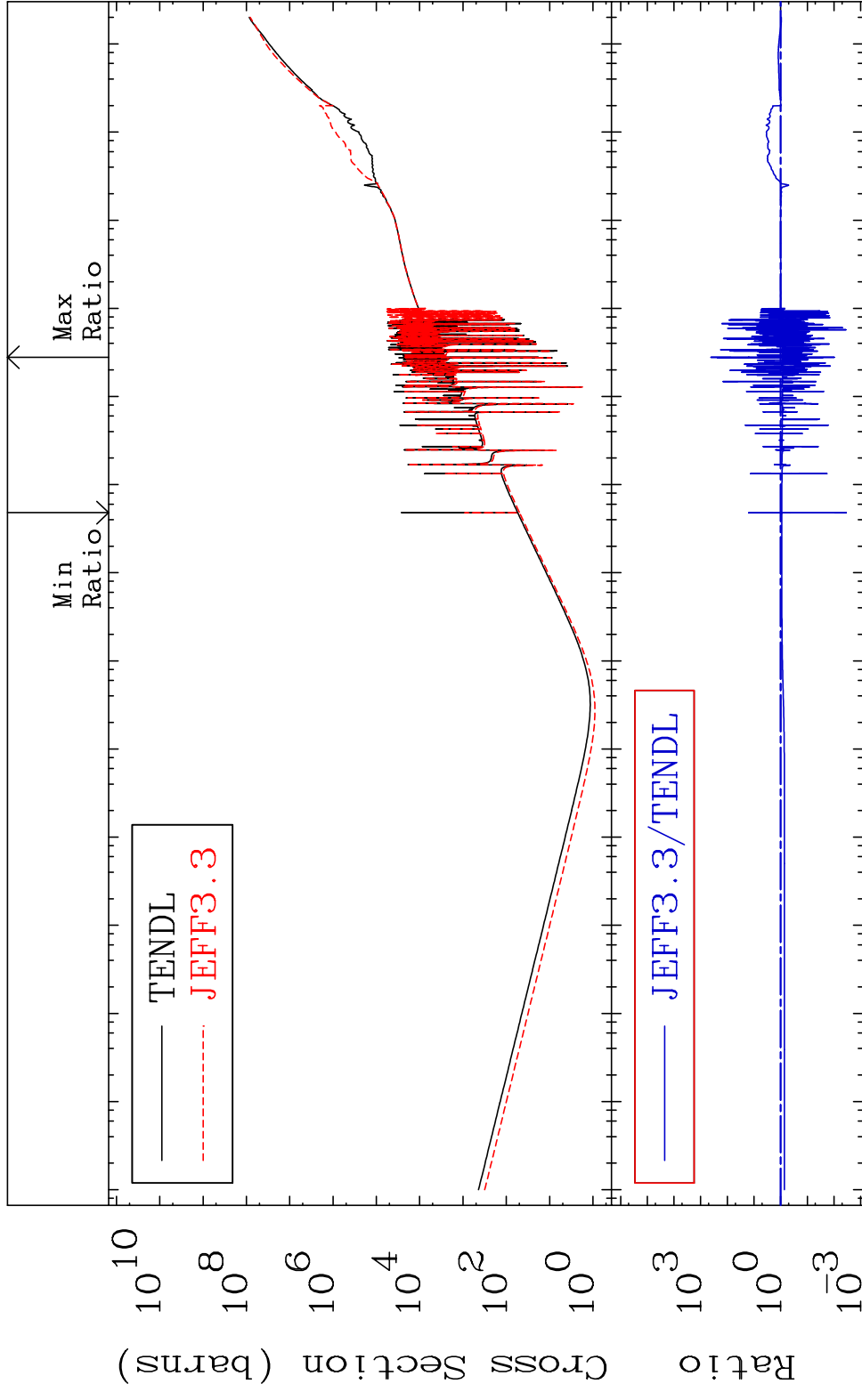
82-Pb-204

MAT 8225

Kerma total (eV-barns)

82-Pb-204

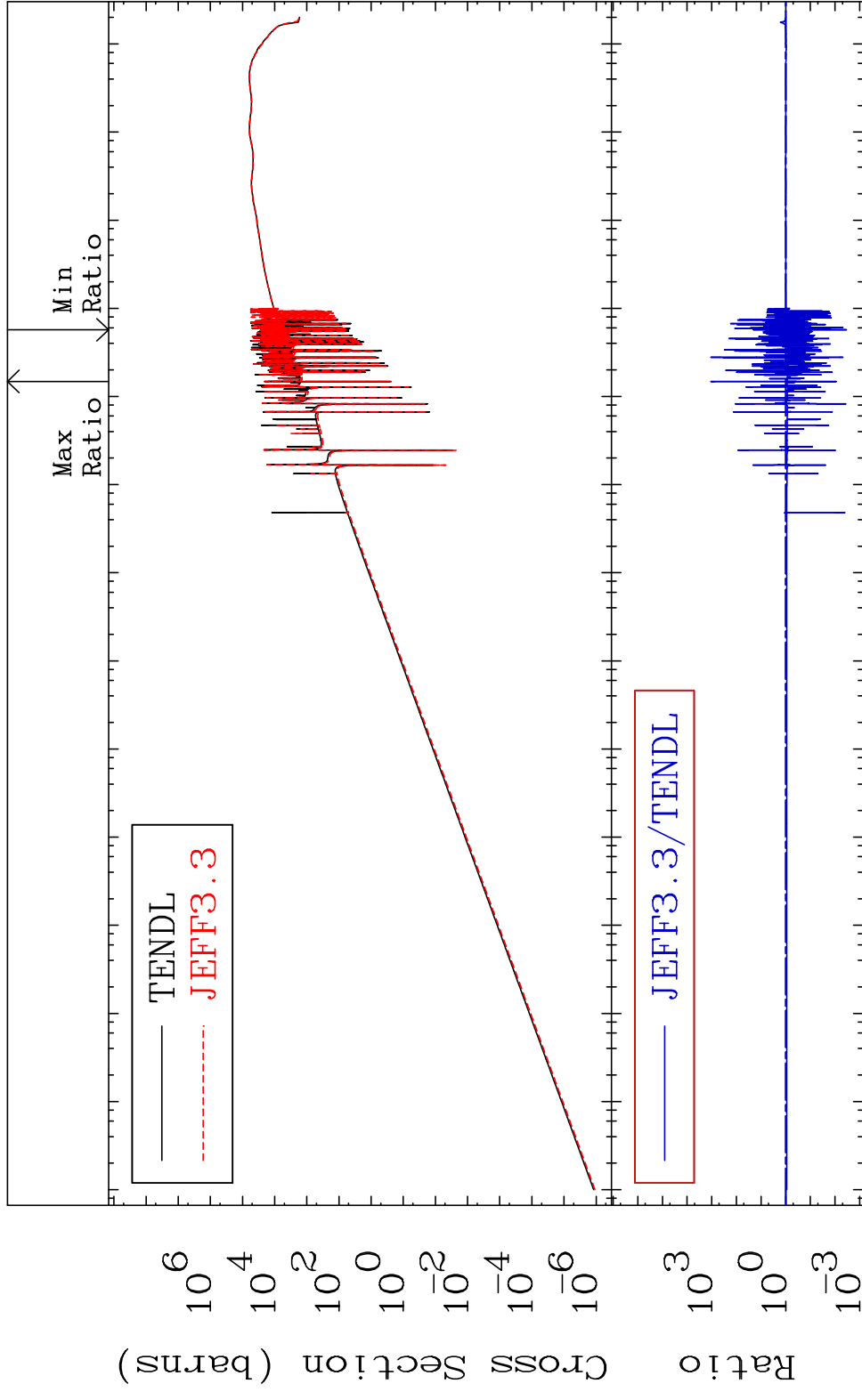
Cross Section -99.65 To 9999. %



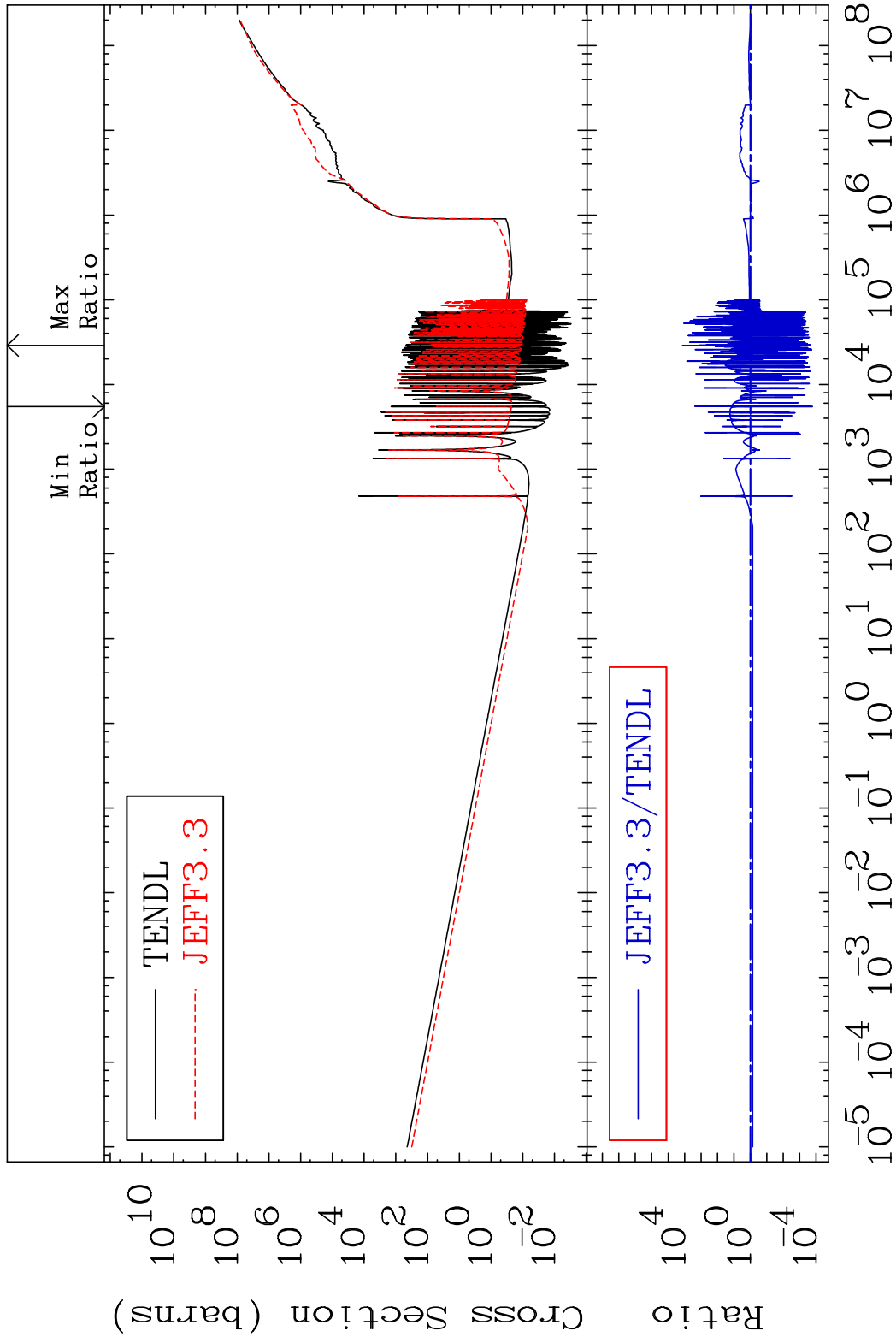
MAT 8225

Kerma elastic  
Cross Section -99.65 To 9999. %

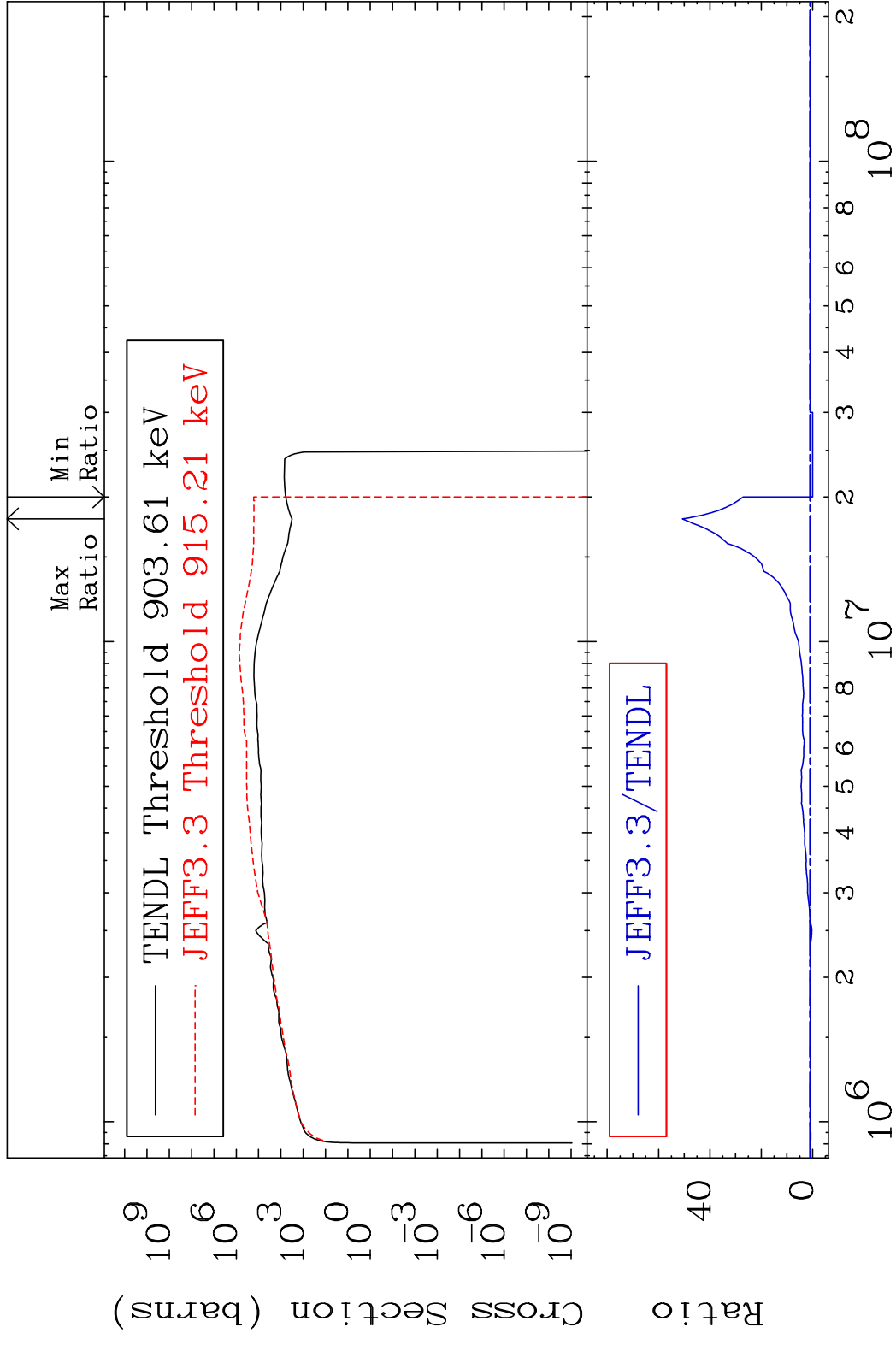
82-Pb-204



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

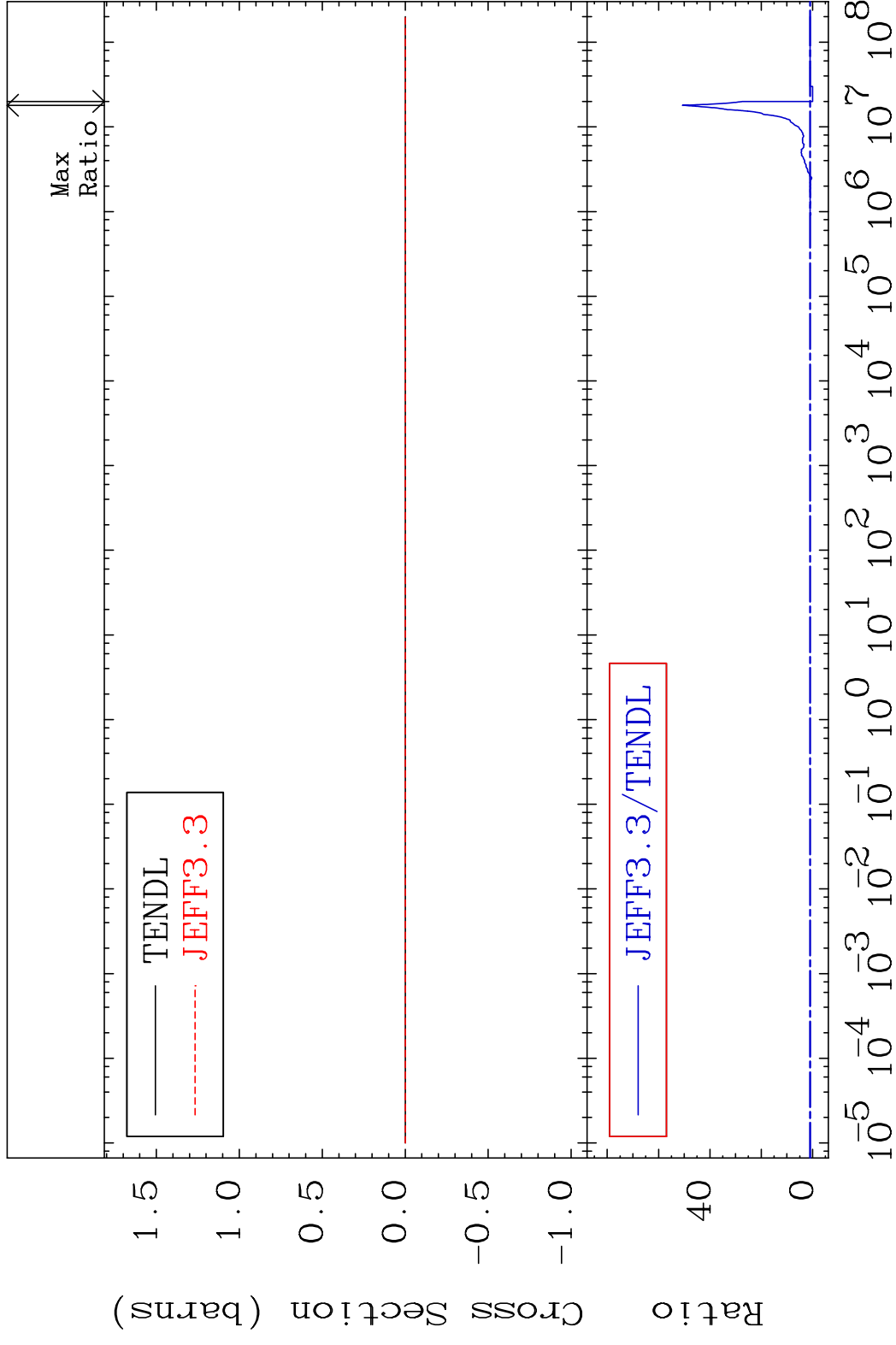


MAT 8225 Kerma inelastic (mt51-91) 82-Pb-204  
 Cross Section -100.0 To 4973. %



50 Incident Energy (eV) 82-Pb-204

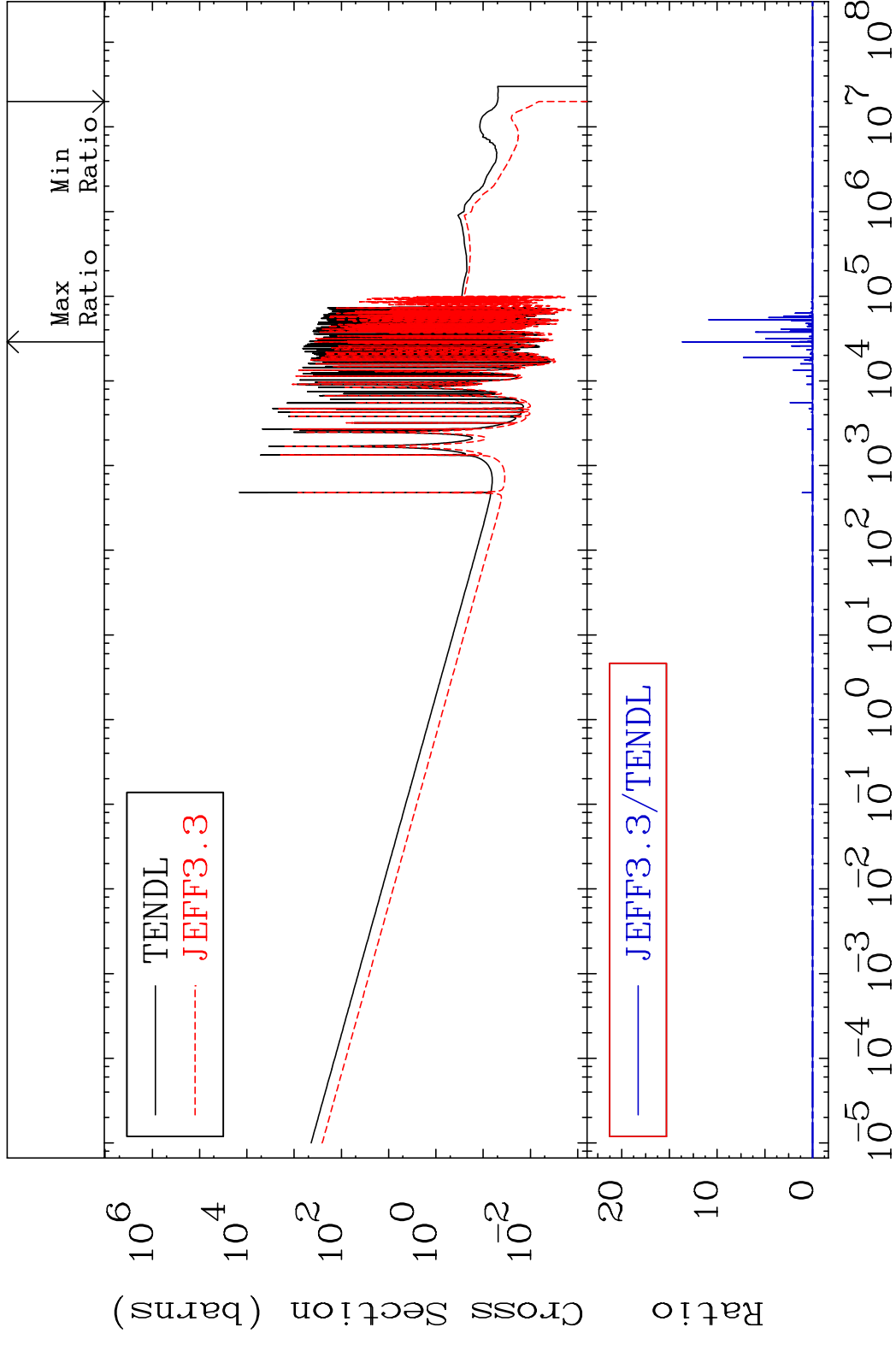
MAT 8225 Kerma fission (mt18 or mt19-20-21-38) $\beta$ 2-Pb-204  
 Cross Section -100.0 To 4973. %



MAT 8225

Kerma capture (mt102) 82-Pb-204

Cross Section -100.0 To 9999. %

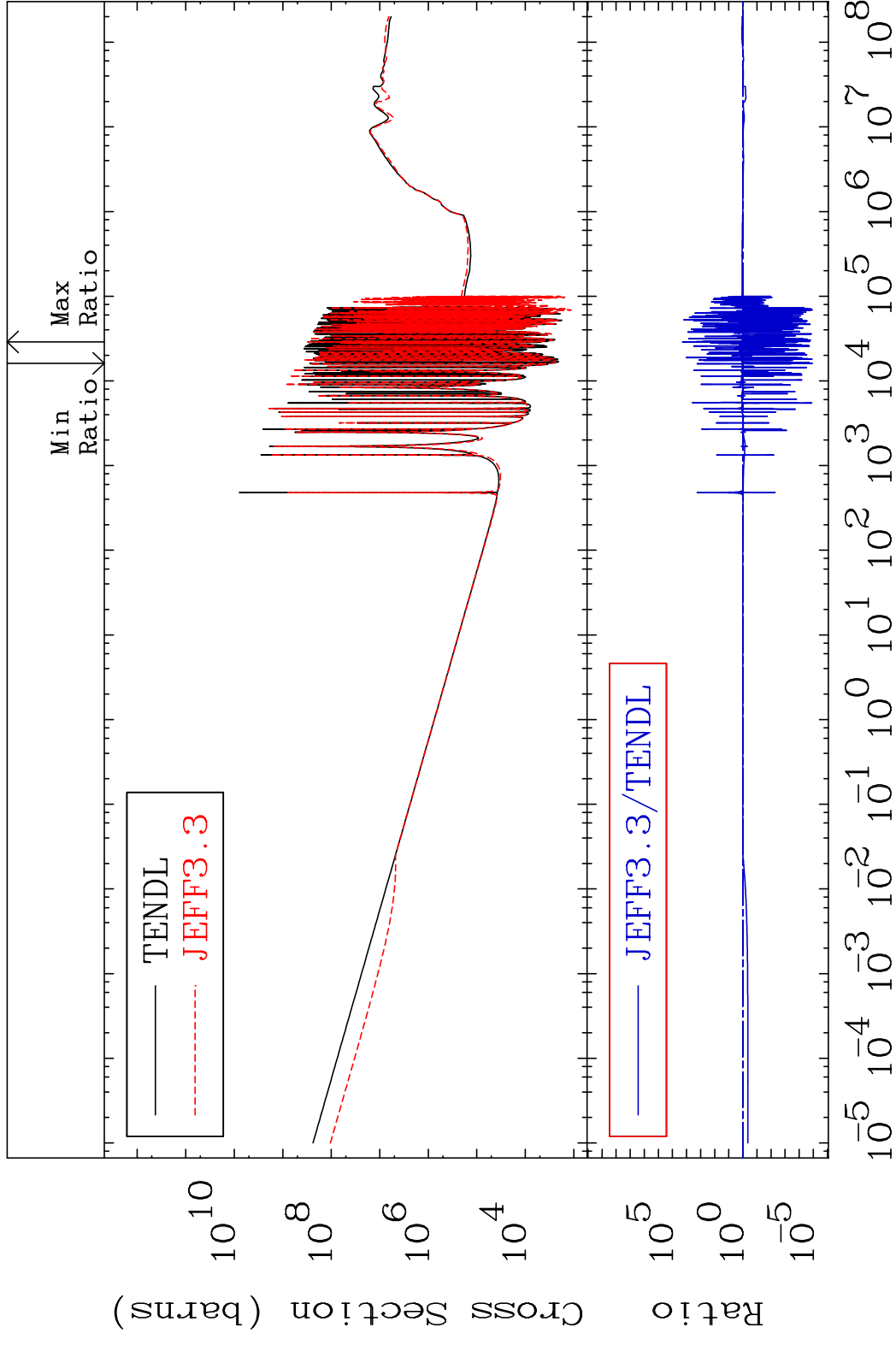


52

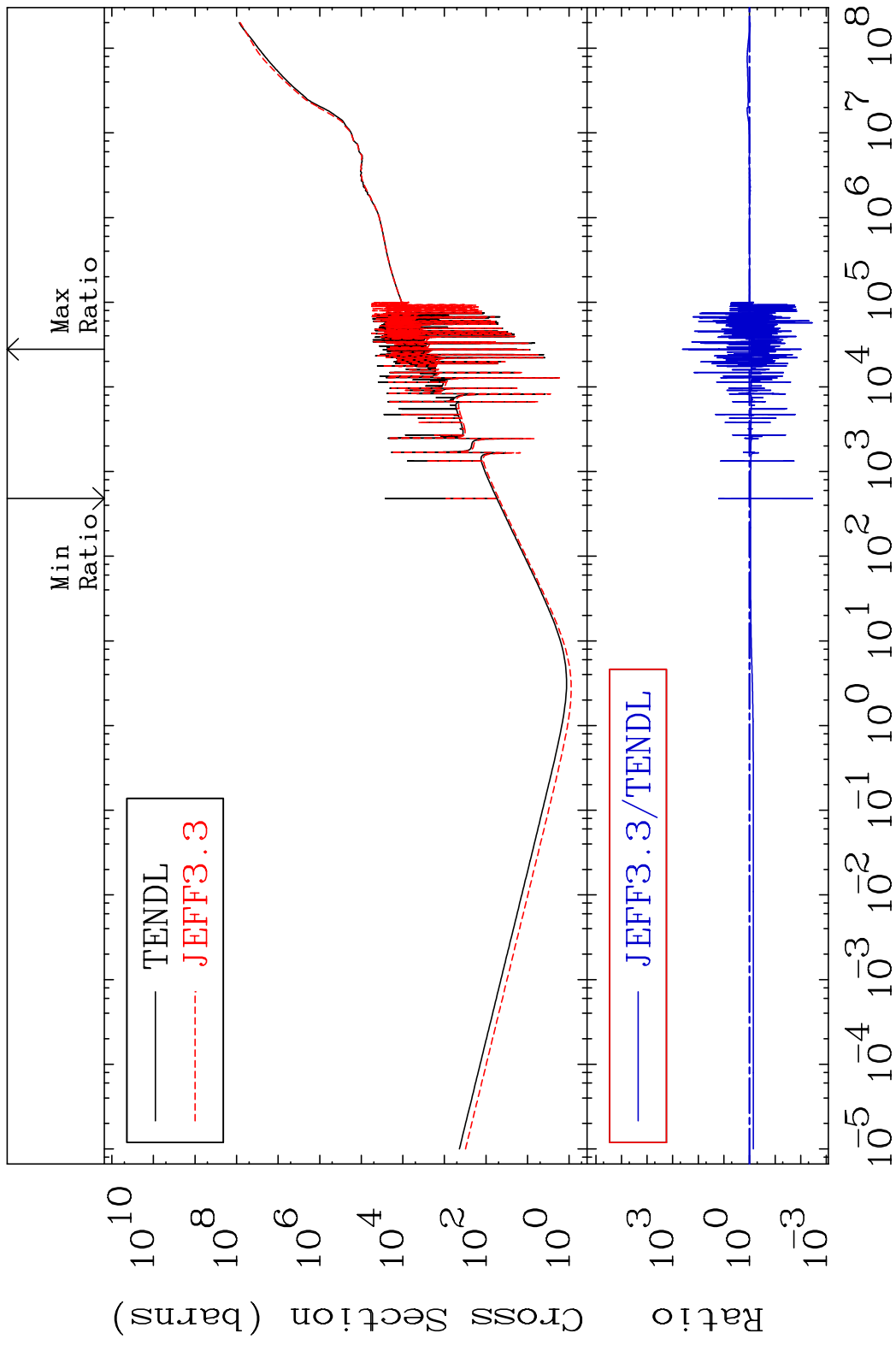
Incident Energy (eV)

82-Pb-204

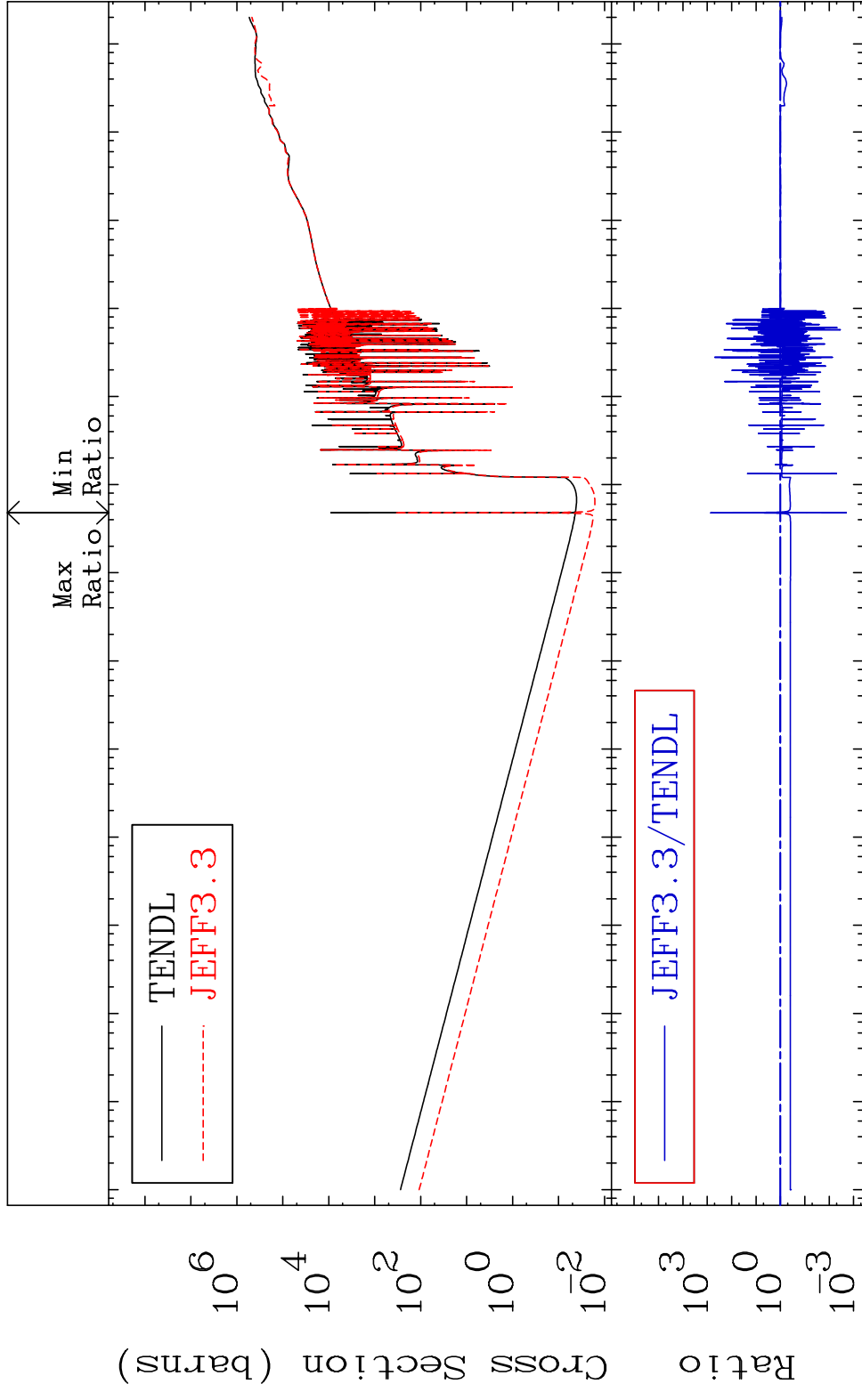
MAT 8225 Total photon (eV-barns) 82-Pb-204  
 Cross Section -100.0 To 9999. %



MAT 8225 Total kinematic kerma (high limit) 82-Pb-204  
 Cross Section -99.65 To 9999. %



MAT 8225      Dpa total (eV-barns)      82-Pb-204  
 Cross Section      -99.80 To 9999. %



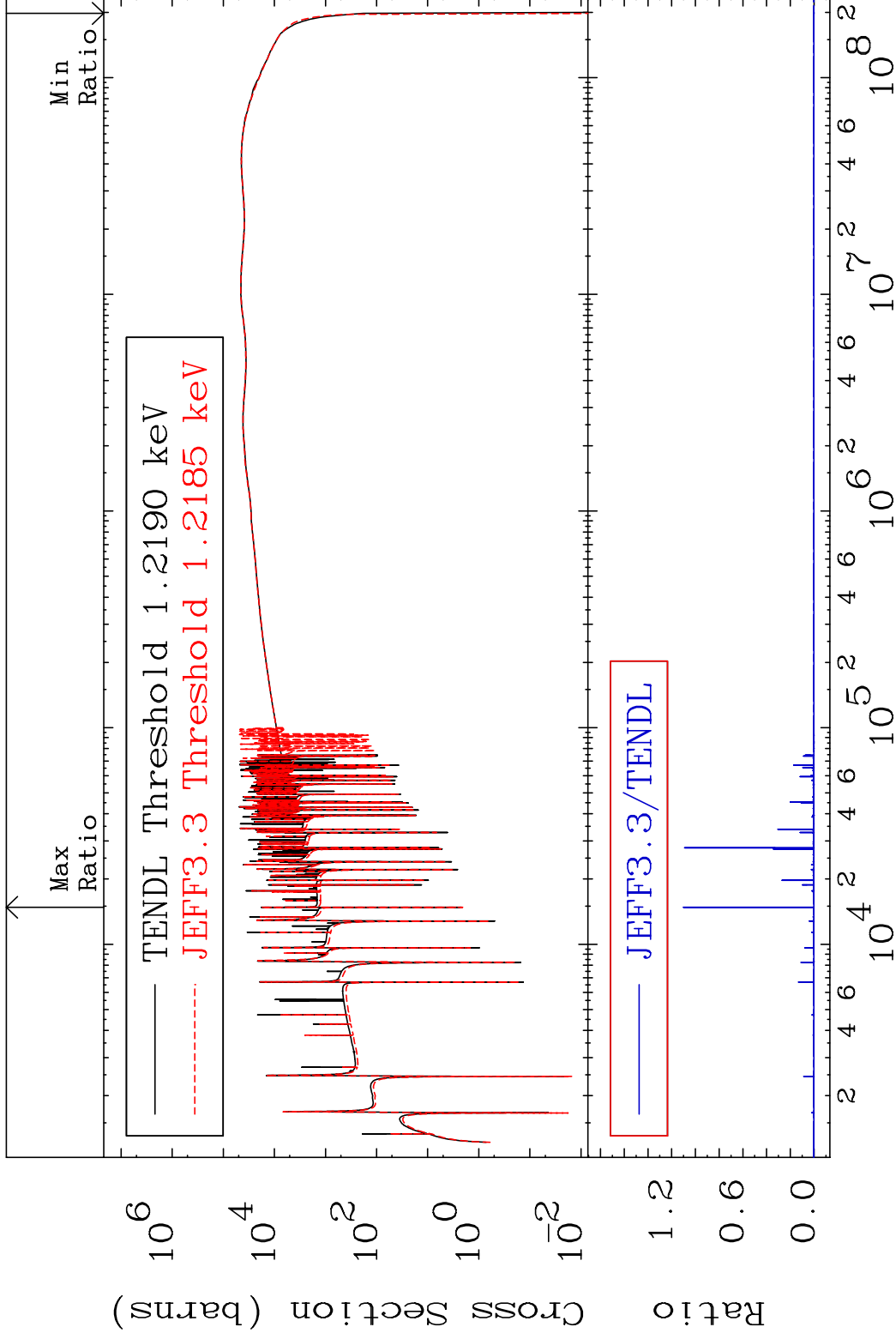
55      Incident Energy (eV)      82-Pb-204

MAT 8225

Dpa elastic (mt2)

82-Pb-204

Cross Section -100.0 To 9999. %



56

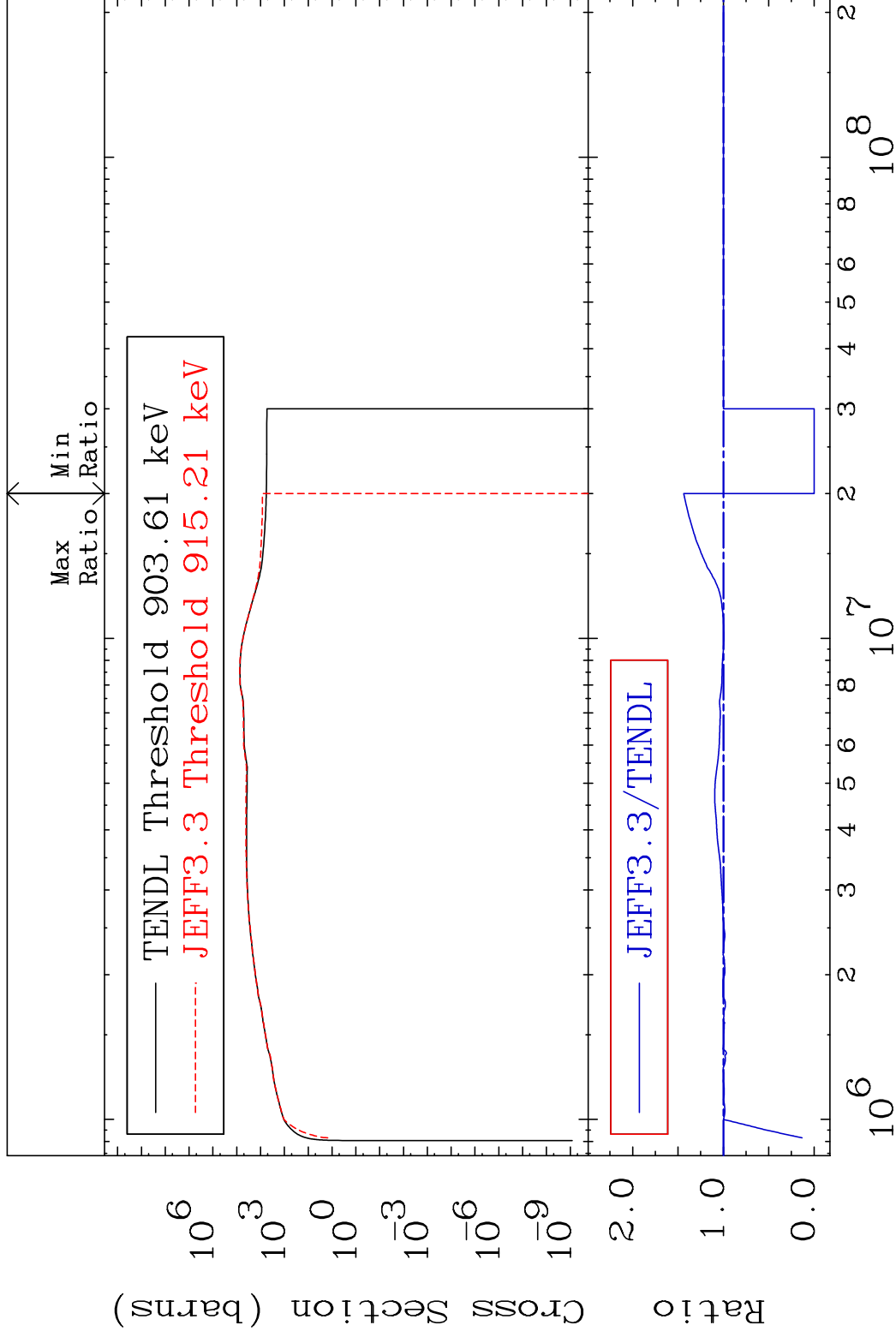
Incident Energy (eV)

82-Pb-204

MAT 8225

Dpa inelastic (mt51-91) 82-Pb-204

Cross Section -100.0 To 43.77 %

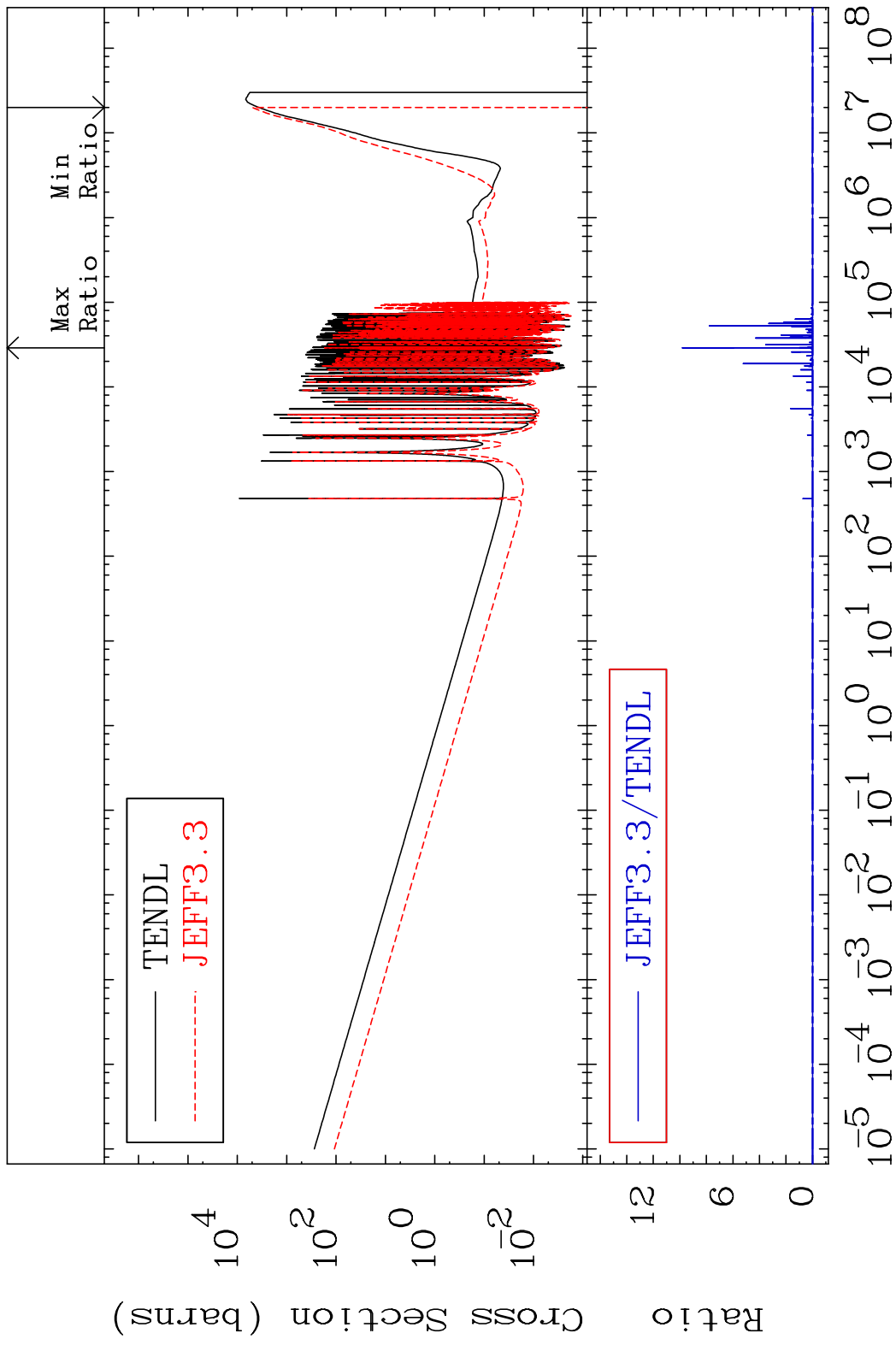


57

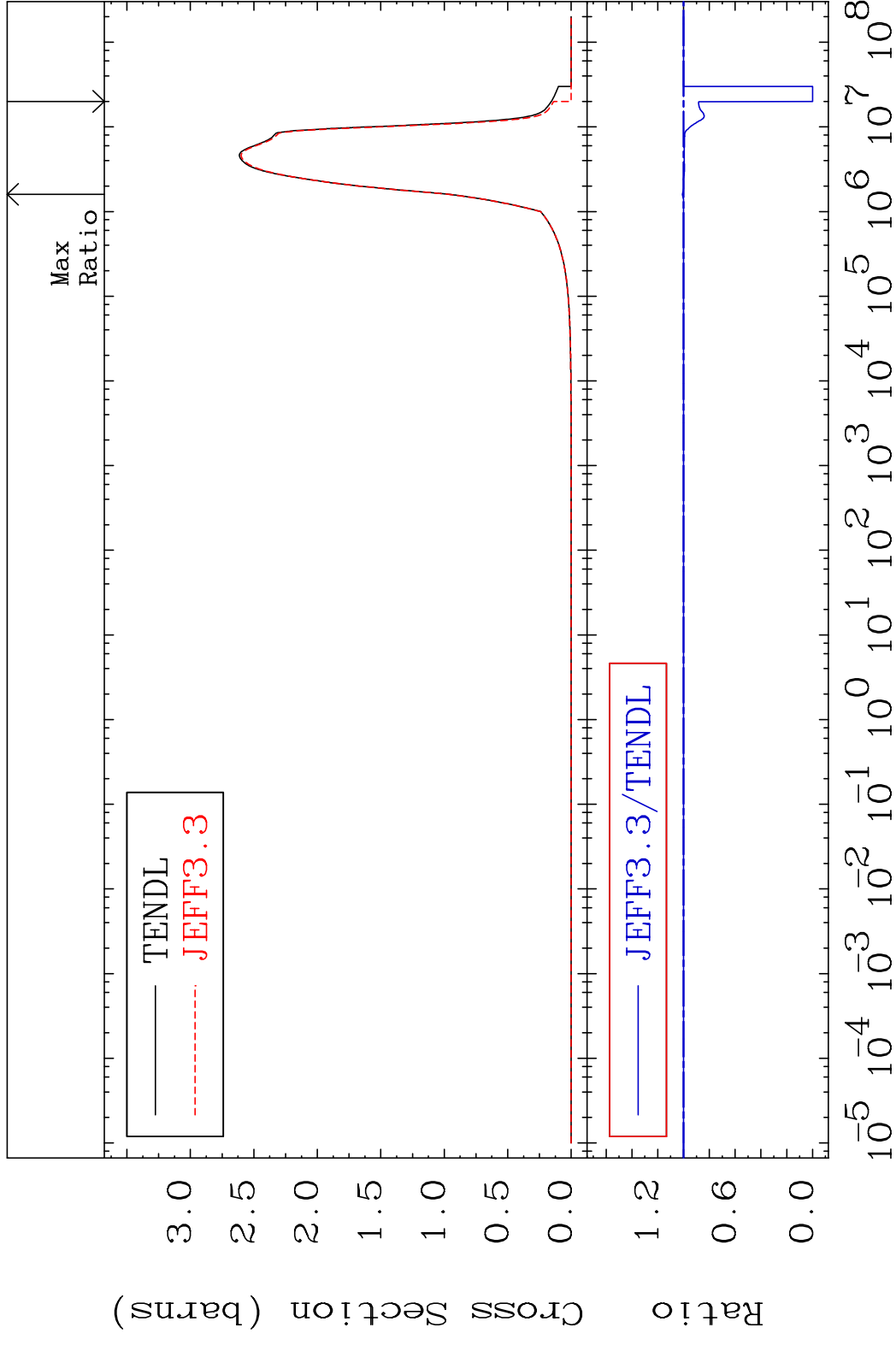
Incident Energy (eV)

82-Pb-204

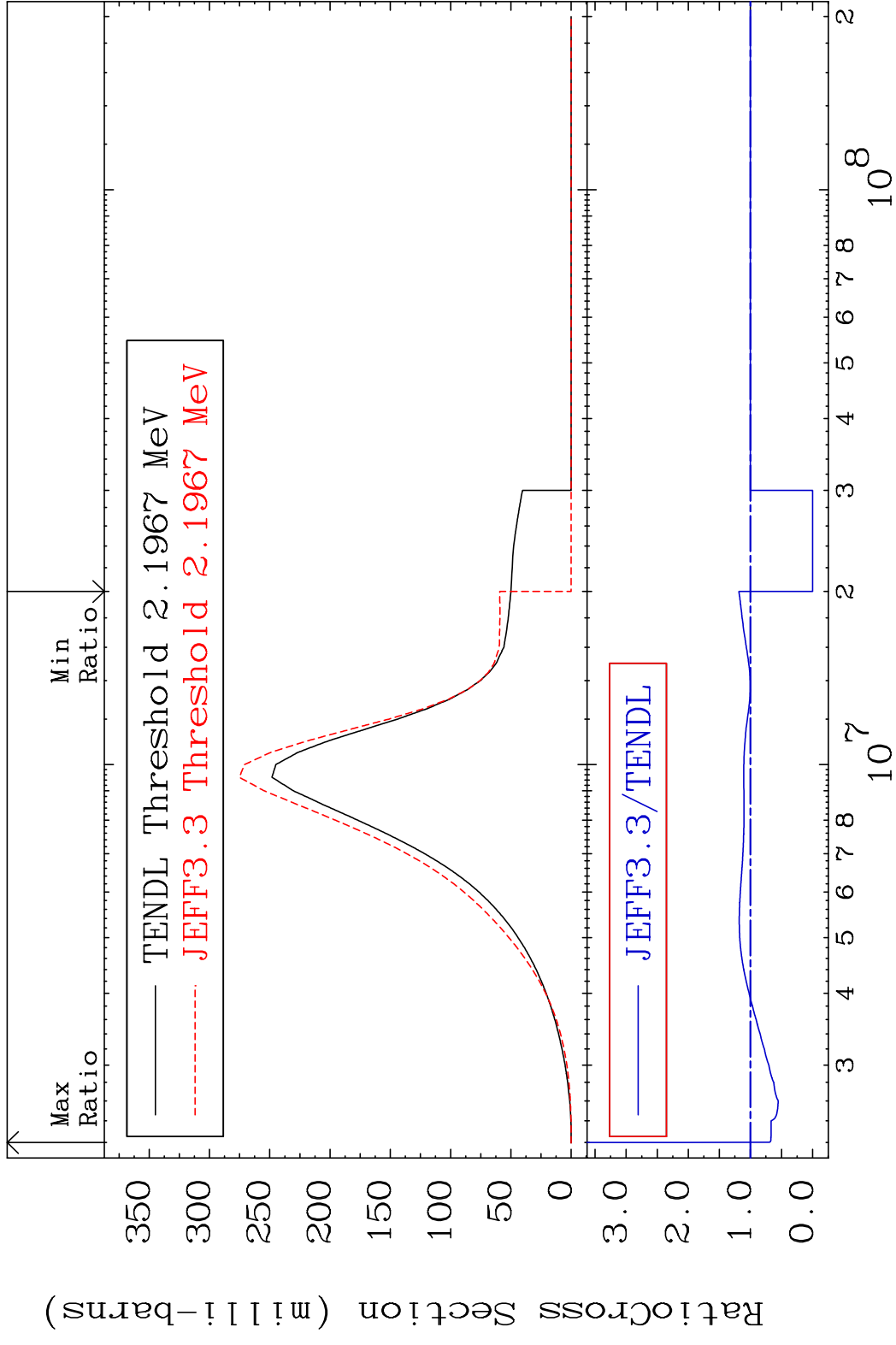
MAT 8225 Dpa disappearance (mt102 -120) 82-Pb-204  
 Cross Section -100.0 To 9999. %



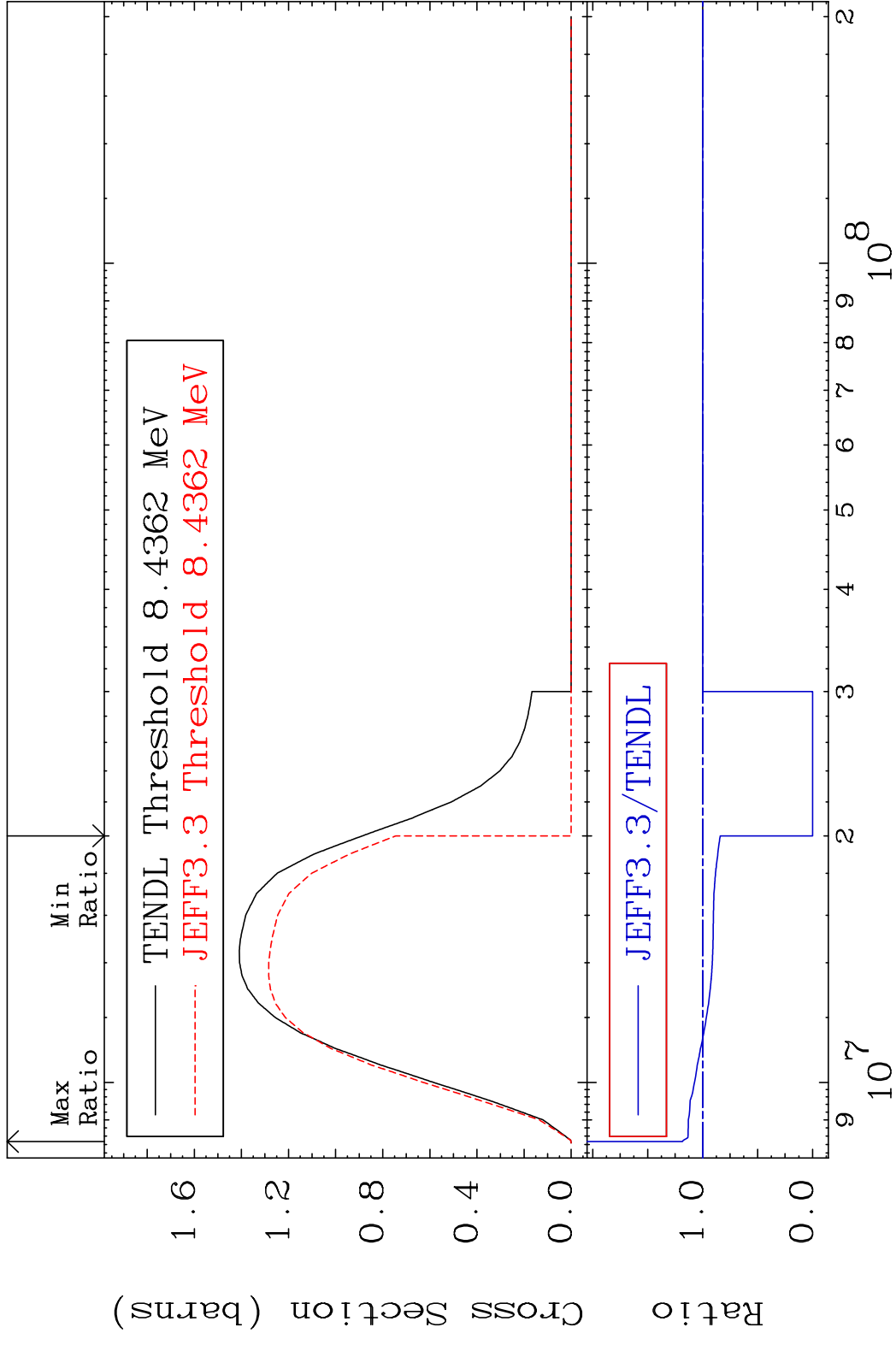
MAT 8225 Inelastic:82-Pb-204g 82-Pb-204  
 Radionuclide Production Cross Section 180.01 dth 0.920 %



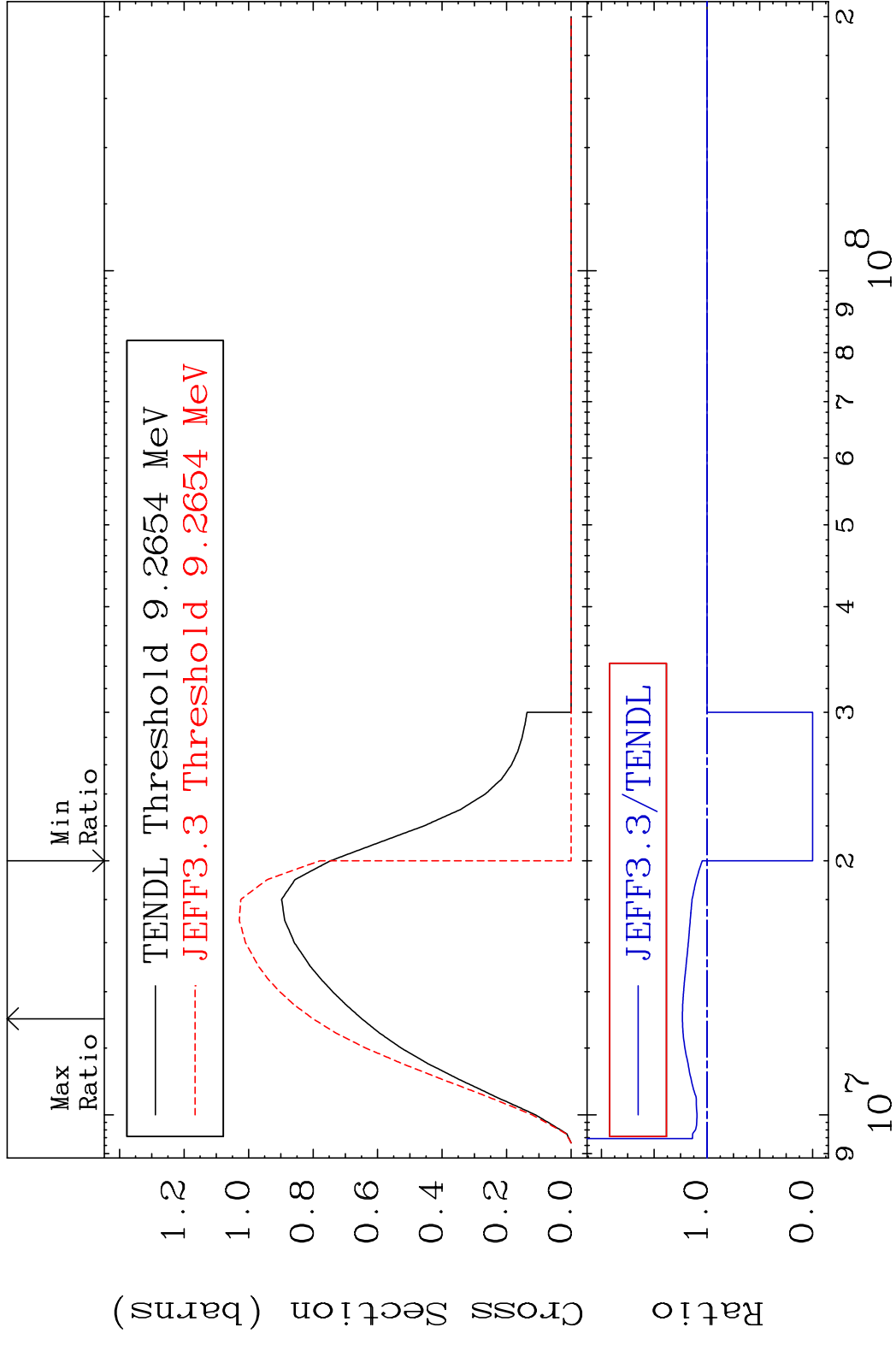
MAT 8225 Inelastic:82-Pb-204m21 82-Pb-204  
 Radionuclide Production Cross Section 100.0 dth 109.6 %



MAT 8225 (n,2n):82-Pb-203g 82-Pb-204  
 Radionuclide Production Cross Section 18.43 %



MAT 8225 (n, 2n): 82-Pb-203m6 82-Pb-204  
 Radionuclide Production Cross Section 180.01 dth 23.30 %



62 Incident Energy (eV) 82-Pb-204

