

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

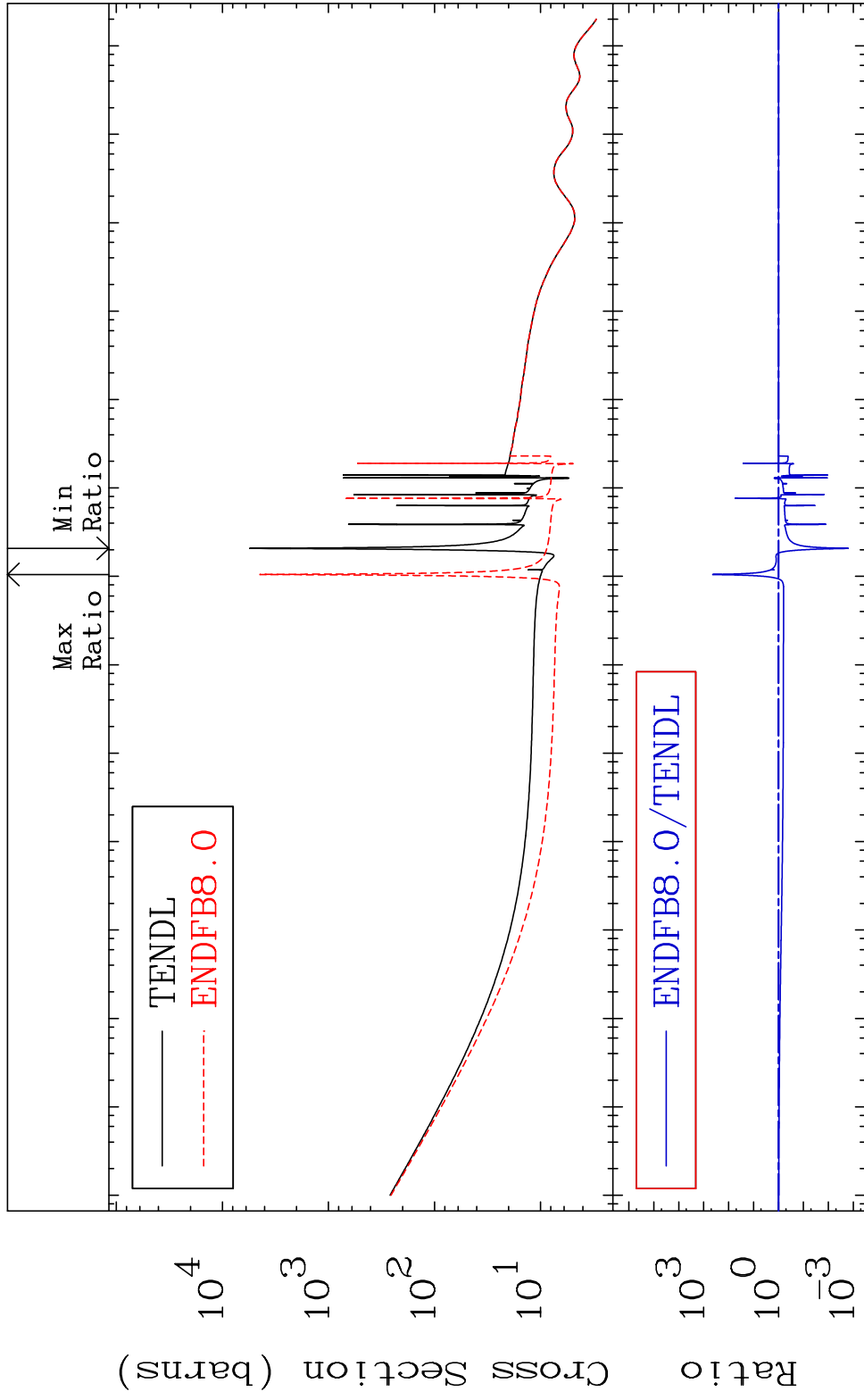
MAT 8228

Total

82-Pb-205

Cross Section

-99.84 To 9999. %



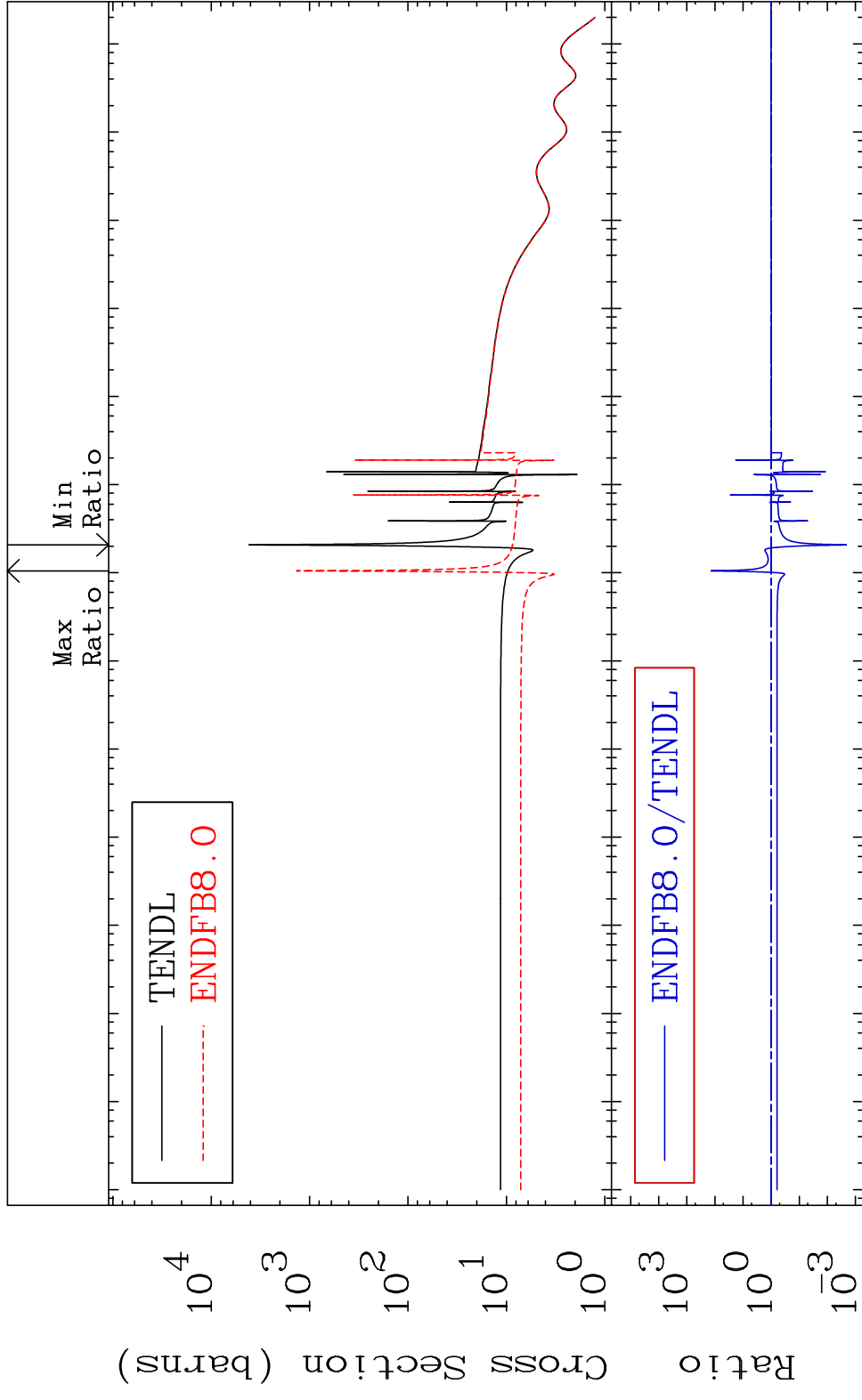
1

Incident Energy (eV)

82-Pb-205

MAT 8228

Elastic Cross Section -99.79 To 9999. %
82-Pb-205



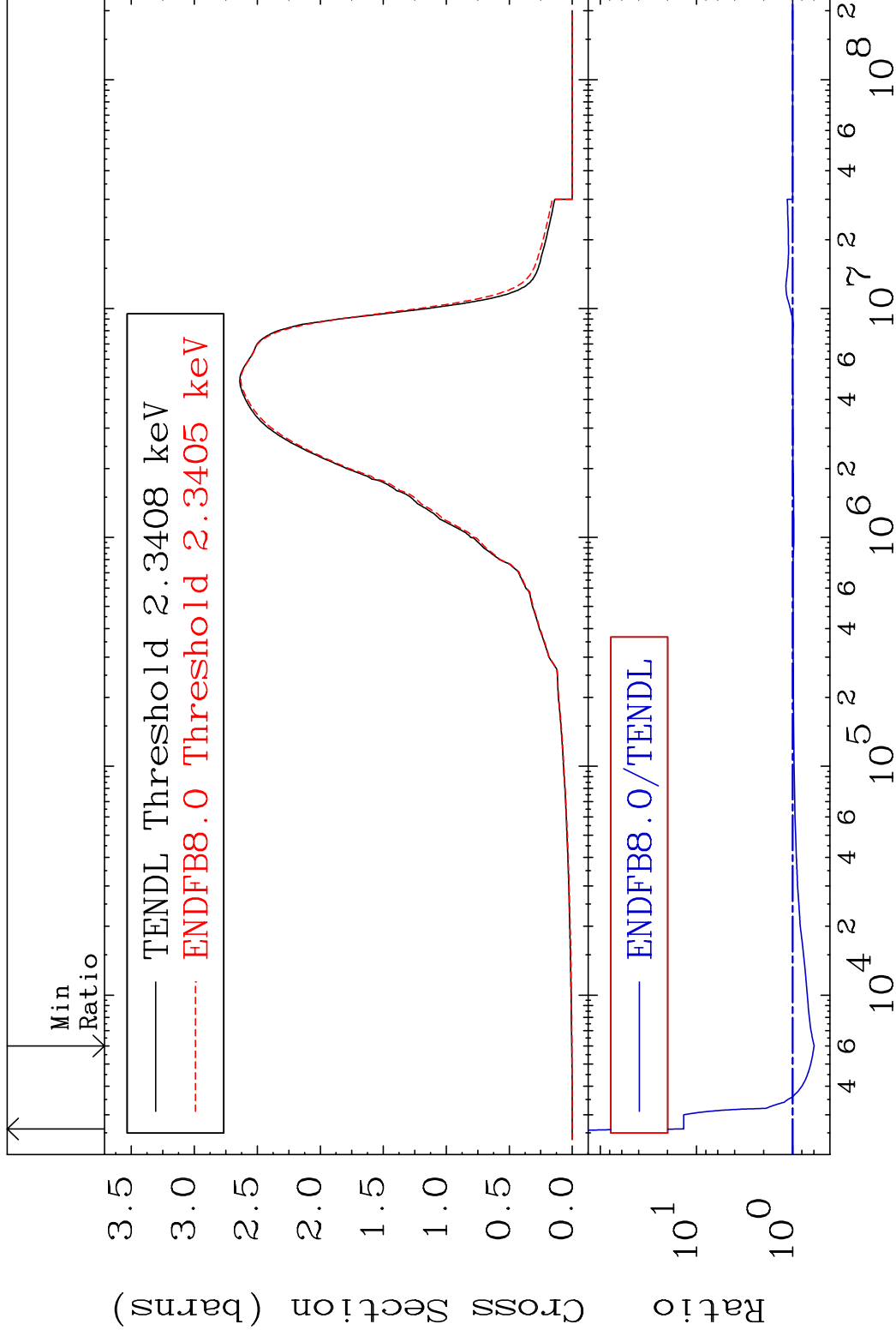
MAT 8228

Inelastic

82-Pb-205

Cross Section

-40.24 To 1259. %



3

Incident Energy (eV)

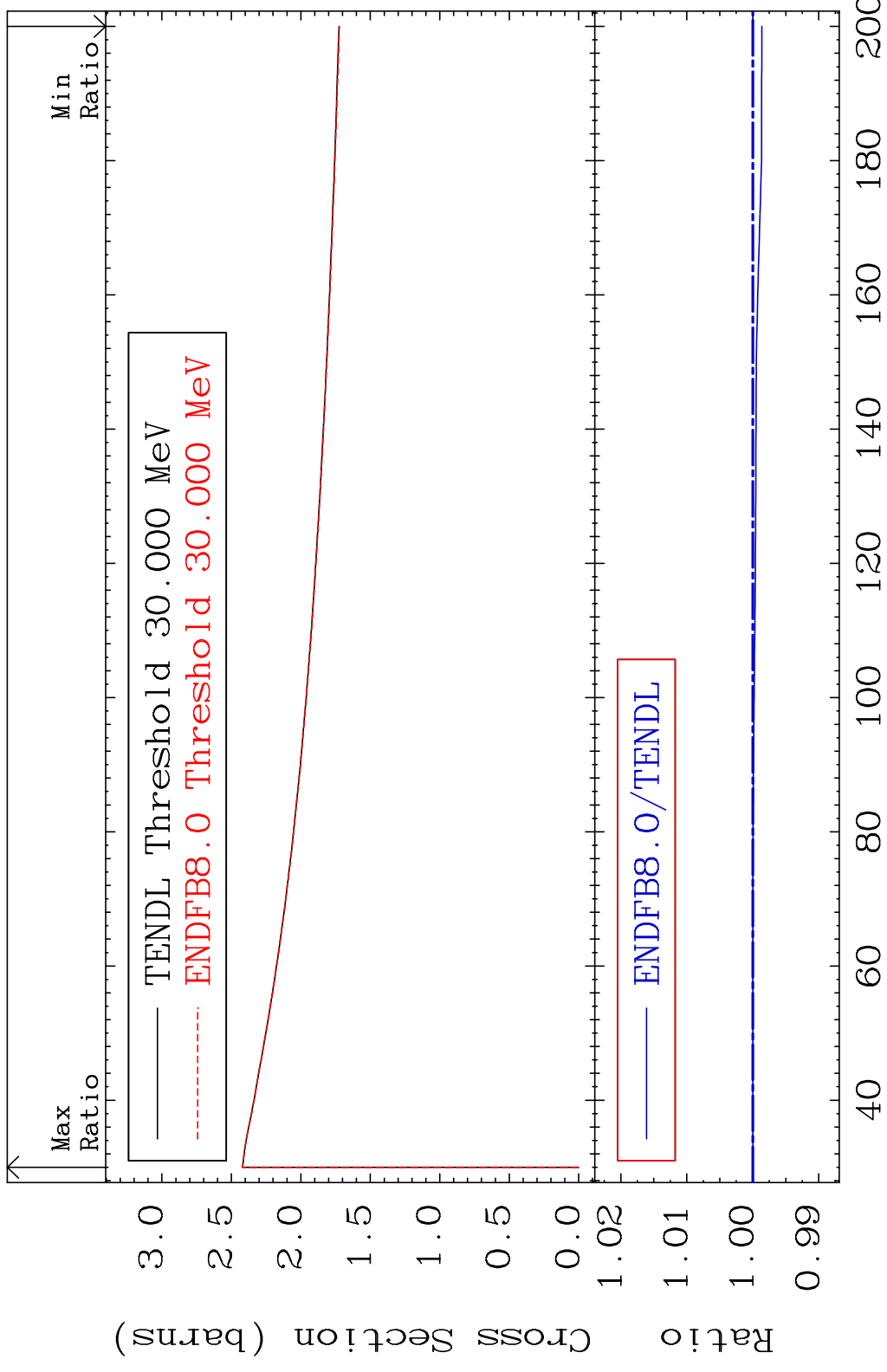
82-Pb-205

MAT 8228

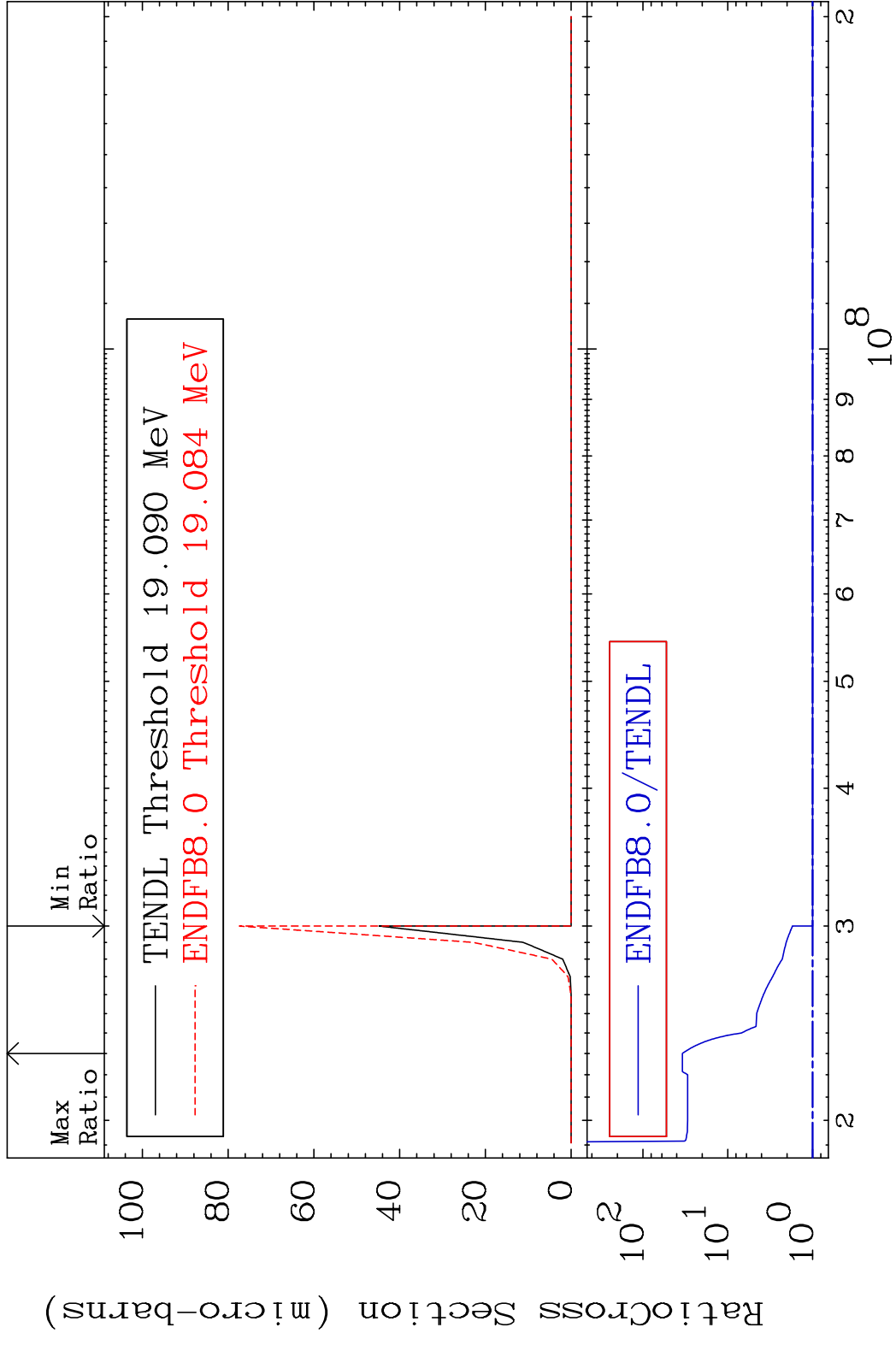
(n, remainder)

82-Pb-205

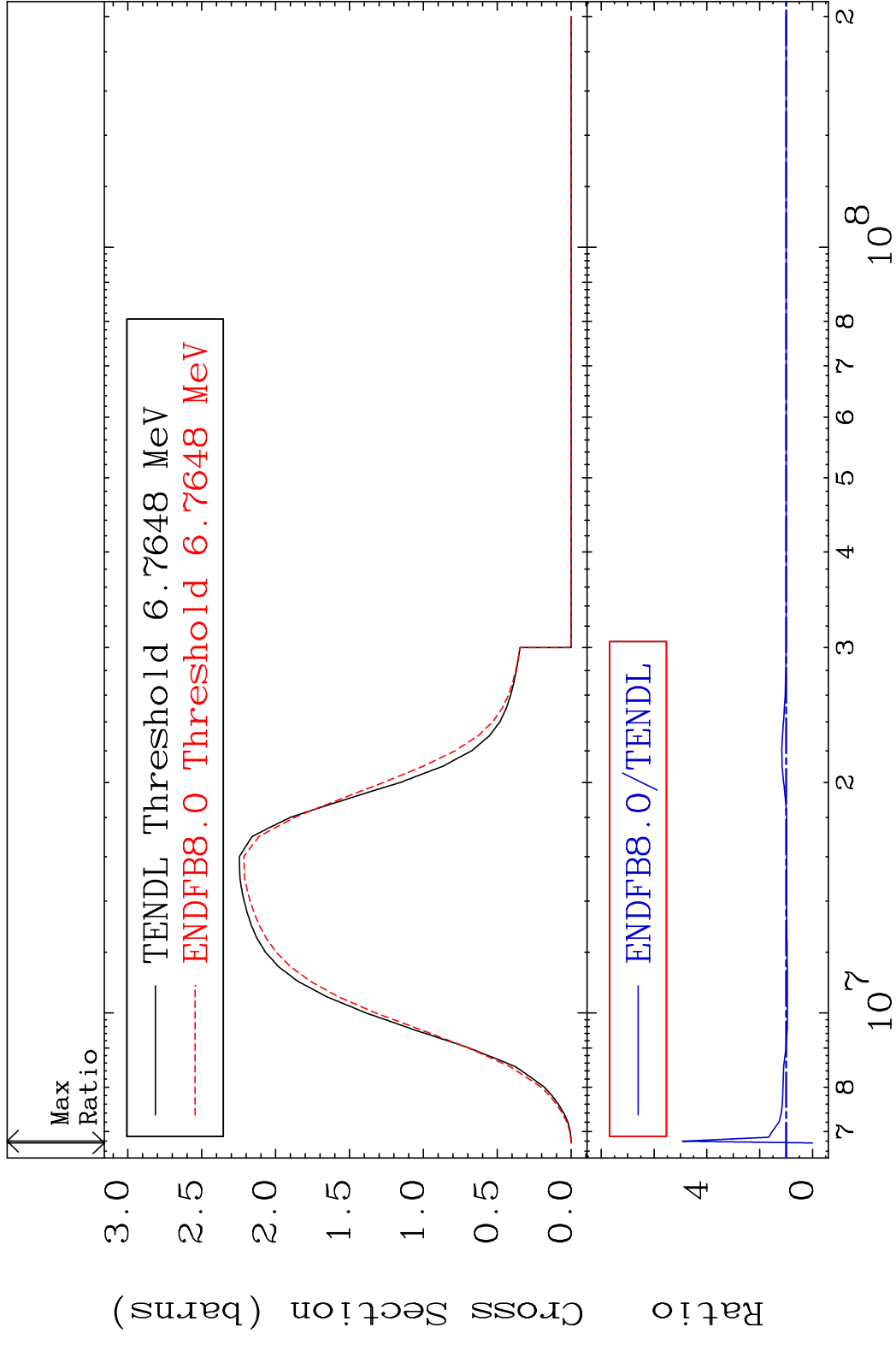
Cross Section -0.136 To 0.000 %



MAT 8228 (n,2n) d 82-Pb-205
 Cross Section 0.000 To 3331. %

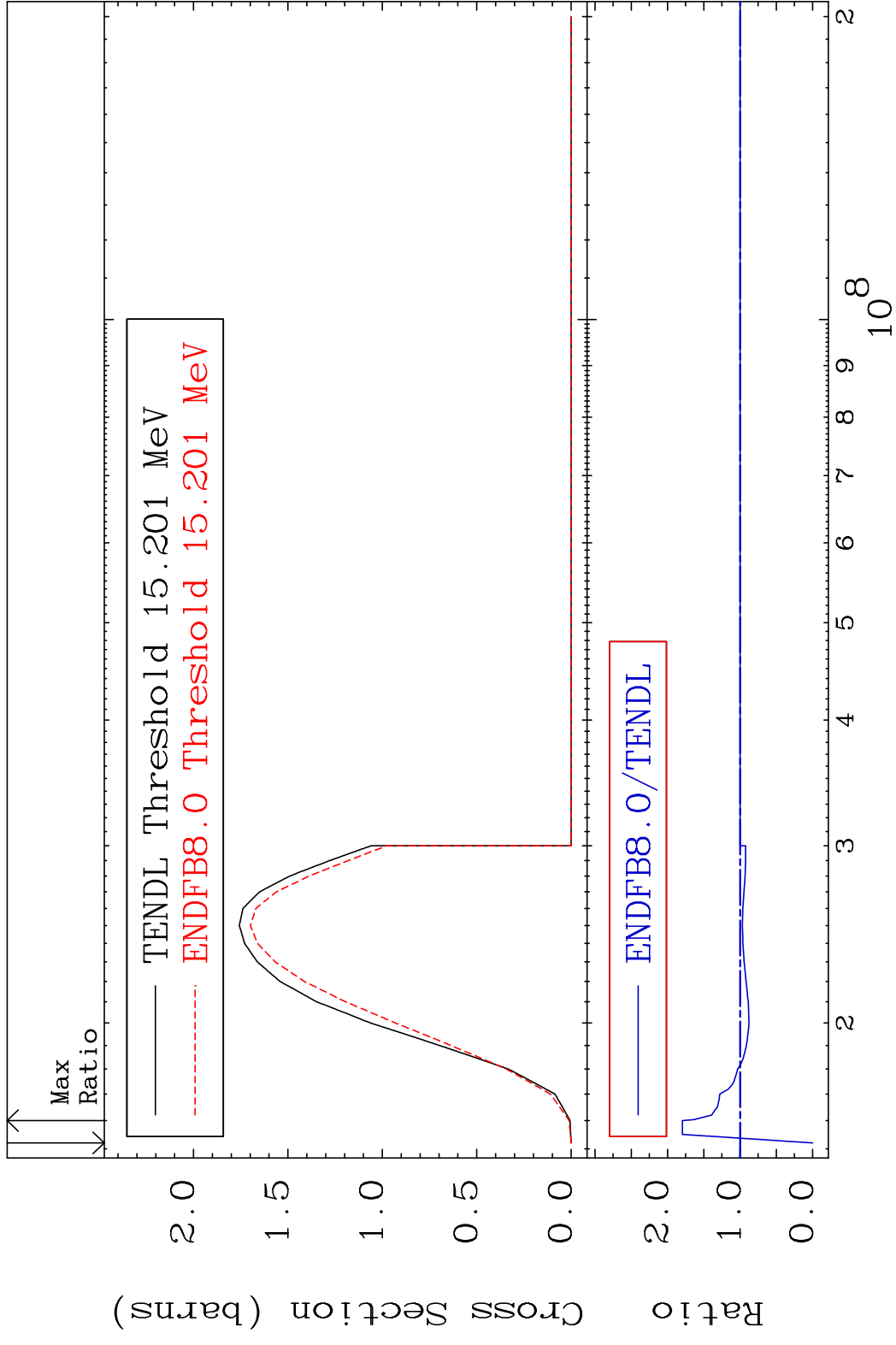


MAT 8228 (n,2n) 82-Pb-205
 Cross Section -100.0 To 392.8 %



6 Incident Energy (eV) 82-Pb-205

MAT 8228 (n,3n) 82-Pb-205
 Cross Section -100.0 To 79.49 %

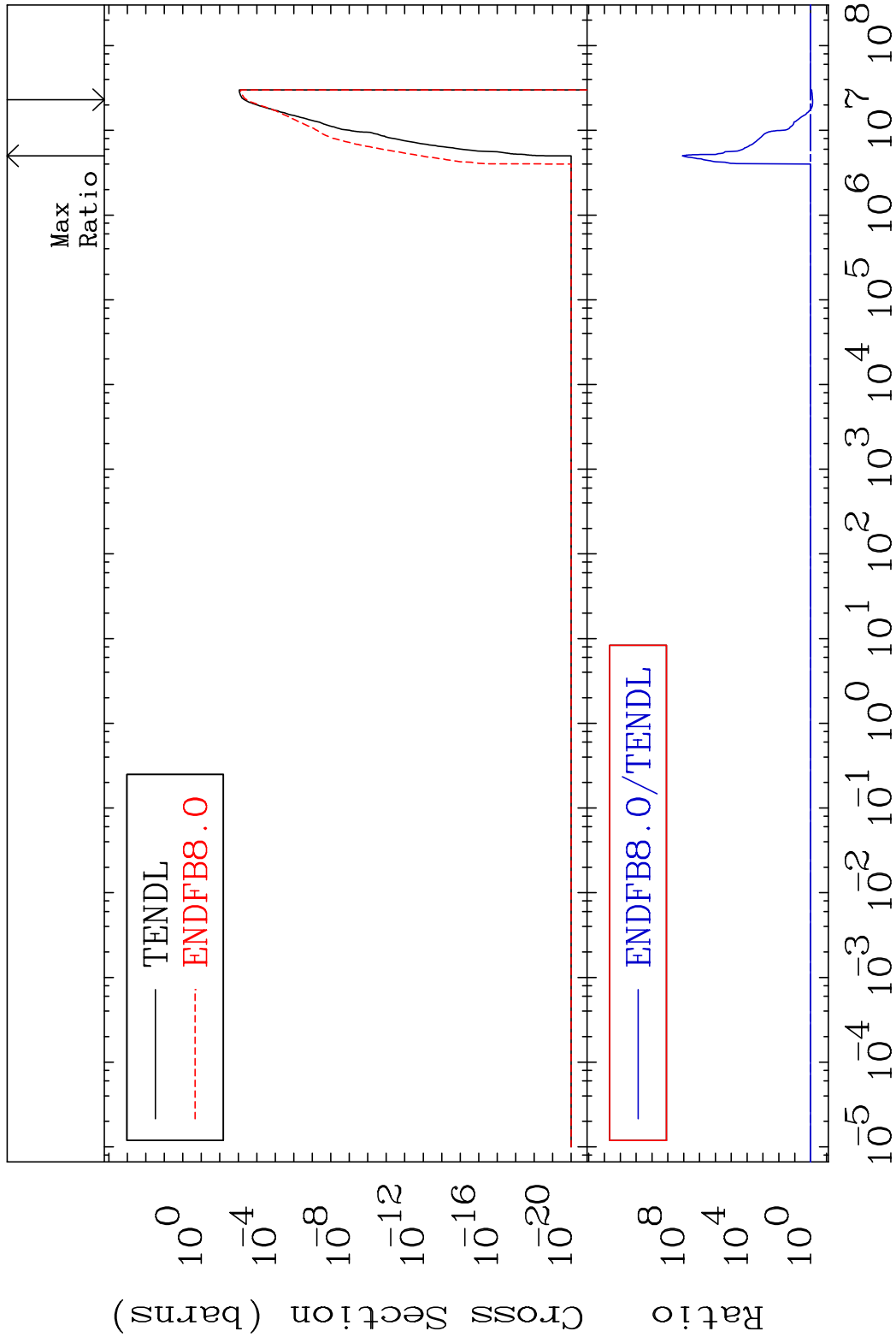


MAT 8228

(n, n') α

82-Pb-205

Cross Section -24.97 To 9999. %

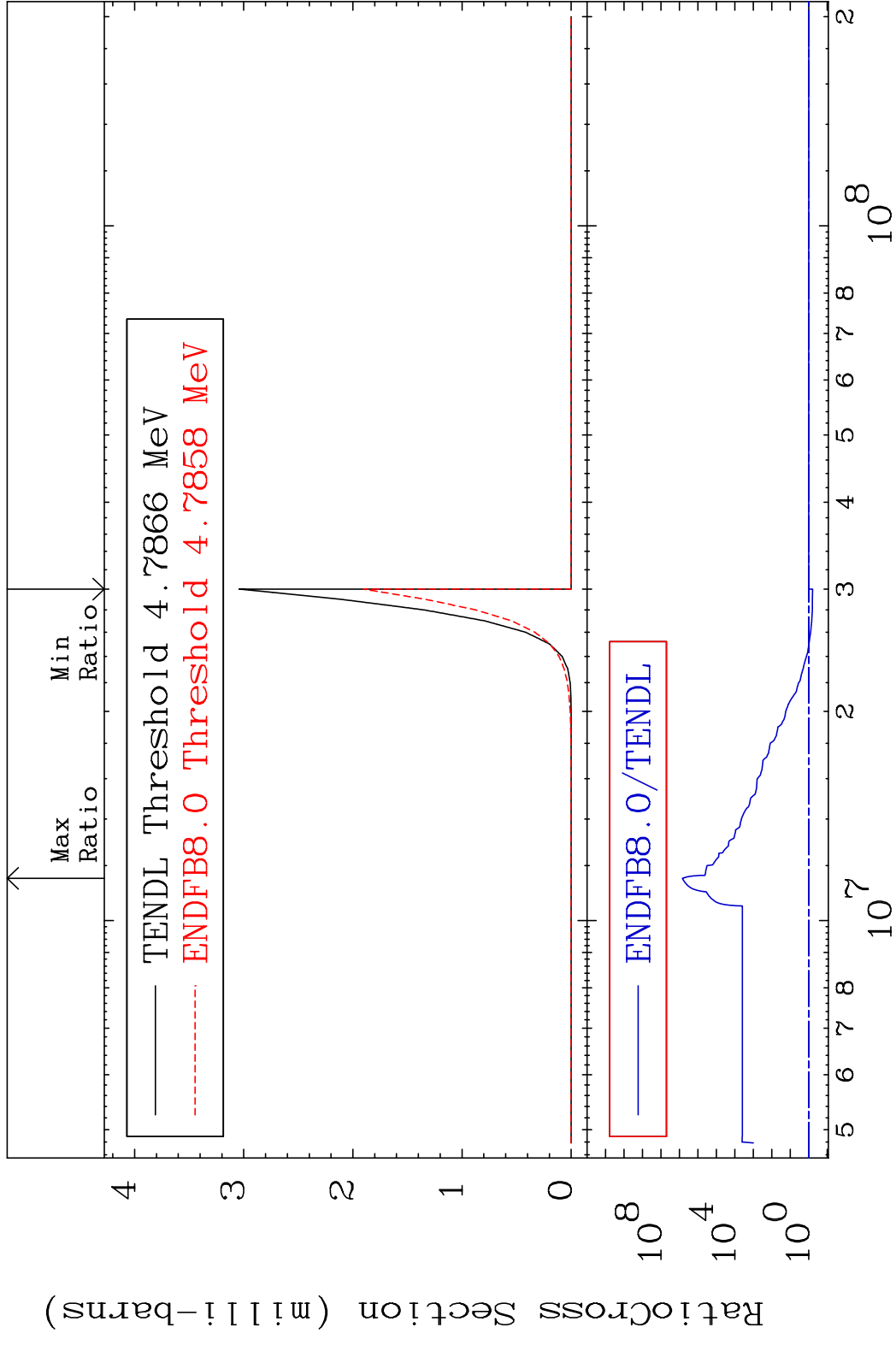


8

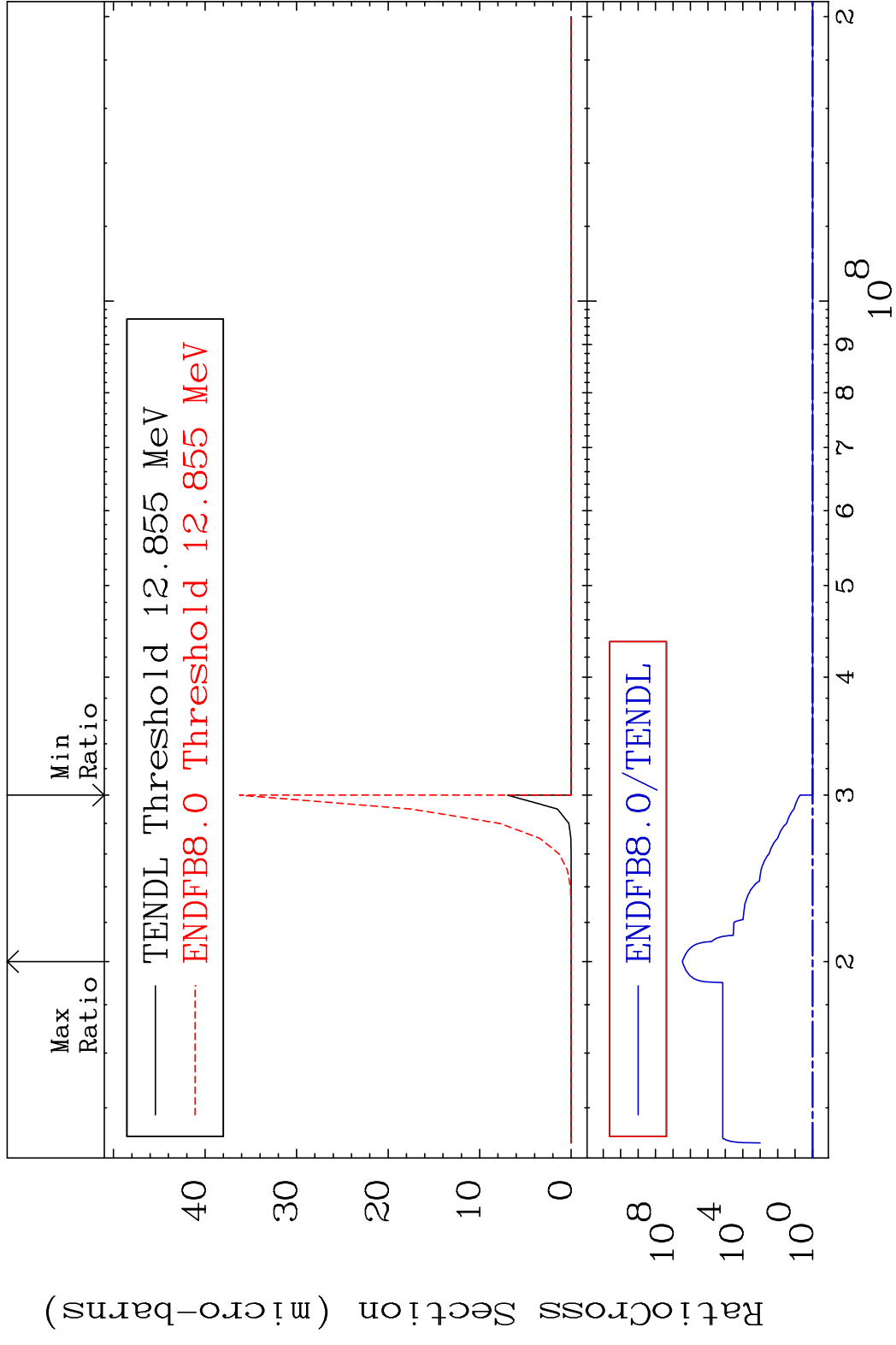
Incident Energy (eV)

82-Pb-205

MAT 8228 (n,2n) α 82-Pb-205
 Cross Section -37.40 To 9999. %

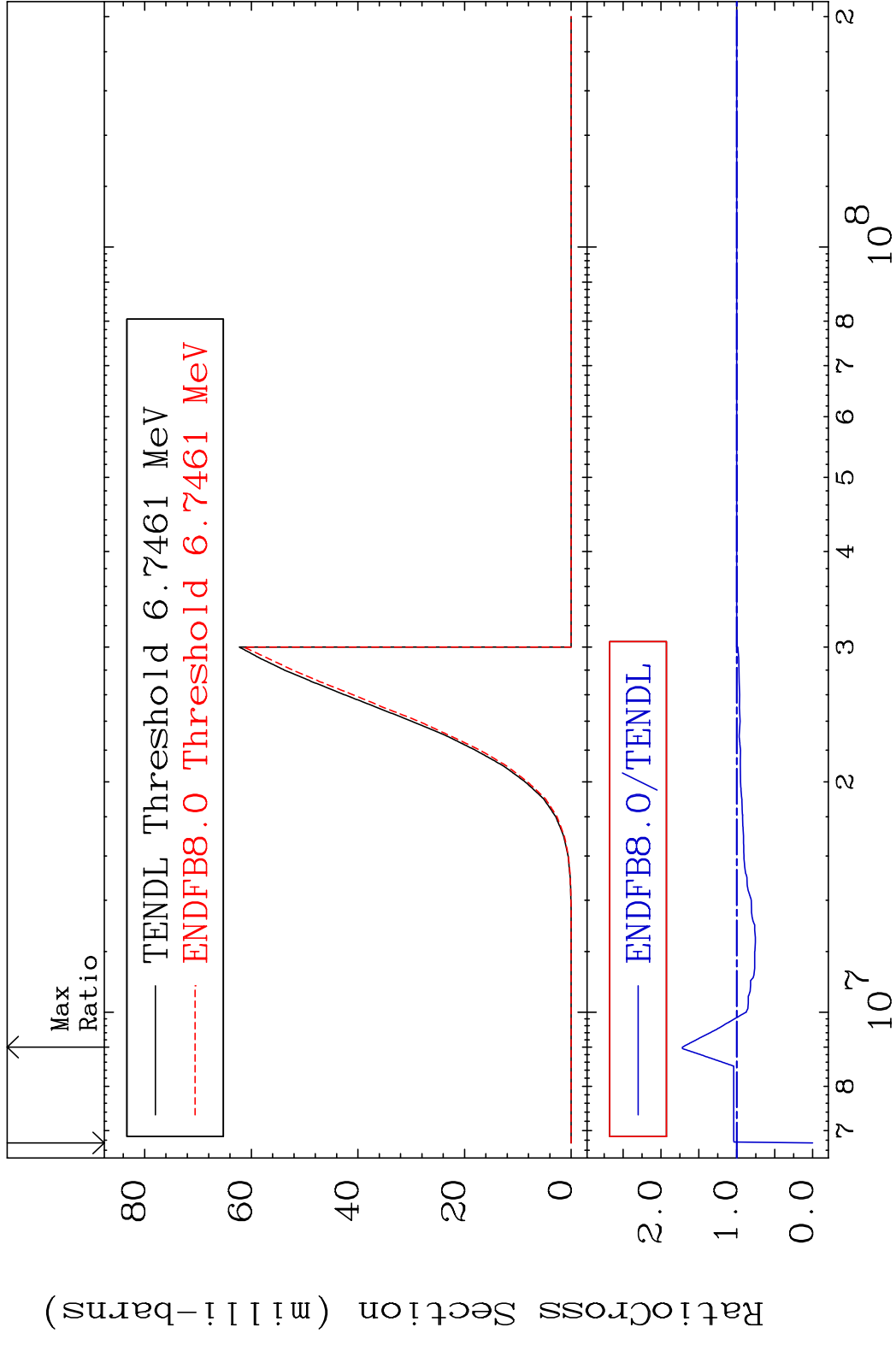


MAT 8228 (n,3n) α 82-Pb-205
 Cross Section 0.000 To 9999. %

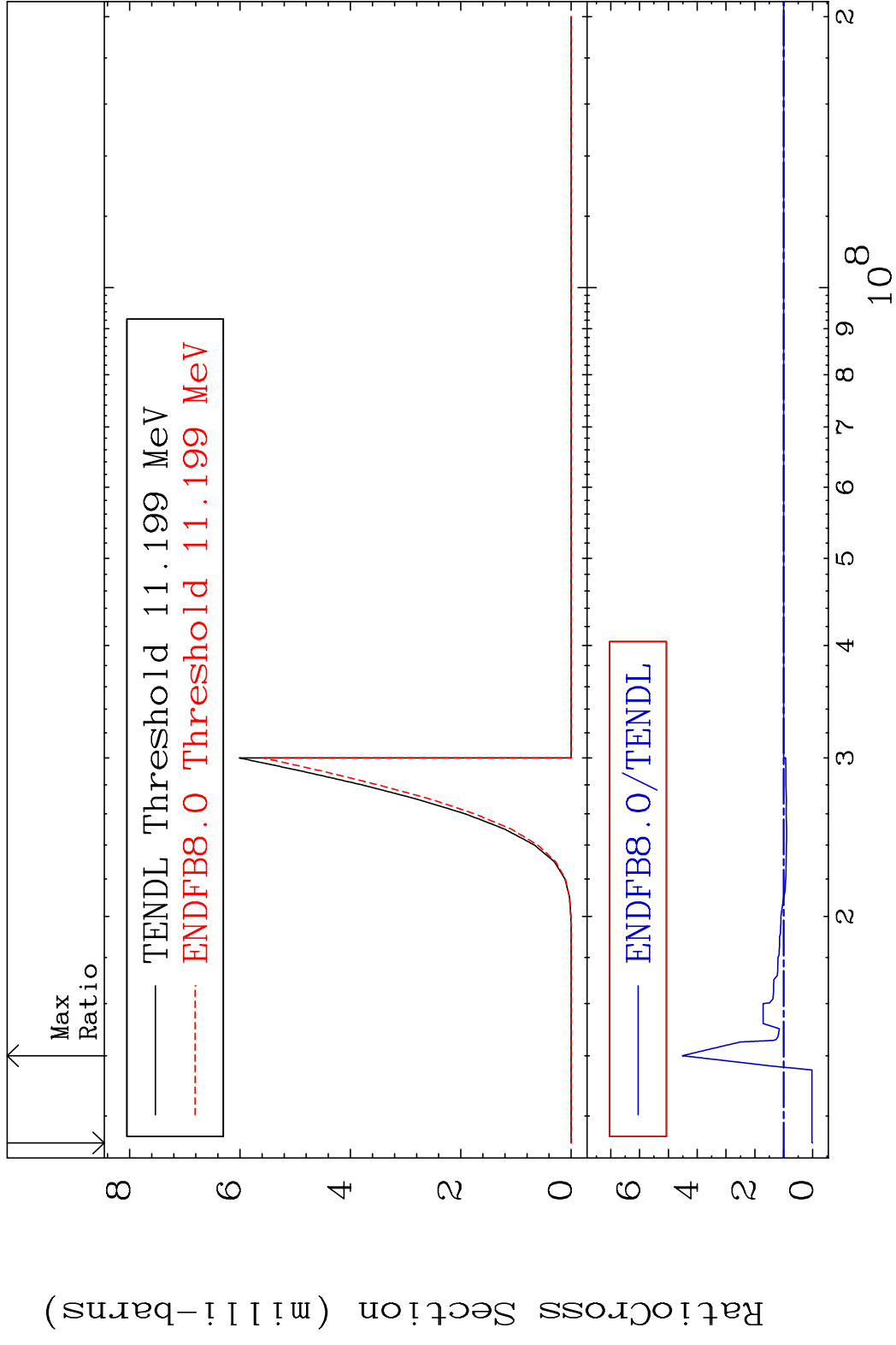


10 82-Pb-205

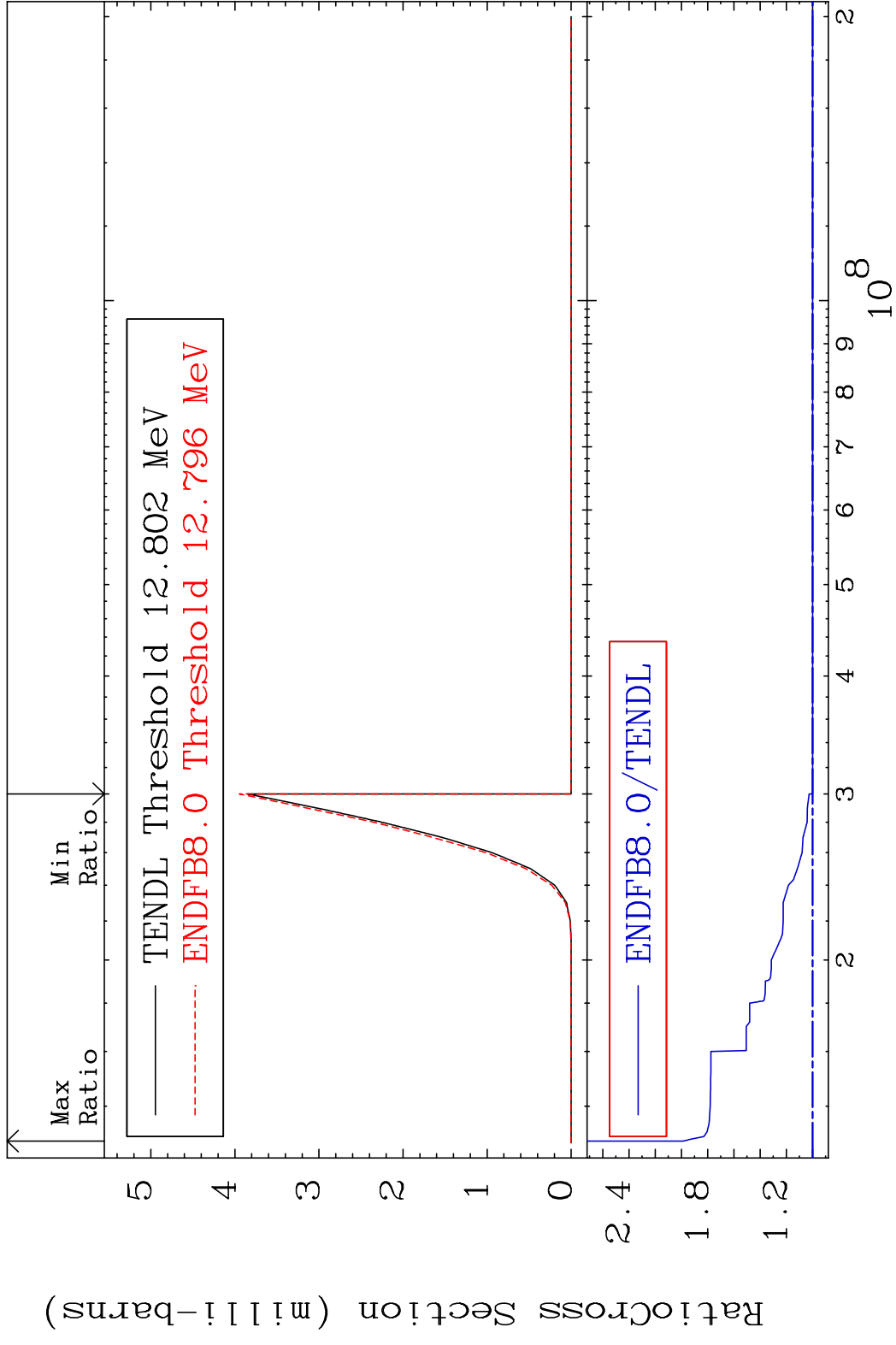
MAT 8228 (n, n') p 82-Pb-205
 Cross Section -100.0 To 71.82 %



MAT 8228 (n, n') d 82-Pb-205
 Cross Section -100.0 To 351.6 %



MAT 8228 (n, n') t 82-Pb-205
 Cross Section 0.000 To 99.31 %

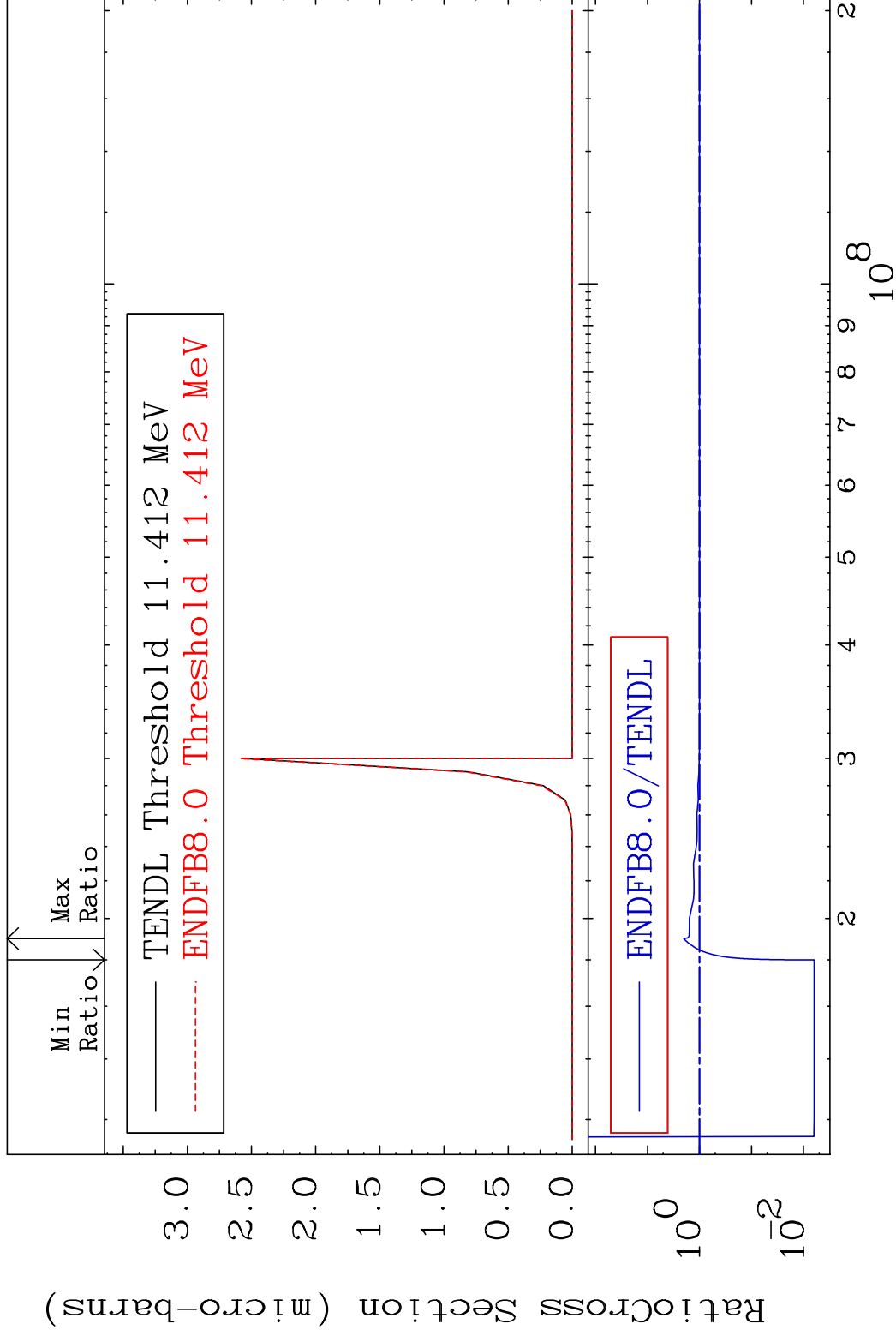


MAT 8228

(n,n') He-3

82-Pb-205

Cross Section -99.38 To 101.4 %

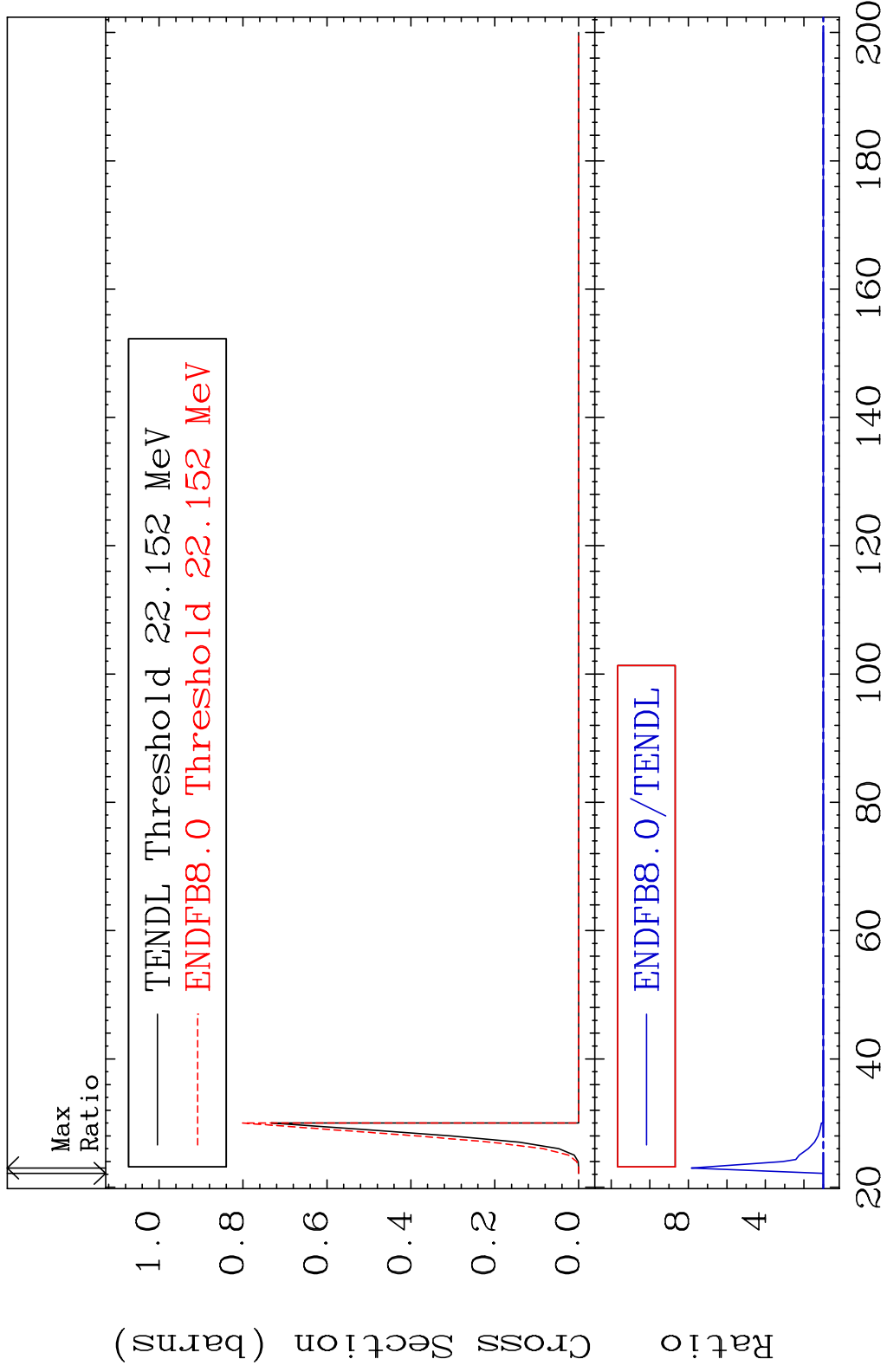


MAT 8228

(n,4n)

82-Pb-205

Cross Section 0.000 To 684.3 %

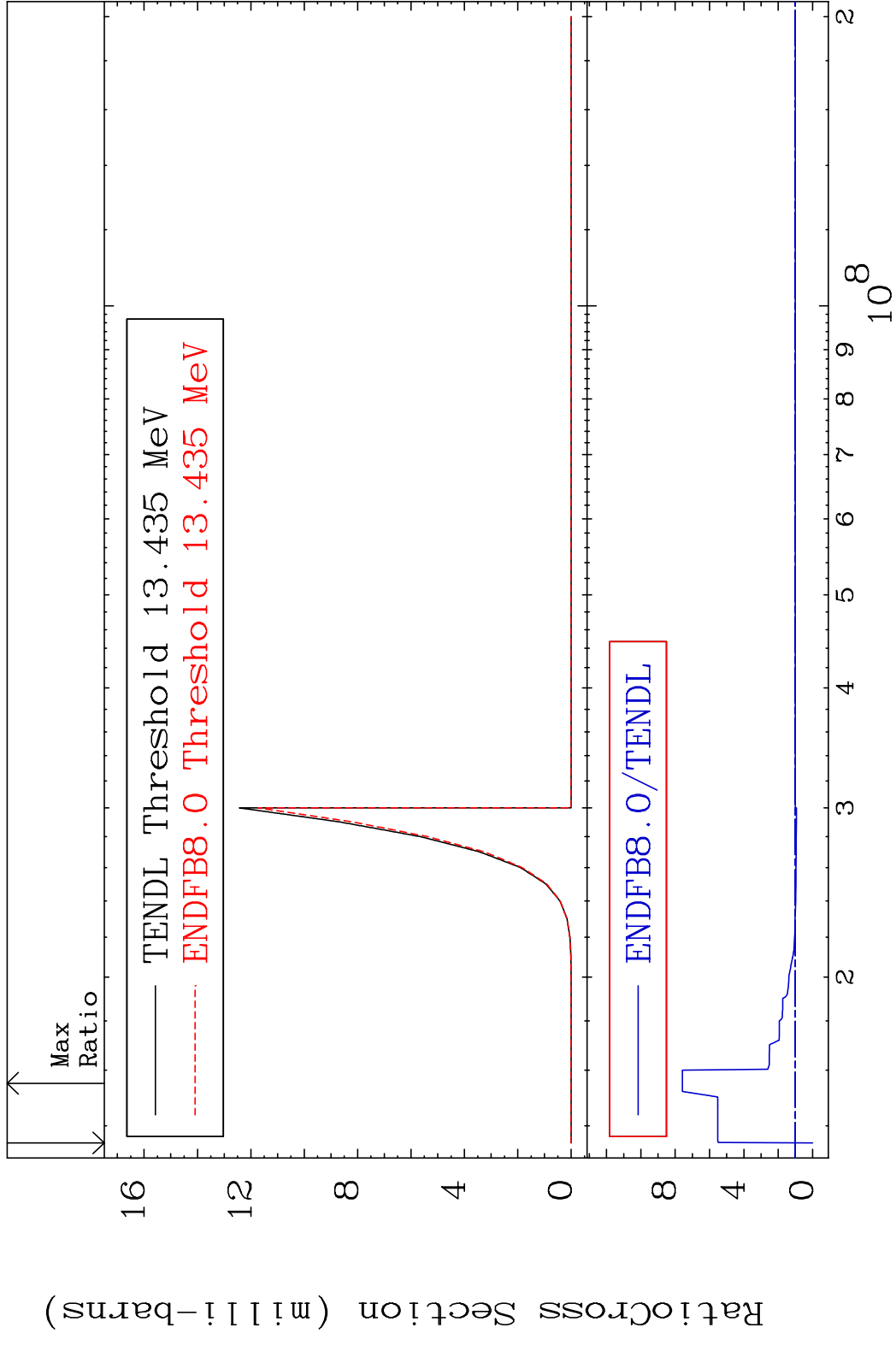


15

Incident Energy (MeV)

82-Pb-205

MAT 8228 (n,2n) p 82-Pb-205
 Cross Section -100.0 To 658.3 %

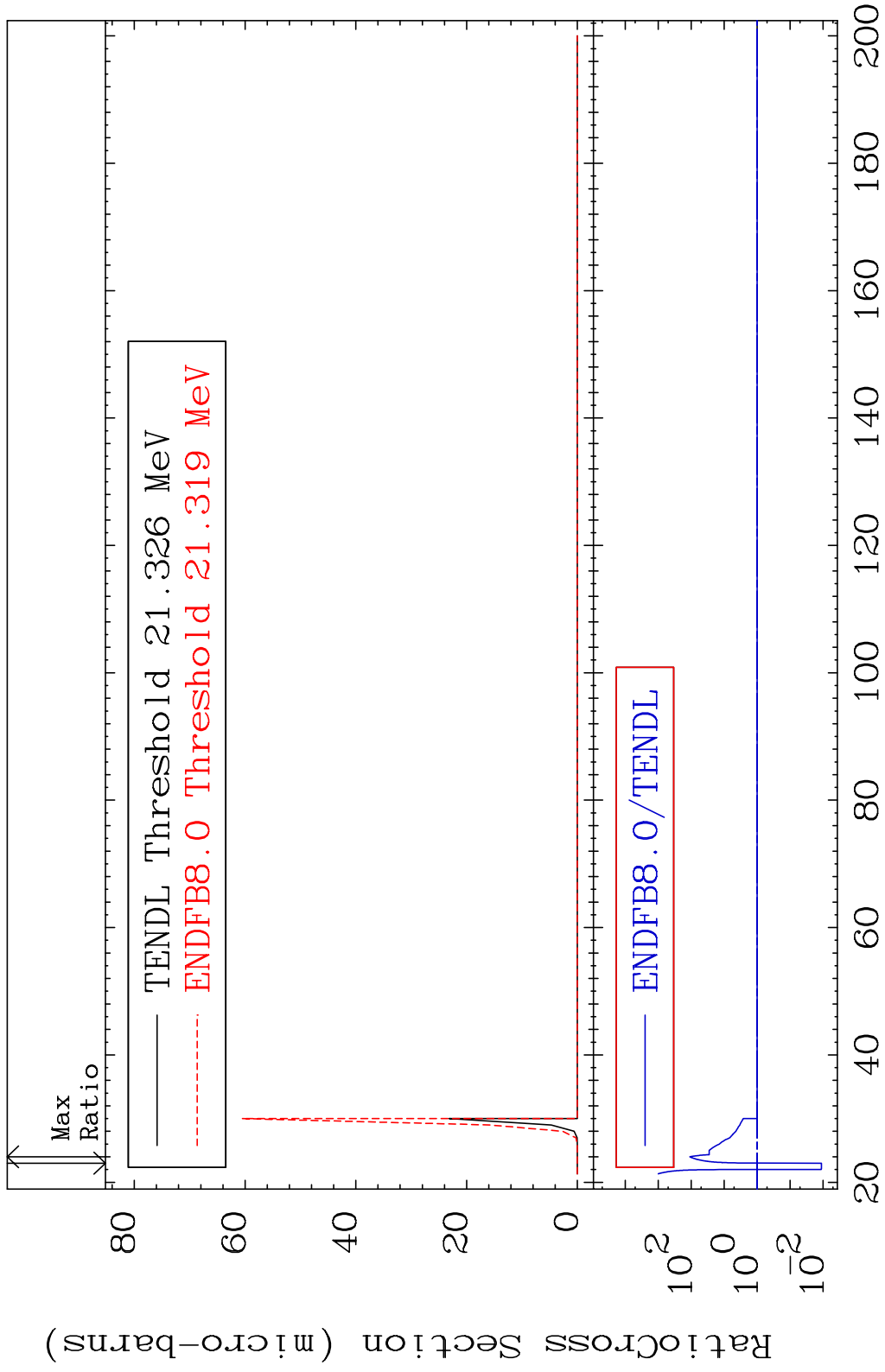


MAT 8228

(n,3n) p

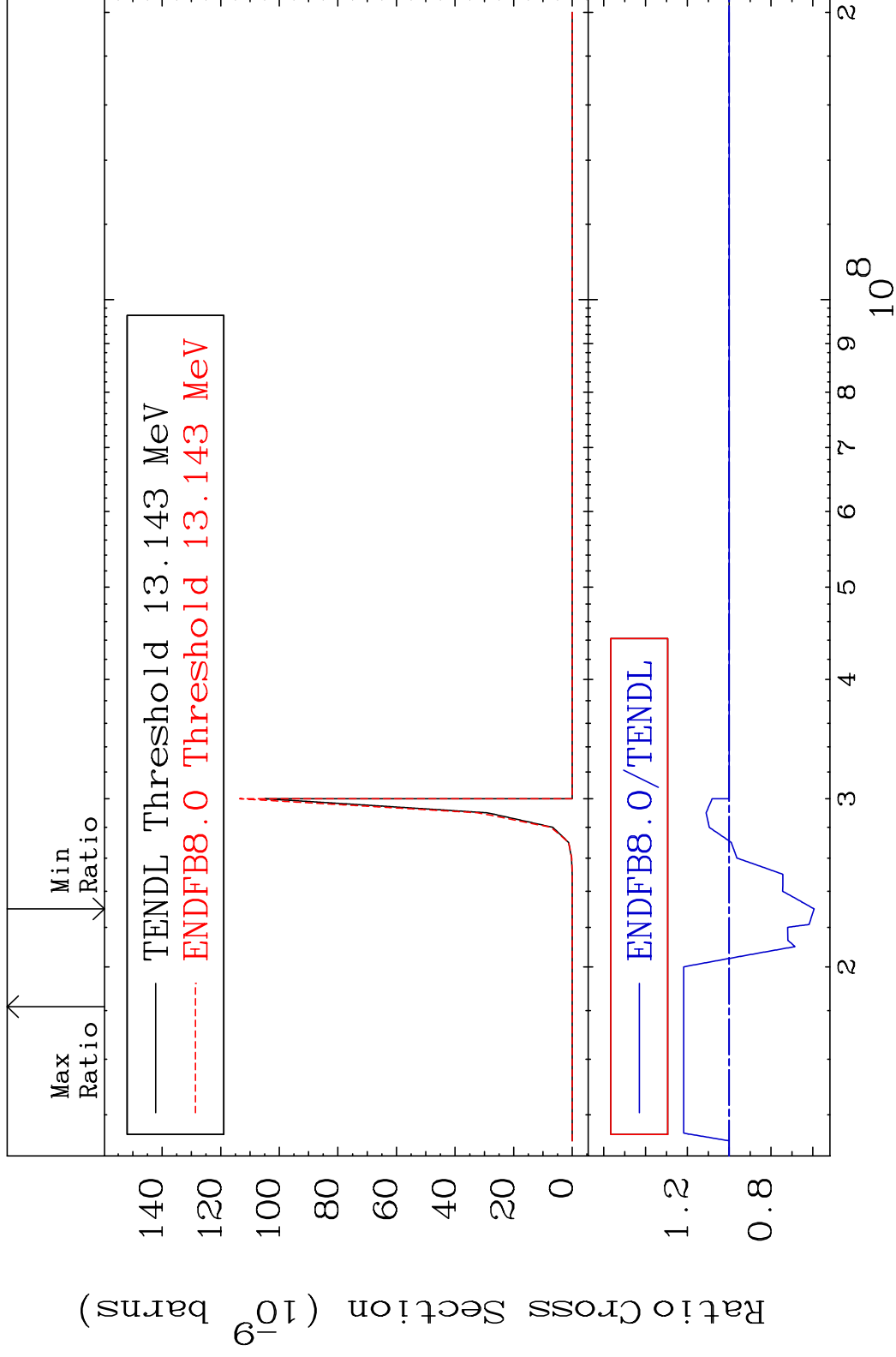
82-Pb-205

Cross Section -98.88 To 9999. %



MAT 8228

(n,2n) p 82-Pb-205
Cross Section -40.60 To 21.79 %

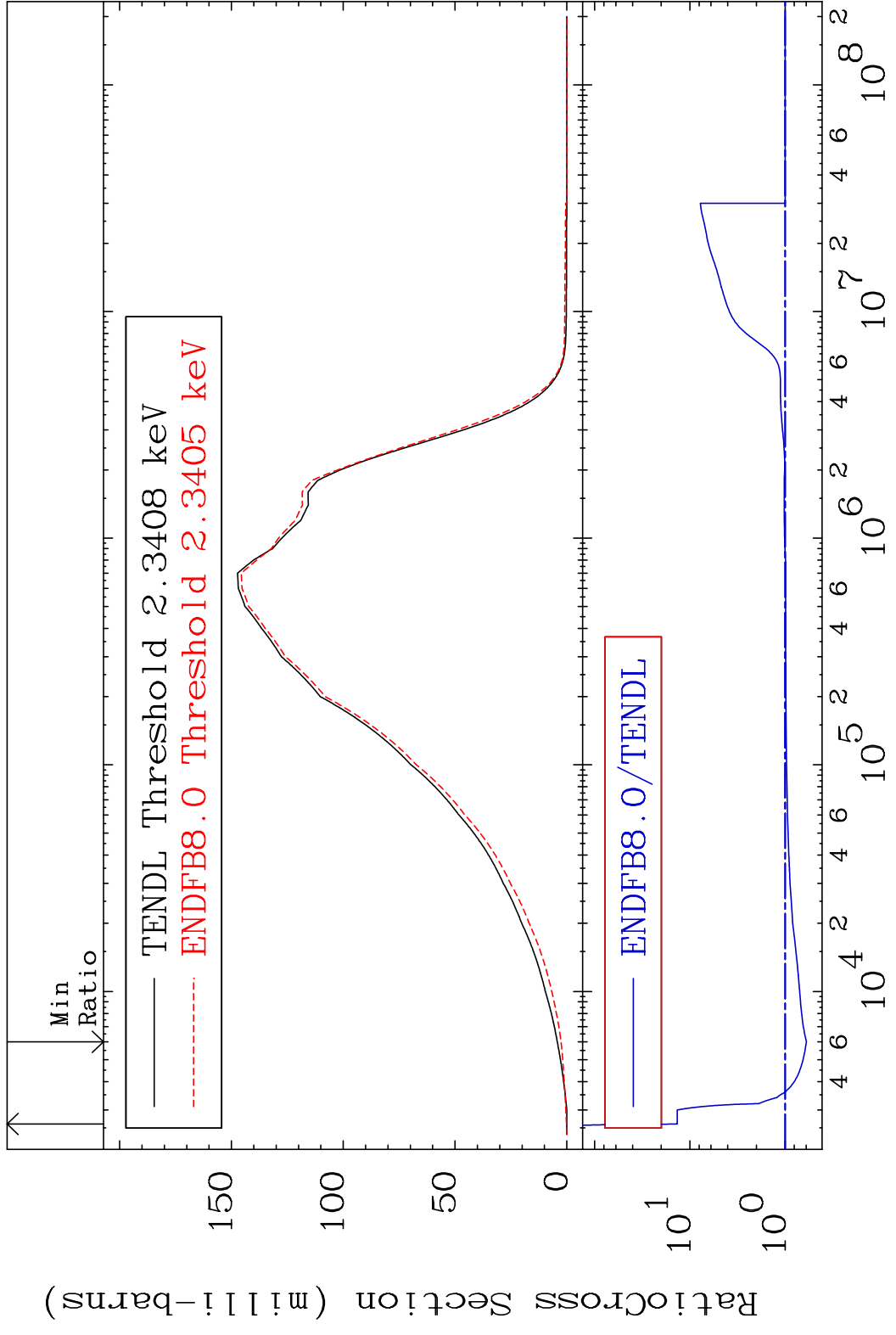


18

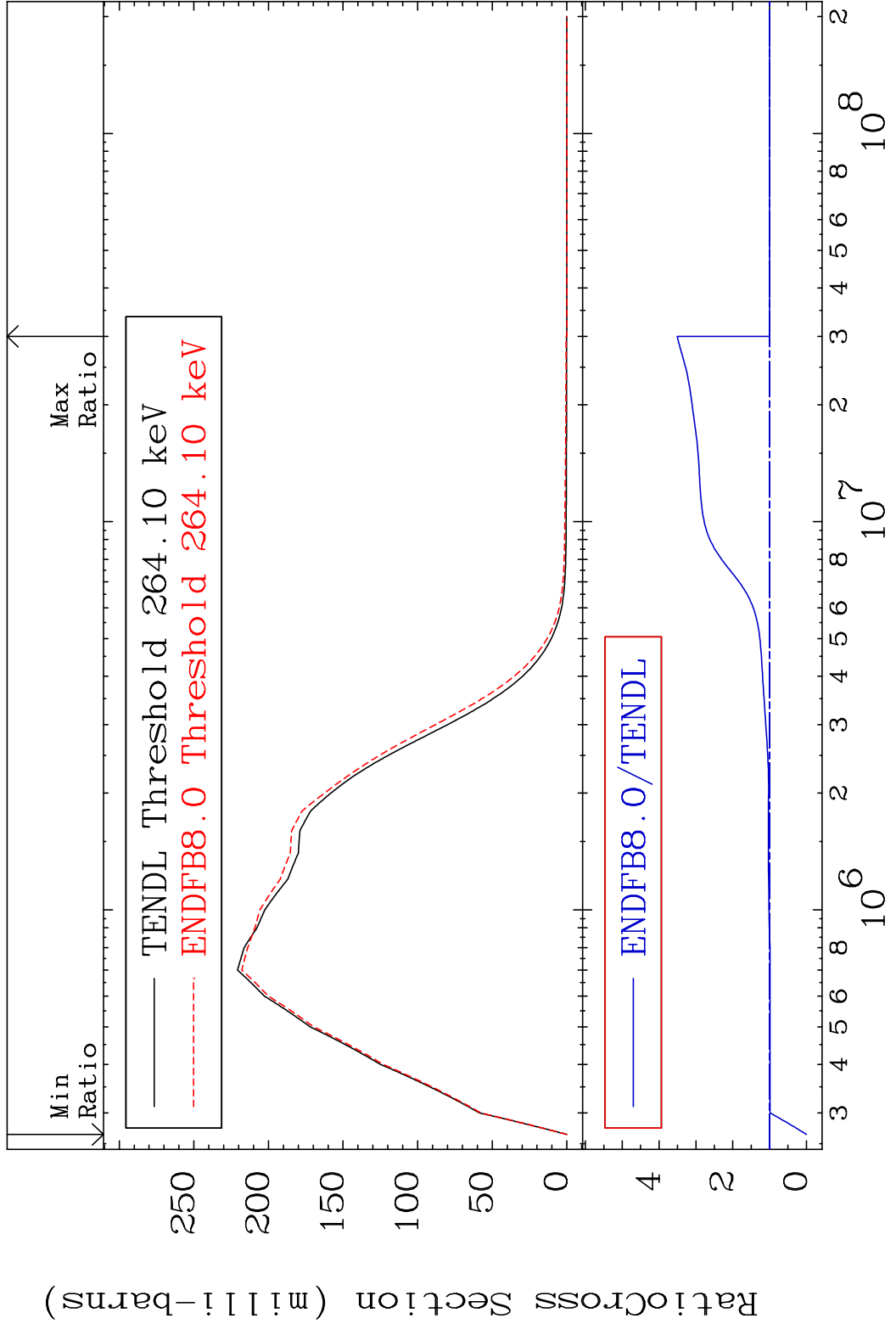
Incident Energy (eV)

82-Pb-205

MAT 8228 MT= 51 (n,n') Level 82-Pb-205
 Cross Section -40.24 To 1259. %

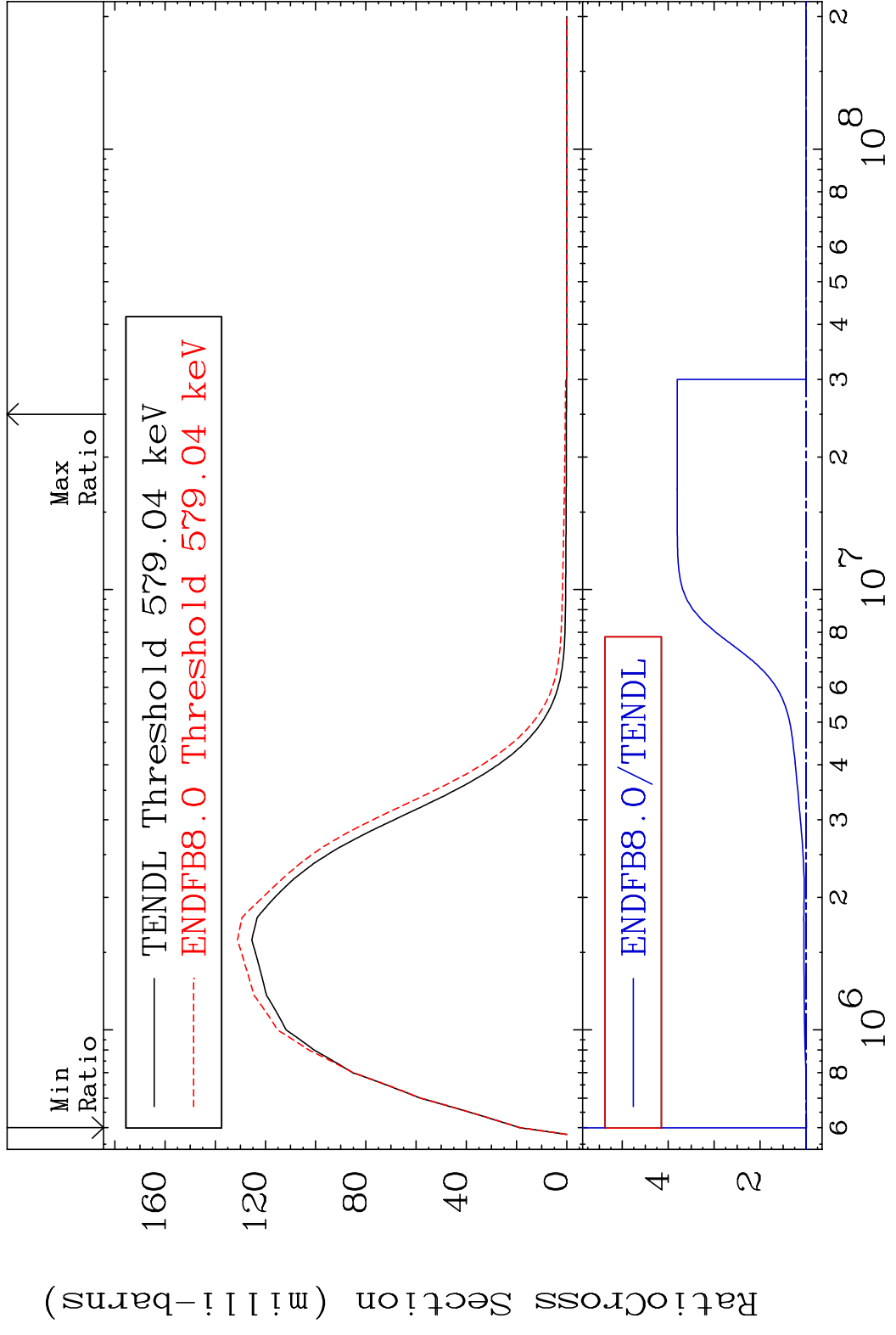


MAT 8228 MT= 52 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 250.8 %

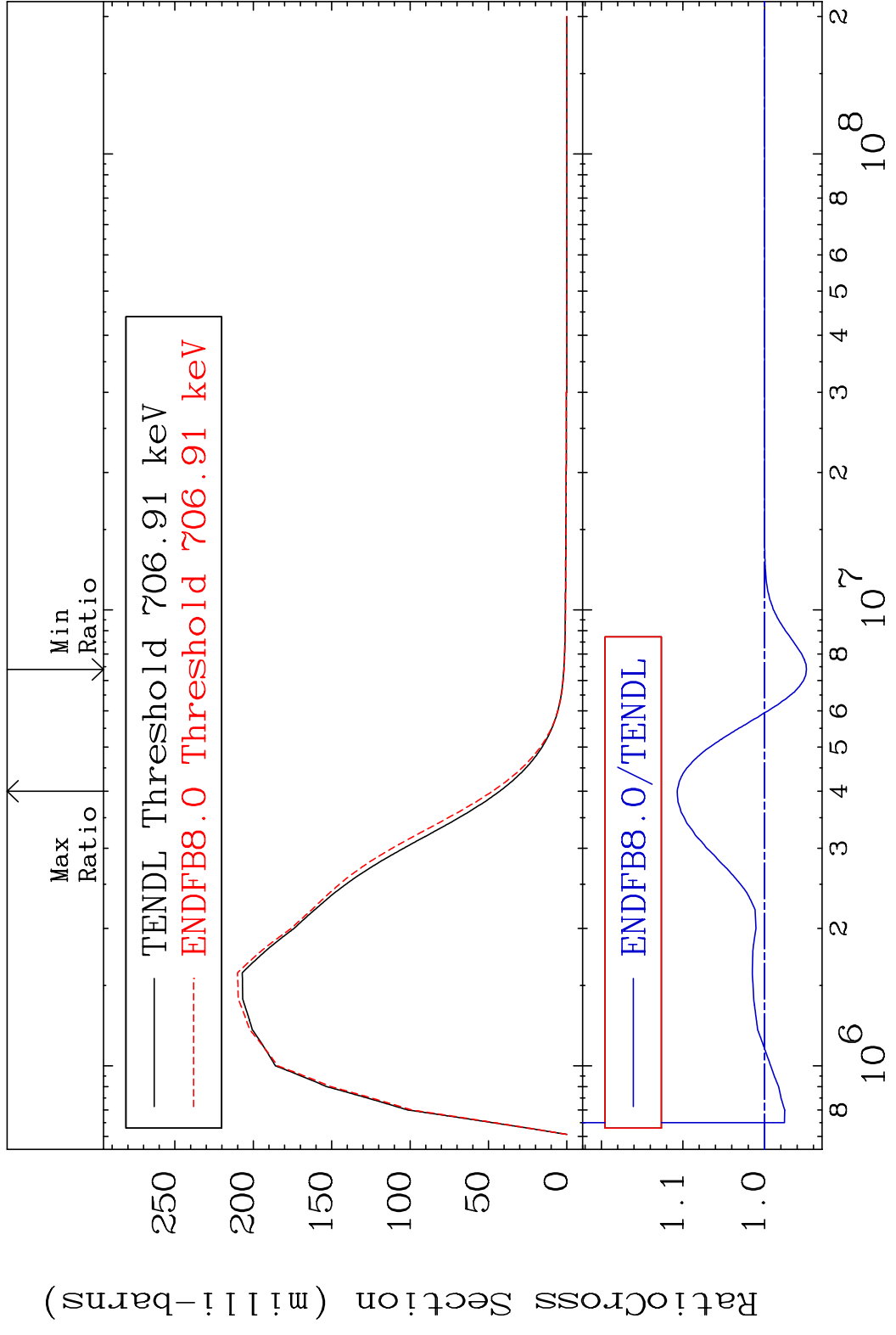


20 82-Pb-205

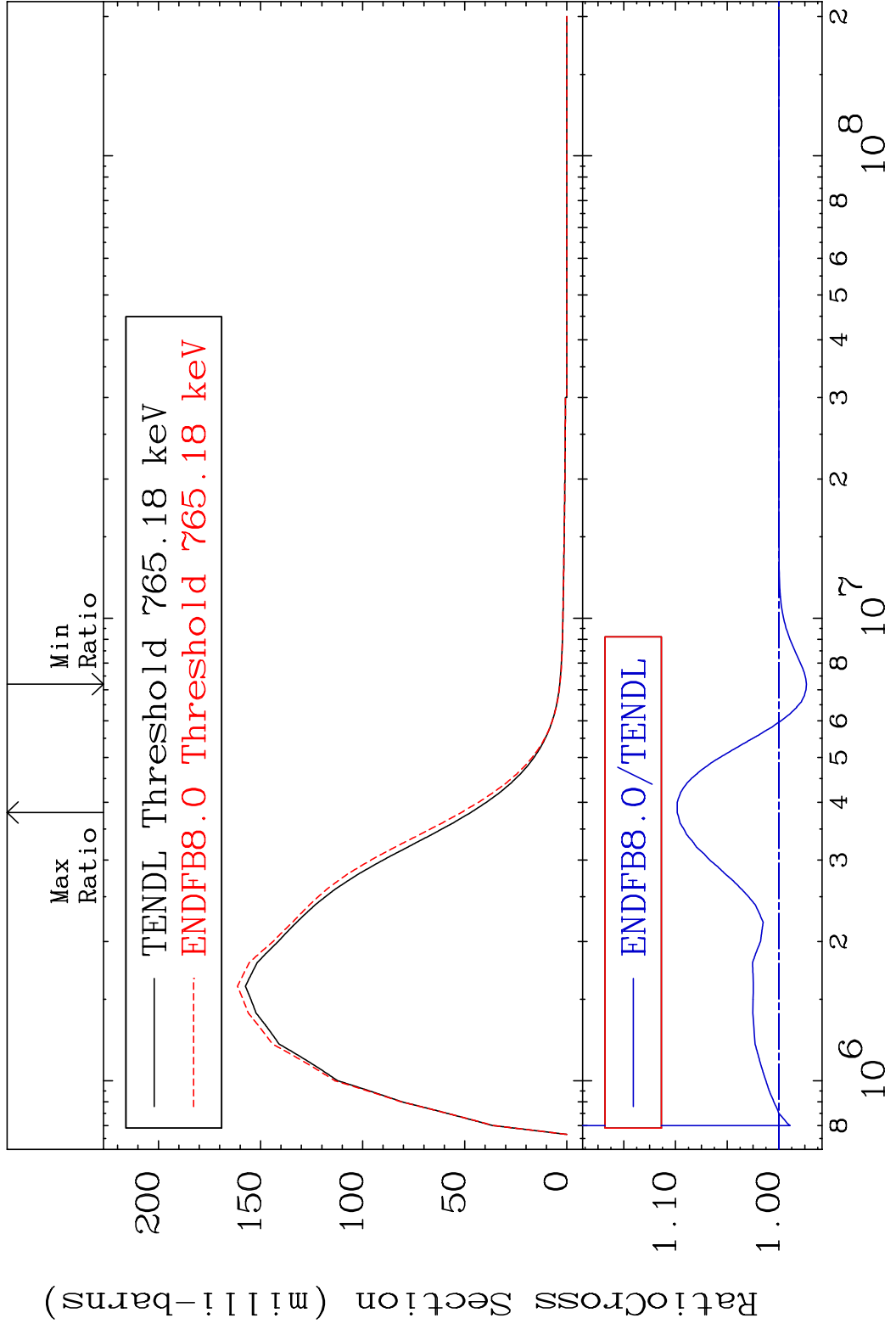
MAT 8228 MT= 53 (n, n') Level 82-Pb-205
 Cross Section -0.755 To 280.5 %



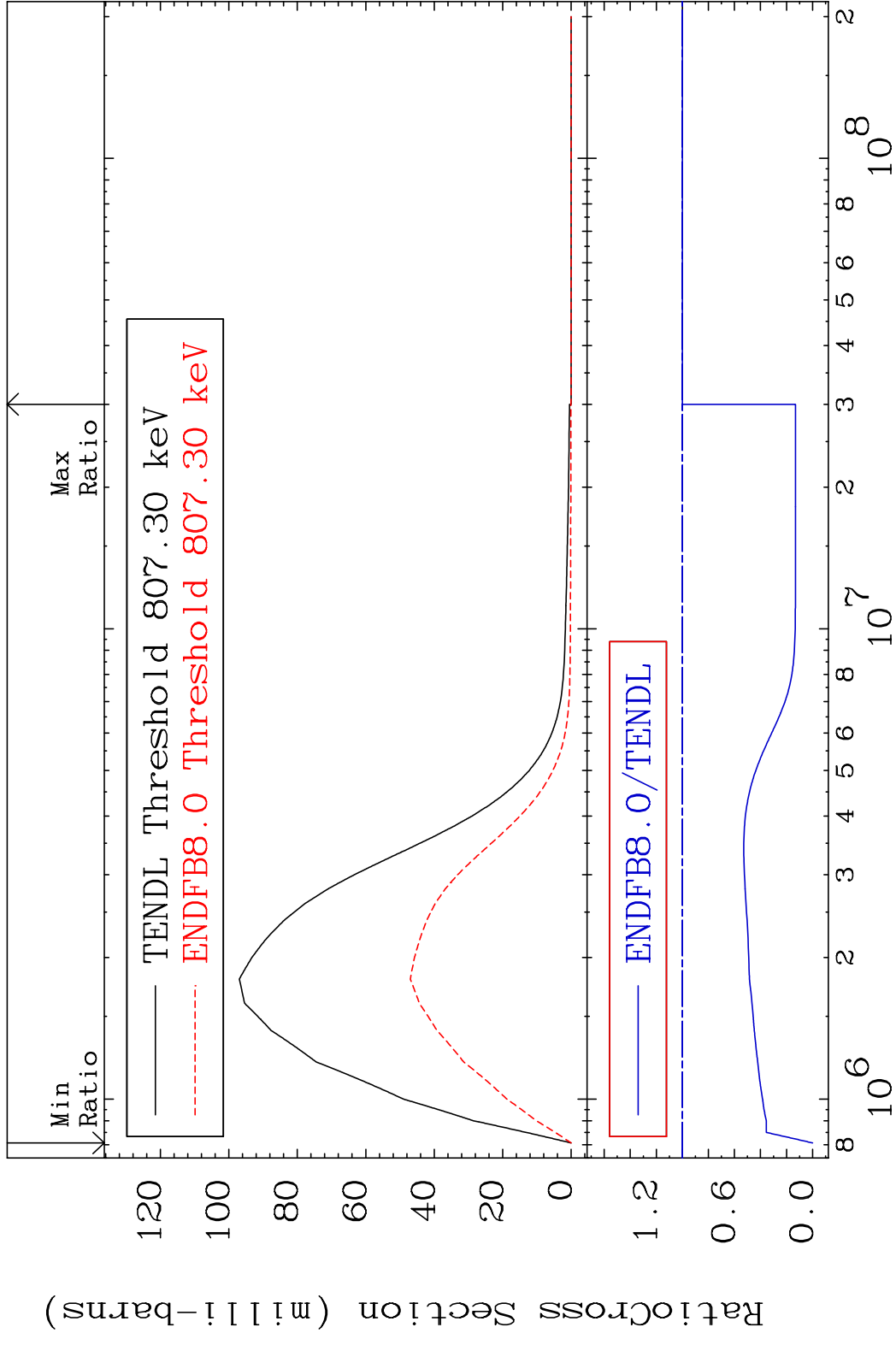
MAT 8228 MT= 54 (n, n') Level 82-Pb-205
 Cross Section -5.139 To 10.71 %



MAT 8228 MT= 55 (n, n') Level 82-Pb-205
 Cross Section -2.658 To 9.837 %



MAT 8228 MT= 56 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.000 %

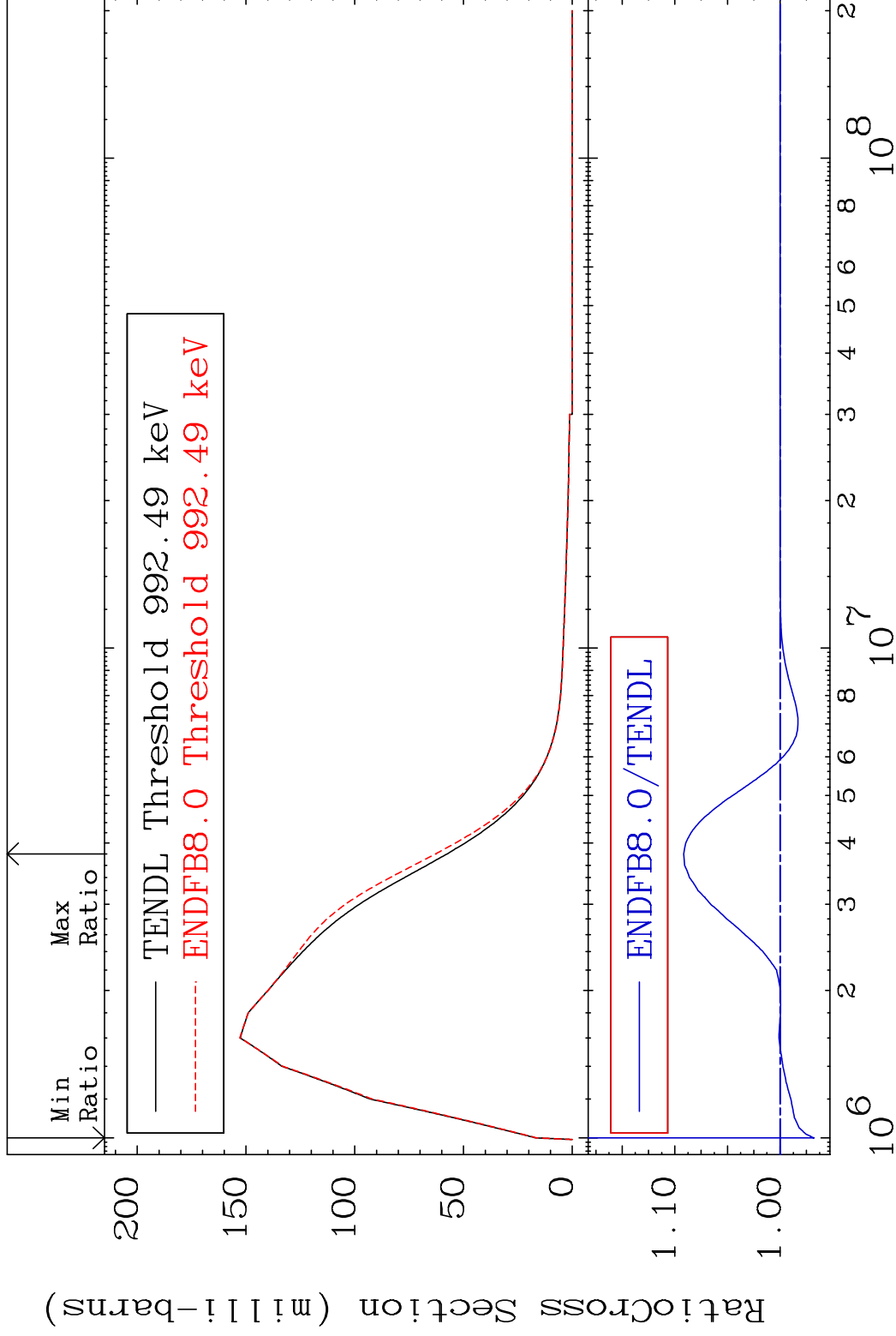


MAT 8228

MT= 57 (n,n') Level

82-Pb-205

Cross Section -3.228 To 9.161 %



25

Incident Energy (eV)

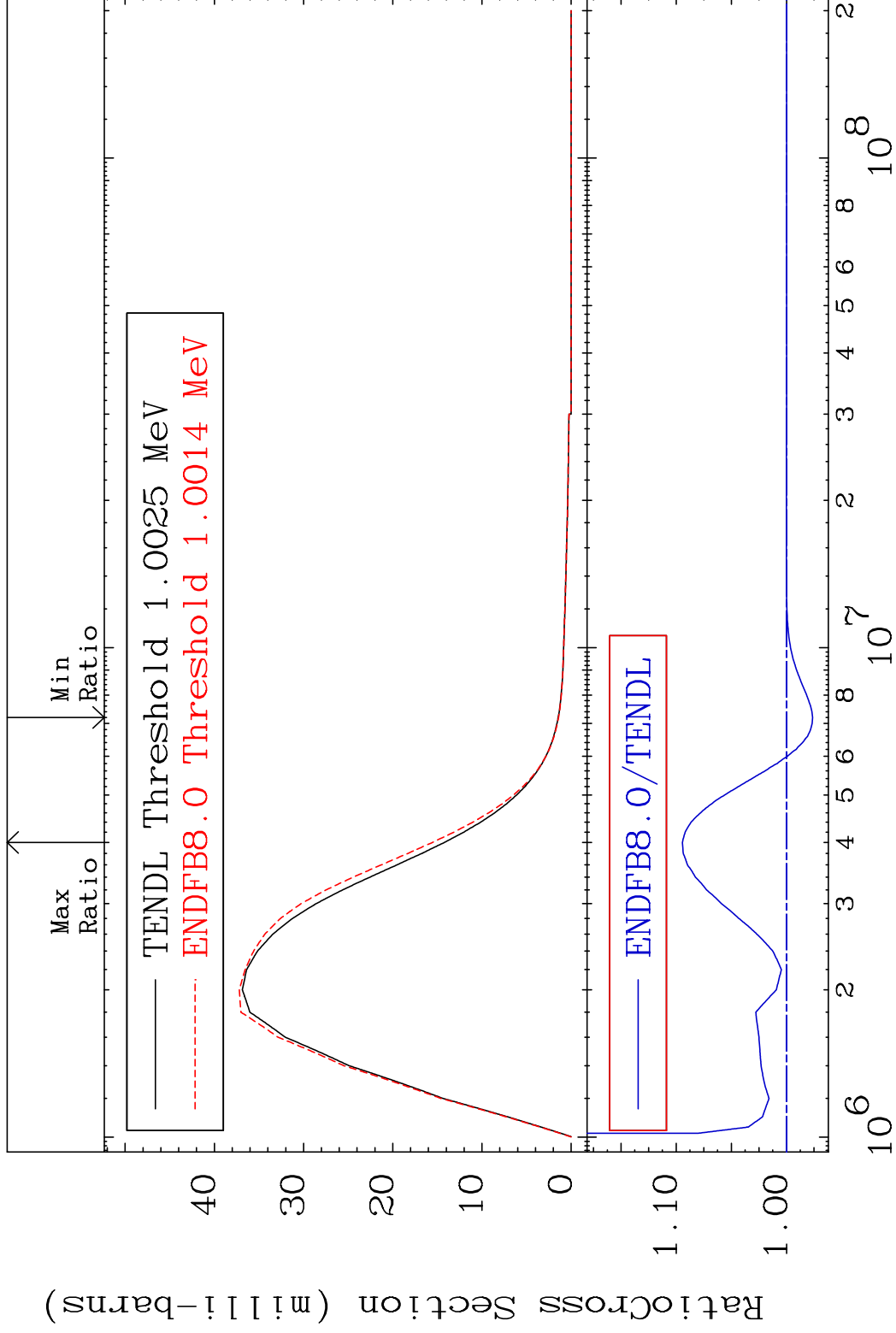
82-Pb-205

MAT 8228

MT= 58 (n,n') Level

82-Pb-205

Cross Section -2.362 To 9.442 %

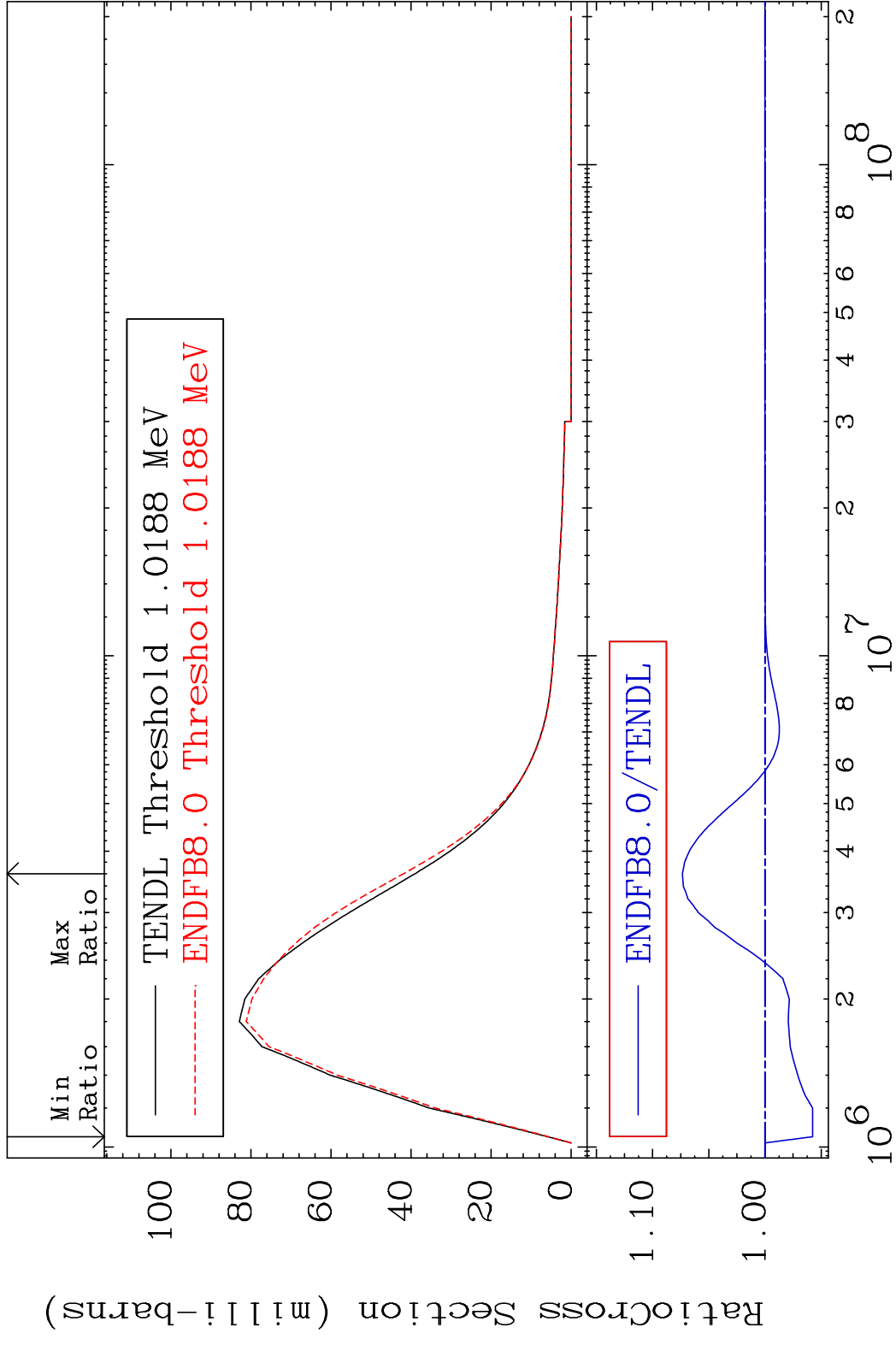


26

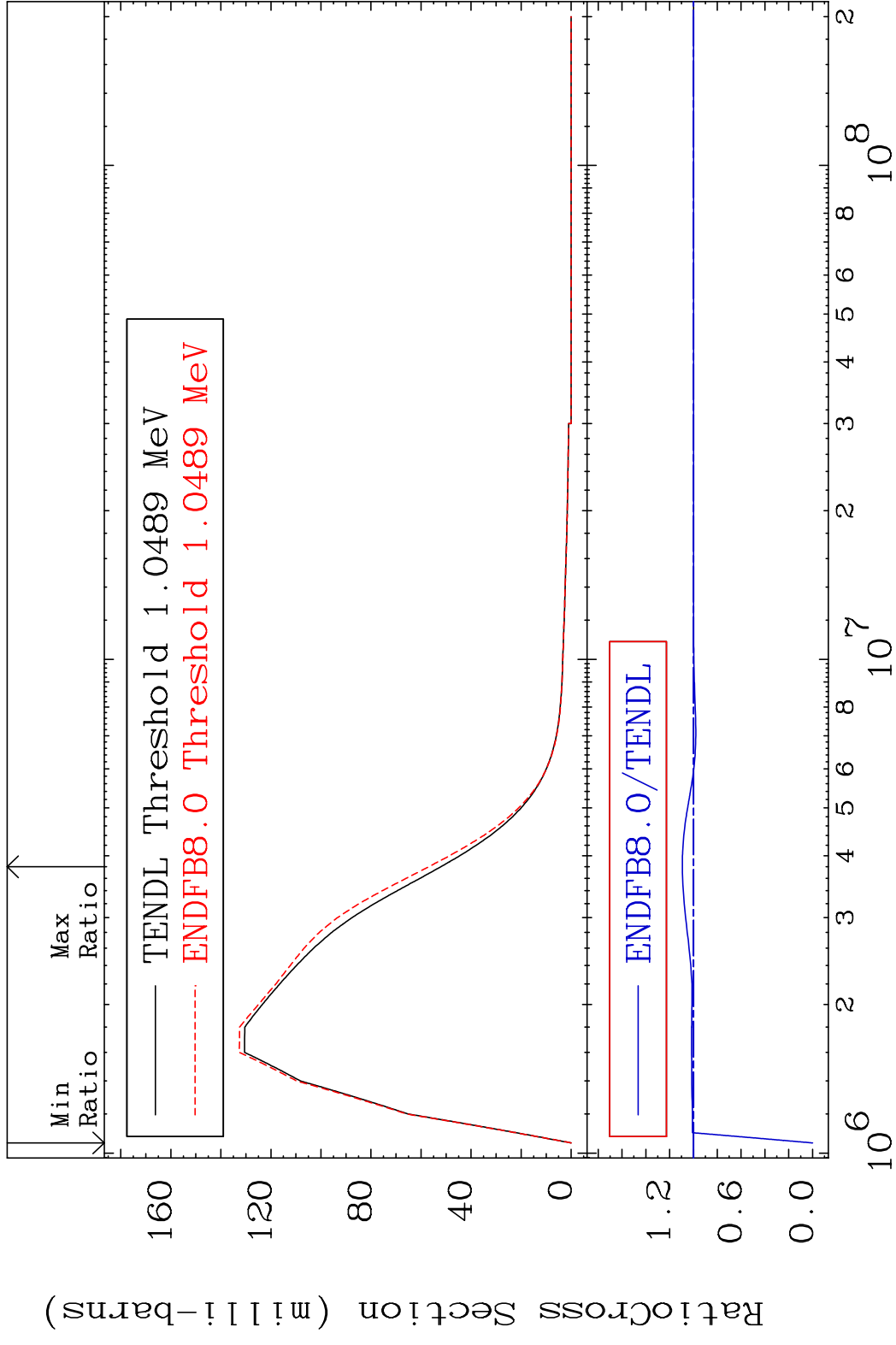
Incident Energy (eV)

82-Pb-205

MAT 8228 MT= 59 (n,n') Level 82-Pb-205
 Cross Section -4.232 To 7.351 %

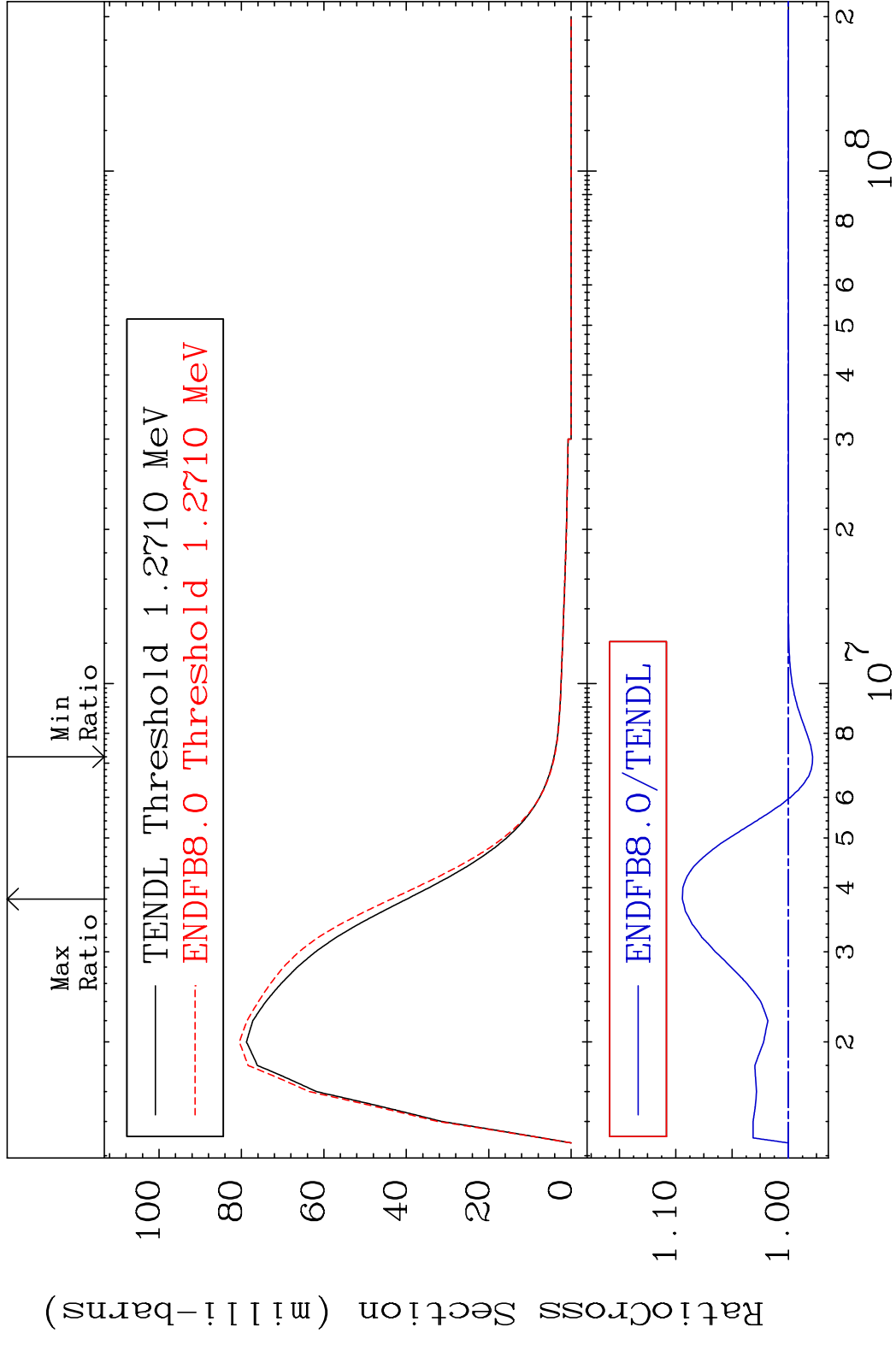


MAT 8228 MT= 60 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 9.334 %

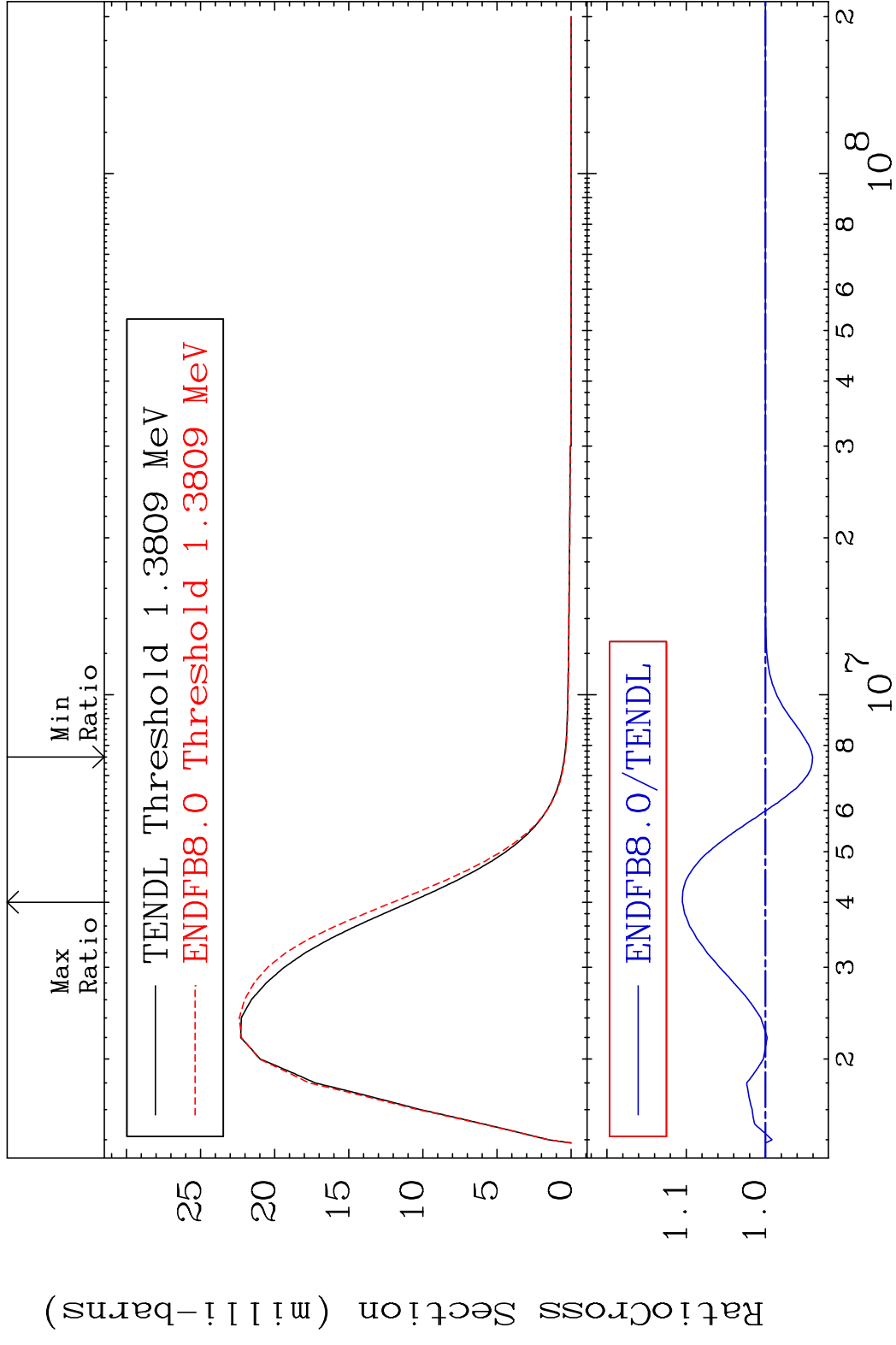


28 Incident Energy (eV) 82-Pb-205

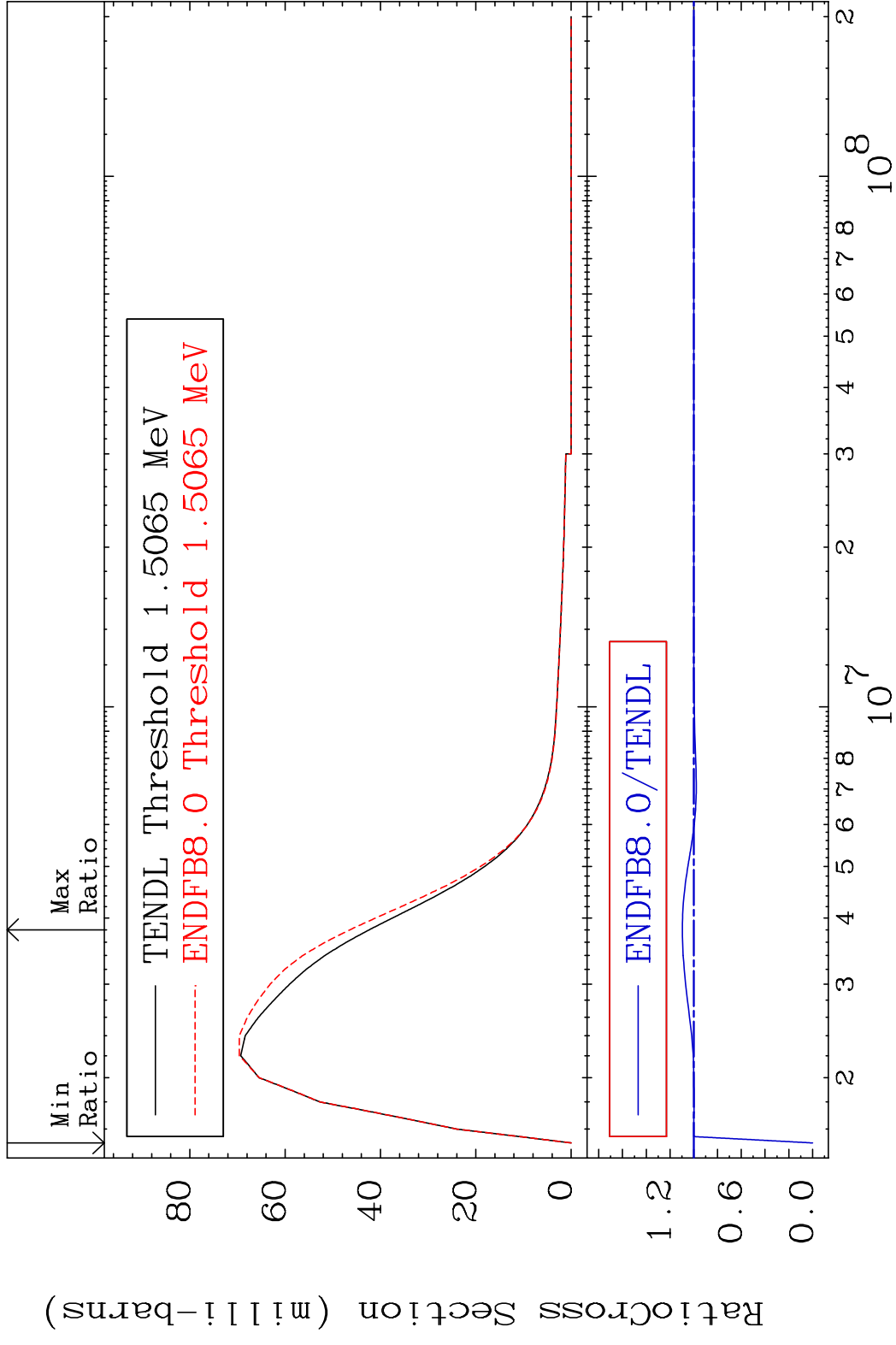
MAT 8228 MT= 61 (n, n') Level 82-Pb-205
 Cross Section -2.144 To 9.412 %



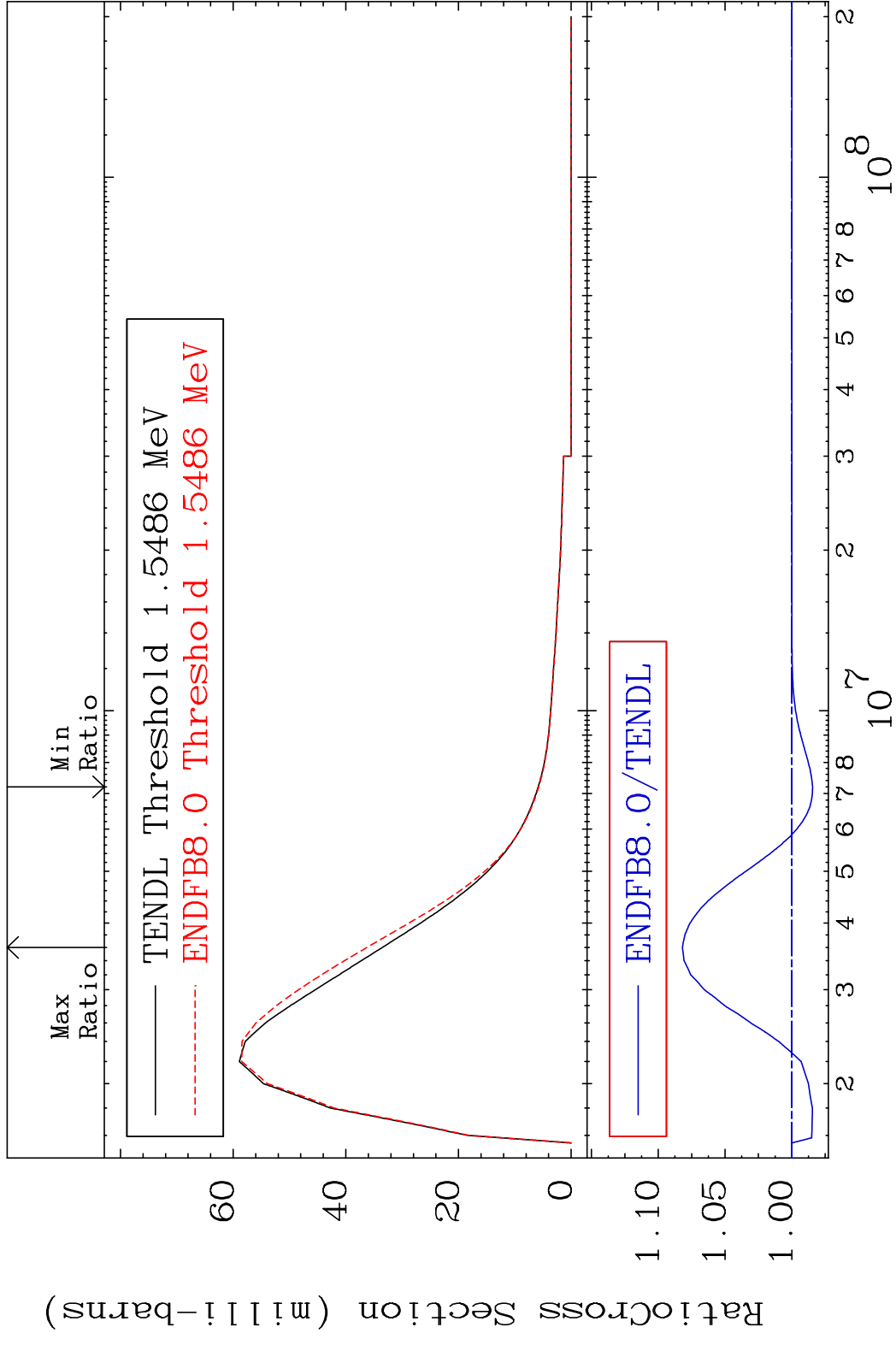
MAT 8228 MT= 62 (n,n') Level 82-Pb-205
 Cross Section -5.949 To 10.49 %



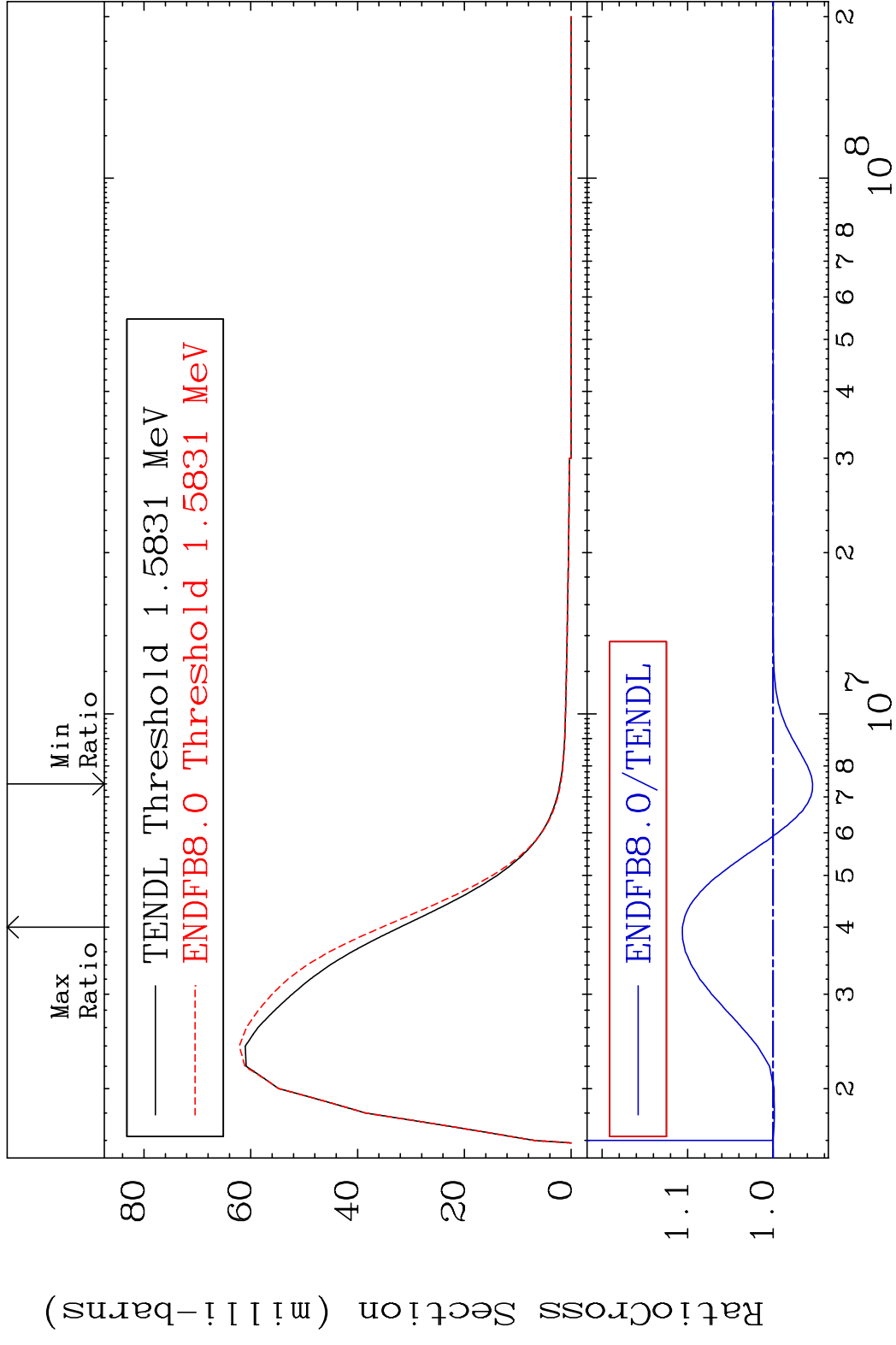
MAT 8228 MT= 63 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 9.622 %



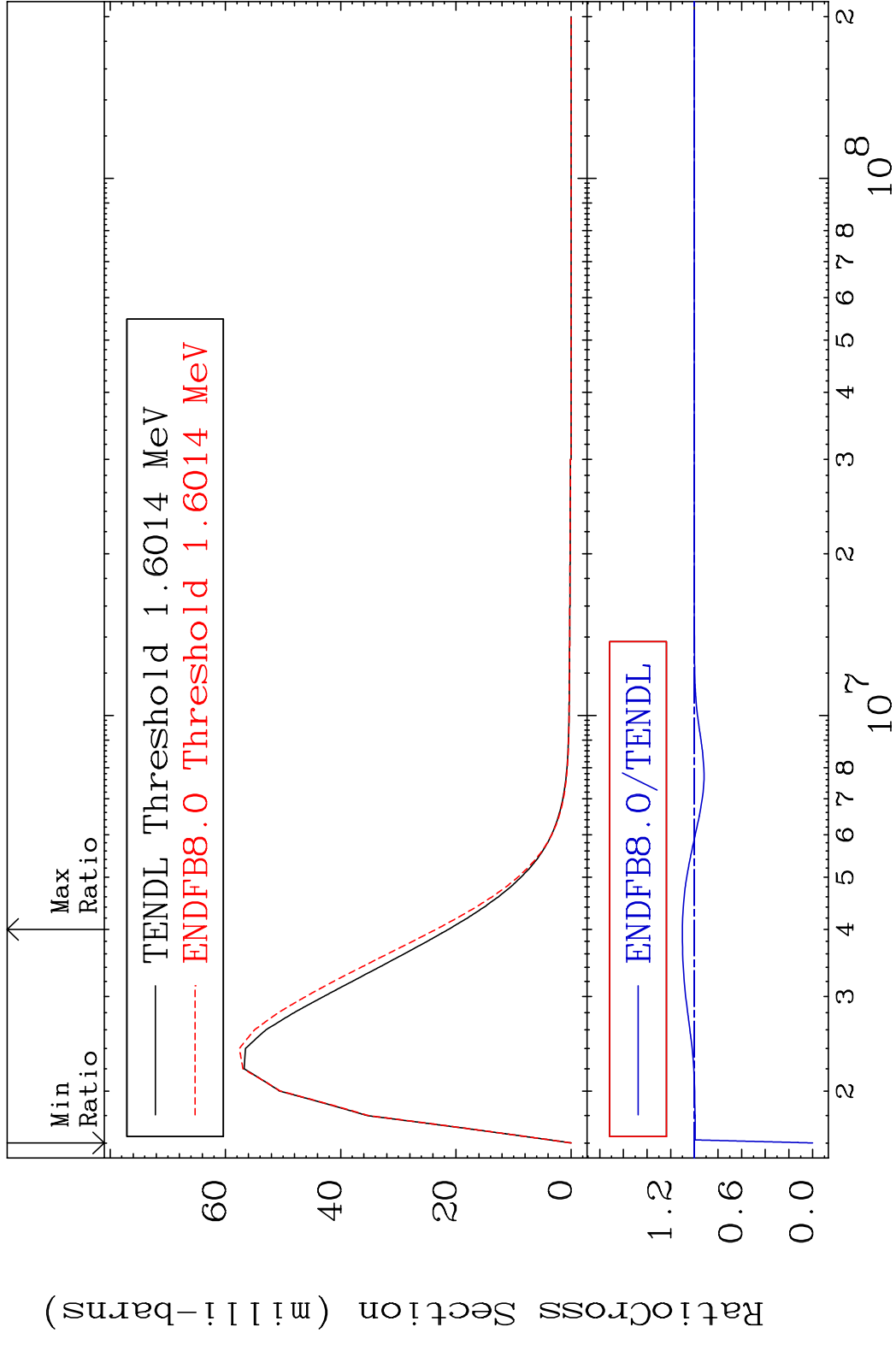
MAT 8228 MT= 64 (n,n') Level 82-Pb-205
 Cross Section -1.553 To 8.197 %



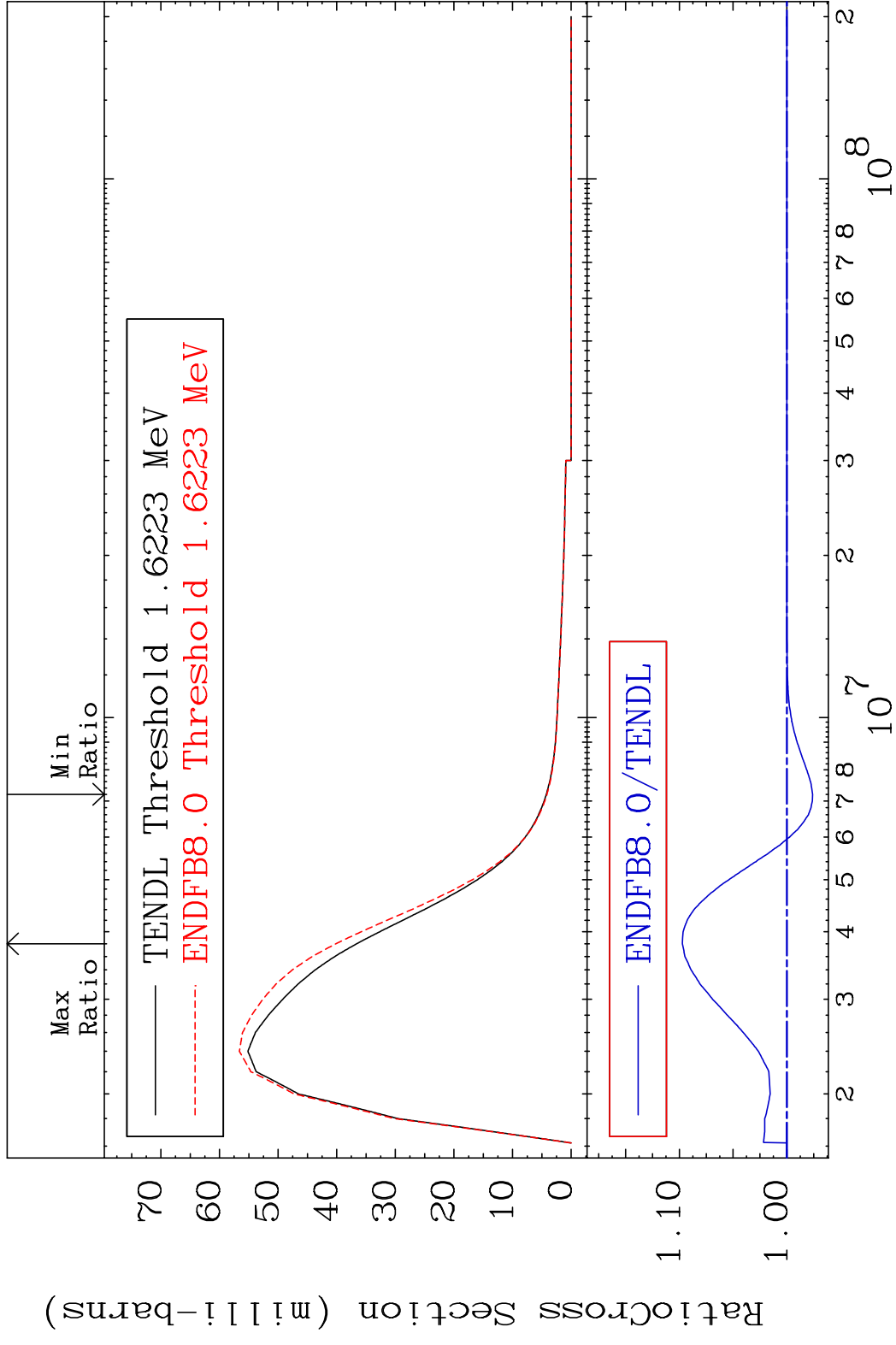
MAT 8228 MT= 65 (n,n') Level 82-Pb-205
 Cross Section -4.614 To 10.62 %



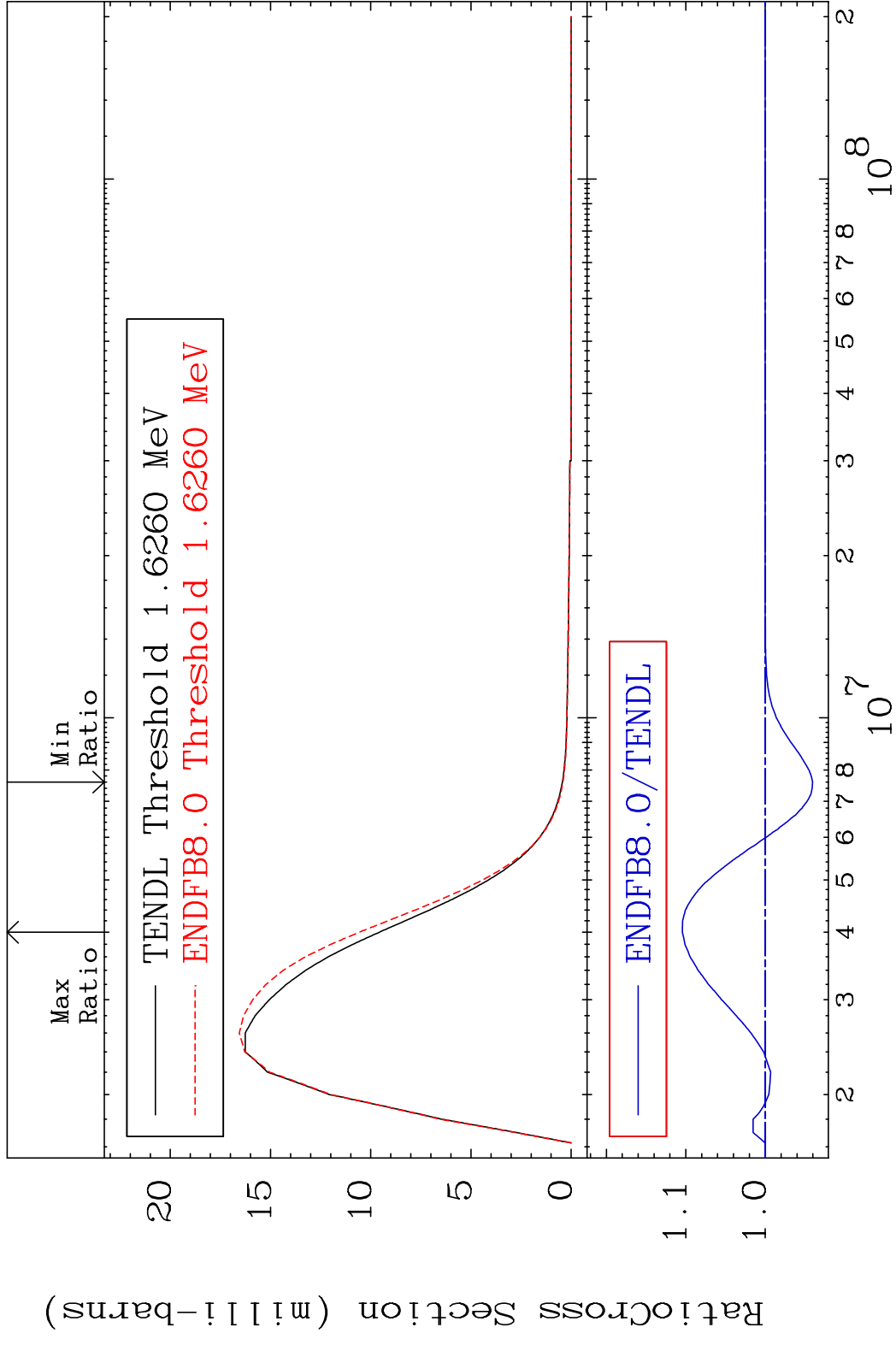
MAT 8228 MT= 66 (n,n') Level 82-Pb-205
 Cross Section -100.0 To 10.12 %



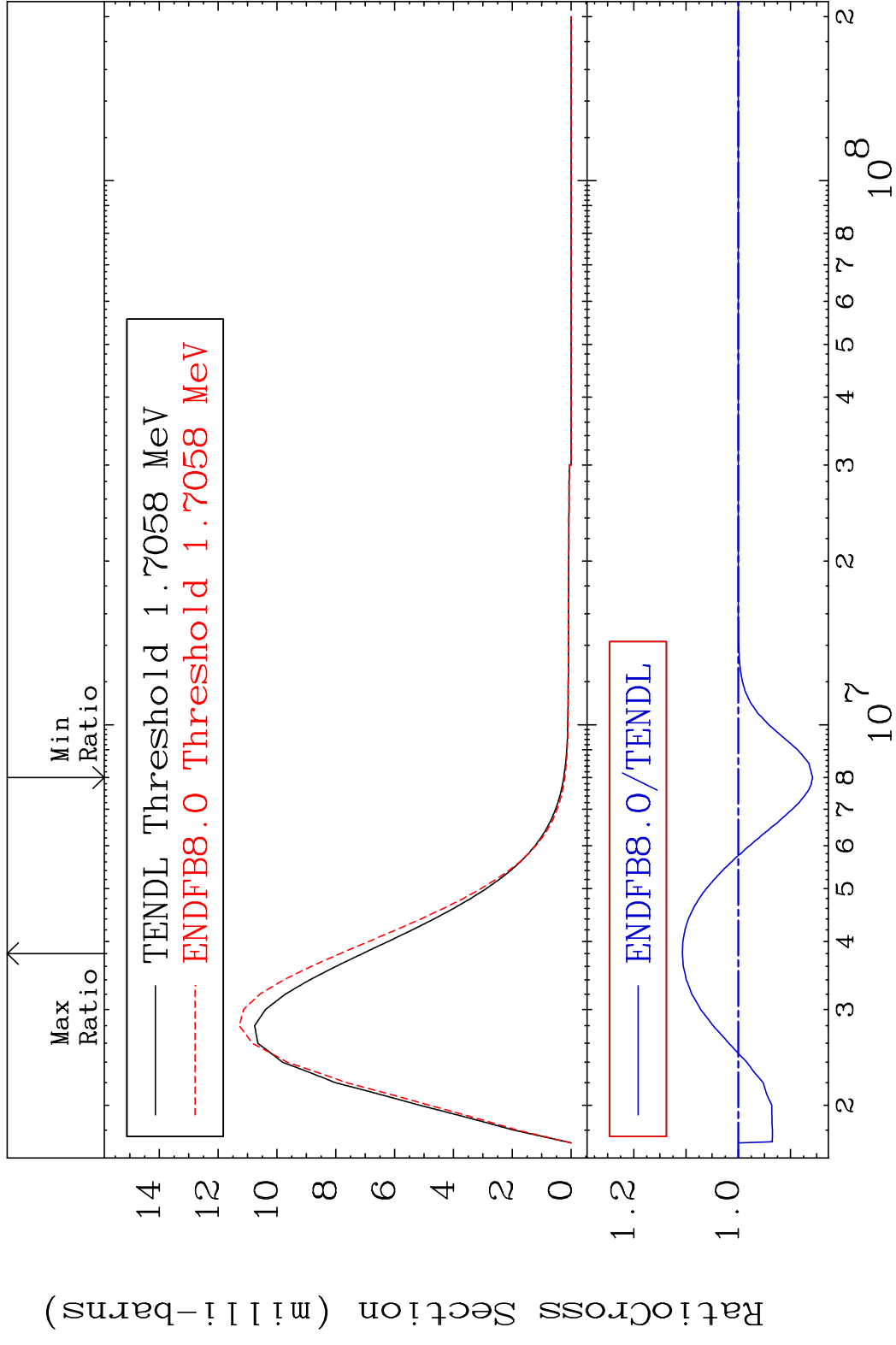
MAT 8228 MT= 67 (n, n') Level 82-Pb-205
 Cross Section -2.387 To 9.721 %



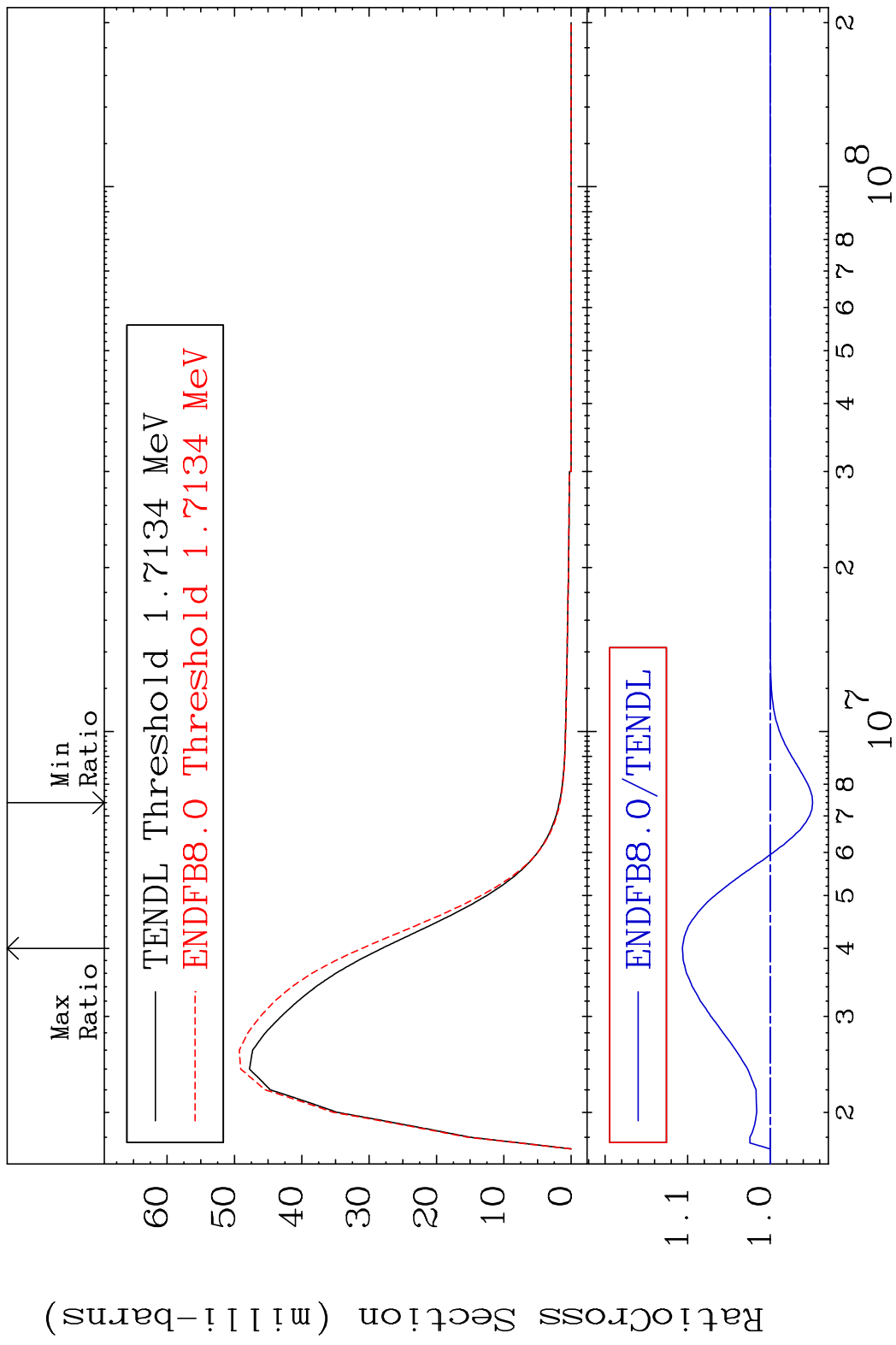
MAT 8228 MT= 68 (n, n') Level 82-Pb-205
 Cross Section -5.960 To 10.43 %



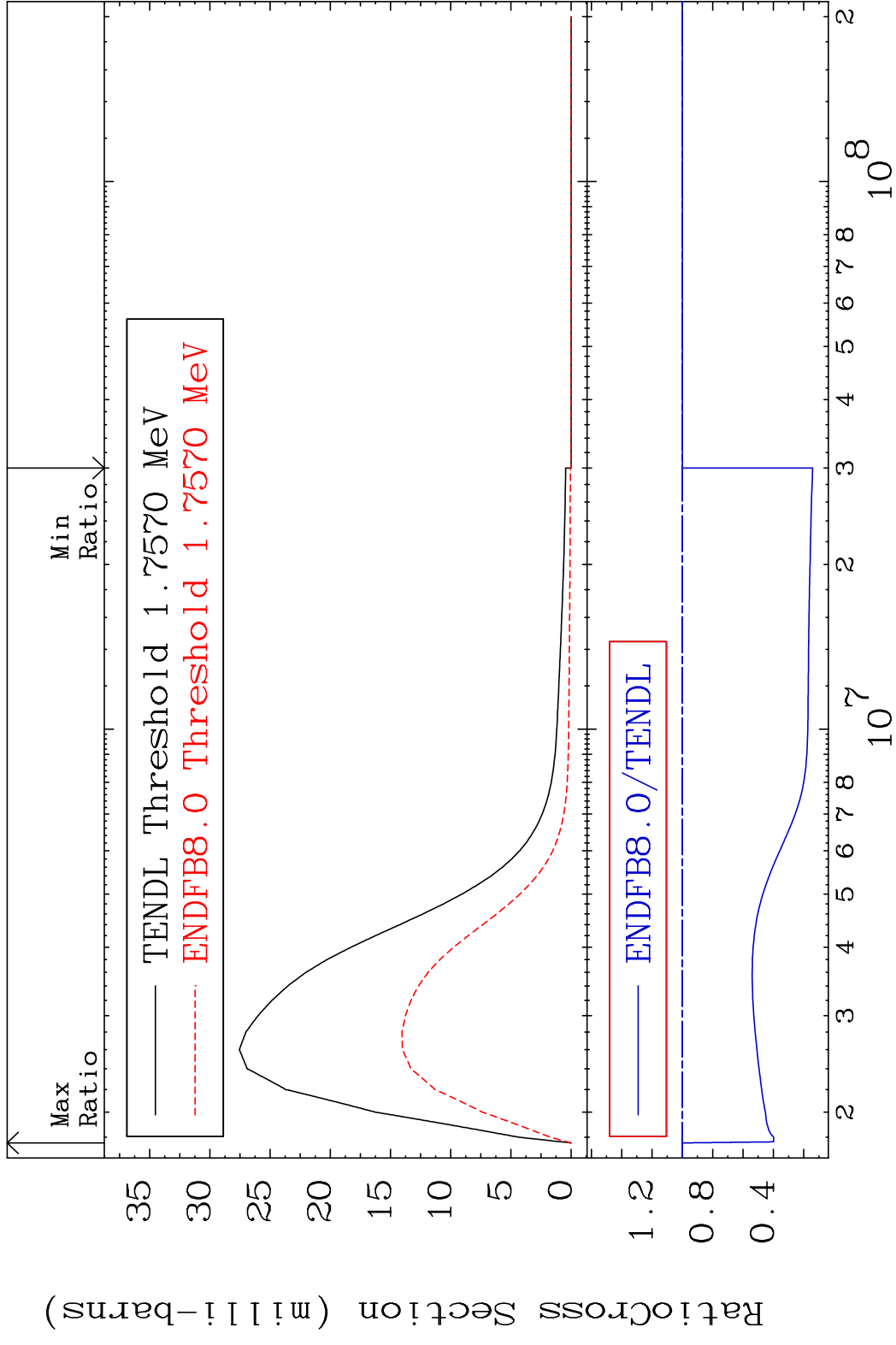
MAT 8228 MT= 69 (n, n') Level 82-Pb-205
 Cross Section -14.21 To 10.70 %



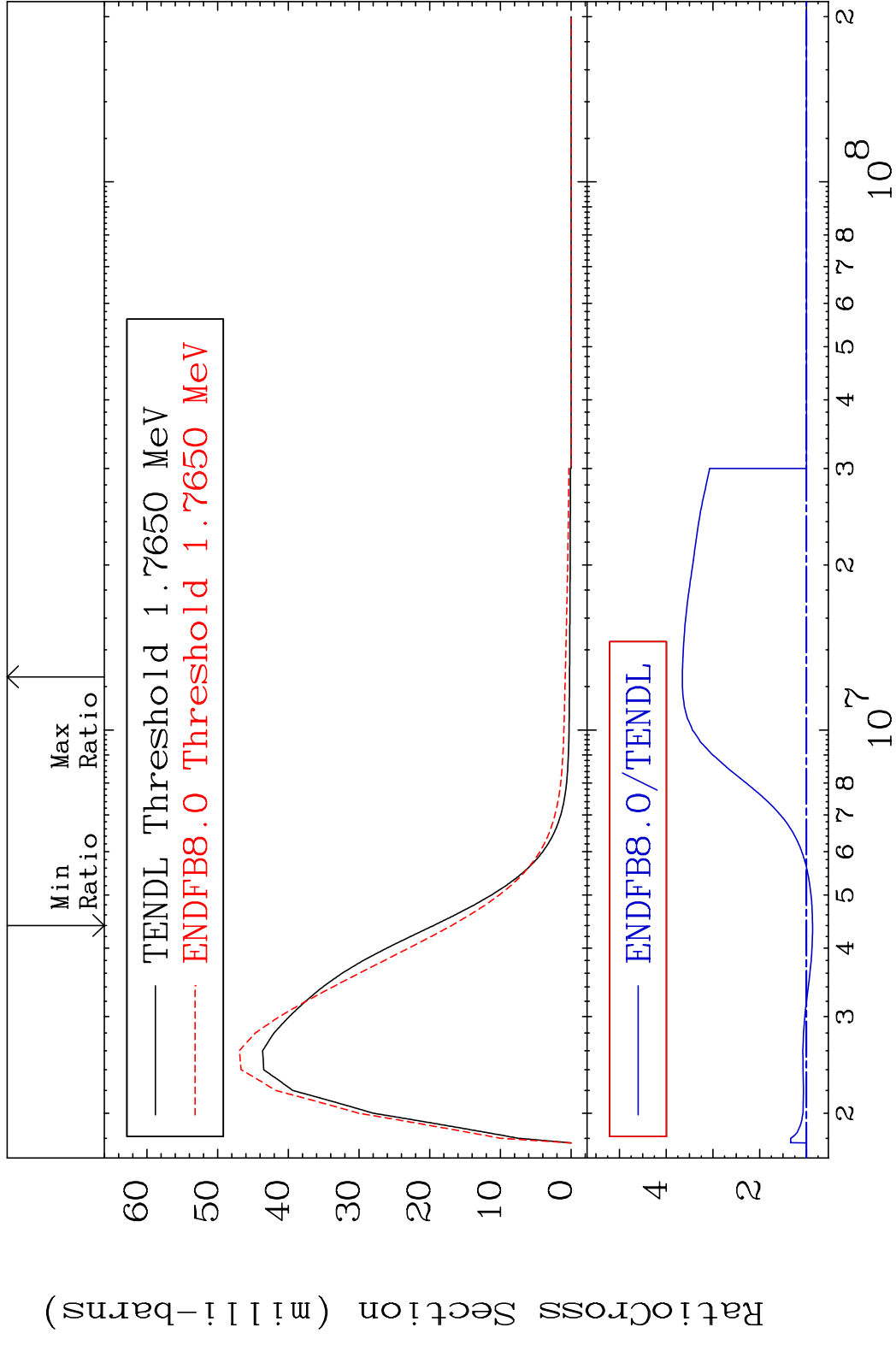
MAT 8228 MT= 70 (n,n') Level 82-Pb-205
 Cross Section -5.128 To 10.65 %



MAT 8228 MT= 71 (n, n') Level 82-Pb-205
 Cross Section -85.82 To 0.000 %

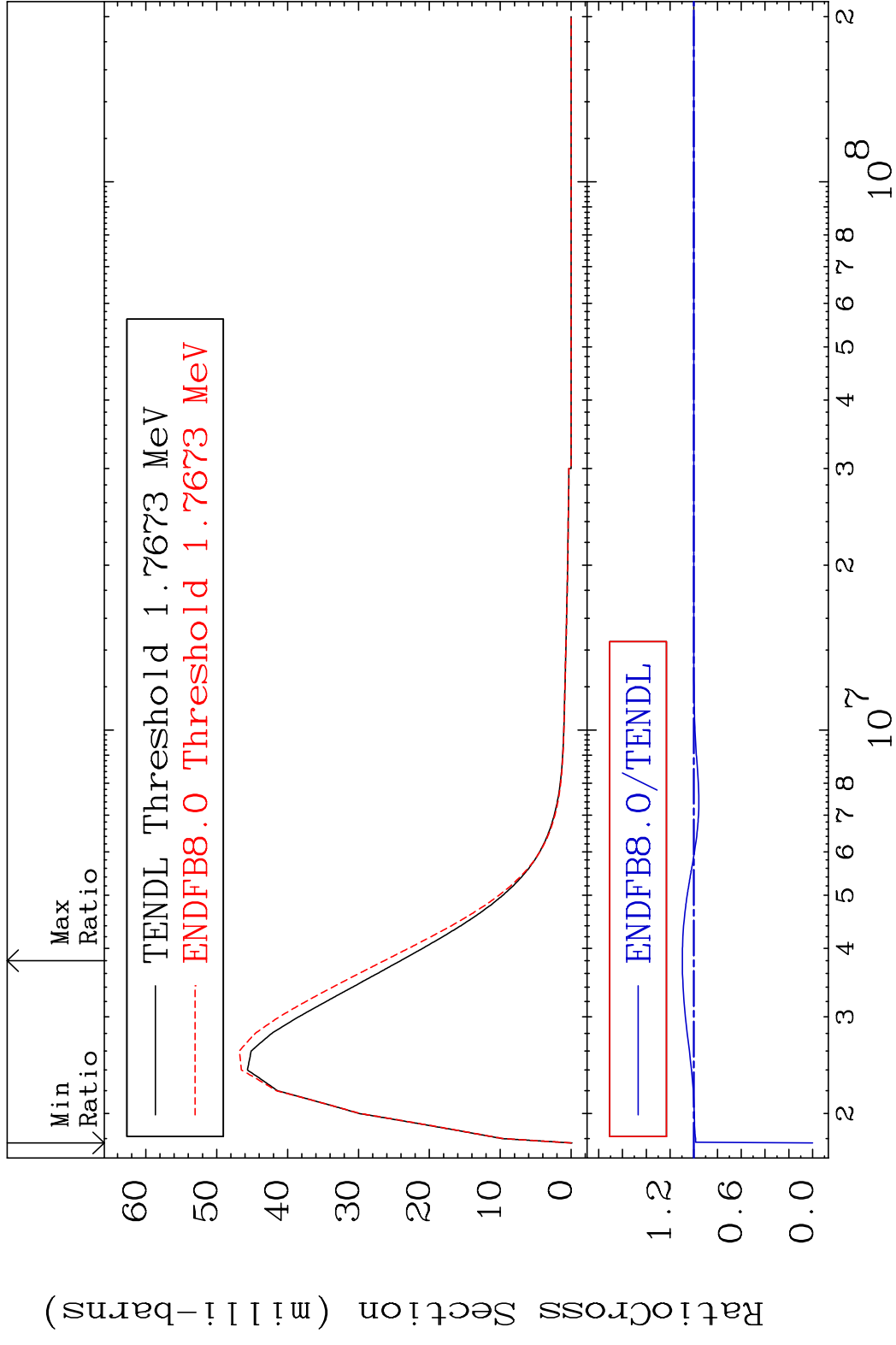


MAT 8228 MT= 72 (n, n') Level 82-Pb-205
 Cross Section -13.07 To 265.3 %

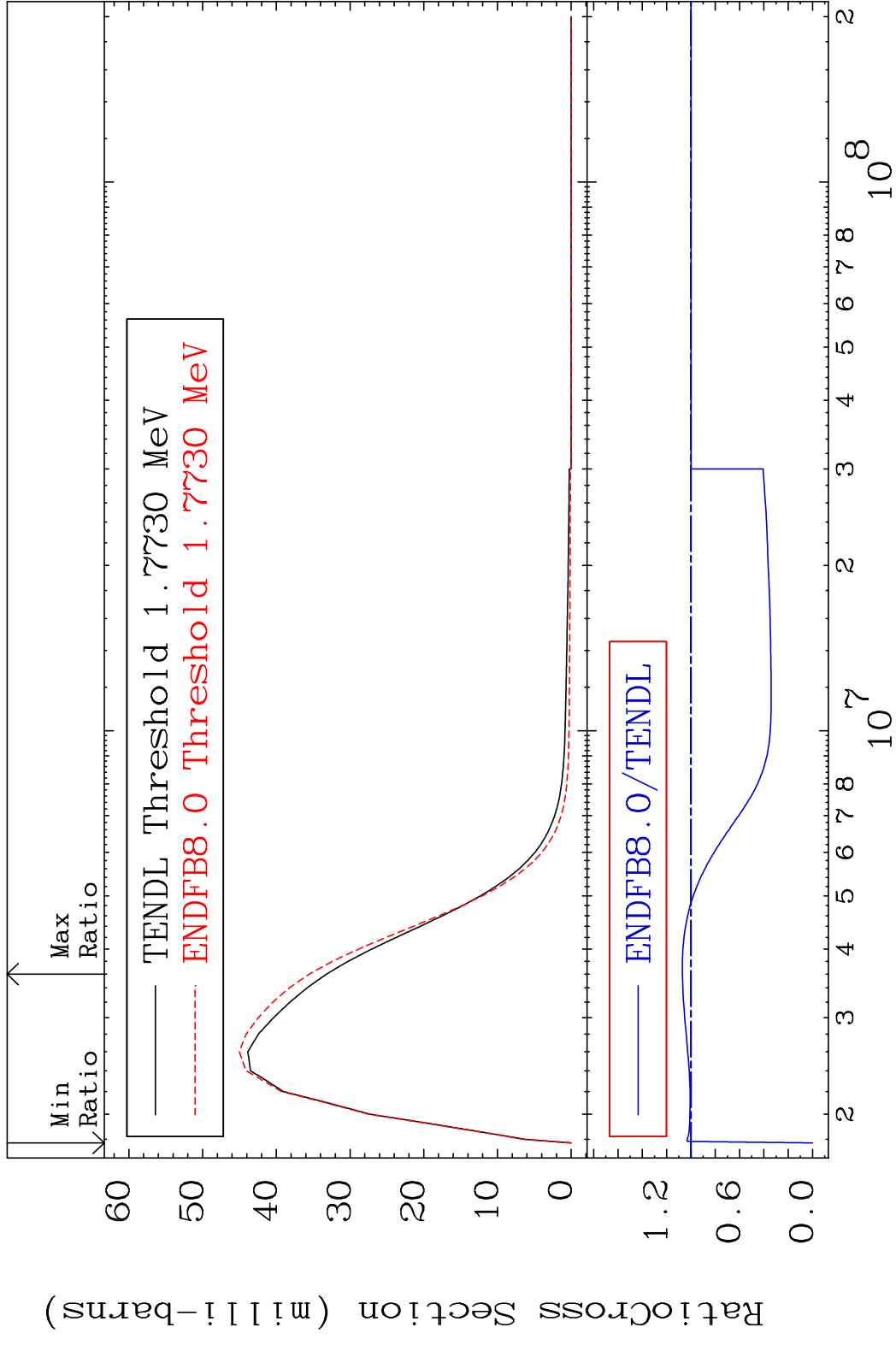


40 Incident Energy (eV) 82-Pb-205

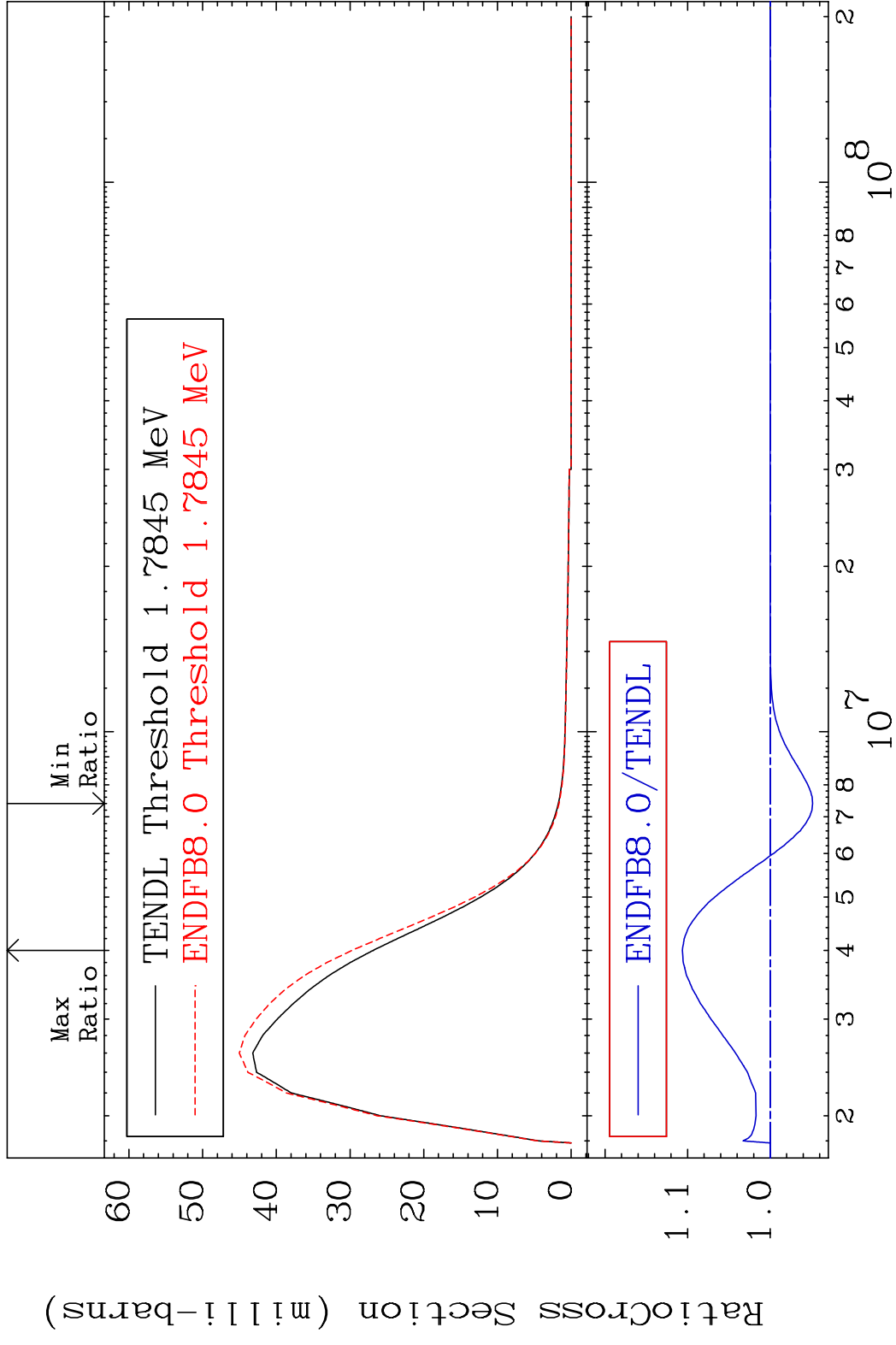
MAT 8228 MT= 73 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 9.614 %



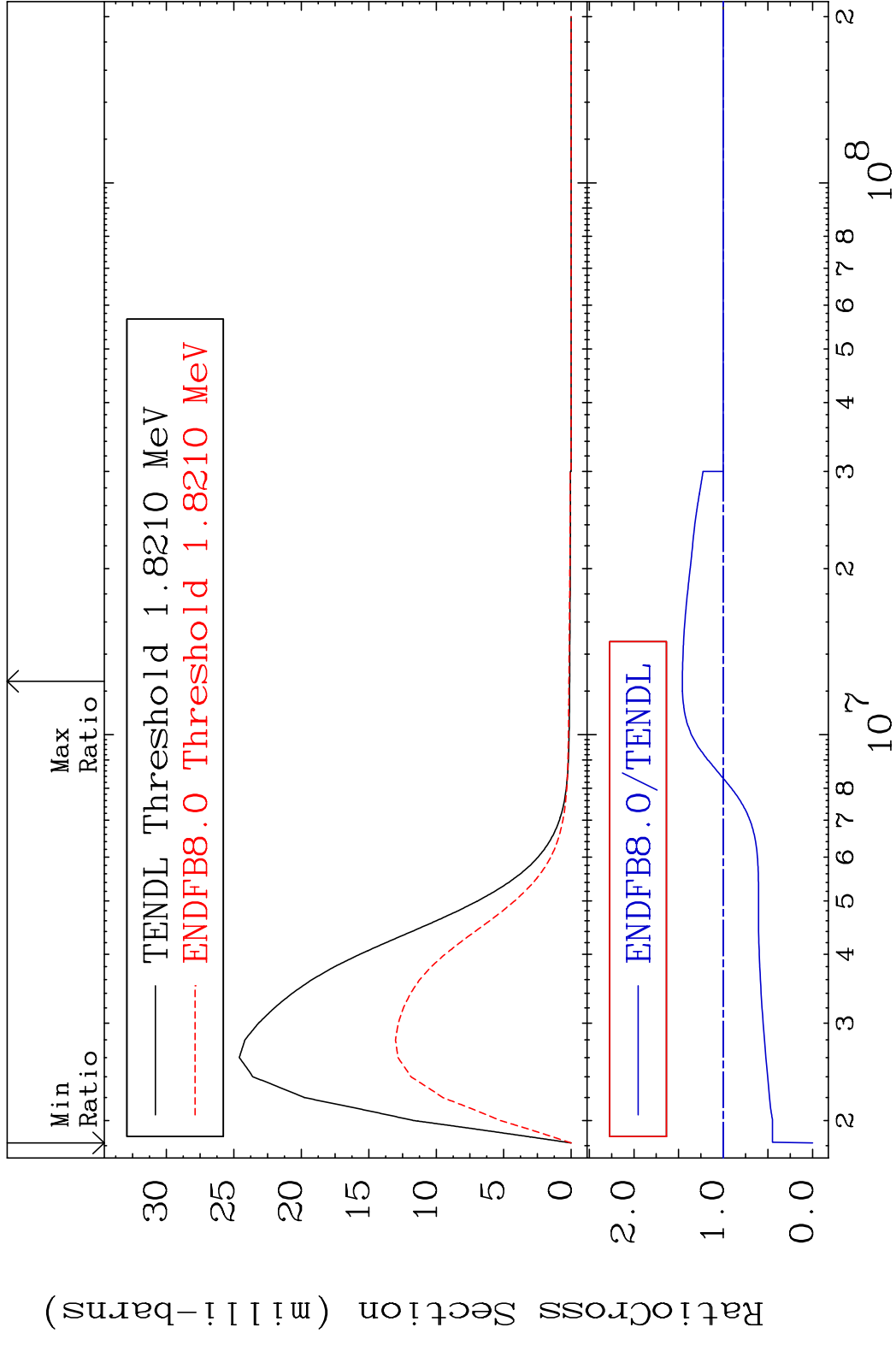
MAT 8228 MT= 74 (n,n') Level 82-Pb-205
 Cross Section -100.0 To 7.067 %



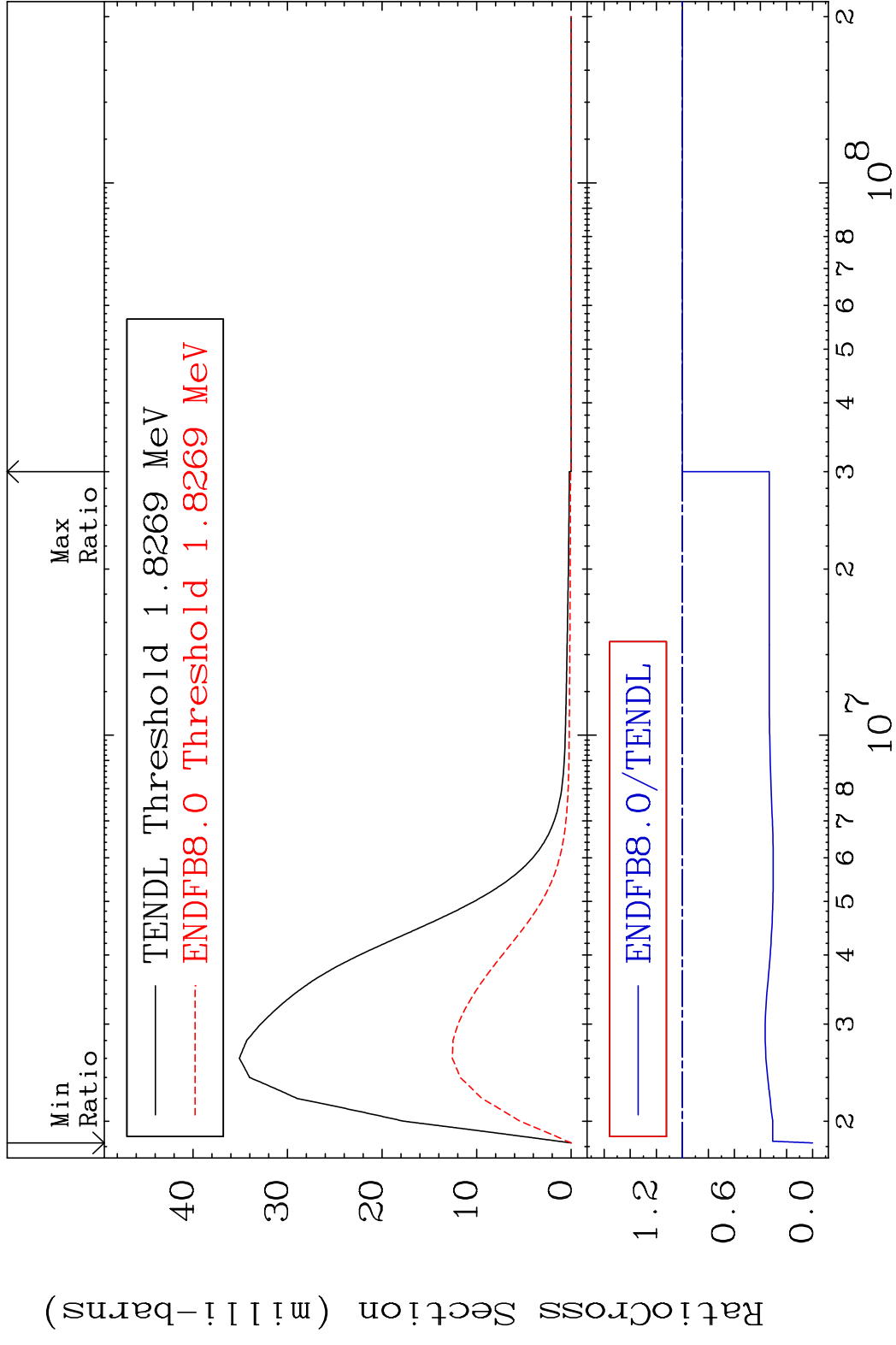
MAT 8228 MT= 75 (n,n') Level 82-Pb-205
 Cross Section -5.131 To 10.64 %



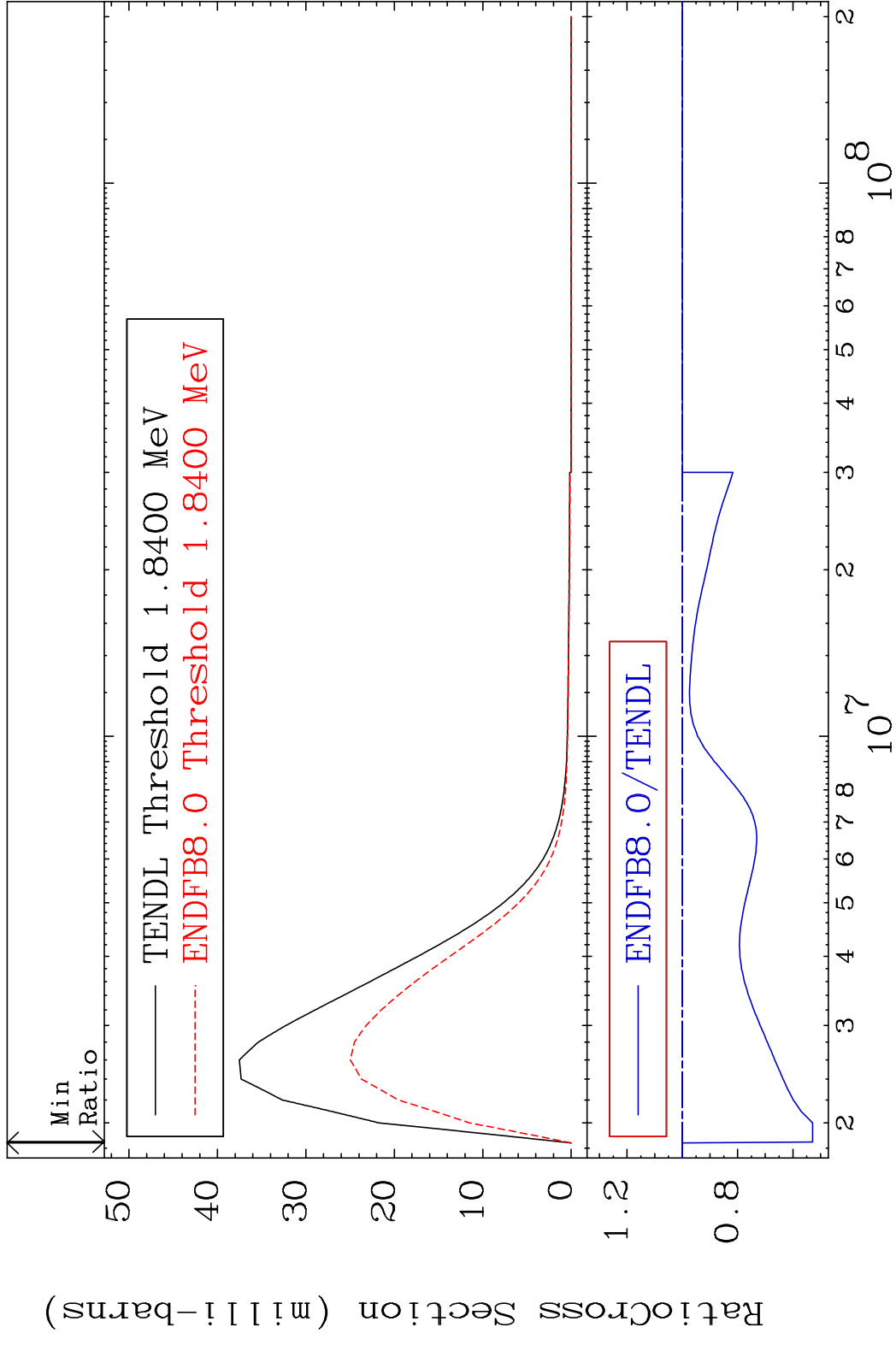
MAT 8228 MT= 76 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 45.80 %



MAT 8228 MT= 77 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.000 %

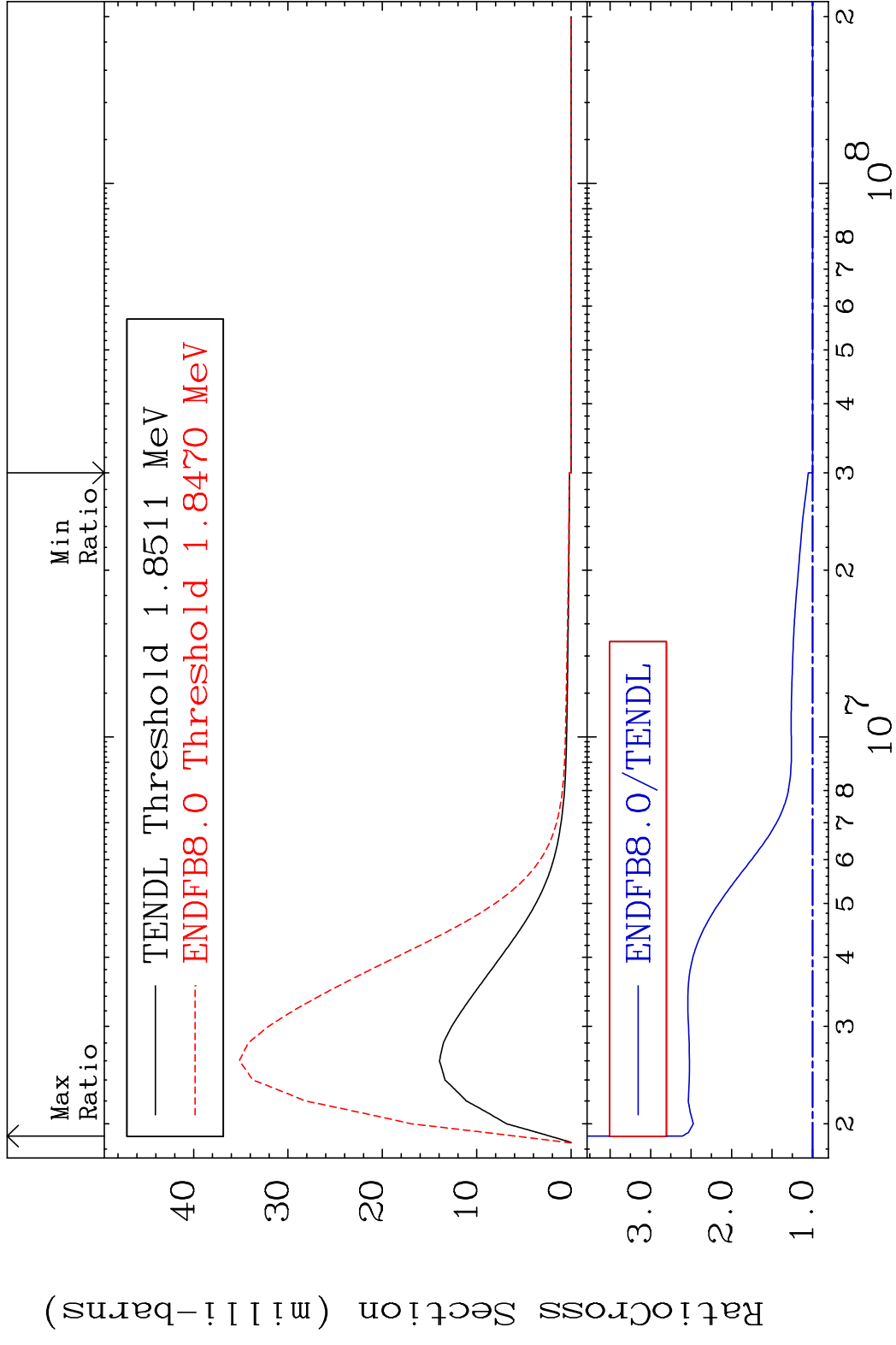


MAT 8228 MT= 78 (n,n') Level 82-Pb-205
 Cross Section -47.12 To 0.000 %



46 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 79 (n, n') Level 82-Pb-205
 Cross Section 0.000 To 160.8 %

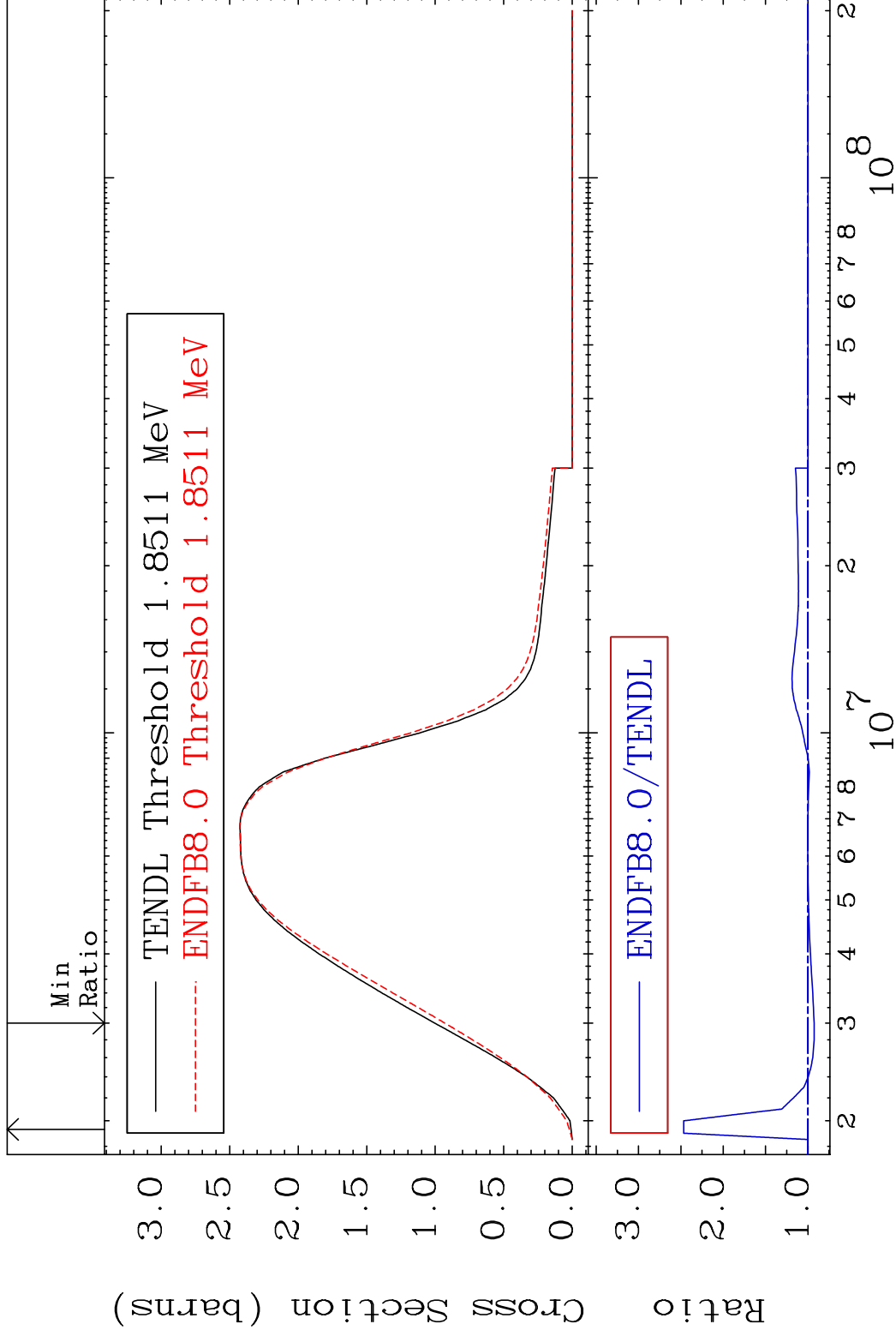


MAT 8228

(n,n') Continuum

82-Pb-205

Cross Section -7.354 To 146.7 %



48

Incident Energy (eV)

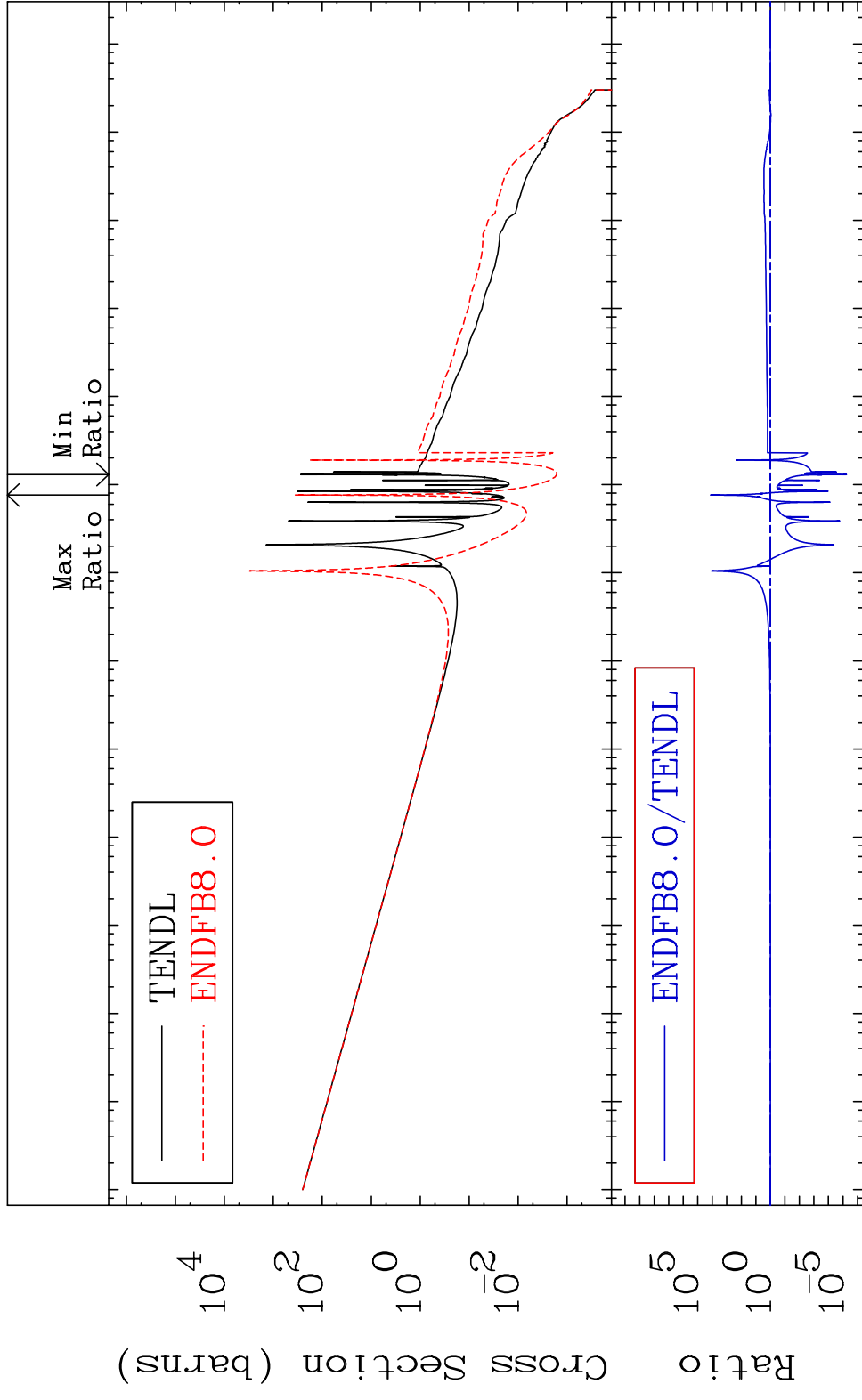
82-Pb-205

MAT 8228

82-Pb-205

(n, γ)

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

82-Pb-205

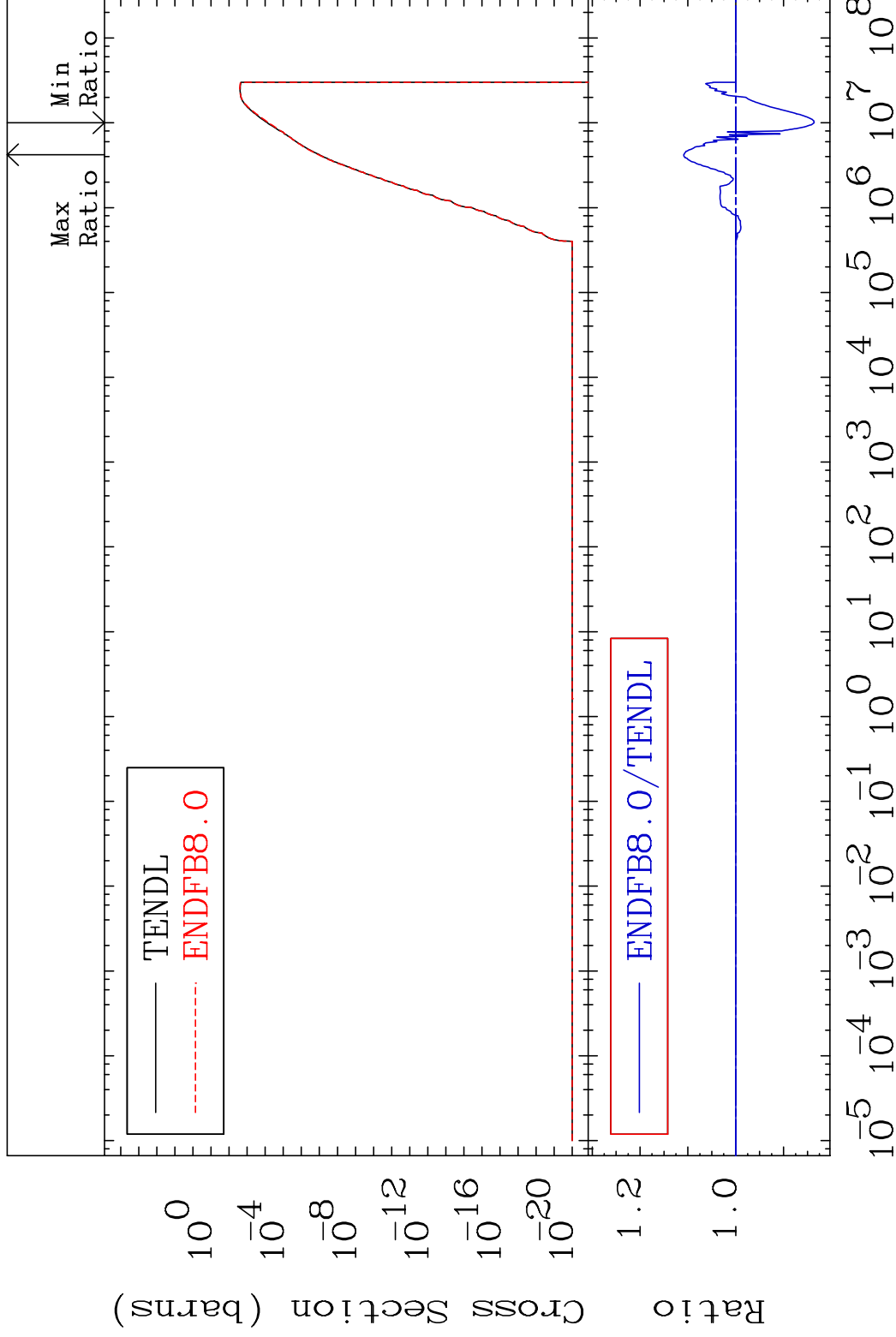
MAT 8228

(n,p)

82-Pb-205

Cross Section

-16.38 To 10.89 %

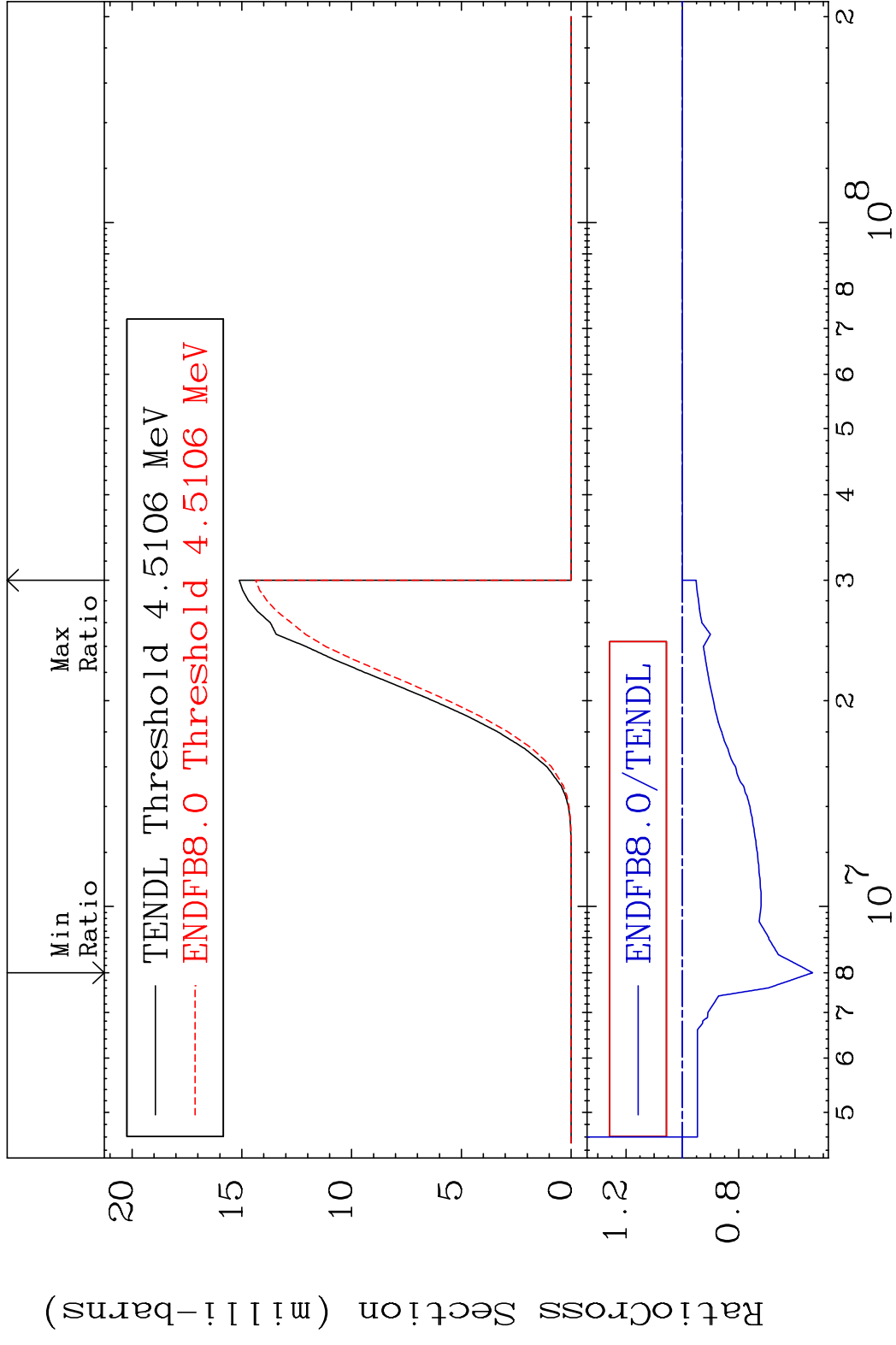


50

Incident Energy (eV)

82-Pb-205

MAT 8228 (n,d) 82-Pb-205
 Cross Section -46.20 To 0.000 %

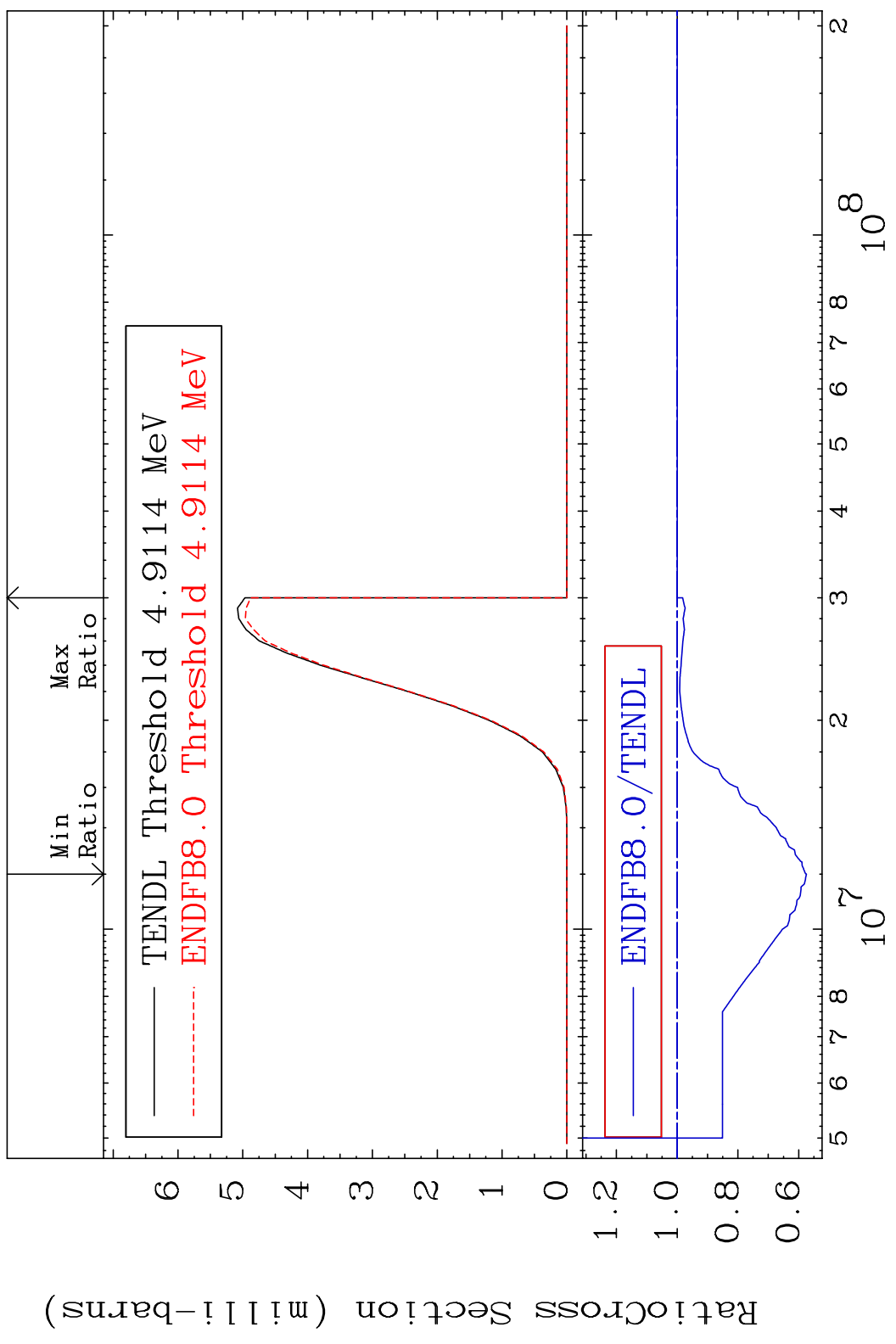


MAT 8228

(n, t)

82-Pb-205

Cross Section -42.55 To 0.000 %

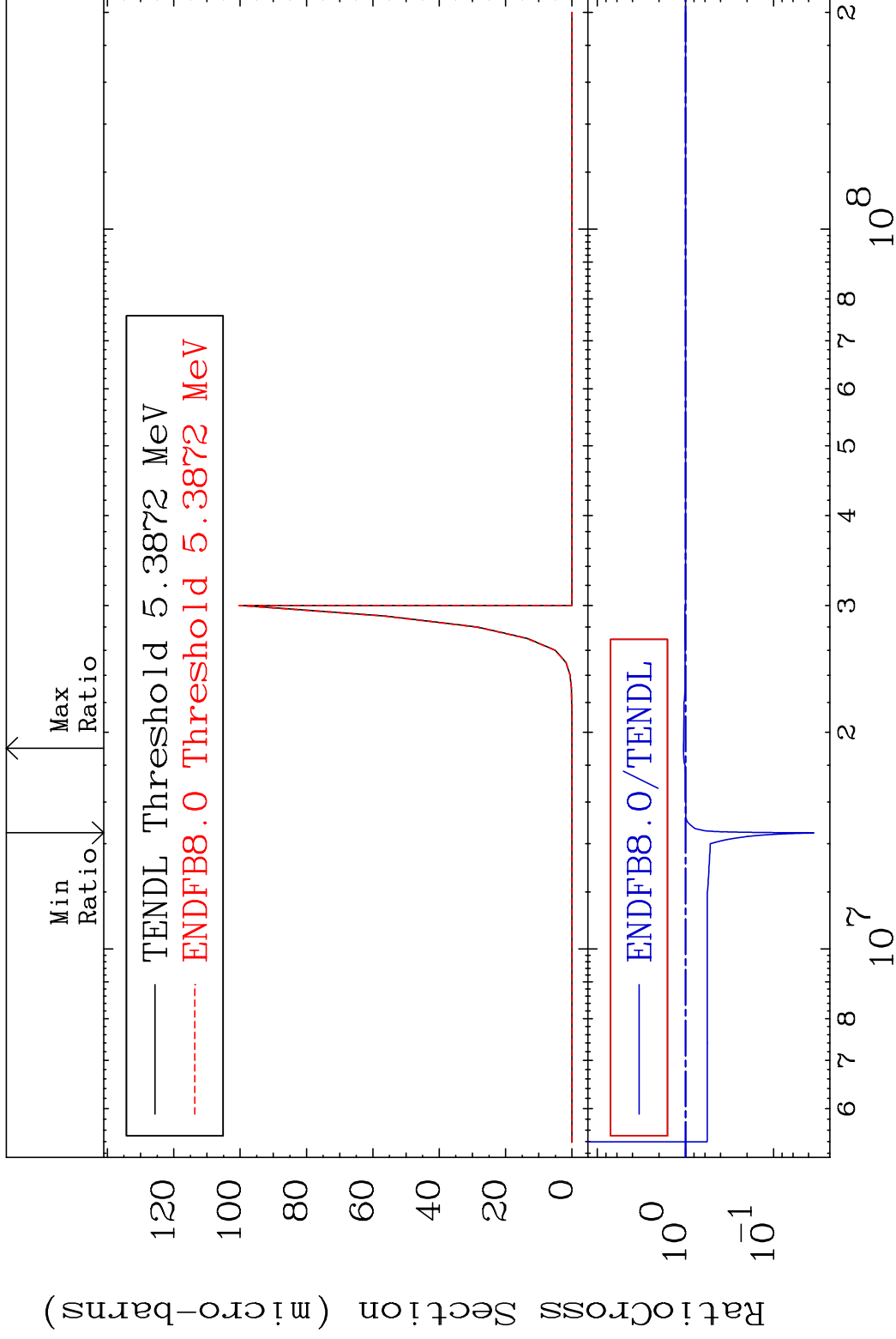


MAT 8228

(n, He-3)

82-Pb-205

Cross Section -96.52 To 5.443 %



53

Incident Energy (eV)

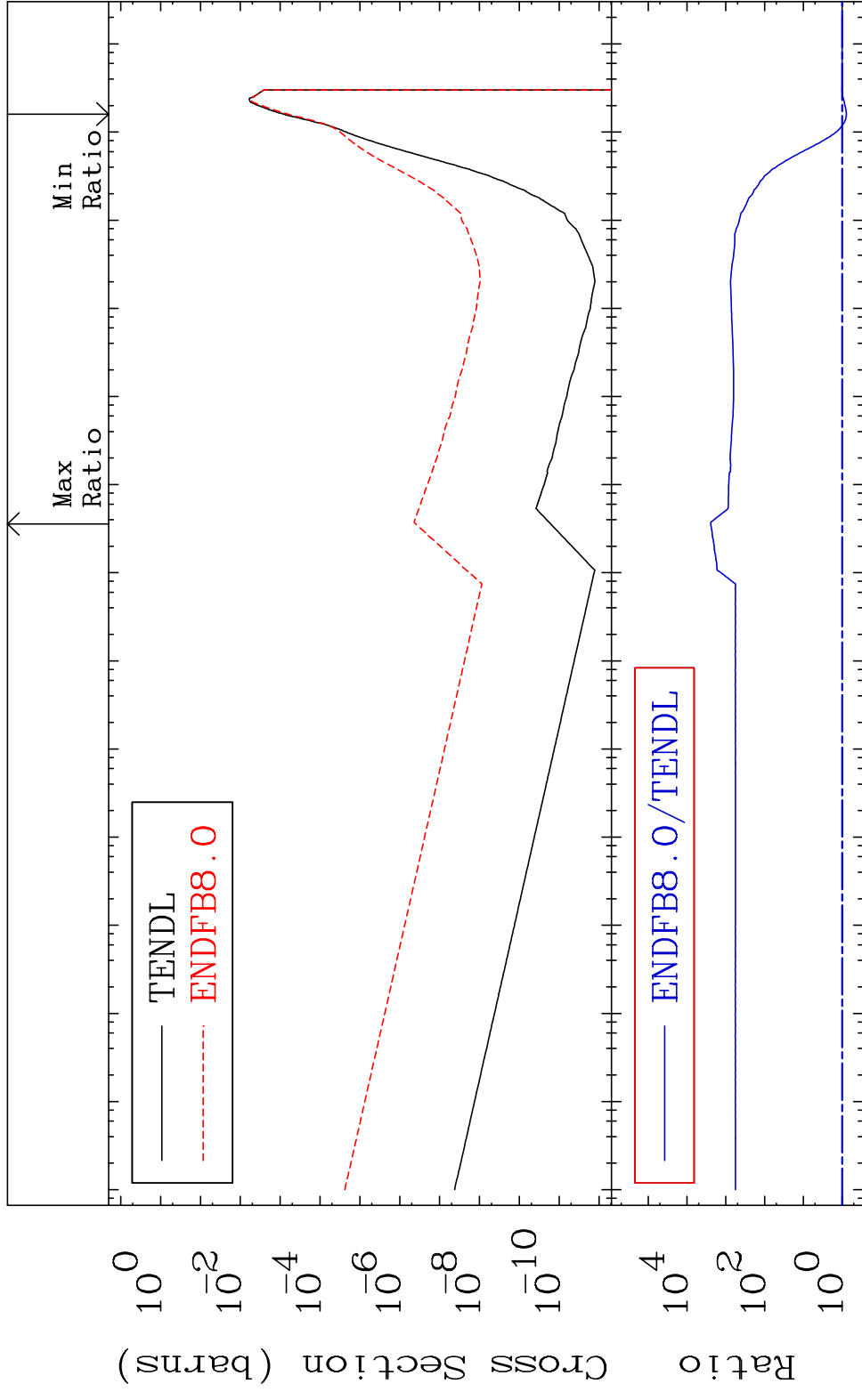
82-Pb-205

MAT 8228

82-Pb-205

(n, α)

Cross Section -22.28 To 9999. %



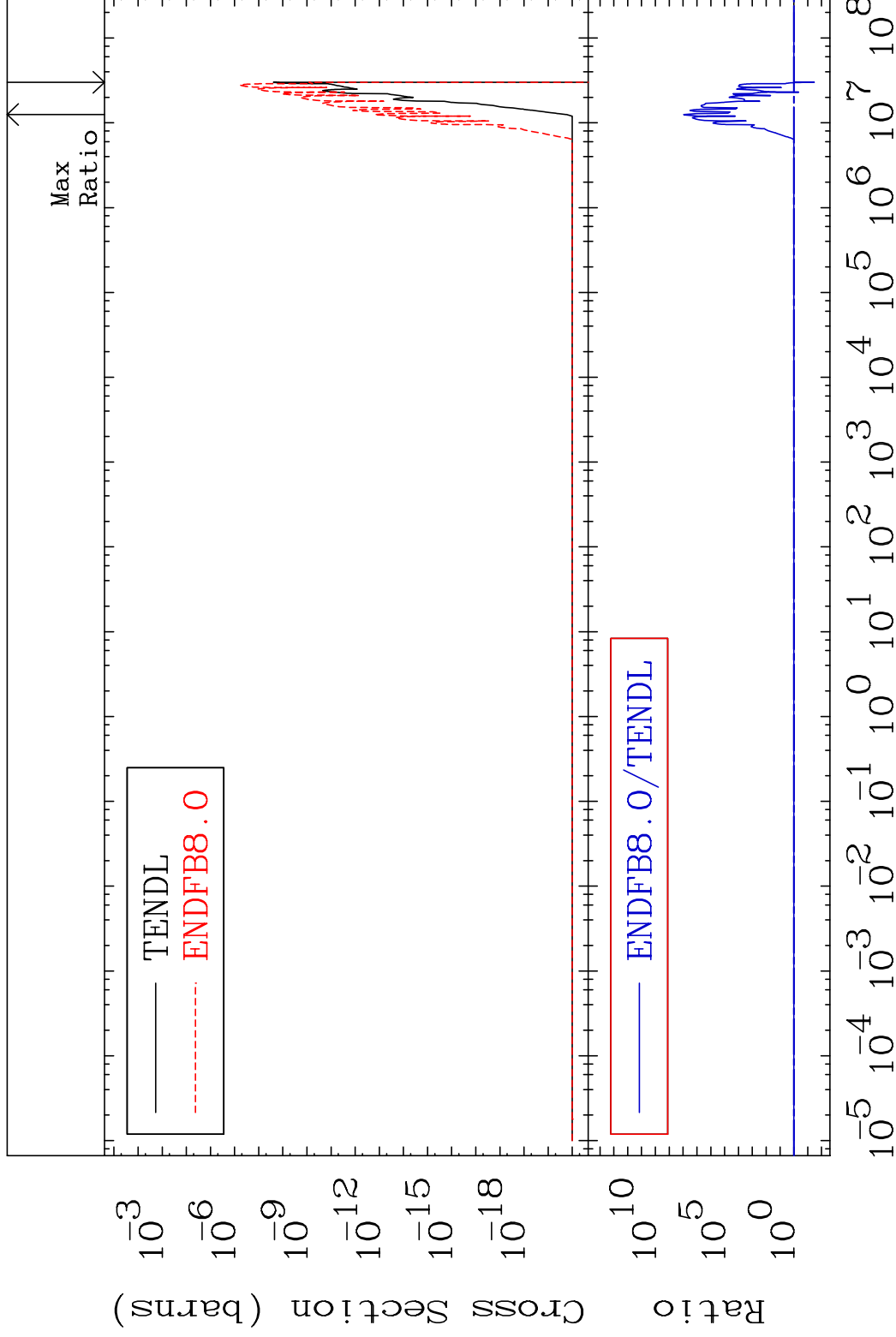
MAT 8228

(n,2α)

82-Pb-205

Cross Section

-96.54 To 9999. %

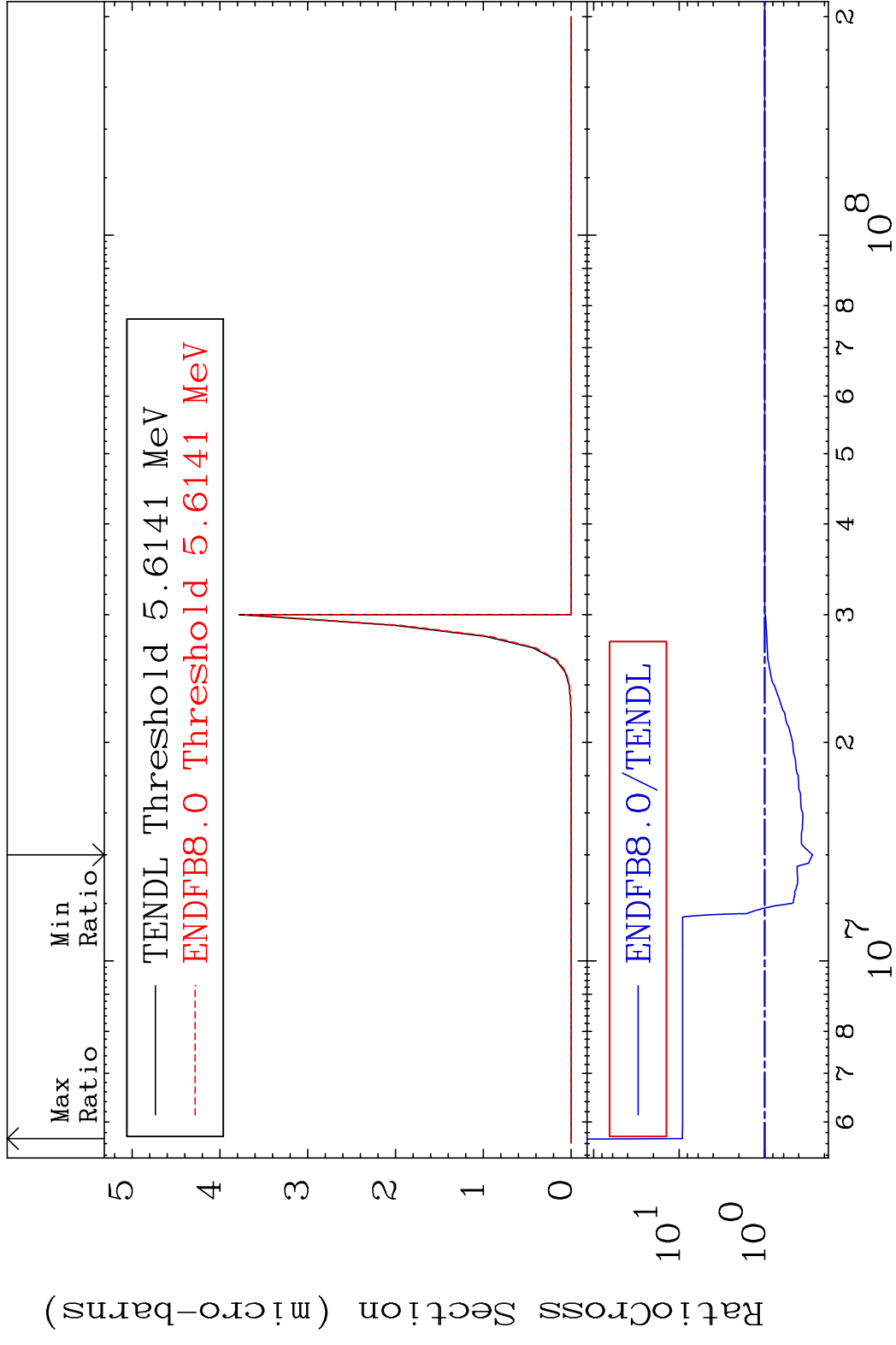


55

Incident Energy (eV)

82-Pb-205

MAT 8228 (n,2p) 82-Pb-205
 Cross Section -72.39 To 817.8 %

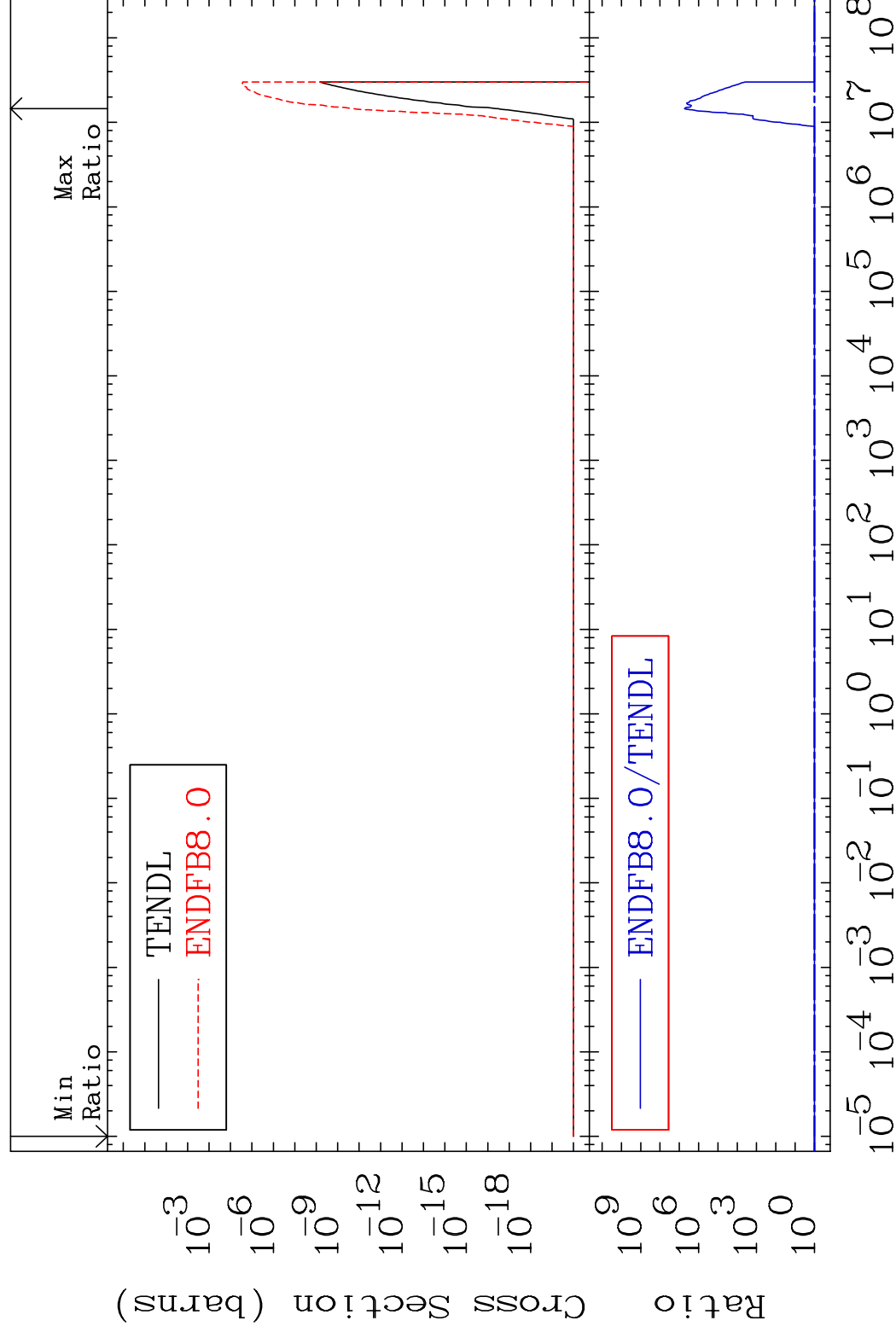


MAT 8228

(n,p) α

82-Pb-205

Cross Section 0.000 To 9999. %



57

Incident Energy (eV)

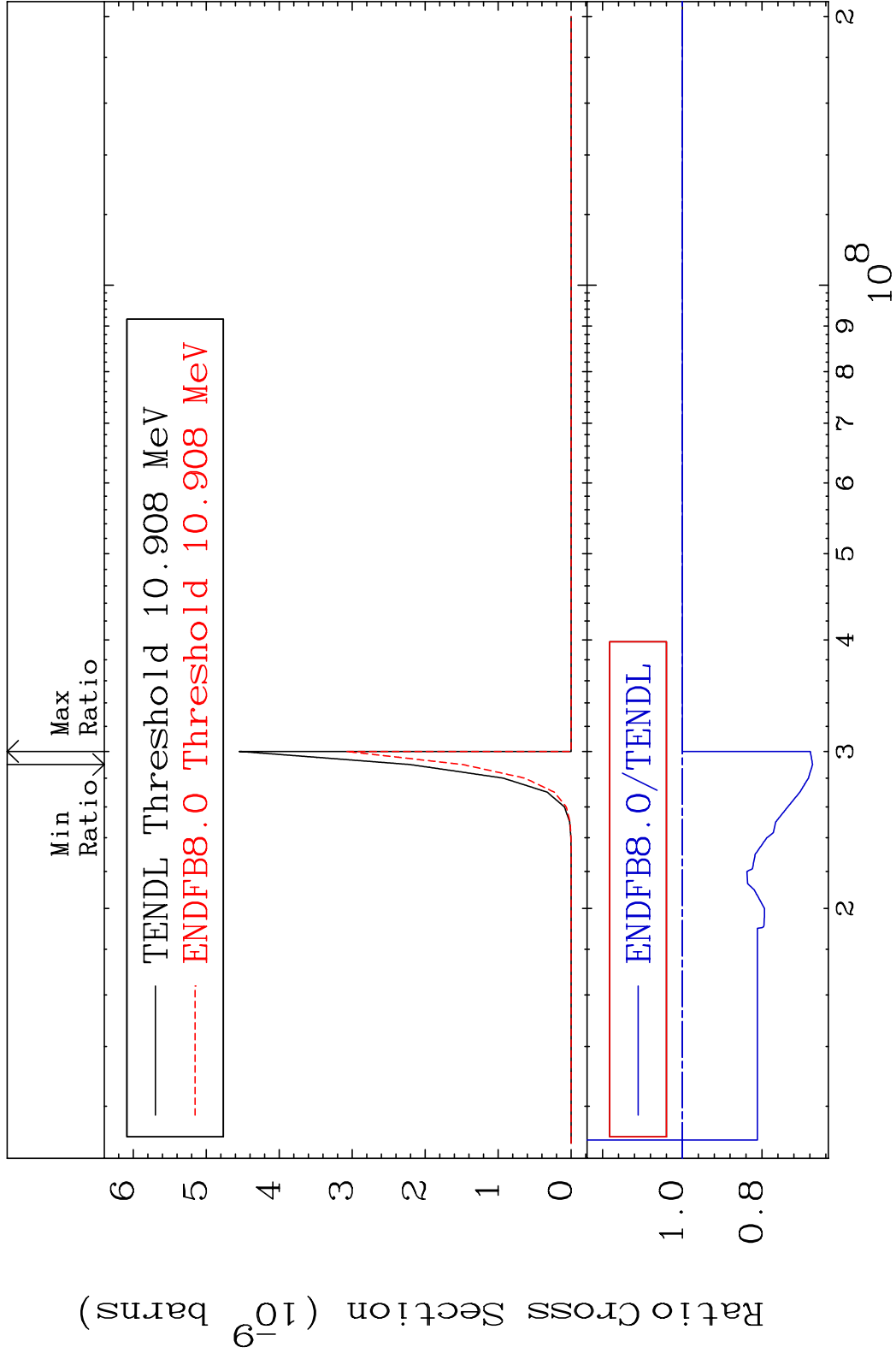
82-Pb-205

MAT 8228

(n,p) d

82-Pb-205

Cross Section -32.68 To 0.000 %

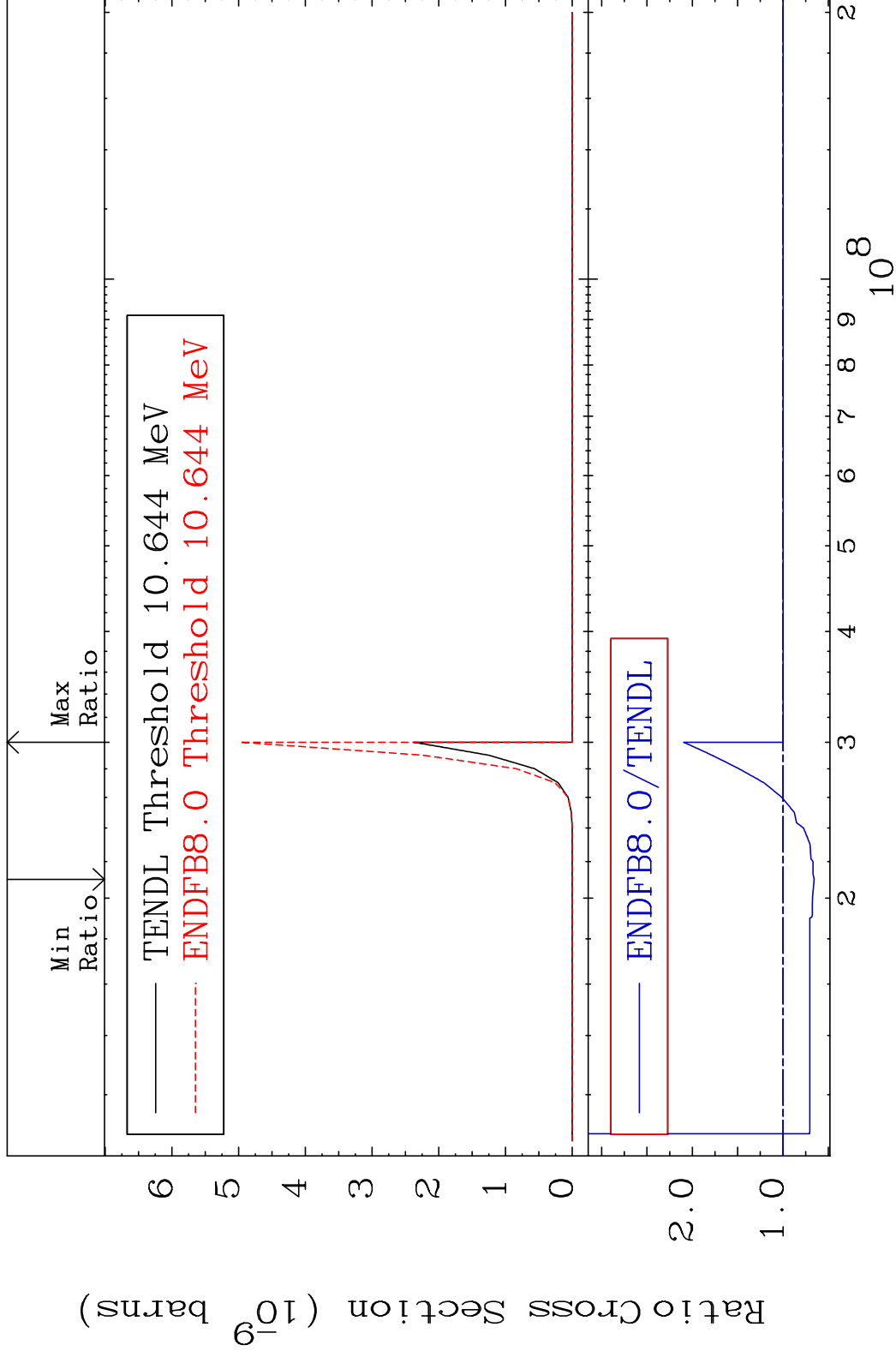


MAT 8228

(n,p) t

82-Pb-205

Cross Section -34.33 To 109.6 %



59

Incident Energy (eV)

82-Pb-205

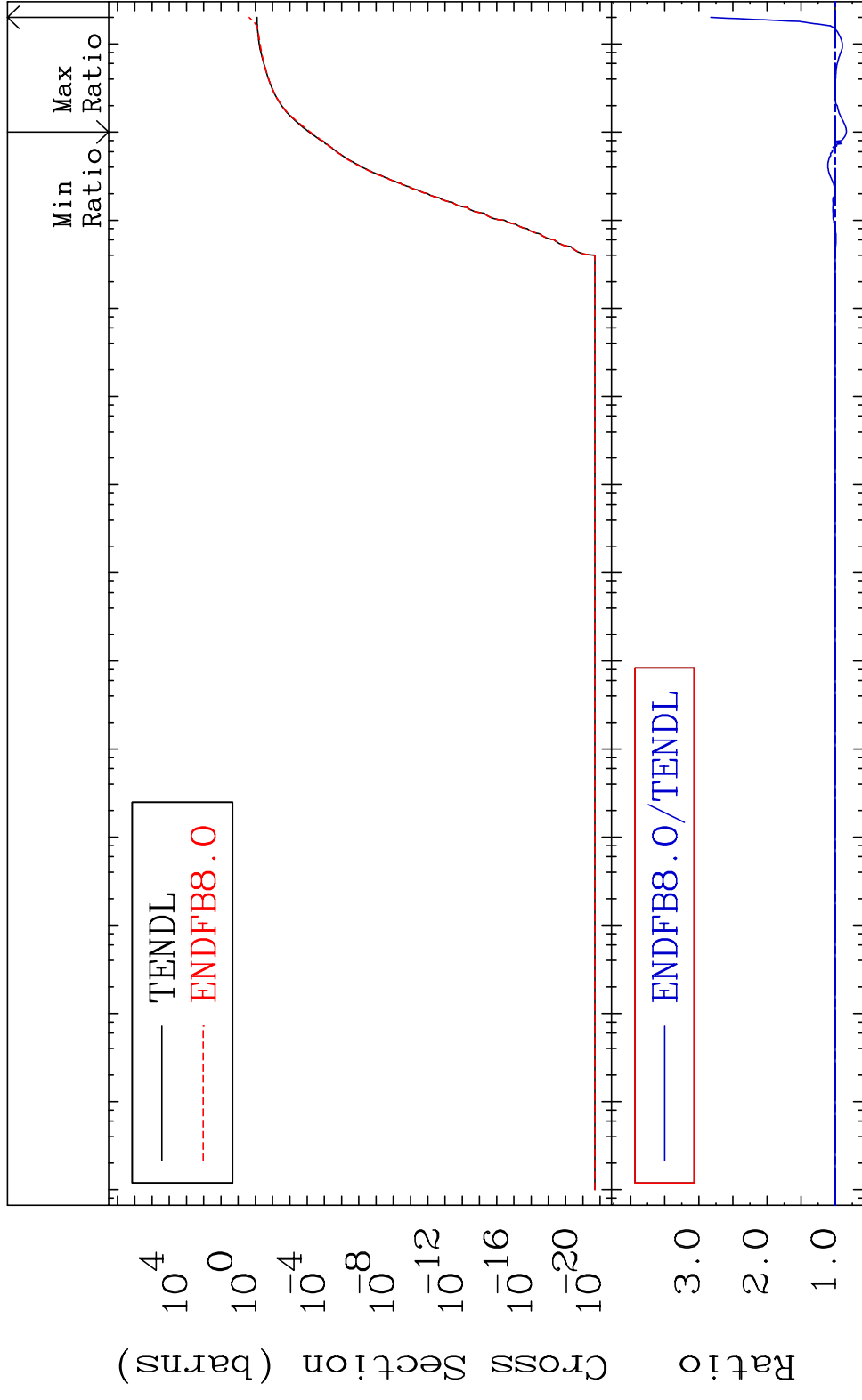
MAT 8228

Hydrogen Production

82-Pb-205

Cross Section

-16.38 To 182.5 %



60

Incident Energy (eV)

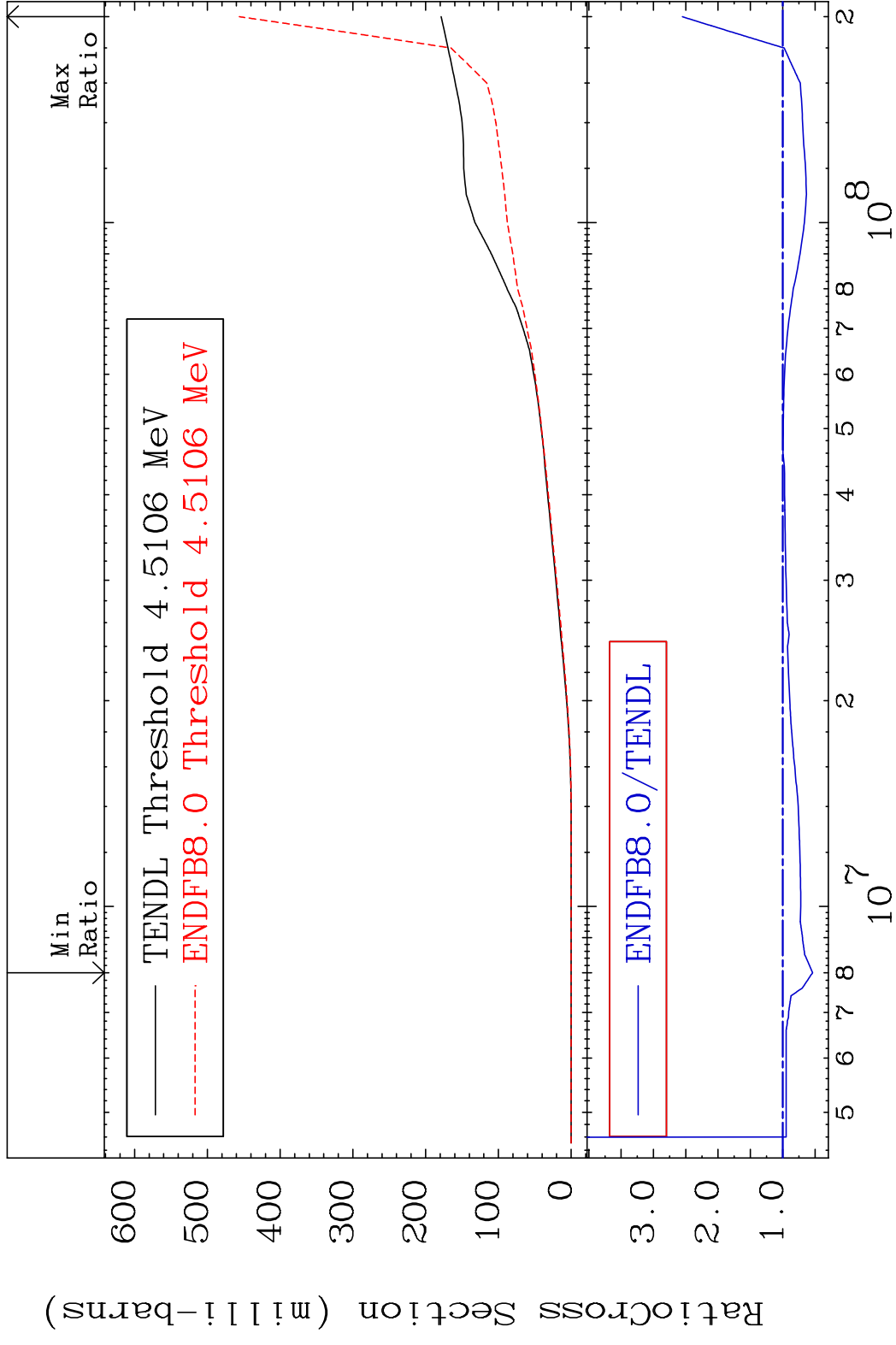
82-Pb-205

MAT 8228

Deuterium Production

82-Pb-205

Cross Section -46.20 To 155.3 %

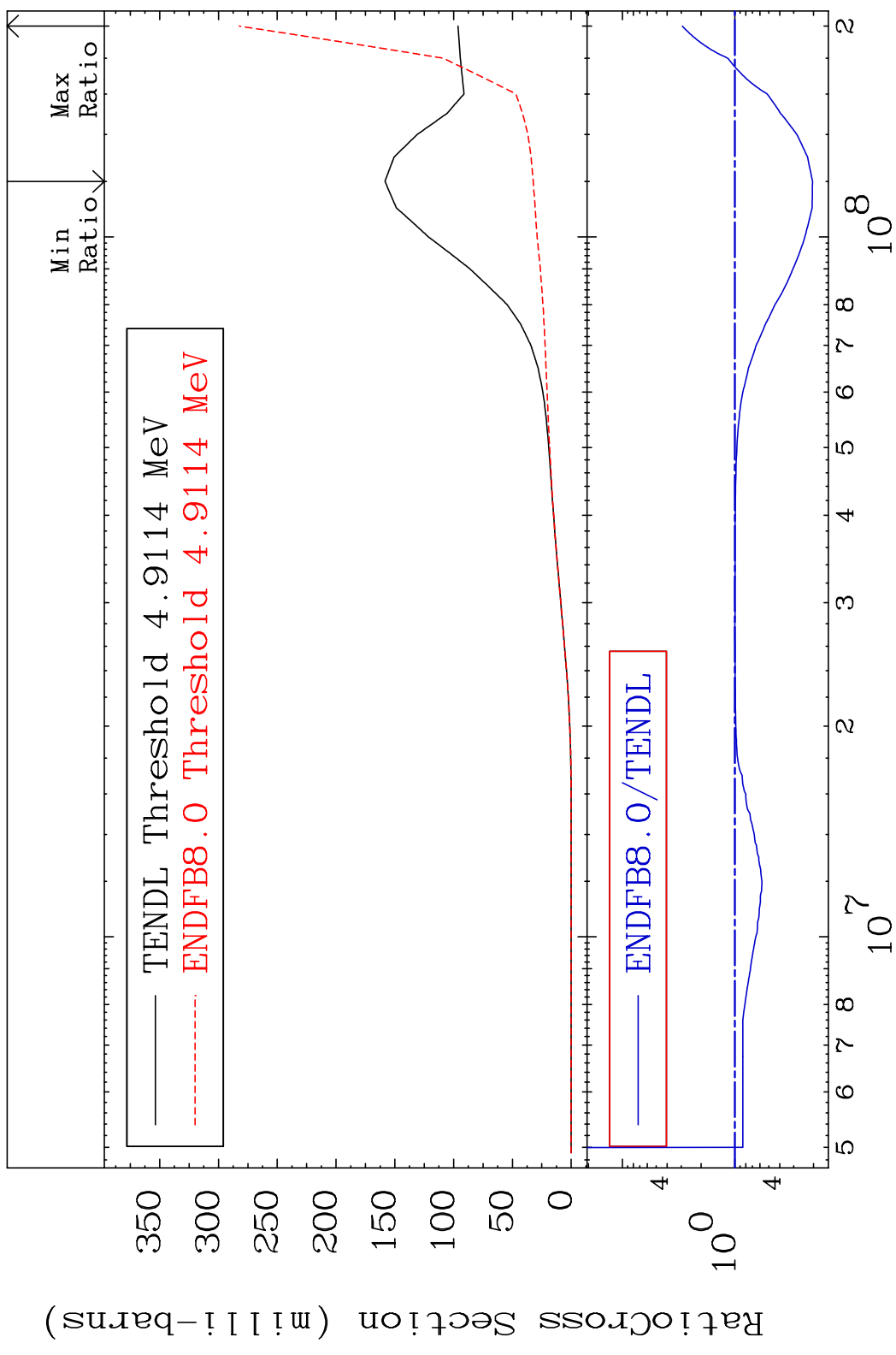


MAT 8228

Tritium Production

82-Pb-205

Cross Section -79.60 To 193.1 %

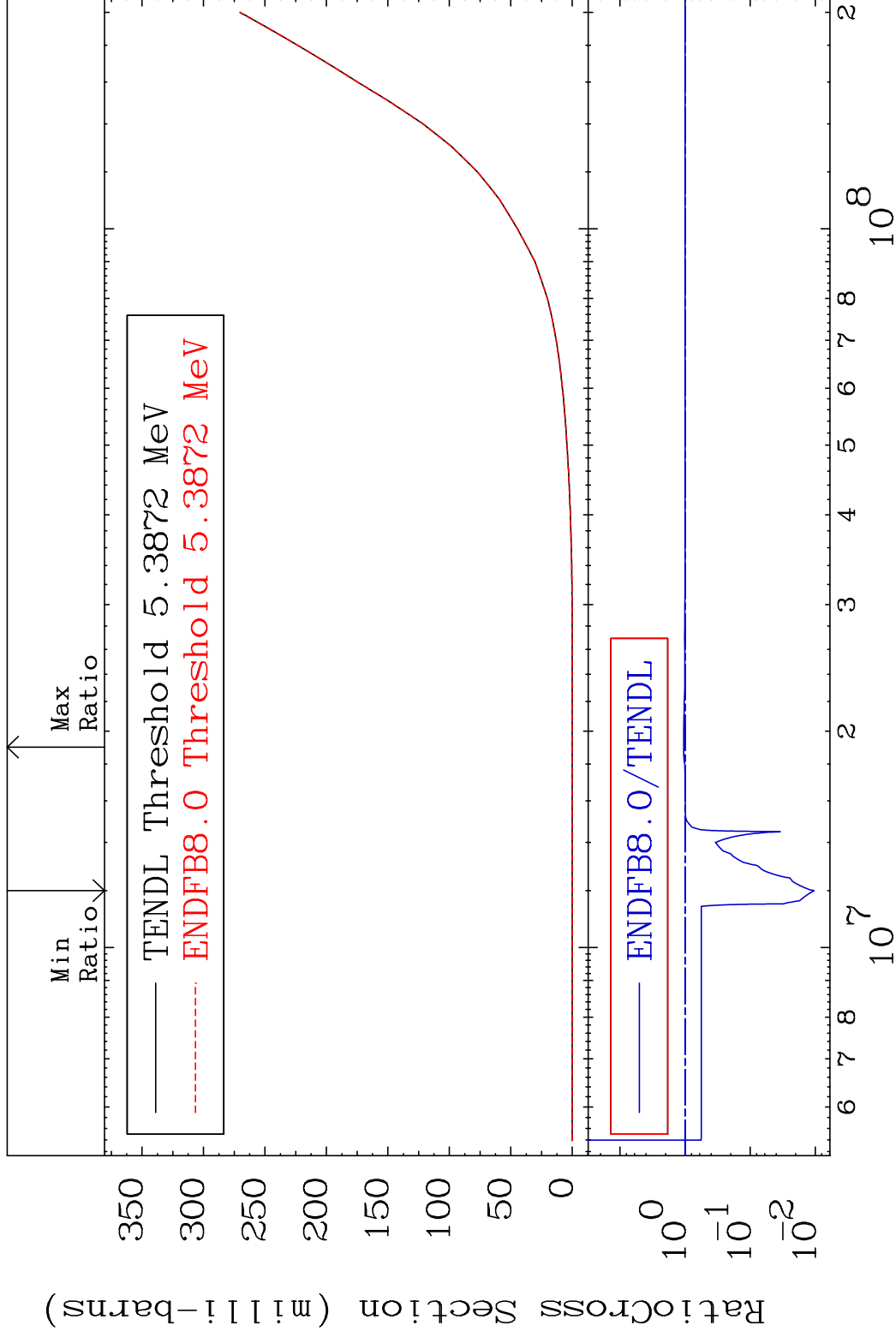


MAT 8228

He-3 Production

82-Pb-205

Cross Section -98.95 To 5.443 %



63

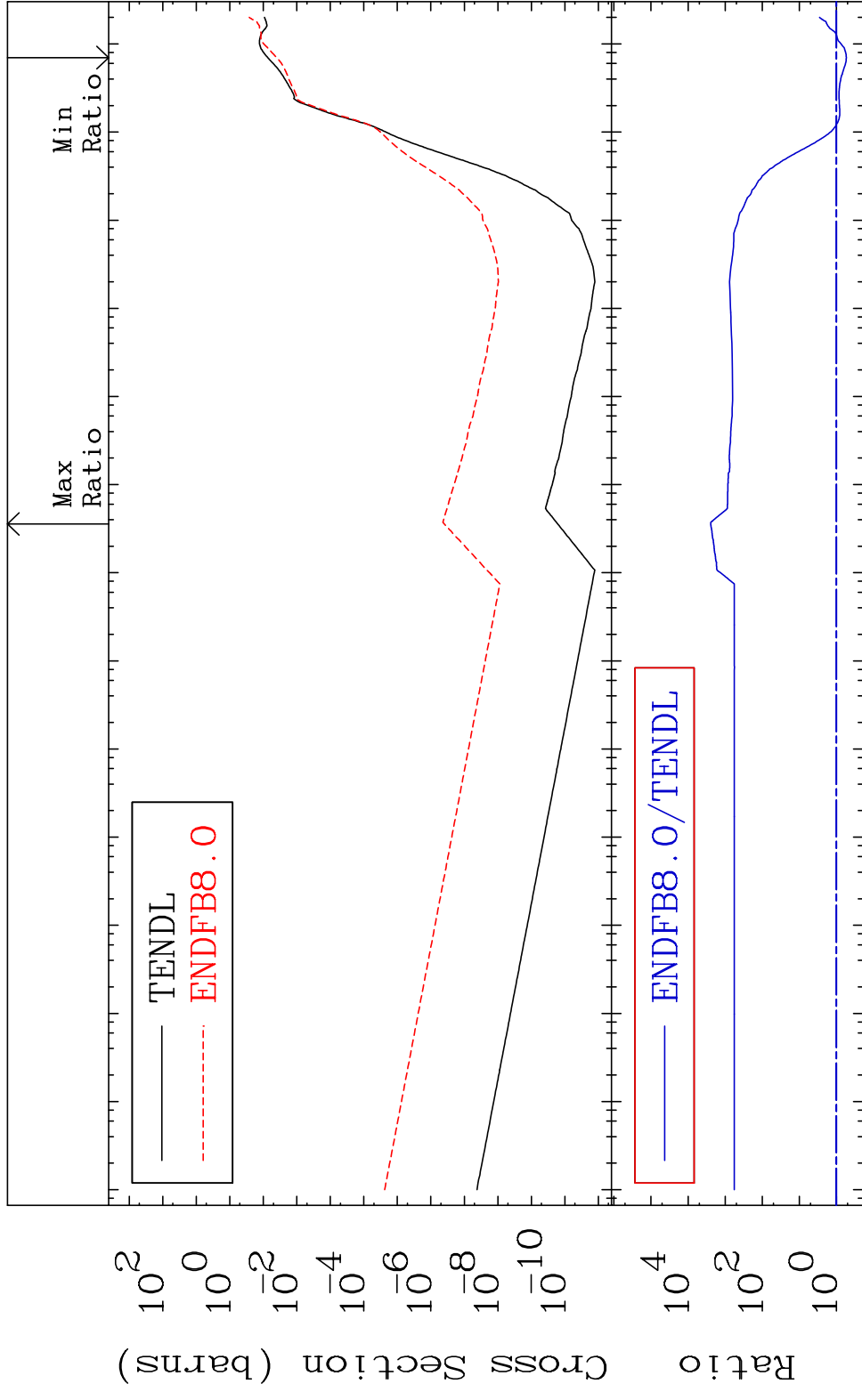
Incident Energy (eV)

82-Pb-205

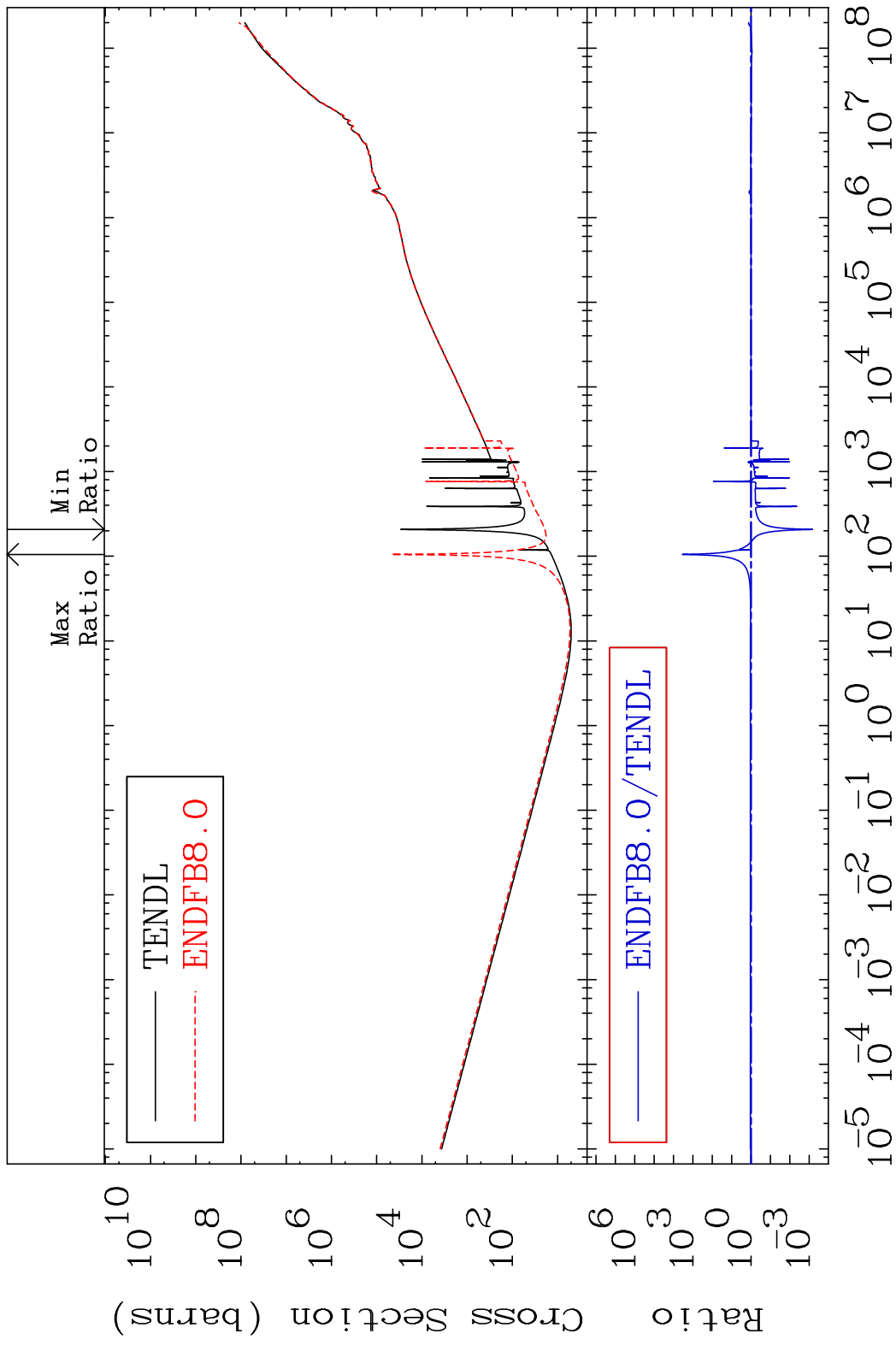
MAT 8228

He-4 Production
Cross Section -46.12 To 9999. %

82-Pb-205



MAT 8228 Kerma total (eV-barns) 82-Pb-205
 Cross Section -99.93 To 9999. %

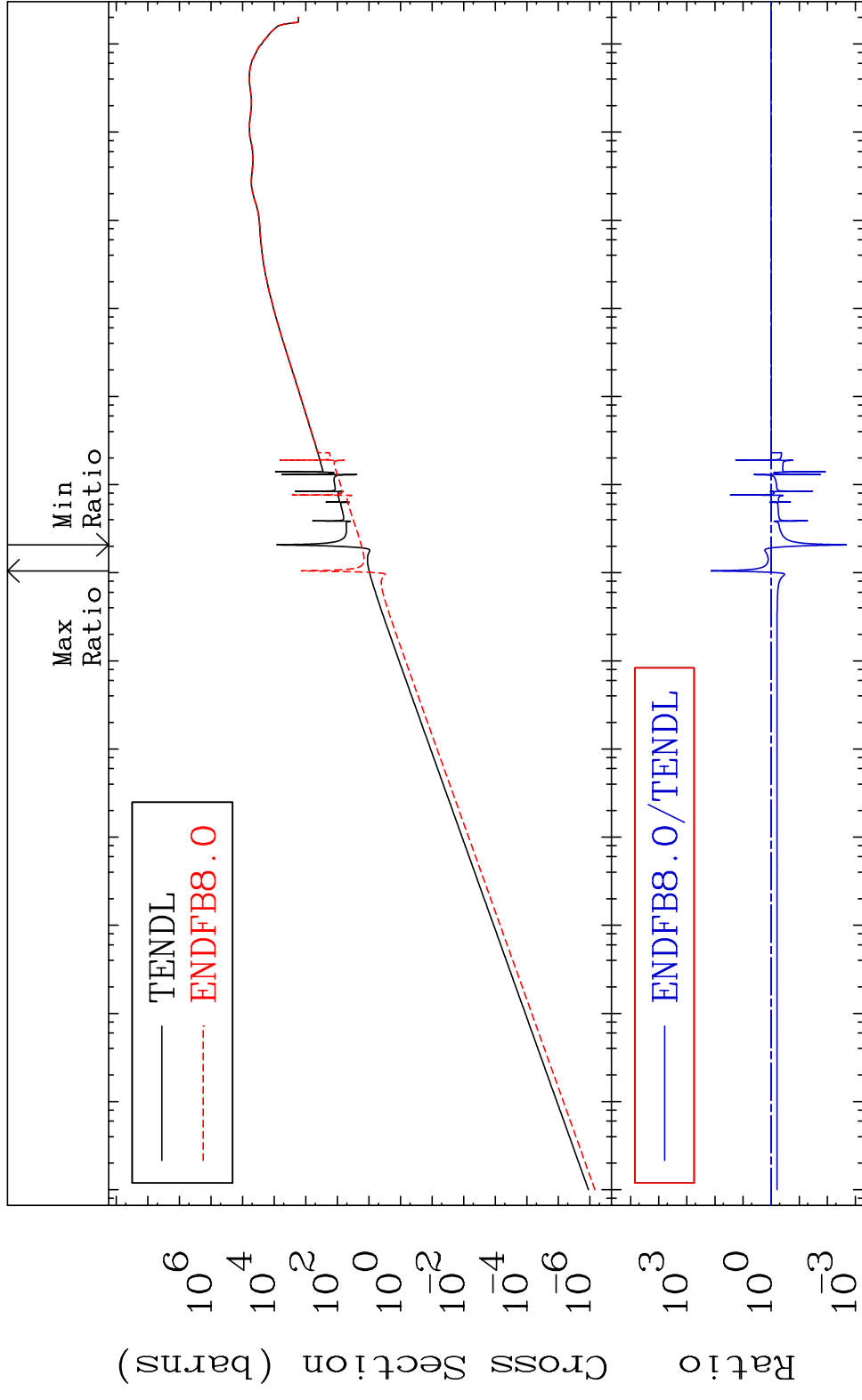


65 Incident Energy (eV) 82-Pb-205

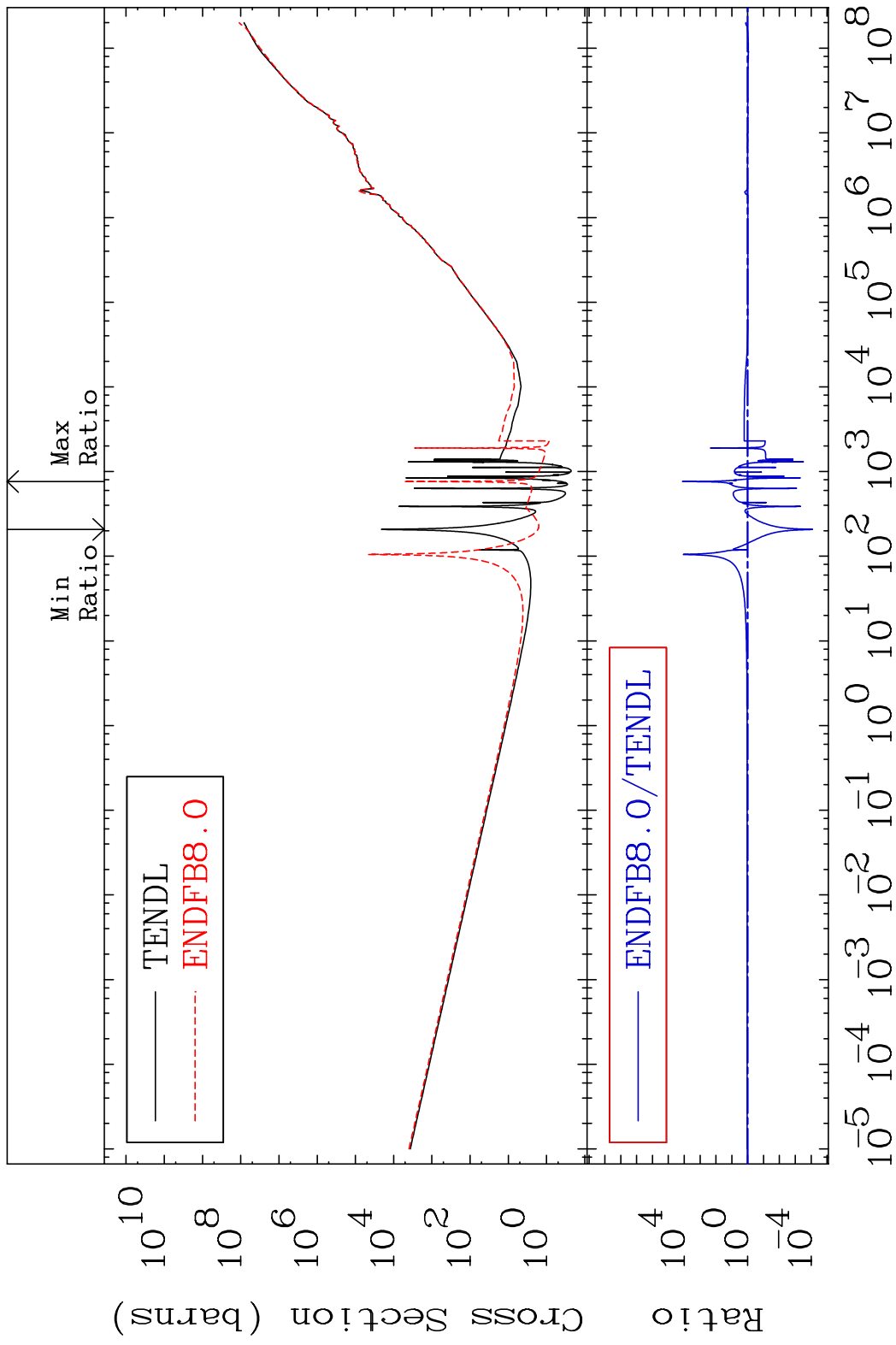
MAT 8228

Kerma elastic
Cross Section

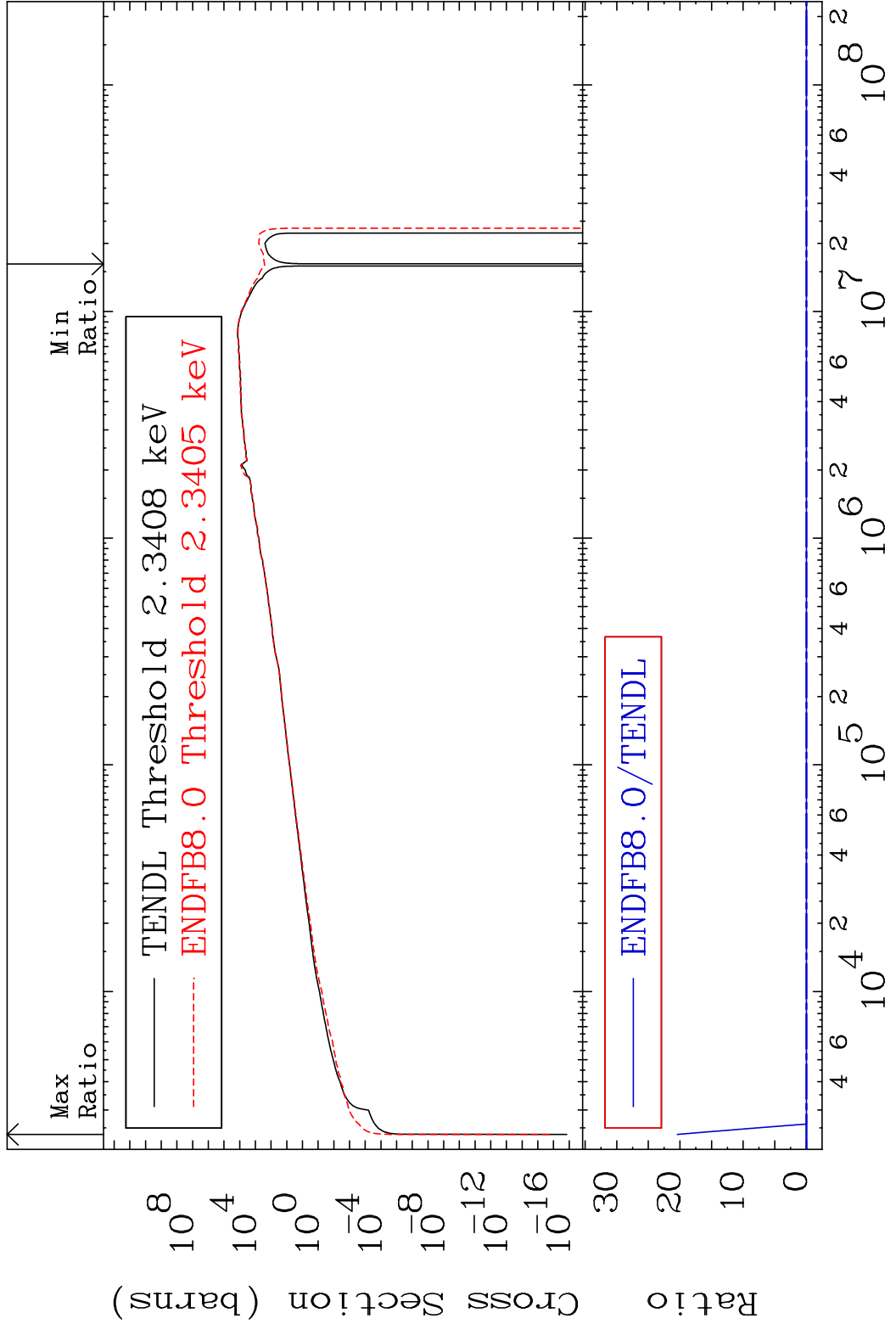
82-Pb-205
-99.79 To 9999. %



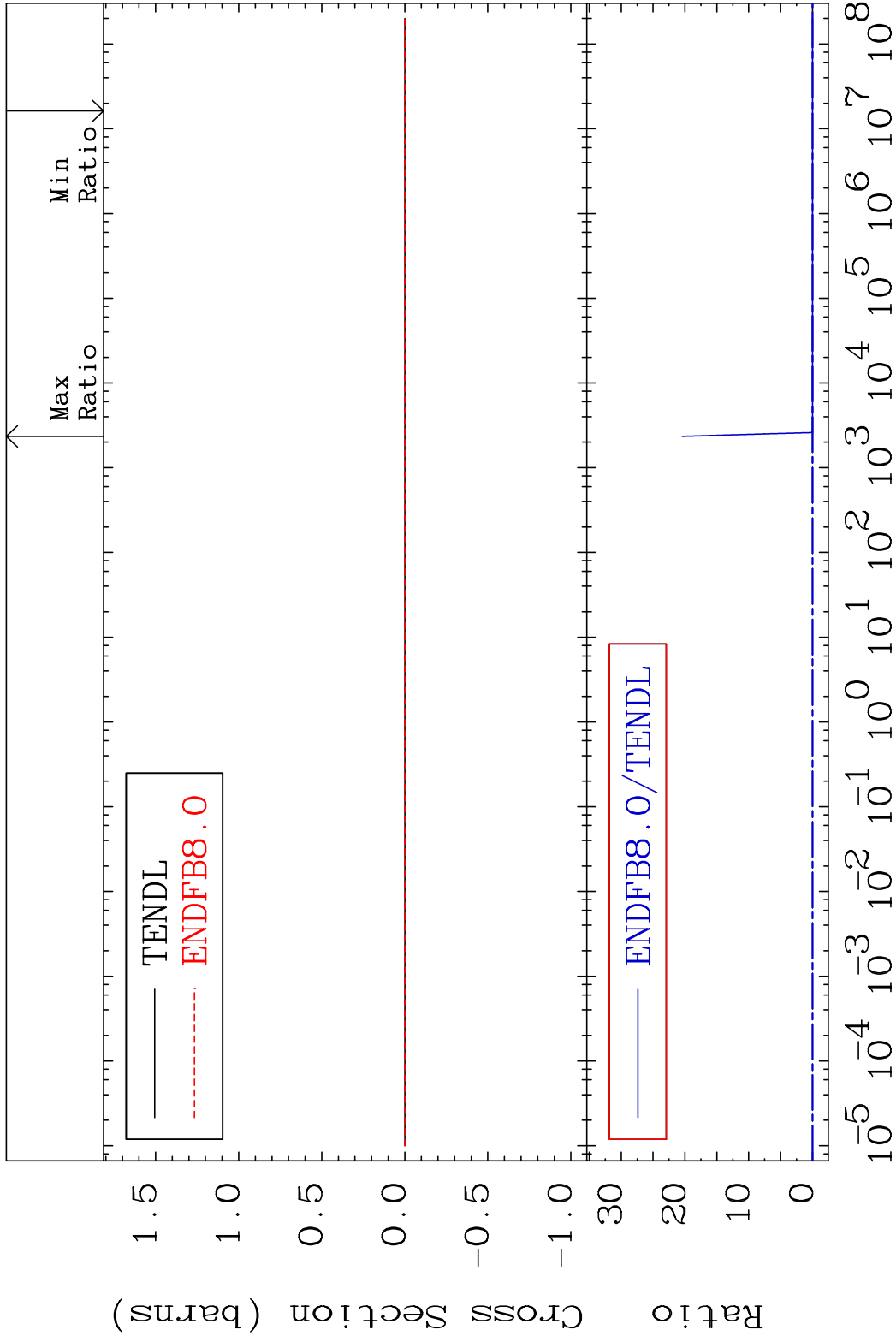
MAT 8228 Kerma non-elastic (all but mt2) 82-Pb-205
 Cross Section -99.99 To 9999. %



MAT 8228 Kerma inelastic (mt51-91) 82-Pb-205
 Cross Section -8743. To 9999. %



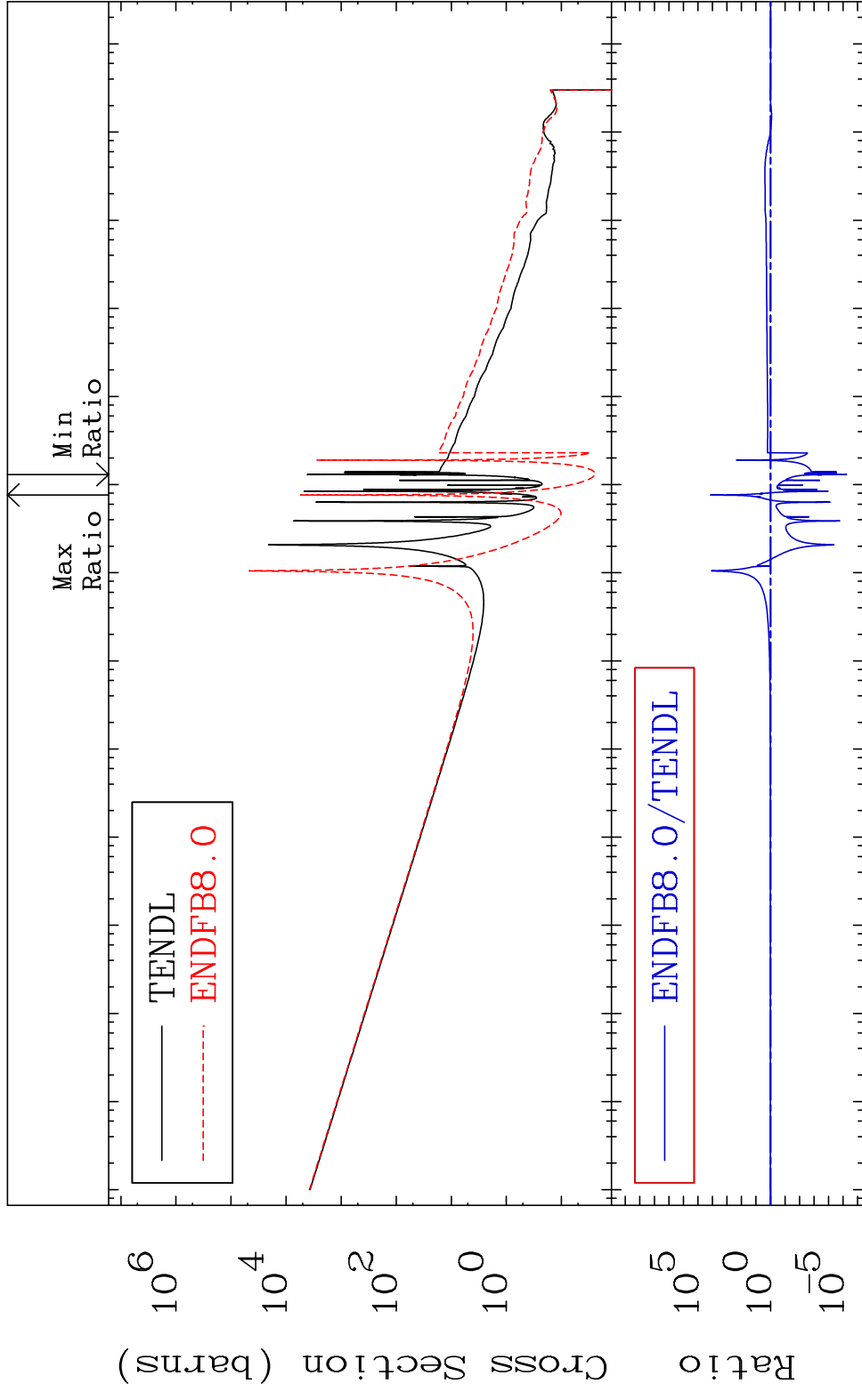
MAT 8228 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-205
 Cross Section -8743. To 9999. %



MAT 8228

Kerma capture (mt102)

Cross Section -100.0 To 9999. %

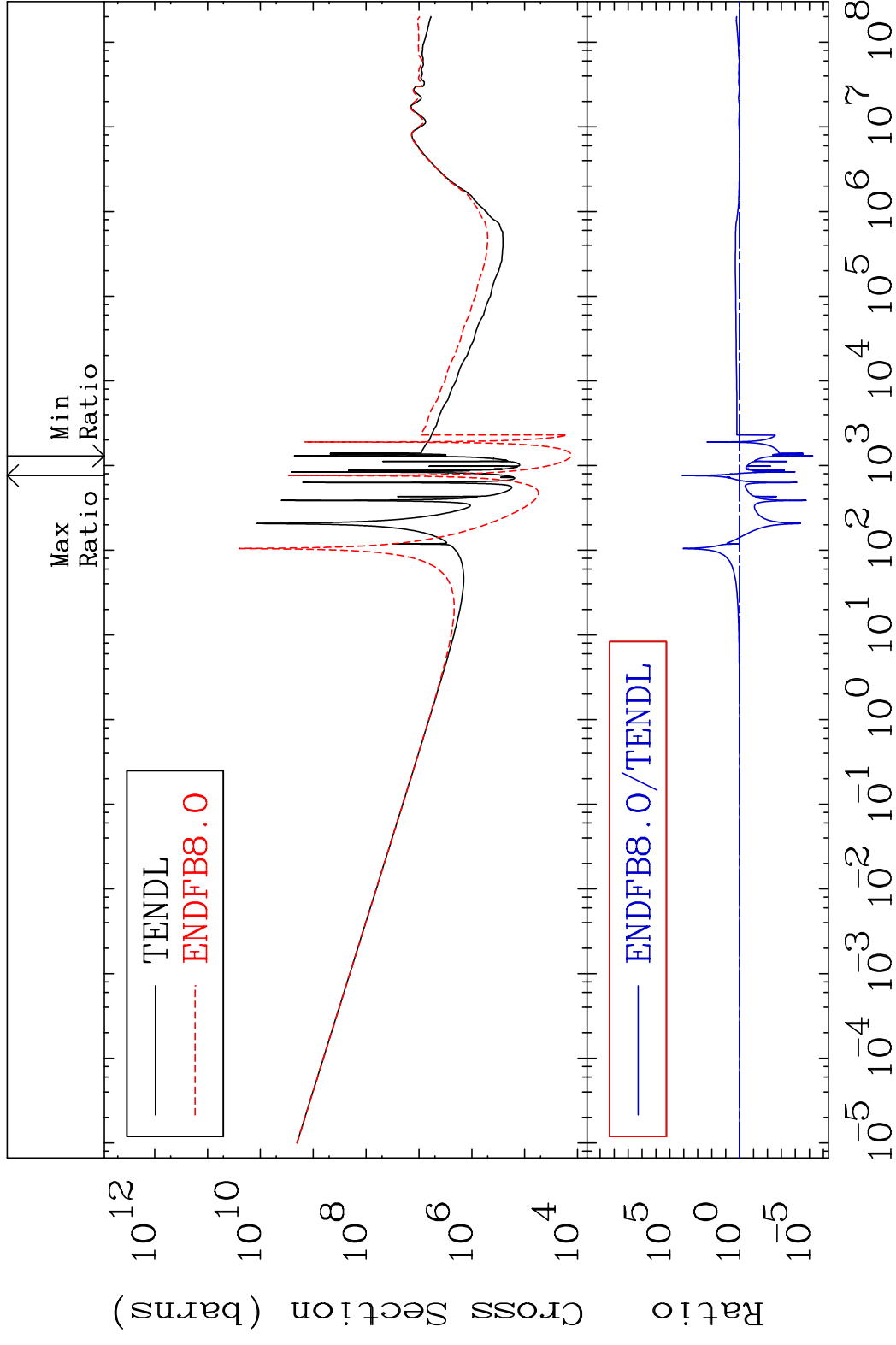


70

Incident Energy (eV)

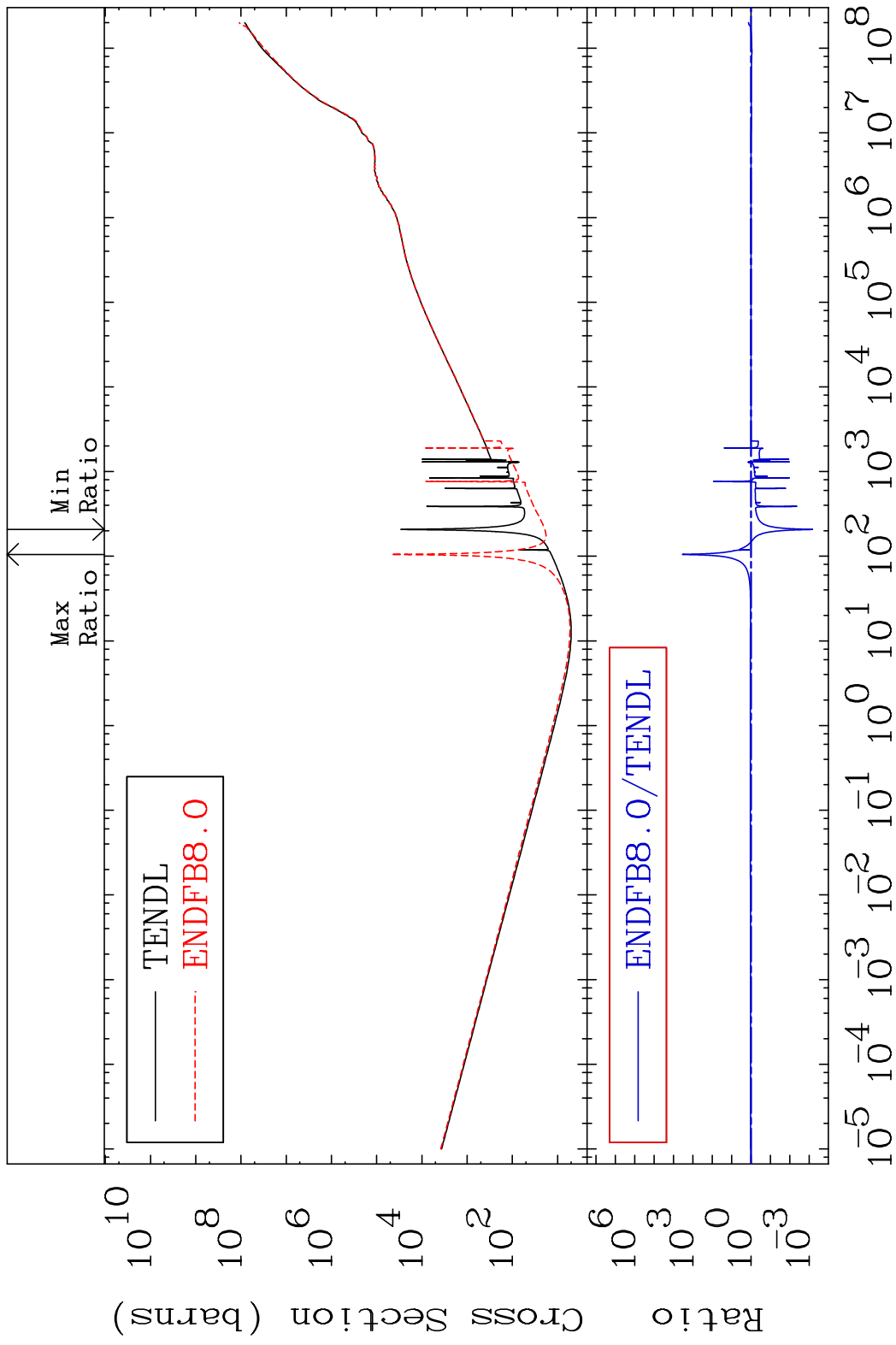
82-Pb-205

MAT 8228 Total photon (eV-barns) 82-Pb-205
 Cross Section -100.0 To 9999. %

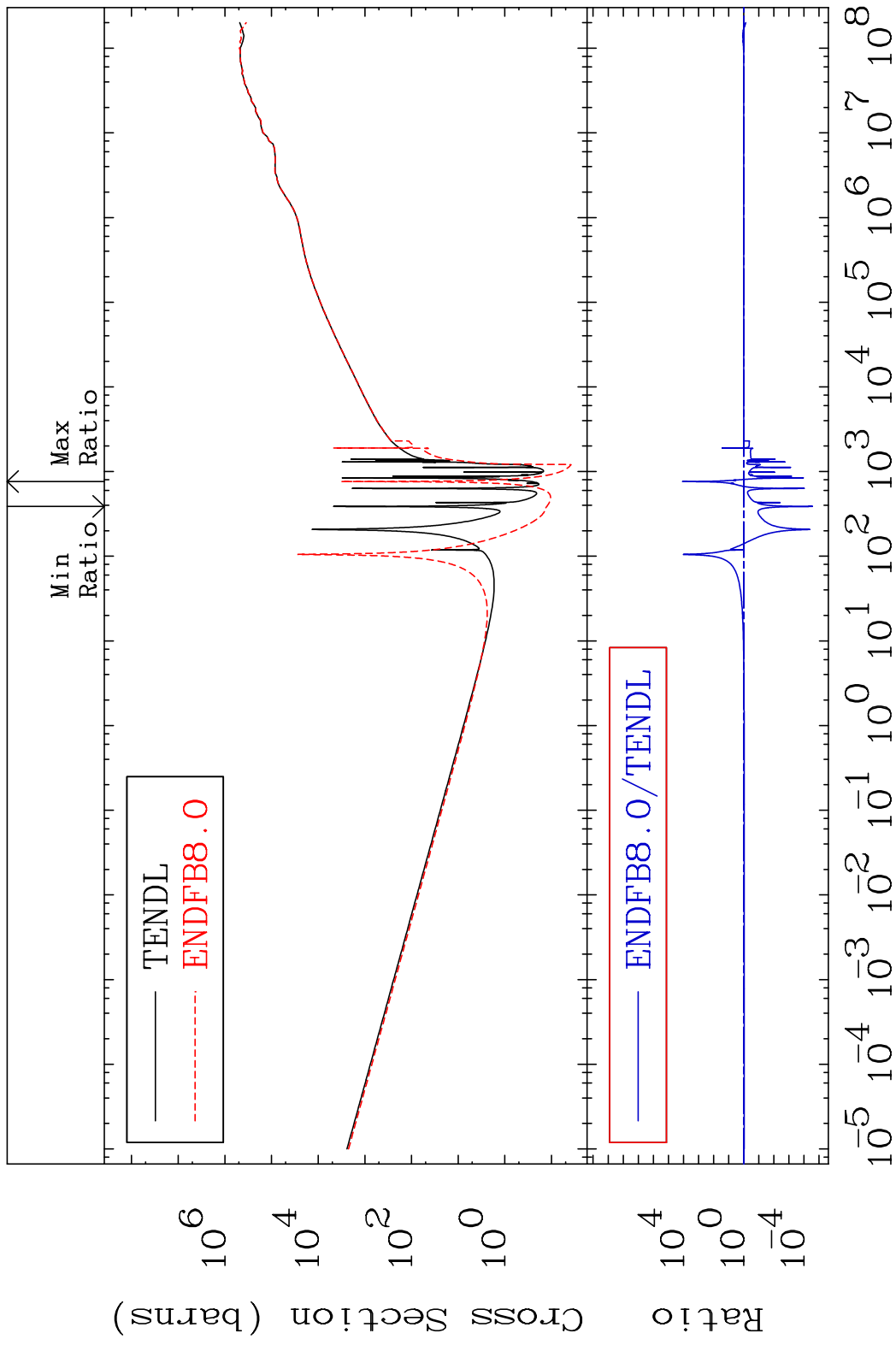


71 Incident Energy (eV) 82-Pb-205

MAT 8228 Total kinematic kerma (high limit) 82-Pb-205
 Cross Section -99.93 To 9999. %



MAT 8228 Dpa total (eV-barns) 82-Pb-205
 Cross Section -100.0 To 9999. %



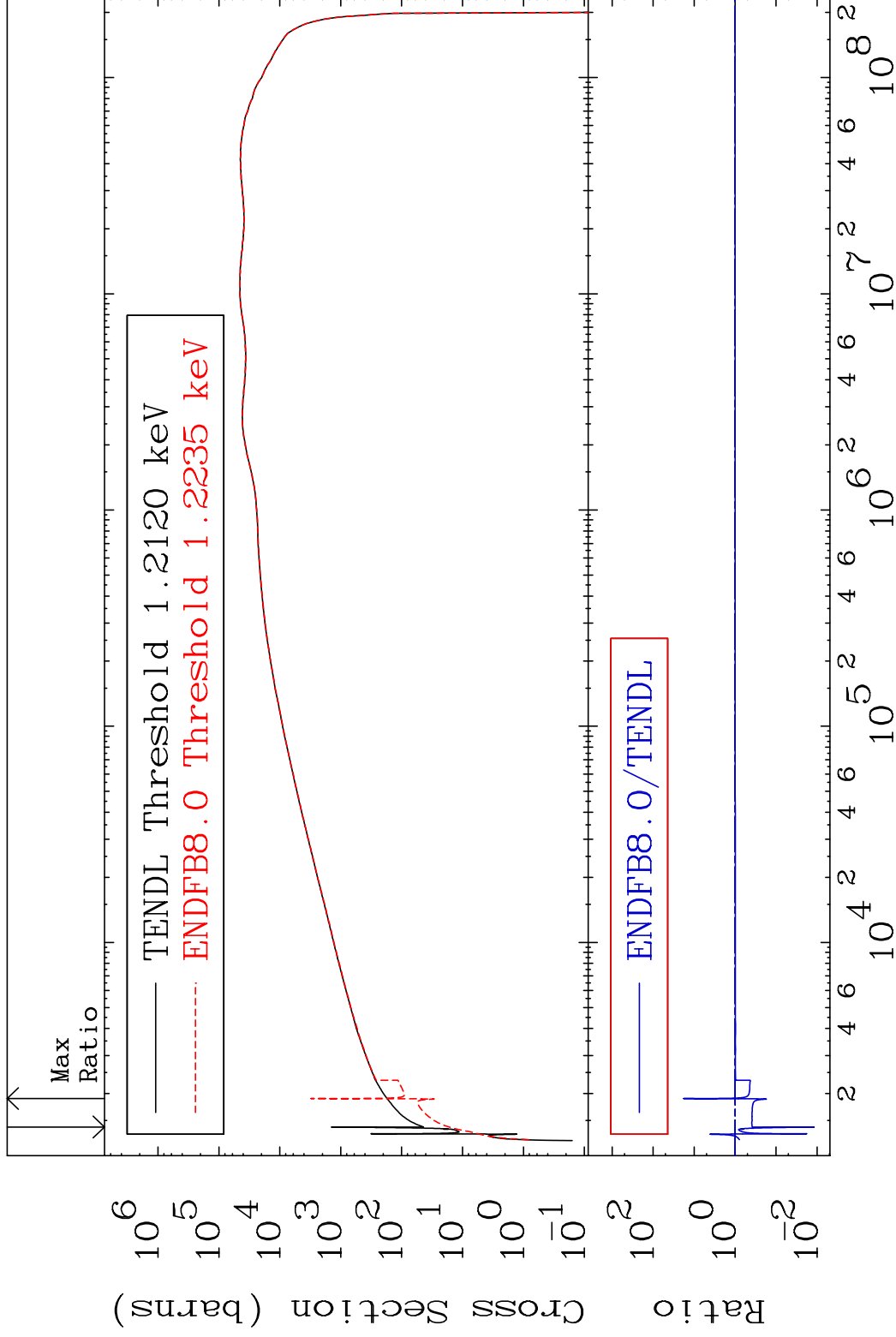
73 Incident Energy (eV) 82-Pb-205

MAT 8228

Dpa elastic (mt2)

82-Pb-205

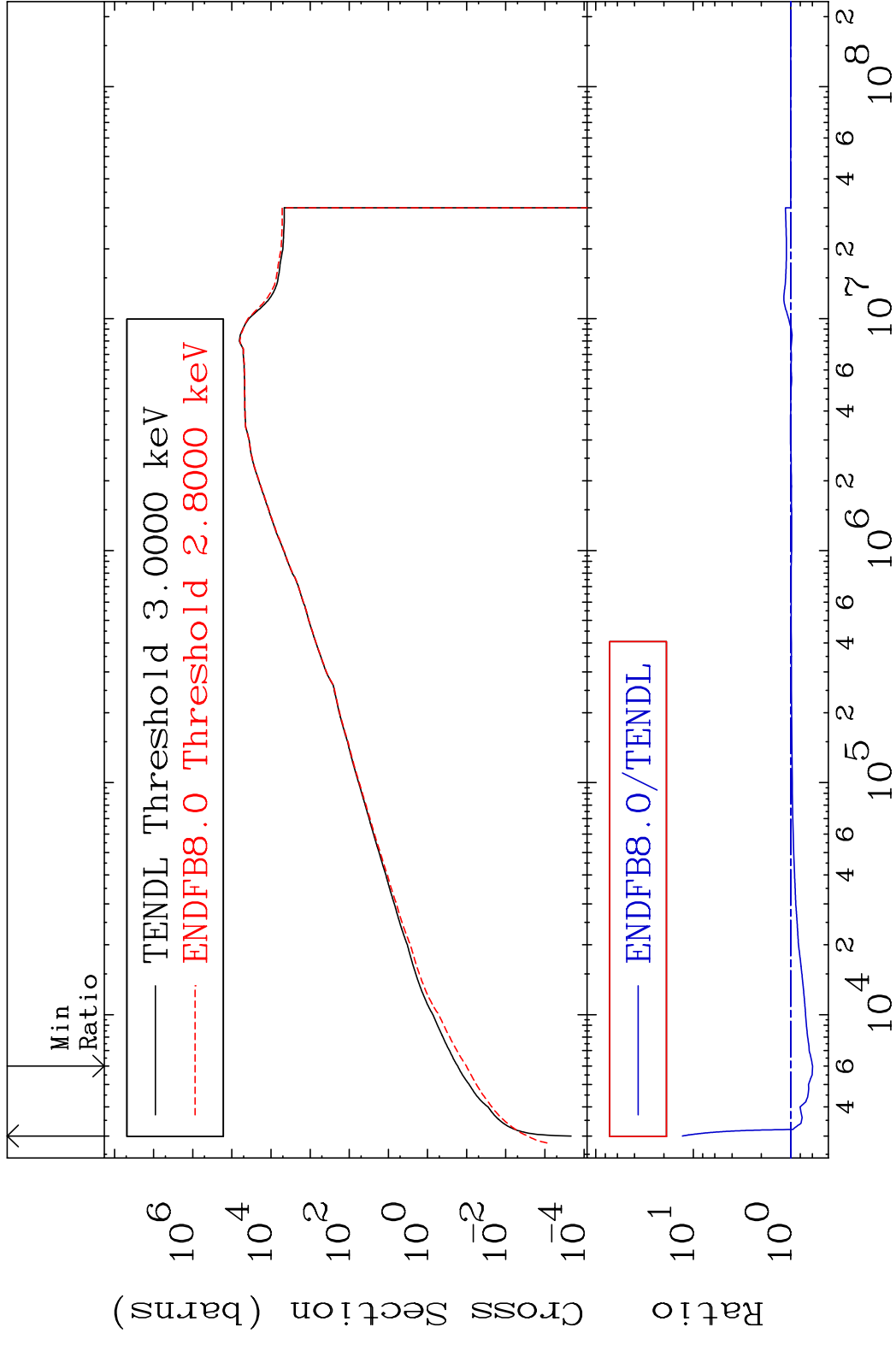
Cross Section -98.82 To 1700. %



MAT 8228

Dpa inelastic (mt51-91) 82-Pb-205

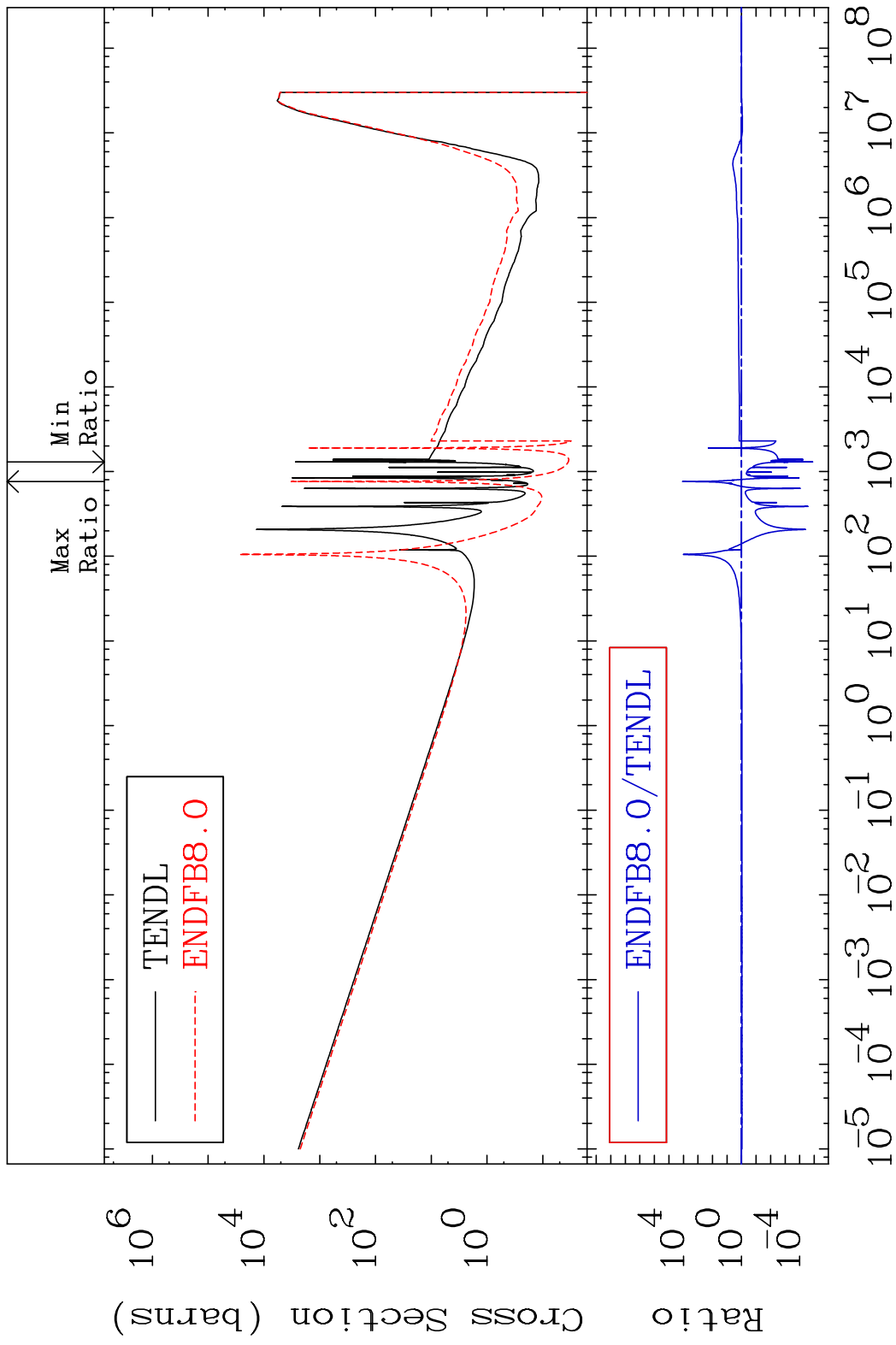
Cross Section -40.25 To 1193. %



75

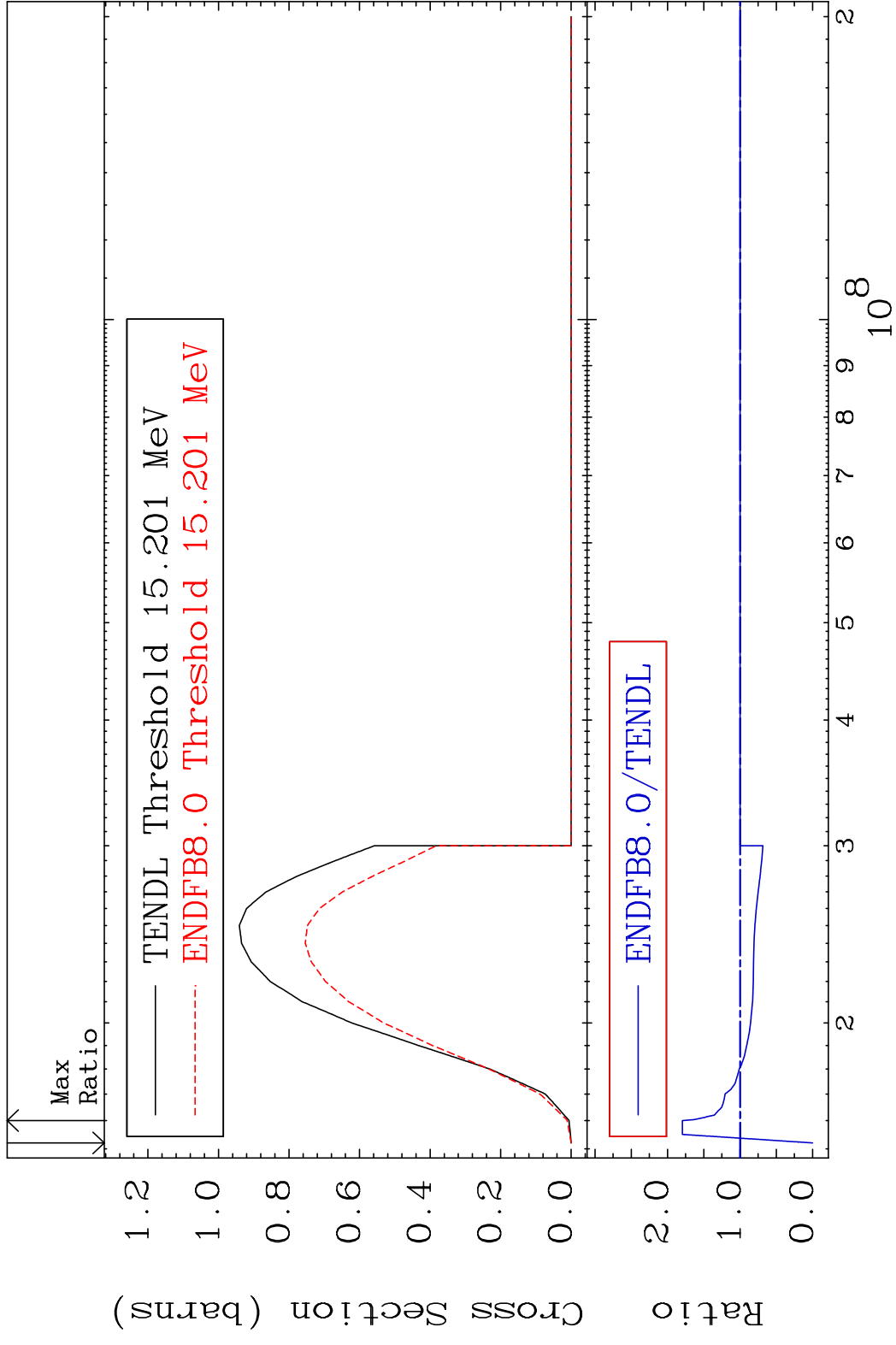
Incident Energy (eV) 82-Pb-205

MAT 8228 Dpa disappearance (mt102 -120) 82-Pb-205
 Cross Section -100.0 To 9999. %

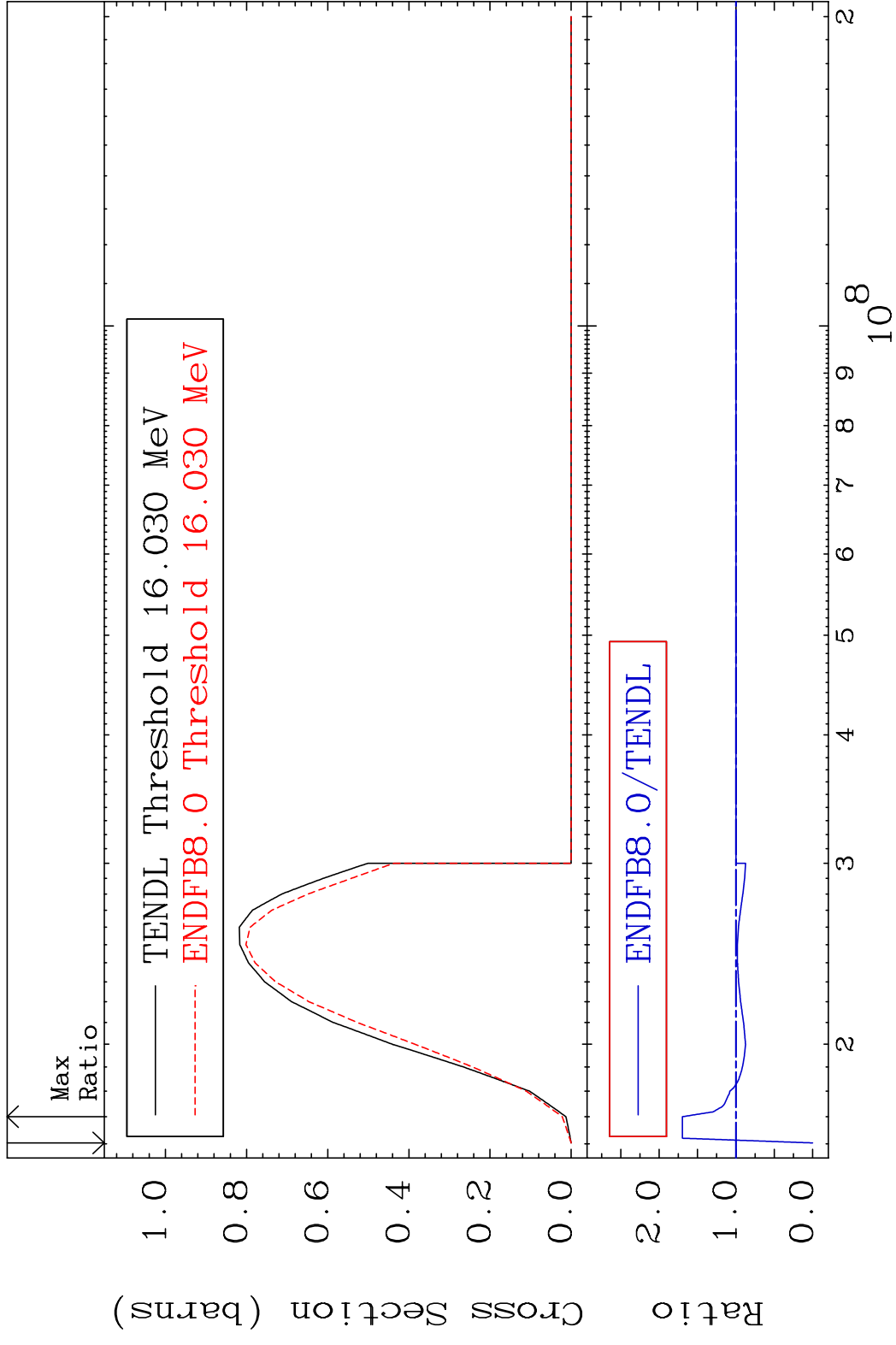


76 Incident Energy (eV) 82-Pb-205

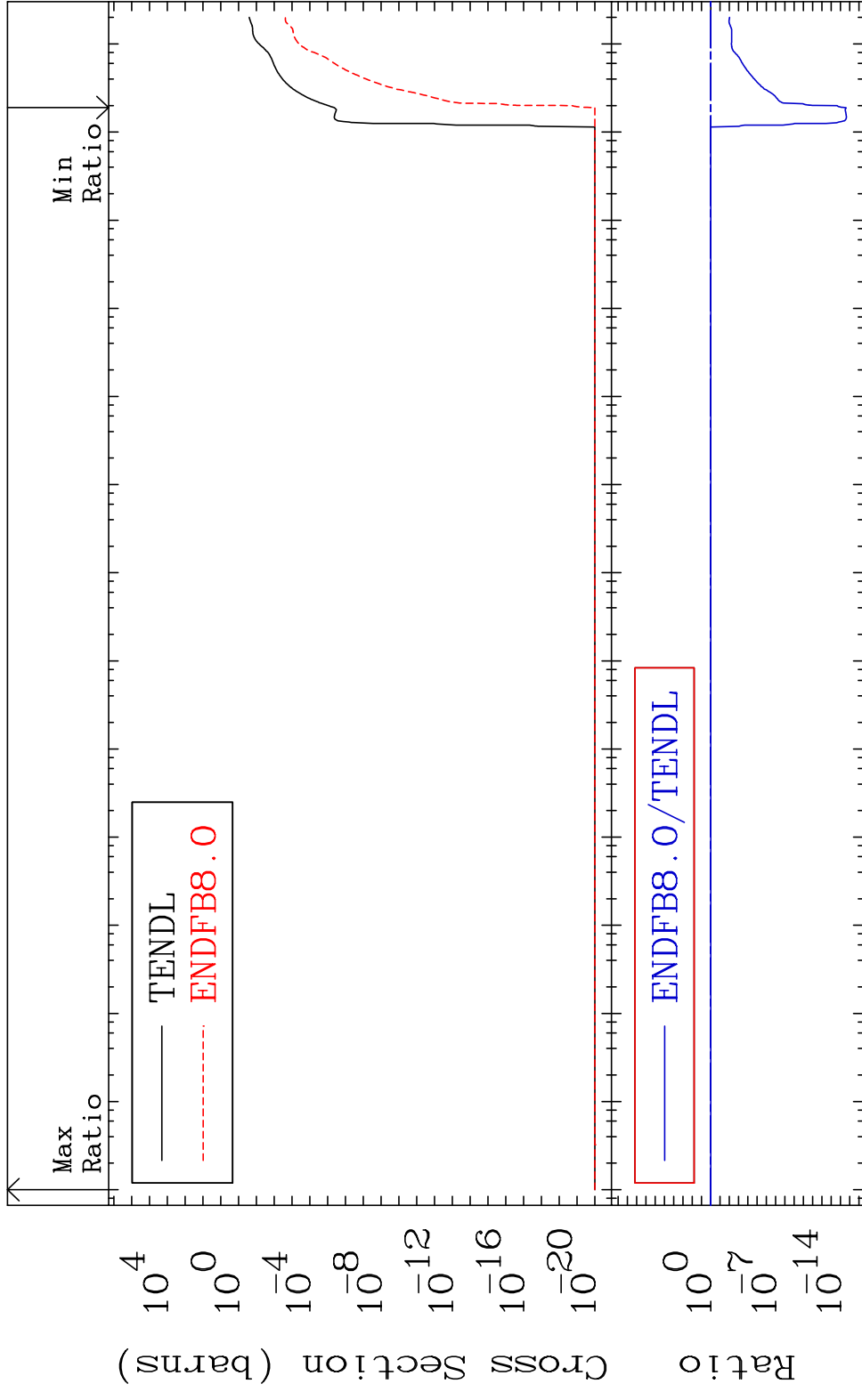
MAT 8228 (n,3n):82-Pb-203g 82-Pb-205
 Radionuclide Production Cross Section 180.01 dth 79.49 %



MAT 8228 (n, 3n): 82-Pb-203m6 82-Pb-205
 Radionuclide Production Cross Section Ratio 69.79 %



MAT 8228 Fission:0-??-Nat 82-Pb-205
 Radionuclide Production Cross Section 0.000 %



79 Incident Energy (eV) 82-Pb-205

