

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

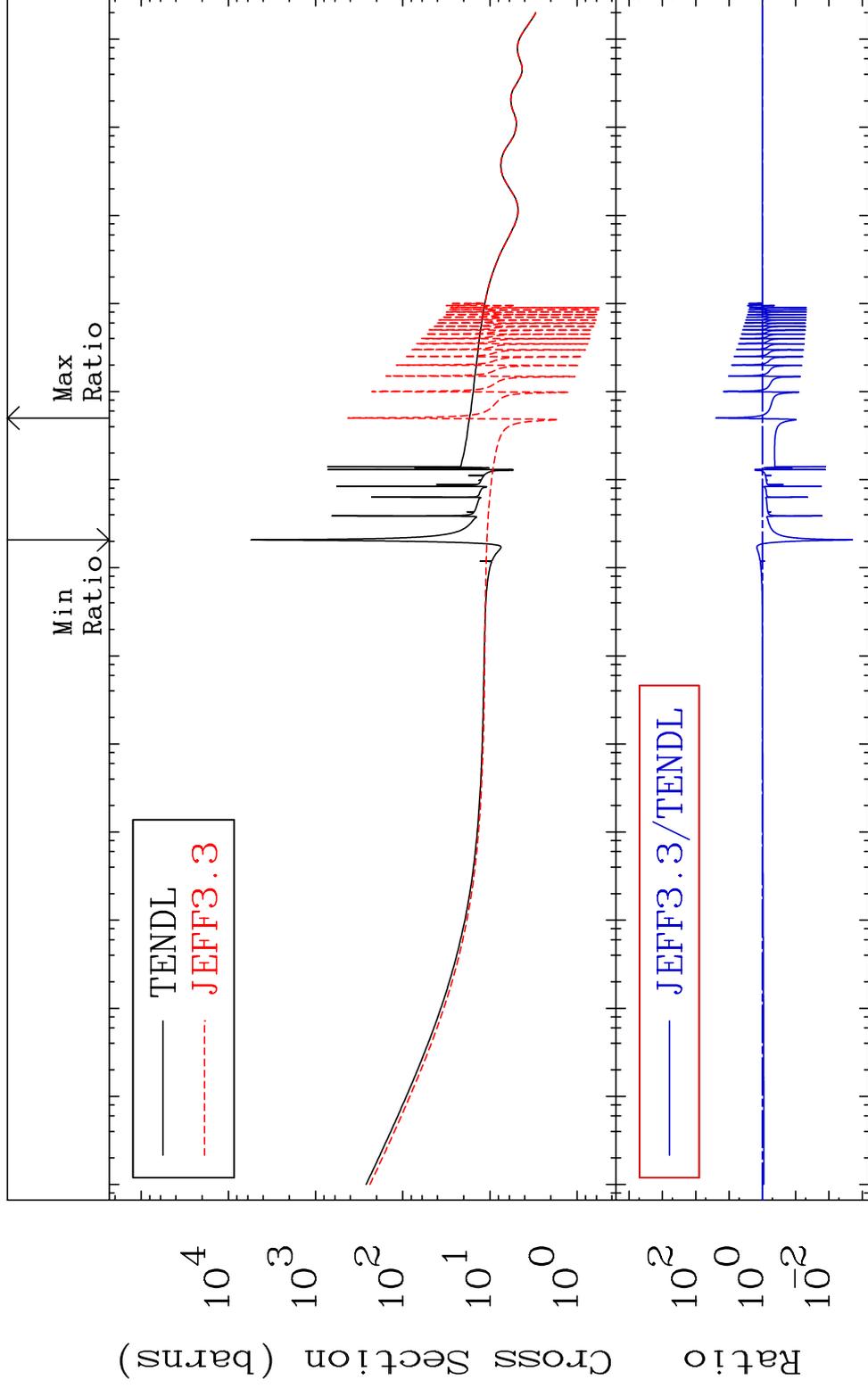
MAT 8228

Total

82-Pb-205

Cross Section

-99.80 To 2381. %



1

Incident Energy (eV)

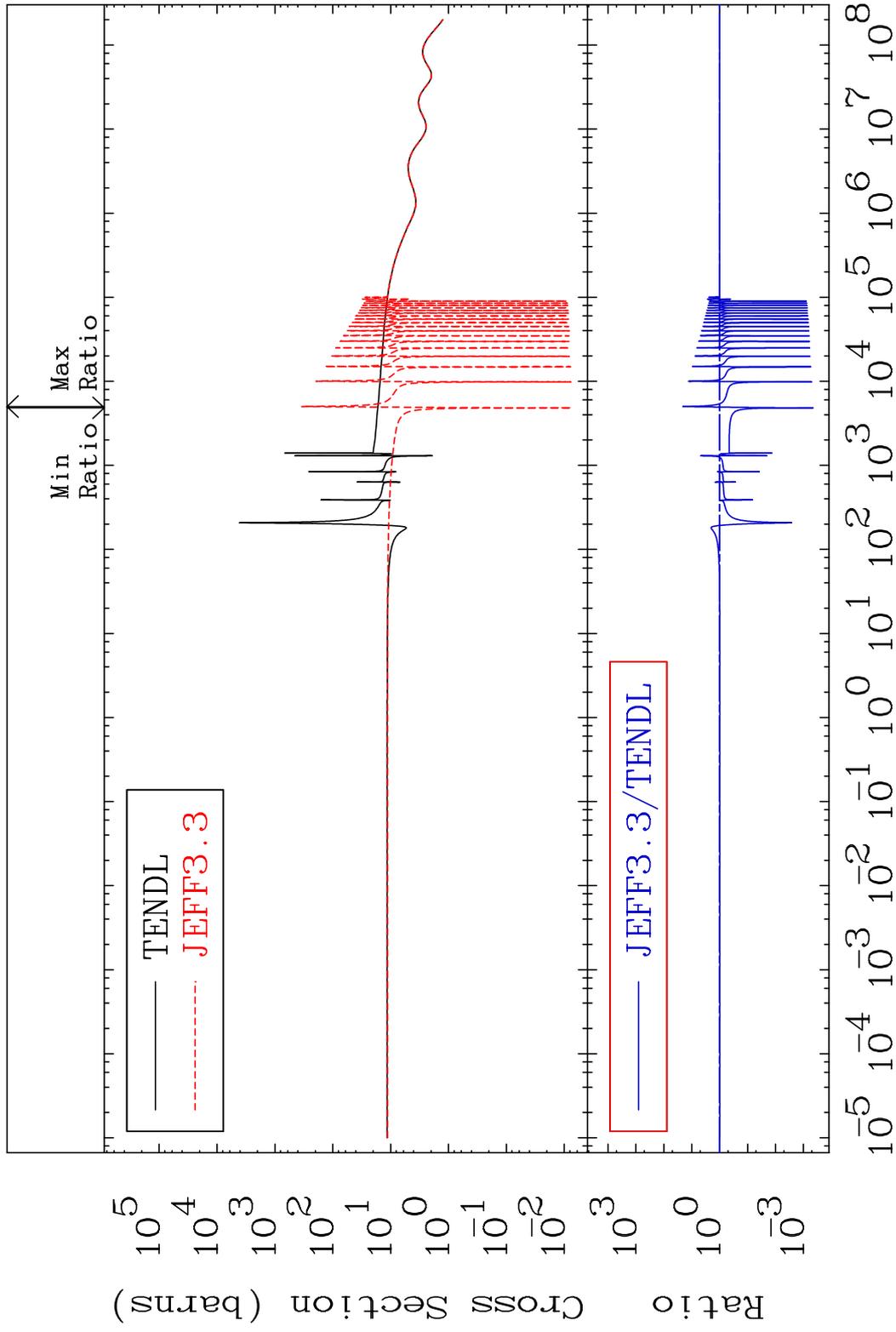
82-Pb-205

MAT 8228

Elastic

82-Pb-205

Cross Section -99.96 To 1990. %



2

Incident Energy (eV)

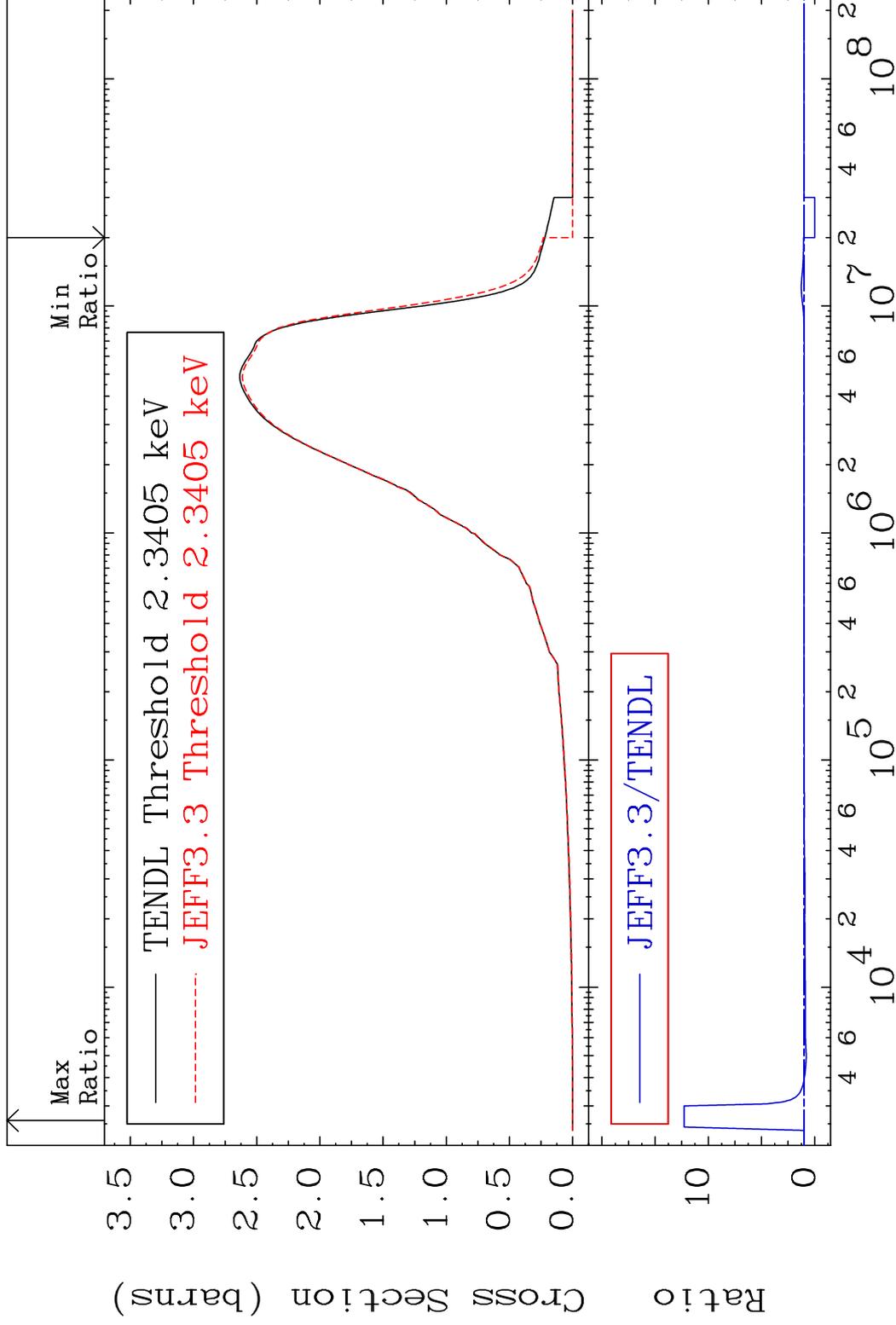
82-Pb-205

MAT 8228

Inelastic

82-Pb-205

Cross Section -100.0 To 1127. %



3

Incident Energy (eV)

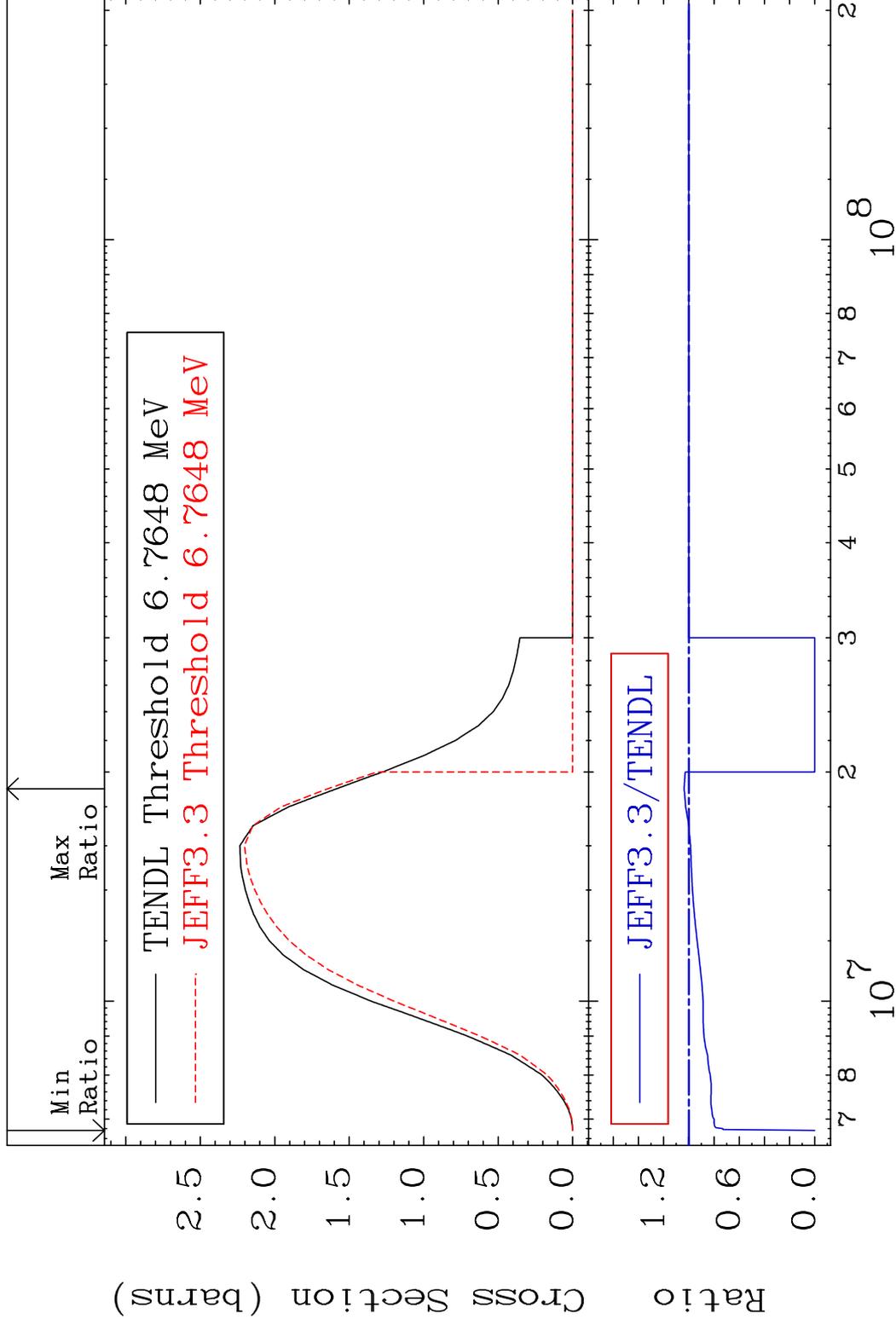
82-Pb-205

MAT 8228

(n,2n)

82-Pb-205

Cross Section -100.0 To 3.746 %



5

Incident Energy (eV)

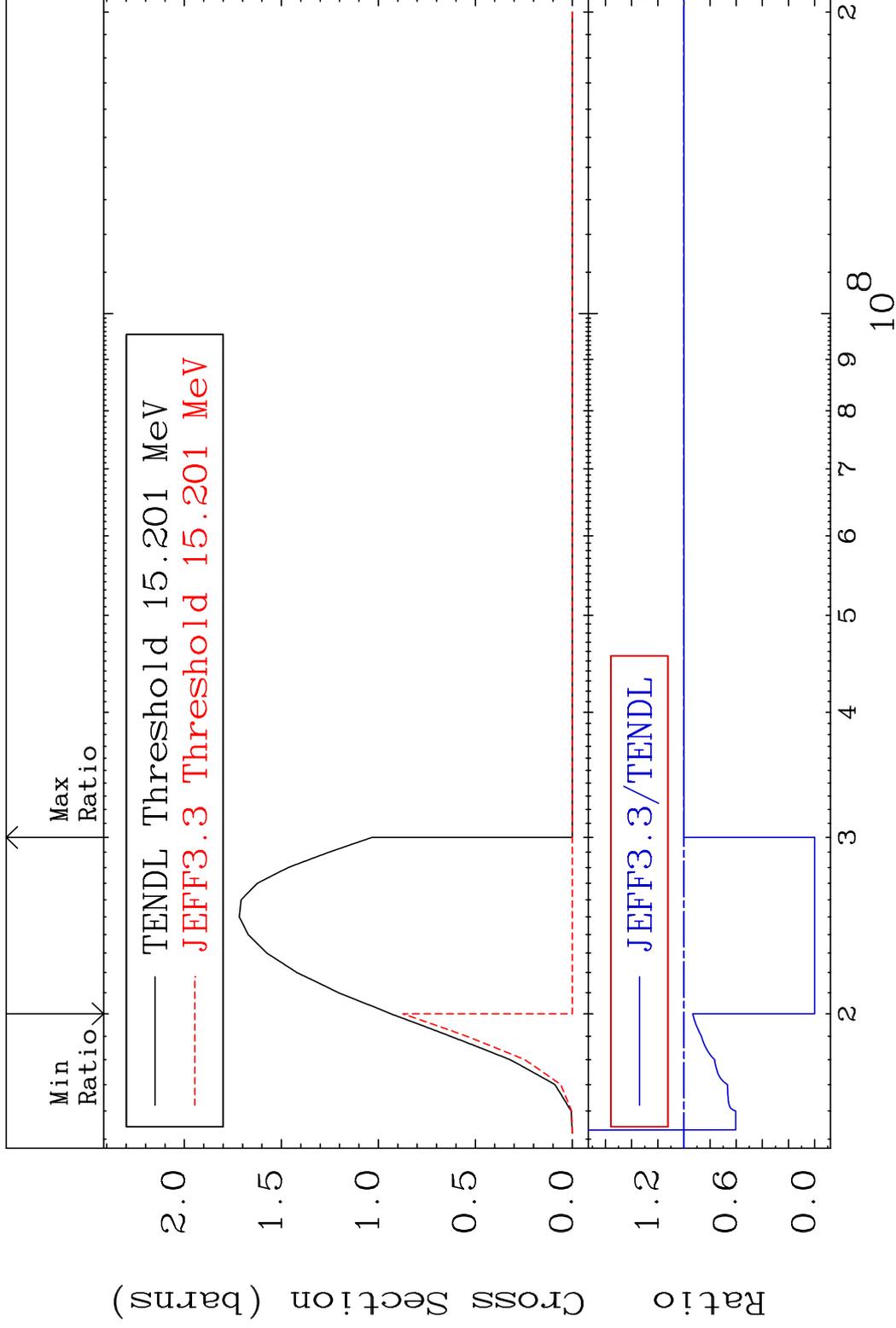
82-Pb-205

MAT 8228

(n,3n)

82-Pb-205

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

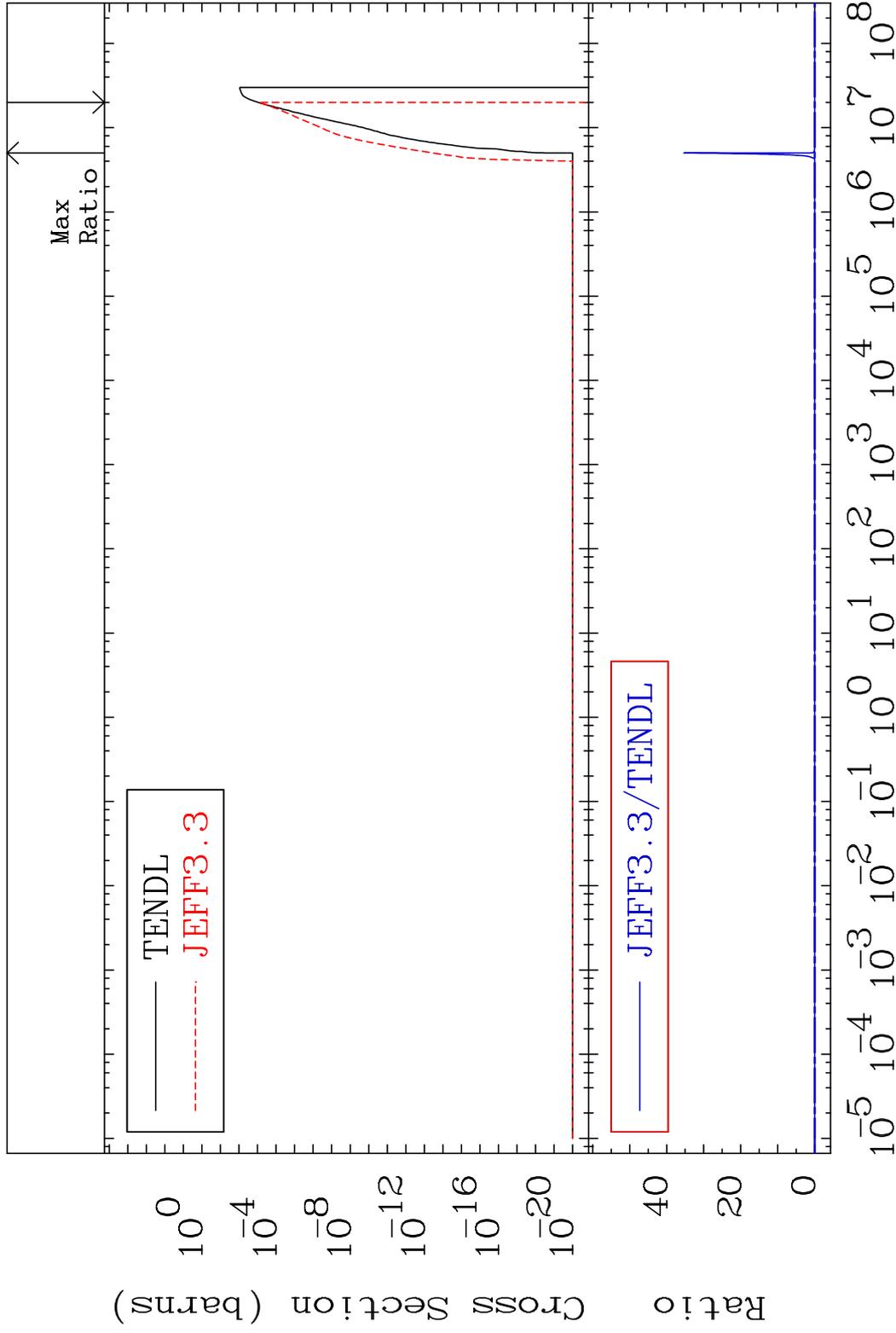
82-Pb-205

MAT 8228

(n, n') α

82-Pb-205

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

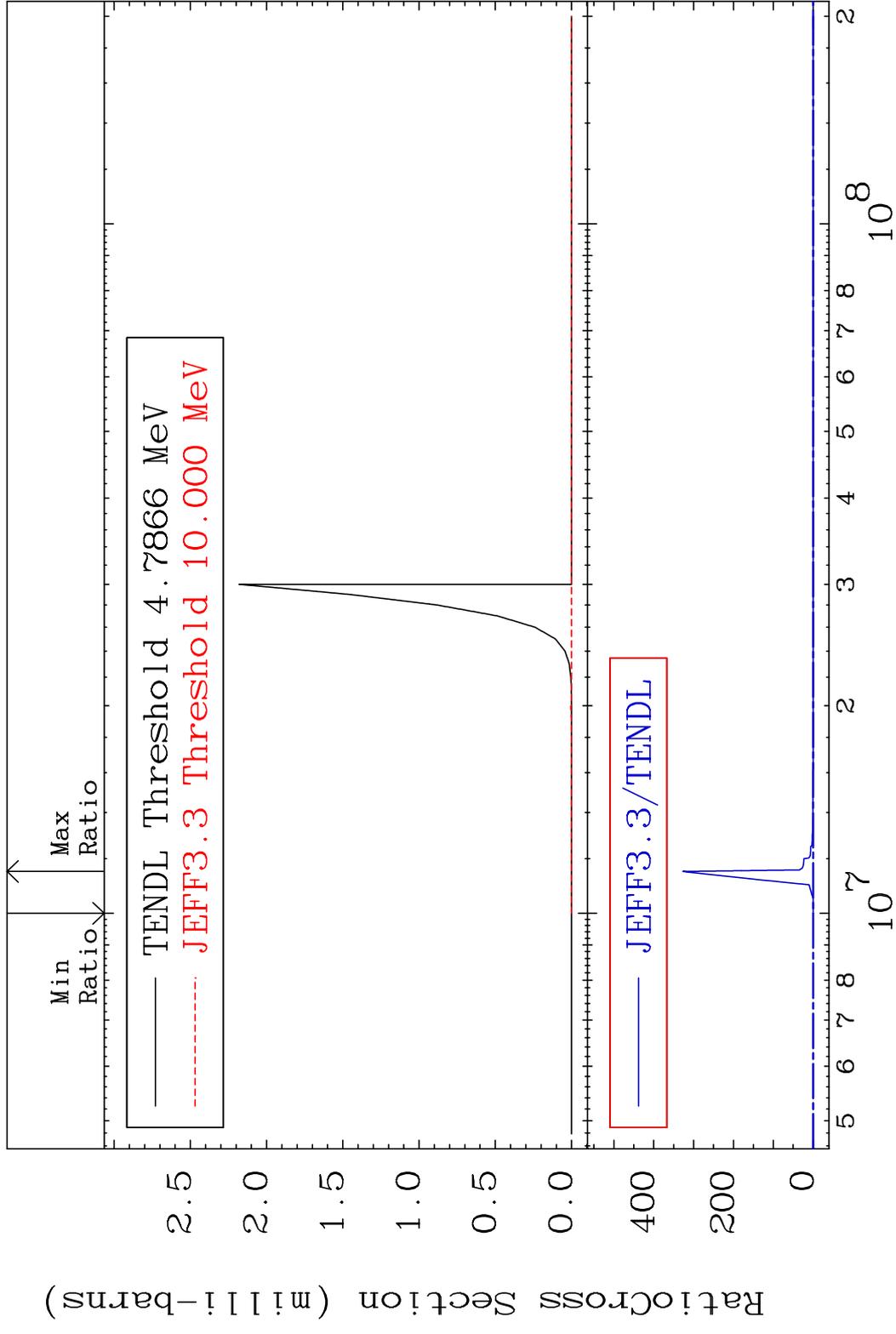
82-Pb-205

MAT 8228

(n,2n) α

82-Pb-205

Cross Section -100.0 To 9999. %

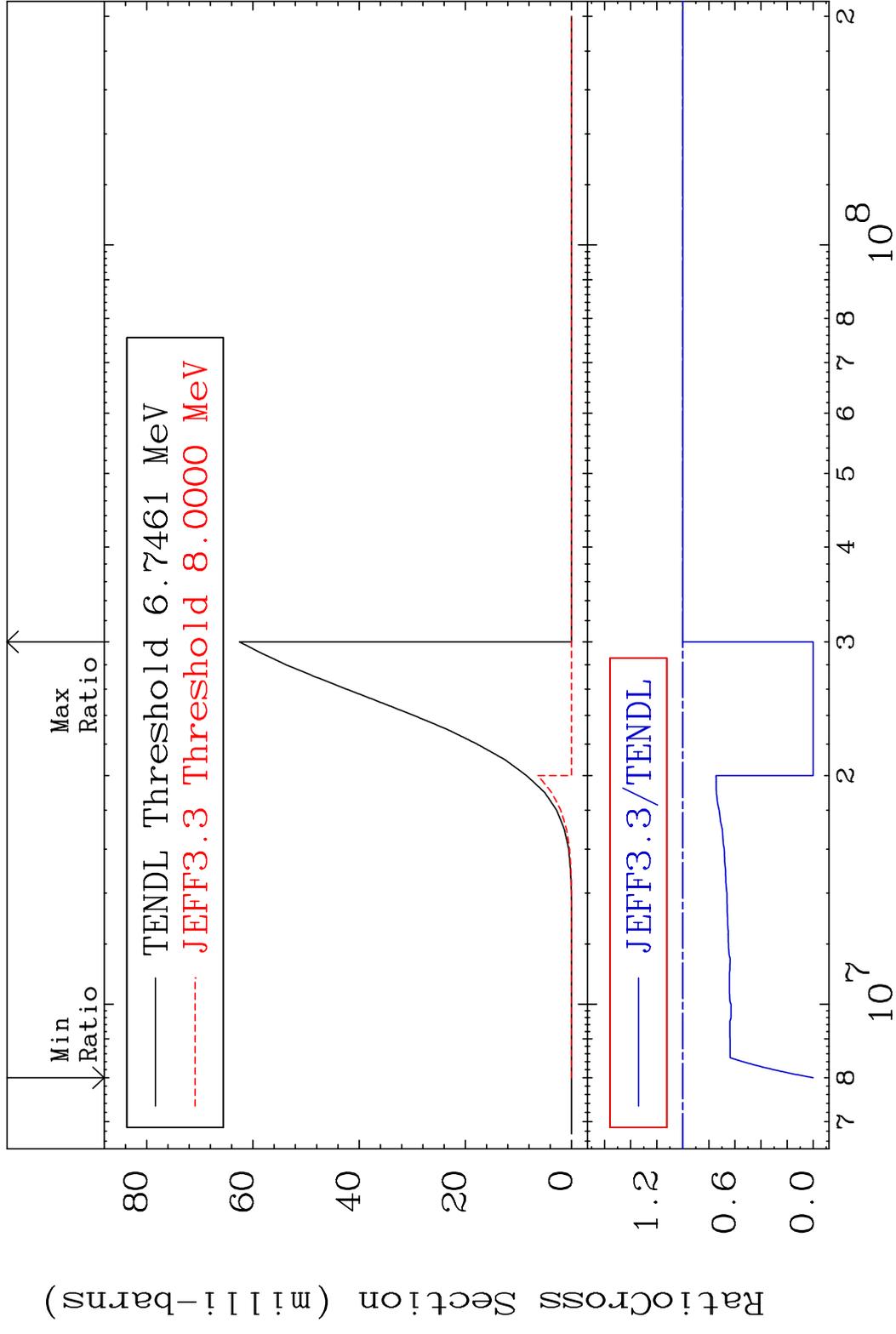


8

Incident Energy (eV)

82-Pb-205

MAT 8228 (n, n') p 82-Pb-205
 Cross Section -100.0 To 0.000 %

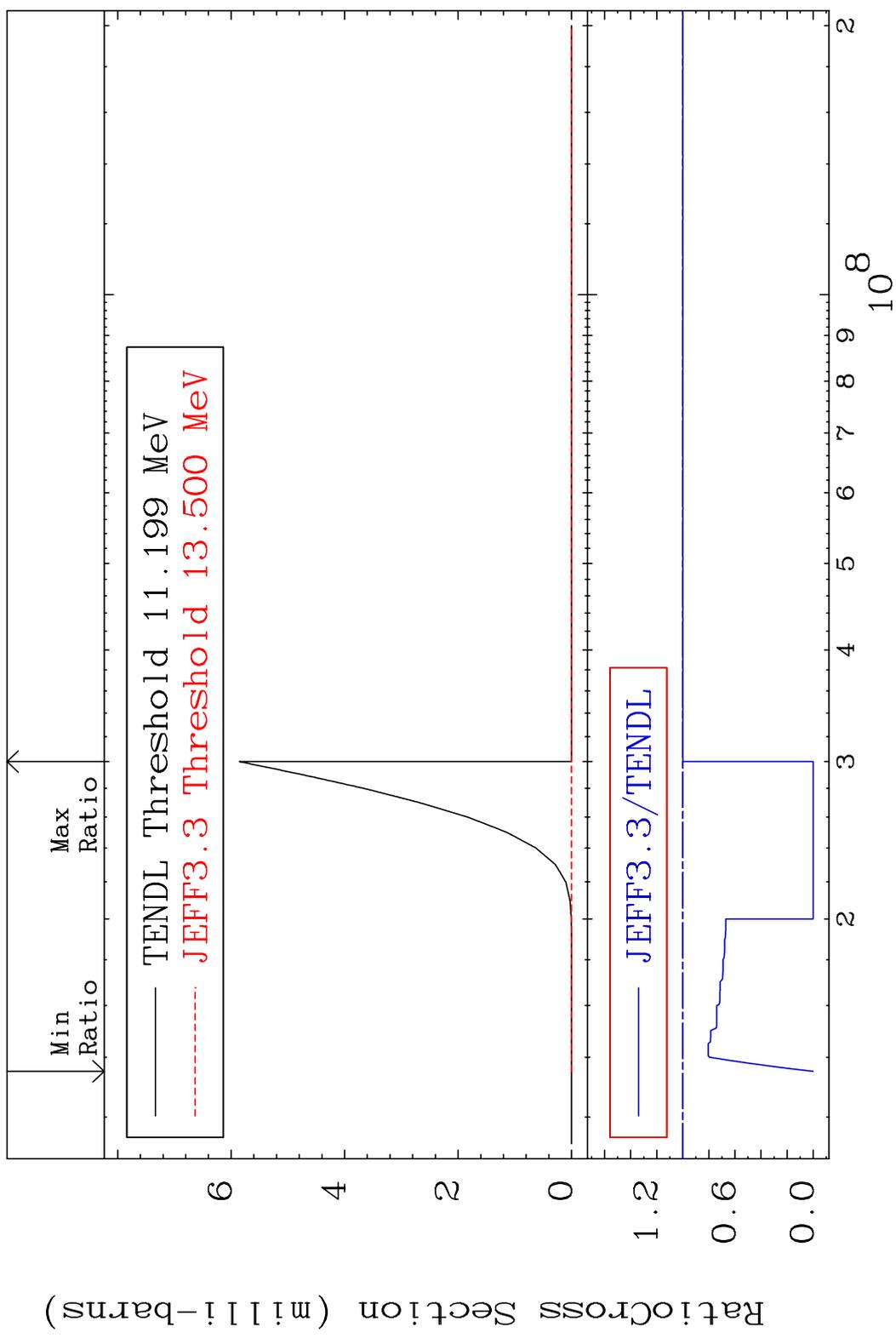


MAT 8228

(n, n') d

82-Pb-205

Cross Section -100.0 To 0.000 %

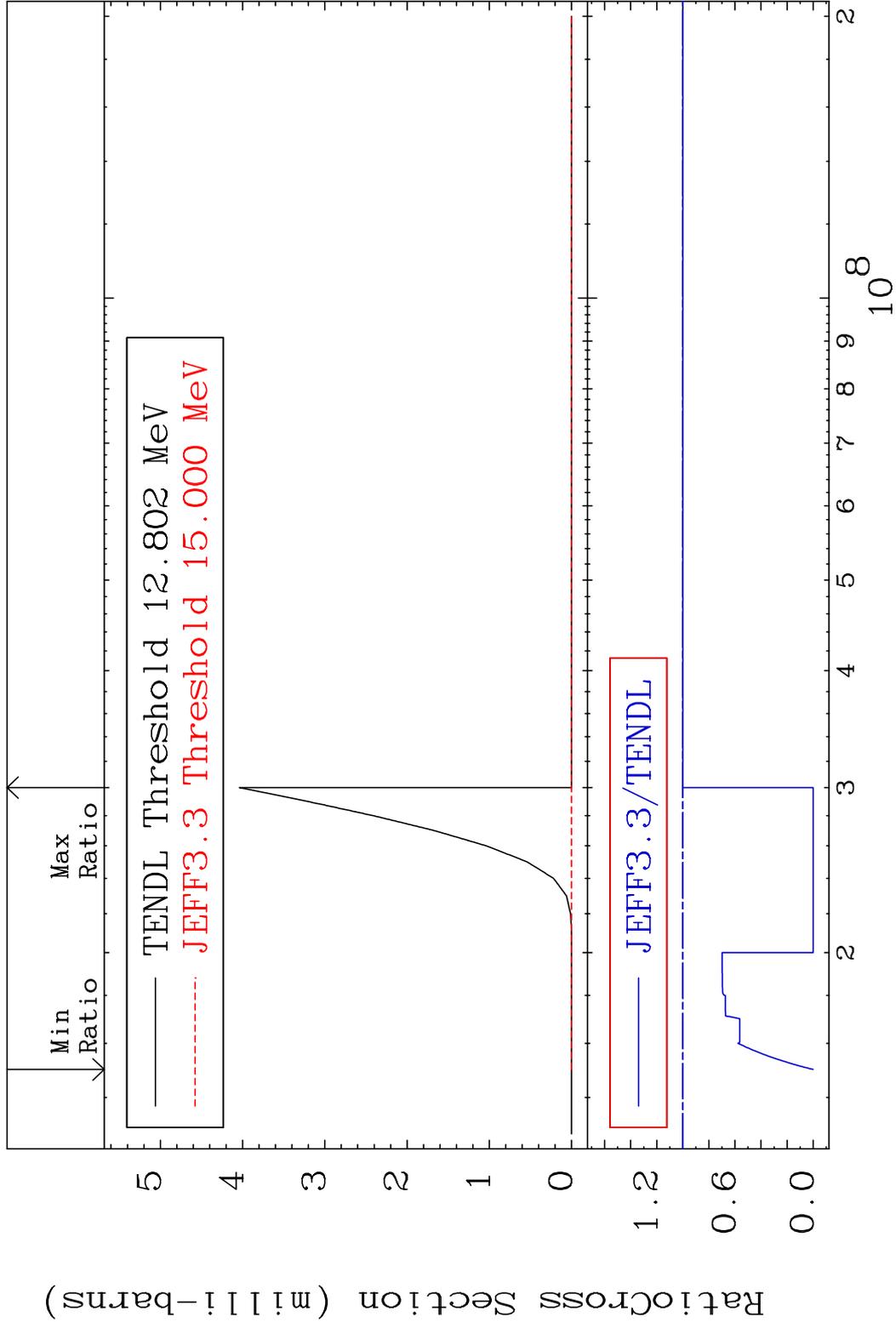


10

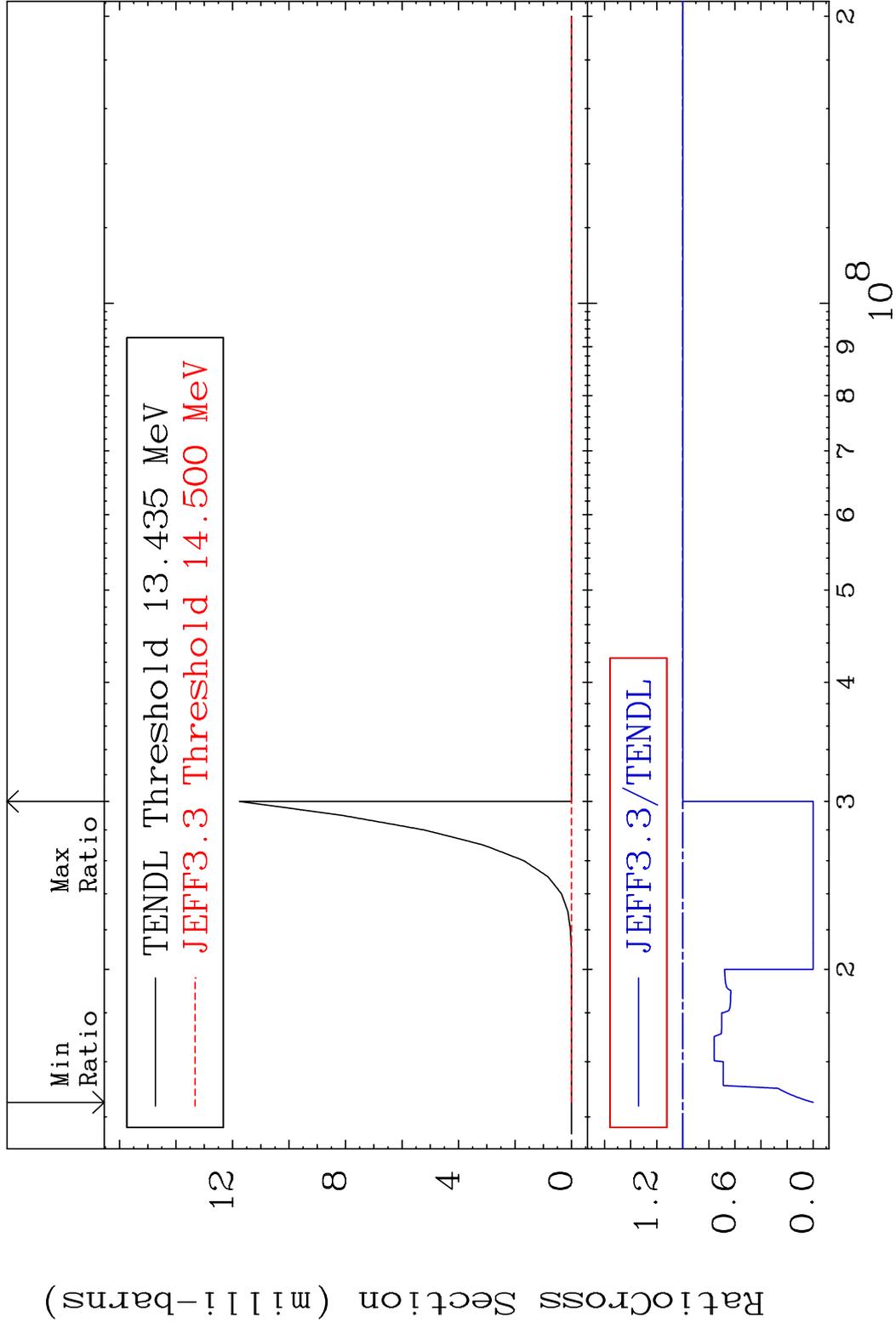
Incident Energy (eV)

82-Pb-205

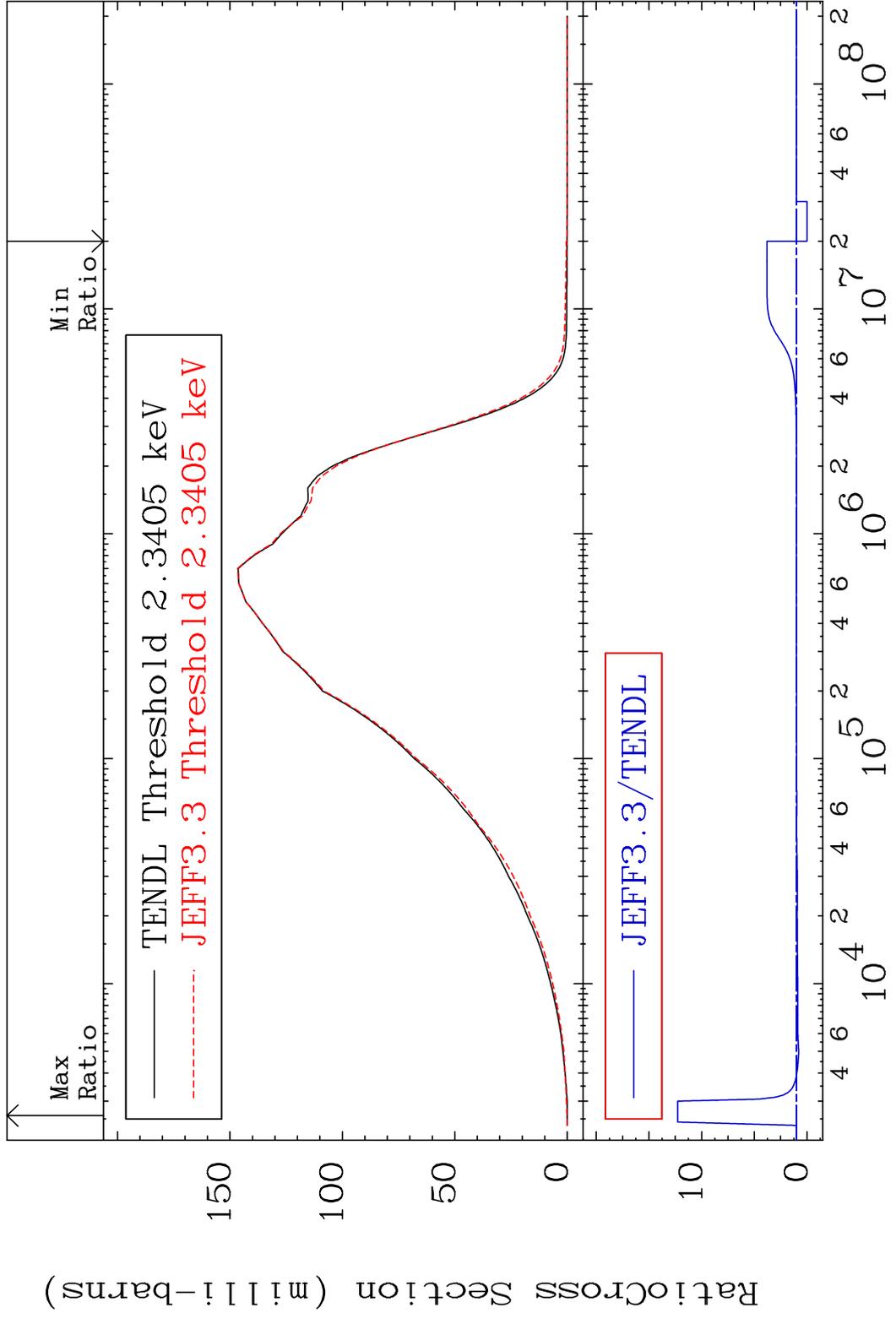
MAT 8228 (n, n') t 82-Pb-205
 Cross Section -100.0 To 0.000 %



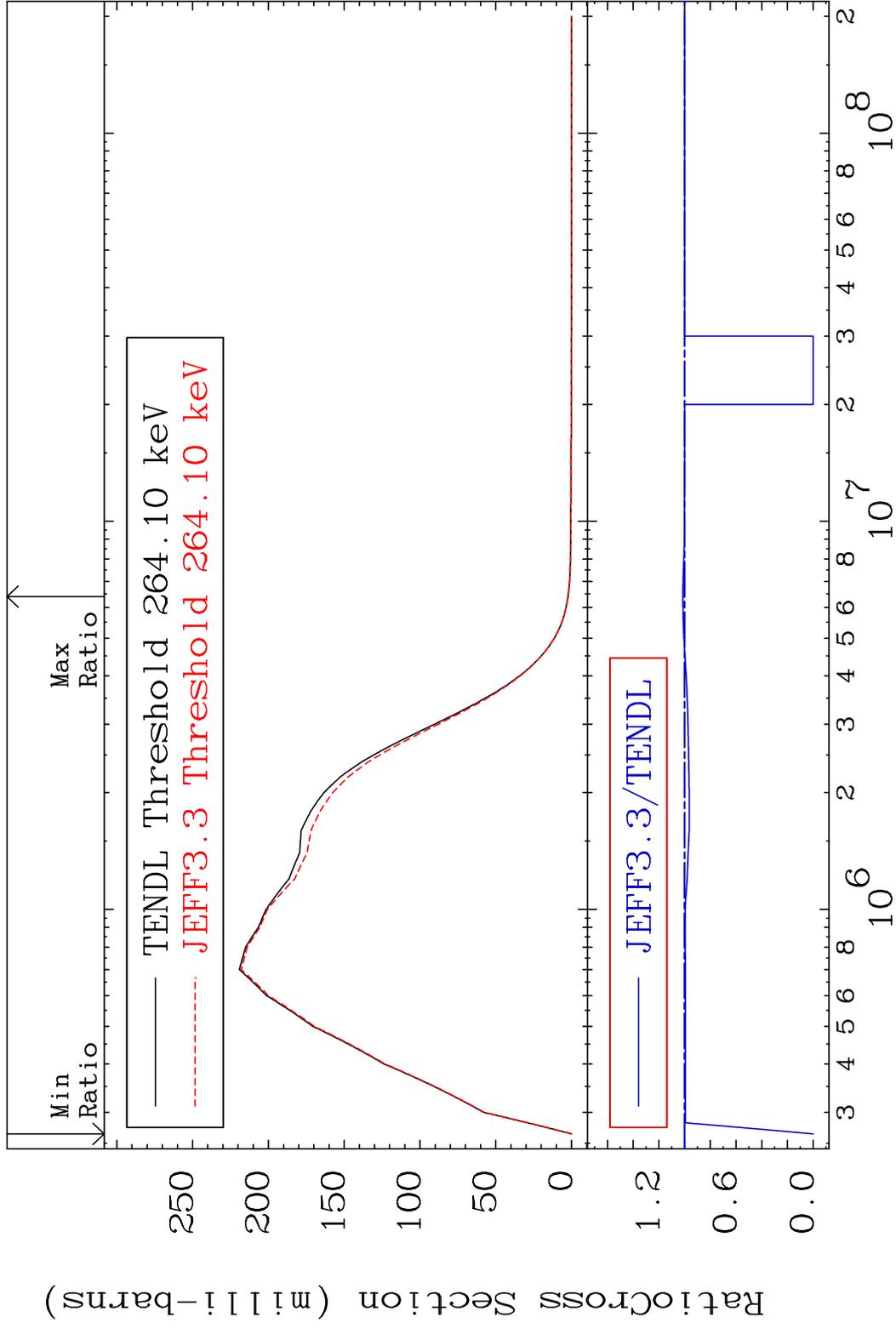
MAT 8228 (n,2n) p 82-Pb-205
 Cross Section -100.0 To 0.000 %



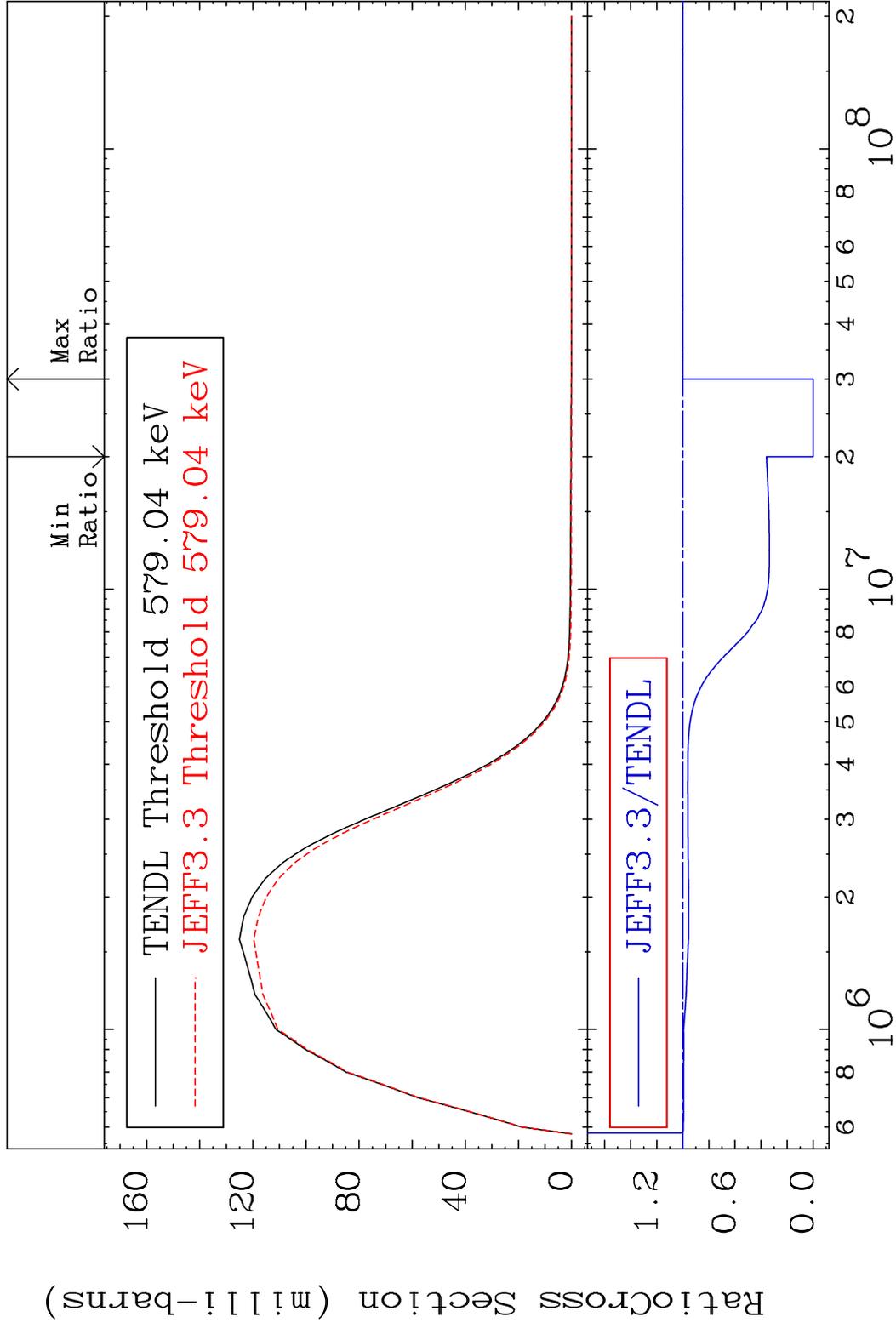
MAT 8228 MT= 51 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 1127. %



MAT 8228 MT= 52 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 1.373 %

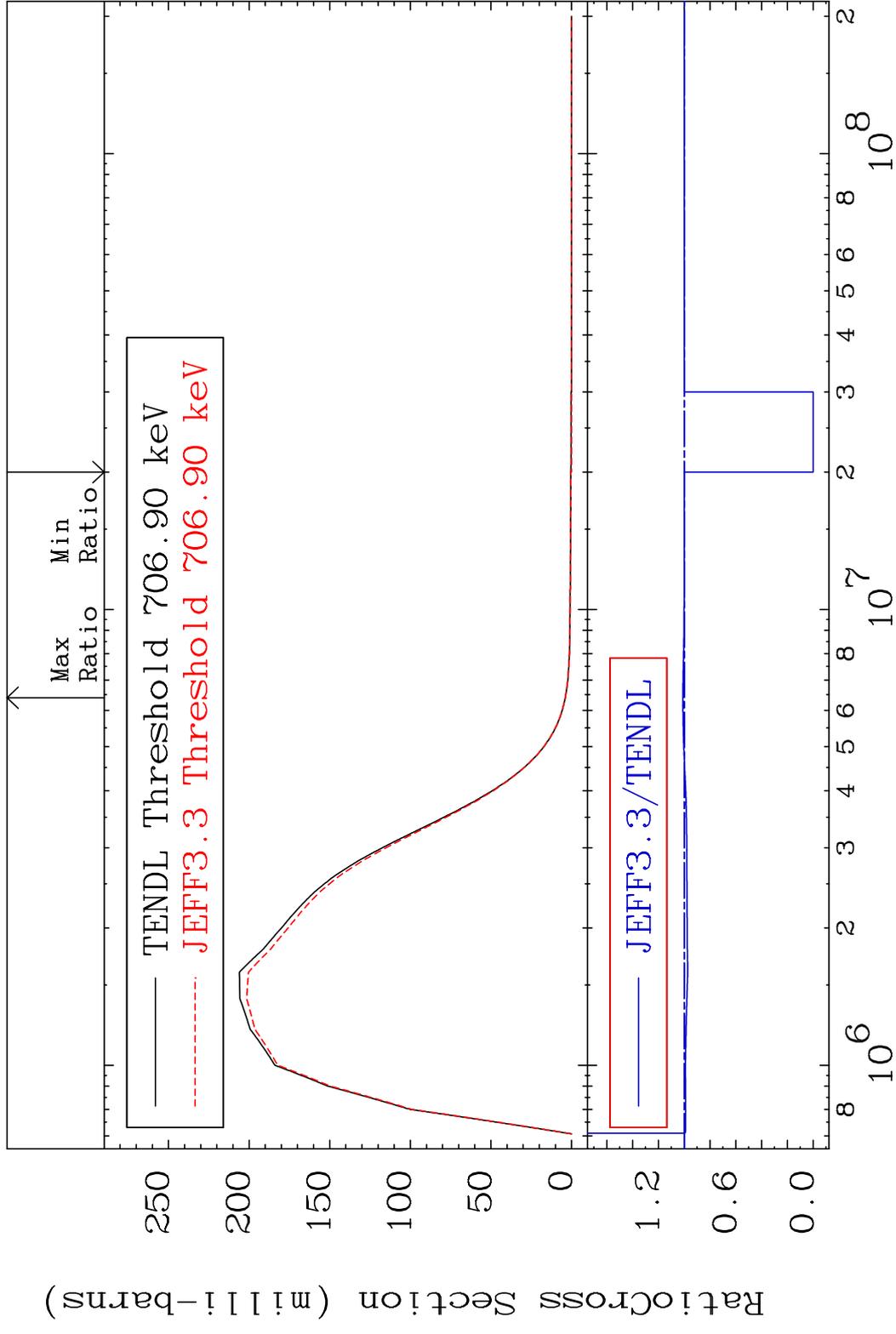


MAT 8228 MT= 53 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.000 %

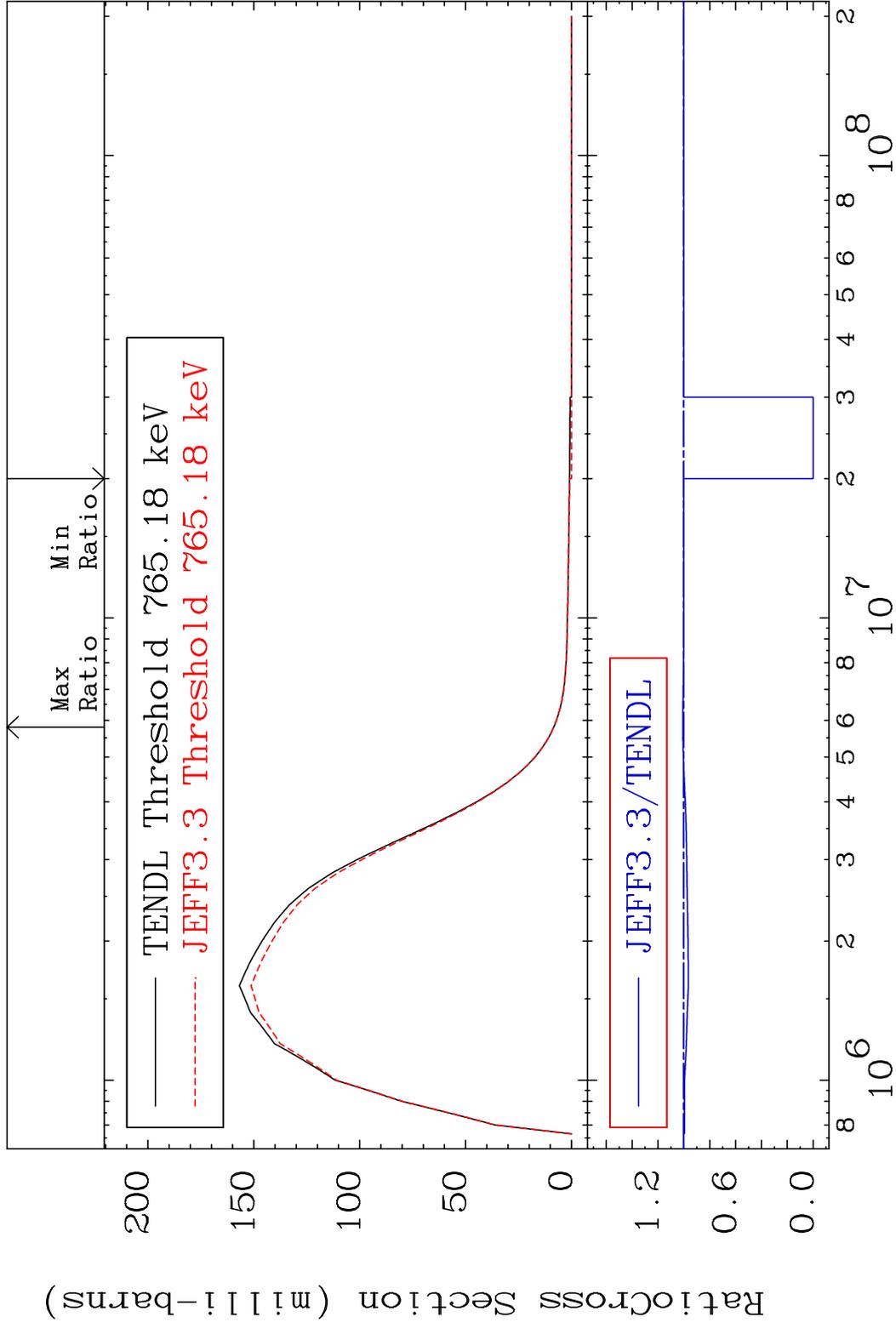


15 Incident Energy (eV) 82-Pb-205

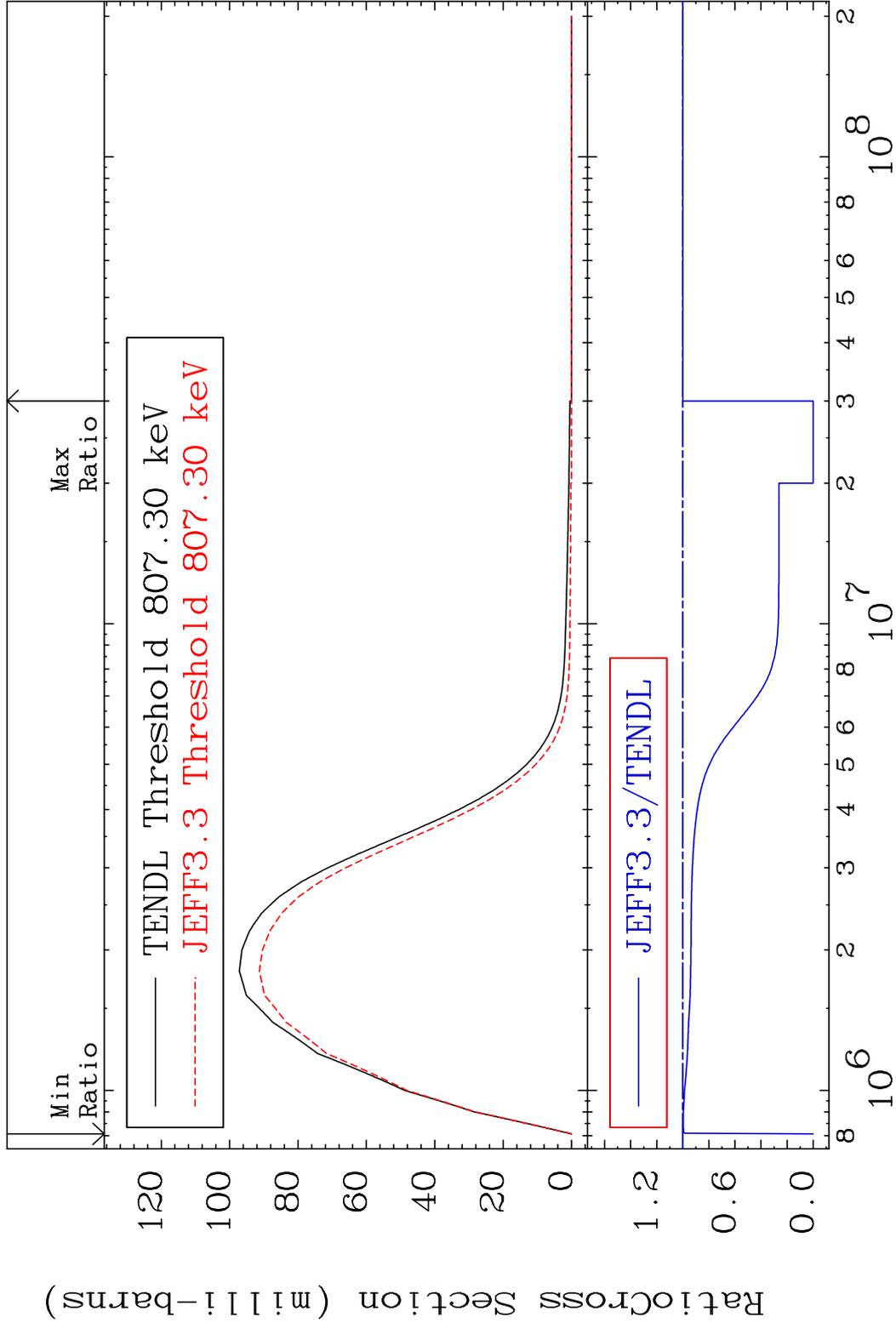
MAT 8228 MT= 54 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 1.069 %



MAT 8228 MT= 55 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.782 %

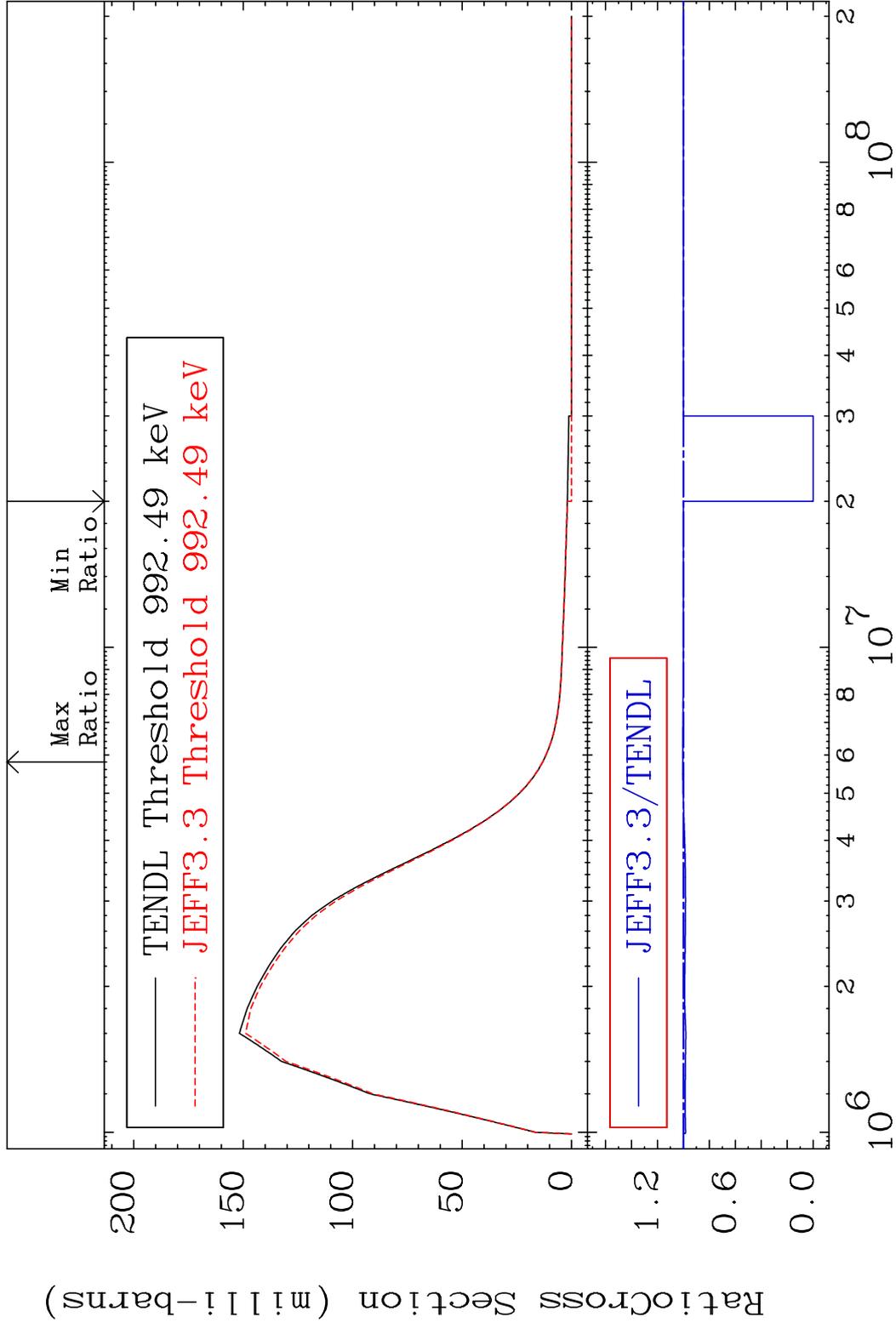


MAT 8228 MT= 56 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.000 %



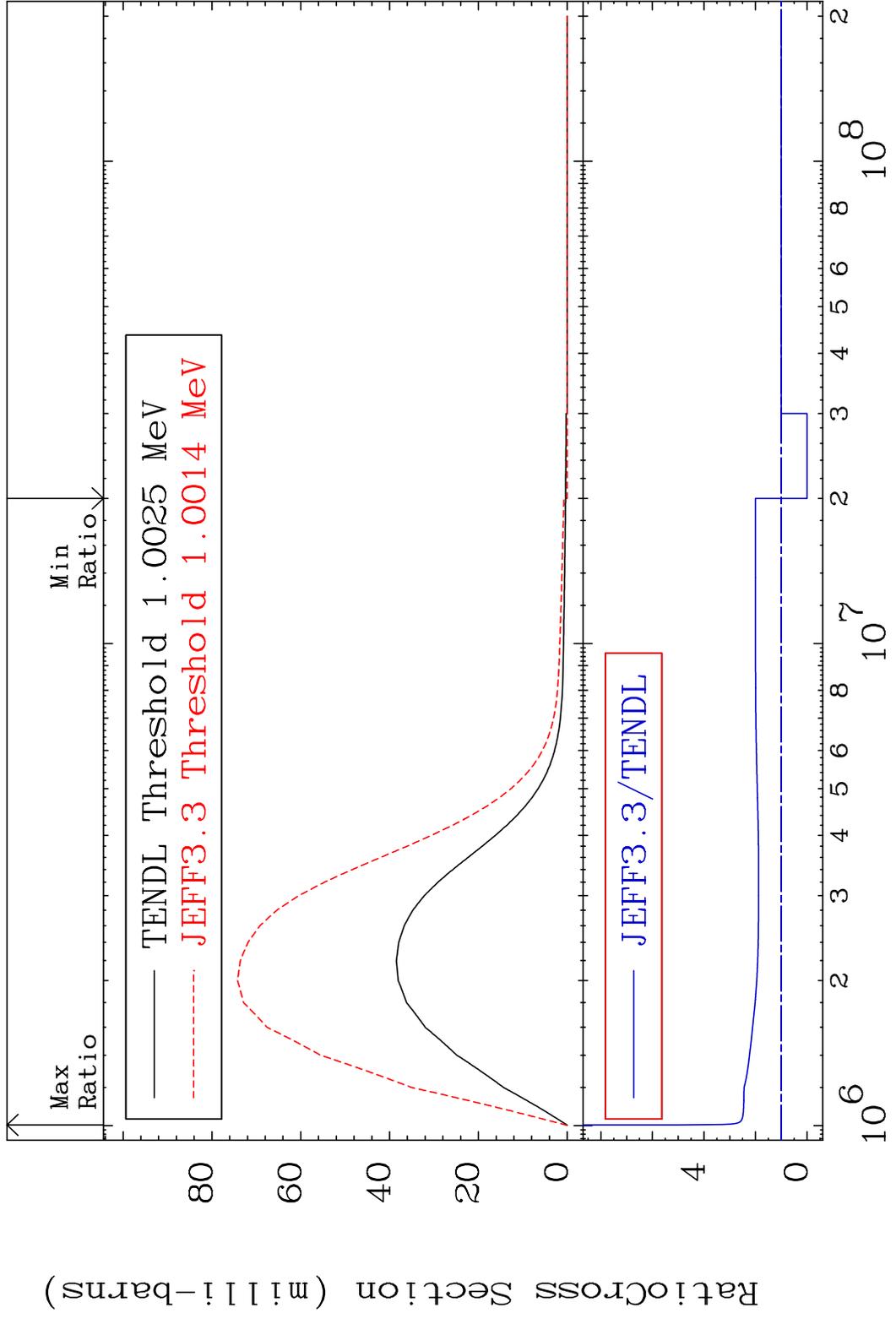
18 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 57 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.417 %

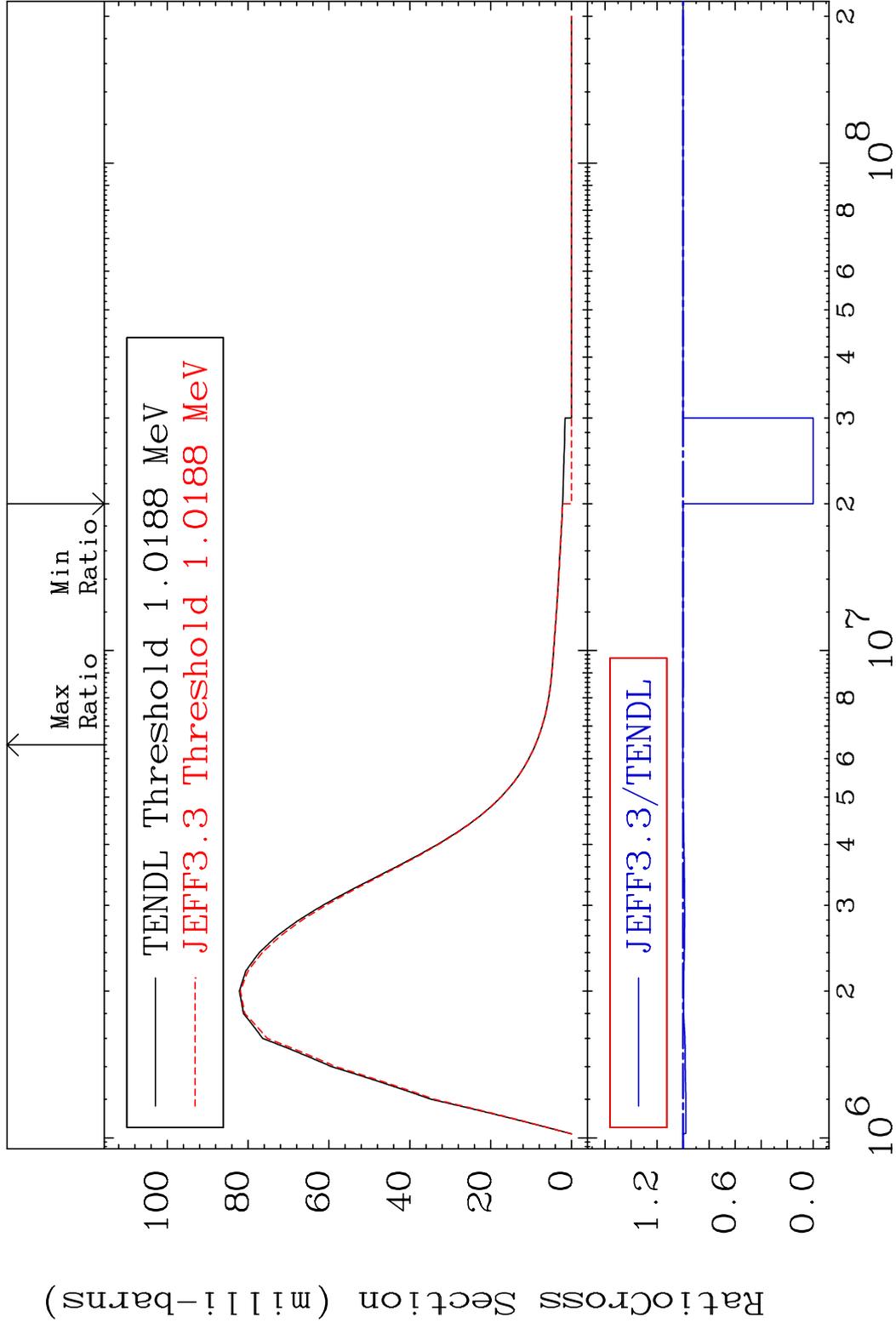


19 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 58 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 402.0 %

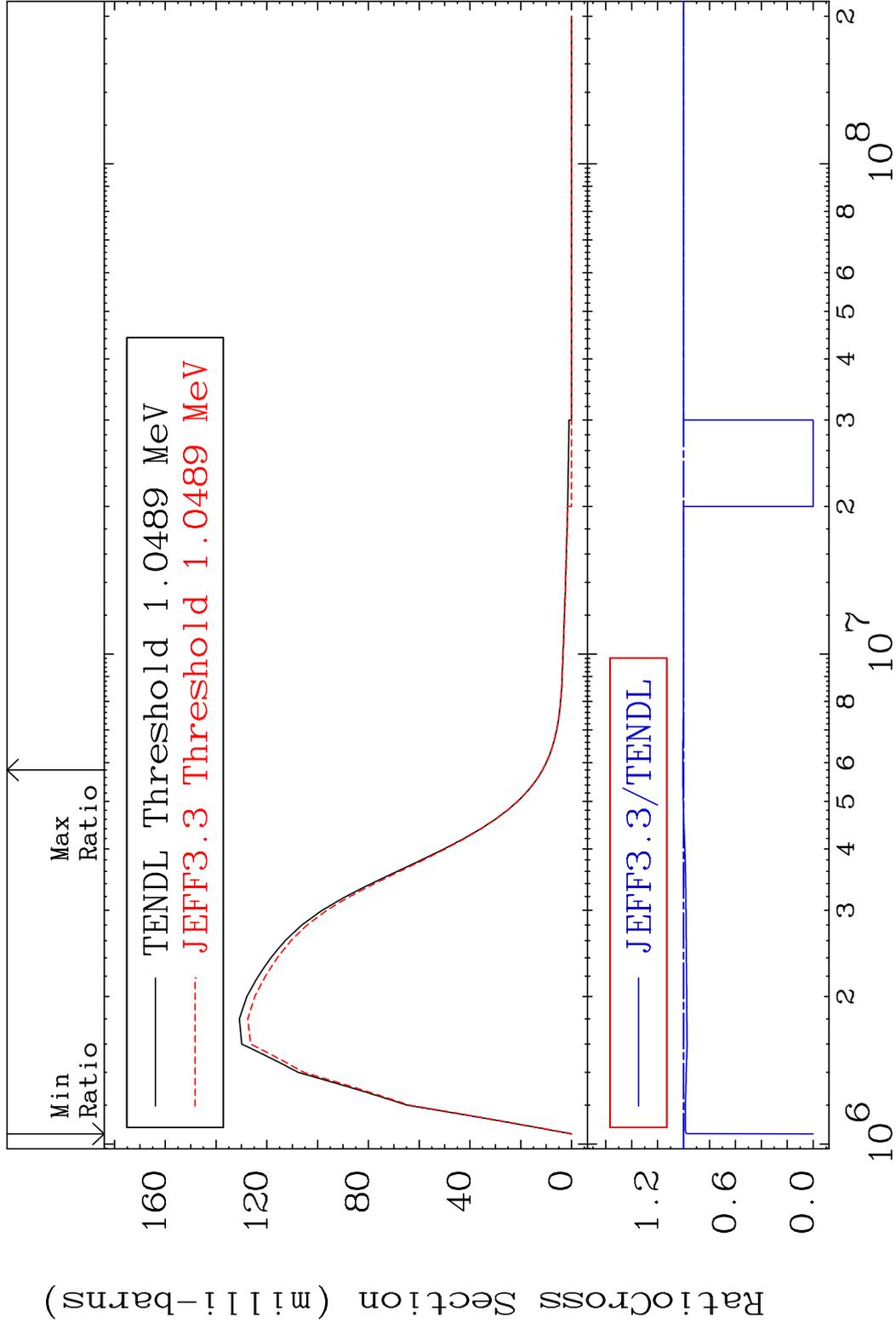


MAT 8228 MT= 59 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.159 %



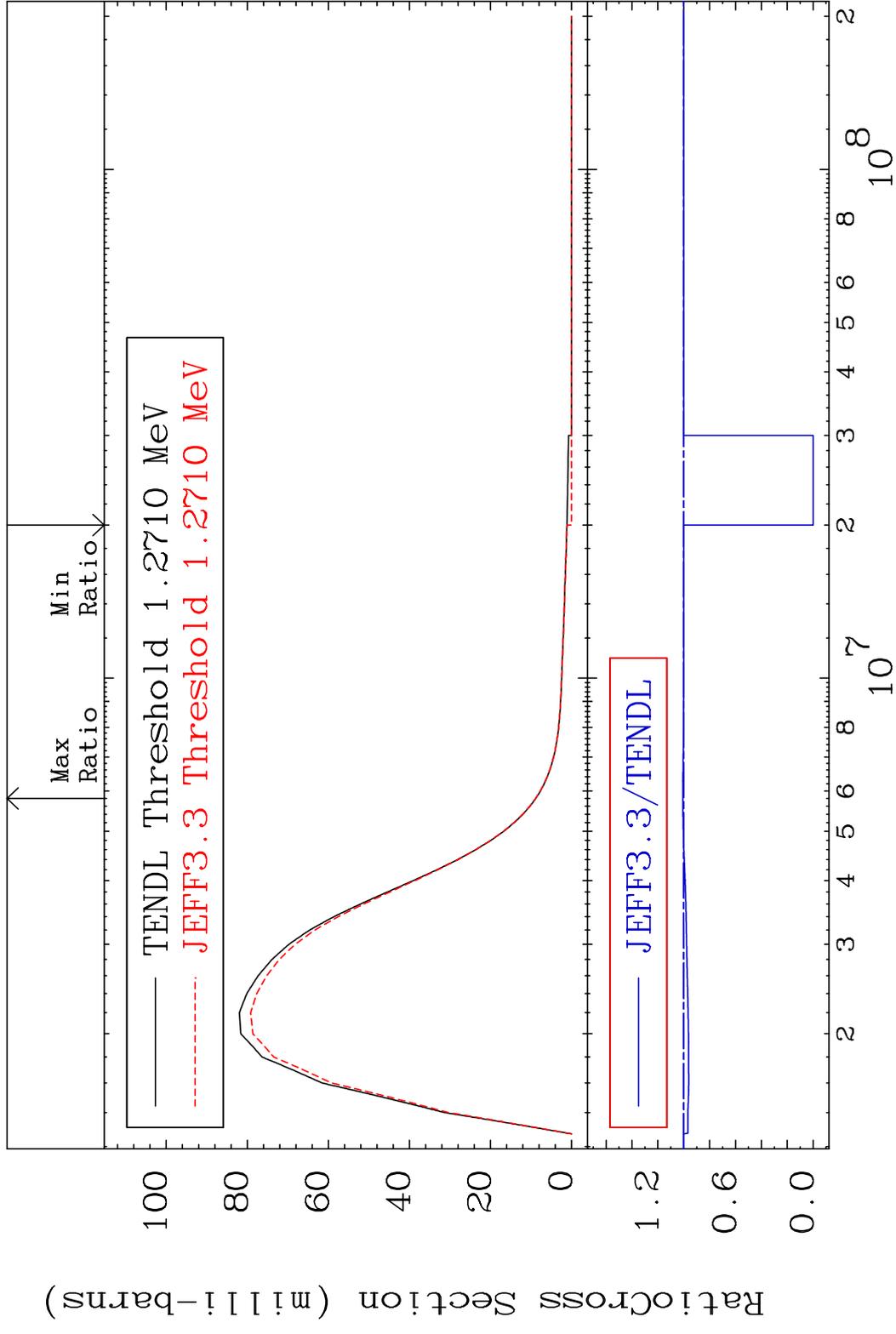
21 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 60 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.562 %

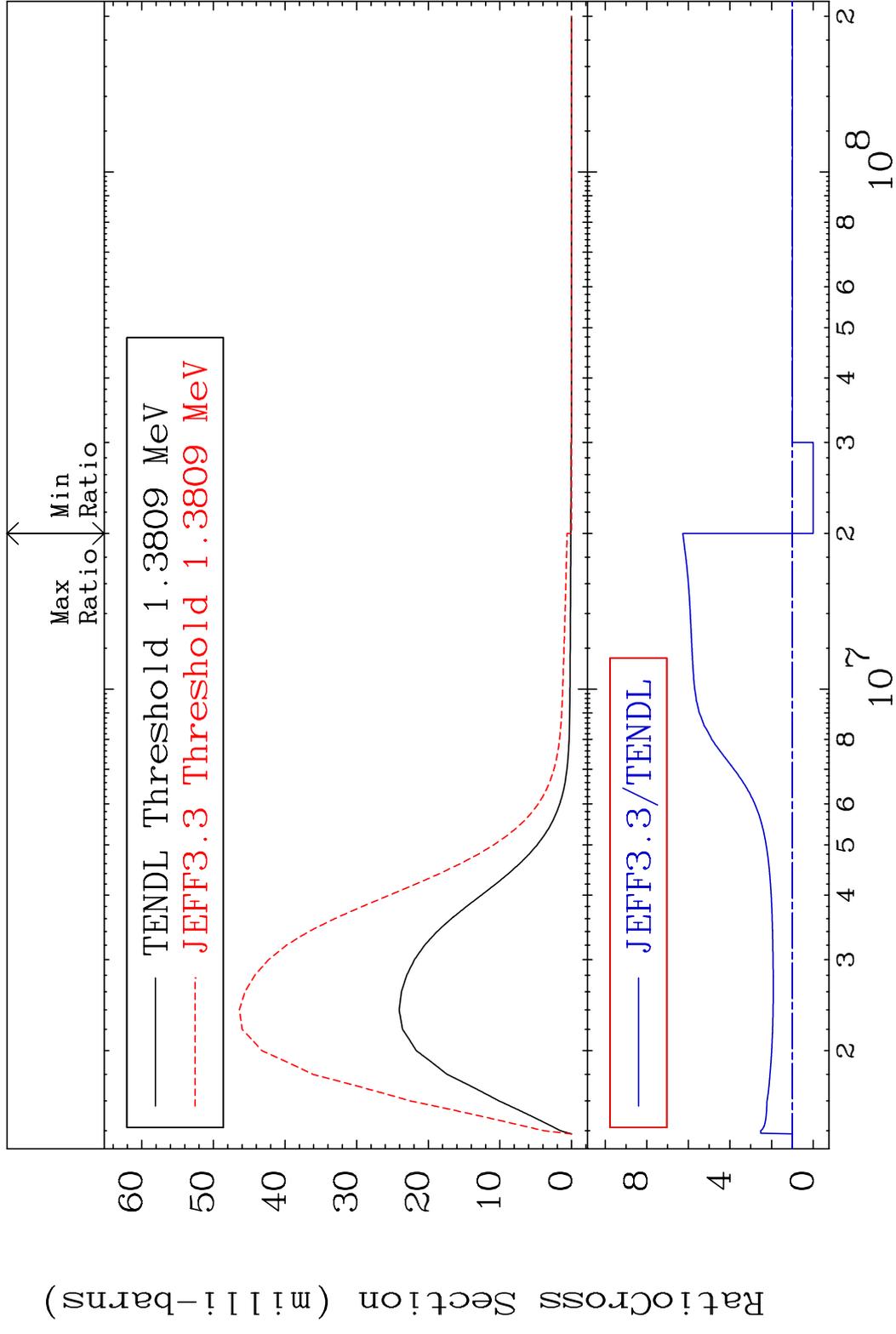


22 Incident Energy (eV) 82-Pb-205

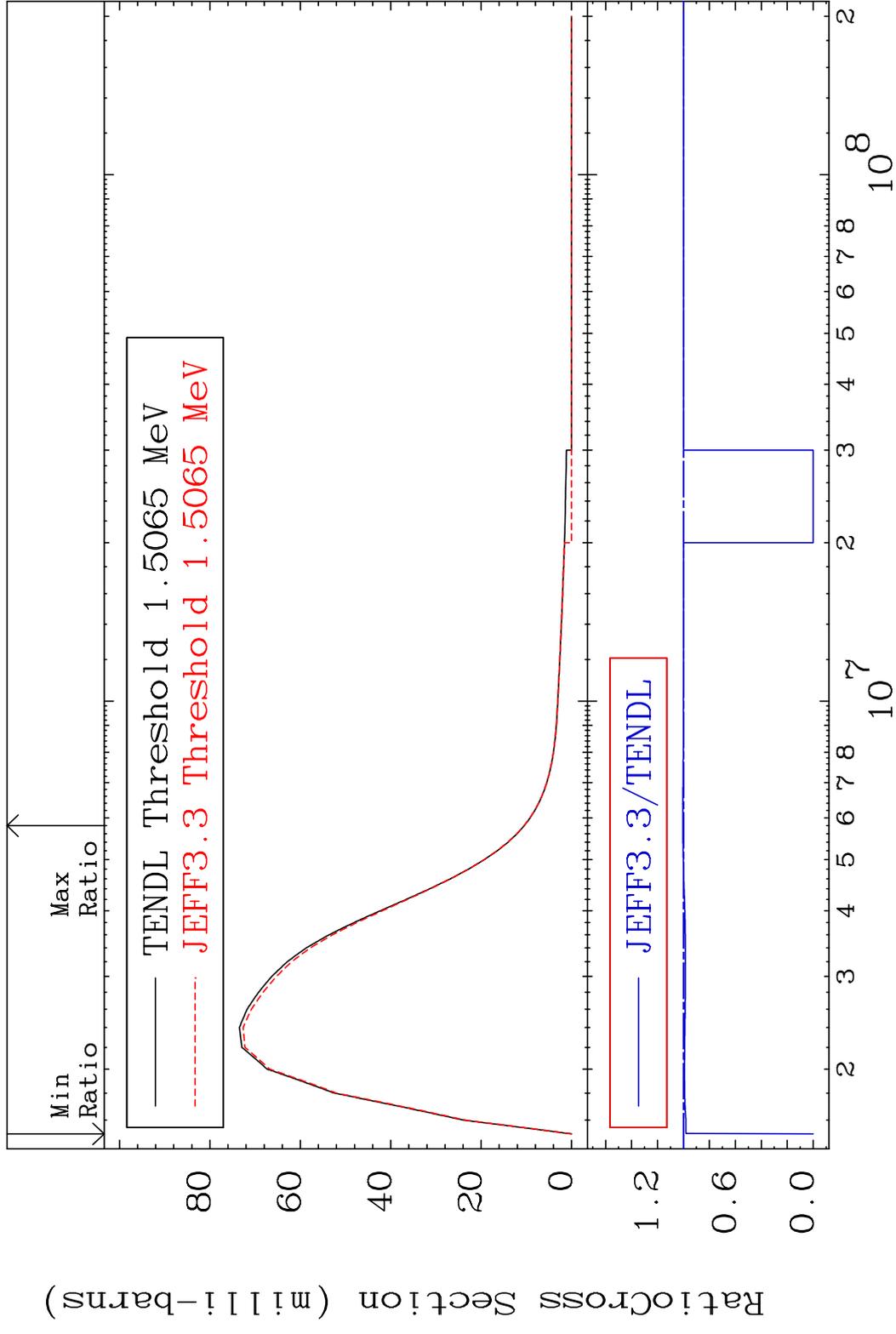
MAT 8228 MT= 61 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.698 %



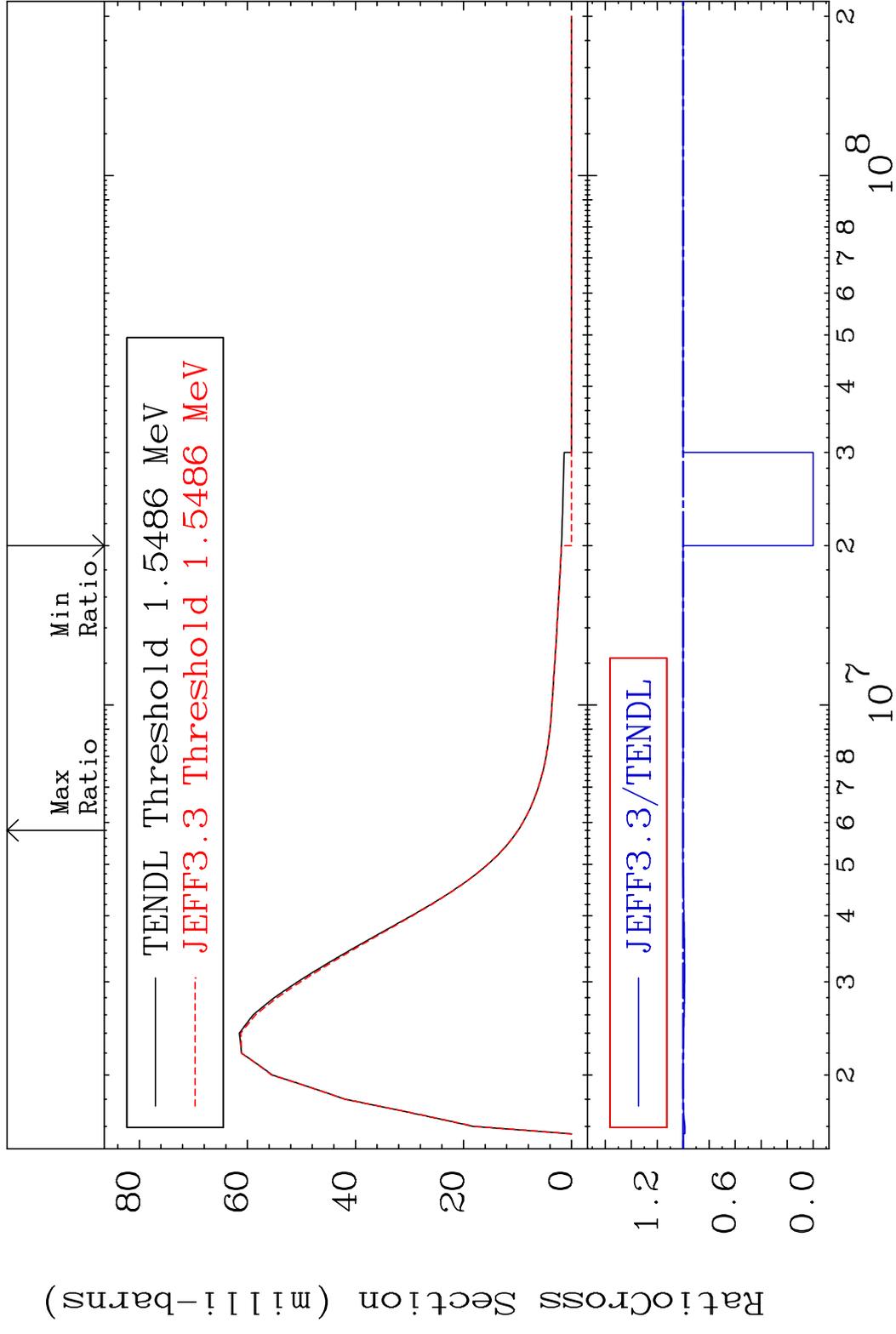
MAT 8228 MT= 62 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 526.7 %



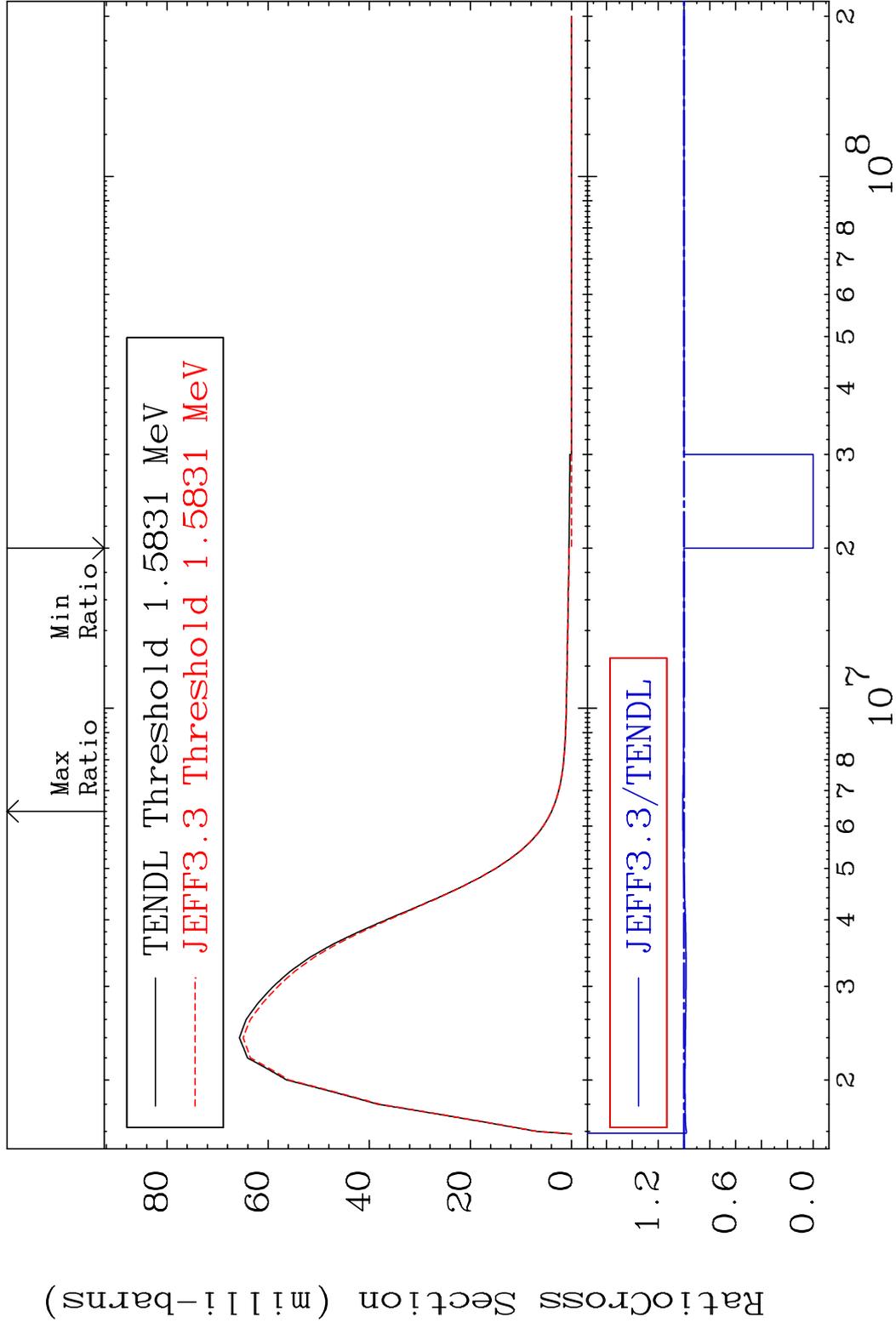
MAT 8228 MT= 63 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.481 %



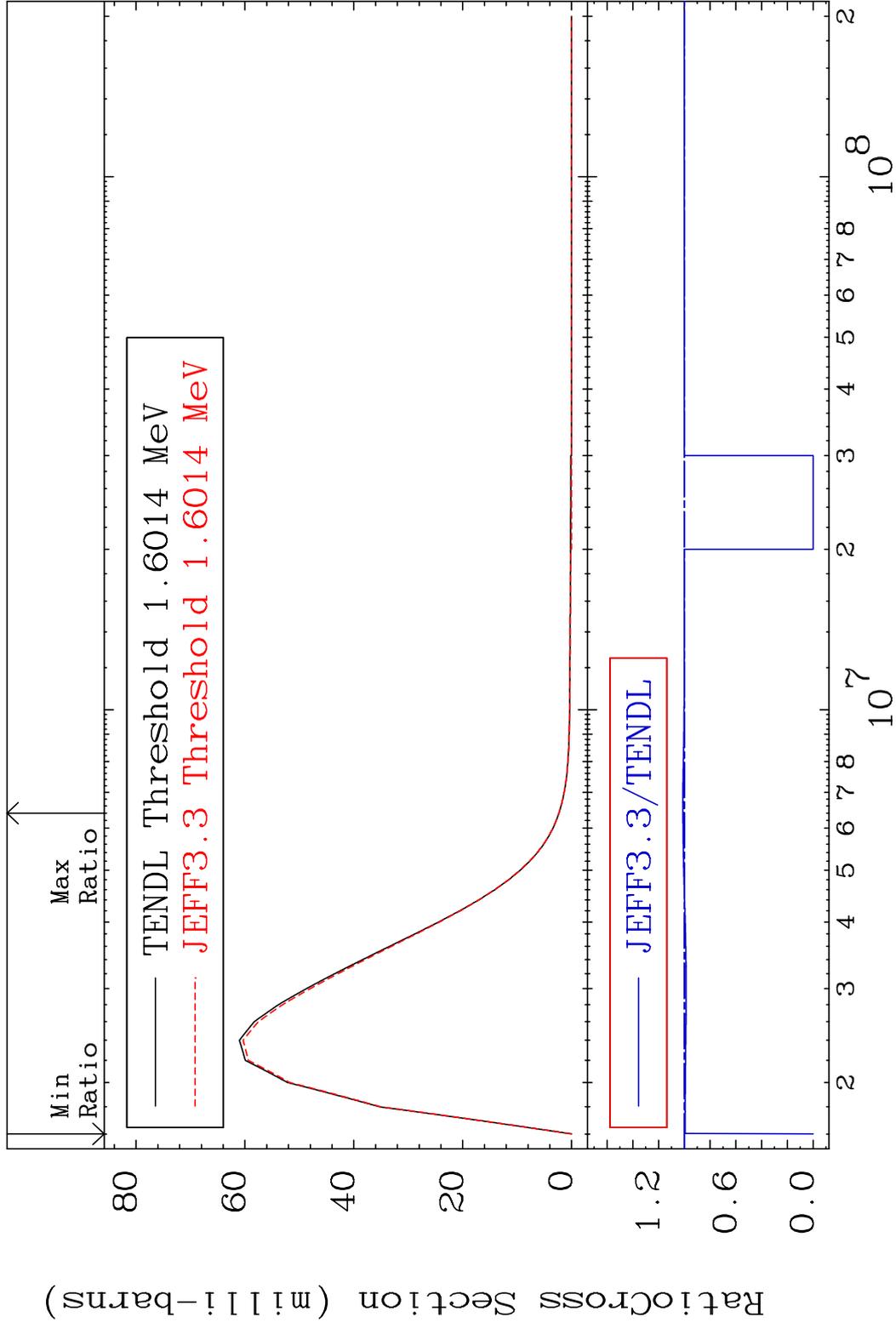
MAT 8228 MT= 64 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.284 %



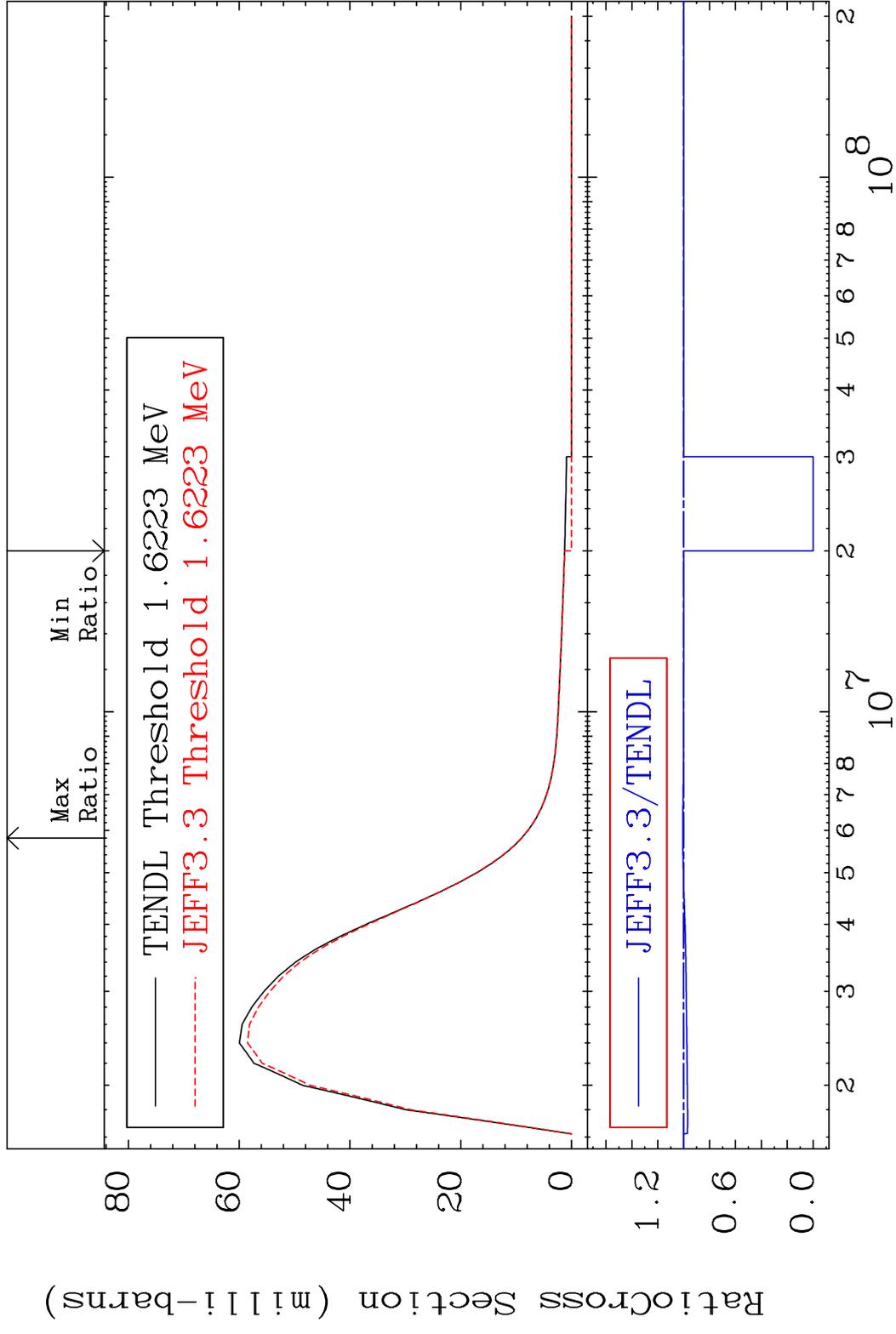
MAT 8228 MT= 65 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.860 %



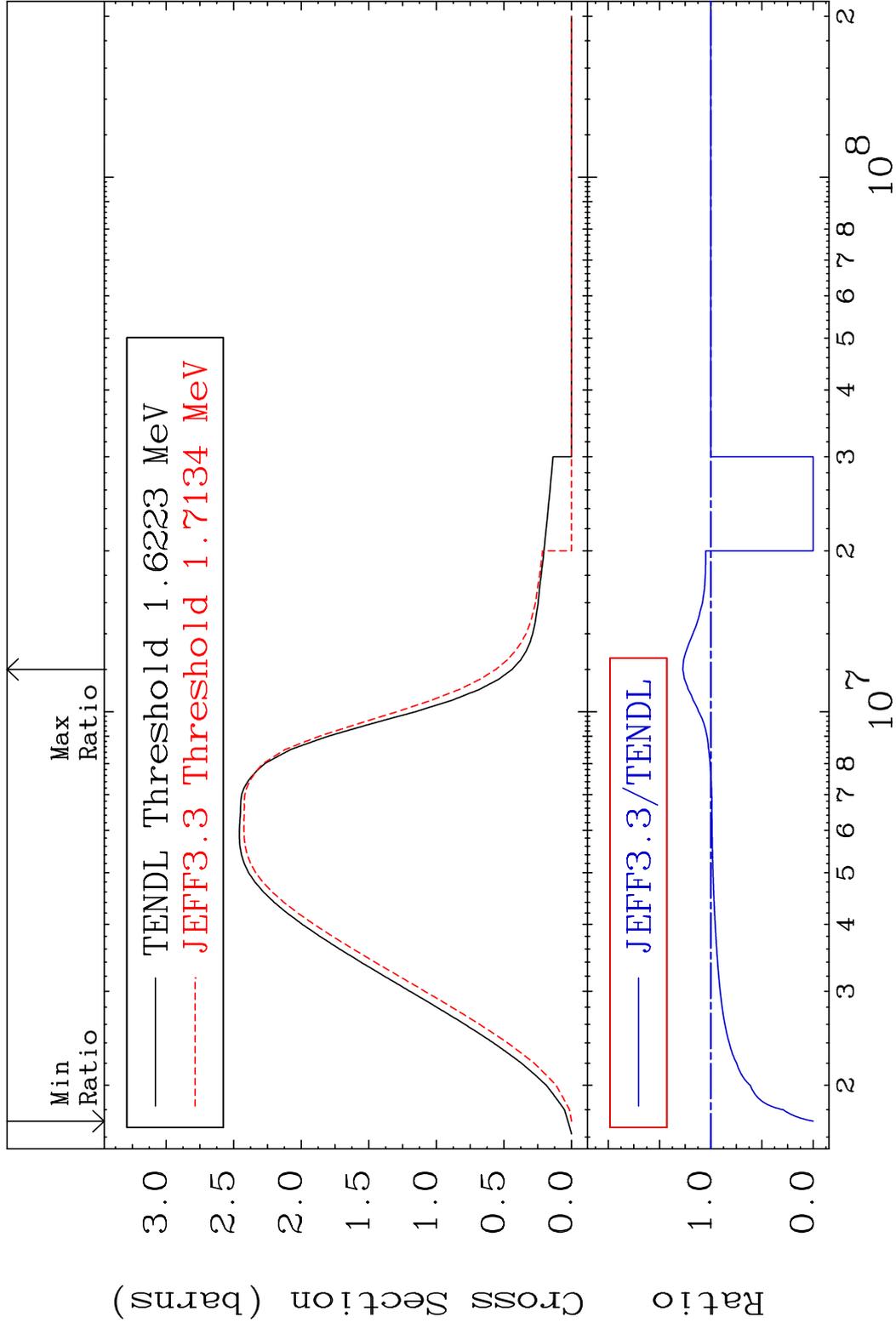
MAT 8228 MT= 66 (n,n') Level 82-Pb-205
 Cross Section -100.0 To 1.164 %



MAT 8228 MT= 67 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.651 %



MAT 8228 (n,n') Continuum 82-Pb-205
 Cross Section -100.0 To 27.23 %

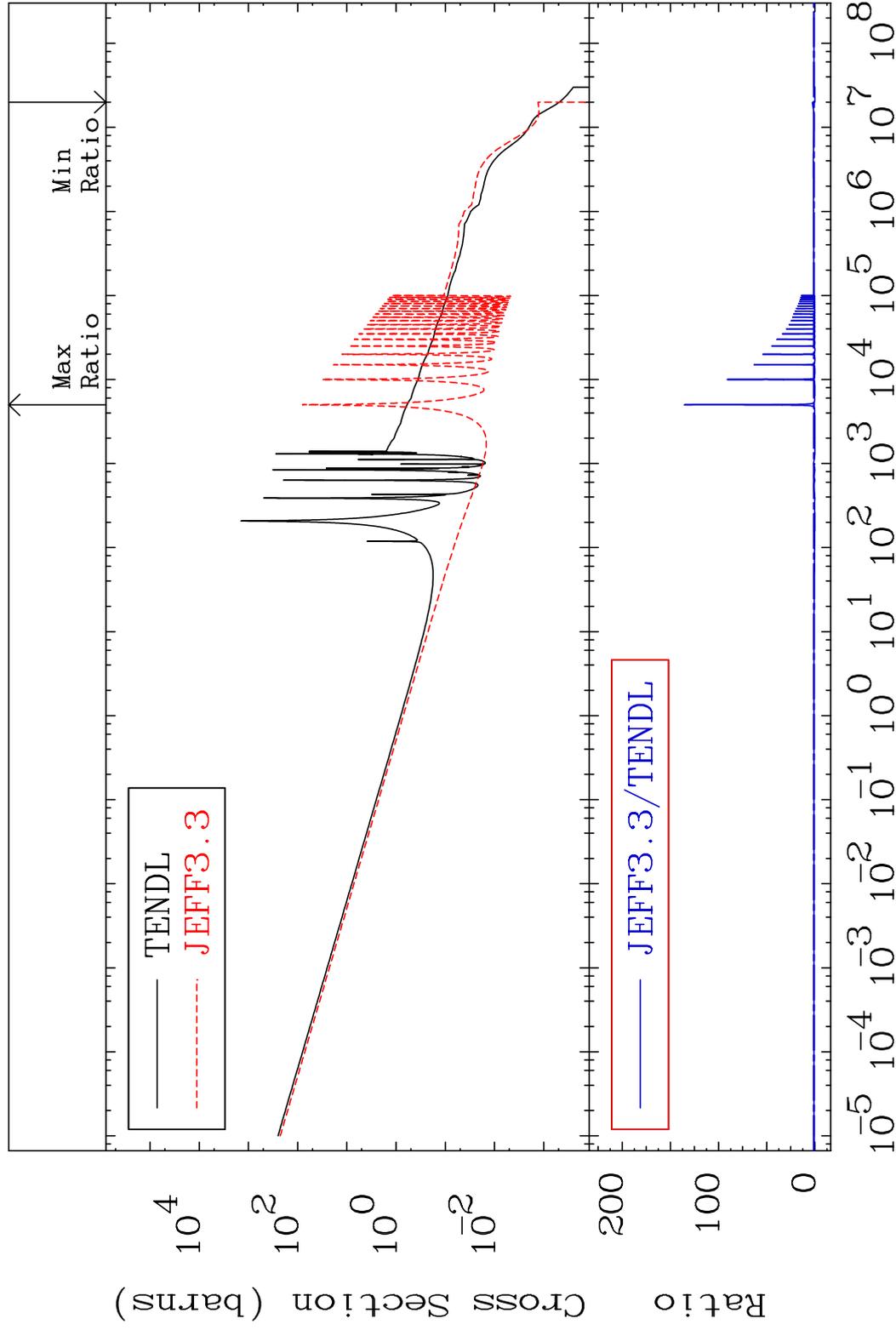


MAT 8228

(n, γ)

82-Pb-205

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

82-Pb-205

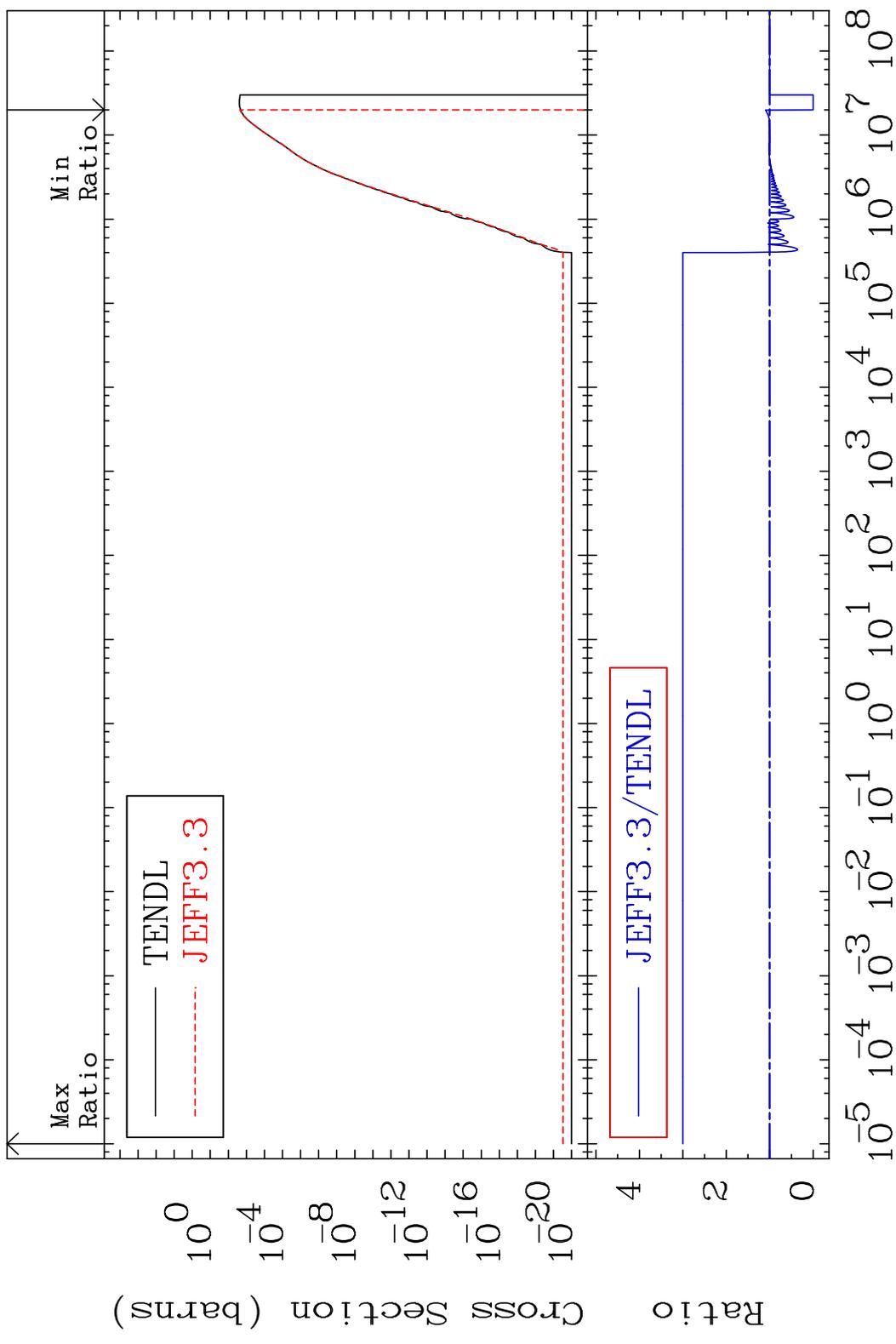
MAT 8228

(n, p)

82-Pb-205

Cross Section

-100.0 To 200.0 %



32

Incident Energy (eV)

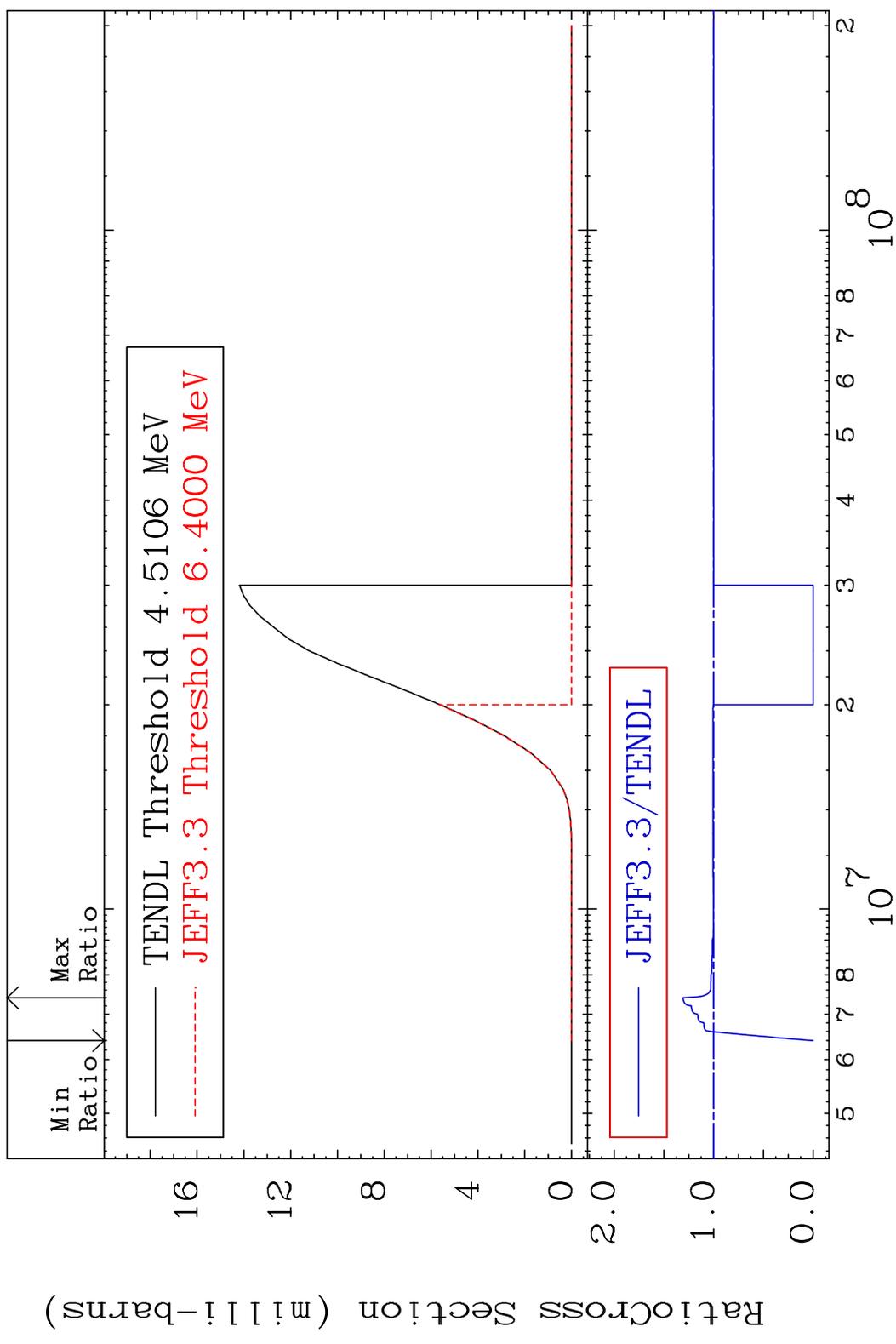
82-Pb-205

MAT 8228

(n,d)

82-Pb-205

Cross Section -100.0 To 30.95 %

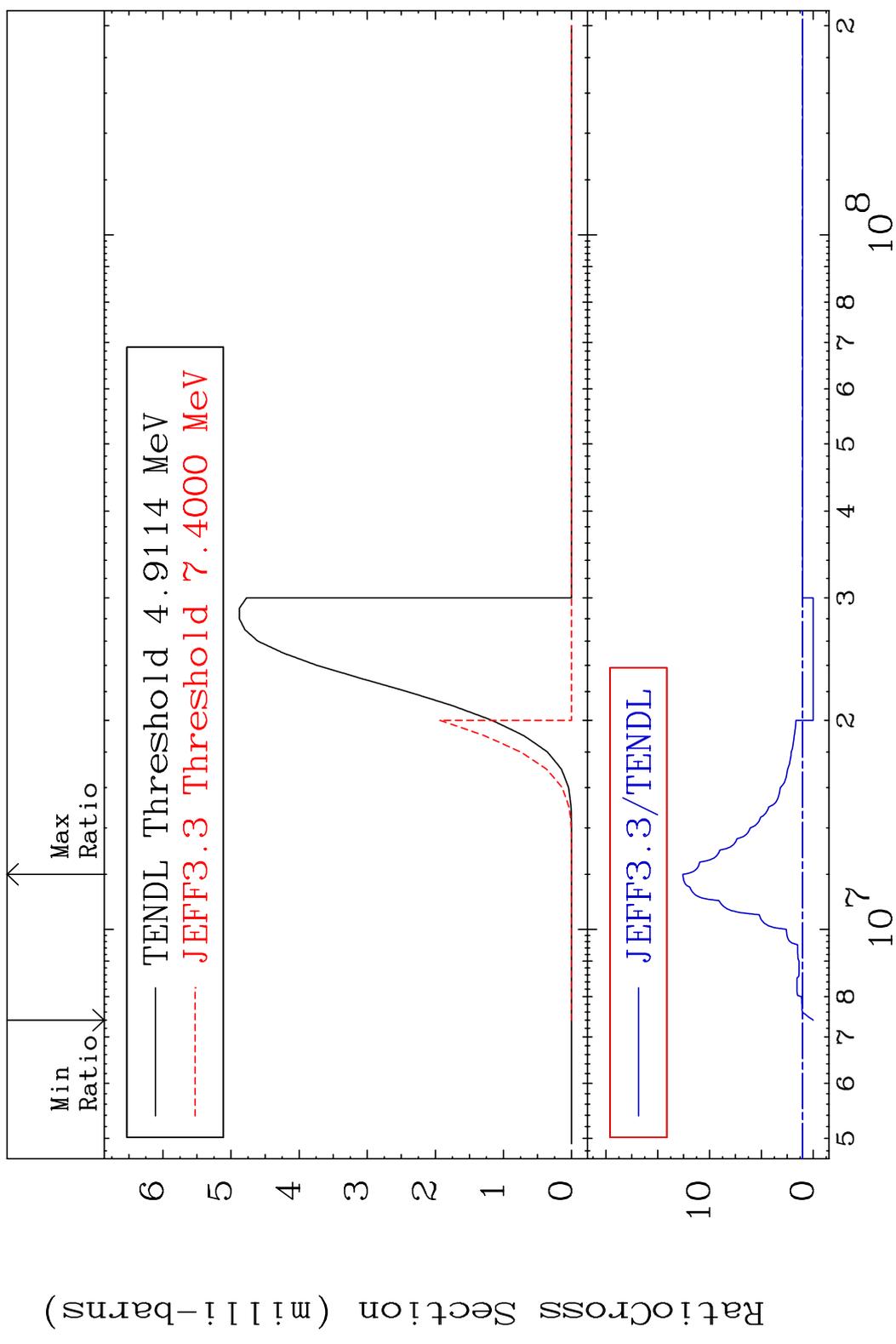


MAT 8228

(n, t)

82-Pb-205

Cross Section -100.0 To 1158. %

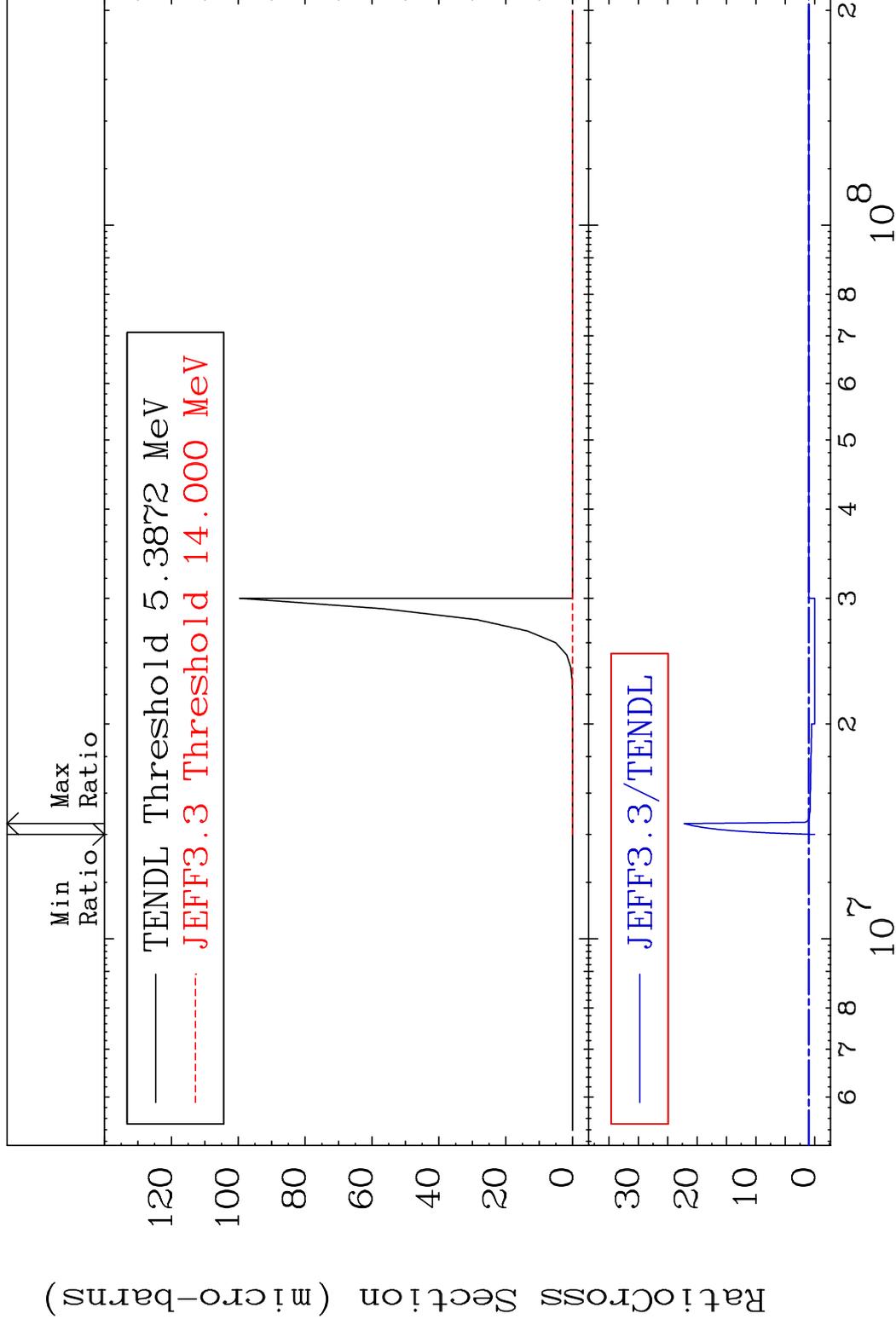


MAT 8228

(n, He-3)

82-Pb-205

Cross Section -100.0 To 2121. %



35

Incident Energy (eV)

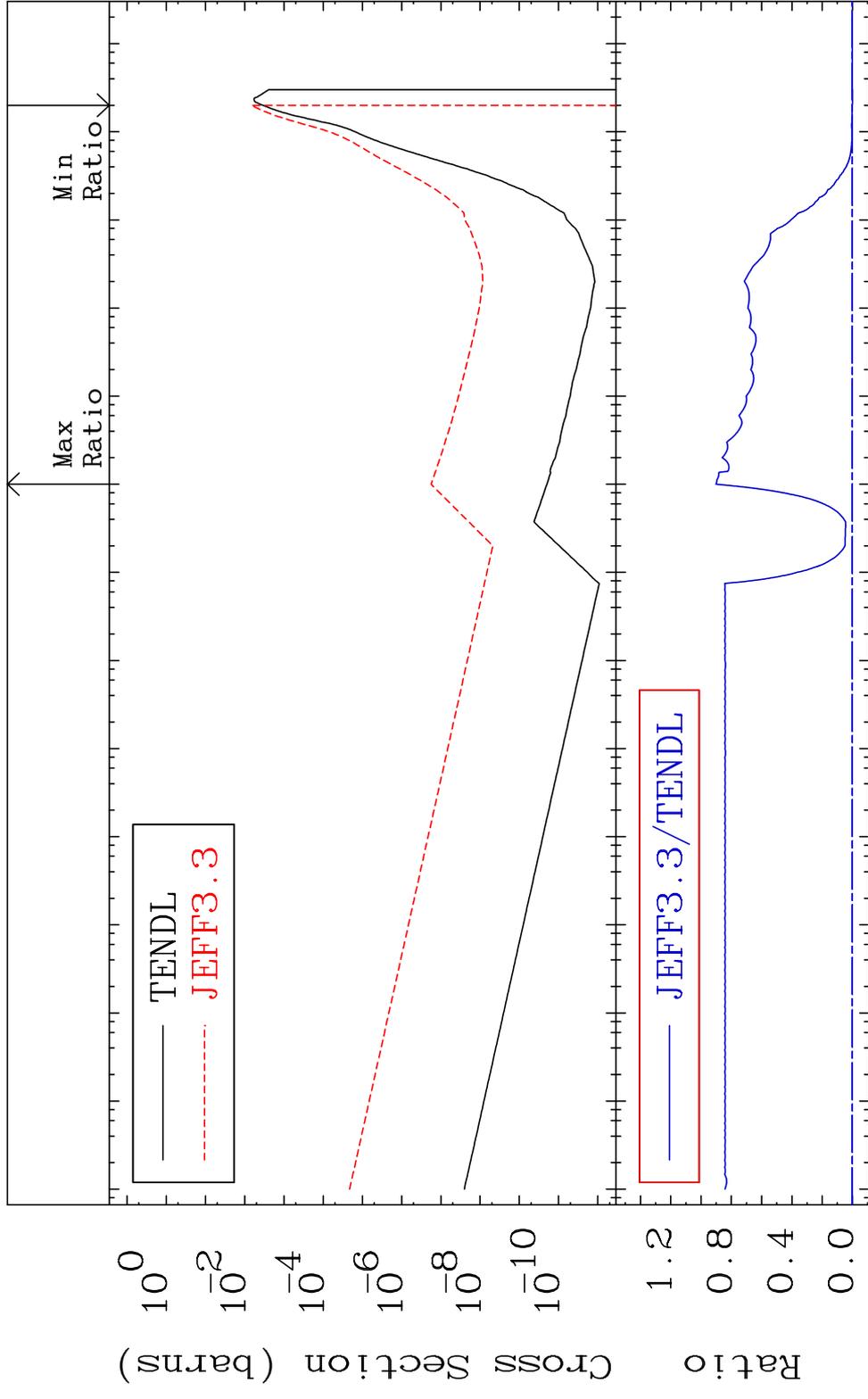
82-Pb-205

MAT 8228

82-Pb-205

(n, α)

Cross Section -100.0 To 9999. %

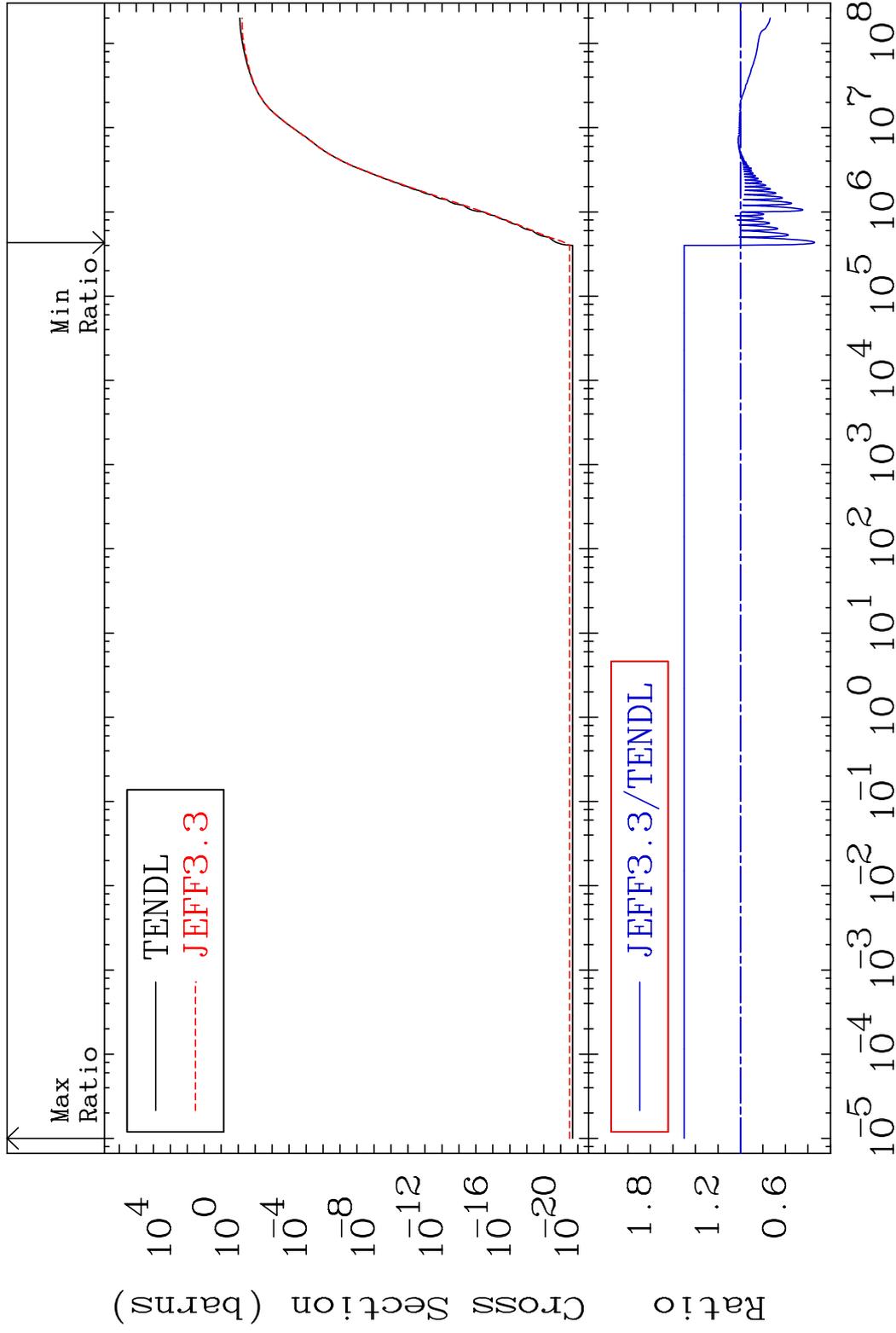


MAT 8228

Hydrogen Production

82-Pb-205

Cross Section -65.97 To 50.00 %

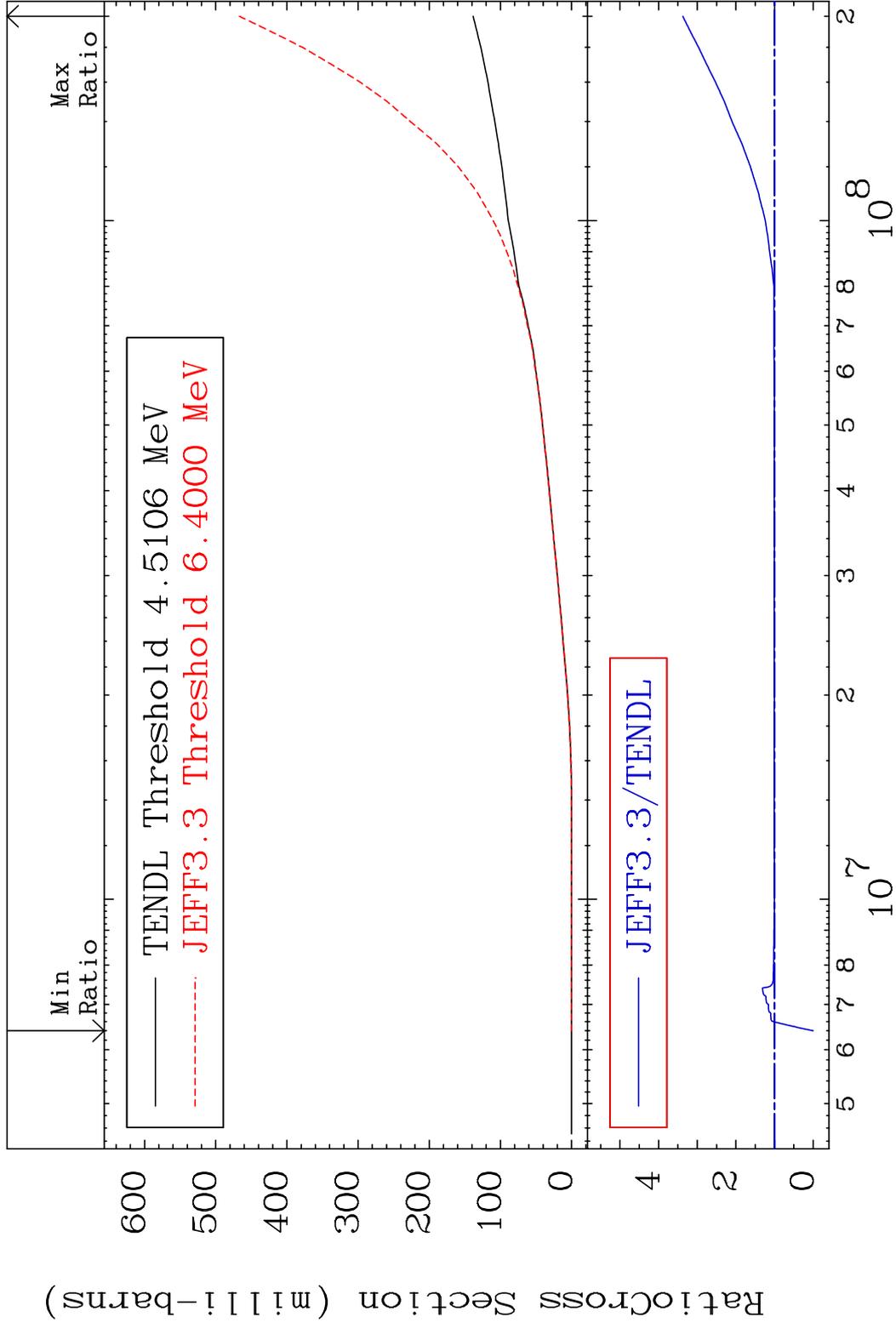


MAT 8228

Deuterium Production

82-Pb-205

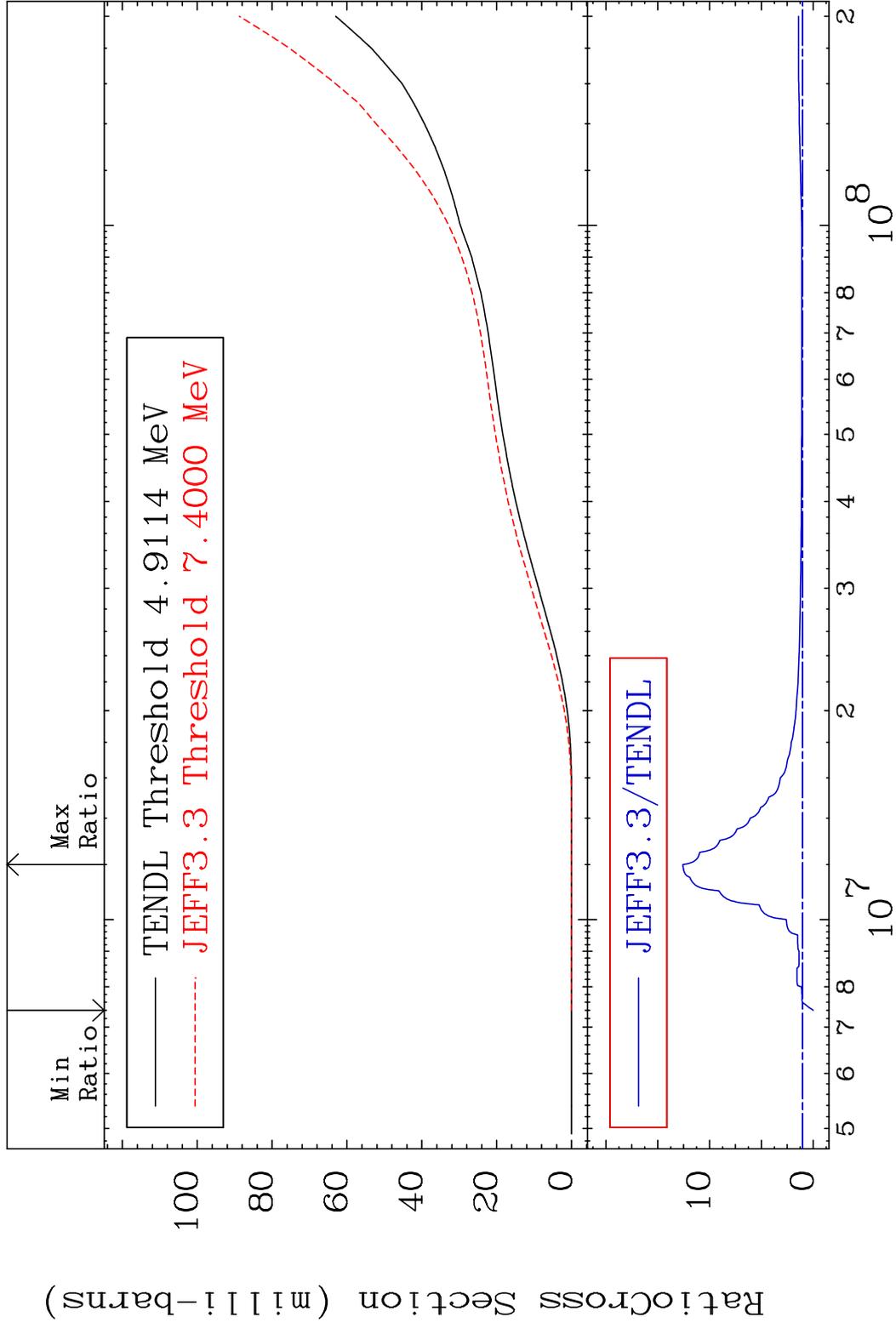
Cross Section -100.0 To 237.3 %



MAT 8228

Tritium Production
Cross Section -100.0 To 1158. %

82-Pb-205

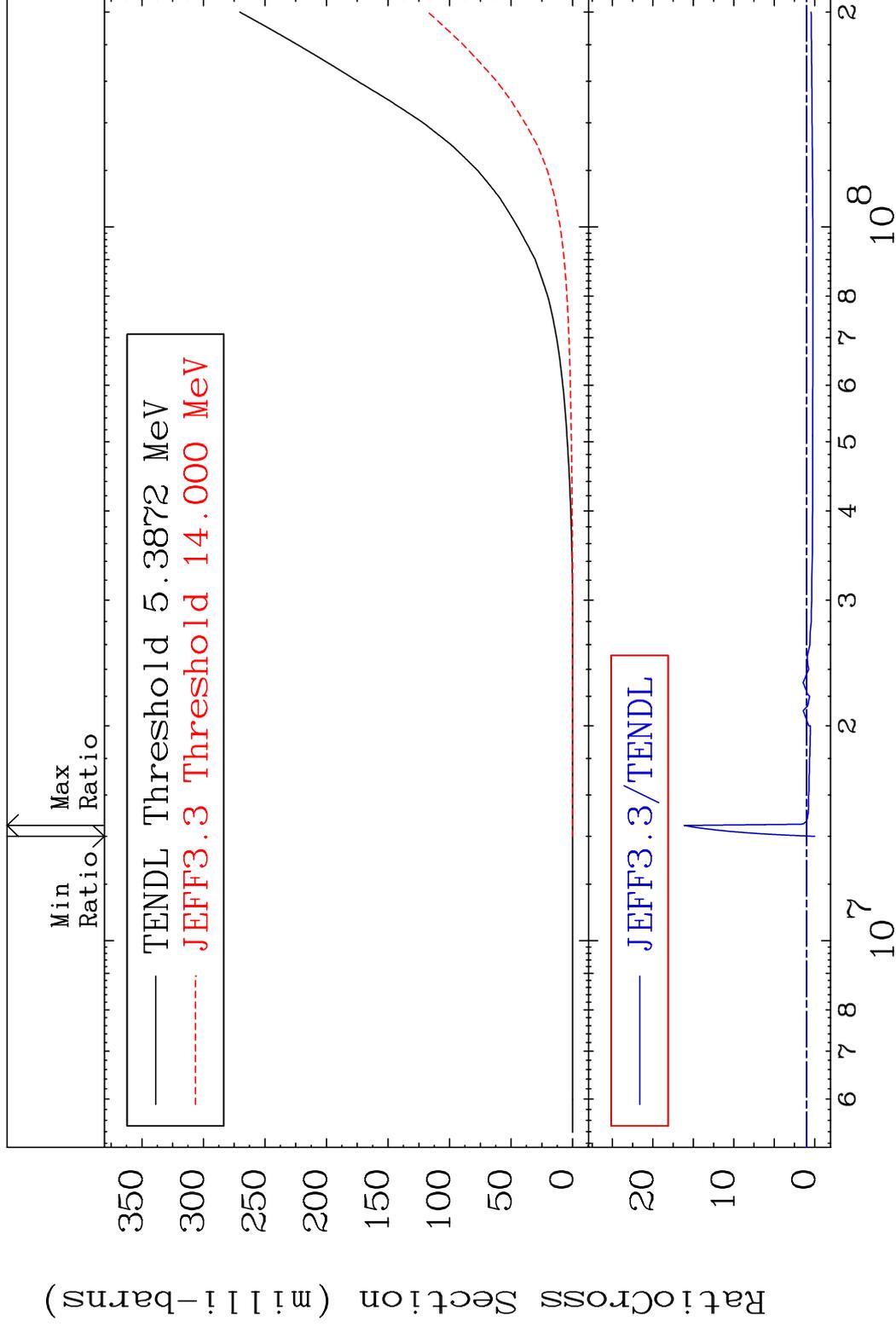


MAT 8228

He-3 Production

82-Pb-205

Cross Section -100.0 To 1514. %



40

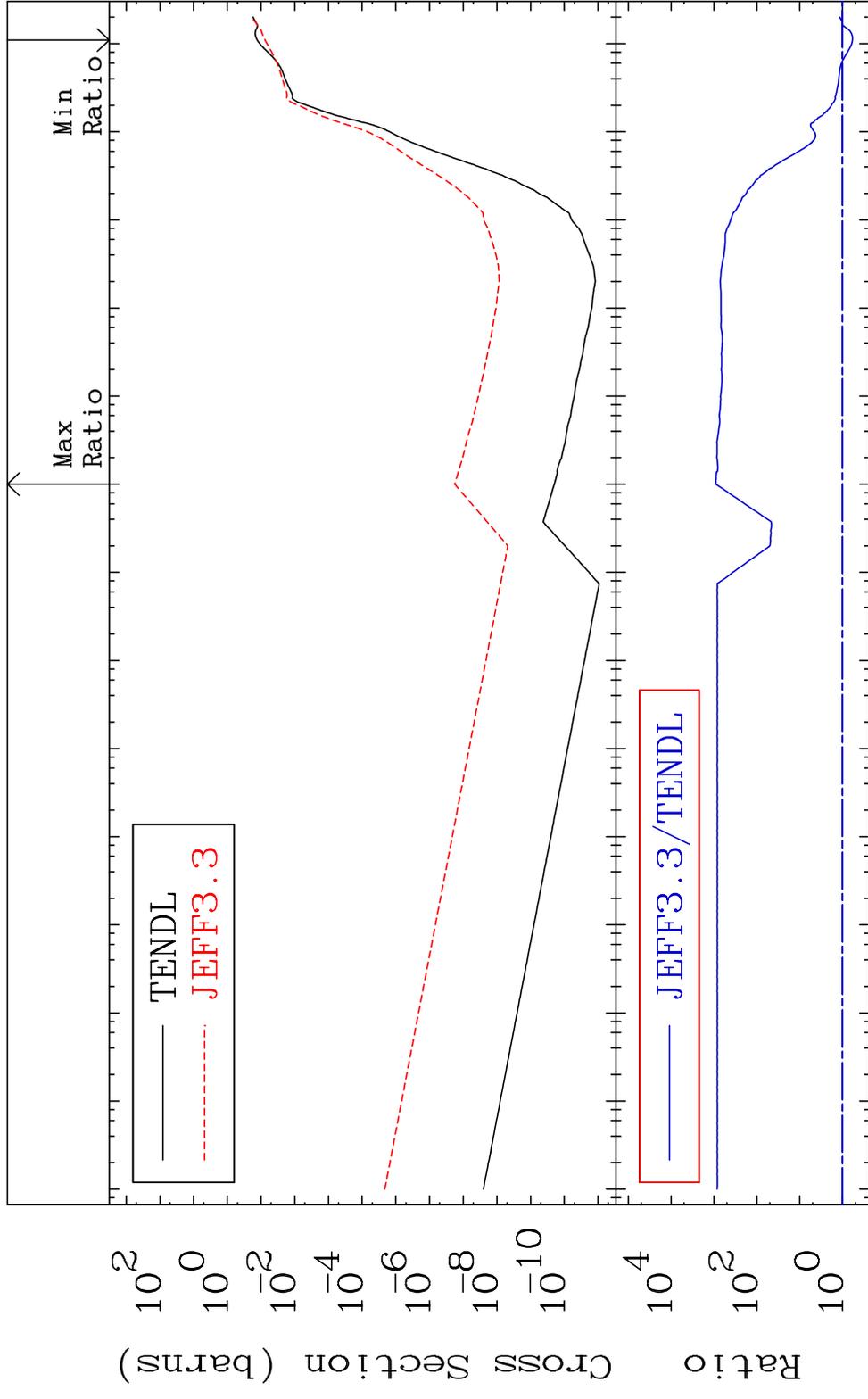
Incident Energy (eV)

82-Pb-205

MAT 8228

He-4 Production
Cross Section -41.42 To 9999. %

82-Pb-205

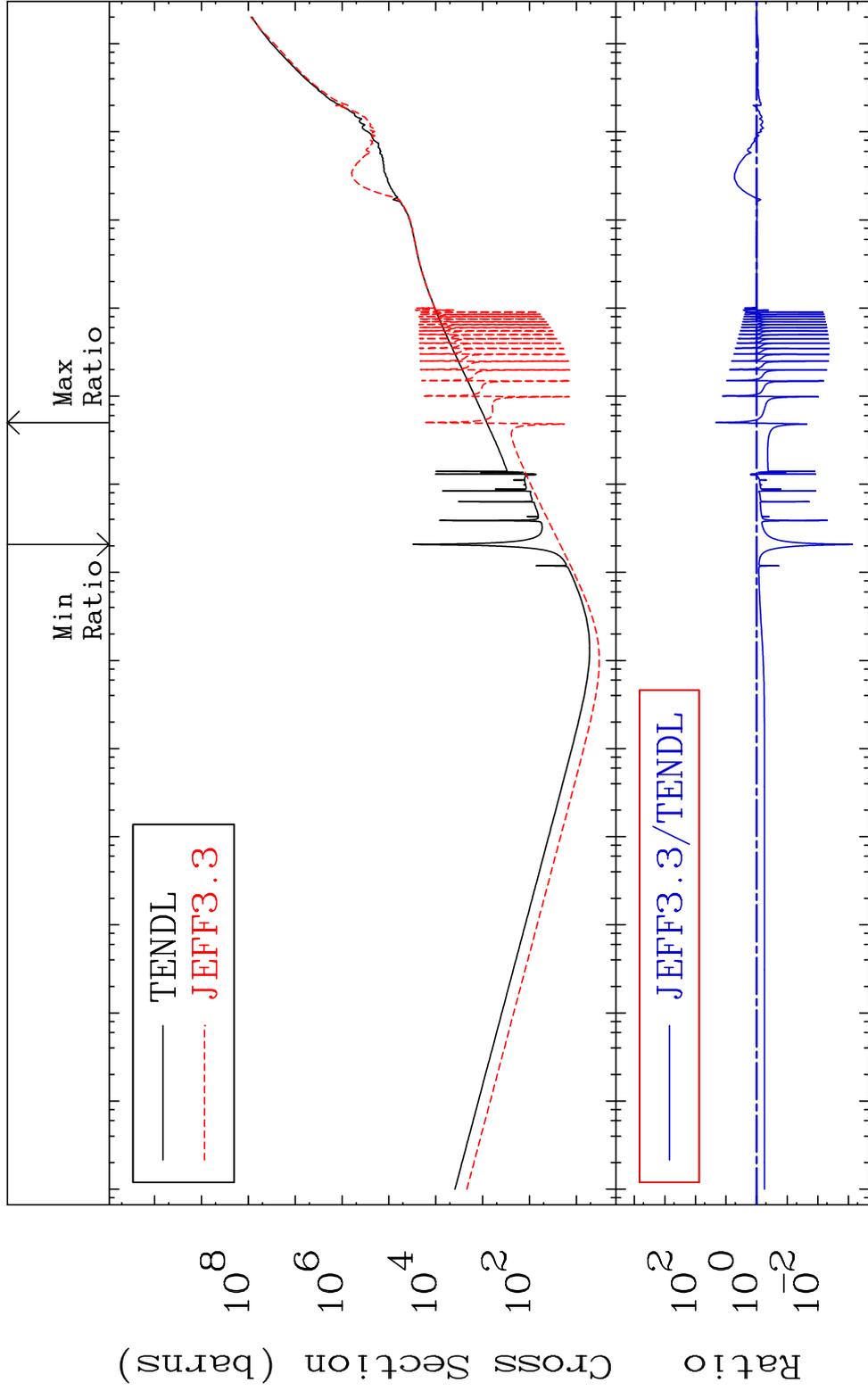


41

Incident Energy (eV)

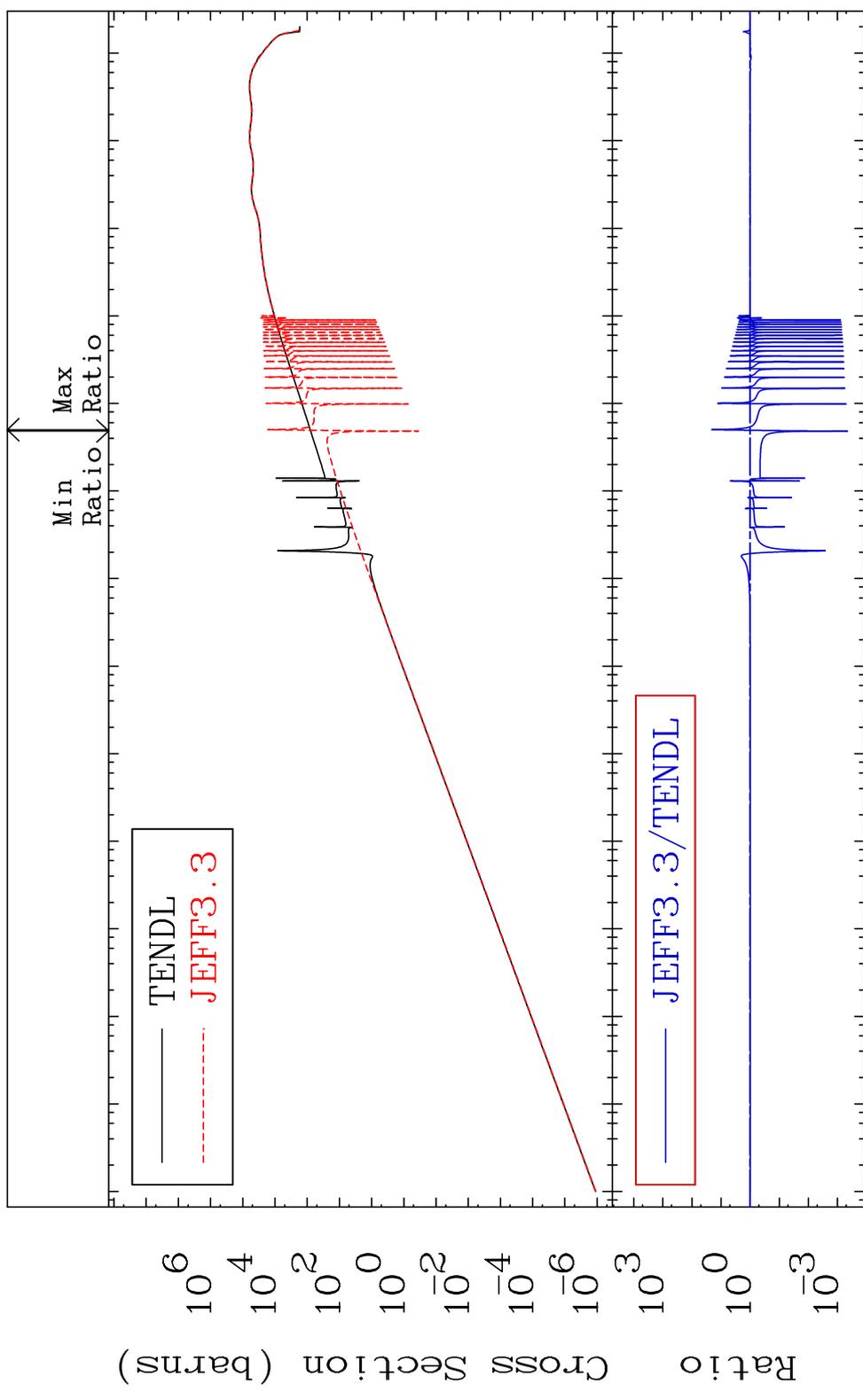
82-Pb-205

MAT 8228 Kerma total (eV-barns) 82-Pb-205
 Cross Section -99.93 To 2051. %



MAT 8228

Kerma elastic Cross Section -99.96 To 1991. %
82-Pb-205

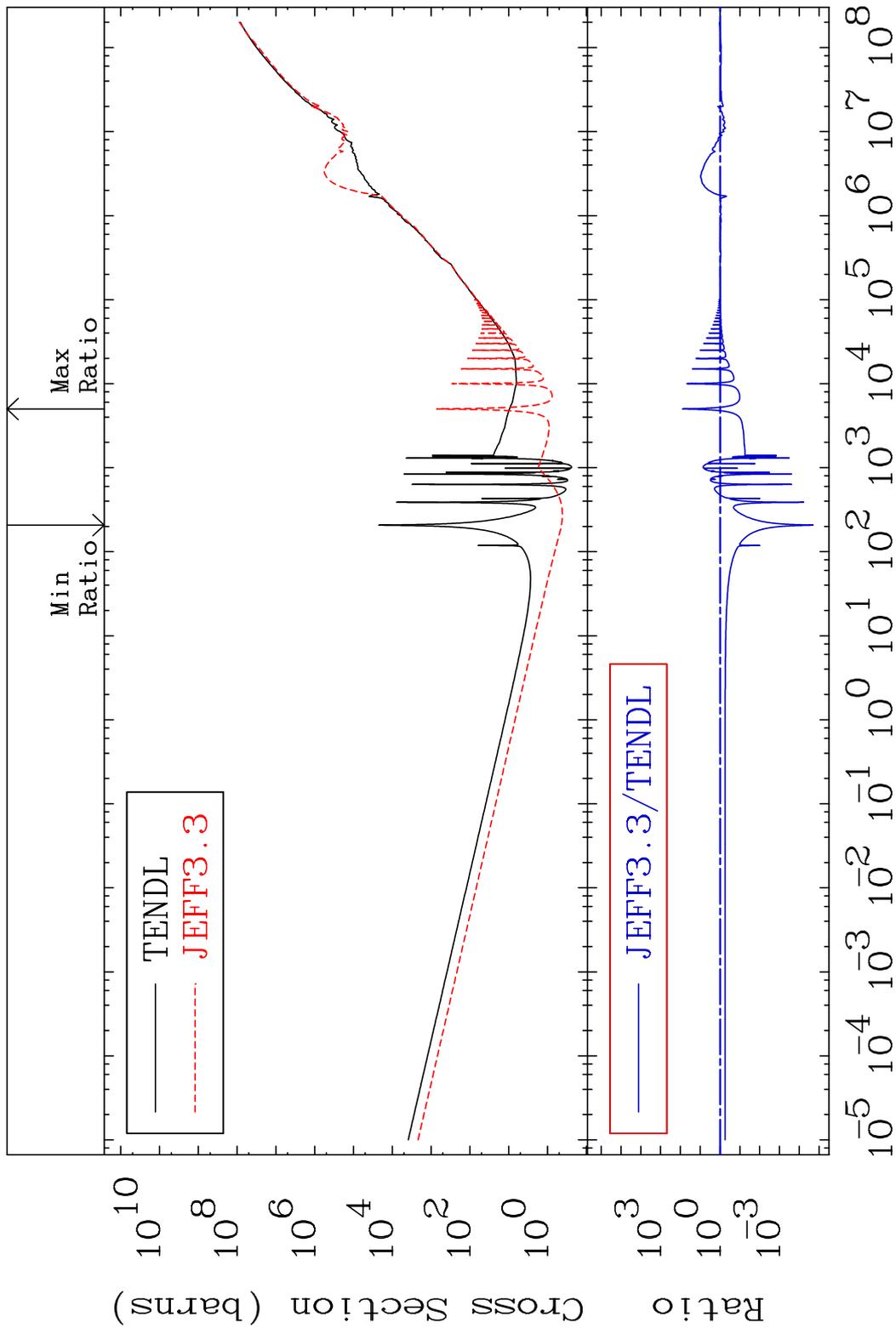


43

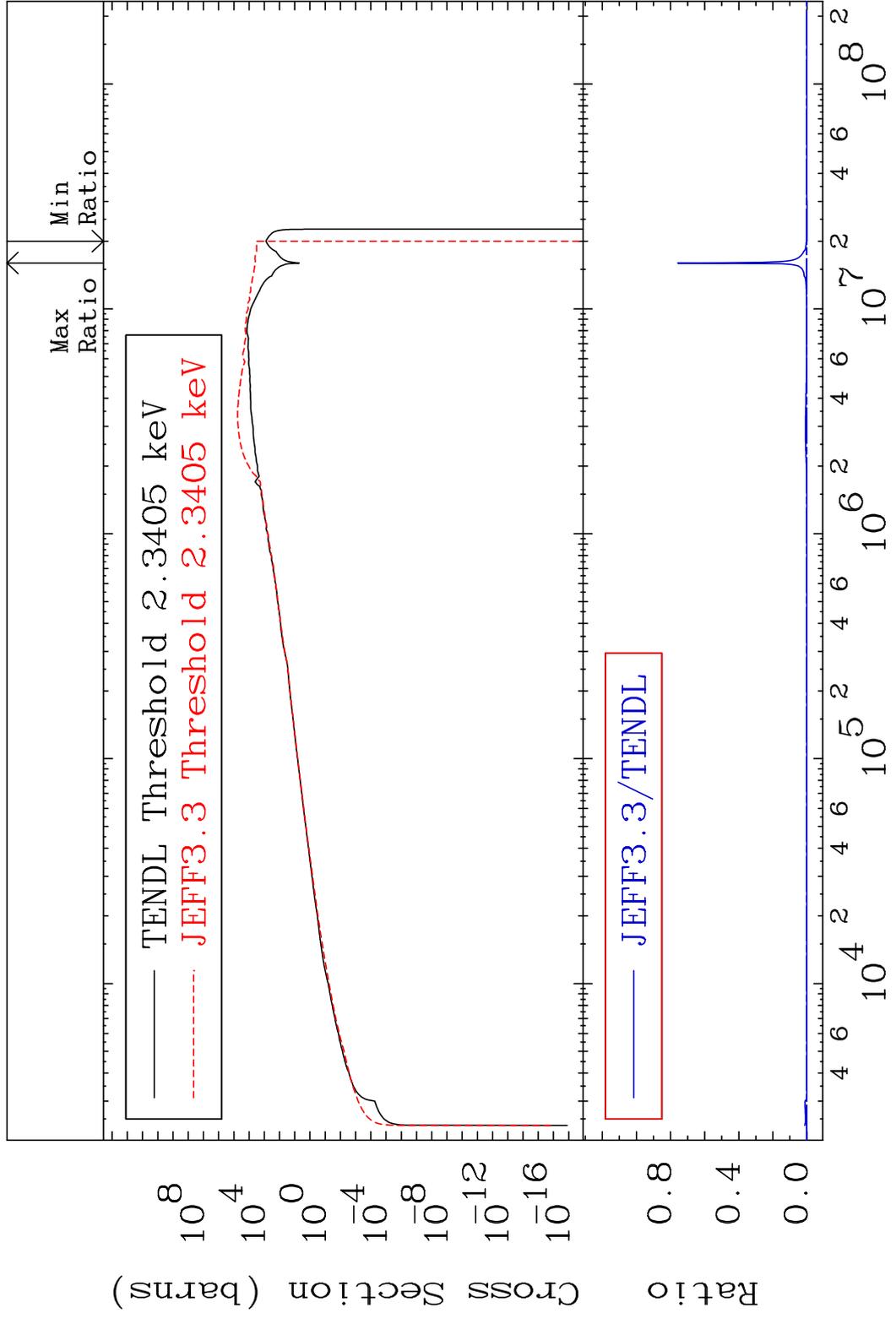
Incident Energy (eV)

82-Pb-205

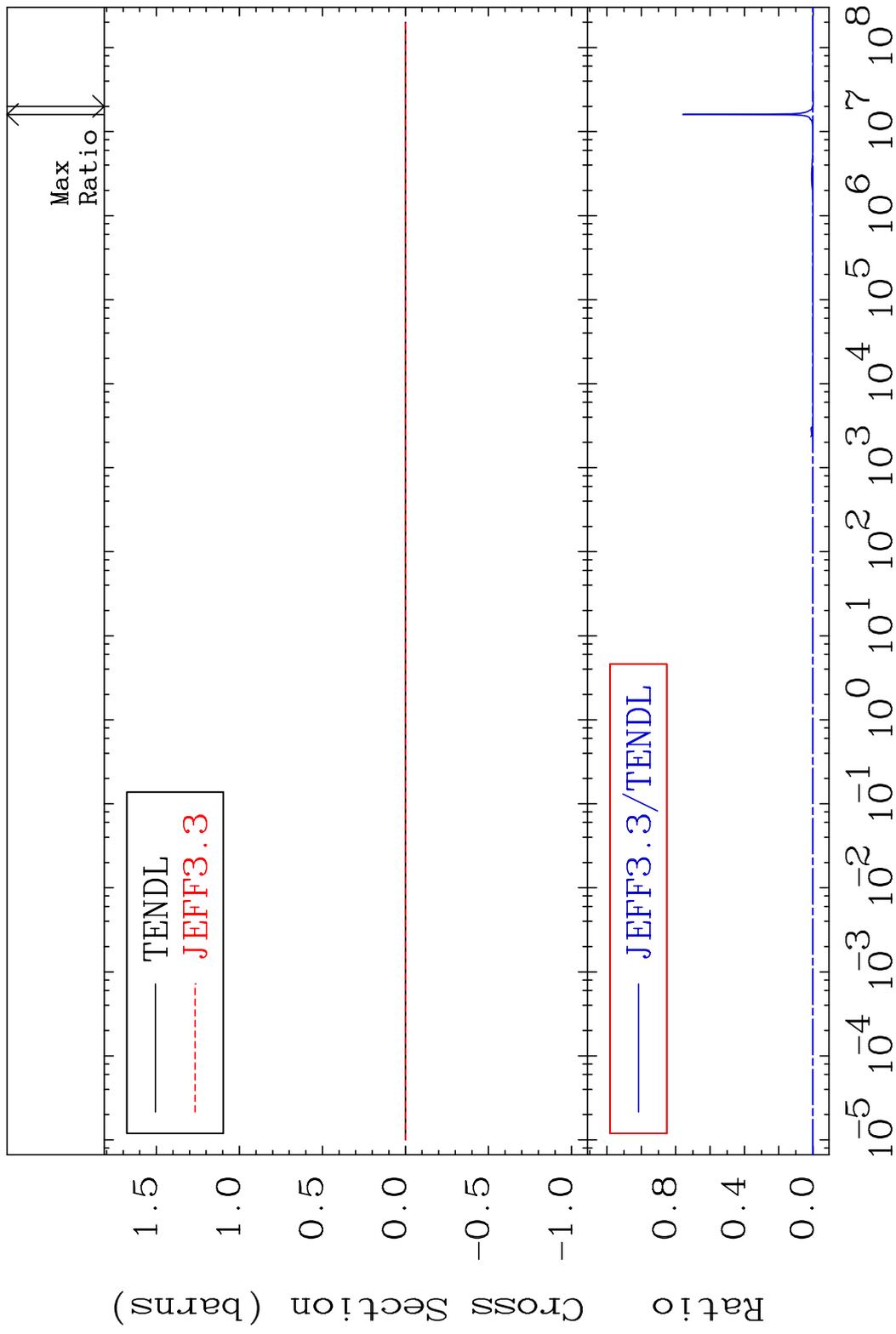
MAT 8228 Kerma non-elastic (all but mt2) 82-Pb-205
 Cross Section -100.0 To 7426. %



MAT 8228 Kerma inelastic (mt51-91) 82-Pb-205
 Cross Section -100.0 To 9999. %

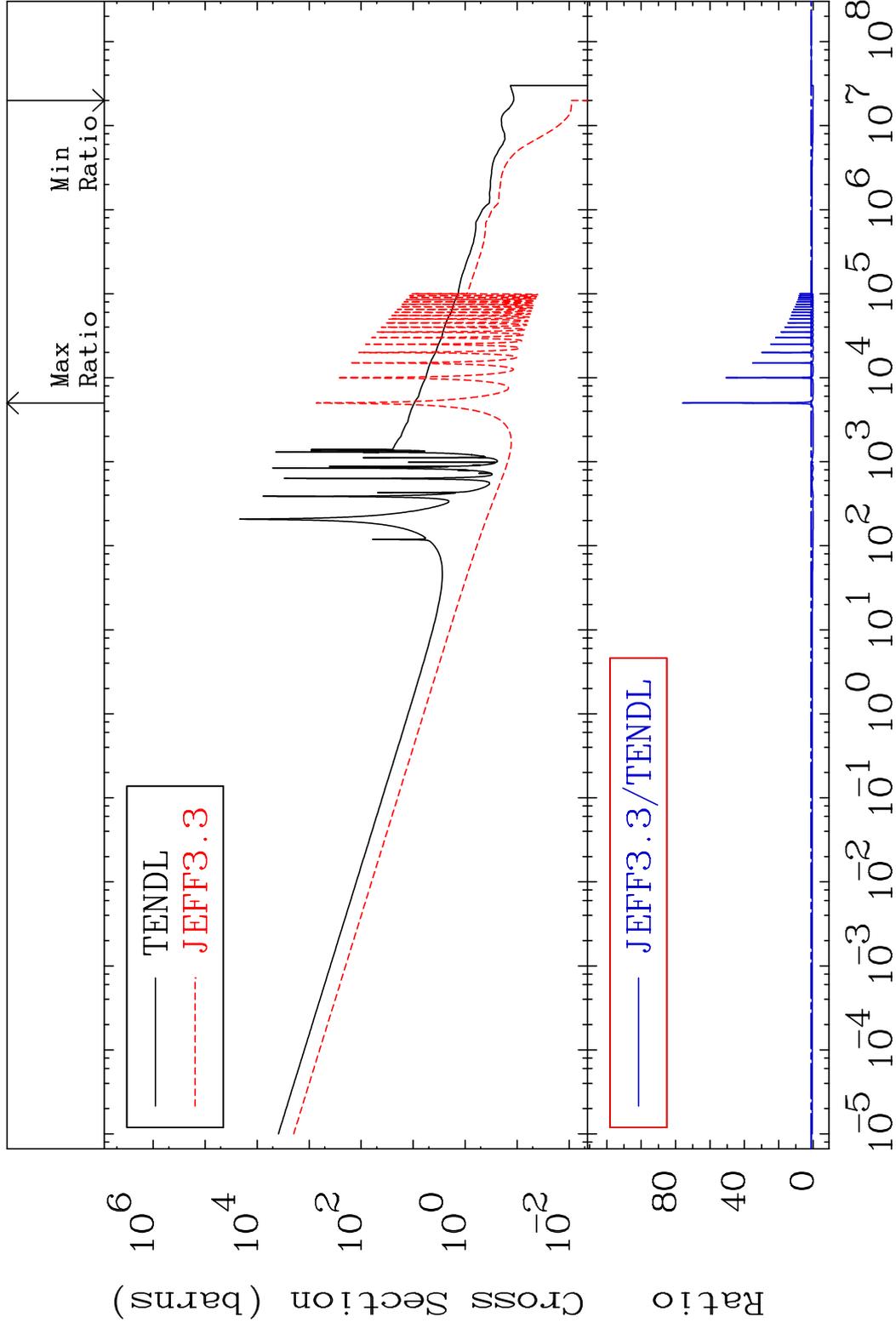


MAT 8228 Kerma fission (mt18 or mt19-20-21-38) β 2-Pb-205
 Cross Section -100.0 To 9999. %



MAT 8228

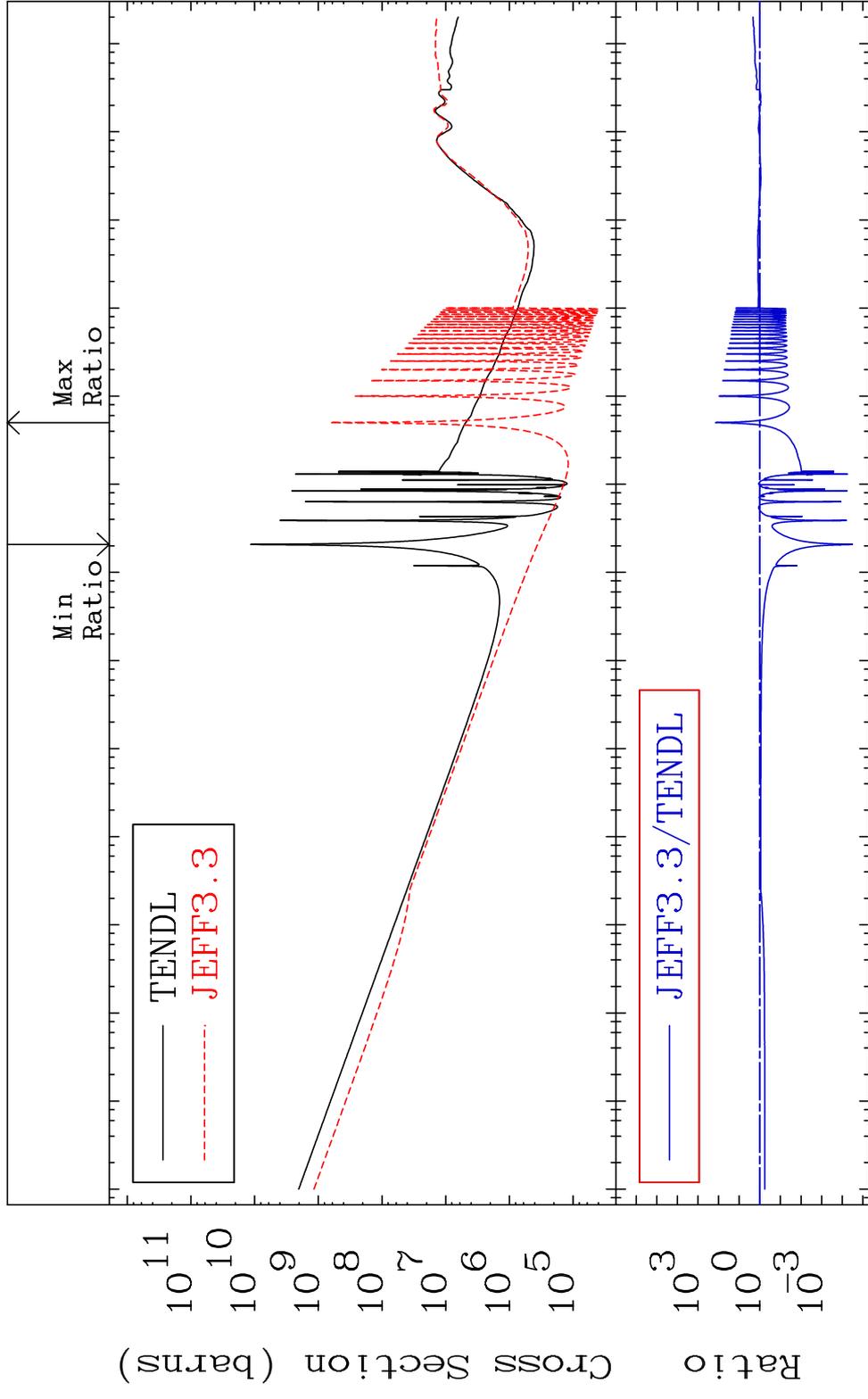
Kerma capture (mt102) 82-Pb-205
Cross Section -100.0 To 7478. %



47

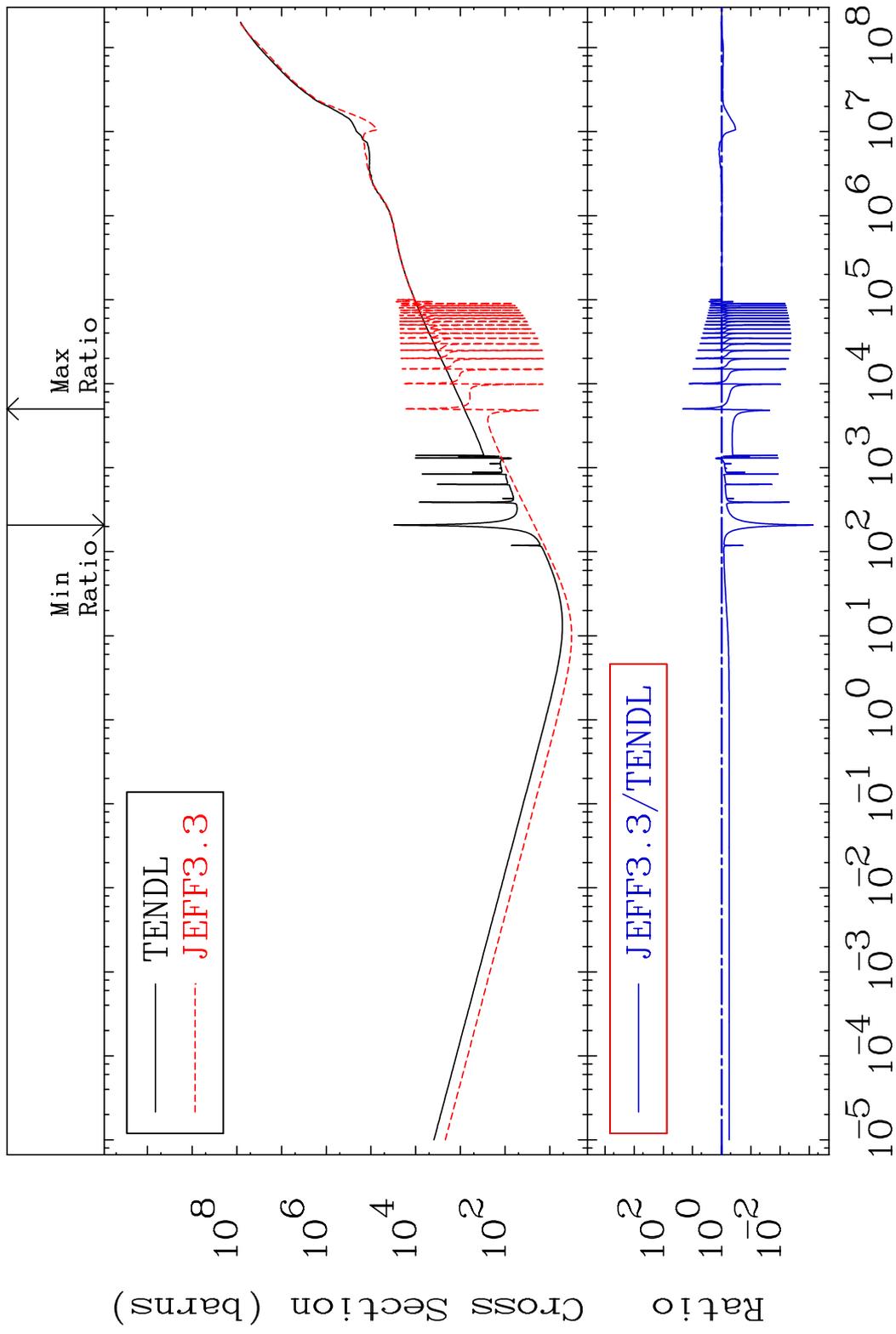
Incident Energy (eV) 82-Pb-205

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

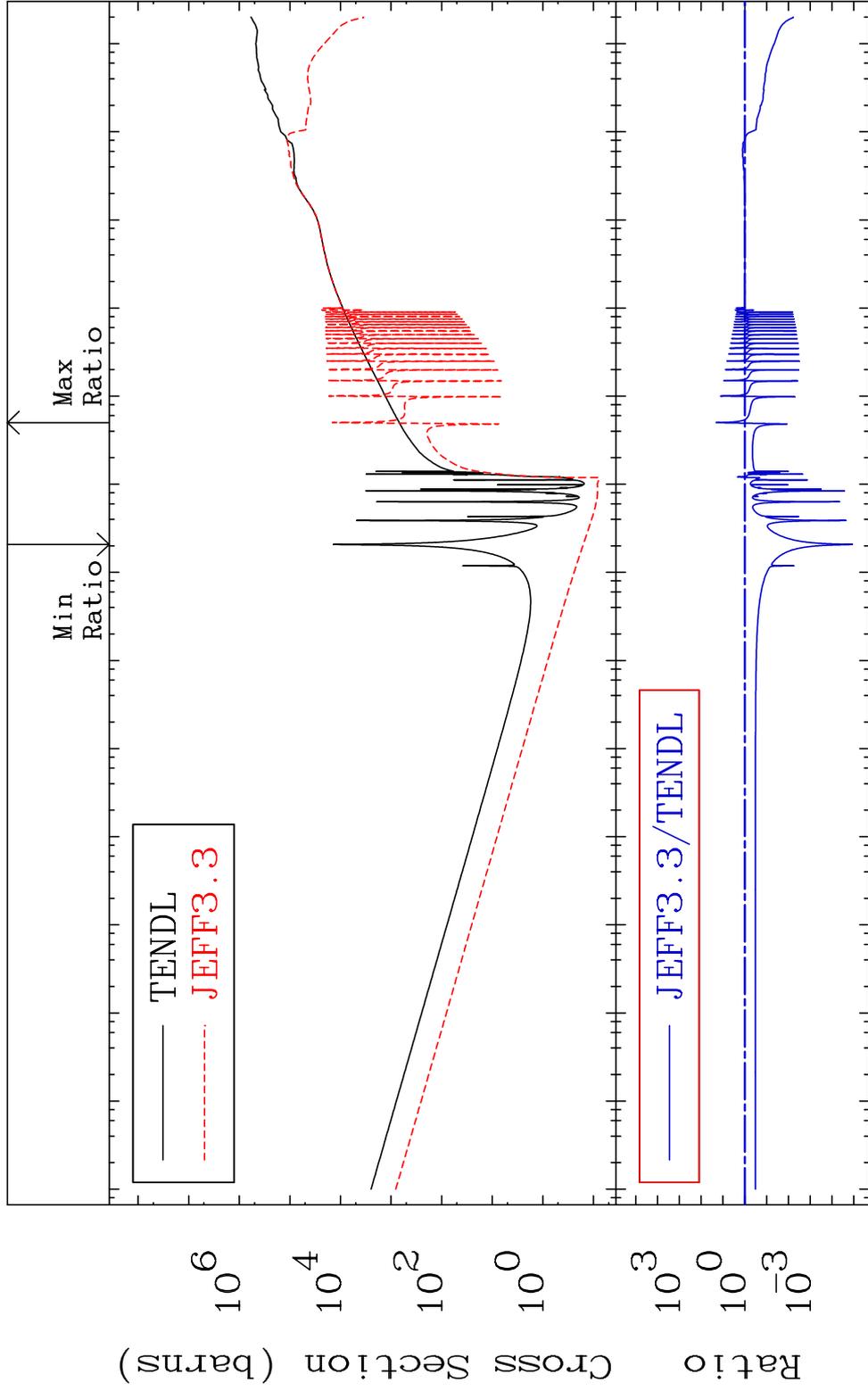


48 Incident Energy (eV) 82-Pb-205

MAT 8228 Total kinematic kerma (high limit) 82-Pb-205
 Cross Section -99.93 To 2051. %



MAT 8228 Dpa total (eV-barns) 82-Pb-205
 Cross Section -100.0 To 2014. %



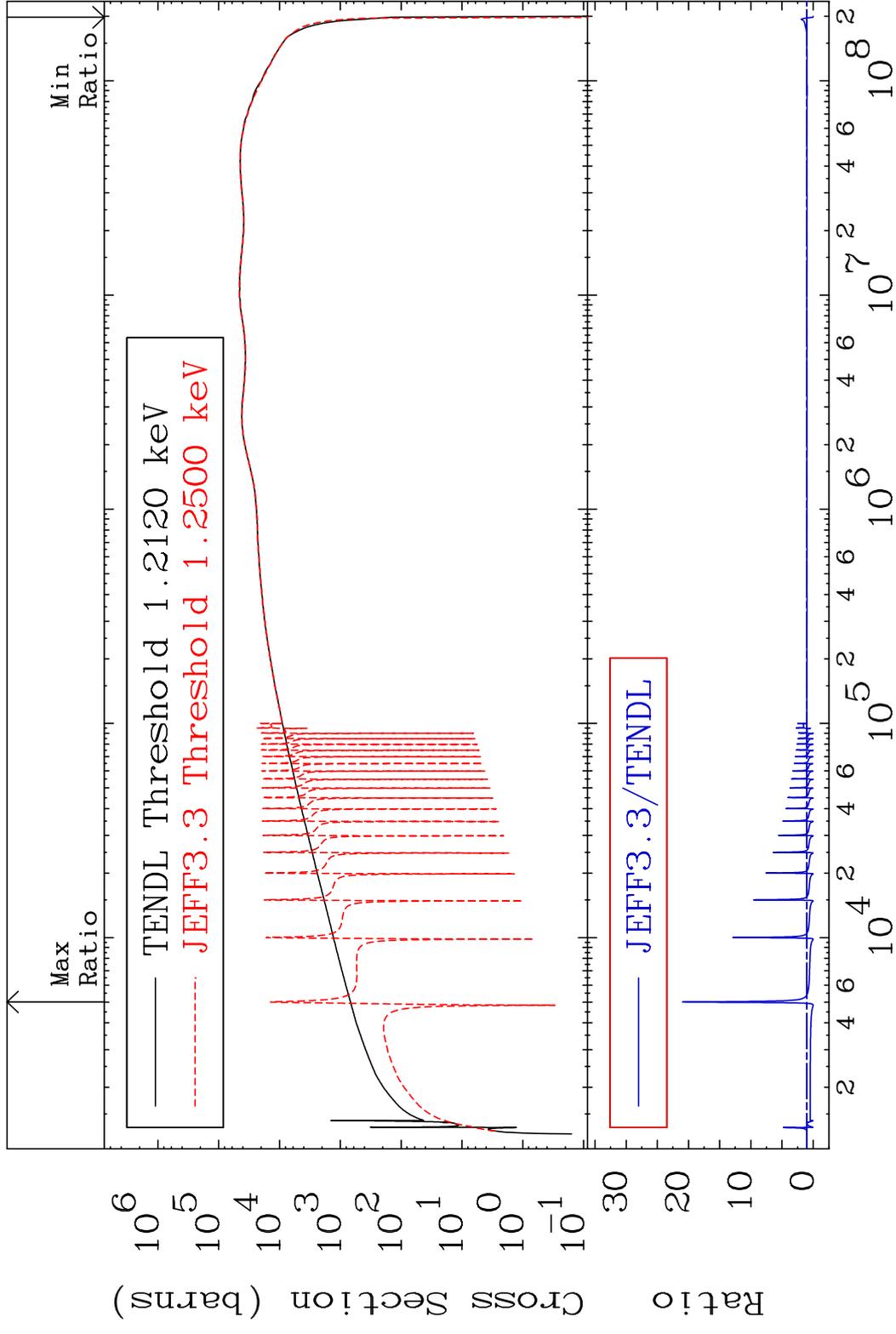
50 Incident Energy (eV) 82-Pb-205

MAT 8228

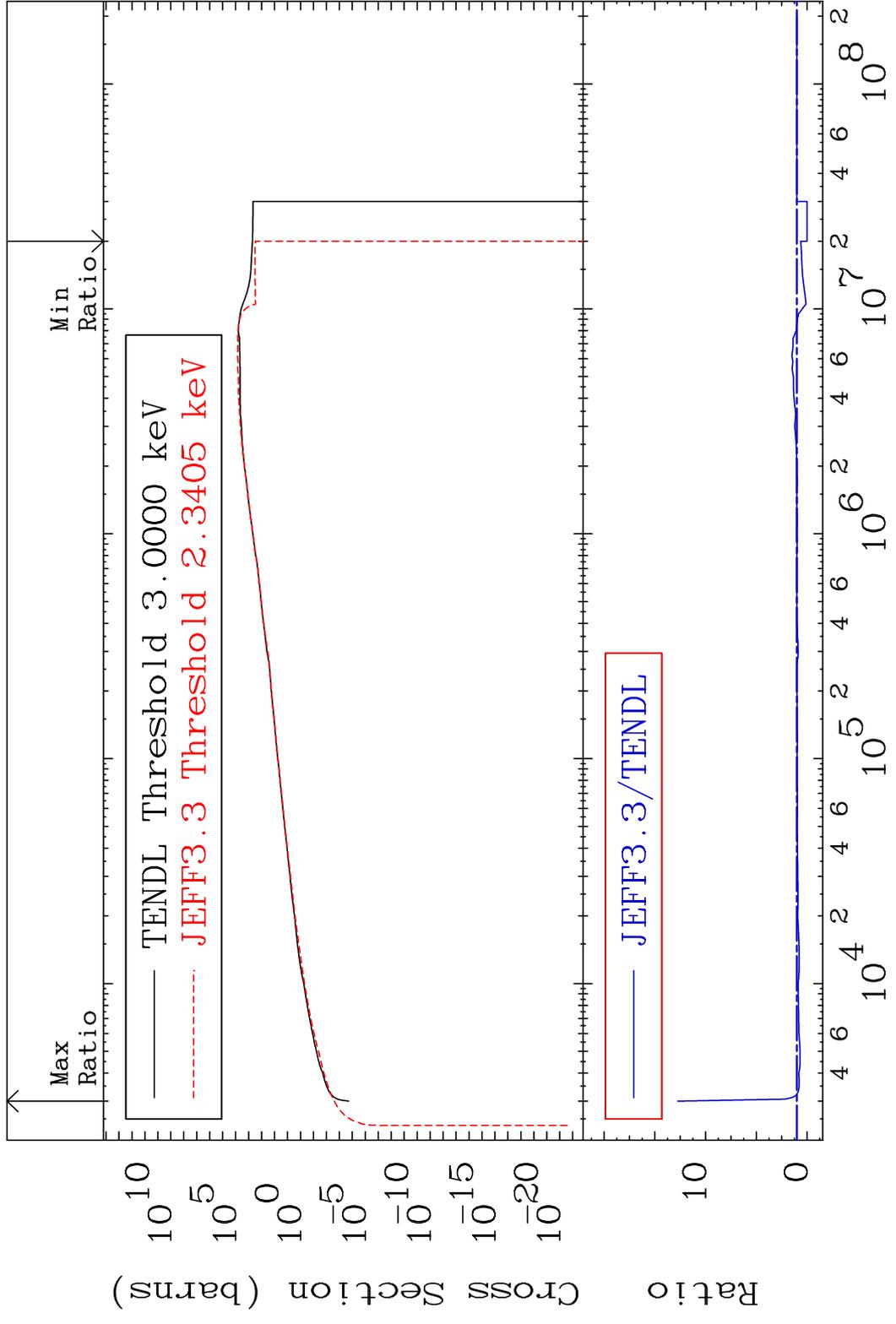
Dpa elastic (mt2)

82-Pb-205

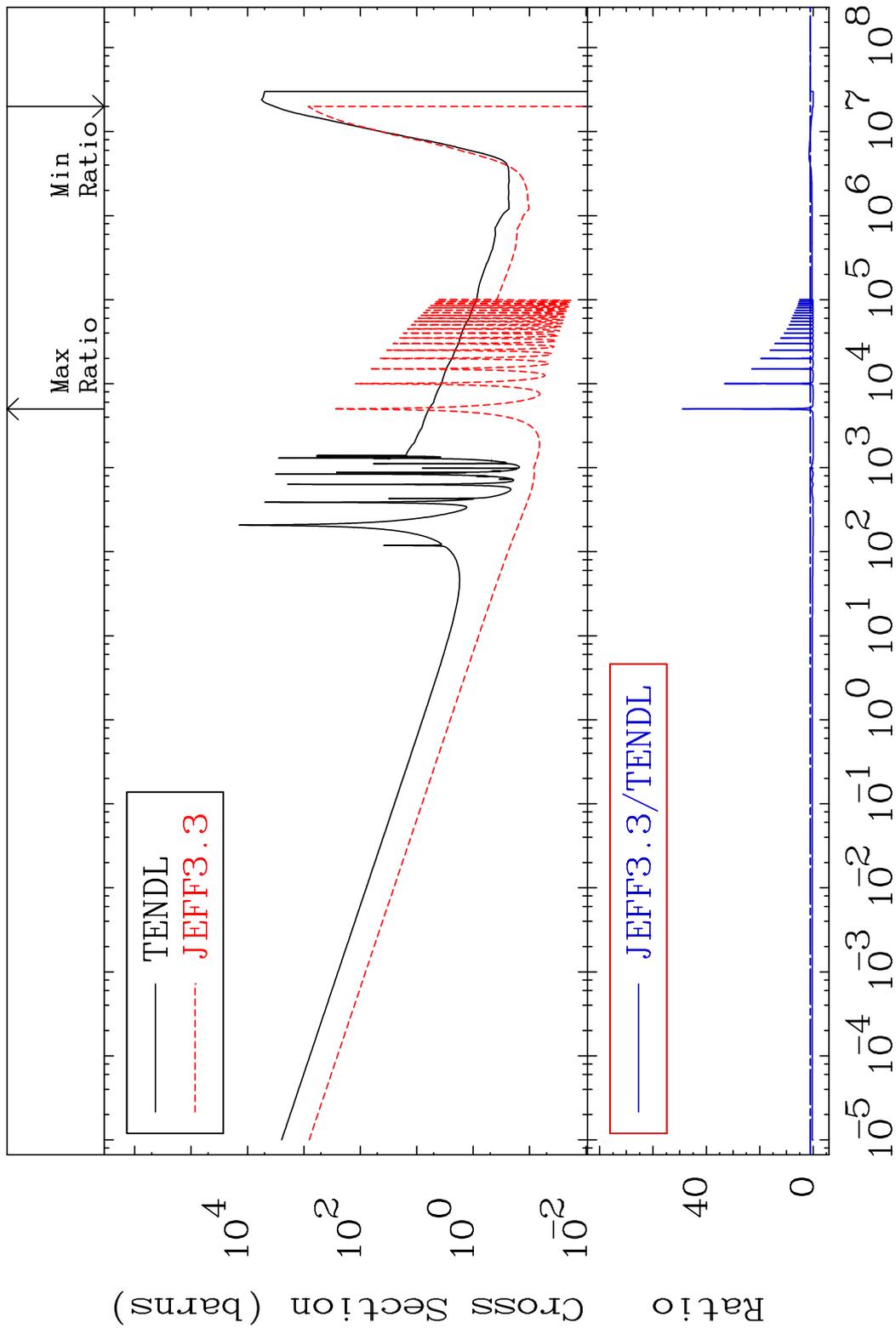
Cross Section -100.0 To 1991. %



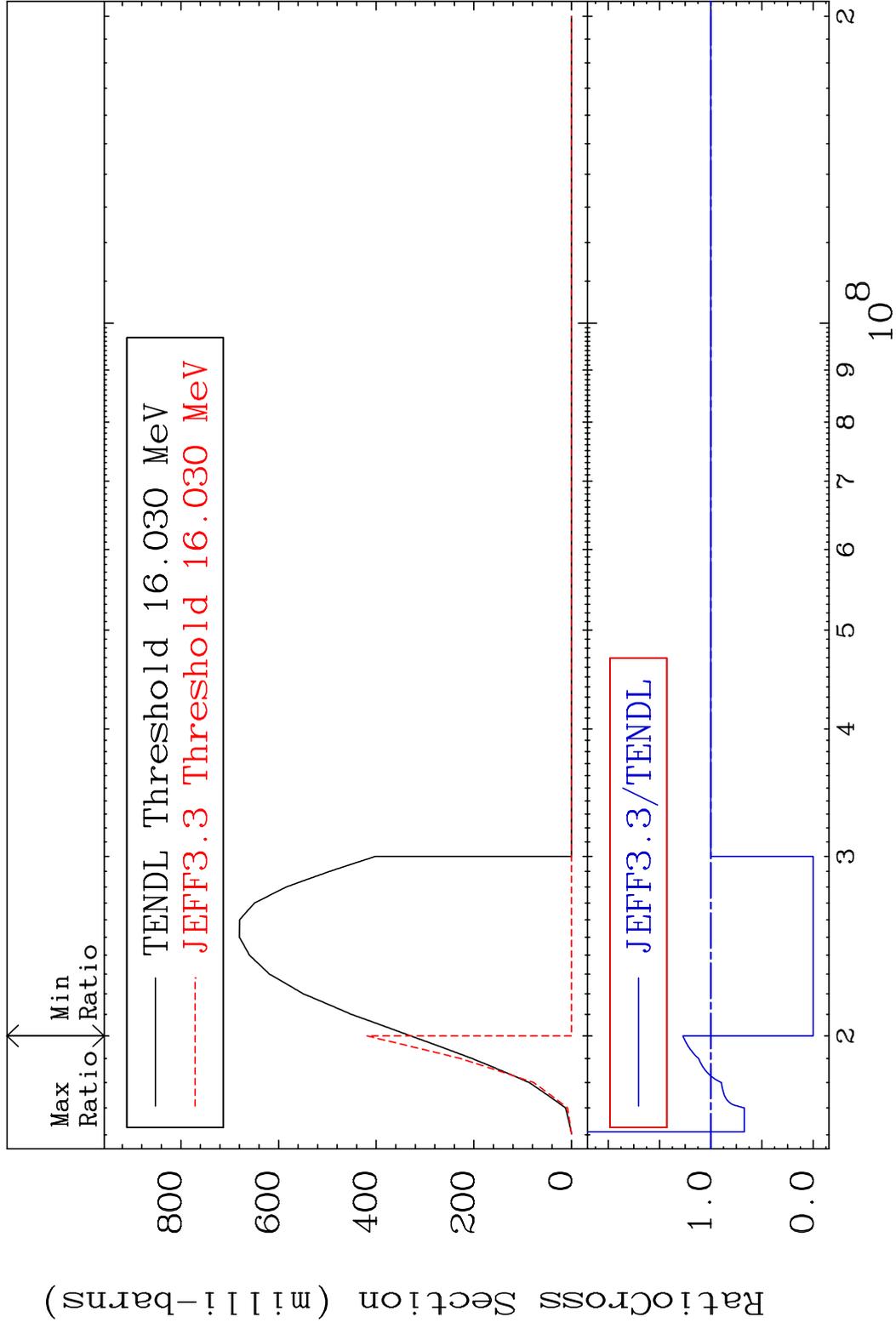
MAT 8228 Dpa inelastic (mt51-91) 82-Pb-205
 Cross Section -100.0 To 1175. %



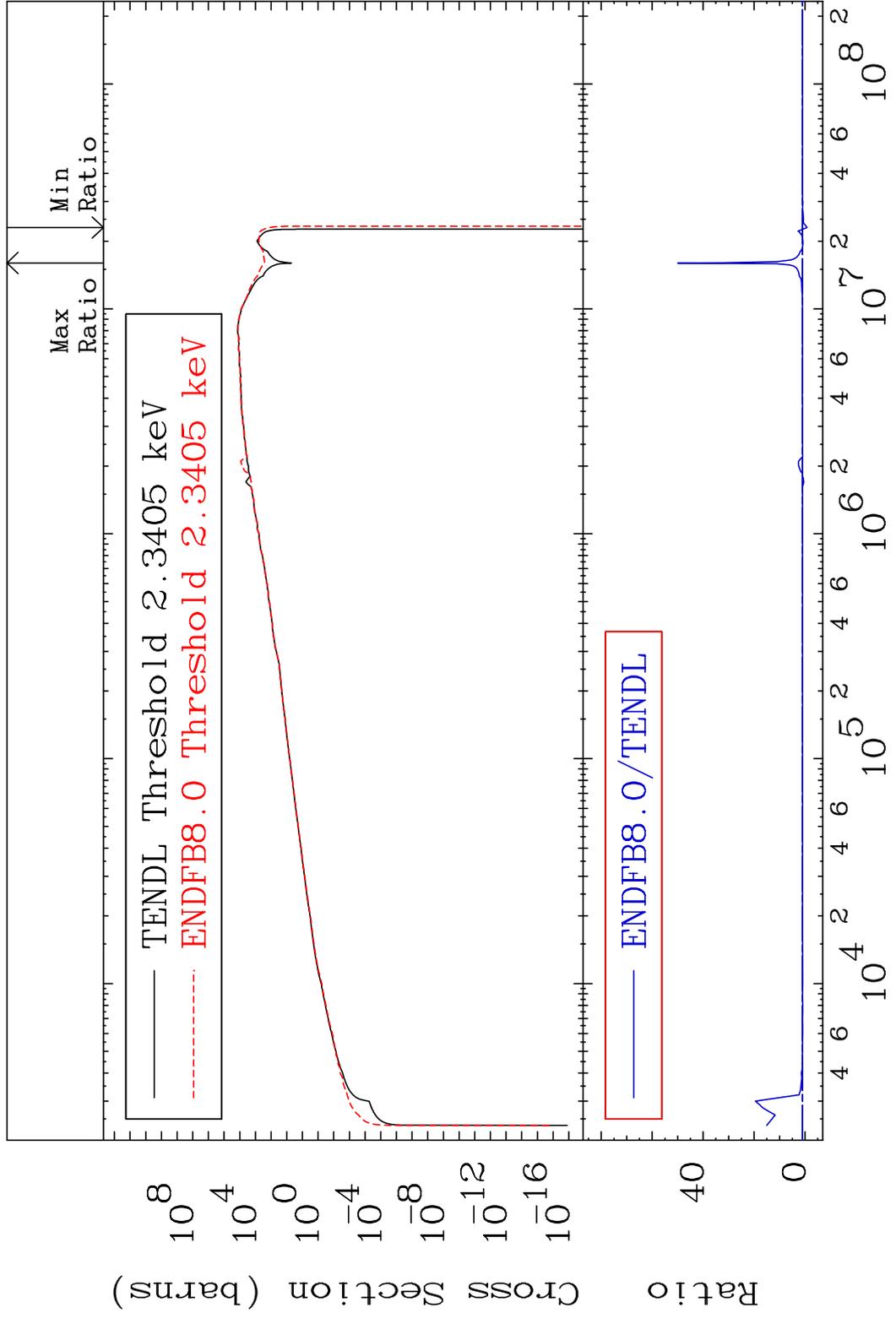
MAT 8228 Dpa disappearance (mt102 -120) 82-Pb-205
 Cross Section -100.0 To 4782. %



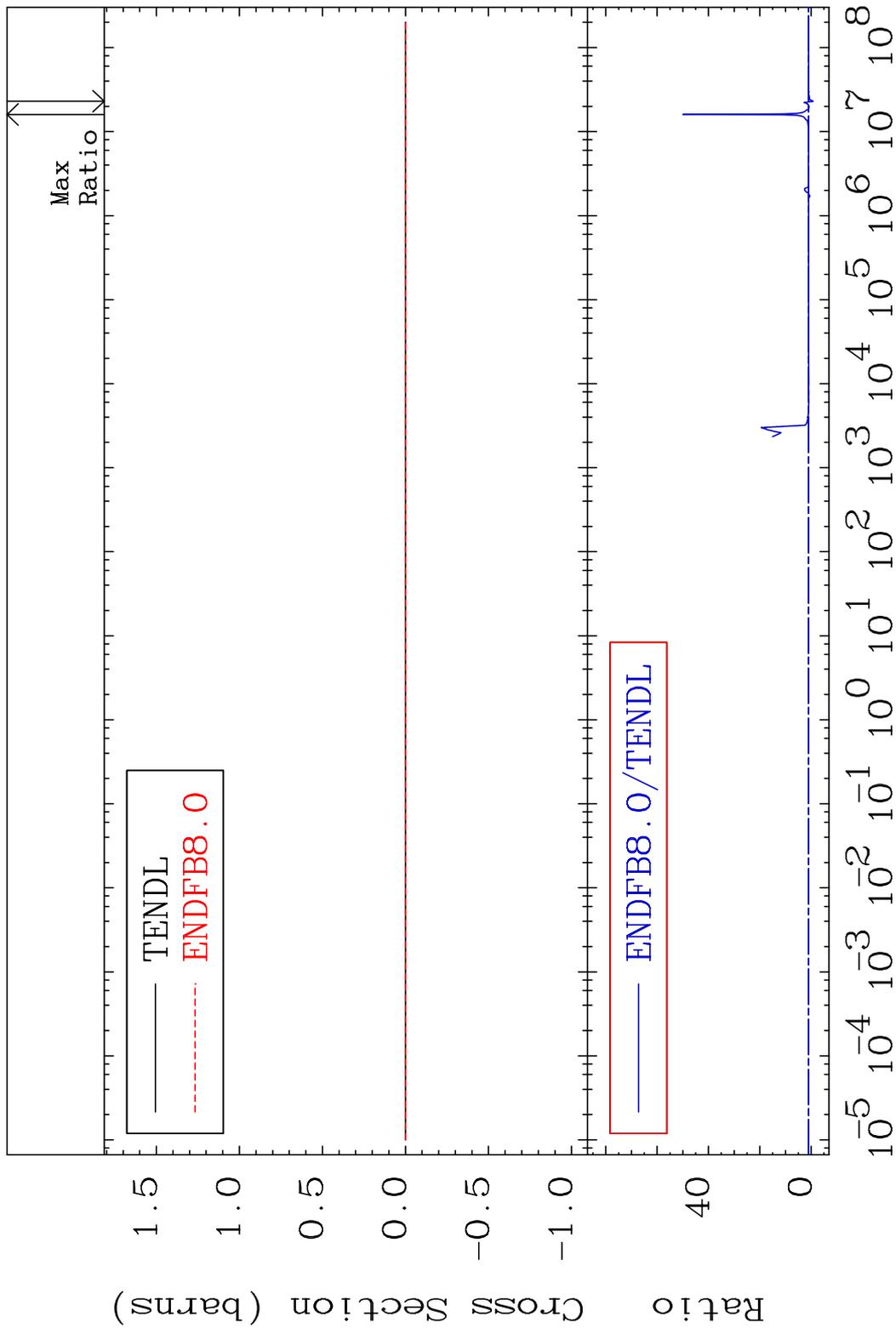
MAT 8228 (n, 3n):82-Pb-203m6 82-Pb-205
 Radionuclide Production Cross Section 180.01 dth 27.21 %



MAT 8228 Kerma inelastic (mt51-91) 82-Pb-205
 Cross Section -177.7 To 4900. %

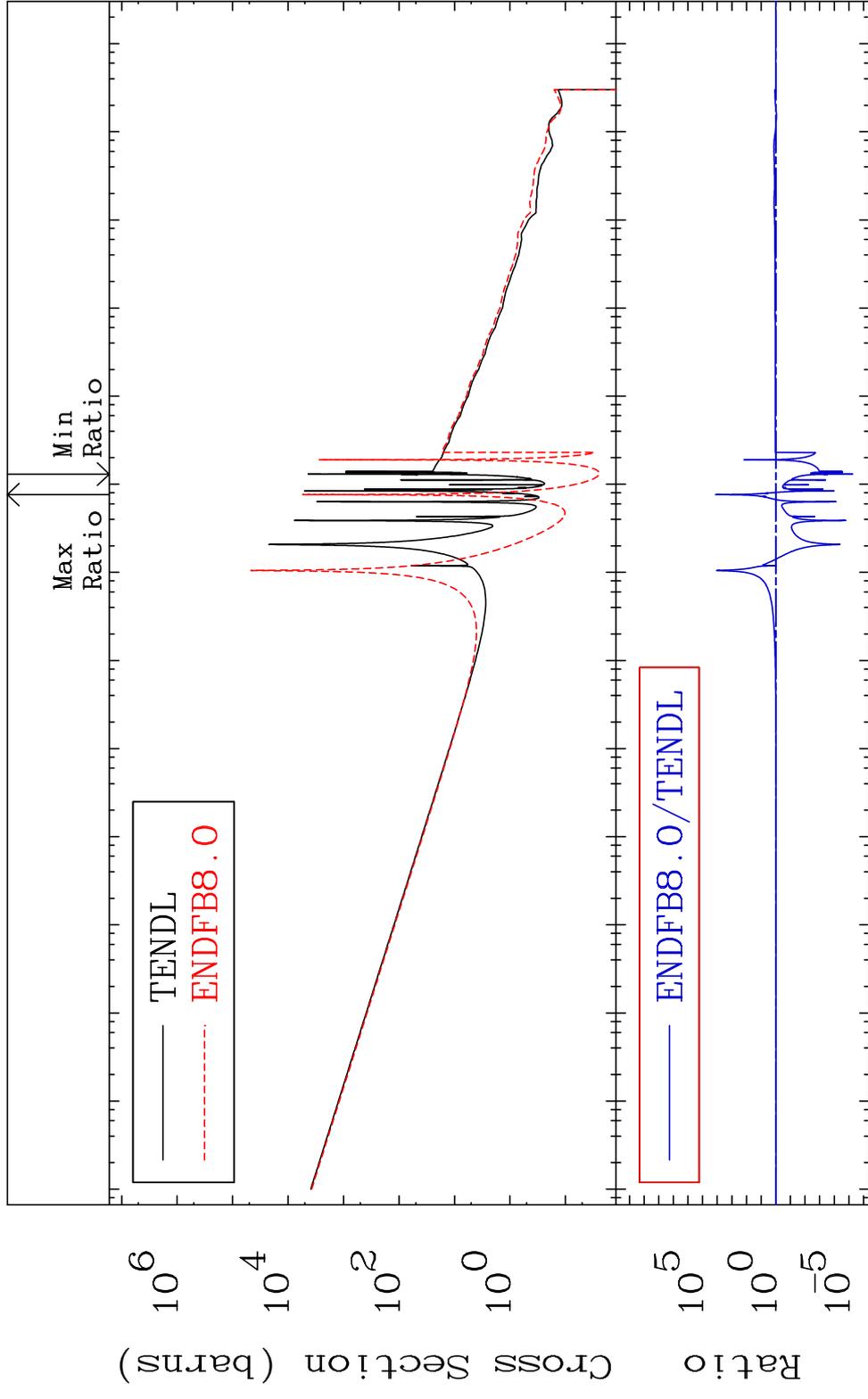


MAT 8228 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-205
 Cross Section -177.7 To 4900. %



MAT 8228

Kerma capture (mt102) 82-Pb-205
Cross Section -100.0 To 9999. %

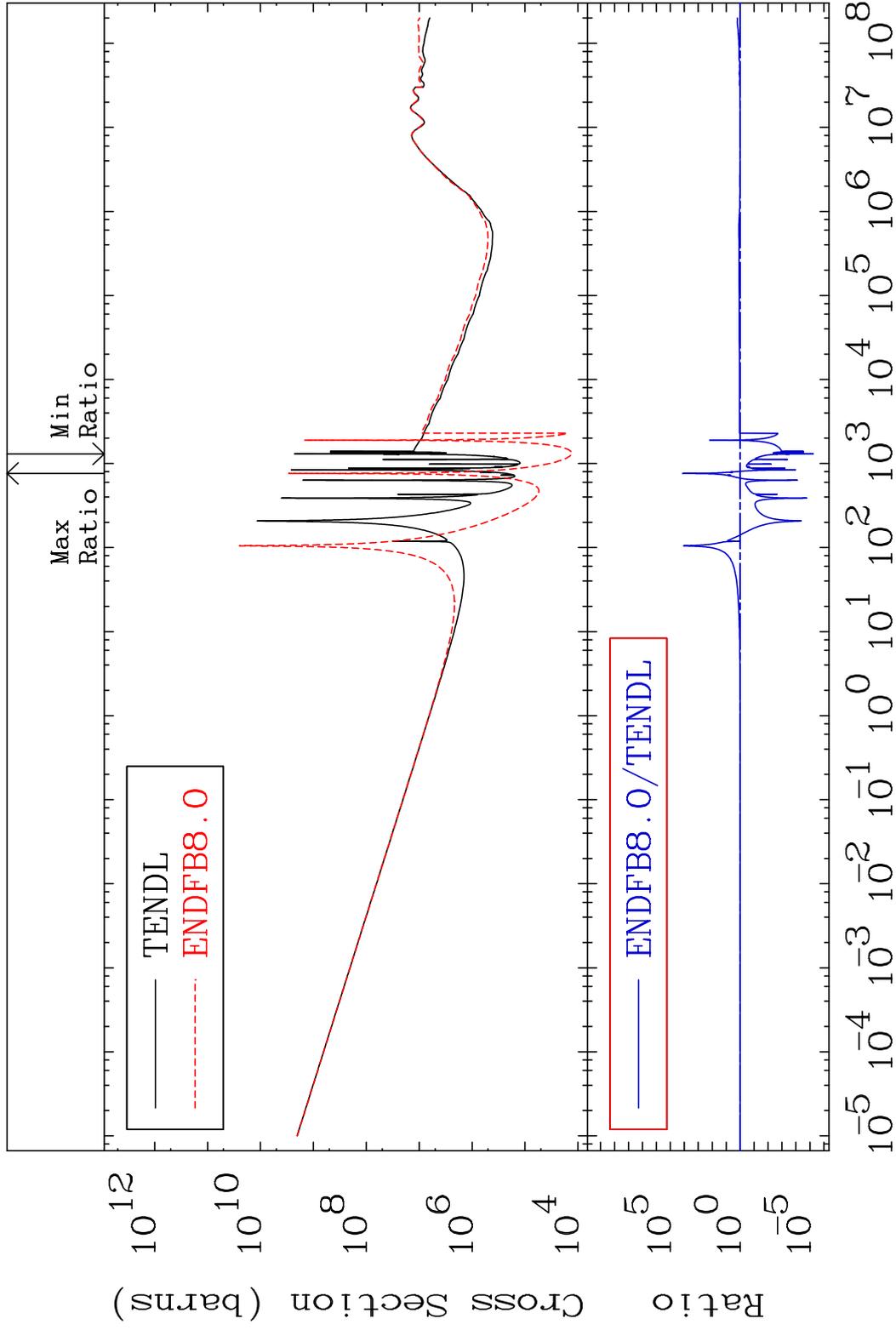


MAT 8228

Total photon (eV-barns)

82-Pb-205

Cross Section -100.0 To 9999. %

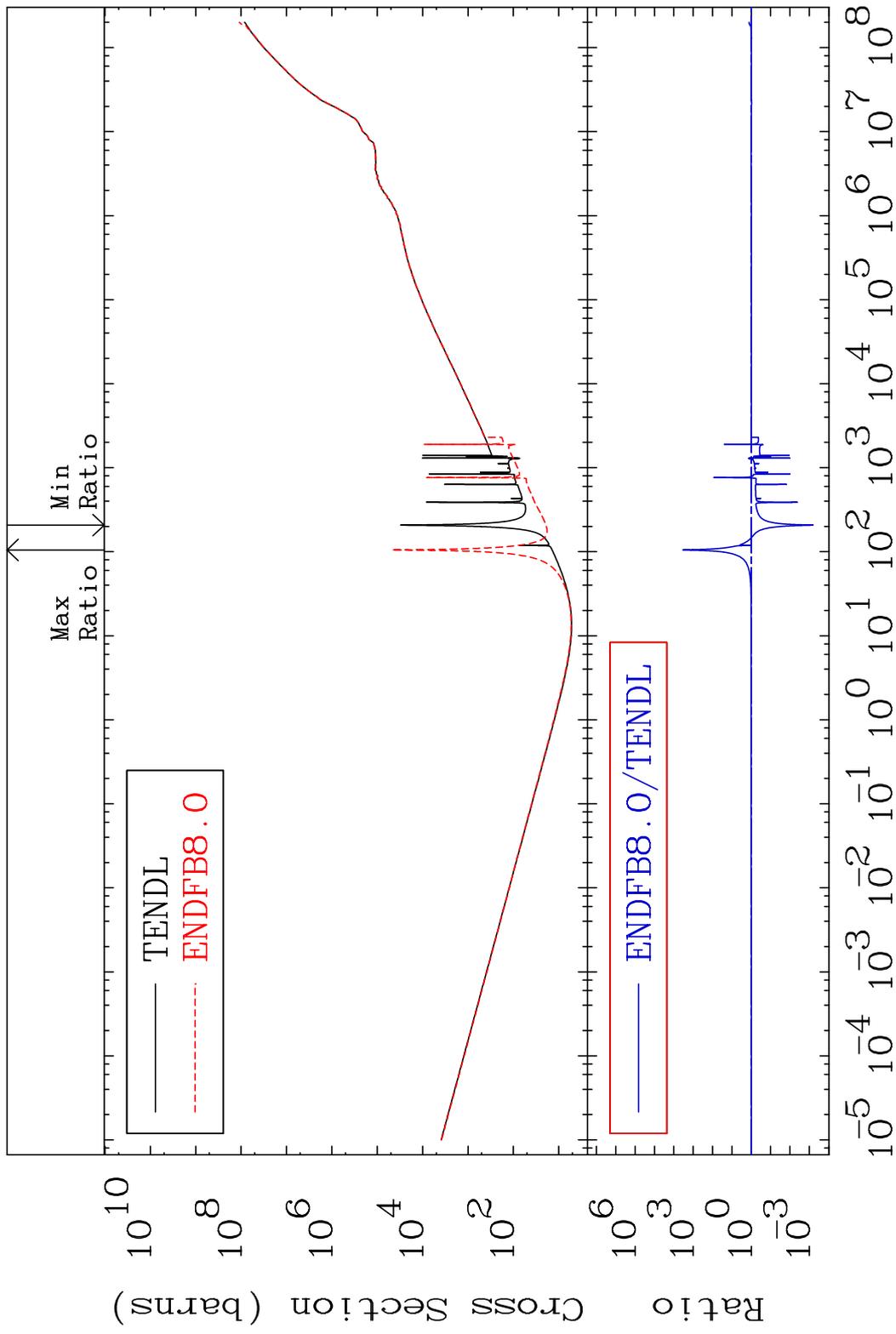


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Incident Energy (eV)

82-Pb-205

MAT 8228 Total kinematic kerma (high limit) 82-Pb-205
 Cross Section -99.94 To 9999. %

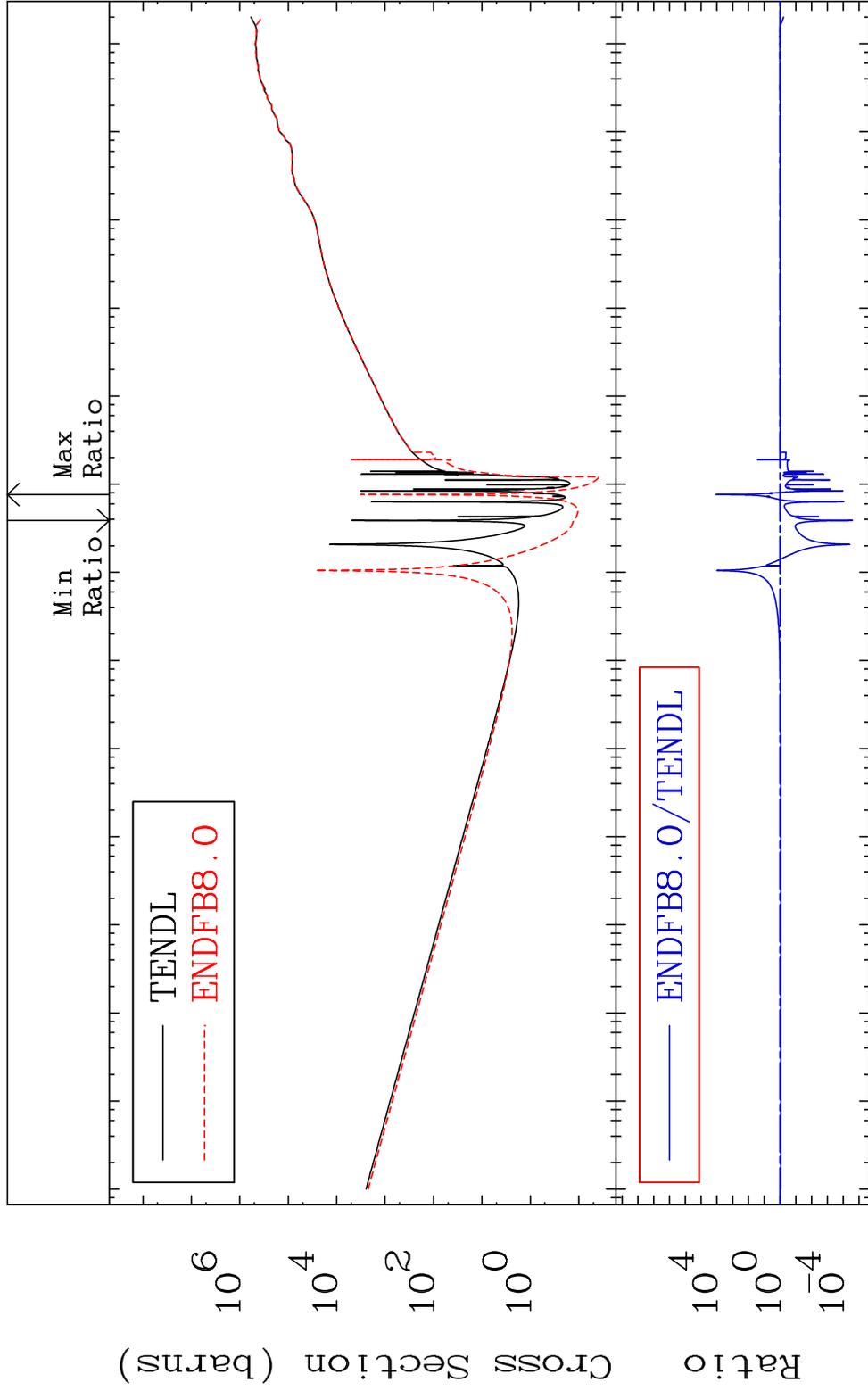


MAT 8228

Dpa total (eV-barns)

82-Pb-205

Cross Section -100.0 To 9999. %

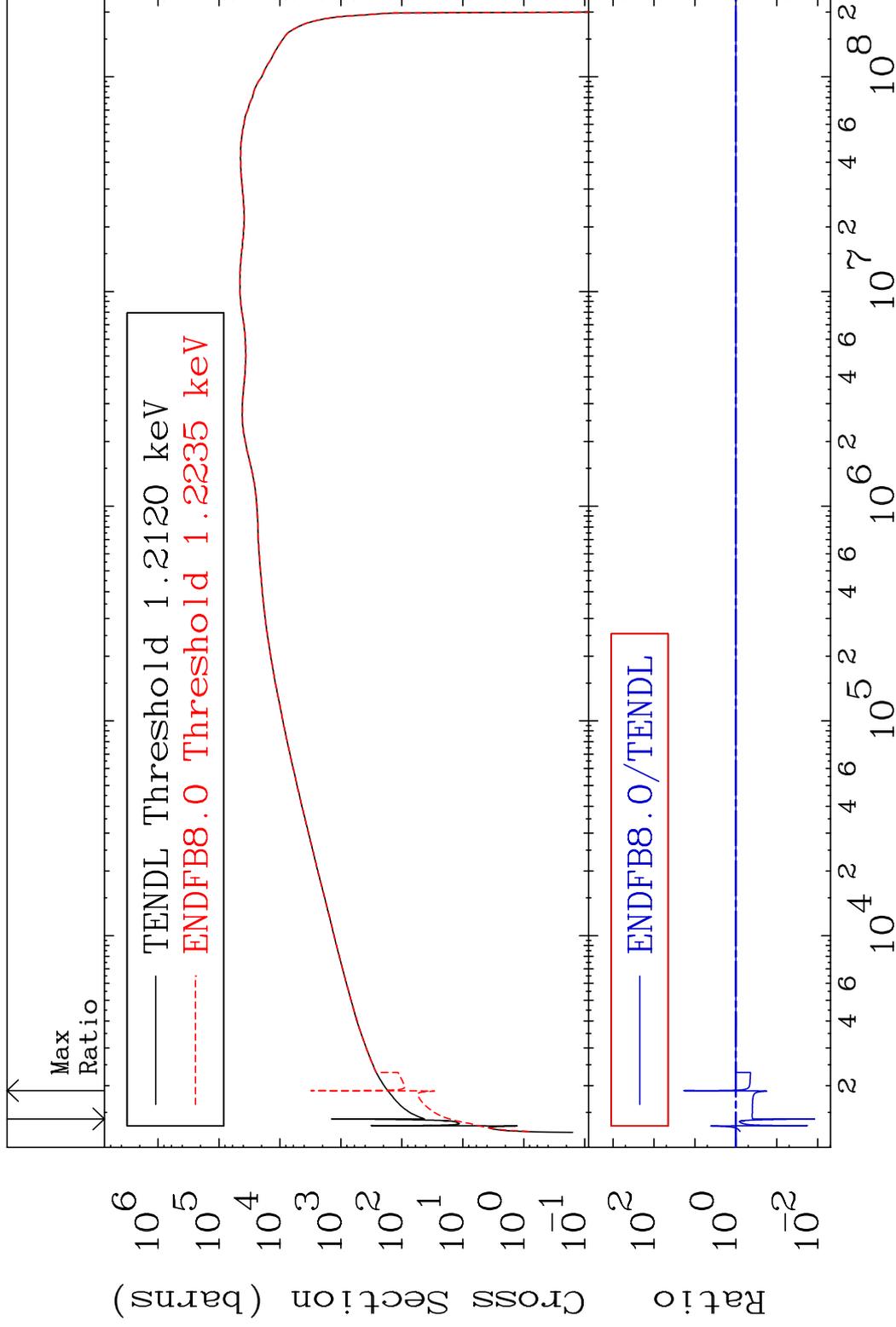


MAT 8228

Dpa elastic (mt2)

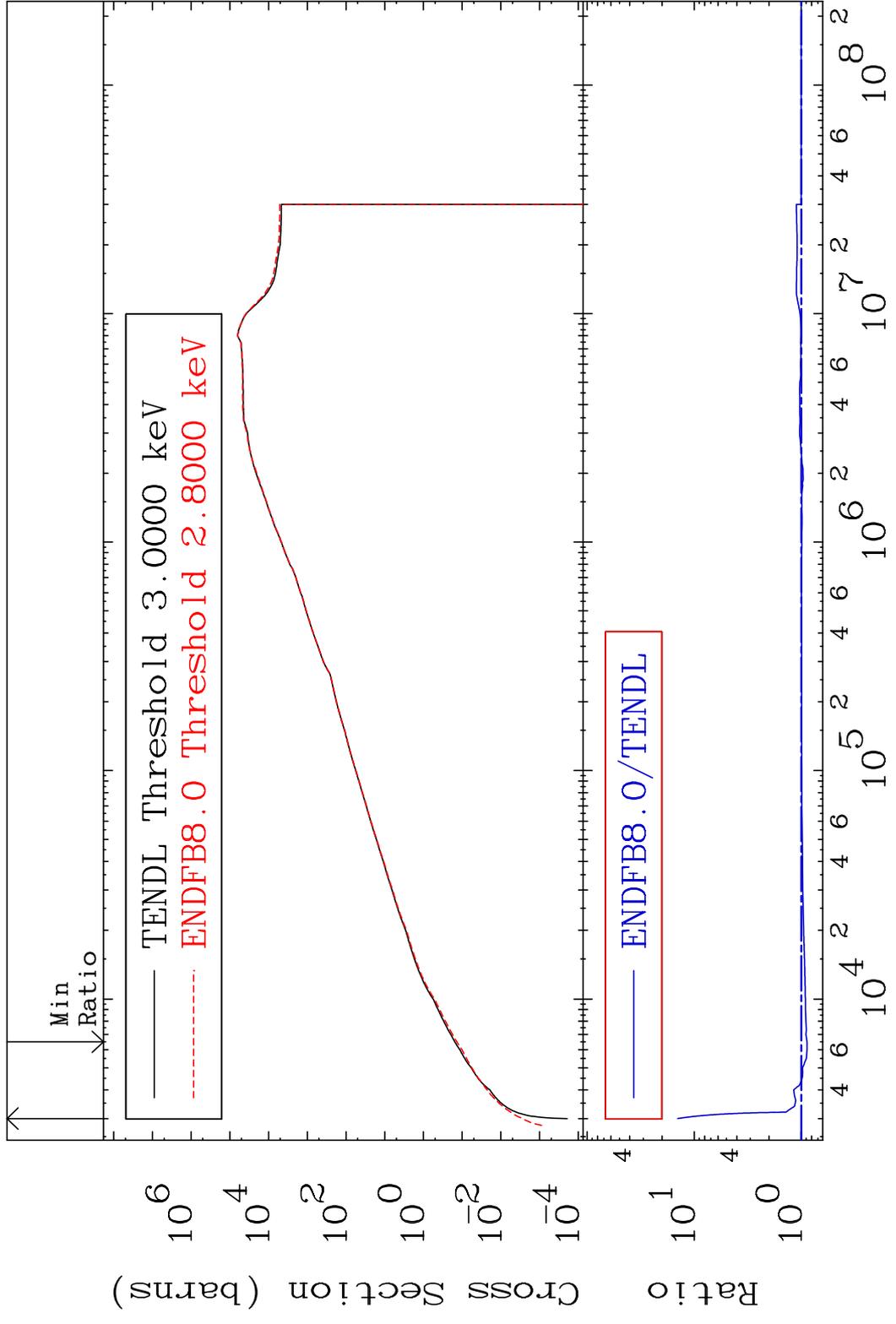
82-Pb-205

Cross Section -98.82 To 1732. %

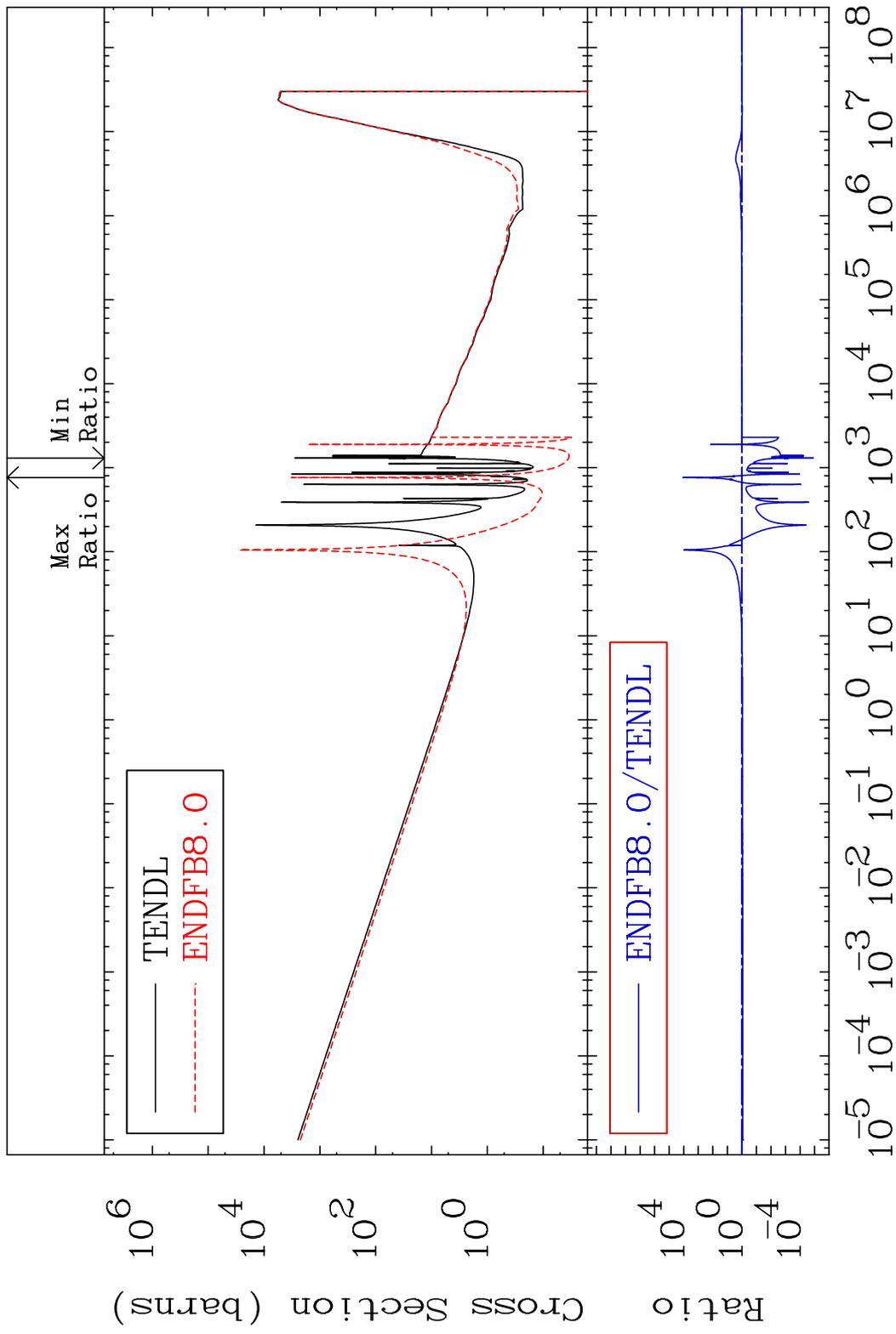


MAT 8228

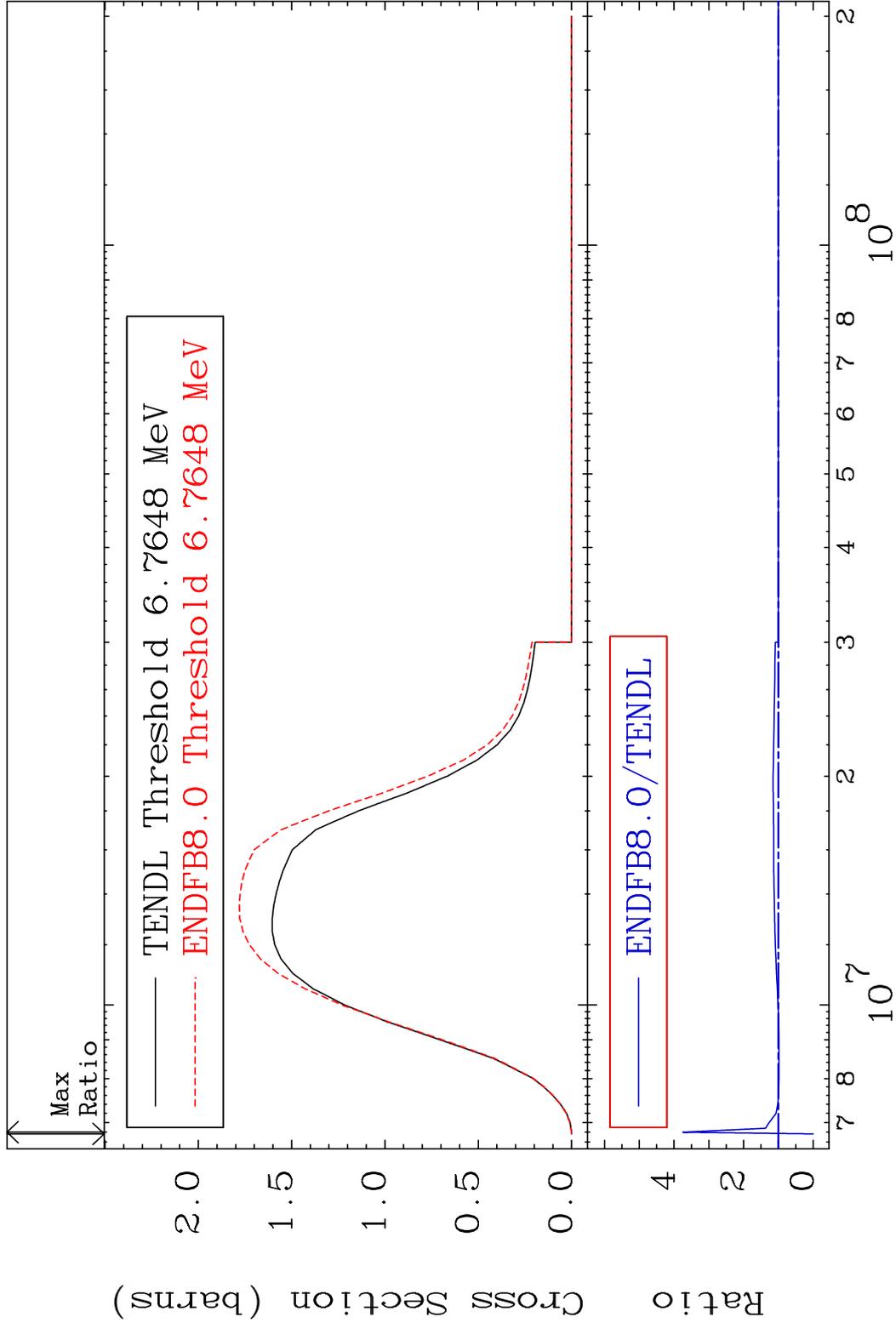
Dpa inelastic (mt51-91) 82-Pb-205
Cross Section -11.60 To 1328. %



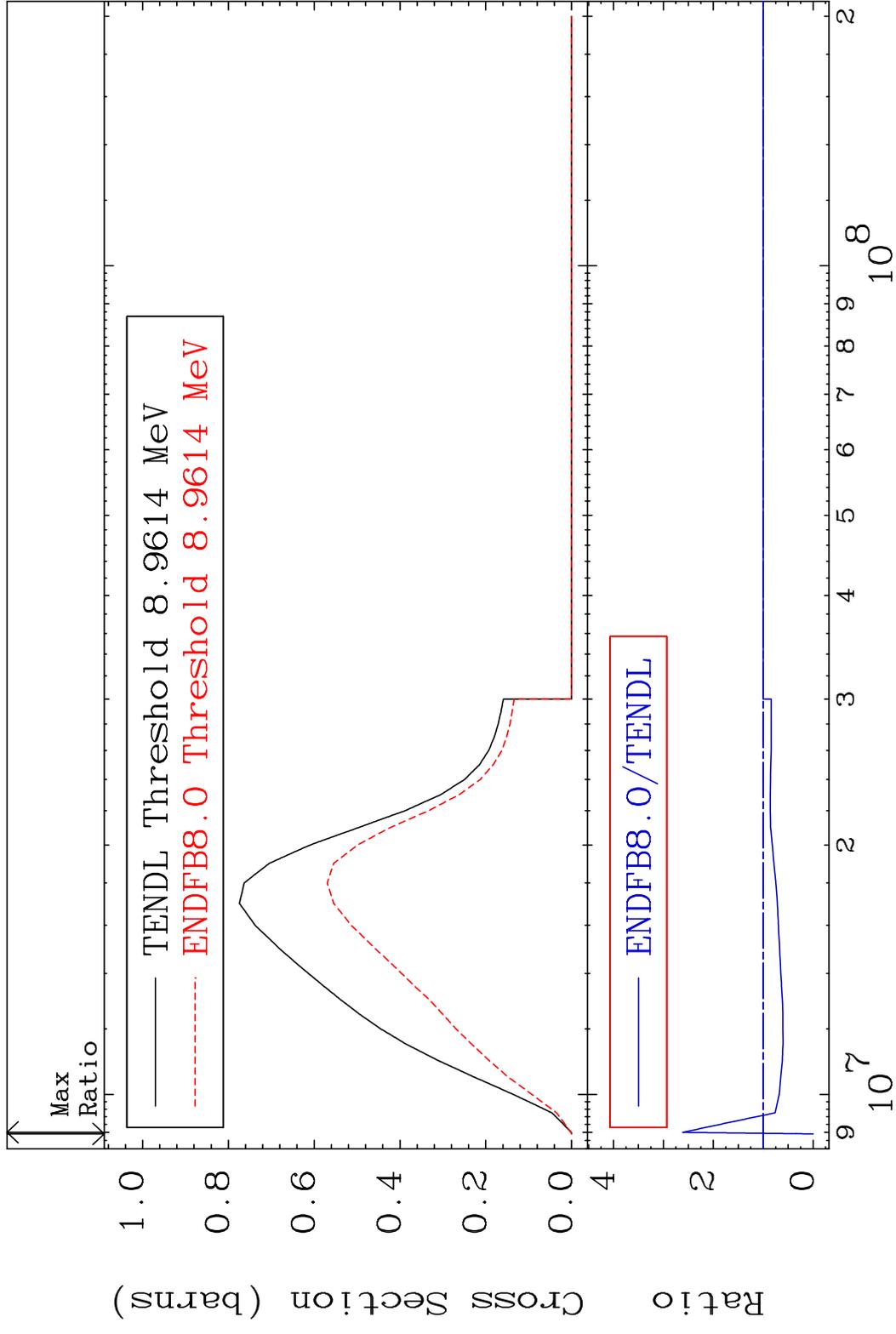
MAT 8228 Dpa disappearance (mt102 -120) 82-Pb-205
 Cross Section -100.0 To 9999. %



MAT 8228 (n,2n):82-Pb-204g 82-Pb-205
 Radionuclide Production Cross Section 180.0 dth 274.7 %

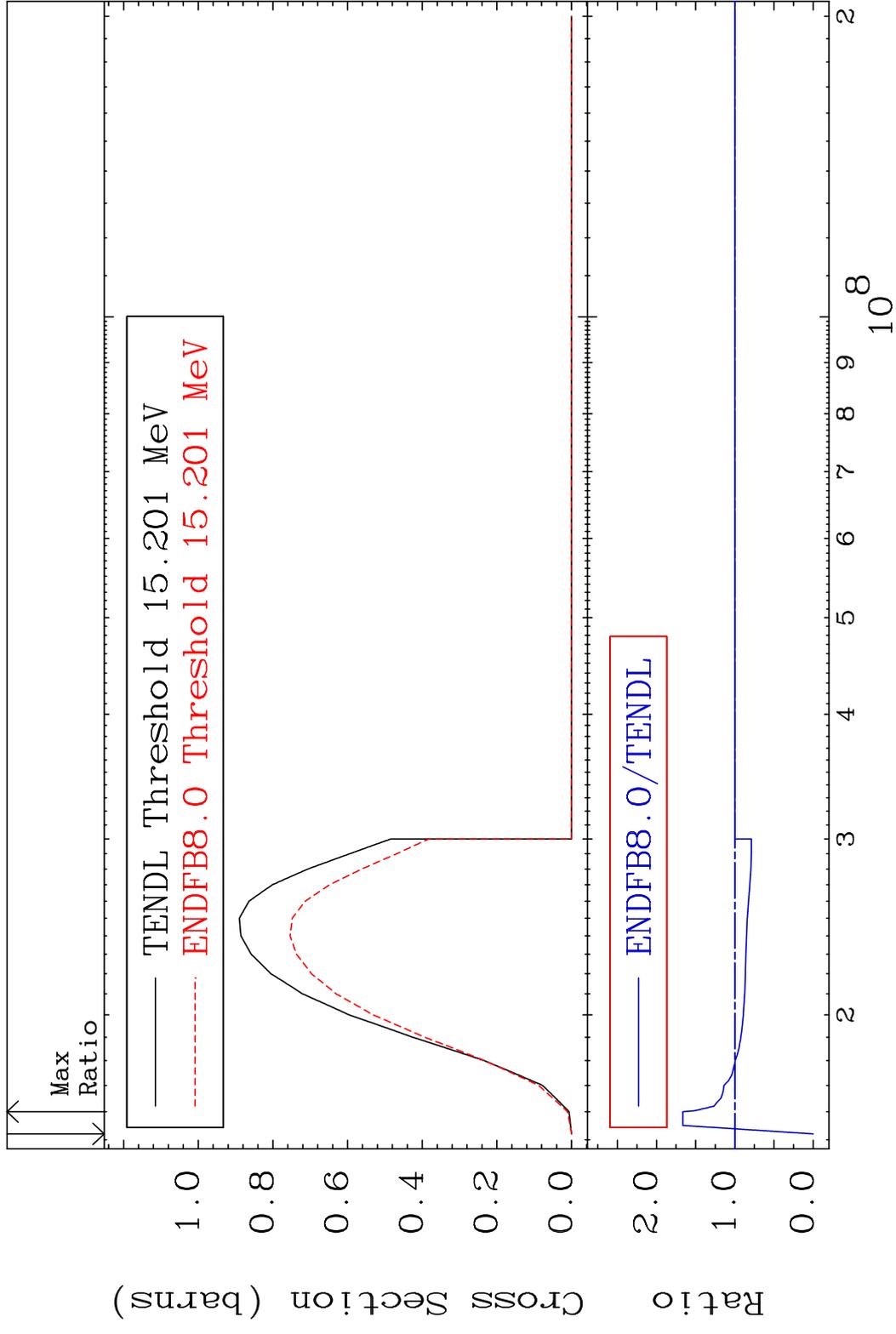


MAT 8228 (n,2n):82-Pb-204m21 82-Pb-205
 Radionuclide Production Cross Section 180.0 dth 161.0 %

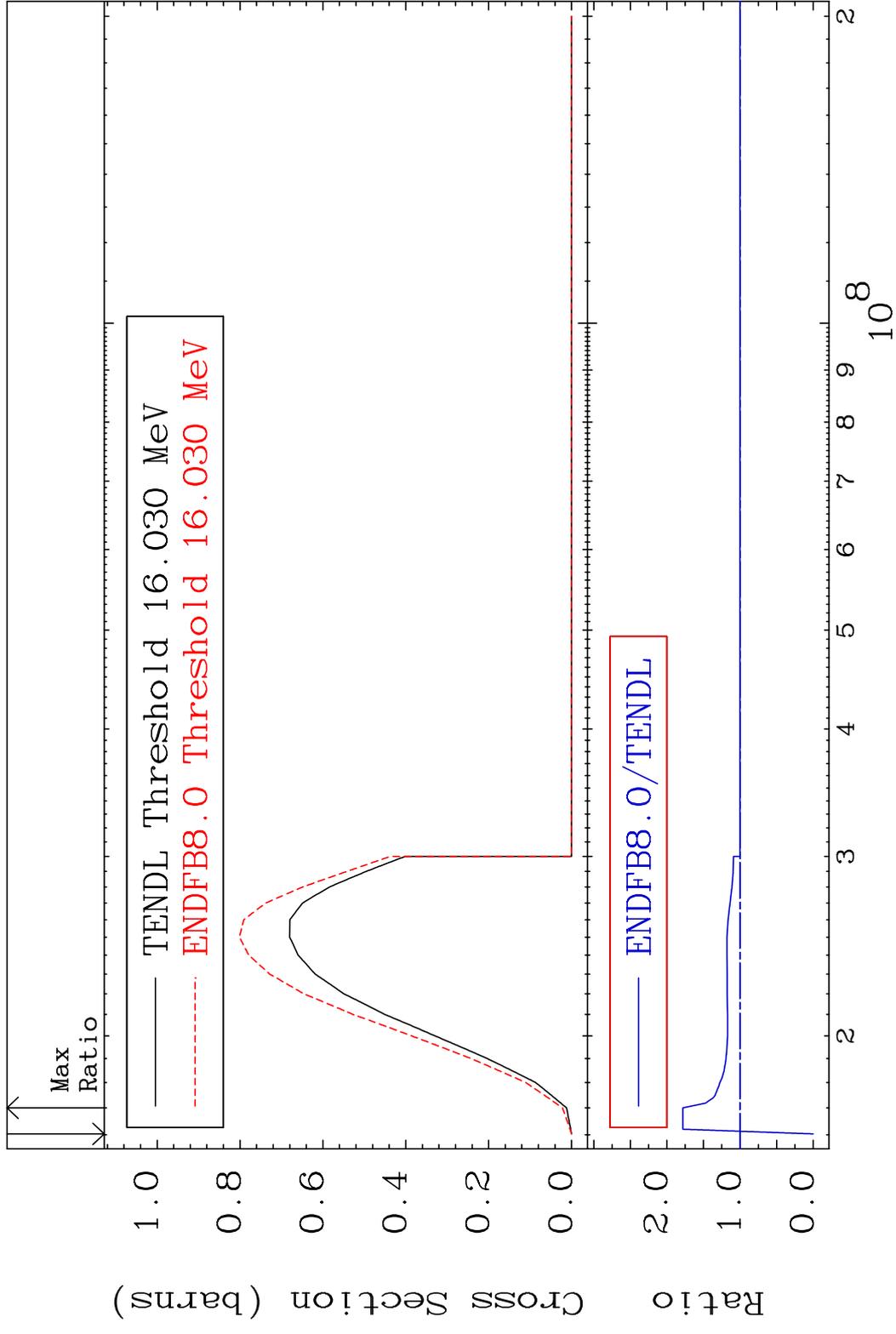


66 Incident Energy (eV) 82-Pb-205

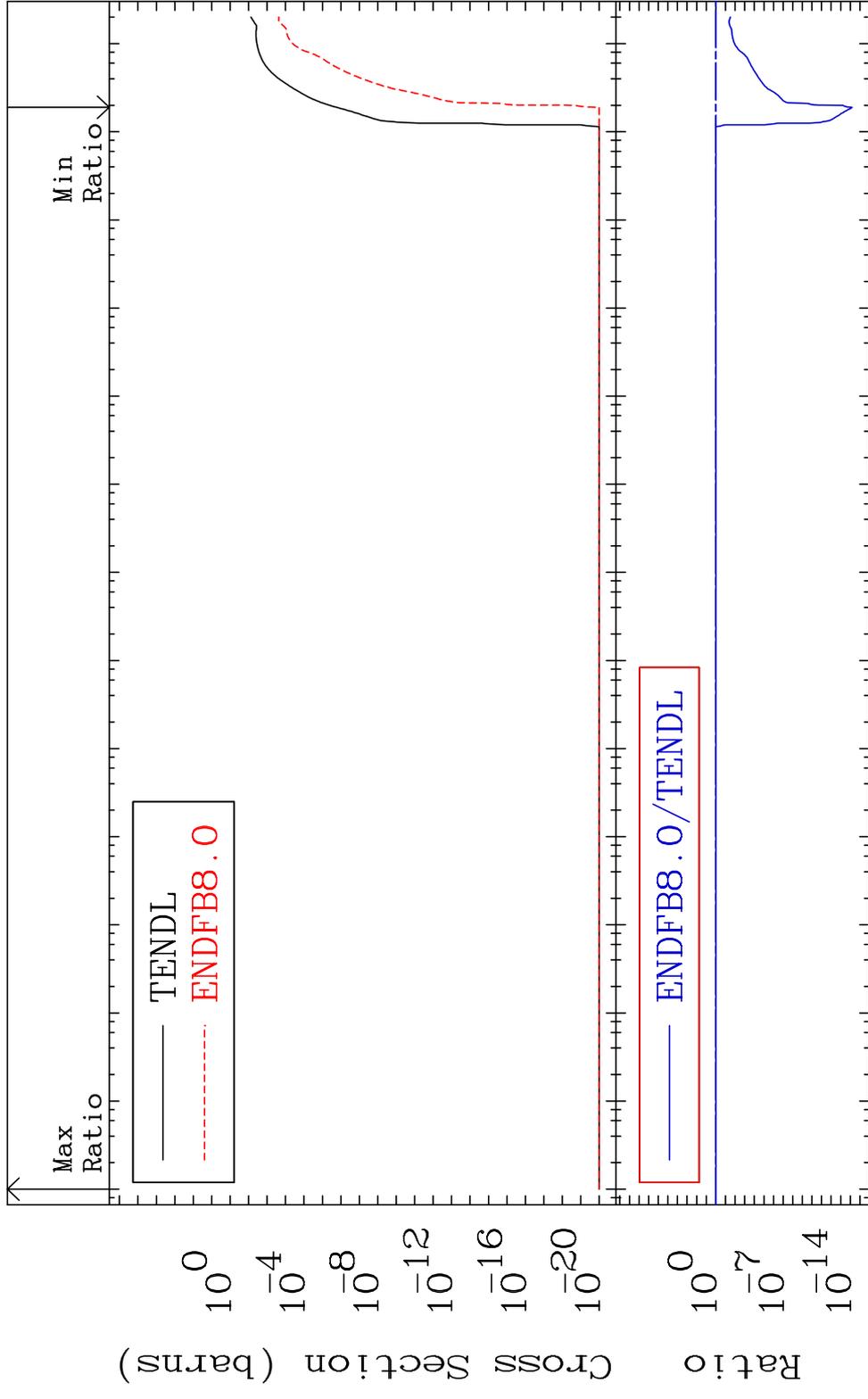
MAT 8228 (n,3n):82-Pb-203g 82-Pb-205
 Radionuclide Production Cross Section Ratio 66.42 %

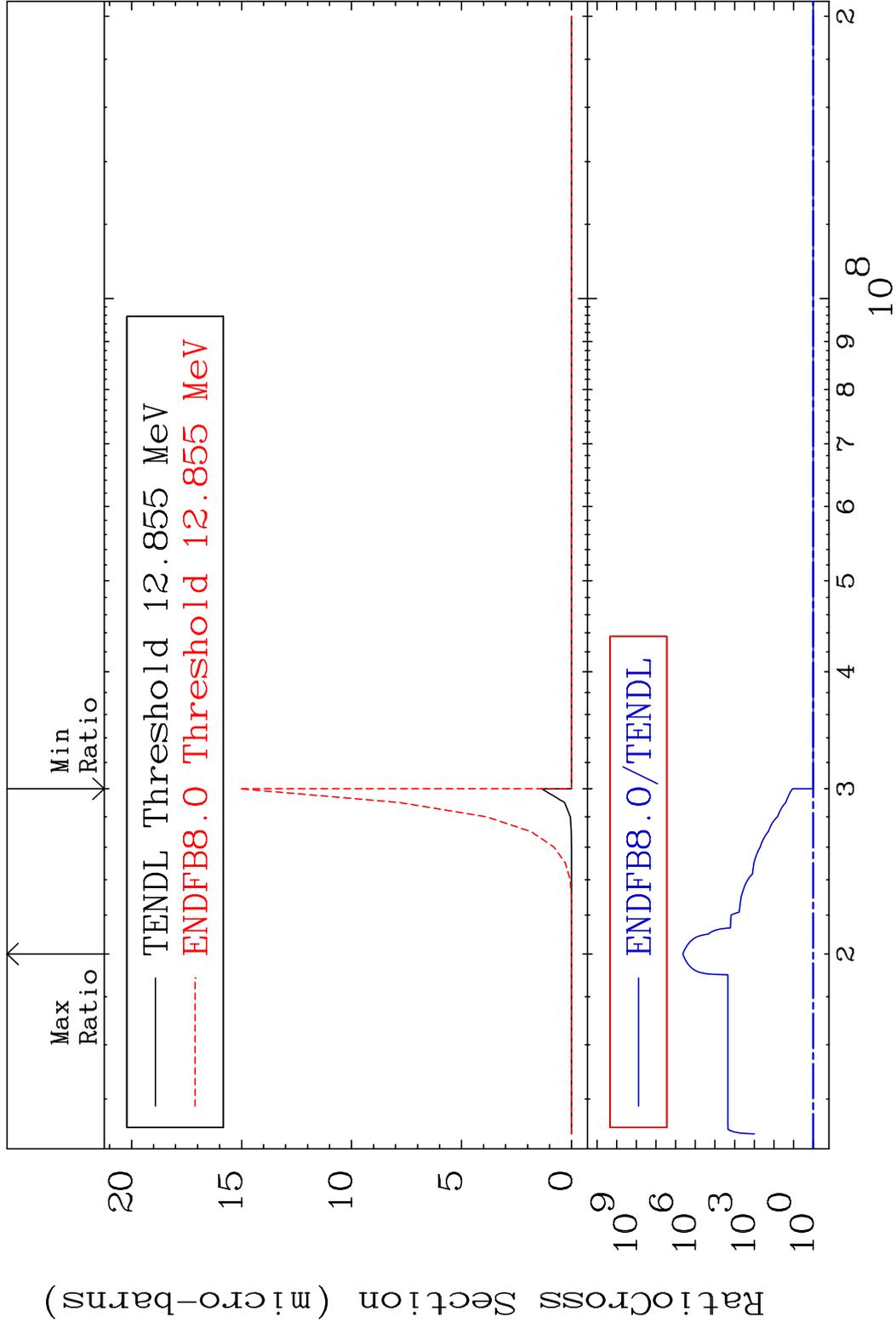


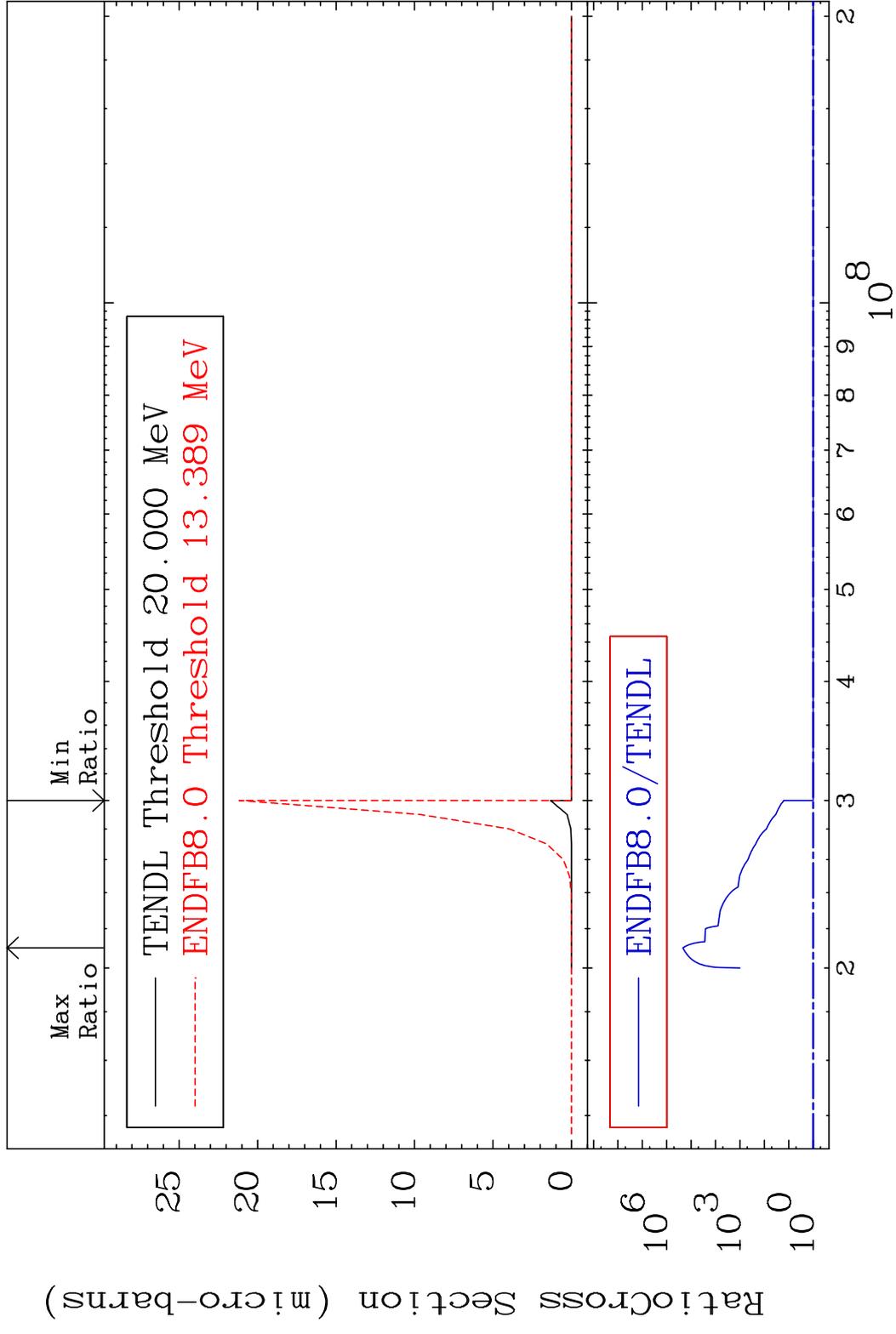
MAT 8228 (n, 3n):82-Pb-203m6 82-Pb-205
 Radionuclide Production Cross Section Ratio 78.23 %



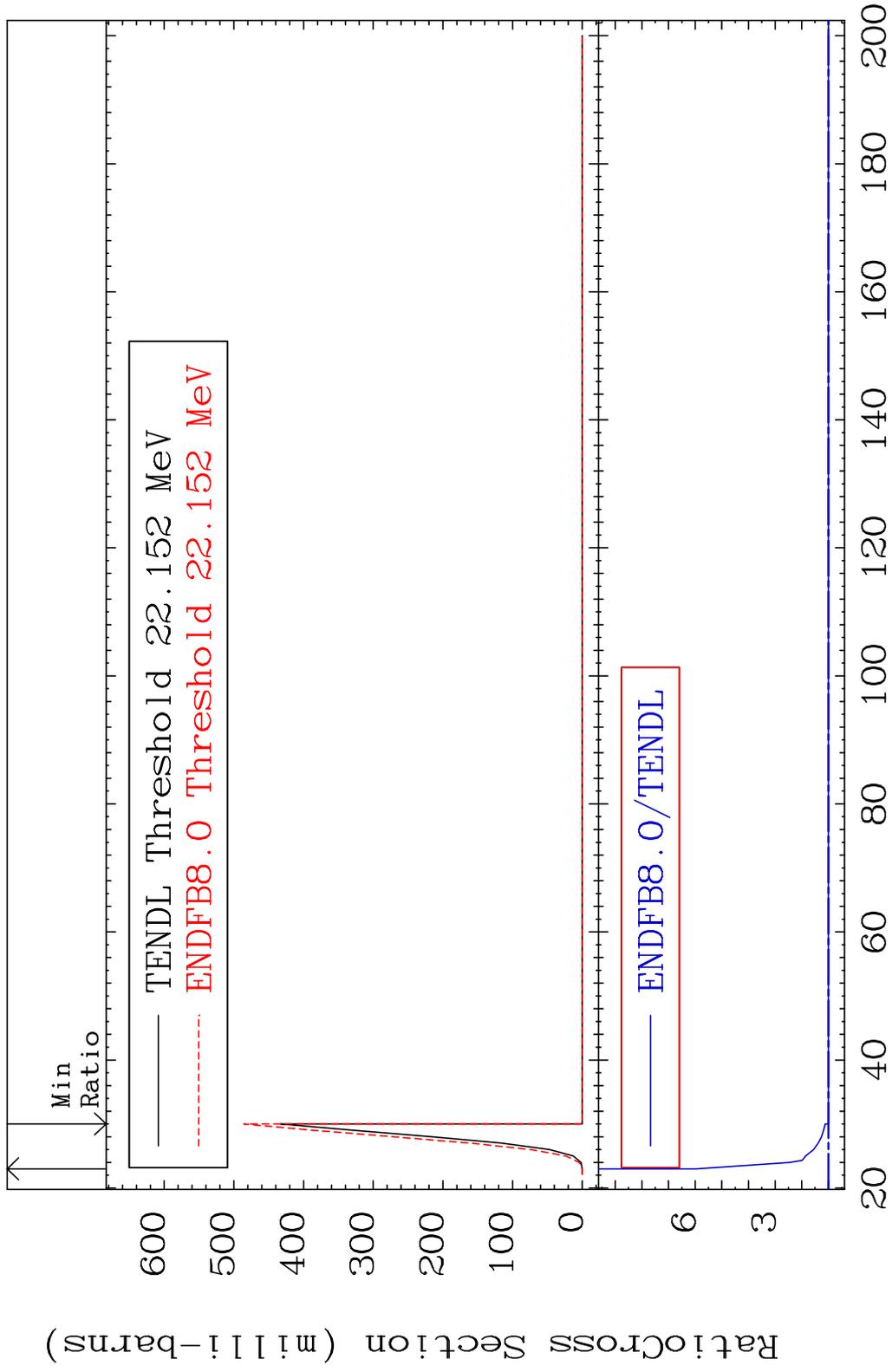
MAT 8228 Fission:0-??-Nat 82-Pb-205
 Radionuclide Production Cross Section 0.000 %







MAT 8228 (n,4n):82-Pb-202g 82-Pb-205
 Radionuclide Production Cross Section 498.3 %



MAT 8228 (n, 4n): 82-Pb-202m14 82-Pb-205
 Radionuclide Production Cross Section 887.5 %

