

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

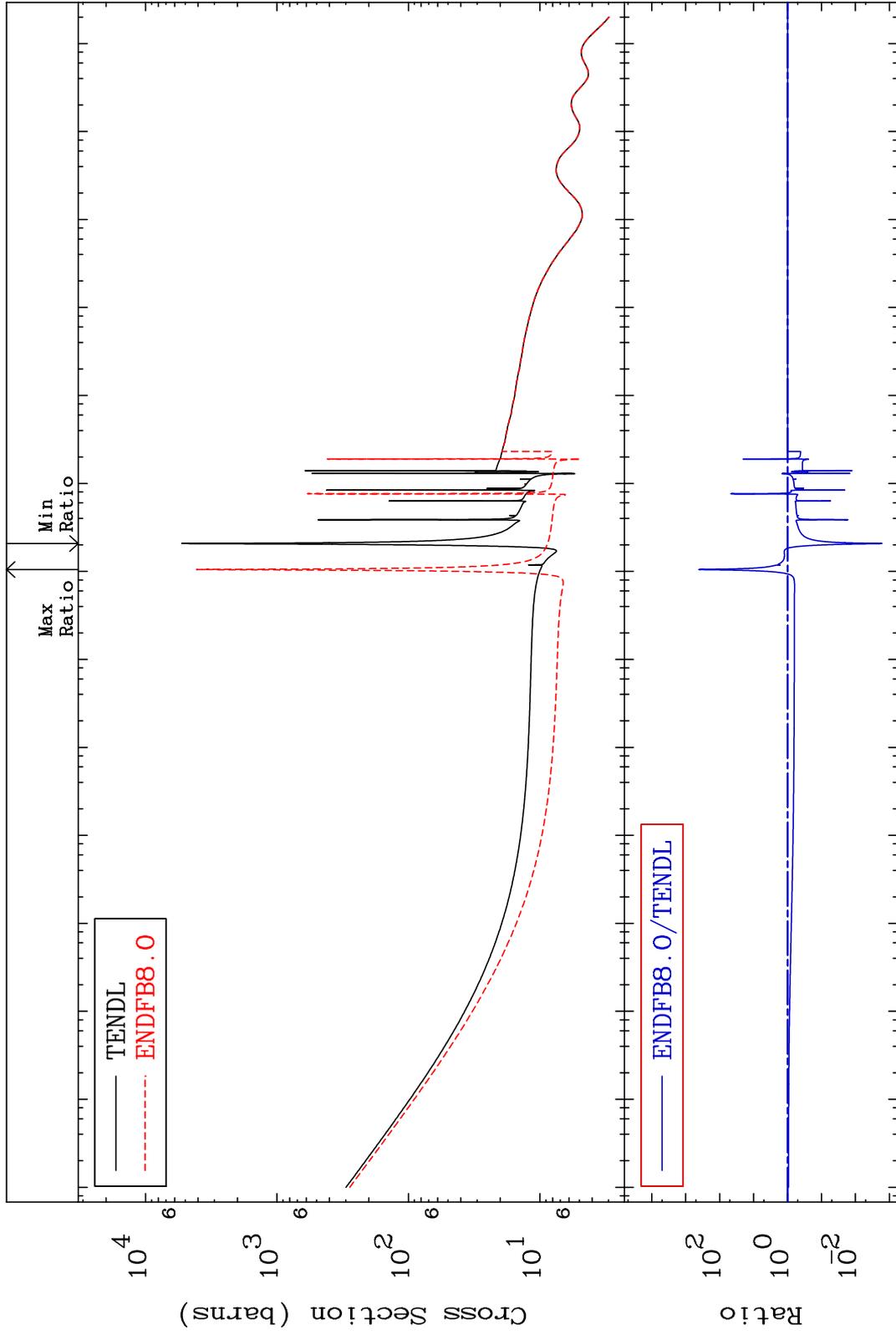
MAT 8228

Total

82-Pb-205

Cross Section

-99.84 To 9999. %



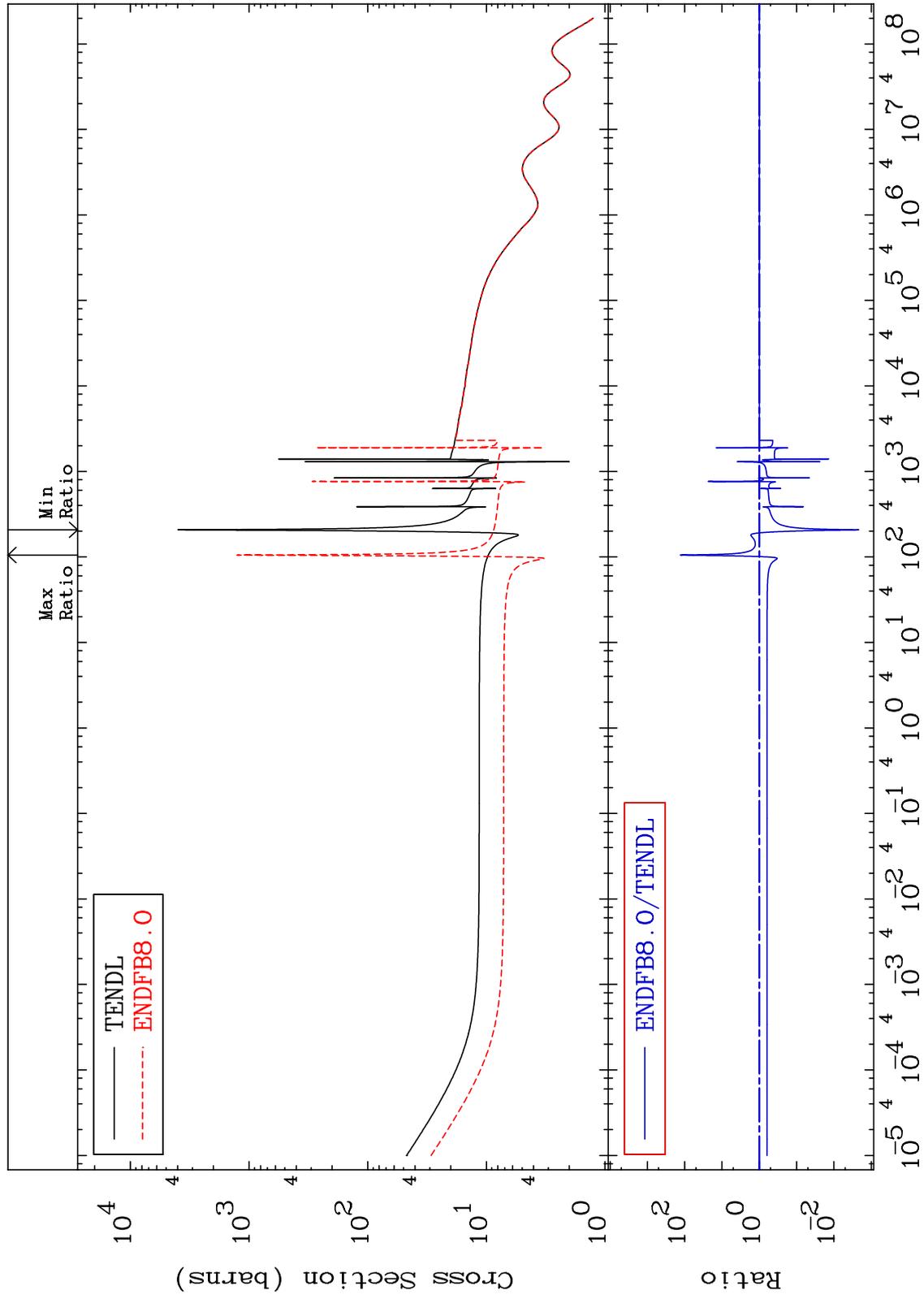
Incident Energy (eV)

82-Pb-205

MAT 8228

Elastic
Cross Section

82-Pb-205
-99.78 To 9999. %

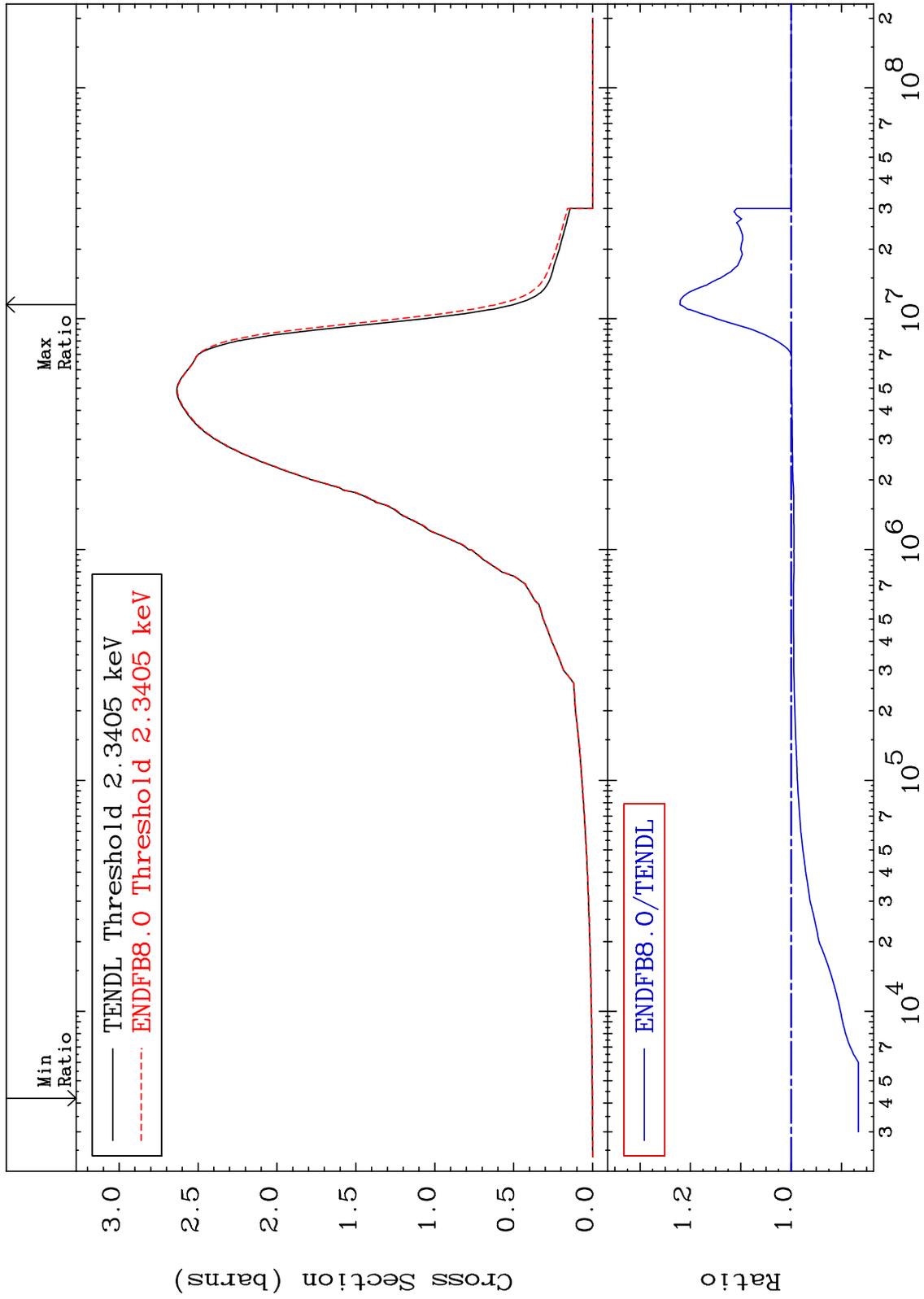


2

Incident Energy (eV)

82-Pb-205

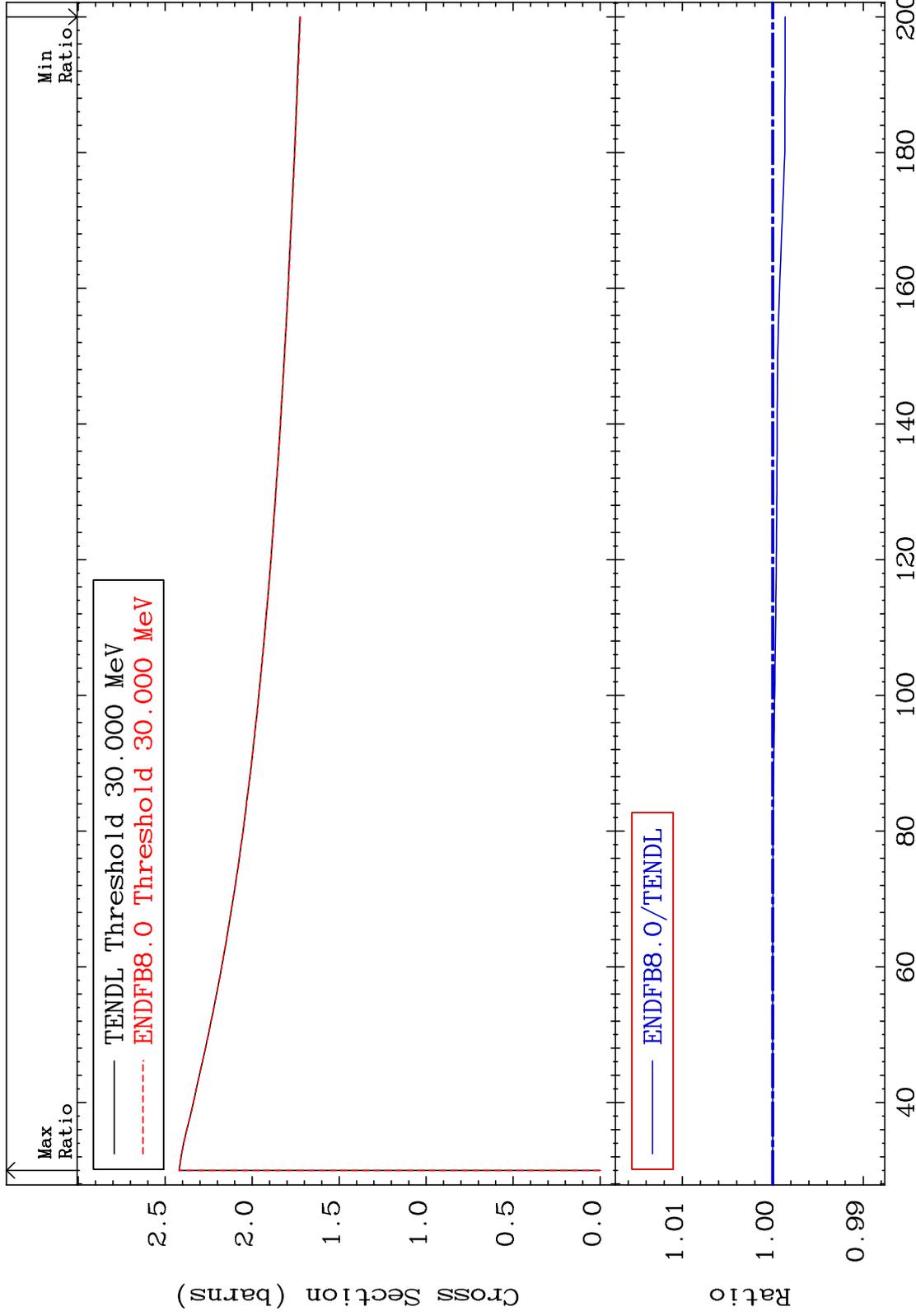
MAT 8228 Inelastic Cross Section 82-Pb-205 -13.36 To 22.08 %



MAT 8228

(n, remainder)
Cross Section

82-Pb-205
-0.136 To 0.000 %



MAT 8228

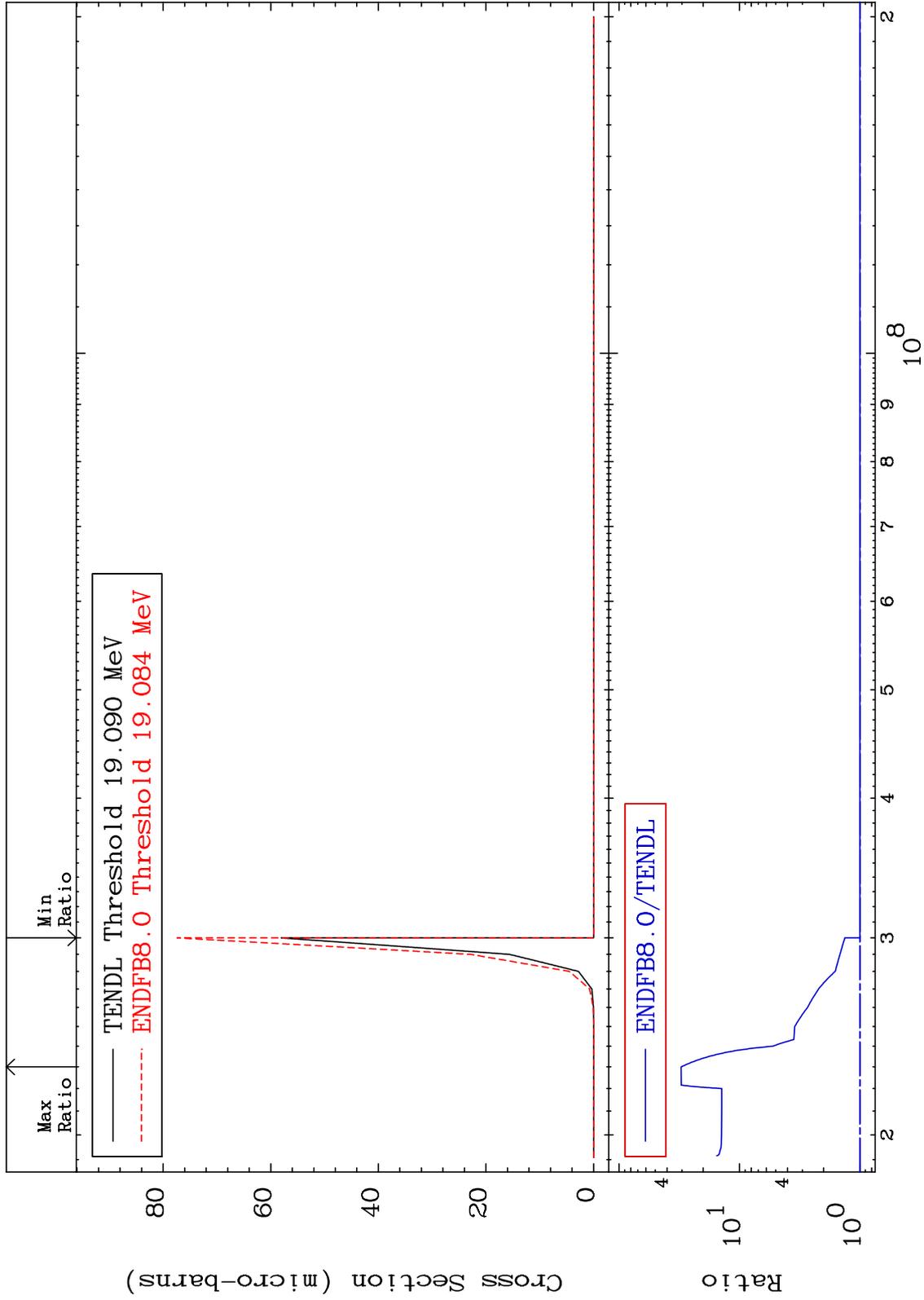
(n,2n) d

82-Pb-205

Cross Section

0.000

To 2952. %



5

Incident Energy (eV)

82-Pb-205

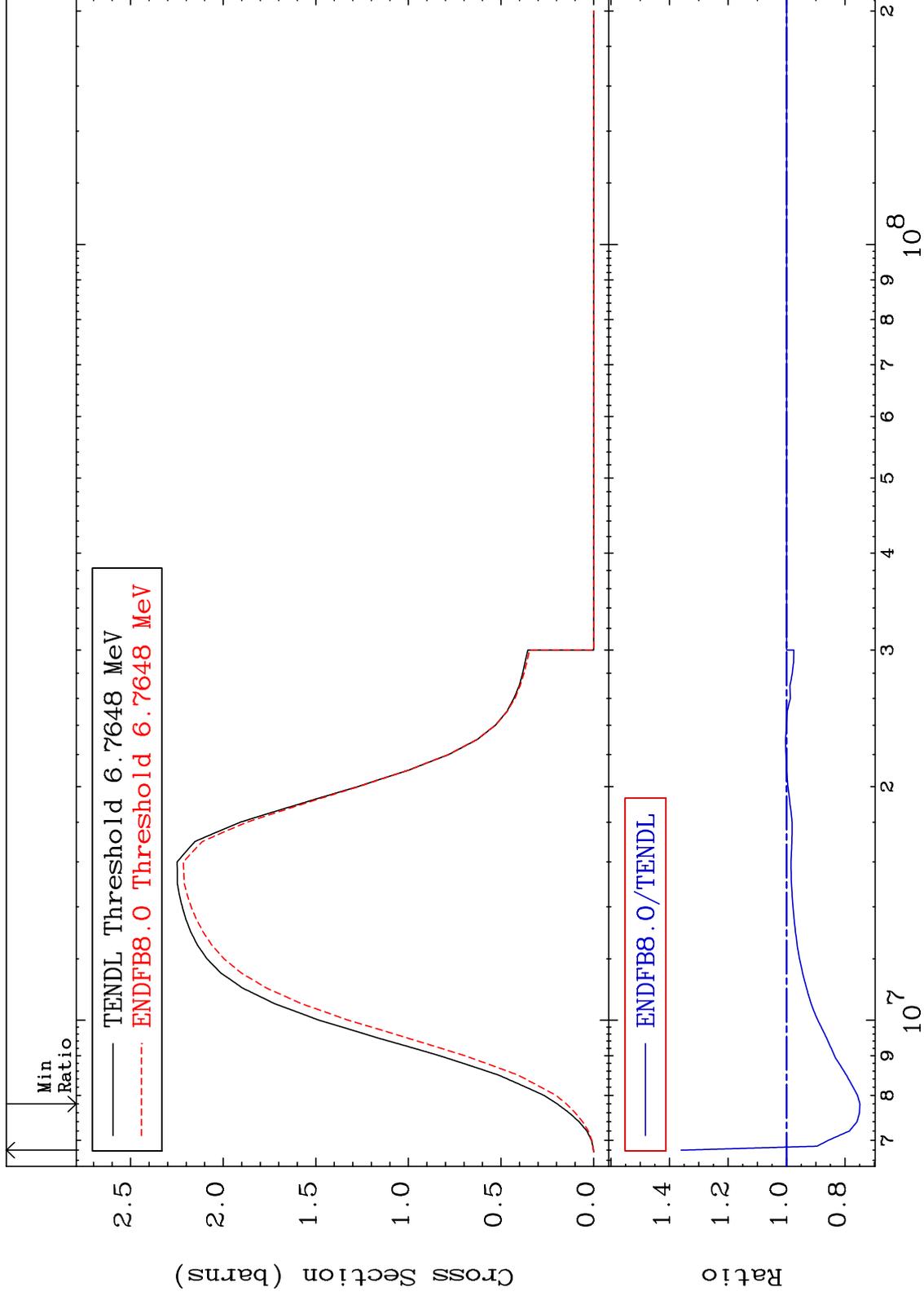
MAT 8228

(n, 2n)

82-Pb-205

Cross Section

-25.07 To 36.03 %



6

Incident Energy (eV)

82-Pb-205

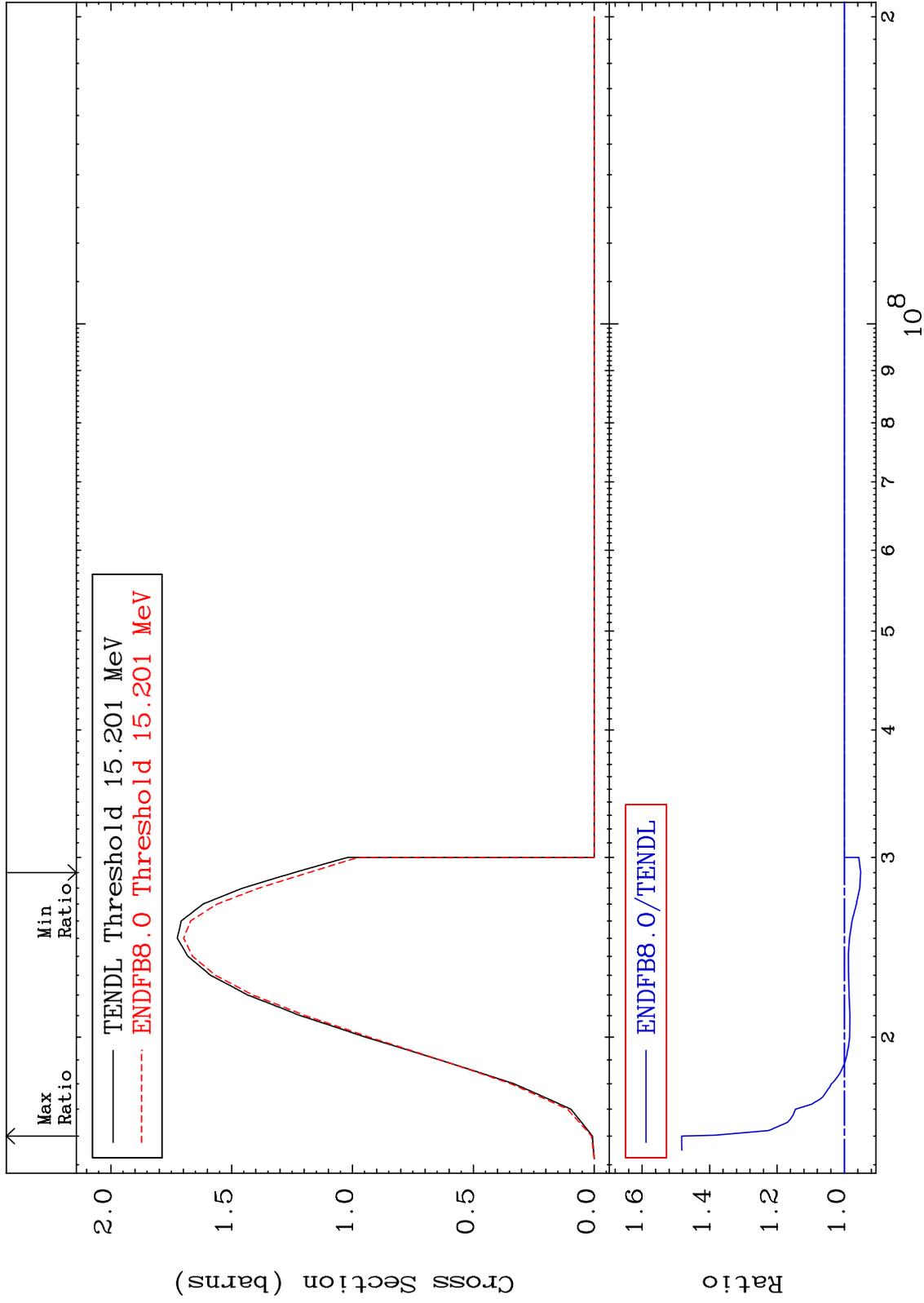
MAT 8228

(n, 3n)

82-Pb-205

Cross Section

-4.840 To 48.26 %



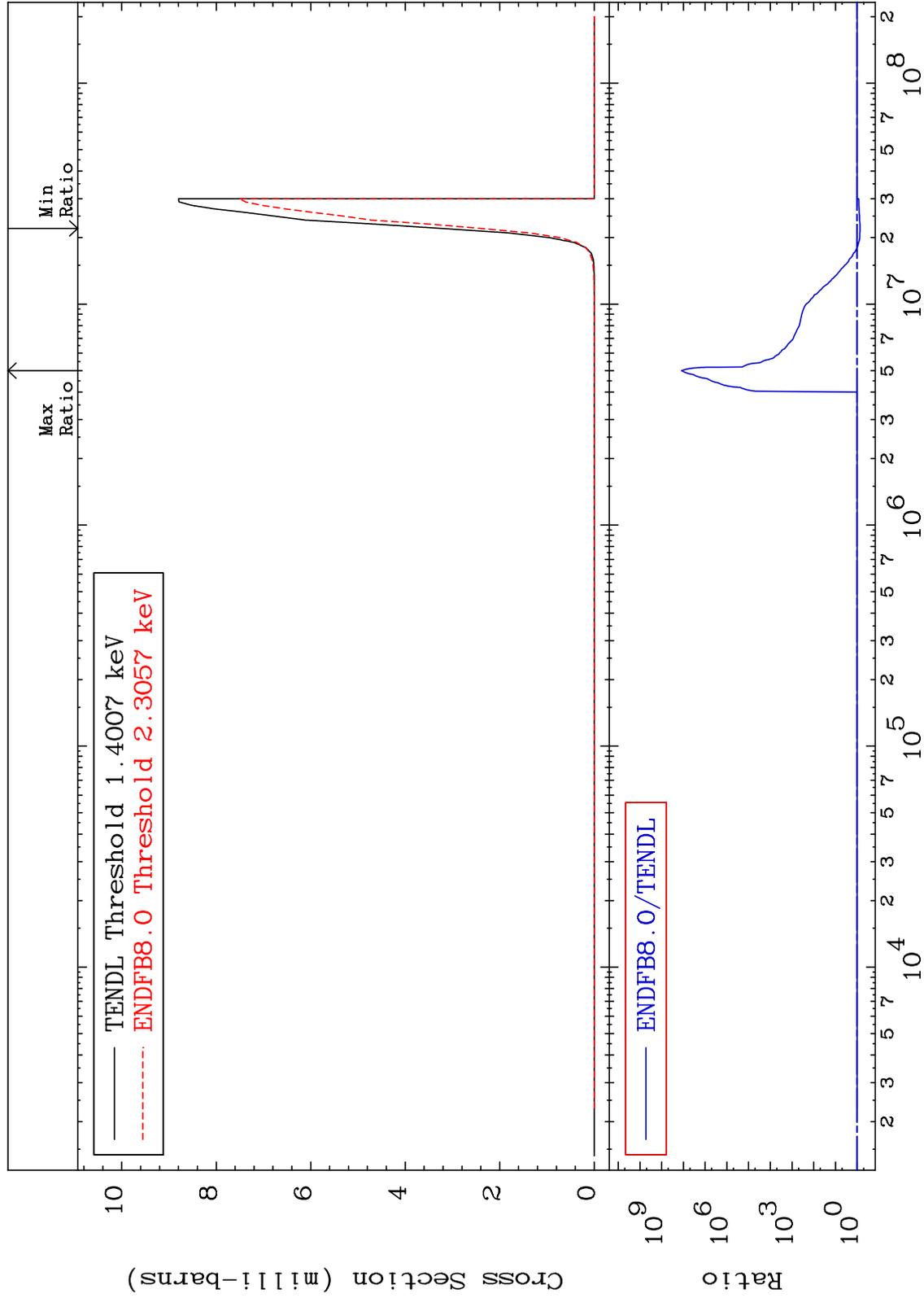
MAT 8228

(n,n') α

82-Pb-205

Cross Section

-26.06 To 9999. %



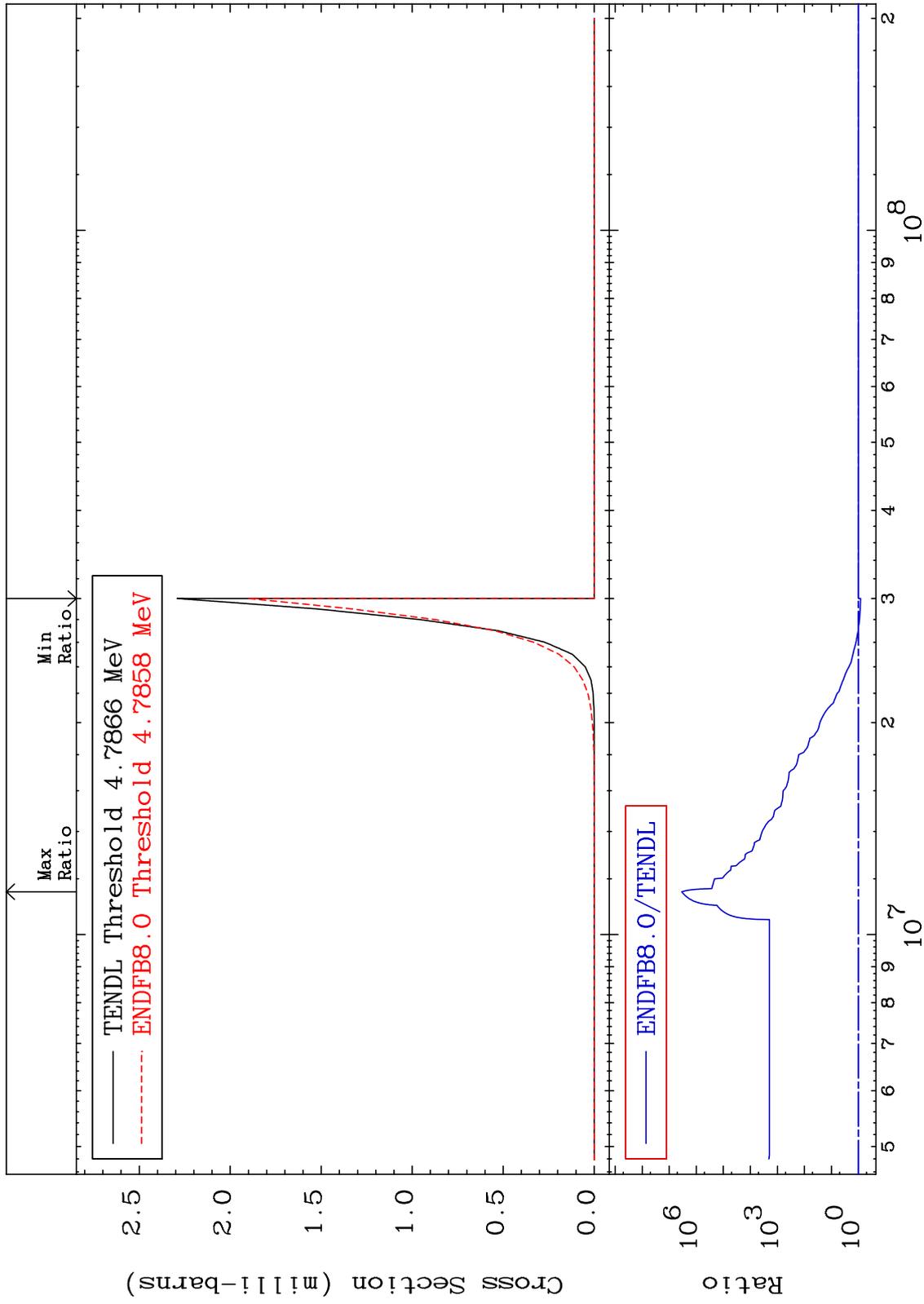
MAT 8228

(n,2n) α

82-Pb-205

-16.93 To 9999. %

Cross Section



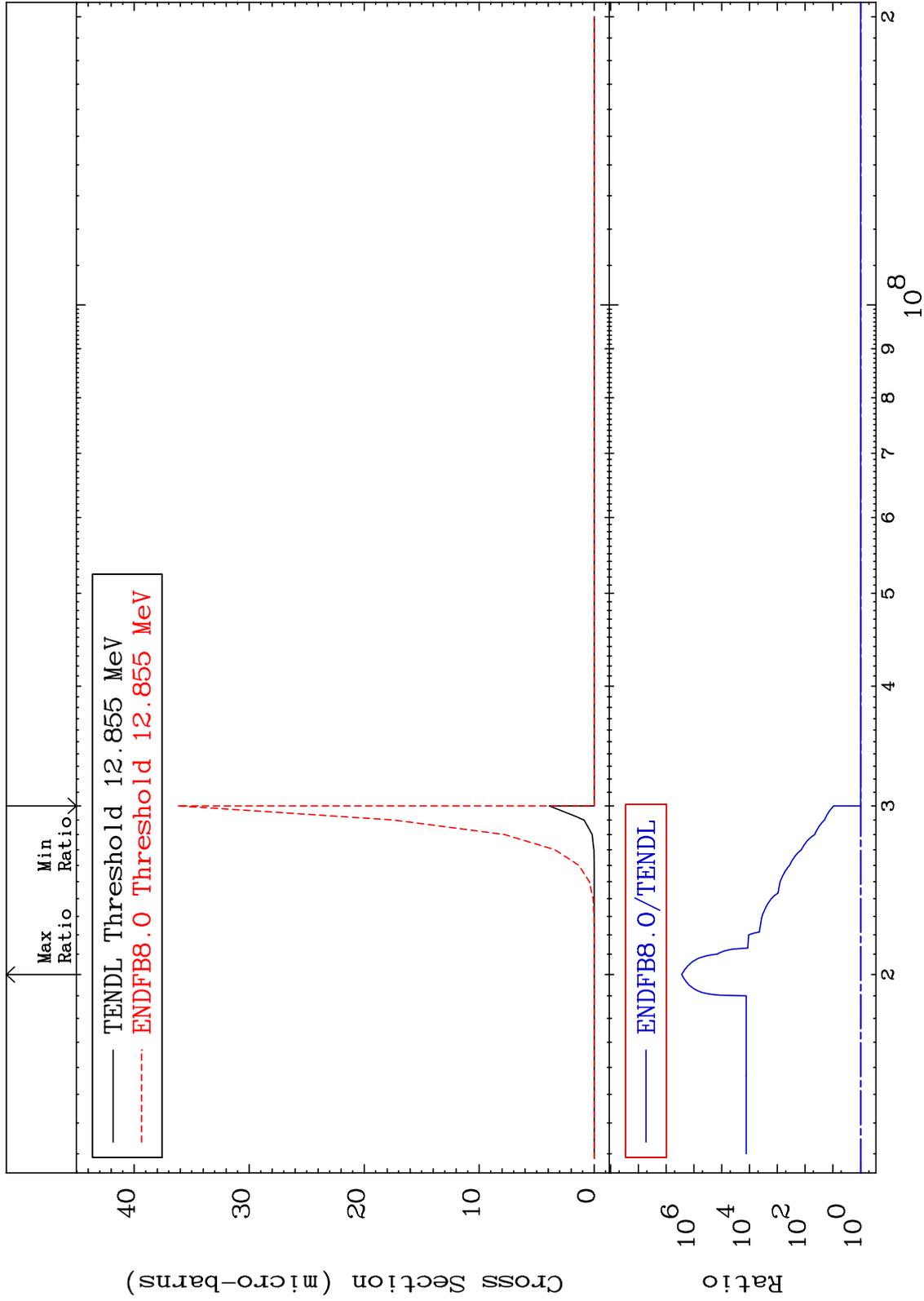
MAT 8228

(n,3n) α

82-Pb-205

Cross Section

0.000 To 9999. %



10

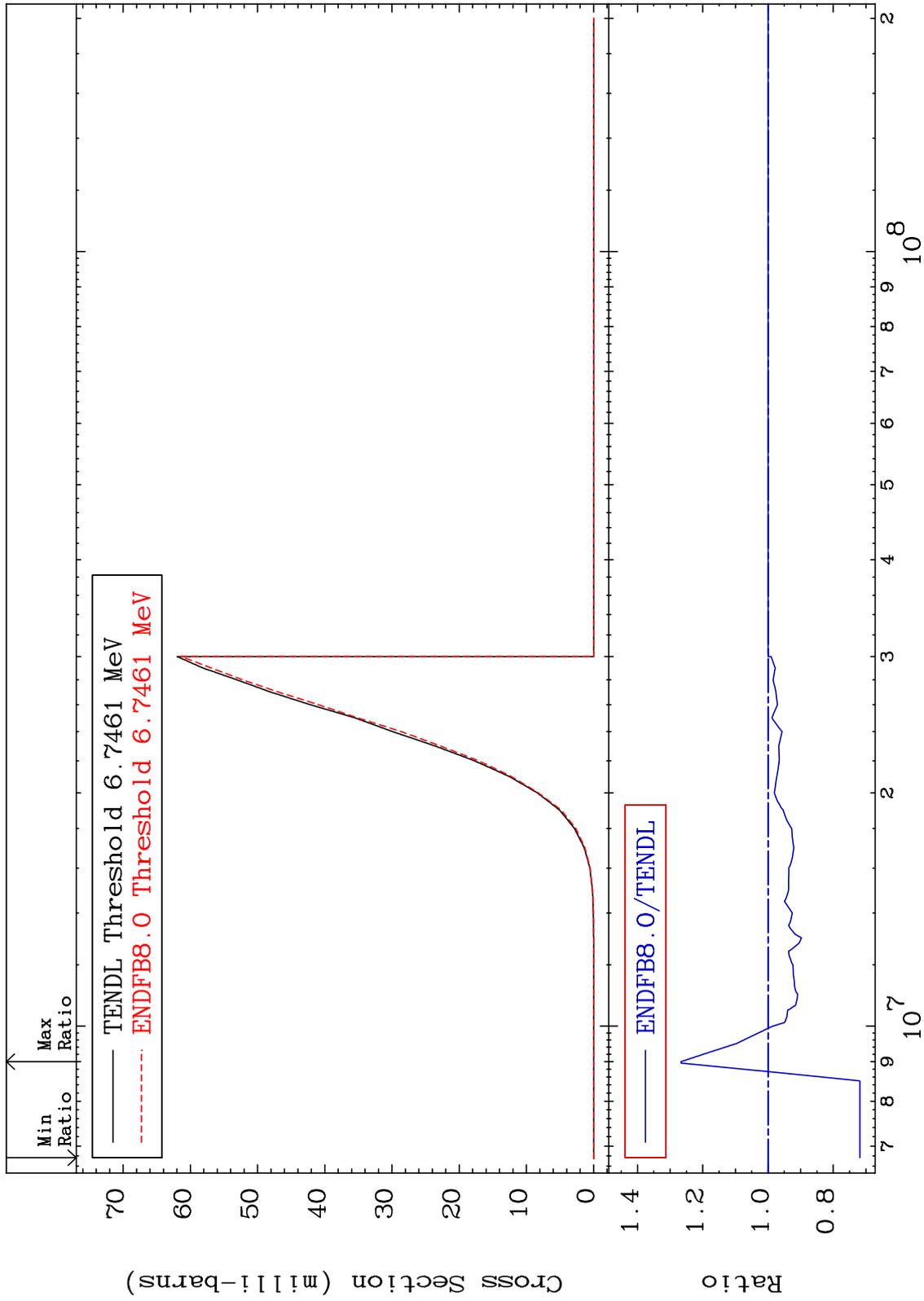
Incident Energy (eV)

82-Pb-205

MAT 8228

(n,n') p
Cross Section

82-Pb-205
-28.16 To 26.63 %



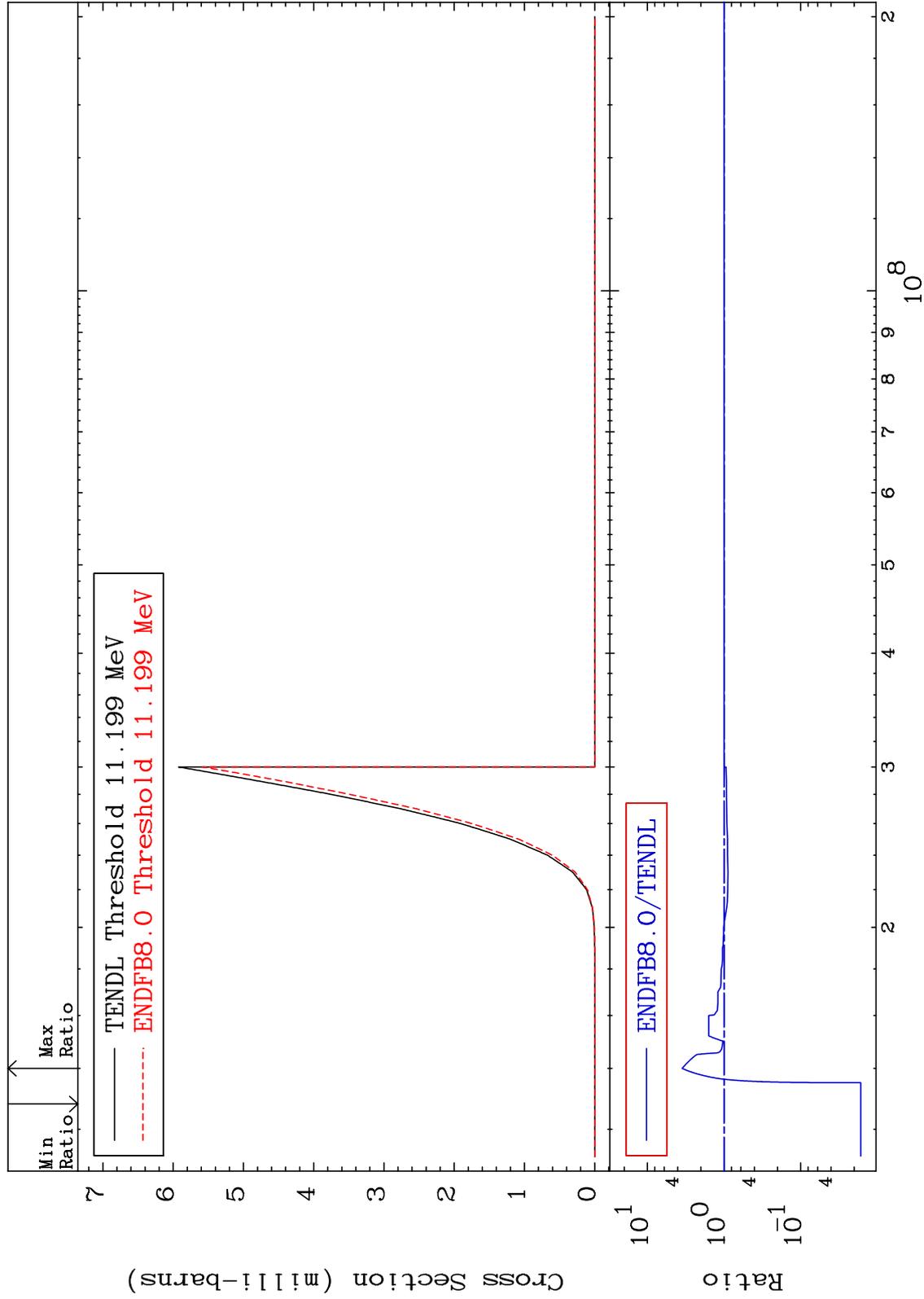
MAT 8228

(n,n') d

82-Pb-205

Cross Section

-98.36 To 250.7 %



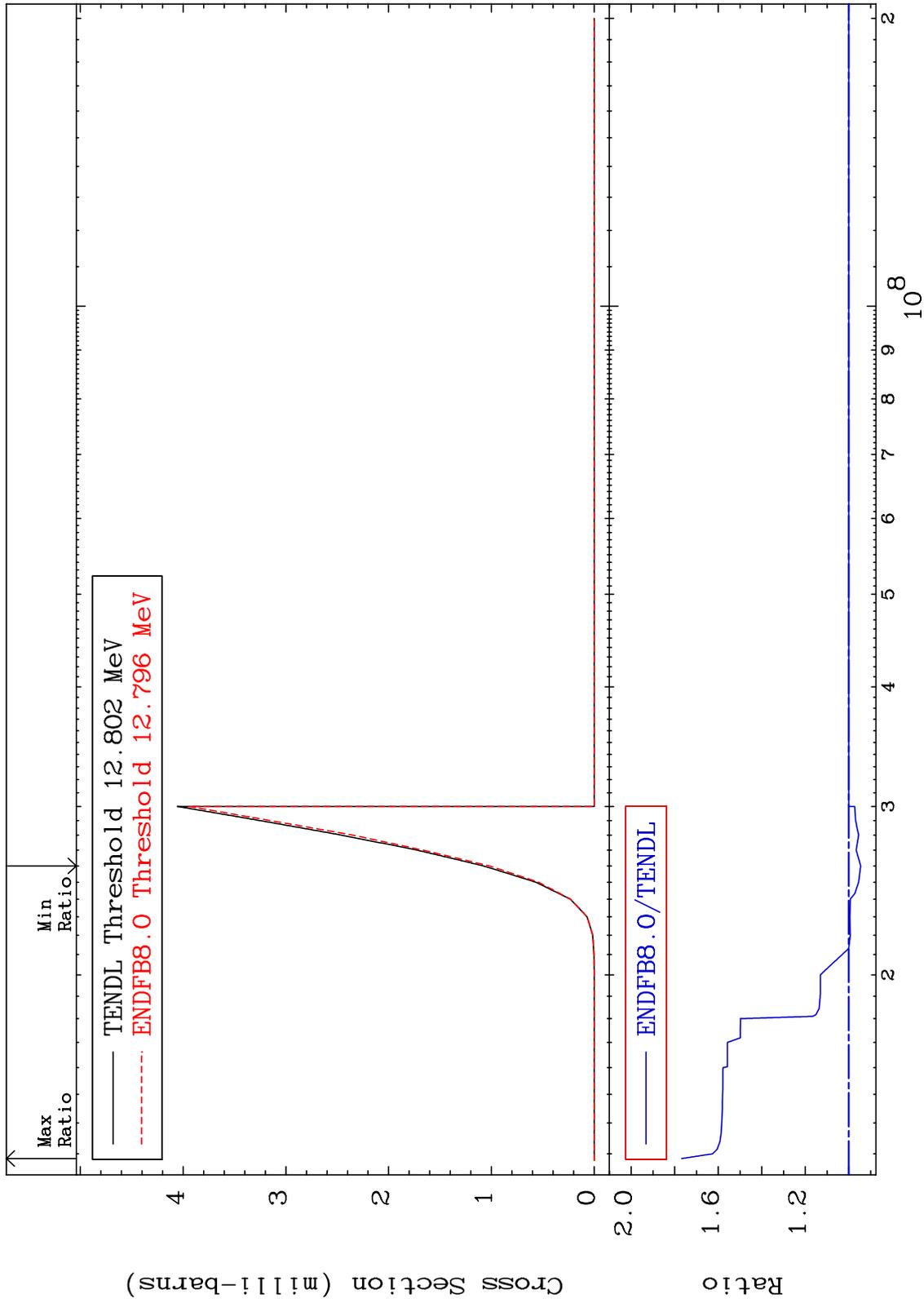
MAT 8228

(n,n') t

82-Pb-205

Cross Section

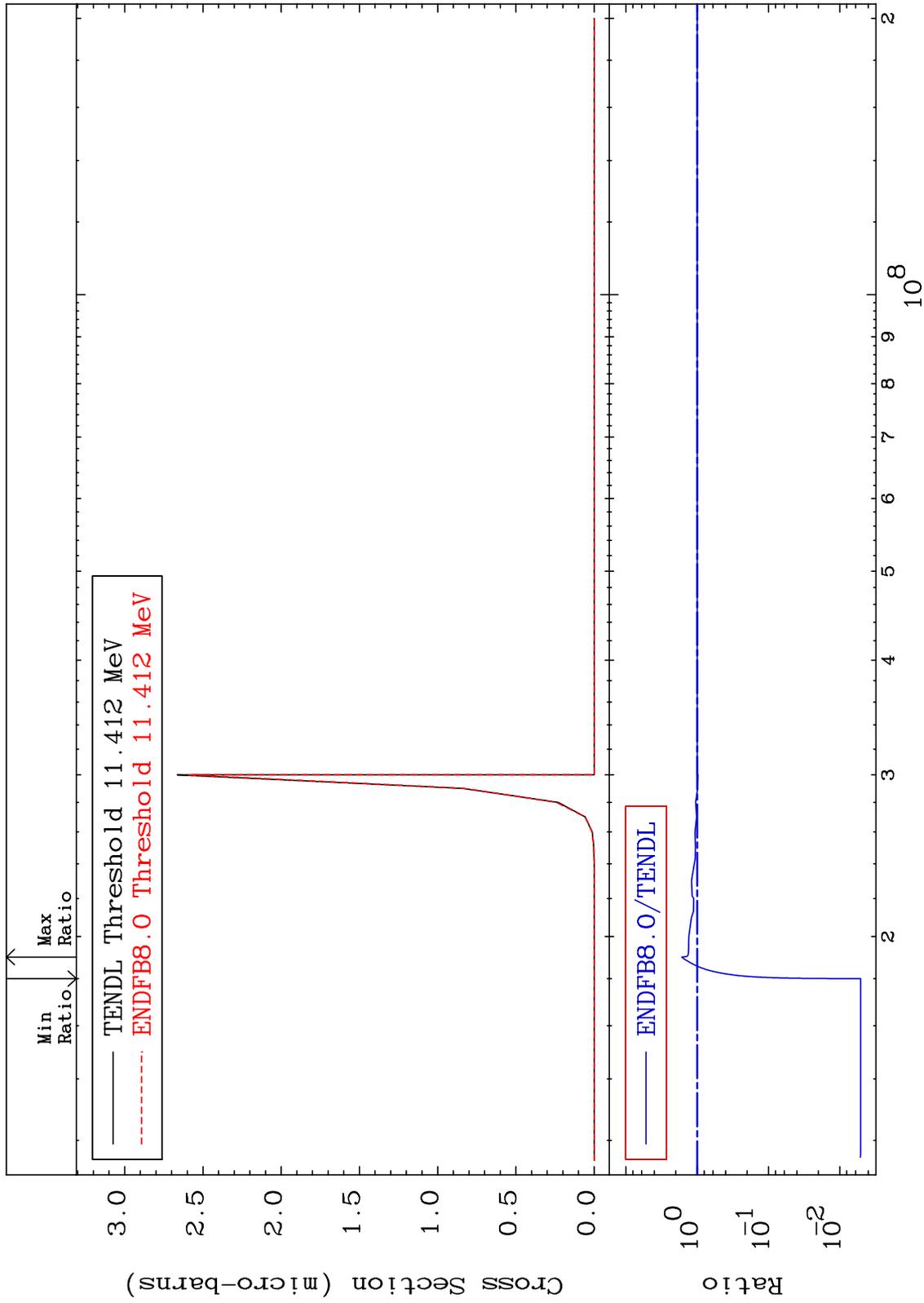
-5.445 To 76.78 %



MAT 8228

(n, n') He-3
Cross Section

82-Pb-205
-99.49 To 64.79 %



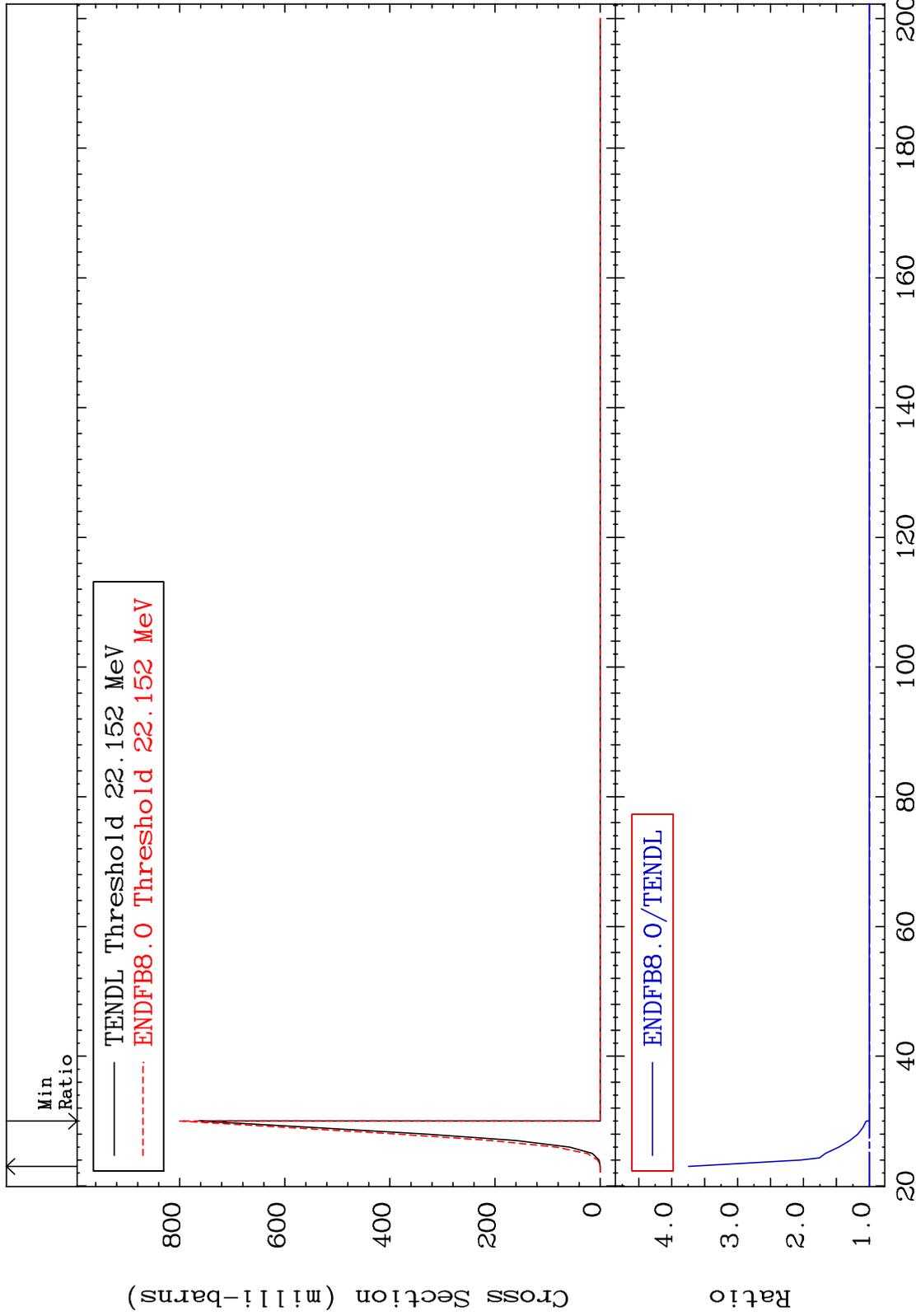
MAT 8228

(n, 4n)

82-Pb-205

Cross Section

0.000 To 274.3 %



82-Pb-205

Incident Energy (MeV)

15

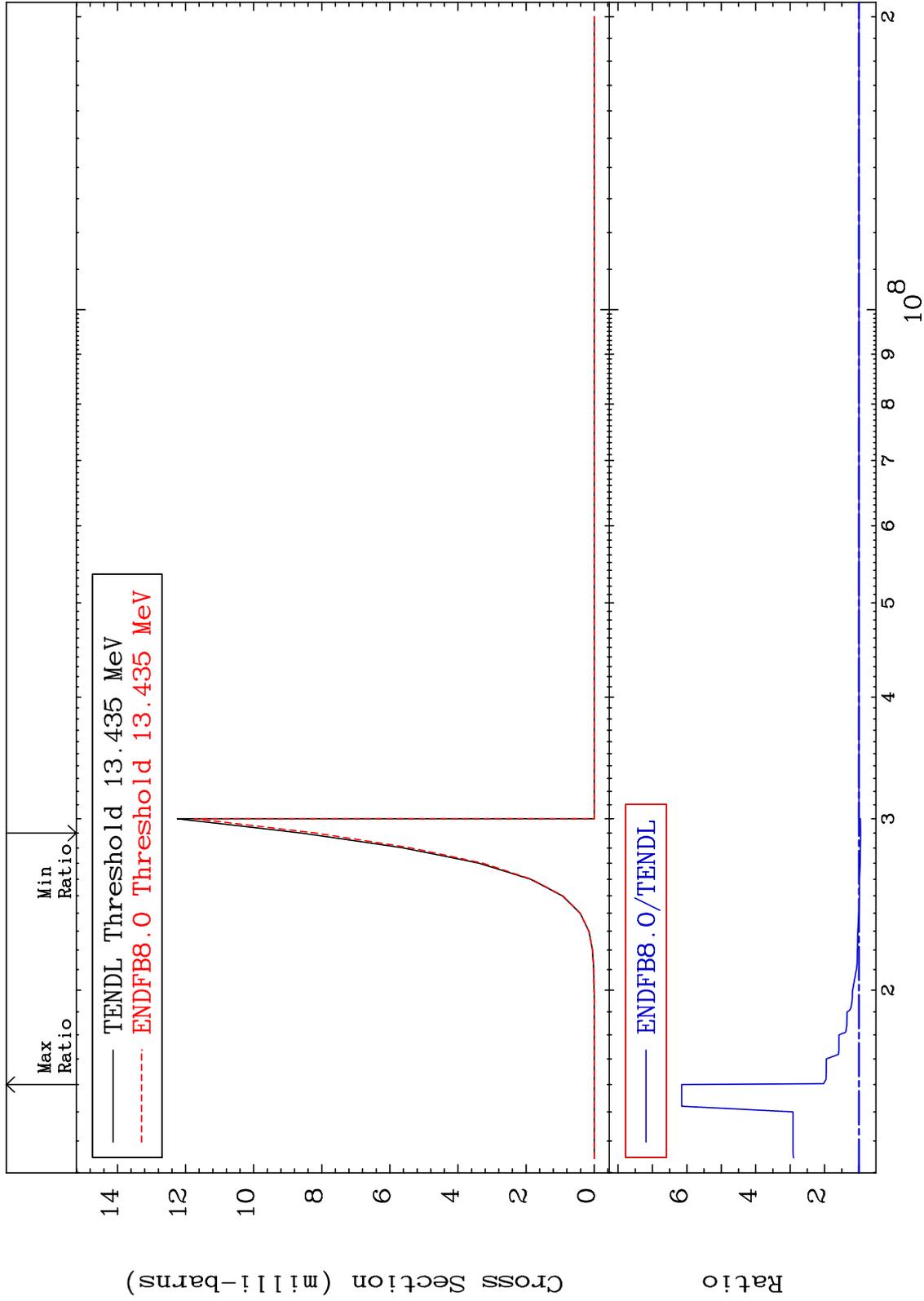
MAT 8228

(n,2n) p

82-Pb-205

Cross Section

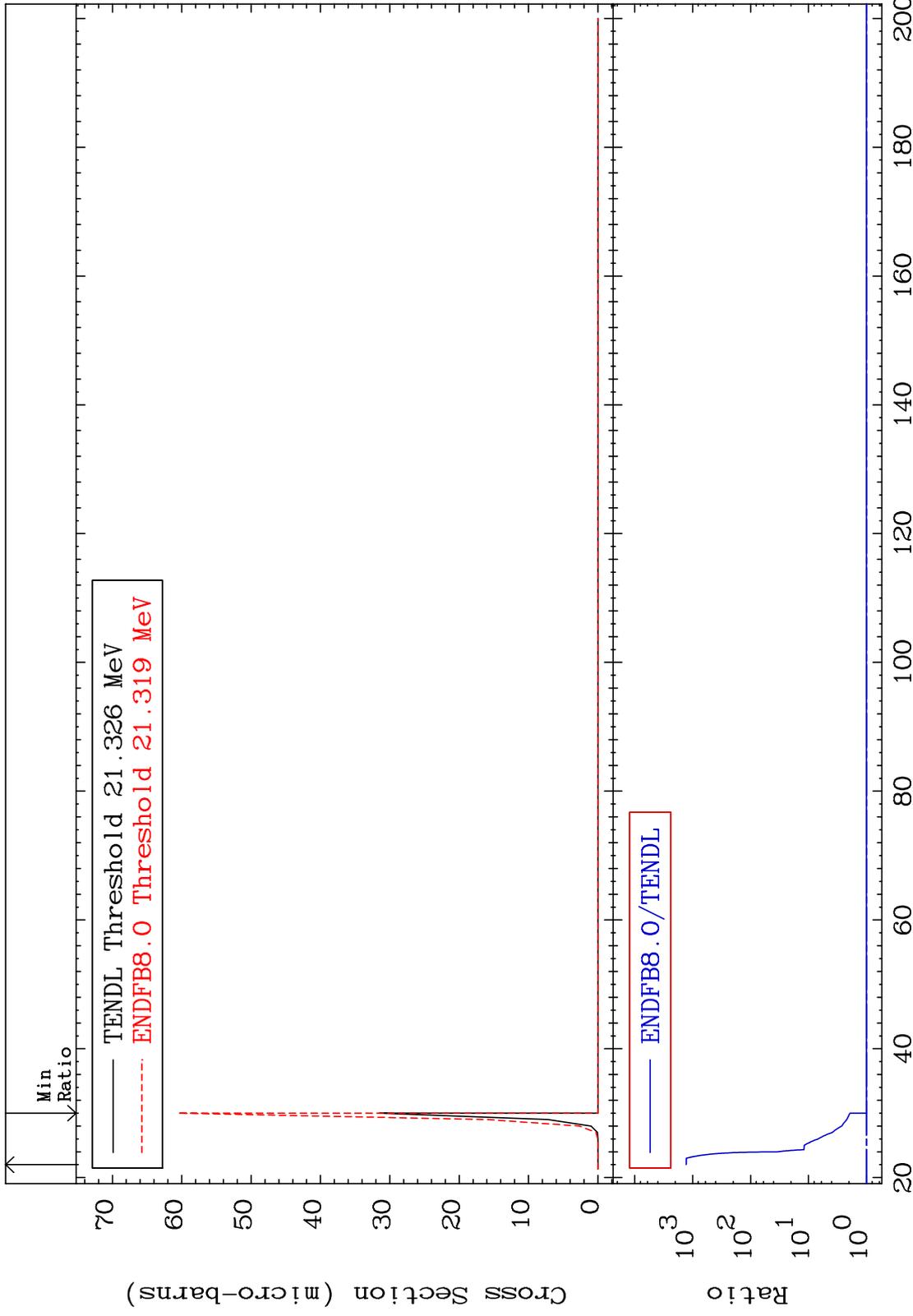
-4.931 To 514.8 %



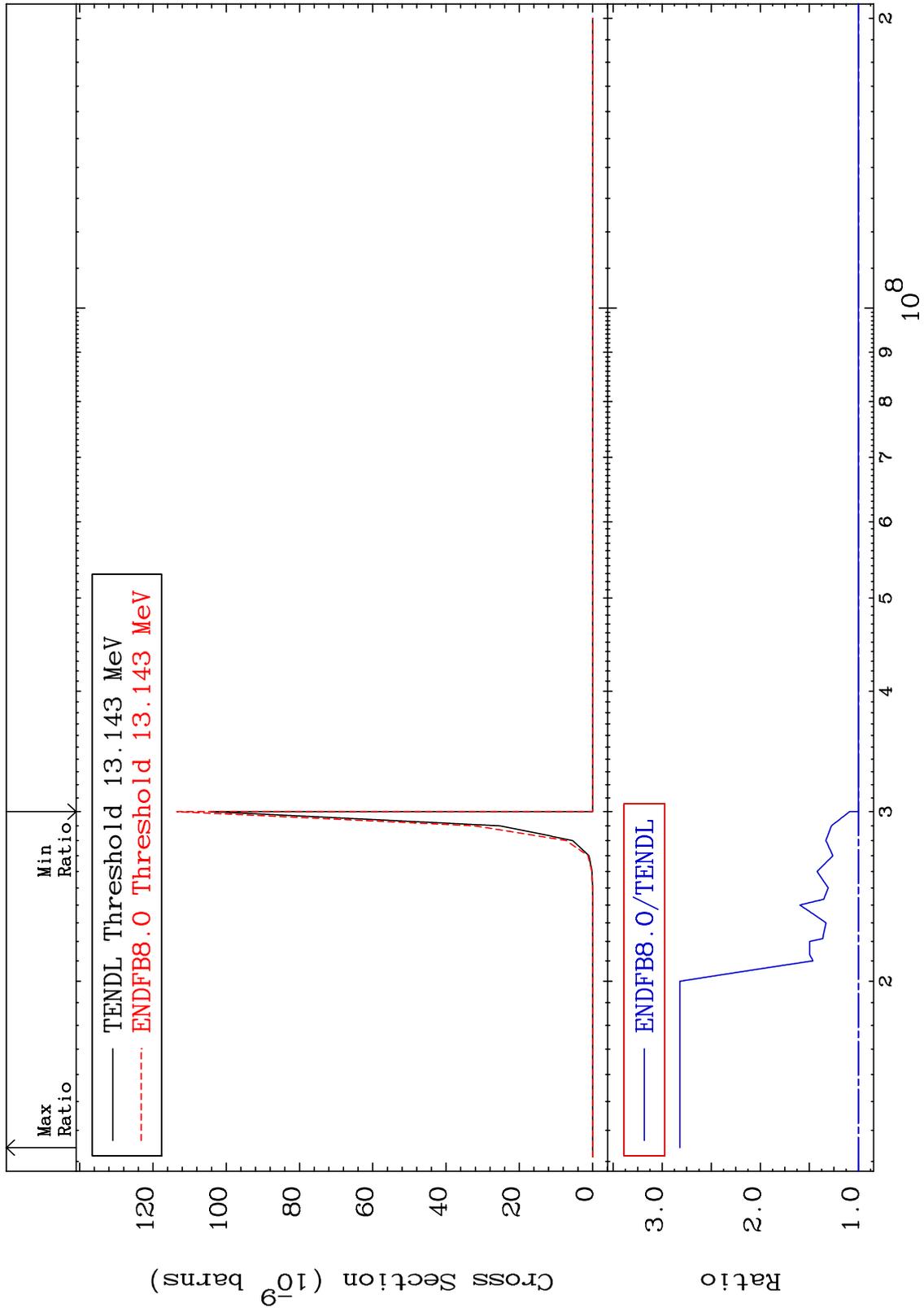
MAT 8228

(n,3n) p
Cross Section

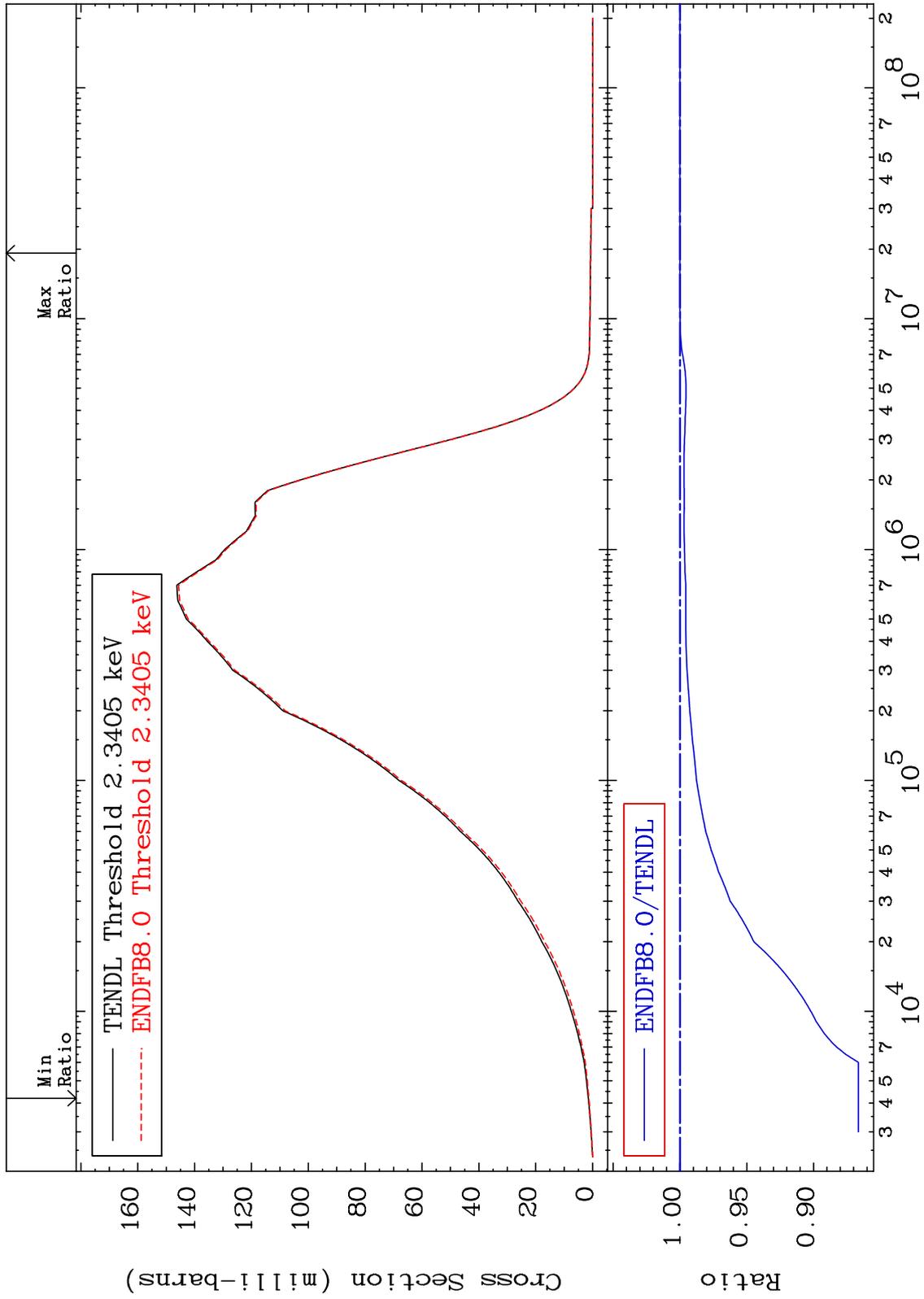
82-Pb-205
0.000 To 9999. %



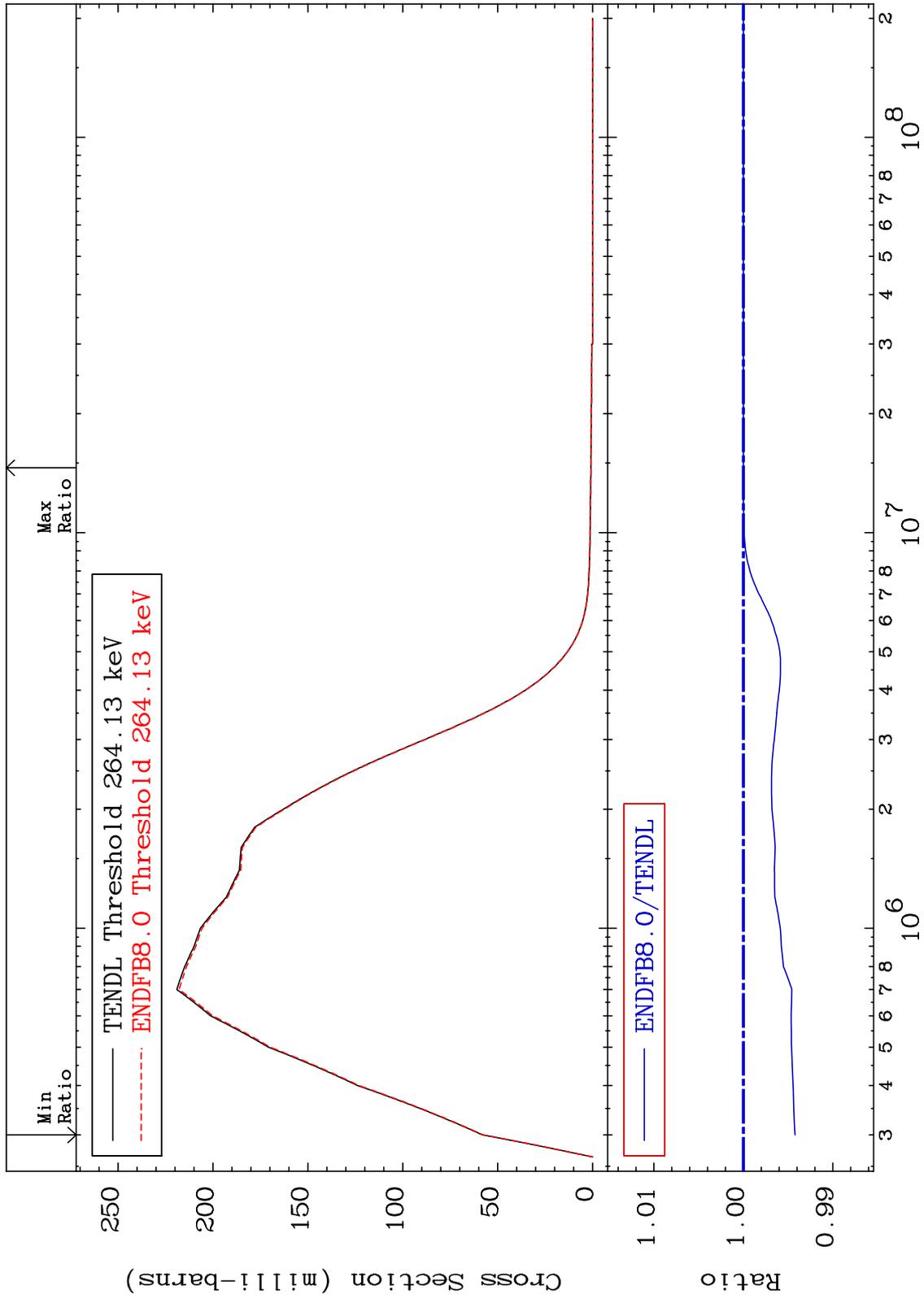
MAT 8228 (n,2n) p 82-Pb-205
 Cross Section 0.000 To 181.9 %



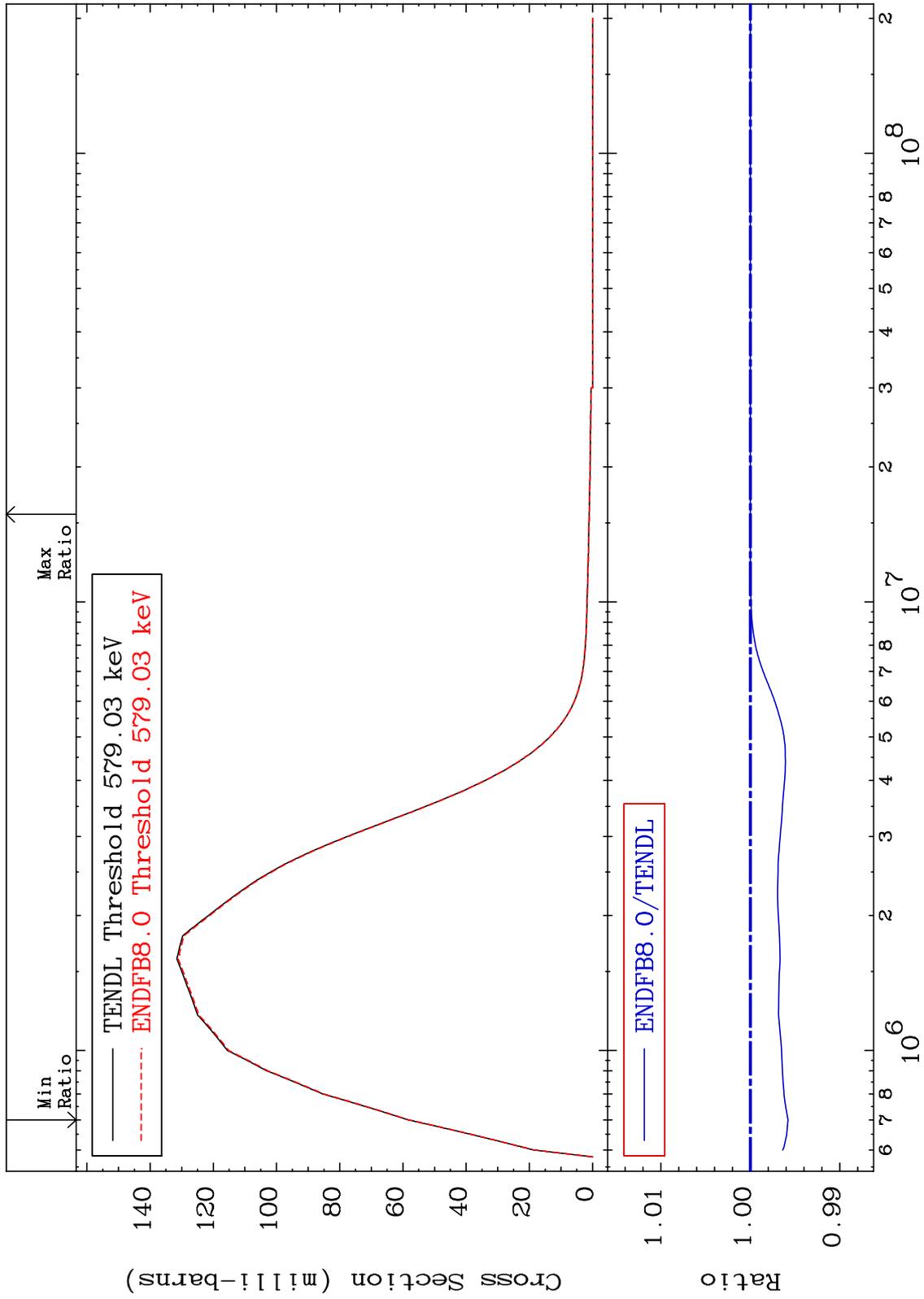
MAT 8228 MT= 51 (n, n') Level Cross Section 82-Pb-205
 -13.36 To 0.000 %



MAT 8228 MT= 52 (n,n') Level Cross Section 82-Pb-205
 -0.578 To 0.000 %



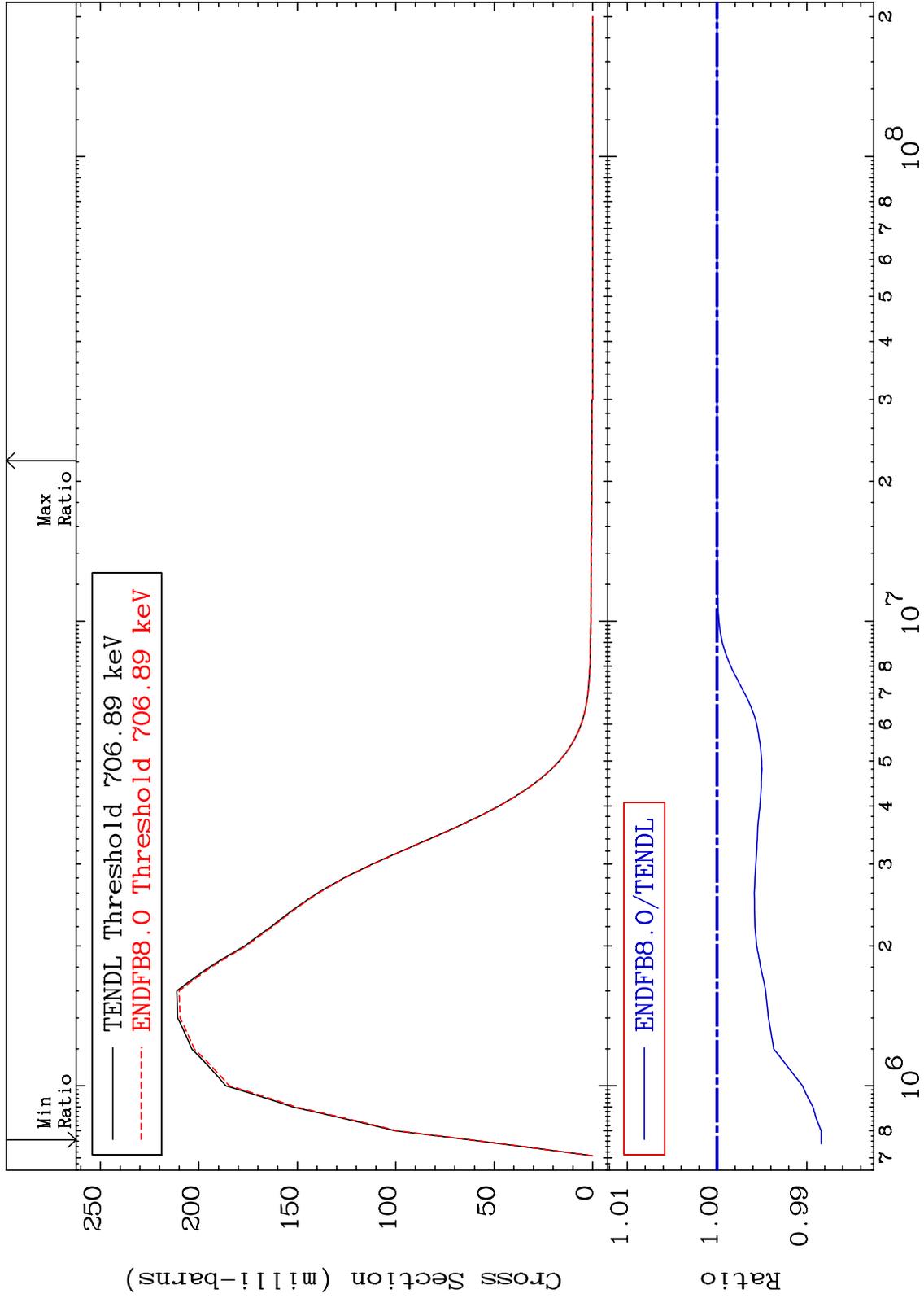
MAT 8228 MT= 53 (n, n') Level 82-Pb-205
 Cross Section -0.421 To 0.000 %



MAT 8228

MT= 54 (n,n') Level
Cross Section

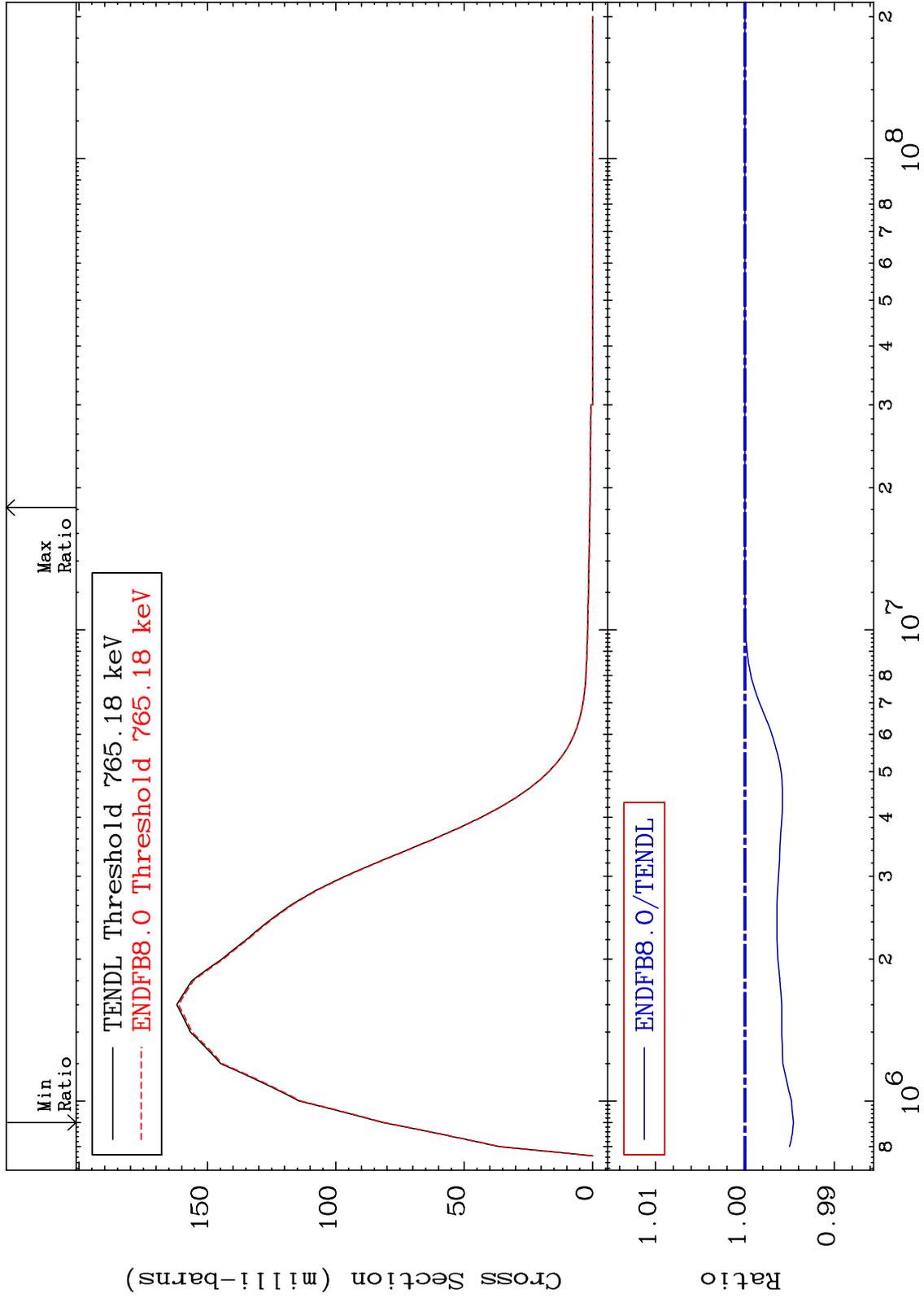
82-Pb-205
-1.162 To 0.000 %



MAT 8228

MT= 55 (n,n') Level
Cross Section

82-Pb-205
-0.544 To 0.000 %



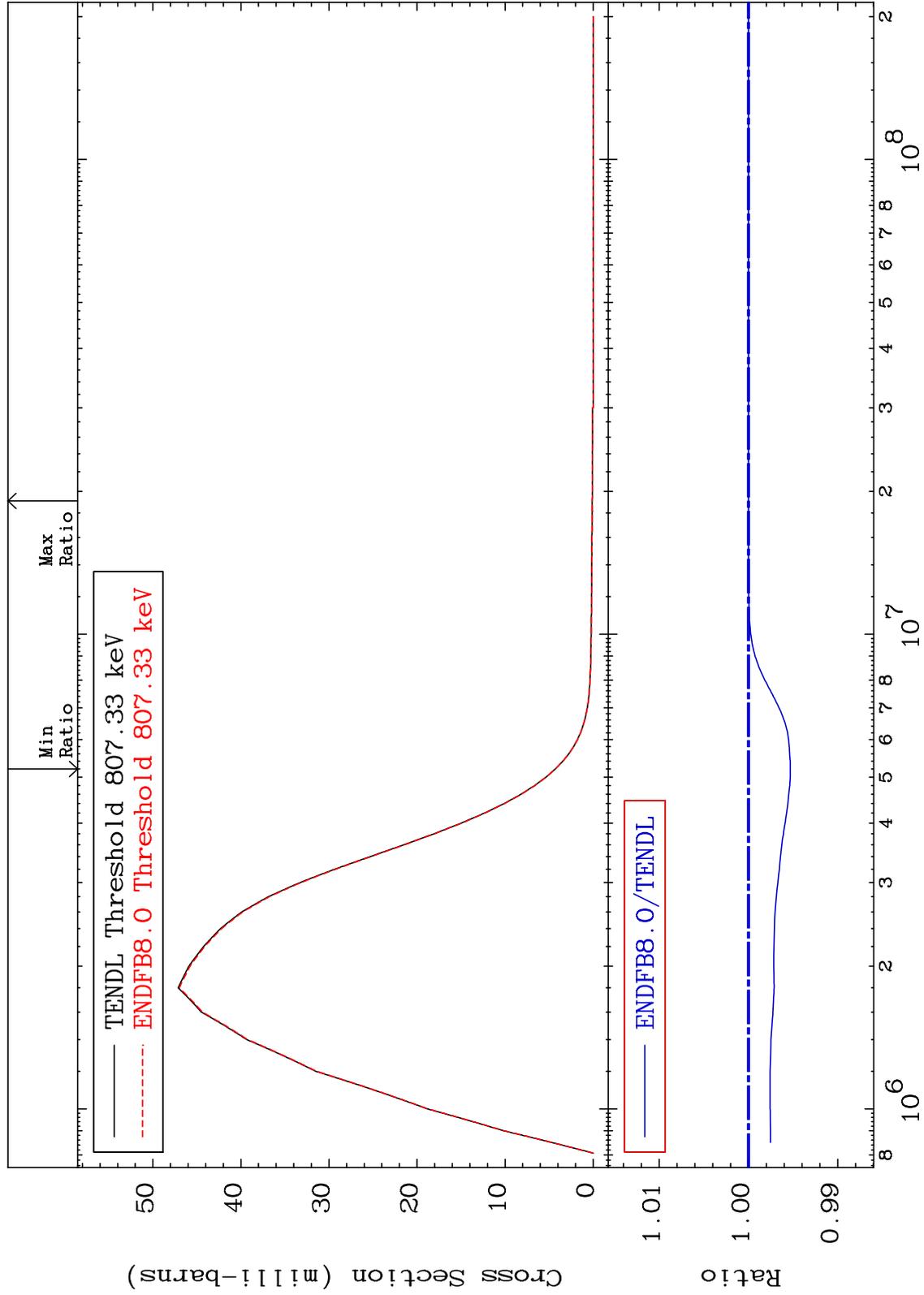
MAT 8228

MT= 56 (n,n') Level

82-Pb-205

-0.470 To 0.000 %

Cross Section



24

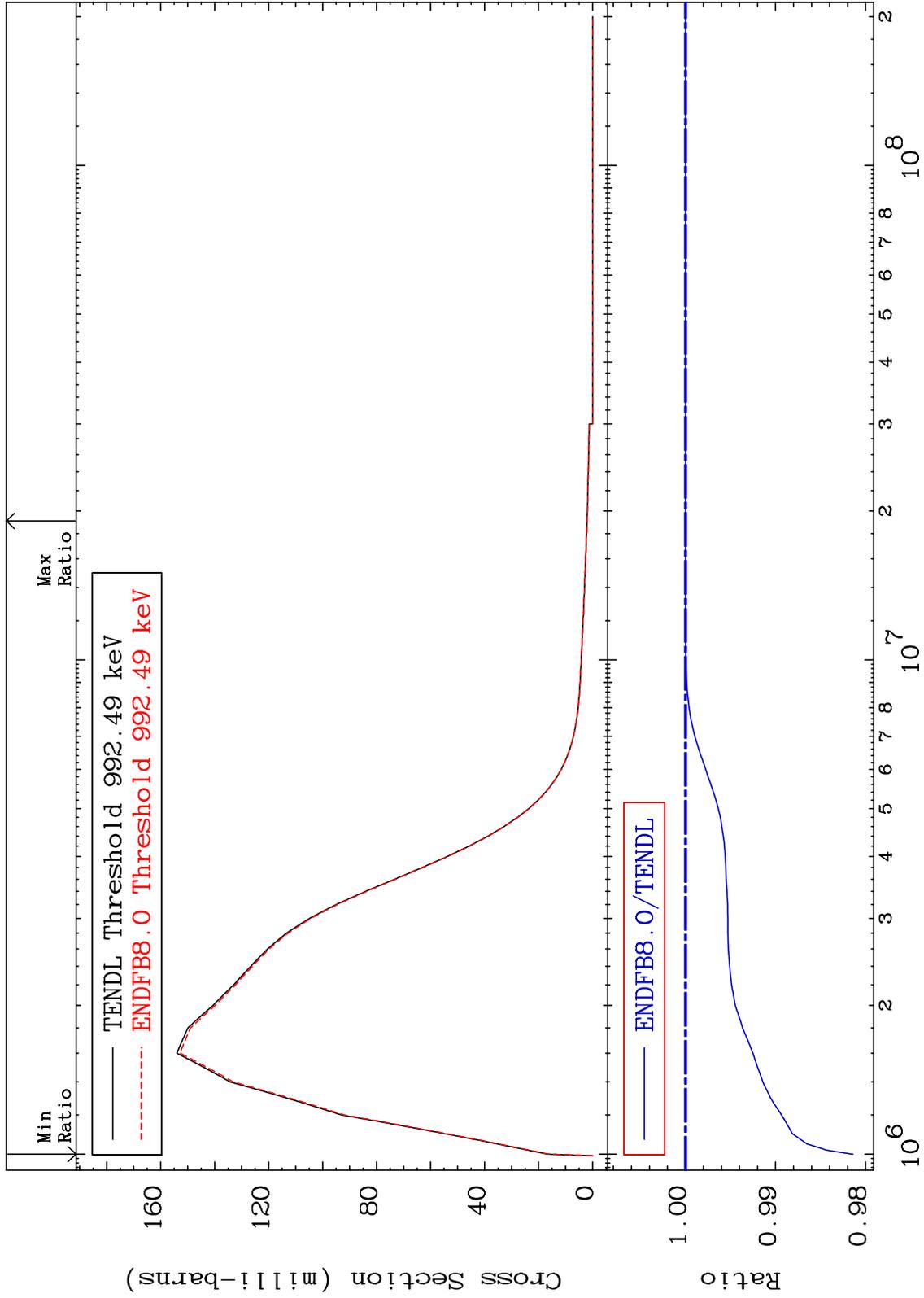
Incident Energy (eV)

82-Pb-205

MAT 8228

MT= 57 (n,n') Level
Cross Section

82-Pb-205
-1.859 To 0.000 %



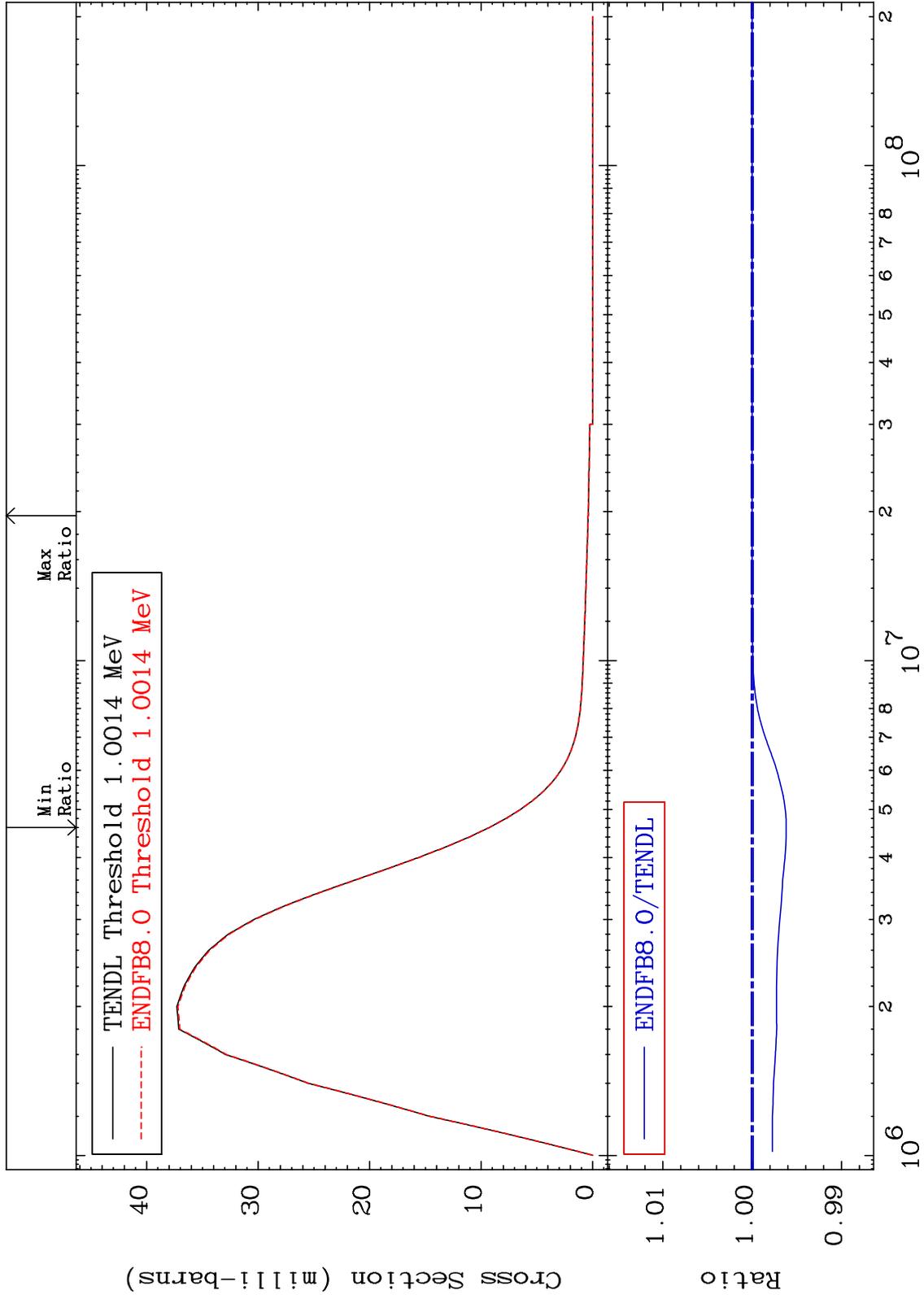
25

82-Pb-205

MAT 8228

MT= 58 (n,n') Level
Cross Section

82-Pb-205
-0.380 To 0.000 %



82-Pb-205

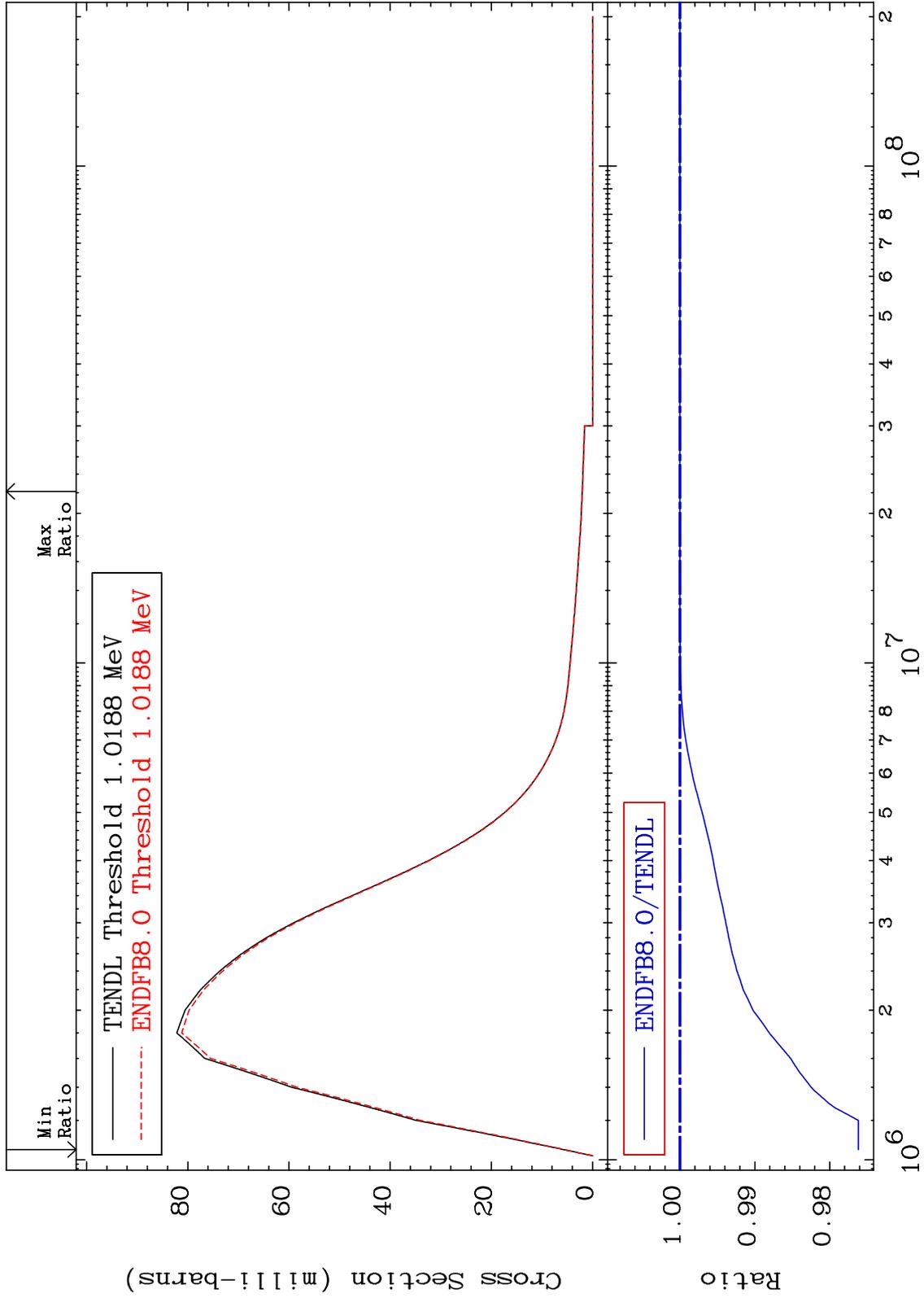
Incident Energy (eV)

26

MAT 8228

MT= 59 (n,n') Level
Cross Section

82-Pb-205
-2.383 To 0.000 %



27

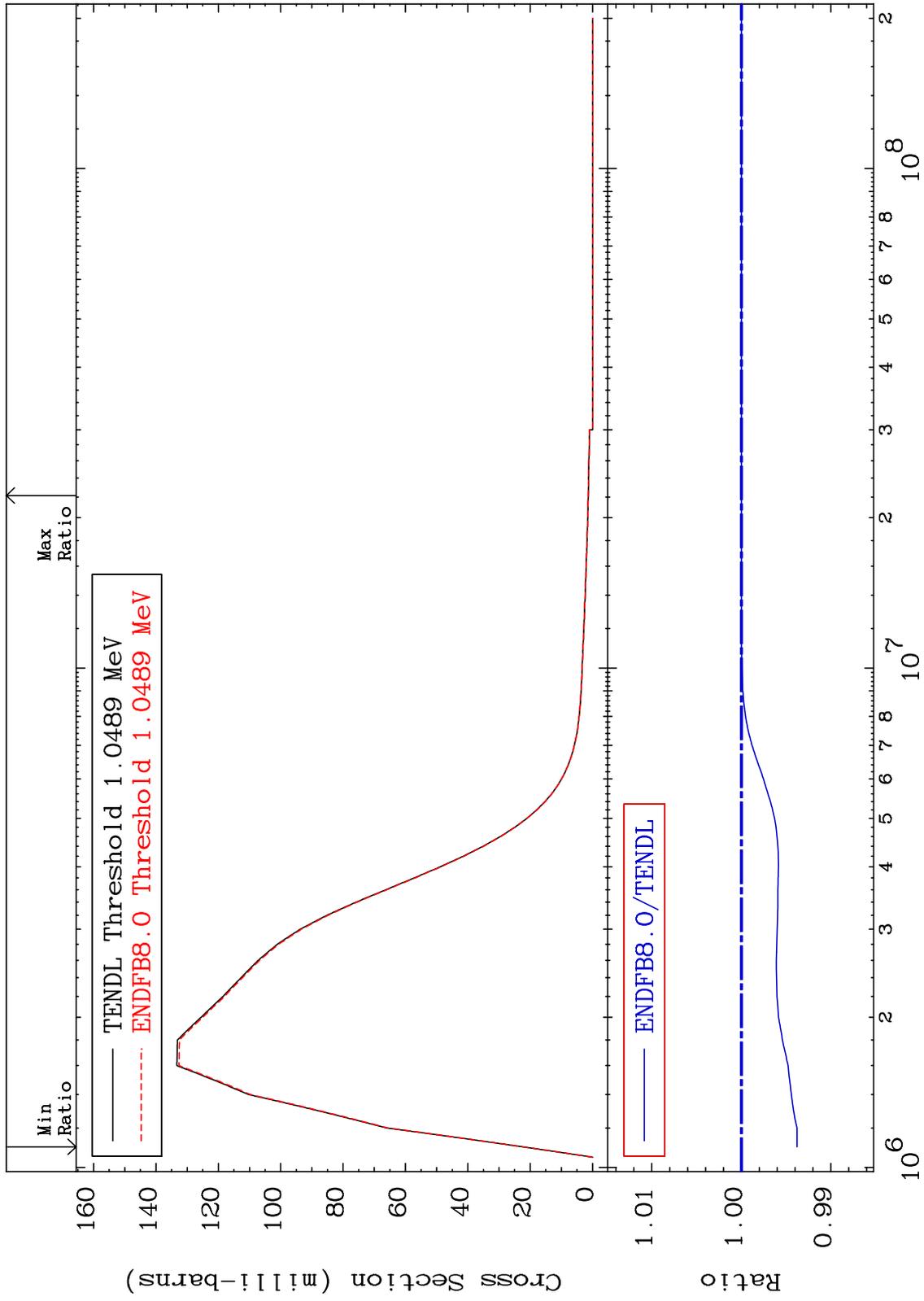
Incident Energy (eV)

82-Pb-205

MAT 8228

MT= 60 (n,n') Level
Cross Section

82-Pb-205
-0.622 To 0.000 %



28

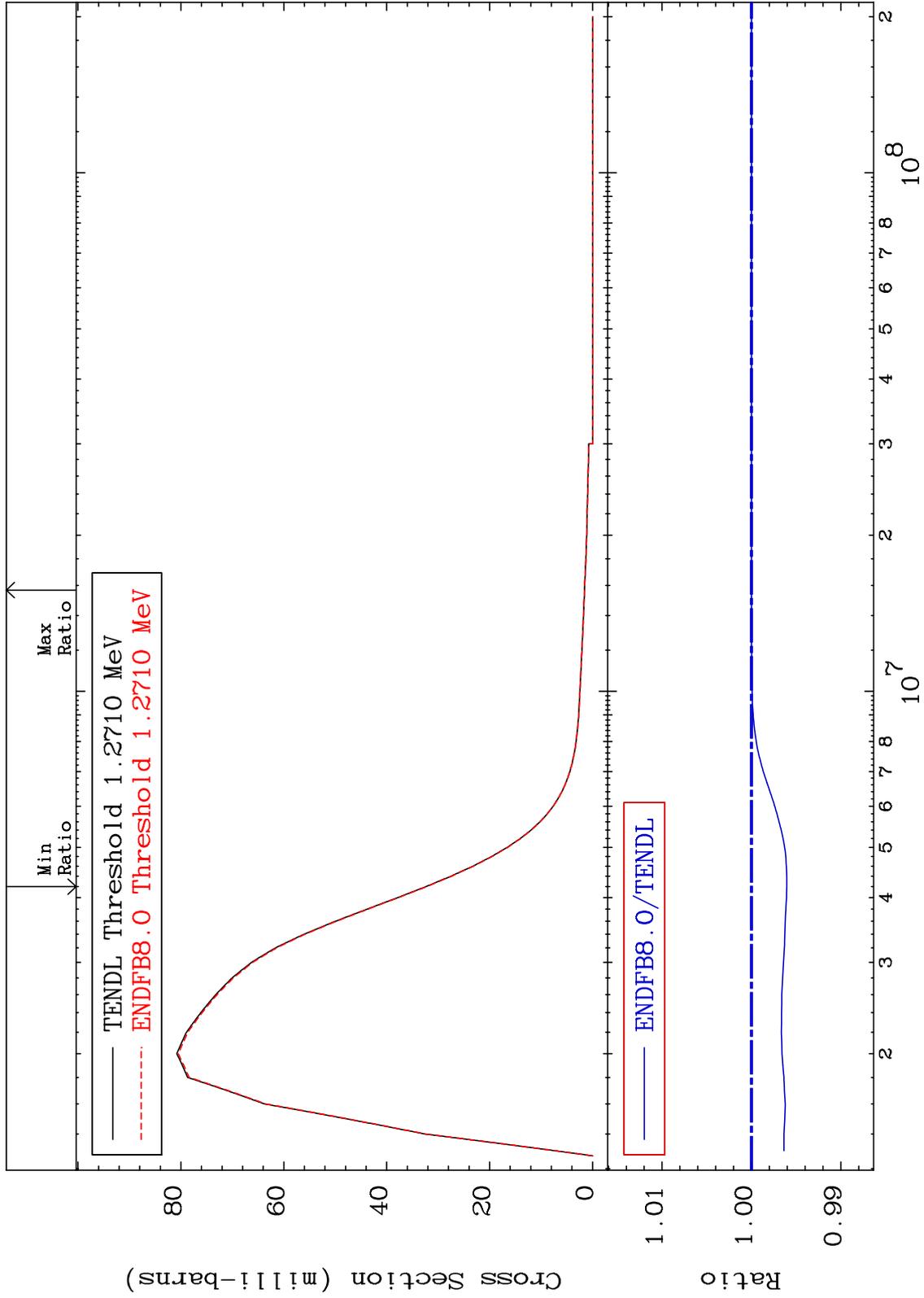
Incident Energy (eV)

82-Pb-205

MAT 8228

MT= 61 (n,n') Level
Cross Section

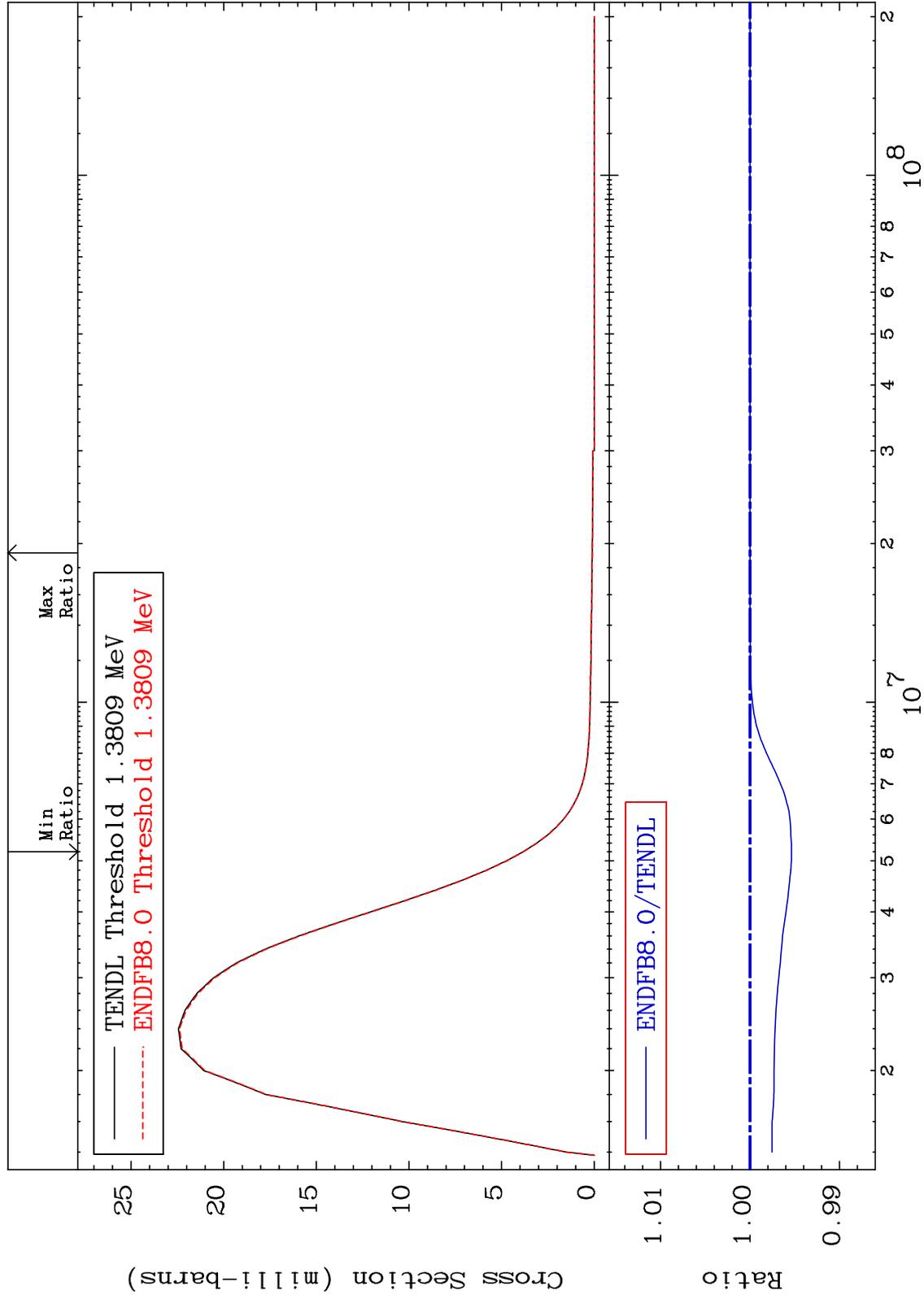
82-Pb-205
-0.396 To 0.000 %



MAT 8228

MT= 62 (n, n') Level
Cross Section

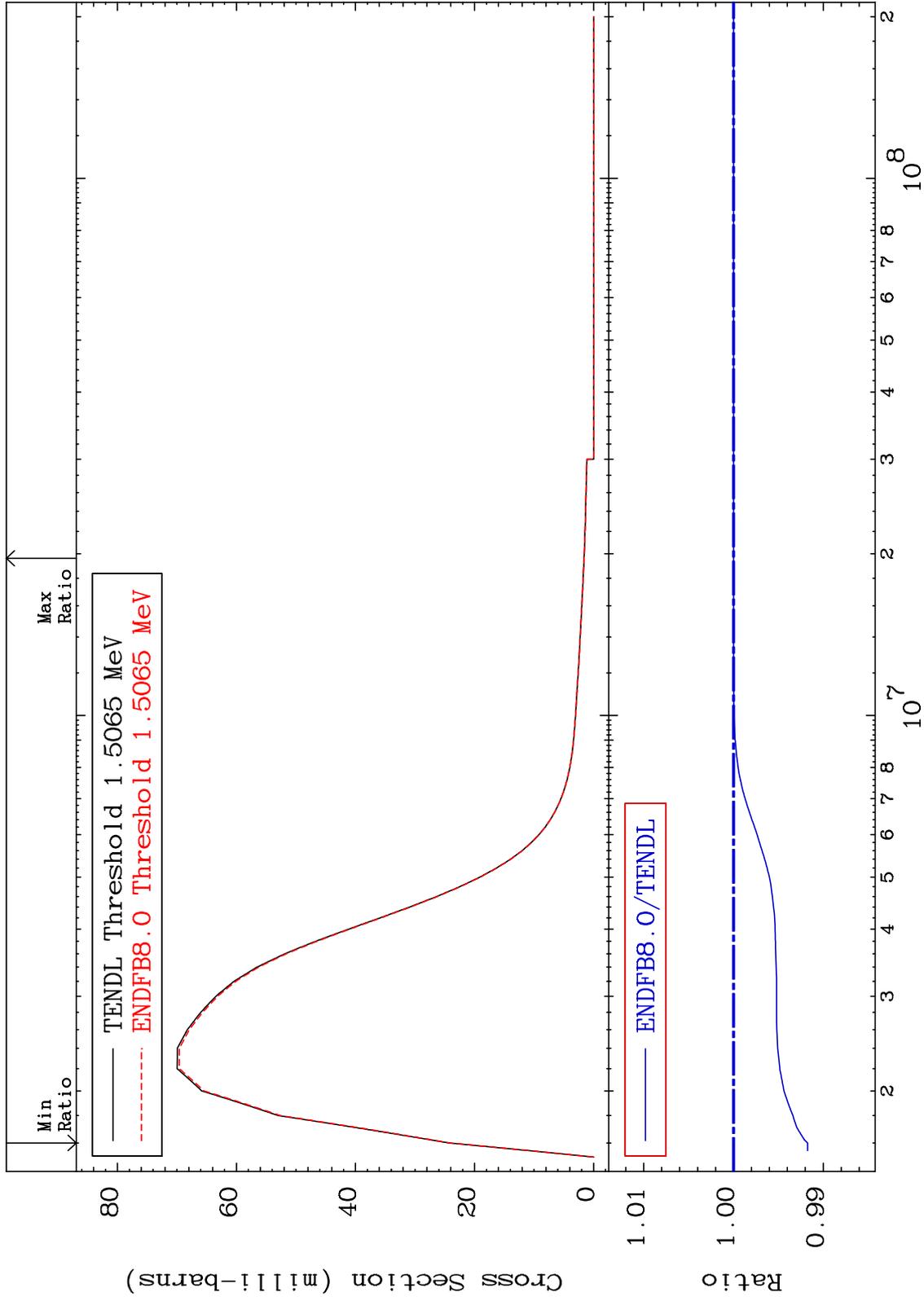
82-Pb-205
-0.465 To 0.000 %



MAT 8228

MT= 63 (n,n') Level
Cross Section

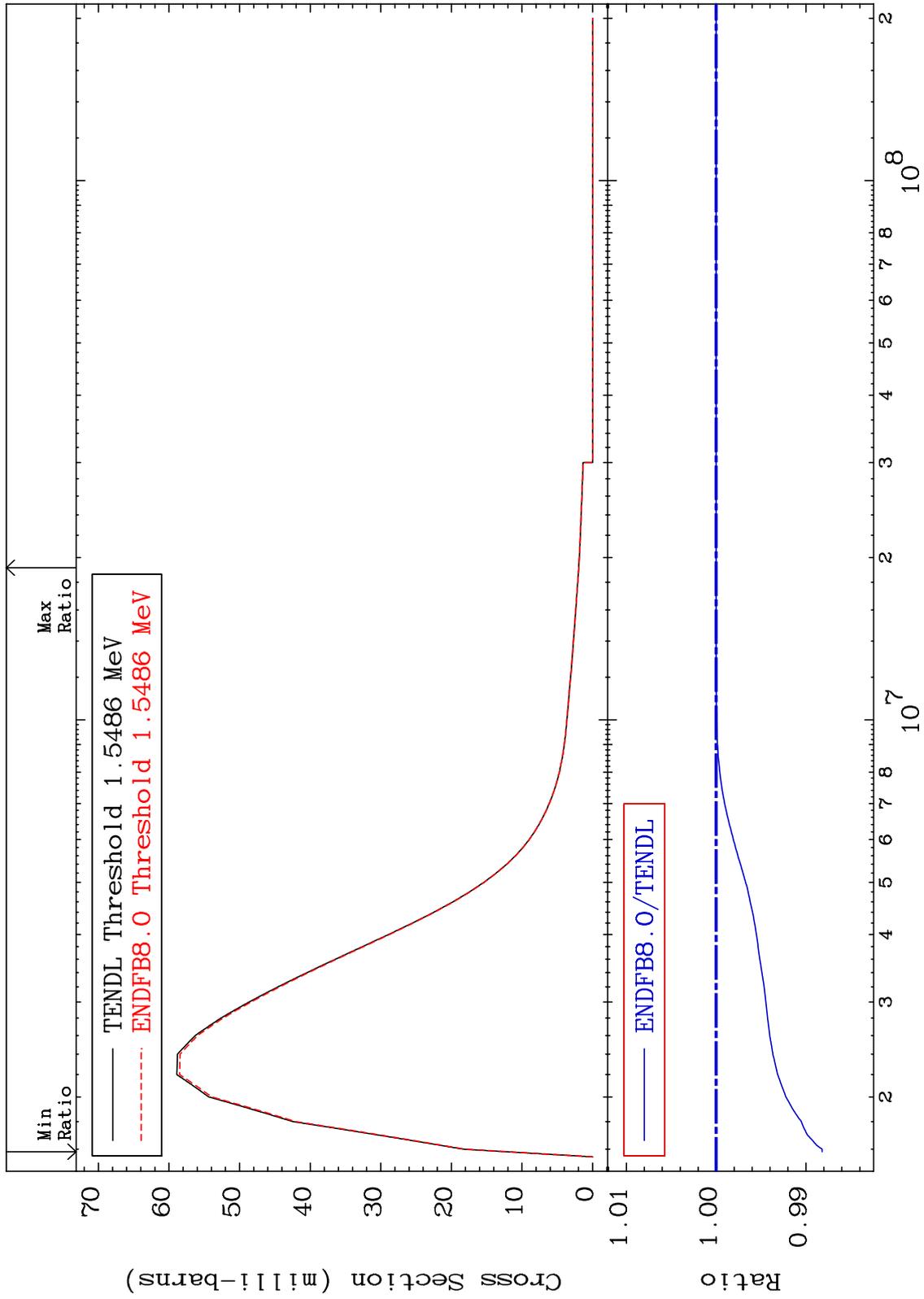
82-Pb-205
-0.825 To 0.000 %



MAT 8228

MT= 64 (n,n') Level
Cross Section

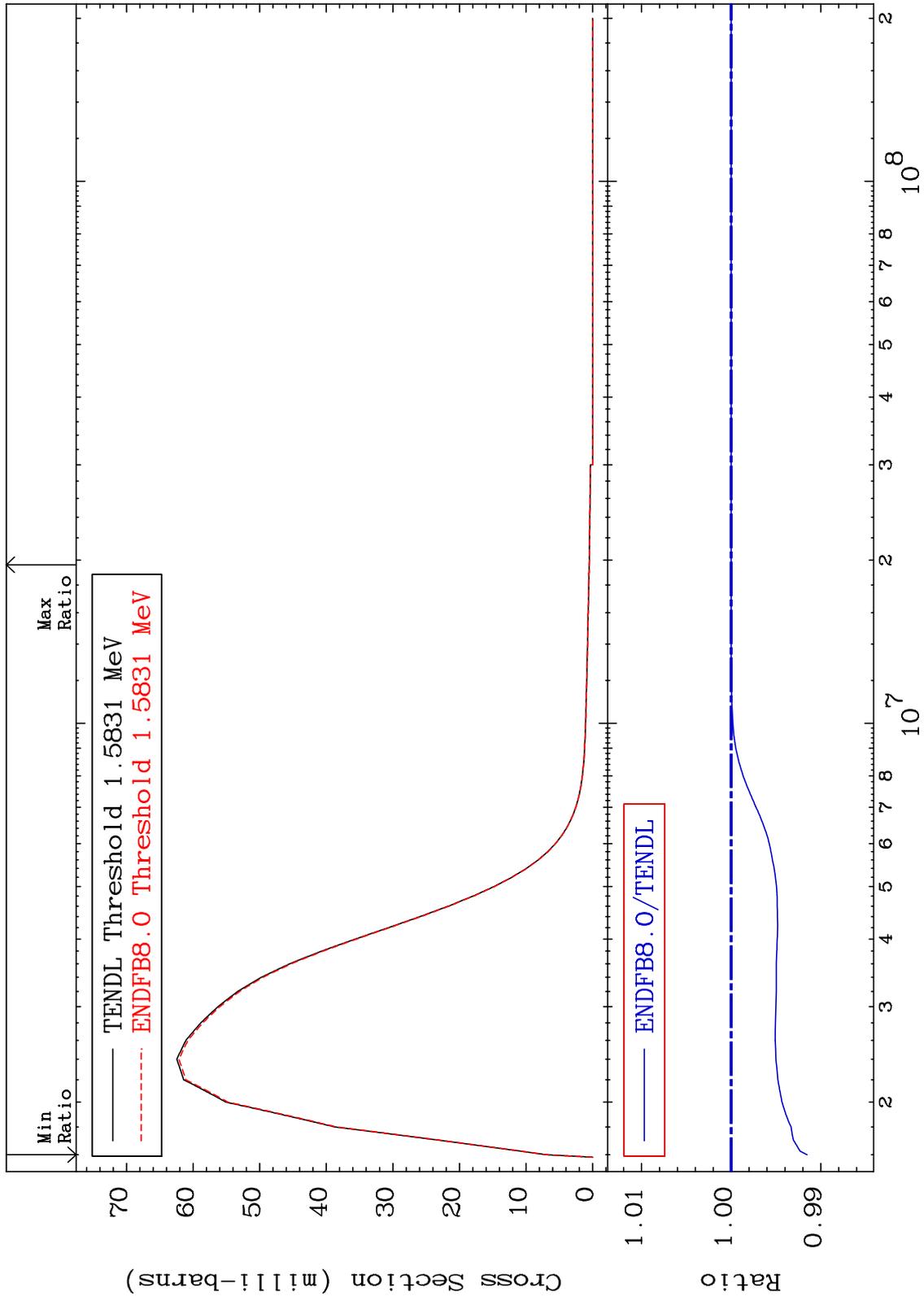
82-Pb-205
-1.181 To 0.000 %



MAT 8228

MT= 65 (n,n') Level
Cross Section

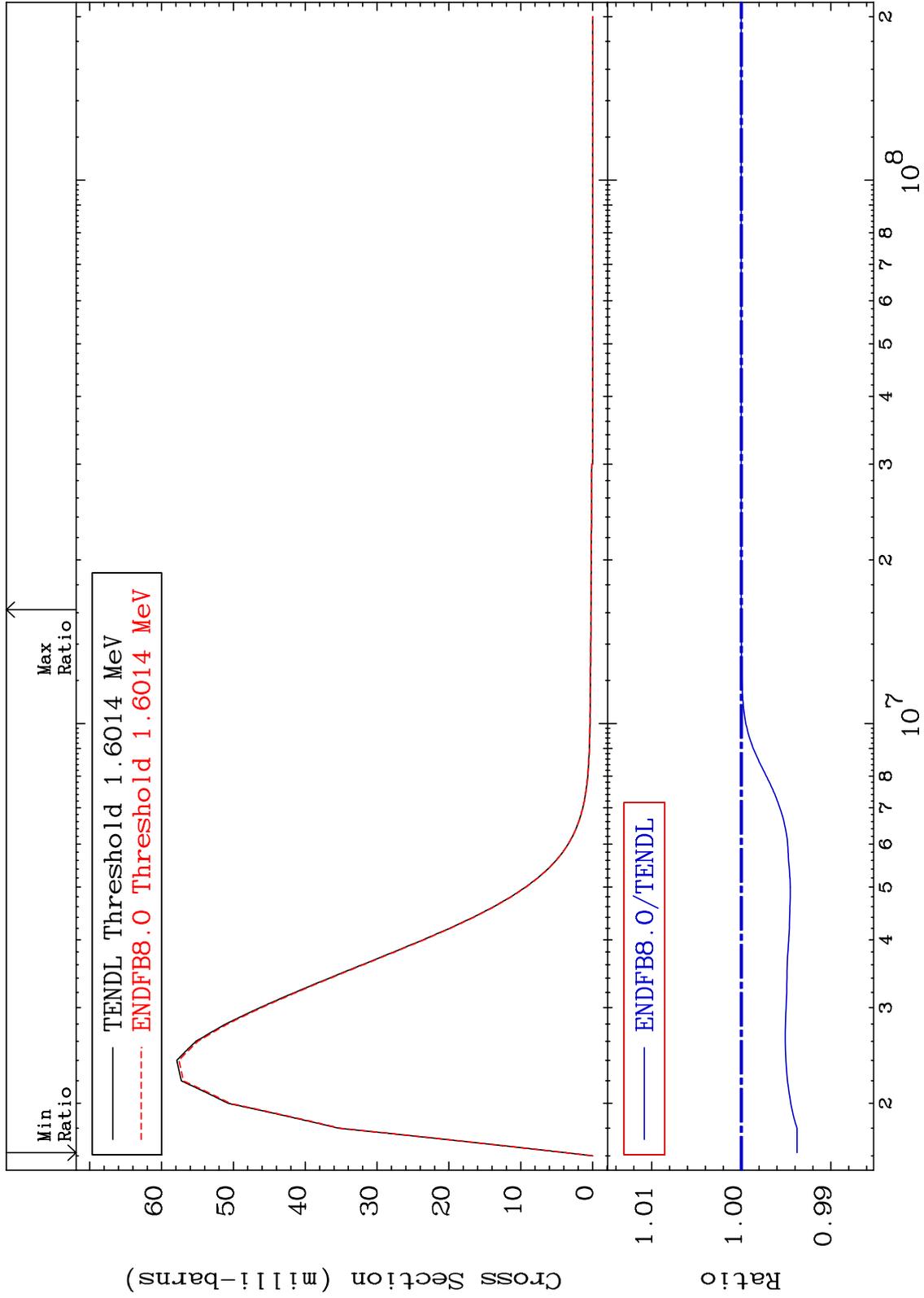
82-Pb-205
-0.848 To 0.000 %



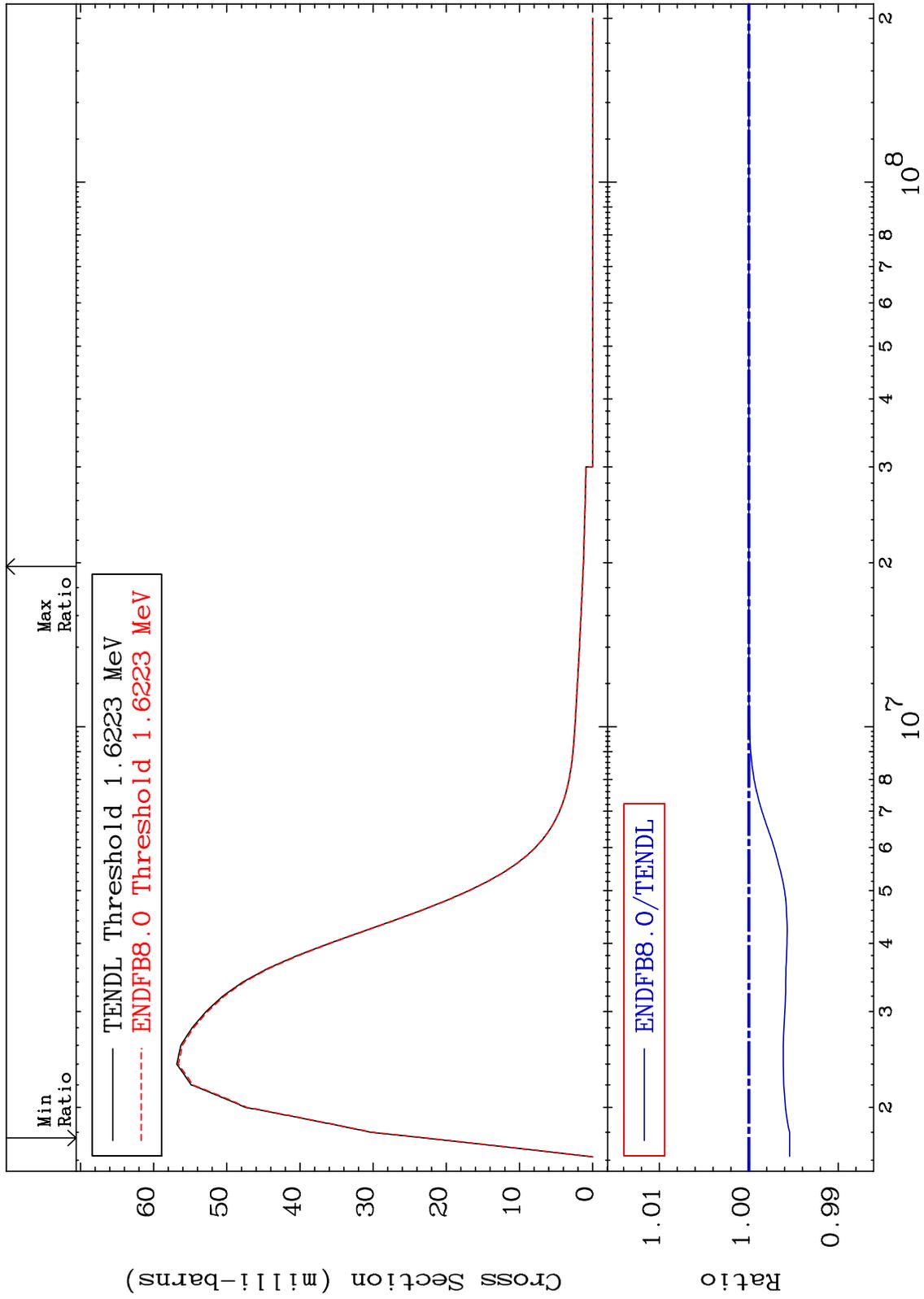
MAT 8228

MT= 66 (n,n') Level
Cross Section

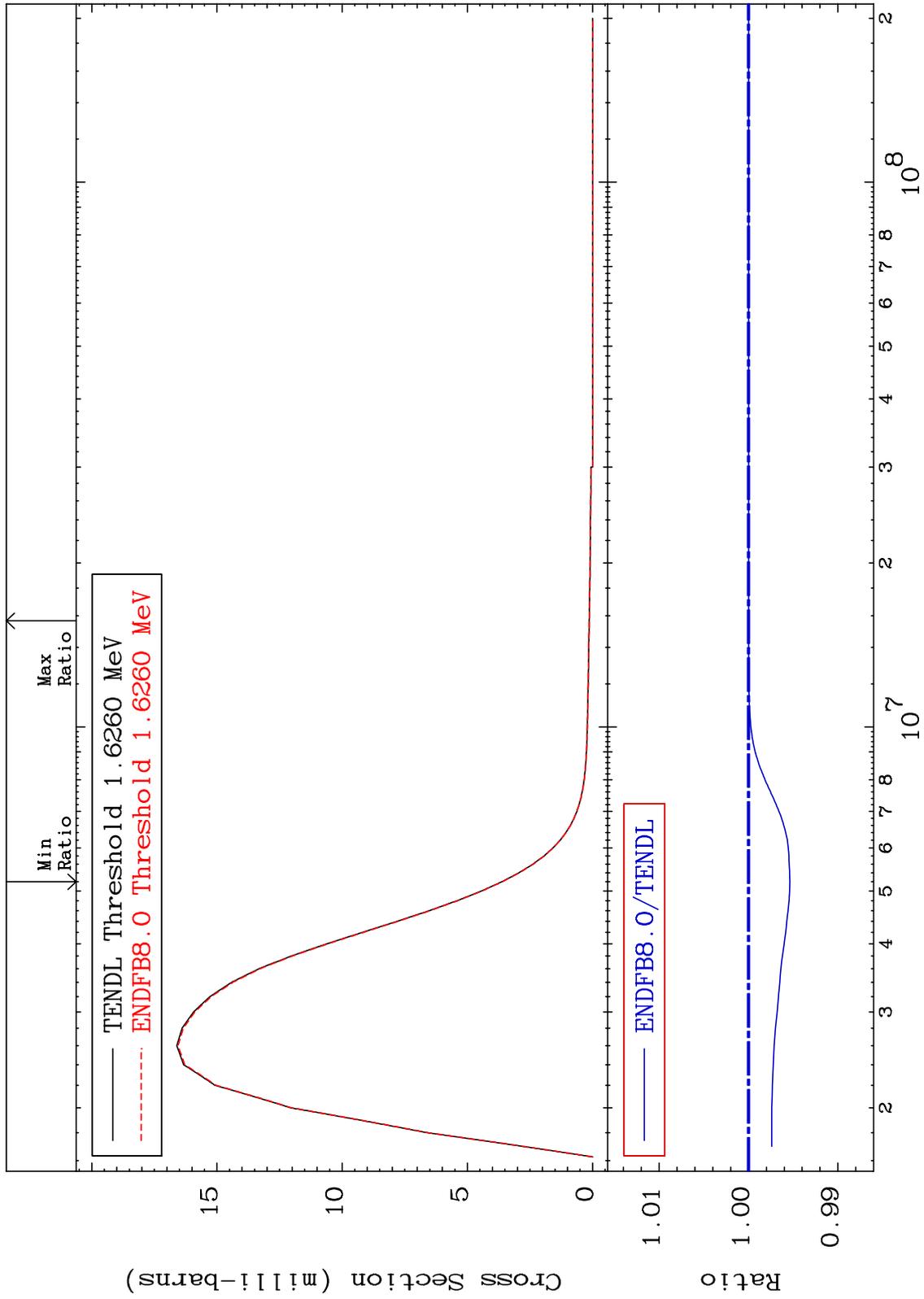
82-Pb-205
-0.623 To 0.000 %



MAT 8228 MT= 67 (n,n') Level Cross Section 82-Pb-205
 -0.457 To 0.000 %



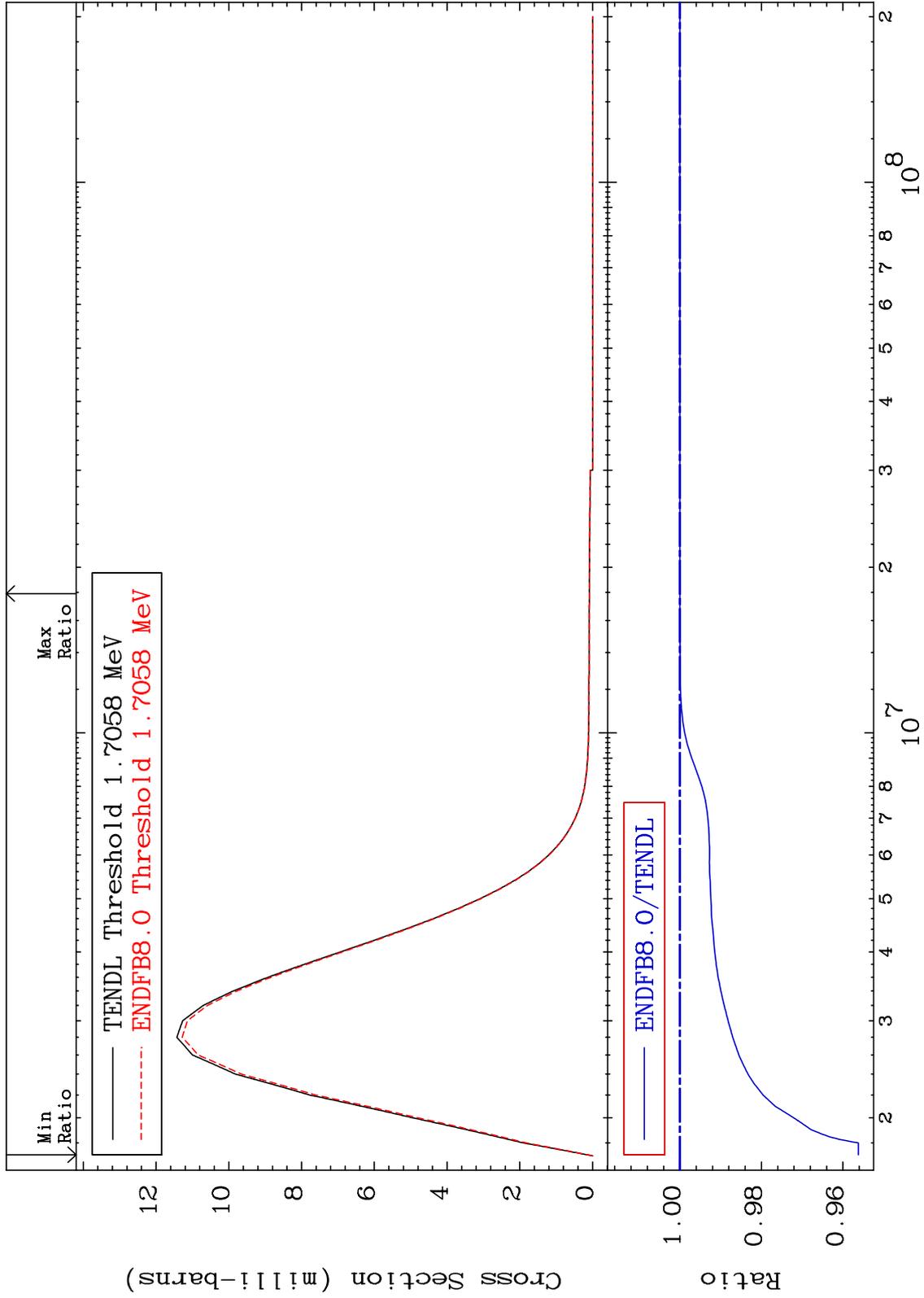
MAT 8228 MT= 68 (n,n') Level Cross Section 82-Pb-205
 -0.462 To 0.000 %



MAT 8228

MT= 69 (n,n') Level
Cross Section

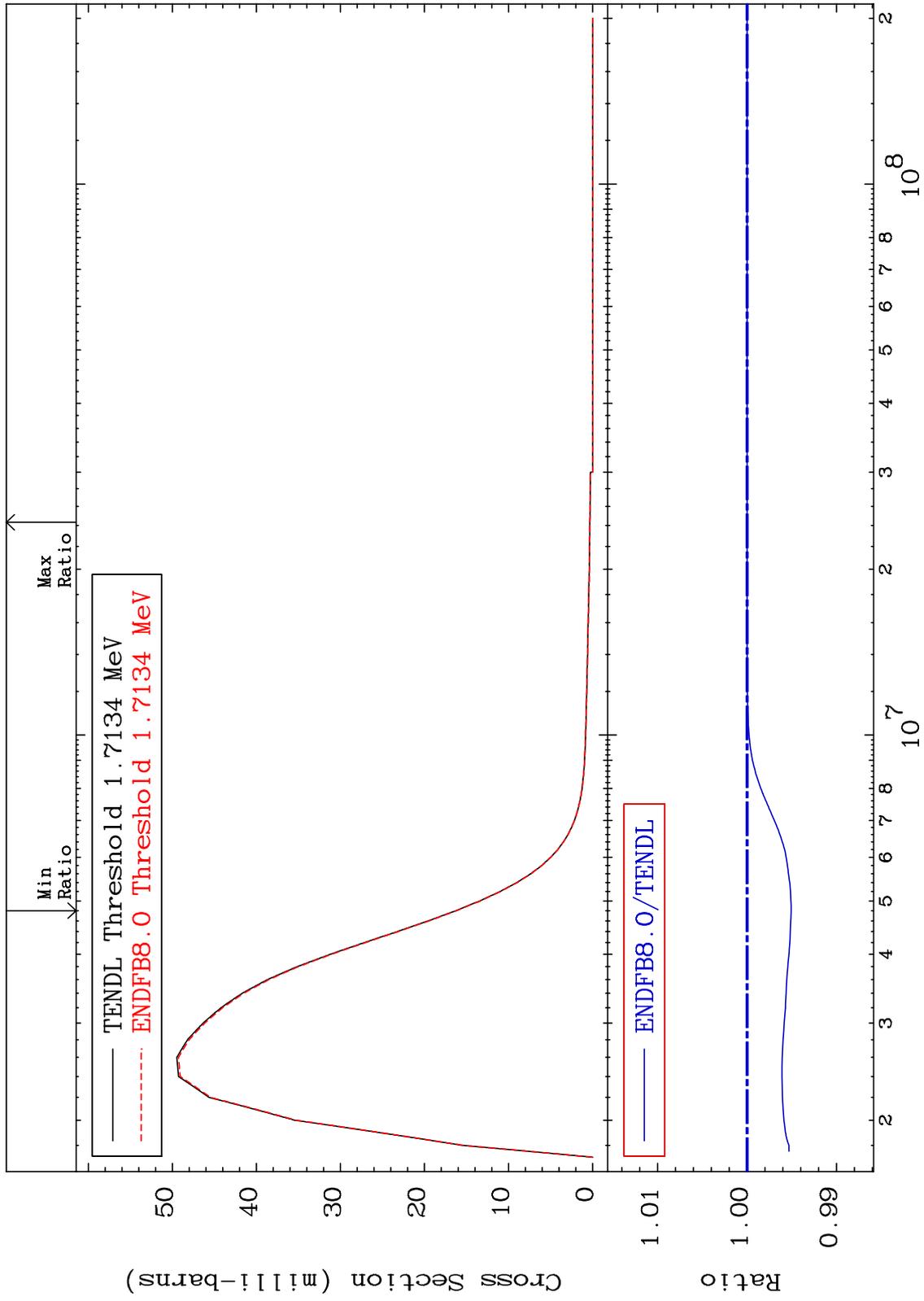
82-Pb-205
-4.379 To 0.000 %



MAT 8228

MT= 70 (n,n') Level
Cross Section

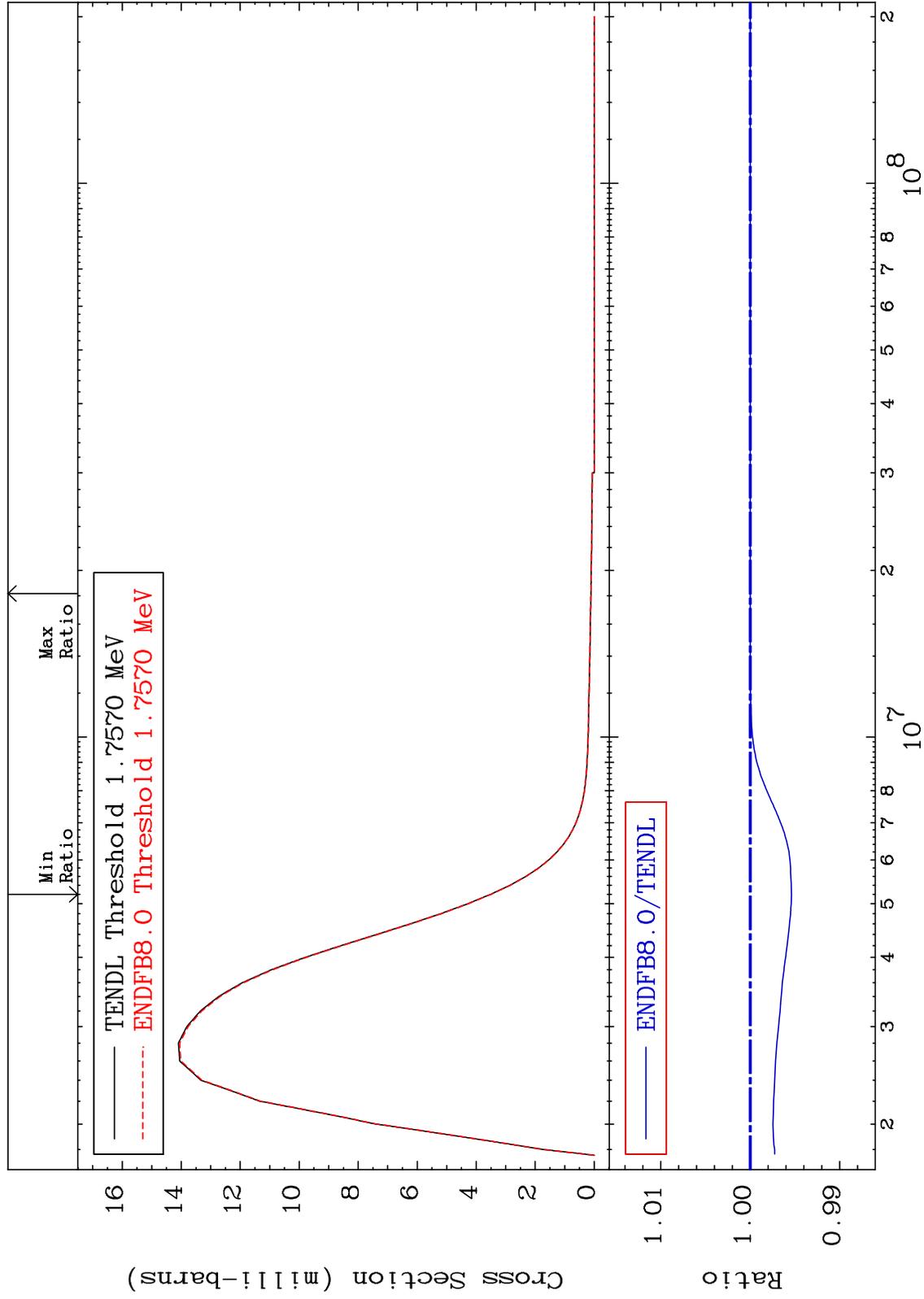
82-Pb-205
-0.492 To 0.000 %



MAT 8228

MT= 71 (n,n') Level
Cross Section

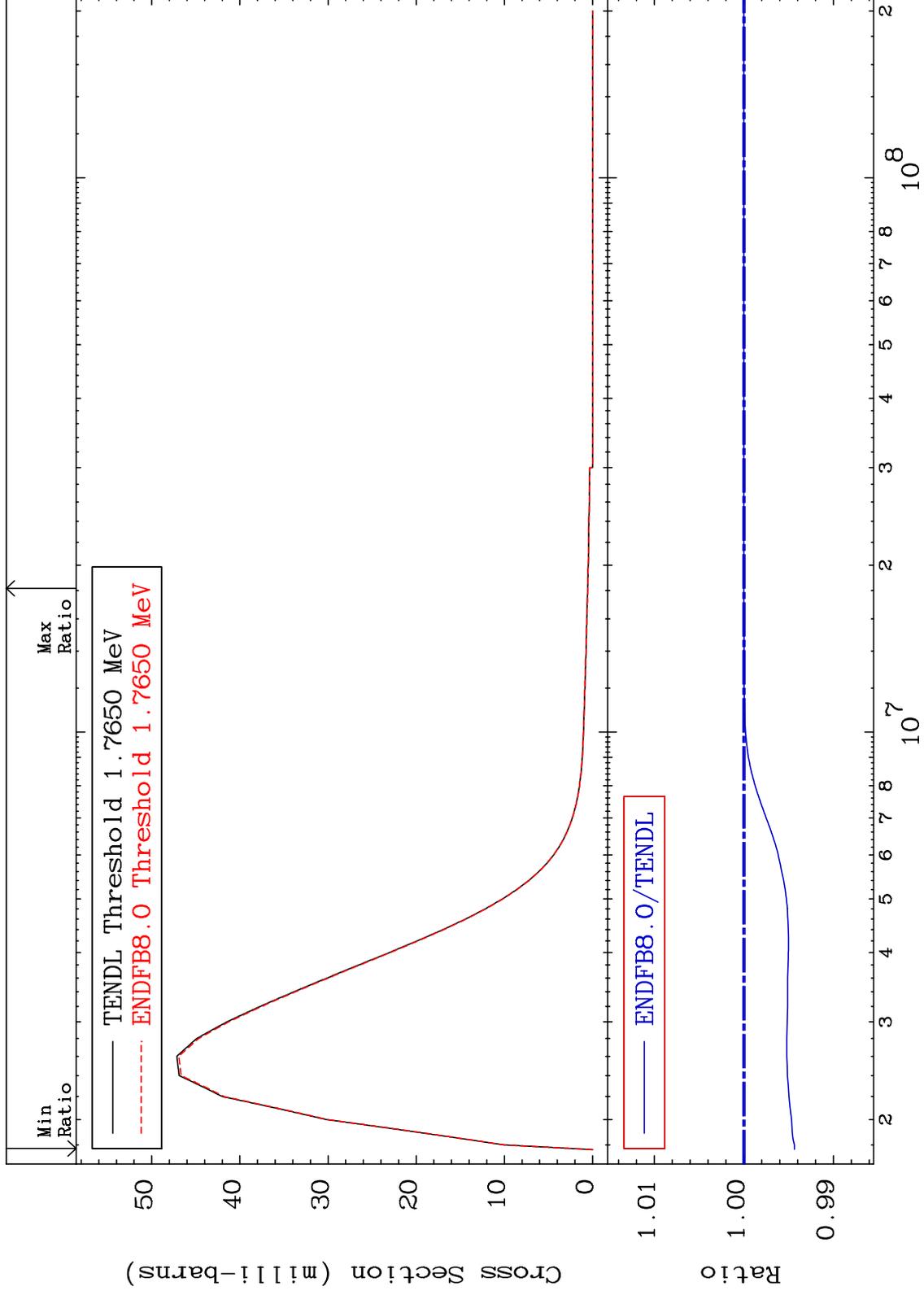
82-Pb-205
-0.461 To 0.000 %



MAT 8228

MT= 72 (n,n') Level
Cross Section

82-Pb-205
-0.565 To 0.000 %



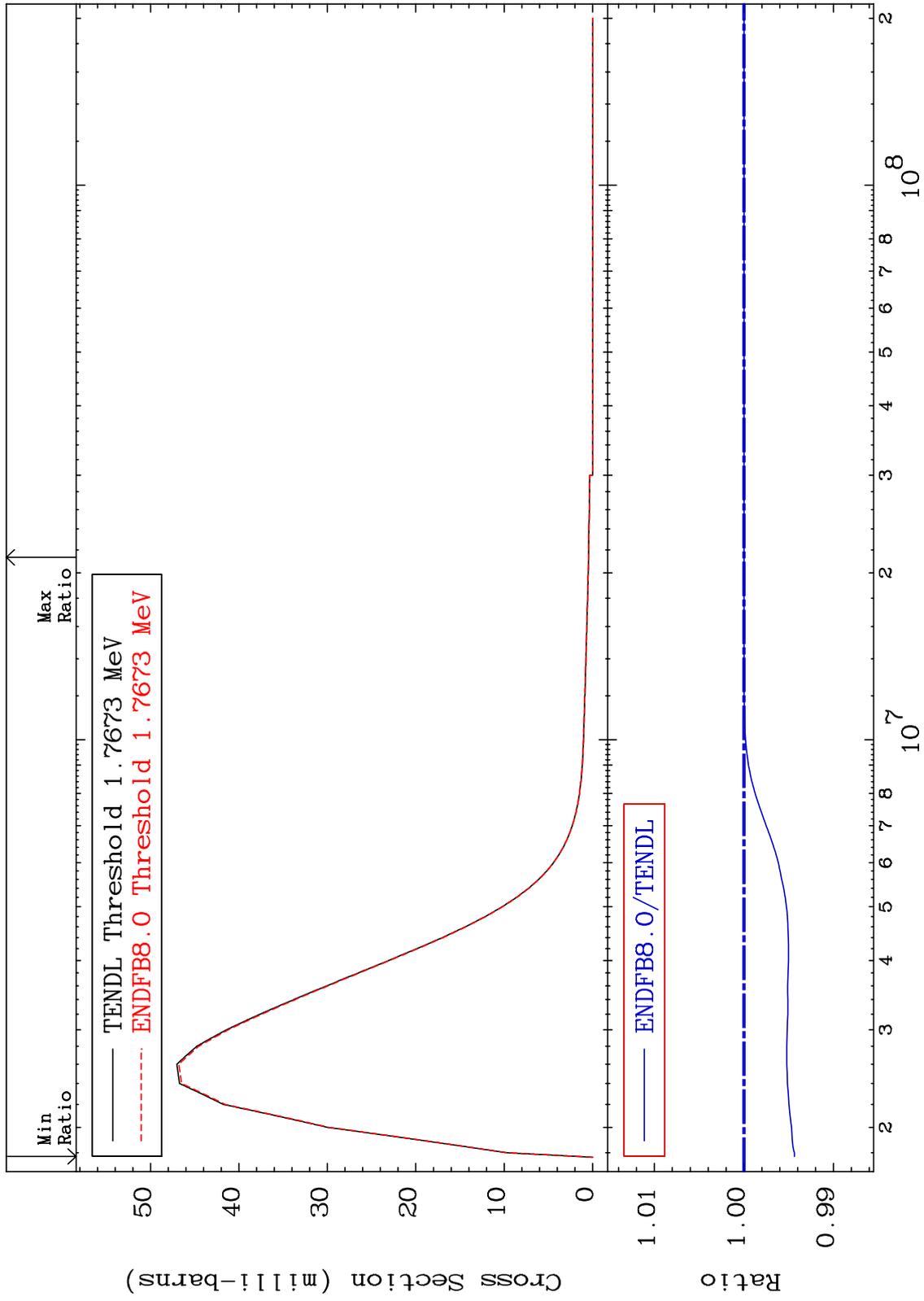
40

82-Pb-205

MAT 8228

MT= 73 (n,n') Level
Cross Section

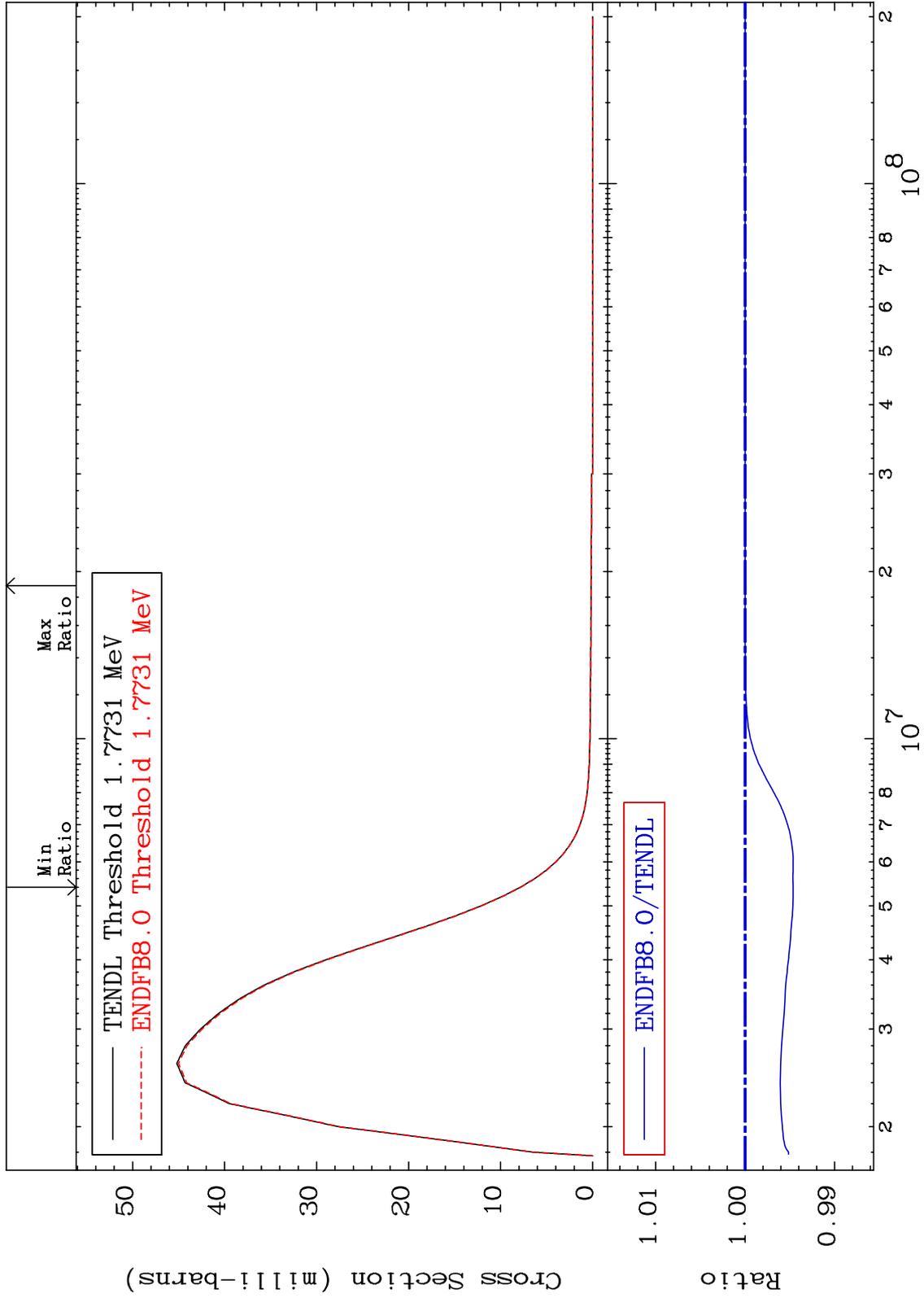
82-Pb-205
-0.564 To 0.000 %



MAT 8228

MT= 74 (n,n') Level
Cross Section

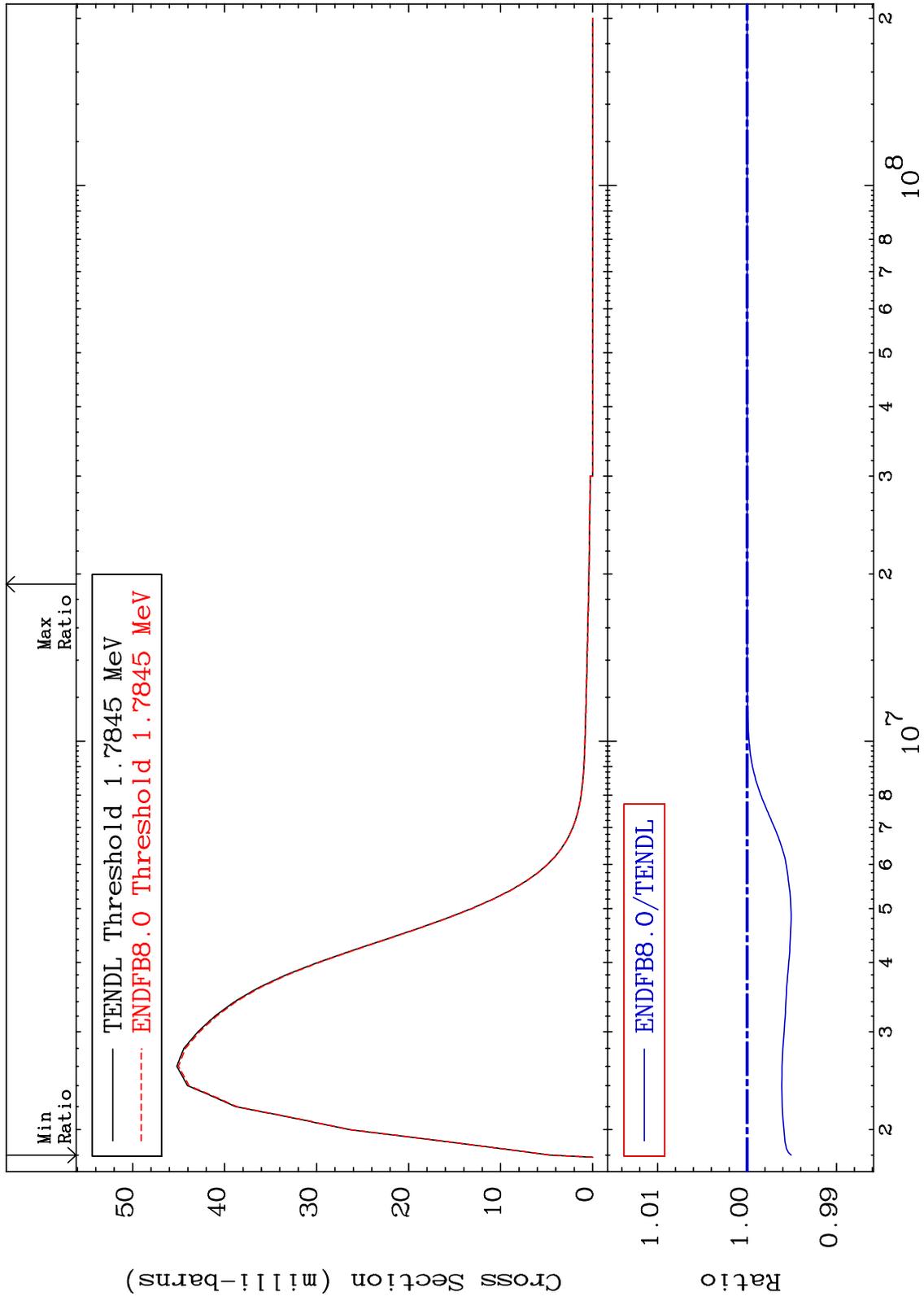
82-Pb-205
-0.537 To 0.000 %



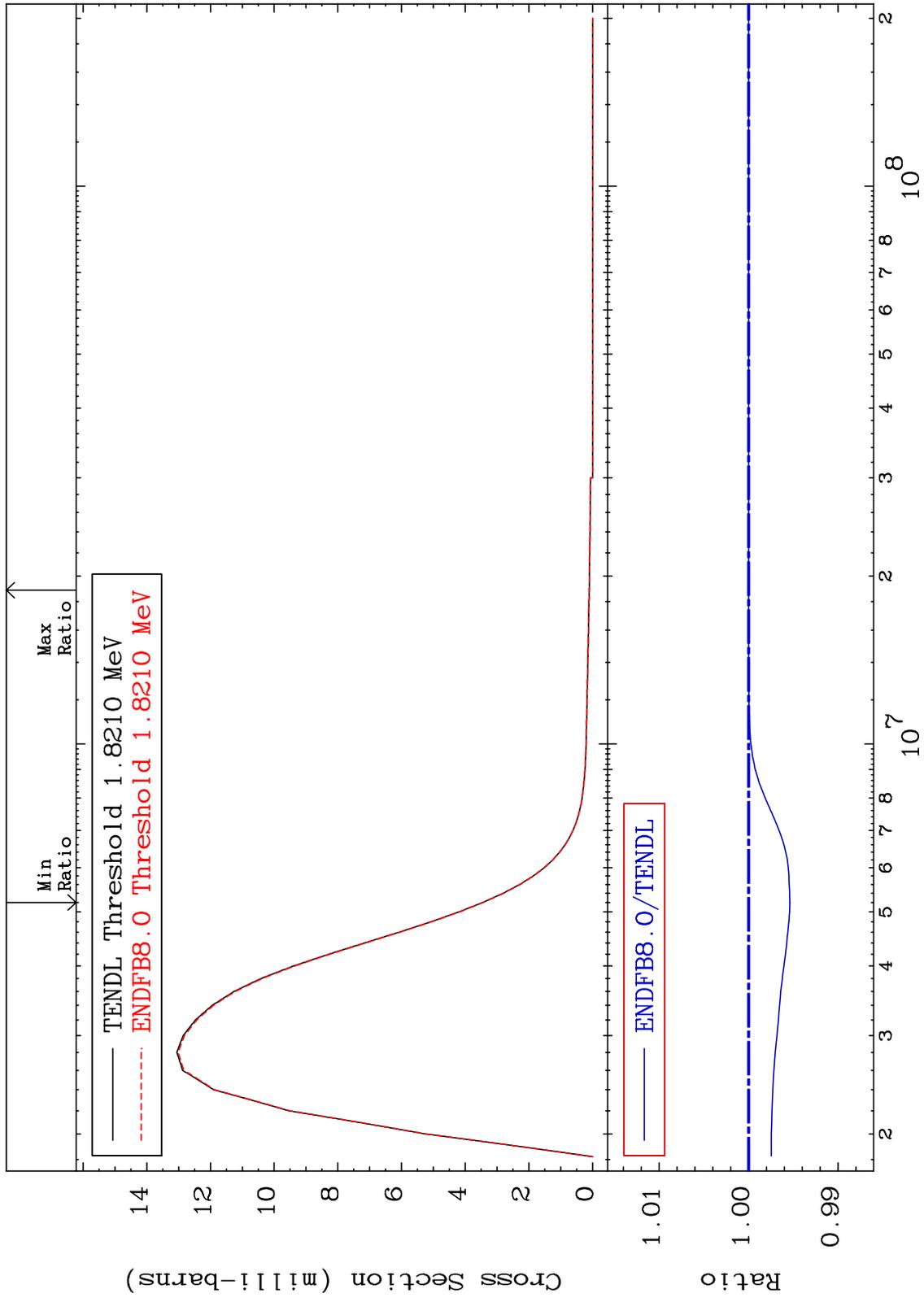
MAT 8228

MT= 75 (n,n') Level
Cross Section

82-Pb-205
-0.493 To 0.000 %



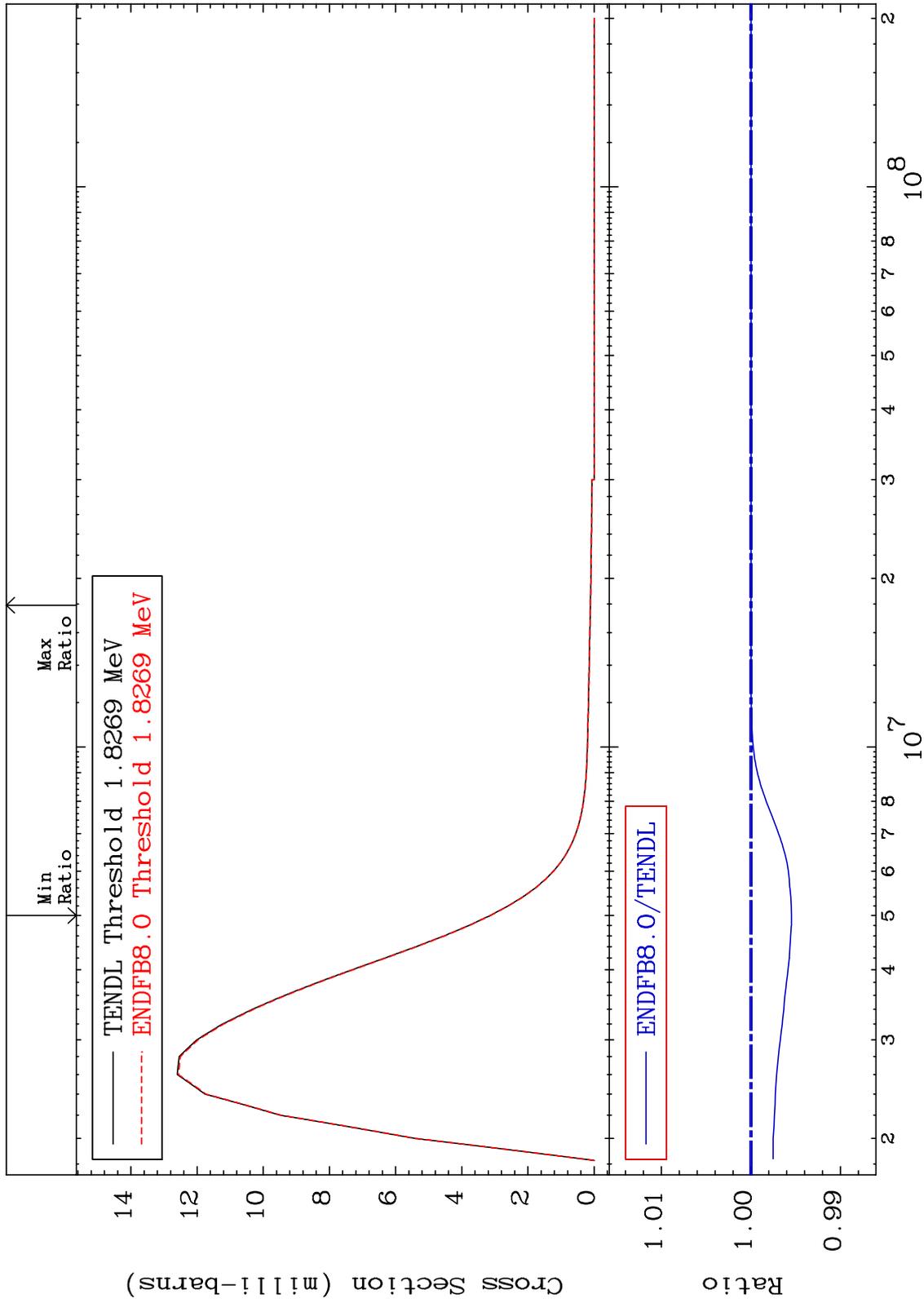
MAT 8228 MT= 76 (n,n') Level Cross Section -0.461 To 0.000 % 82-Pb-205



MAT 8228

MT= 77 (n,n') Level
Cross Section

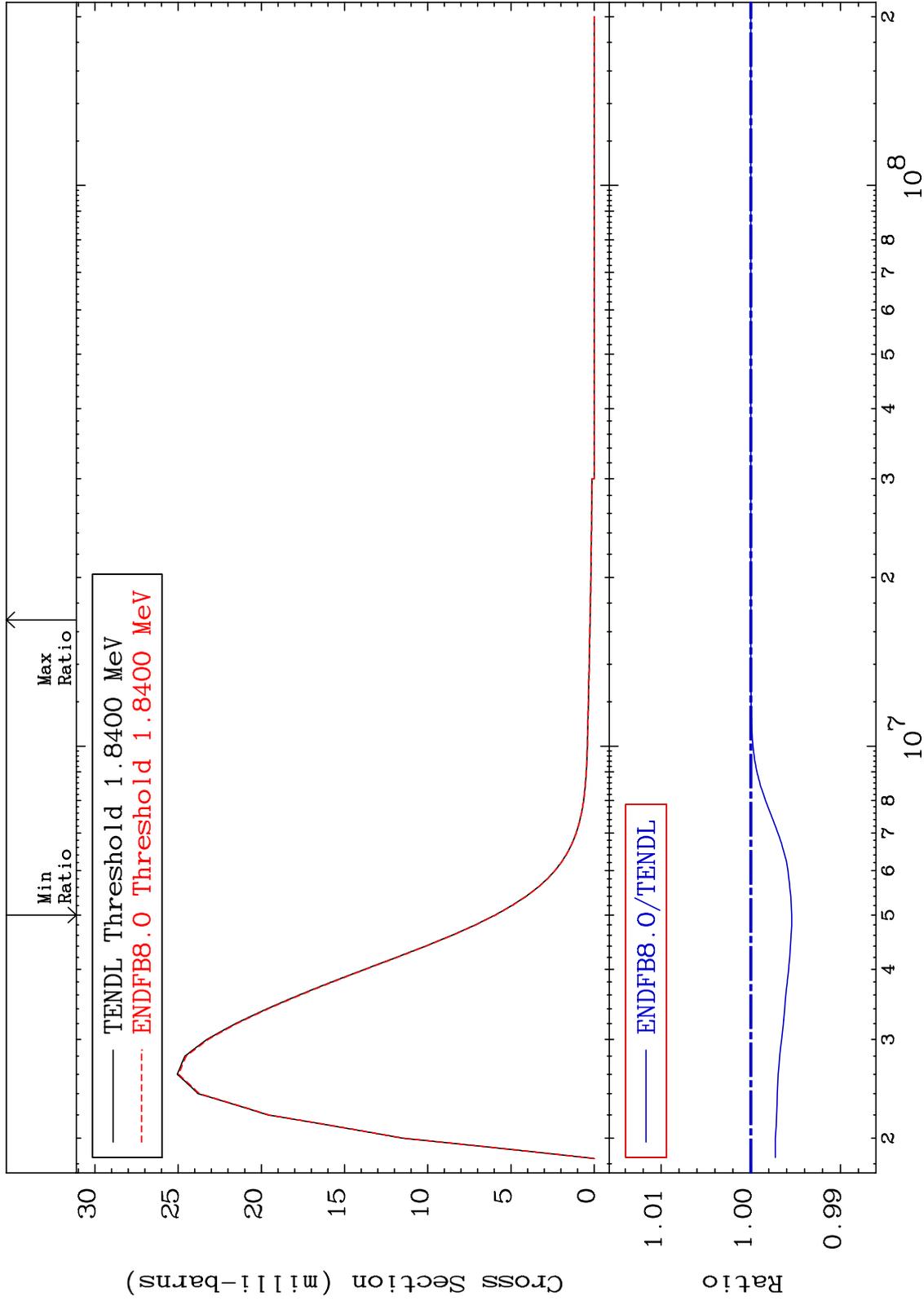
82-Pb-205
-0.453 To 0.000 %



MAT 8228

MT= 78 (n,n') Level
Cross Section

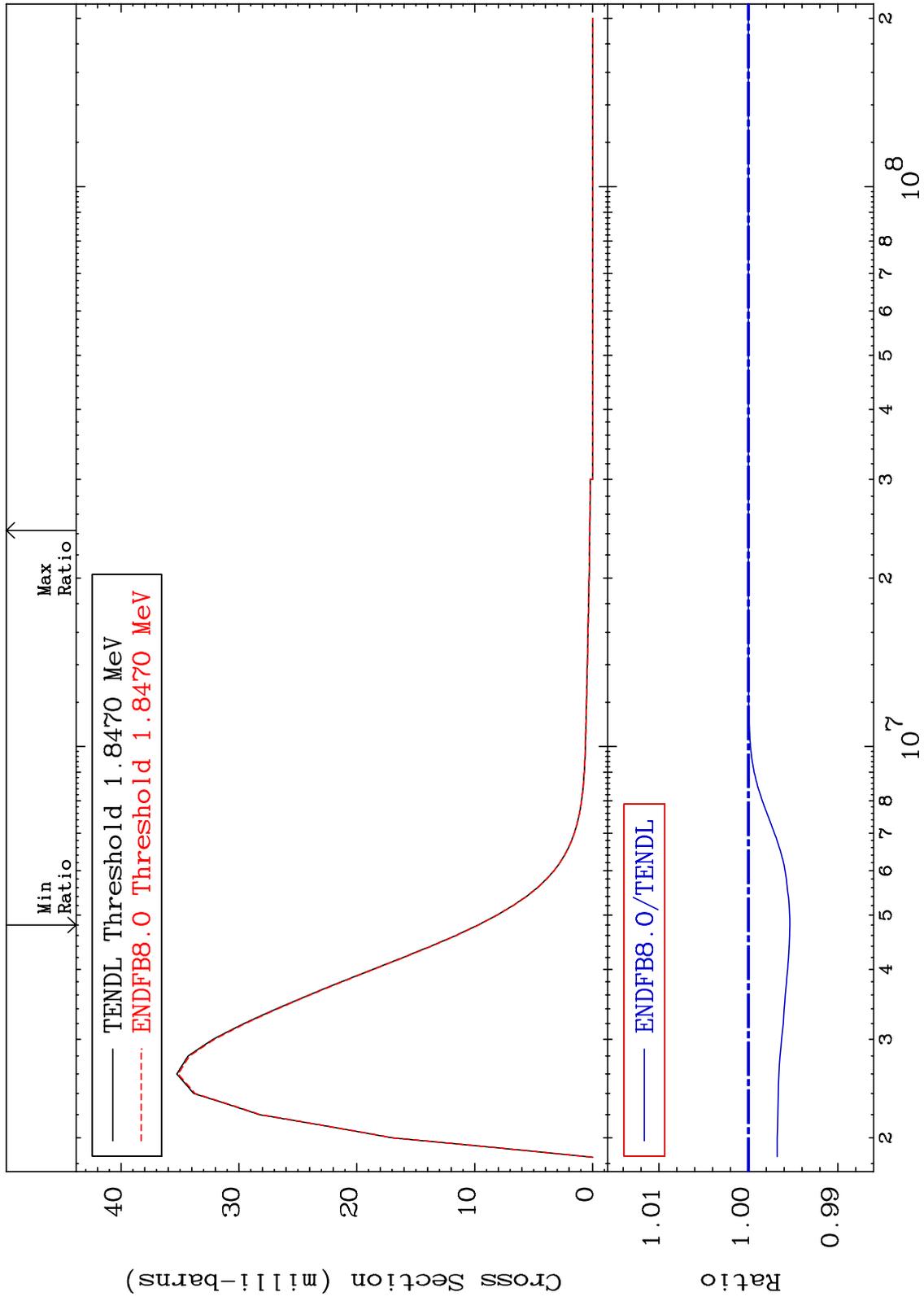
82-Pb-205
-0.456 To 0.000 %



MAT 8228

MT= 79 (n,n') Level
Cross Section

82-Pb-205
-0.464 To 0.000 %



47

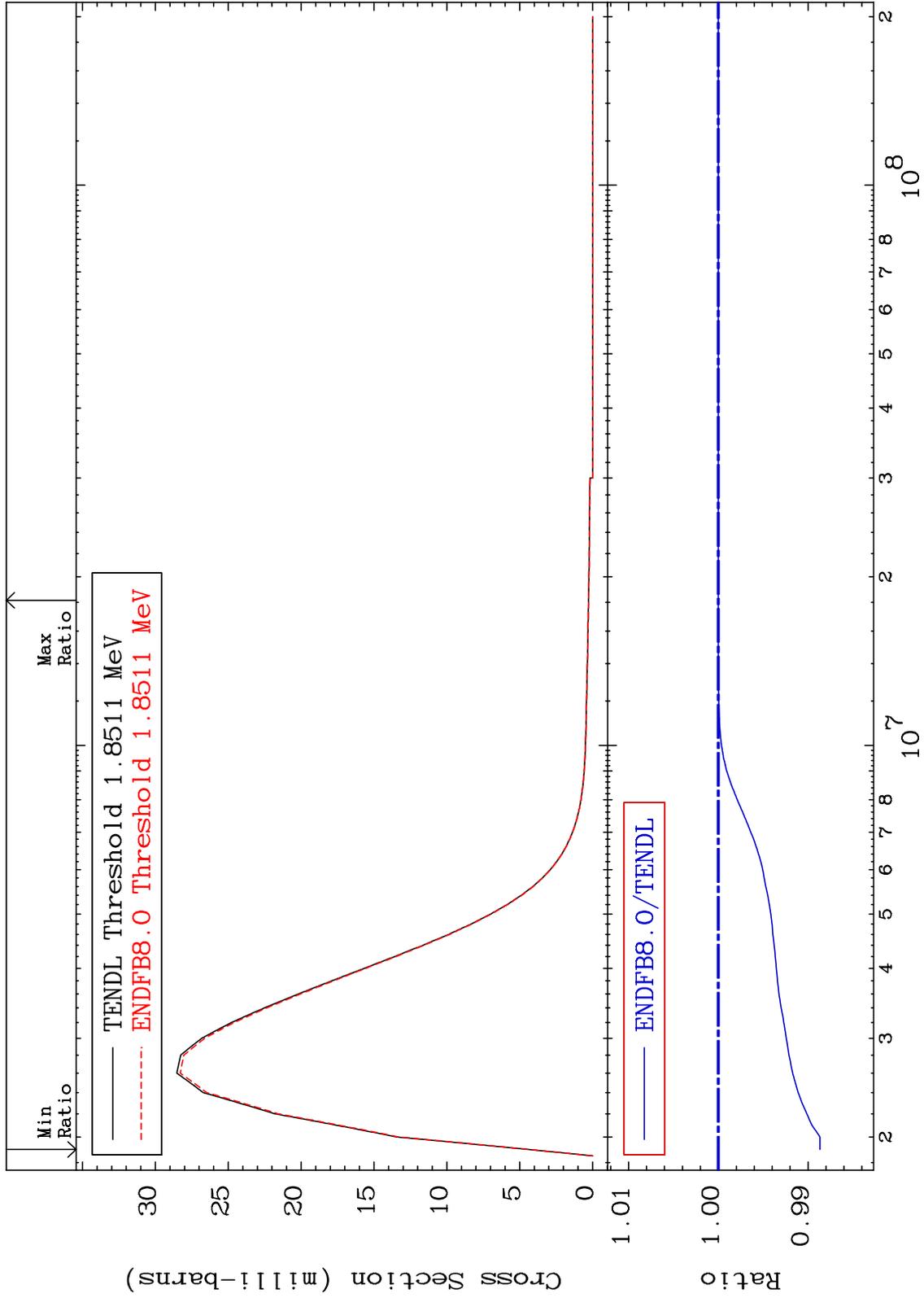
Incident Energy (eV)

82-Pb-205

MAT 8228

MT= 80 (n,n') Level
Cross Section

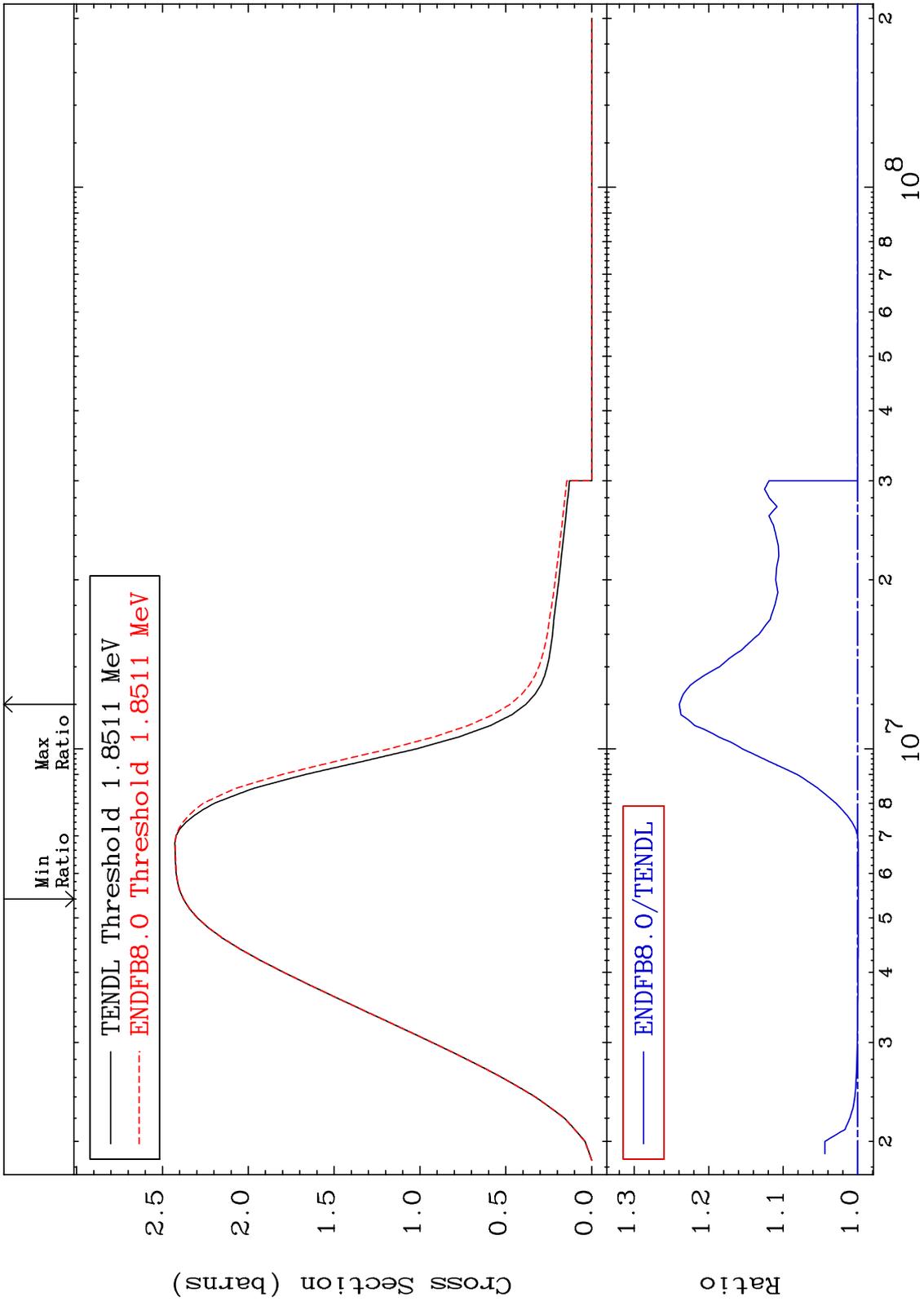
82-Pb-205
-1.133 To 0.000 %



MAT 8228

(n, n') Continuum
Cross Section

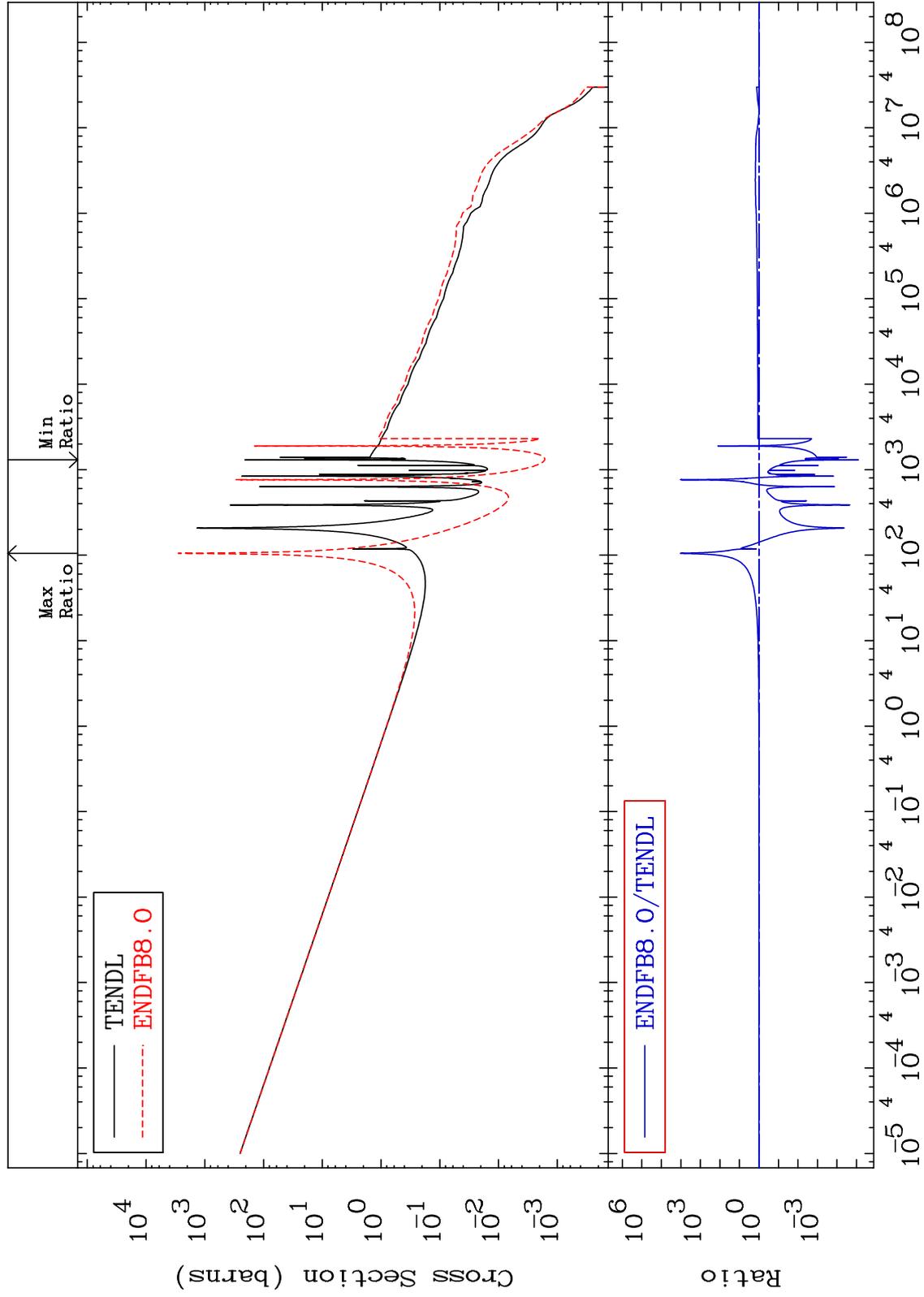
82-Pb-205
-0.075 To 23.95 %



MAT 8228

(n, γ)
Cross Section

82-Pb-205
-100.0 To 9999. %



50

Incident Energy (eV)

82-Pb-205

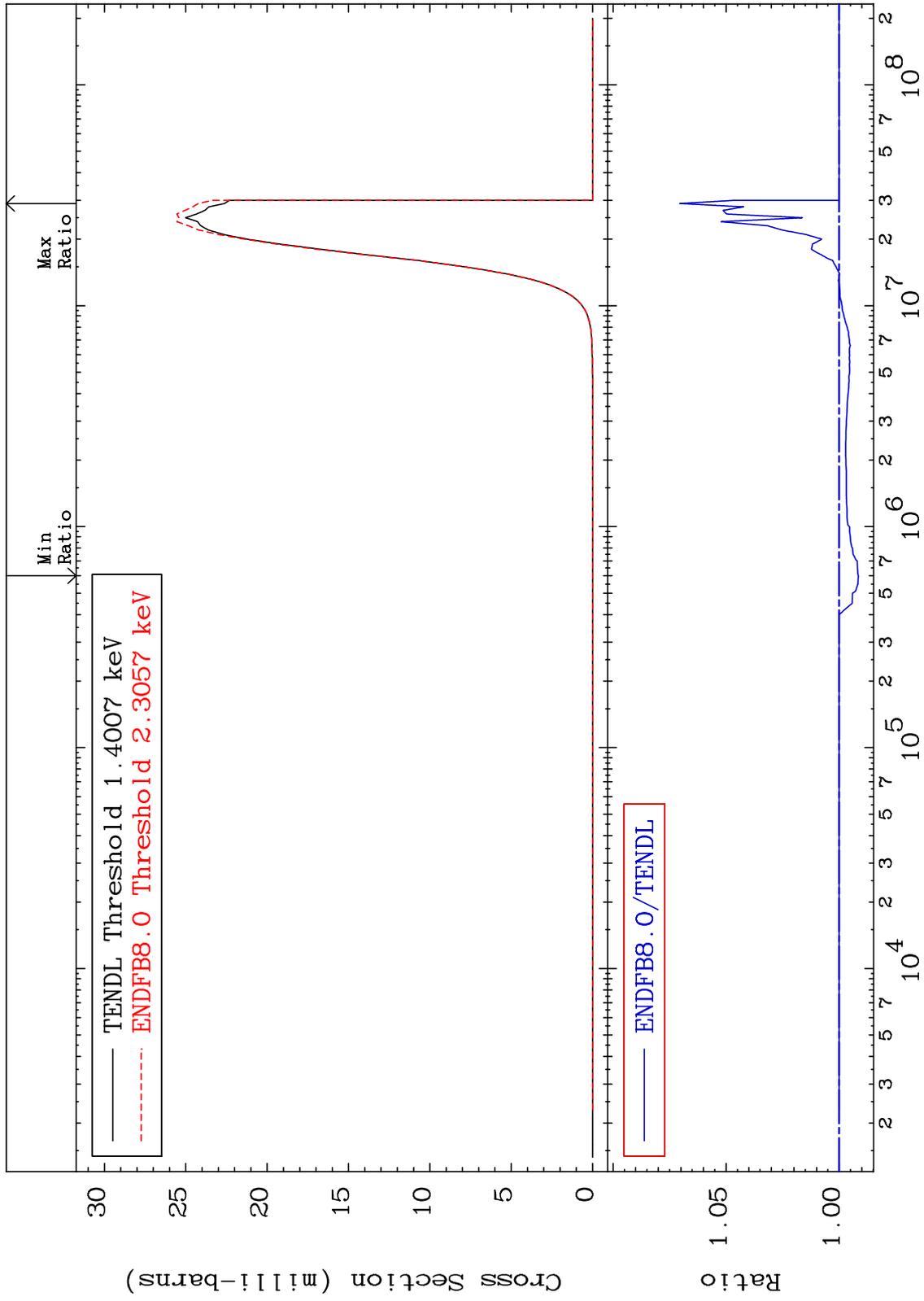
MAT 8228

(n, p)

82-Pb-205

Cross Section

-0.848 To 7.042 %



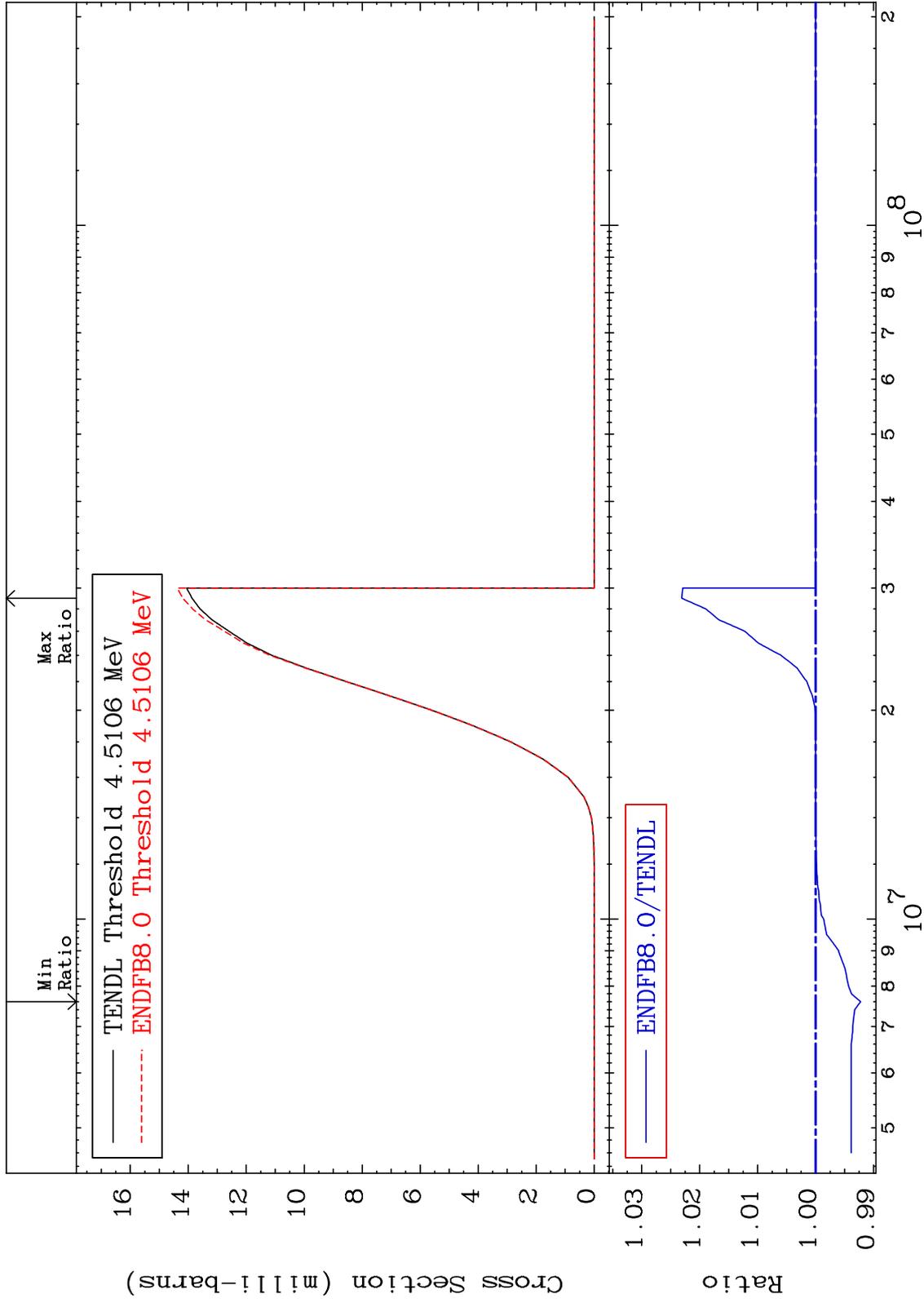
MAT 8228

(n, d)

82-Pb-205

Cross Section

-0.777 To 2.310 %



52

Incident Energy (eV)

82-Pb-205

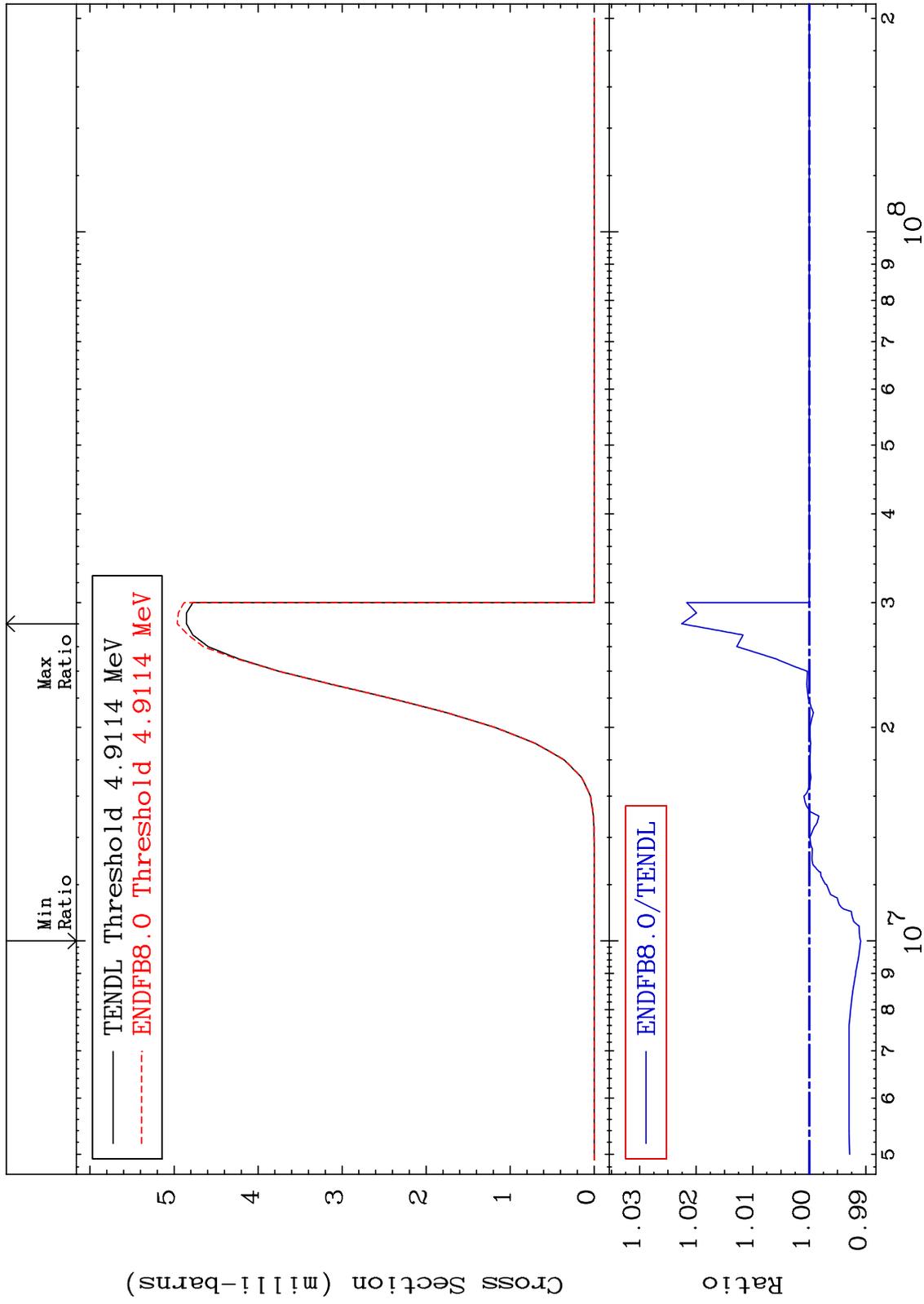
MAT 8228

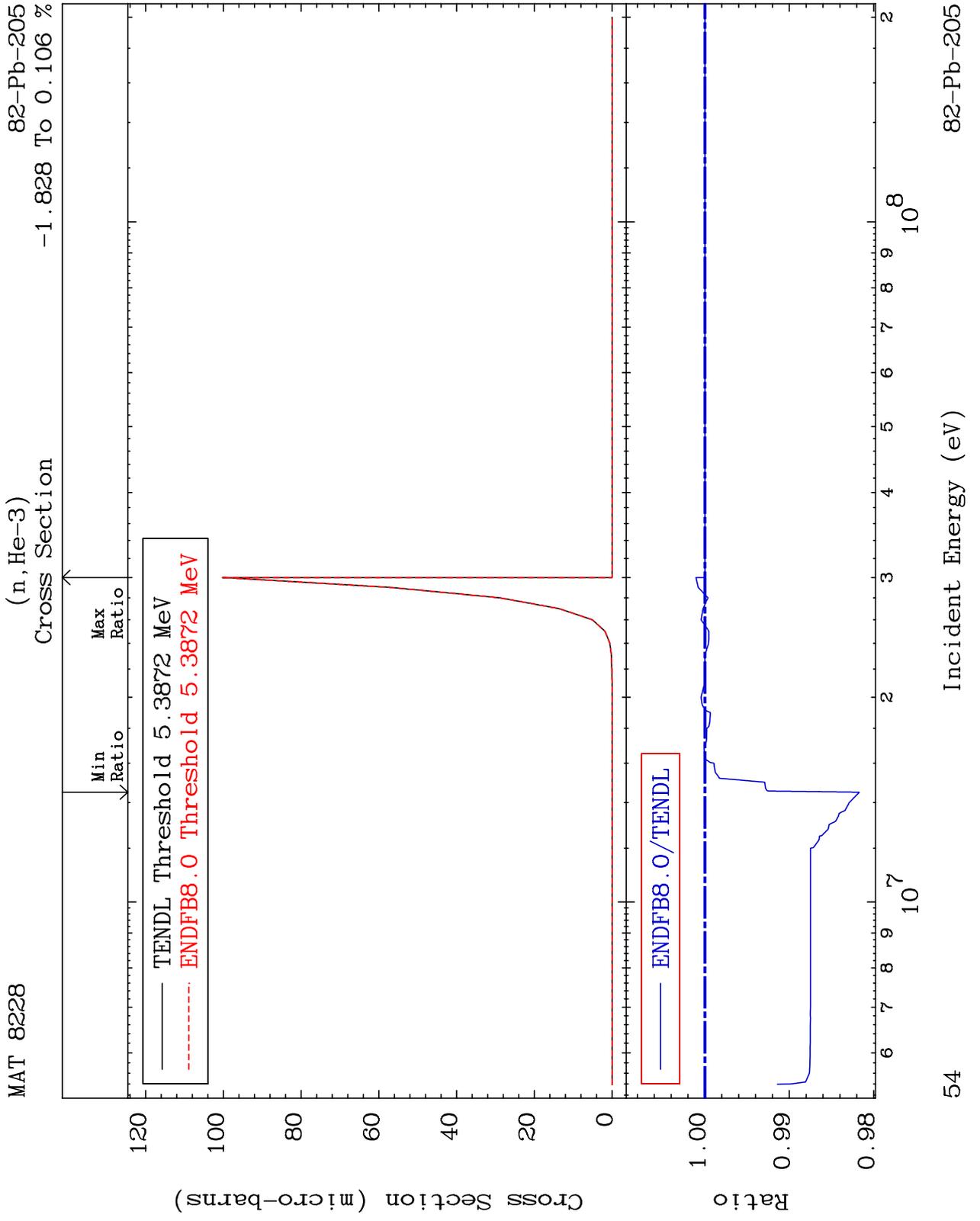
(n, t)

82-Pb-205

Cross Section

-0.909 To 2.256 %





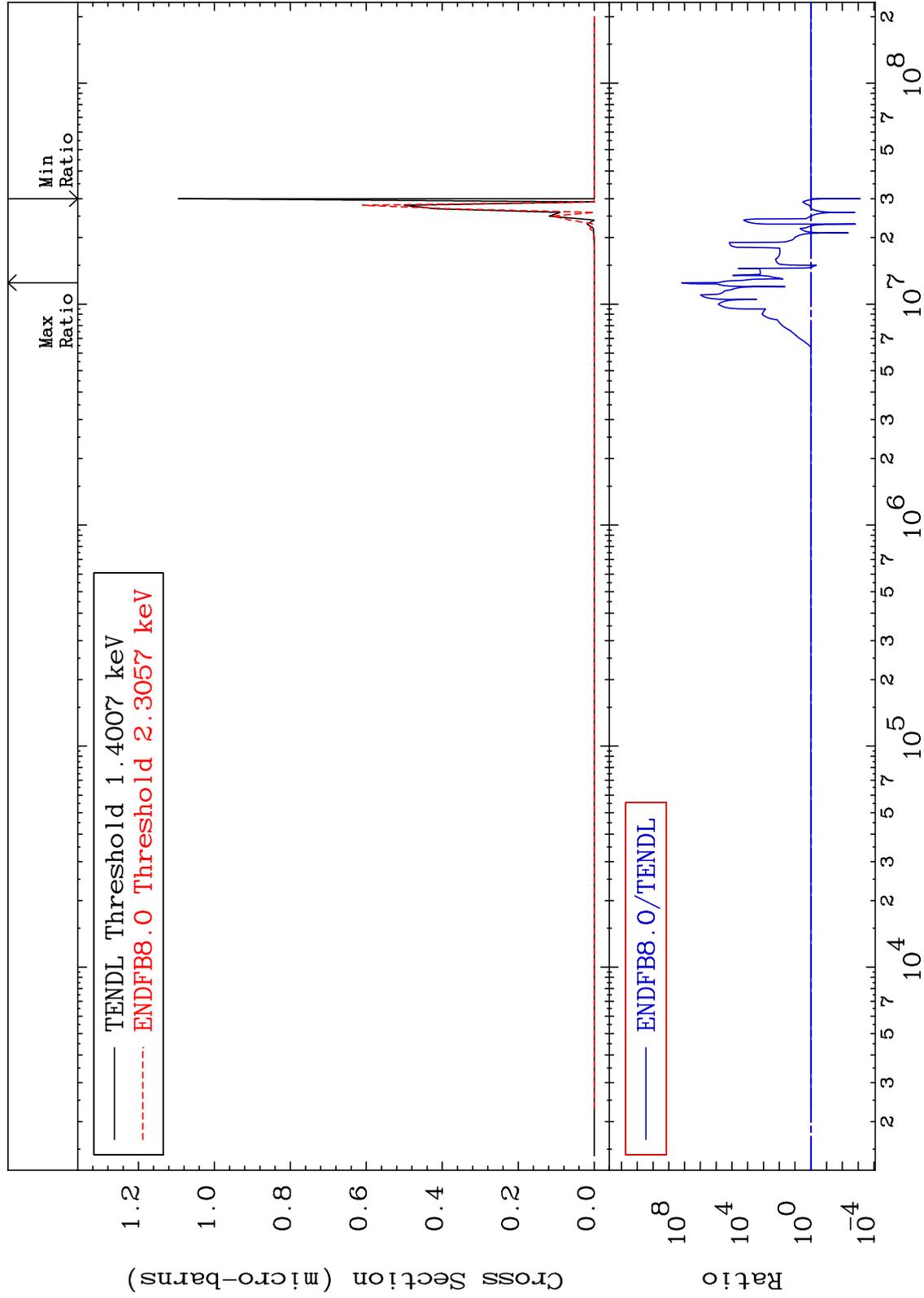
MAT 8228

(n, 2α)

82-Pb-205

Cross Section

-99.92 To 9999. %



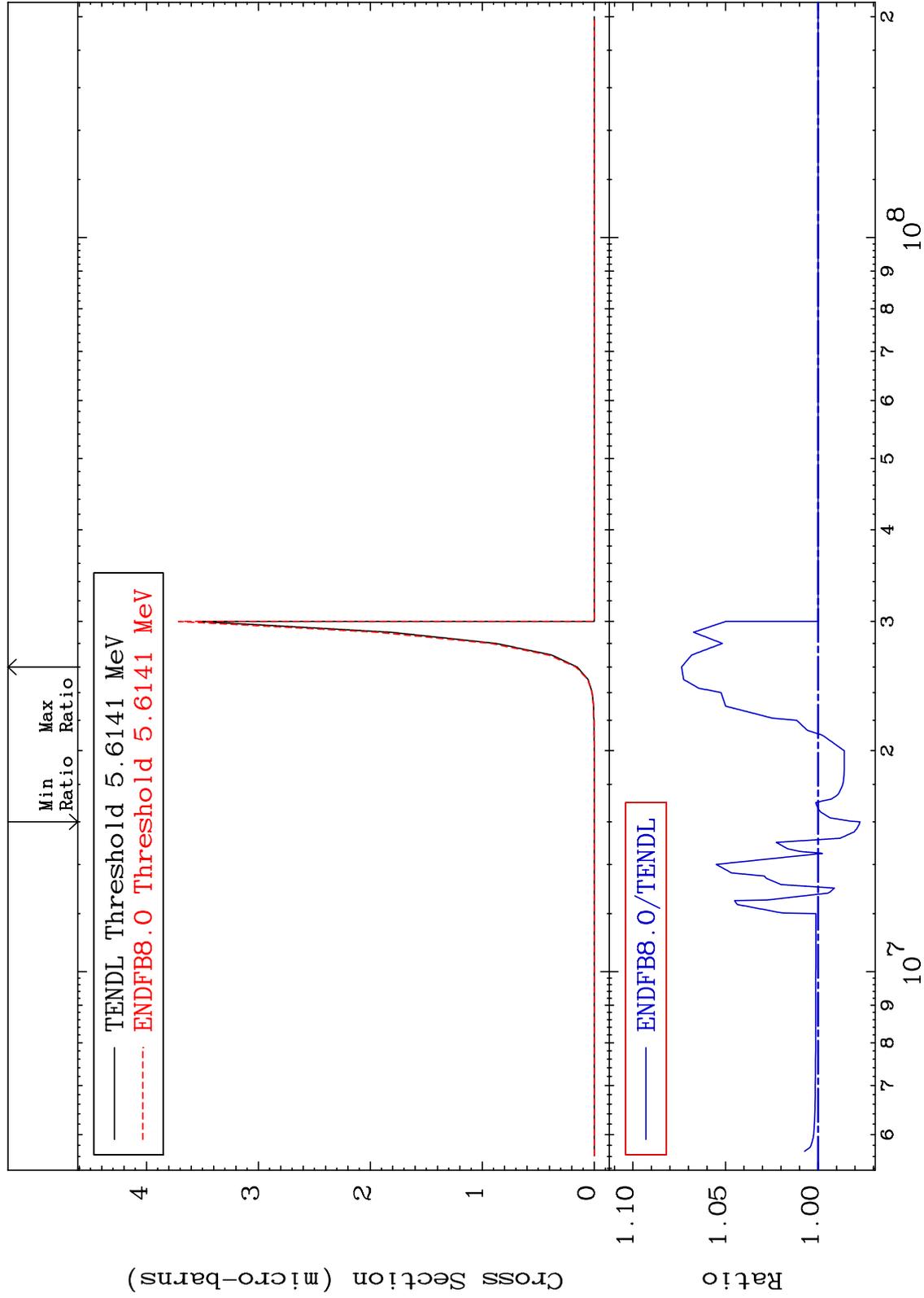
MAT 8228

(n,2p)

82-Pb-205

Cross Section

-2.268 To 7.373 %



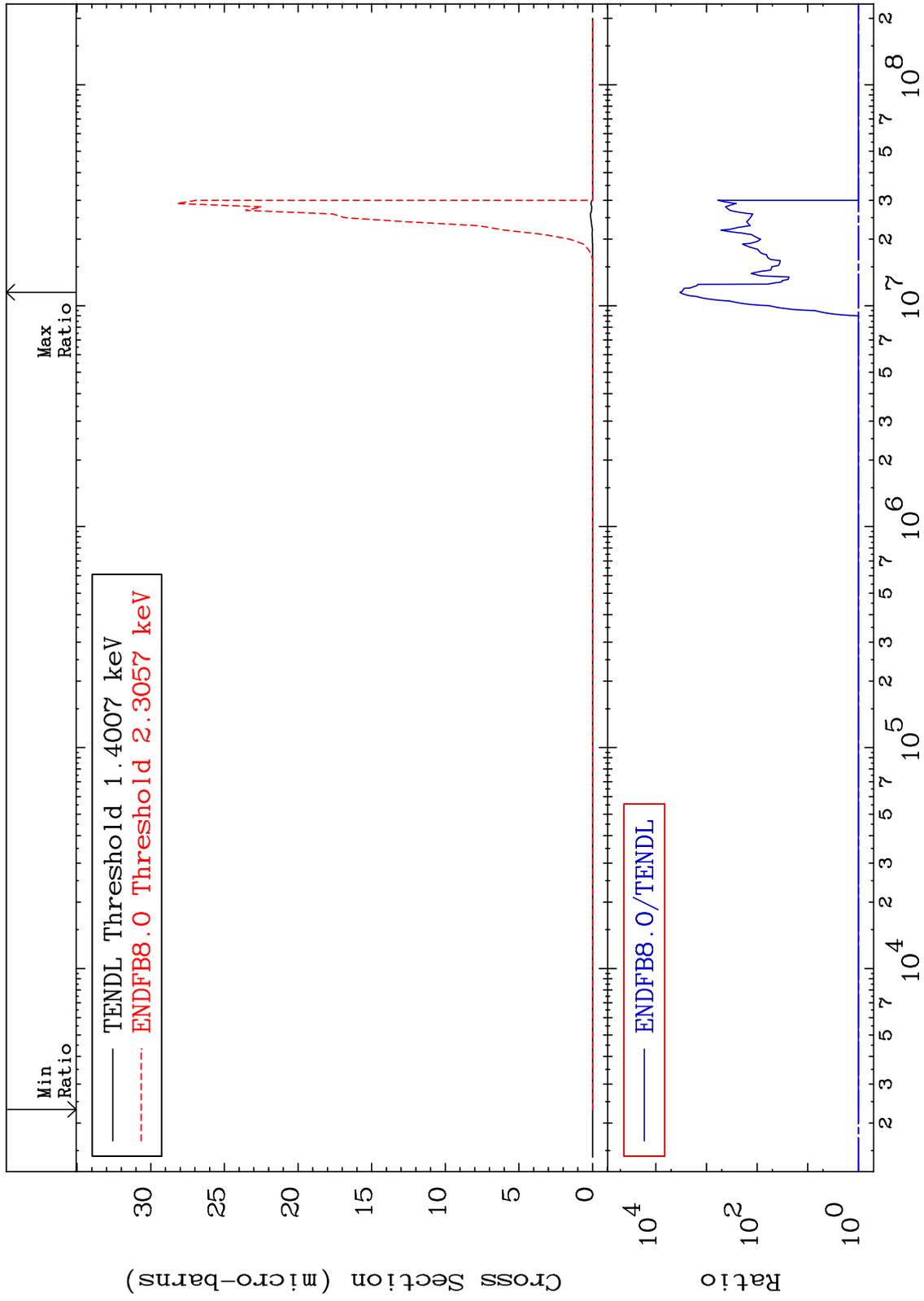
MAT 8228

(n,p) α

82-Pb-205

Cross Section

0.000 To 9999. %



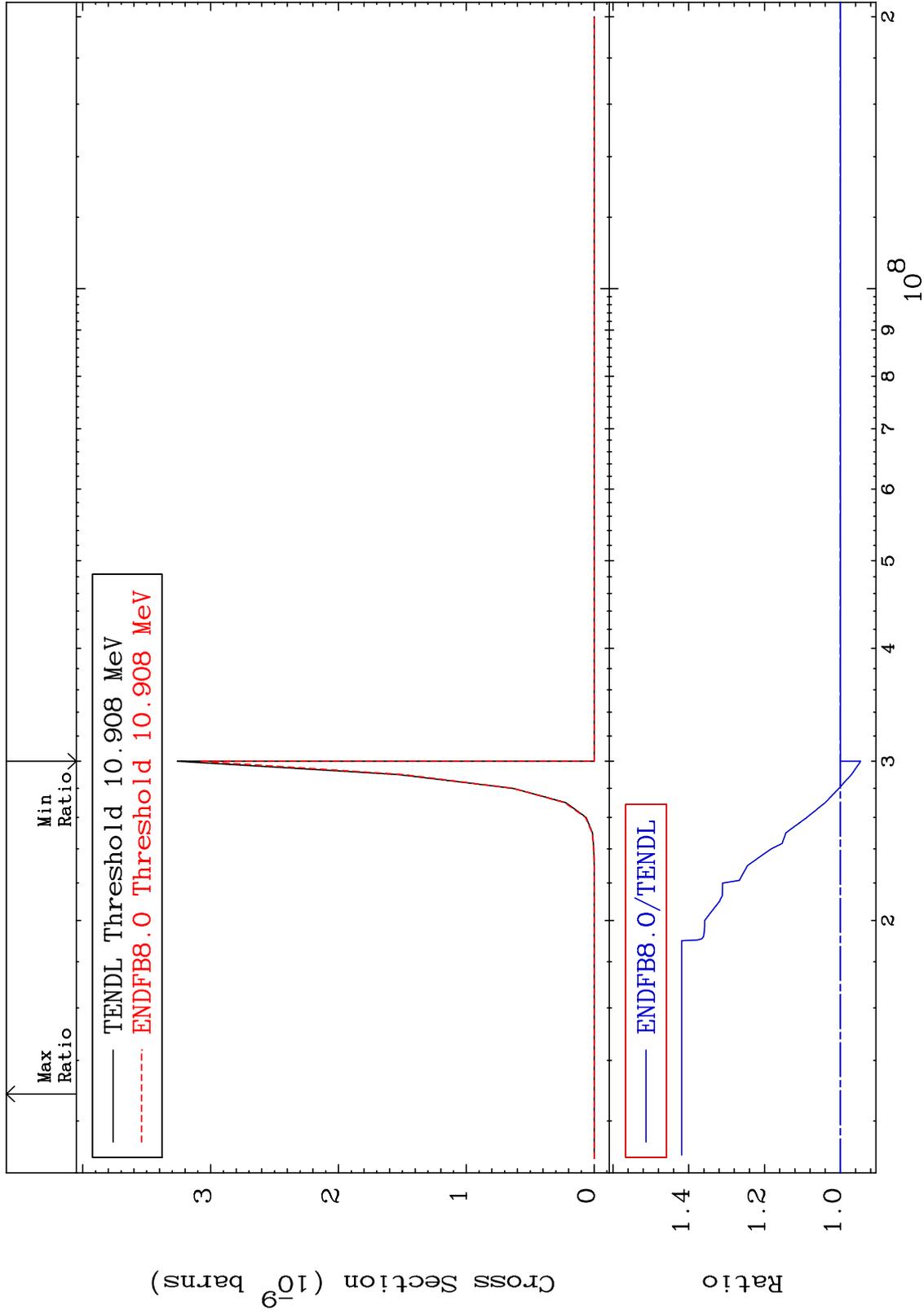
MAT 8228

(n,p) d

82-Pb-205

Cross Section

-5.341 To 41.85 %



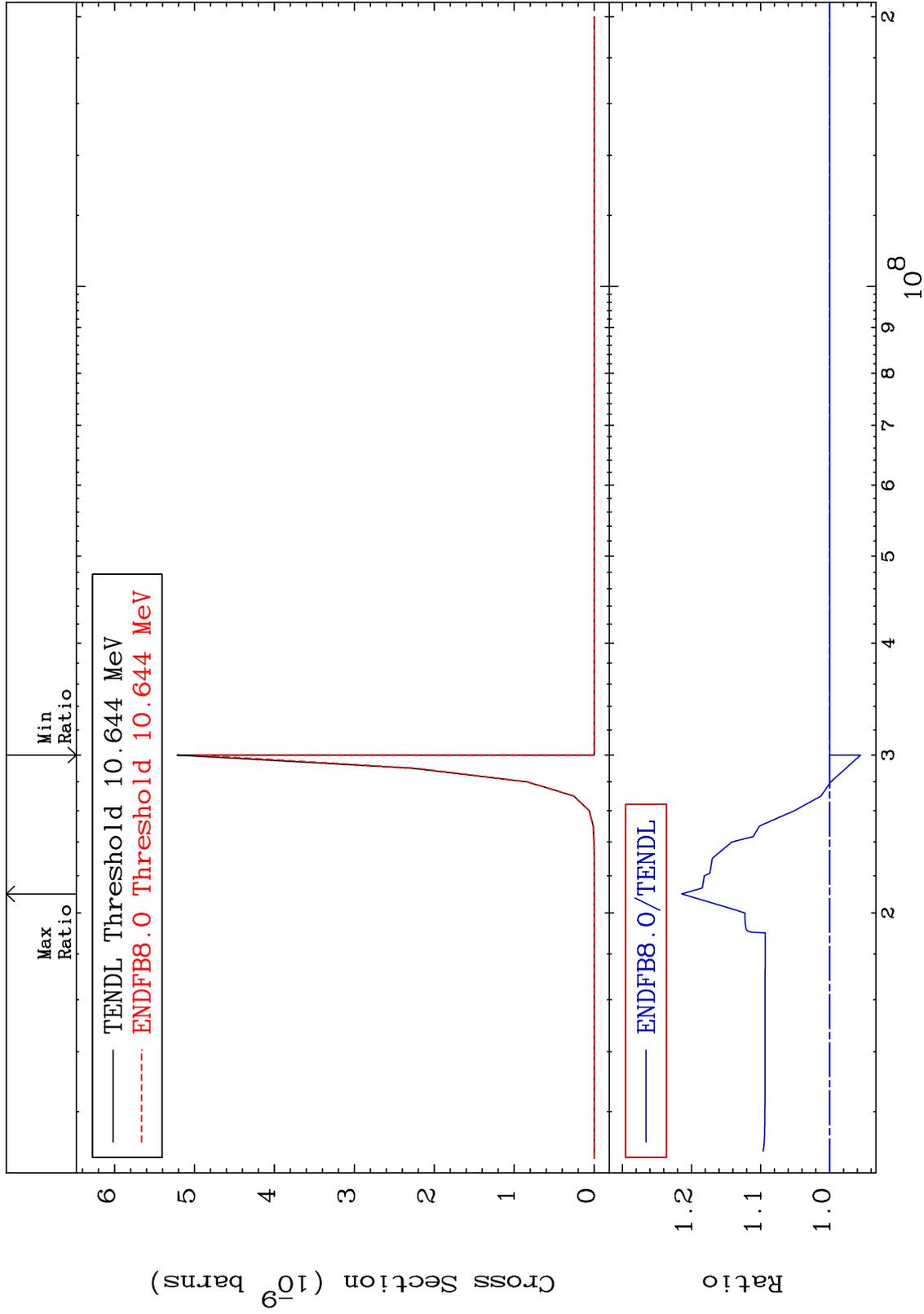
MAT 8228

(n,p) t

82-Pb-205

Cross Section

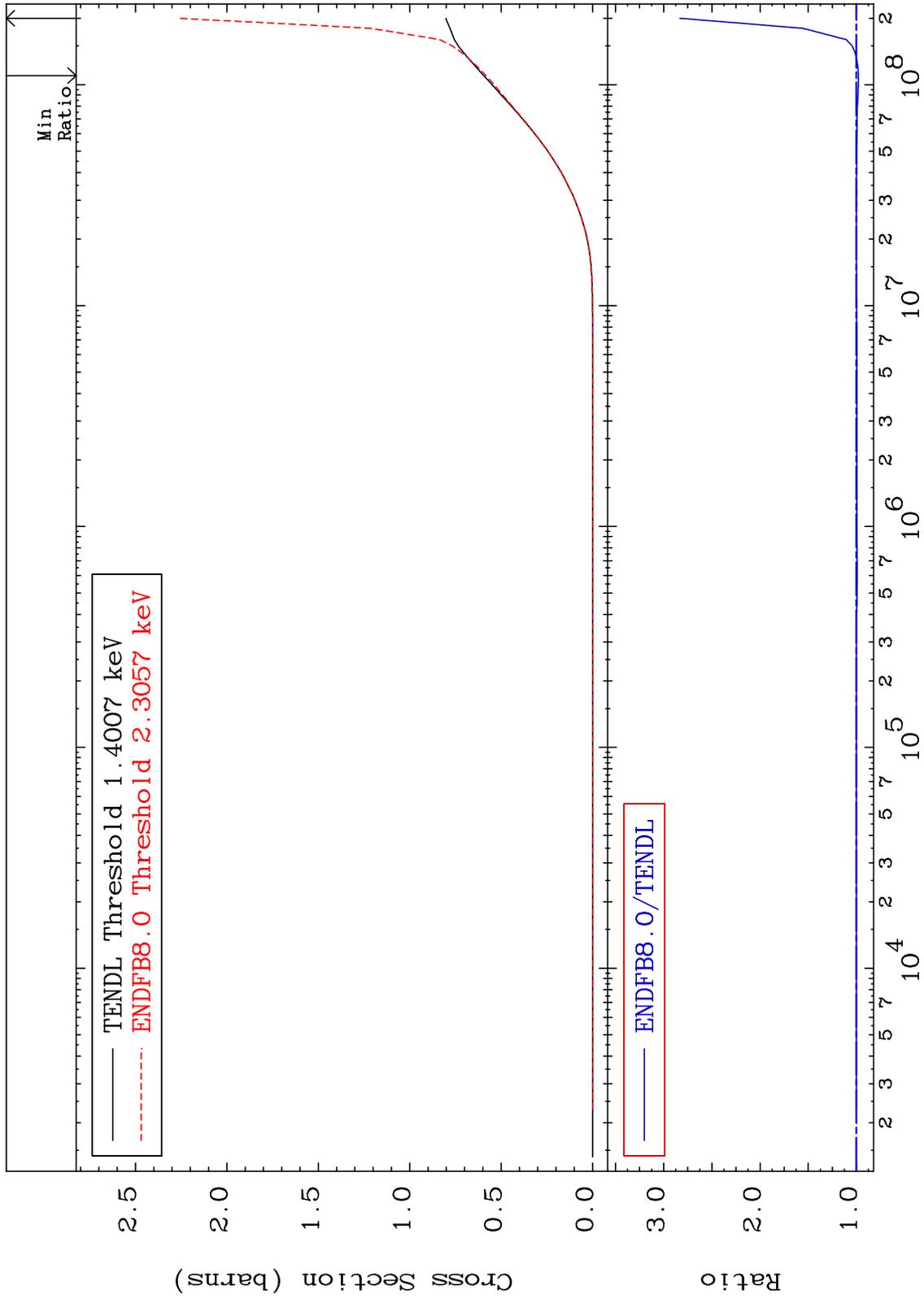
-4.481 To 21.40 %



MAT 8228

Hydrogen Production
Cross Section

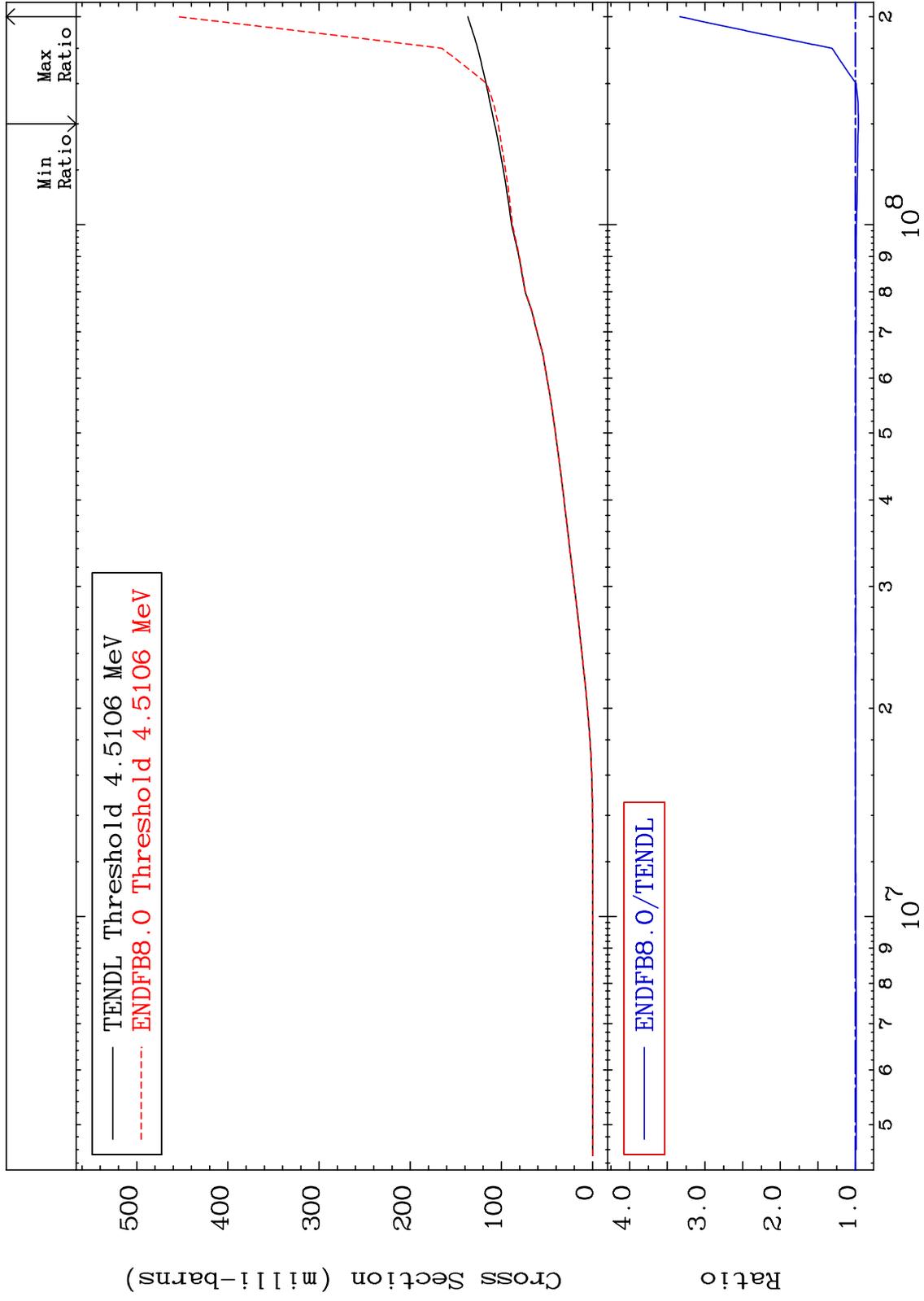
82-Pb-205
-2.034 To 183.1 %



MAT 8228

Deuterium Production
Cross Section

82-Pb-205
-3.707 To 233.2 %



62

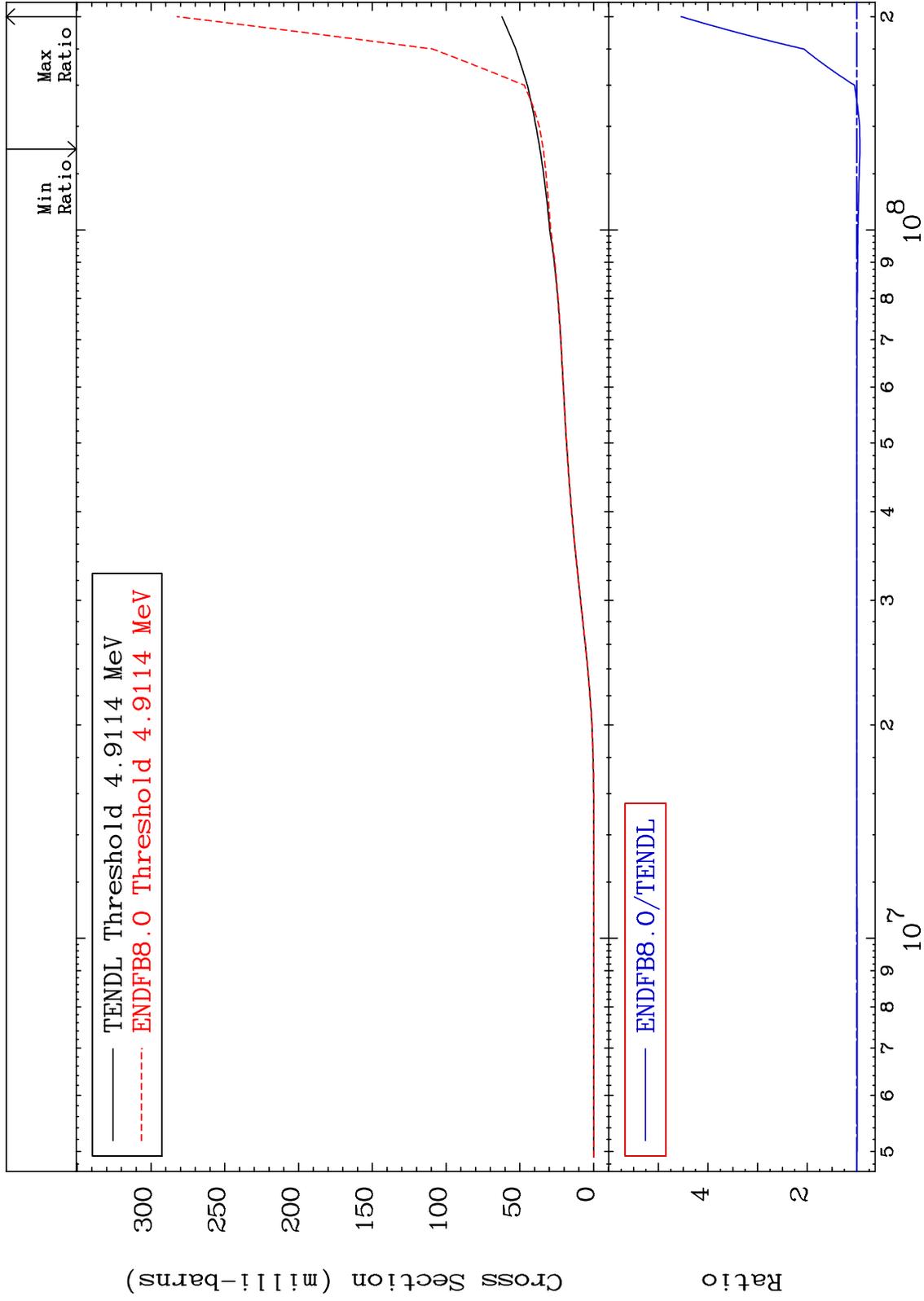
Incident Energy (eV)

82-Pb-205

MAT 8228

Tritium Production
Cross Section

82-Pb-205
-6.245 To 354.1 %



63

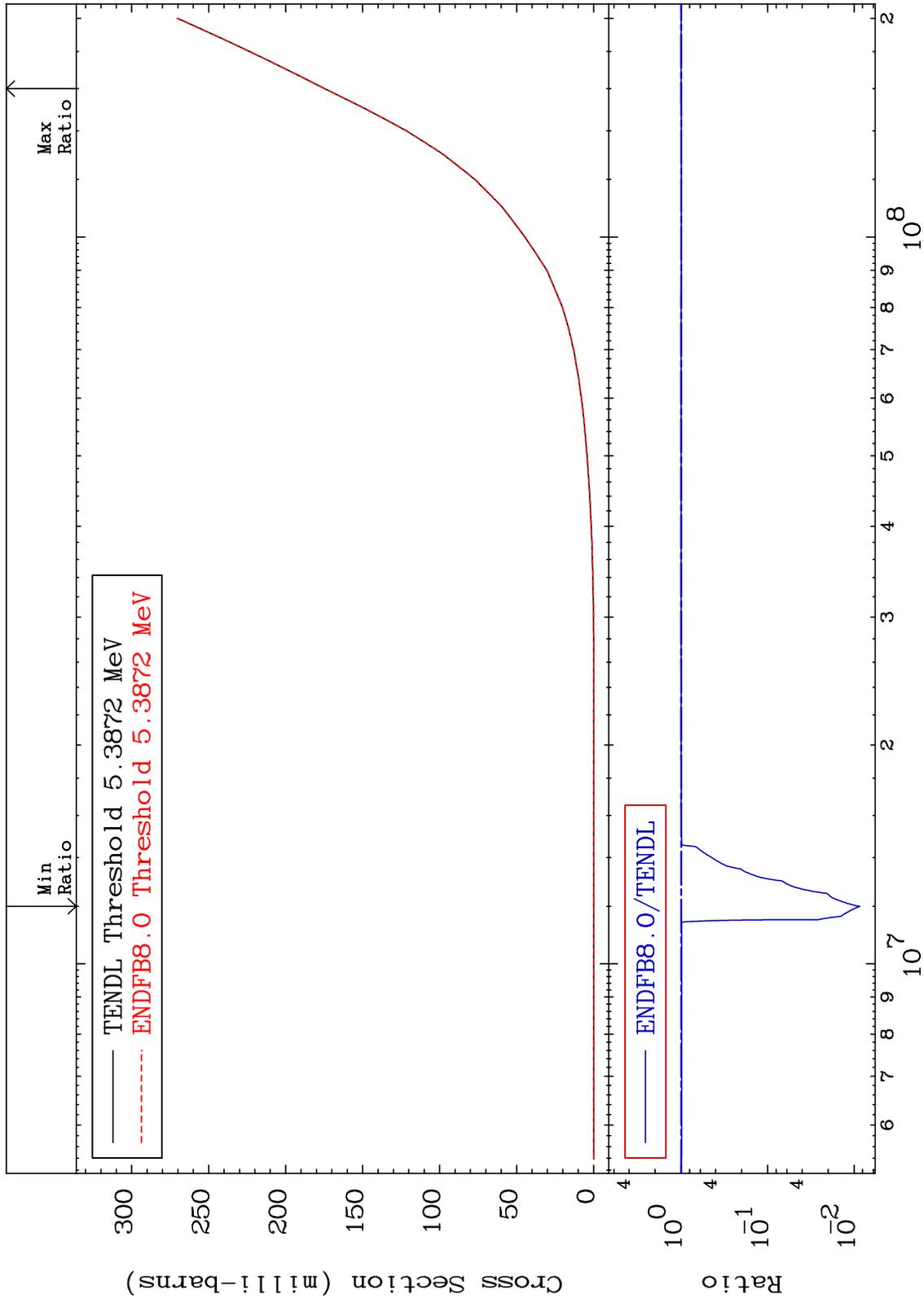
Incident Energy (eV)

82-Pb-205

MAT 8228

He-3 Production
Cross Section

82-Pb-205
-99.14 To 0.101 %



64

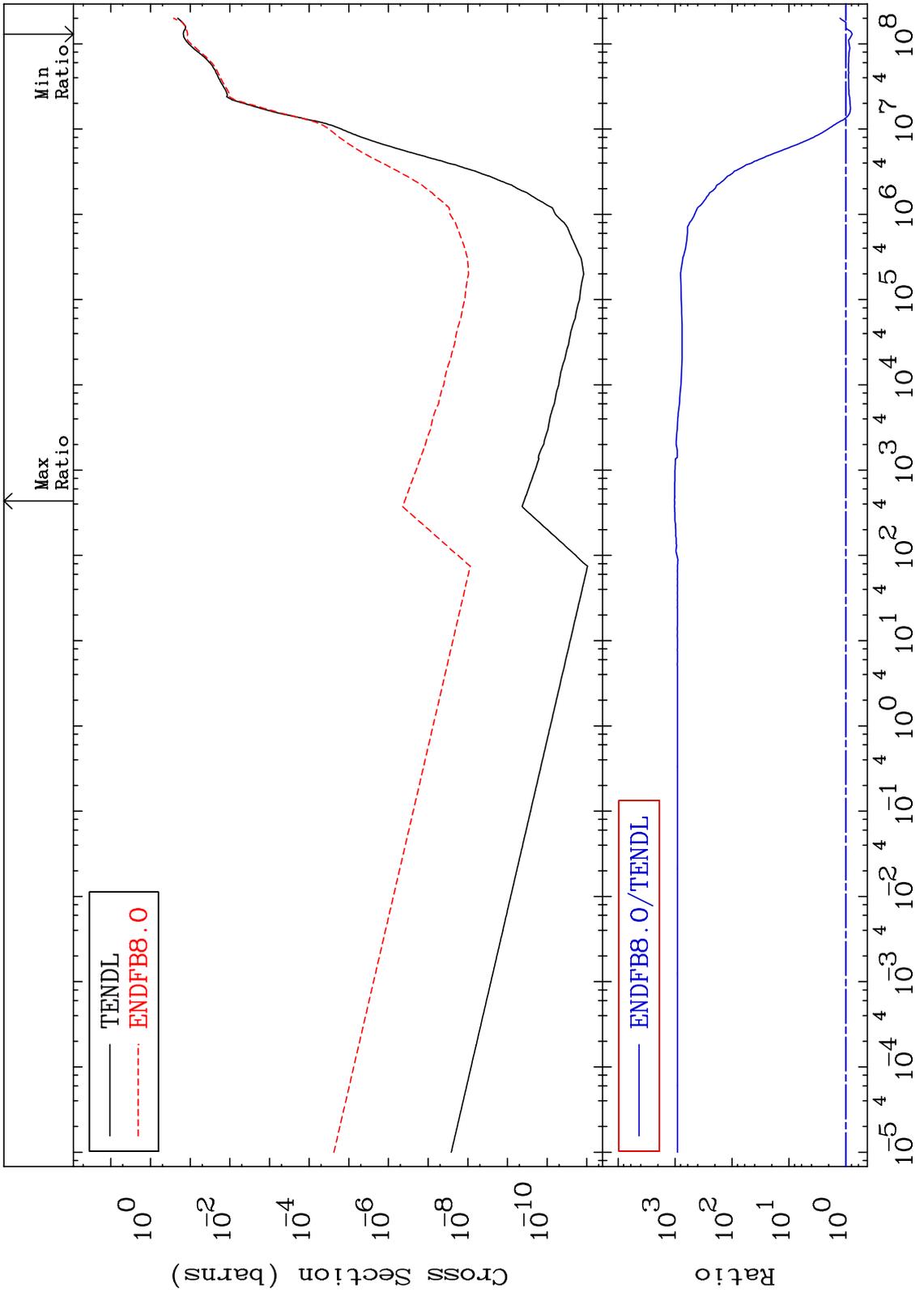
Incident Energy (eV)

82-Pb-205

MAT 8228

He-4 Production
Cross Section

82-Pb-205
-22.51 To 9999. %



65

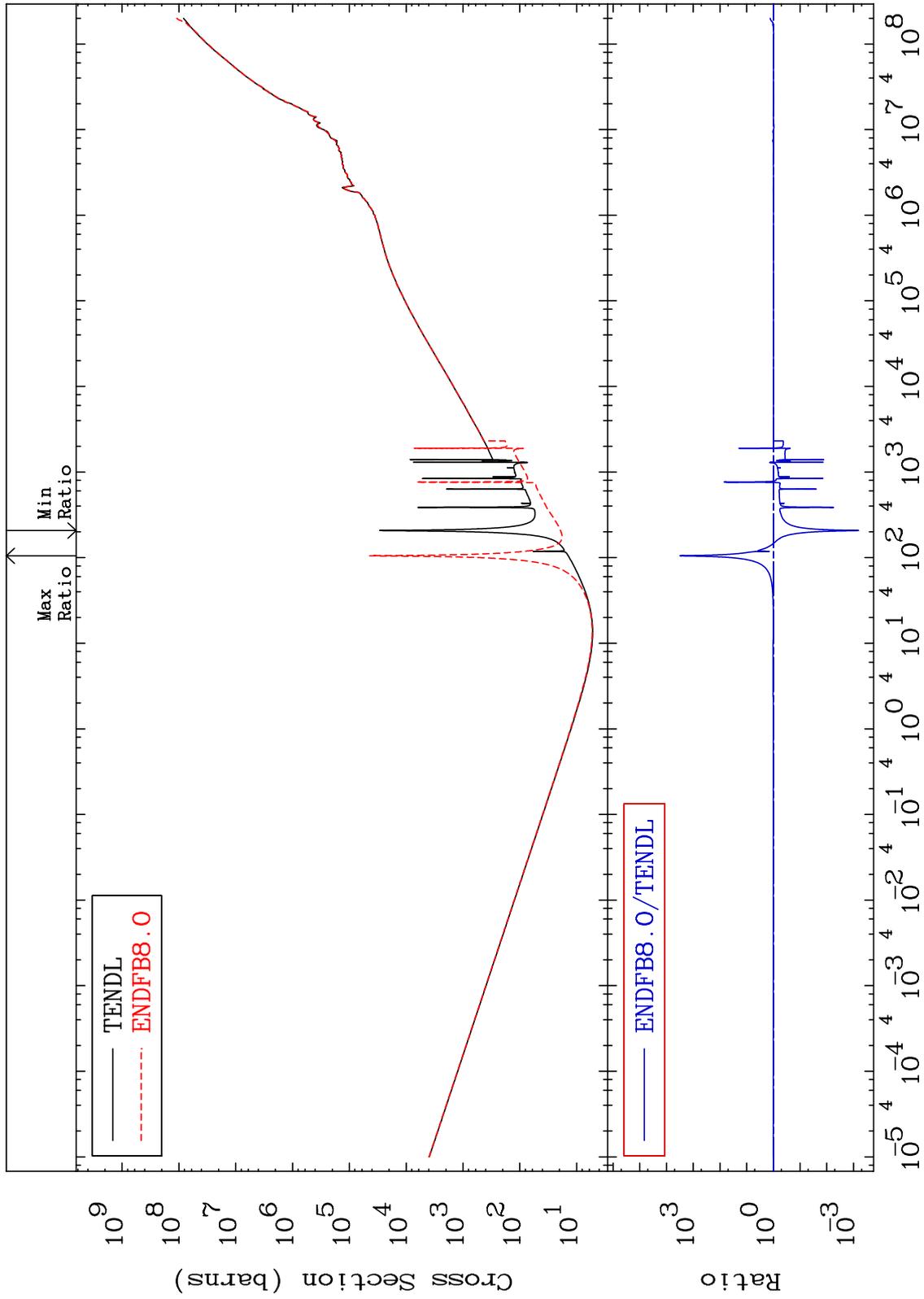
Incident Energy (eV)

82-Pb-205

MAT 8228

Kerma total (eV-barns)
Cross Section

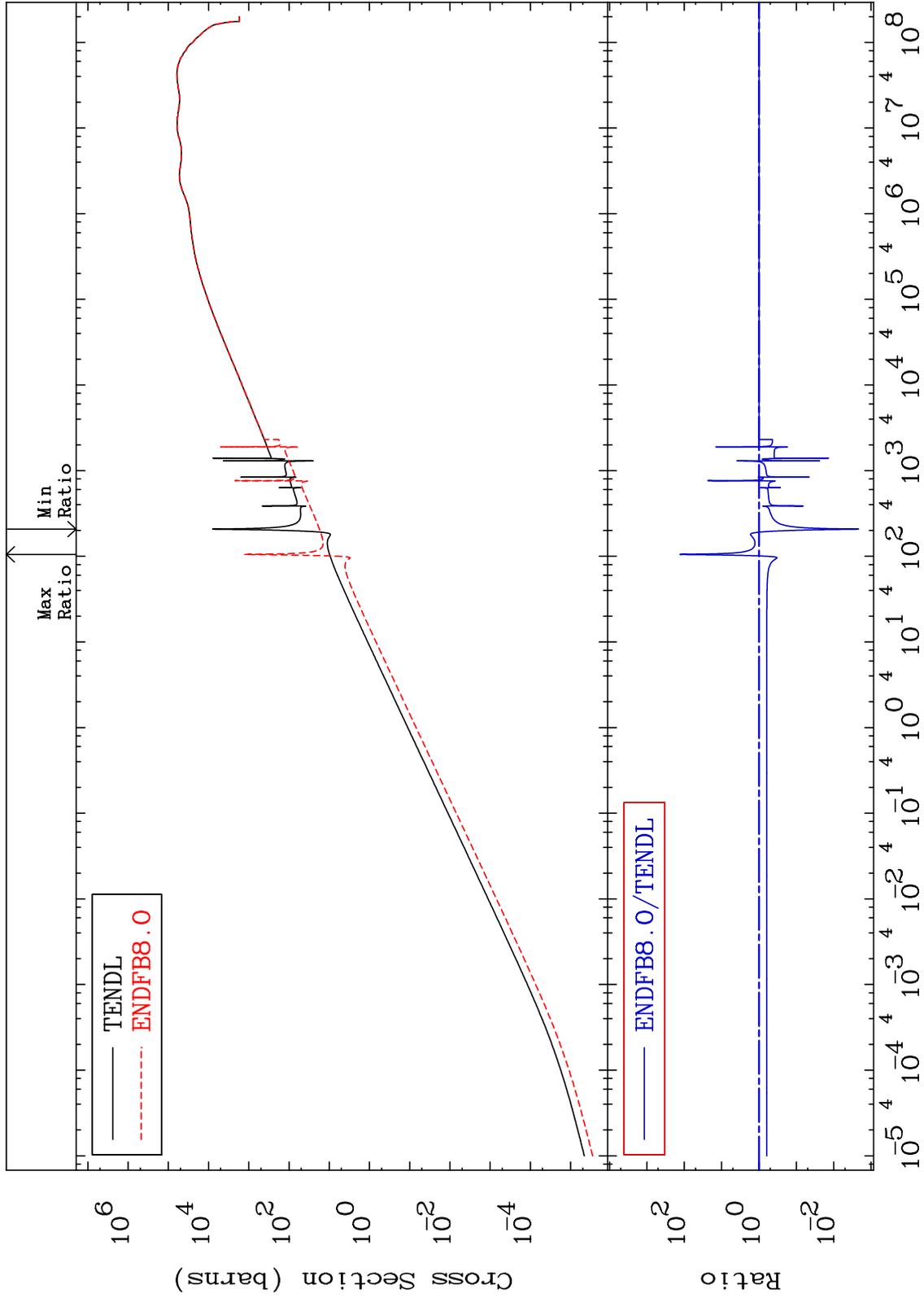
82-Pb-205
-99.93 To 9999. %



MAT 8228

Kerma elastic
Cross Section

82-Pb-205
-99.78 To 9999. %



67

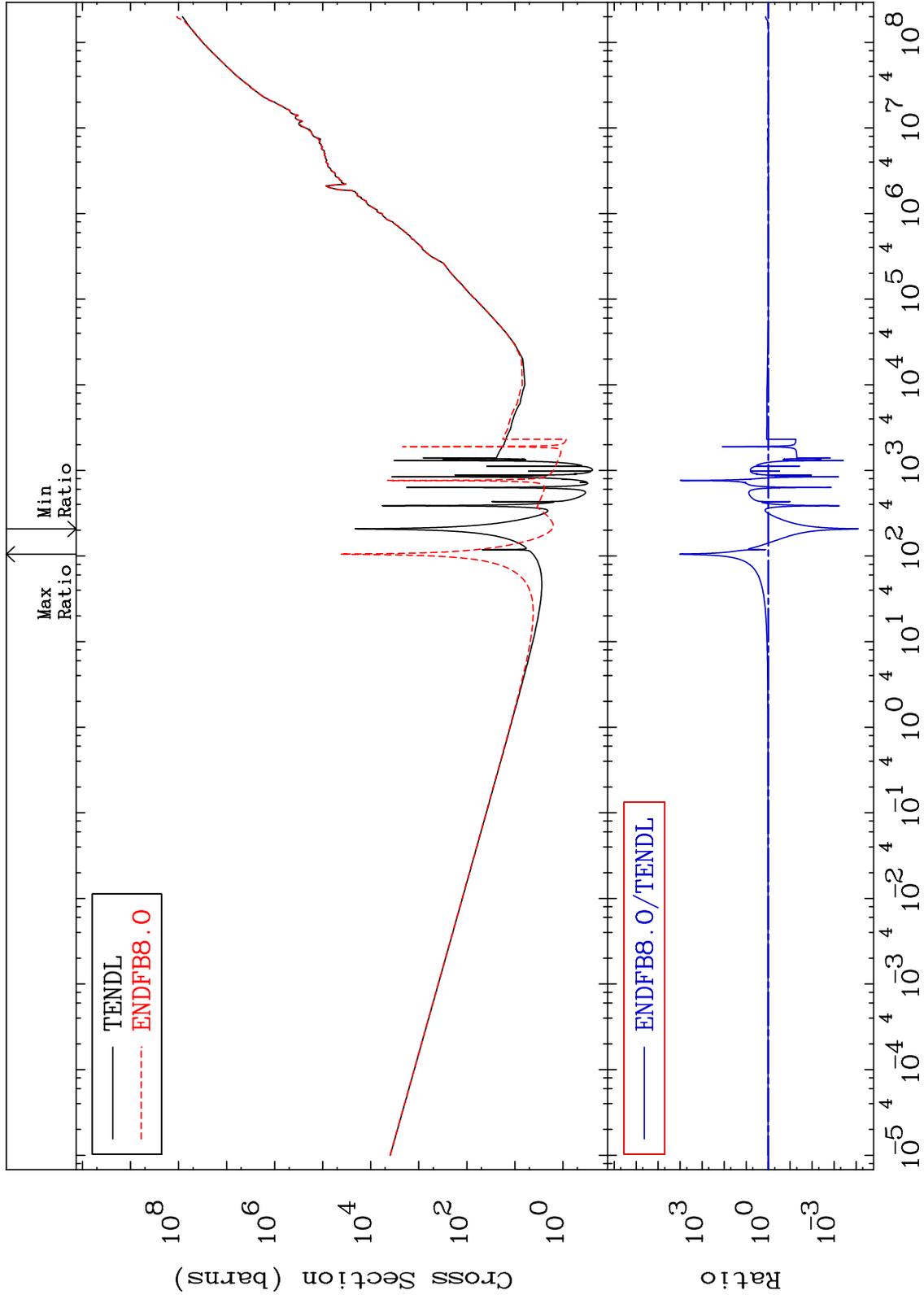
Incident Energy (eV)

82-Pb-205

MAT 8228

Kerma non-elastic (all but mt2)
Cross Section

82-Pb-205
-99.99 To 9999. %



68

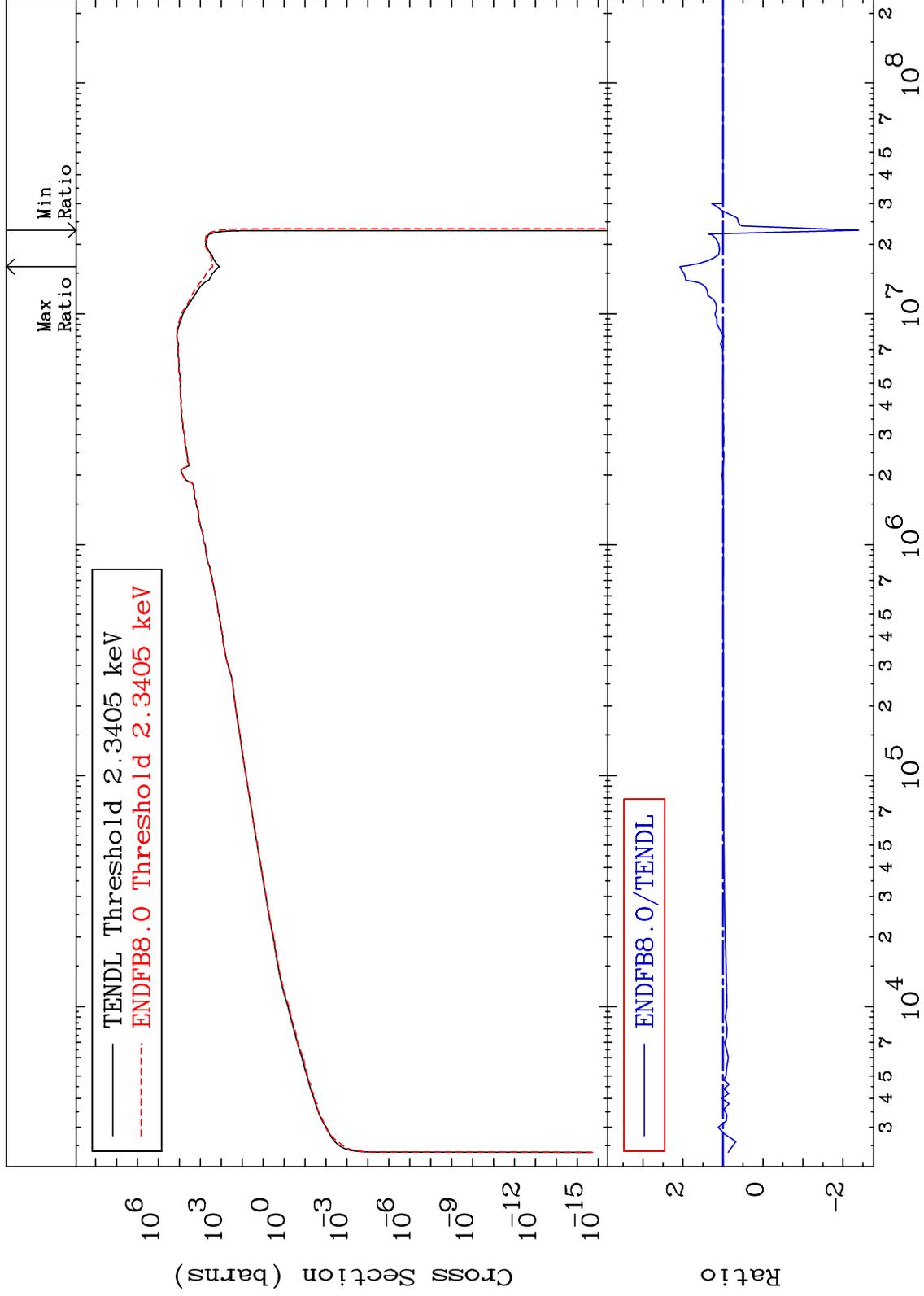
Incident Energy (eV)

82-Pb-205

MAT 8228

Kerma inelastic (mt51-91)
Cross Section

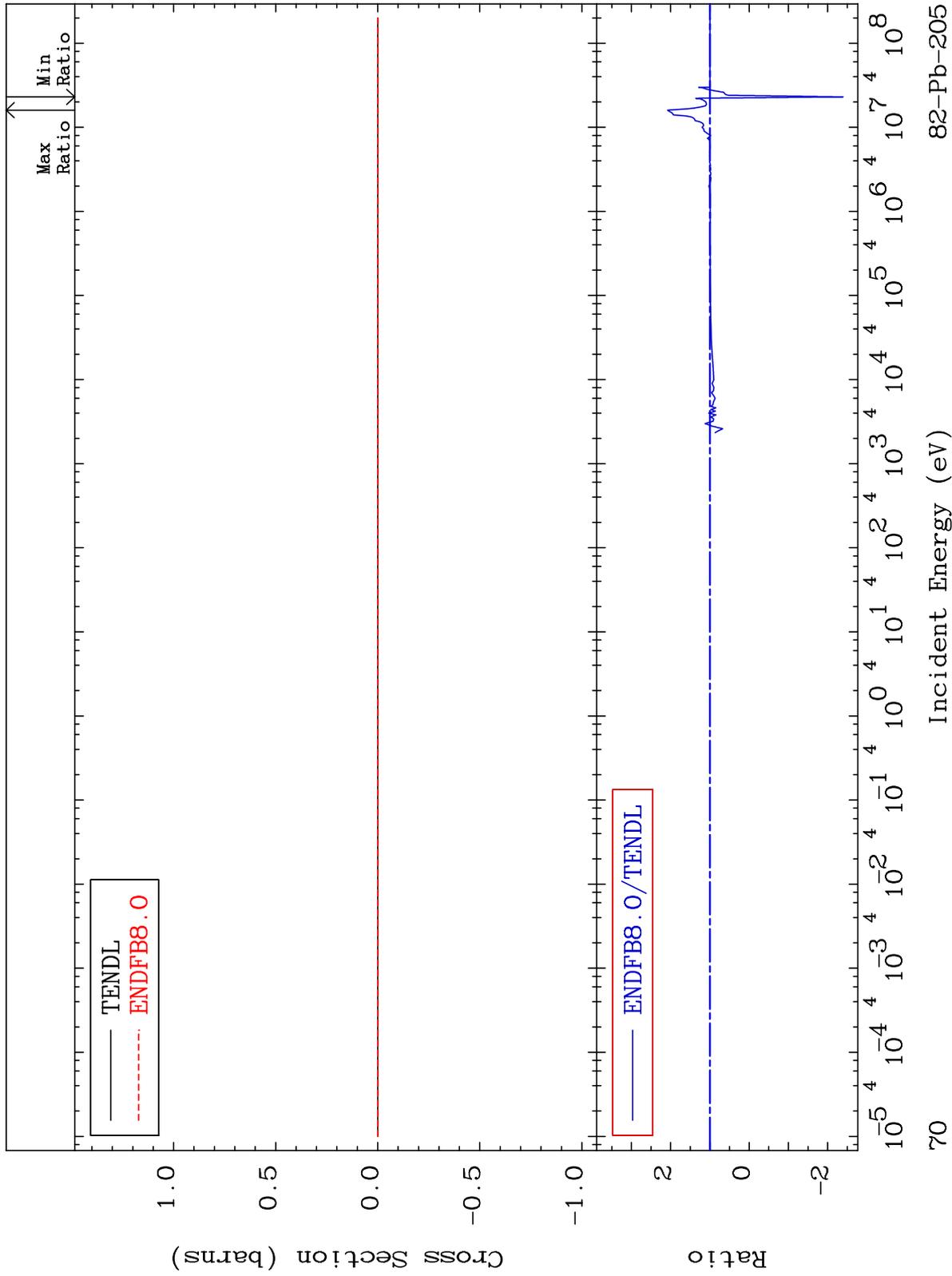
82-Pb-205
-338.8 To 107.7 %



MAT 8228

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

82-Pb-205
-338.8 To 107.7 %



82-Pb-205

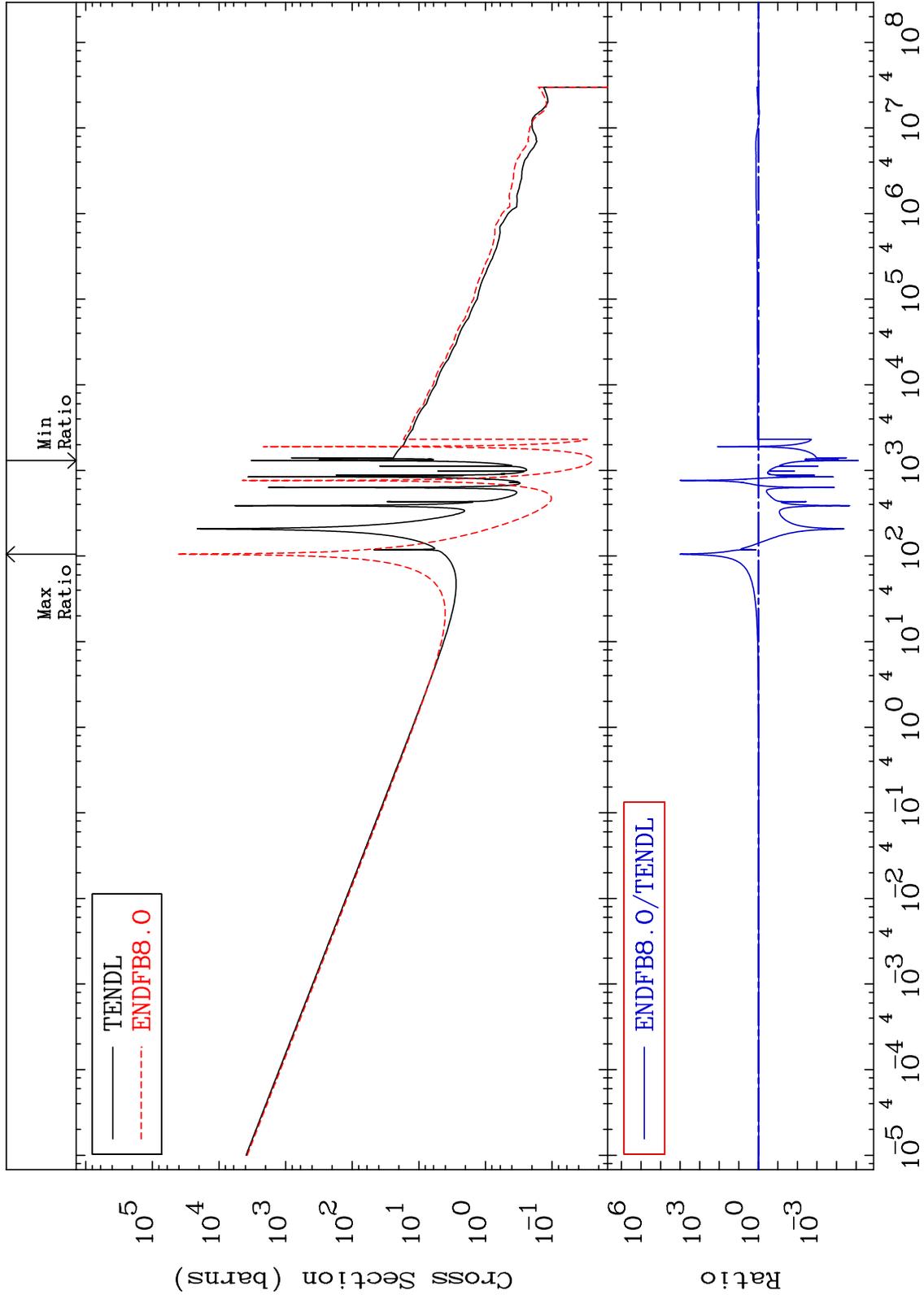
Incident Energy (eV)

70

MAT 8228

Kerma capture (mt102)
Cross Section

82-Pb-205
-100.0 To 9999. %



71

Incident Energy (eV)

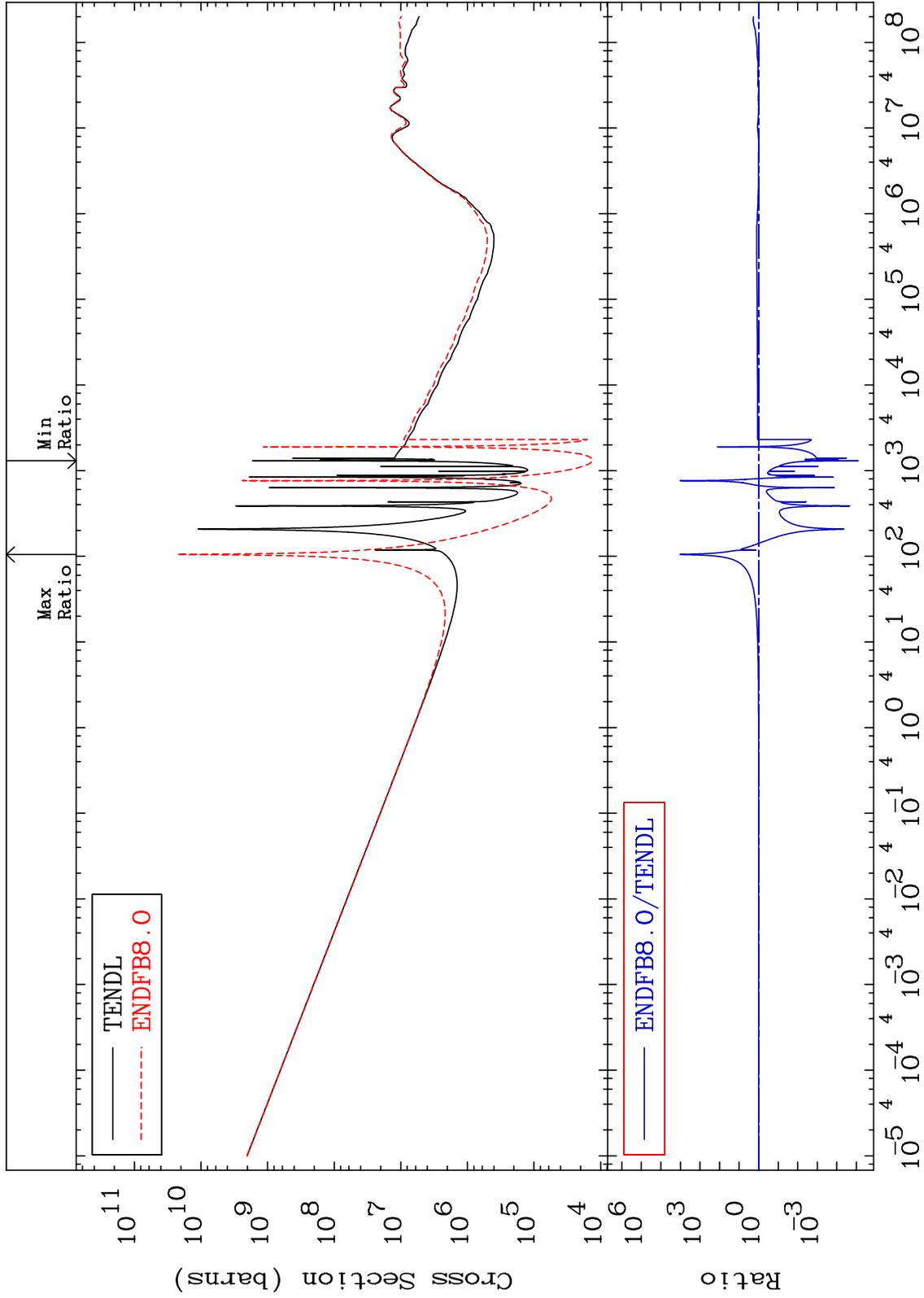
82-Pb-205

MAT 8228

Total photon (eV-barns)
Cross Section

82-Pb-205

-100.0 To 9999. %



72

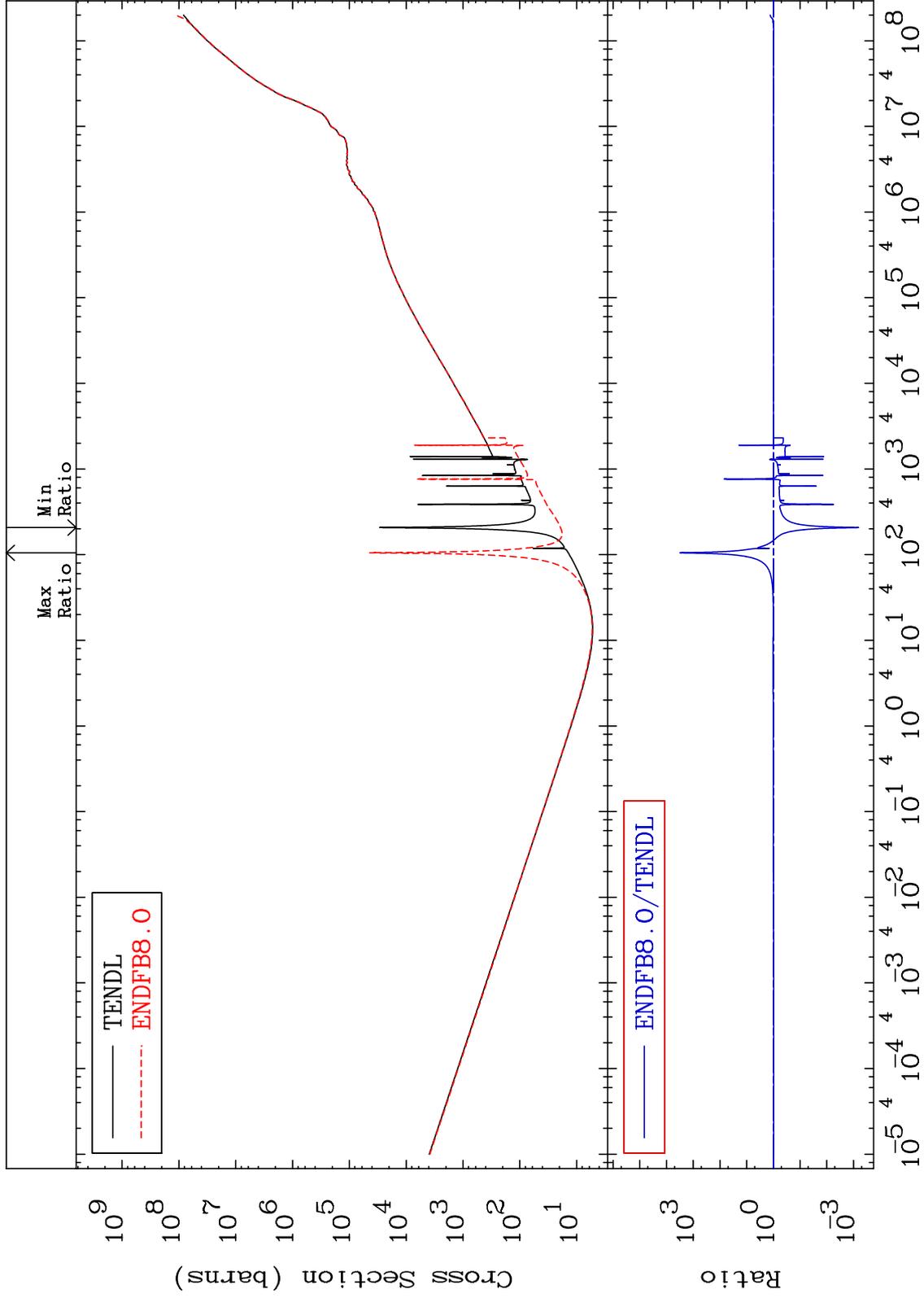
Incident Energy (eV)

82-Pb-205

MAT 8228

Total kinematic kerma (high limit)
Cross Section

82-Pb-205
-99.93 To 9999. %



73

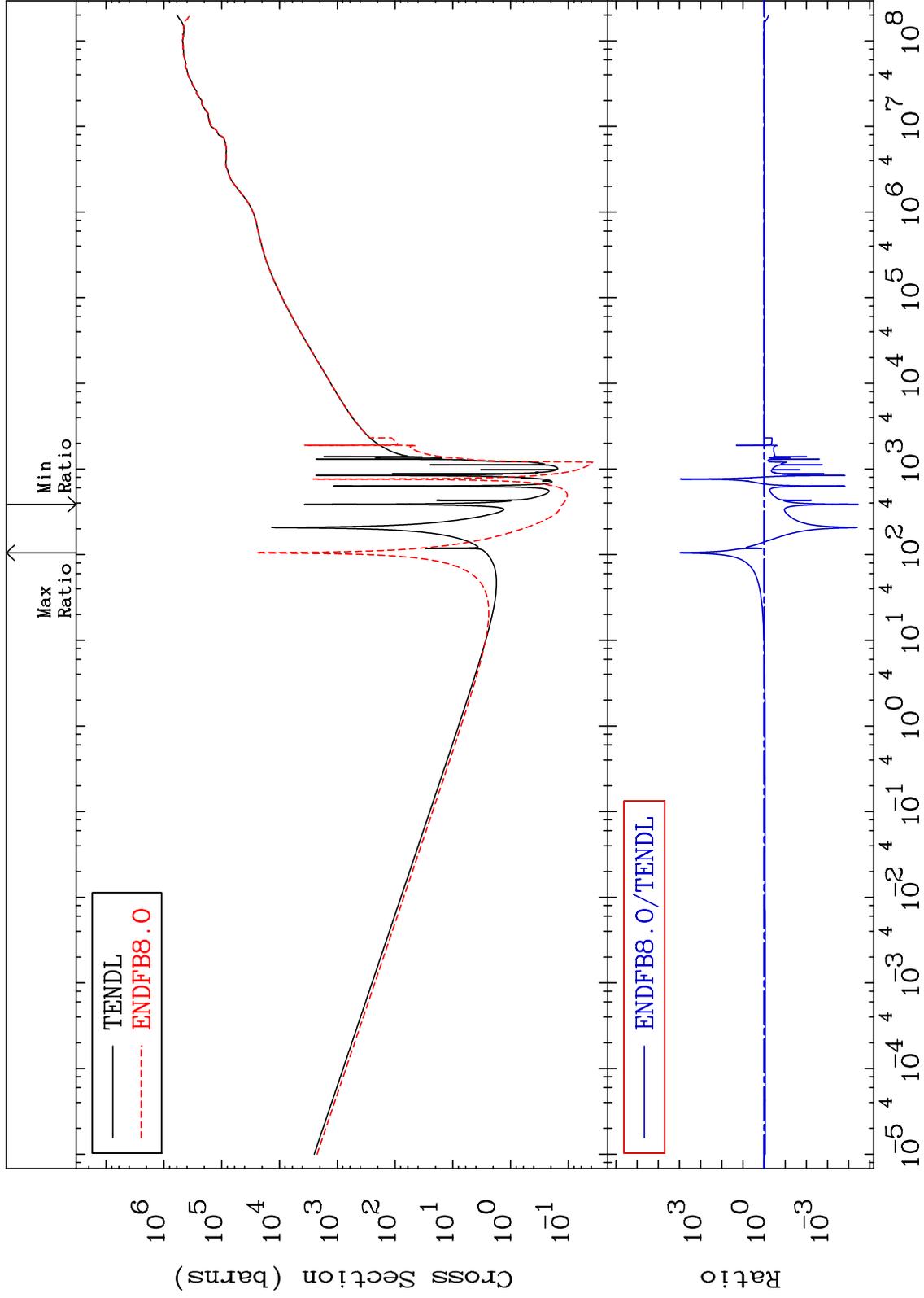
Incident Energy (eV)

82-Pb-205

MAT 8228

Dpa total (eV-barns)
Cross Section

82-Pb-205
-100.0 To 9999. %



74

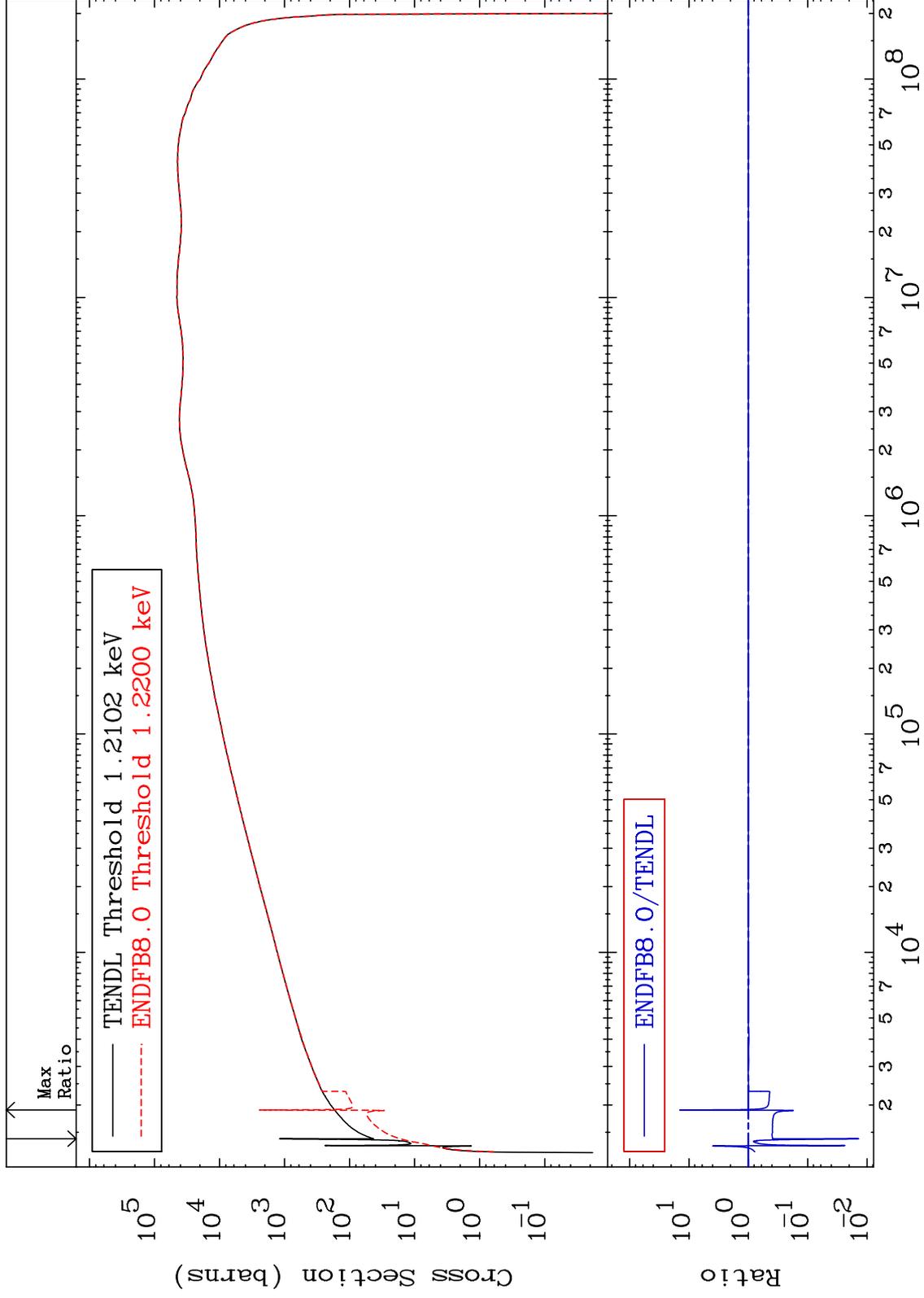
Incident Energy (eV)

82-Pb-205

MAT 8228

Dpa elastic (mt2)
Cross Section

82-Pb-205
-98.60 To 1325. %



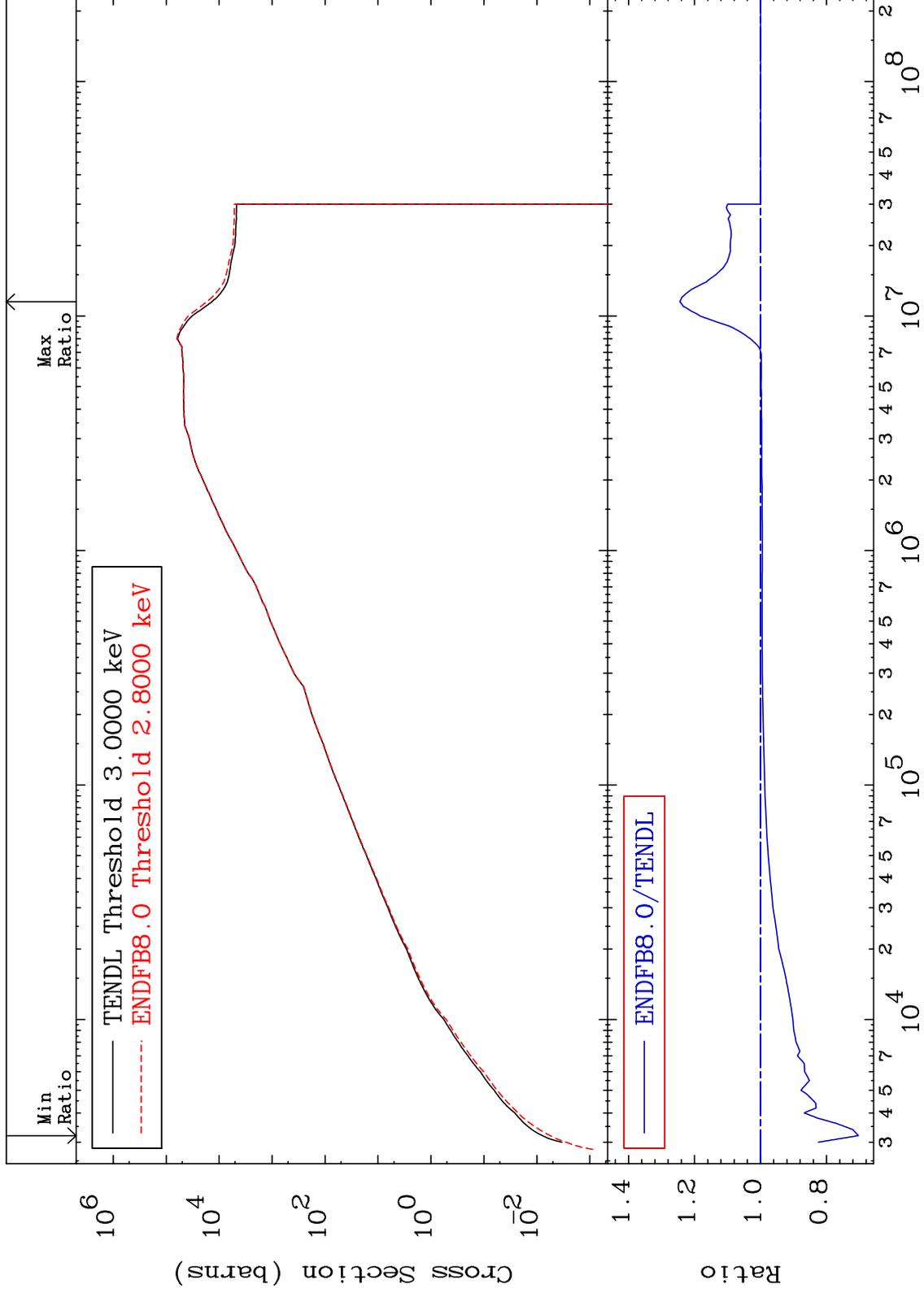
75

82-Pb-205

MAT 8228

Dpa inelastic (mt51-91)
Cross Section

82-Pb-205
-29.65 To 24.43 %



76

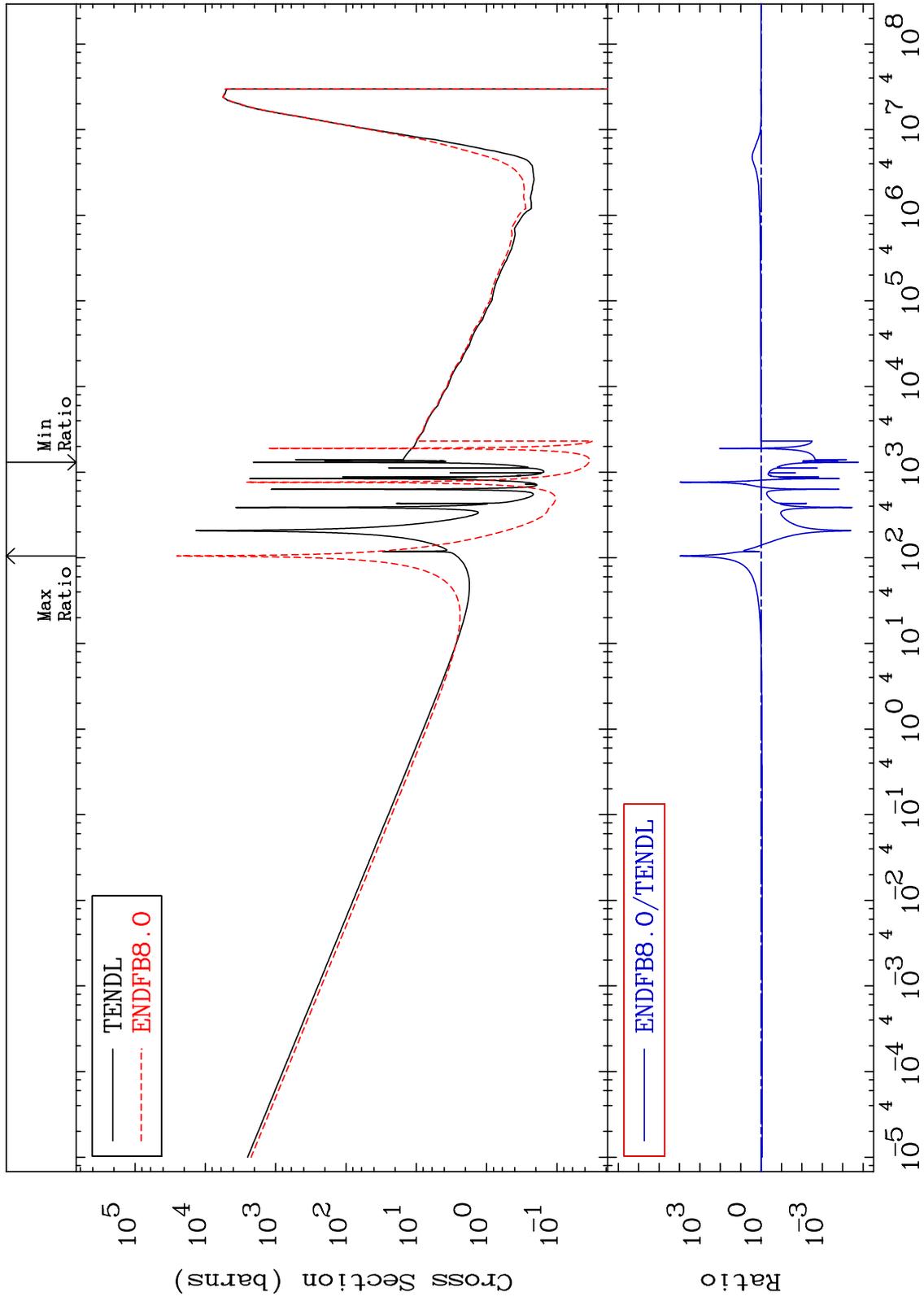
82-Pb-205

MAT 8228

Dpa disappearance (mt102 -120)

82-Pb-205

-100.0 To 9999. %



77

Incident Energy (eV)

82-Pb-205

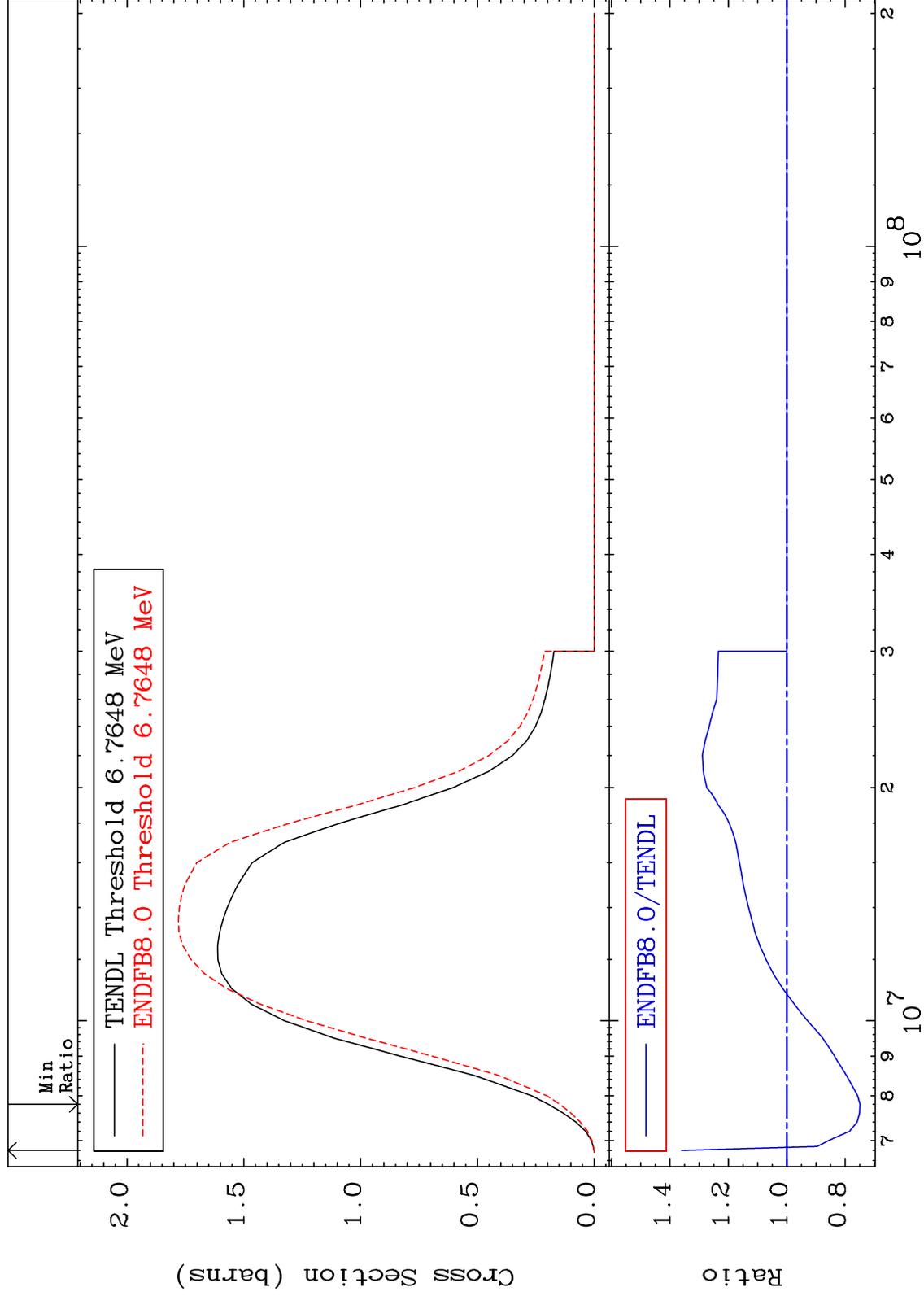
MAT 8228

(n,2n):82-Pb-204g

82-Pb-205

Radionuclide Production Cross Section

-25.07 To 36.03 %



78

Incident Energy (eV)

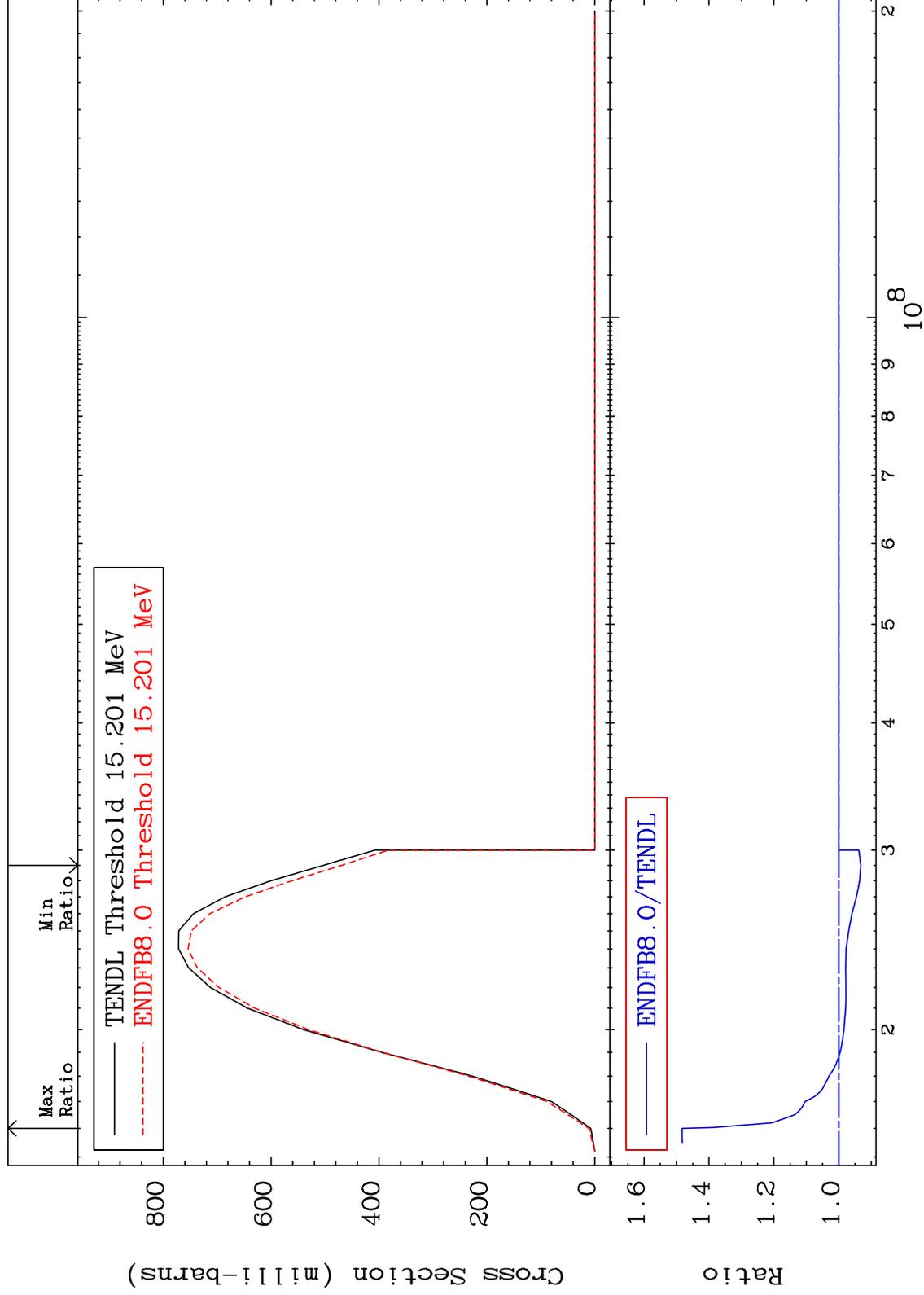
82-Pb-205

MAT 8228

(n,3n):82-Pb-203g

82-Pb-205

Radionuclide Production Cross Section -6.780 To 48.26 %



79

Incident Energy (eV)

82-Pb-205

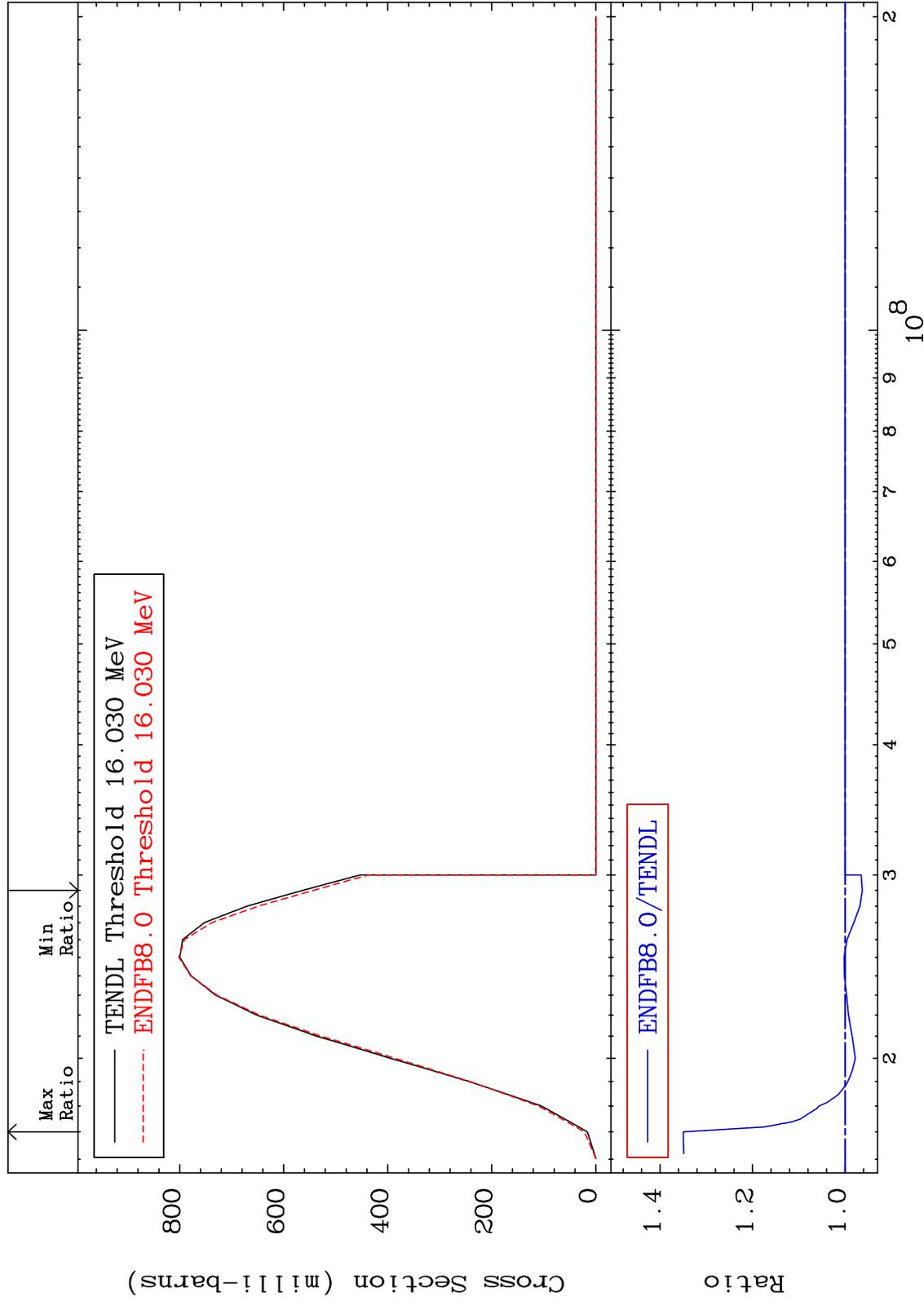
MAT 8228

(n, 3n): 82-Pb-203m6

82-Pb-205

Radionuclide Production Cross Section

-3.732 To 34.95 %



80

Incident Energy (eV)

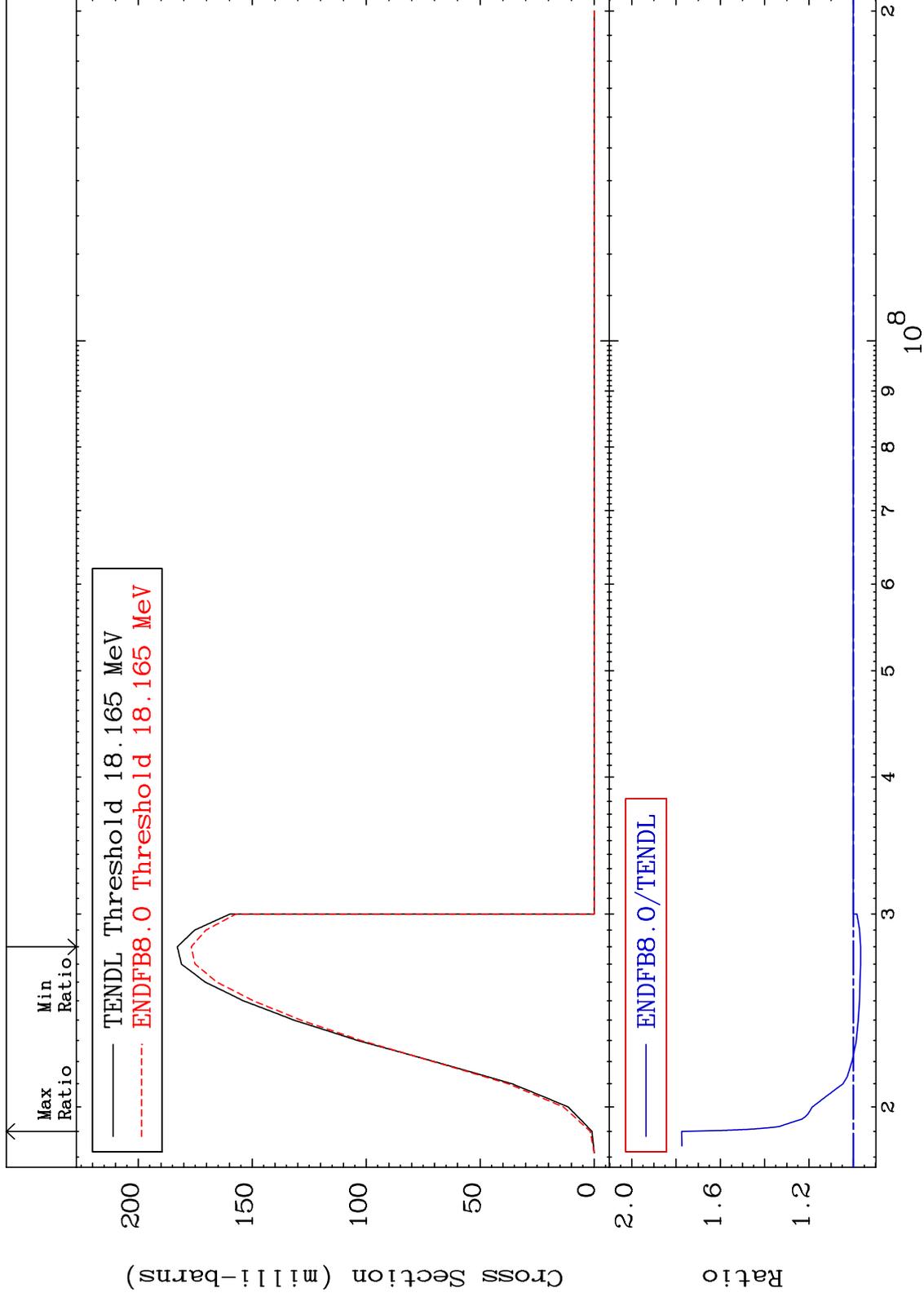
82-Pb-205

MAT 8228

(n,3n):82-Pb-203m10

82-Pb-205

Radionuclide Production Cross Section -3.330 To 77.45 %

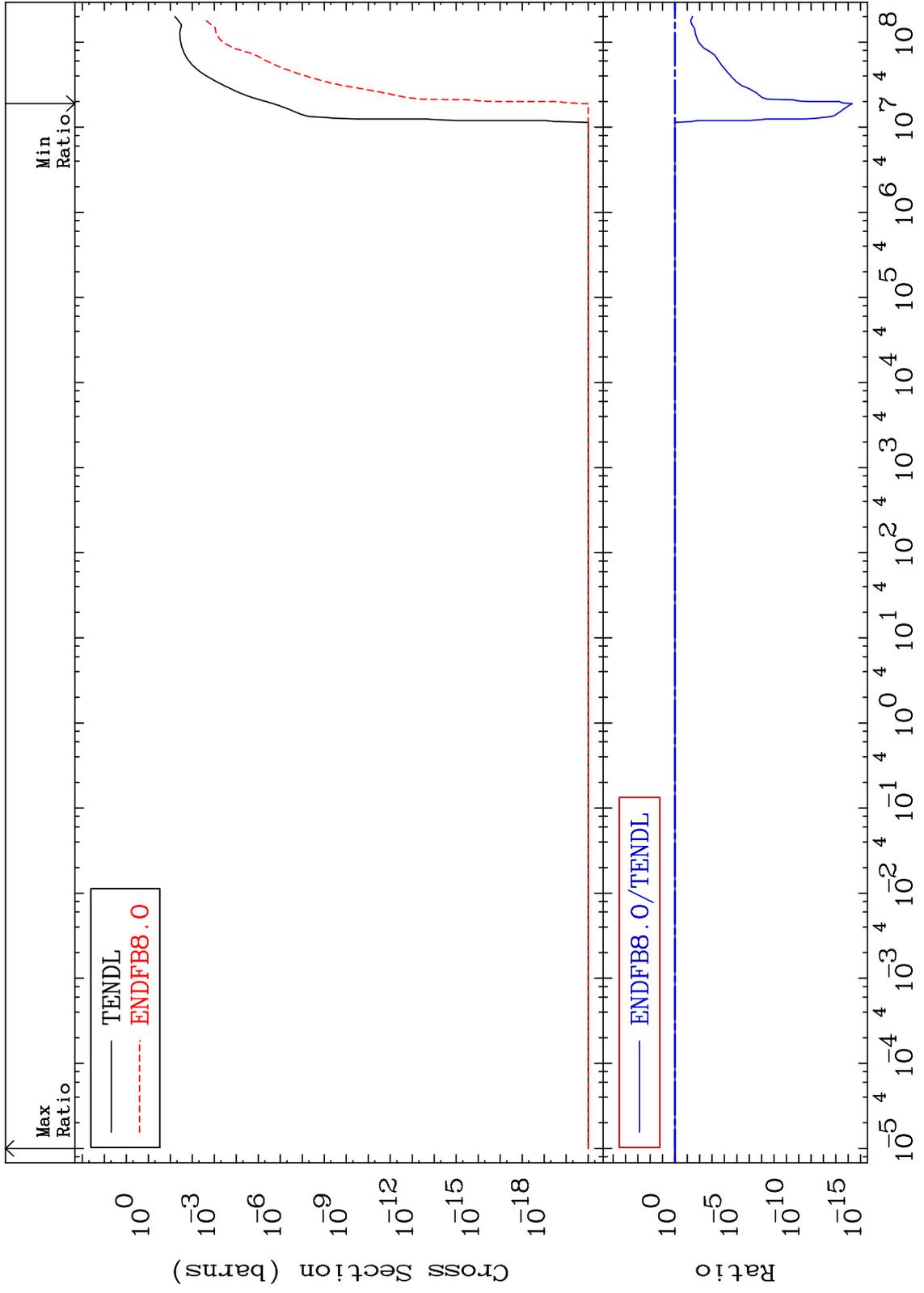


MAT 8228

Fission: 0-??-Nat

82-Pb-205

Radionuclide Production Cross Section -100.0 To 0.000 %



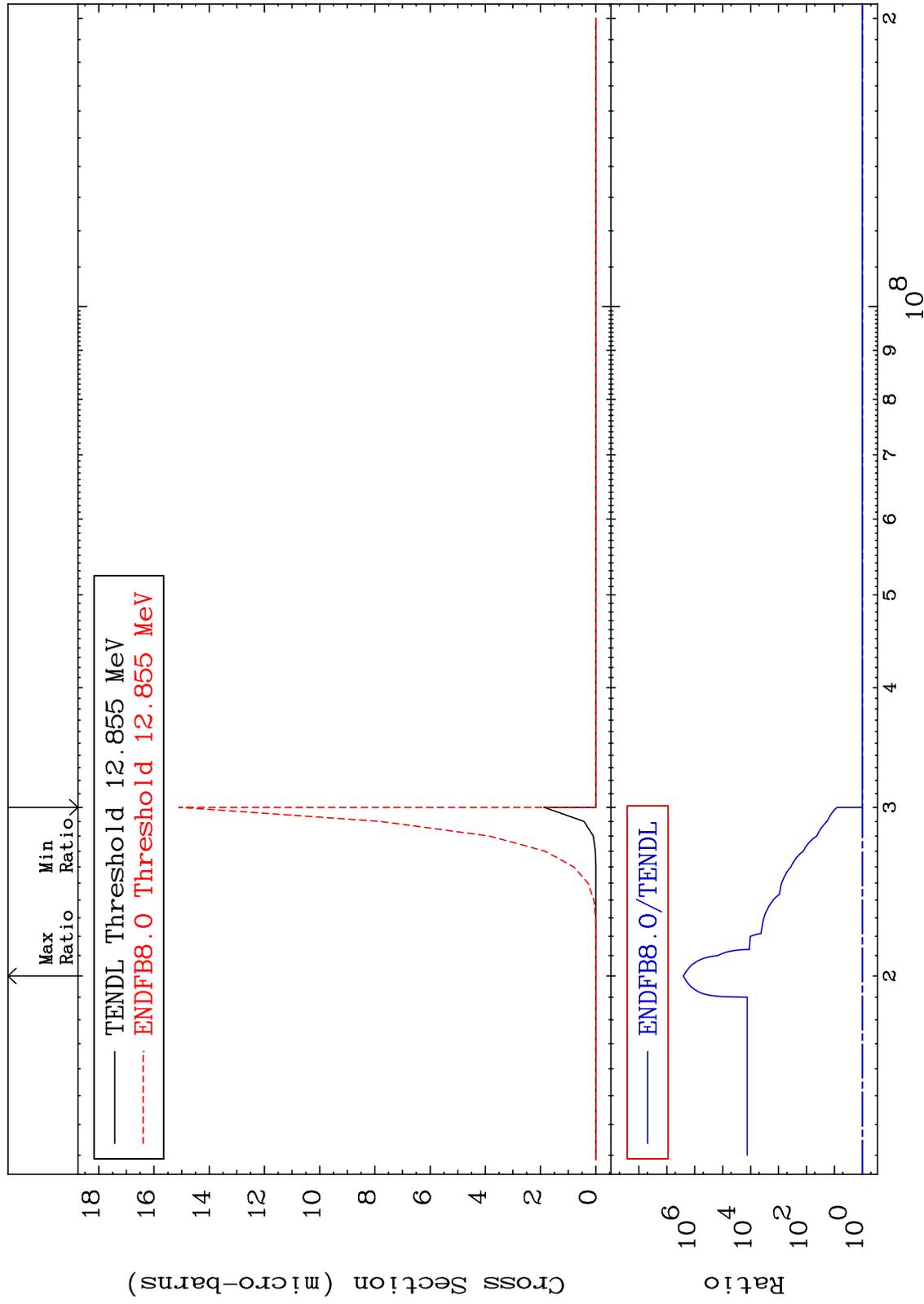
82

Incident Energy (eV)

82-Pb-205

MAT 8228

(n,3n) α :80-Hg-199g 82-Pb-205
Radionuclide Production Cross Section 0.000 To 9999. %

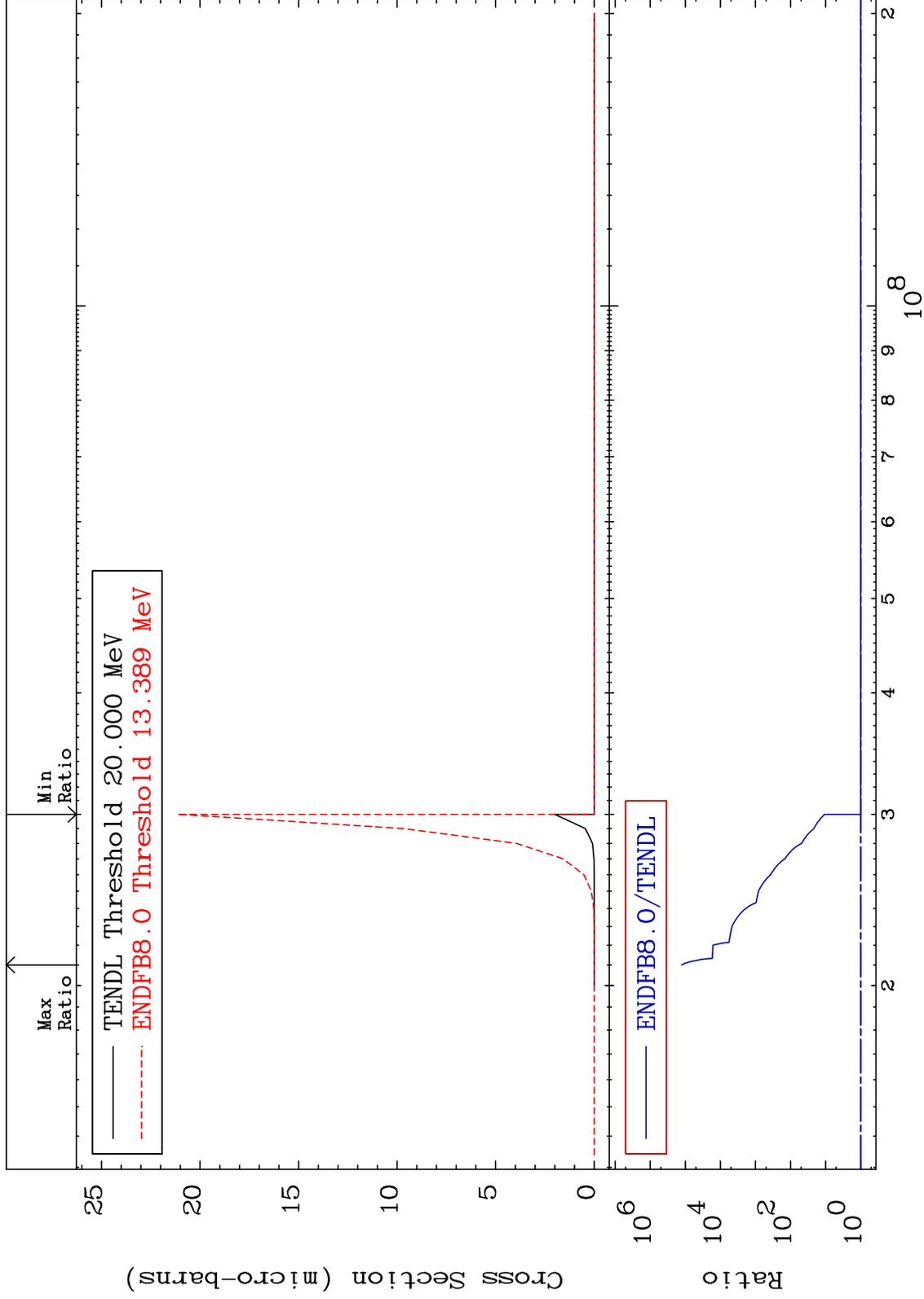


MAT 8228

(n,3n) α :80-Hg-199m7

82-Pb-205

Radionuclide Production Cross Section 0.000 To 9999. %

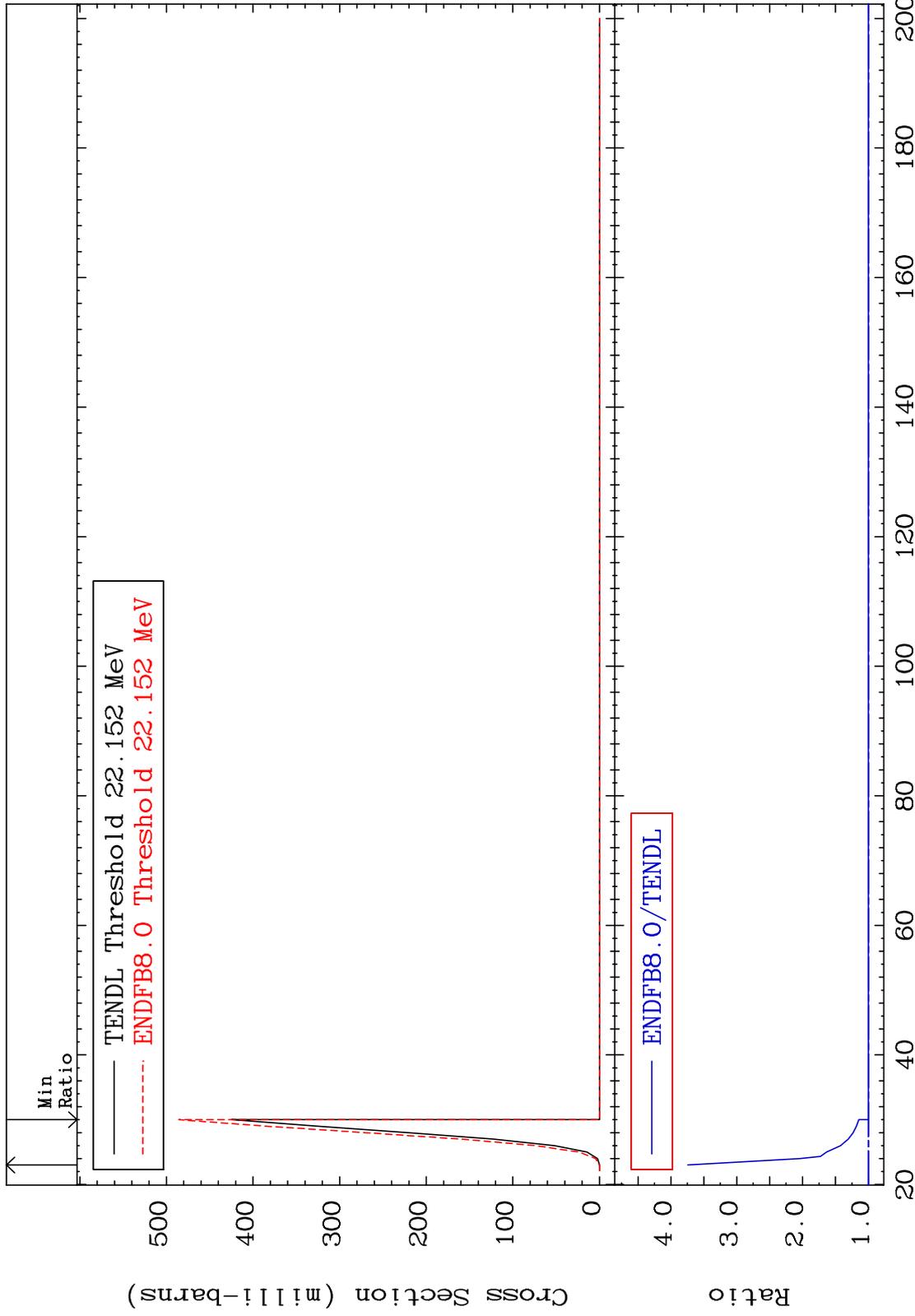


MAT 8228

(n,4n) : 82-Pb-202g

82-Pb-205

Radionuclide Production Cross Section 0.000 To 274.3 %



85

Incident Energy (MeV)

82-Pb-205