

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

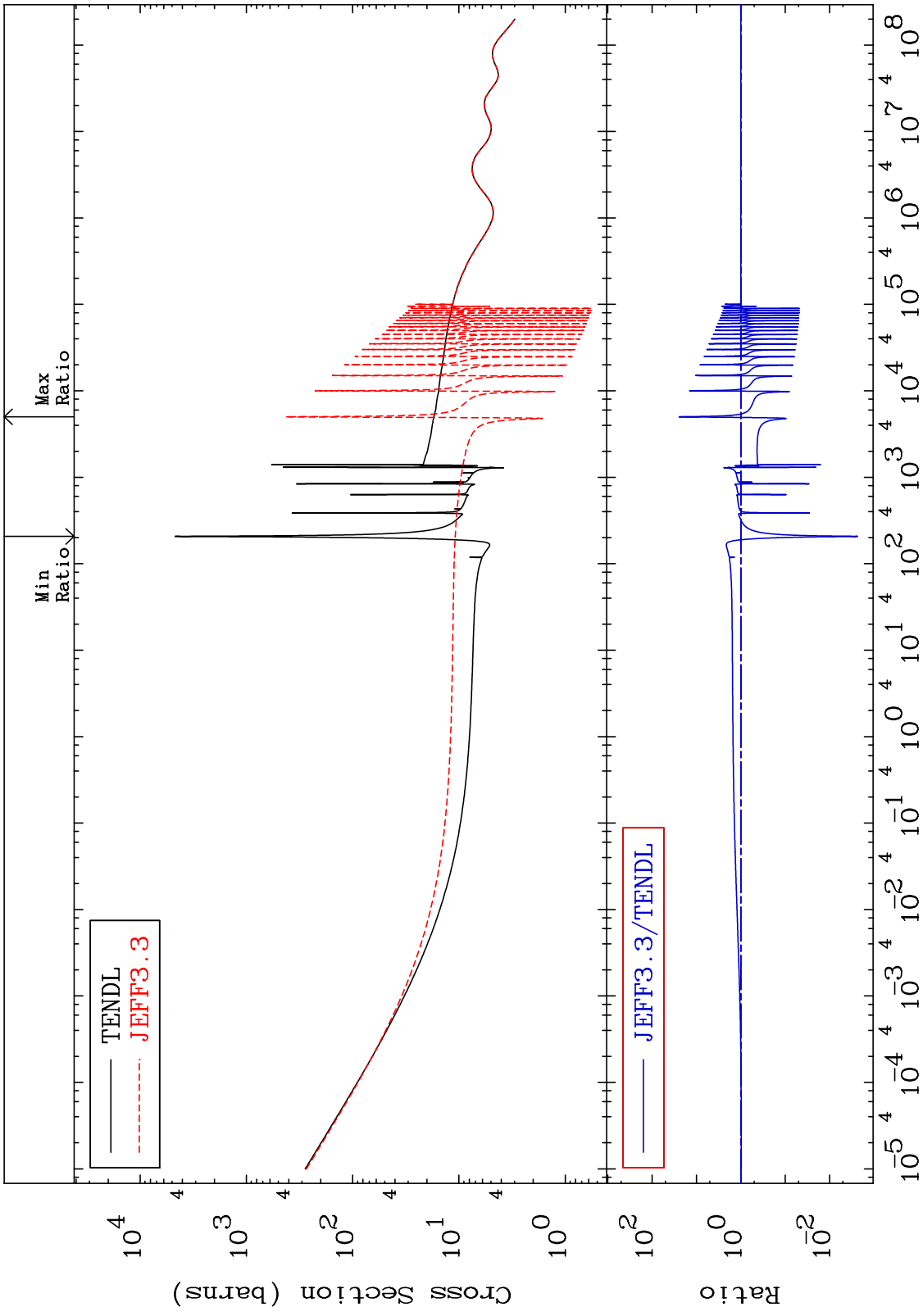
MAT 8228

Total

82-Pb-205

Cross Section

-99.77 To 2375. %



1

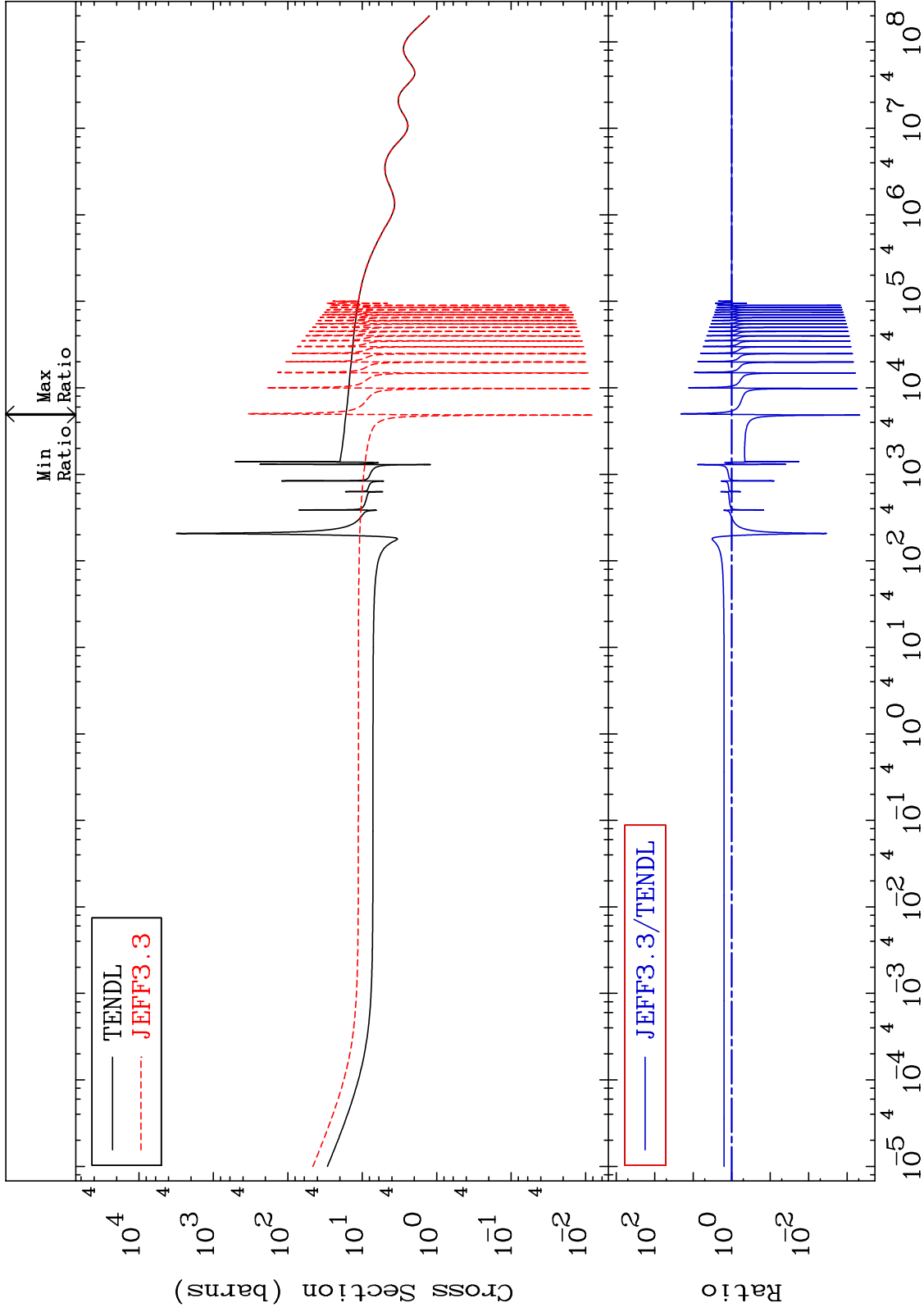
Incident Energy (eV)

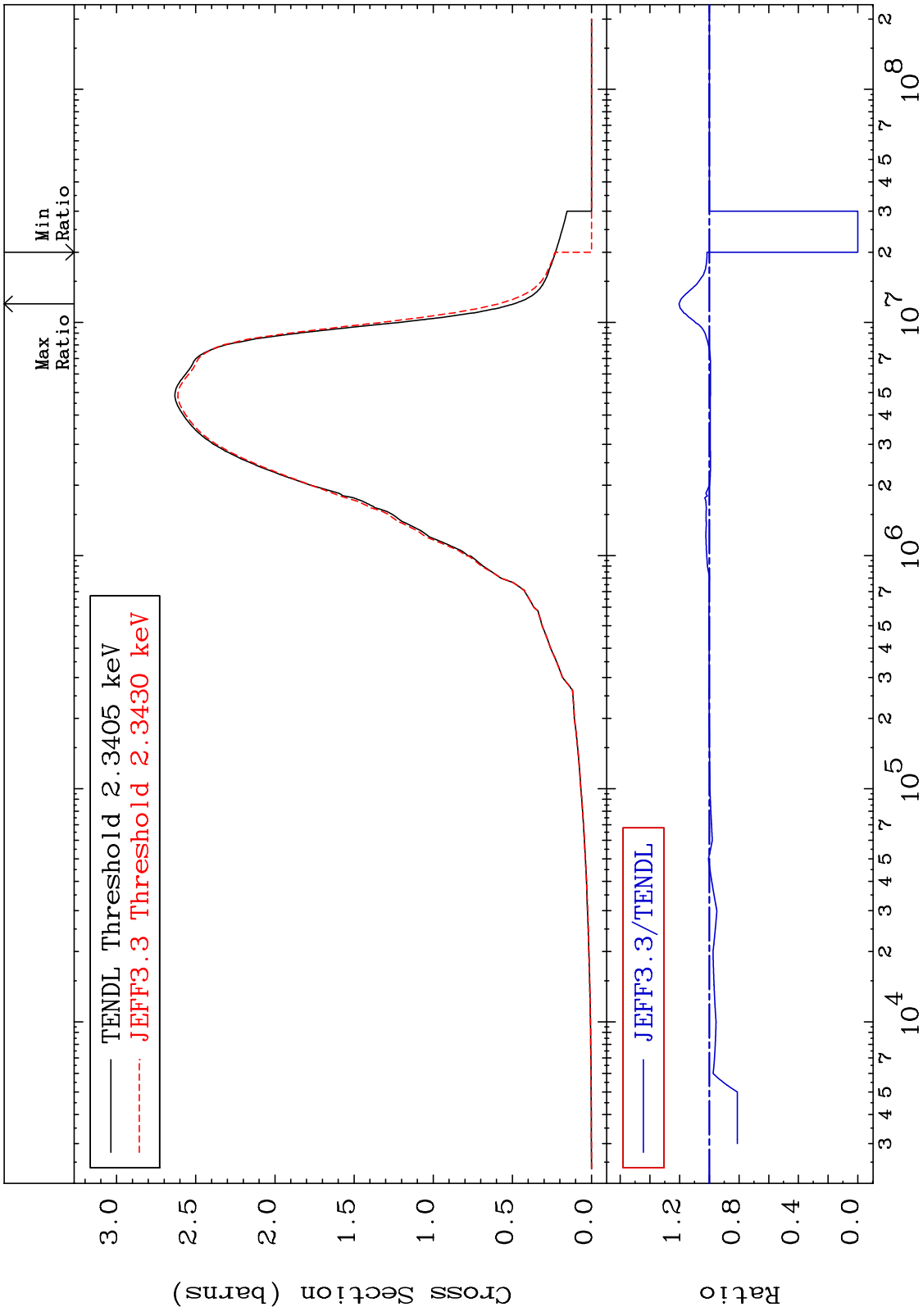
82-Pb-205

MAT 8228

Elastic  
Cross Section

82-Pb-205  
-99.95 To 1993. %

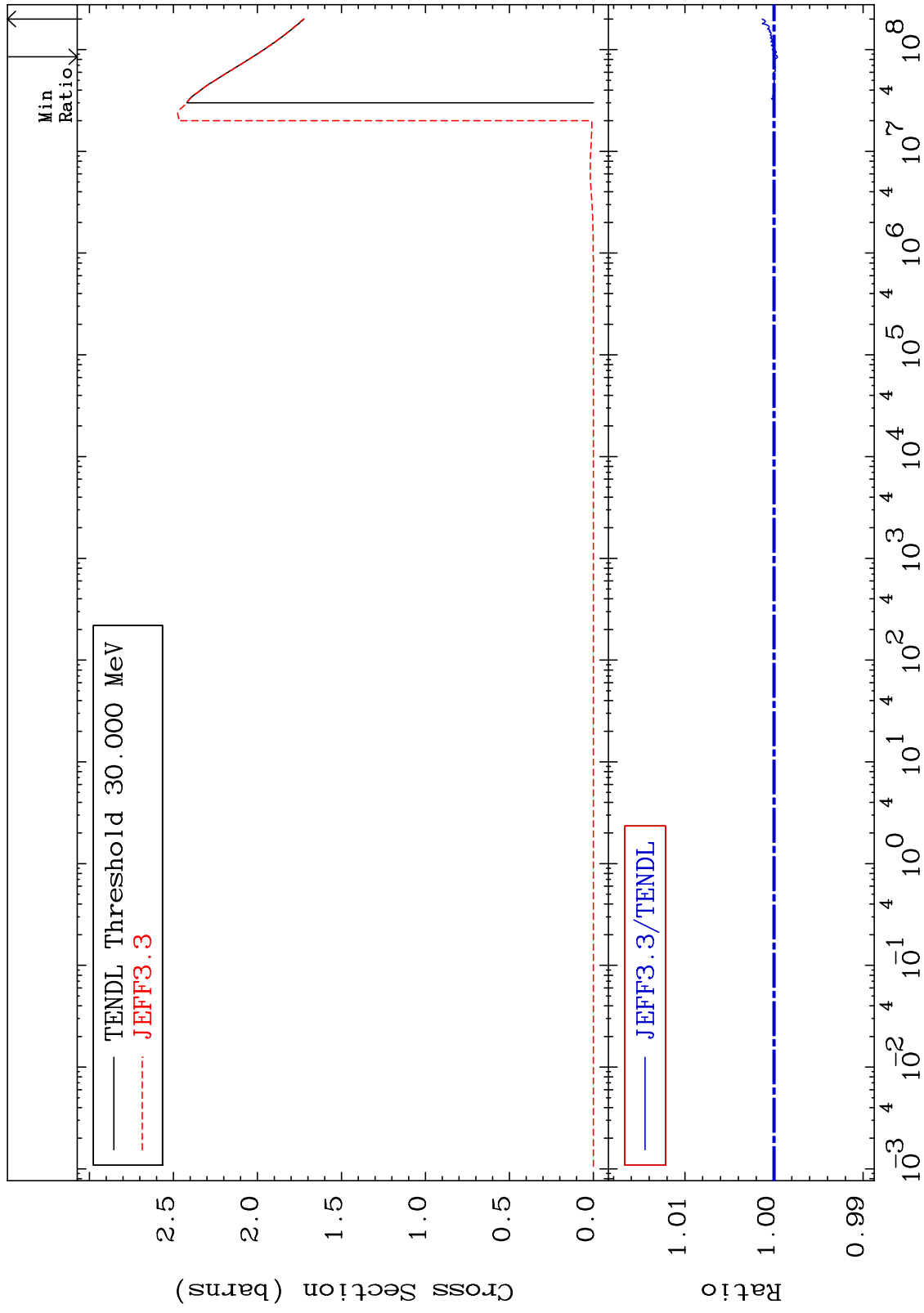




MAT 8228

(n, remainder)  
Cross Section

82-Pb-205  
-0.038 To 0.133 %



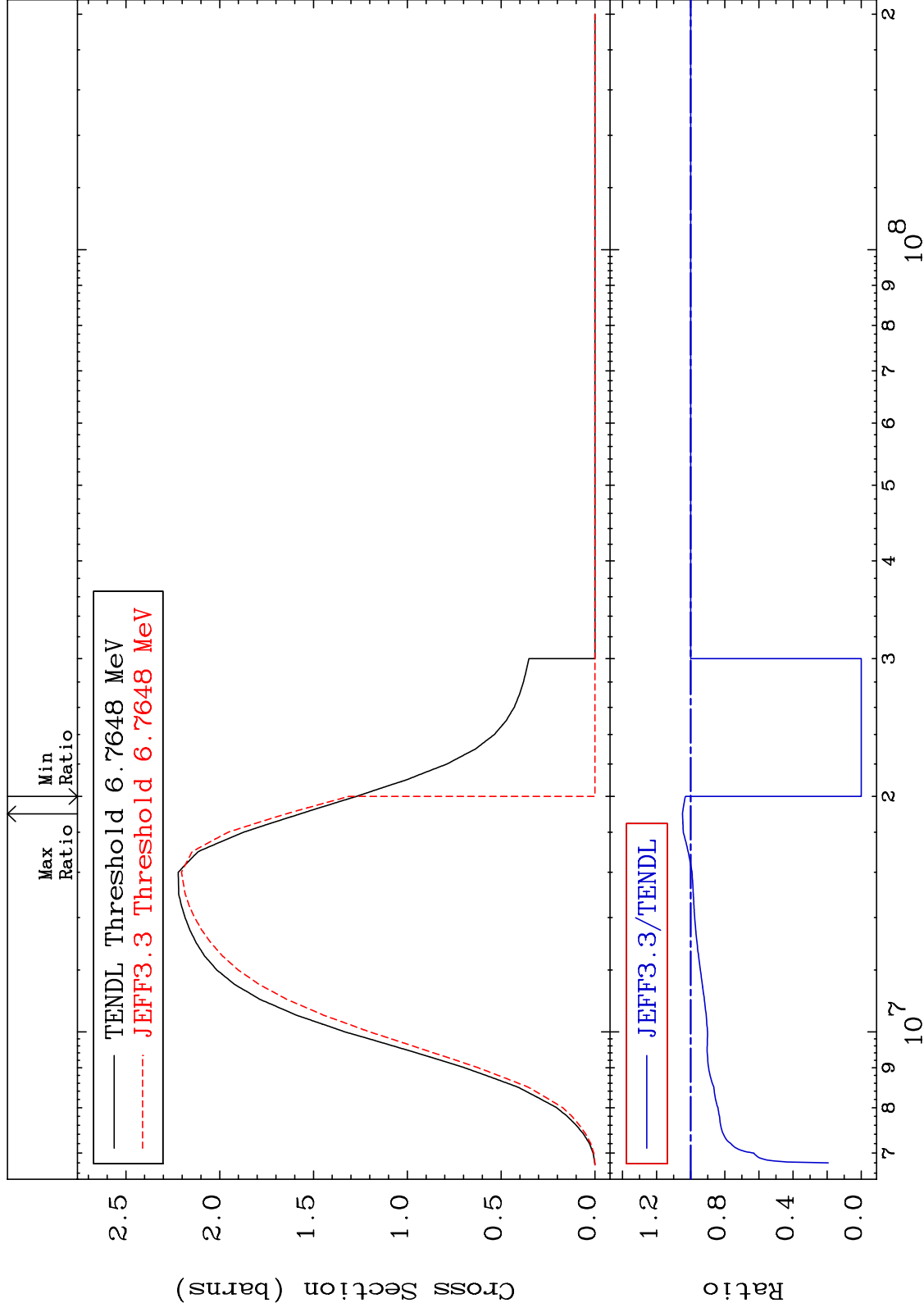
MAT 8228

(n,2n)

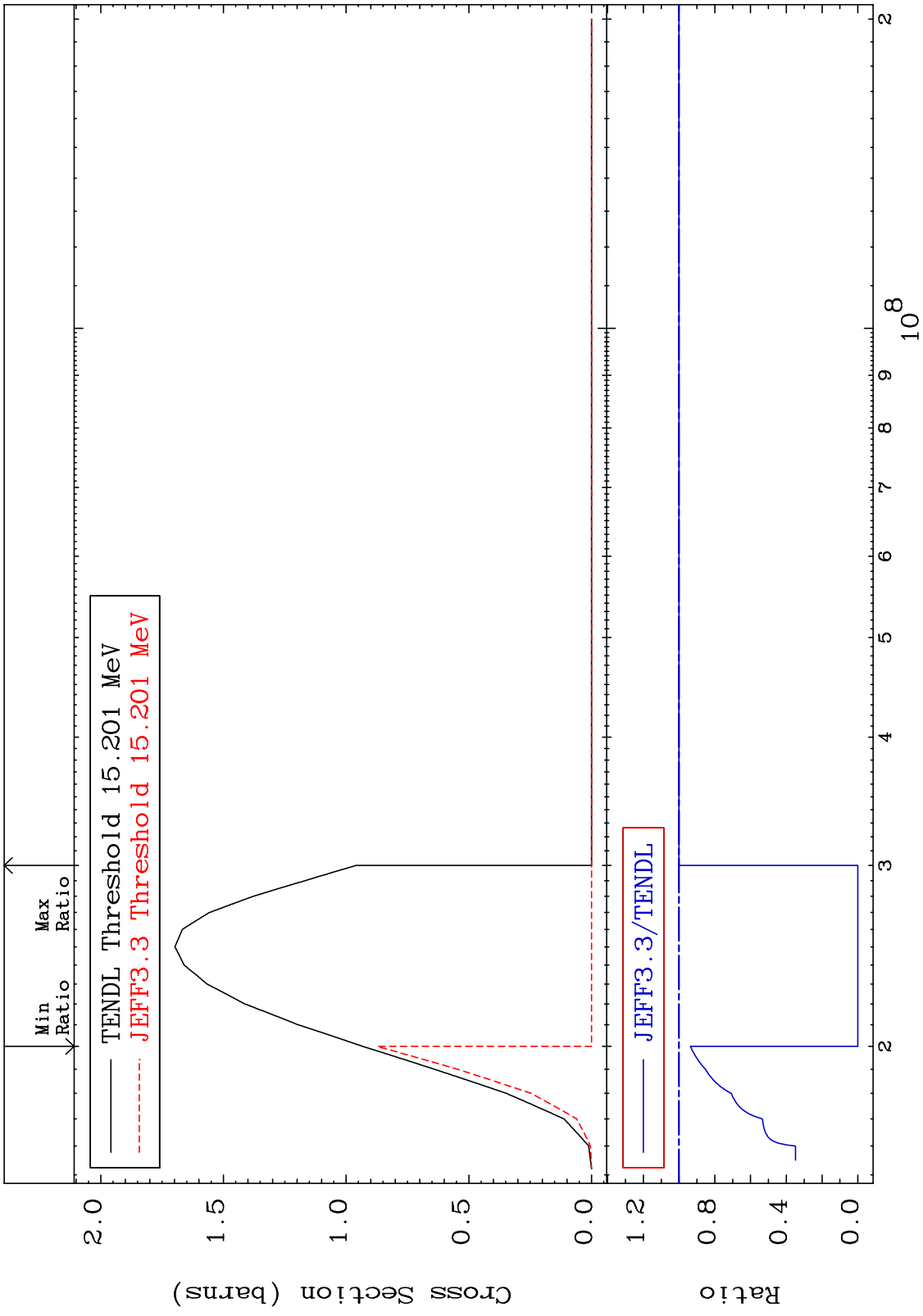
82-Pb-205

Cross Section

-100.0 To 4.826 %



MAT 8228  $(n, 3n)$  82-Pb-205  
 Cross Section -100.0 To 0.000 %



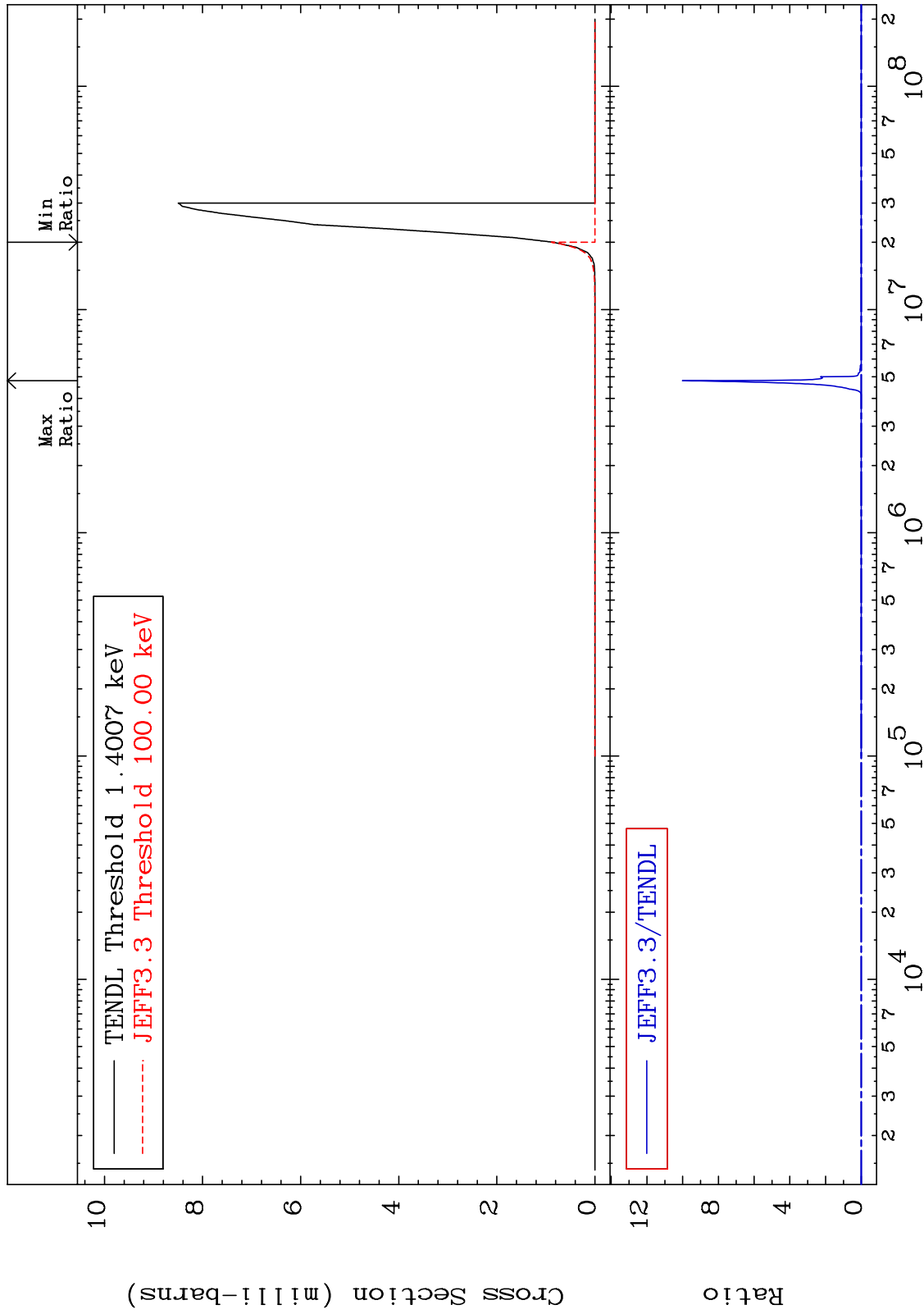
MAT 8228

$(n, n') \alpha$

82-Pb-205

Cross Section

-100.0 To 9999. %





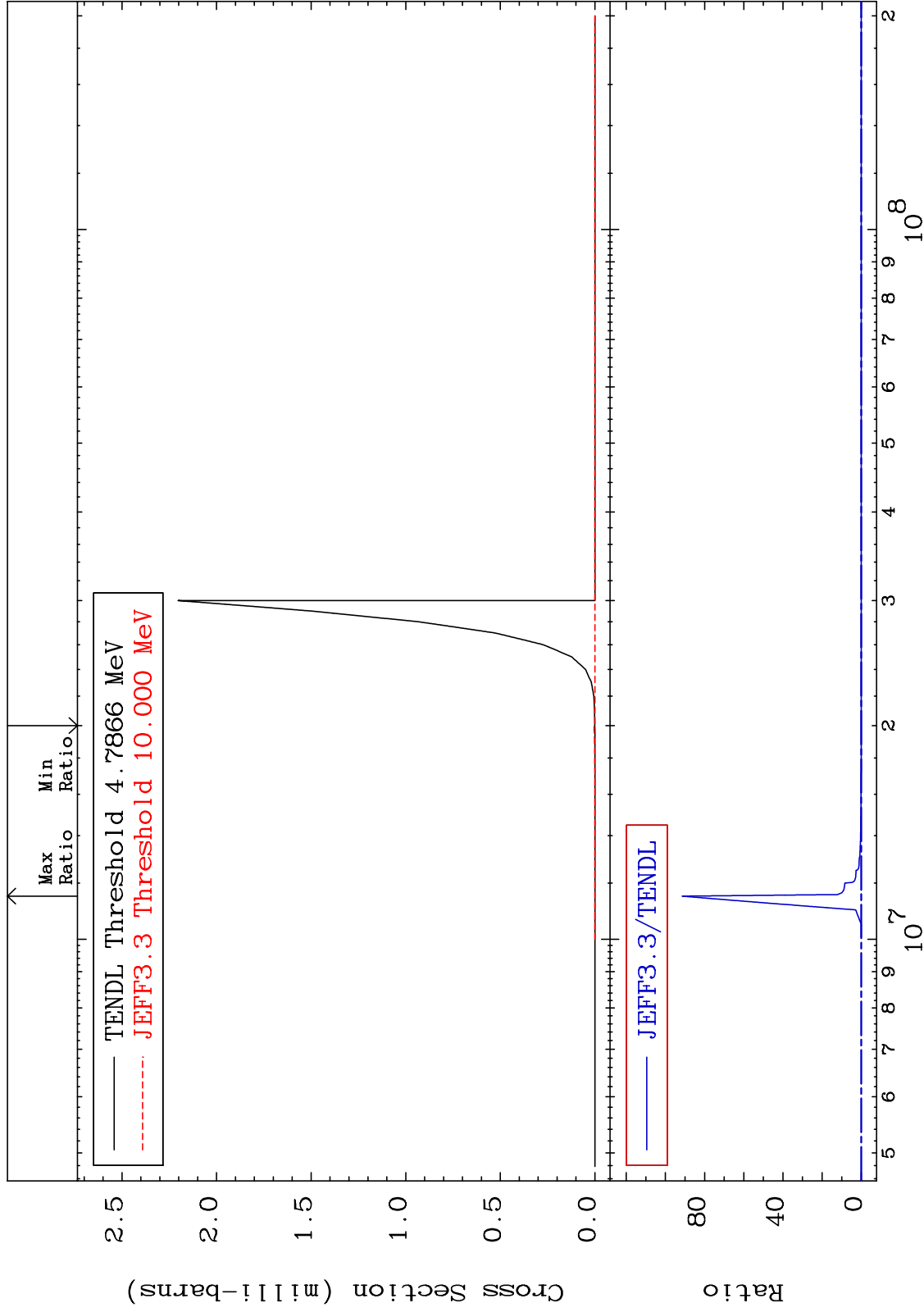
MAT 8228

(n,2n)  $\alpha$

82-Pb-205

-100.0 To 9999. %

Cross Section

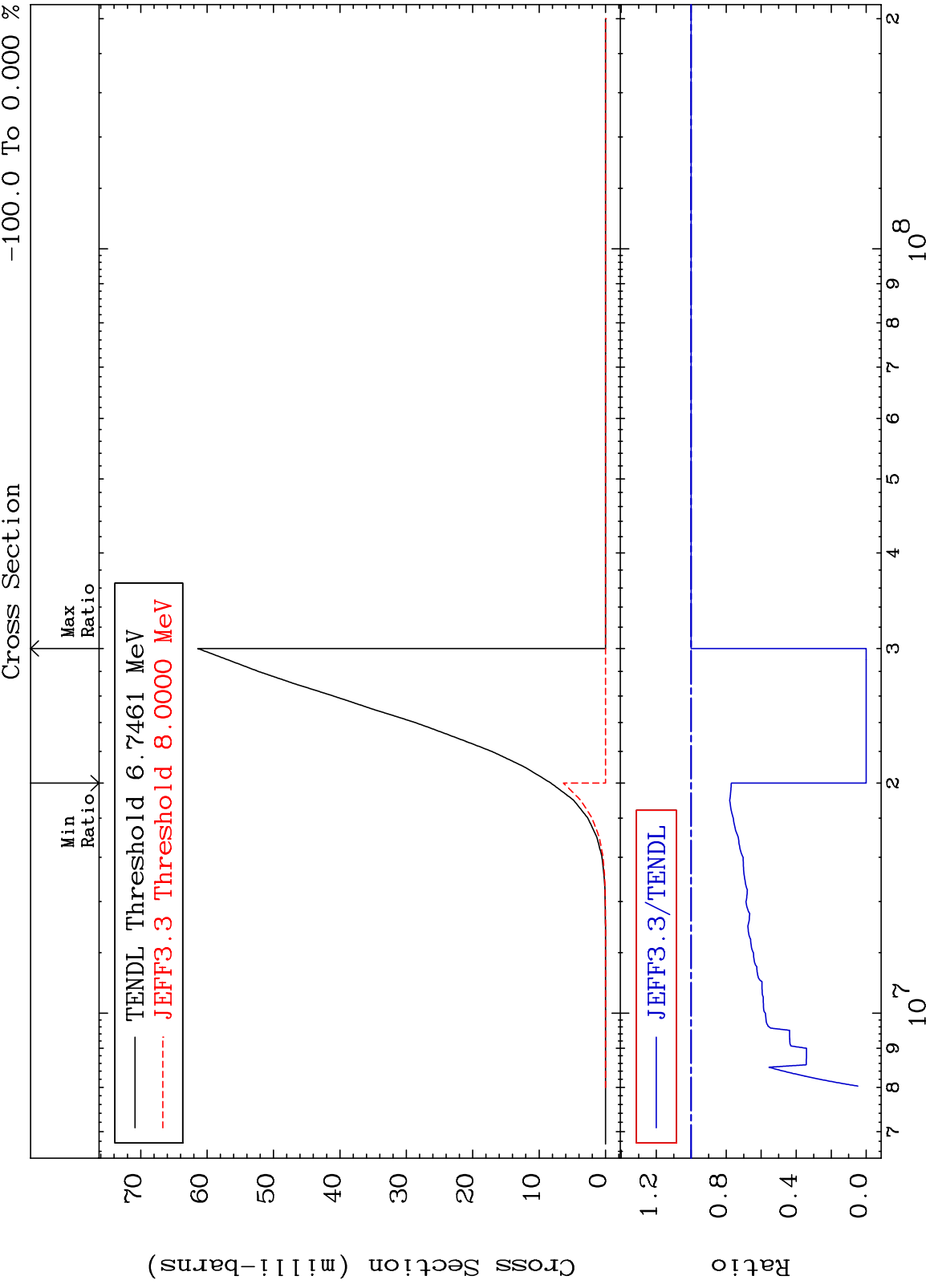


8

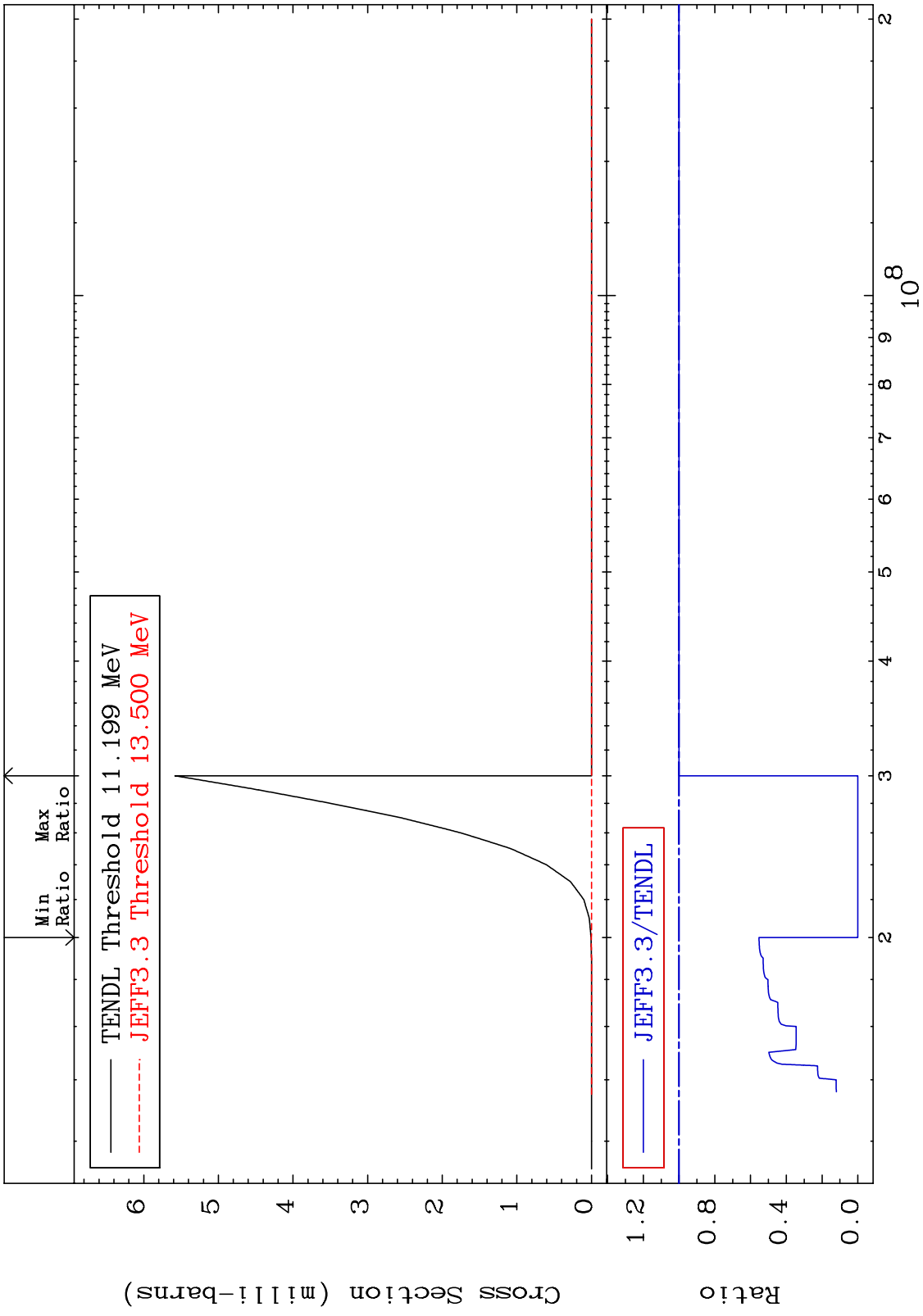
Incident Energy (eV)

82-Pb-205

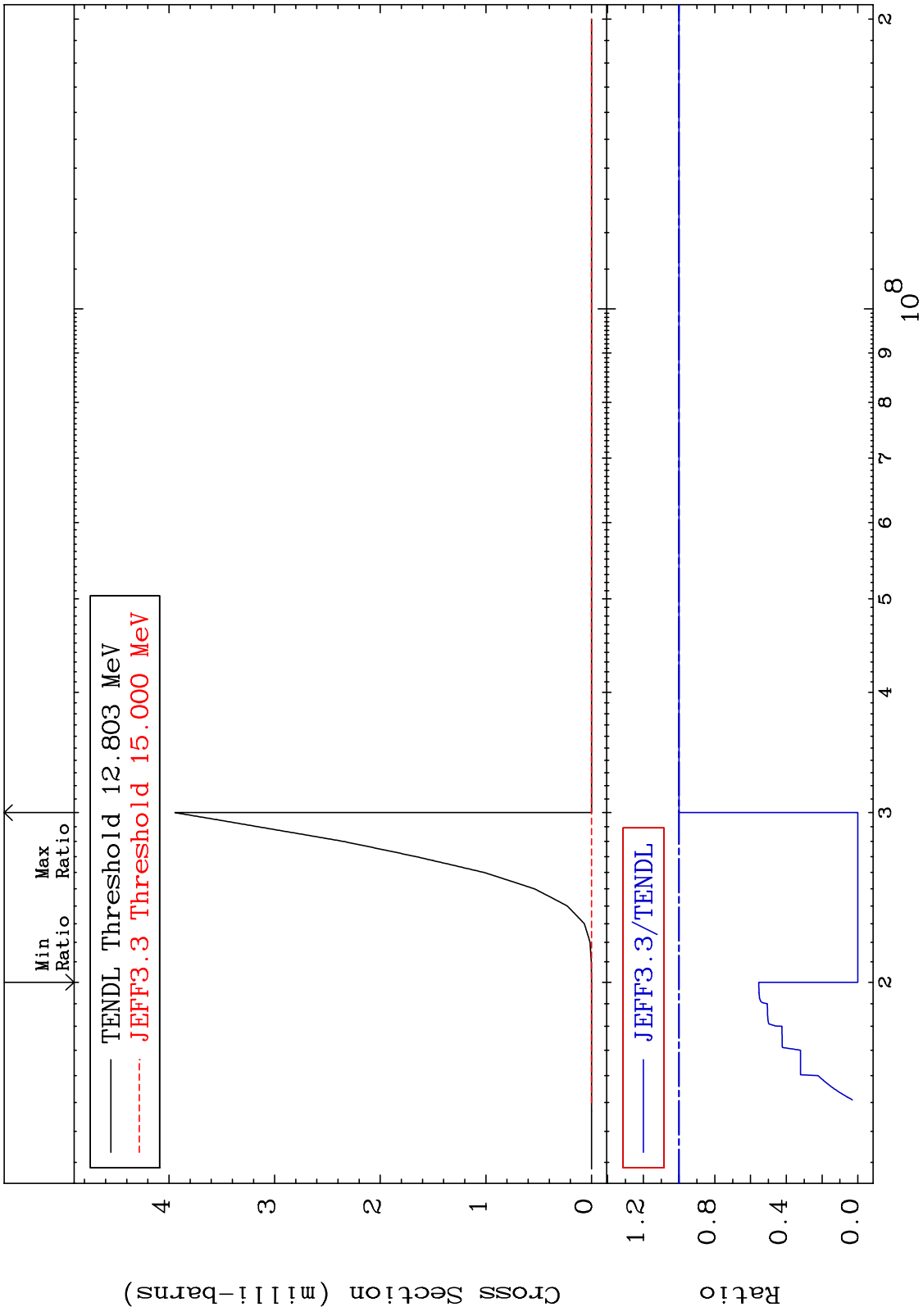
MAT 8228  $(n, n')$  p 82-Pb-205 -100.0 To 0.000 %



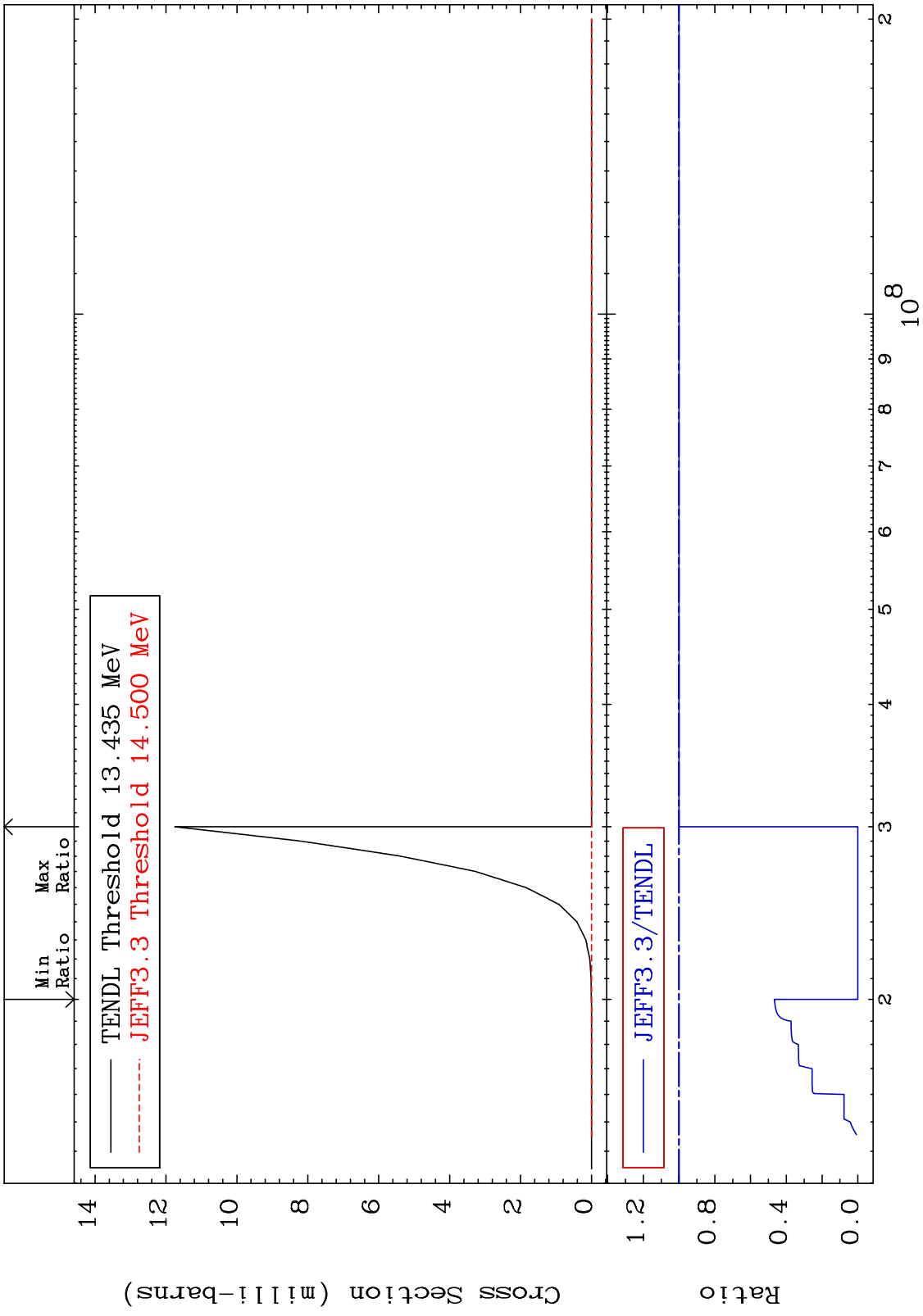
9 82-Pb-205



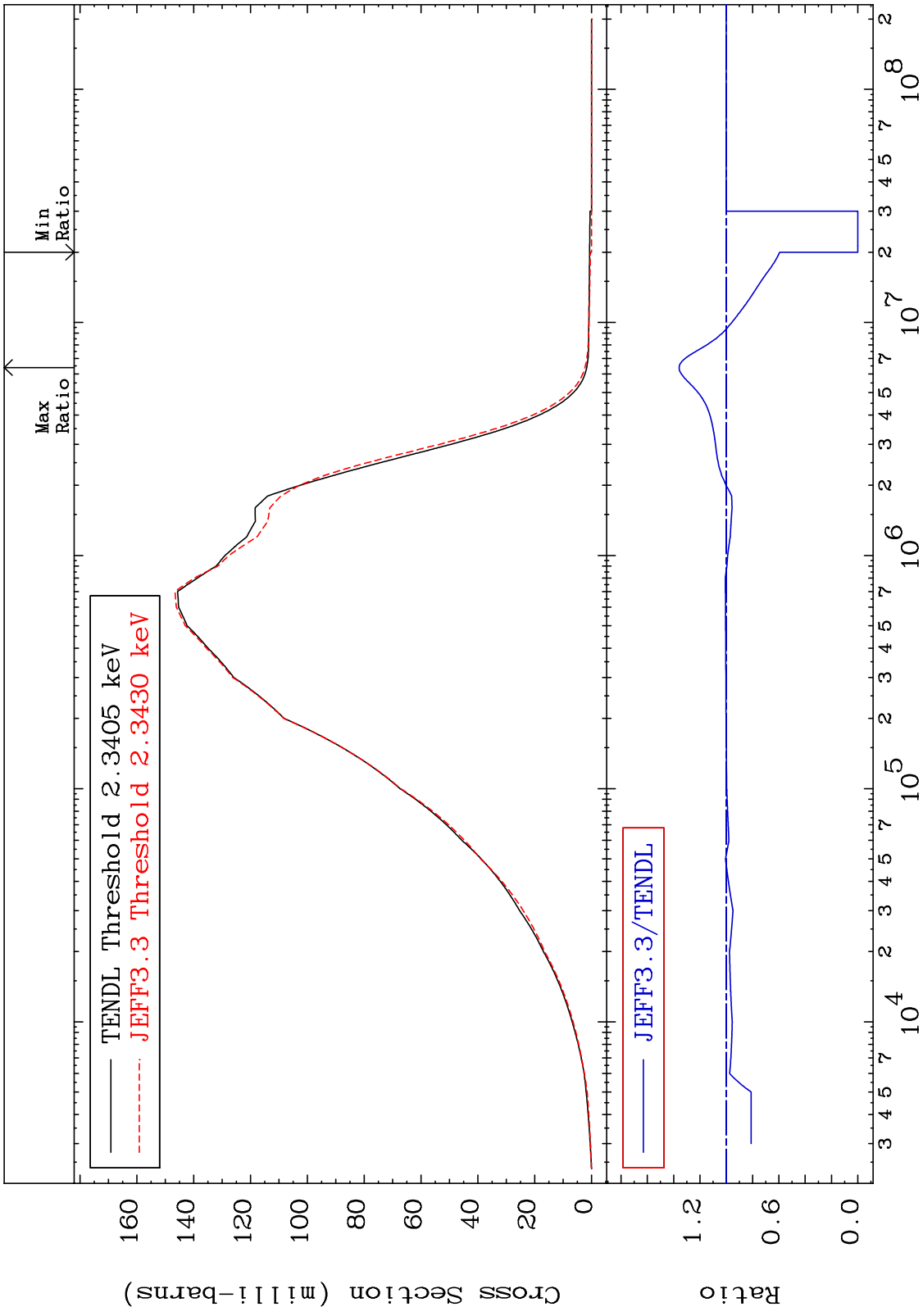
MAT 8228  $(n, n') t$  82-Pb-205  
 Cross Section -100.0 To 0.000 %



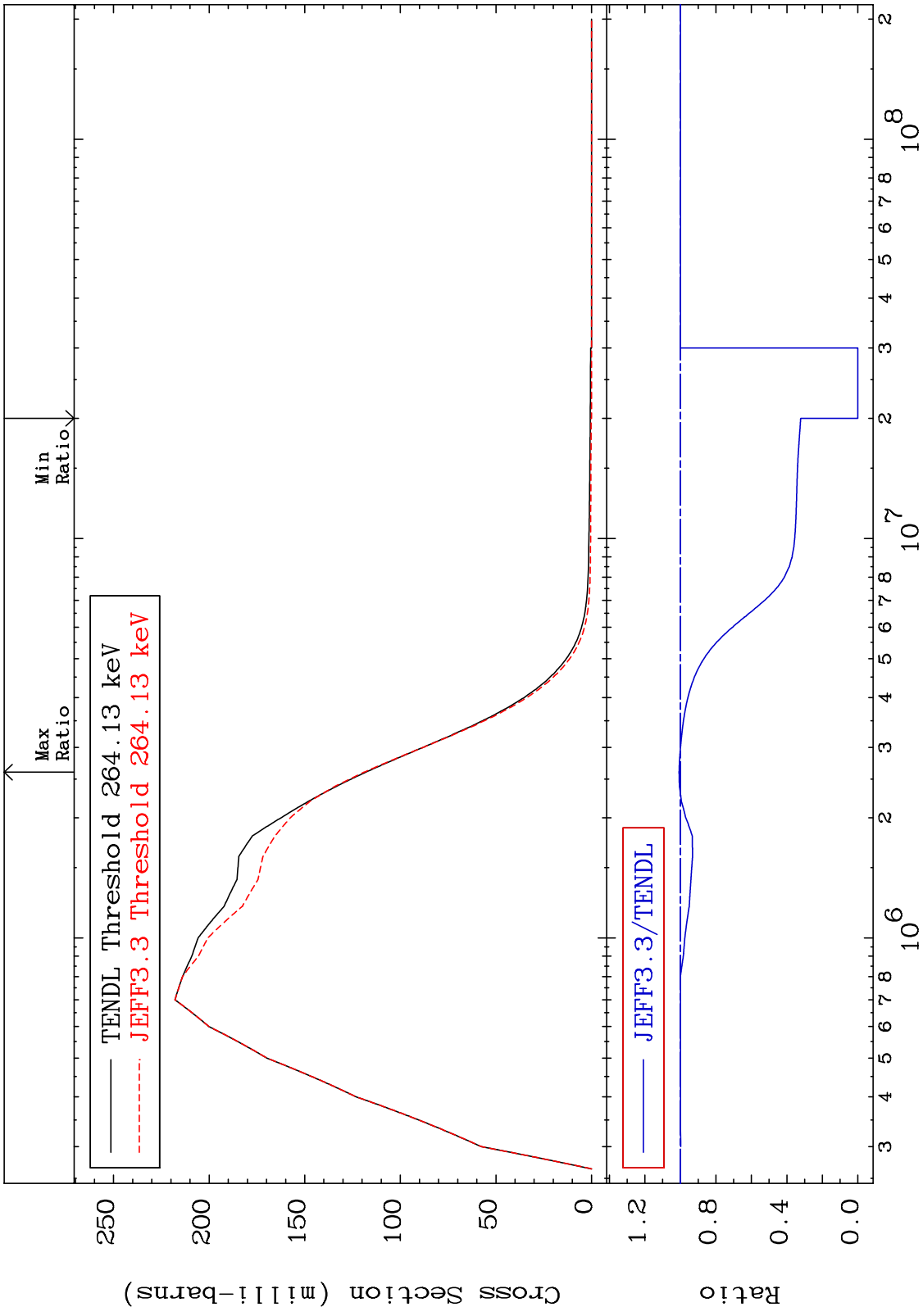
MAT 8228 (n,2n) p 82-Pb-205  
 Cross Section -100.0 To 0.000 %



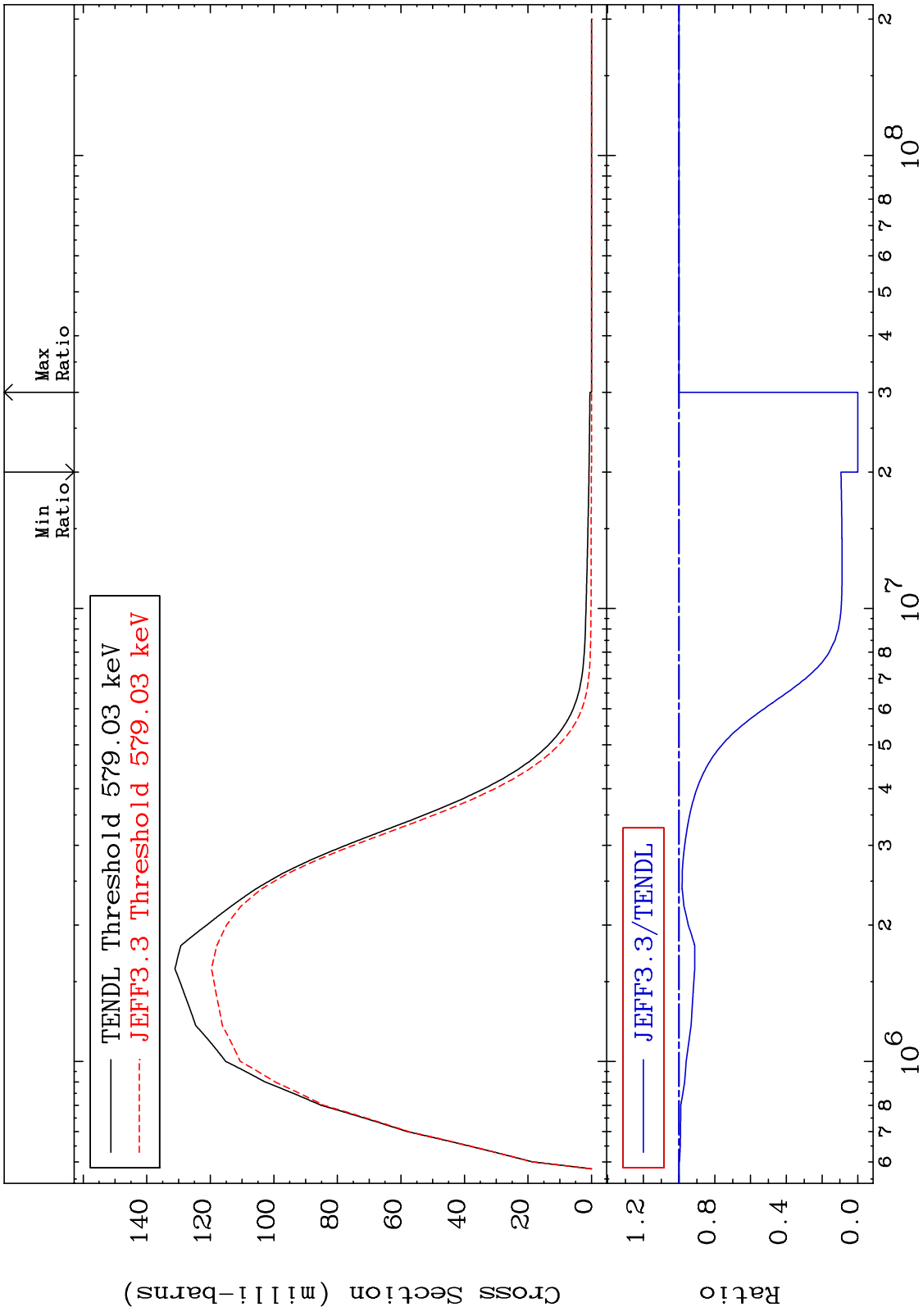
MAT 8228 MT= 51 (n,n') Level Cross Section 82-Pb-205  
 -100.0 To 35.88 %



MAT 8228 MT= 52 (n,n') Level Cross Section -100.0 To 0.767 % 82-Pb-205

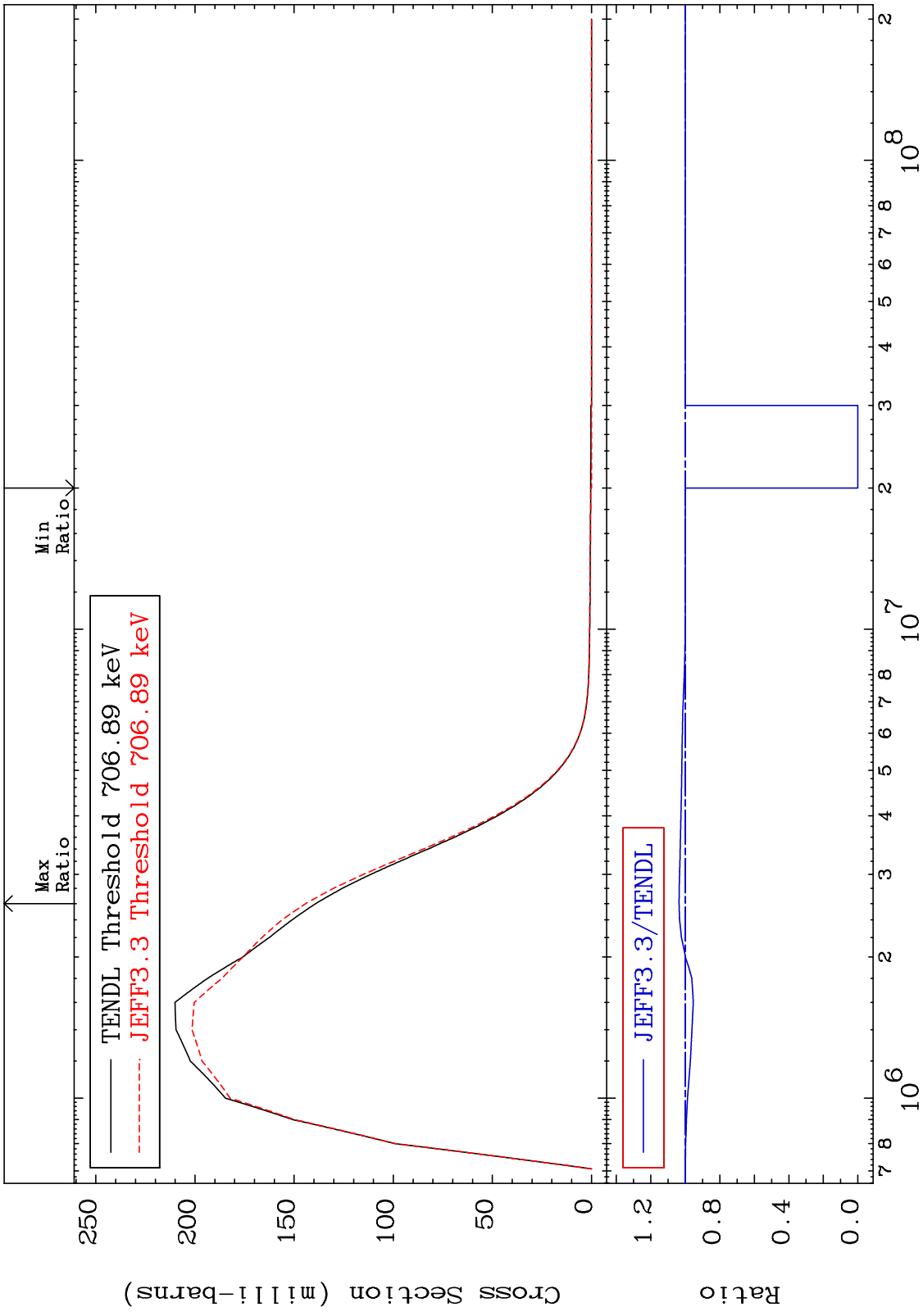


MAT 8228 MT= 53 (n,n') Level Cross Section -100.0 To 0.000 % 82-Pb-205

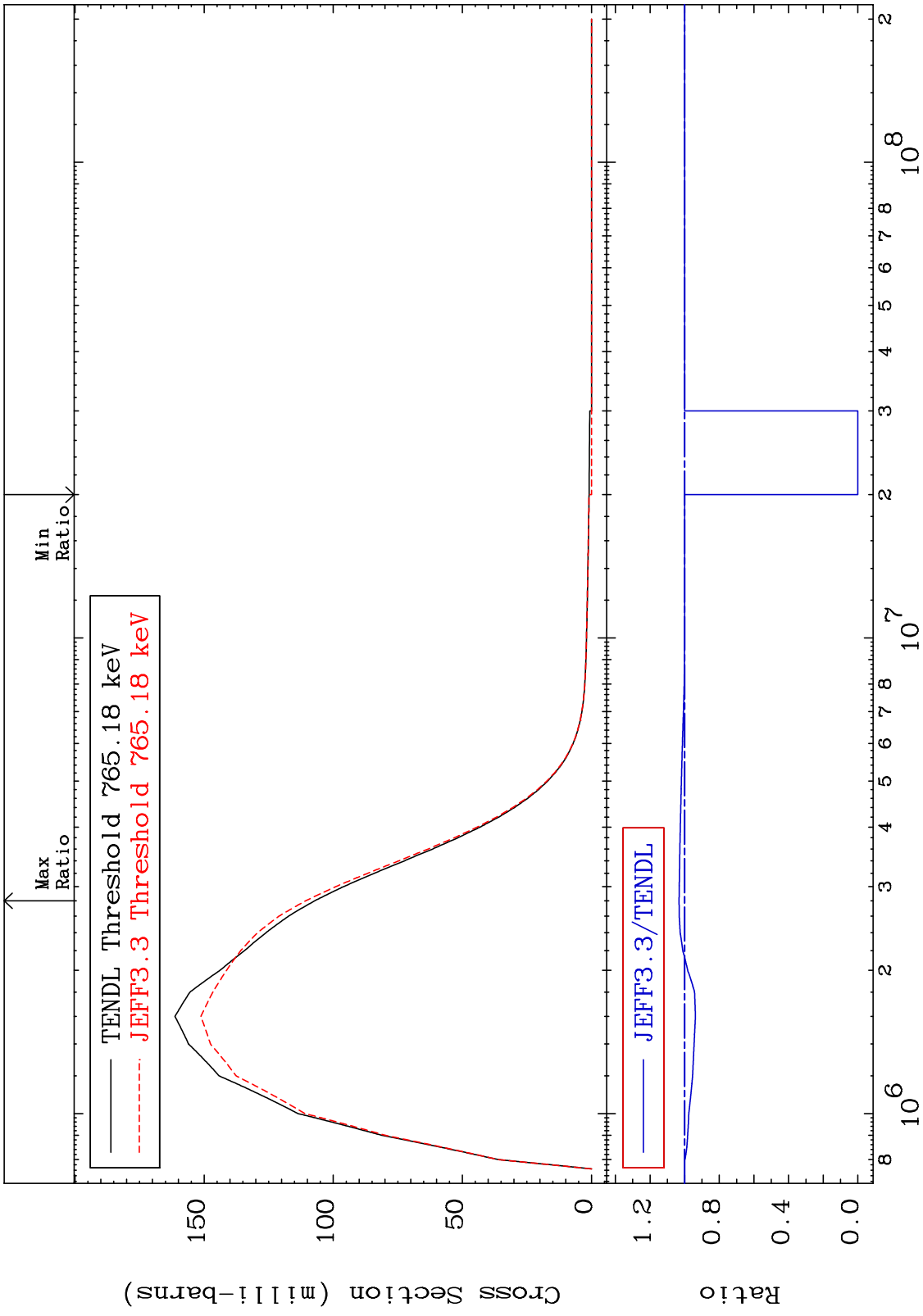




MAT 8228 MT= 54 (n,n') Level Cross Section 82-Pb-205  
-100.0 To 3.627 %

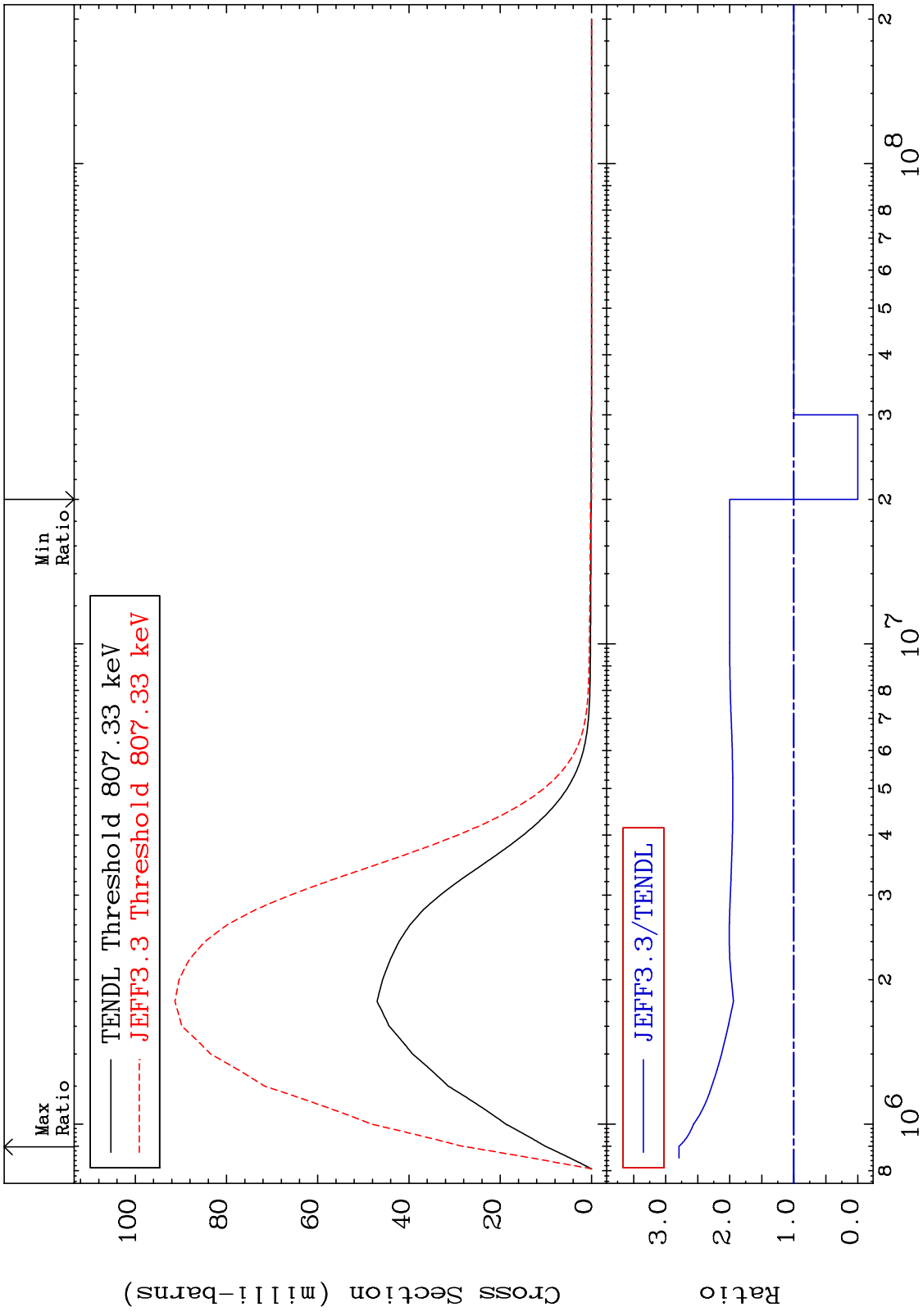


MAT 8228 MT= 55 (n,n') Level Cross Section -100.0 To 3.250 % 82-Pb-205



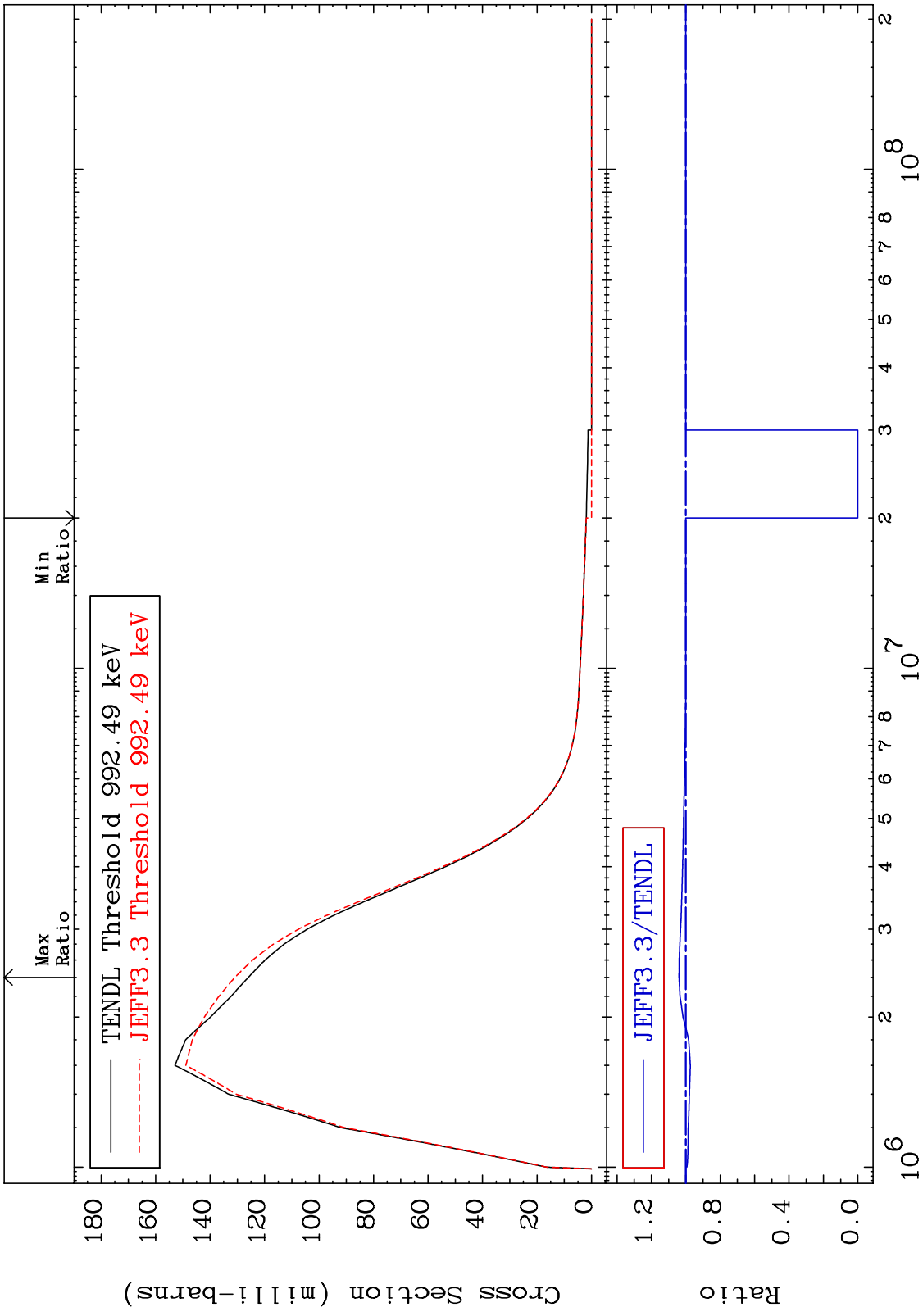
17 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 56 (n,n') Level Cross Section -100.0 To 179.1 % 82-Pb-205



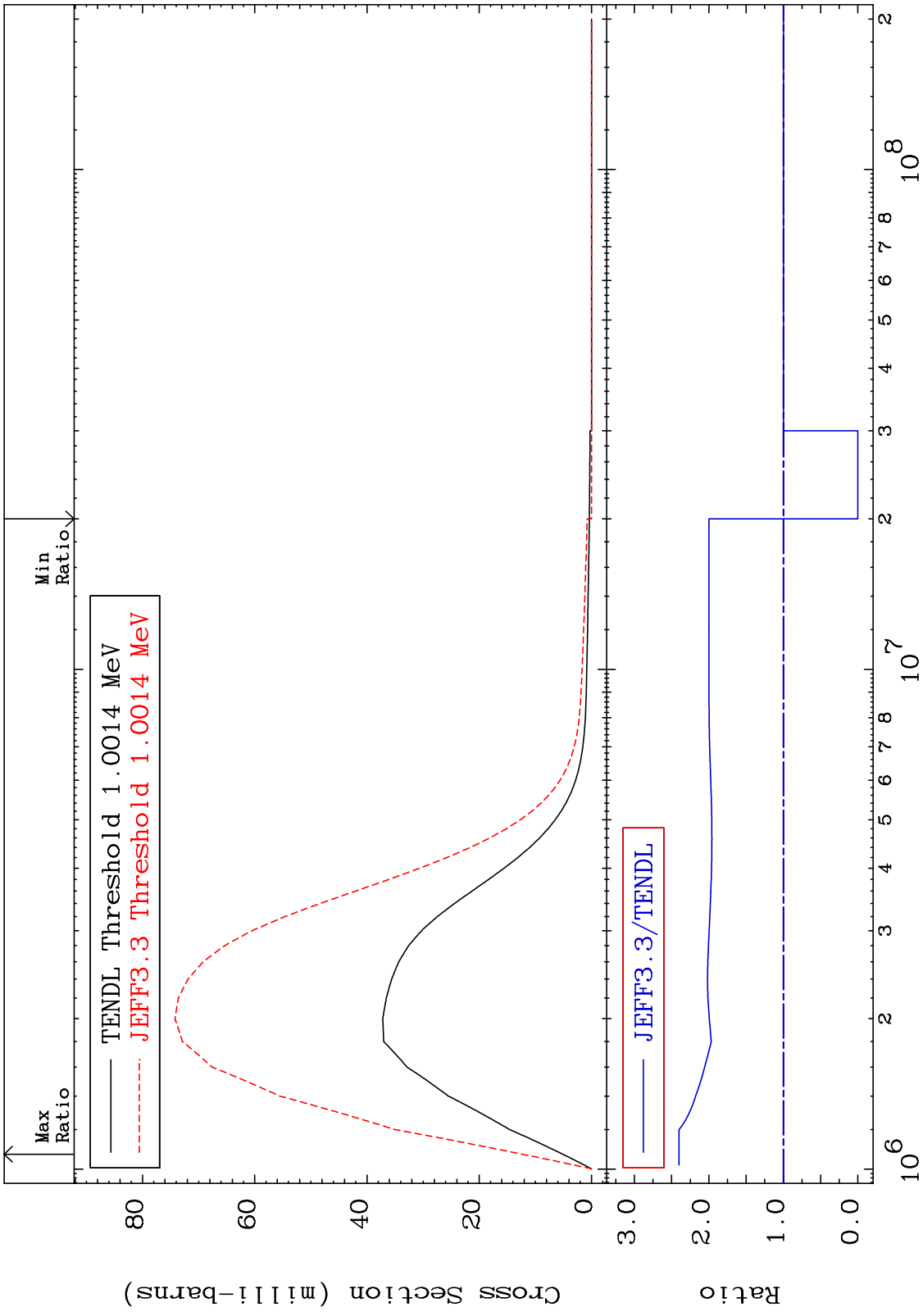
18 82-Pb-205

MAT 8228 MT= 57 (n,n') Level Cross Section 82-Pb-205  
 -100.0 To 3.938 %



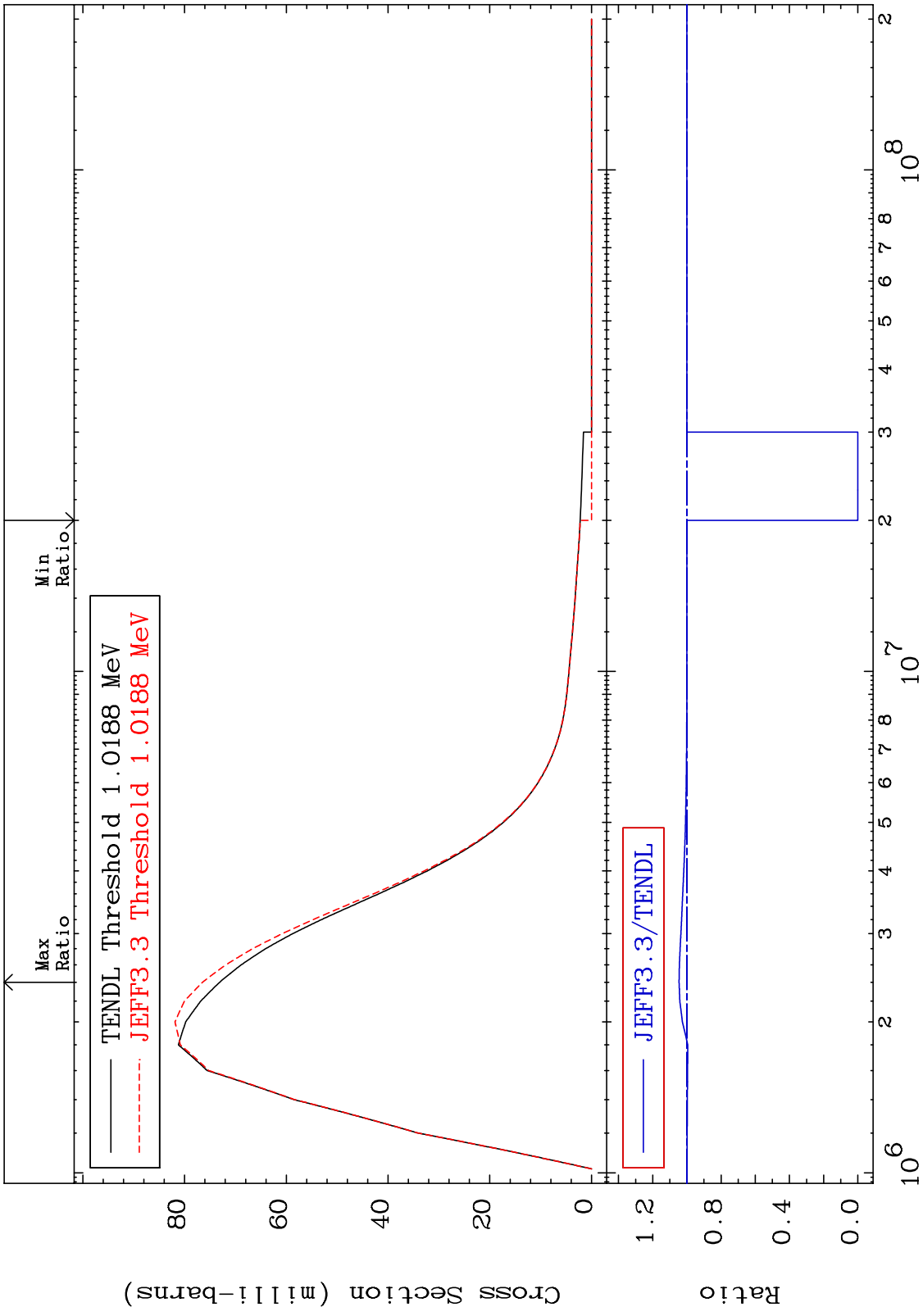
19 82-Pb-205

MAT 8228 MT= 58 (n,n') Level Cross Section -100.0 To 140.1 % 82-Pb-205

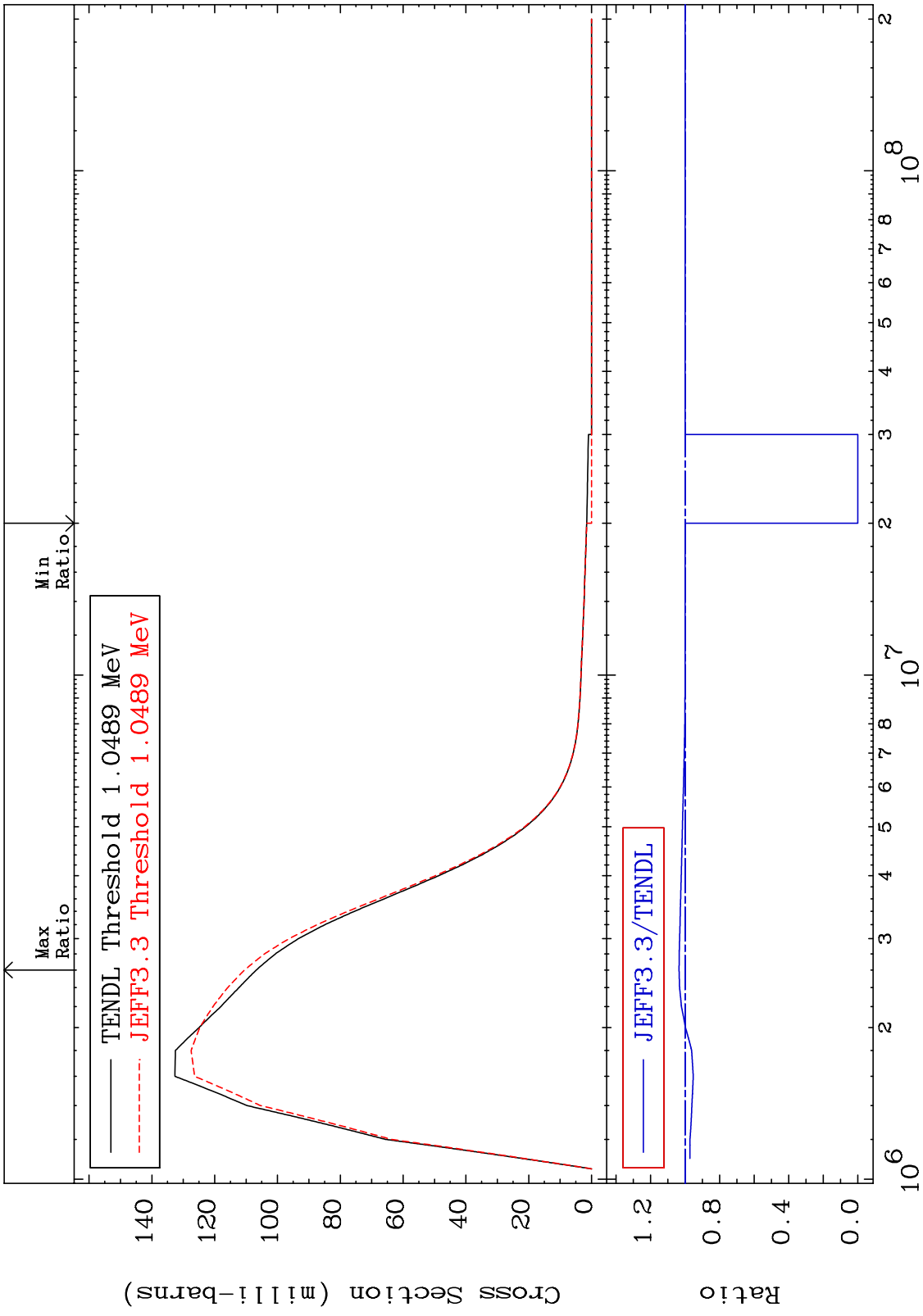


82-Pb-205

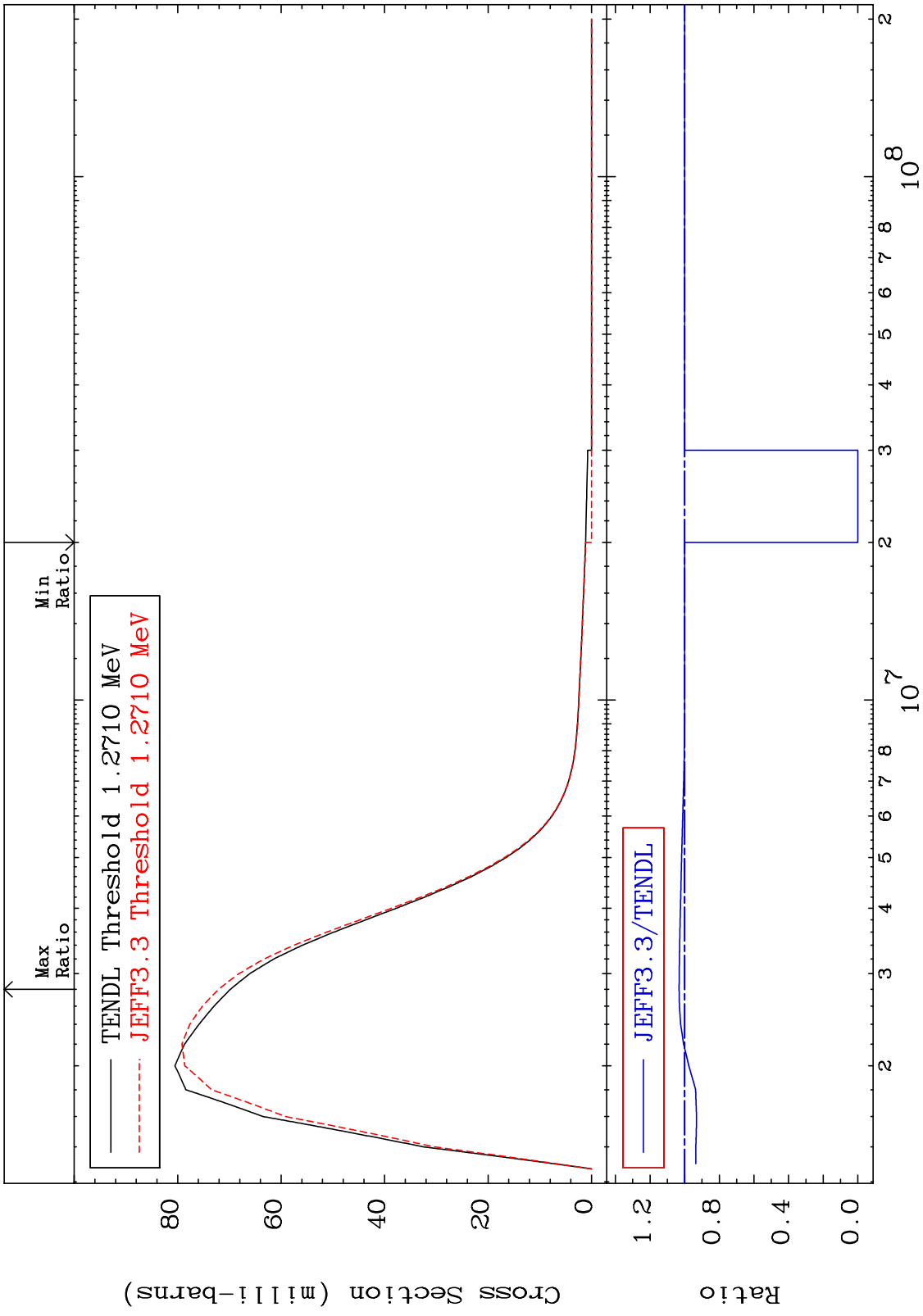
MAT 8228 MT= 59 (n, n') Level Cross Section -100.0 To 4.594 % 82-Pb-205



MAT 8228 MT= 60 (n,n') Level Cross Section -100.0 To 3.504 % 82-Pb-205

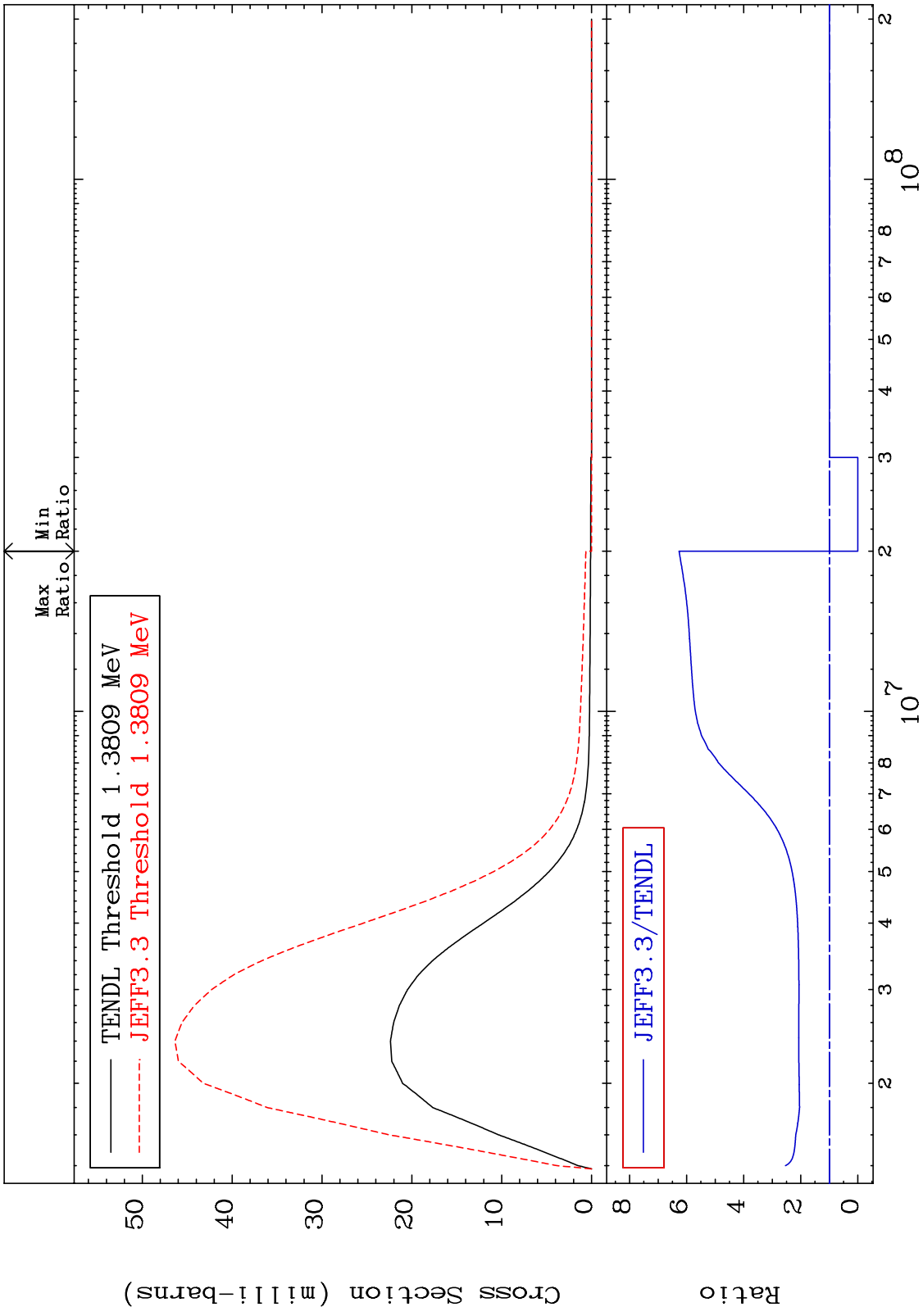


MAT 8228 MT= 61 (n,n') Level Cross Section -100.0 To 3.256 % 82-Pb-205

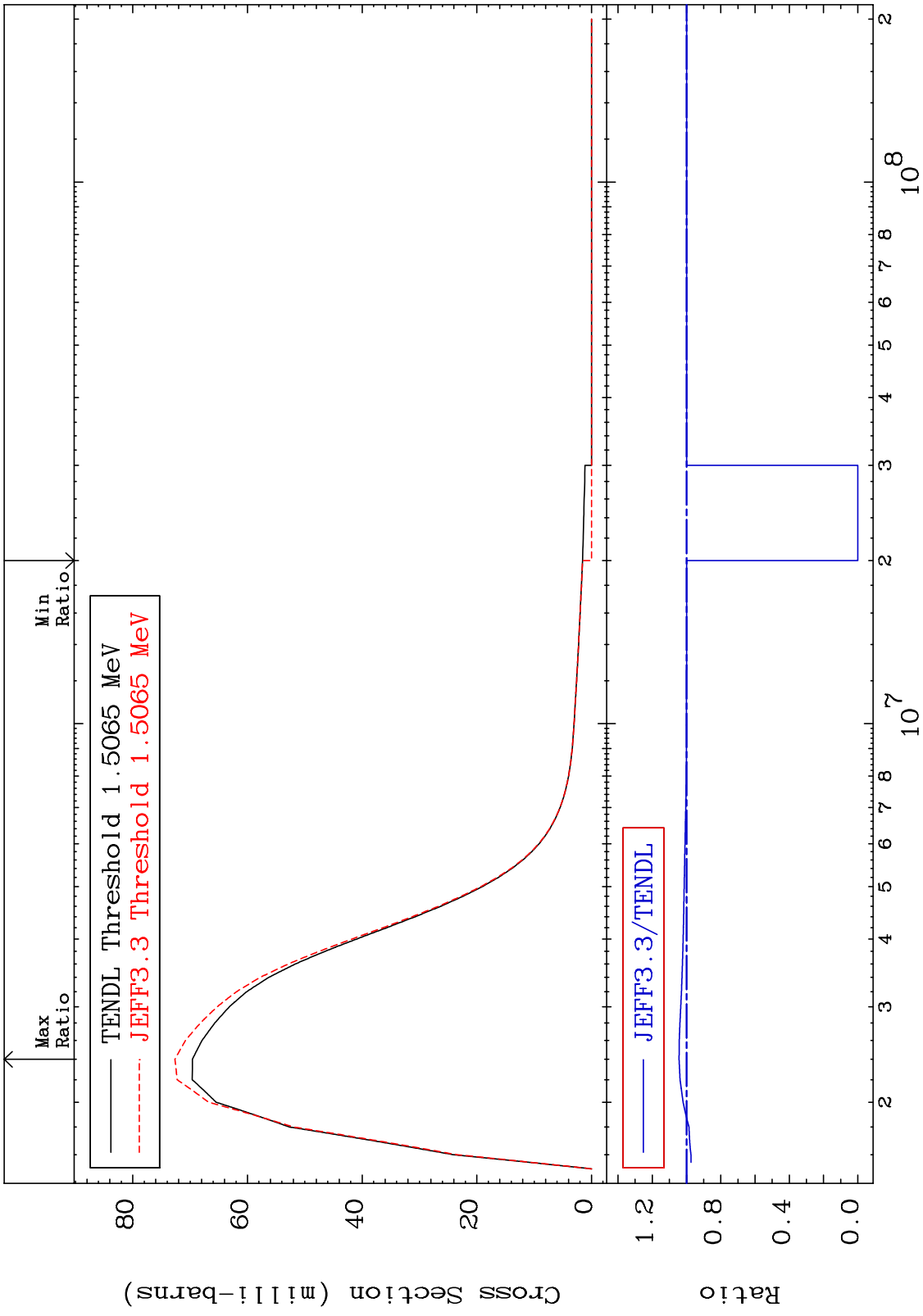




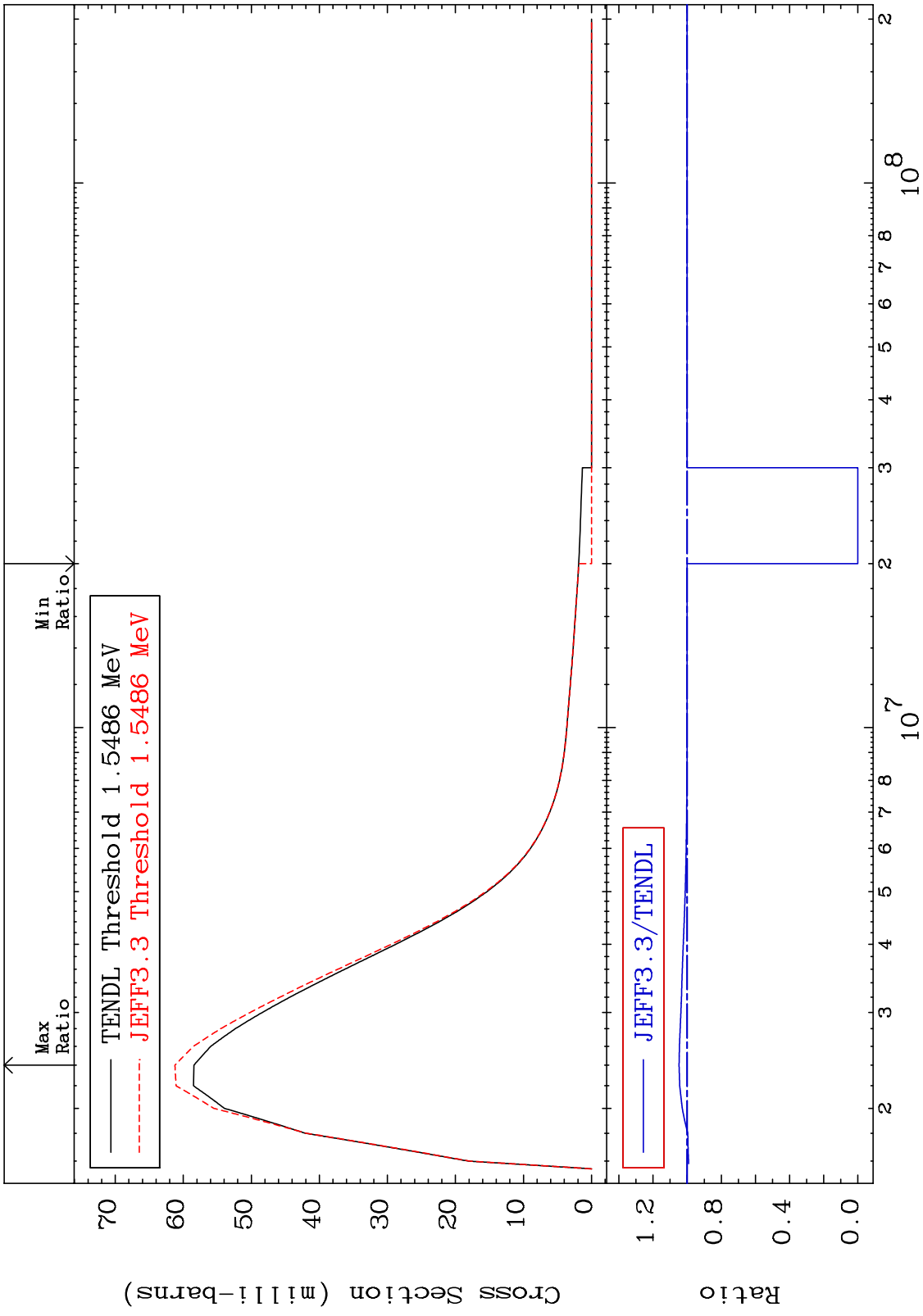
MAT 8228 MT= 62 (n,n') Level Cross Section 82-Pb-205  
 -100.0 To 526.7 %



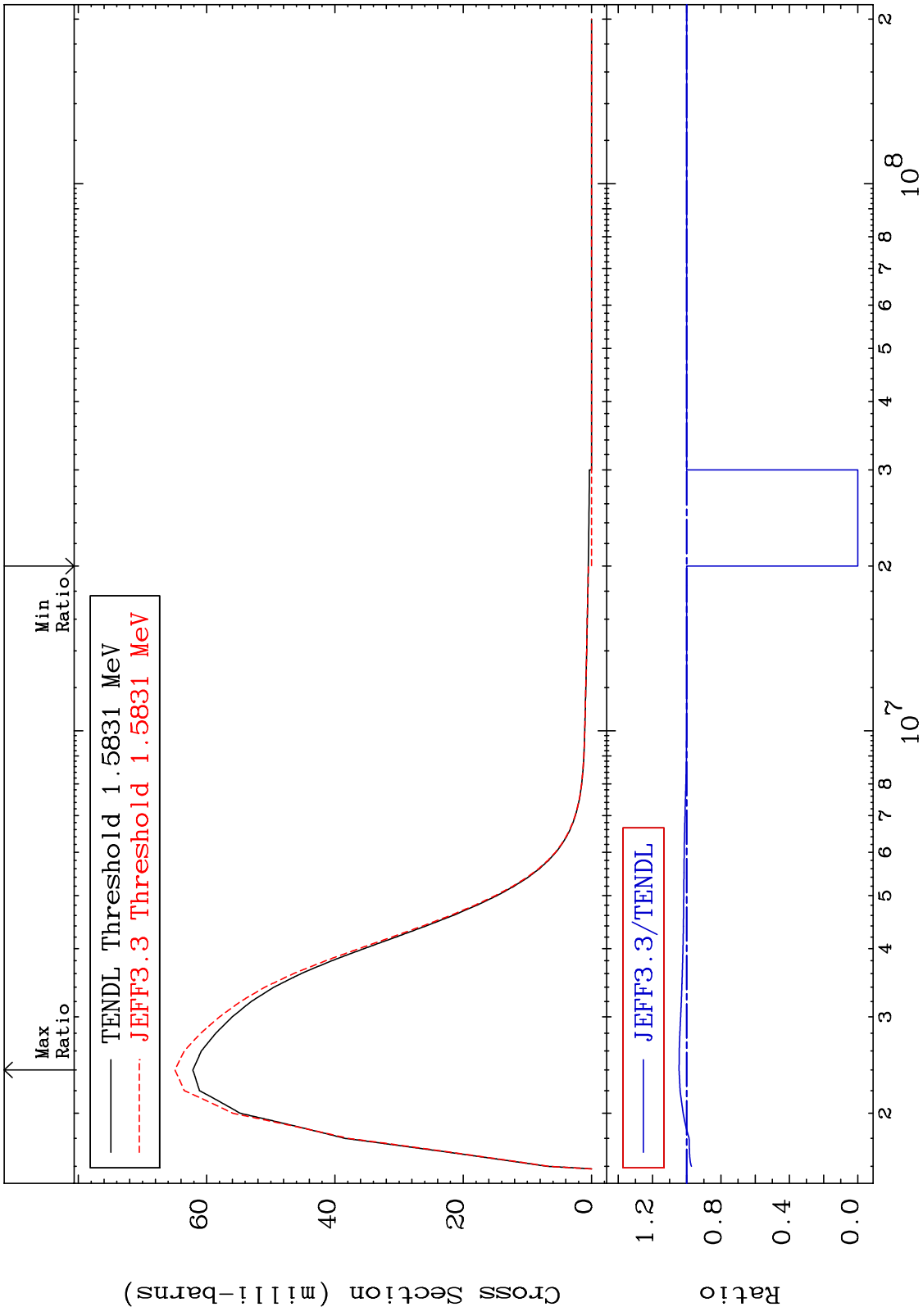
MAT 8228 MT= 63 (n,n') Level Cross Section 82-Pb-205  
 -100.0 To 4.366 %



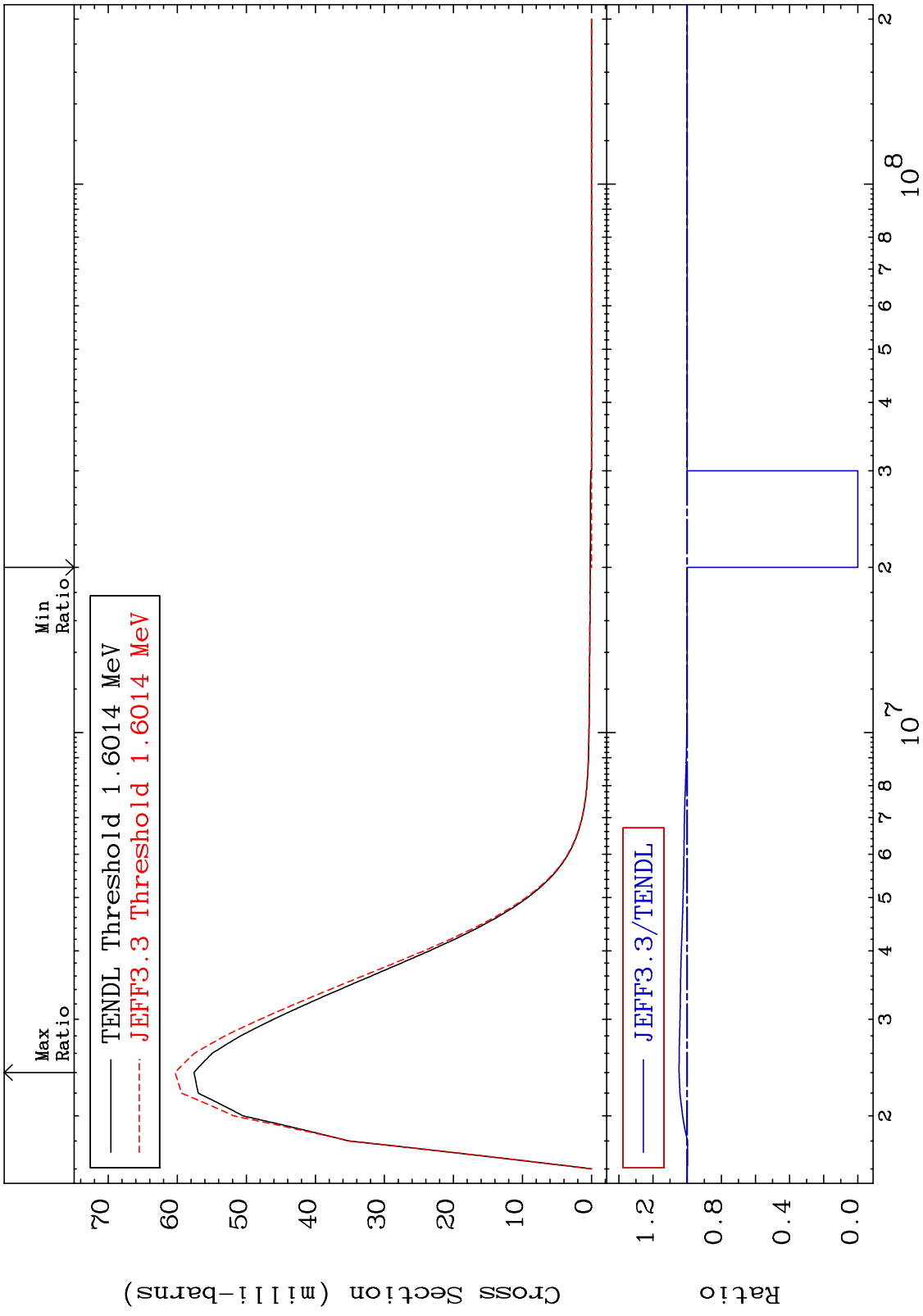
MAT 8228 MT= 64 (n,n') Level Cross Section -100.0 To 4.759 % 82-Pb-205



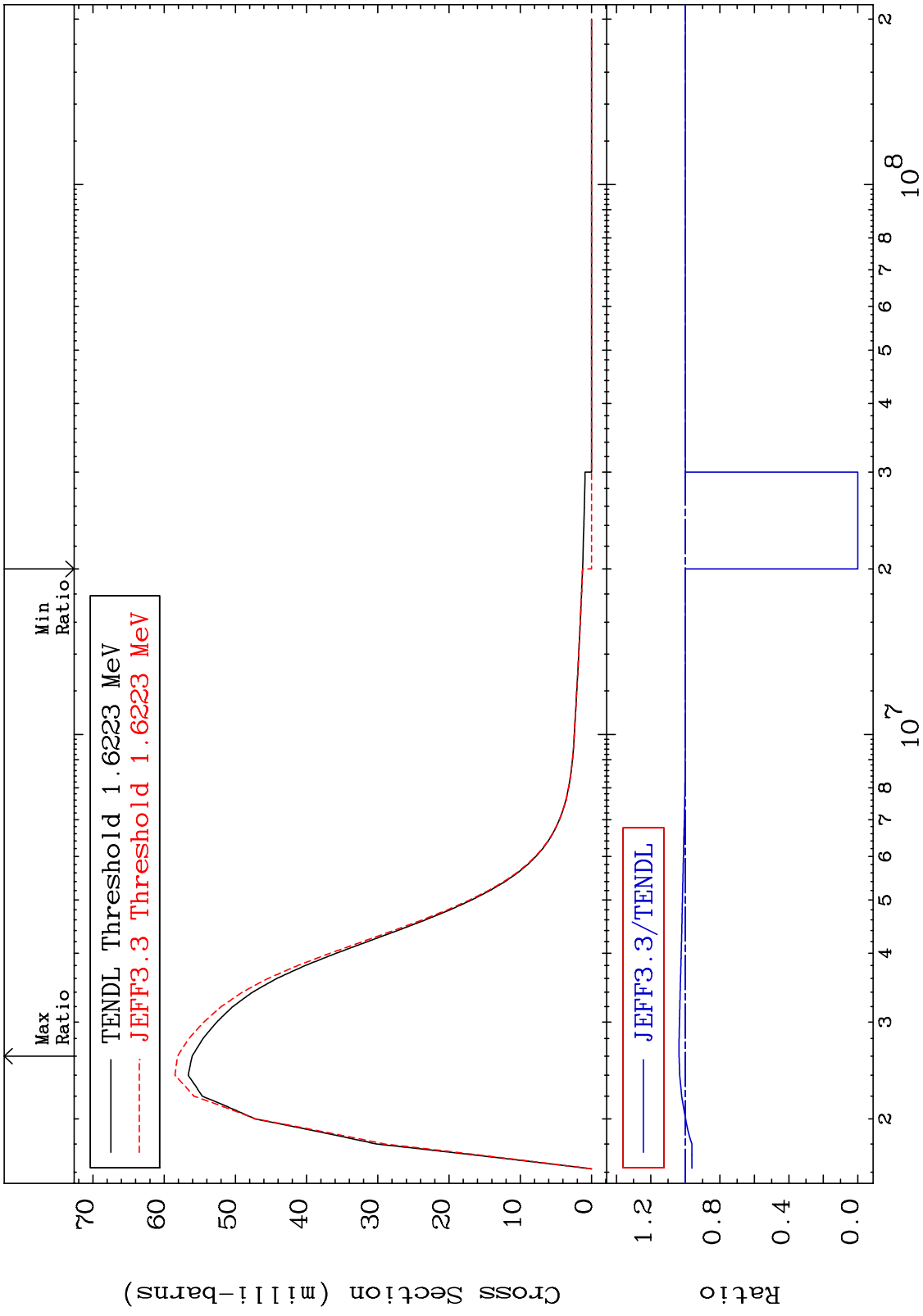
MAT 8228 MT= 65 (n,n') Level Cross Section -100.0 To 4.483 % 82-Pb-205



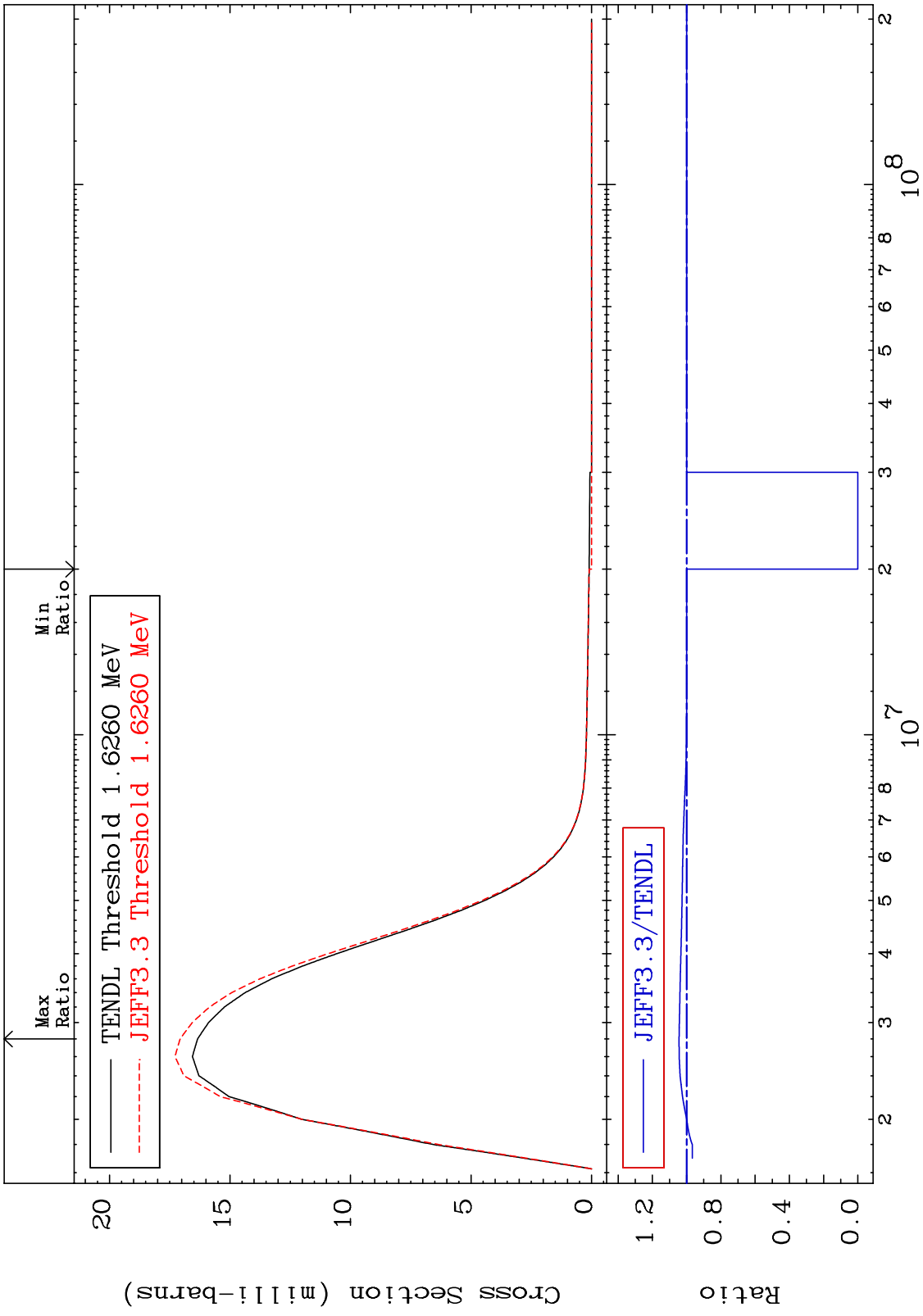
MAT 8228 MT= 66 (n,n') Level Cross Section 82-Pb-205  
 -100.0 To 4.753 %



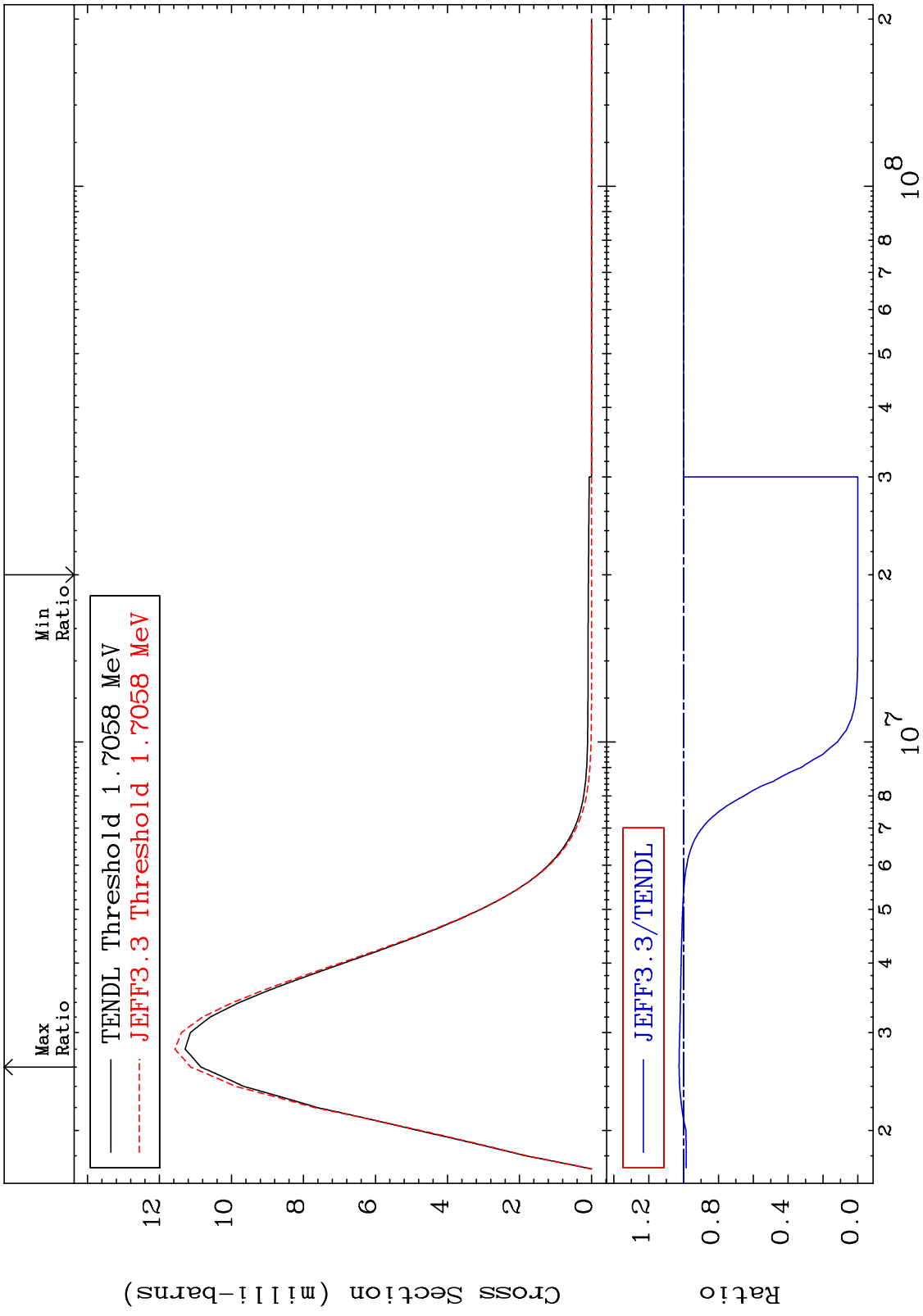
MAT 8228      MT= 67 (n,n') Level Cross Section      82-Pb-205  
 -100.0 To 3.656 %



MAT 8228 MT= 68 (n,n') Level Cross Section 82-Pb-205  
 -100.0 To 4.429 %

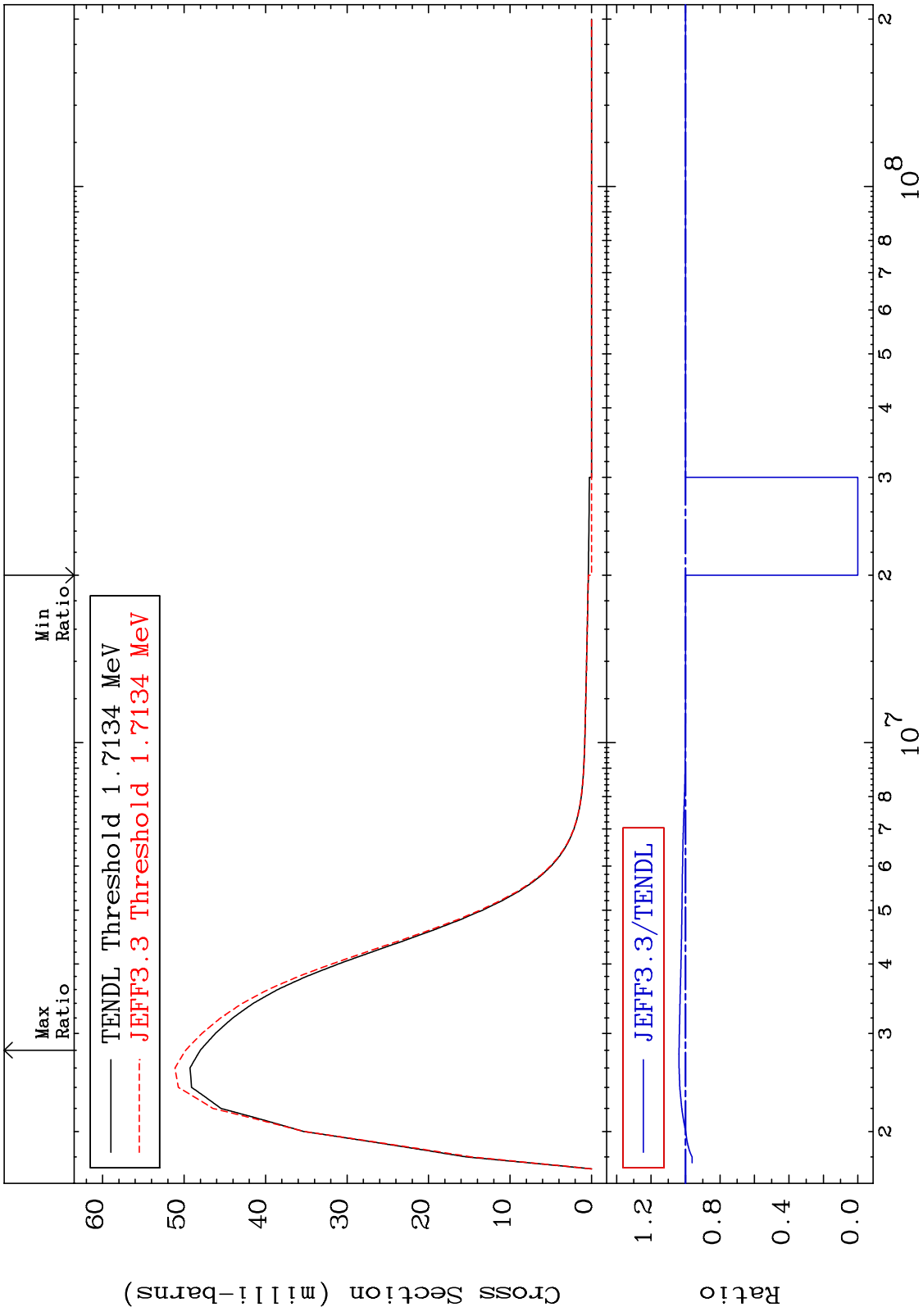


MAT 8228 MT= 69 (n,n') Level Cross Section -100.0 To 2.624 % 82-Pb-205

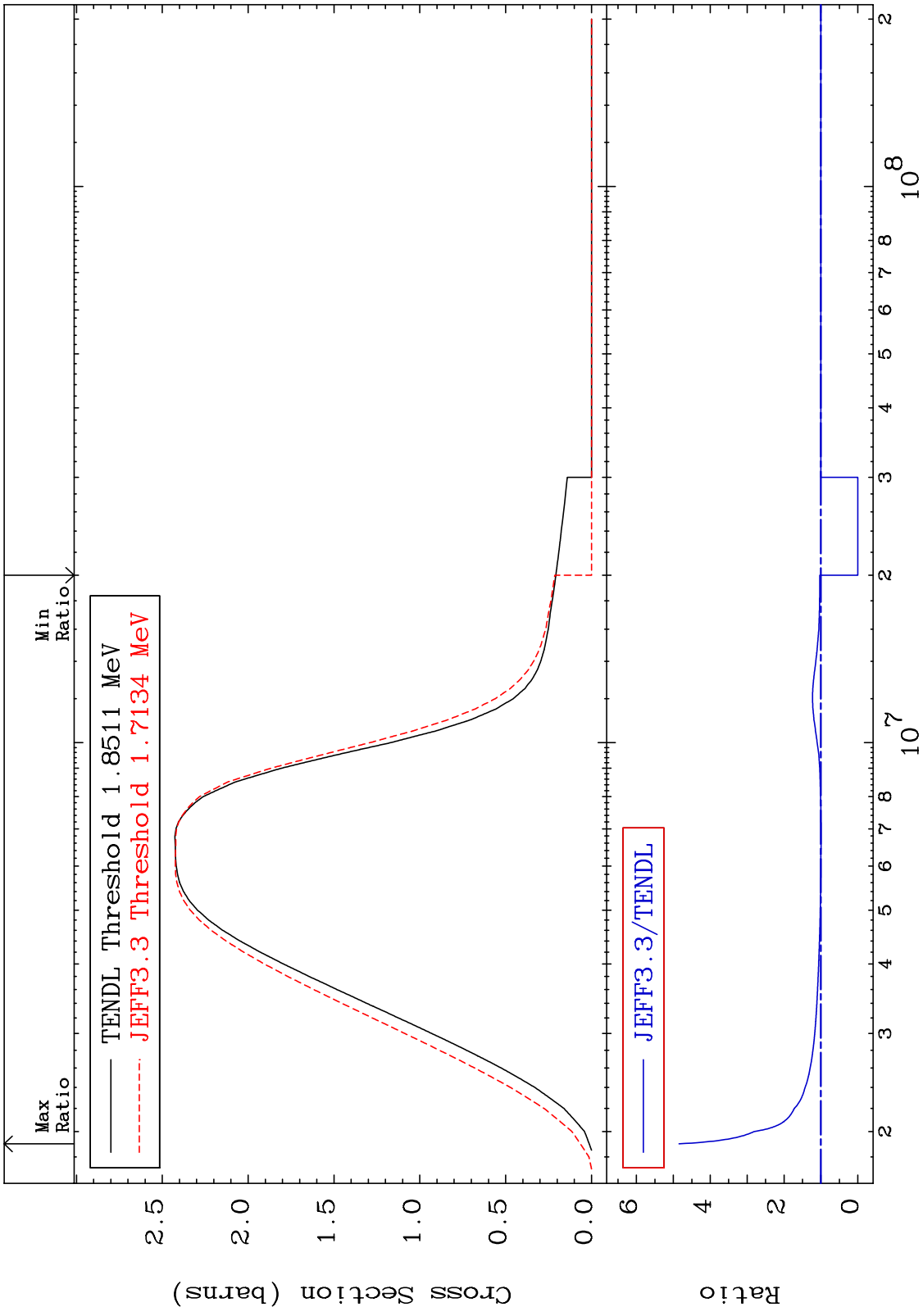




MAT 8228 MT= 70 (n,n') Level Cross Section -100.0 To 3.750 % 82-Pb-205



MAT 8228 (n,n') Continuum Cross Section -100.0 To 384.5 % 82-Pb-205



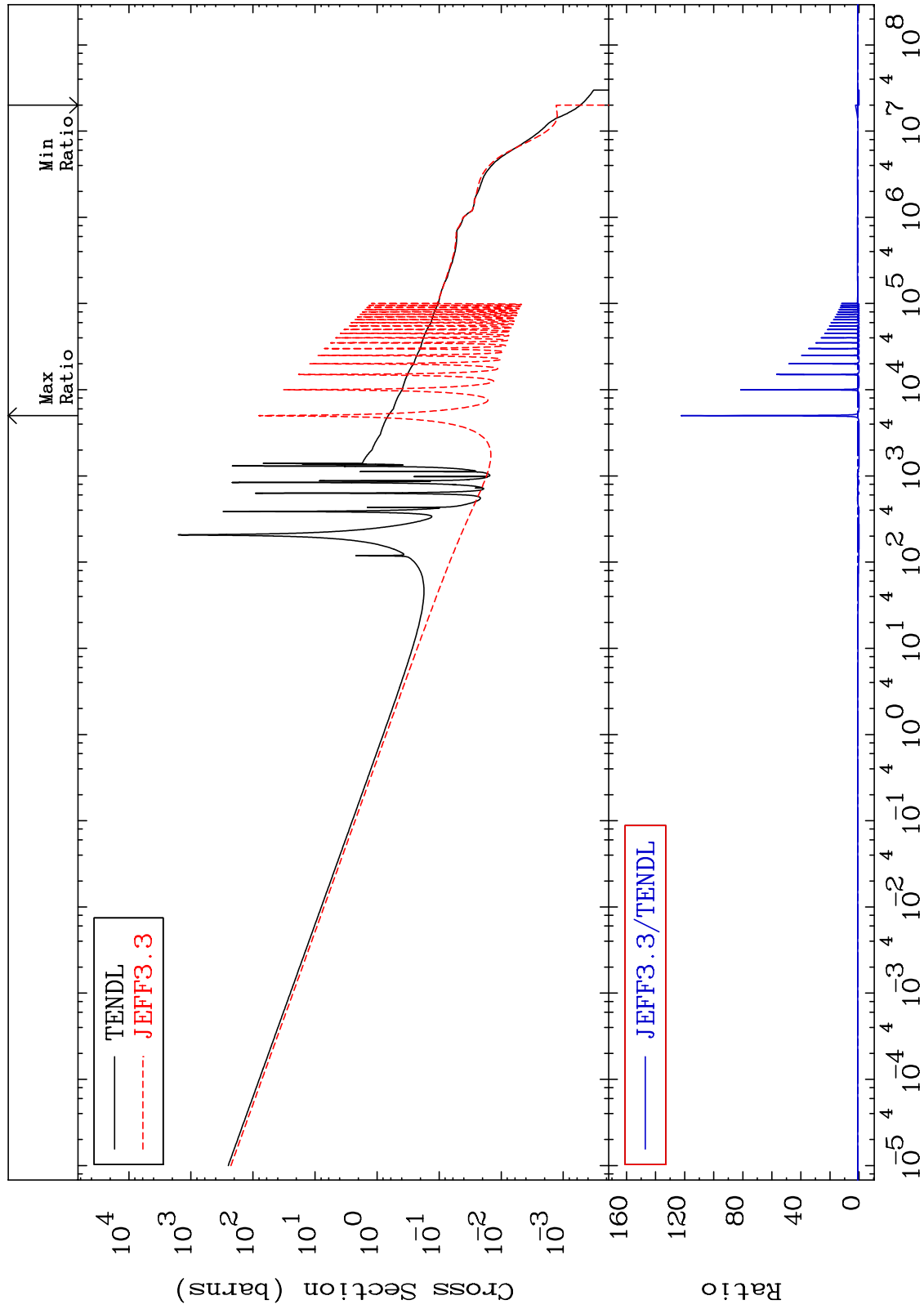
MAT 8228

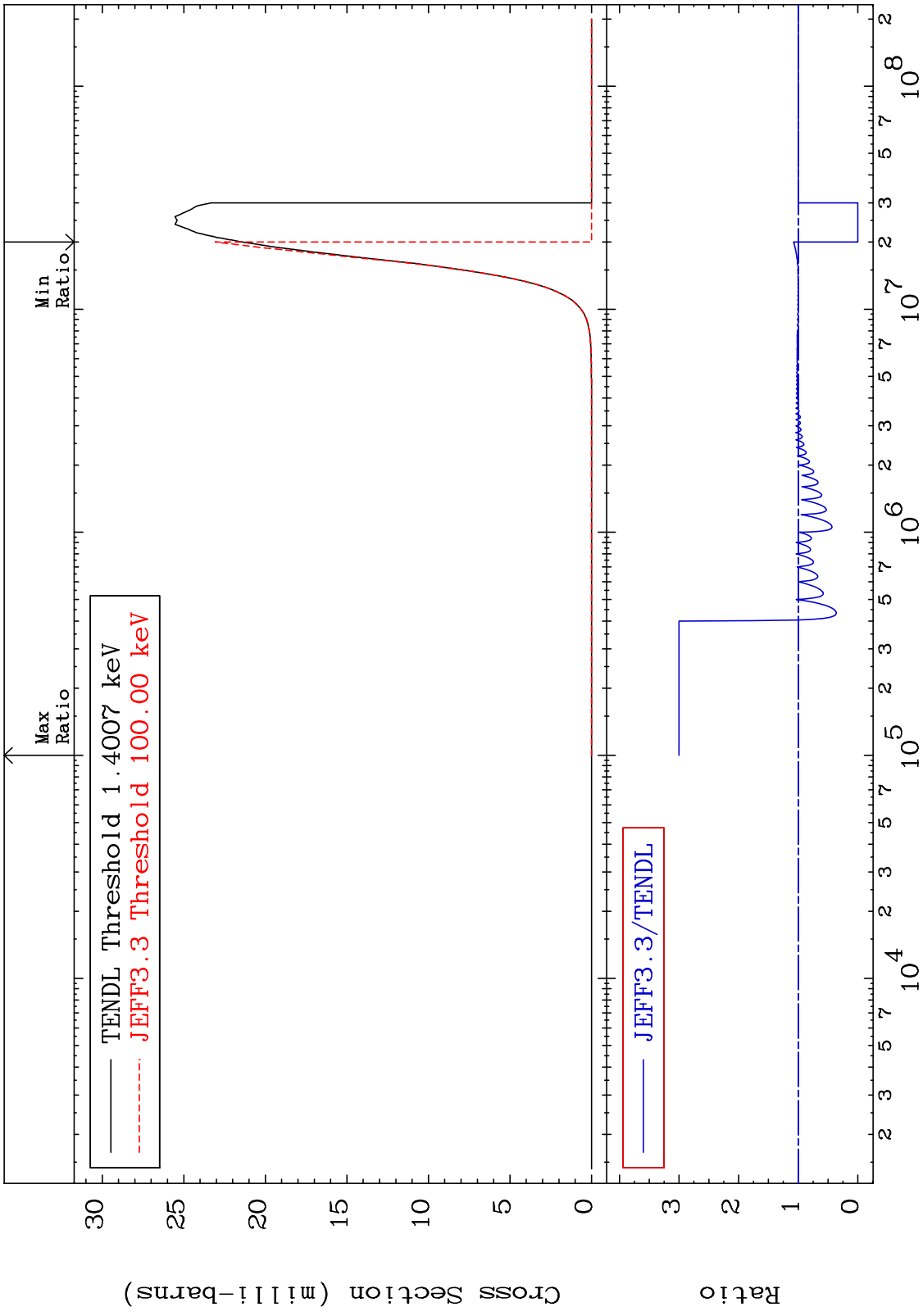
(n,  $\gamma$ )

82-Pb-205

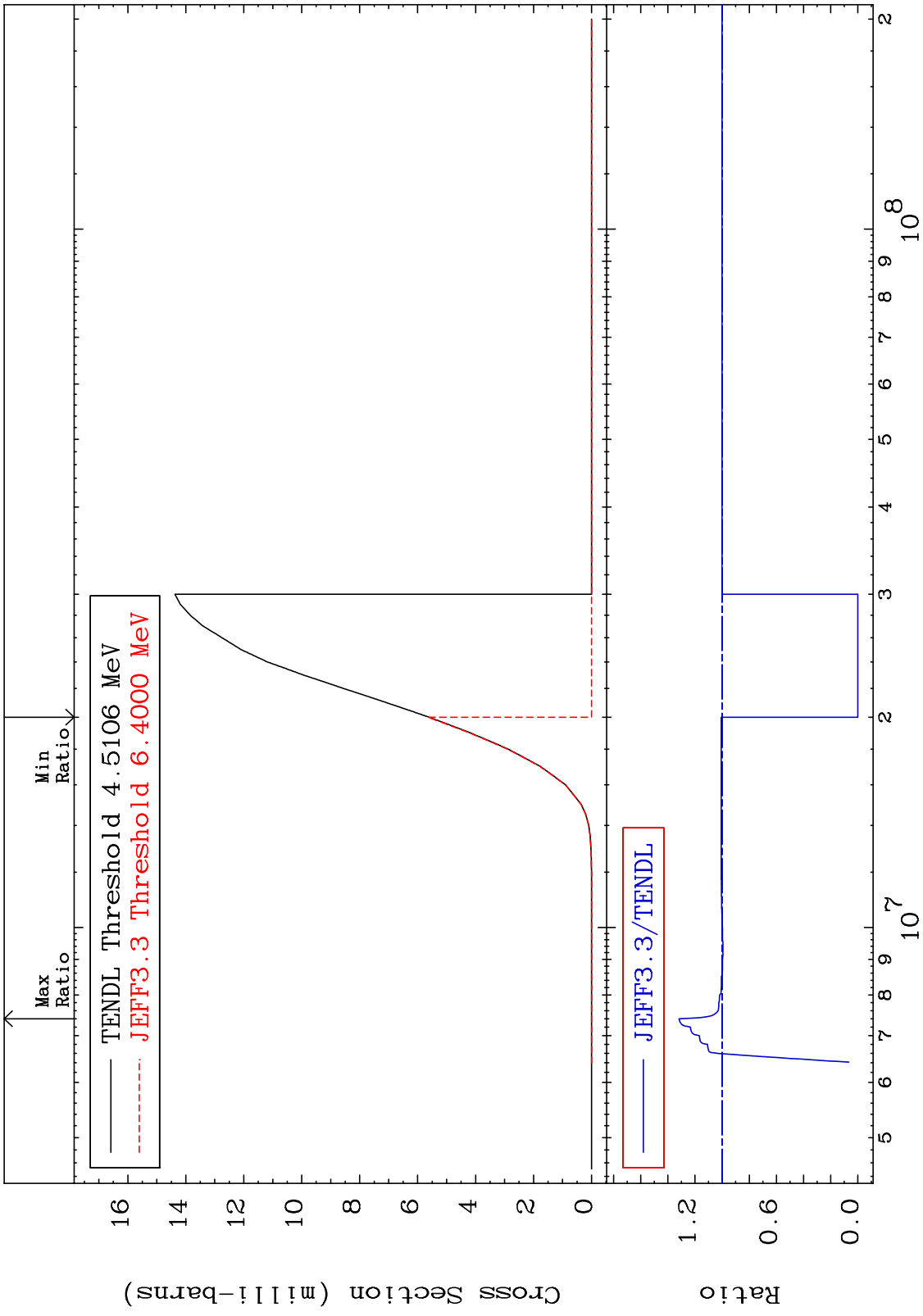
Cross Section

-100.0 To 9999. %

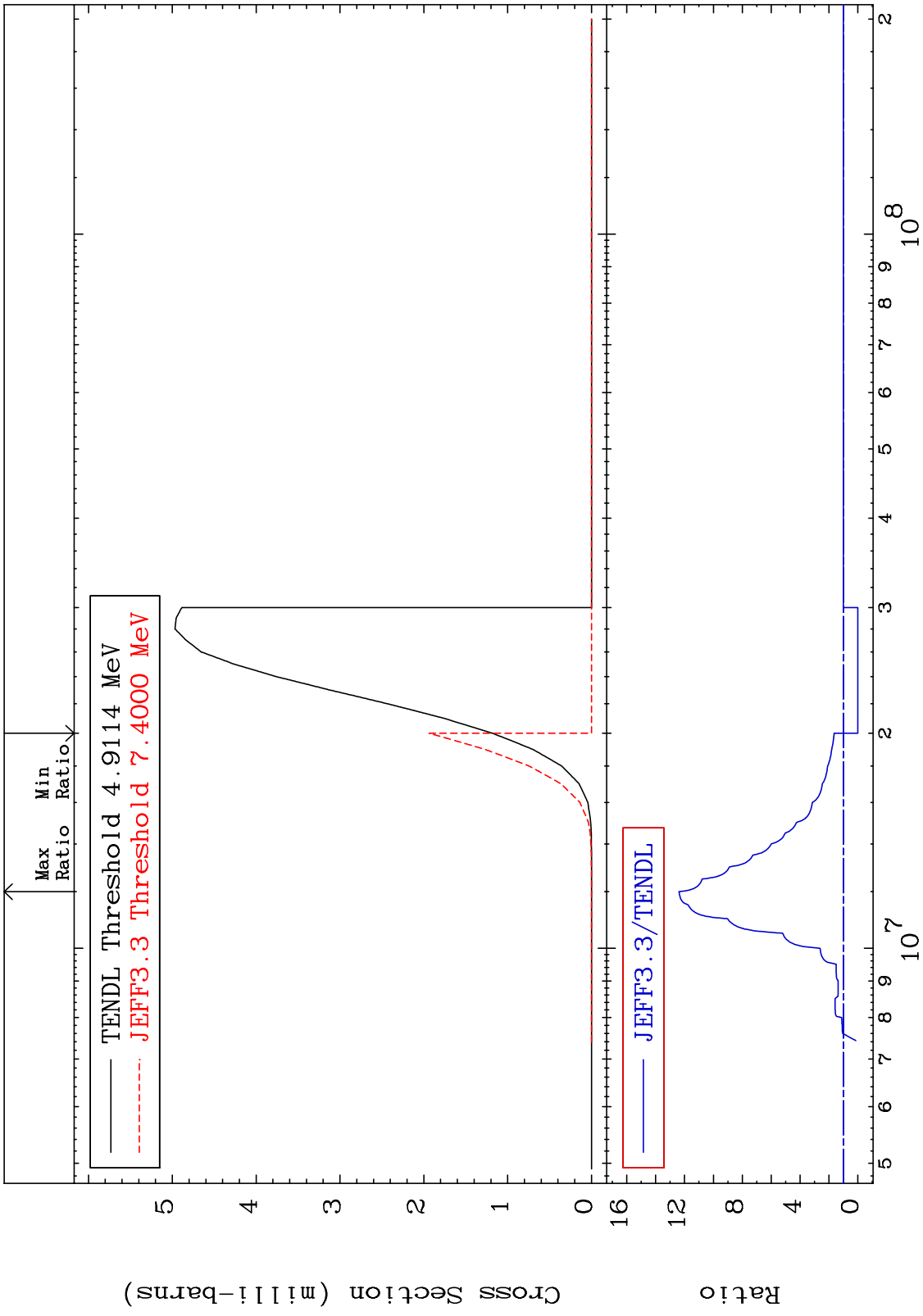


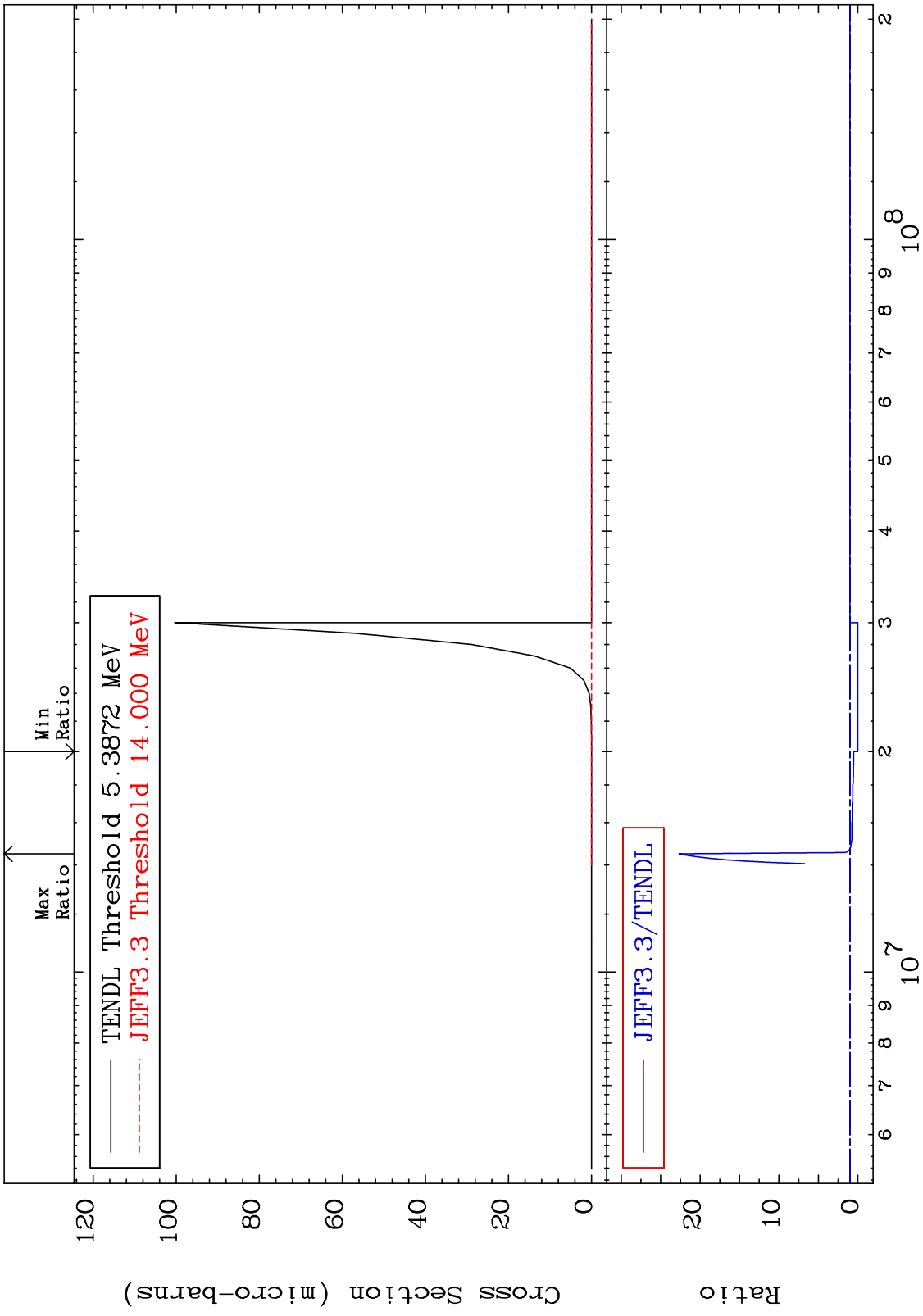


MAT 8228 (n,d) Cross Section 82-Pb-205 -100.0 To 31.74 %



MAT 8228 (n,t) Cross Section 82-Pb-205  
 -100.0 To 1138. %





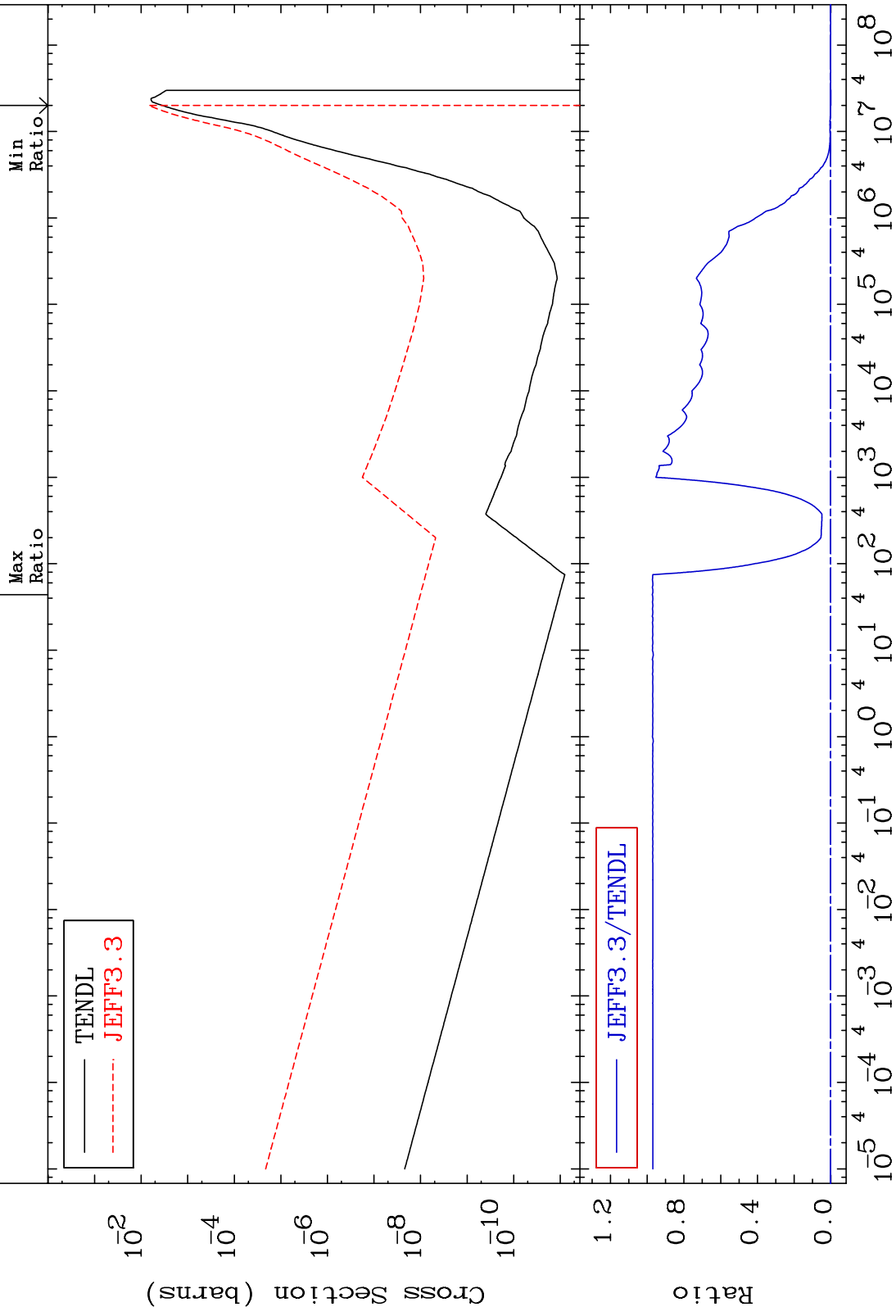
MAT 8228

(n,  $\alpha$ )

82-Pb-205

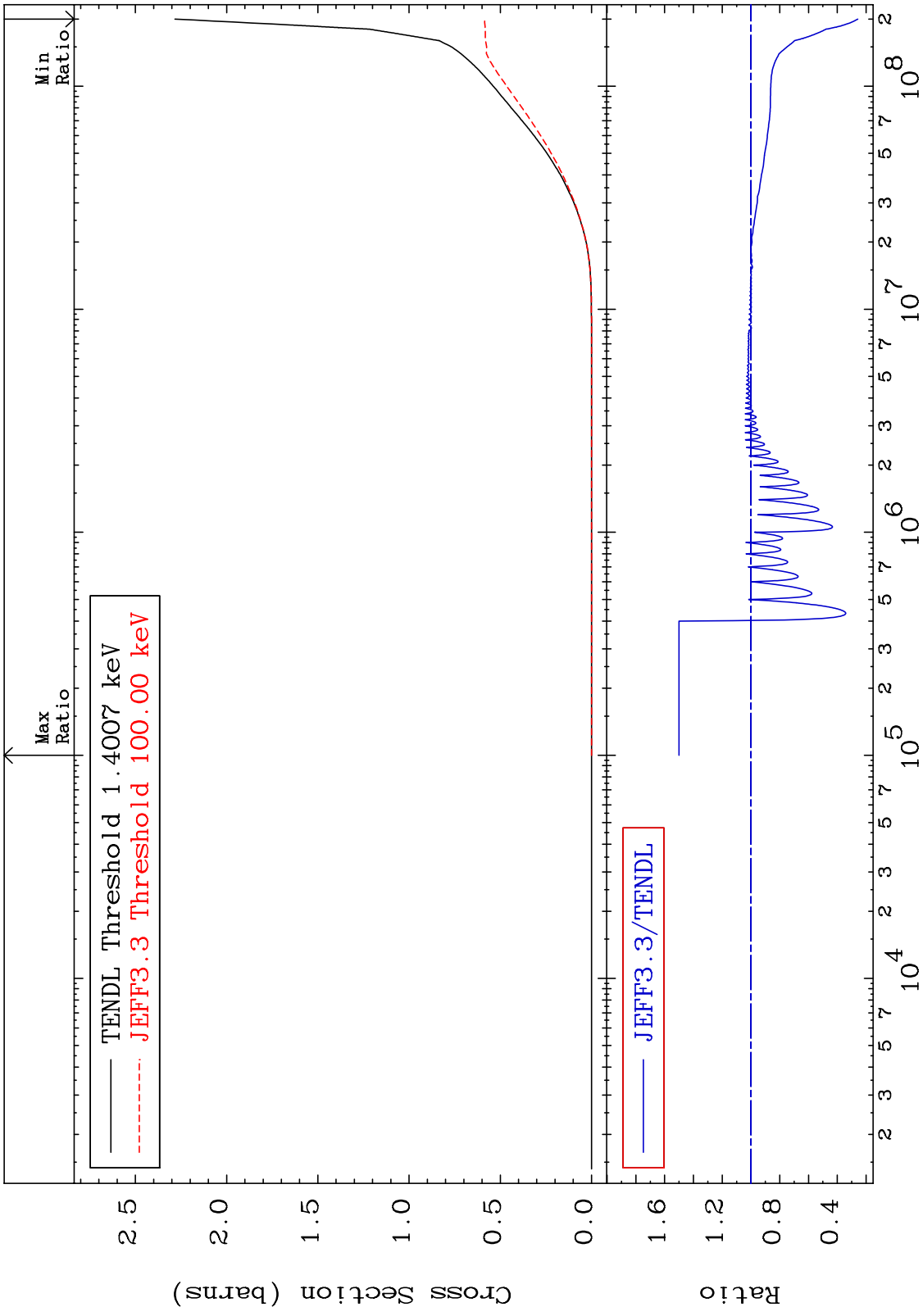
-100.0 To 9999. %

Cross Section





MAT 8228 82-Pb-205  
 Hydrogen Production Cross Section -74.27 To 50.00 %

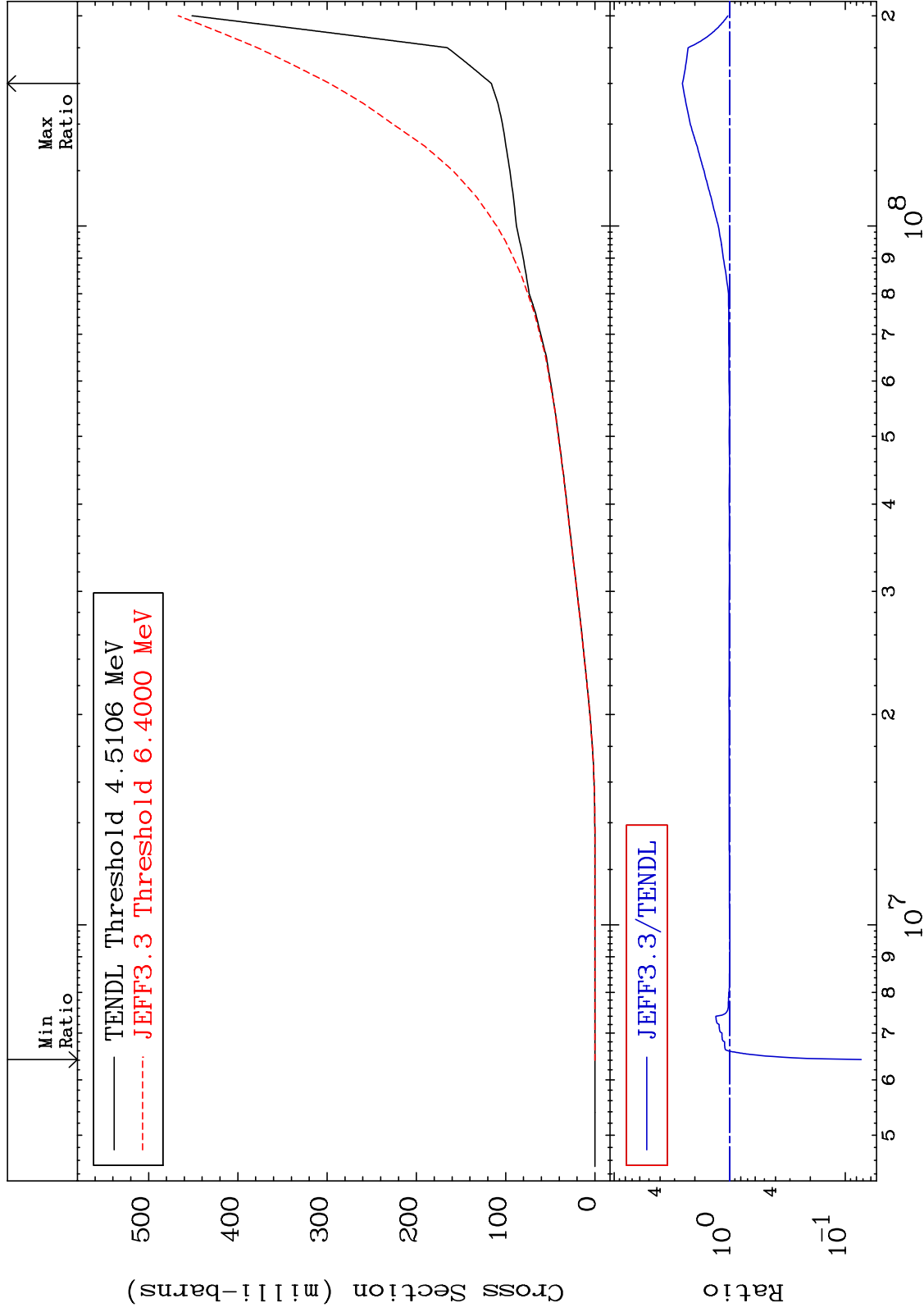


40 82-Pb-205

MAT 8228

Deuterium Production  
Cross Section

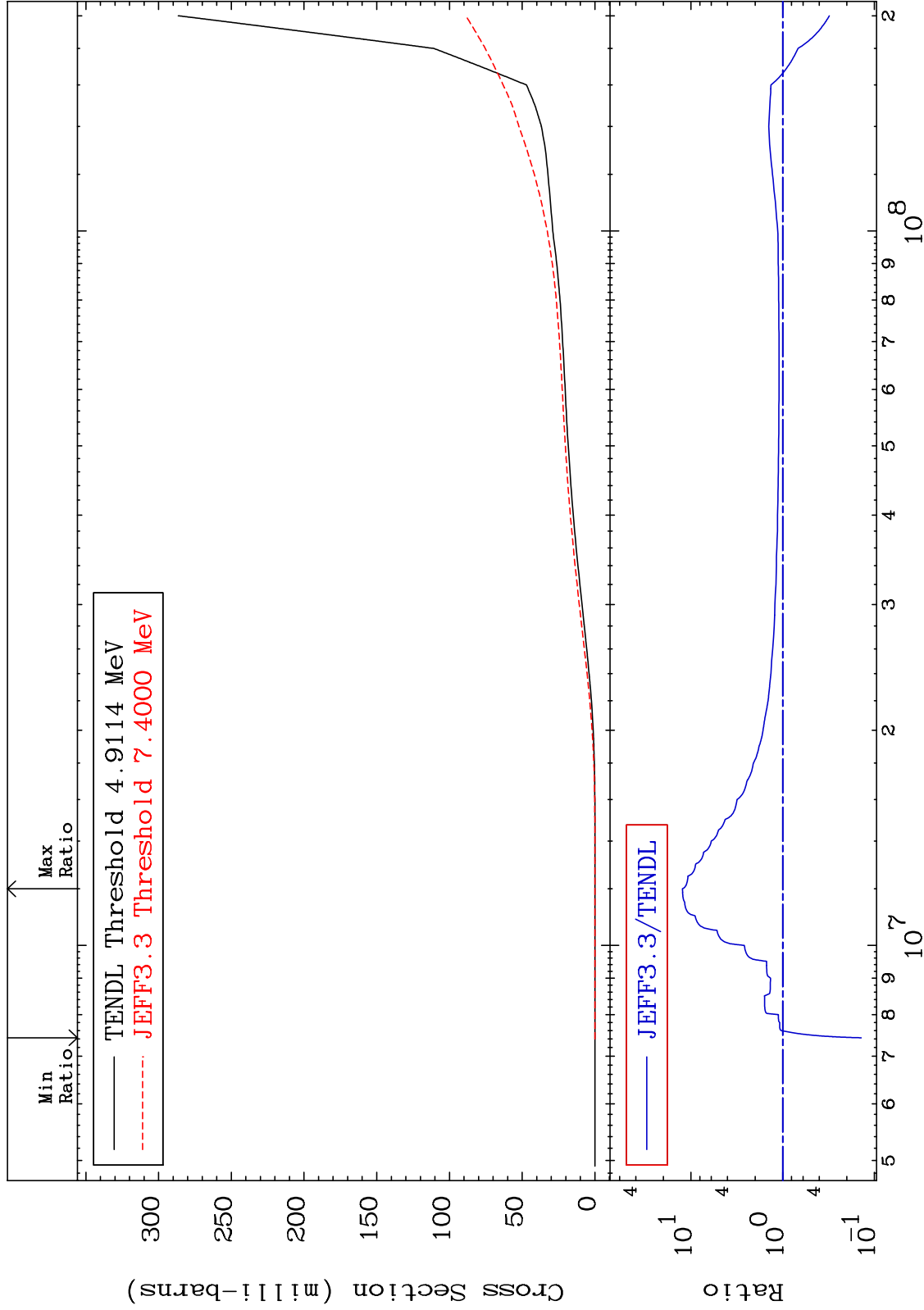
82-Pb-205  
-92.75 To 156.1 %



MAT 8228

Tritium Production  
Cross Section

82-Pb-205  
-86.09 To 1138. %



42

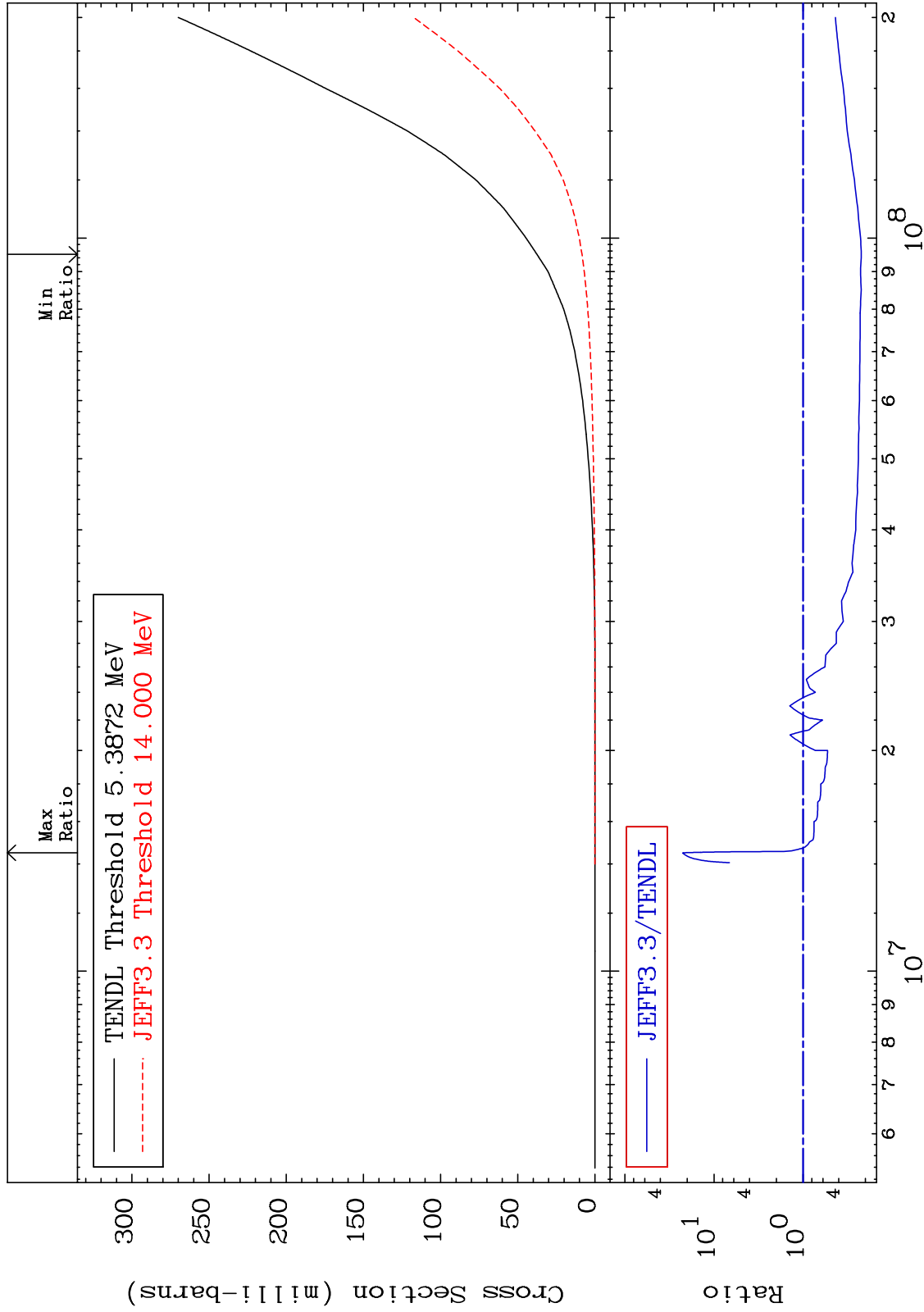
Incident Energy (eV)

82-Pb-205

MAT 8228

He-3 Production  
Cross Section

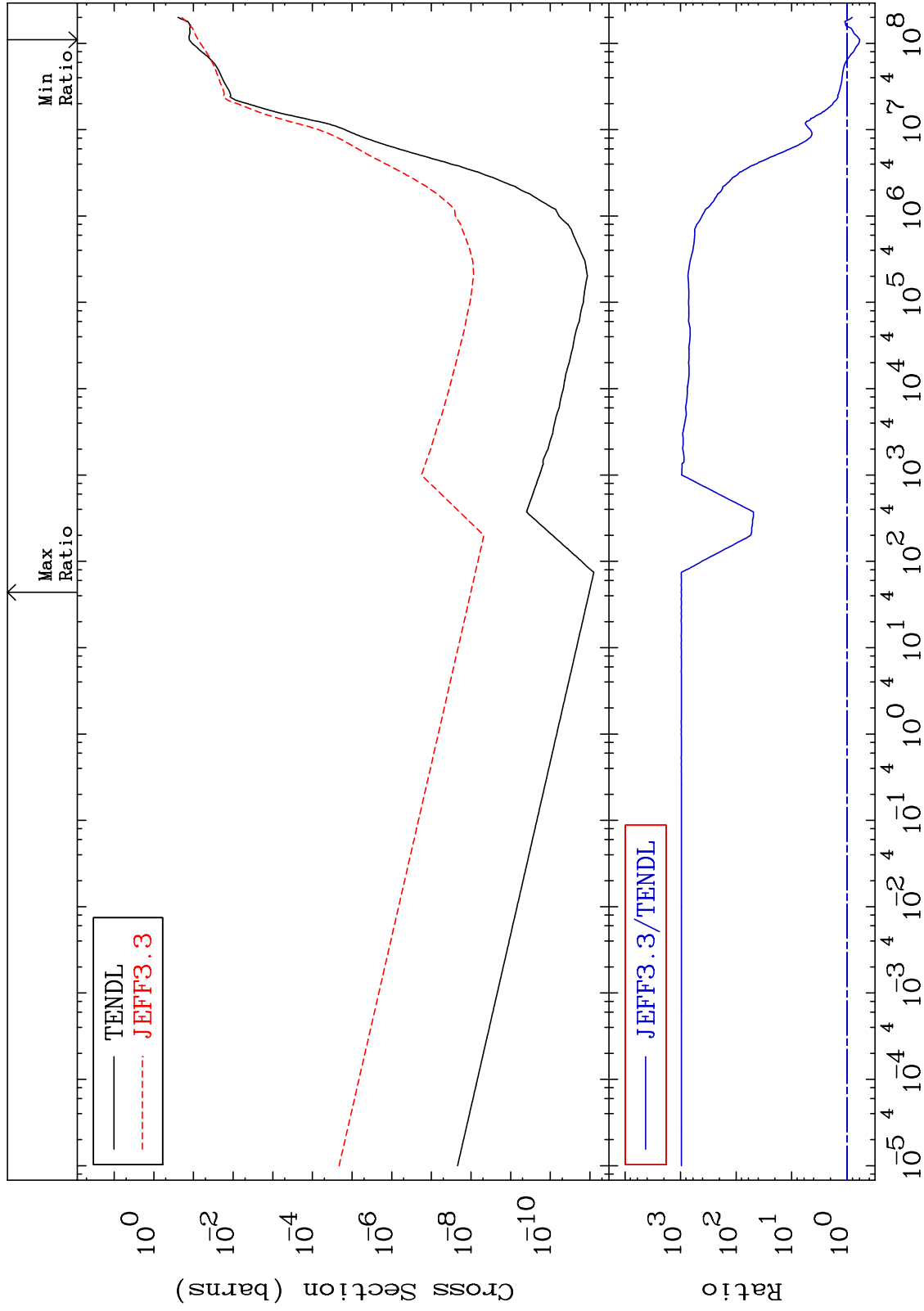
82-Pb-205  
-77.72 To 2162. %



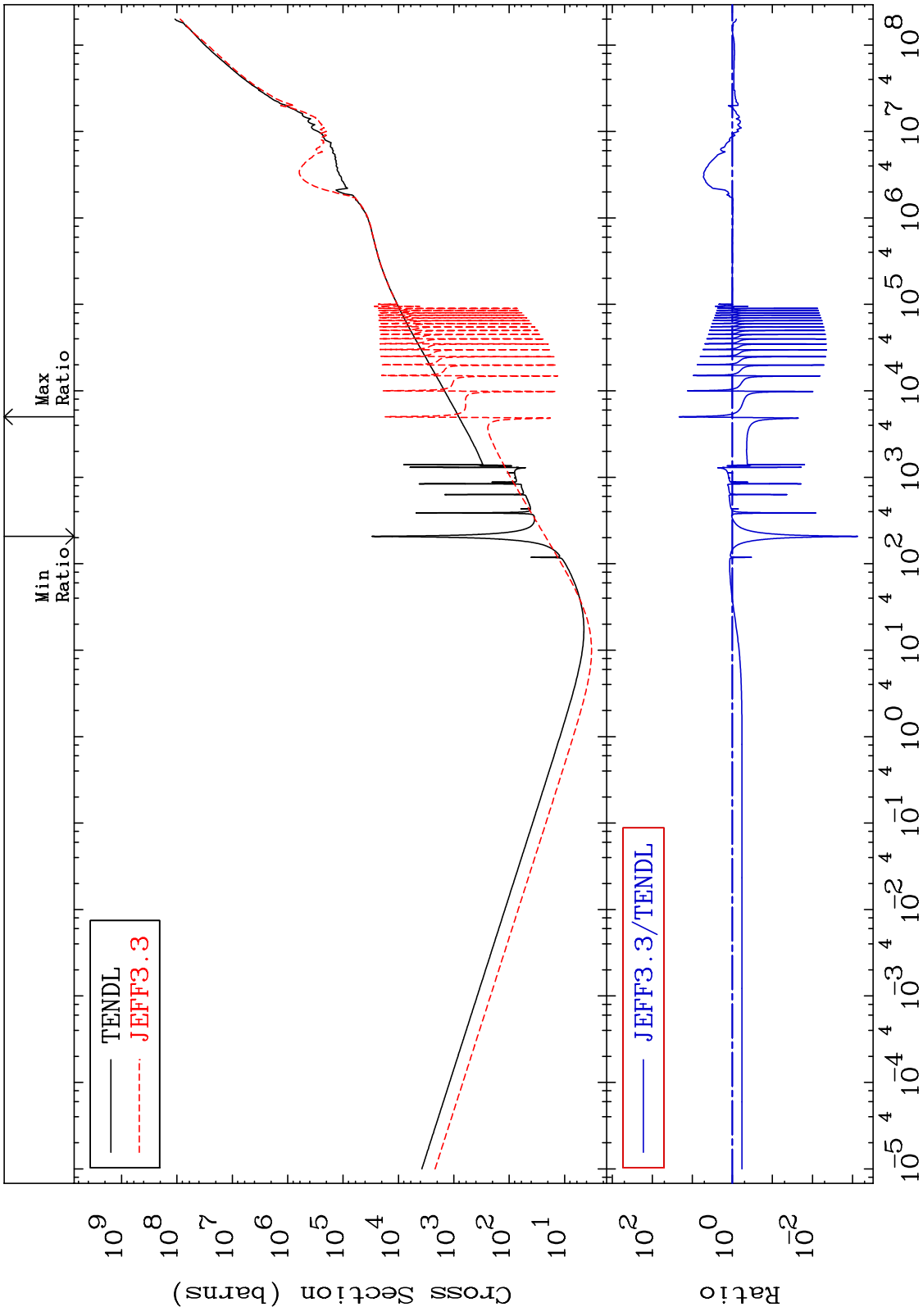
MAT 8228

He-4 Production  
Cross Section

82-Pb-205  
-40.70 To 9999. %



MAT 8228      Kerma total (eV-barns)      82-Pb-205  
 Cross Section      -99.93 To 2054. %

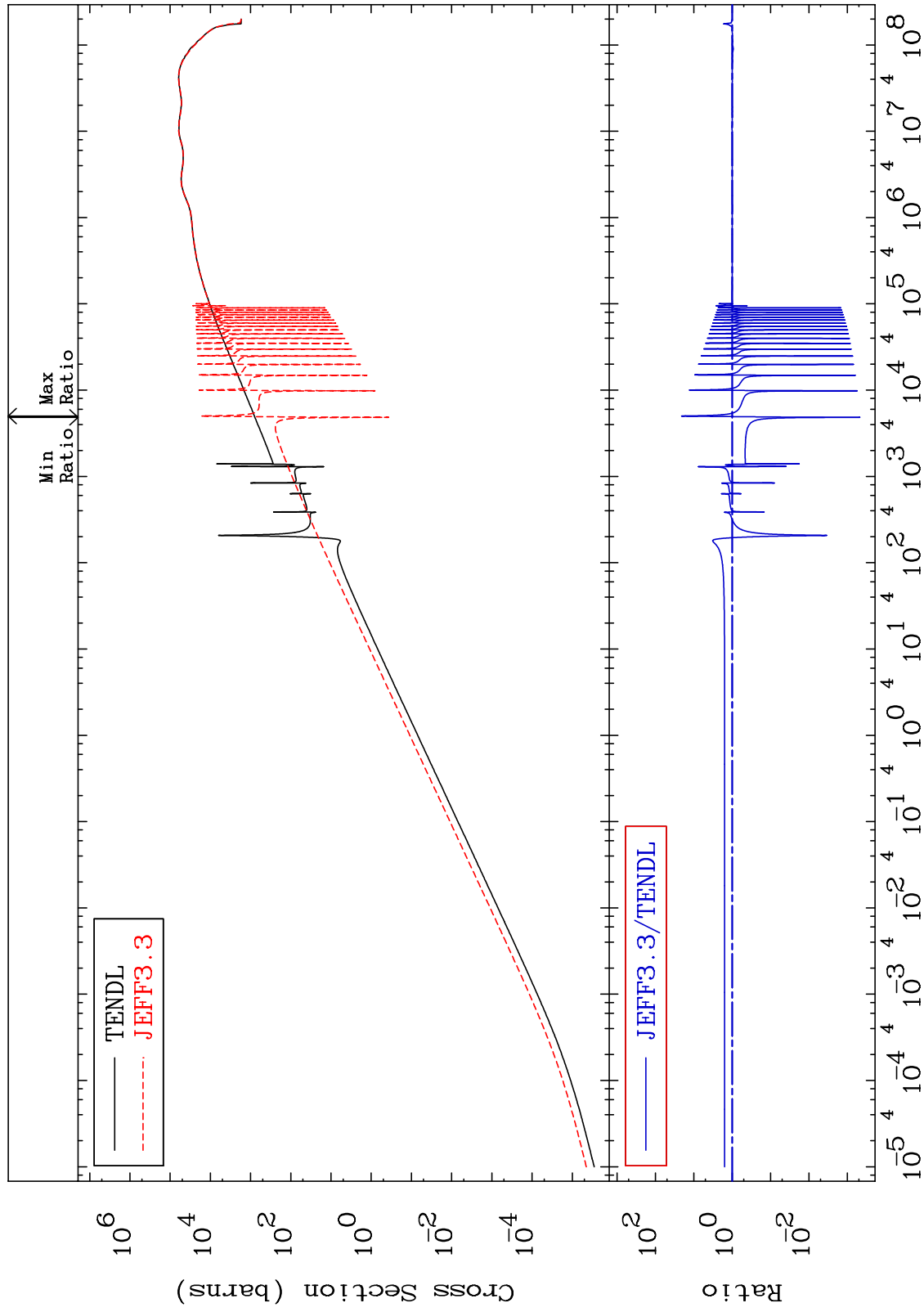


45      Incident Energy (eV)      82-Pb-205

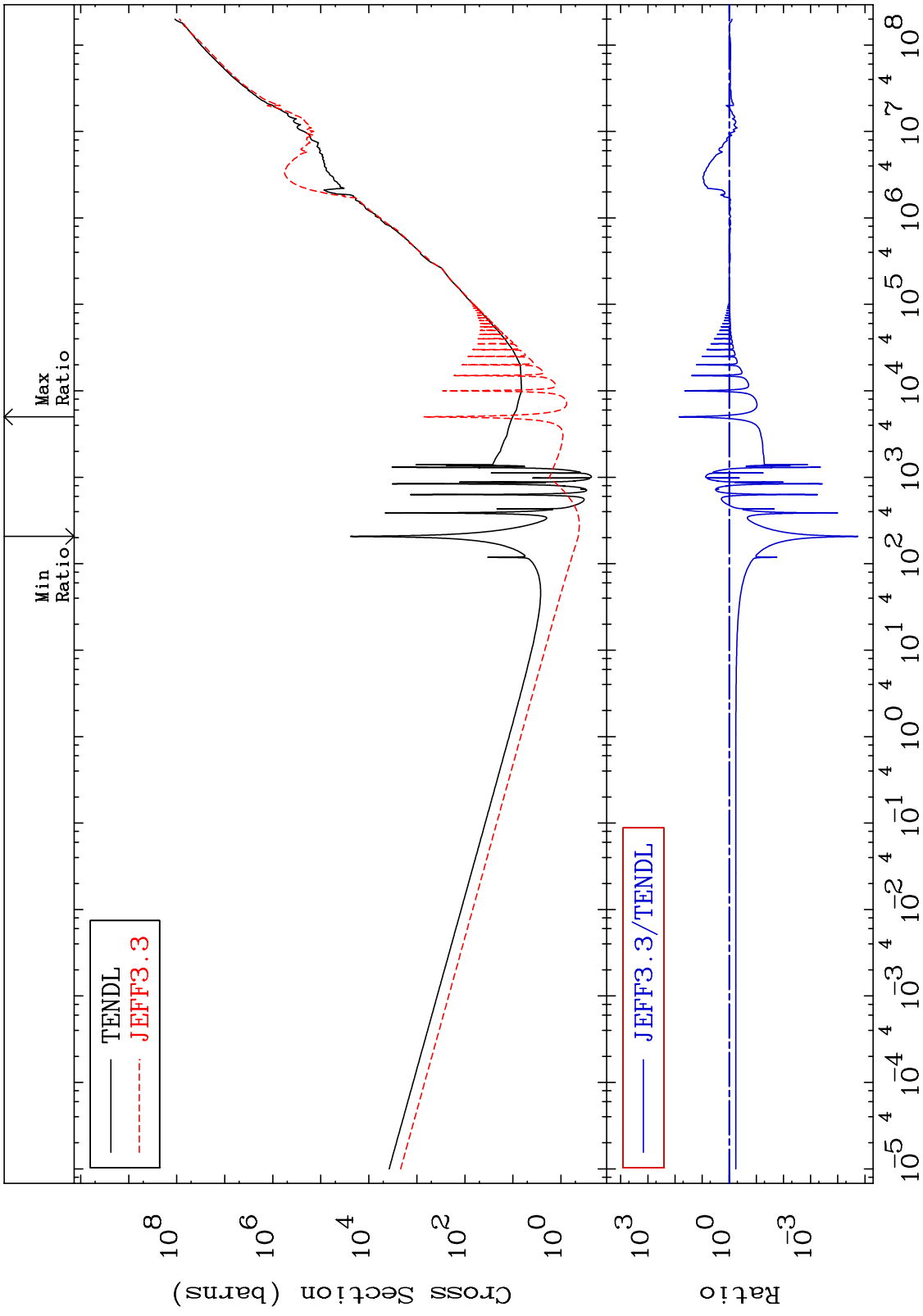
MAT 8228

Kerma elastic  
Cross Section

82-Pb-205  
-99.95 To 1994. %

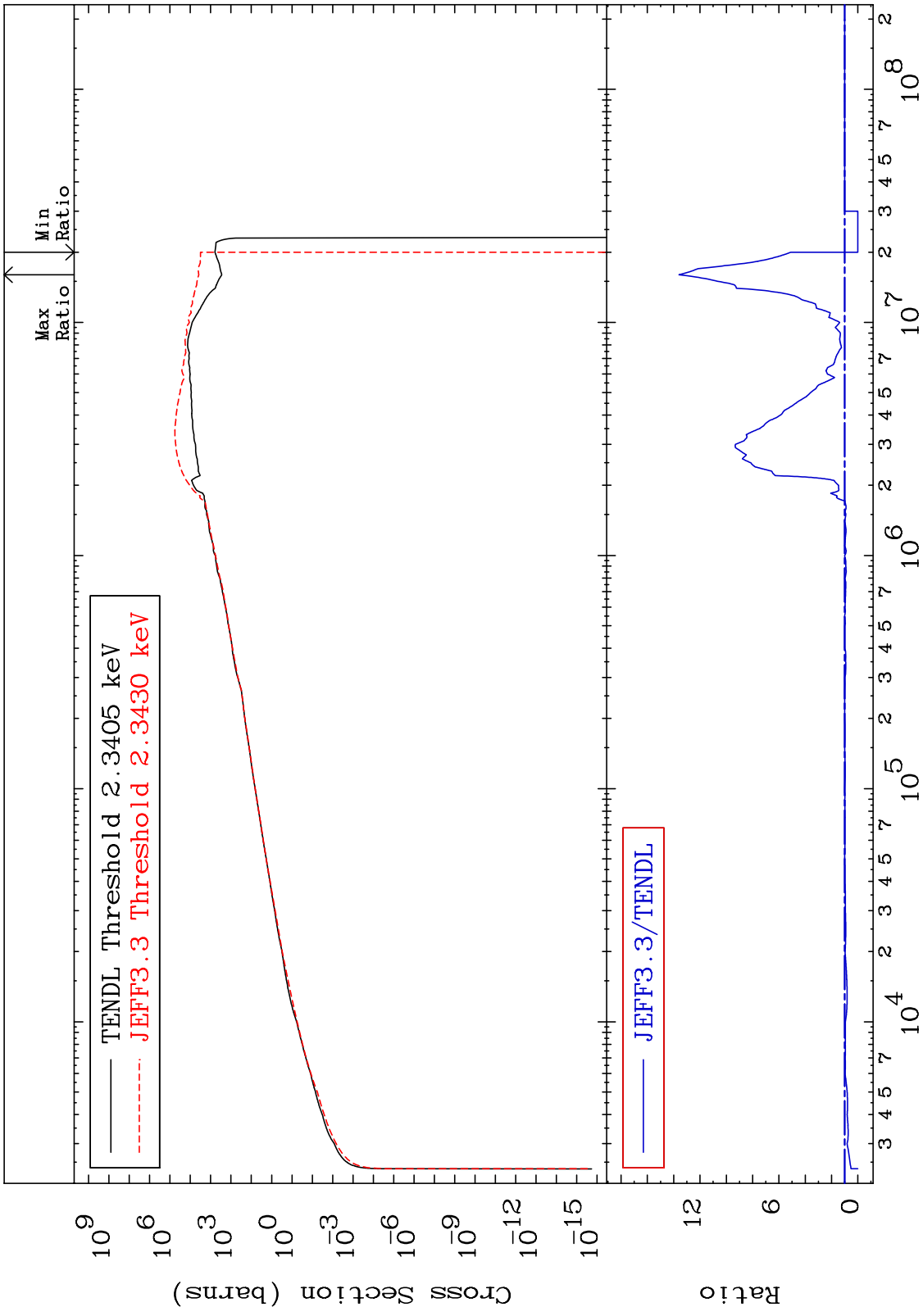


MAT 8228      Kerma non-elastic (all but mt2)      82-Pb-205  
 -100.0 To 6981. %  
 Cross Section





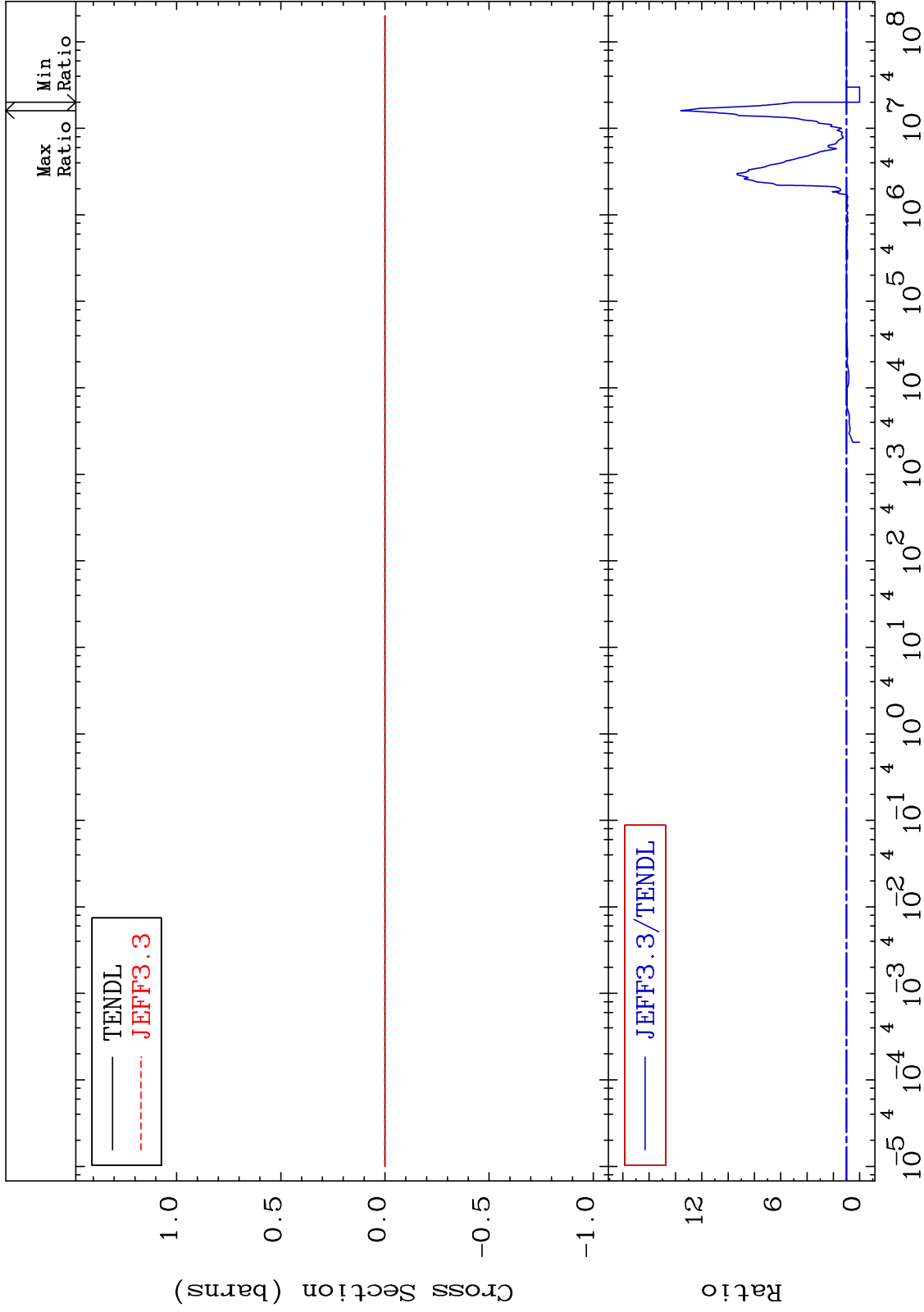
MAT 8228 Kerma inelastic (mt51-91) 82-Pb-205  
 Cross Section -100.0 To 1259. %



MAT 8228

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

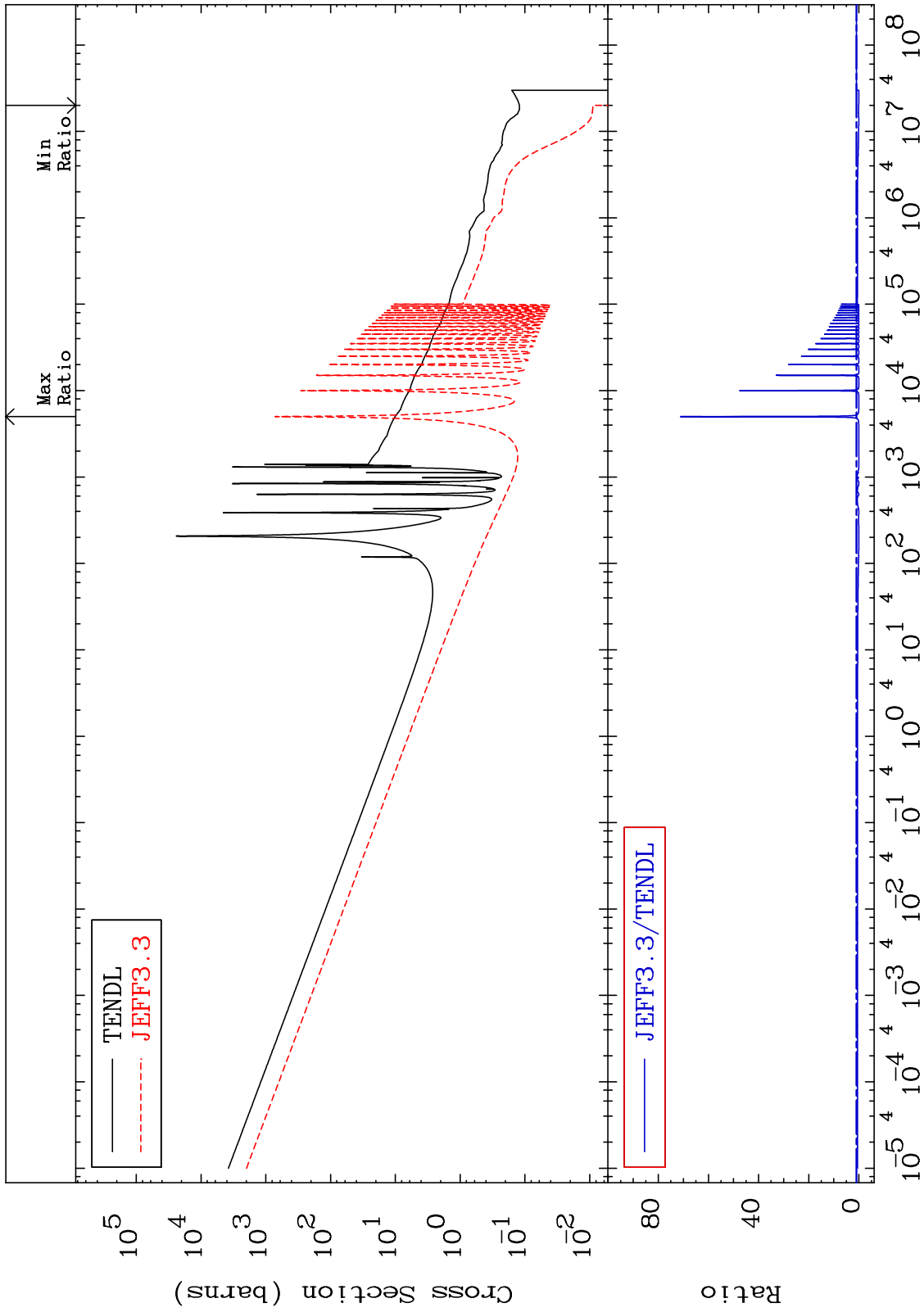
82-Pb-205  
-100.0 To 1259. %



MAT 8228

Kerma capture (mt102)  
Cross Section

82-Pb-205  
-100.0 To 7025. %



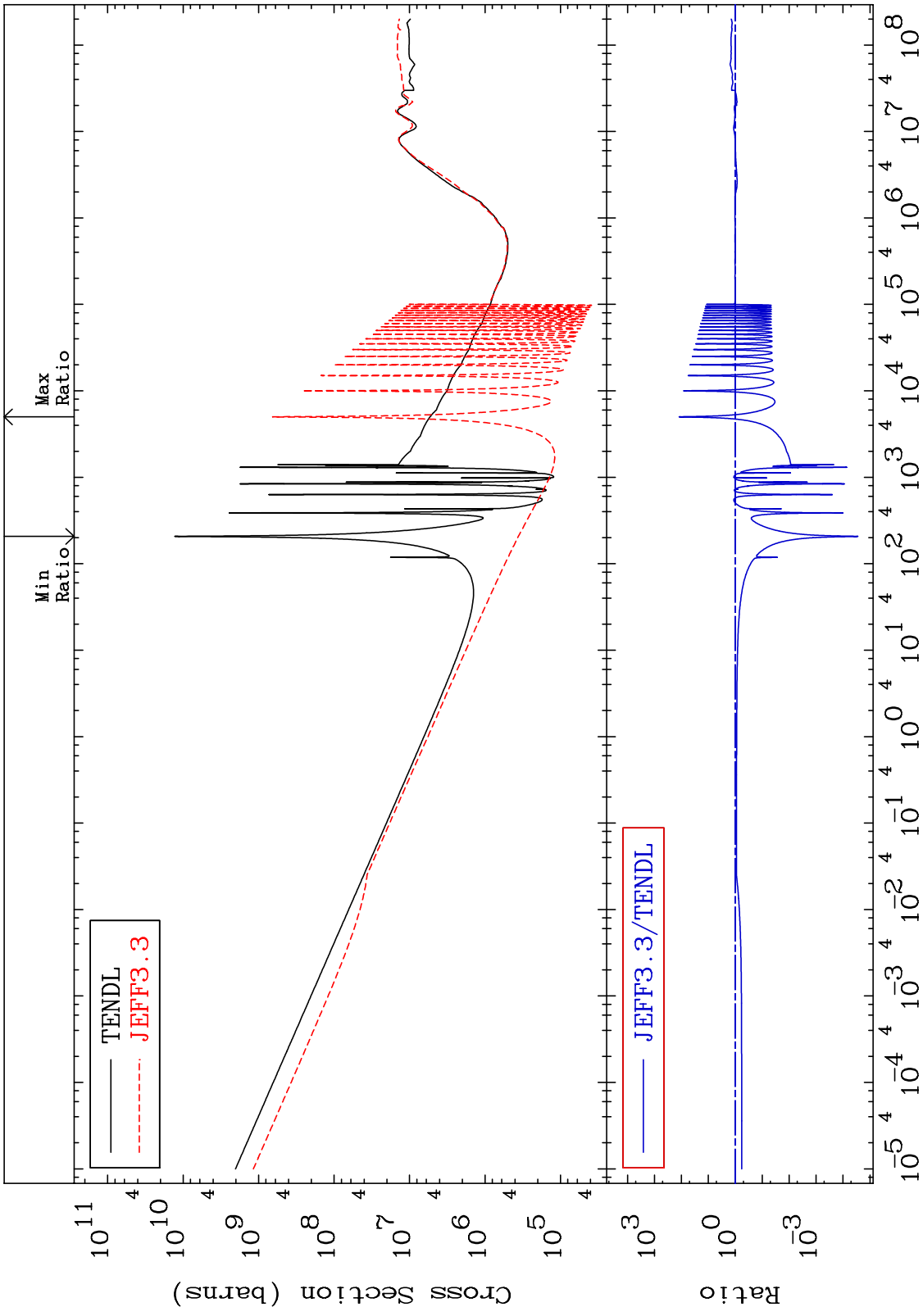
50

Incident Energy (eV)

82-Pb-205

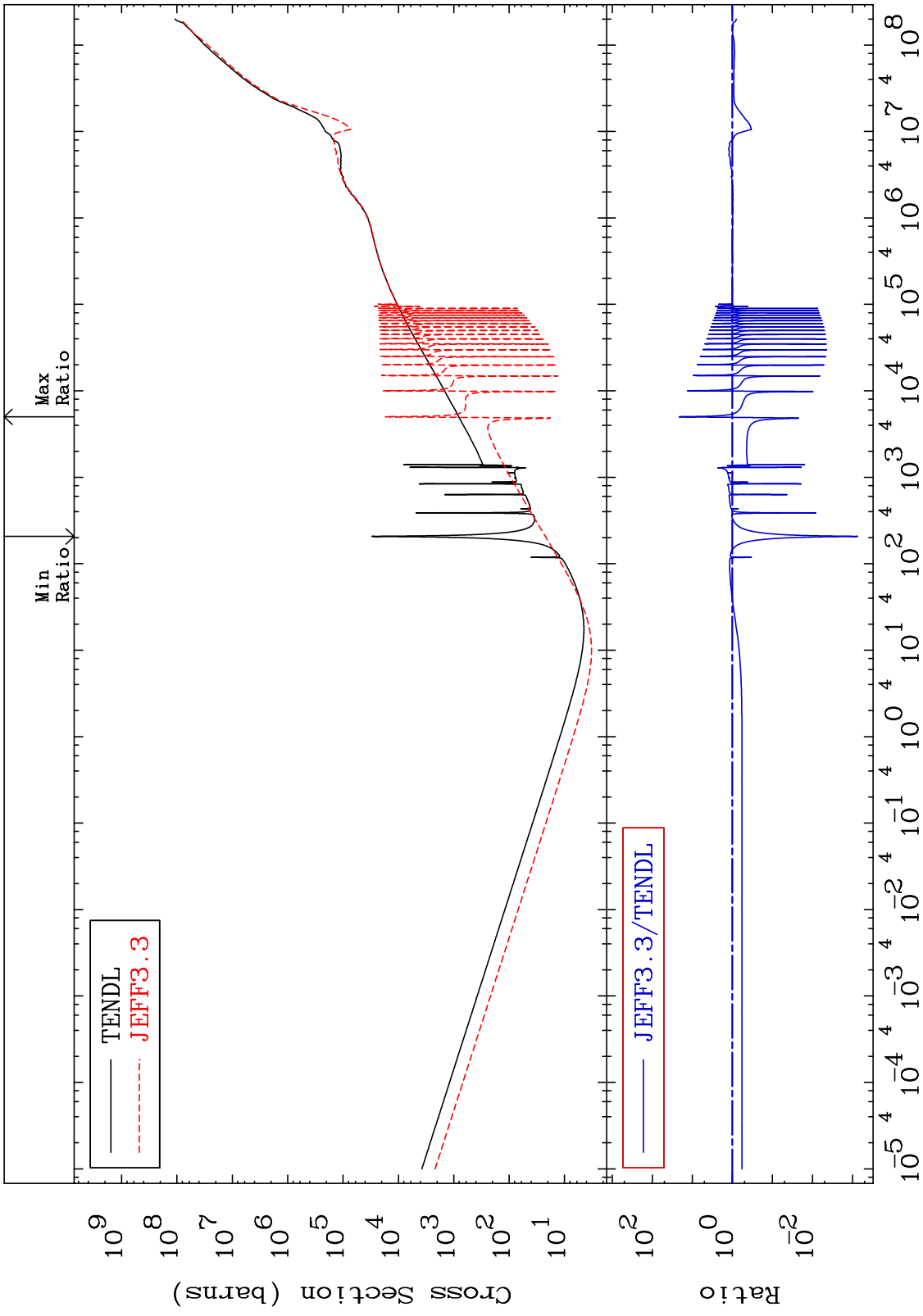
MAT 8228 82-Pb-205 -100.0 To 9999. %

Total photon (eV-barns)  
Cross Section



Incident Energy (eV) 82-Pb-205

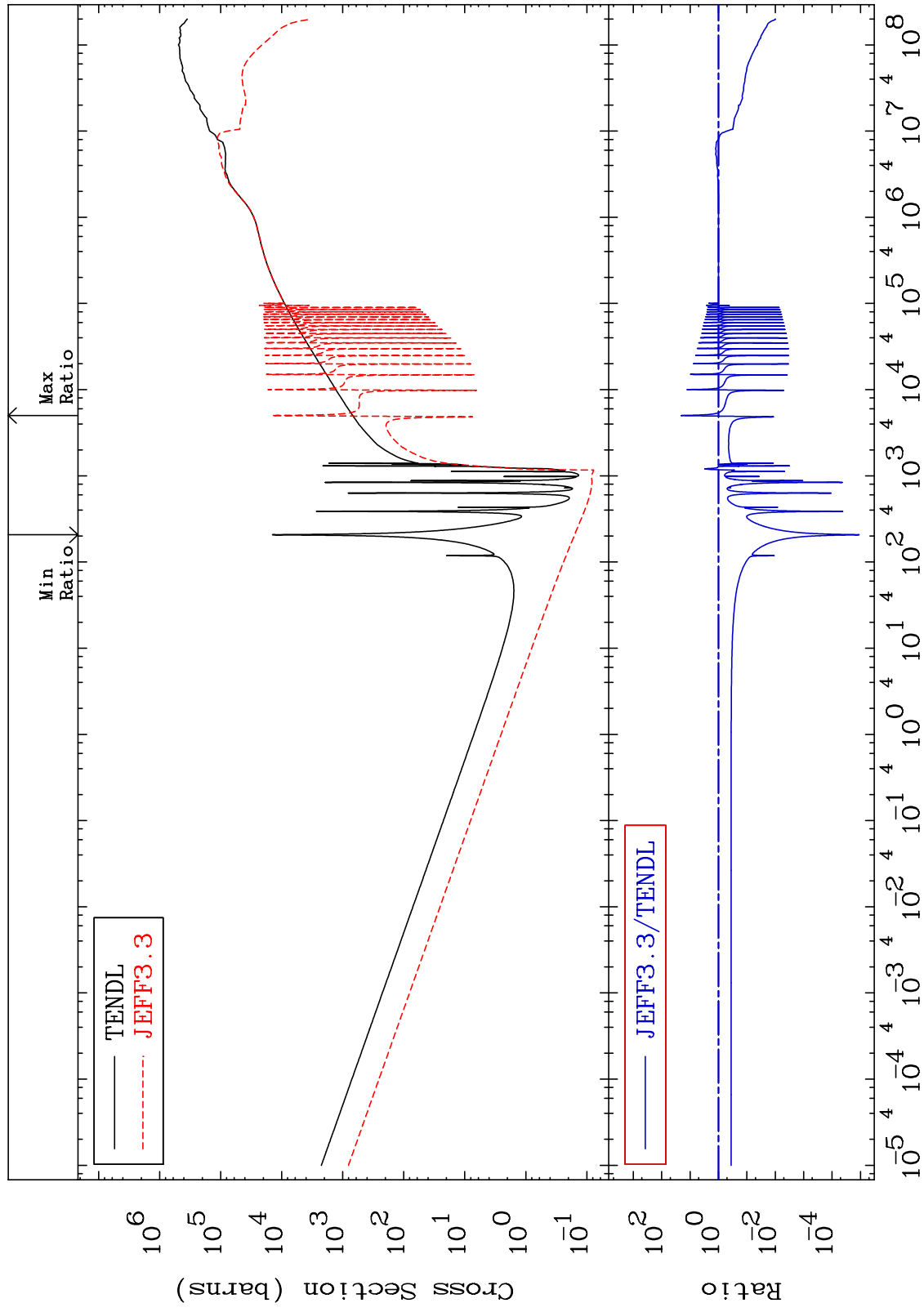
MAT 8228      Total kinematic kerma (high limit)      82-Pb-205  
 -99.93 To 2054. %  
 Cross Section



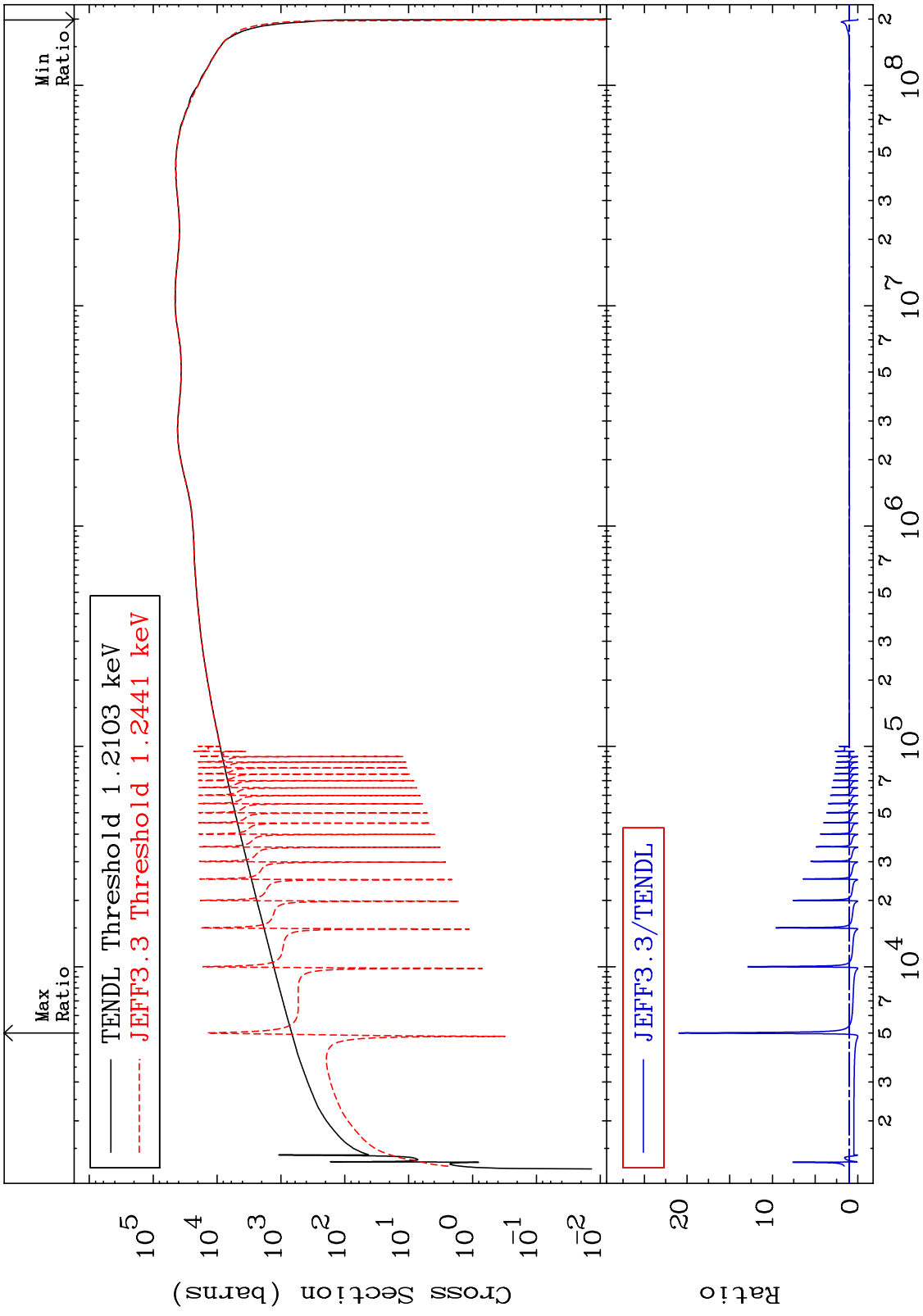
MAT 8228

Dpa total (eV-barns)  
Cross Section

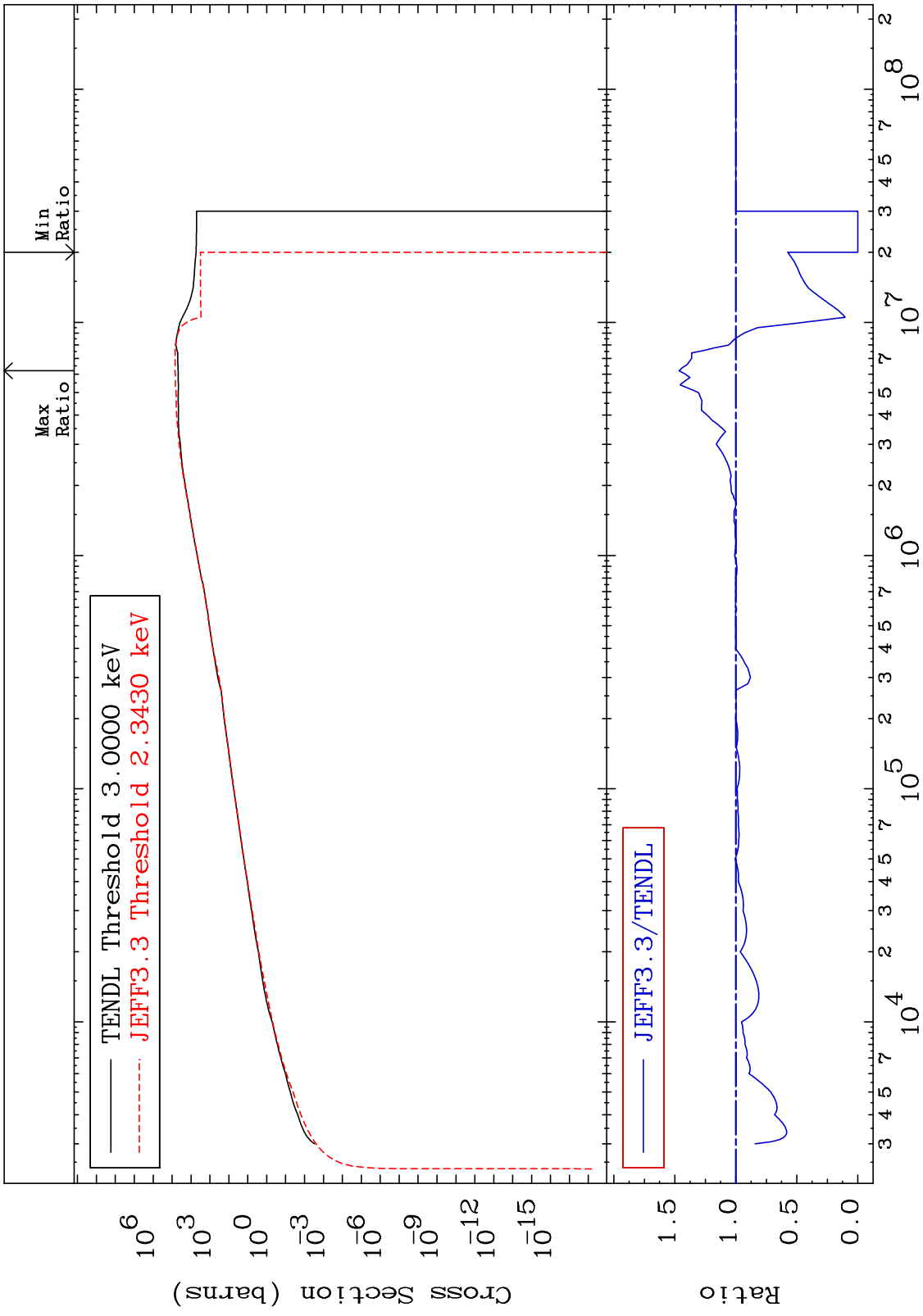
82-Pb-205  
-100.0 To 2017. %



MAT 8228      Dpa elastic (mt2)      82-Pb-205  
 Cross Section      -100.0 To 1994. %



MAT 8228      Dpa inelastic (mt51-91)      82-Pb-205  
 Cross Section      -100.0 To 46.56 %

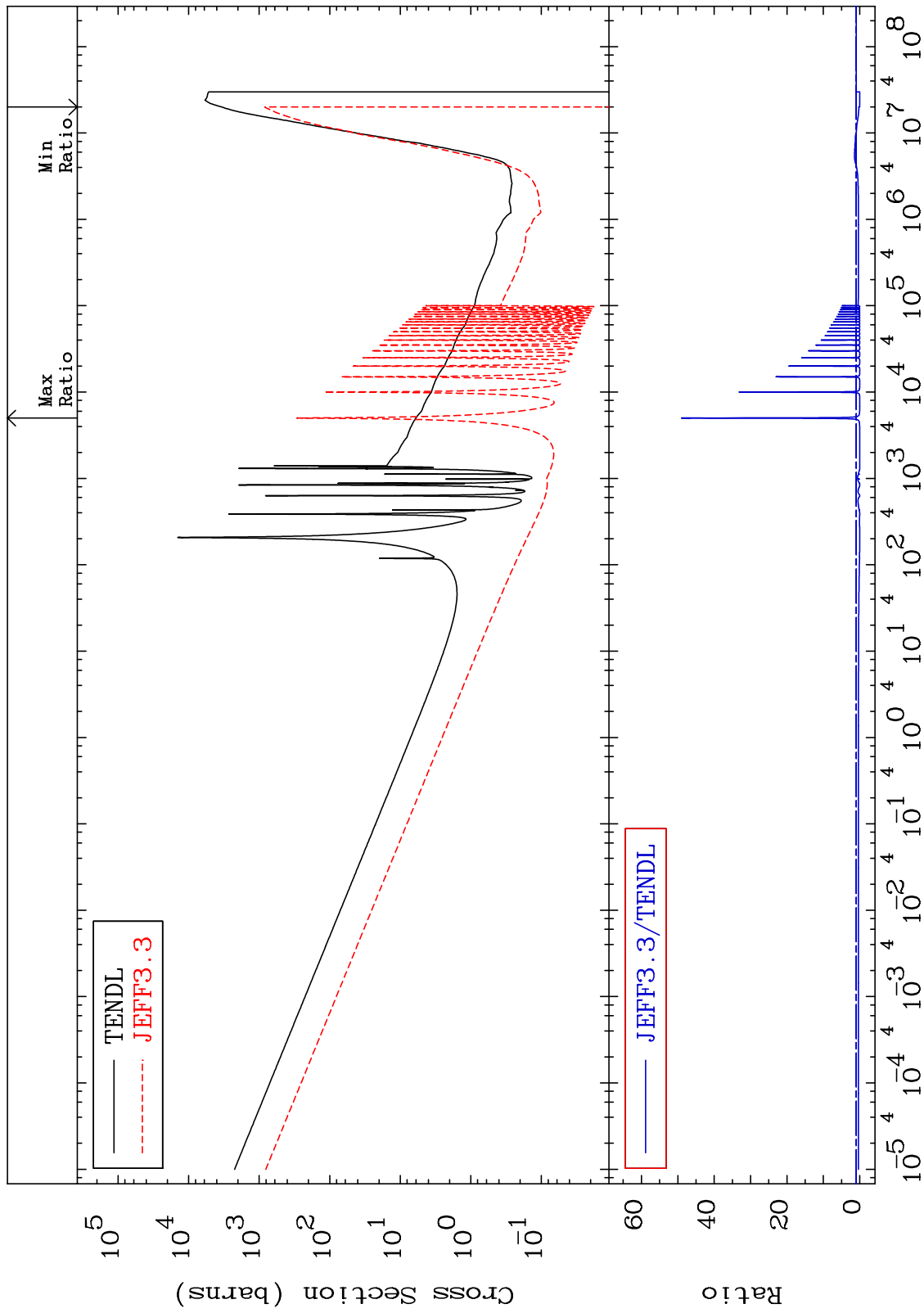


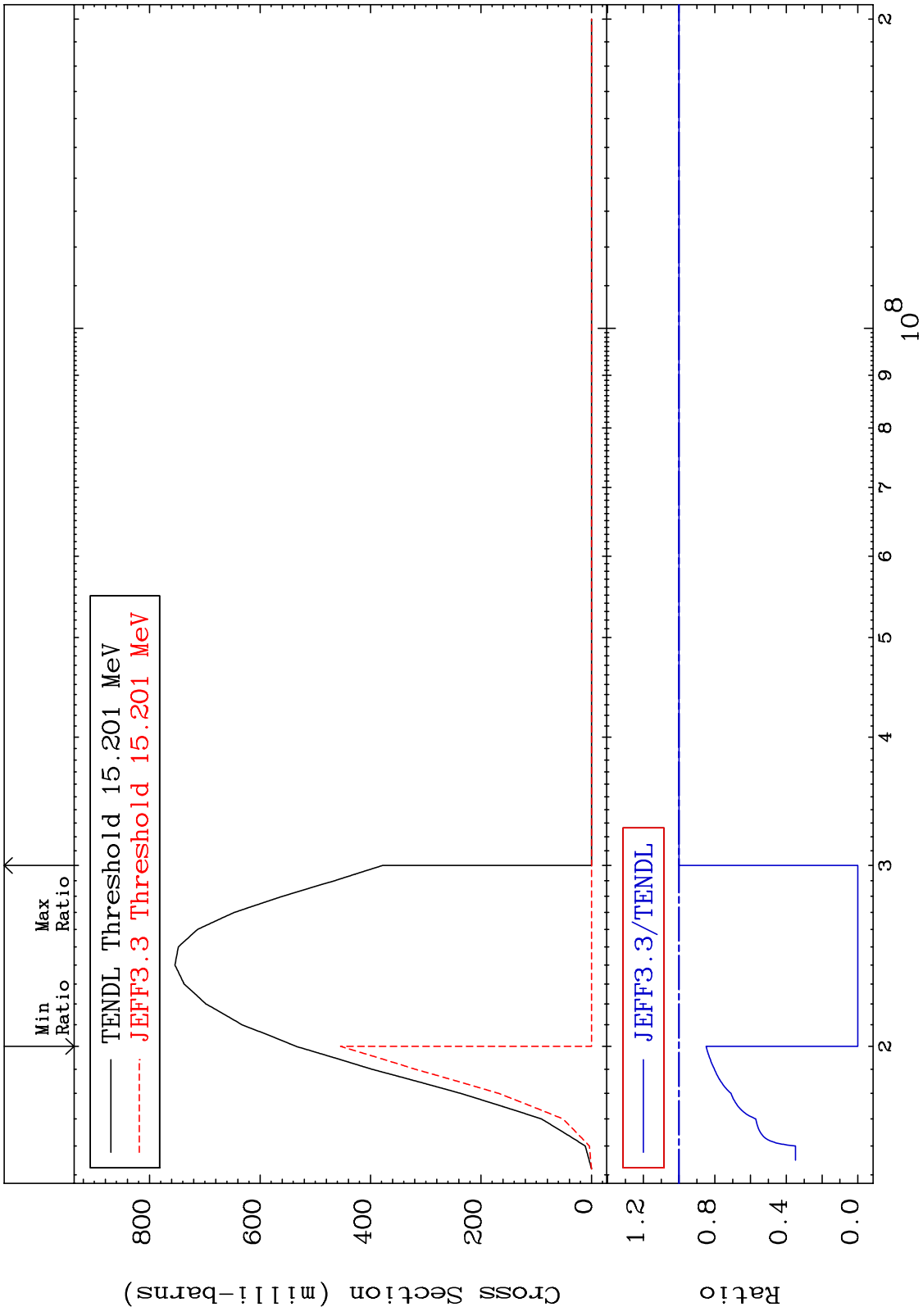


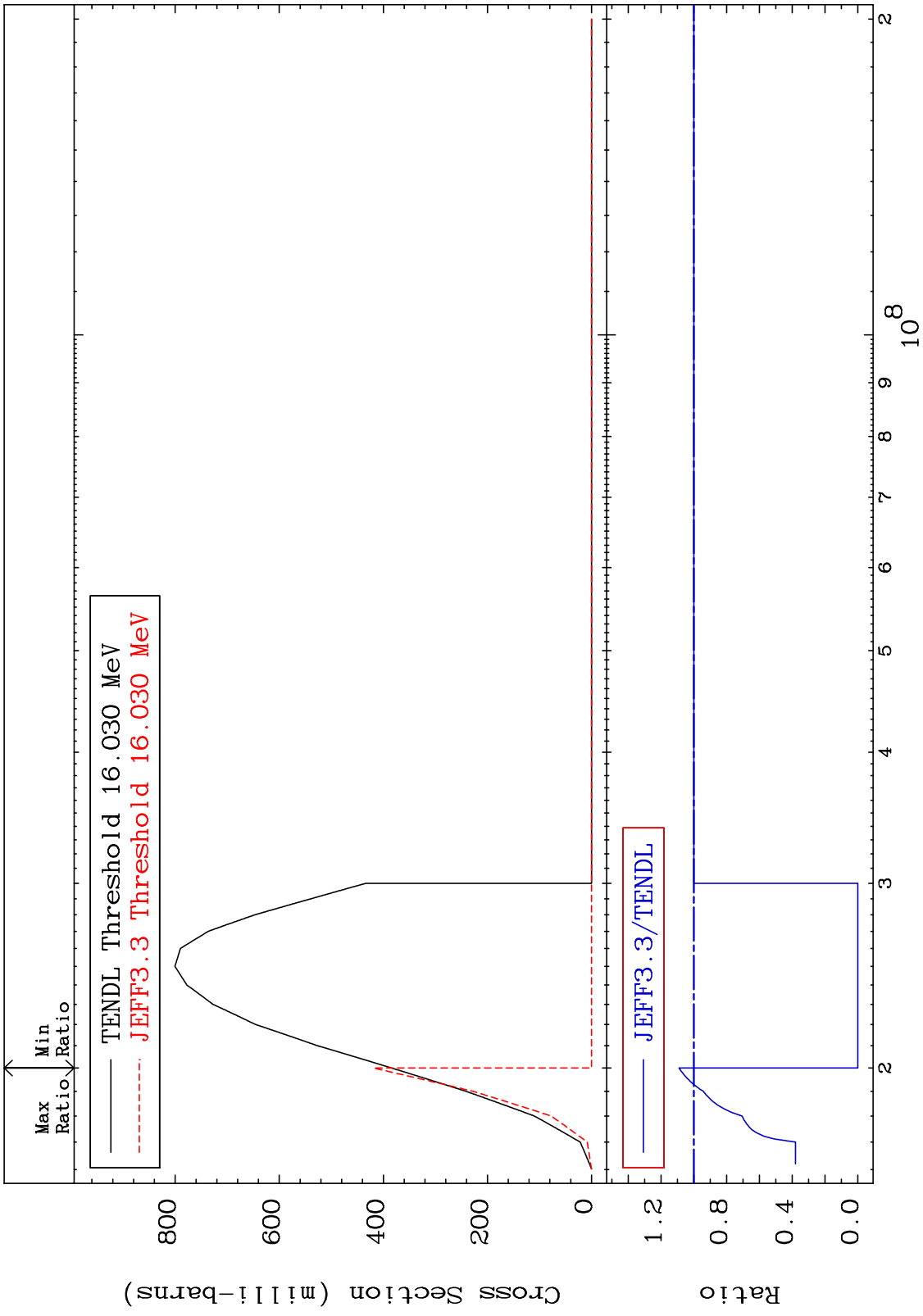
MAT 8228

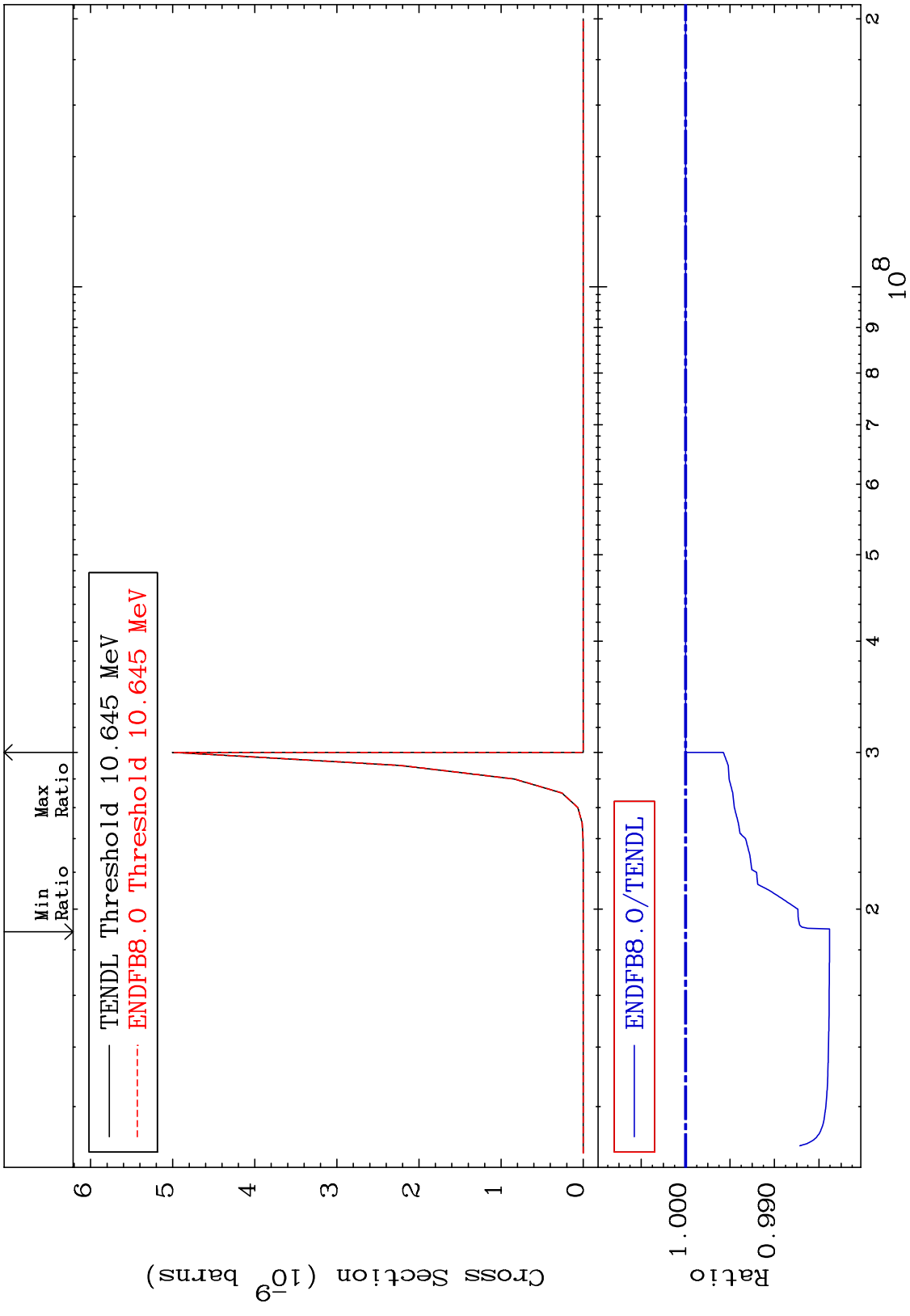
Dpa disappearance (mt102 -120)  
Cross Section

82-Pb-205  
-100.0 To 4806. %





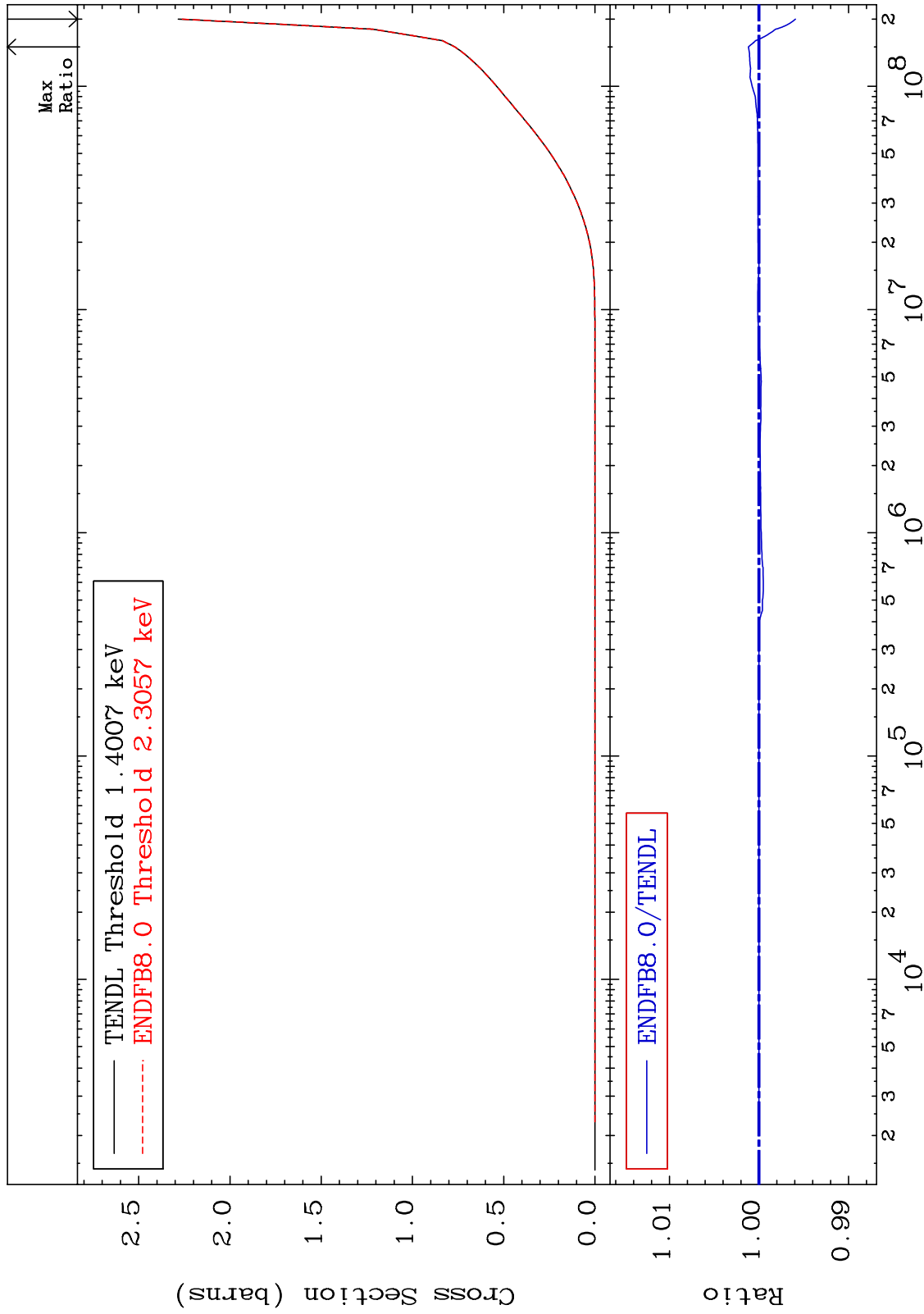




MAT 8228

Hydrogen Production  
Cross Section

82-Pb-205  
-0.407 To 0.119 %



60

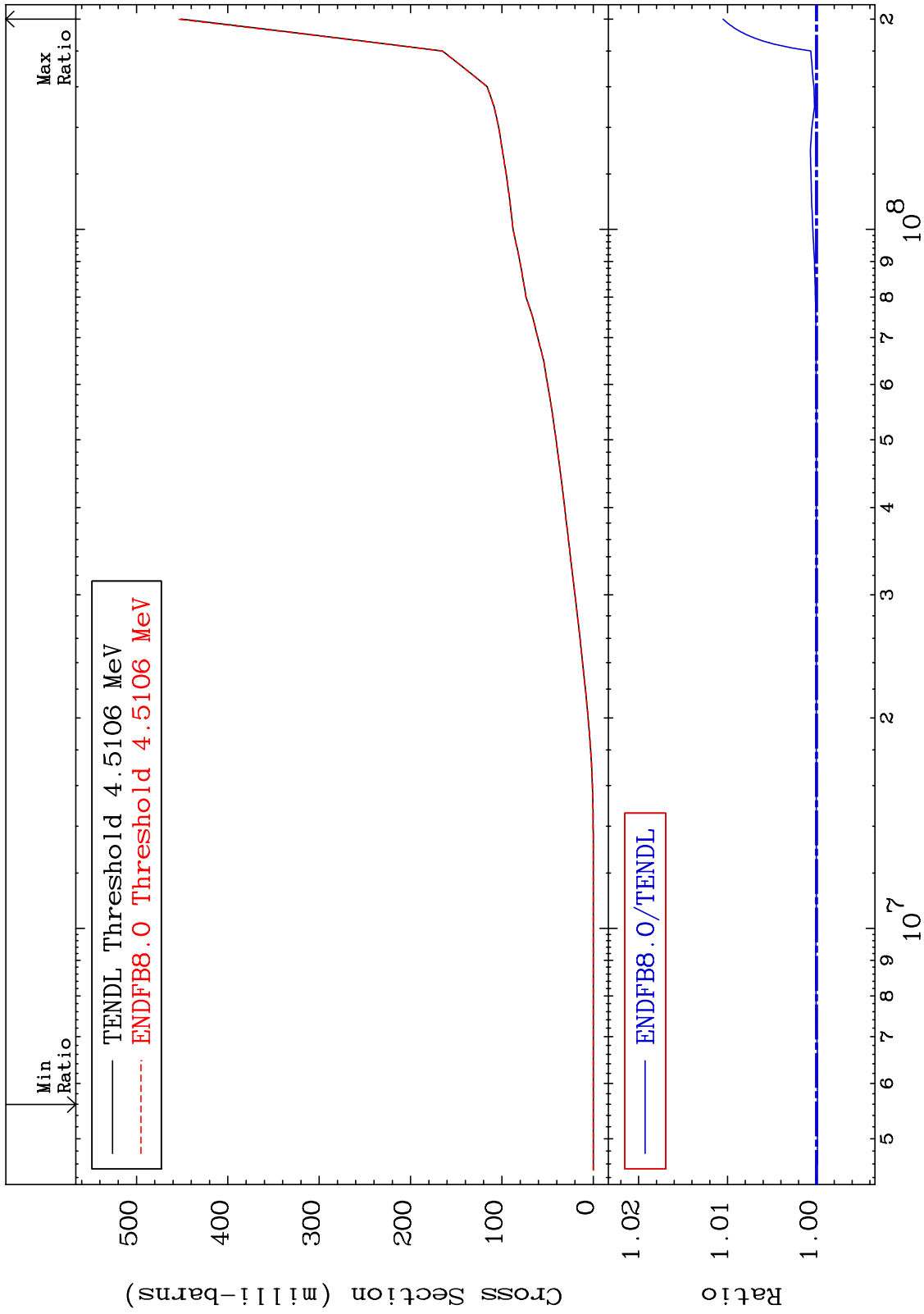
Incident Energy (eV)

82-Pb-205

MAT 8228

Deuterium Production  
Cross Section

82-Pb-205  
-0.011 To 1.051 %



61

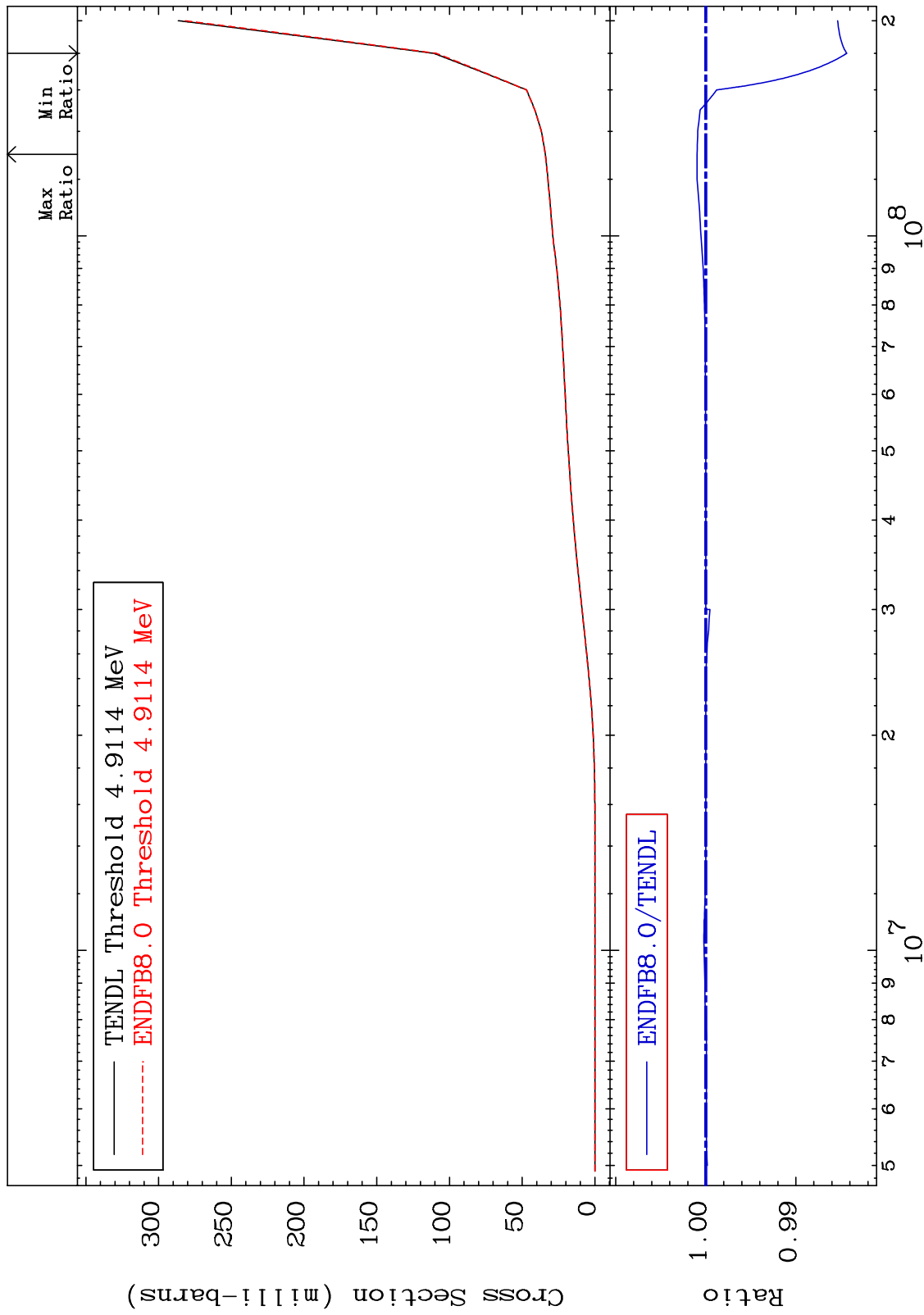
Incident Energy (eV)

82-Pb-205

MAT 8228

Tritium Production  
Cross Section

82-Pb-205  
-1.565 To 0.098 %

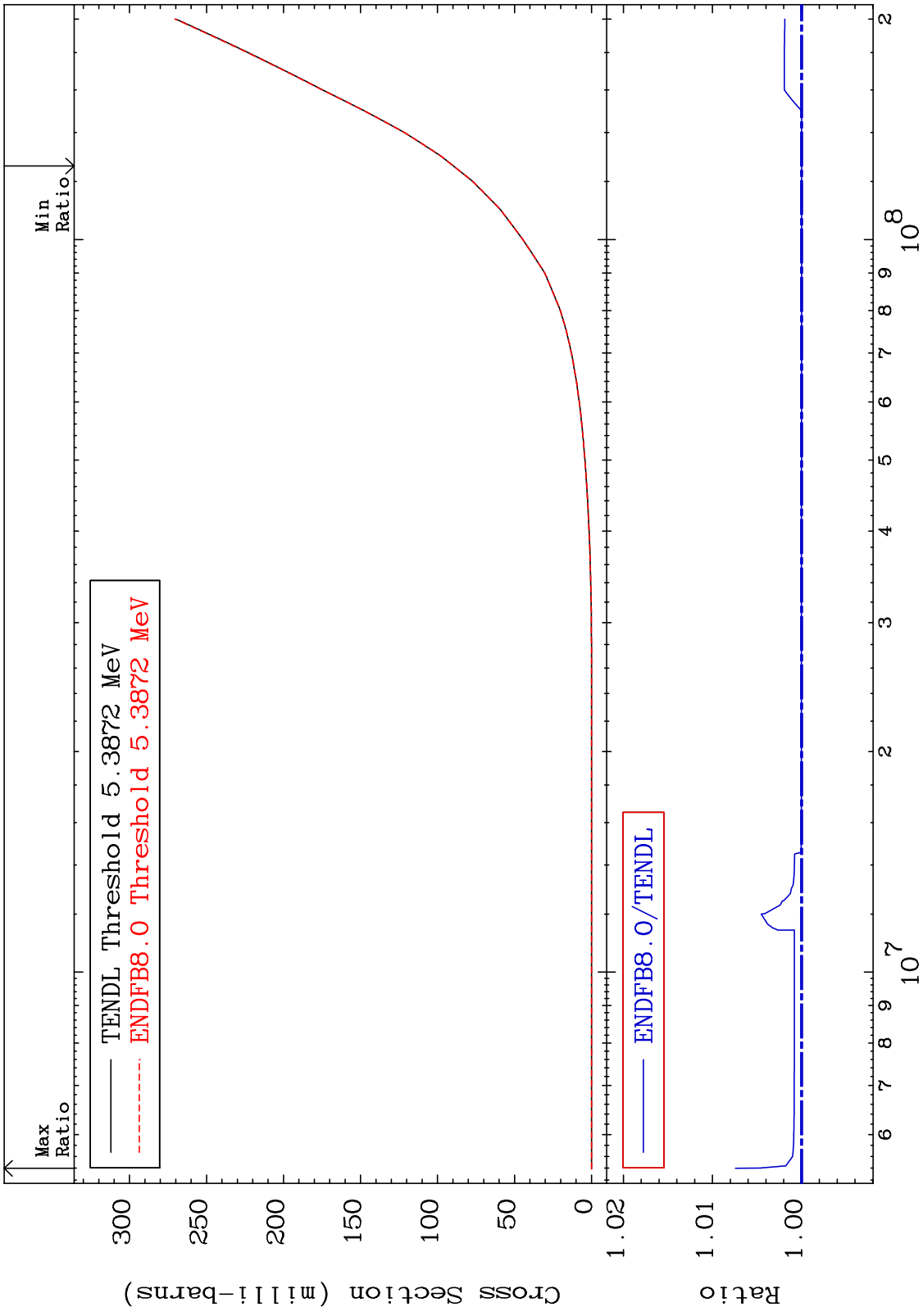


62

Incident Energy (eV)

82-Pb-205

MAT 8228 He-3 Production Cross Section 82-Pb-205 To 0.744 %

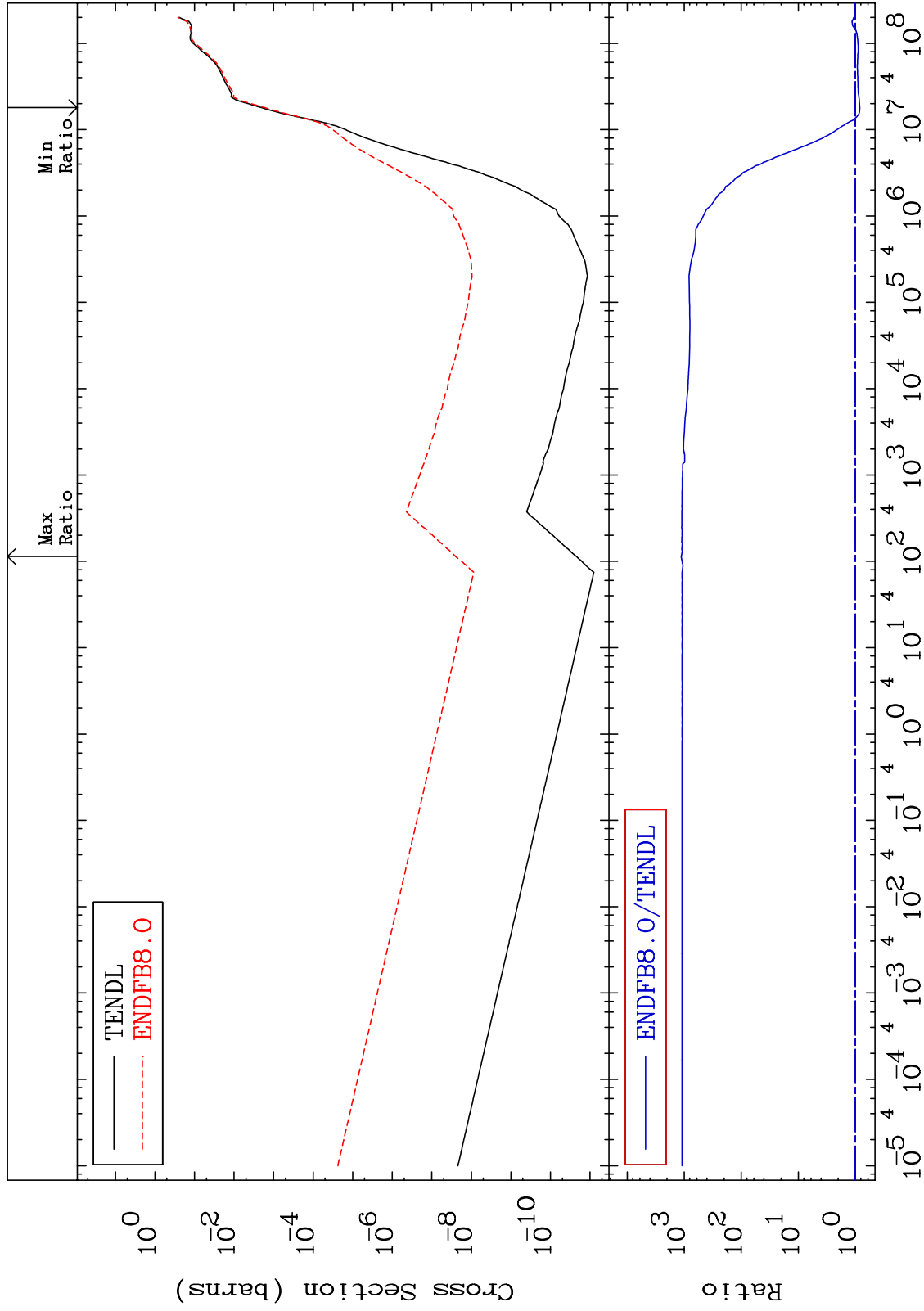




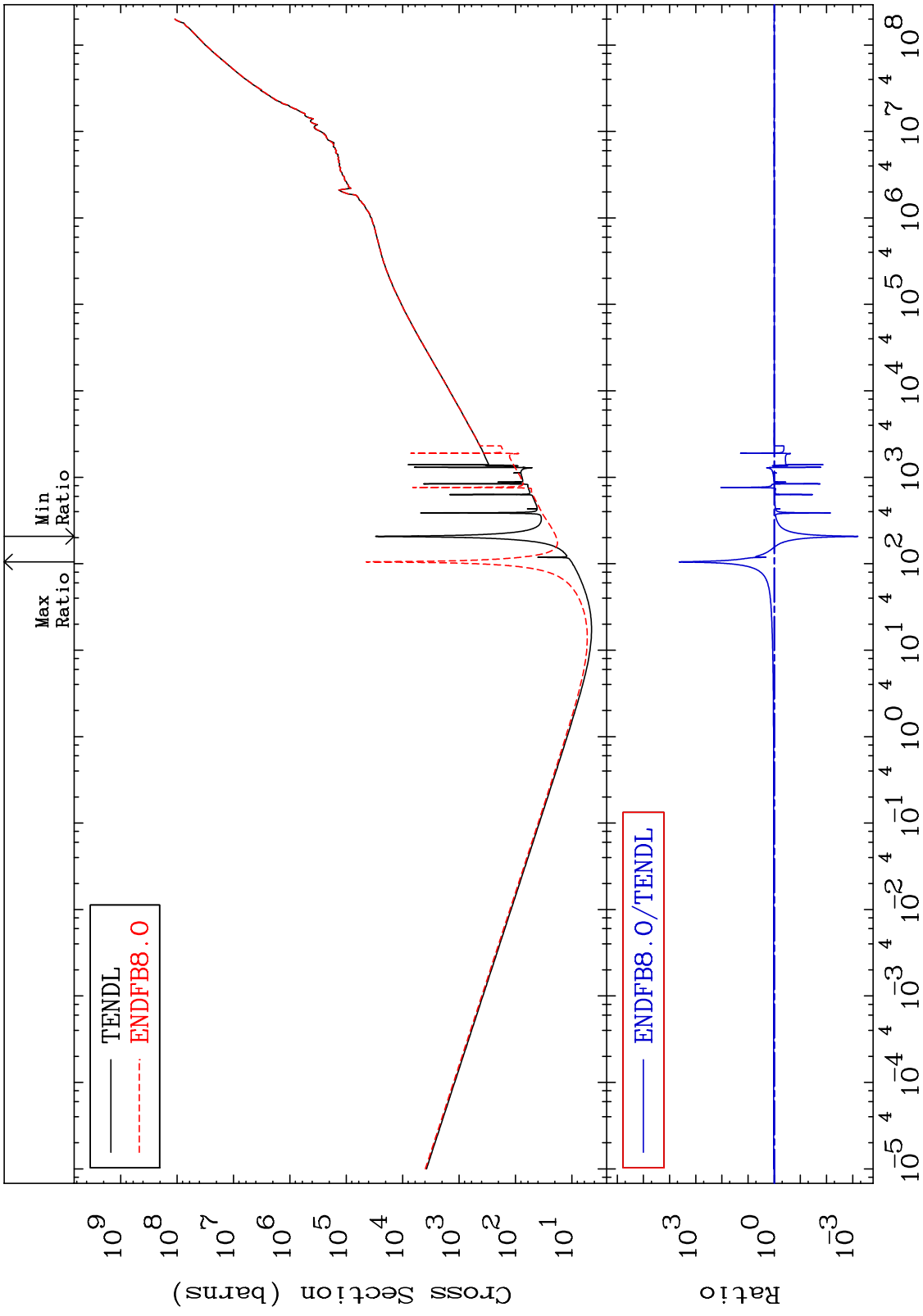
MAT 8228

He-4 Production  
Cross Section

82-Pb-205  
-16.45 To 9999. %



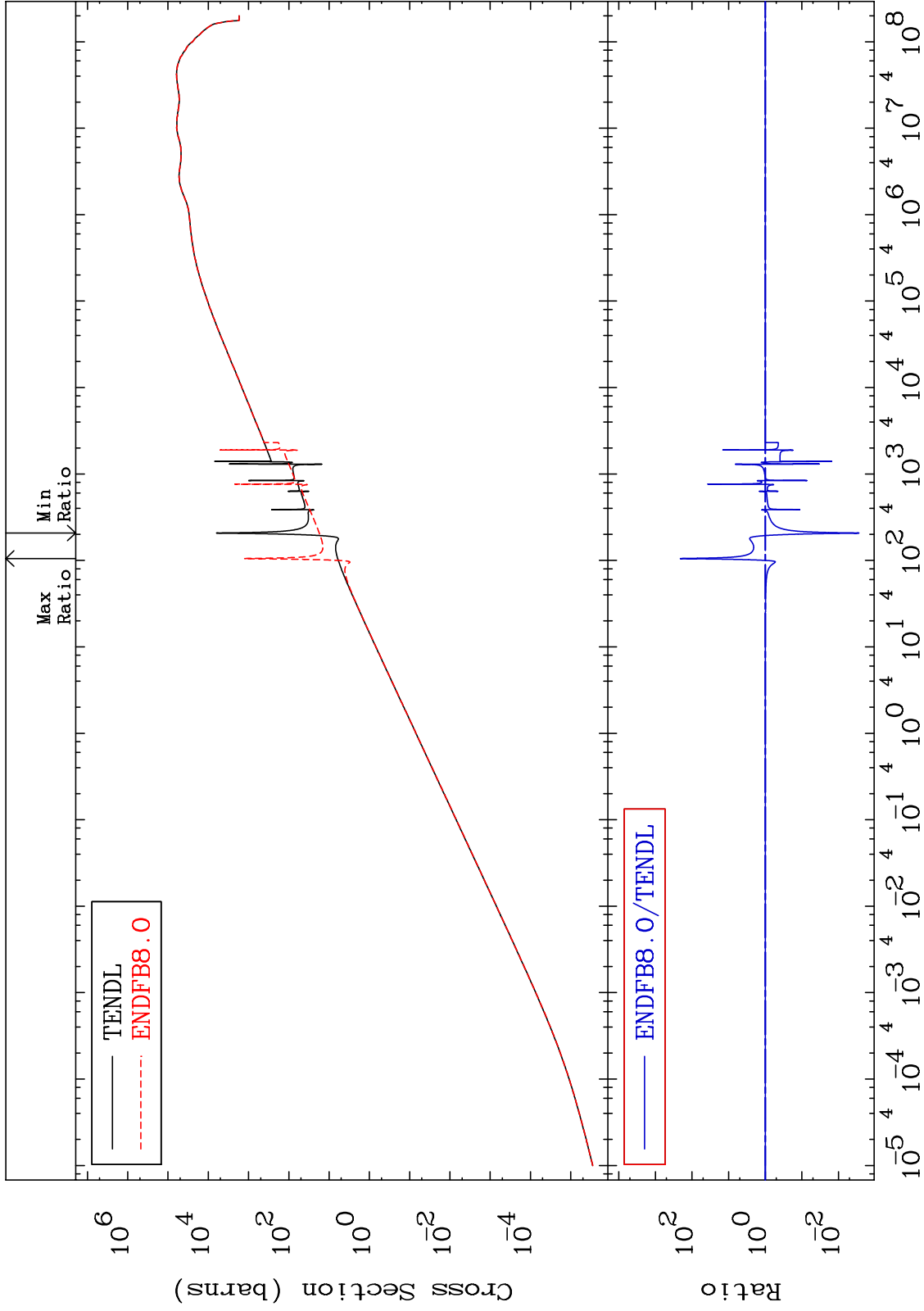
MAT 8228      Kerma total (eV-barns)      82-Pb-205  
 Cross Section      -99.94 To 9999. %



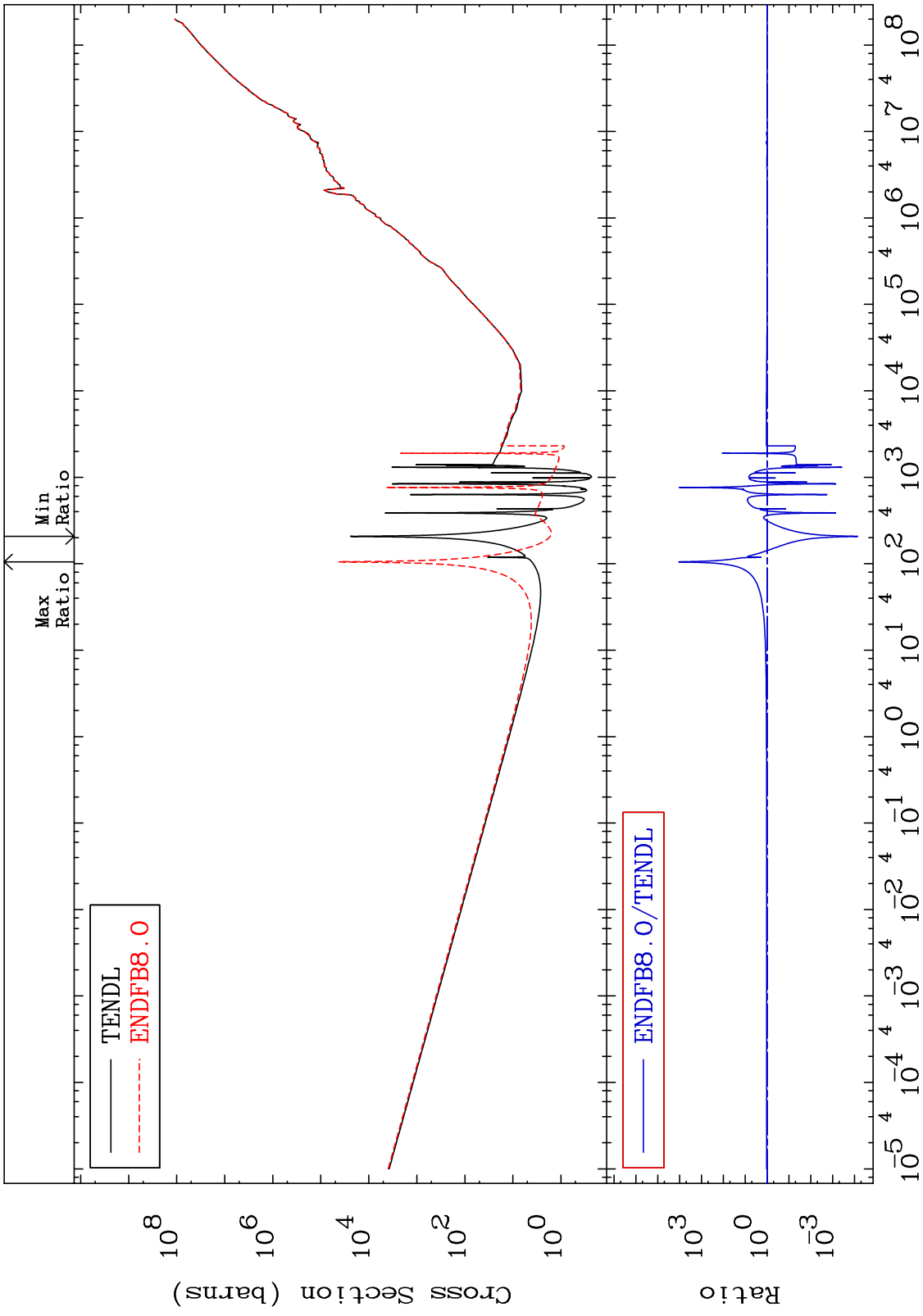
MAT 8228

Kerma elastic  
Cross Section

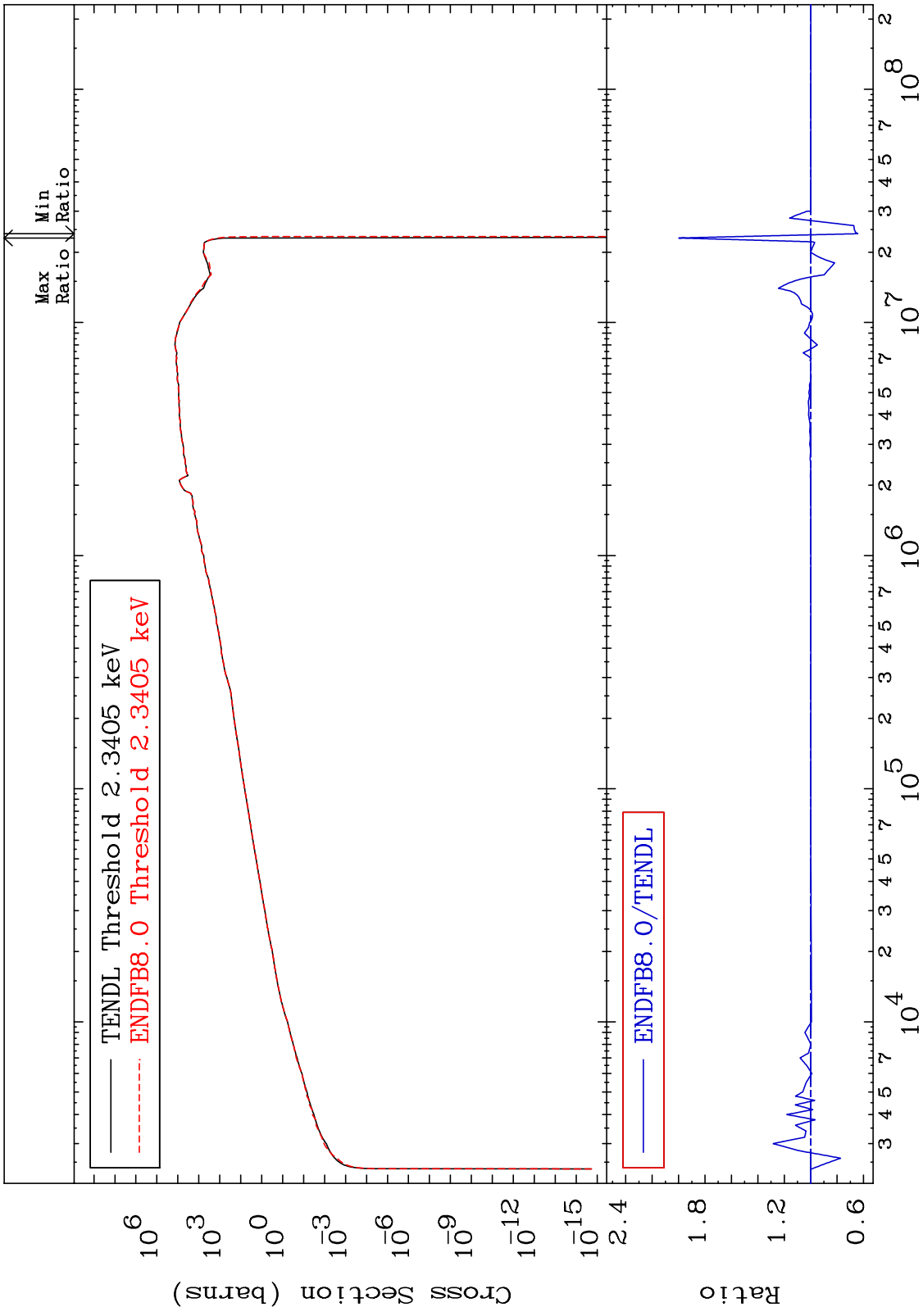
82-Pb-205  
-99.72 To 9999. %



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



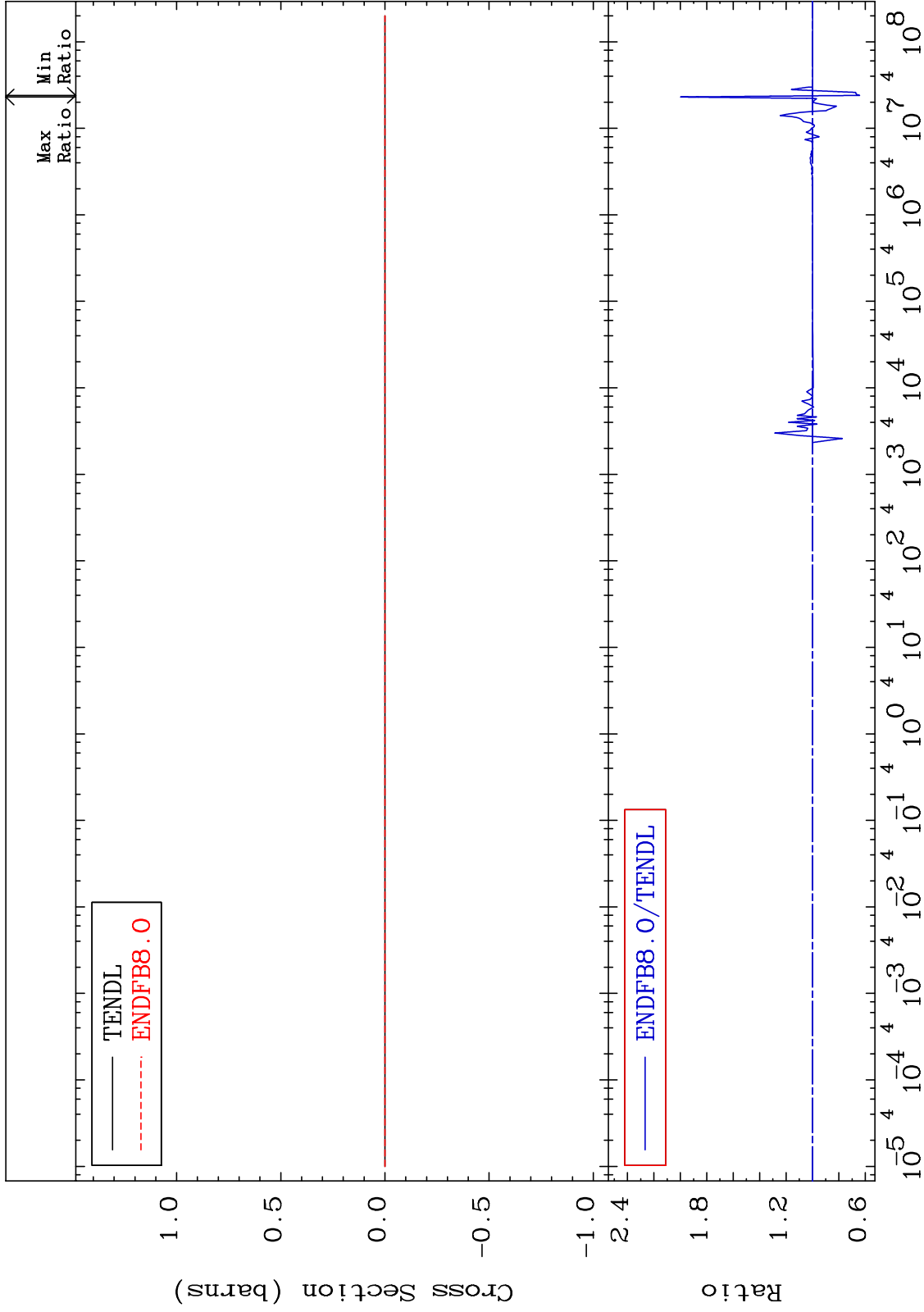
MAT 8228 Kerma inelastic (mt51-91) 82-Pb-205  
 Cross Section -35.68 To 99.63 %



MAT 8228

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

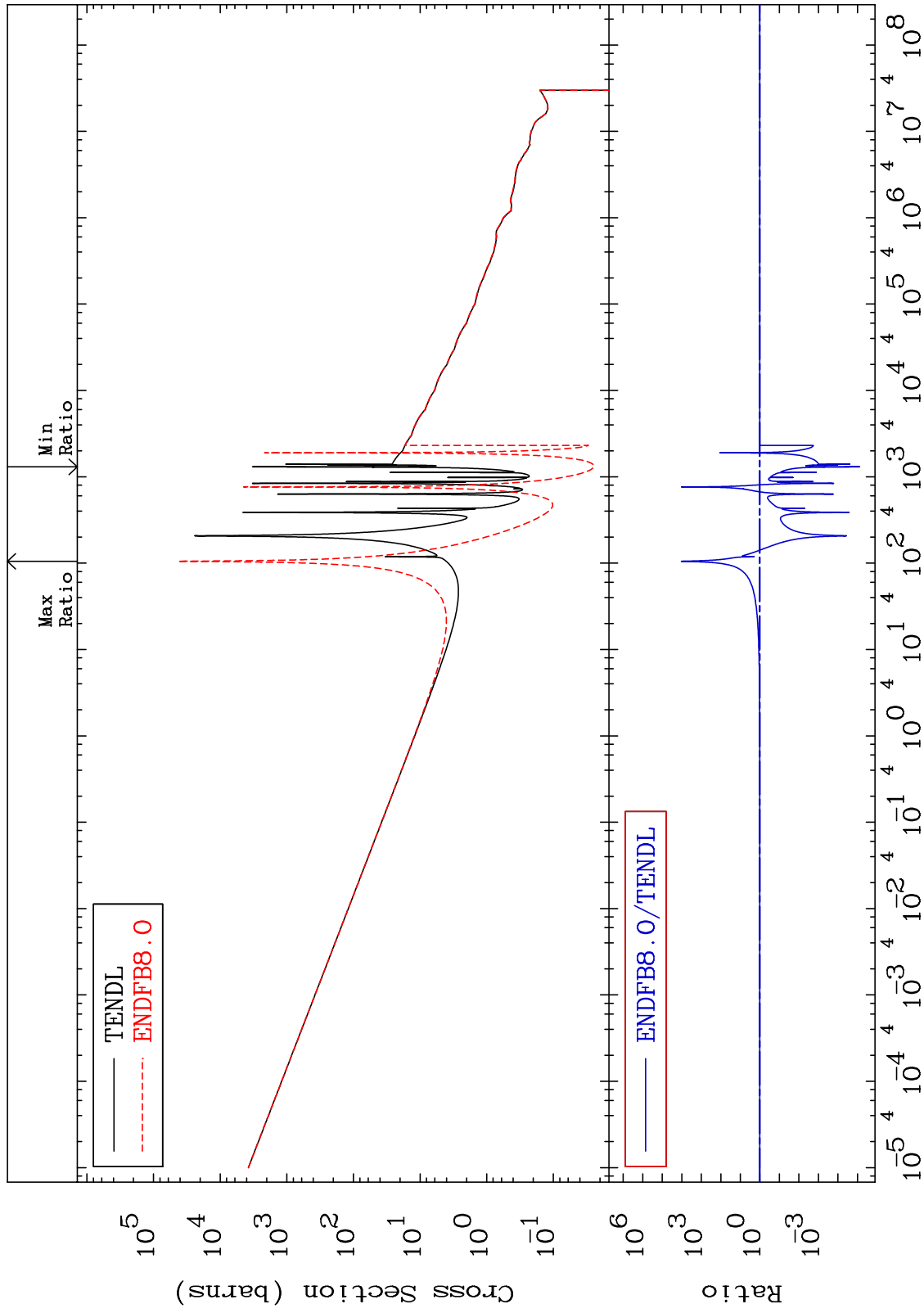
82-Pb-205  
-35.68 To 99.63 %



MAT 8228

Kerma capture (mt102)  
Cross Section

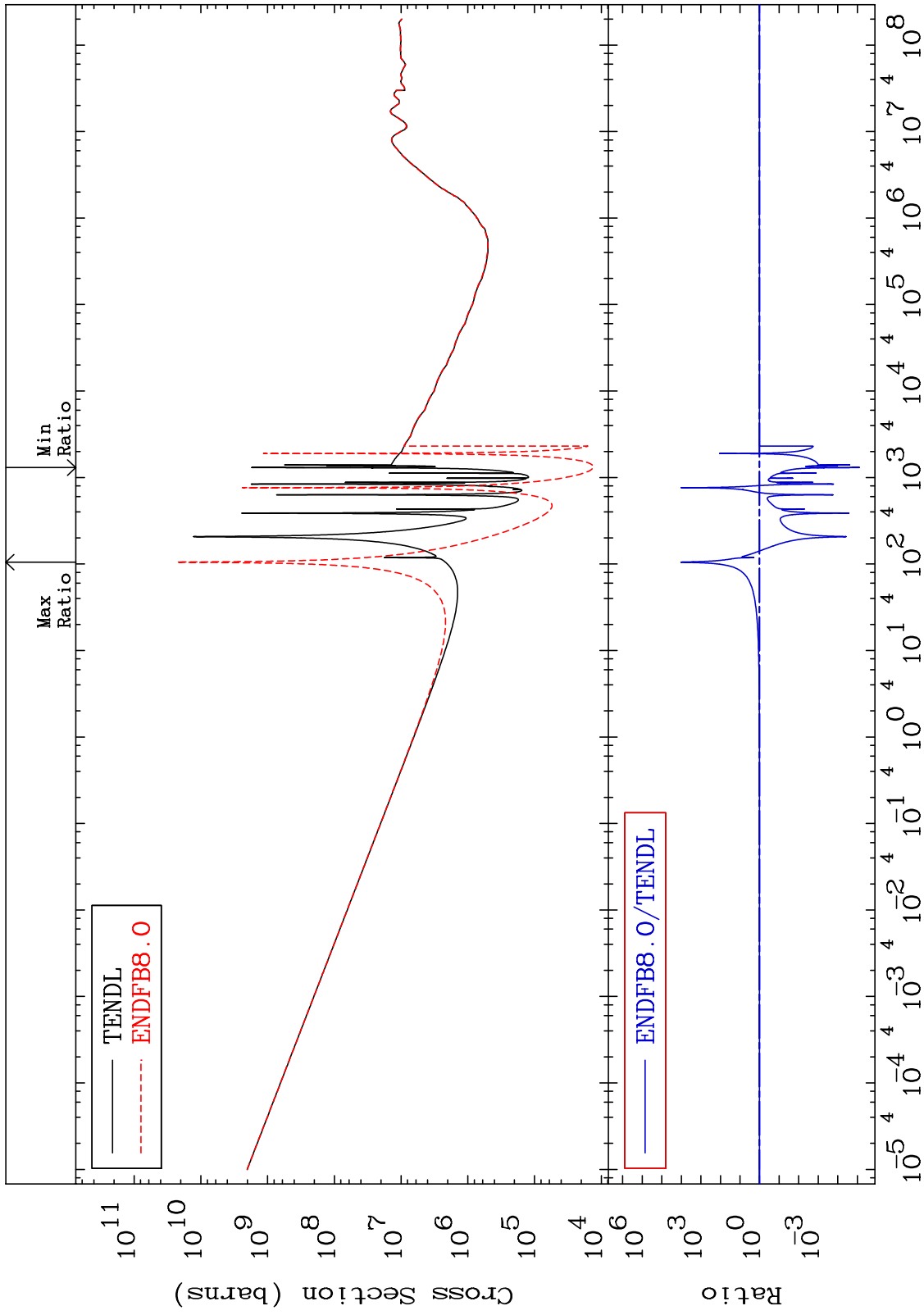
82-Pb-205  
-100.0 To 9999. %



MAT 8228

Total photon (eV-barns)  
Cross Section

82-Pb-205  
-100.0 To 9999. %

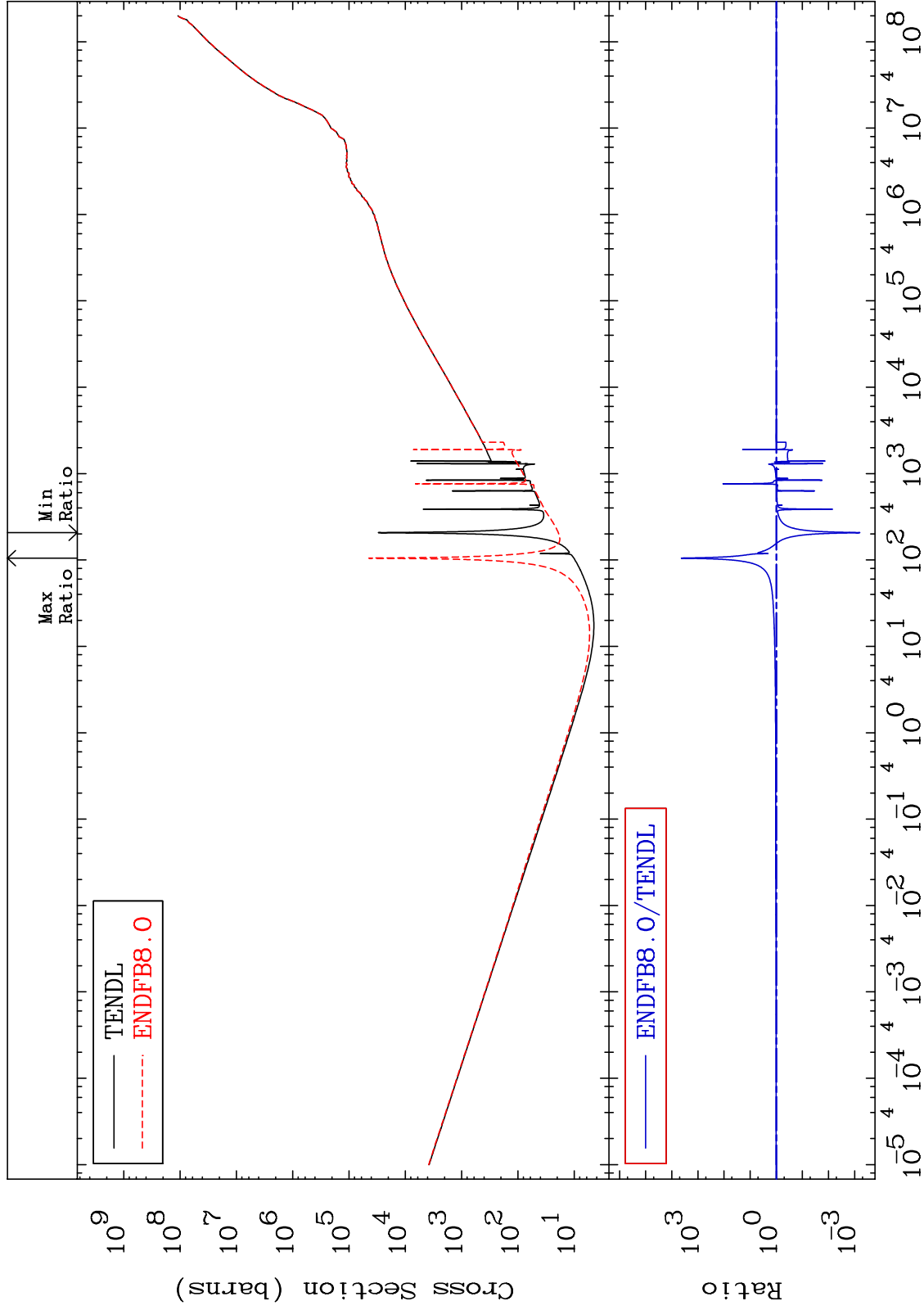




MAT 8228

Total kinematic kerma (high limit)  
Cross Section

82-Pb-205  
-99.94 To 9999. %



72

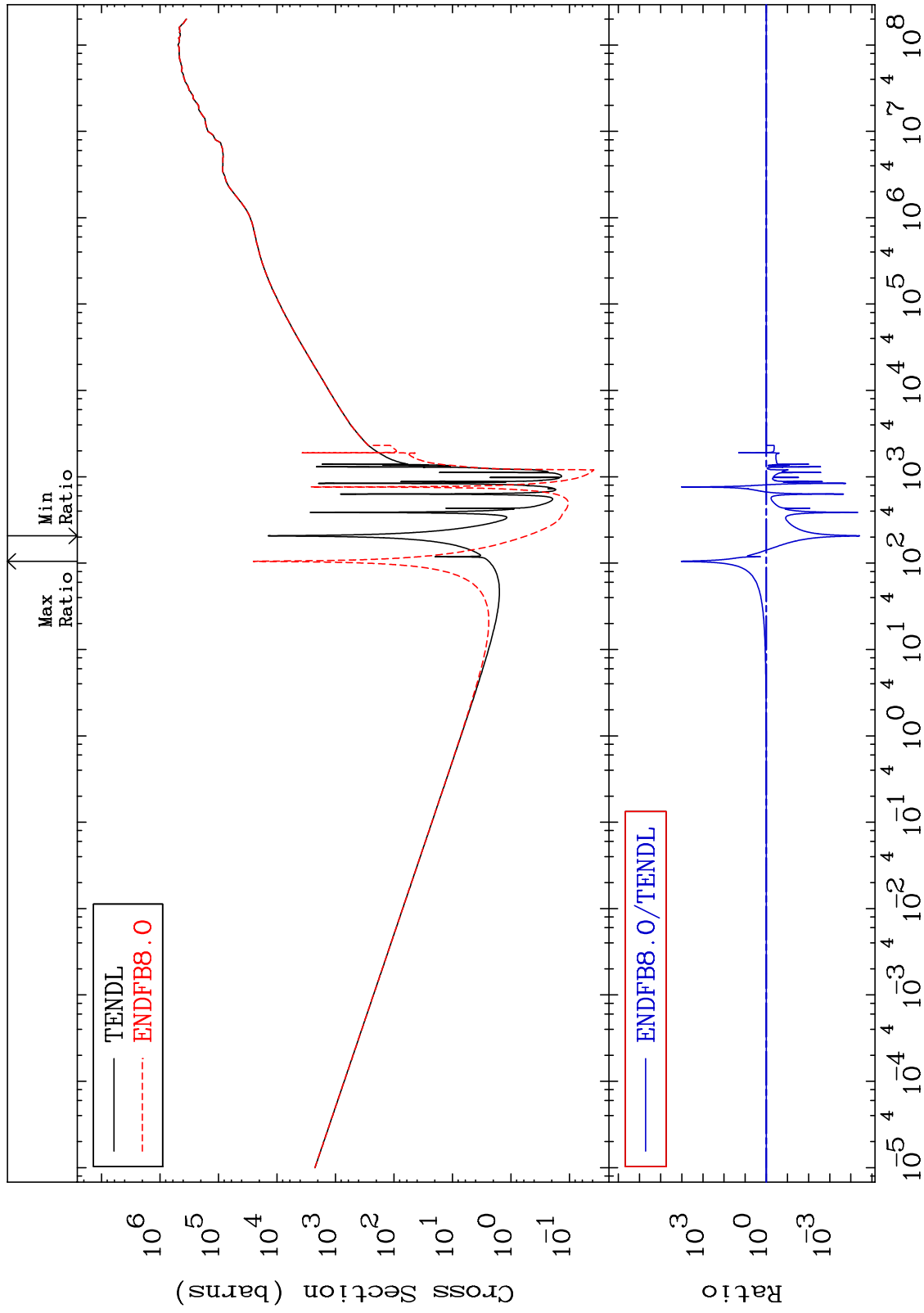
Incident Energy (eV)

82-Pb-205

MAT 8228

Dpa total (eV-barns)  
Cross Section

82-Pb-205  
-100.0 To 9999. %

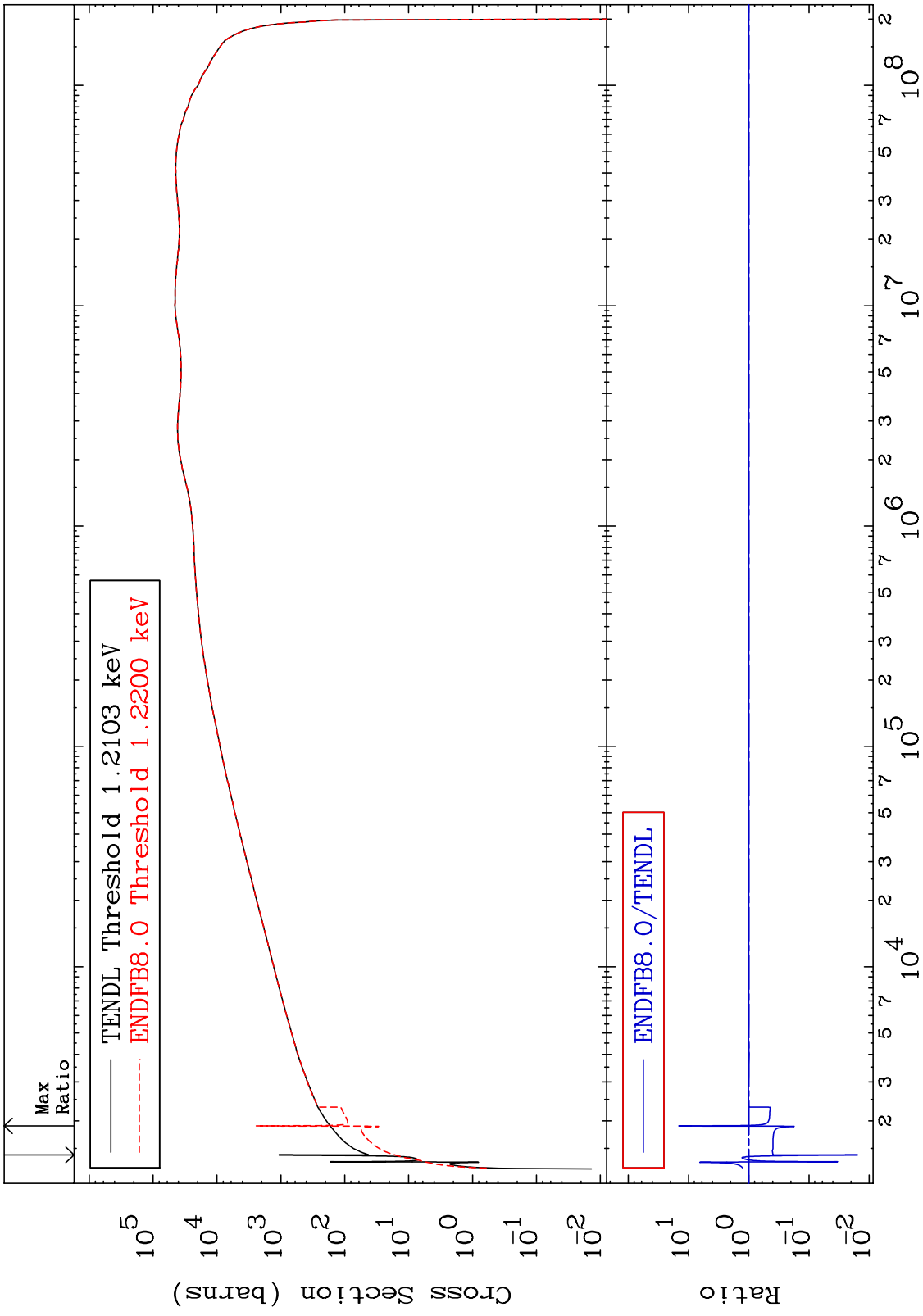


73

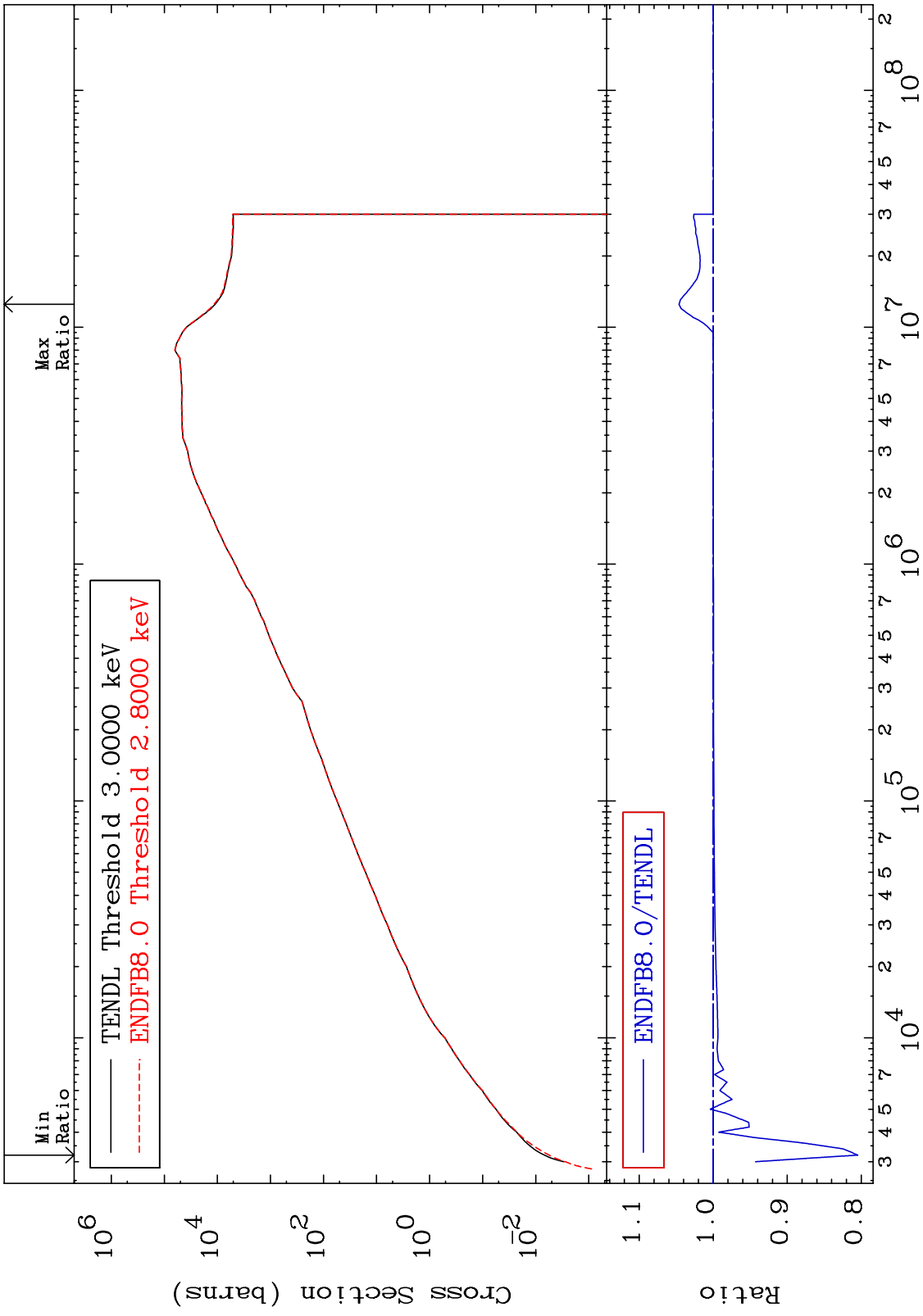
Incident Energy (eV)

82-Pb-205

MAT 8228      Dpa elastic (mt2)      82-Pb-205  
 Cross Section      -98.46 To 1337. %



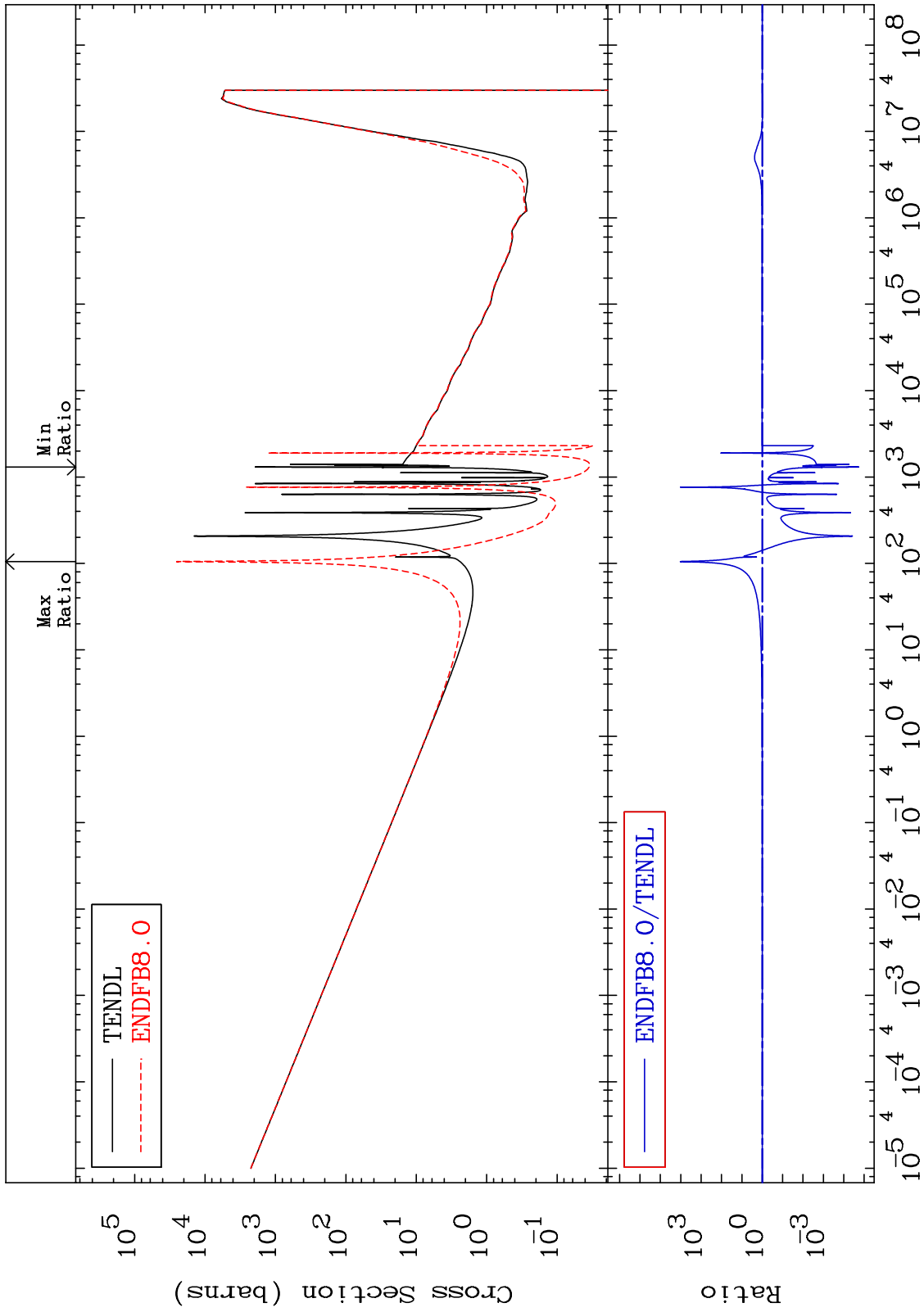
MAT 8228      Dpa inelastic (mt51-91)      82-Pb-205  
 Cross Section      -19.54 To 4.618 %



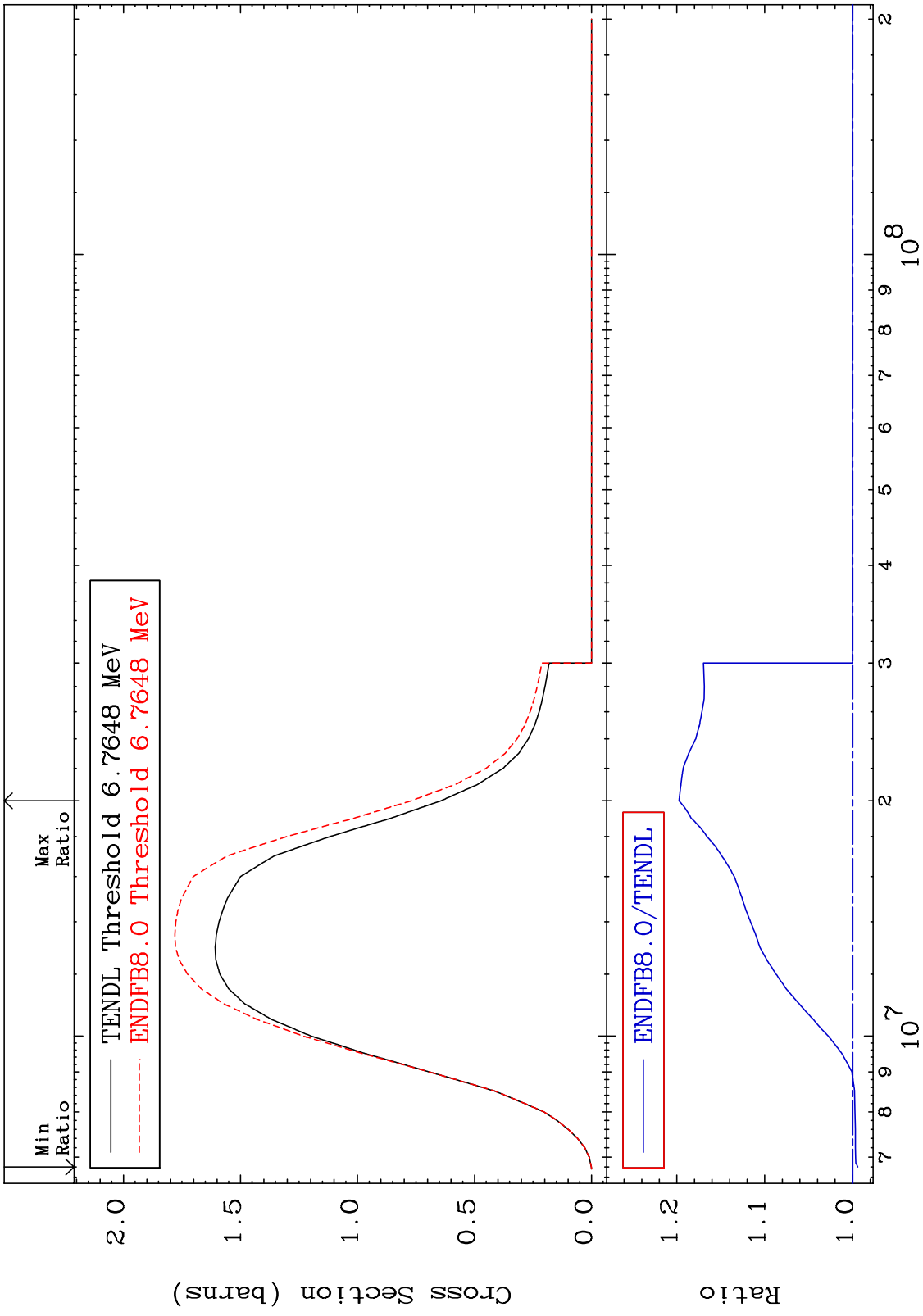
MAT 8228

Dpa disappearance (mt102 -120)  
Cross Section

82-Pb-205  
-100.0 To 9999. %



MAT 8228 (n,2n):82-Pb-204g 82-Pb-205  
 Radionuclide Production Cross Section -0.596 To 19.75 %

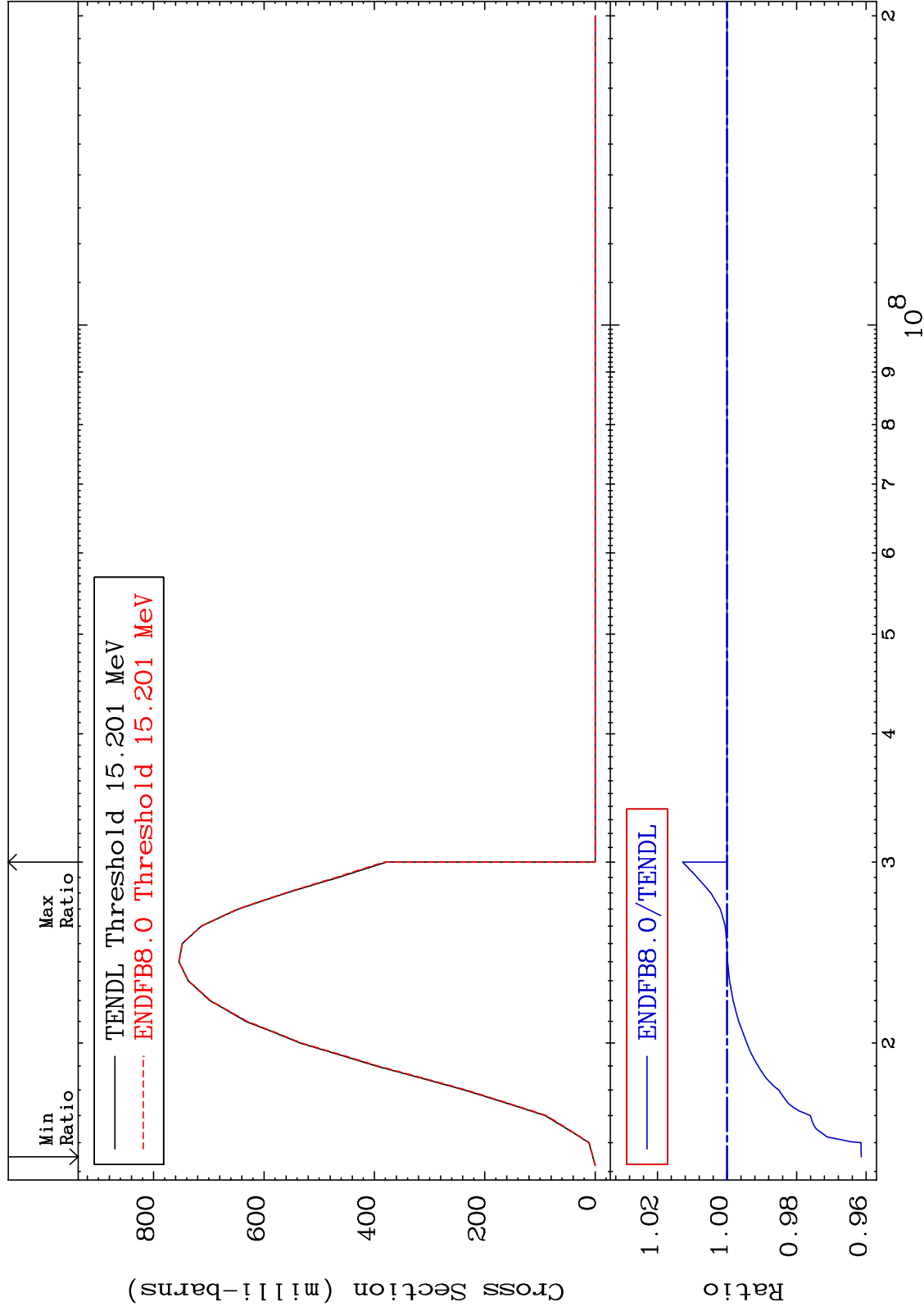


MAT 8228

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

82-Pb-205

Radionuclide Production Cross Section -3.861 To 1.275 %



78

Incident Energy (eV)

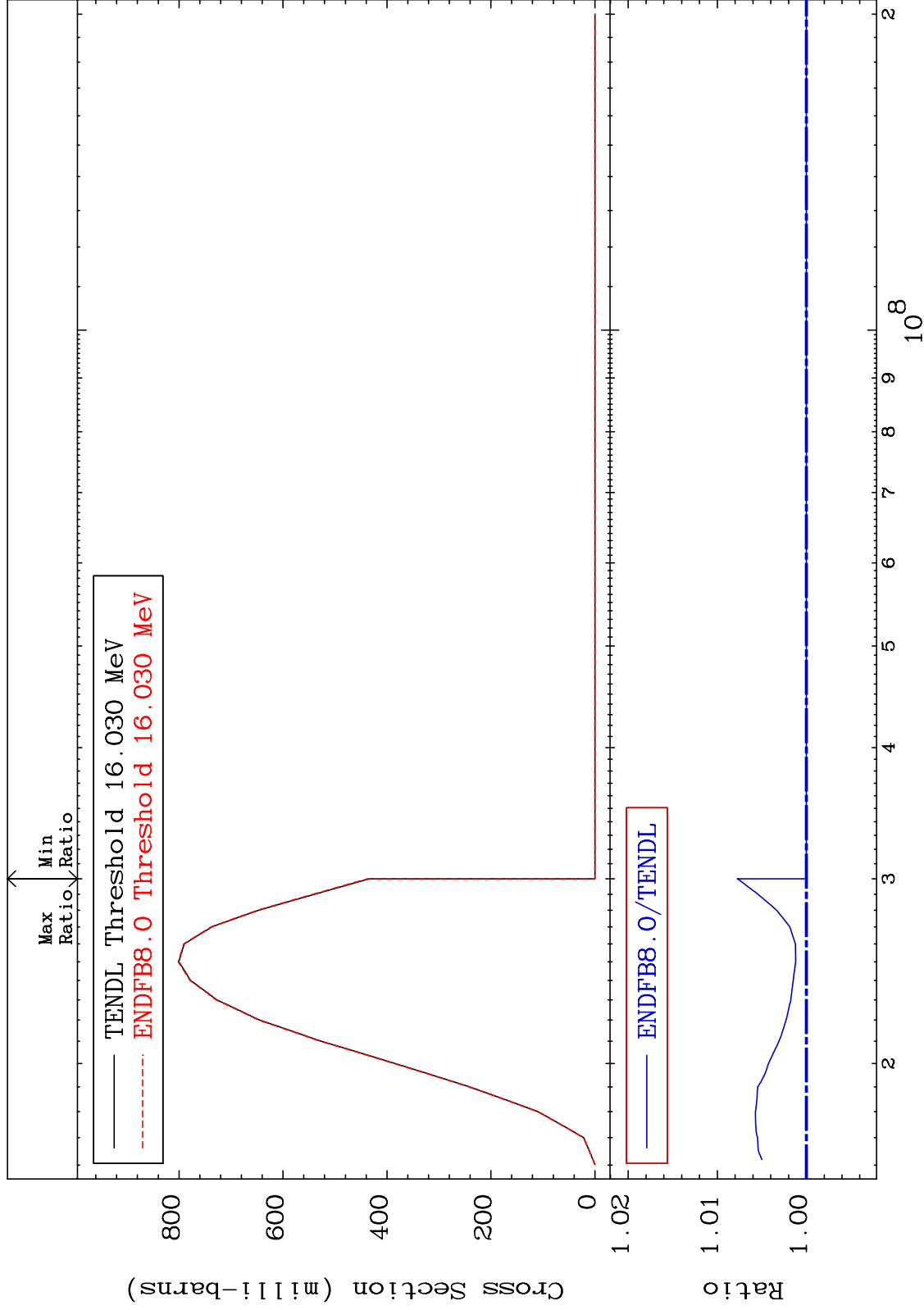
82-Pb-205

MAT 8228

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

82-Pb-205

Radionuclide Production Cross Section 0.000 To 0.775 %



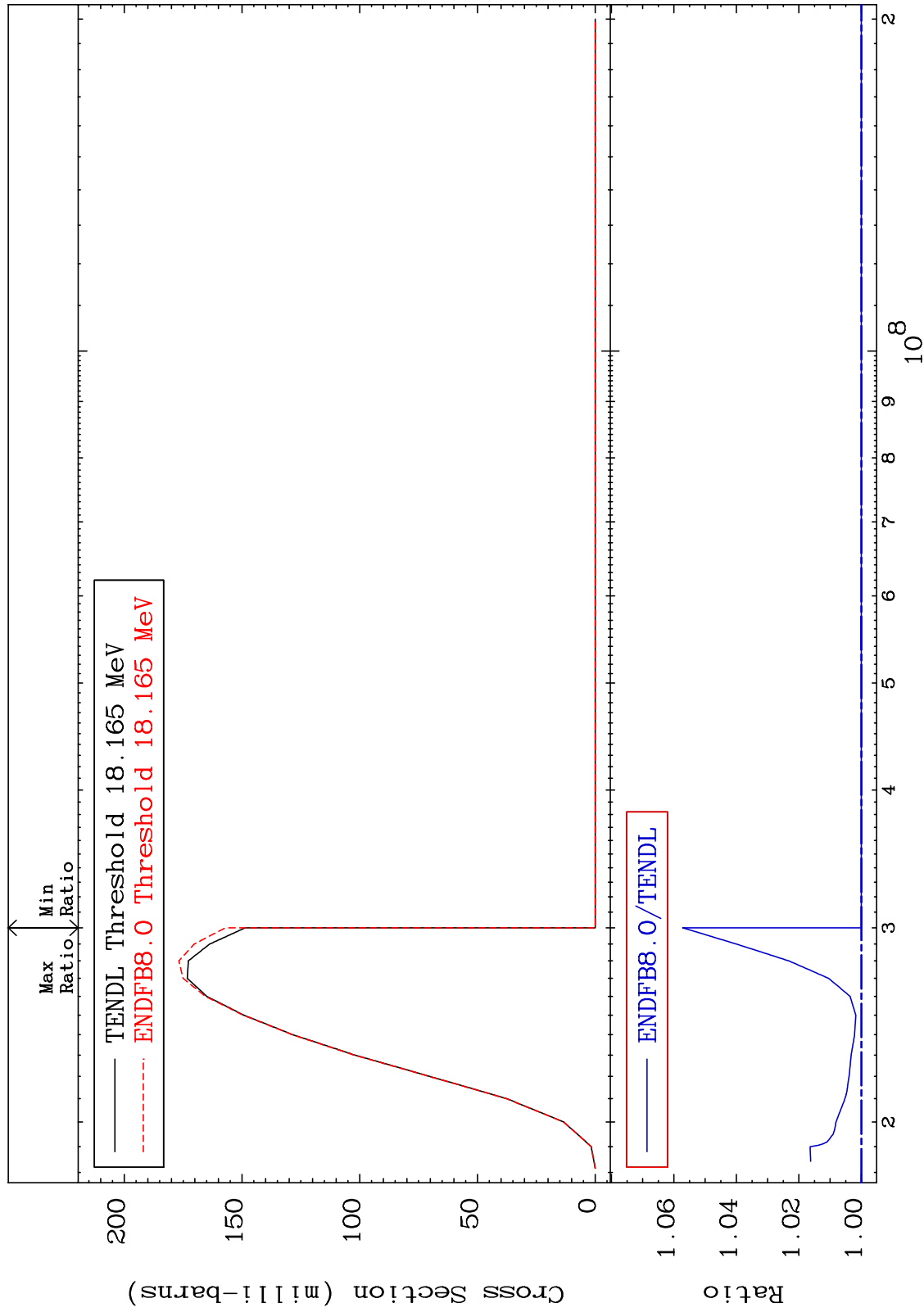


MAT 8228

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

82-Pb-205

Radionuclide Production Cross Section 0.000 To 5.719 %

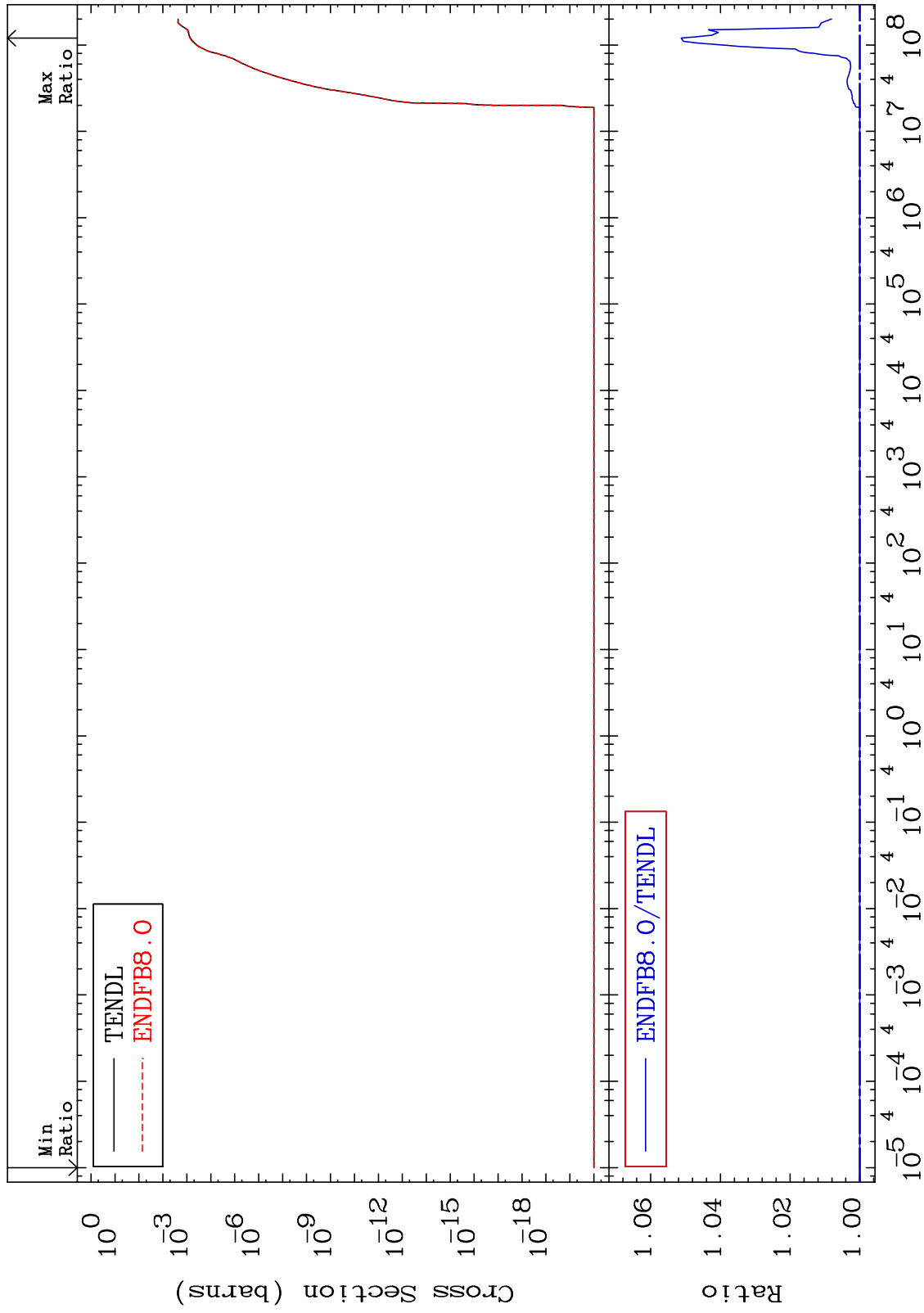


MAT 8228

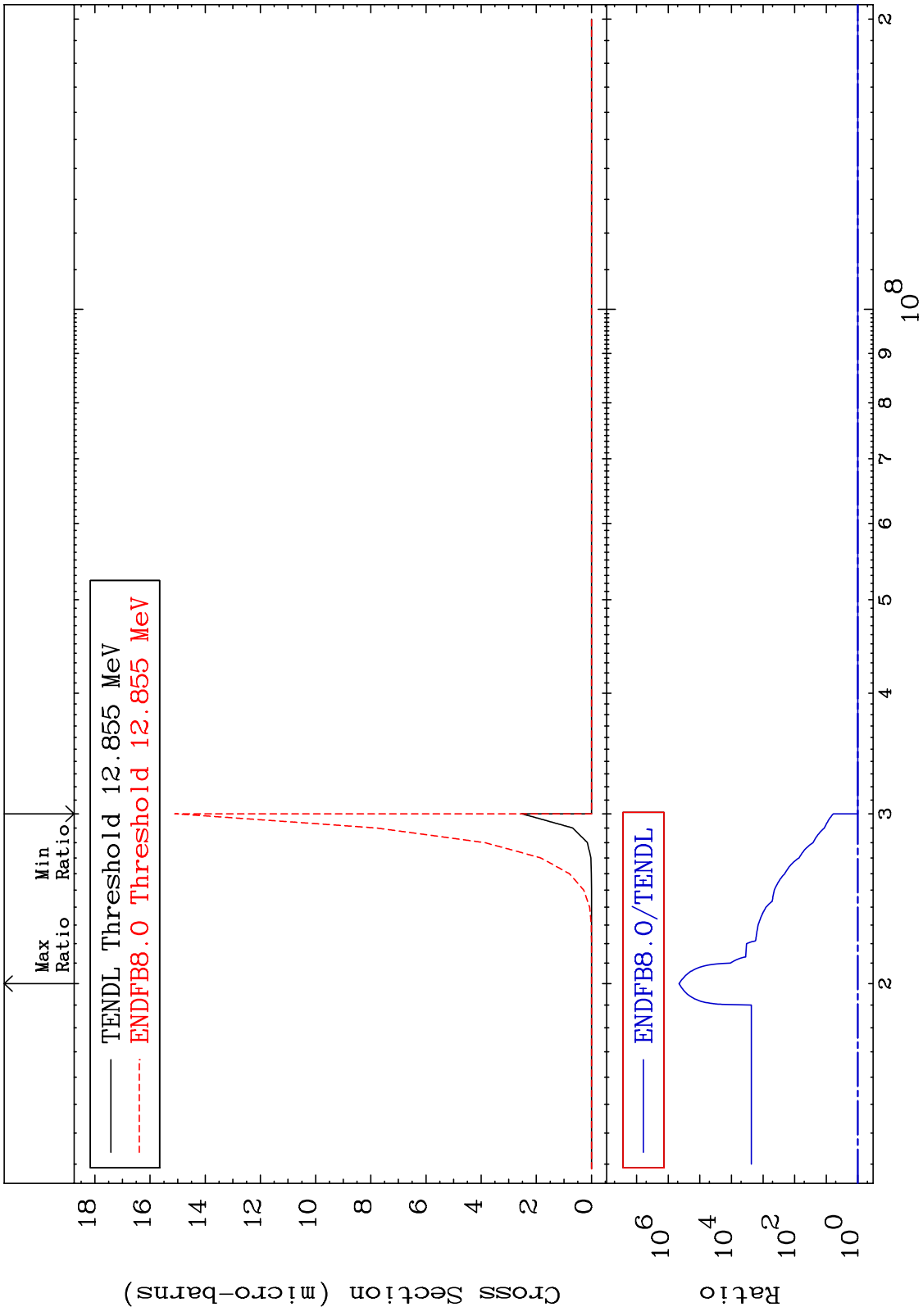
Fission: 0-?-?-Nat

82-Pb-205

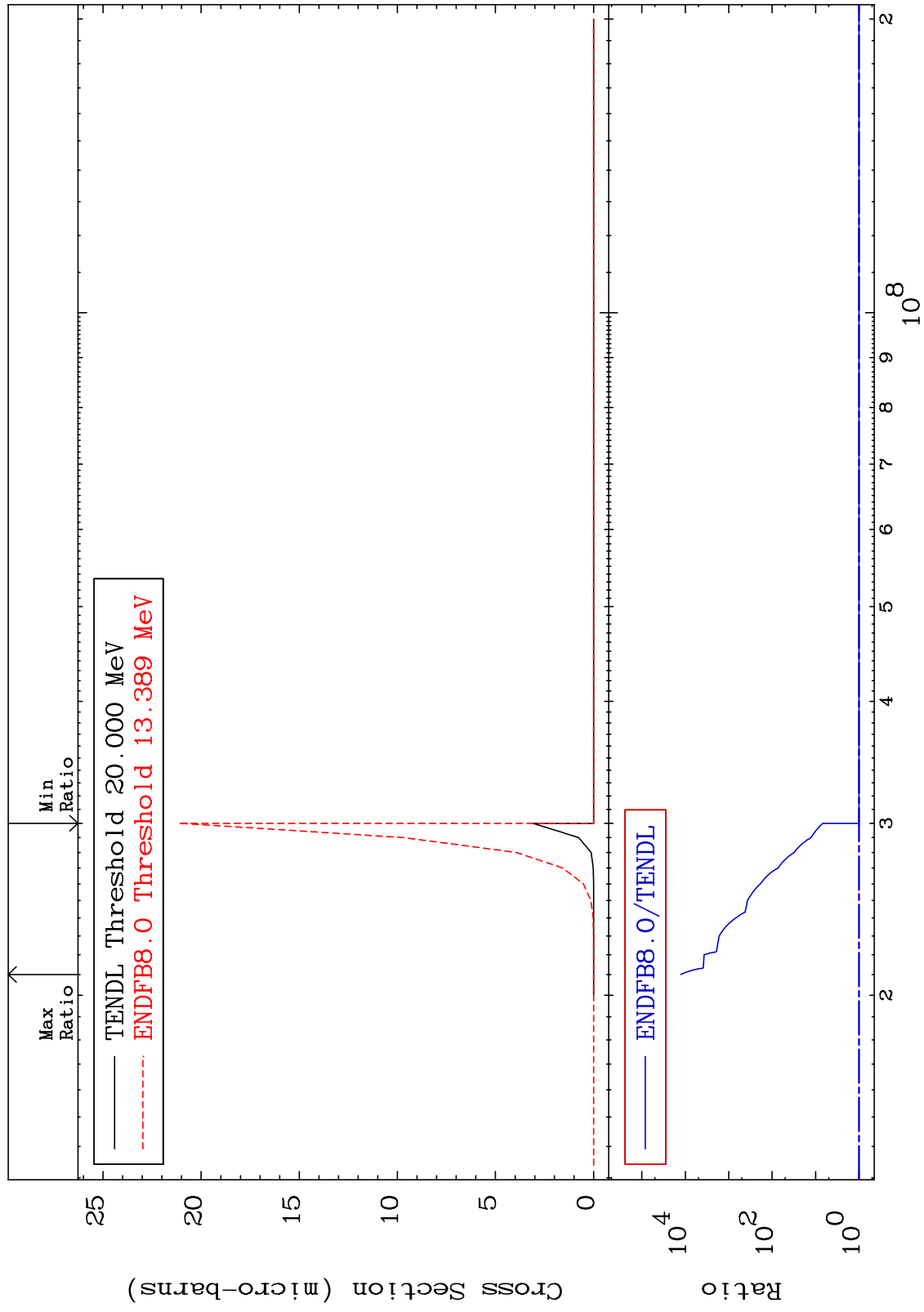
Radionuclide Production Cross Section 0.000 To 5.123 %



MAT 8228 (n,3n)  $\alpha$ :80-Hg-199g 82-Pb-205  
 Radionuclide Production Cross Section 0.000 To 9999. %



MAT 8228 (n,3n)  $\alpha$ : 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 -0.247 To 6.831 %

