

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

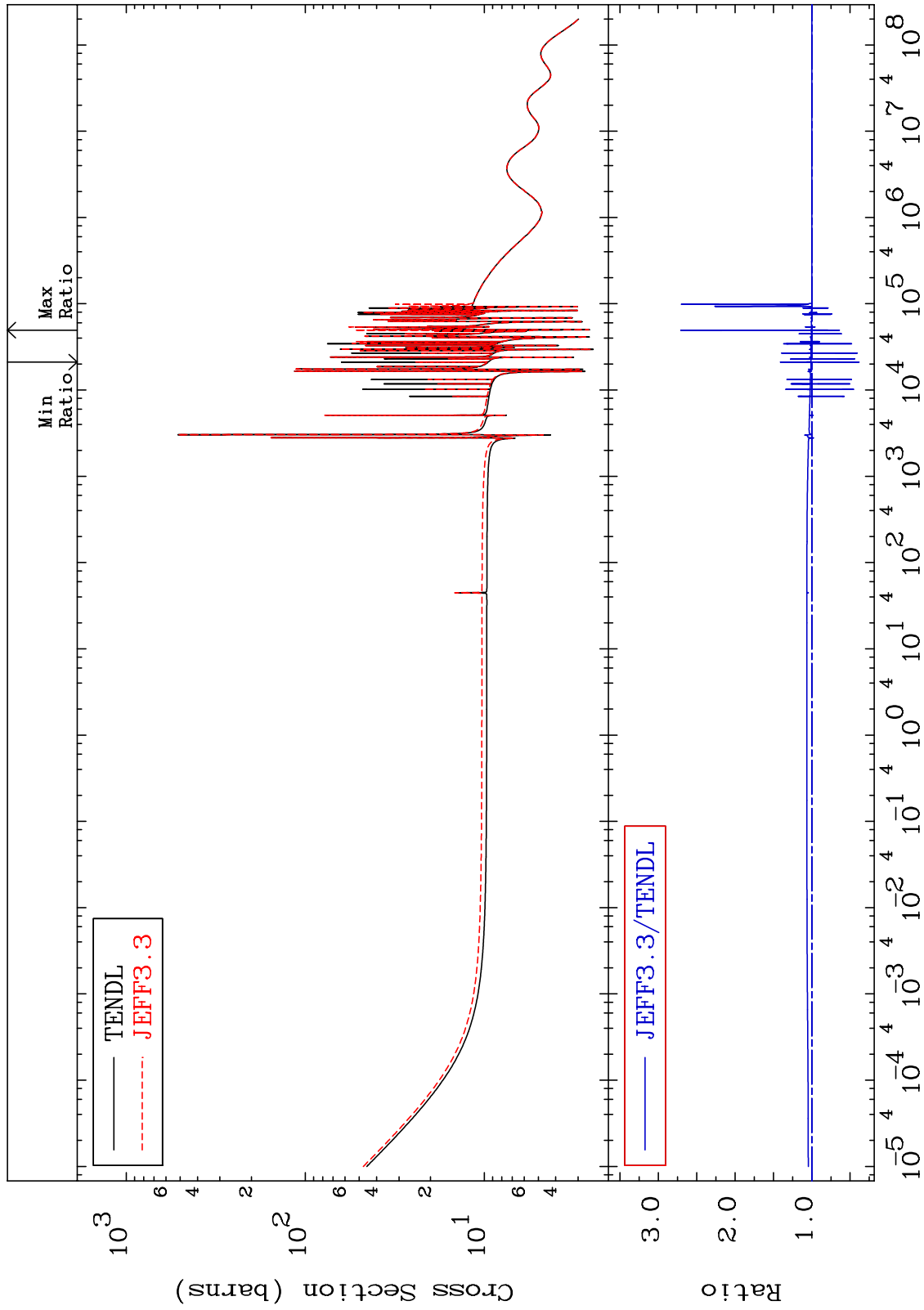
MAT 8131

Total

81-TI-205

Cross Section

-61.59 To 171.0 %



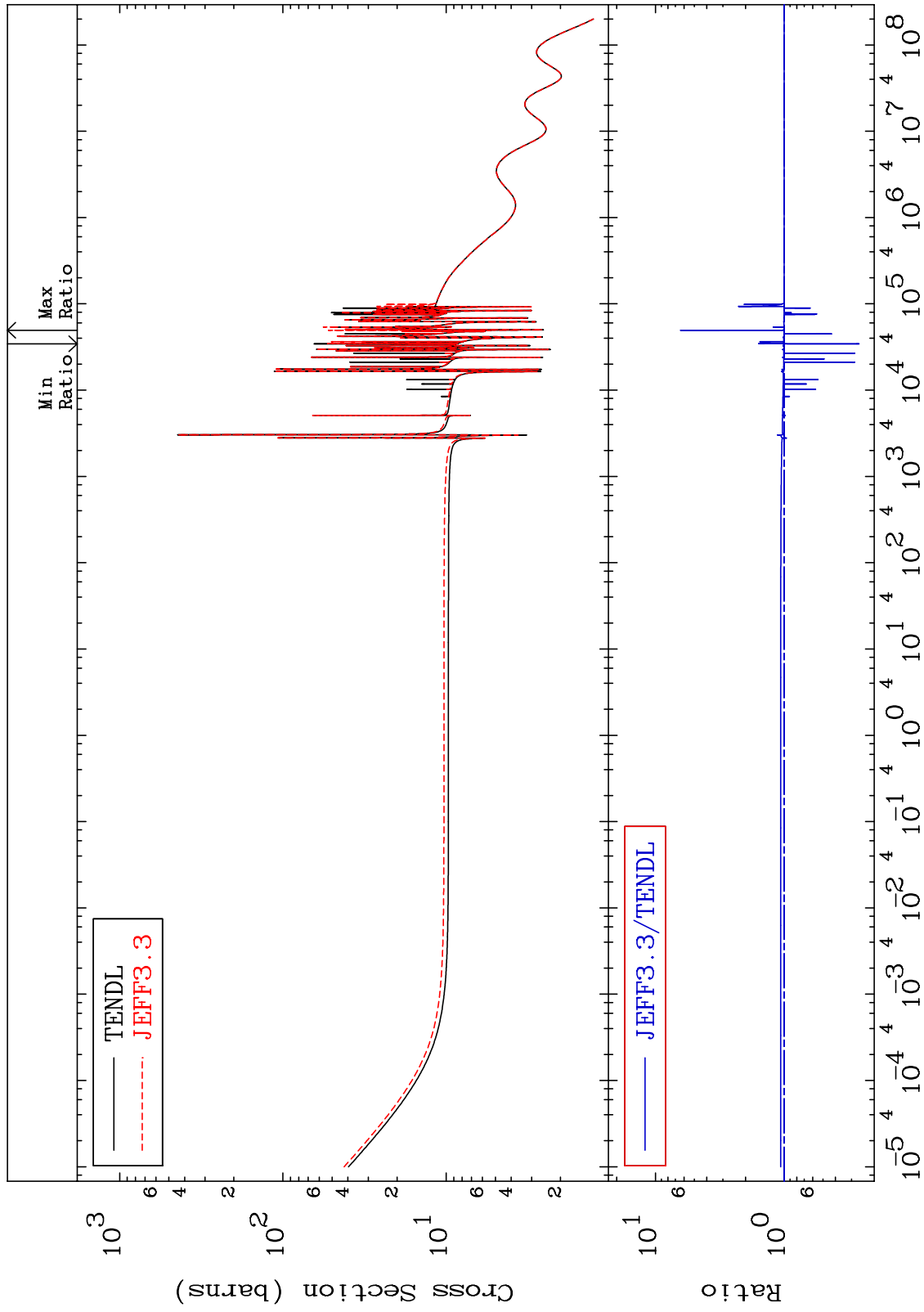
Incident Energy (eV)

81-TI-205

MAT 8131

Elastic
Cross Section

81-TI-205
-73.72 To 537.3 %



2

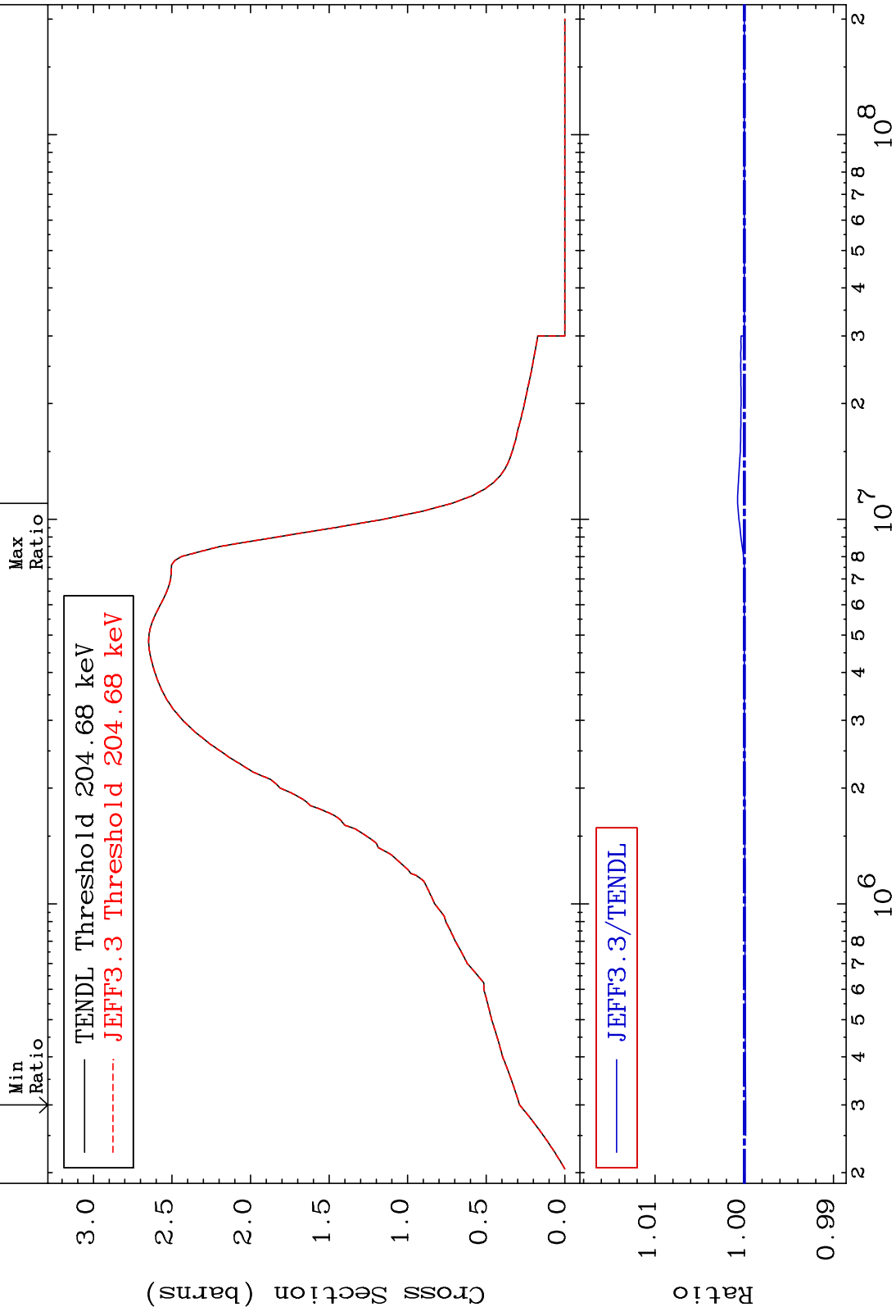
Incident Energy (eV)

81-TI-205

MAT 8131

Inelastic
Cross Section

81-Tl-205
-0.015 To 0.075 %



3

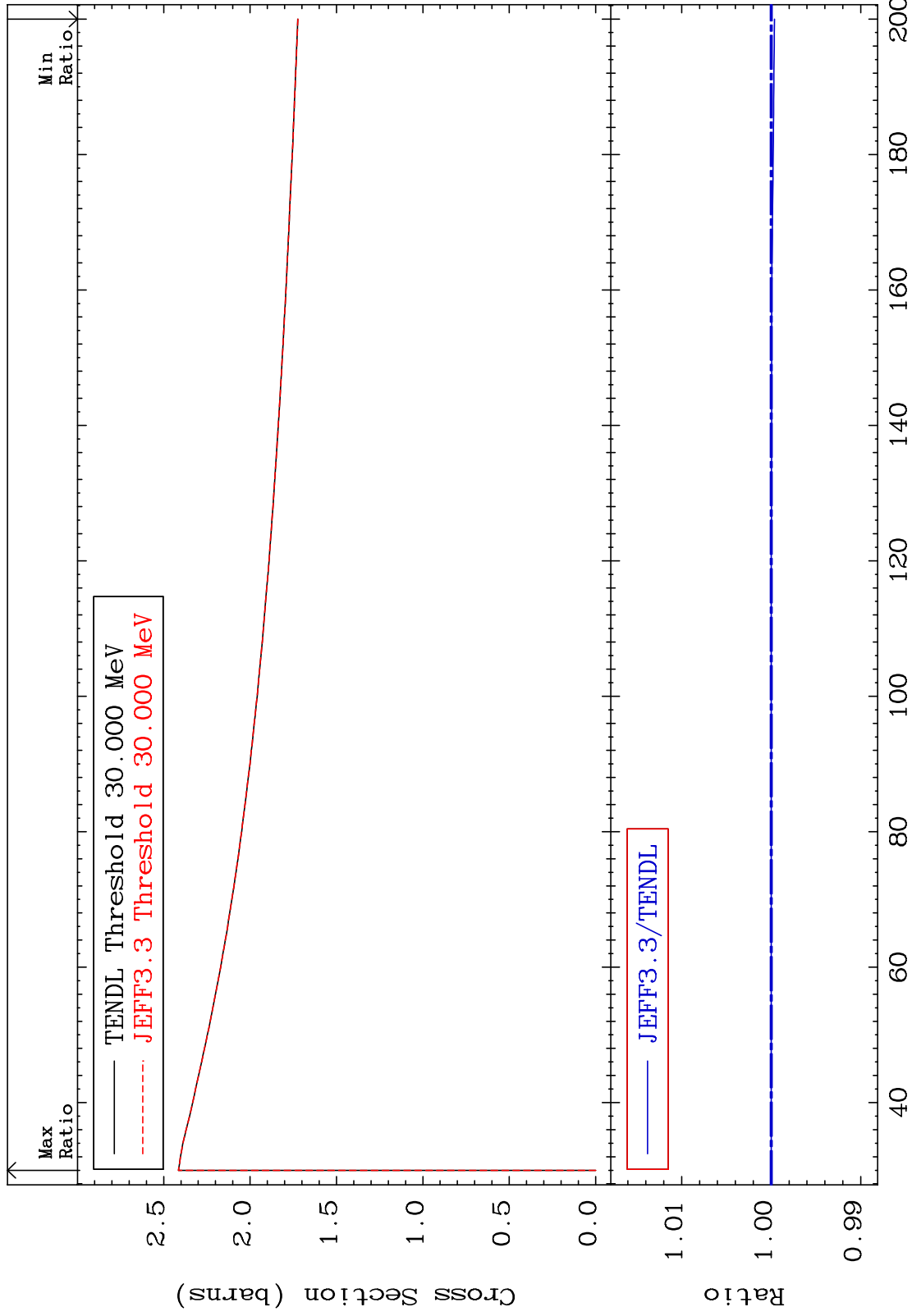
Incident Energy (eV)

81-Tl-205

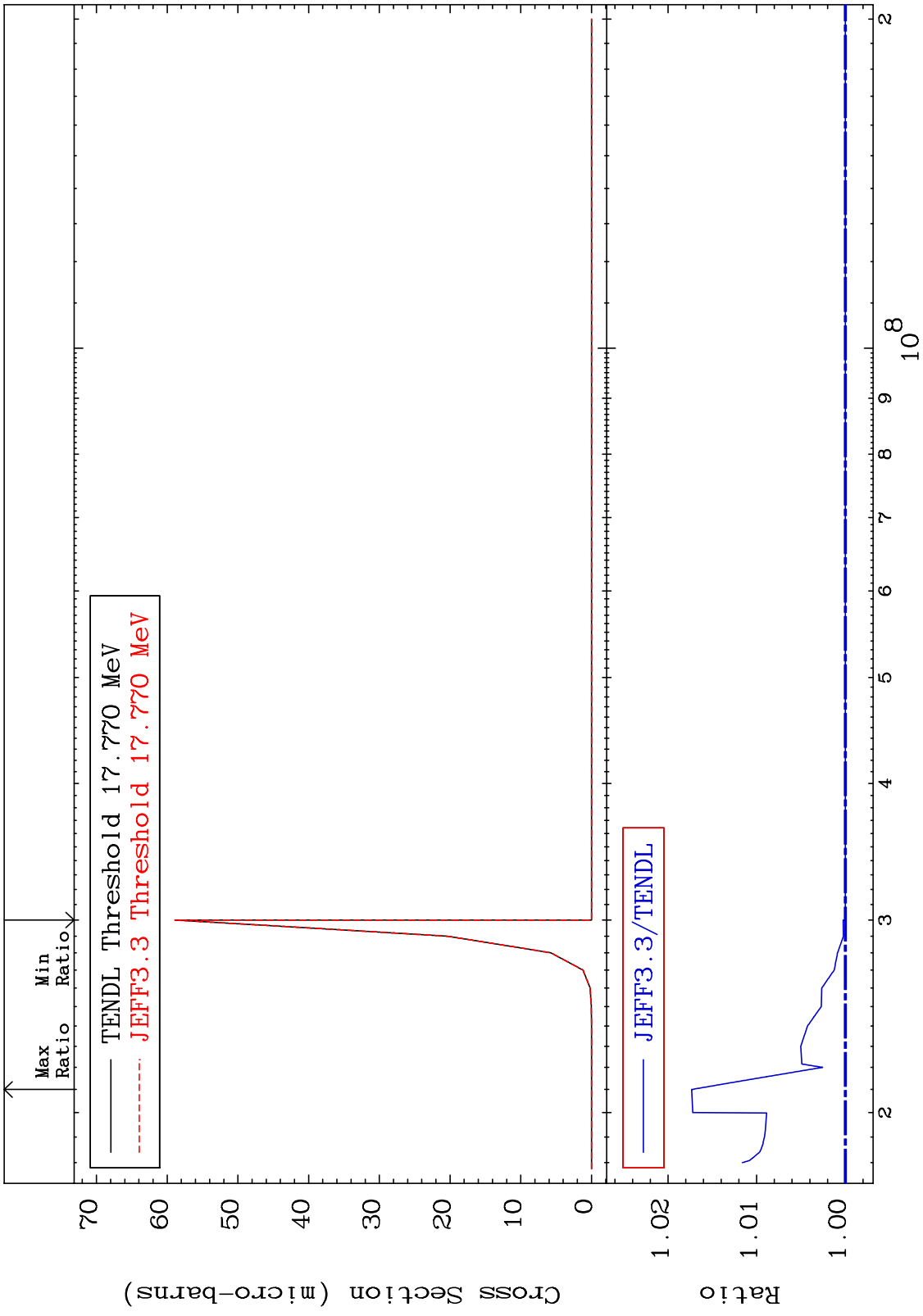
MAT 8131

(n, remainder)
Cross Section

81-Tl-205
-0.036 To 0.000 %



MAT 8131 (n,2n) d 81-Tl-205
 Cross Section 0.000 To 1.734 %



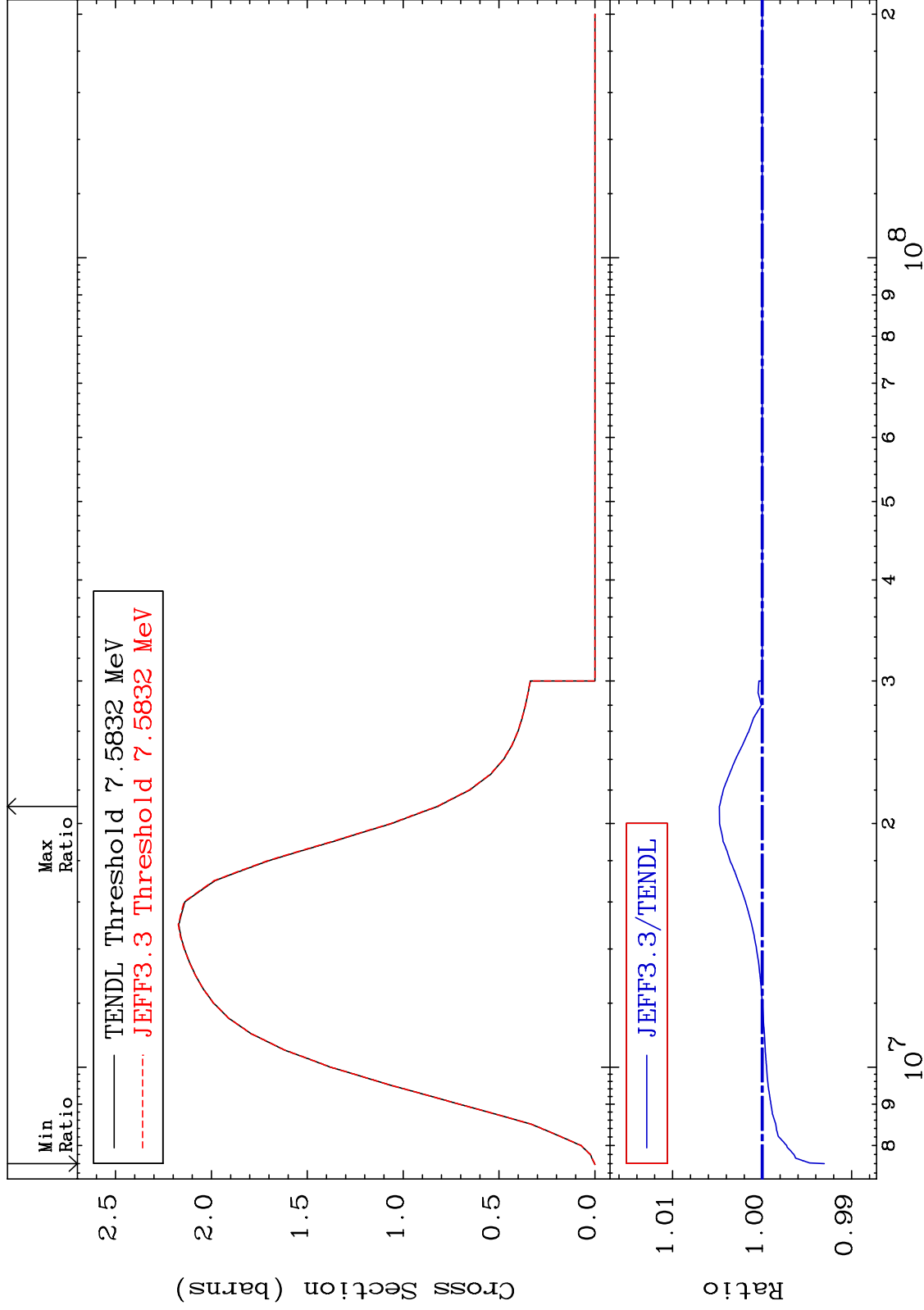
MAT 8131

(n,2n)

81-Tl-205

-0.694 To 0.477 %

Cross Section

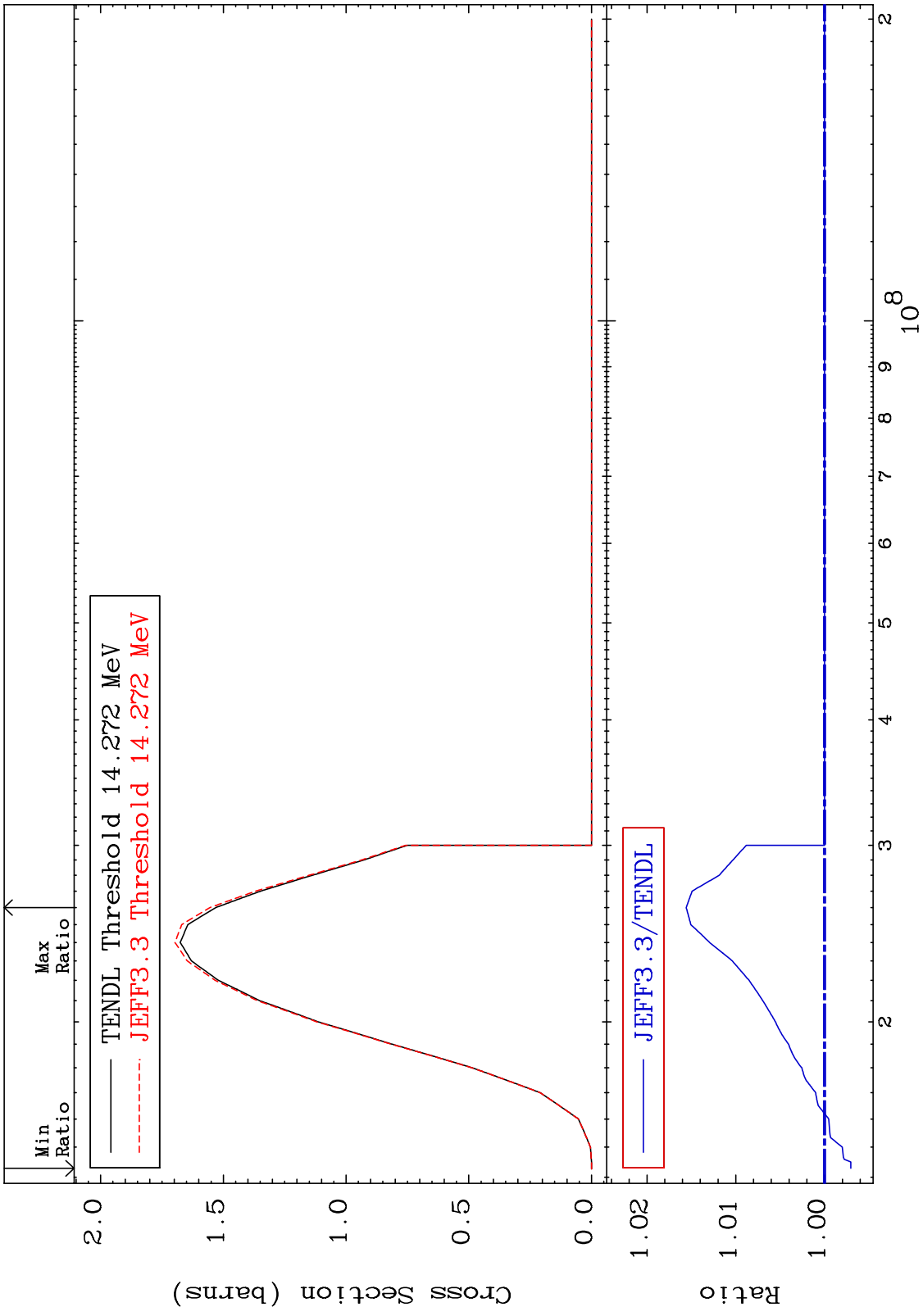


6

Incident Energy (eV)

81-Tl-205

MAT 8131 (n,3n) Cross Section 81-Tl-205 -0.294 To 1.558 %



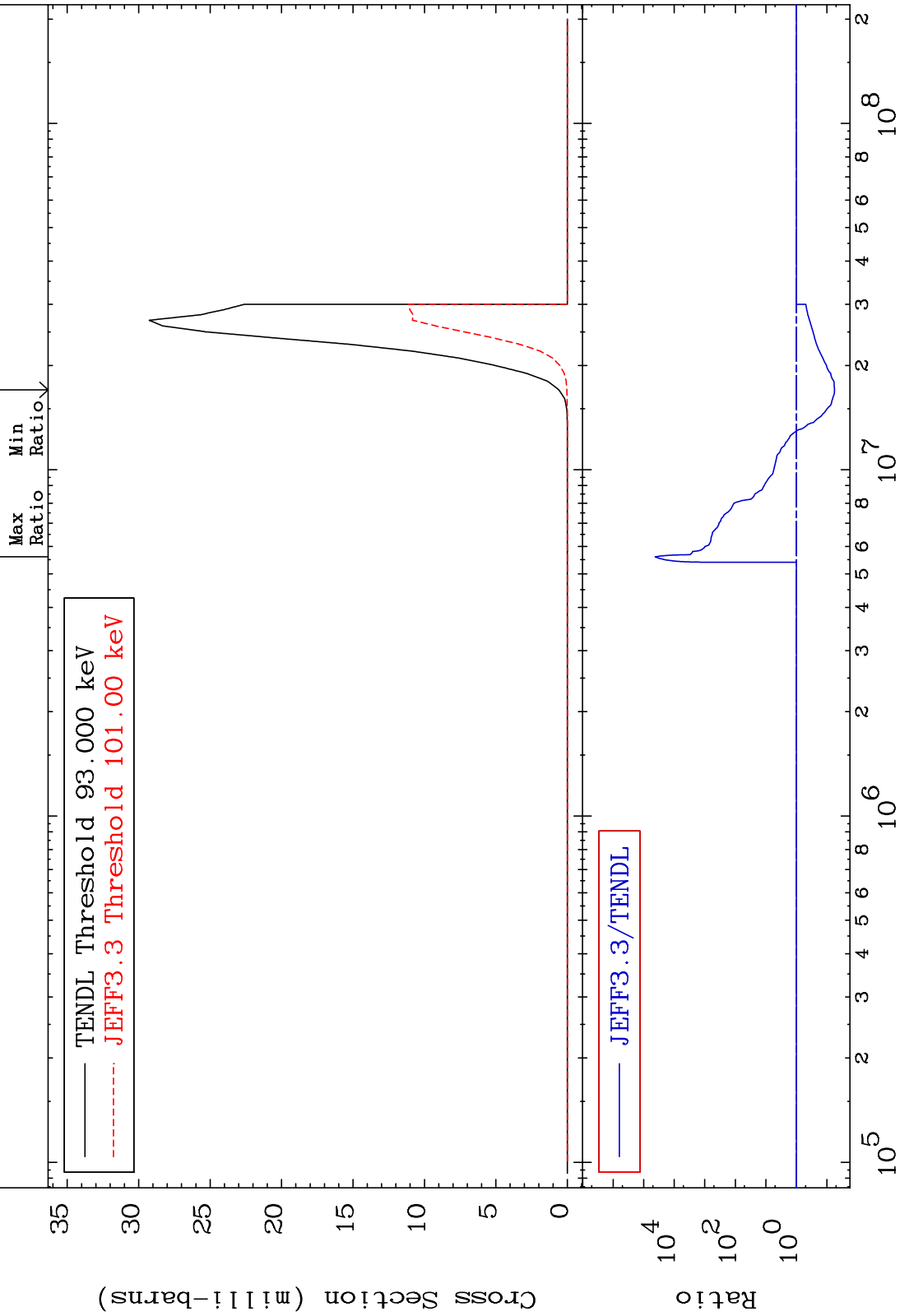
MAT 8131

(n, n') α

81-Tl-205

-94.40 To 9999. %

Cross Section



8

Incident Energy (eV)

81-Tl-205

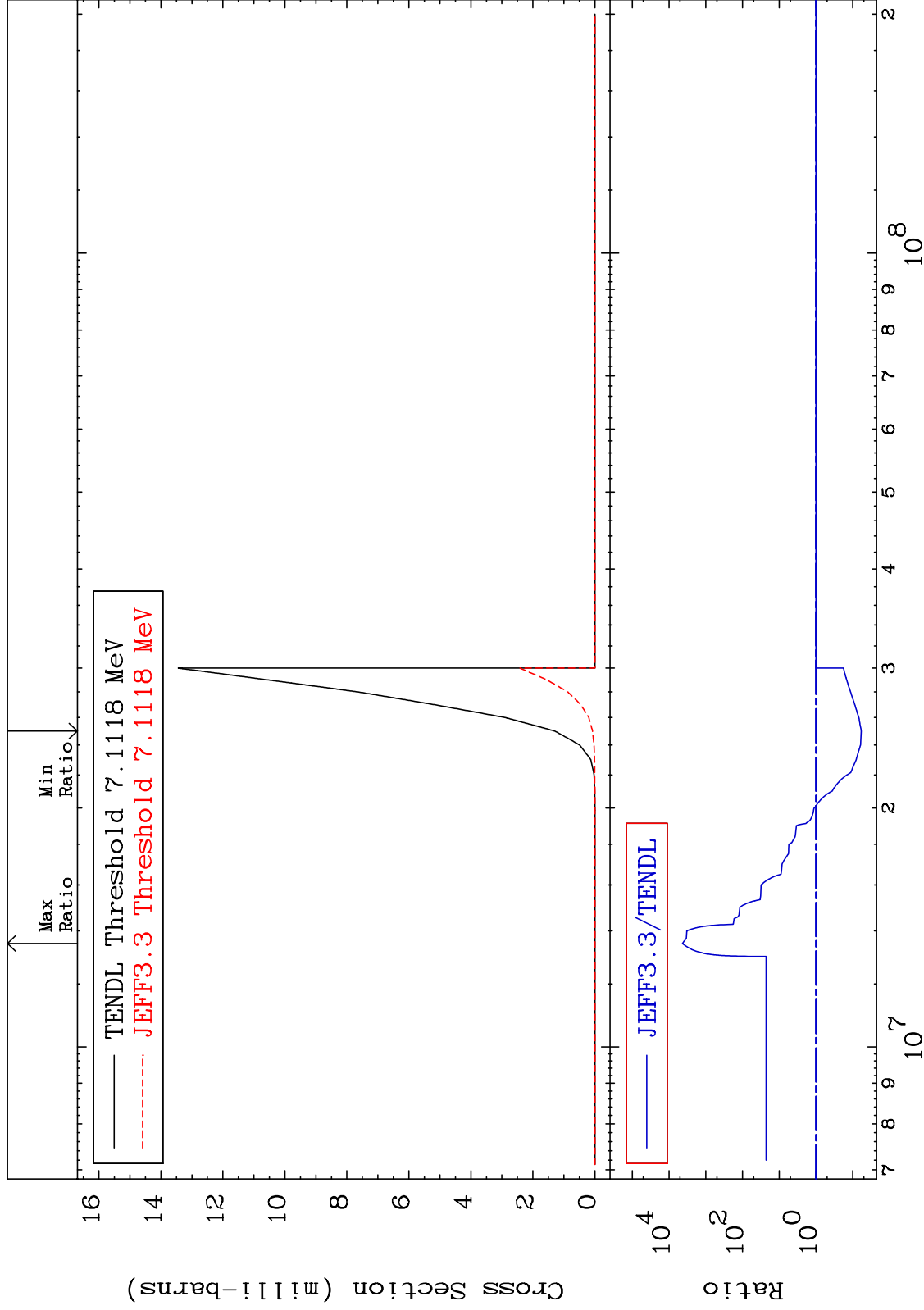
MAT 8131

(n,2n) α

81-Tl-205

-94.12 To 9999. %

Cross Section



9

Incident Energy (eV)

81-Tl-205

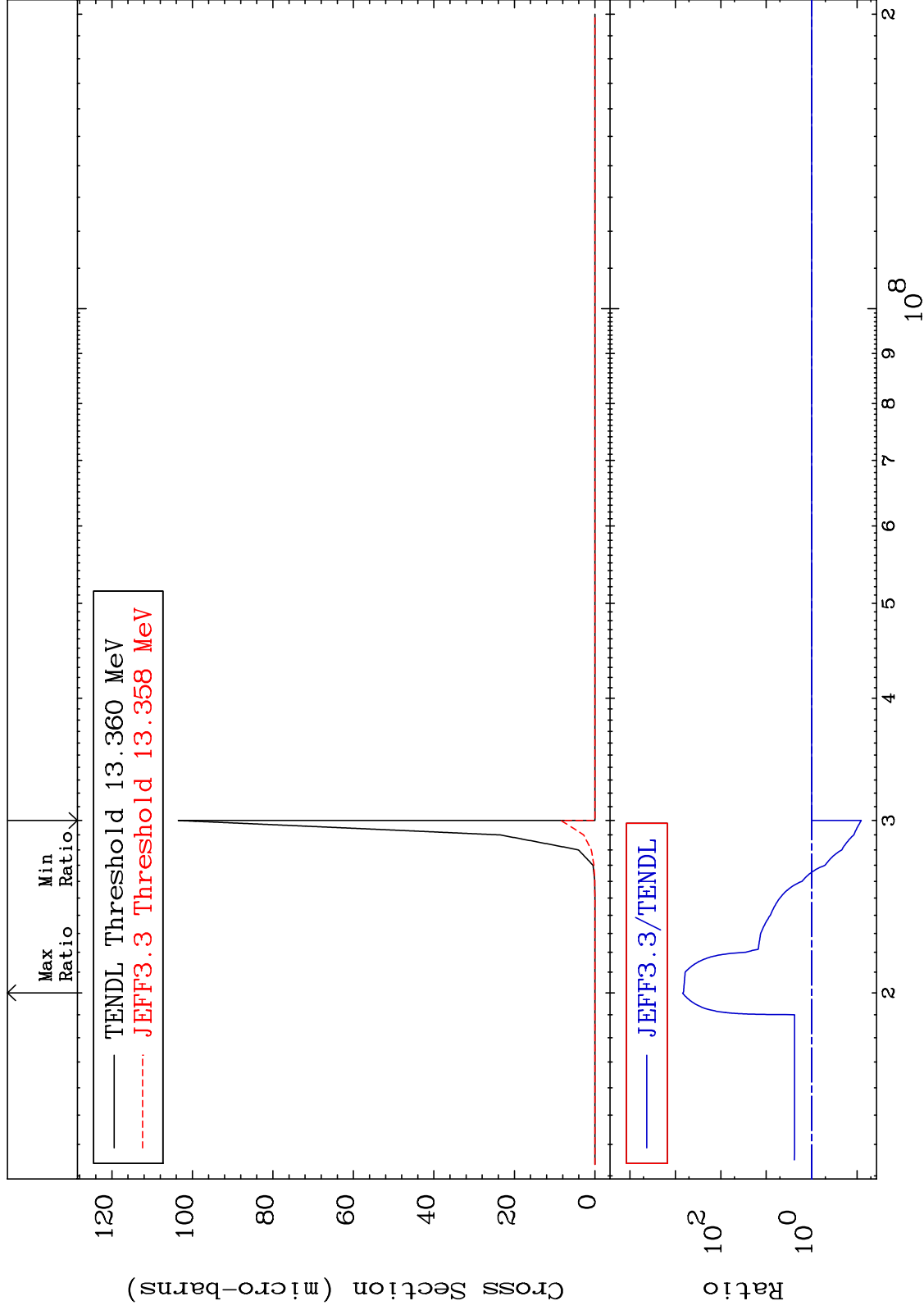
MAT 8131

(n,3n) α

81-Tl-205

-91.89 To 9999. %

Cross Section

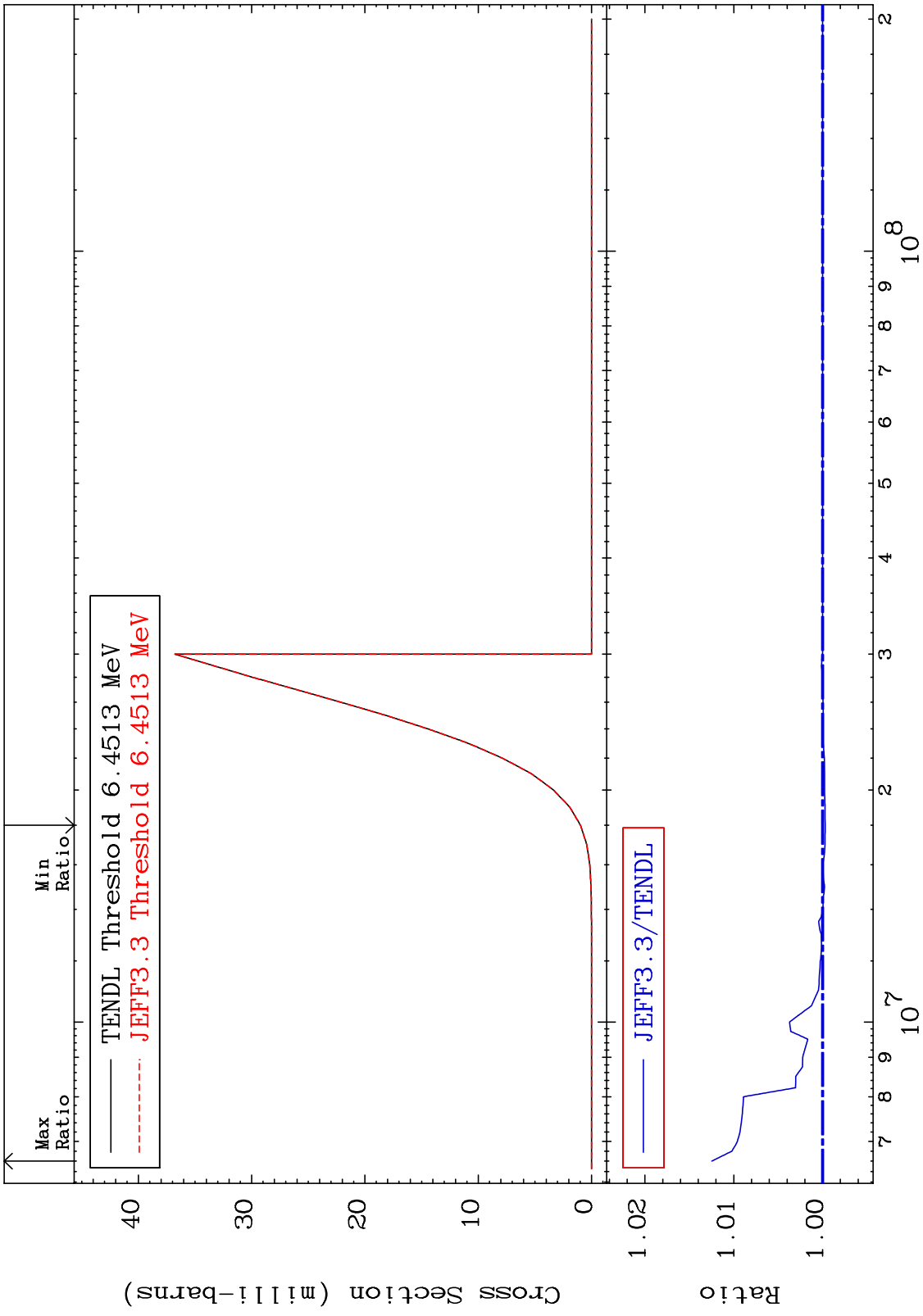


10

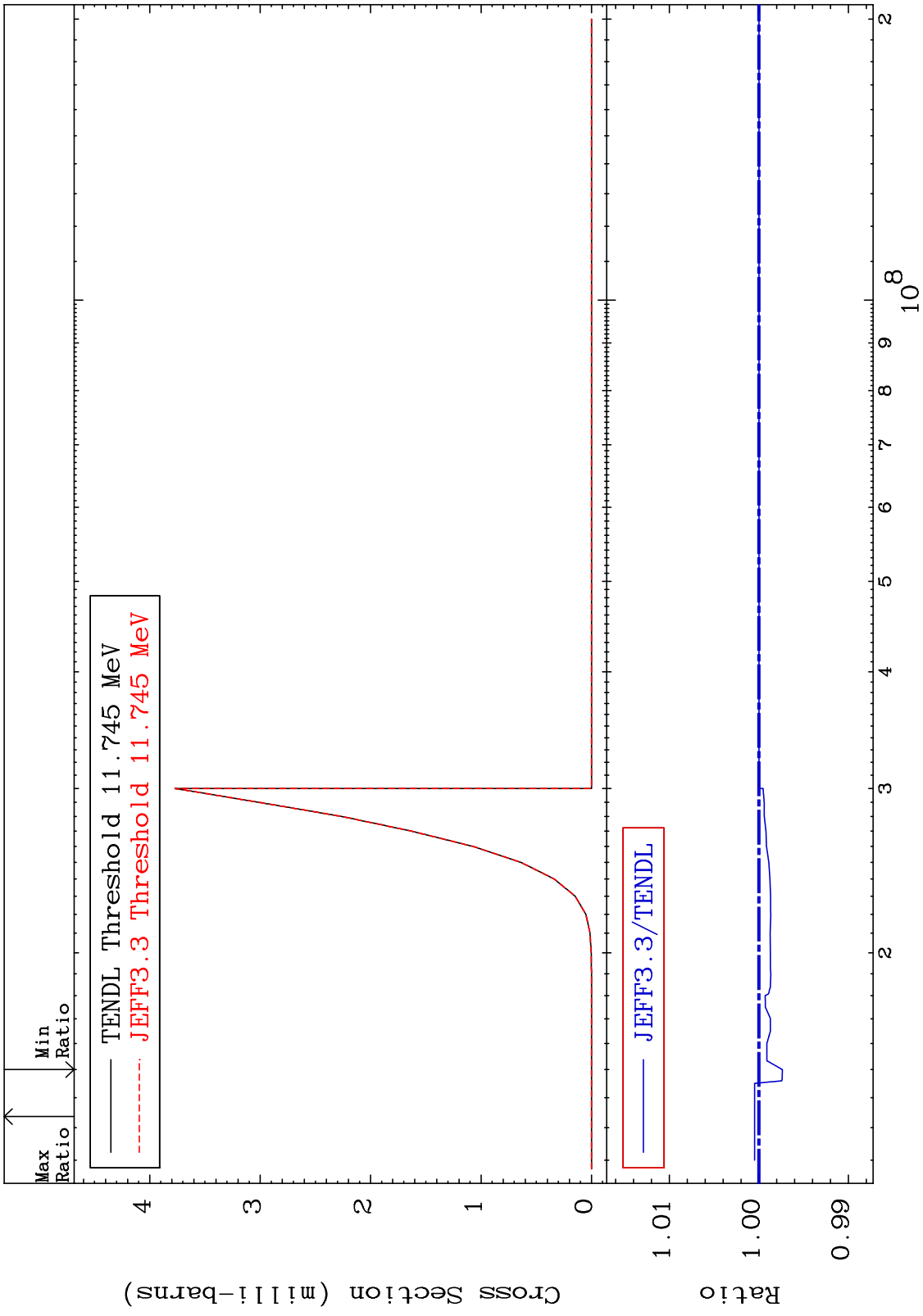
Incident Energy (eV)

81-Tl-205

MAT 8131 81-Tl-205
(n,n') p
Cross Section
-0.028 To 1.248 %



MAT 8131 (n,n') d 81-Tl-205
 Cross Section -0.262 To 0.049 %



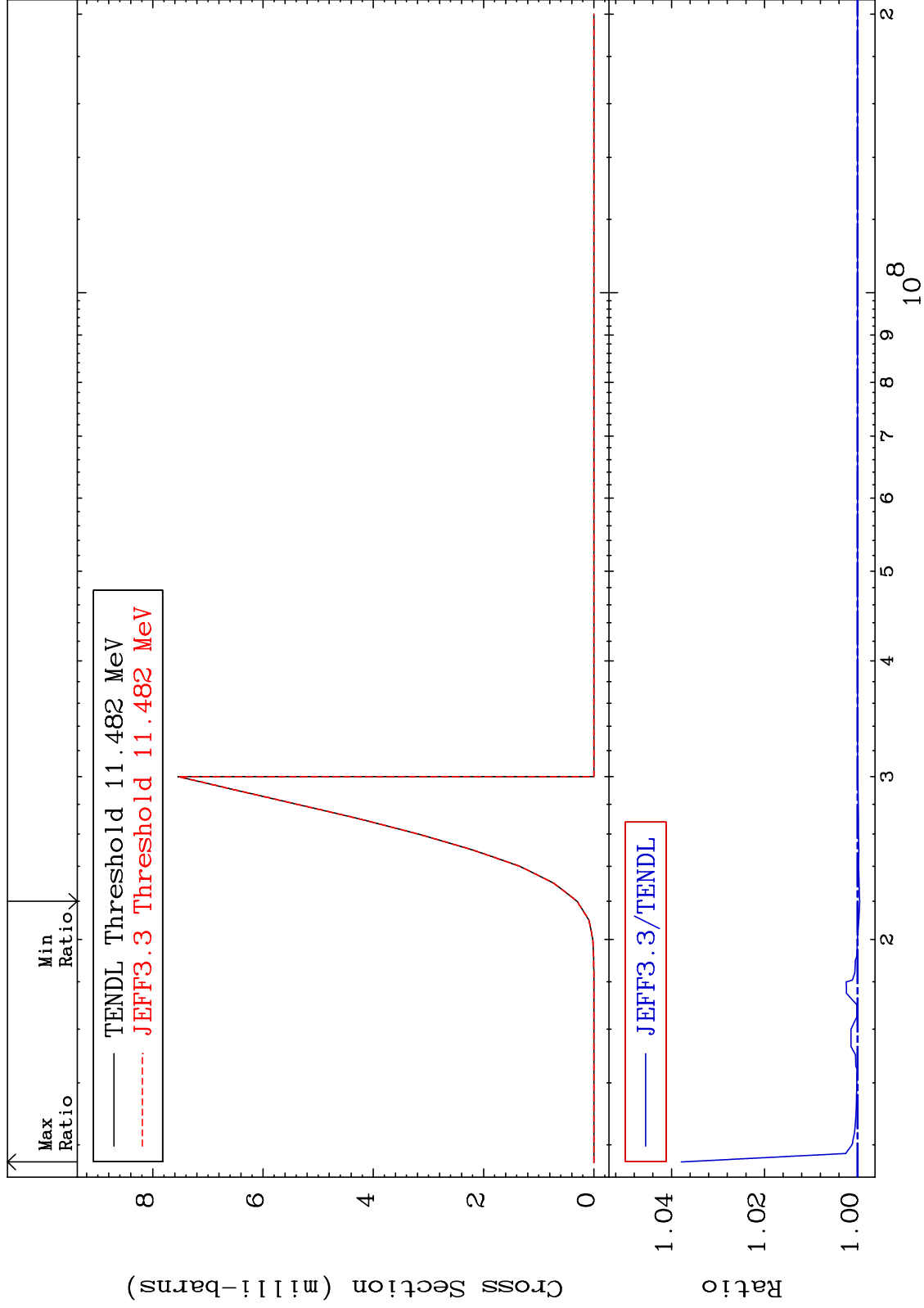
MAT 8131

(n, n') t

81-Tl-205

Cross Section

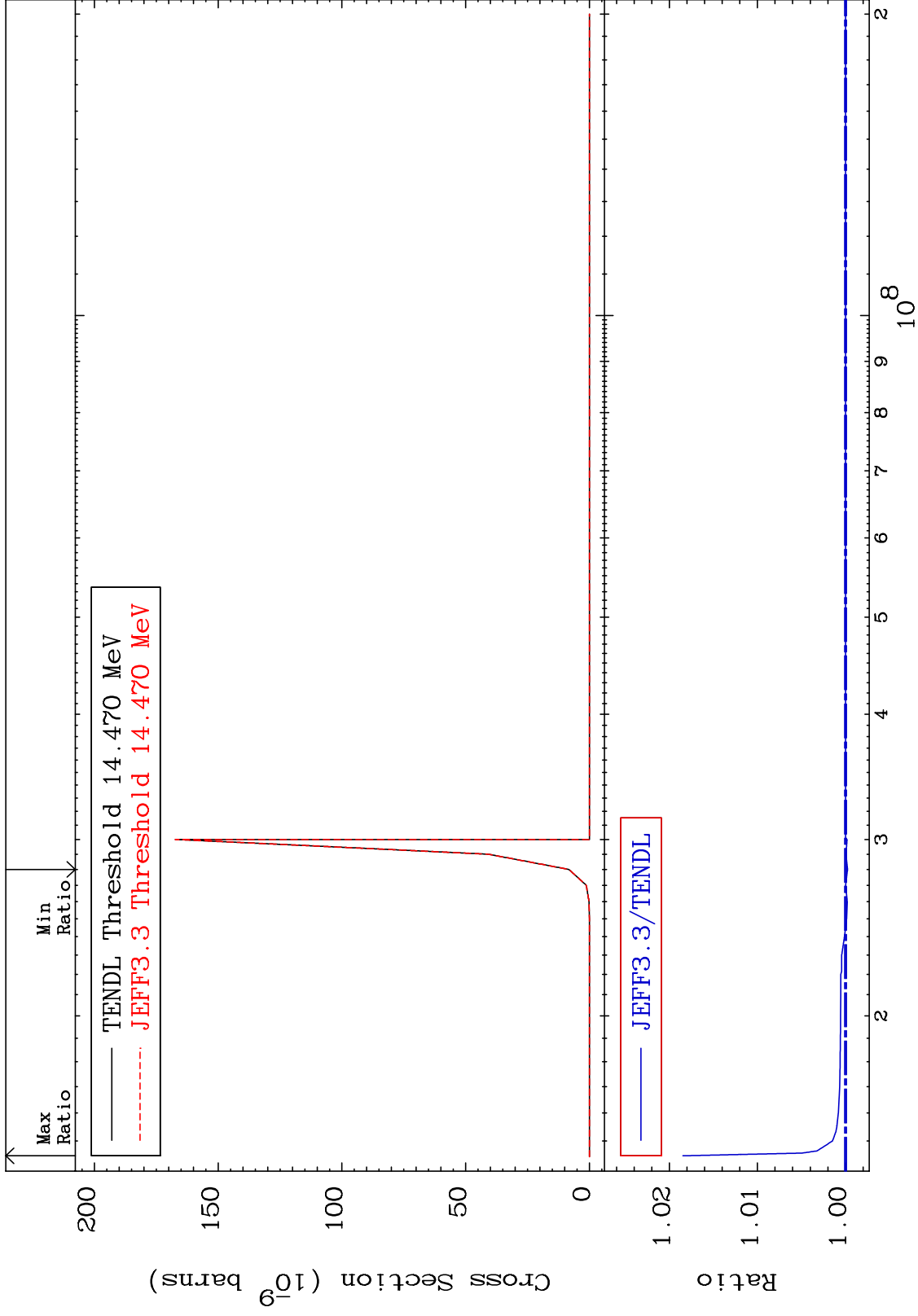
-0.048 To 3.791 %



MAT 8131

(n, n') He-3
Cross Section

81-Tl-205
-0.024 To 1.846 %

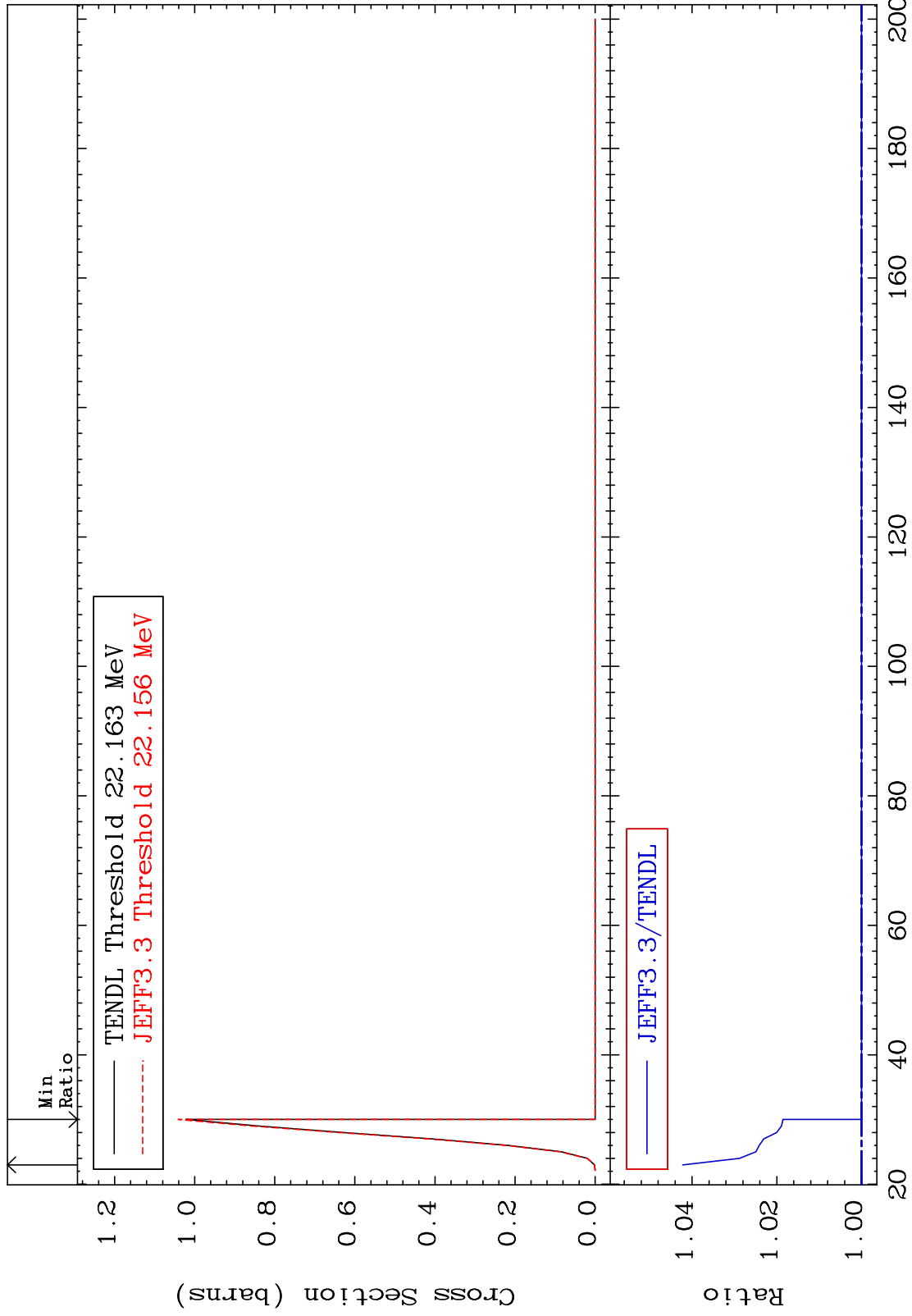


MAT 8131

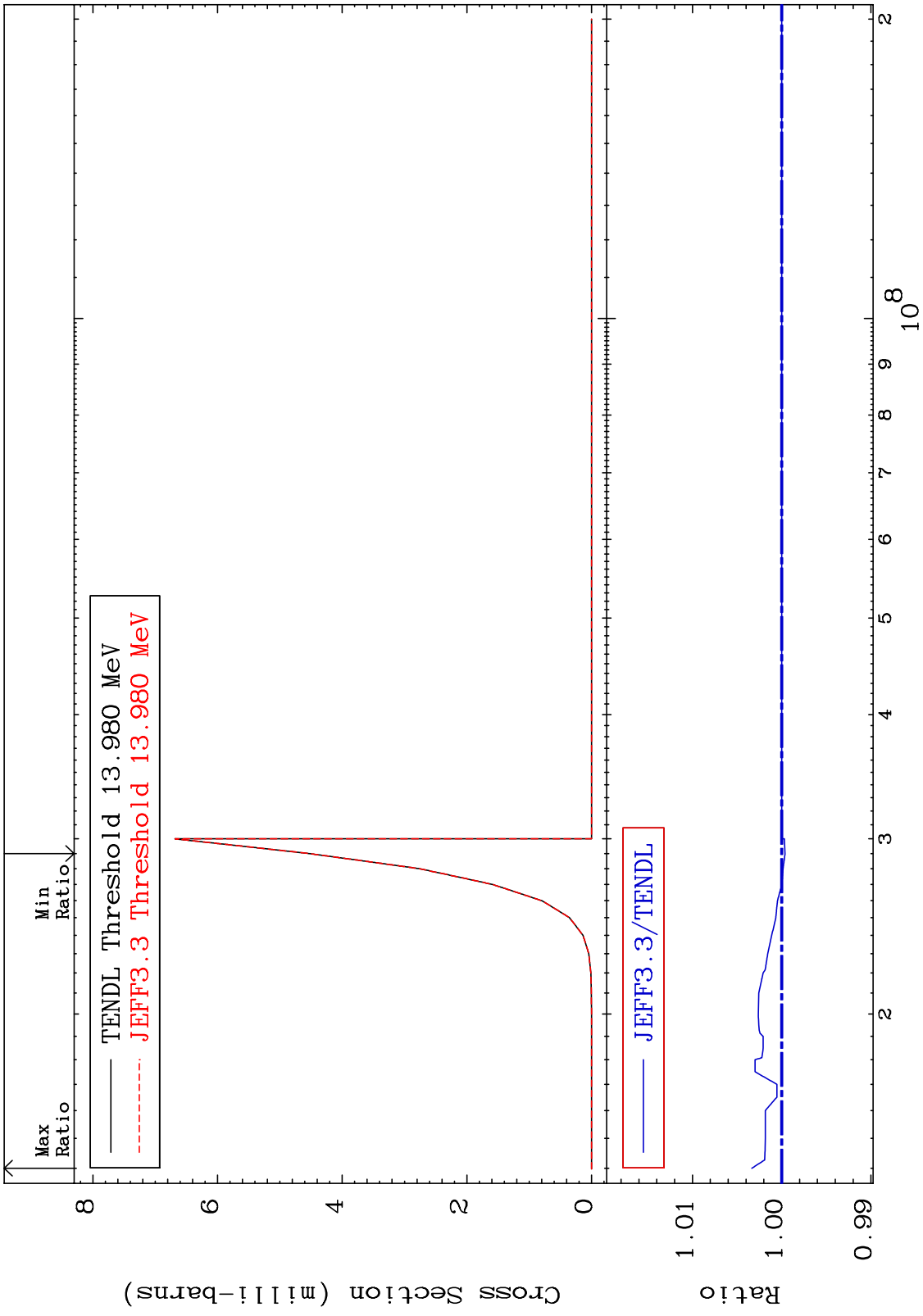
(n,4n)

81-Tl-205
0.000 To 4.221 %

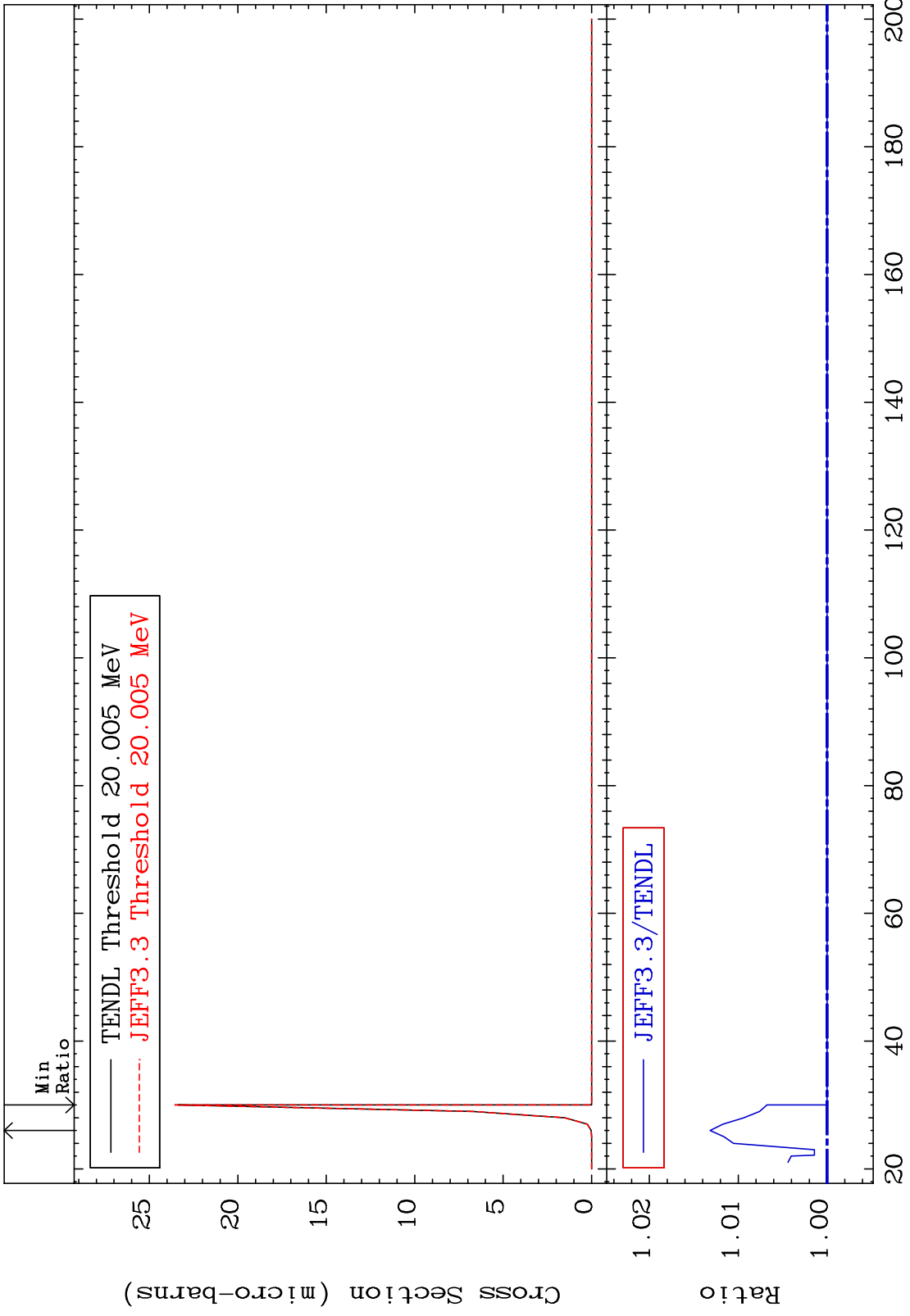
Cross Section



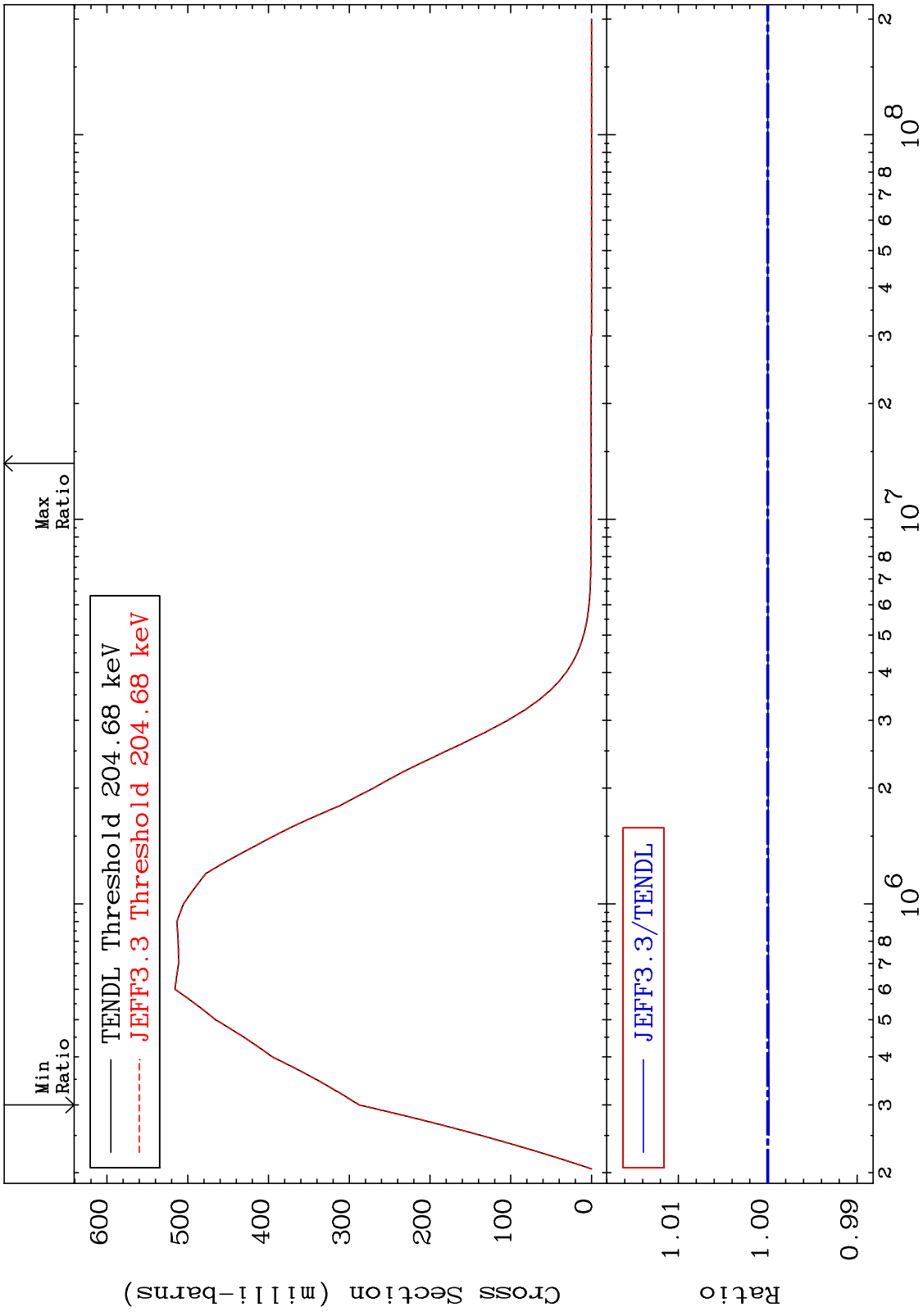
MAT 8131 (n,2n) p 81-Tl-205
 Cross Section -0.038 To 0.335 %



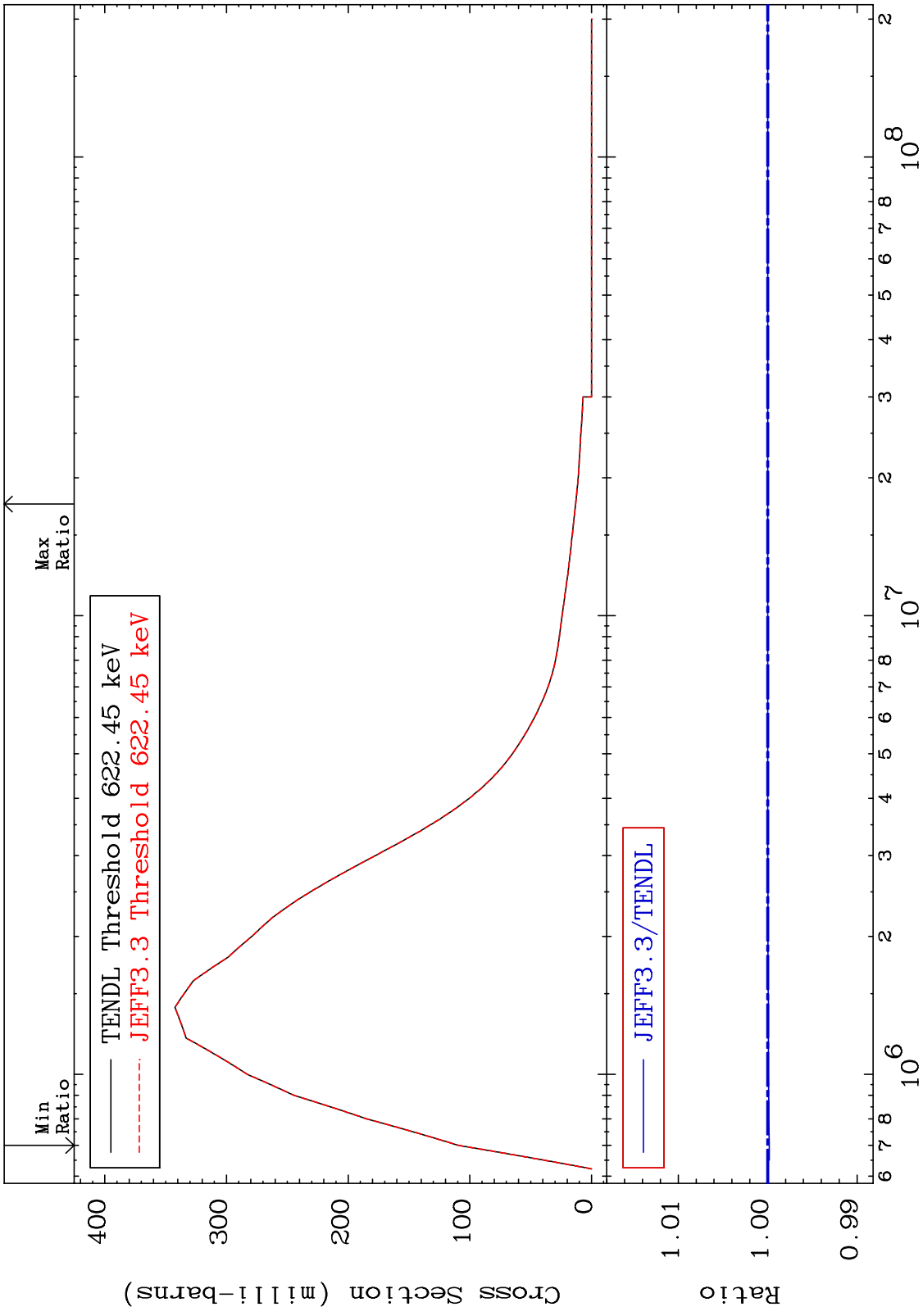
MAT 8131 (n,3n) p 81-Tl-205
Cross Section 0.000 To 1.318 %



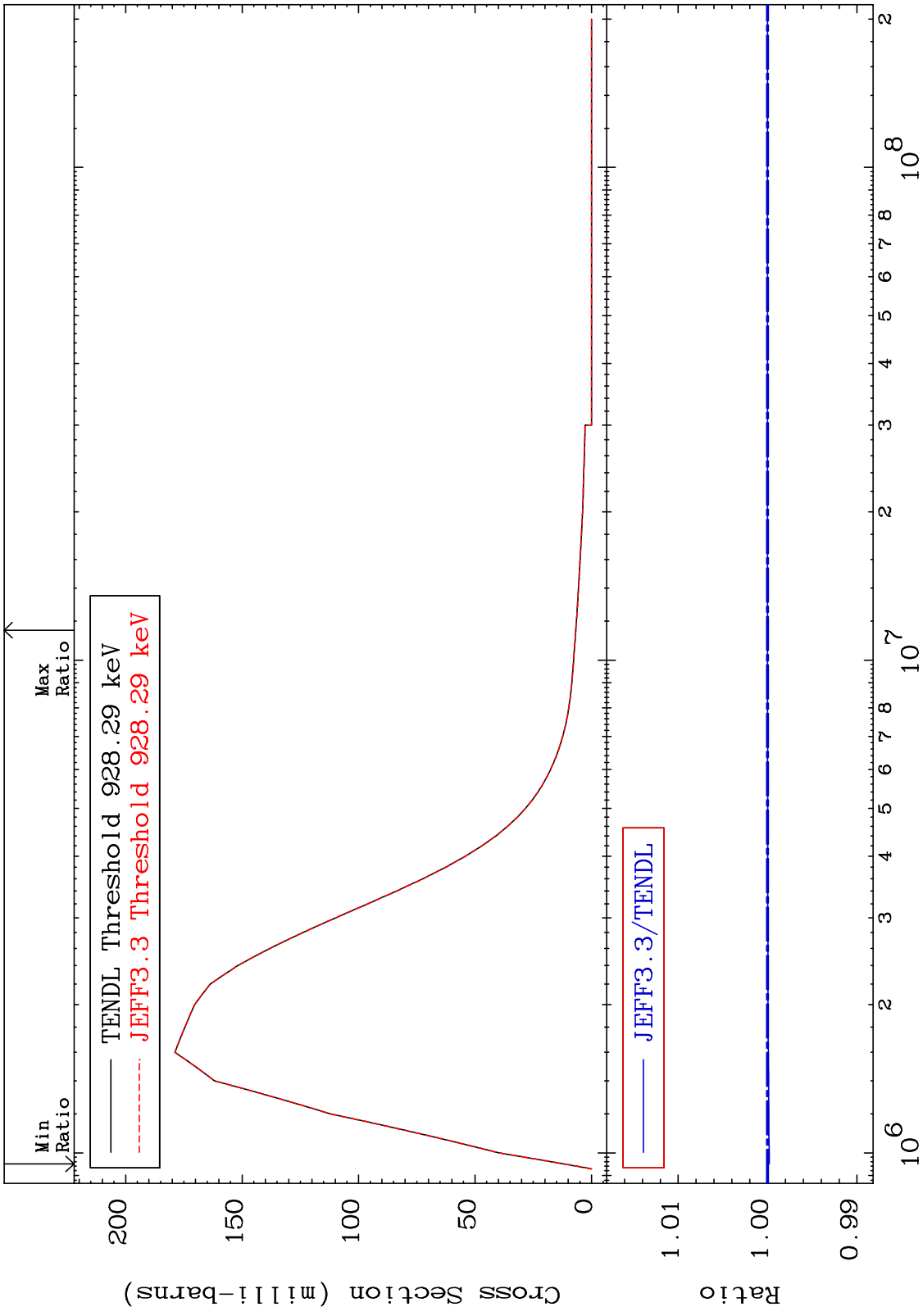
MAT 8131 MT= 51 (n,n') Level Cross Section 81-Tl-205
 -0.015 To 0.000 %



MAT 8131 MT= 52 (n,n') Level Cross Section -0.017 To 0.000 % 81-Tl-205

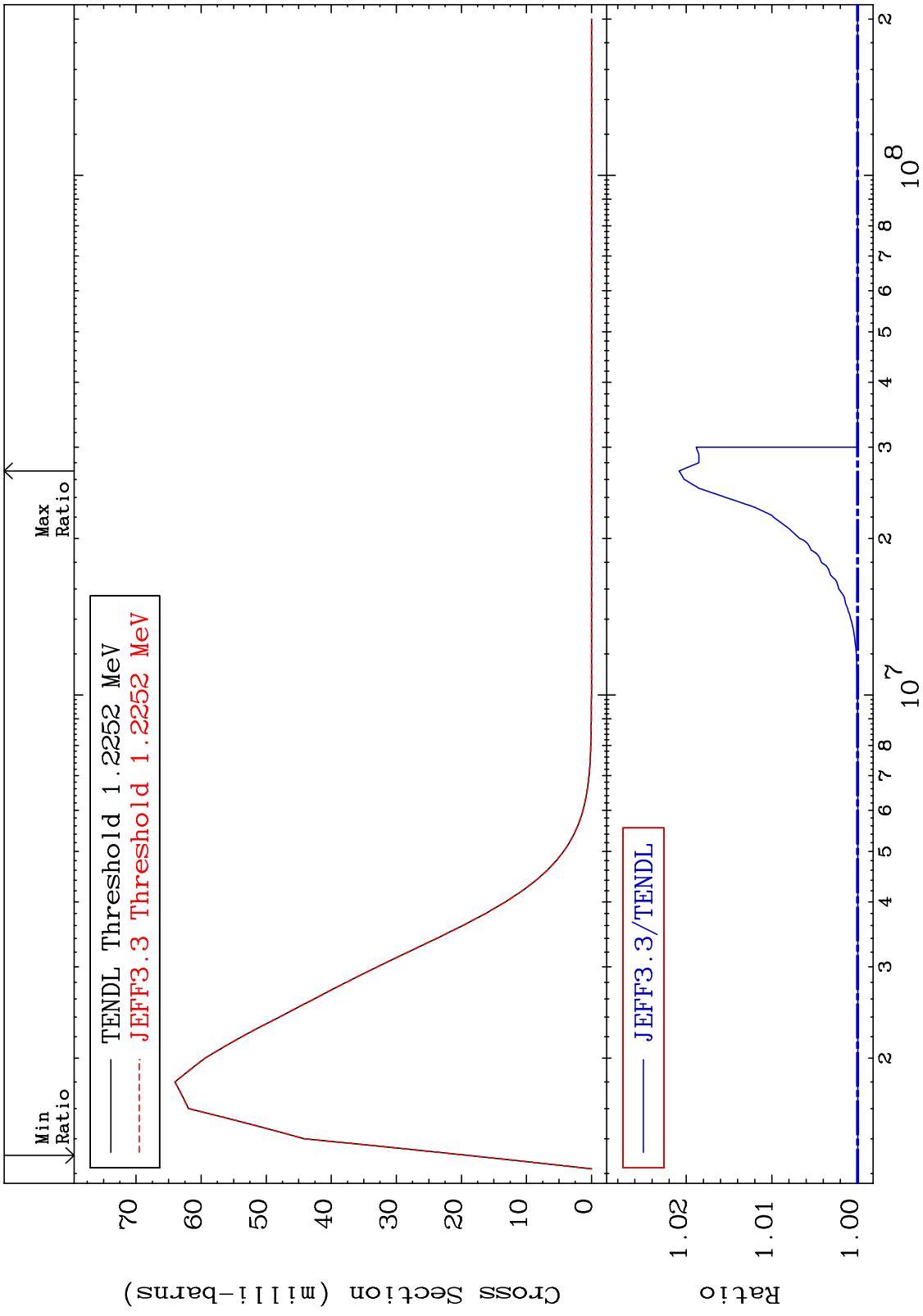


MAT 8131 MT= 53 (n,n') Level Cross Section 81-Tl-205 -0.019 To 0.000 %



81-Tl-205

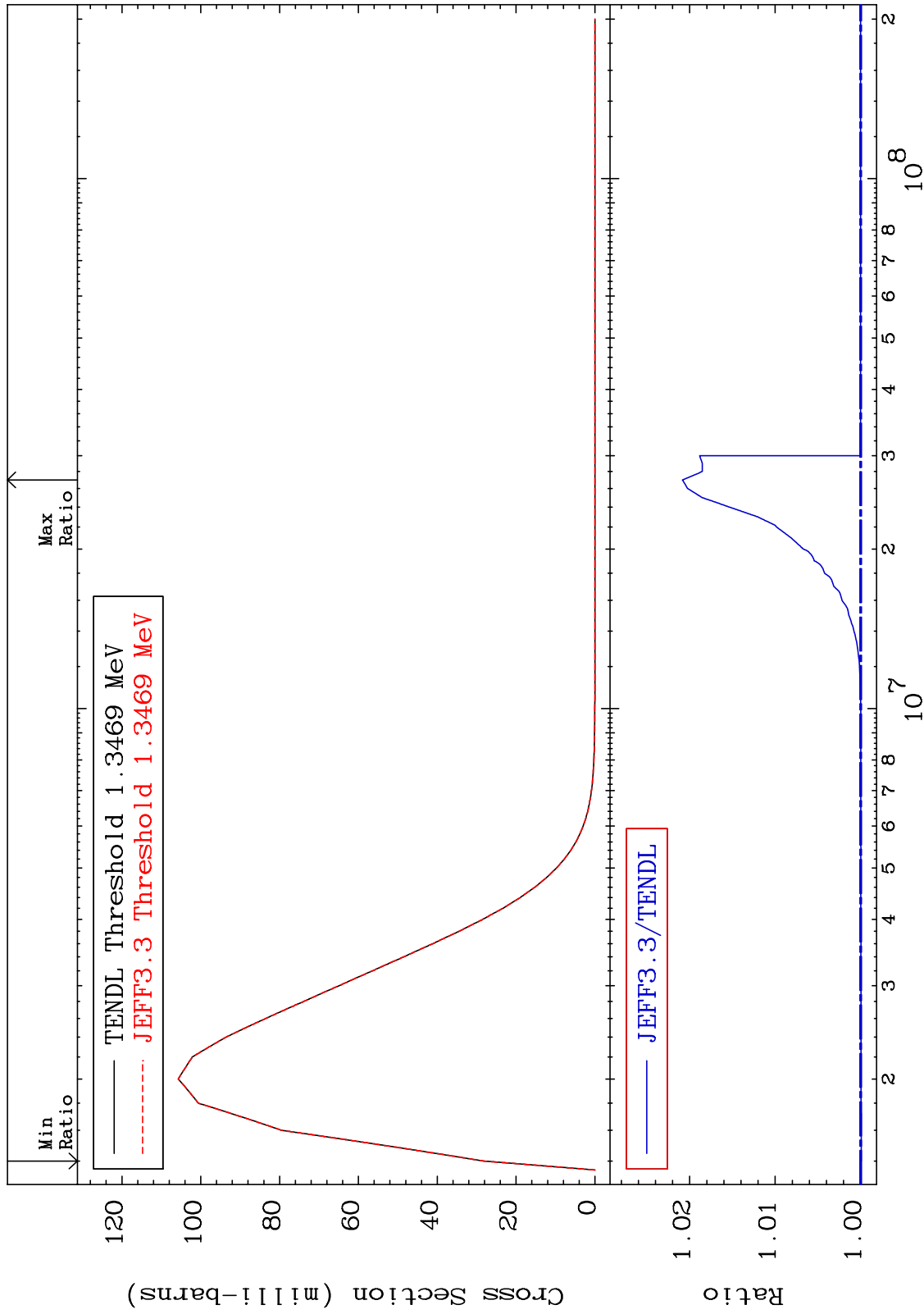
MAT 8131 MT= 56 (n,n') Level Cross Section -0.004 To 2.085 % 81-Tl-205



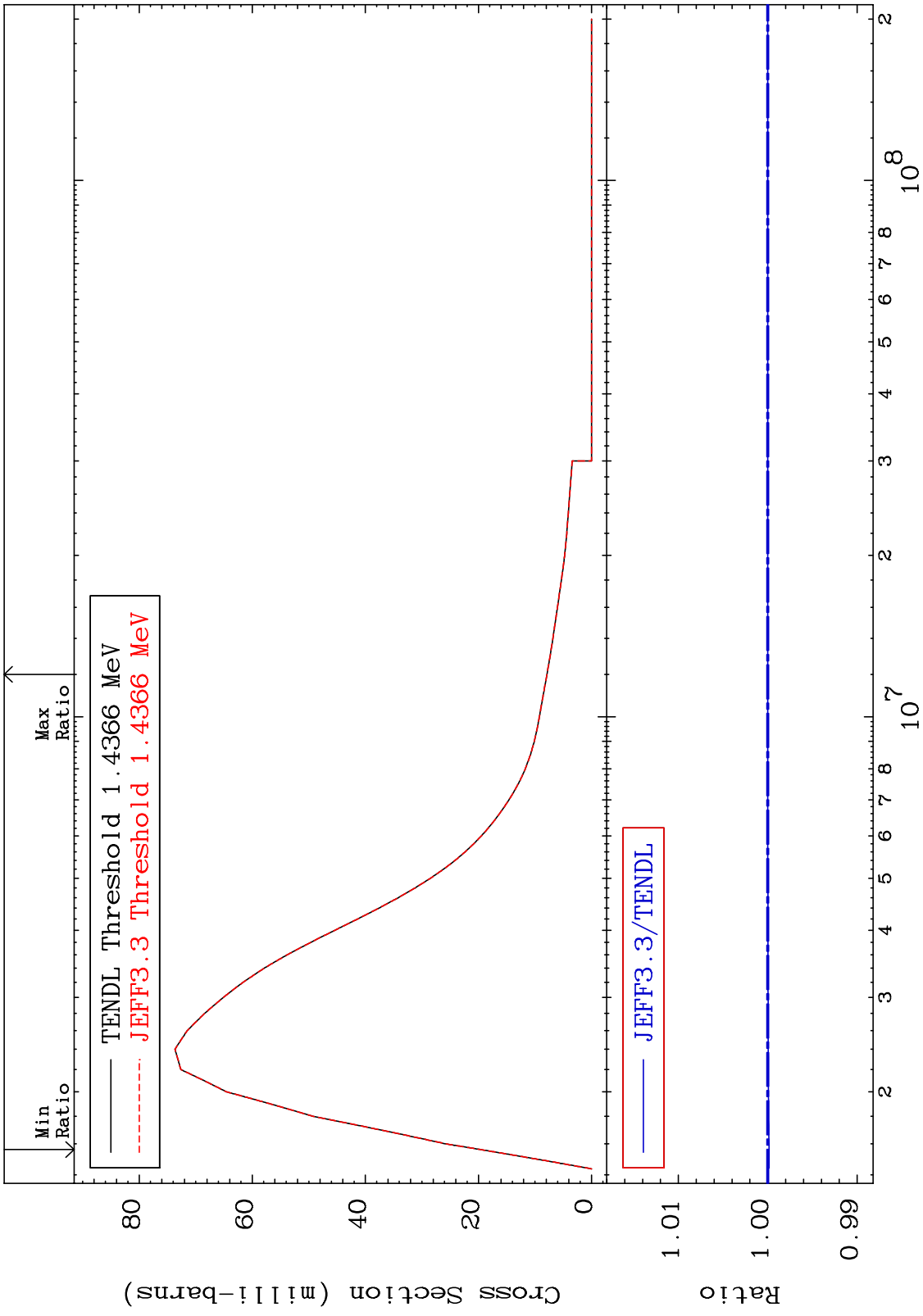
MAT 8131

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

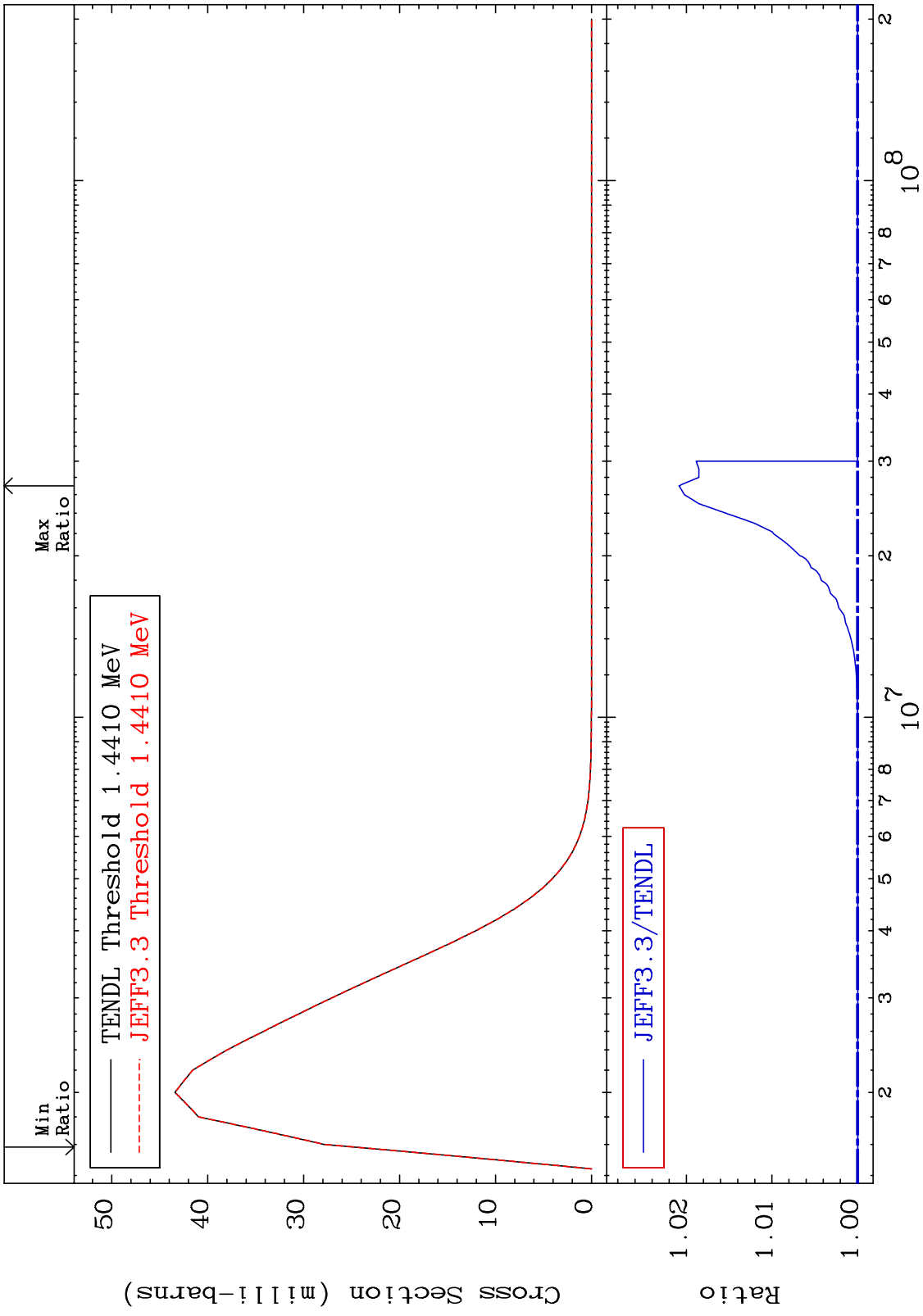
81-TI-205
-0.007 To 2.084 %



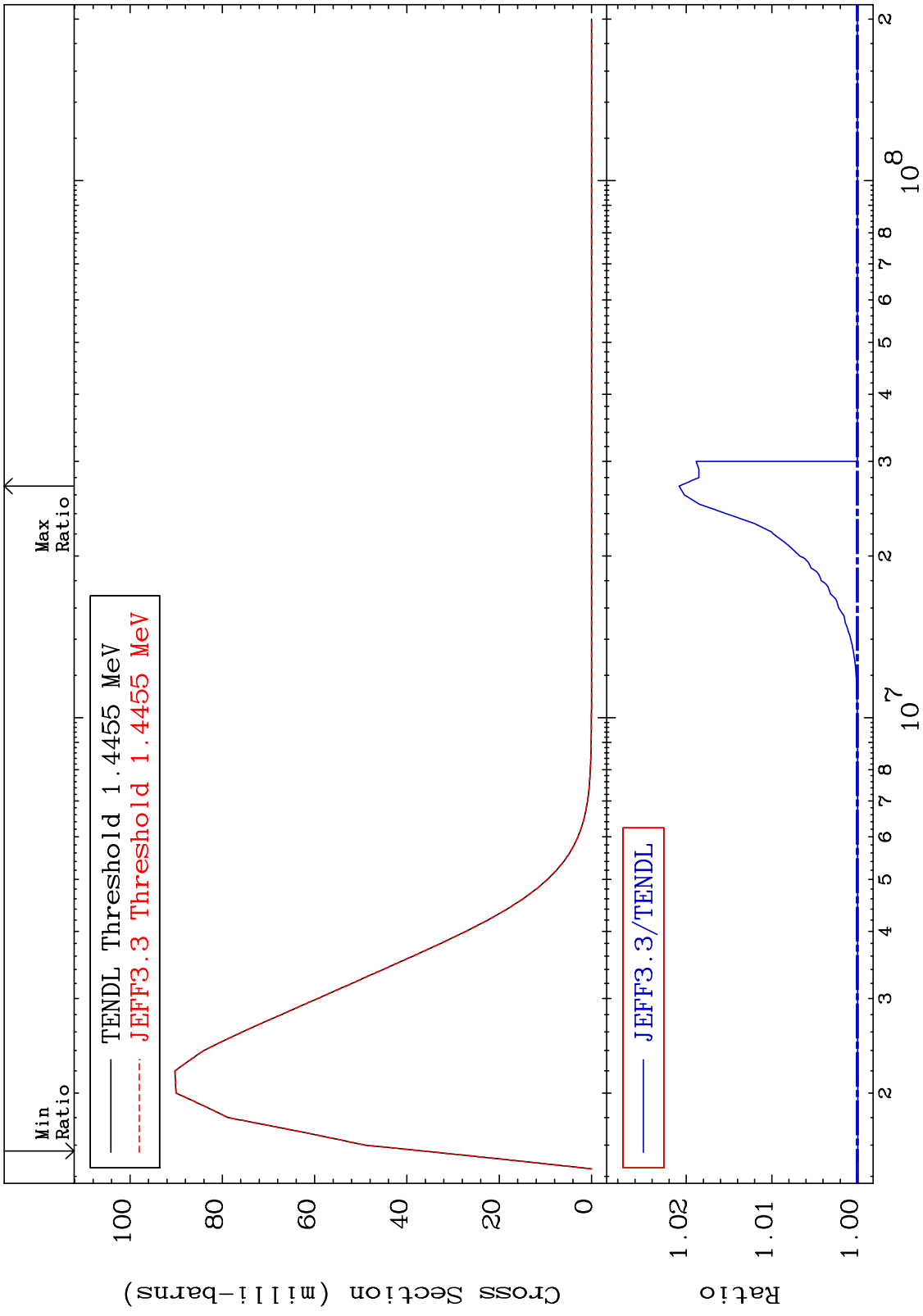
MAT 8131 MT= 58 (n,n') Level Cross Section 81-Tl-205 -0.015 To 0.000 %



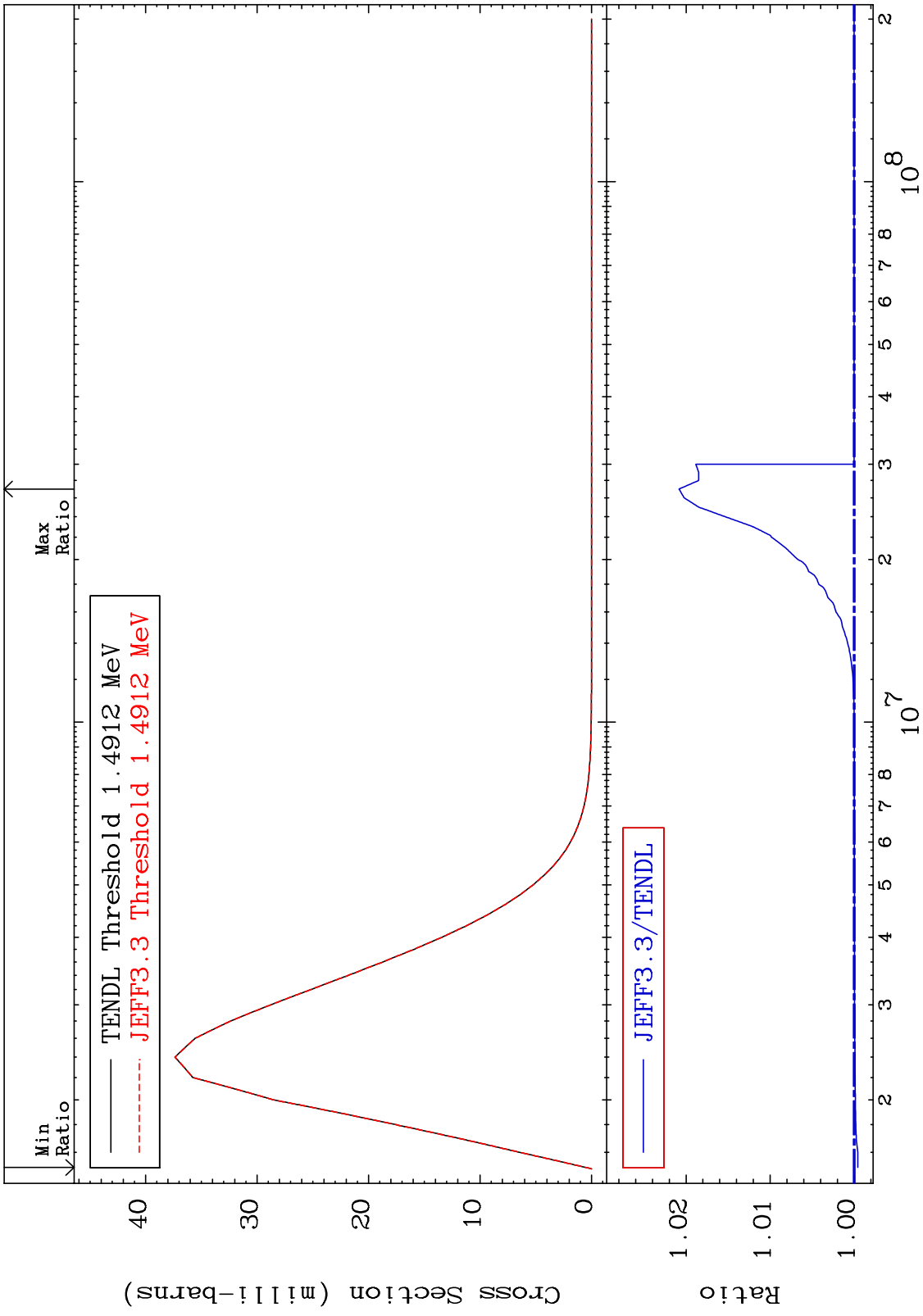
MAT 8131 MT= 59 (n,n') Level Cross Section -0.004 To 2.085 % 81-Tl-205



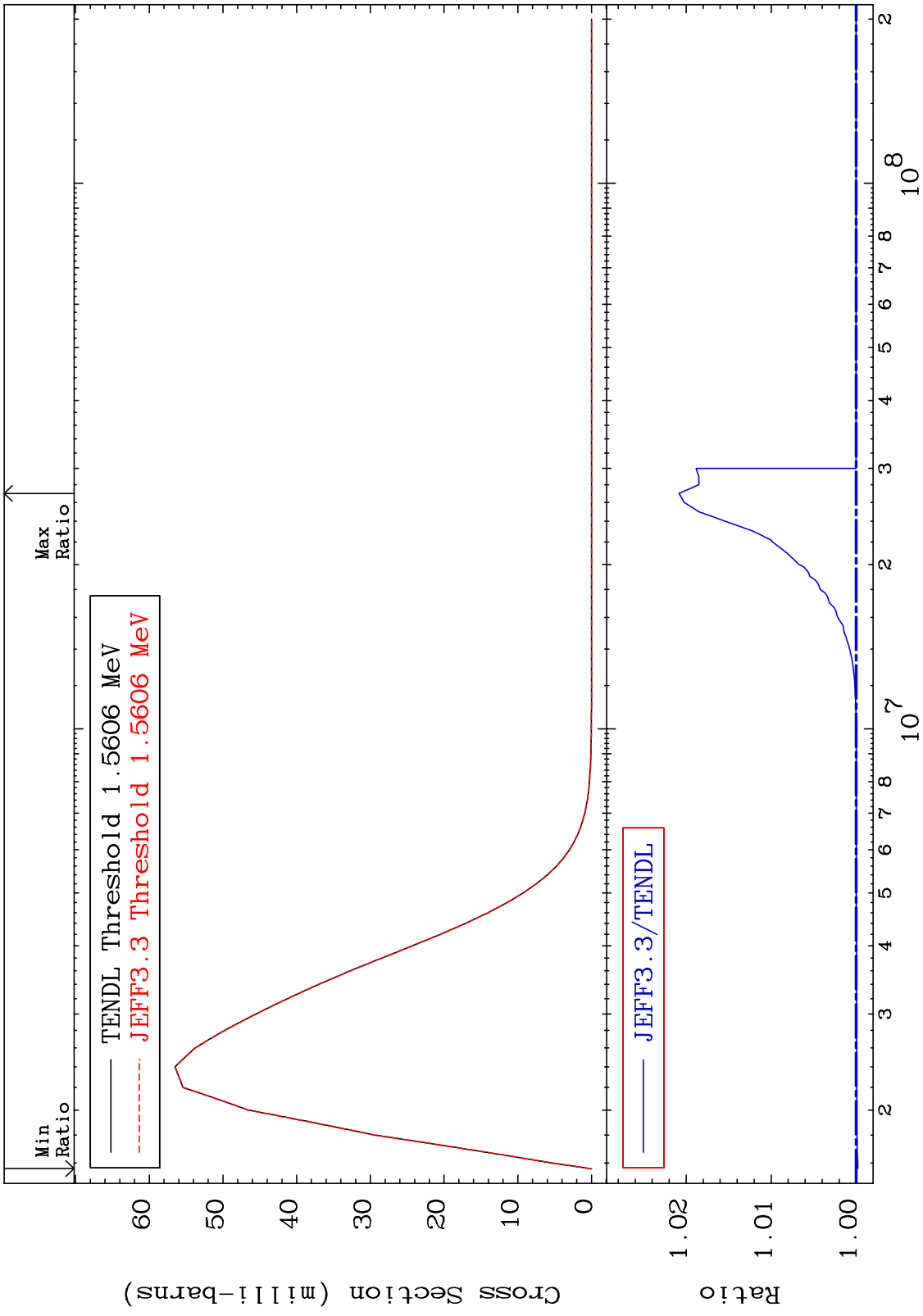
MAT 8131 MT= 60 (n,n') Level Cross Section 81-Tl-205 -0.006 To 2.084 %



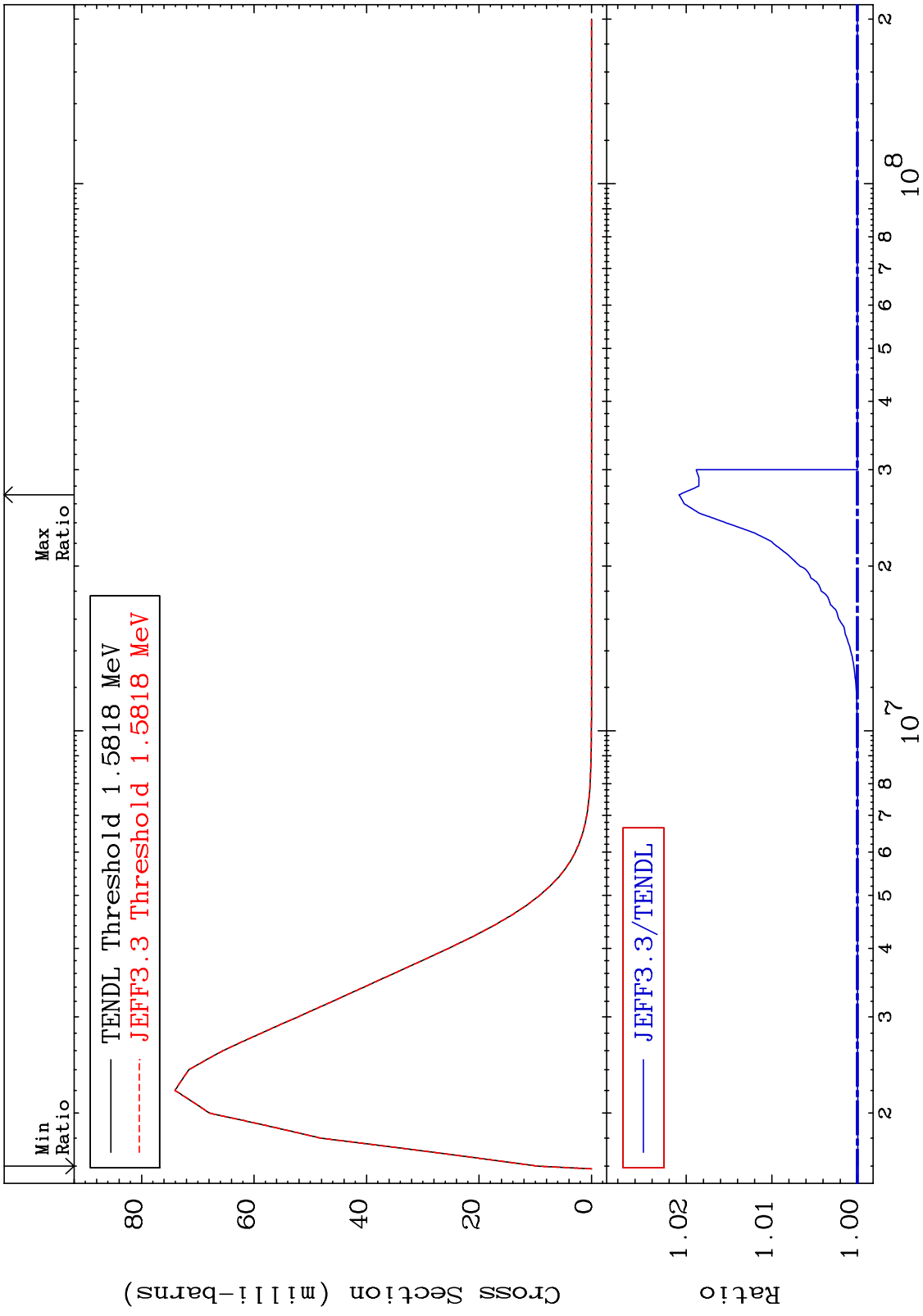
MAT 8131 MT= 61 (n,n') Level Cross Section -0.044 To 2.084 % 81-Tl-205



MAT 8131 MT= 62 (n,n') Level Cross Section -0.020 To 2.084 % 81-Tl-205



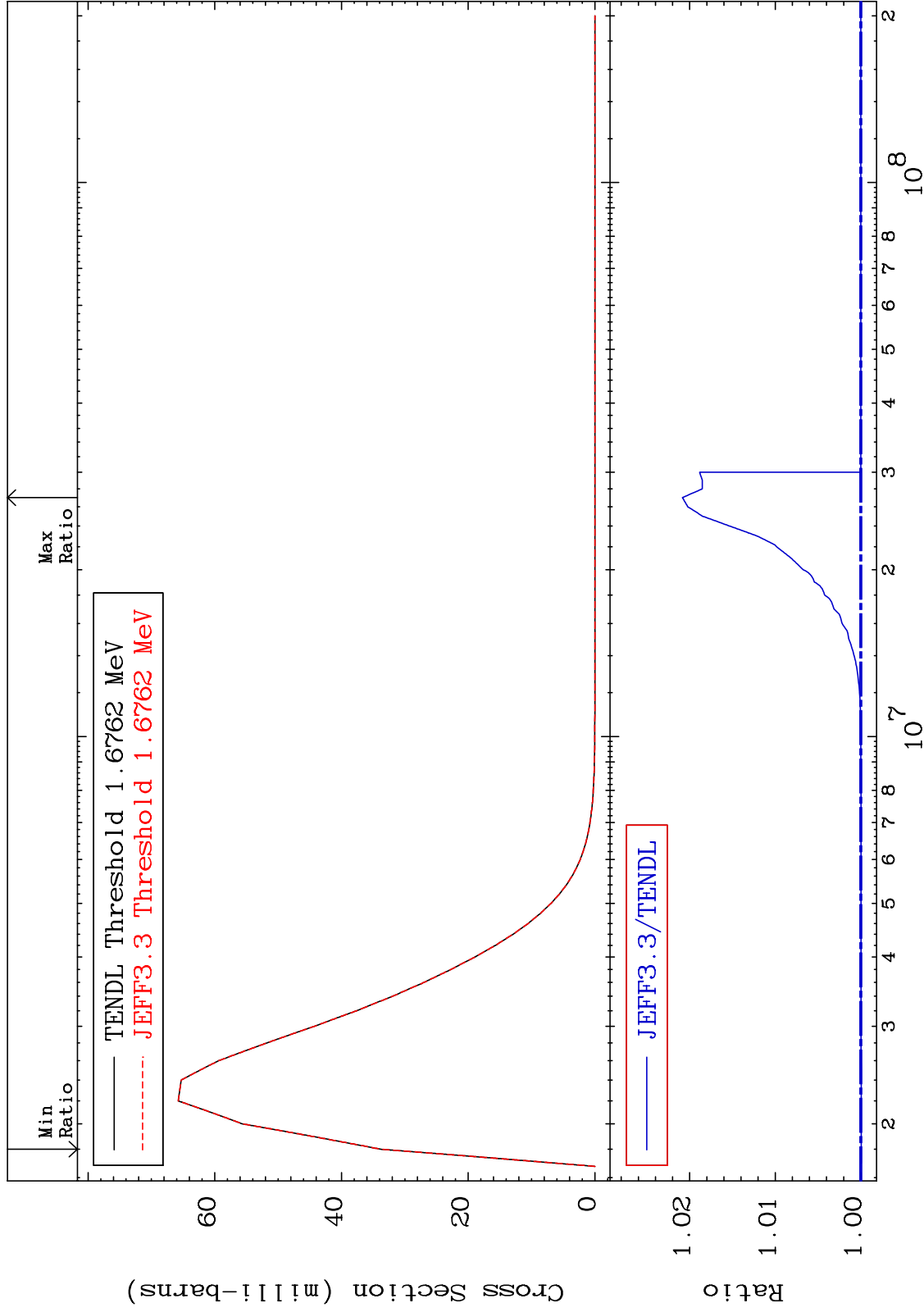
MAT 8131 MT= 64 (n,n') Level Cross Section 81-Tl-205 -0.006 To 2.084 %



MAT 8131

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

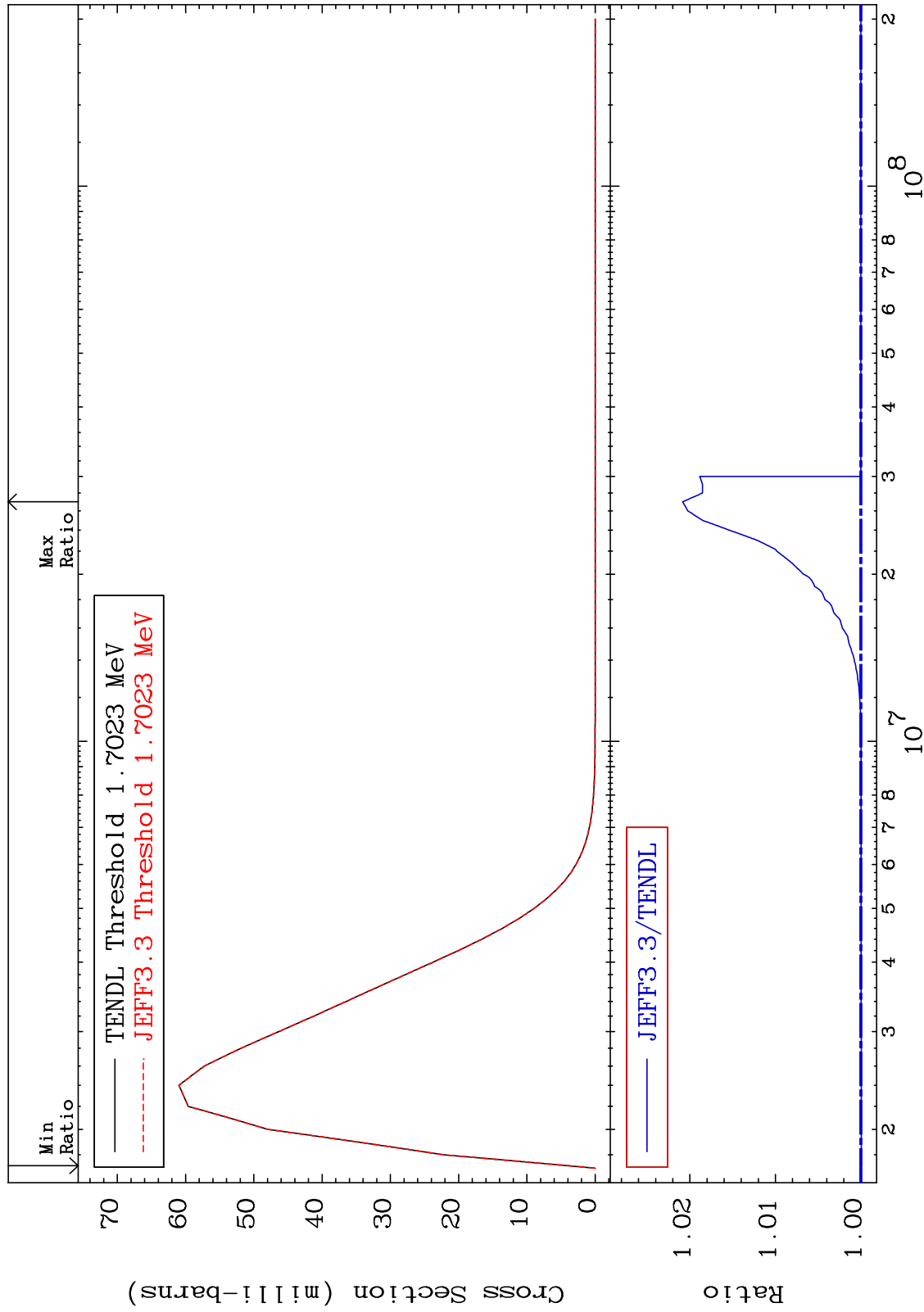
81-TI-205
-0.006 To 2.084 %



MAT 8131

MT= 67 (n,n') Level
Cross Section

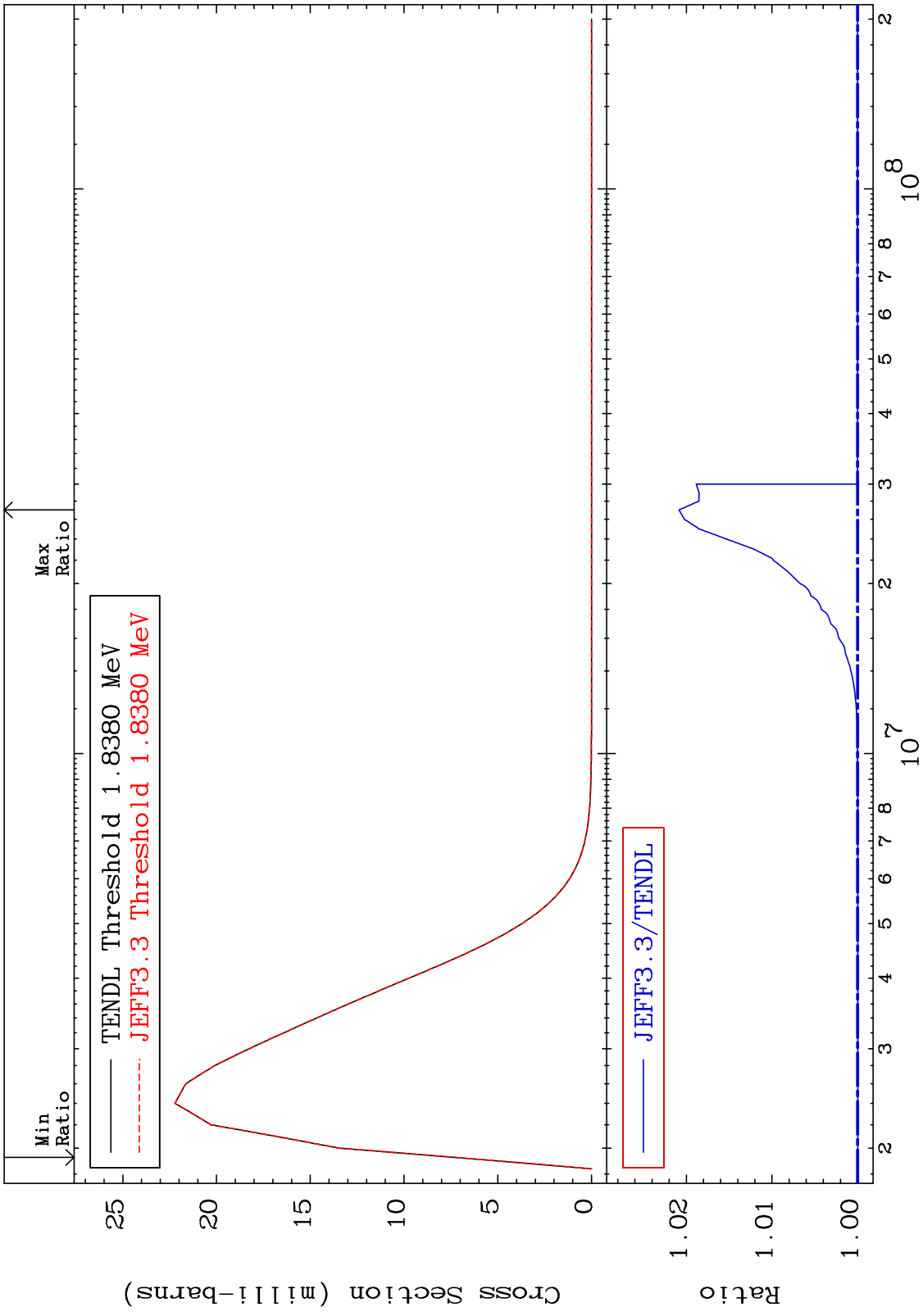
81-TI-205
-0.005 To 2.084 %



30

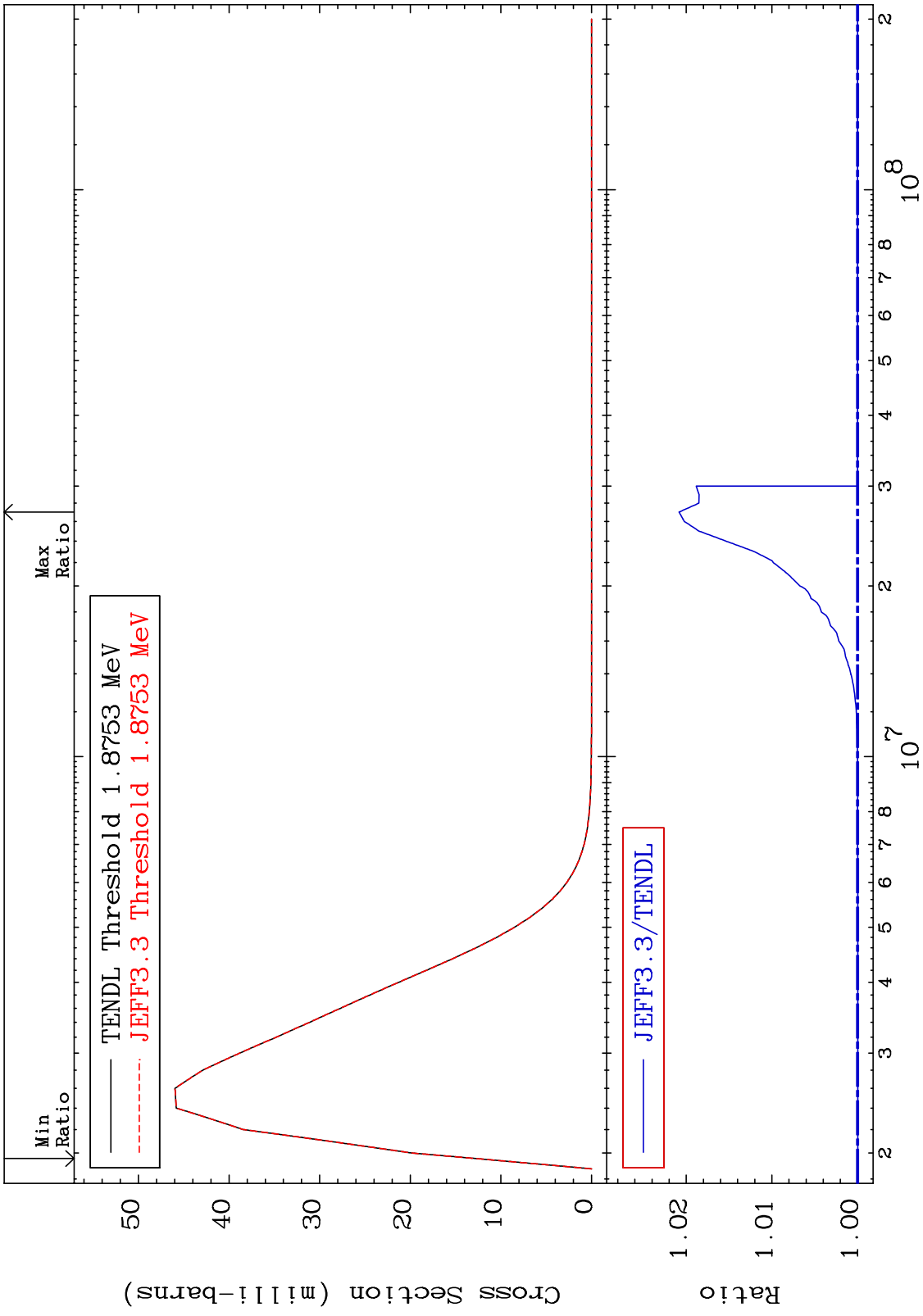
81-TI-205

MAT 8131 MT= 70 (n,n') Level Cross Section 81-TI-205
 -0.003 To 2.085 %



31 81-TI-205

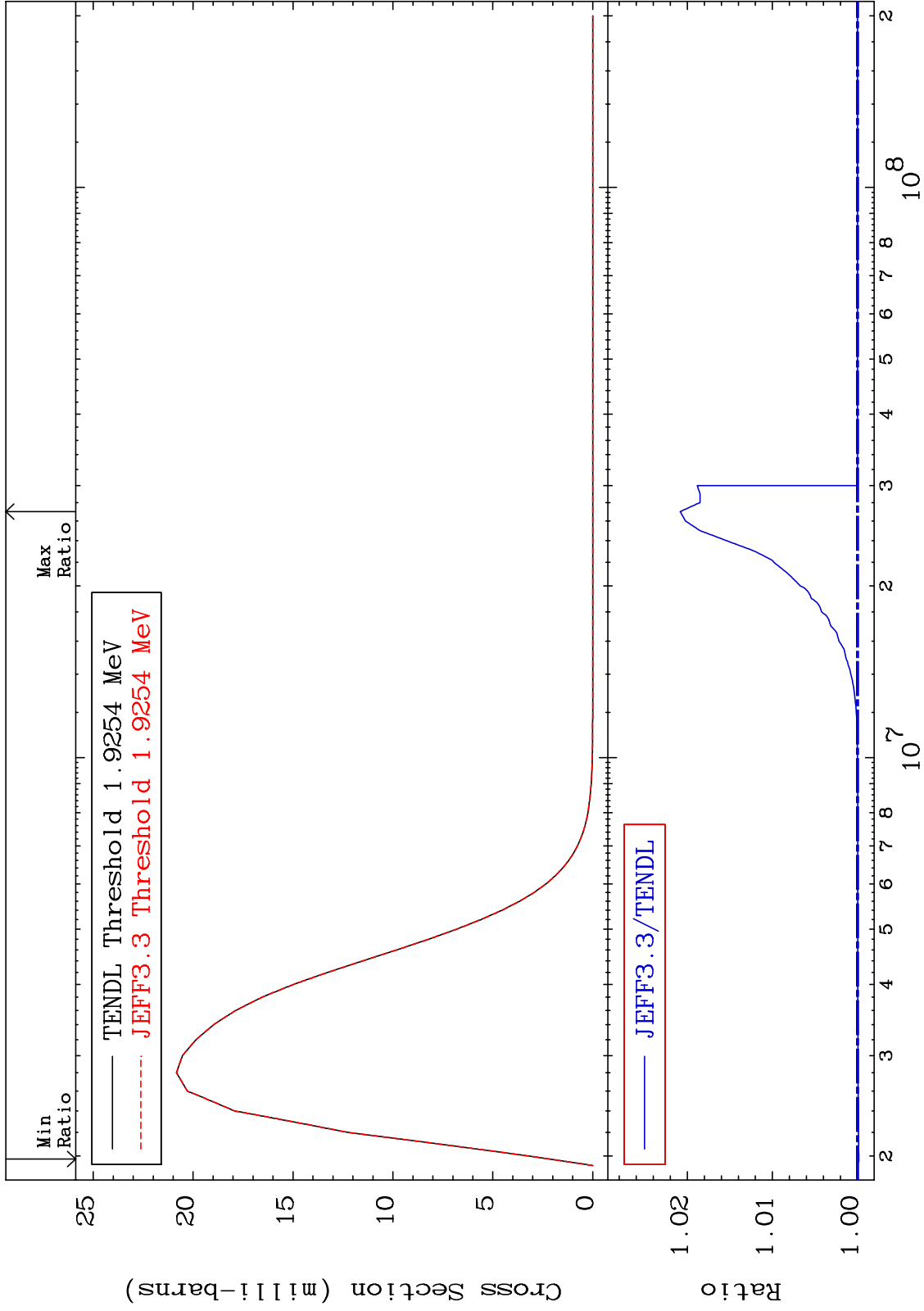
MAT 8131 MT= 72 (n,n') Level Cross Section 81-Tl-205
 -0.004 To 2.085 %



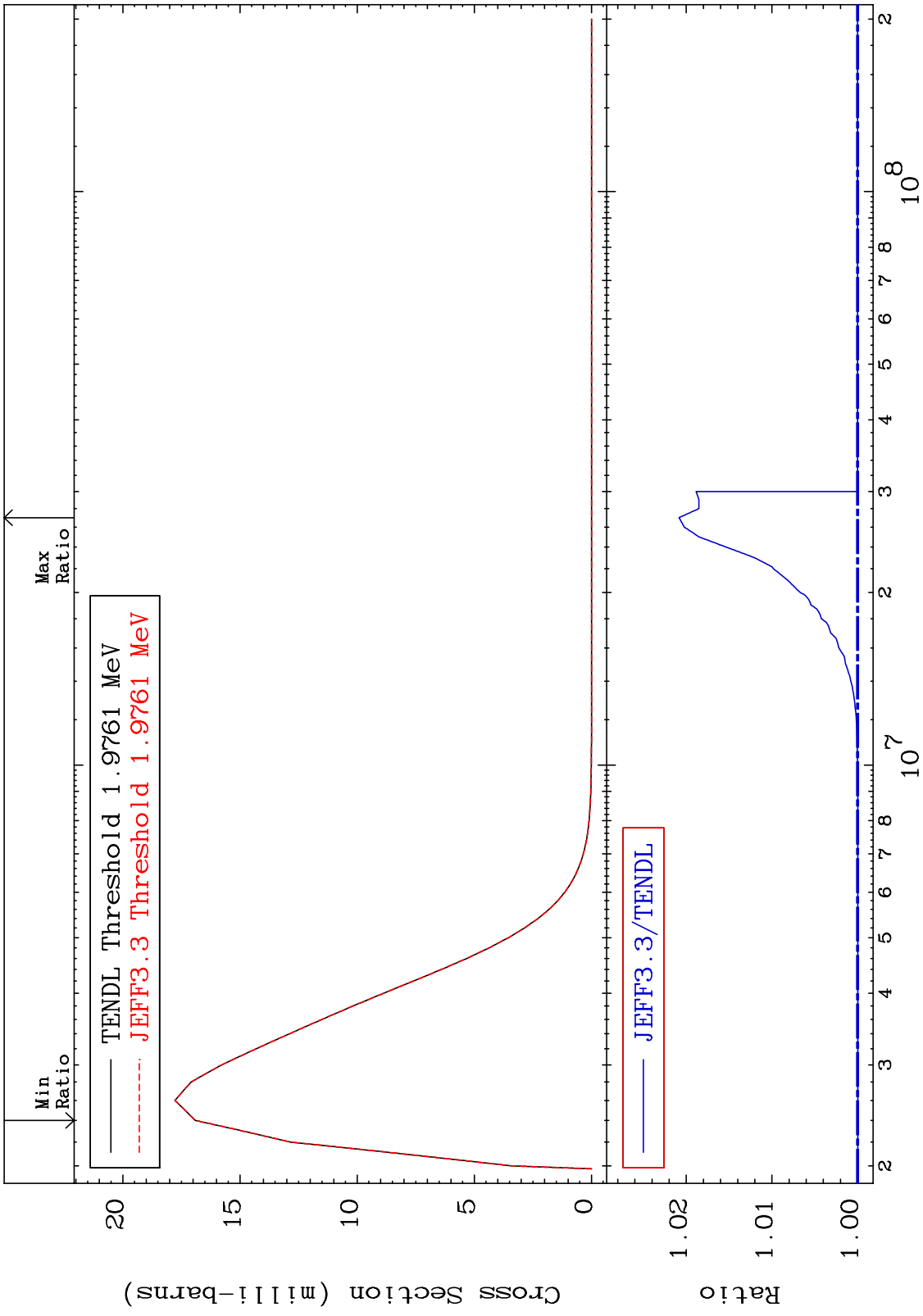
MAT 8131

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

81-TI-205
-0.017 To 2.084 %



MAT 8131 MT= 75 (n,n') Level Cross Section 81-TI-205
 -0.003 To 2.085 %

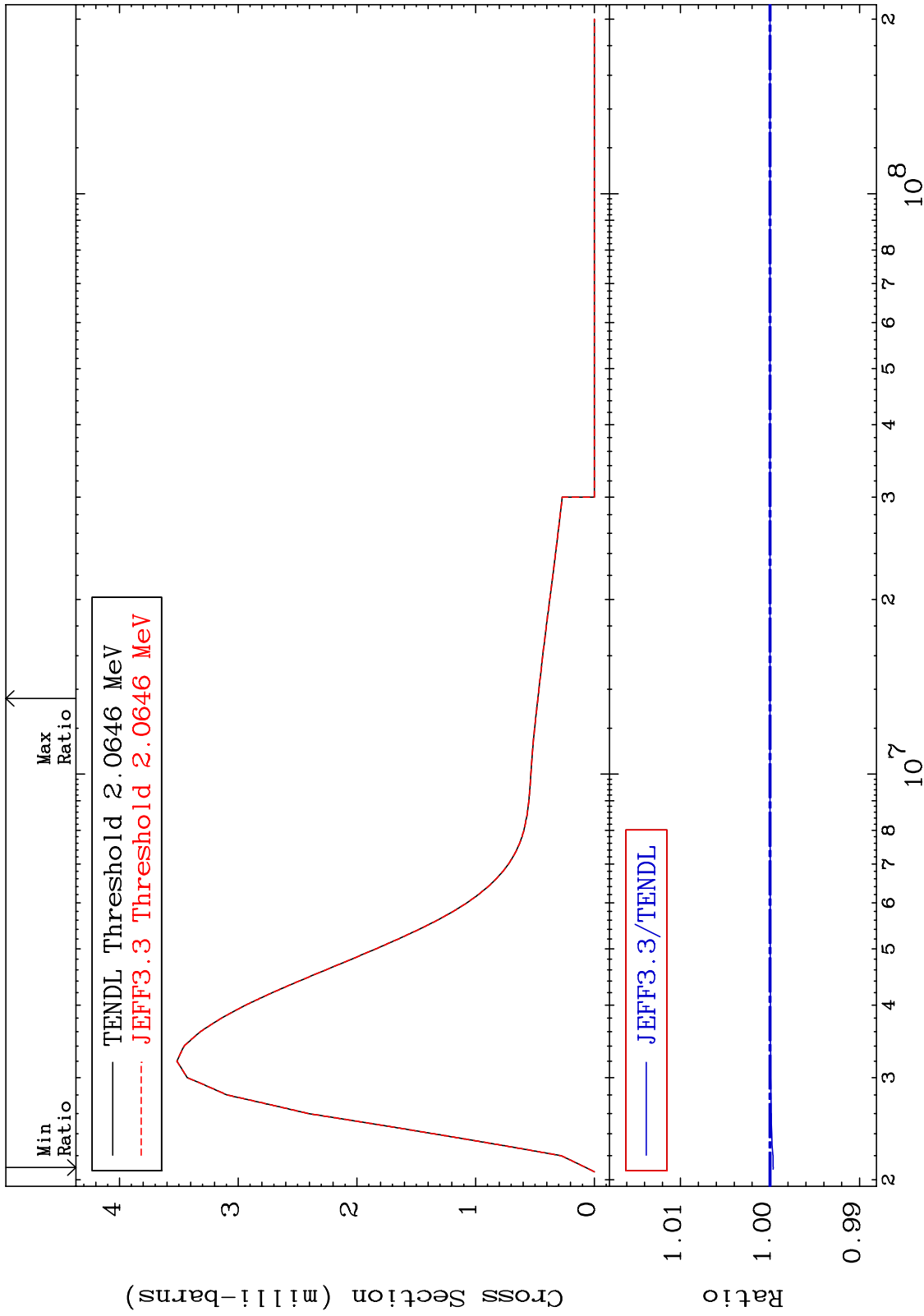


34 81-TI-205

MAT 8131

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

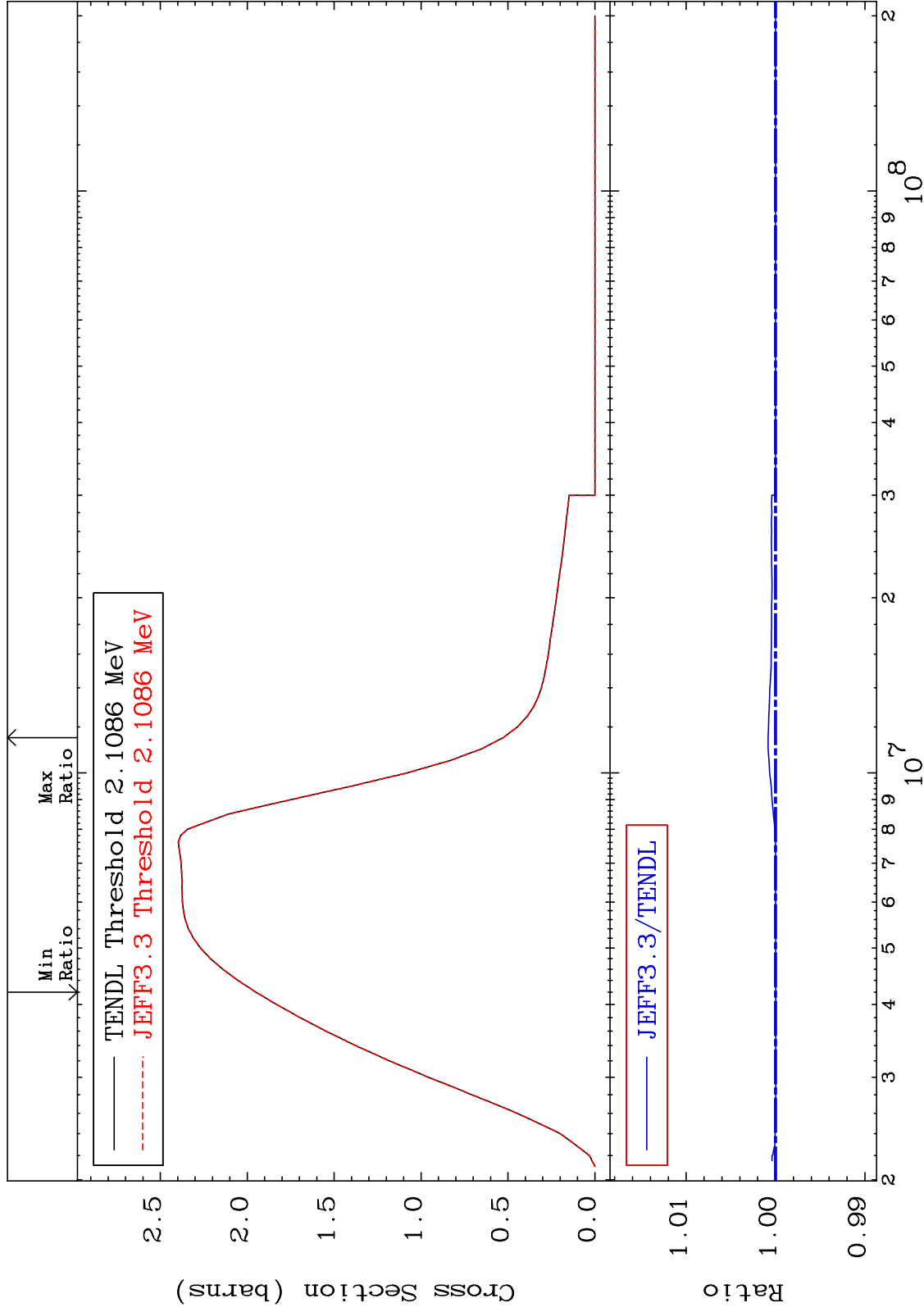
81-Tl-205
-0.035 To 0.000 %



MAT 8131

(n,n') Continuum
Cross Section

81-Tl-205
-0.001 To 0.084 %



36

Incident Energy (eV)

81-Tl-205

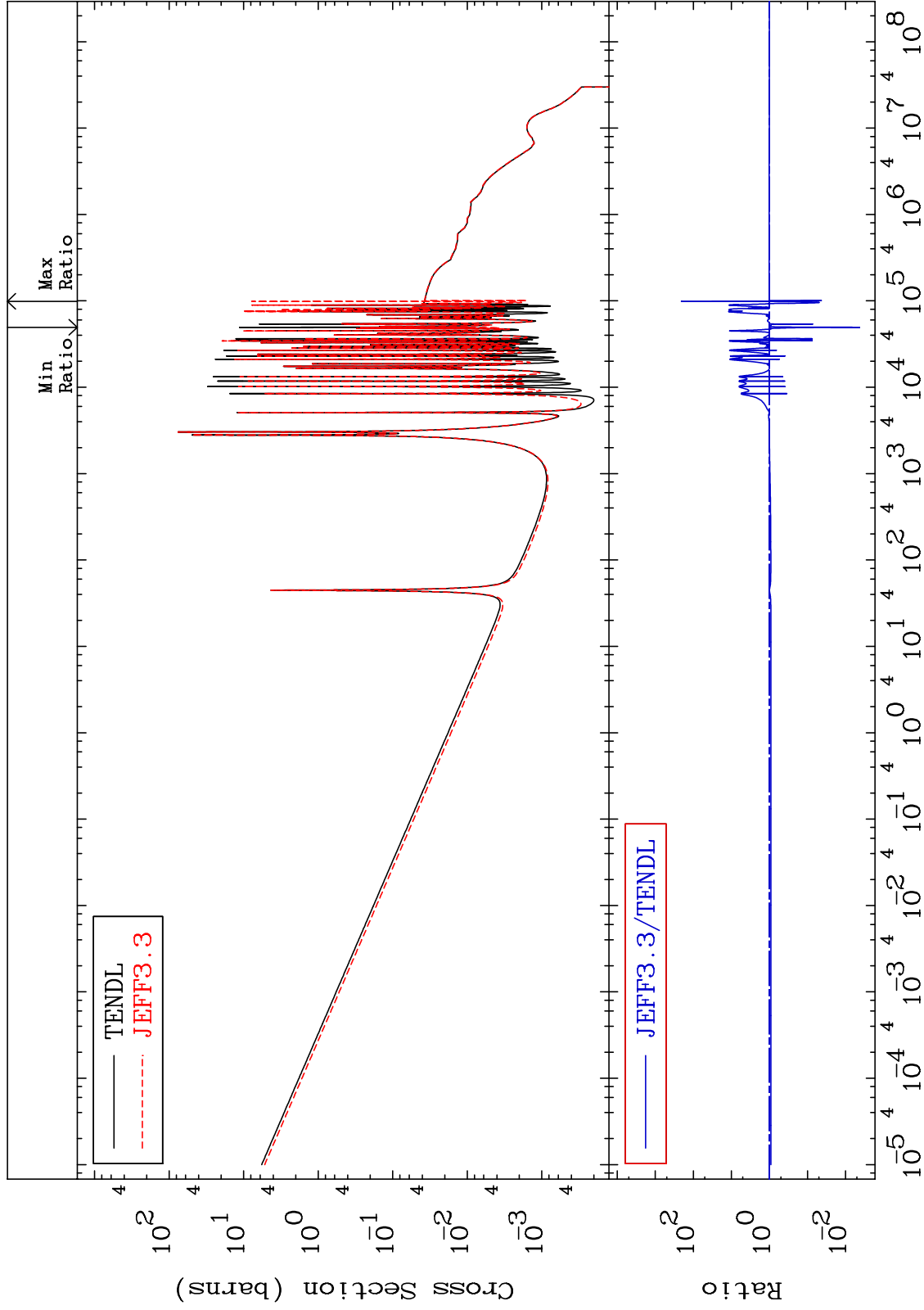
MAT 8131

(n, γ)

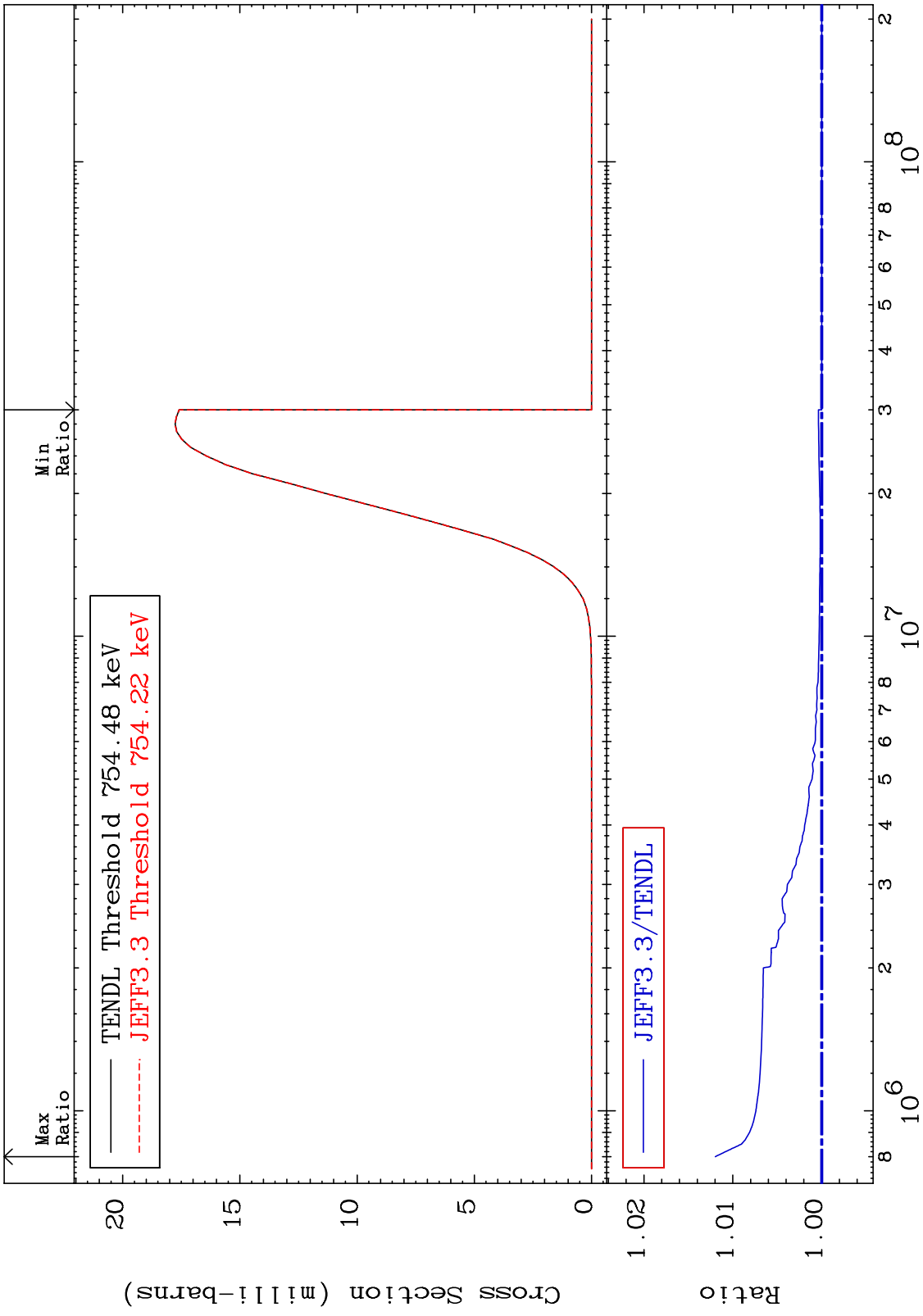
81-Tl-205

Cross Section

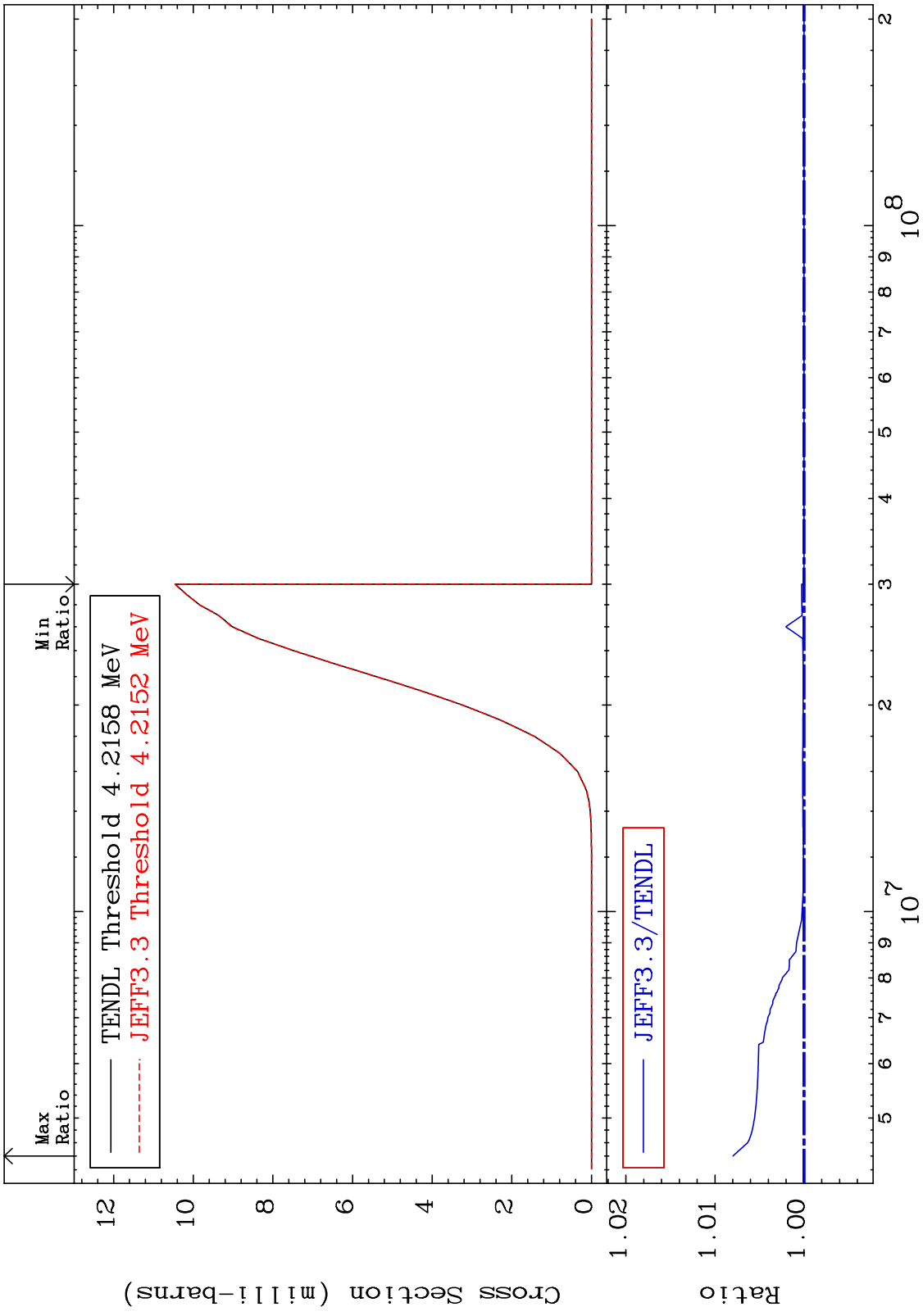
-99.58 To 9999. %



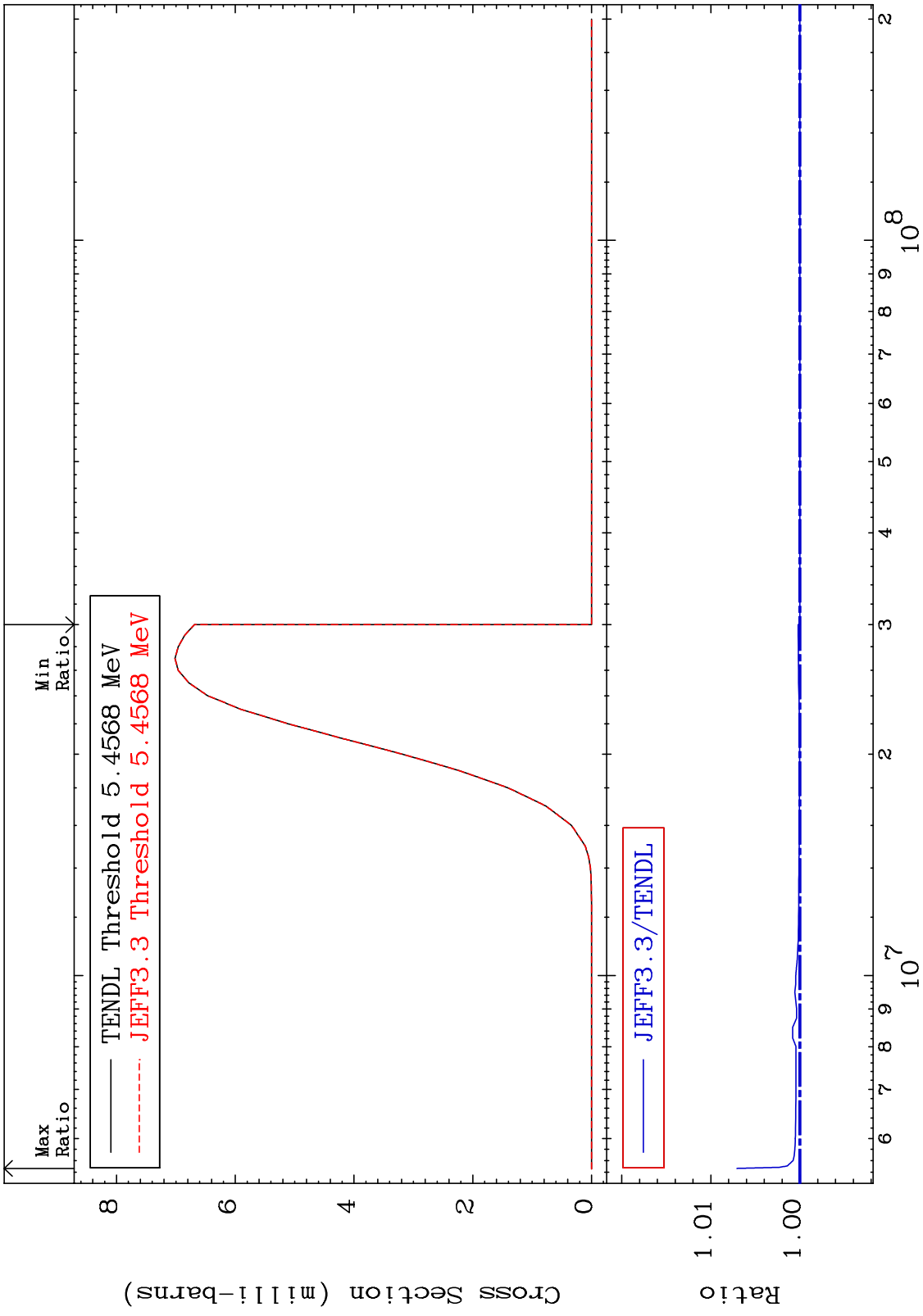
MAT 8131 (n,p) Cross Section 81-Tl-205 To 1.198 %



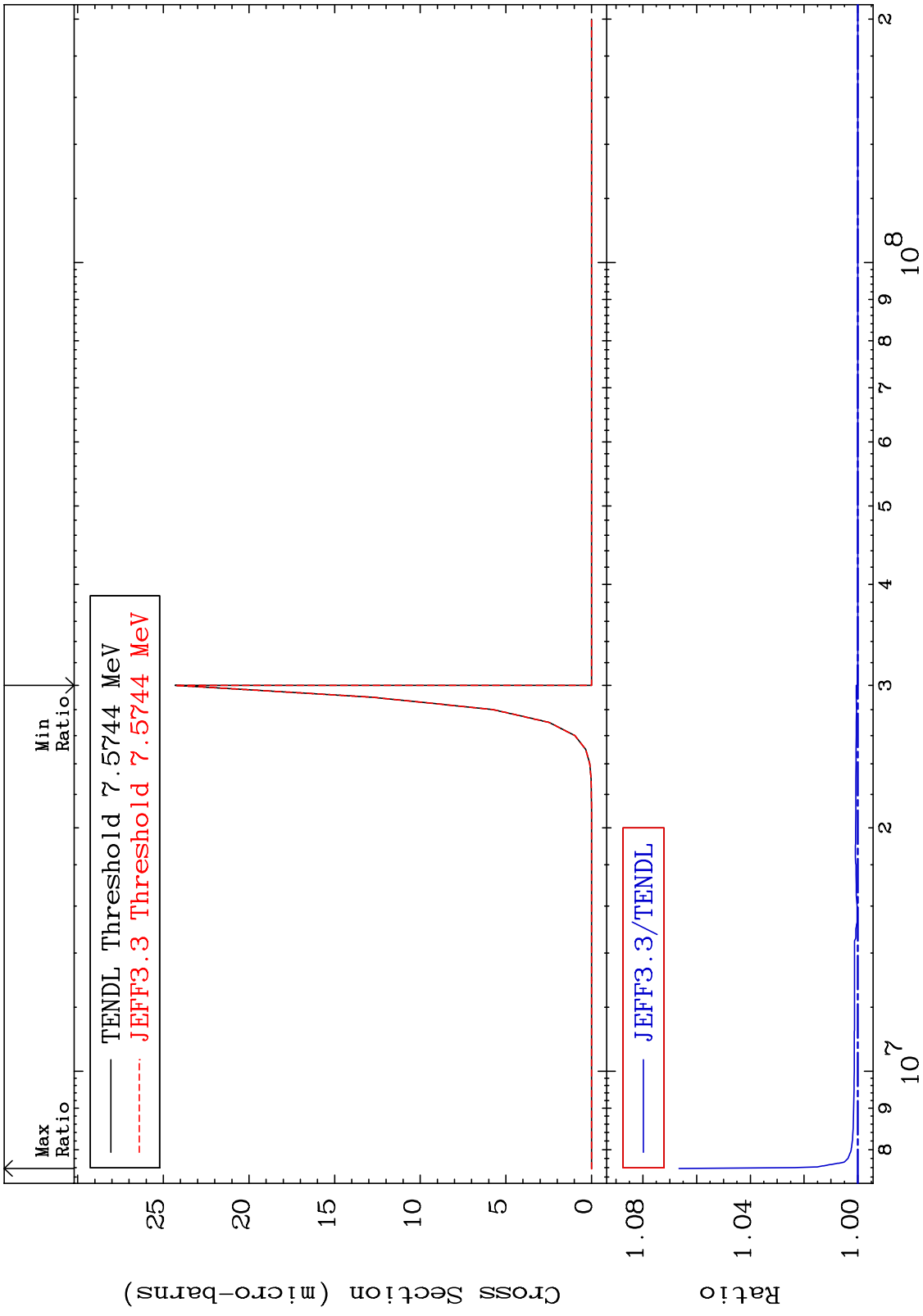
MAT 8131 (n,d) Cross Section 81-Tl-205 To 0.798 %



MAT 8131 (n,t) Cross Section 81-Tl-205 To 0.707 %



MAT 8131 (n,He-3) Cross Section 81-TI-205 To 6.654 %



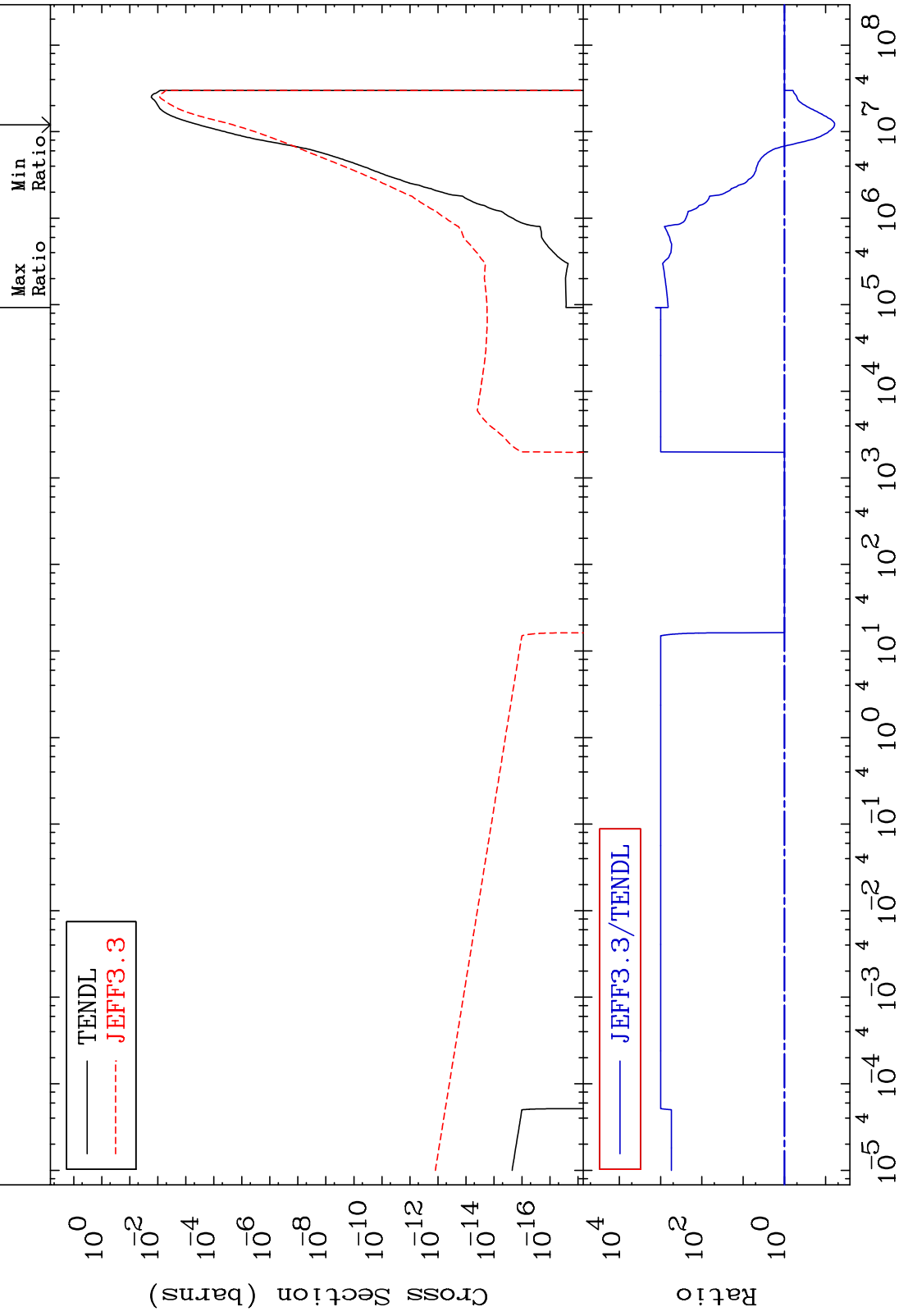
MAT 8131

(n, α)

81-TI-205

Cross Section

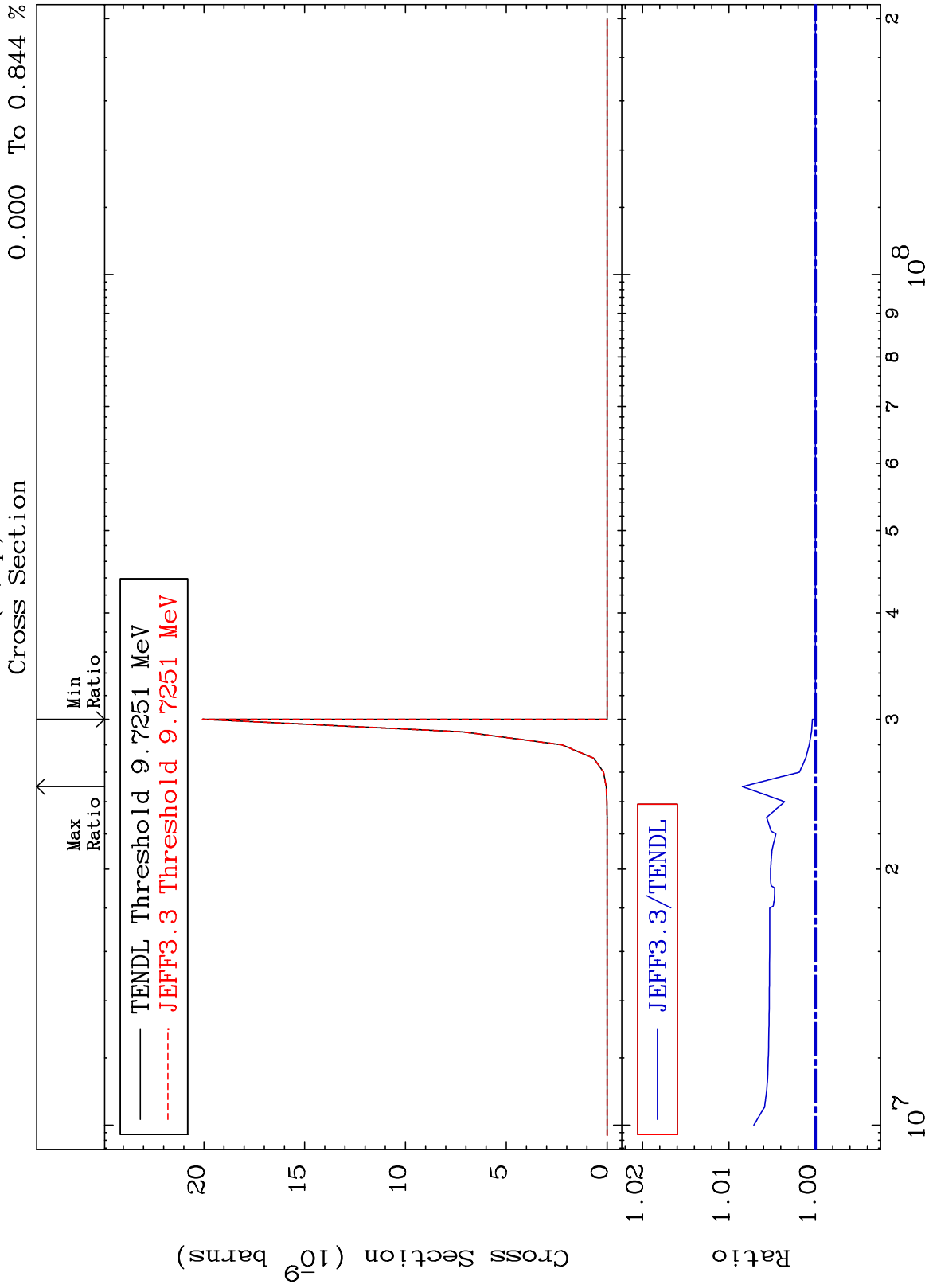
-93.92 To 9999. %



MAT 8131

(n,2p)

81-Tl-205
0.000 To 0.844 %



43

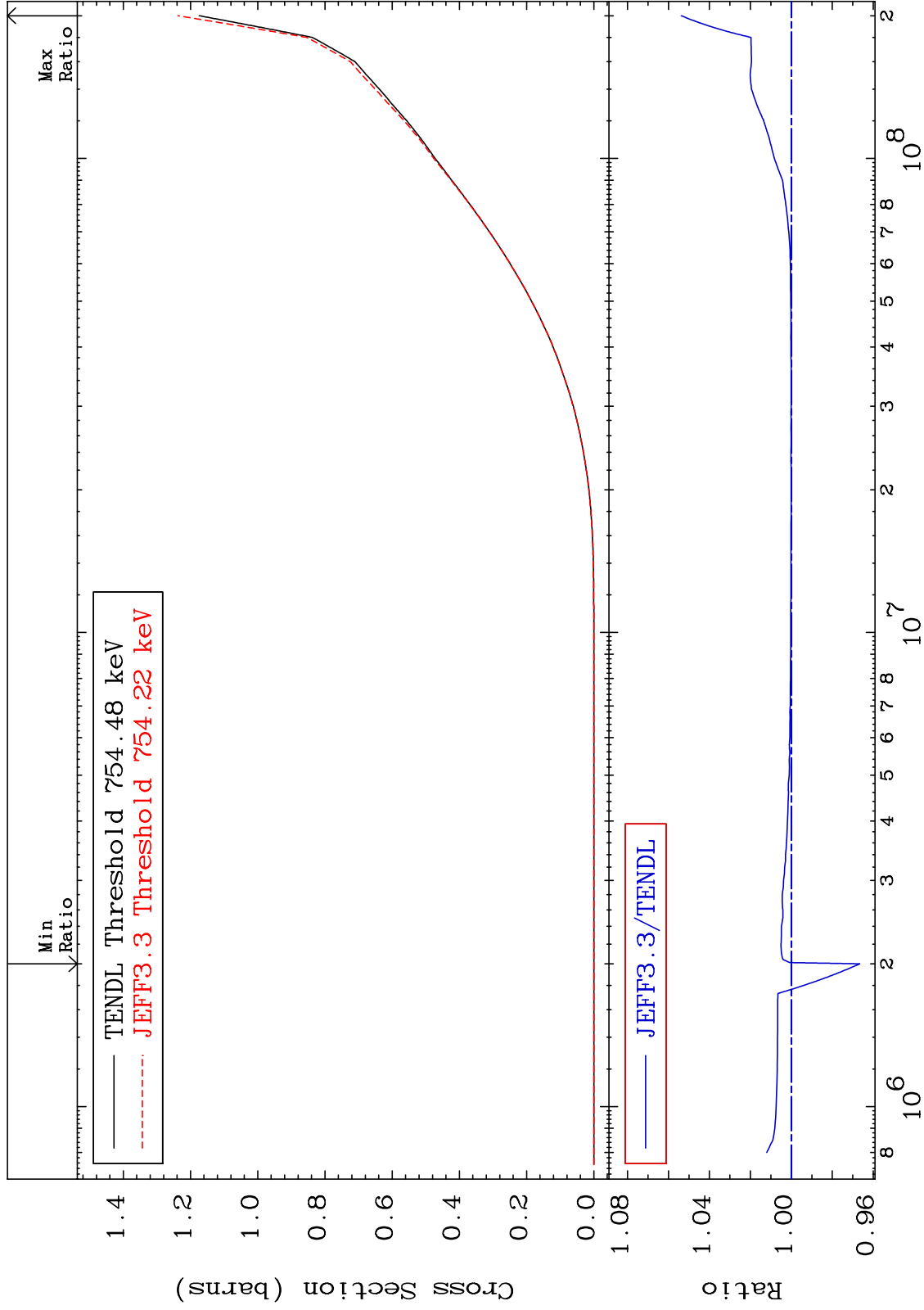
Incident Energy (eV)

81-Tl-205

MAT 8131

Hydrogen Production
Cross Section

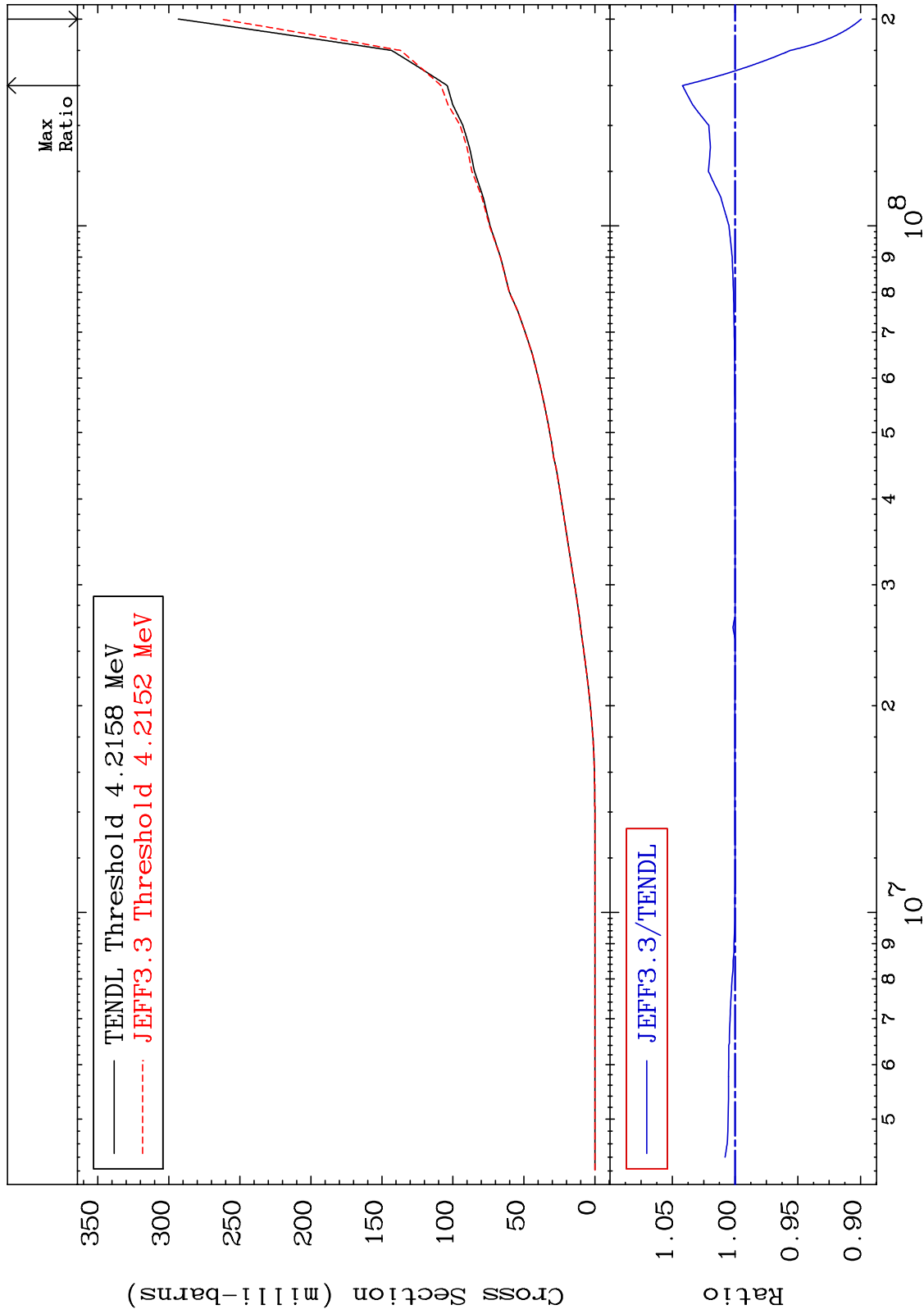
81-TI-205
-3.341 To 5.377 %



MAT 8131

Deuterium Production
Cross Section

81-Tl-205
-10.06 To 4.196 %



45

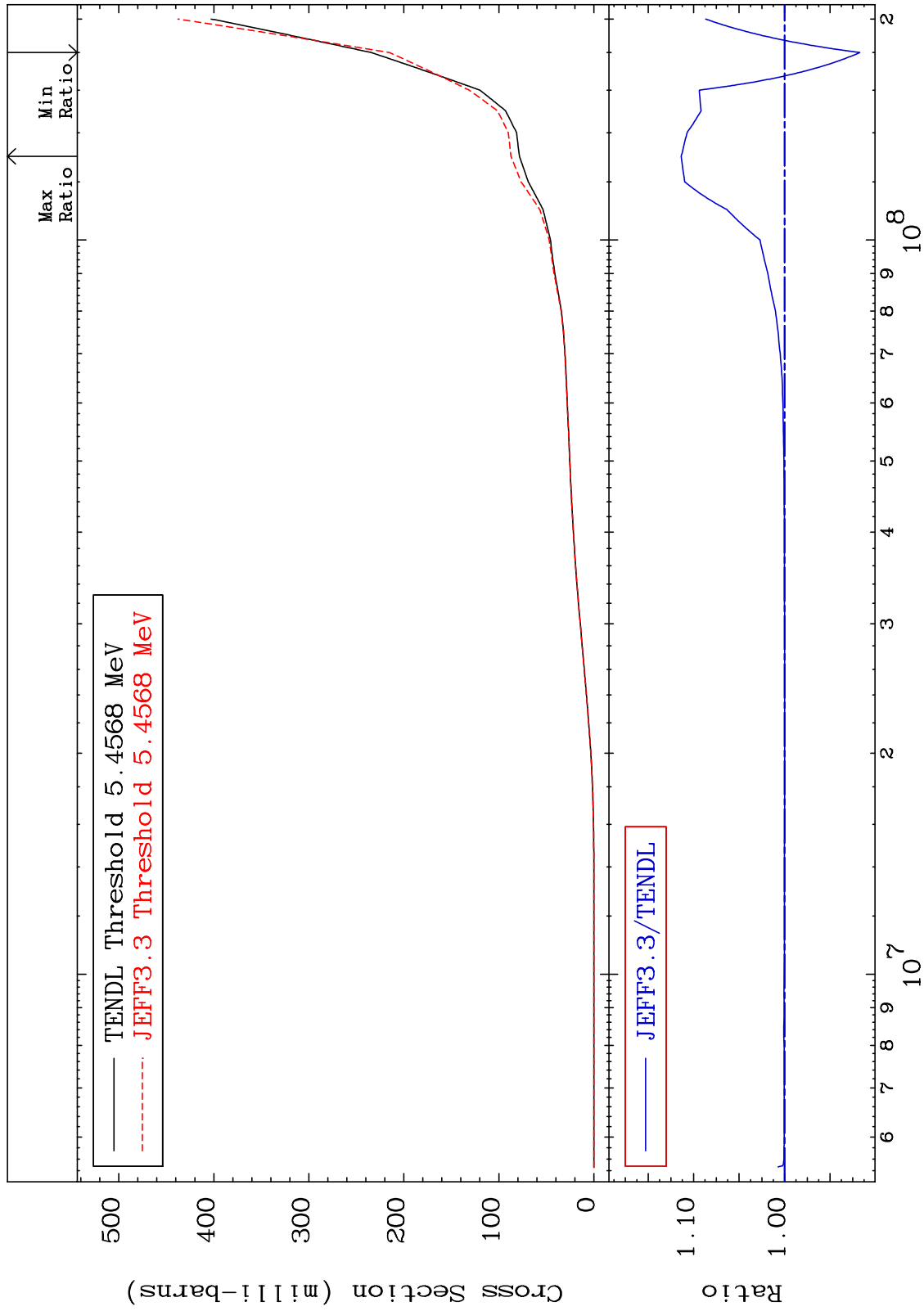
Incident Energy (eV)

81-Tl-205

MAT 8131

Tritium Production
Cross Section

81-Tl-205
-8.264 To 11.36 %



46

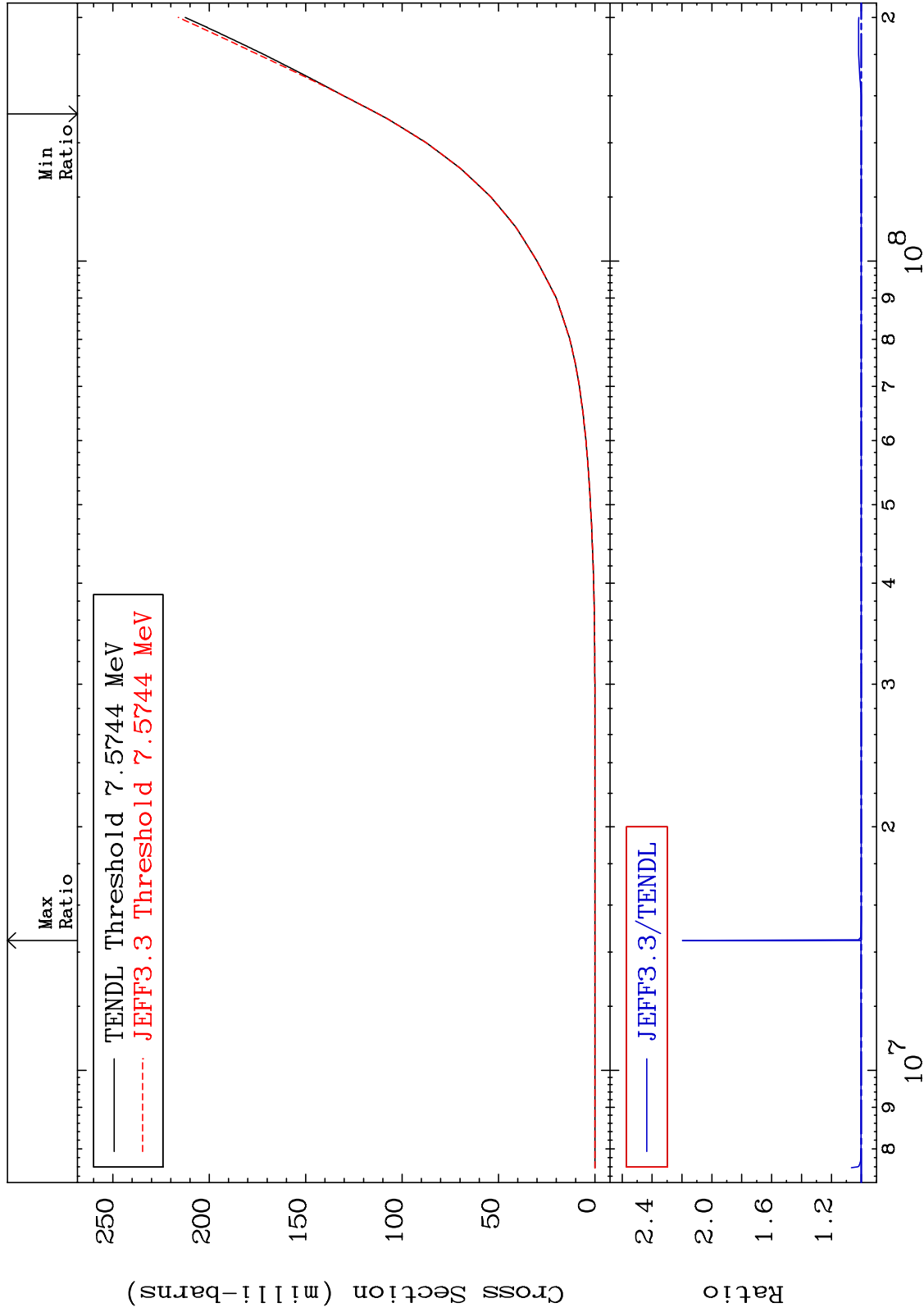
Incident Energy (eV)

81-Tl-205

MAT 8131

He-3 Production
Cross Section

81-TI-205
To 119.7 %



47

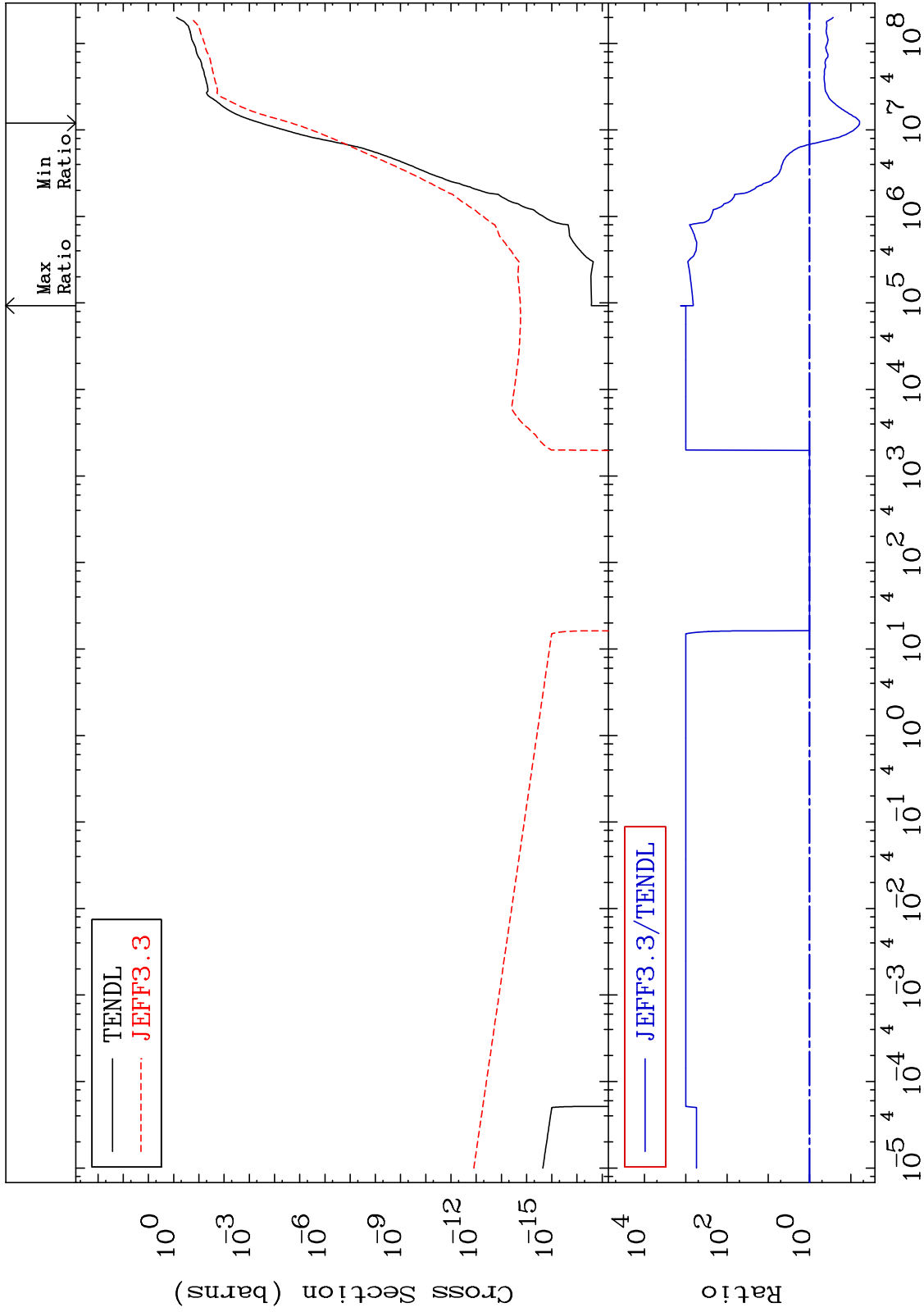
Incident Energy (eV)

81-TI-205

MAT 8131

He-4 Production
Cross Section

81-T1-205
-93.88 To 9999. %



48

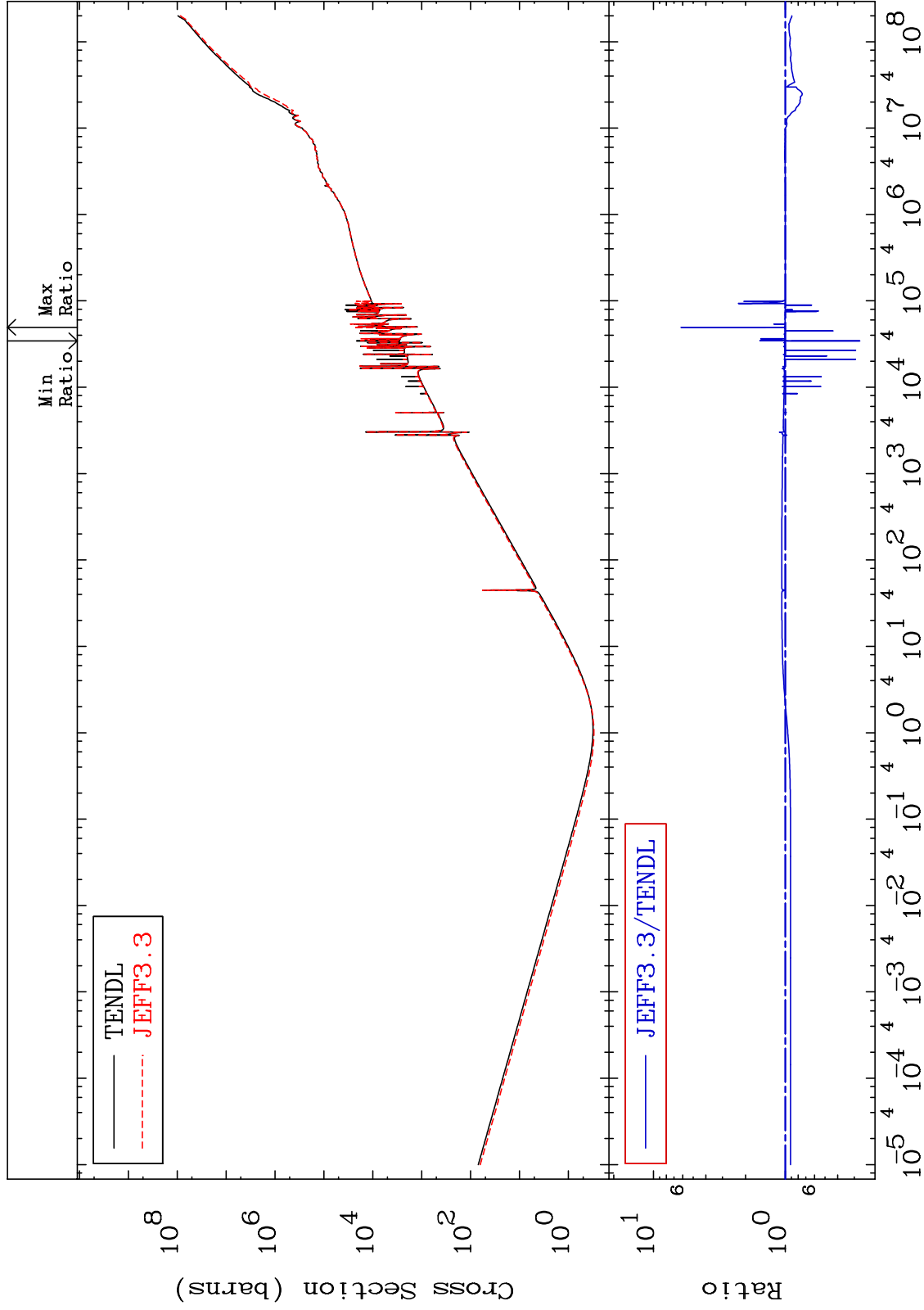
Incident Energy (eV)

81-T1-205

MAT 8131

Kerma total (eV-barns)
Cross Section

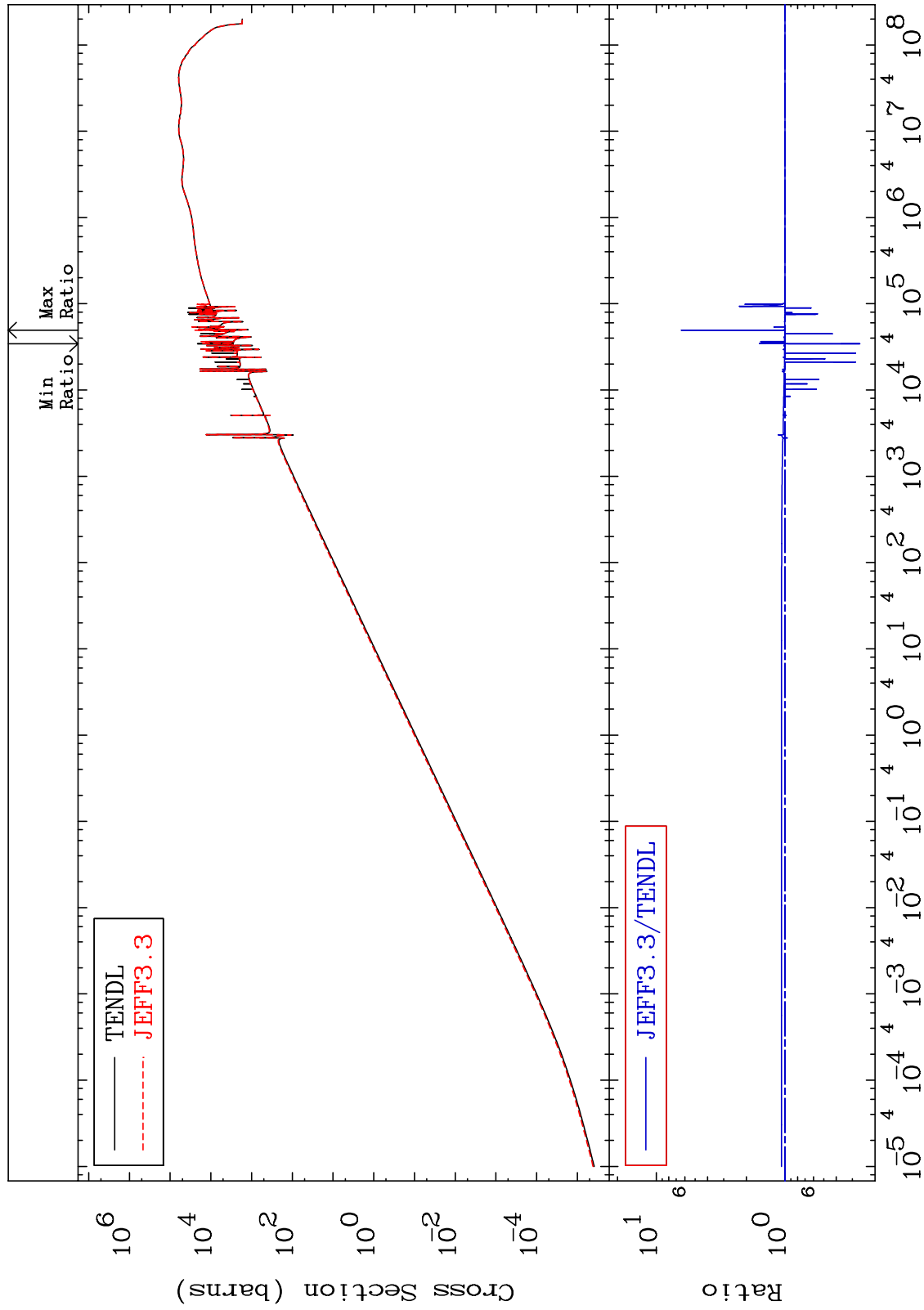
81-TI-205
-72.77 To 515.7 %



MAT 8131

Kerma elastic
Cross Section

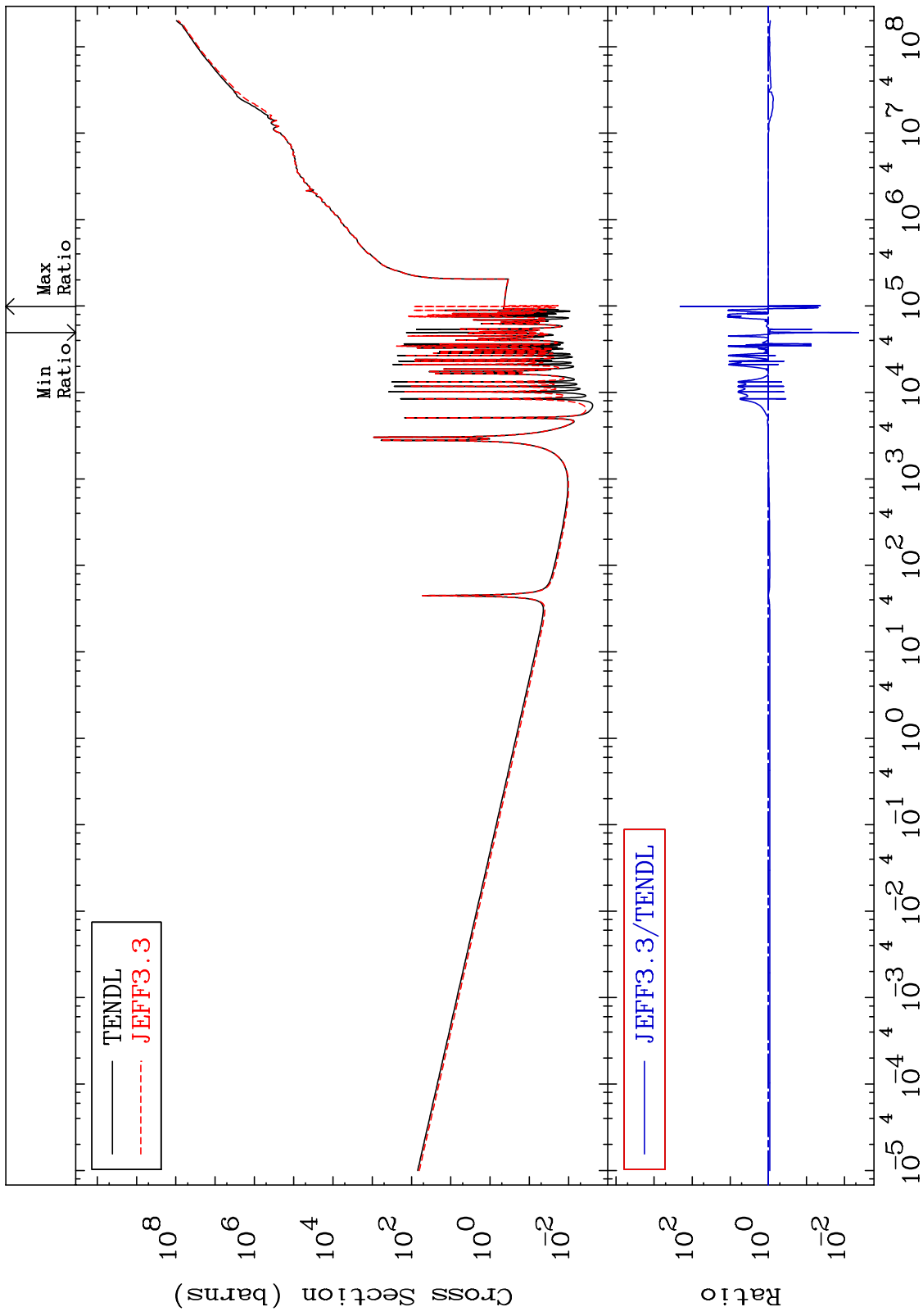
81-TI-205
-73.72 To 537.3 %

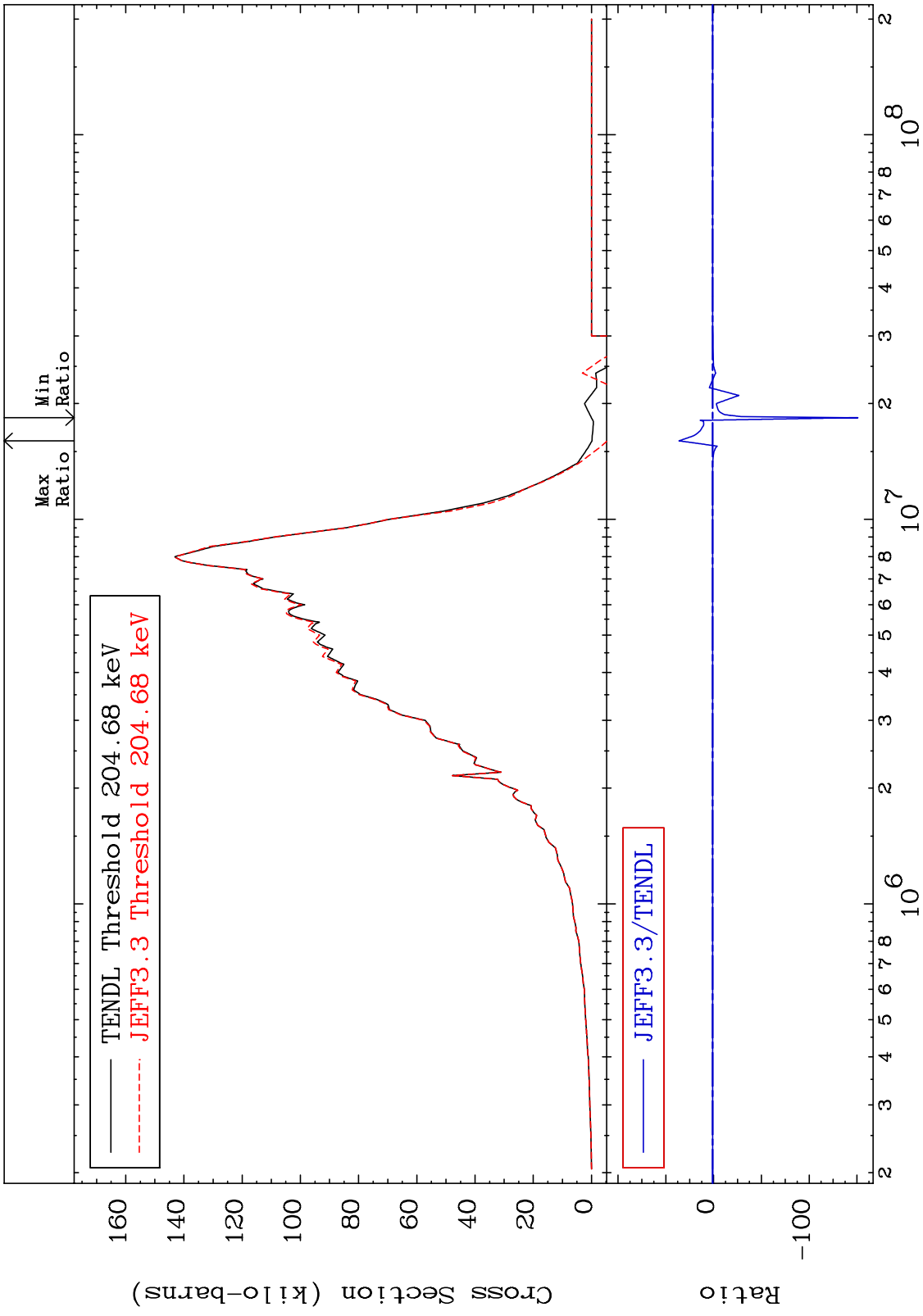


MAT 8131

Kerma non-elastic (all but mt2)
Cross Section

81-TI-205
-99.58 To 9999. %

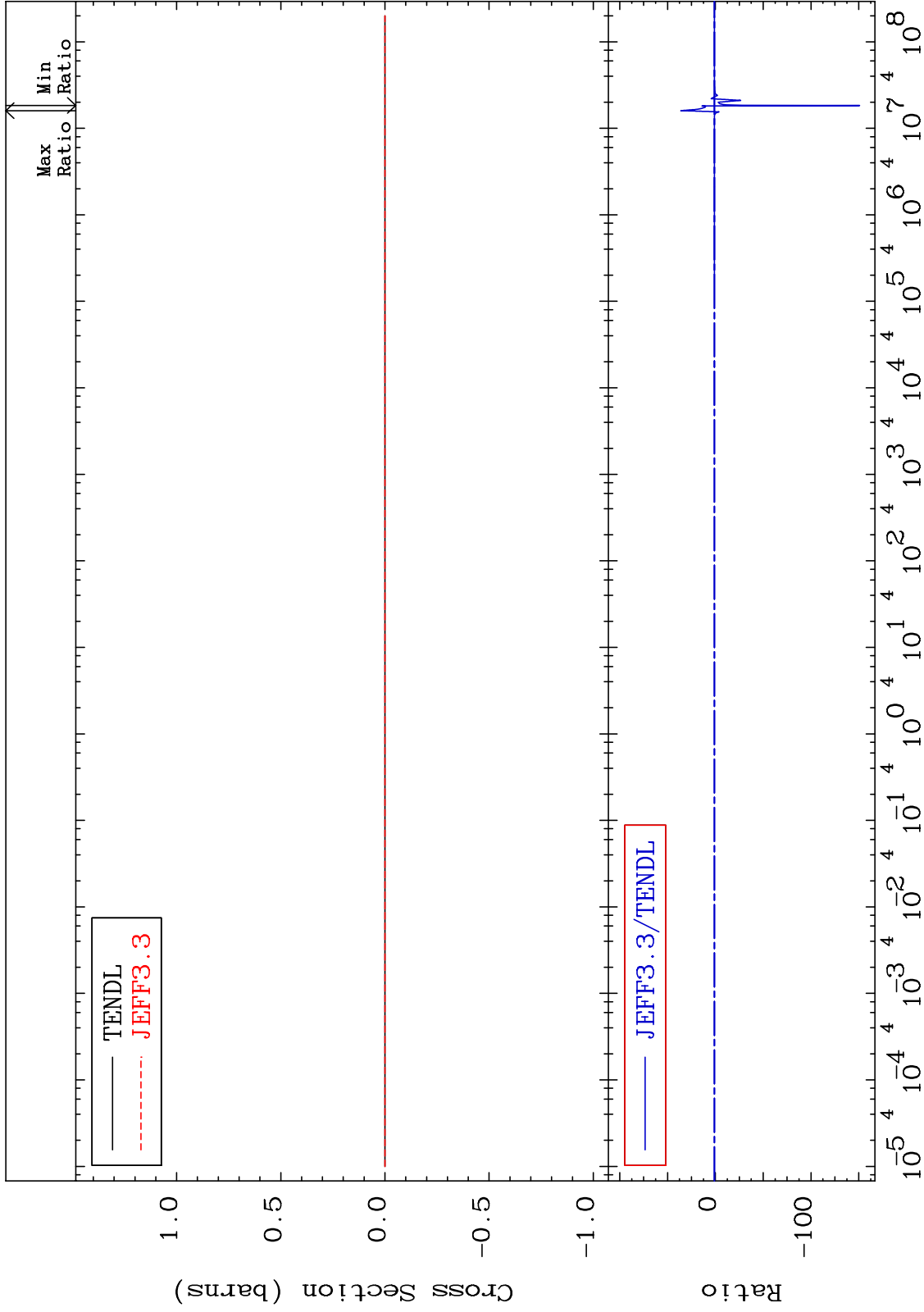




MAT 8131

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

81-T1-205
-9999. To 3513. %



53

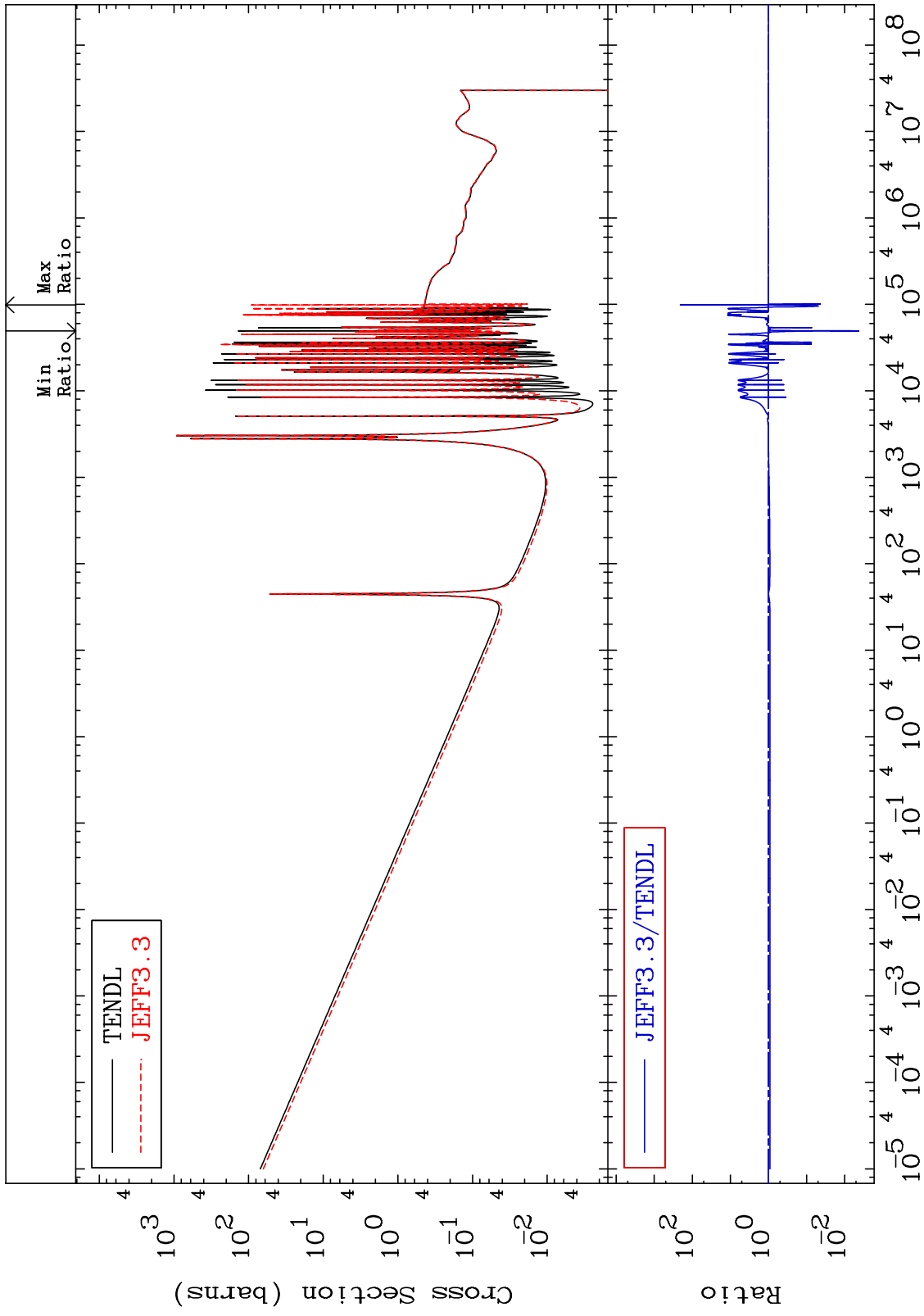
Incident Energy (eV)

81-T1-205

MAT 8131

Kerma capture (mt102)
Cross Section

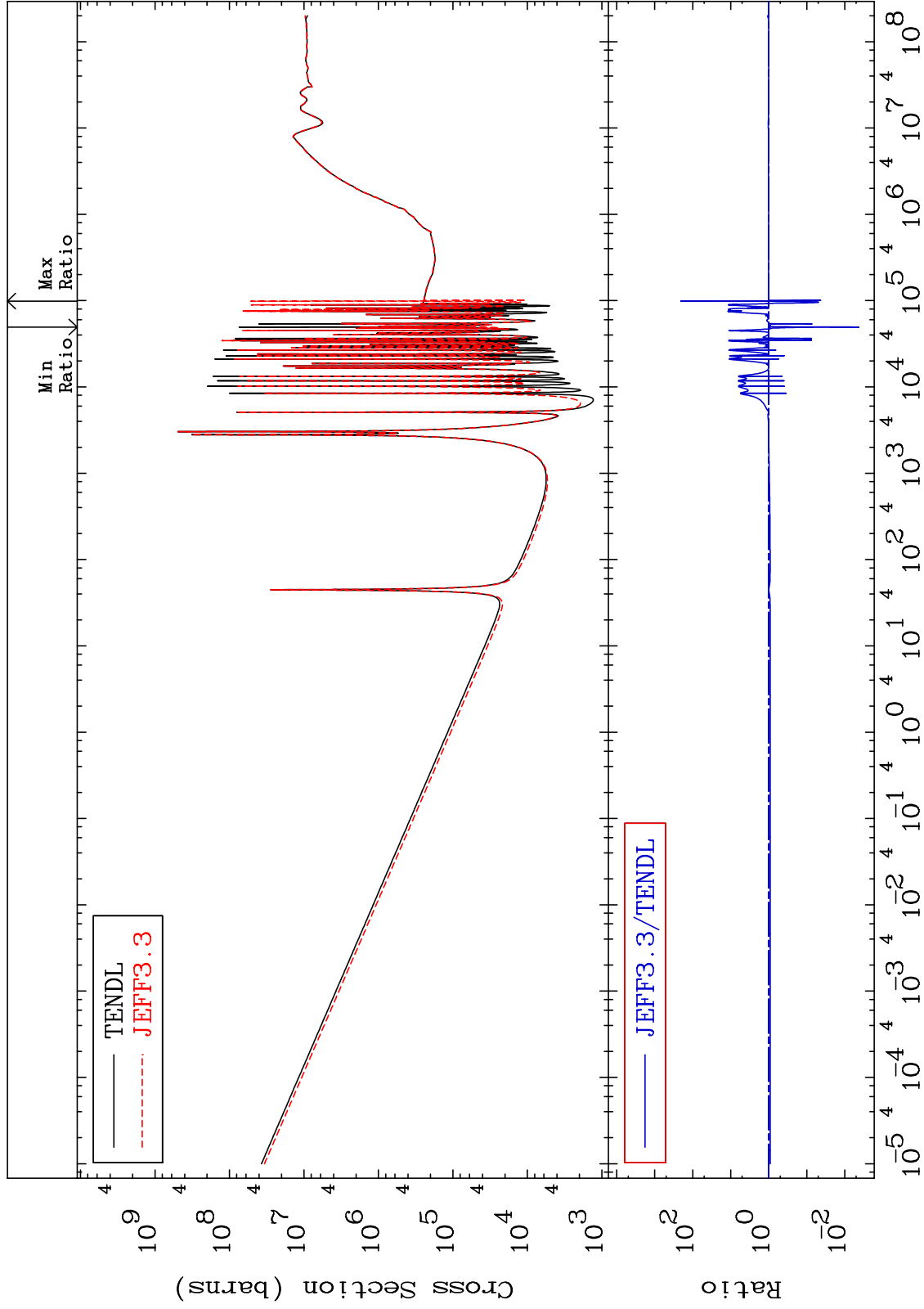
81-Tl-205
-99.58 To 9999. %



MAT 8131

Total photon (eV-barns)
Cross Section

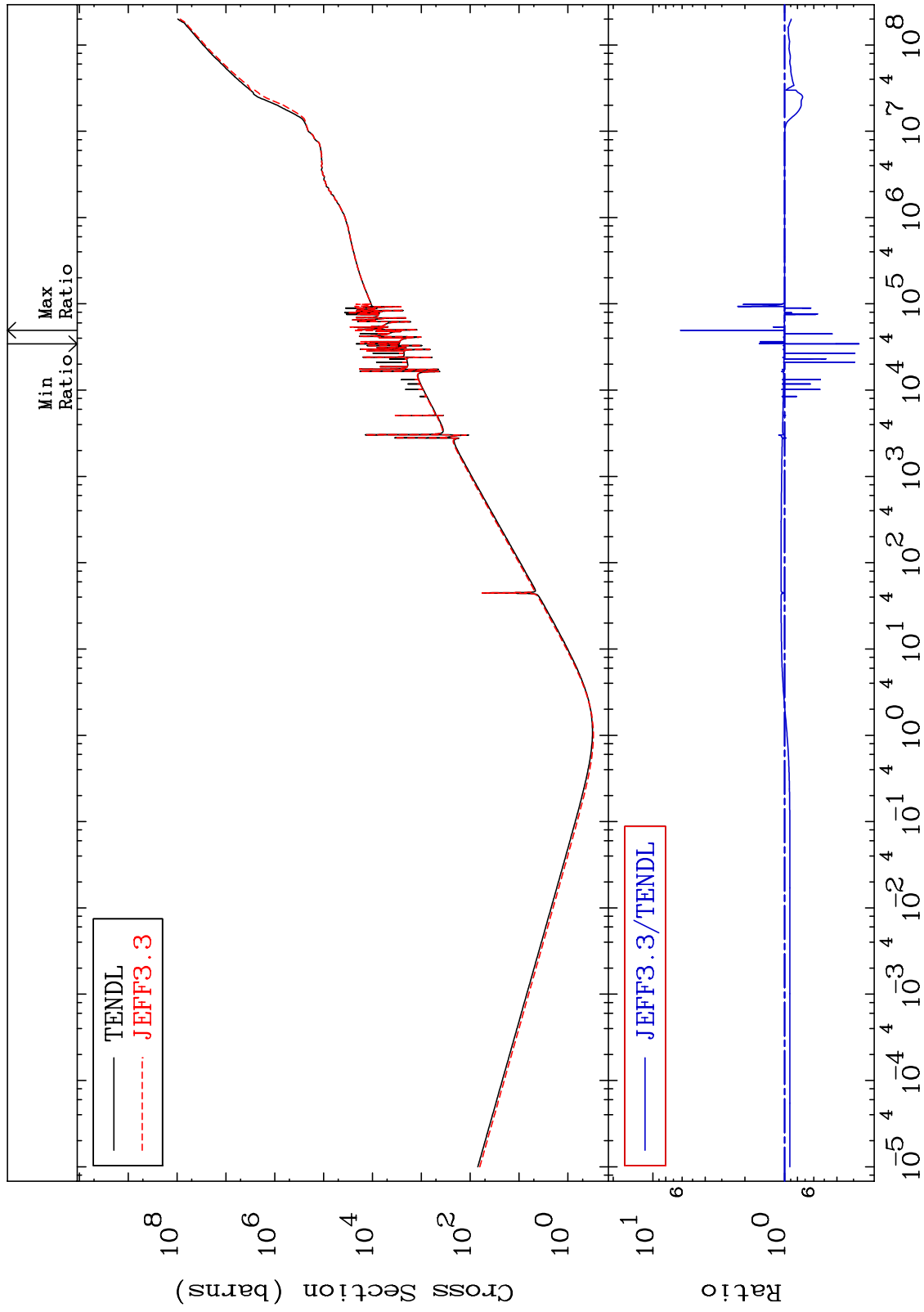
81-Tl-205
-99.58 To 9999. %



MAT 8131

Total kinematic kerma (high limit)
Cross Section

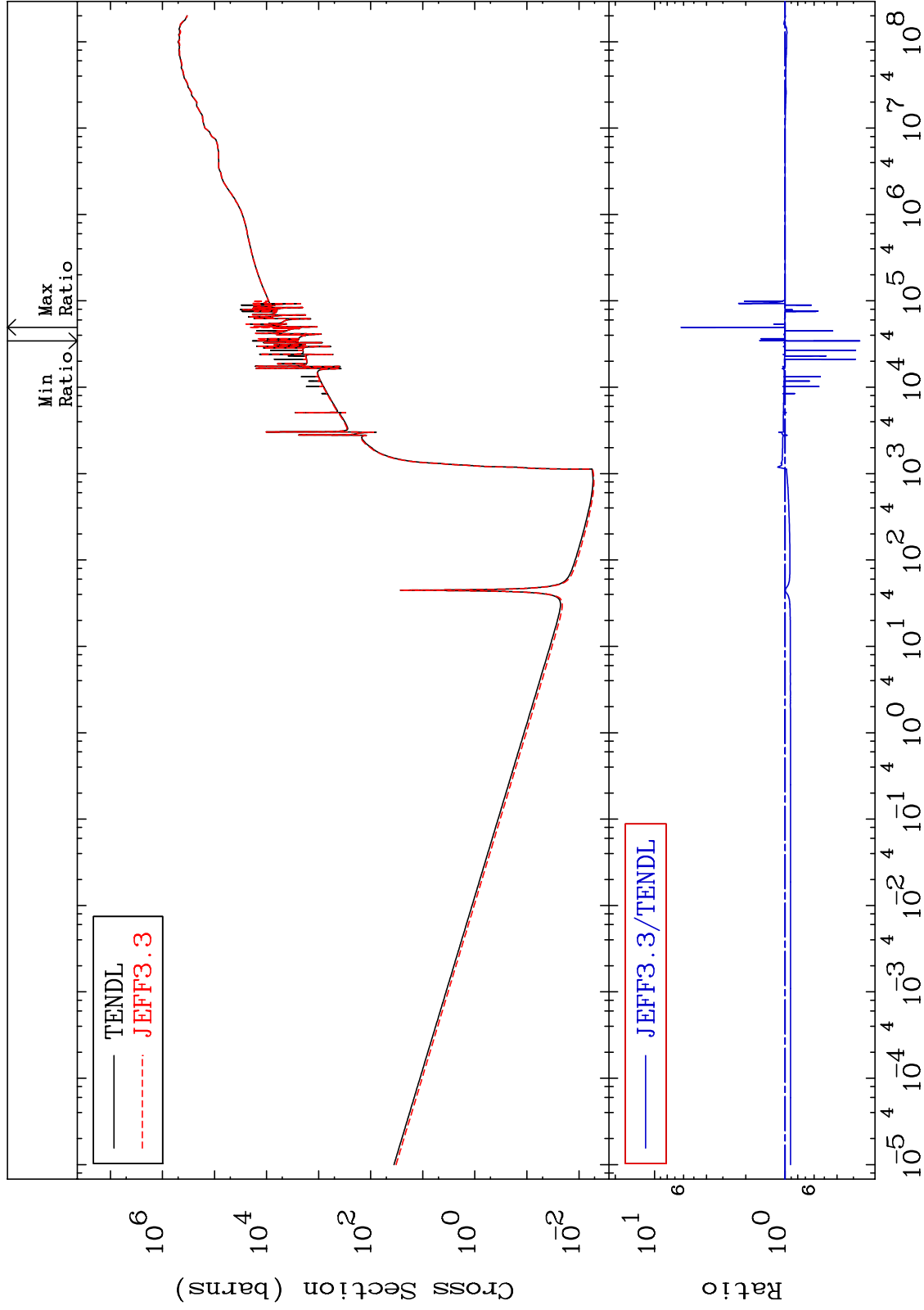
81-TI-205
-72.77 To 515.7 %



MAT 8131

Dpa total (eV-barns)
Cross Section

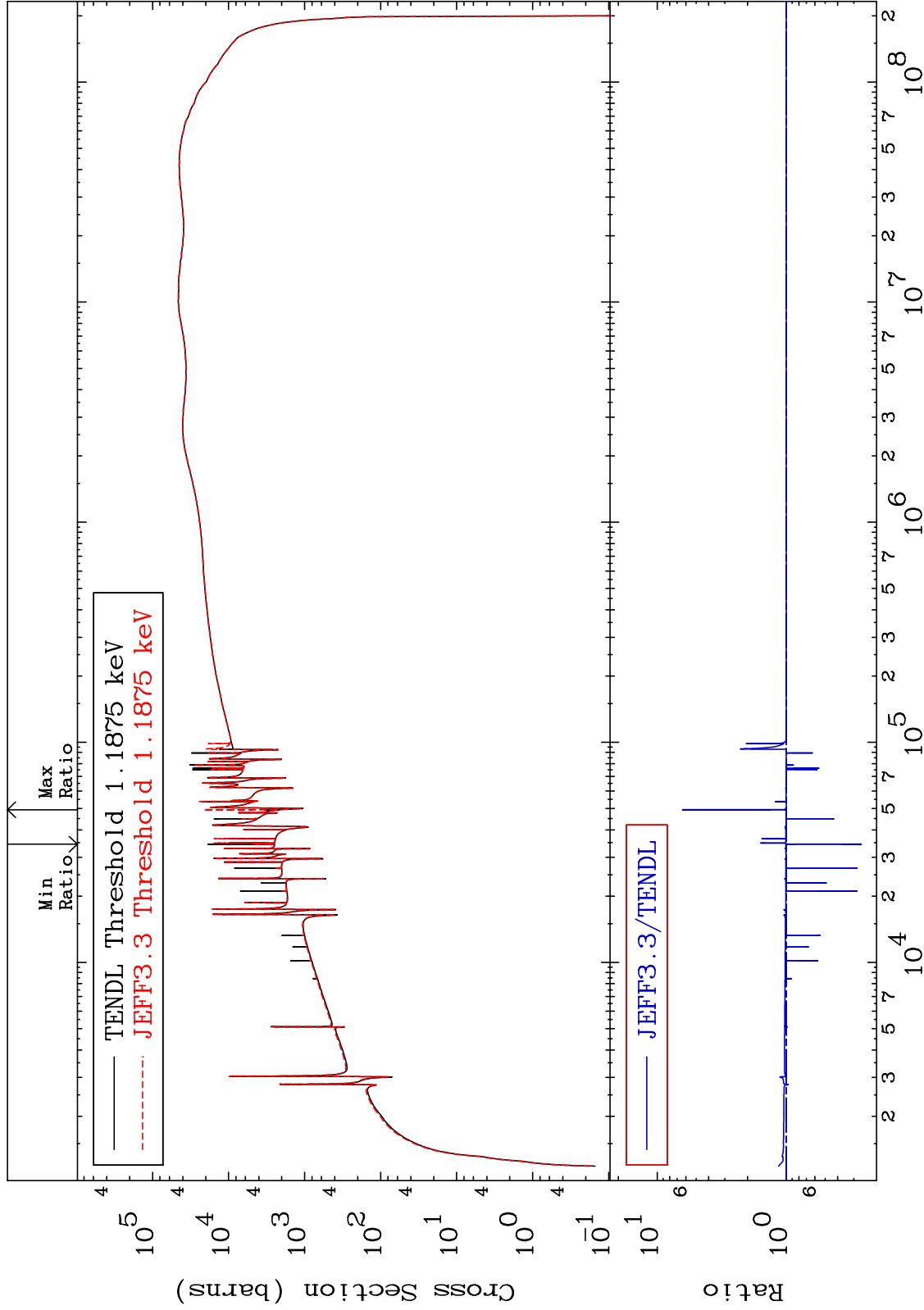
81-TI-205
-73.17 To 524.7 %



MAT 8131

Dpa elastic (mt2)
Cross Section

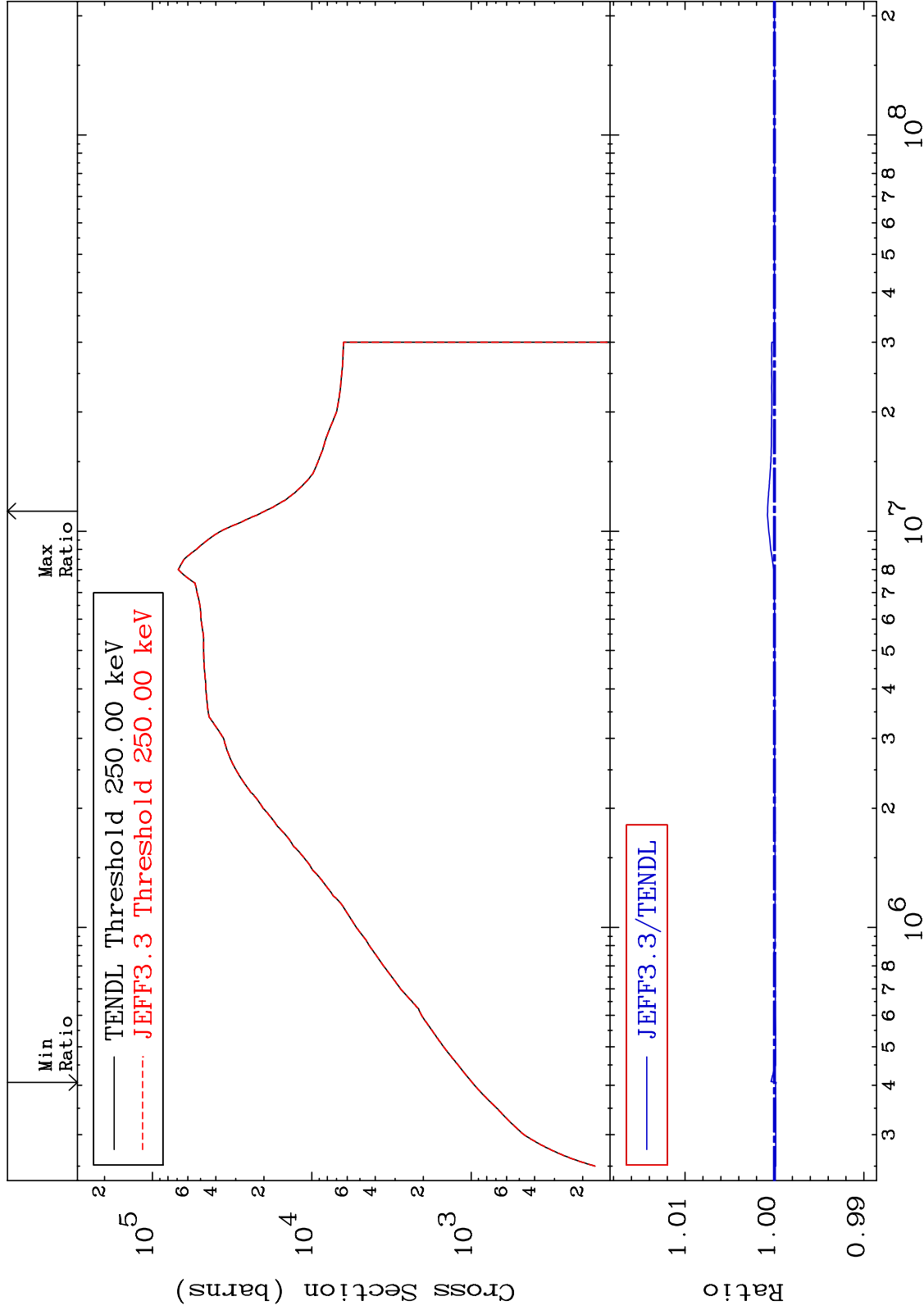
81-Tl-205
-73.72 To 537.3 %



MAT 8131

Dpa inelastic (mt51-91)
Cross Section

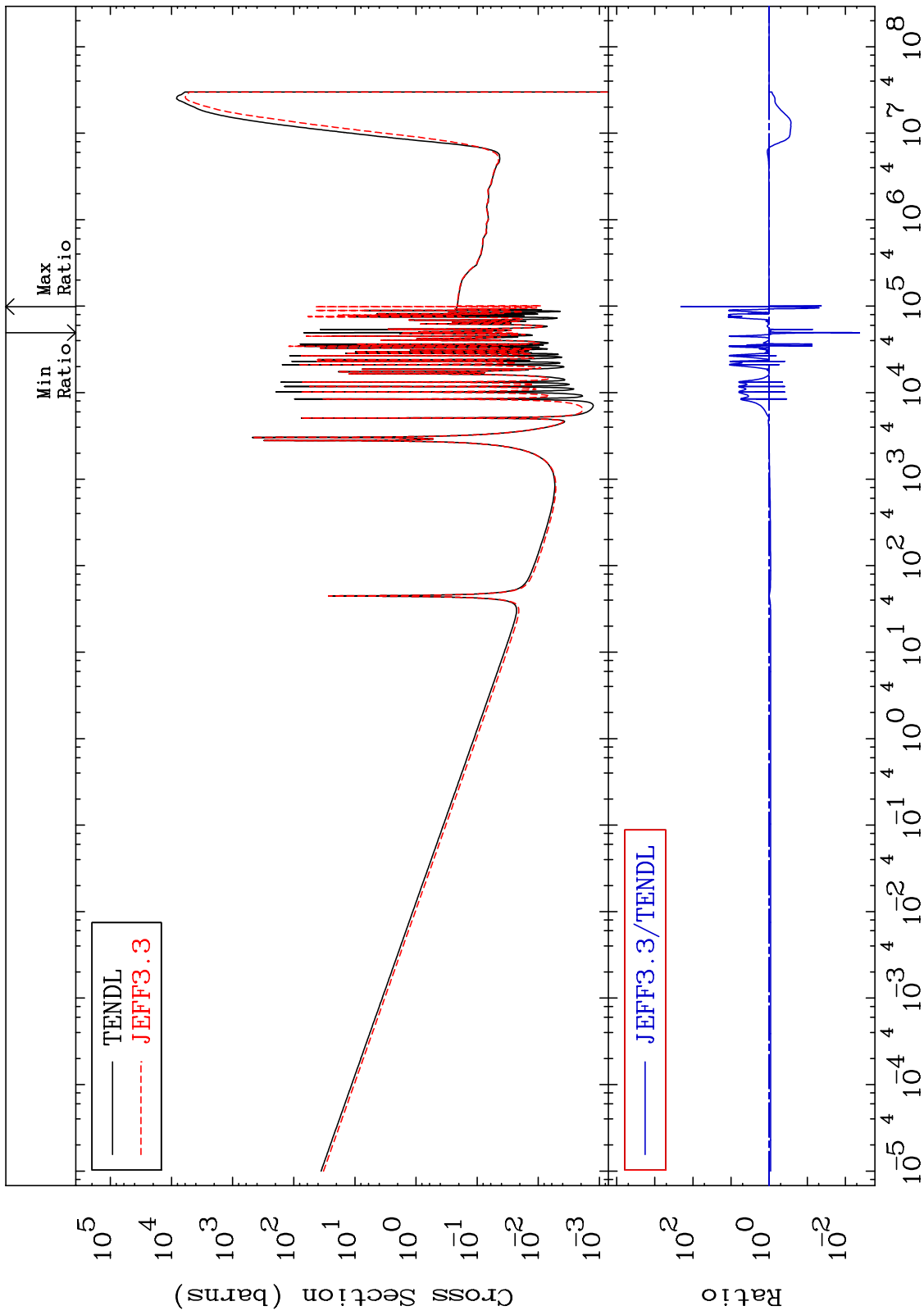
81-TI-205
-0.020 To 0.078 %



MAT 8131

Dpa disappearance (mt102 -120)
Cross Section

81-TI-205
-99.58 To 9999. %

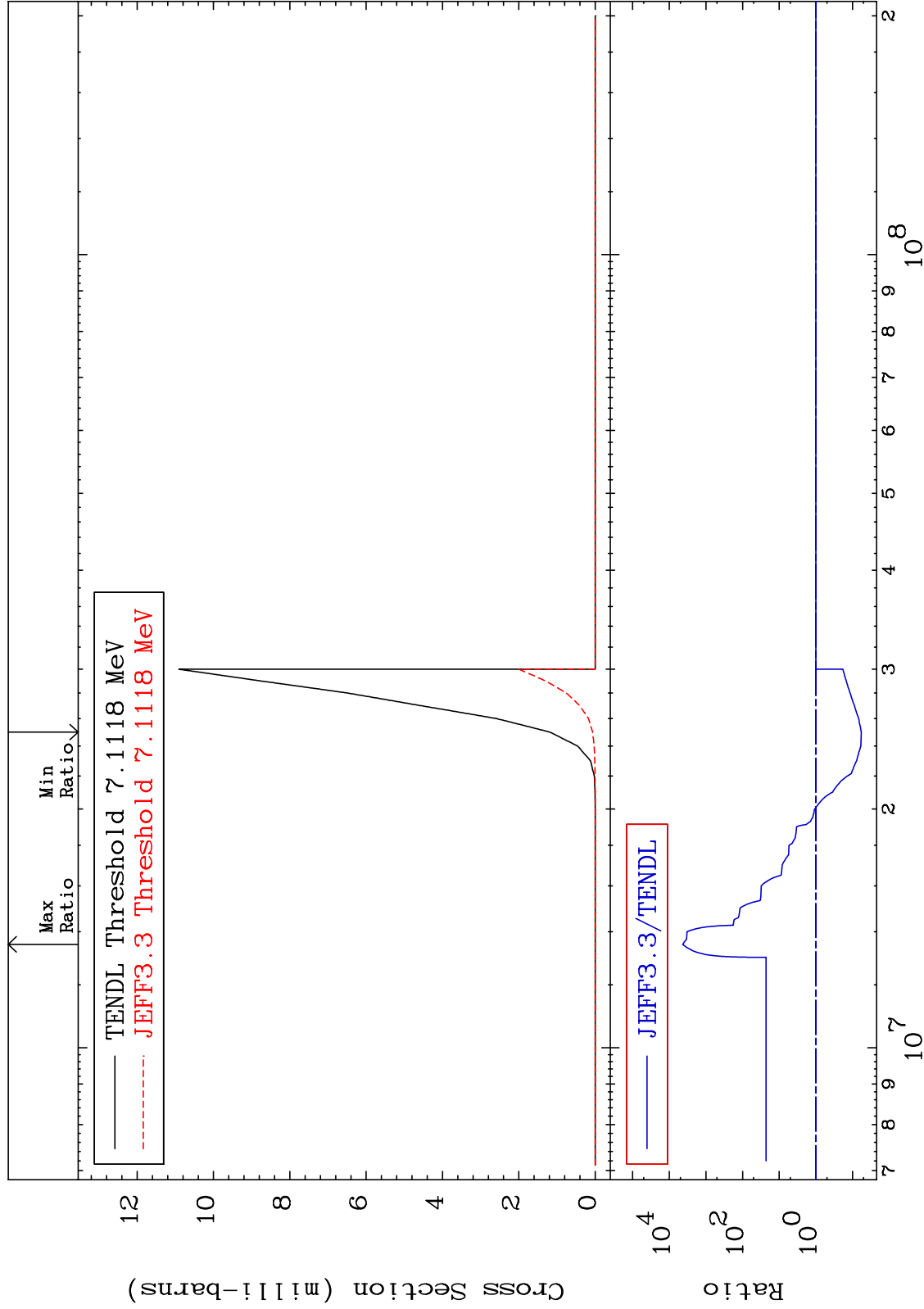


MAT 8131

(n,2n) α : 79-Au-200g

81-Tl-205

Radionuclide Production Cross Section -94.26 To 9999. %



61

Incident Energy (eV)

81-Tl-205