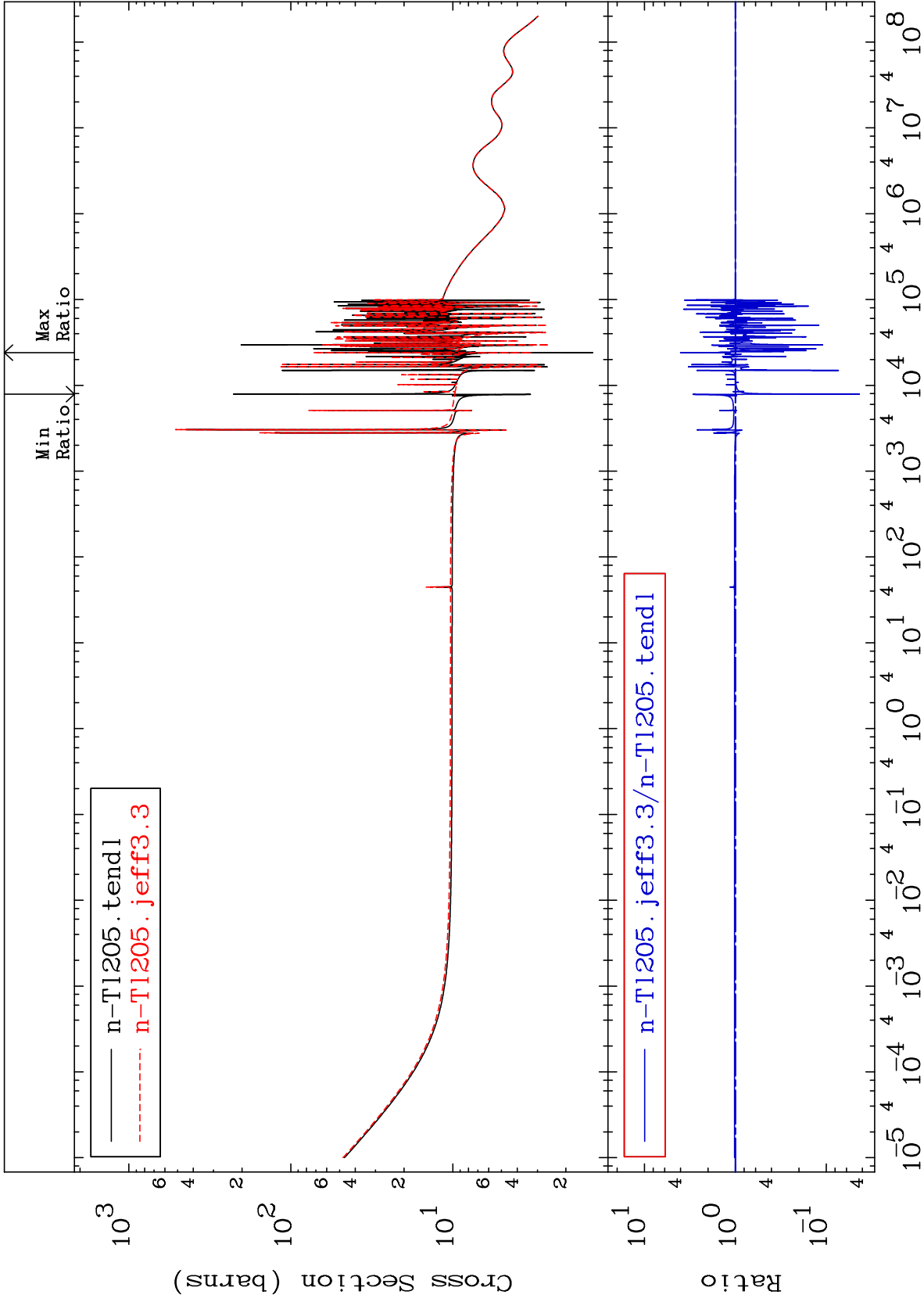


MAT 8131

Total
Cross Section

81-T1-205
-95.69 To 302.6 %



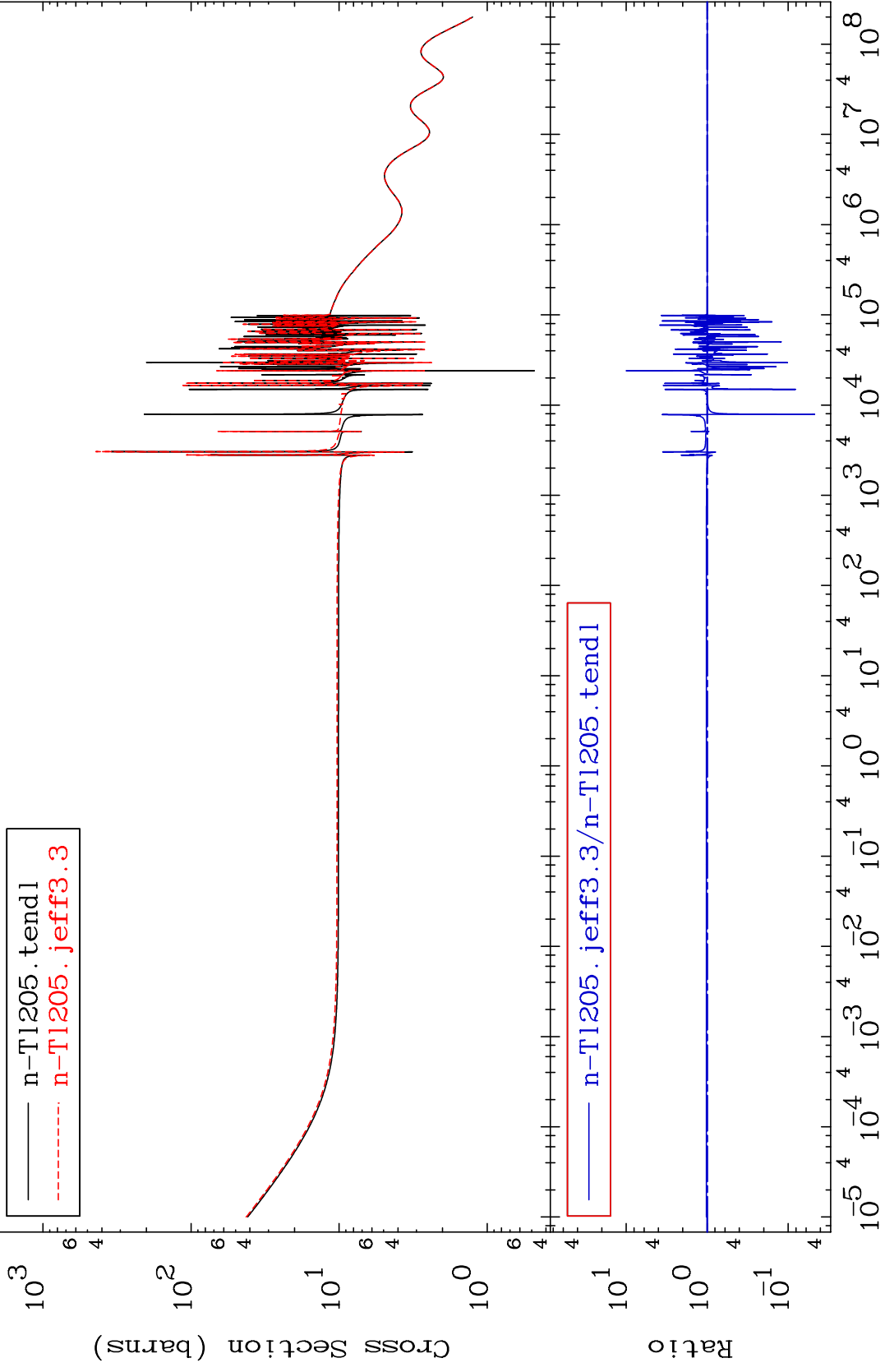
Incident Energy (eV)

81-T1-205

MAT 8131

Elastic
Cross Section

81-T1-205
-95.30 To 893.9 %



Incident Energy (eV)

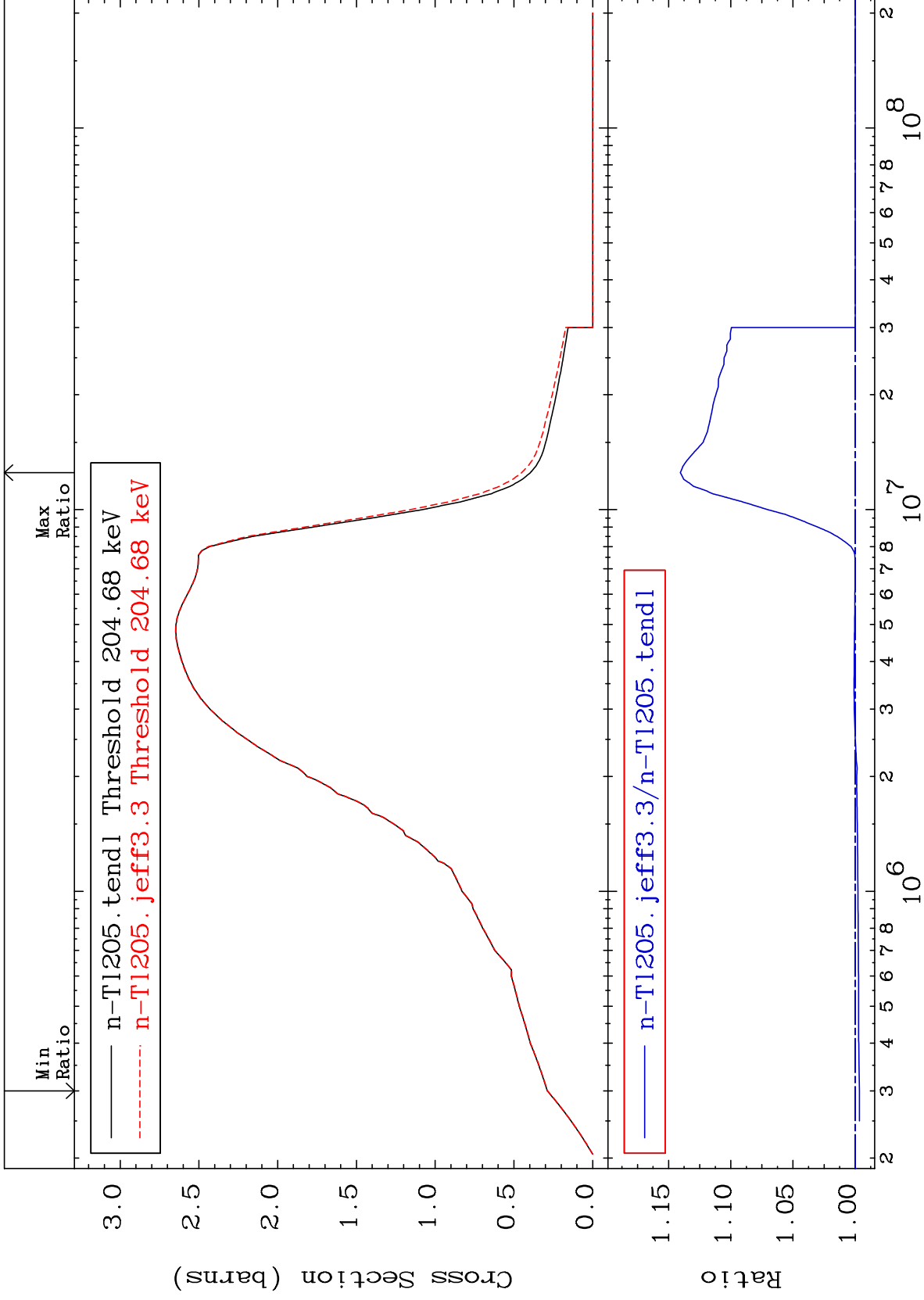
81-T1-205

2

MAT 8131

Inelastic
Cross Section

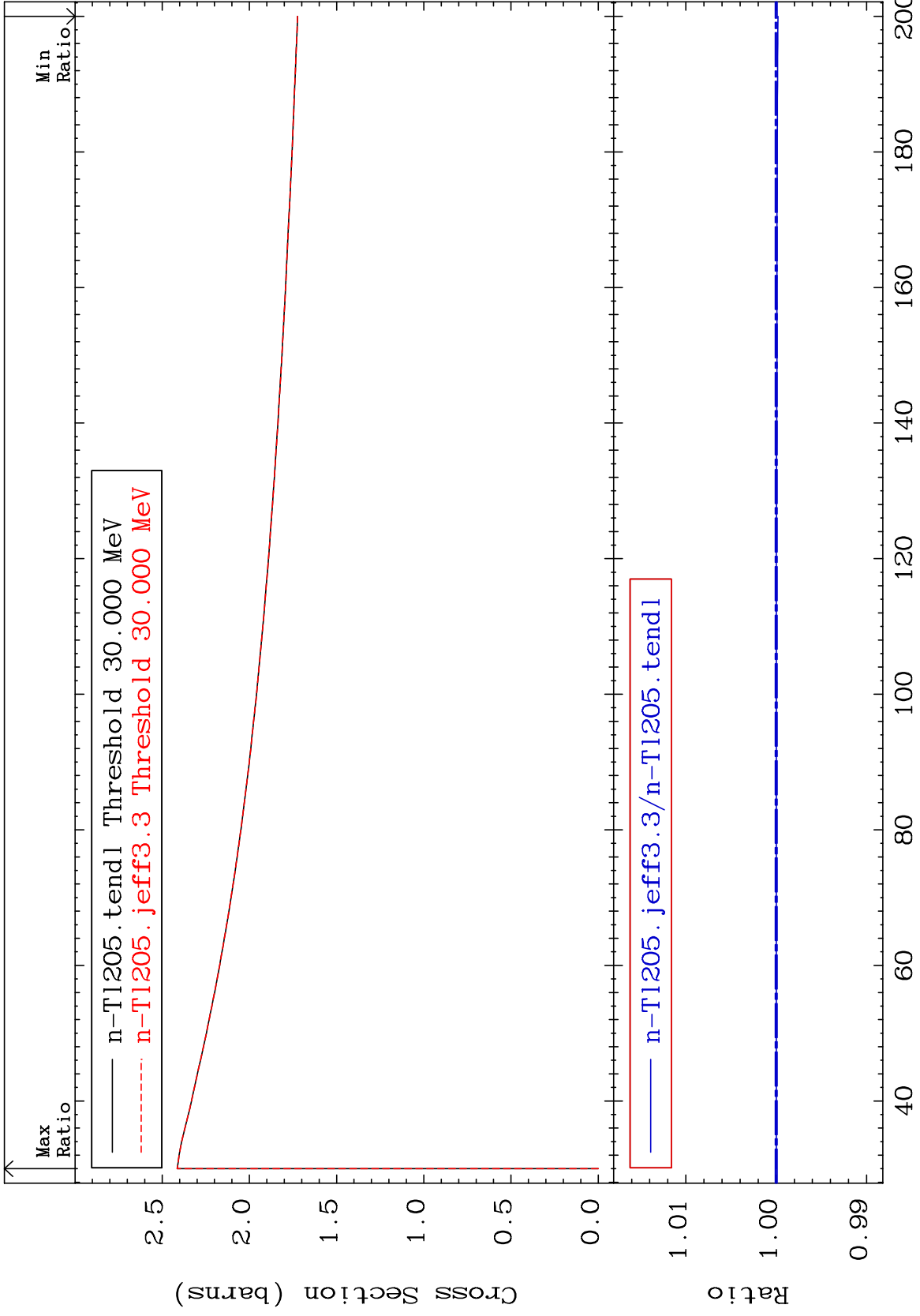
81-Tl-205
-0.338 To 14.05 %

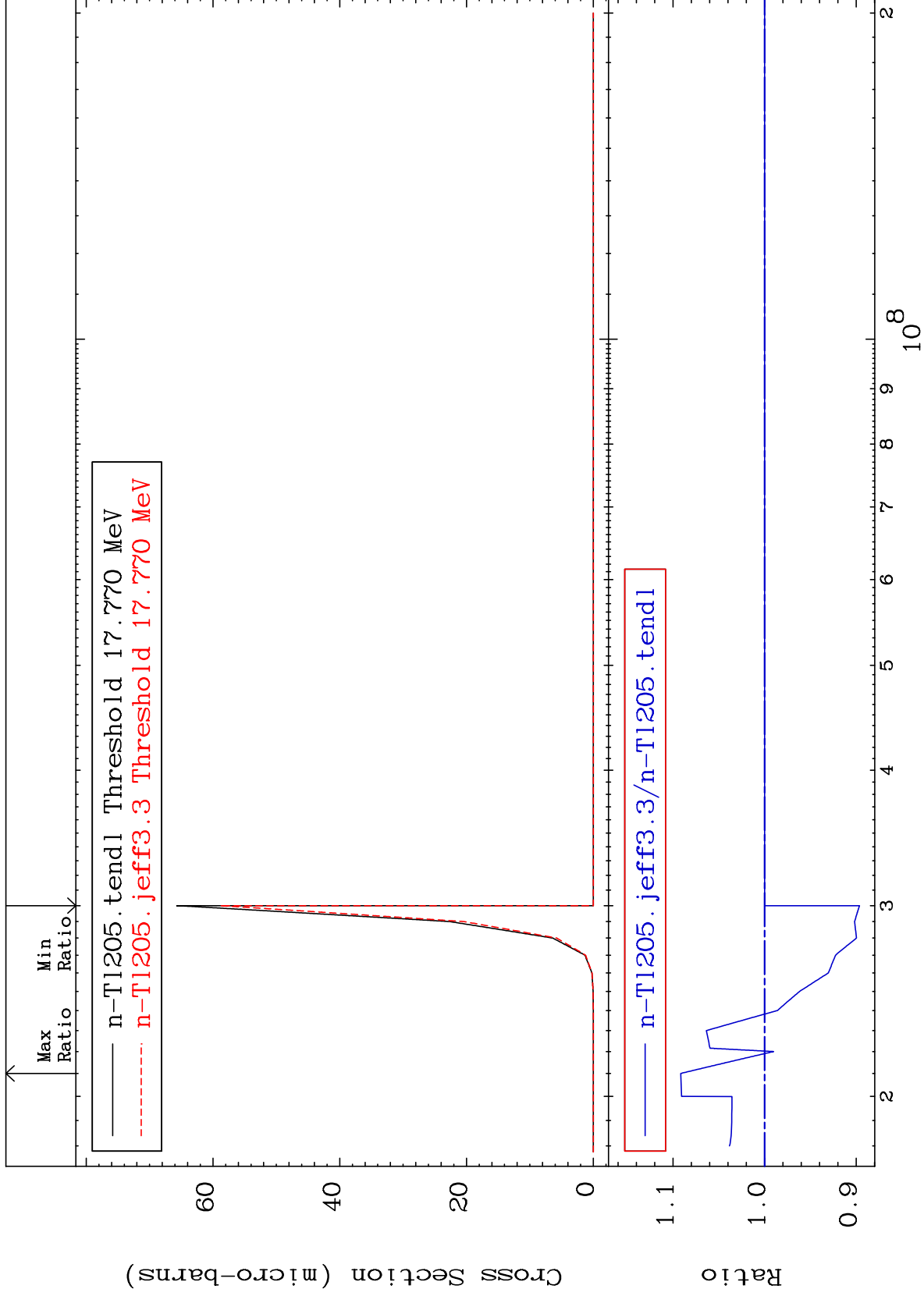


MAT 8131

(n, remainder)
Cross Section

81-Tl-205
-0.018 To 0.000 %





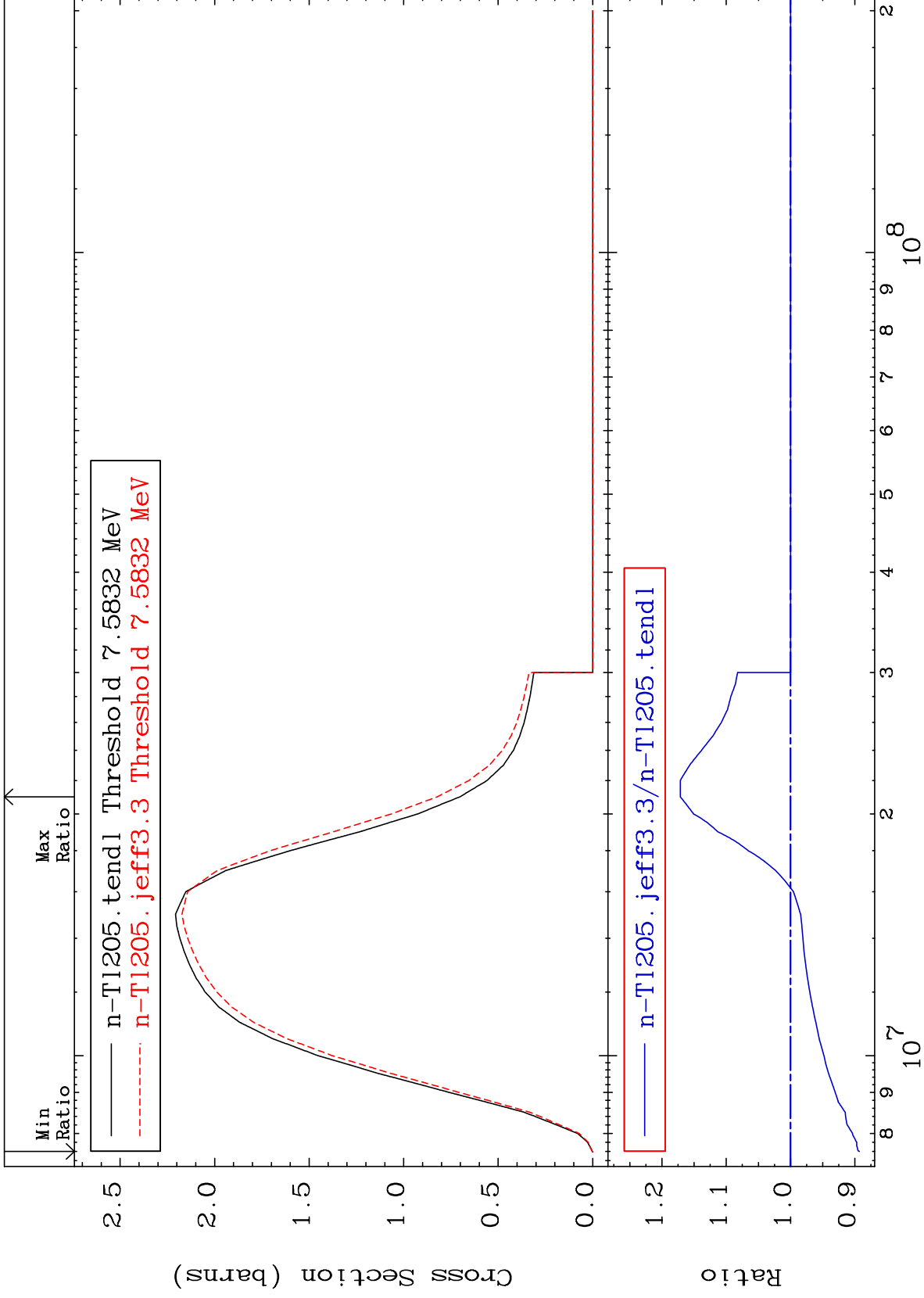
MAT 8131

(n,2n)

81-Tl-205

Cross Section

-10.71 To 17.14 %



6

Incident Energy (eV)

81-Tl-205

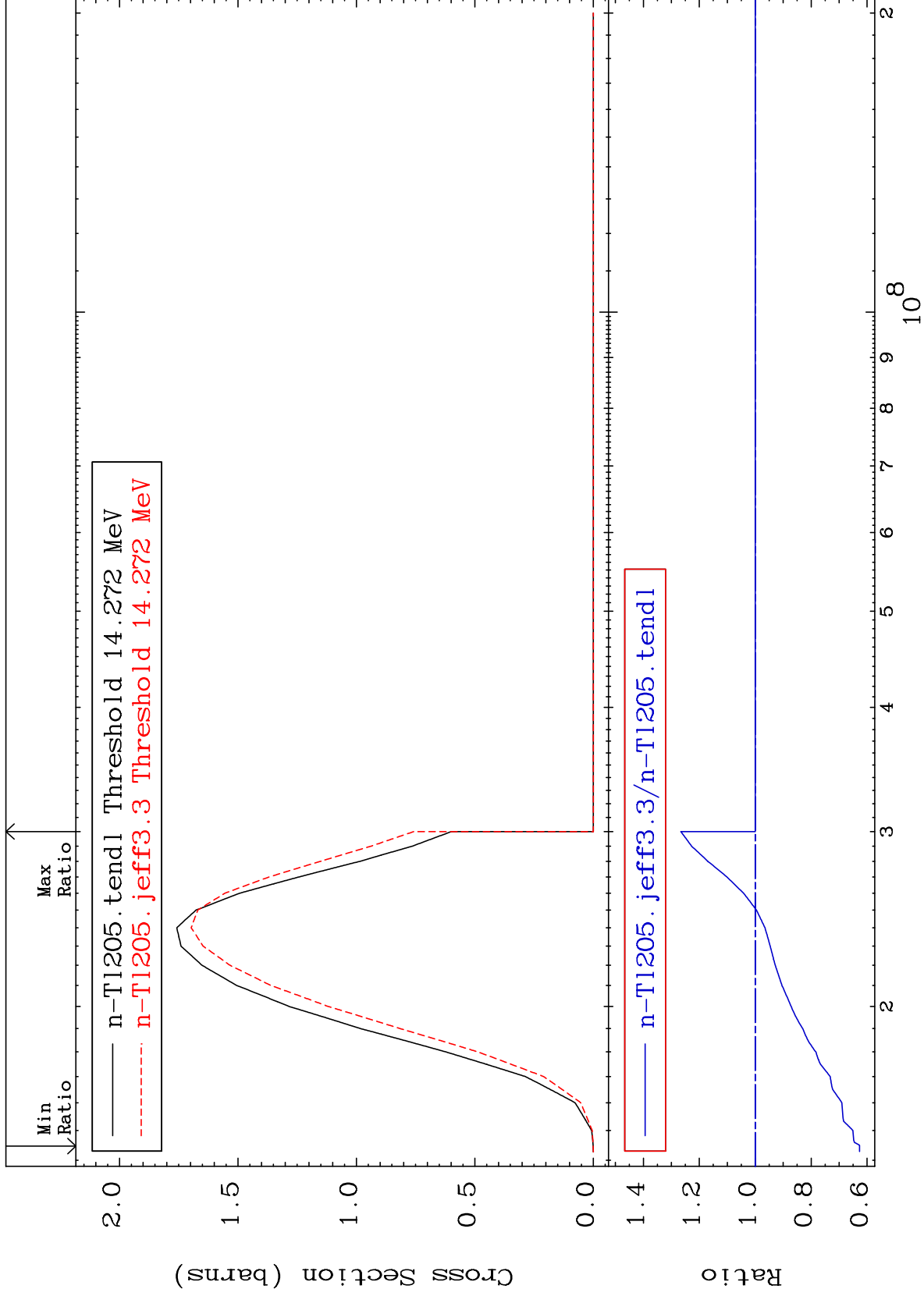
MAT 8131

(n,3n)

81-Tl-205

Cross Section

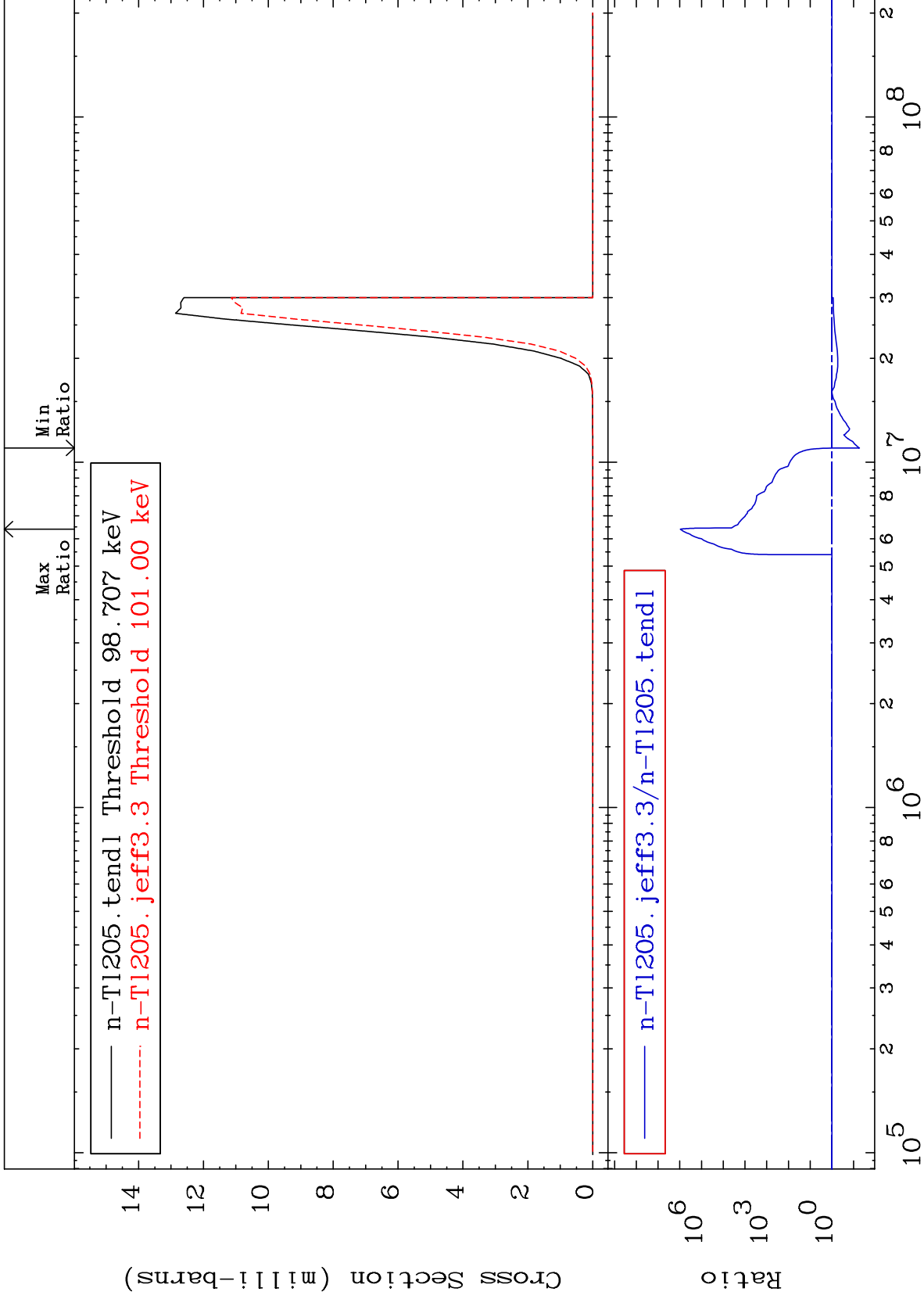
-37.30 To 26.63 %



MAT 8131

$(n, n') \alpha$
Cross Section

81-Tl-205
-94.57 To 9999. %



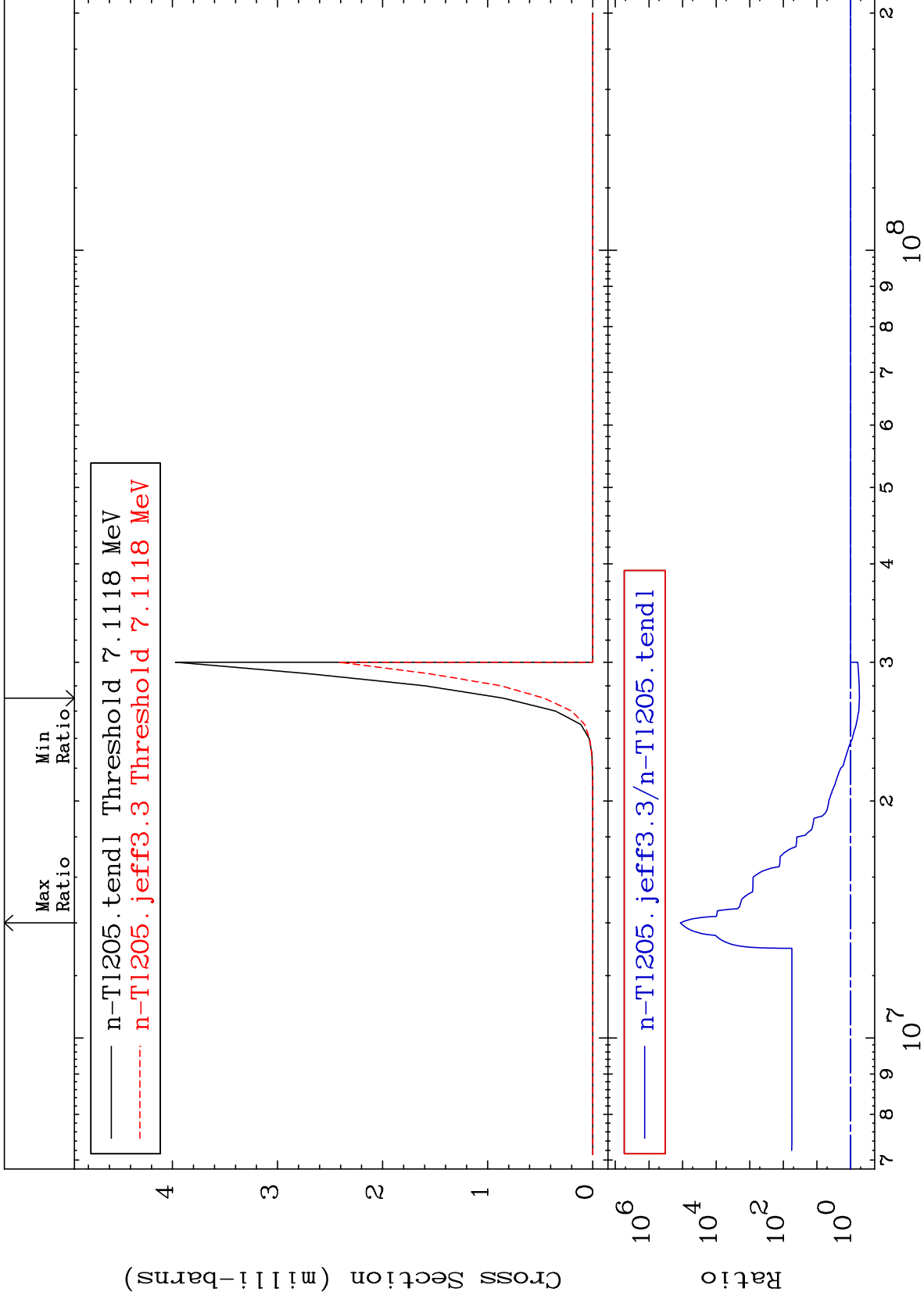
Incident Energy (eV)

81-Tl-205

MAT 8131

(n,2n) α
Cross Section

81-Tl-205
-45.71 To 9999. %



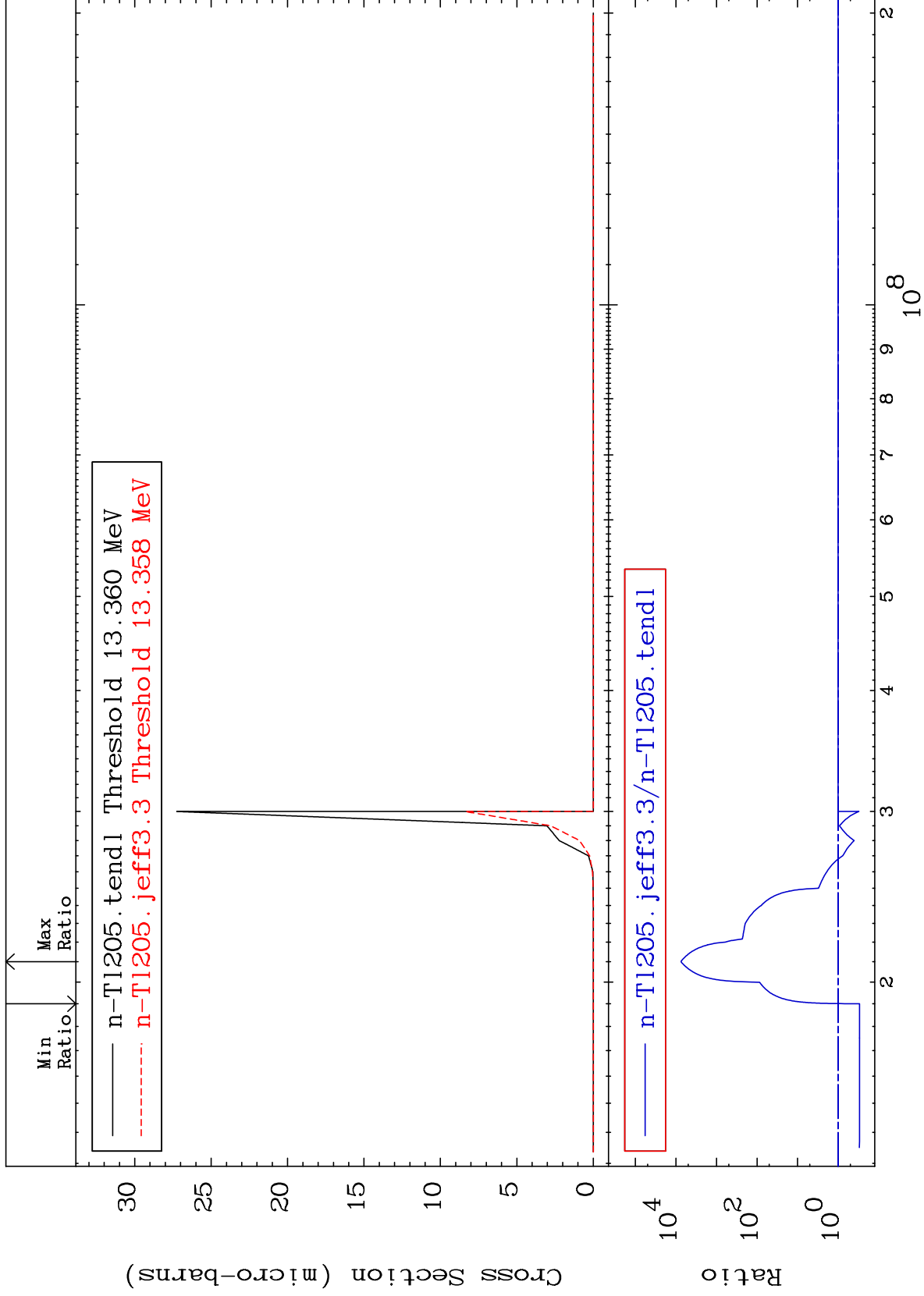
9

81-Tl-205

MAT 8131

(n,3n) α
Cross Section

81-Tl-205
-70.37 To 9999. %



10

Incident Energy (eV)

81-Tl-205

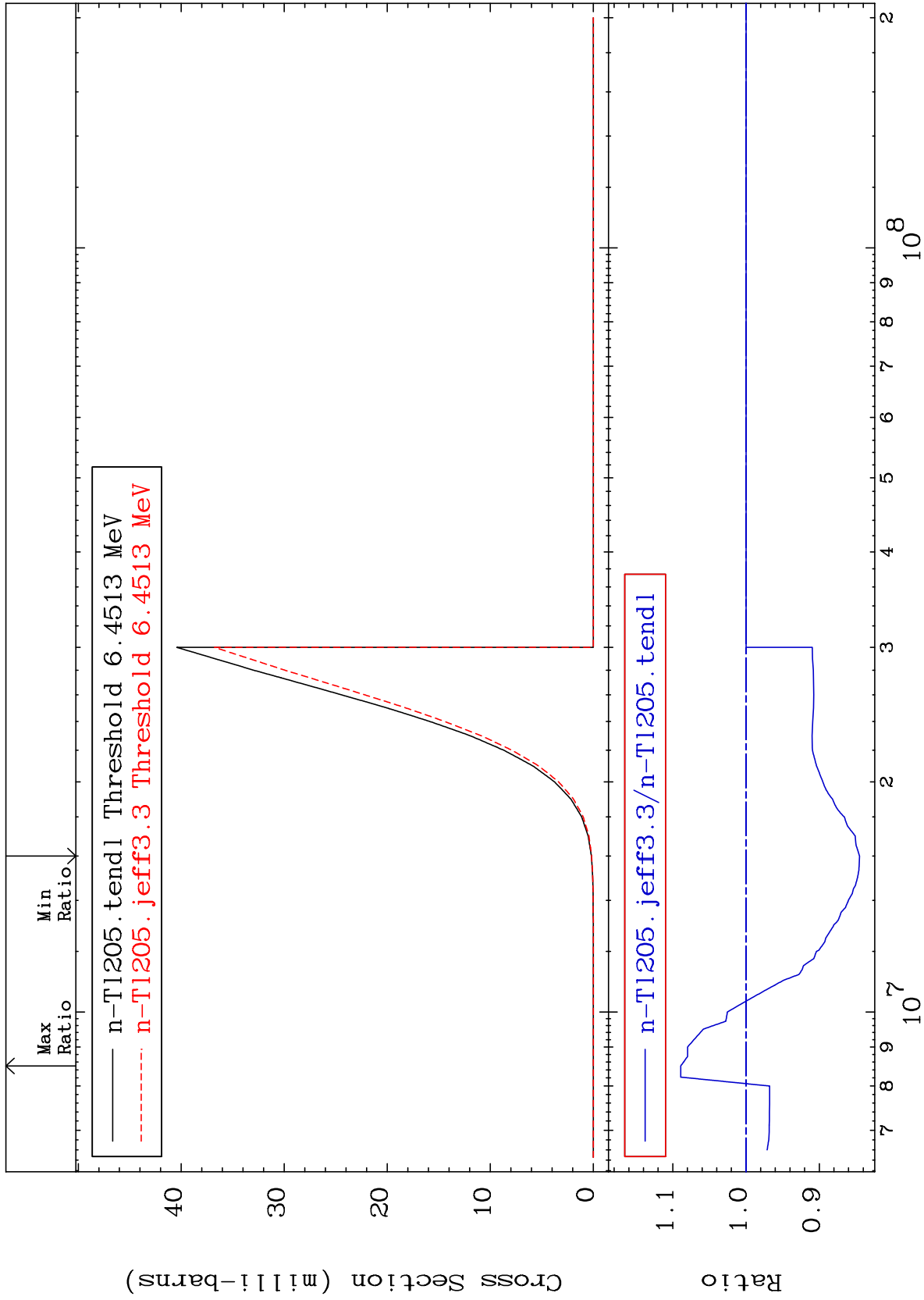
MAT 8131

(n,n') p

81-Tl-205

Cross Section

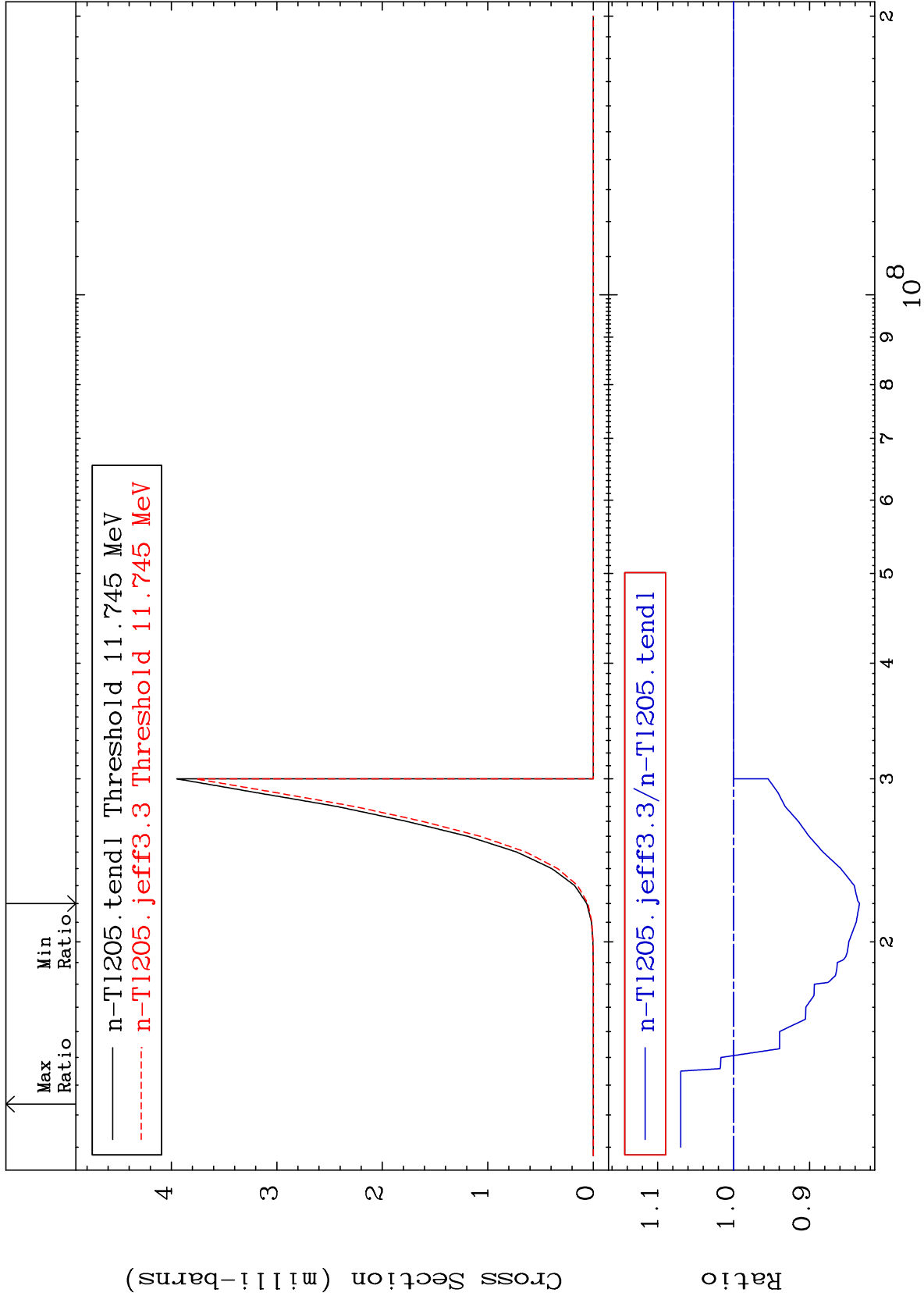
-15.50 To 8.908 %



11

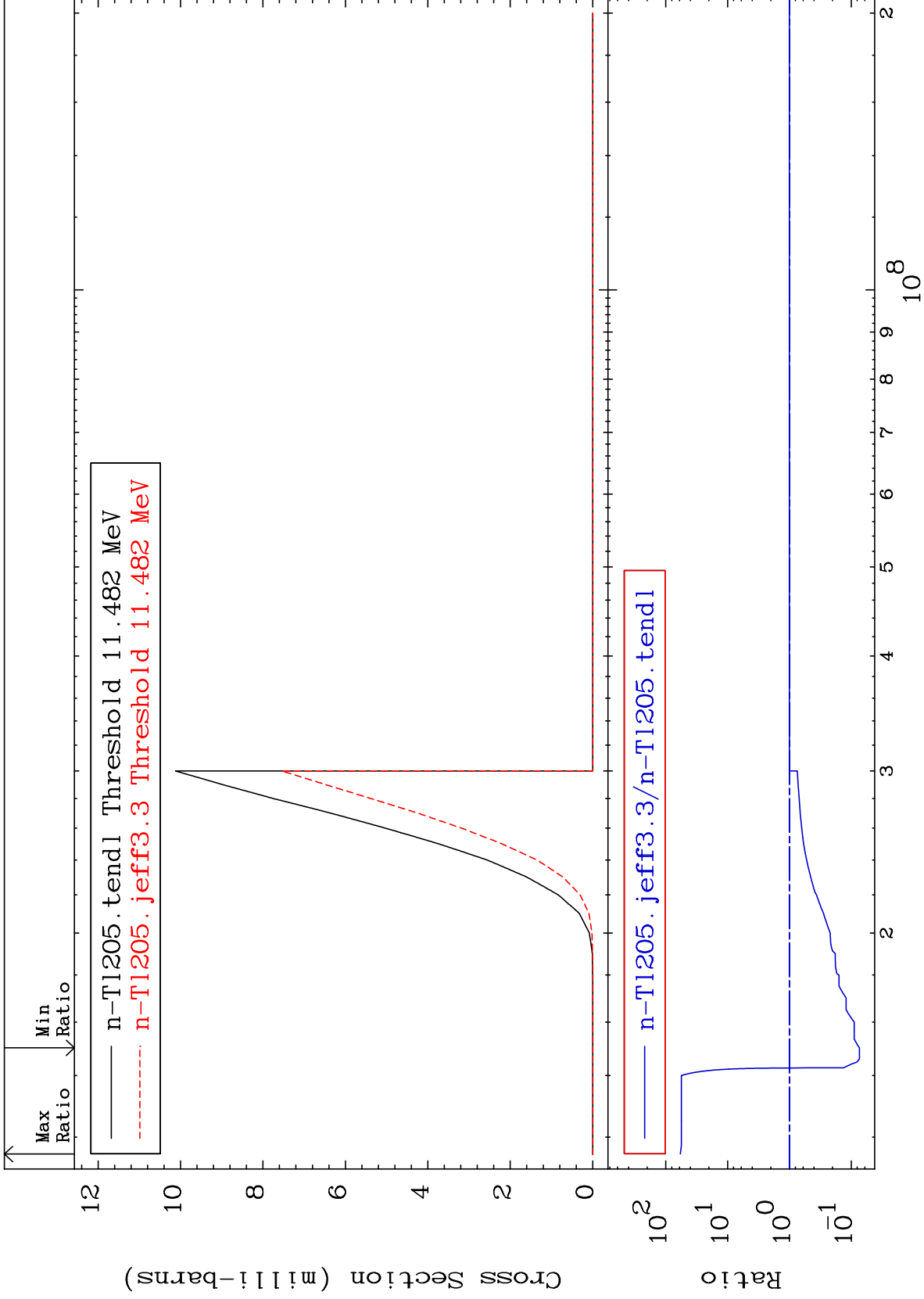
Incident Energy (eV)

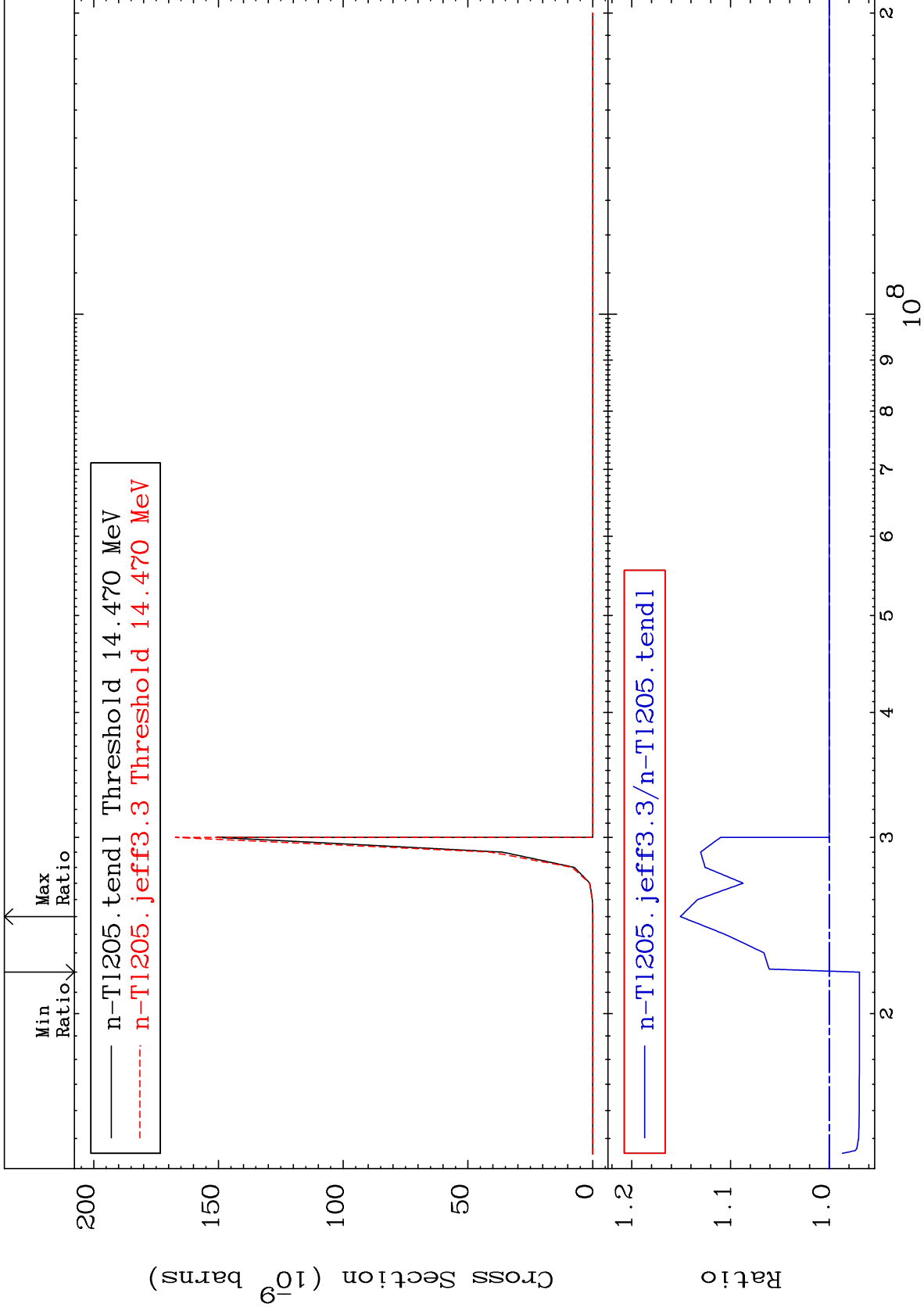
81-Tl-205



Cross Section

-92.64 To 5698. %





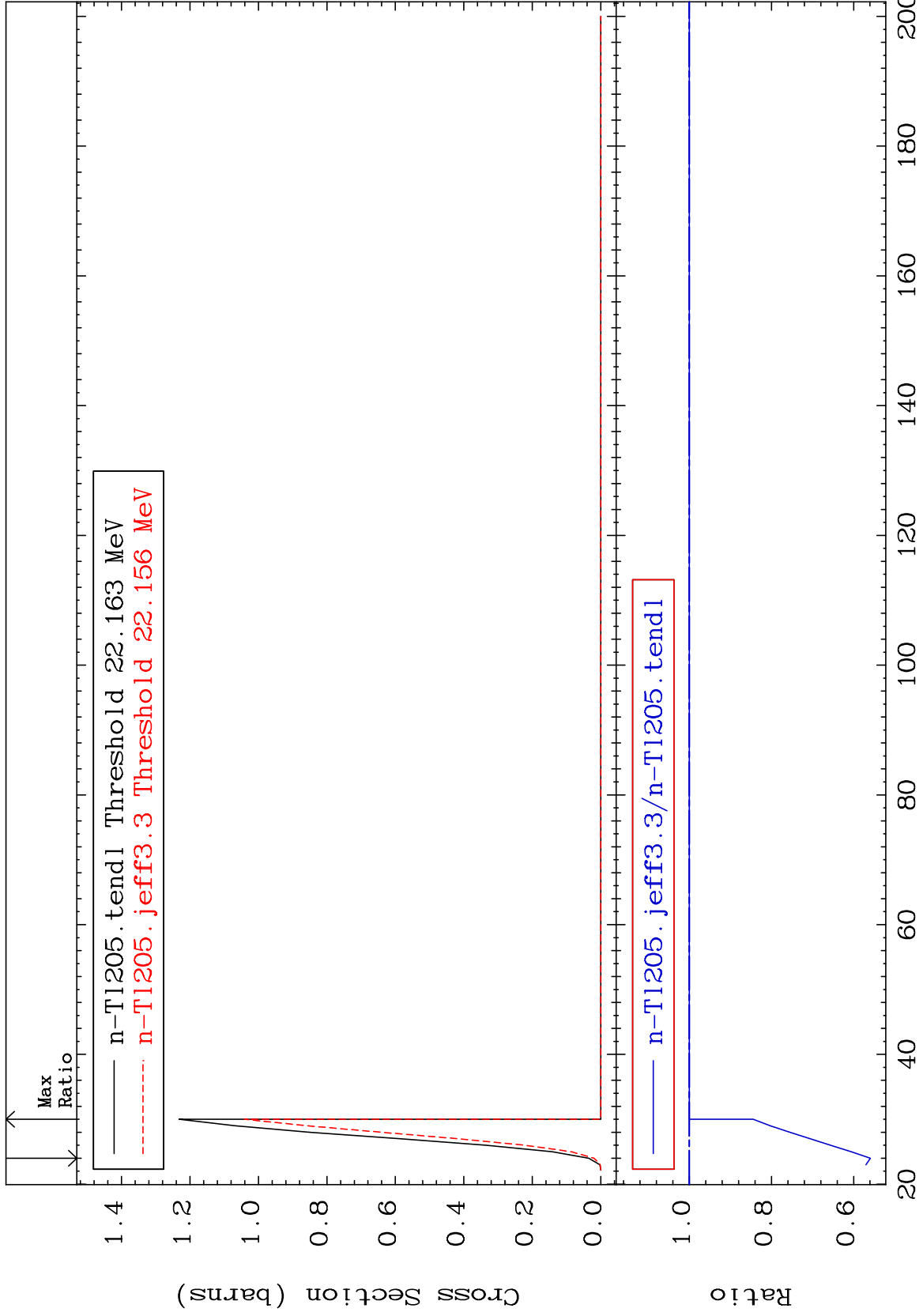
MAT 8131

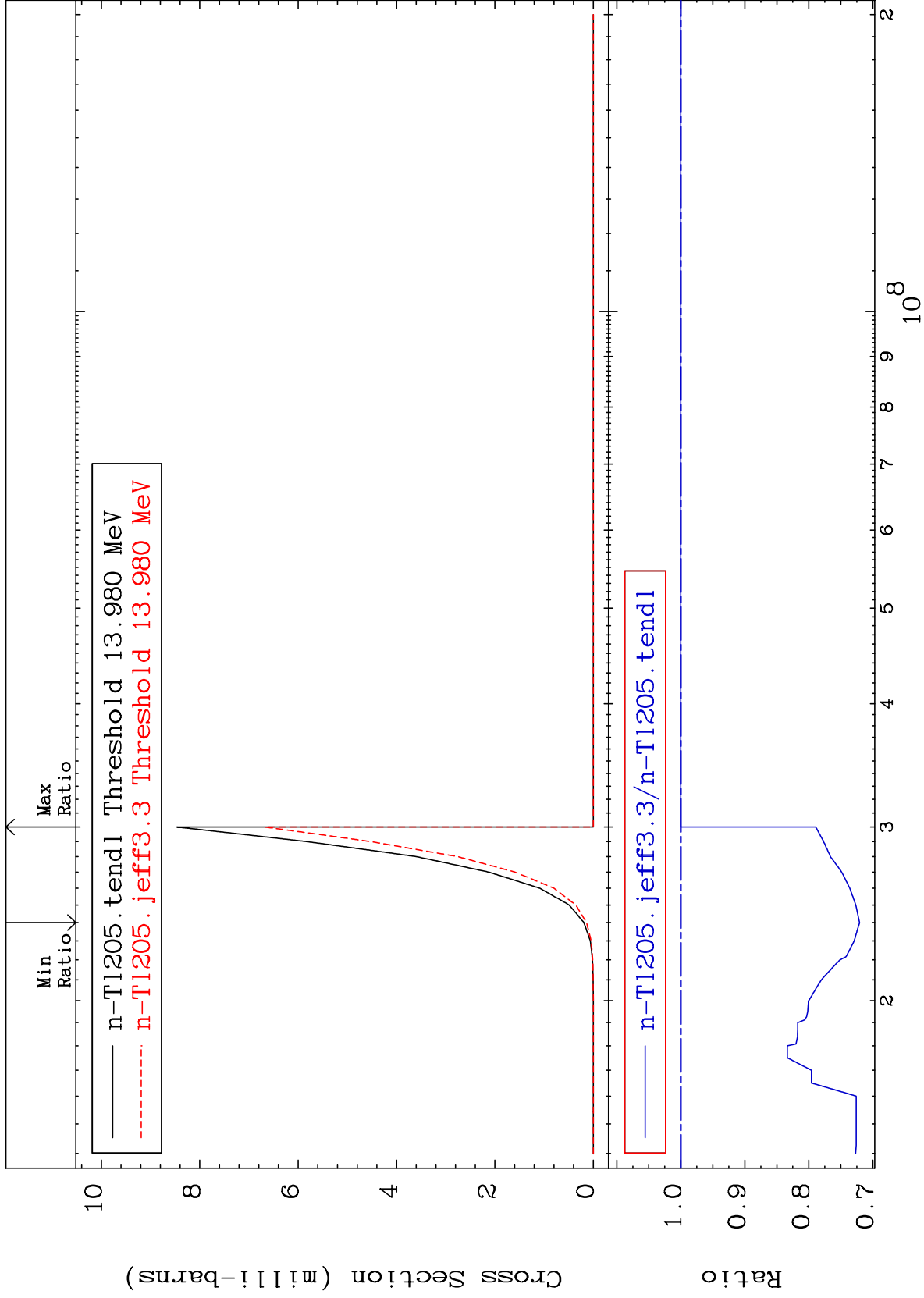
(n,4n)

81-Tl-205

Cross Section

-44.08 To 0.000 %

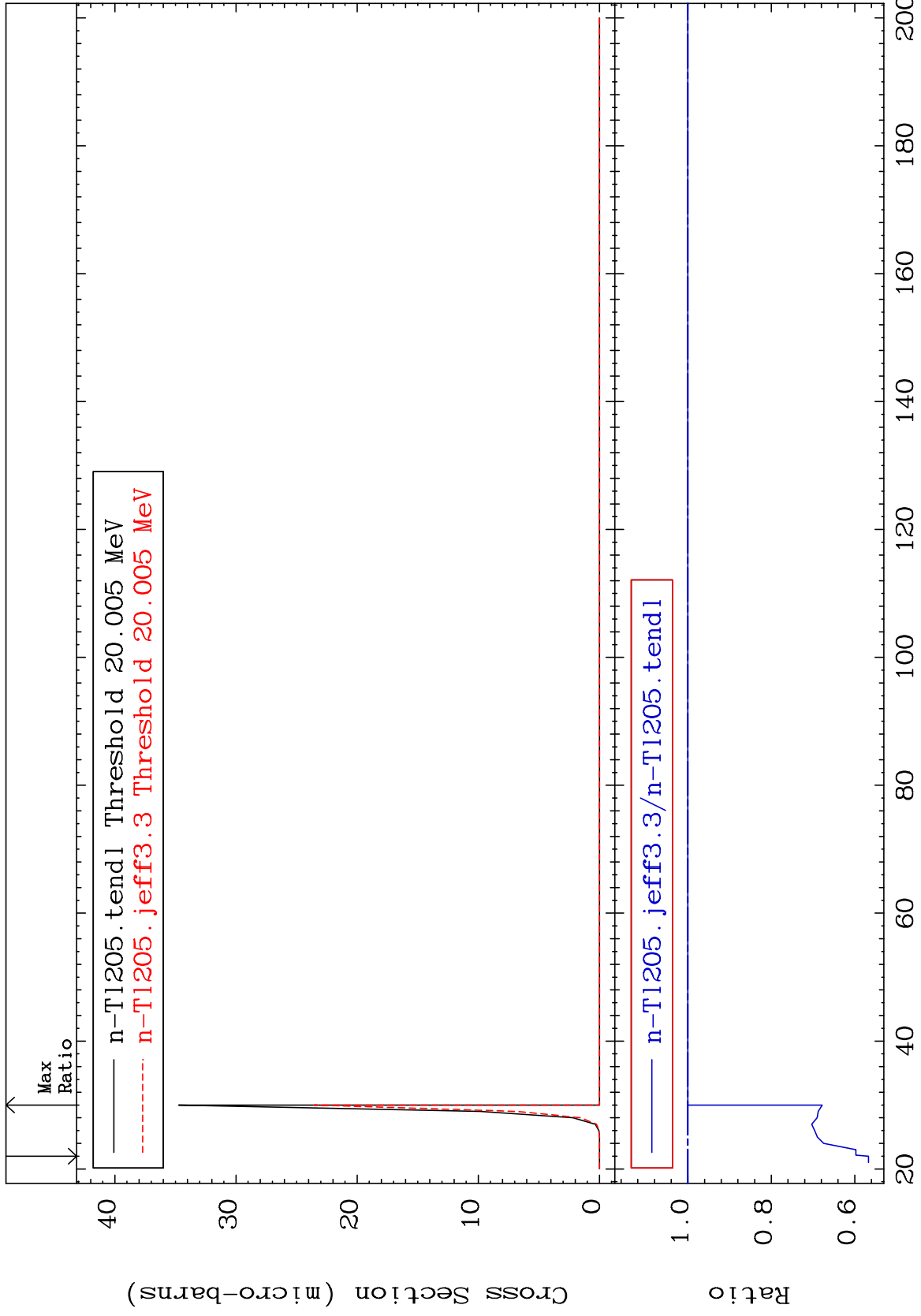




MAT 8131

(n,3n) p
Cross Section

81-Tl-205
-43.29 To 0.000 %



17

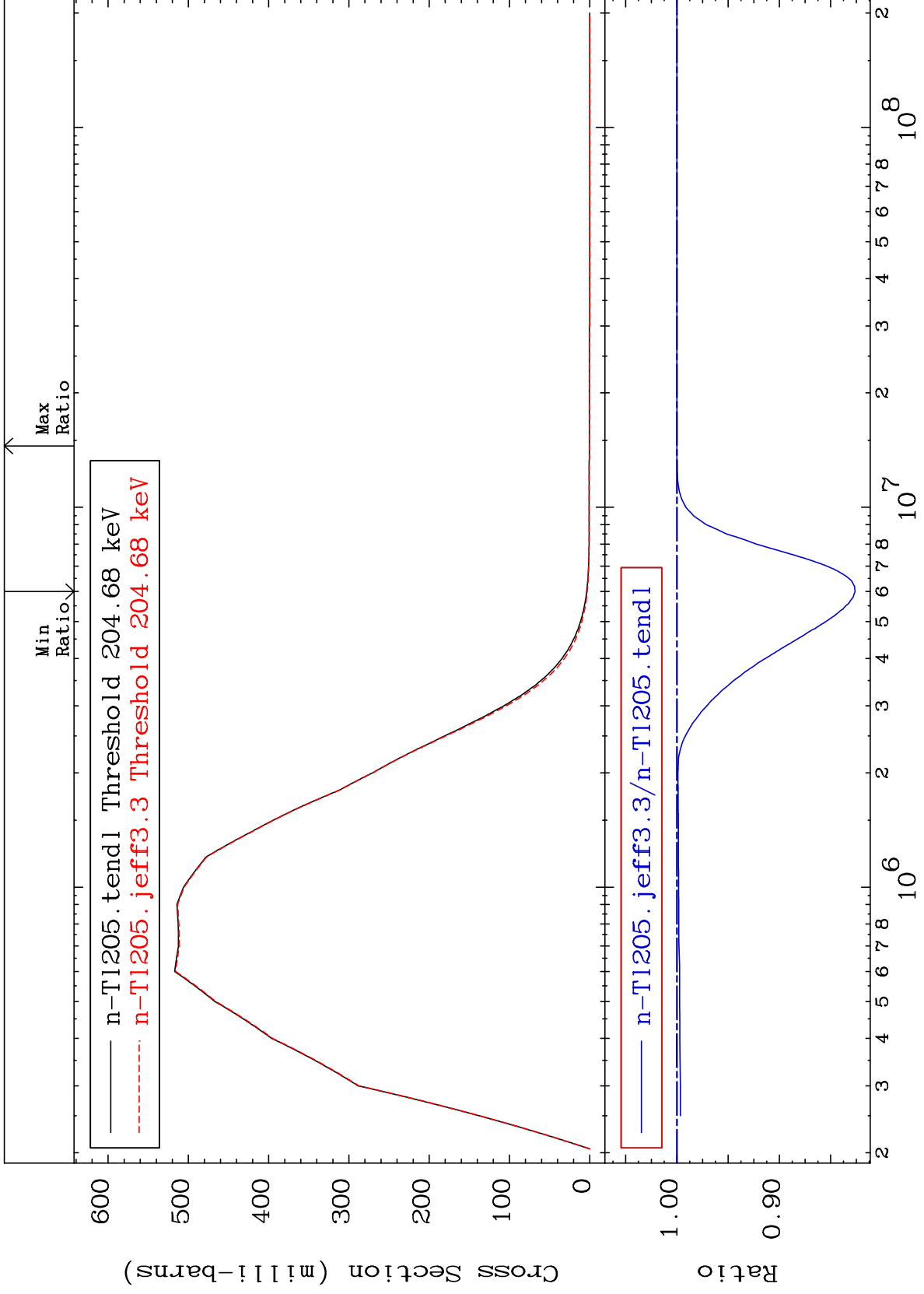
Incident Energy (MeV)

81-Tl-205

MAT 8131

MT= 51 (n,n') Level
Cross Section

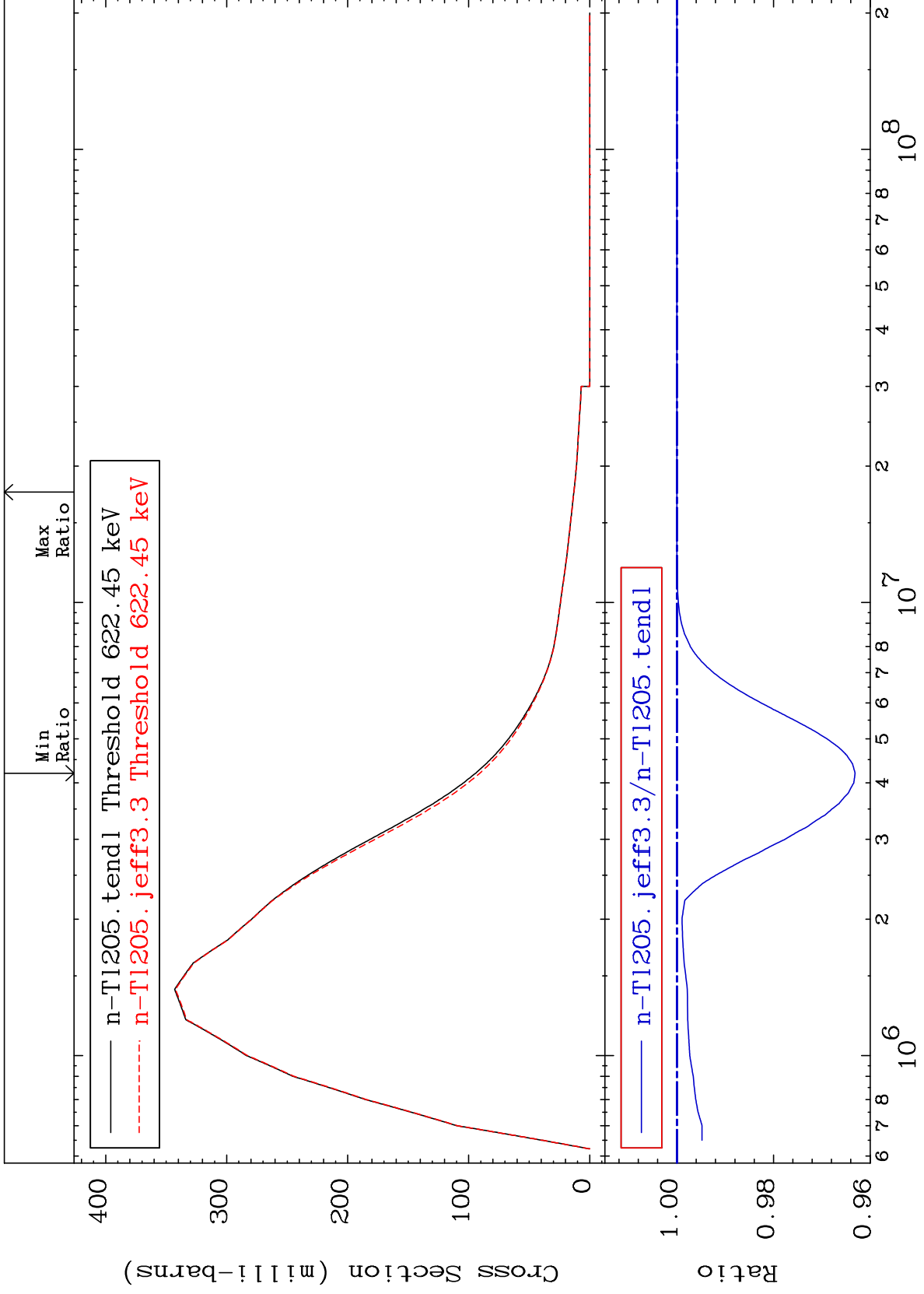
81-Tl-205
-17.38 To 0.001 %



MAT 8131

MT= 52 (n,n') Level
Cross Section

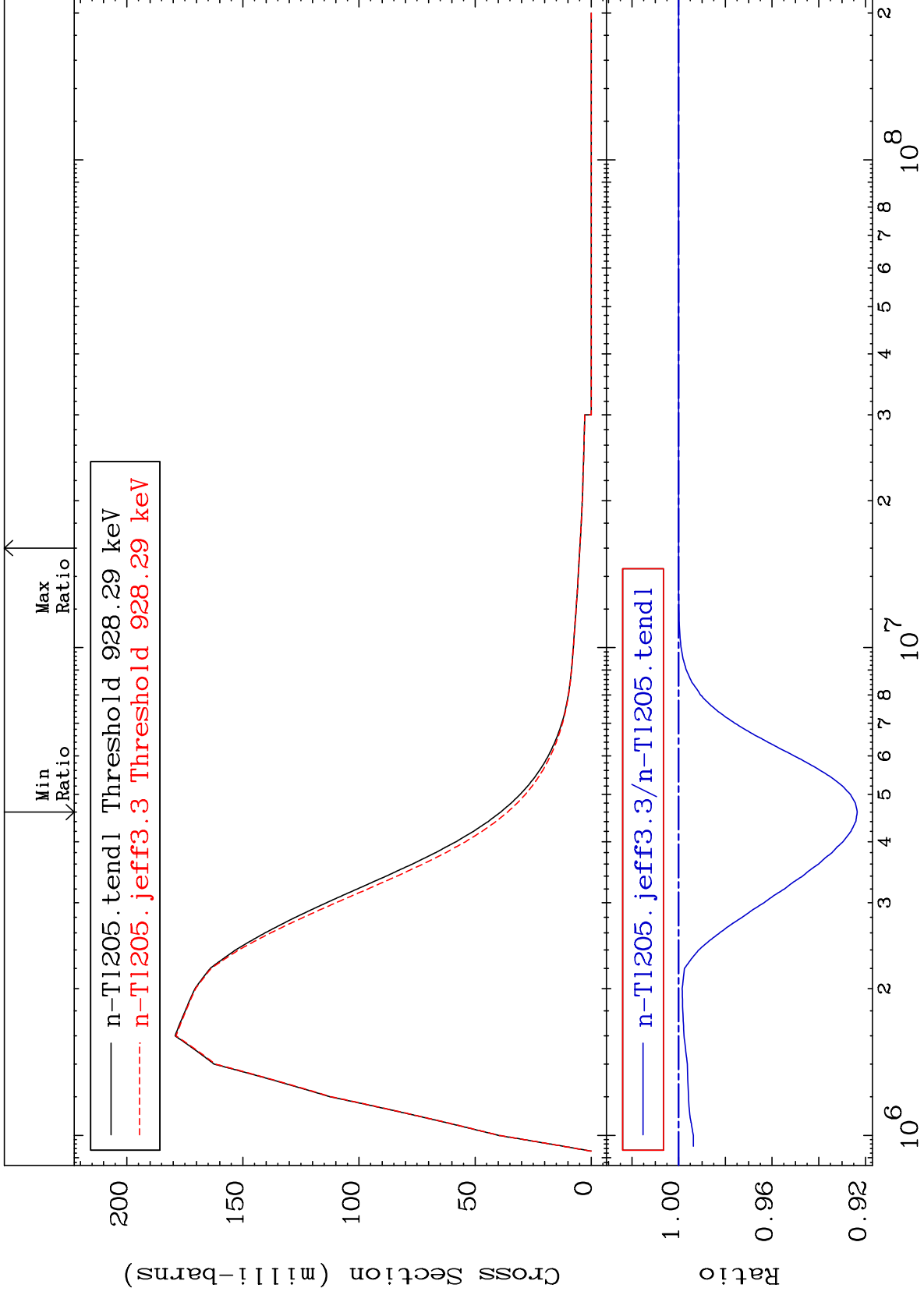
81-Tl-205
-3.688 To 0.000 %



MAT 8131

MT= 53 (n,n') Level
Cross Section

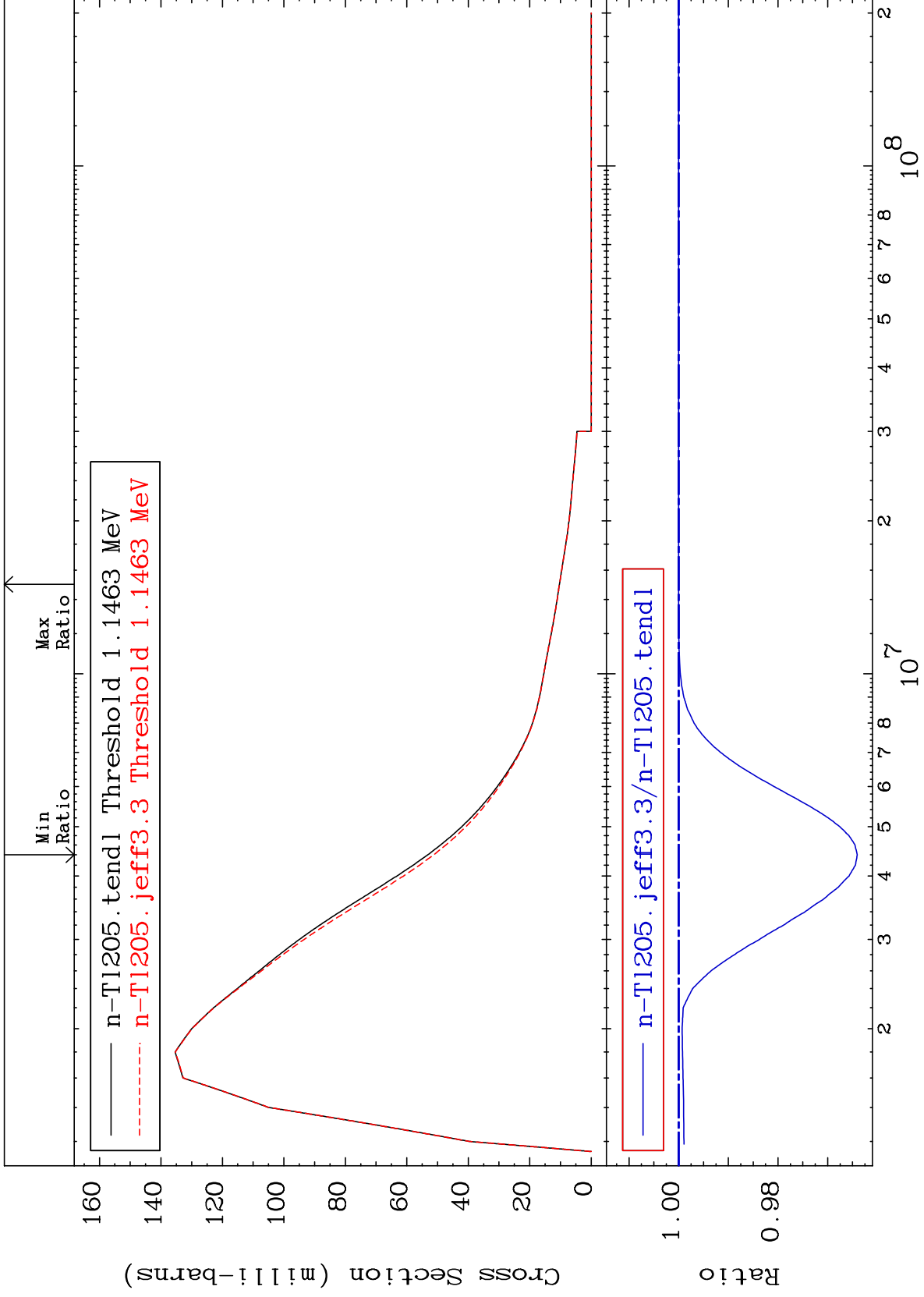
81-Tl-205
-7.648 To 0.000 %

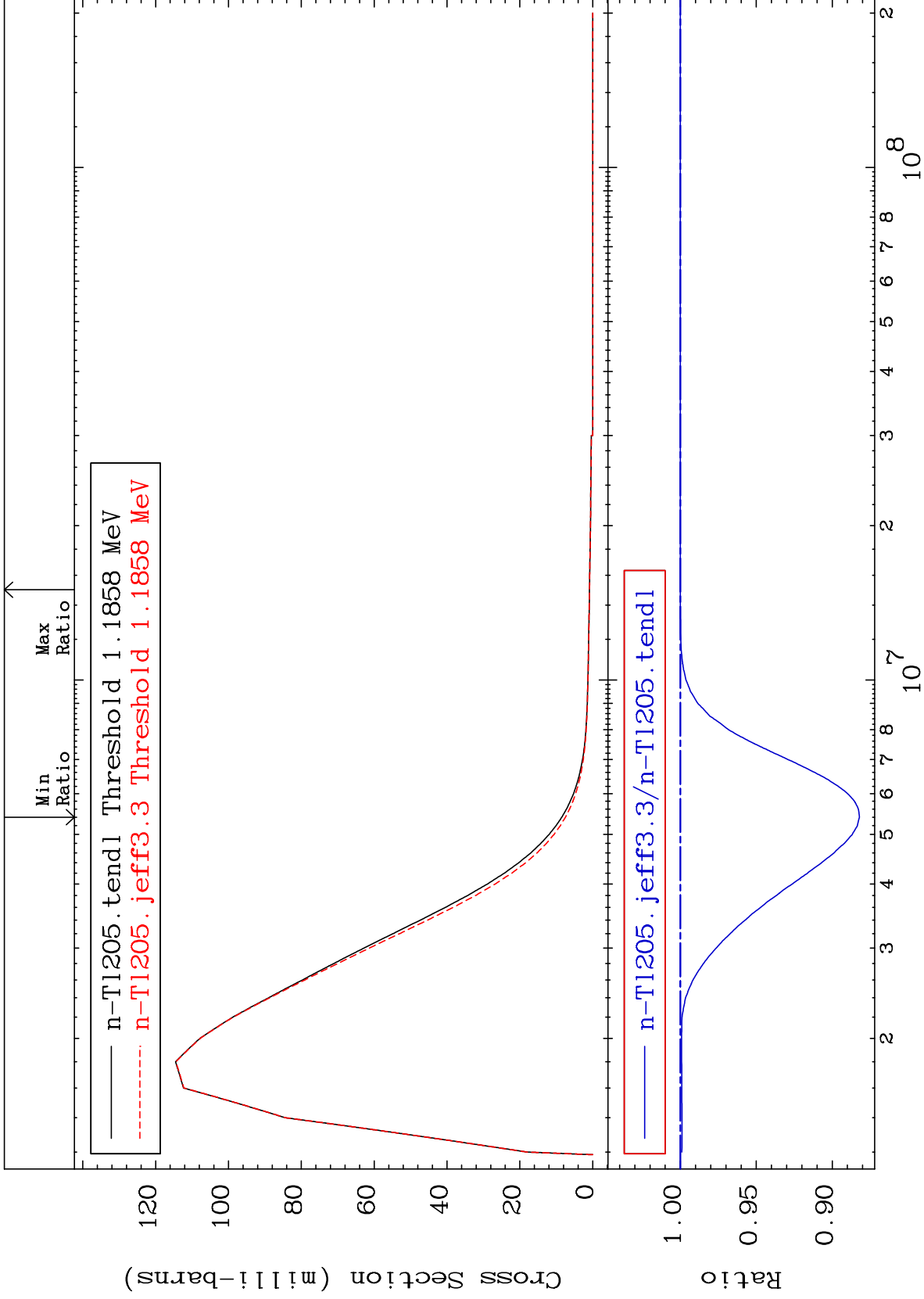


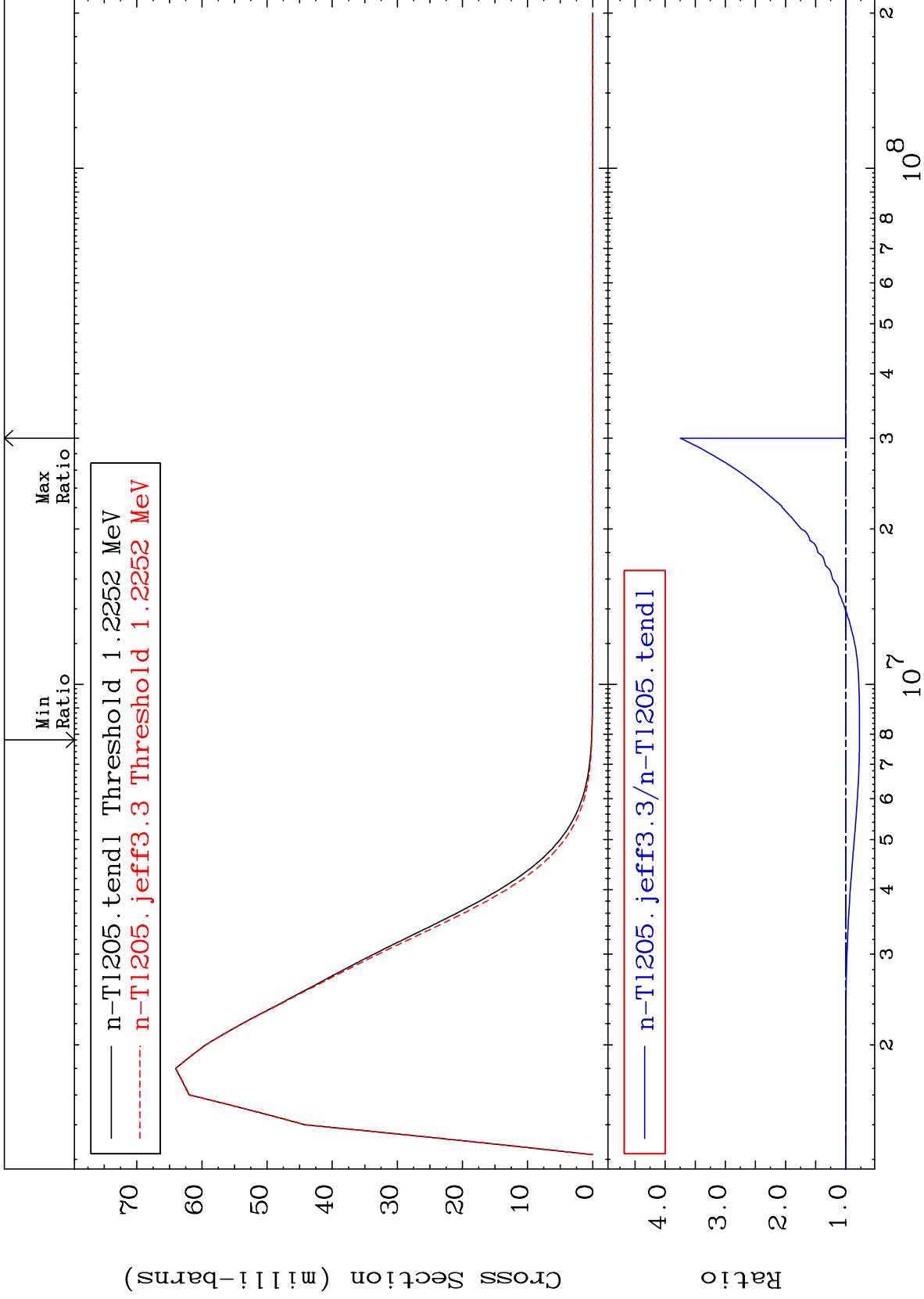
MAT 8131

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

81-Tl-205
-3.595 To 0.000 %



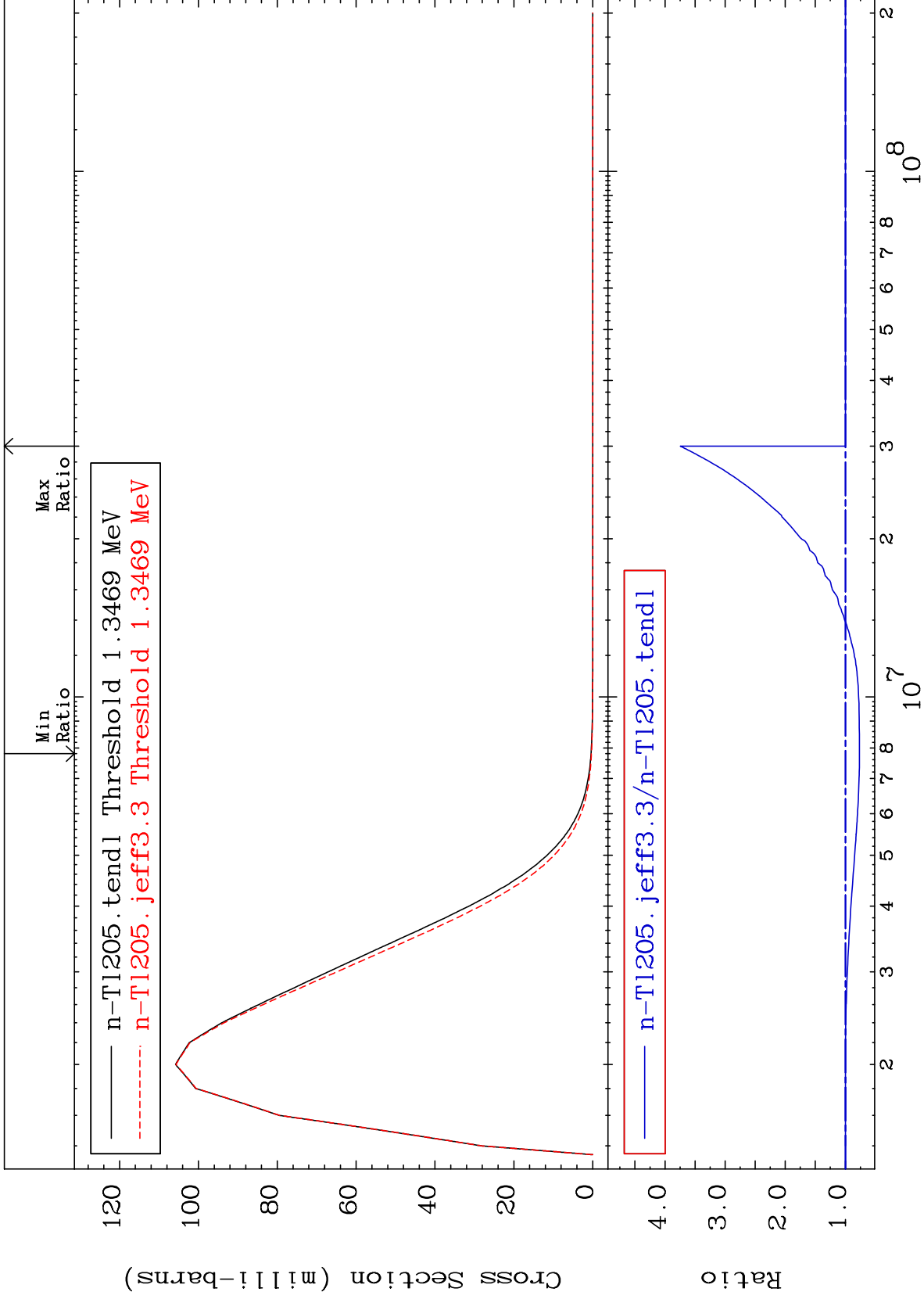




MAT 8131

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

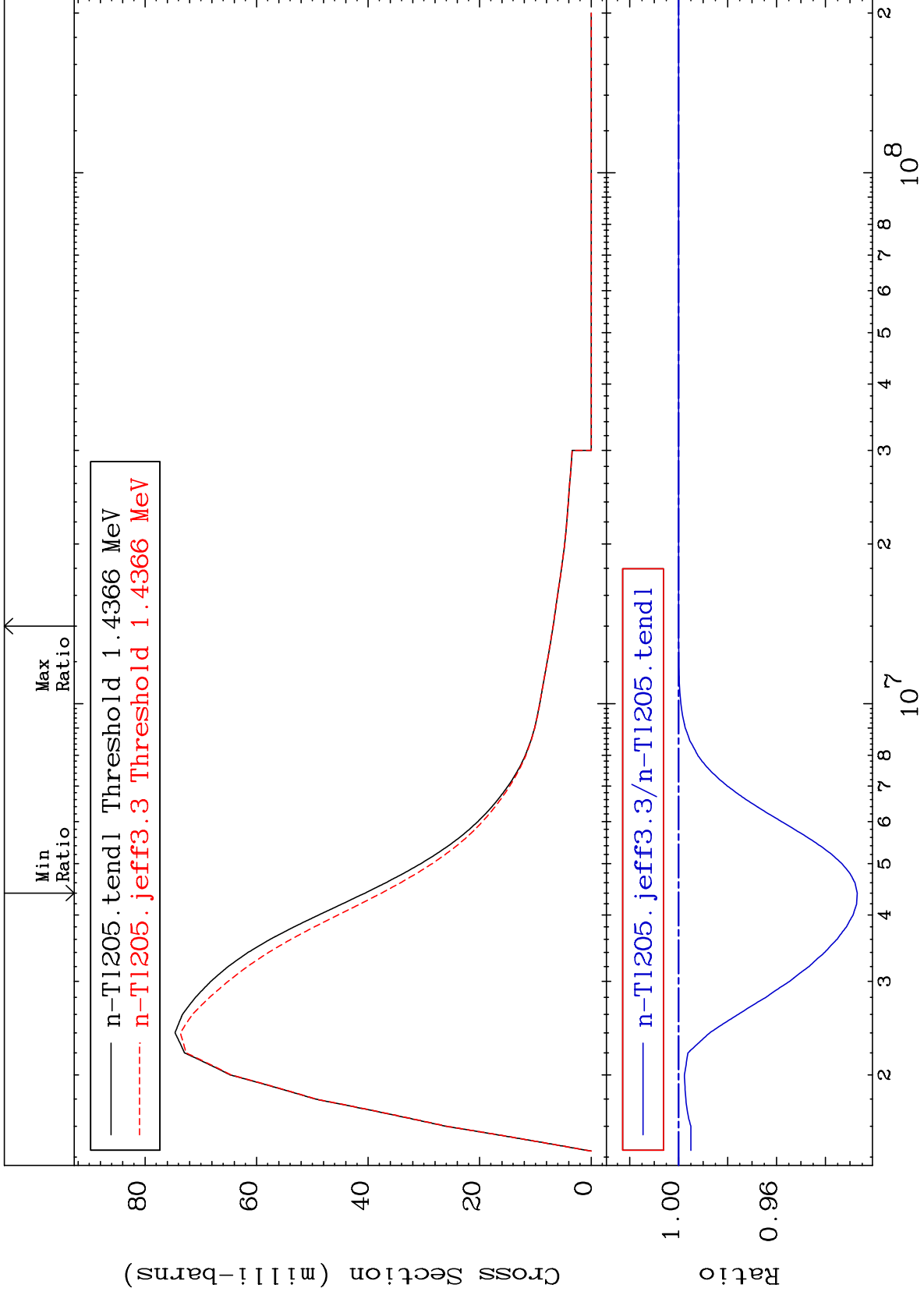
81-Tl-205
-23.39 To 274.5 %



MAT 8131

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

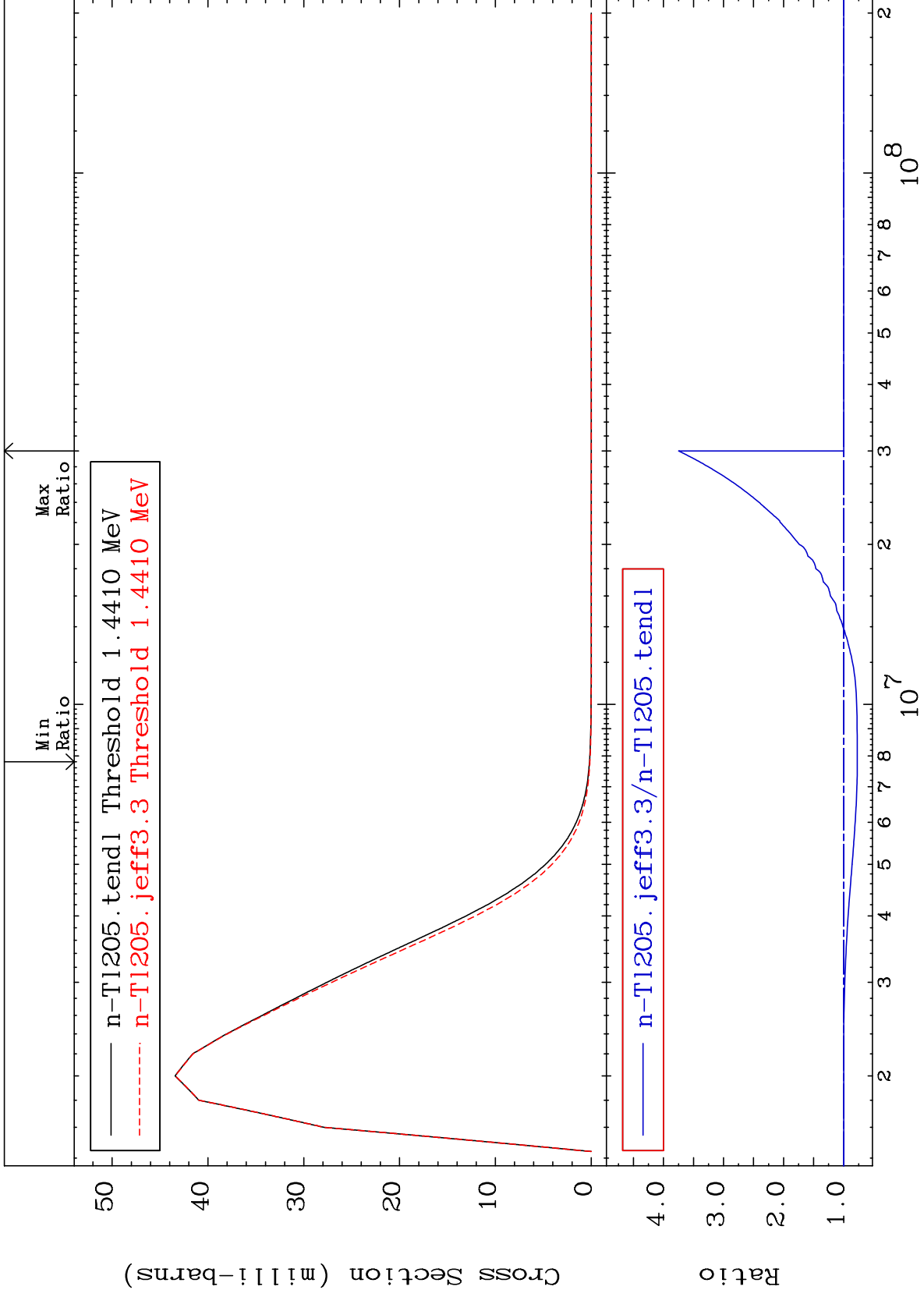
81-Tl-205
-7.300 To 0.000 %



MAT 8131

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

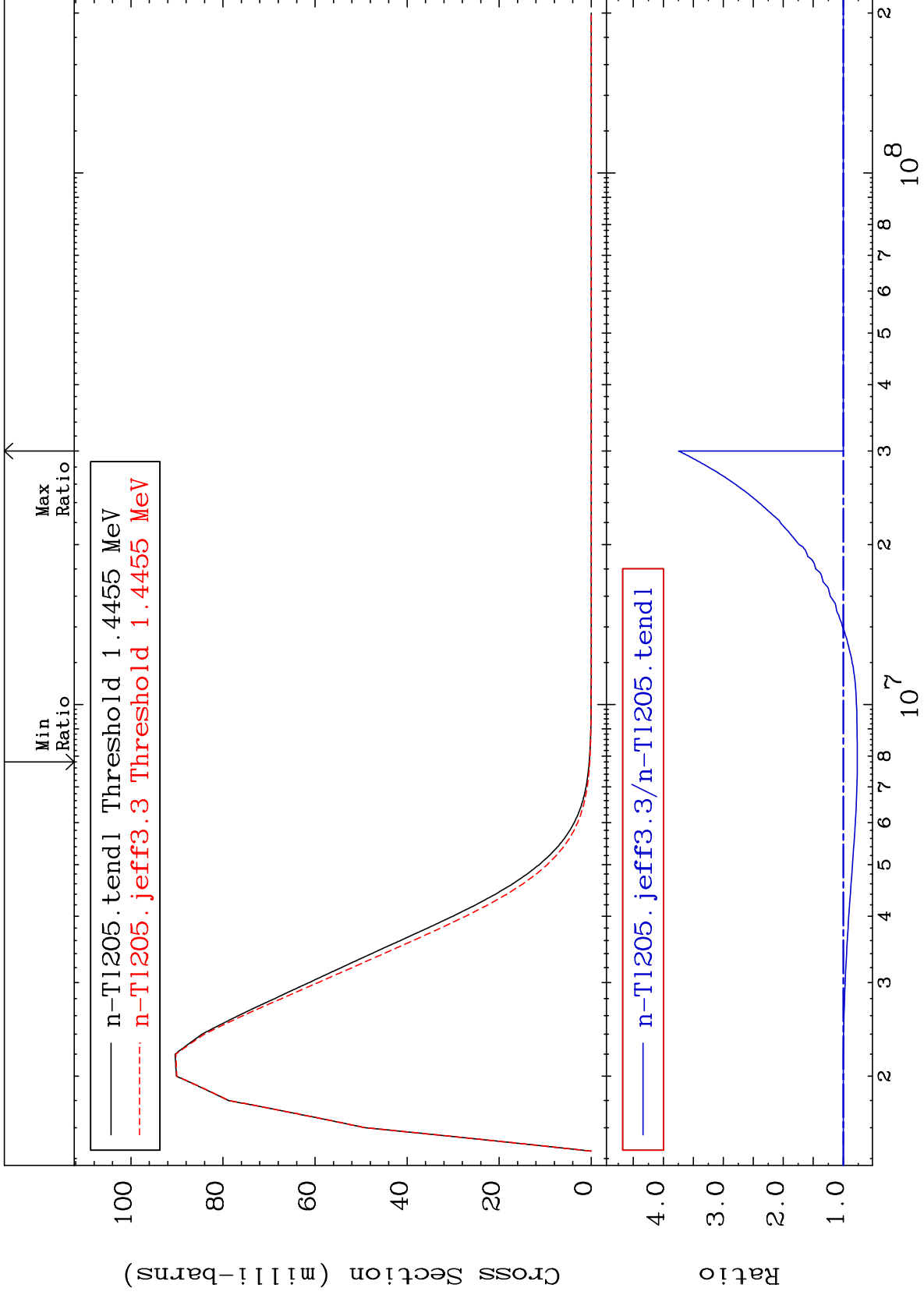
81-Tl-205
-22.69 To 274.8 %



MAT 8131

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

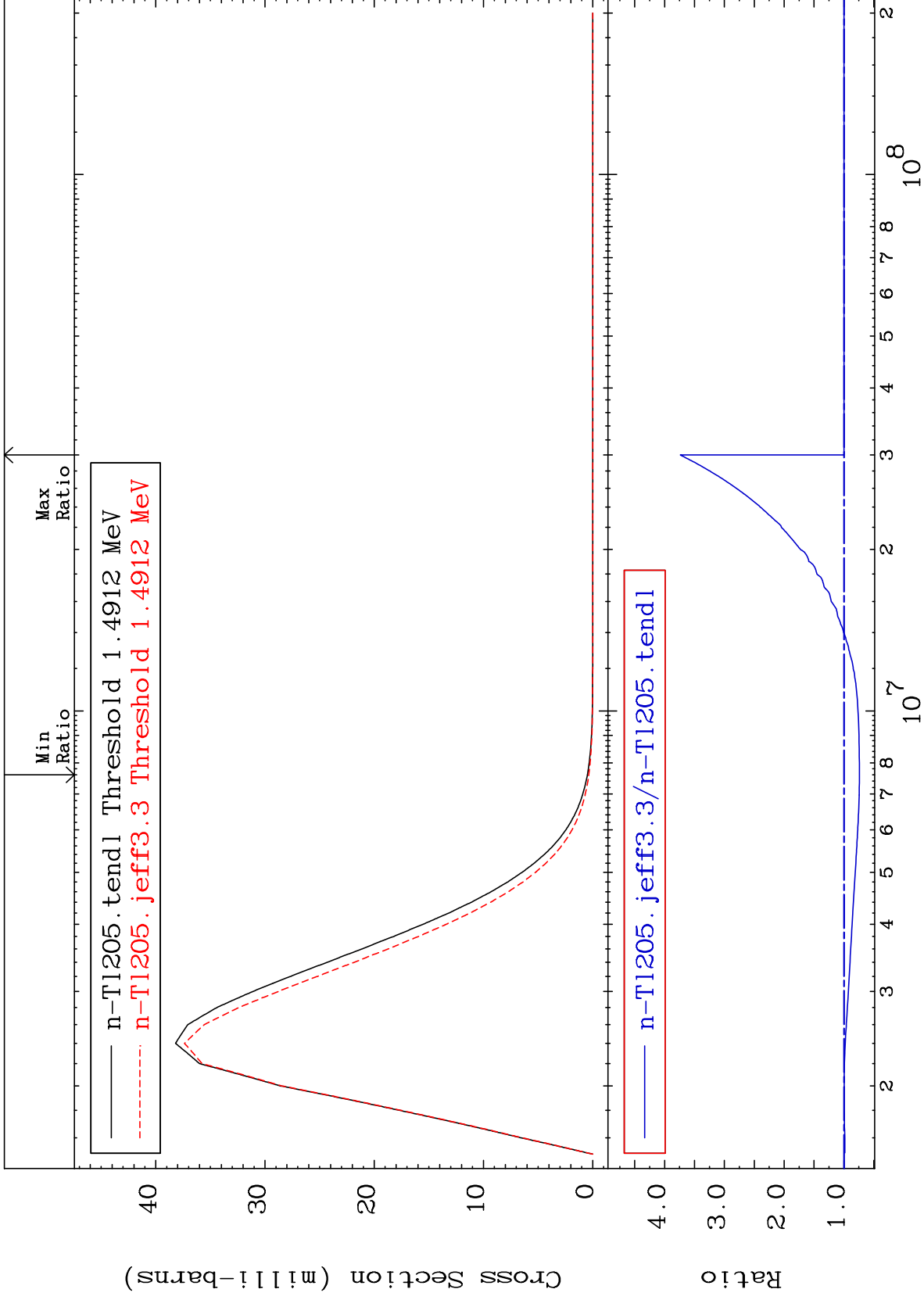
81-Tl-205
-23.37 To 274.5 %



MAT 8131

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

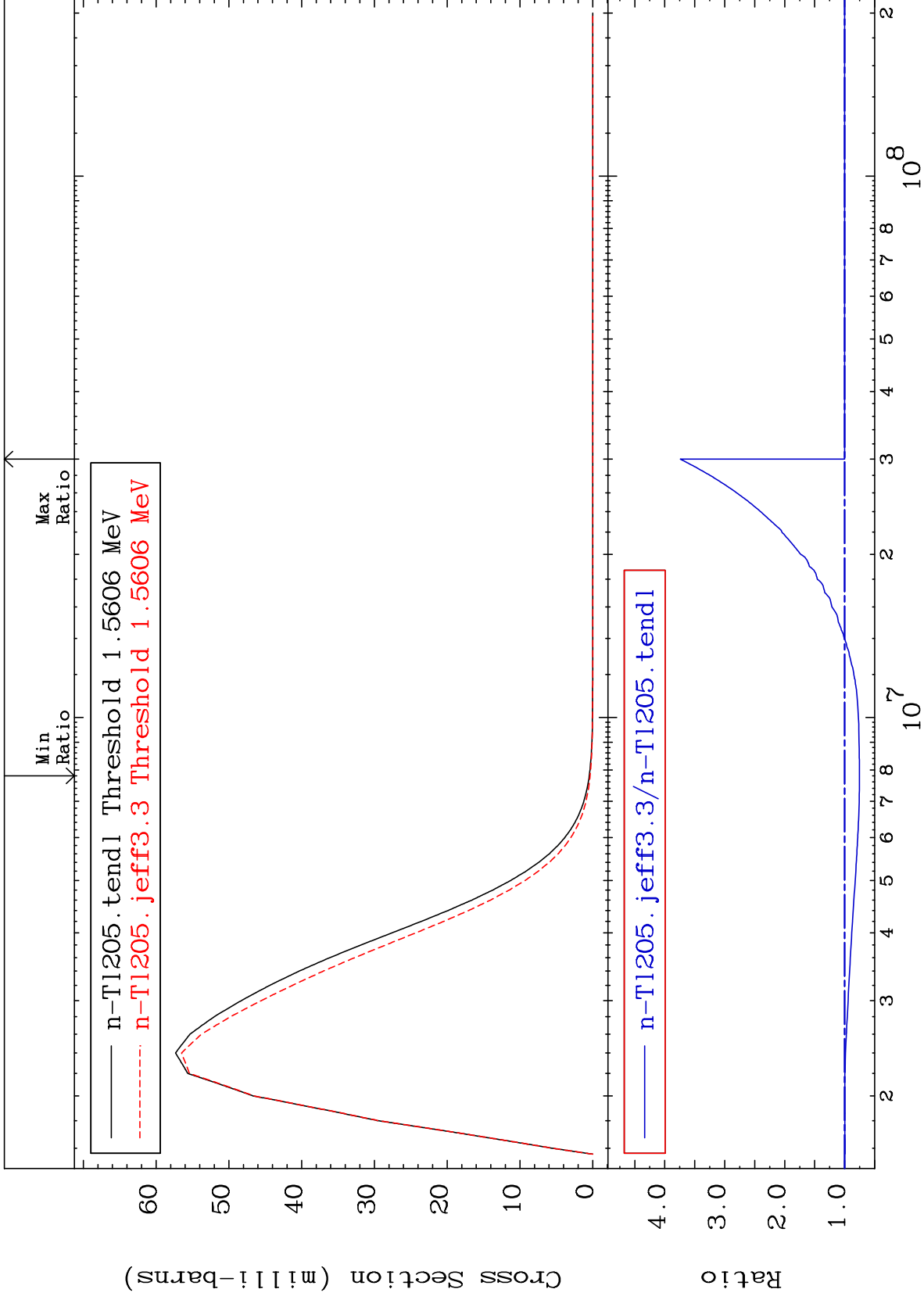
81-Tl-205
-25.96 To 273.6 %



MAT 8131

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

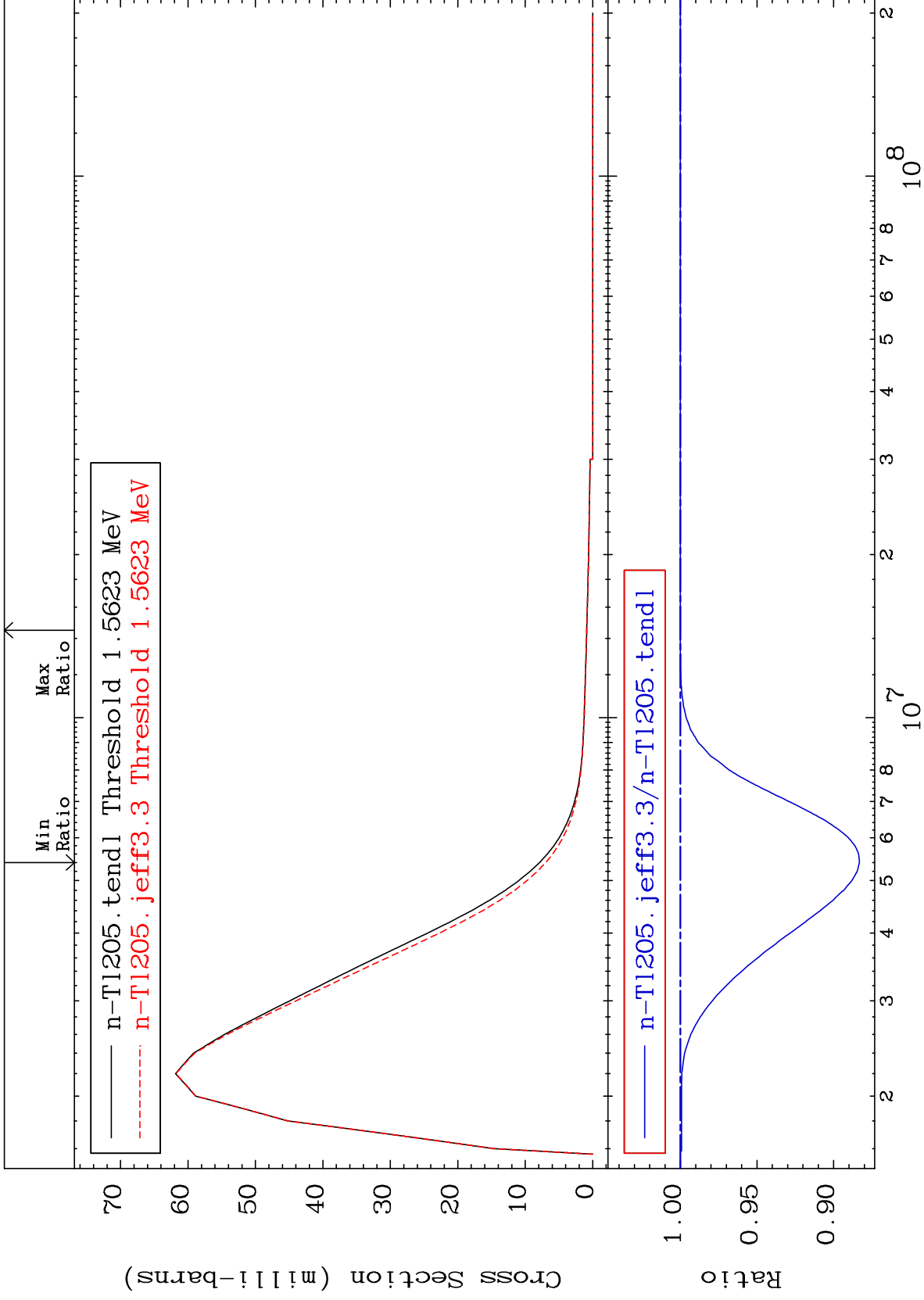
81-Tl-205
-24.60 To 274.0 %



MAT 8131

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

81-Tl-205
-11.68 To 0.000 %



30

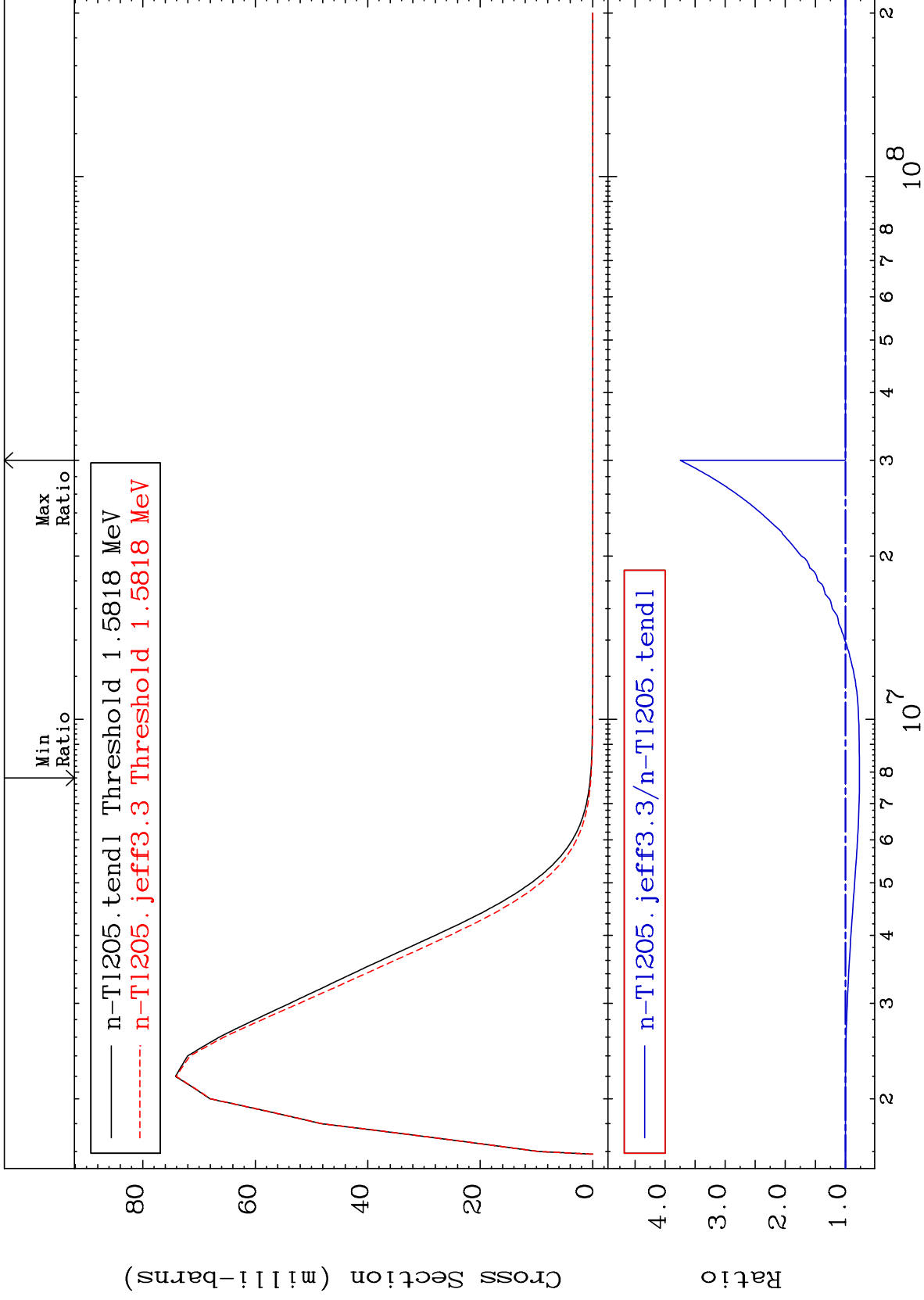
Incident Energy (eV)

81-Tl-205

MAT 8131

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

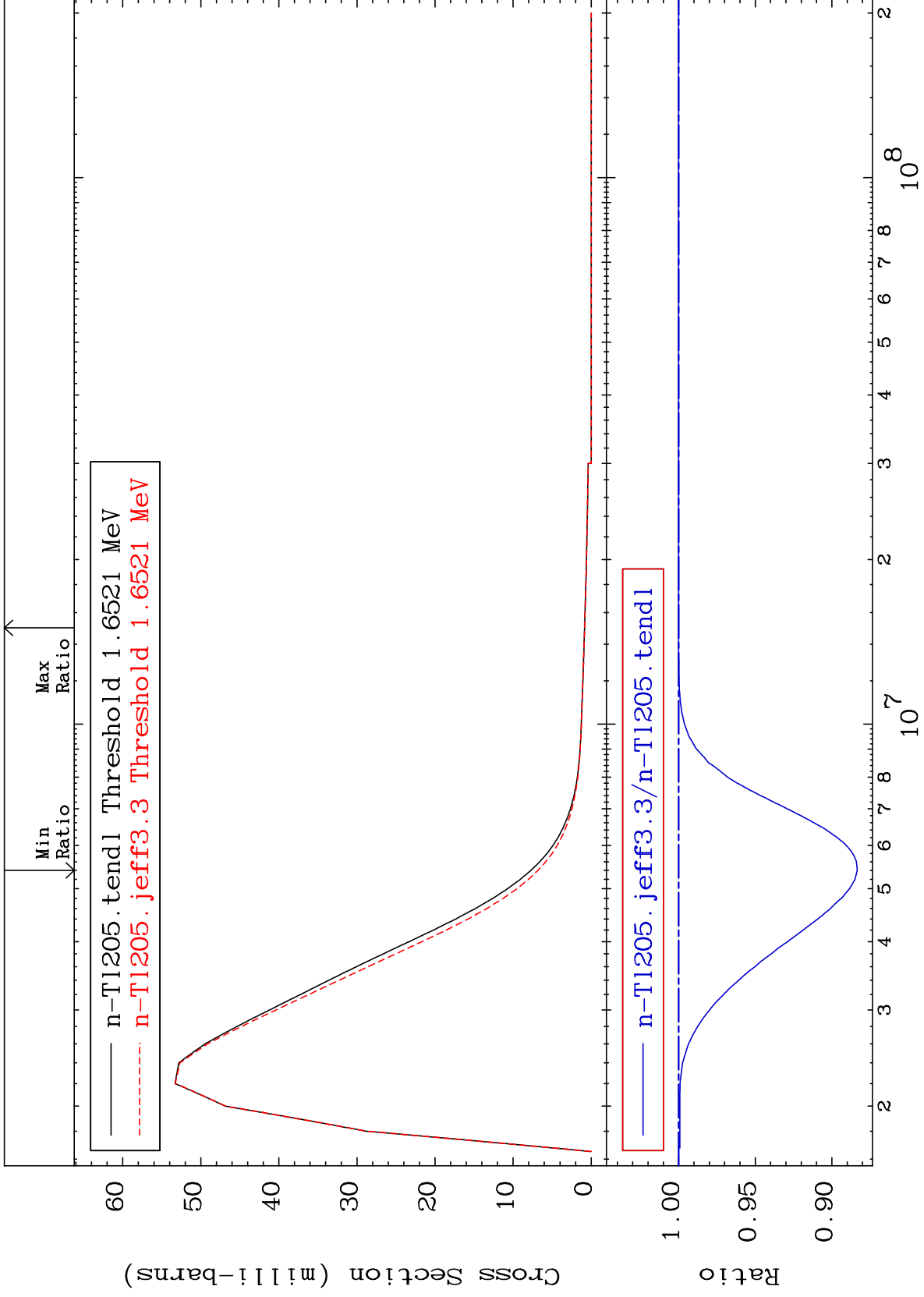
81-Tl-205
-23.35 To 274.5 %



MAT 8131

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

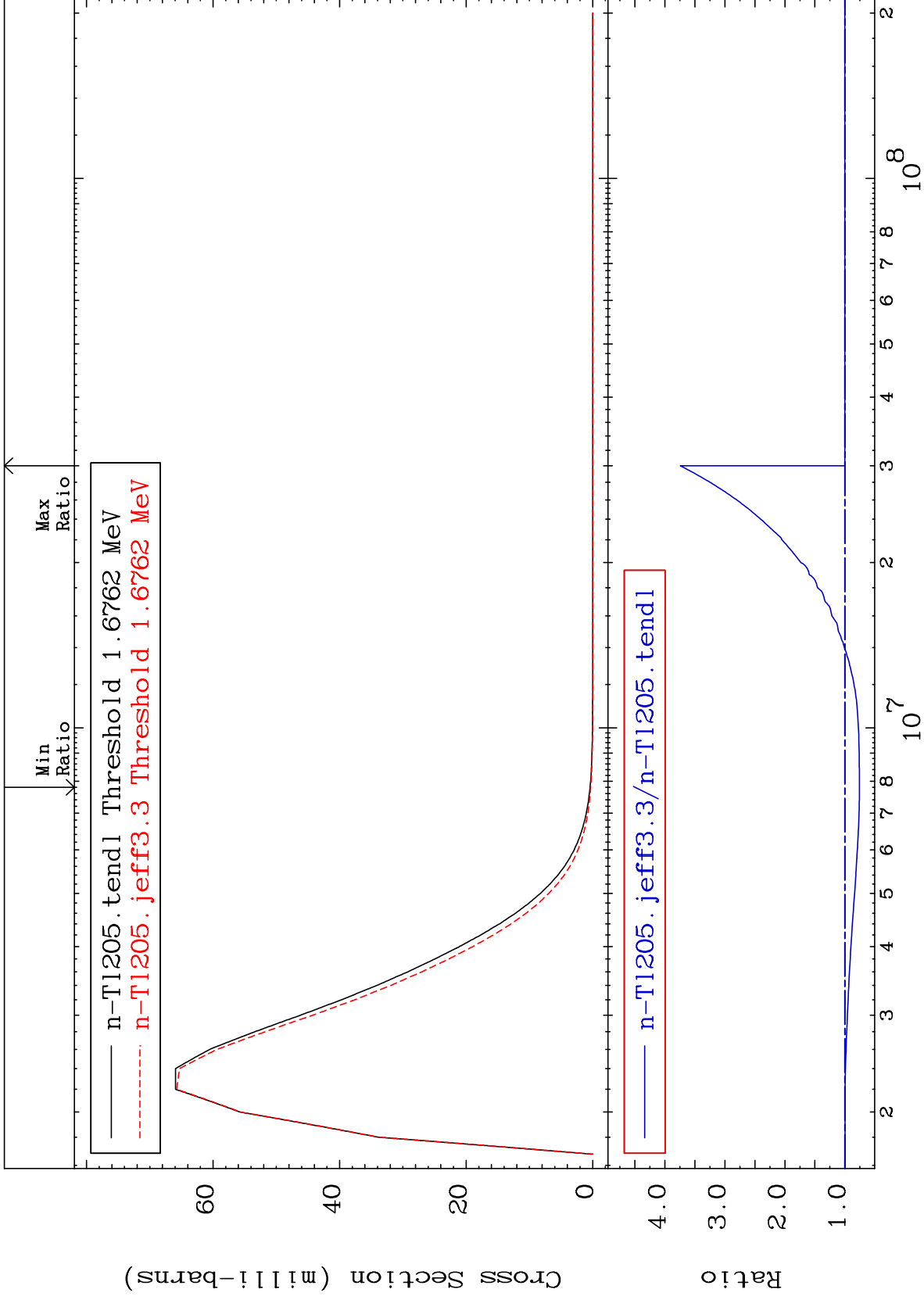
81-Tl-205
-11.66 To 0.000 %



MAT 8131

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

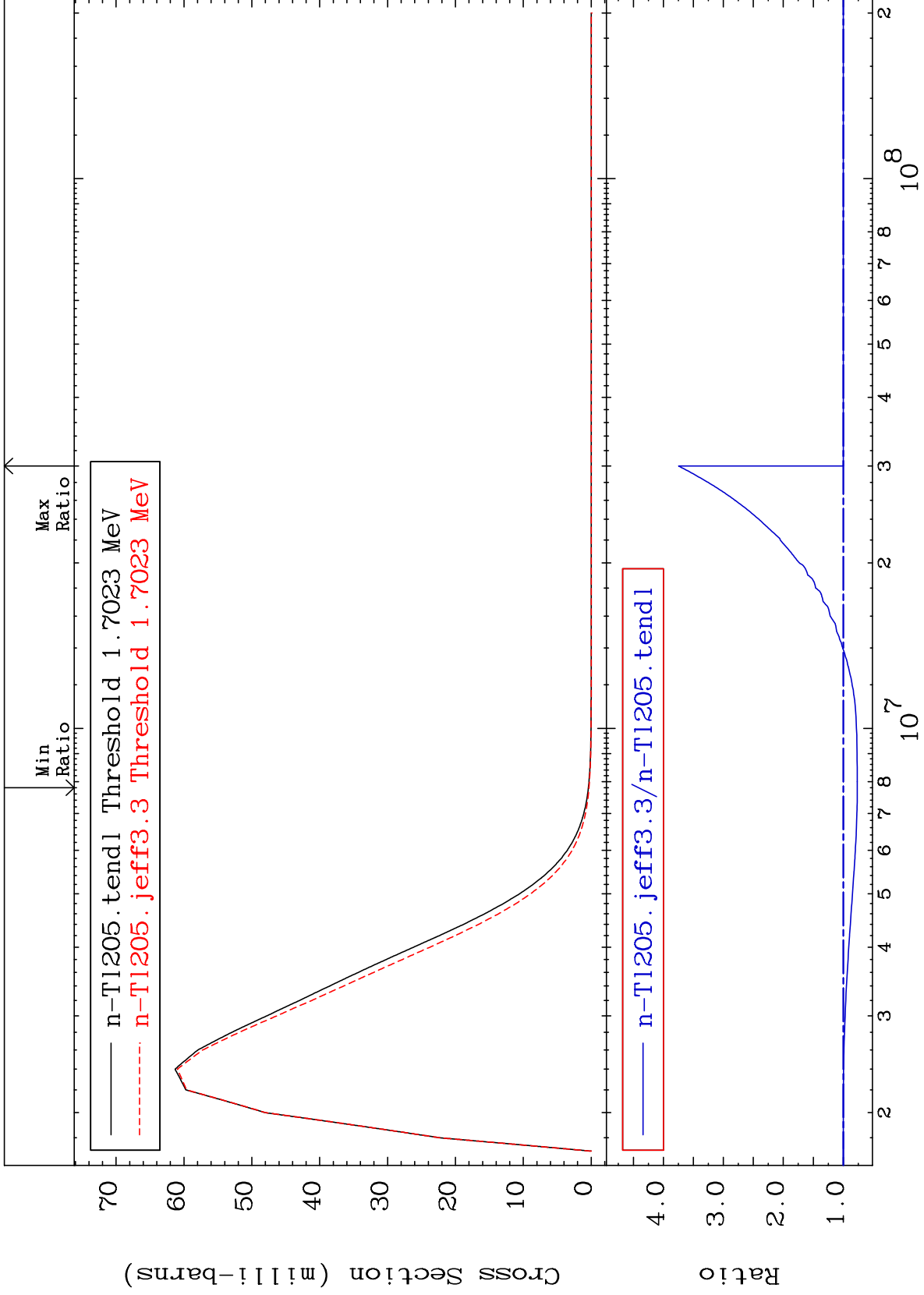
81-Tl-205
-24.22 To 274.3 %



MAT 8131

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

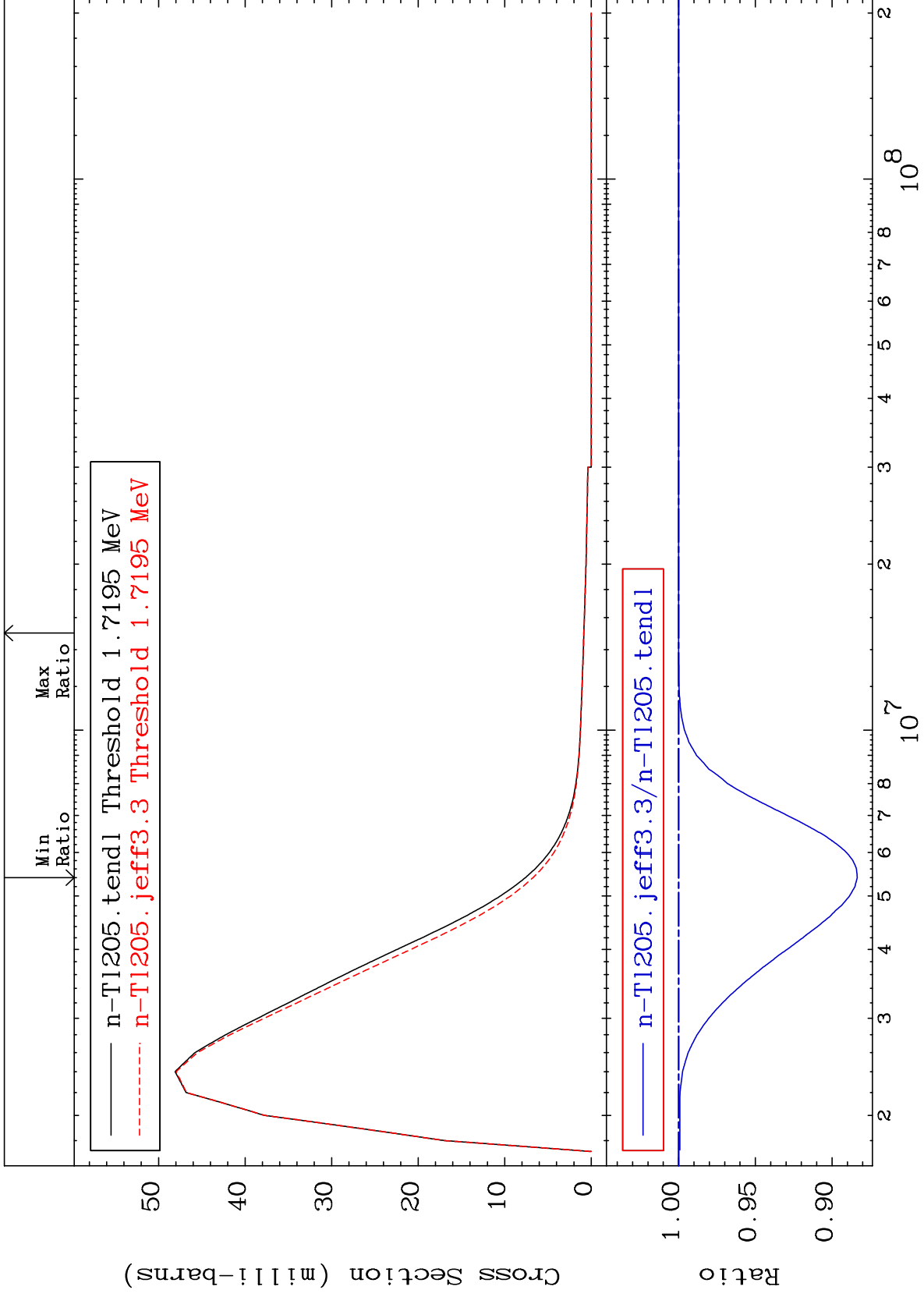
81-T1-205
-23.33 To 274.5 %



MAT 8131

MT= 68 (n,n') Level
Cross Section

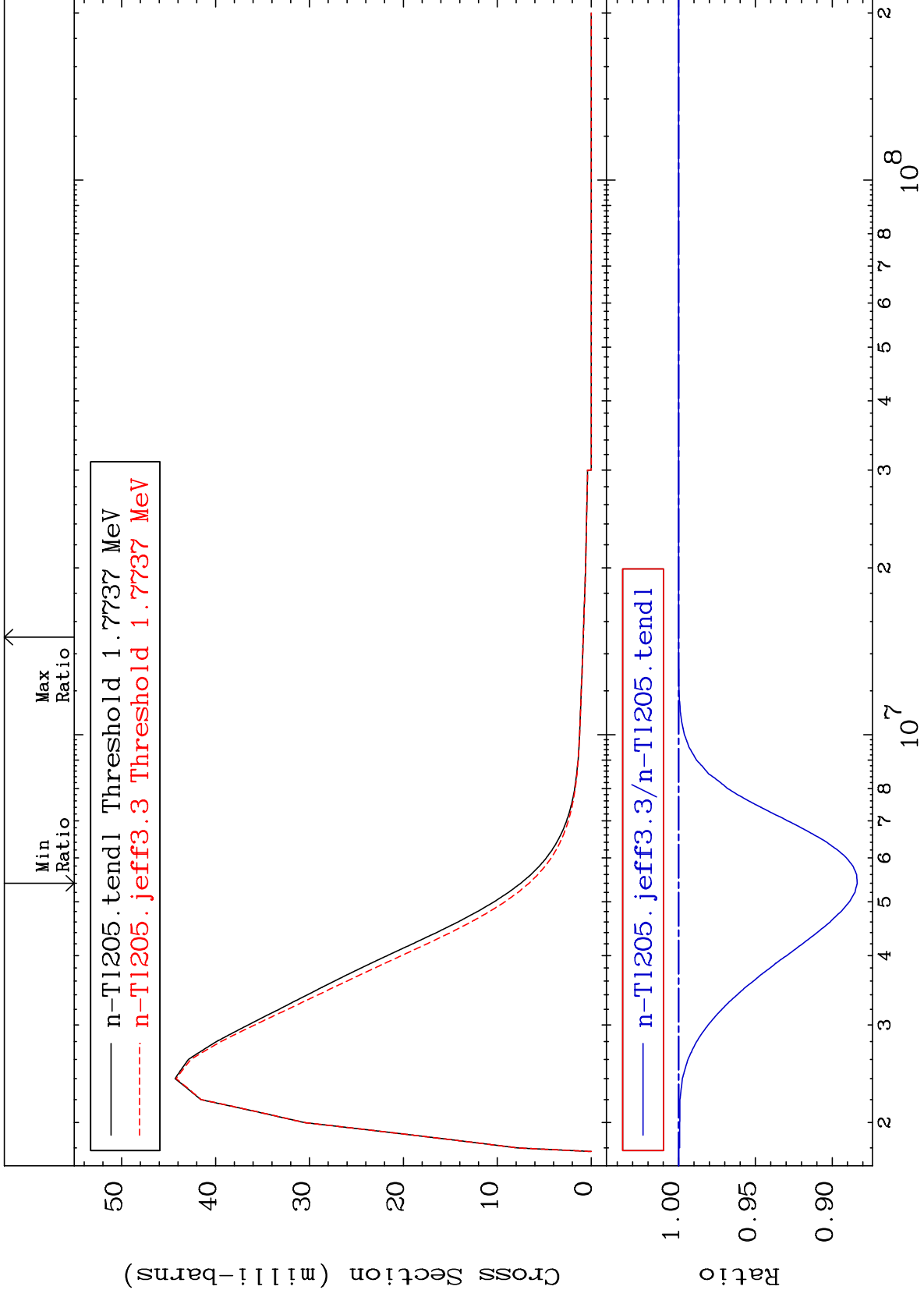
81-Tl-205
-11.64 To 0.000 %



MAT 8131

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

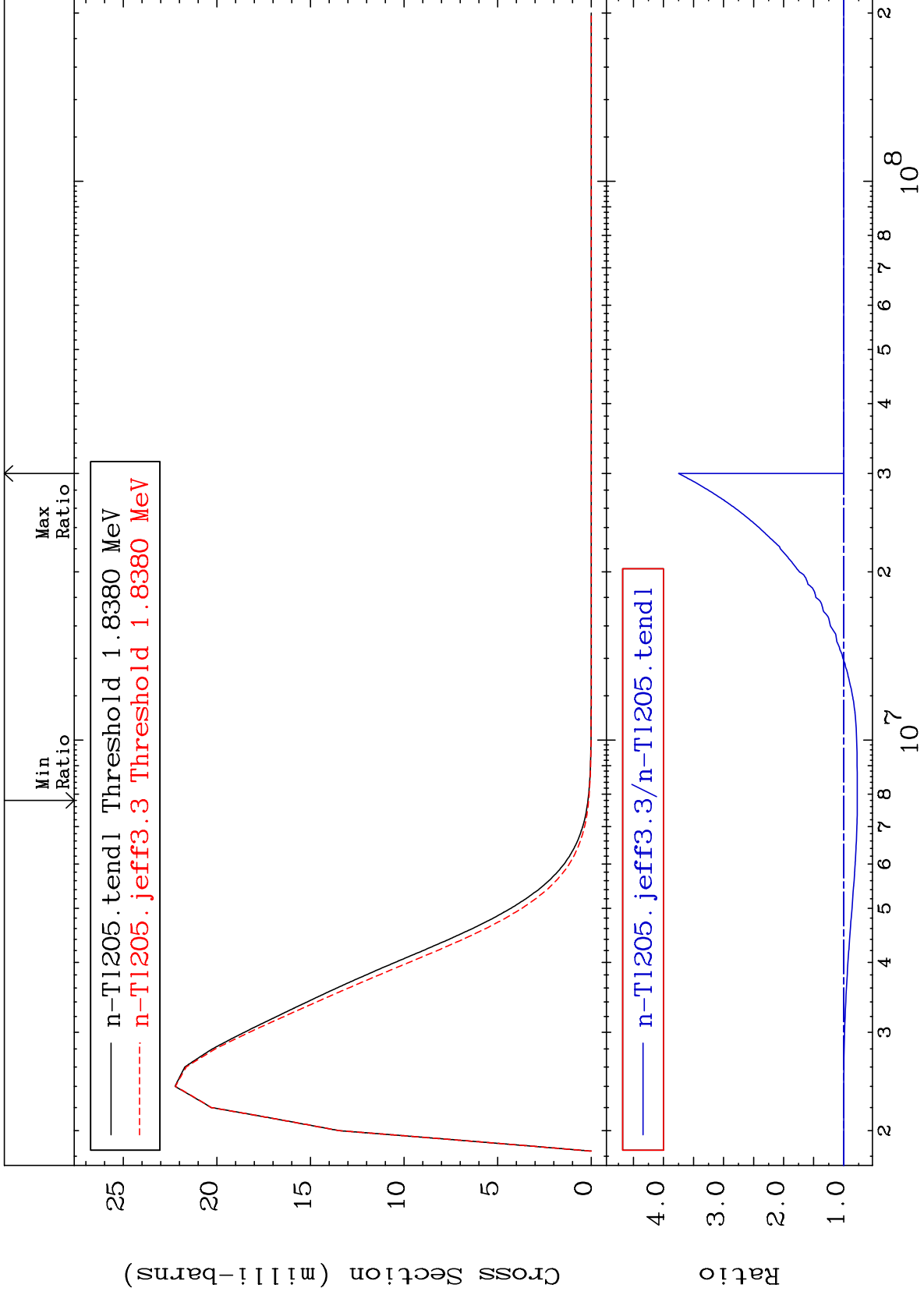
81-Tl-205
-11.63 To 0.000 %



MAT 8131

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

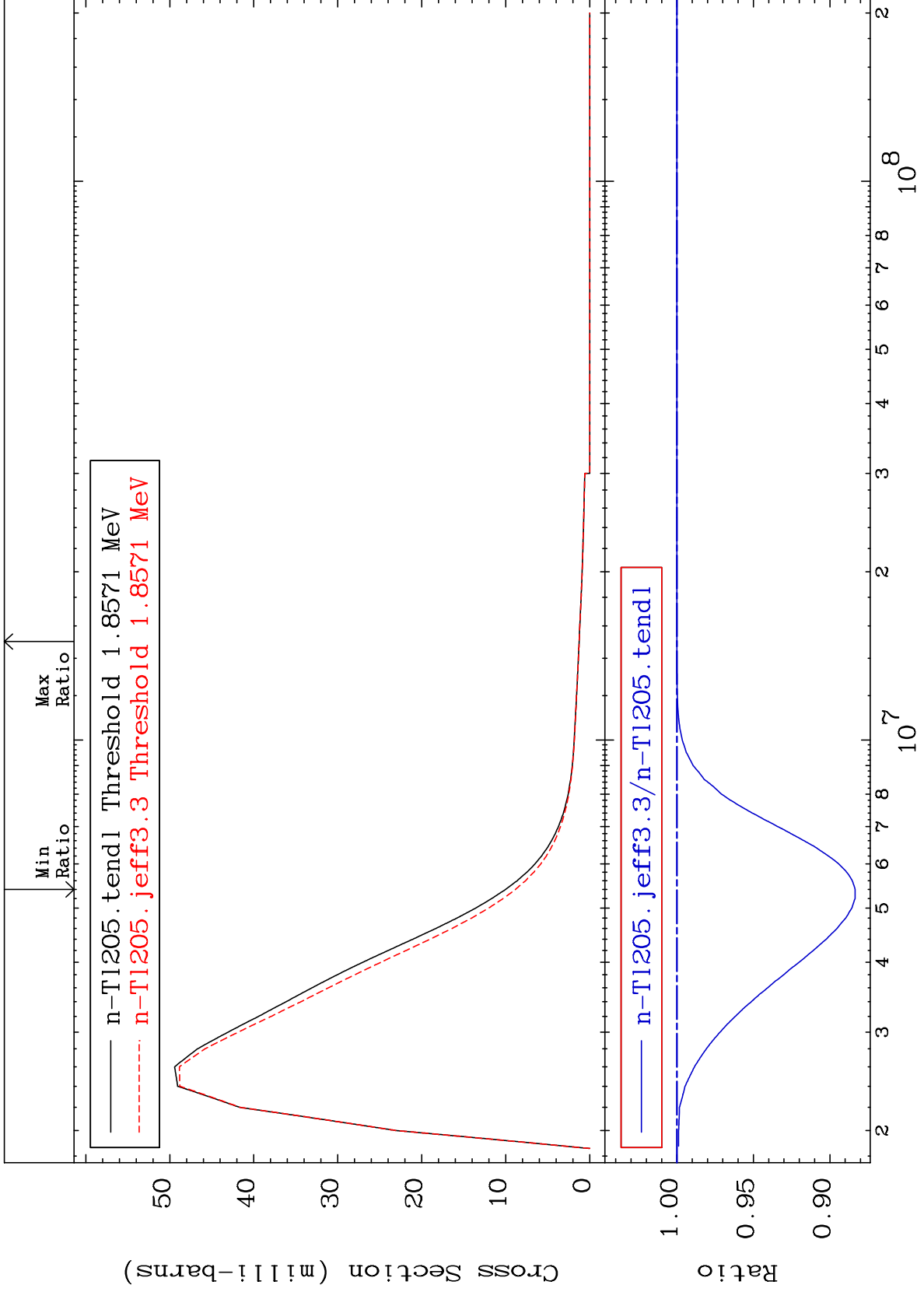
81-Tl-205
-22.59 To 274.8 %



MAT 8131

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

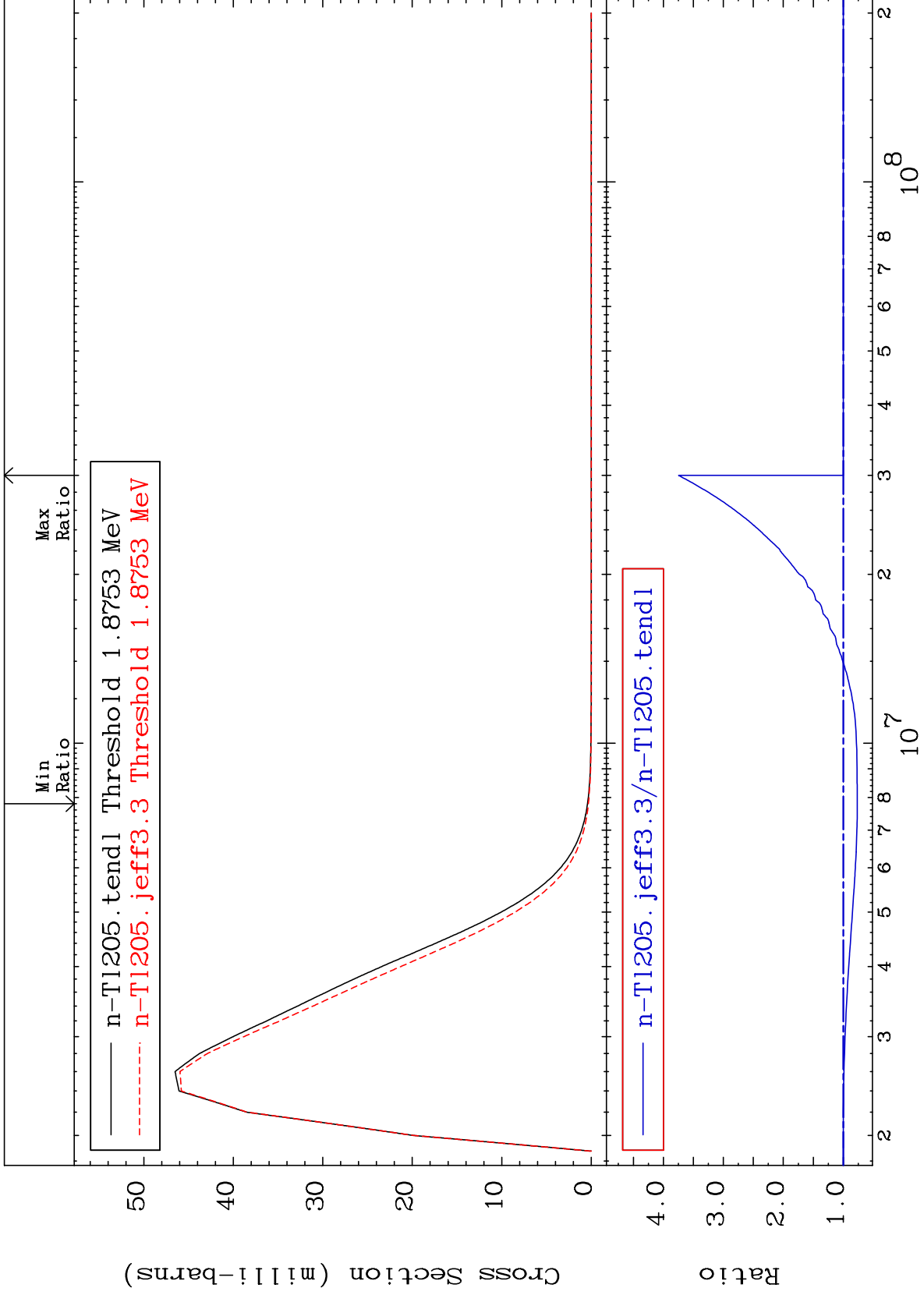
81-Tl-205
-11.65 To 0.000 %



MAT 8131

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

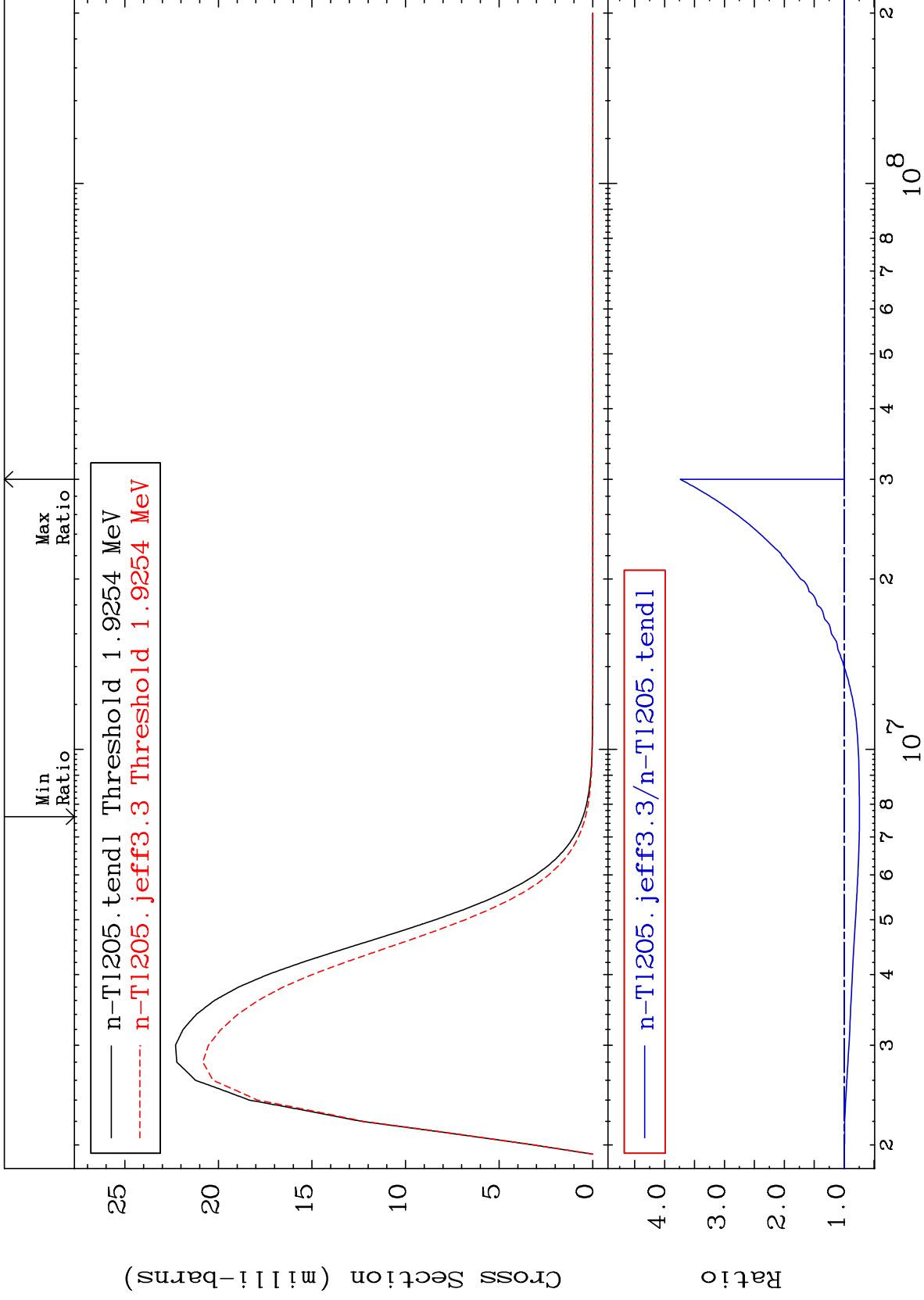
81-Tl-205
-23.31 To 274.5 %



MAT 8131

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

81-Tl-205
-25.46 To 273.7 %



40

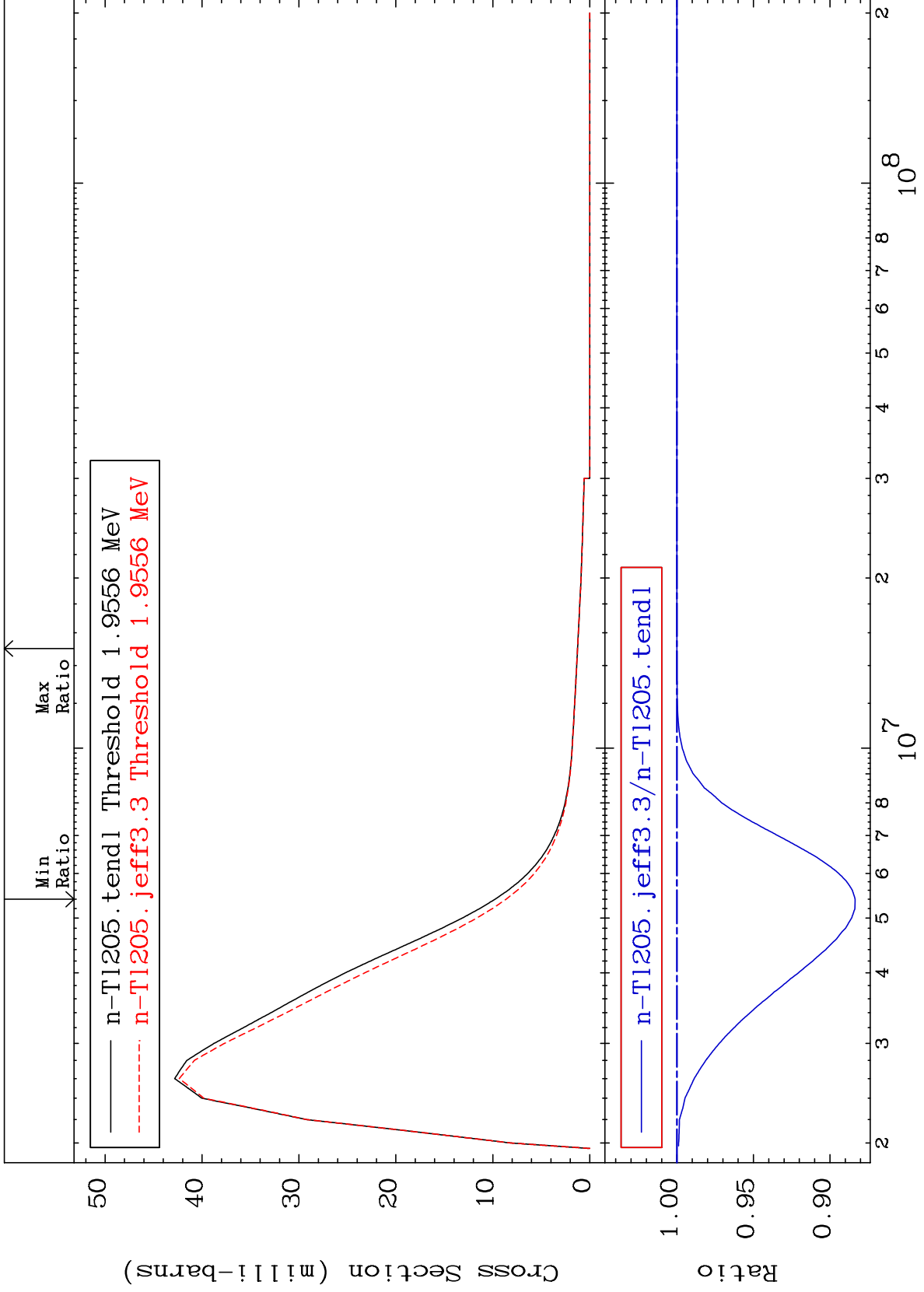
Incident Energy (eV)

81-Tl-205

MAT 8131

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

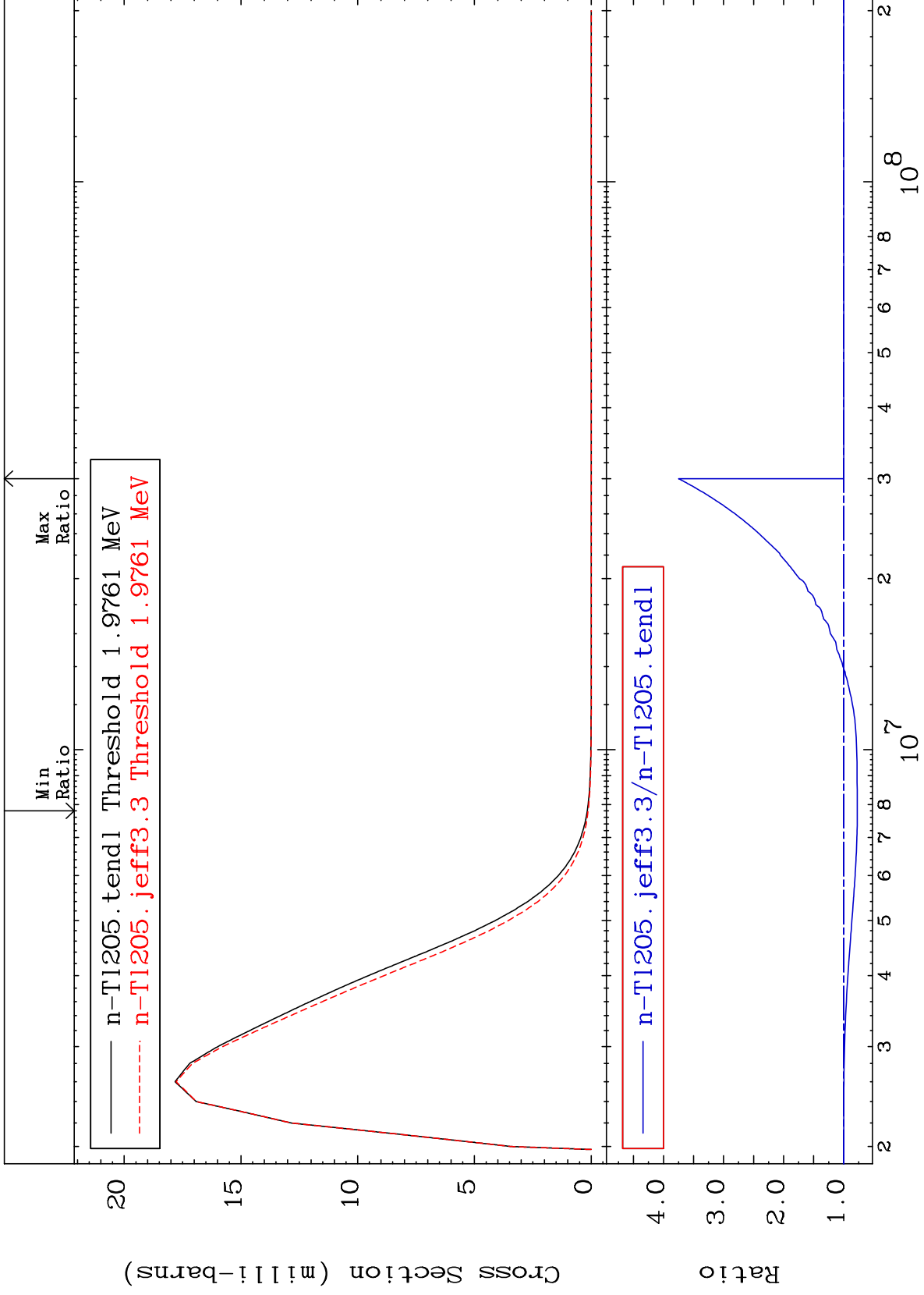
81-Tl-205
-11.64 To 0.000 %



MAT 8131

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

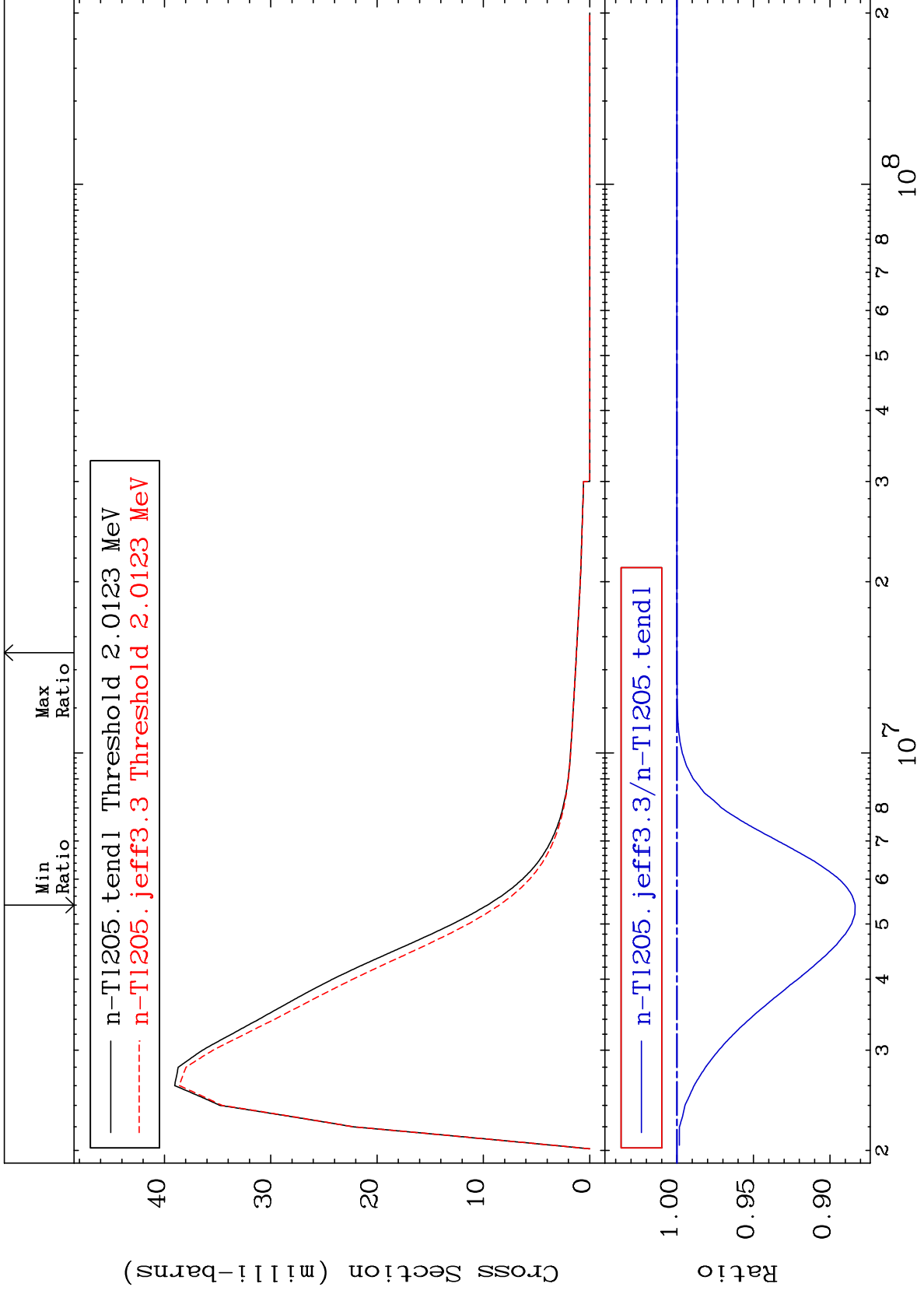
81-Tl-205
-22.56 To 274.8 %



MAT 8131

MT= 76 (n,n') Level
Cross Section

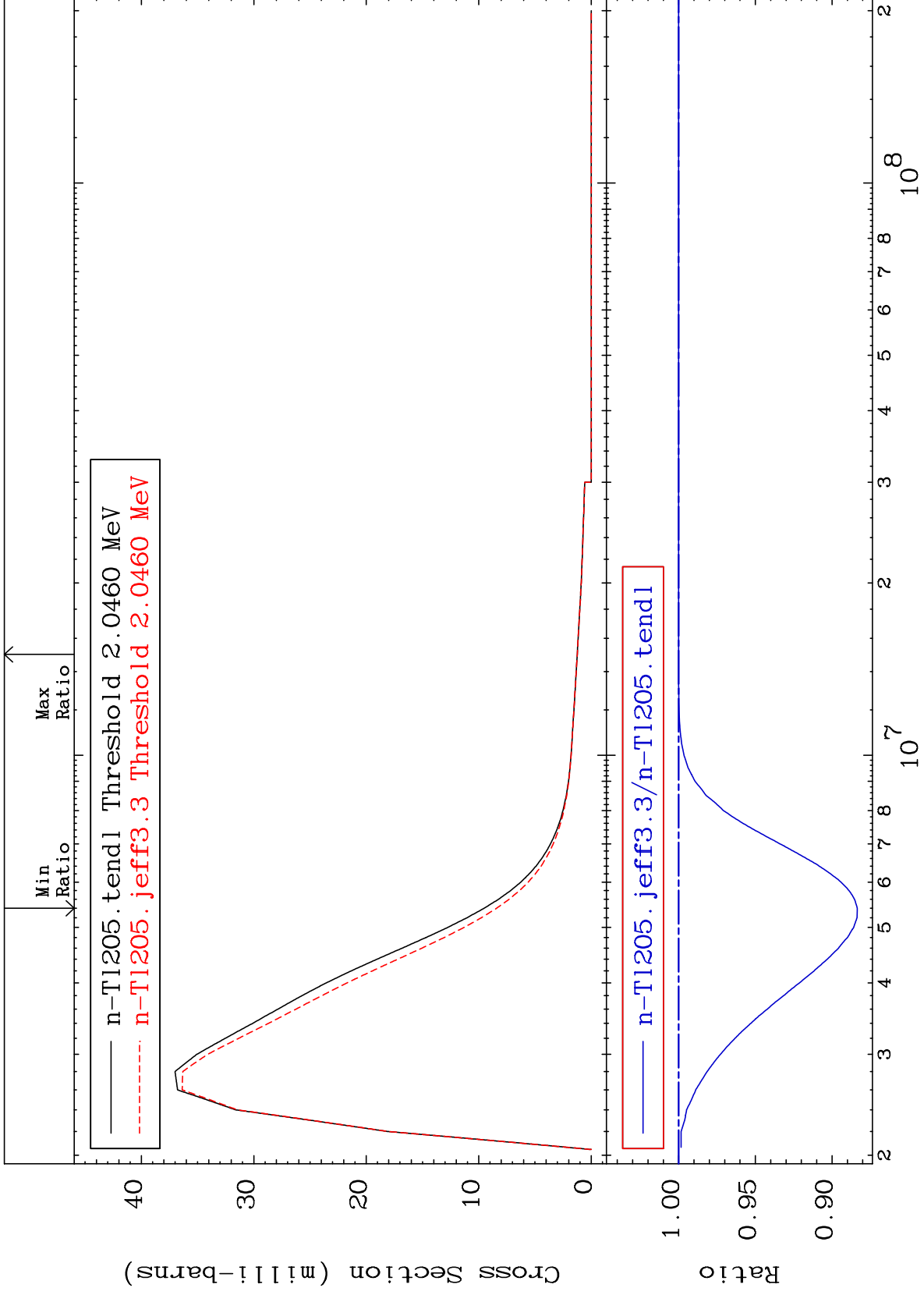
81-Tl-205
-11.64 To 0.000 %



MAT 8131

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

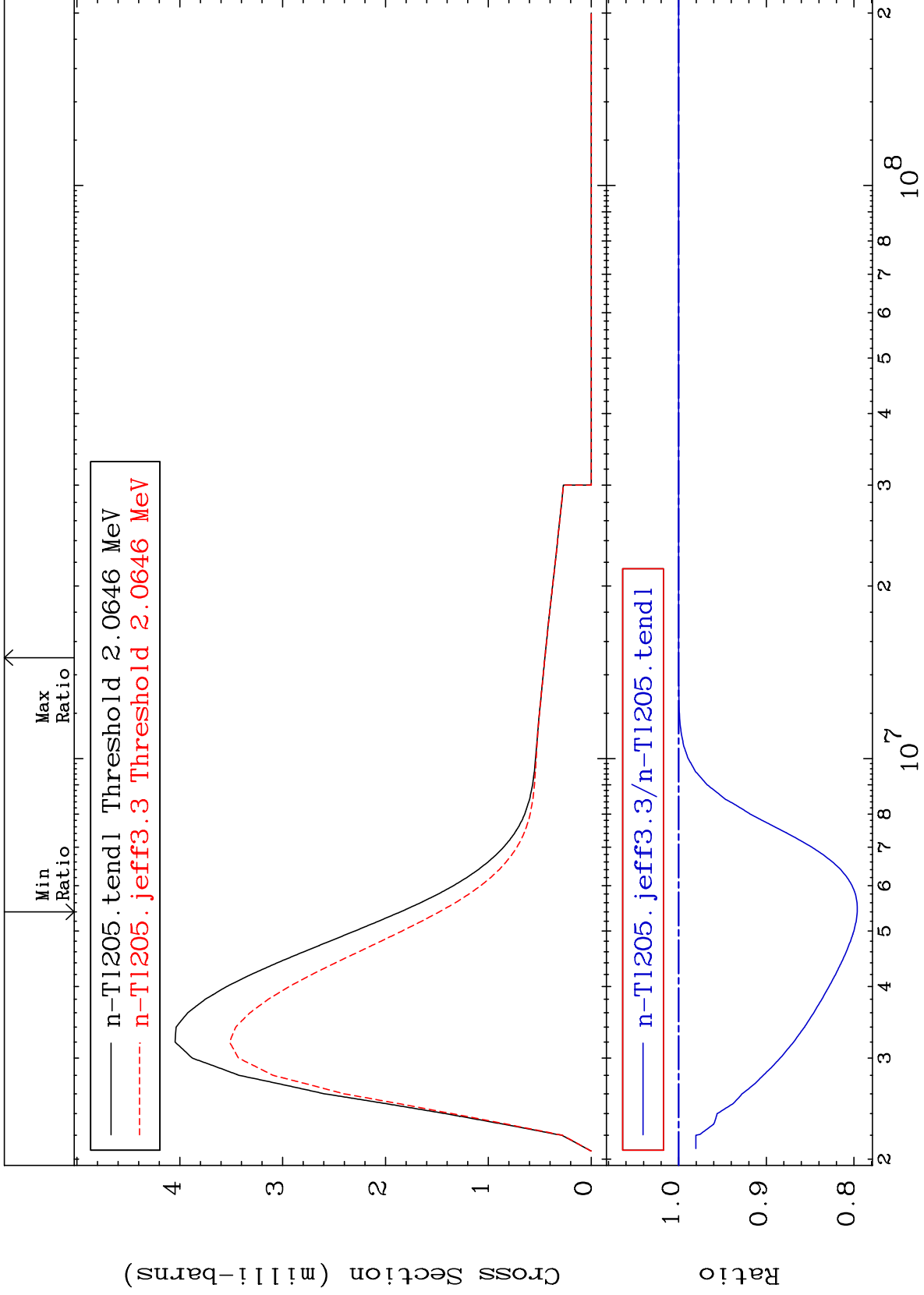
81-Tl-205
-11.64 To 0.000 %

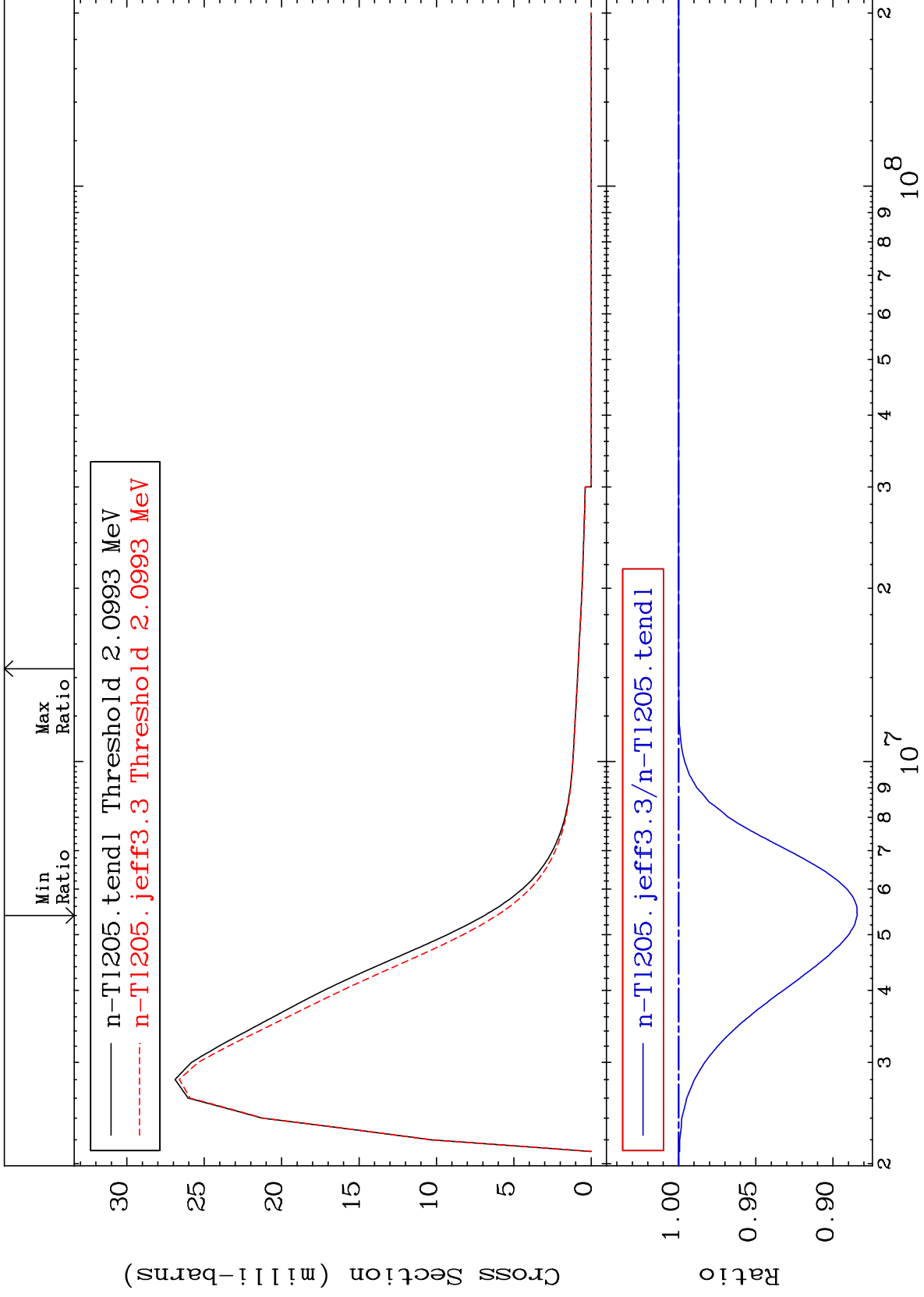


MAT 8131

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

81-Tl-205
-20.37 To 0.002 %

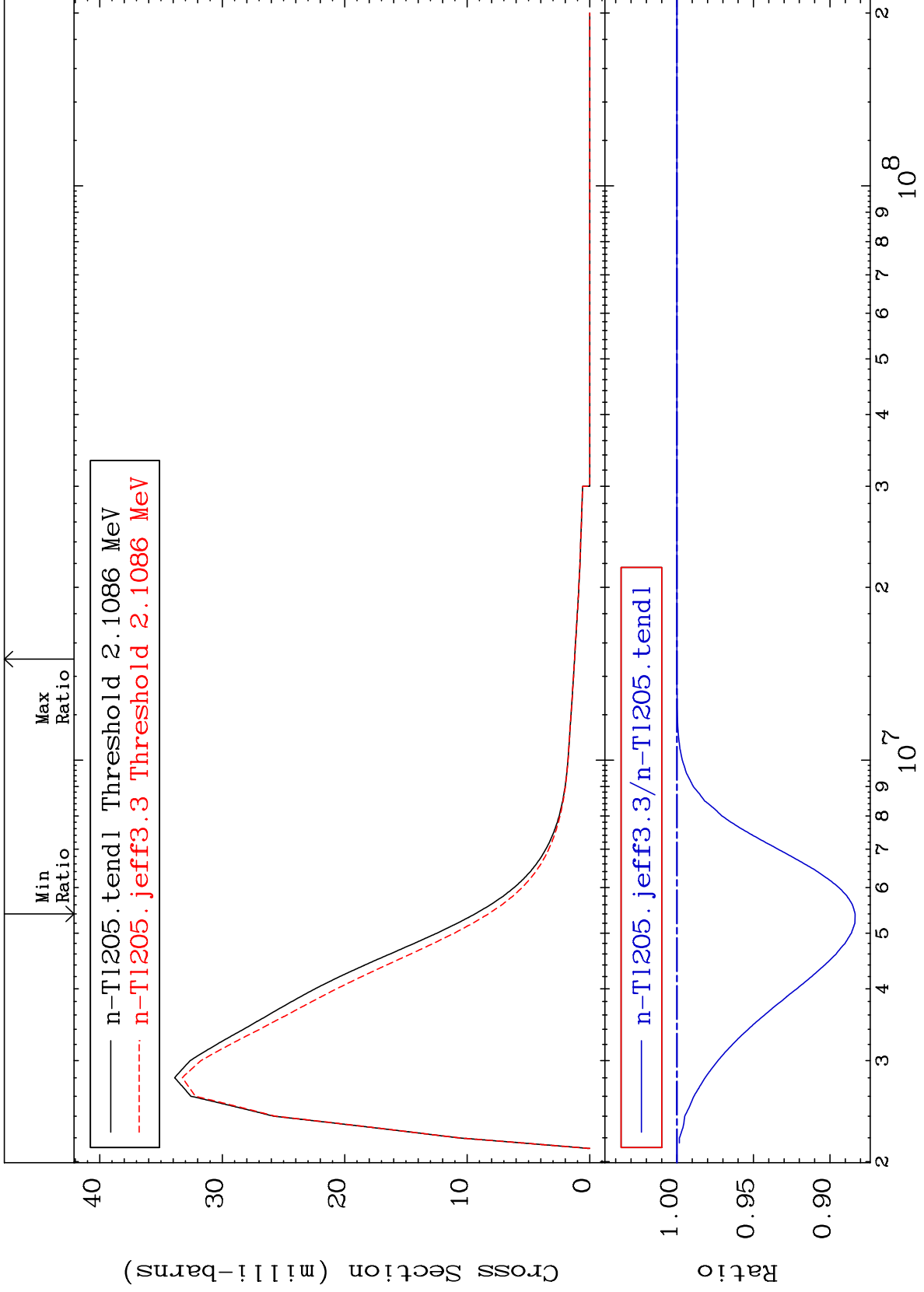




MAT 8131

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

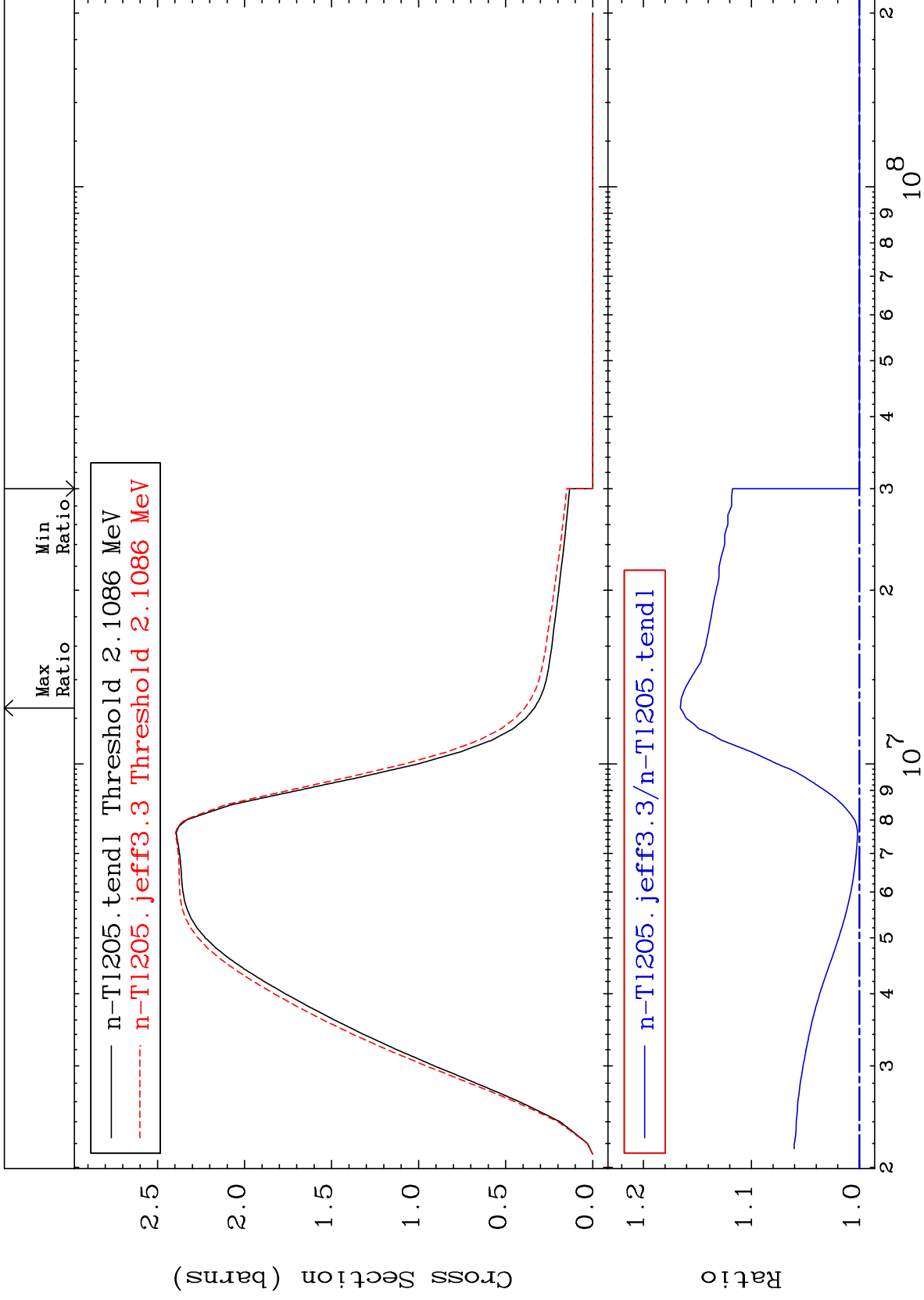
81-Tl-205
-11.64 To 0.000 %

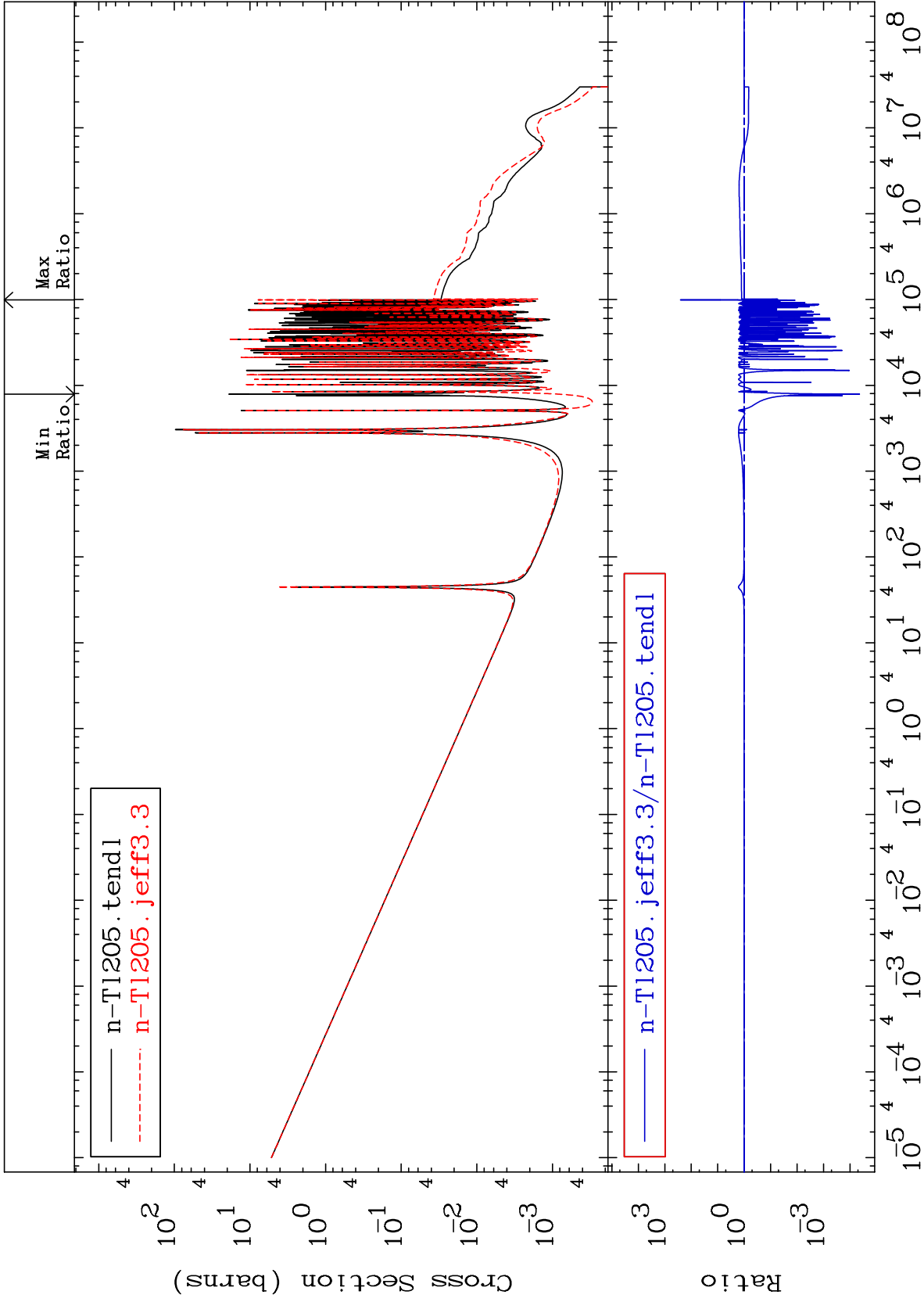


MAT 8131

(n, n') Continuum
Cross Section

81-Tl-205
0.000 To 16.58 %





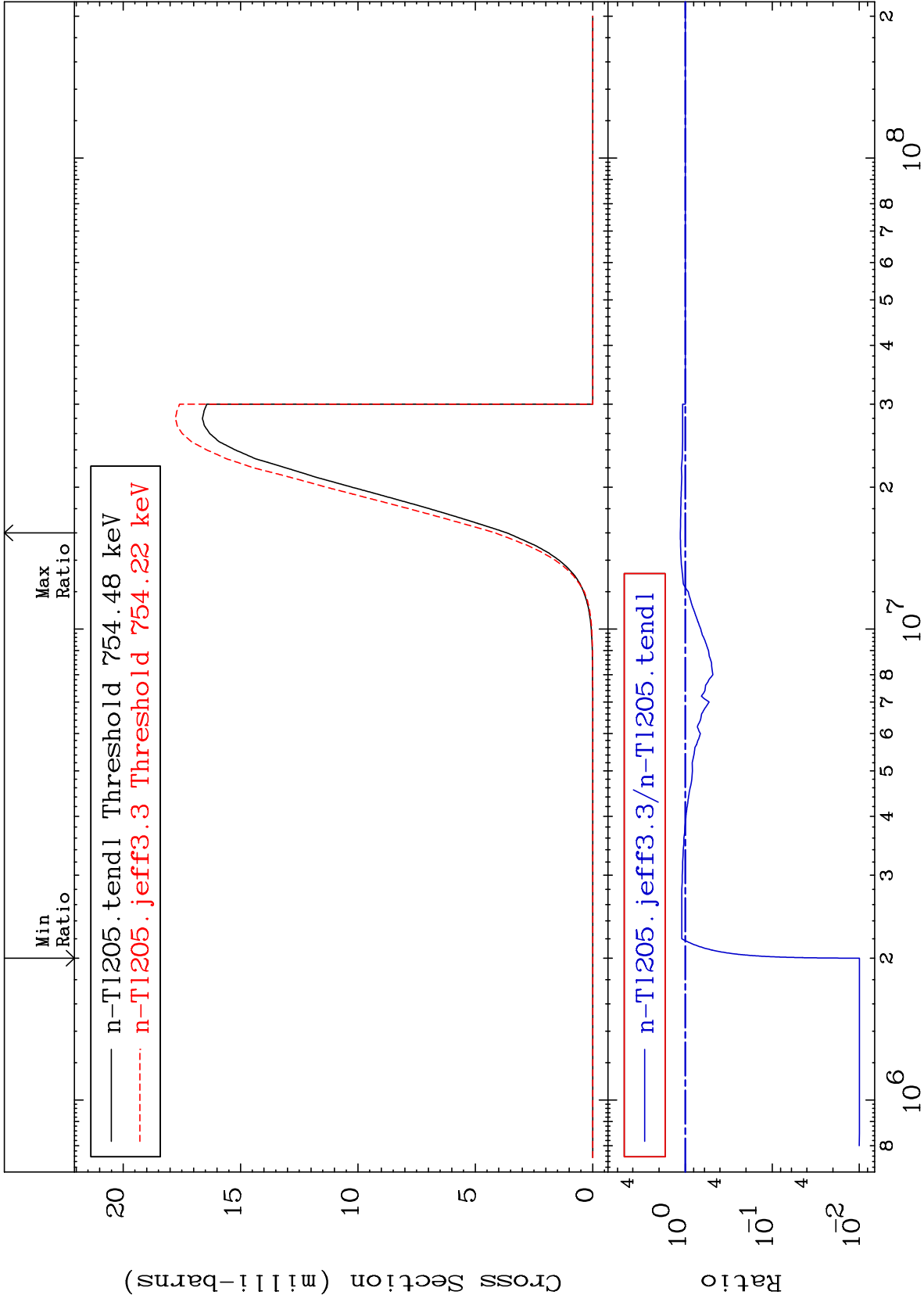
MAT 8131

(n, p)

81-Tl-205

Cross Section

-99.01 To 13.71 %



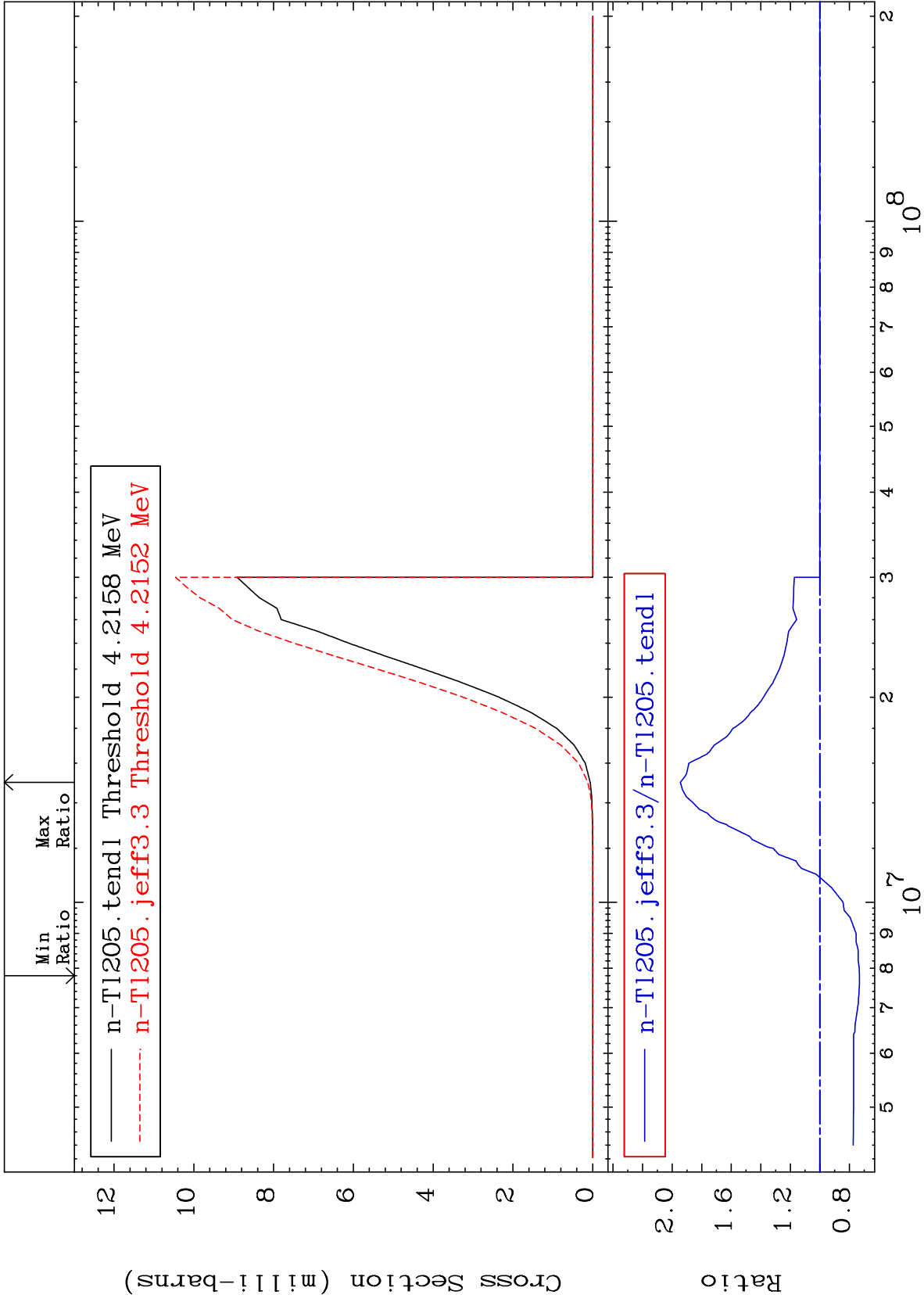
50

Incident Energy (eV)

81-Tl-205

Cross Section

-26.77 To 94.44 %



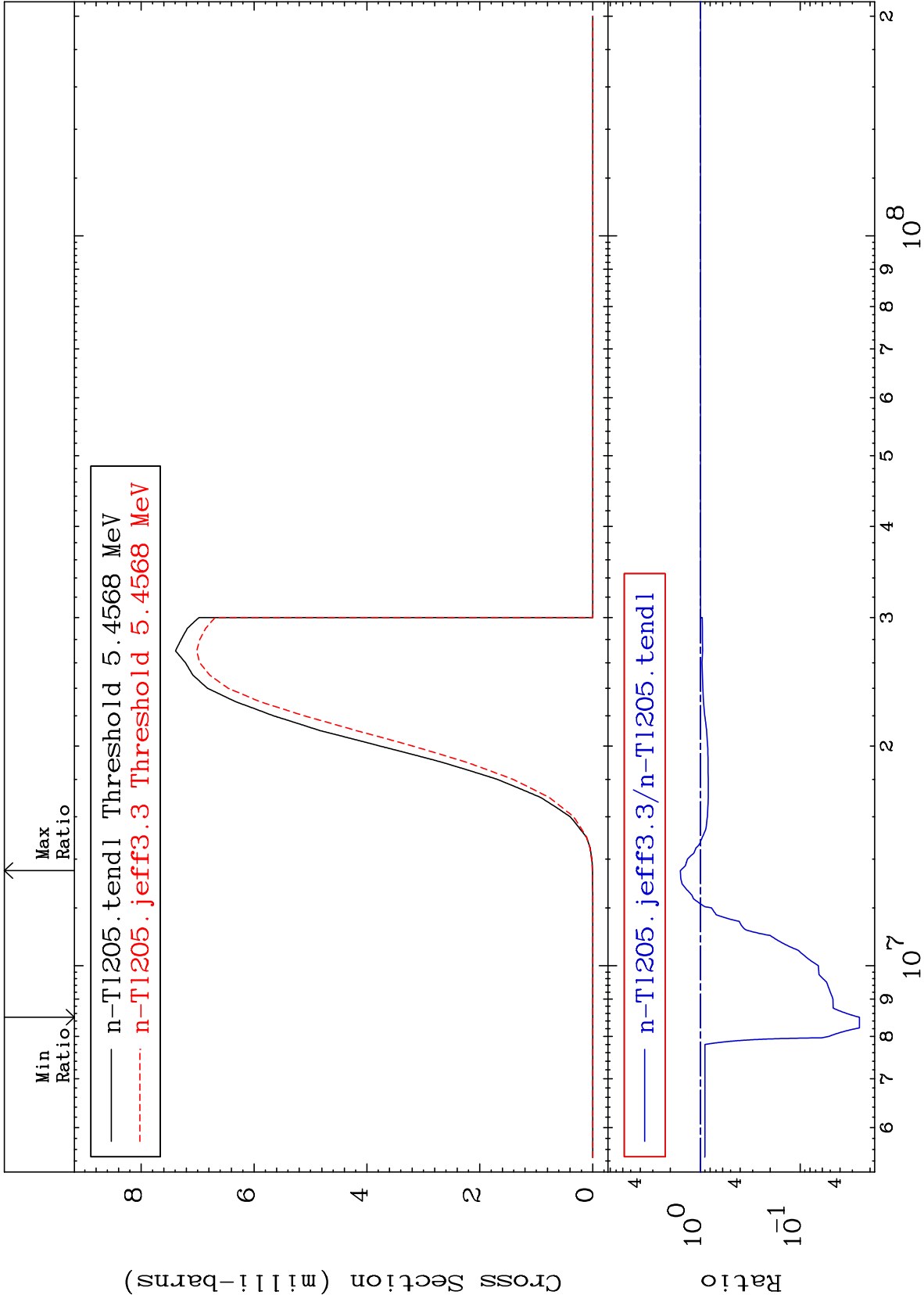
MAT 8131

(n, t)

81-Tl-205

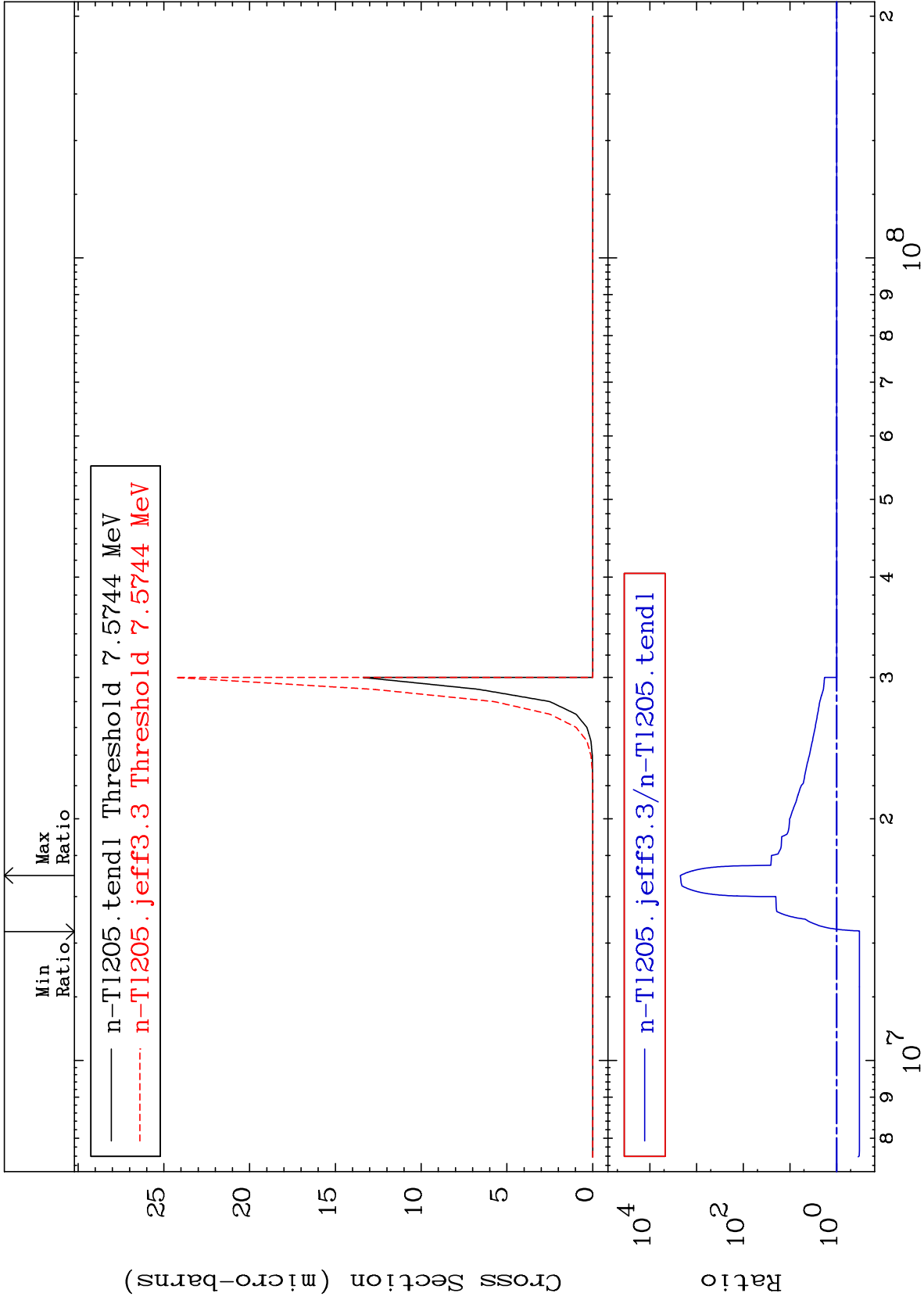
Cross Section

-97.45 To 58.94 %



Cross Section

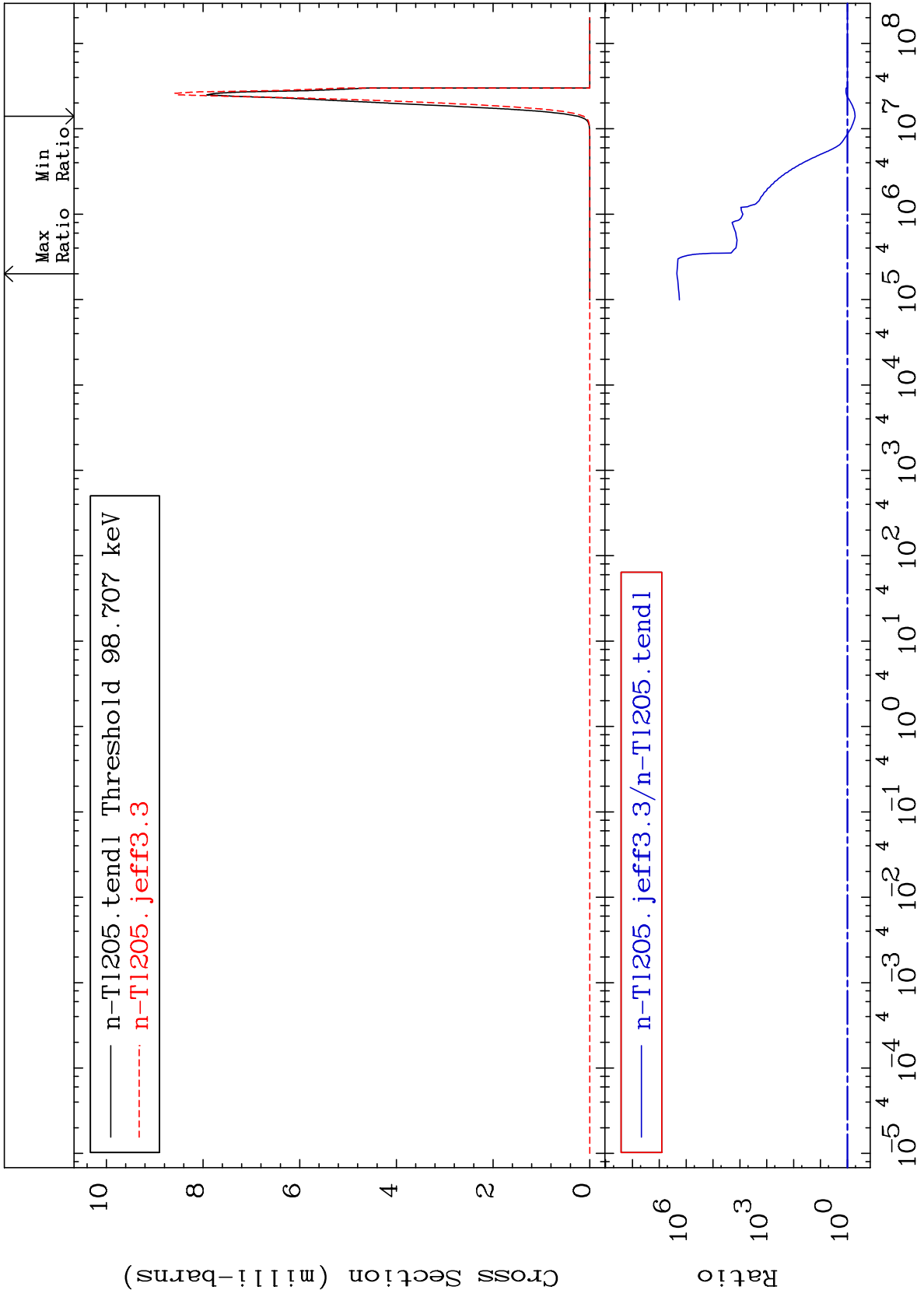
-67.40 To 9999. %



MAT 8131

(n, α)
Cross Section

81-Tl-205
-48.27 To 9999. %



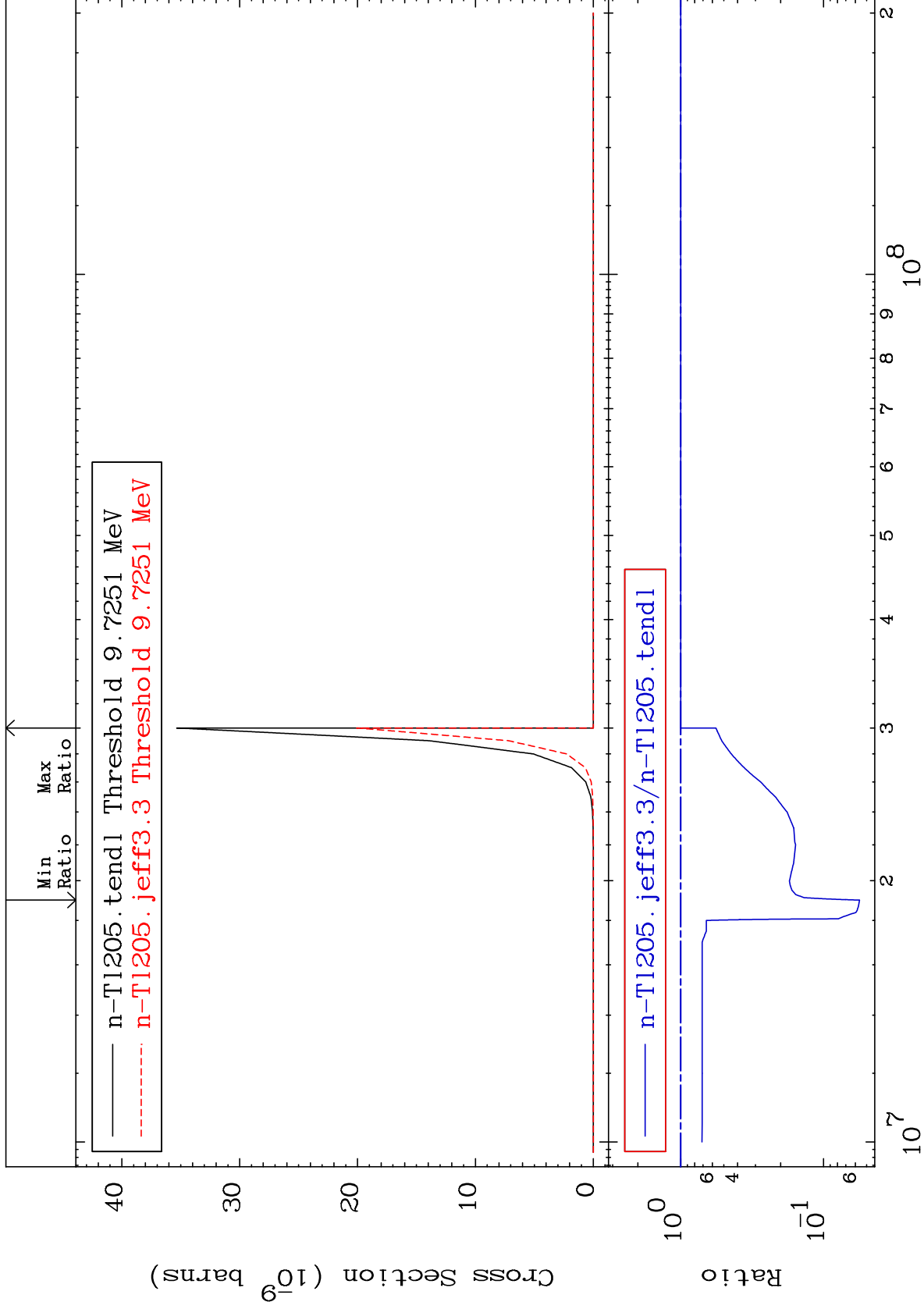
MAT 8131

(n,2p)

81-Tl-205

Cross Section

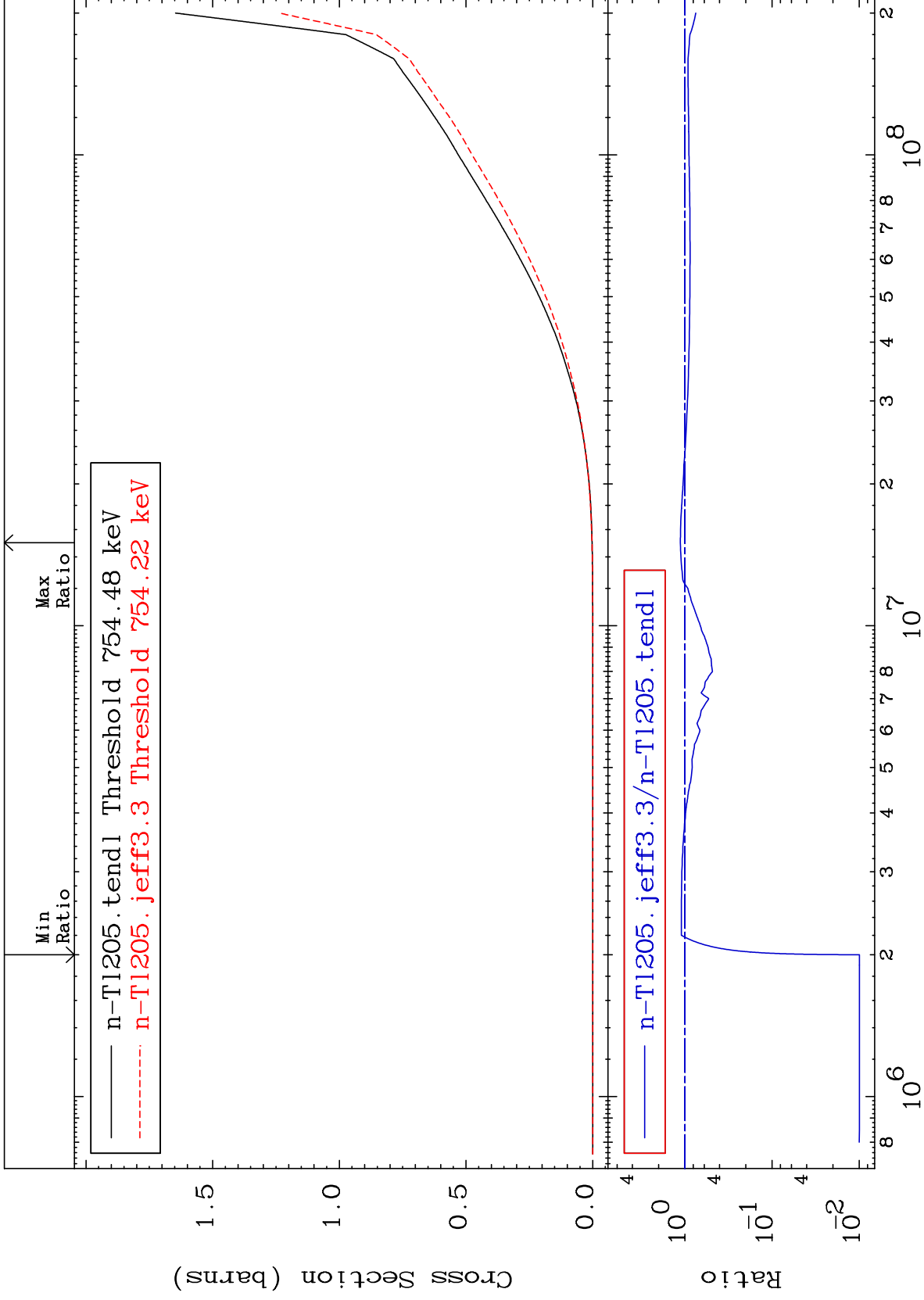
-94.40 To 0.000 %

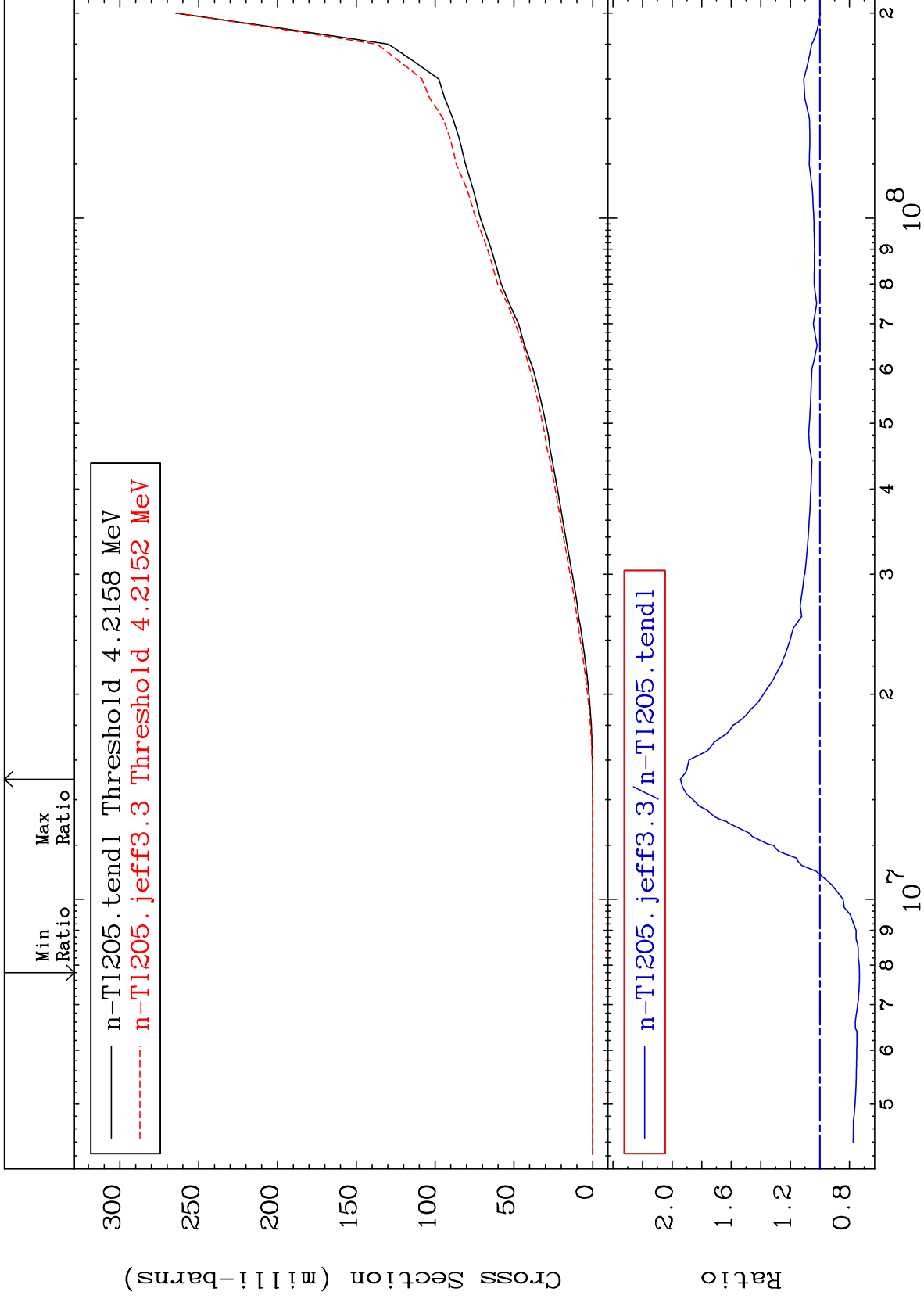


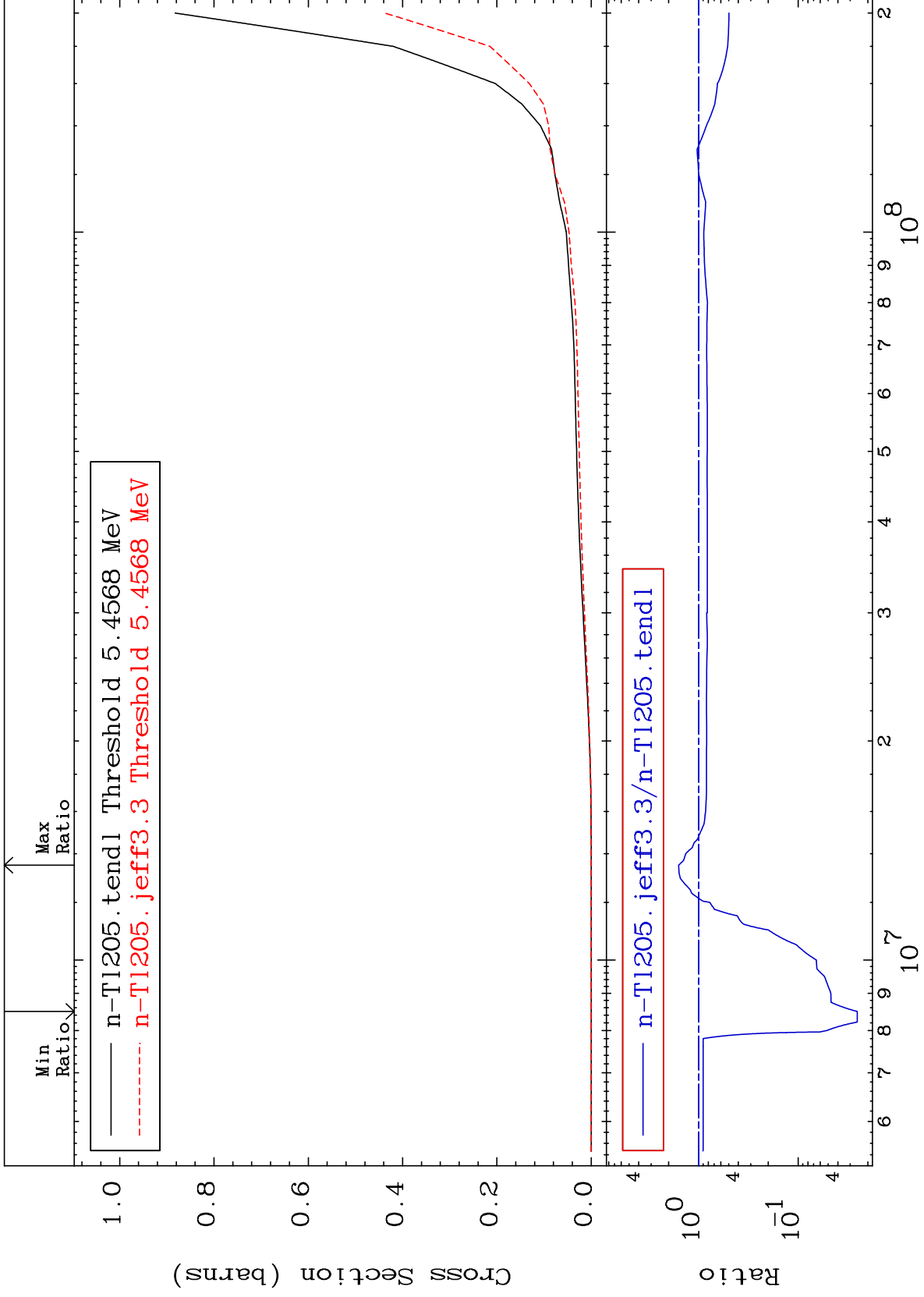
55

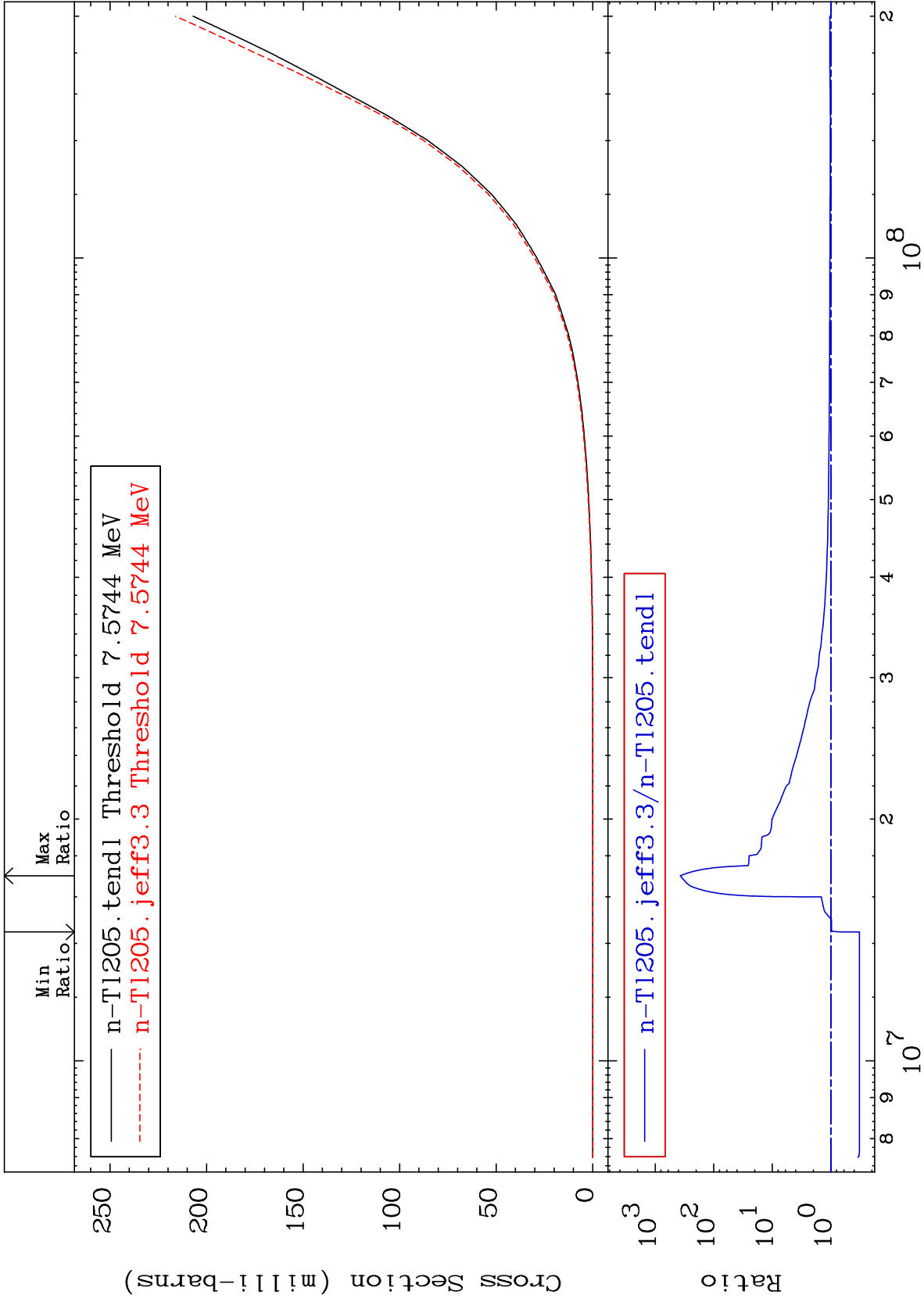
Incident Energy (eV)

81-Tl-205





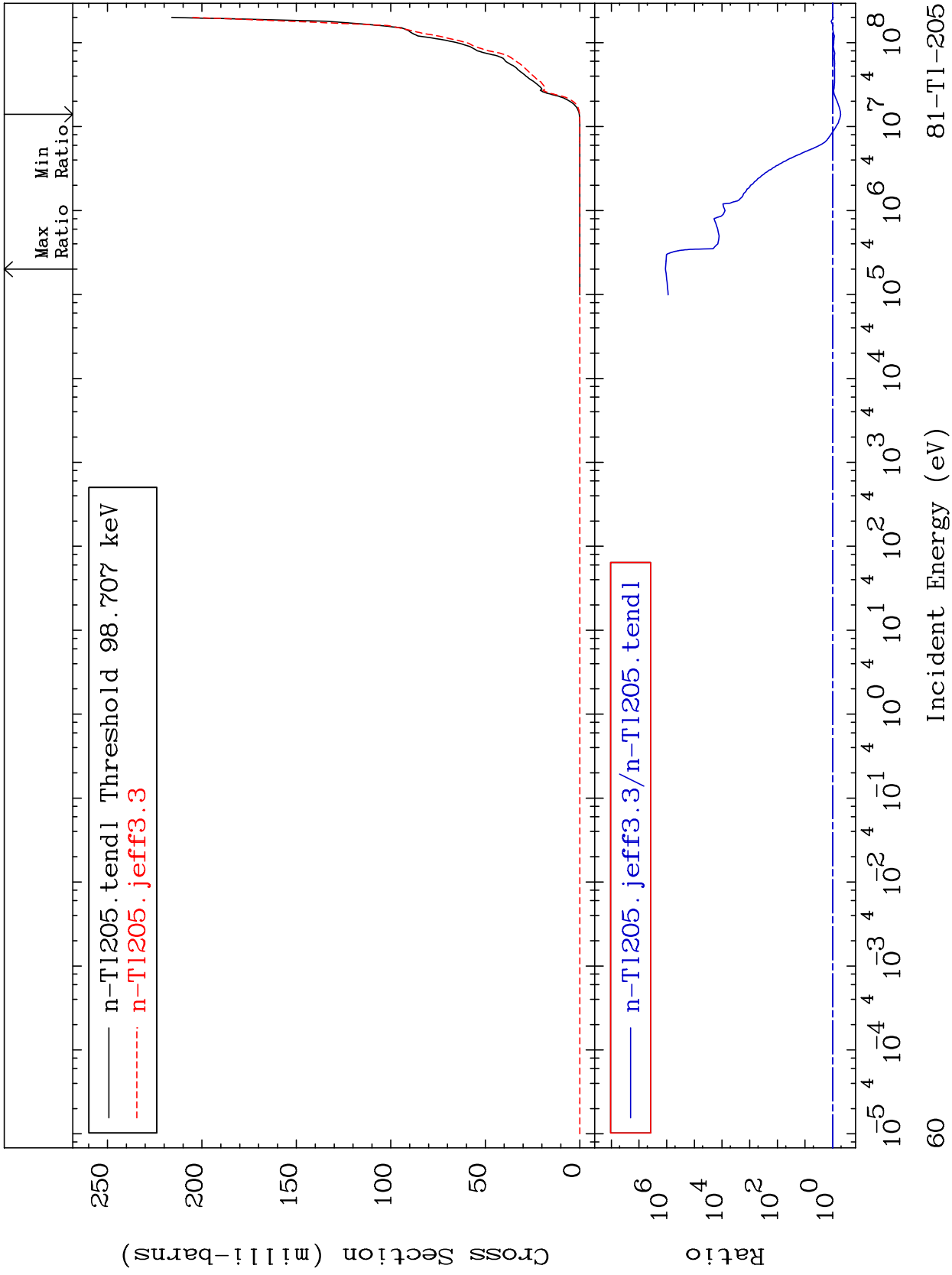




MAT 8131

He-4 Production
Cross Section

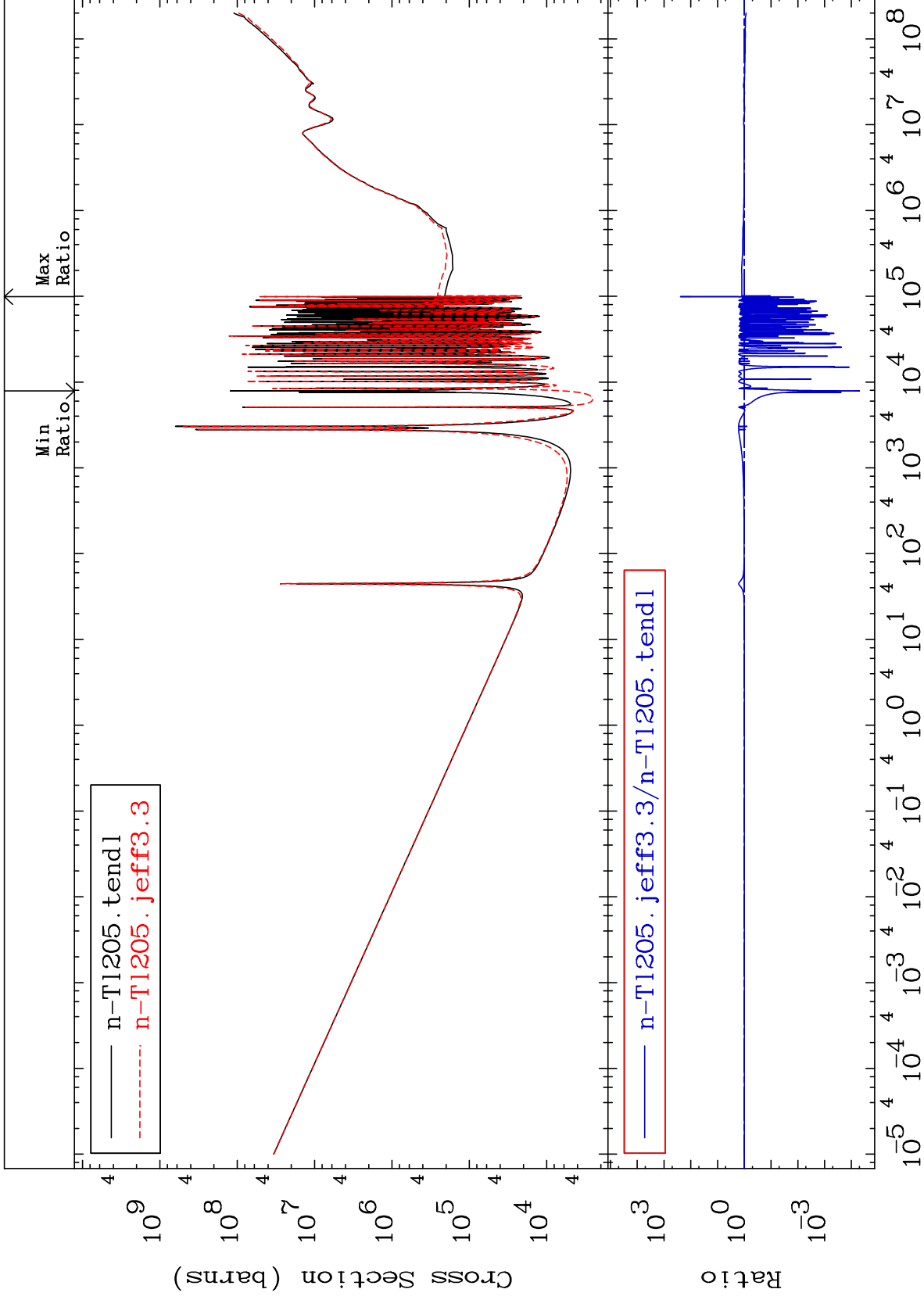
81-Tl-205
-48.34 To 9999. %



81-Tl-205

Incident Energy (eV)

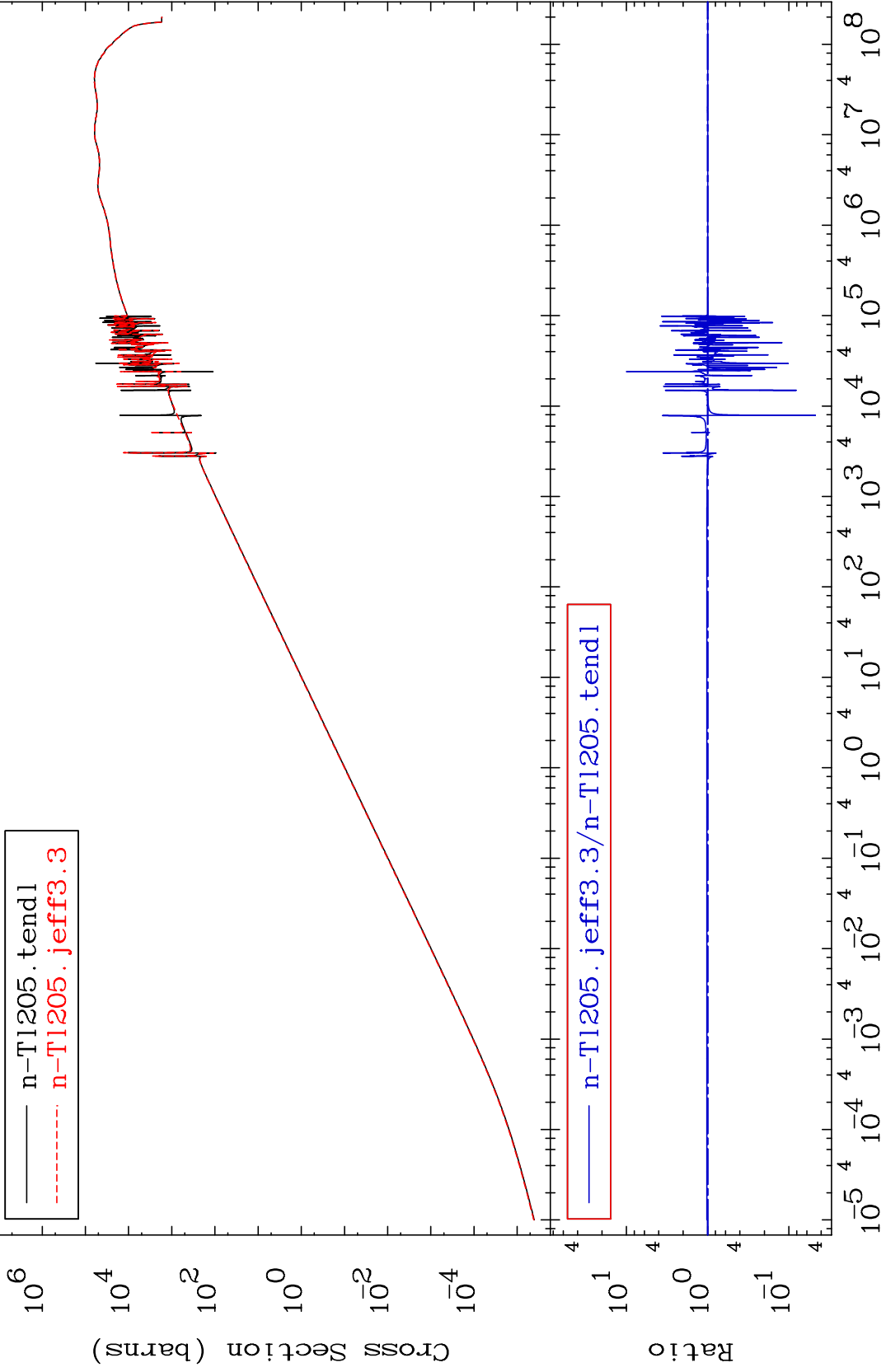
60



MAT 8131

Kerma elastic
Cross Section

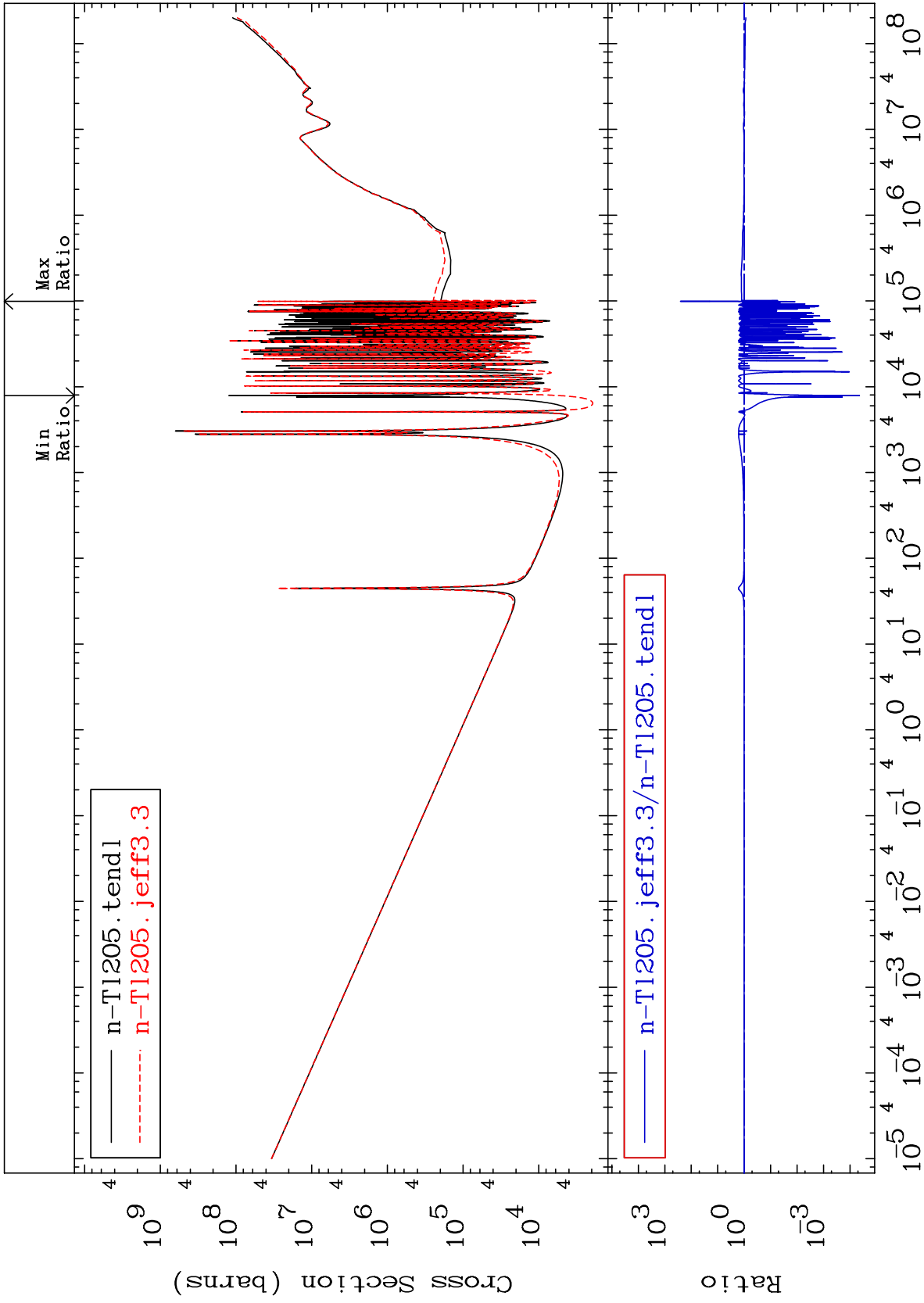
81-Tl-205
-95.30 To 893.9 %

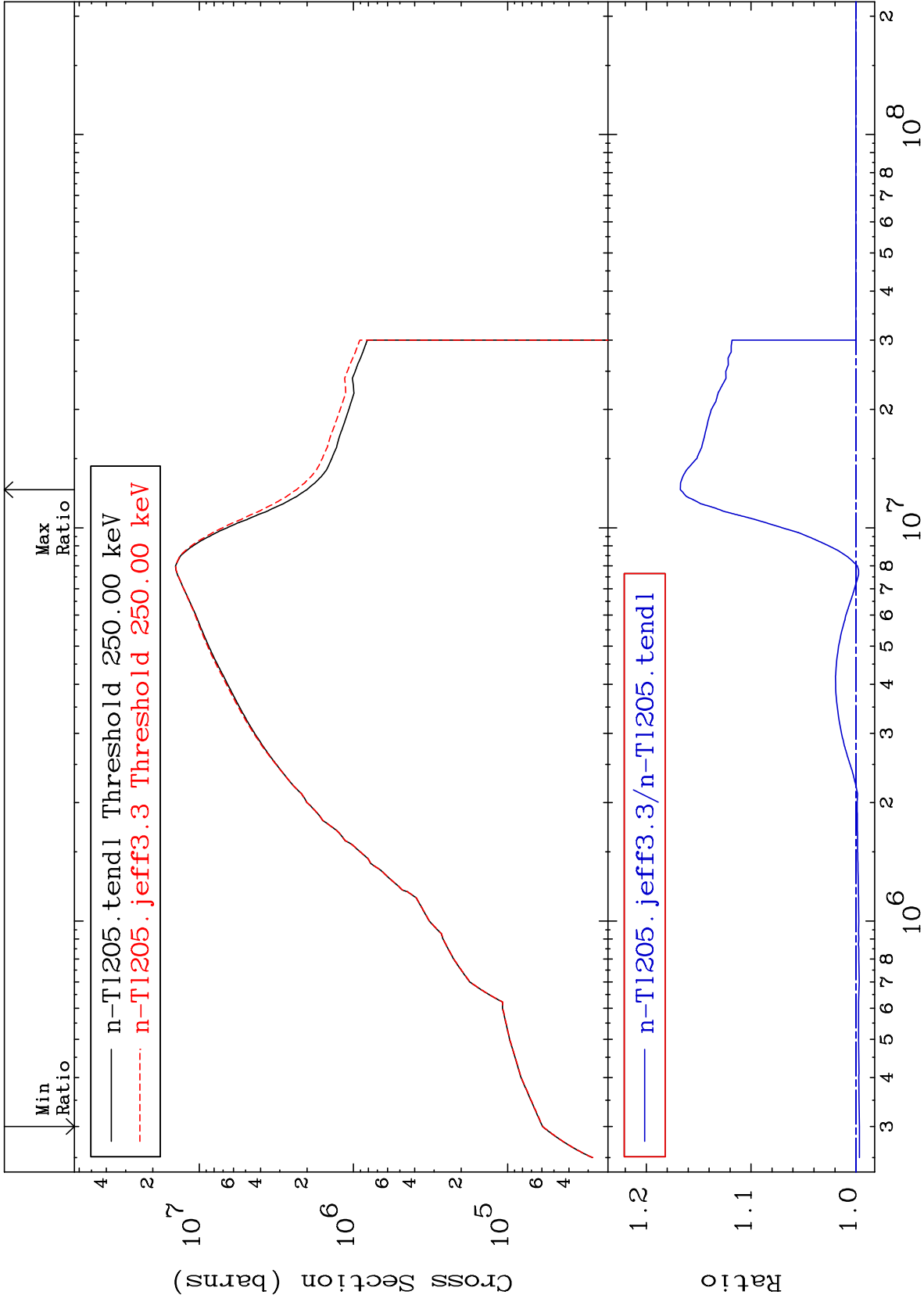


62

Incident Energy (eV)

81-Tl-205

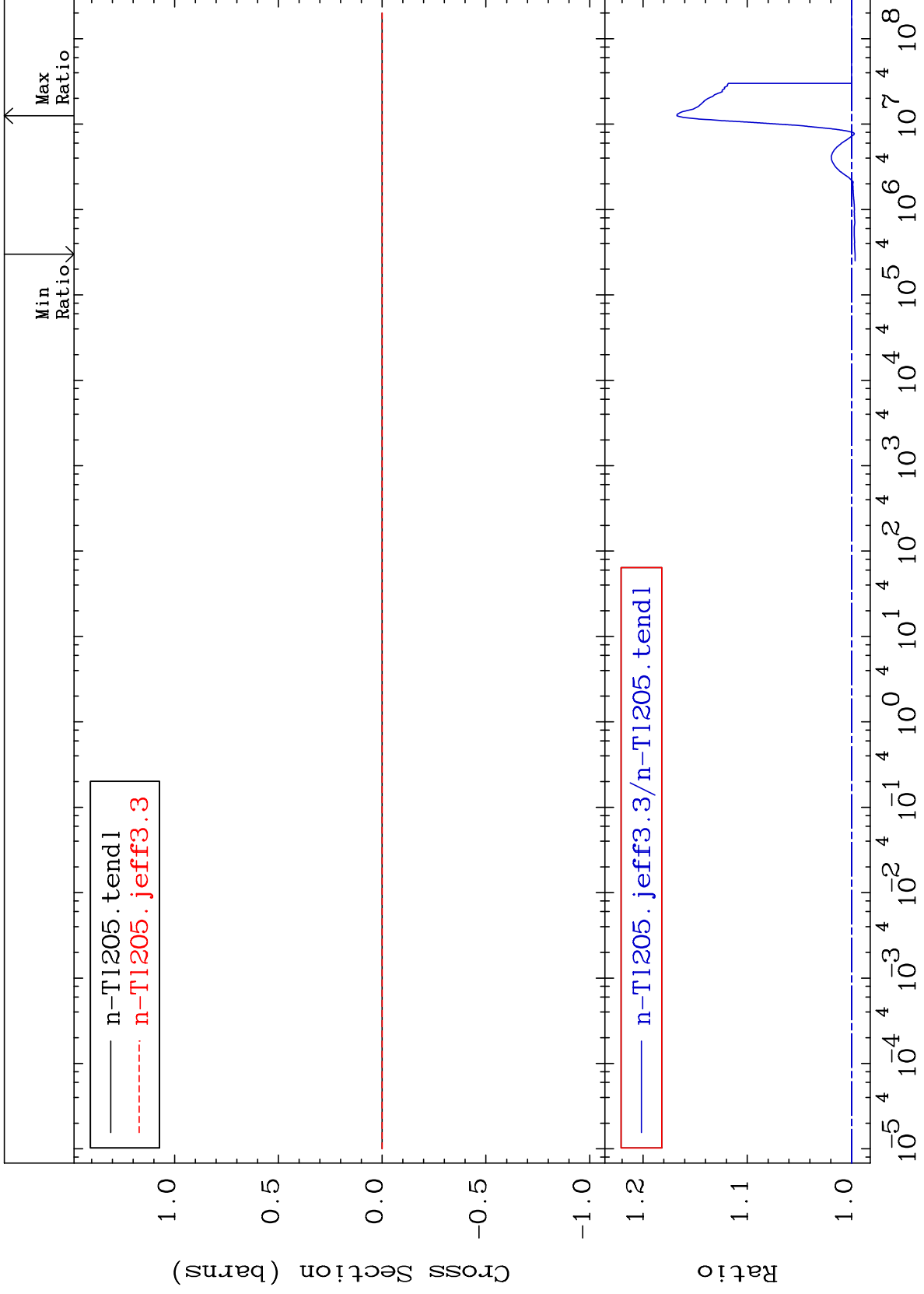


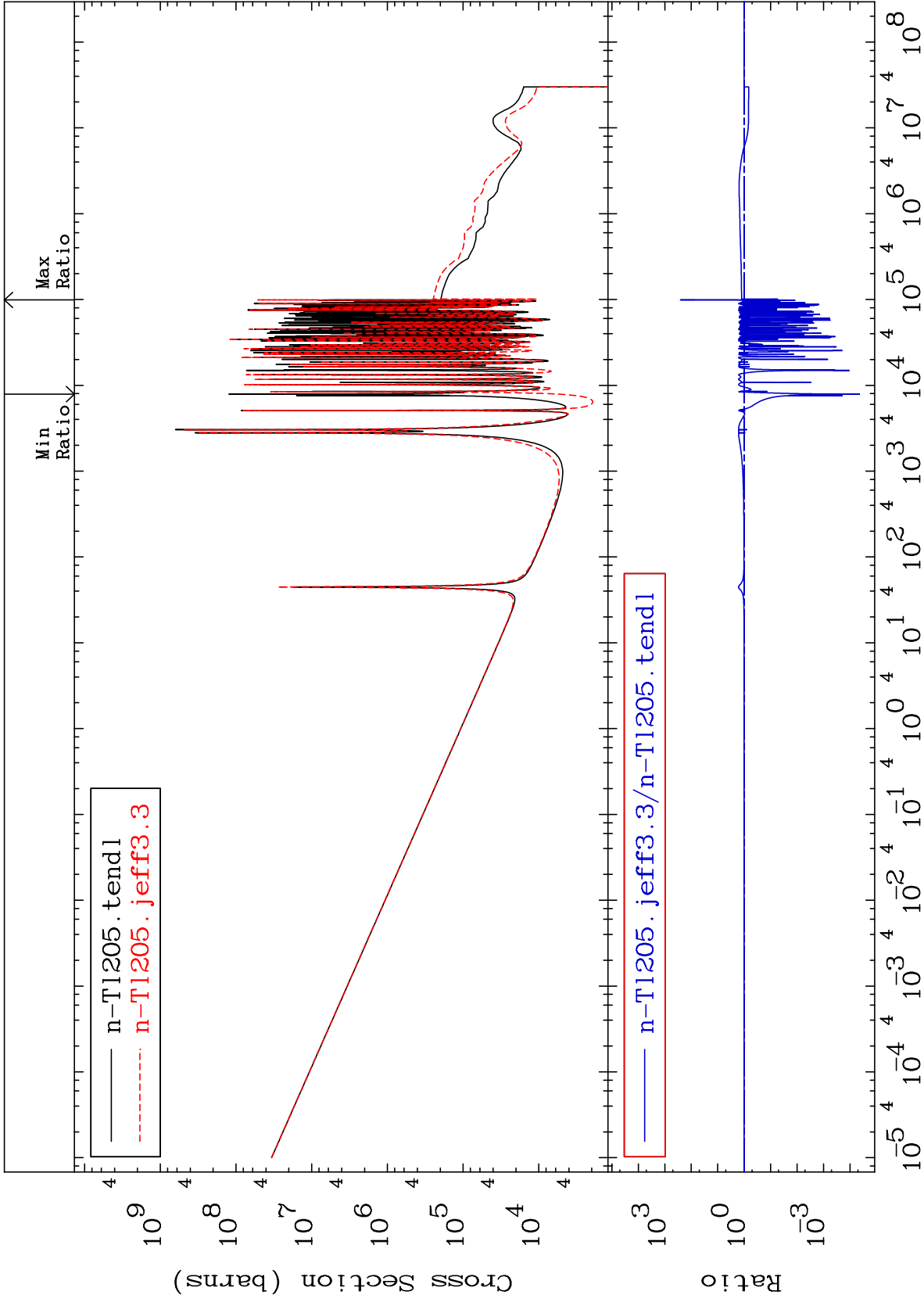


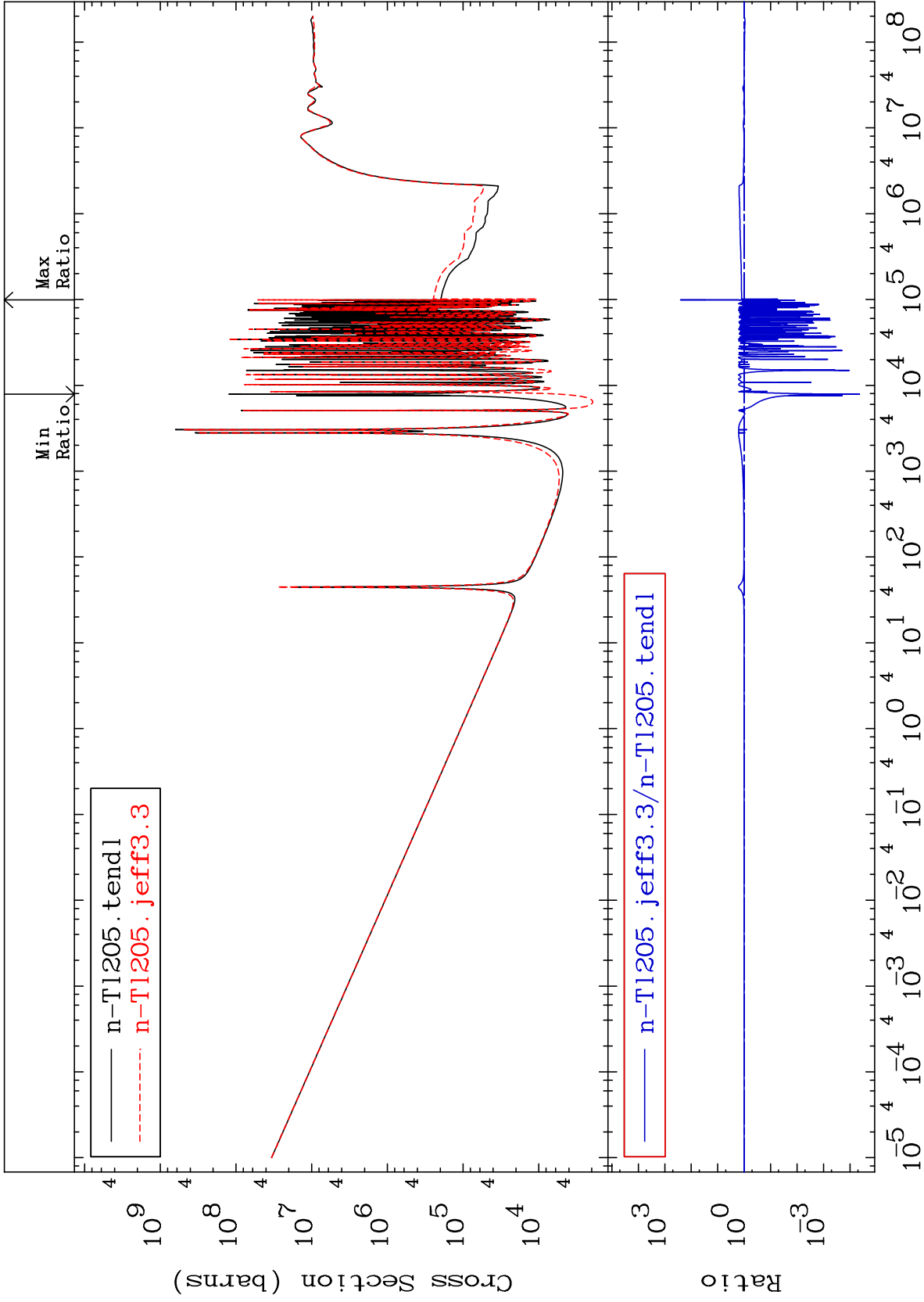
MAT 8131

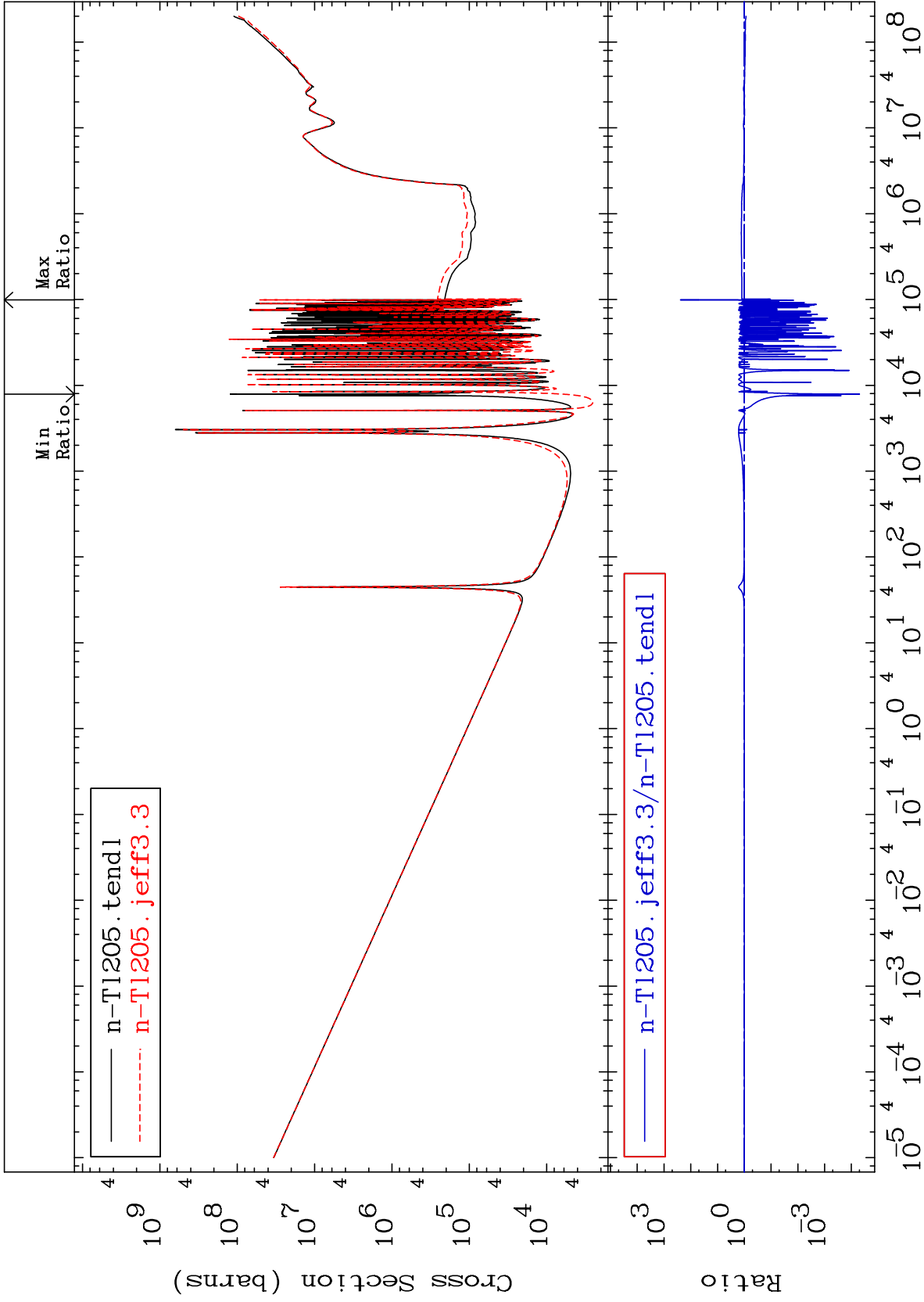
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

81-T1-205
-0.338 To 16.75 %





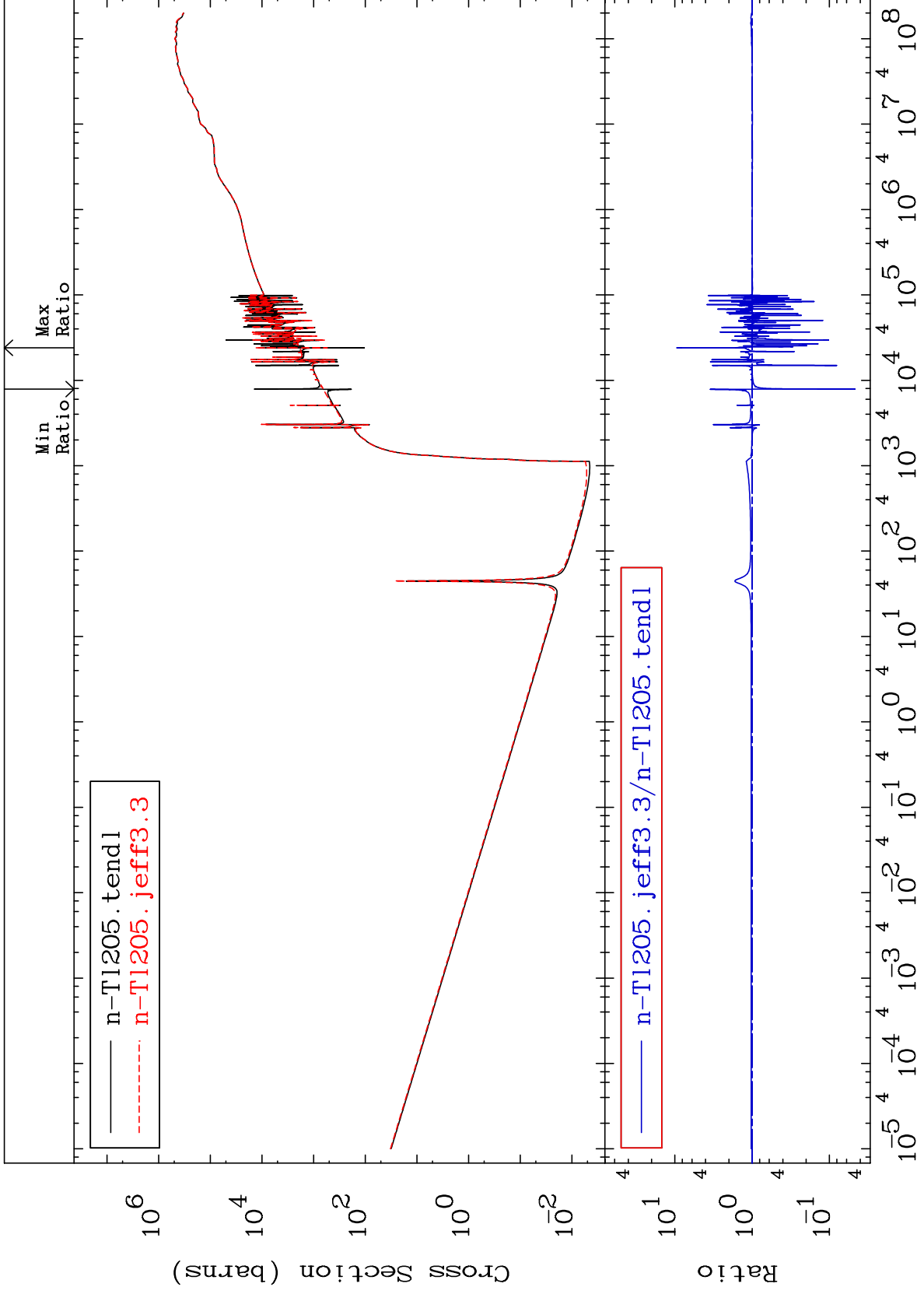


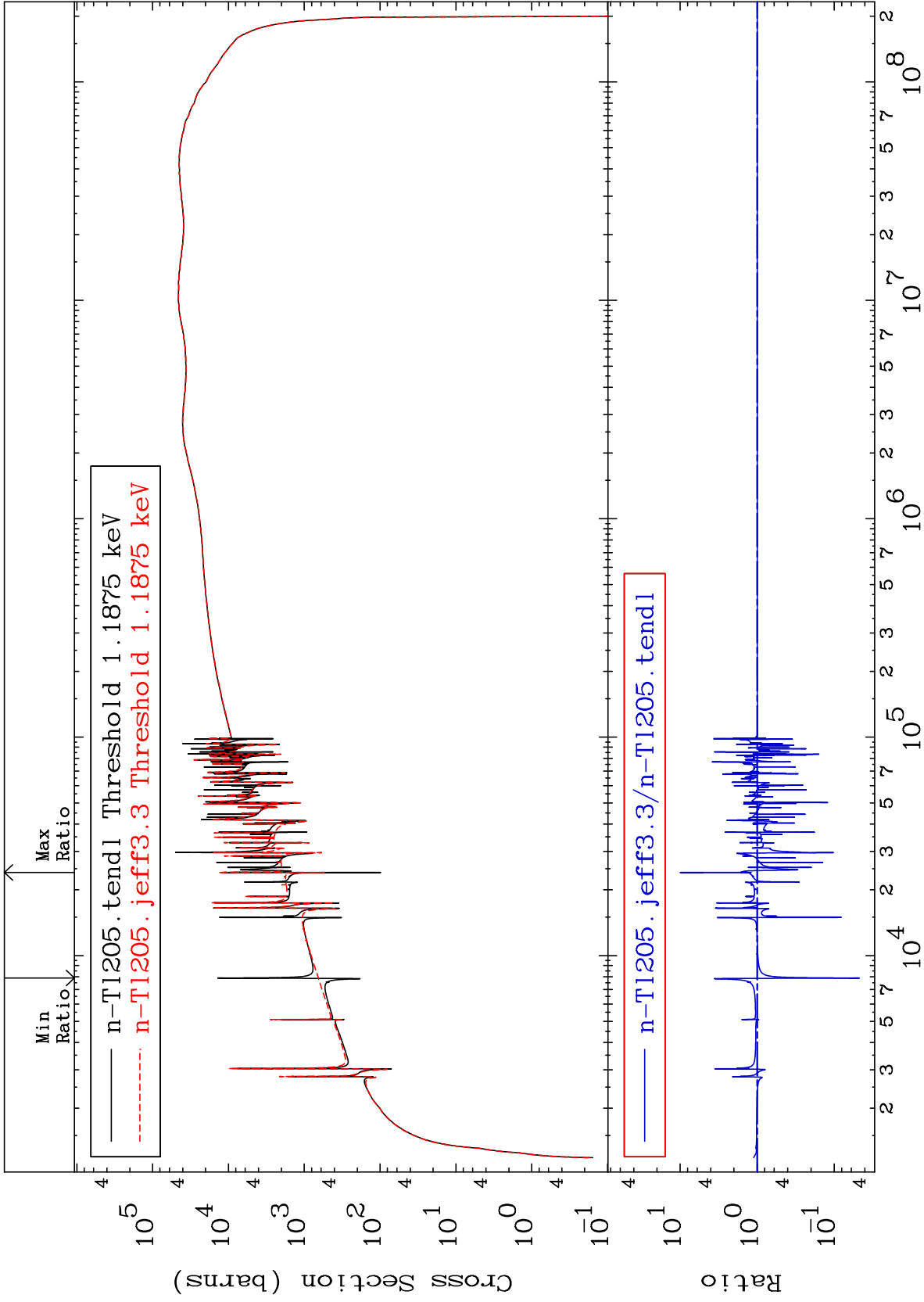


MAT 8131

Dpa total (eV-barns)
Cross Section

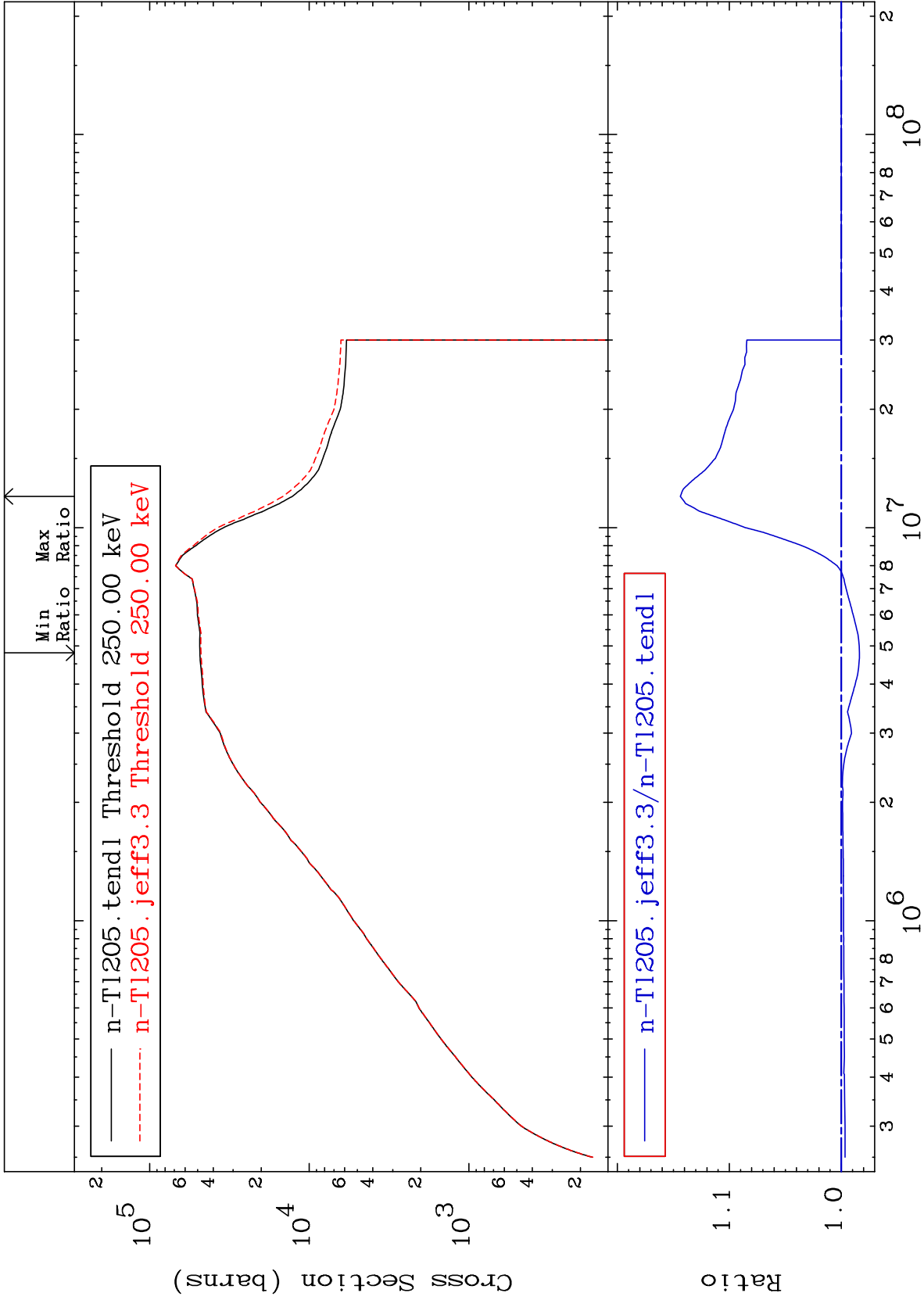
81-T1-205
-95.34 To 839.5 %

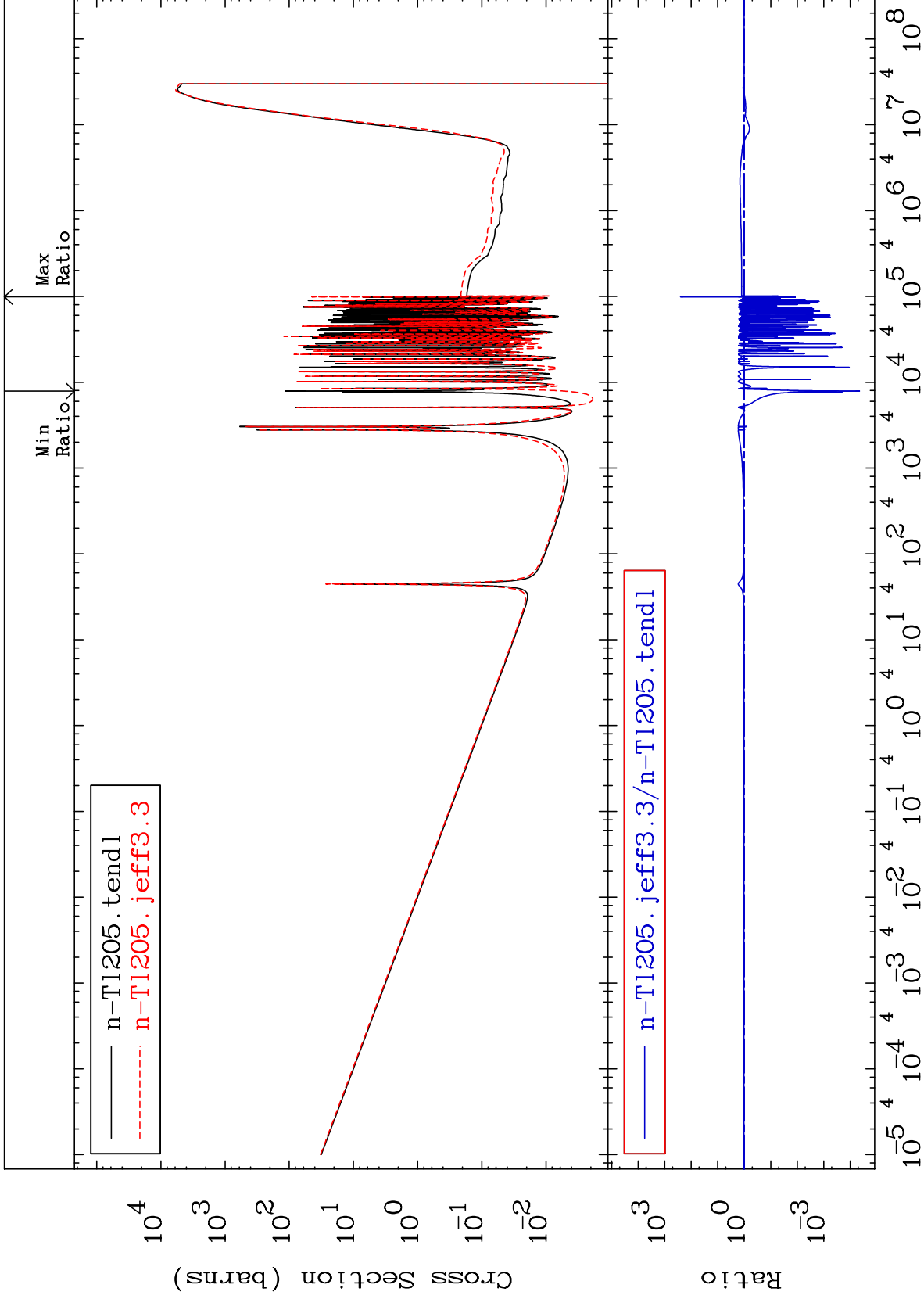




-1.620 To 14.37 %

Cross Section



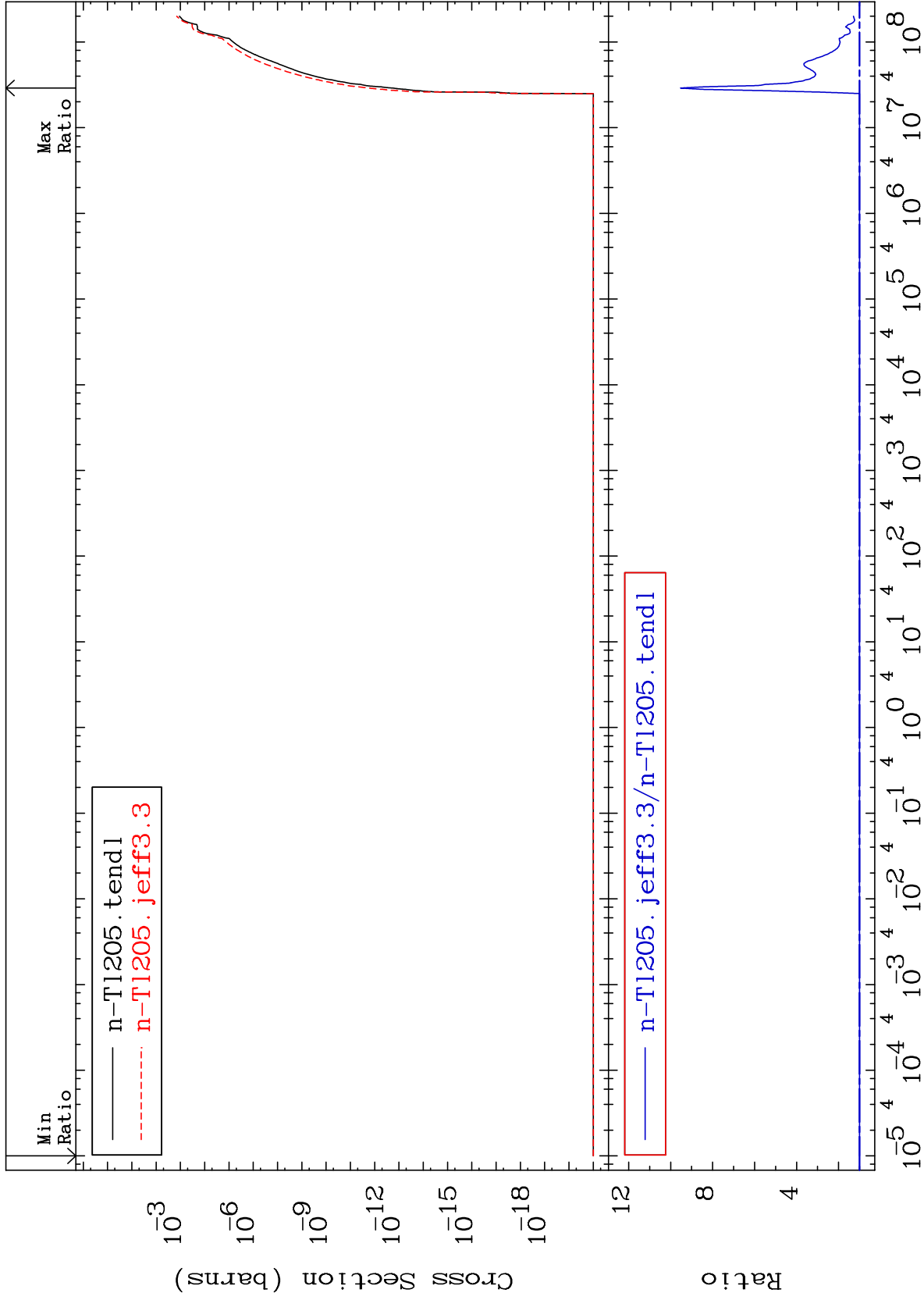


MAT 8131

Fission: Photon

81-Tl-205

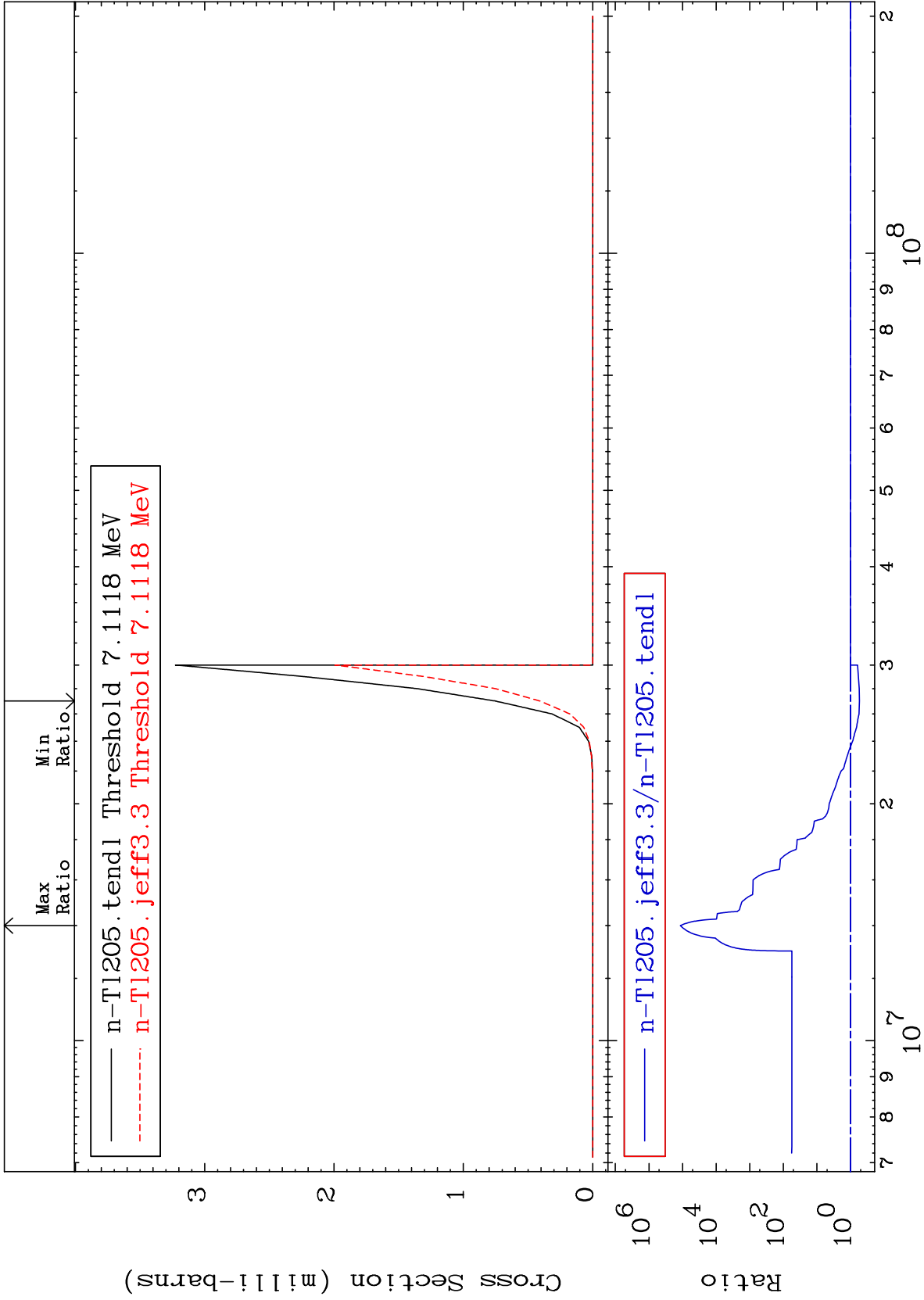
Radionuclide Production Cross Section 0.000 To 851.7 %



73

Incident Energy (eV)

81-Tl-205



Radionuclide Production Cross Section -48.22 To 9999. %

