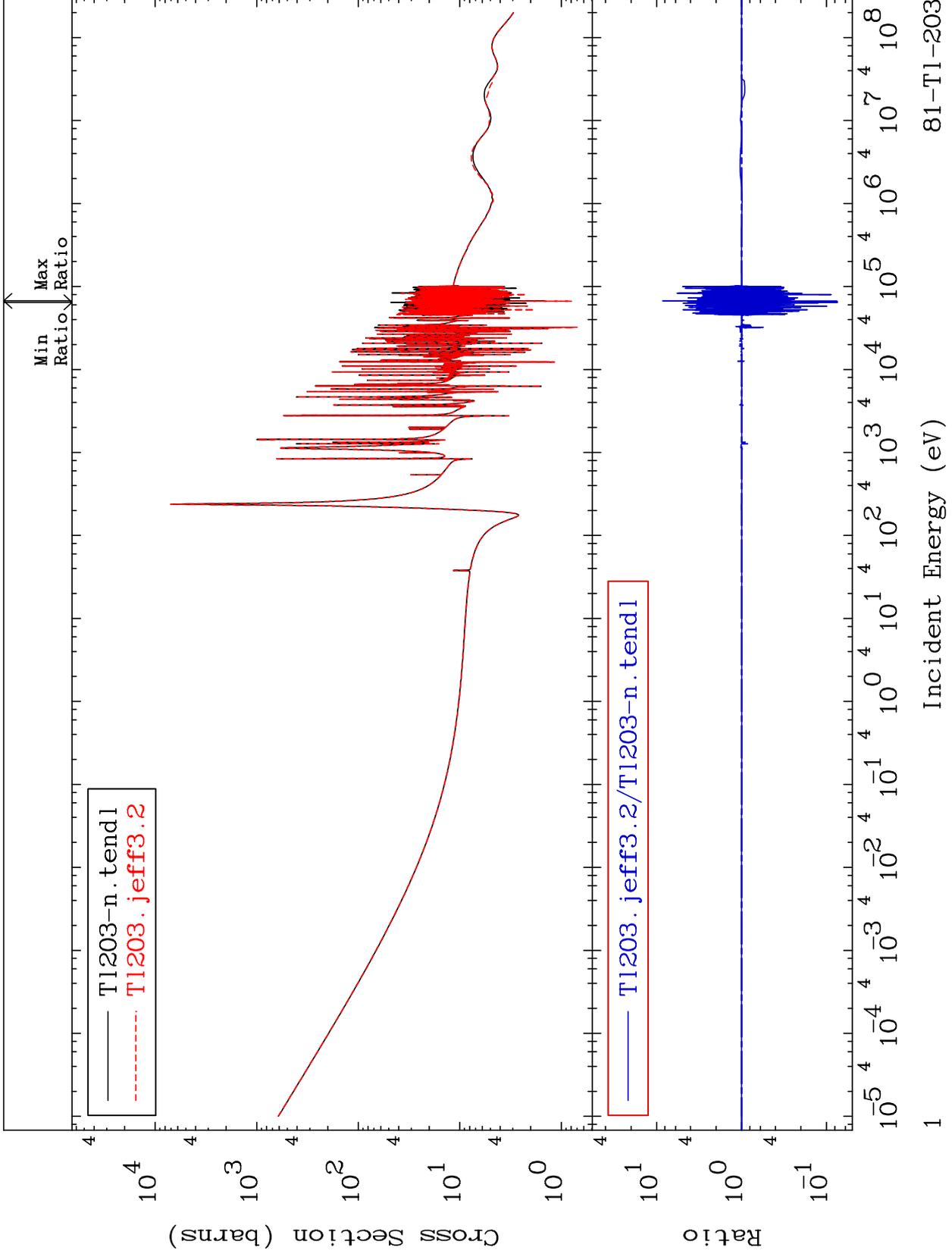


MAT 8125

Total
Cross Section

81-T1-203
-92.57 To 745.8 %



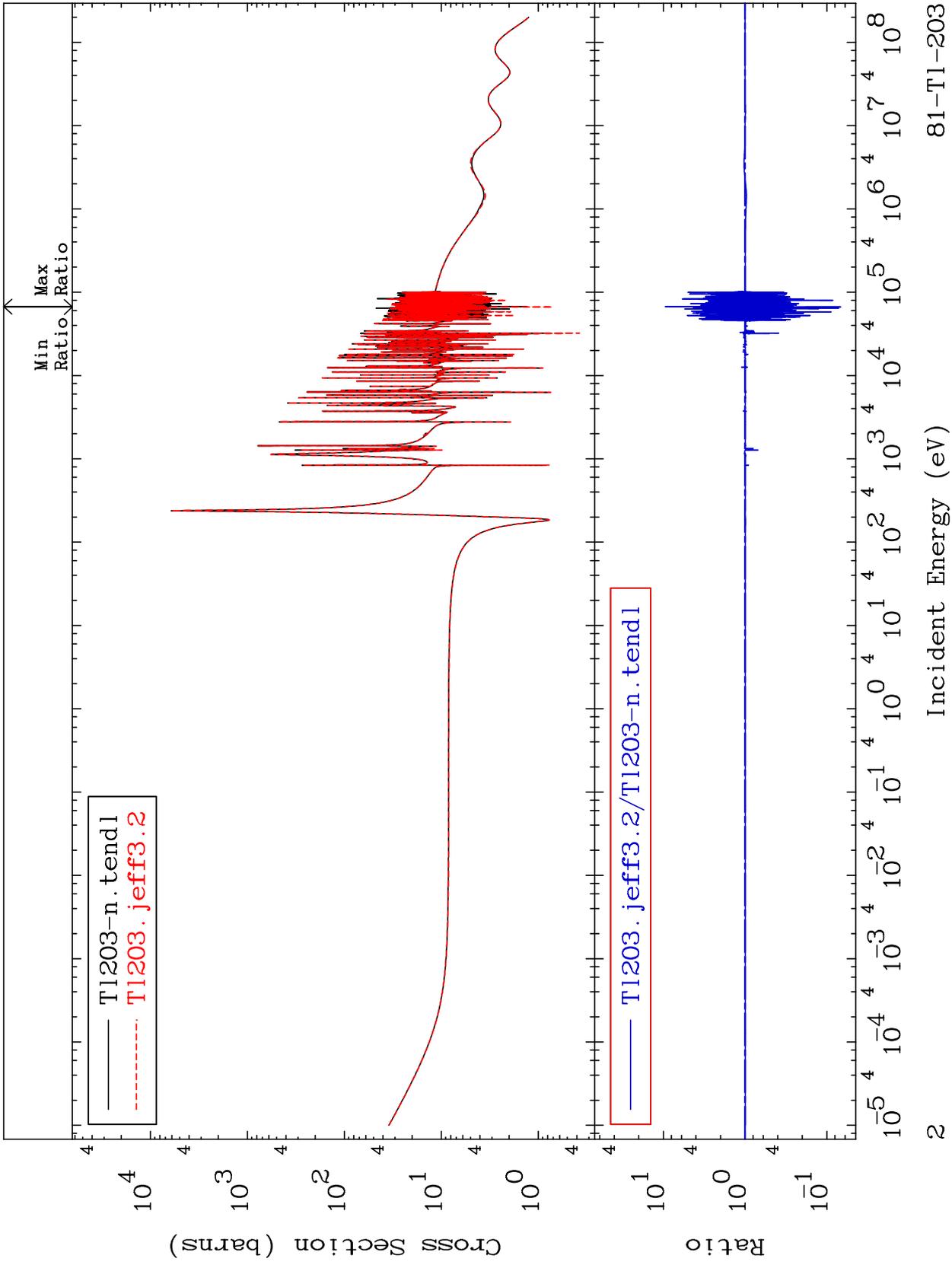
Incident Energy (eV)

81-T1-203

MAT 8125

Elastic
Cross Section

81-T1-203
-93.23 To 842.4 %



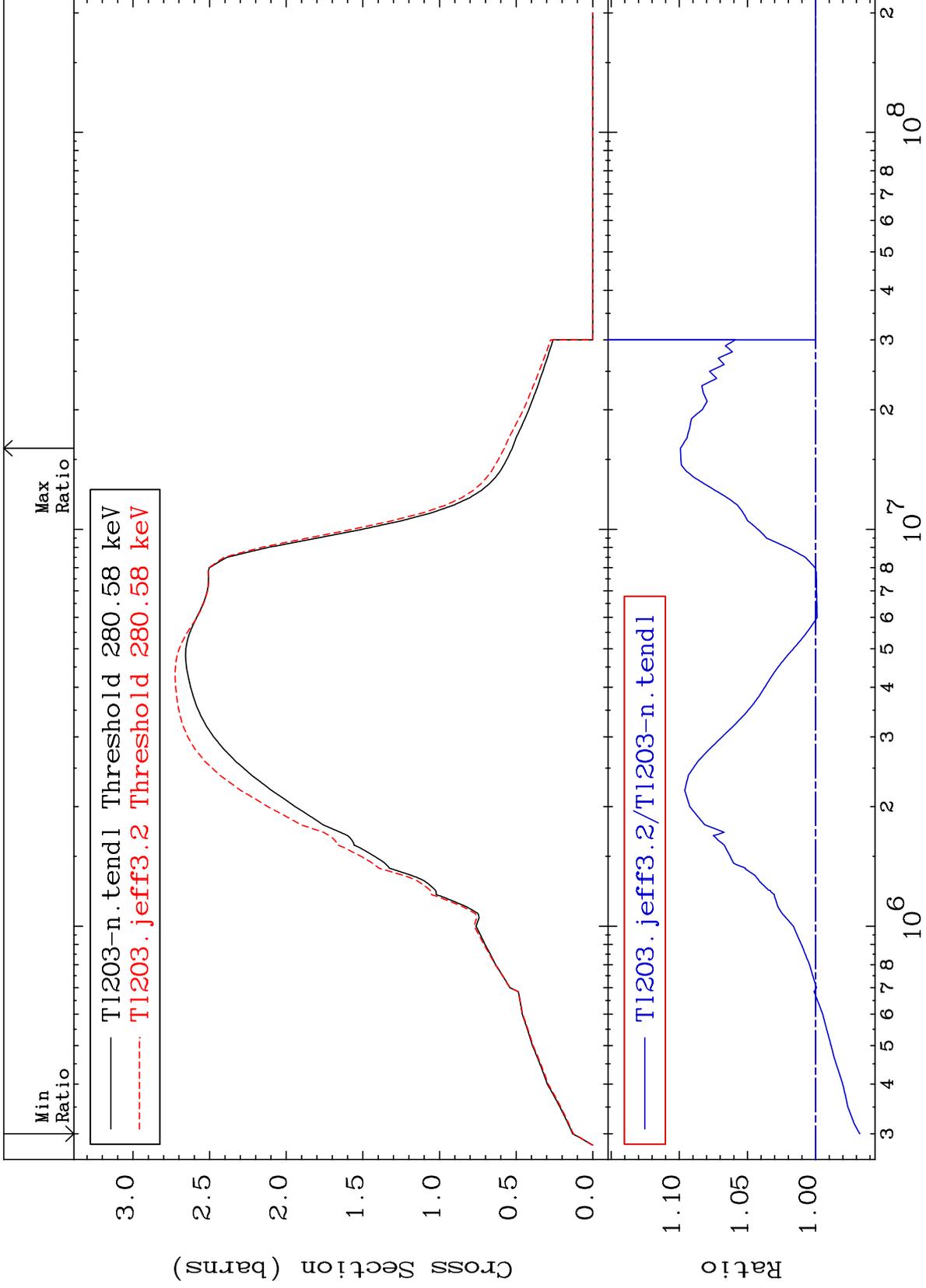
Incident Energy (eV)

81-T1-203

MAT 8125

Inelastic
Cross Section

81-Tl-203
-3.244 To 9.911 %



3

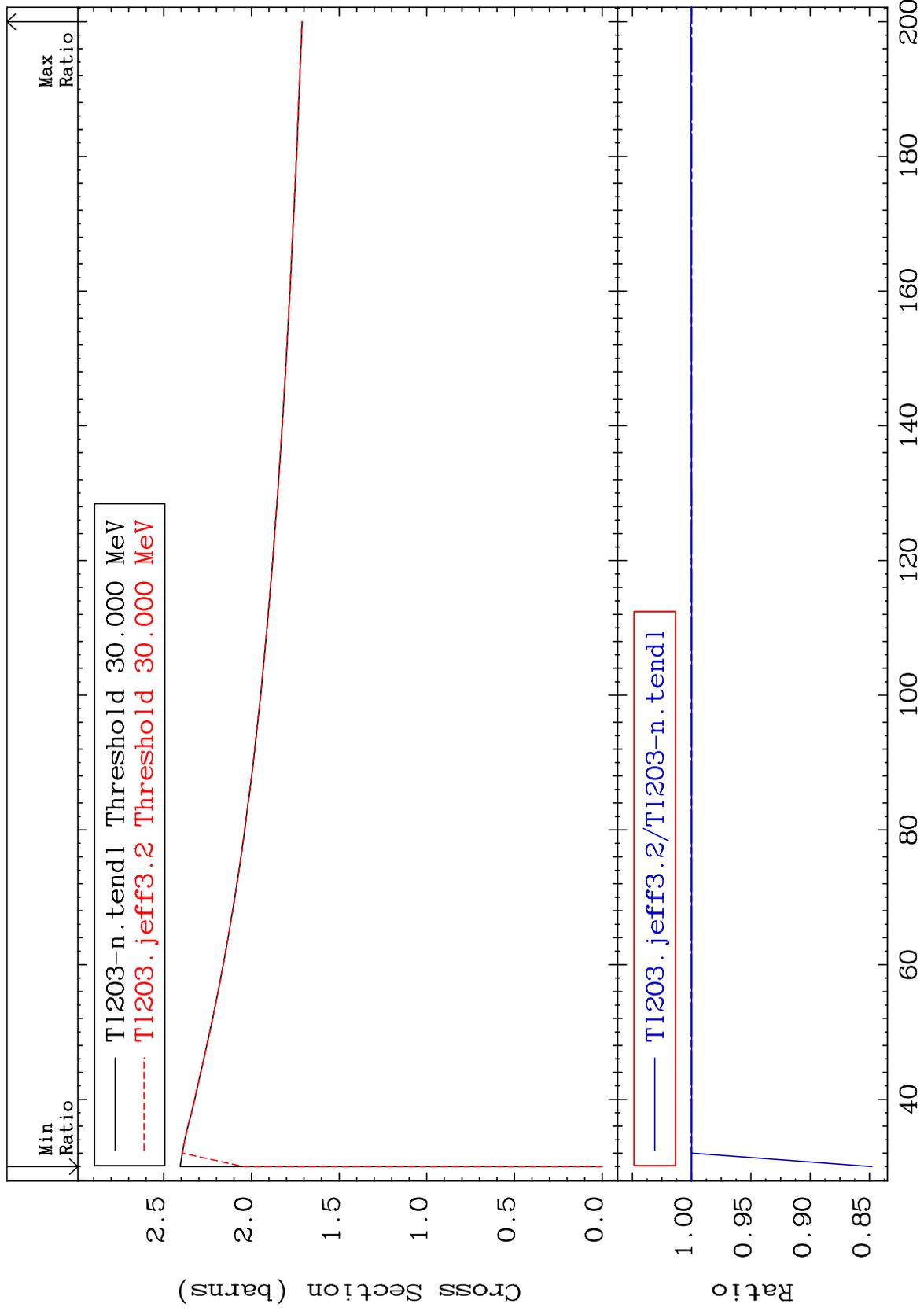
Incident Energy (eV)

81-Tl-203

MAT 8125

(n, remainder)
Cross Section

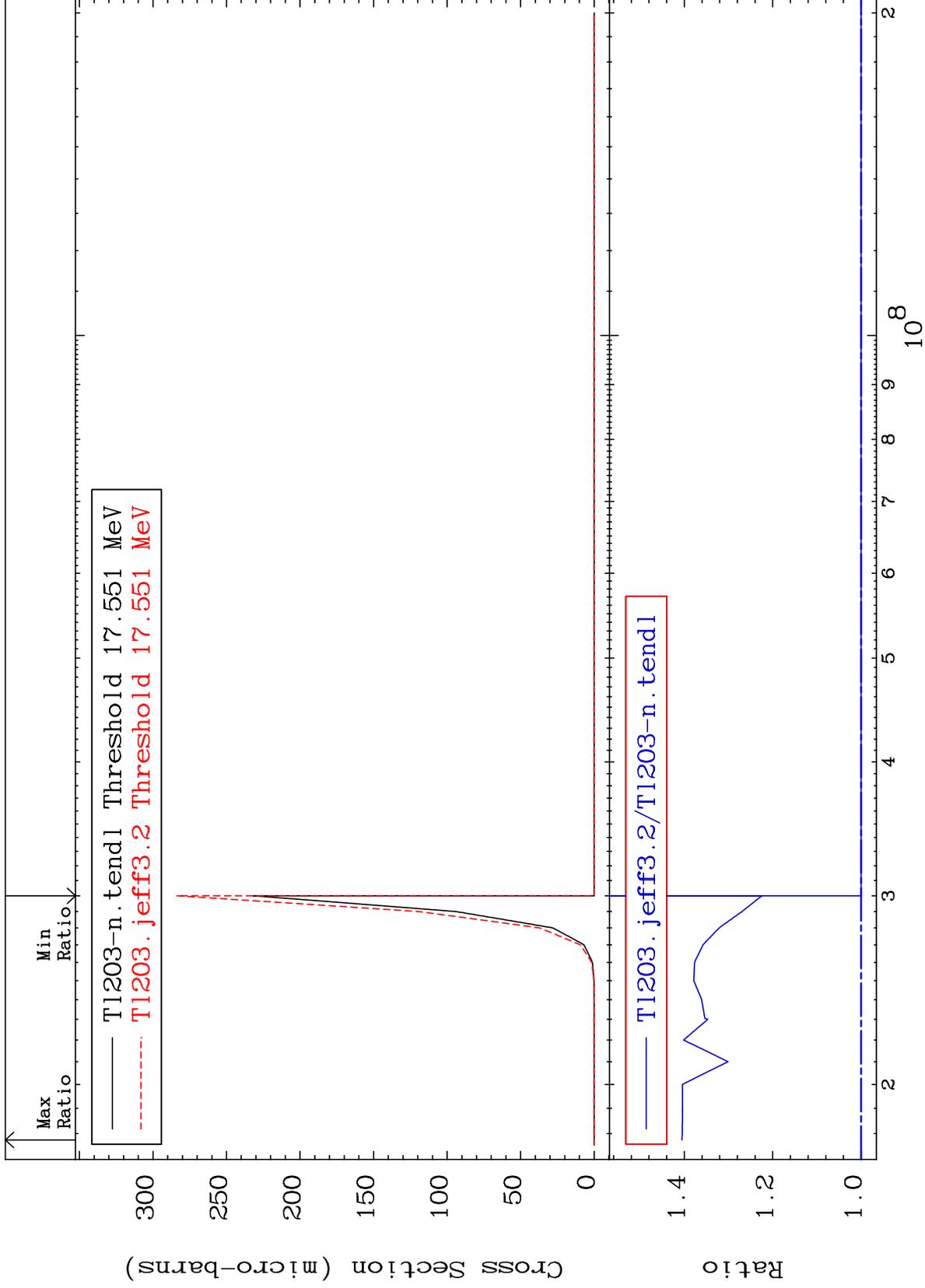
81-T1-203
-15.21 To 0.063 %



MAT 8125

(n,2n) d
Cross Section

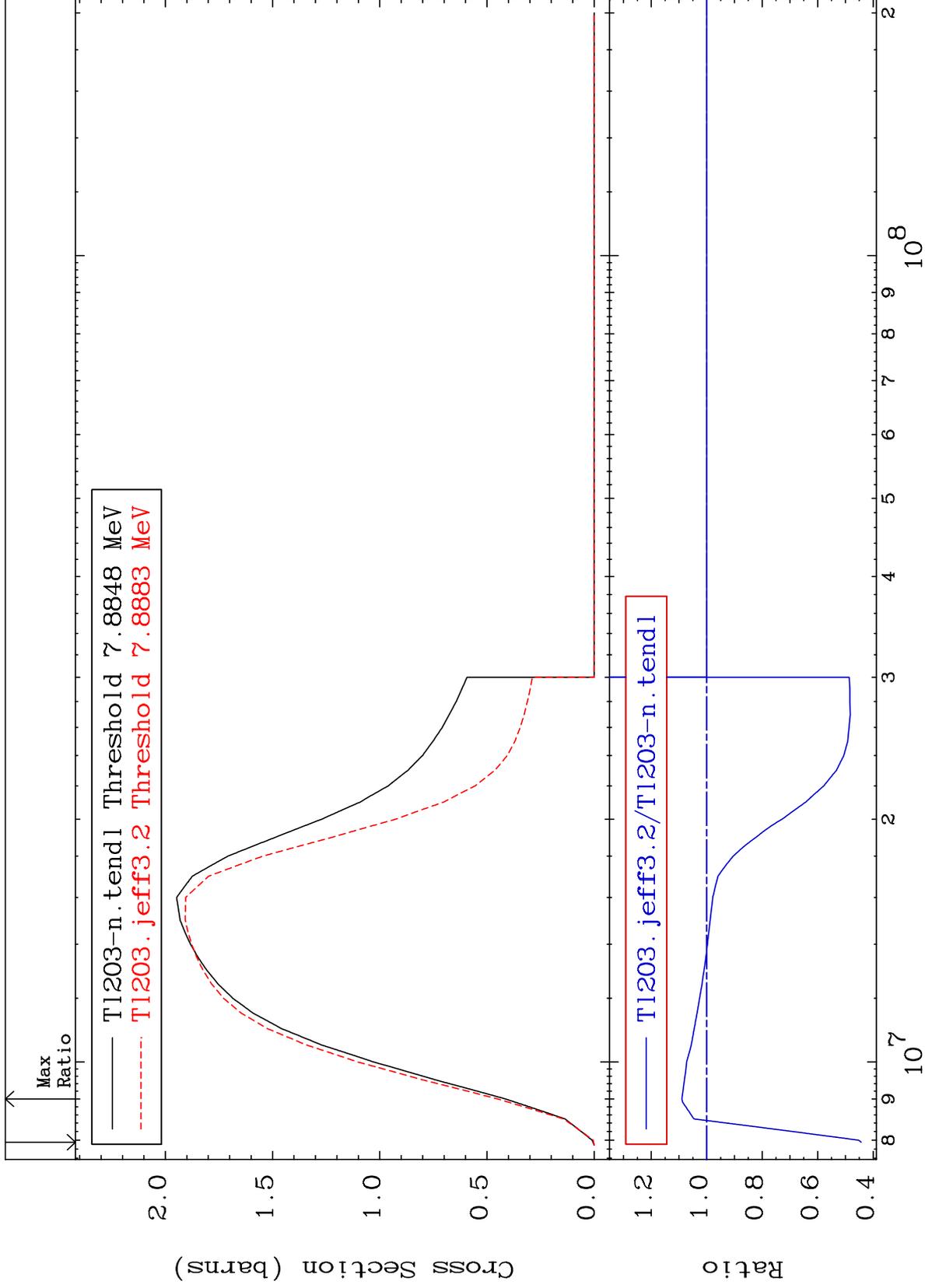
81-Tl-203
0.000 To 40.55 %



MAT 8125

(n,2n)
Cross Section

81-Tl-203
-55.65 To 8.935 %



6

Incident Energy (eV)

81-Tl-203

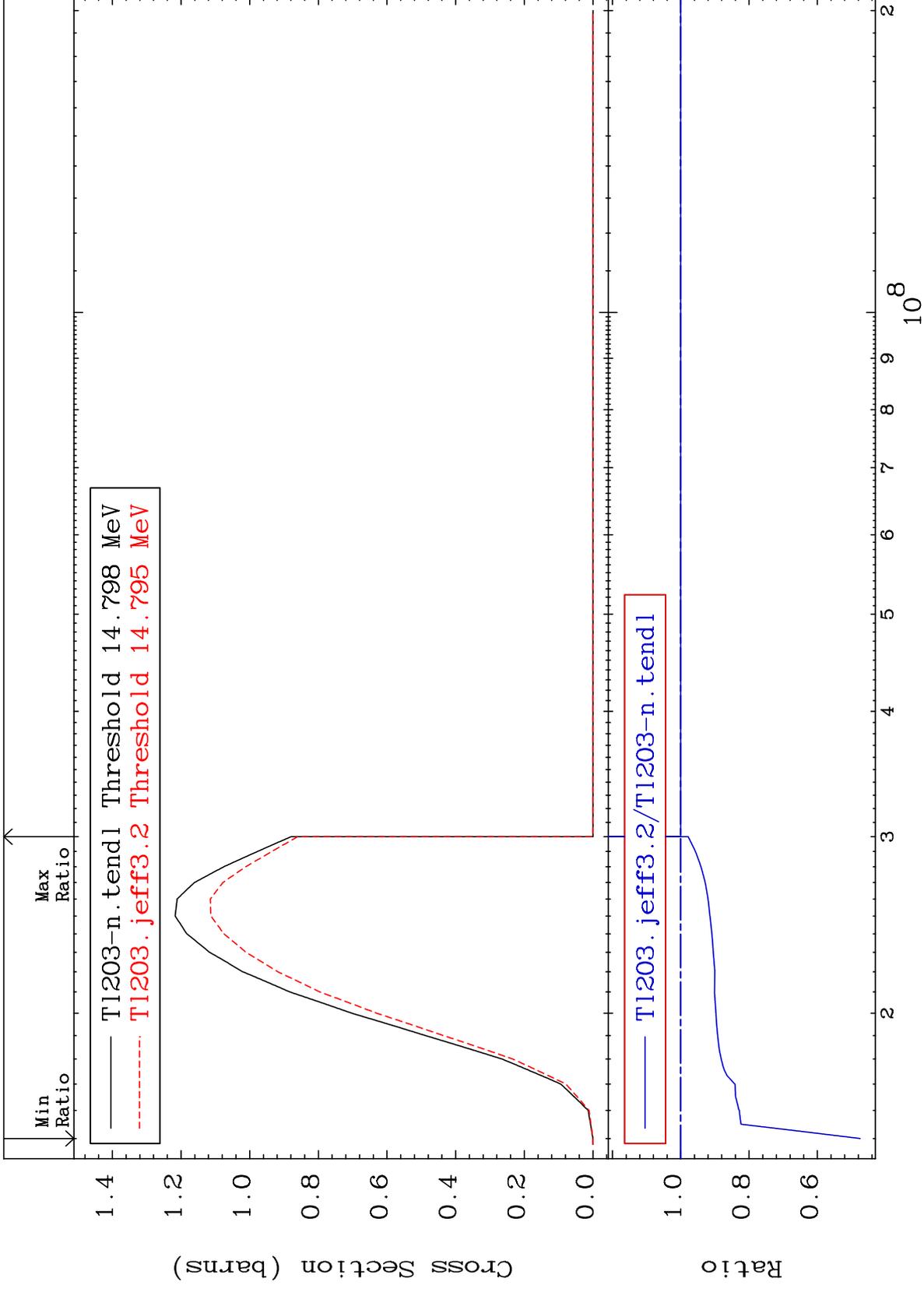
MAT 8125

(n,3n)

81-Tl-203

Cross Section

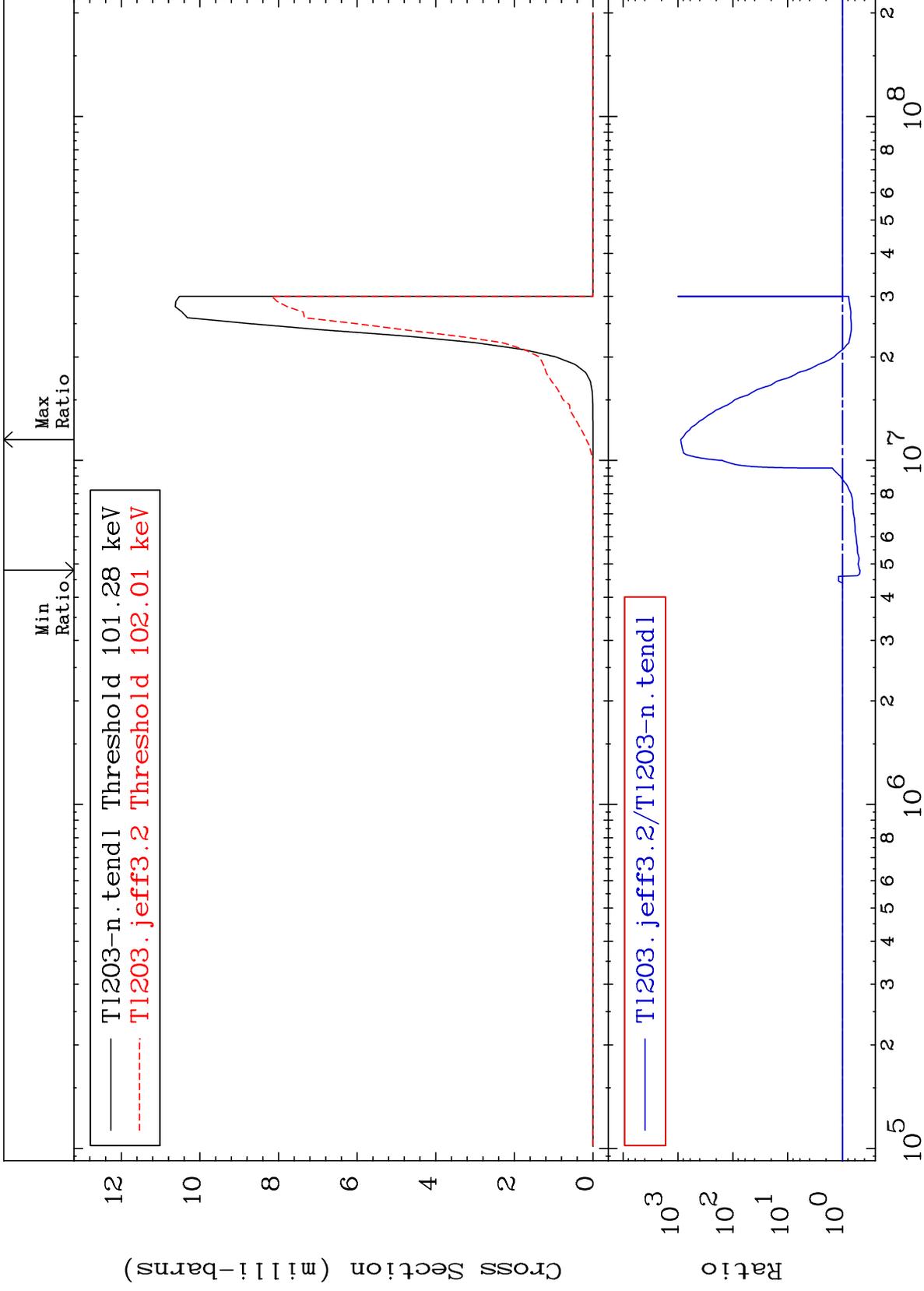
-52.51 To 0.000 %



MAT 8125

(n, n') α
Cross Section

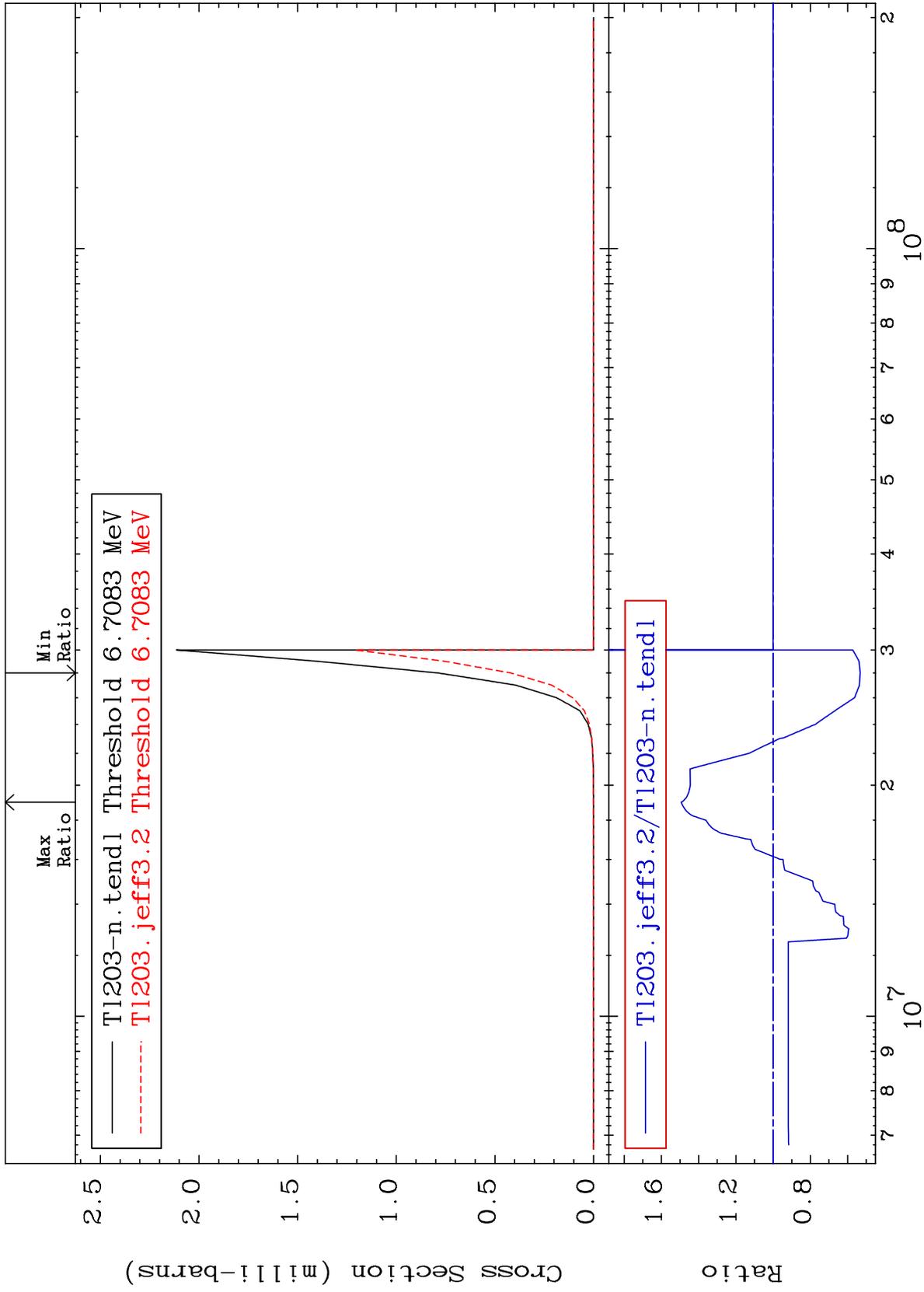
81-Tl-203
-51.95 To 9999. %



MAT 8125

(n,2n) α
Cross Section

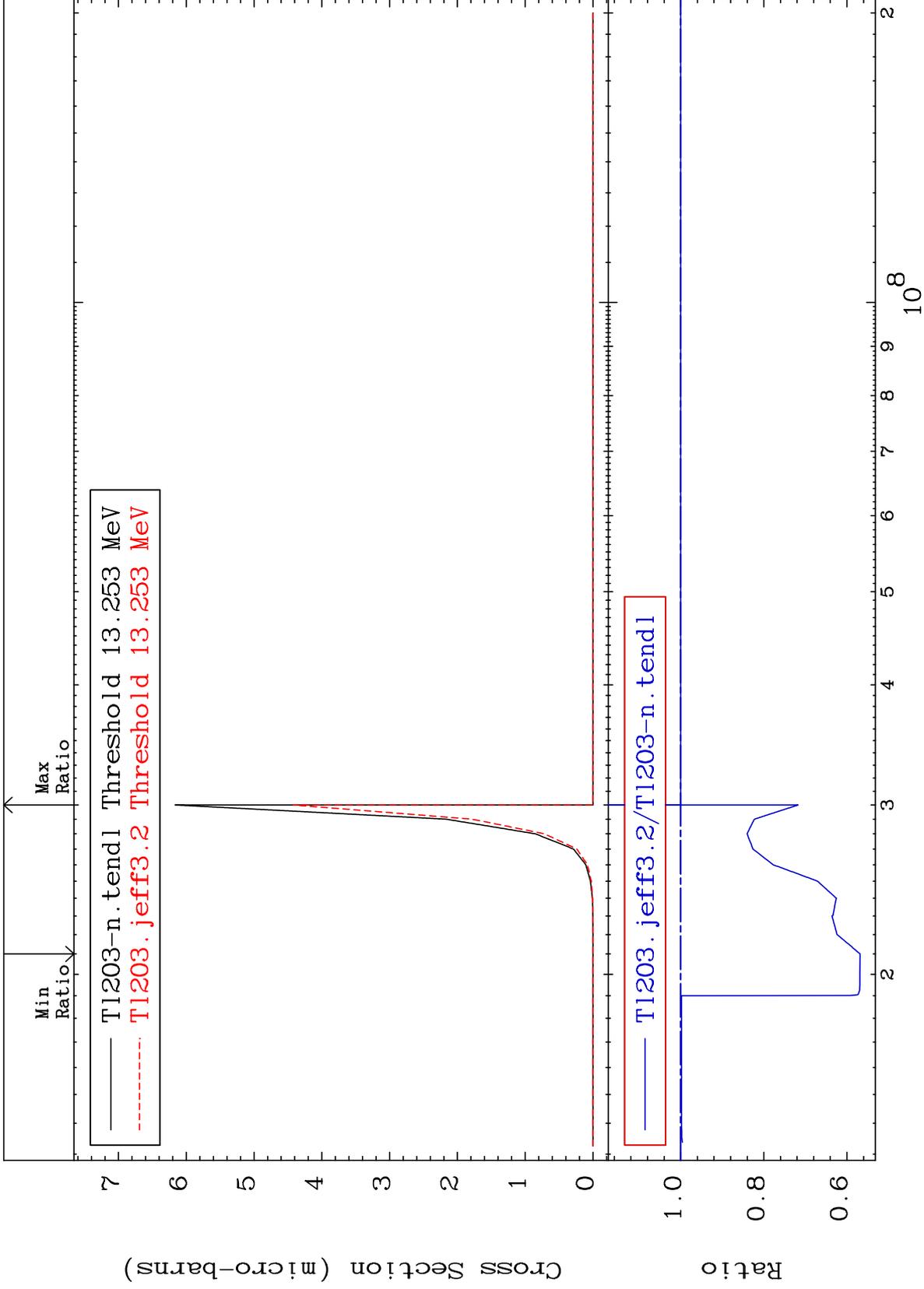
81-Tl-203
-46.75 To 49.39 %



MAT 8125

(n,3n) α
Cross Section

81-Tl-203
-43.16 To 0.000 %



10

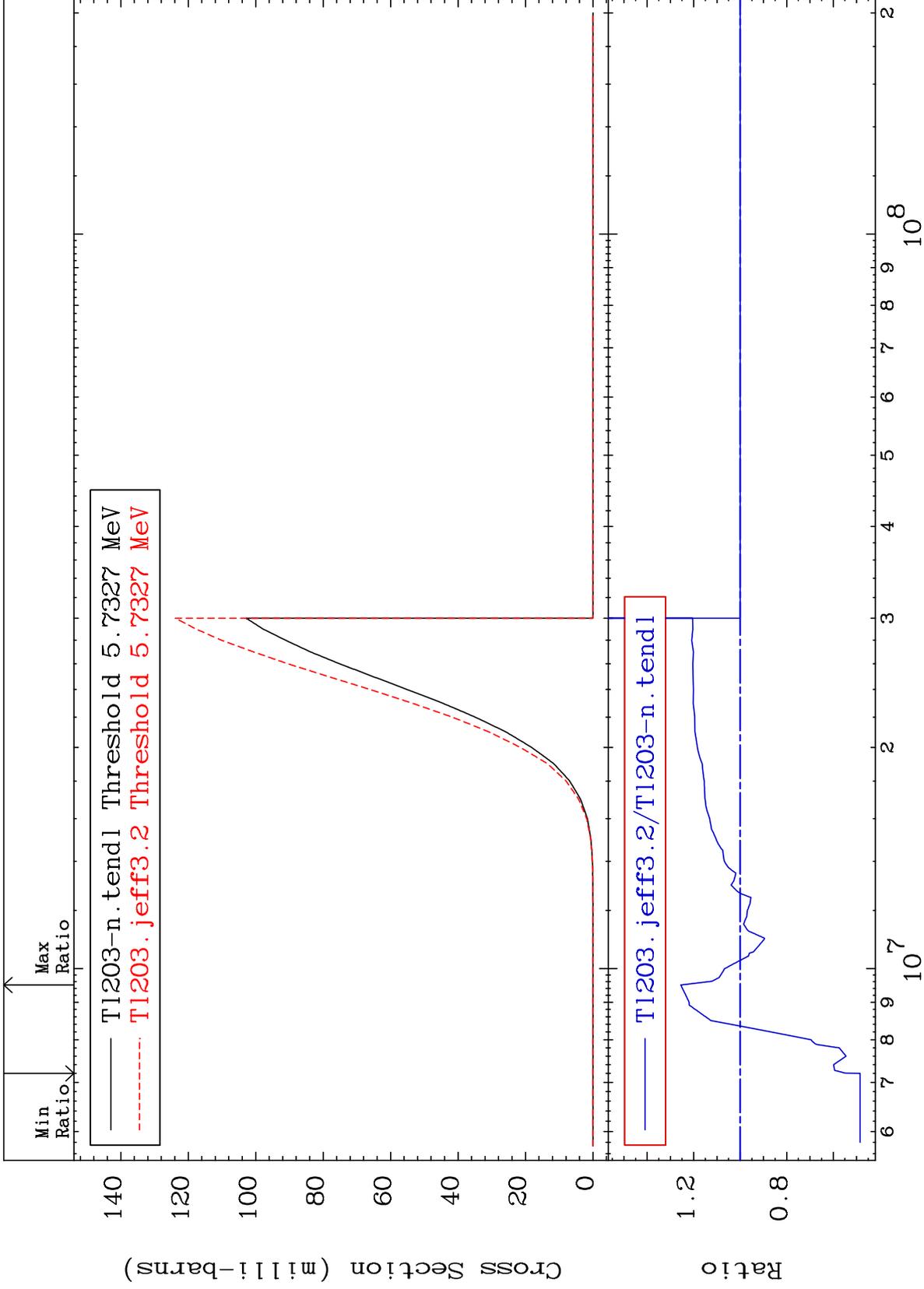
Incident Energy (eV)

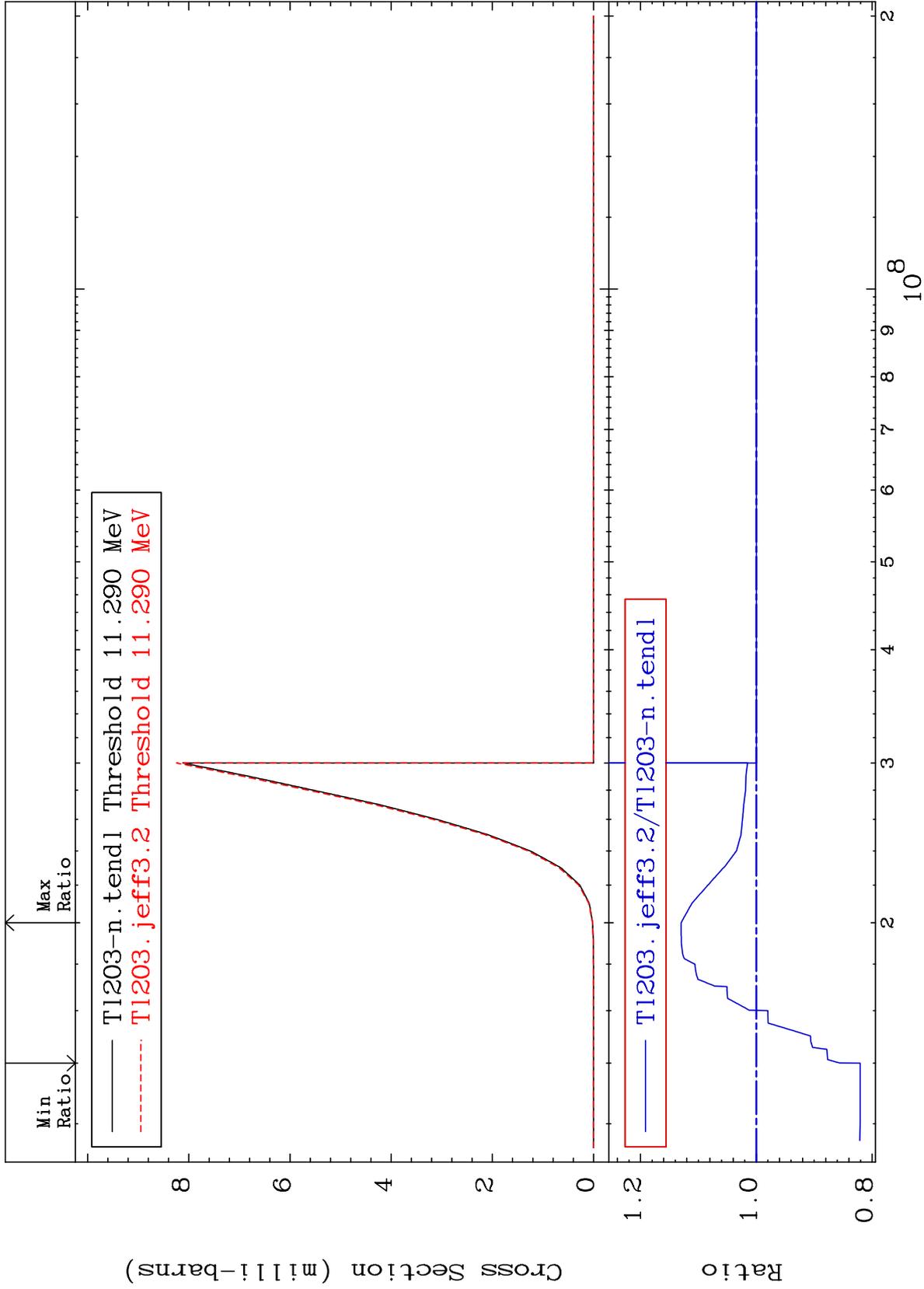
81-Tl-203

MAT 8125

(n, n') p
Cross Section

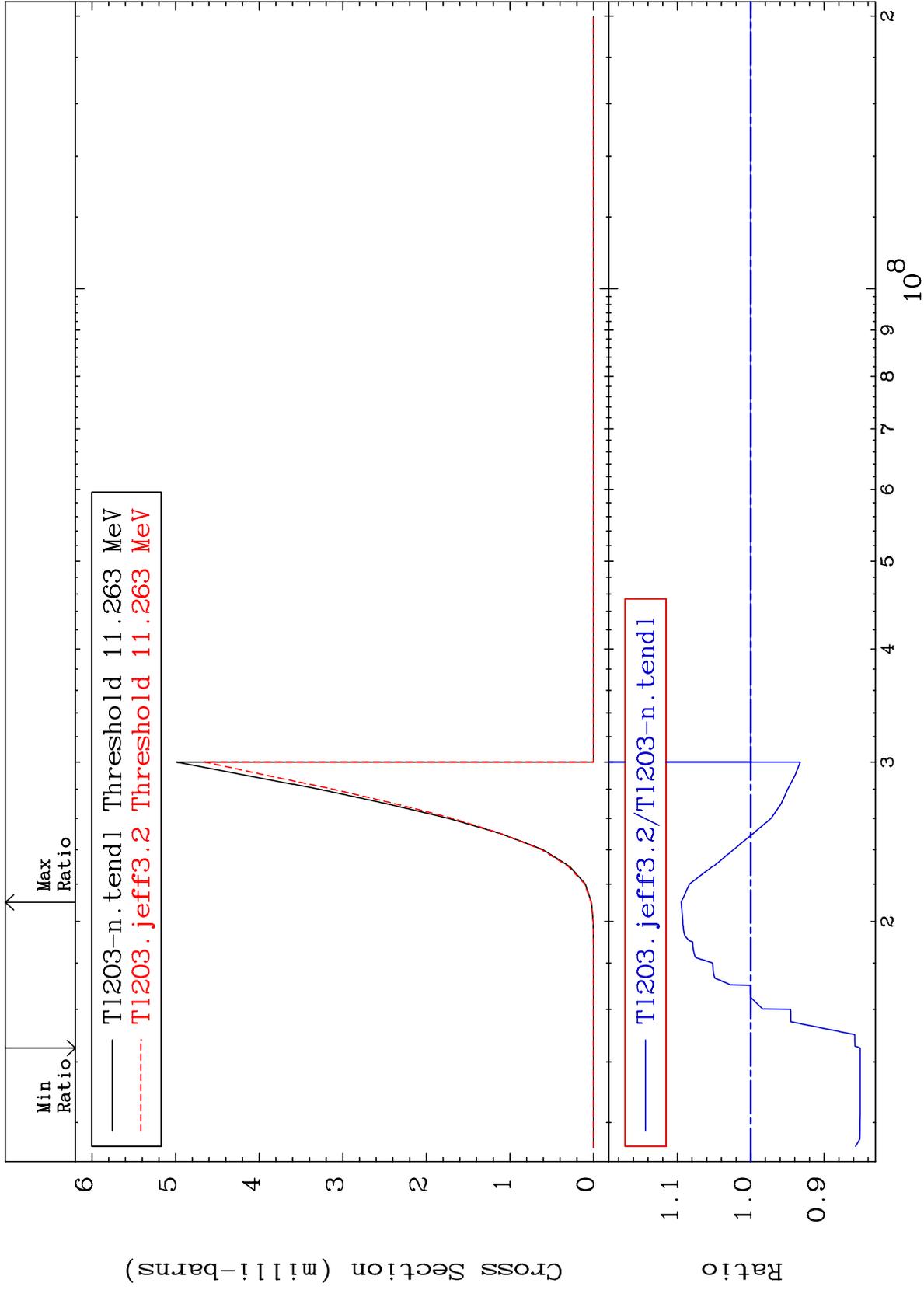
81-Tl-203
-51.54 To 25.56 %

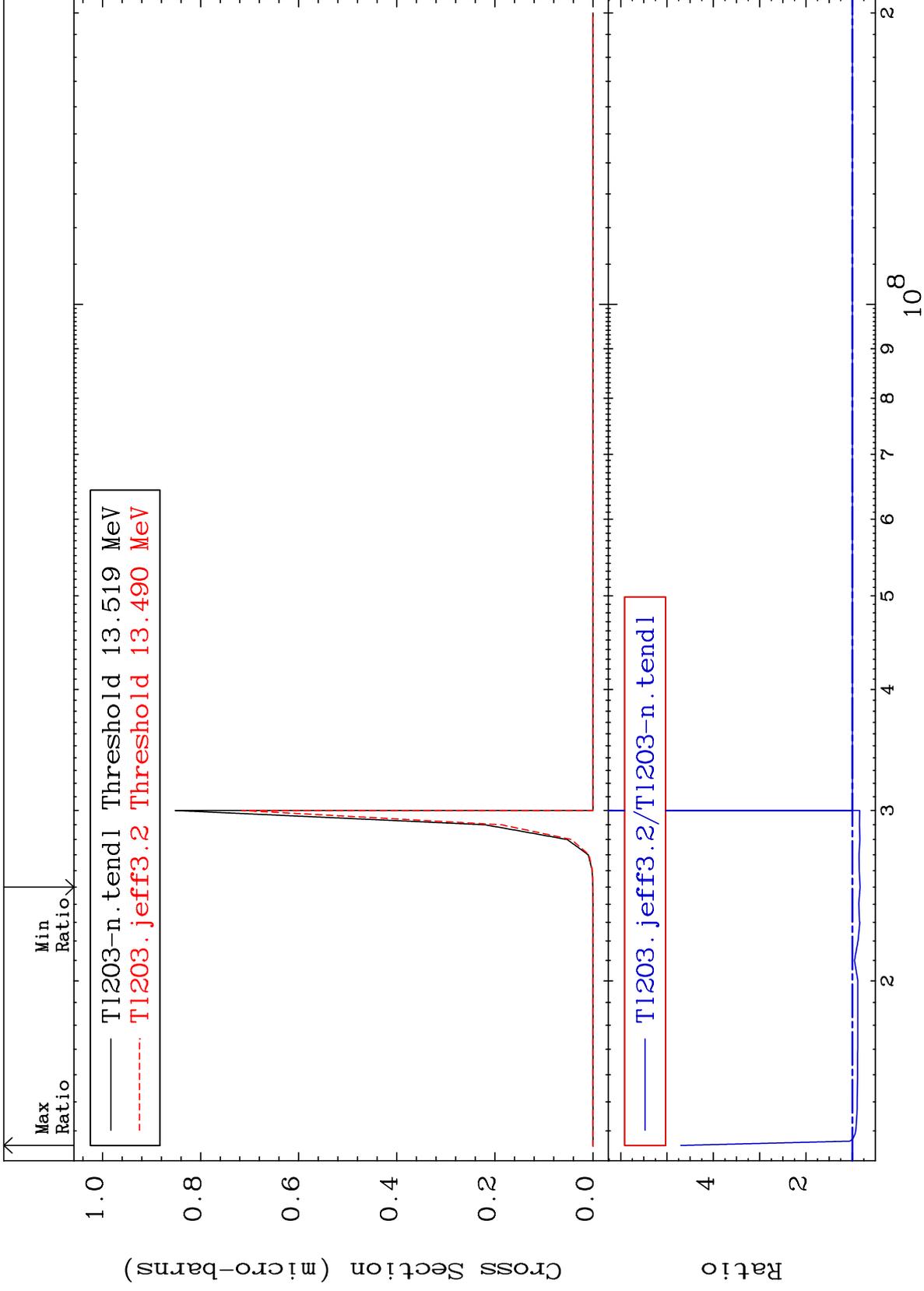




Cross Section

-14.91 To 9.481 %

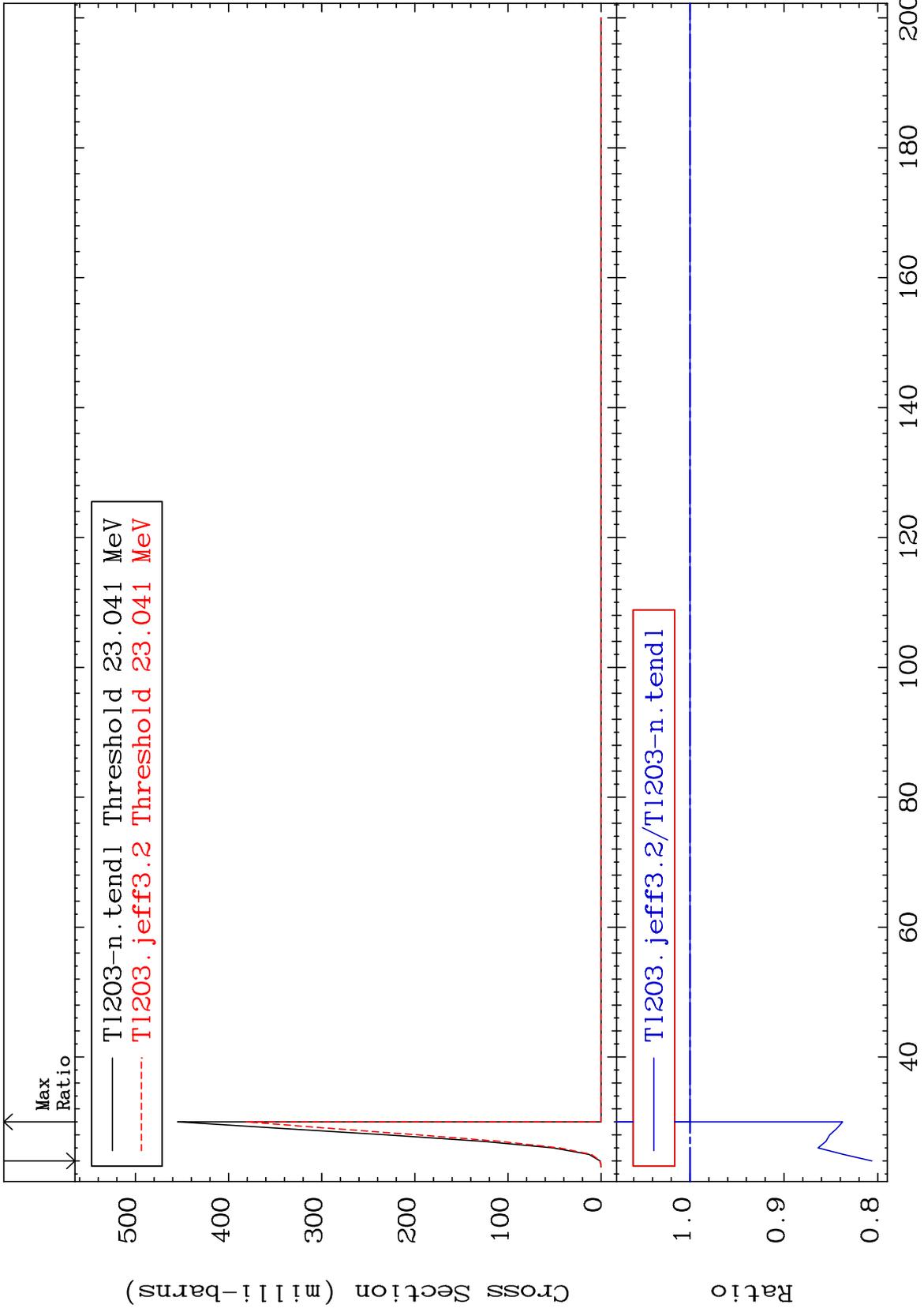




MAT 8125

(n,4n)
Cross Section

81-Tl-203
-19.36 To 0.000 %



15

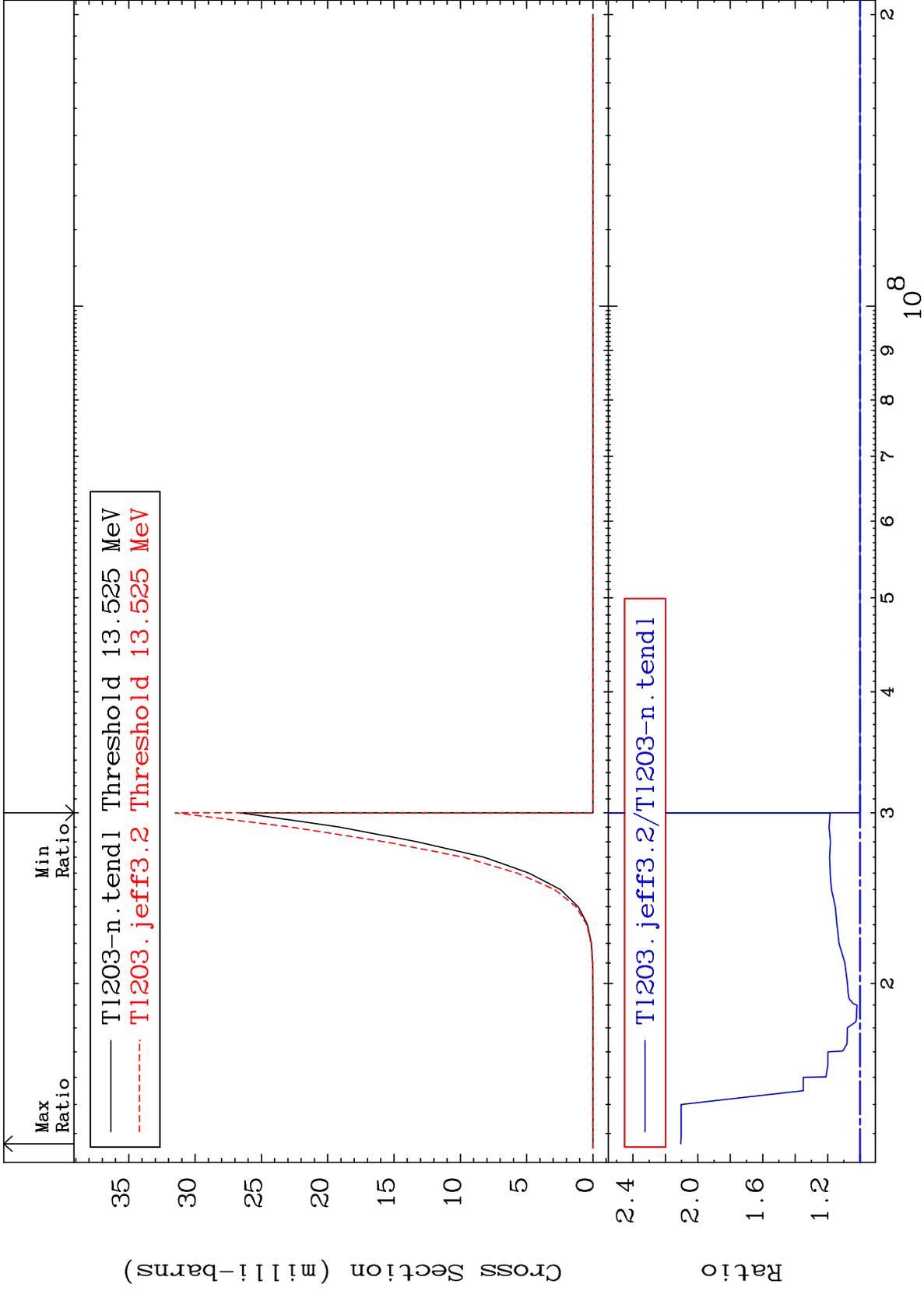
Incident Energy (MeV)

81-Tl-203

MAT 8125

(n,2n) p
Cross Section

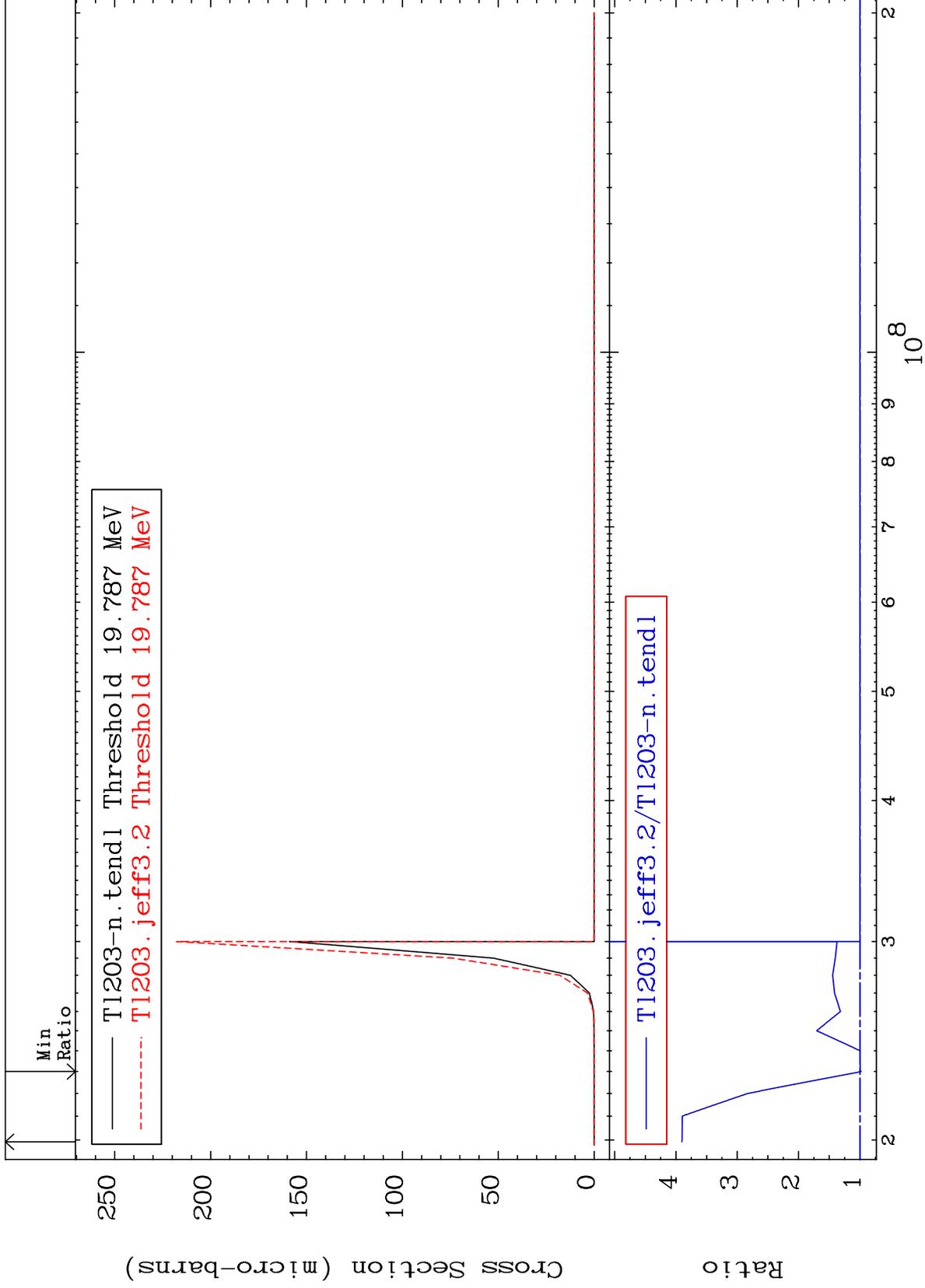
81-Tl-203
To 110.5 %



MAT 8125

(n,3n) p
Cross Section

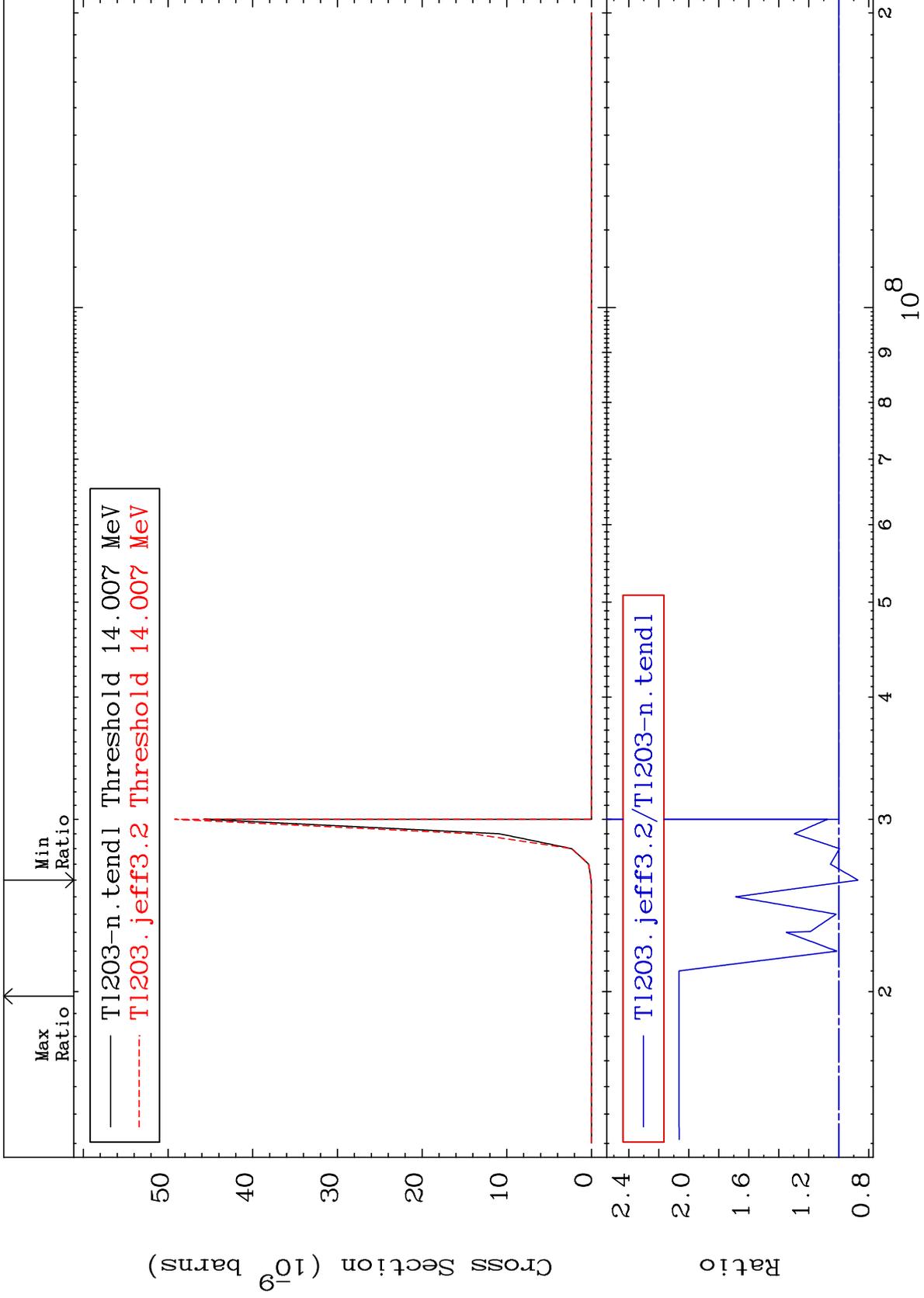
81-Tl-203
-1.986 To 290.3 %

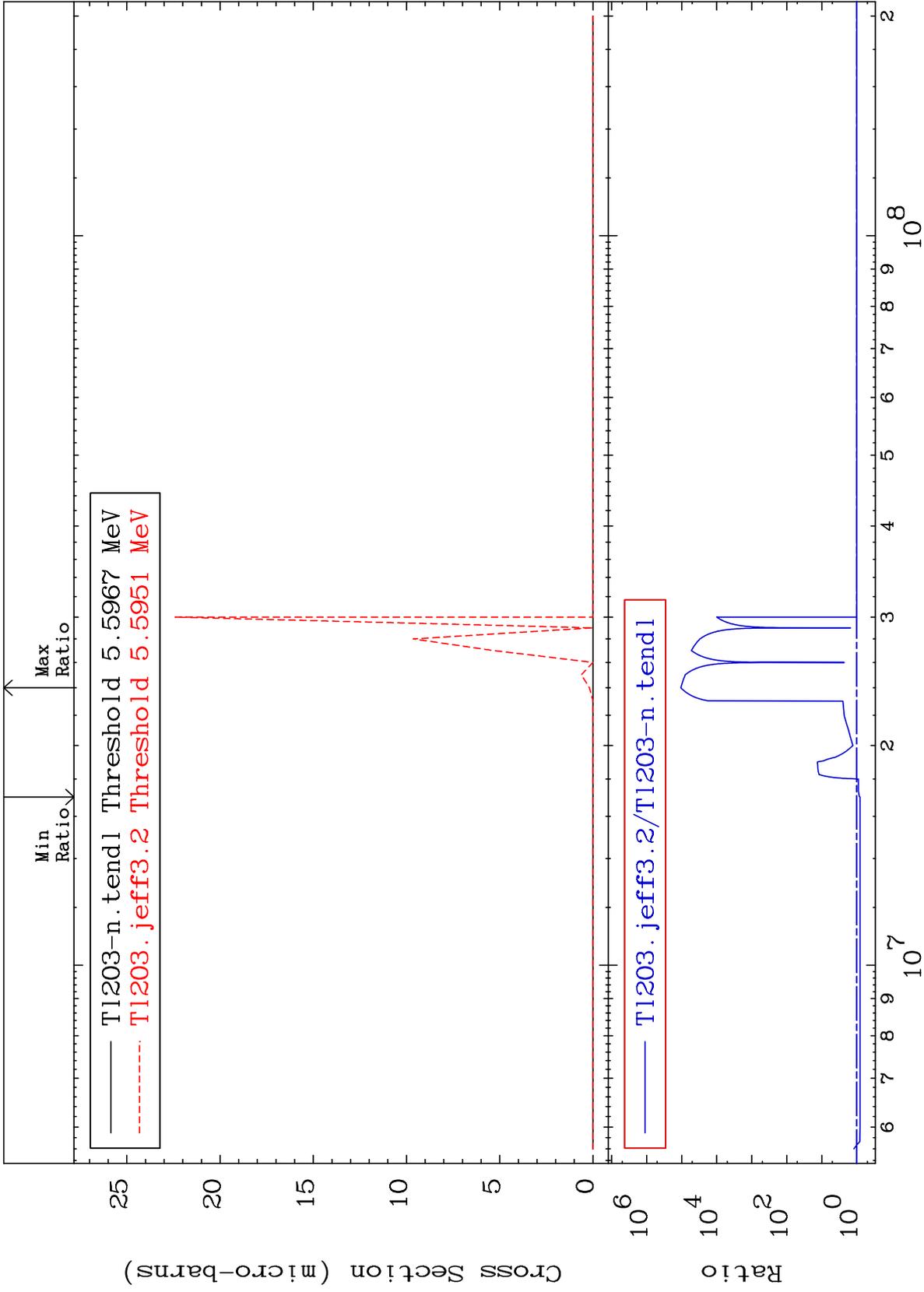


17

Incident Energy (eV)

81-Tl-203

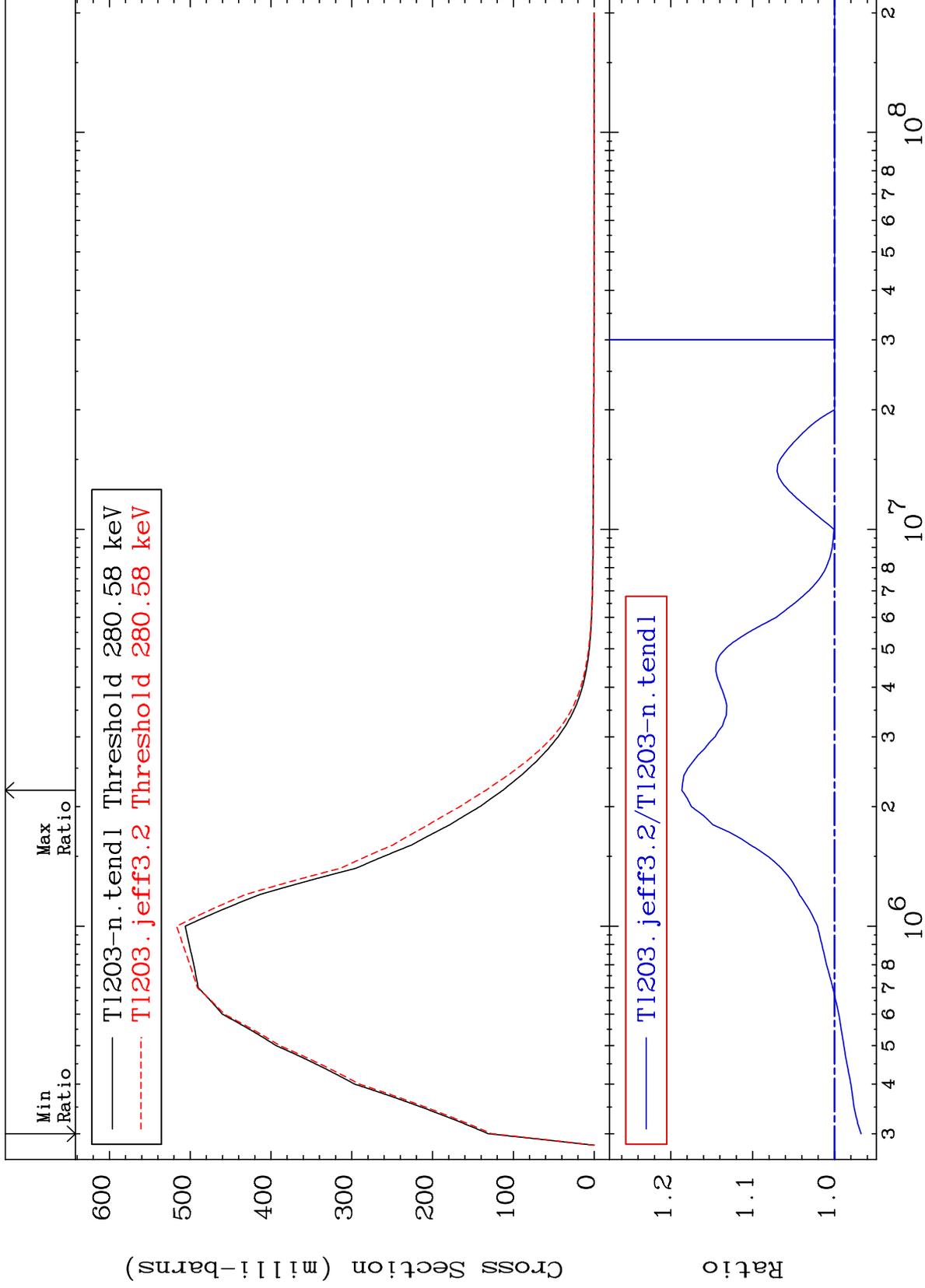




MAT 8125

279.2 keV (n,n') Level
Cross Section

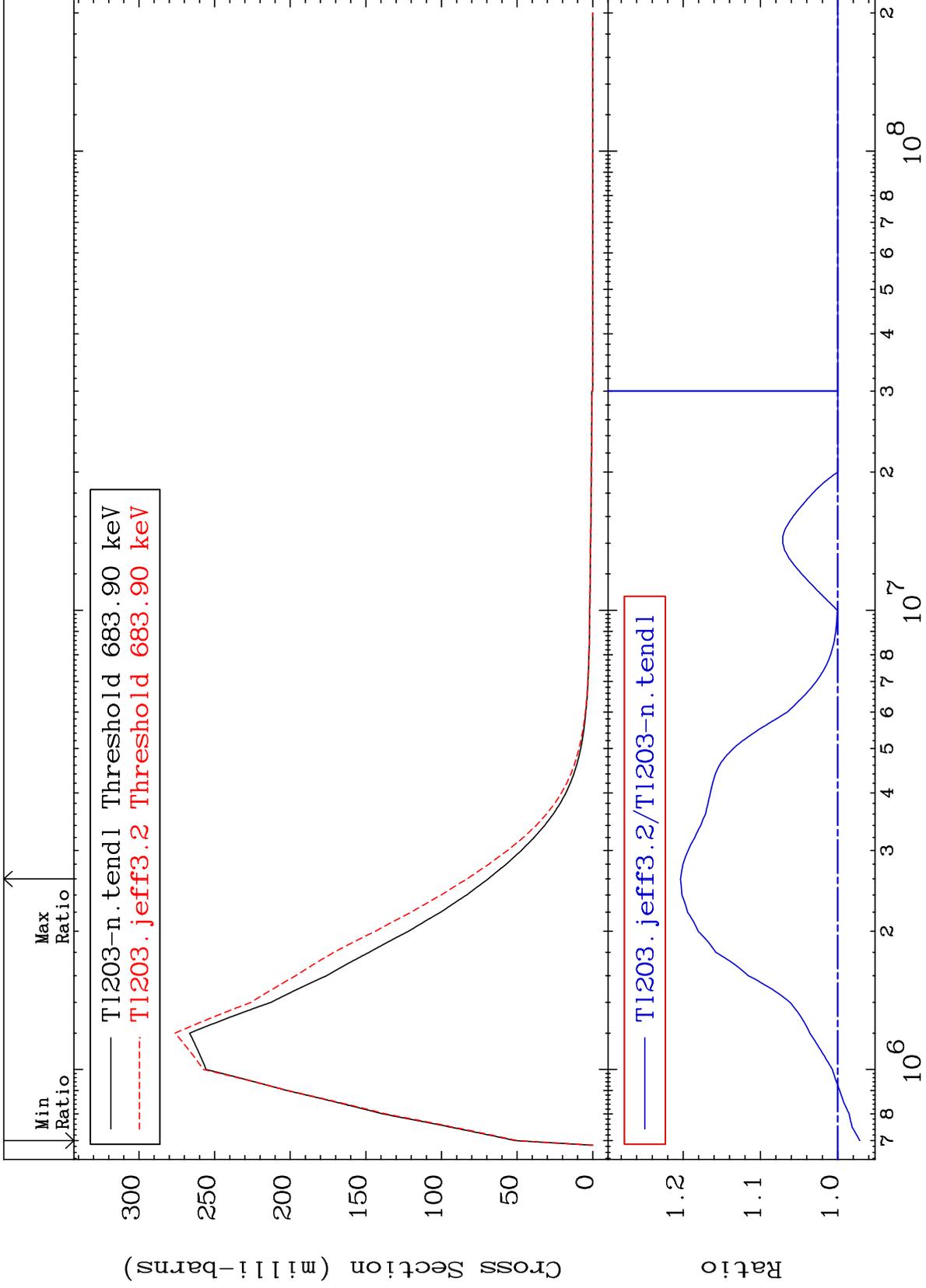
81-Tl-203
-3.244 To 18.64 %



MAT 8125

680.5 keV (n,n') Level
Cross Section

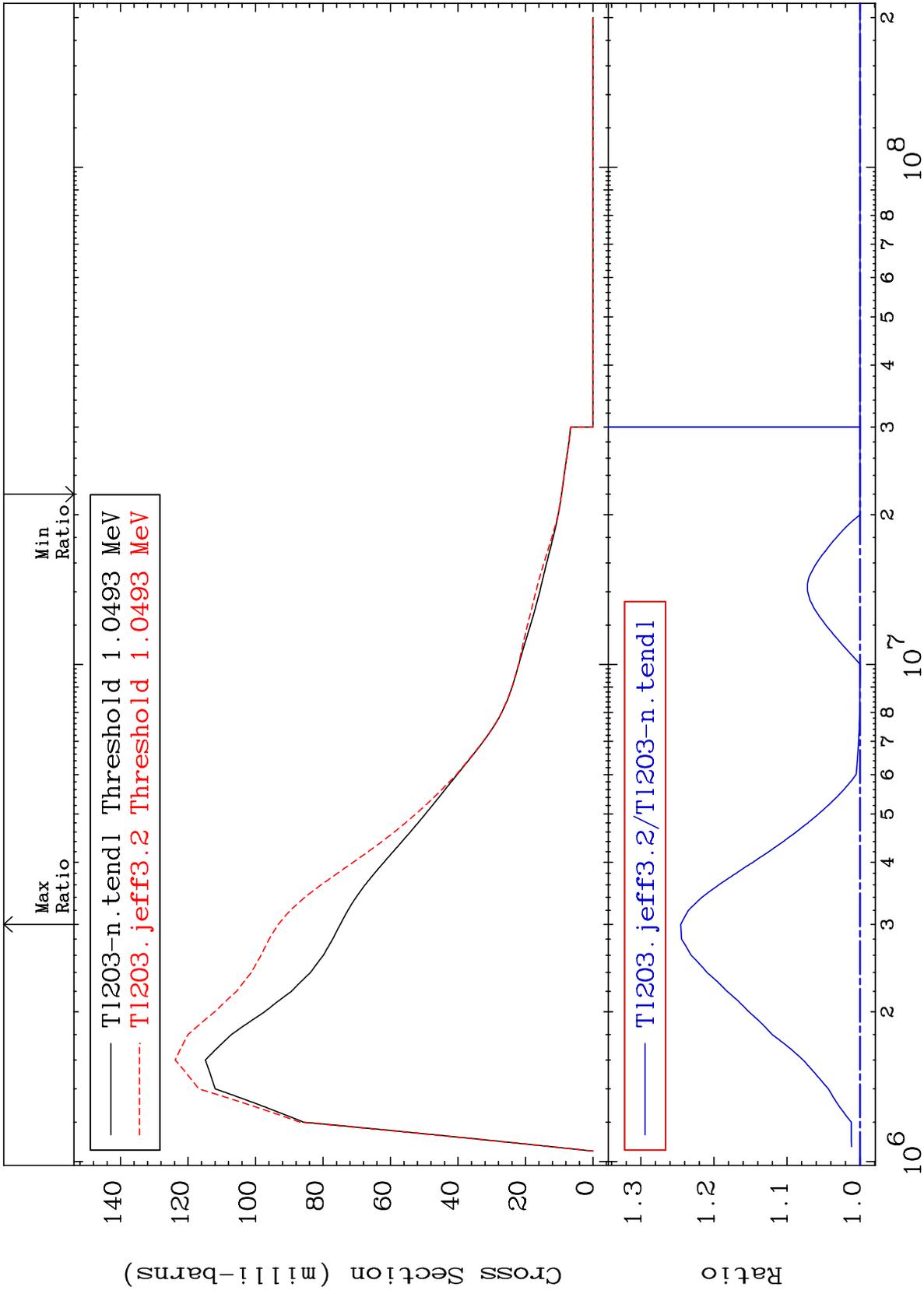
81-Tl-203
-2.845 To 20.34 %



MAT 8125

1.044 MeV (n,n') Level
Cross Section

81-Tl-203
0.000 To 24.53 %

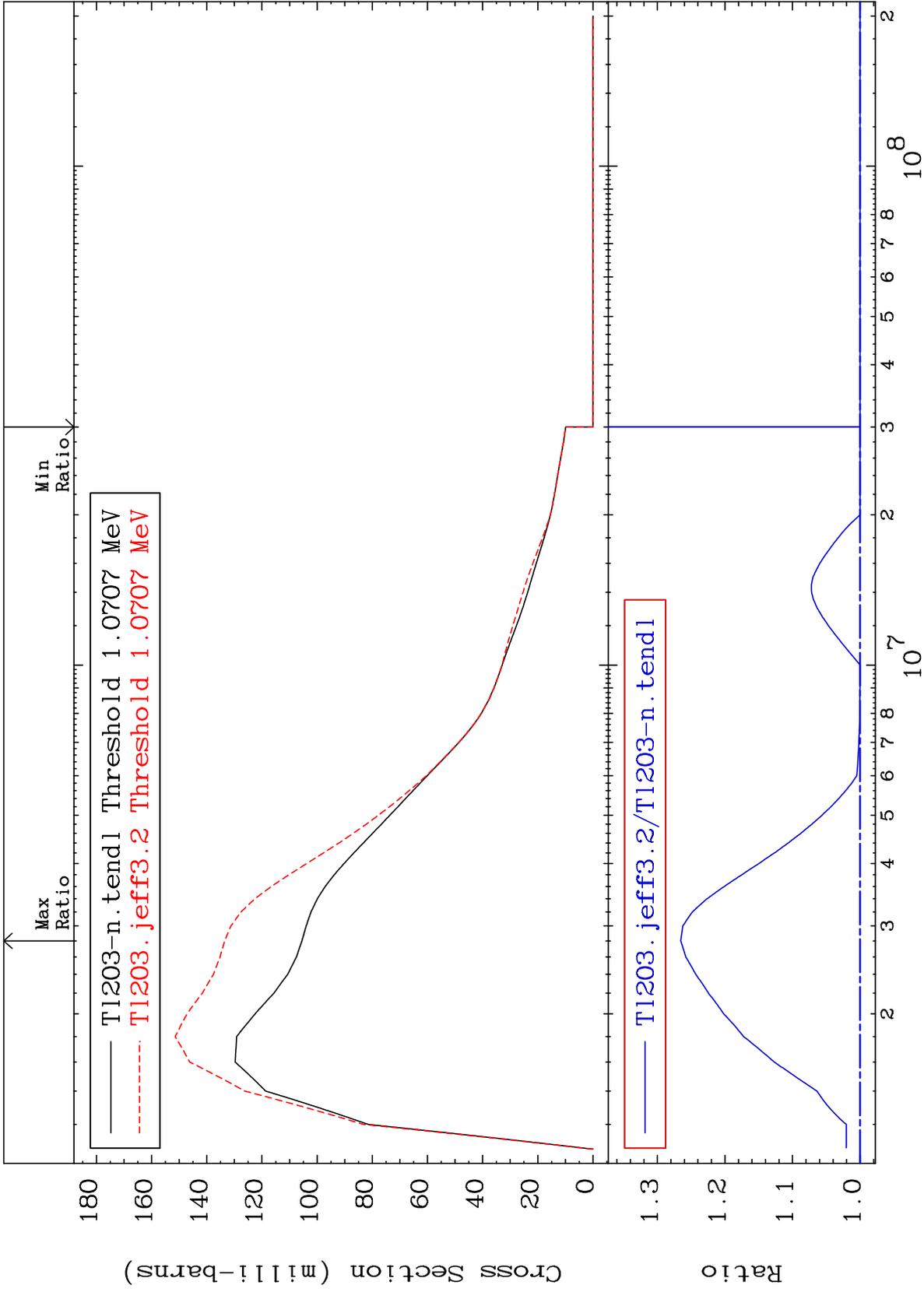


22

Incident Energy (eV)

81-Tl-203

MAT 8125 1.065 MeV (n,n') Level 81-Tl-203
 Cross Section 0.000 To 26.54 %

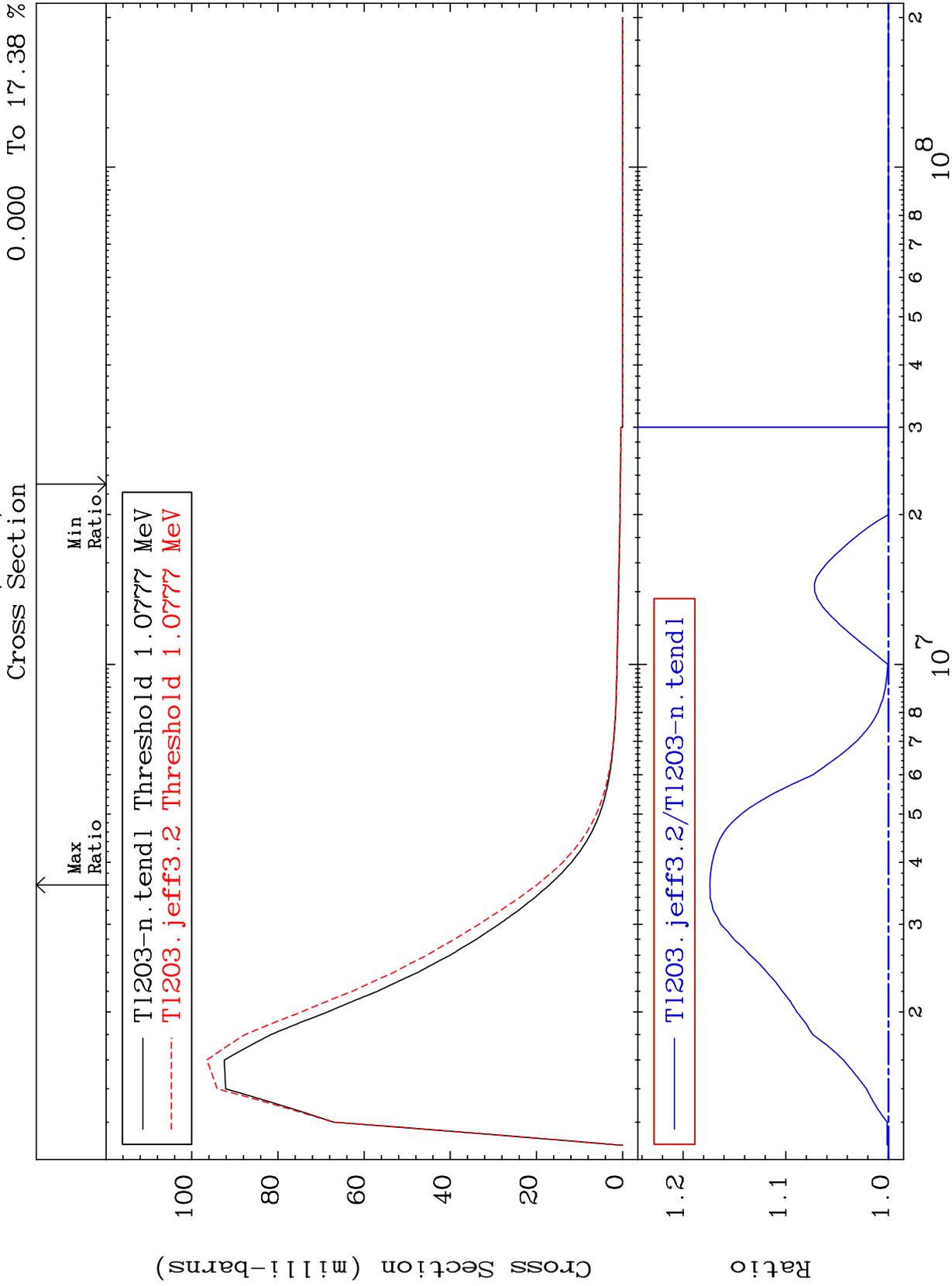


MAT 8125

1.072 MeV (n,n') Level

81-Tl-203

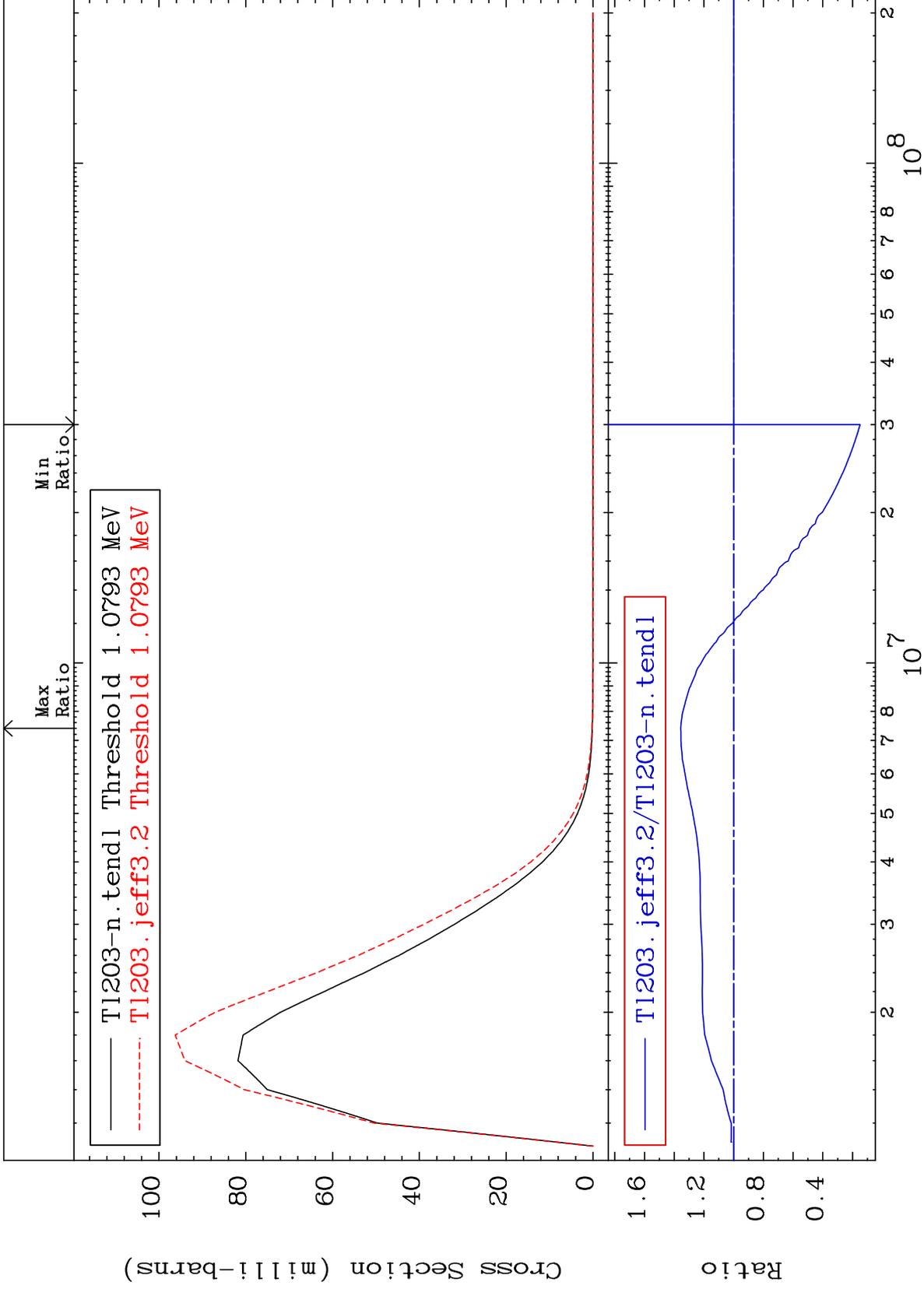
0.000 To 17.38 %

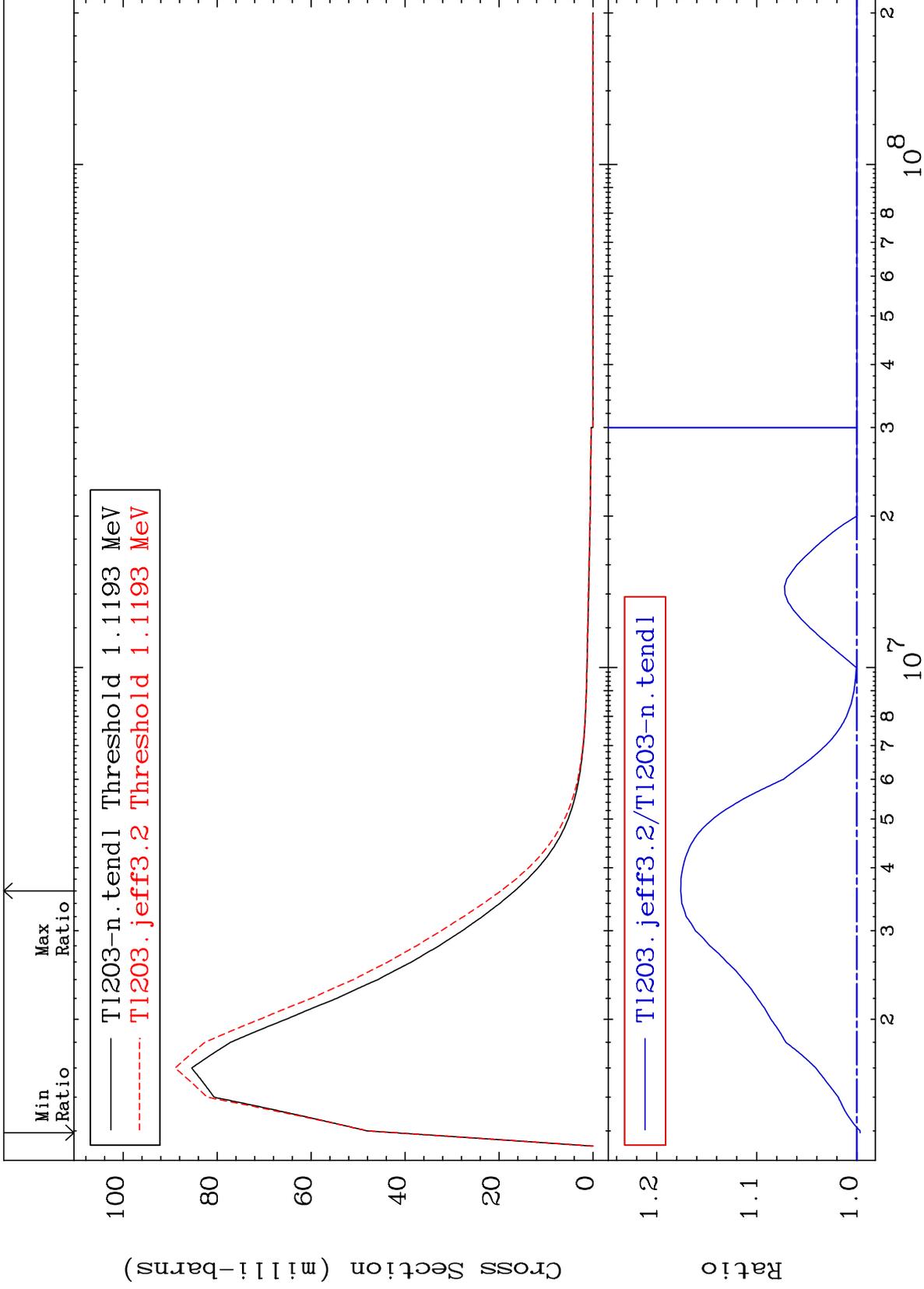


MAT 8125

1.074 MeV (n,n') Level
Cross Section

81-Tl-203
-85.09 To 35.60 %

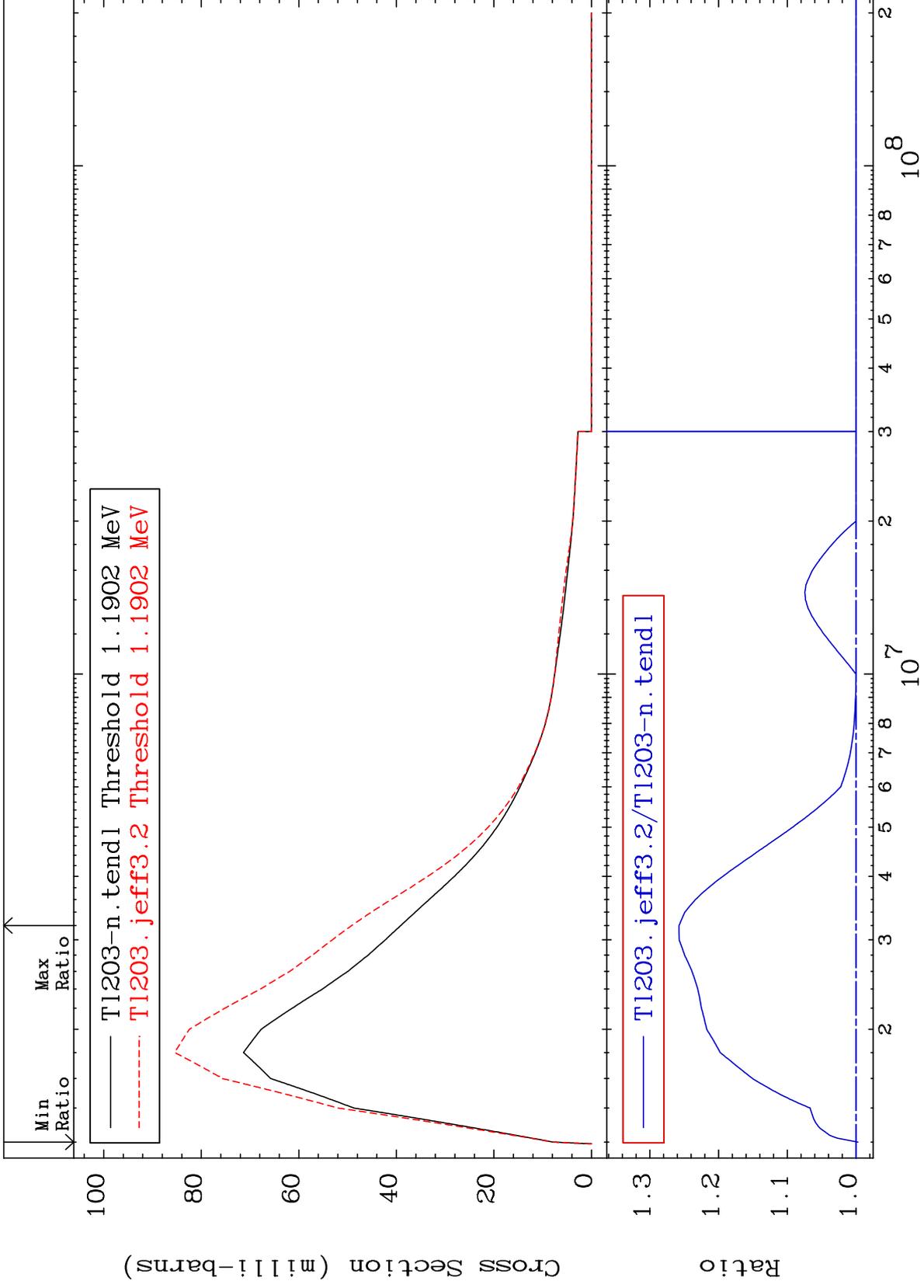


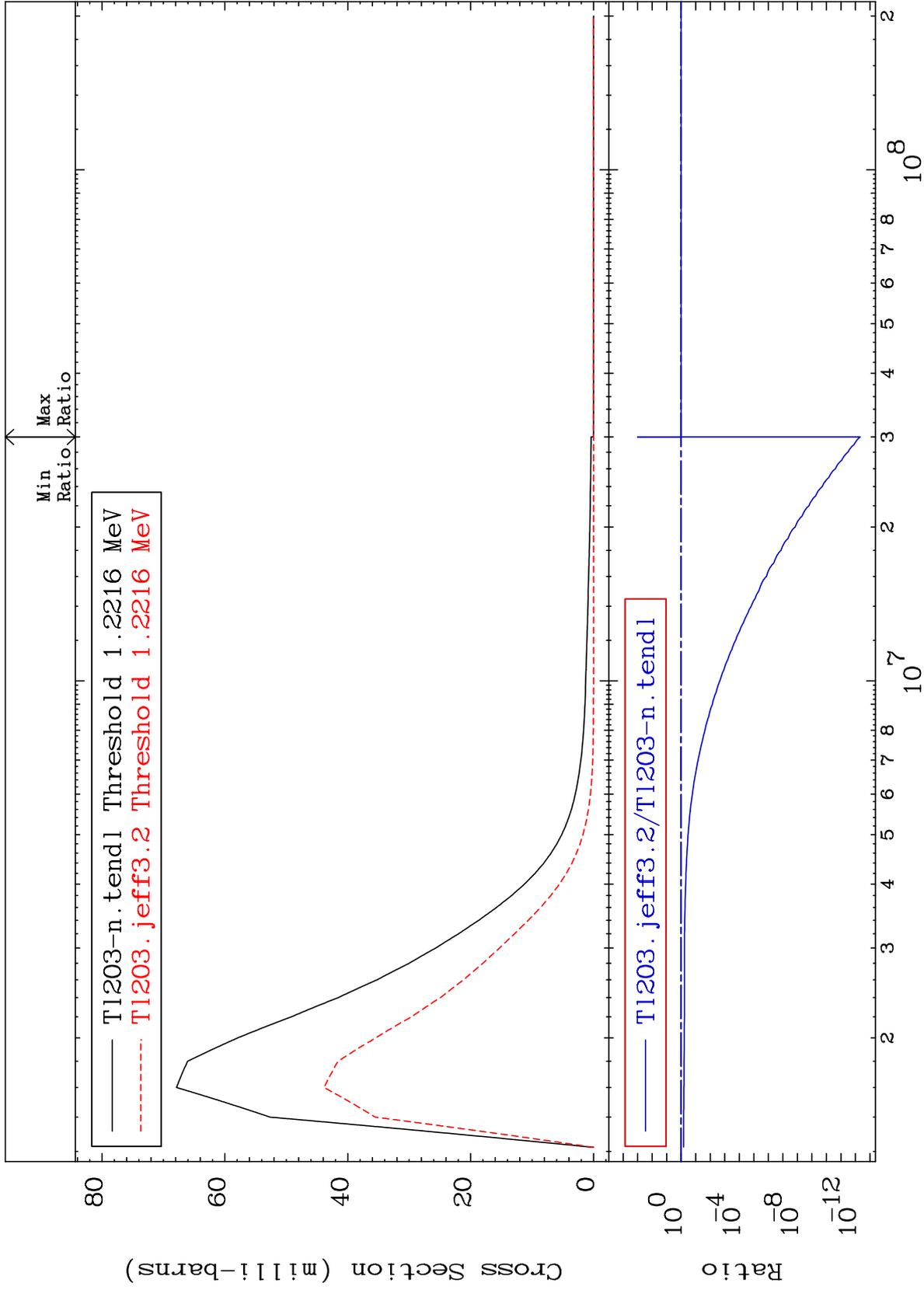


MAT 8125

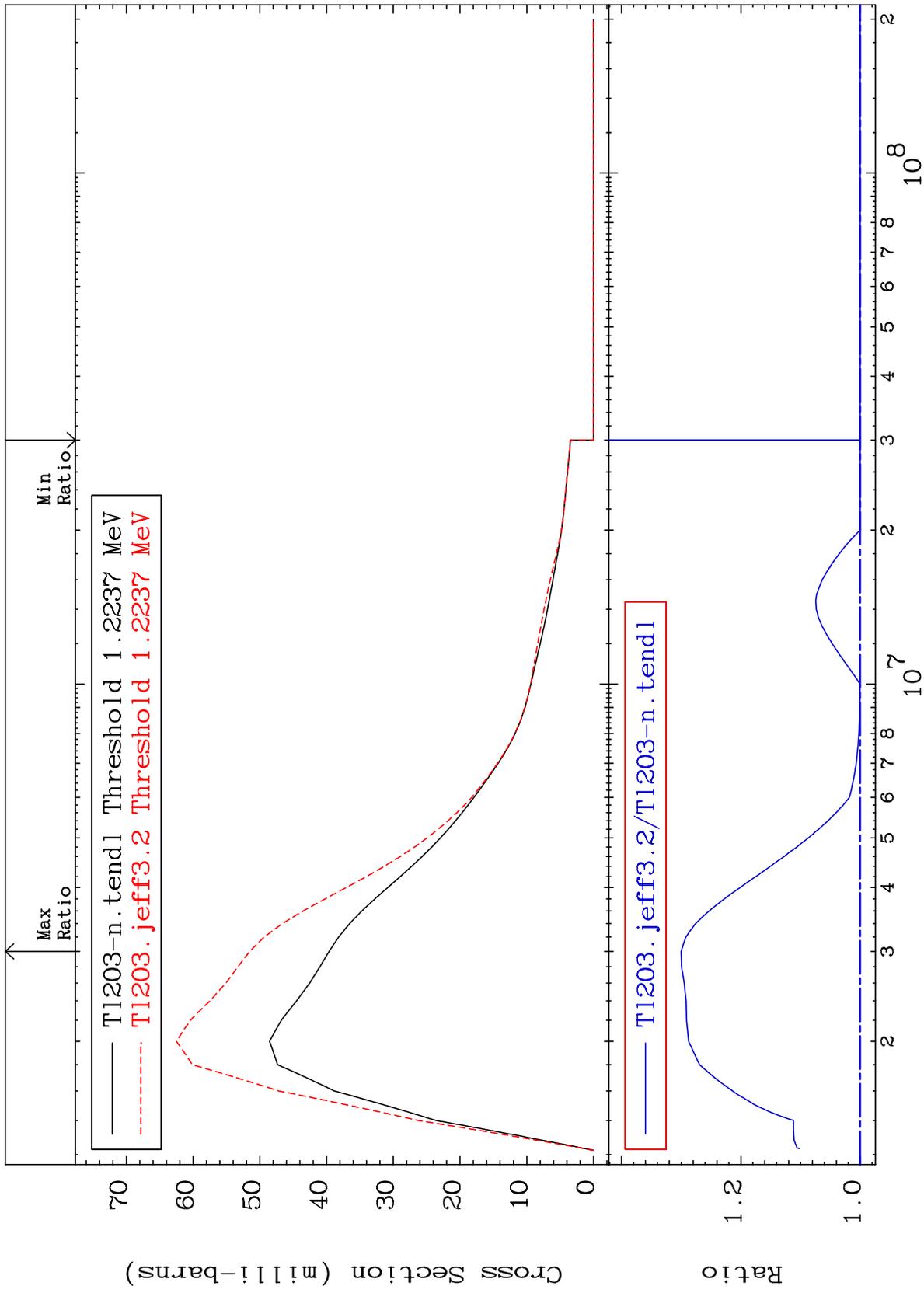
1.184 MeV (n,n') Level
Cross Section

81-Tl-203
-0.270 To 25.75 %





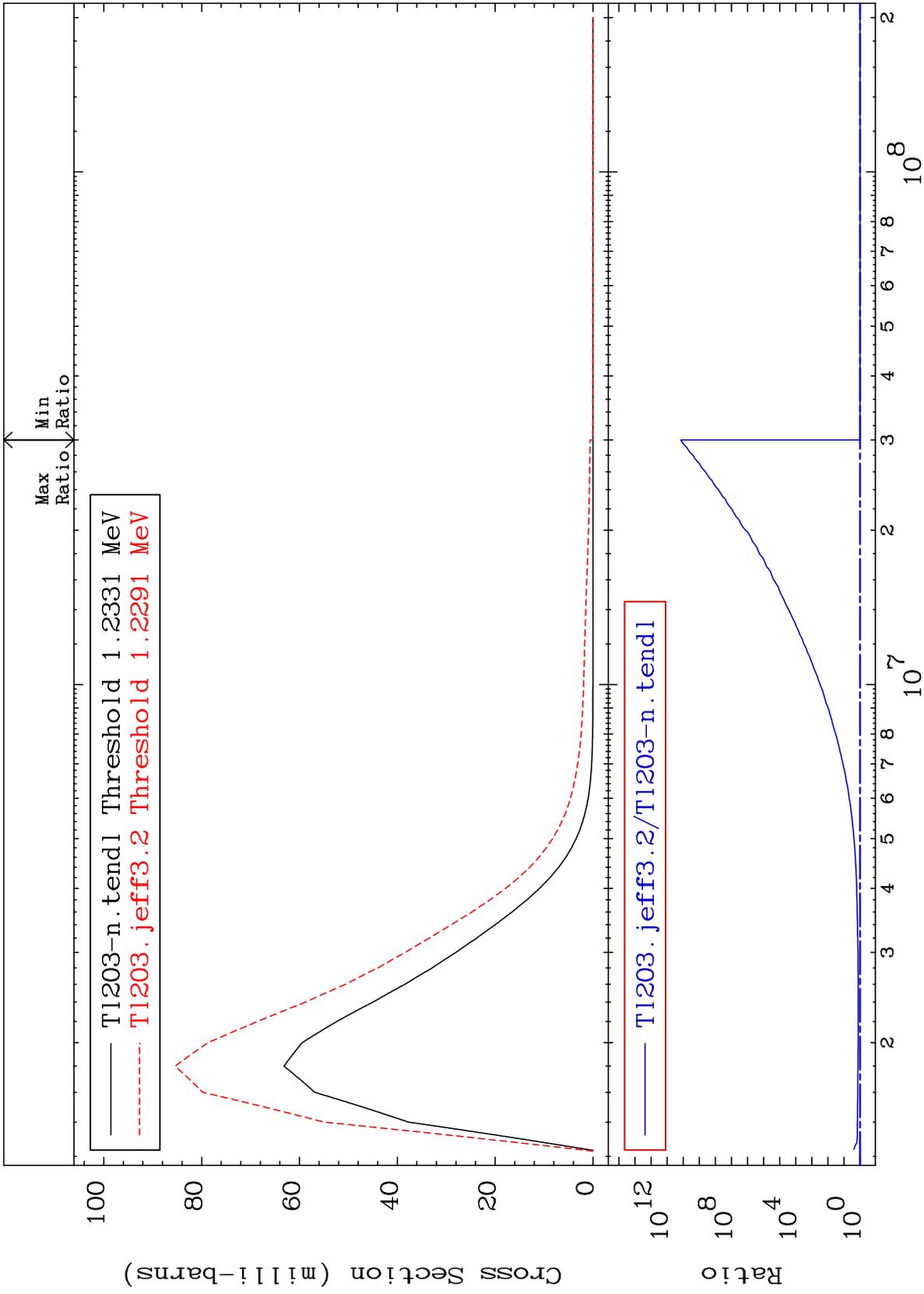
MAT 8125 1.218 MeV (n,n') Level 81-Tl-203
 Cross Section 0.000 To 30.01 %



MAT 8125

1.227 MeV (n,n') Level
Cross Section

81-Tl-203
To 9999. %

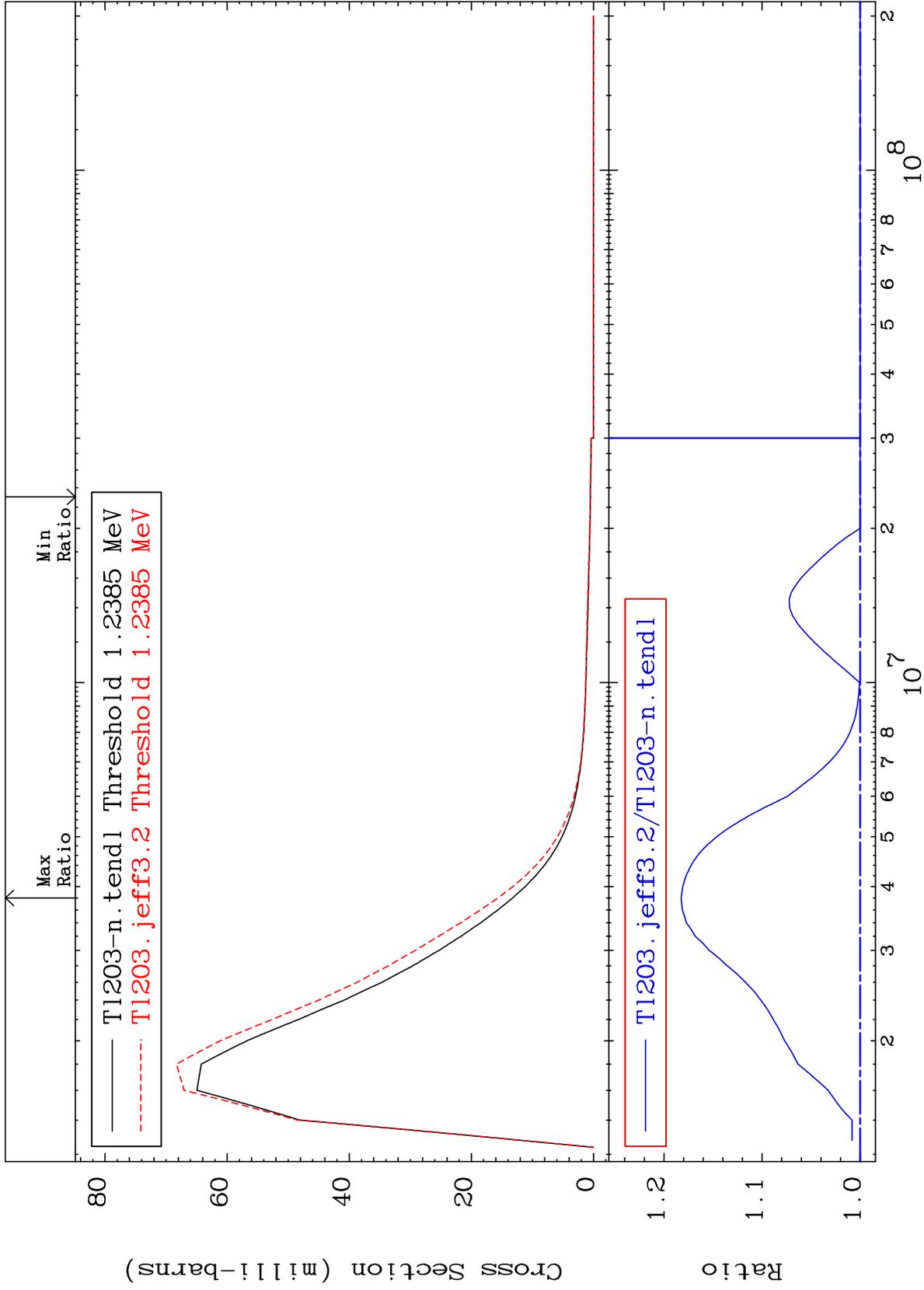


MAT 8125

1.232 MeV (n,n') Level

81-Tl-203

0.000 To 18.25 %

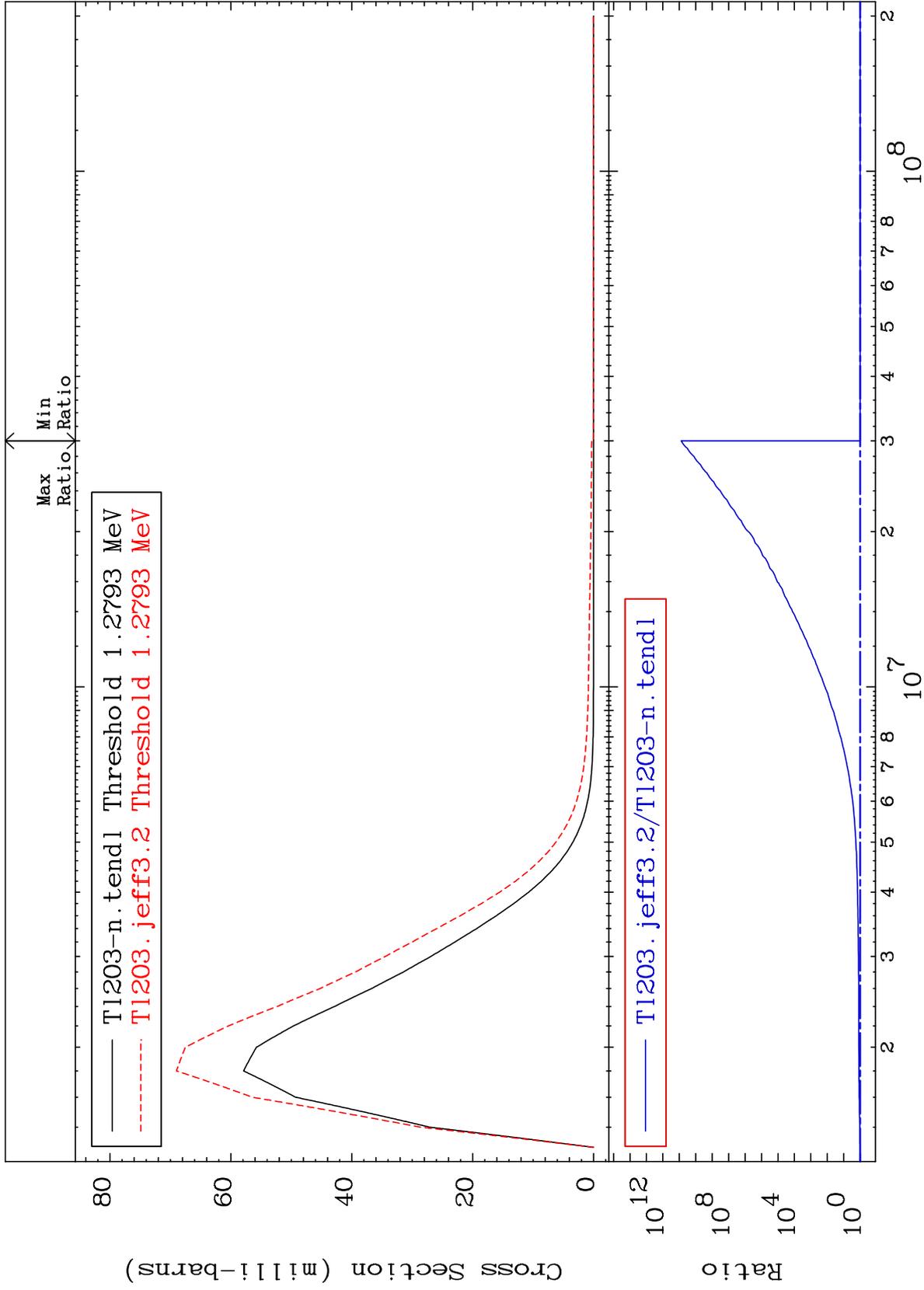


MAT 8125

1.273 MeV (n,n') Level

81-Tl-203

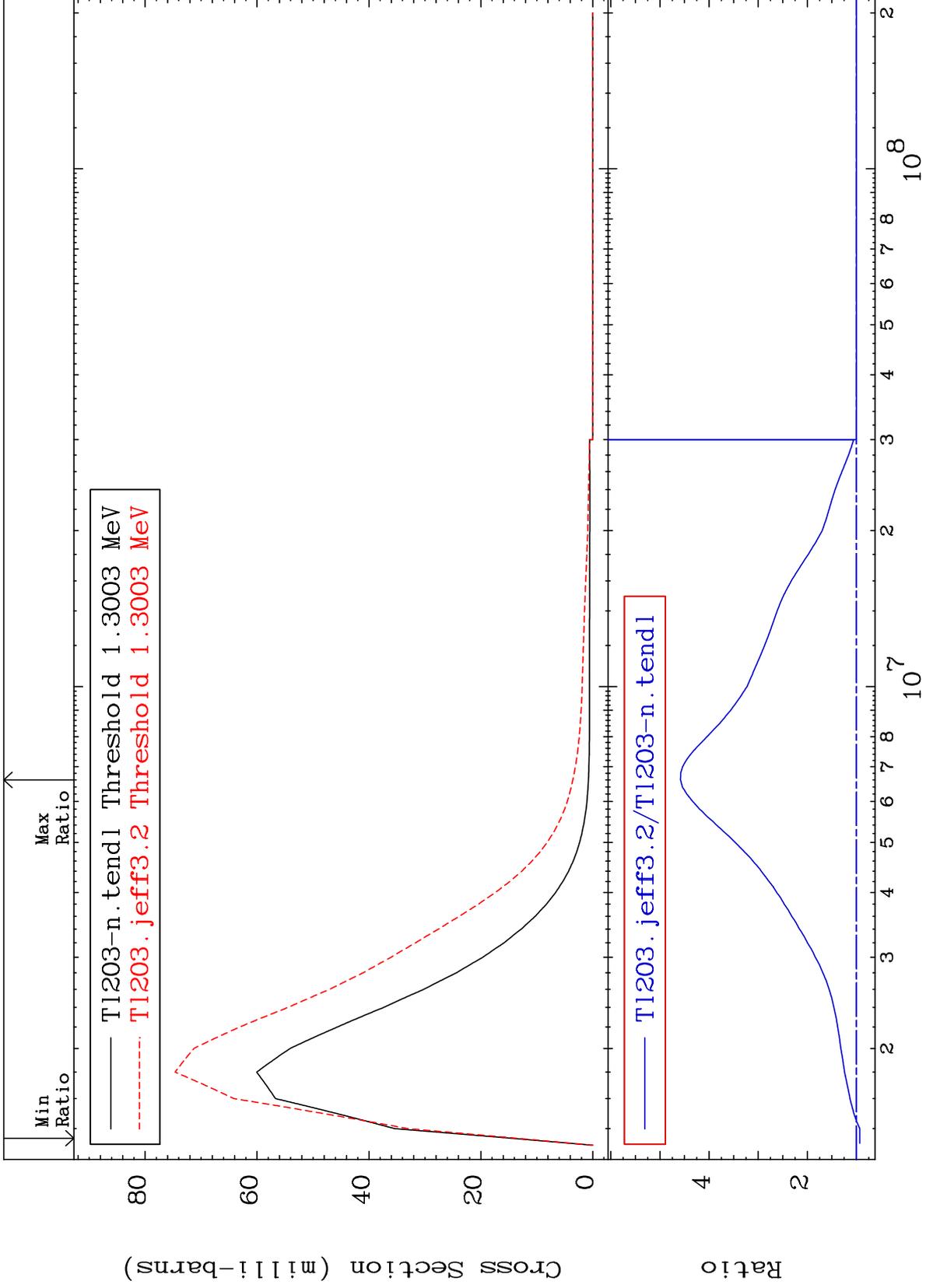
0.000 To 9999. %



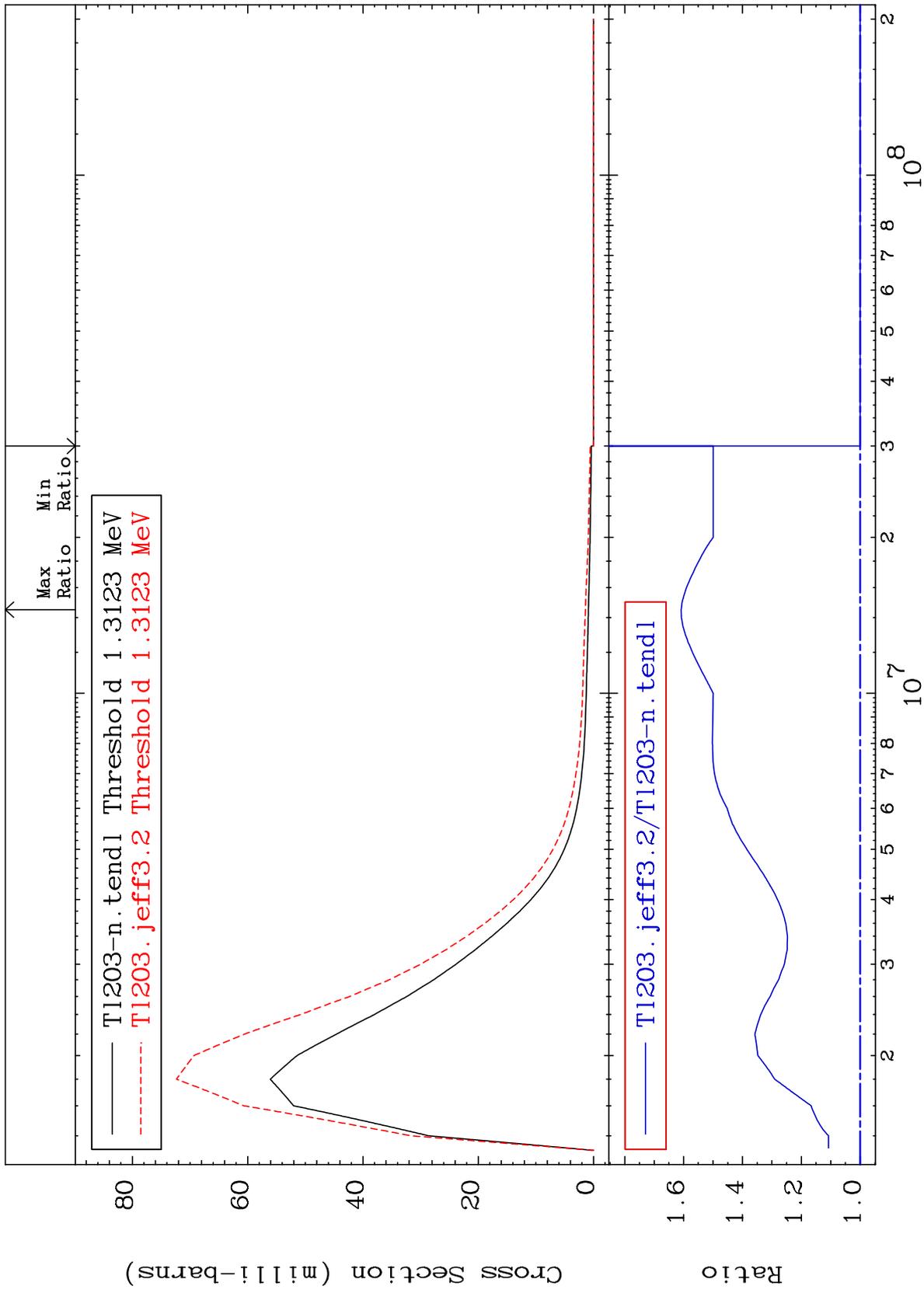
MAT 8125

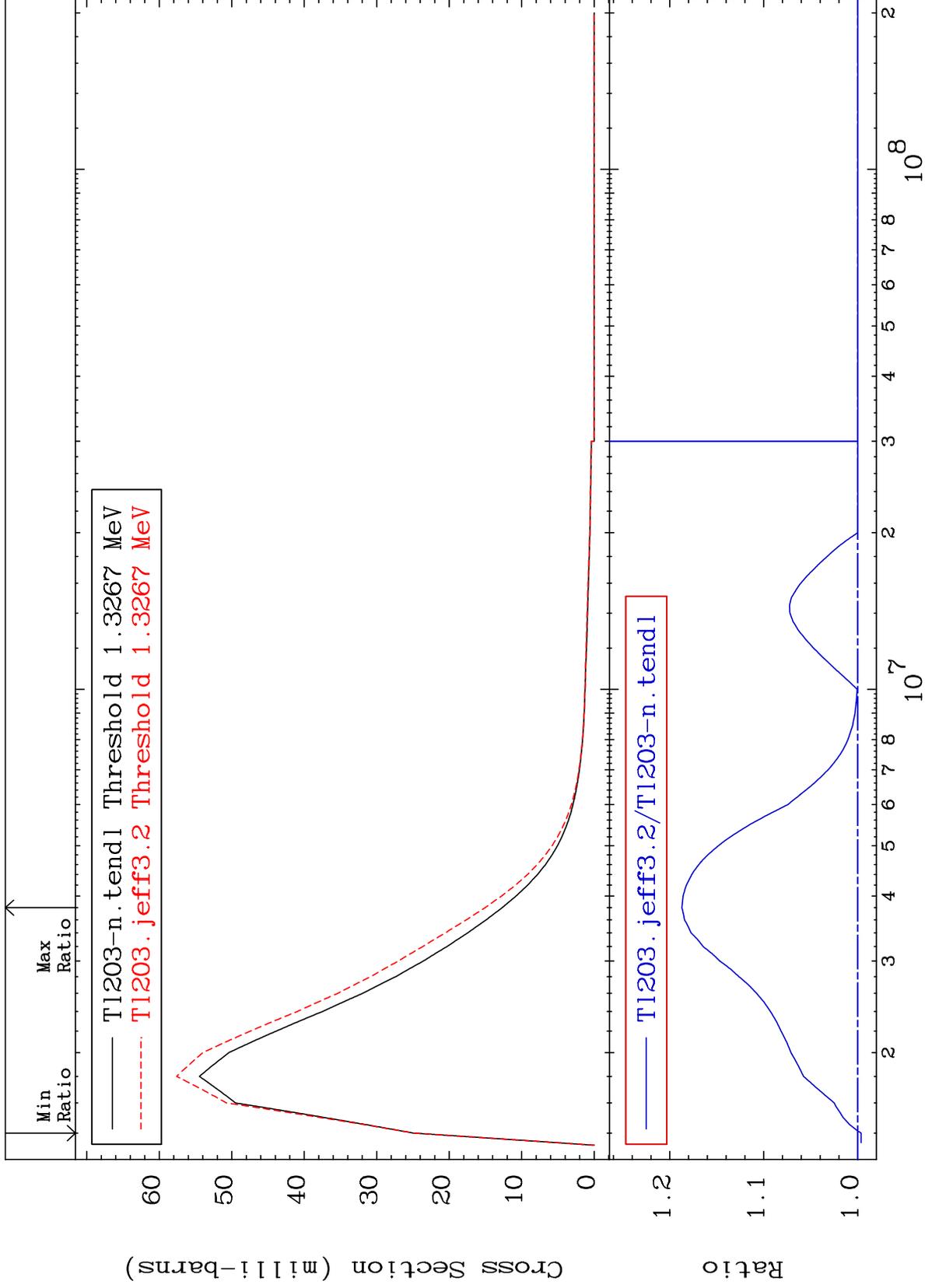
1.294 MeV (n,n') Level
Cross Section

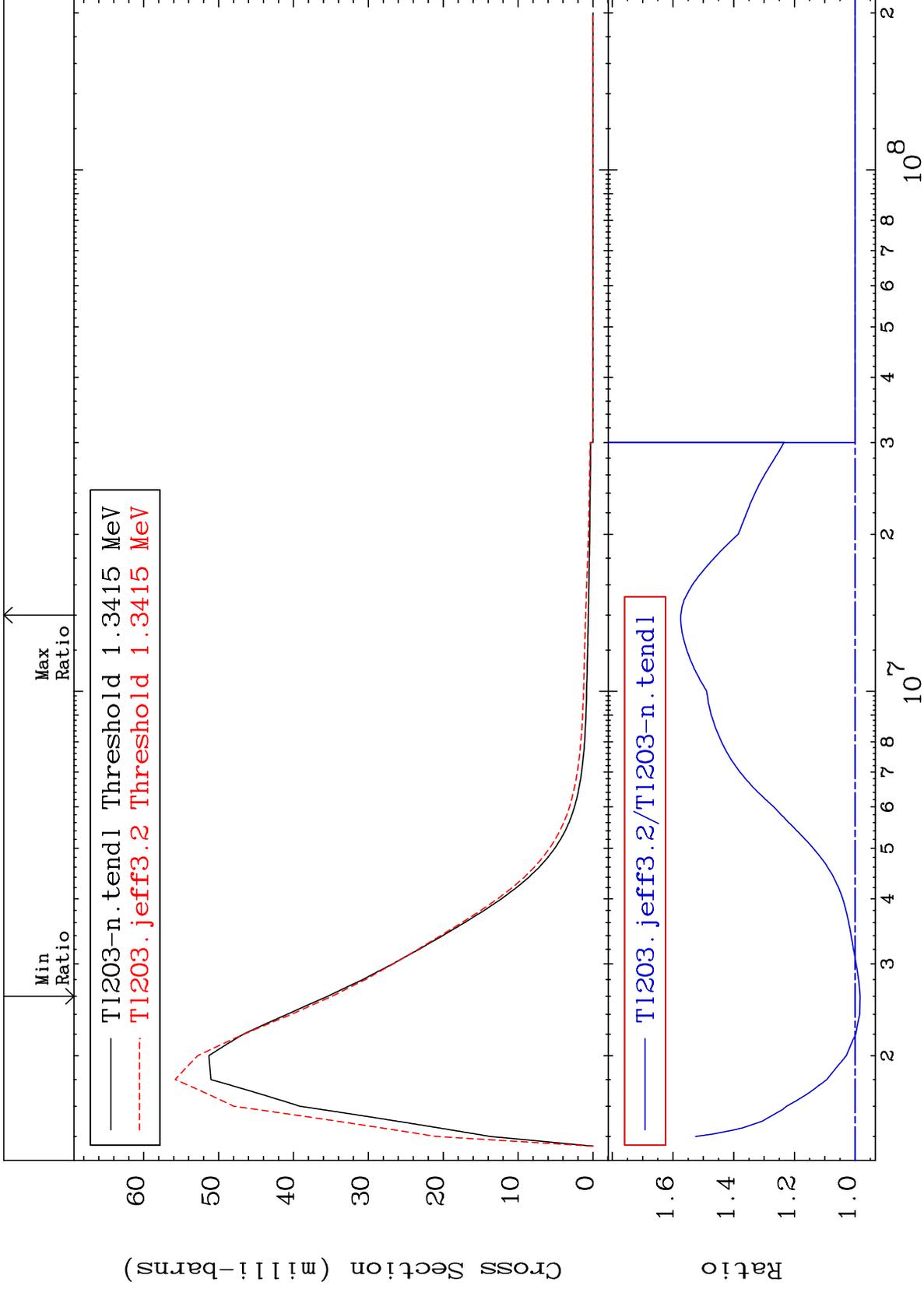
81-Tl-203
-6.752 To 358.1 %



MAT 8125 1.306 MeV (n,n') Level 81-Tl-203
 Cross Section 0.000 To 60.83 %



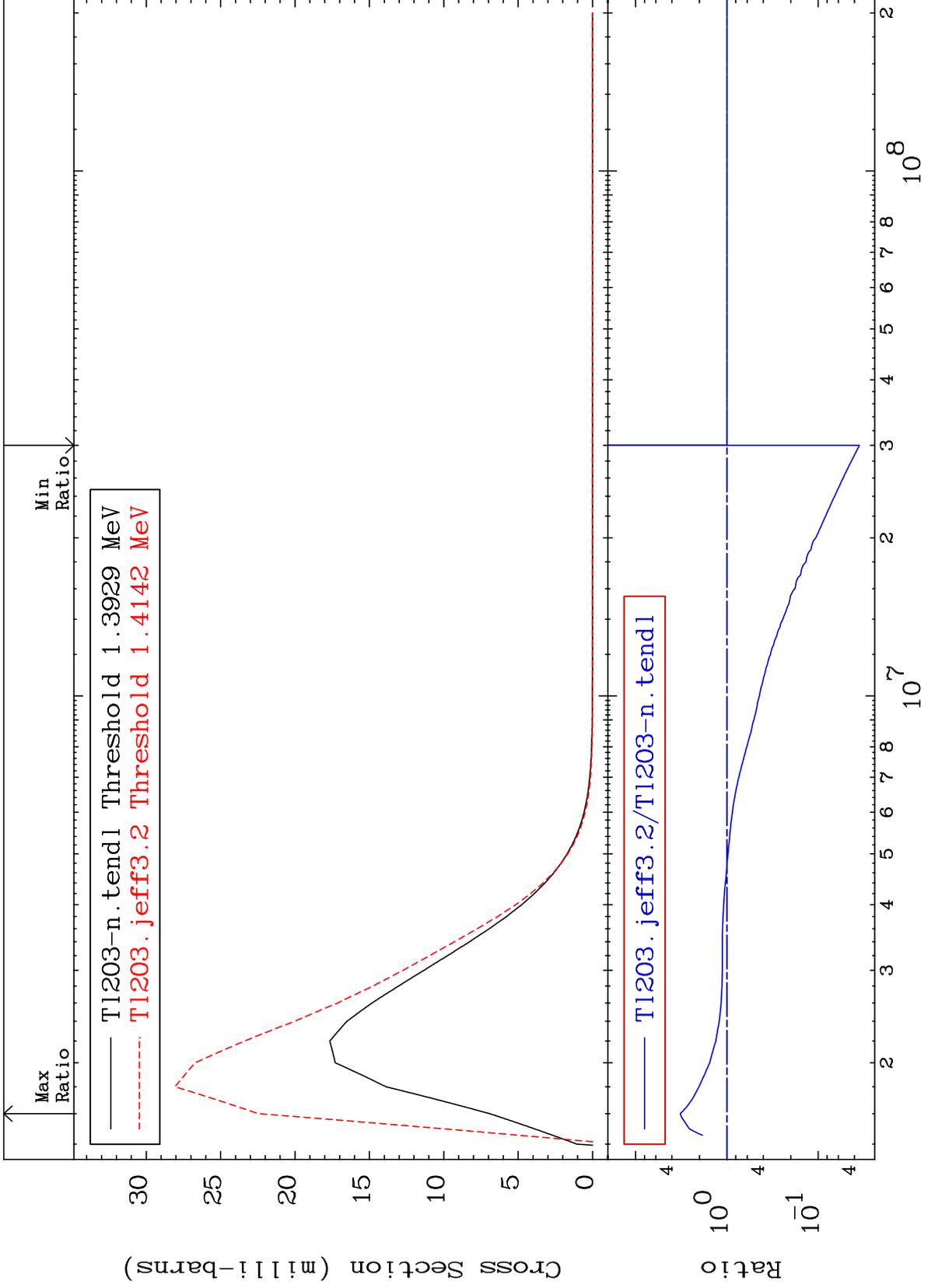


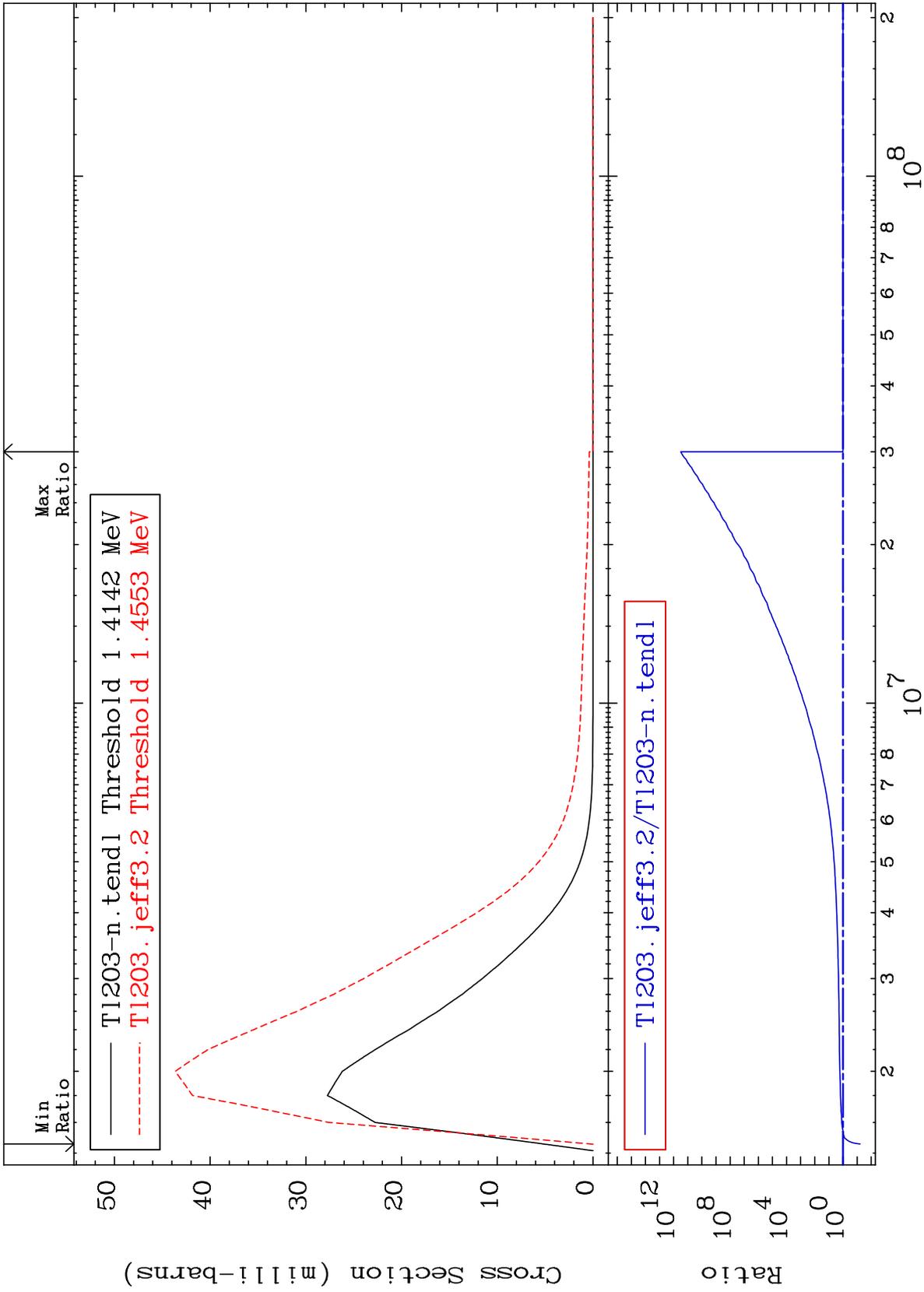


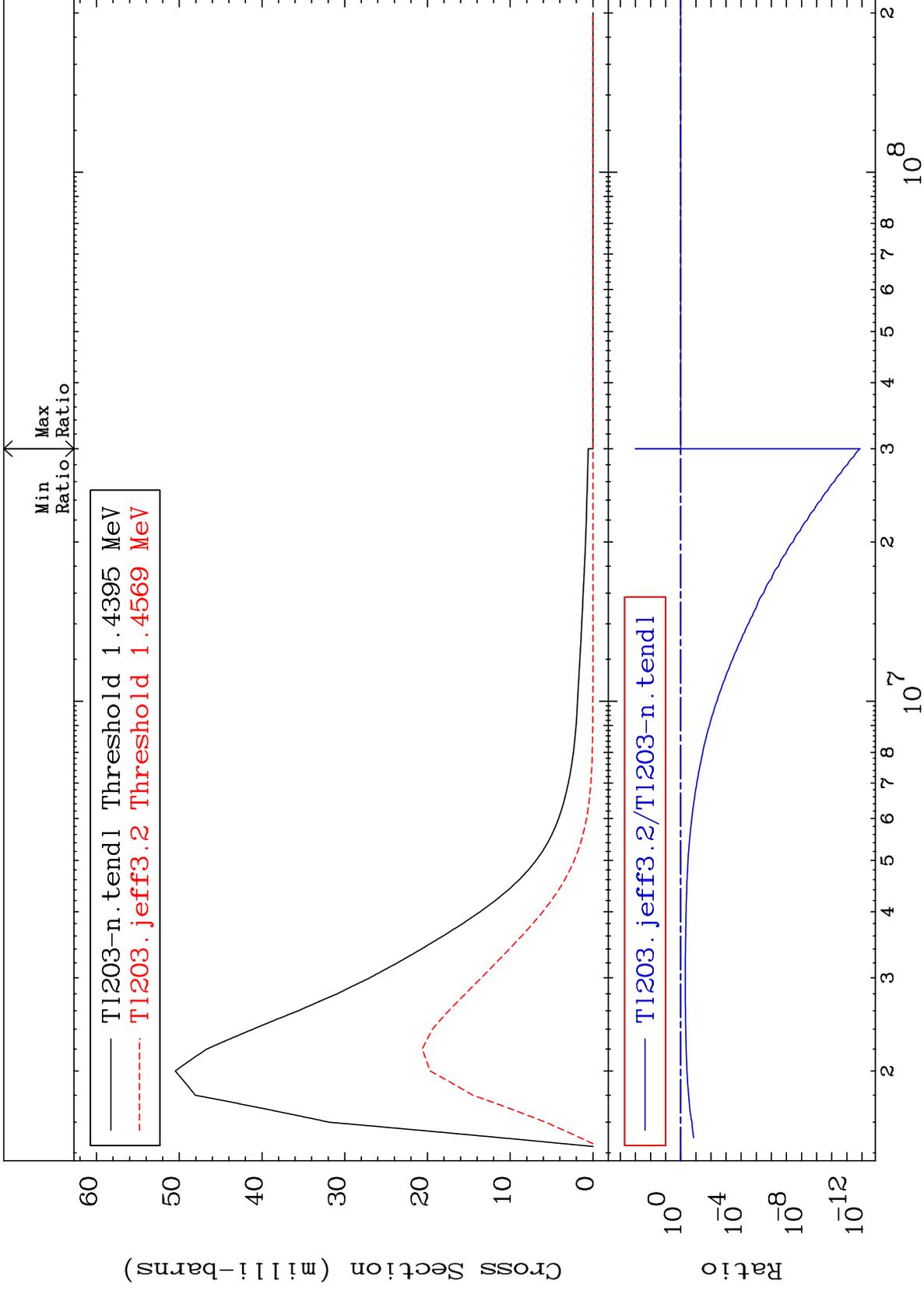
MAT 8125

1.386 MeV (n,n') Level
Cross Section

81-Tl-203
-96.47 To 224.5 %



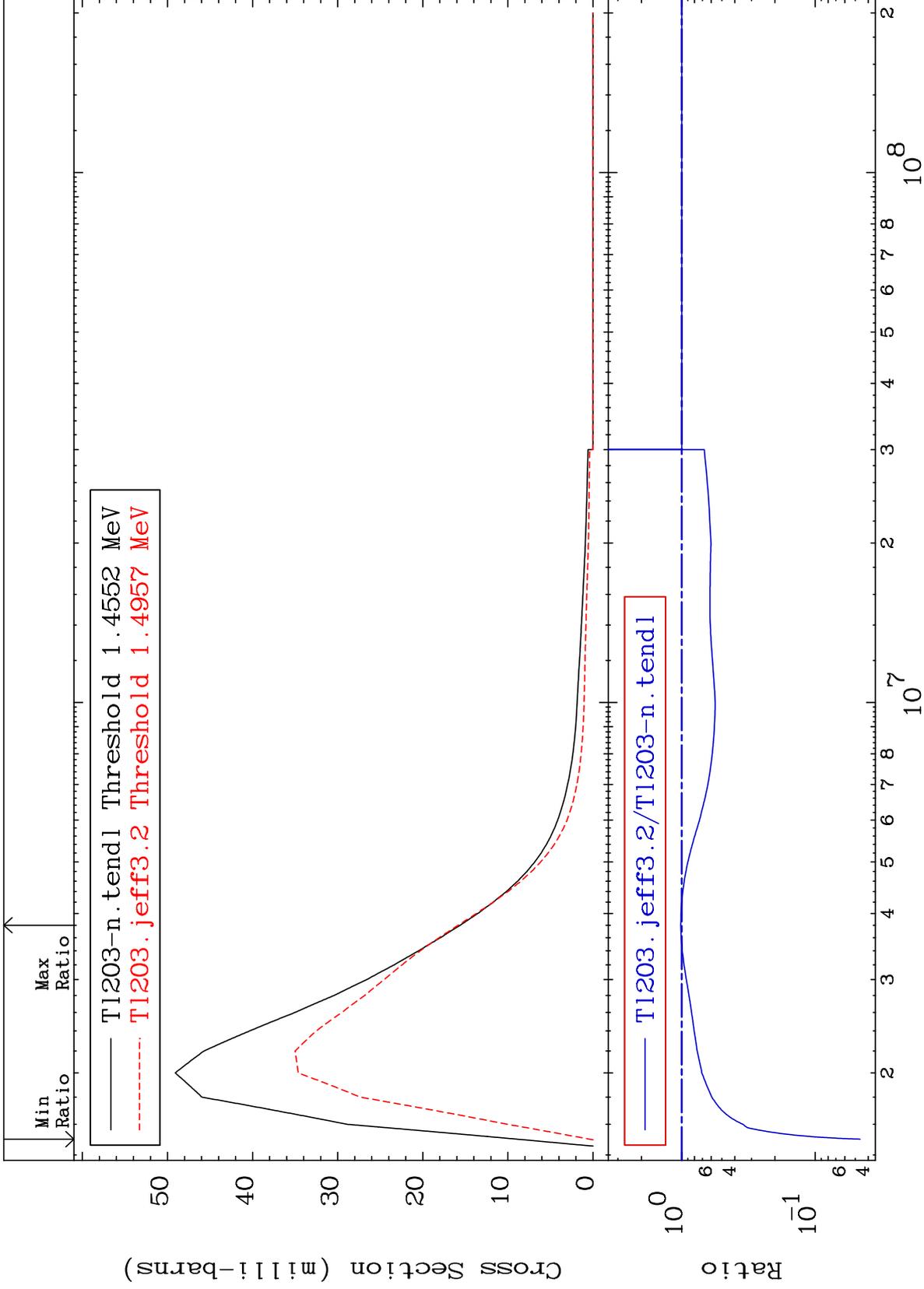




MAT 8125

1.448 MeV (n,n') Level
Cross Section

81-Tl-203
-95.39 To 1.554 %



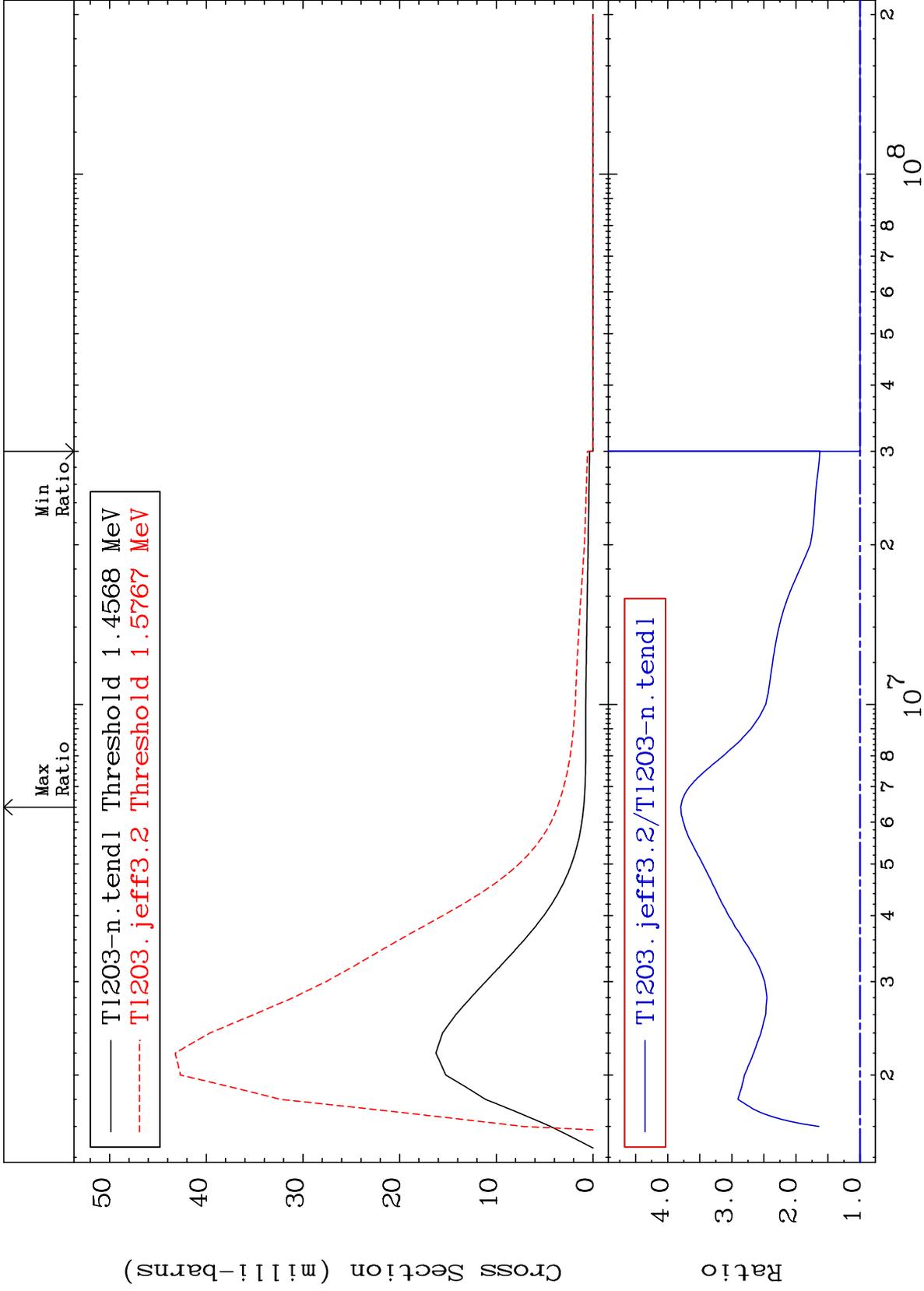
40

81-Tl-203

MAT 8125

1.450 MeV (n,n') Level
Cross Section

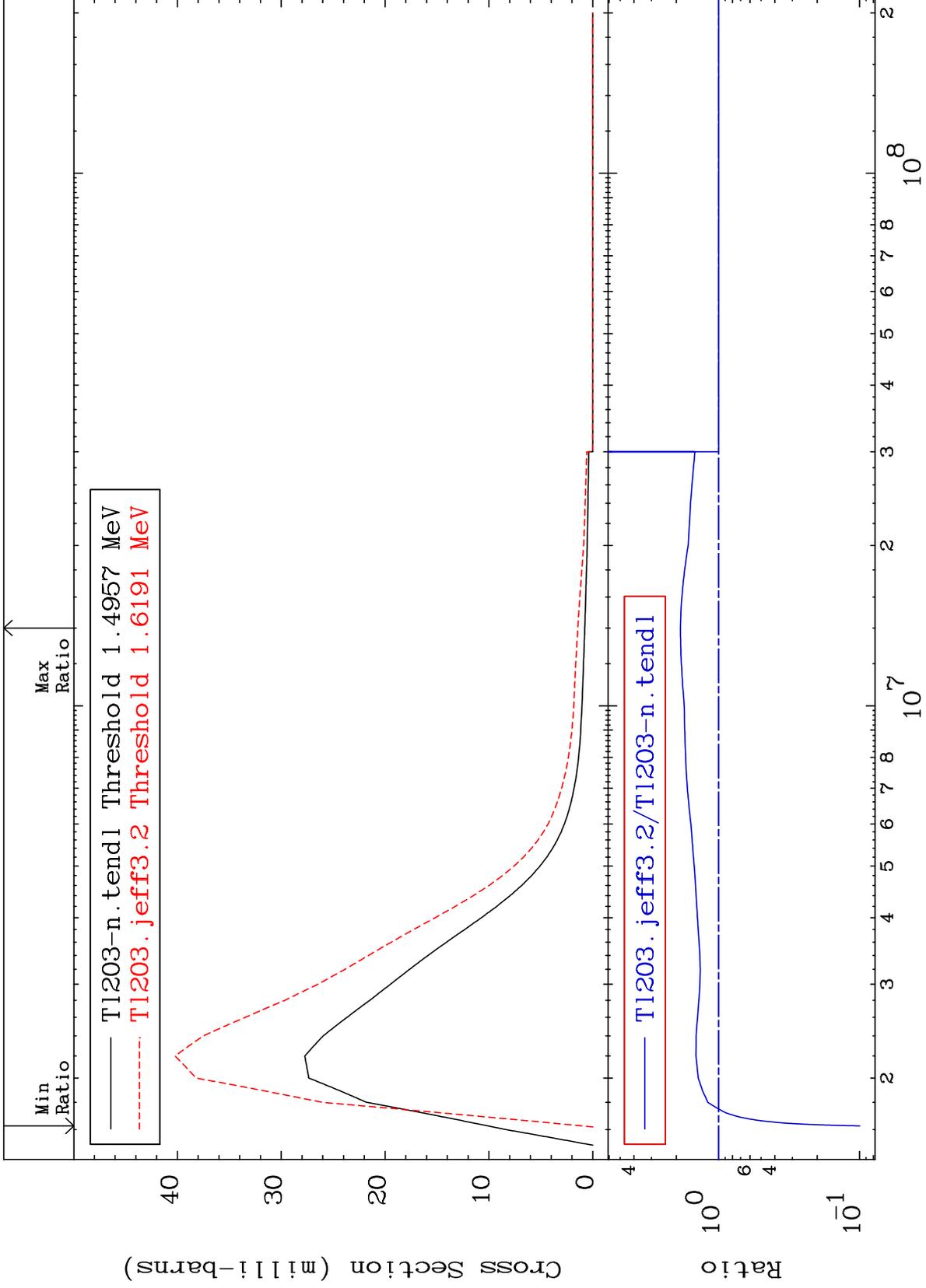
81-Tl-203
0.000 To 279.7 %



MAT 8125

1.488 MeV (n,n') Level
Cross Section

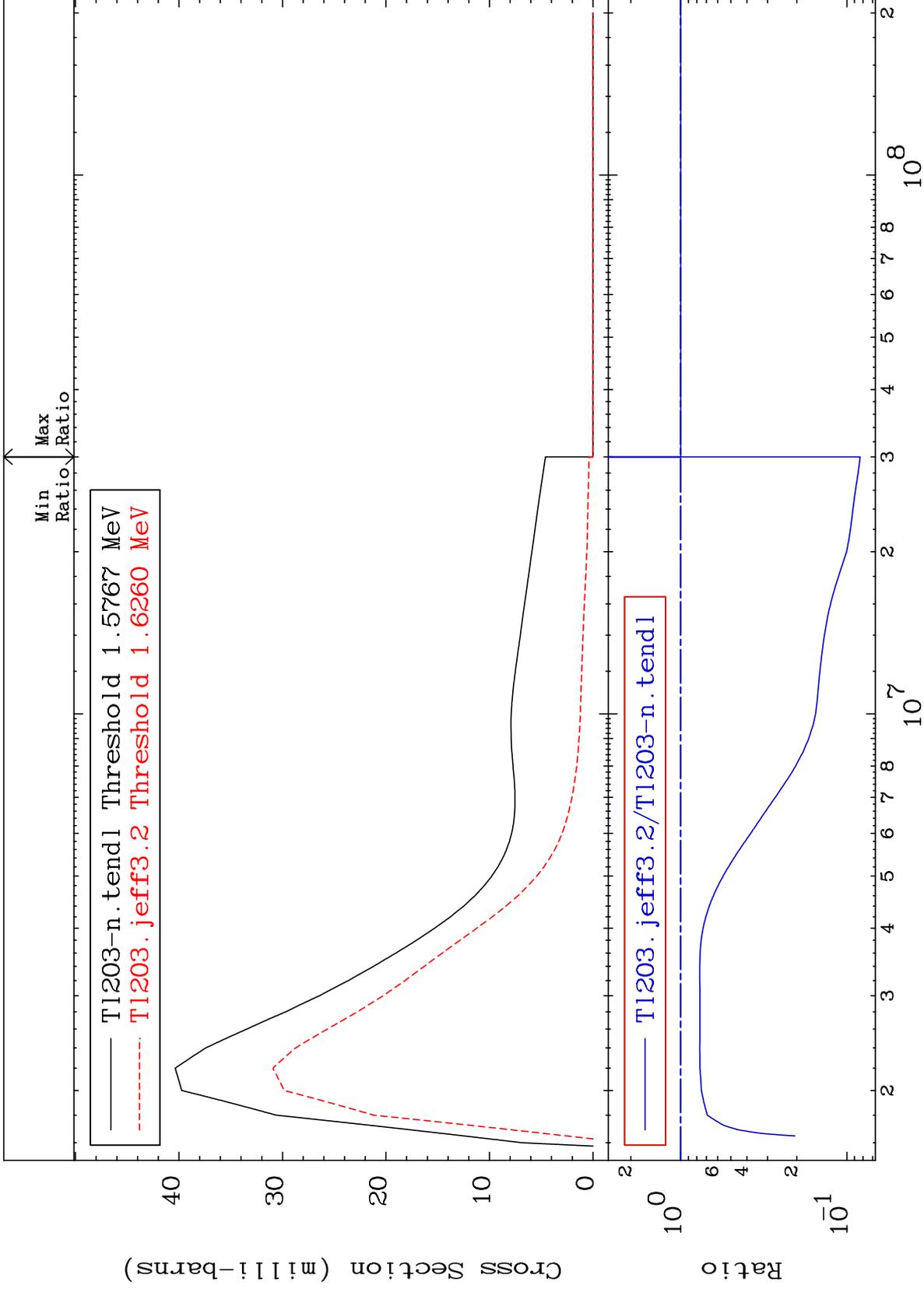
81-Tl-203
-90.03 To 86.62 %



MAT 8125

1.569 MeV (n,n') Level
Cross Section

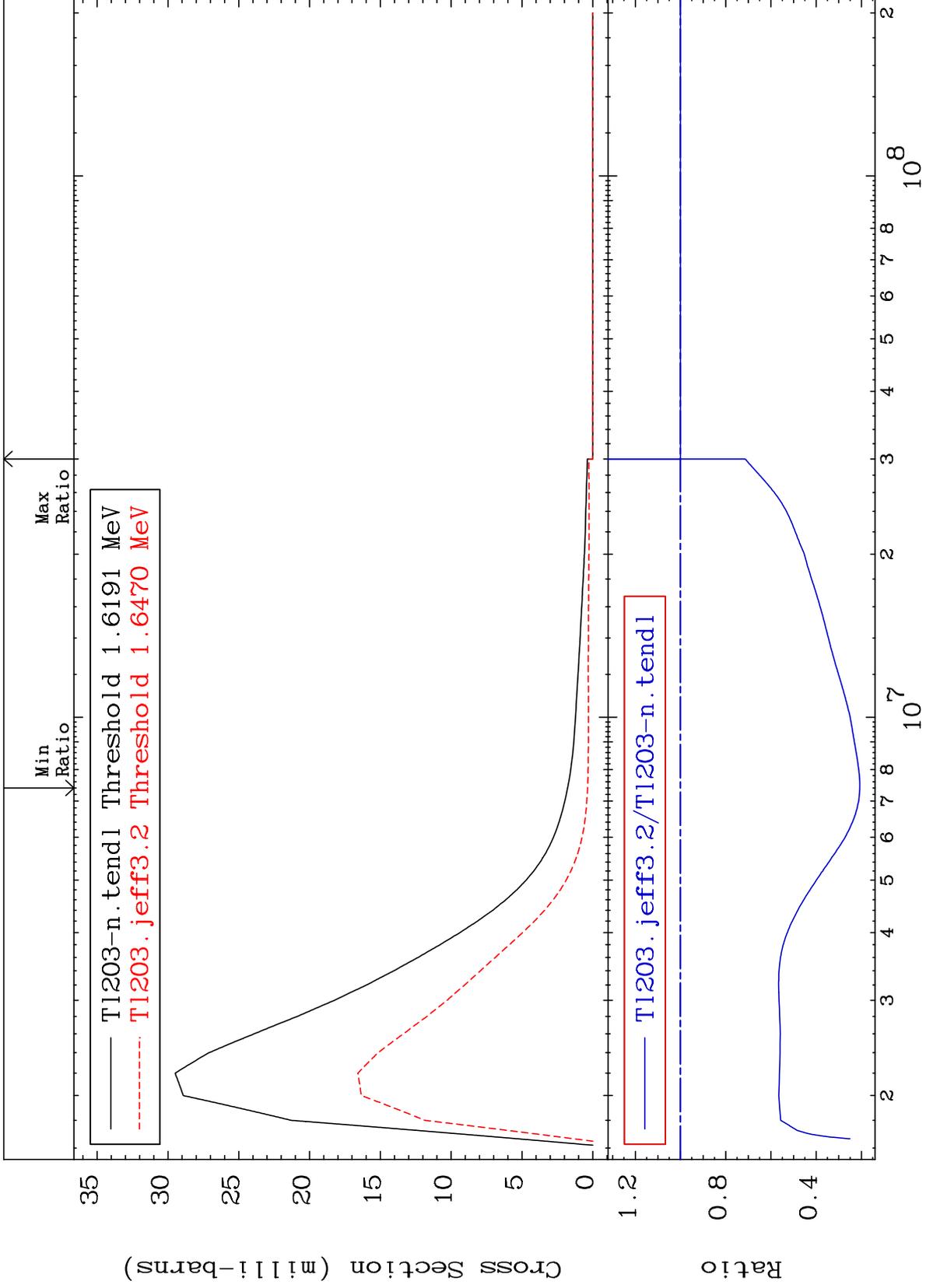
81-Tl-203
-91.67 To 0.000 %

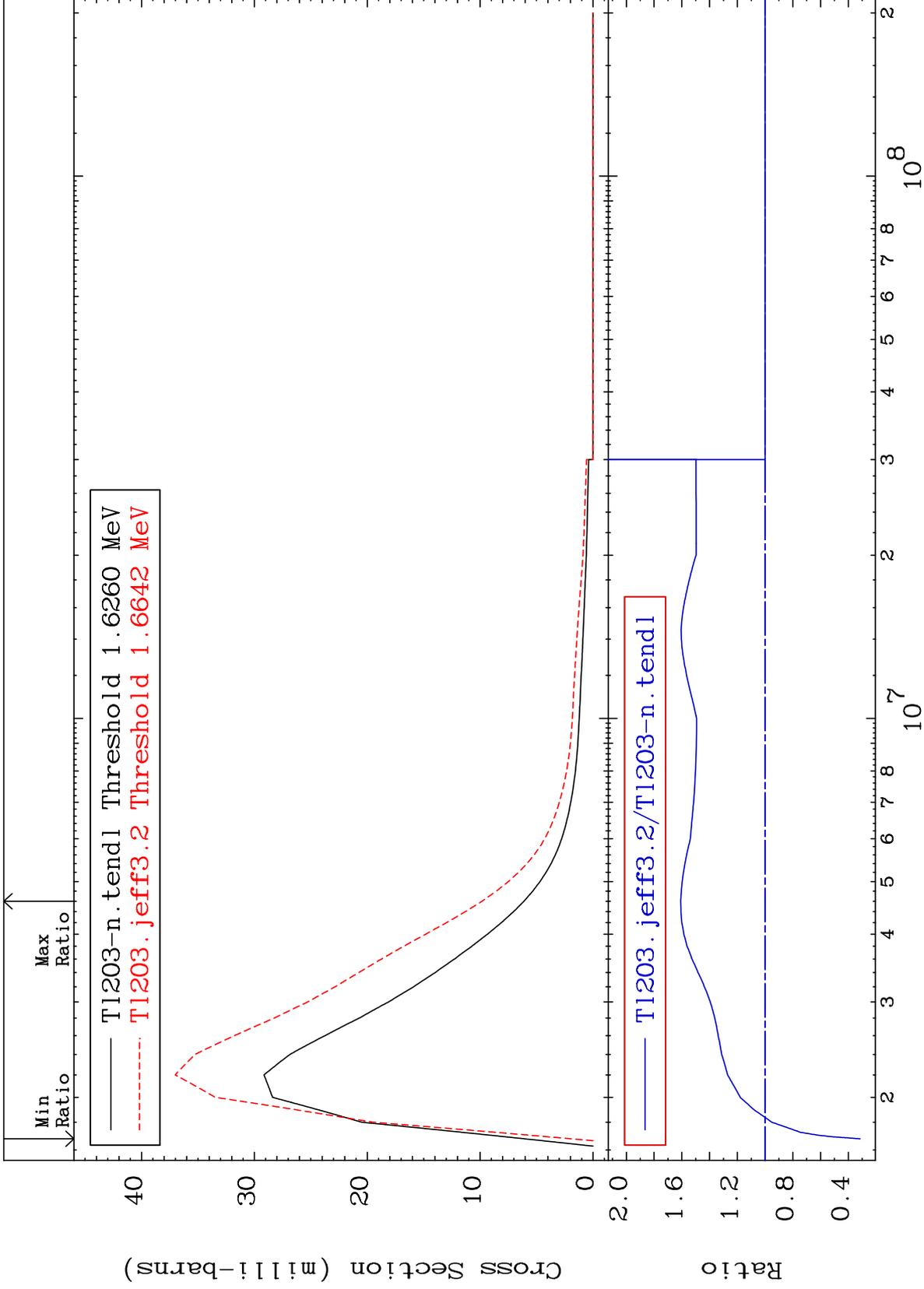


MAT 8125

1.611 MeV (n,n') Level
Cross Section

81-Tl-203
-79.29 To 0.000 %

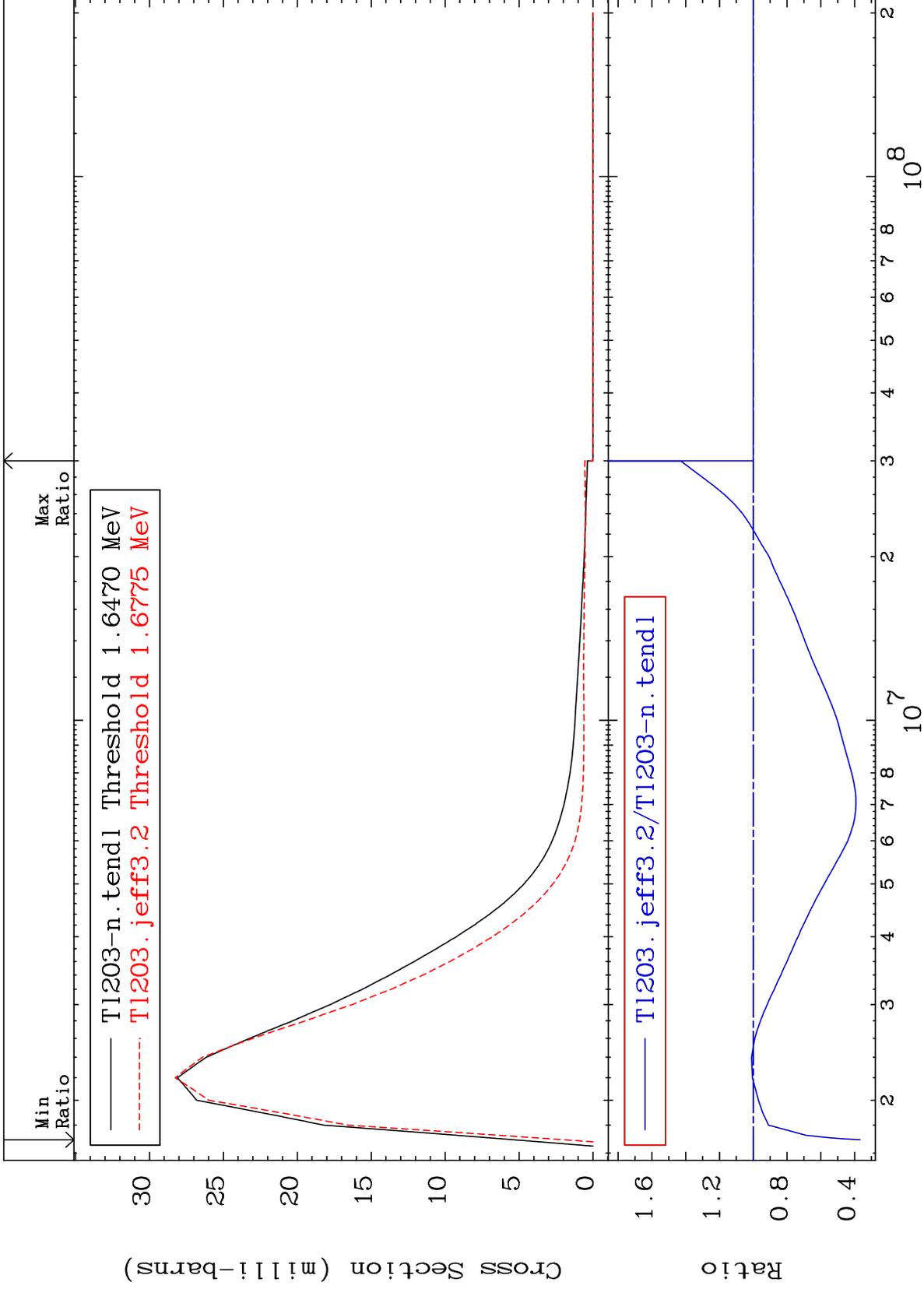




MAT 8125

1.639 MeV (n,n') Level
Cross Section

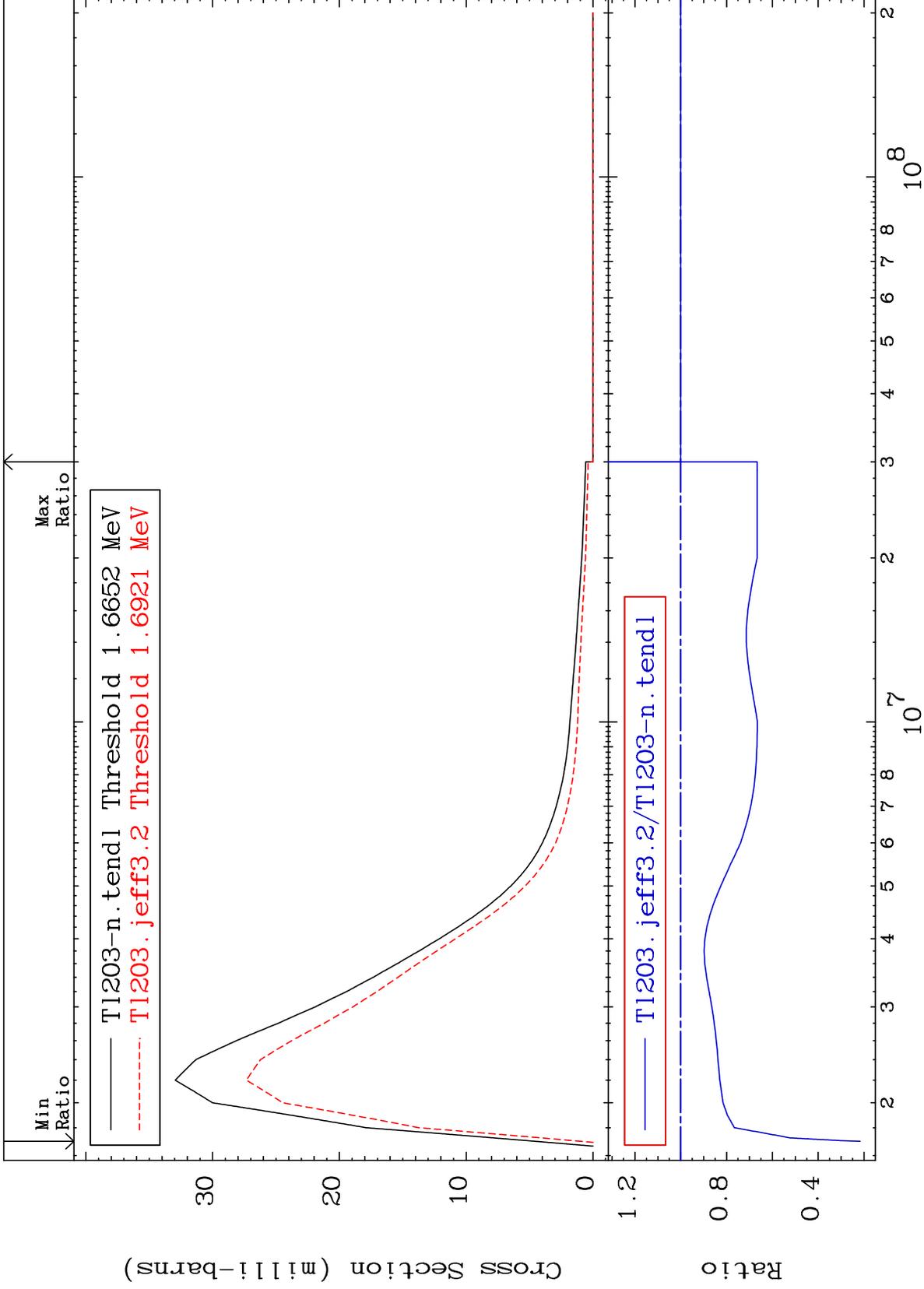
81-Tl-203
-63.28 To 42.92 %



MAT 8125

1.657 MeV (n,n') Level
Cross Section

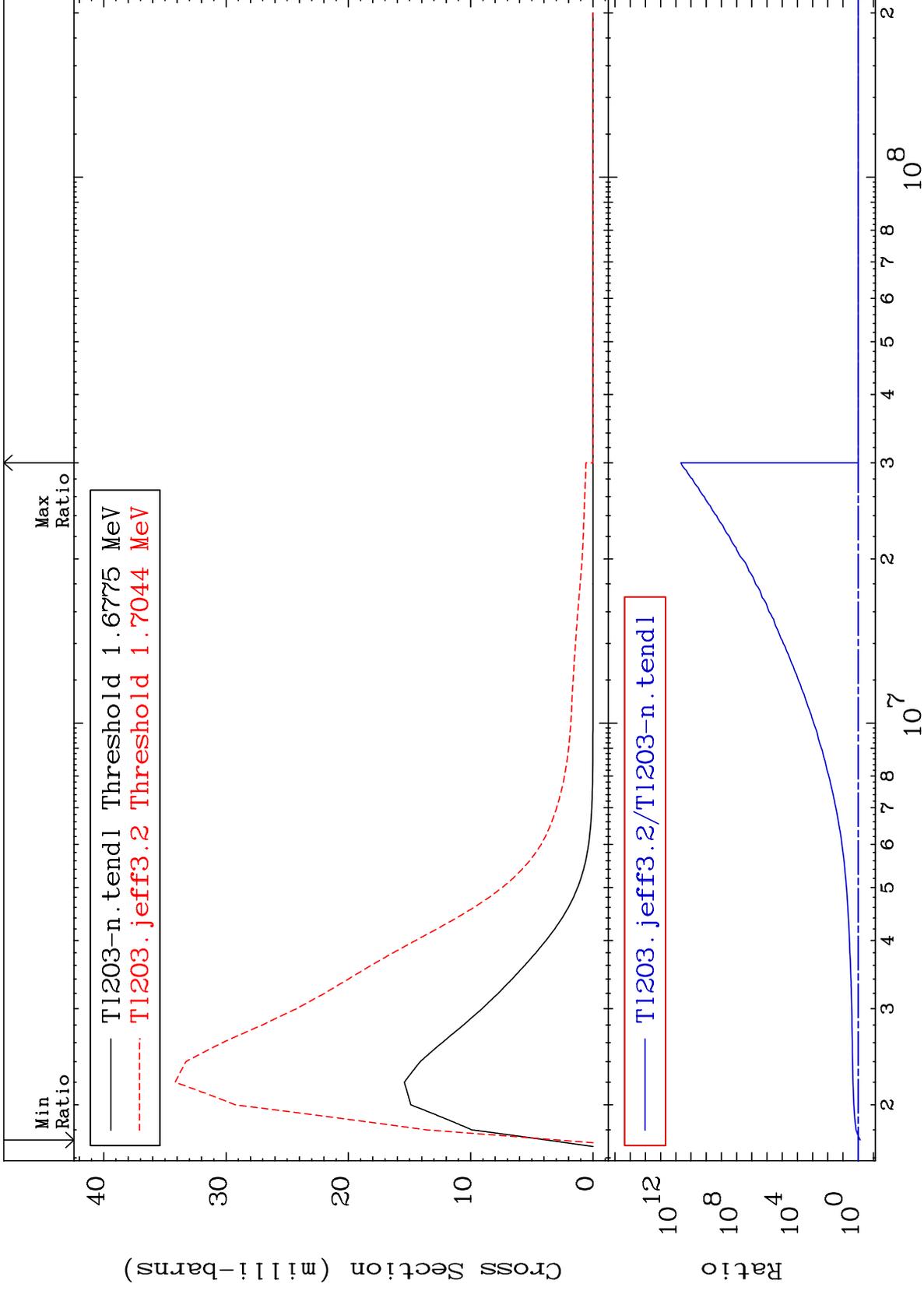
81-Tl-203
-78.28 To 0.000 %



MAT 8125

1.669 MeV (n,n') Level
Cross Section

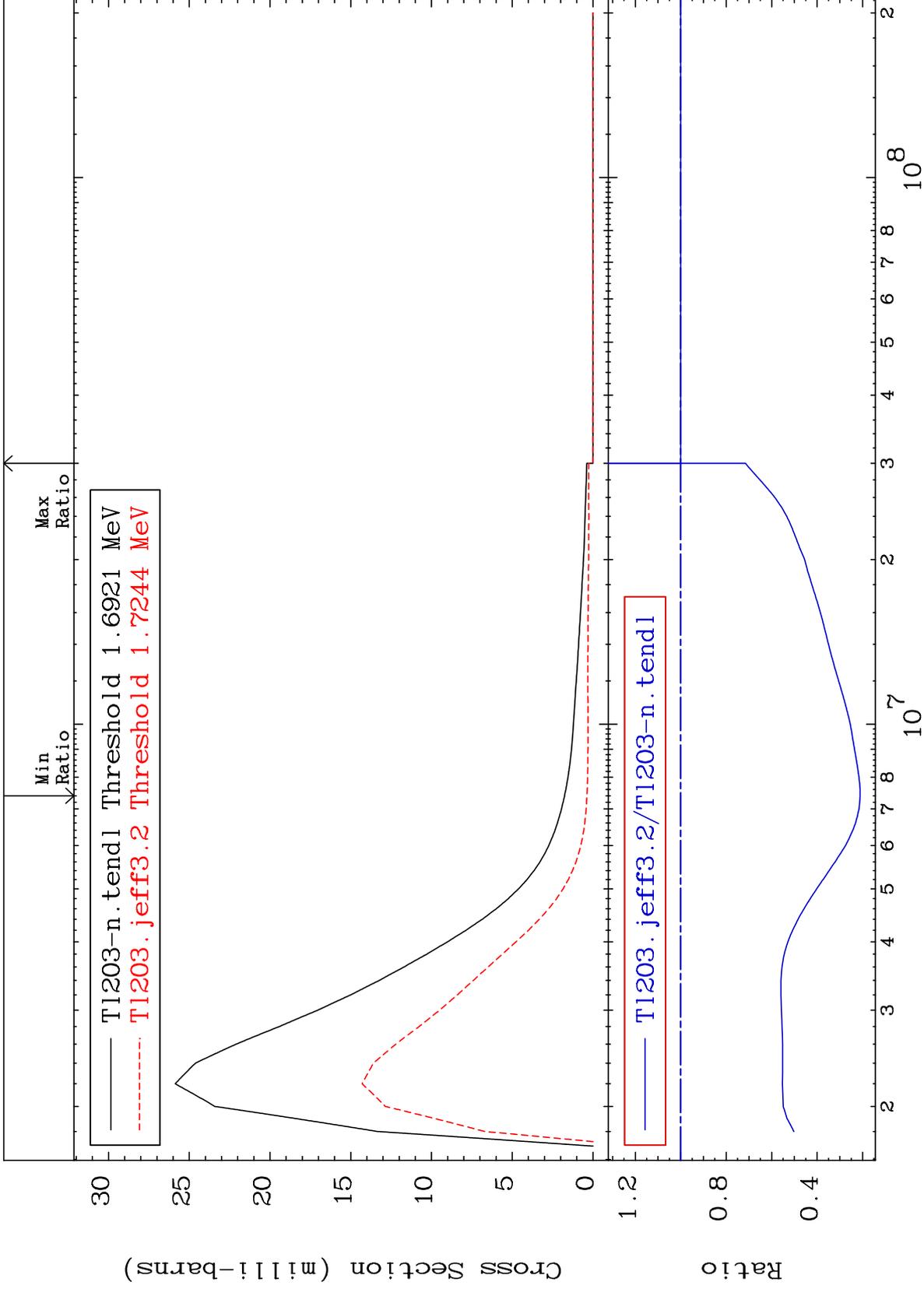
81-Tl-203
-24.74 To 9999. %

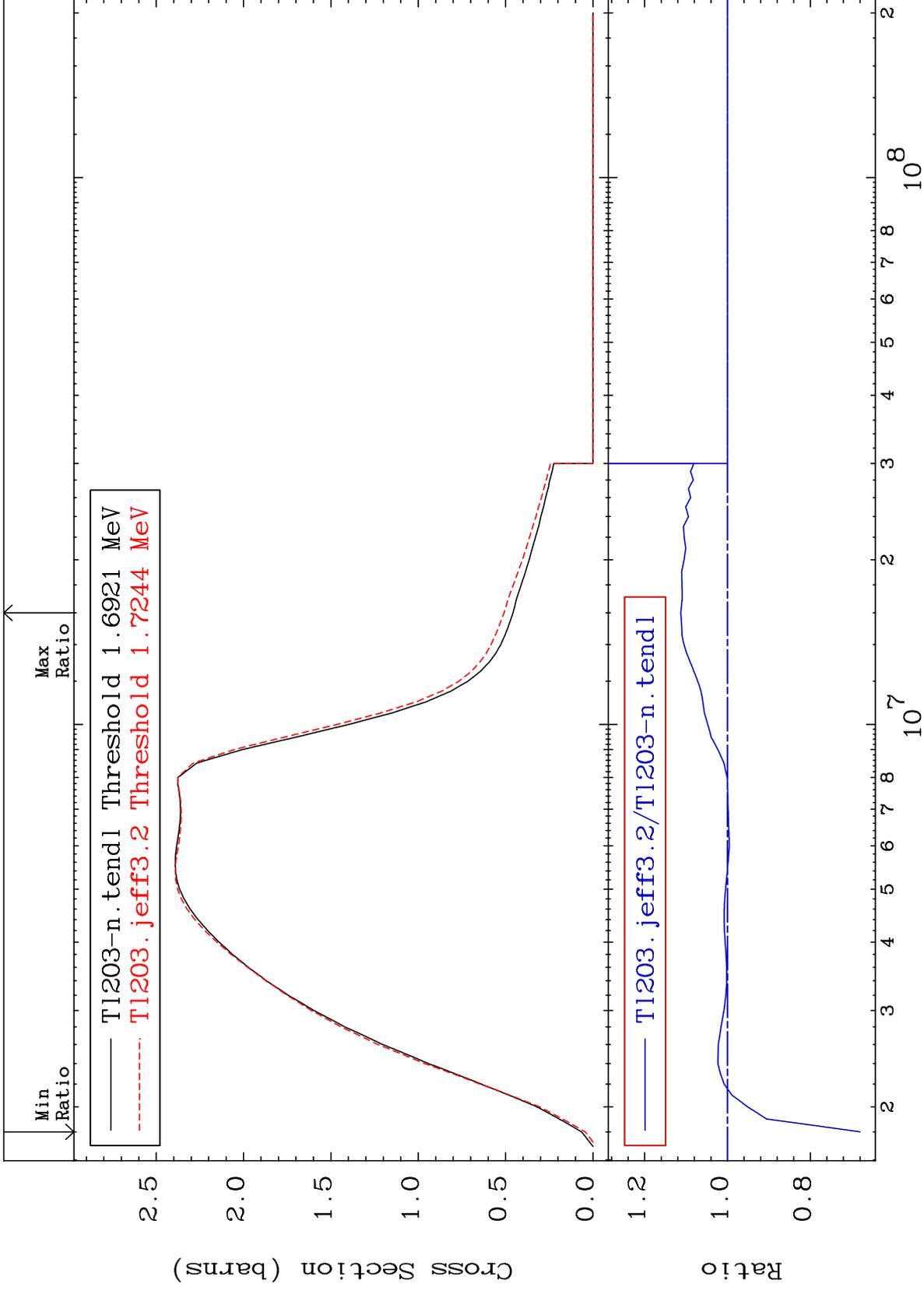


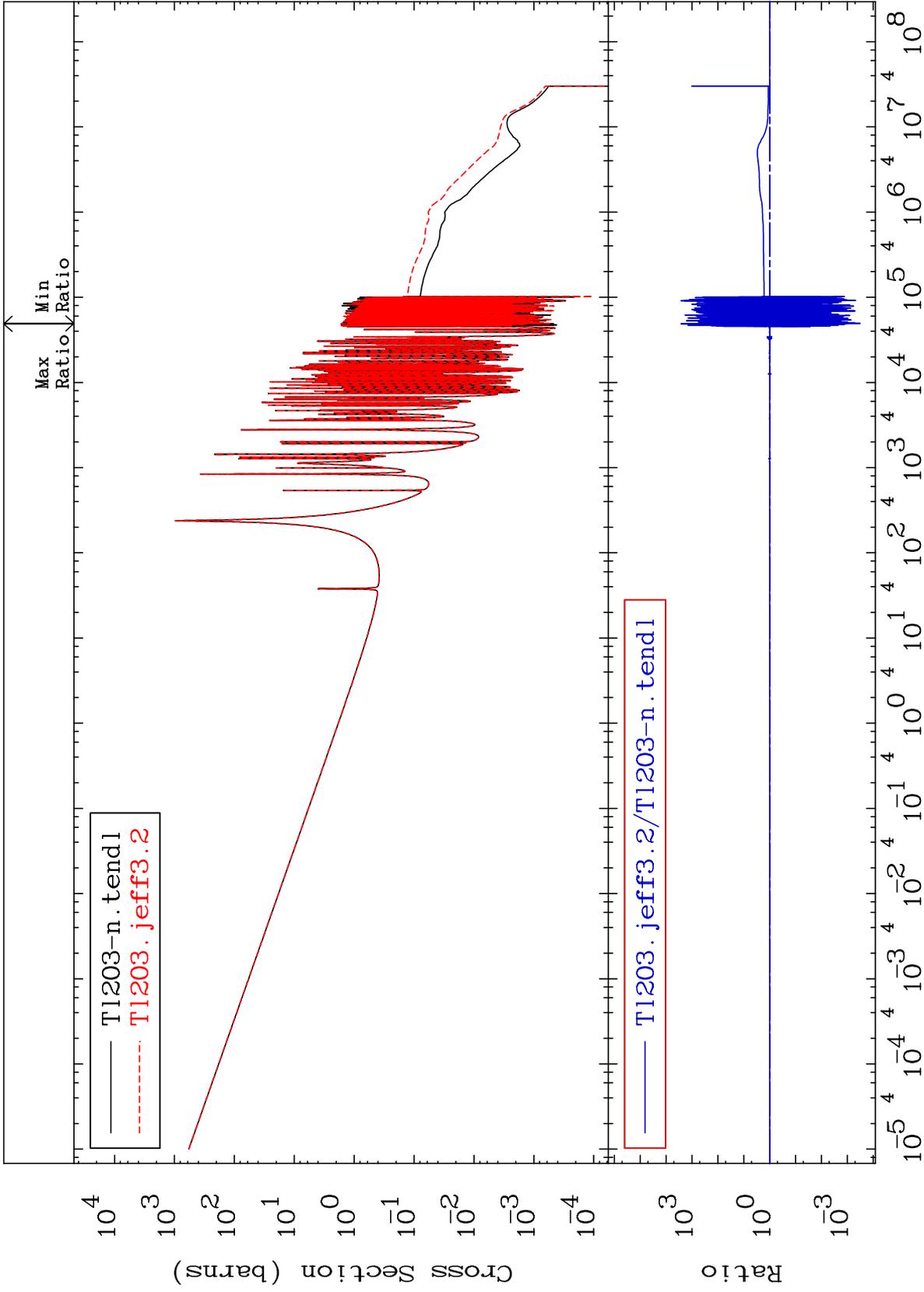
MAT 8125

1.684 MeV (n,n') Level
Cross Section

81-Tl-203
-78.90 To 0.000 %







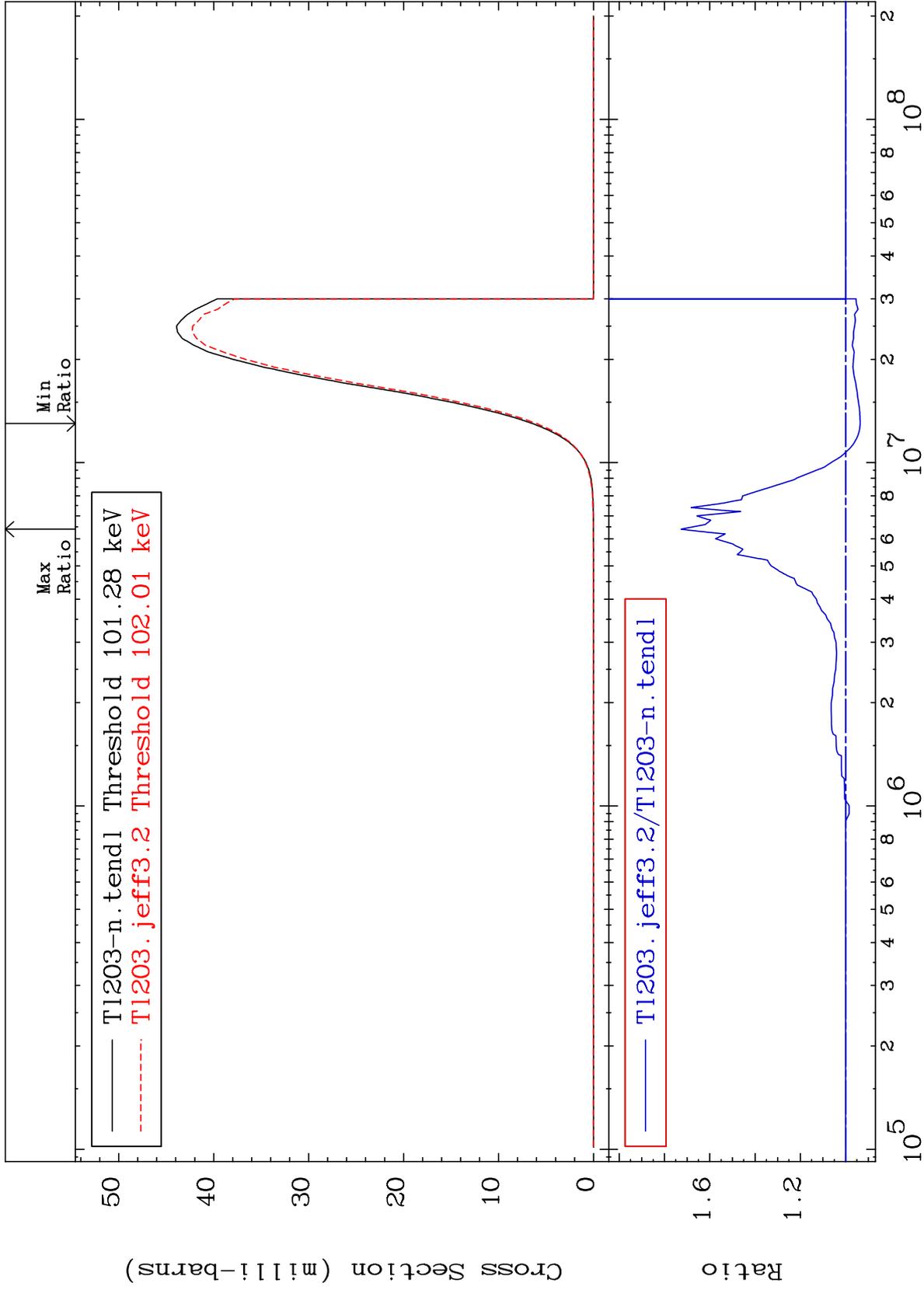
MAT 8125

(n, p)

81-Tl-203

Cross Section

-6.435 To 72.61 %



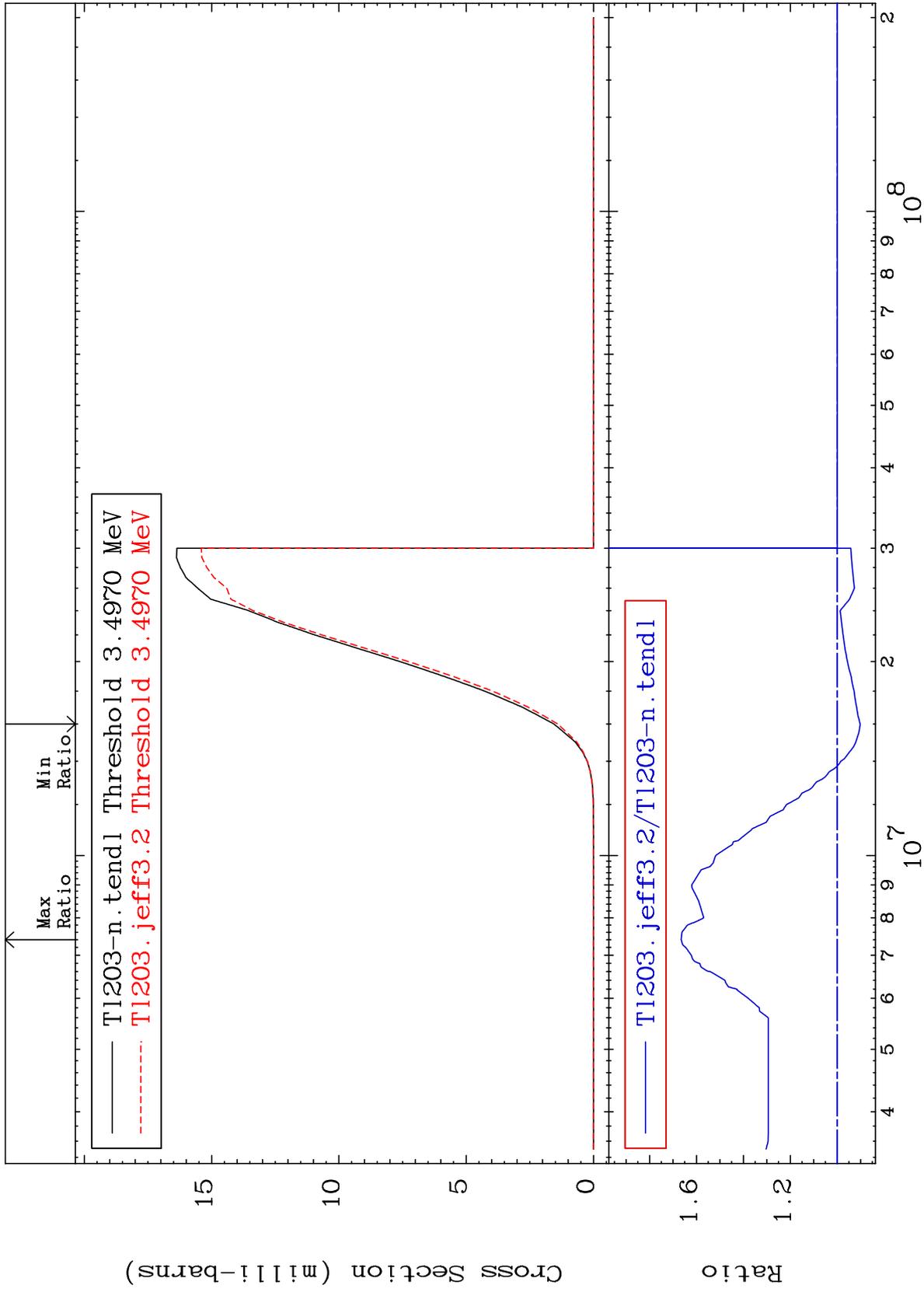
52

Incident Energy (eV)

81-Tl-203

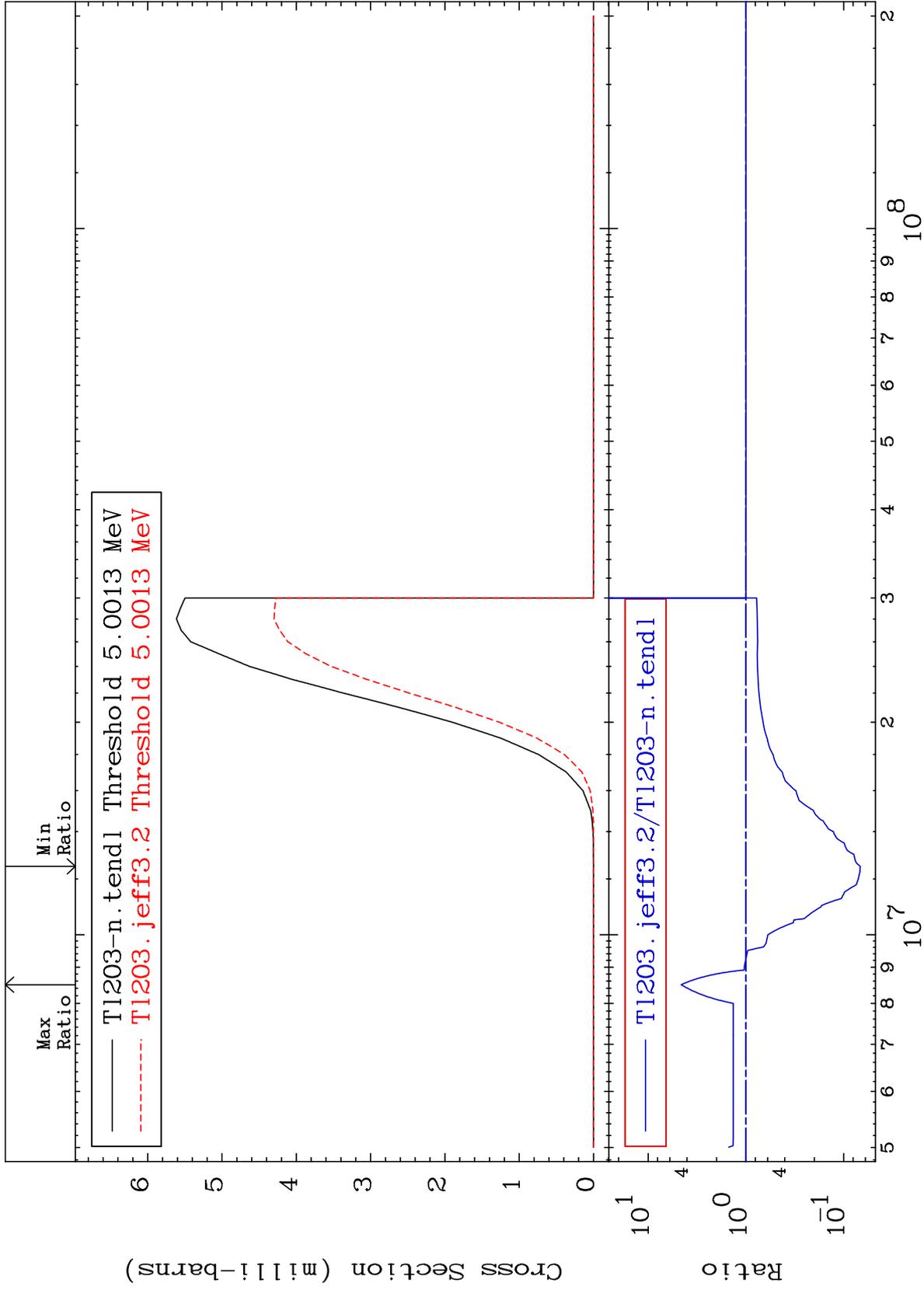
Cross Section

-9.805 To 66.53 %



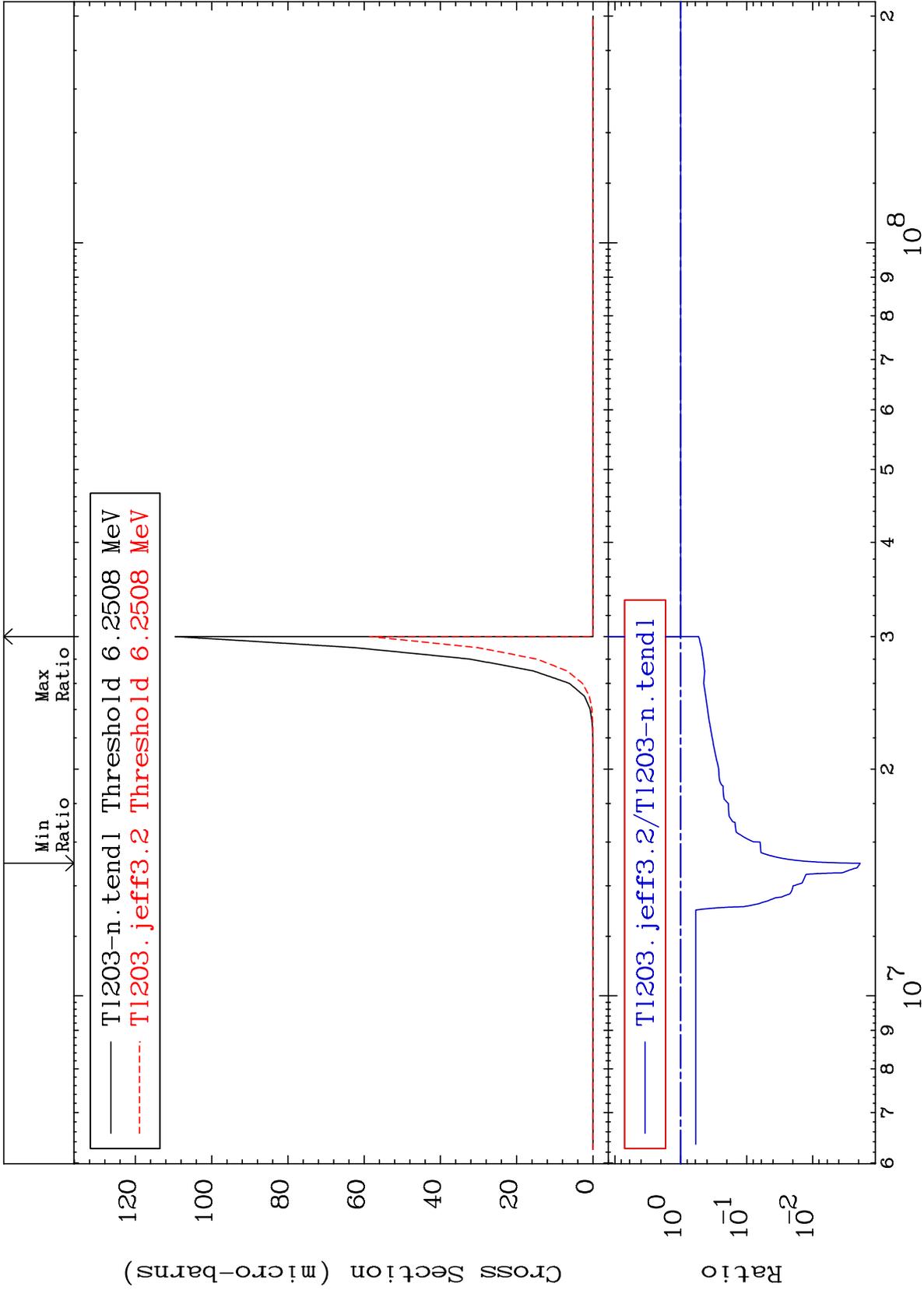
Cross Section

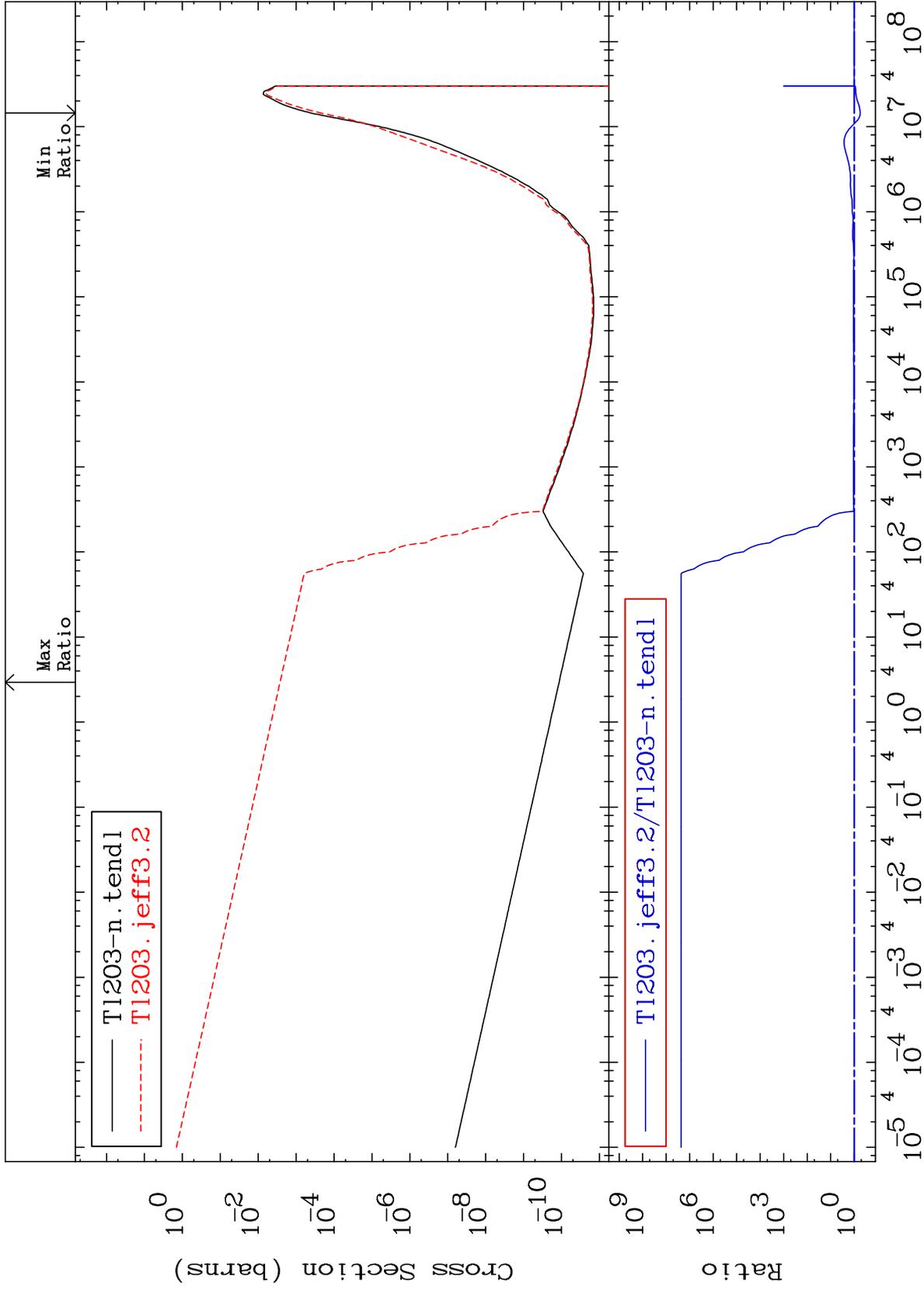
-93.22 To 359.2 %



Cross Section

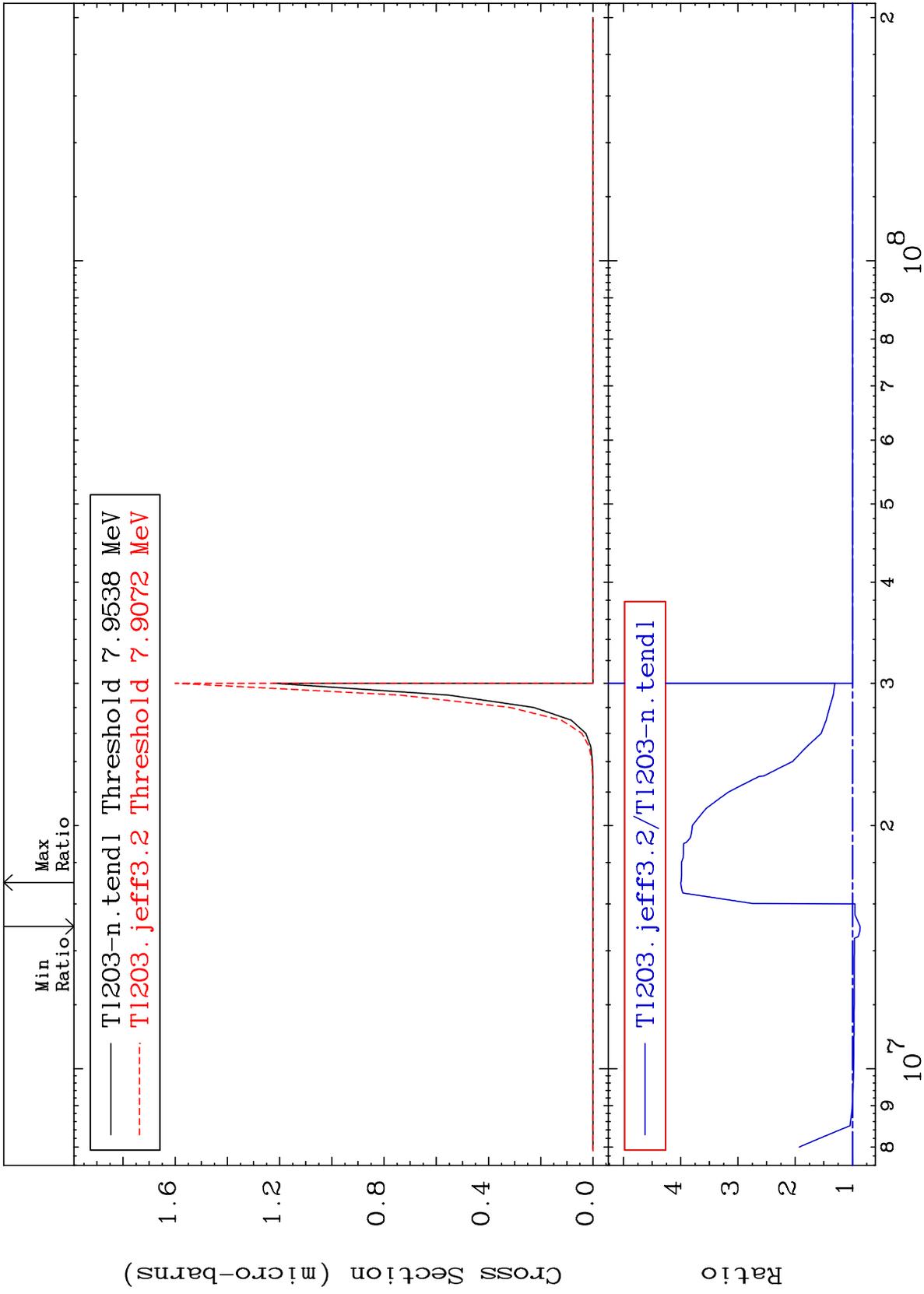
-99.81 To 0.000 %





Cross Section

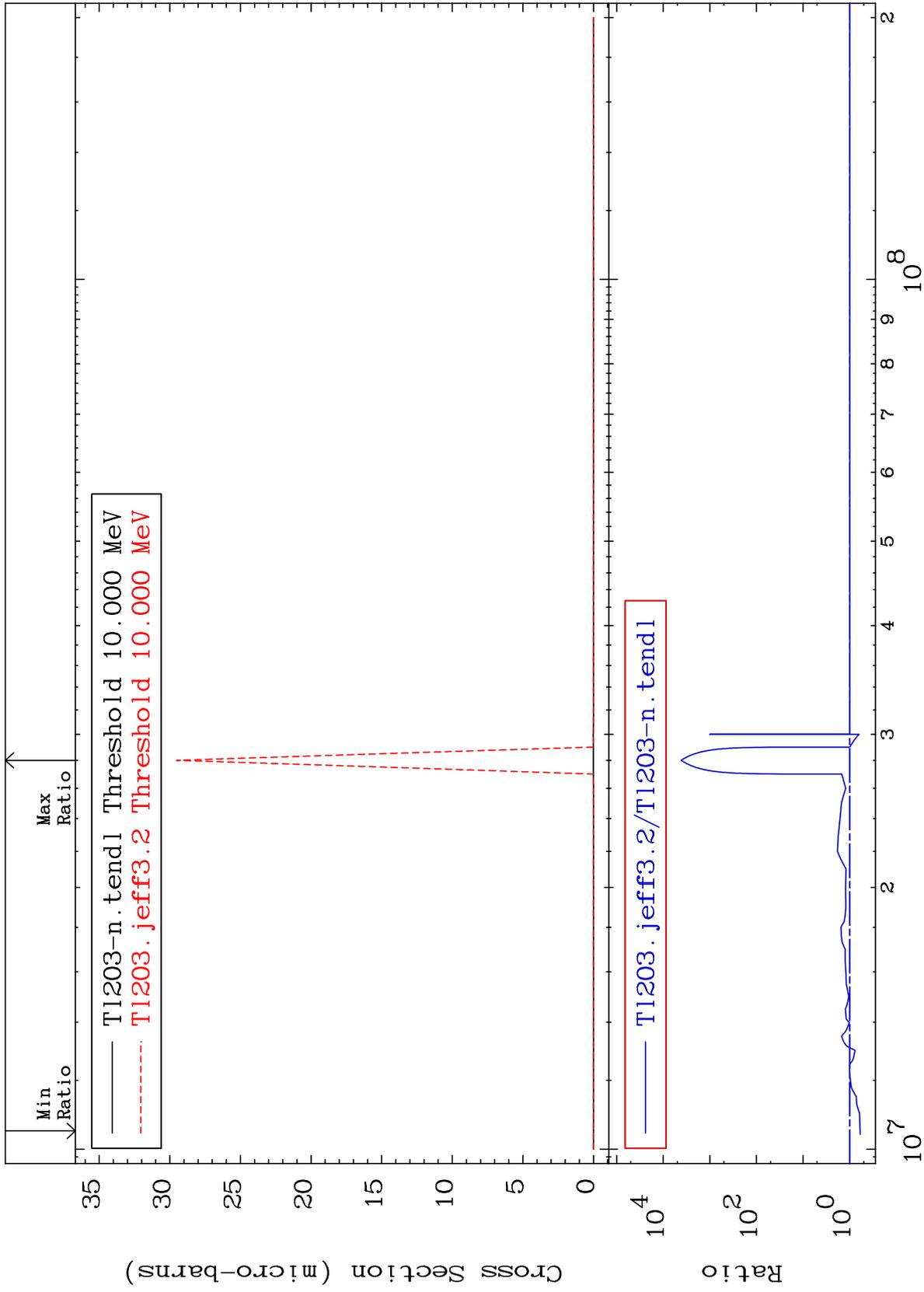
-13.32 To 300.0 %



MAT 8125

(n,p) α
Cross Section

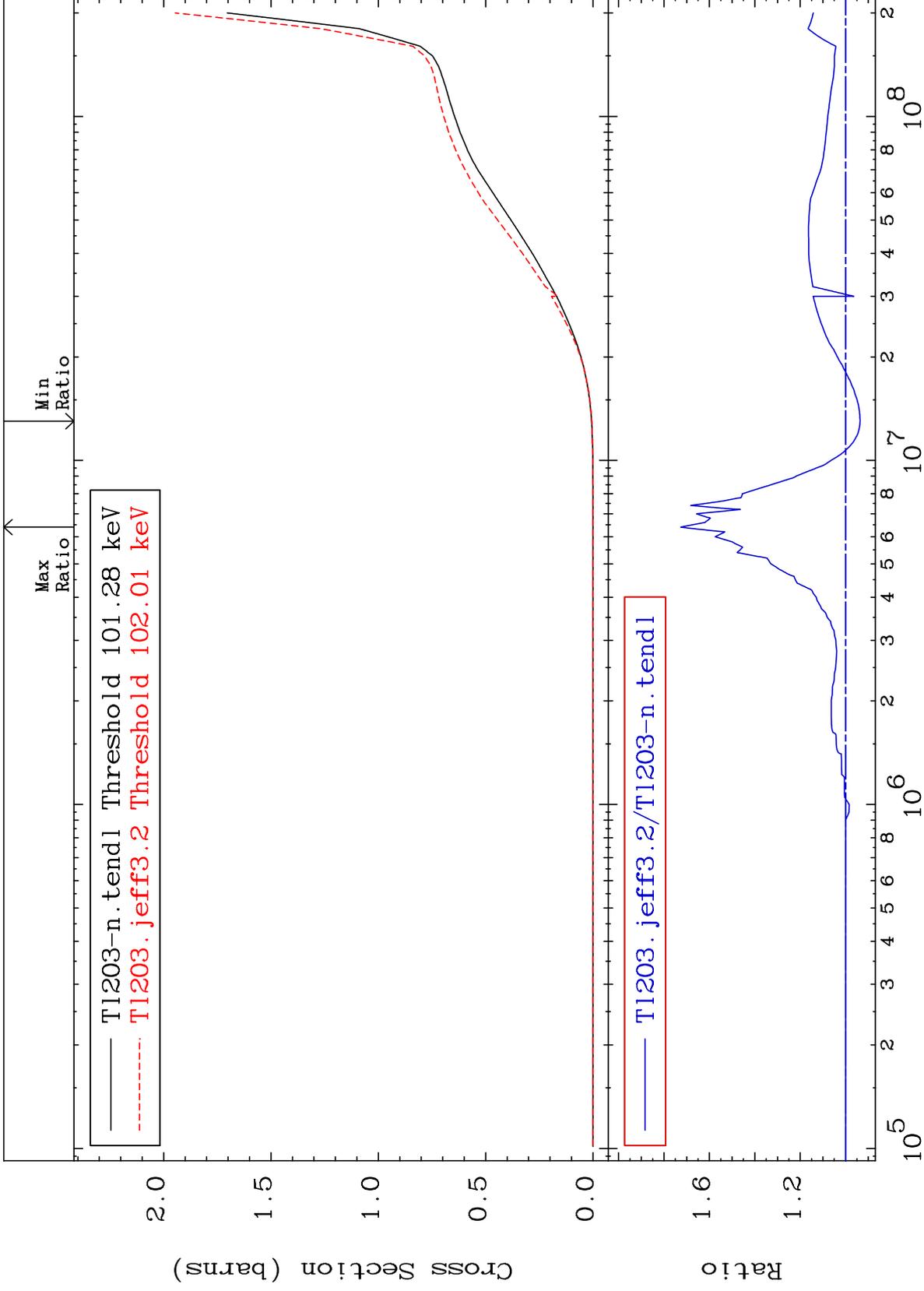
81-Tl-203
-40.50 To 9999. %



58

Incident Energy (eV)

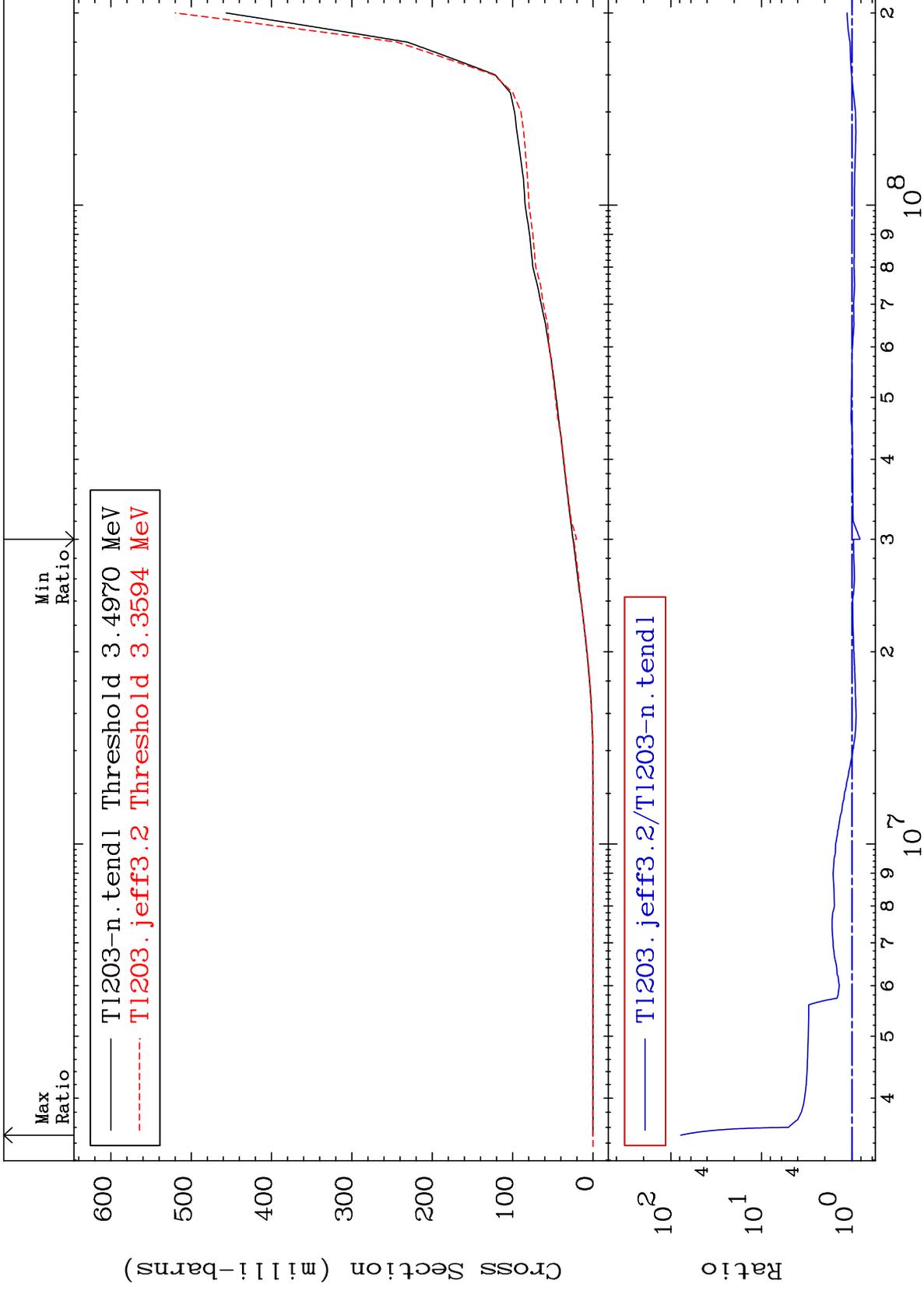
81-Tl-203



MAT 8125

Deuterium Production
Cross Section

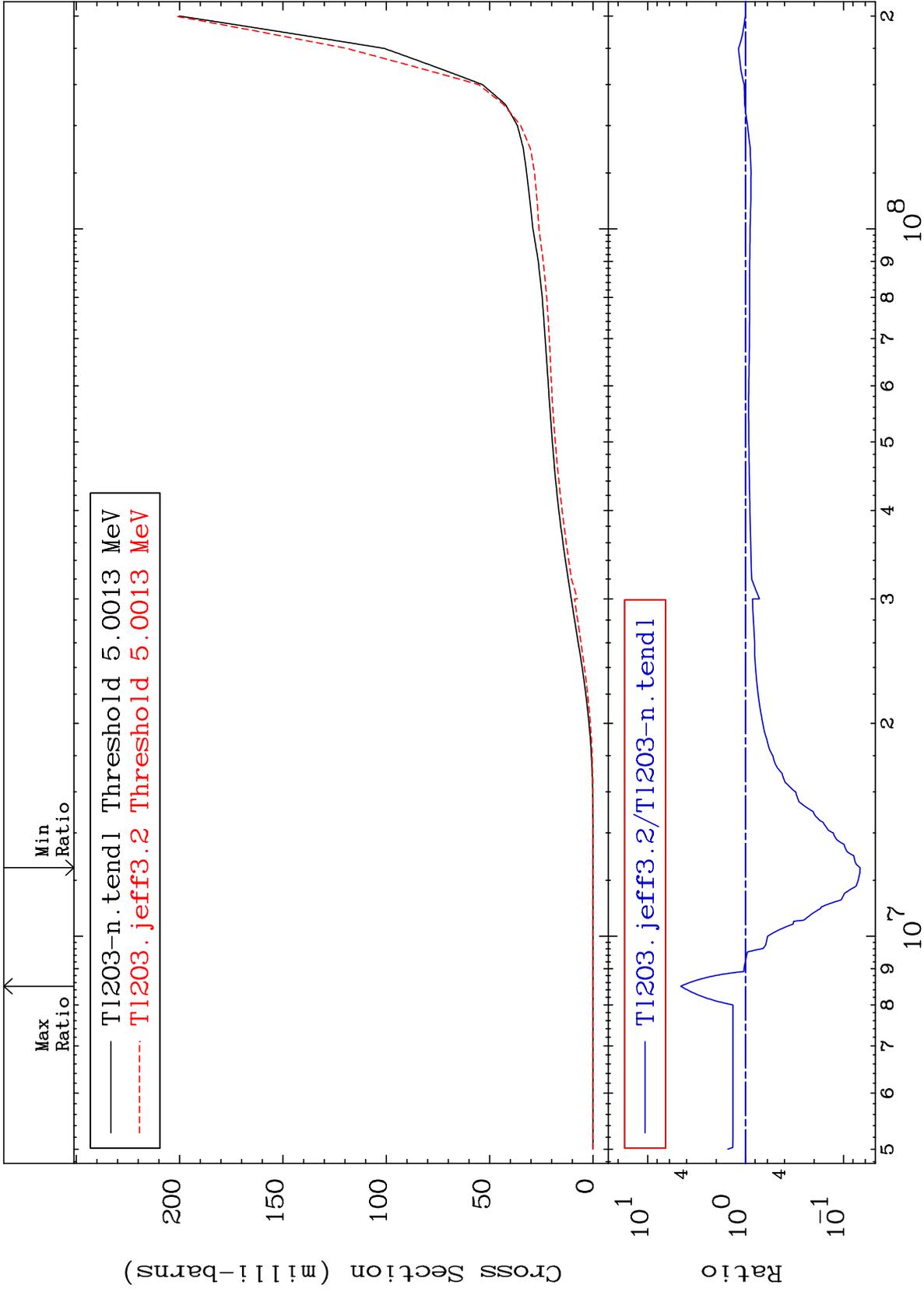
81-T1-203
-18.25 To 7687. %



60

Incident Energy (eV)

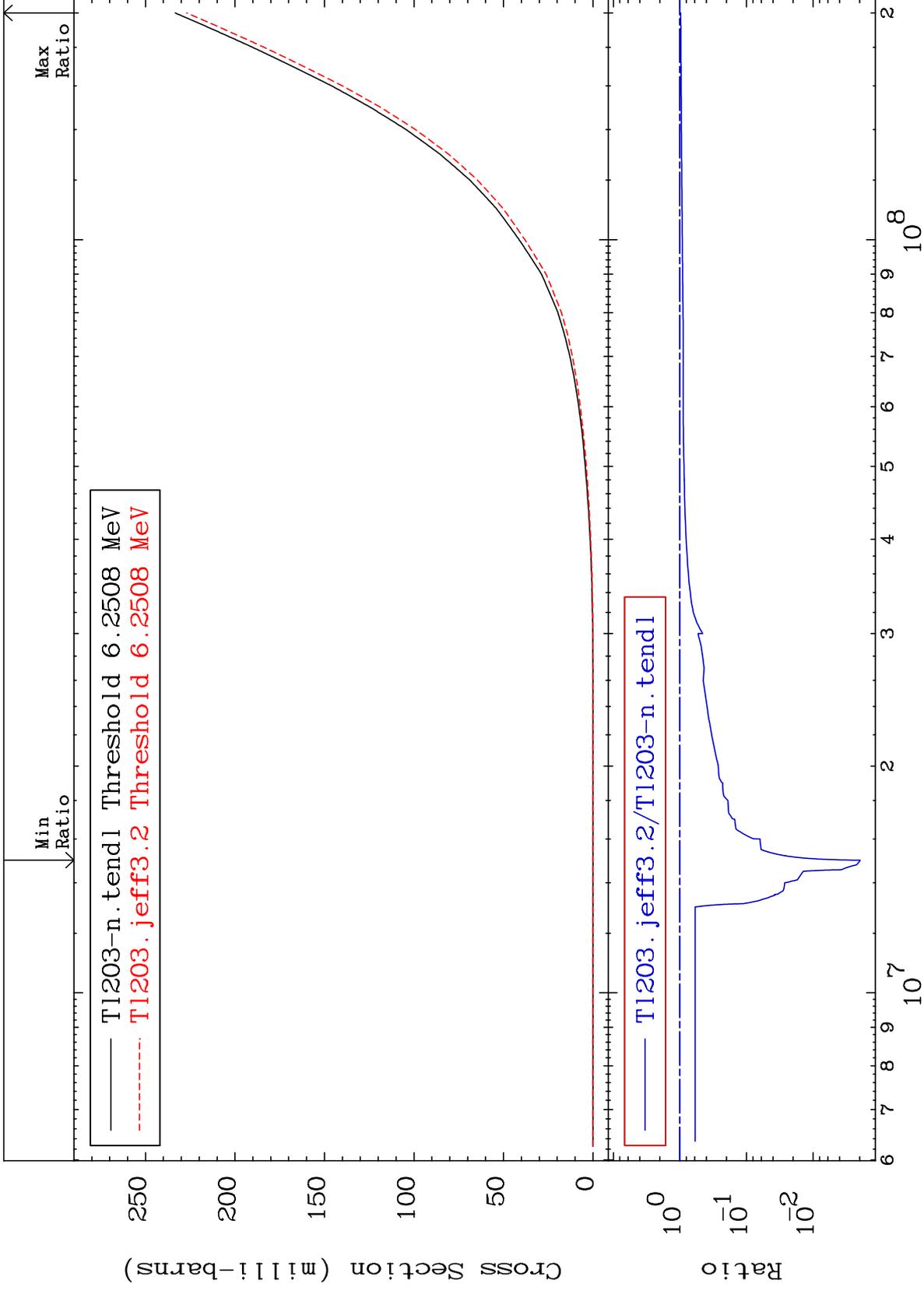
81-T1-203



MAT 8125

He-3 Production
Cross Section

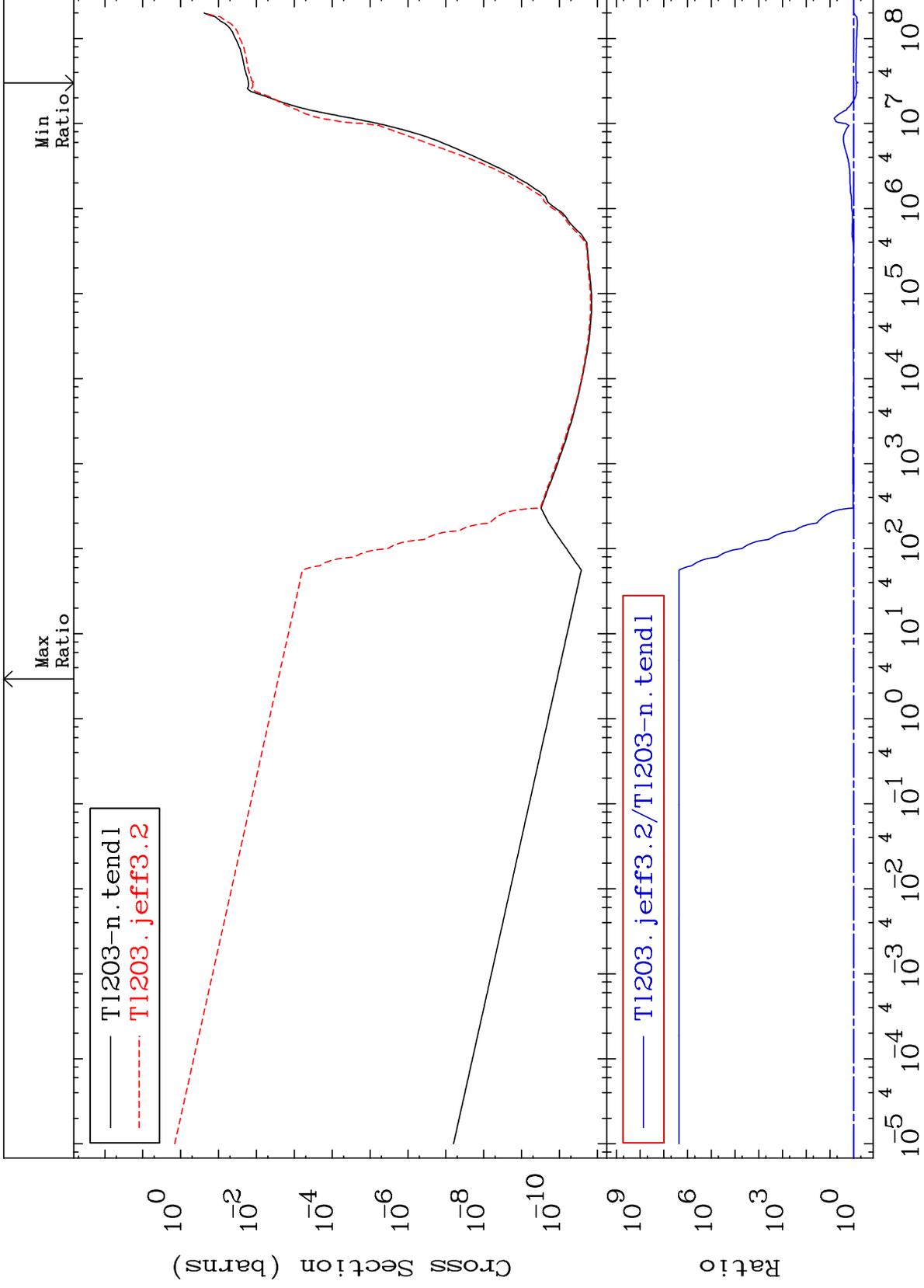
81-T1-203
-99.80 To -2.751%

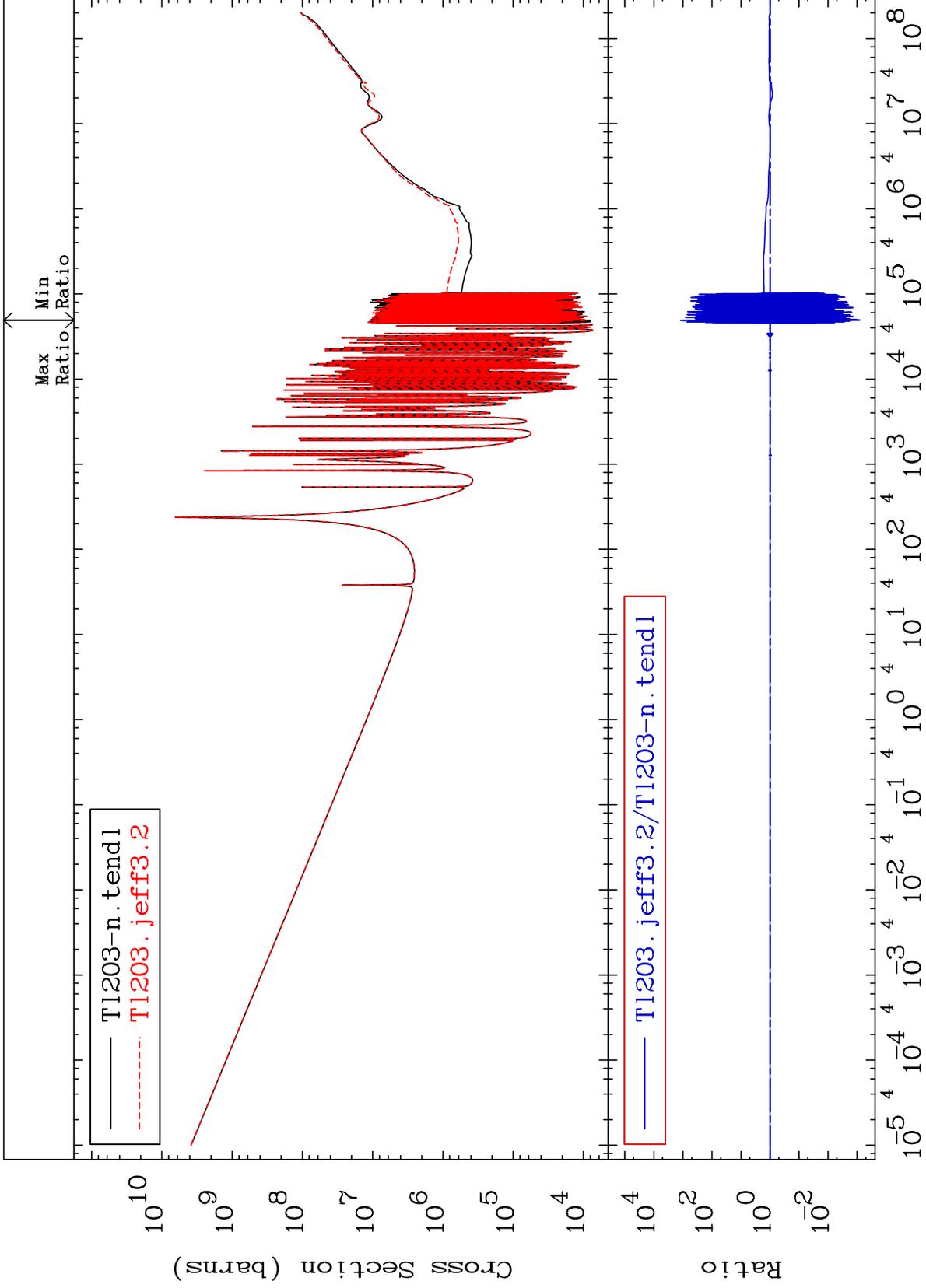


62

Incident Energy (eV)

81-T1-203

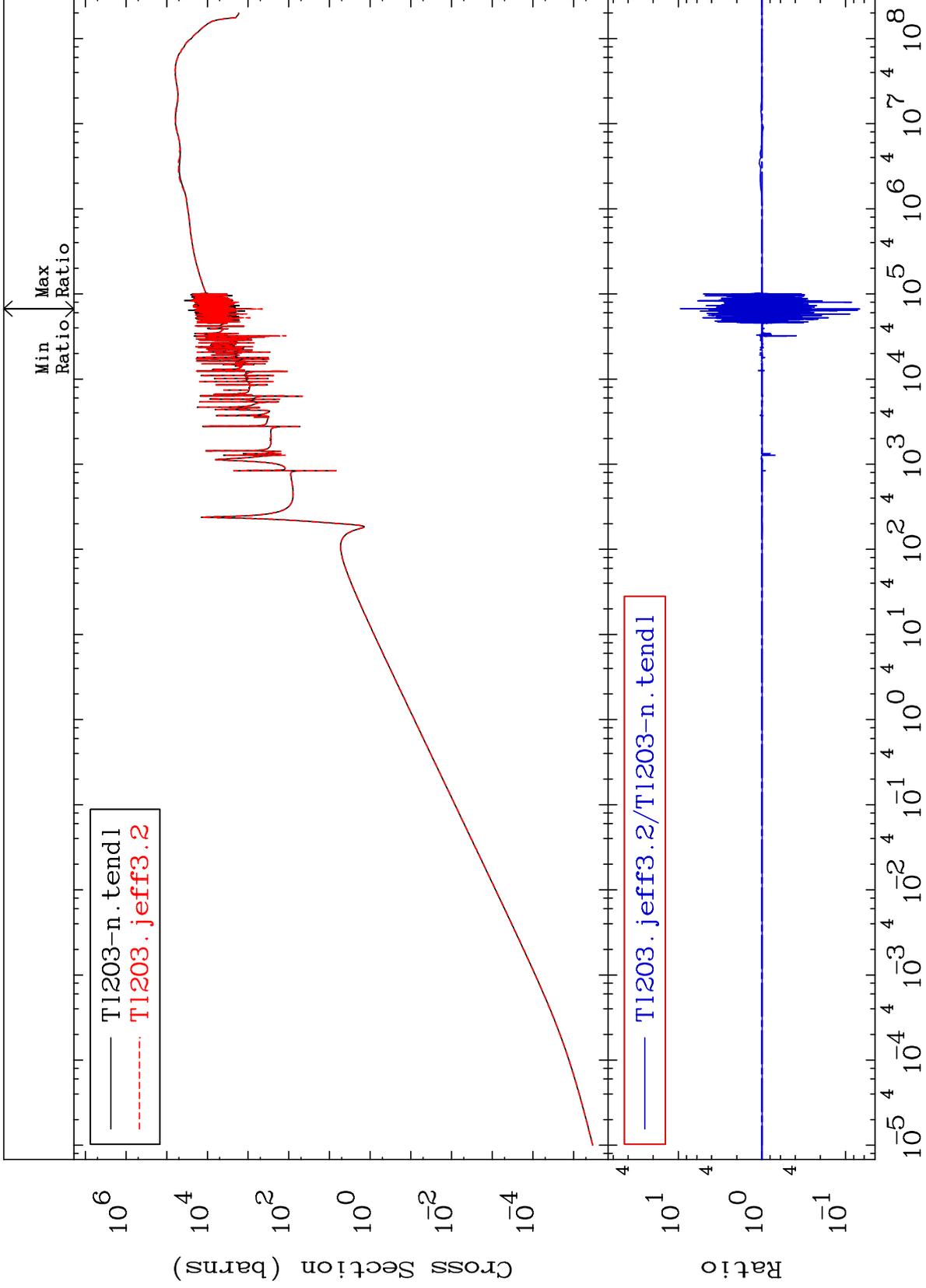




MAT 8125

Kerma elastic
Cross Section

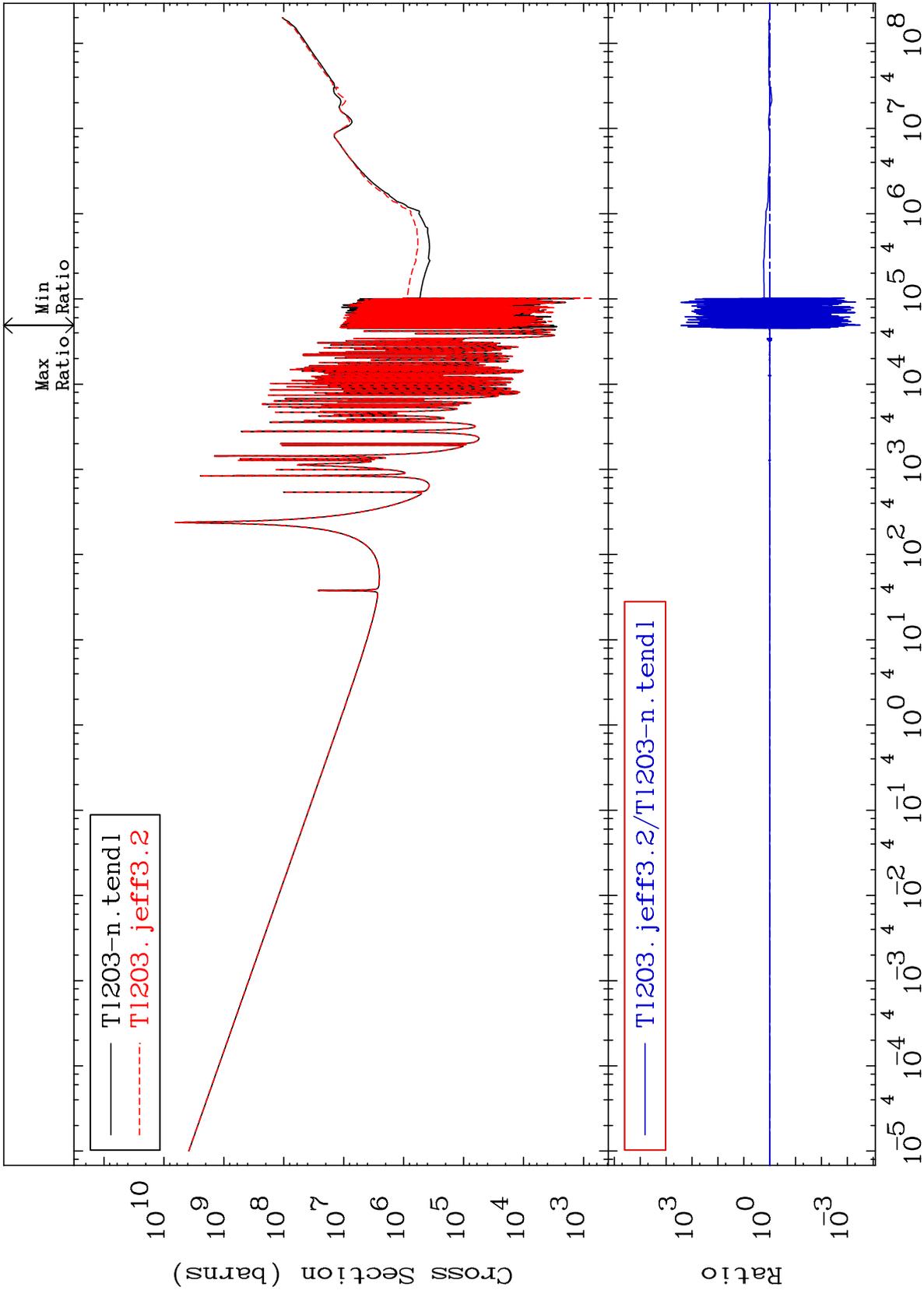
81-T1-203
-93.23 To 842.5 %



65

Incident Energy (eV)

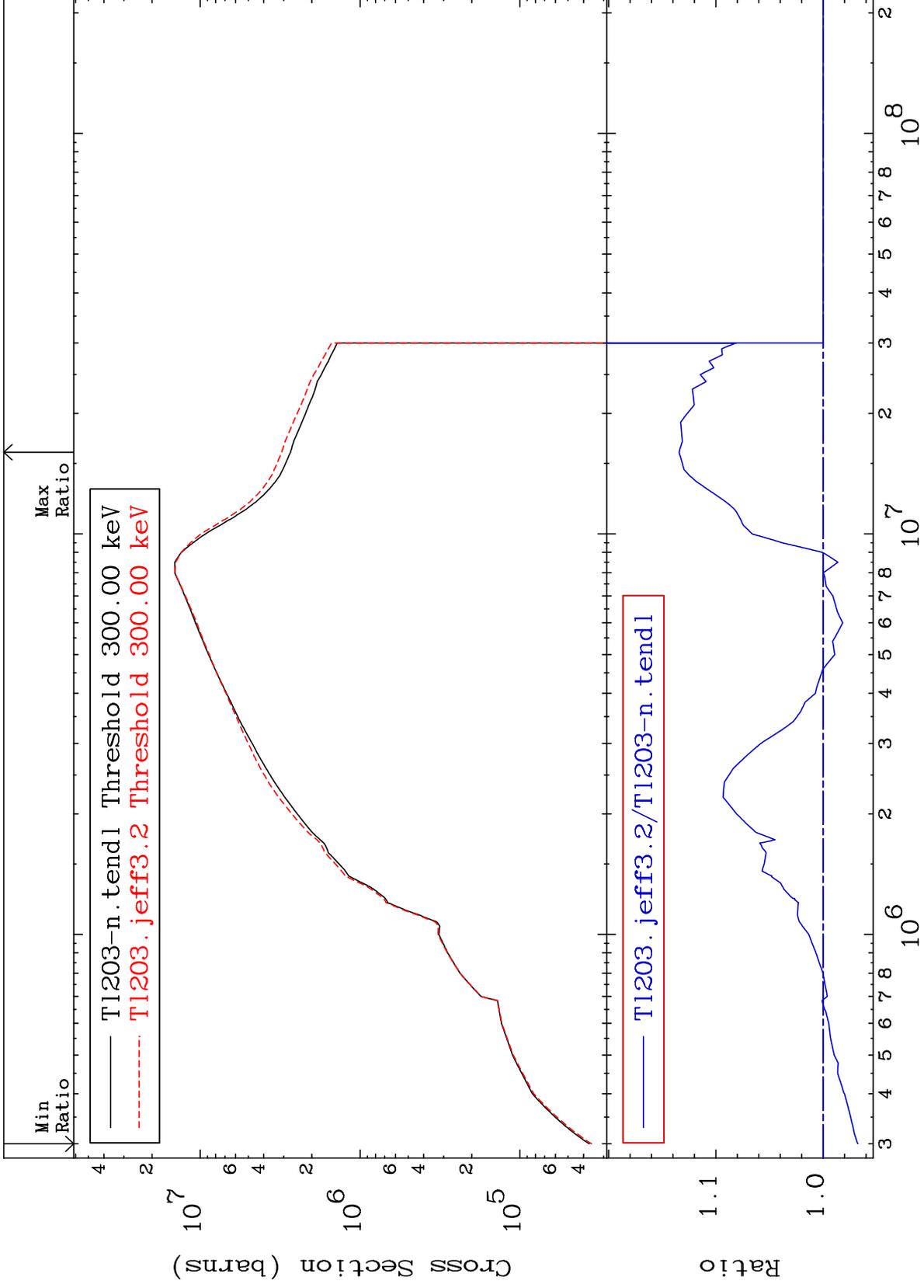
81-T1-203



MAT 8125

Kerma inelastic (mt51-91)
Cross Section

81-Tl-203
-3.244 To 13.43 %



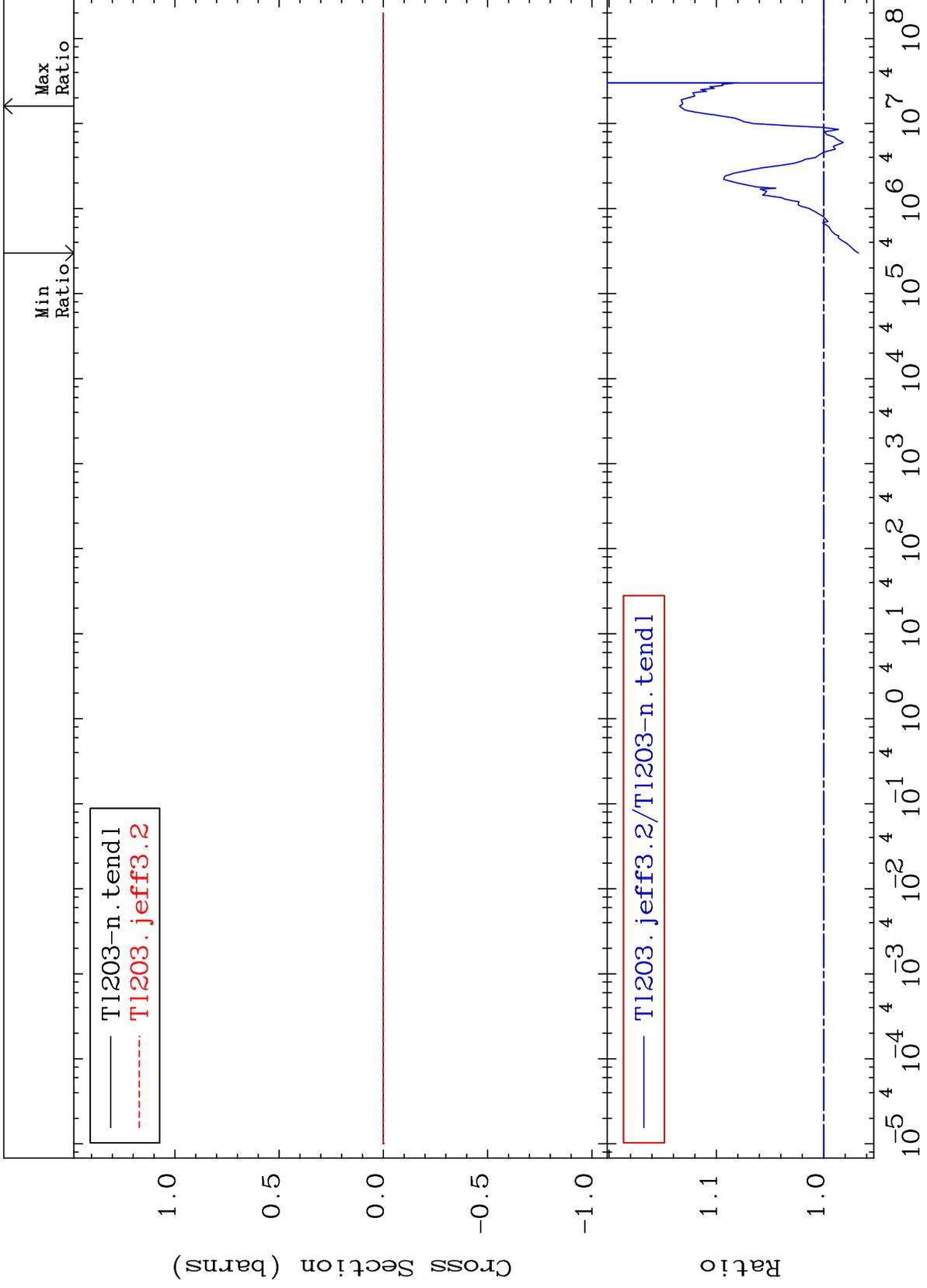
67

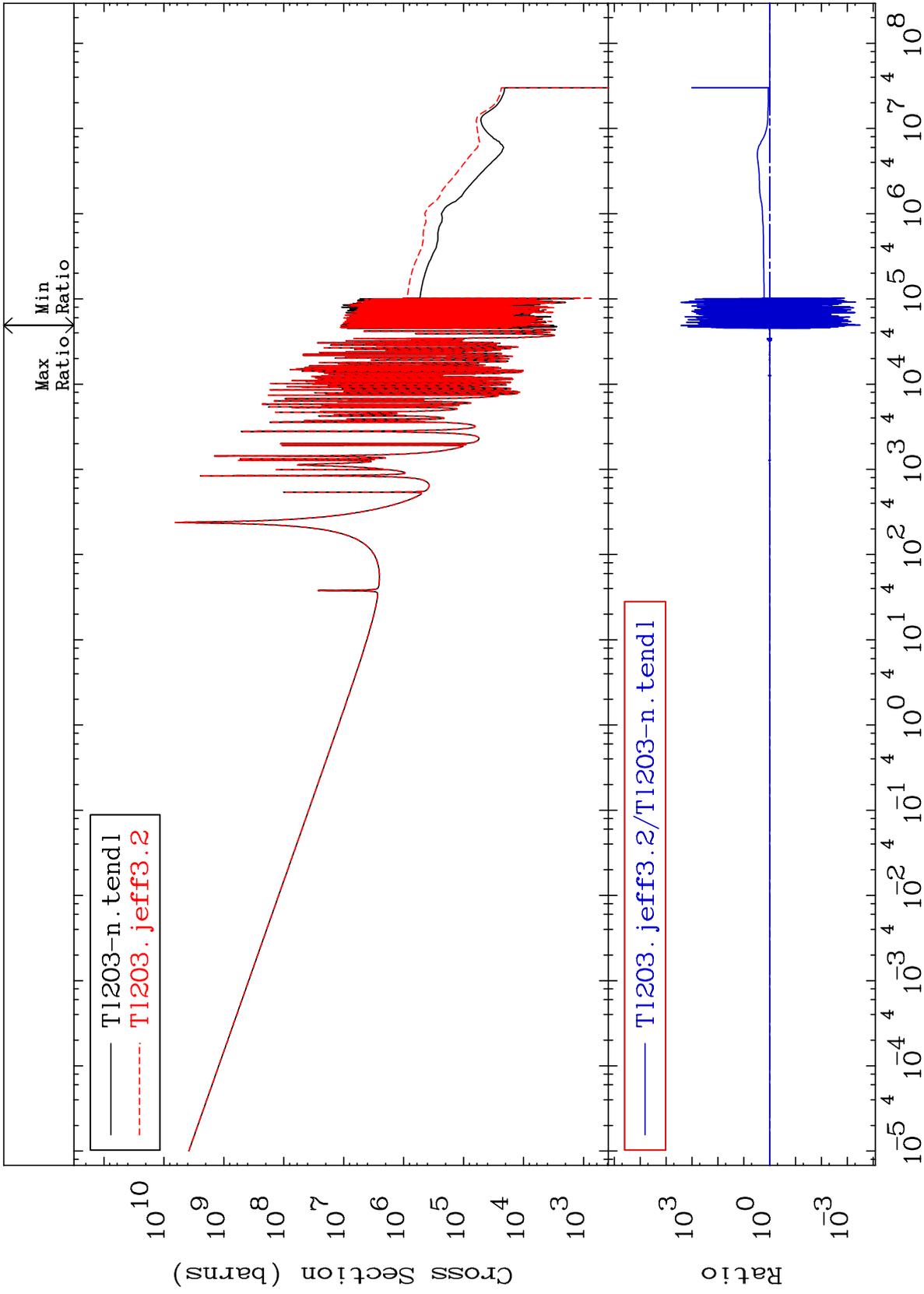
81-Tl-203

MAT 8125

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

81-T1-203
-3.244 To 13.43 %

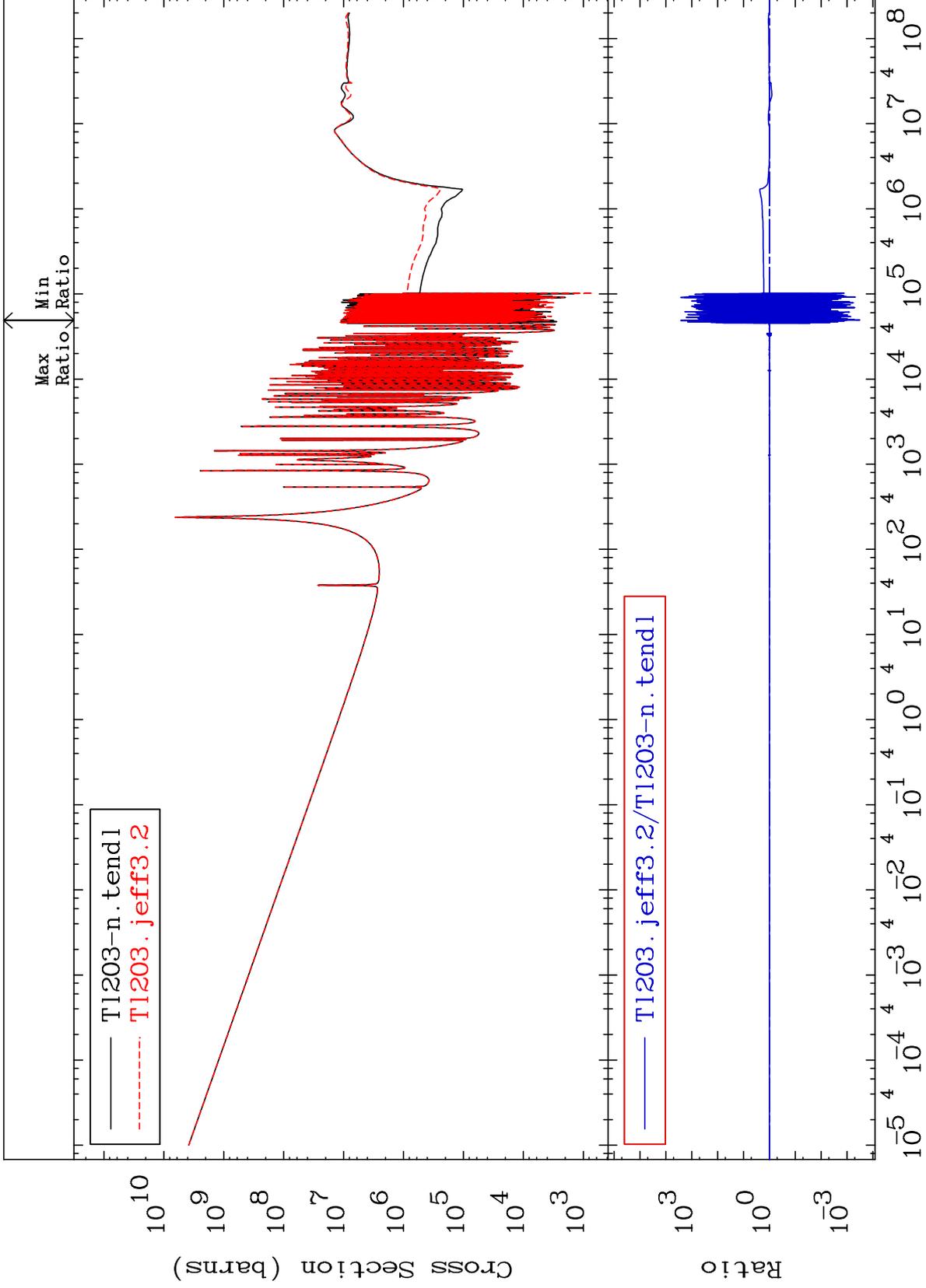




MAT 8125

Total photon (eV-barns)
Cross Section

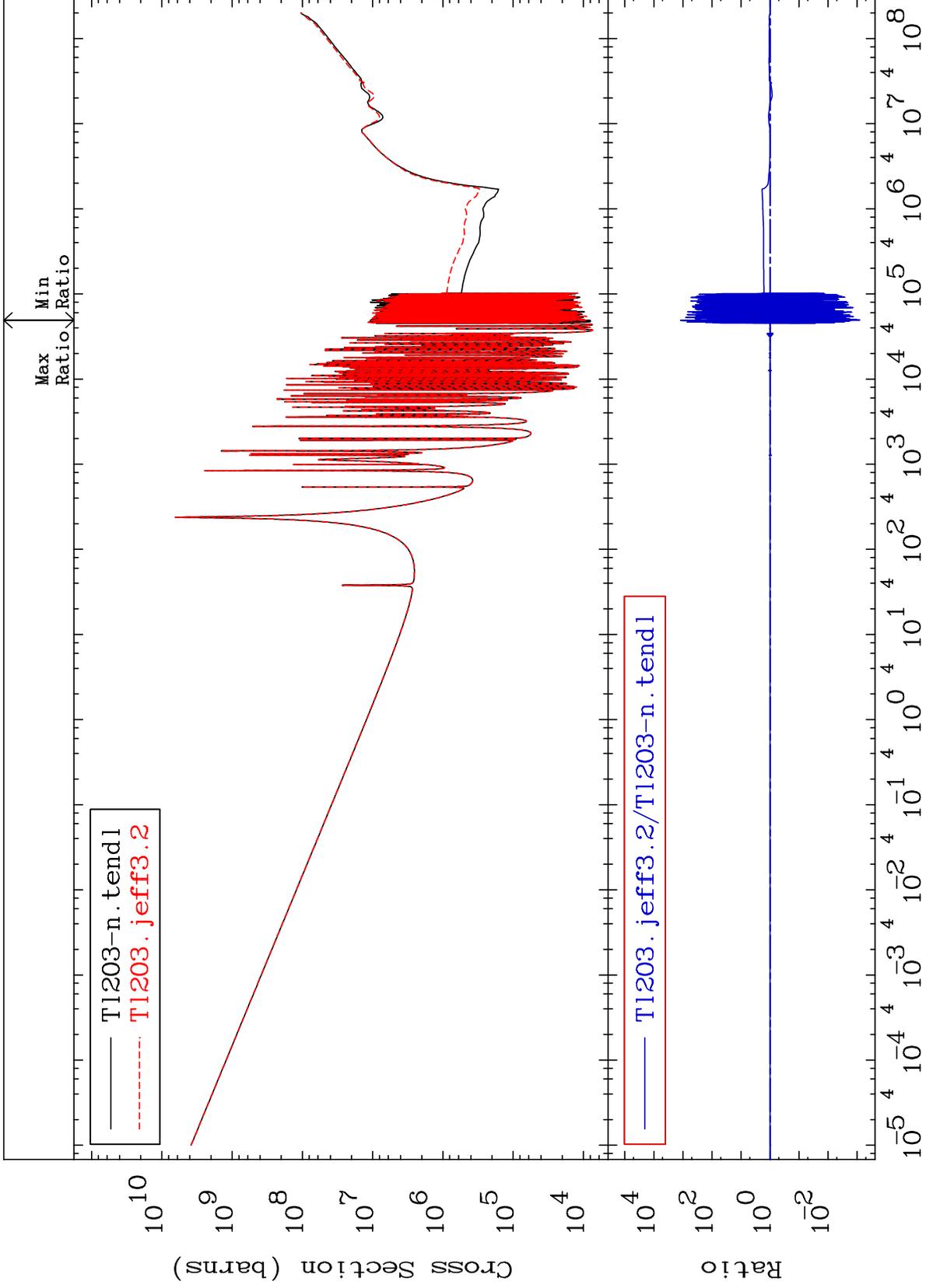
81-Tl-203
-99.97 To 9999. %



70

Incident Energy (eV)

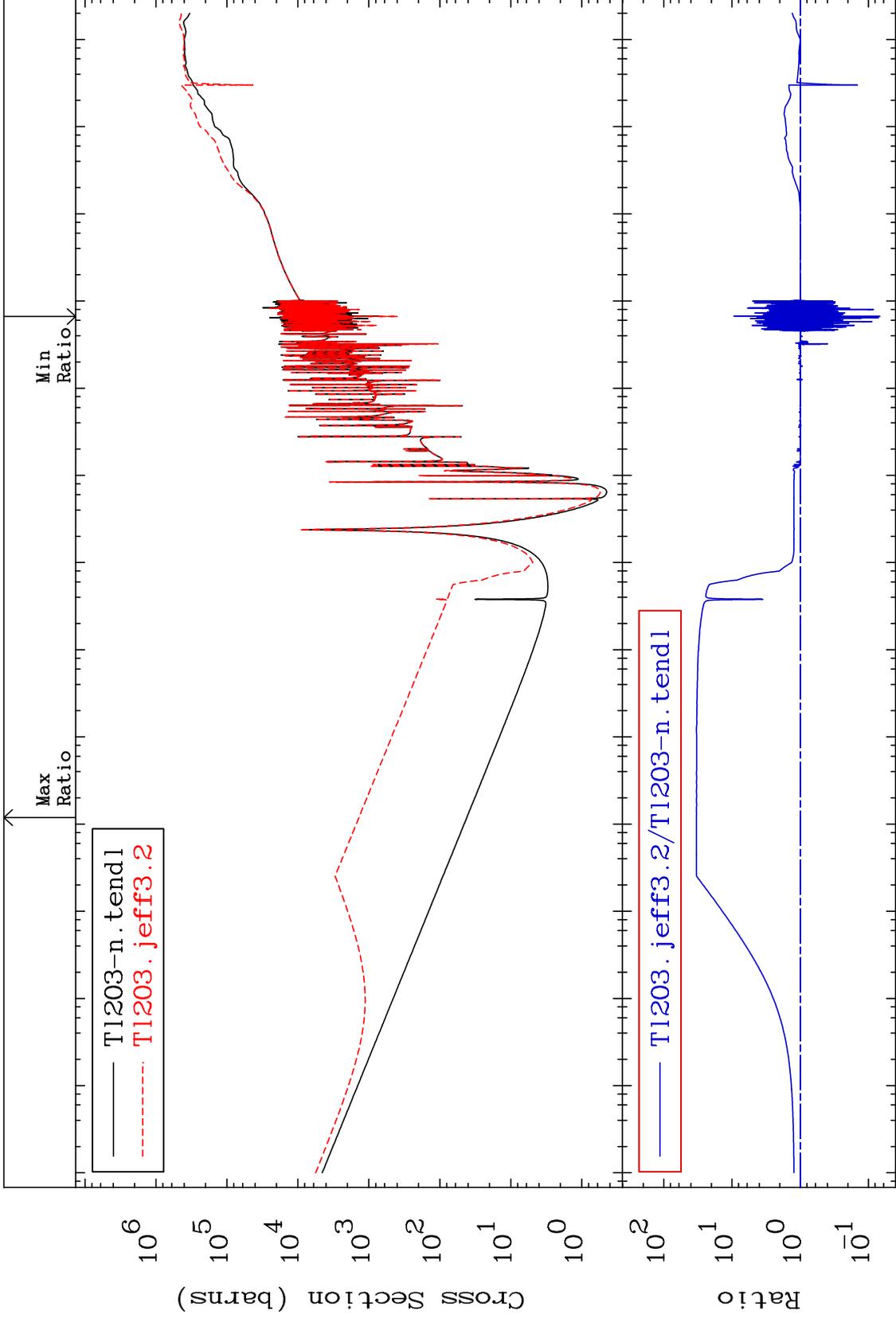
81-Tl-203



MAT 8125

Dpa total (eV-barns)
Cross Section

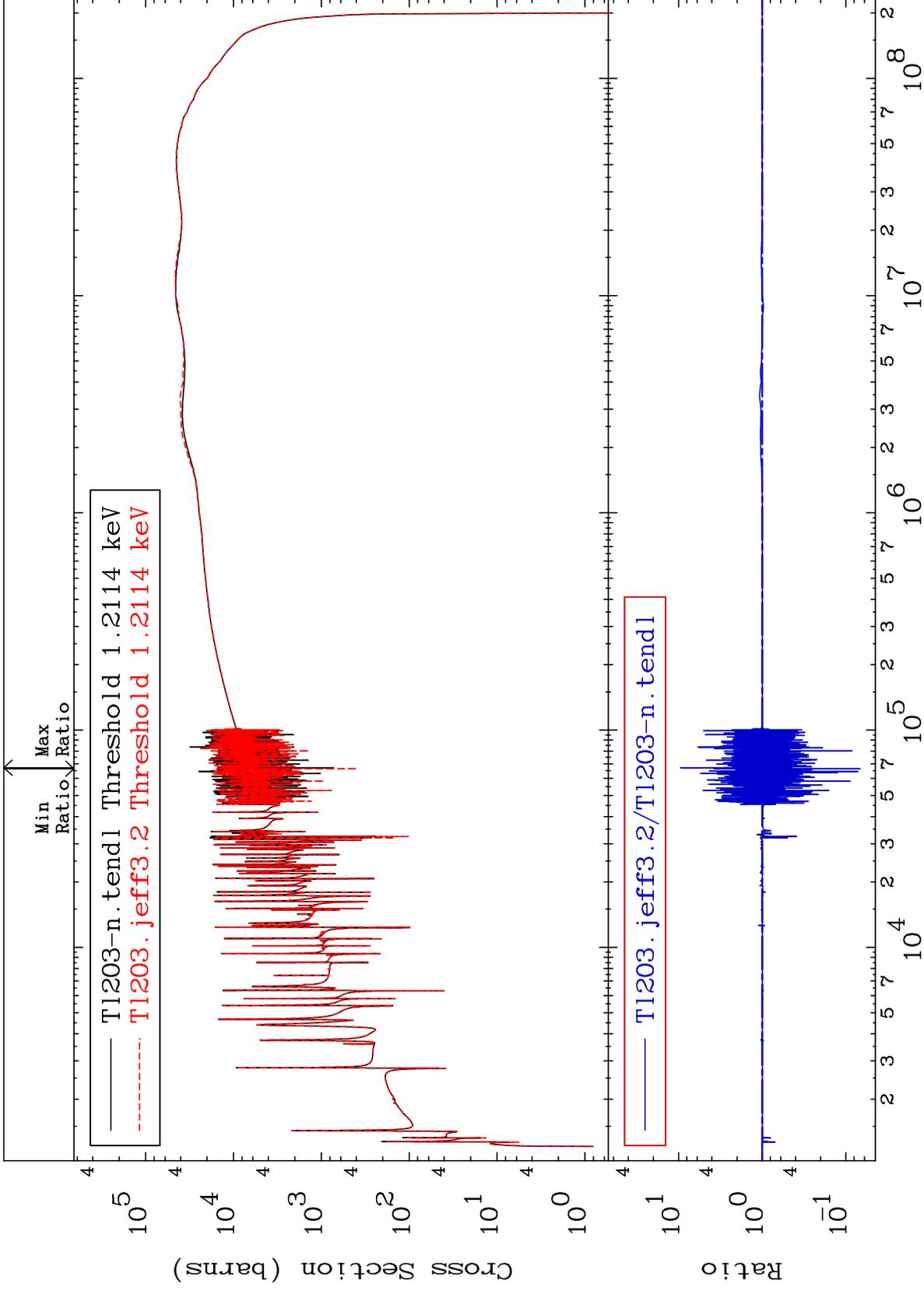
81-T1-203
-93.22 To 3217. %

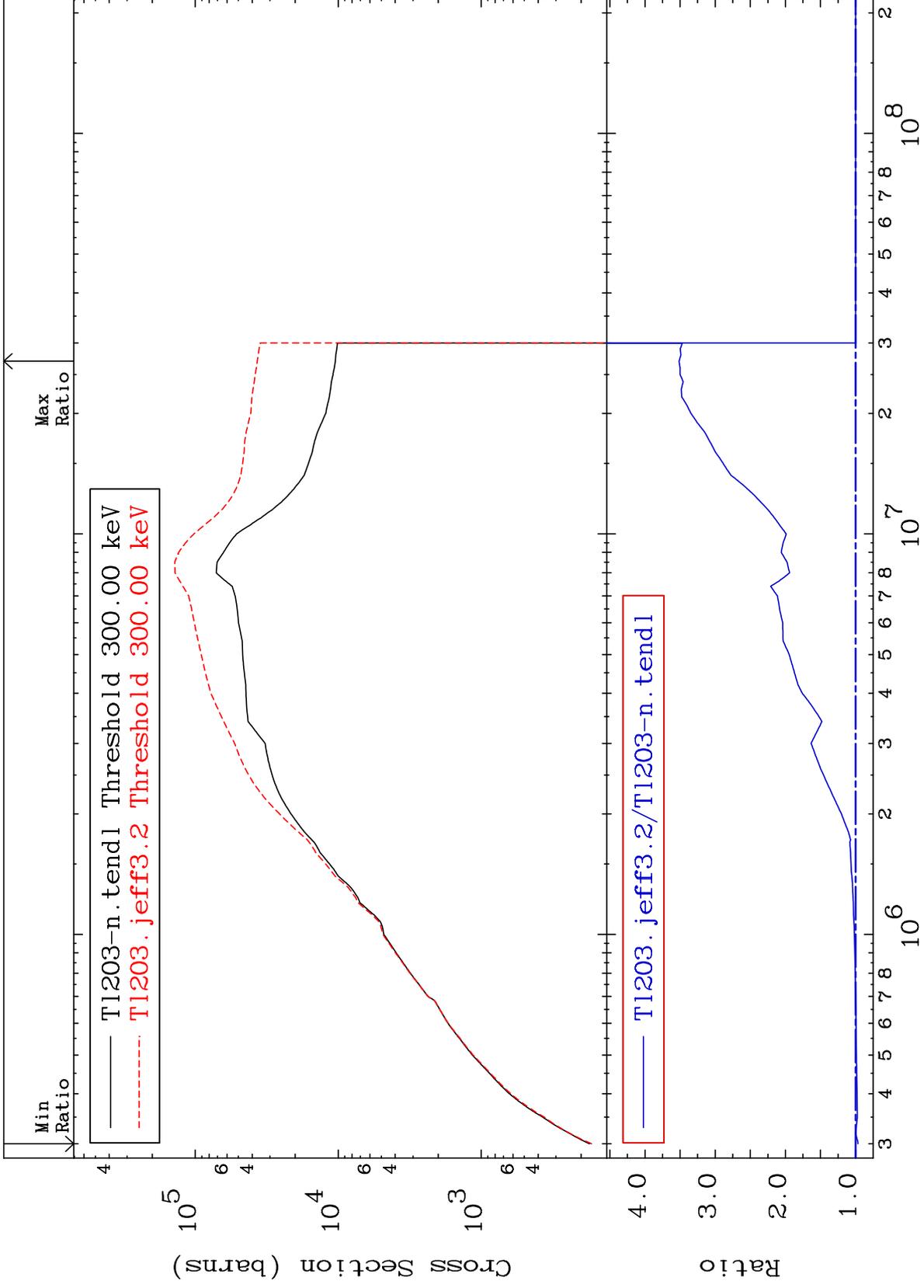


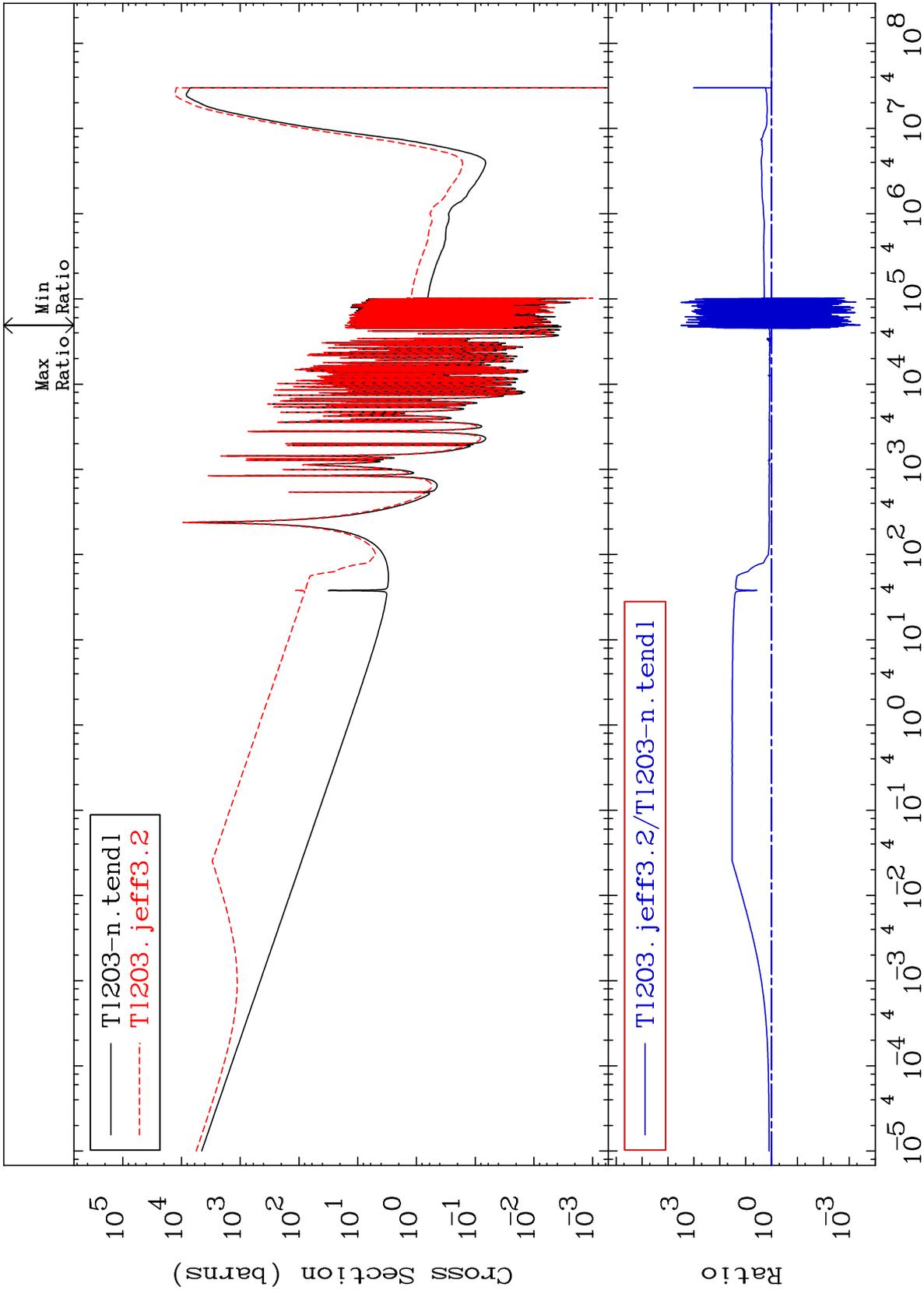
Incident Energy (eV)

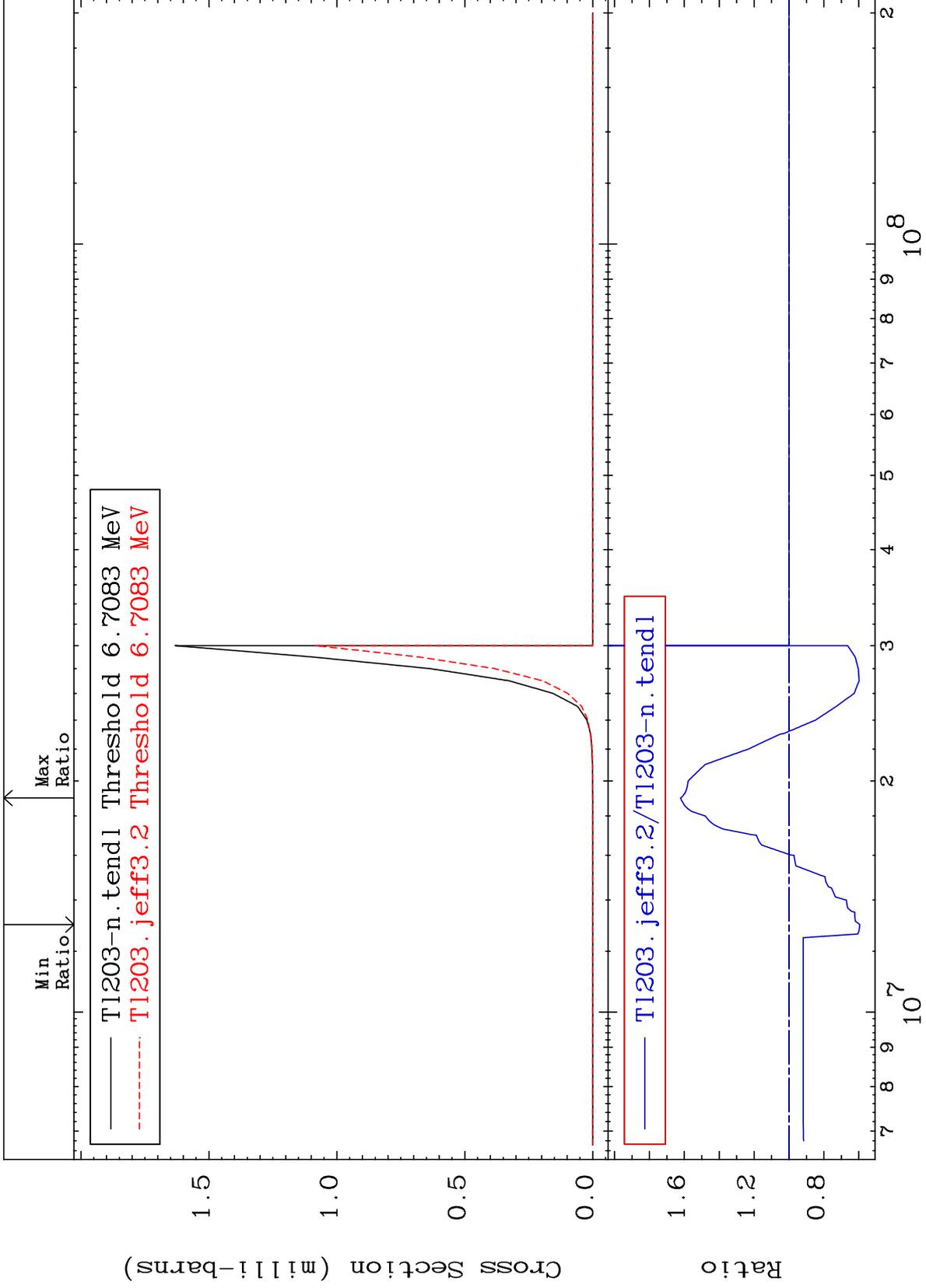
72

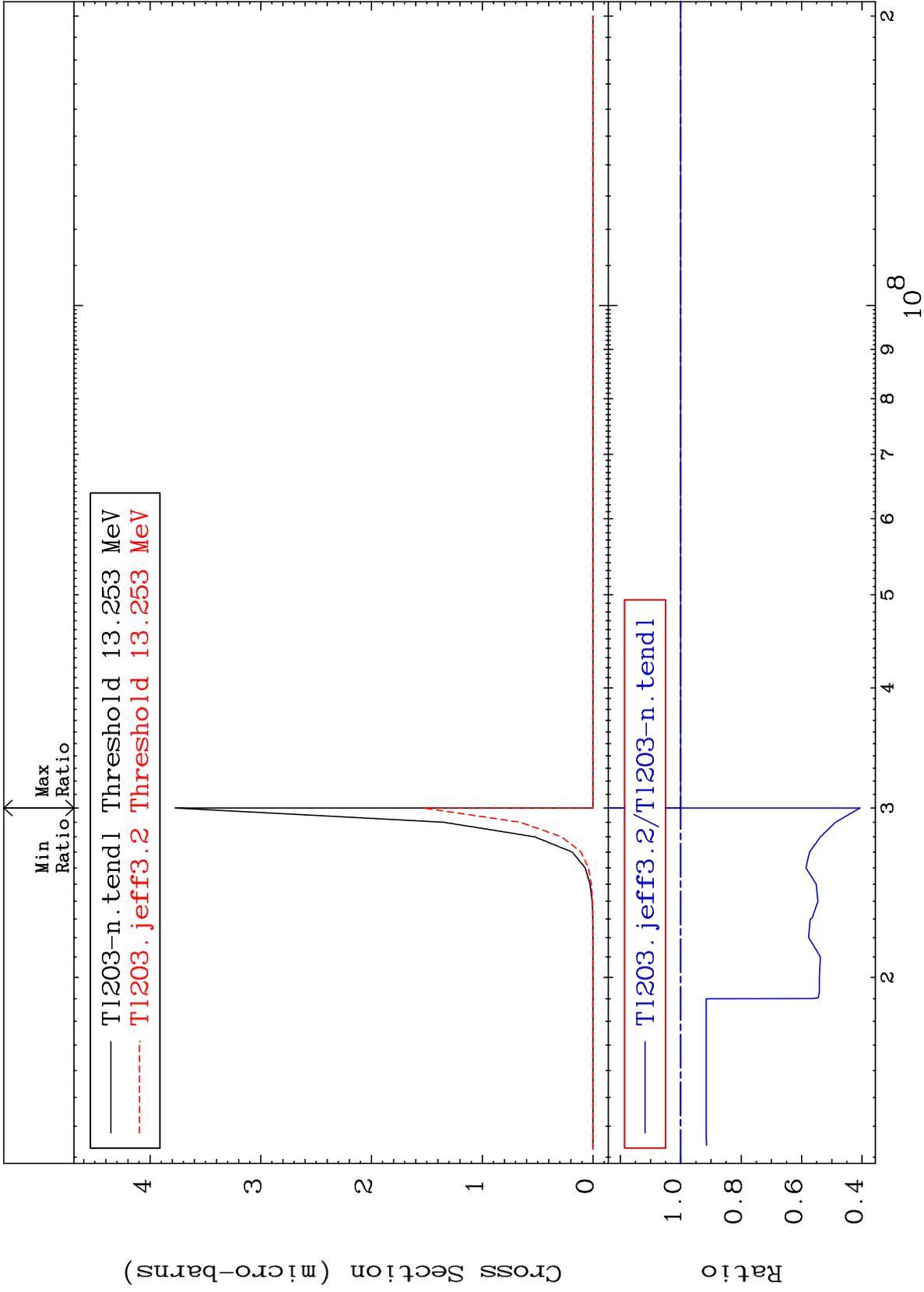
81-T1-203



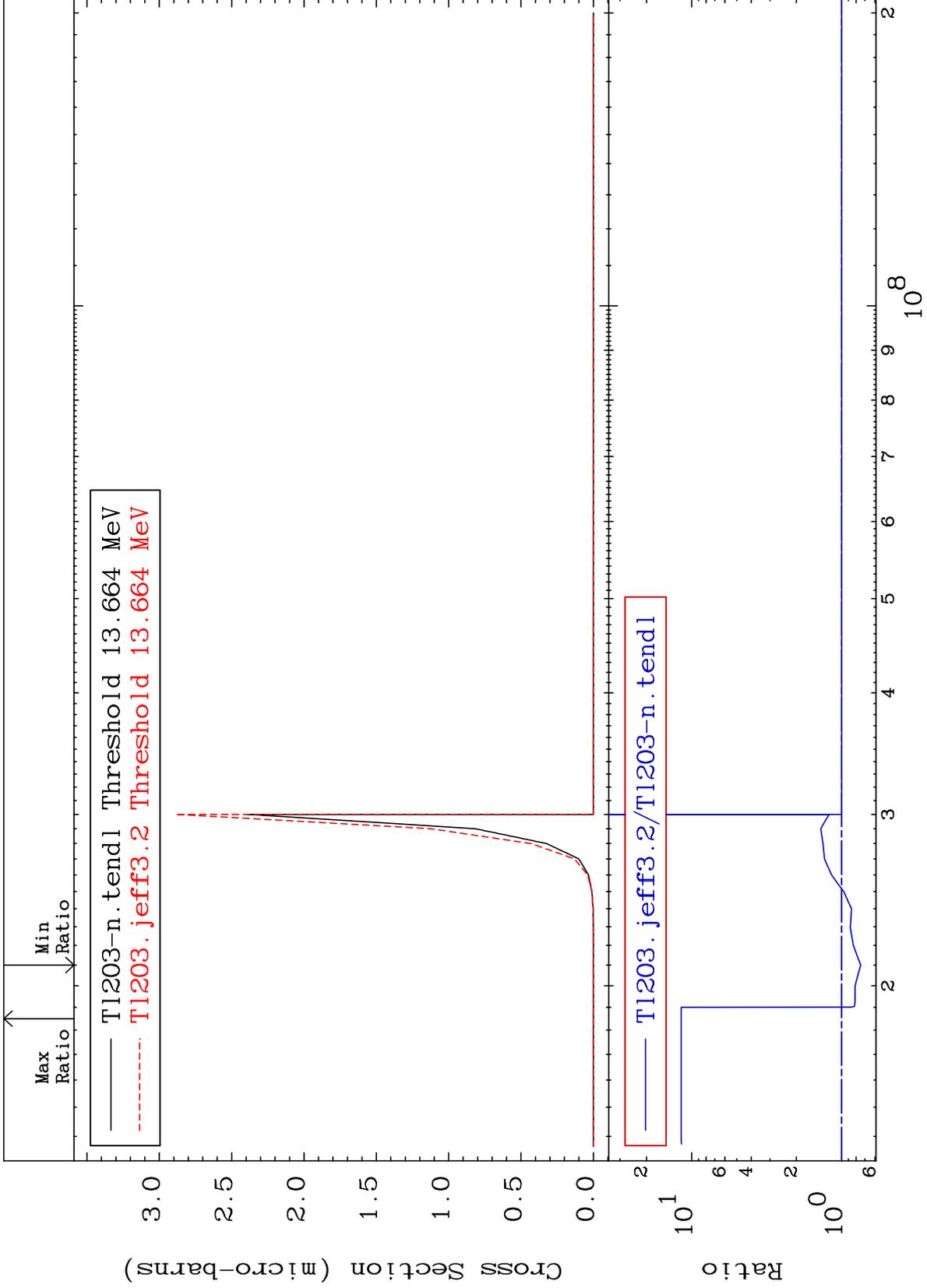


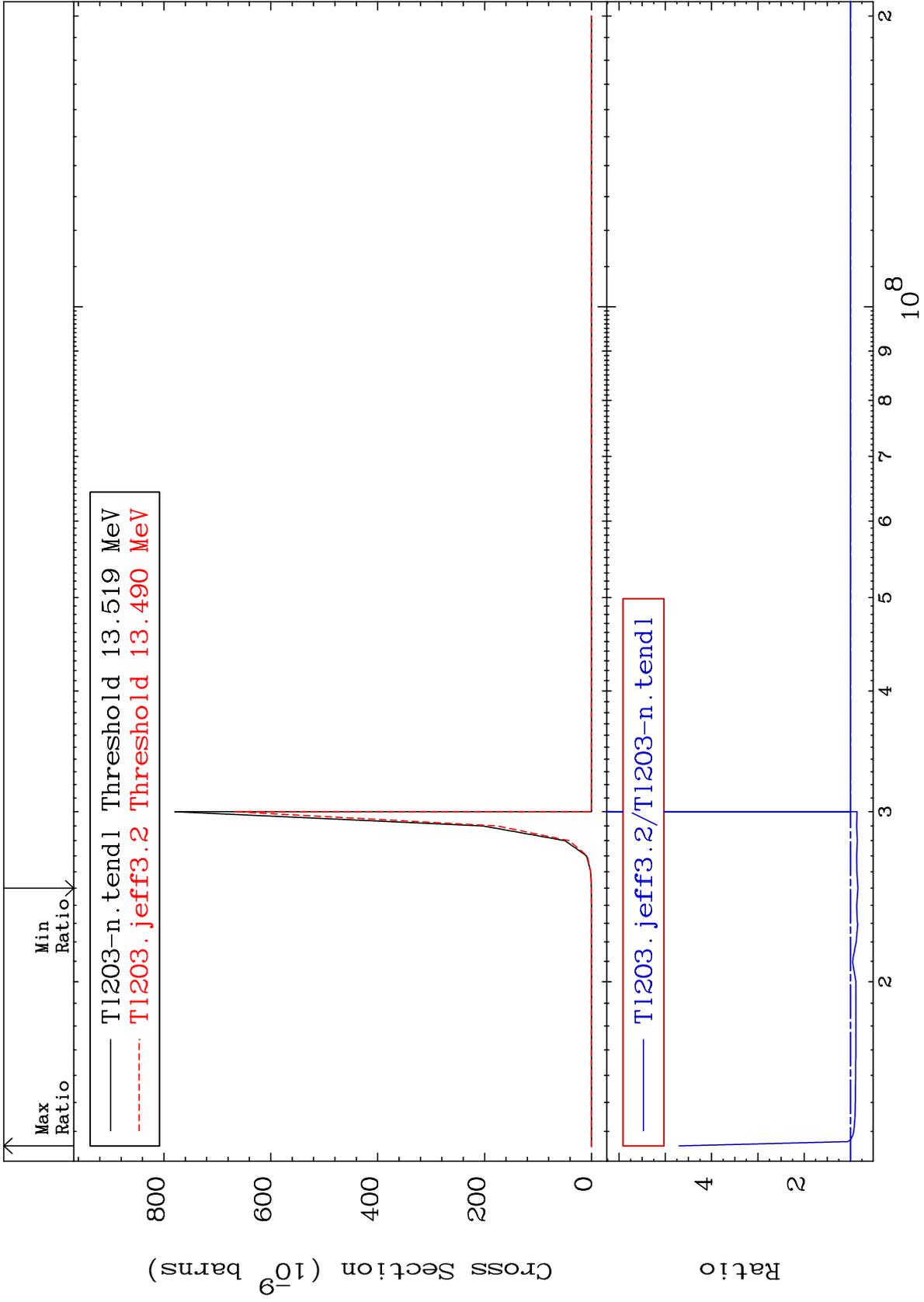




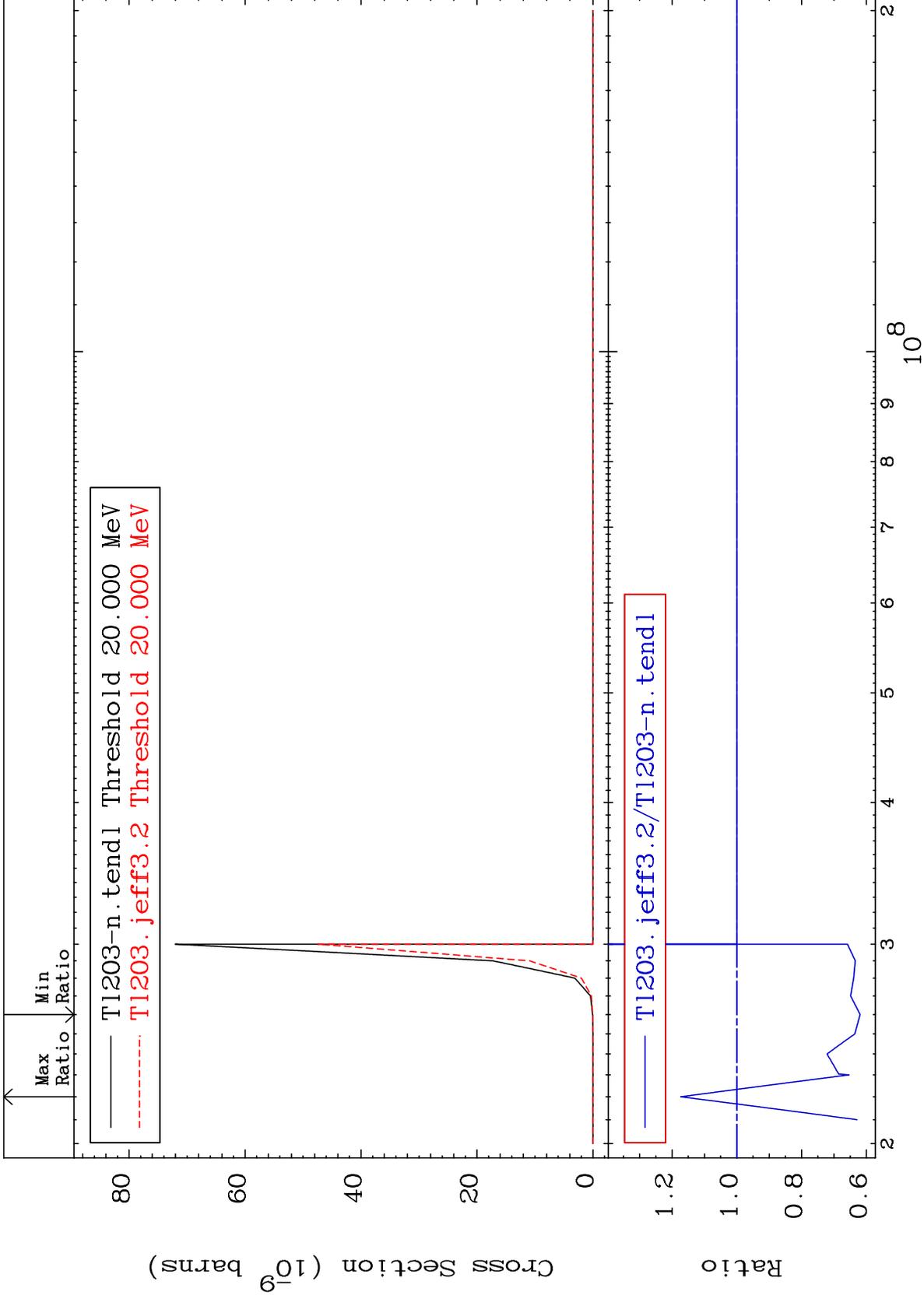


Radionuclide Production Cross Section -25.43 To 1072. %





Radionuclide Production Cross Section -38.05 To 17.32 %



Radionuclide Production Cross Section

-44.78 To 9999. %

