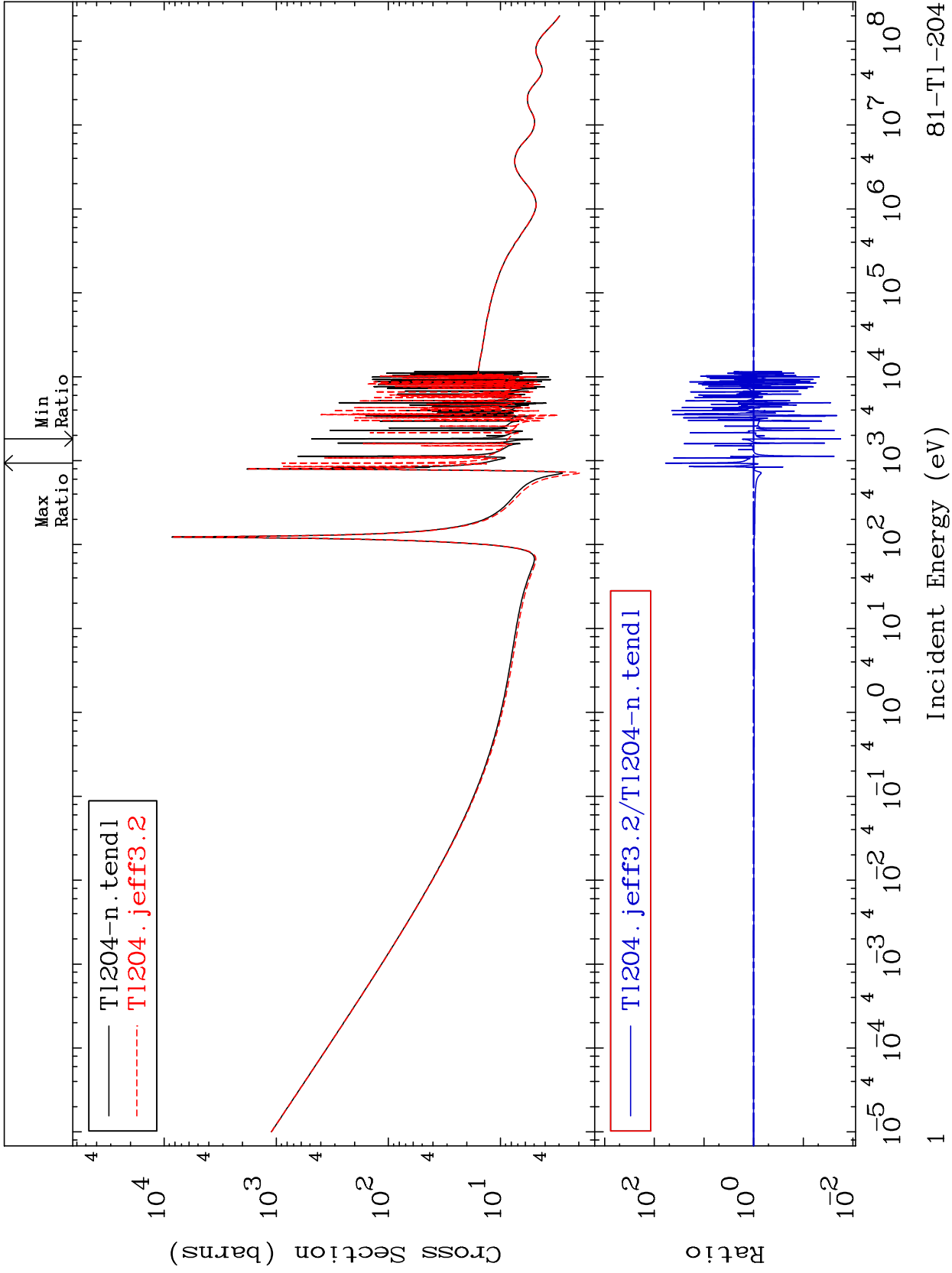
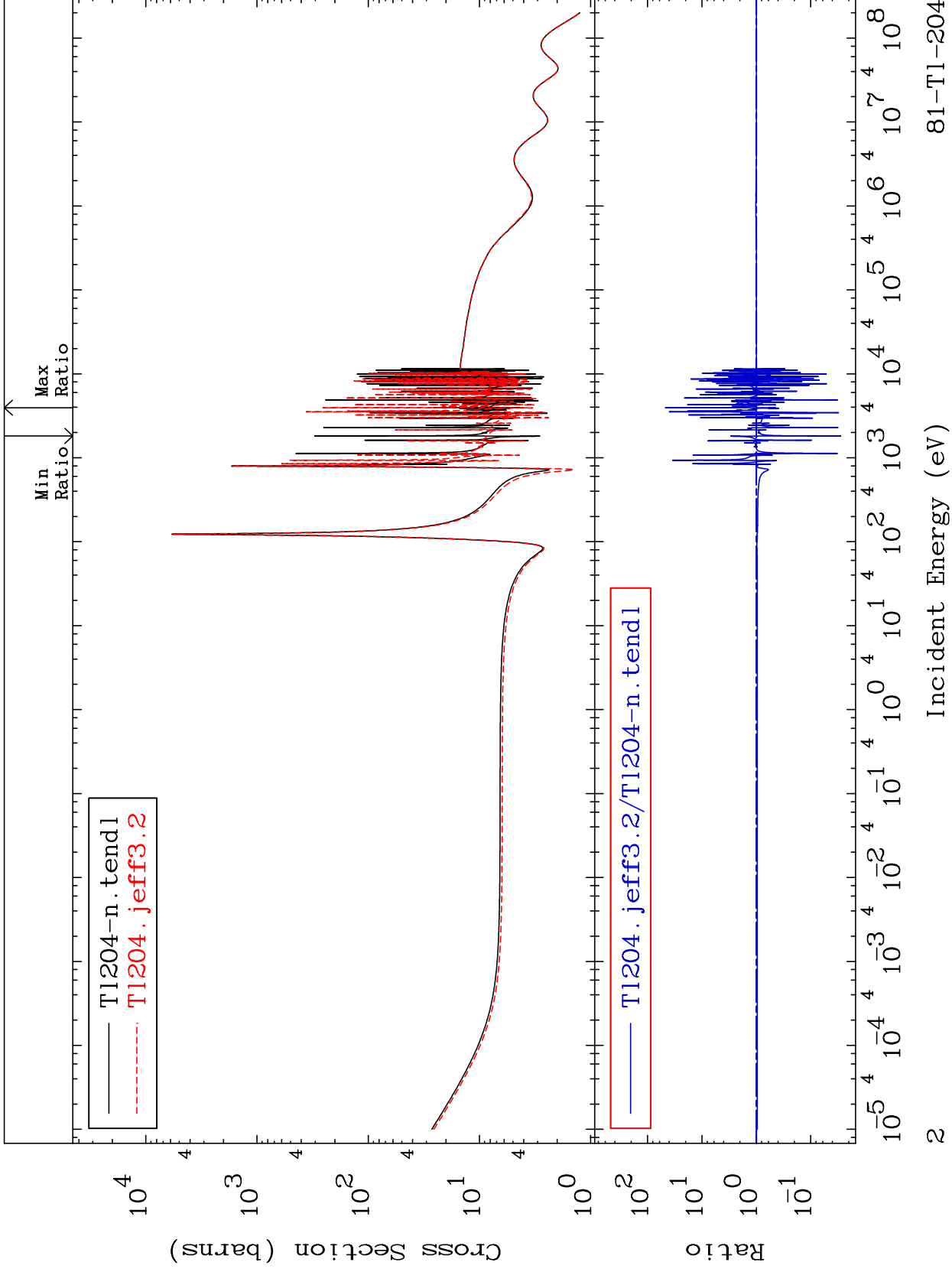


MAT 8128

Total Cross Section  
81-Tl-204  
-98.24 To 5848. %



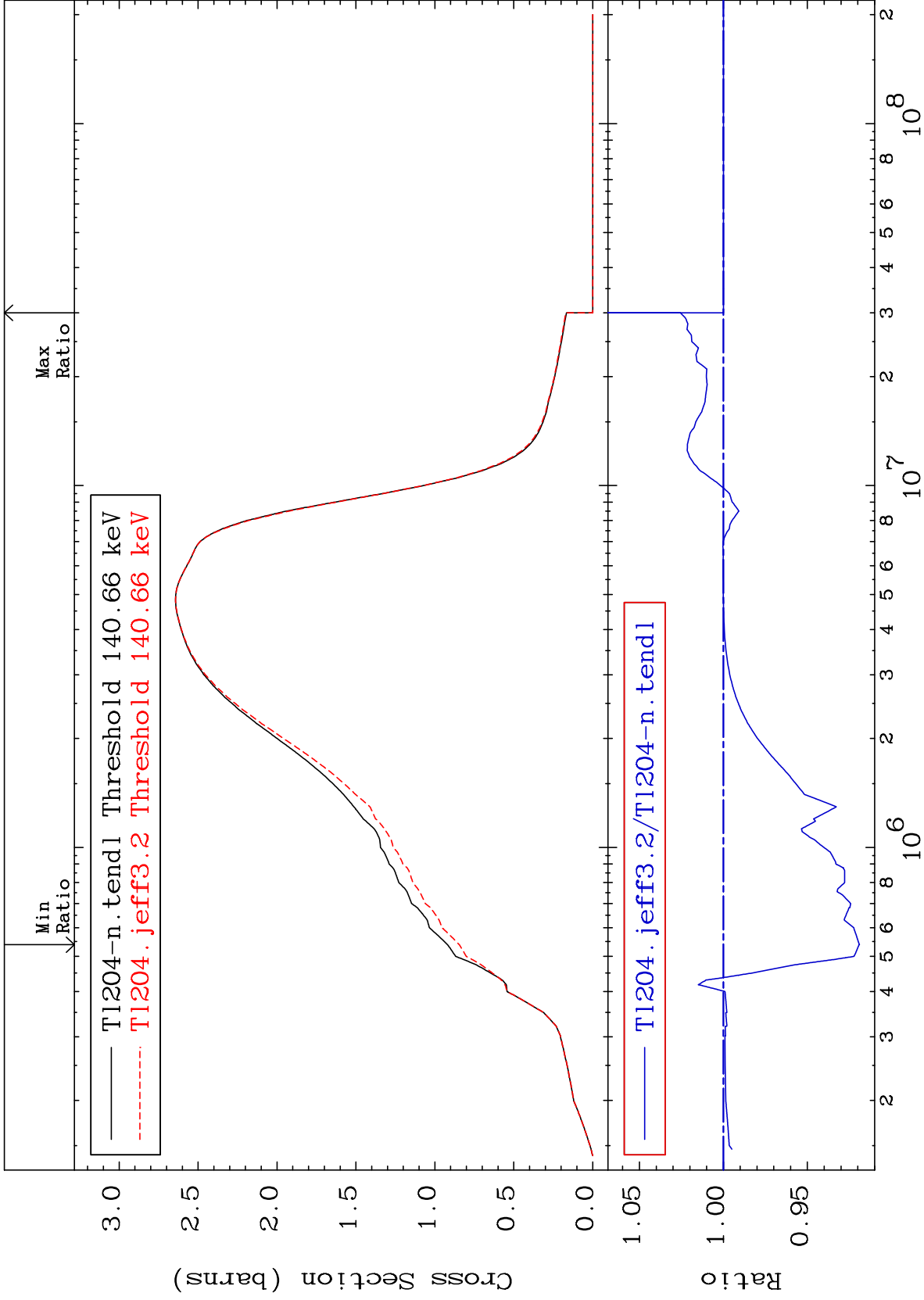
81-Tl-204



MAT 8128

Inelastic  
Cross Section

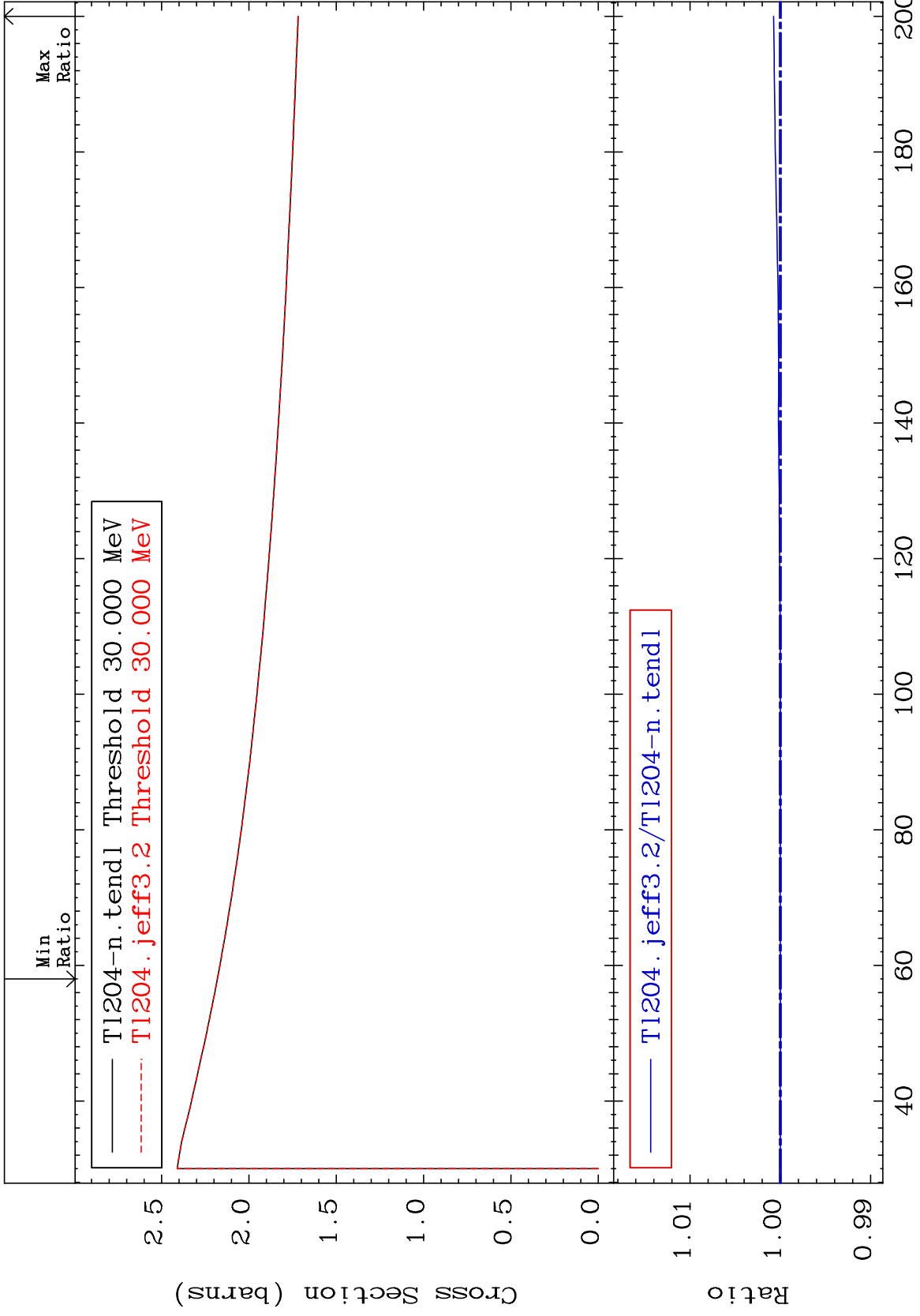
81-Tl-204  
-8.099 To 2.563 %



MAT 8128

(n, remainder)  
Cross Section

81-Tl-204  
-0.002 To 0.075 %



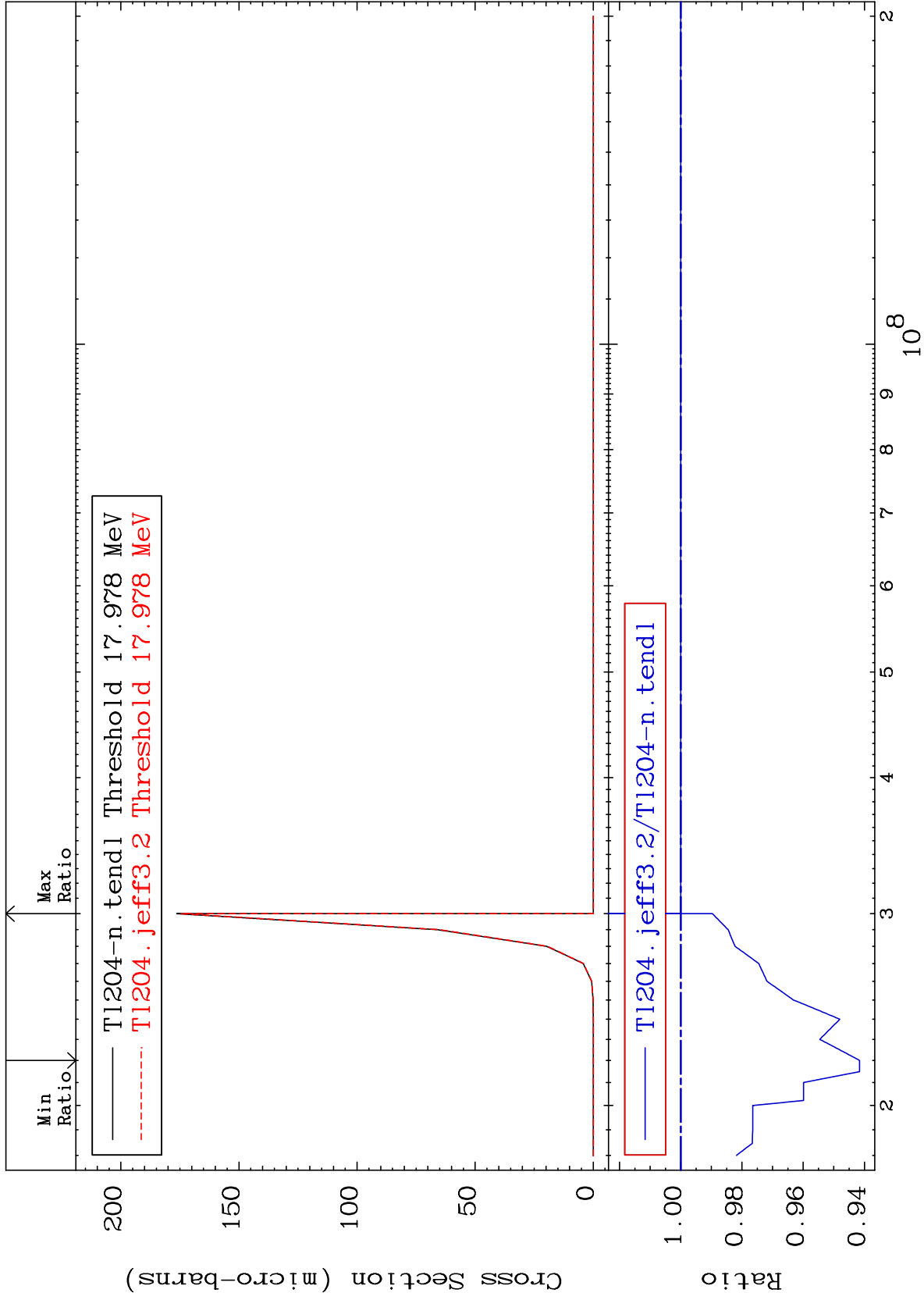
MAT 8128

(n,2n) d

81-Tl-204

Cross Section

-5.840 To 0.000 %



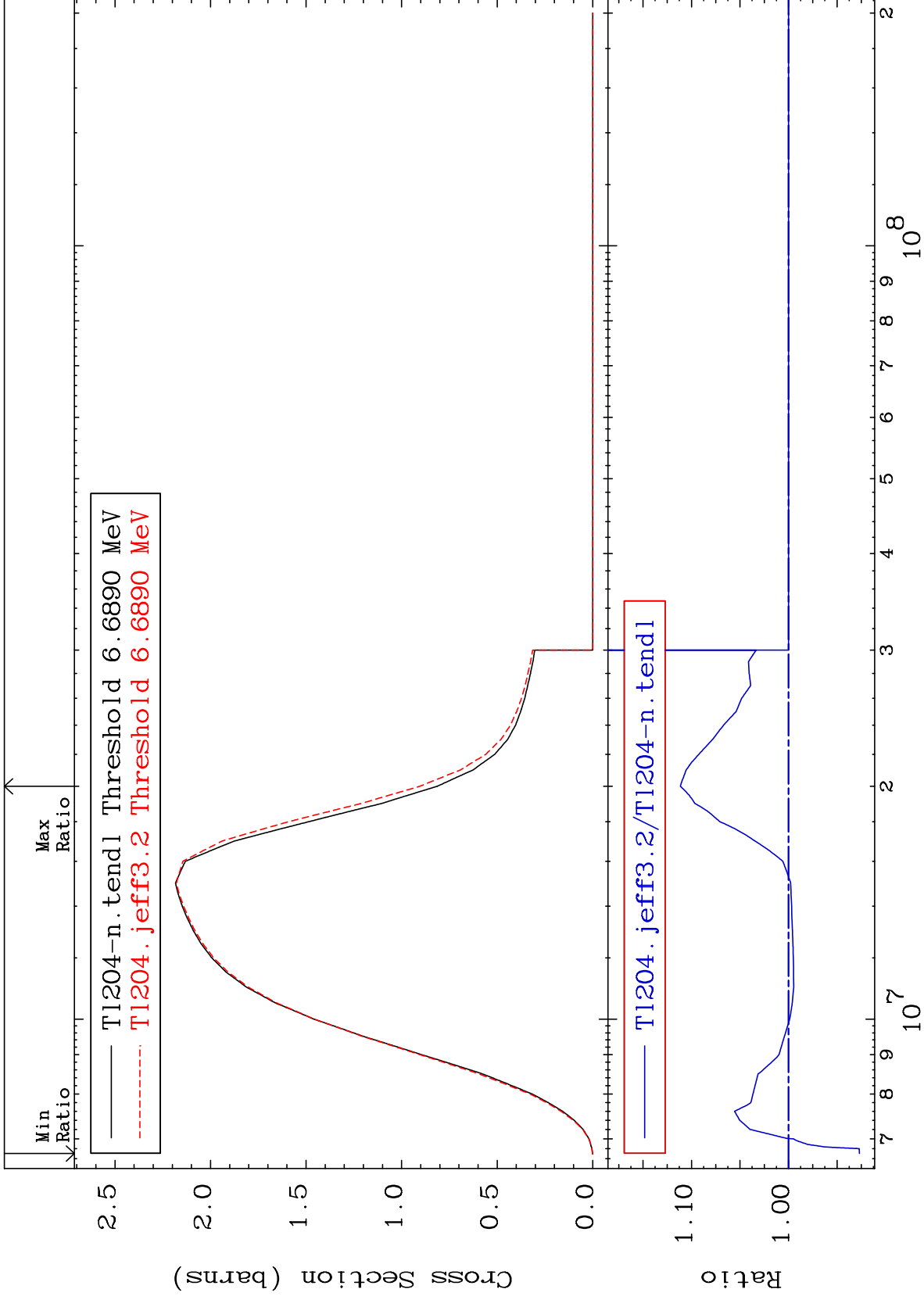
MAT 8128

(n,2n)

81-Tl-204

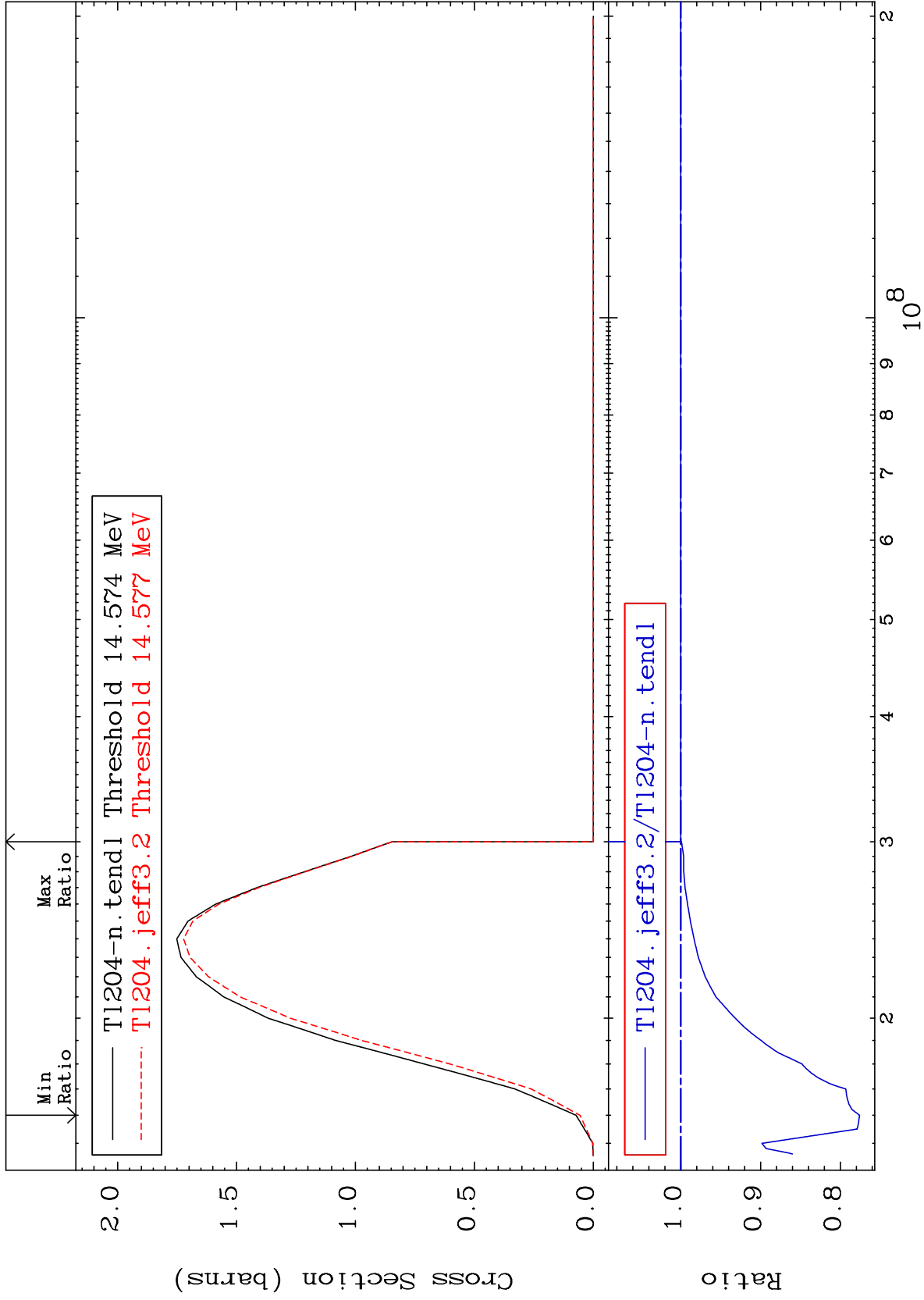
Cross Section

-7.311 To 11.15 %



Cross Section

-22.40 To 0.000 %



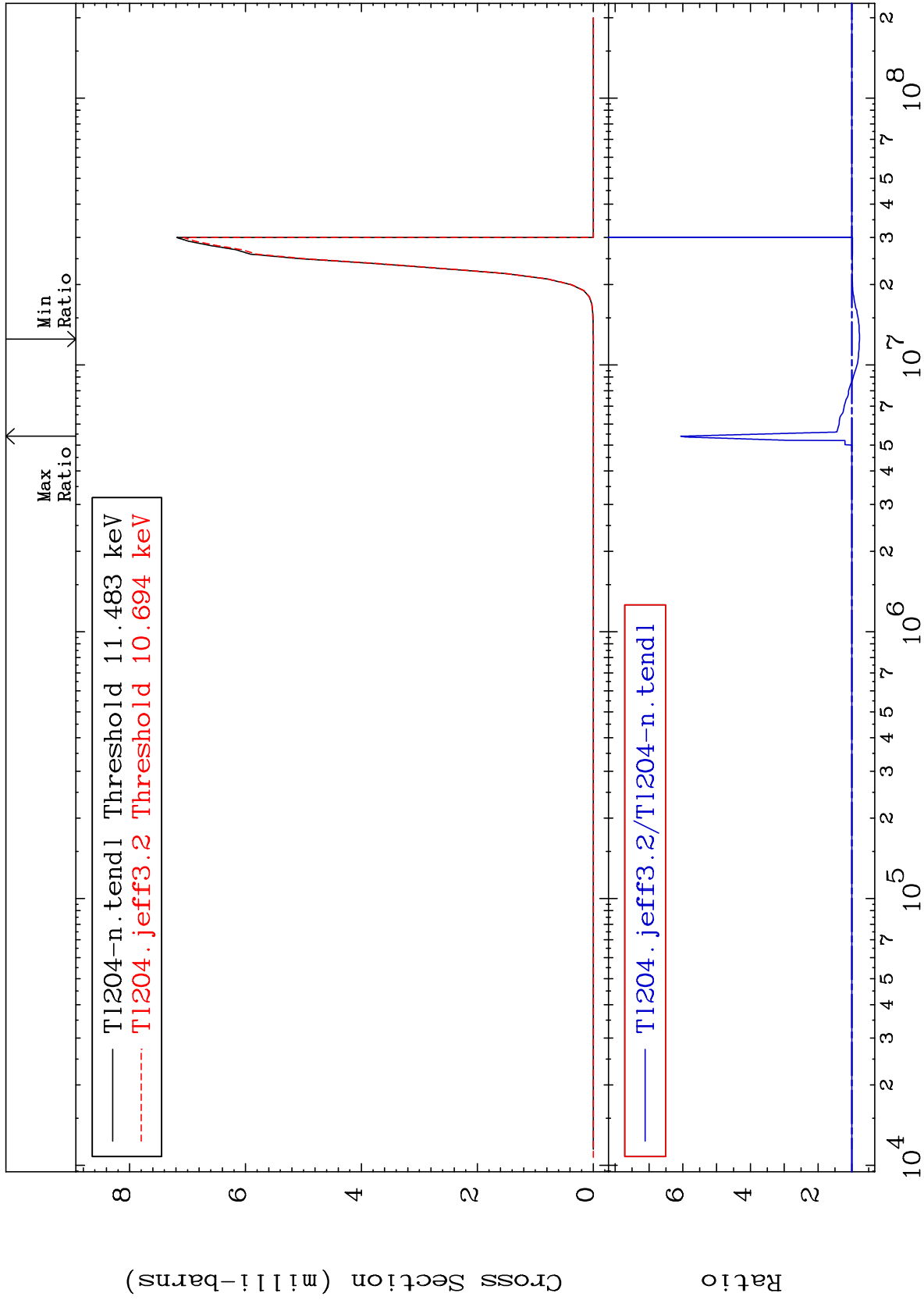
MAT 8128

(n, n')  $\alpha$

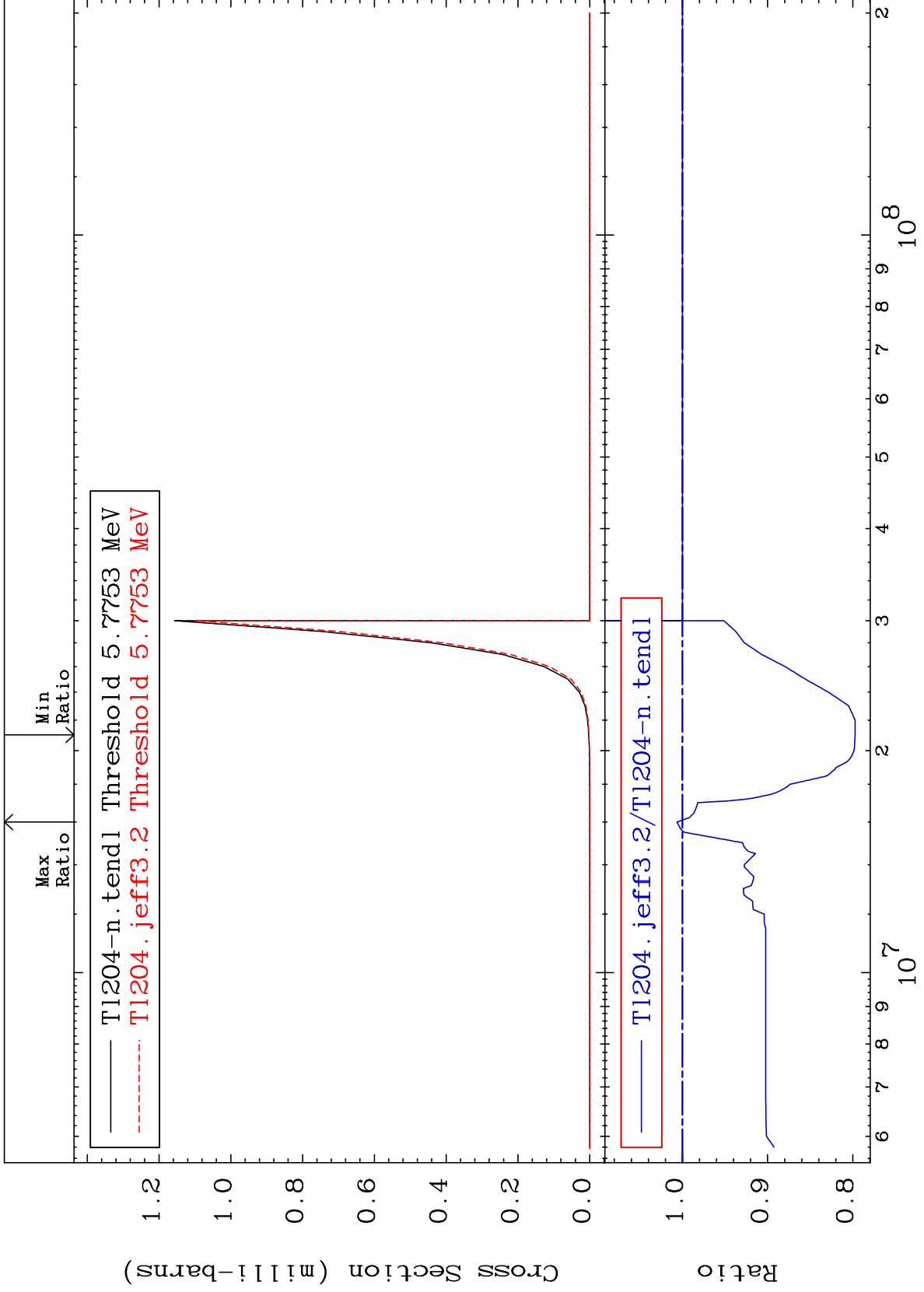
81-Tl-204

Cross Section

-22.84 To 506.0 %



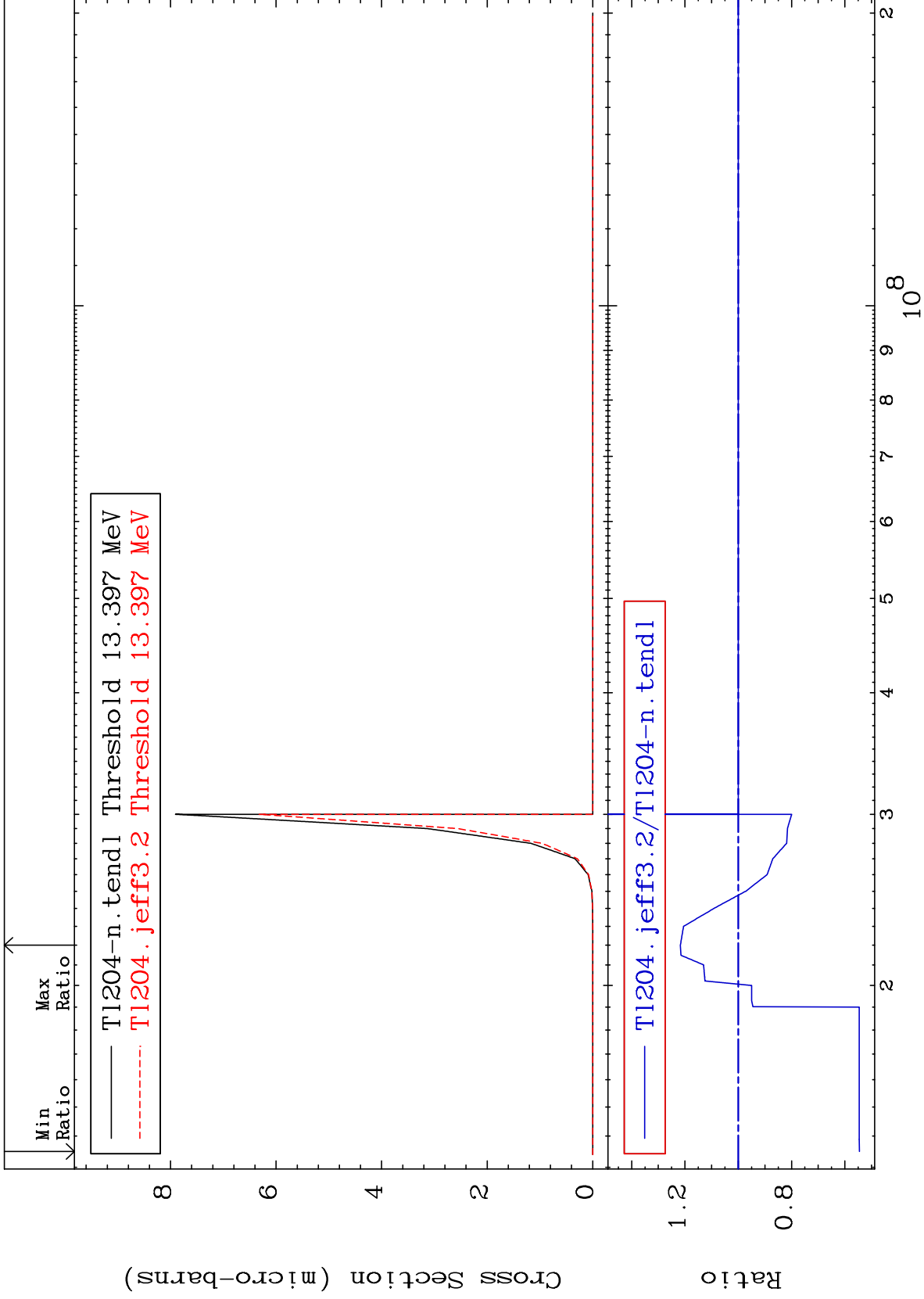




MAT 8128

(n,3n)  $\alpha$   
Cross Section

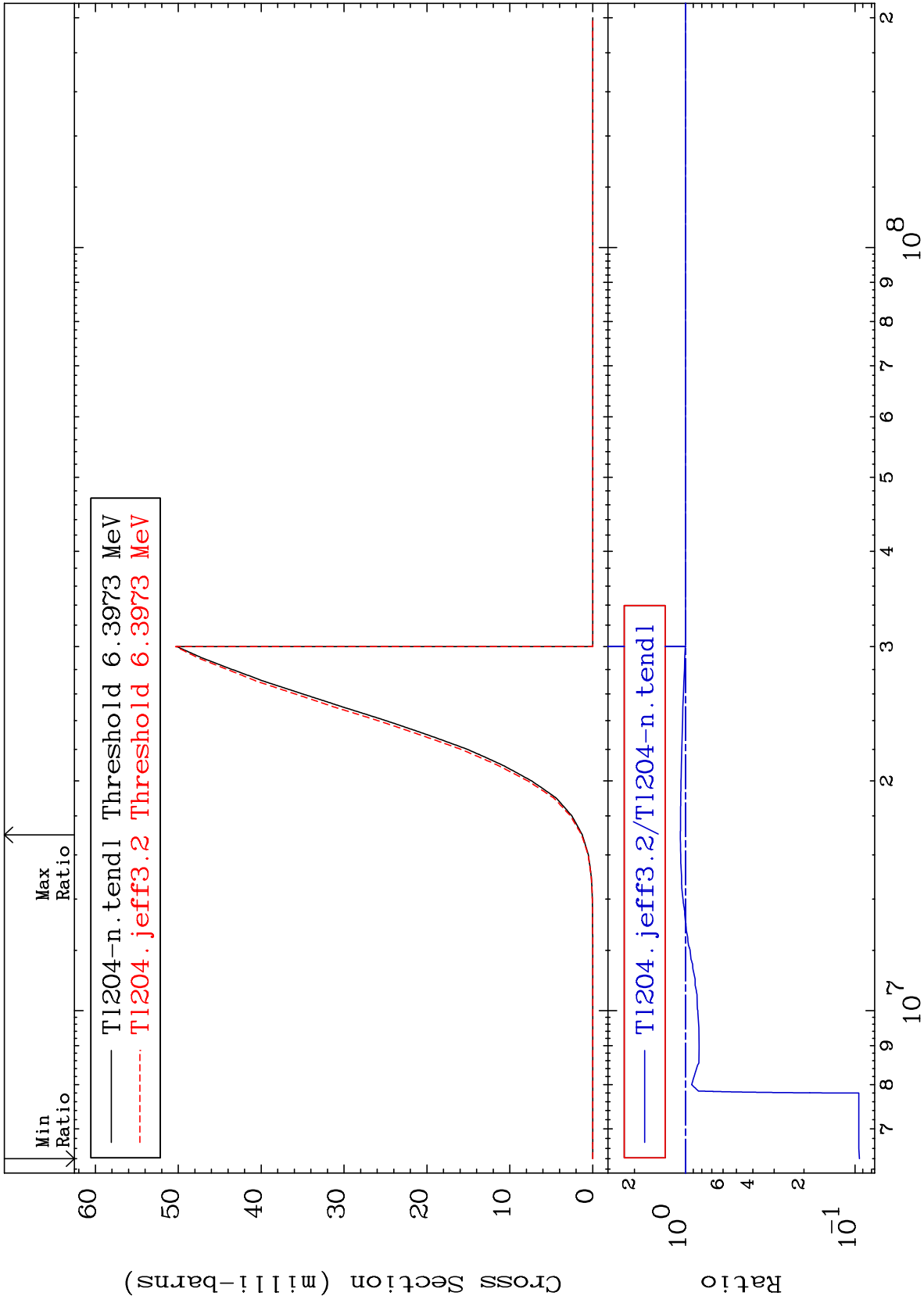
81-Tl-204  
-45.46 To 21.72 %



10

81-Tl-204

81-Tl-204



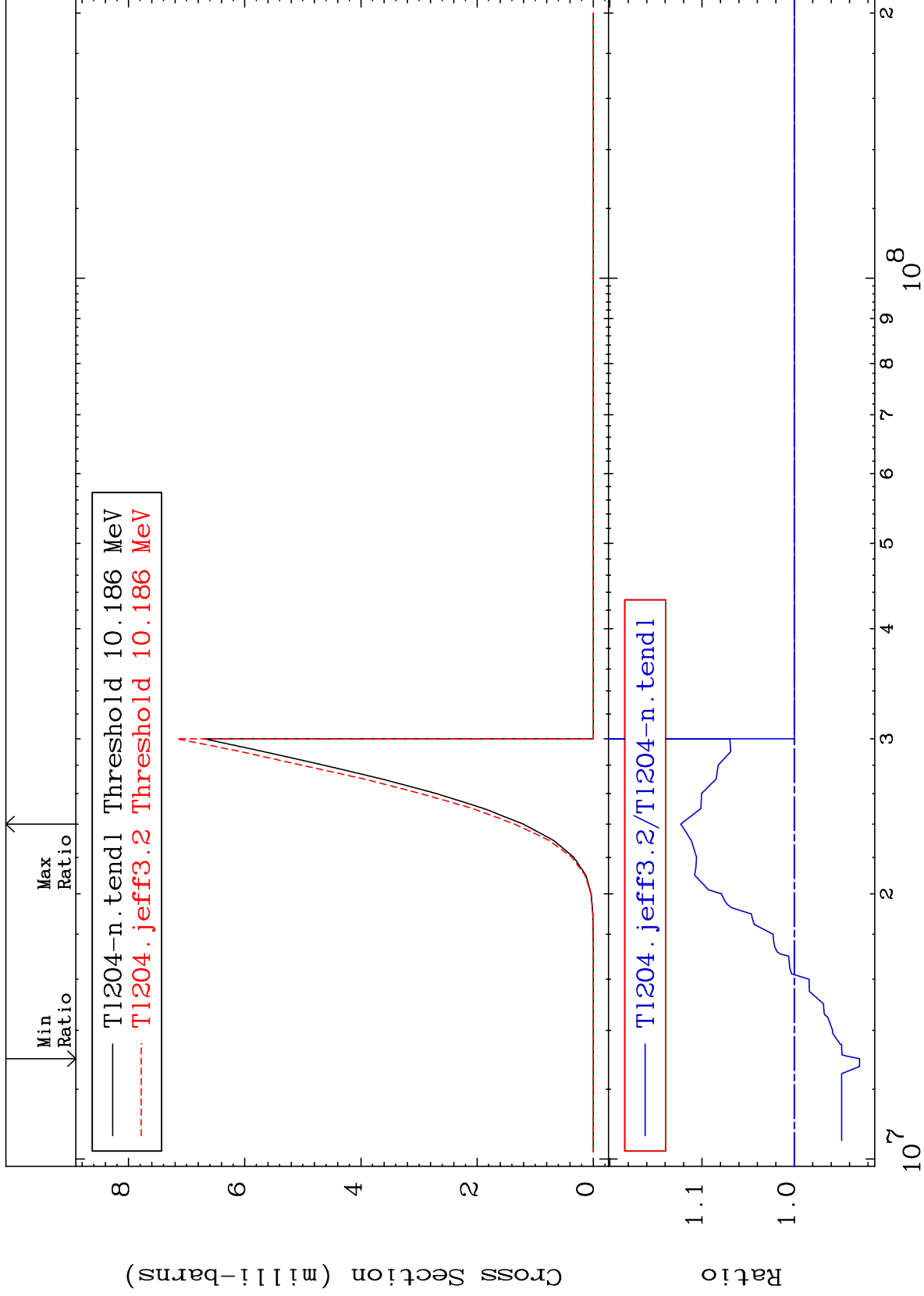
MAT 8128

(n, n') d

81-Tl-204

Cross Section

-7.076 To 12.31 %



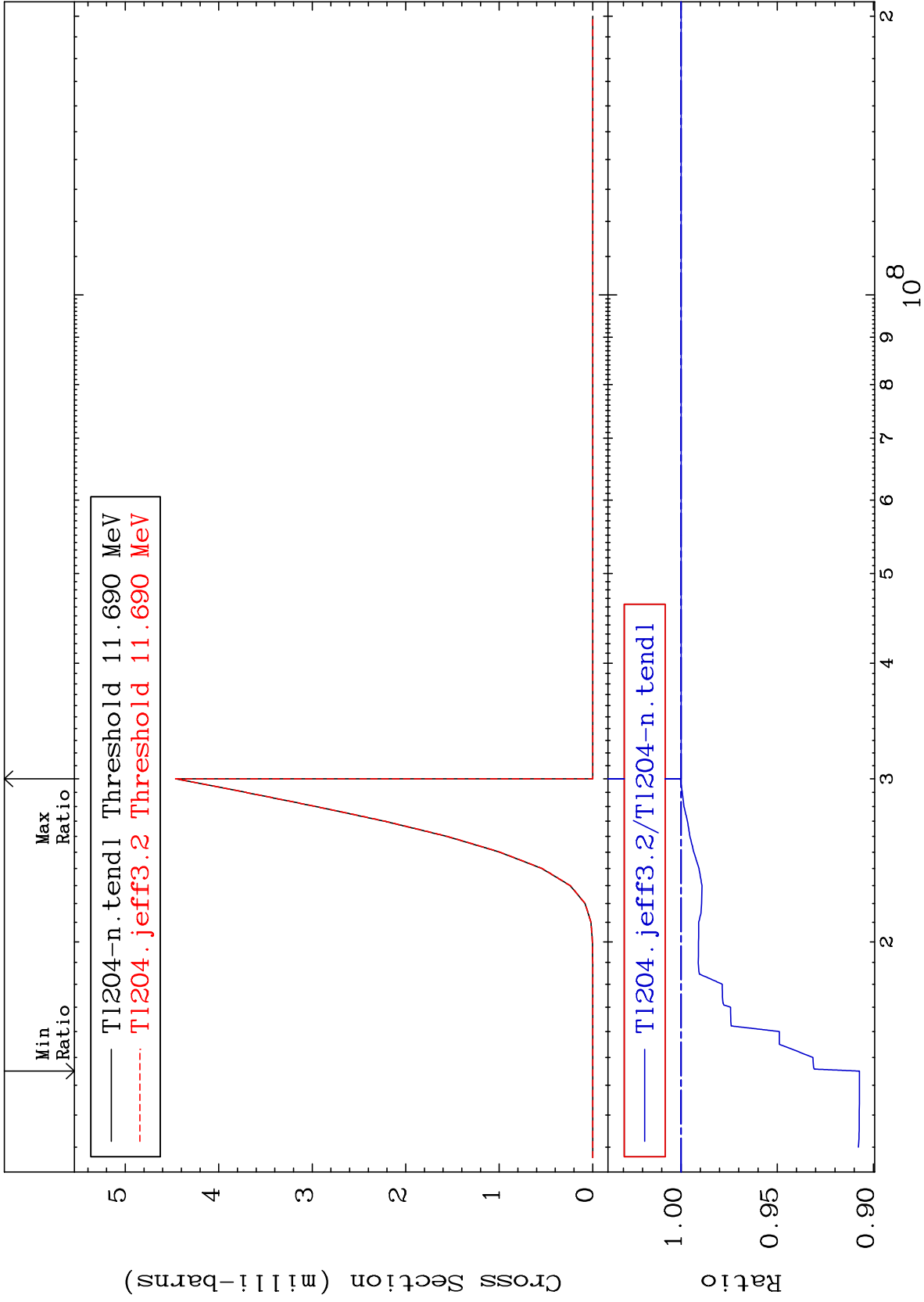
Incident Energy (eV)

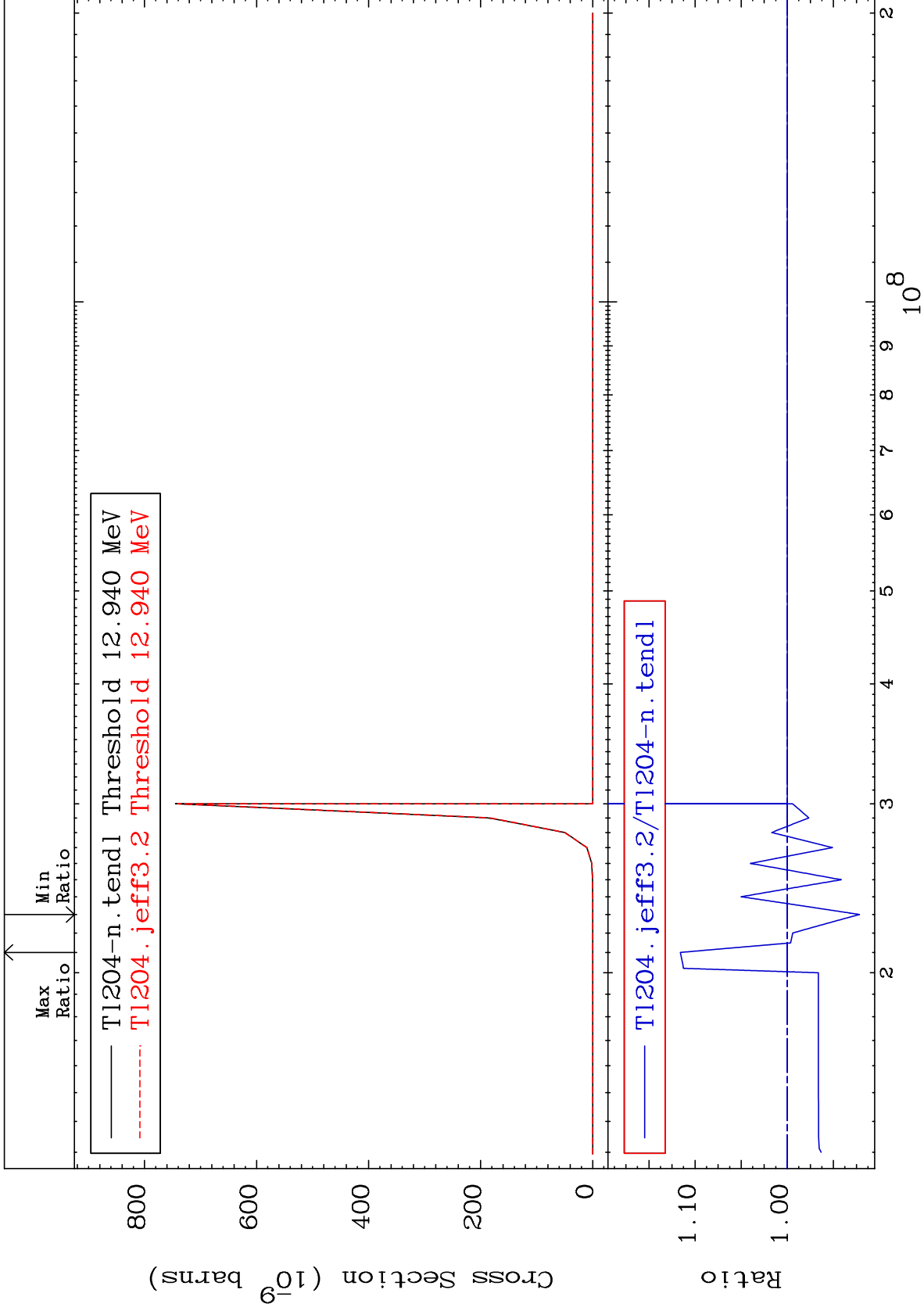
81-Tl-204

12

Cross Section

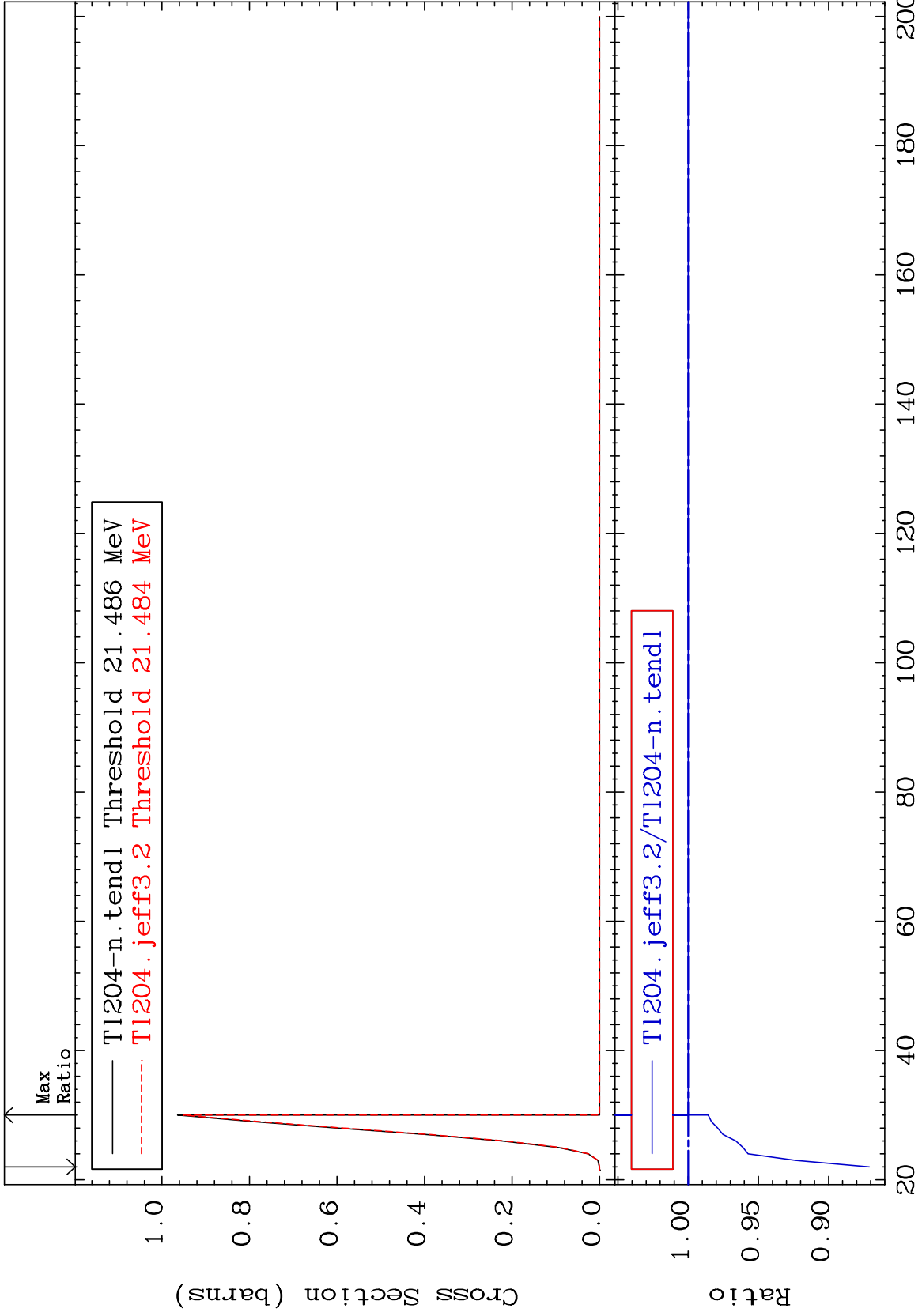
-9.273 To 0.036 %





Cross Section

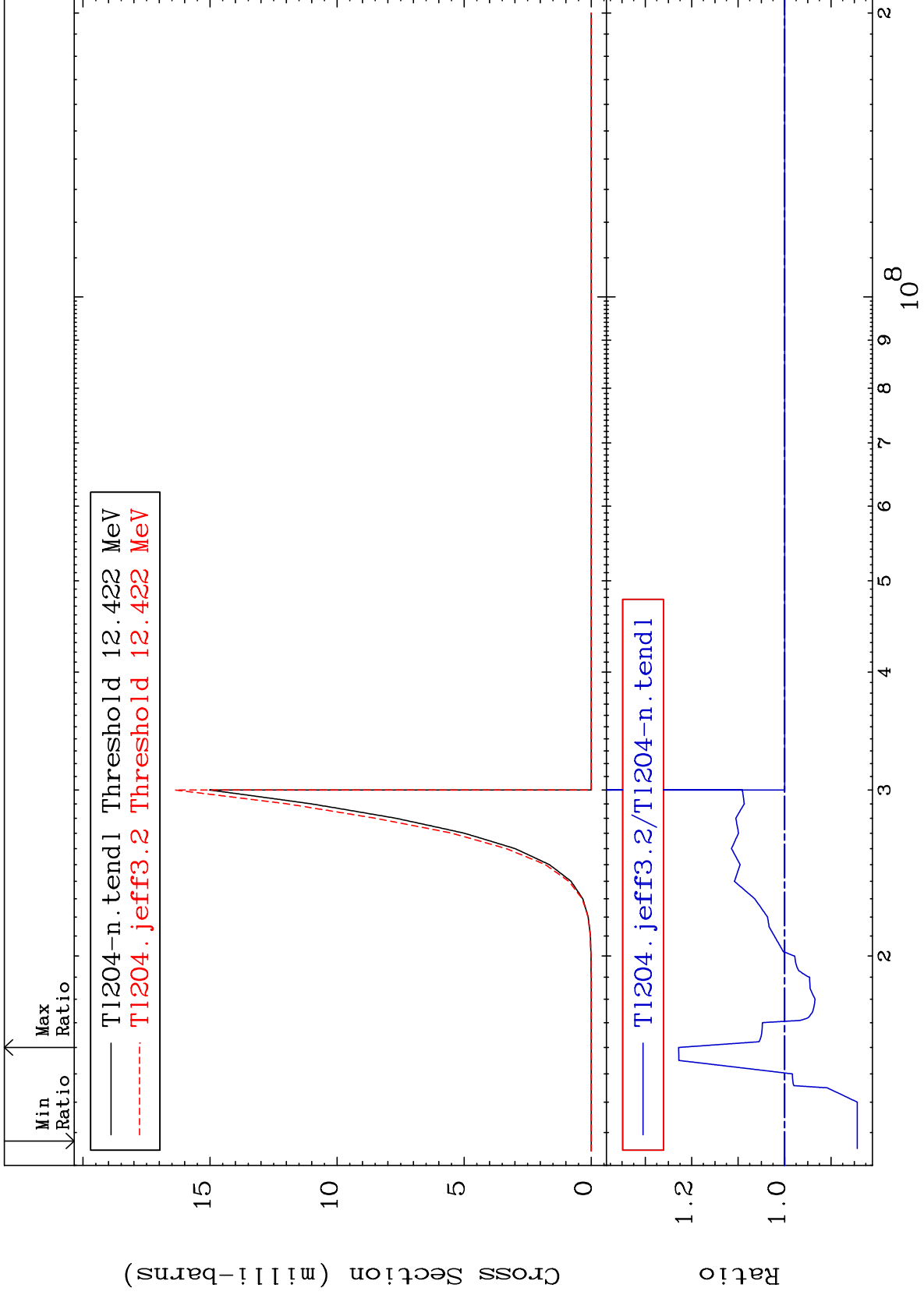
-12.90 To 0.000 %



MAT 8128

(n,2n) p  
Cross Section

81-Tl-204  
-15.65 To 22.81 %

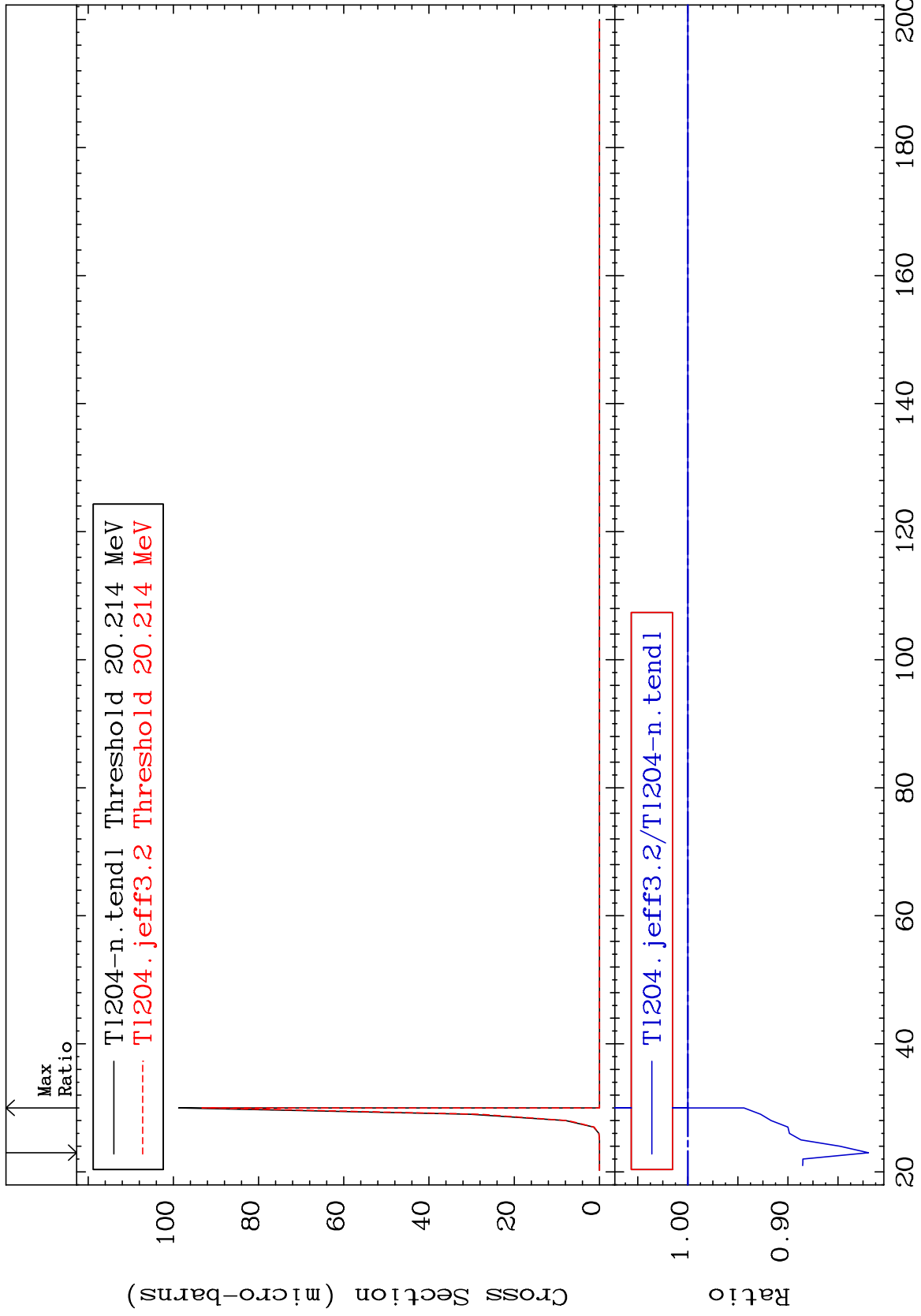


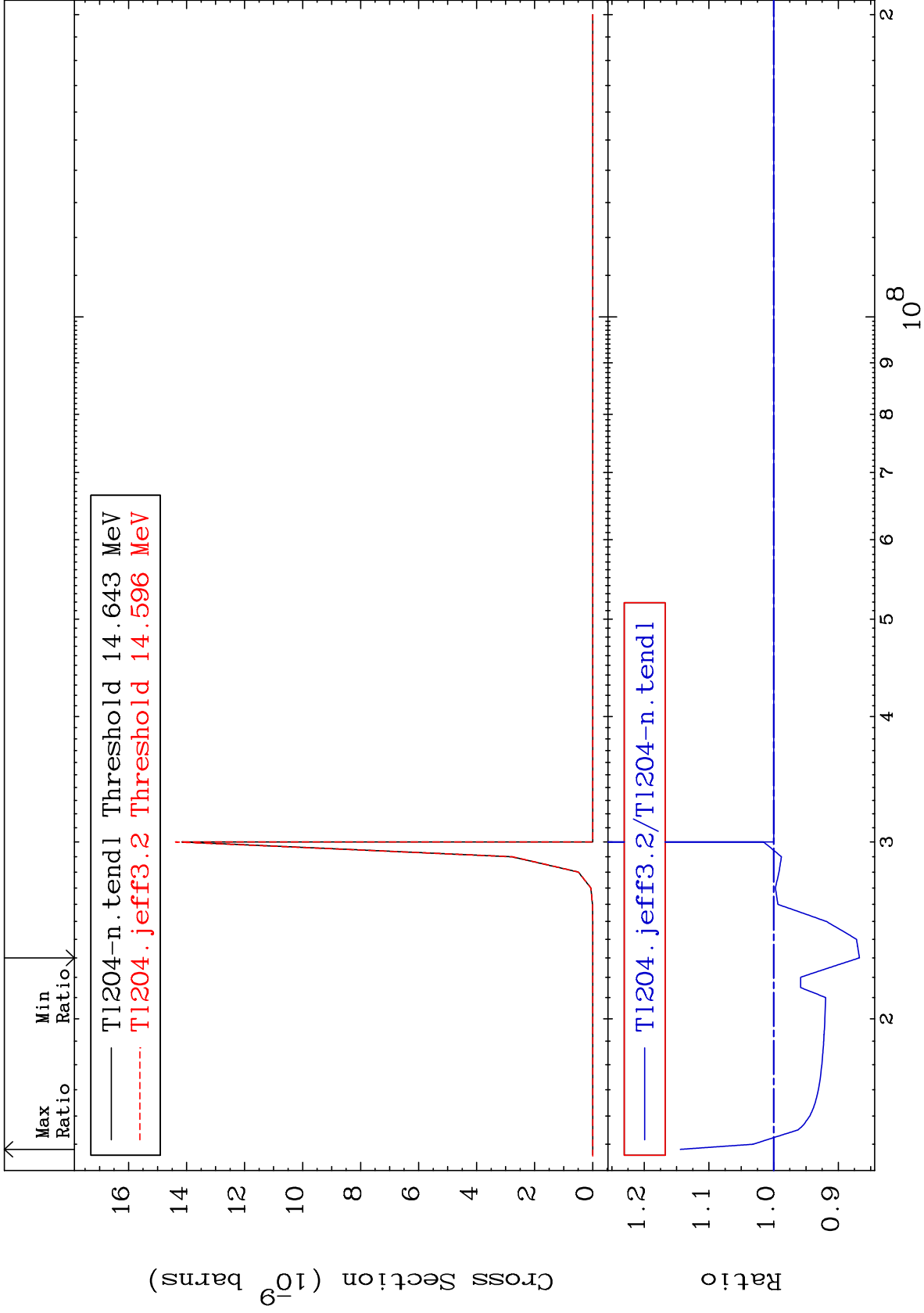


MAT 8128

(n,3n) p  
Cross Section

81-Tl-204  
-18.04 To 0.000 %

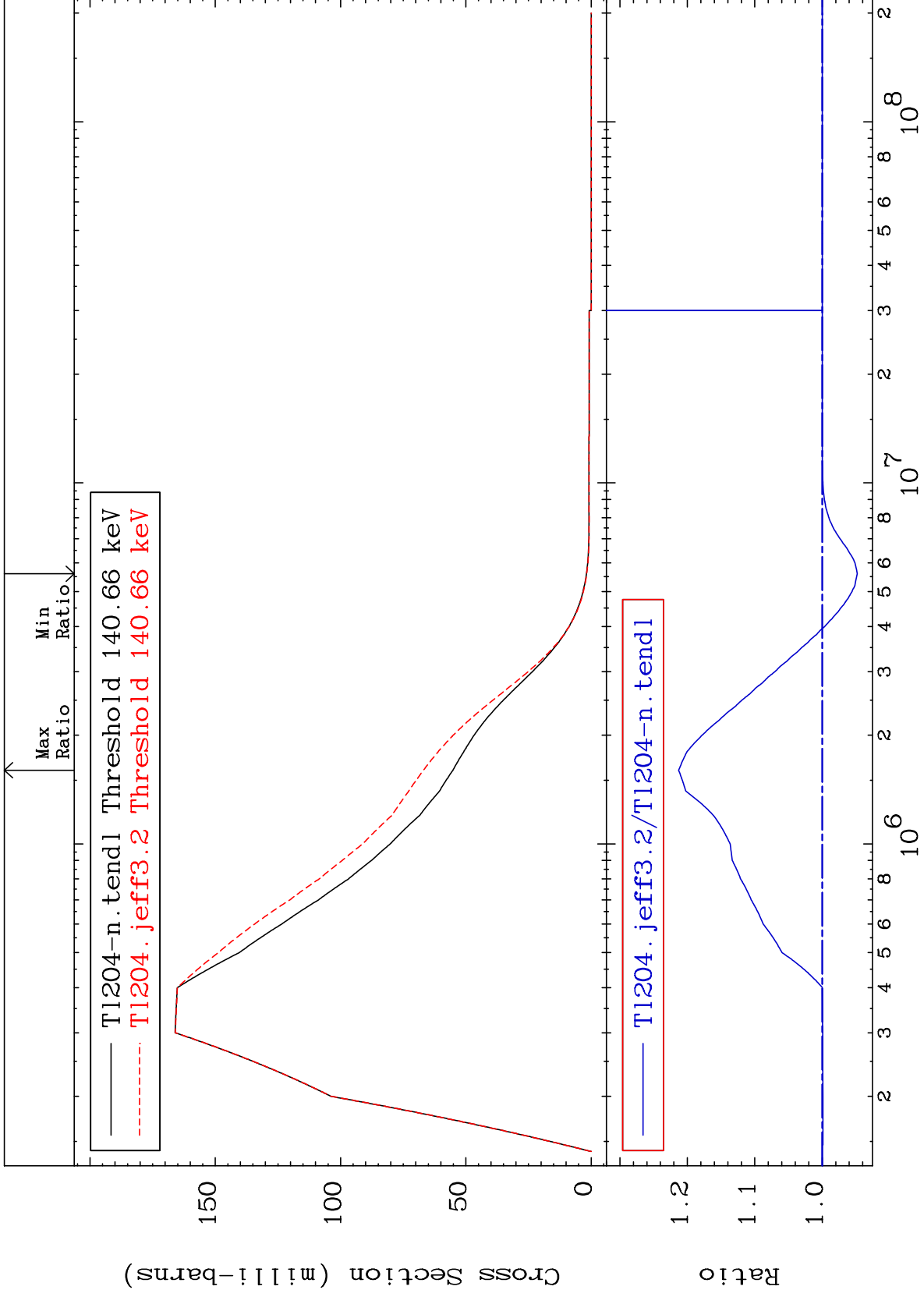




MAT 8128

140.0 keV (n,n') Level  
Cross Section

81-Tl-204  
-5.190 To 21.29 %



19

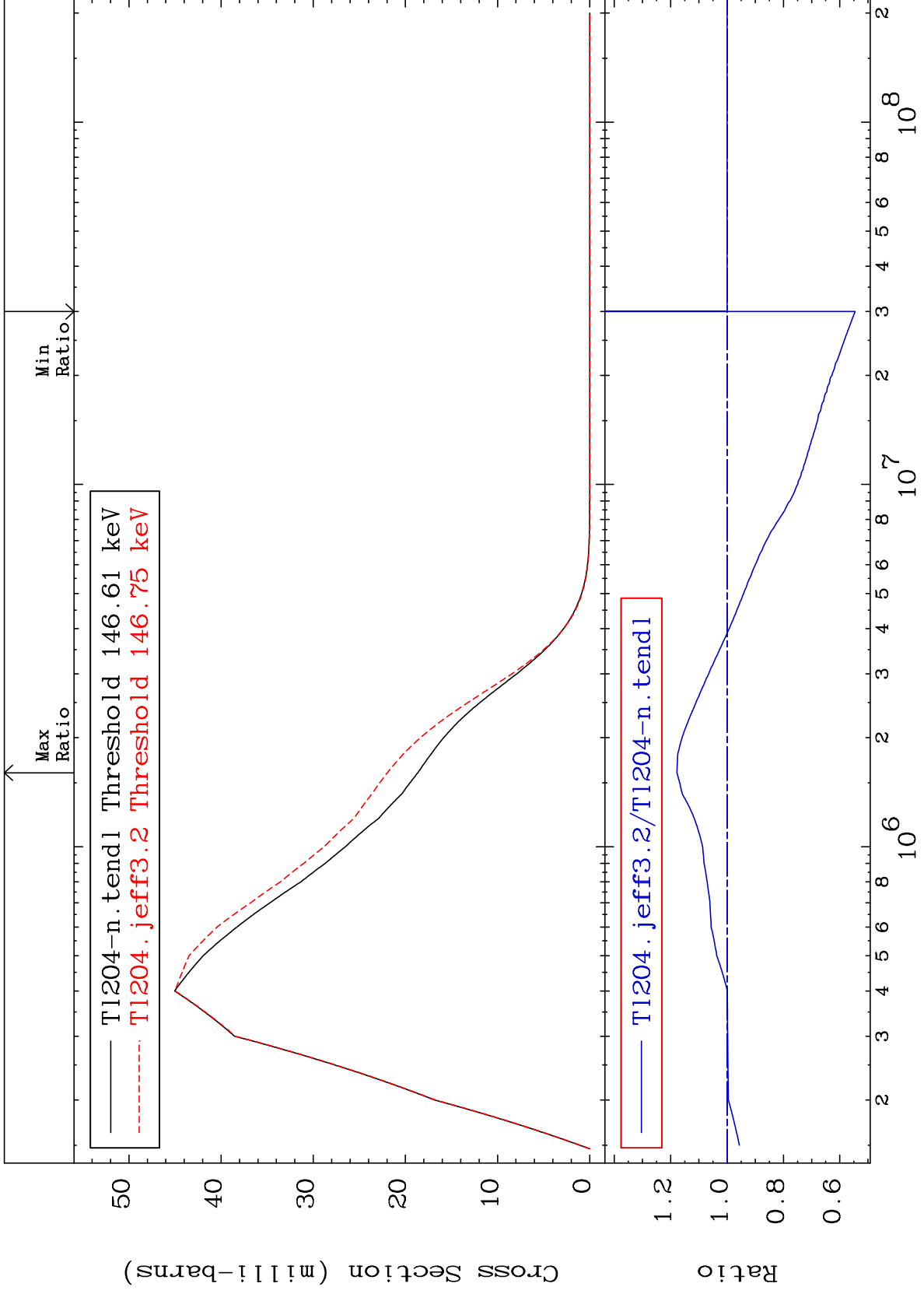
Incident Energy (eV)

81-Tl-204

MAT 8128

145.9 keV (n,n') Level  
Cross Section

81-Tl-204  
-45.42 To 17.79 %



20

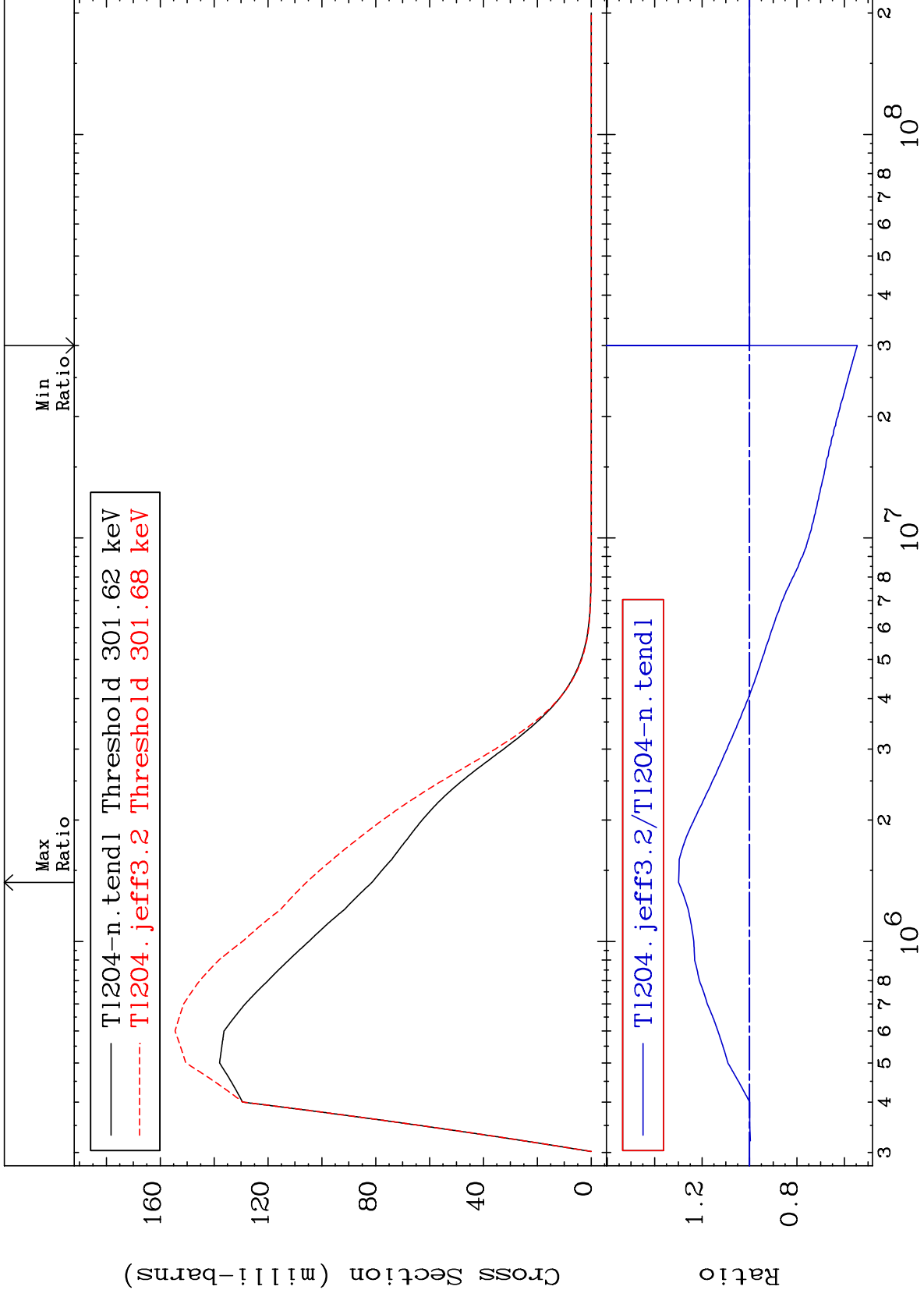
Incident Energy (eV)

81-Tl-204

MAT 8128

300.1 keV (n,n') Level  
Cross Section

81-Tl-204  
-45.42 To 29.89 %



21

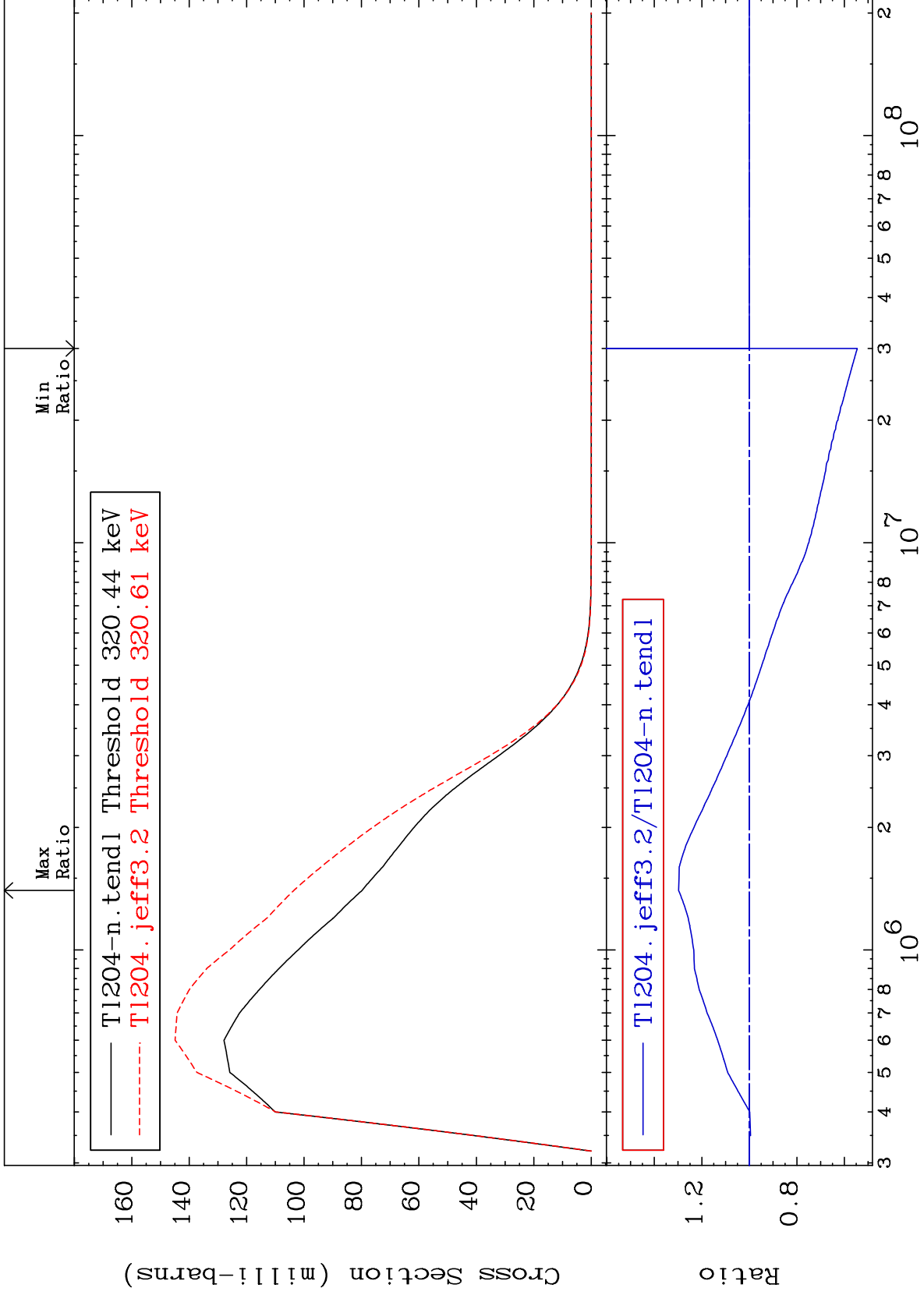
Incident Energy (eV)

81-Tl-204

MAT 8128

318.9 keV (n,n') Level  
Cross Section

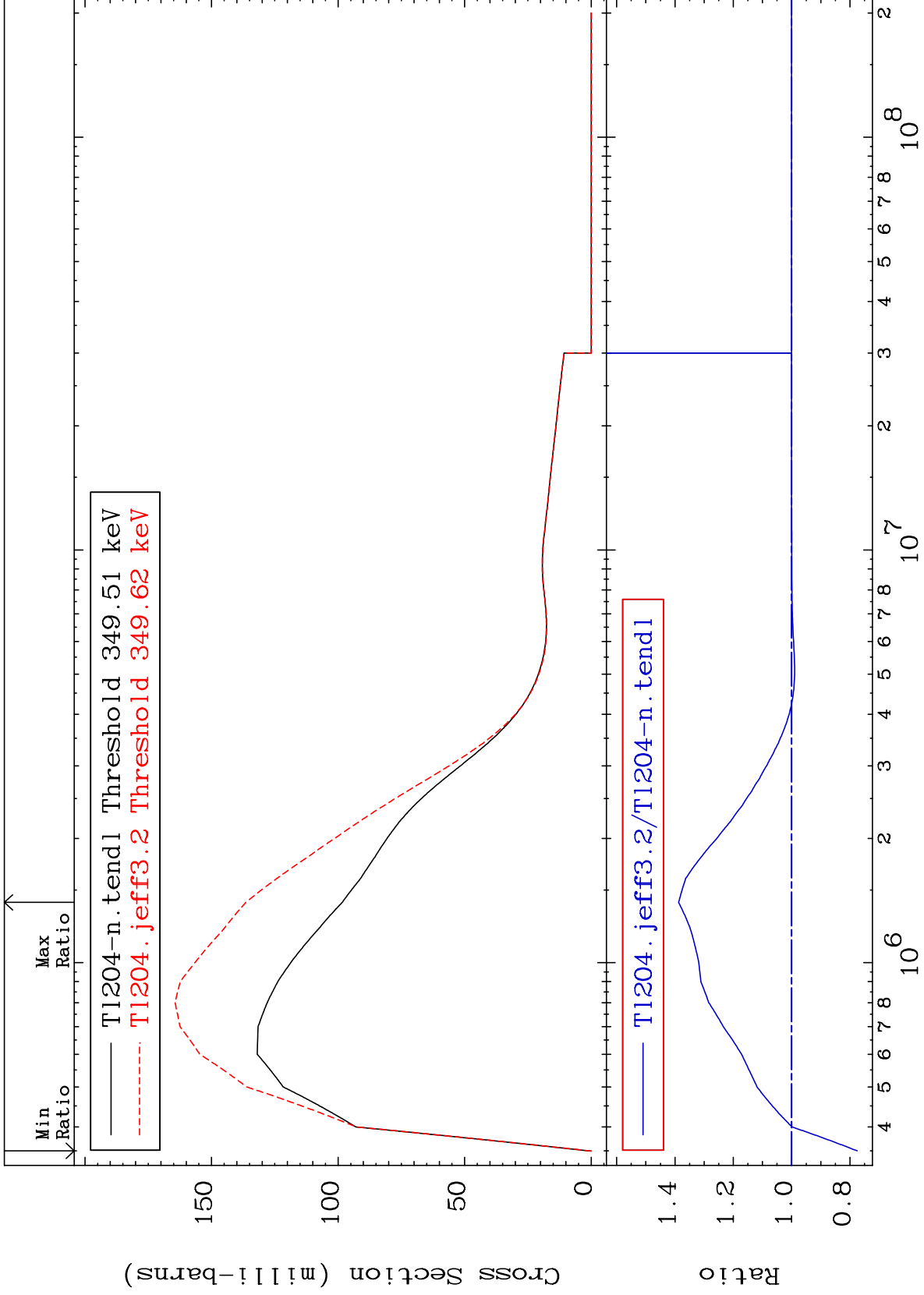
81-Tl-204  
-45.42 To 29.76 %



MAT 8128

347.8 keV (n,n') Level  
Cross Section

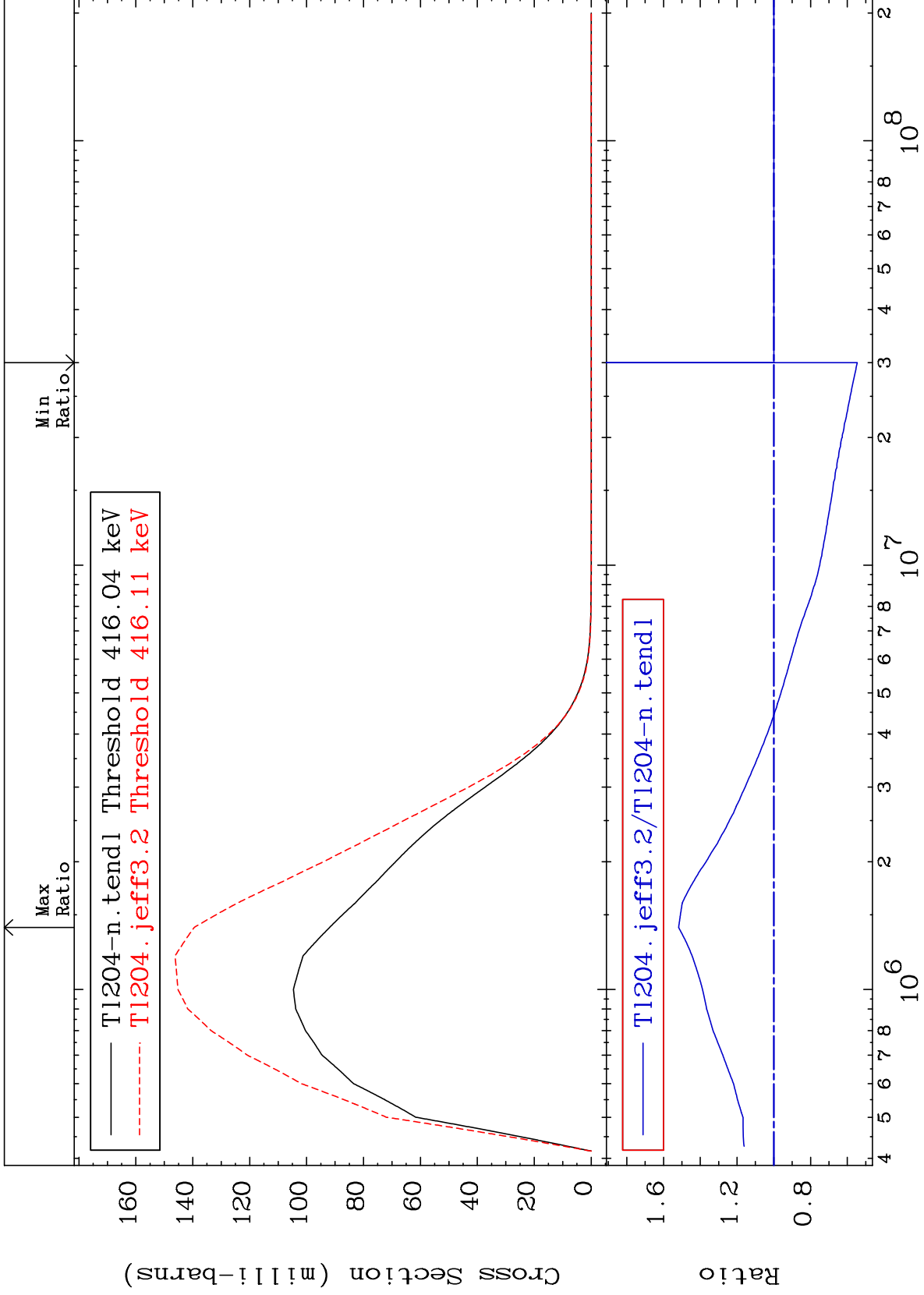
81-Tl-204  
-22.51 To 38.75 %



MAT 8128

414.0 keV (n,n') Level  
Cross Section

81-Tl-204  
-45.40 To 51.78 %

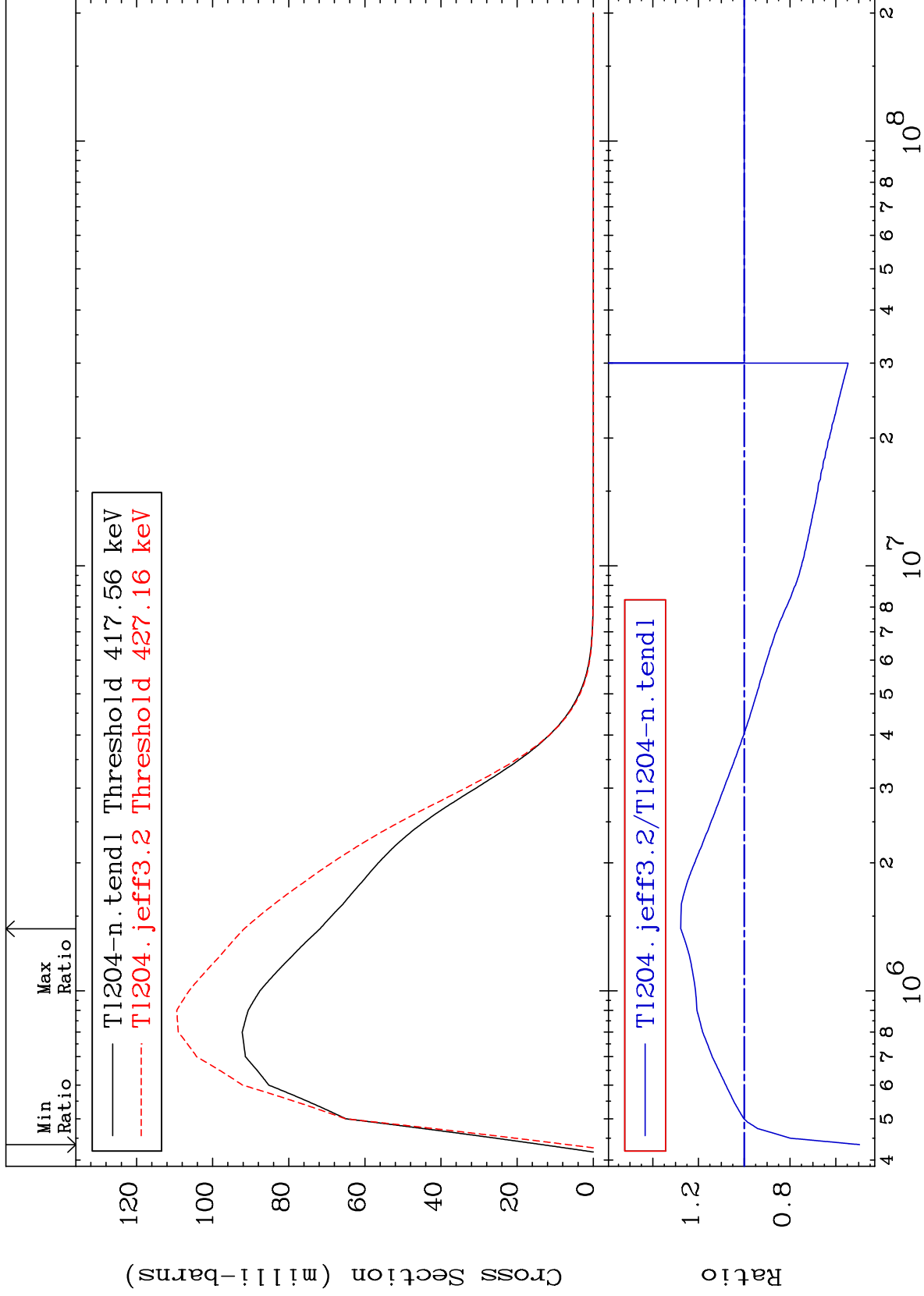




MAT 8128

415.5 keV (n,n') Level  
Cross Section

81-Tl-204  
-50.39 To 27.75 %



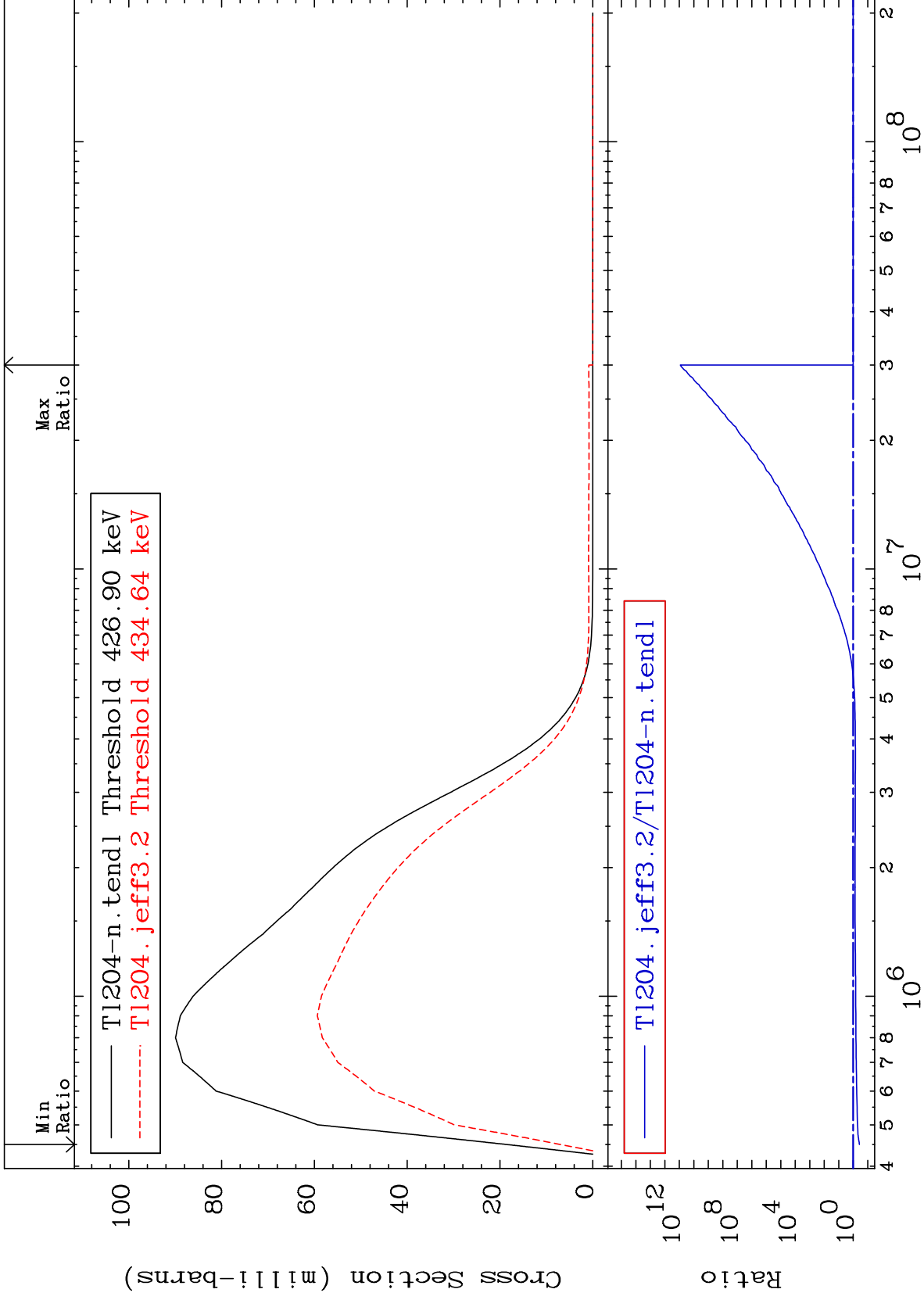
25

81-Tl-204

MAT 8128

424.8 keV (n,n') Level  
Cross Section

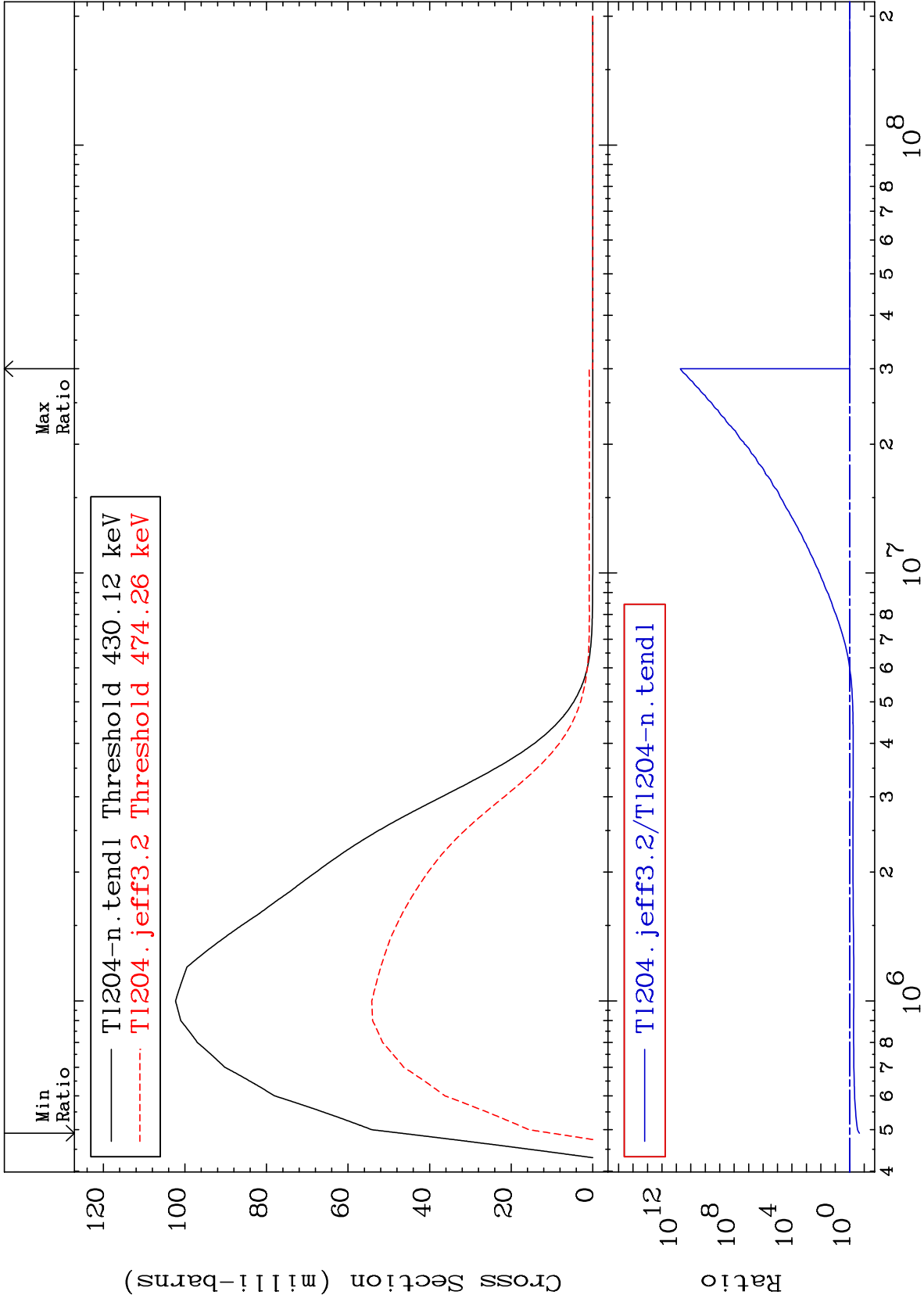
81-Tl-204  
-62.56 To 9999. %



MAT 8128

428.0 keV (n,n') Level  
Cross Section

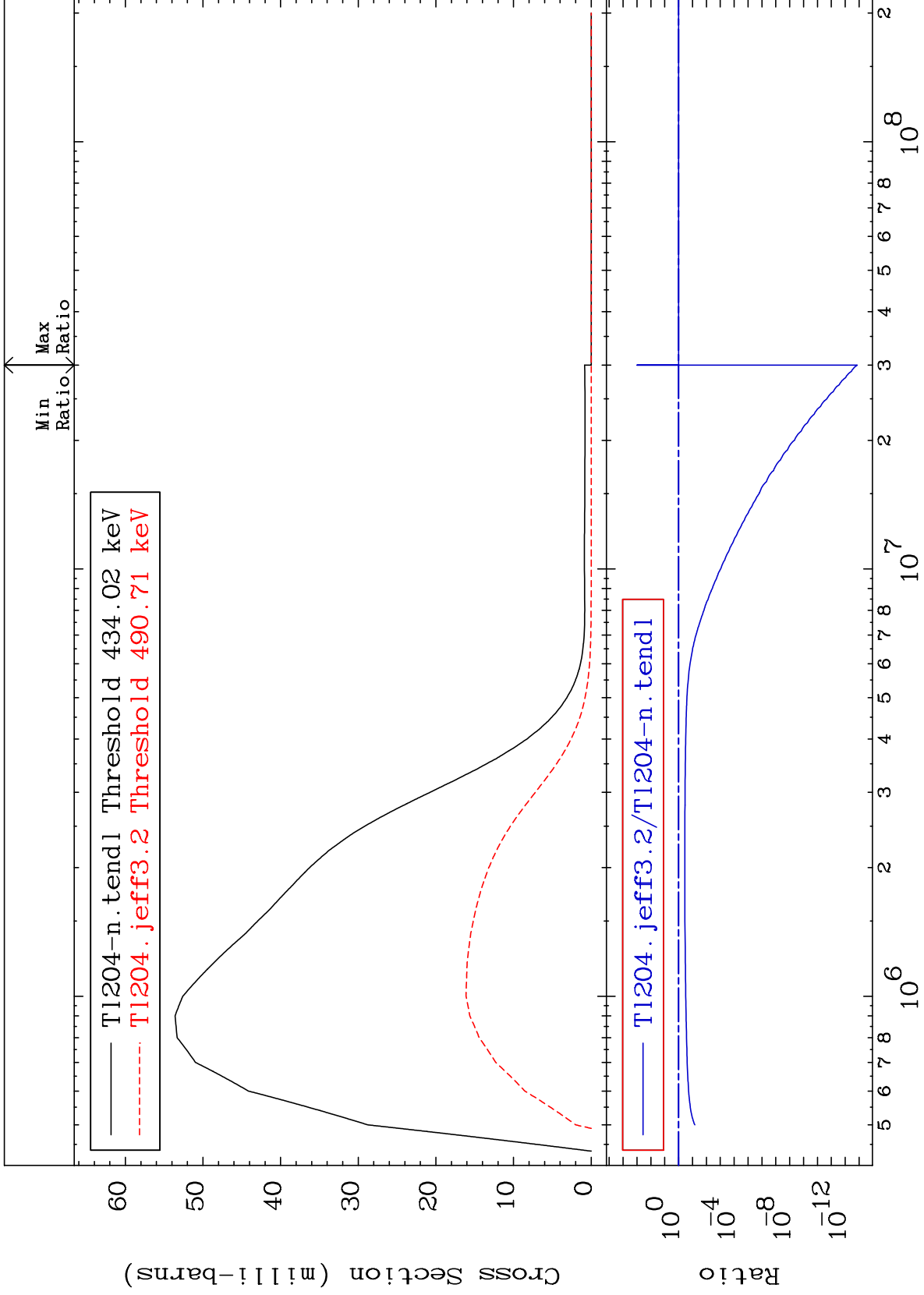
81-Tl-204  
-78.72 To 9999. %



MAT 8128

431.9 keV (n,n') Level  
Cross Section

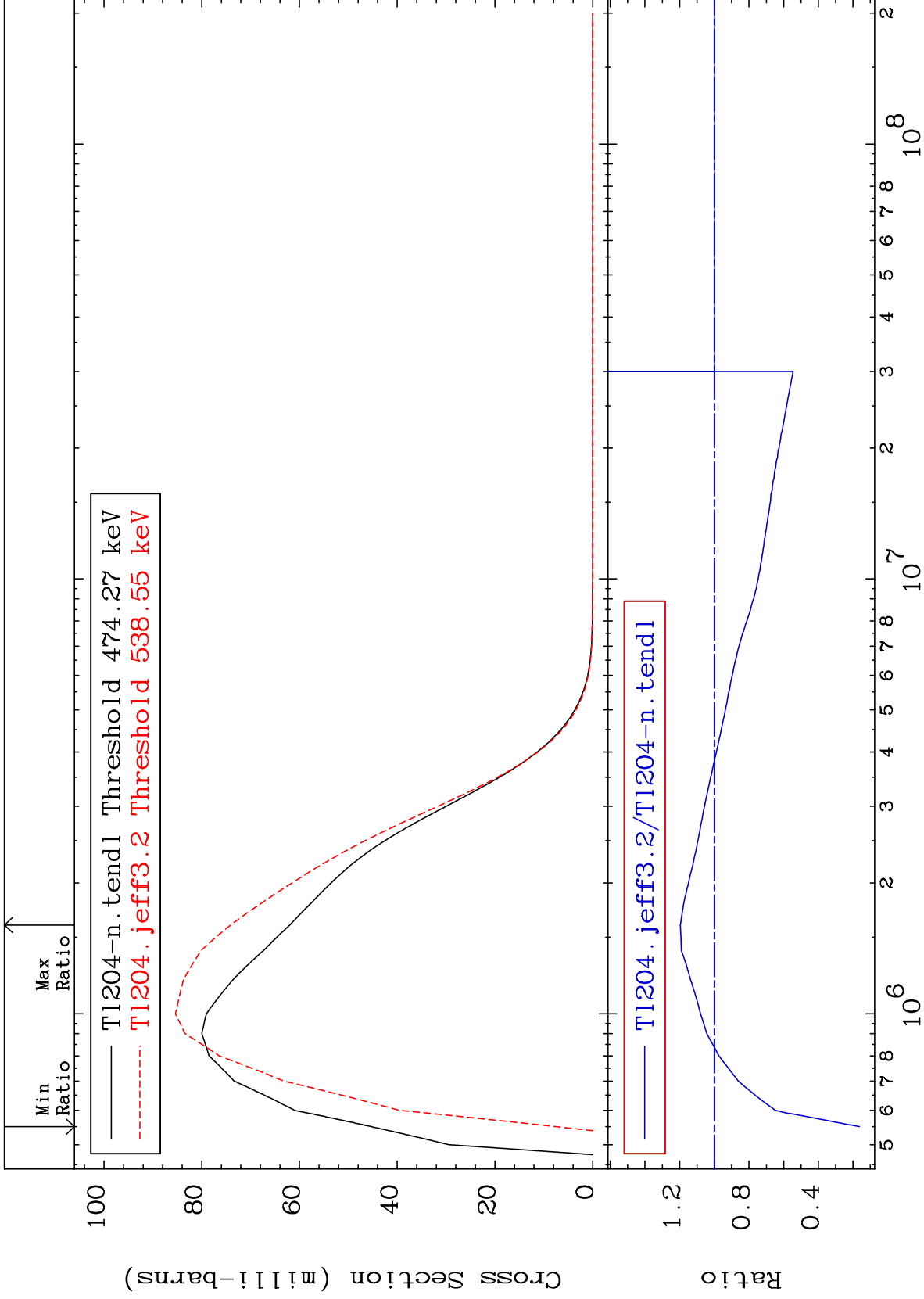
81-Tl-204  
-100.0 To 0.000 %



MAT 8128

471.9 keV (n,n') Level  
Cross Section

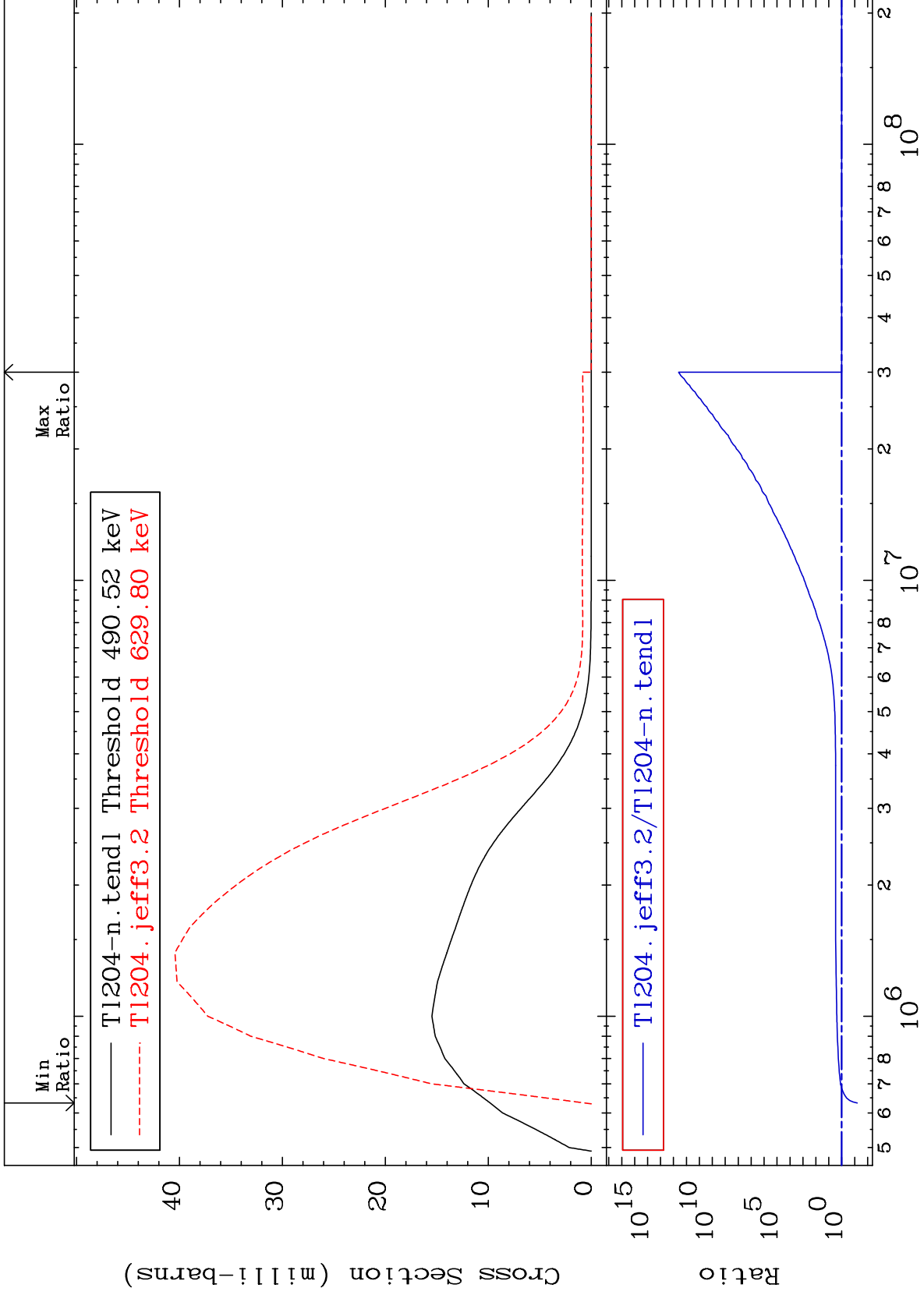
81-Tl-204  
-83.70 To 19.58 %



MAT 8128

488.1 keV (n,n') Level  
Cross Section

81-Tl-204  
-93.67 To 9999. %



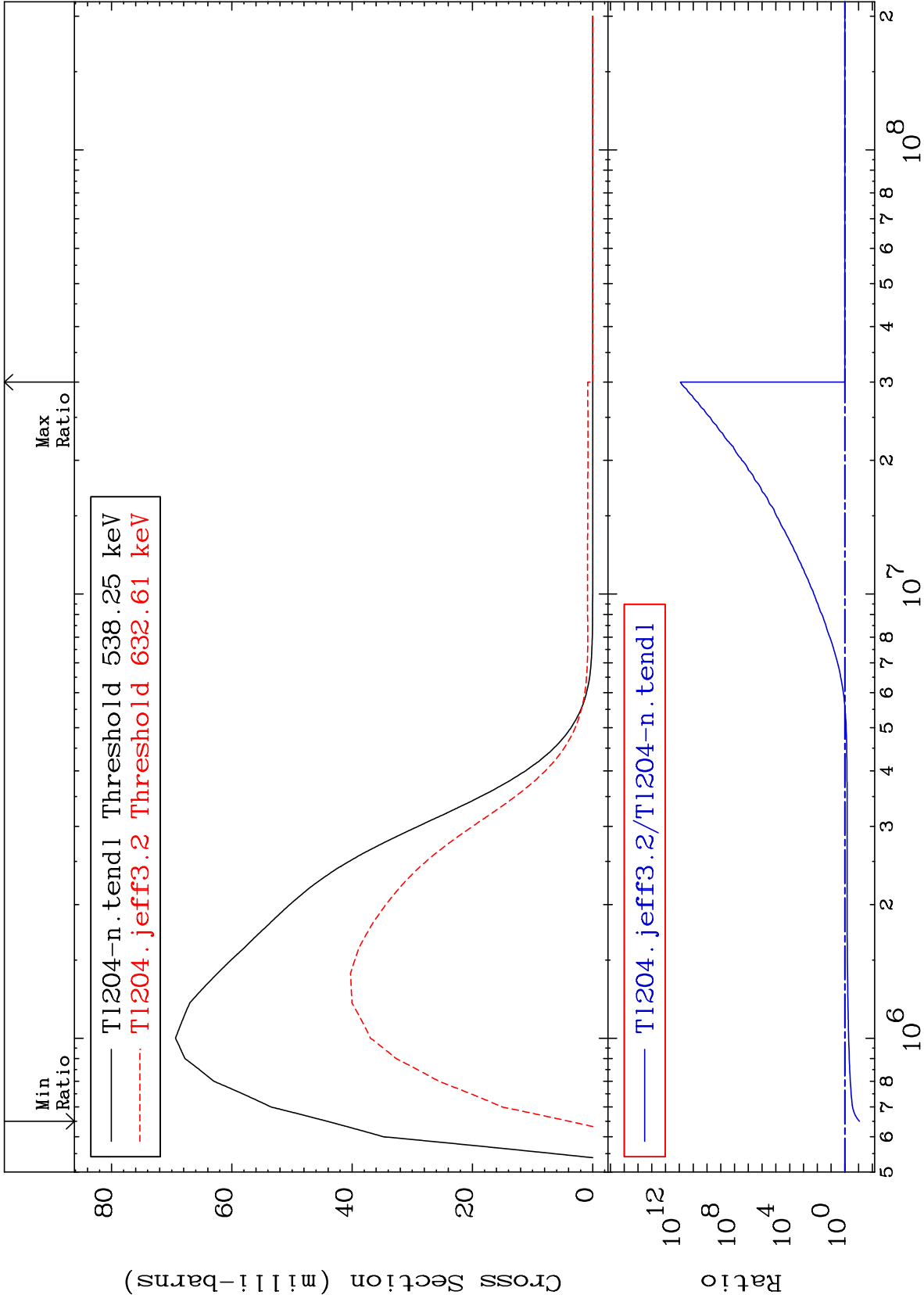
30

81-Tl-204

MAT 8128

535.6 keV (n,n') Level  
Cross Section

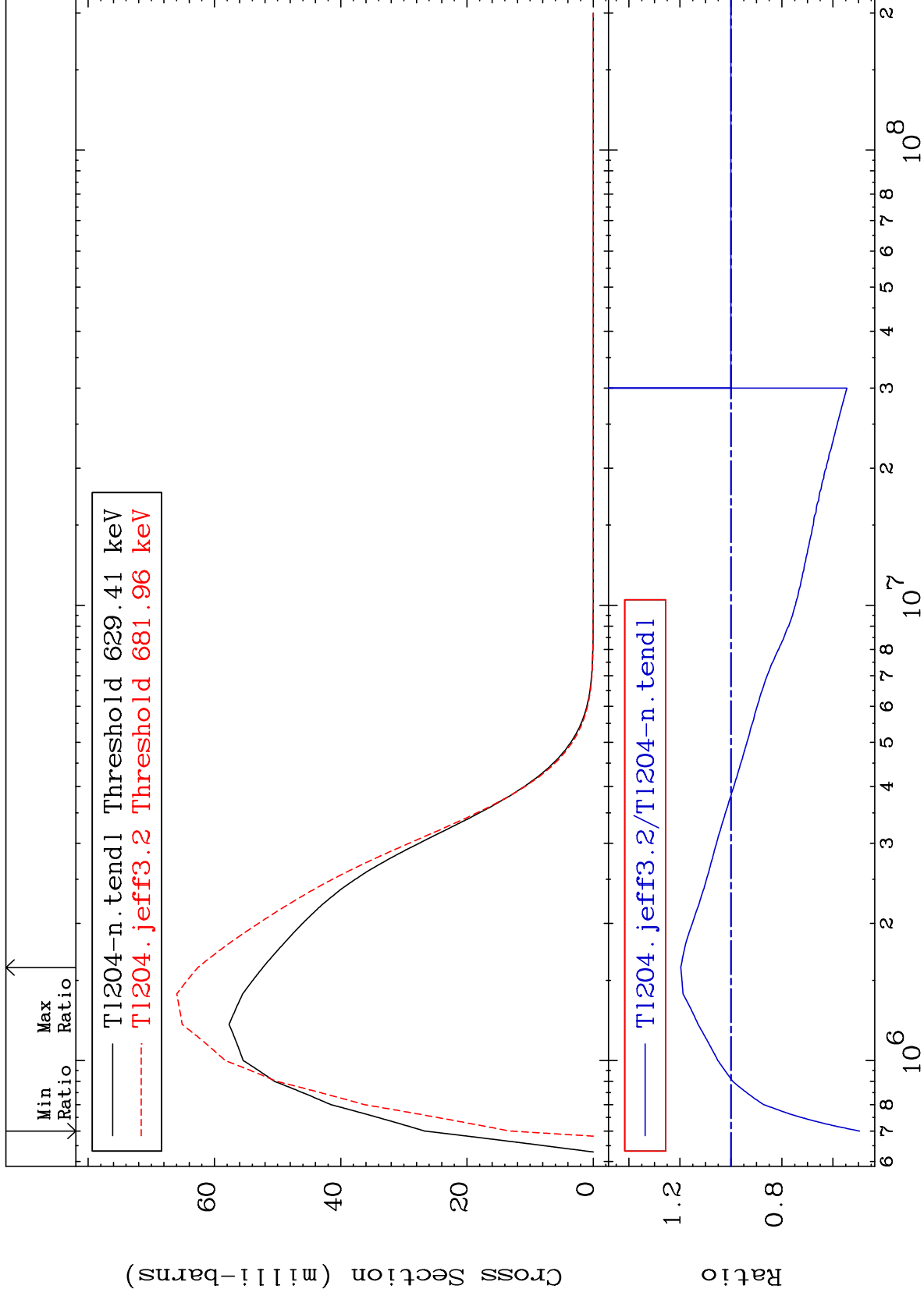
81-Tl-204  
-91.22 To 9999. %



MAT 8128

626.3 keV (n,n') Level  
Cross Section

81-Tl-204  
-50.42 To 19.69 %



32

Incident Energy (eV)

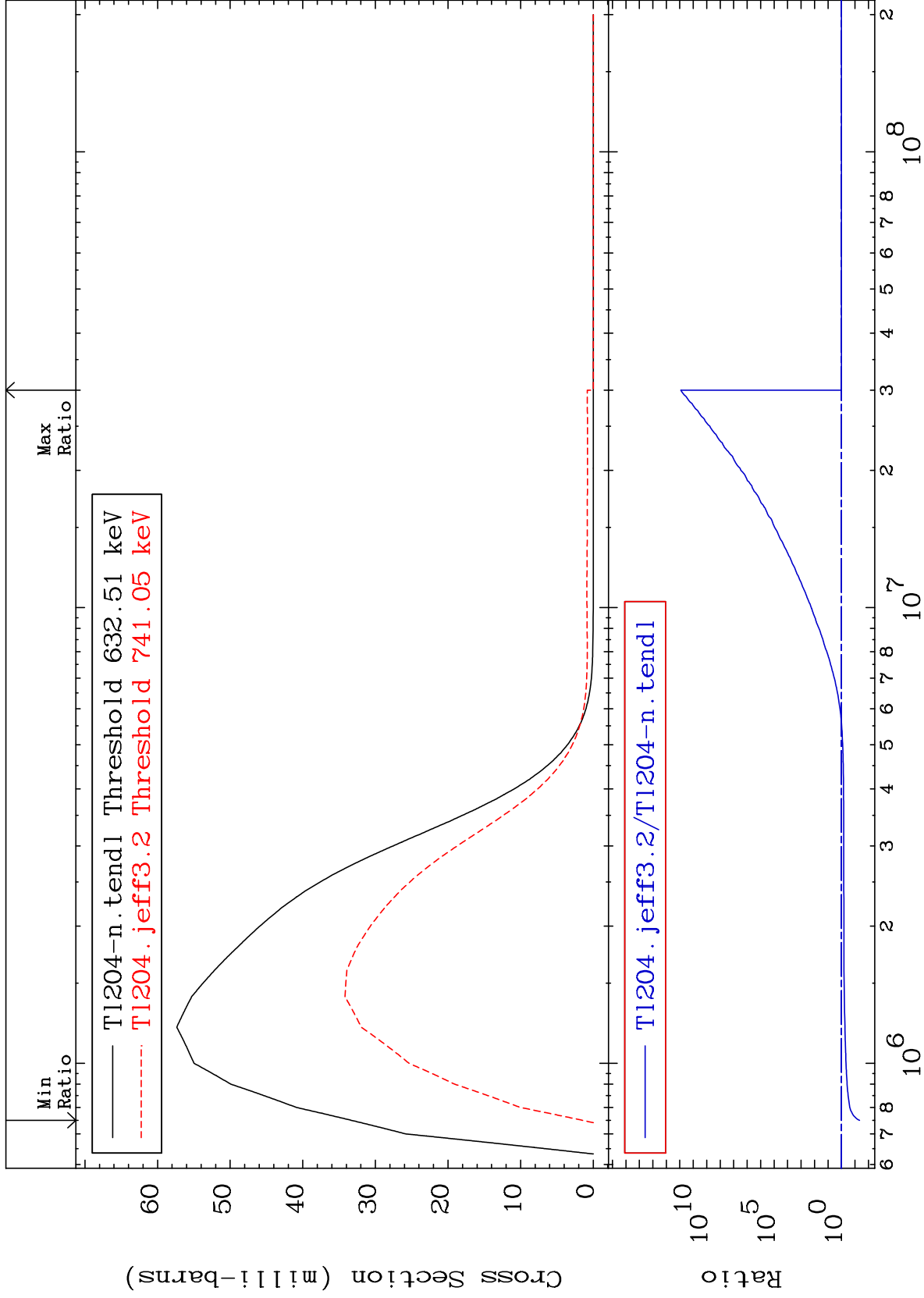
81-Tl-204



MAT 8128

629.4 keV (n,n') Level  
Cross Section

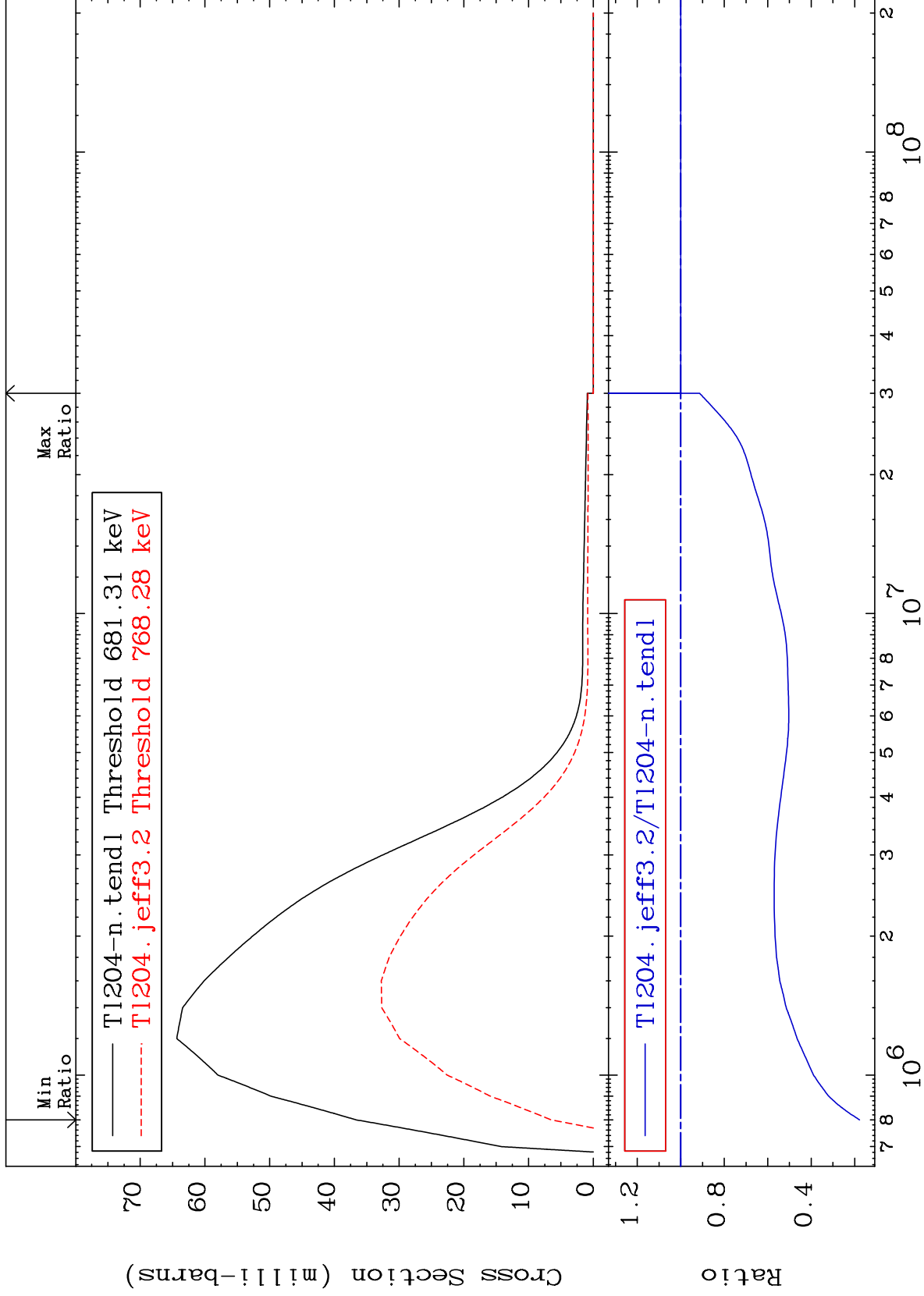
81-Tl-204  
-95.43 To 9999. %



MAT 8128

678.0 keV (n,n') Level  
Cross Section

81-Tl-204  
-82.23 To 0.000 %



34

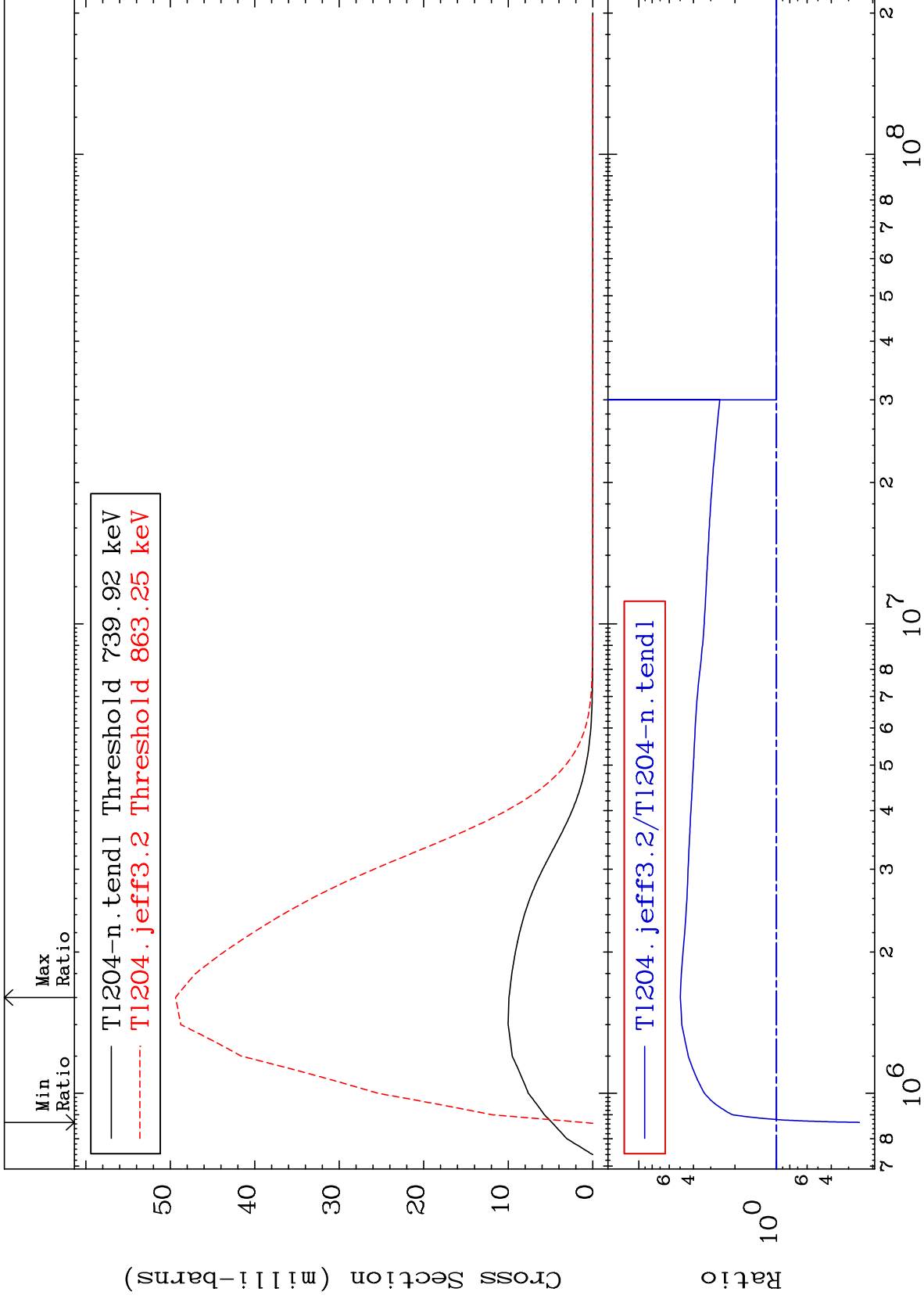
Incident Energy (eV)

81-Tl-204

MAT 8128

736.3 keV (n,n') Level  
Cross Section

81-Tl-204  
-75.01 To 398.7 %



35

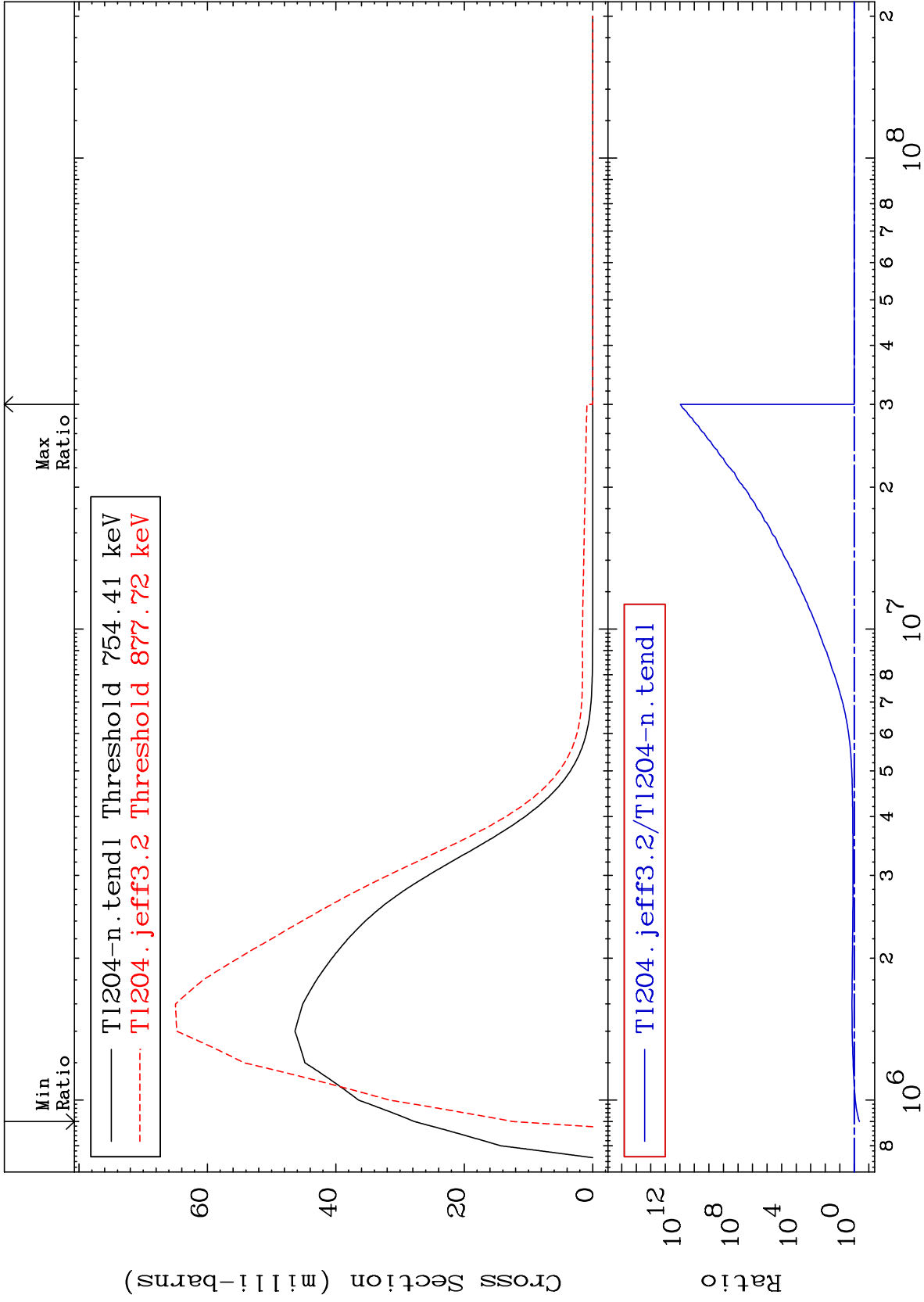
Incident Energy (eV)

81-Tl-204

MAT 8128

750.7 keV (n,n') Level  
Cross Section

81-Tl-204  
-55.52 To 9999. %



36

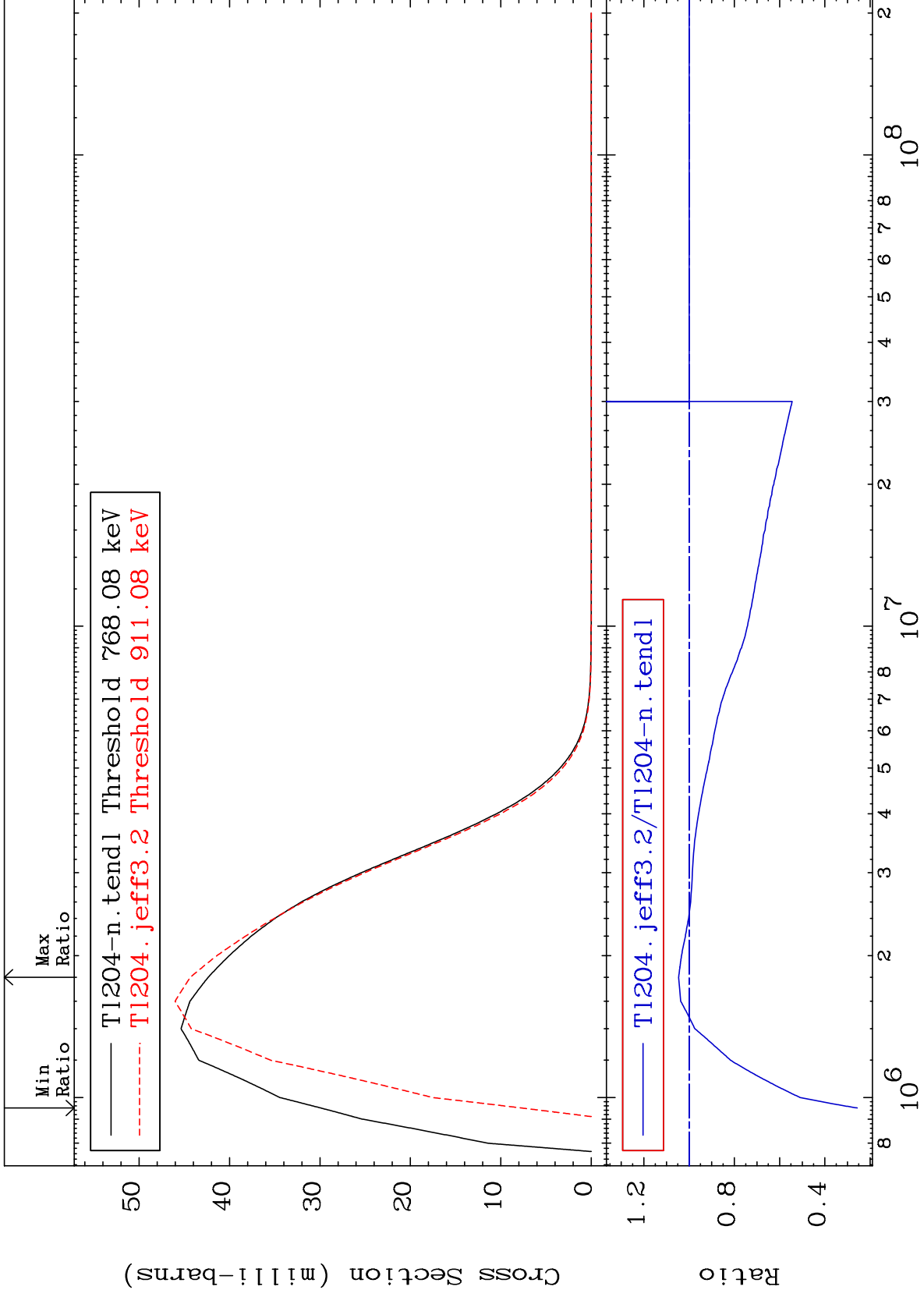
Incident Energy (eV)

81-Tl-204

MAT 8128

764.3 keV (n,n') Level  
Cross Section

81-Tl-204  
-74.32 To 4.641 %



37

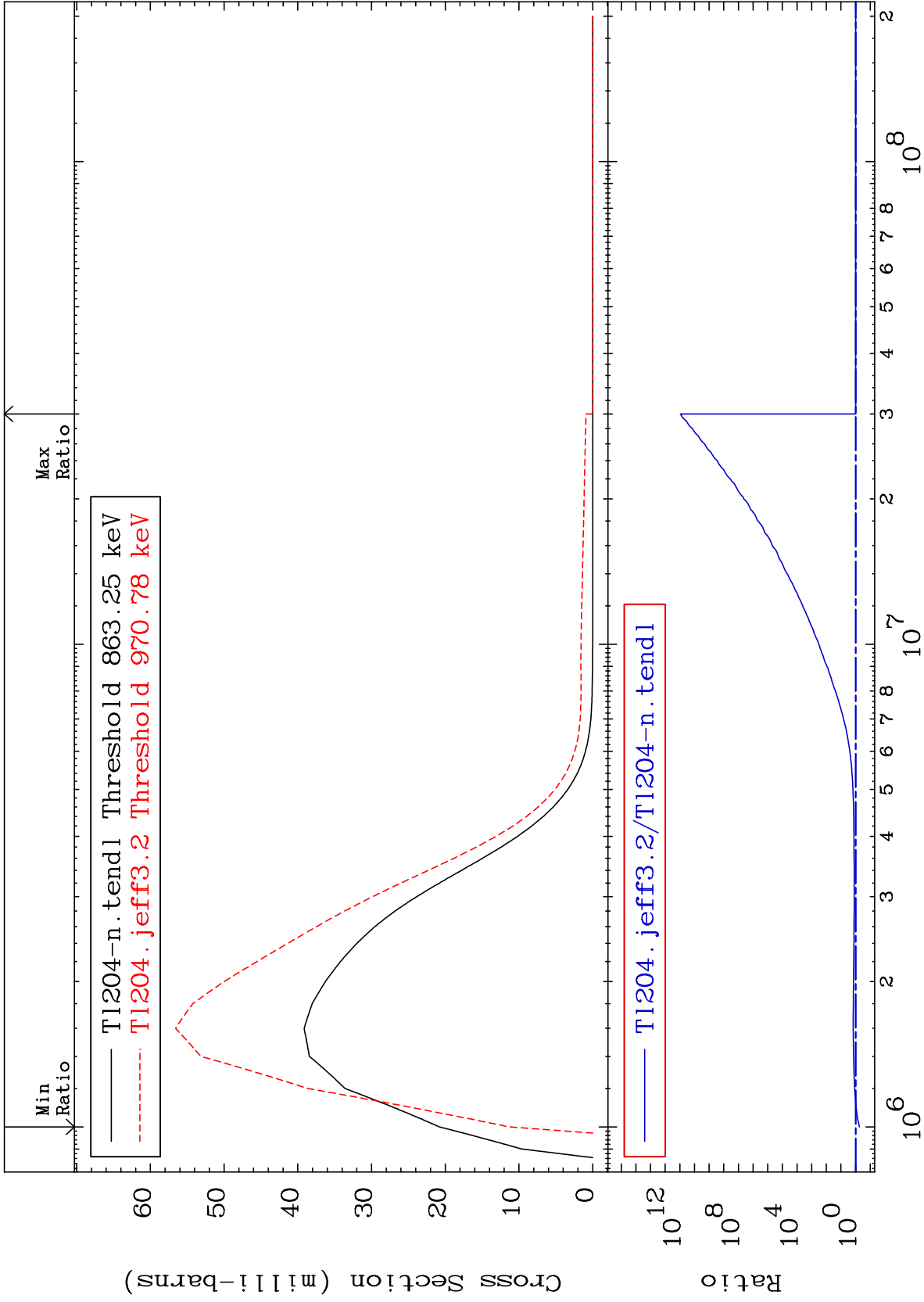
Incident Energy (eV)

81-Tl-204

MAT 8128

859.0 keV (n,n') Level  
Cross Section

81-Tl-204  
-45.47 To 9999. %



38

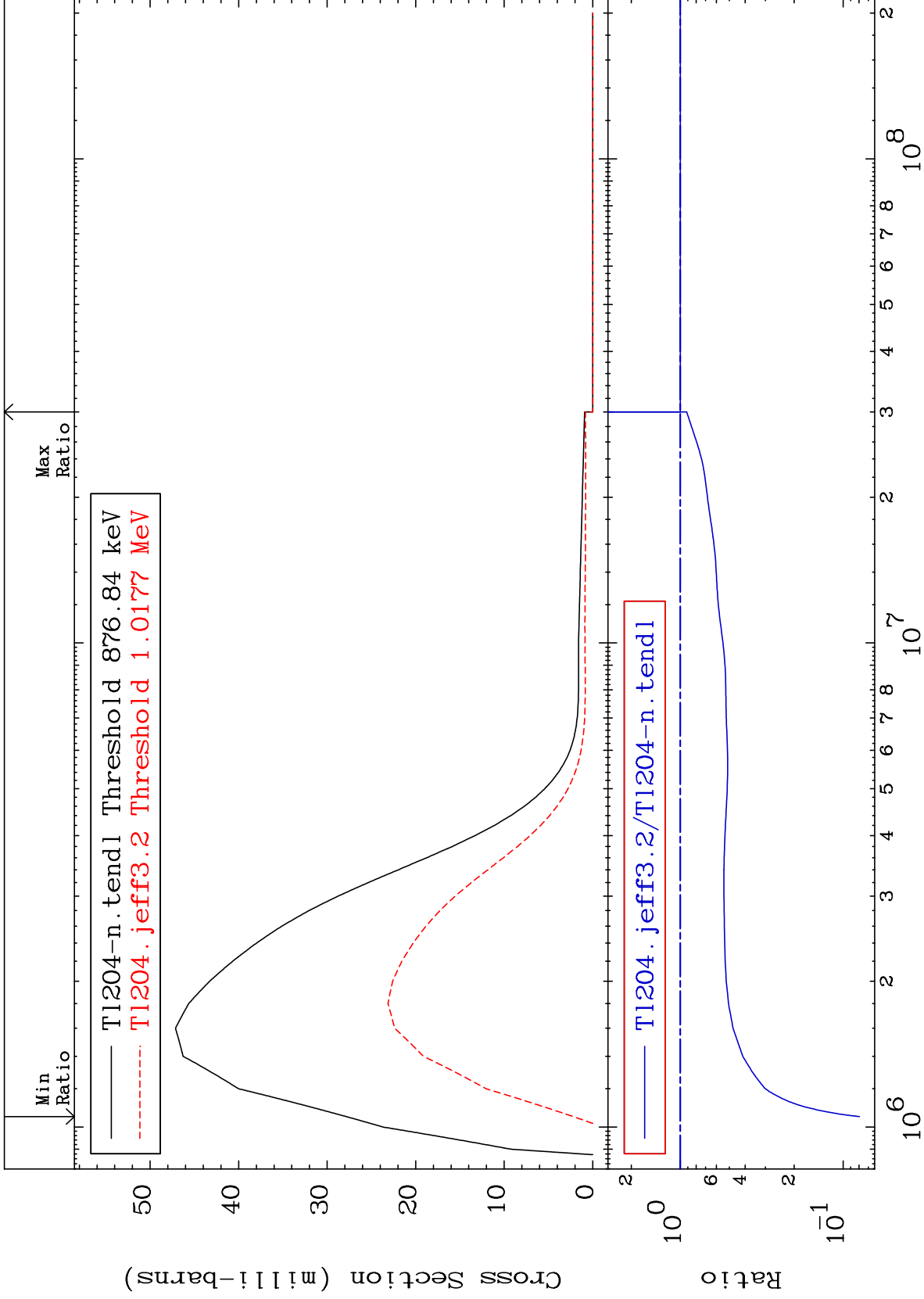
Incident Energy (eV)

81-Tl-204

MAT 8128

872.5 keV (n,n') Level  
Cross Section

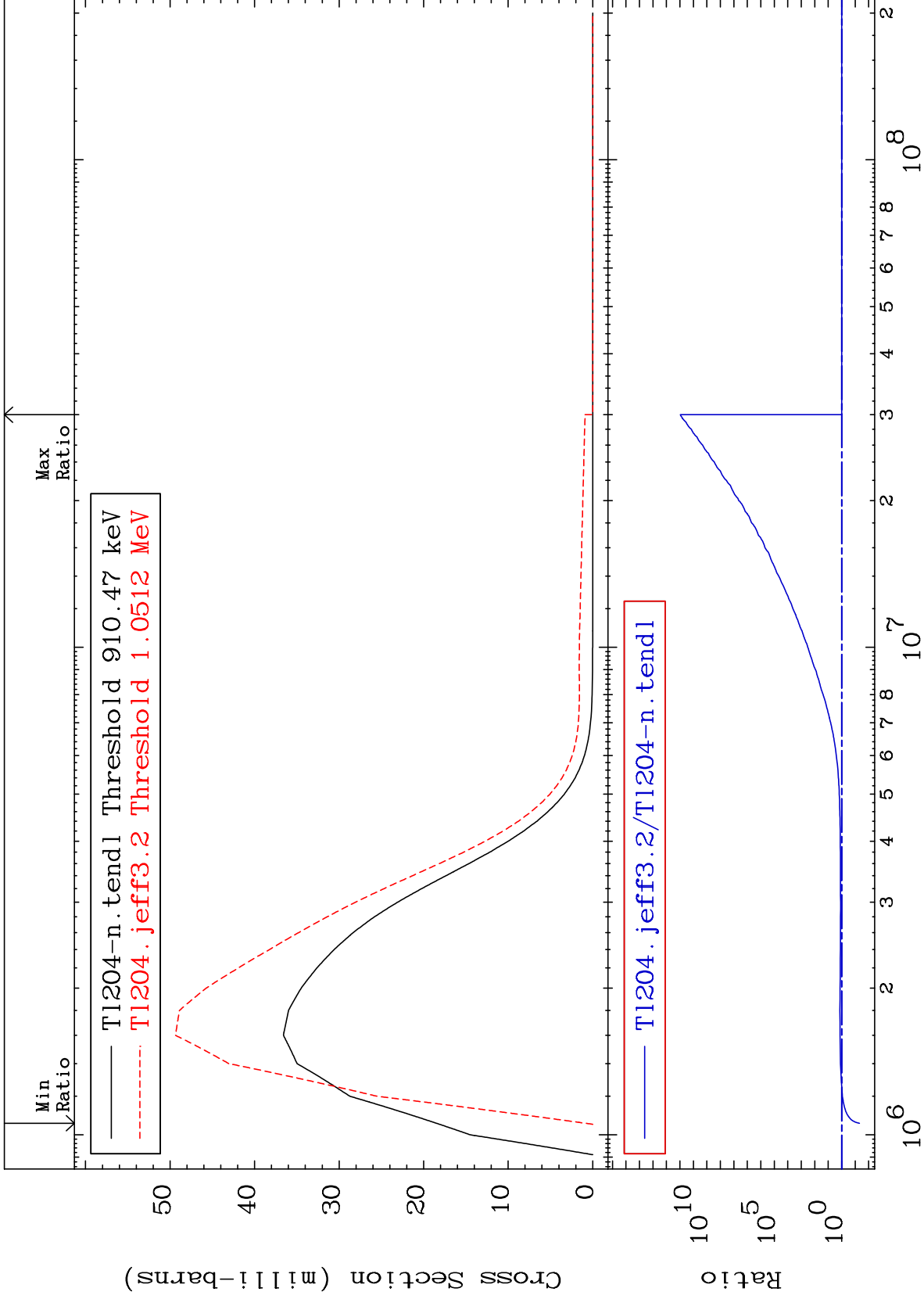
81-Tl-204  
-92.06 To 0.000 %



MAT 8128

906.0 keV (n,n') Level  
Cross Section

81-Tl-204  
-95.15 To 9999. %



Incident Energy (eV)

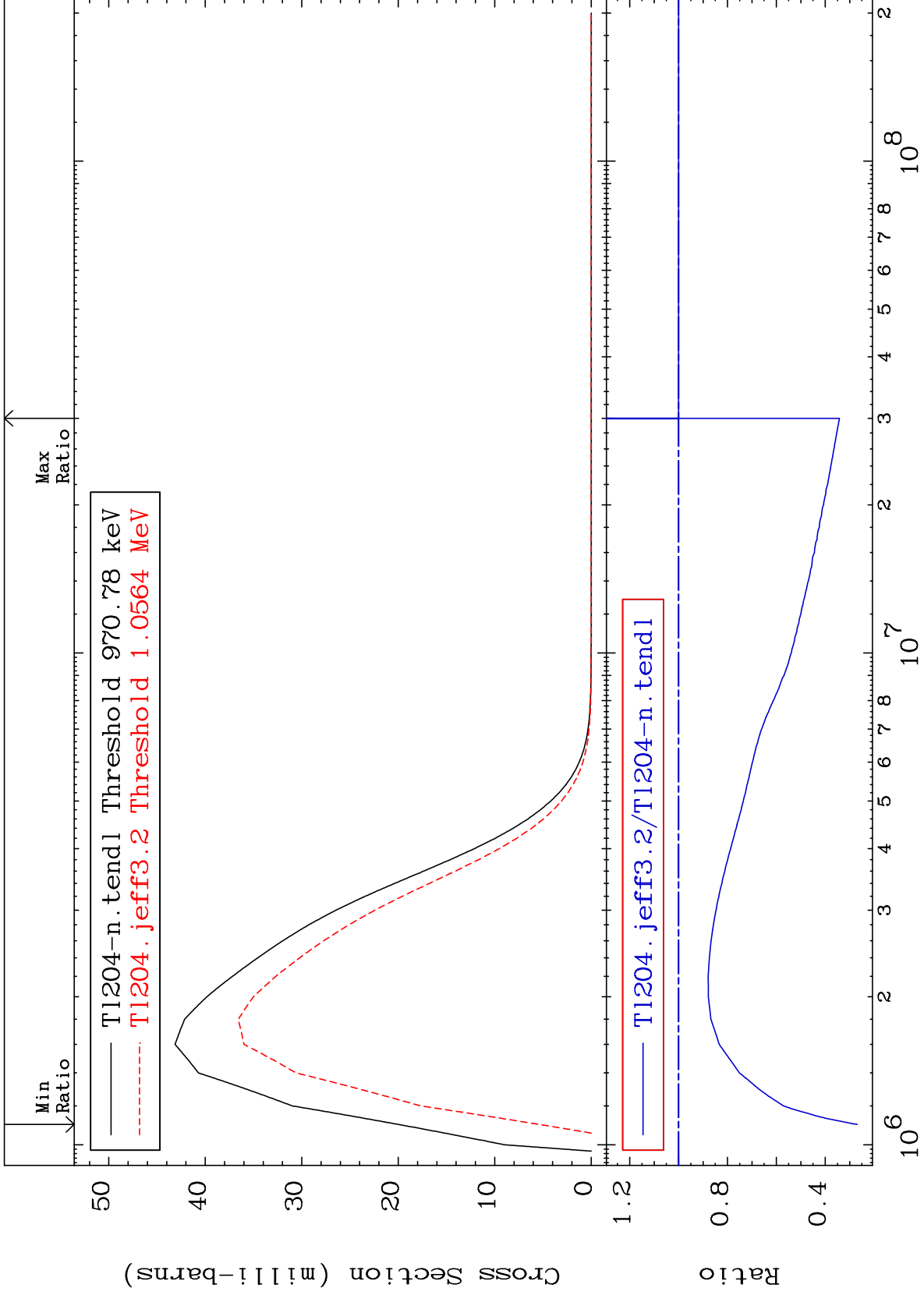
81-Tl-204



MAT 8128

966.0 keV (n,n') Level  
Cross Section

81-Tl-204  
-73.09 To 0.000 %



41

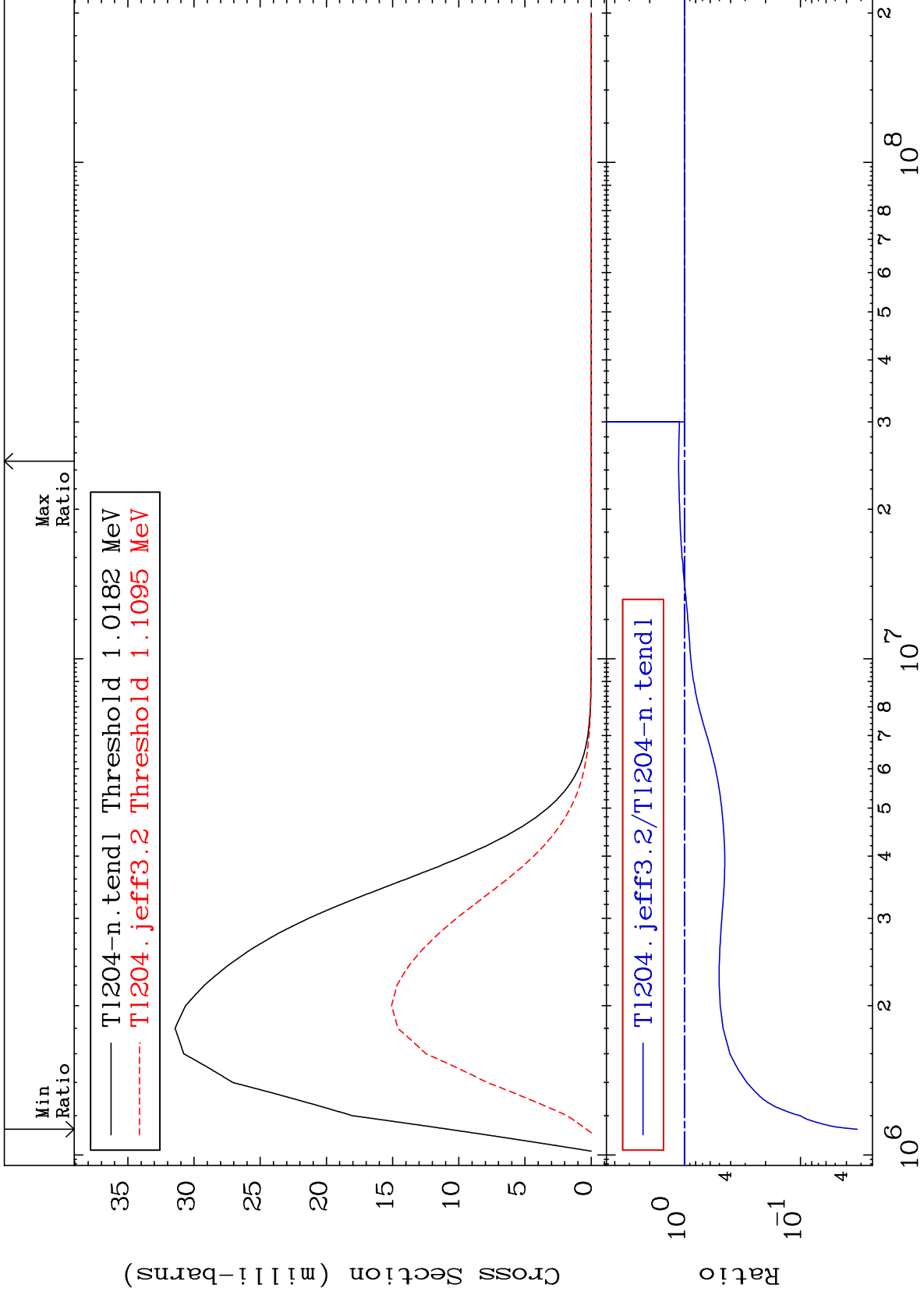
Incident Energy (eV)

81-Tl-204

MAT 8128

1.013 MeV (n,n') Level  
Cross Section

81-Tl-204  
-96.77 To 12.39 %



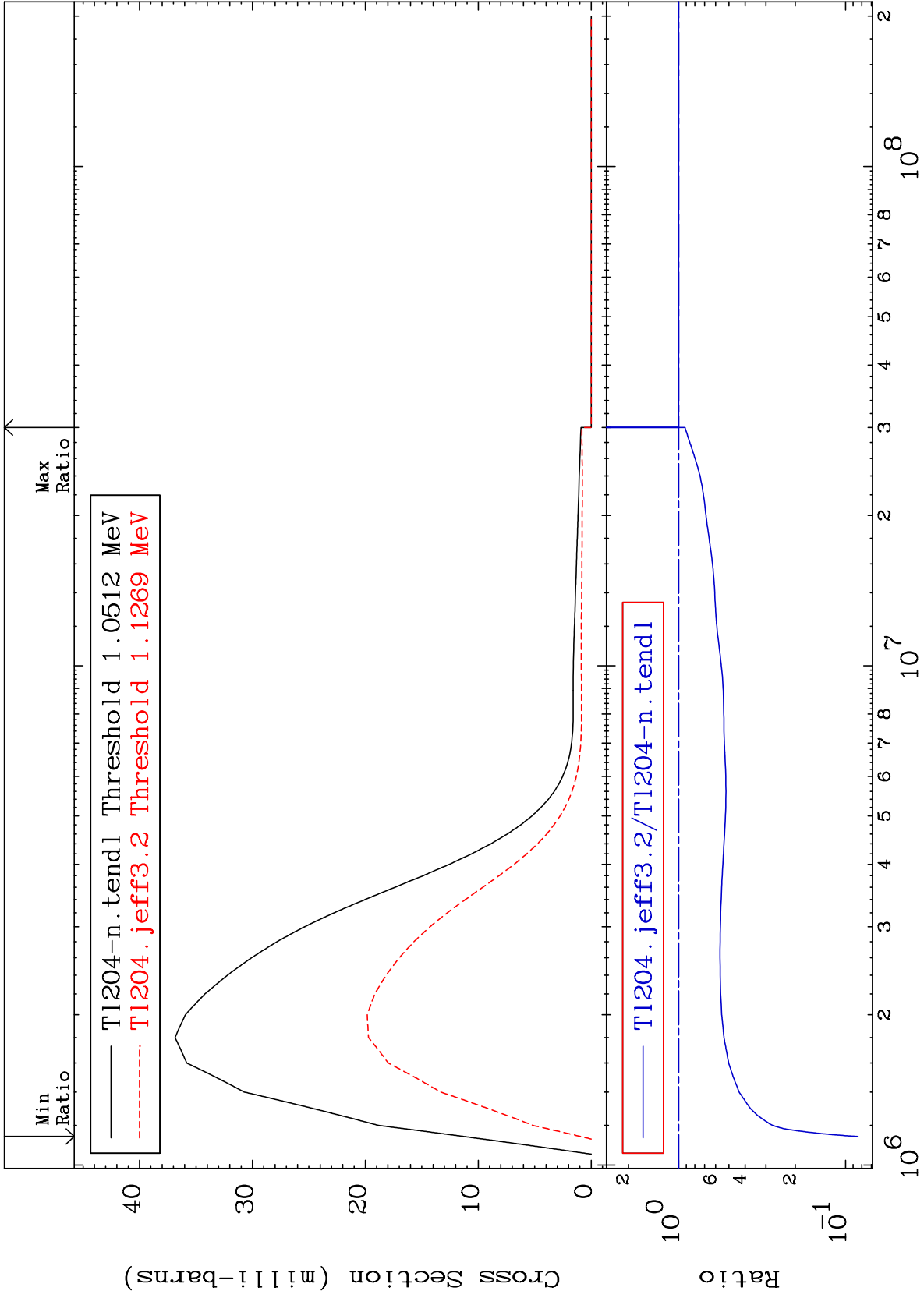
42

81-Tl-204

MAT 8128

1.046 MeV (n,n') Level  
Cross Section

81-Tl-204  
-91.49 To 0.000 %



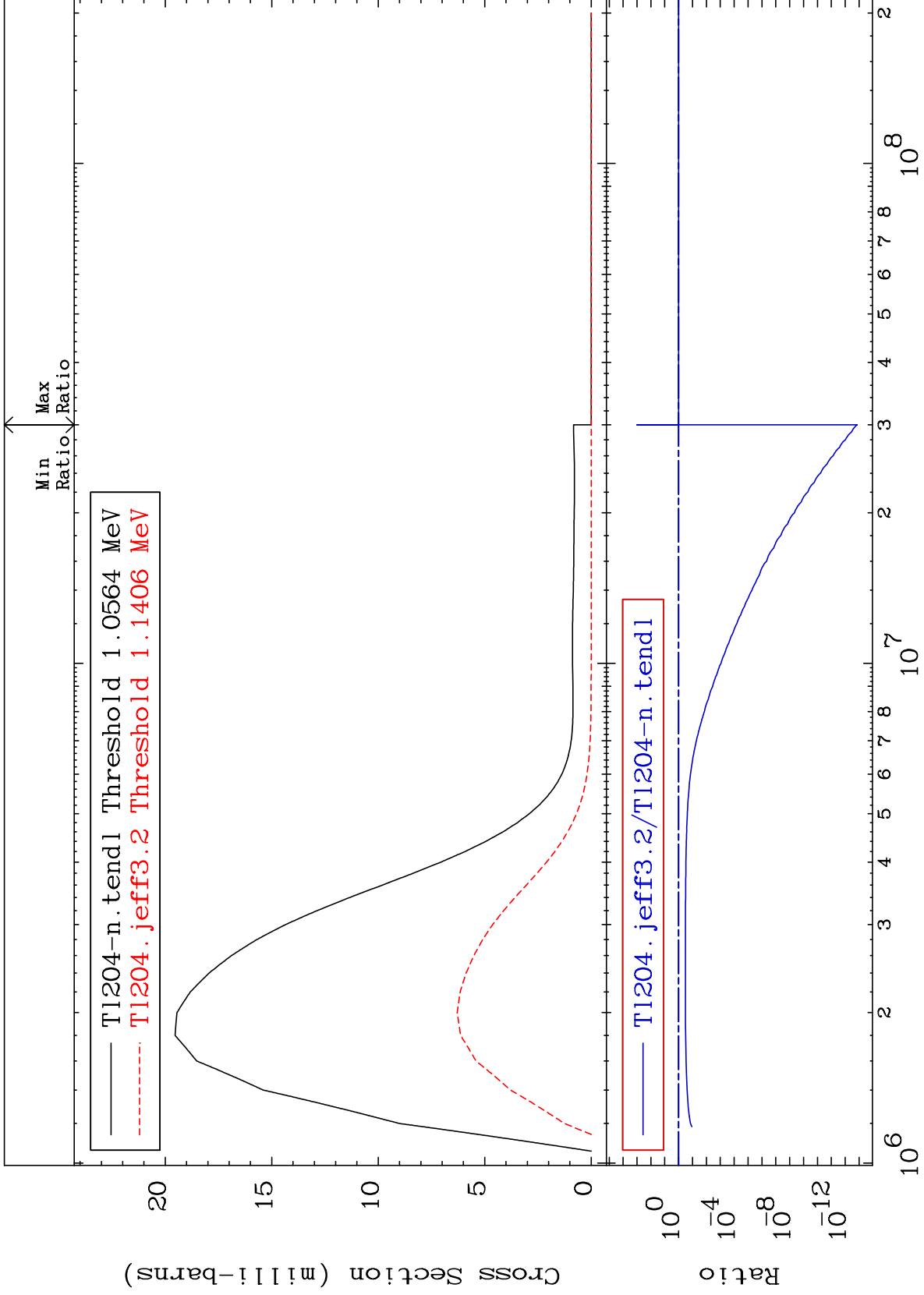
43

81-Tl-204

MAT 8128

1.051 MeV (n,n') Level  
Cross Section

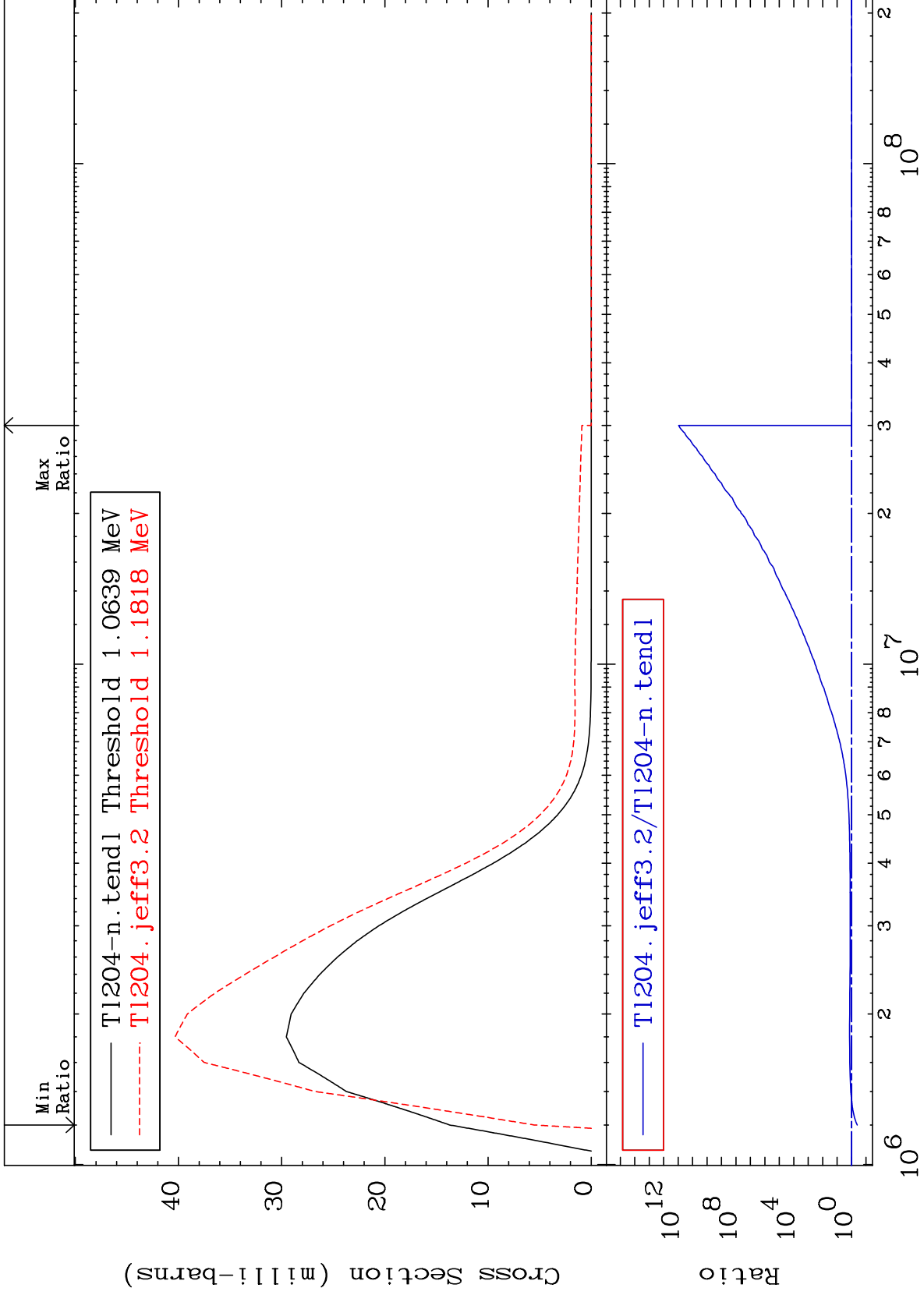
81-Tl-204  
-100.0 To 0.000 %



MAT 8128

1.059 MeV (n,n') Level  
Cross Section

81-Tl-204  
-59.70 To 9999. %



45

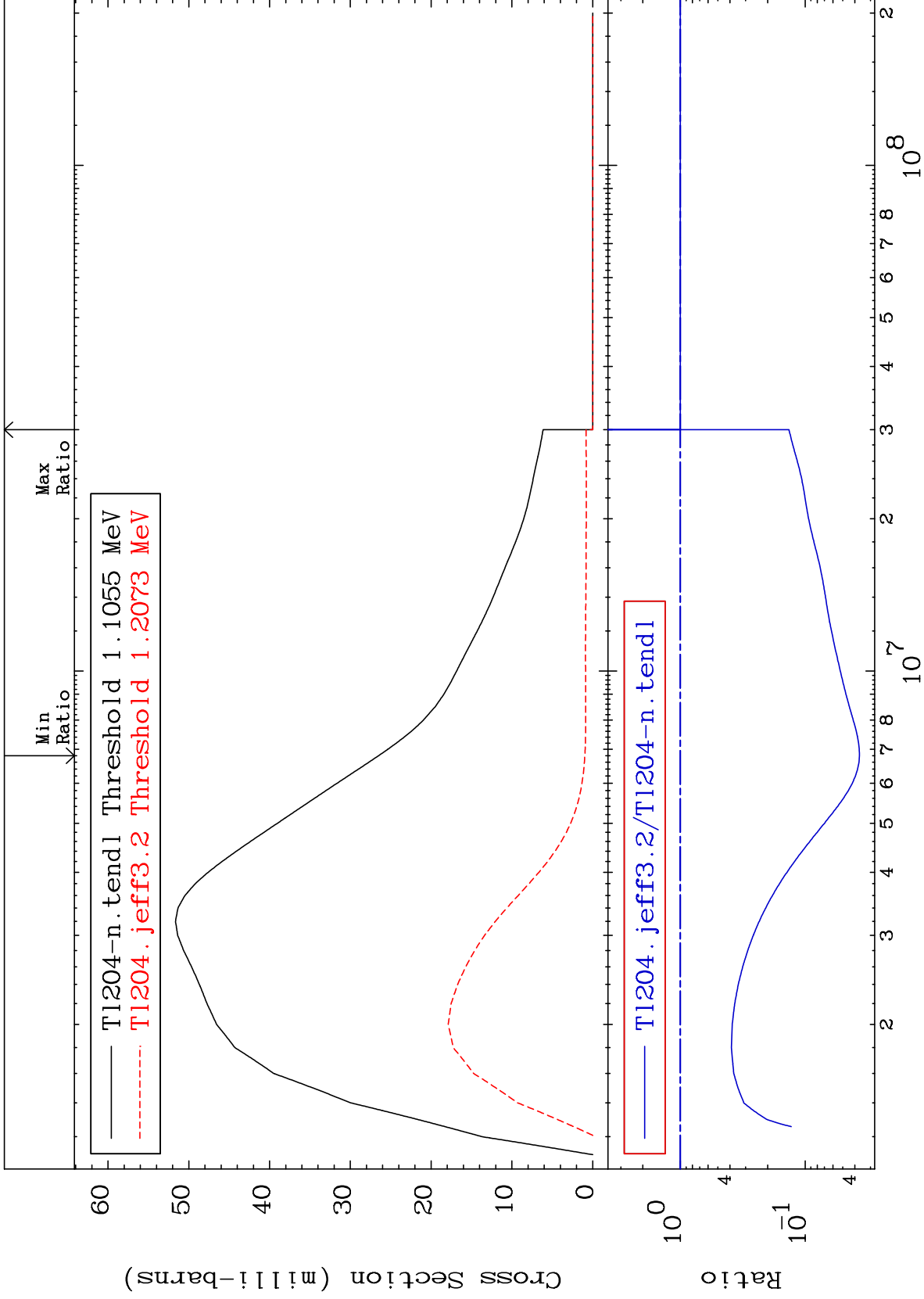
Incident Energy (eV)

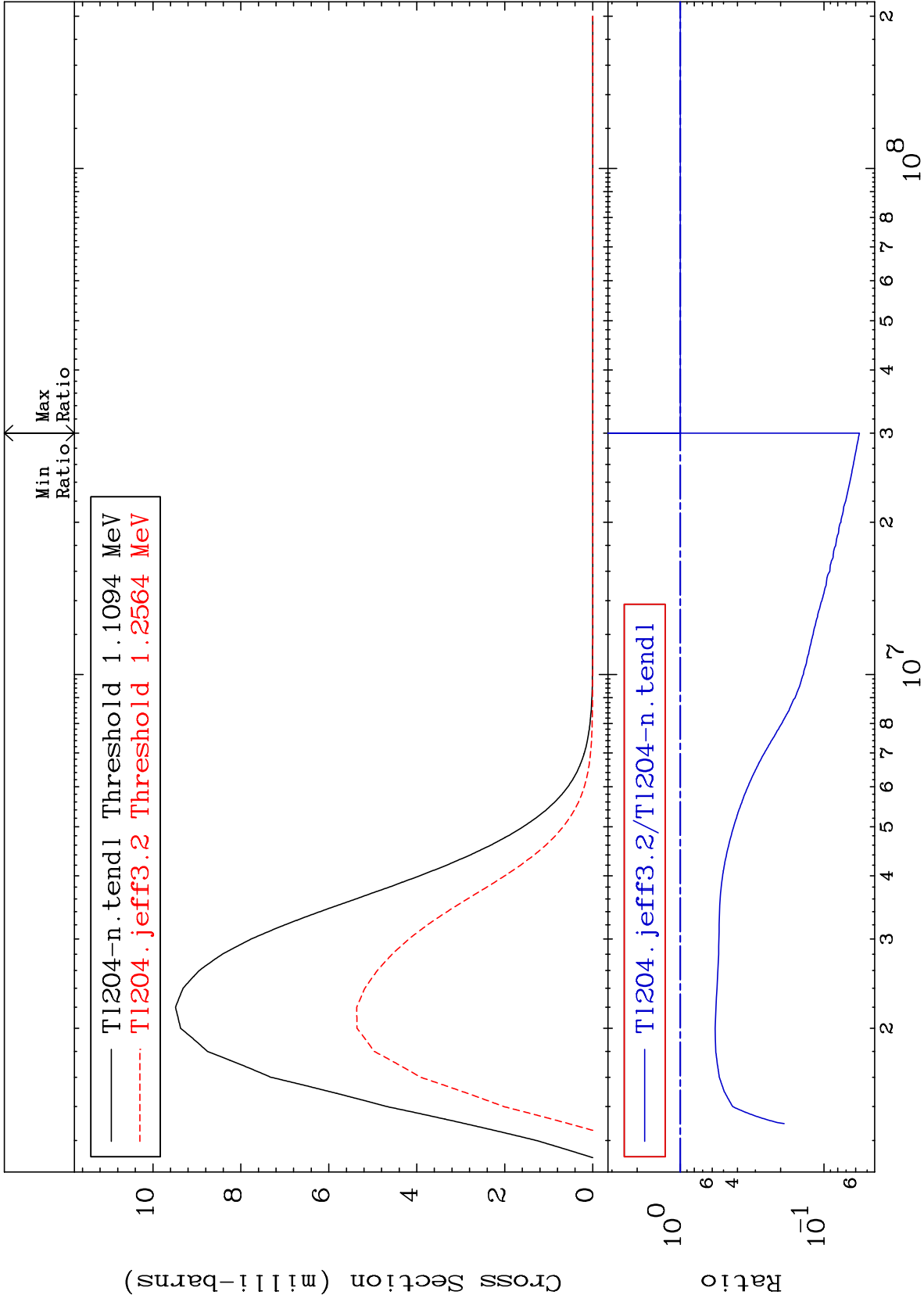
81-Tl-204

MAT 8128

1.100 MeV (n,n') Level  
Cross Section

81-Tl-204  
-96.33 To 0.000 %

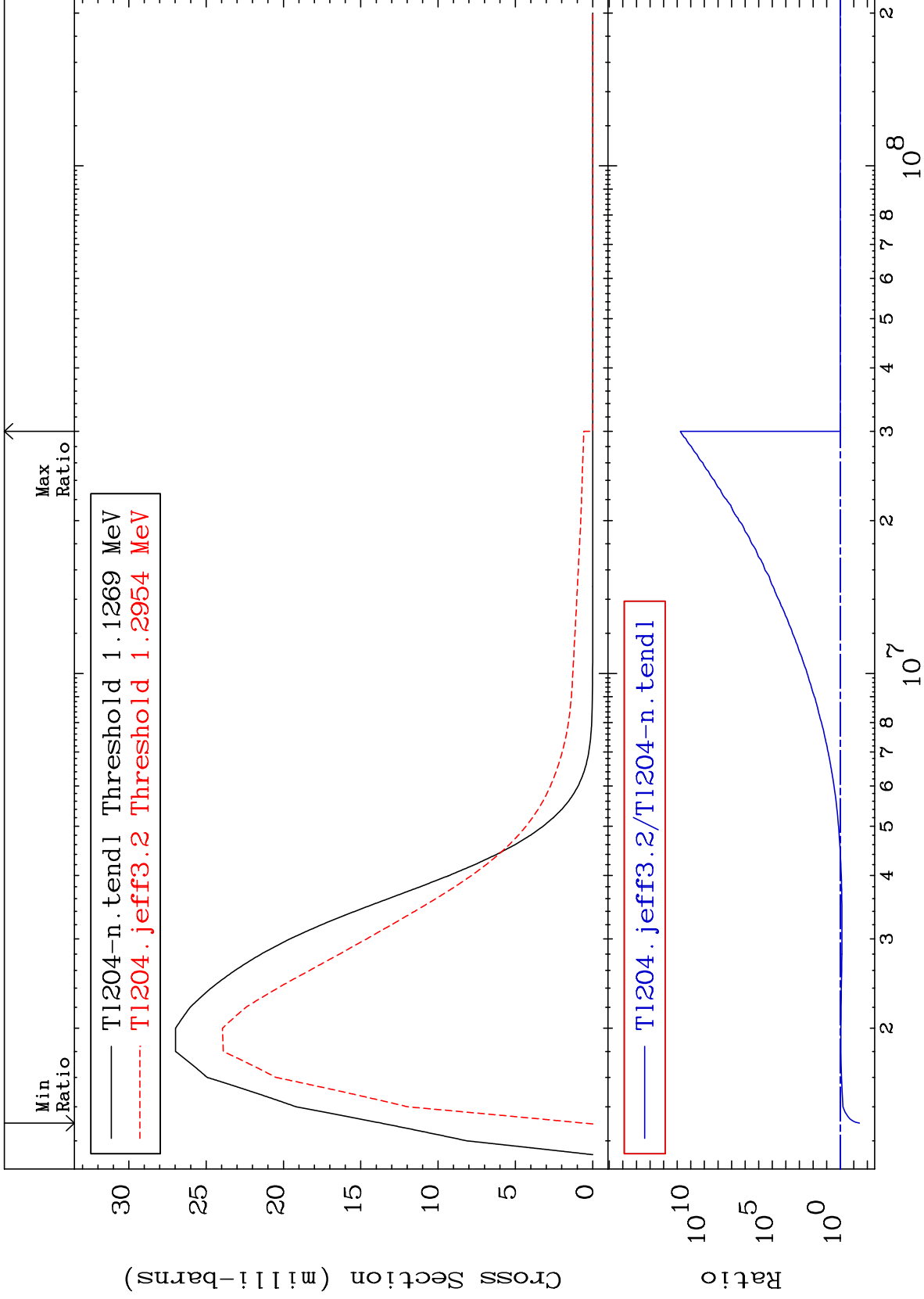




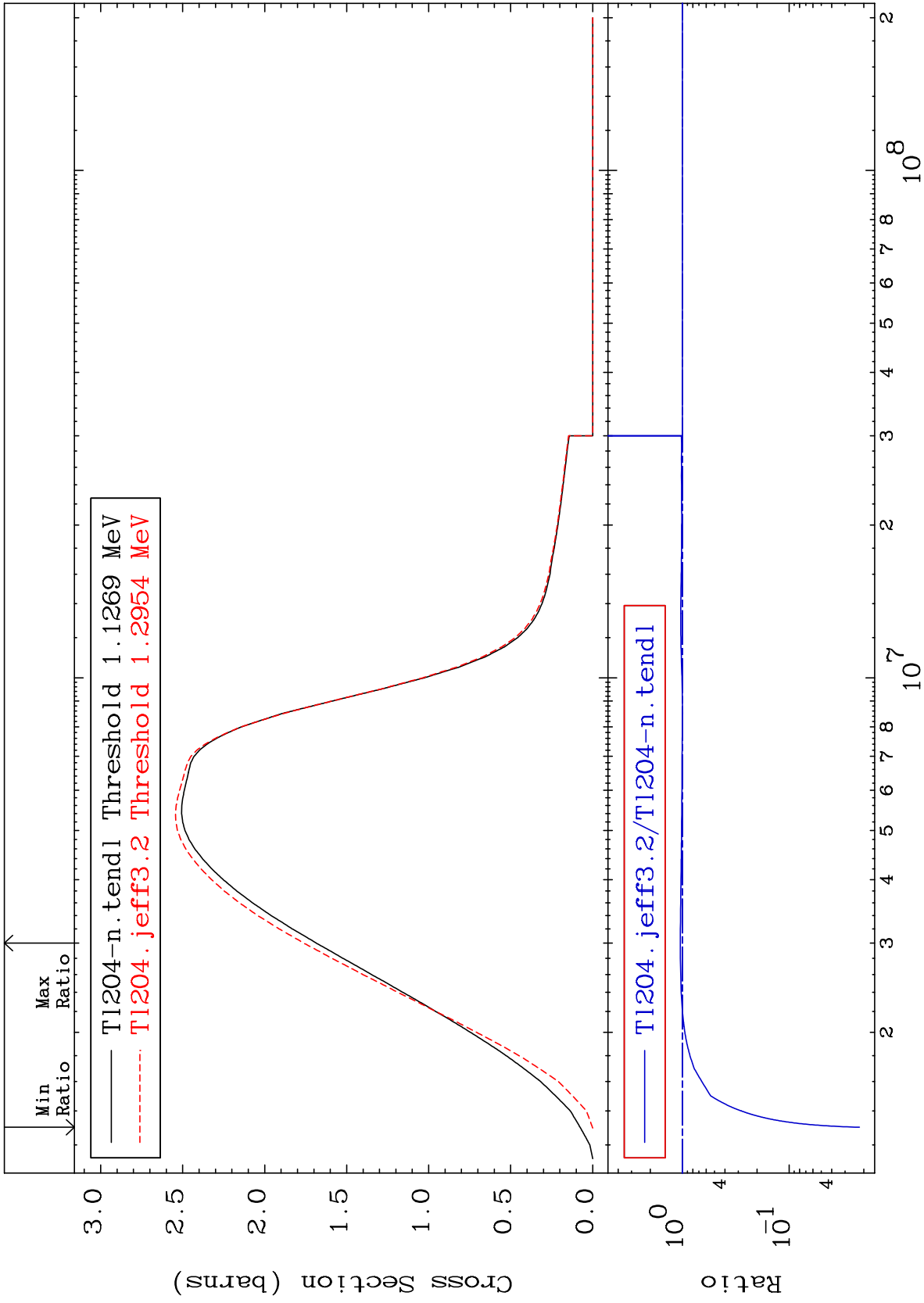
MAT 8128

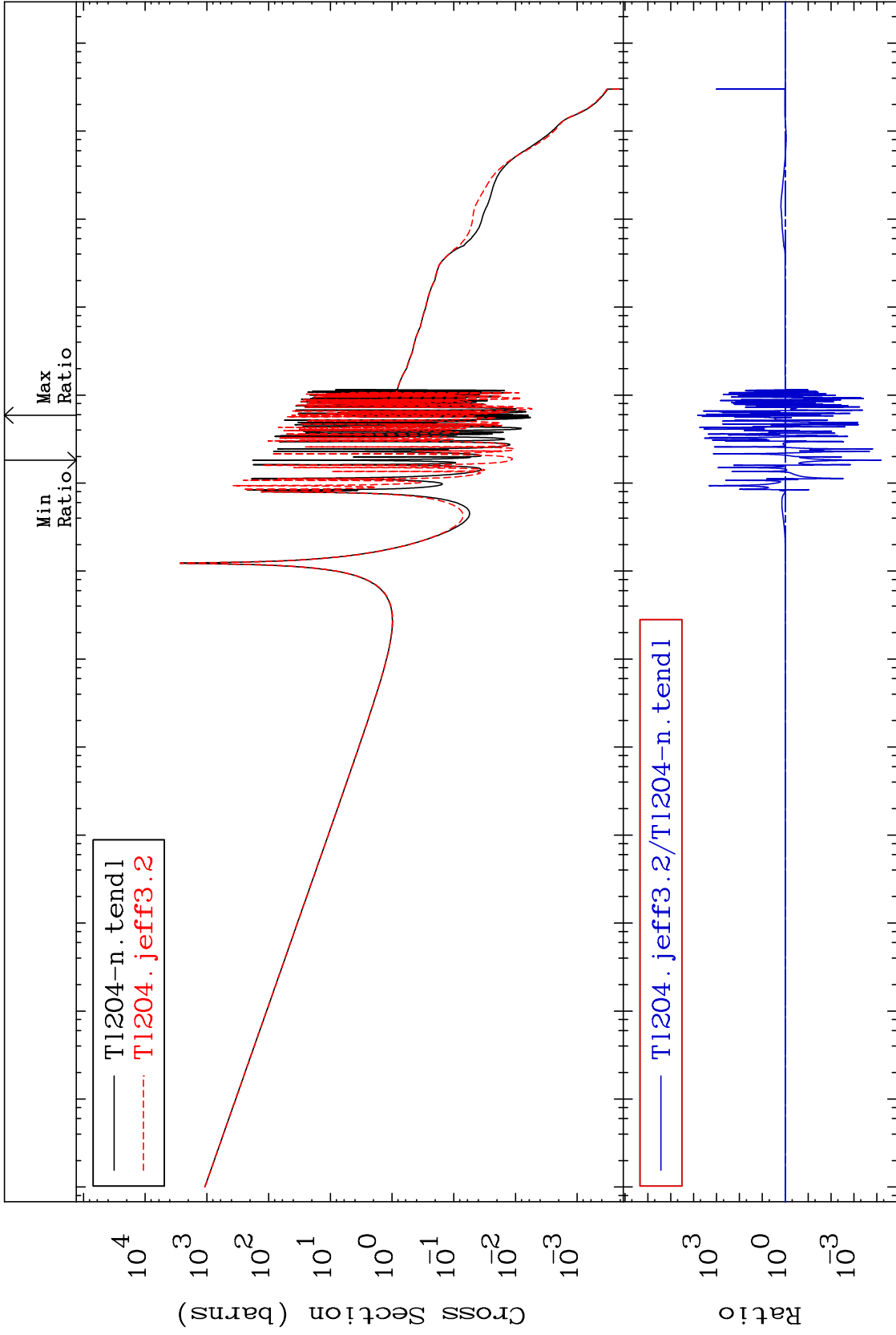
1.121 MeV (n,n') Level  
Cross Section

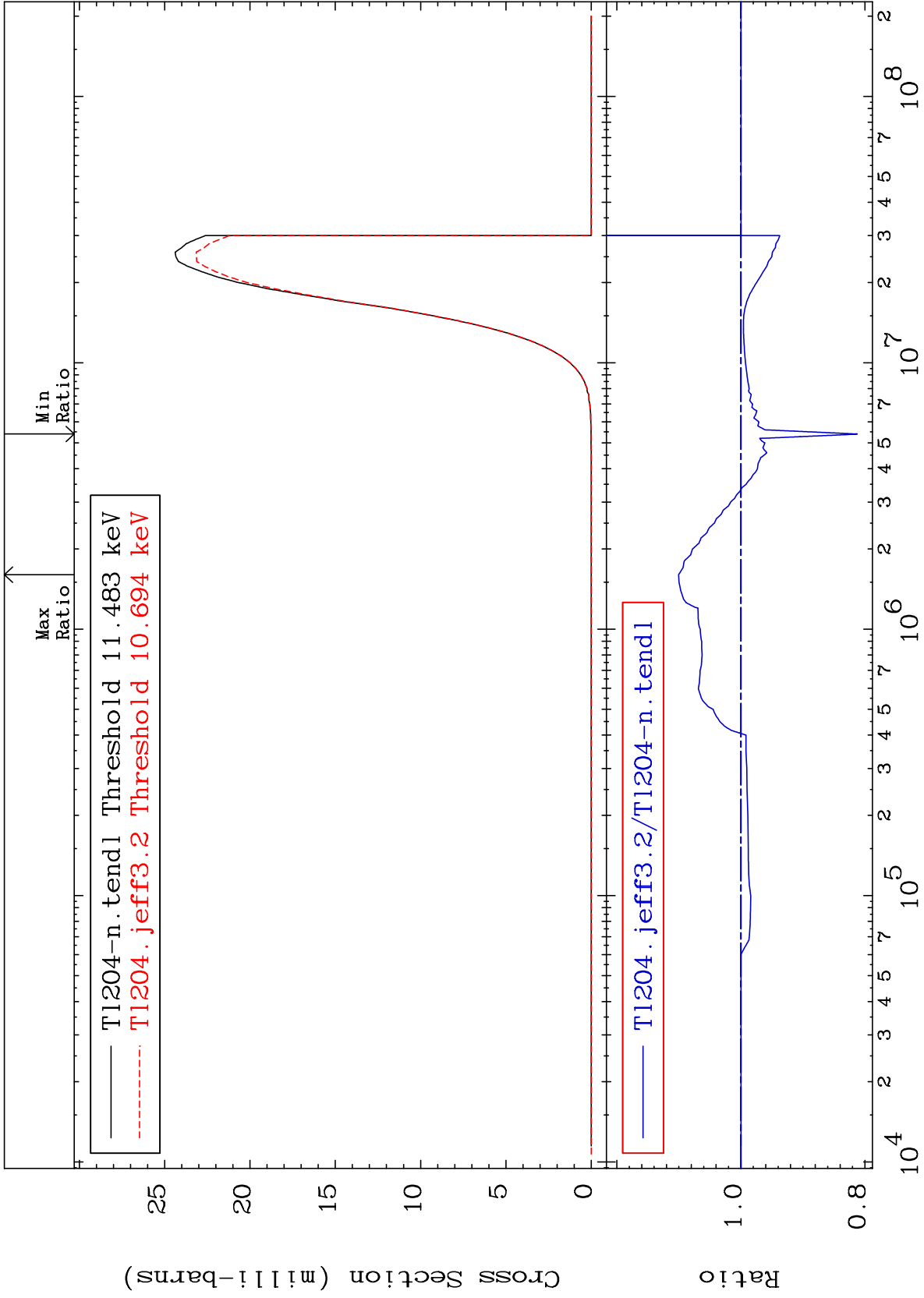
81-Tl-204  
-96.14 To 9999. %

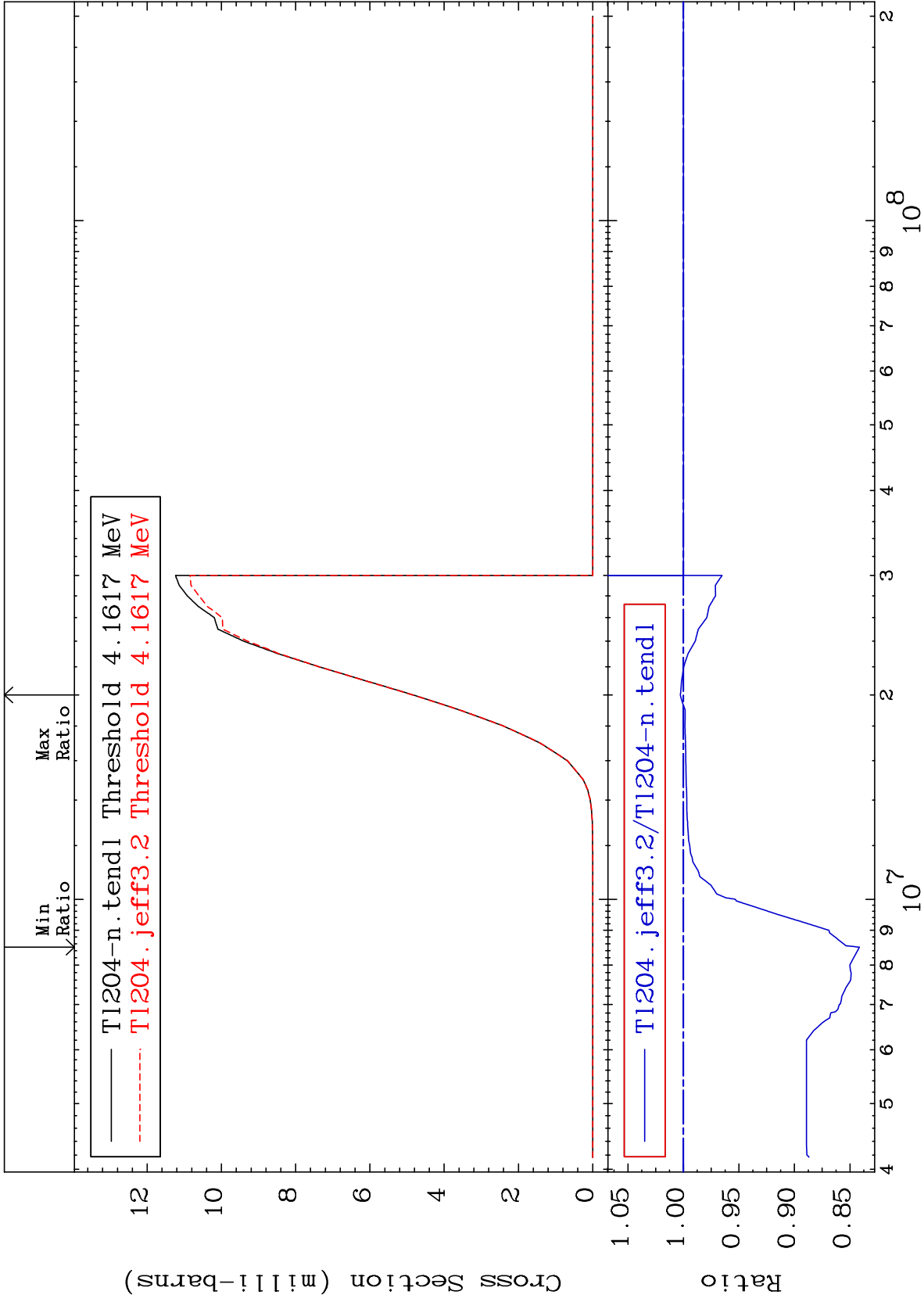


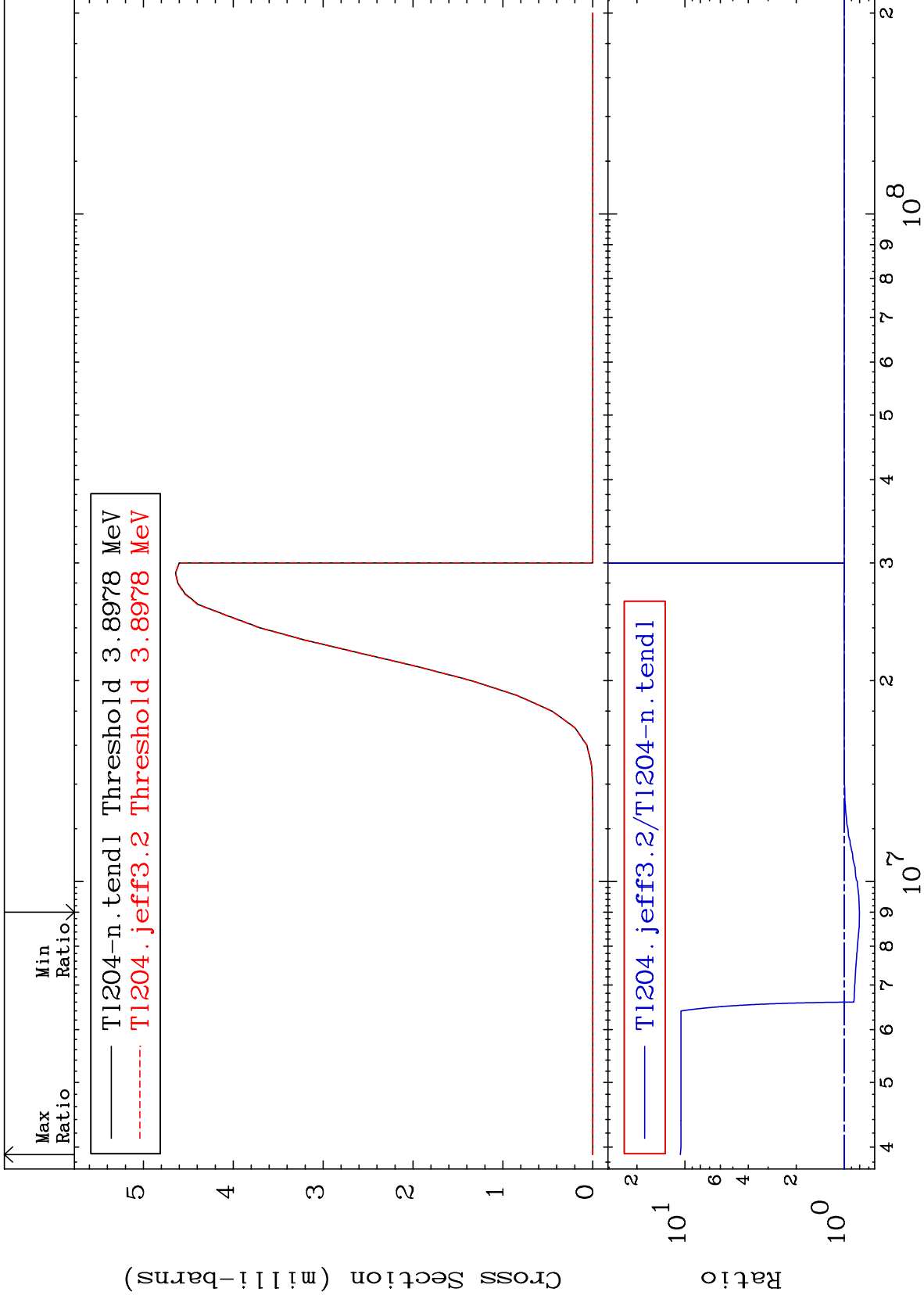






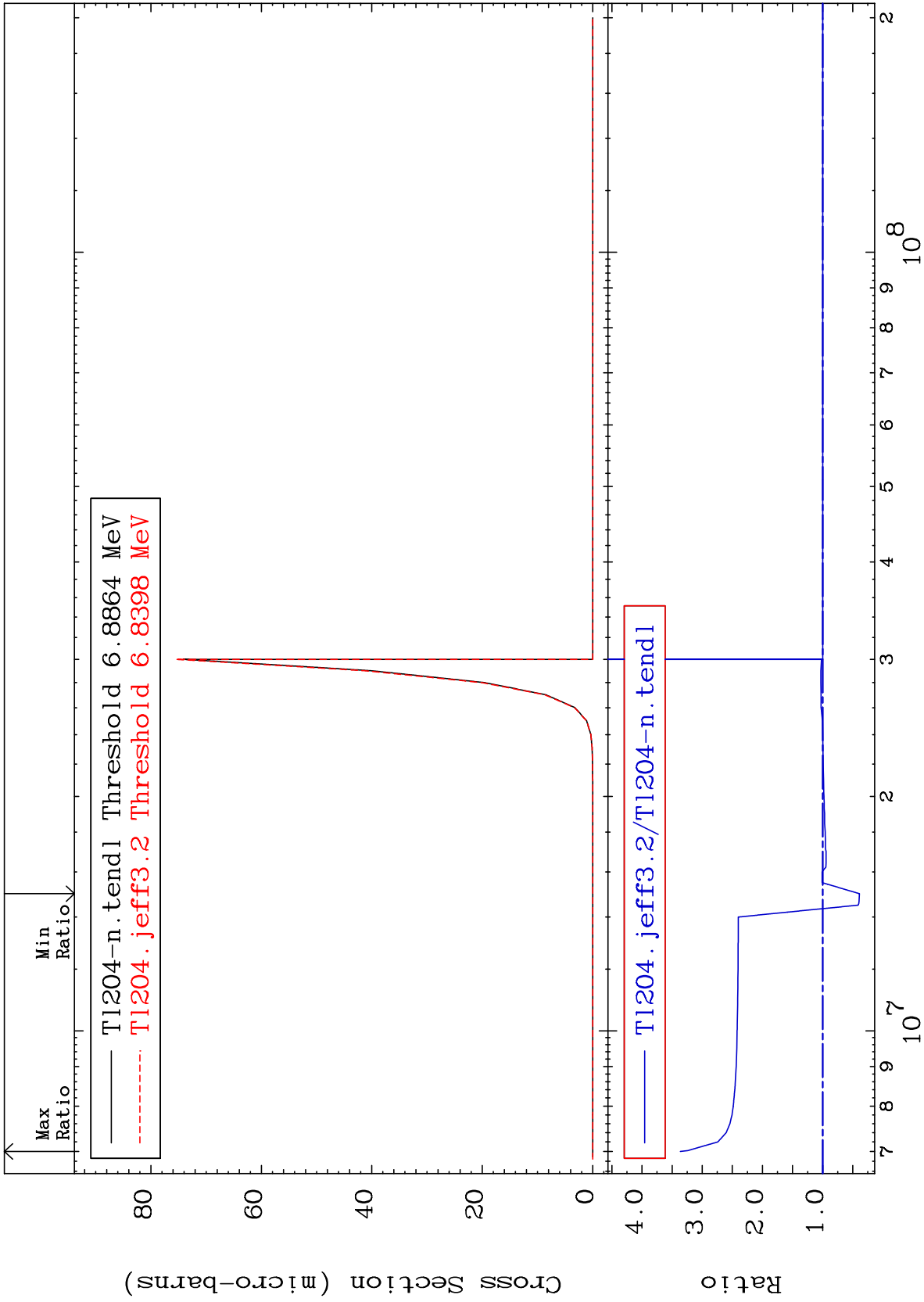






Cross Section

-61.02 To 236.3 %



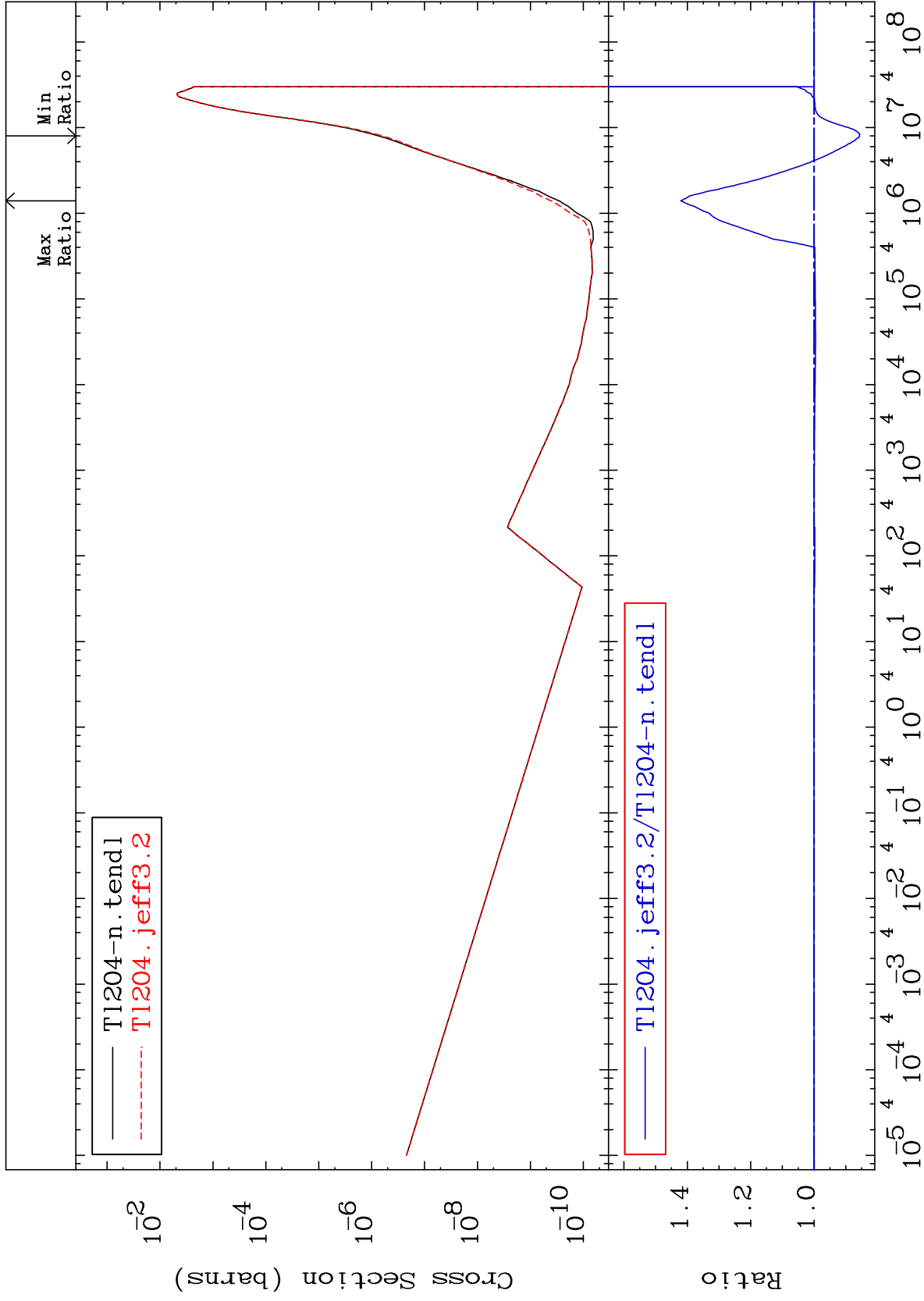
MAT 8128

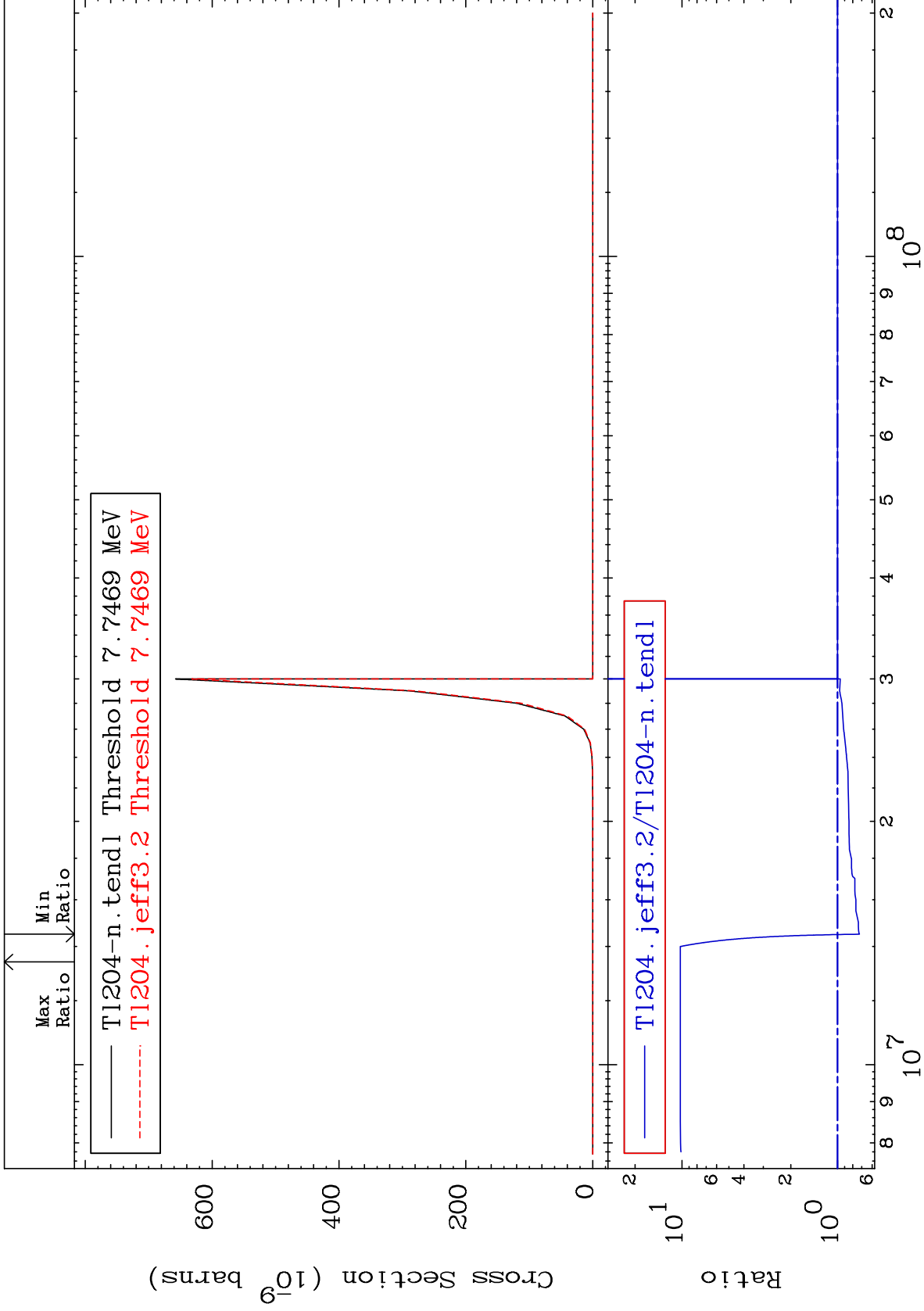
(n,  $\alpha$ )

81-Tl-204

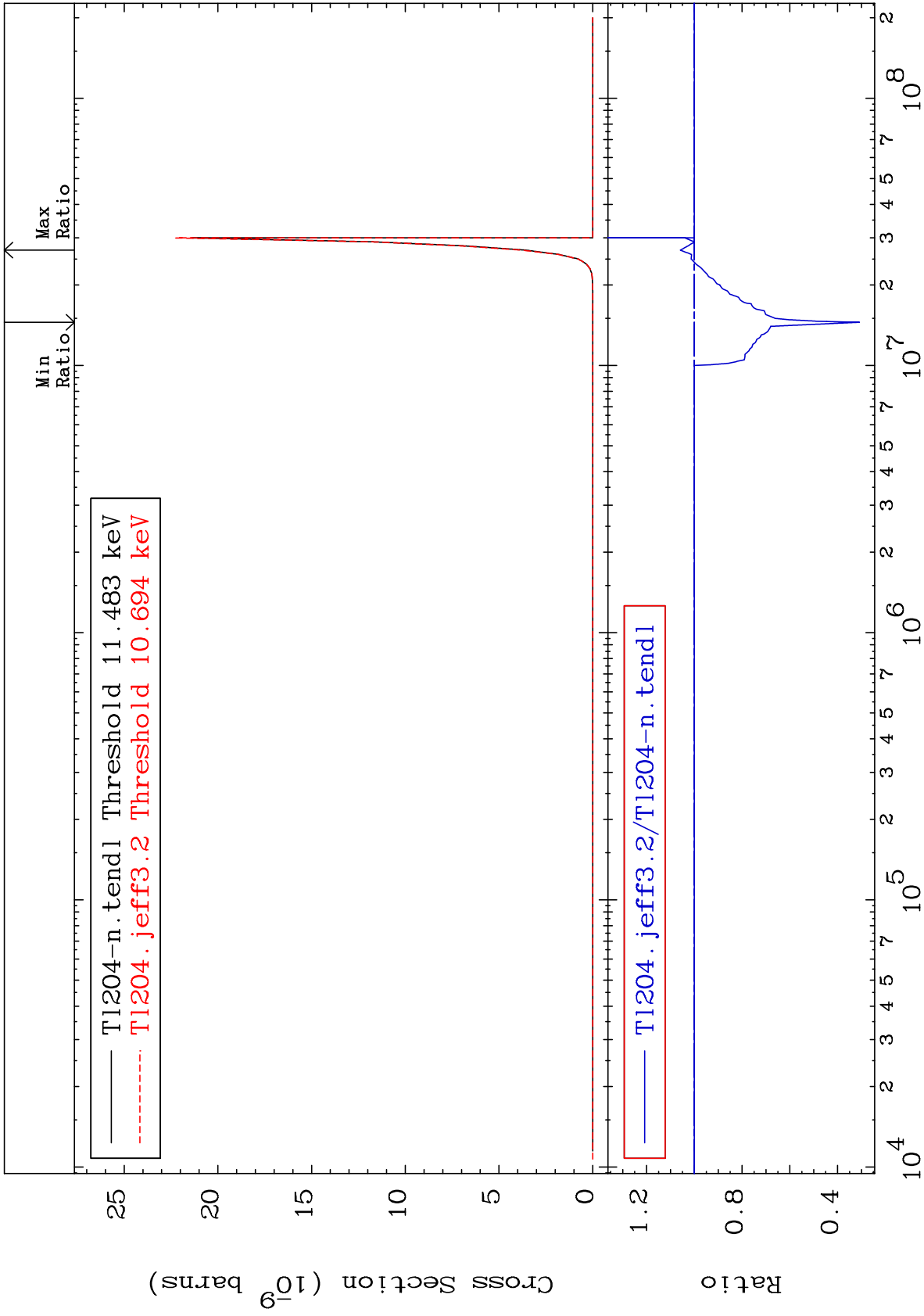
Cross Section

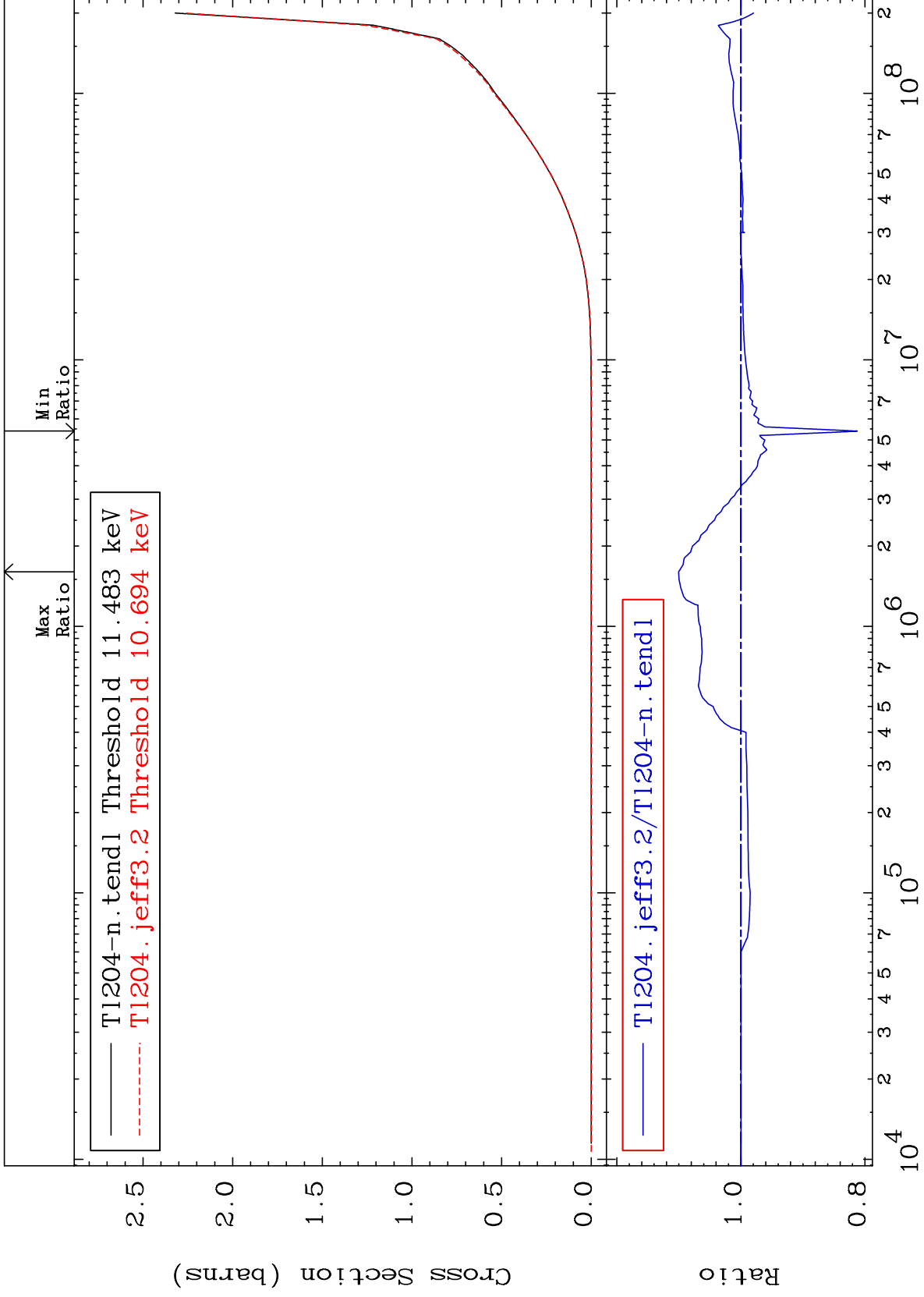
-14.34 To 42.06 %

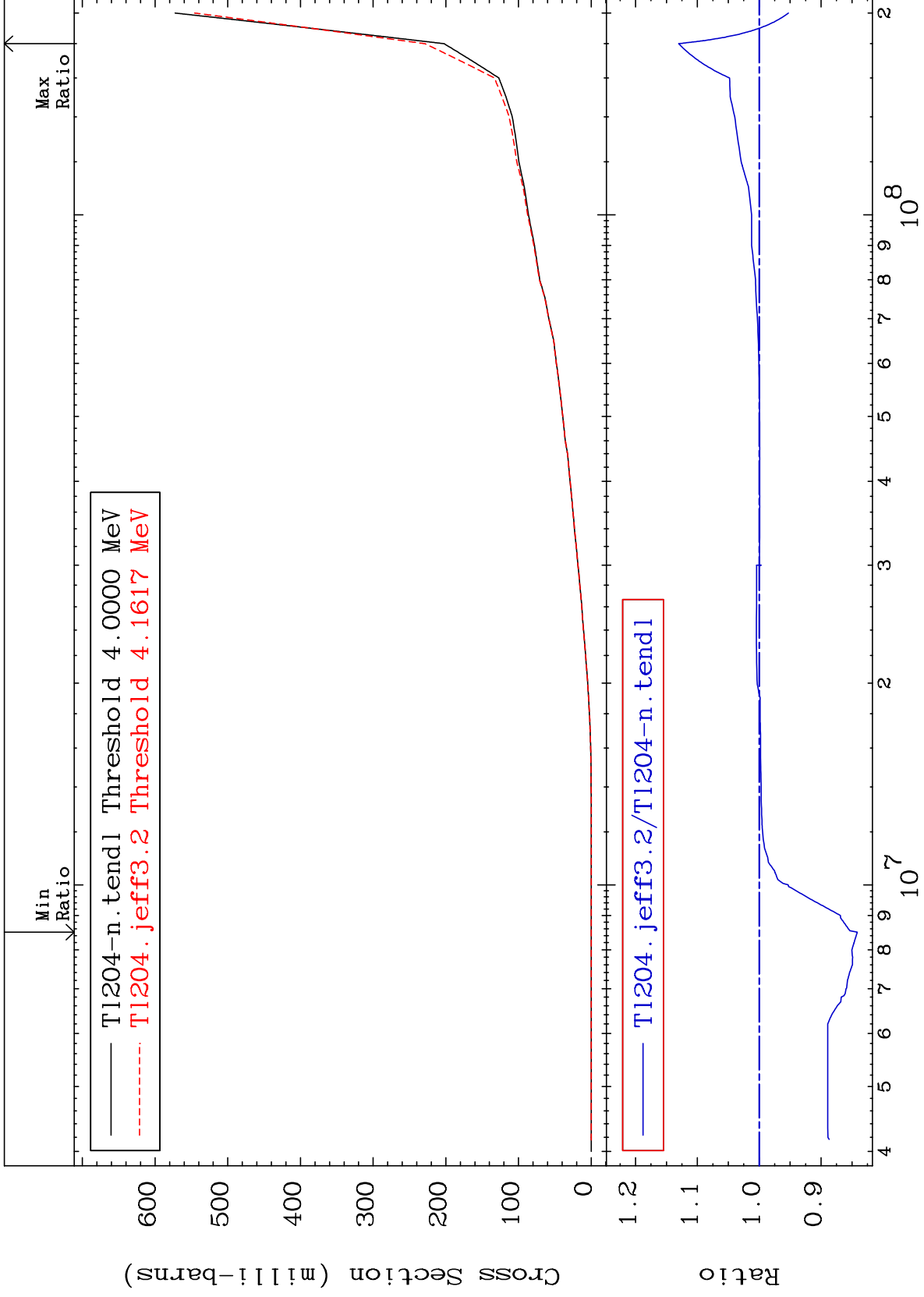








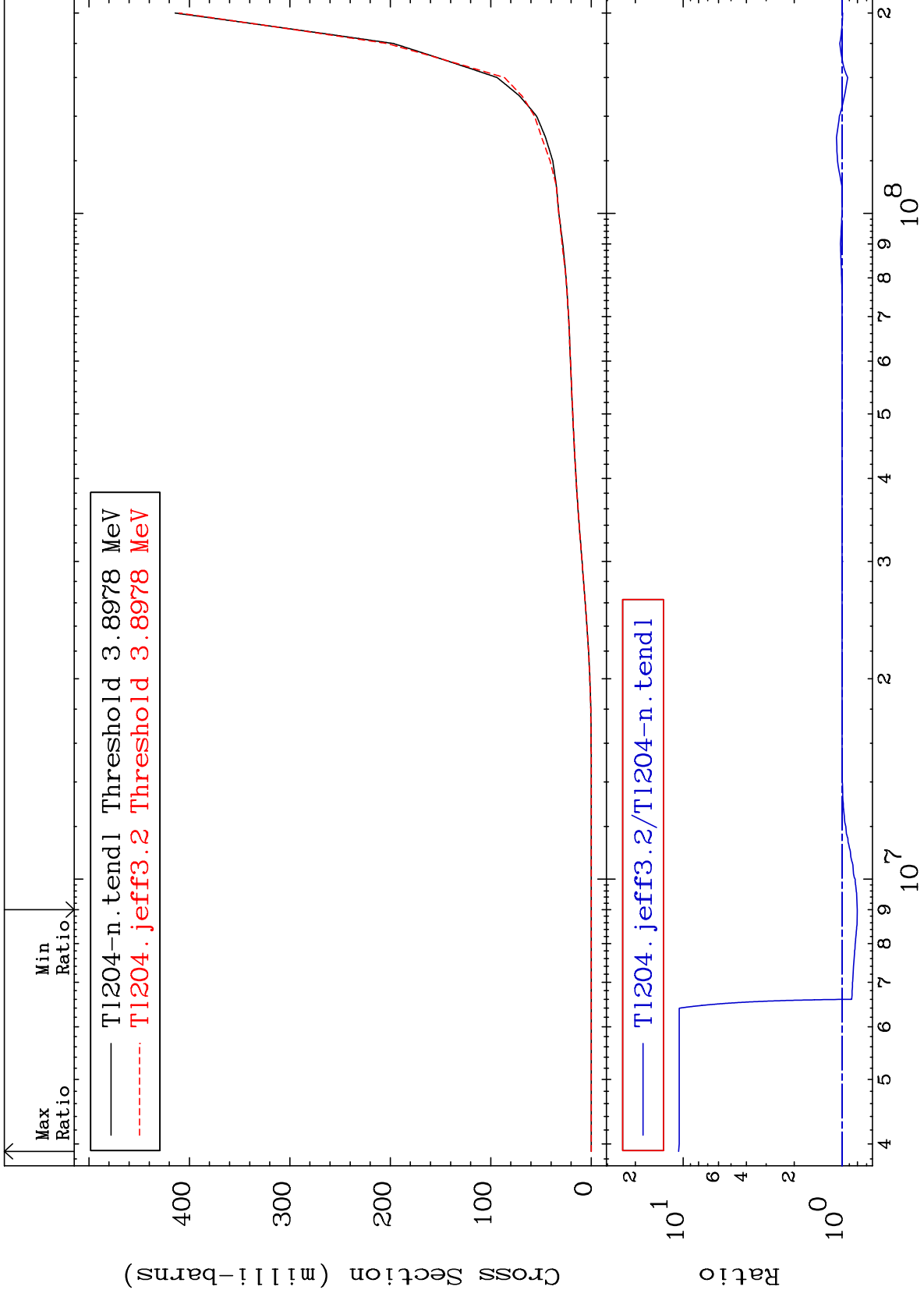




MAT 8128

Tritium Production  
Cross Section

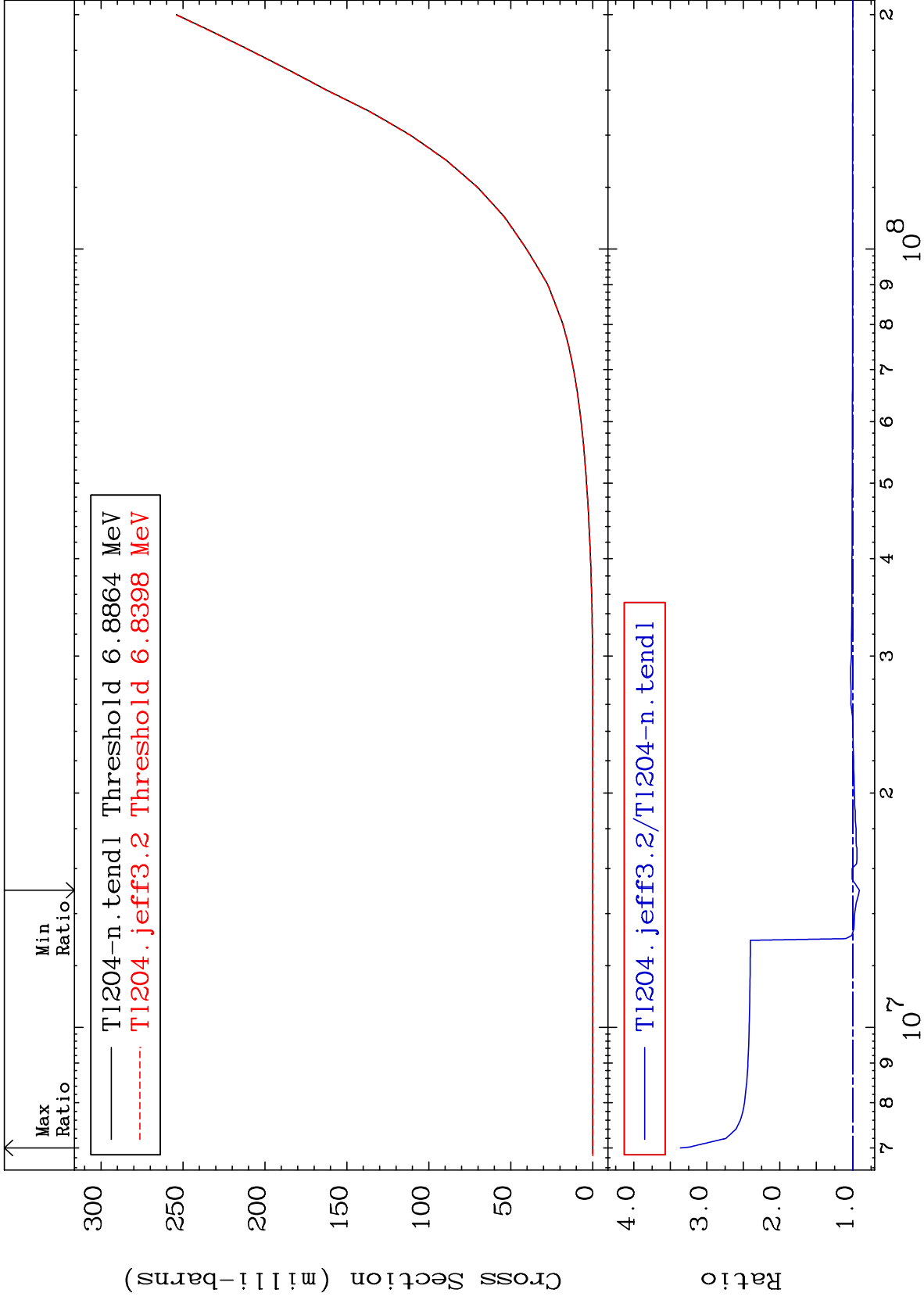
81-Tl-204  
-19.79 To 968.5 %



MAT 8128

He-3 Production  
Cross Section

81-T1-204  
-9.043 To 236.3 %



61

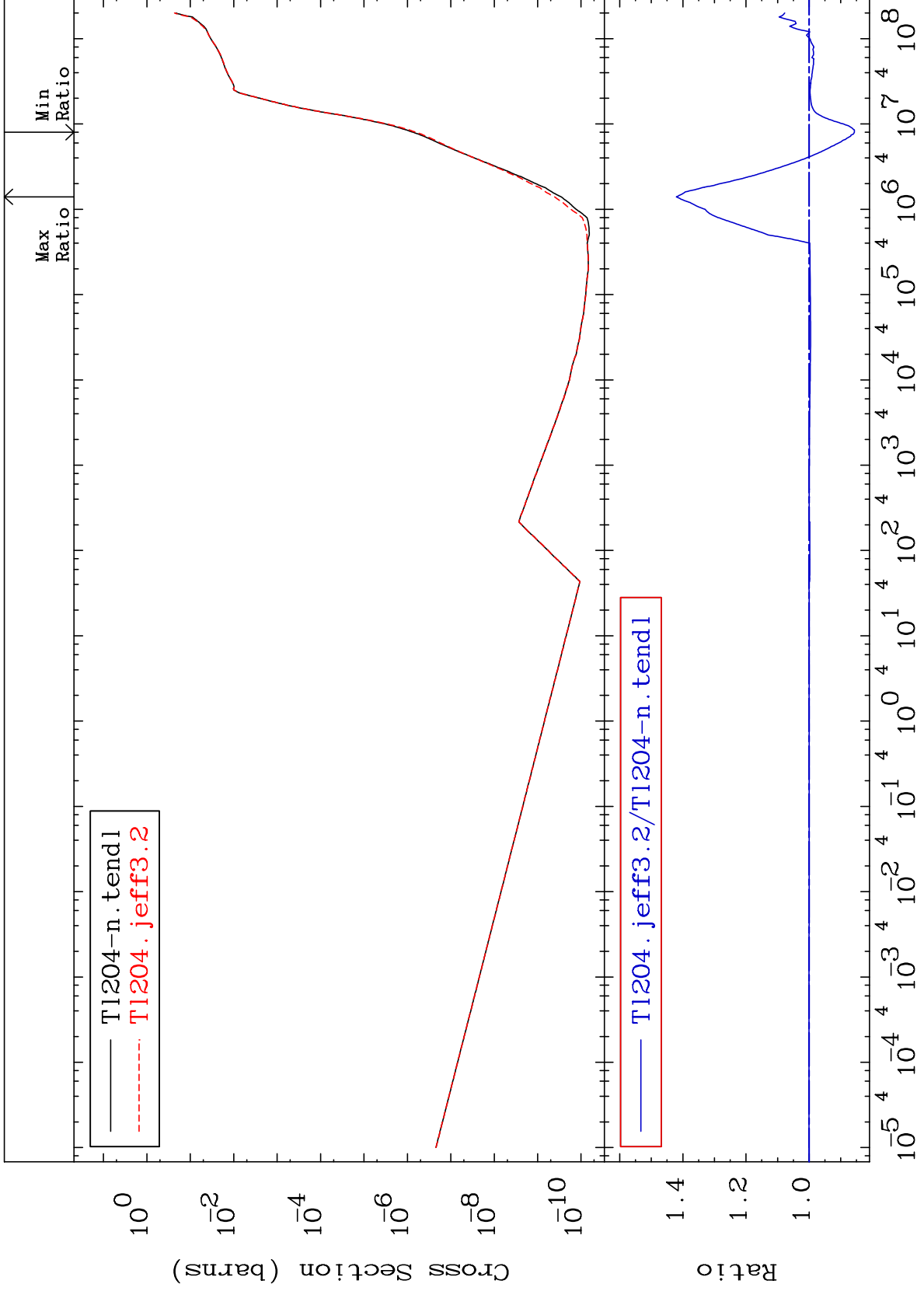
Incident Energy (eV)

81-T1-204

MAT 8128

He-4 Production  
Cross Section

81-T1-204  
-14.33 To 42.06 %



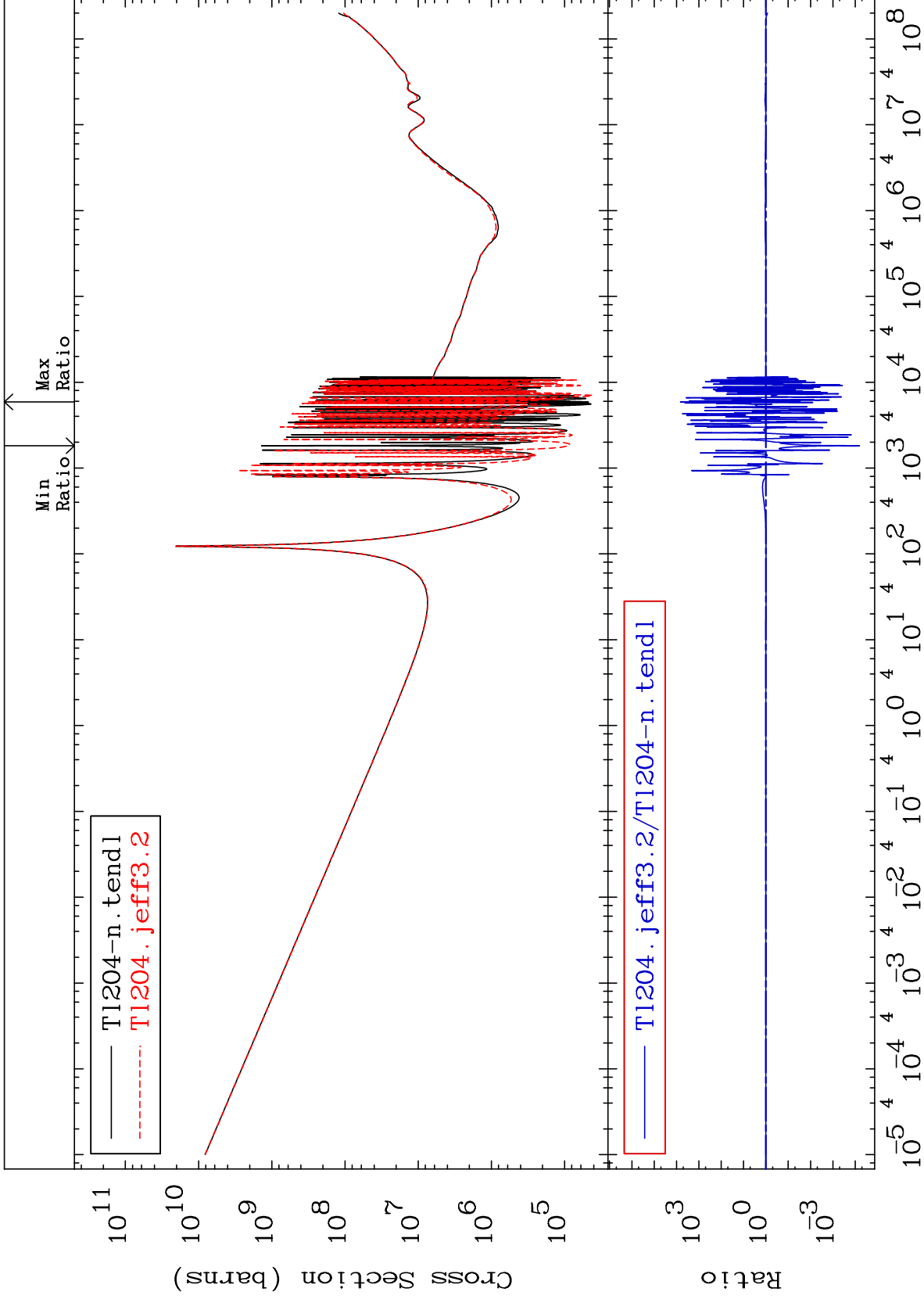
62

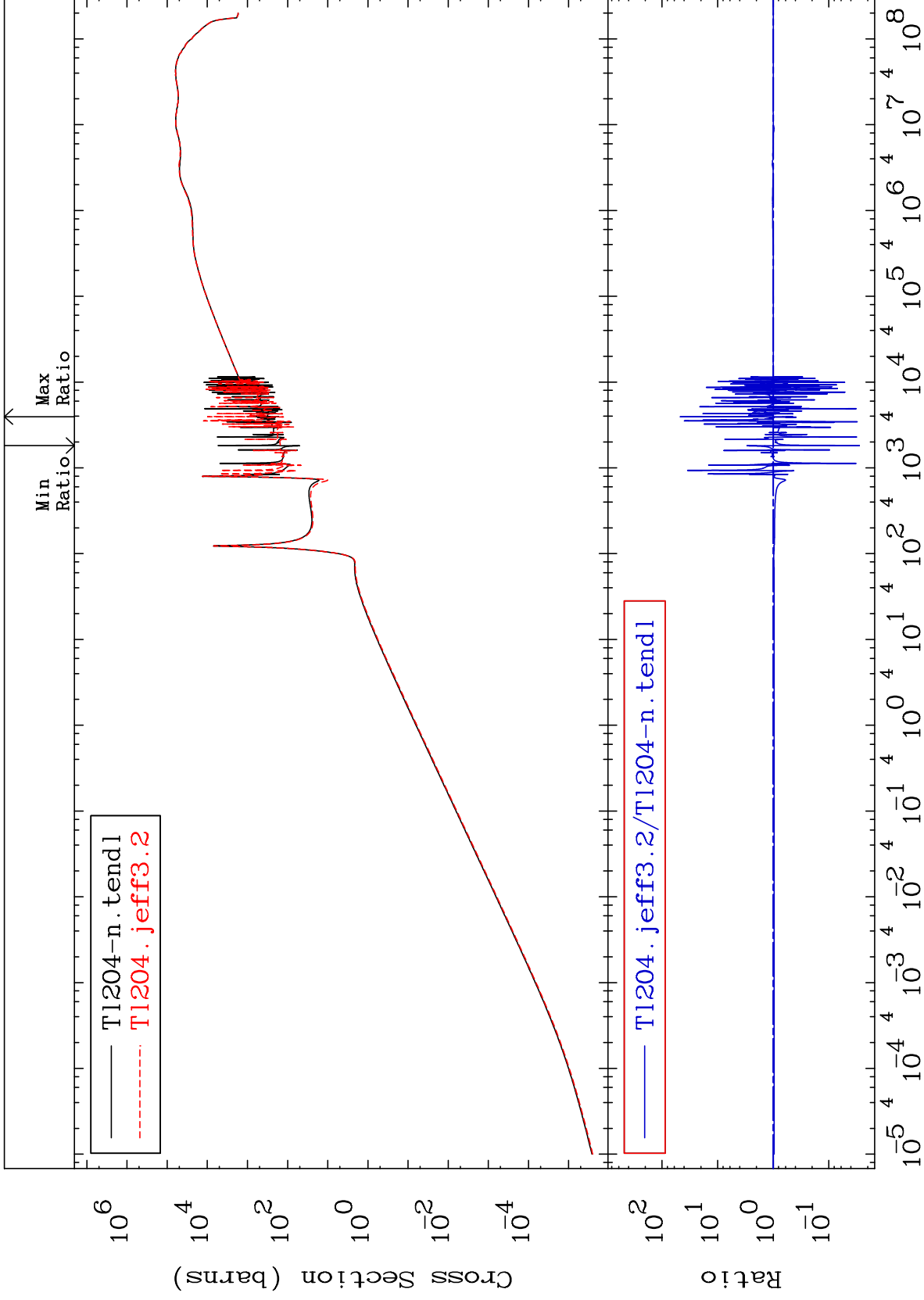
Incident Energy (eV)

81-T1-204

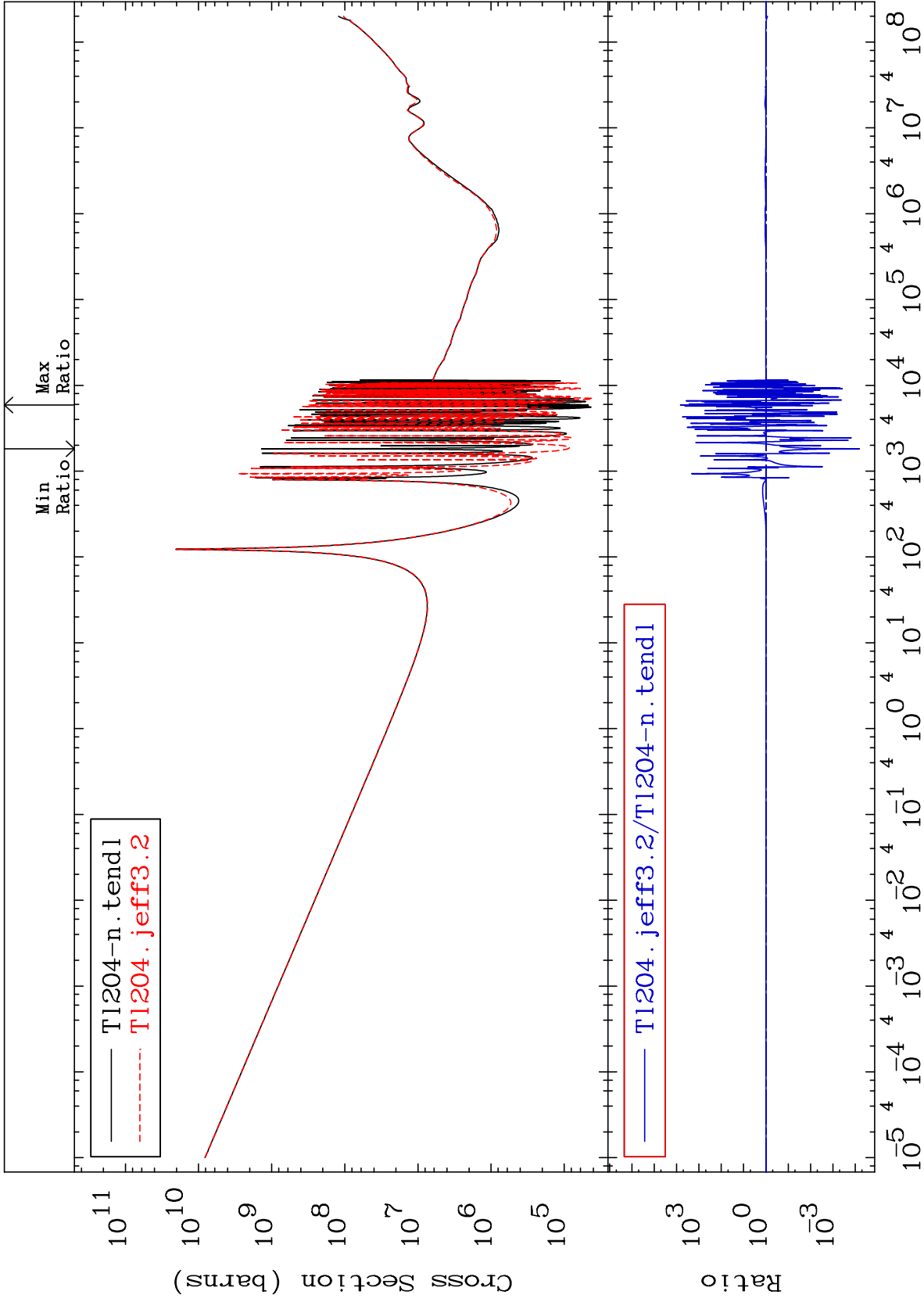
Cross Section

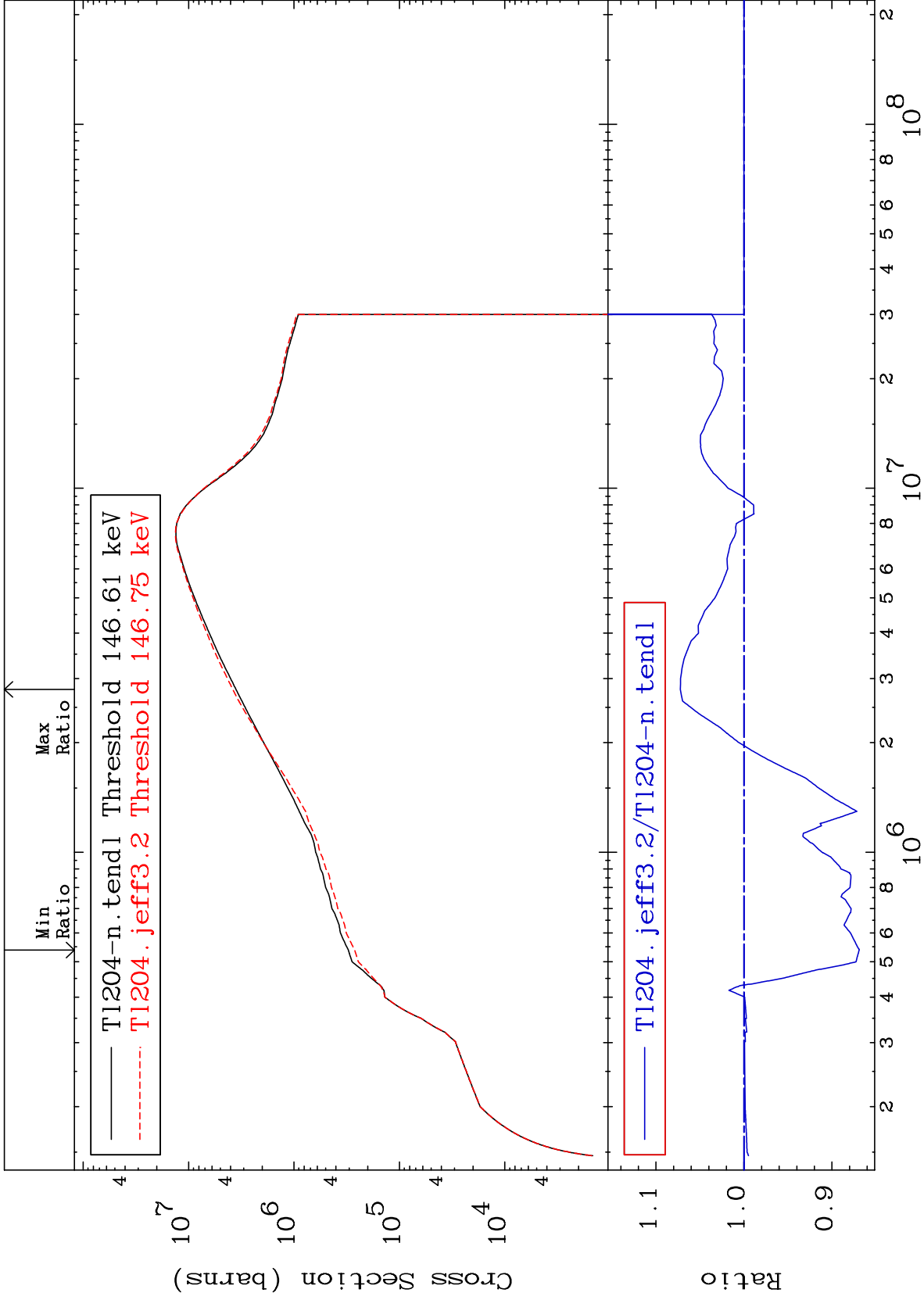
-99.99 To 9999. %







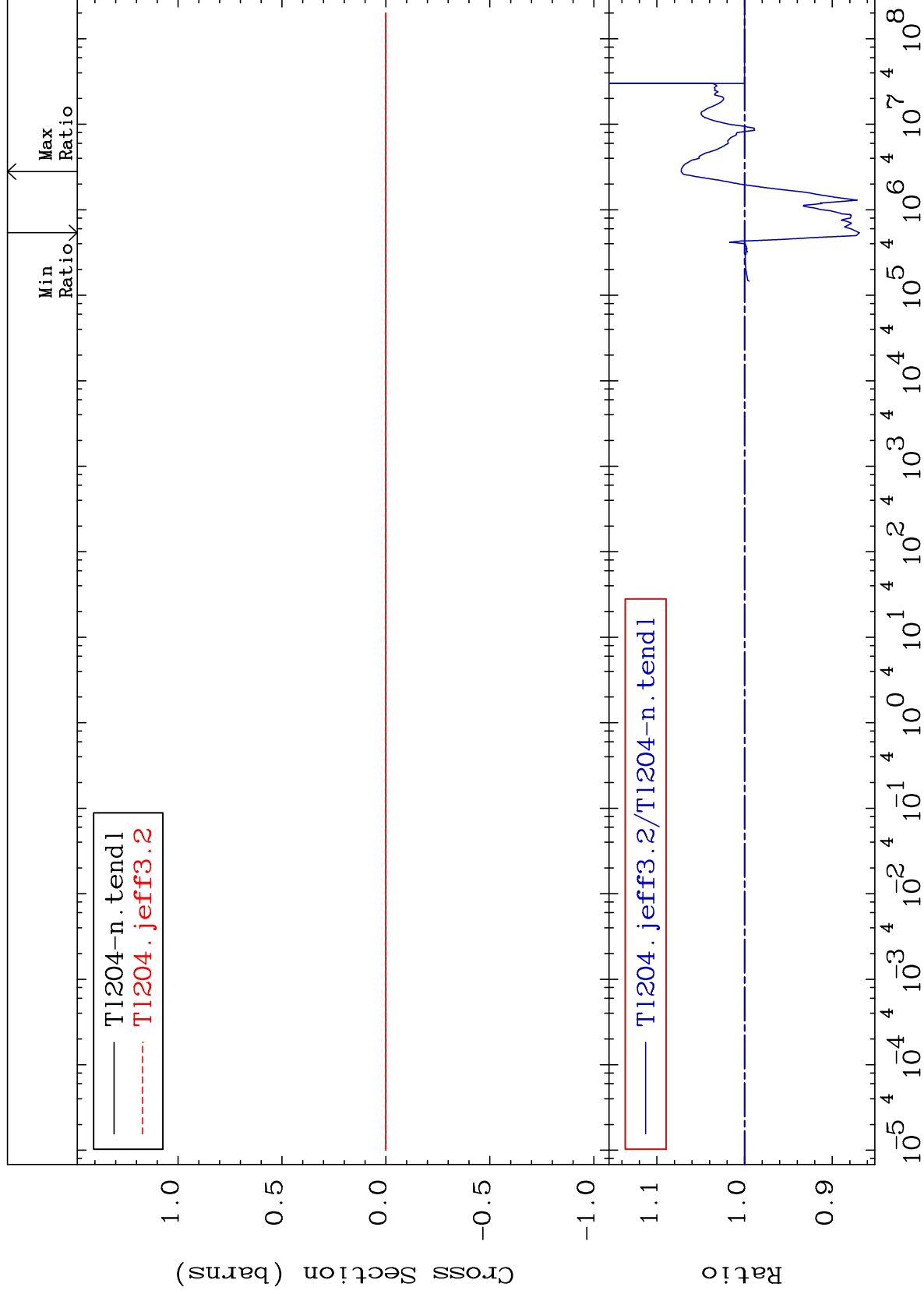




MAT 8128

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

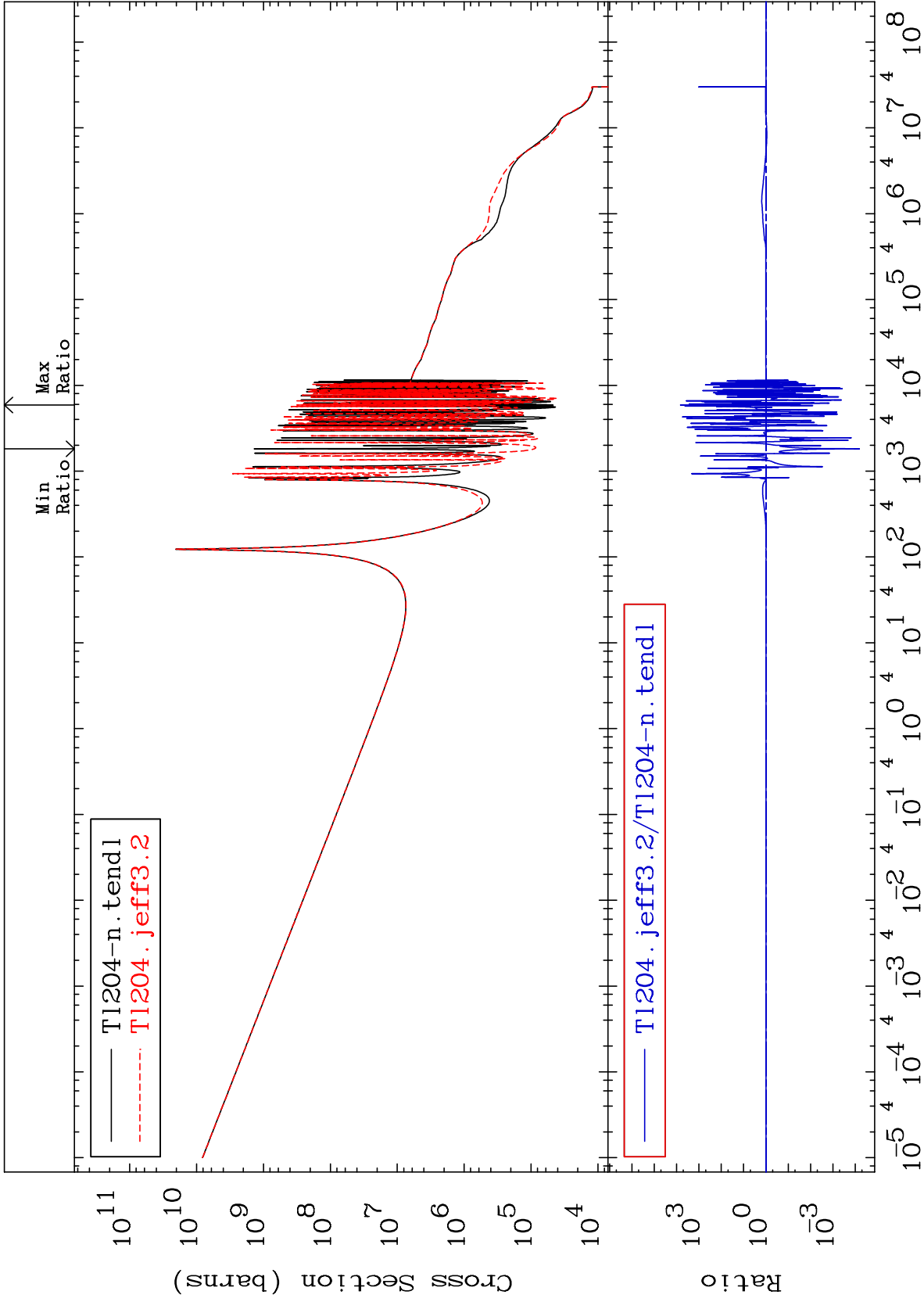
81-T1-204  
-13.12 To 7.231 %

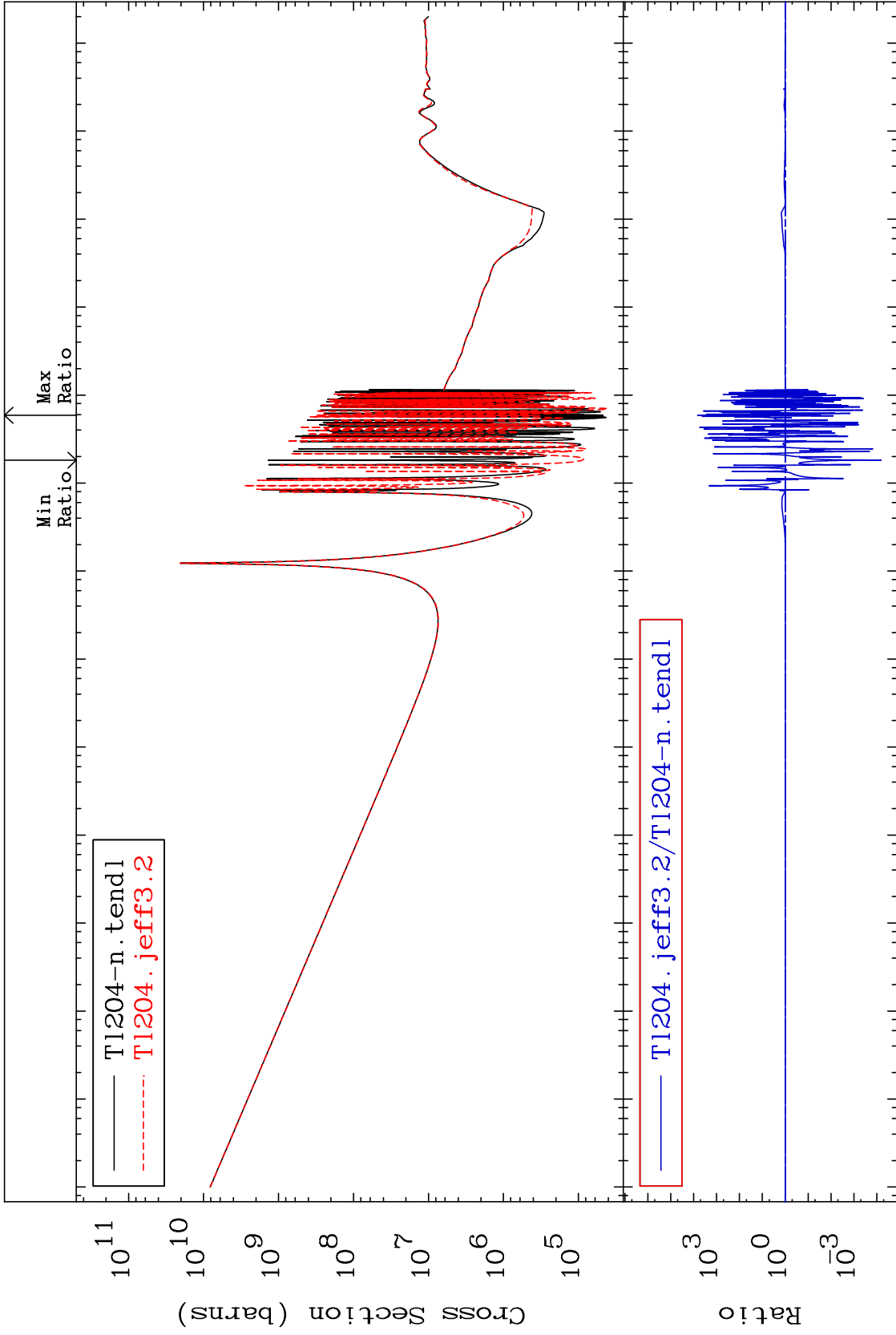


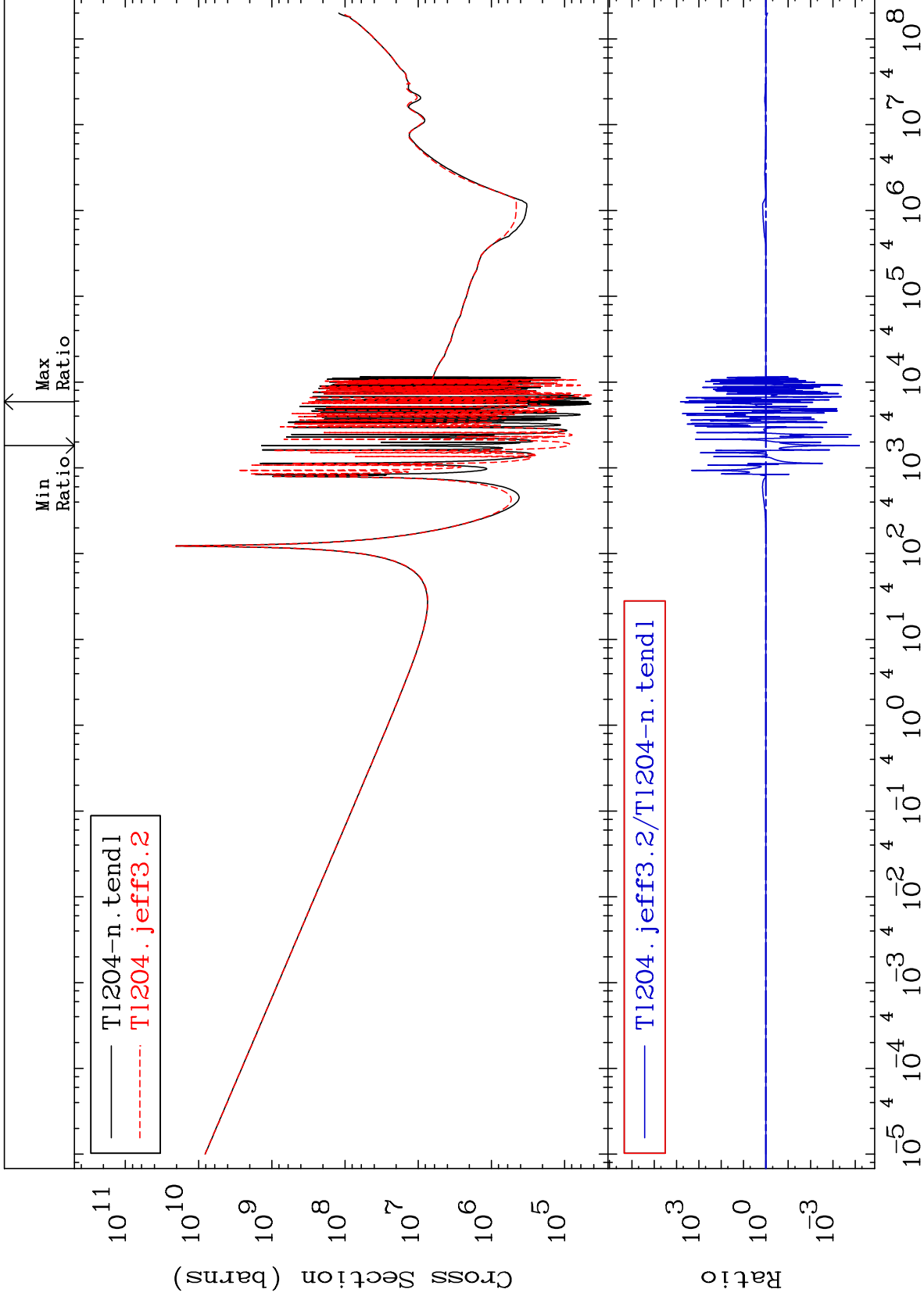
67

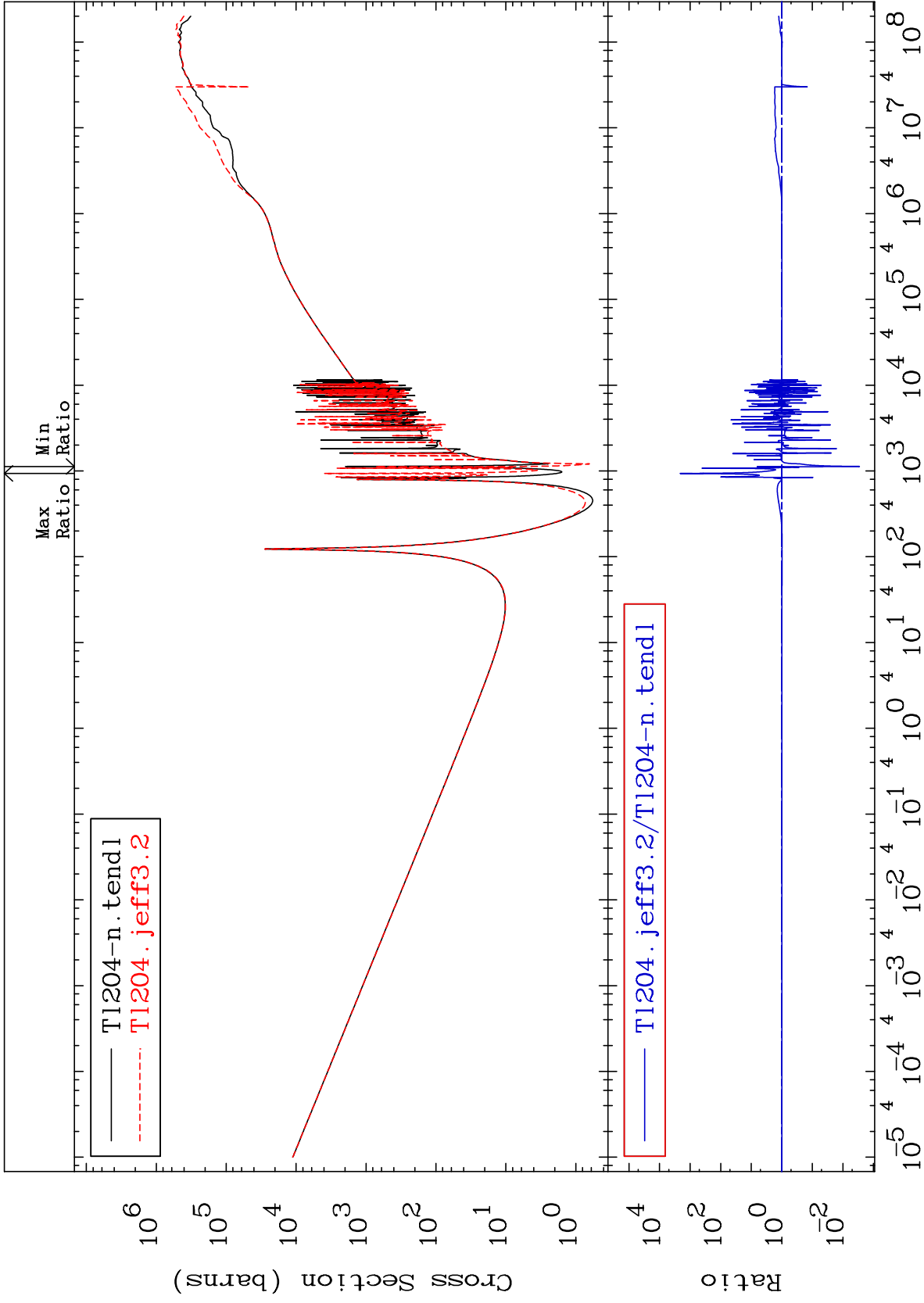
Incident Energy (eV)

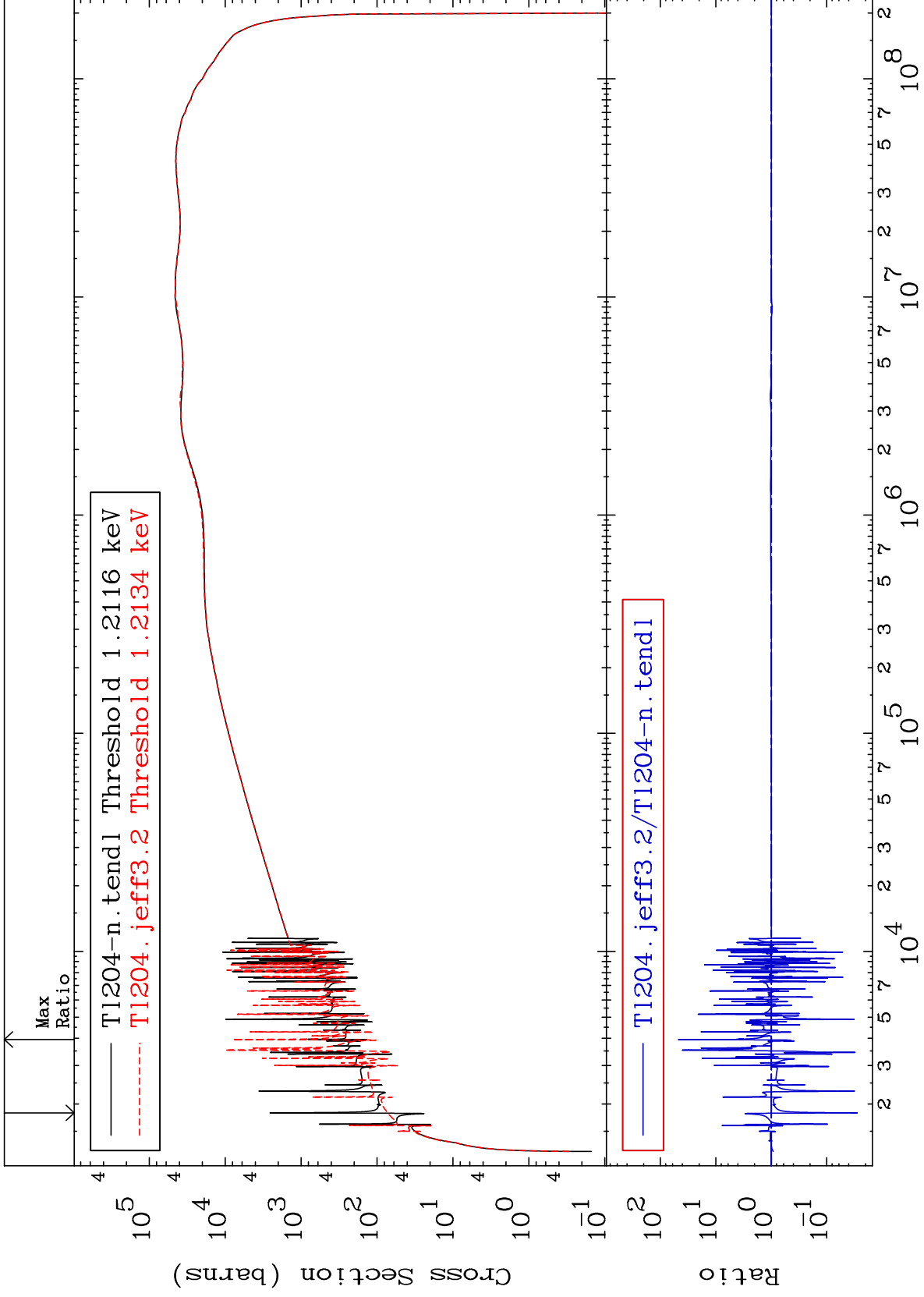
81-T1-204













MAT 8128

Dpa inelastic (mt51-91)  
Cross Section

81-Tl-204  
-6.013 To 249.9 %

