

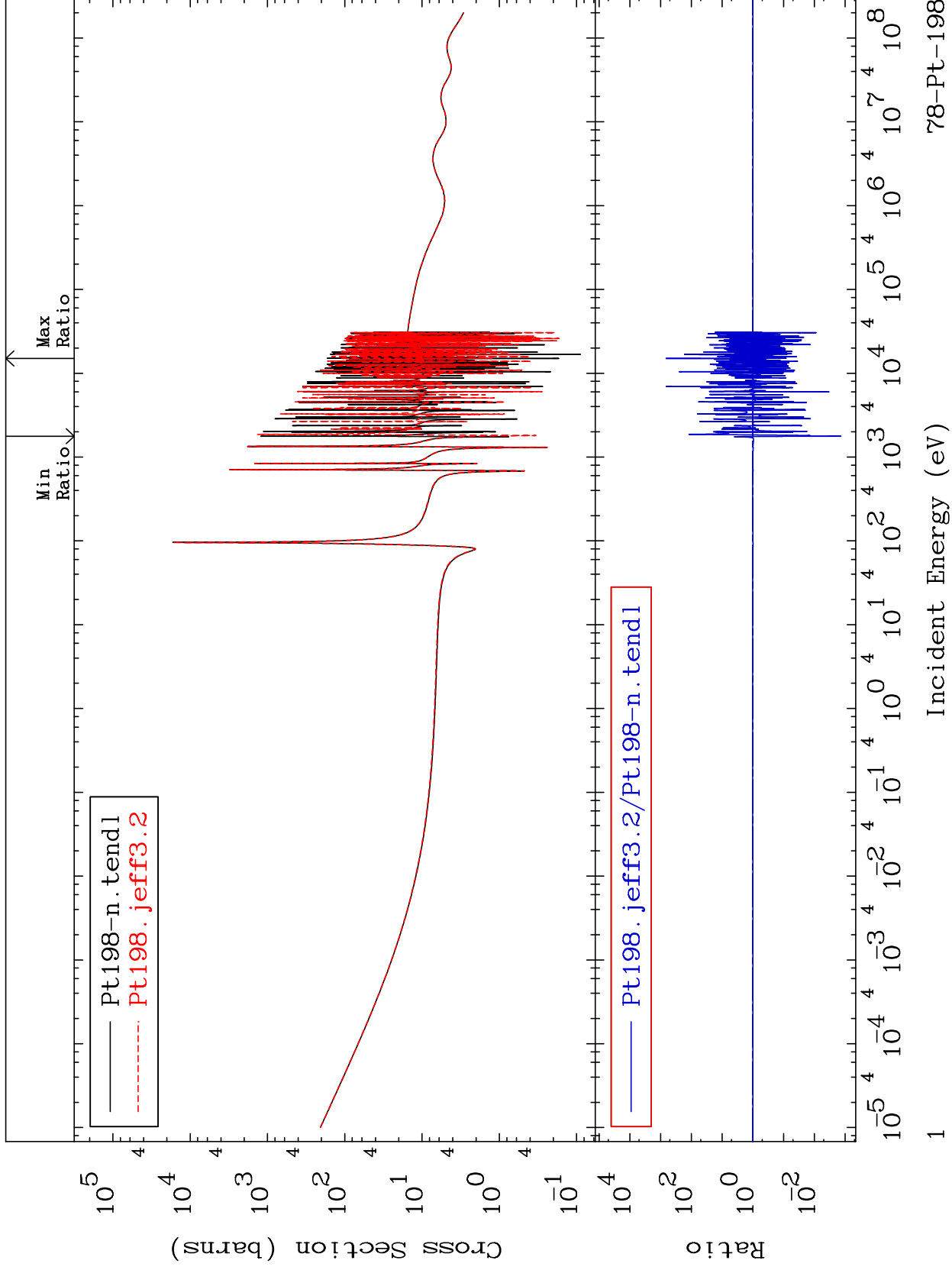
MAT 7849

Total

Cross Section

78-Pt-198

-99.86 To 9999. %



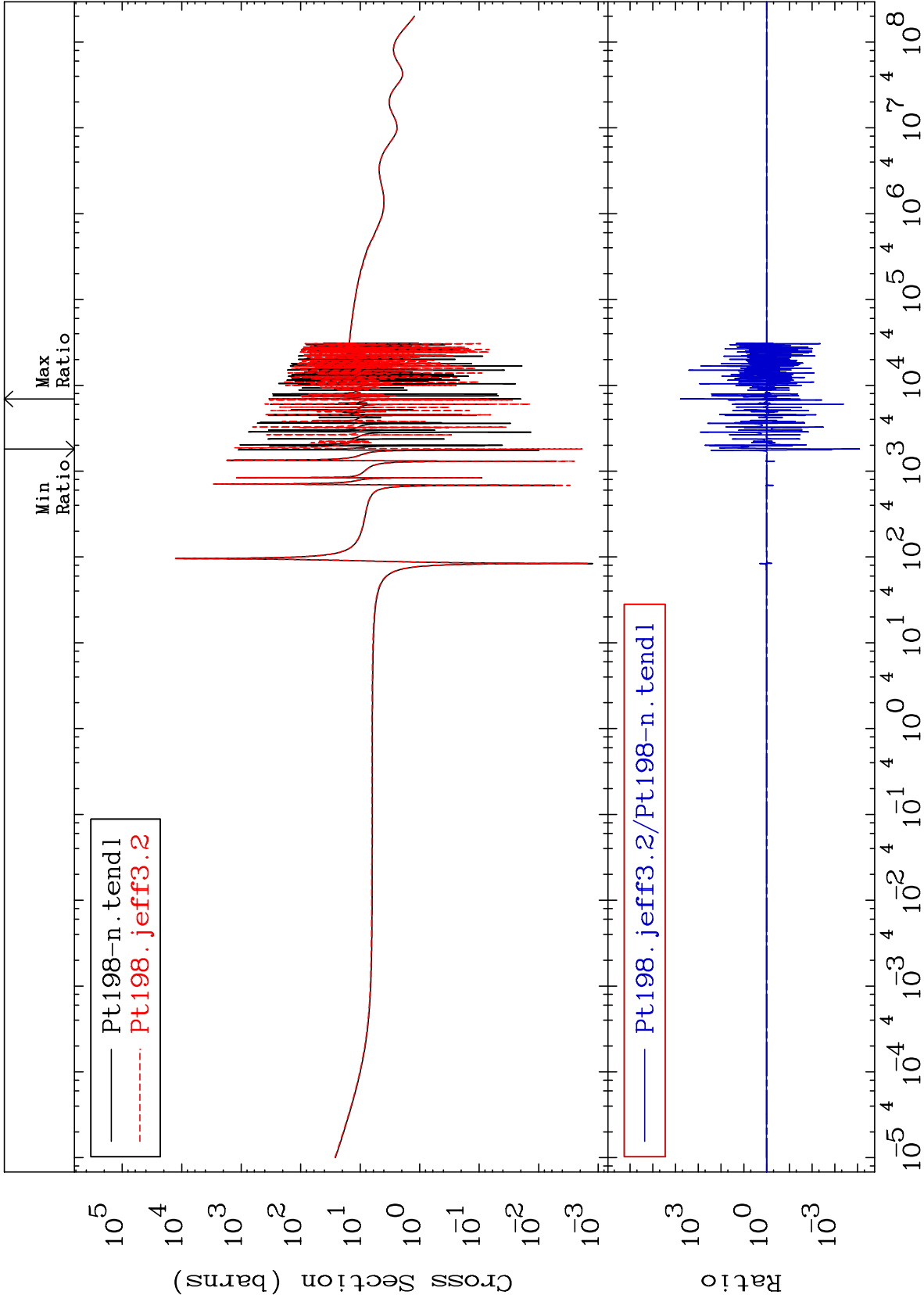
Incident Energy (eV)

78-Pt-198

MAT 7849

Elastic
Cross Section

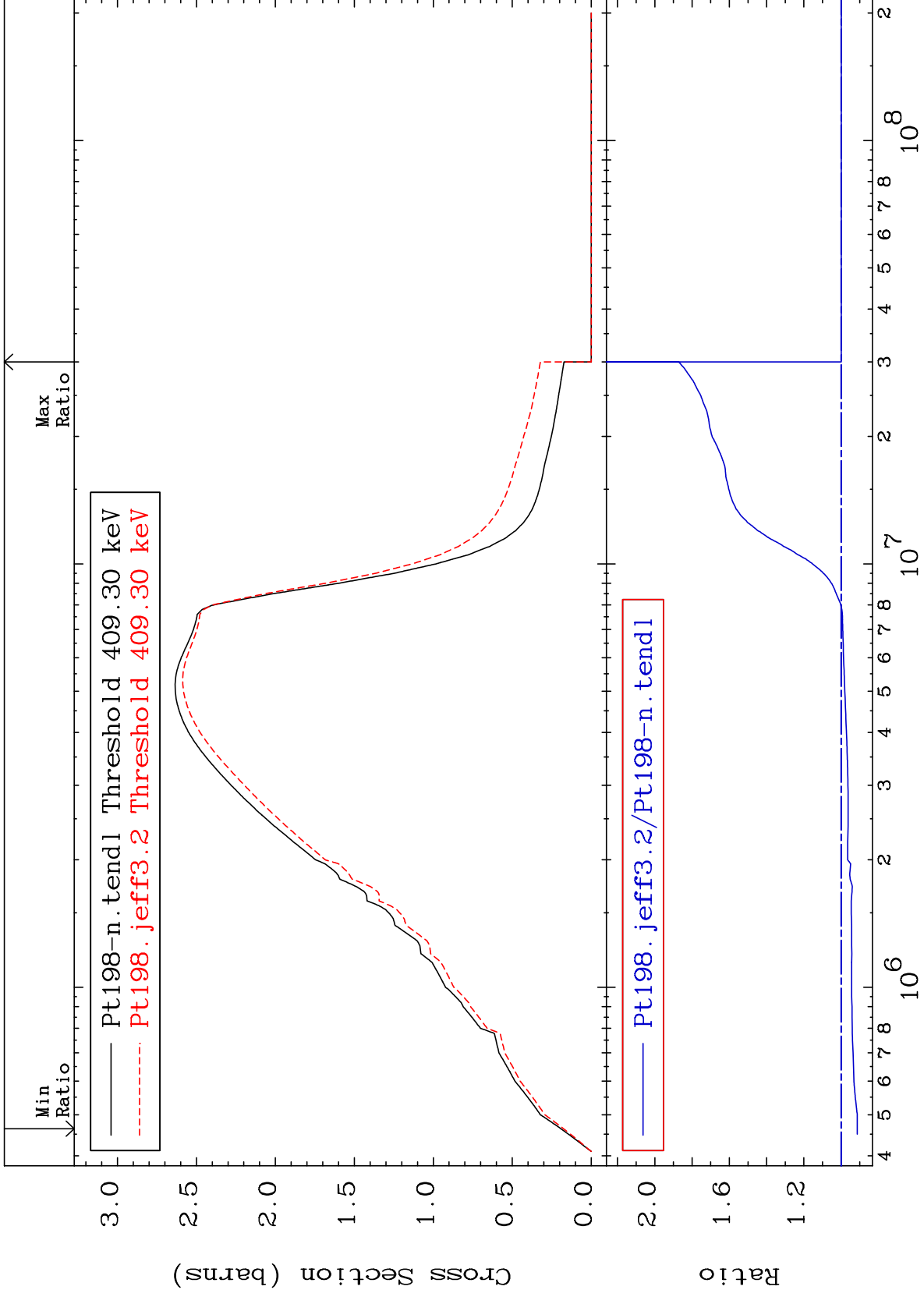
78-Pt-198
-99.99 To 9999. %



MAT 7849

Inelastic
Cross Section

78-Pt-198
-8.647 To 87.20 %



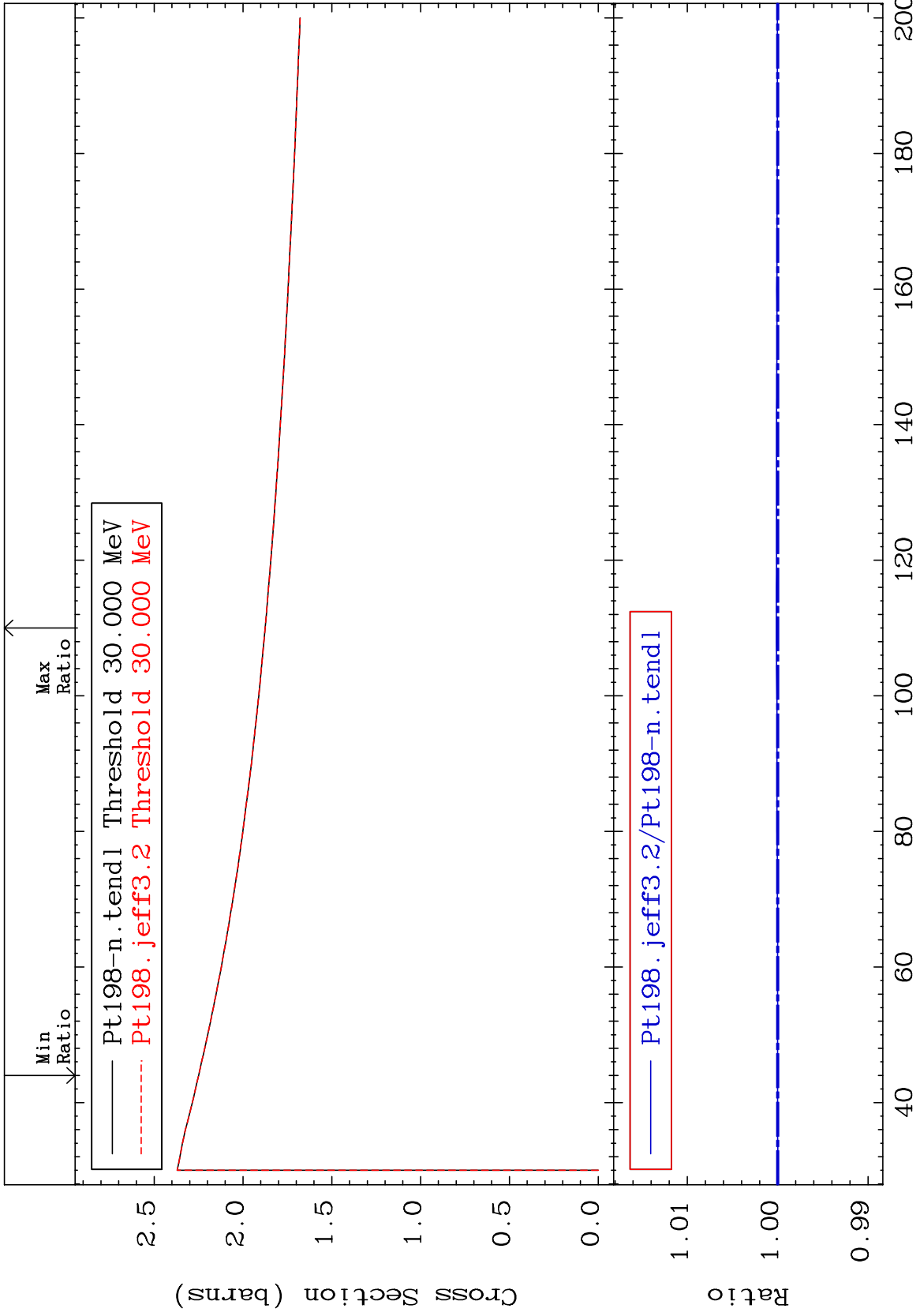
3

78-Pt-198

MAT 7849

(n, remainder)
Cross Section

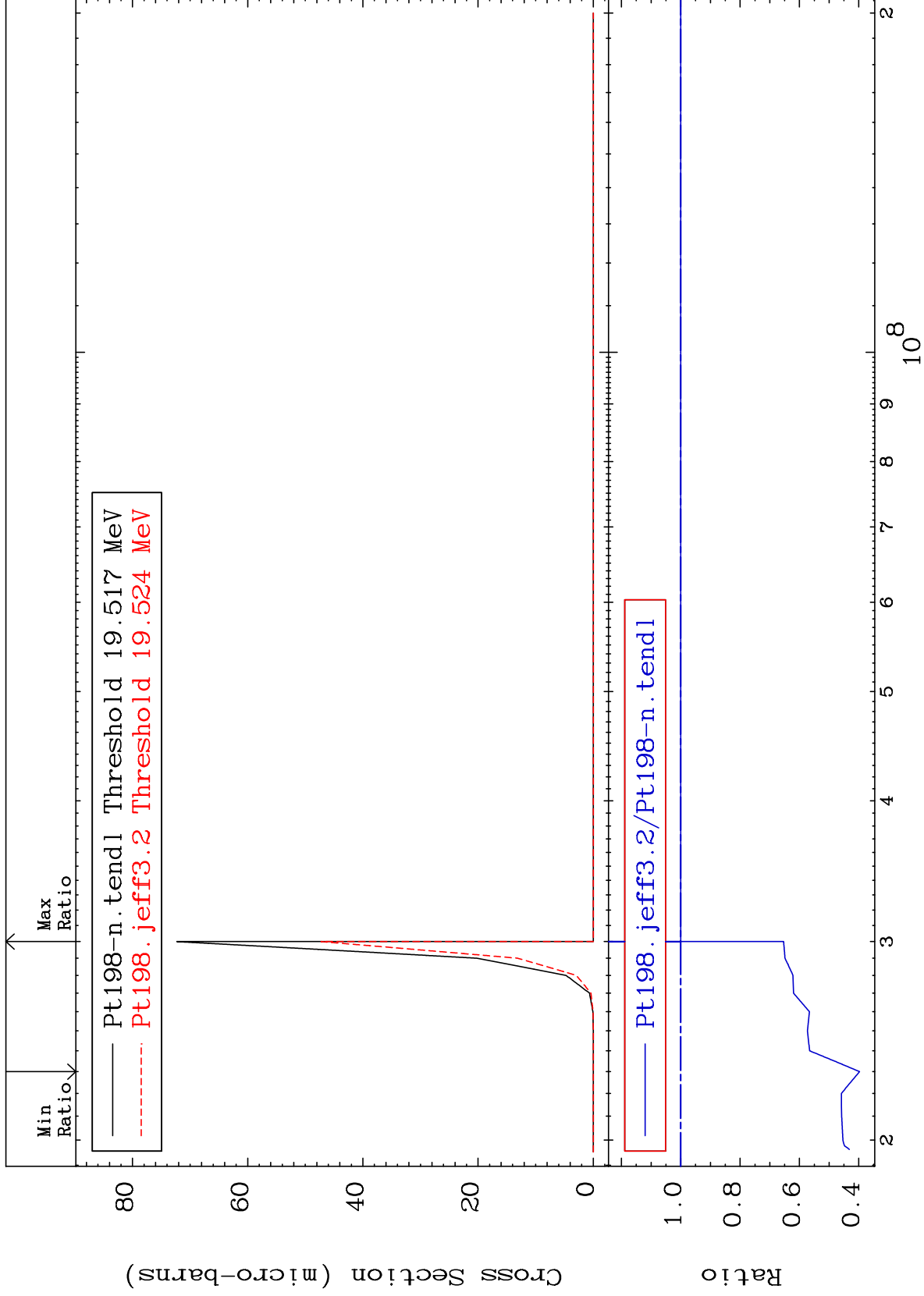
78-Pt-198
-0.002 To 0.015 %



MAT 7849

(n,2n) d
Cross Section

78-Pt-198
-60.25 To 0.000 %



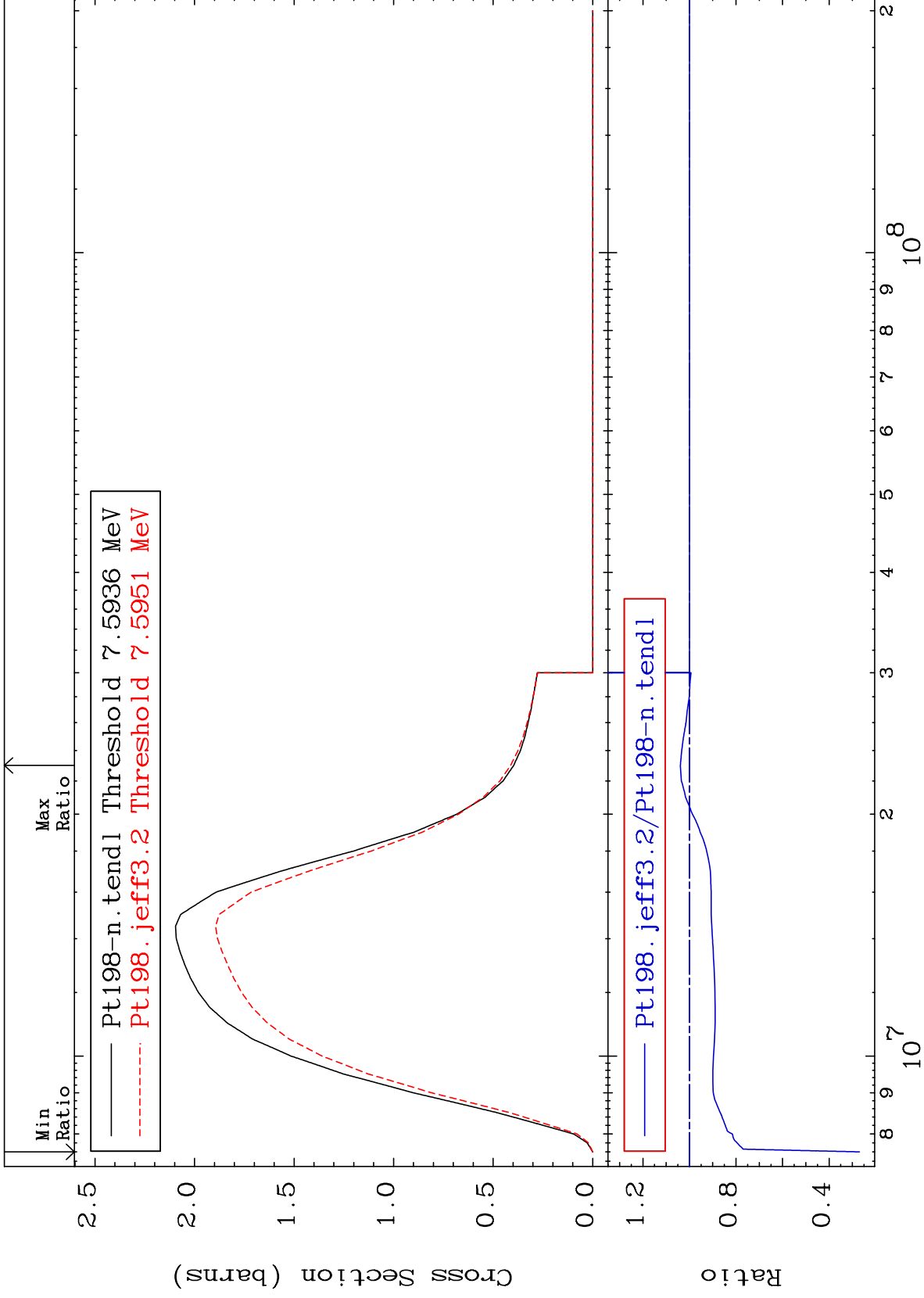
MAT 7849

(n,2n)

78-Pt-198

Cross Section

-73.03 To 3.909 %



6

Incident Energy (eV)

78-Pt-198

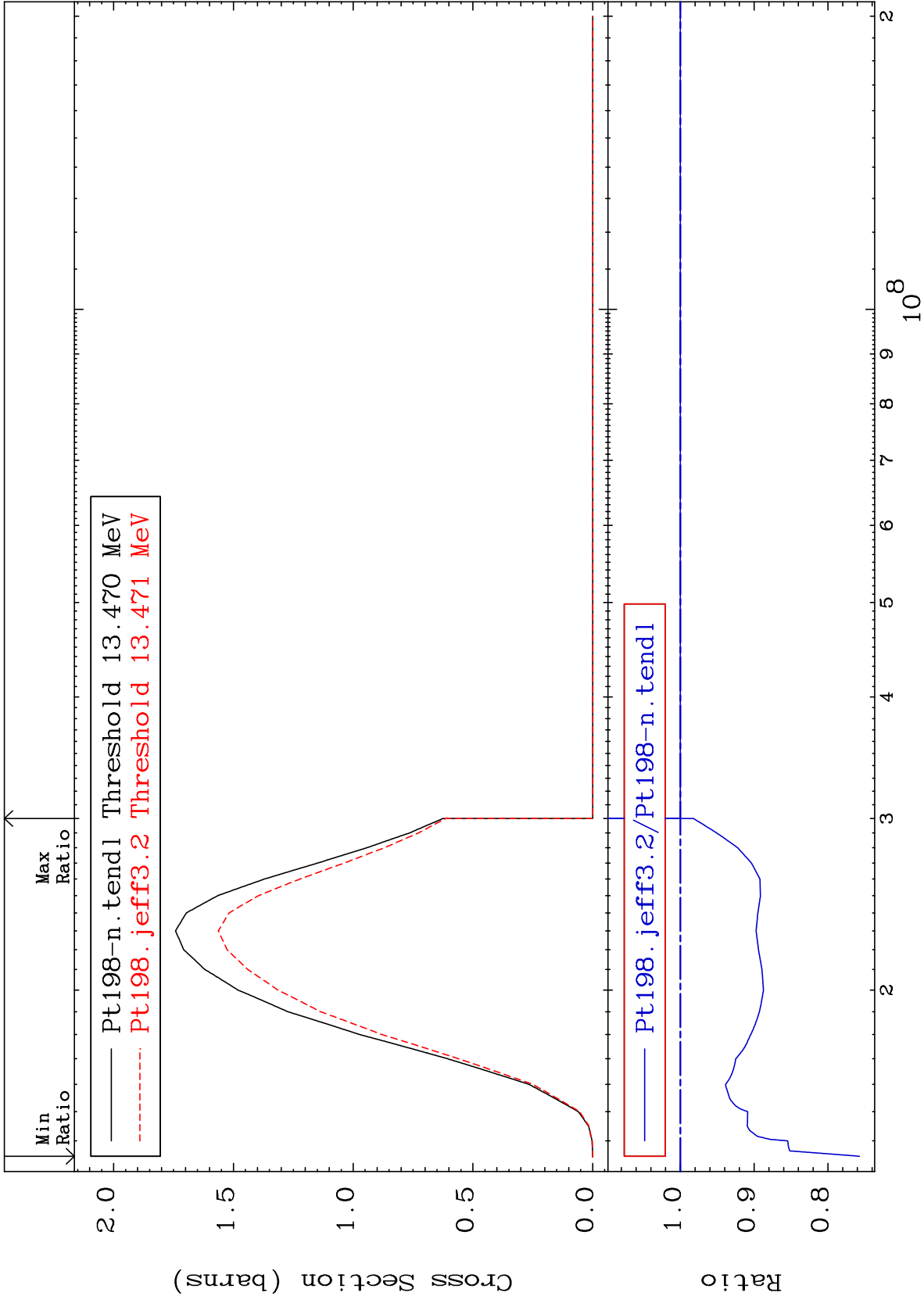
MAT 7849

(n,3n)

78-Pt-198

Cross Section

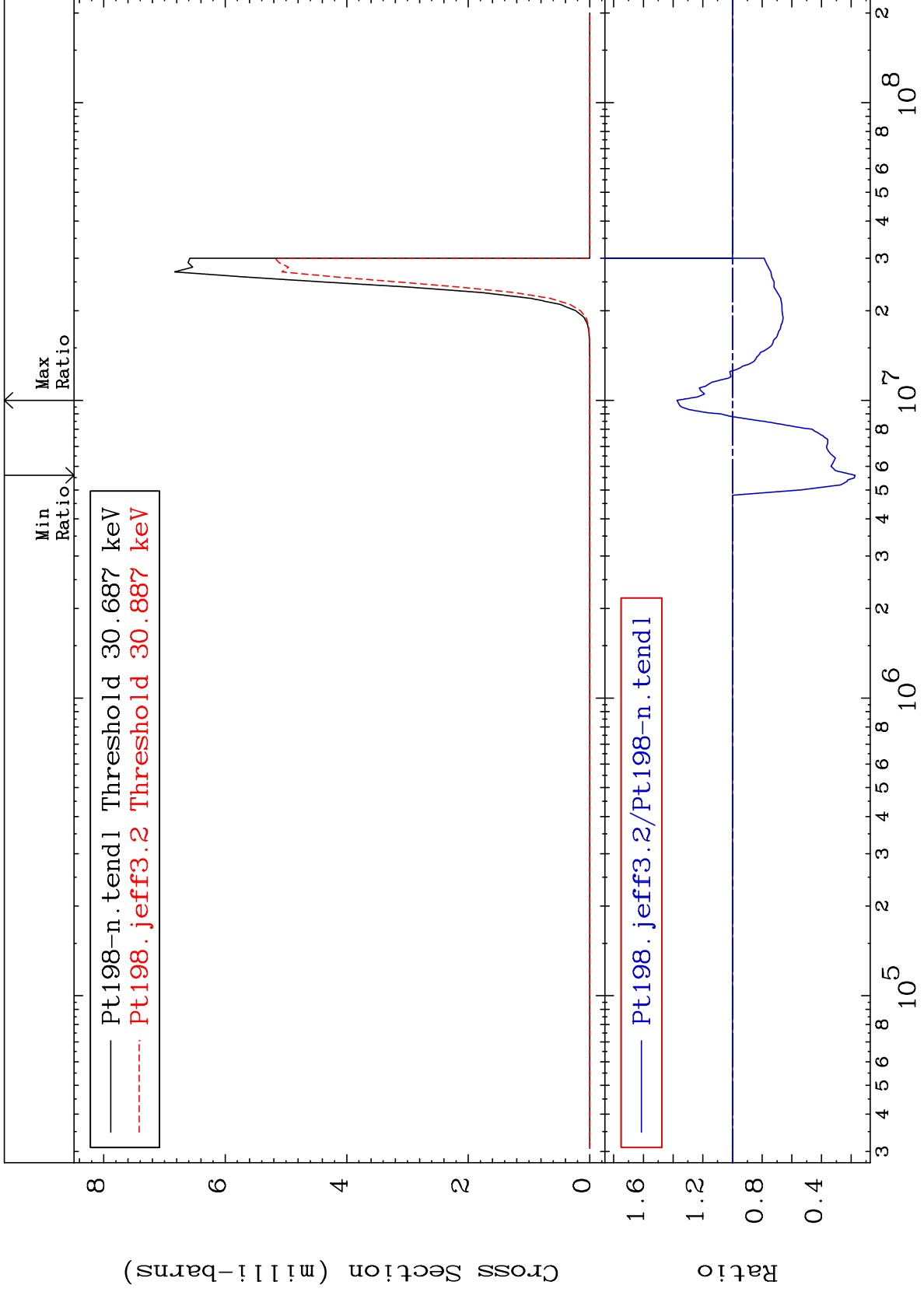
-24.27 To 0.000 %



MAT 7849

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

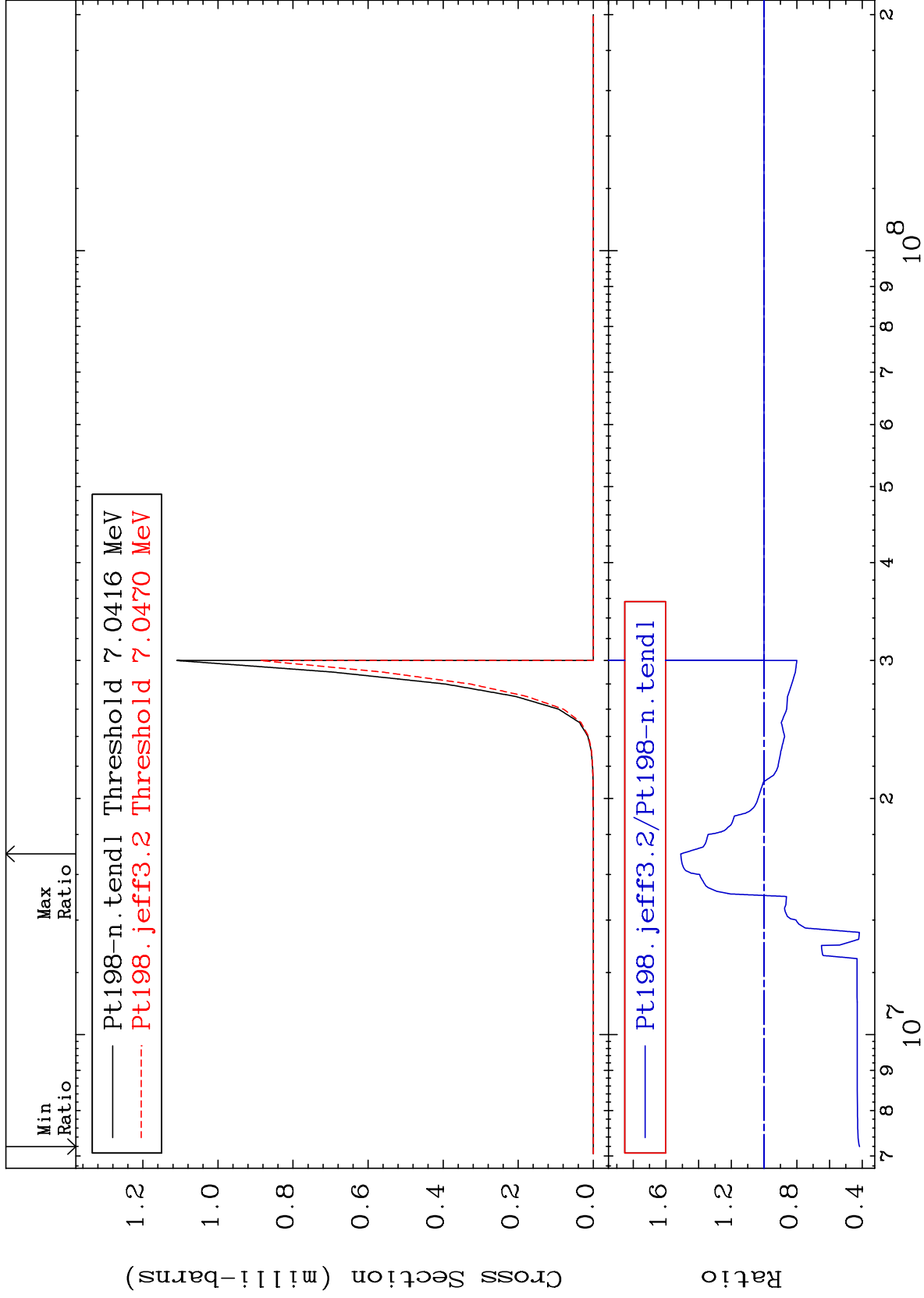
78-Pt-198
-82.60 To 37.41 %



MAT 7849

(n,2n) α
Cross Section

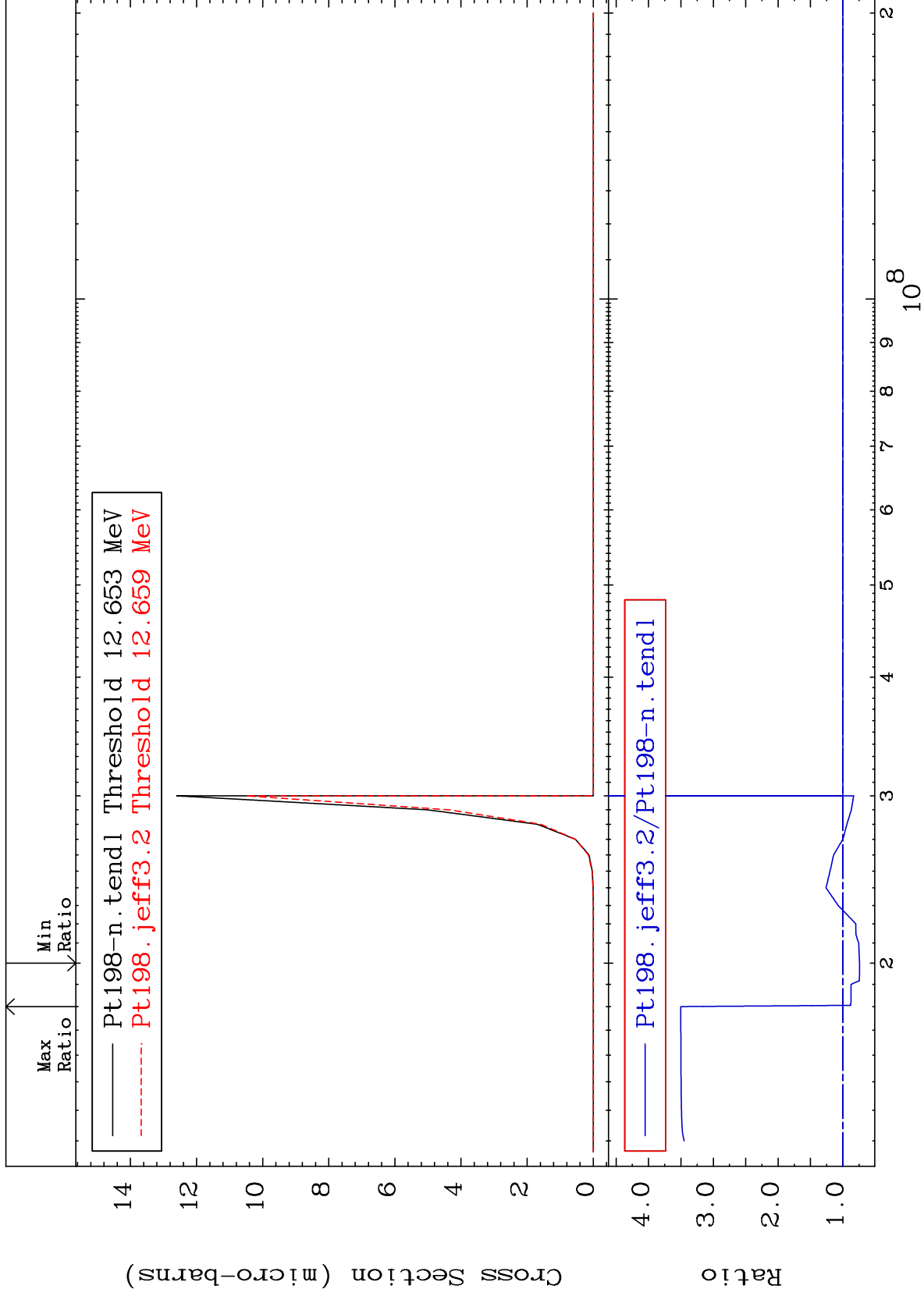
78-Pt-198
-58.35 To 50.94 %



MAT 7849

(n,3n) α
Cross Section

78-Pt-198
-25.73 To 250.2 %



10

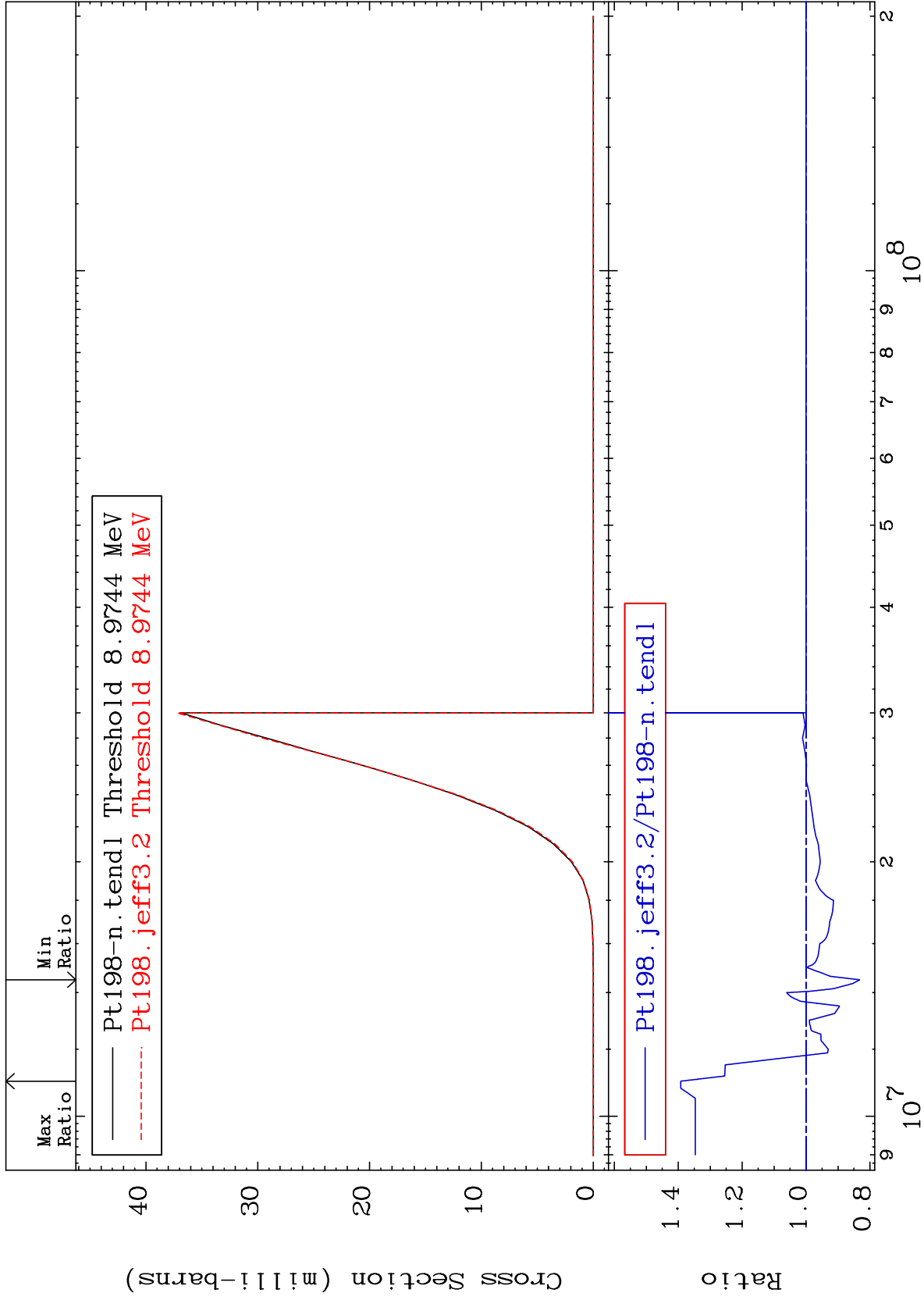
Incident Energy (eV)

78-Pt-198

MAT 7849

(n,n') p
Cross Section

78-Pt-198
-16.74 To 39.20 %



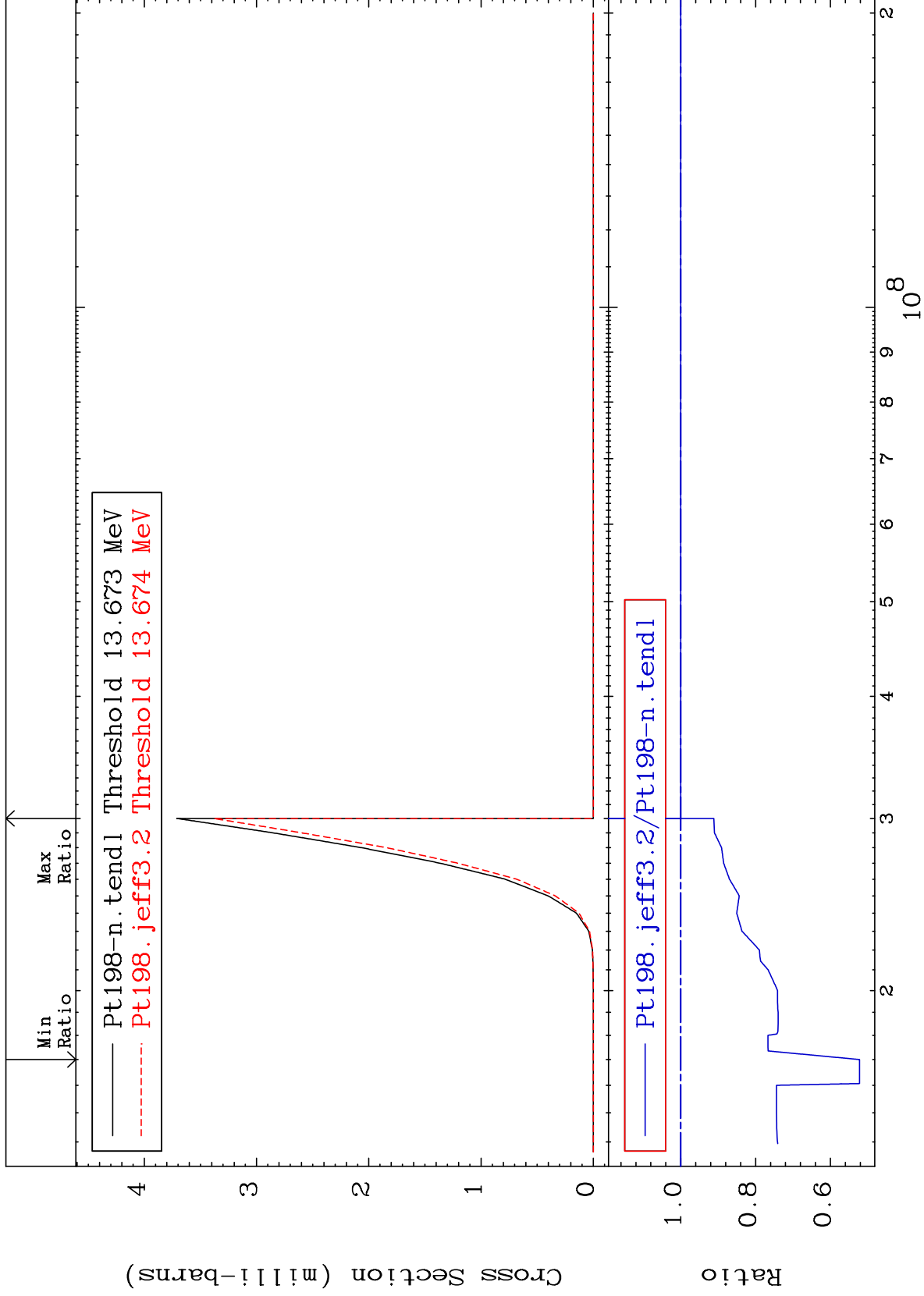
11

78-Pt-198

MAT 7849

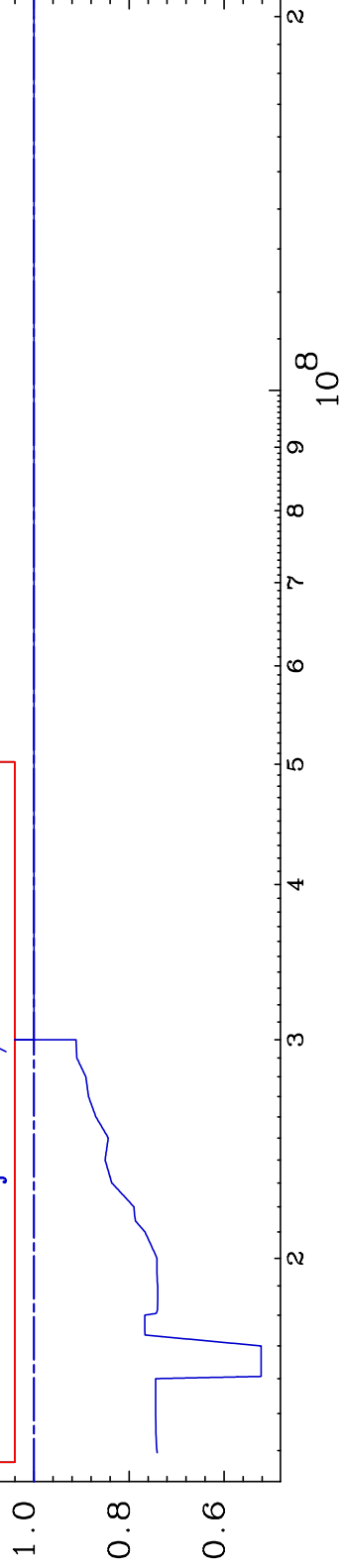
(n,n') d
Cross Section

78-Pt-198
-47.79 To 0.000 %



Pt198.jeff3.2/Pt198-n.tendl

Ratio



12

Incident Energy (eV)

78-Pt-198

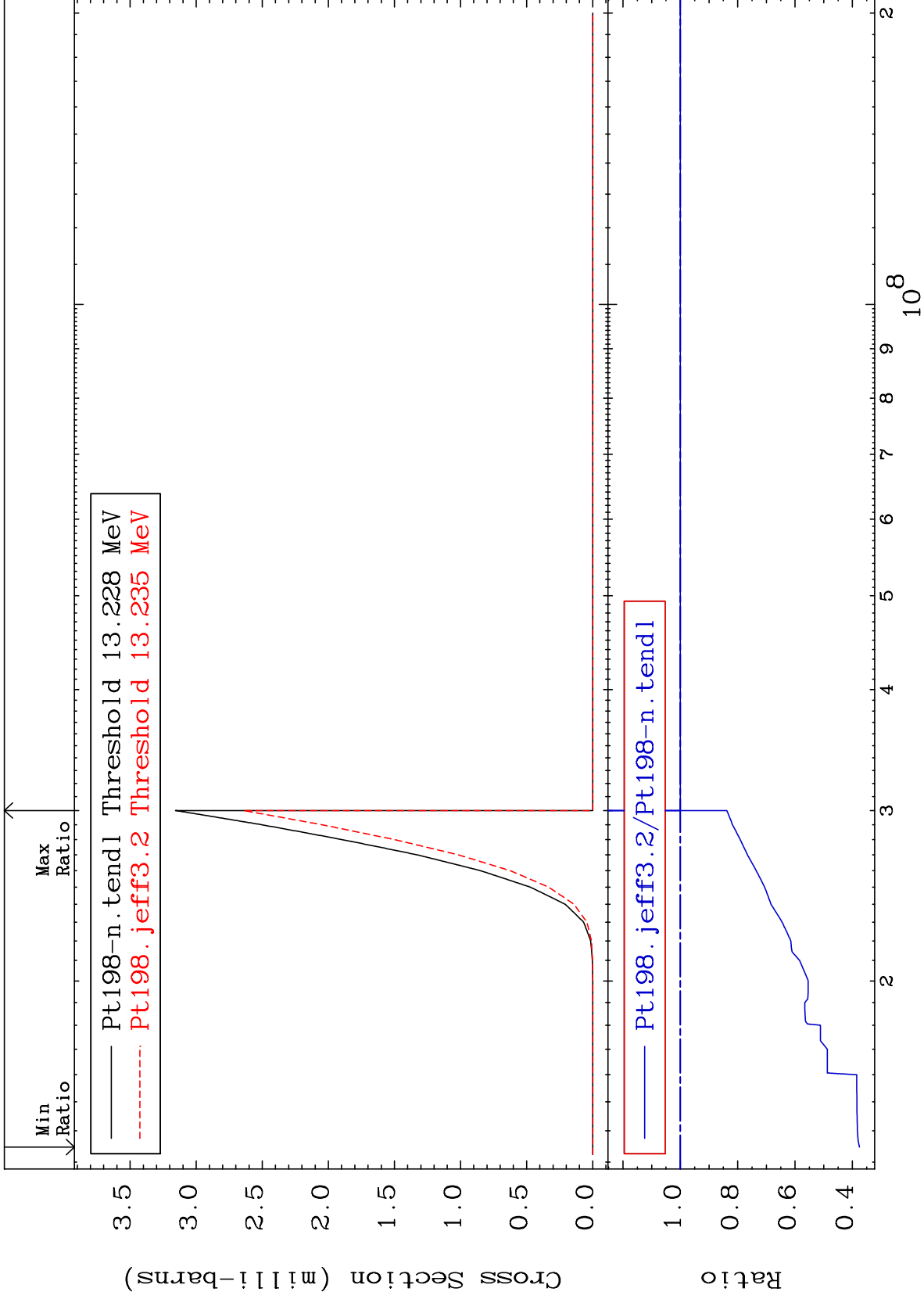
MAT 7849

(n,n') t

78-Pt-198

Cross Section

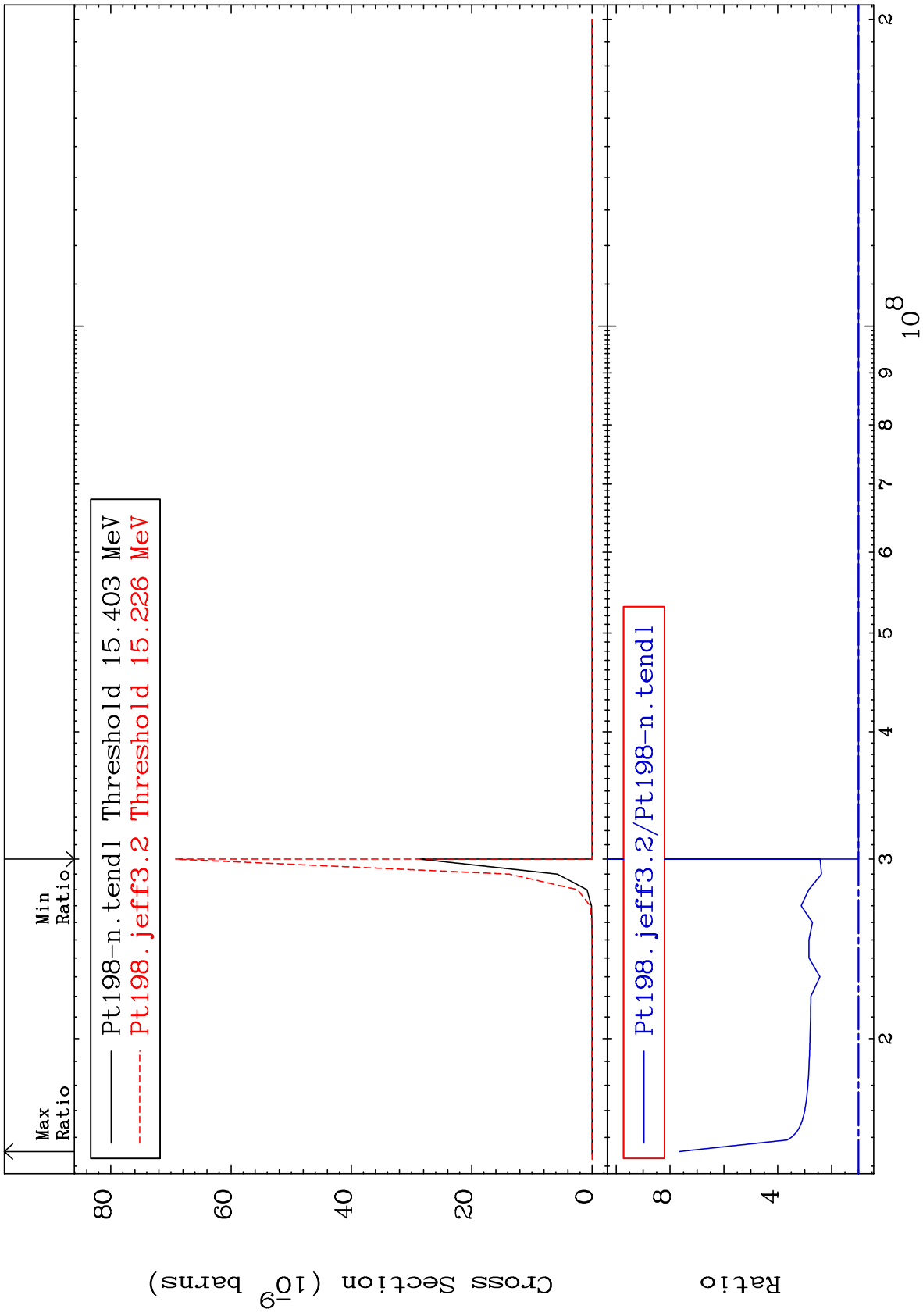
-62.45 To 0.000 %



MAT 7849

(n, n') He-3
Cross Section

78-Pt-198
0.000 To 664.4 %



14

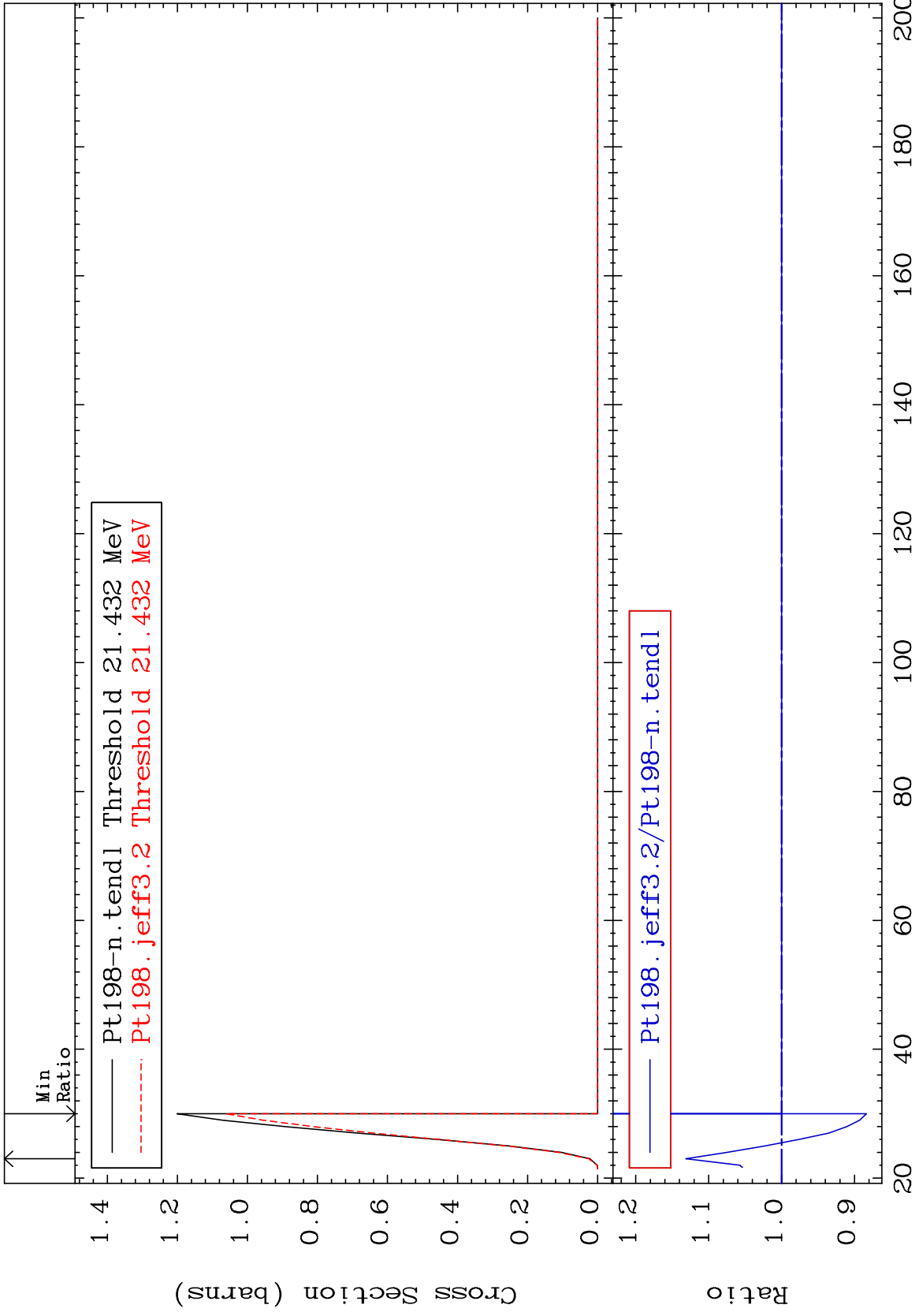
Incident Energy (eV)

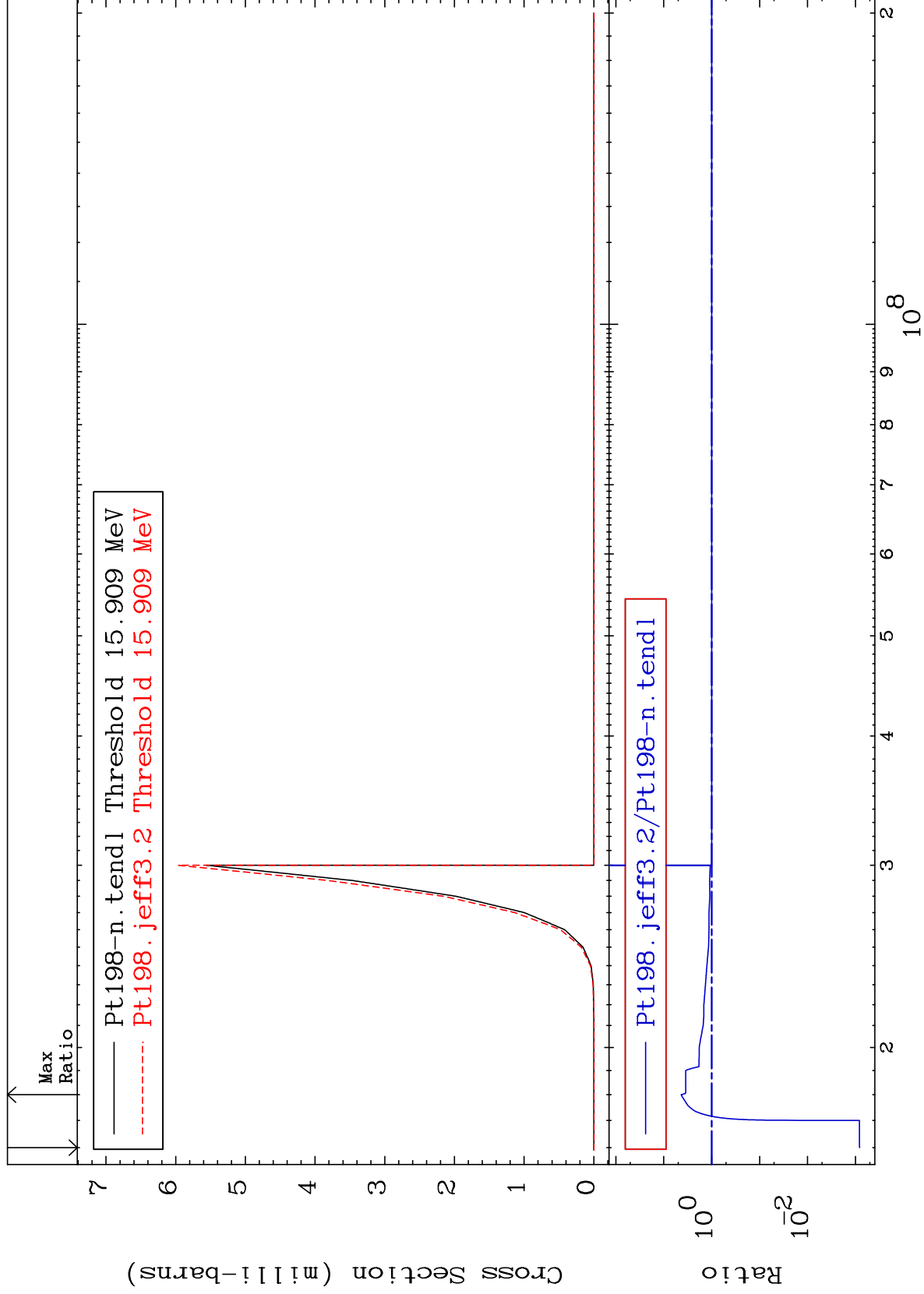
78-Pt-198

MAT 7849

(n,4n)
Cross Section

78-Pt-198
-11.64 To 13.11 %

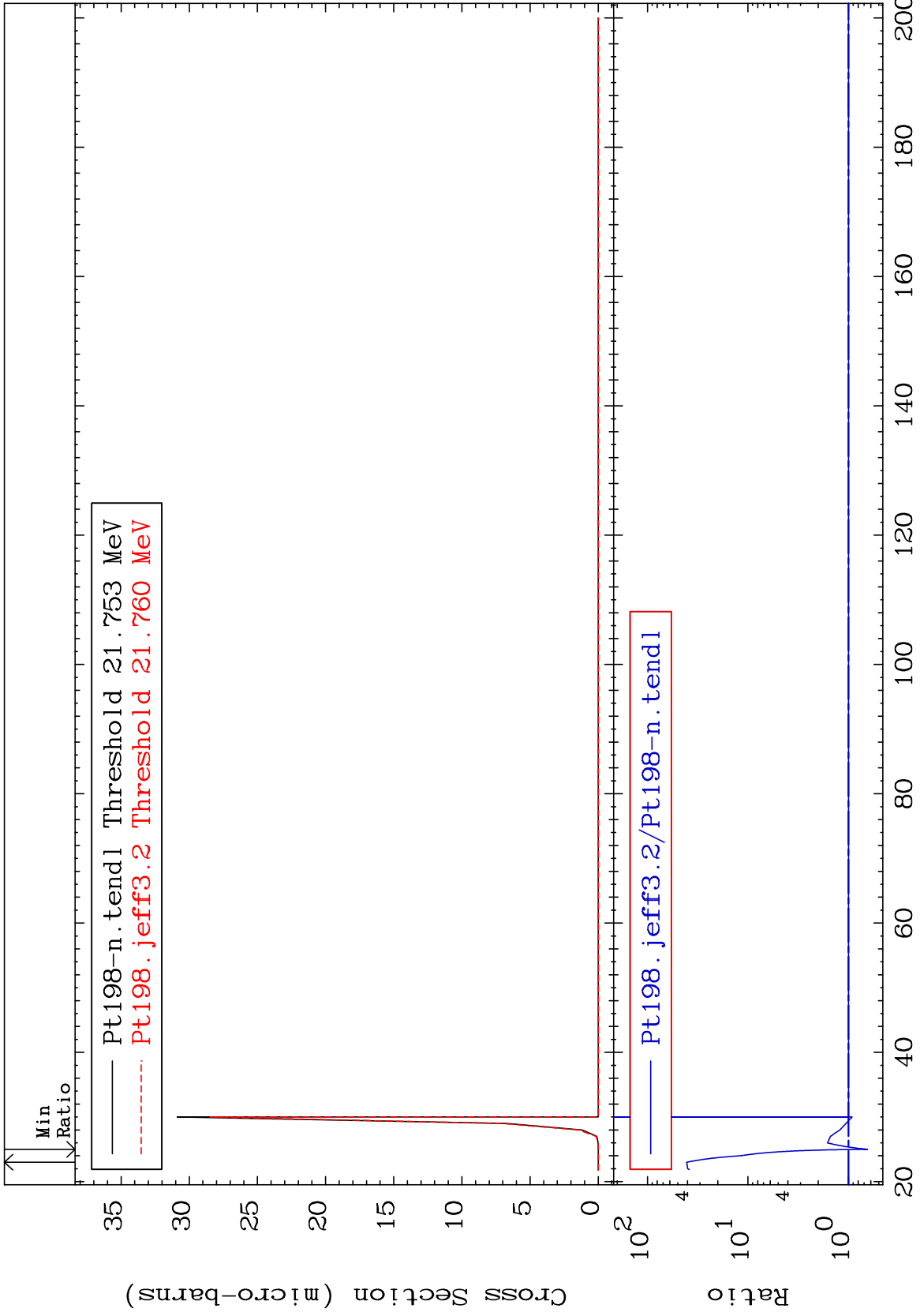




MAT 7849

(n,3n) p
Cross Section

78-Pt-198
-35.25 To 3970. %



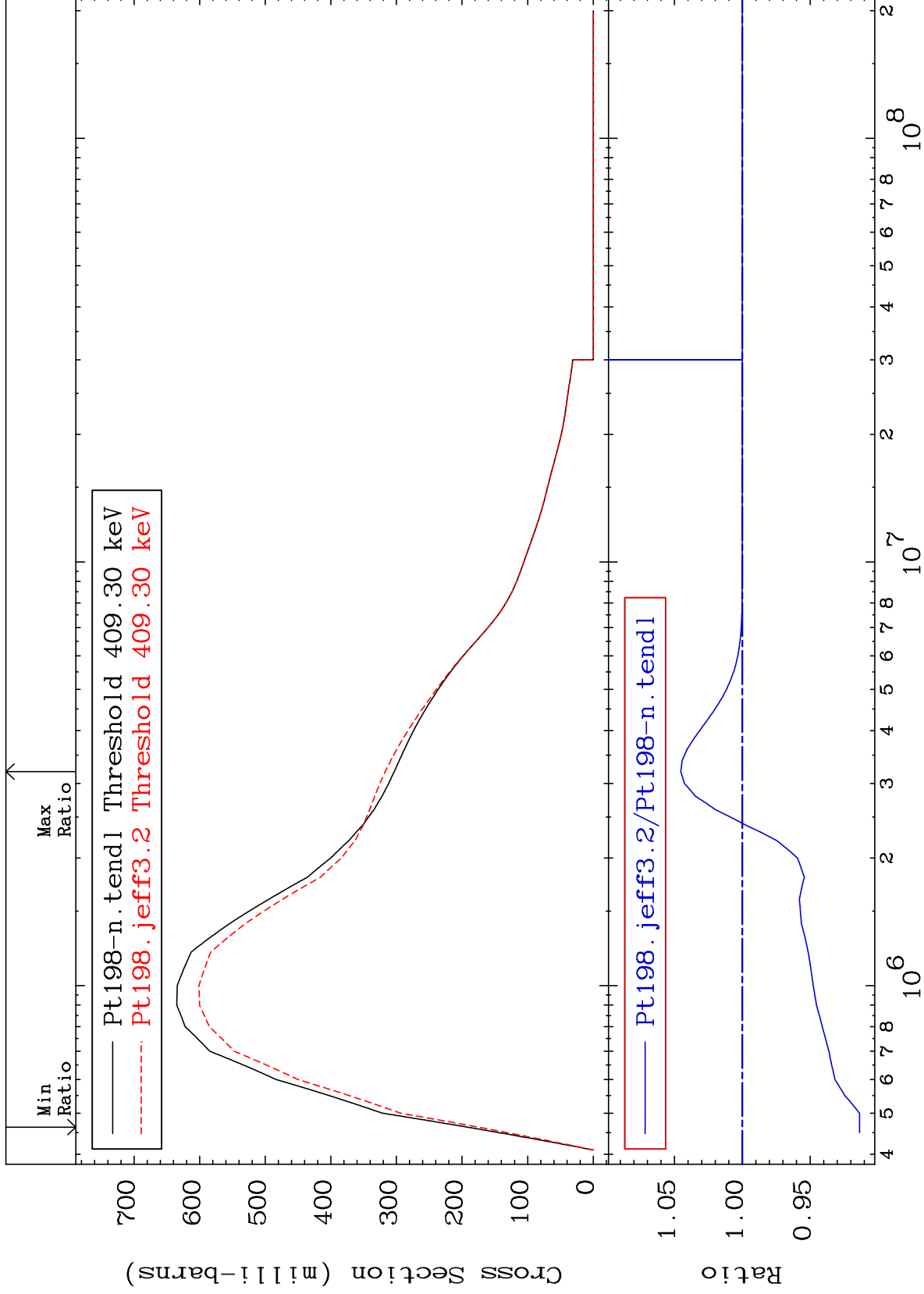
MAT 7849

407.2 keV (n,n') Level

78-Pt-198

Cross Section

-8.647 To 4.541 %



18

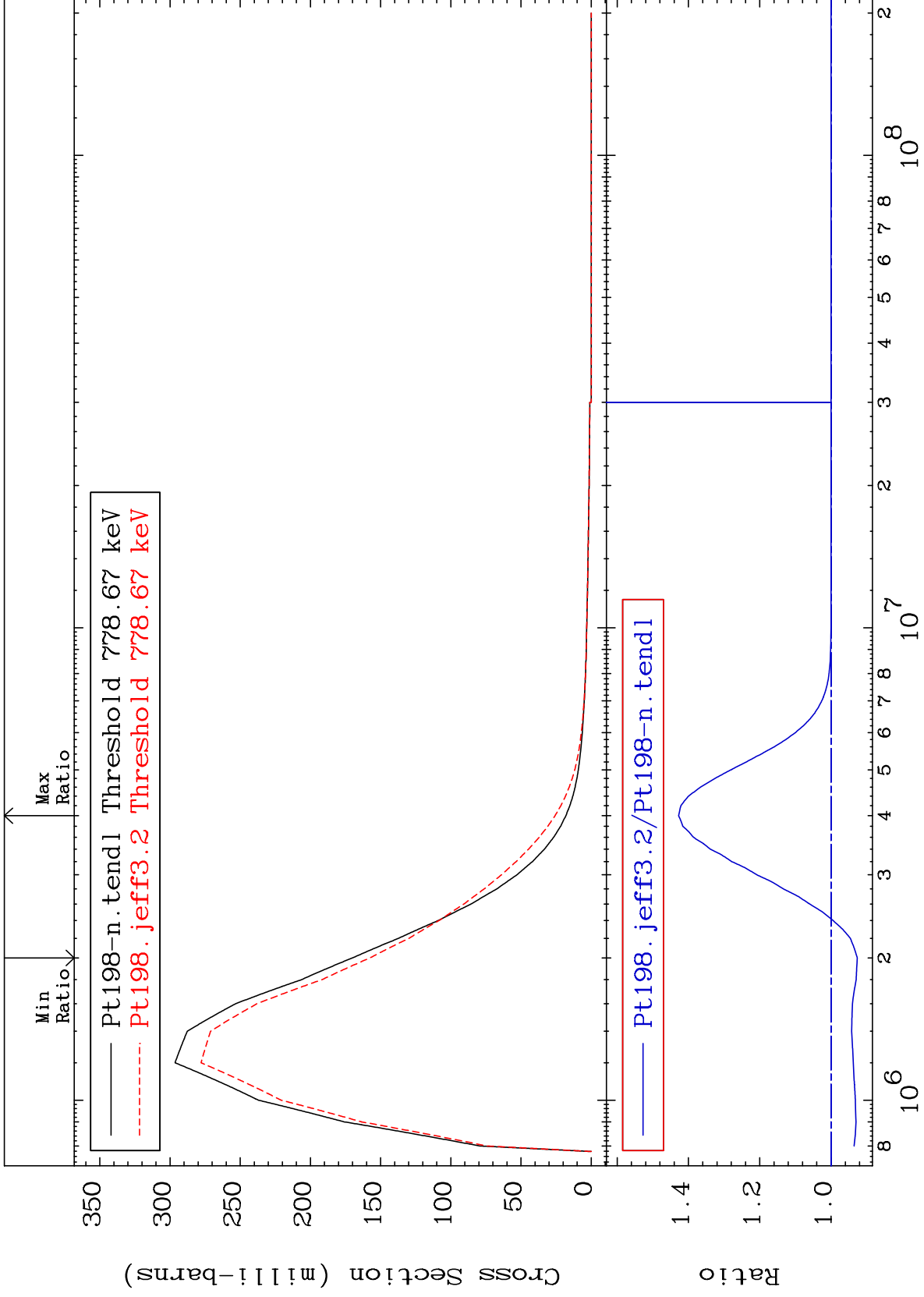
Incident Energy (eV)

78-Pt-198

MAT 7849

774.7 keV (n,n') Level
Cross Section

78-Pt-198
-7.355 To 42.76 %



19

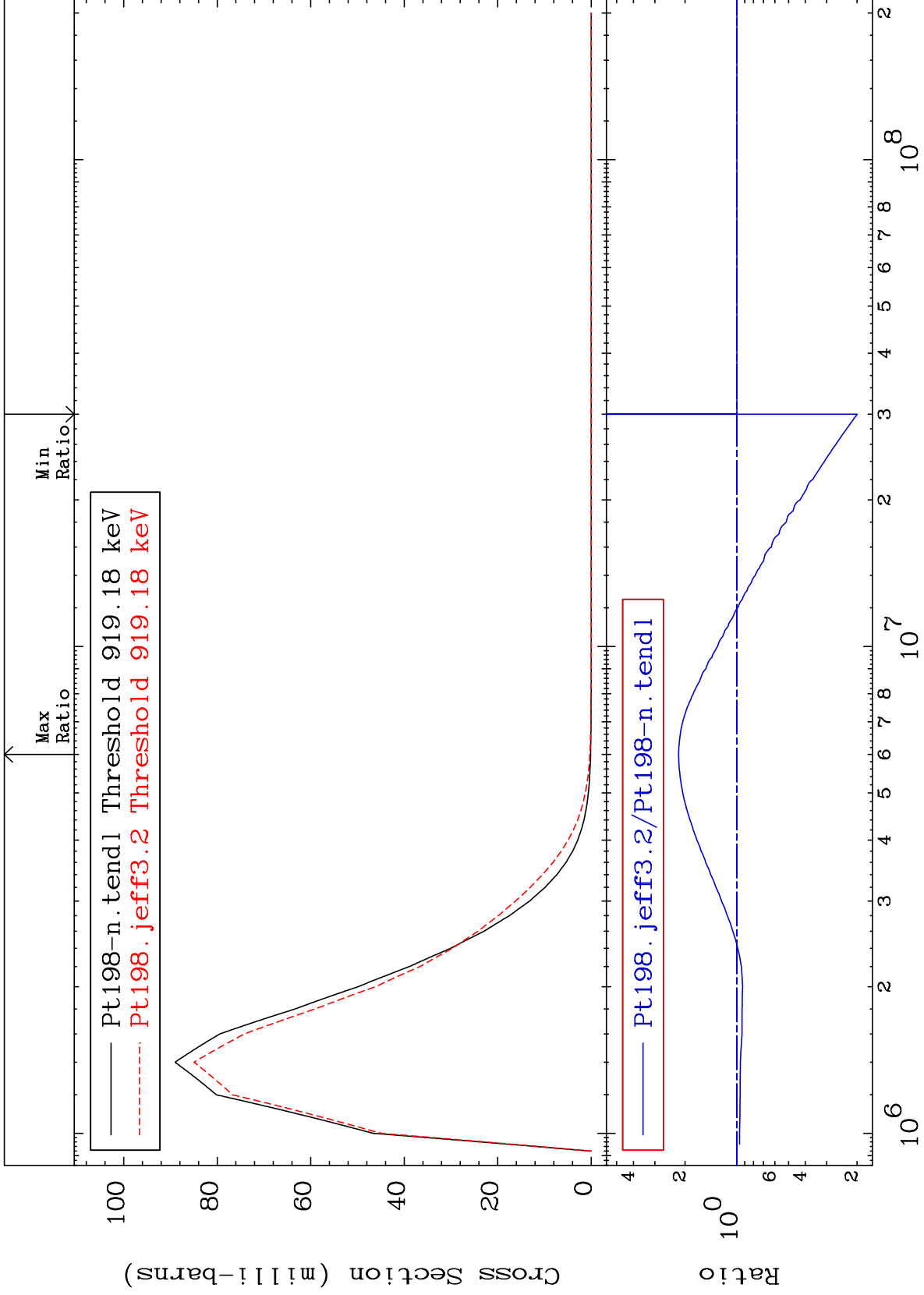
Incident Energy (eV)

78-Pt-198

MAT 7849

914.5 keV (n,n') Level
Cross Section

78-Pt-198
-80.08 To 118.1 %



20

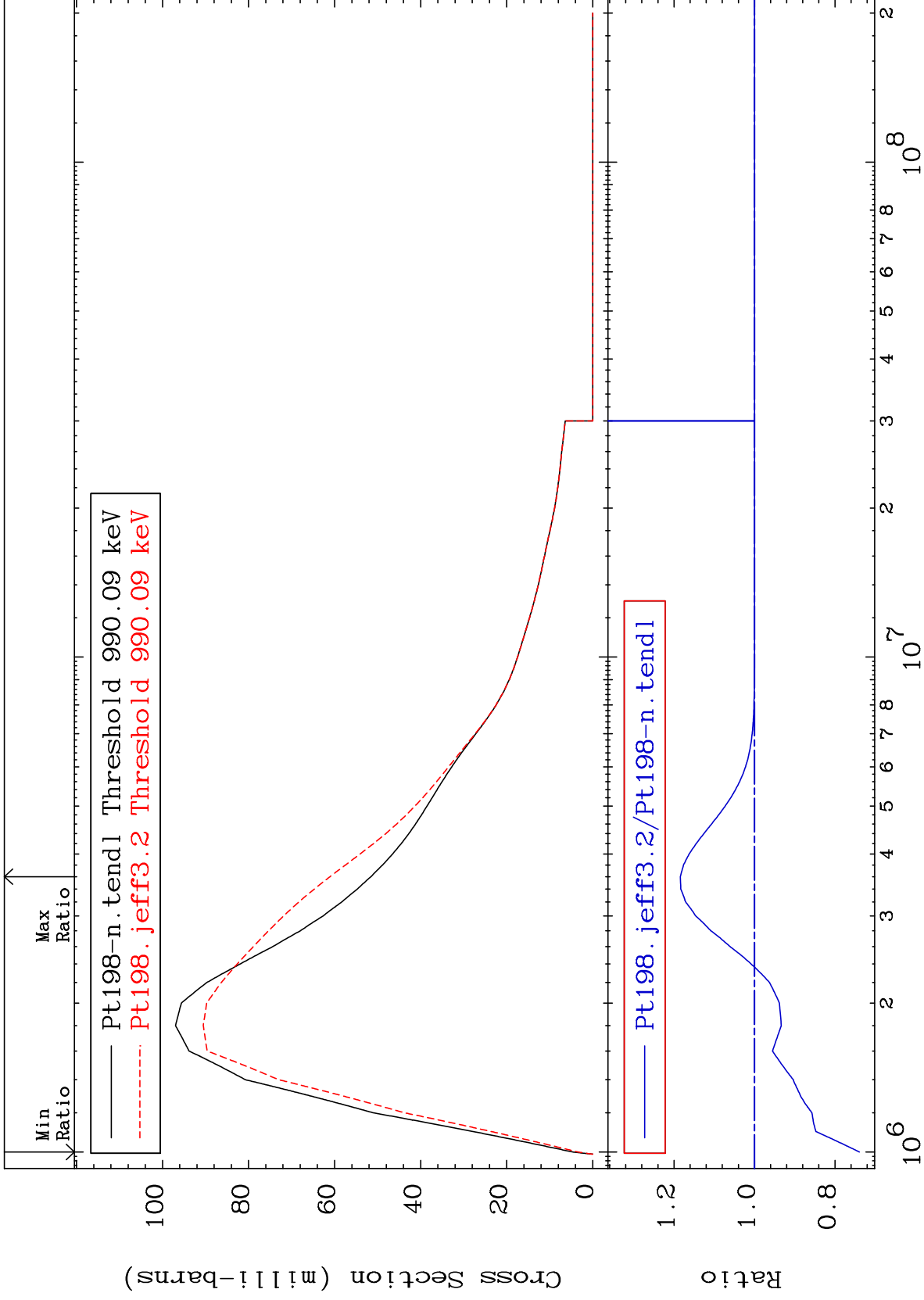
Incident Energy (eV)

78-Pt-198

MAT 7849

985.1 keV (n,n') Level
Cross Section

78-Pt-198
-26.08 To 18.42 %



21

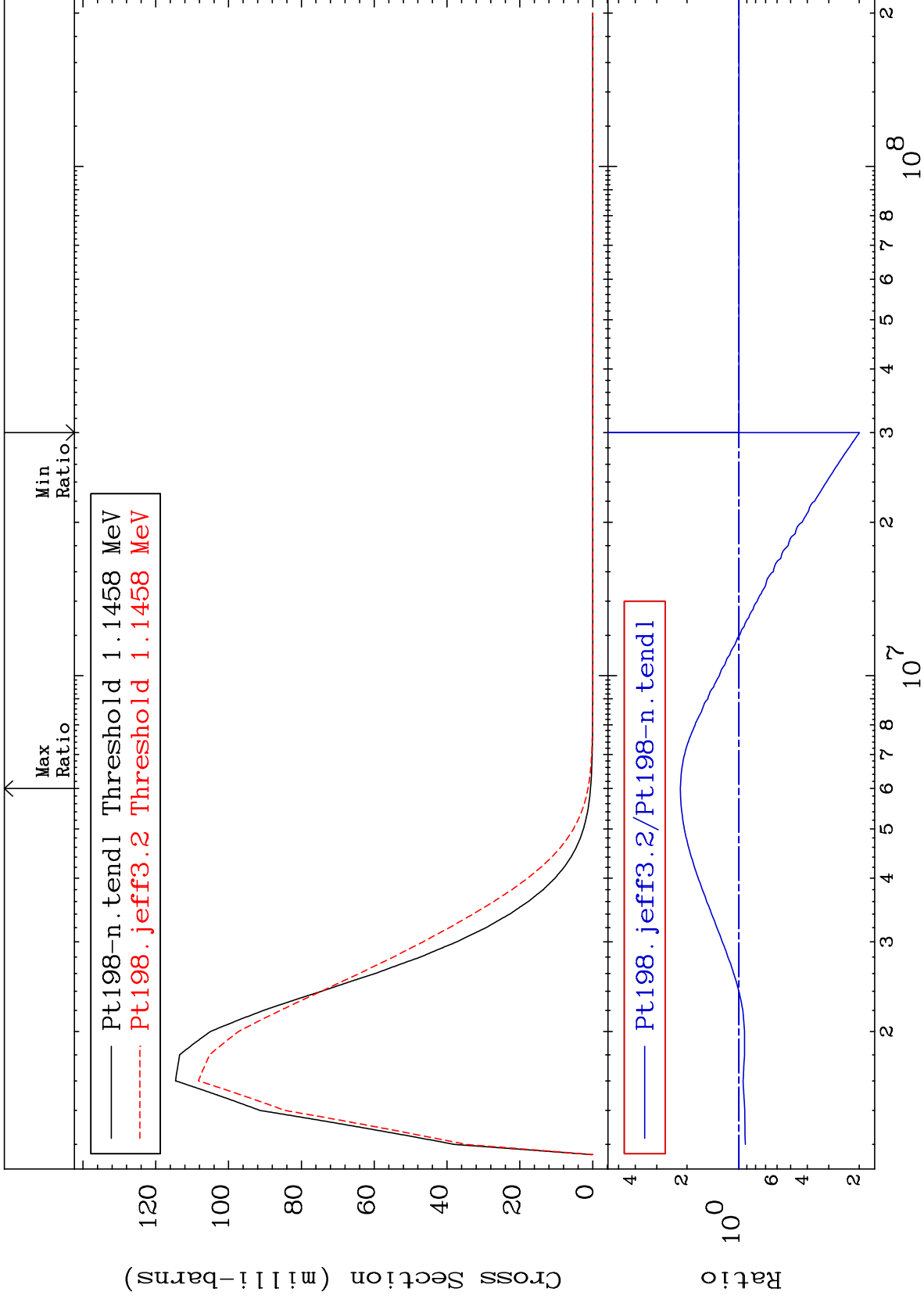
Incident Energy (eV)

78-Pt-198

MAT 7849

1.140 MeV (n,n') Level
Cross Section

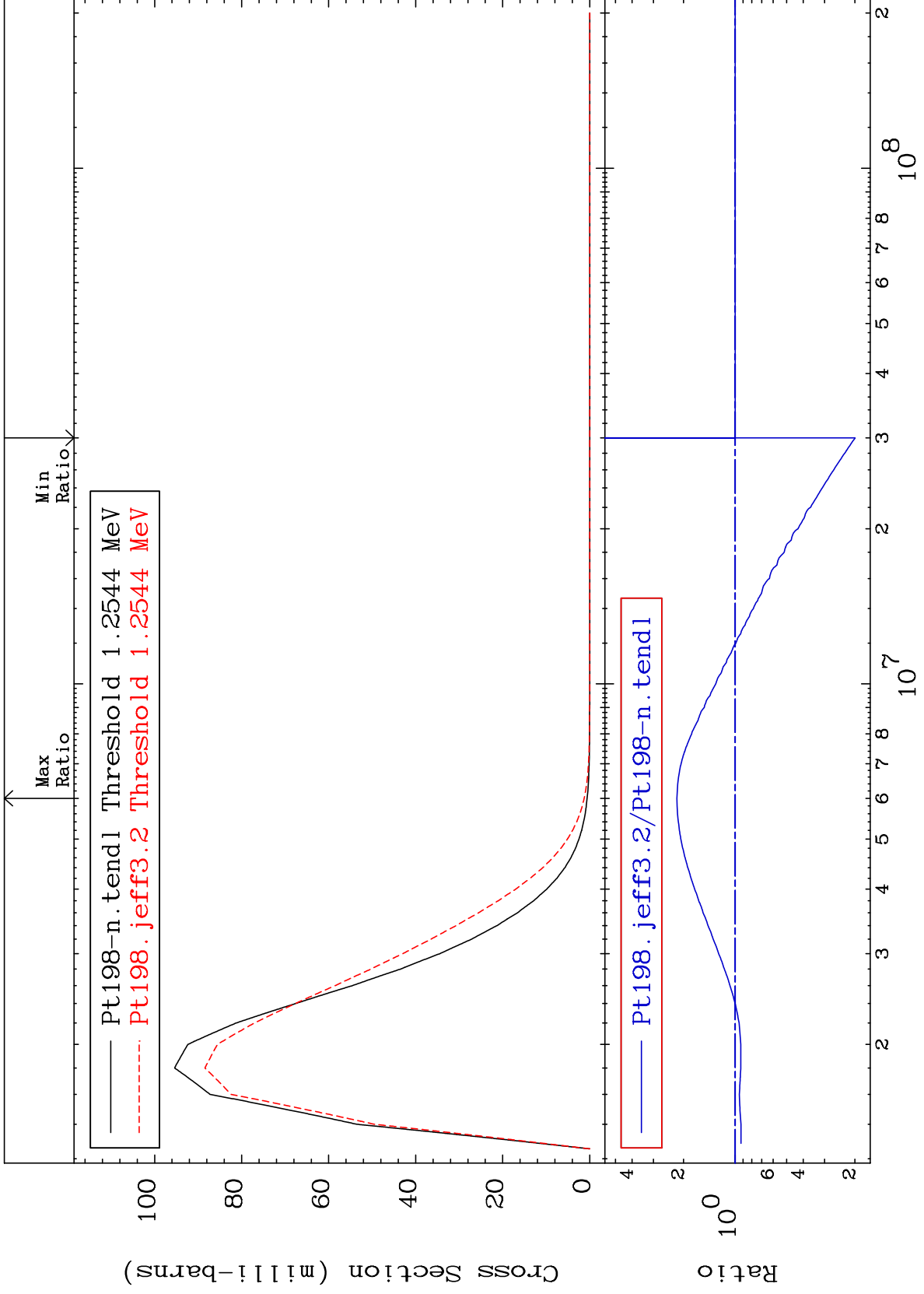
78-Pt-198
-80.07 To 118.7 %



MAT 7849

1.248 MeV (n,n') Level
Cross Section

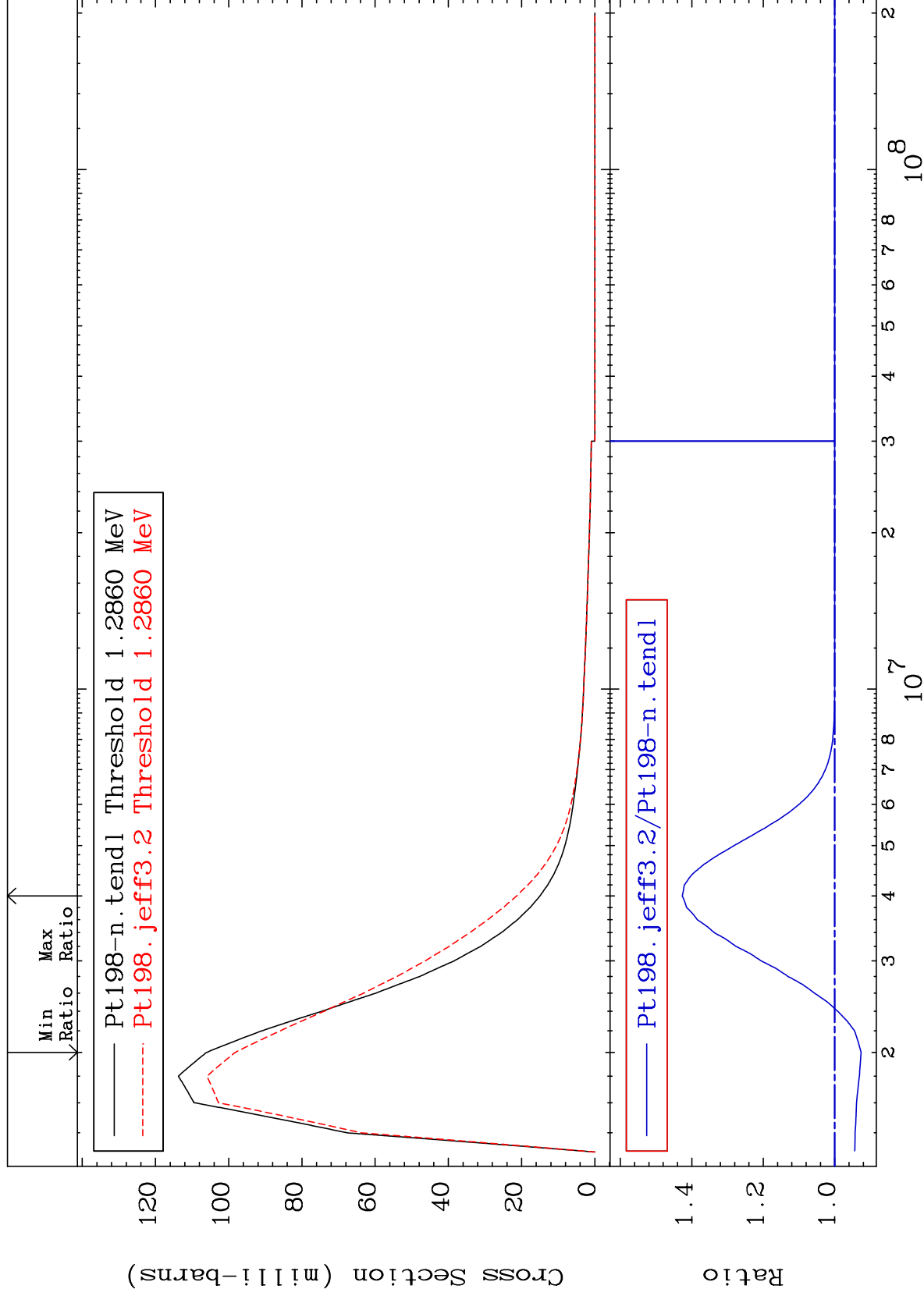
78-Pt-198
-80.07 To 118.7 %



MAT 7849

1.279 MeV (n,n') Level
Cross Section

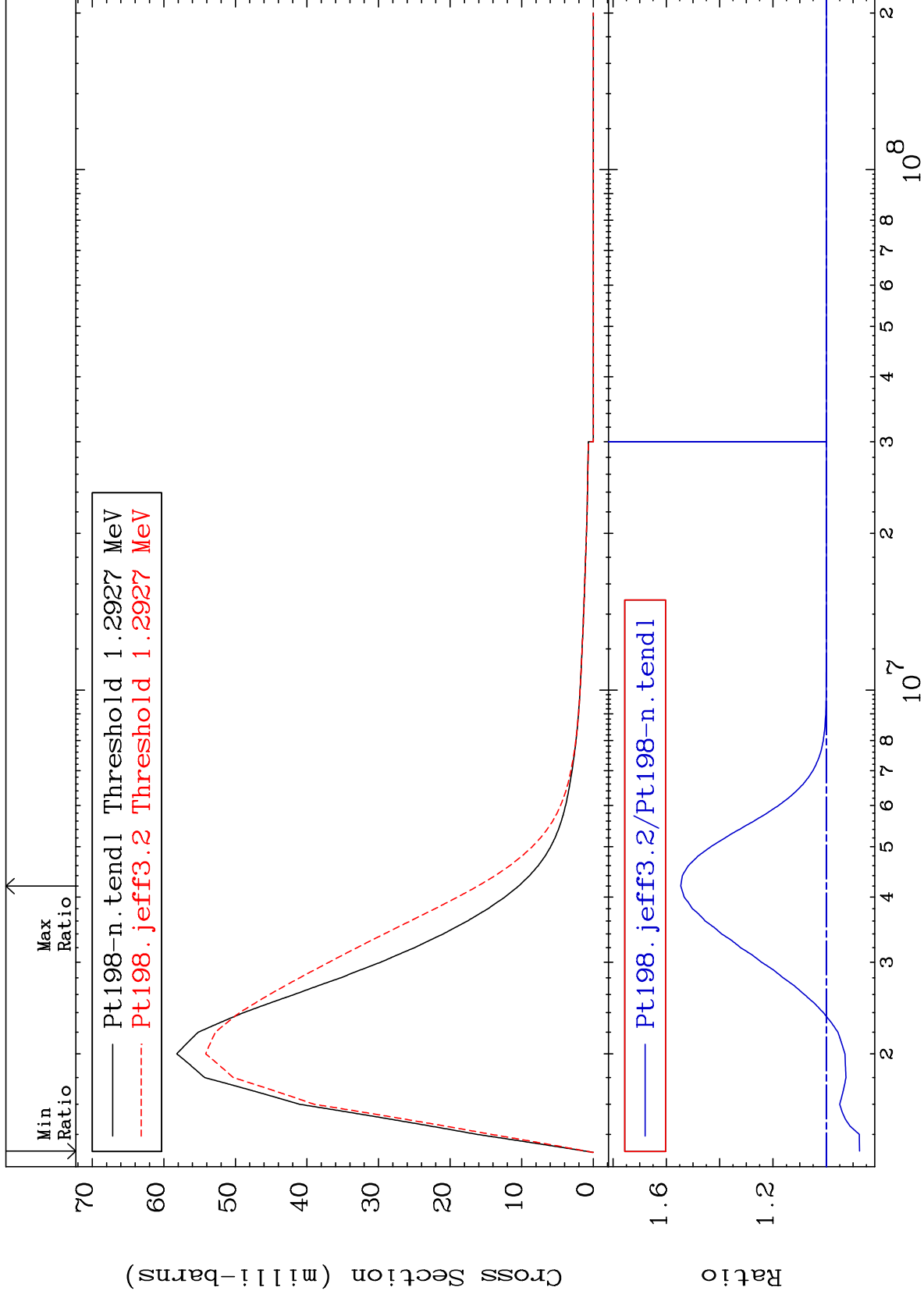
78-Pt-198
-7.384 To 42.64 %

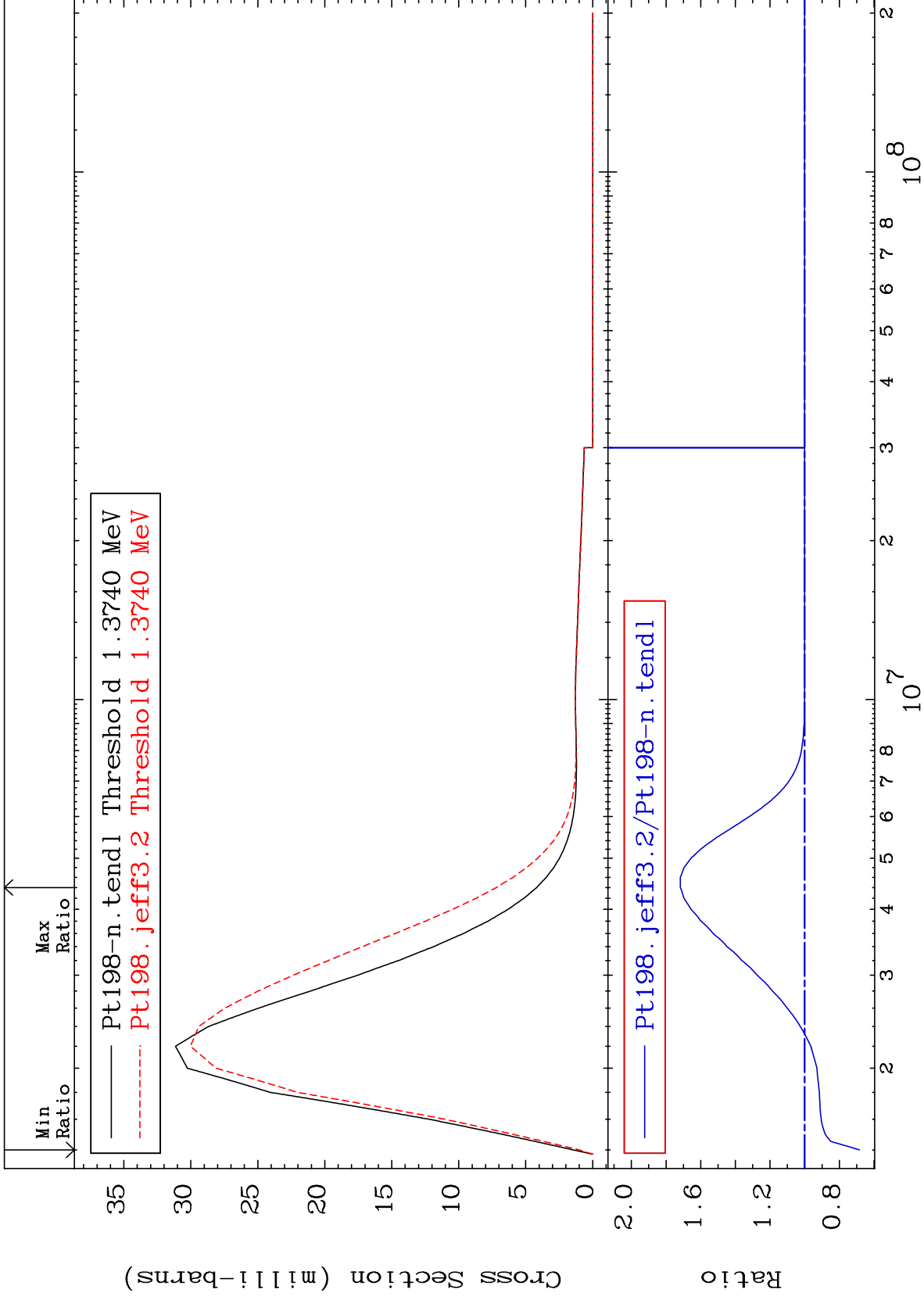


MAT 7849

1.286 MeV (n,n') Level
Cross Section

78-Pt-198
-12.45 To 54.61 %

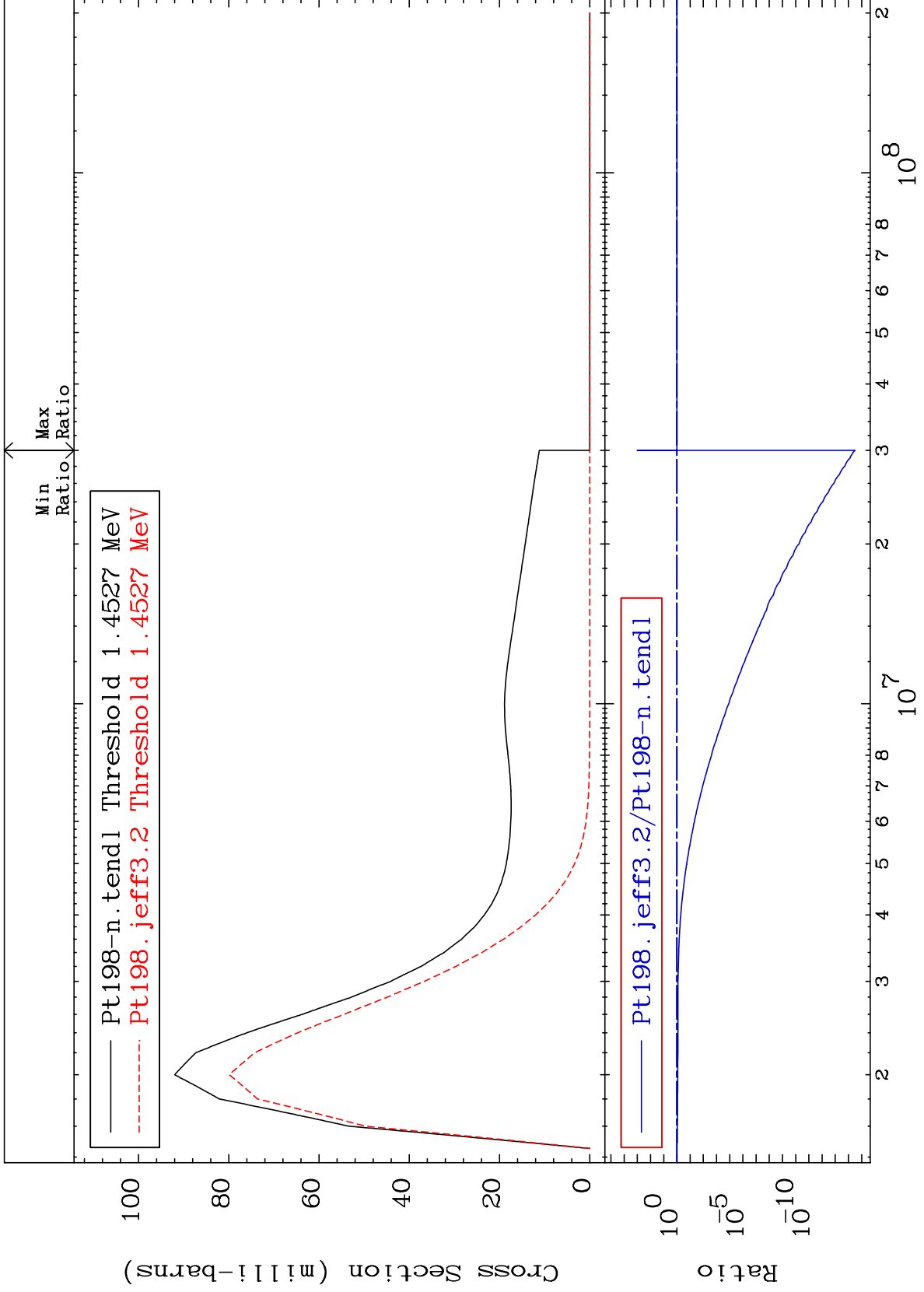




MAT 7849

1.445 MeV (n,n') Level
Cross Section

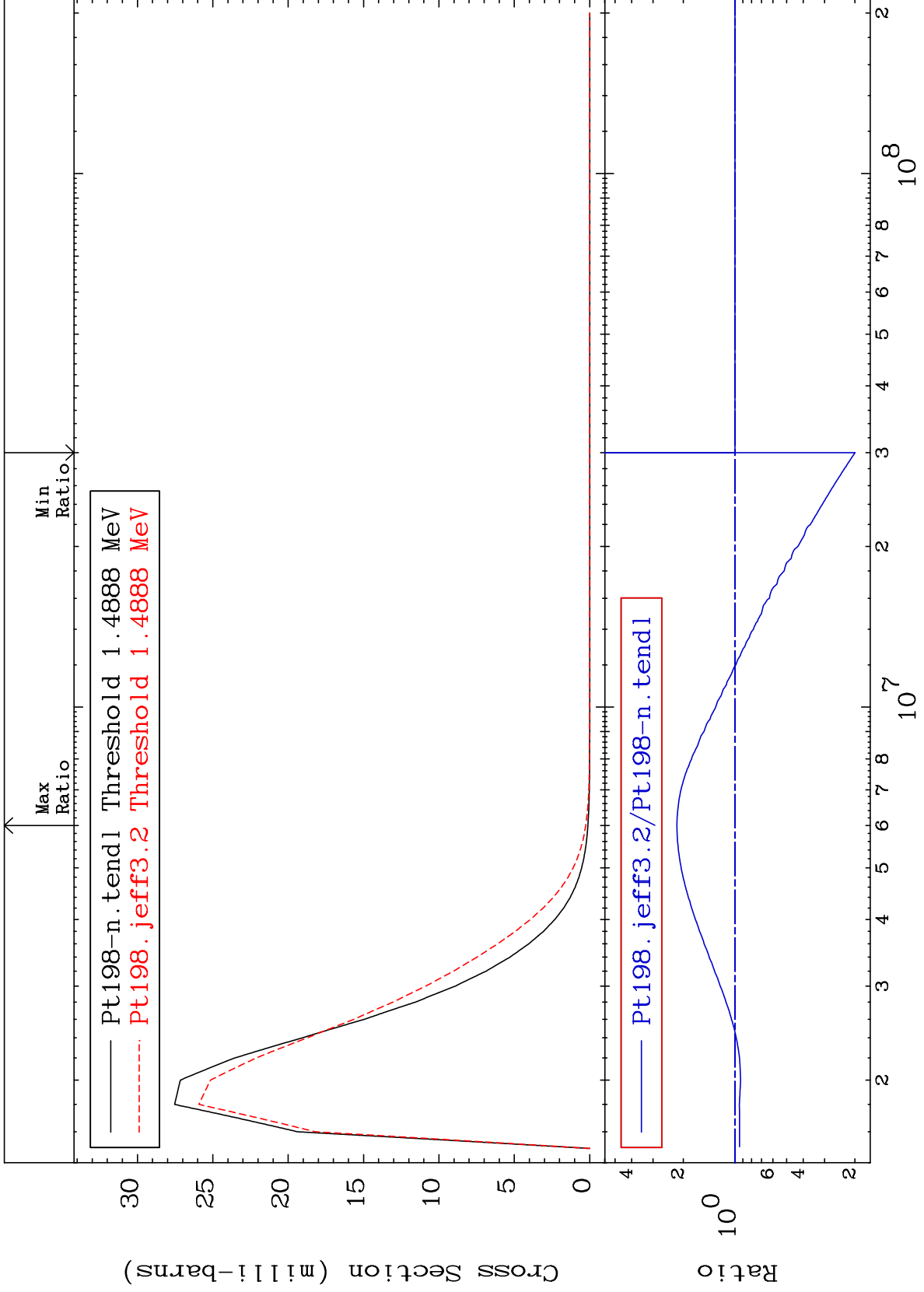
78-Pt-198
-100.0 To 0.000 %

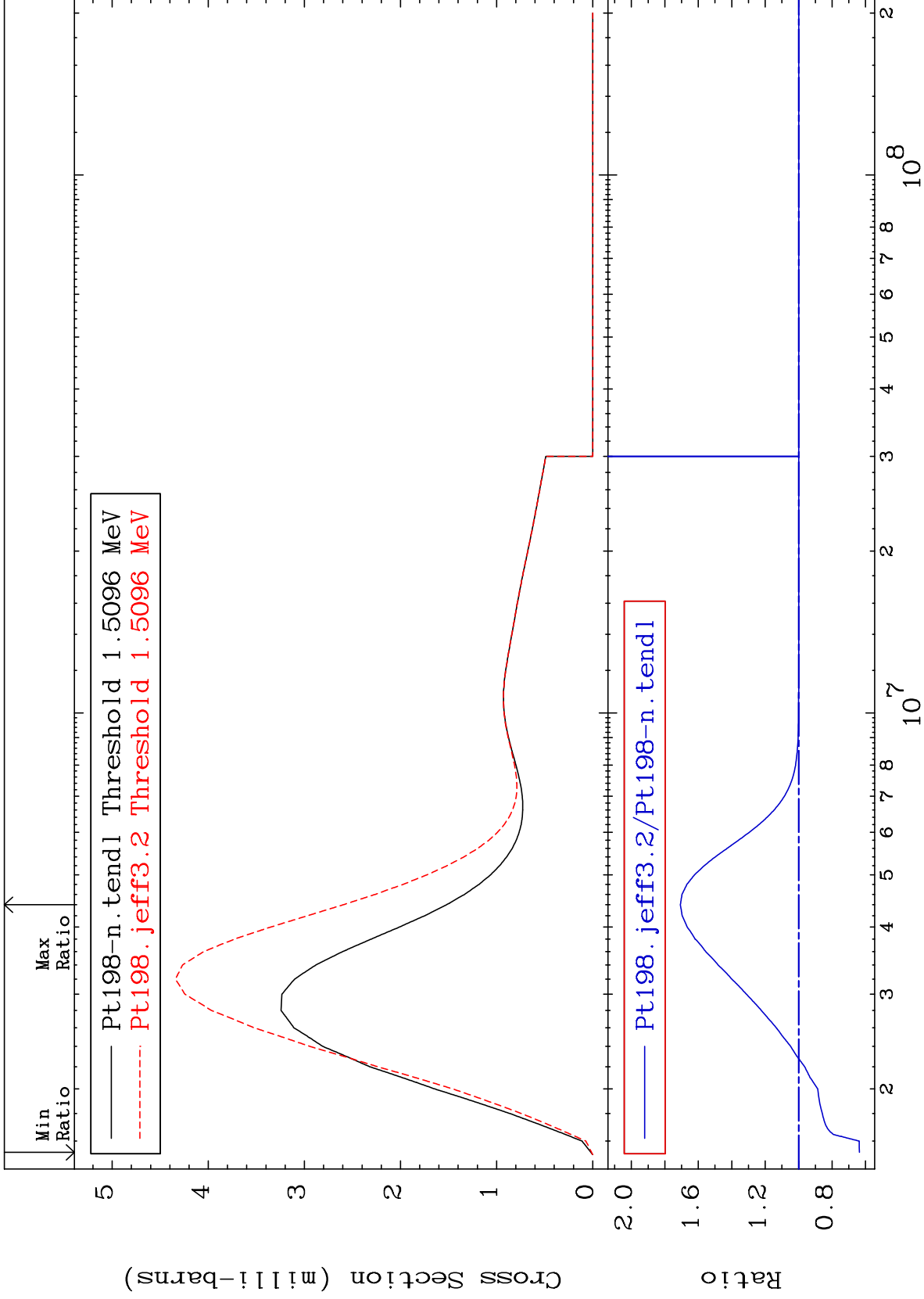


MAT 7849

1.481 MeV (n,n') Level
Cross Section

78-Pt-198
-80.08 To 117.9 %

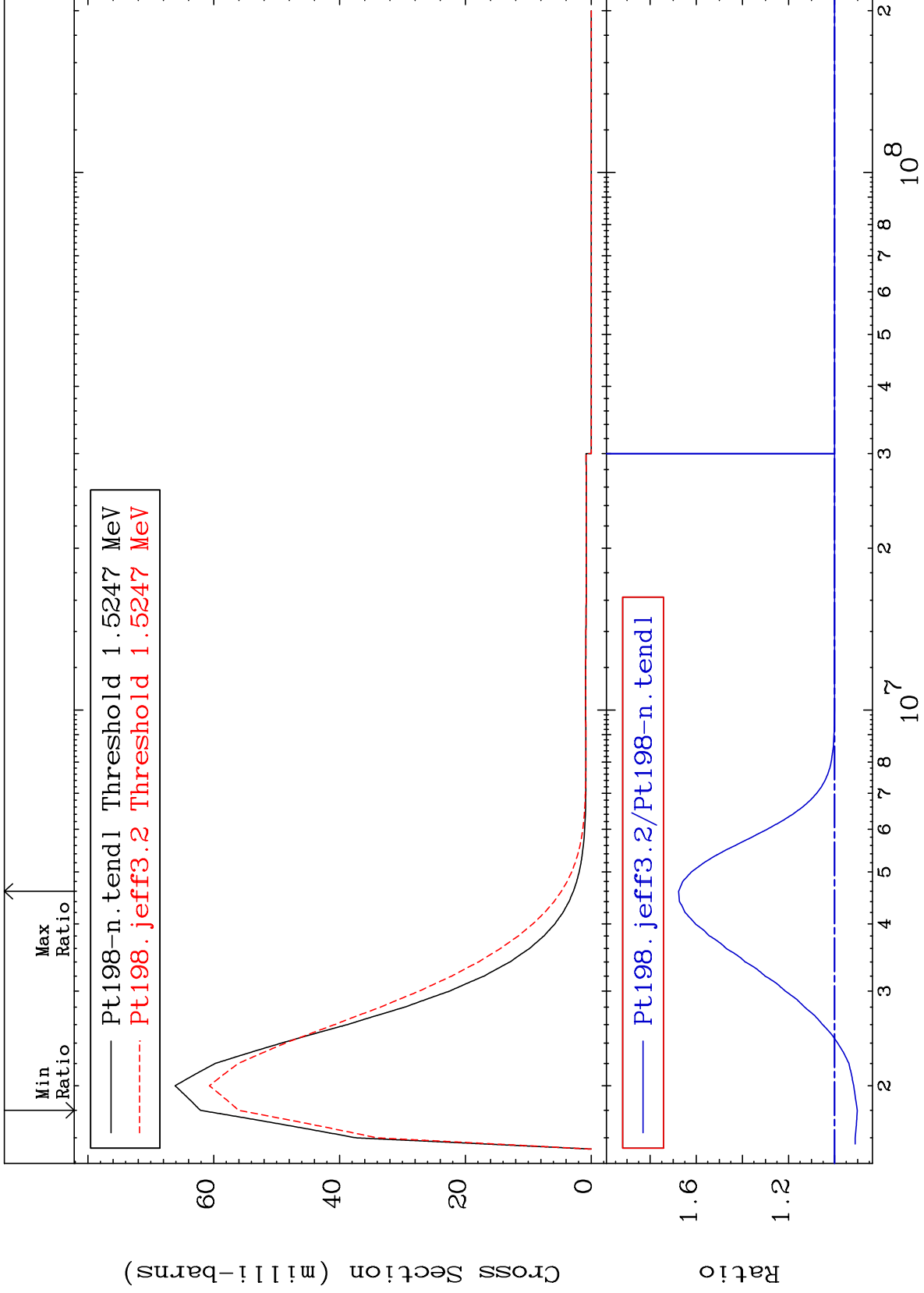




MAT 7849

1.517 MeV (n,n') Level
Cross Section

78-Pt-198
-9.810 To 67.65 %



30

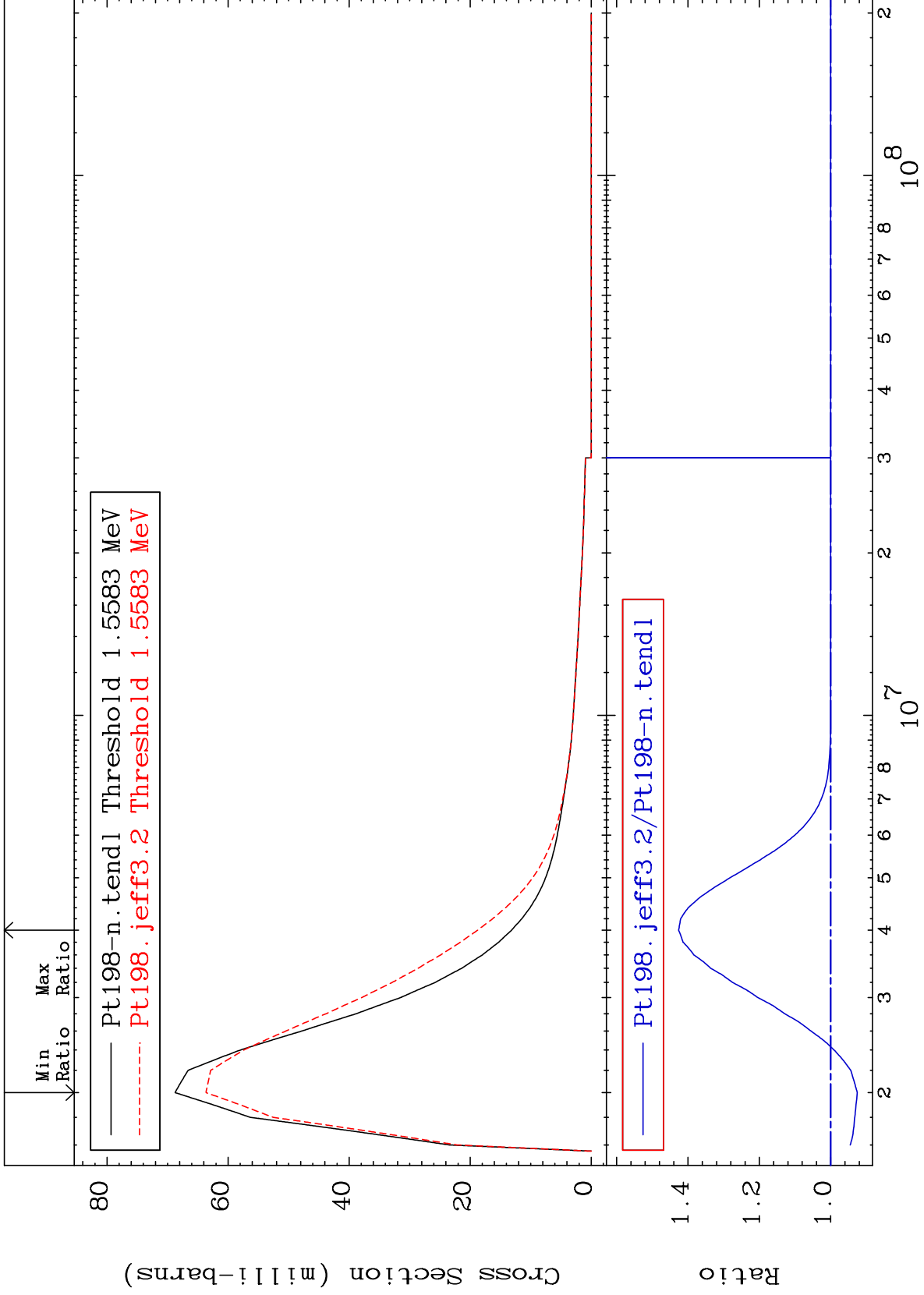
Incident Energy (eV)

78-Pt-198

MAT 7849

1.550 MeV (n,n') Level
Cross Section

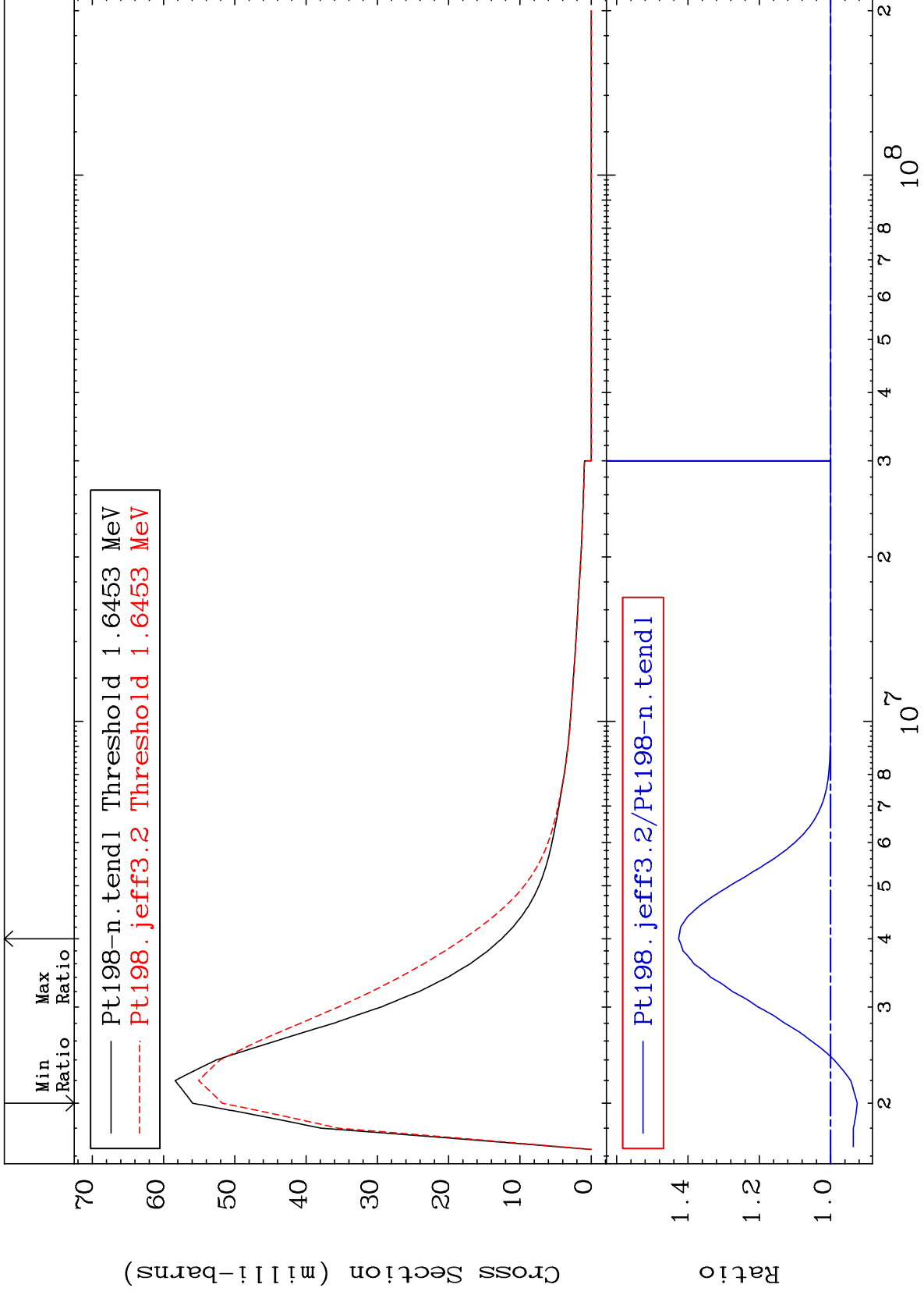
78-Pt-198
-7.438 To 42.63 %



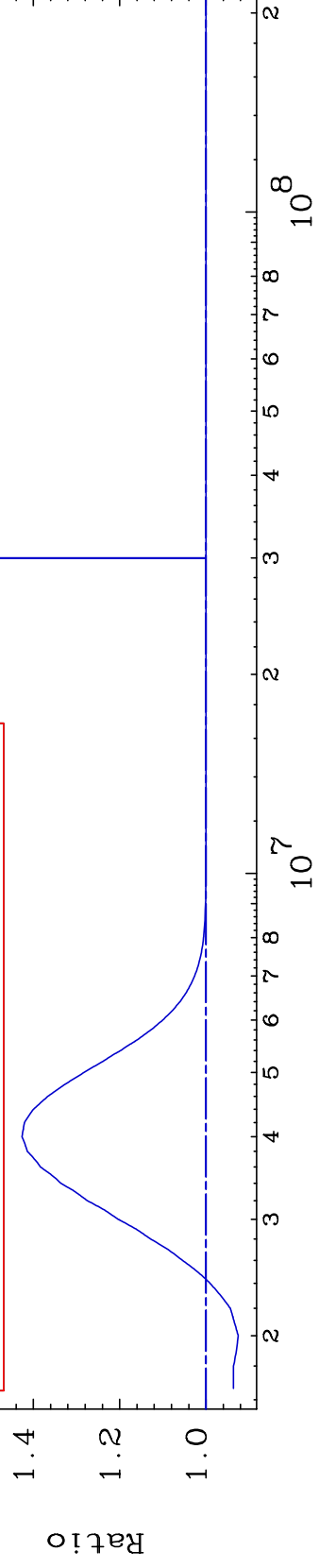
MAT 7849

1.637 MeV (n,n') Level
Cross Section

78-Pt-198
-7.455 To 42.63 %



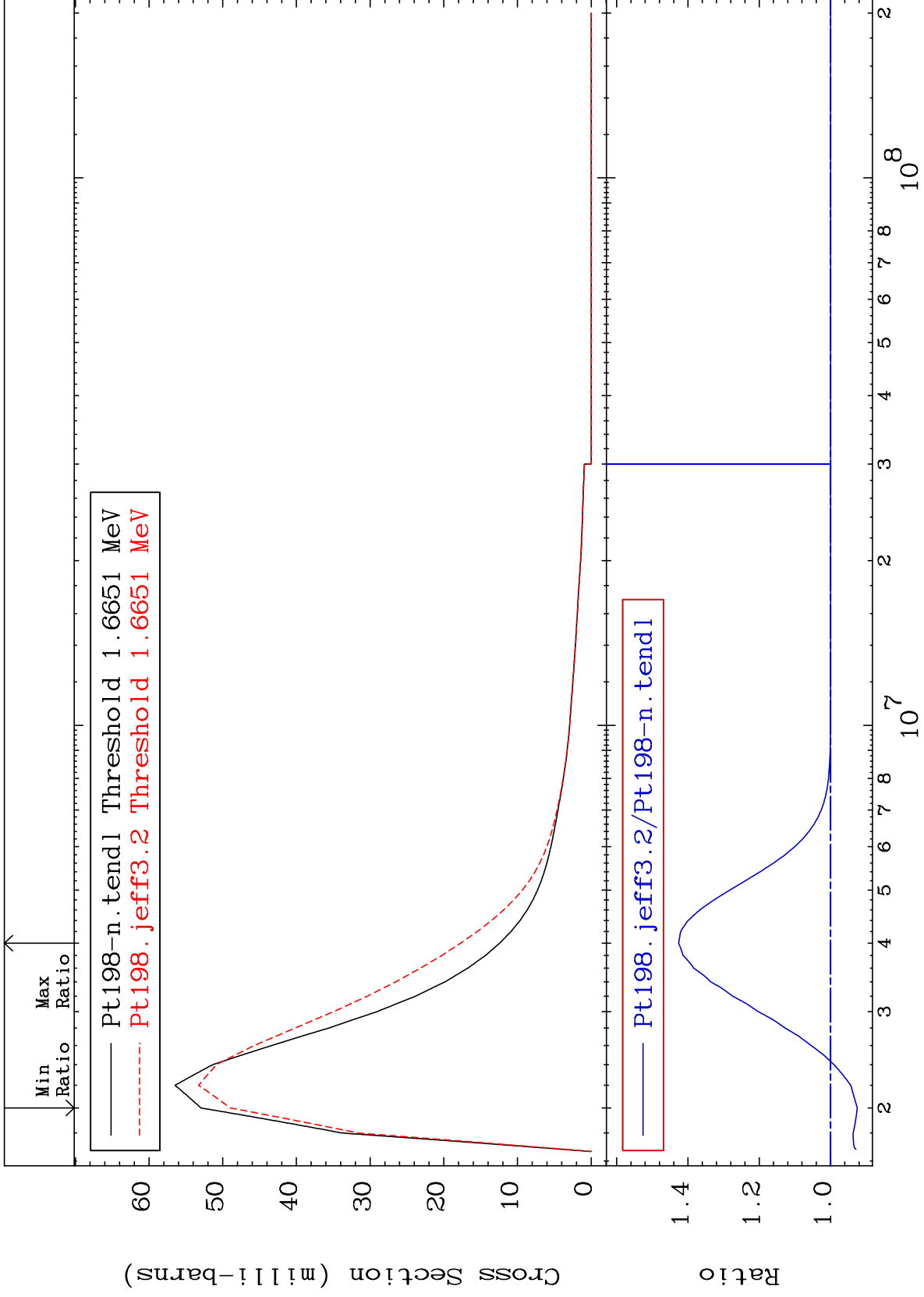
Pt198.jeff3.2/Pt198-n.tendl



MAT 7849

1.657 MeV (n,n') Level
Cross Section

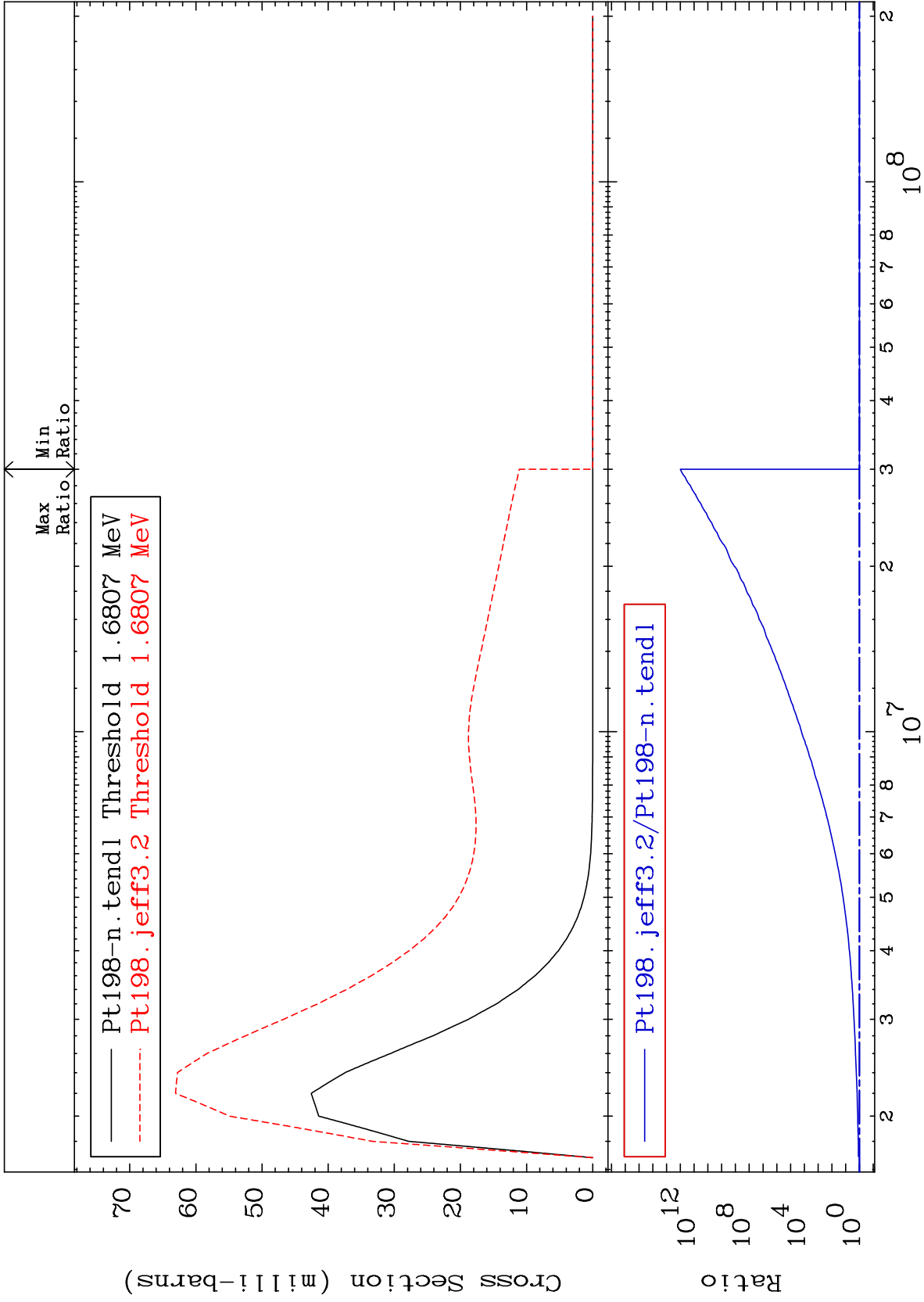
78-Pt-198
-7.497 To 42.62 %



MAT 7849

1.672 MeV (n,n') Level
Cross Section

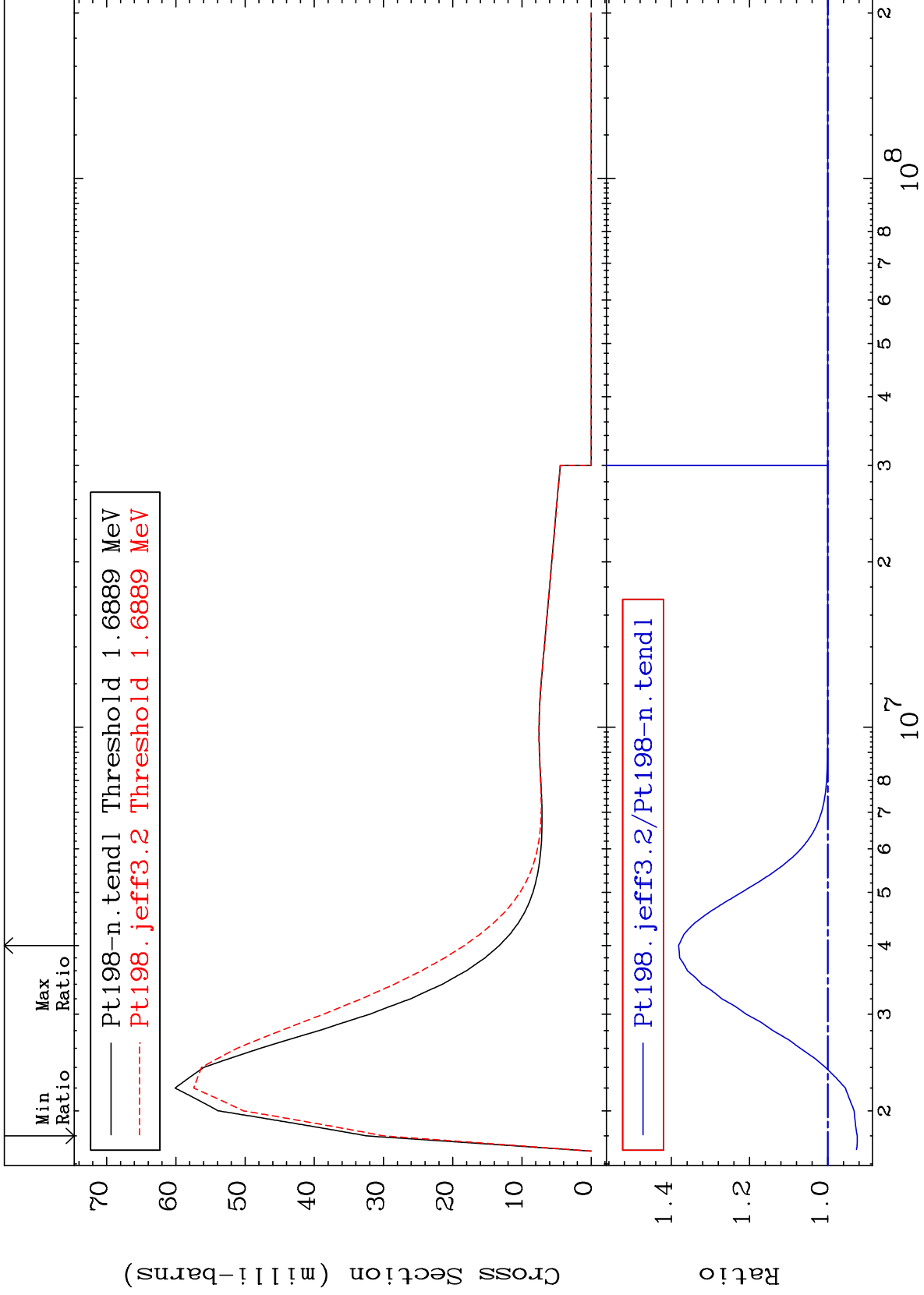
78-Pt-198
0.000 To 9999. %



MAT 7849

1.680 MeV (n,n') Level
Cross Section

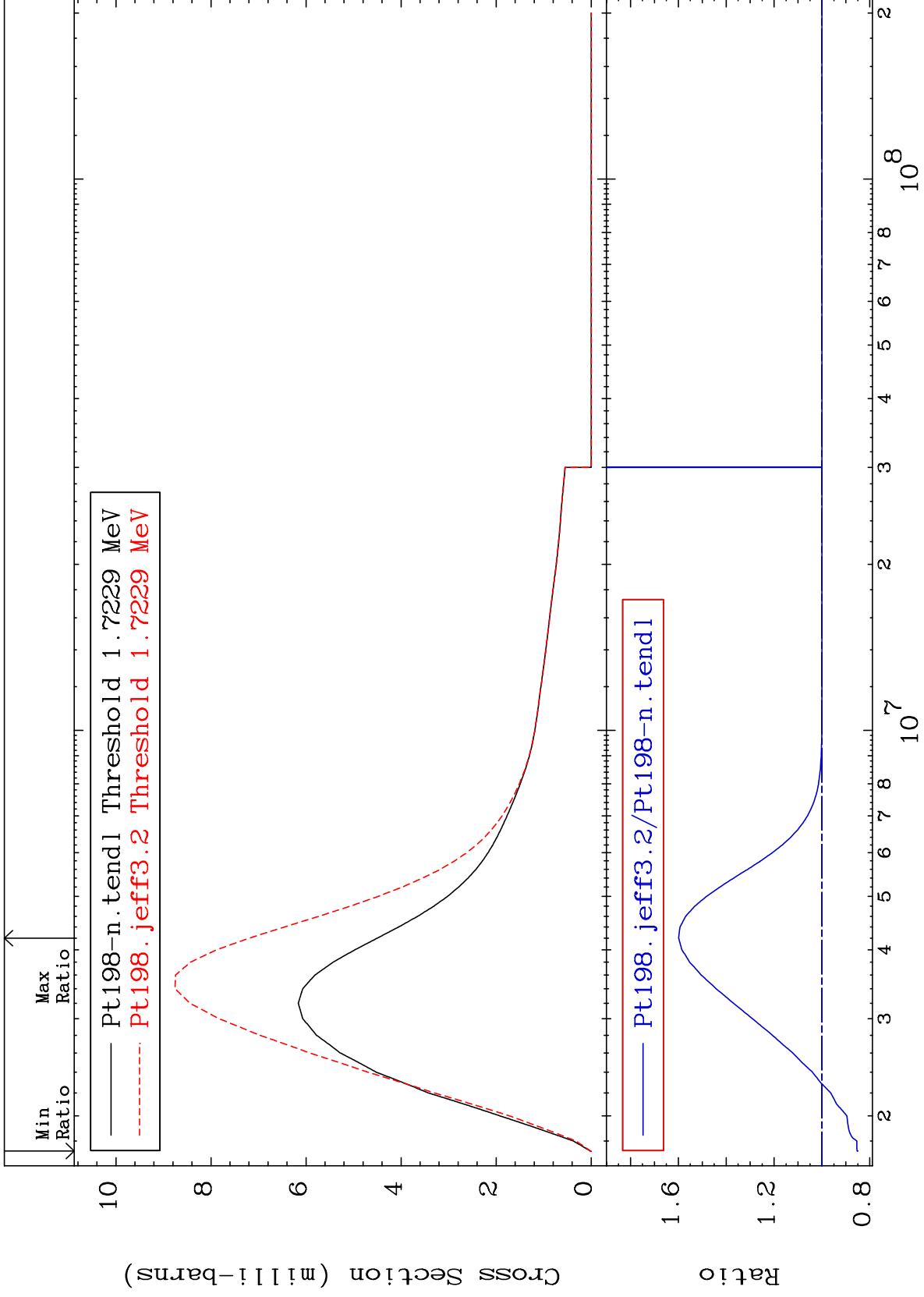
78-Pt-198
-7.537 To 38.15 %



MAT 7849

1.714 MeV (n,n') Level
Cross Section

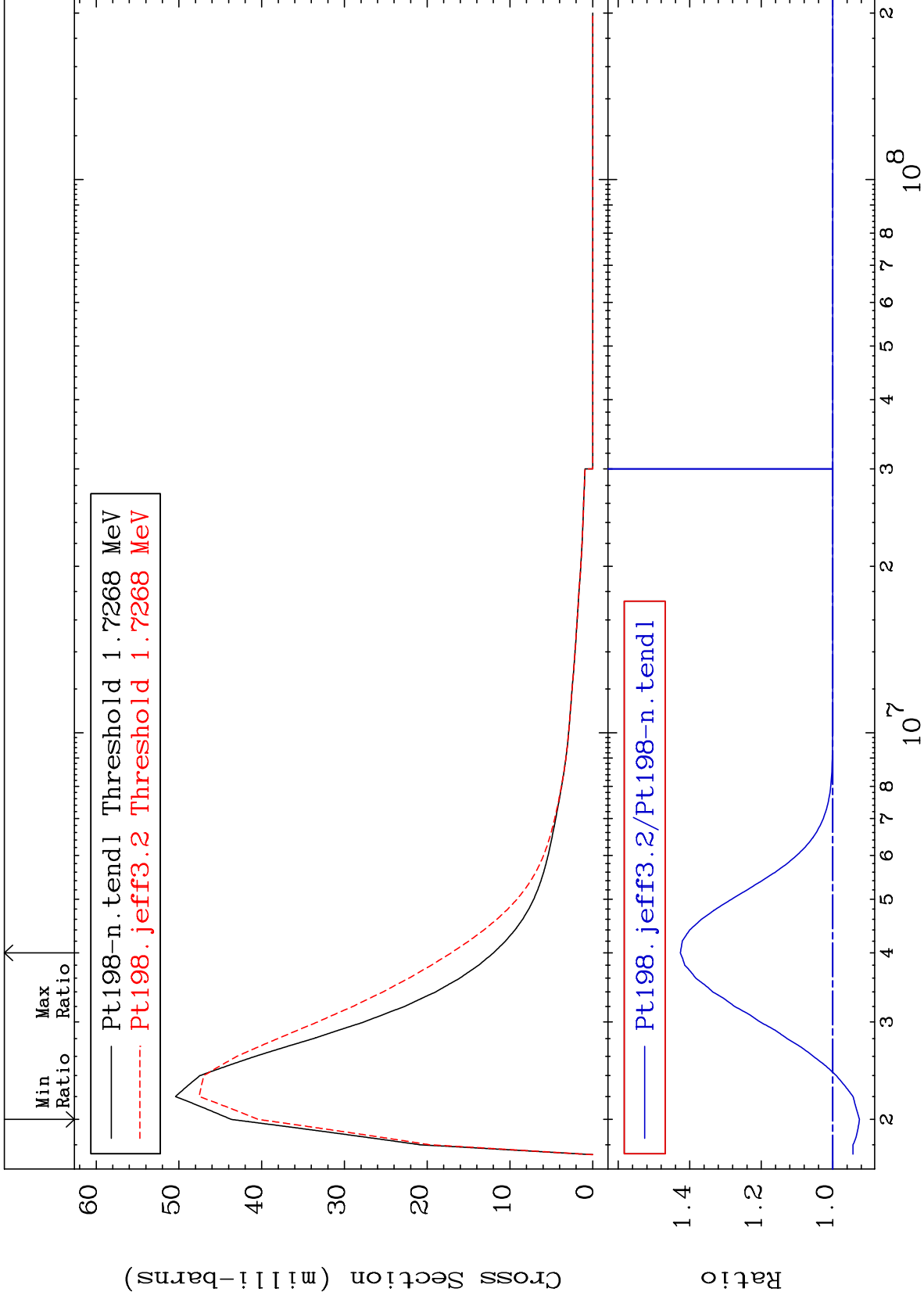
78-Pt-198
-14.76 To 59.88 %



MAT 7849

1.718 MeV (n,n') Level
Cross Section

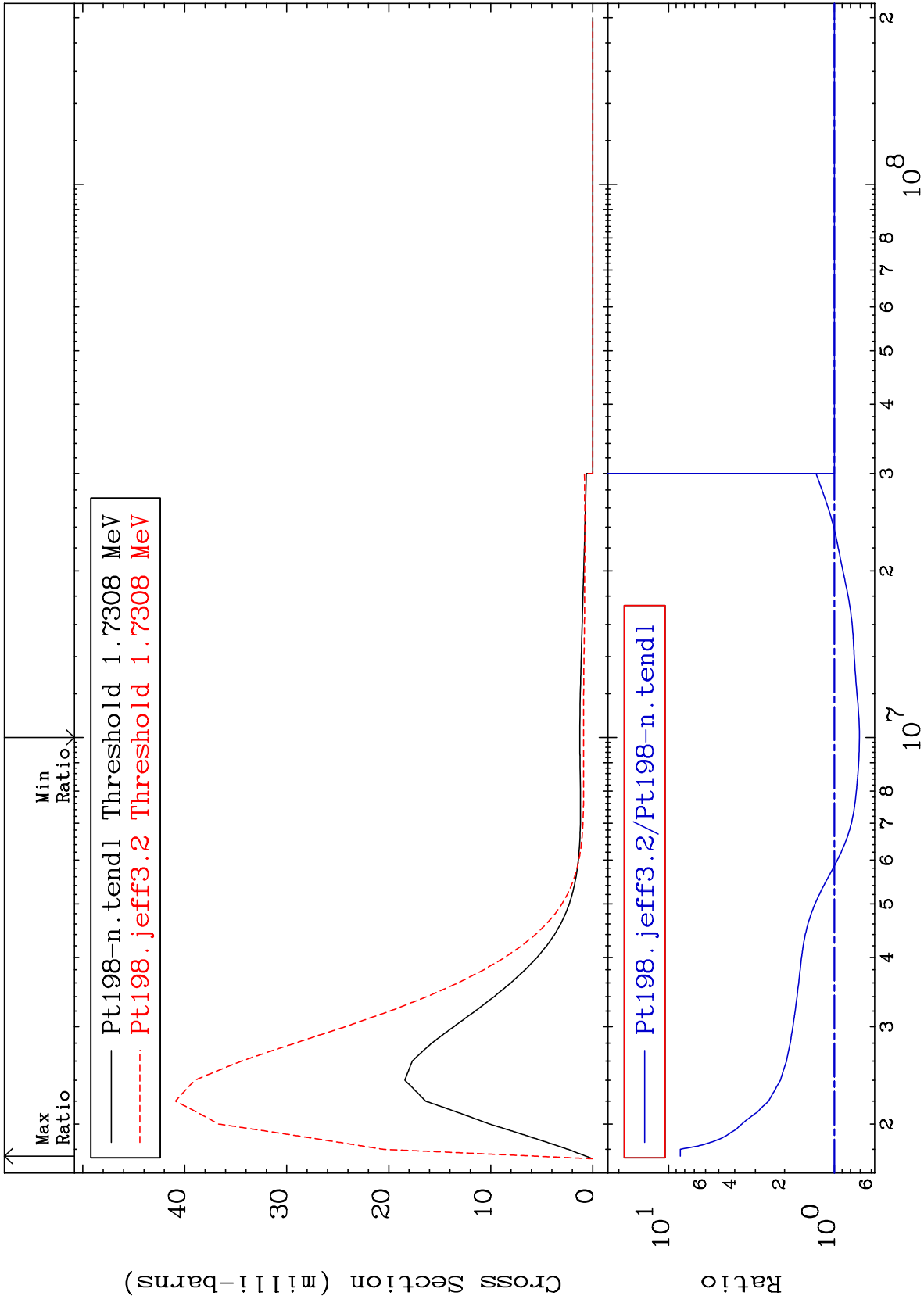
78-Pt-198
-7.461 To 42.63 %



MAT 7849

1.722 MeV (n,n') Level
Cross Section

78-Pt-198
-29.28 To 750.0 %

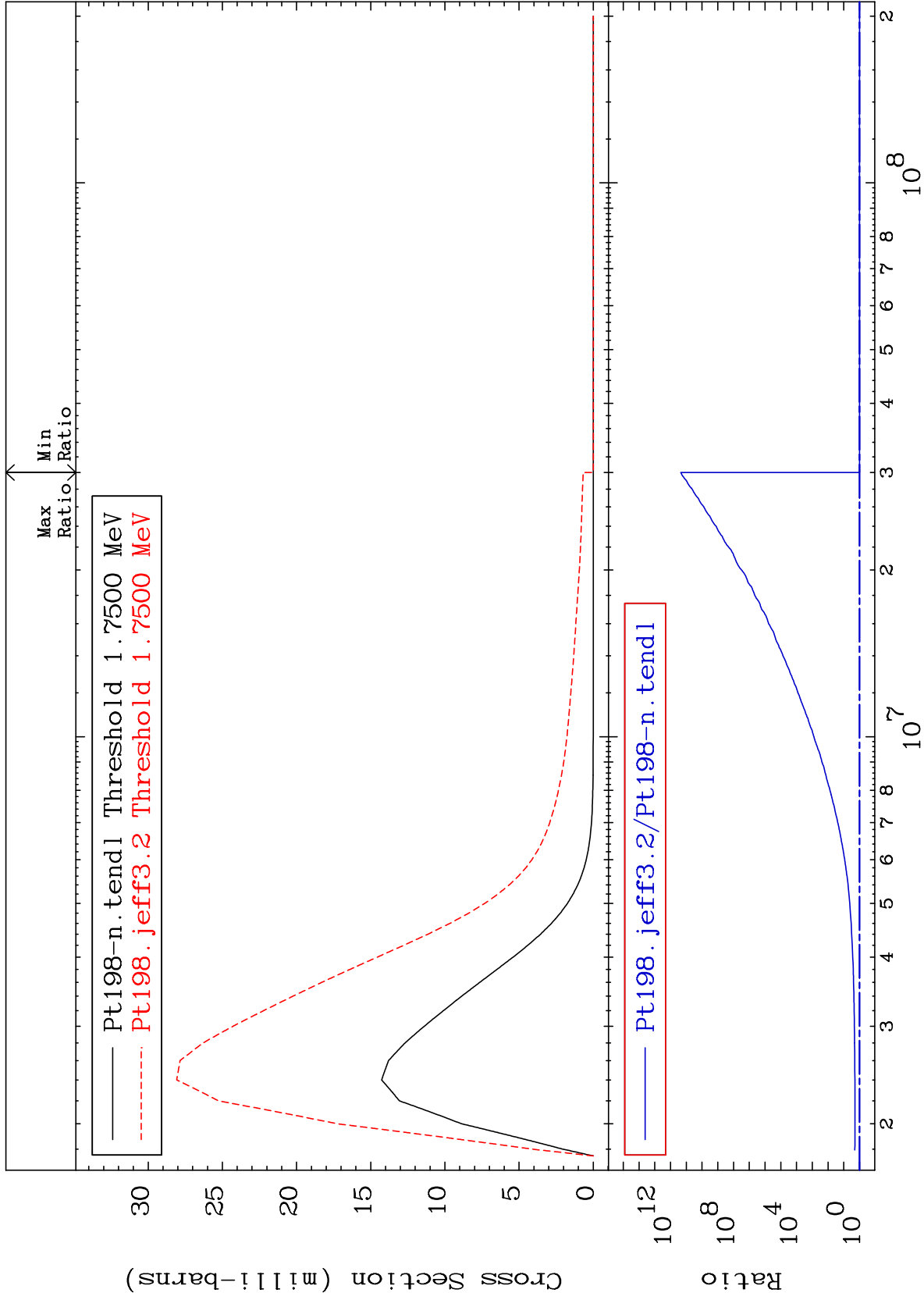


MAT 7849

1.741 MeV (n,n') Level

78-Pt-198

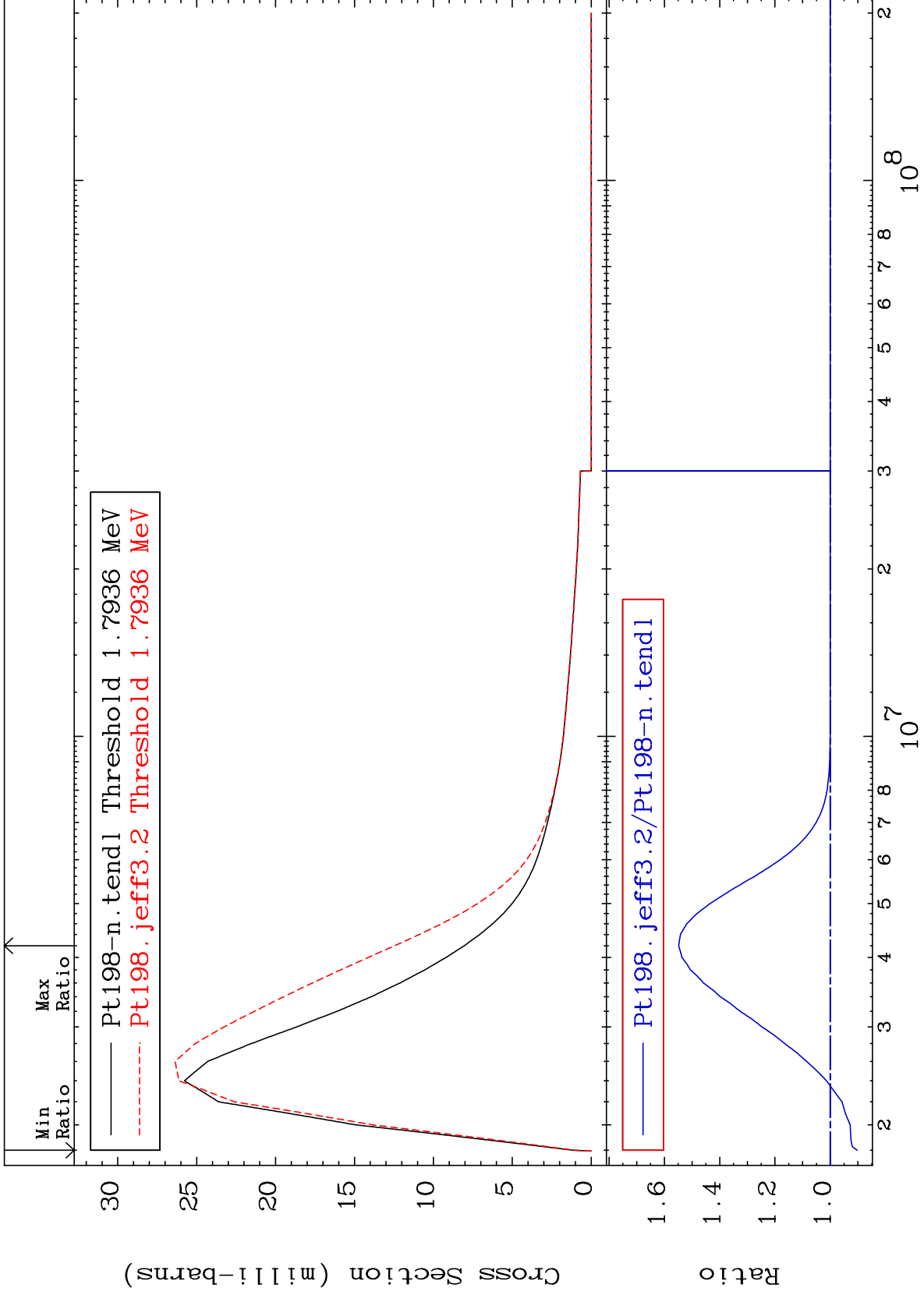
Cross Section
0.000 To 9999. %



MAT 7849

1.785 MeV (n,n') Level
Cross Section

78-Pt-198
-9.760 To 54.85 %



40

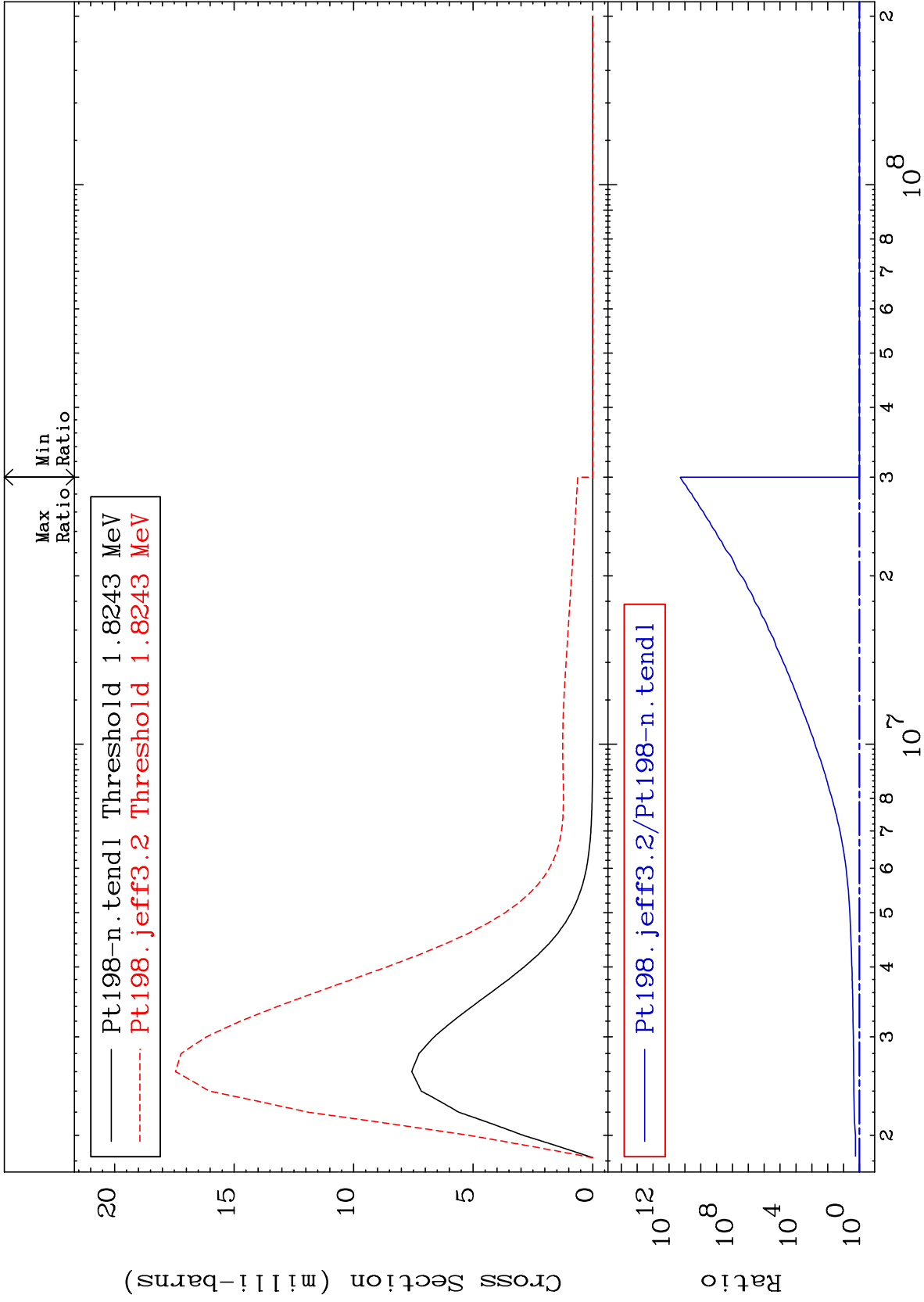
Incident Energy (eV)

78-Pt-198

MAT 7849

1.815 MeV (n,n') Level
Cross Section

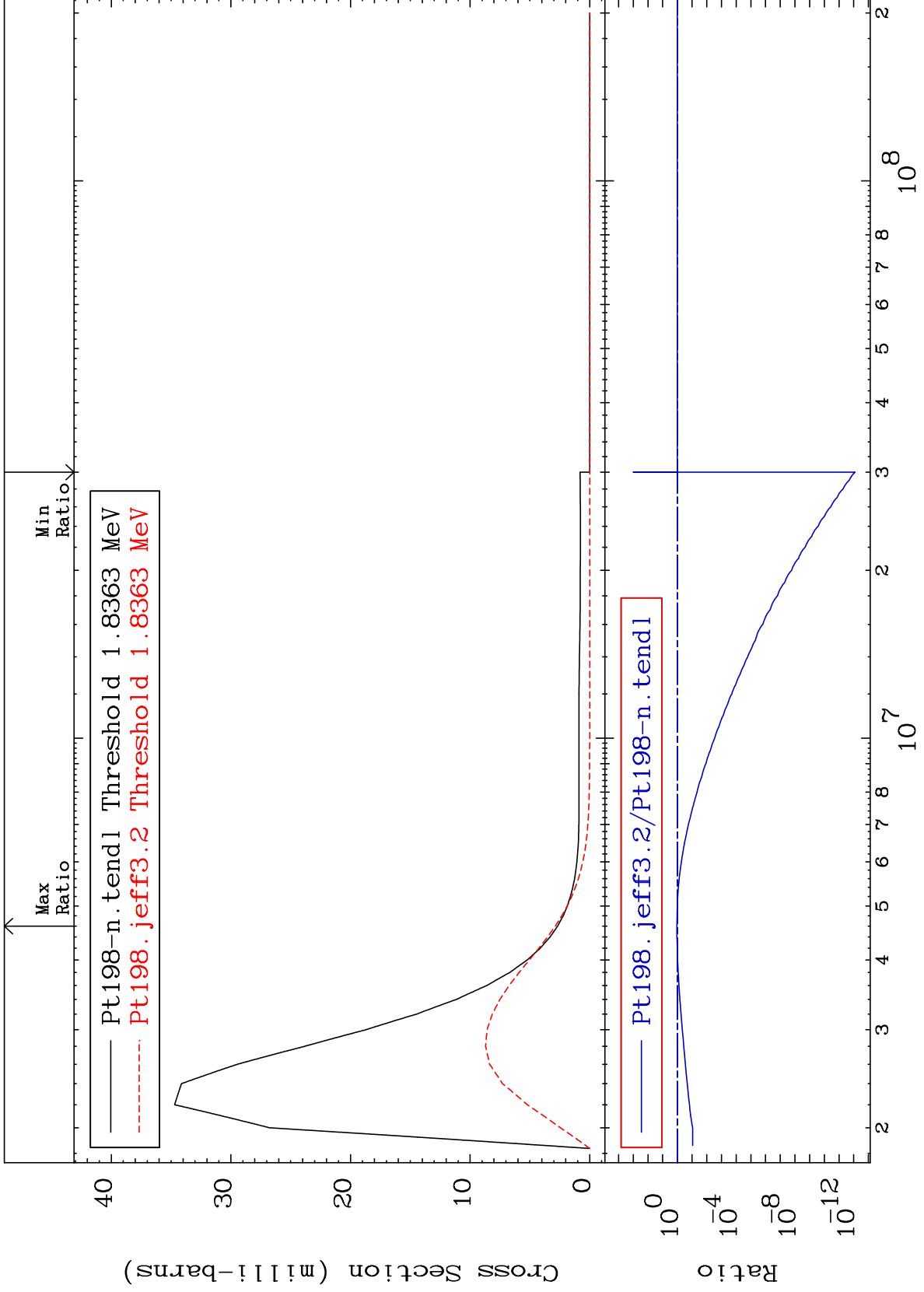
78-Pt-198
0.000 To 9999. %



MAT 7849

1.827 MeV (n,n') Level
Cross Section

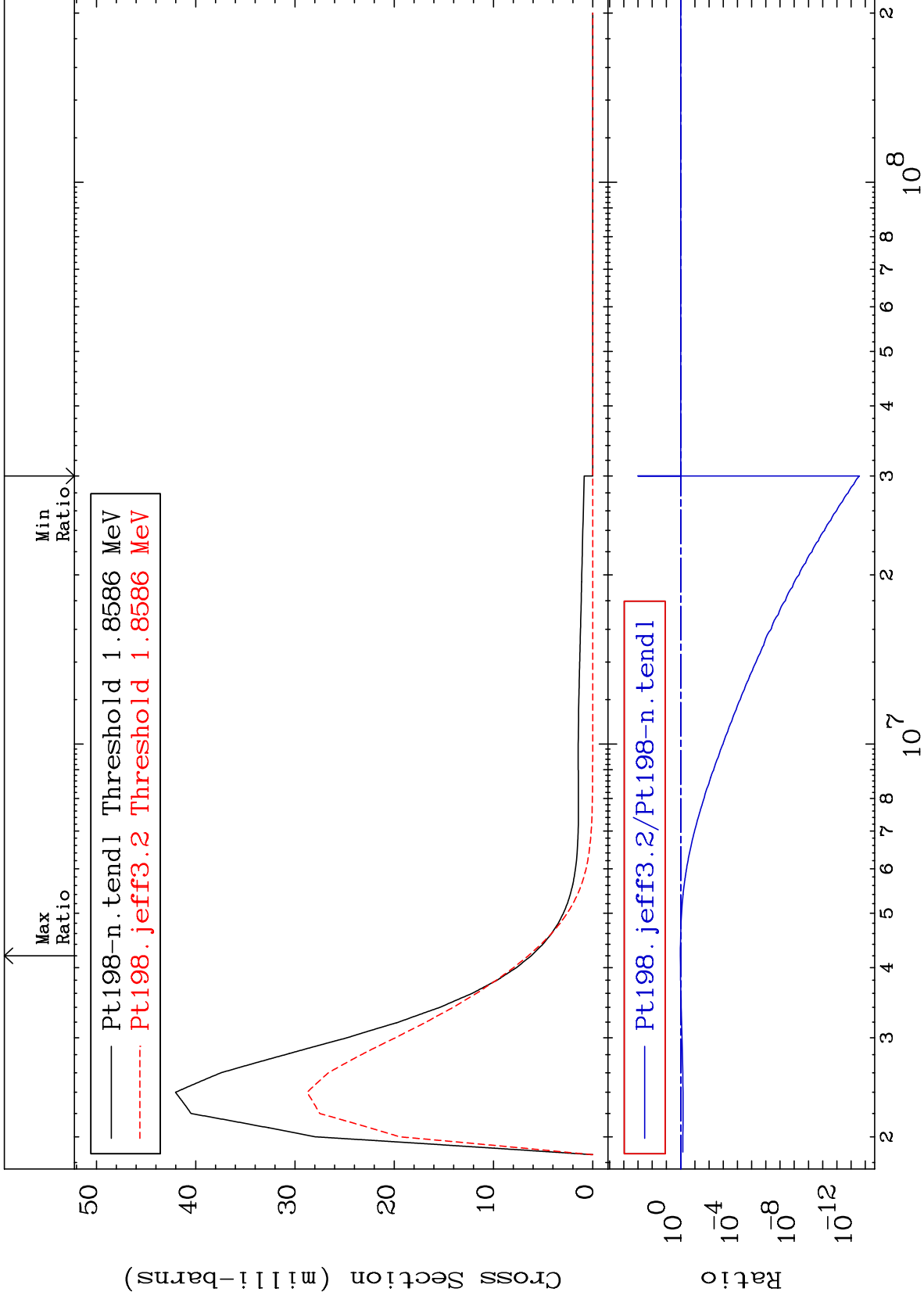
78-Pt-198
-100.0 To 7.102 %



MAT 7849

1.849 MeV (n,n') Level
Cross Section

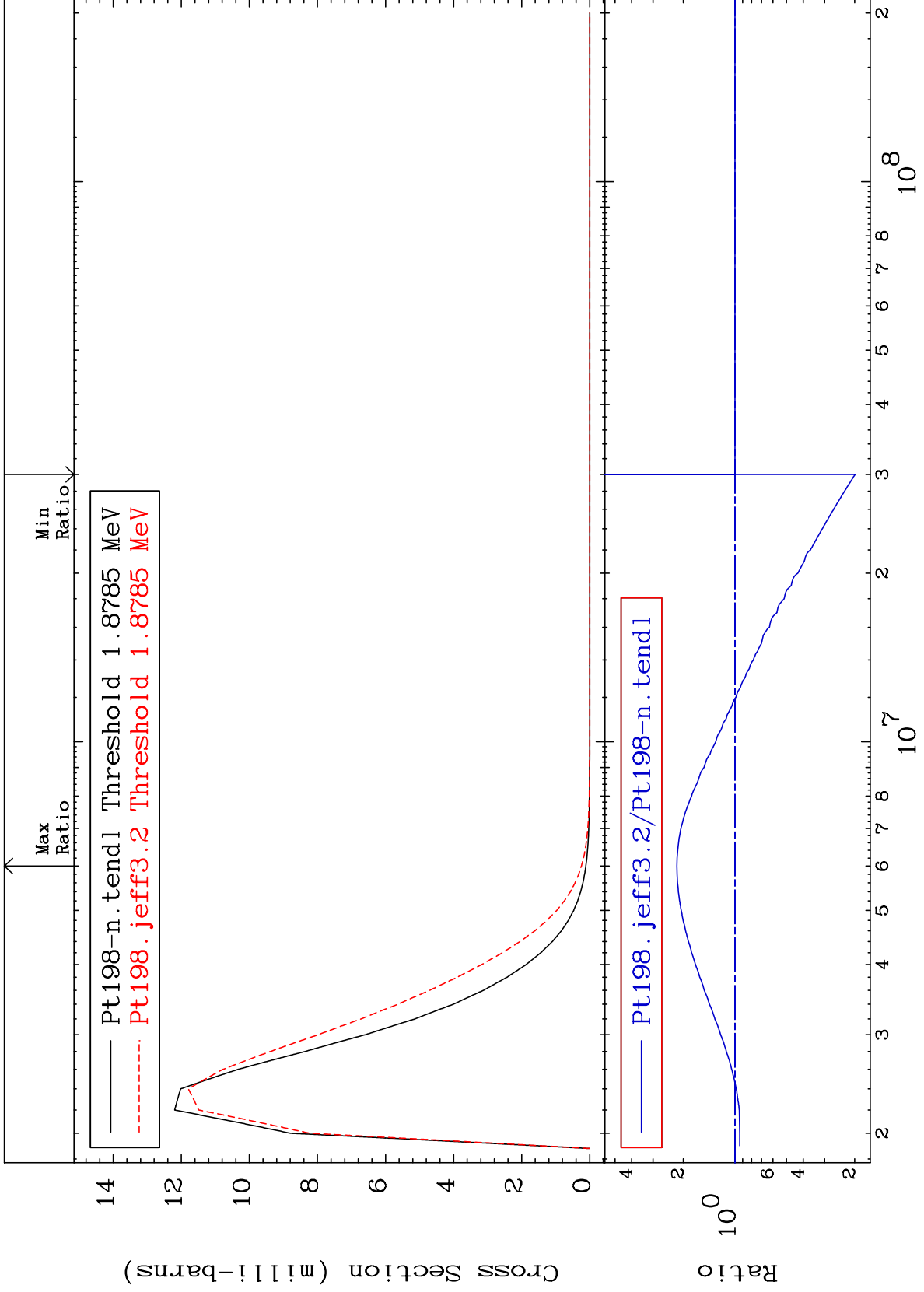
78-Pt-198
-100.0 To 4.716 %



MAT 7849

1.869 MeV (n,n') Level
Cross Section

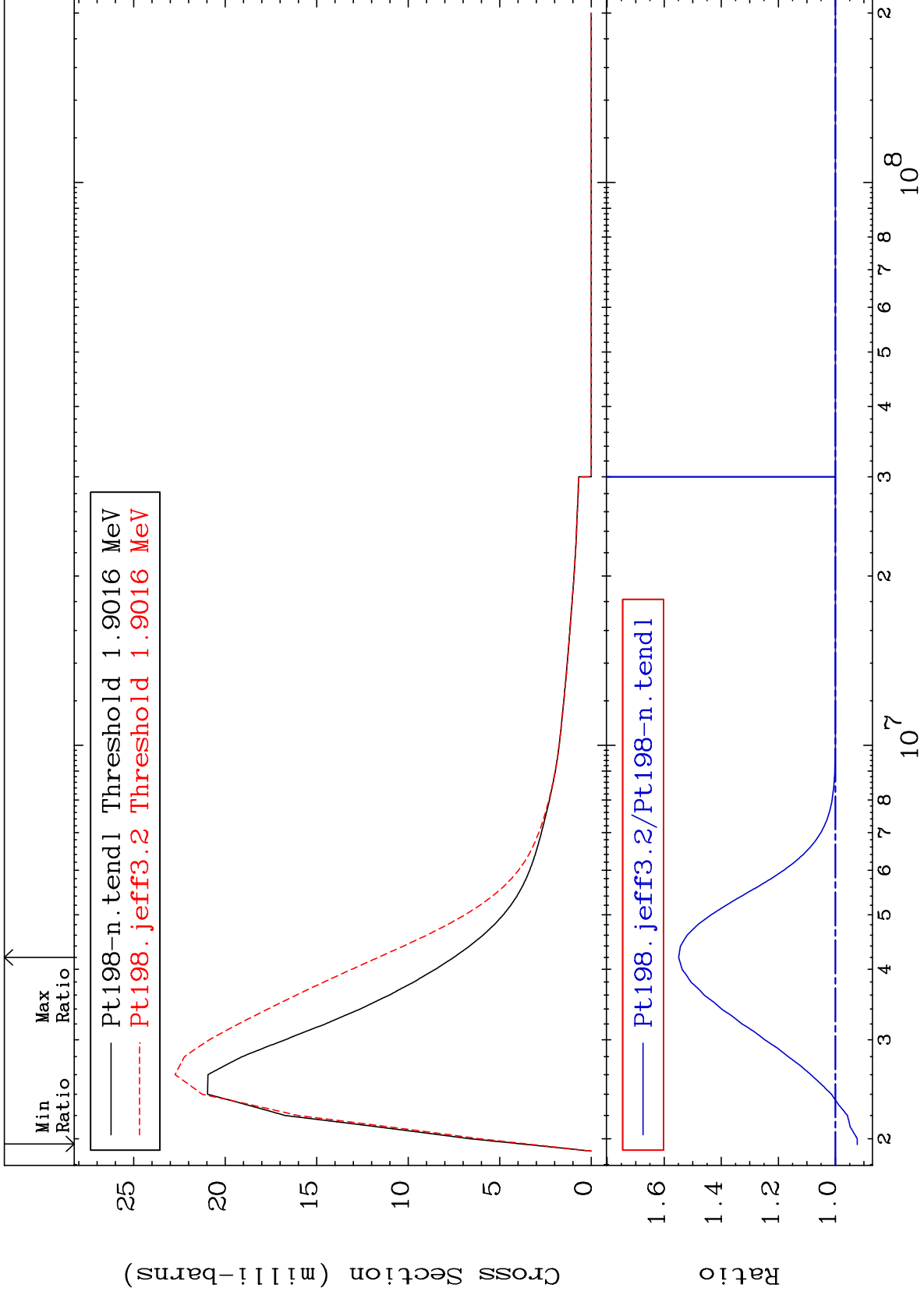
78-Pt-198
-80.09 To 117.7 %



MAT 7849

1.892 MeV (n,n') Level
Cross Section

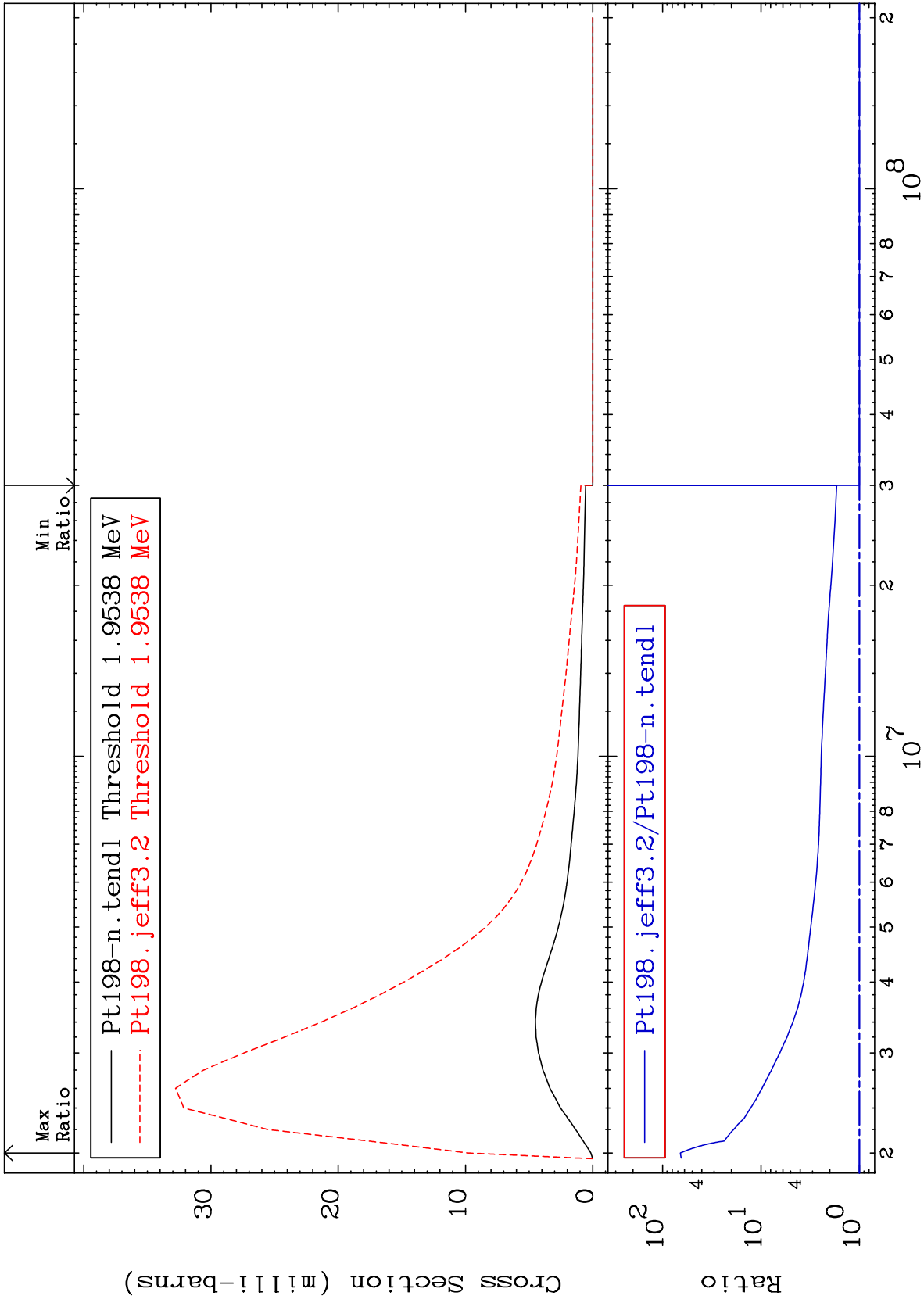
78-Pt-198
-7.651 To 54.95 %



MAT 7849

1.944 MeV (n,n') Level
Cross Section

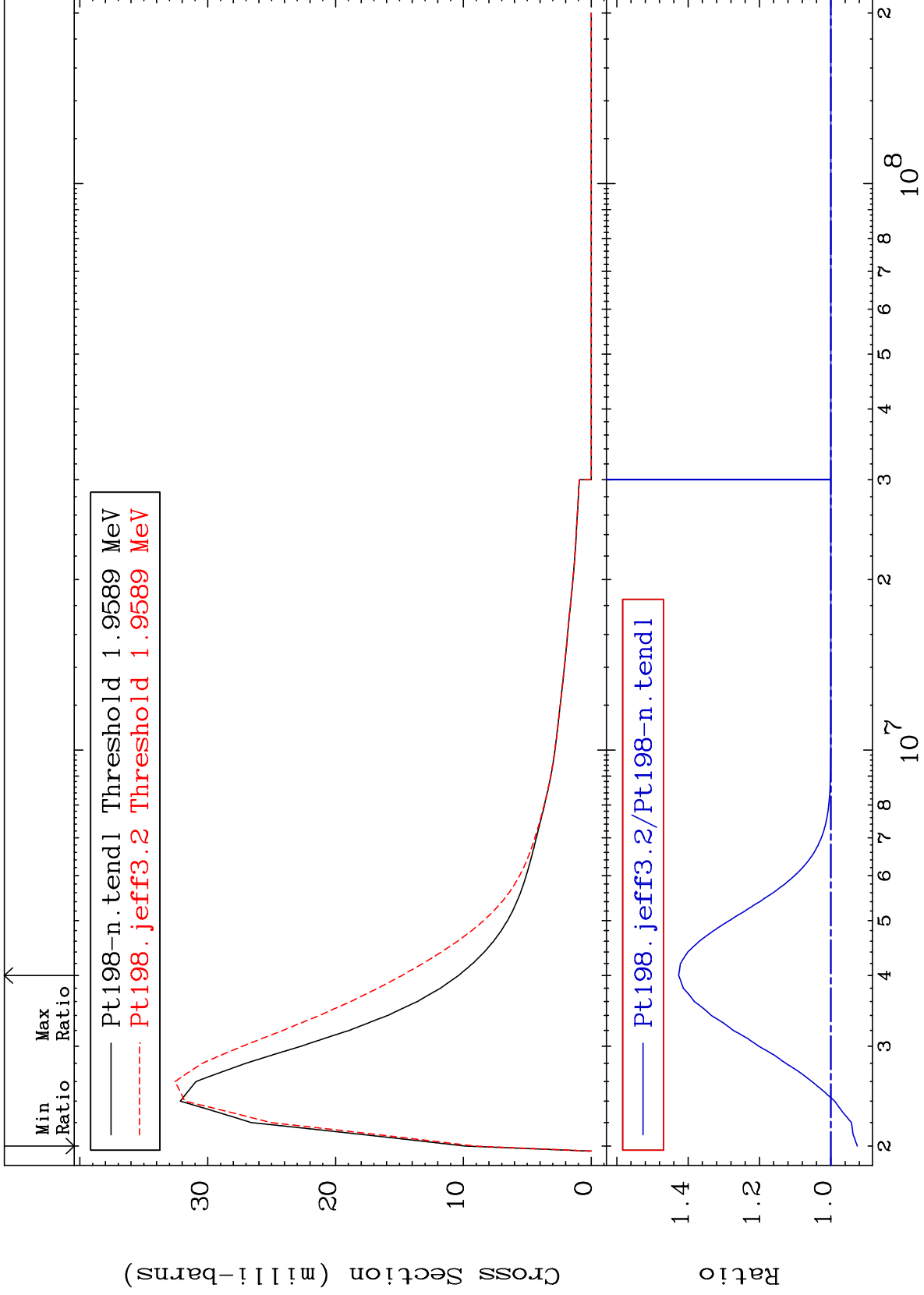
78-Pt-198
0.000 To 6495. %



MAT 7849

1.949 MeV (n,n') Level
Cross Section

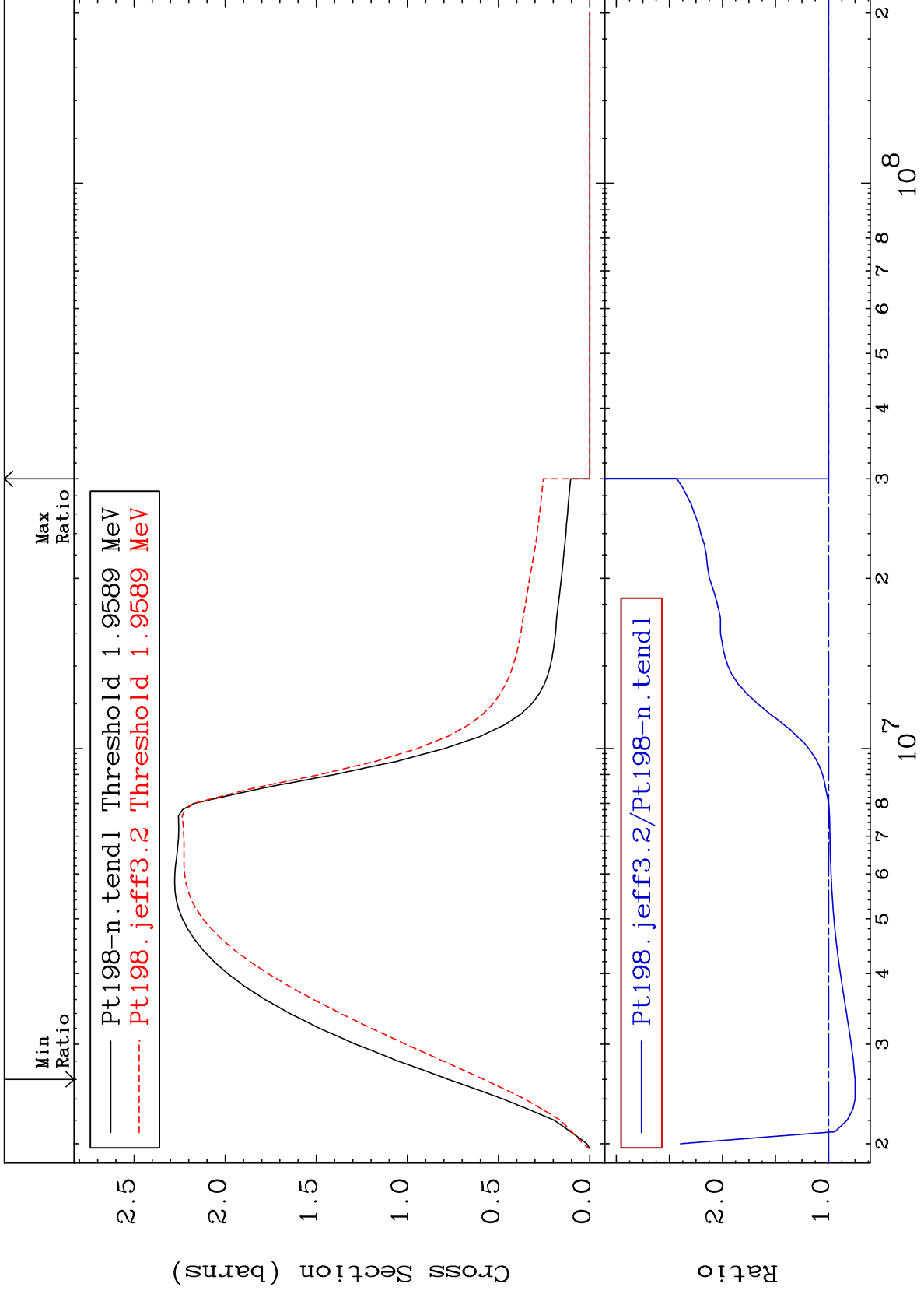
78-Pt-198
-7.404 To 42.65 %



MAT 7849

(n, n') Continuum
Cross Section

78-Pt-198
-24.99 To 142.9 %



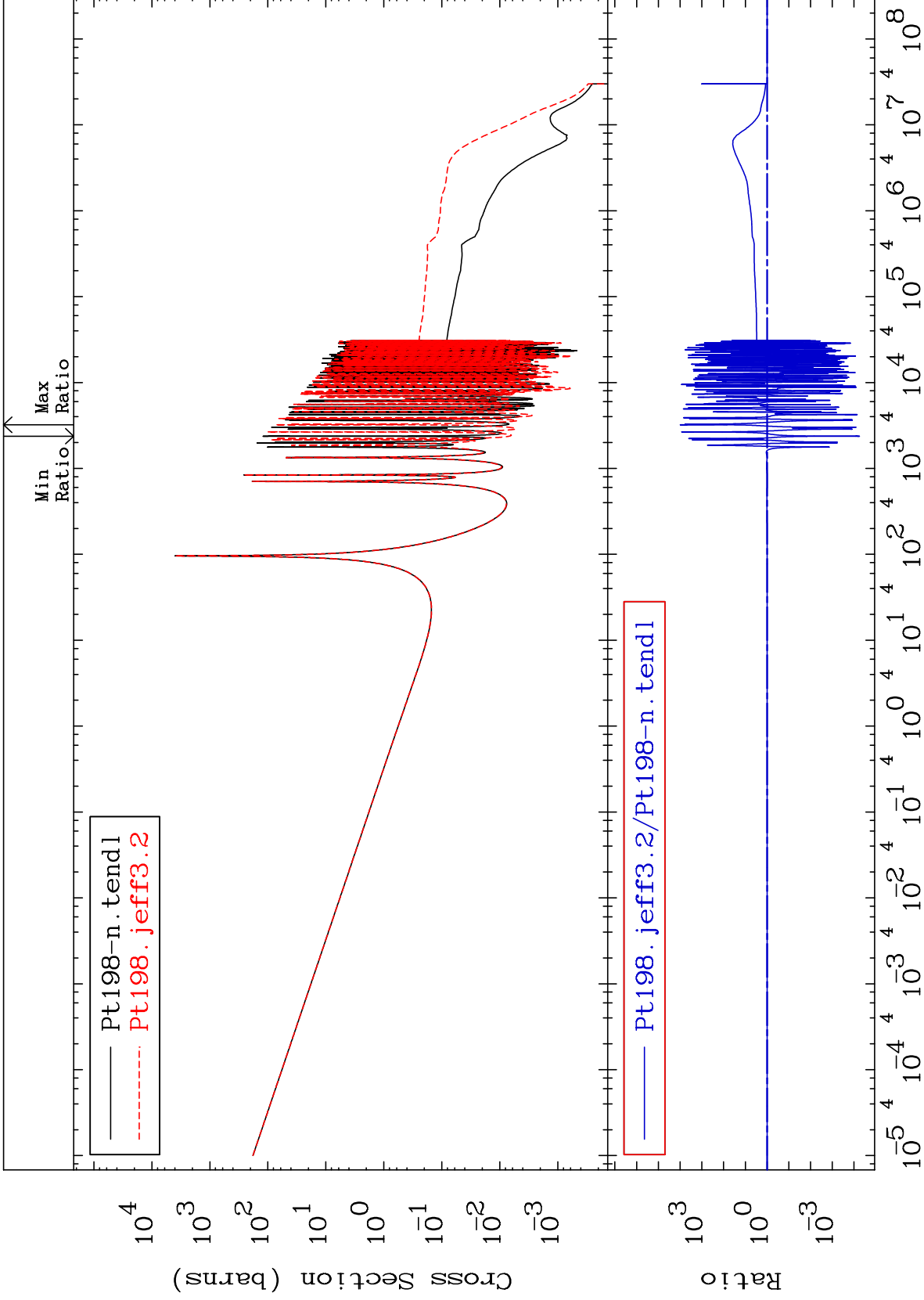
MAT 7849

(n, γ)

78-Pt-198

Cross Section

-99.99 To 9999. %



49

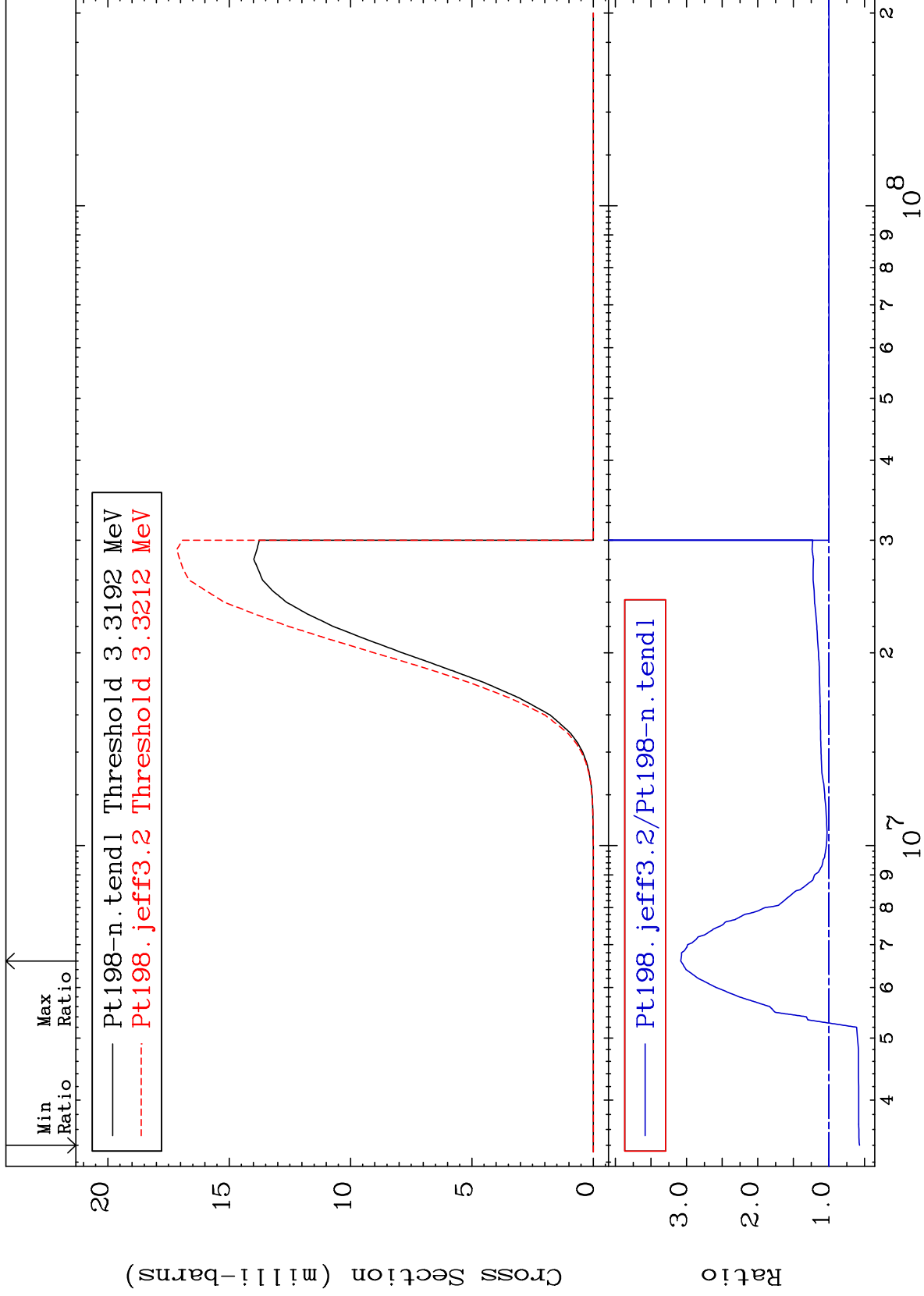
Incident Energy (eV)

78-Pt-198

MAT 7849

(n,p)
Cross Section

78-Pt-198
-42.87 To 208.2 %



50

Incident Energy (eV)

78-Pt-198

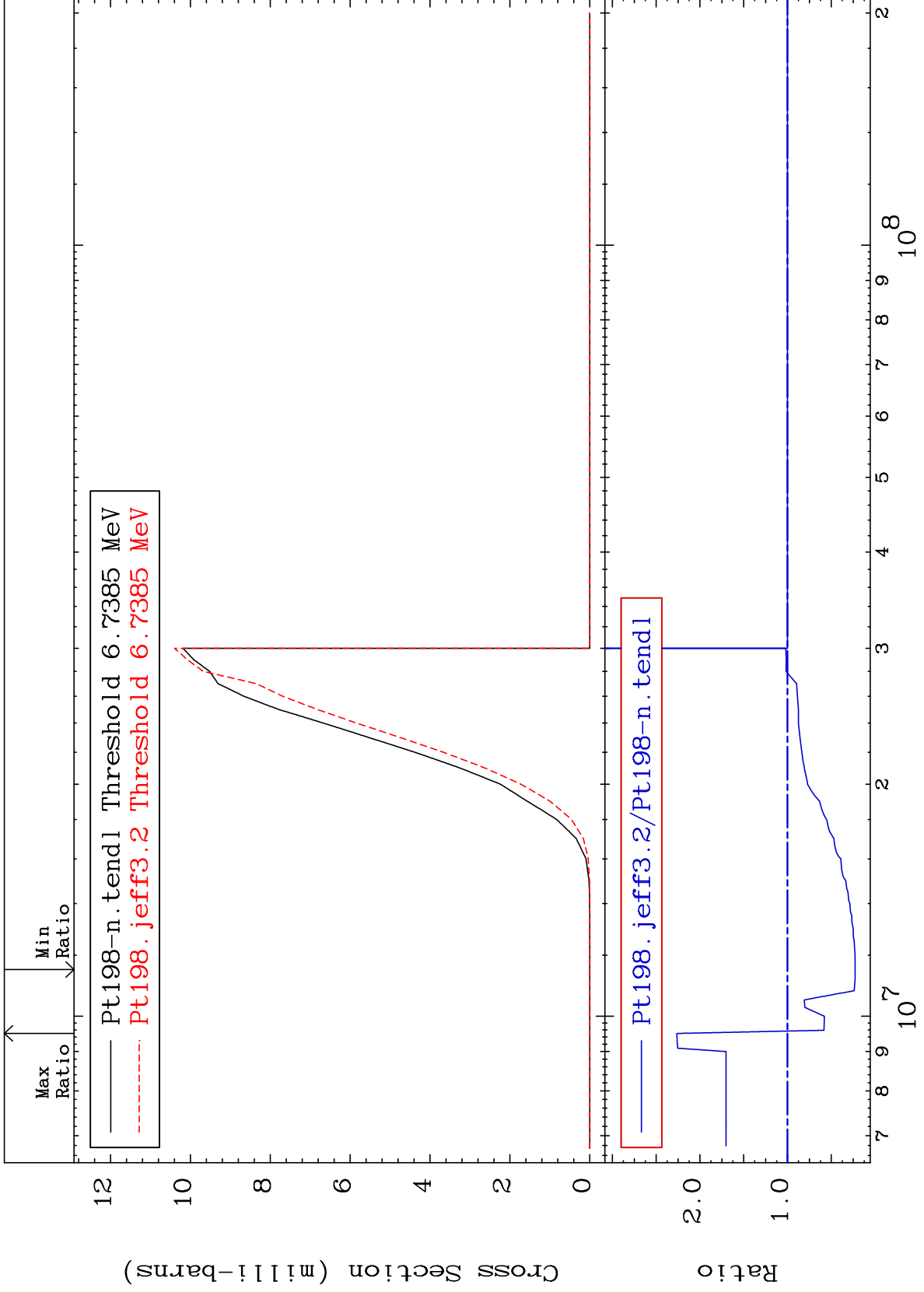
MAT 7849

(n, d)

78-Pt-198

Cross Section

-77.18 To 126.3 %



51

Incident Energy (eV)

78-Pt-198

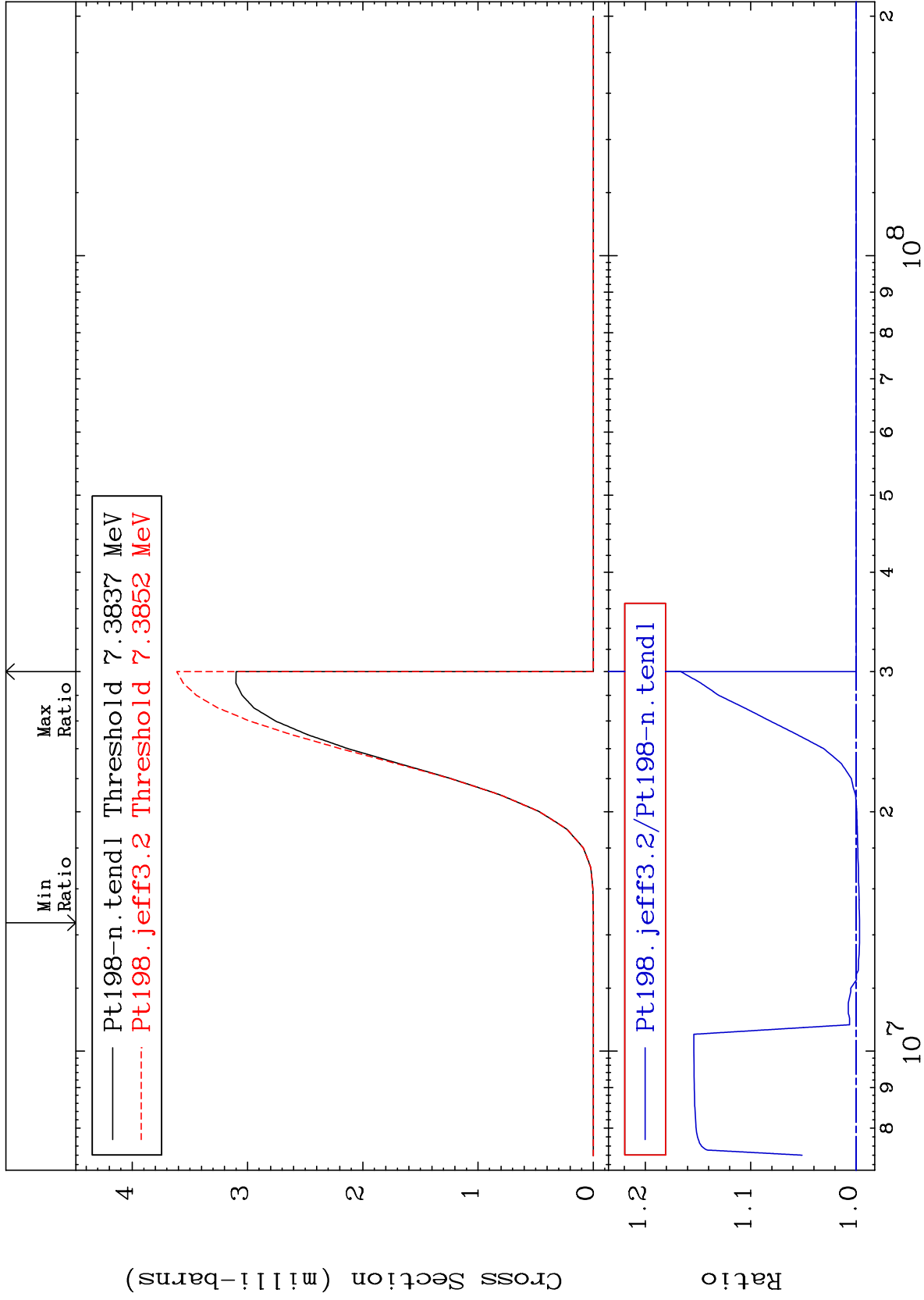
MAT 7849

(n, t)

78-Pt-198

Cross Section

-0.322 To 16.64 %



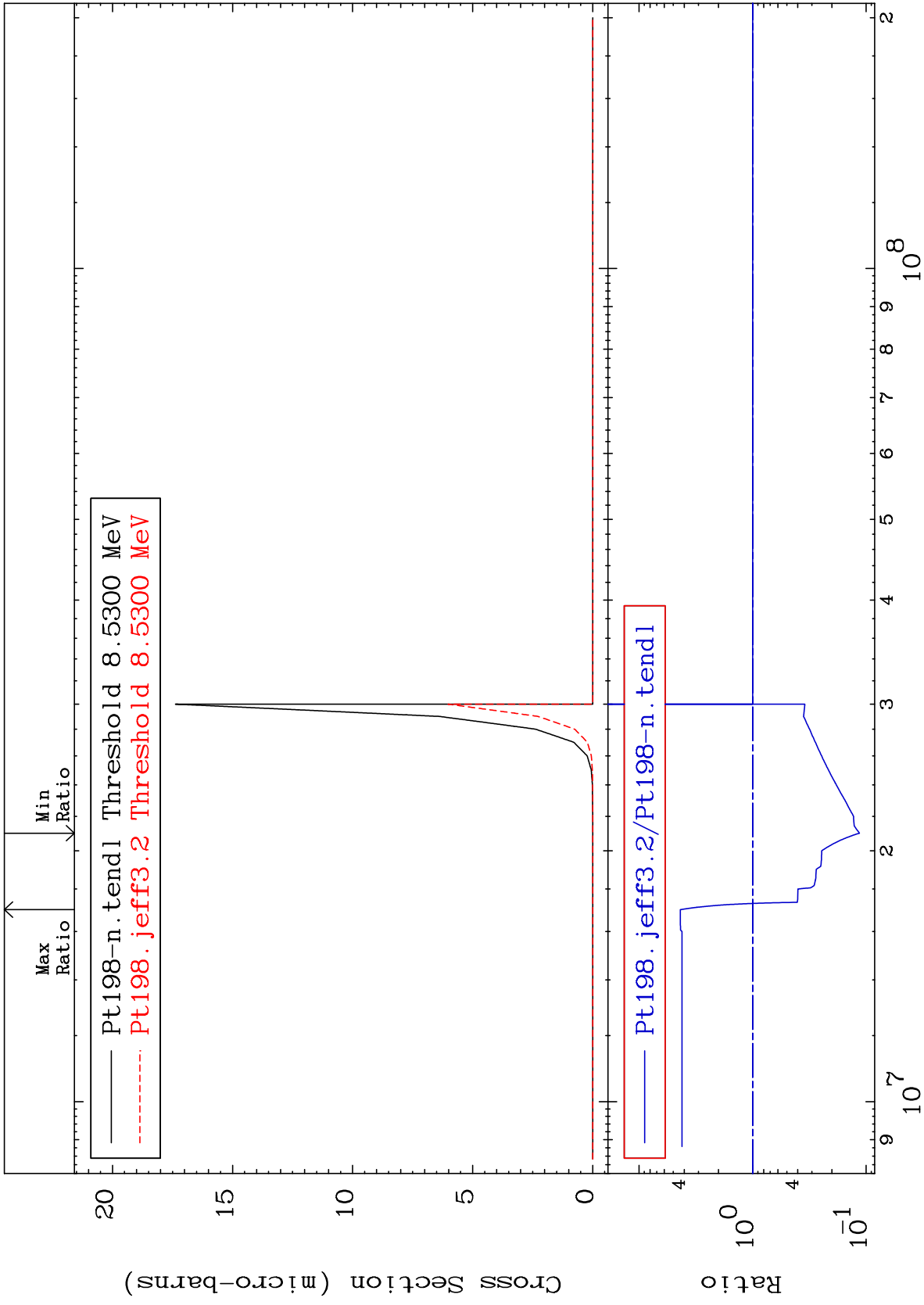
MAT 7849

(n, He-3)

78-Pt-198

Cross Section

-88.54 To 333.2 %



53

Incident Energy (eV)

78-Pt-198

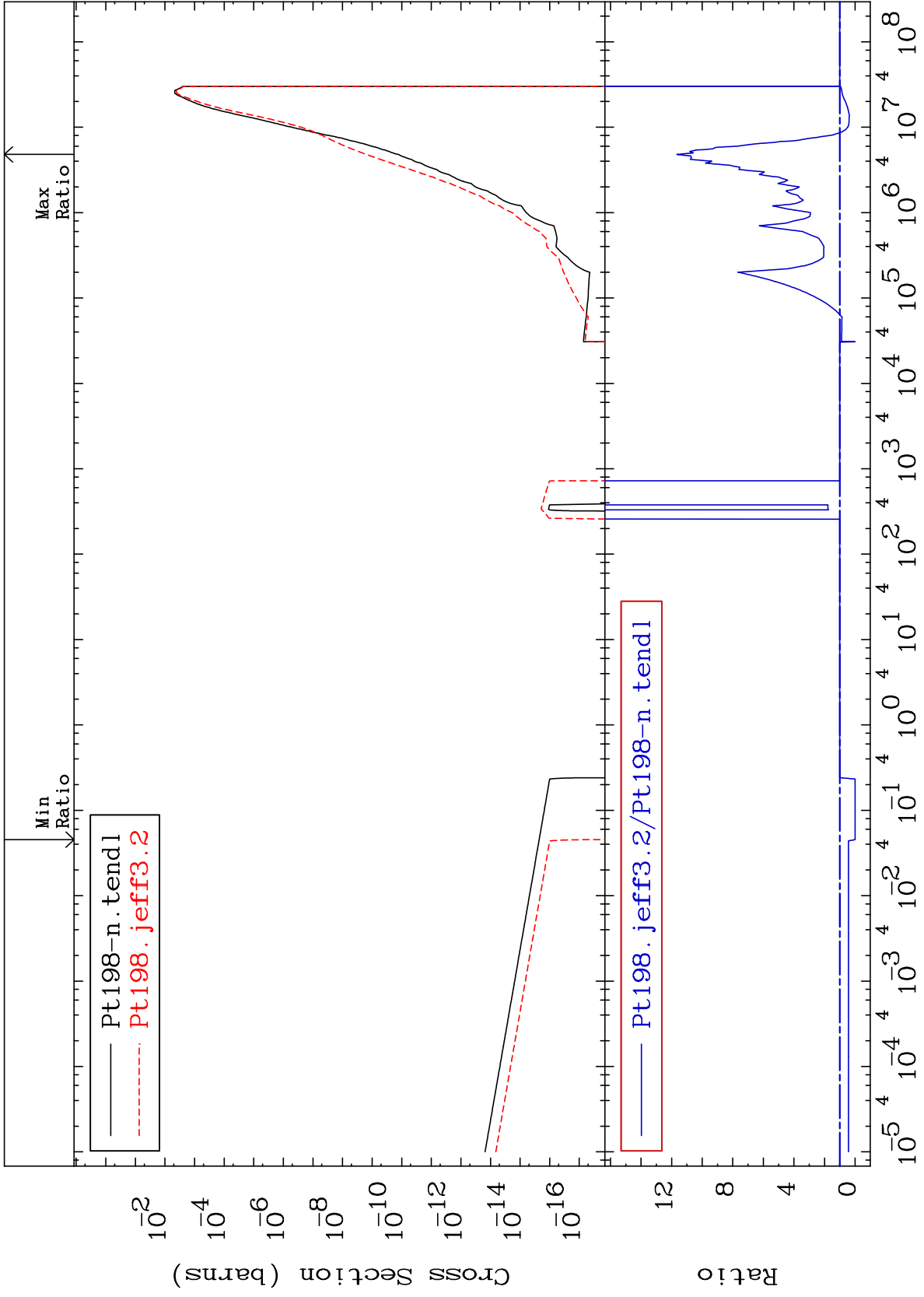
MAT 7849

(n, α)

78-Pt-198

Cross Section

-100.0 To 1065. %



MAT 7849

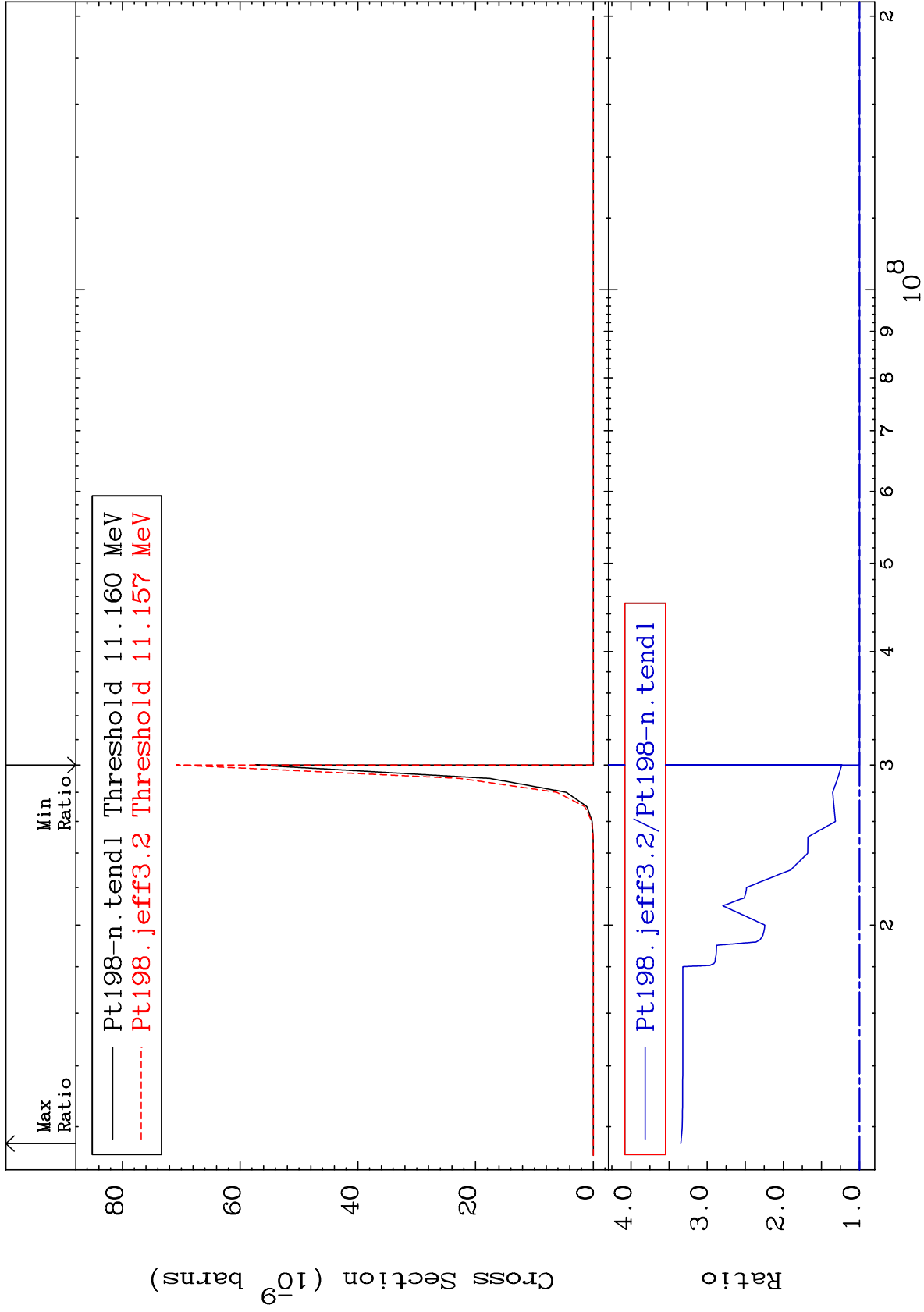
(n,2p)

78-Pt-198

Cross Section

0.000

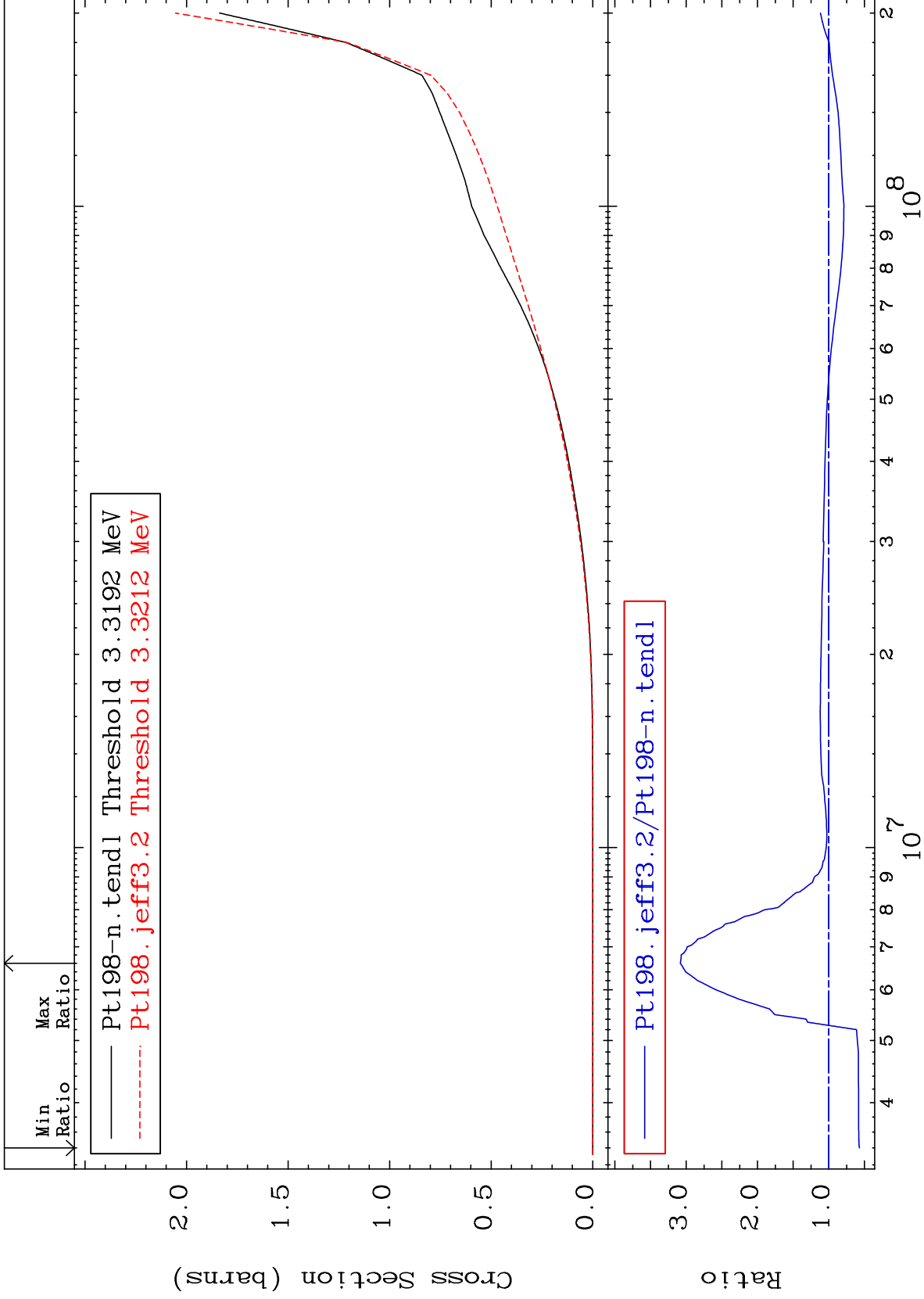
To 234.6 %



MAT 7849

Hydrogen Production
Cross Section

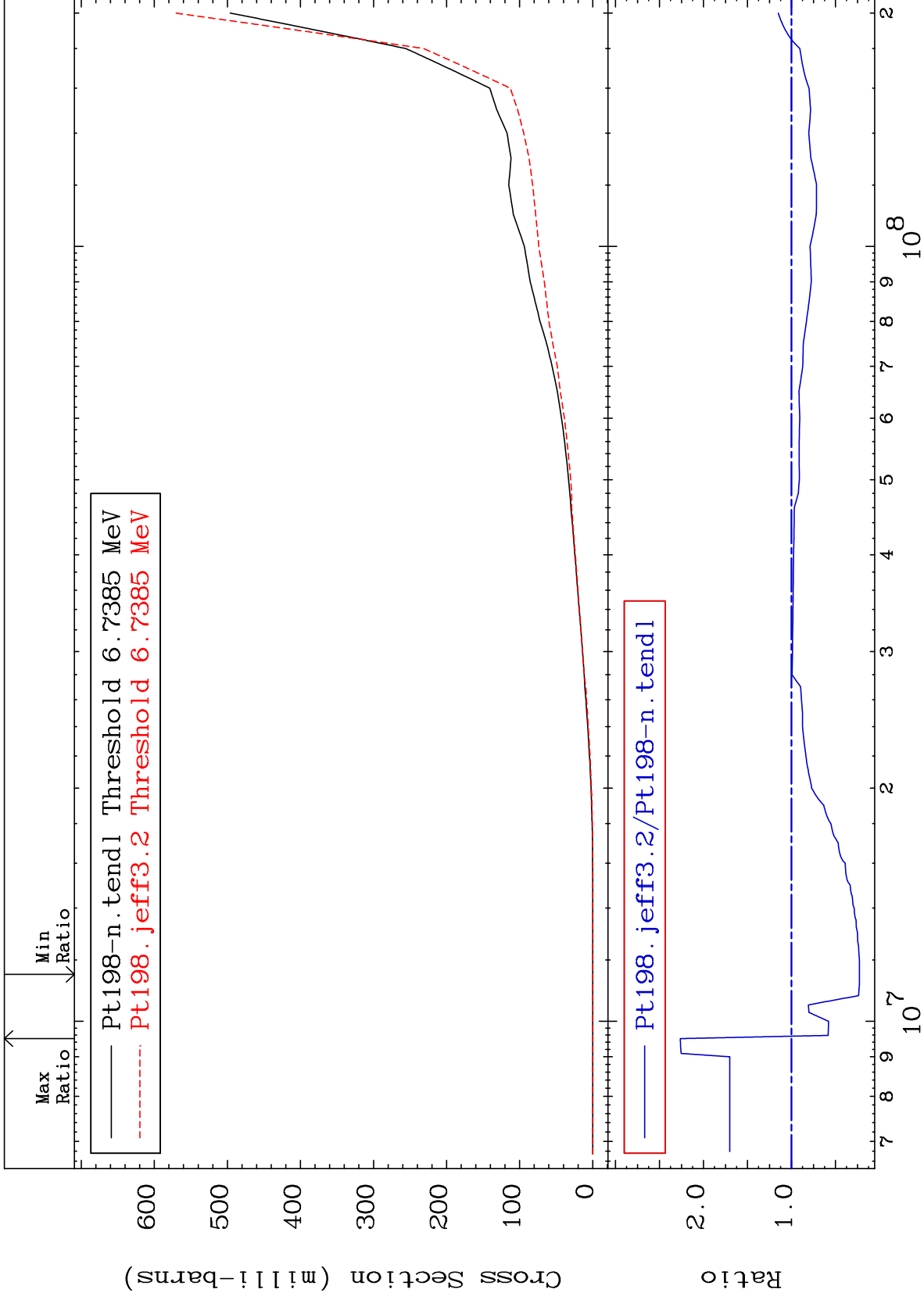
78-Pt-198
-42.87 To 208.2 %



MAT 7849

Deuterium Production
Cross Section

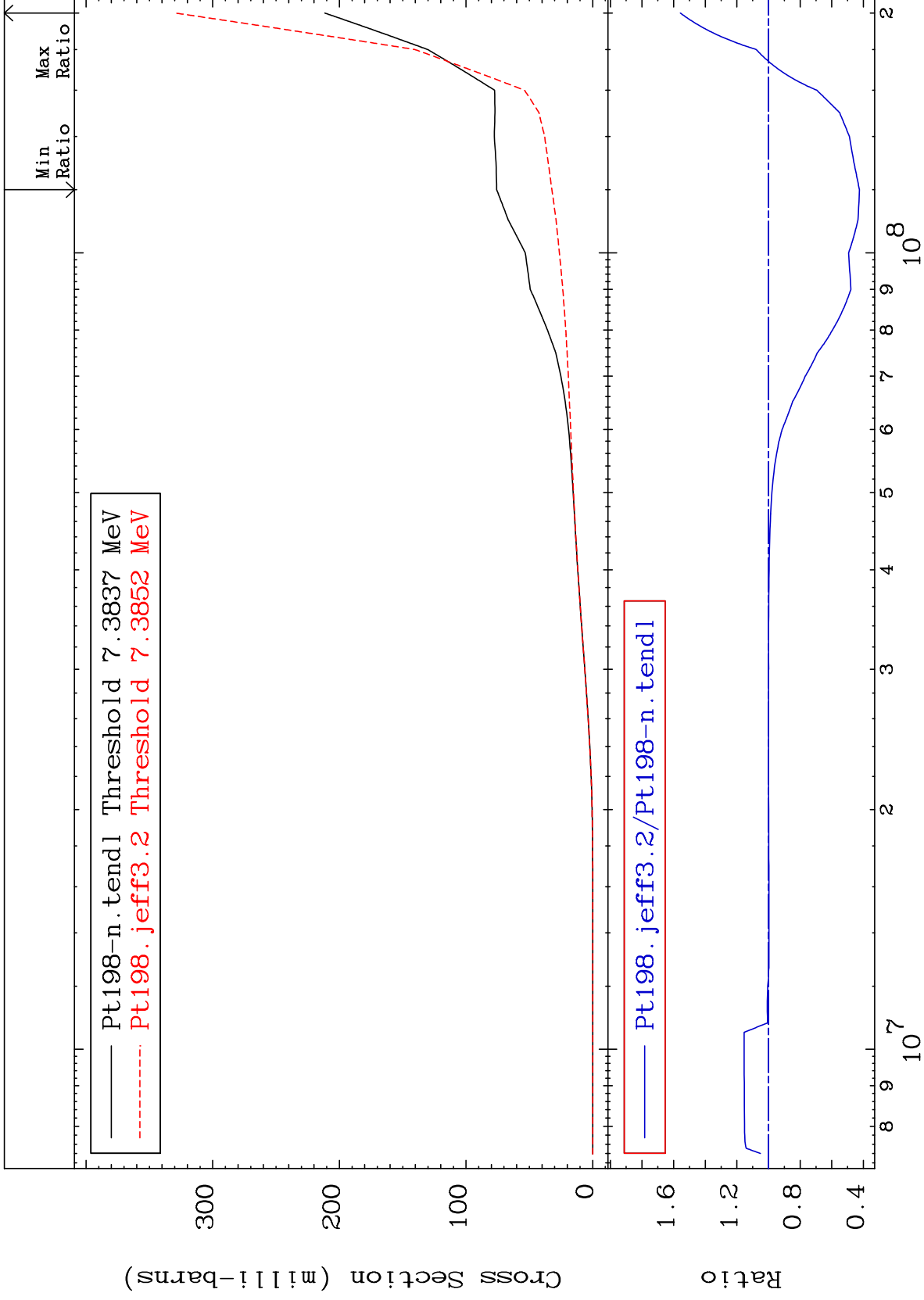
78-Pt-198
-77.18 To 126.3 %



MAT 7849

Tritium Production
Cross Section

78-Pt-198
-57.49 To 55.75 %



58

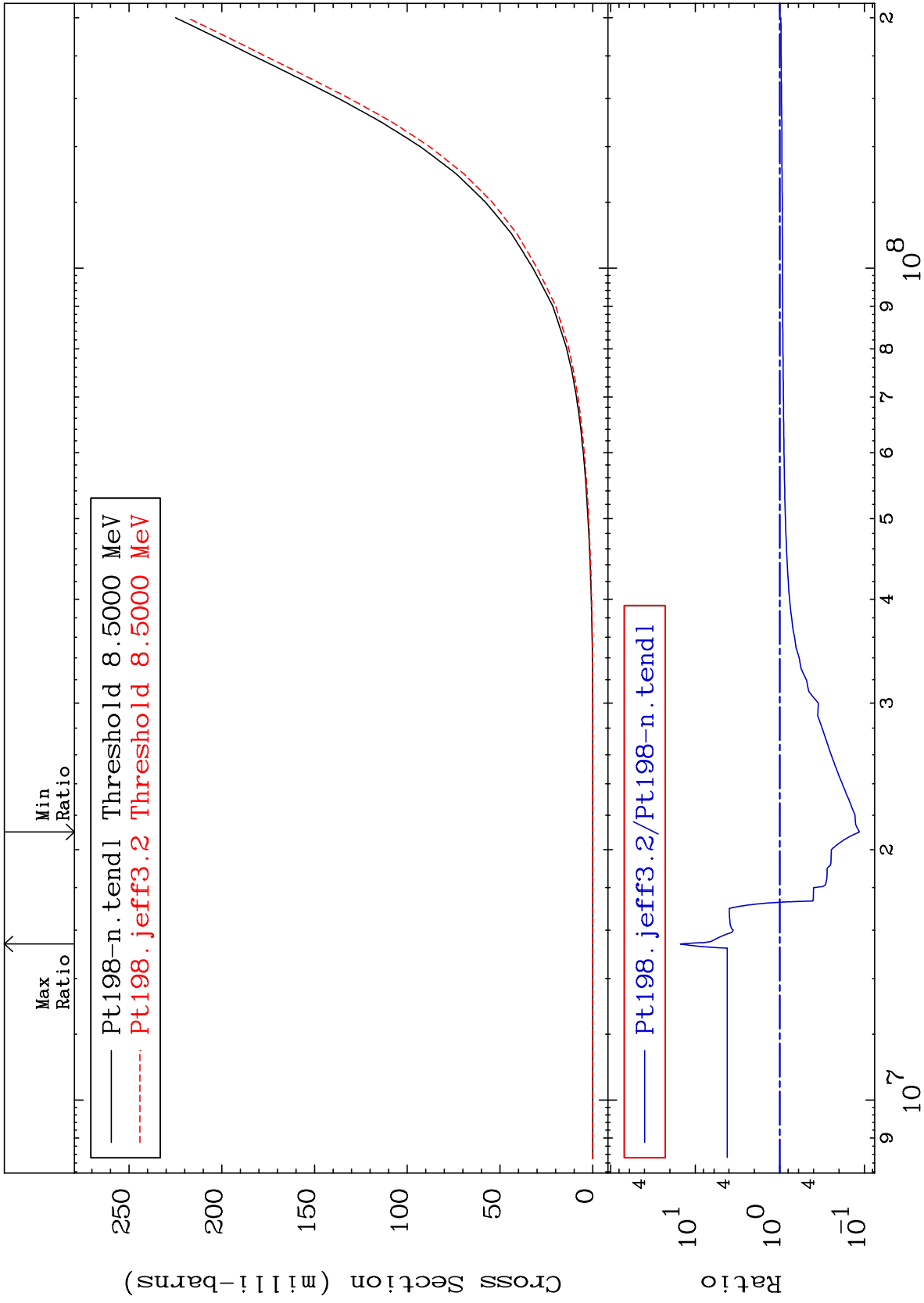
Incident Energy (eV)

78-Pt-198

MAT 7849

He-3 Production
Cross Section

78-Pt-198
-88.54 To 1401. %



59

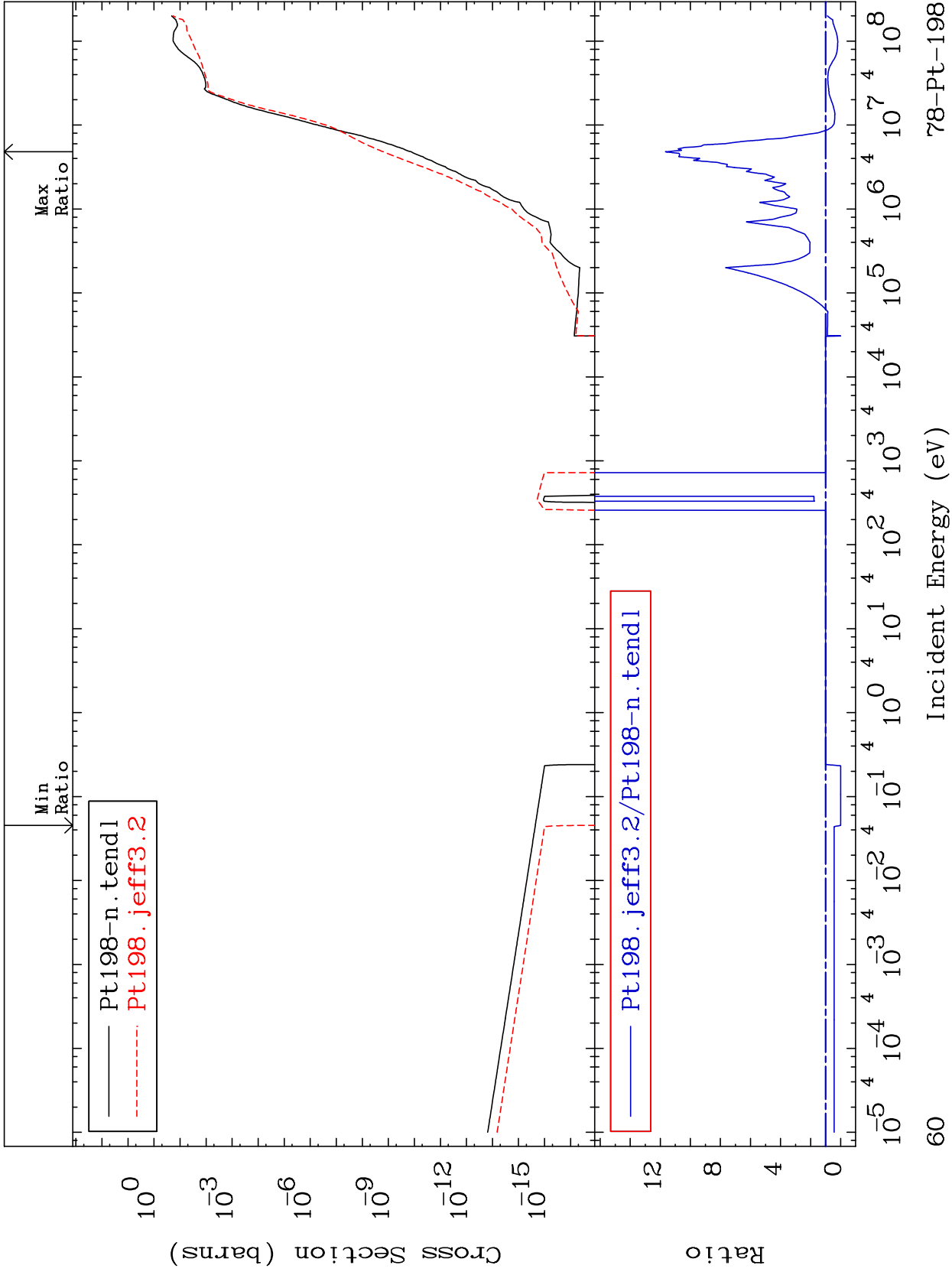
Incident Energy (eV)

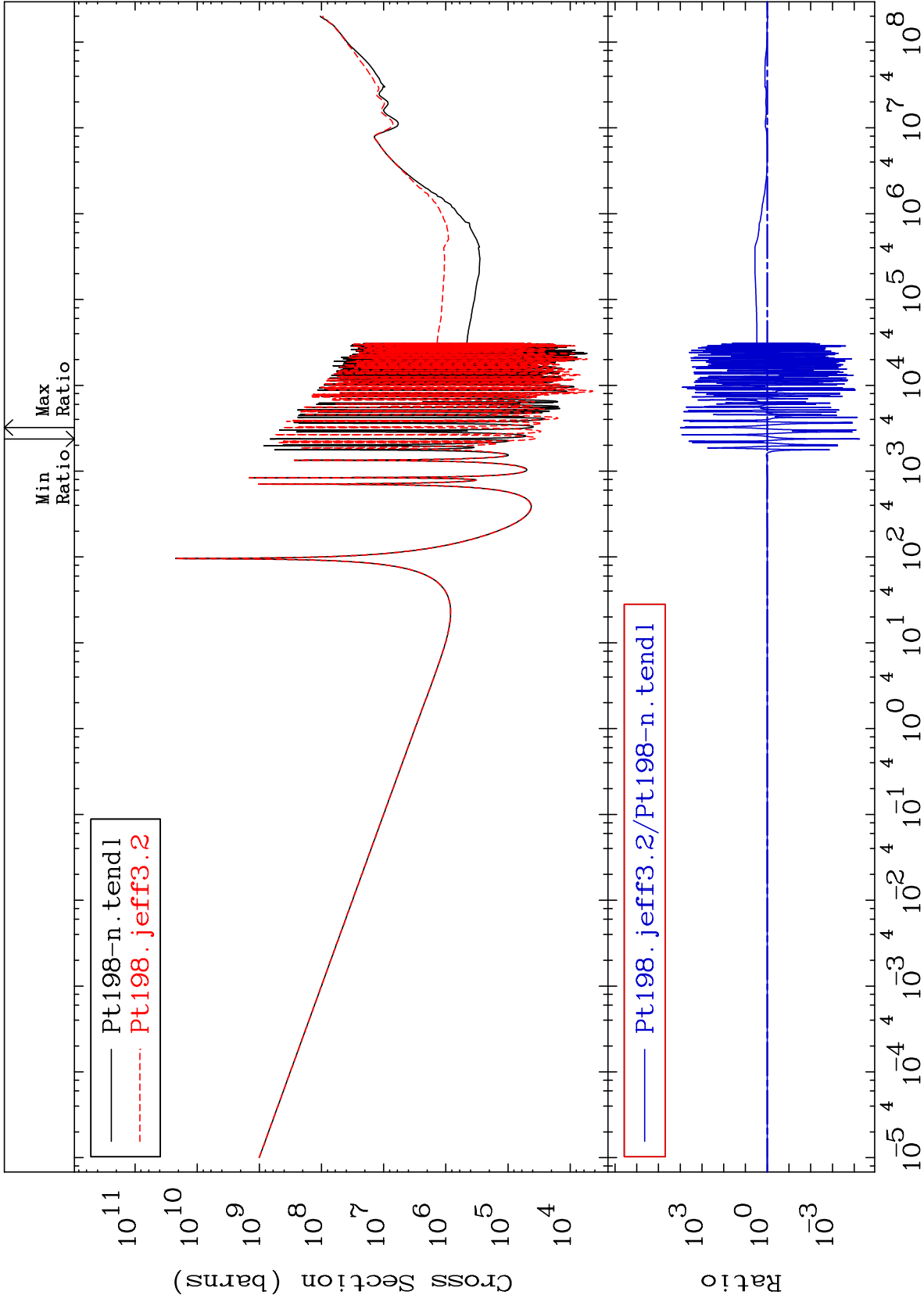
78-Pt-198

MAT 7849

He-4 Production
Cross Section

78-Pt-198
-100.0 To 1065. %

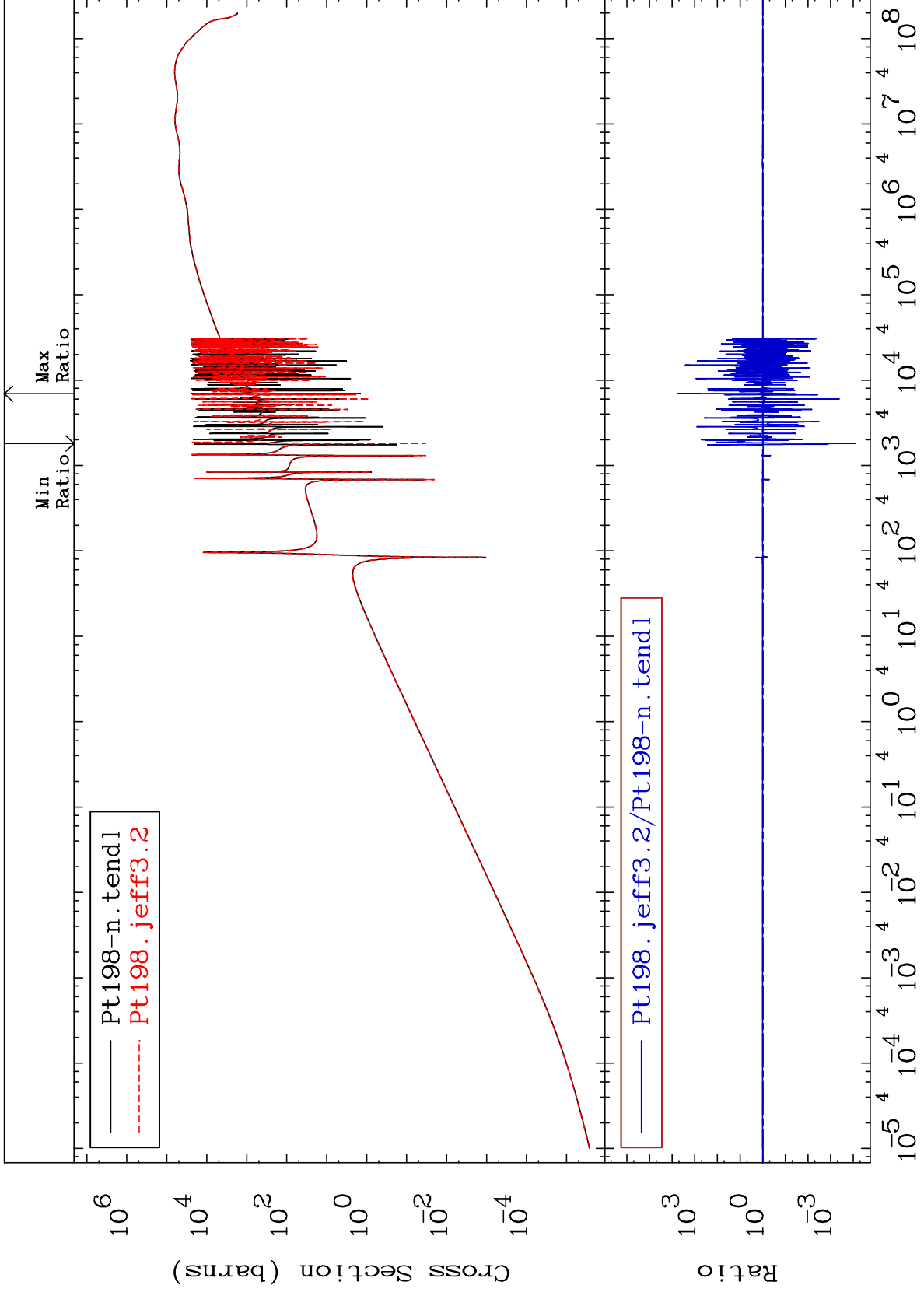


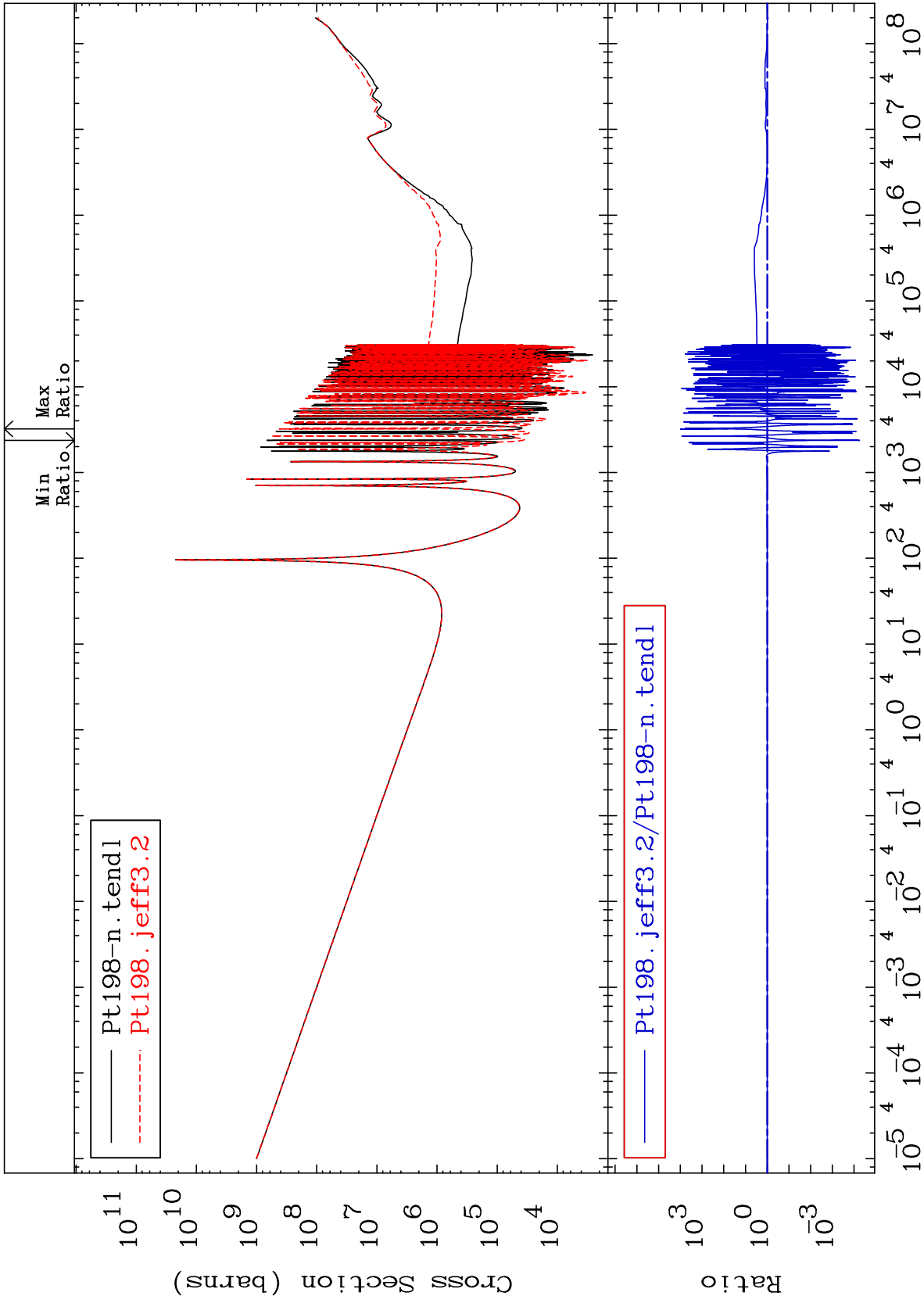


MAT 7849

Kerma elastic
Cross Section

78-Pt-198
-99.99 To 9999. %

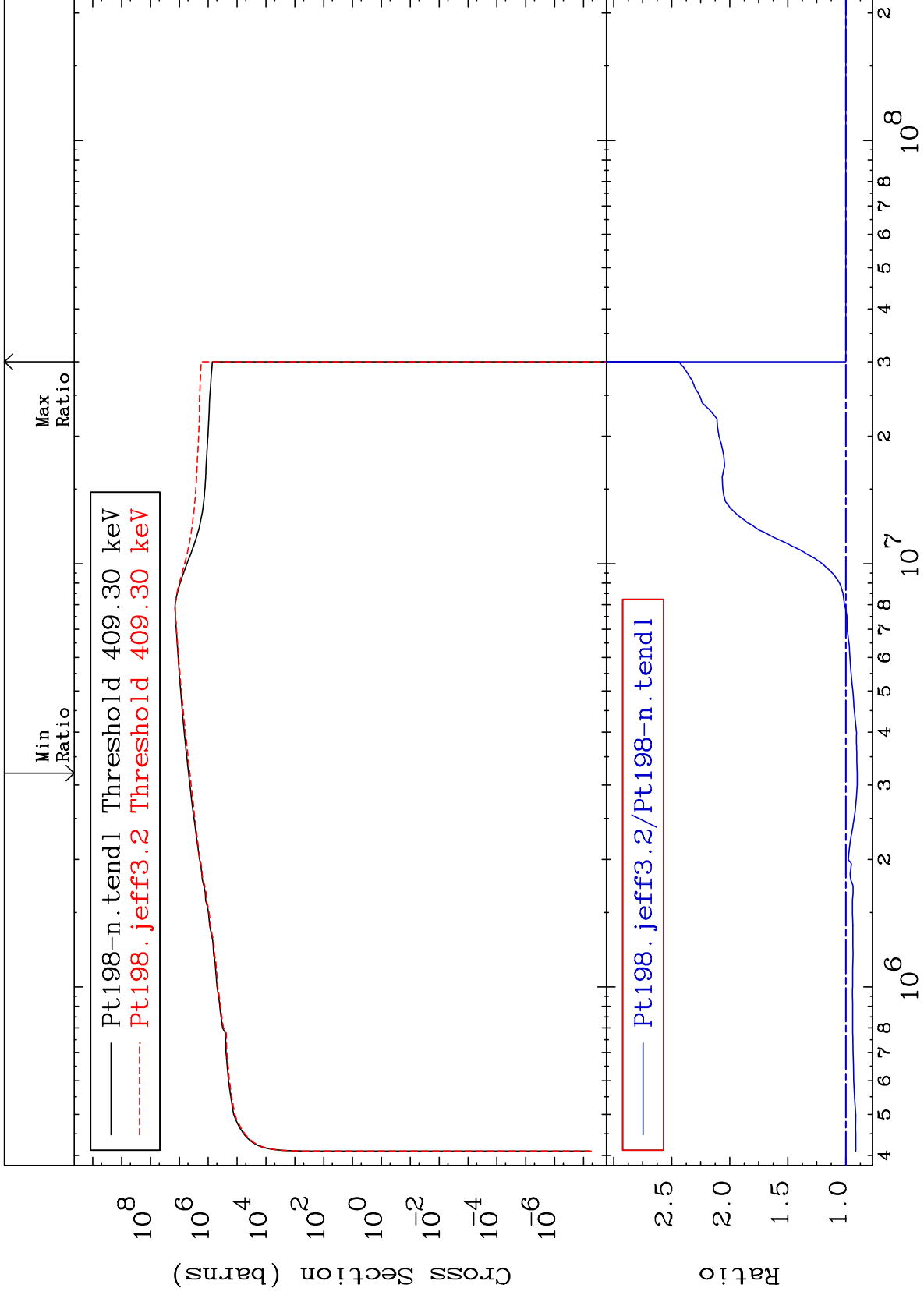




MAT 7849

Kerma inelastic (mt51-91)
Cross Section

78-Pt-198
-9.895 To 144.0 %



64

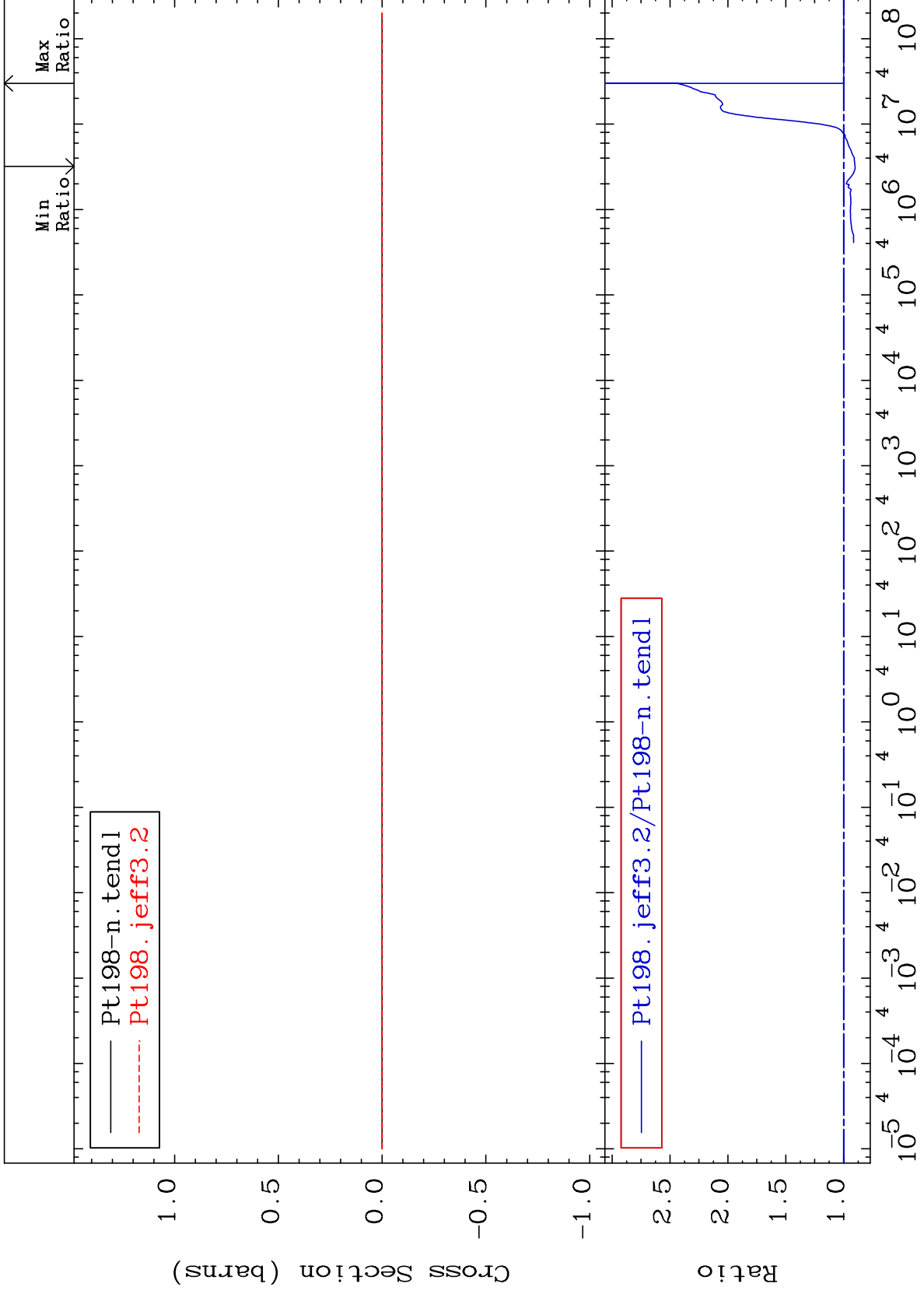
Incident Energy (eV)

78-Pt-198

MAT 7849

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

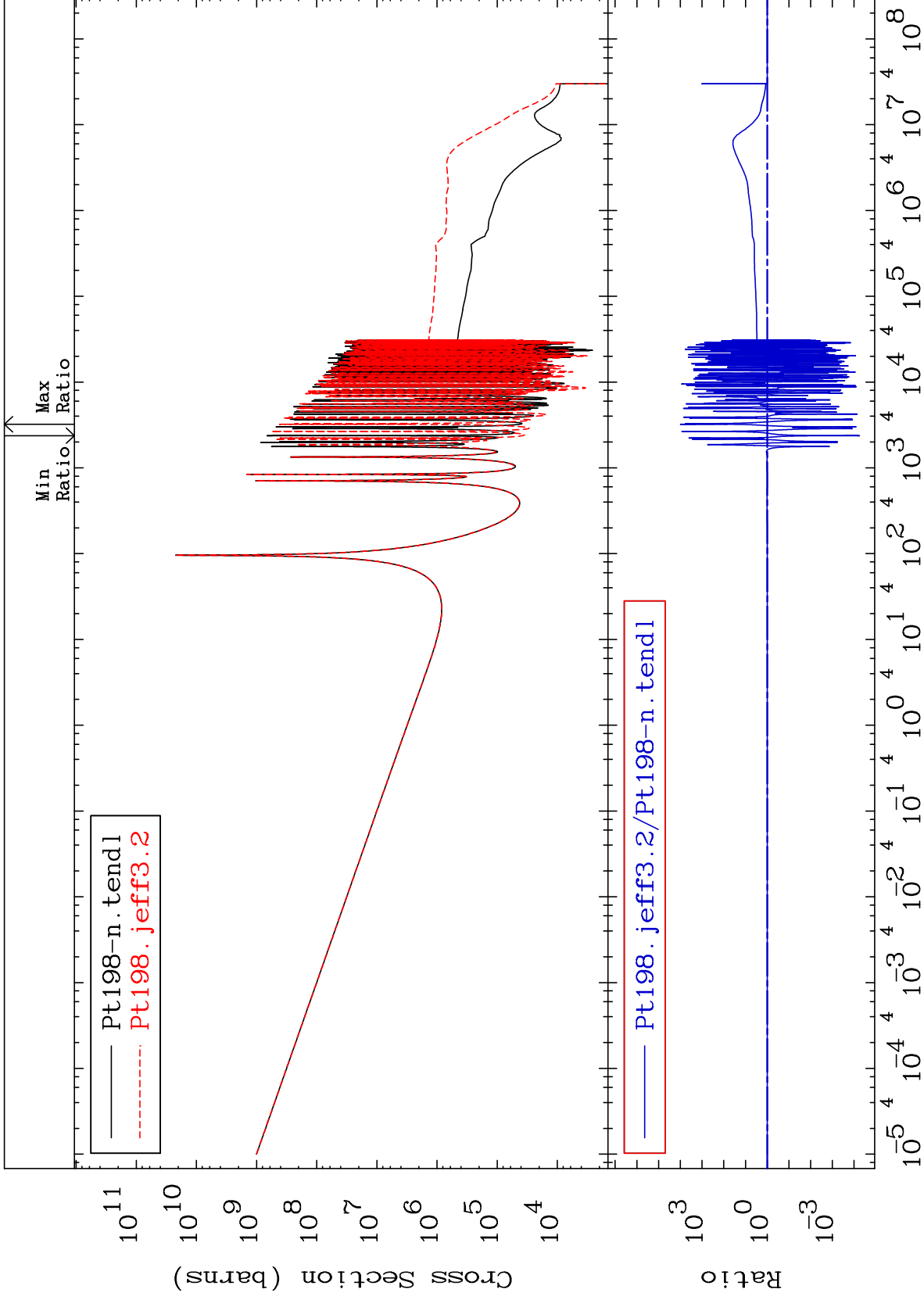
78-Pt-198
-9.895 To 144.0 %



65

Incident Energy (eV)

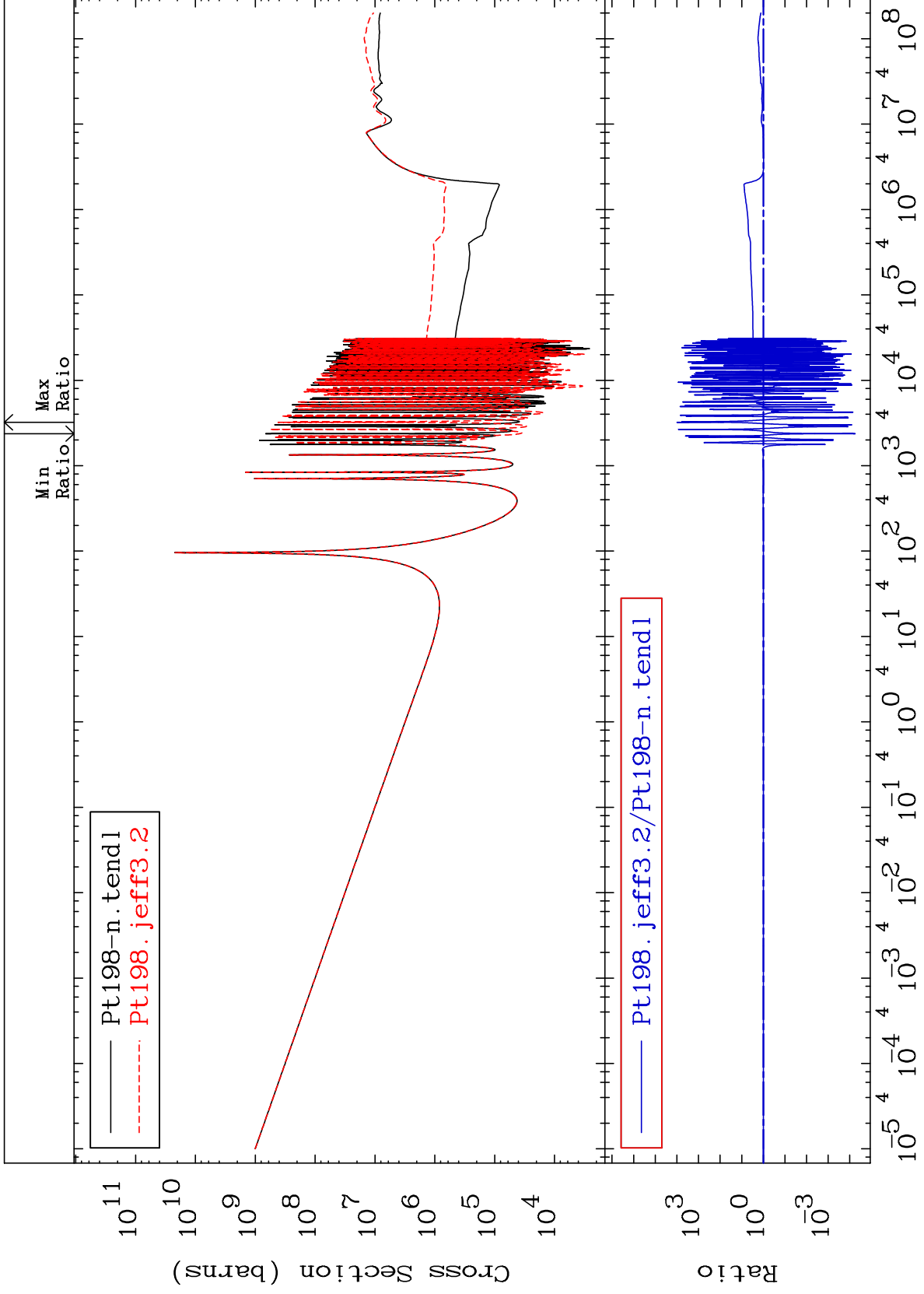
78-Pt-198



MAT 7849

Total photon (eV-barns)
Cross Section

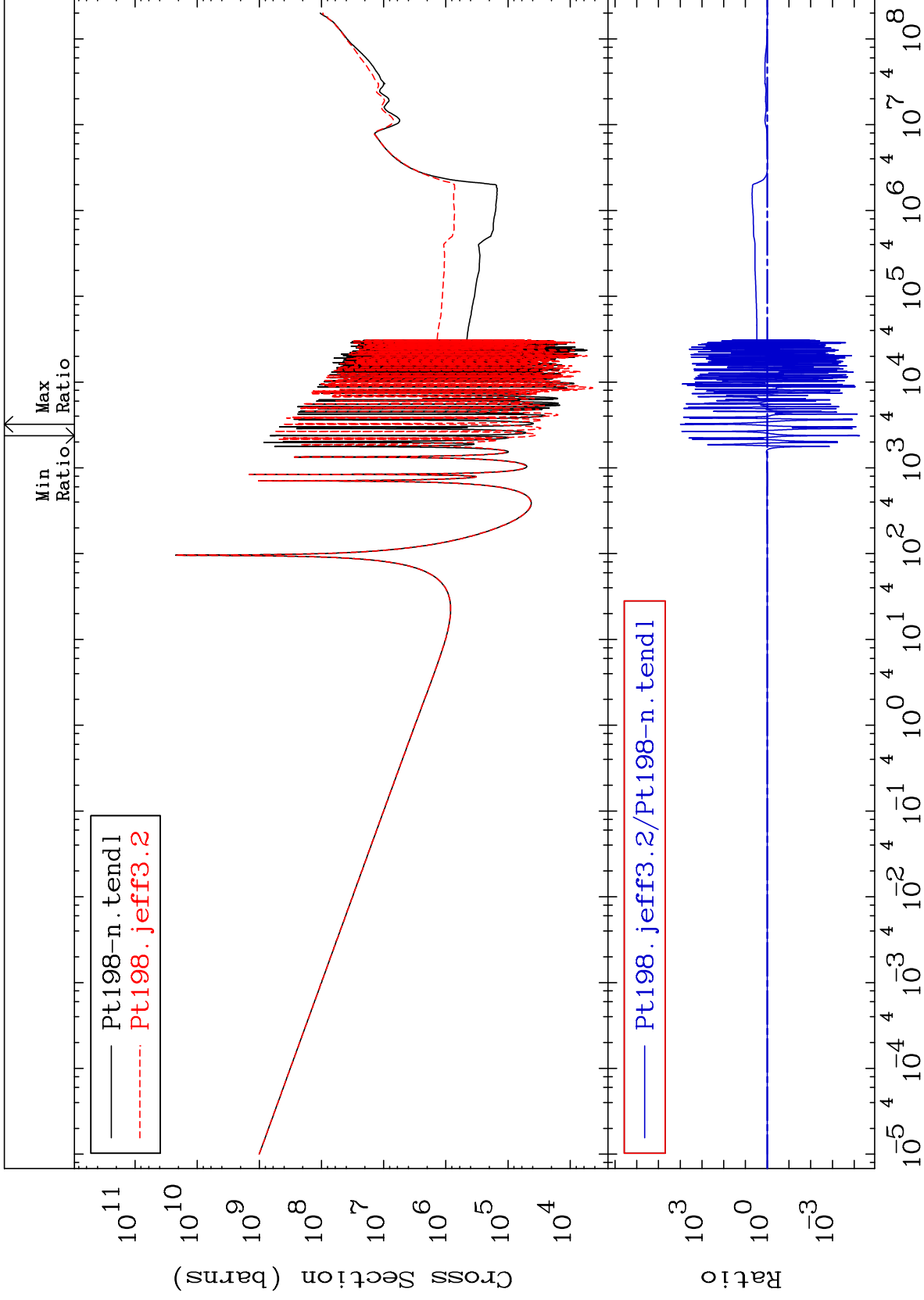
78-Pt-198
-99.99 To 9999. %

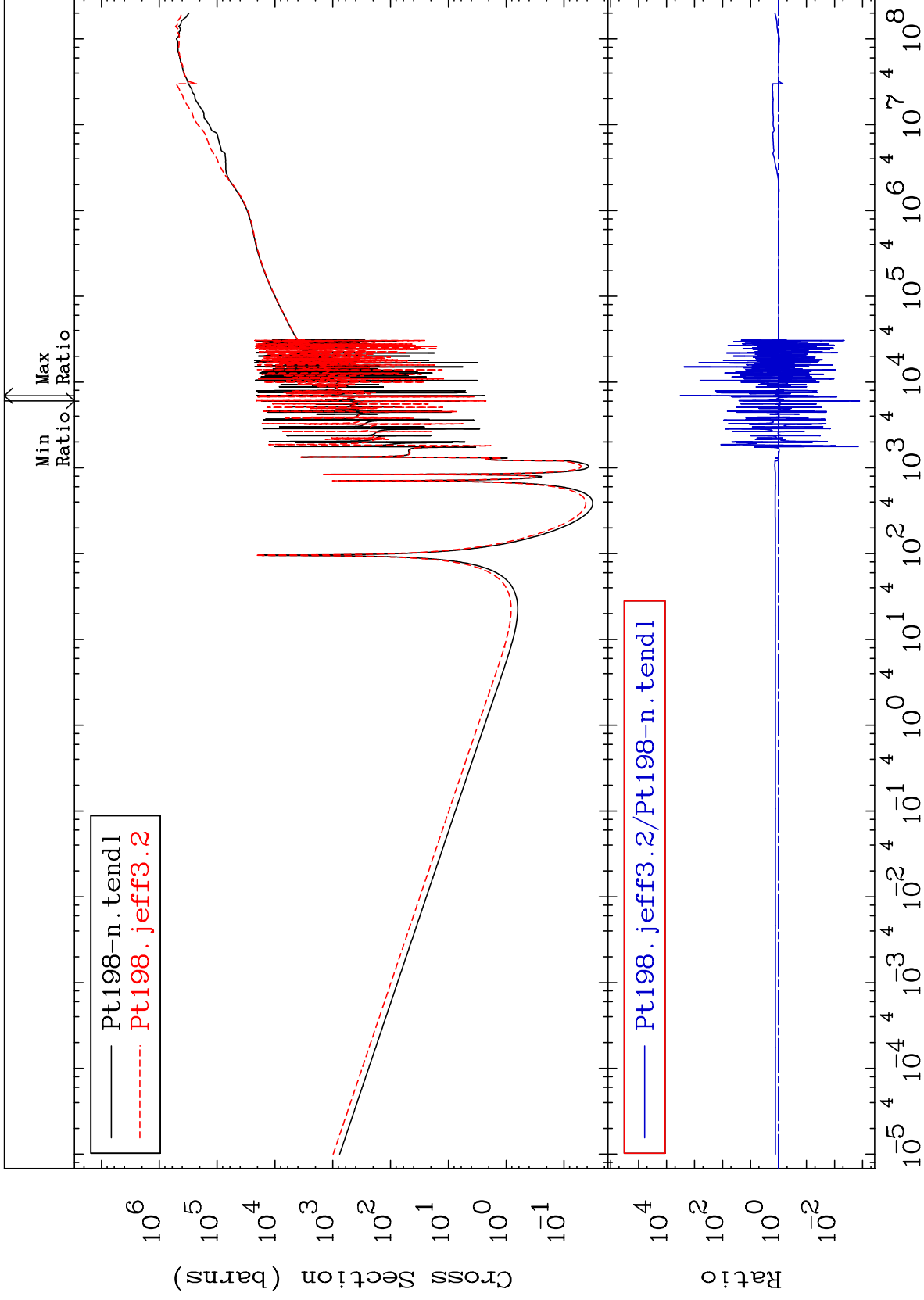


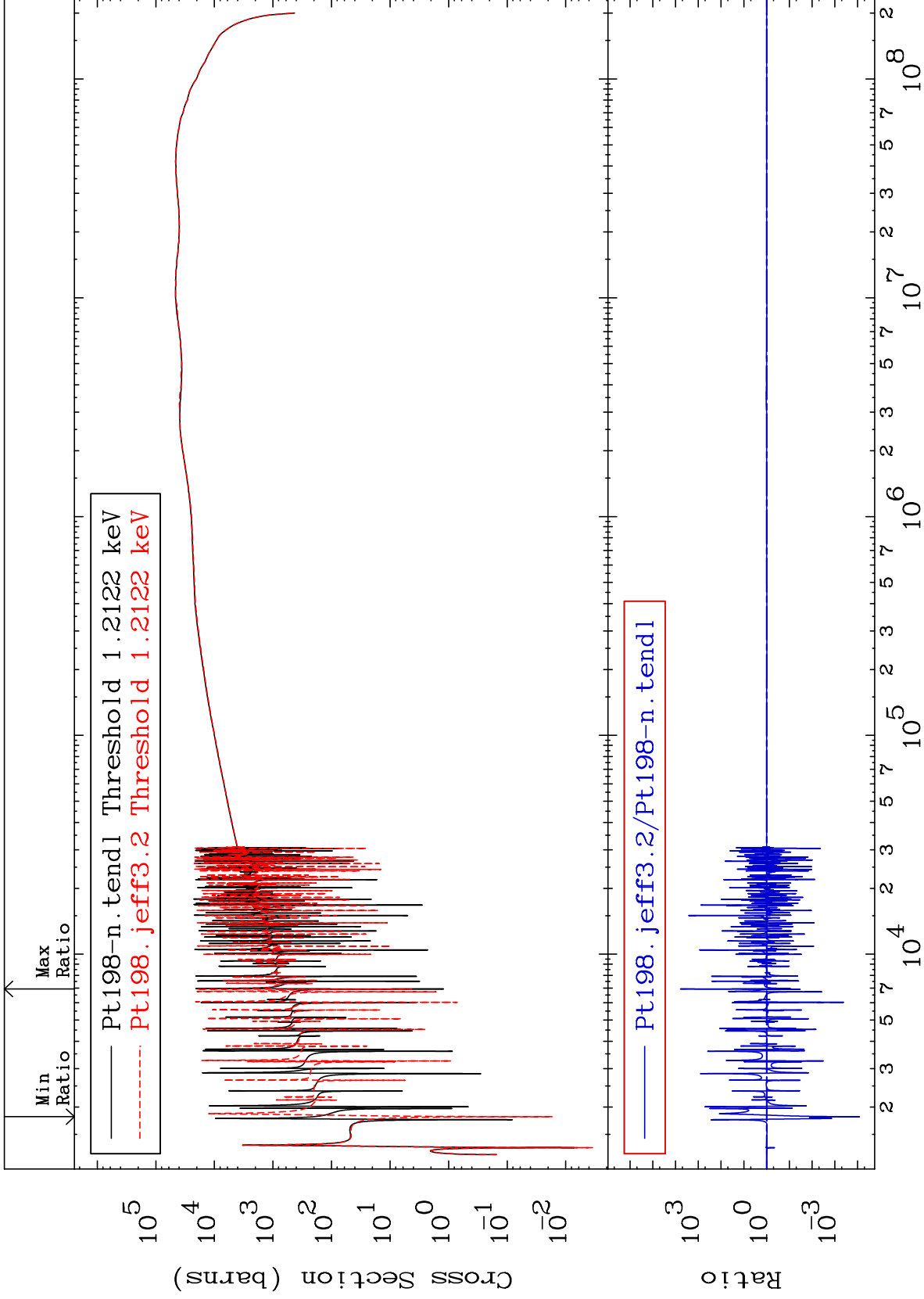
67

Incident Energy (eV)

78-Pt-198



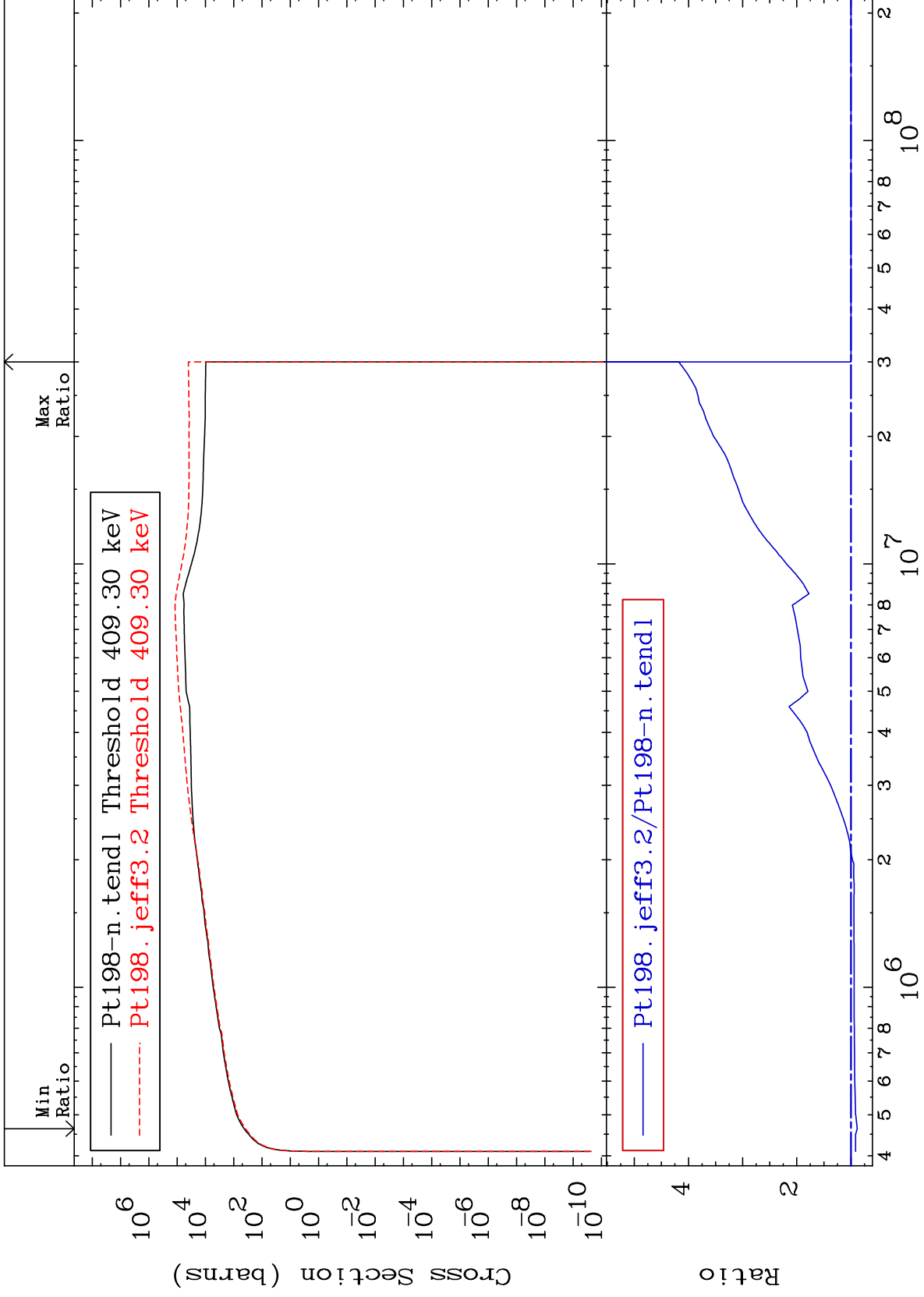




MAT 7849

Dpa inelastic (mt51-91)
Cross Section

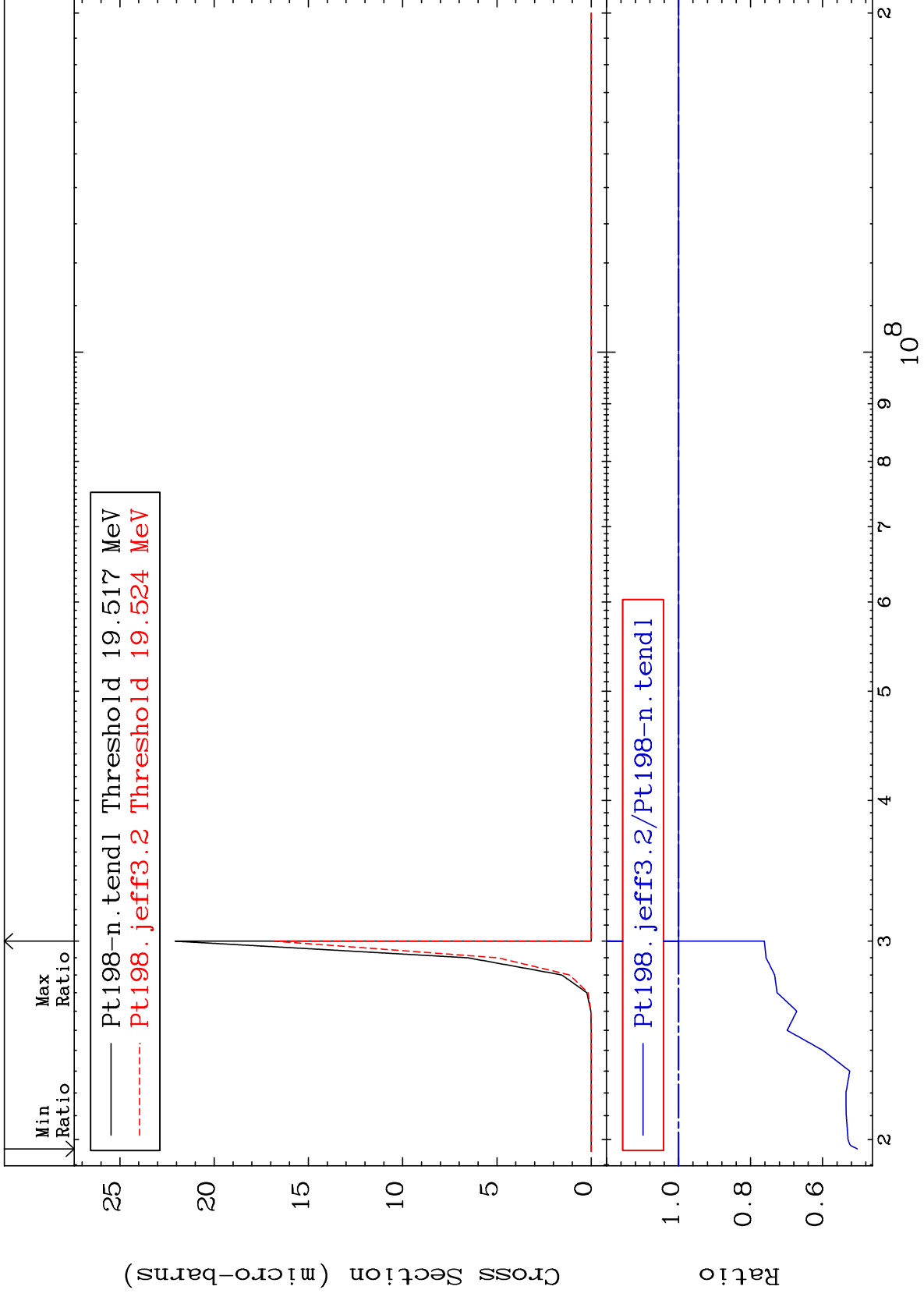
78-Pt-198
-11.60 To 318.2 %



71

Incident Energy (eV)

78-Pt-198

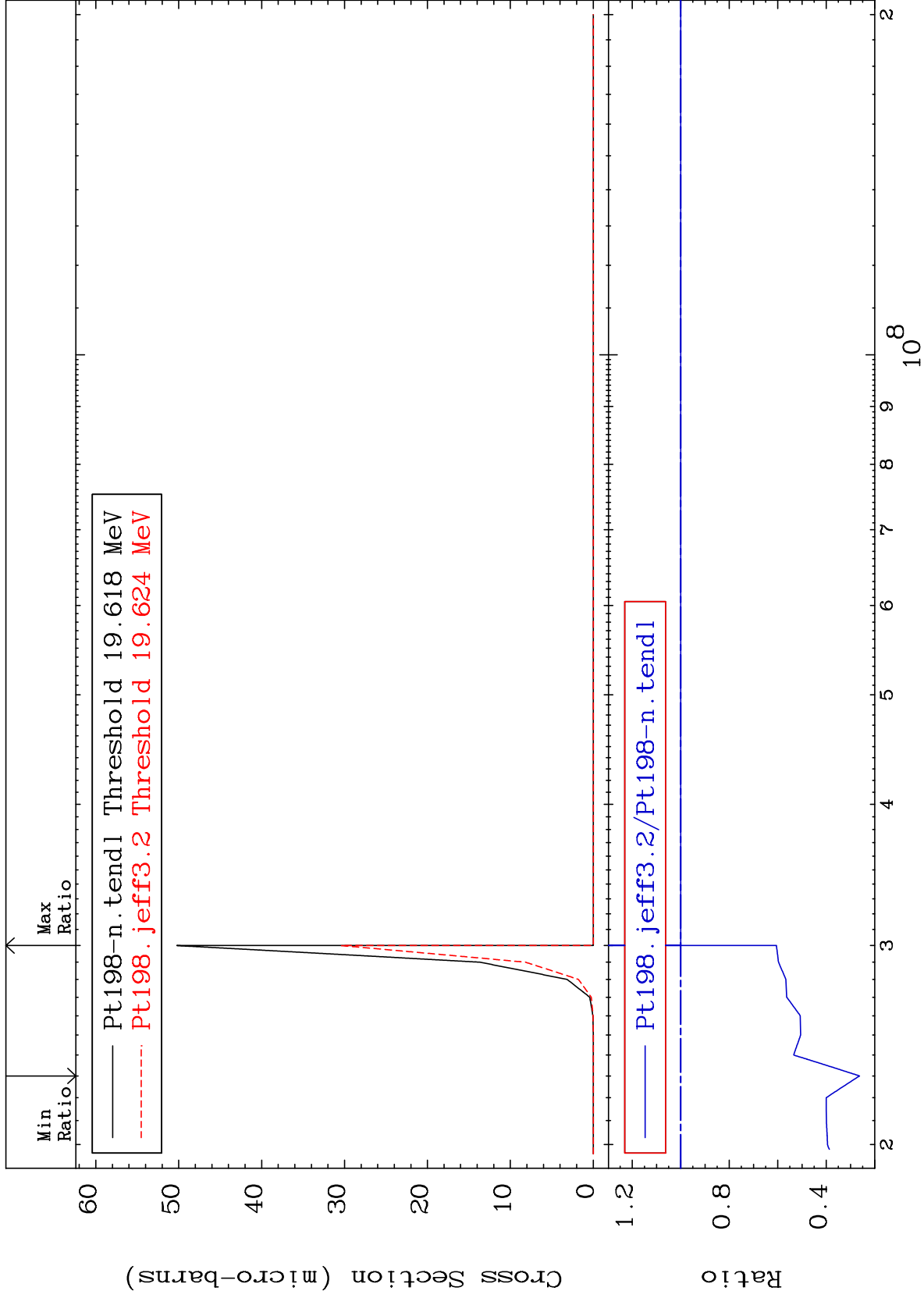


MAT 7849

(n,2n) d:77-Ir-195m2

78-Pt-198

Radionuclide Production Cross Section -73.73 To 0.000 %



74

Incident Energy (eV)

78-Pt-198

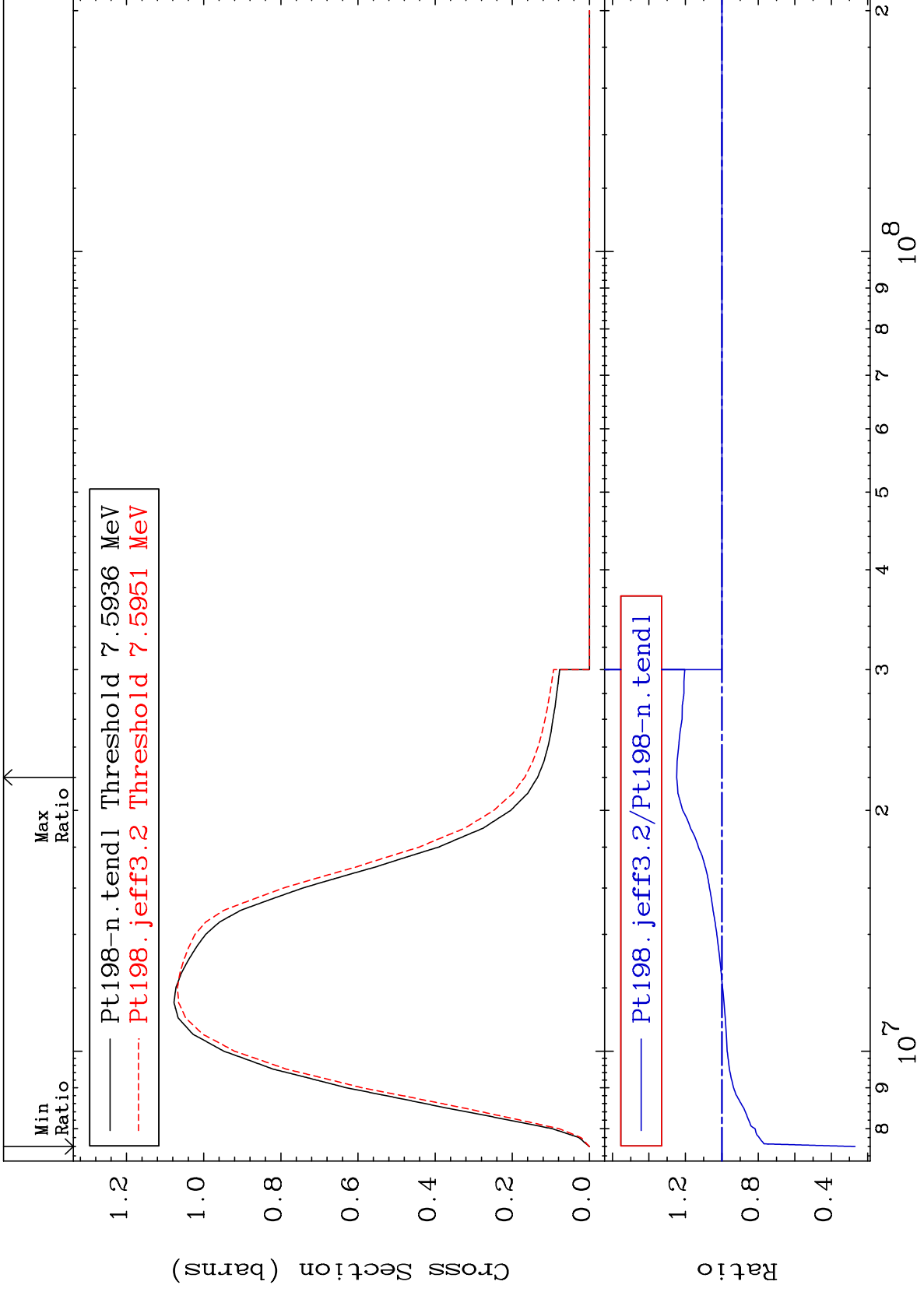
MAT 7849

(n,2n):78-Pt-197g

78-Pt-198

Radionuclide Production Cross Section

-73.03 To 24.77 %



75

Incident Energy (eV)

78-Pt-198

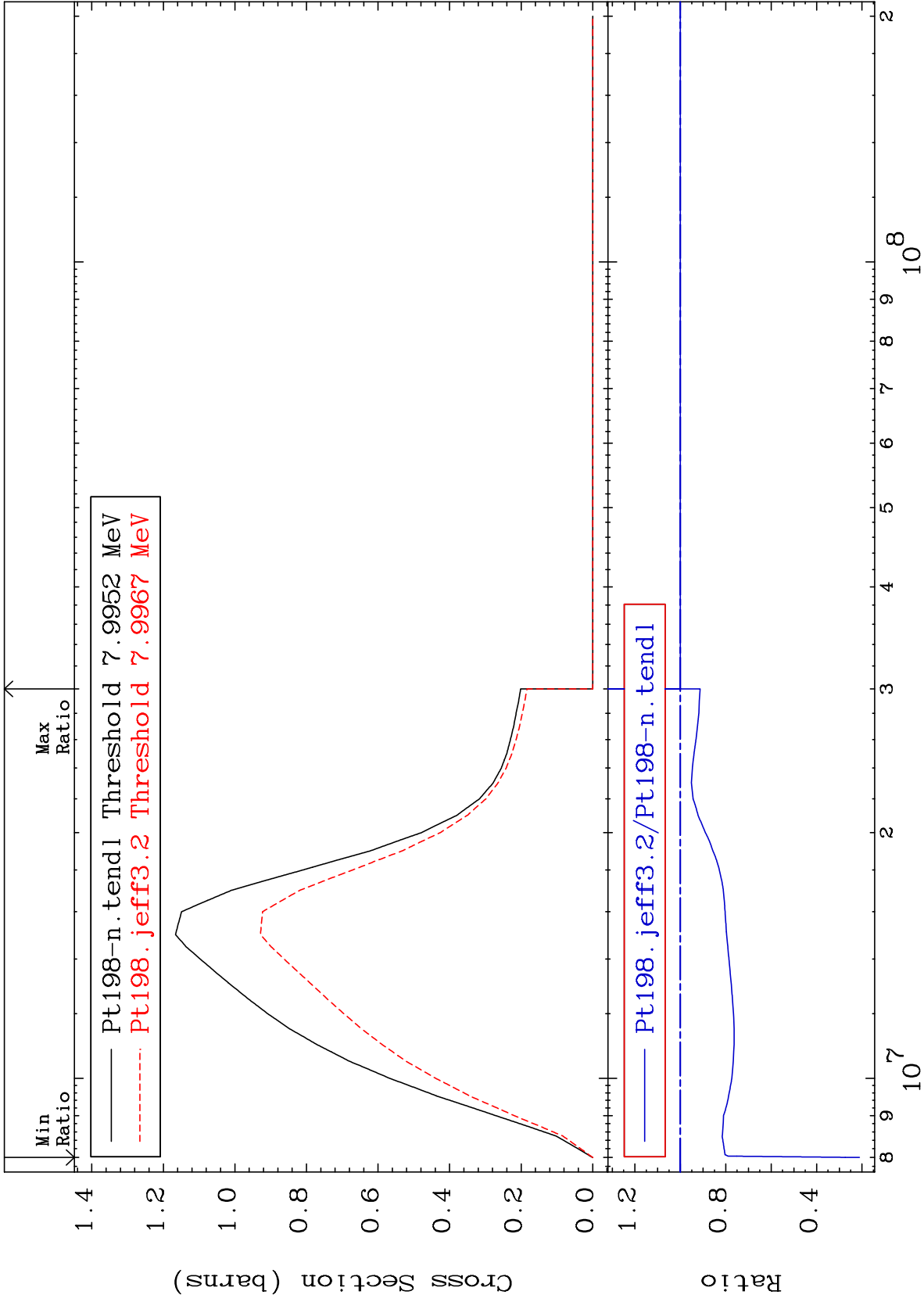
MAT 7849

(n,2n):78-Pt-197m9

78-Pt-198

Radionuclide Production Cross Section

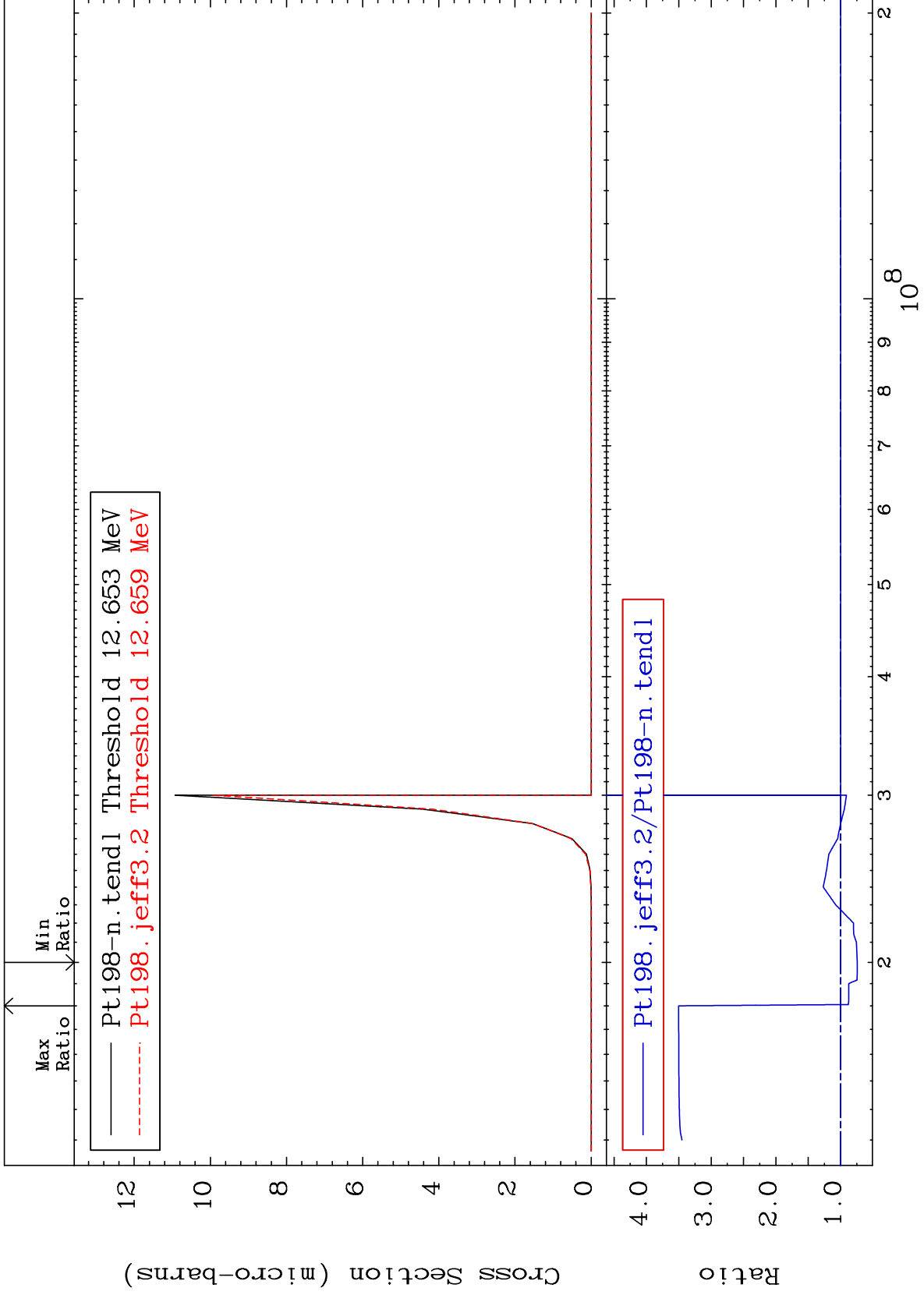
-78.86 To 0.000 %



76

Incident Energy (eV)

78-Pt-198

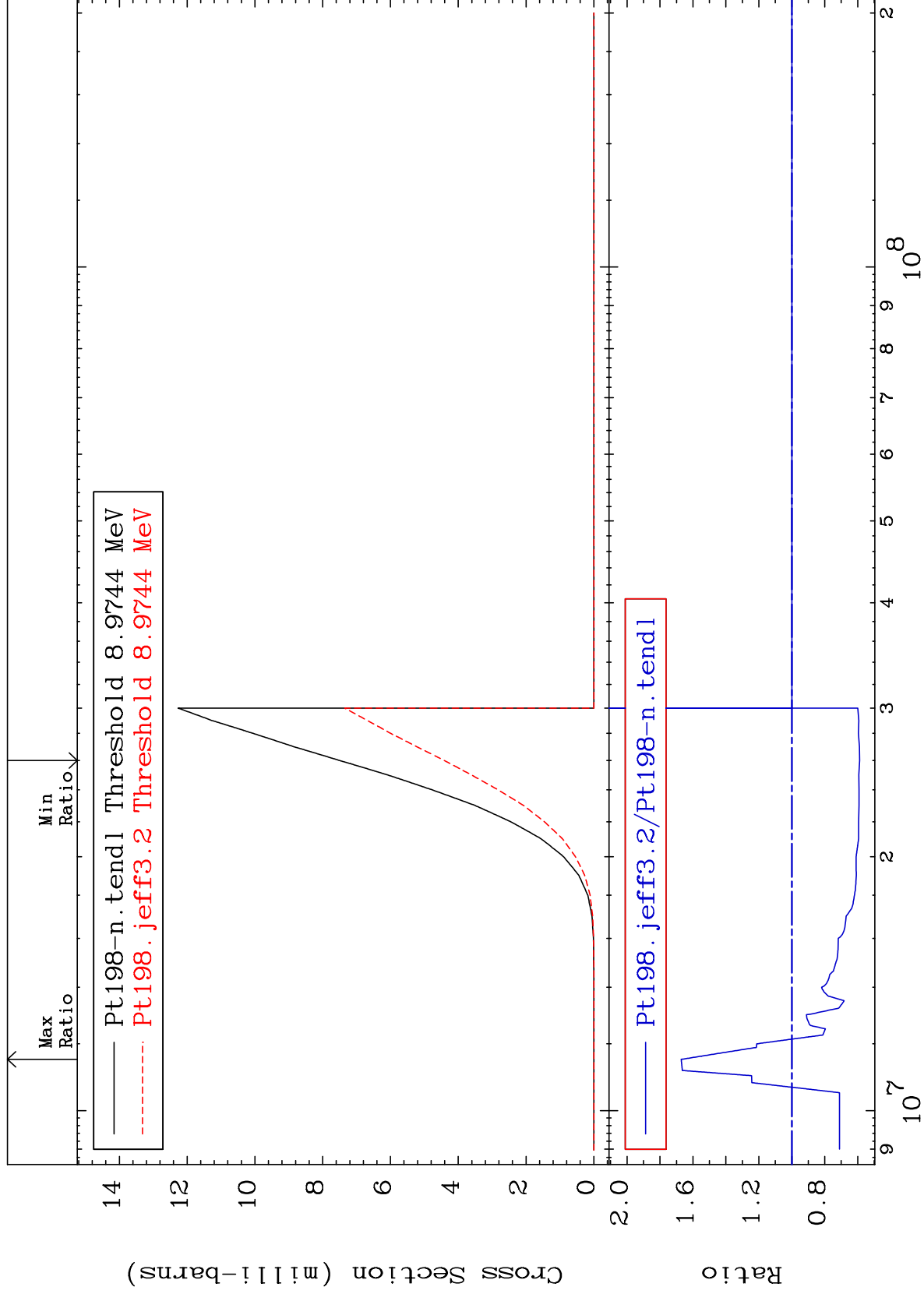


MAT 7849

(n, n') p: 77-Ir-197g

78-Pt-198

Radionuclide Production Cross Section -41.17 To 67.14 %

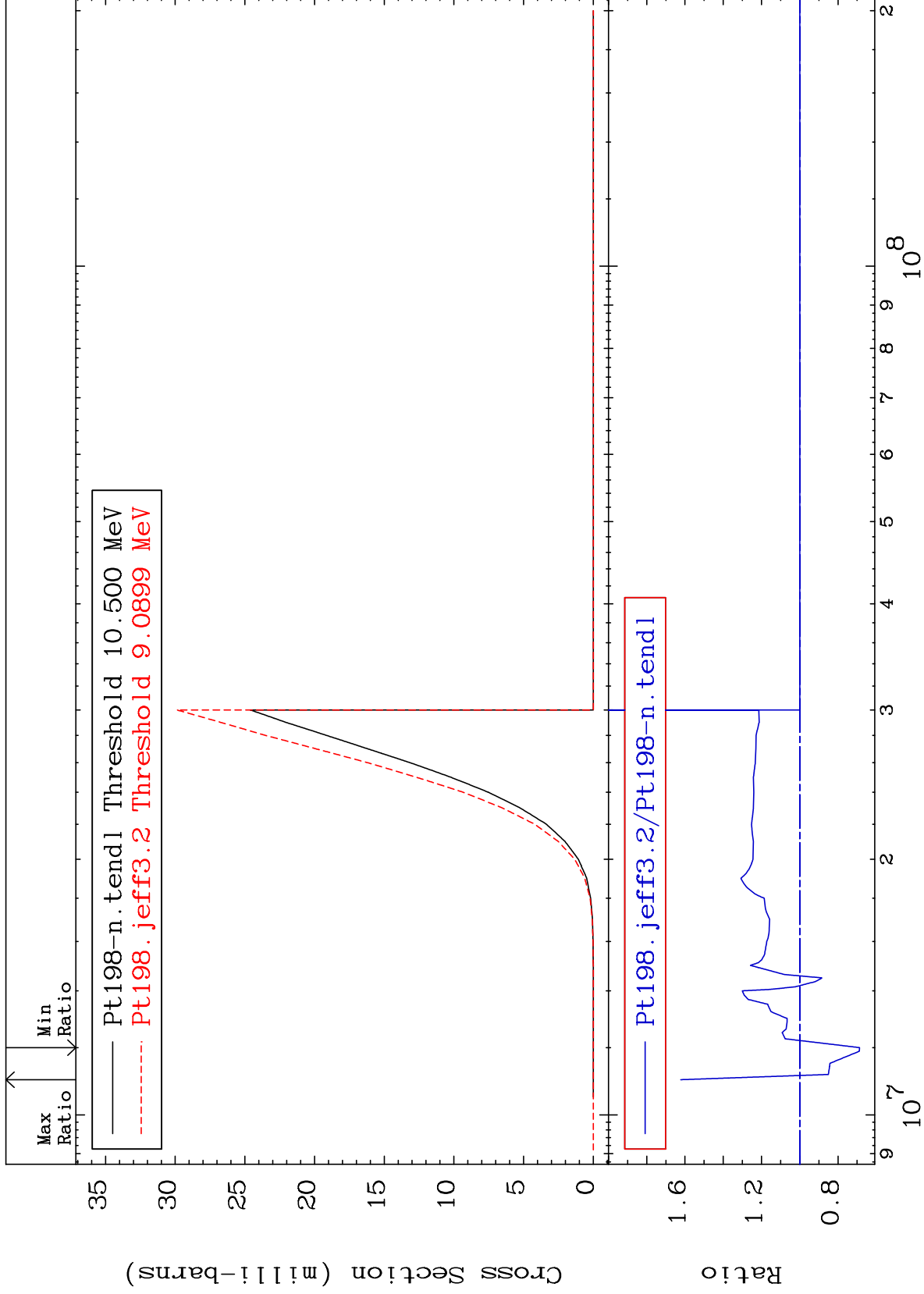


78

Incident Energy (eV)

78-Pt-198

Radionuclide Production Cross Section -31.26 To 62.20 %



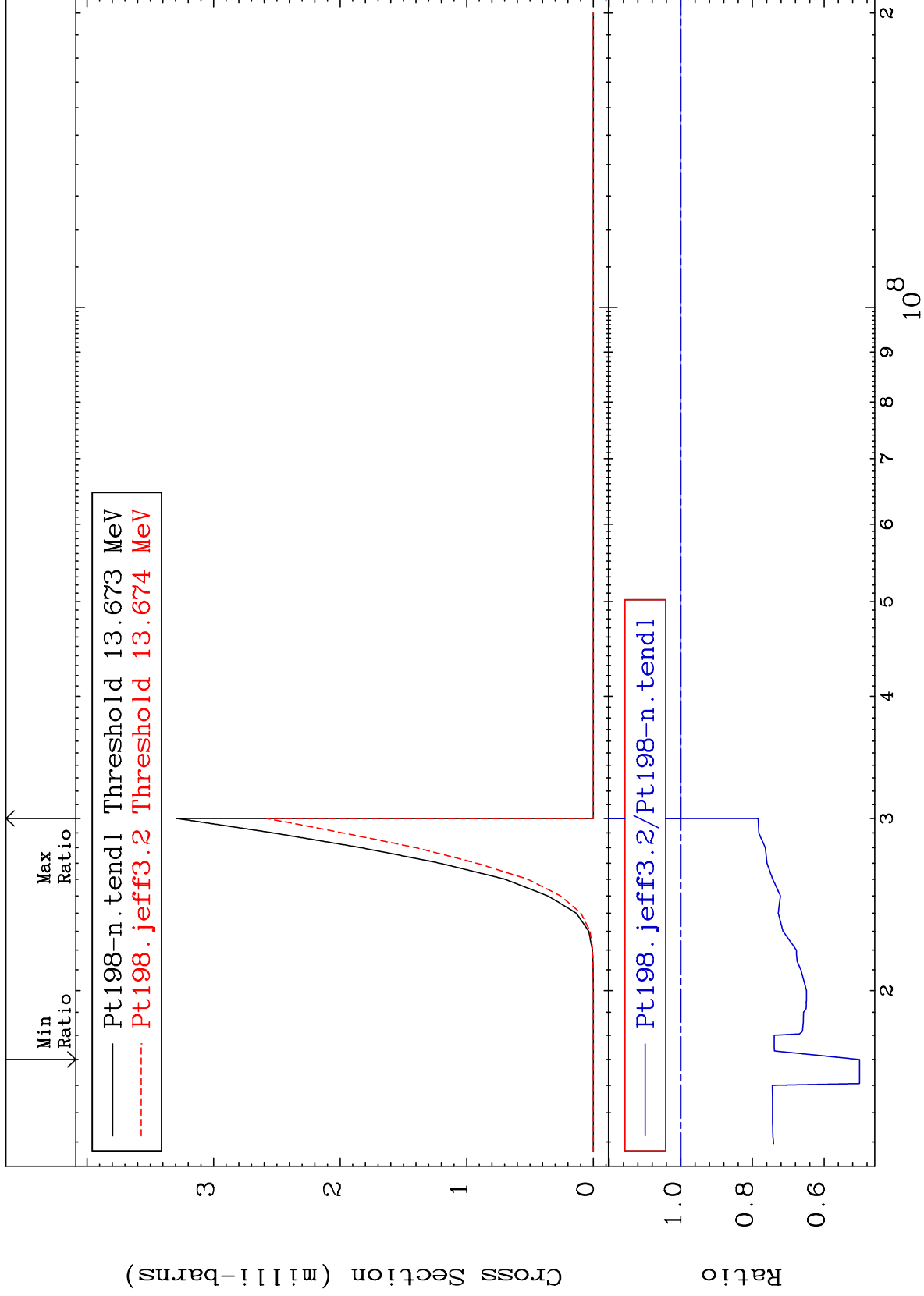
MAT 7849

(n, n') d: 77-Ir-196g

78-Pt-198

Radionuclide Production Cross Section

-49.90 To 0.000 %



80

Incident Energy (eV)

78-Pt-198

MAT 7849

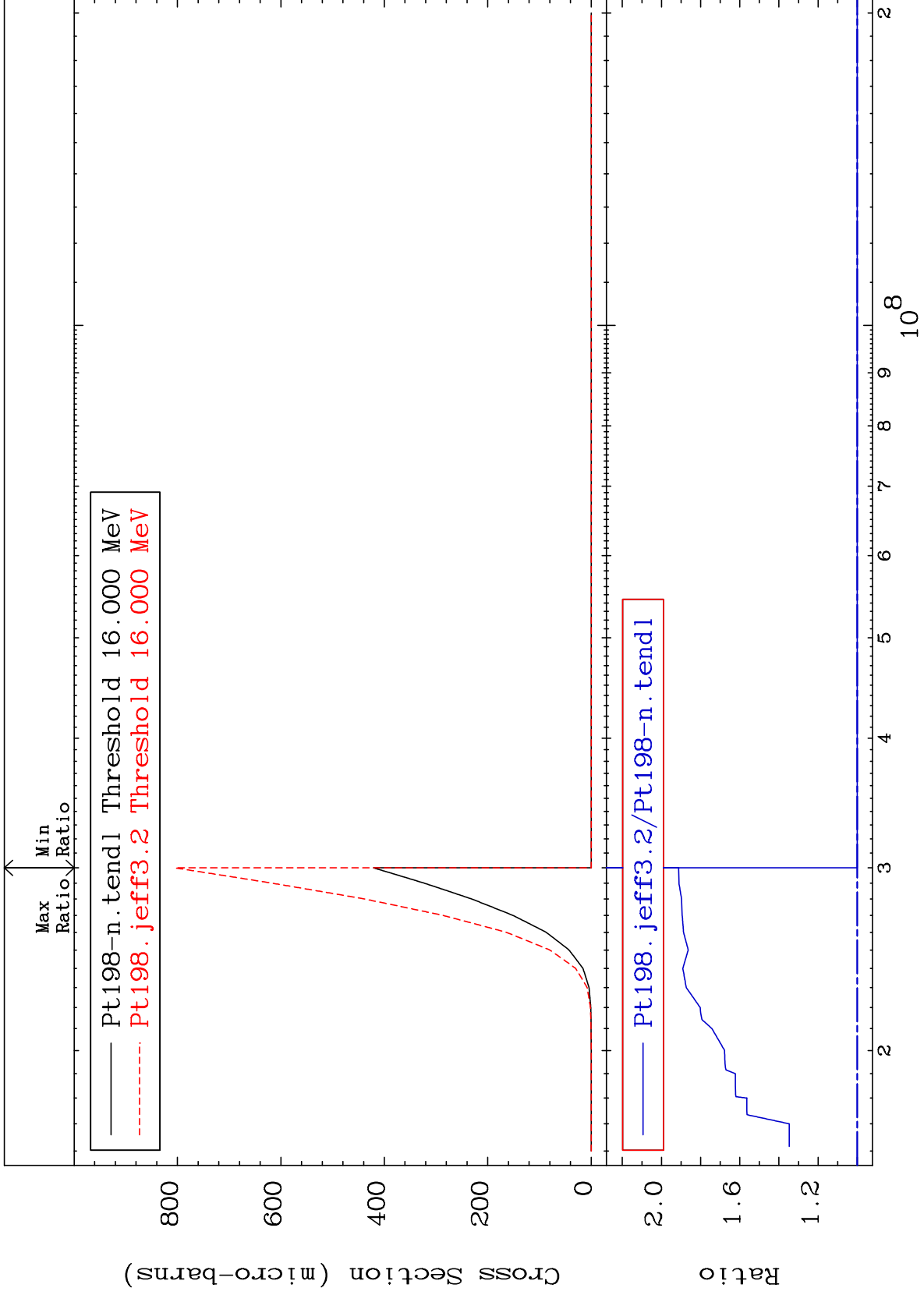
(n, n') d: 77-Ir-196m4

78-Pt-198

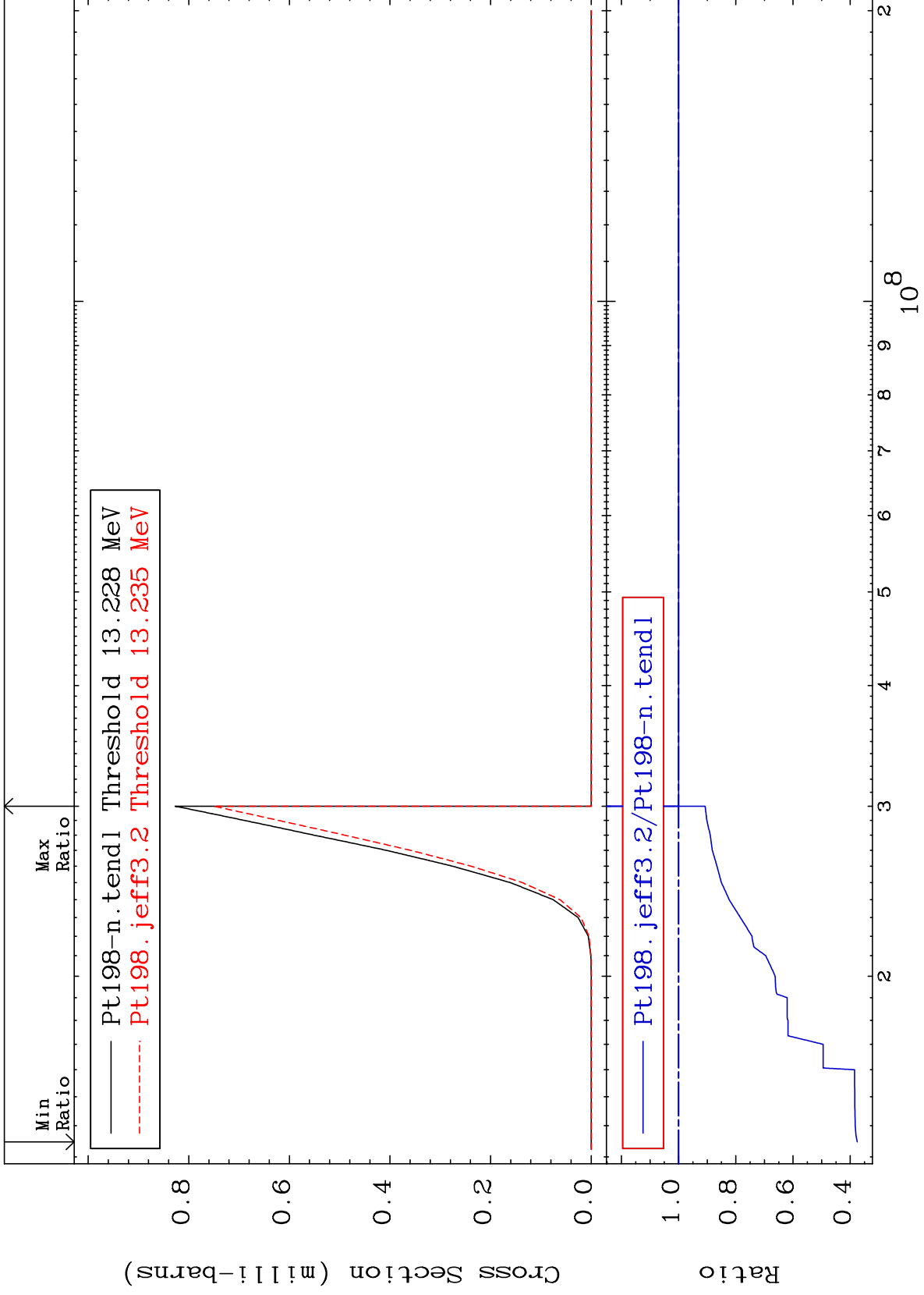
Radionuclide Production Cross Section

0.000

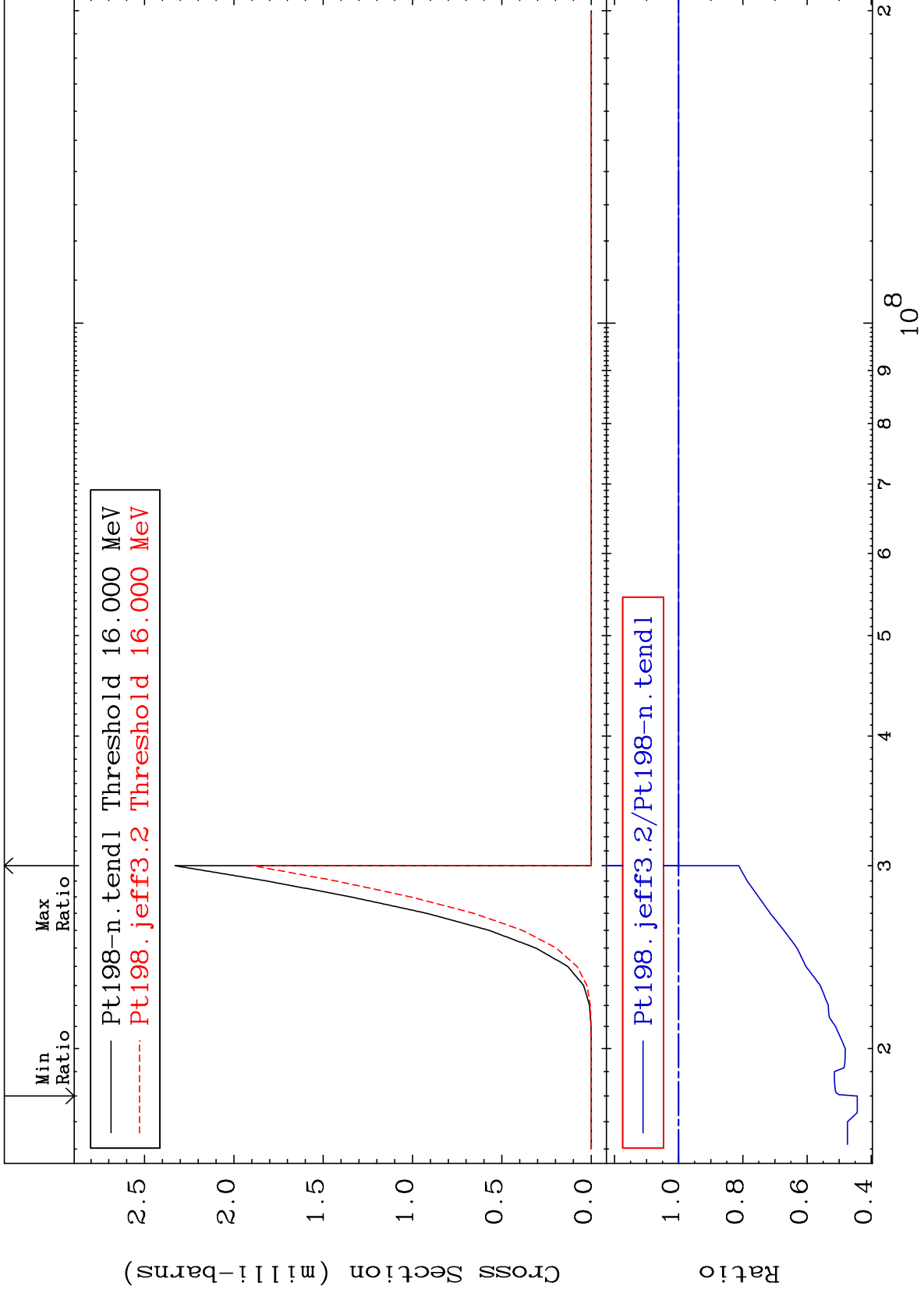
To 91.23 %

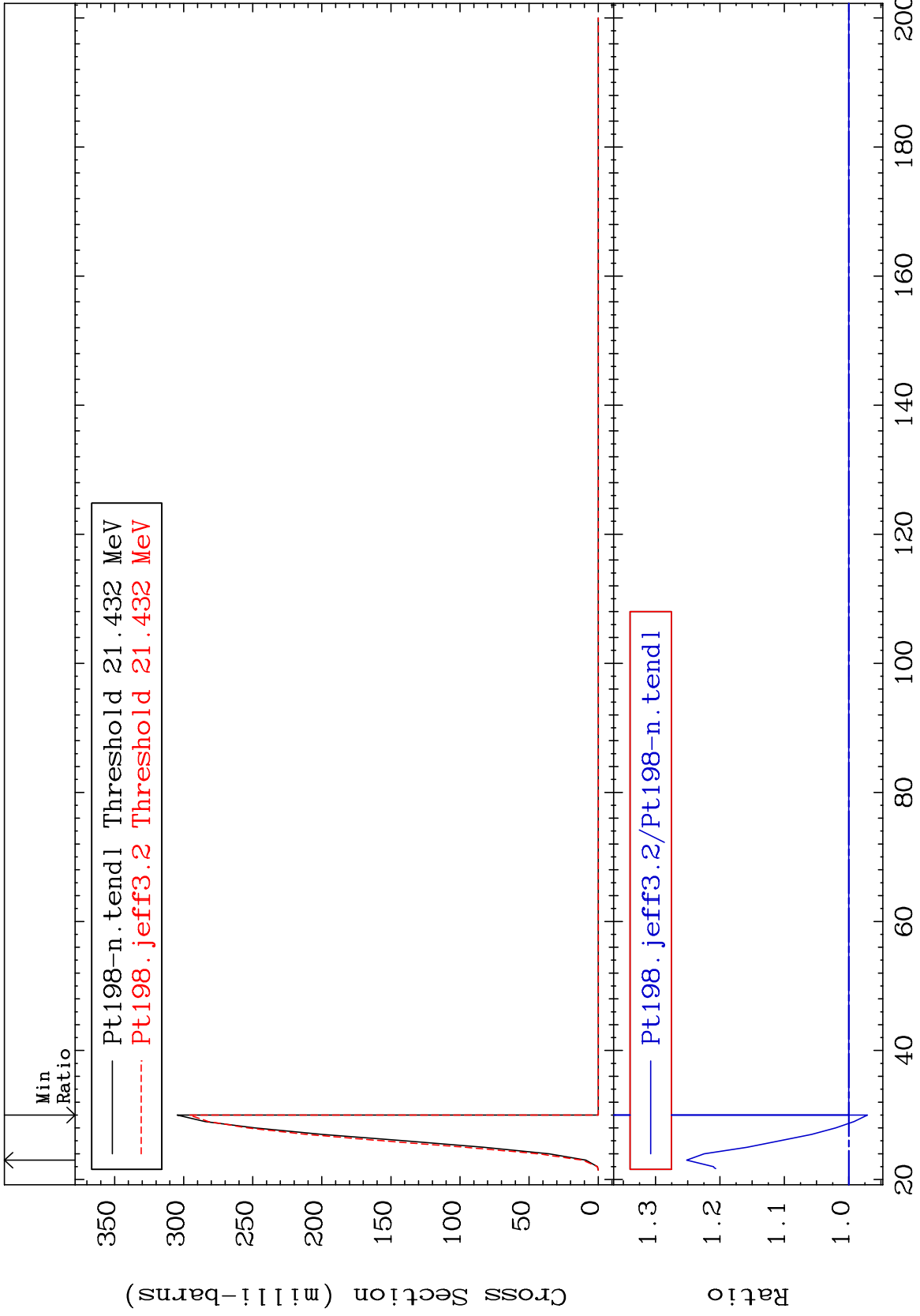


Radionuclide Production Cross Section -62.45 To 0.000 %

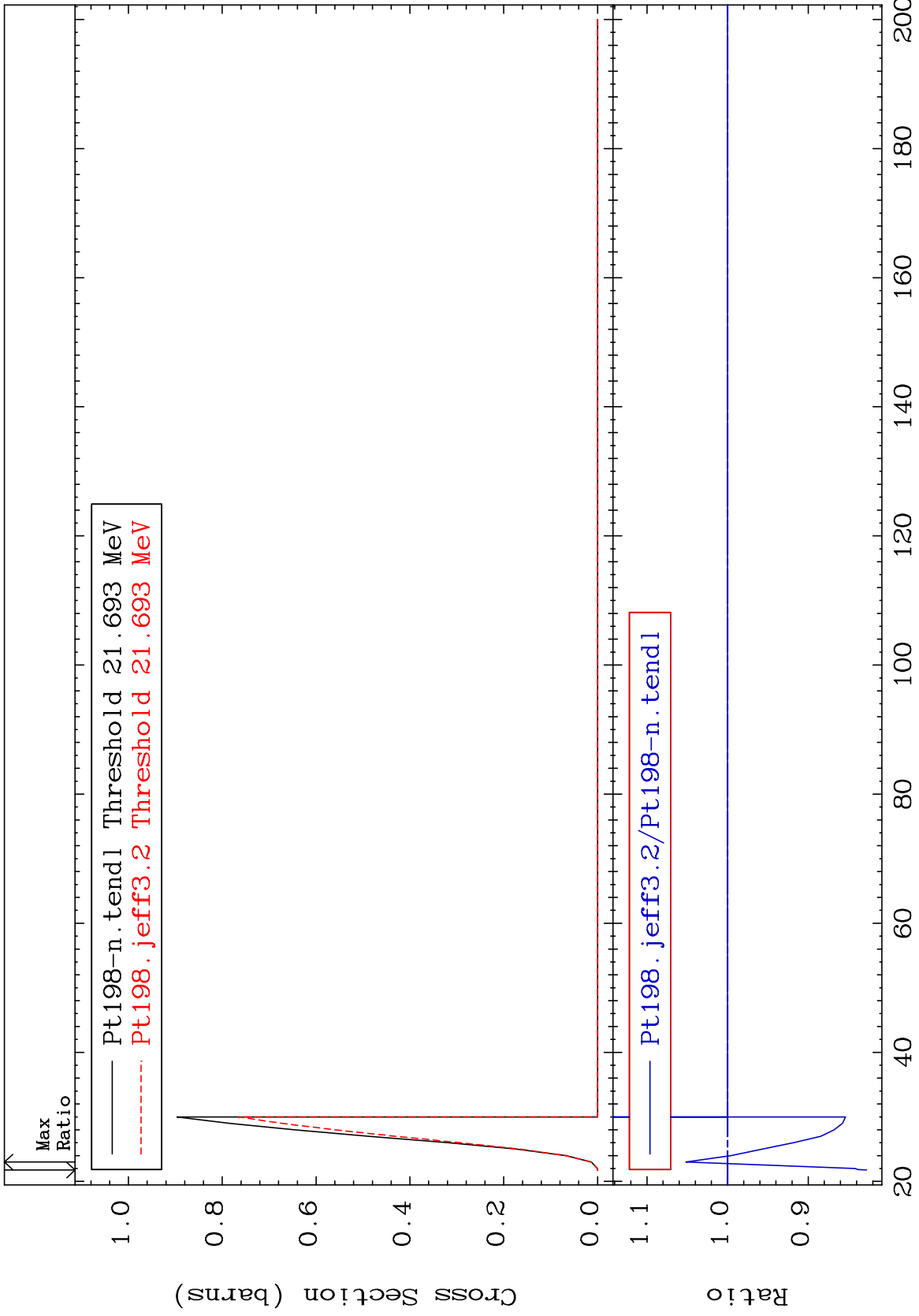


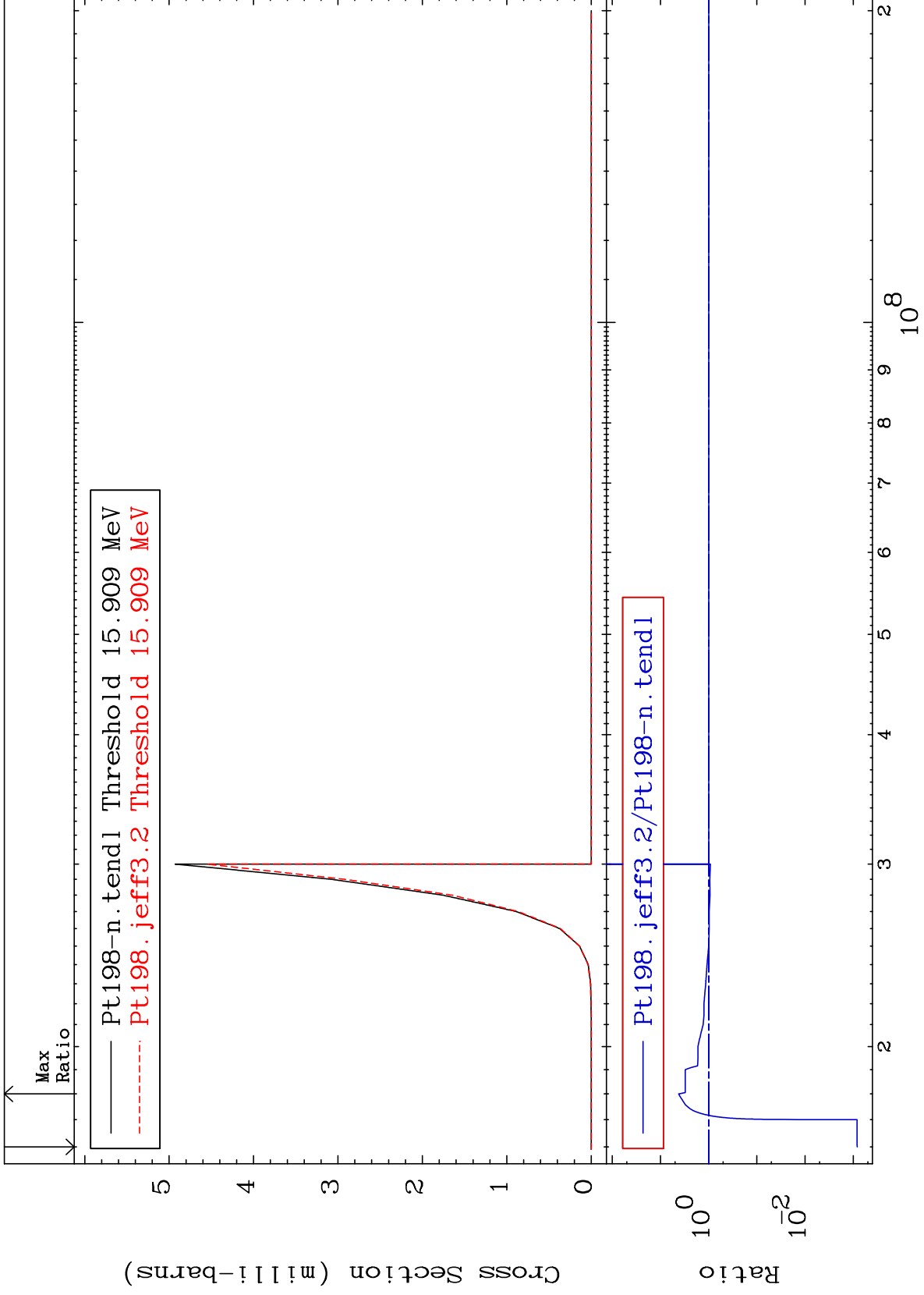
Radionuclide Production Cross Section -55.64 To 0.000 %



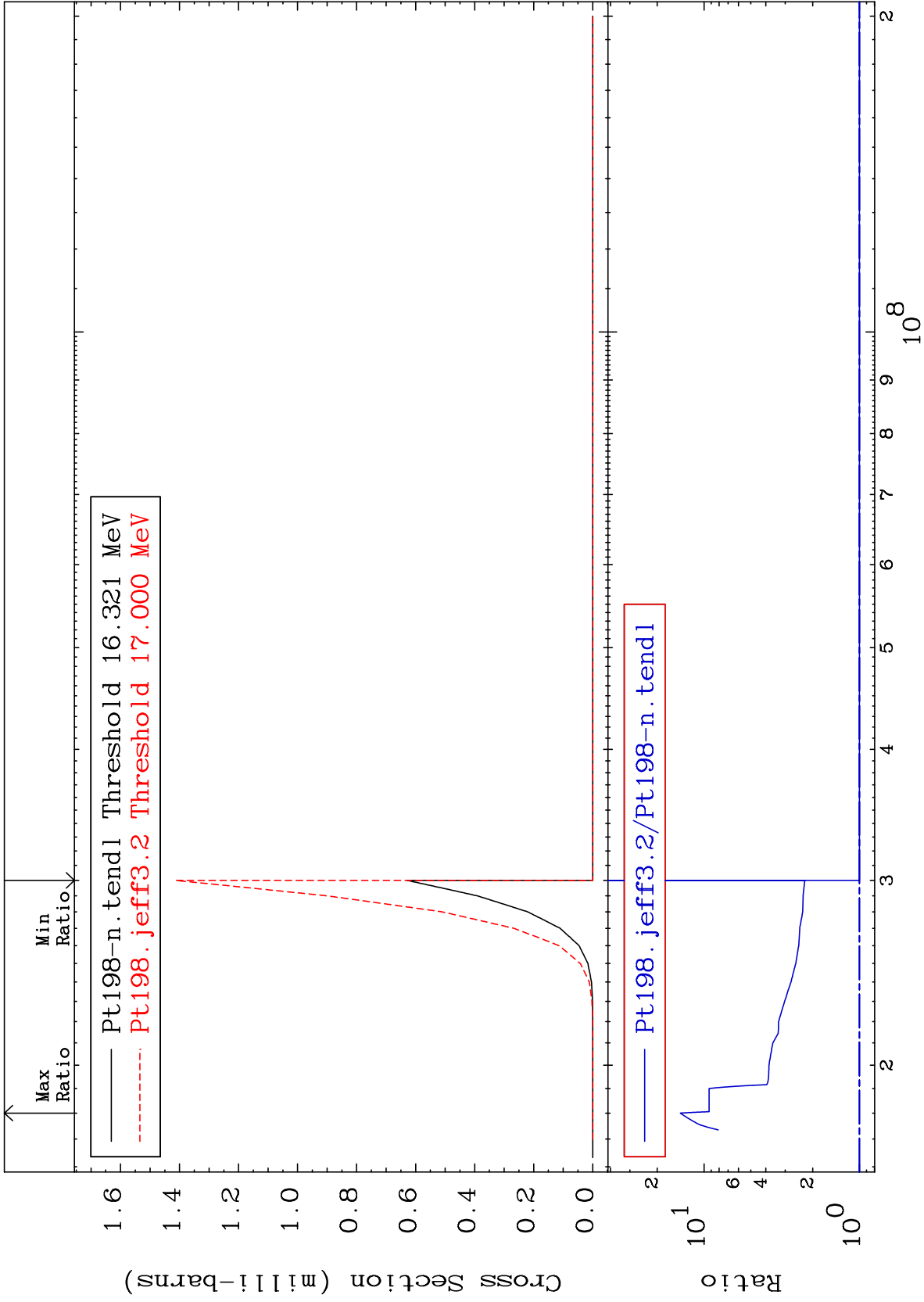


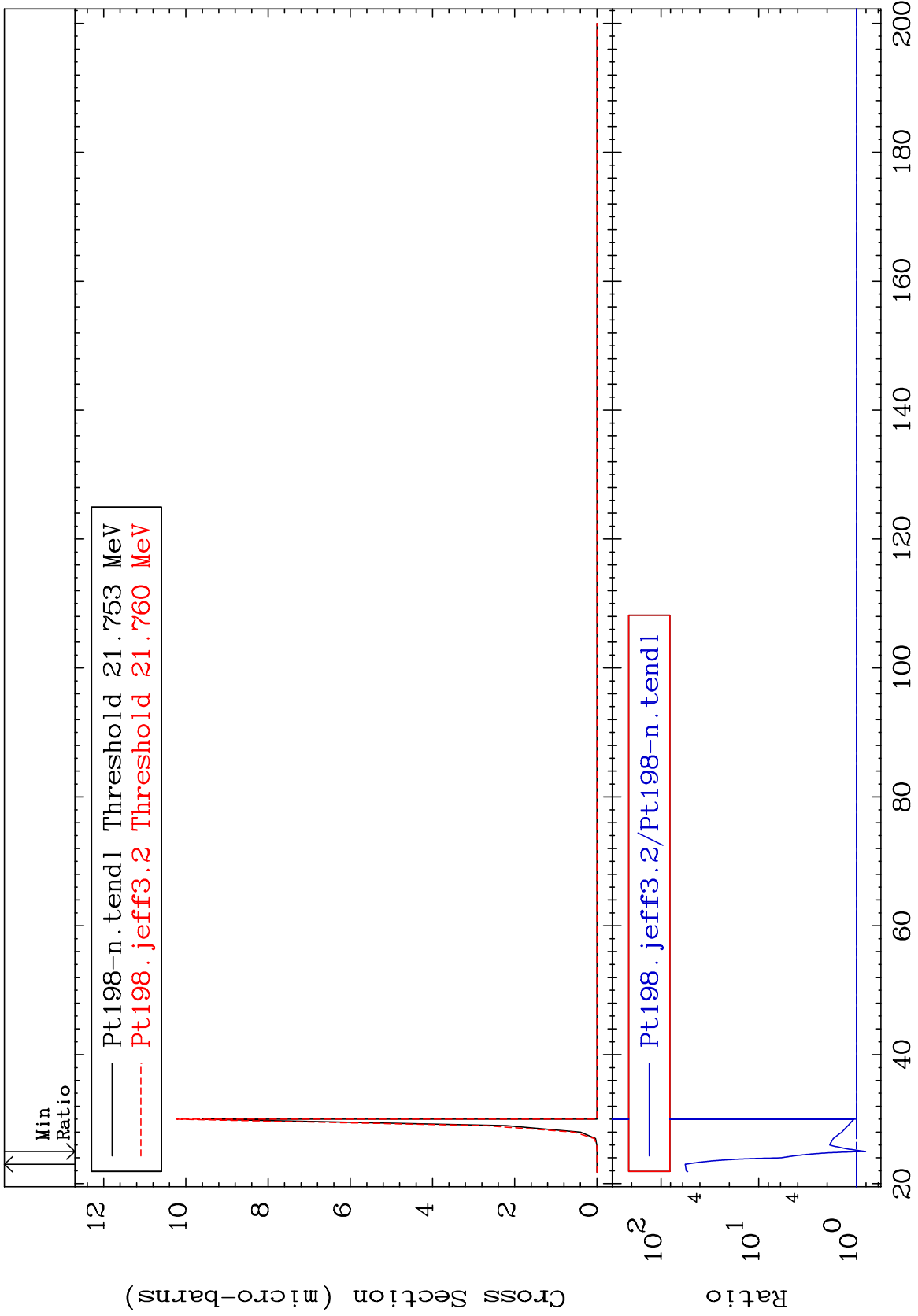
Radionuclide Production Cross Section -17.23 To 5.160 %



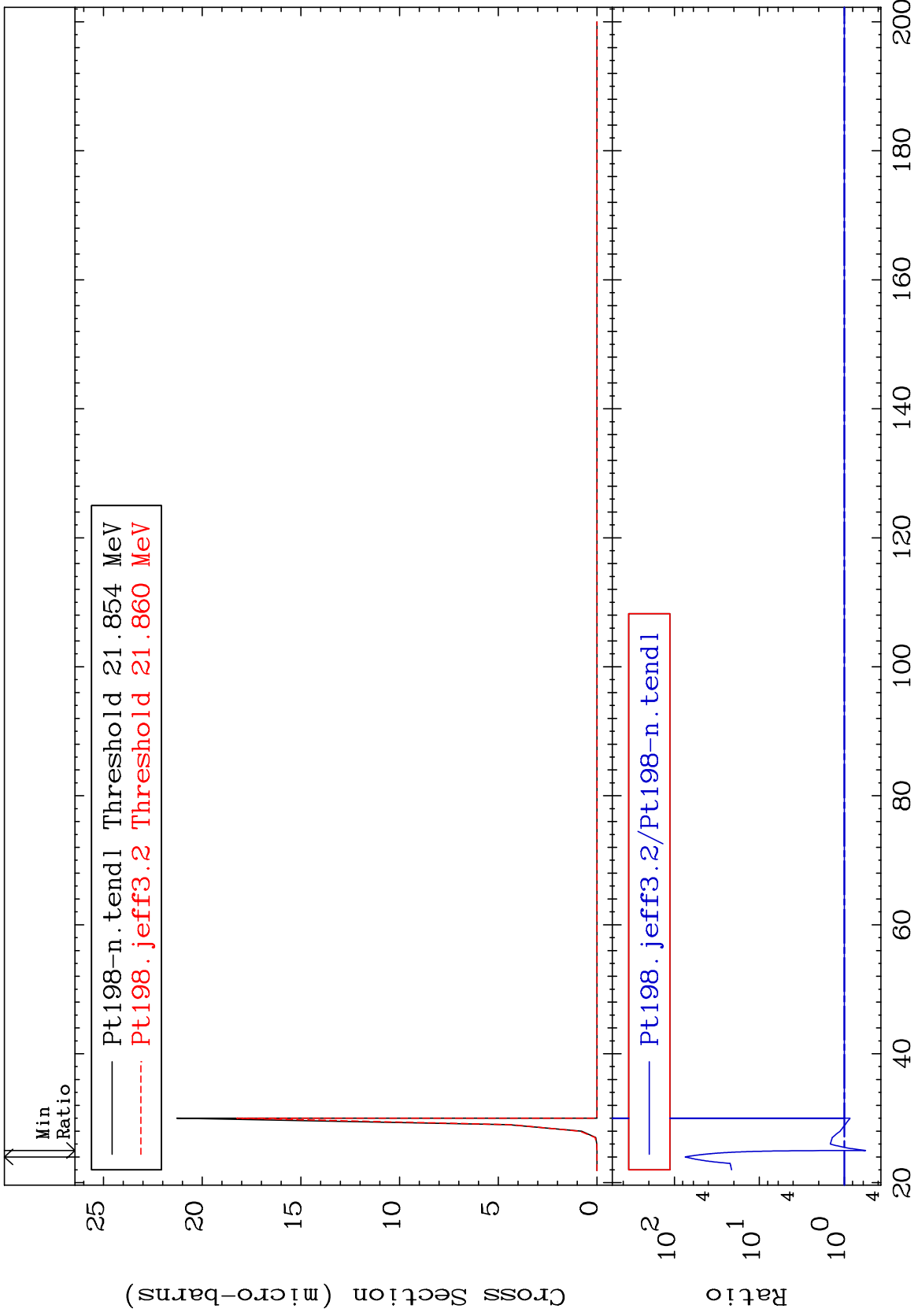


Radionuclide Production Cross Section 0.000 To 1320. %





Radionuclide Production Cross Section -43.80 To 7368. %



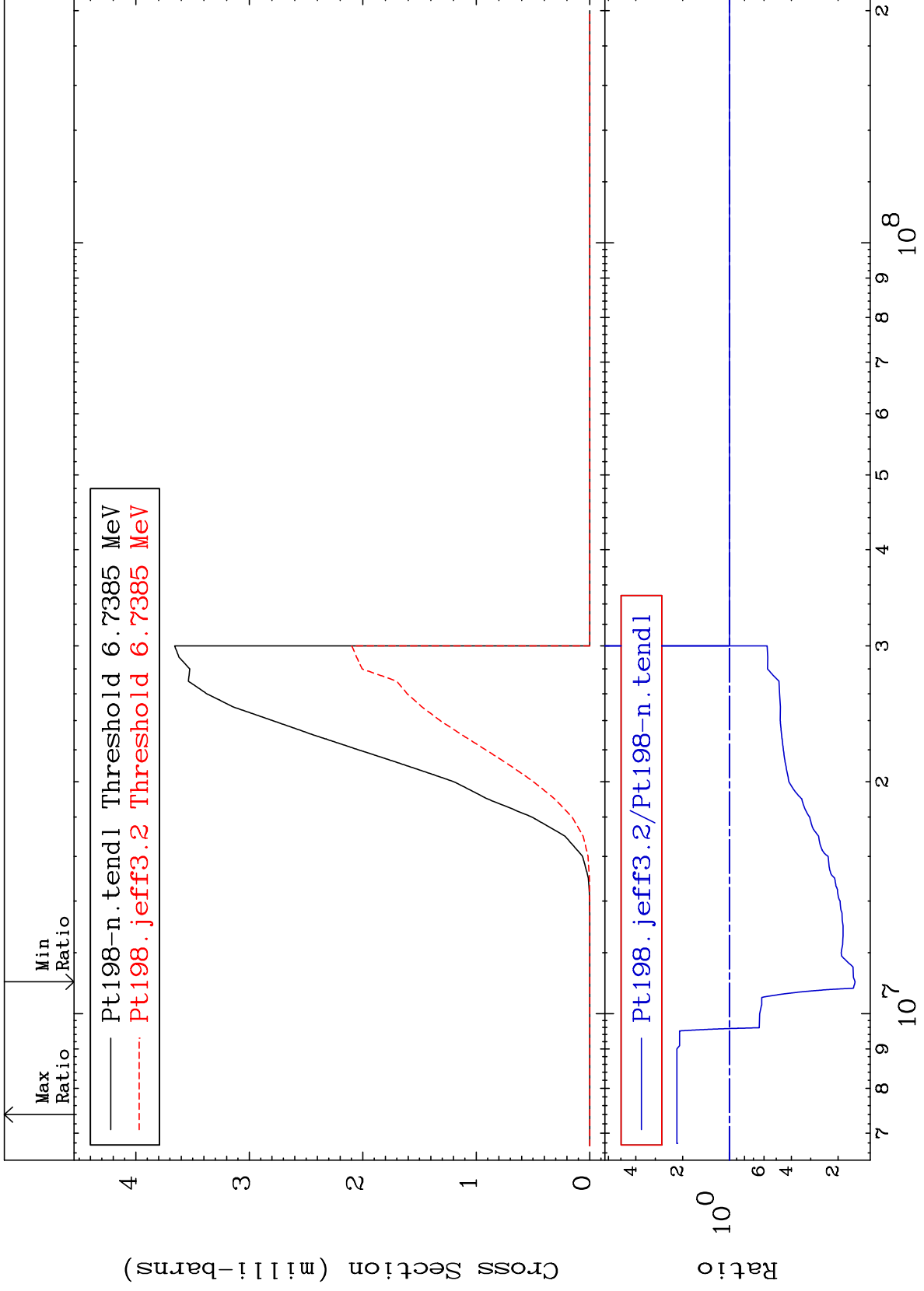
MAT 7849

(n,d):77-Ir-197g

78-Pt-198

Radionuclide Production Cross Section

-84.45 To 117.7 %



90

78-Pt-198

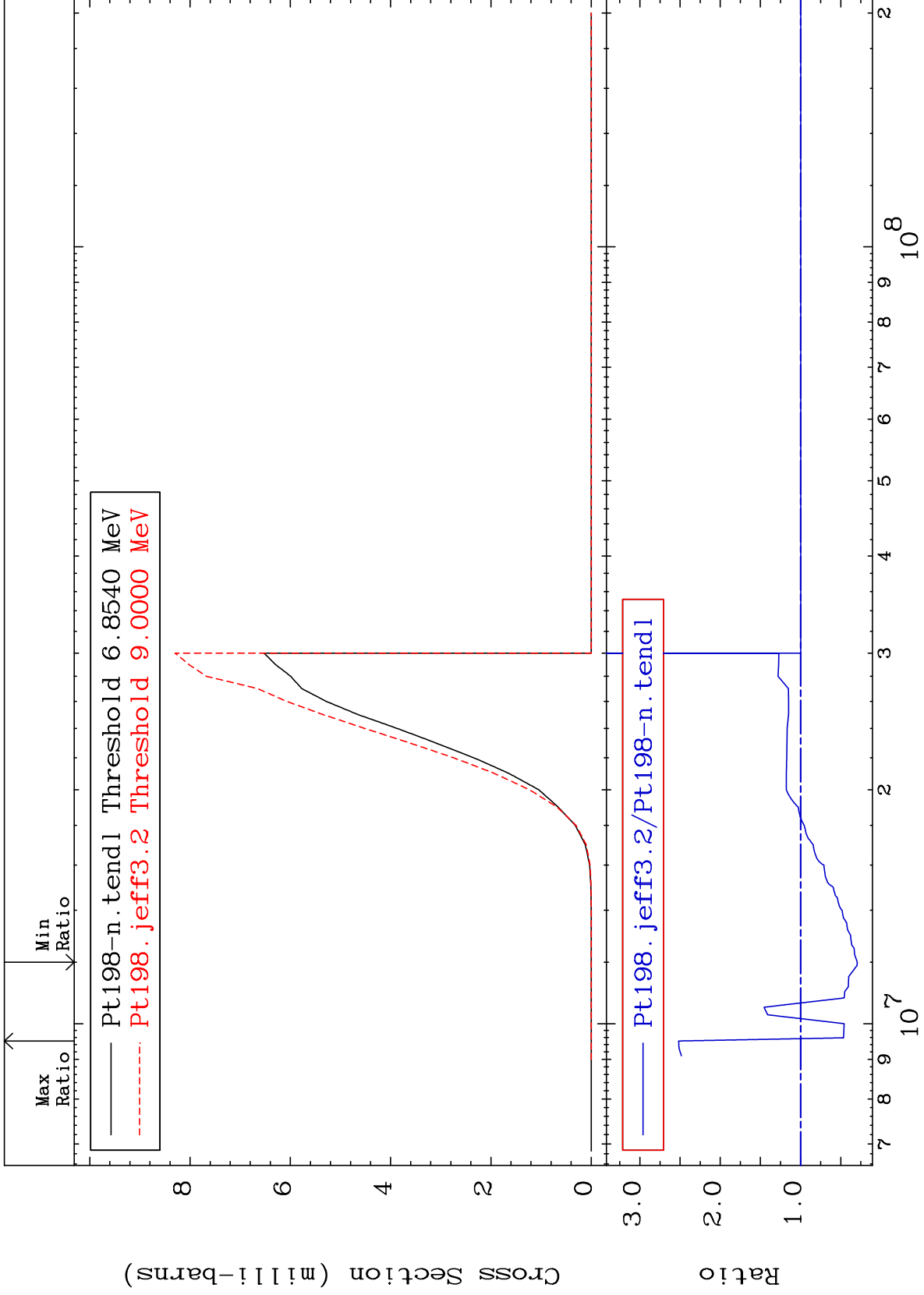
78-Pt-198

MAT 7849

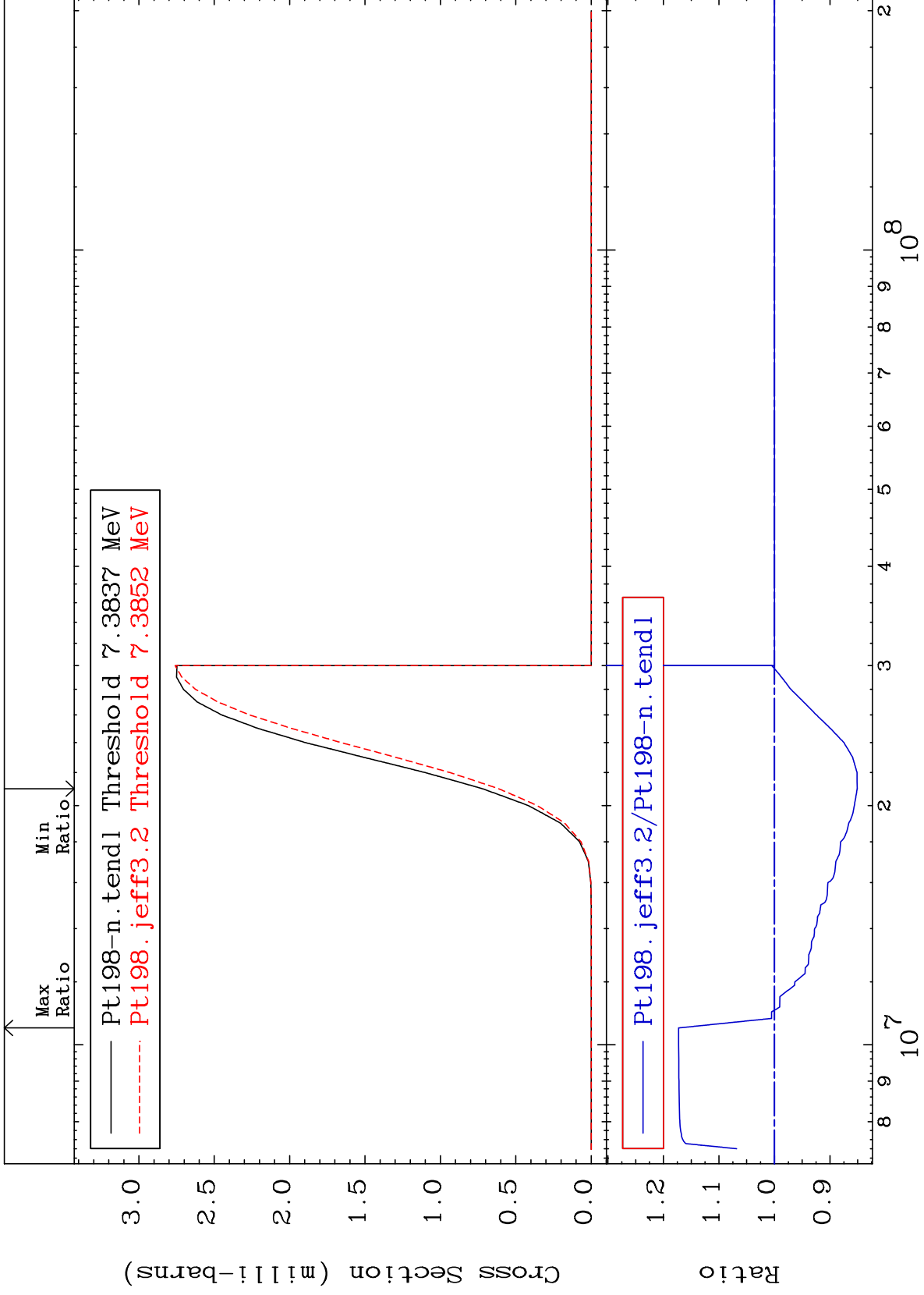
(n, d) : 77-Ir-197m2

78-Pt-198

Radionuclide Production Cross Section -70.55 To 151.8 %



Radionuclide Production Cross Section -14.91 To 17.26 %

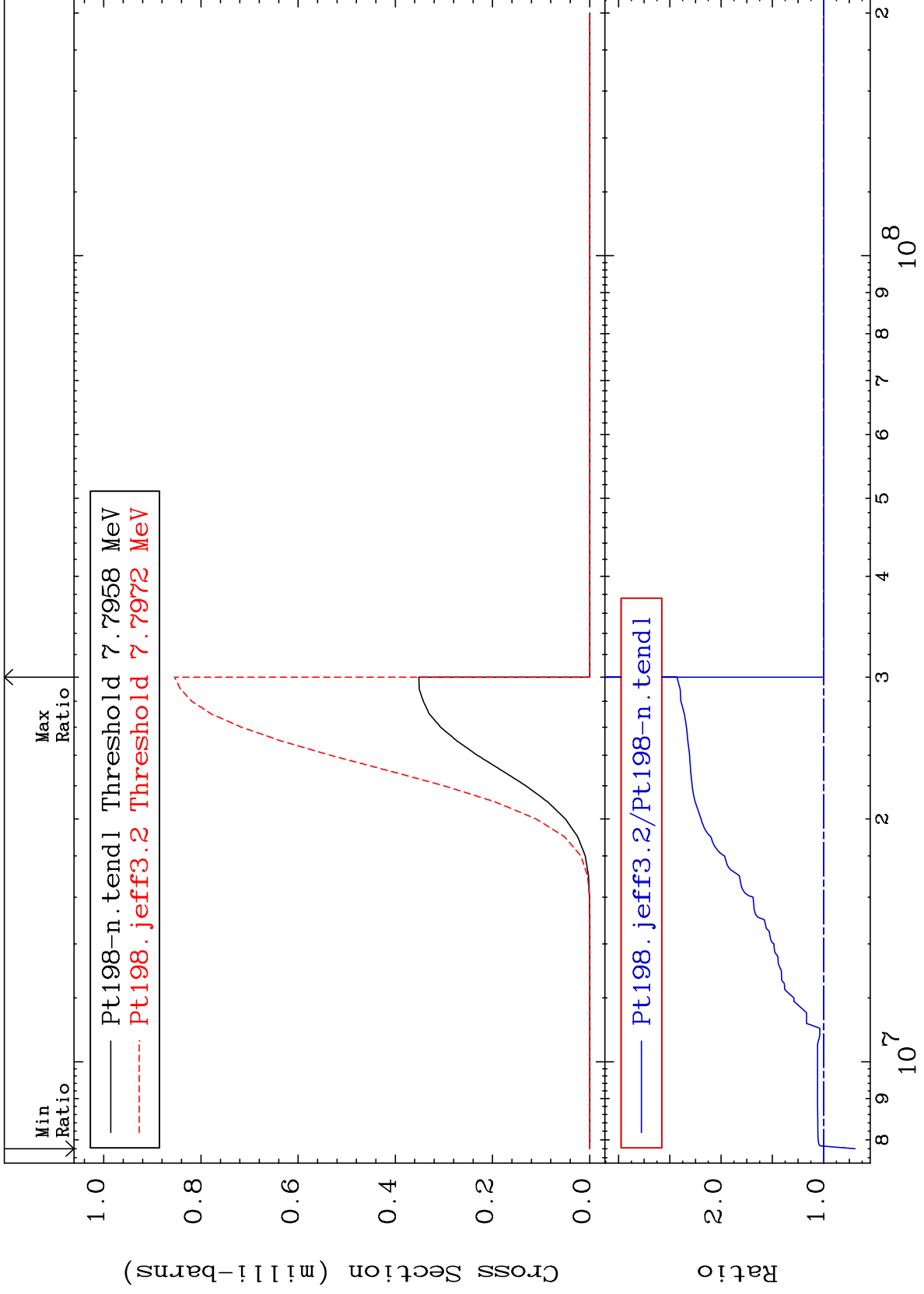


MAT 7849

(n, t) : 77-Ir-196m4

78-Pt-198

Radionuclide Production Cross Section -30.63 To 143.1 %



93

Incident Energy (eV)

78-Pt-198