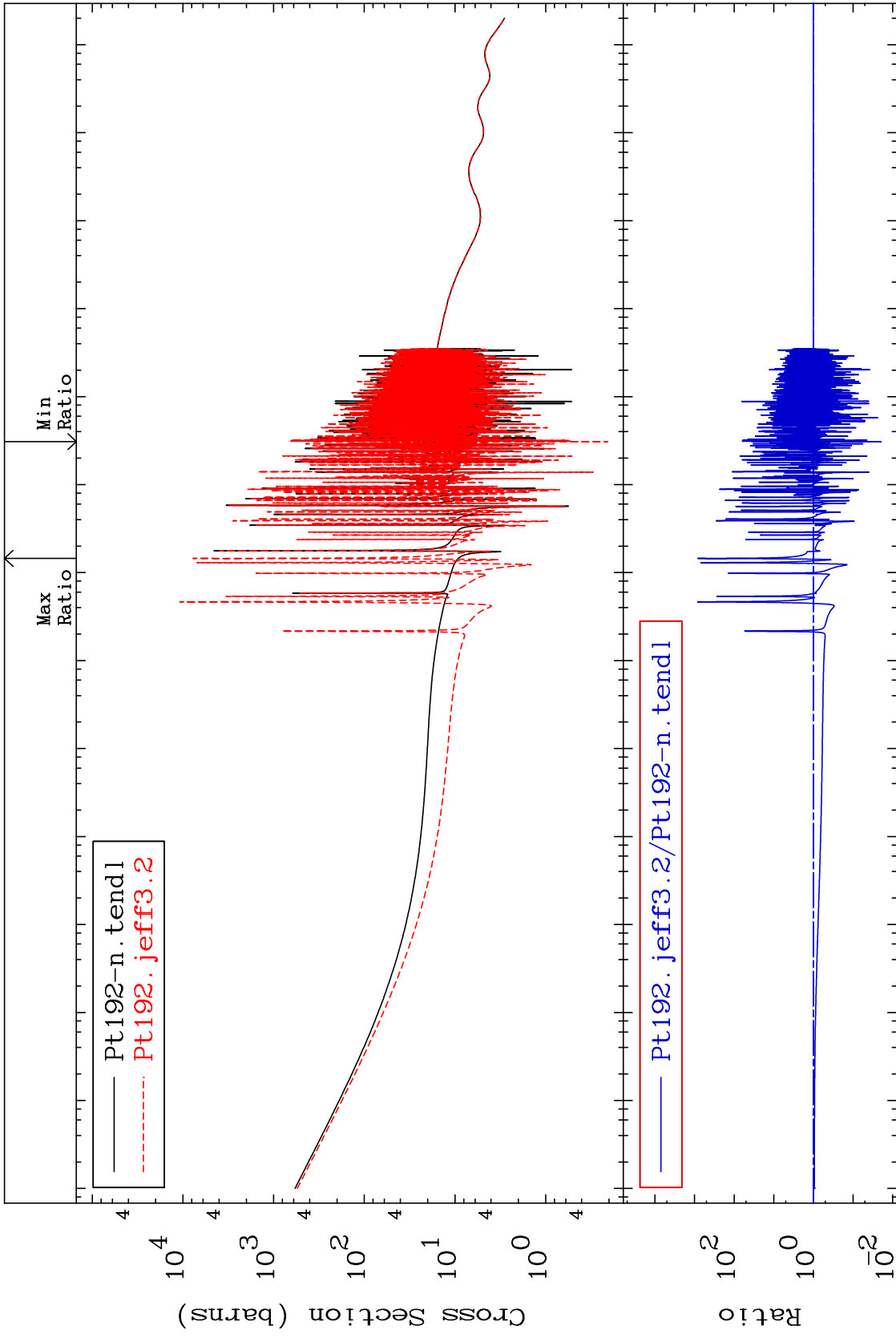


MAT 7831

Total
Cross Section

78-Pt-192
-98.04 To 9999. %



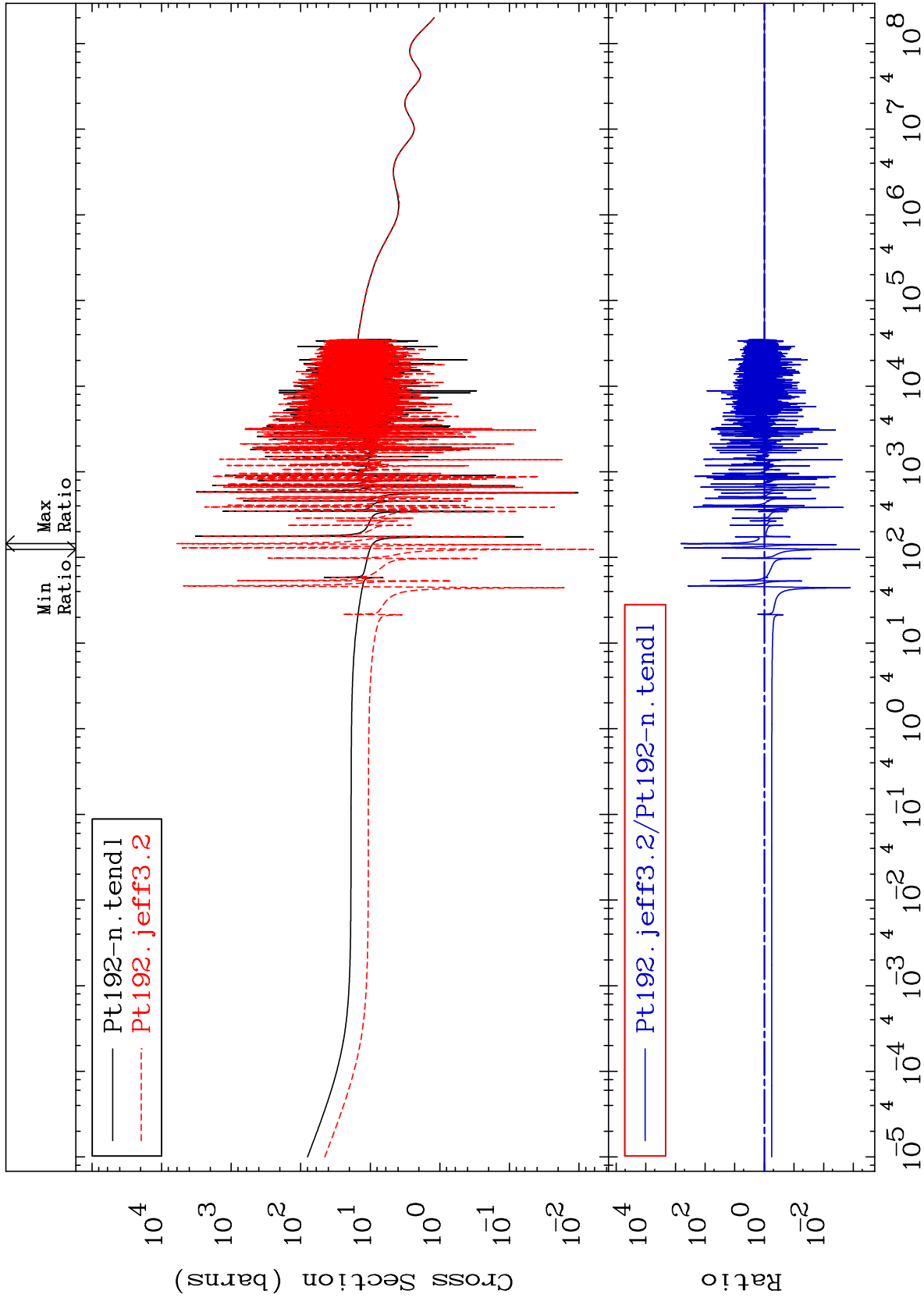
Incident Energy (eV)

78-Pt-192

MAT 7831

Elastic
Cross Section

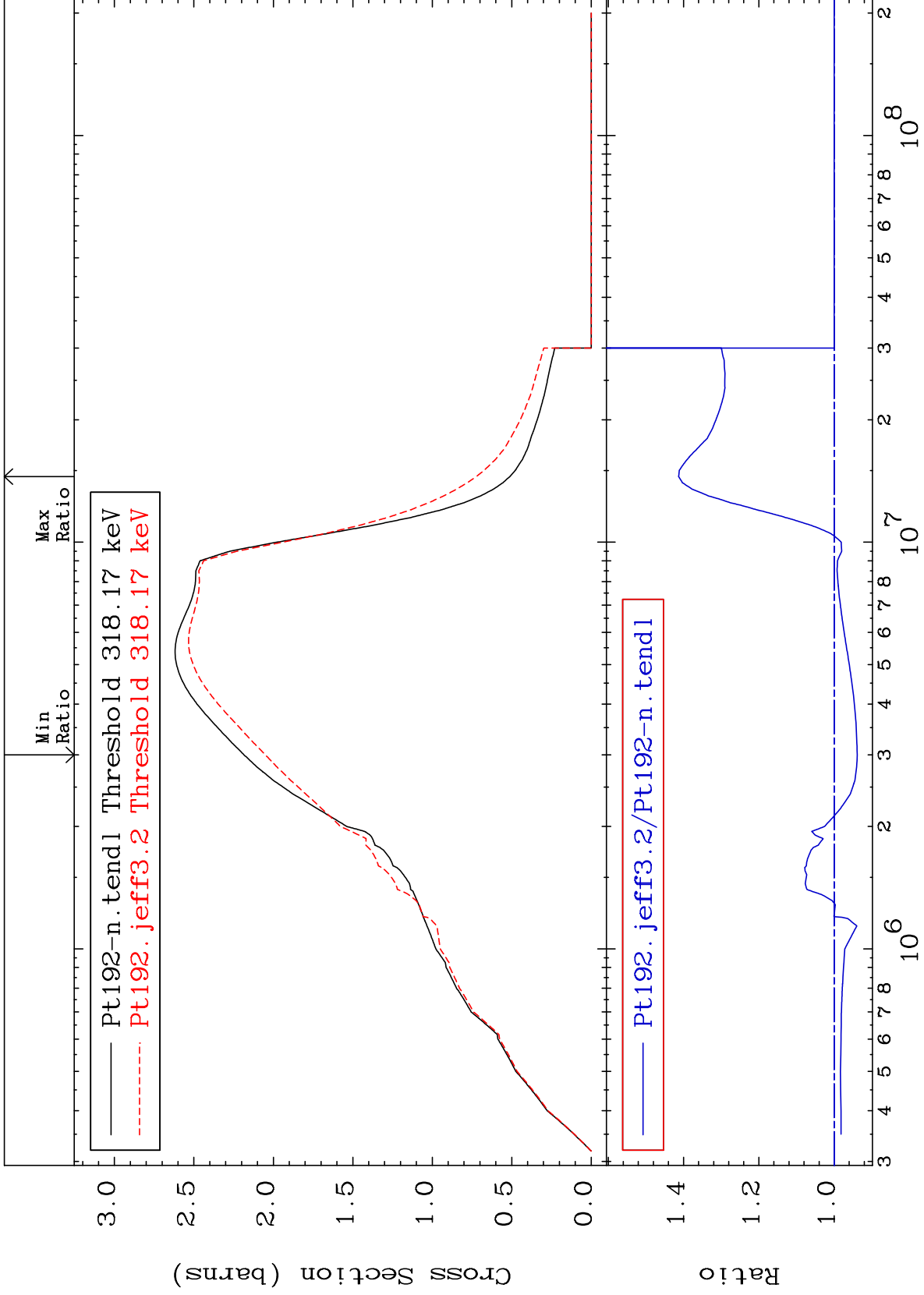
78-Pt-192
-99.94 To 9999. %



MAT 7831

Inelastic
Cross Section

78-Pt-192
-6.130 To 41.30 %



3

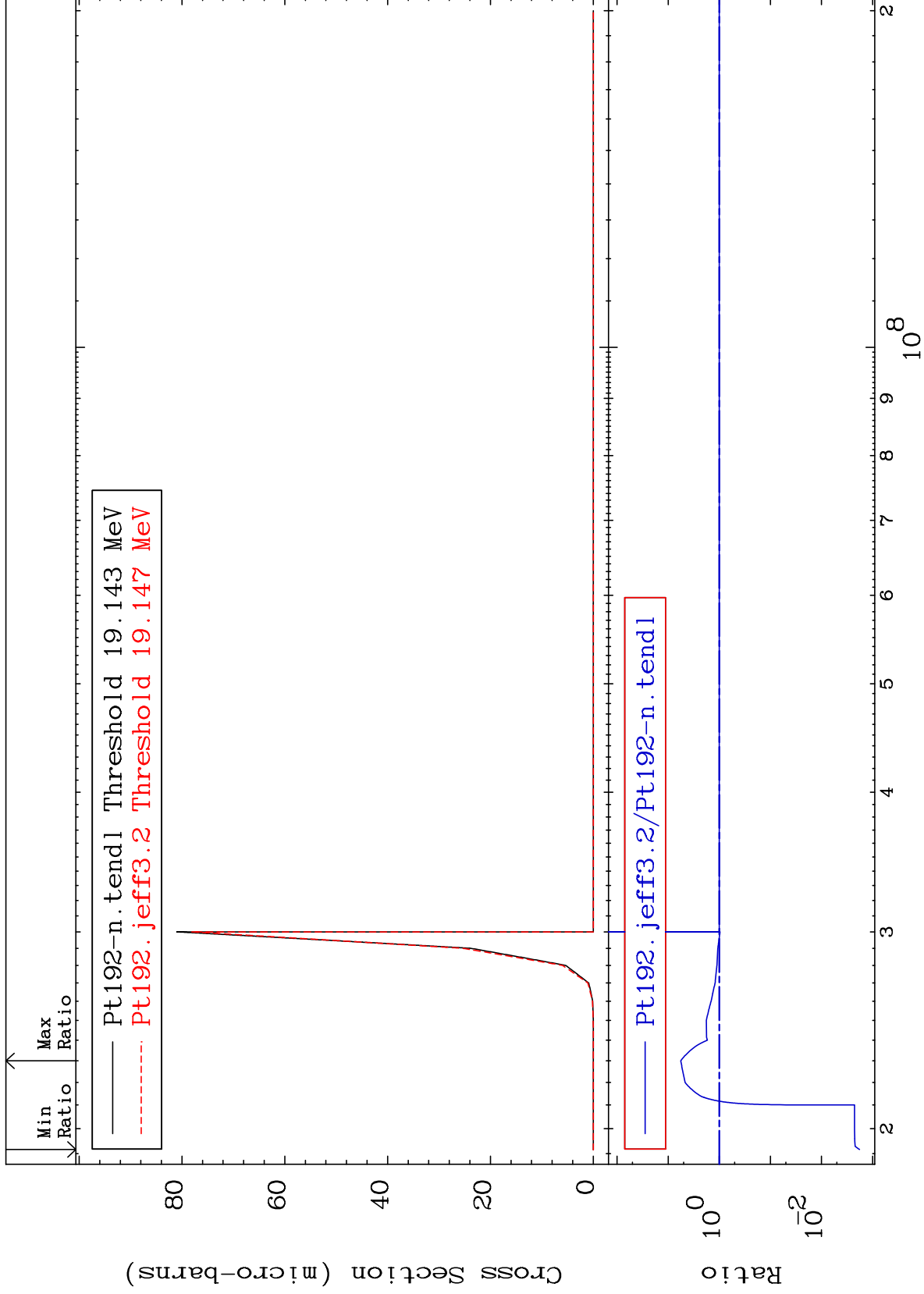
Incident Energy (eV)

78-Pt-192

MAT 7831

(n,2n) d
Cross Section

78-Pt-192
-99.82 To 466.7 %



4

Incident Energy (eV)

78-Pt-192

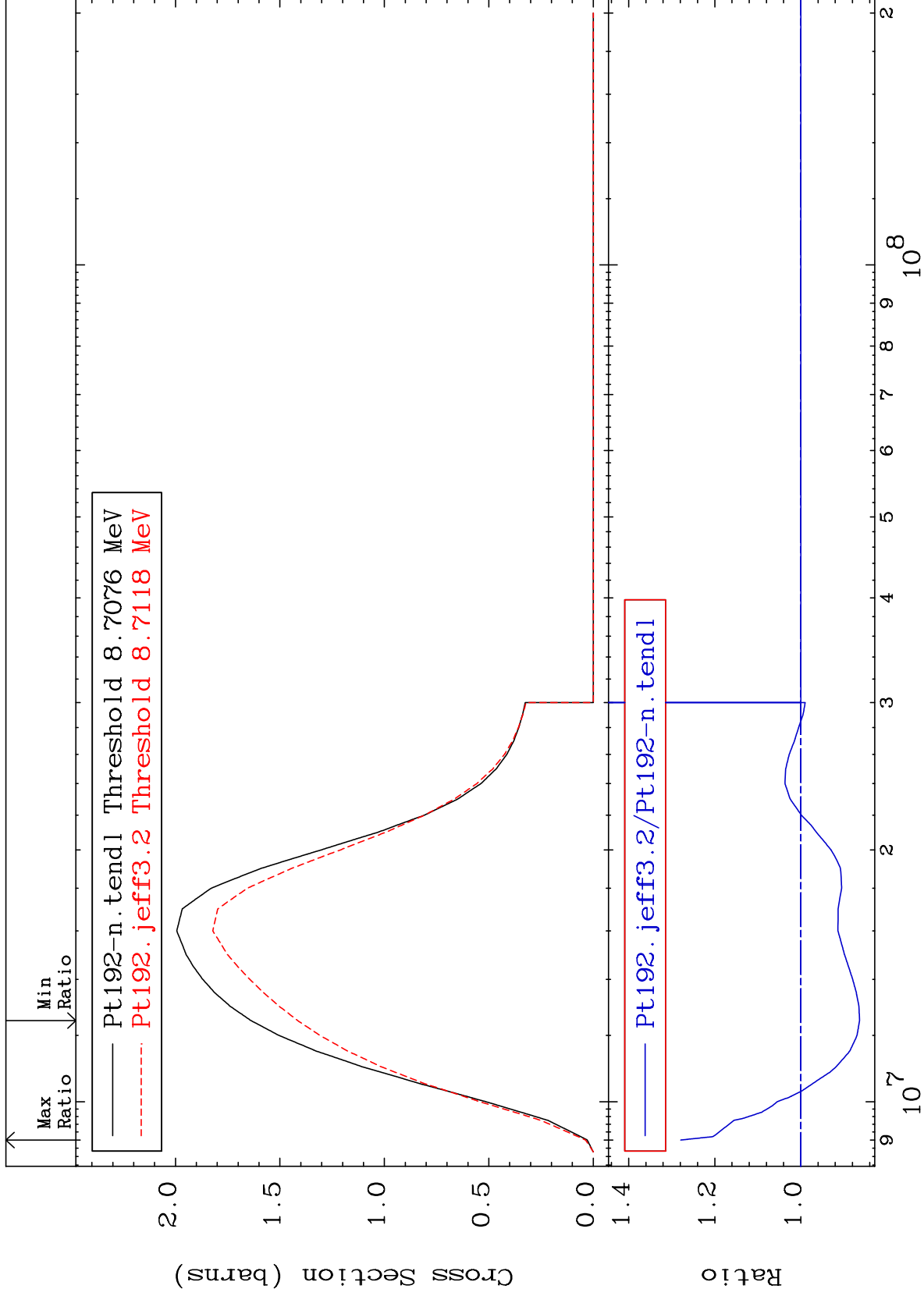
MAT 7831

(n,2n)

78-Pt-192

Cross Section

-13.65 To 27.90 %



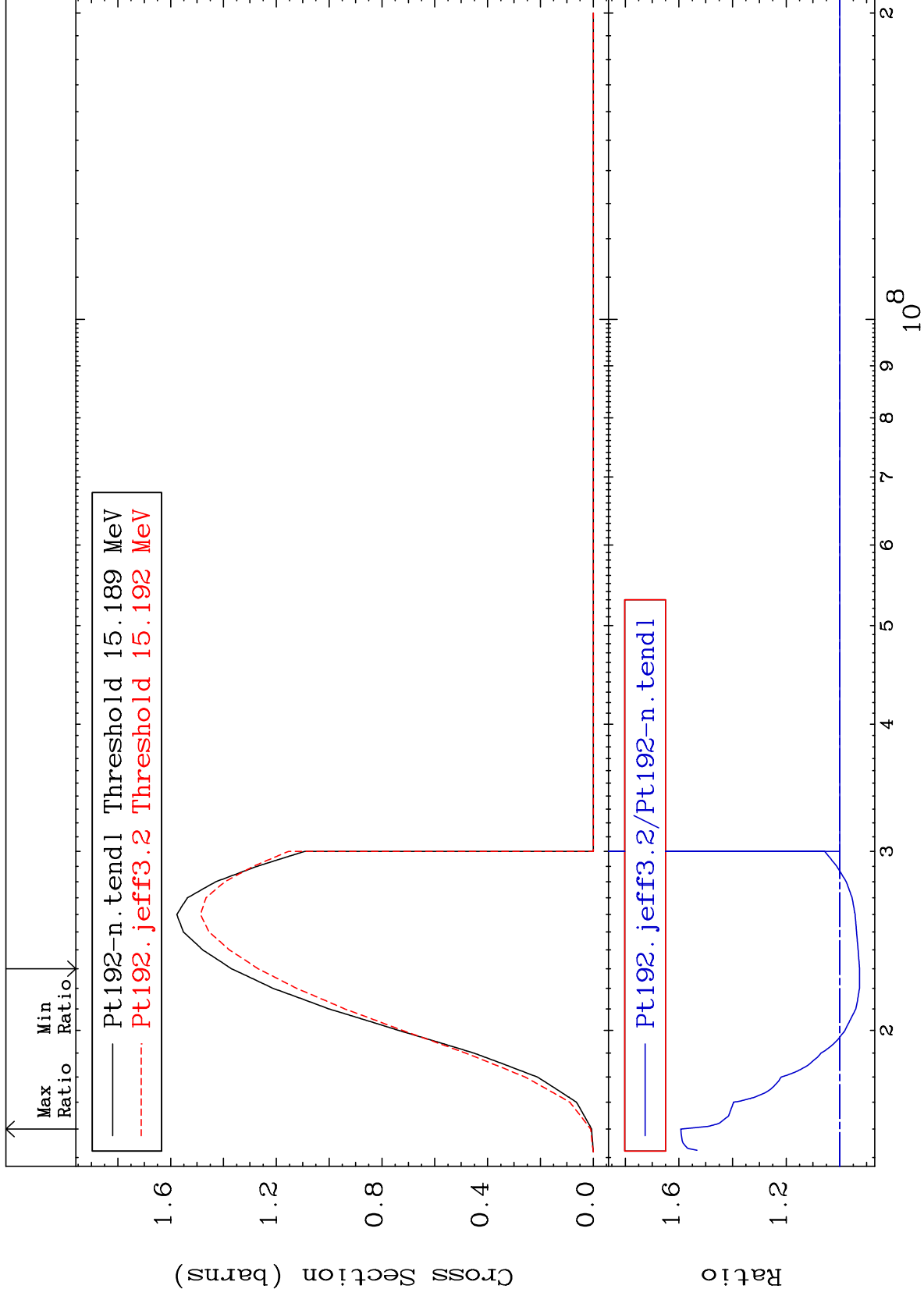
78-Pt-192

5

MAT 7831

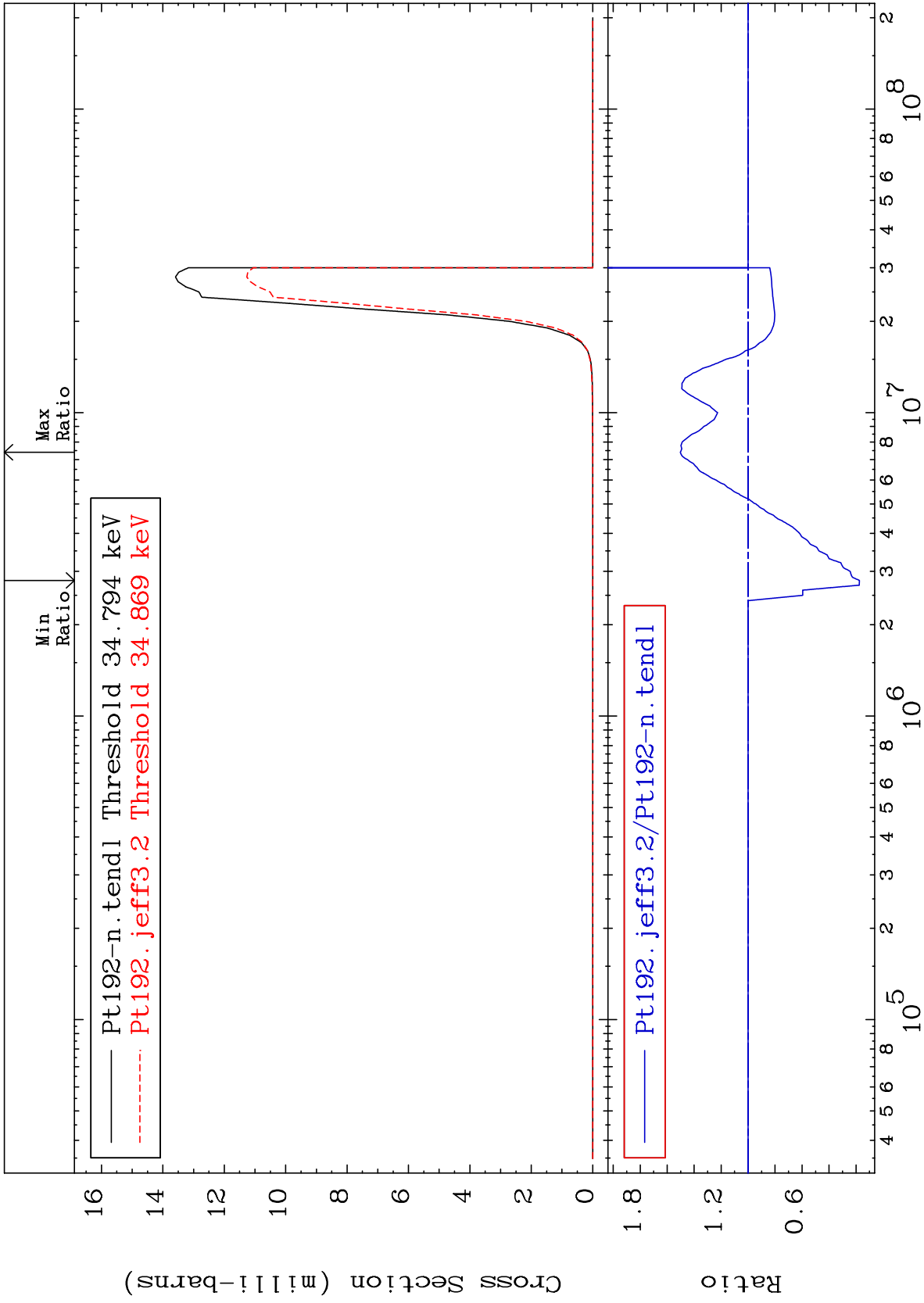
(n,3n)
Cross Section

78-Pt-192
-7.360 To 59.32 %



MAT 7831

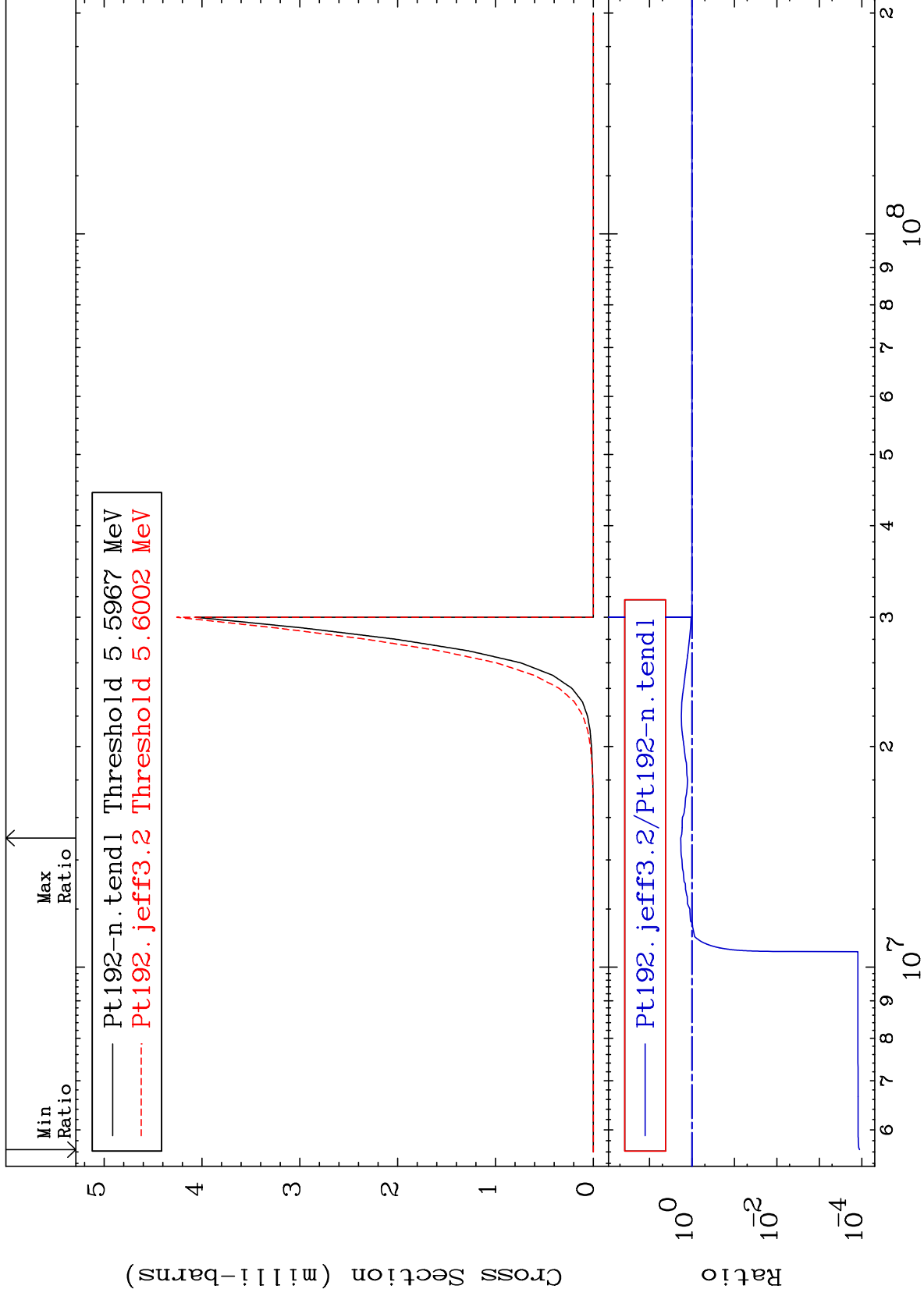
$(n, n') \alpha$
Cross Section
78-Pt-192
-82.55 To 50.23 %



MAT 7831

(n,2n) α
Cross Section

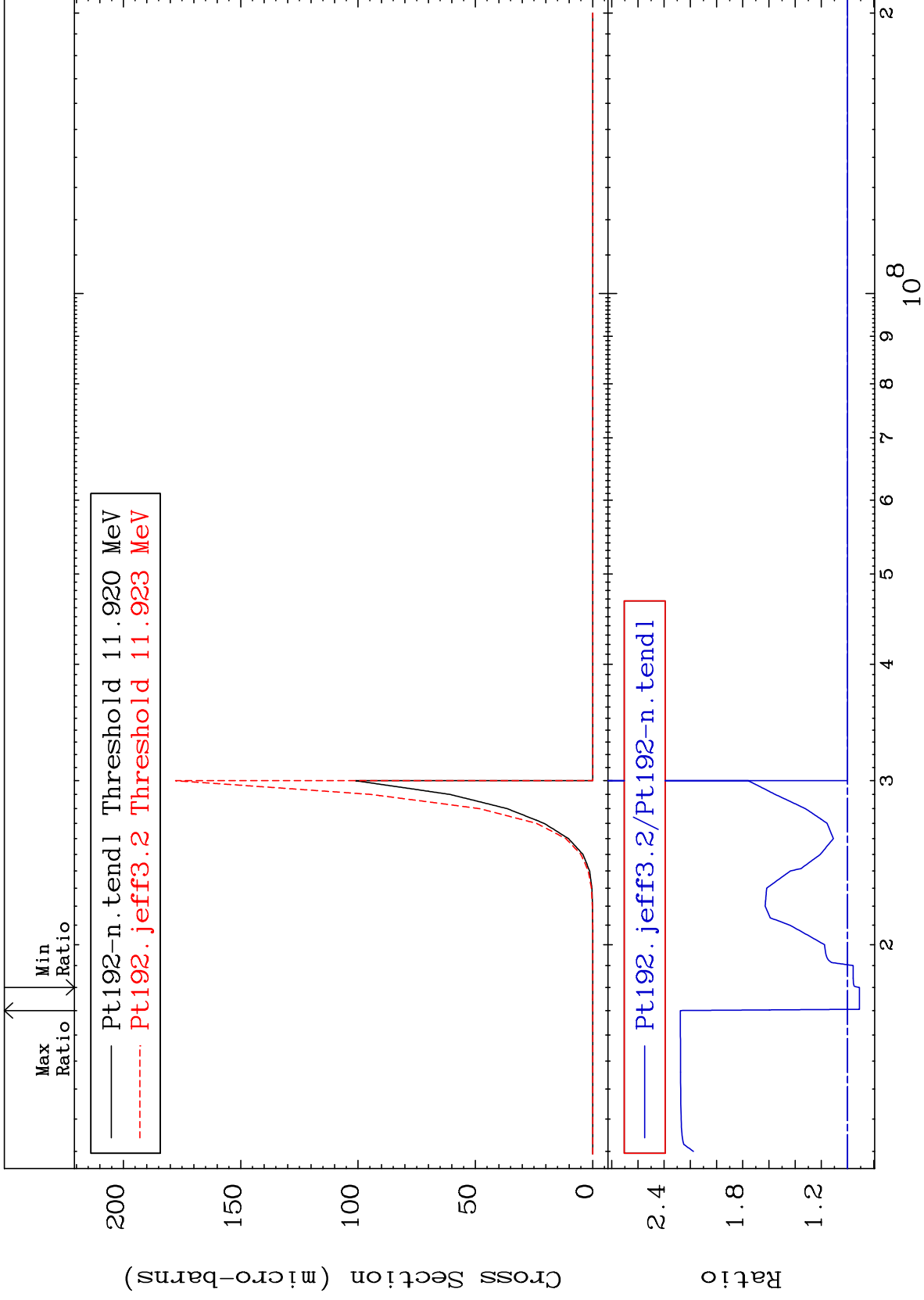
78-Pt-192
-99.99 To 84.21 %



MAT 7831

(n,3n) α
Cross Section

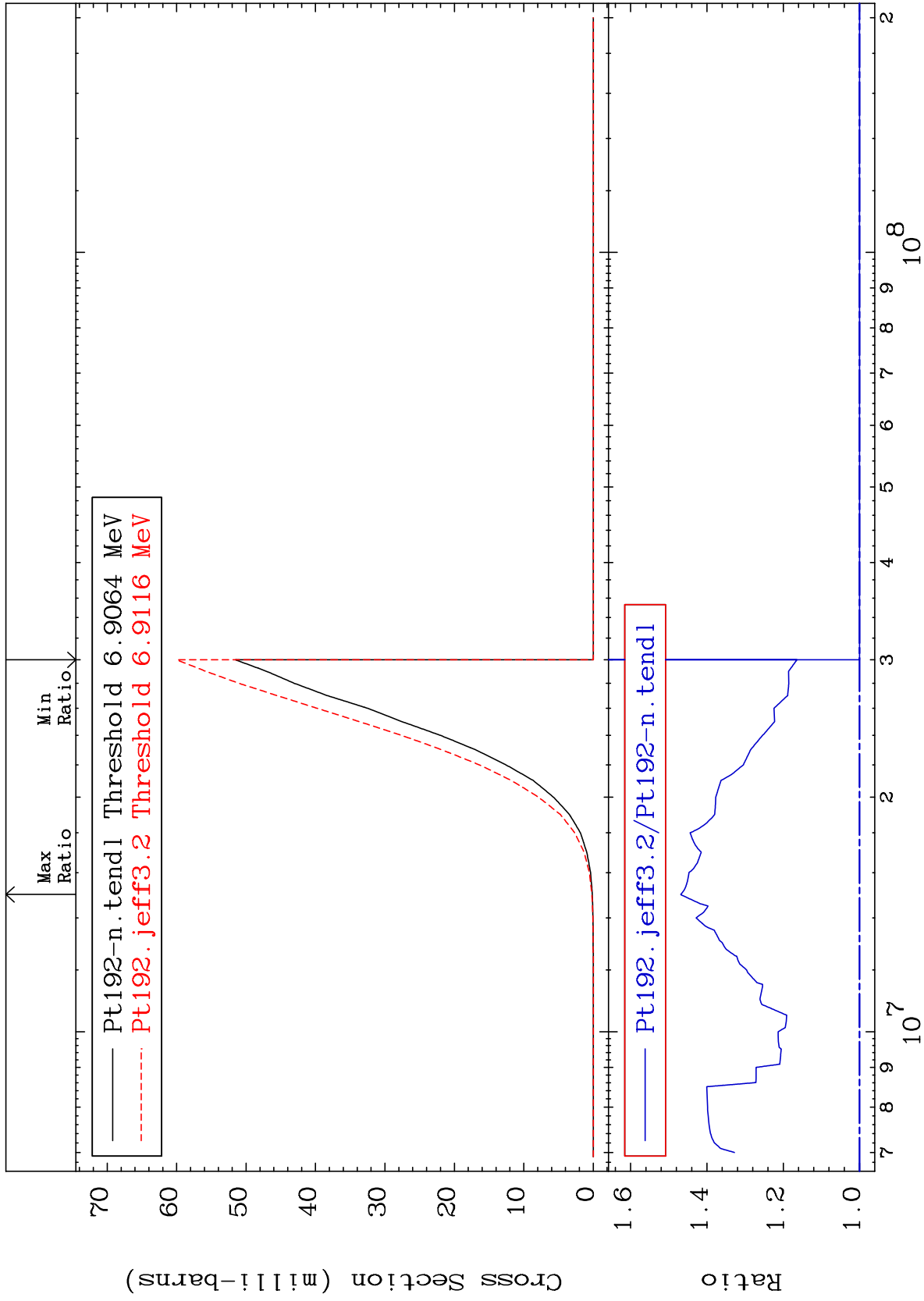
78-Pt-192
-9.058 To 127.6 %



MAT 7831

(n, n') p
Cross Section

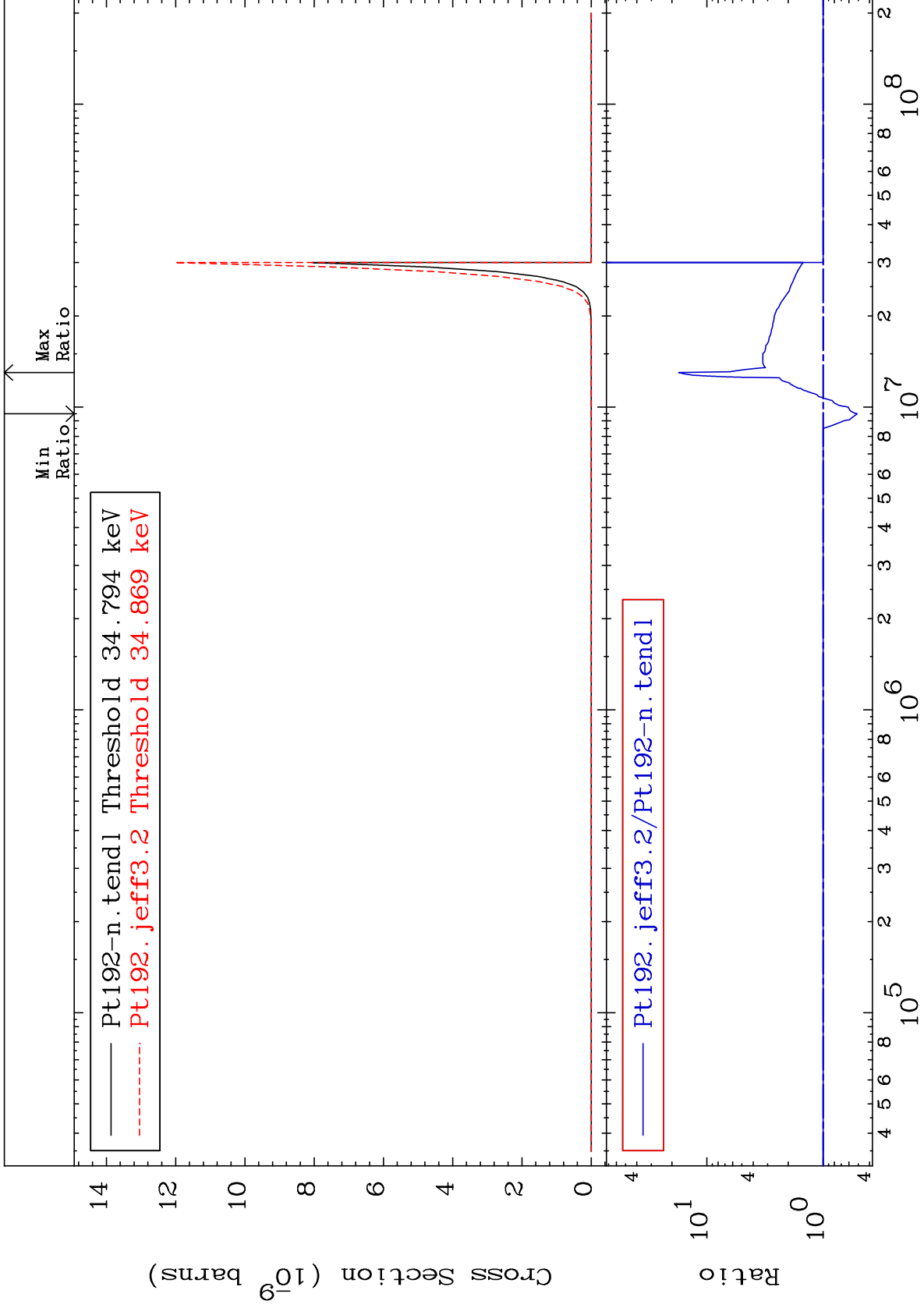
78-Pt-192
0.000 To 46.86 %



MAT 7831

(n, n') 2α
Cross Section

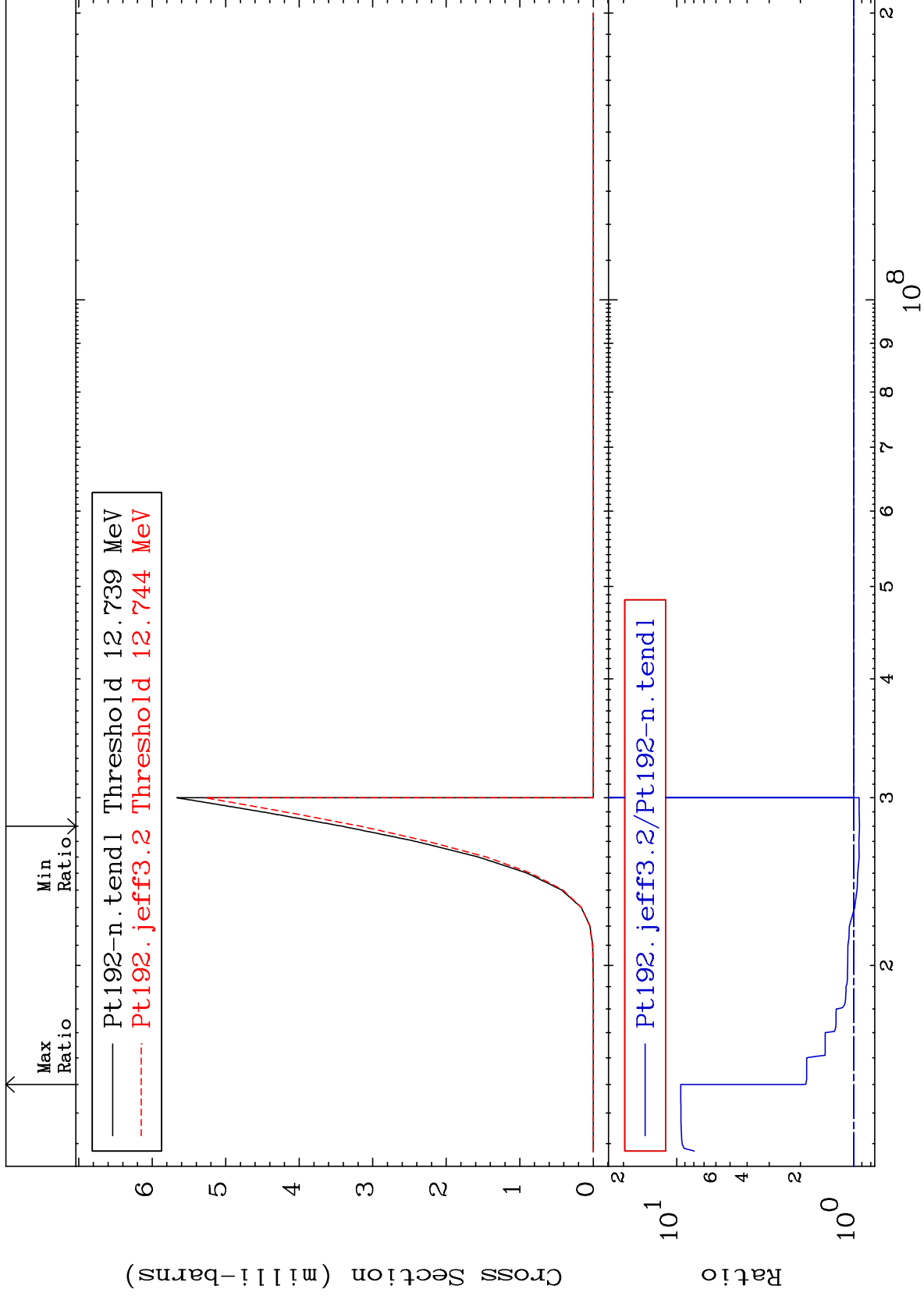
78-Pt-192
-49.04 To 1649. %



MAT 7831

(n,n') d
Cross Section

78-Pt-192
-7.386 To 848.6 %



12

Incident Energy (eV)

78-Pt-192

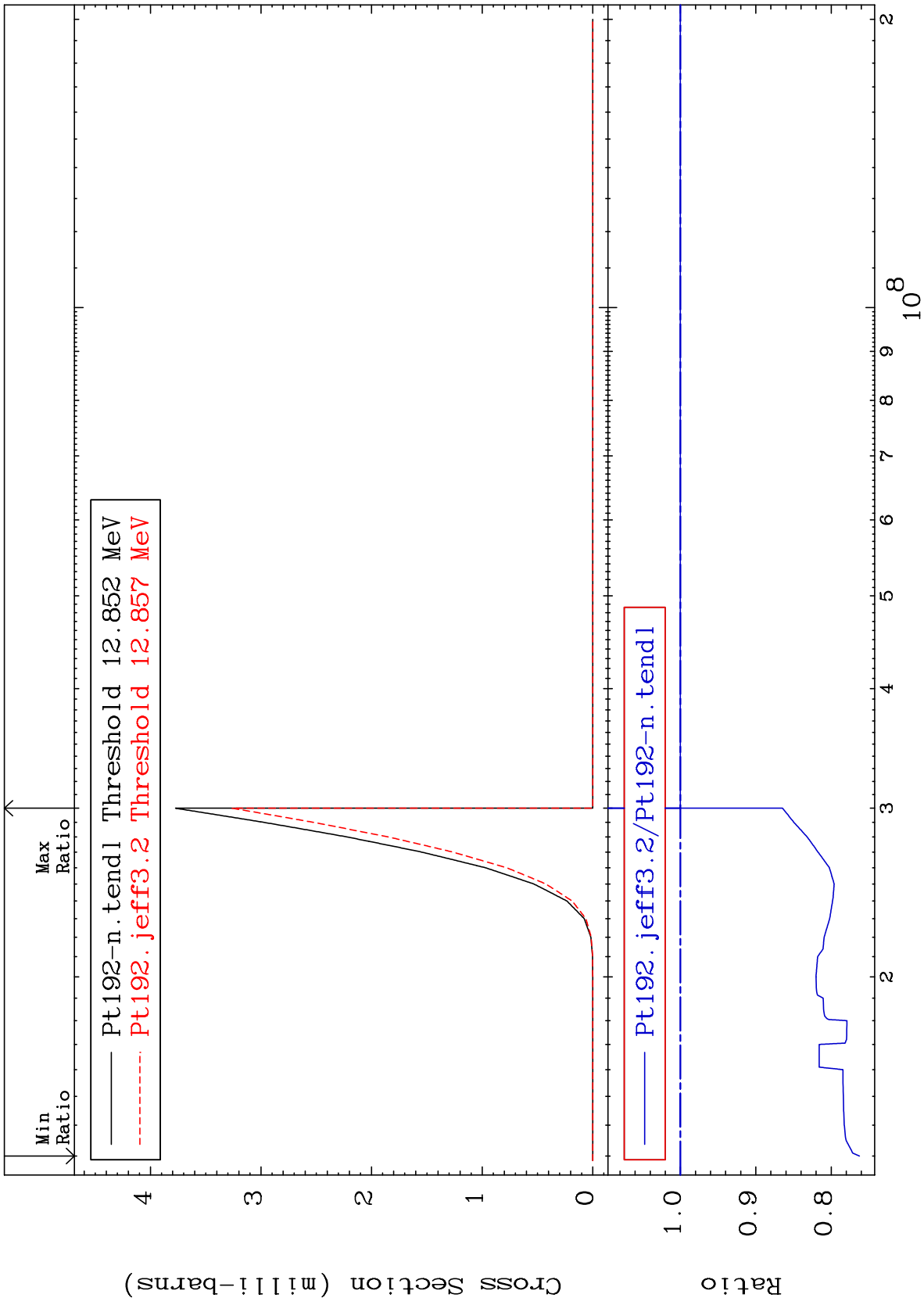
MAT 7831

(n, n') t

78-Pt-192

Cross Section

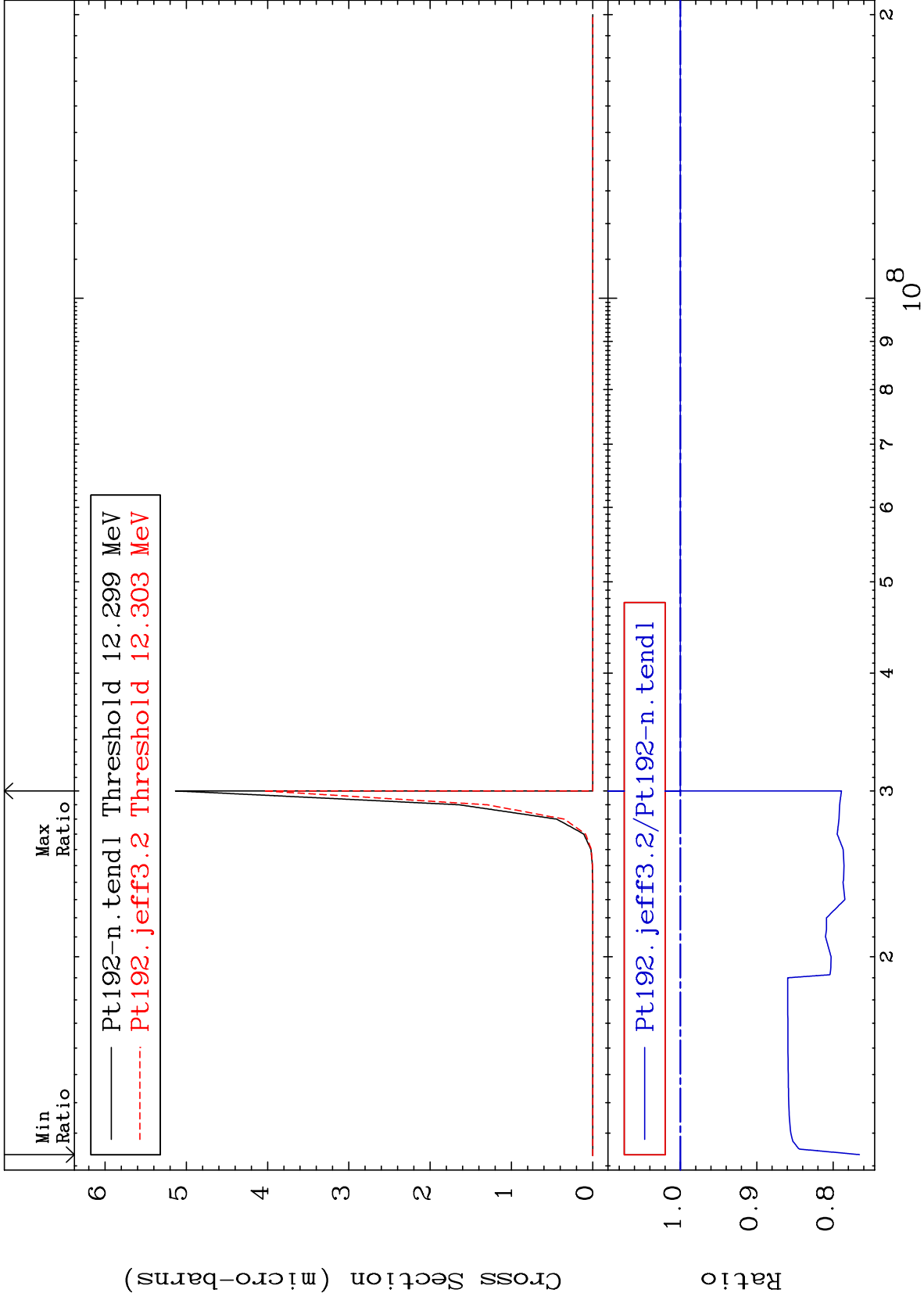
-23.74 To 0.000 %



MAT 7831

(n, n') He-3
Cross Section

78-Pt-192
-23.44 To 0.000 %



14

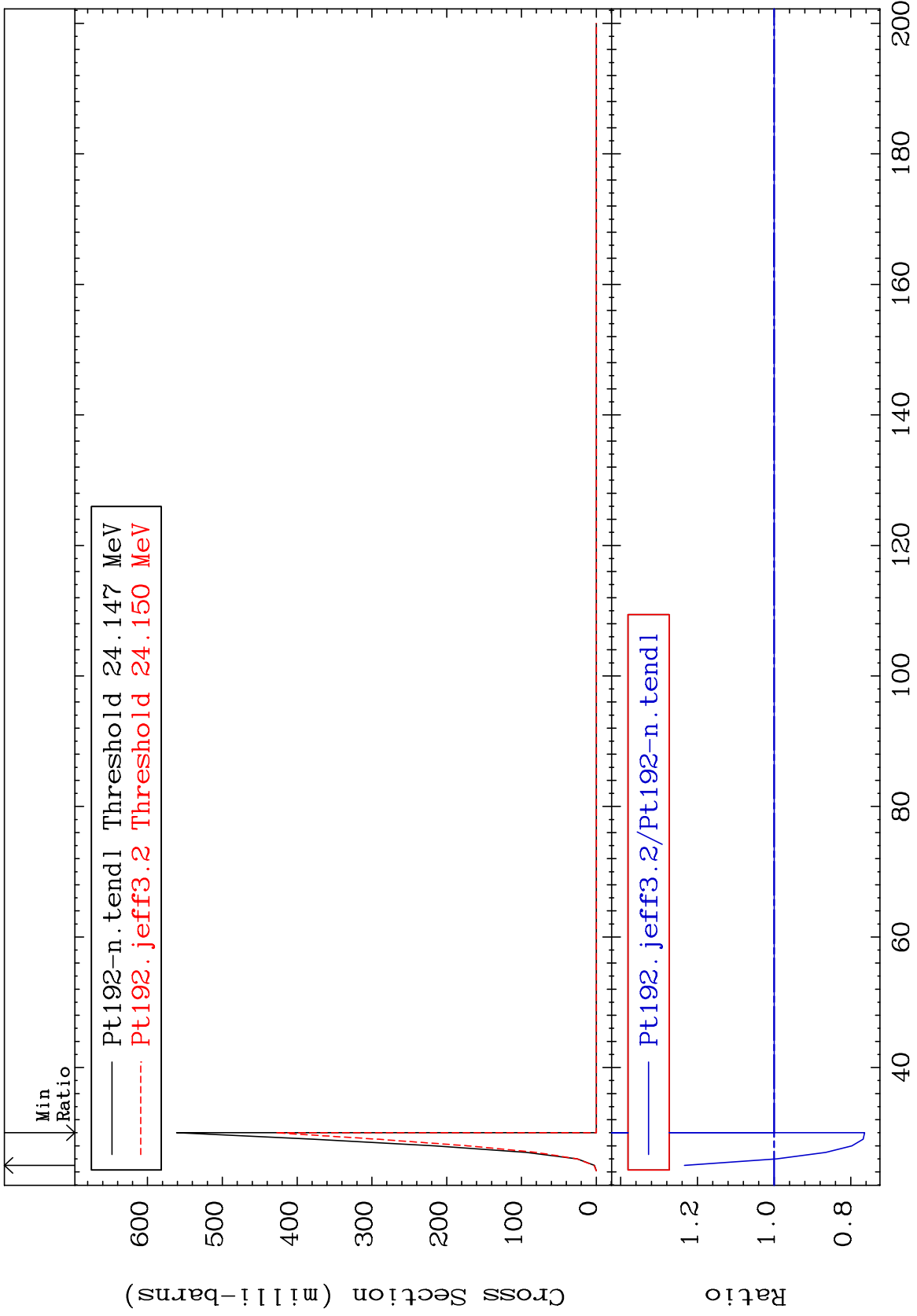
Incident Energy (eV)

78-Pt-192

MAT 7831

(n,4n)
Cross Section

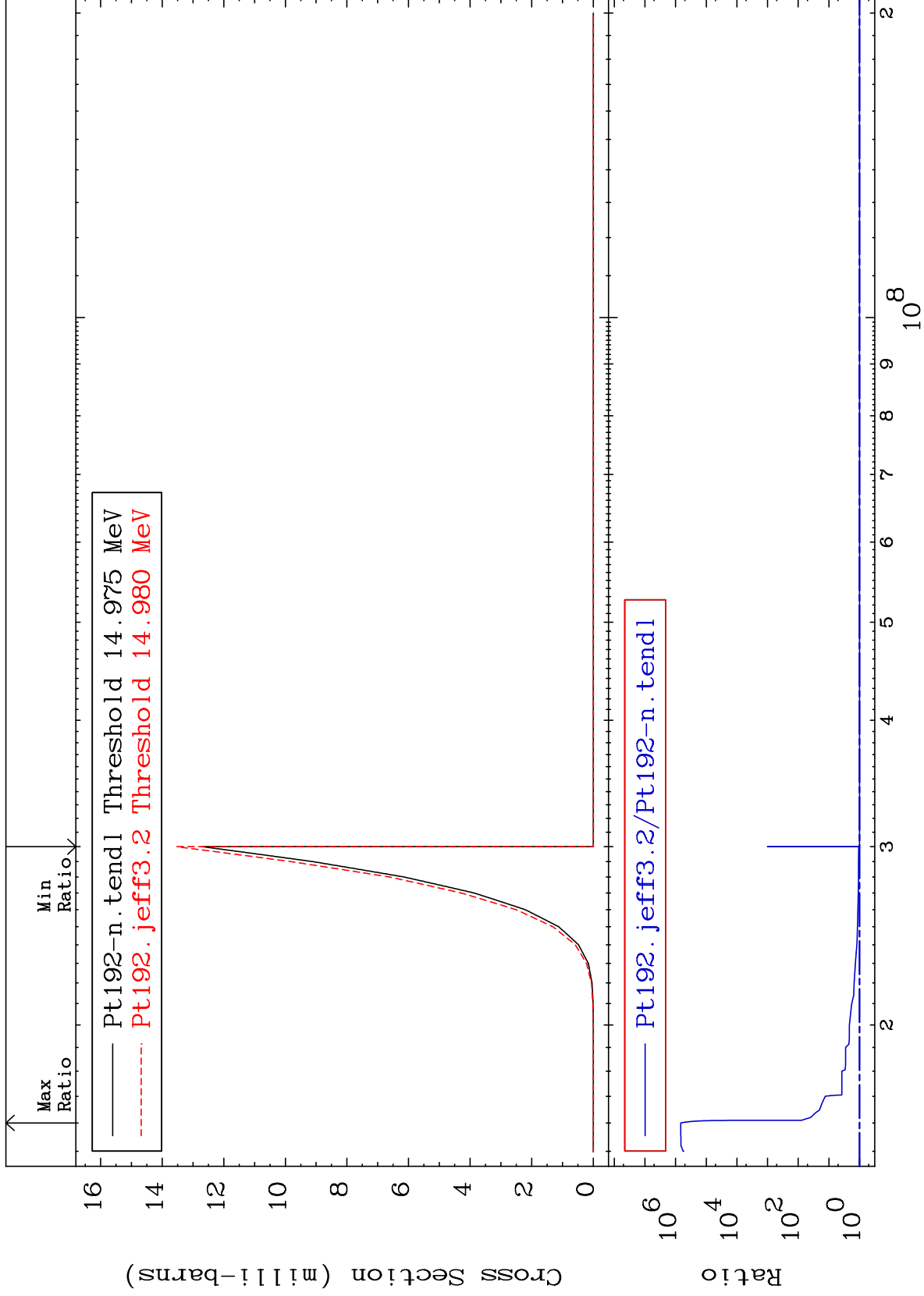
78-Pt-192
-23.60 To 23.38 %



MAT 7831

(n,2n) p
Cross Section

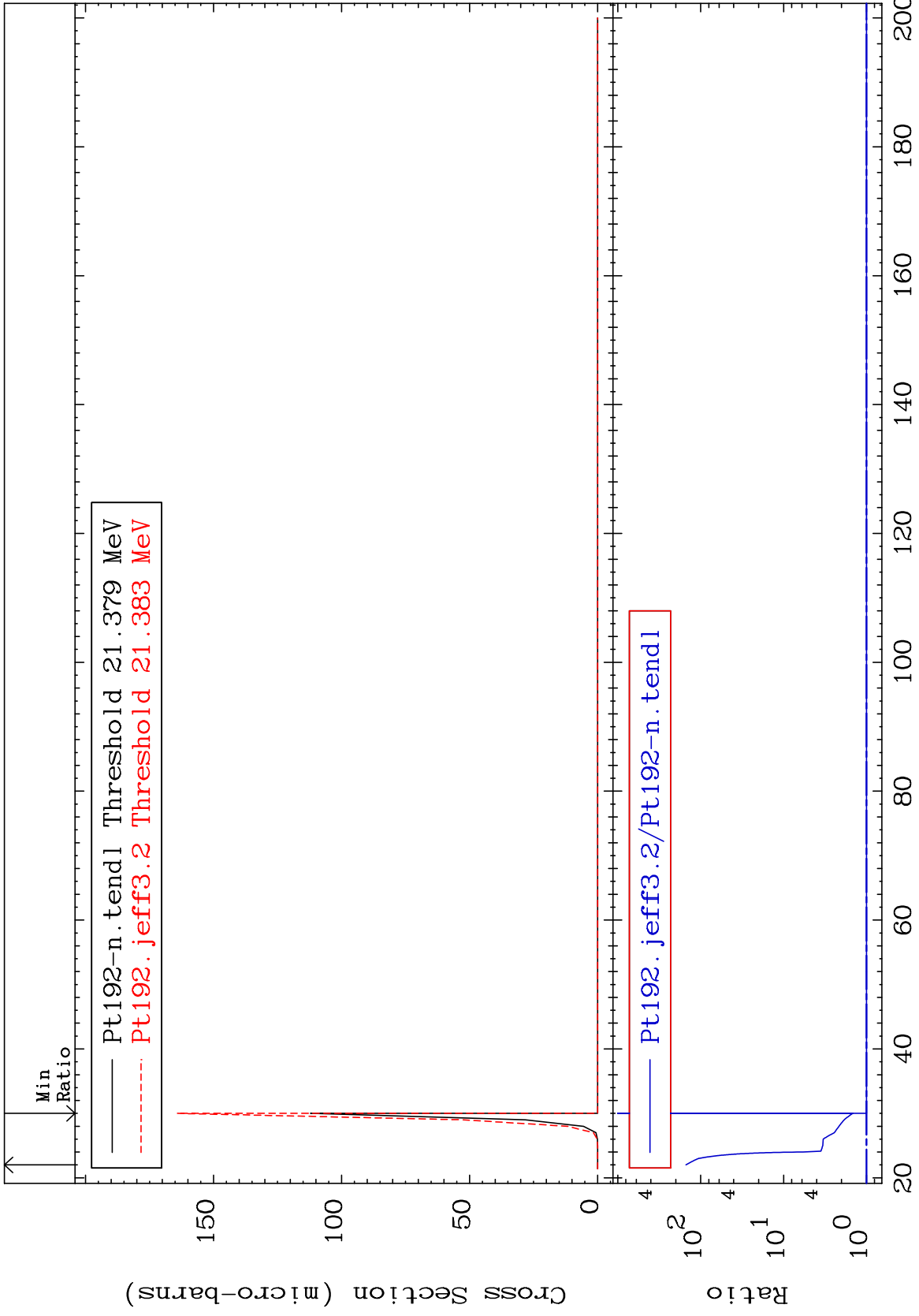
78-Pt-192
0.000 To 9999. %



MAT 7831

(n,3n) p
Cross Section

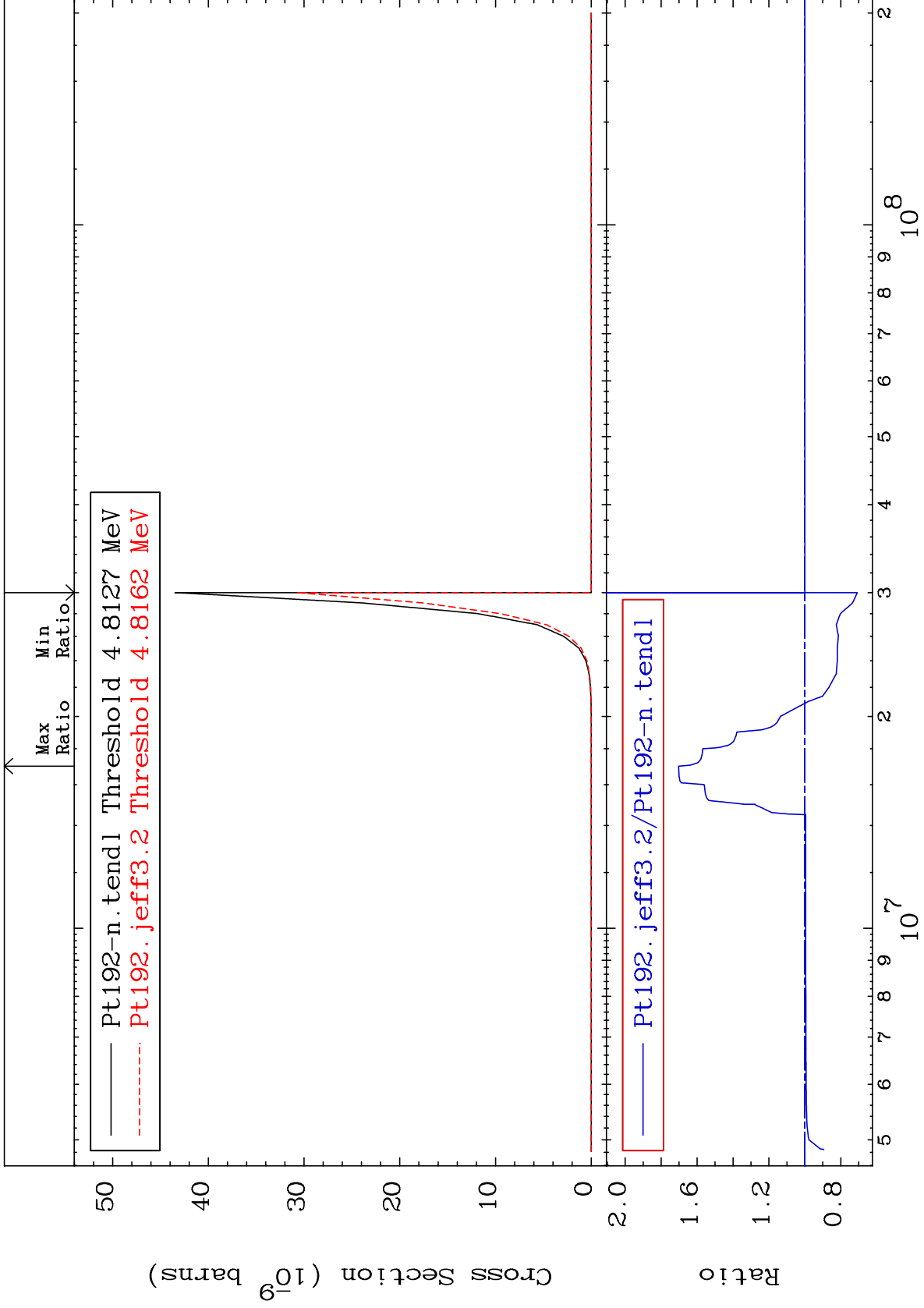
78-Pt-192
To 9999. %
0.000



MAT 7831

(n,n') p α
Cross Section

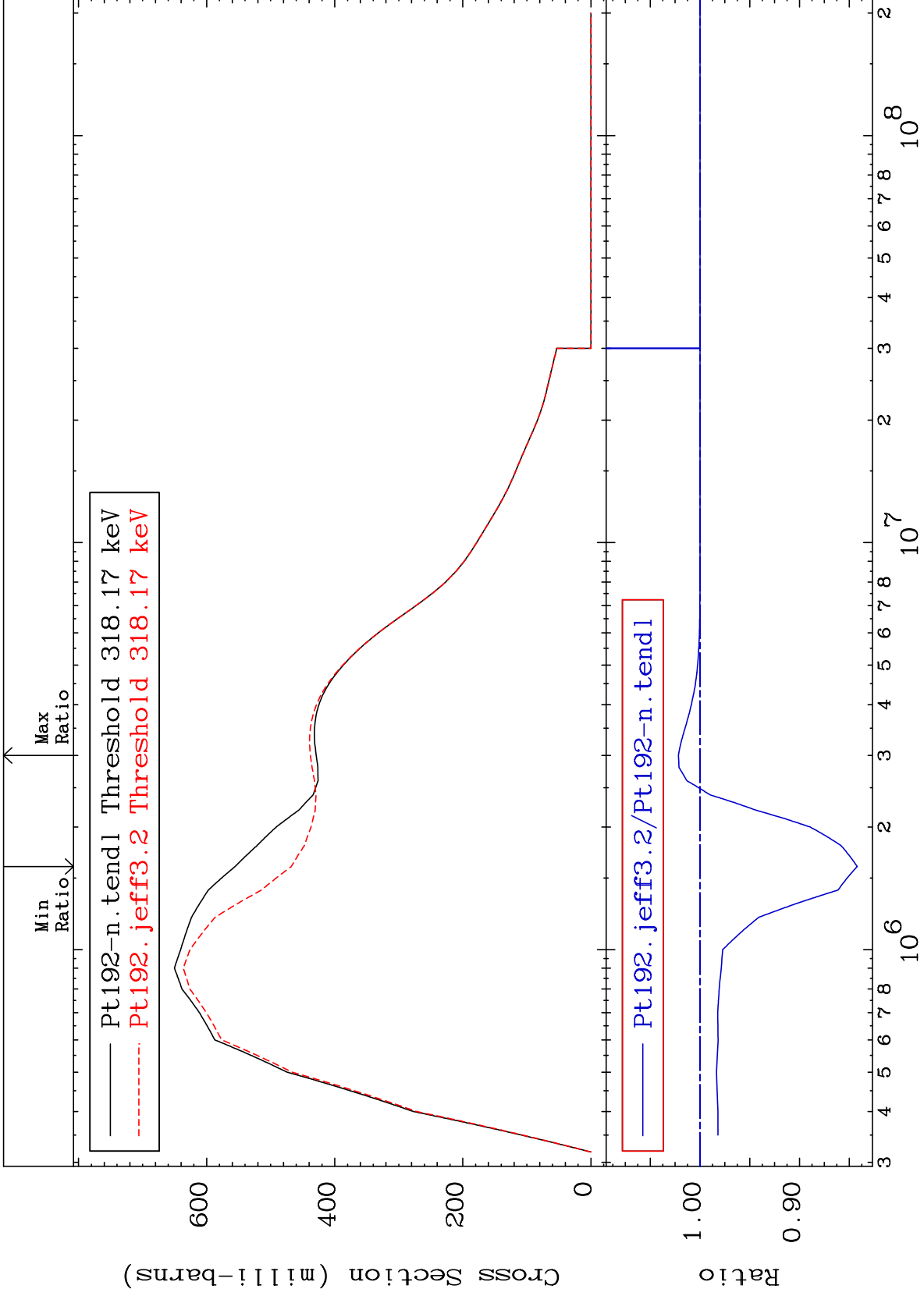
78-Pt-192
-29.20 To 70.26 %



MAT 7831

316.5 keV (n,n') Level
Cross Section

78-Pt-192
-15.80 To 2.167 %



20

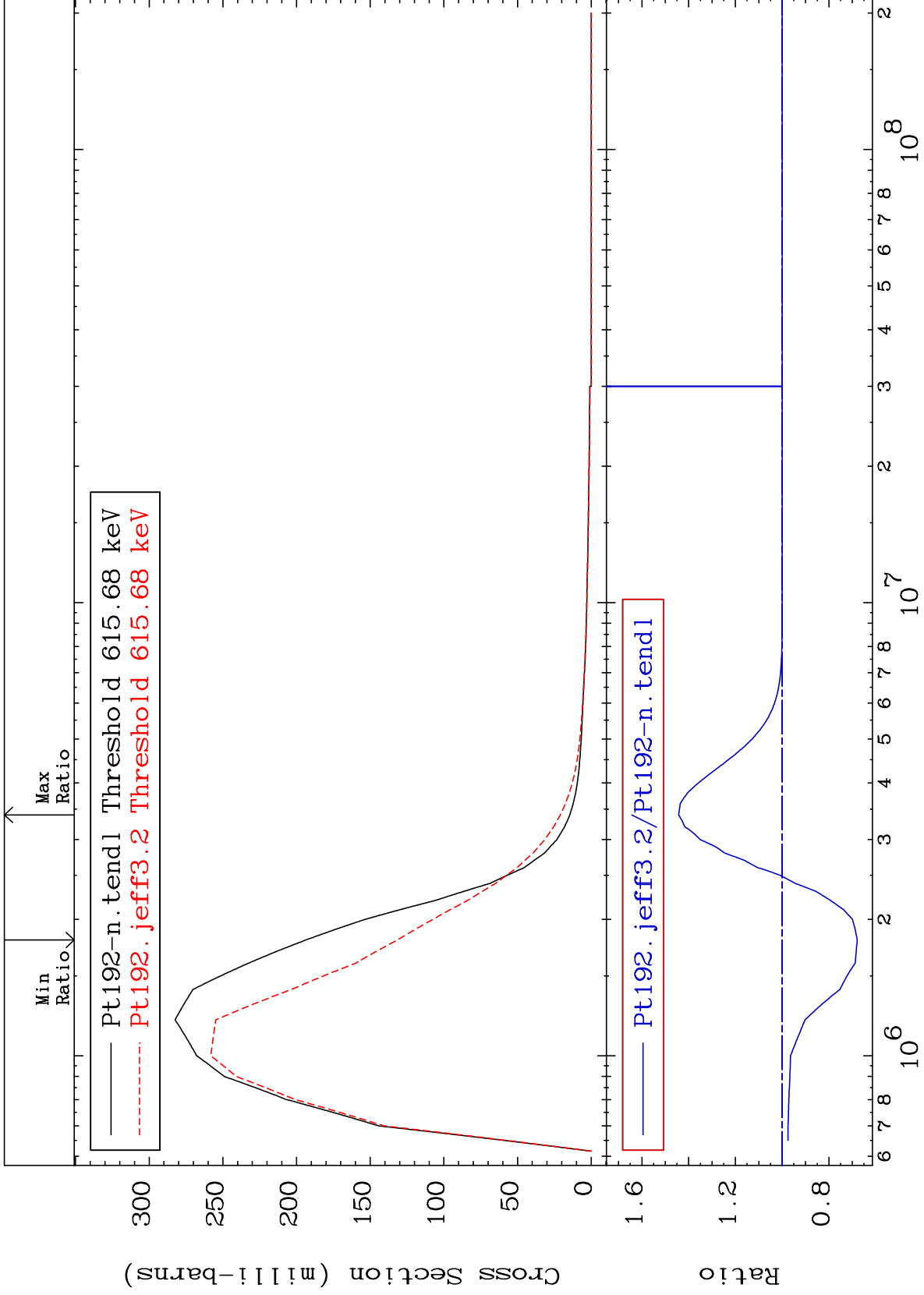
Incident Energy (eV)

78-Pt-192

MAT 7831

612.5 keV (n,n') Level
Cross Section

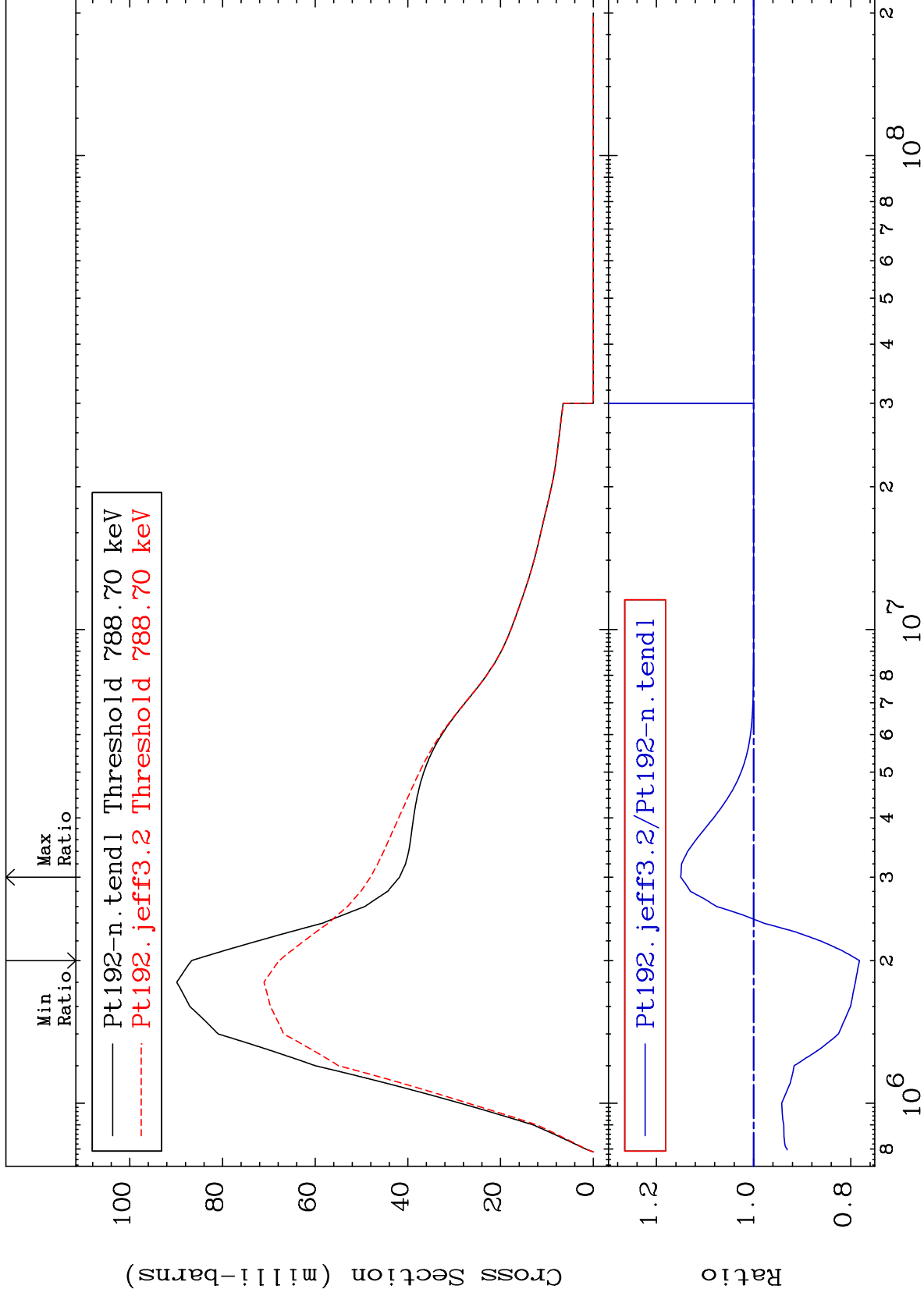
78-Pt-192
-32.12 To 44.29 %



MAT 7831

784.6 keV (n,n') Level
Cross Section

78-Pt-192
-21.82 To 14.99 %



22

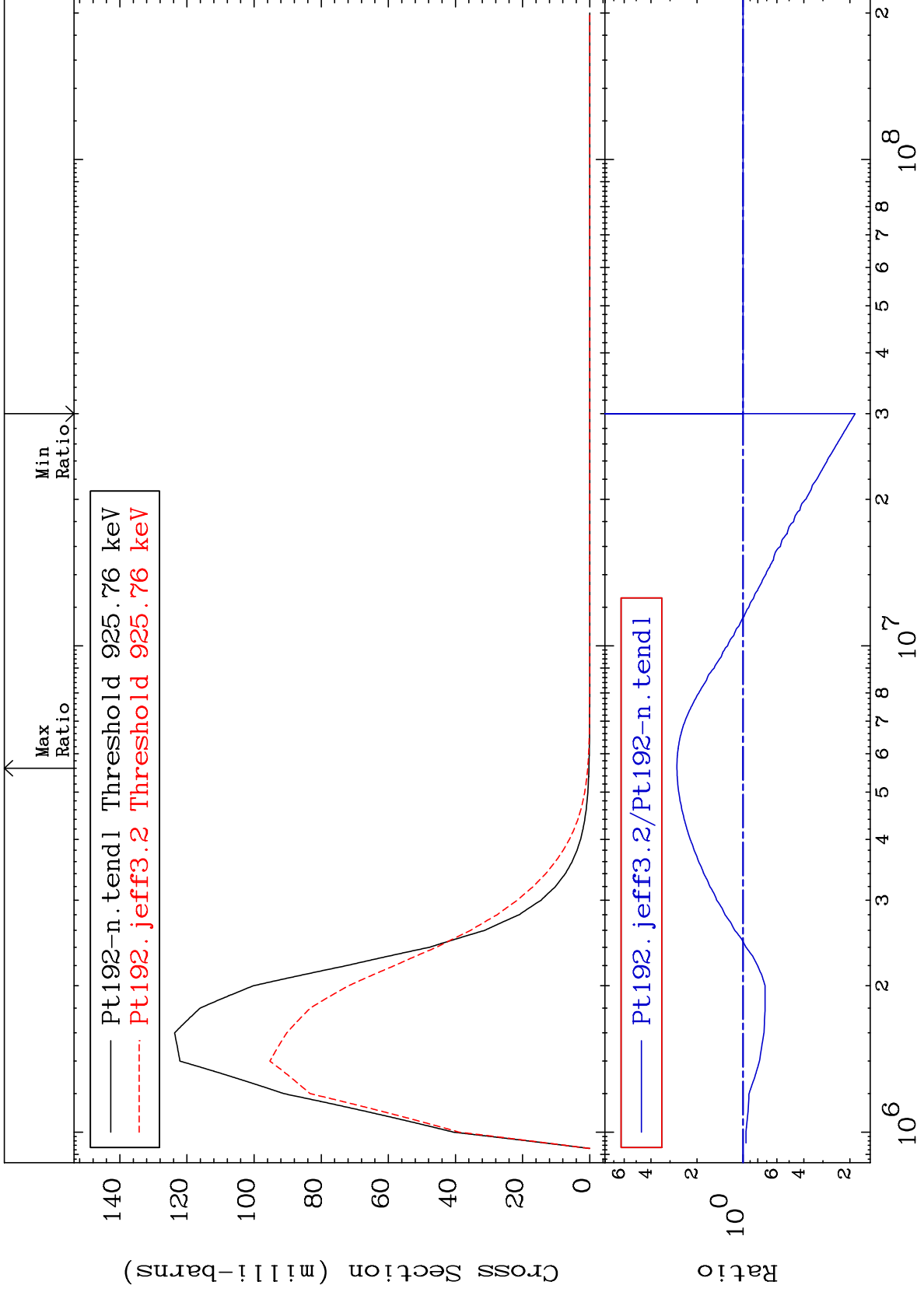
Incident Energy (eV)

78-Pt-192

MAT 7831

920.9 keV (n,n') Level
Cross Section

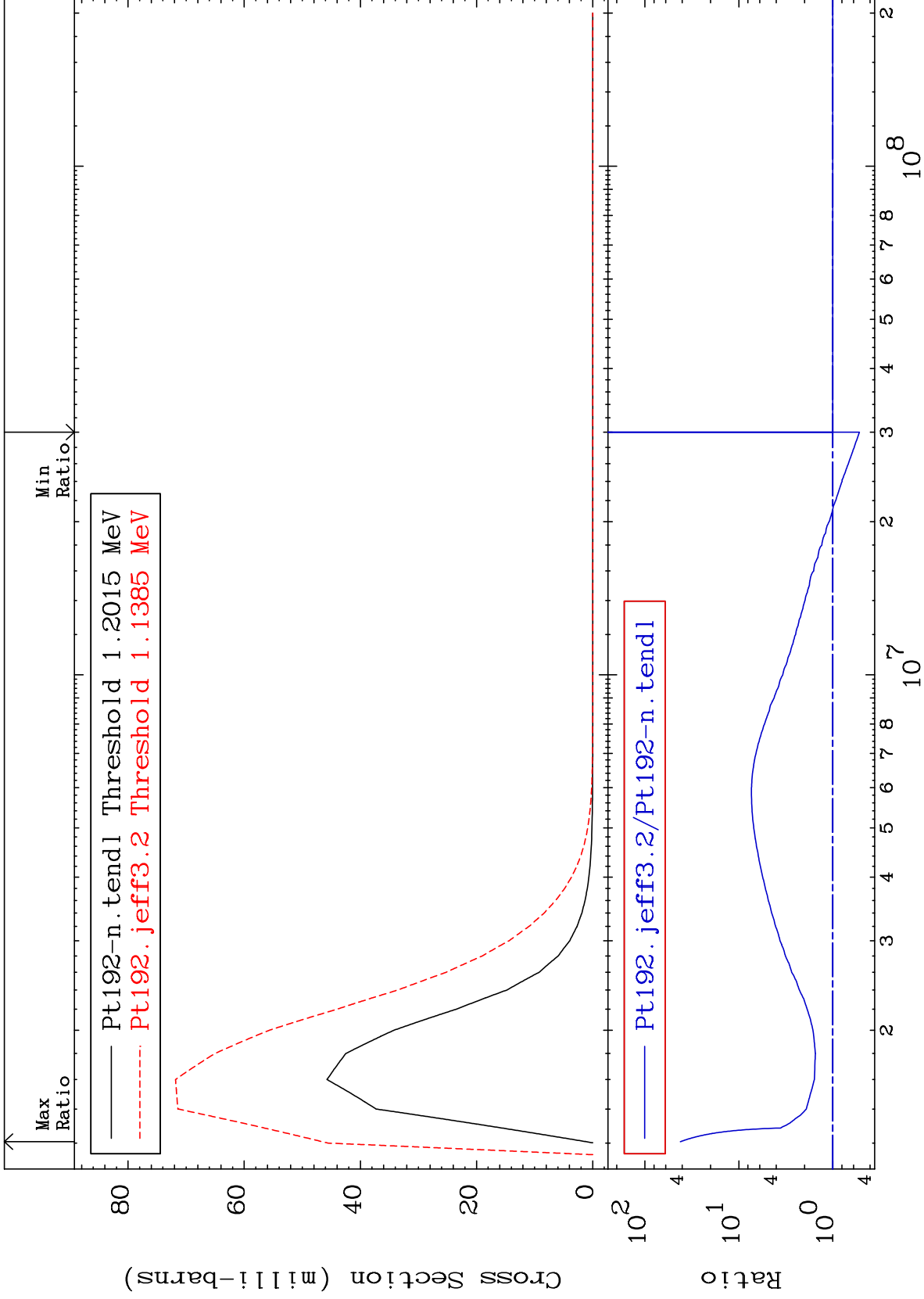
78-Pt-192
-81.51 To 170.8 %



MAT 7831

1.195 MeV (n,n') Level
Cross Section

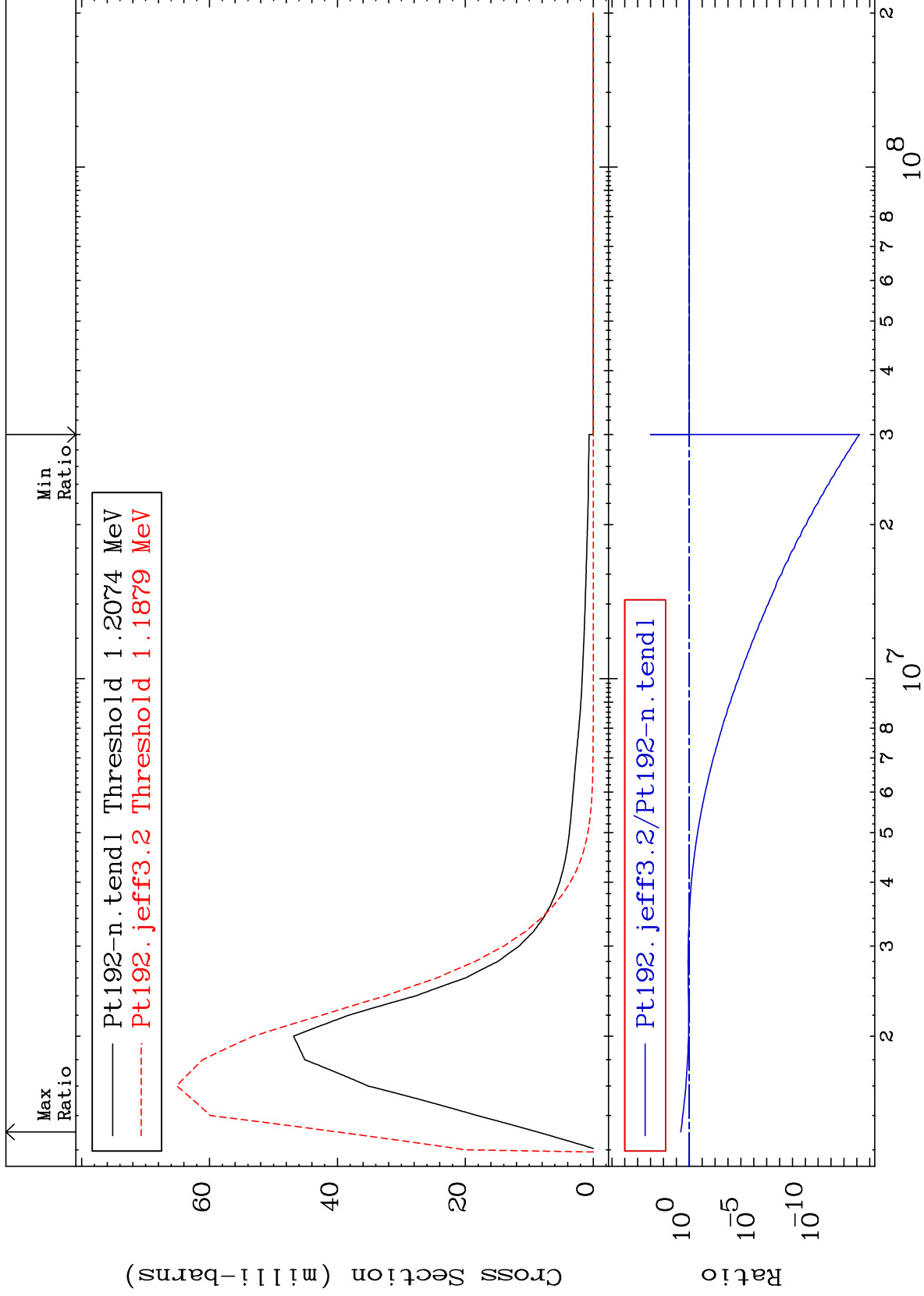
78-Pt-192
-47.98 To 4093. %



MAT 7831

1.201 MeV (n,n') Level
Cross Section

78-Pt-192
-100.0 To 357.6 %



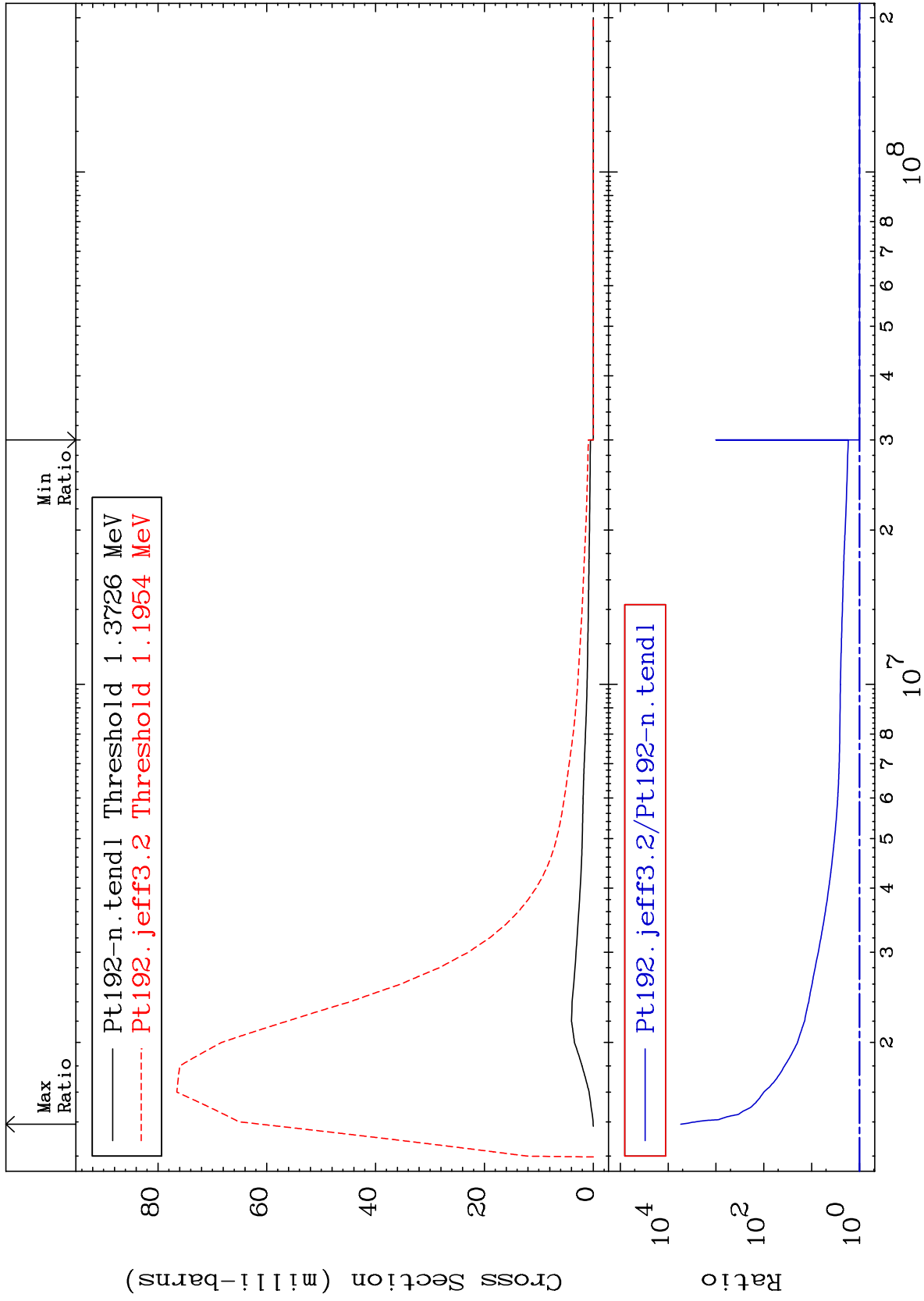
MAT 7831

1.365 MeV (n,n') Level

78-Pt-192

Cross Section

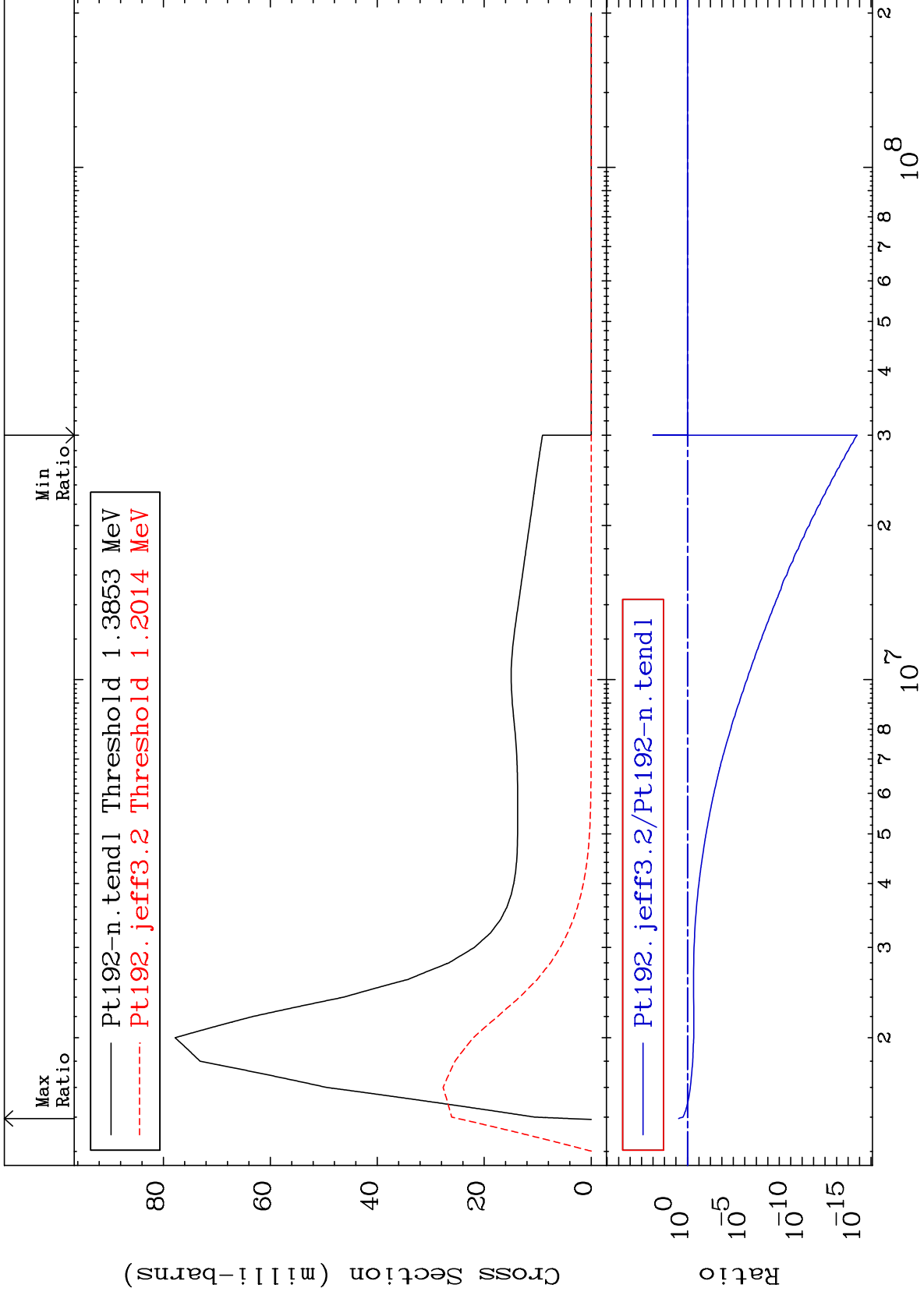
0.000 To 9999. %



MAT 7831

1.378 MeV (n,n') Level
Cross Section

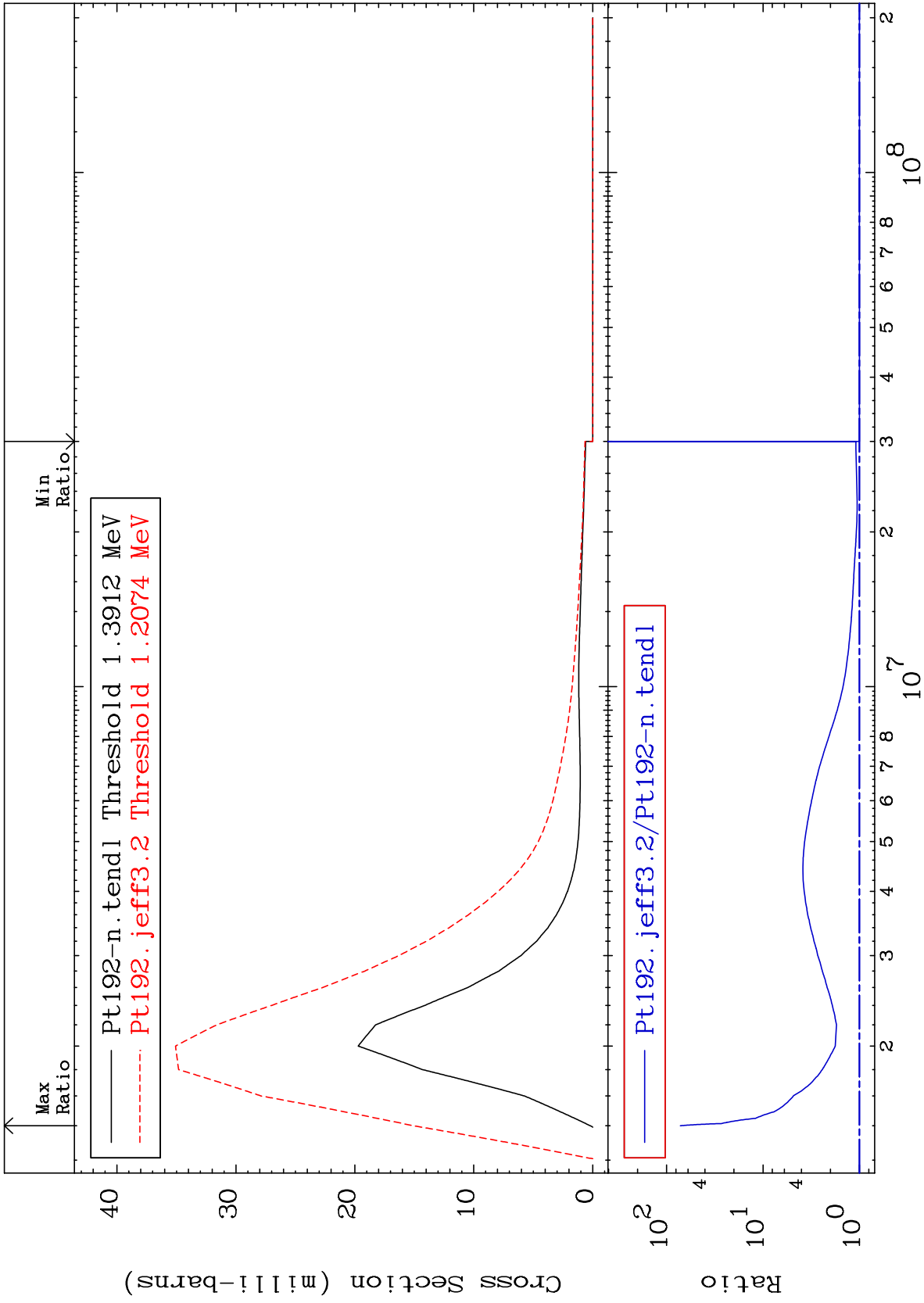
78-Pt-192
-100.0 To 485.4 %



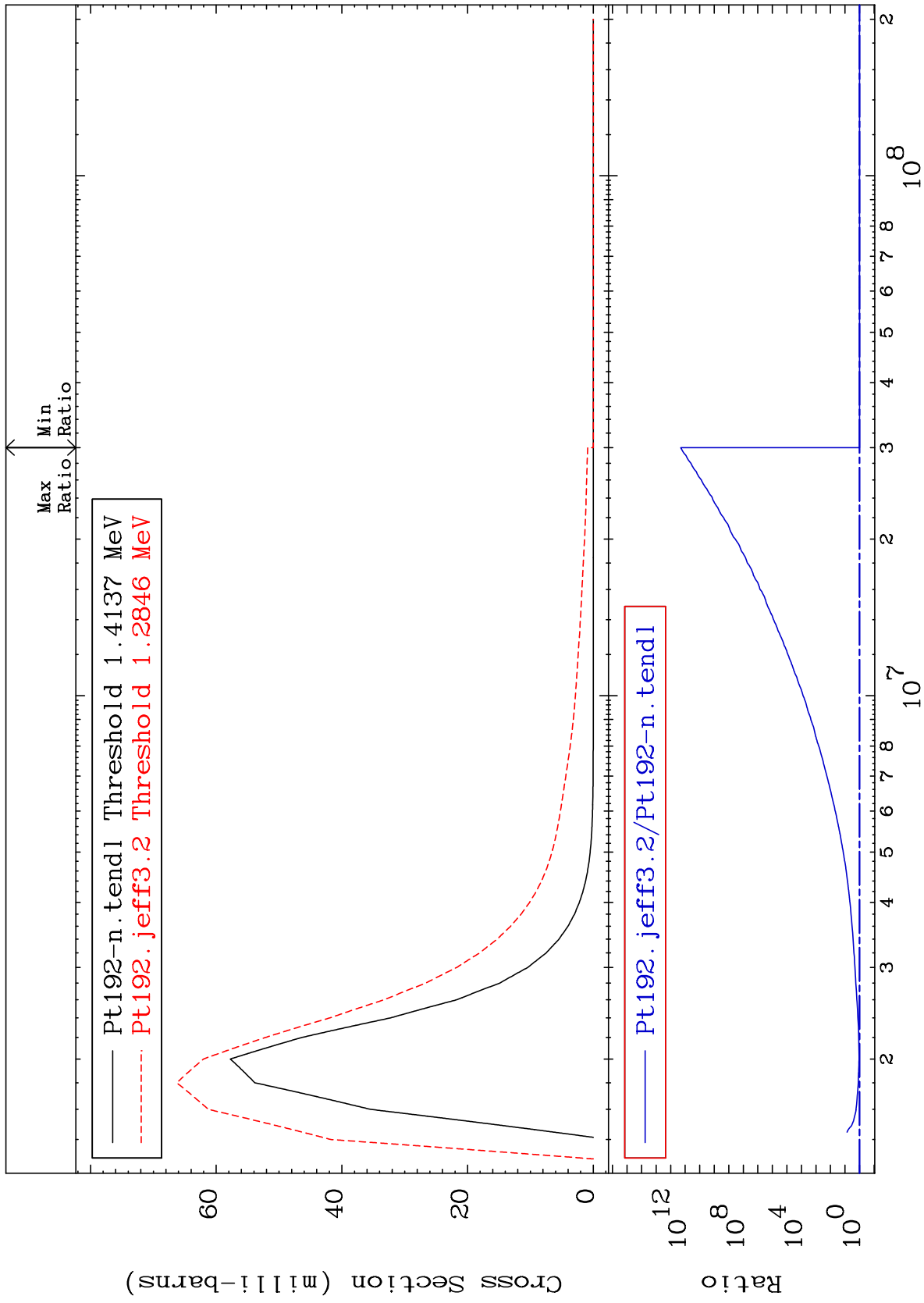
MAT 7831

1.384 MeV (n,n') Level
Cross Section

78-Pt-192
To 7093. %



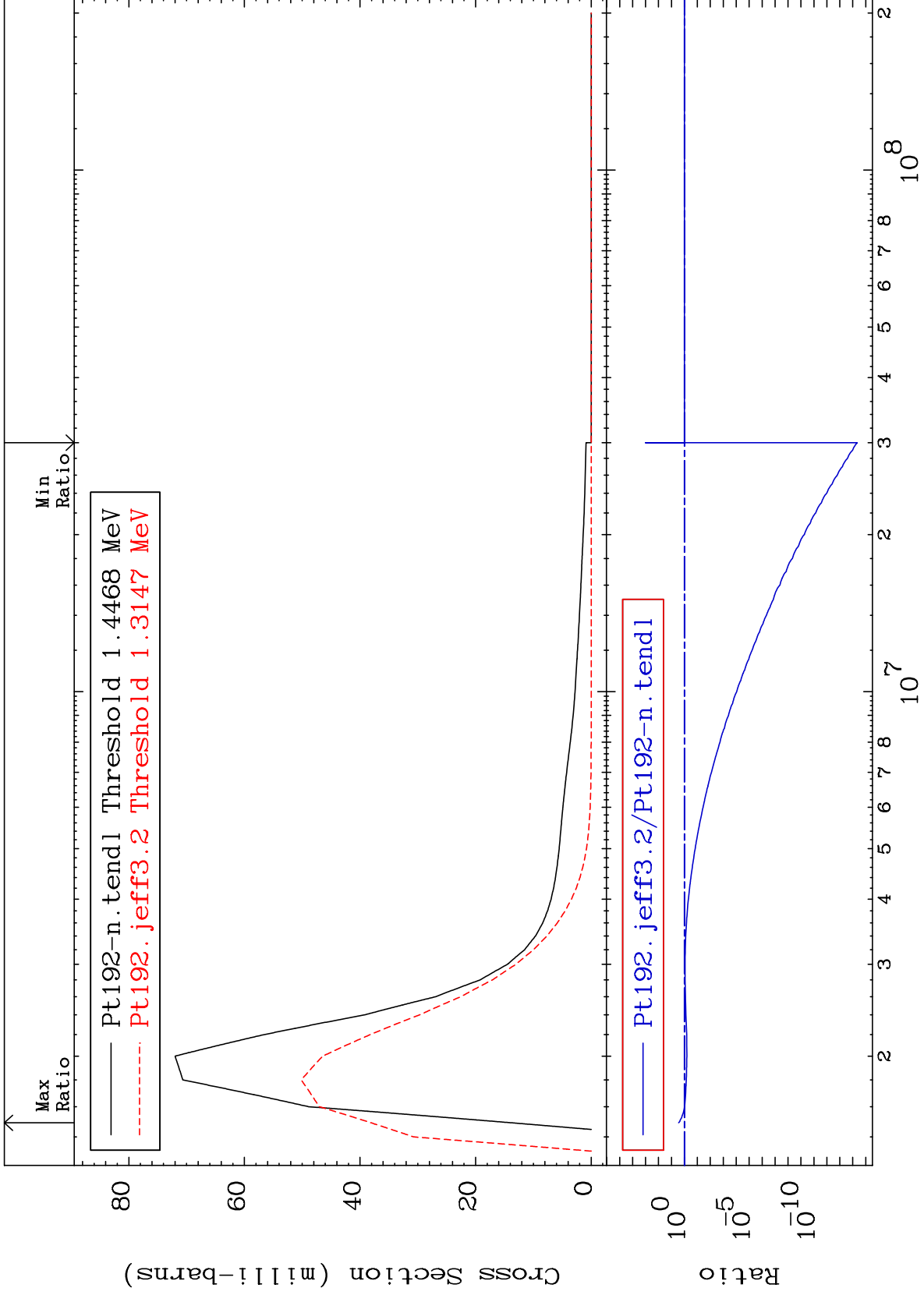
MAT 7831 1.406 MeV (n,n') Level 78-Pt-192
 Cross Section 0.000 To 9999. %



MAT 7831

1.439 MeV (n,n') Level
Cross Section

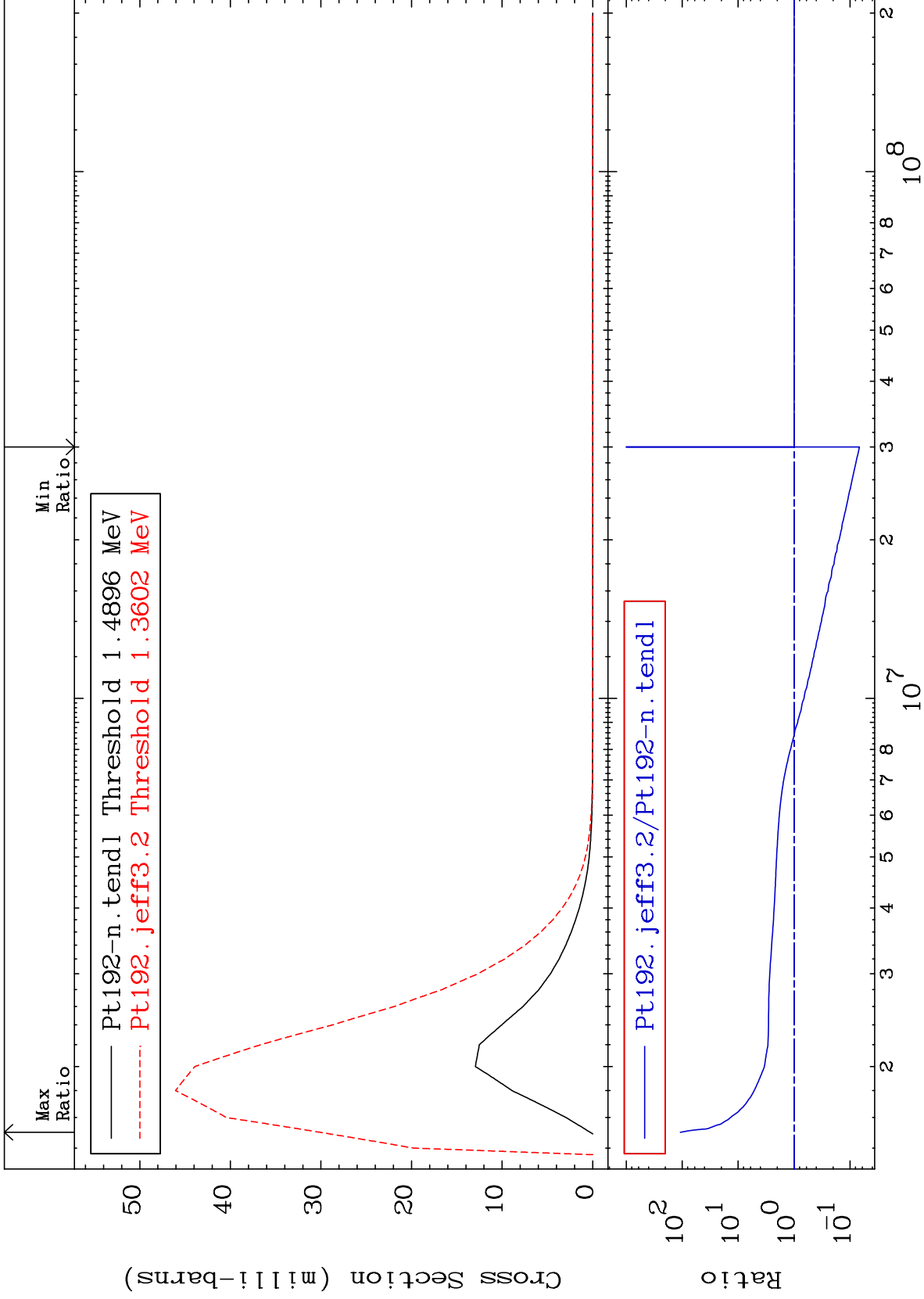
78-Pt-192
-100.0 To 178.7 %



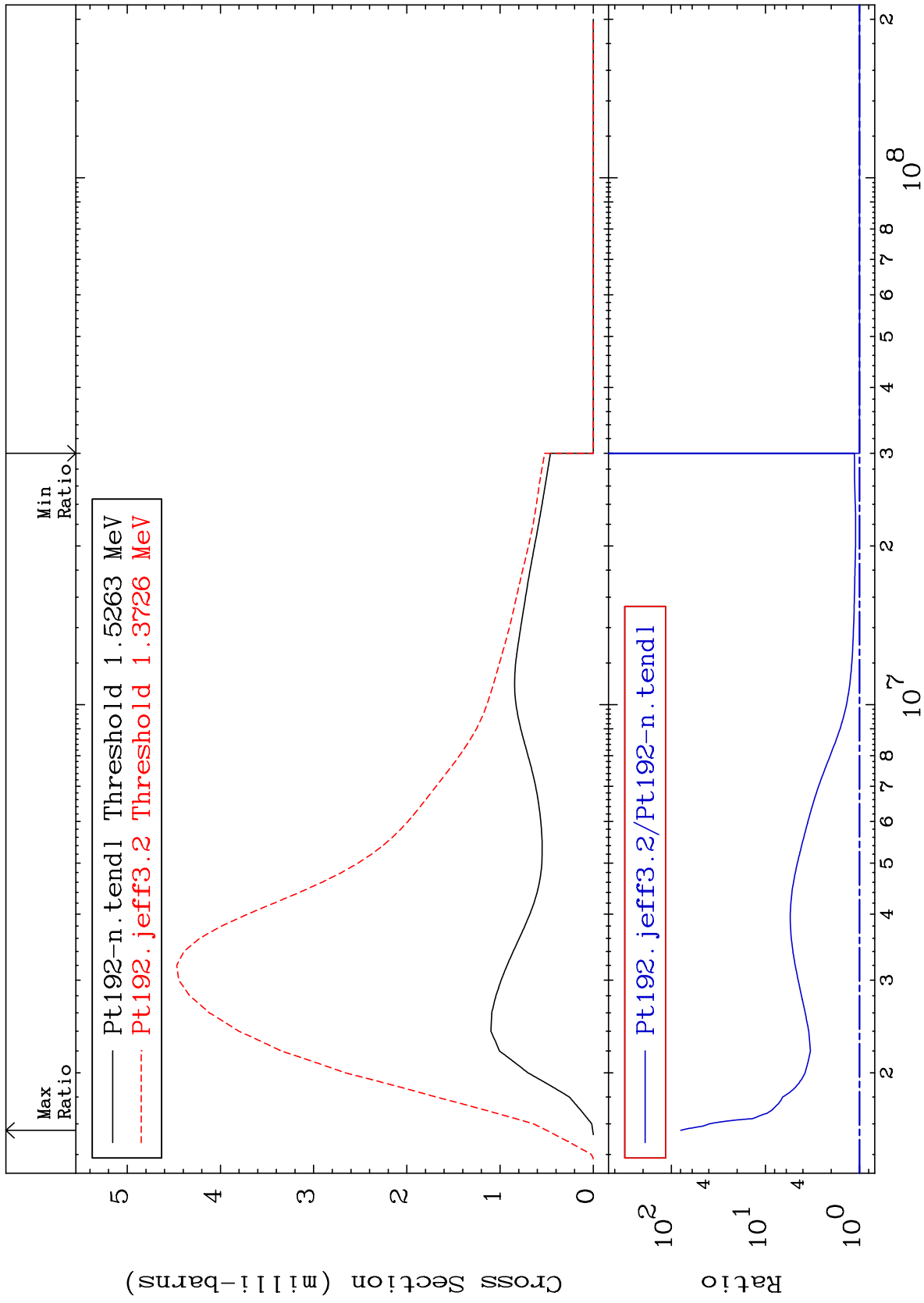
MAT 7831

1.482 MeV (n,n') Level
Cross Section

78-Pt-192
-93.21 To 9999. %



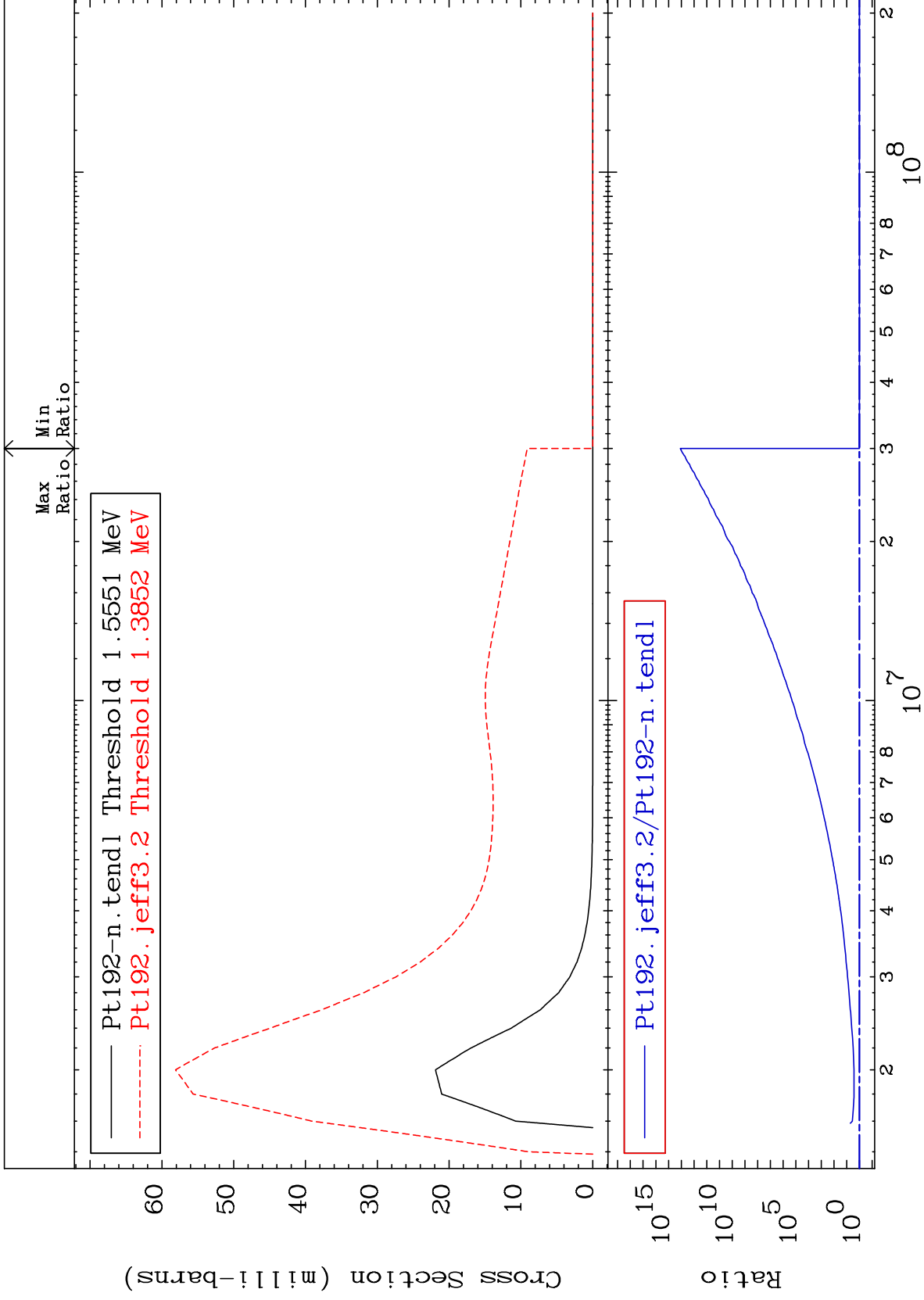
MAT 7831 1.518 MeV (n,n') Level 78-Pt-192
 Cross Section To 7842. %



MAT 7831

1.547 MeV (n,n') Level
Cross Section

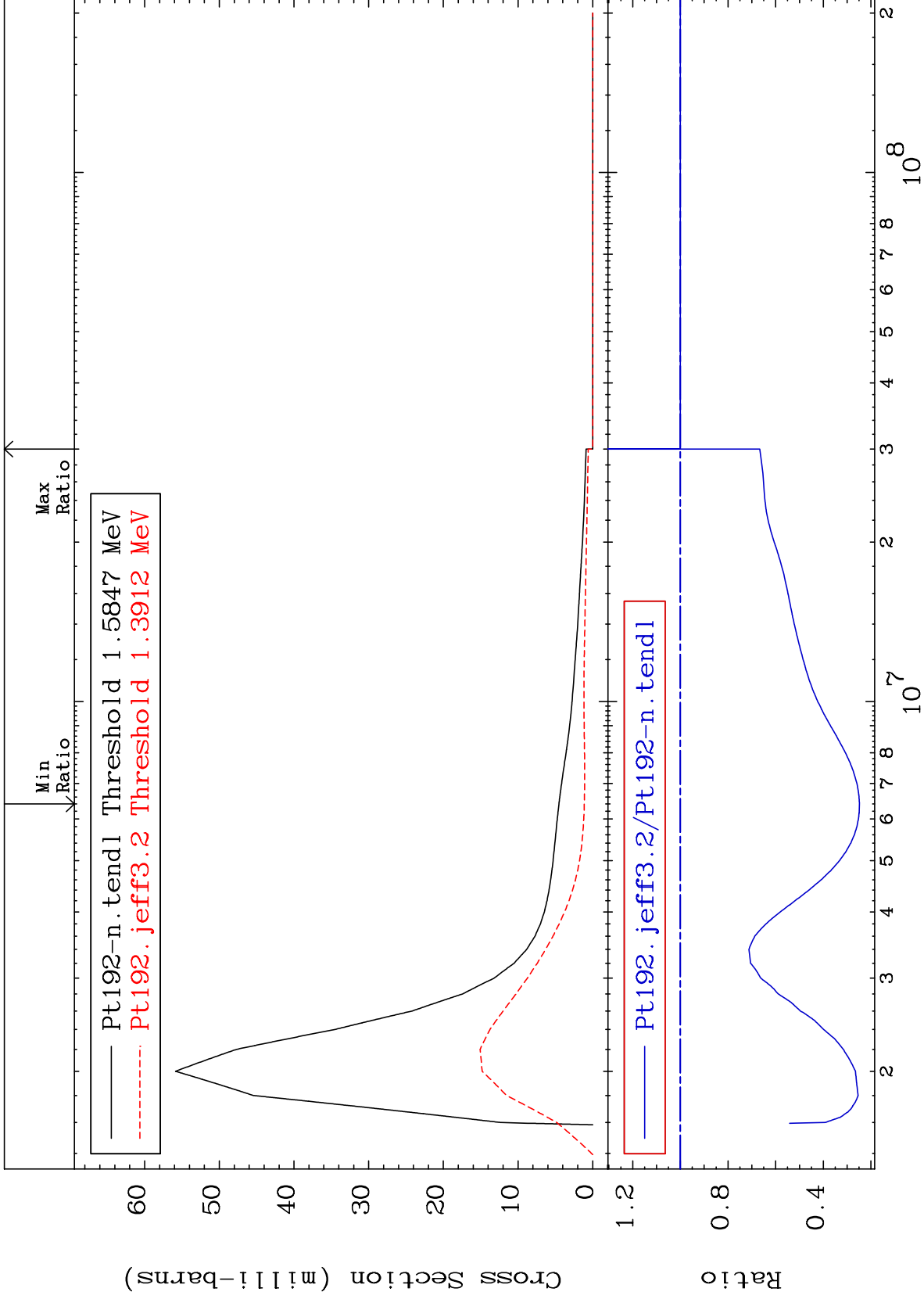
78-Pt-192
0.000 To 9999. %



MAT 7831

1.576 MeV (n,n') Level
Cross Section

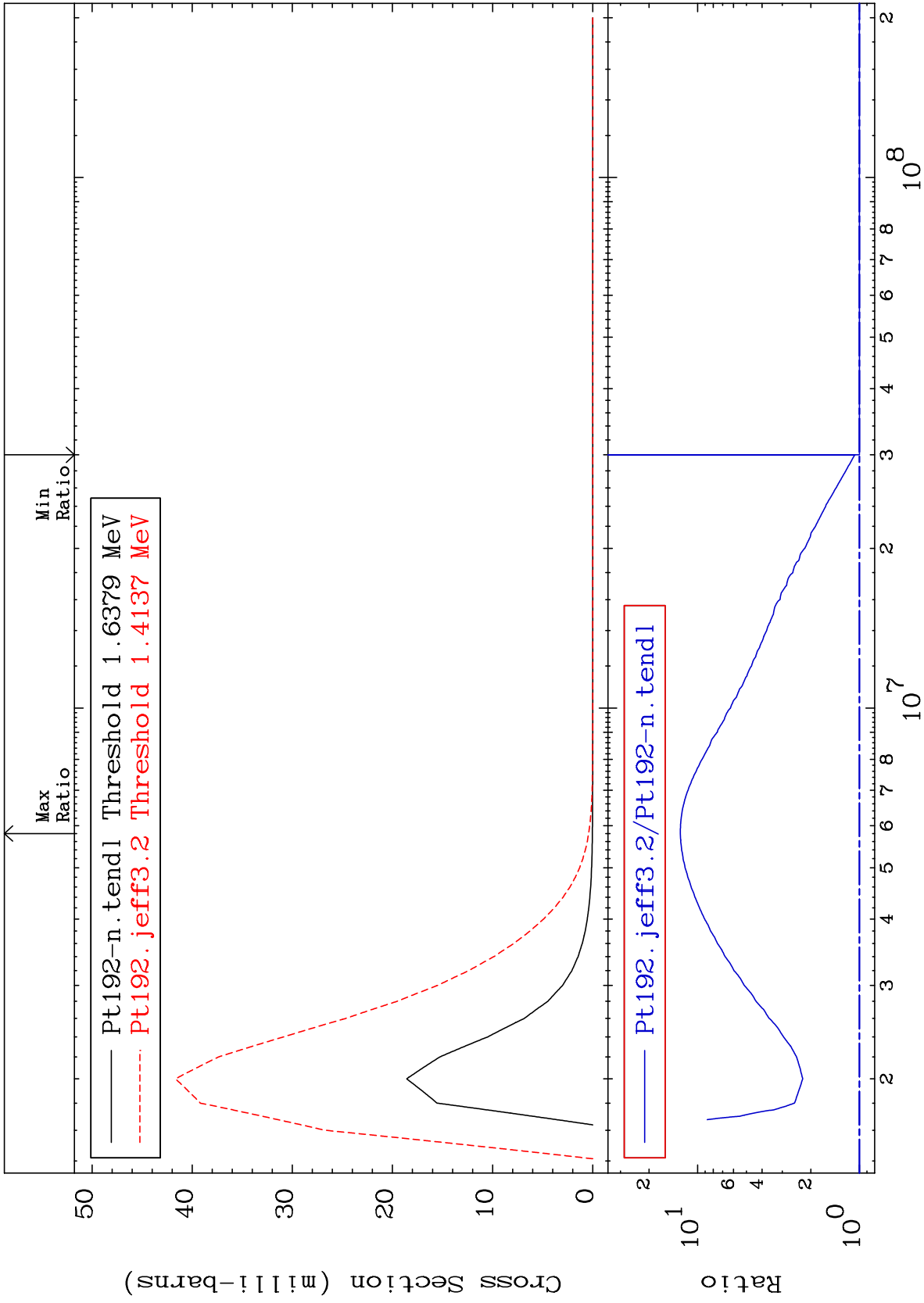
78-Pt-192
-75.16 To 0.000 %



MAT 7831

1.629 MeV (n,n') Level
Cross Section

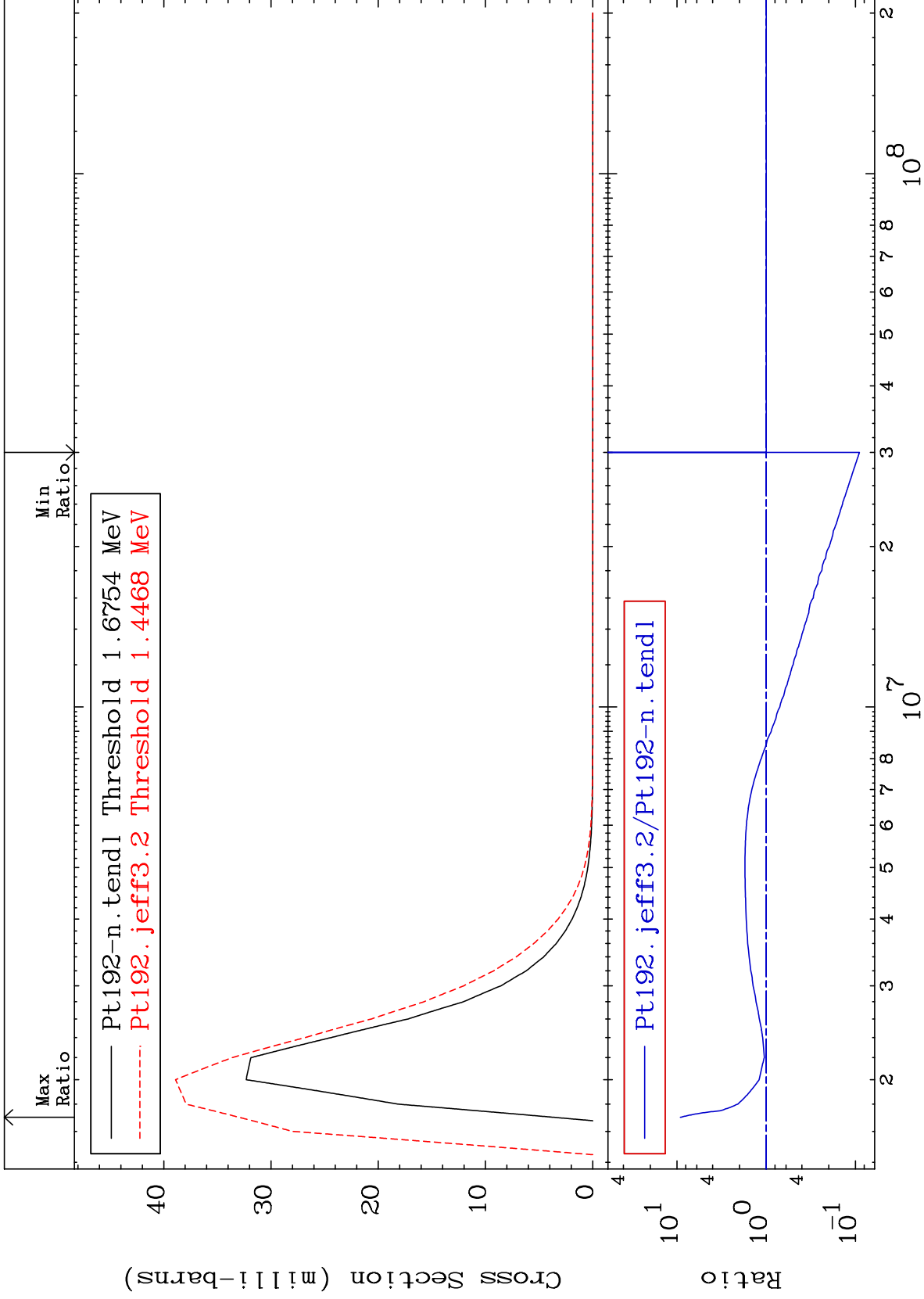
78-Pt-192
0.000 To 1180. %



MAT 7831

1.667 MeV (n,n') Level
Cross Section

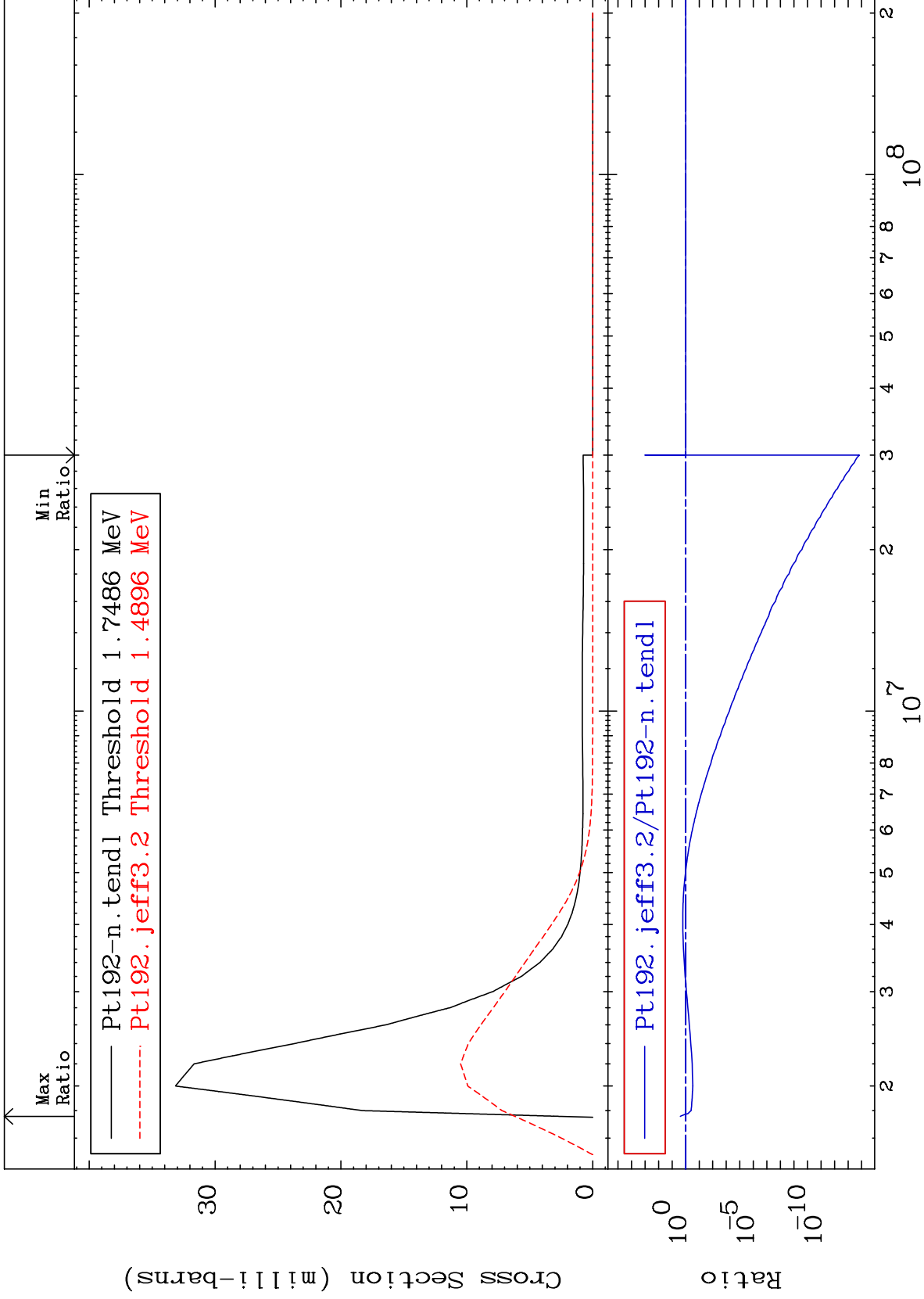
78-Pt-192
-90.95 To 818.5 %



MAT 7831

1.739 MeV (n,n') Level
Cross Section

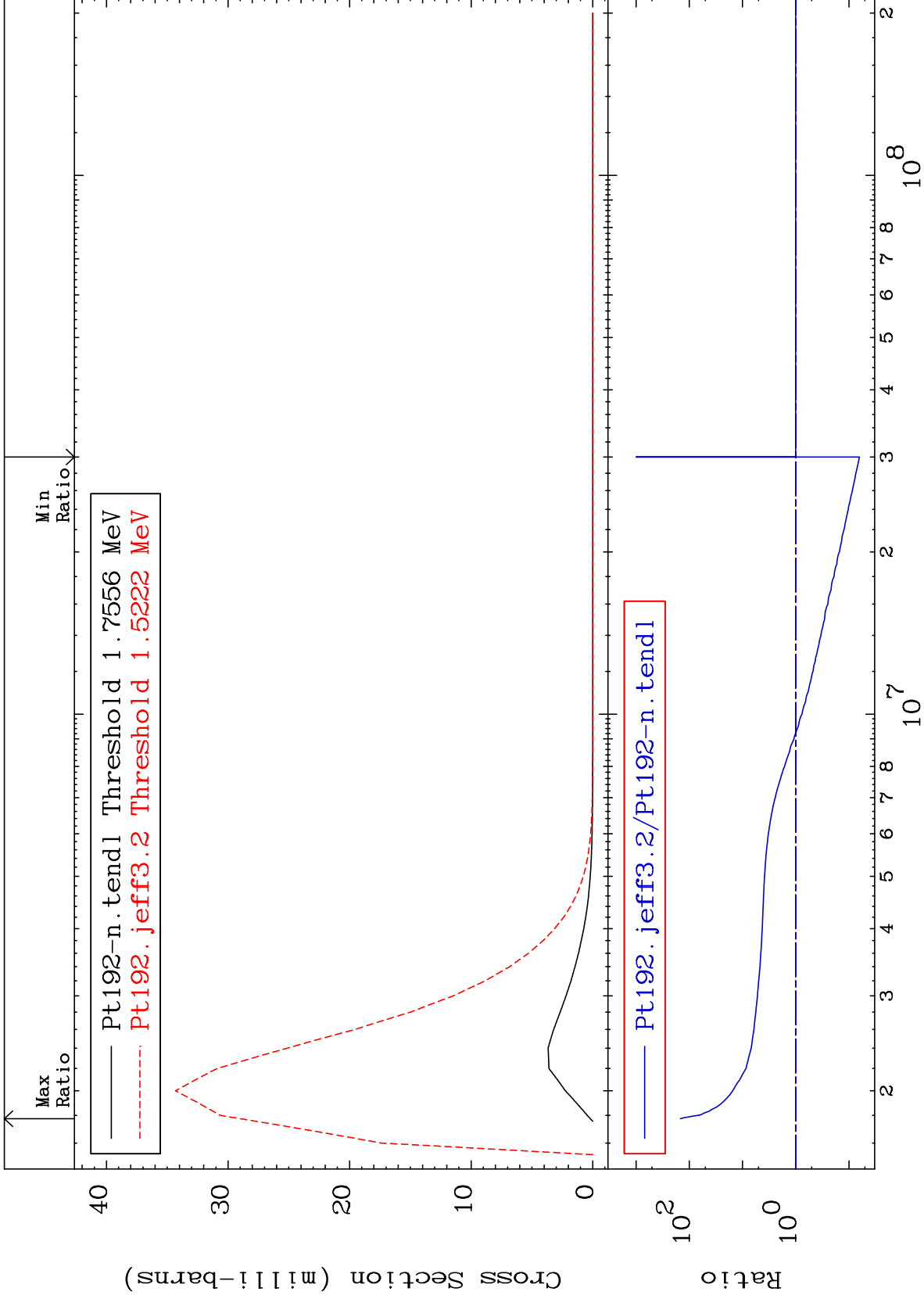
78-Pt-192
-100.0 To 146.6 %



MAT 7831

1.746 MeV (n,n') Level
Cross Section

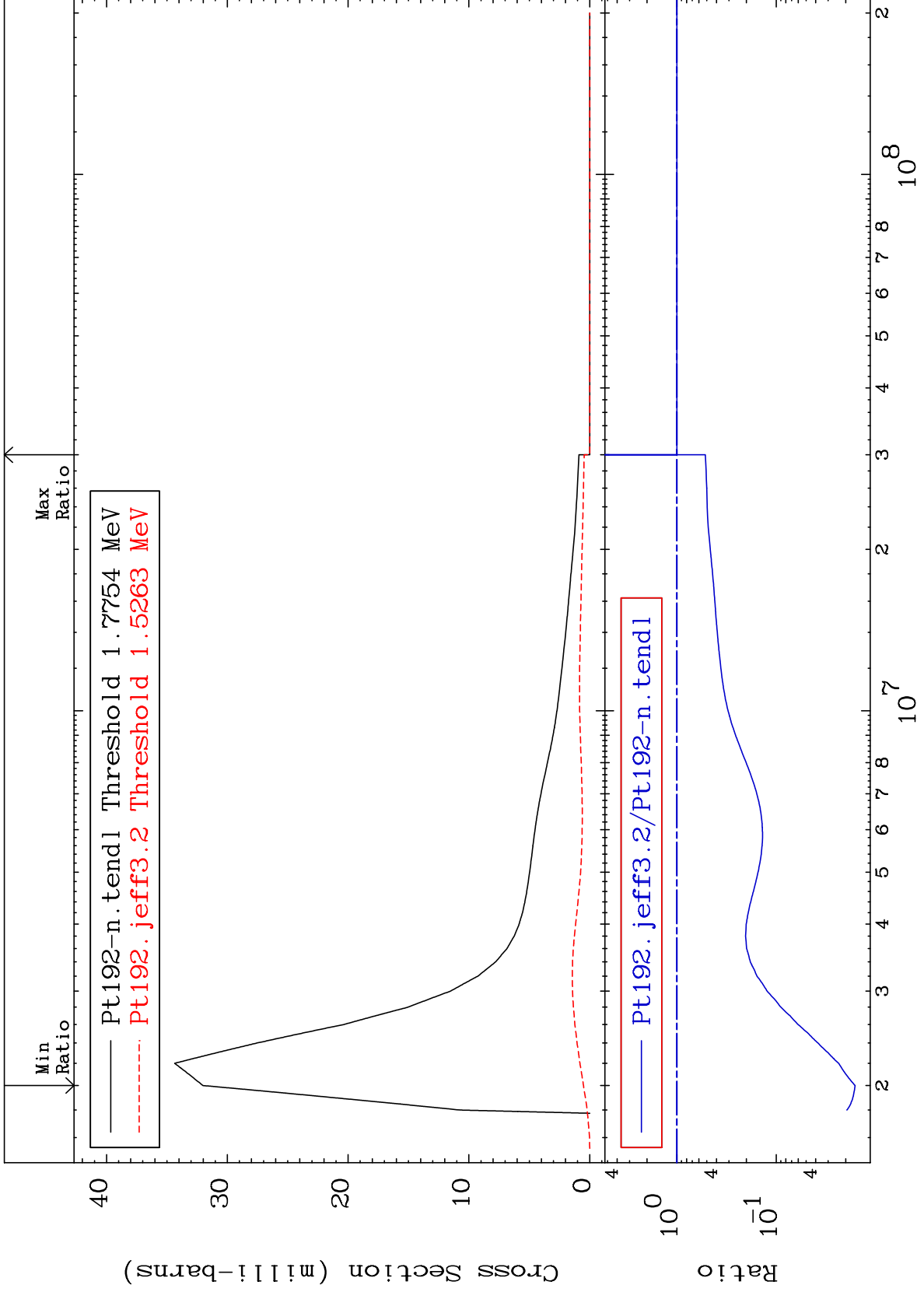
78-Pt-192
-93.65 To 9999. %



MAT 7831

1.766 MeV (n,n') Level
Cross Section

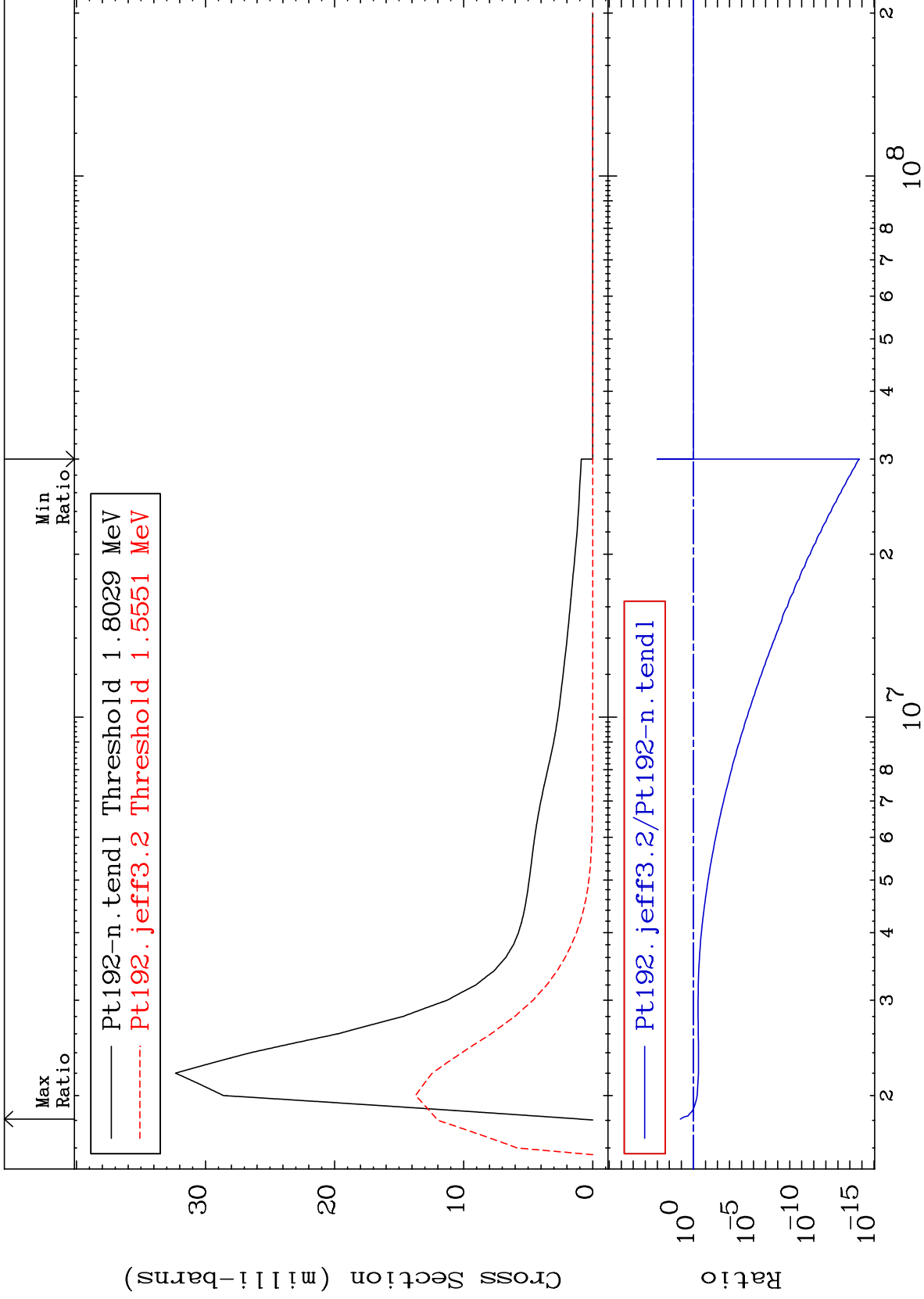
78-Pt-192
-98.39 To 0.000 %



MAT 7831

1.793 MeV (n,n') Level
Cross Section

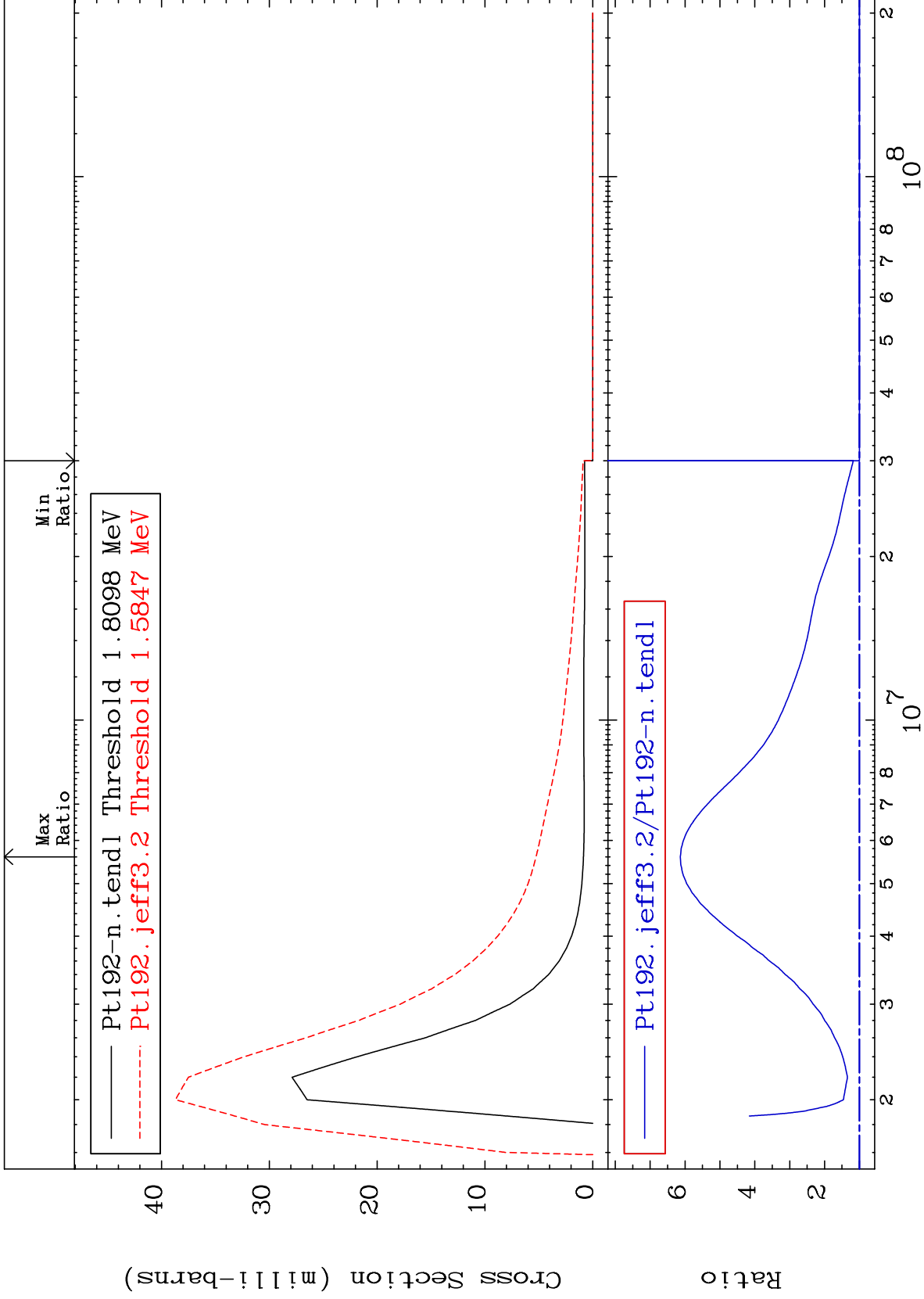
78-Pt-192
-100.0 To 1118. %



MAT 7831

1.800 MeV (n,n') Level
Cross Section

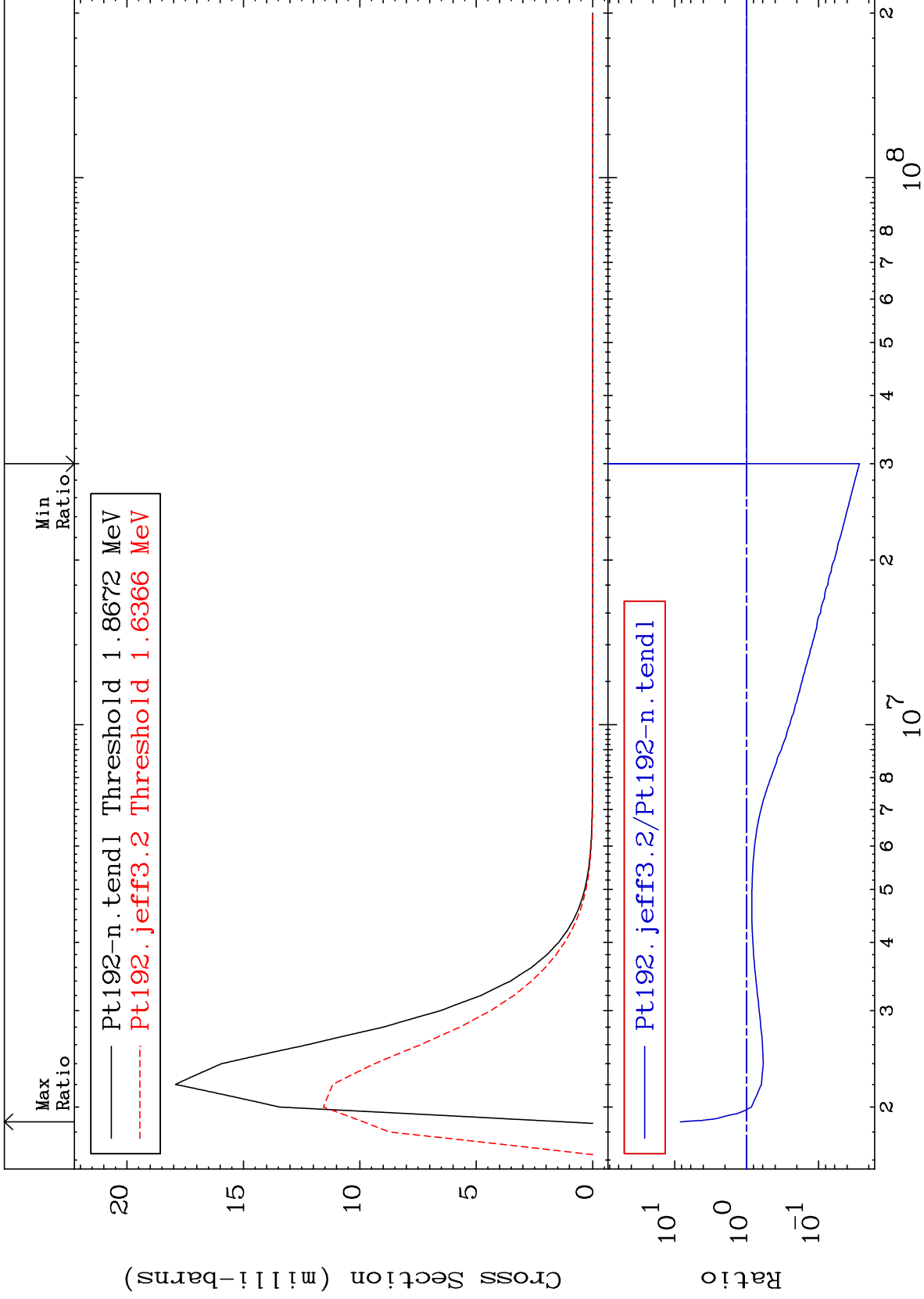
78-Pt-192
To 513.5 %



MAT 7831

1.857 MeV (n,n') Level
Cross Section

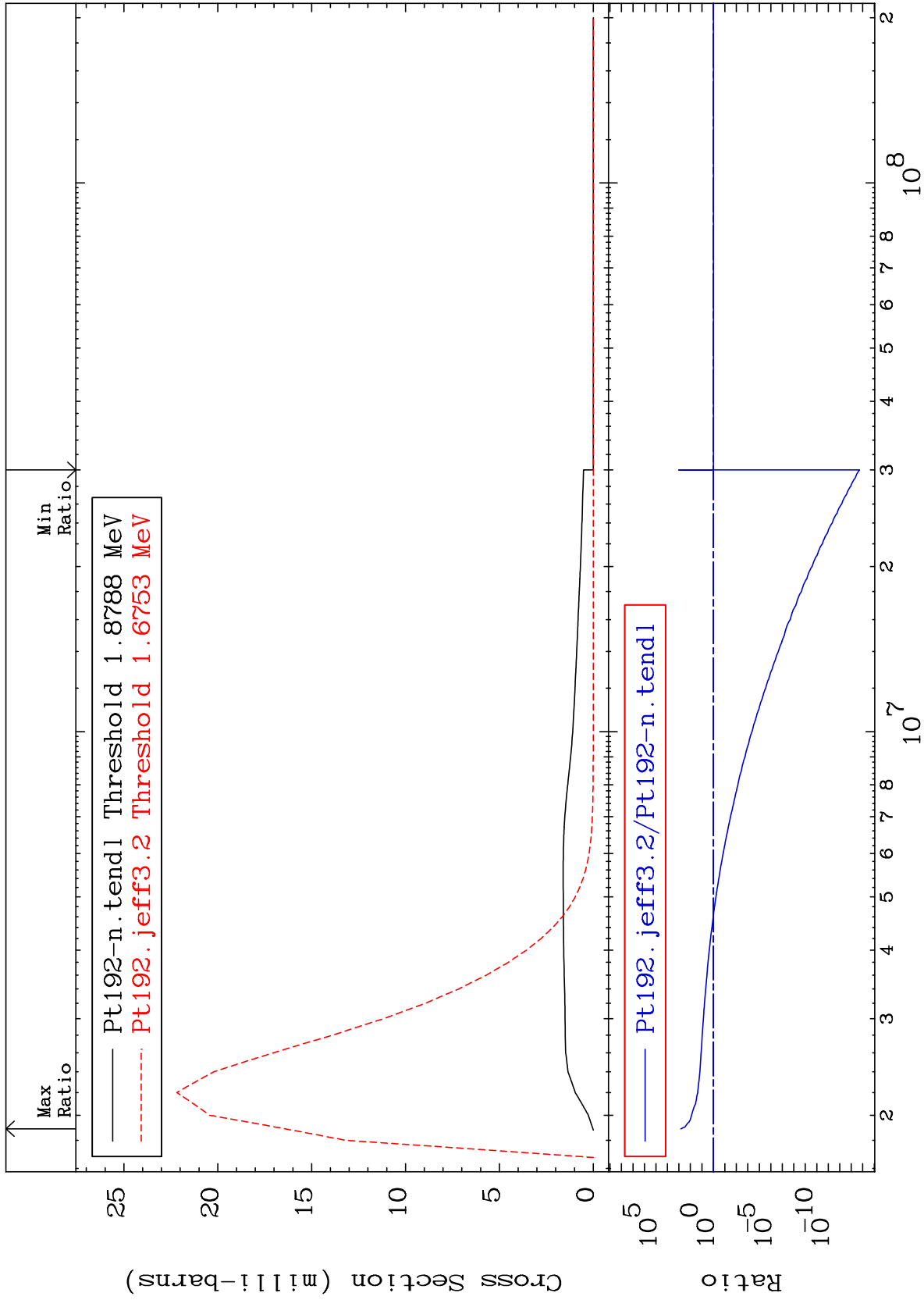
78-Pt-192
-97.29 To 733.6 %



MAT 7831

1.869 MeV (n,n') Level
Cross Section

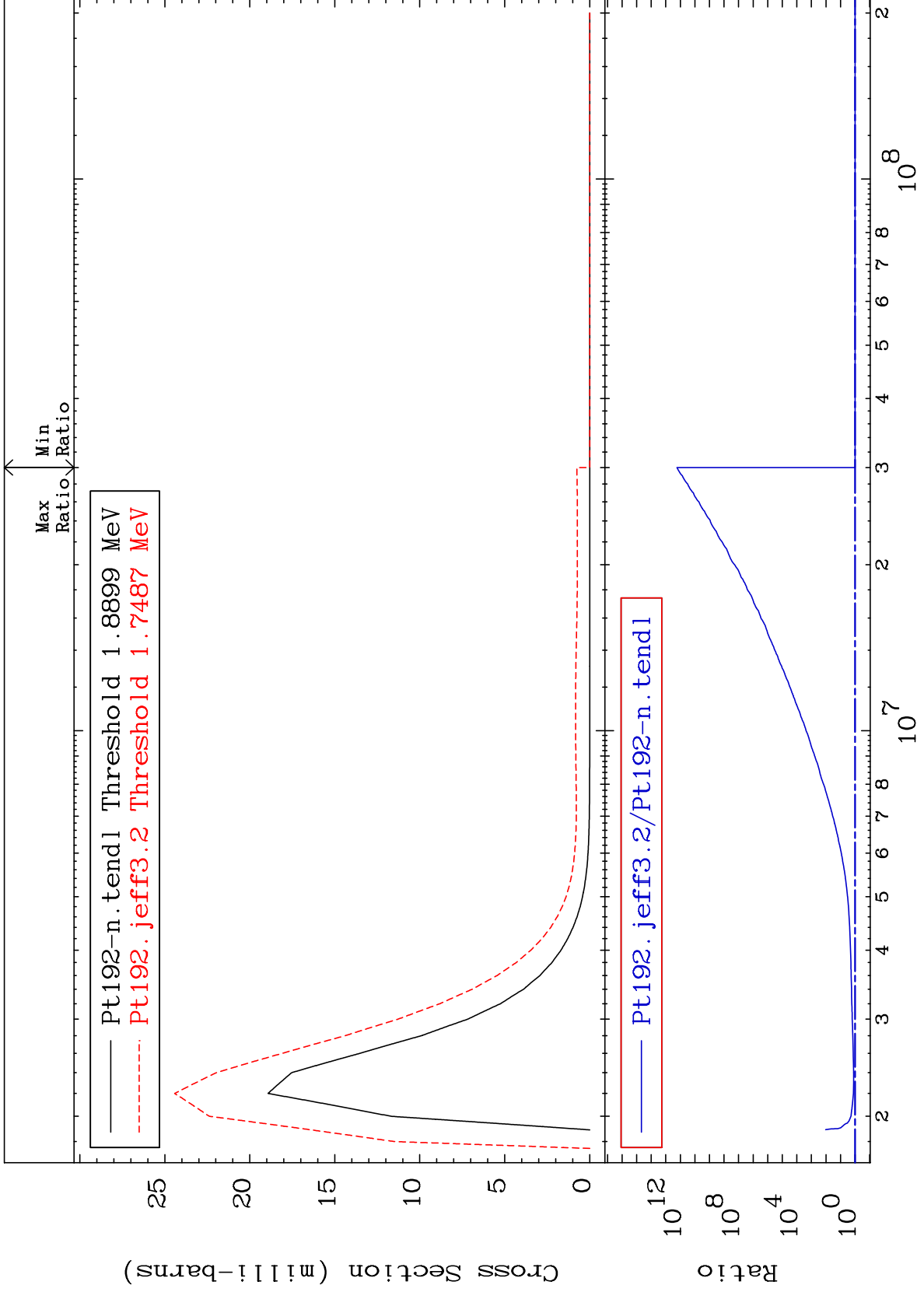
78-Pt-192
-100.0 To 9999. %



MAT 7831

1.880 MeV (n,n') Level
Cross Section

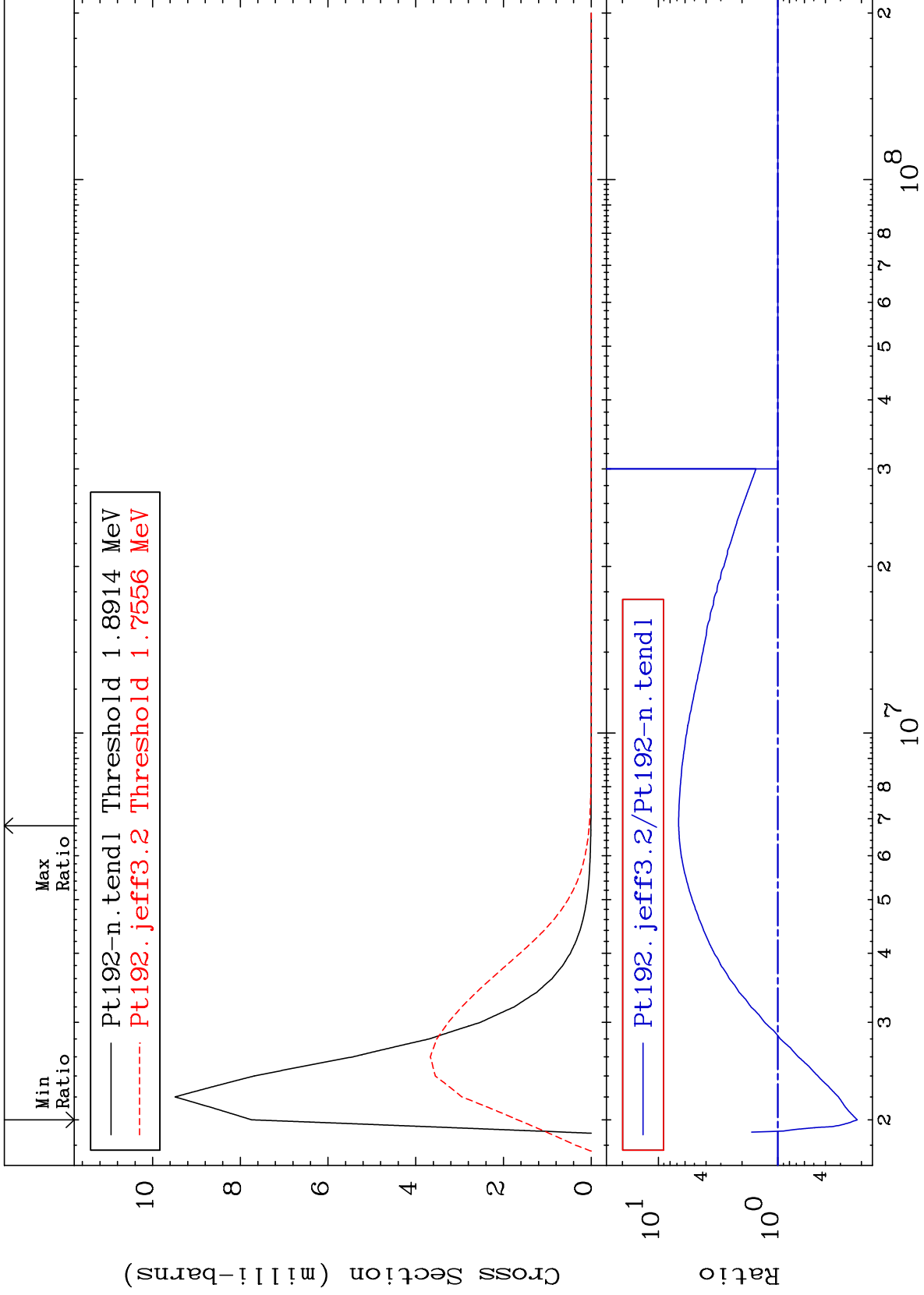
78-Pt-192
0.000 To 9999. %



MAT 7831

1.882 MeV (n,n') Level
Cross Section

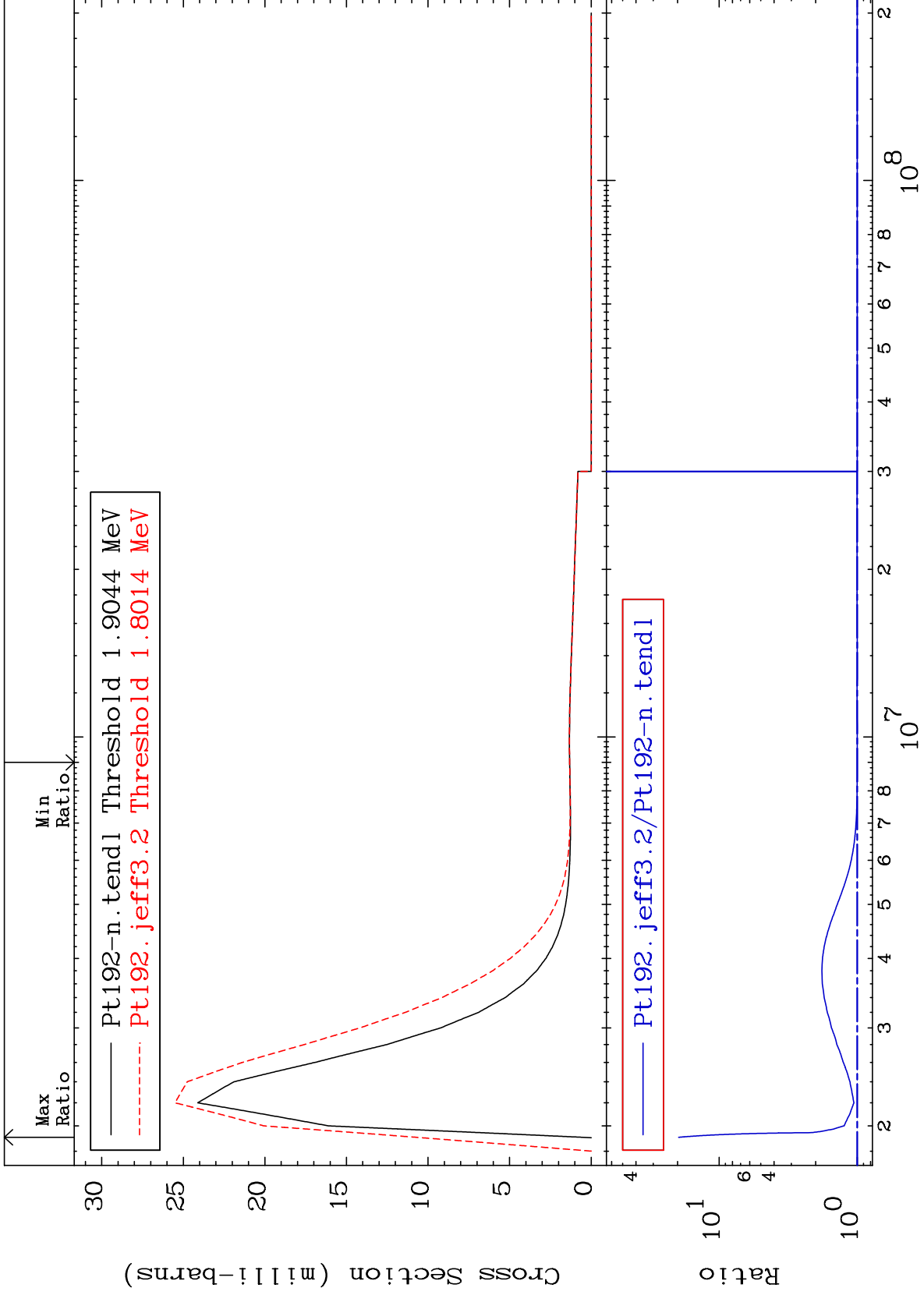
78-Pt-192
-78.34 To 577.5 %



MAT 7831

1.894 MeV (n,n') Level
Cross Section

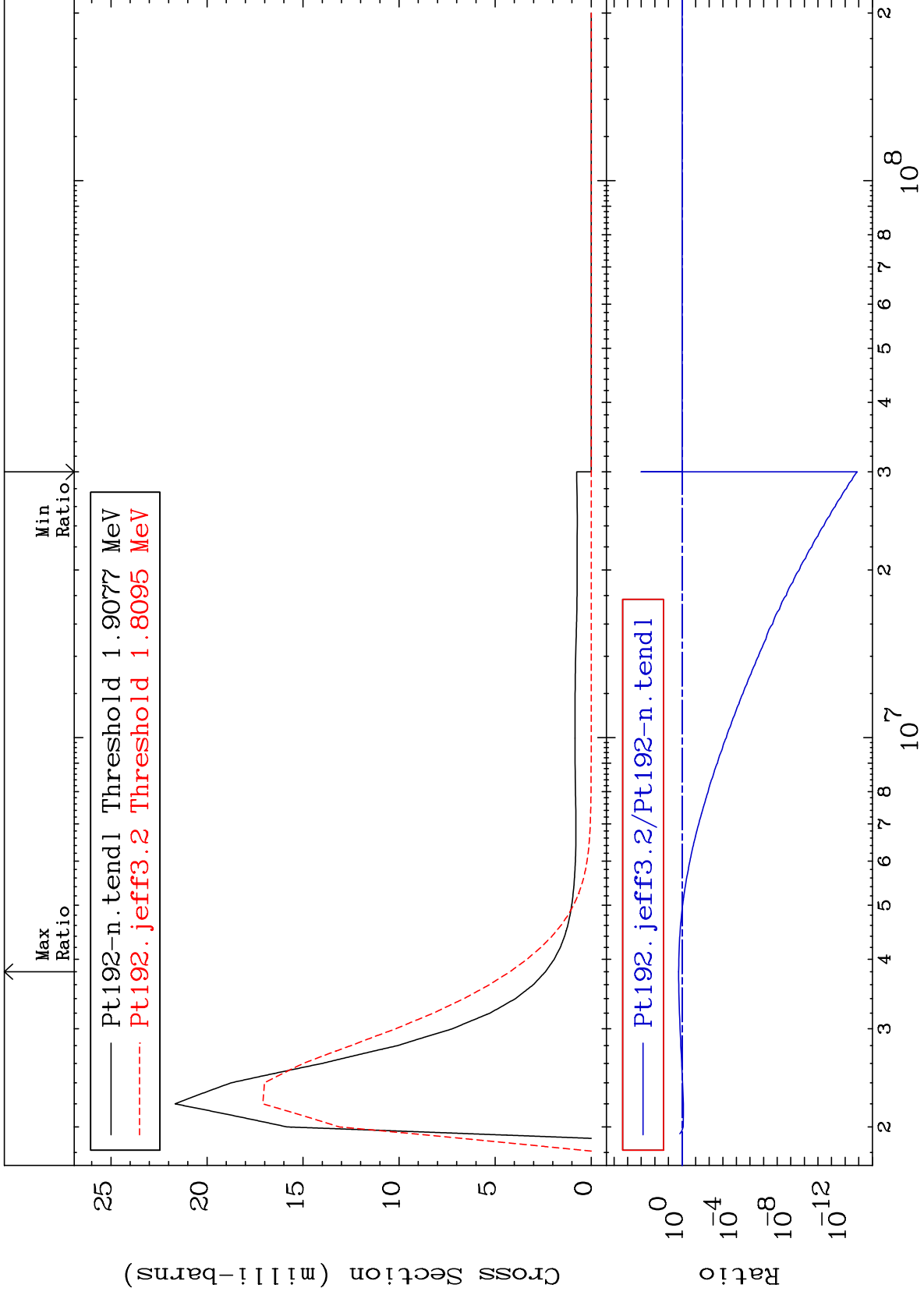
78-Pt-192
-0.006 To 1866. %



MAT 7831

1.898 MeV (n,n') Level
Cross Section

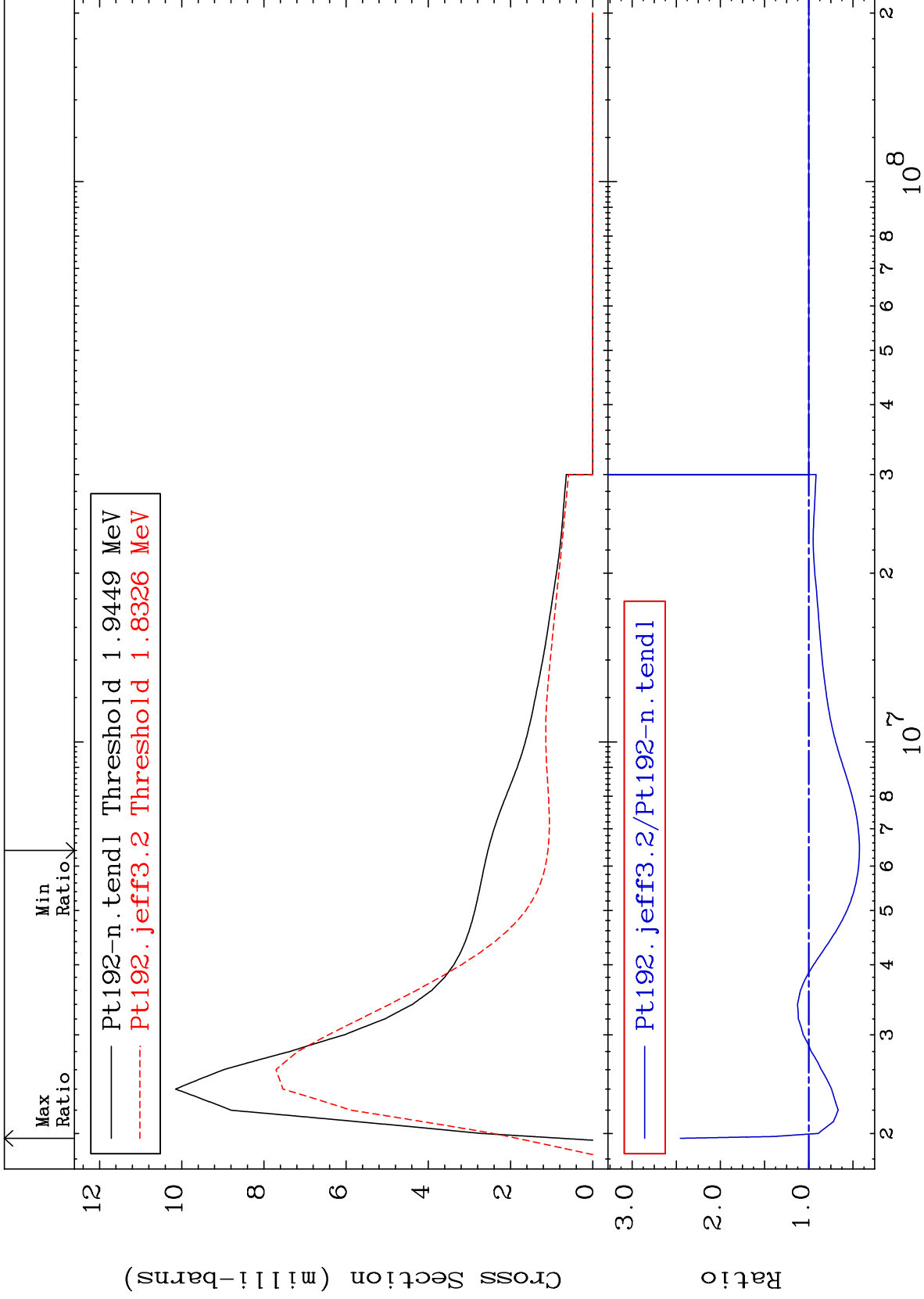
78-Pt-192
-100.0 To 77.76 %



MAT 7831

1.935 MeV (n,n') Level
Cross Section

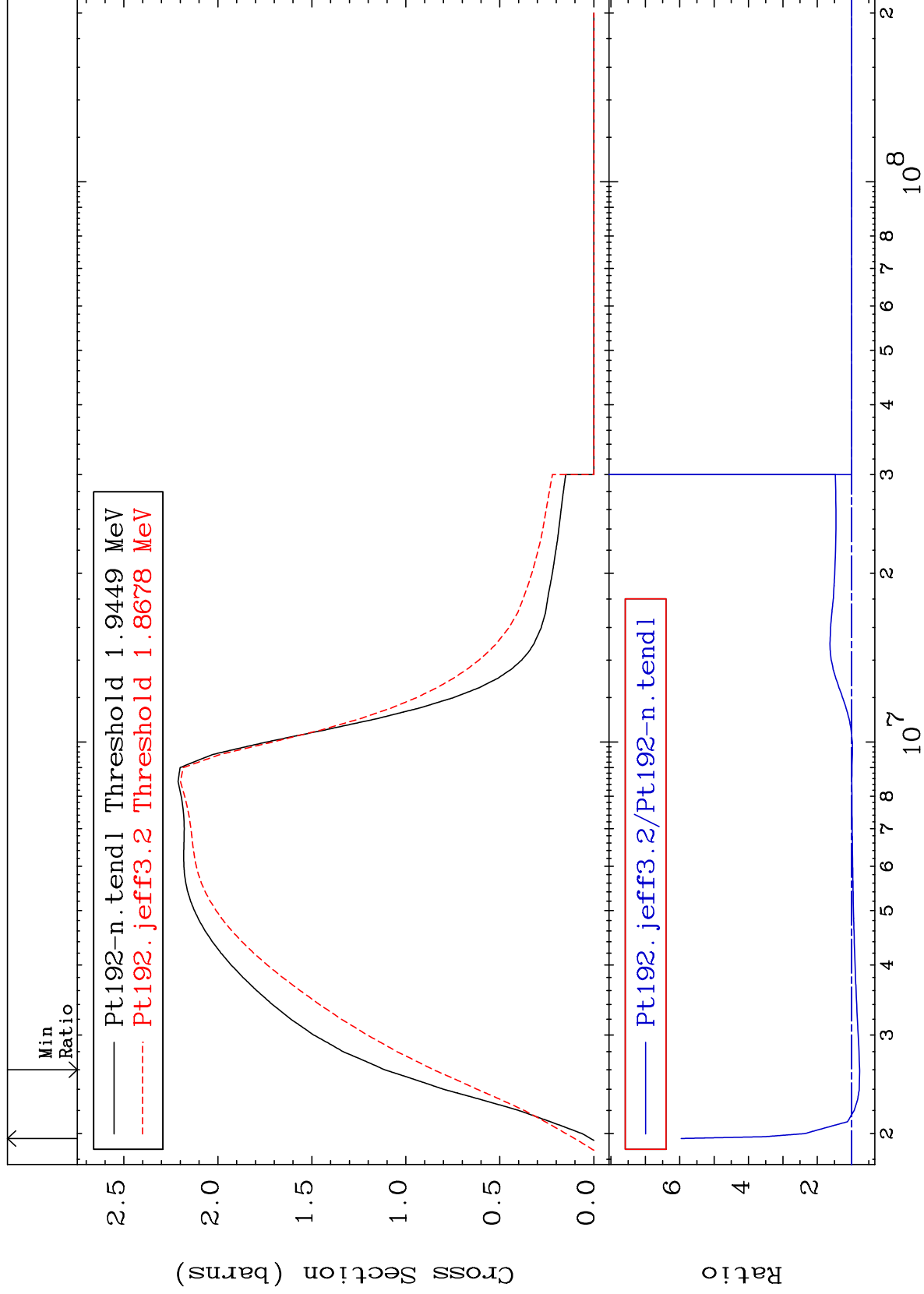
78-Pt-192
-57.26 To 145.4 %



MAT 7831

(n, n') Continuum
Cross Section

78-Pt-192
-23.34 To 495.8 %



49

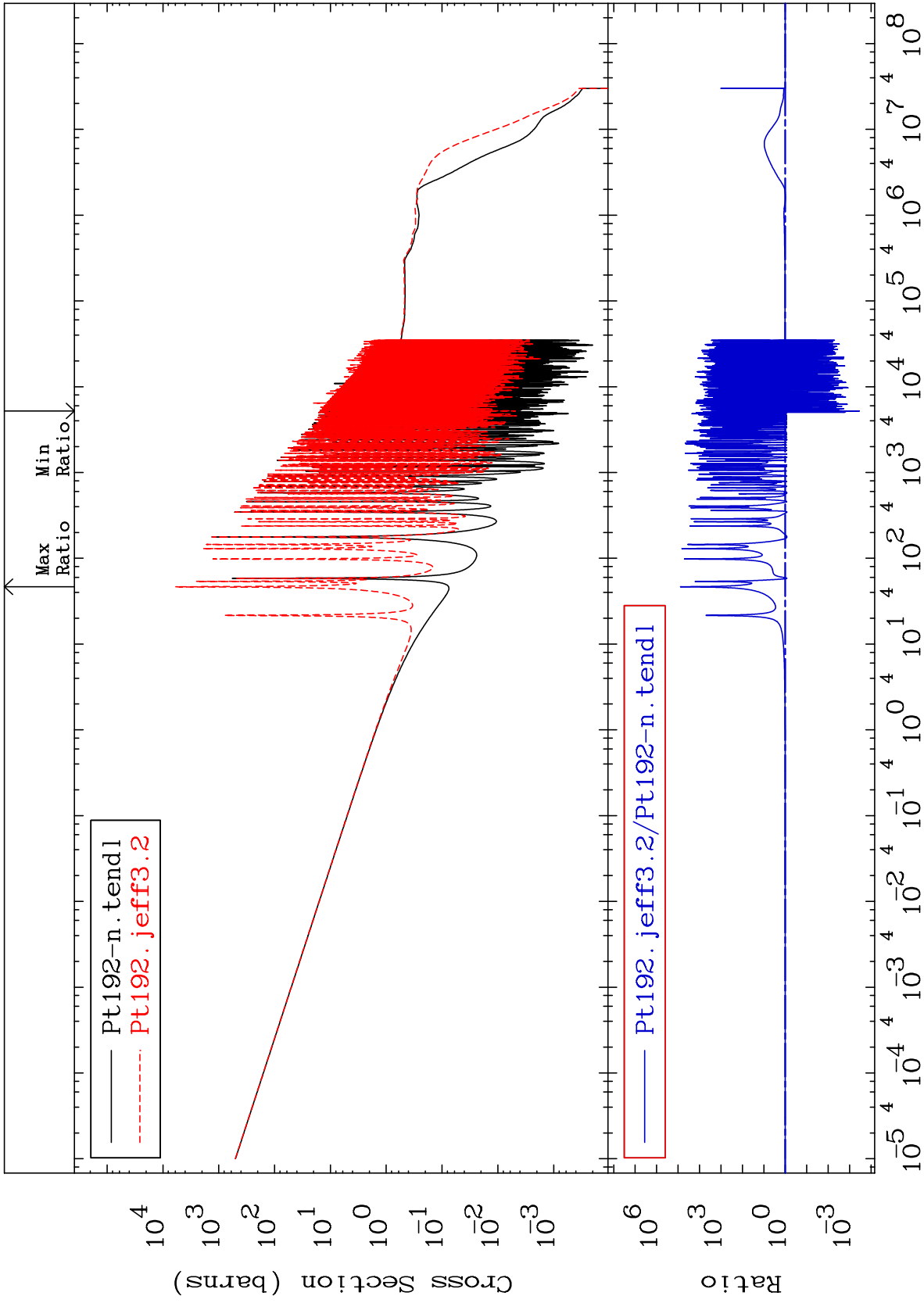
Incident Energy (eV)

78-Pt-192

MAT 7831

(n, γ)
Cross Section

78-Pt-192
-99.97 To 9999. %



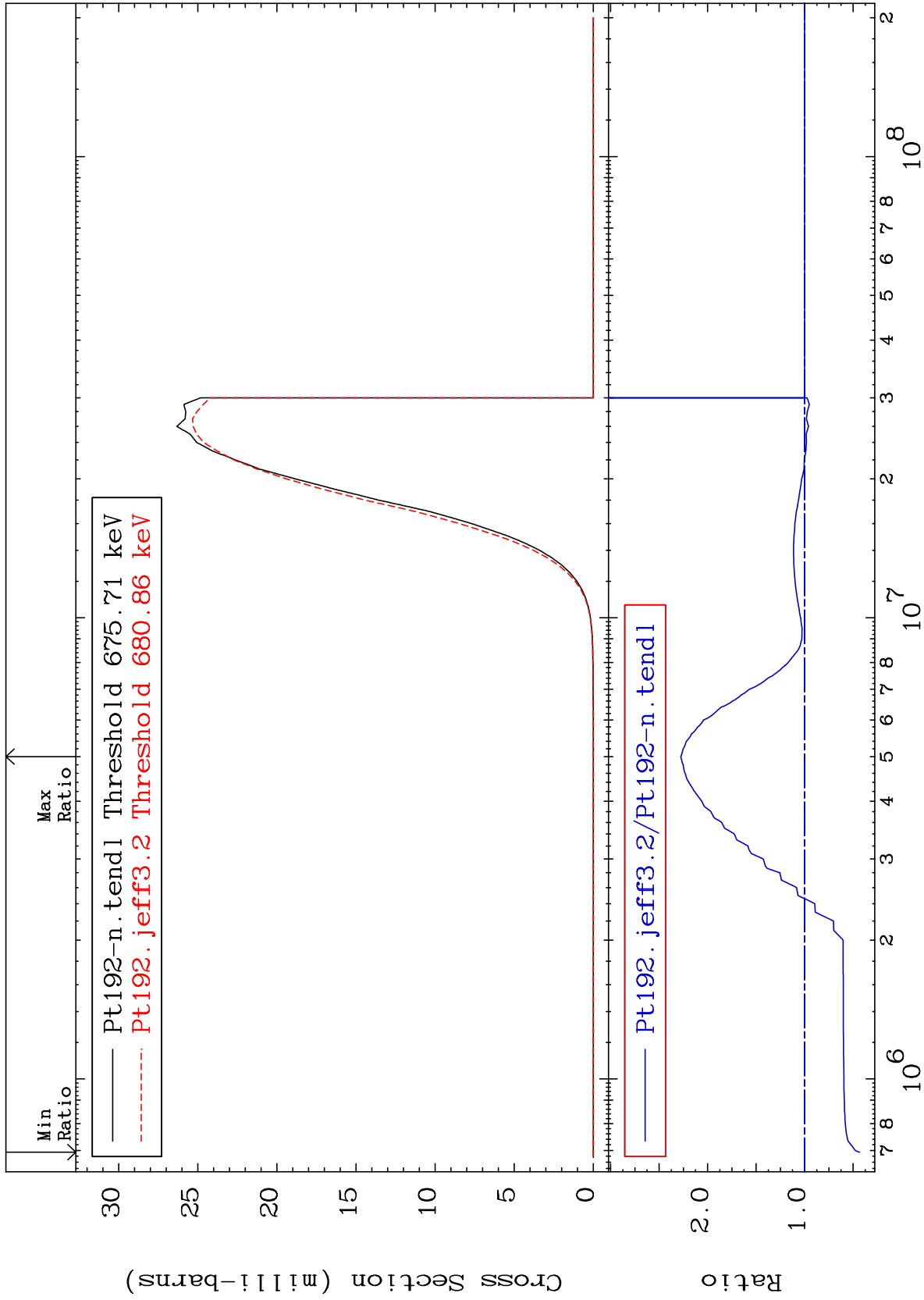
MAT 7831

(n,p)

78-Pt-192

Cross Section

-56.56 To 127.7 %



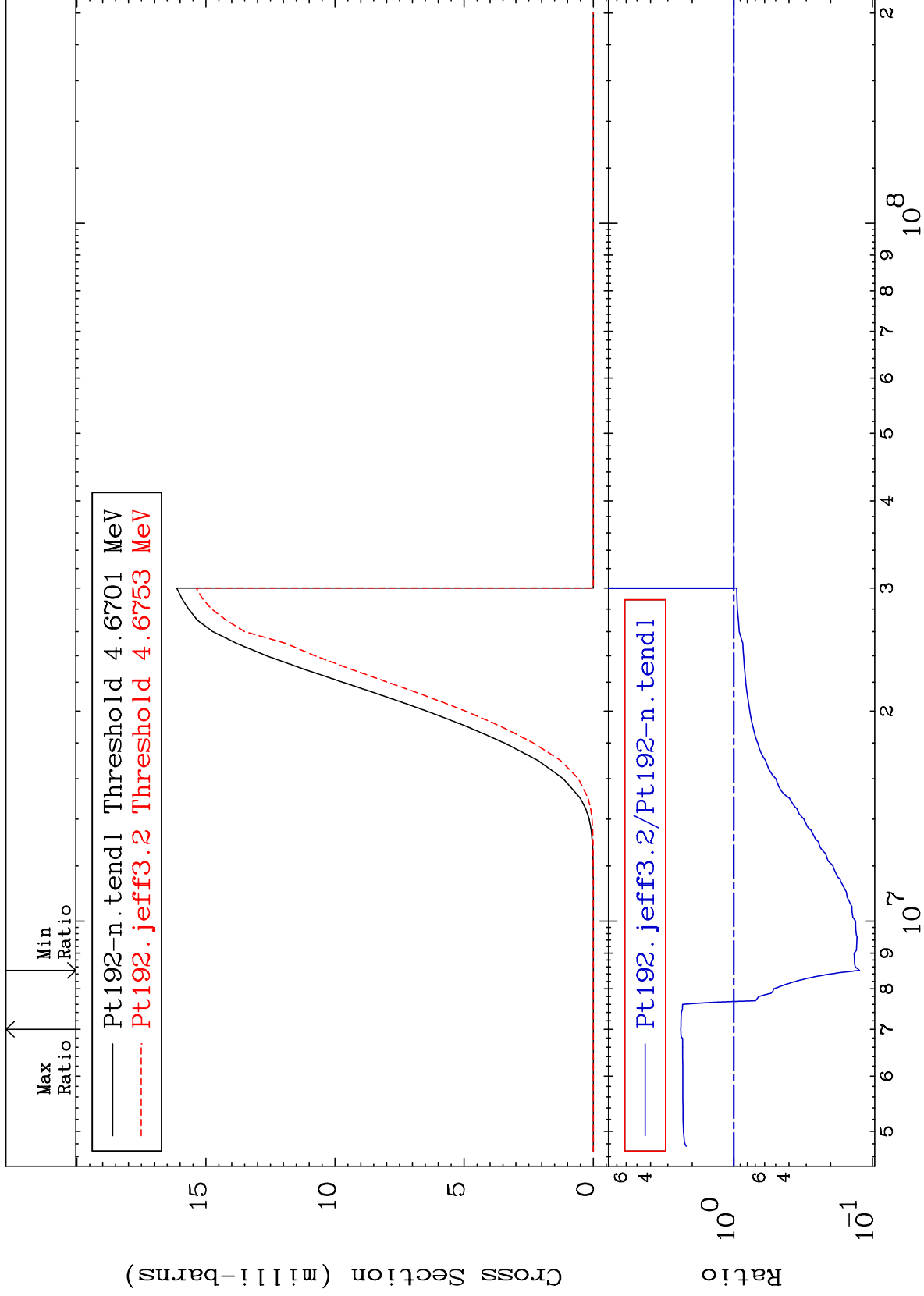
51

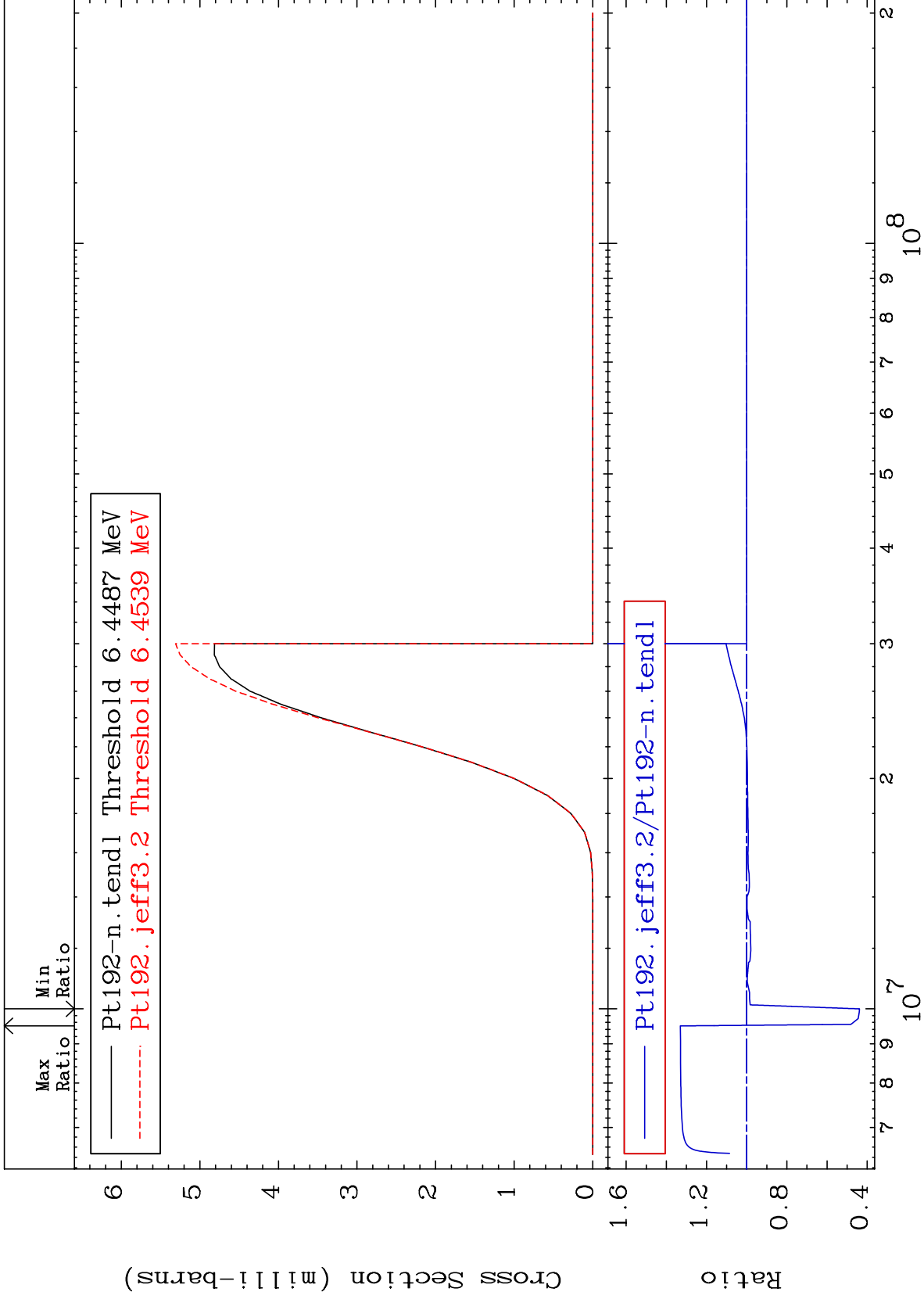
Incident Energy (eV)

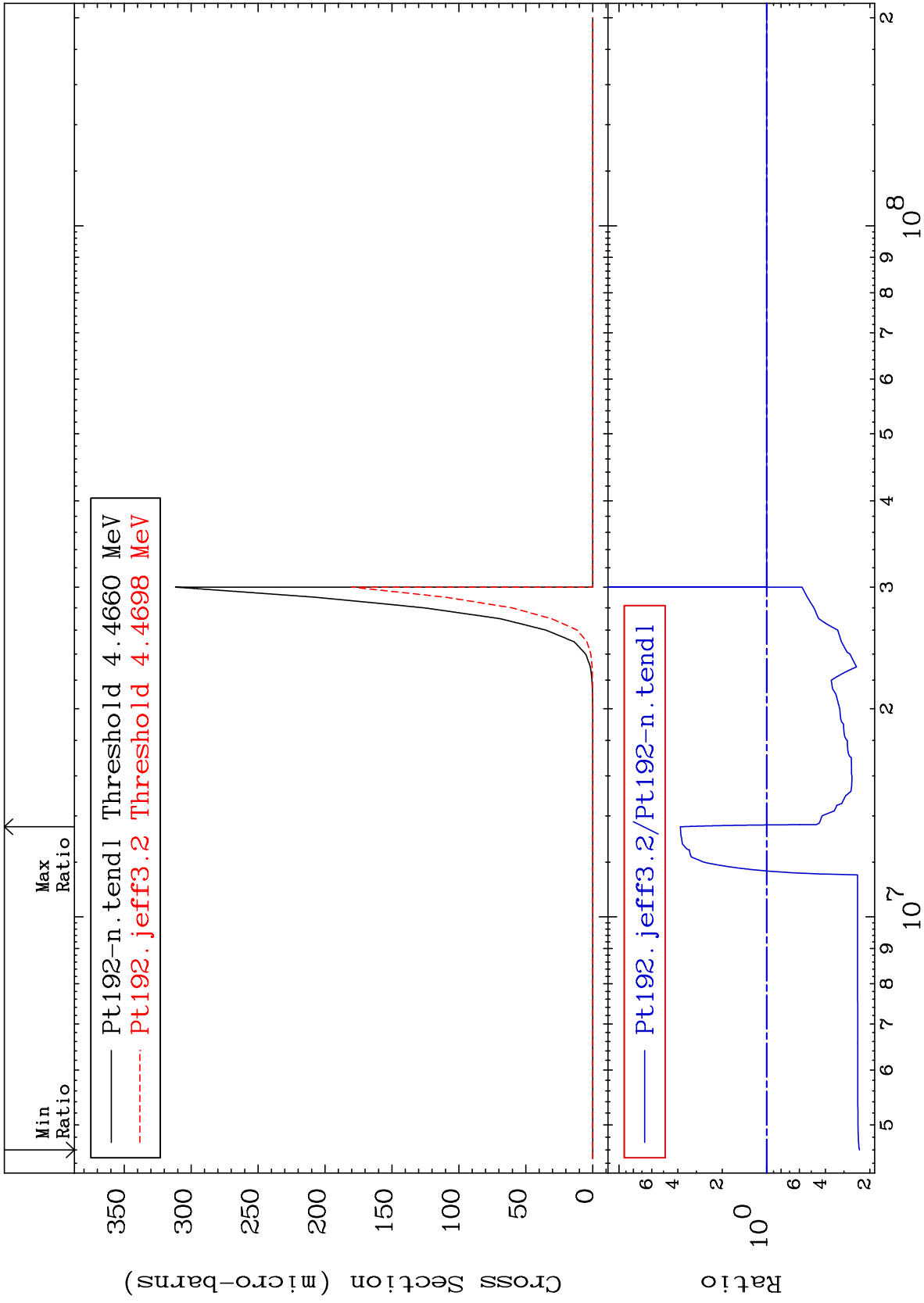
78-Pt-192

Cross Section

-87.62 To 141.9 %





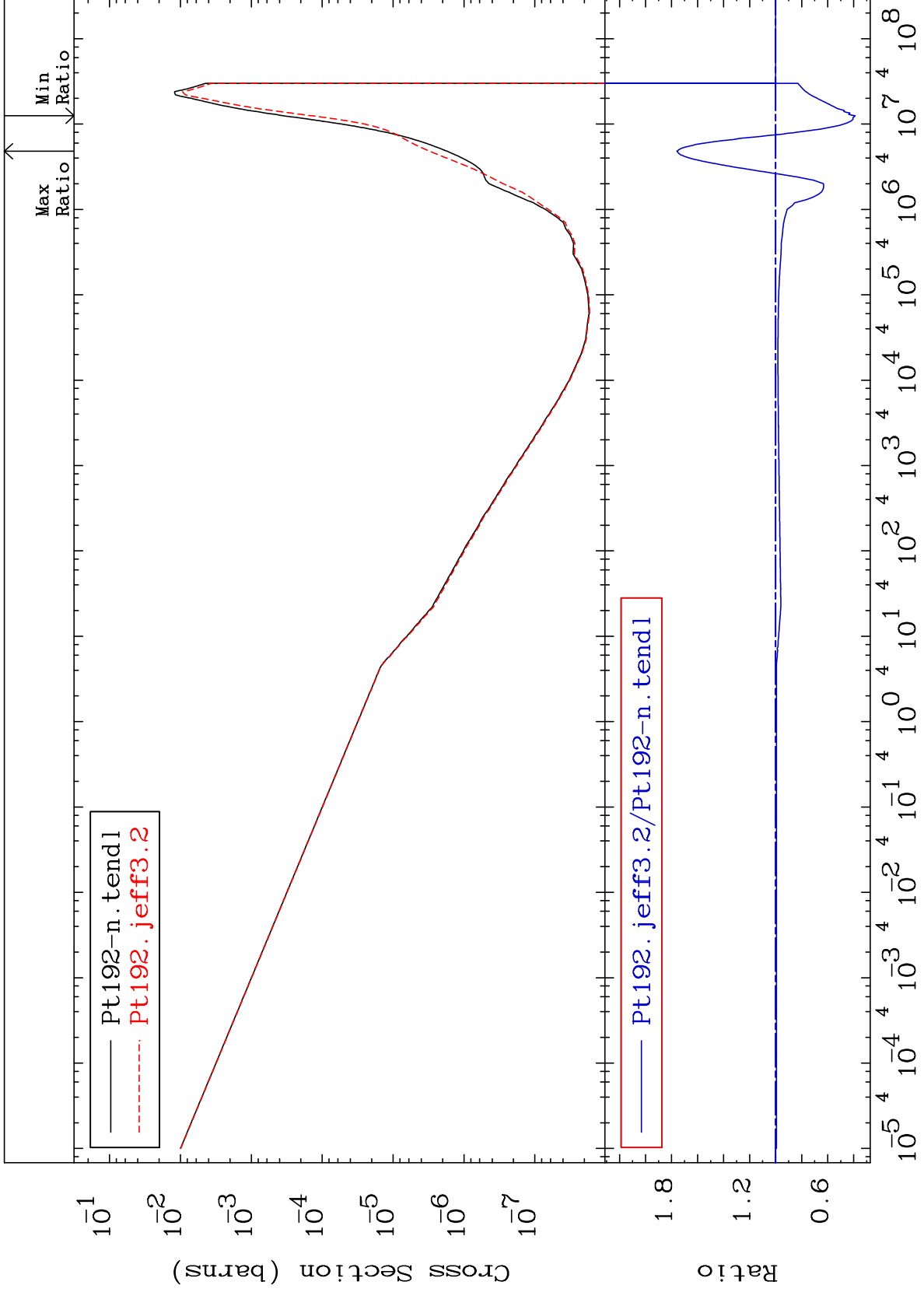


MAT 7831

(n, α)

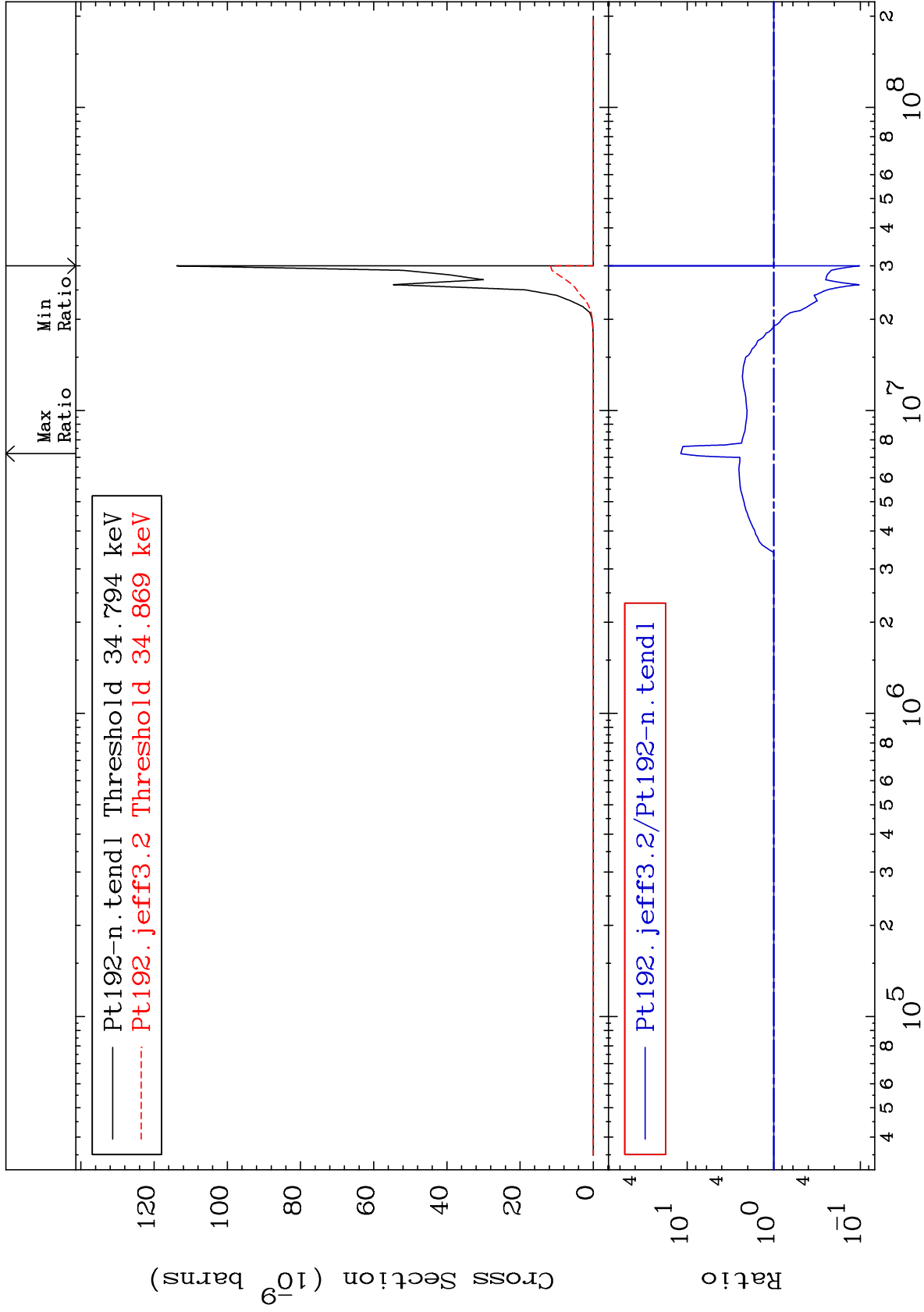
Cross Section

78-Pt-192
-61.05 To 75.88 %



Cross Section

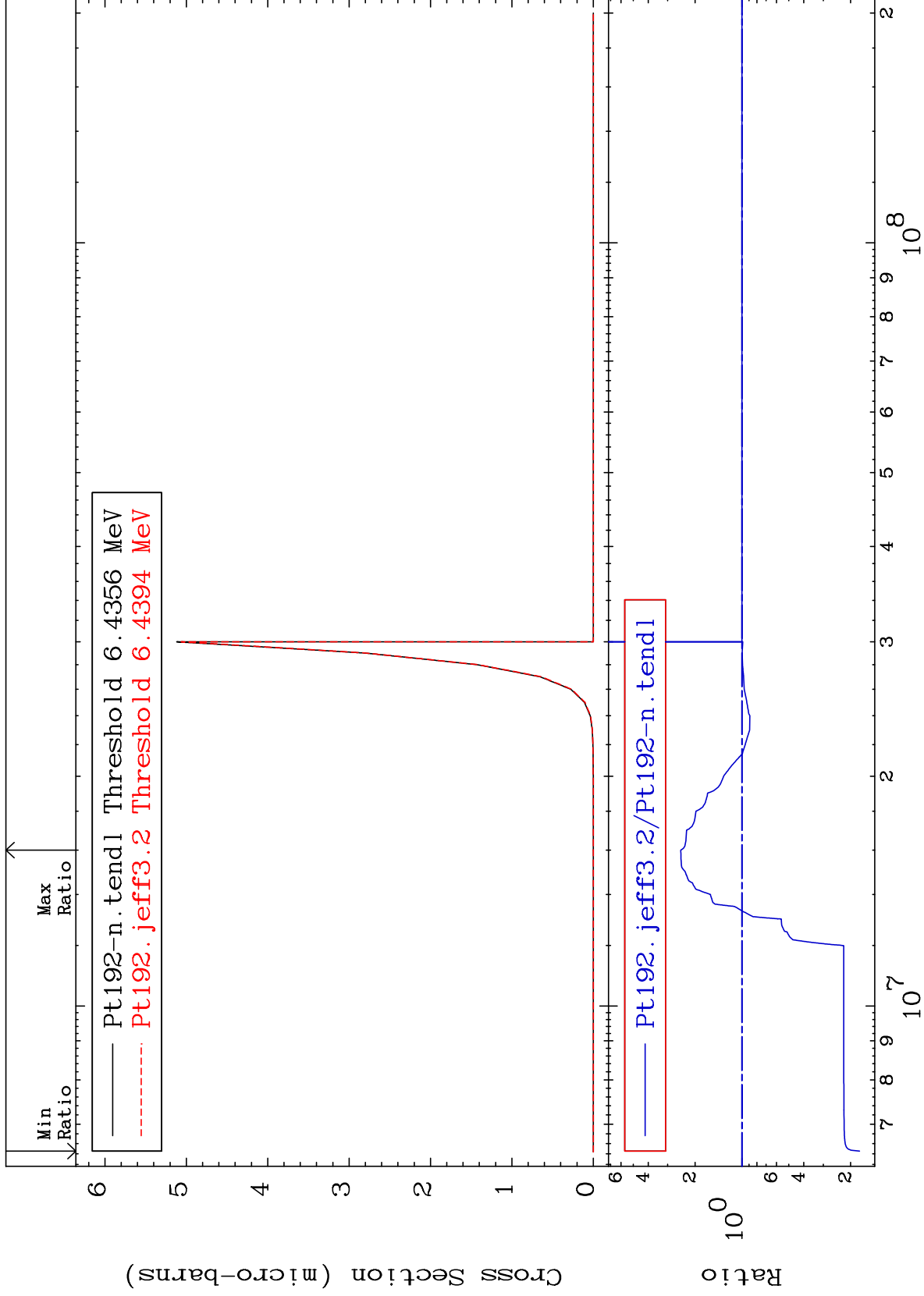
-89.78 To 1089. %



MAT 7831

(n,2p)
Cross Section

78-Pt-192
-82.47 To 147.3 %



57

78-Pt-192

78-Pt-192

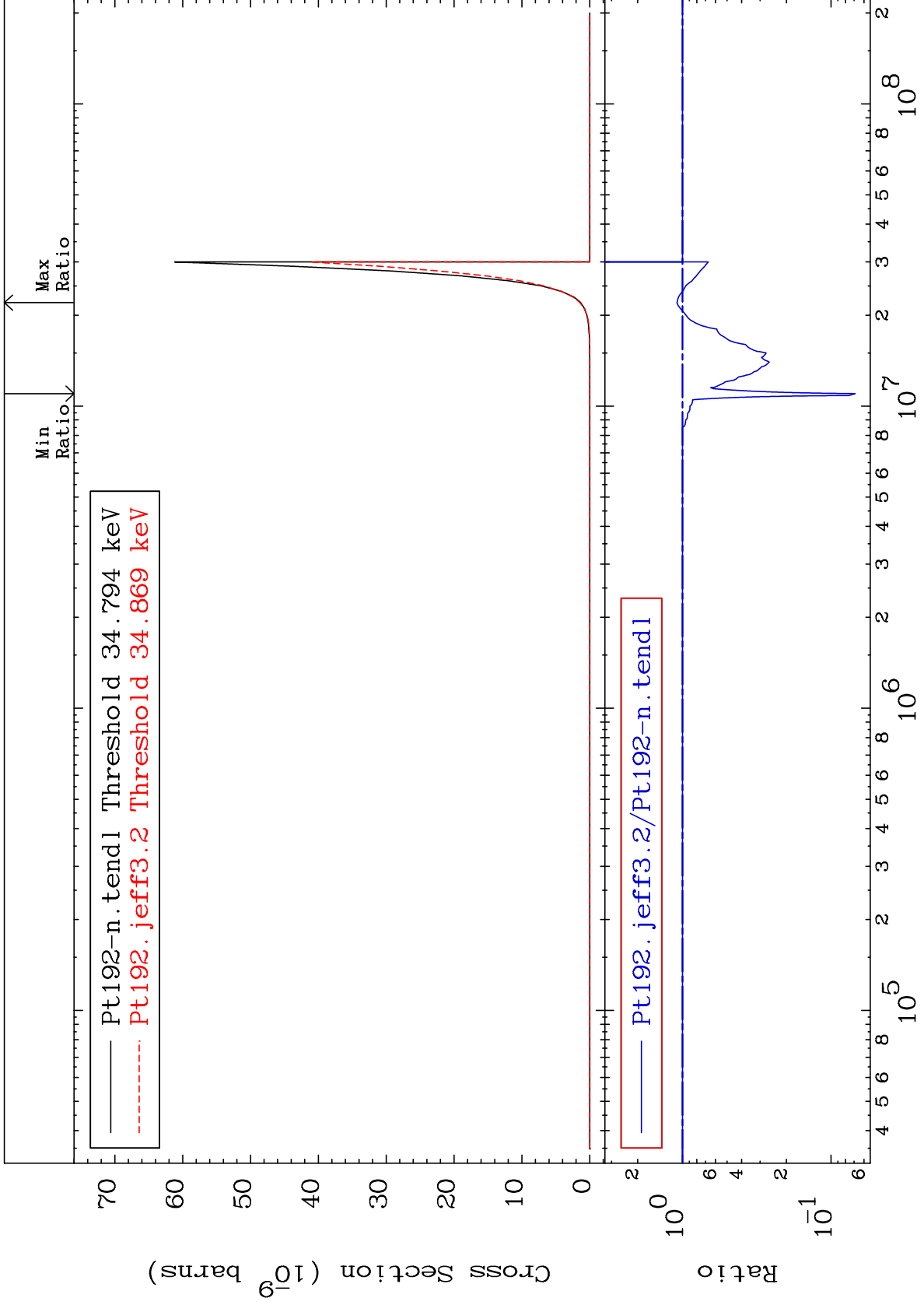
MAT 7831

(n, p) α

Cross Section

78-Pt-192

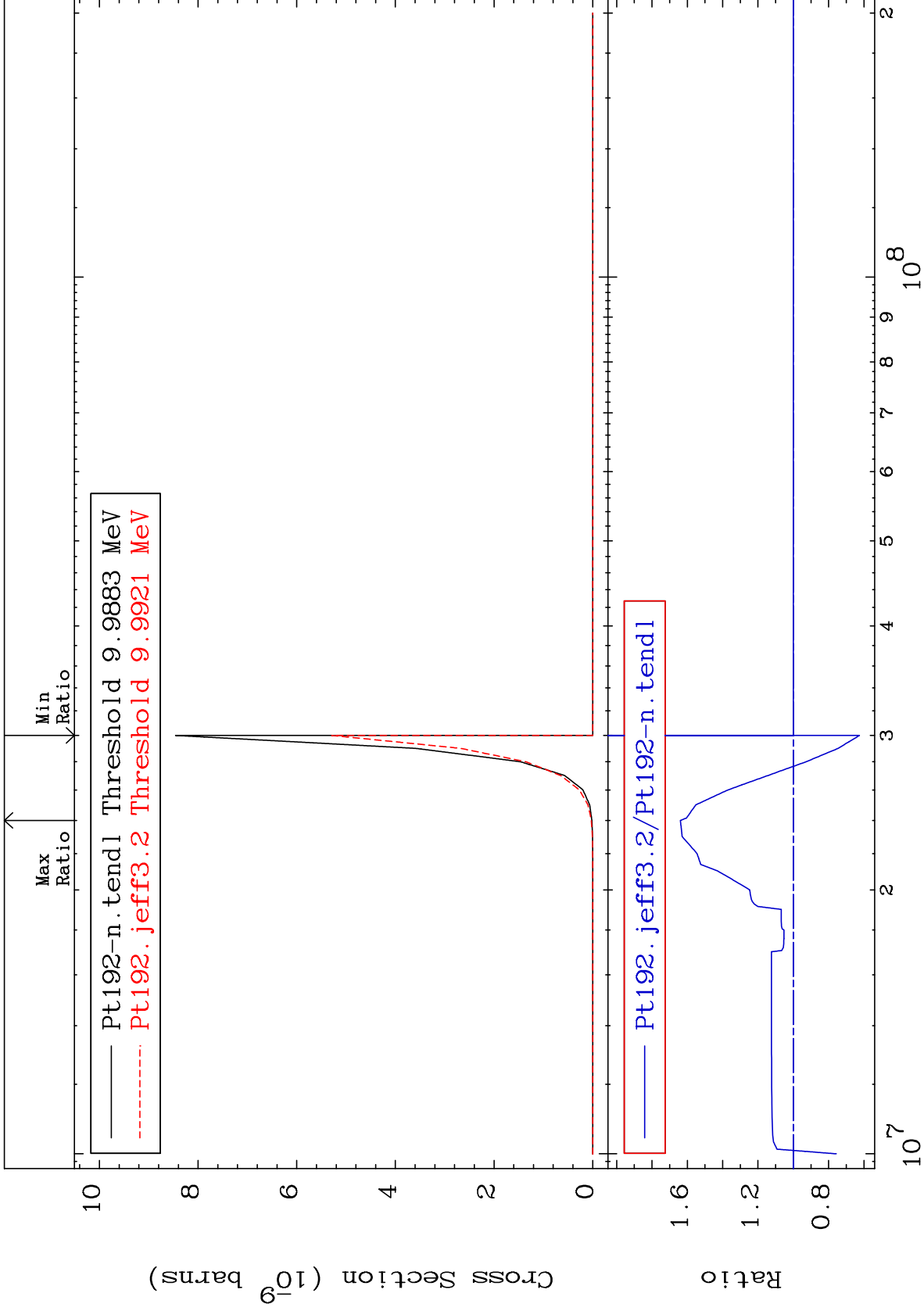
-93.10 To 8.913 %



MAT 7831

(n,p) d
Cross Section

78-Pt-192
-37.44 To 63.94 %



59

Incident Energy (eV)

78-Pt-192

MAT 7831

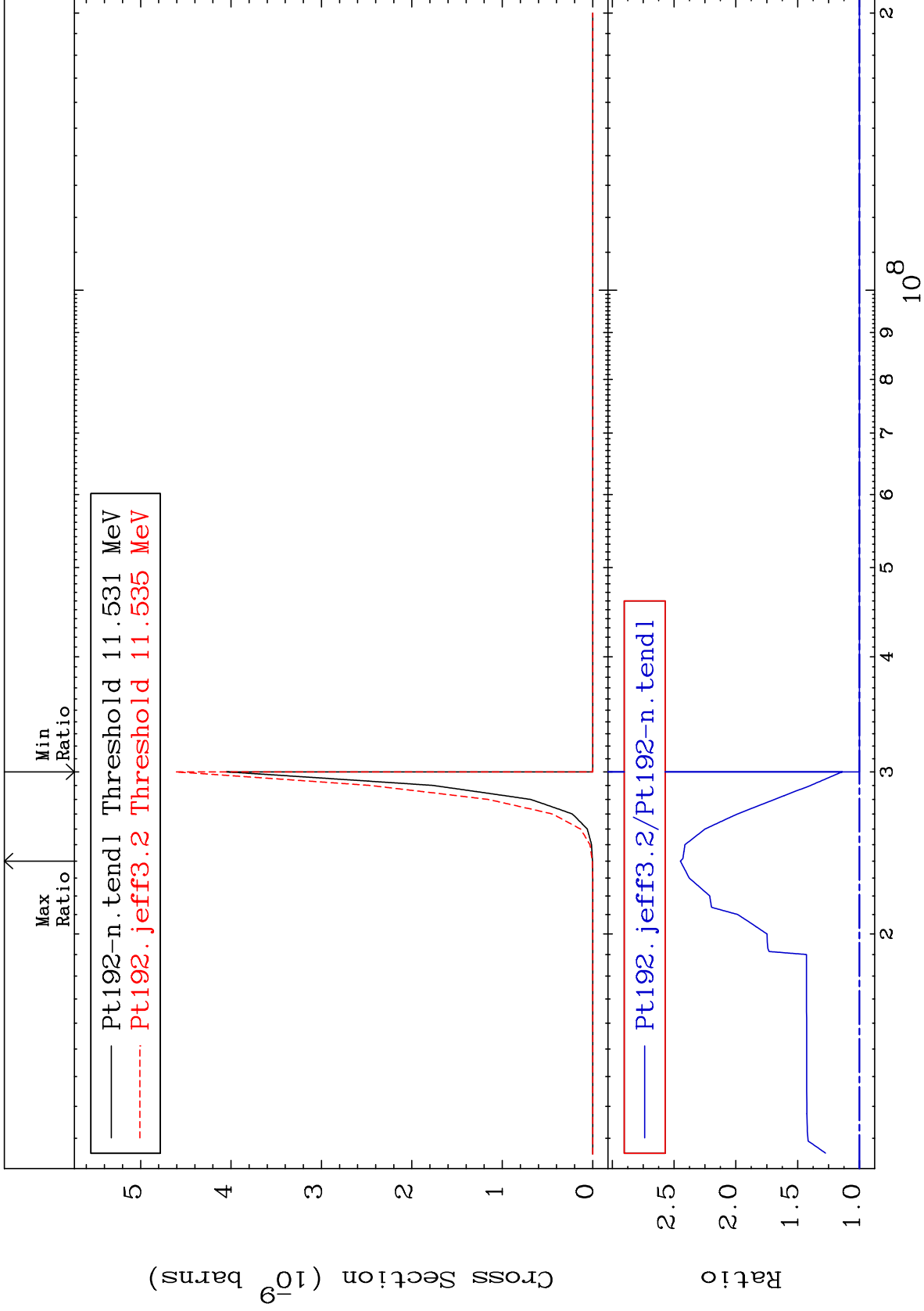
(n,p) t

78-Pt-192

Cross Section

0.000

To 144.9 %



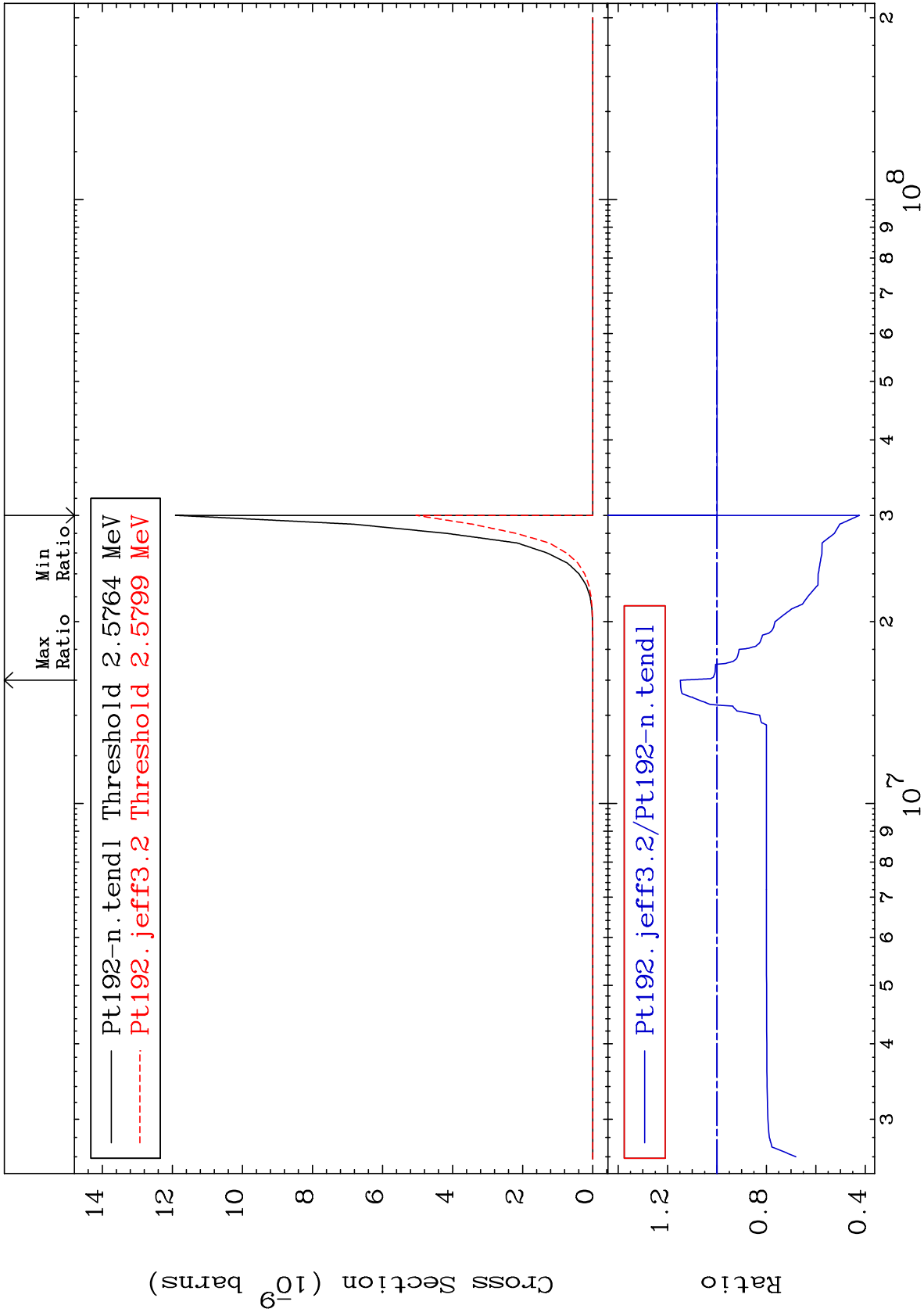
60

Incident Energy (eV)

78-Pt-192

MAT 7831

(n,d) α
Cross Section
78-Pt-192
-57.66 To 14.81 %



61

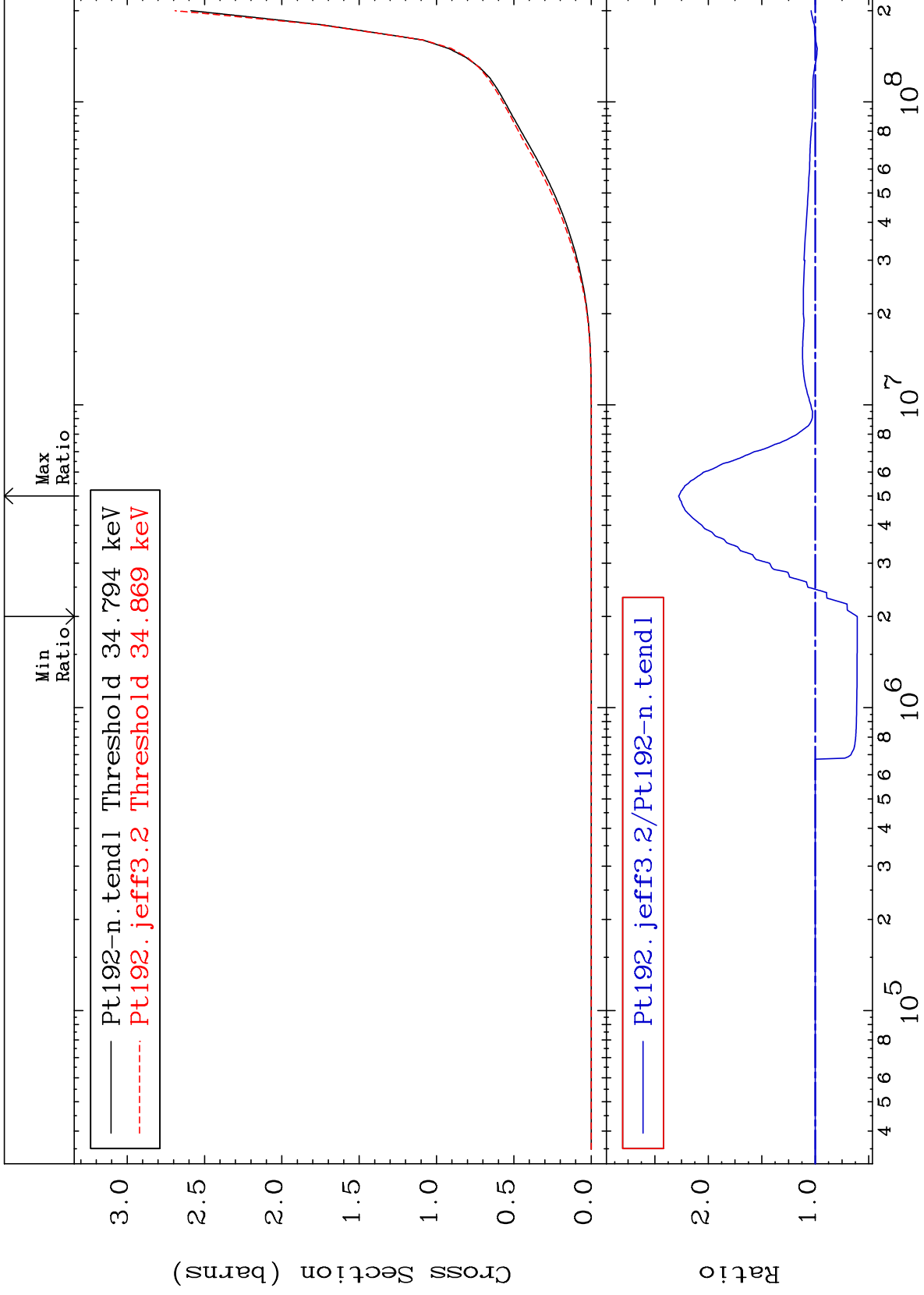
Incident Energy (eV)

78-Pt-192

MAT 7831

Hydrogen Production
Cross Section

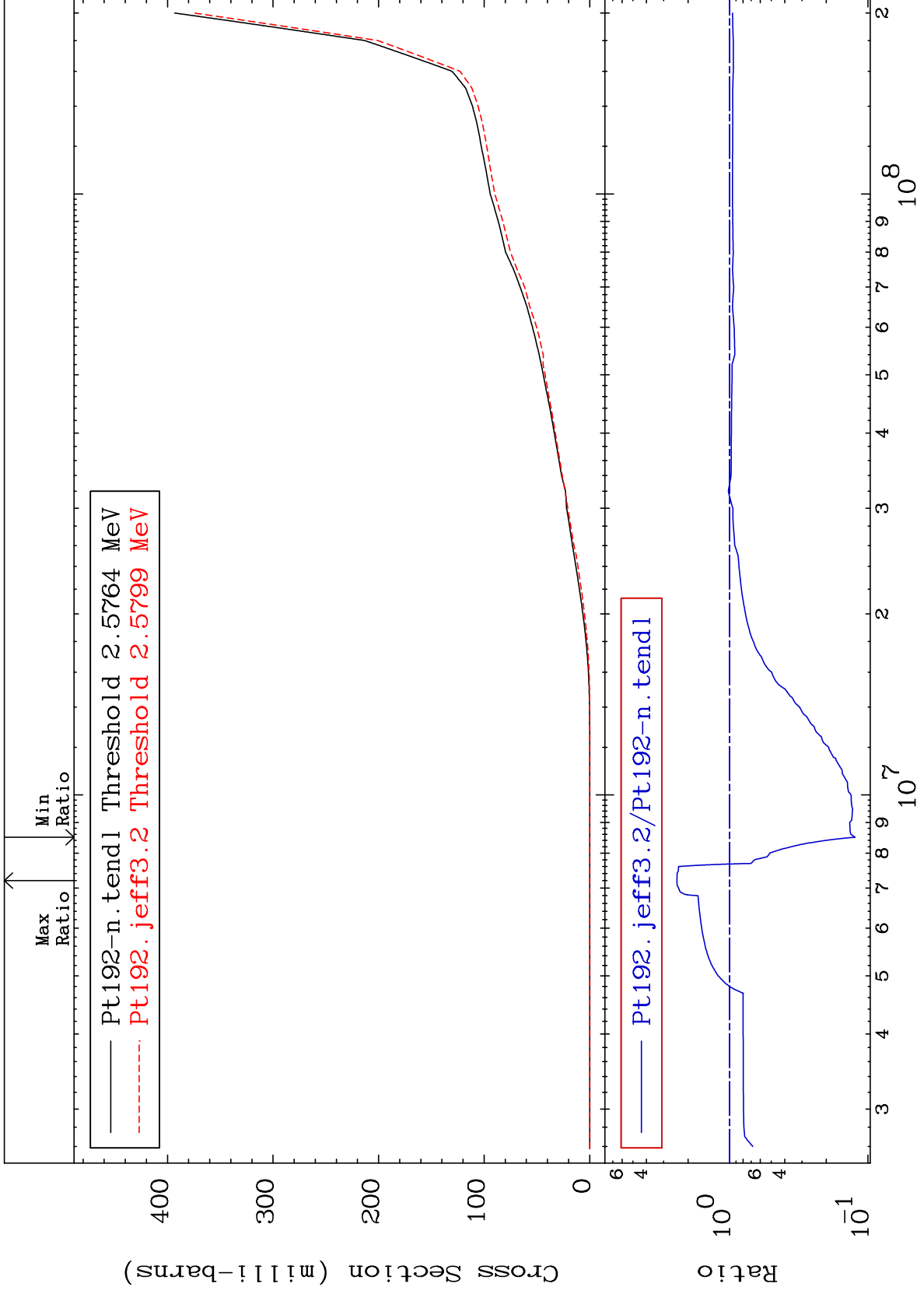
78-Pt-192
-39.24 To 127.7 %



MAT 7831

Deuterium Production
Cross Section

78-Pt-192
-87.62 To 140.6 %



63

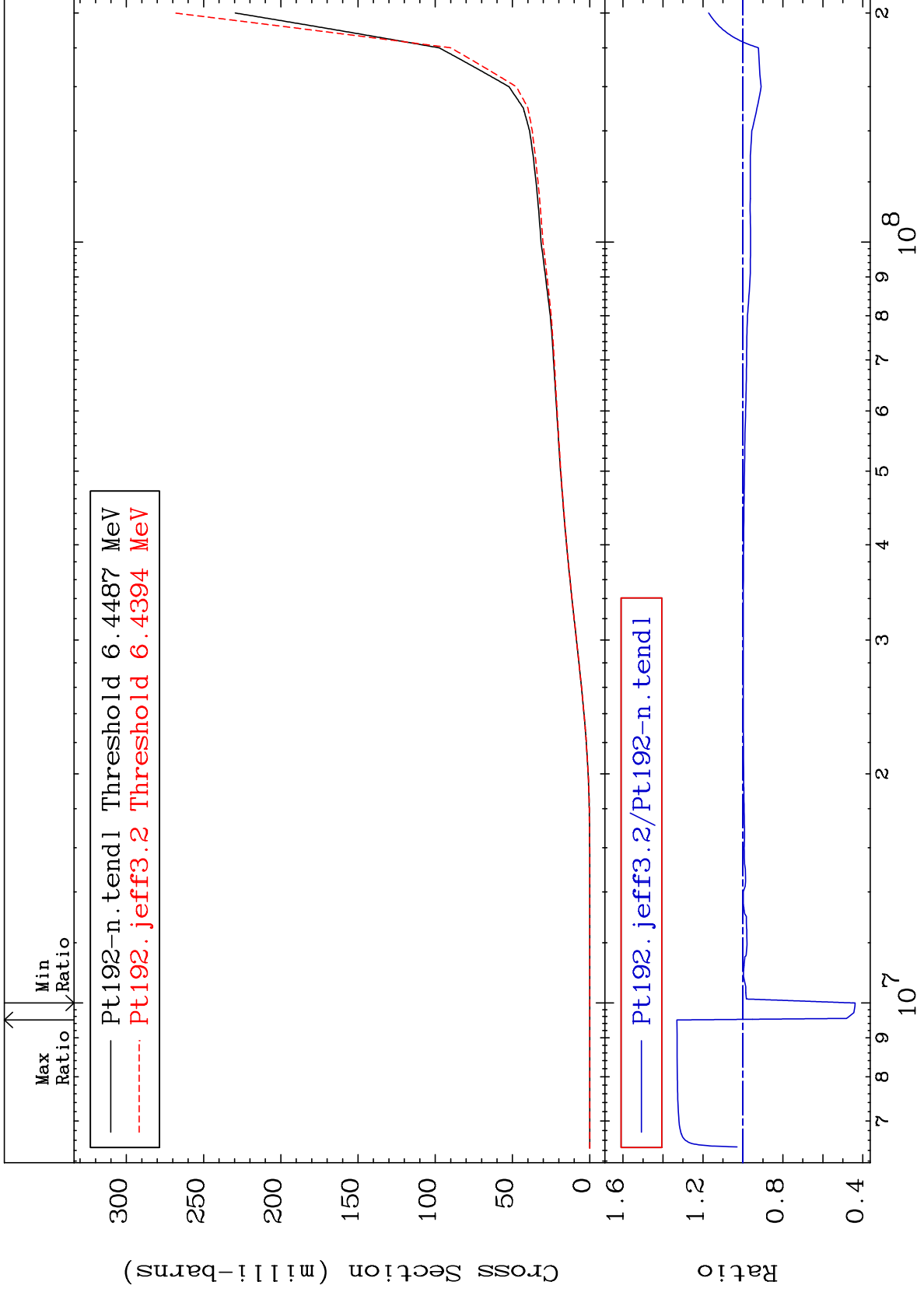
Incident Energy (eV)

78-Pt-192

MAT 7831

Tritium Production
Cross Section

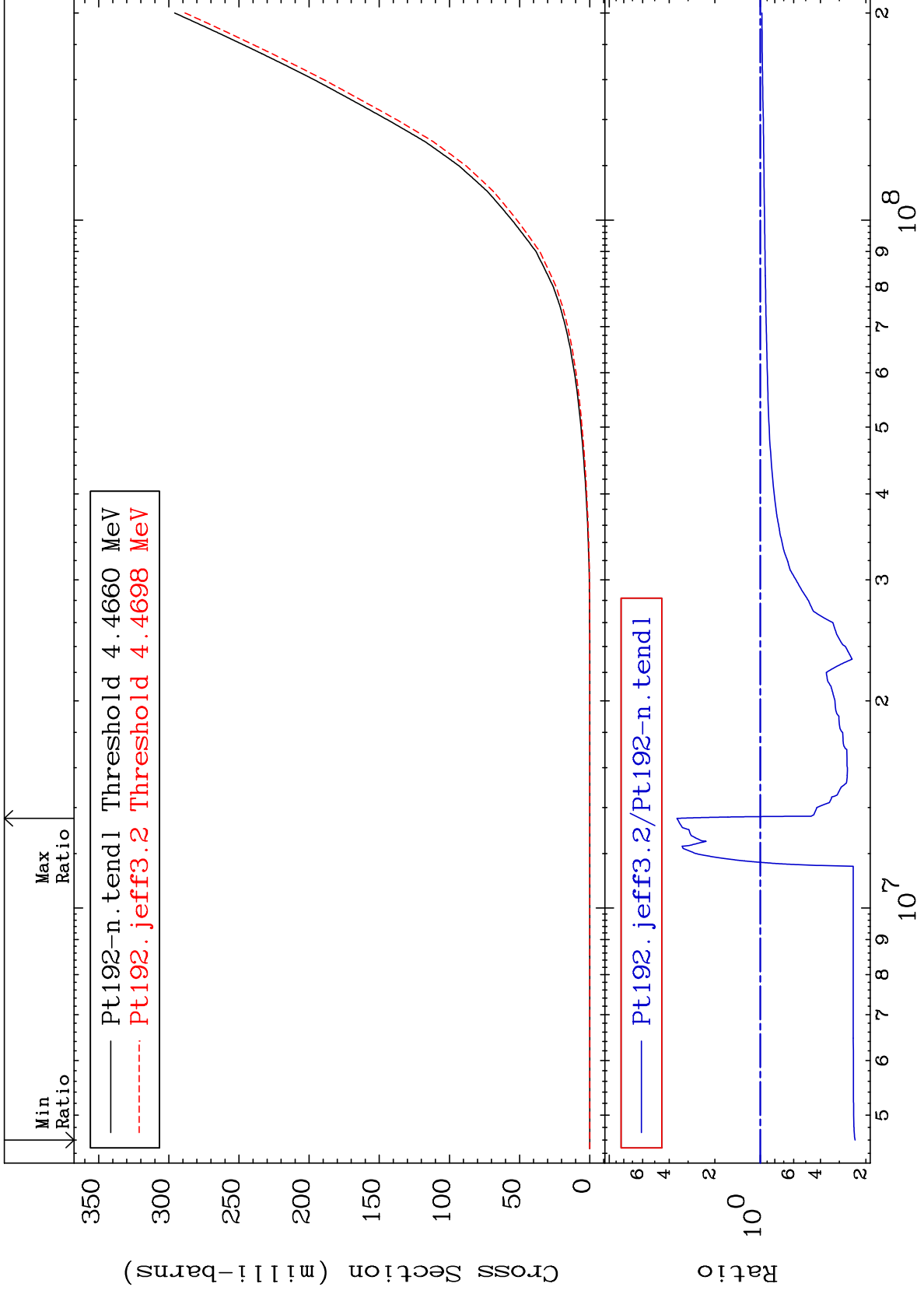
78-Pt-192
-56.14 To 33.03 %



MAT 7831

He-3 Production
Cross Section

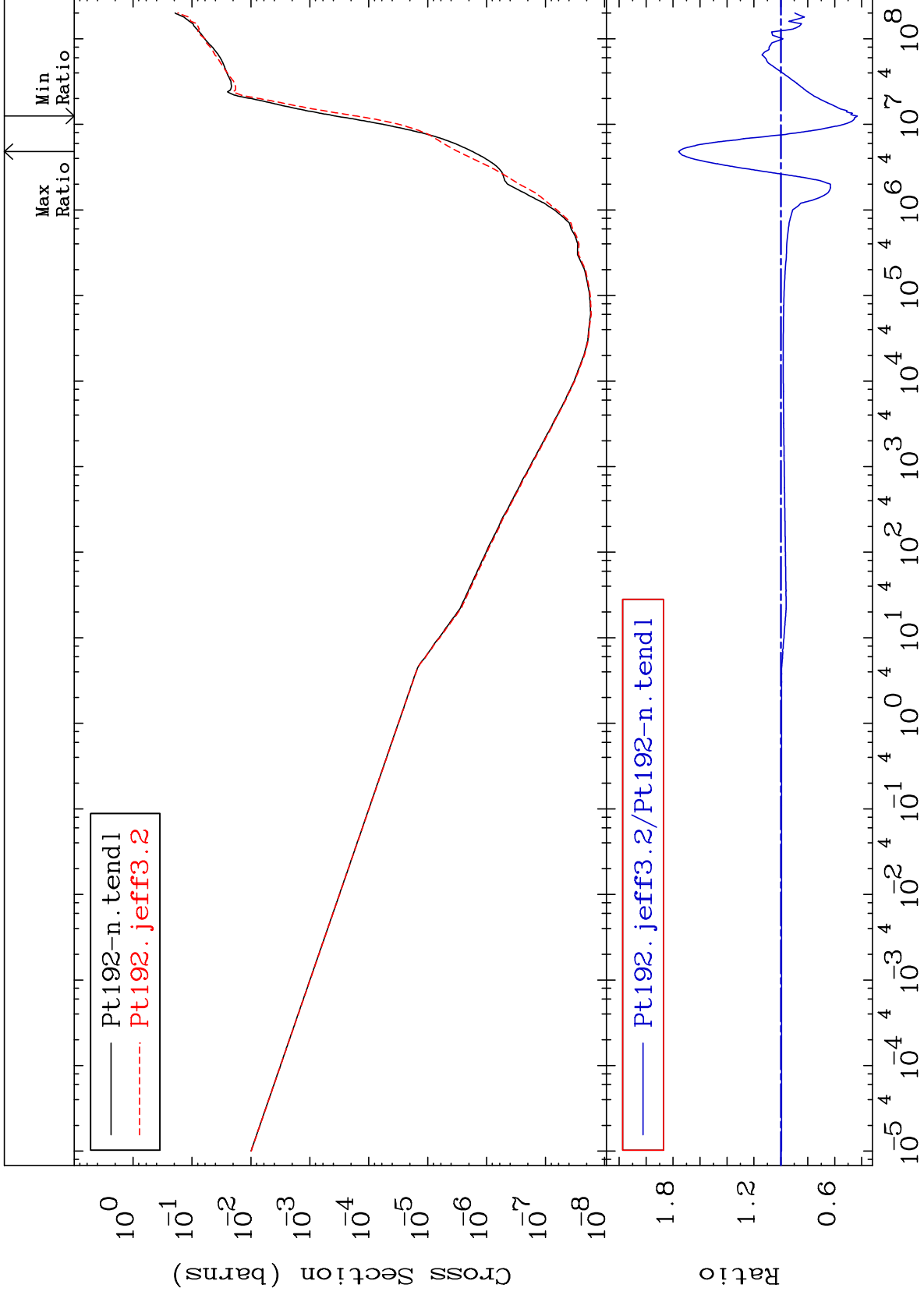
78-Pt-192
-76.45 To 256.0 %



MAT 7831

He-4 Production
Cross Section

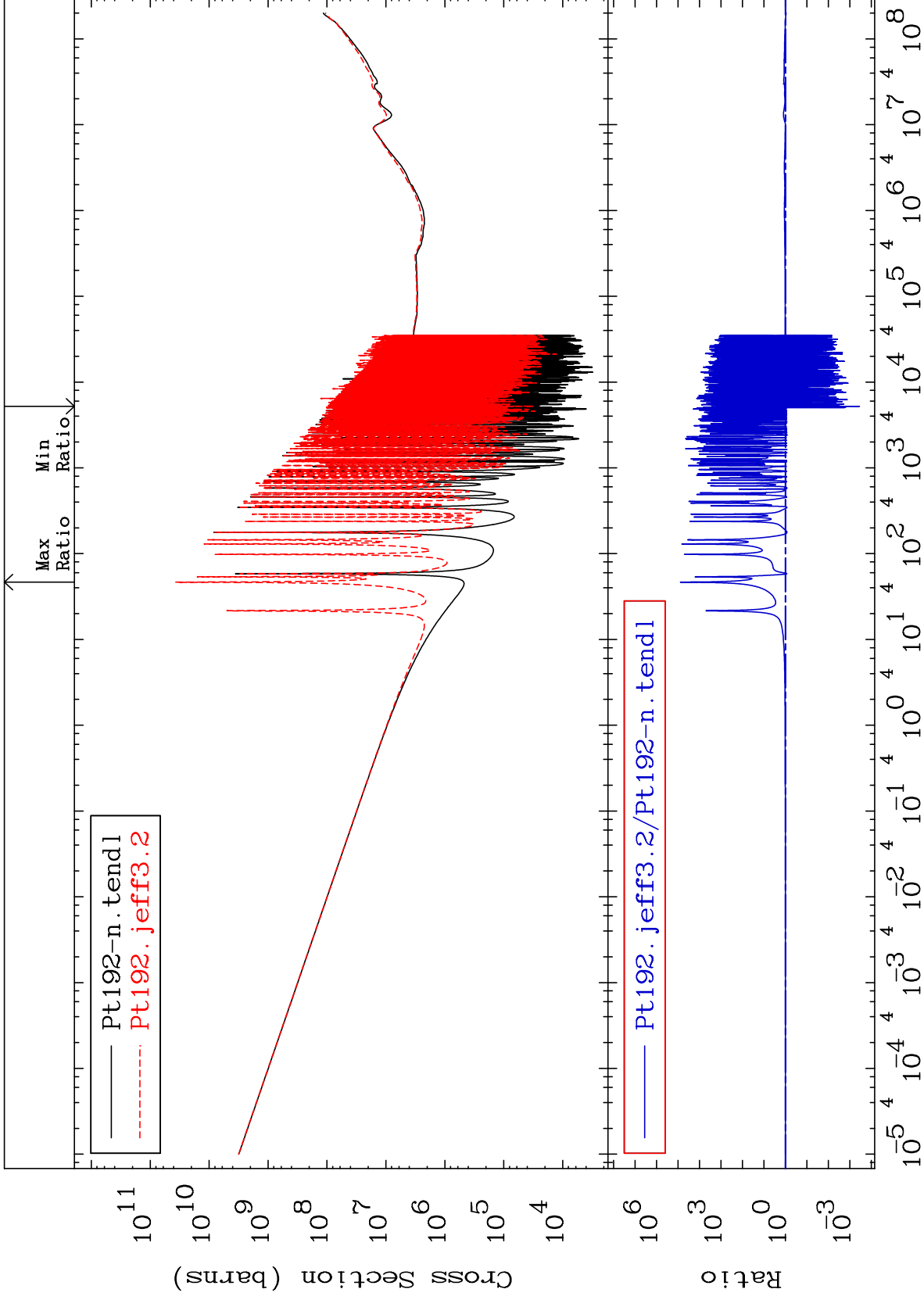
78-Pt-192
-56.73 To 75.86 %



66

Incident Energy (eV)

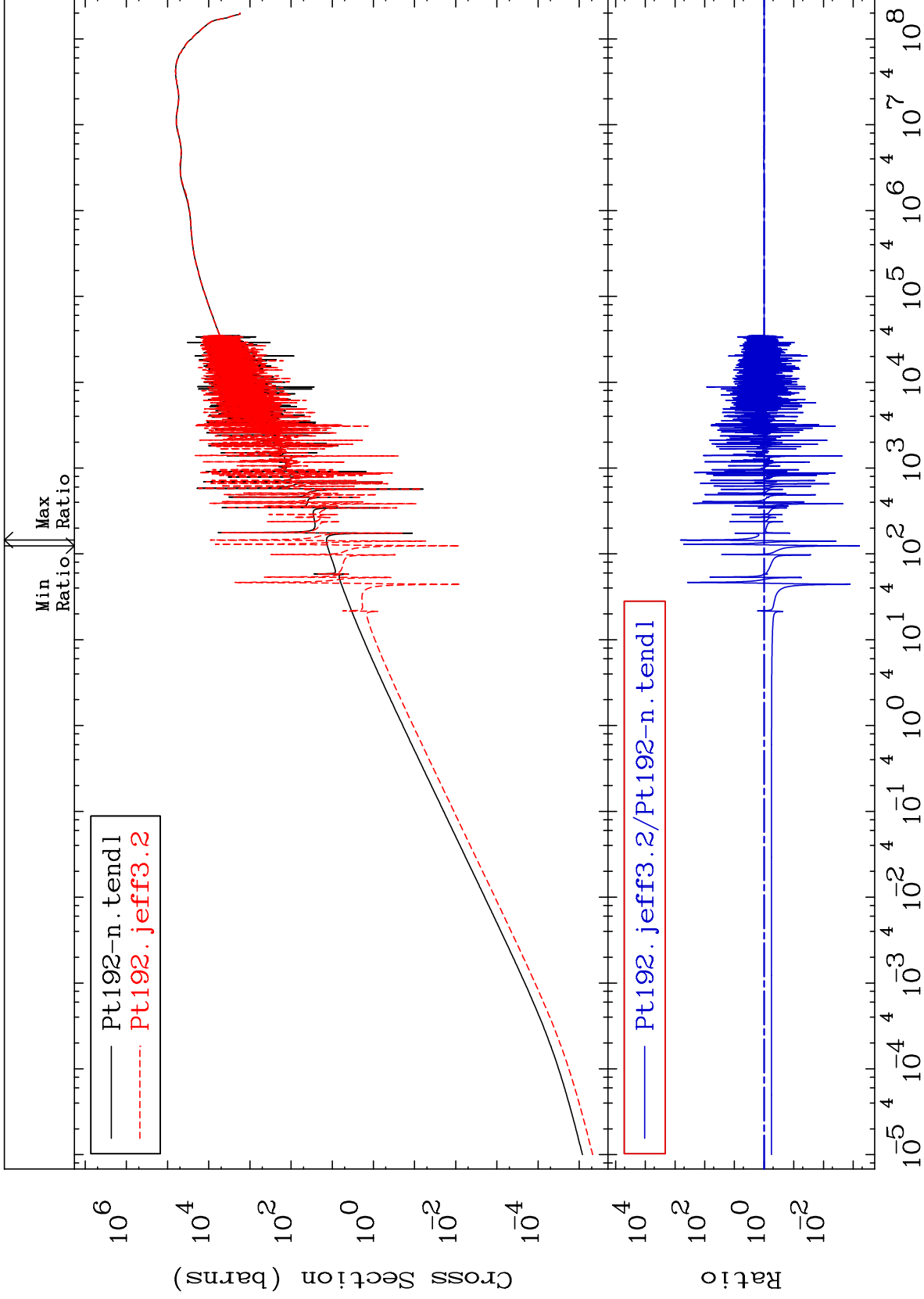
78-Pt-192

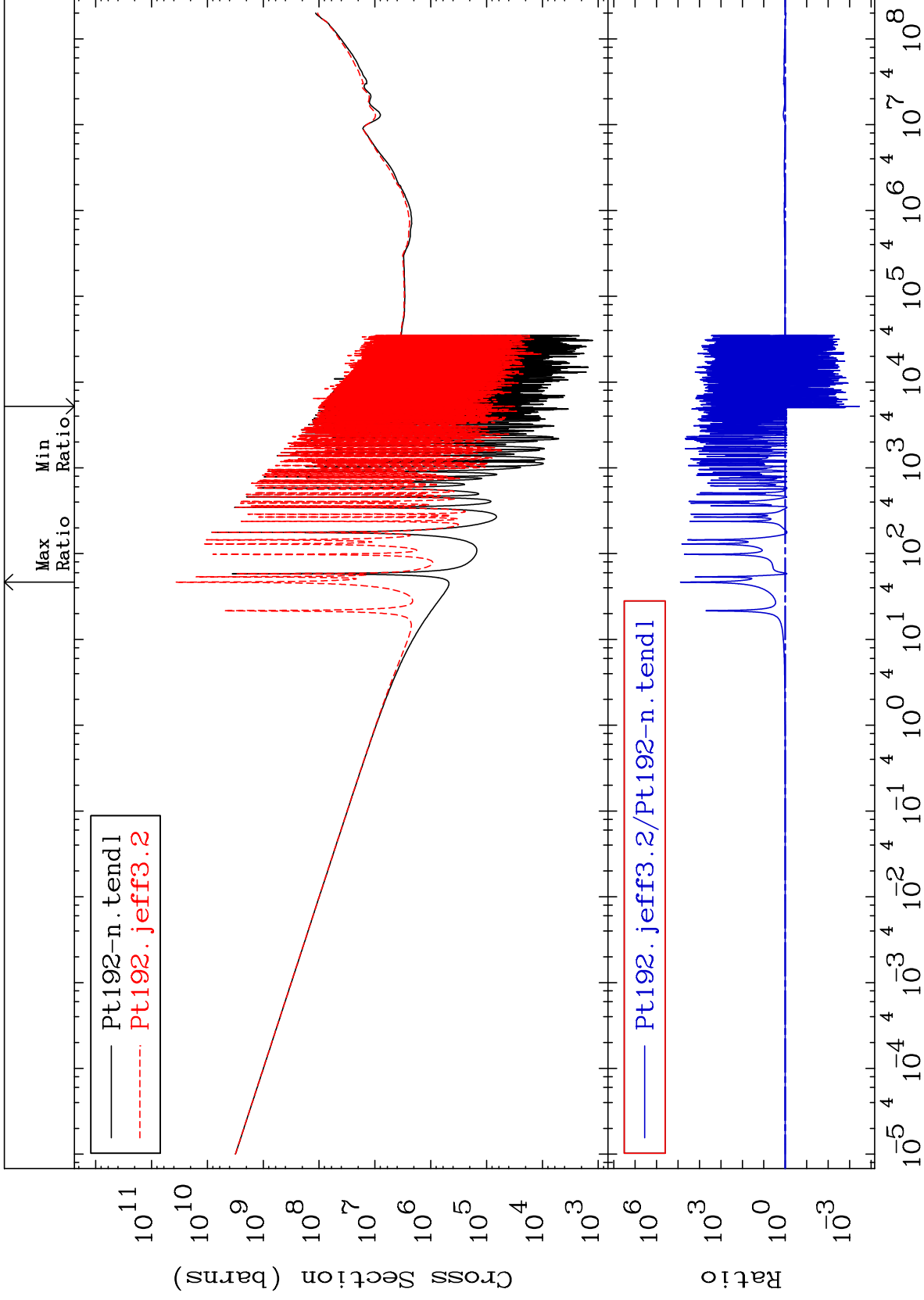


MAT 7831

Kerma elastic
Cross Section

78-Pt-192
-99.94 To 9999. %

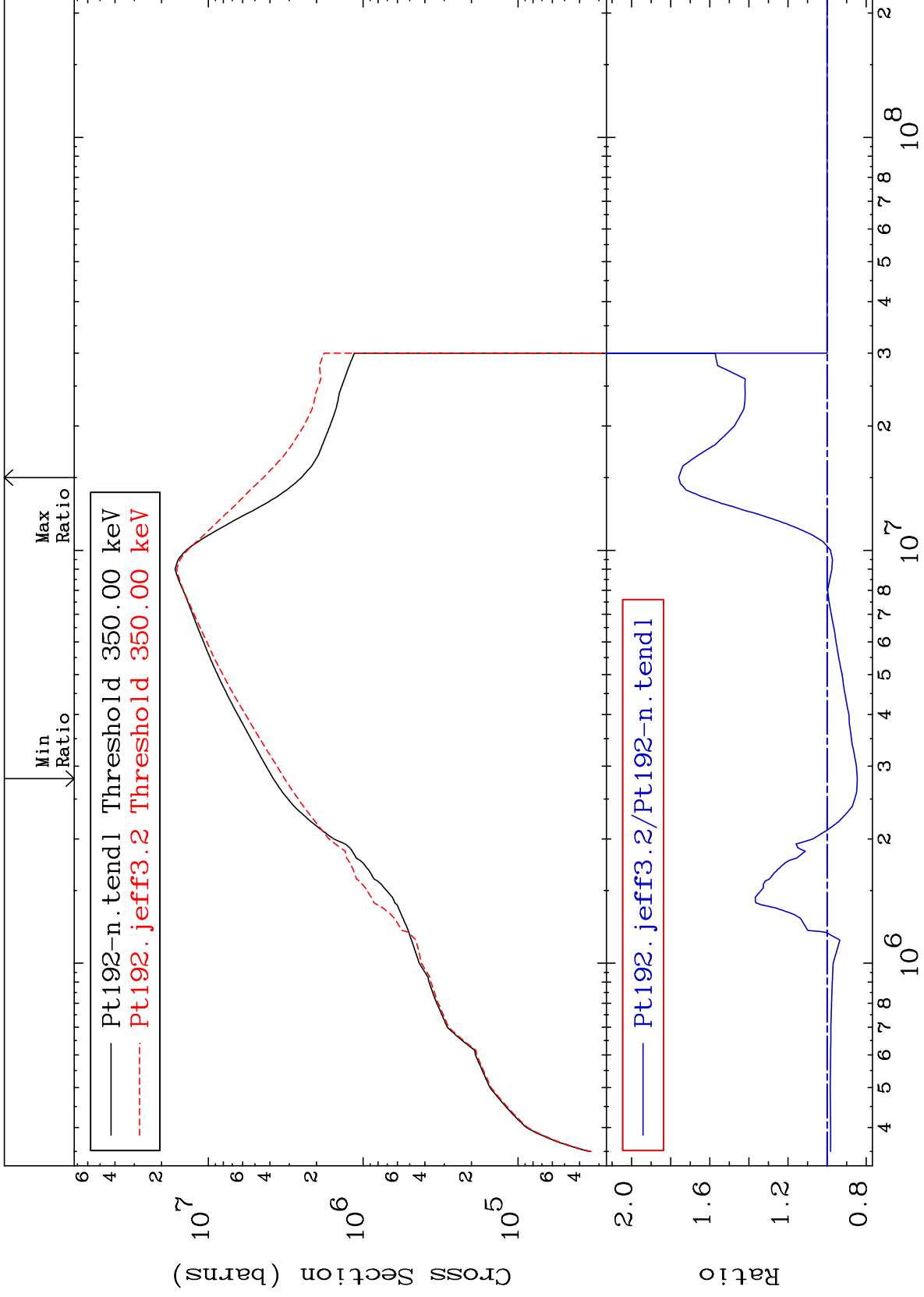




MAT 7831

Kerma inelastic (mt51-91)
Cross Section

78-Pt-192
-15.46 To 75.89 %



70

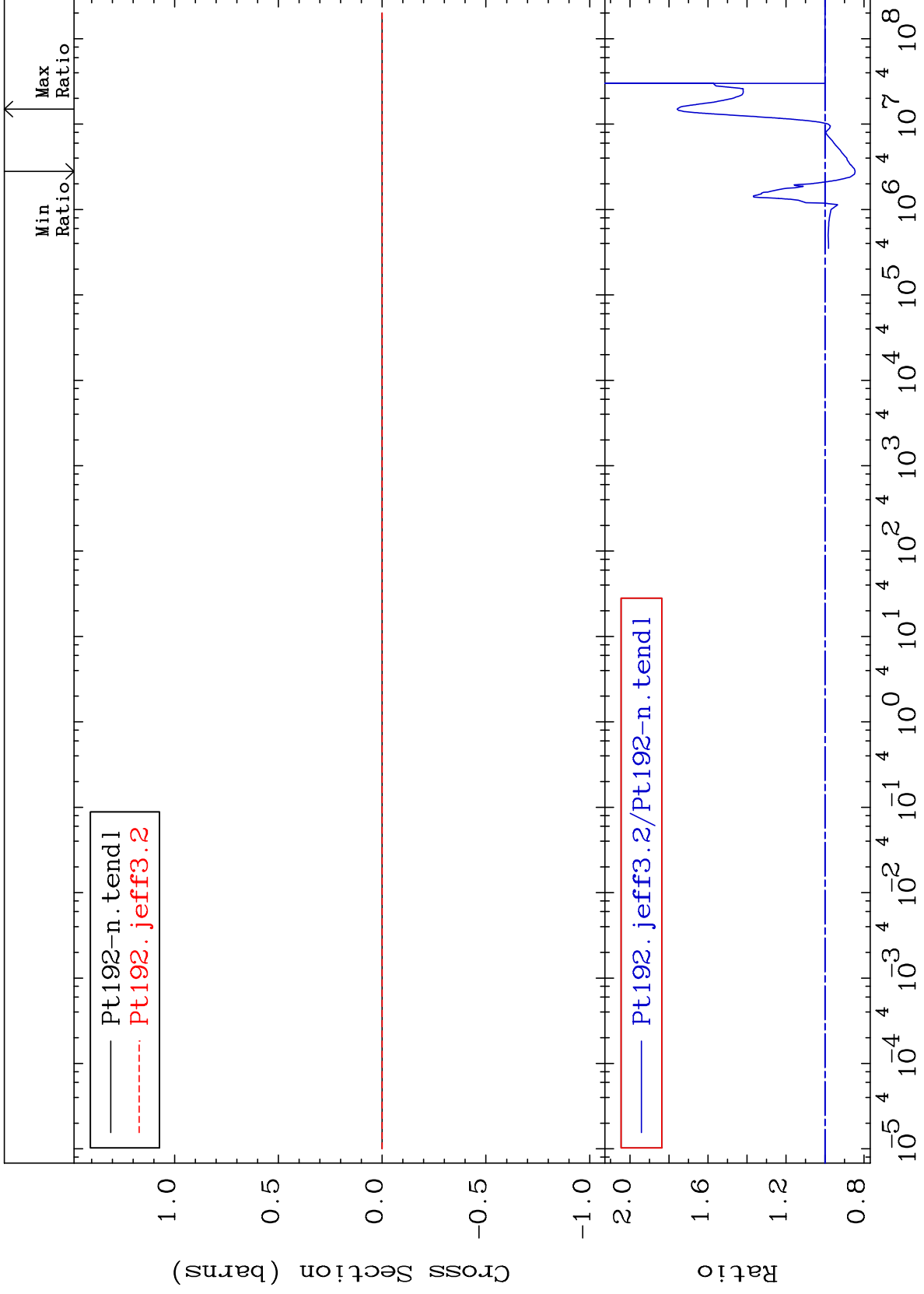
Incident Energy (eV)

78-Pt-192

MAT 7831

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

78-Pt-192
-15.46 To 75.89 %



71

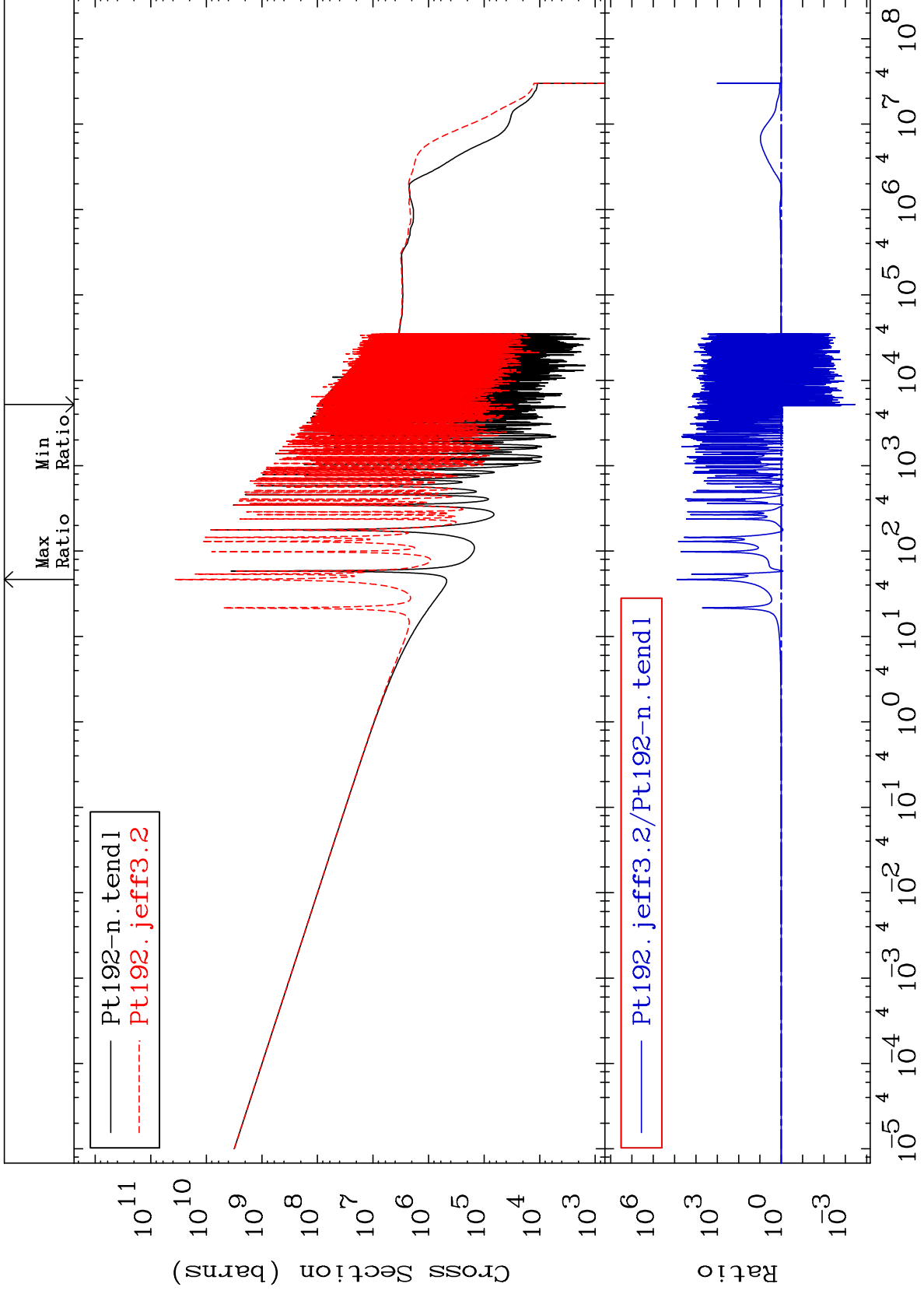
Incident Energy (eV)

78-Pt-192

MAT 7831

Kerma capture (mt102)
Cross Section

78-Pt-192
-99.97 To 9999. %



72

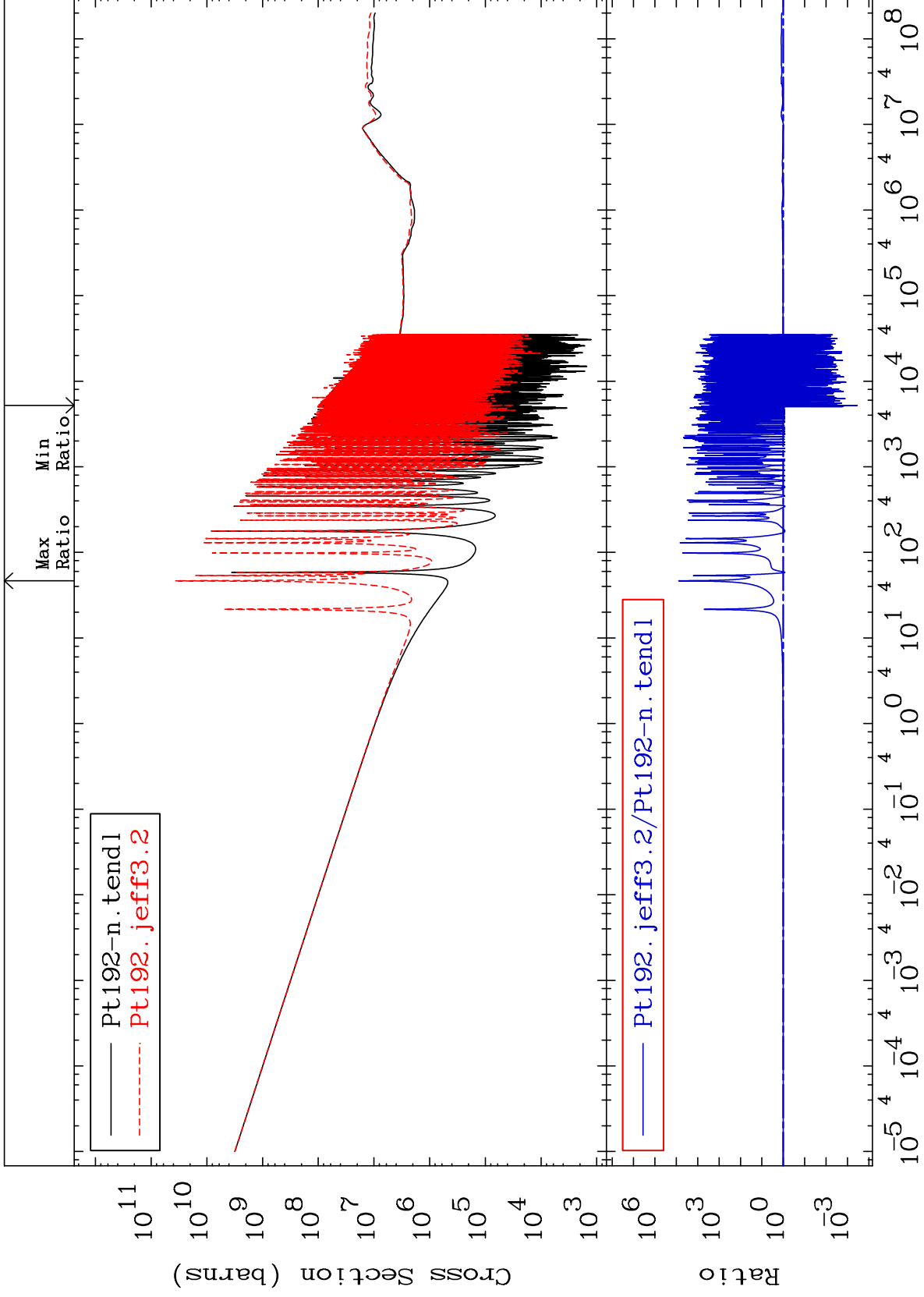
Incident Energy (eV)

78-Pt-192

MAT 7831

Total photon (eV-barns)
Cross Section

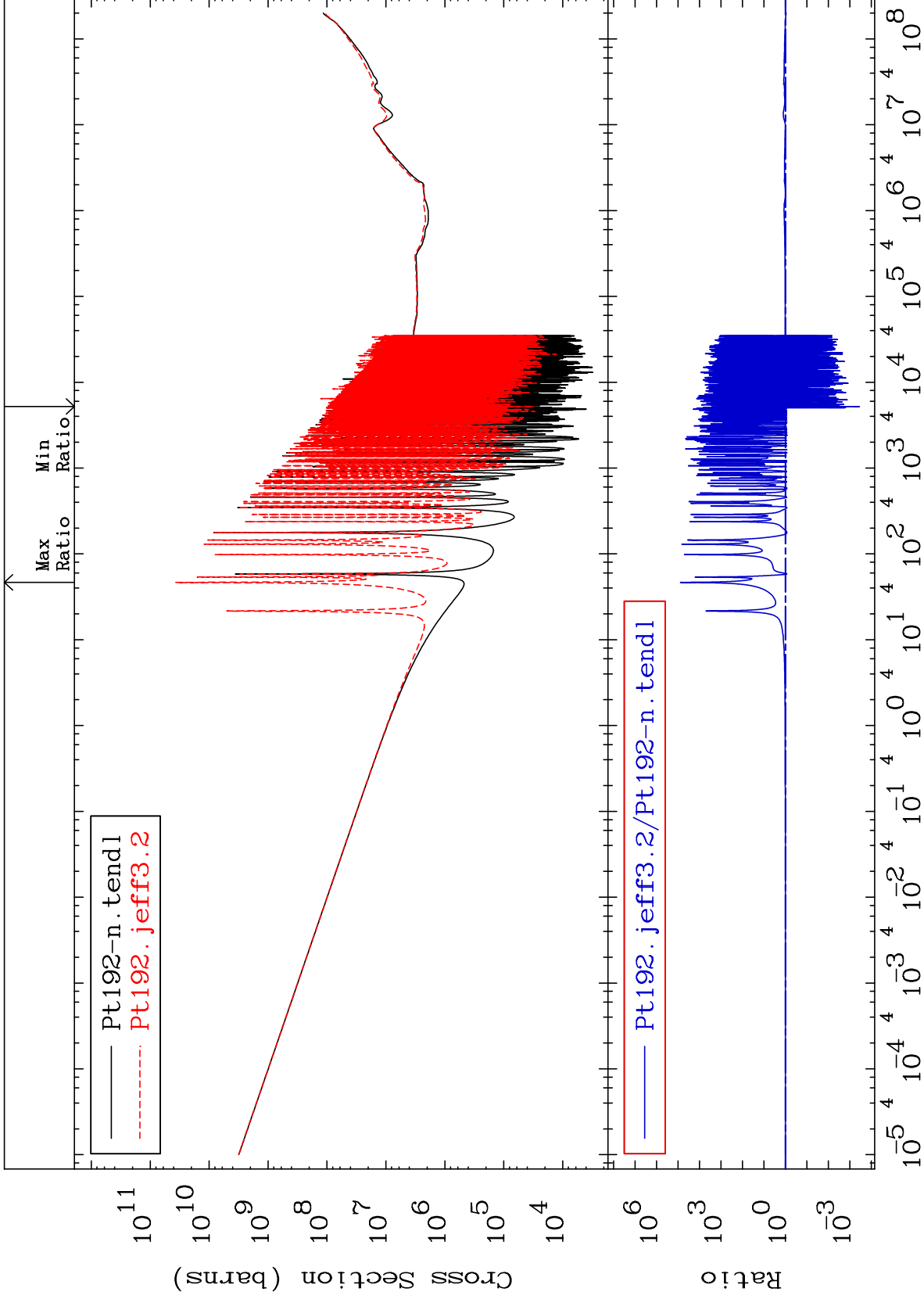
78-Pt-192
-99.97 To 9999. %



73

Incident Energy (eV)

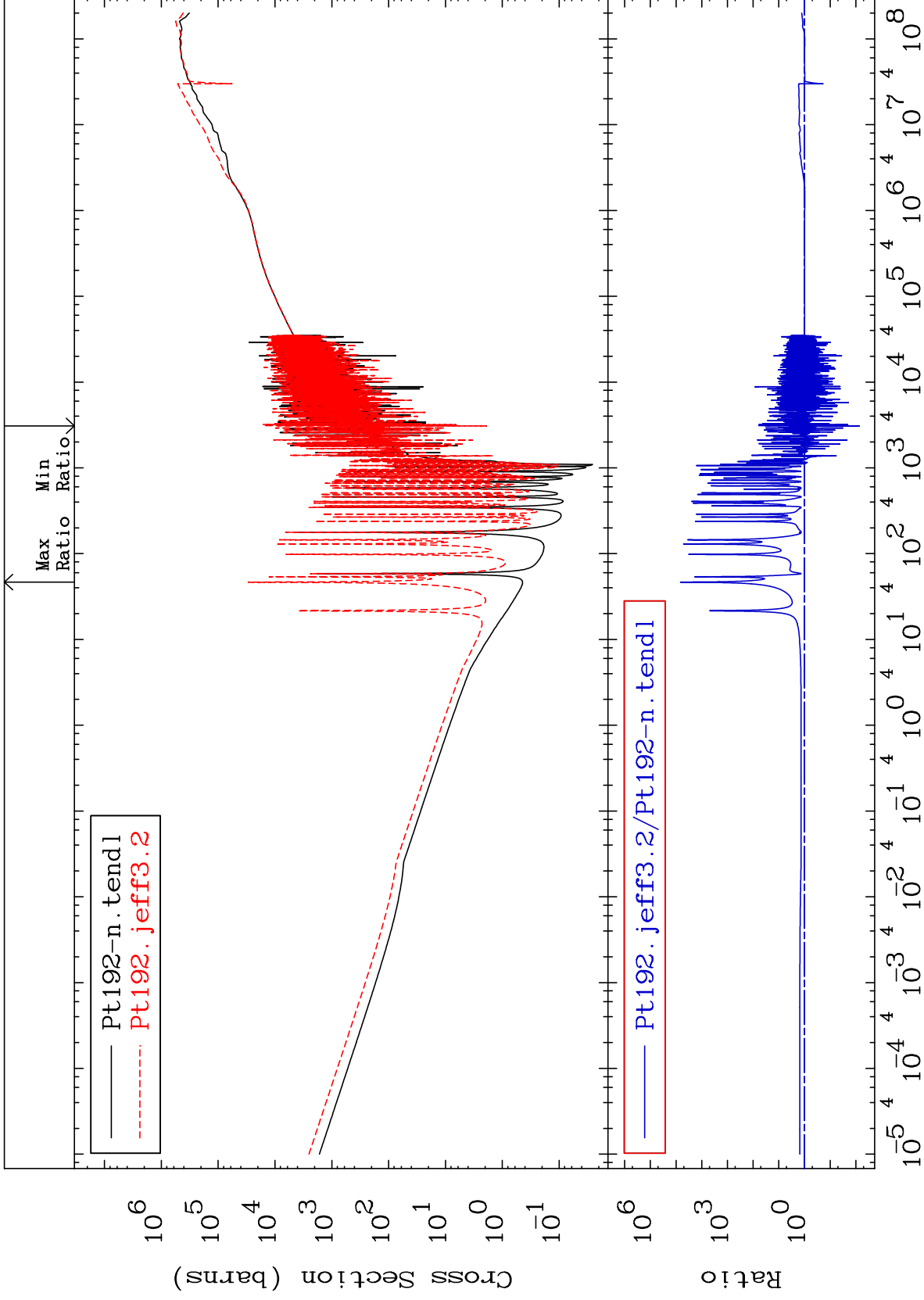
78-Pt-192



MAT 7831

Dpa total (eV-barns)
Cross Section

78-Pt-192
-99.27 To 9999. %



75

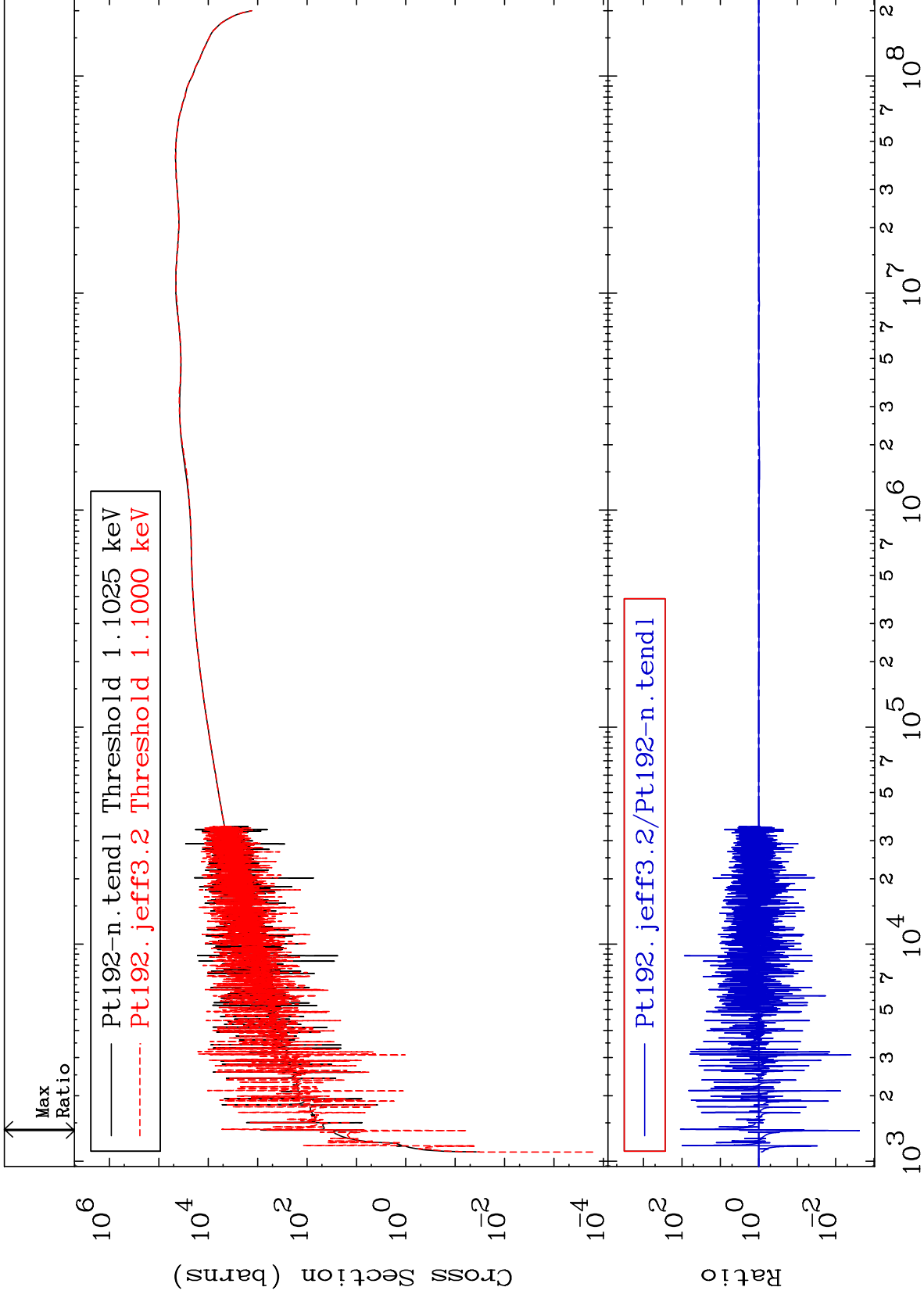
Incident Energy (eV)

78-Pt-192

MAT 7831

Dpa elastic (mt2)
Cross Section

78-Pt-192
-99.76 To 9999. %



76

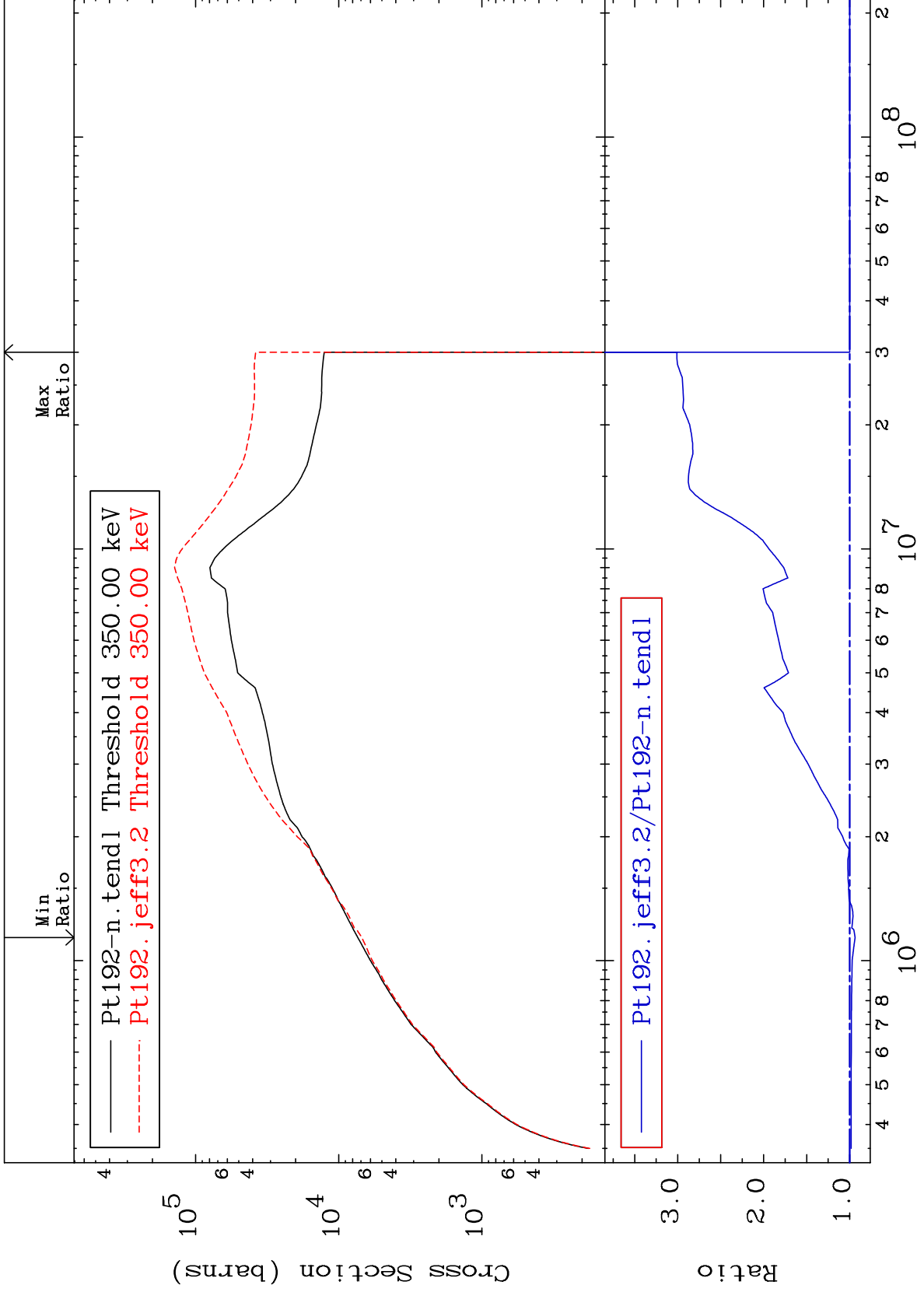
Incident Energy (eV)

78-Pt-192

MAT 7831

Dpa inelastic (mt51-91)
Cross Section

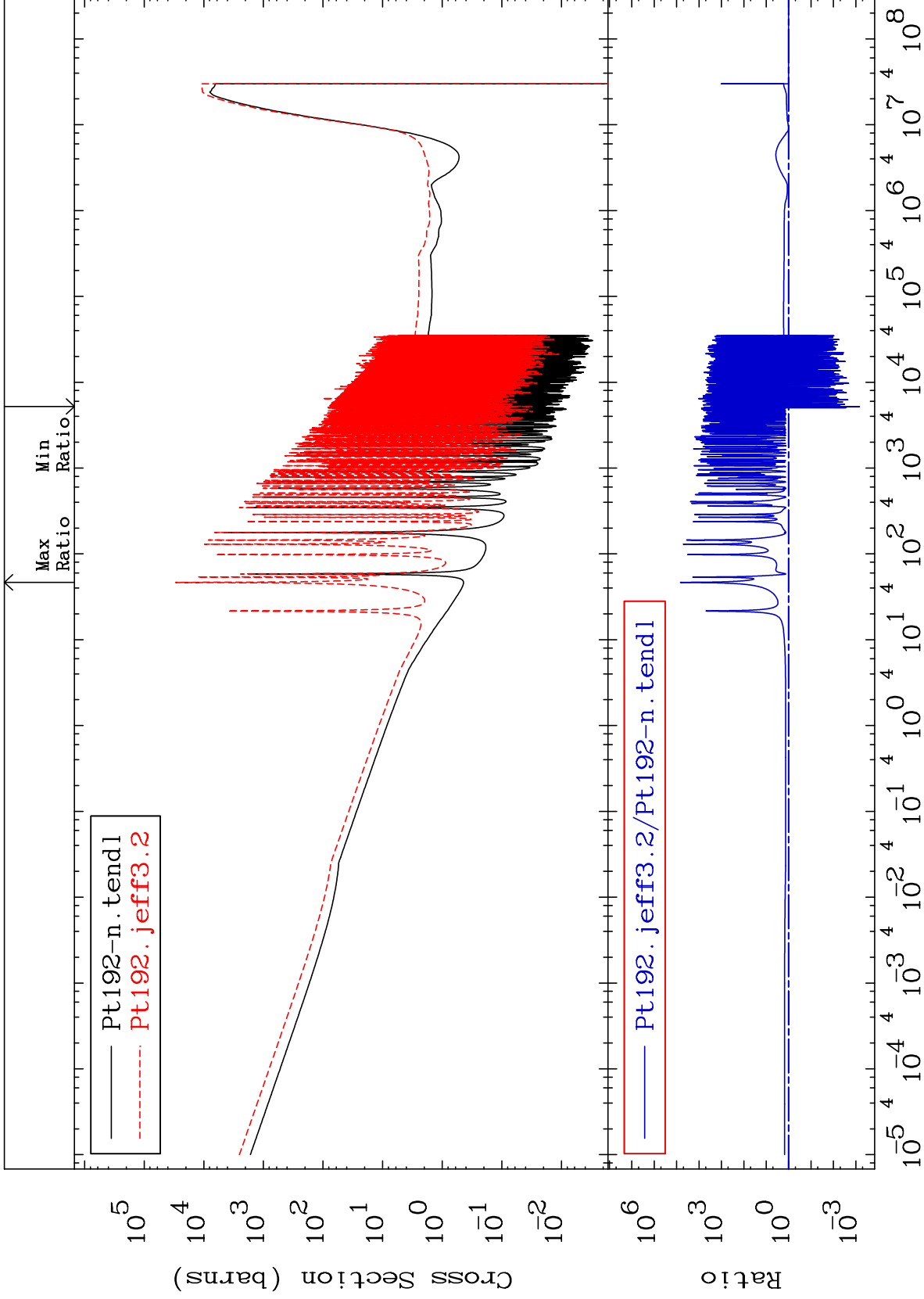
78-Pt-192
-6.359 To 200.9 %



77

Incident Energy (eV)

78-Pt-192



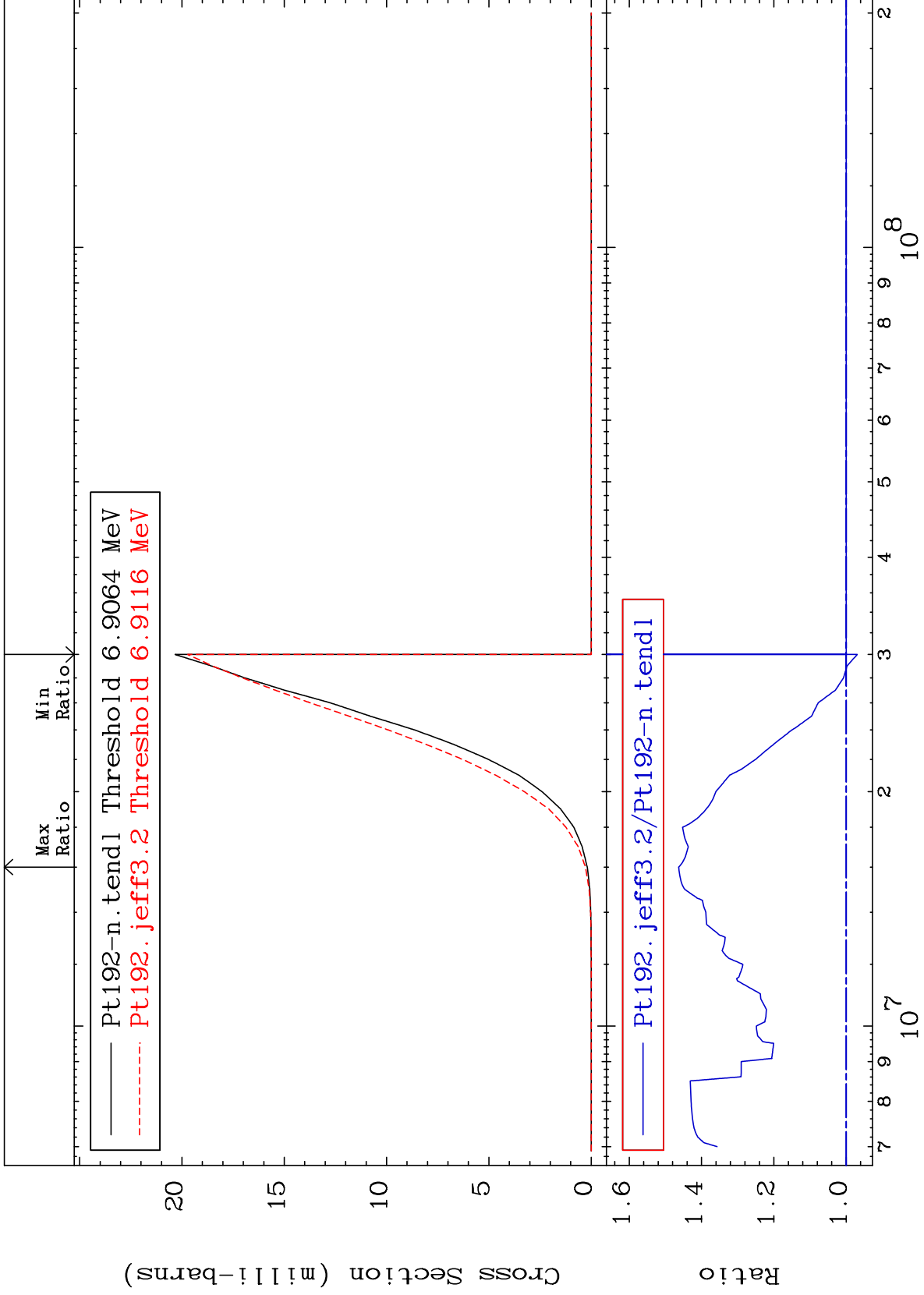
MAT 7831

(n, n') p: 77-Ir-191g

78-Pt-192

Radionuclide Production Cross Section

-3.062 To 46.34 %



79

Incident Energy (eV)

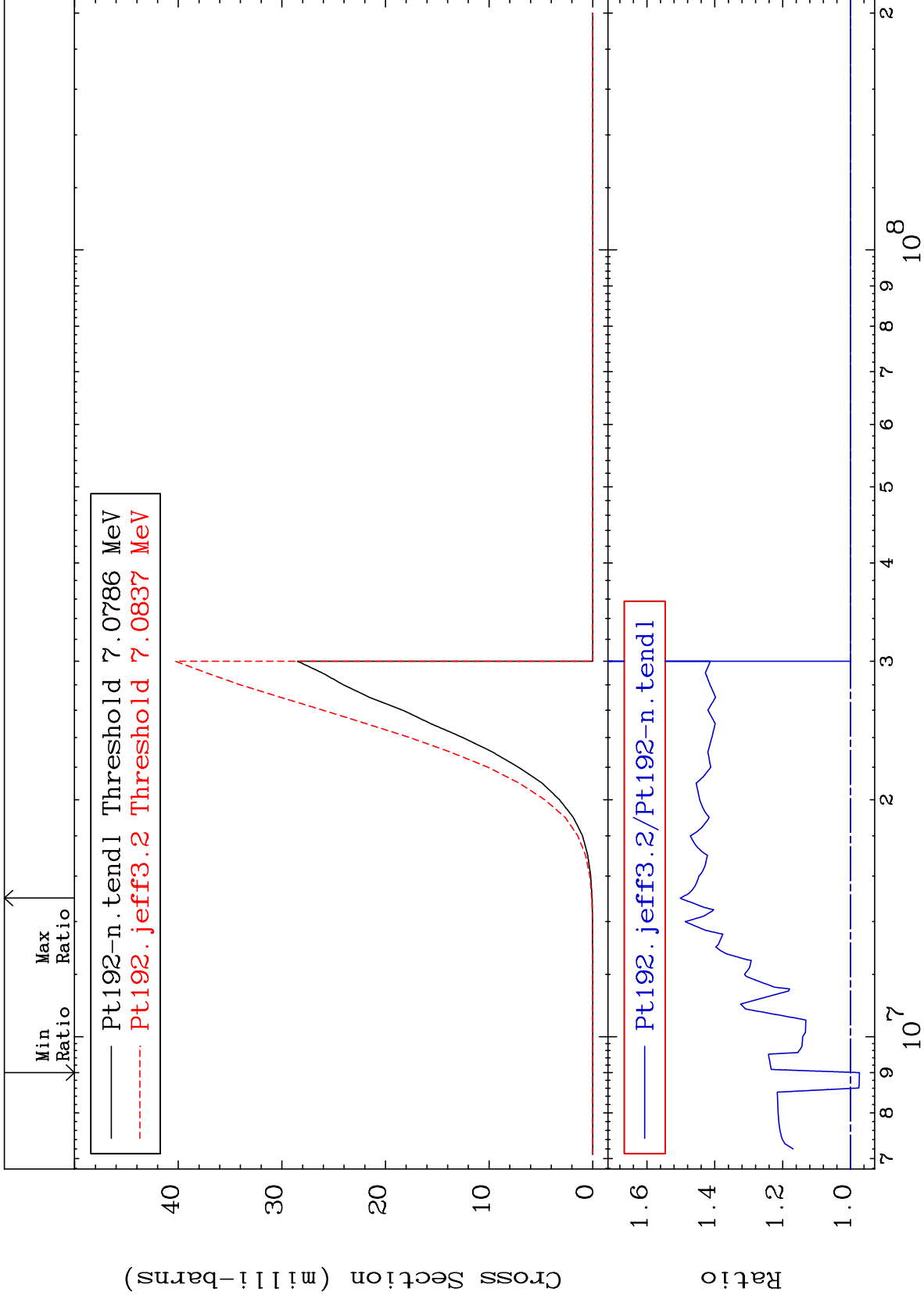
78-Pt-192

MAT 7831

(n, n') p: 77-Ir-191m3

78-Pt-192

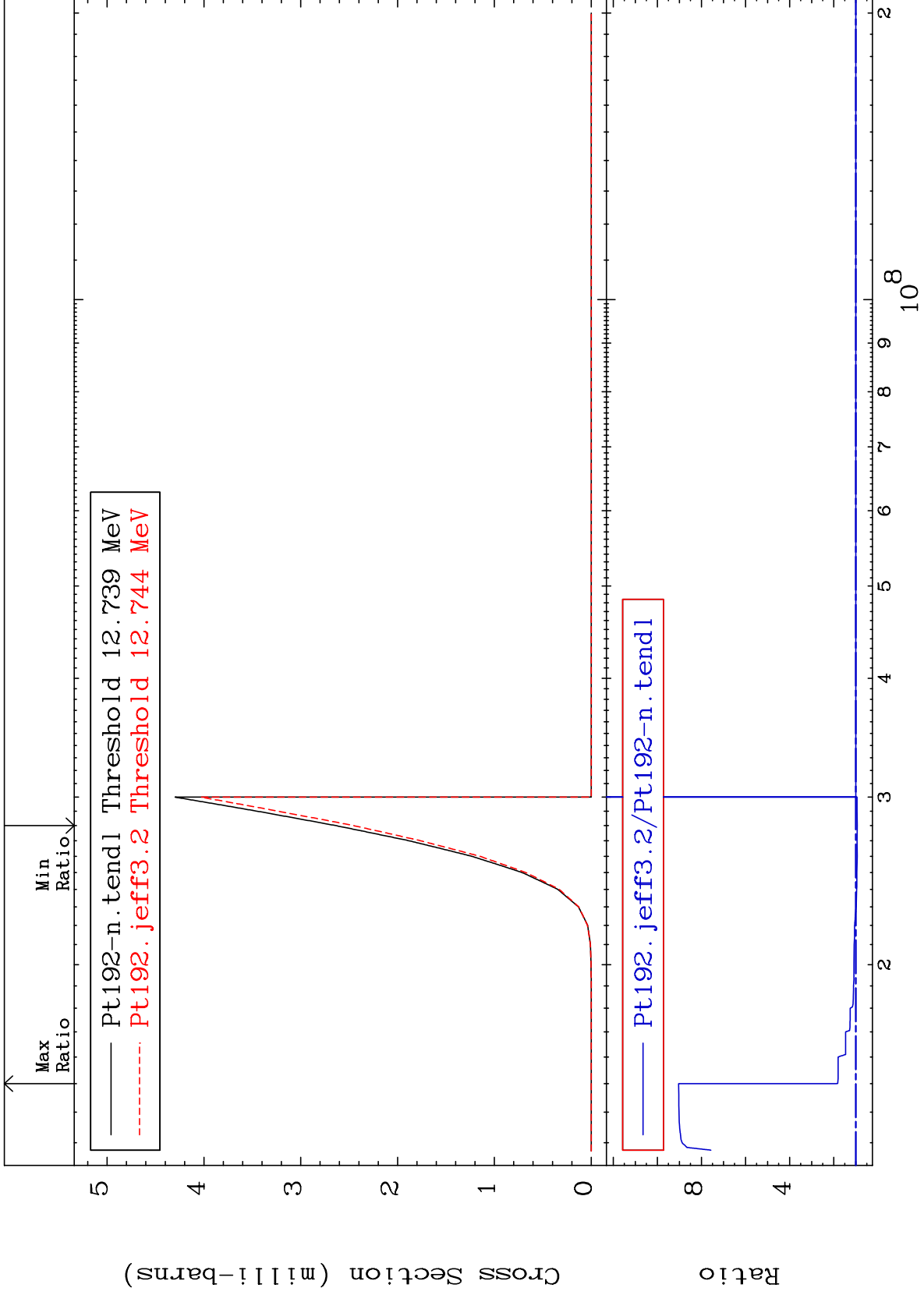
Radionuclide Production Cross Section -2.654 To 50.16 %



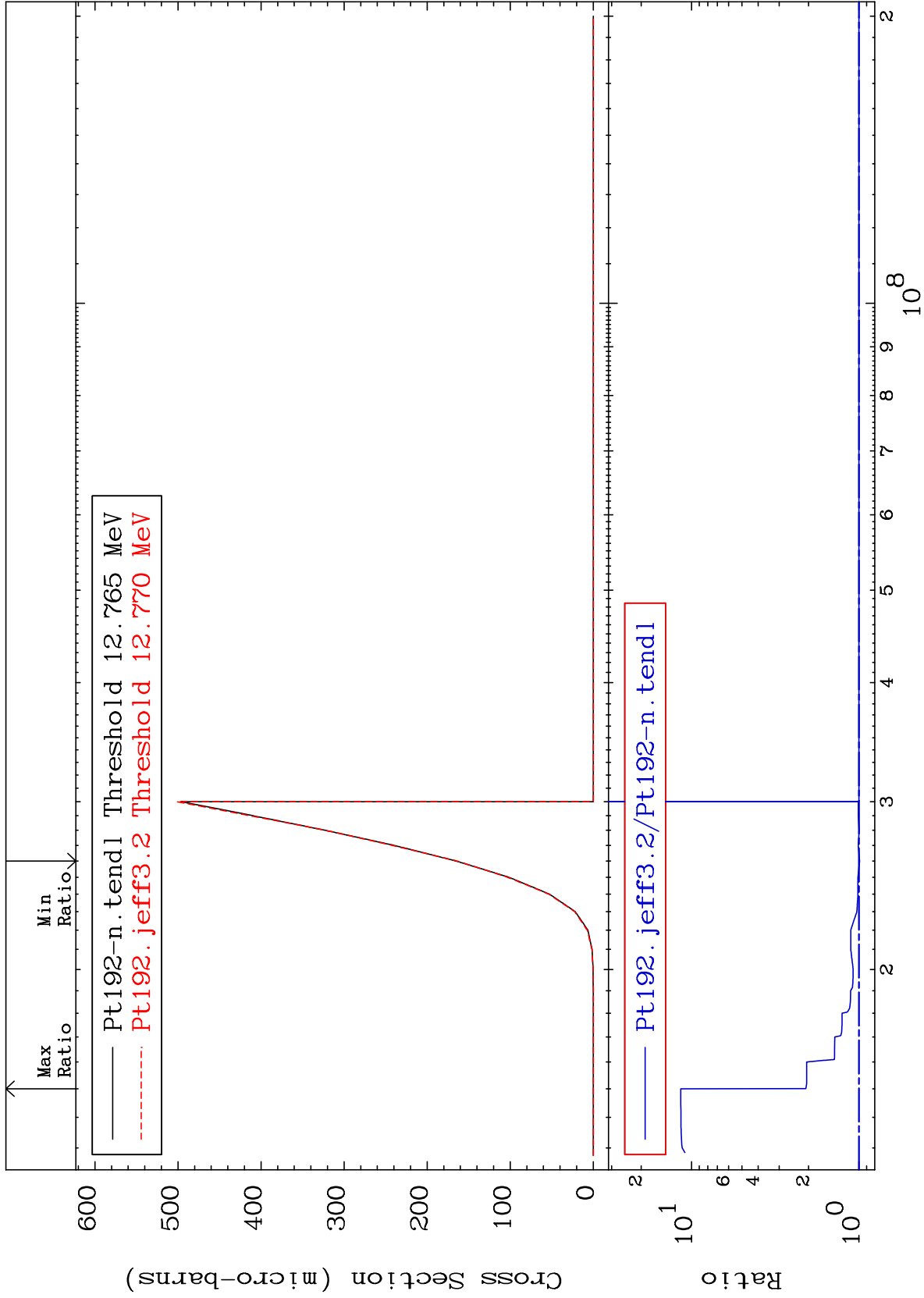
80

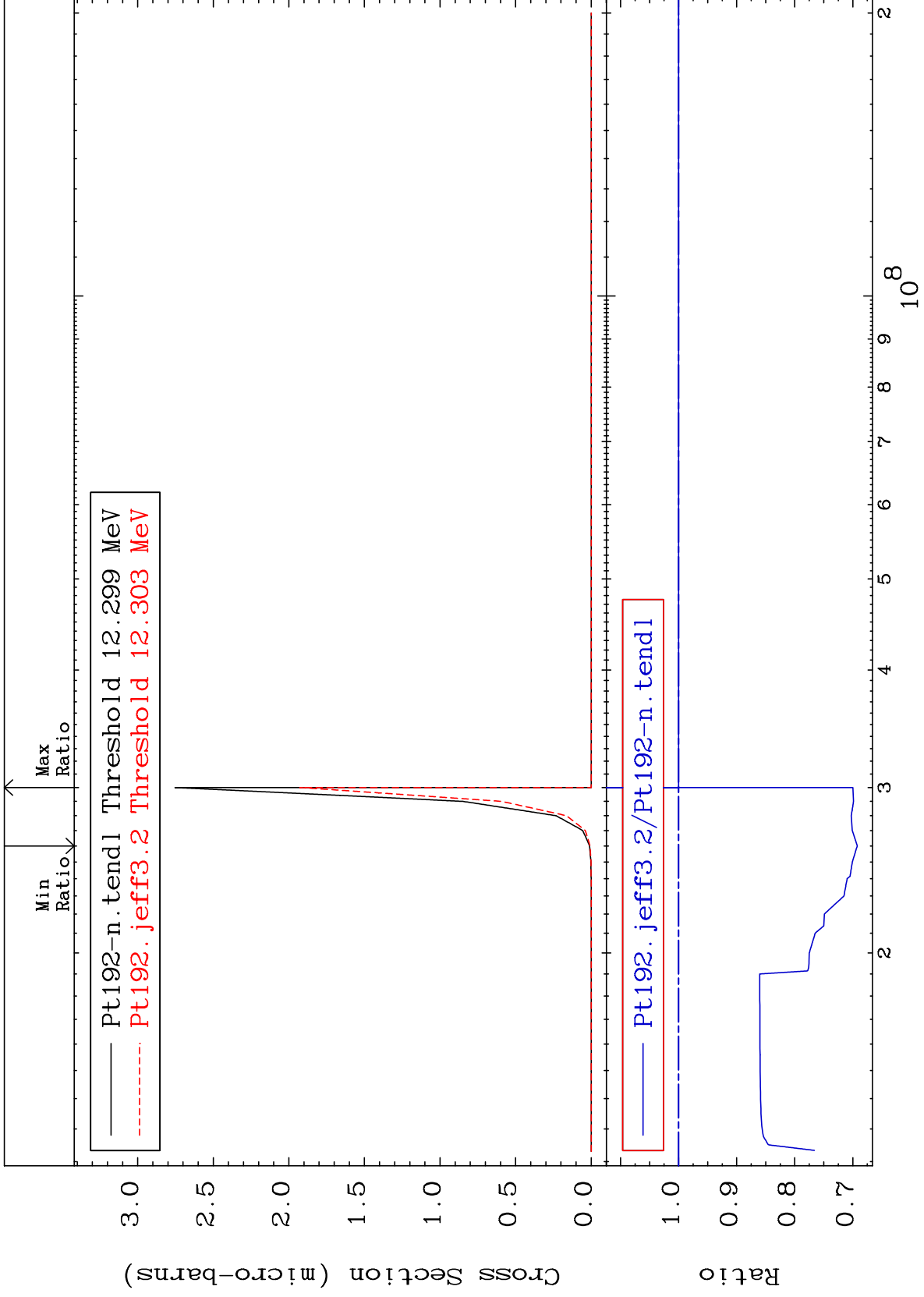
Incident Energy (eV)

78-Pt-192

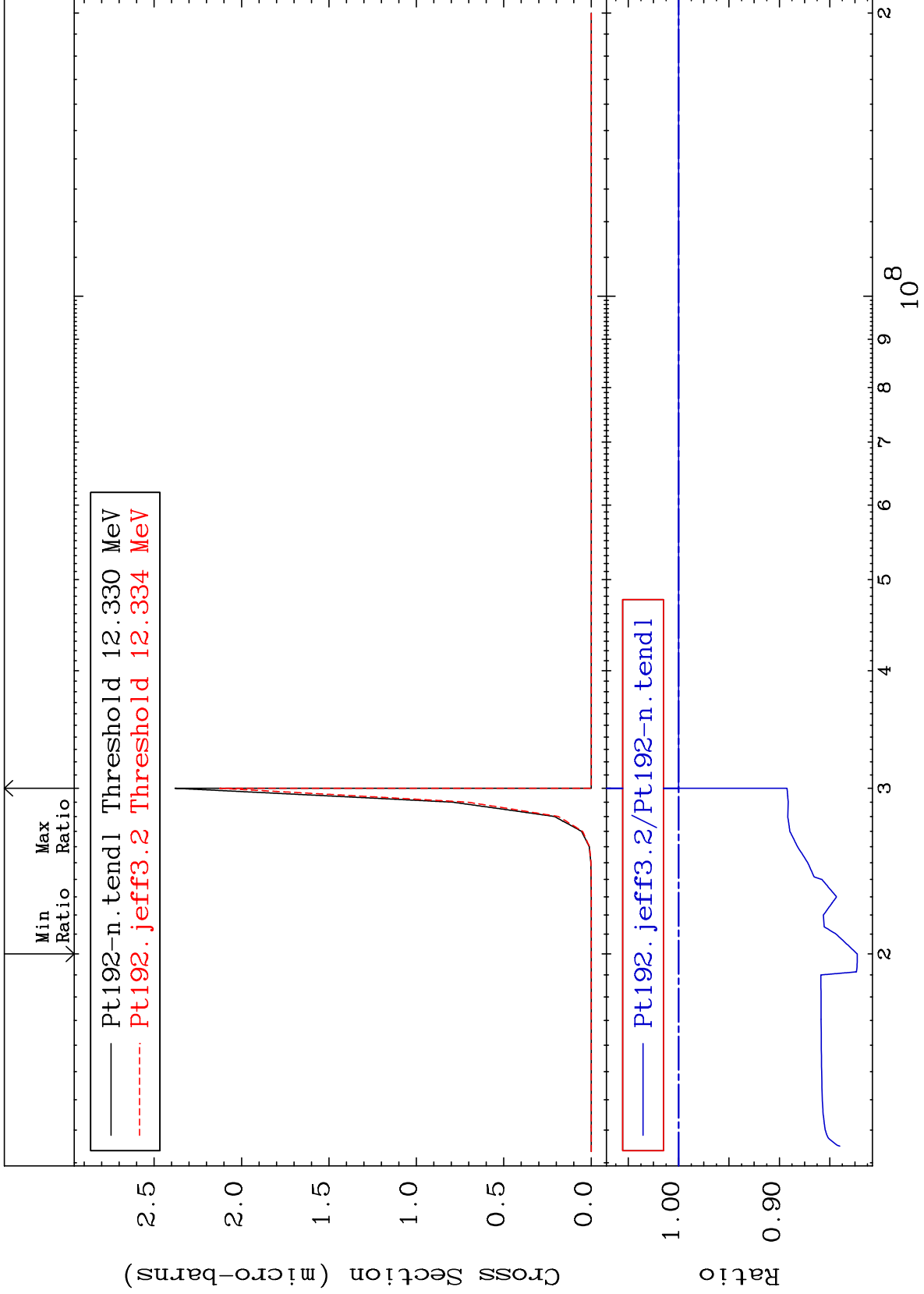


Radionuclide Production Cross Section -0.744 To 1059. %





Radionuclide Production Cross Section -17.73 To 0.000 %

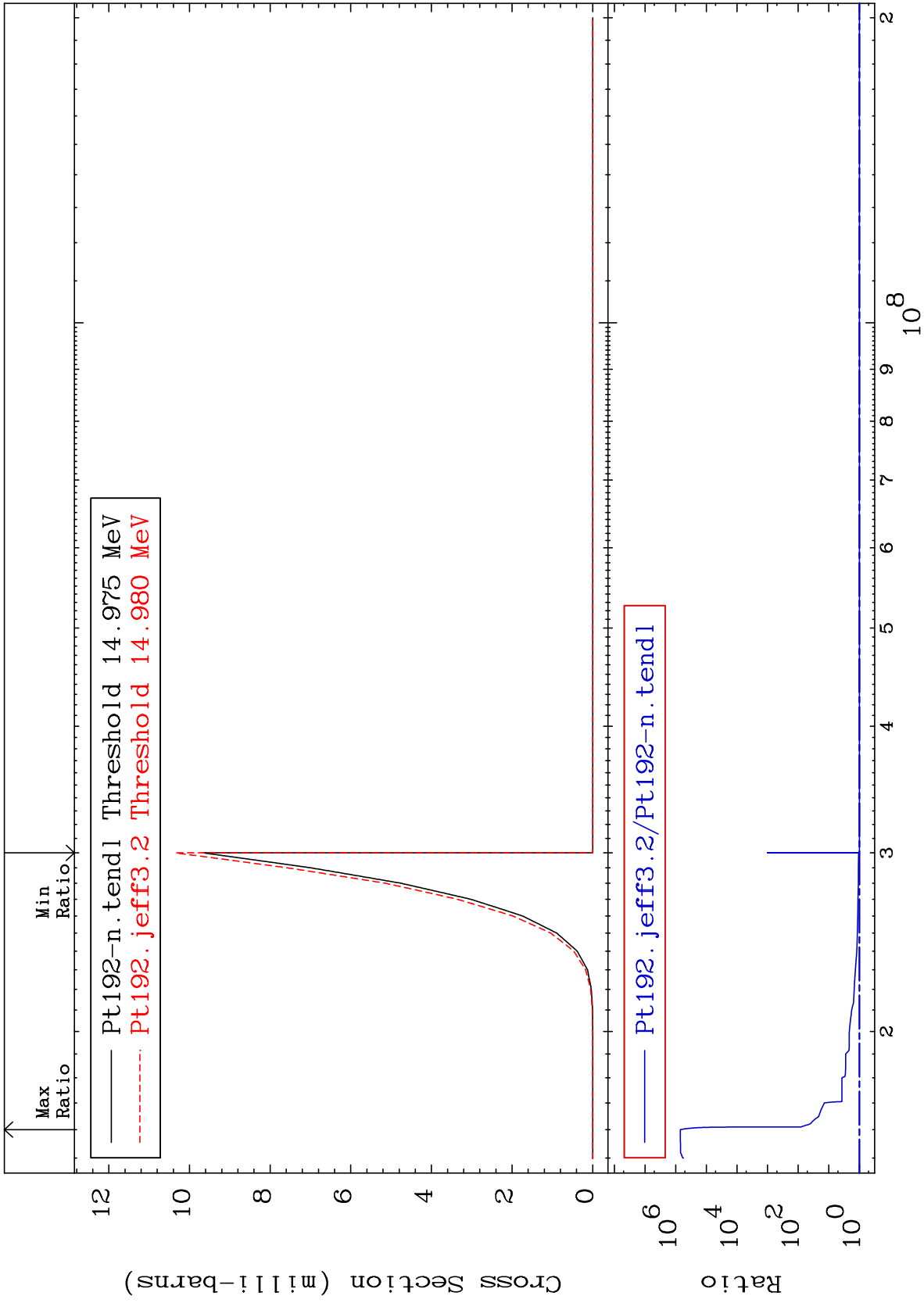


MAT 7831

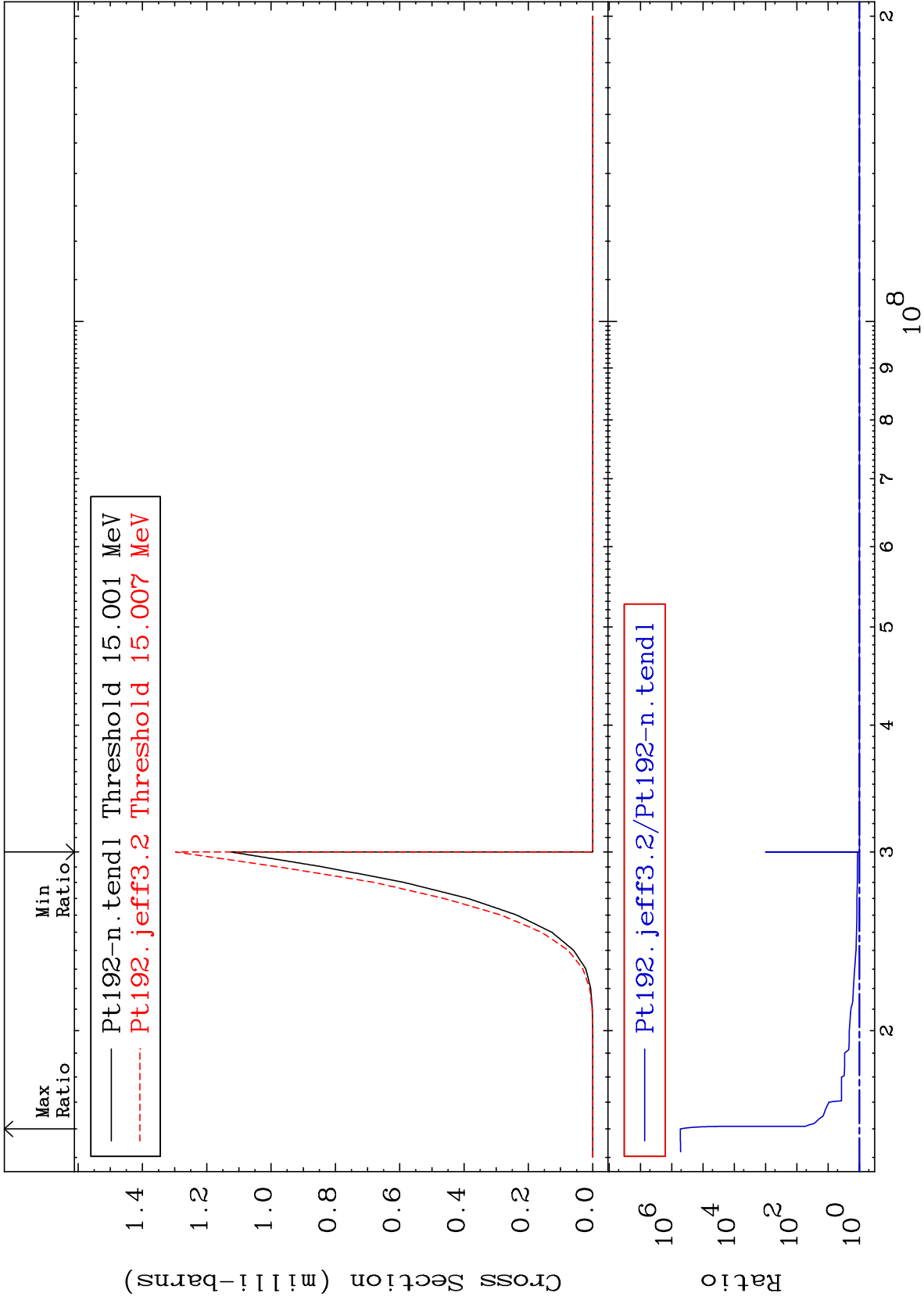
(n,2n) p: 77-Ir-190g

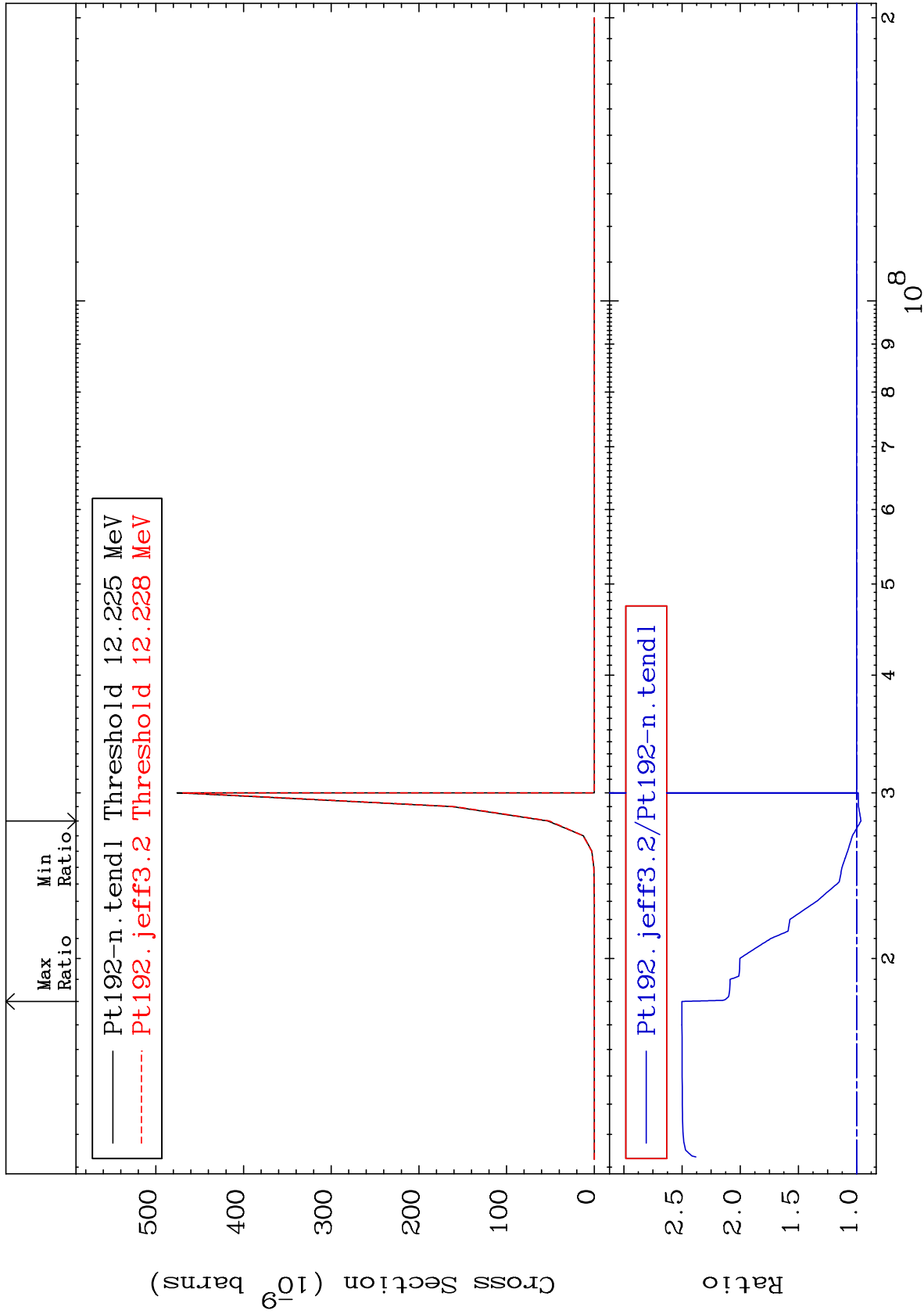
78-Pt-192

Radionuclide Production Cross Section 0.000 To 9999. %



Radionuclide Production Cross Section 0.000 To 9999. %



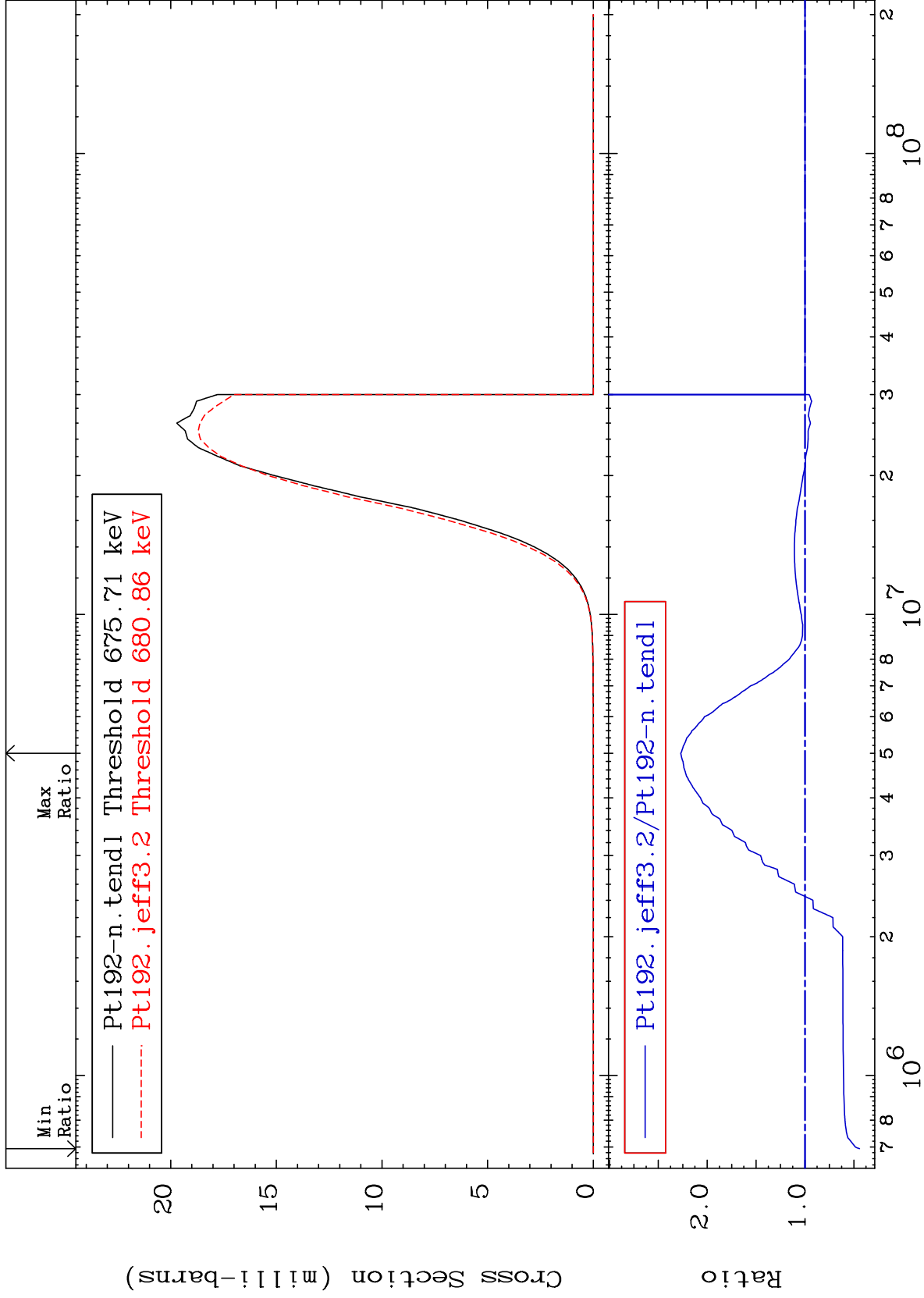


MAT 7831

(n, p) : 77-Ir-192g

78-Pt-192

Radionuclide Production Cross Section -55.84 To 127.0 %



88

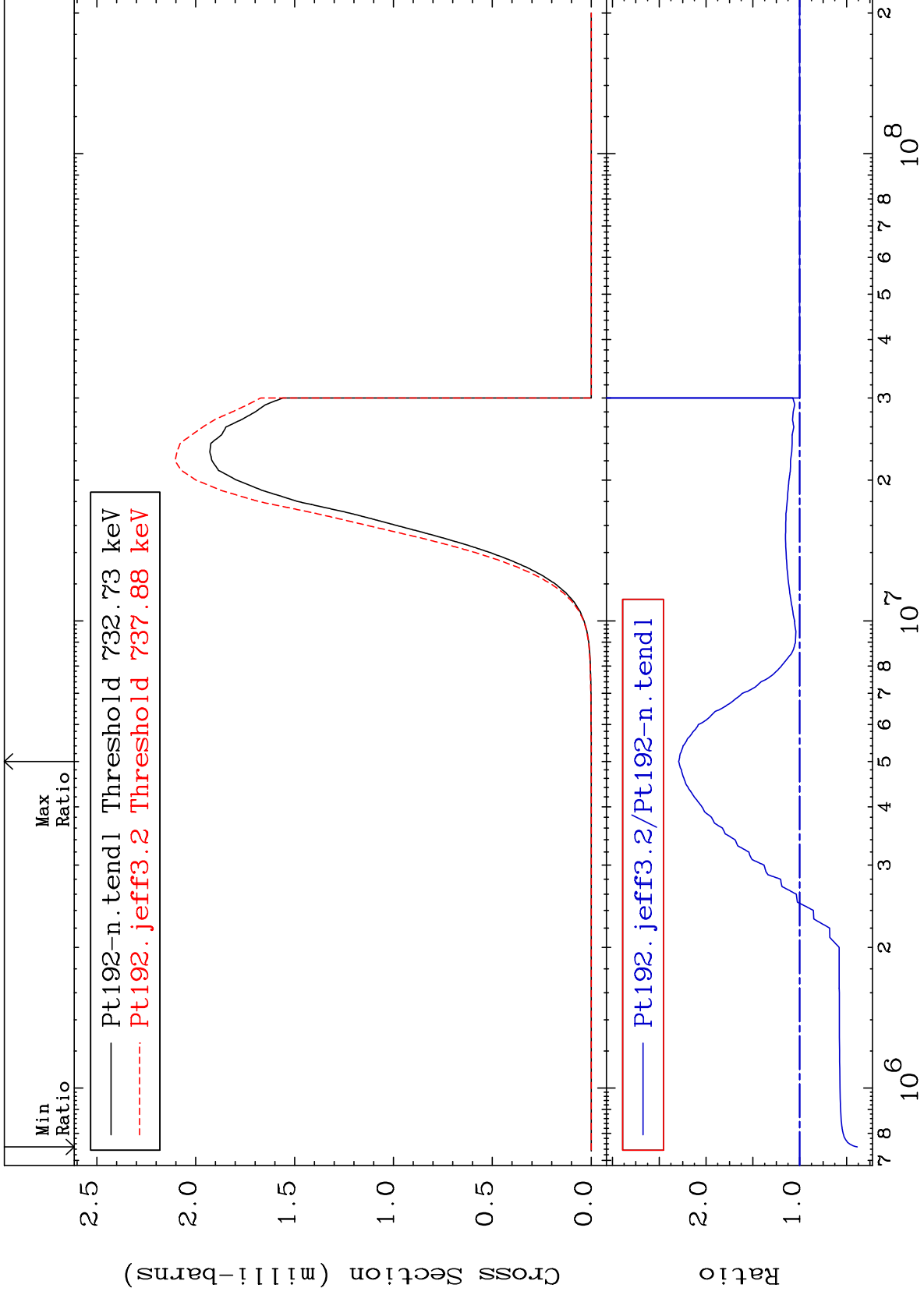
78-Pt-192

MAT 7831

(n, p) : 77-Ir-192m3

78-Pt-192

Radionuclide Production Cross Section -61.44 To 129.3 %



89

Incident Energy (eV)

78-Pt-192

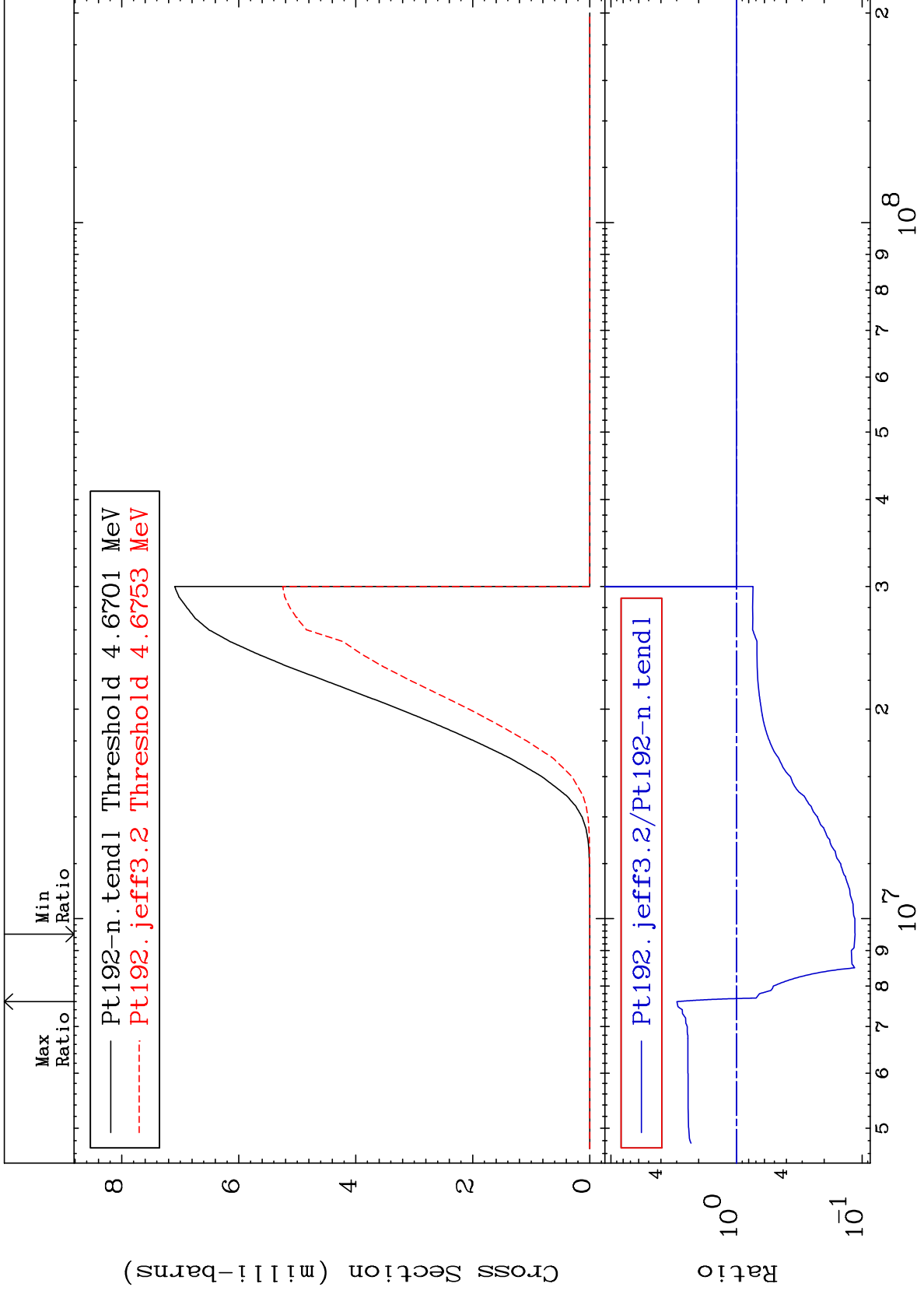
MAT 7831

(n, d) : 77-Ir-191g

78-Pt-192

Radionuclide Production Cross Section

-88.64 To 198.2 %

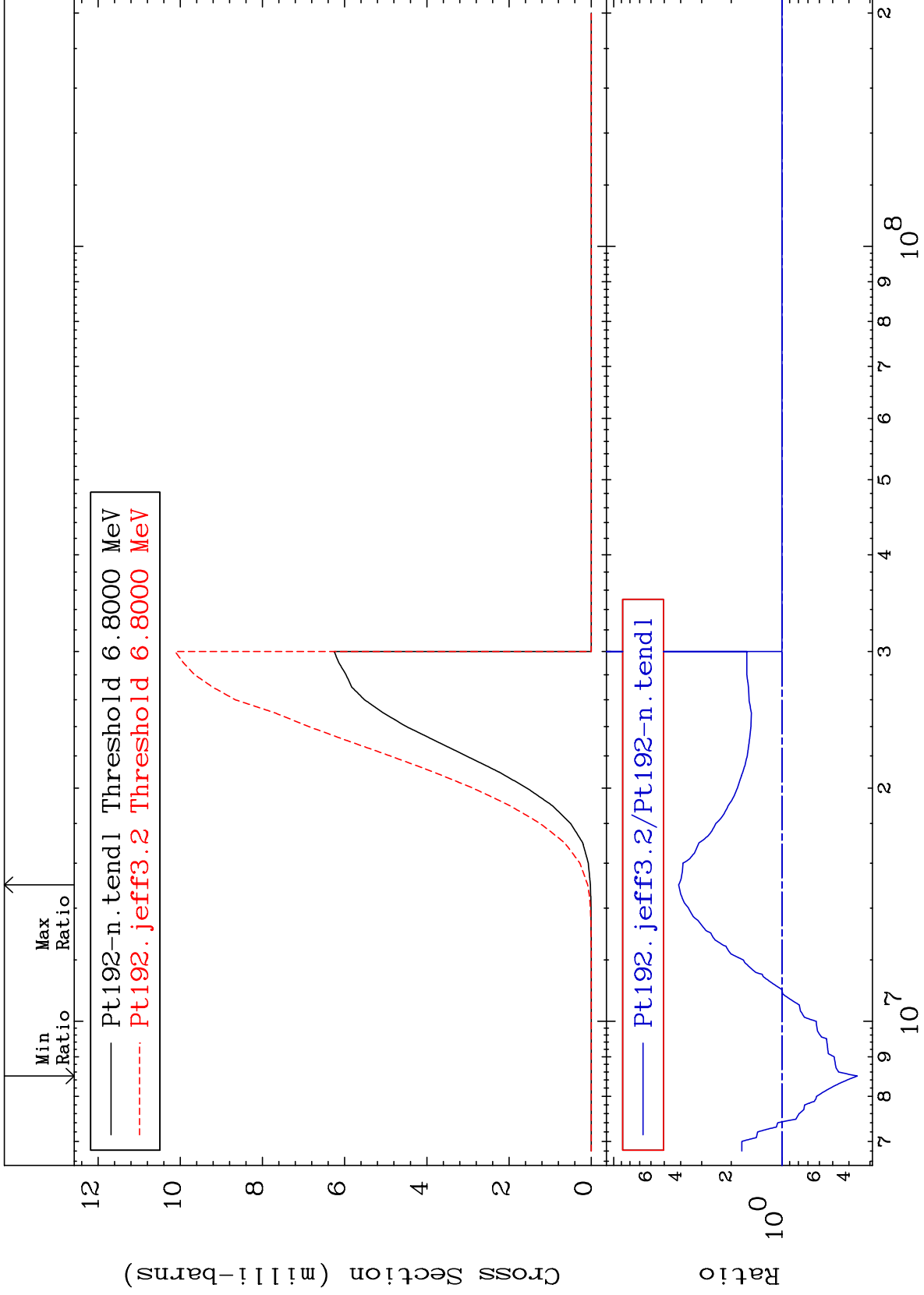


90

Incident Energy (eV)

78-Pt-192

Radionuclide Production Cross Section -64.29 To 311.1 %

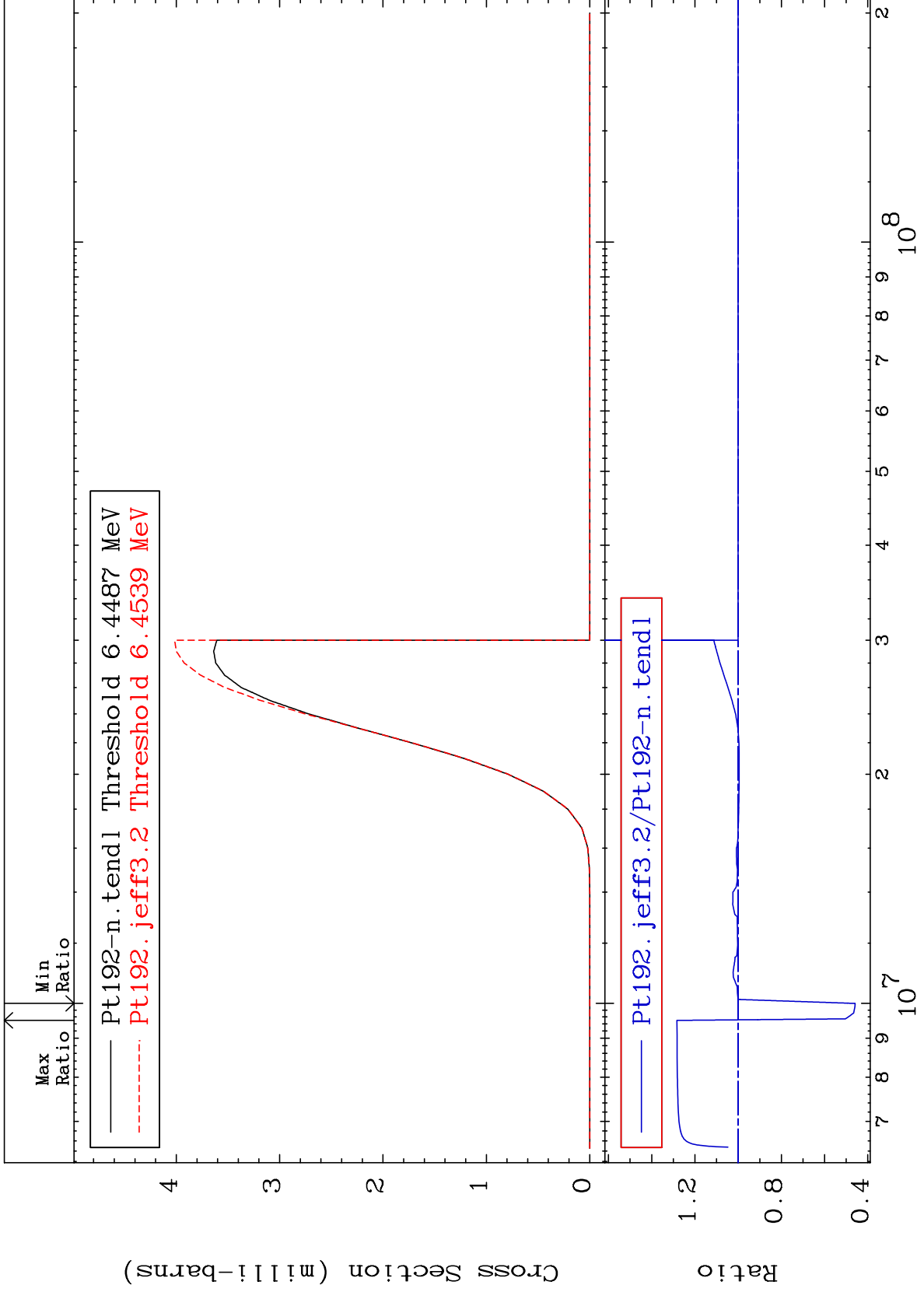


MAT 7831

(n, t) : 77-Ir-190g

78-Pt-192

Radionuclide Production Cross Section -54.10 To 28.33 %



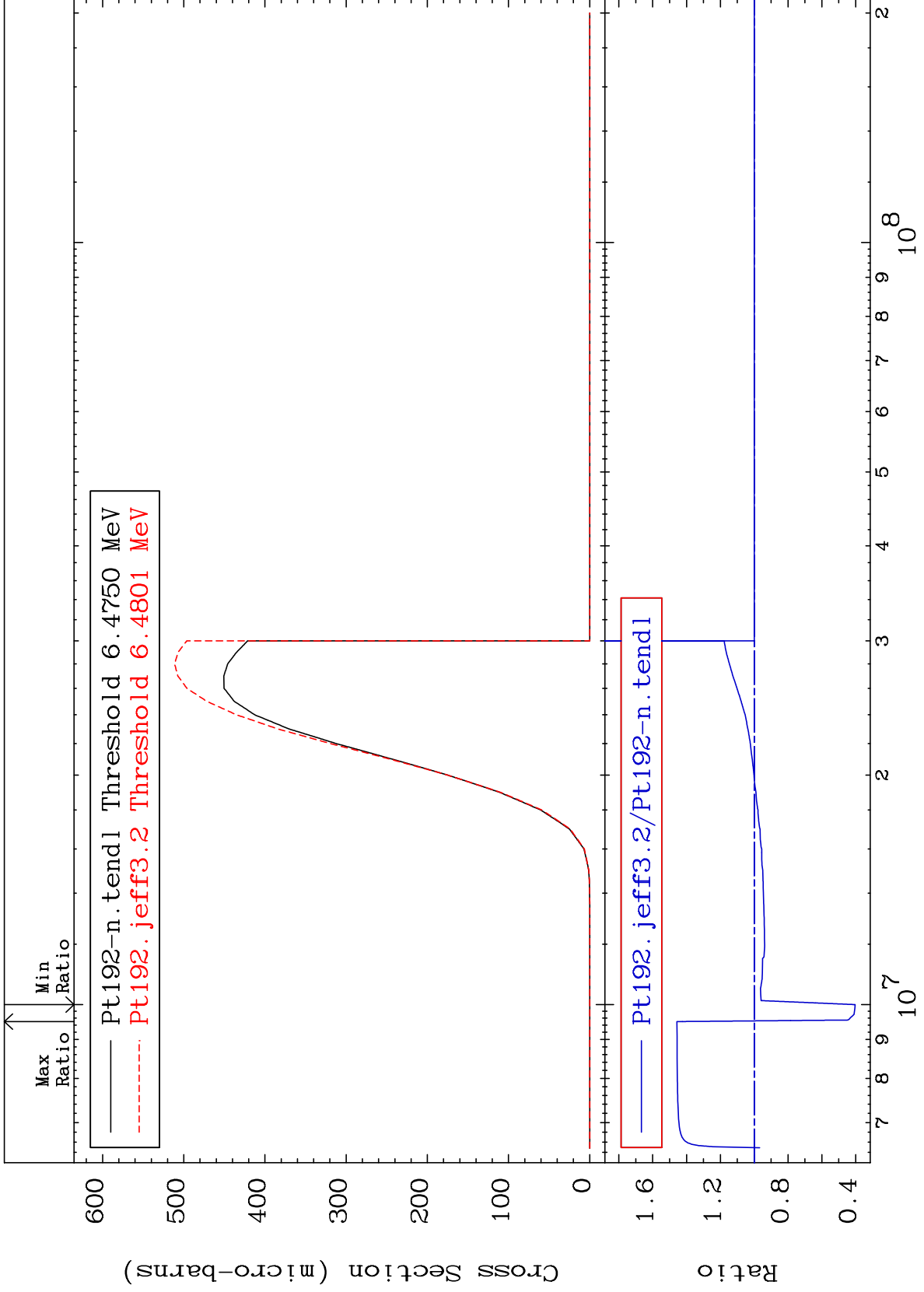
92

MAT 7831

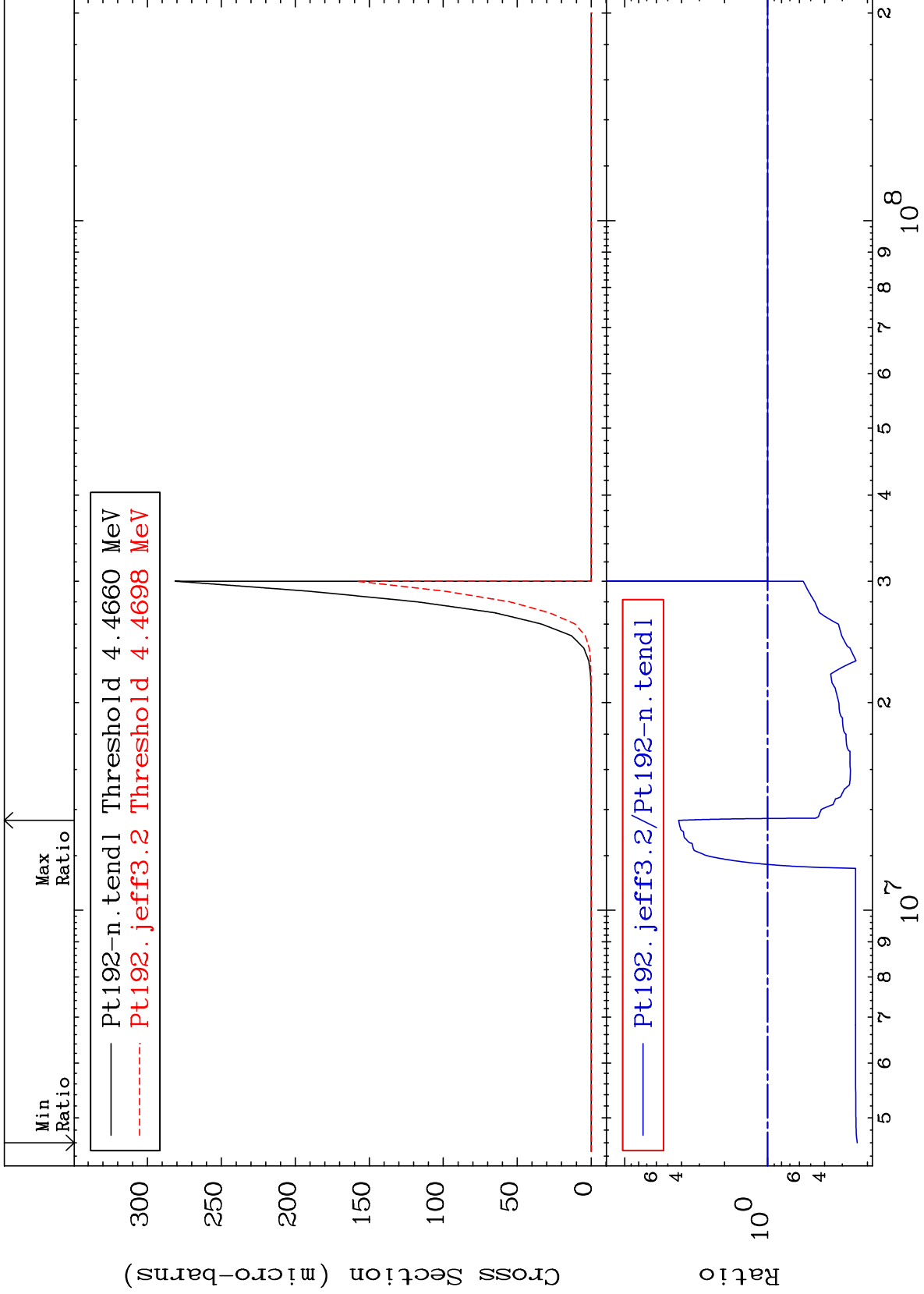
(n, t) : 77-Ir-190m2

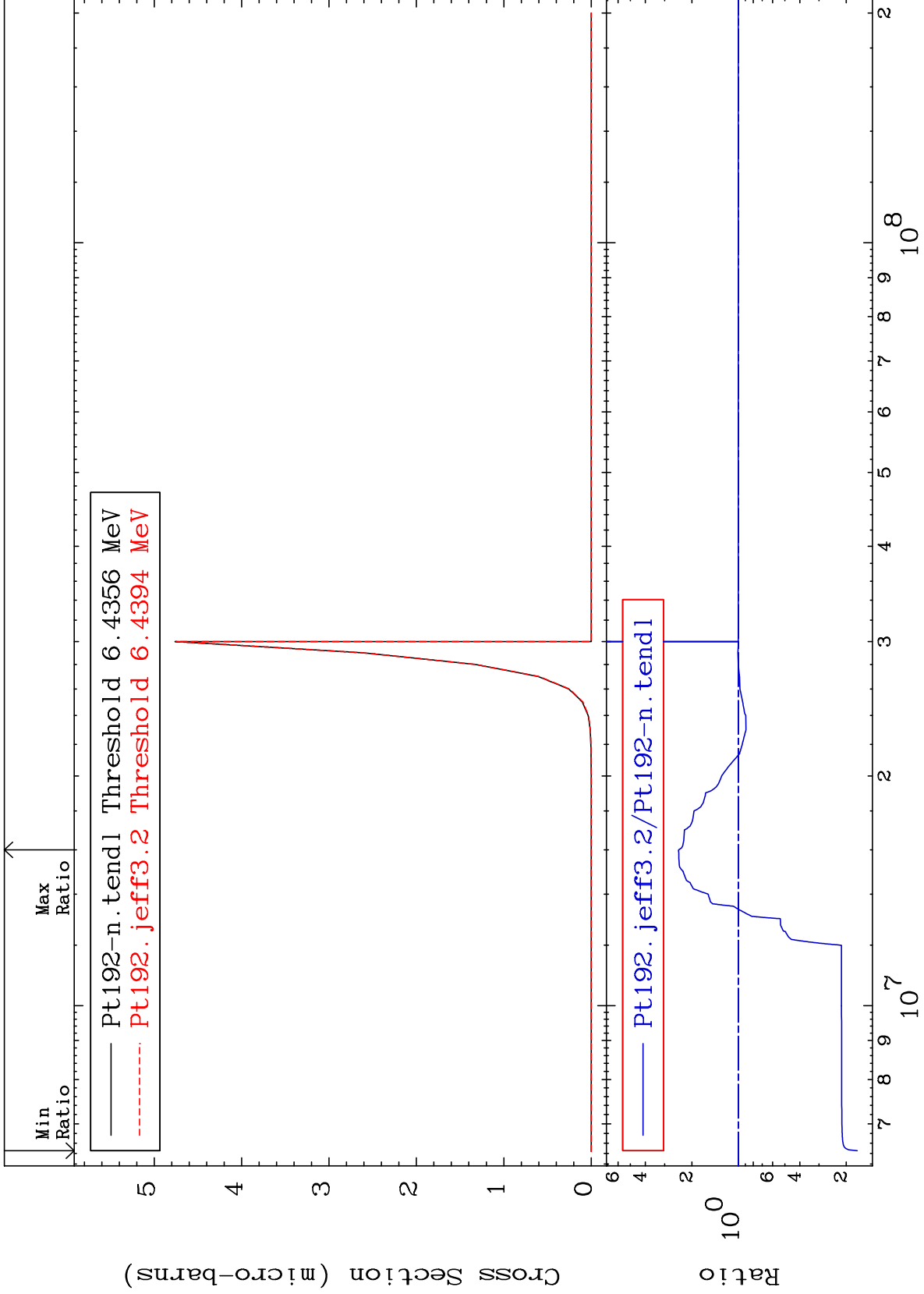
78-Pt-192

Radionuclide Production Cross Section -59.64 To 45.68 %



Radionuclide Production Cross Section -76.40 To 319.4 %



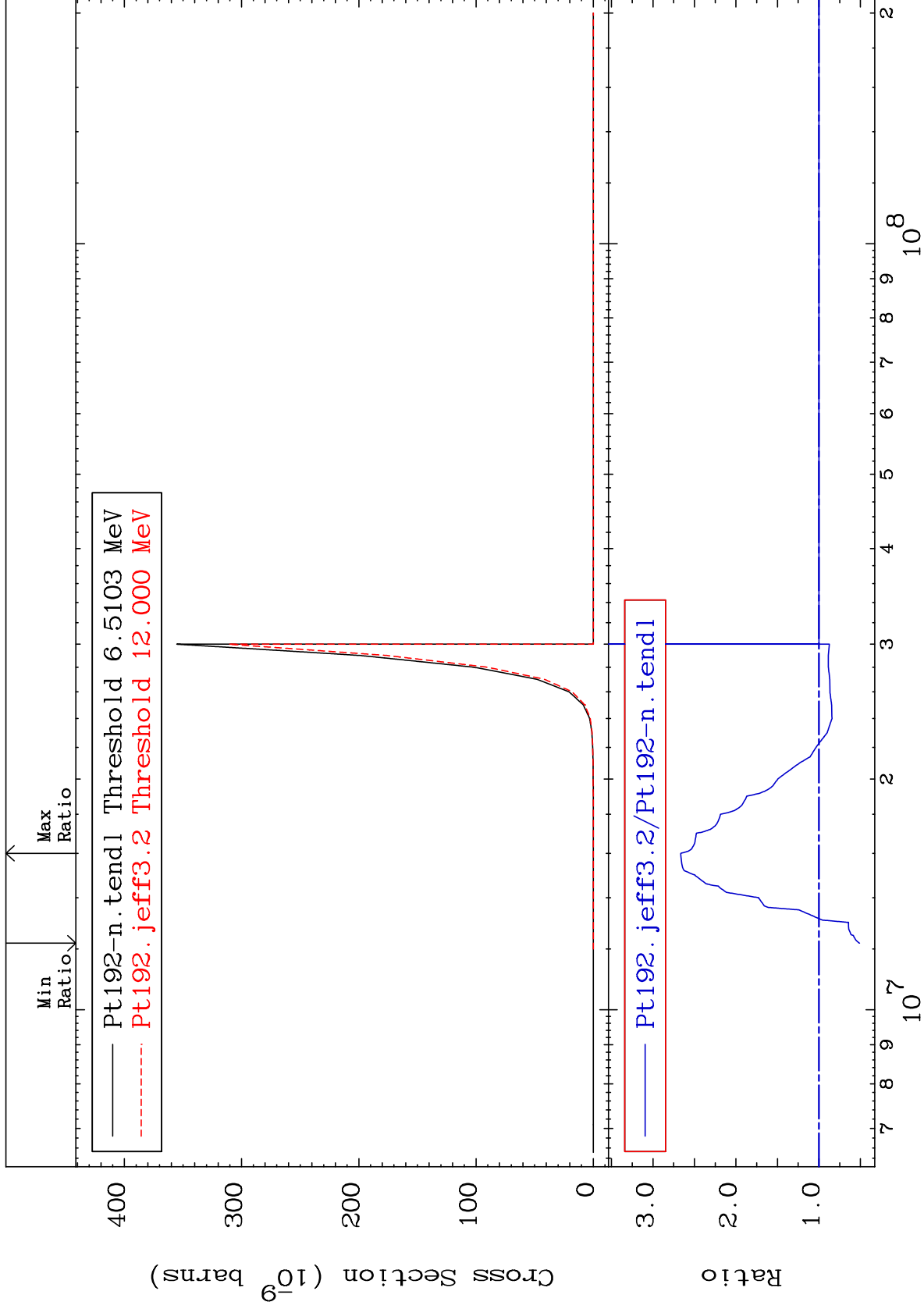


MAT 7831

(n,2p):76-0s-191m1

78-Pt-192

Radionuclide Production Cross Section -48.90 To 166.5 %



96

Incident Energy (eV)

78-Pt-192

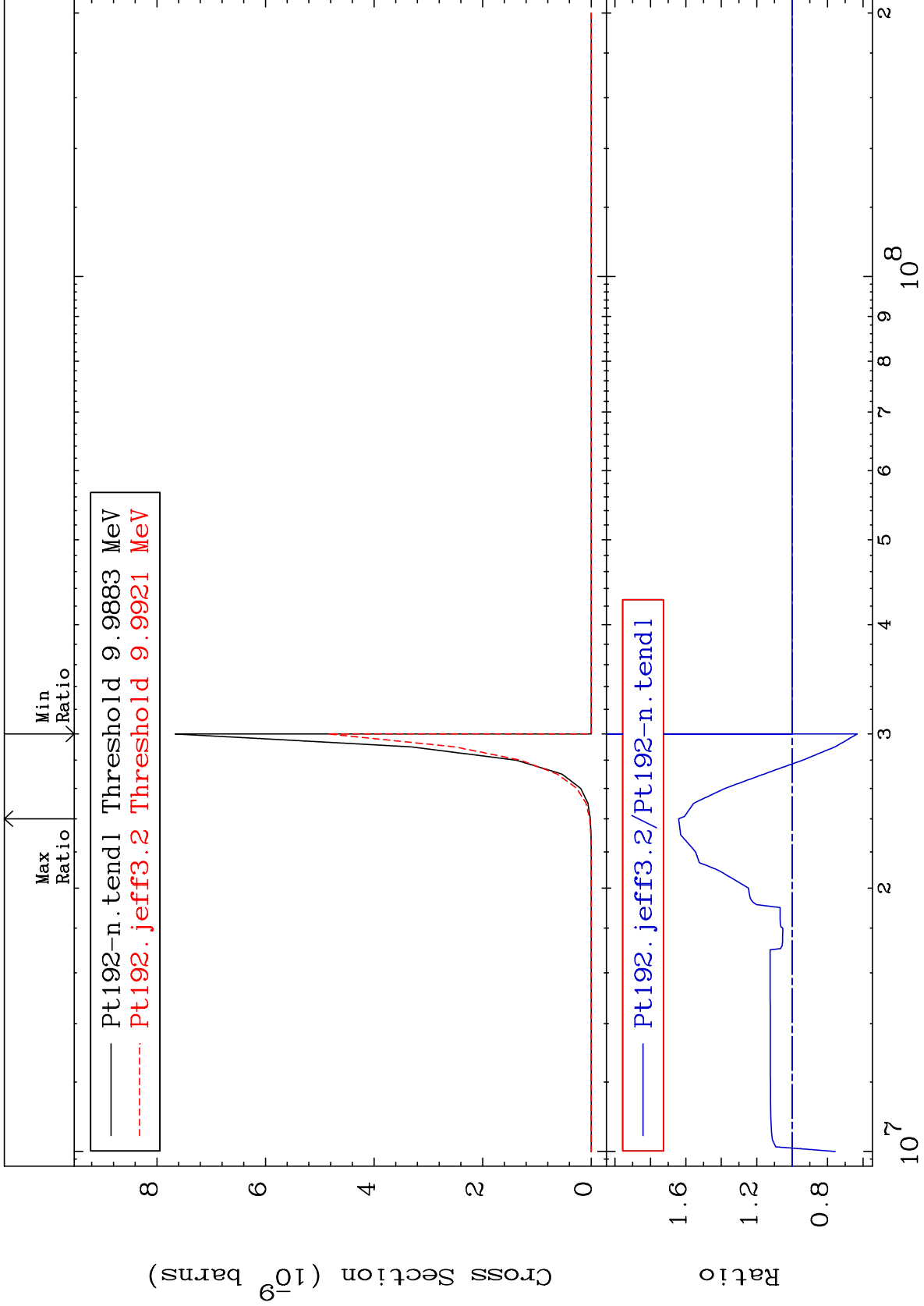
MAT 7831

(n, p) d: 76-0s-190g

78-Pt-192

Radionuclide Production Cross Section

-36.77 To 64.07 %



Incident Energy (eV)

78-Pt-192

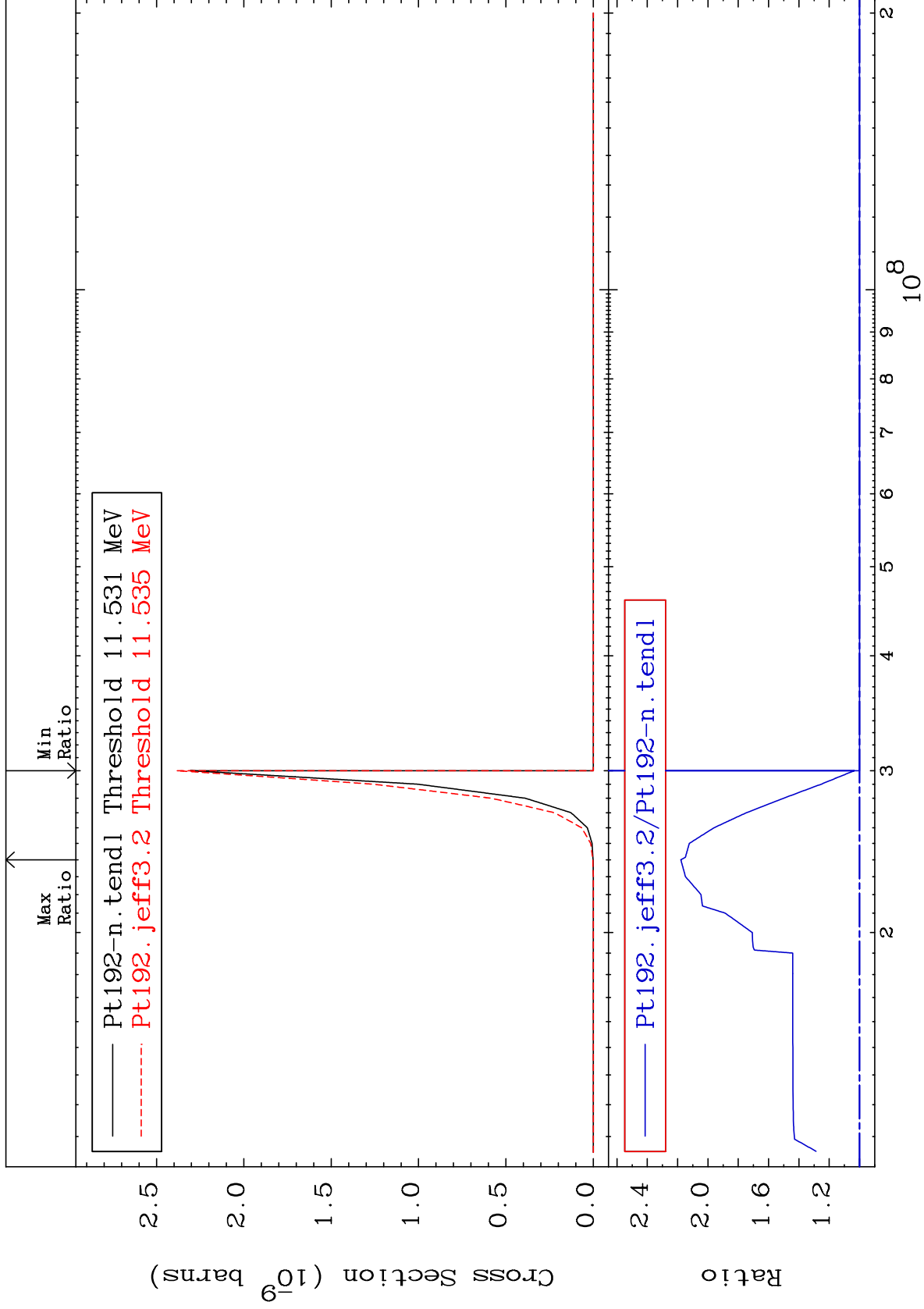
97

MAT 7831

(n, p) t: 76-0s-189g

78-Pt-192

Radionuclide Production Cross Section 0.000 To 117.9 %

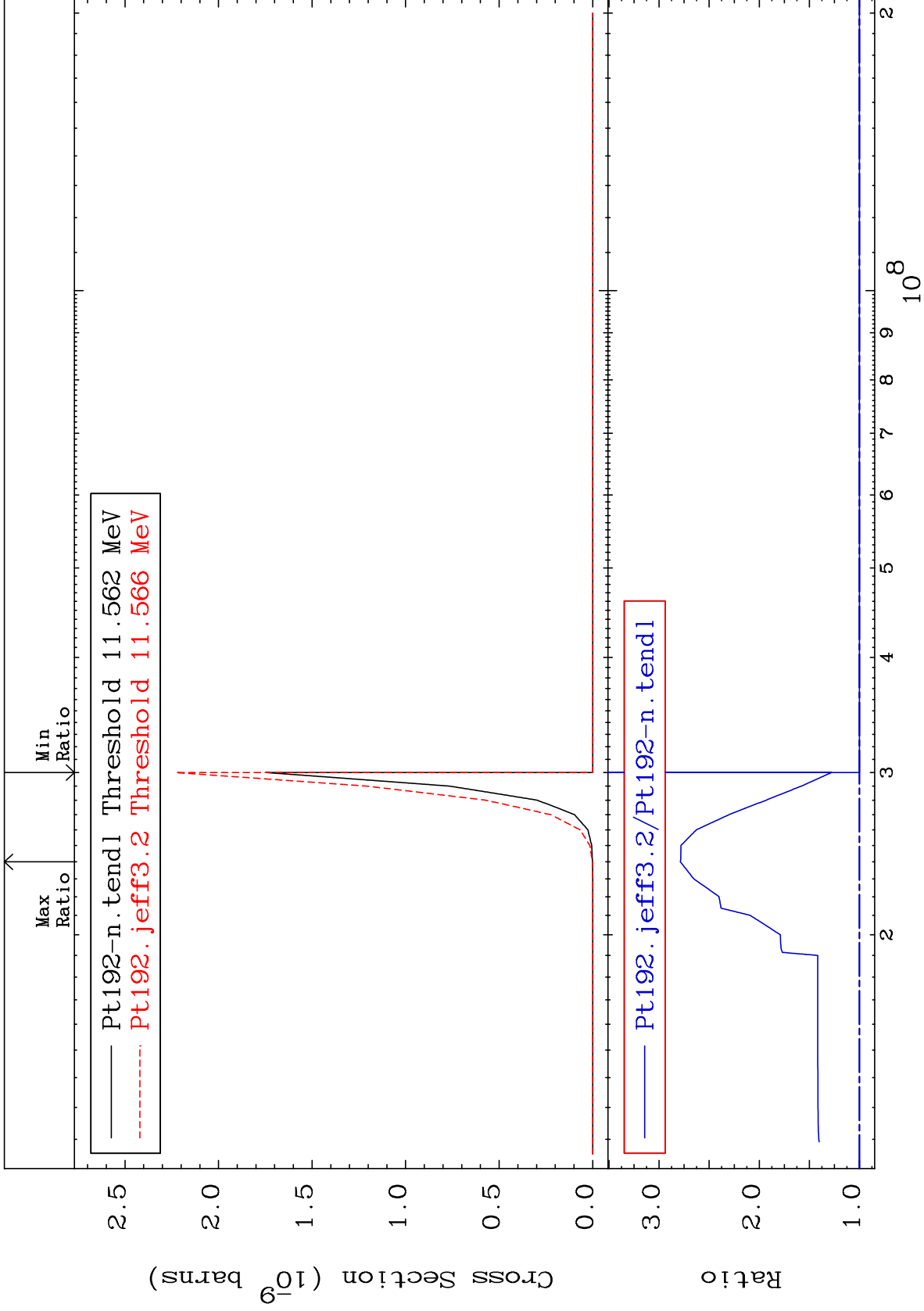


MAT 7831

(n,p) t:76-Os-189m1

78-Pt-192

Radionuclide Production Cross Section 0.000 To 178.8 %



99

Incident Energy (eV)

78-Pt-192