

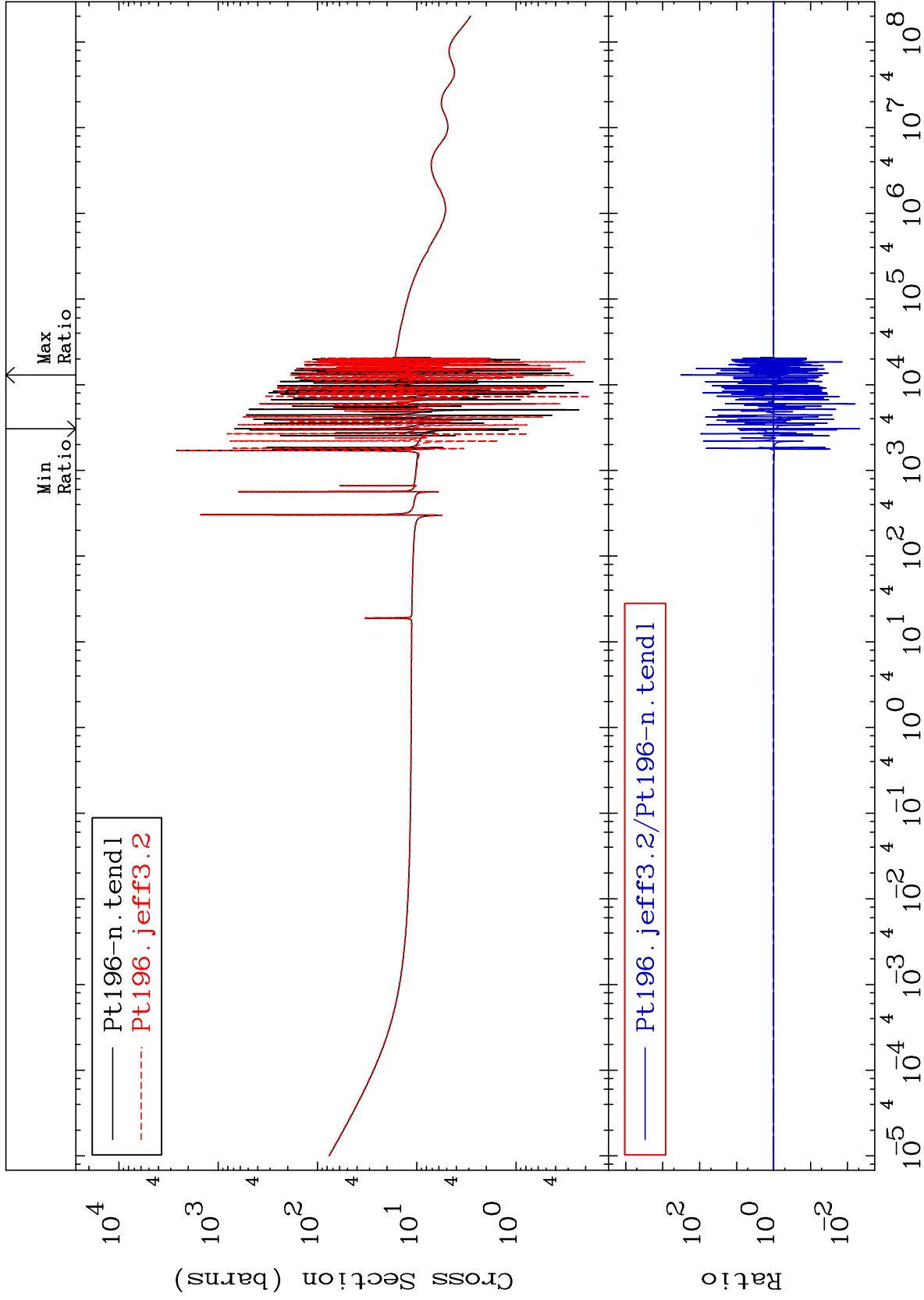
MAT 7843

Total

78-Pt-196

Cross Section

-99.53 To 9999. %



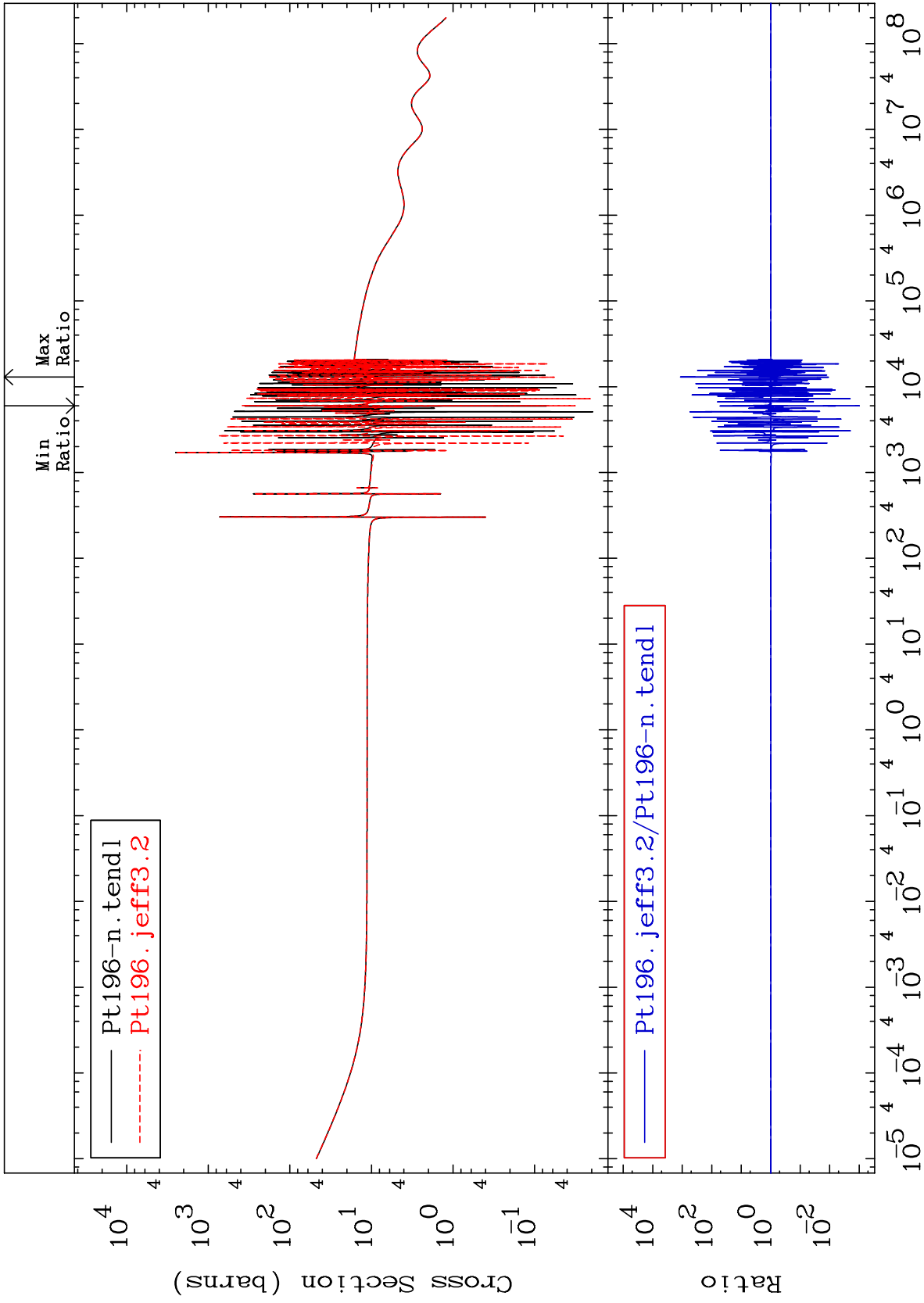
Incident Energy (eV)

78-Pt-196

MAT 7843

Elastic  
Cross Section

78-Pt-196  
-99.90 To 9999. %



Incident Energy (eV)

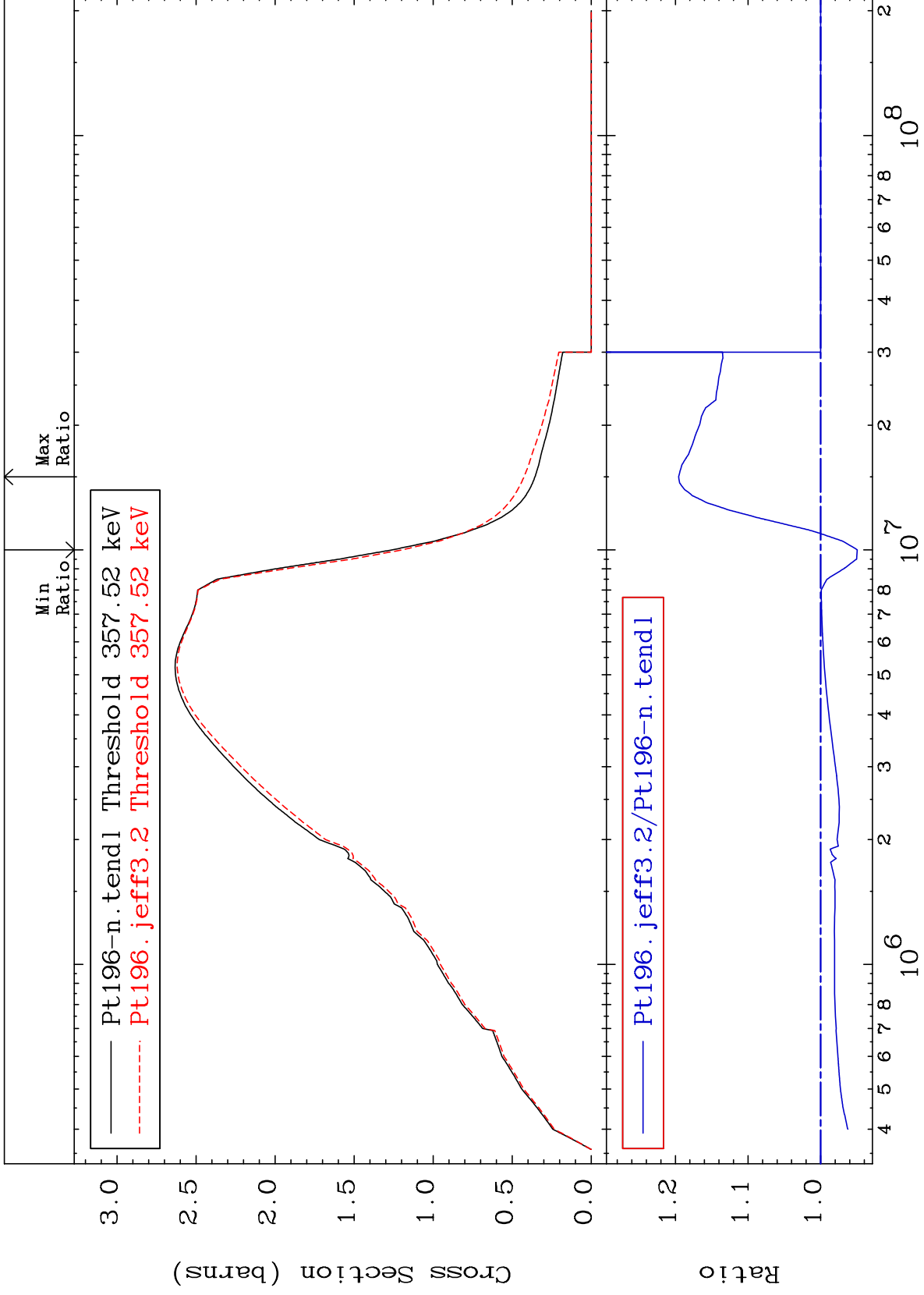
78-Pt-196

2

MAT 7843

Inelastic  
Cross Section

78-Pt-196  
-5.038 To 19.55 %



3

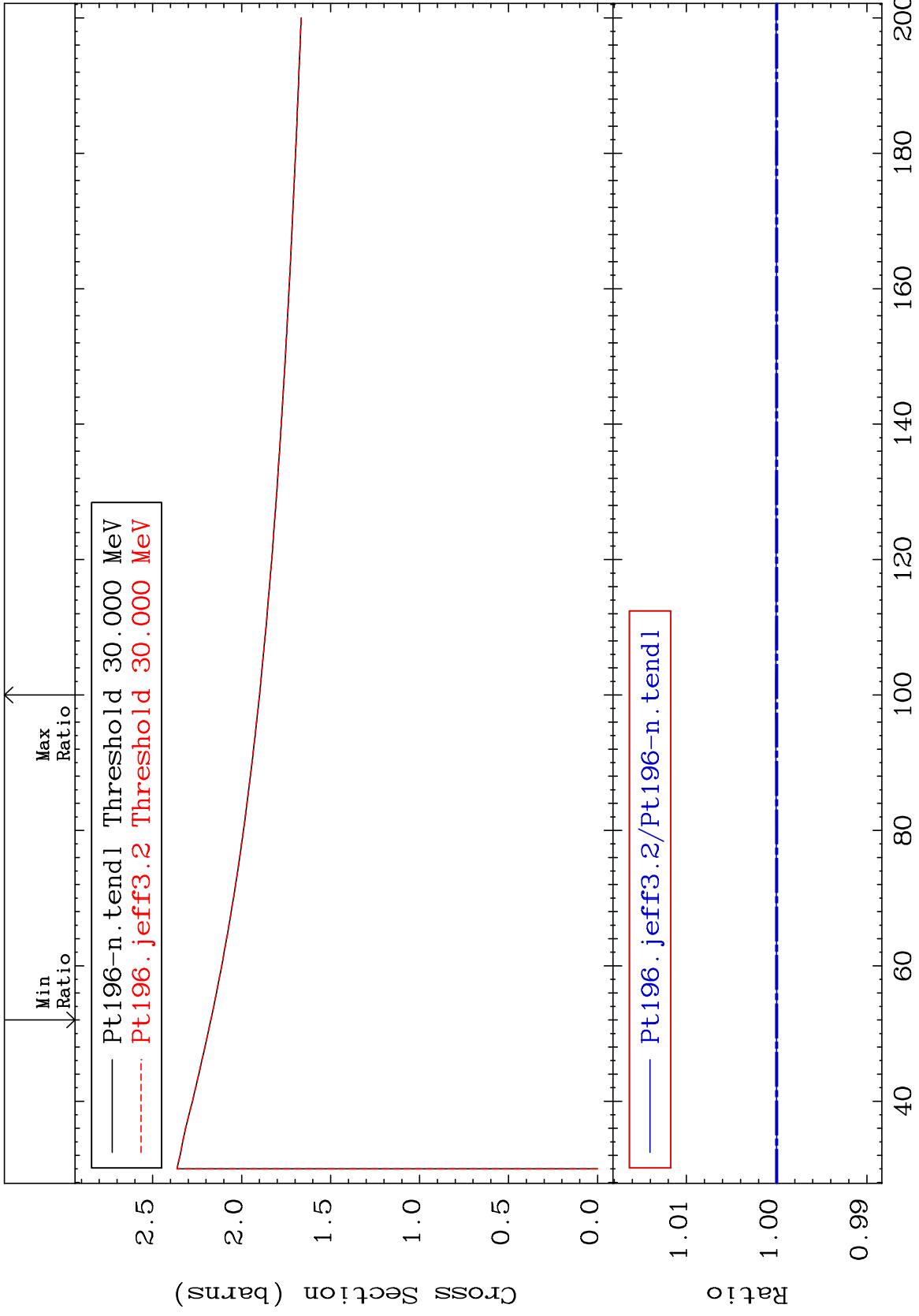
Incident Energy (eV)

78-Pt-196

MAT 7843

(n, remainder)  
Cross Section

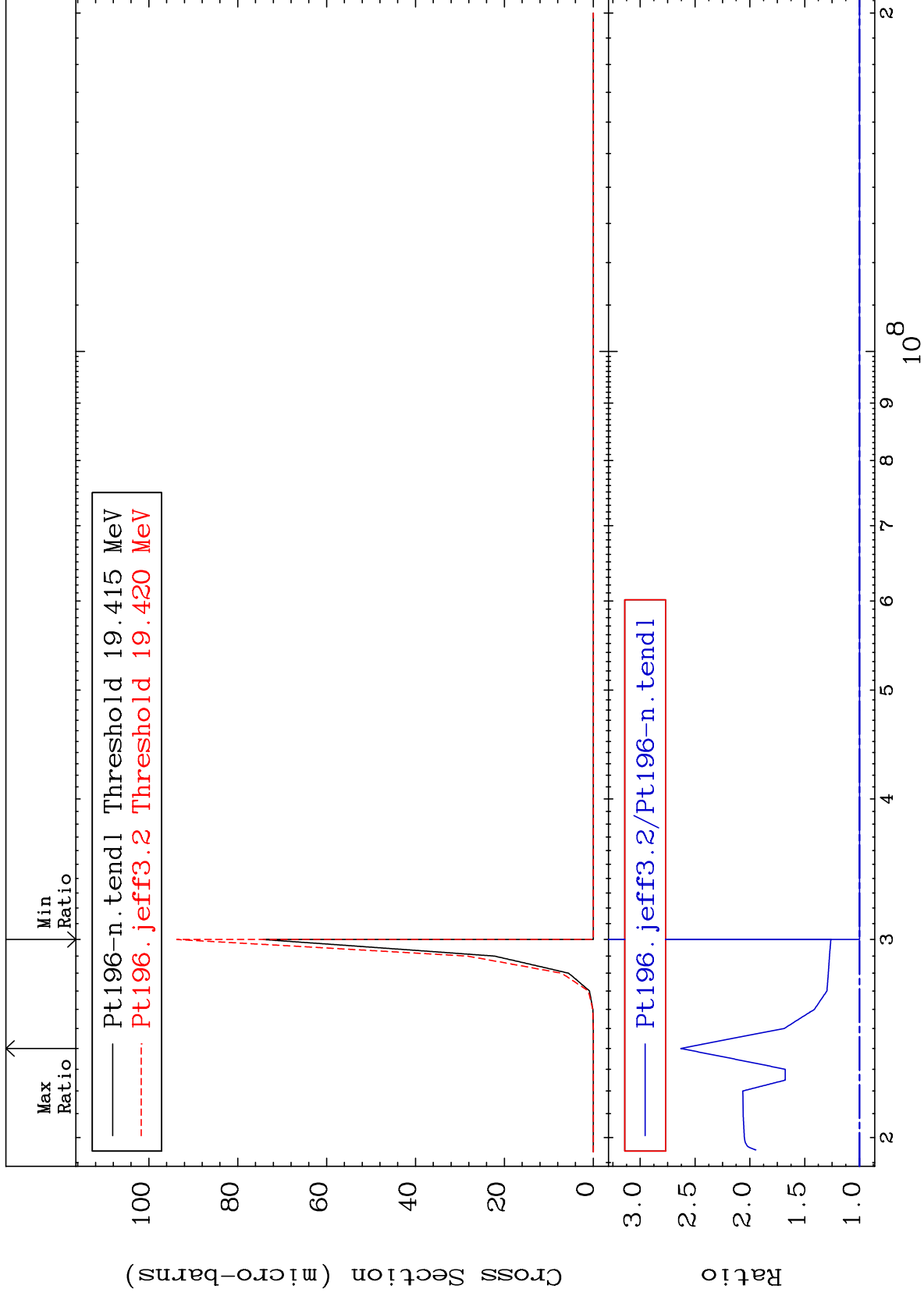
78-Pt-196  
-0.002 To 0.011 %



MAT 7843

(n,2n) d  
Cross Section

78-Pt-196  
To 163.0 %  
0.000



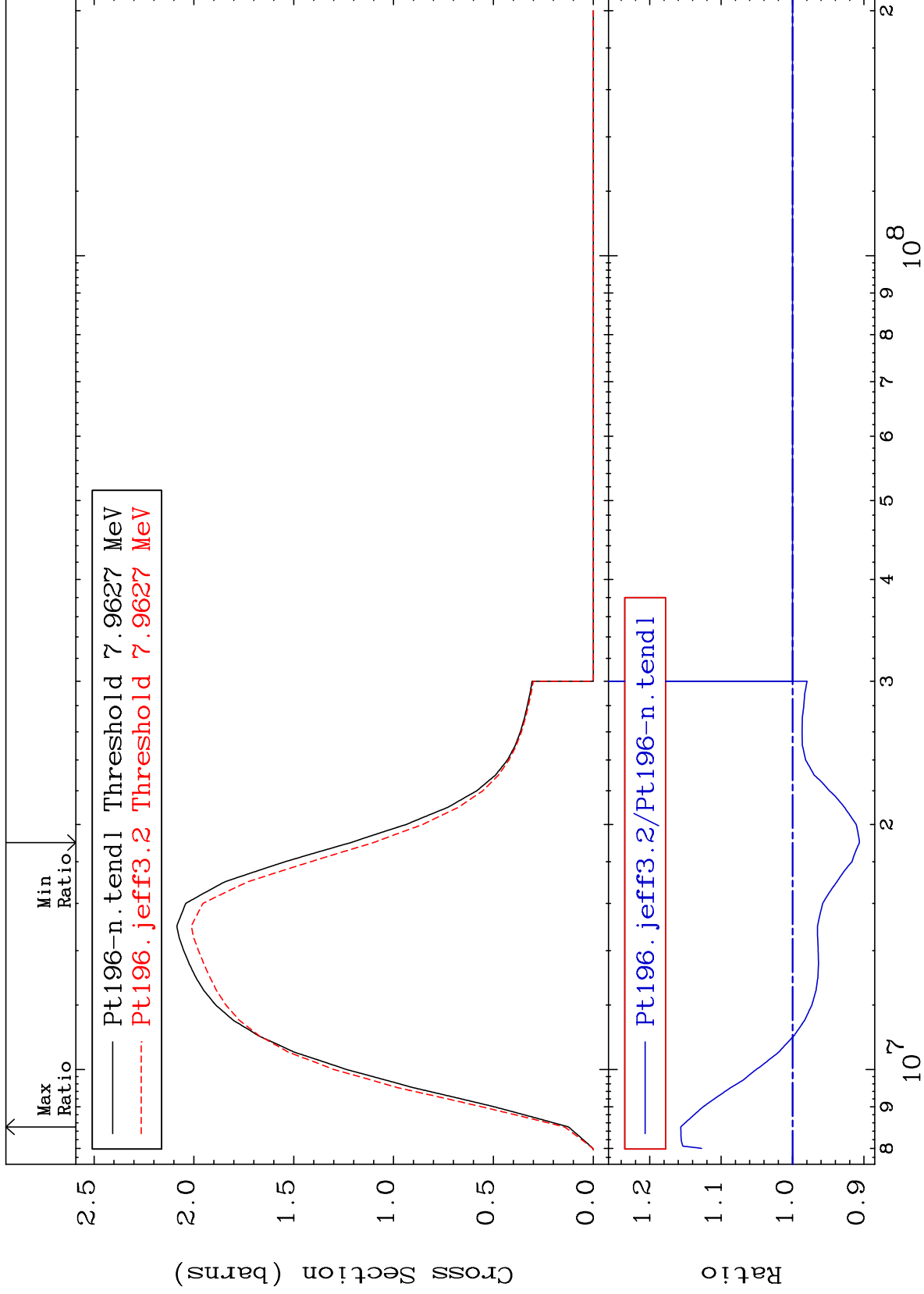
MAT 7843

(n,2n)

78-Pt-196

Cross Section

-9.381 To 15.65 %



6

Incident Energy (eV)

78-Pt-196

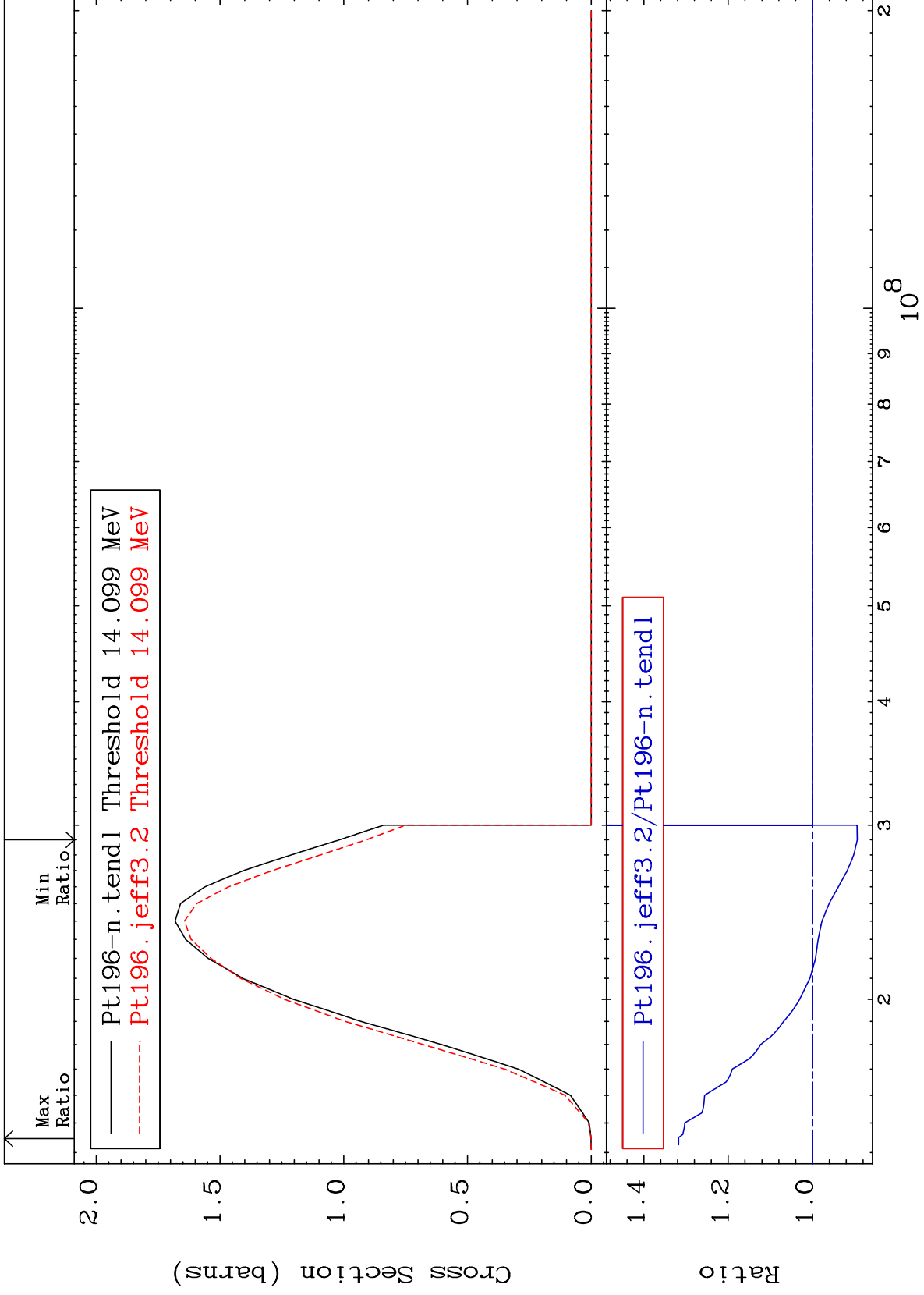
MAT 7843

(n,3n)

78-Pt-196

Cross Section

-10.63 To 31.76 %

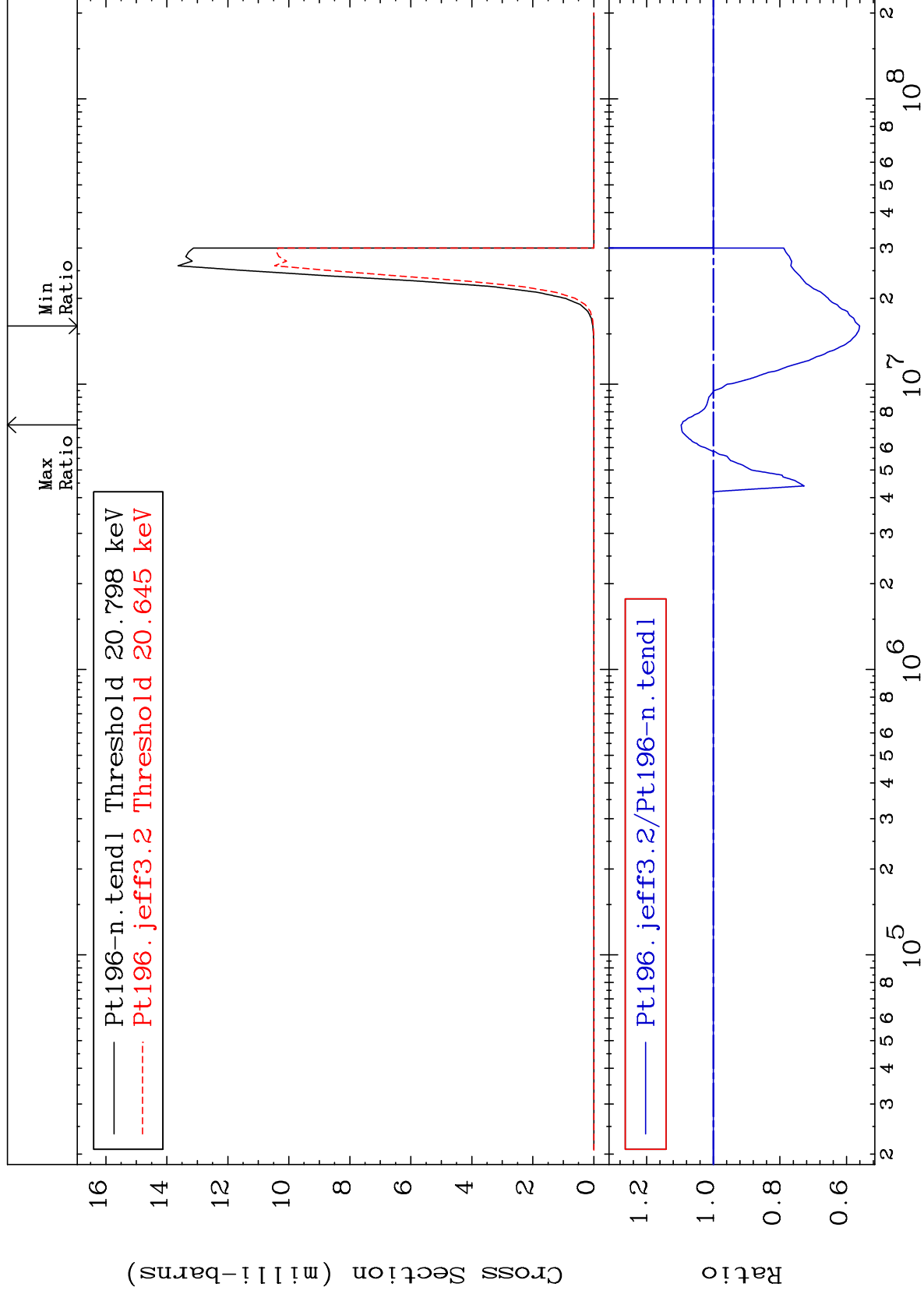


MAT 7843

78-Pt-196

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

-43.91 To 9.633 %

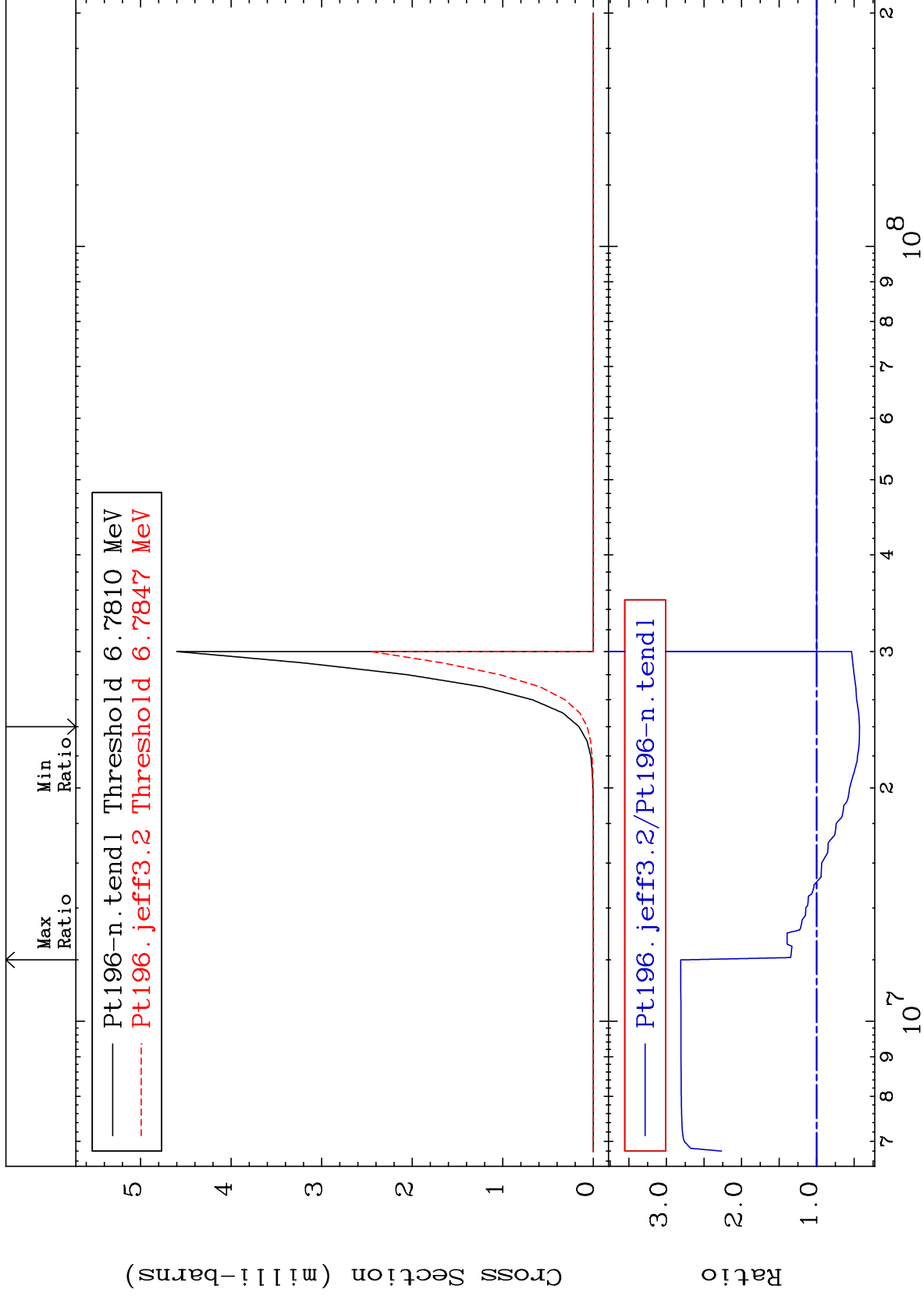




MAT 7843

(n,2n)  $\alpha$   
Cross Section

78-Pt-196  
-57.11 To 180.9 %



9

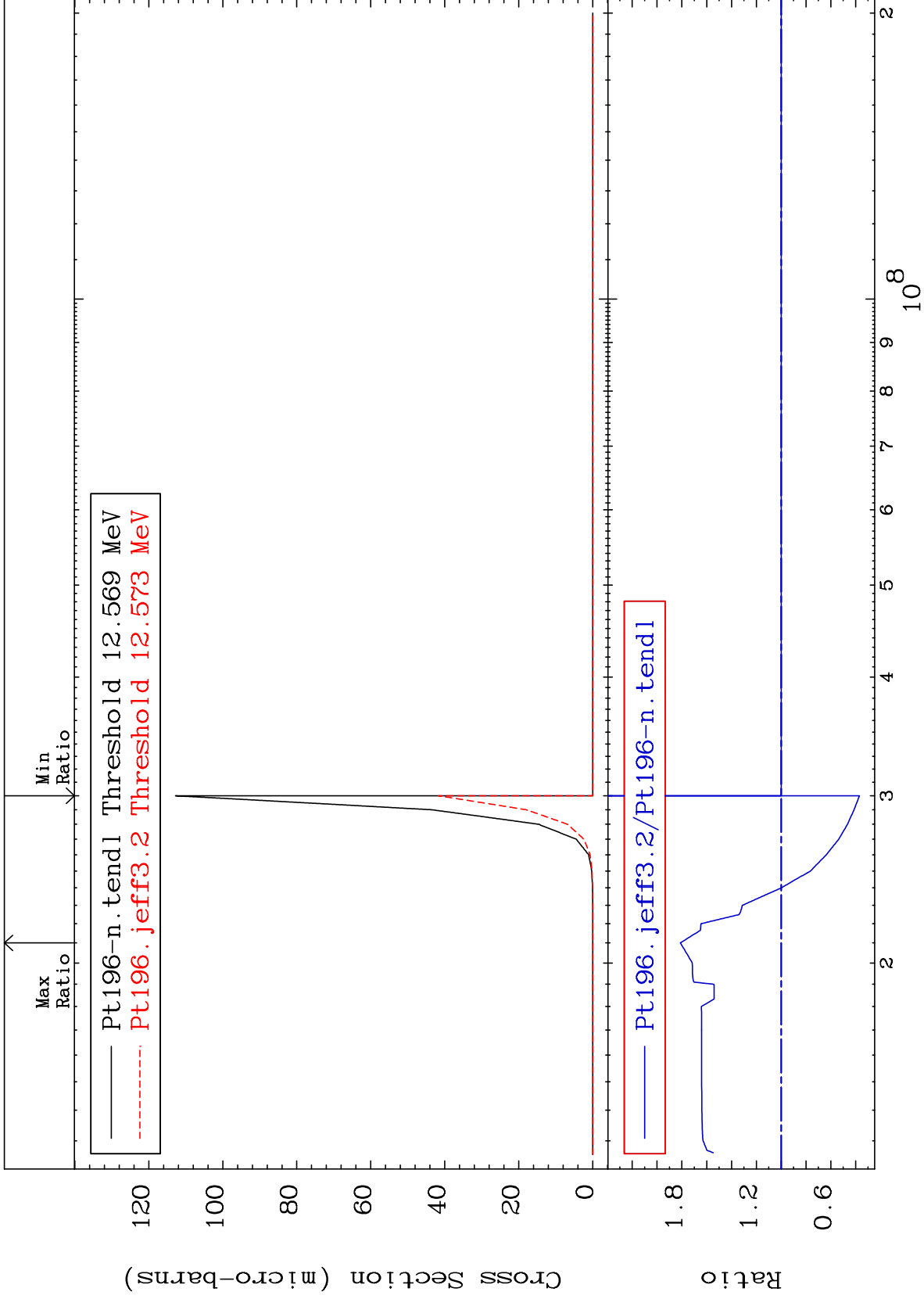
Incident Energy (eV)

78-Pt-196

MAT 7843

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

78-Pt-196  
-63.03 To 81.21 %



10

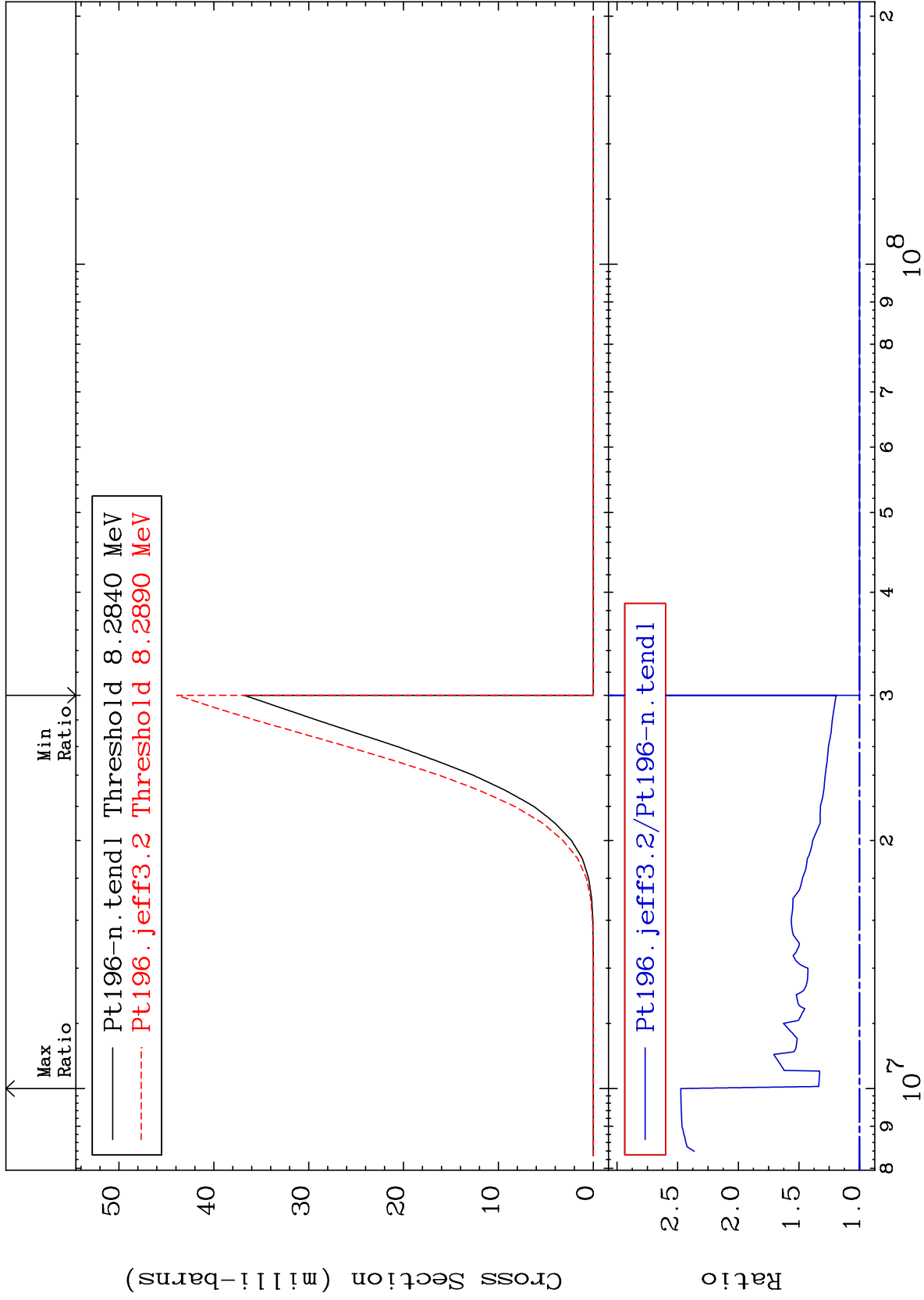
Incident Energy (eV)

78-Pt-196

MAT 7843

(n,n') p  
Cross Section

78-Pt-196  
To 147.5 %  
0.000



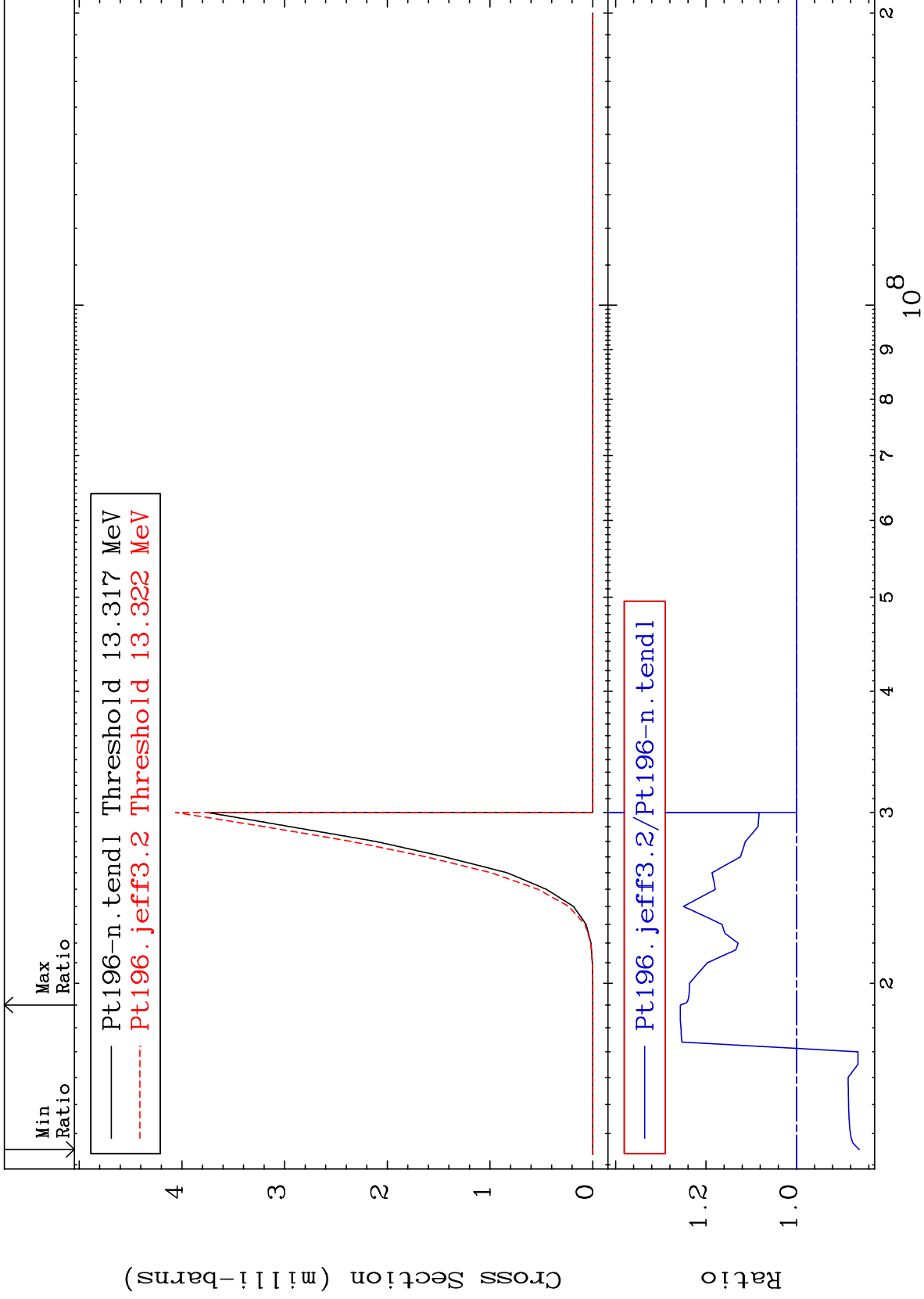
11

78-Pt-196

MAT 7843

(n,n') d  
Cross Section

78-Pt-196  
-13.94 To 25.68 %



12

Incident Energy (eV)

78-Pt-196

MAT 7843

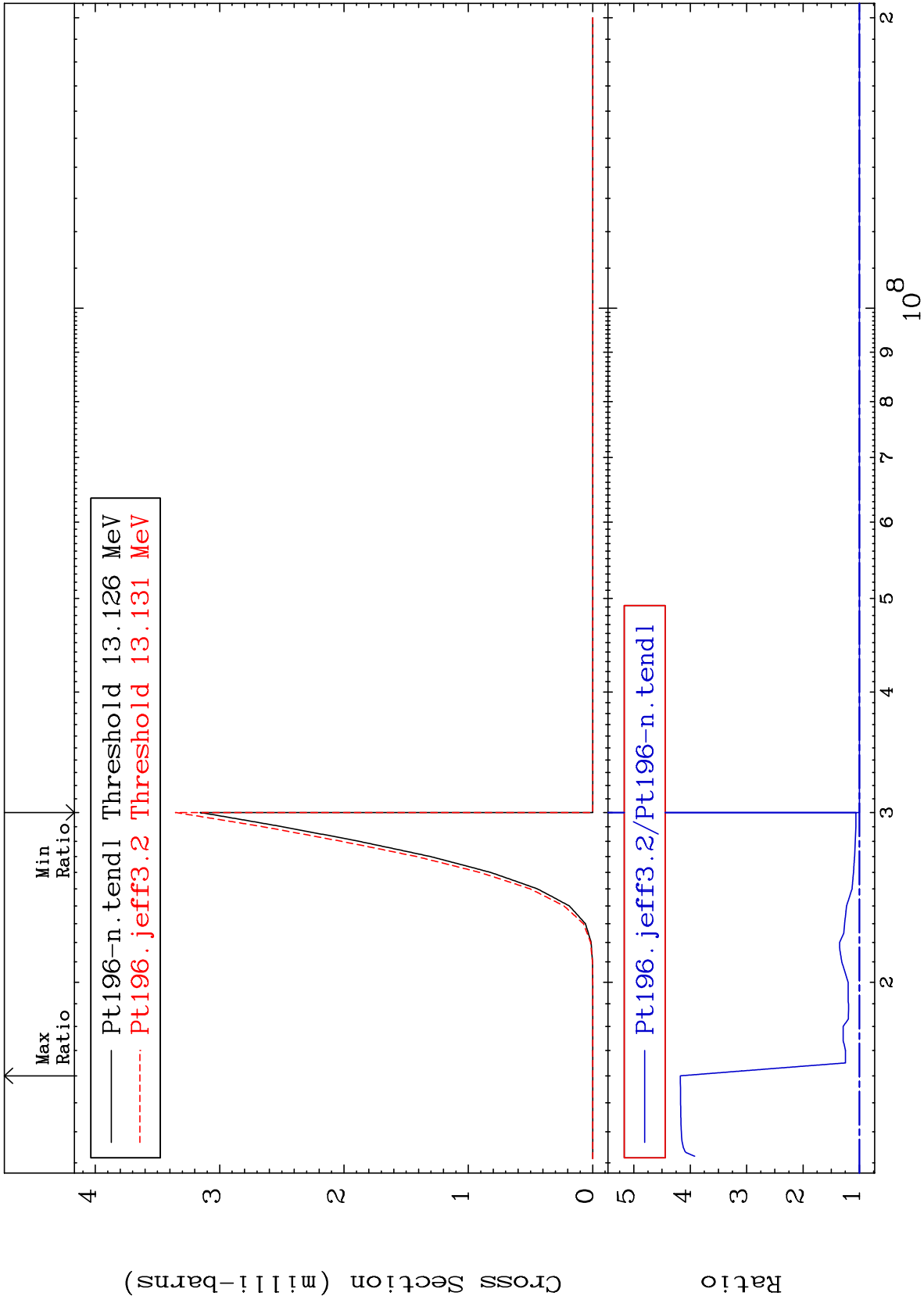
(n, n') t

78-Pt-196

Cross Section

0.000

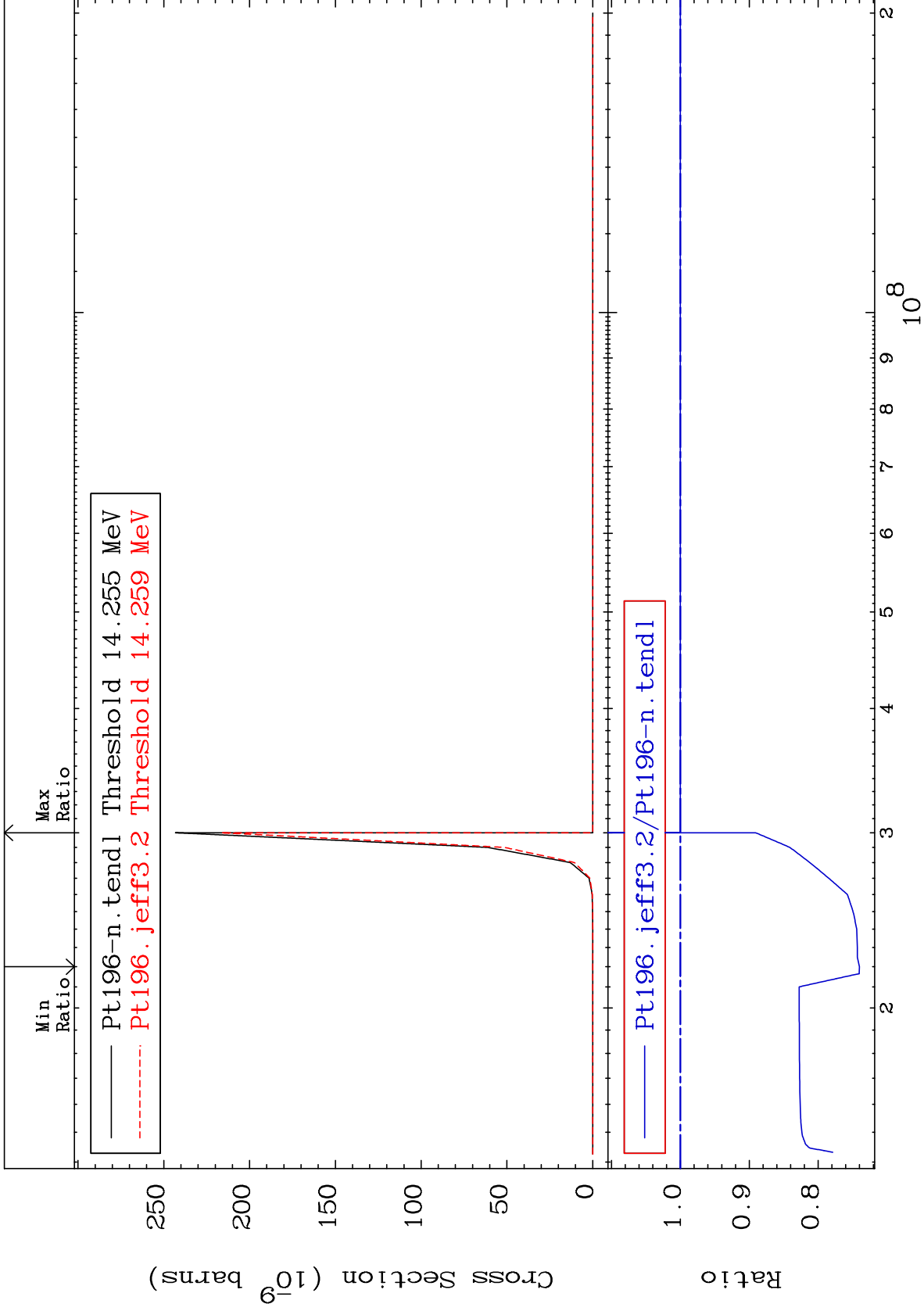
To 317.5 %



MAT 7843

(n, n') He-3  
Cross Section

78-Pt-196  
-25.99 To 0.000 %



MAT 7843

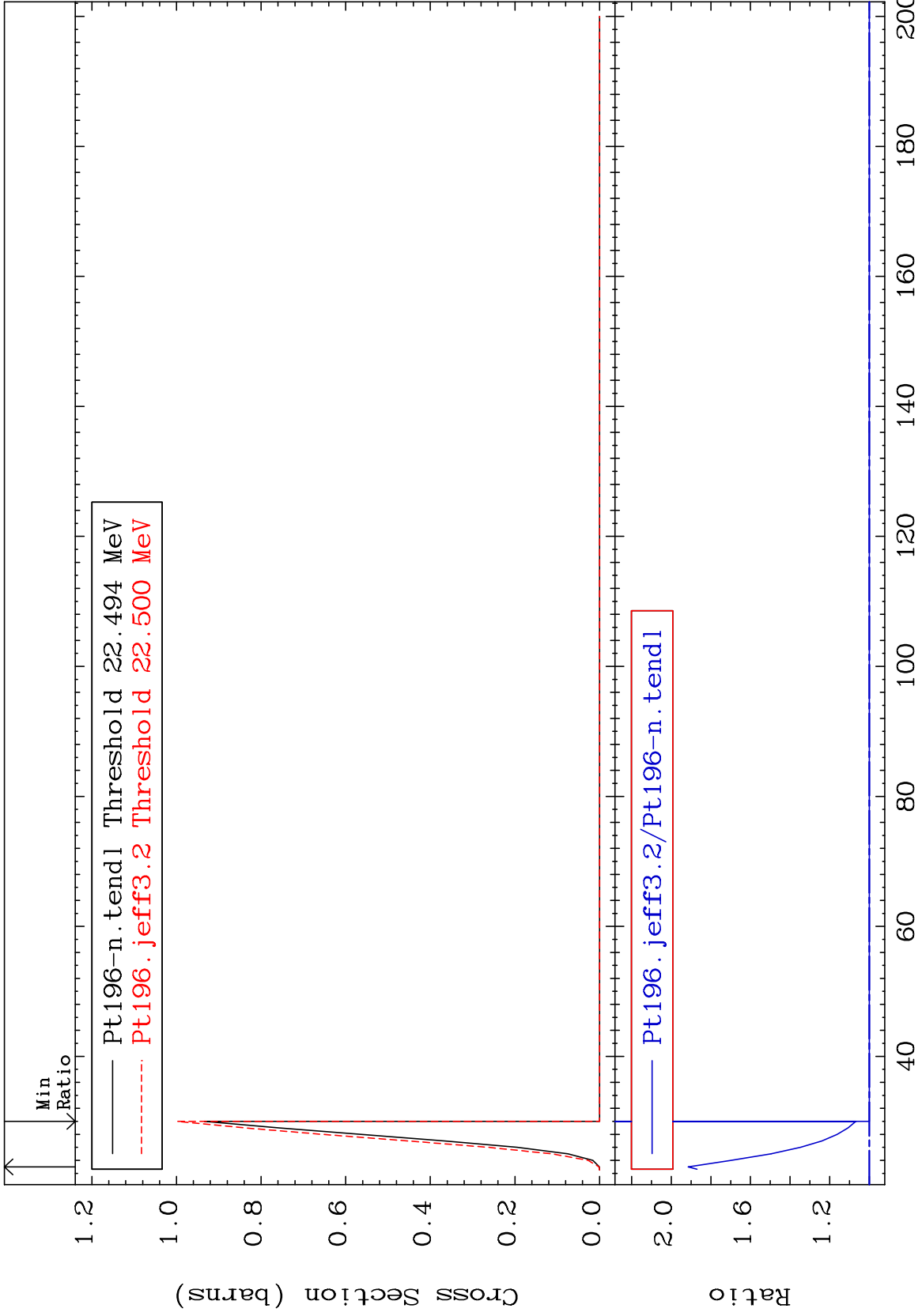
(n,4n)

78-Pt-196

Cross Section

0.000

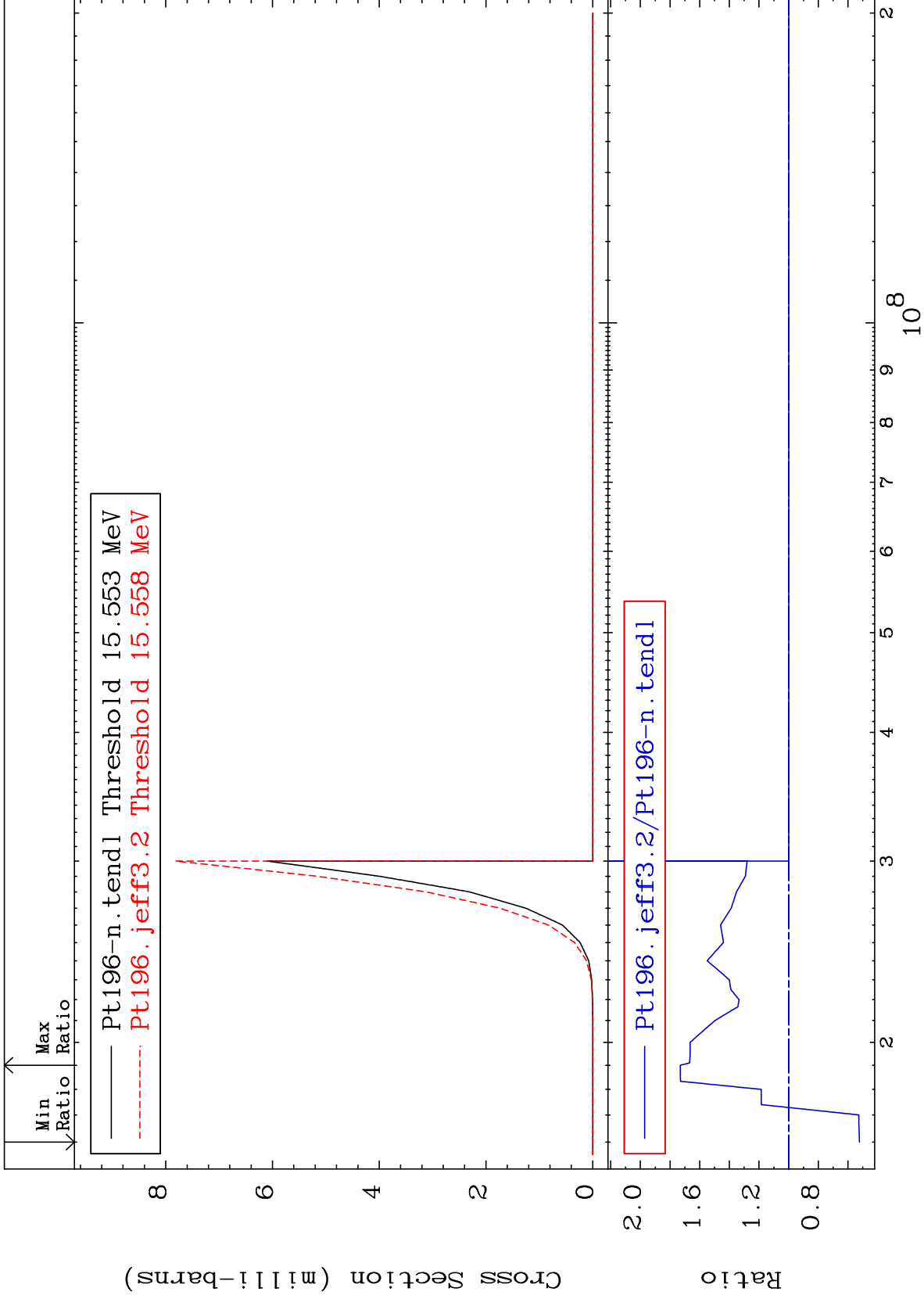
To 91.43 %



MAT 7843

(n,2n) p  
Cross Section

78-Pt-196  
-47.71 To 73.04 %

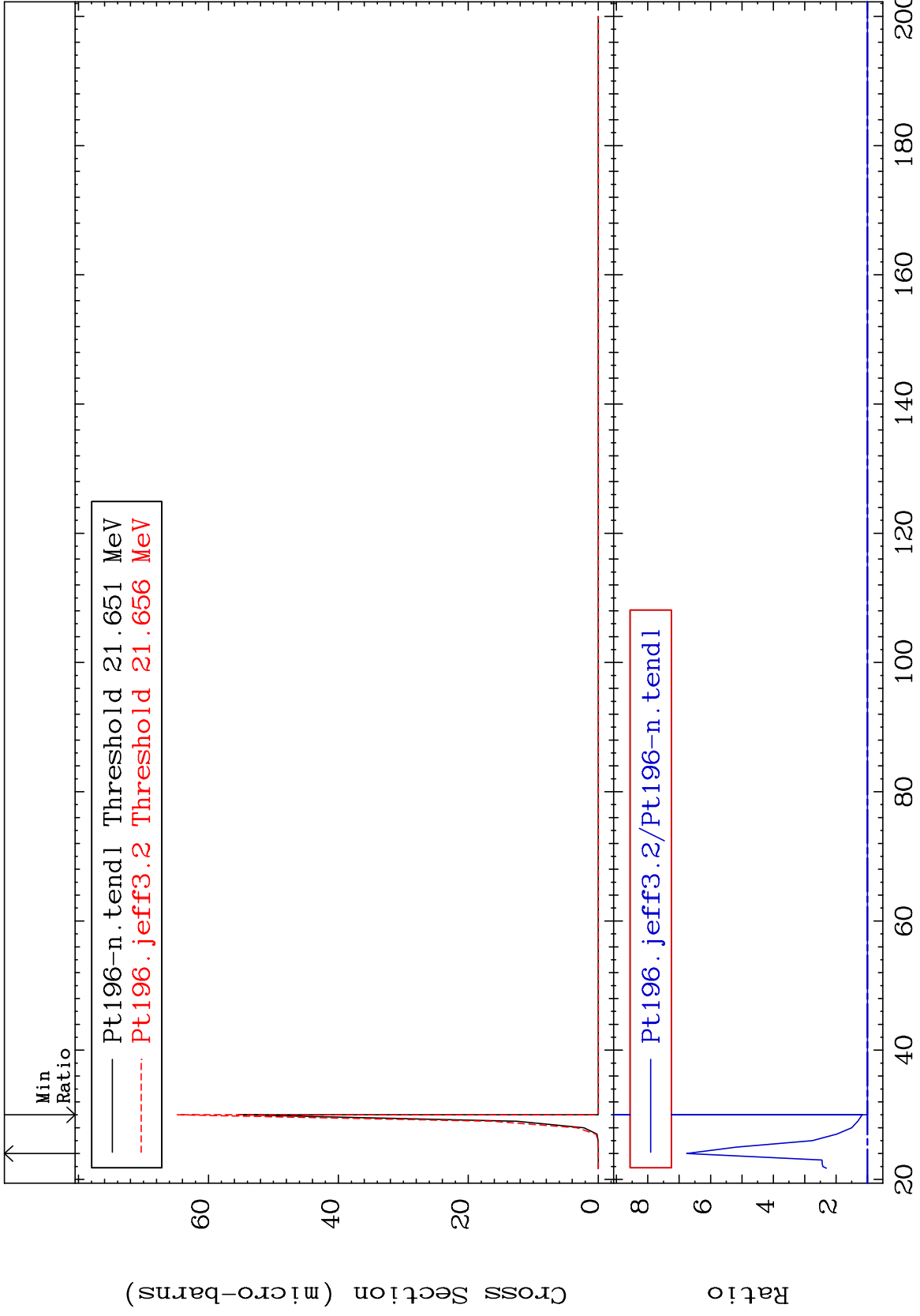




MAT 7843

(n,3n) p  
Cross Section

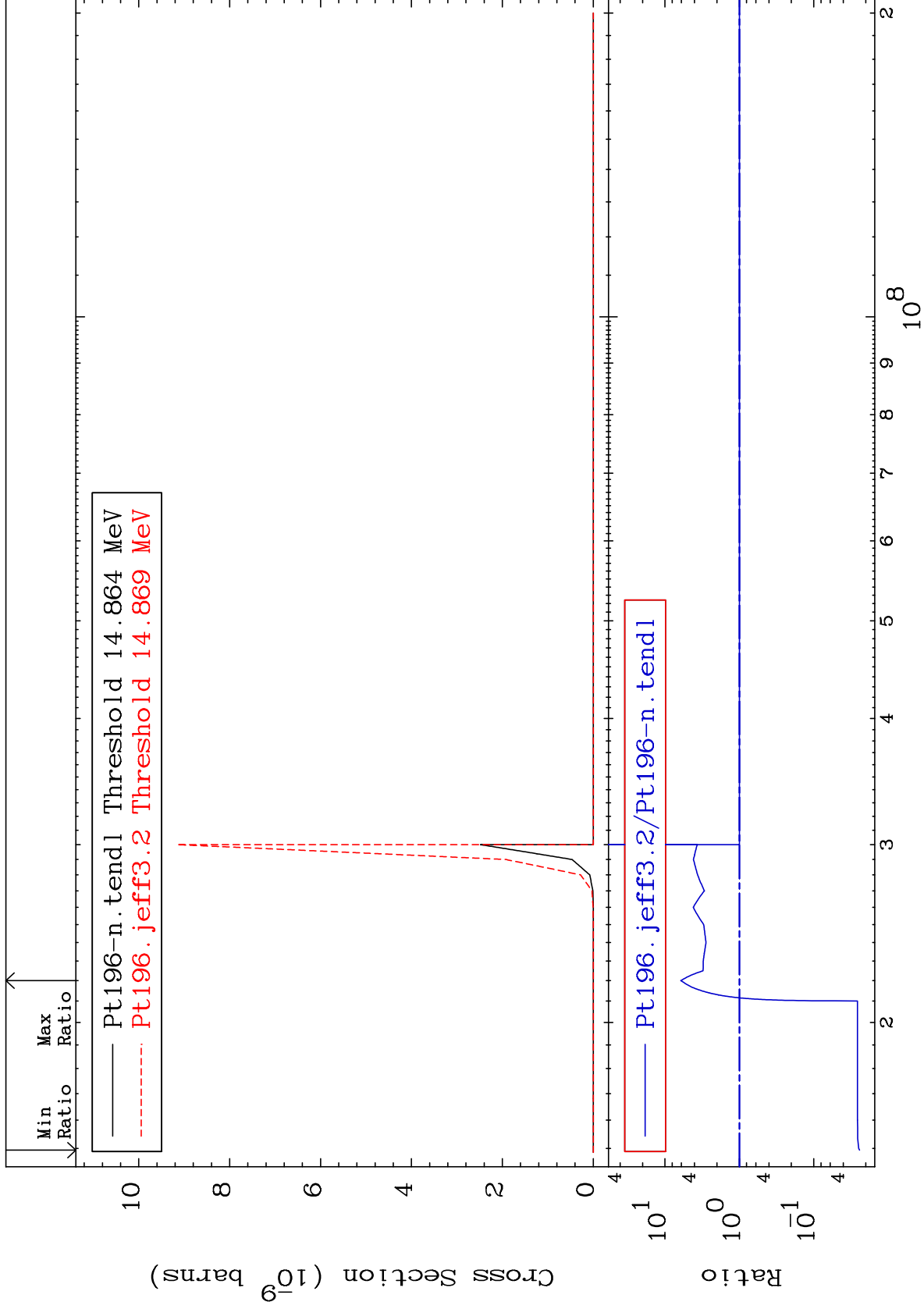
78-Pt-196  
To 576.0 %  
0.000



MAT 7843

(n,2n) p  
Cross Section

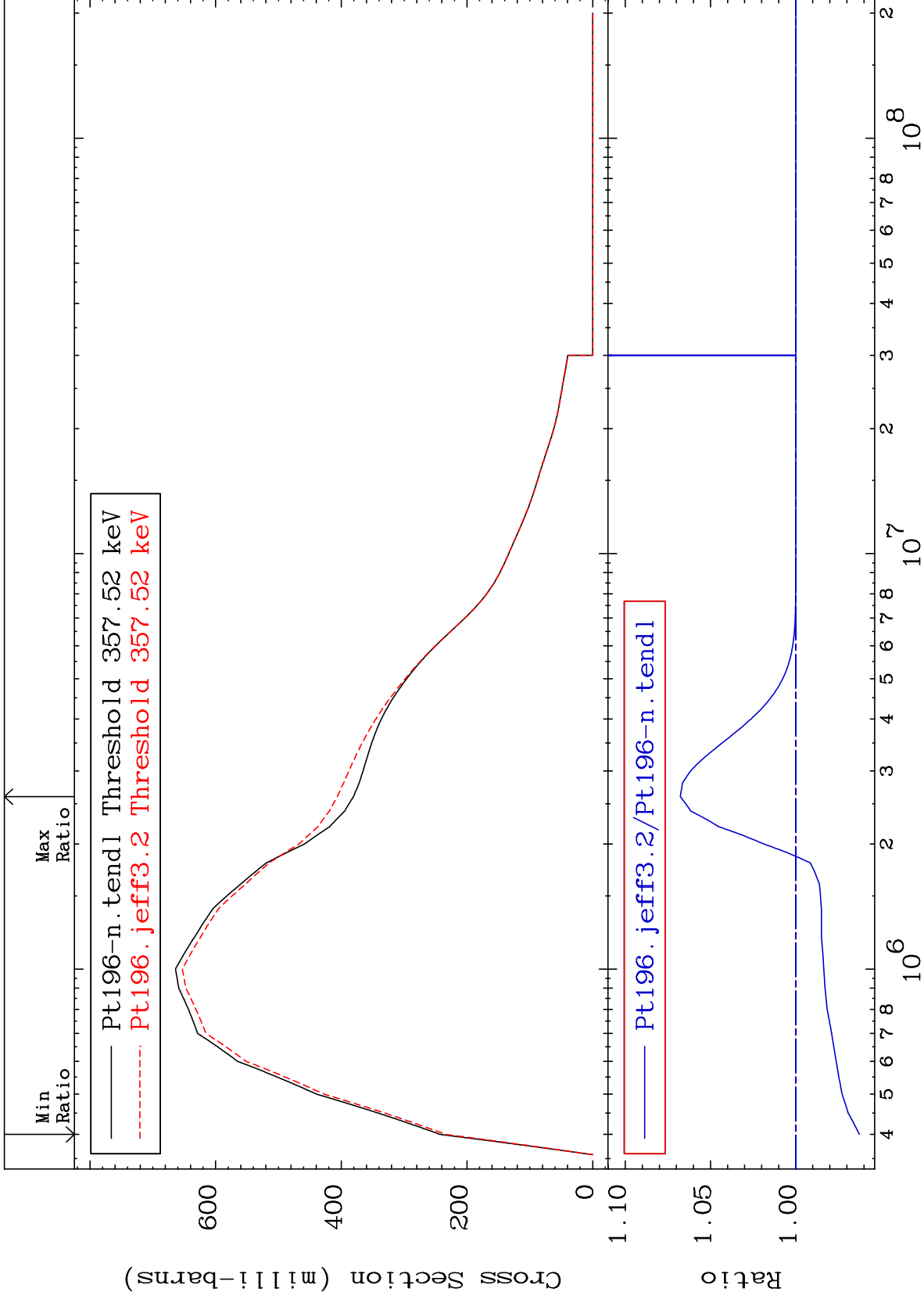
78-Pt-196  
-97.58 To 512.7 %



MAT 7843

355.7 keV (n,n') Level  
Cross Section

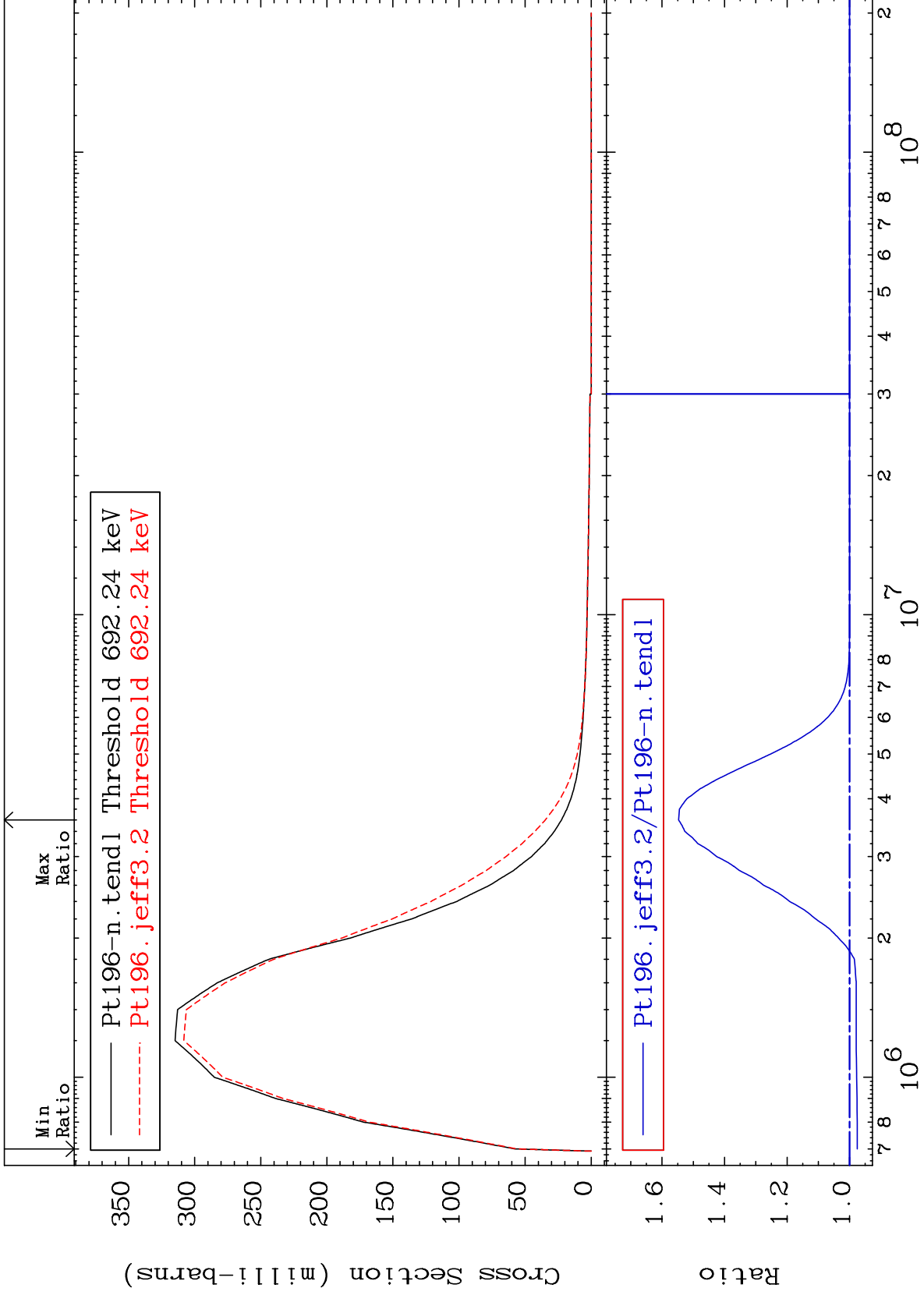
78-Pt-196  
-3.735 To 6.770 %



MAT 7843

688.7 keV (n,n') Level  
Cross Section

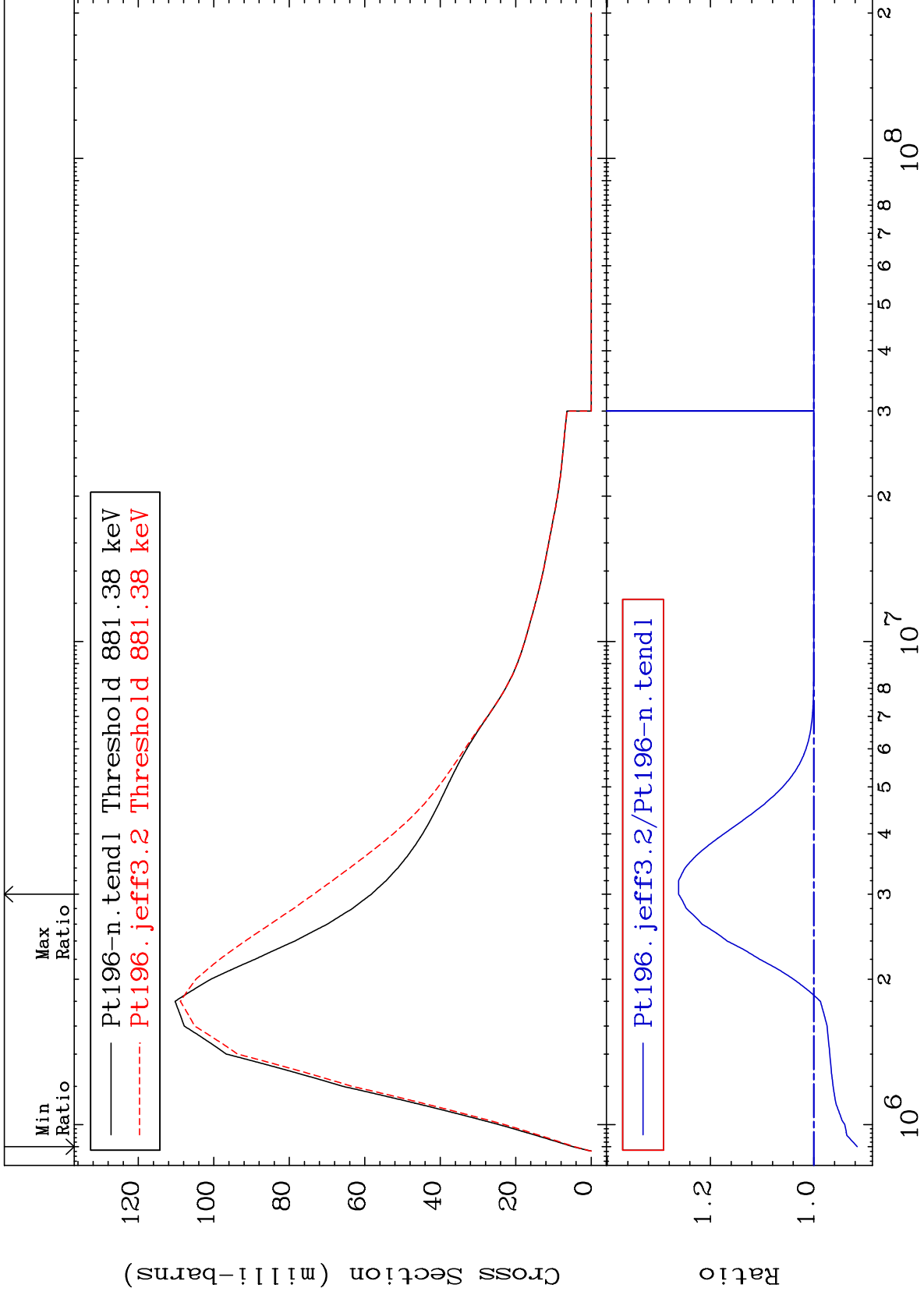
78-Pt-196  
-2.449 To 54.69 %



MAT 7843

876.9 keV (n,n') Level  
Cross Section

78-Pt-196  
-8.406 To 26.17 %



21

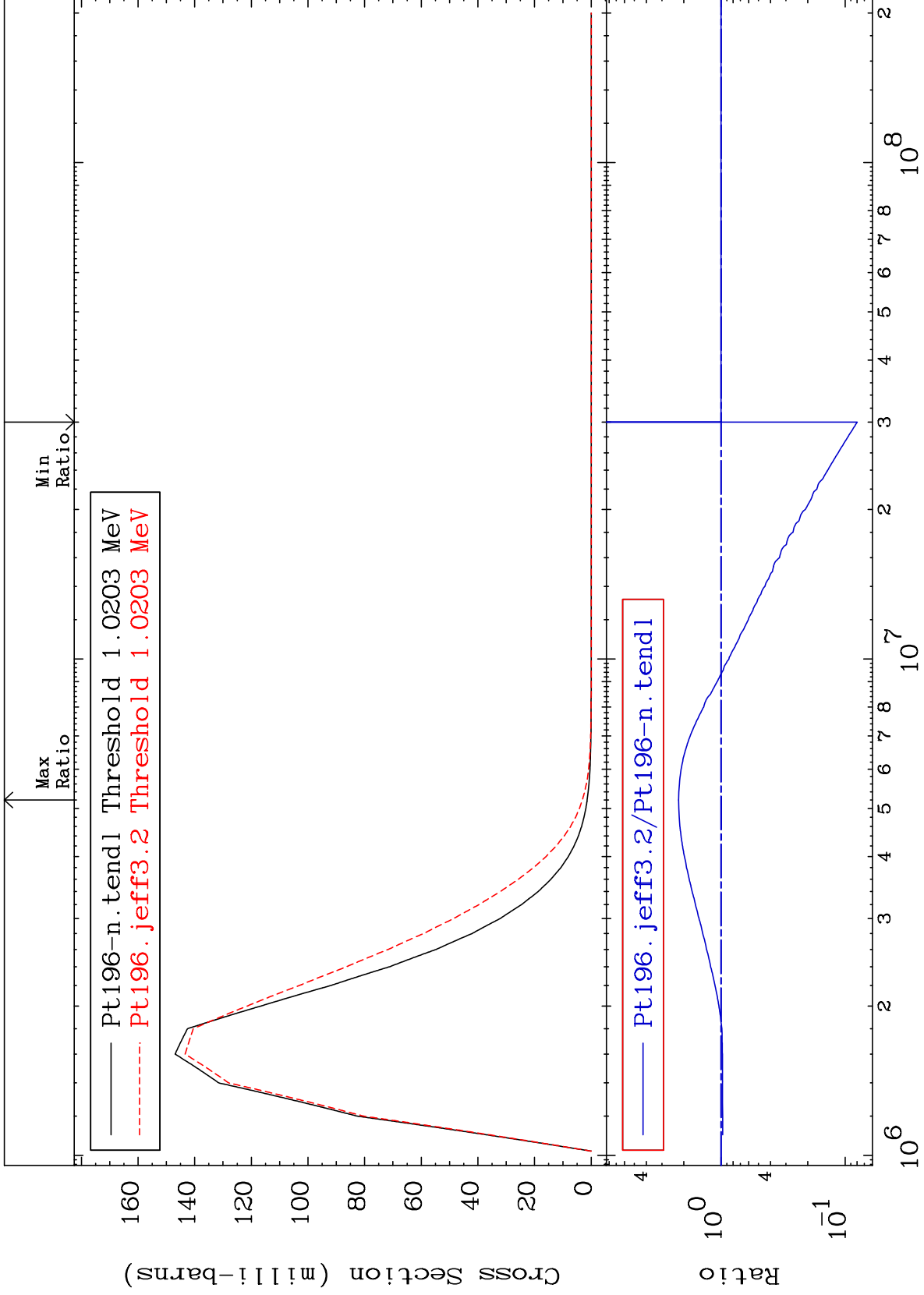
Incident Energy (eV)

78-Pt-196

MAT 7843

1.015 MeV (n,n') Level  
Cross Section

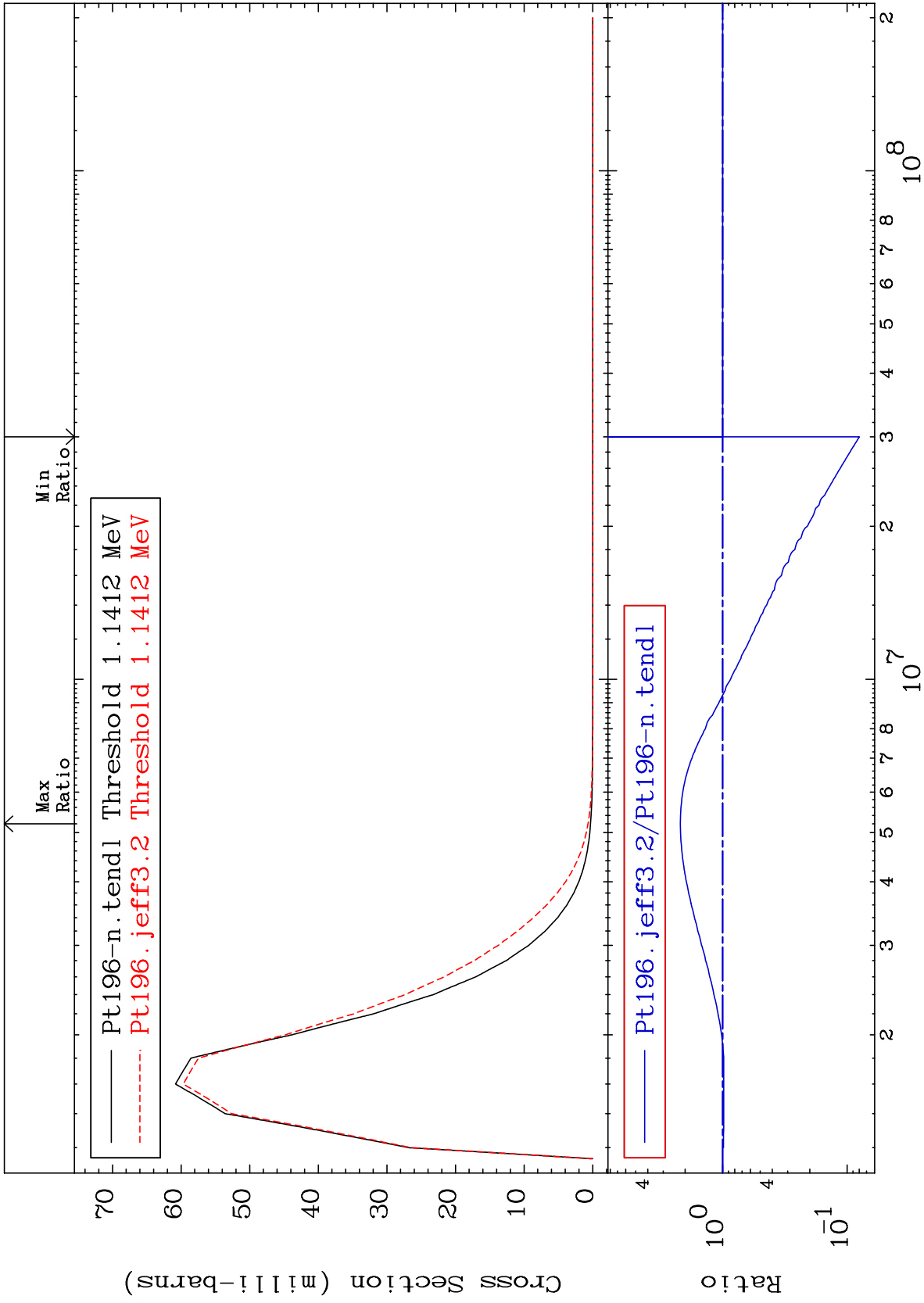
78-Pt-196  
-92.02 To 119.9 %



MAT 7843

1.135 MeV (n,n') Level  
Cross Section

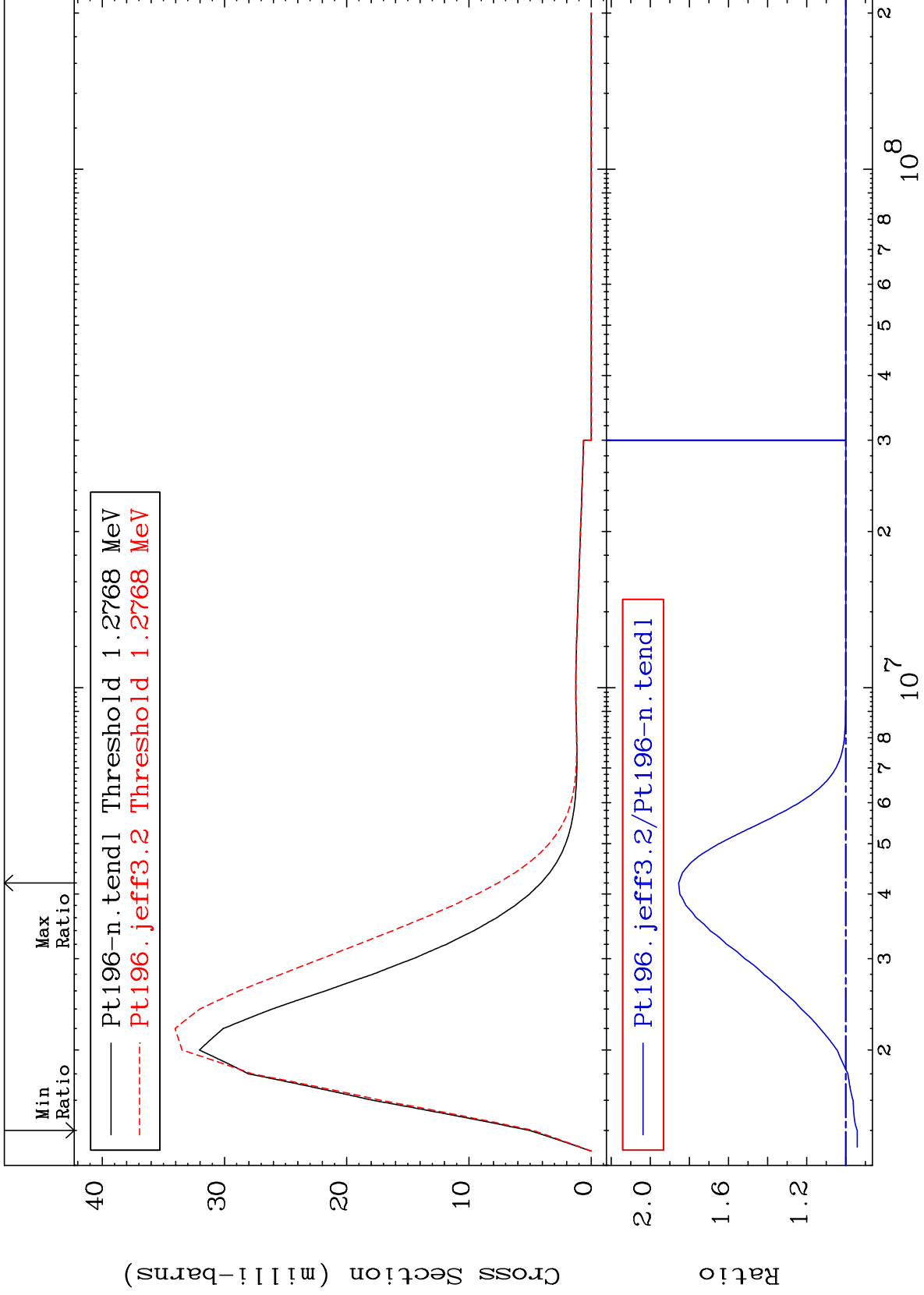
78-Pt-196  
-92.02 To 118.7 %



MAT 7843

1.270 MeV (n,n') Level  
Cross Section

78-Pt-196  
-5.901 To 85.49 %

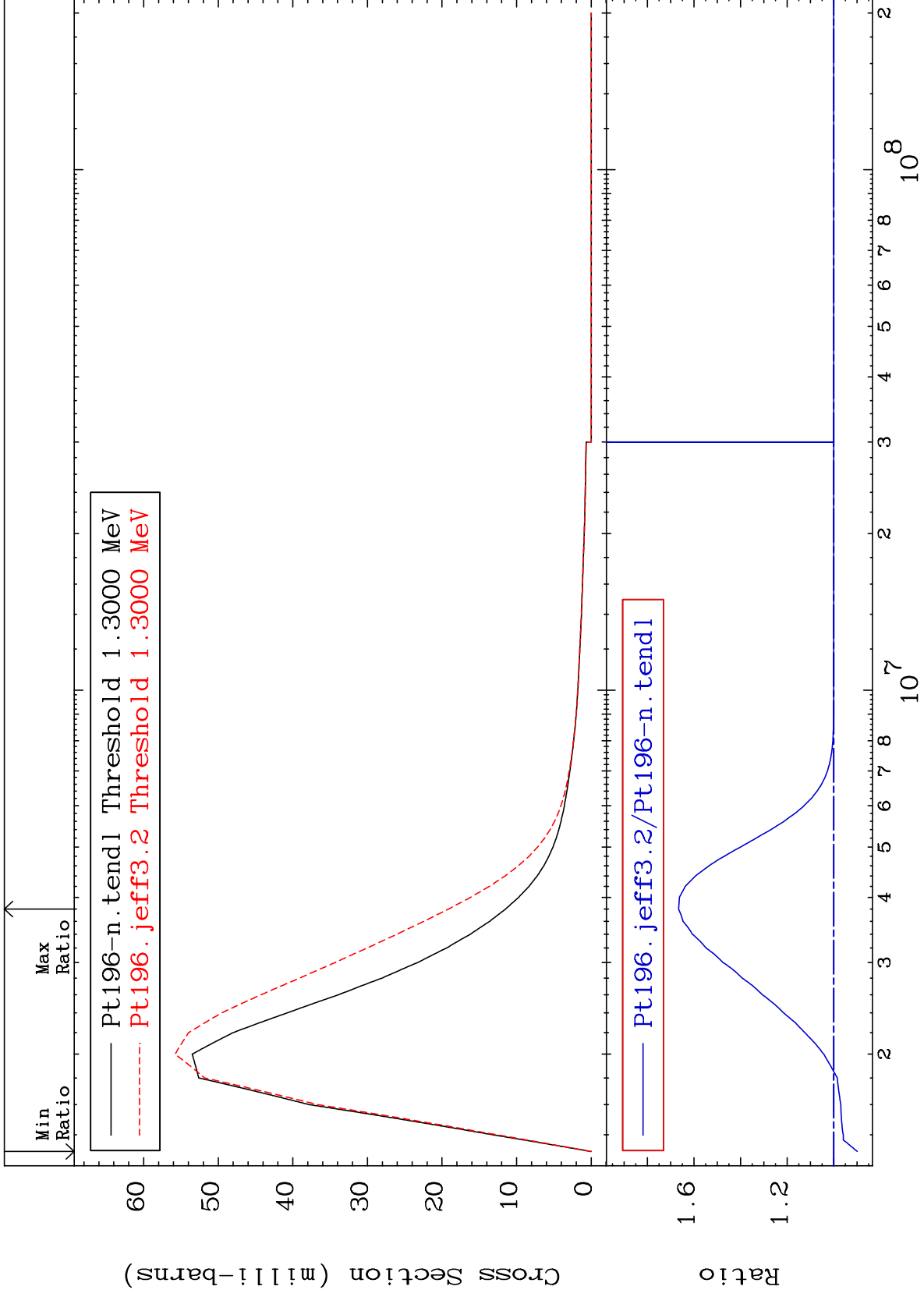




MAT 7843

1.293 MeV (n,n') Level  
Cross Section

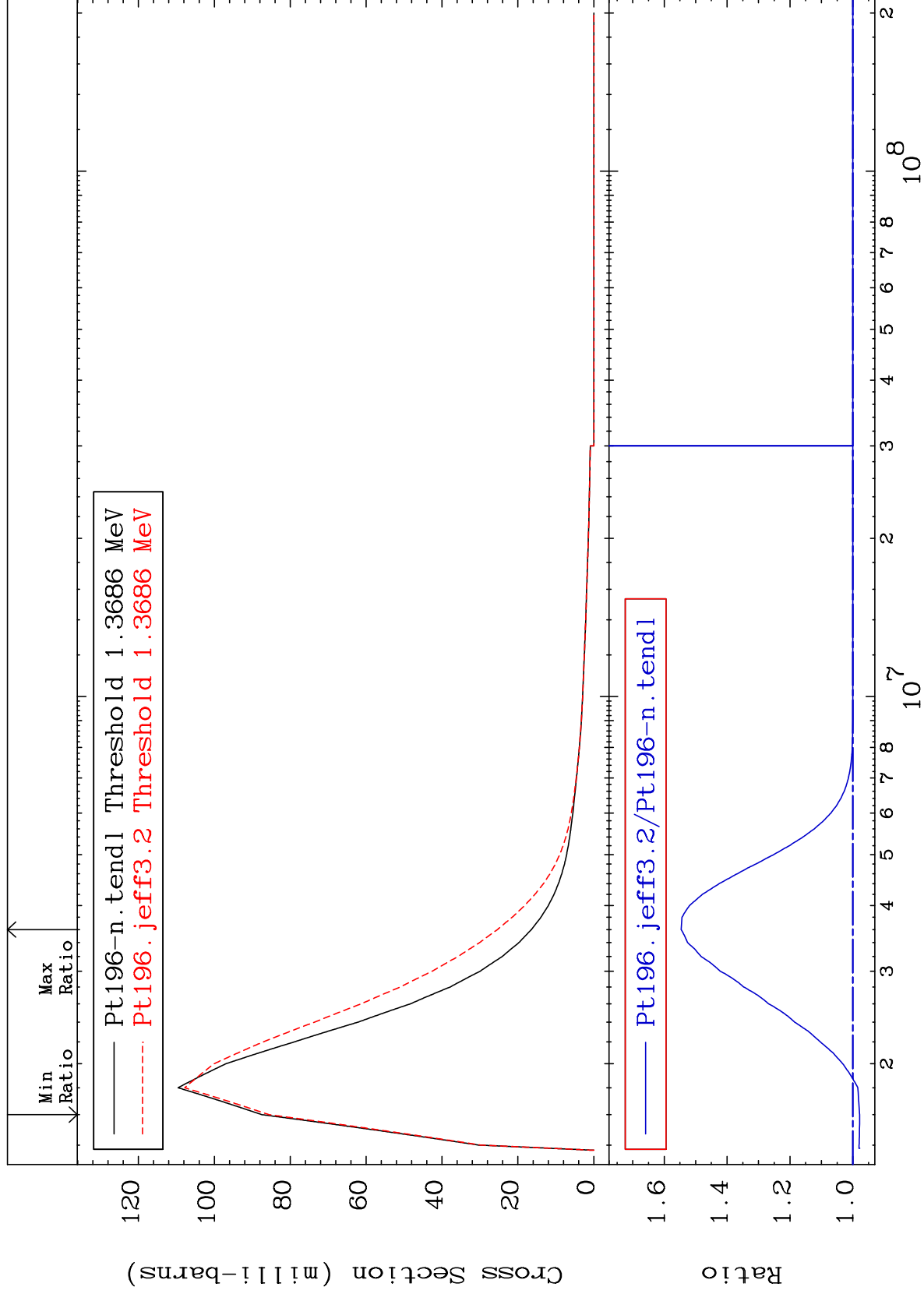
78-Pt-196  
-10.07 To 66.60 %



MAT 7843

1.362 MeV (n,n') Level  
Cross Section

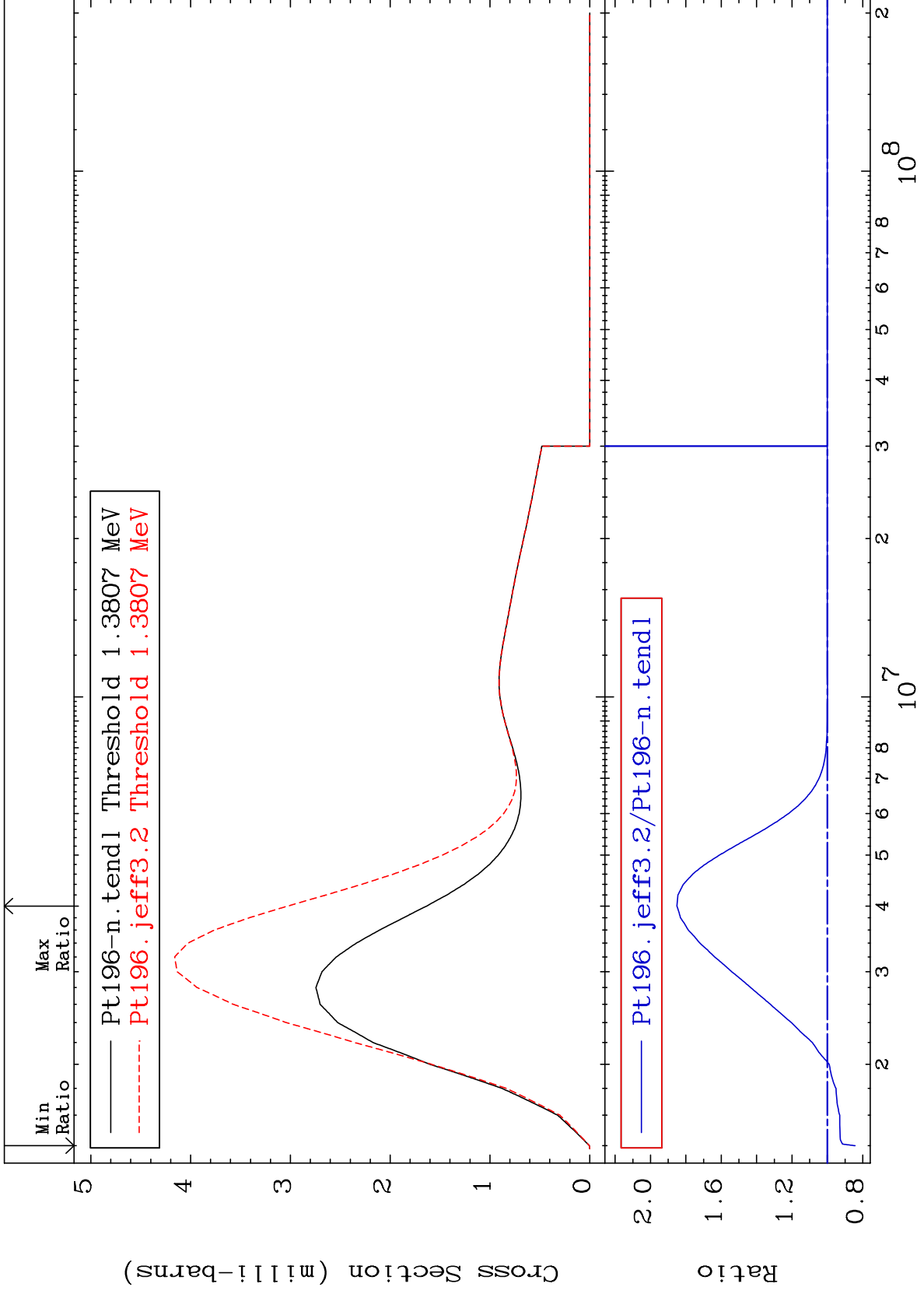
78-Pt-196  
-2.169 To 54.60 %



MAT 7843

1.374 MeV (n,n') Level  
Cross Section

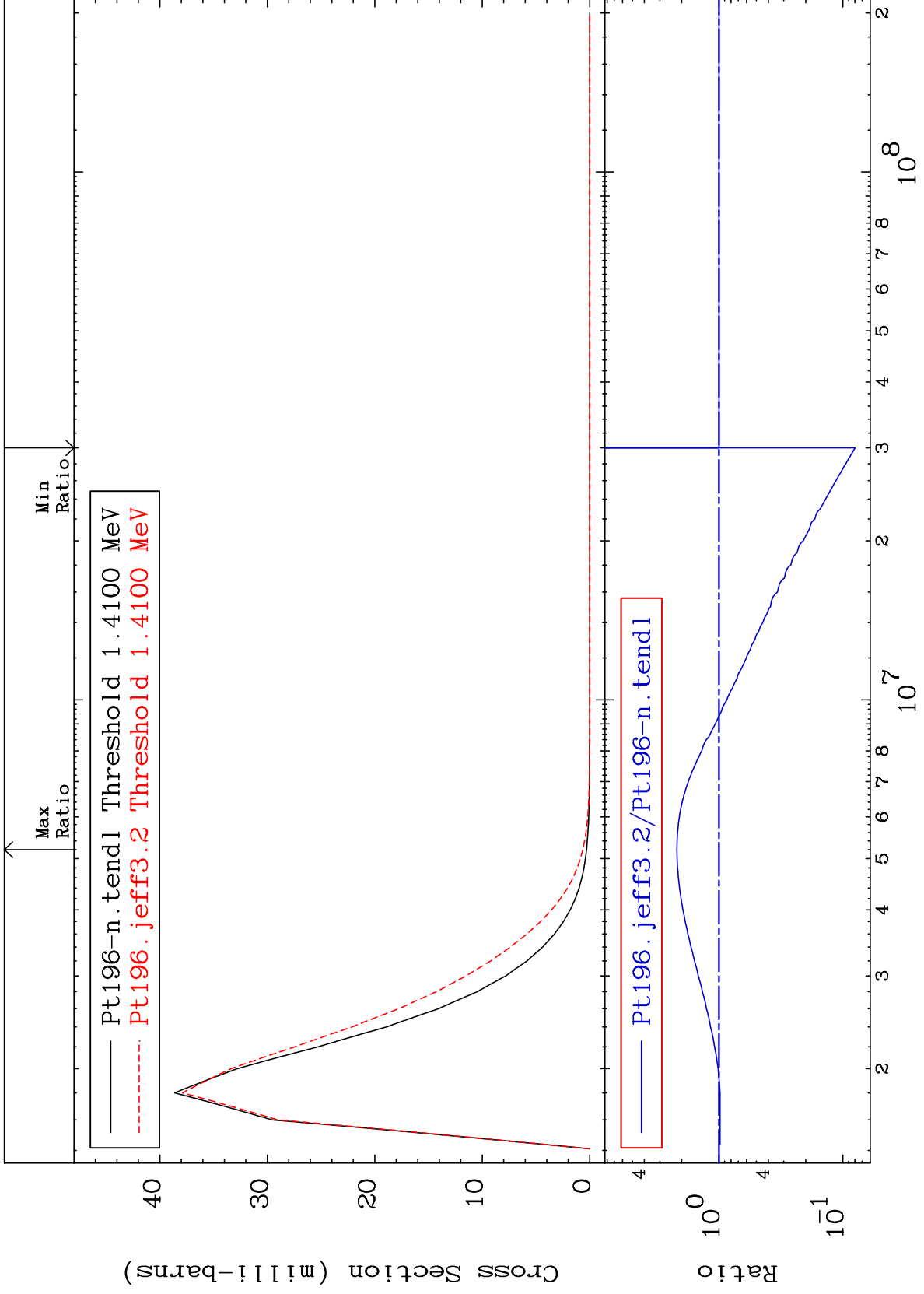
78-Pt-196  
-15.67 To 85.06 %



MAT 7843

1.403 MeV (n,n') Level  
Cross Section

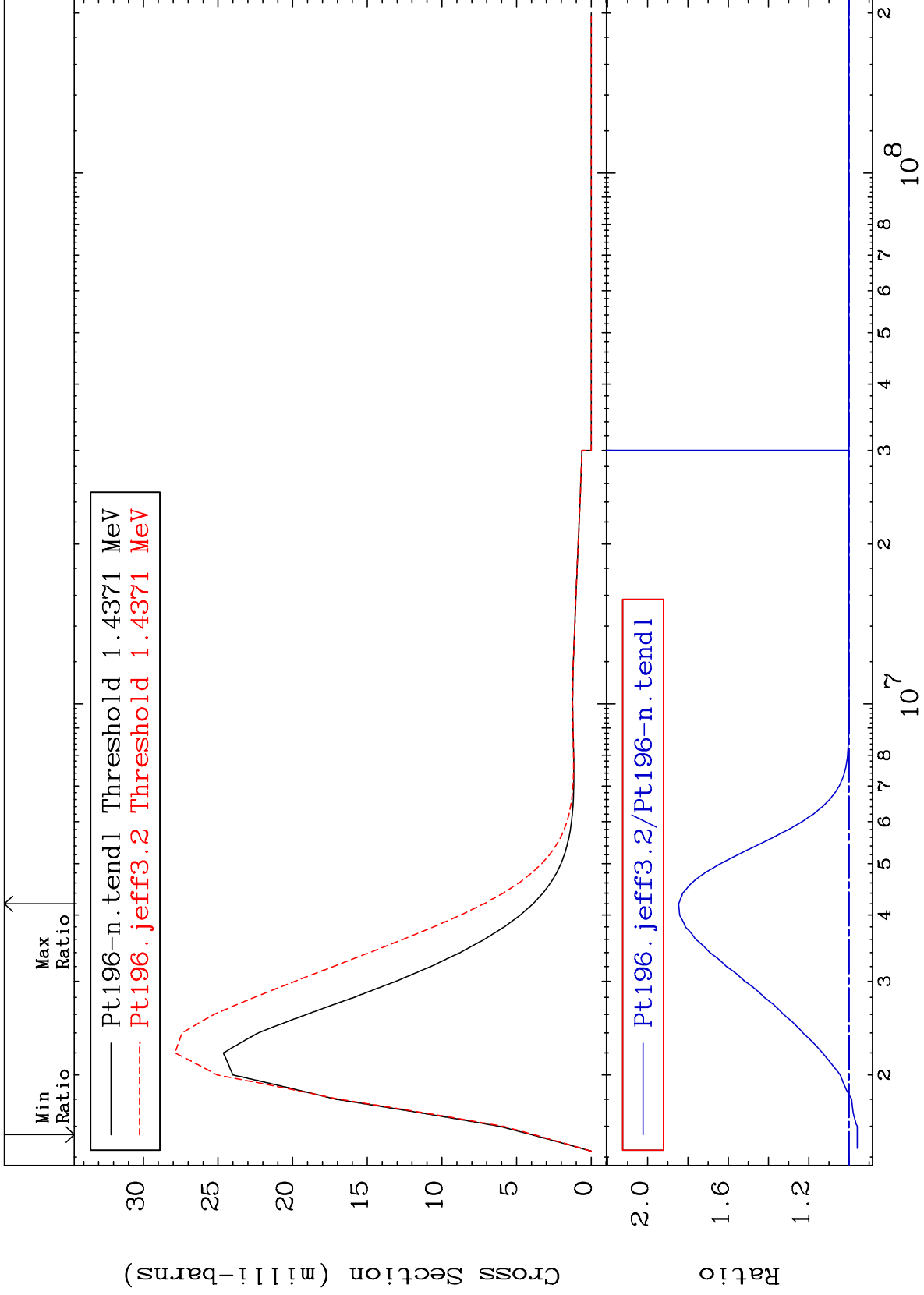
78-Pt-196  
-92.02 To 118.5 %



MAT 7843

1.430 MeV (n,n') Level  
Cross Section

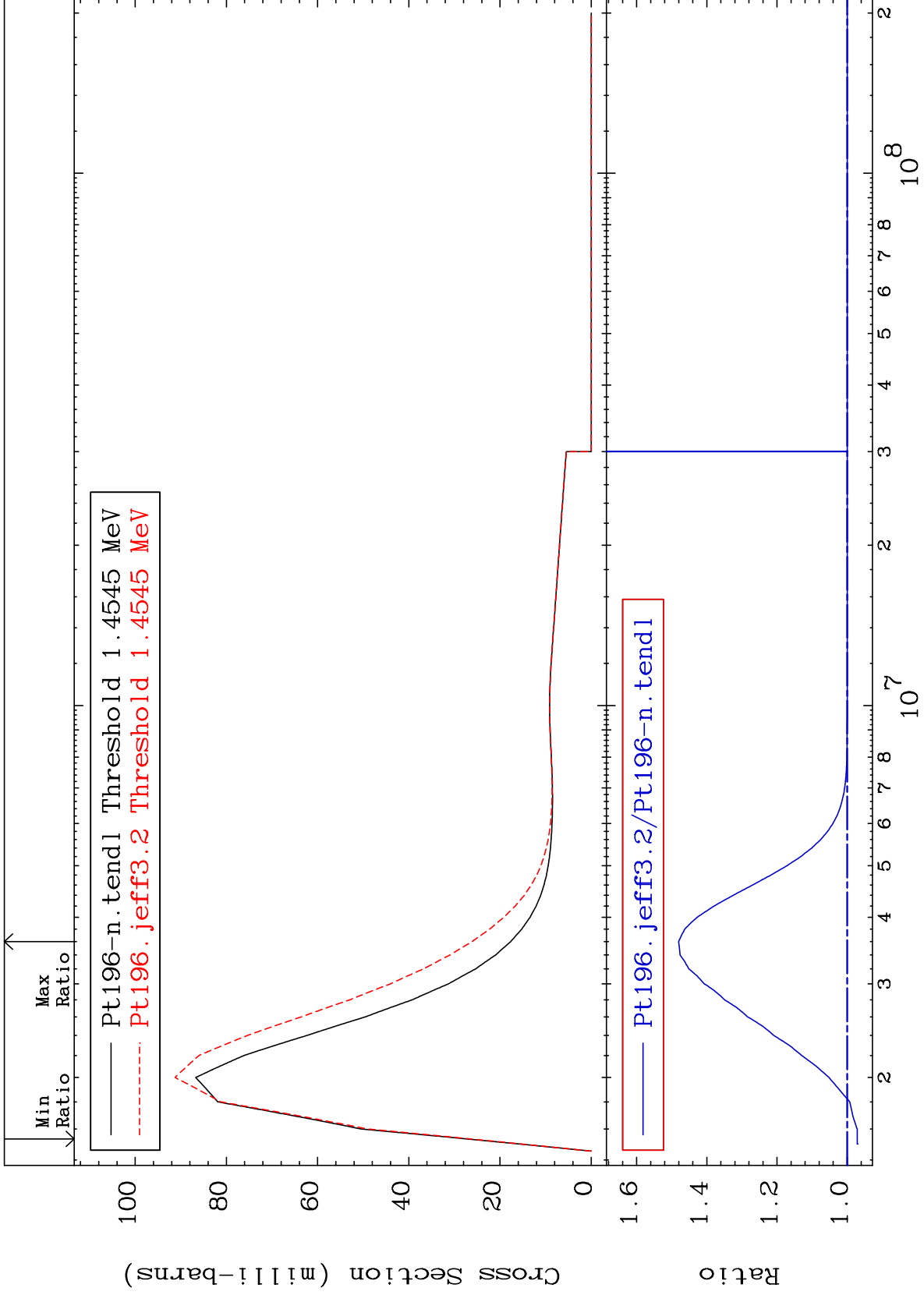
78-Pt-196  
-4.095 To 84.63 %



MAT 7843

1.447 MeV (n,n') Level  
Cross Section

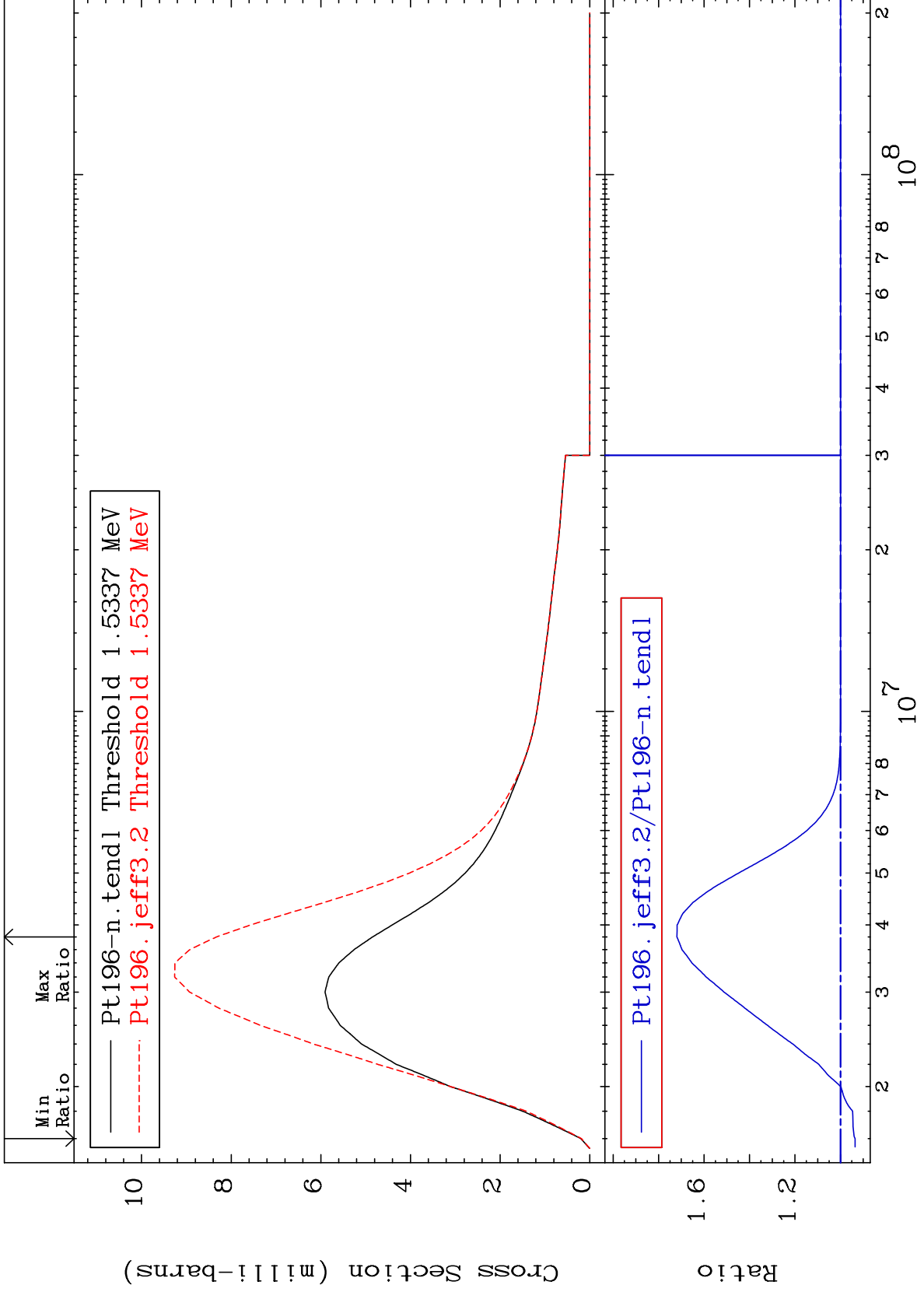
78-Pt-196  
-2.876 To 48.03 %



MAT 7843

1.526 MeV (n,n') Level  
Cross Section

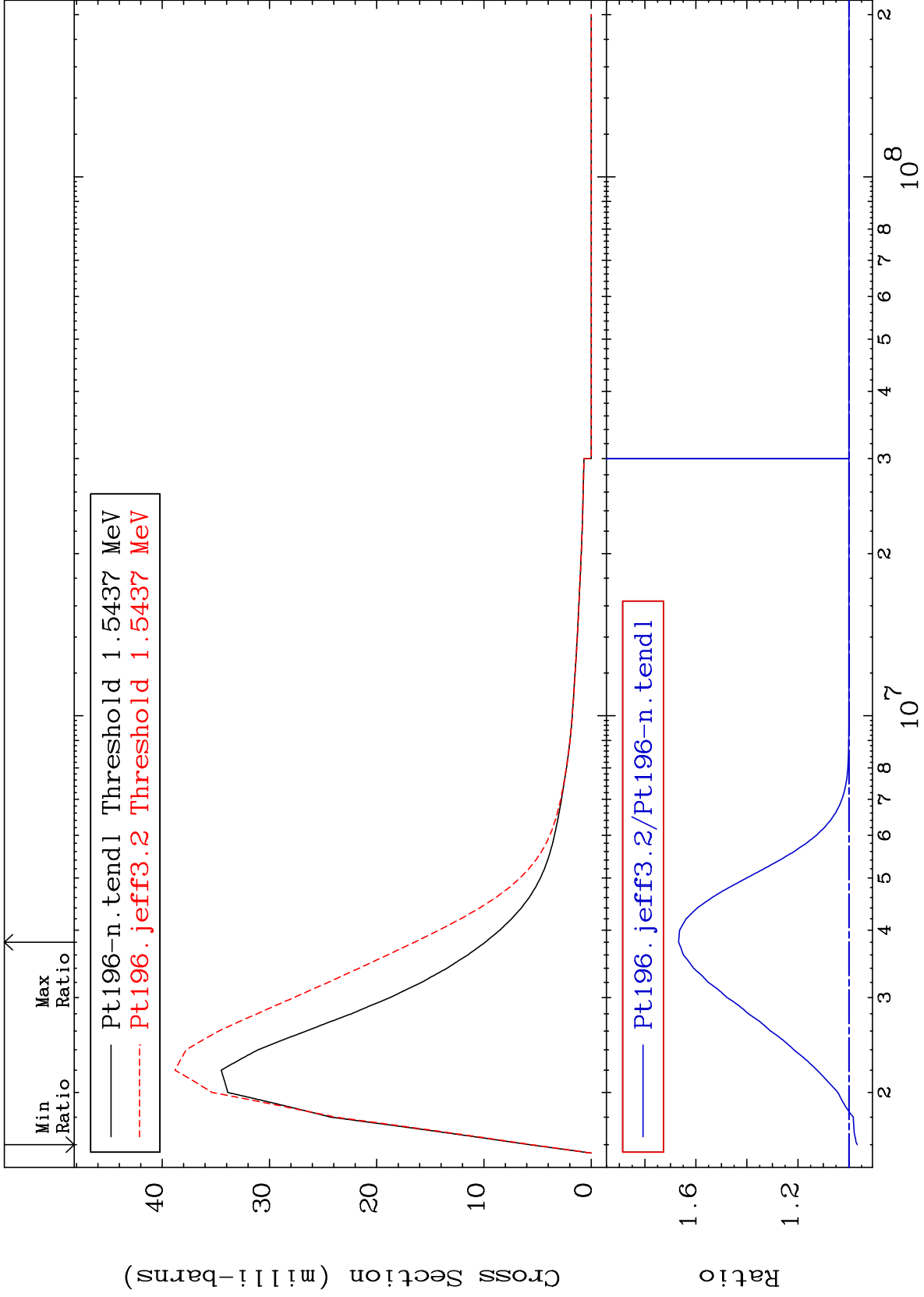
78-Pt-196  
-6.432 To 71.93 %



MAT 7843

1.536 MeV (n,n') Level  
Cross Section

78-Pt-196  
-3.286 To 66.77 %

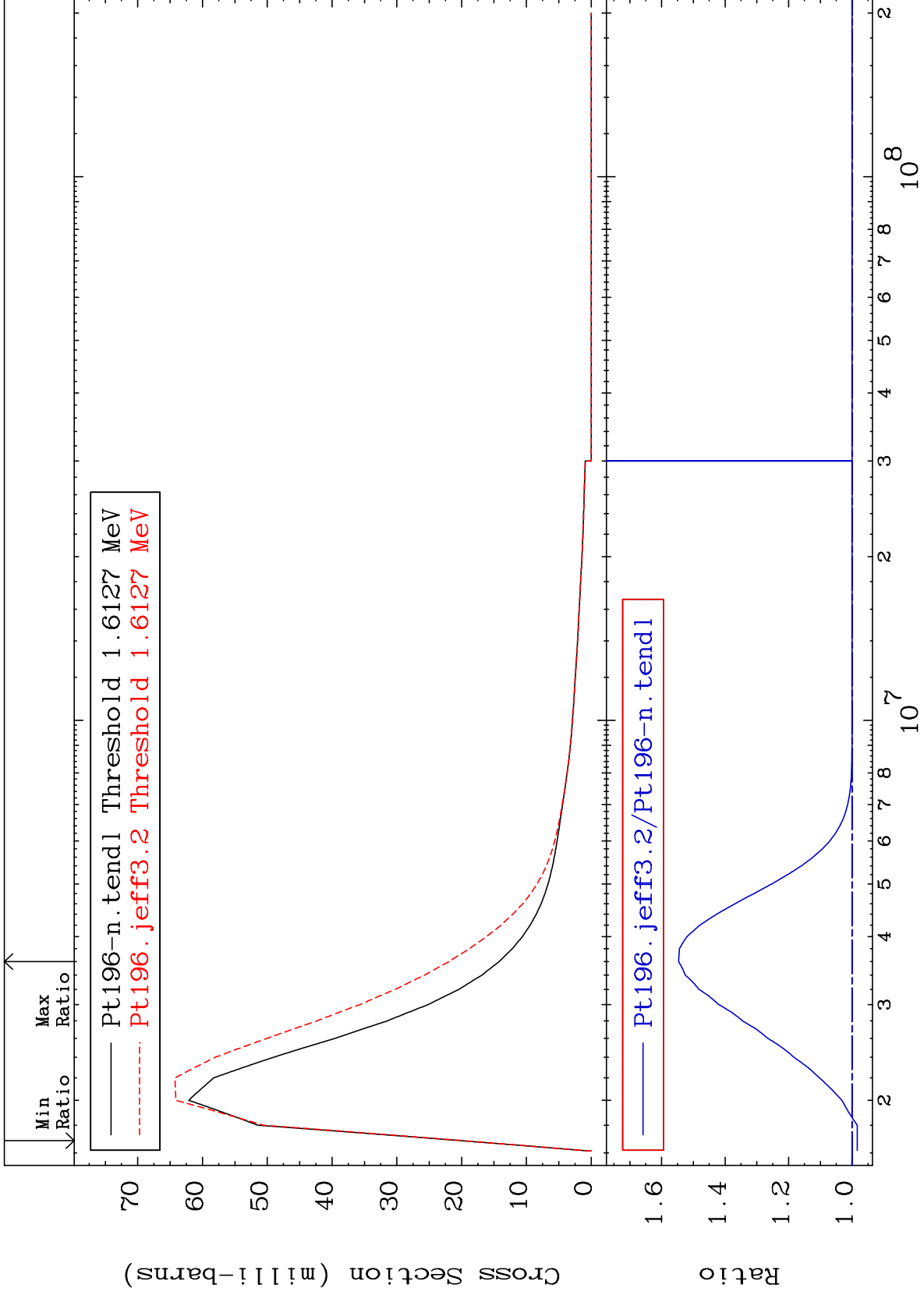




MAT 7843

1.604 MeV (n,n') Level  
Cross Section

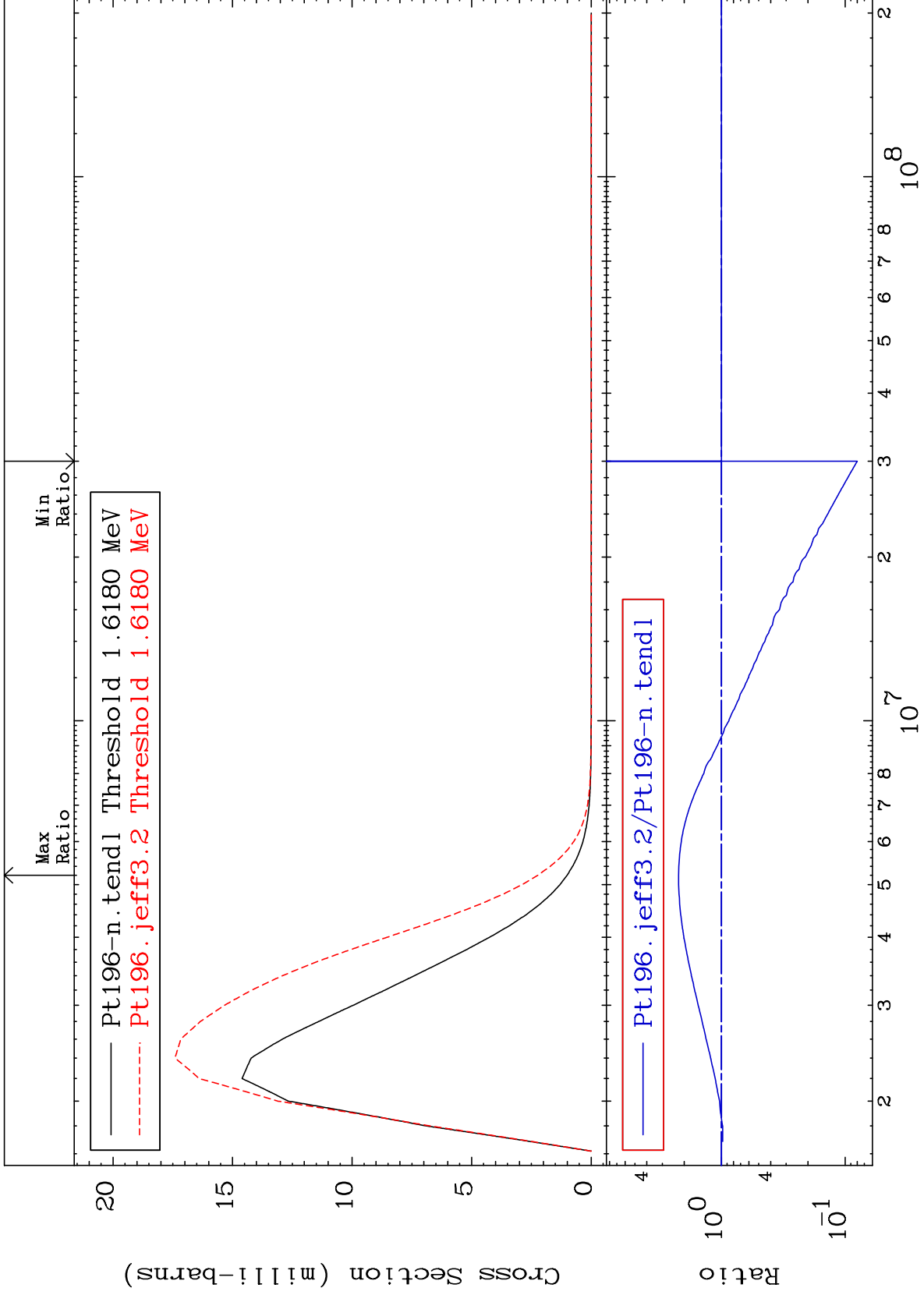
78-Pt-196  
-1.620 To 54.63 %



MAT 7843

1.610 MeV (n,n') Level  
Cross Section

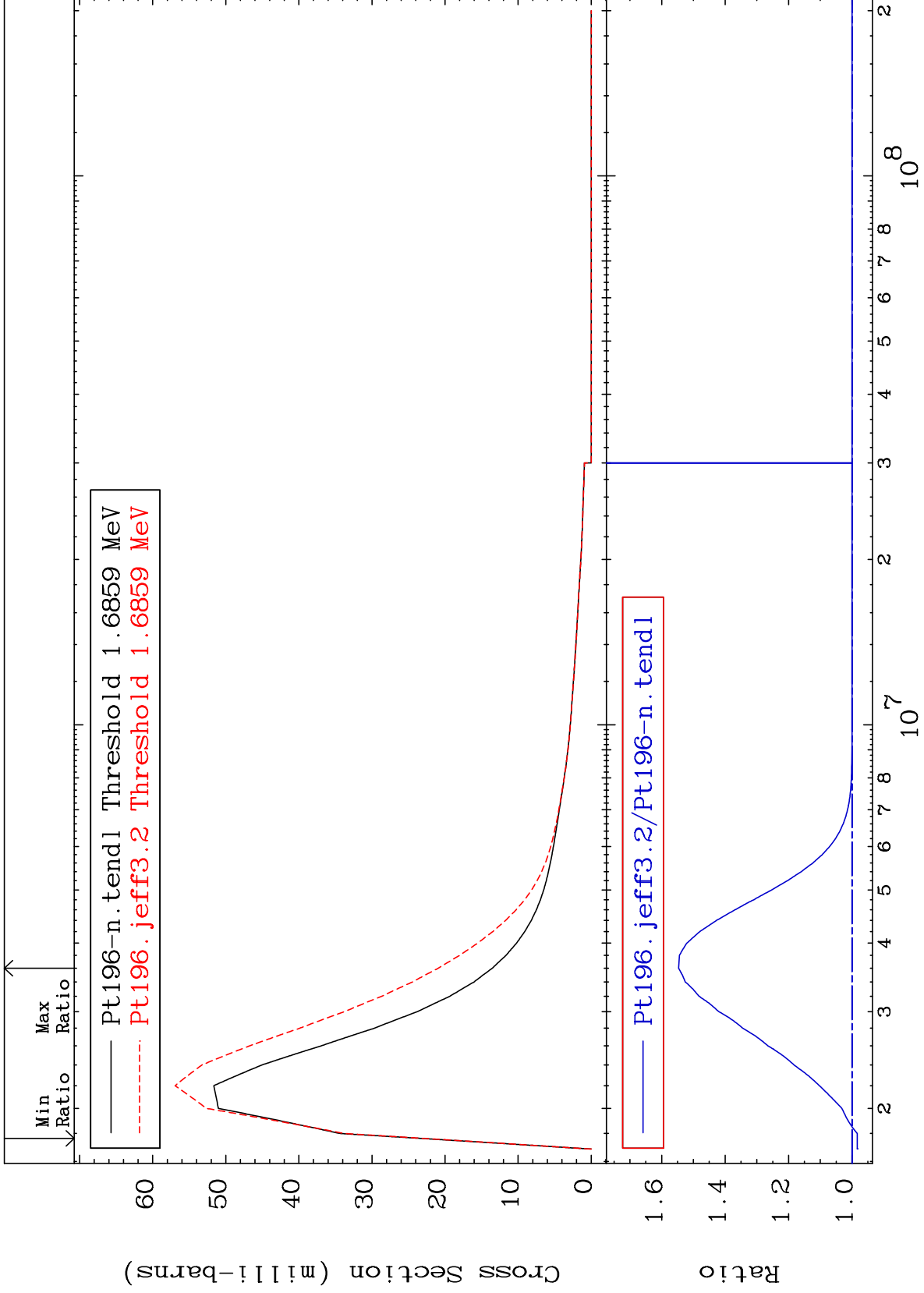
78-Pt-196  
-92.00 To 121.6 %



MAT 7843

1.677 MeV (n,n') Level  
Cross Section

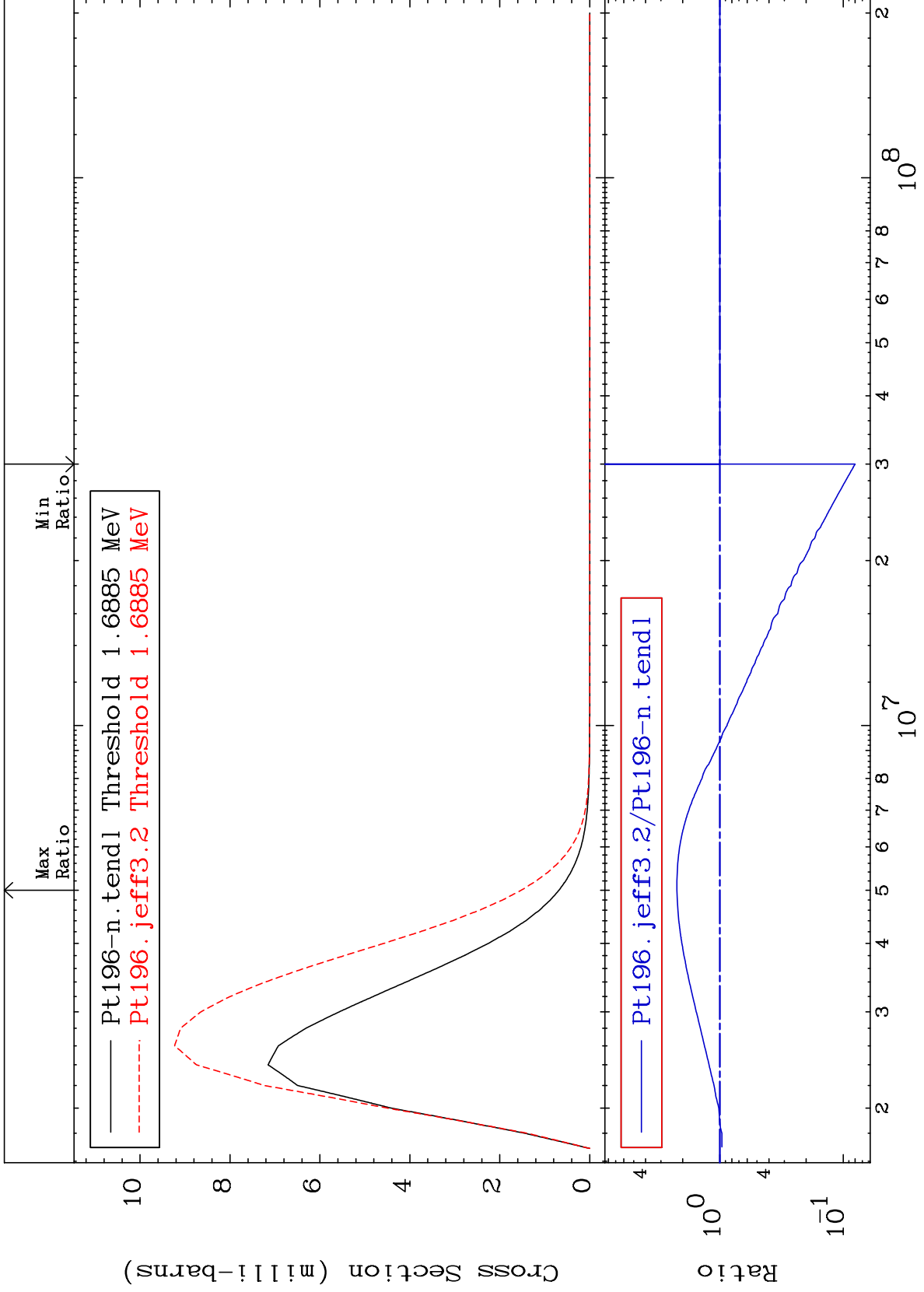
78-Pt-196  
-1.646 To 54.65 %



MAT 7843

1.680 MeV (n,n') Level  
Cross Section

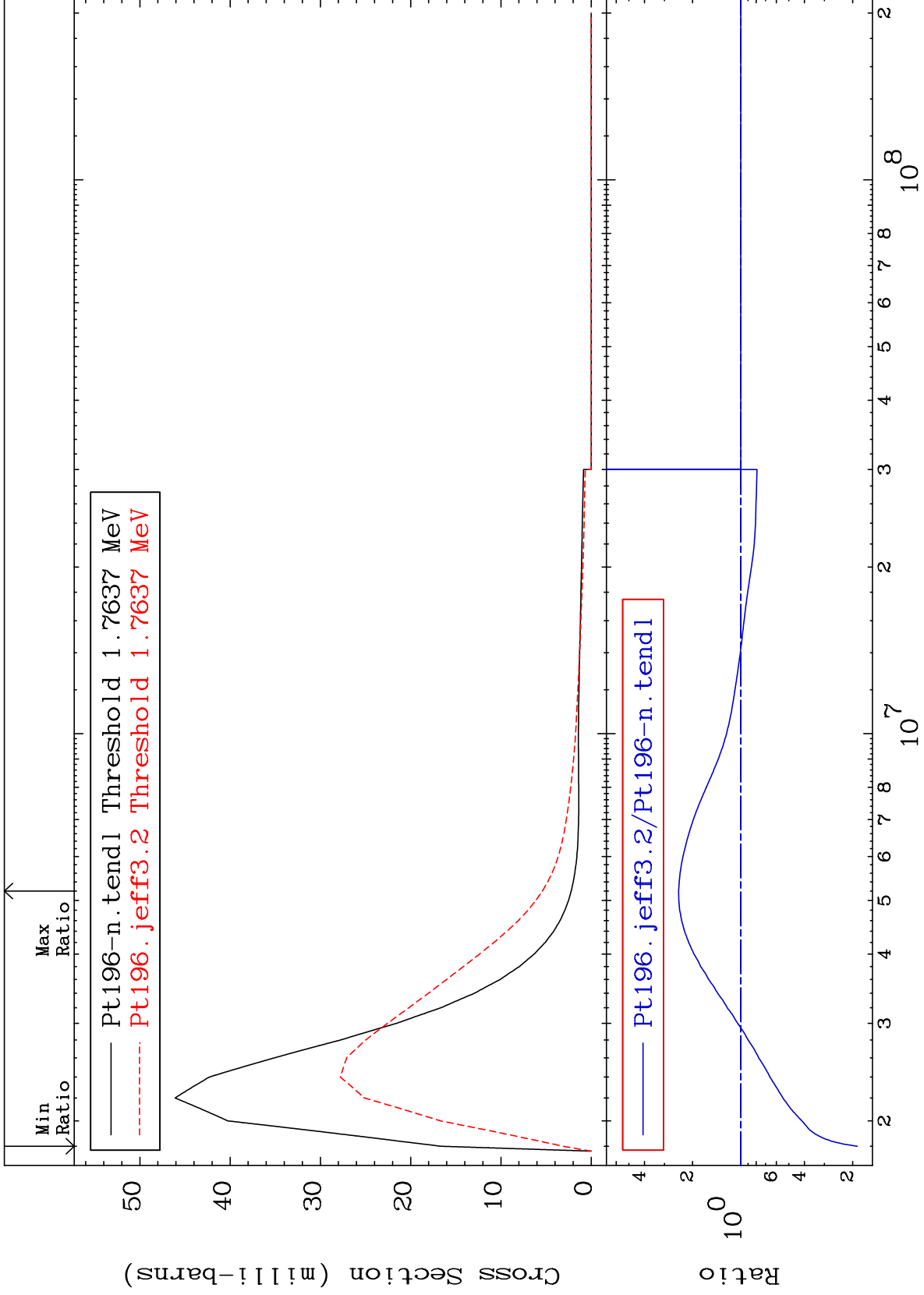
78-Pt-196  
-91.99 To 122.8 %



MAT 7843

1.755 MeV (n,n') Level  
Cross Section

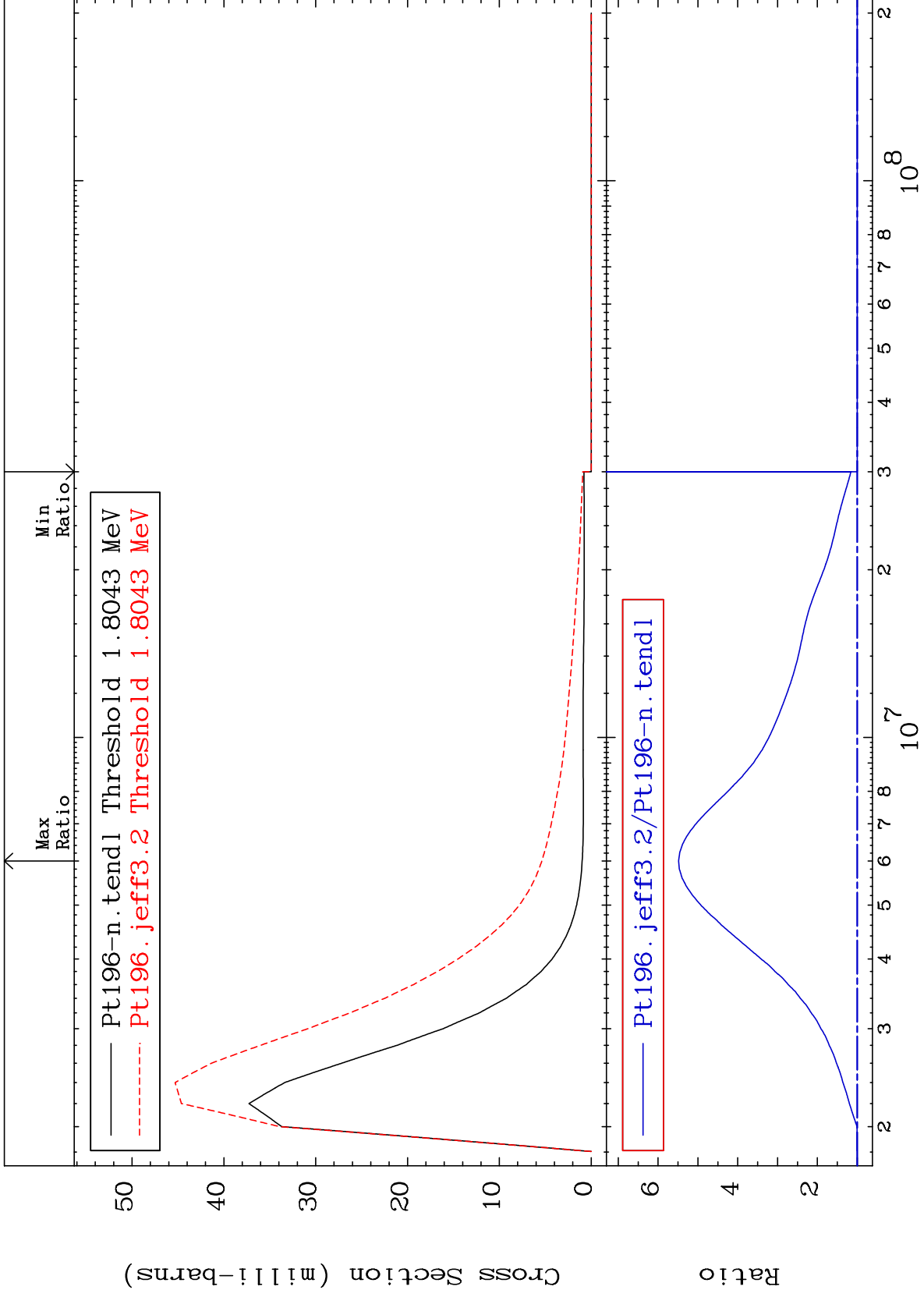
78-Pt-196  
-81.29 To 144.4 %



MAT 7843

1.795 MeV (n,n') Level  
Cross Section

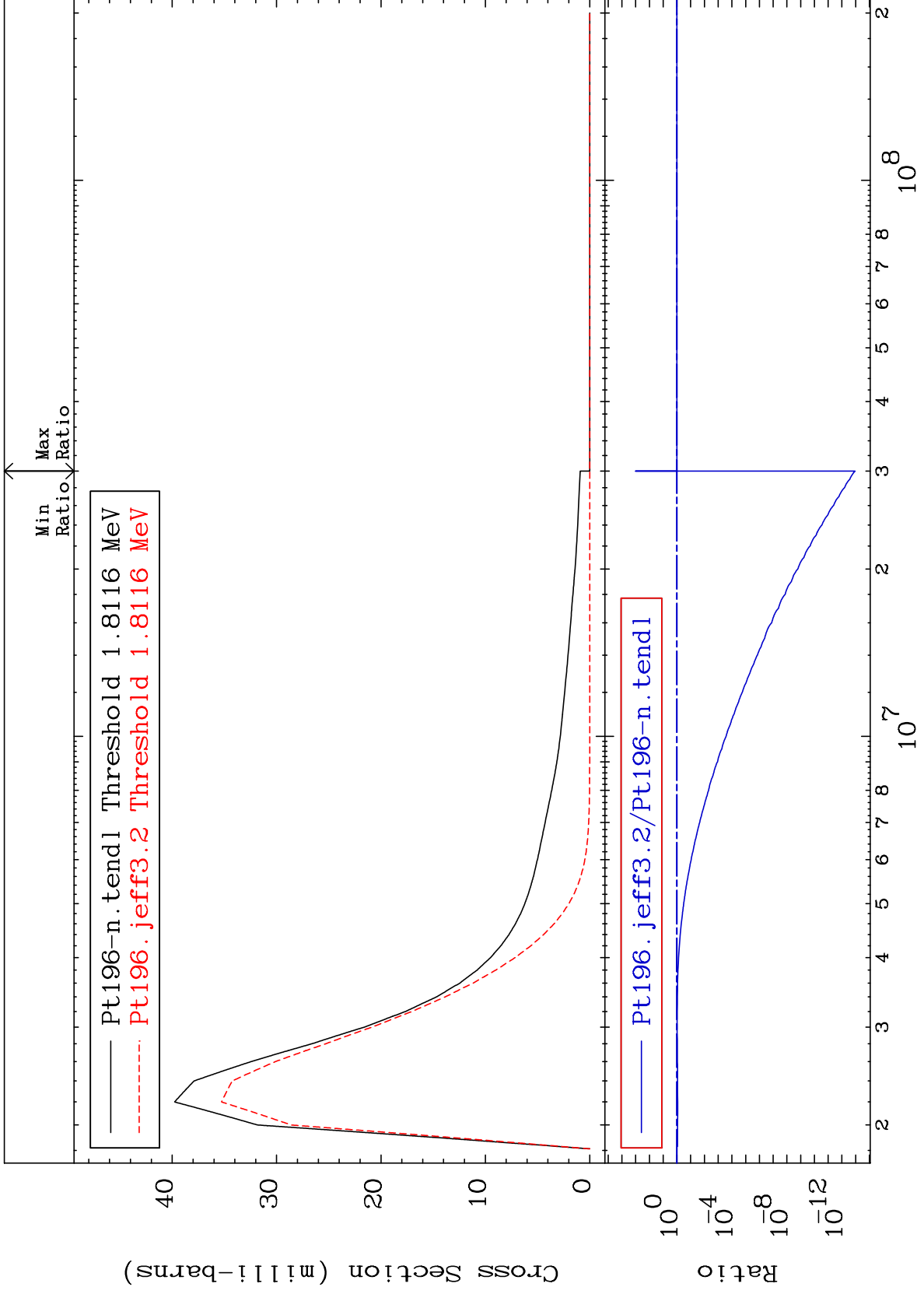
78-Pt-196  
To 448.4 %



MAT 7843

1.802 MeV (n,n') Level  
Cross Section

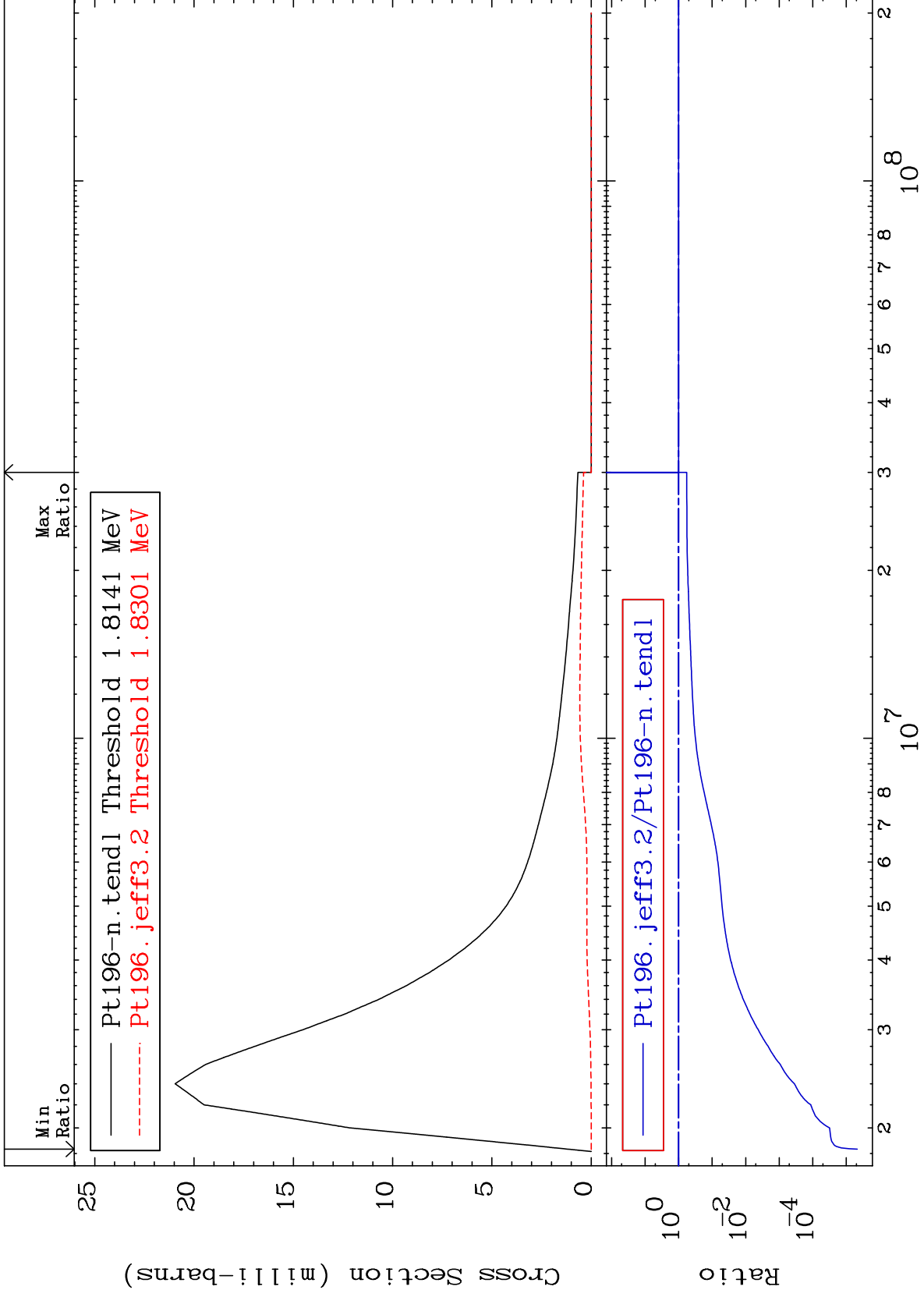
78-Pt-196  
-100.0 To 0.000 %



MAT 7843

1.805 MeV (n,n') Level  
Cross Section

78-Pt-196  
-100.0 To 0.000 %



40

Incident Energy (eV)

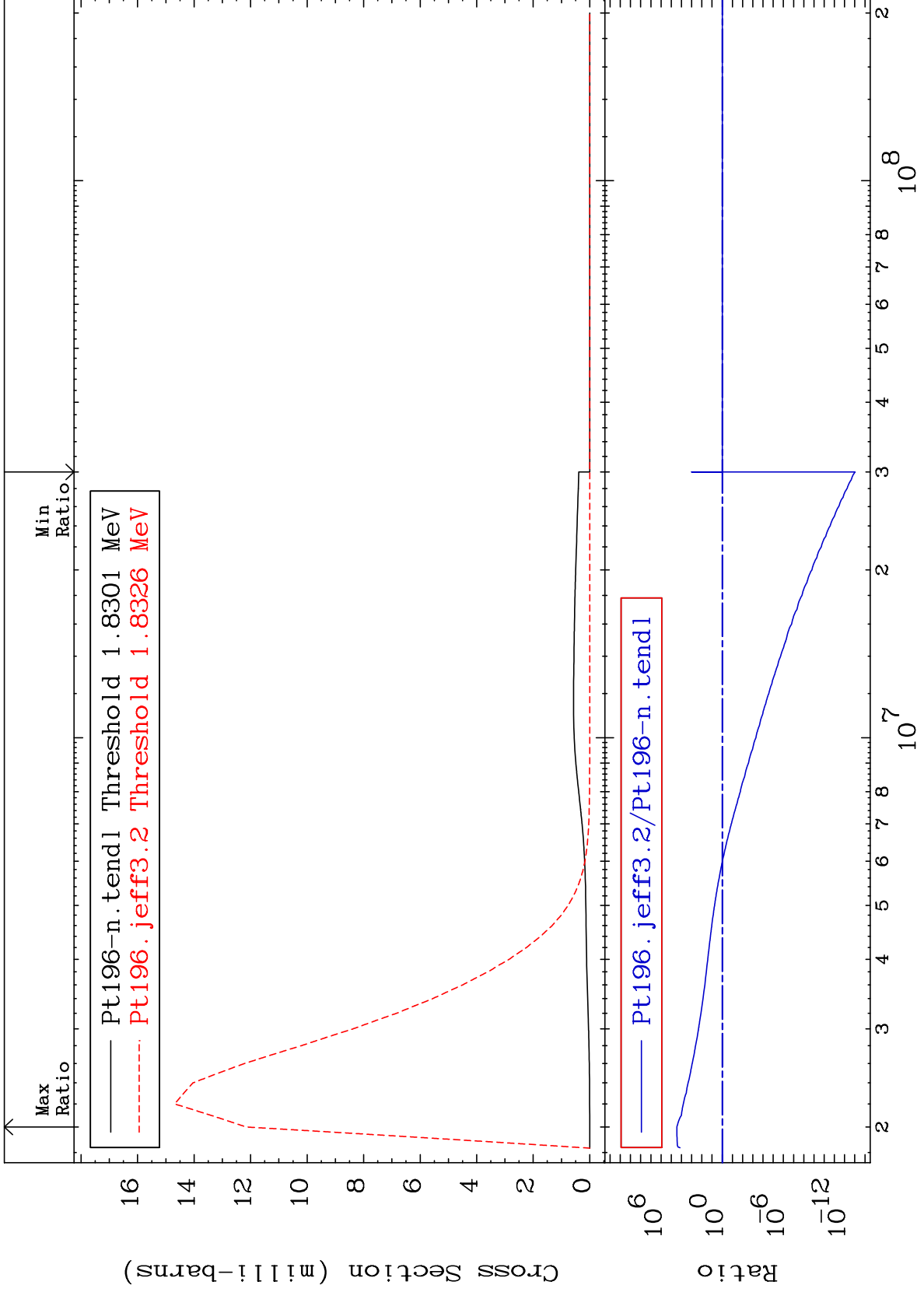
78-Pt-196



MAT 7843

1.821 MeV (n,n') Level  
Cross Section

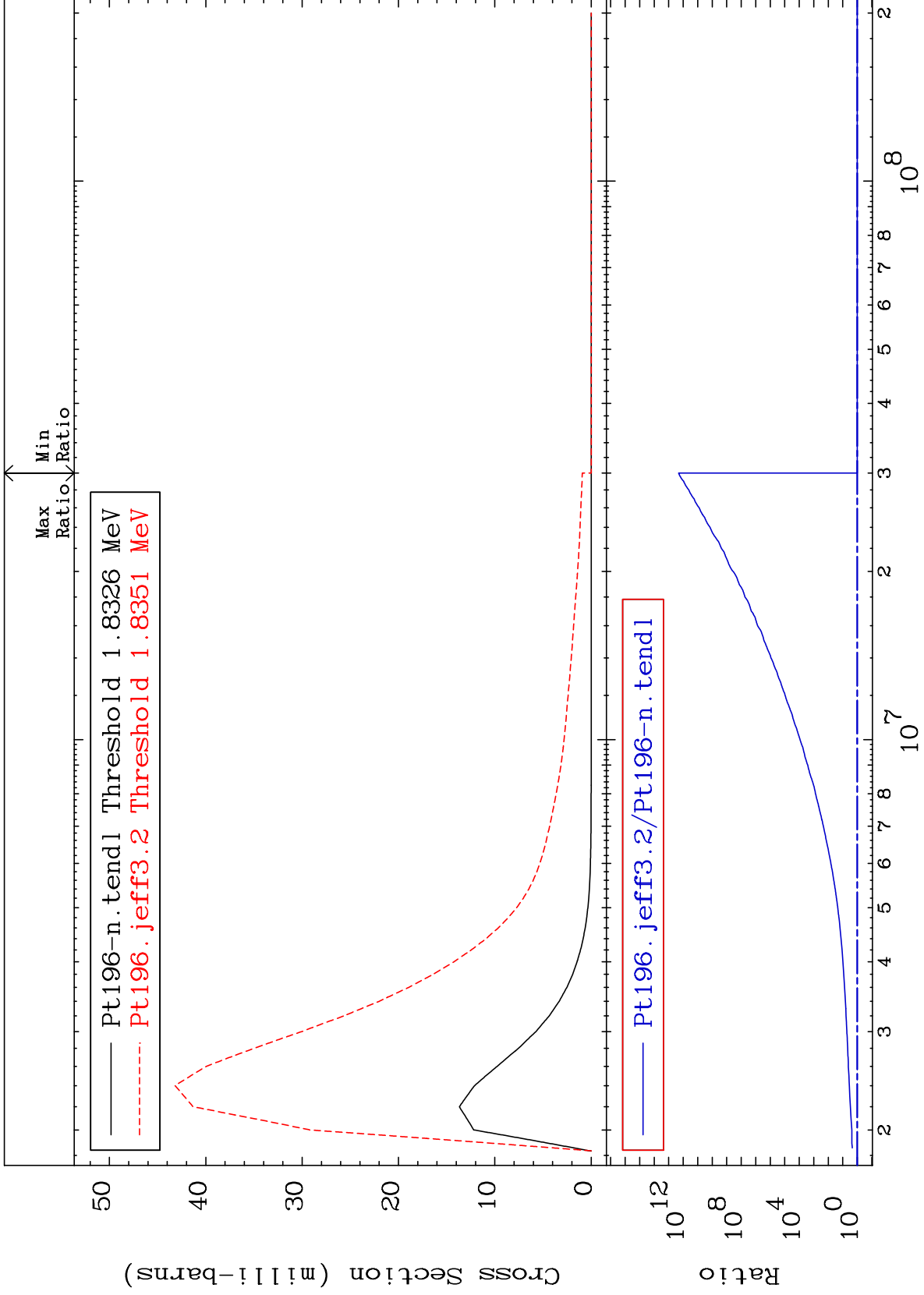
78-Pt-196  
-100.0 To 9999. %



MAT 7843

1.823 MeV (n,n') Level  
Cross Section

78-Pt-196  
To 9999. %  
0.000



42

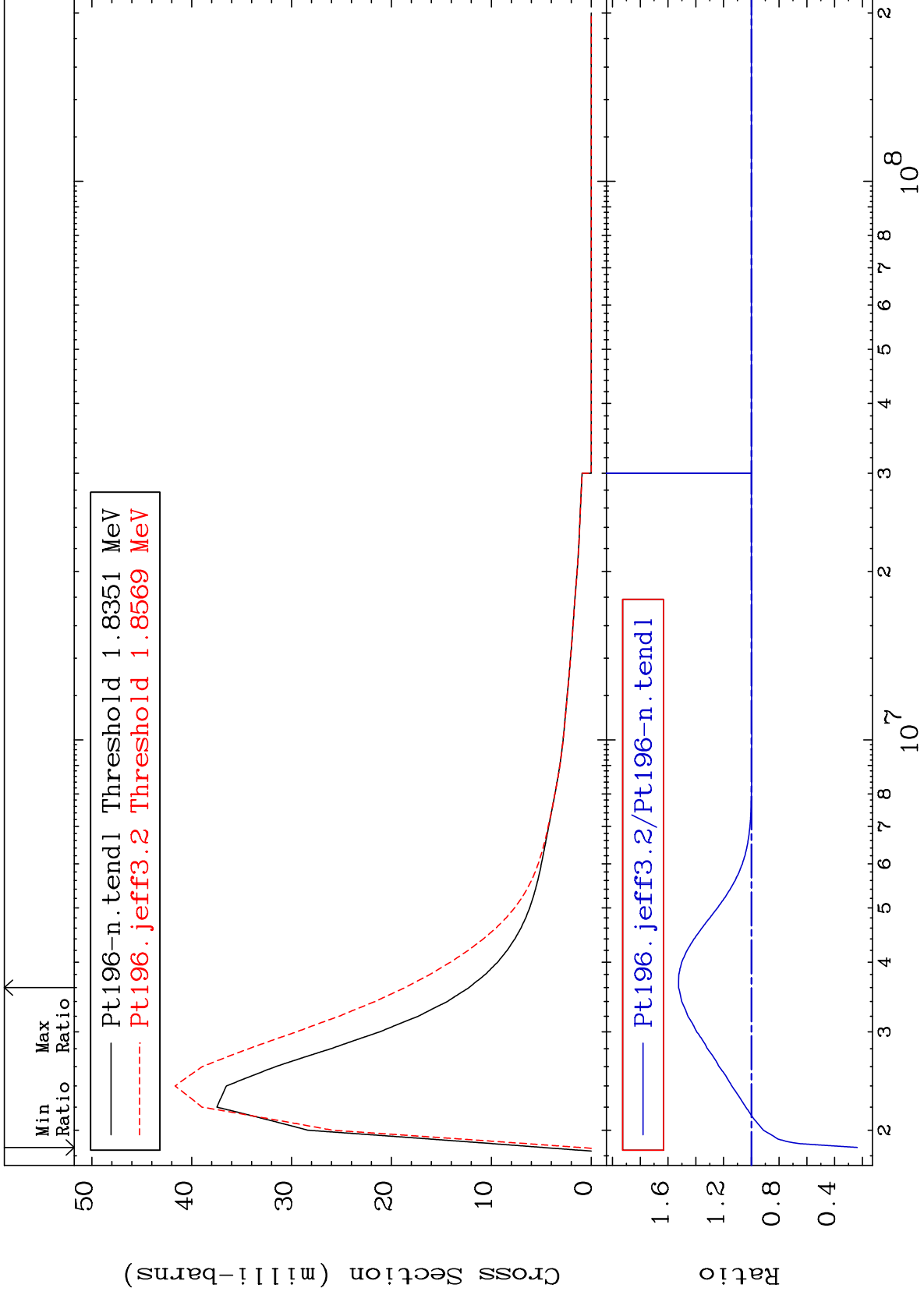
Incident Energy (eV)

78-Pt-196

MAT 7843

1.826 MeV (n,n') Level  
Cross Section

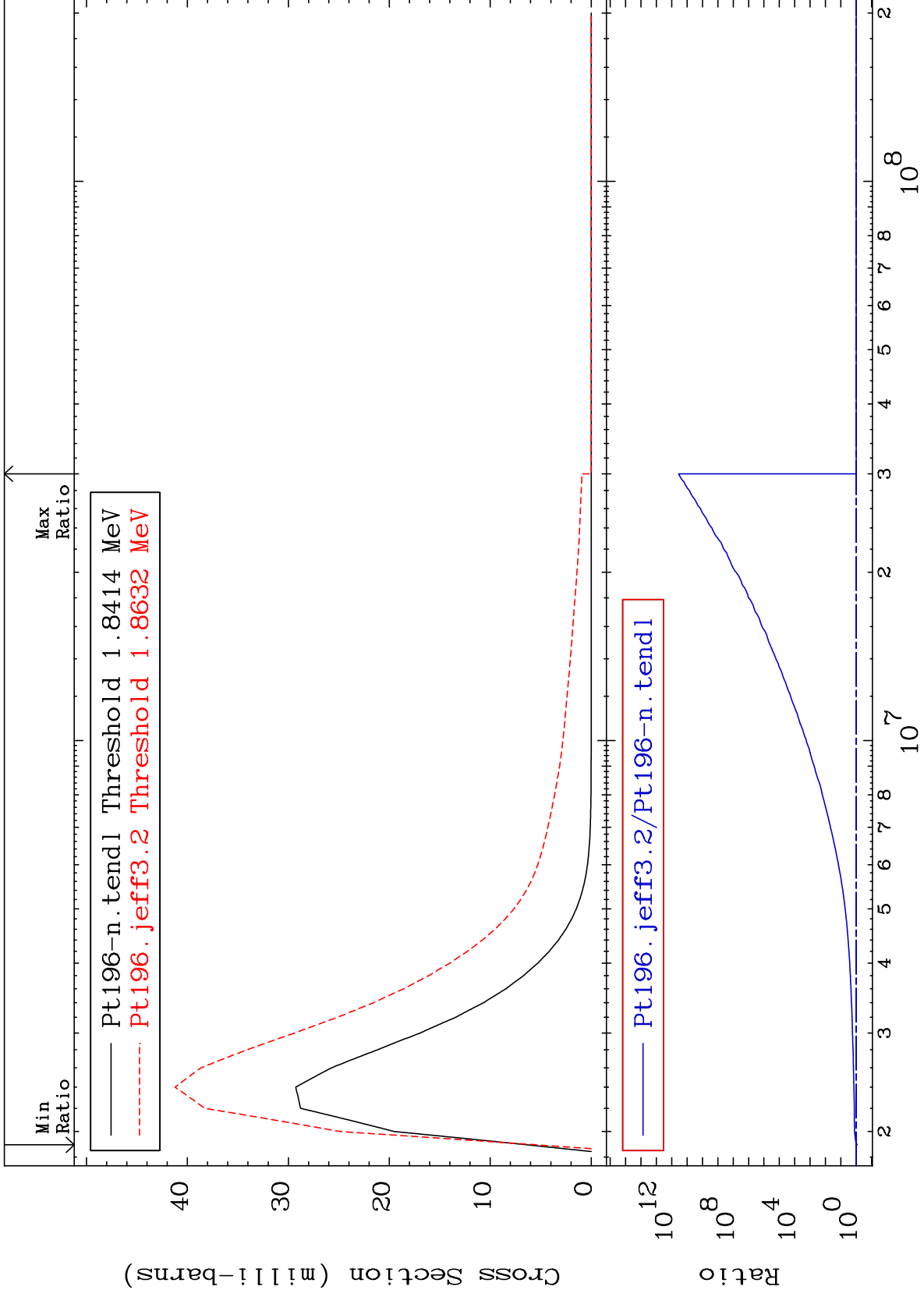
78-Pt-196  
-76.26 To 52.37 %



MAT 7843

1.832 MeV (n,n') Level  
Cross Section

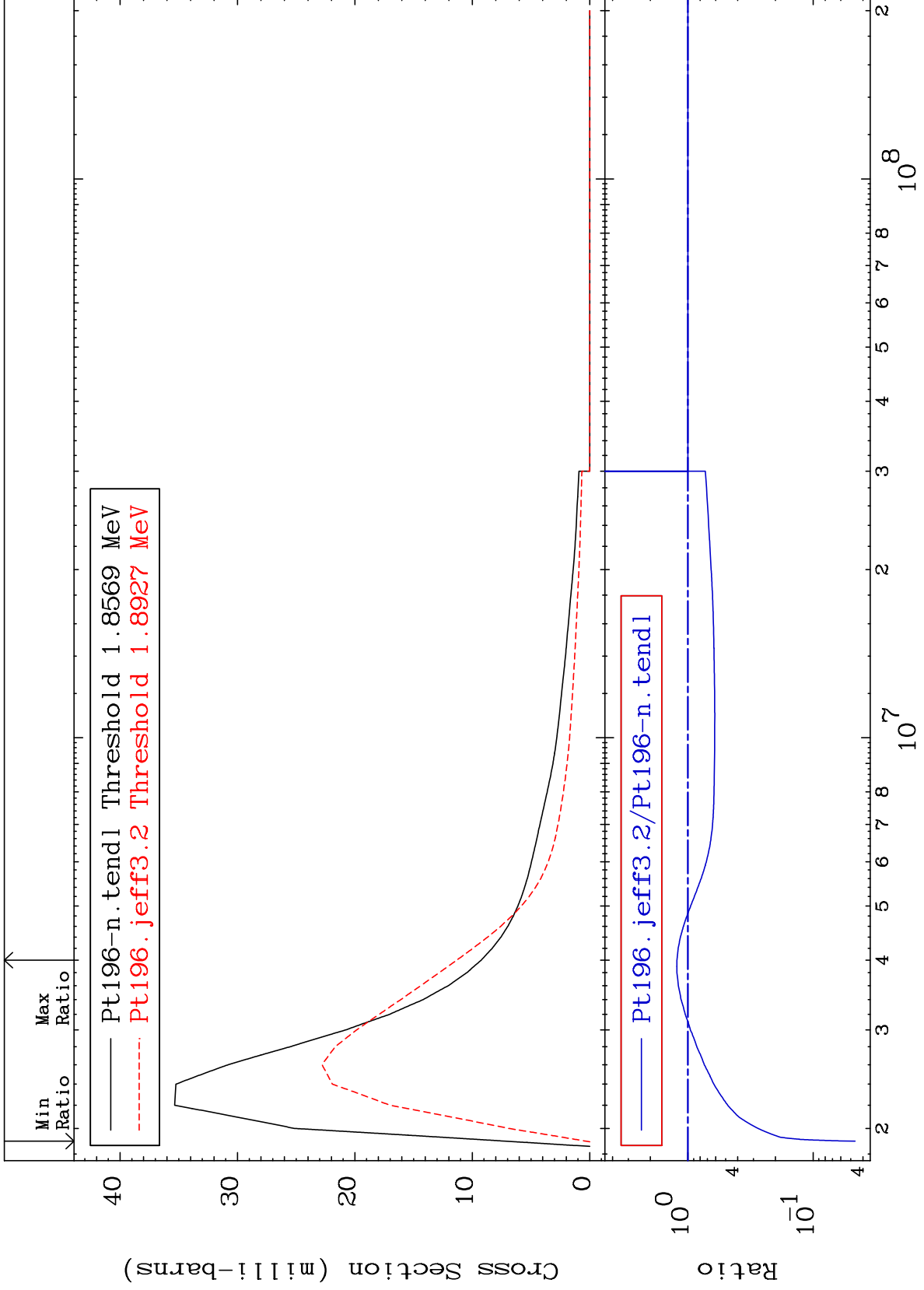
78-Pt-196  
-14.95 To 9999. %



MAT 7843

1.847 MeV (n,n') Level  
Cross Section

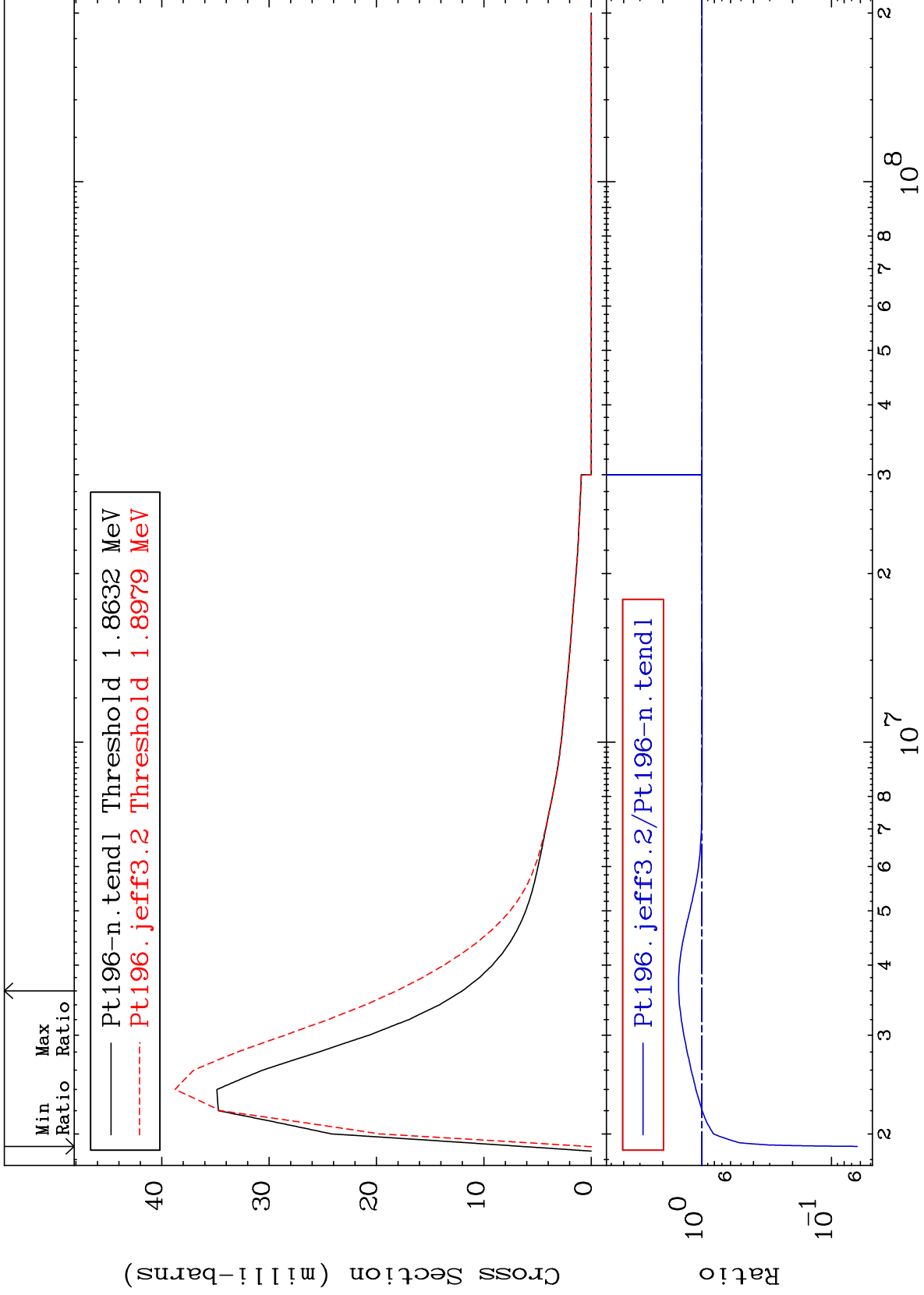
78-Pt-196  
-95.38 To 22.48 %



MAT 7843

1.854 MeV (n,n') Level  
Cross Section

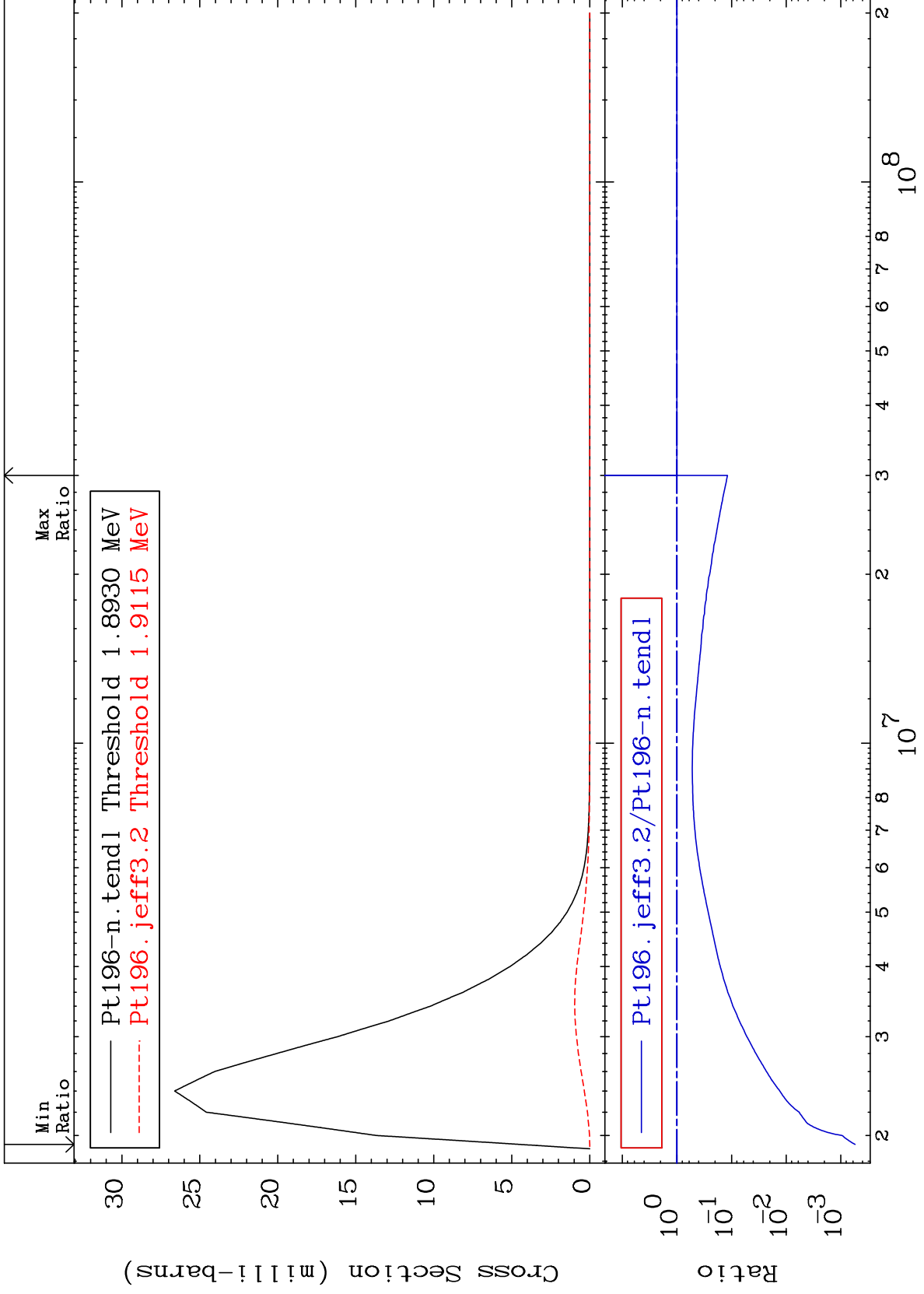
78-Pt-196  
-93.66 To 50.97 %



MAT 7843

1.883 MeV (n,n') Level  
Cross Section

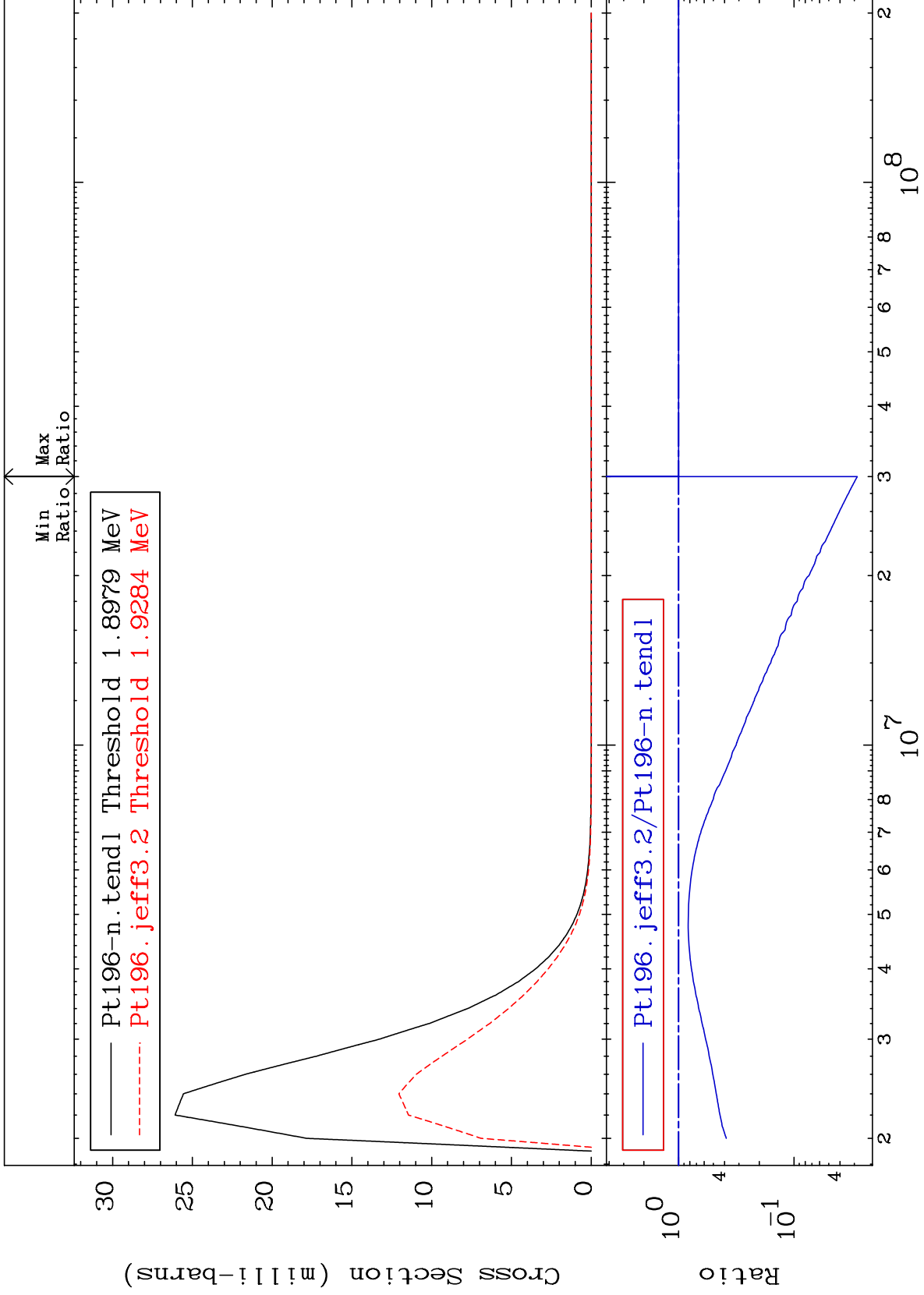
78-Pt-196  
-99.95 To 0.000 %



MAT 7843

1.888 MeV (n,n') Level  
Cross Section

78-Pt-196  
-97.17 To 0.000 %

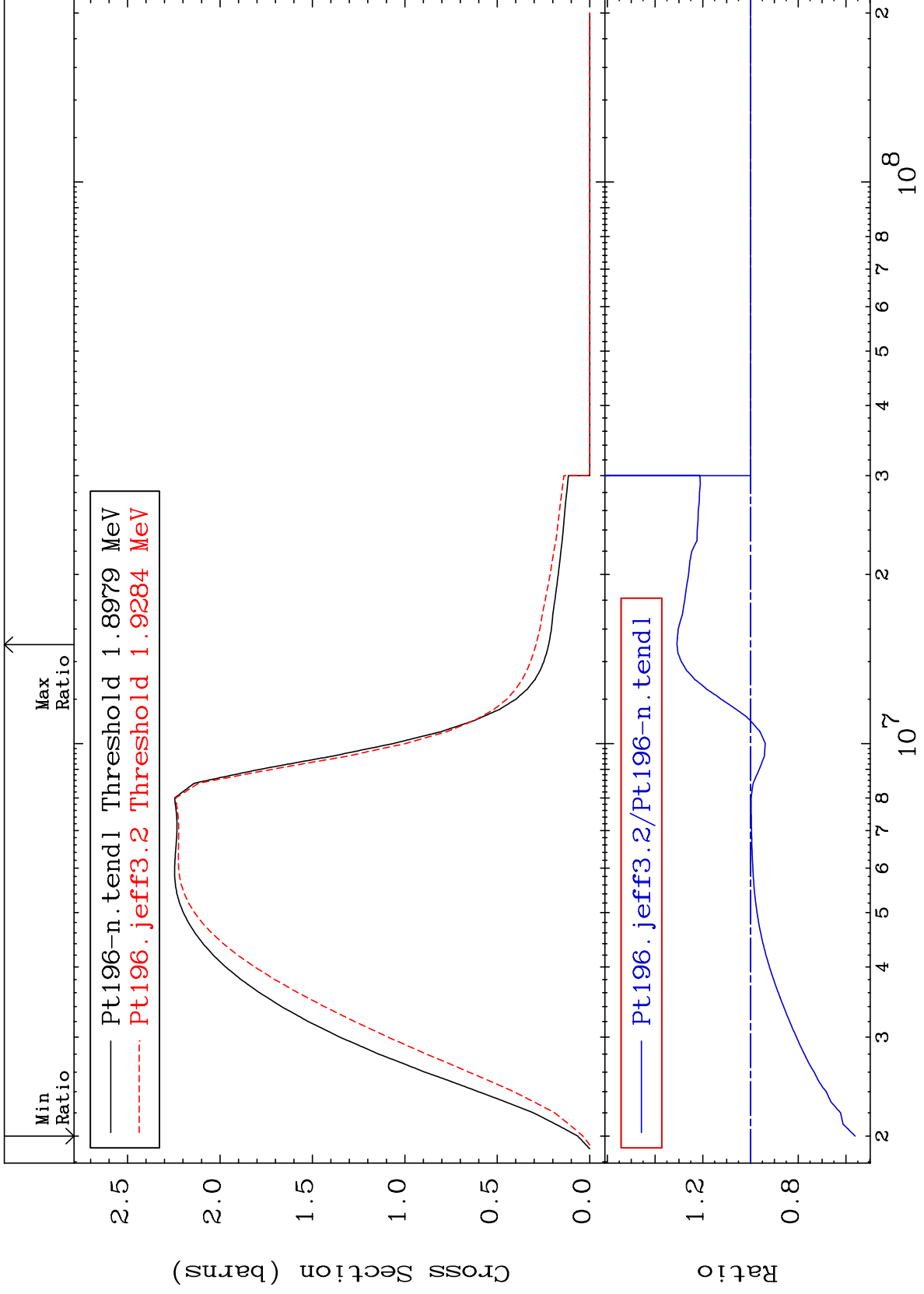




MAT 7843

(n, n') Continuum  
Cross Section

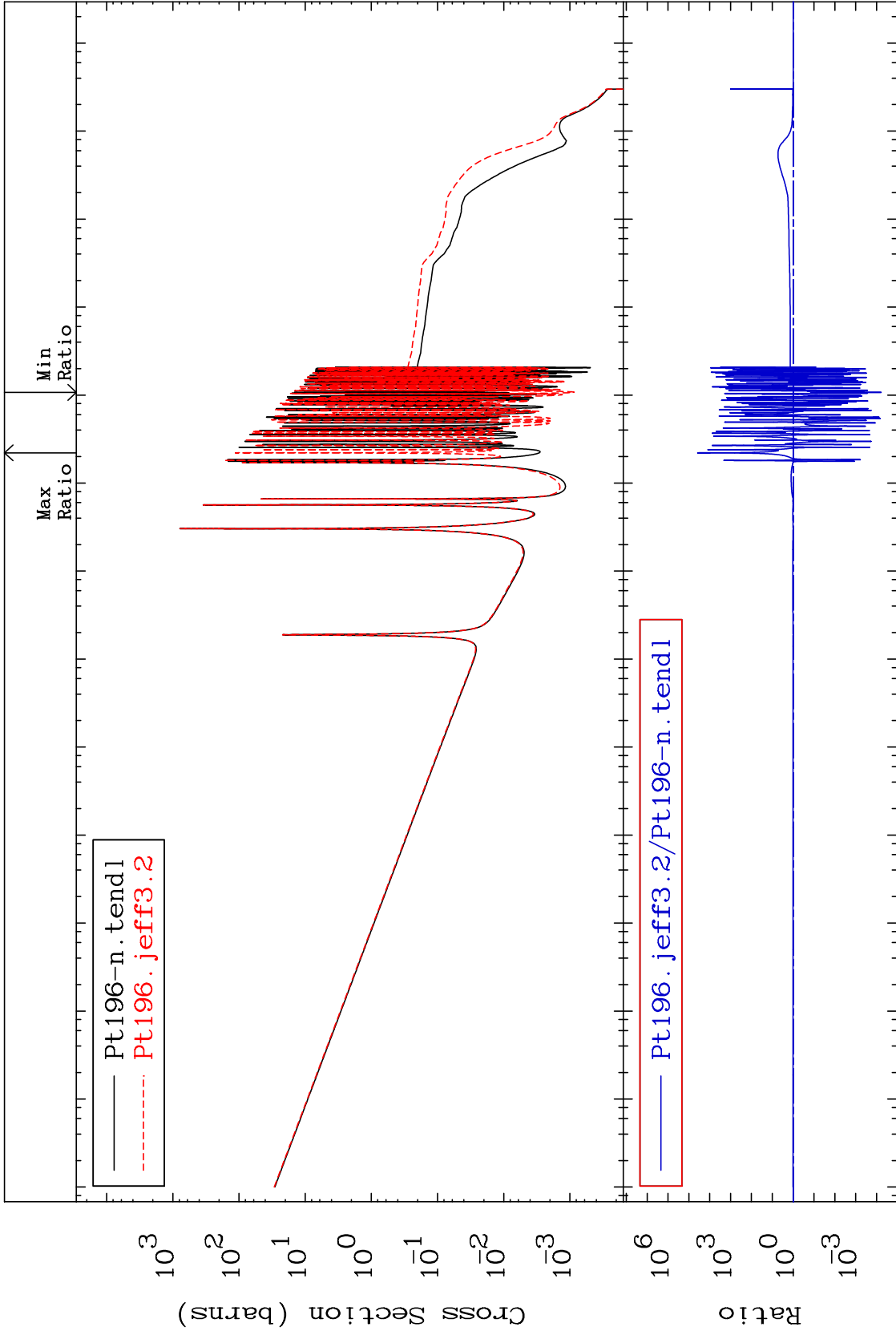
78-Pt-196  
-43.84 To 30.83 %



MAT 7843

(n,  $\gamma$ )  
Cross Section

78-Pt-196  
-99.99 To 9999. %



MAT 7843

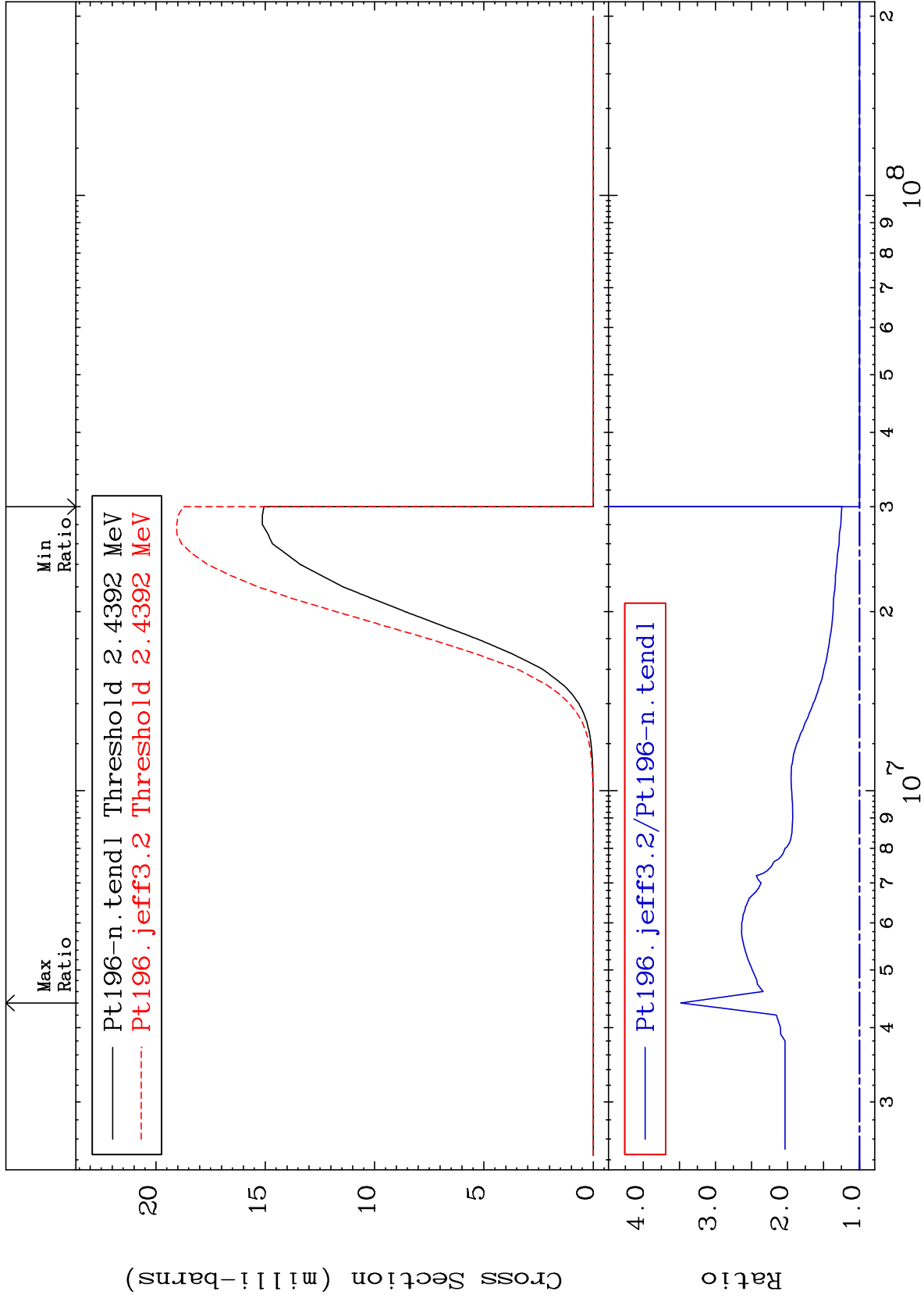
(n,p)

78-Pt-196

Cross Section

0.000

To 248.1 %



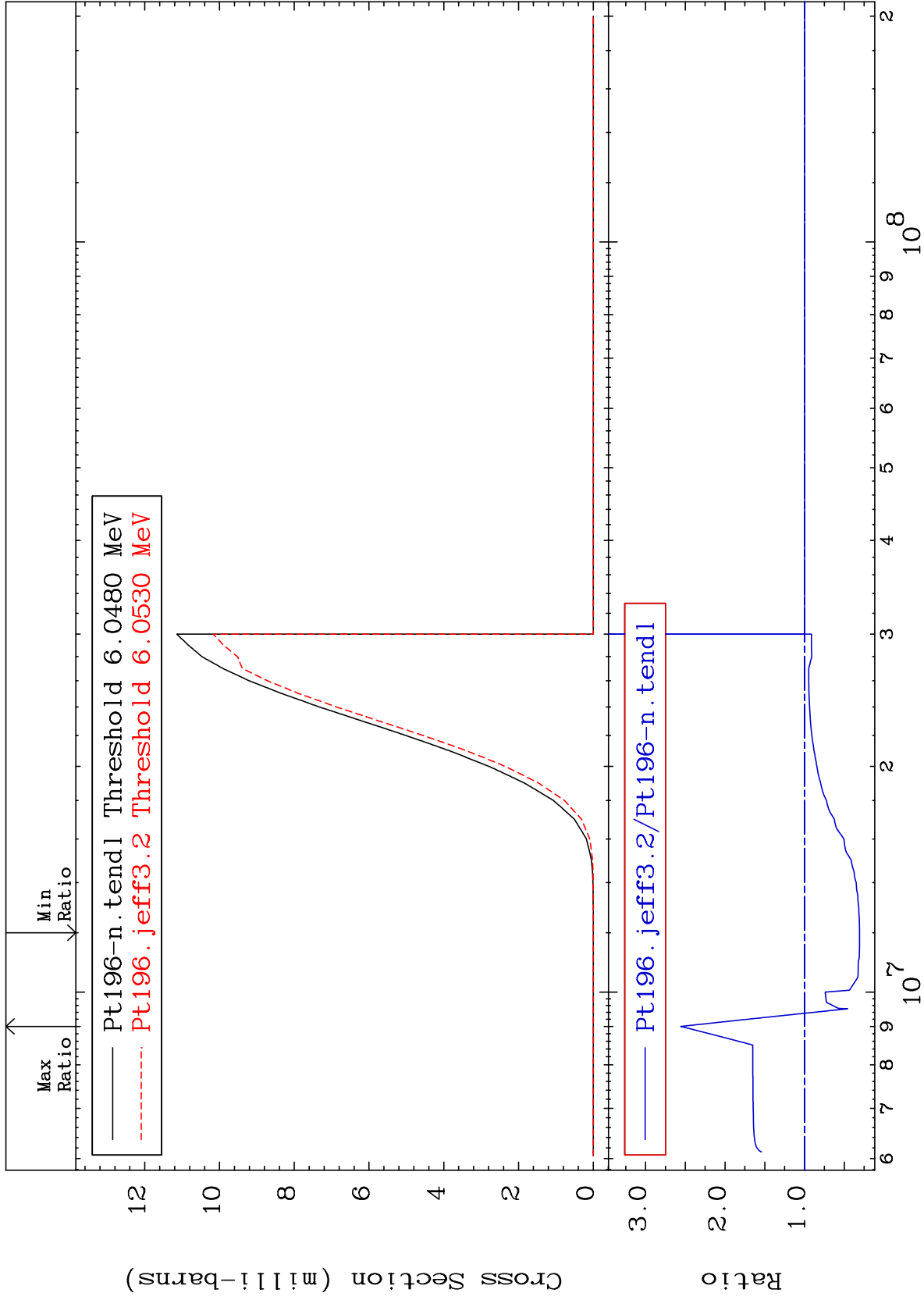
MAT 7843

(n, d)

78-Pt-196

Cross Section

-69.22 To 155.7 %



52

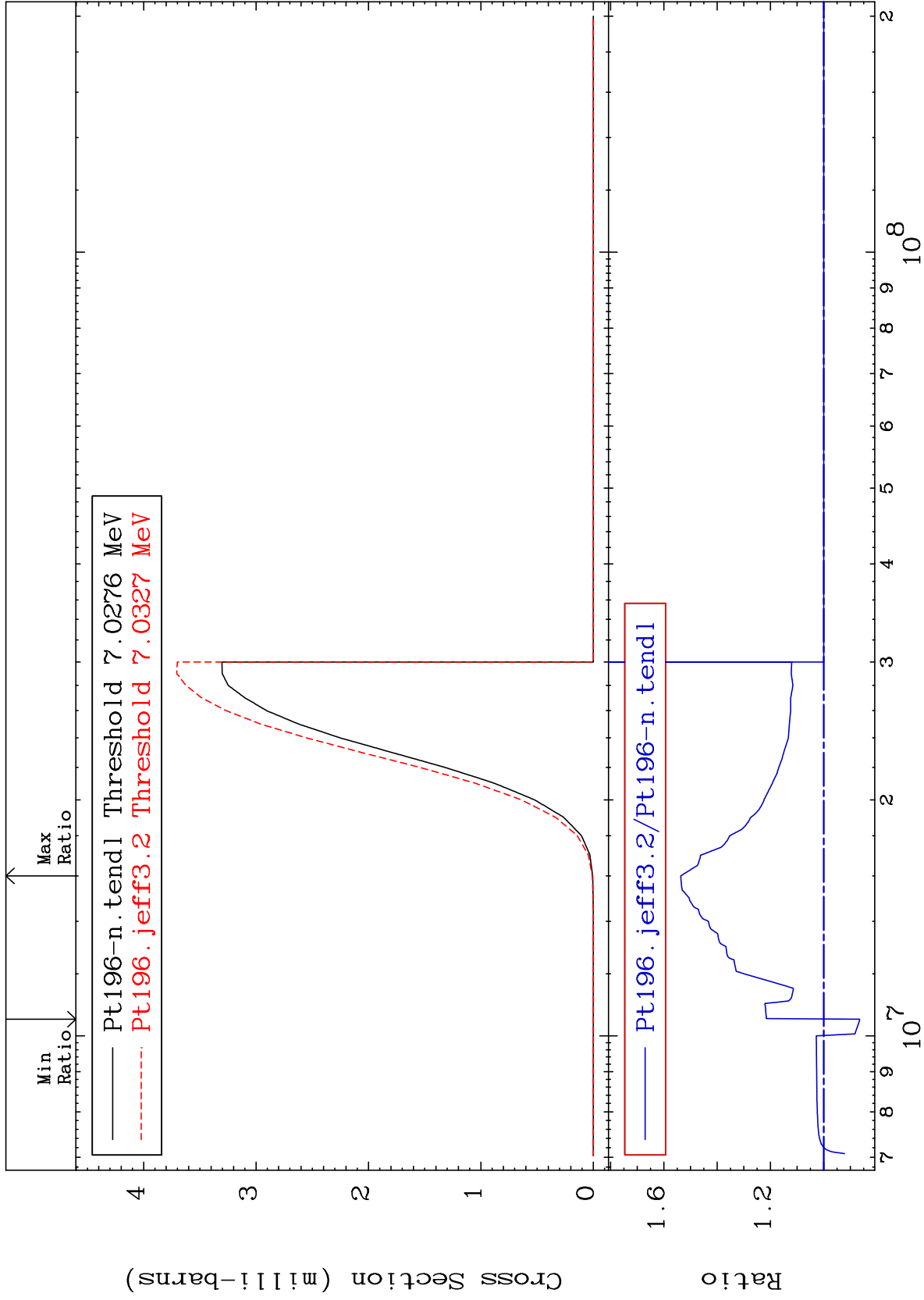
Incident Energy (eV)

78-Pt-196

MAT 7843

(n, t)  
Cross Section

78-Pt-196  
-13.40 To 53.66 %



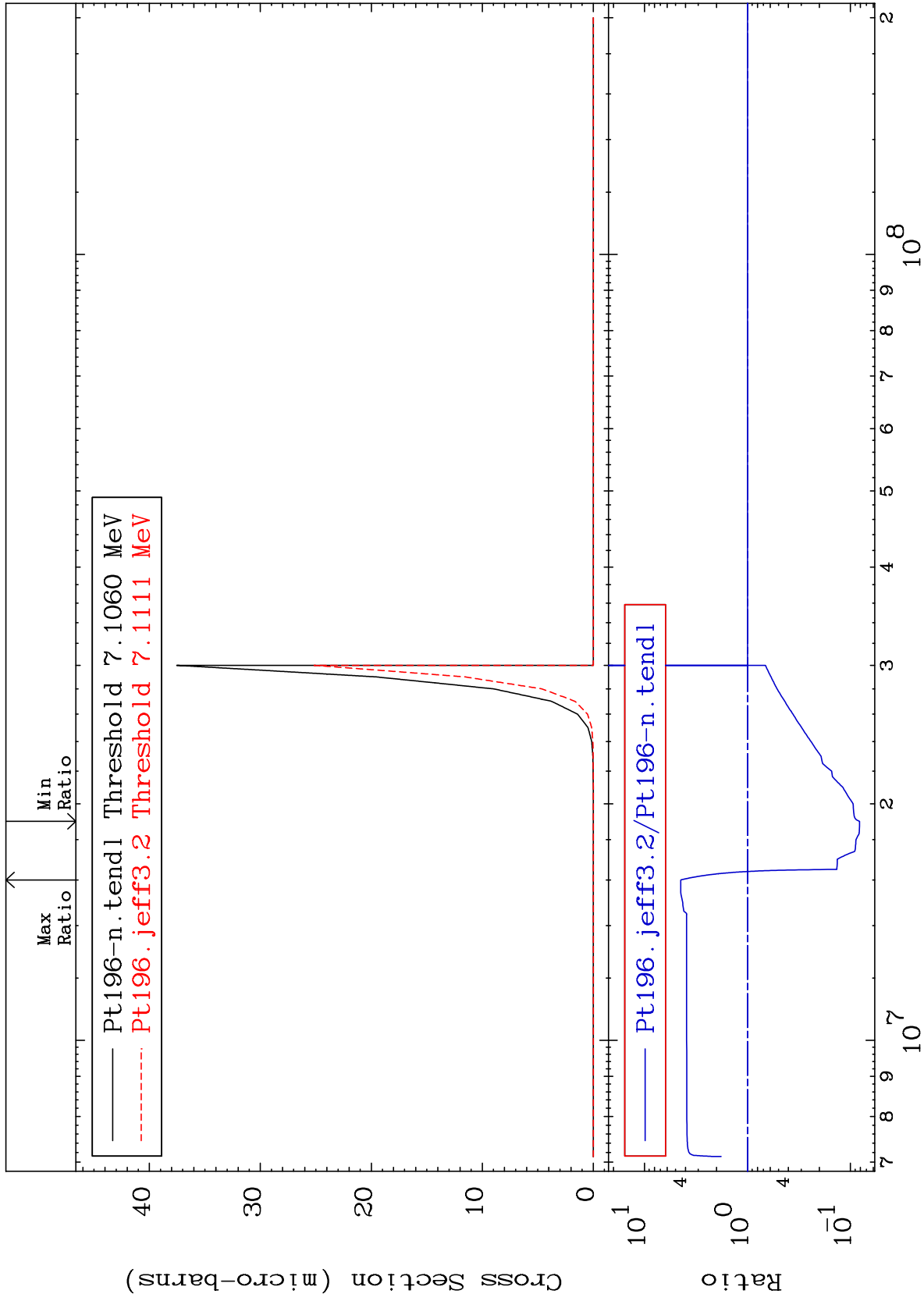
MAT 7843

(n, He-3)

78-Pt-196

Cross Section

-91.84 To 343.9 %



54

Incident Energy (eV)

78-Pt-196

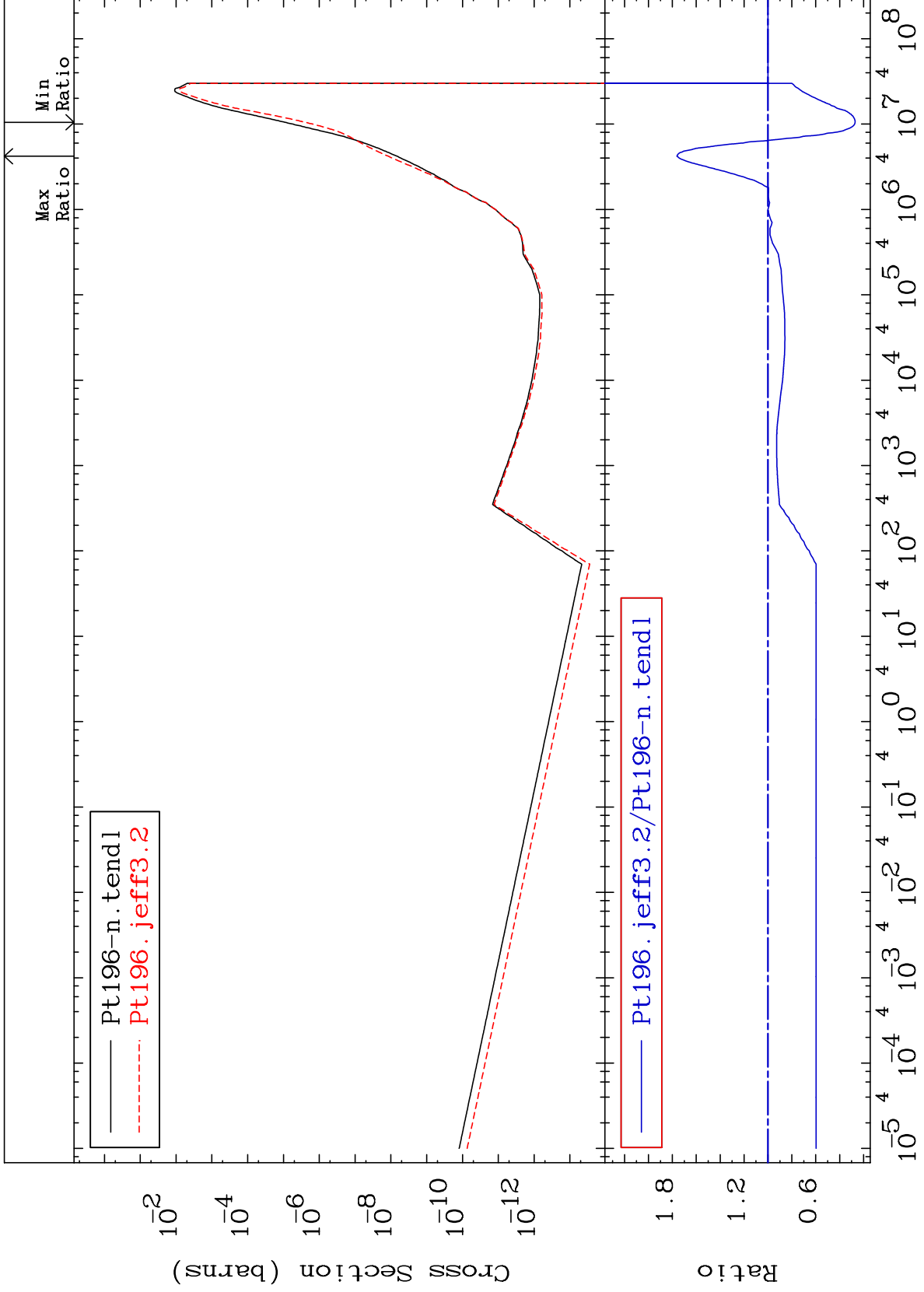
MAT 7843

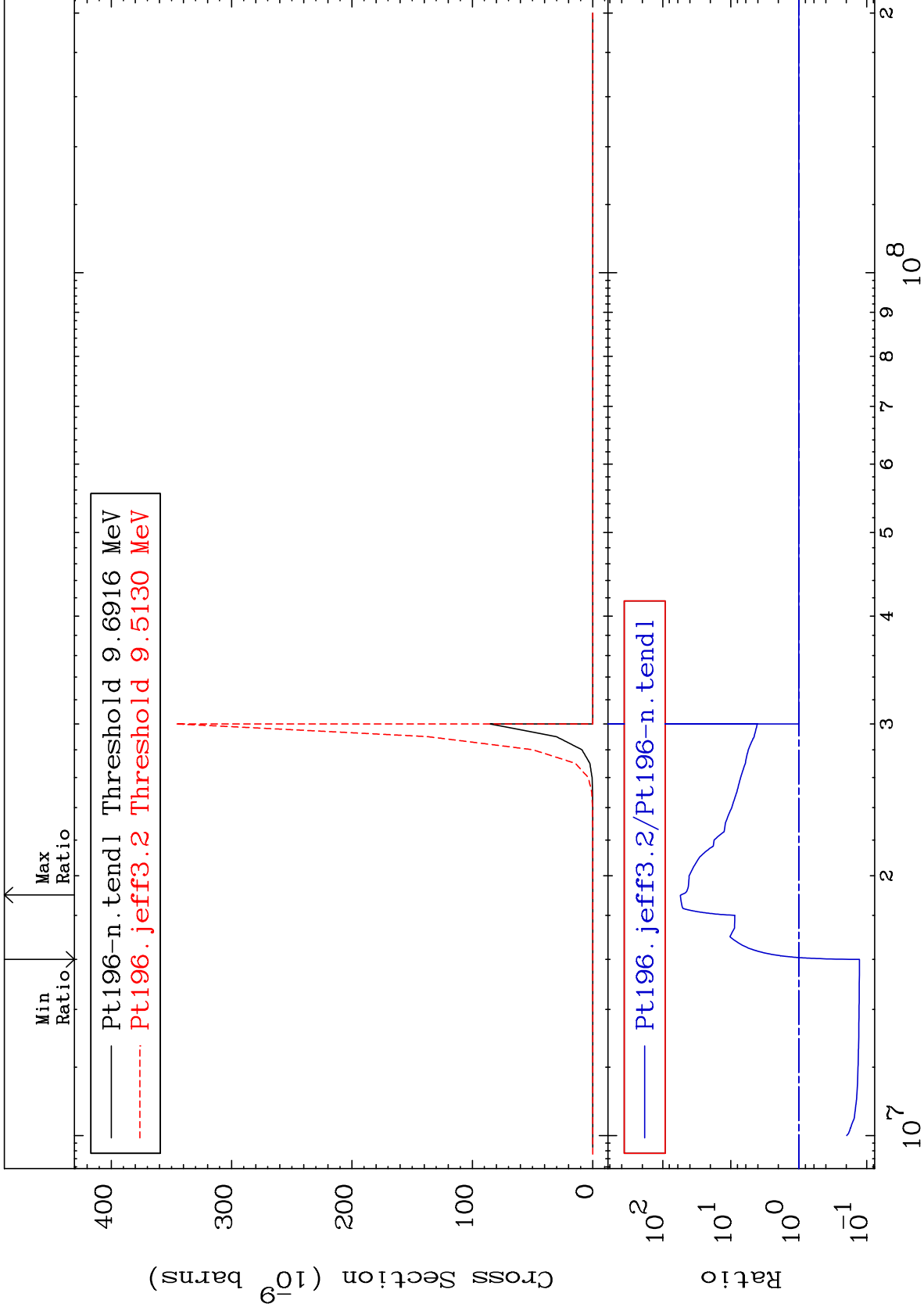
(n,  $\alpha$ )

Cross Section

78-Pt-196

-72.93 To 76.17 %



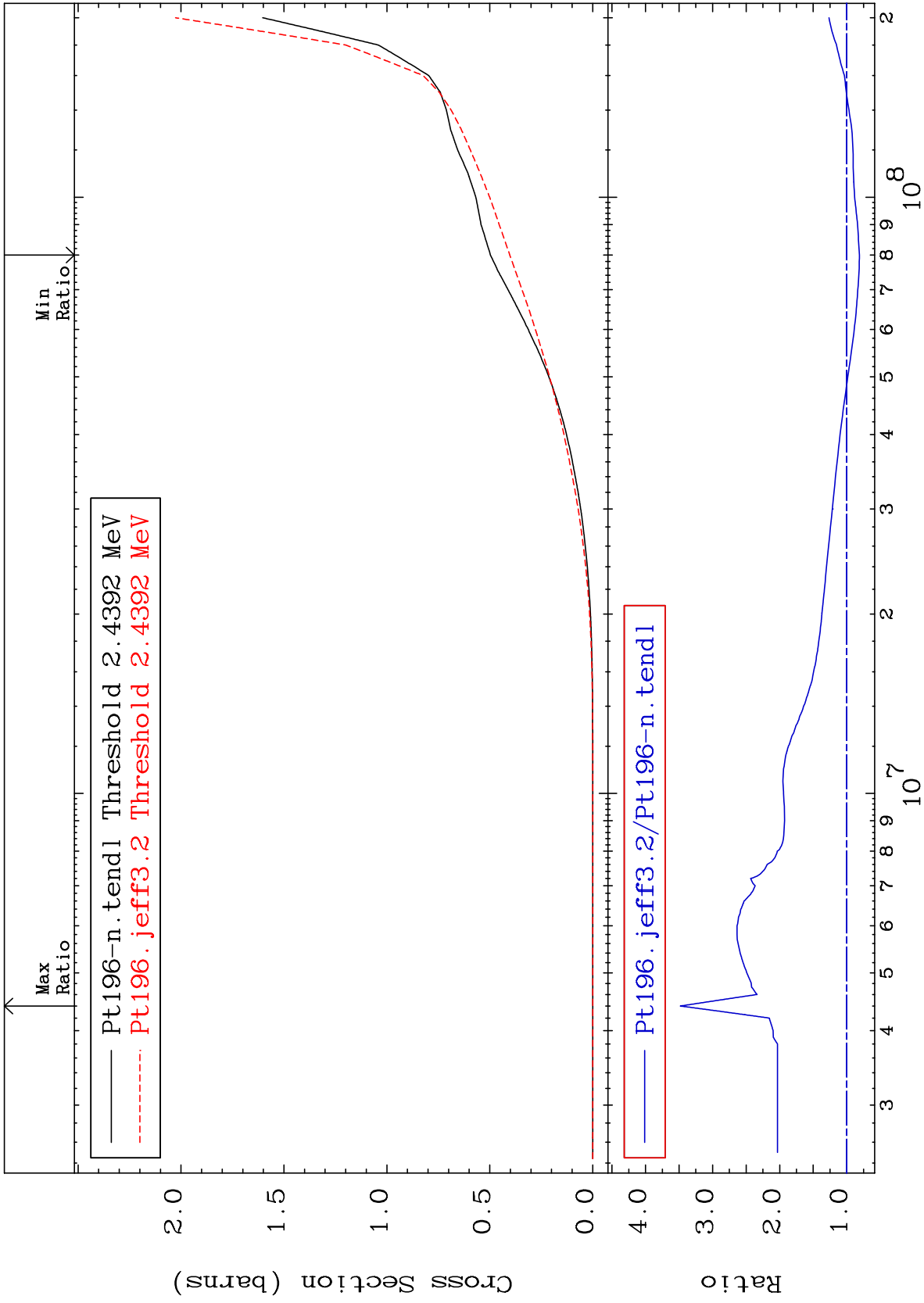




MAT 7843

Hydrogen Production  
Cross Section

78-Pt-196  
-18.92 To 248.1 %



57

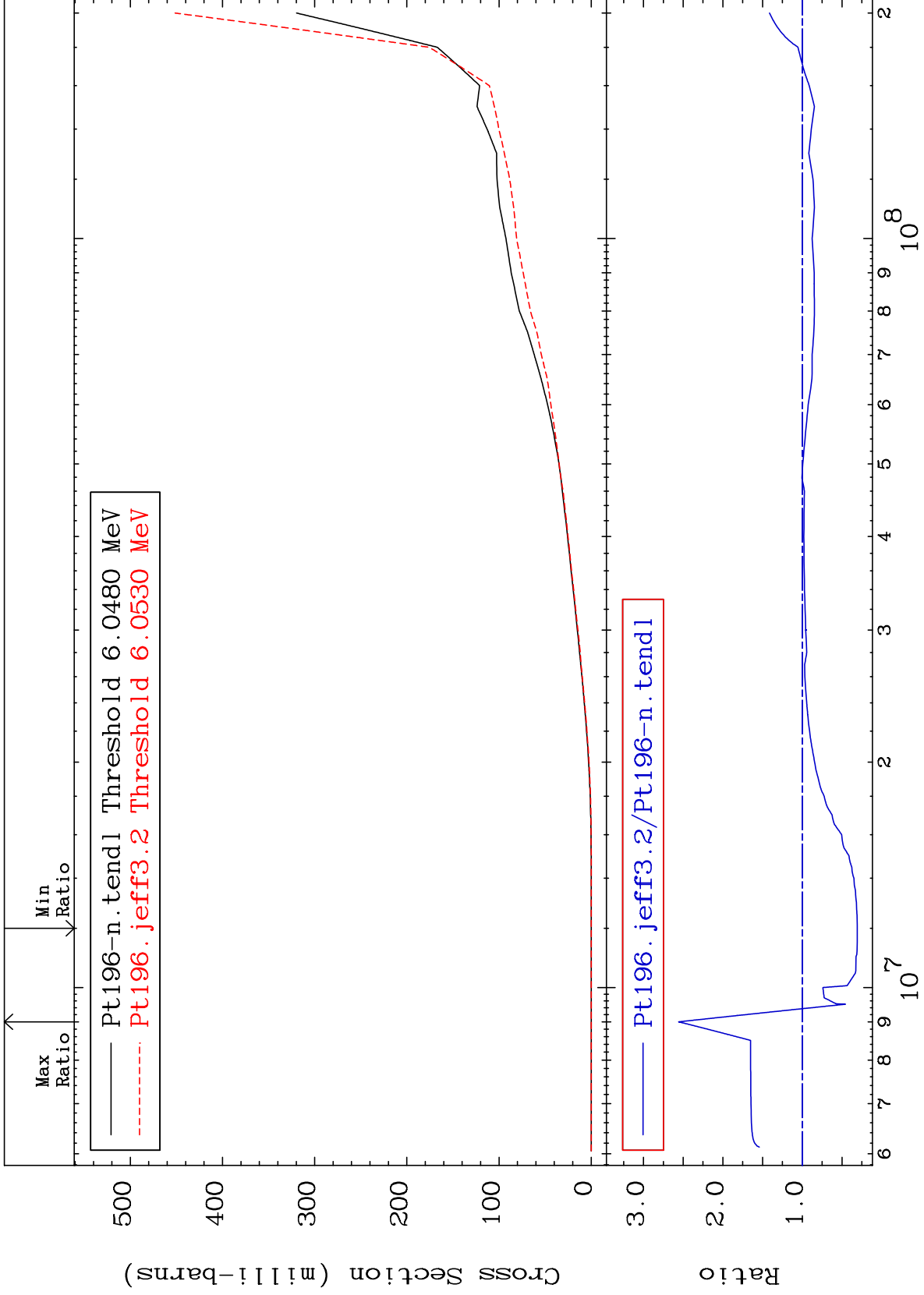
Incident Energy (eV)

78-Pt-196

MAT 7843

Deuterium Production  
Cross Section

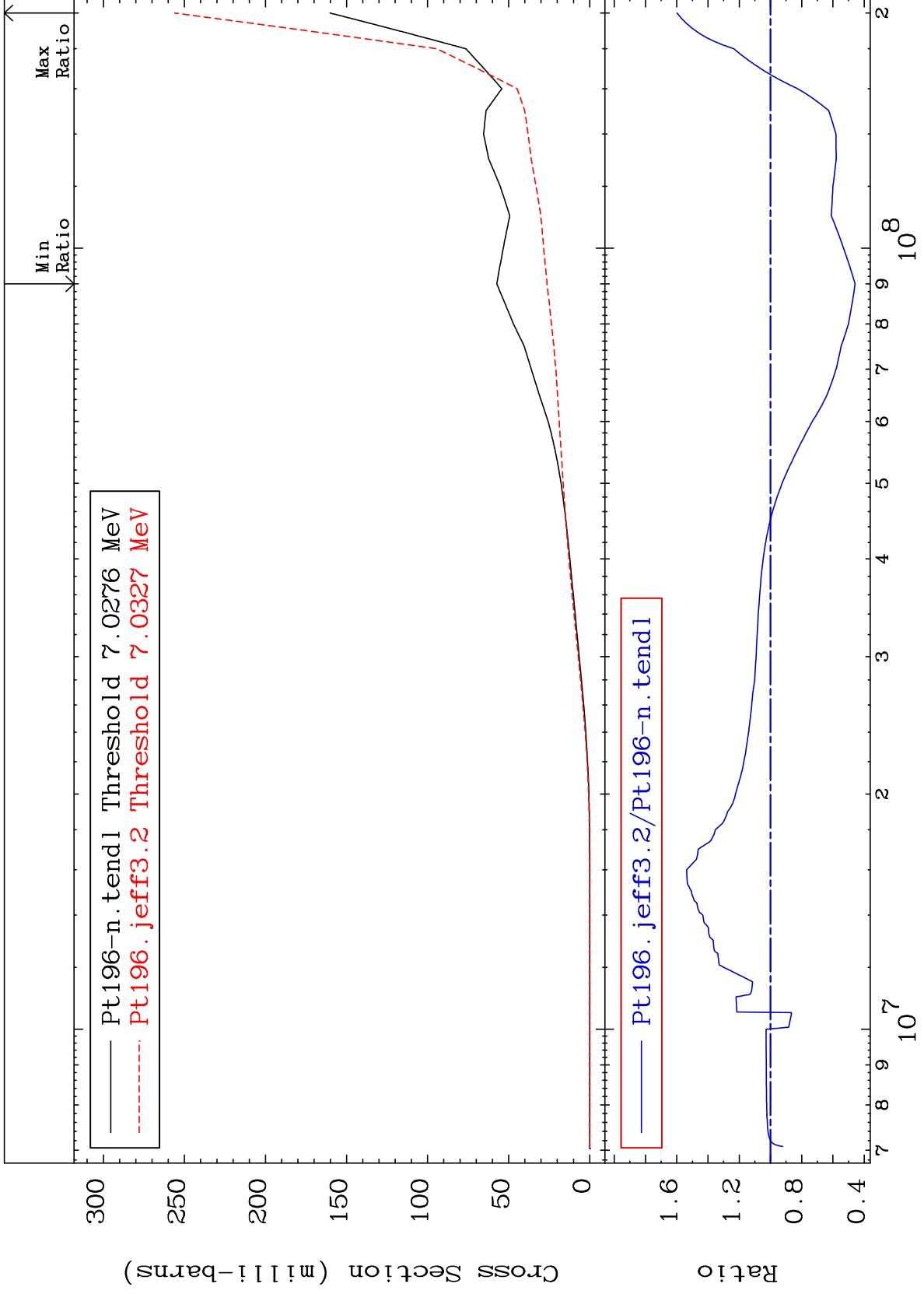
78-Pt-196  
-69.22 To 155.7 %



MAT 7843

Tritium Production  
Cross Section

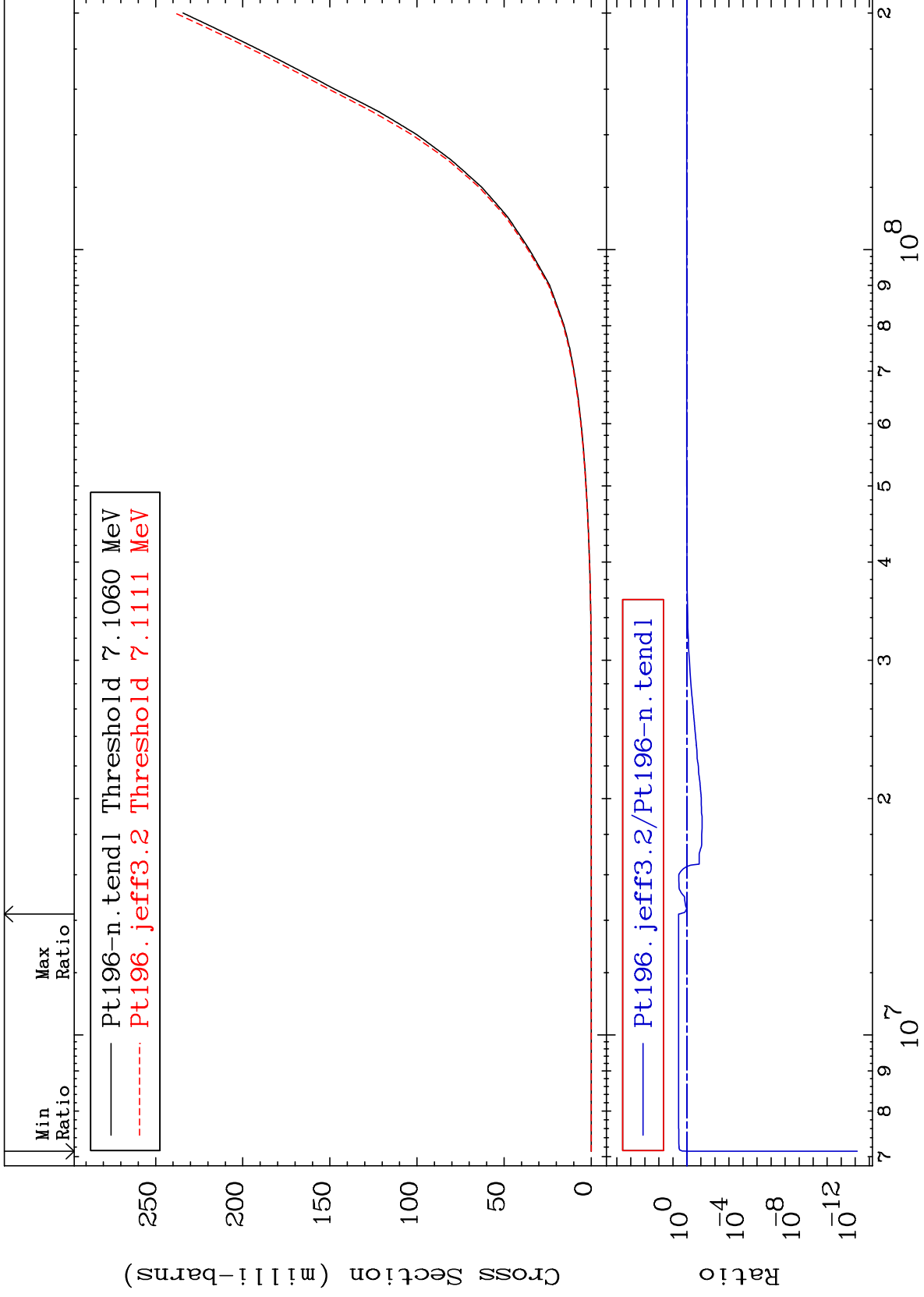
78-Pt-196  
-54.16 To 59.87 %



MAT 7843

He-3 Production  
Cross Section

78-Pt-196  
-100.0 To 289.6 %



60

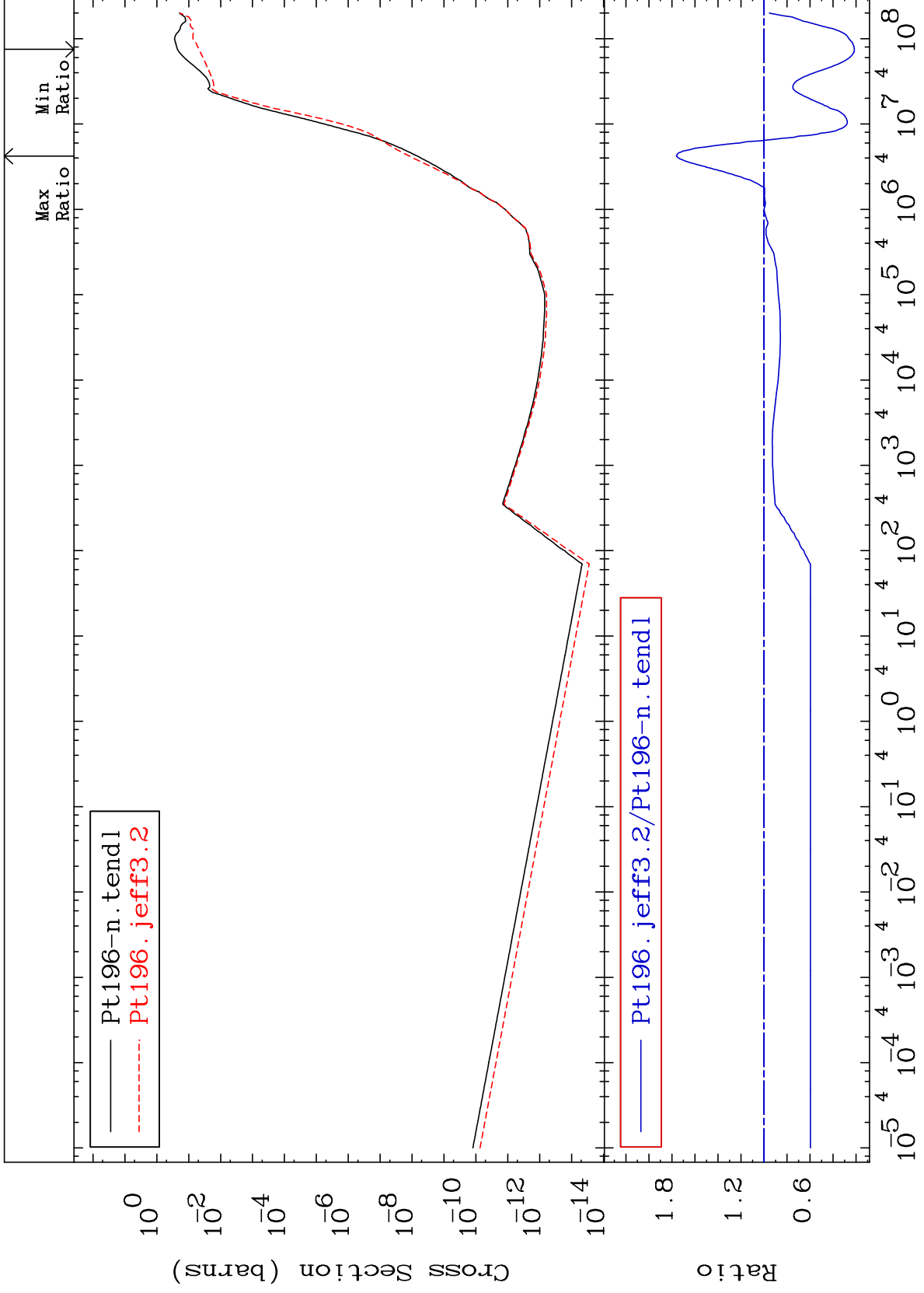
Incident Energy (eV)

78-Pt-196

MAT 7843

He-4 Production  
Cross Section

78-Pt-196  
-78.51 To 76.17 %



61

Incident Energy (eV)

78-Pt-196

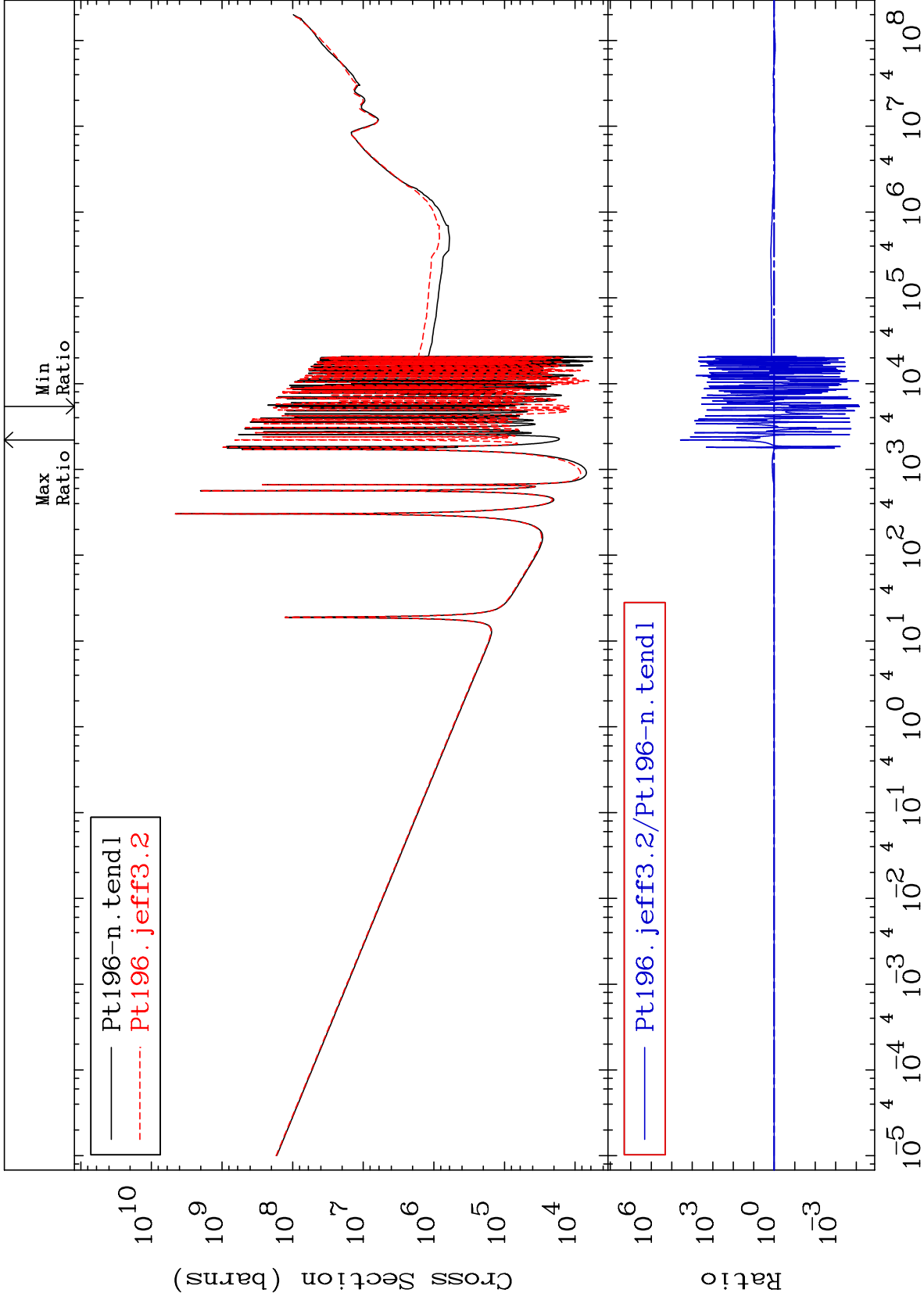
MAT 7843

Kerma total (eV-barns)

78-Pt-196

Cross Section

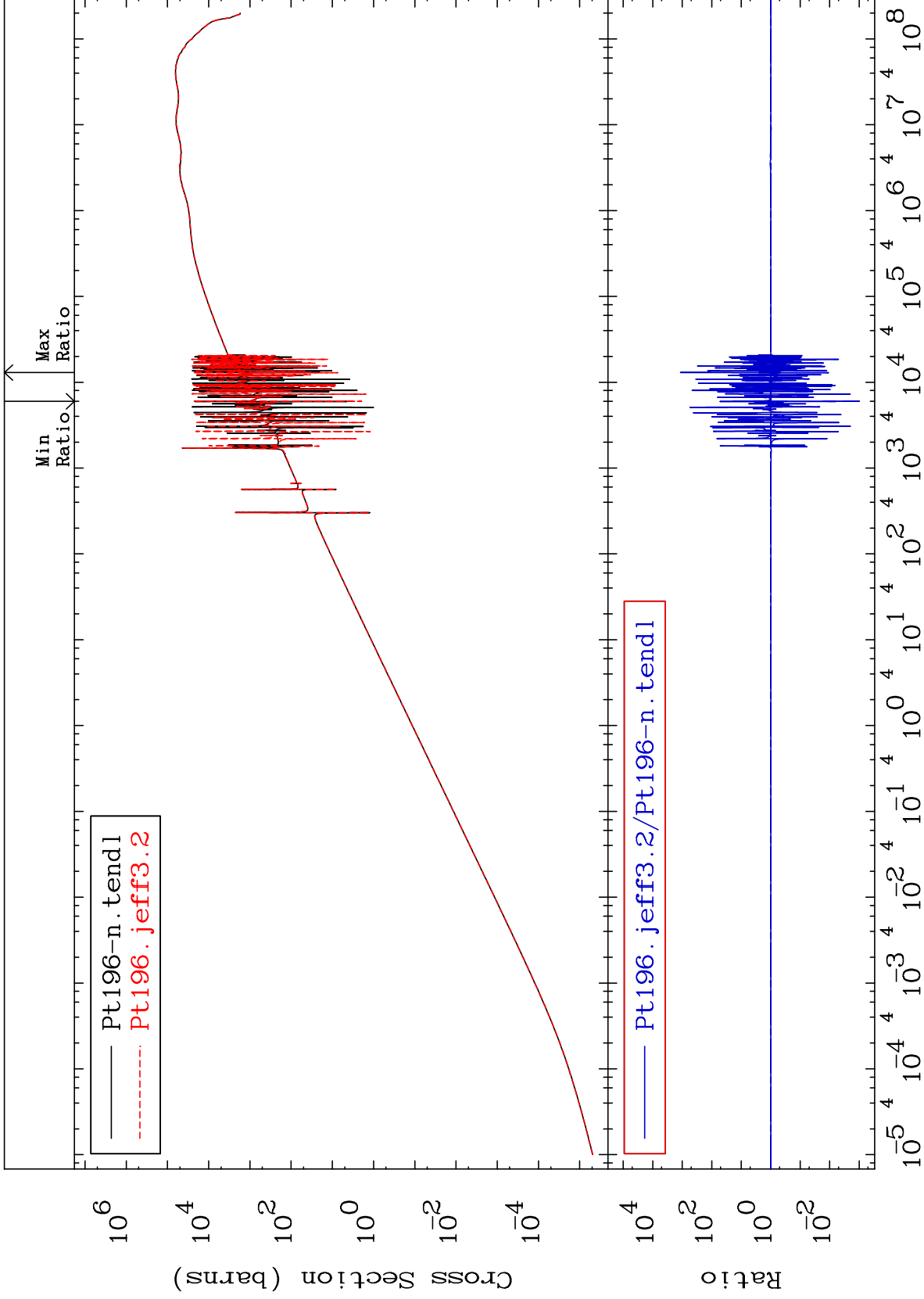
-99.99 To 9999. %

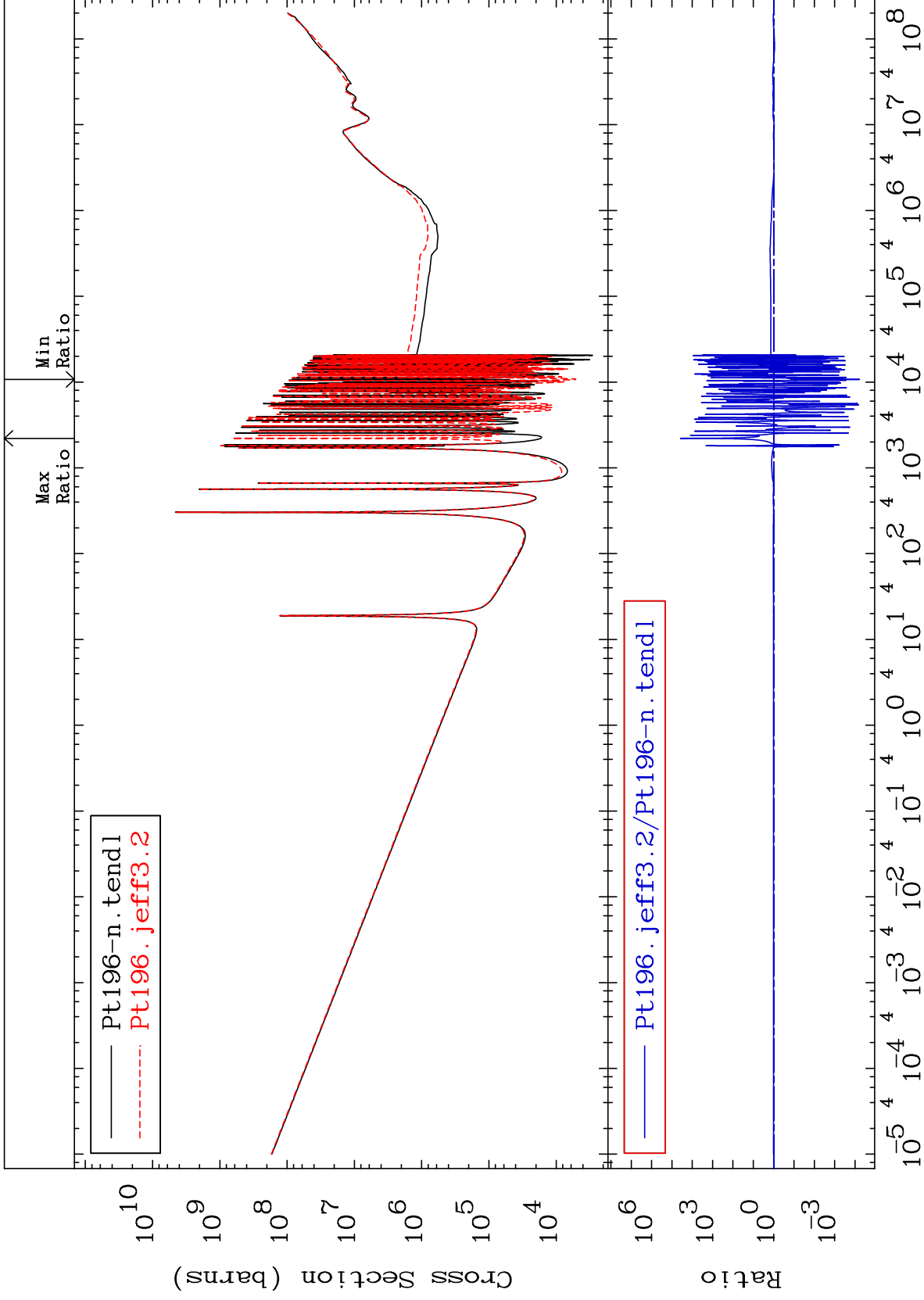


MAT 7843

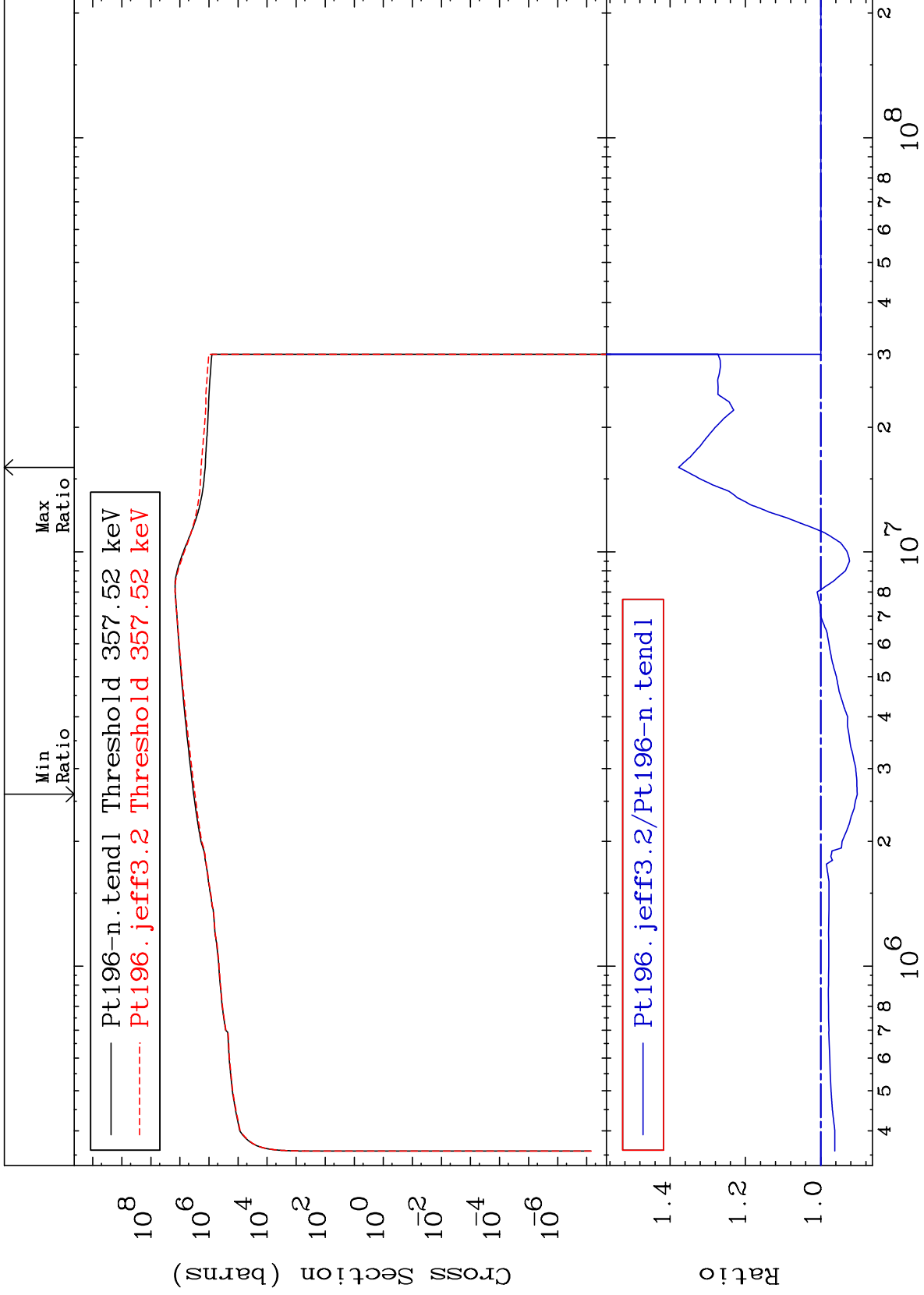
Kerma elastic  
Cross Section

78-Pt-196  
-99.90 To 9999. %





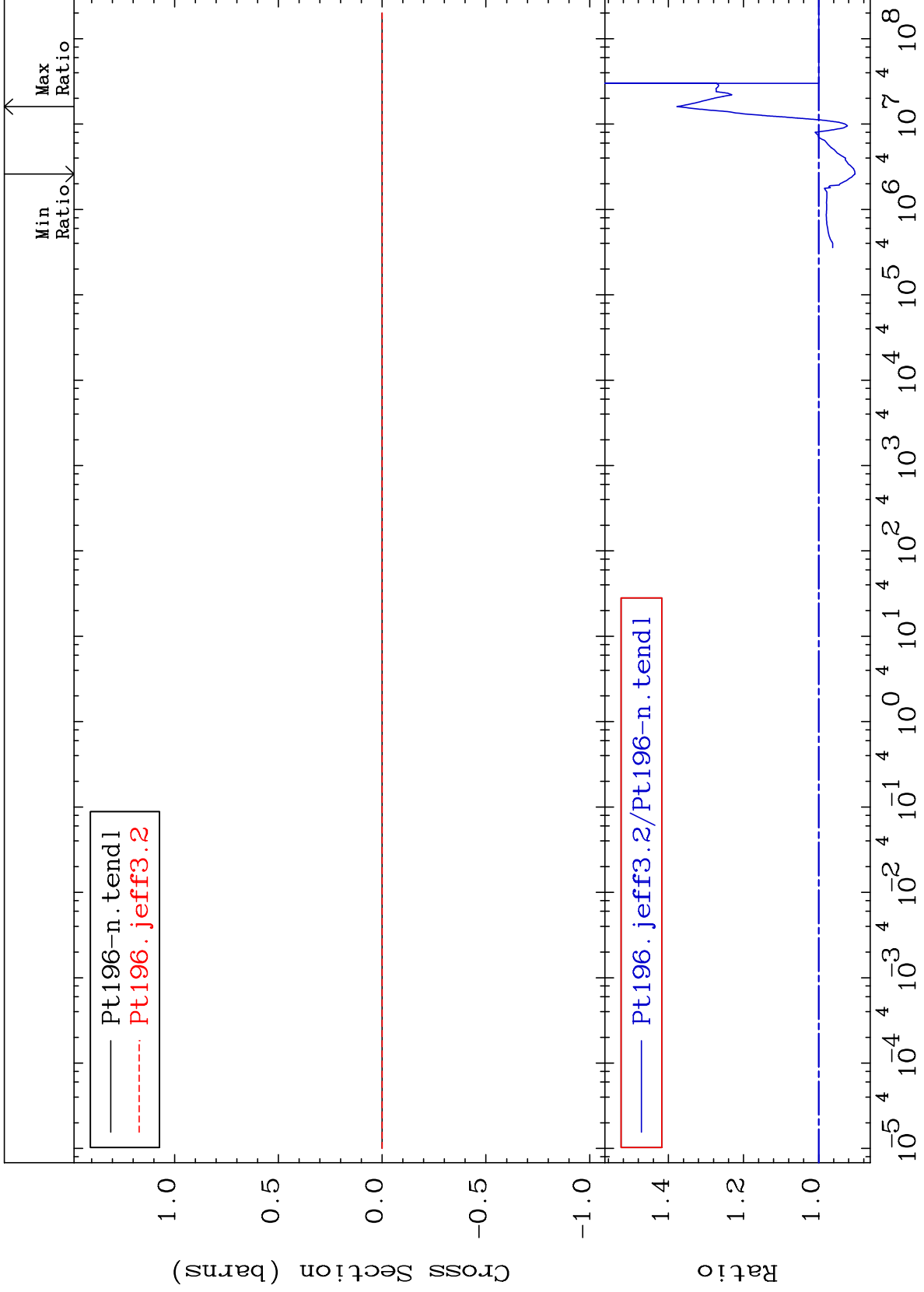


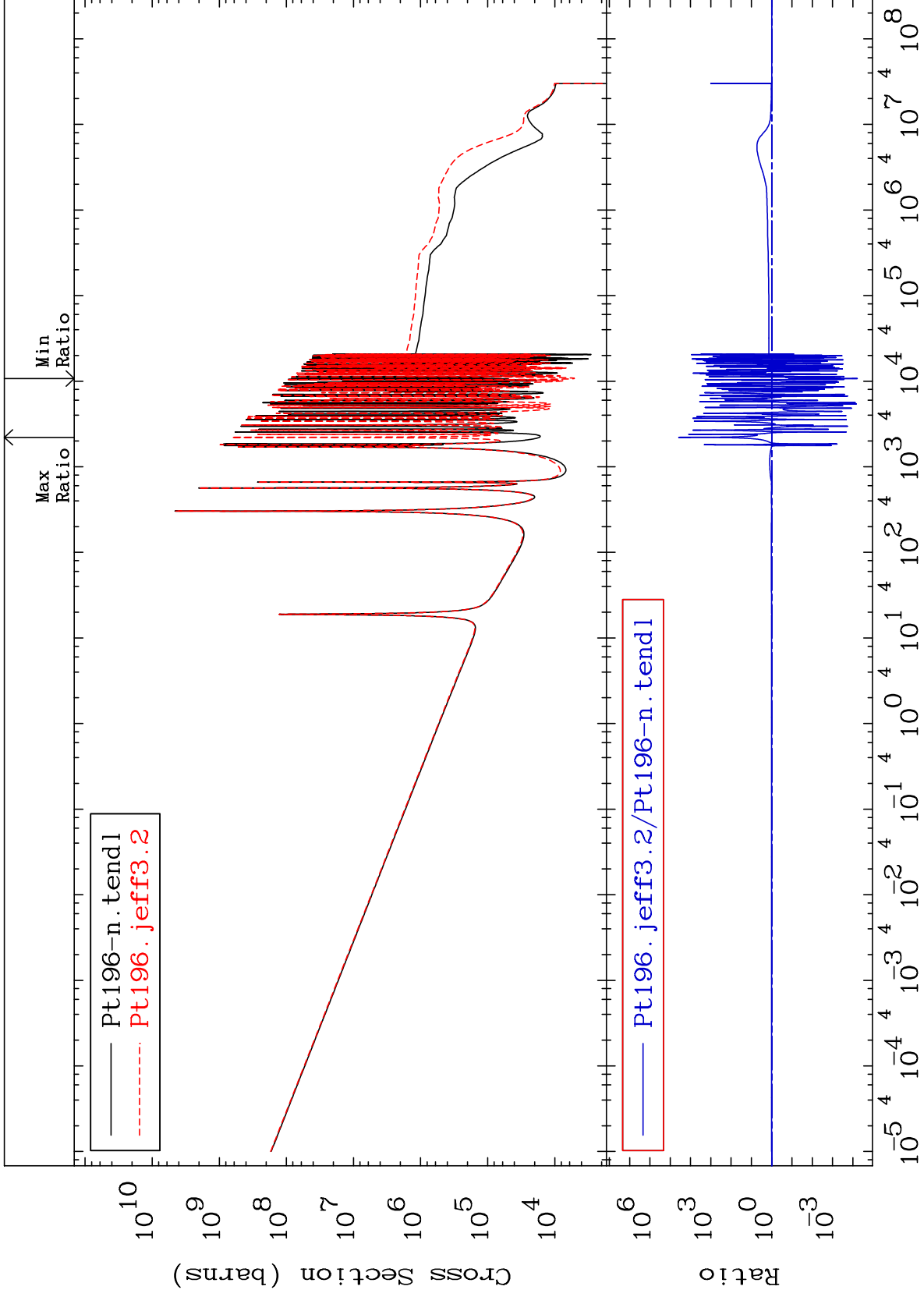


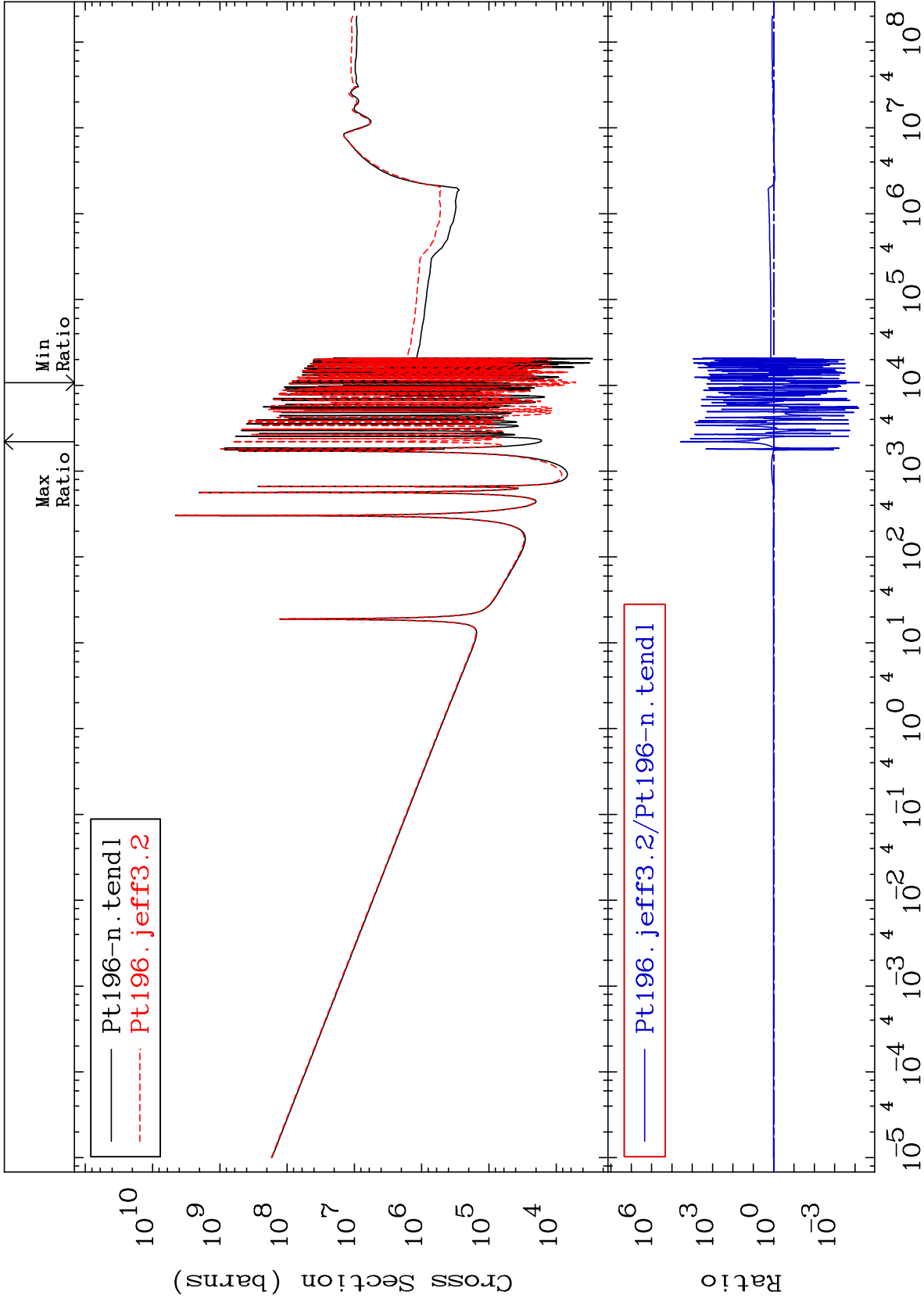
MAT 7843

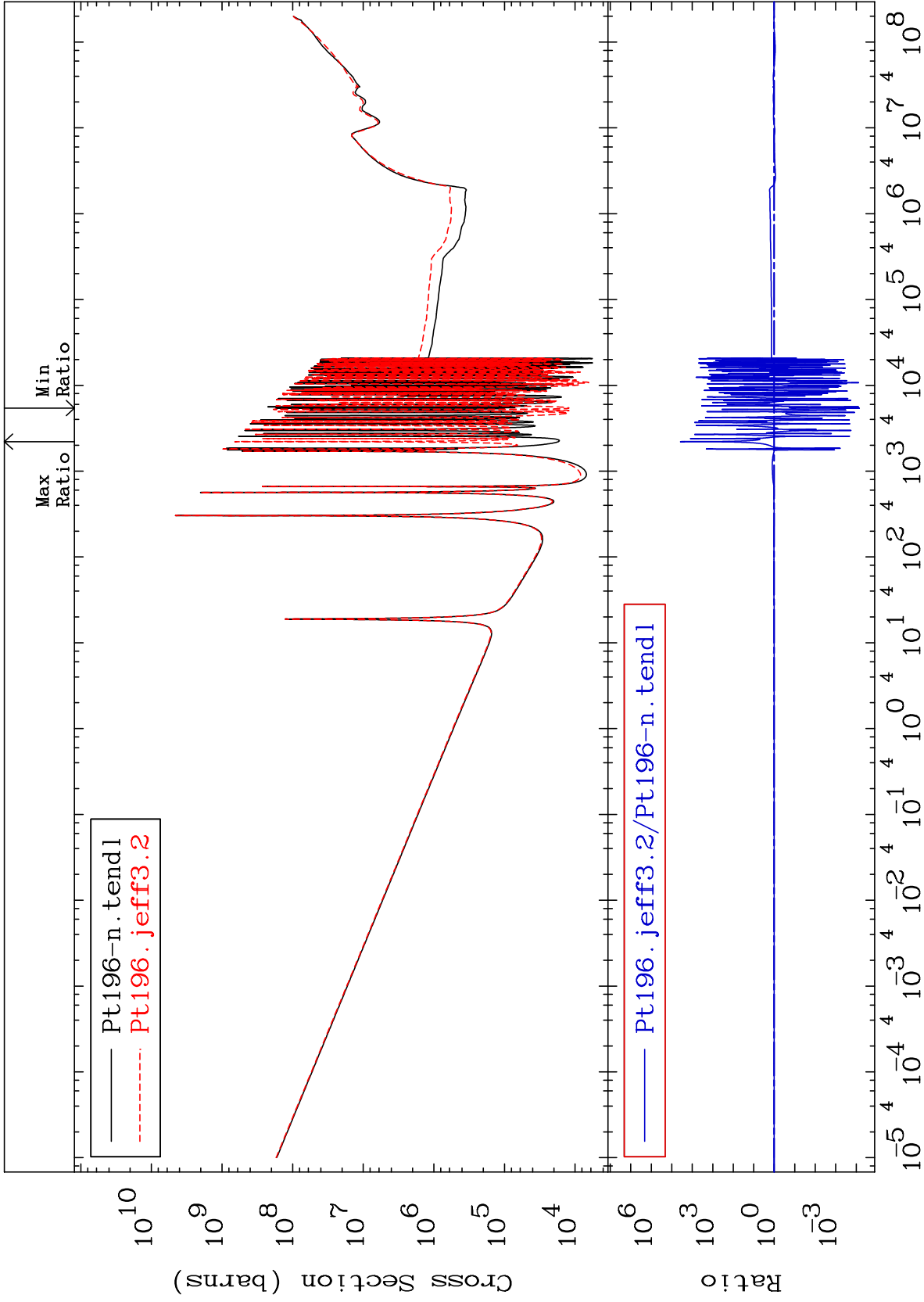
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

78-Pt-196  
-9.689 To 37.74 %





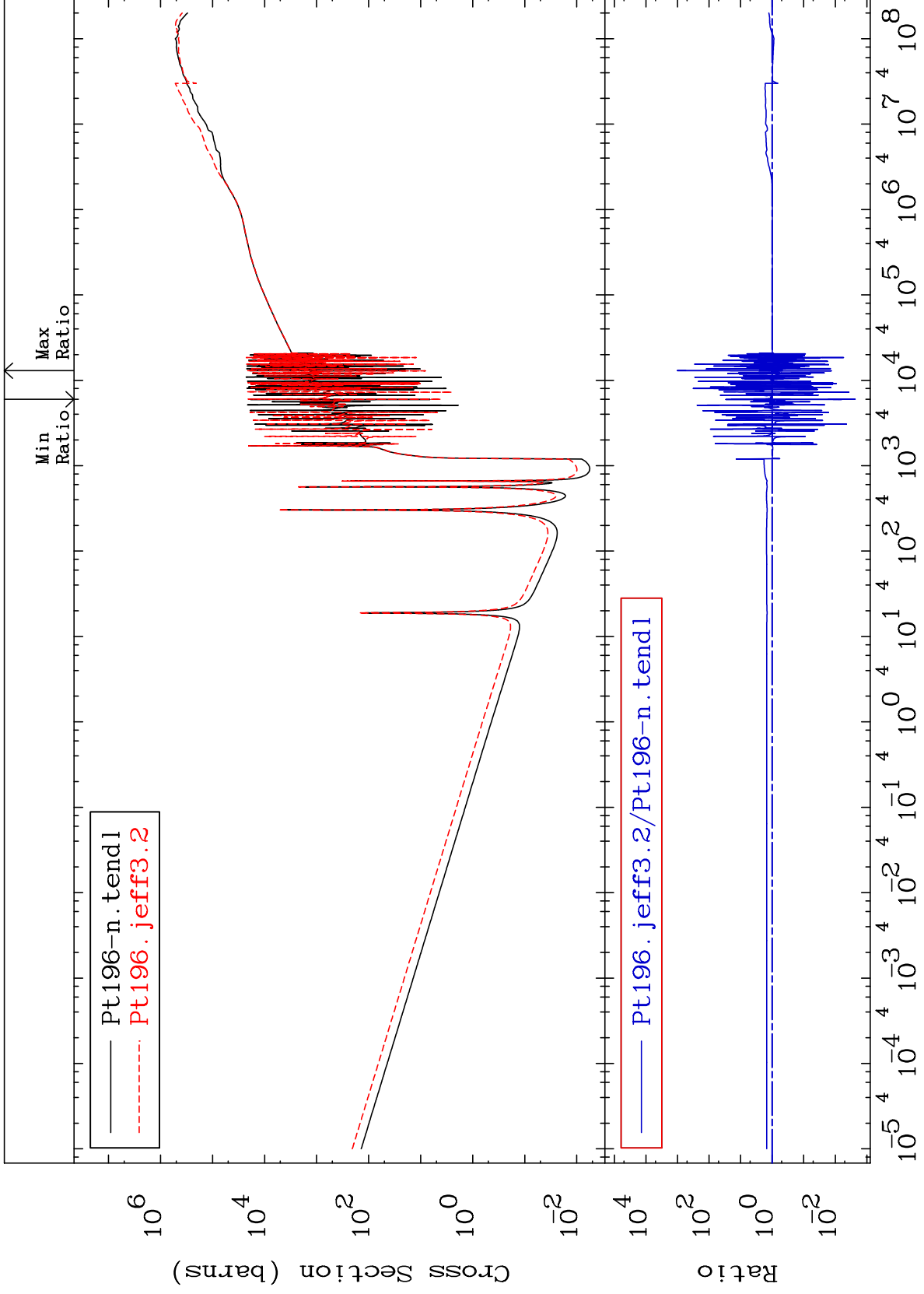




MAT 7843

Dpa total (eV-barns)  
Cross Section

78-Pt-196  
-99.76 To 9999. %



70

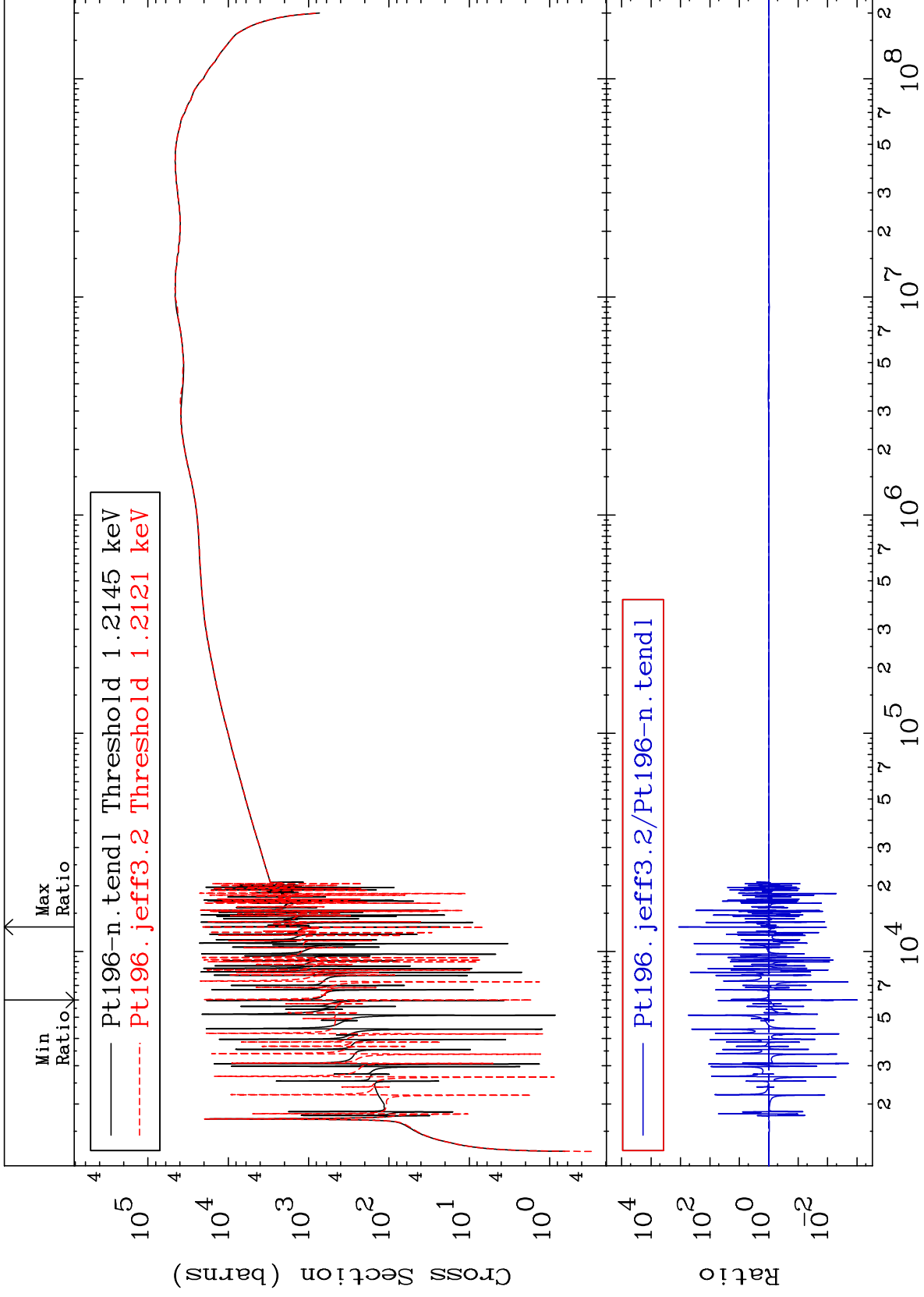
Incident Energy (eV)

78-Pt-196

MAT 7843

Dpa elastic (mt2)  
Cross Section

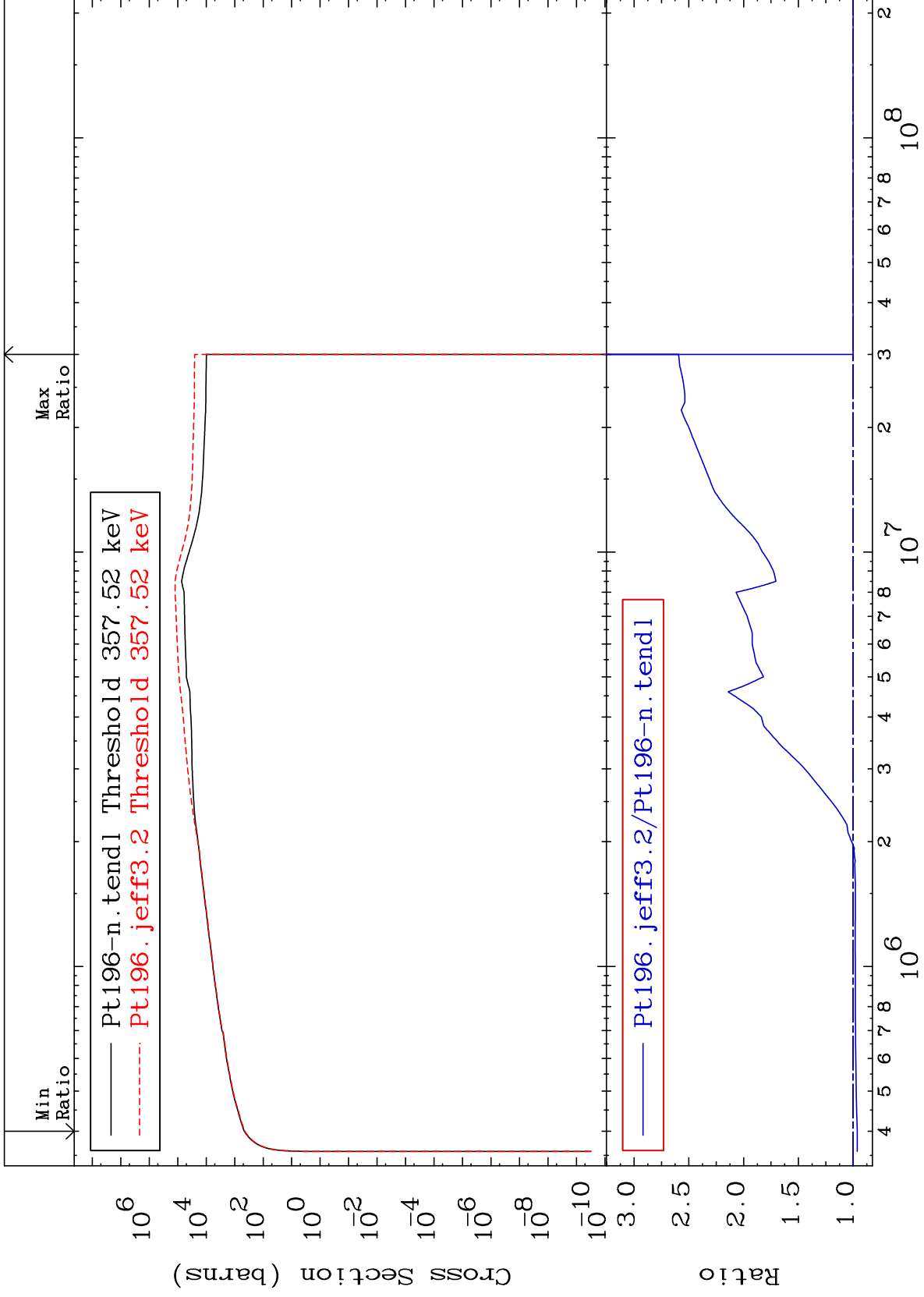
78-Pt-196  
-99.90 To 9999. %



MAT 7843

Dpa inelastic (mt51-91)  
Cross Section

78-Pt-196  
-3.735 To 159.3 %



72

Incident Energy (eV)

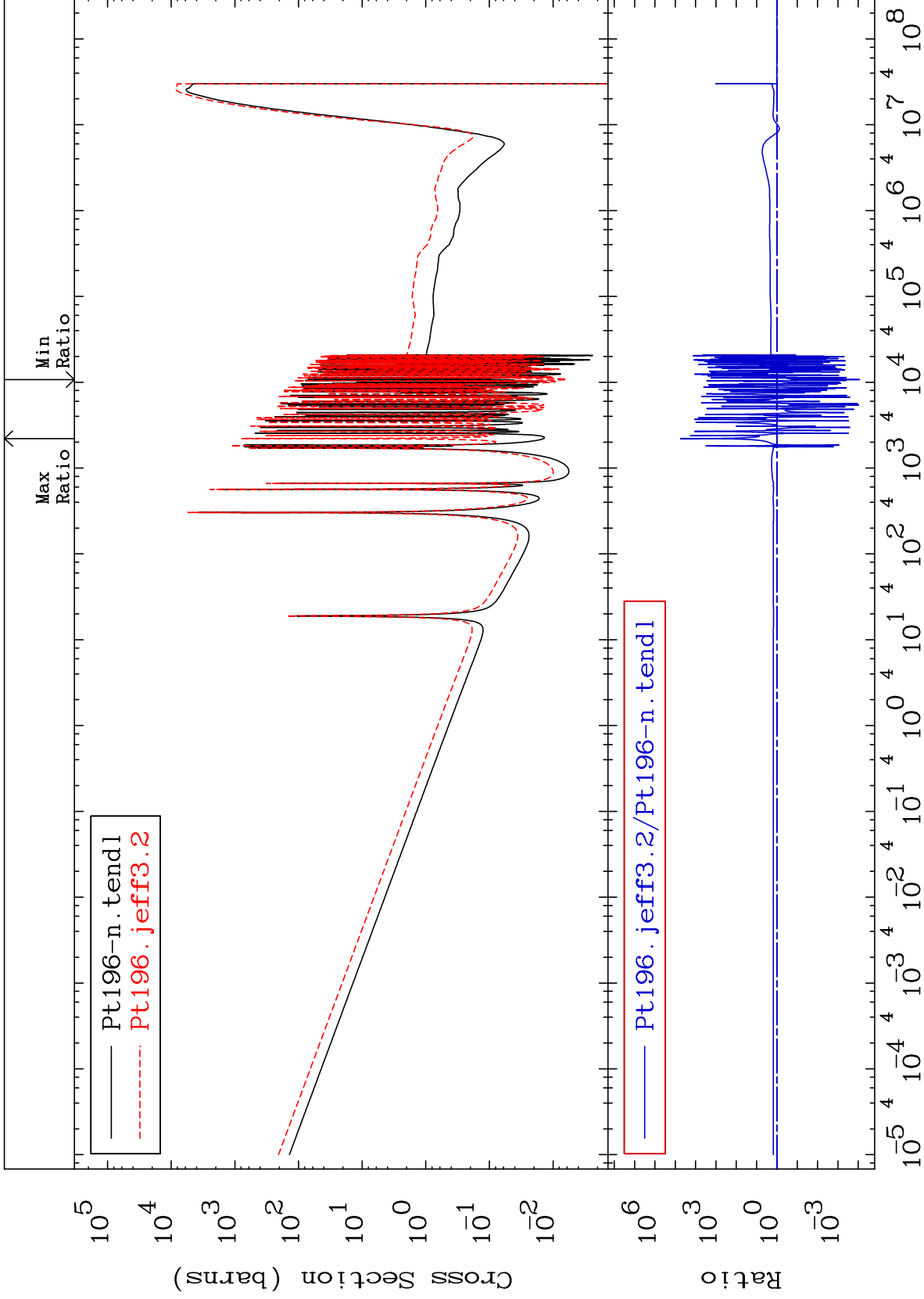
78-Pt-196



MAT 7843

Dpa disappearance (mt102 -120)  
Cross Section

78-Pt-196  
-99.99 To 9999. %



73

Incident Energy (eV)

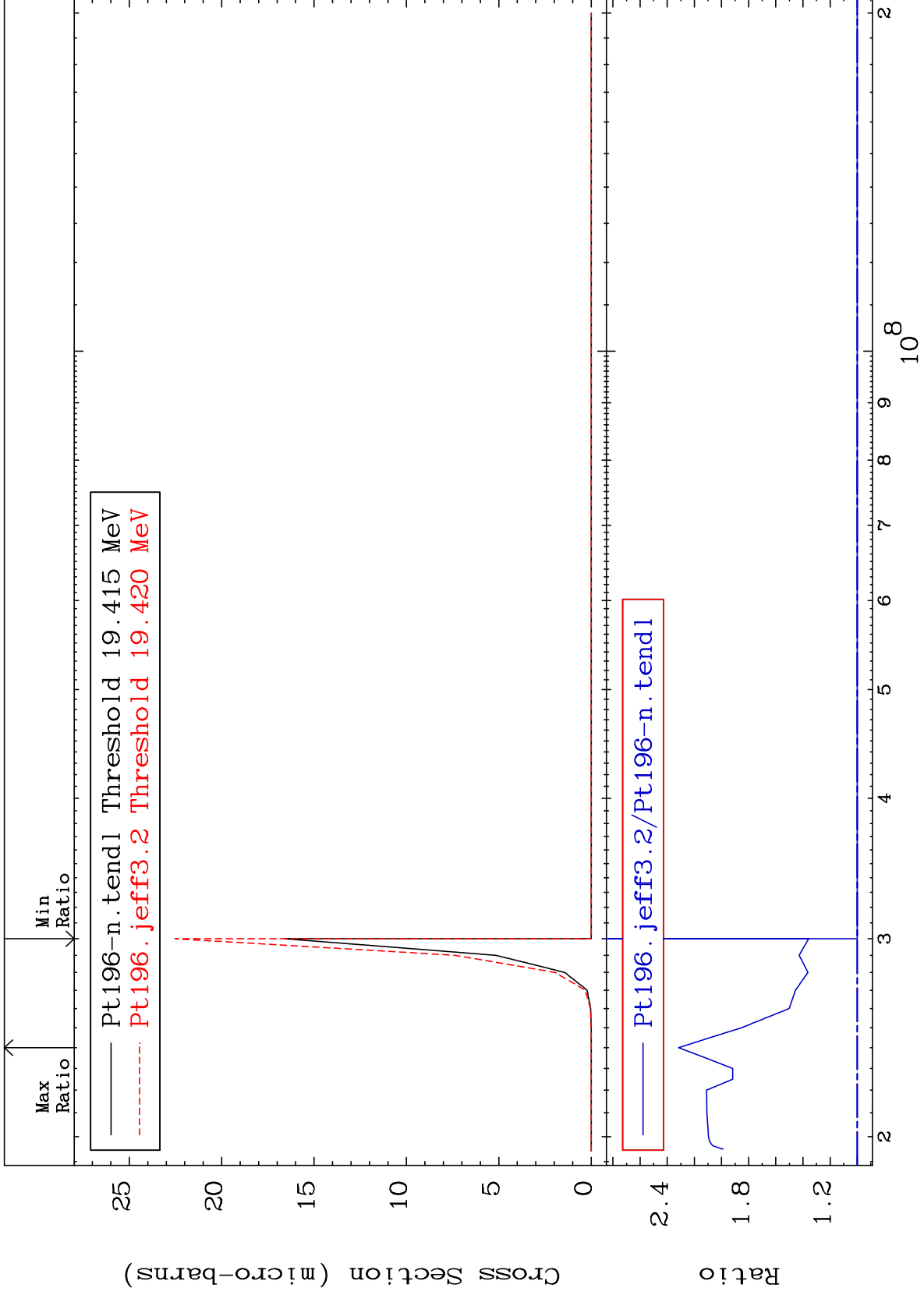
78-Pt-196

MAT 7843

(n,2n) d: 77-Ir-193g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 131.6 %



74

Incident Energy (eV)

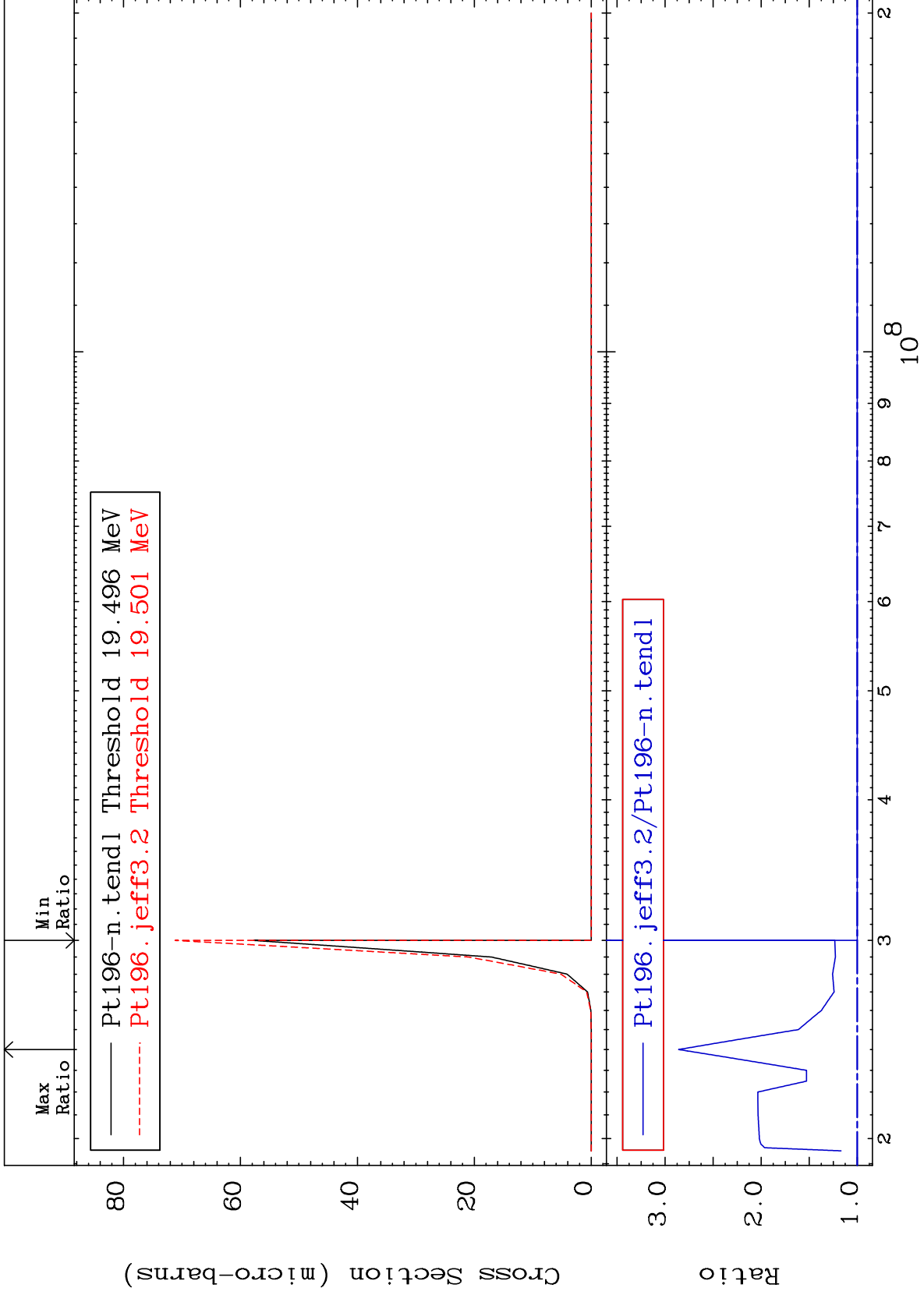
78-Pt-196

MAT 7843

(n,2n) d:77-Ir-193m2

78-Pt-196

Radionuclide Production Cross Section 0.000 To 185.9 %



75

Incident Energy (eV)

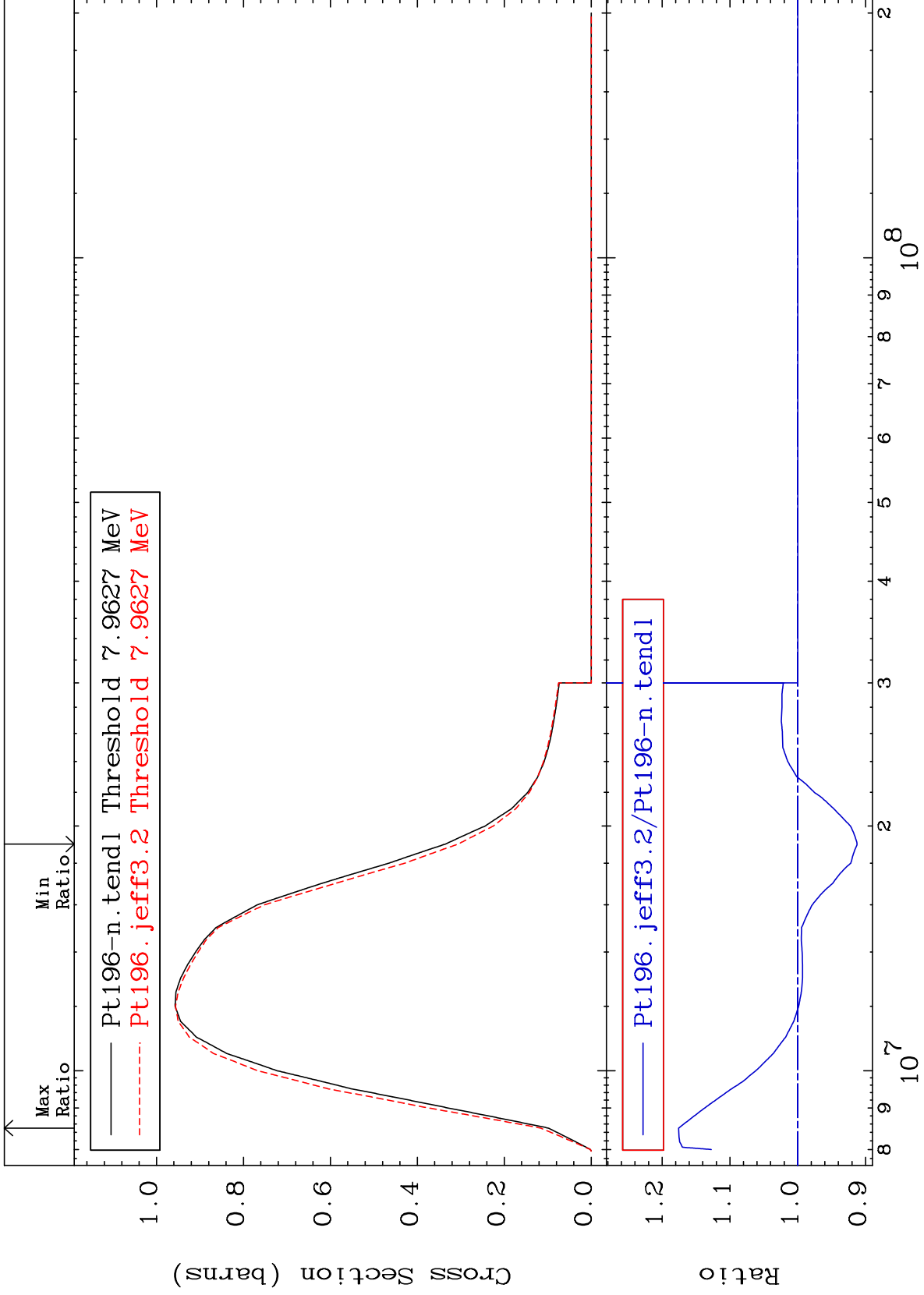
78-Pt-196

MAT 7843

(n,2n):78-Pt-195g

78-Pt-196

Radionuclide Production Cross Section -8.779 To 17.56 %



76

Incident Energy (eV)

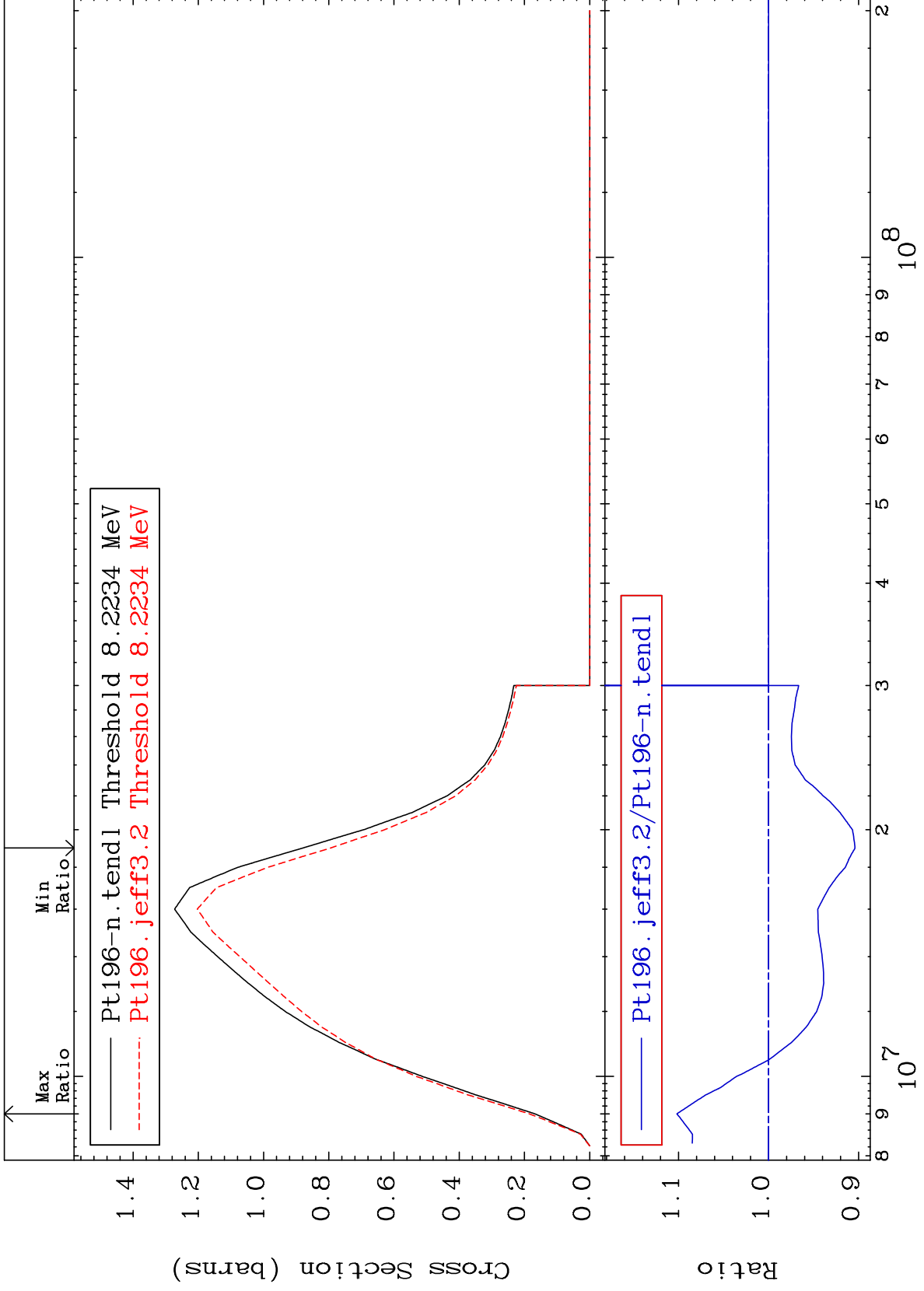
78-Pt-196

MAT 7843

(n,2n):78-Pt-195m7

78-Pt-196

Radionuclide Production Cross Section -9.610 To 10.18 %



77

Incident Energy (eV)

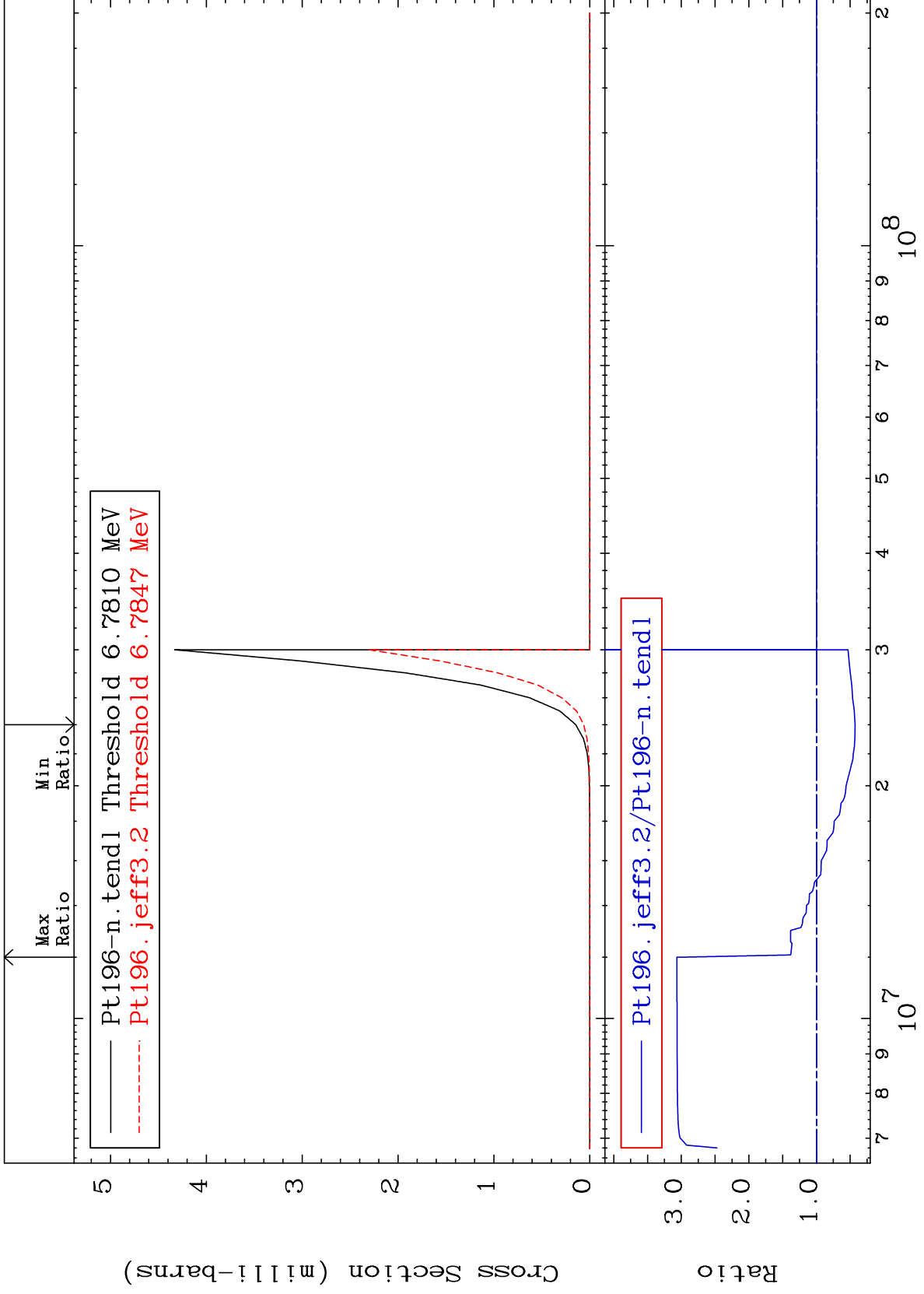
78-Pt-196

MAT 7843

(n,2n)  $\alpha$ : 76-Os-191g

78-Pt-196

Radionuclide Production Cross Section -57.26 To 206.5 %



78

Incident Energy (eV)

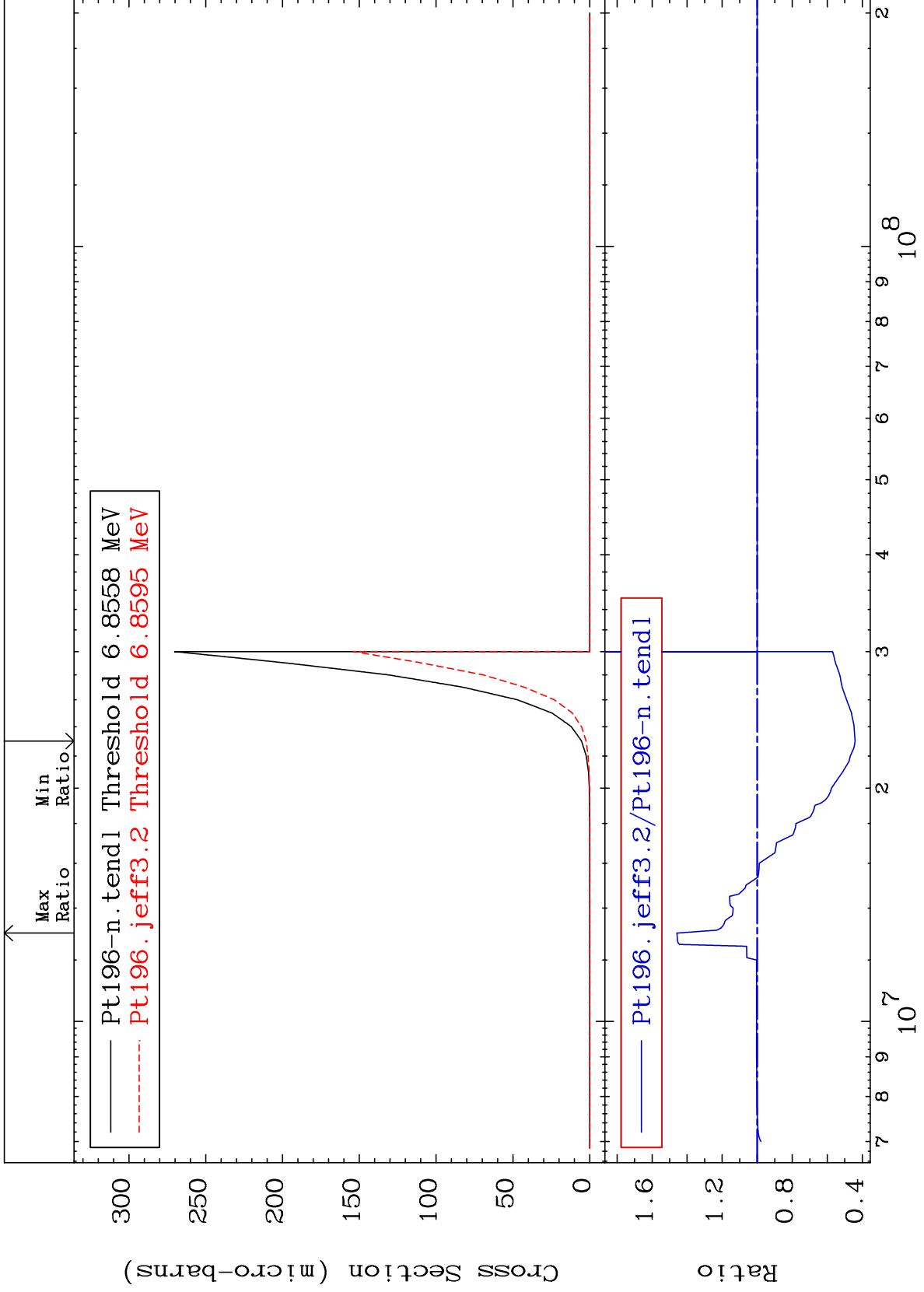
78-Pt-196

MAT 7843

(n,2n)  $\alpha$ : 76-0s-191m1

78-Pt-196

Radionuclide Production Cross Section -55.87 To 45.83 %



79

Incident Energy (eV)

78-Pt-196

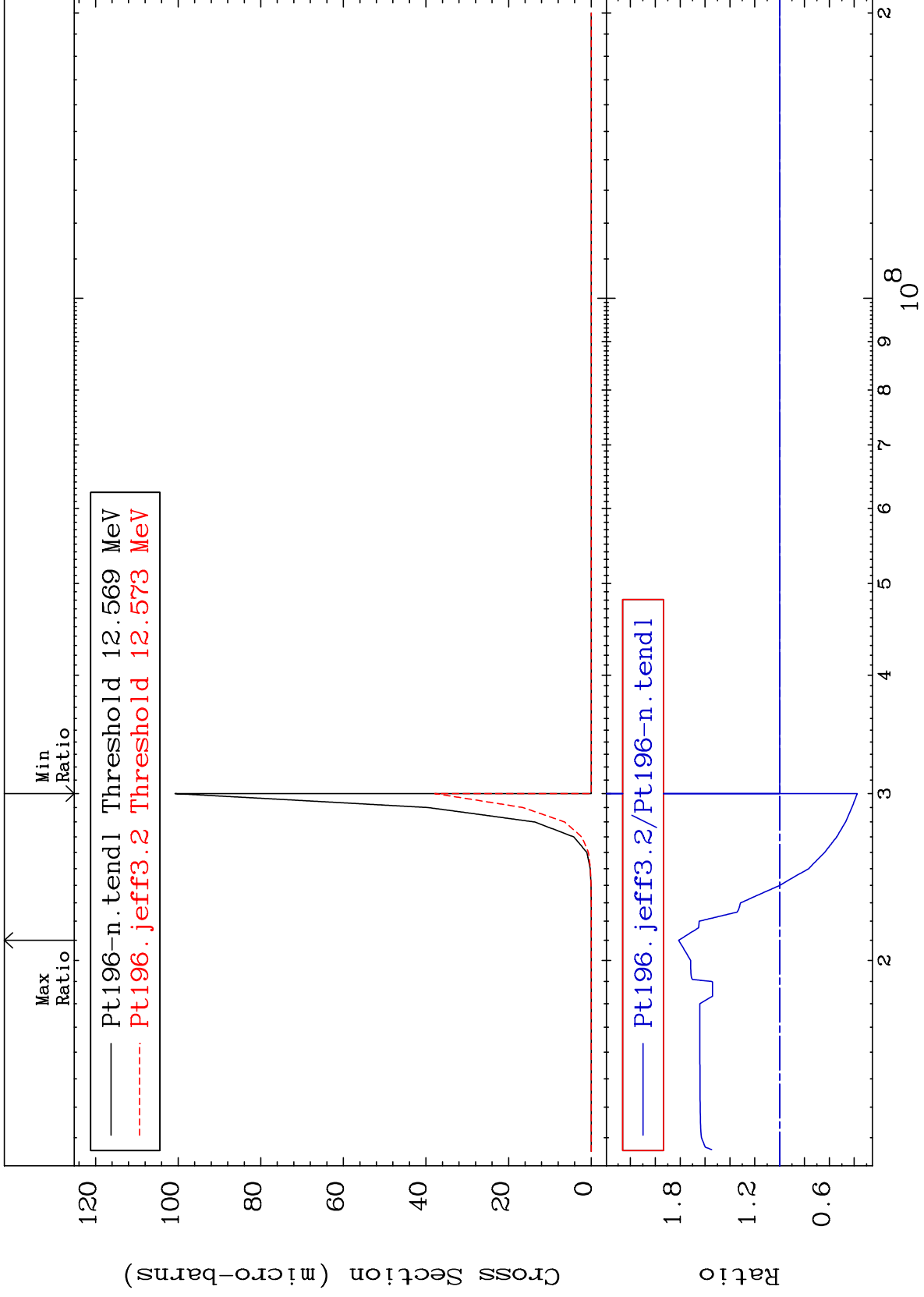
MAT 7843

(n,3n)  $\alpha$ : 76-Os-190g

78-Pt-196

Radionuclide Production Cross Section

-62.45 To 81.22 %



80

Incident Energy (eV)

78-Pt-196

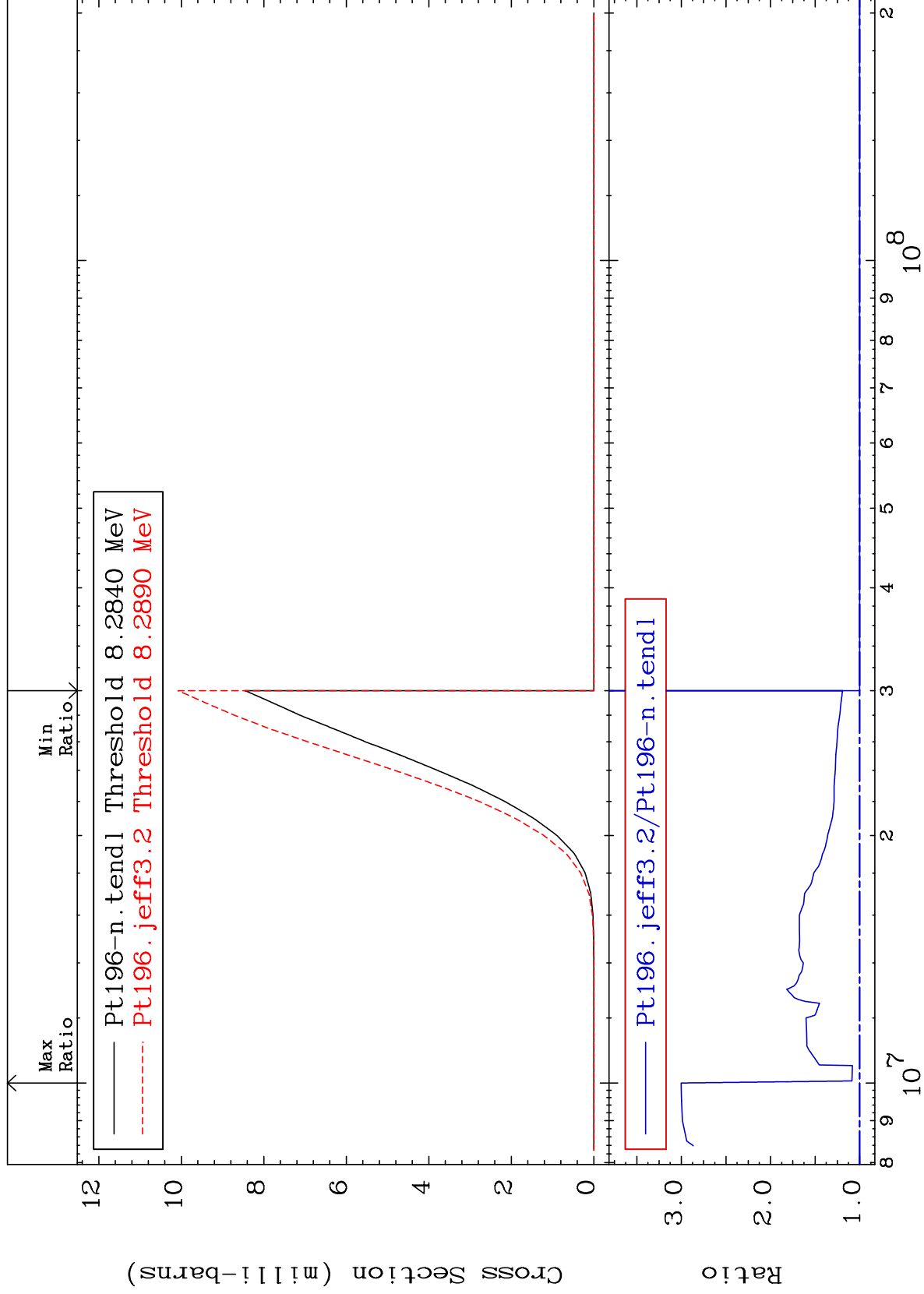


MAT 7843

(n, n') p: 77-Ir-195g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 200.2 %



81

Incident Energy (eV)

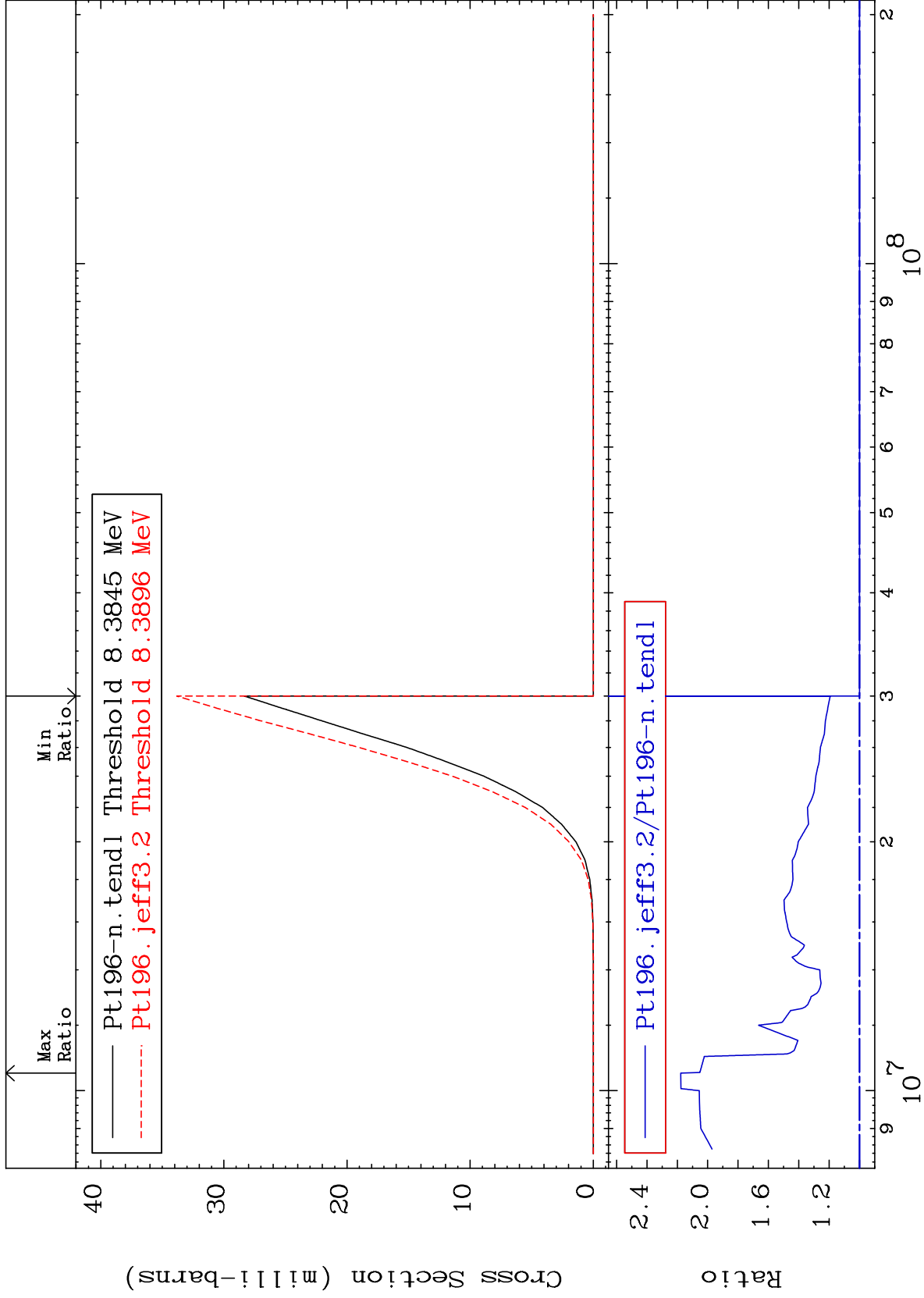
78-Pt-196

MAT 7843

(n, n') p: 77-Ir-195m2

78-Pt-196

Radionuclide Production Cross Section 0.000 To 117.7 %



82

Incident Energy (eV)

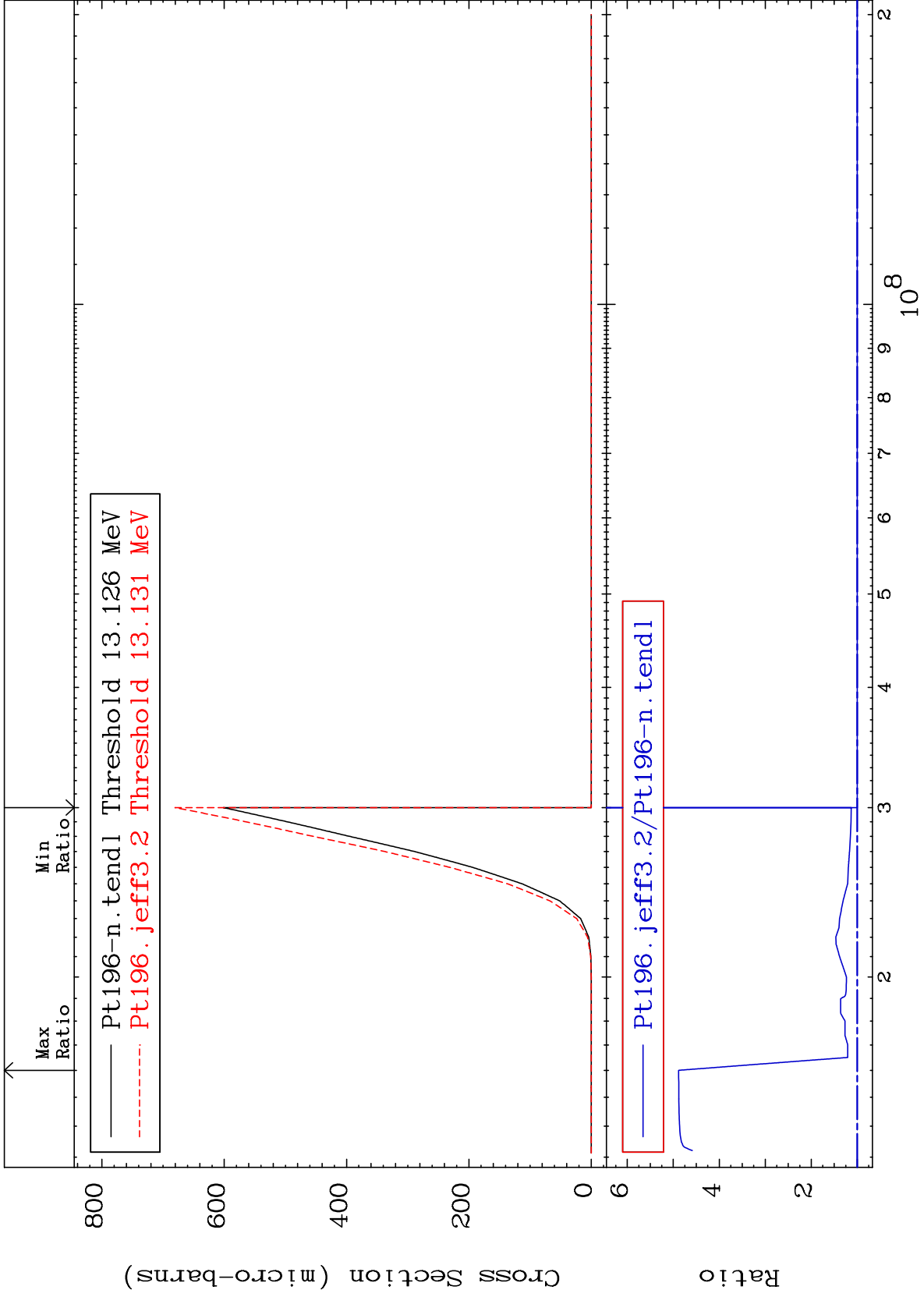
78-Pt-196

MAT 7843

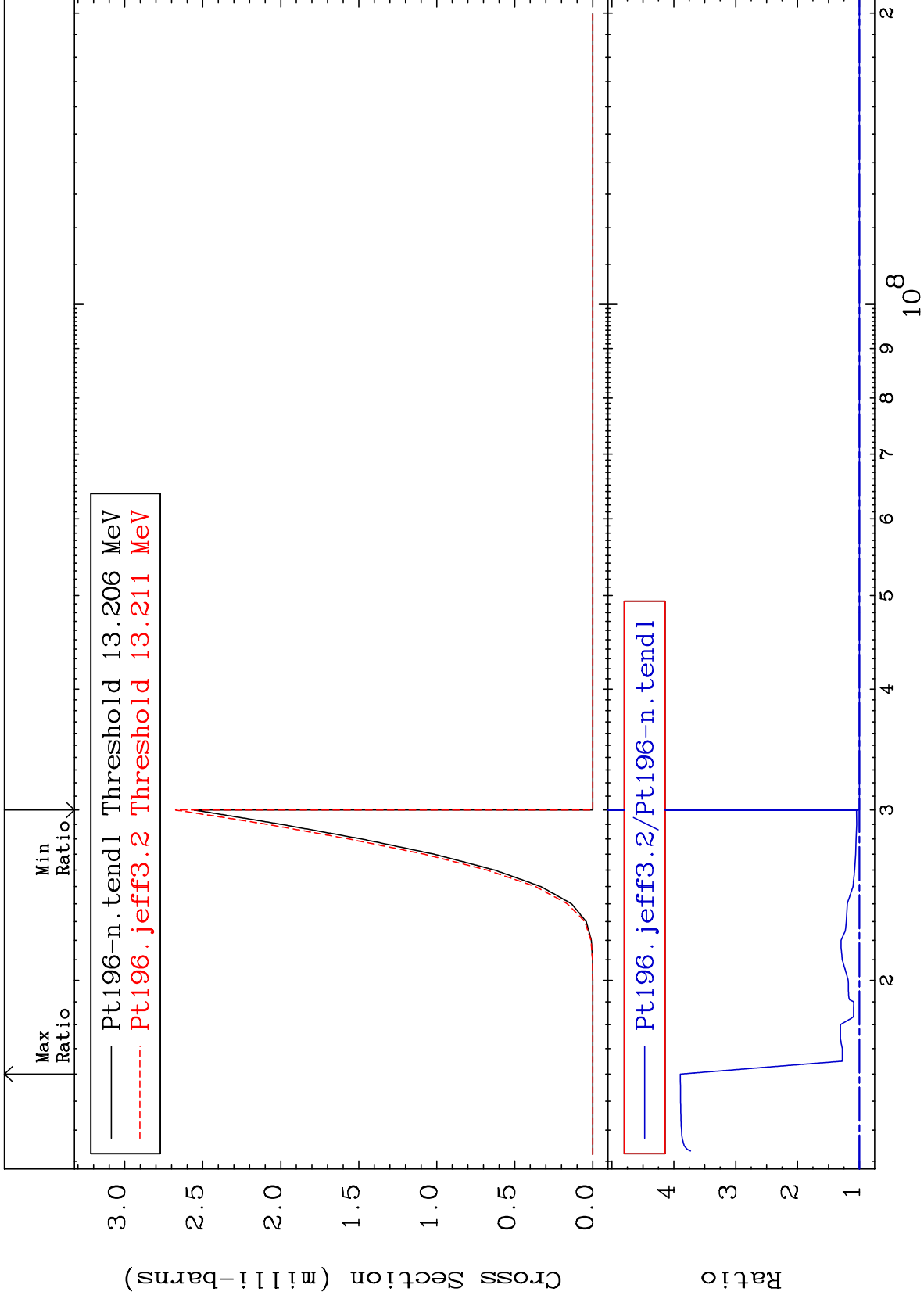
(n, n') t: 77-Ir-193g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 388.3 %



Radionuclide Production Cross Section 0.000 To 289.4 %

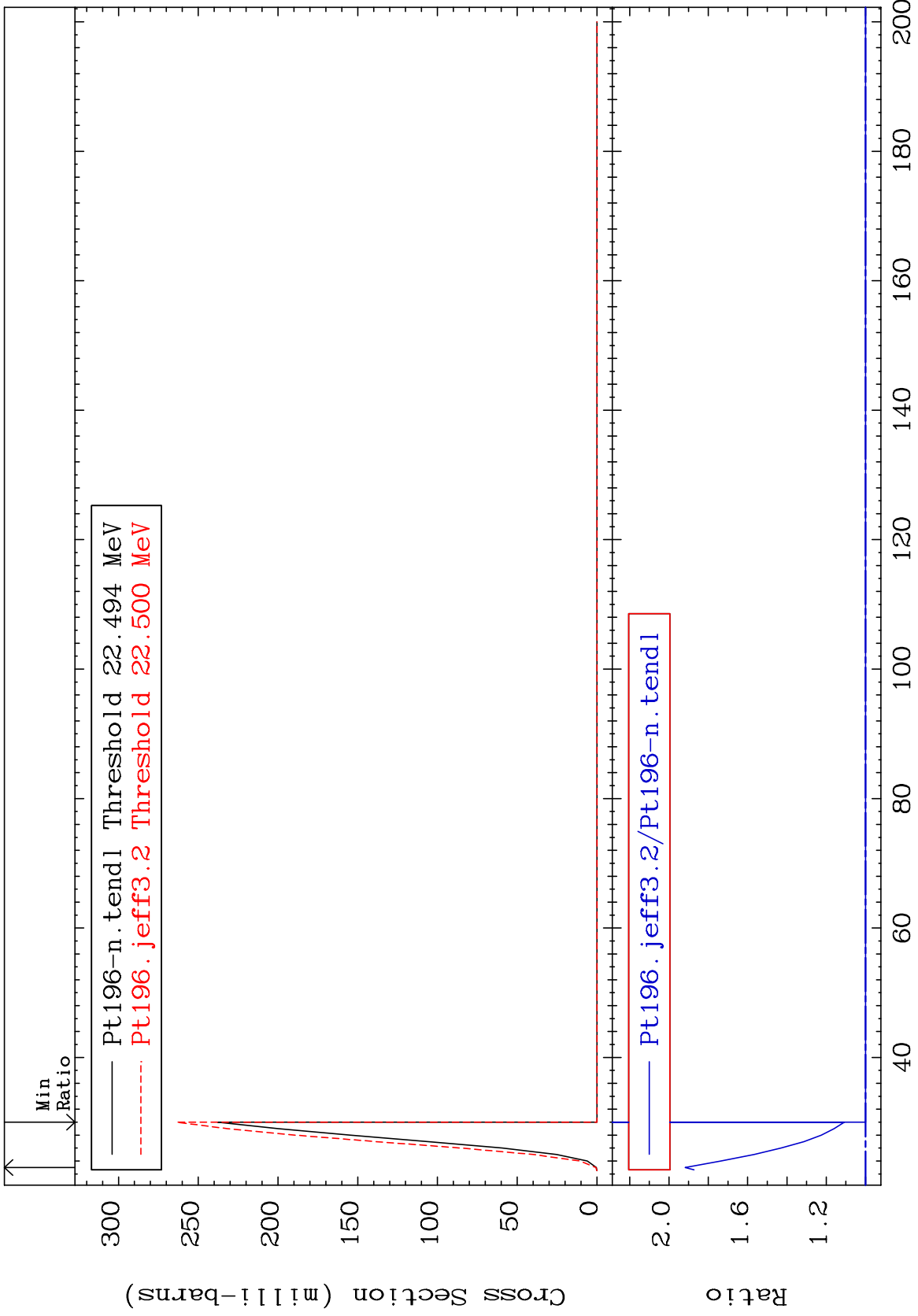


MAT 7843

(n, 4n):78-Pt-193g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 91.74 %

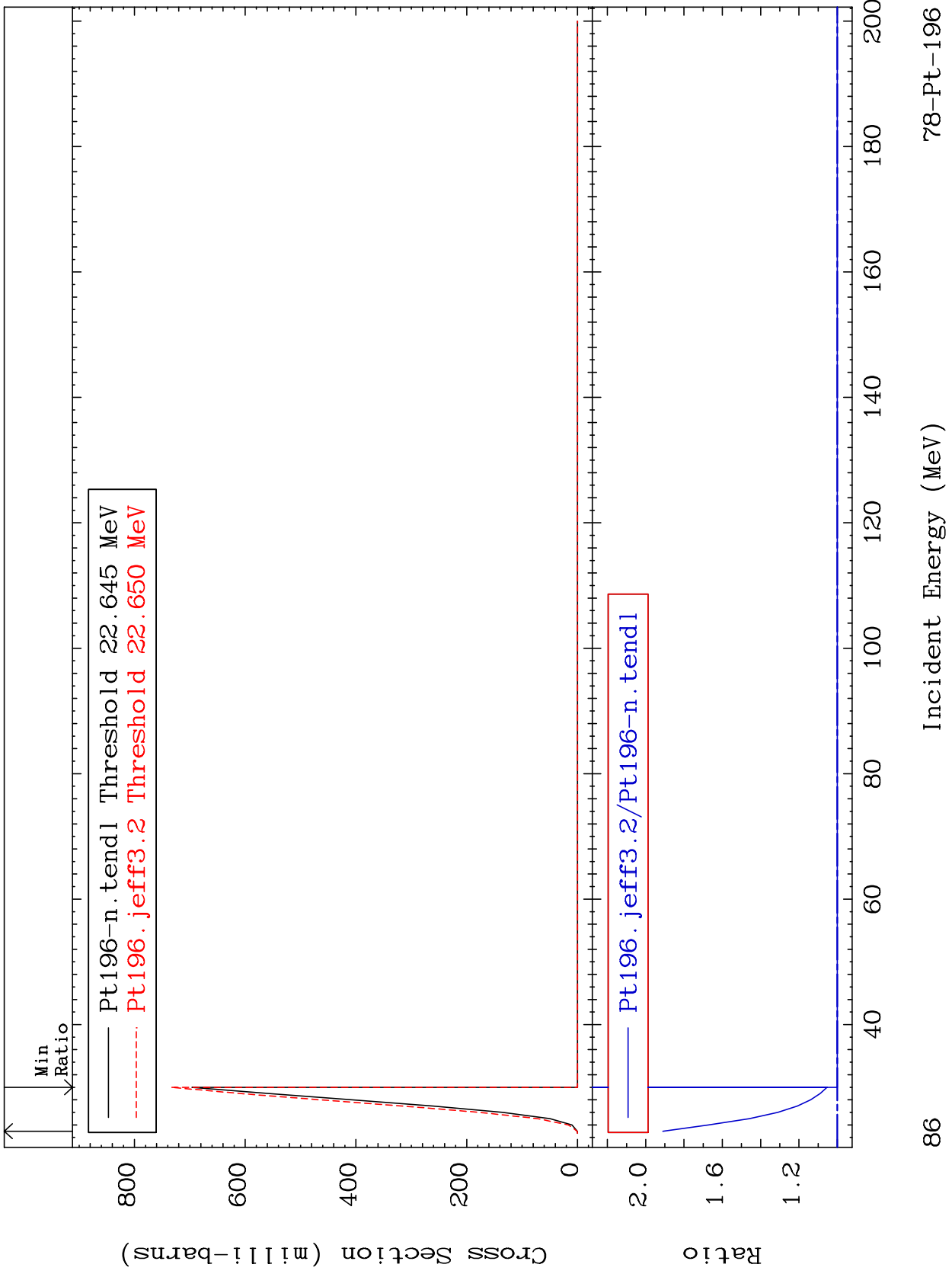


MAT 7843

(n, 4n):78-Pt-193m5

78-Pt-196

Radionuclide Production Cross Section 0.000 To 91.05 %

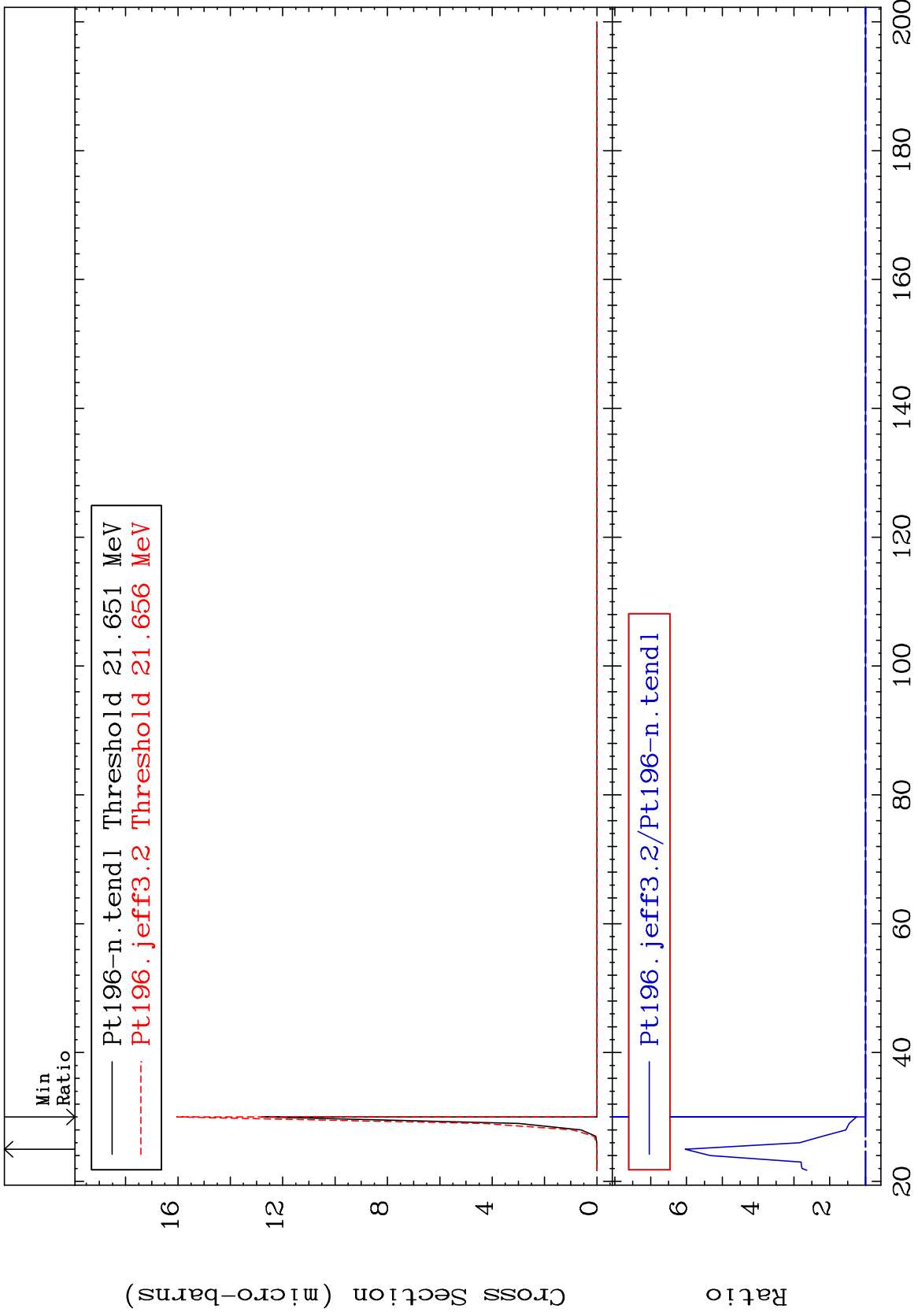


MAT 7843

(n,3n) p: 77-Ir-193g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 503.5 %



87

Incident Energy (MeV)

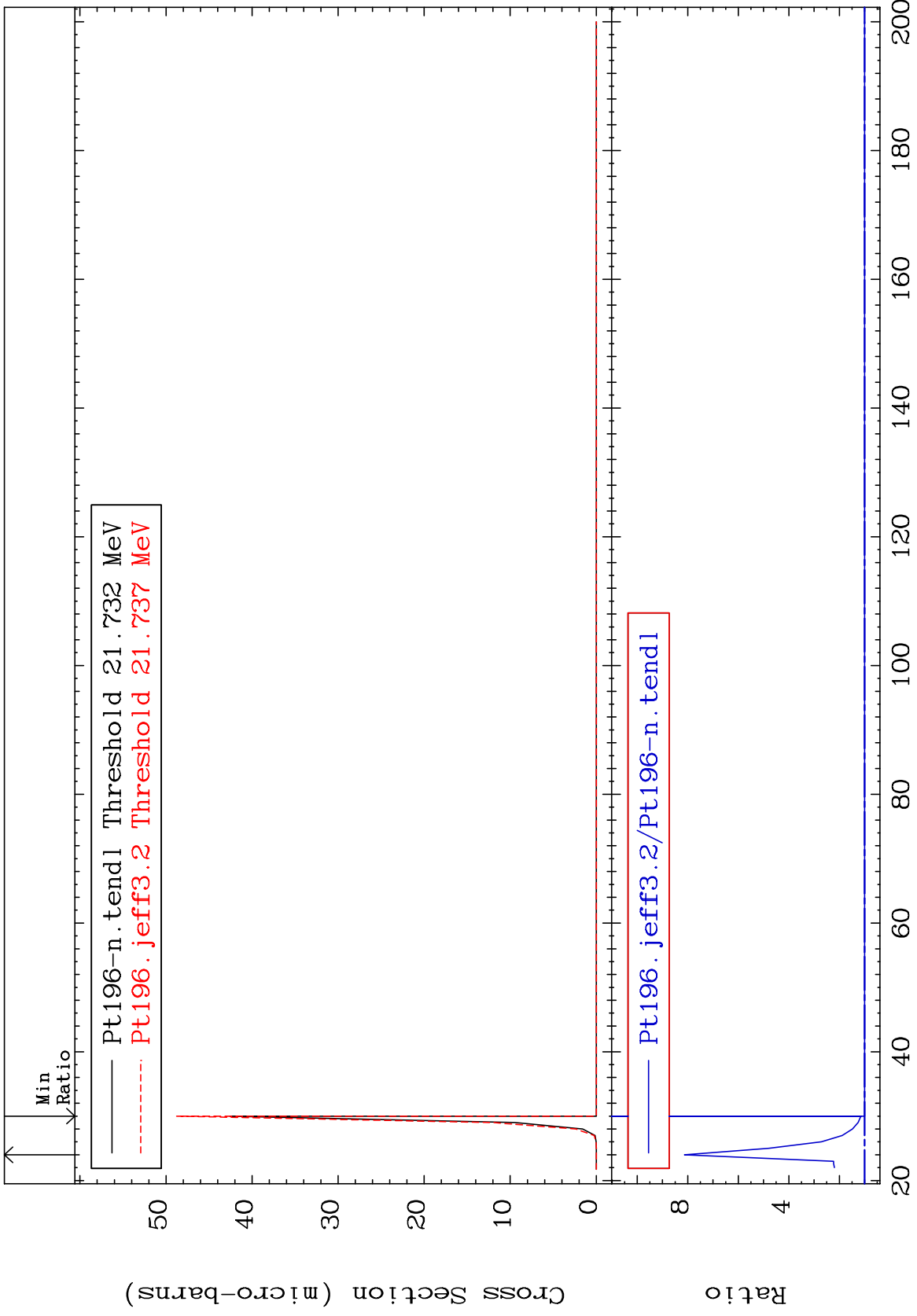
78-Pt-196

MAT 7843

(n,3n) p:77-Ir-193m2

78-Pt-196

Radionuclide Production Cross Section 0.000 To 713.0 %



88

Incident Energy (MeV)

78-Pt-196



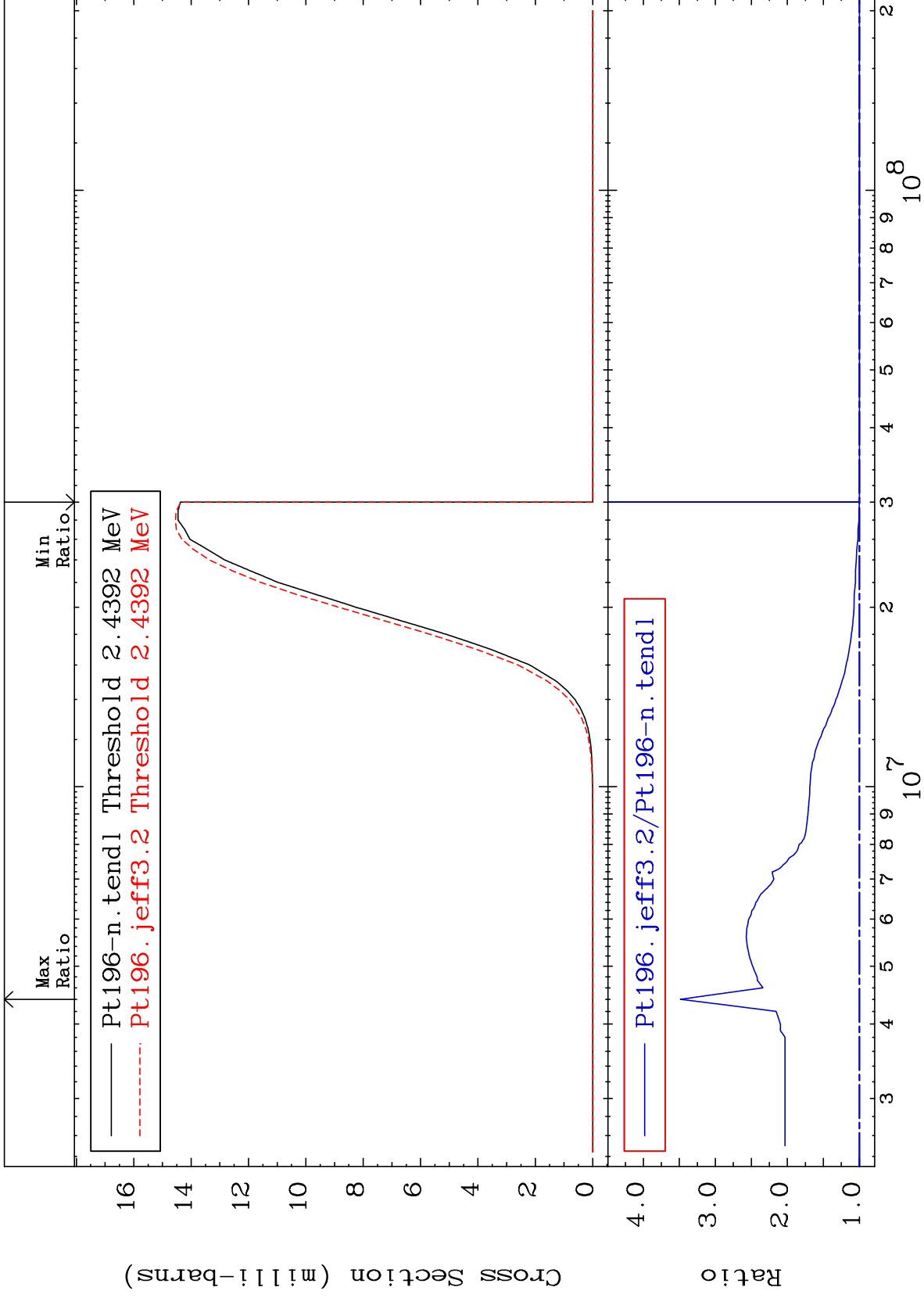
MAT 7843

(n, p) : 77-Ir-196g

78-Pt-196

Radionuclide Production Cross Section

-0.124 To 248.6 %

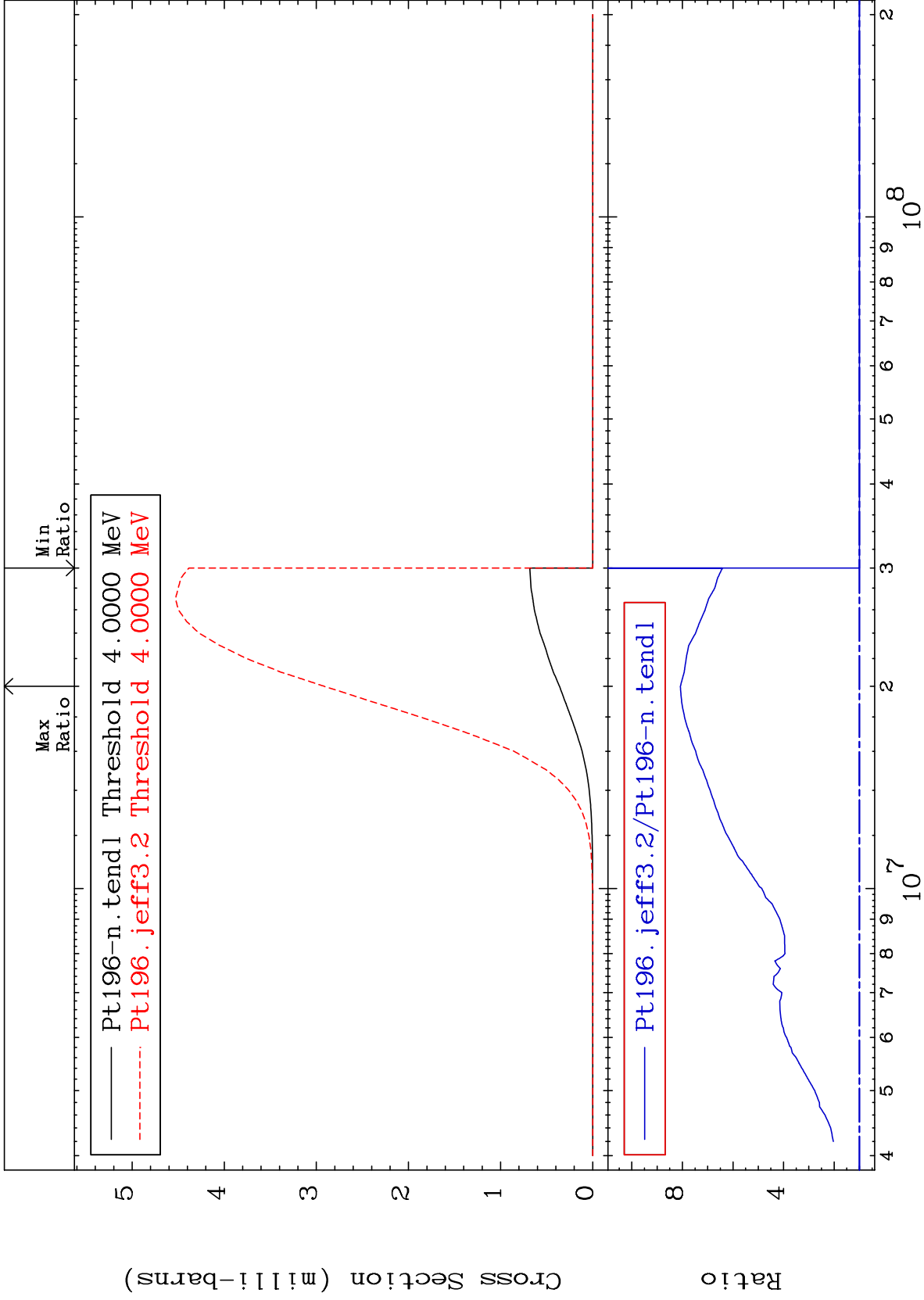


MAT 7843

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

78-Pt-196

Radionuclide Production Cross Section 0.000 To 708.0 %



90

Incident Energy (eV)

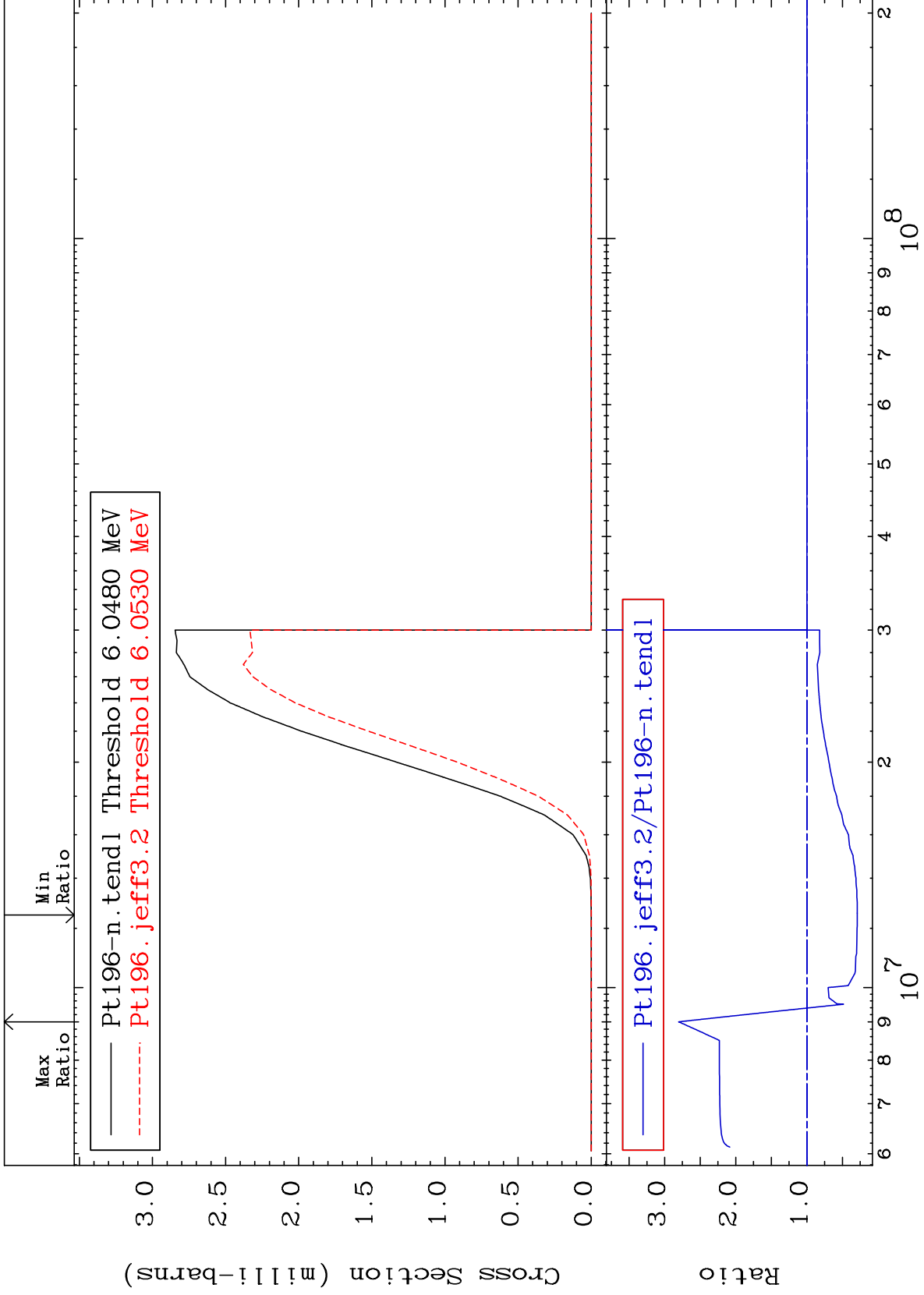
78-Pt-196

MAT 7843

(n,d):77-Ir-195g

78-Pt-196

Radionuclide Production Cross Section -70.86 To 180.3 %

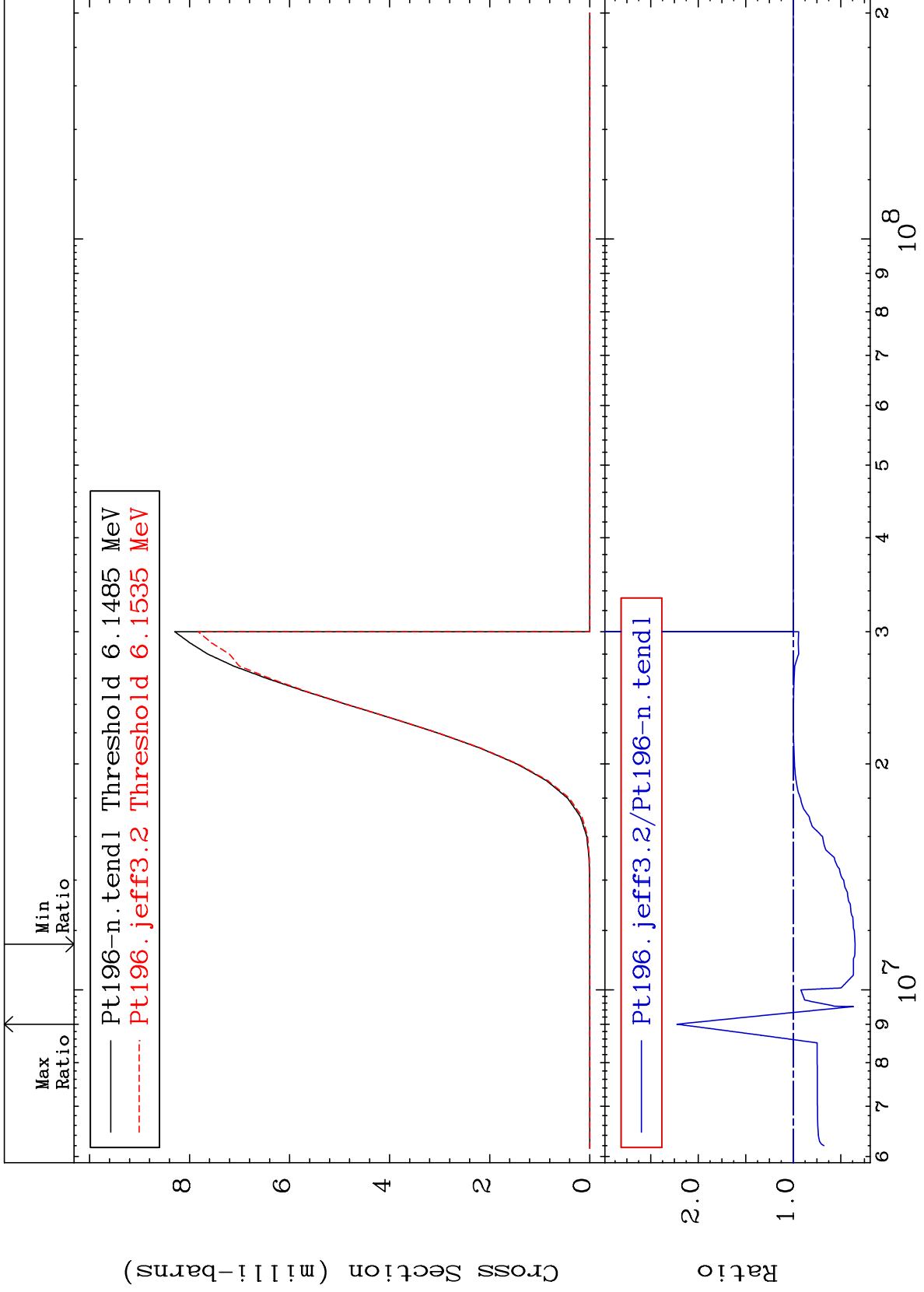


MAT 7843

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

78-Pt-196

Radionuclide Production Cross Section -65.12 To 122.4 %



92

Incident Energy (eV)

78-Pt-196