

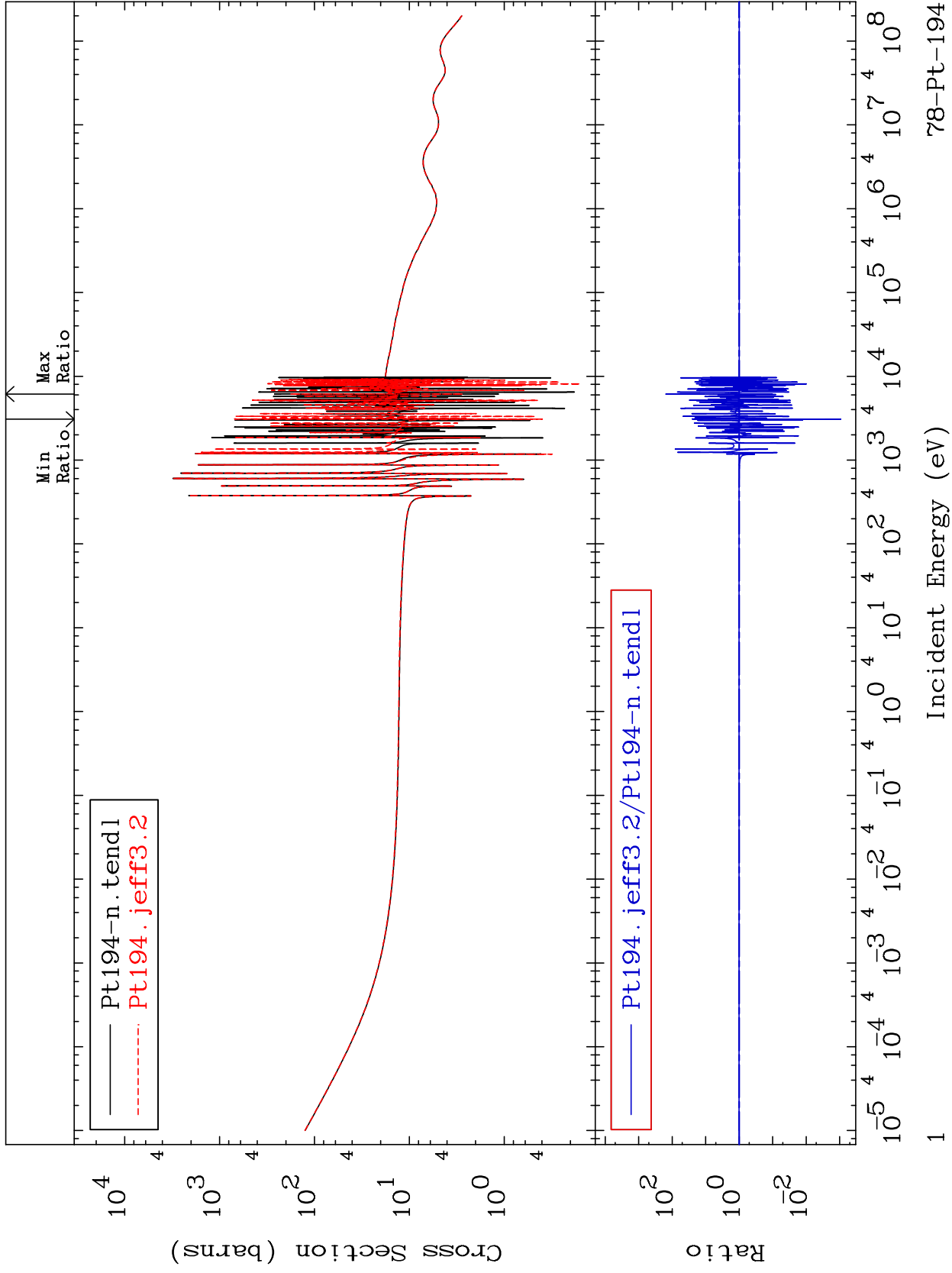
MAT 7837

Total

78-Pt-194

Cross Section

-99.91 To 9999. %



Incident Energy (eV)

78-Pt-194

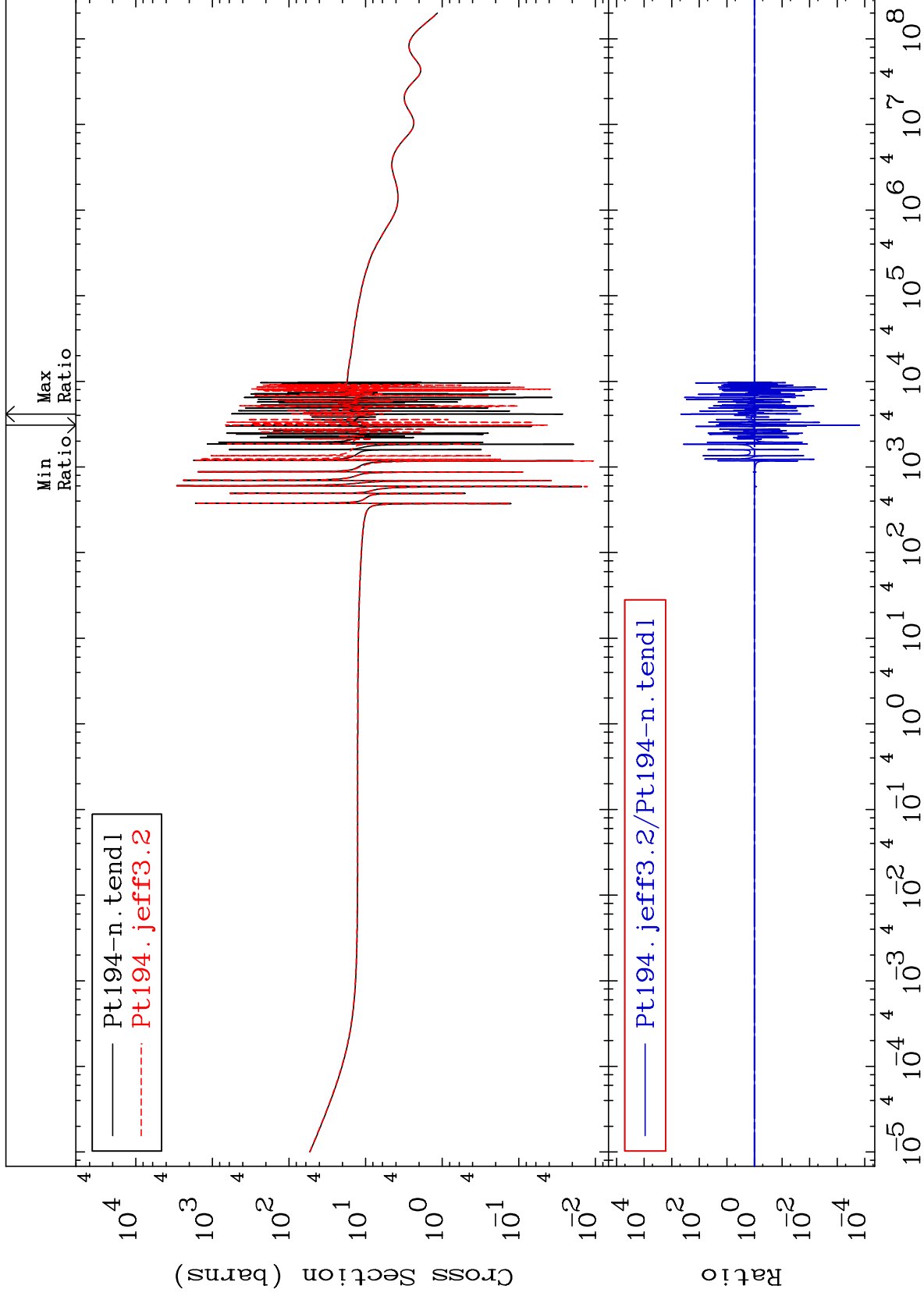
MAT 7837

Elastic

78-Pt-194

Cross Section

-99.98 To 9999. %



Incident Energy (eV)

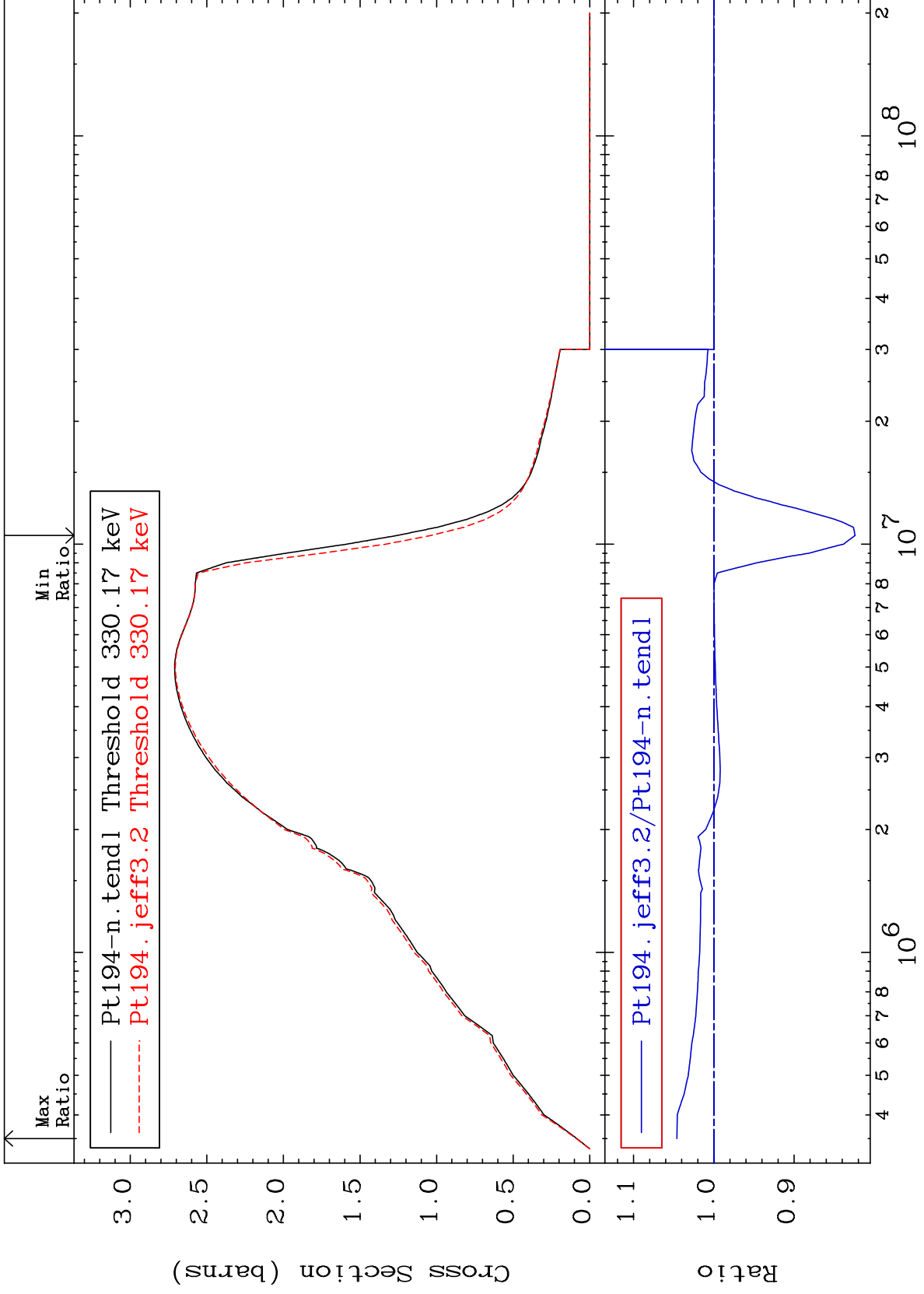
78-Pt-194

2

MAT 7837

Inelastic
Cross Section

78-Pt-194
-17.60 To 4.598 %



3

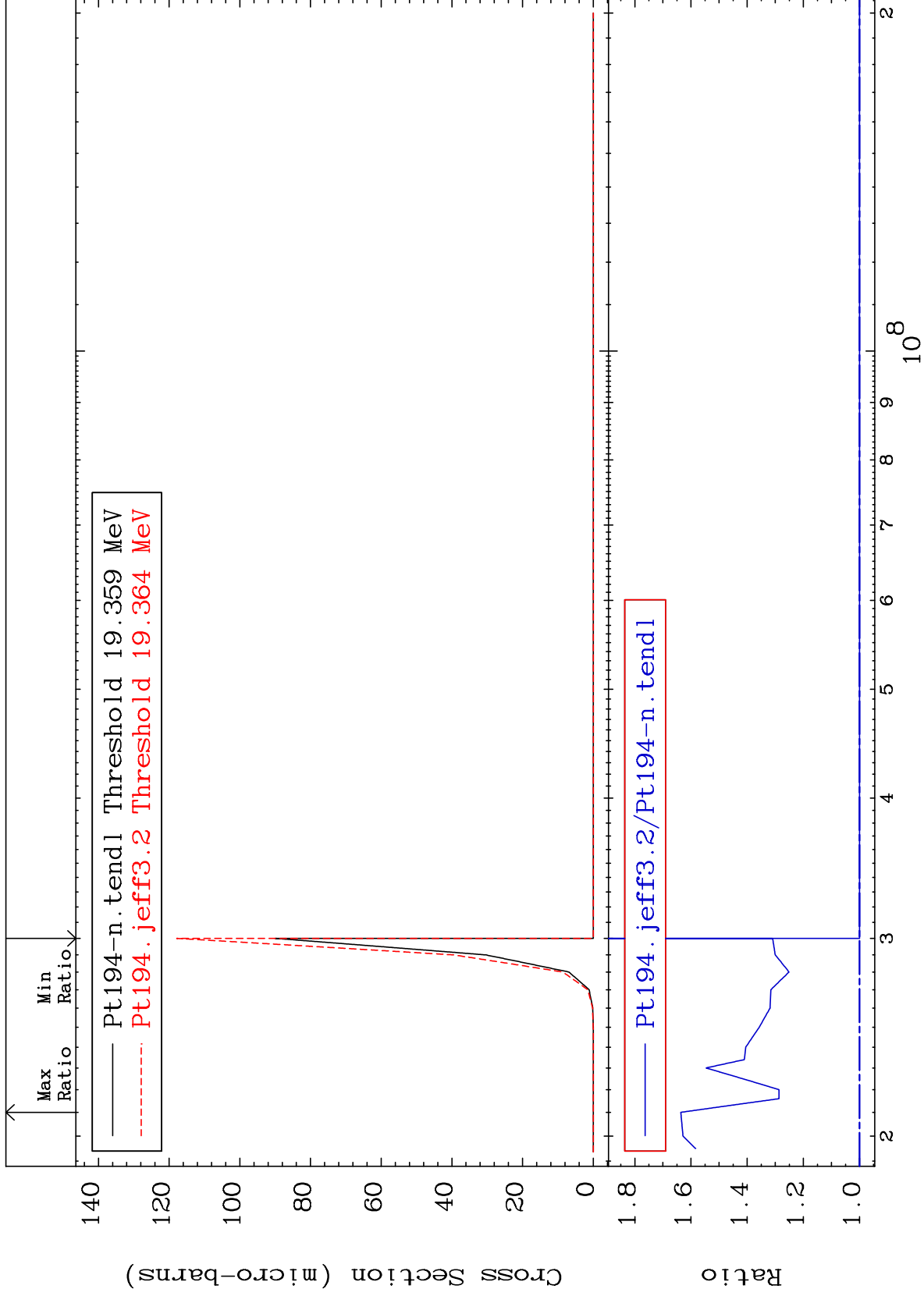
Incident Energy (eV)

78-Pt-194

MAT 7837

(n,2n) d
Cross Section

78-Pt-194
0.000 To 63.64 %



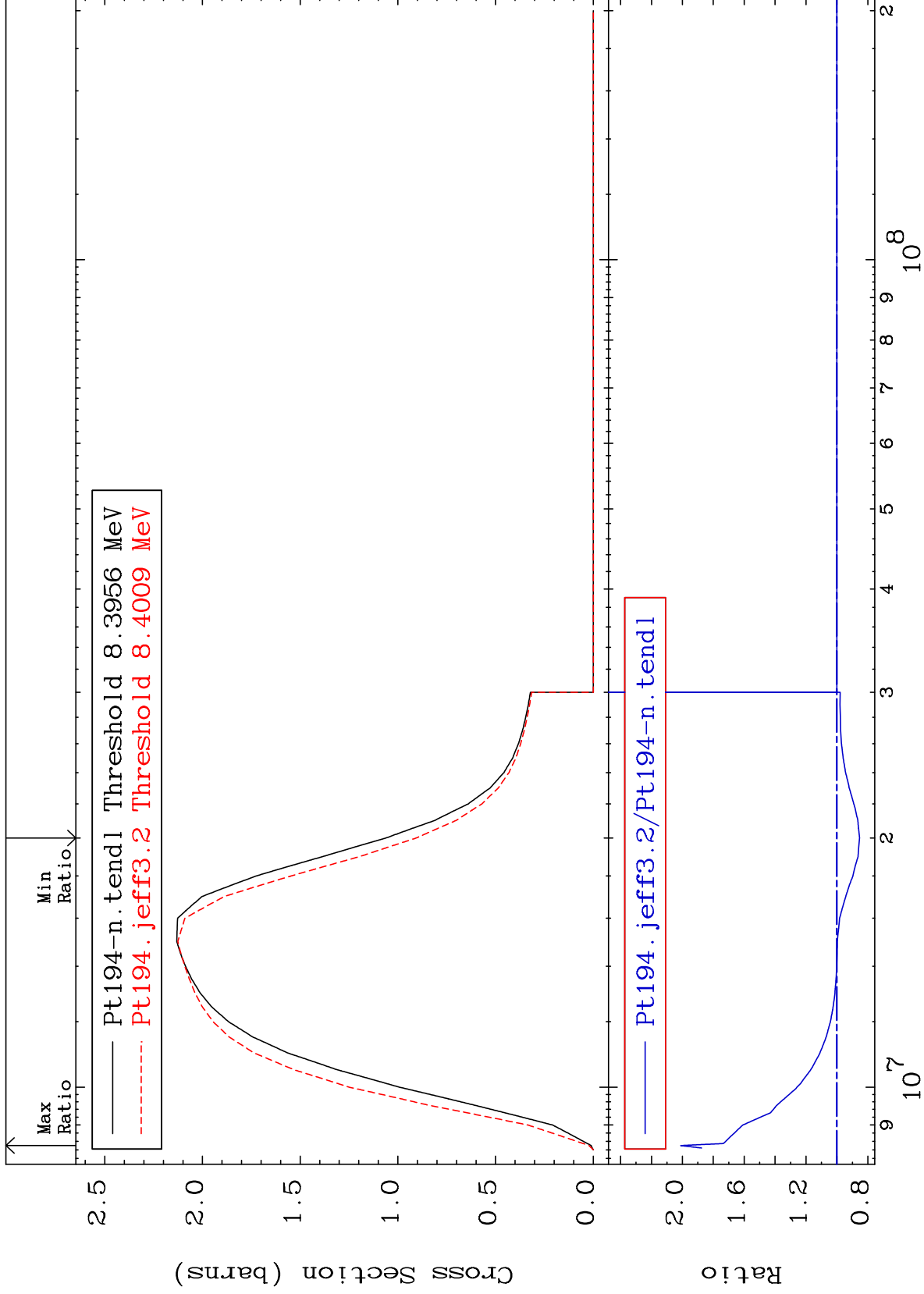
MAT 7837

(n,2n)

78-Pt-194

Cross Section

-14.64 To 101.0 %



5

Incident Energy (eV)

78-Pt-194

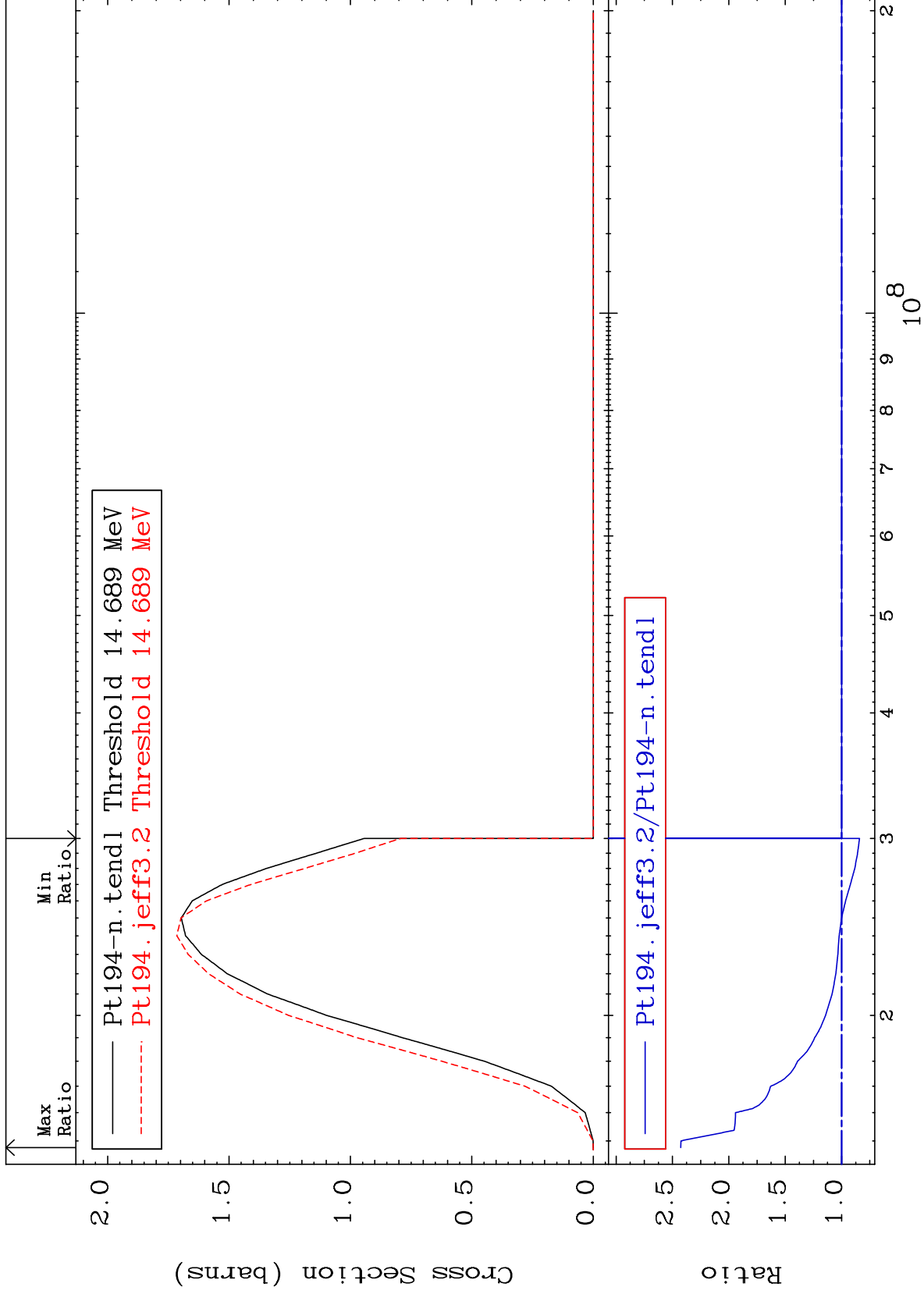
MAT 7837

(n,3n)

78-Pt-194

Cross Section

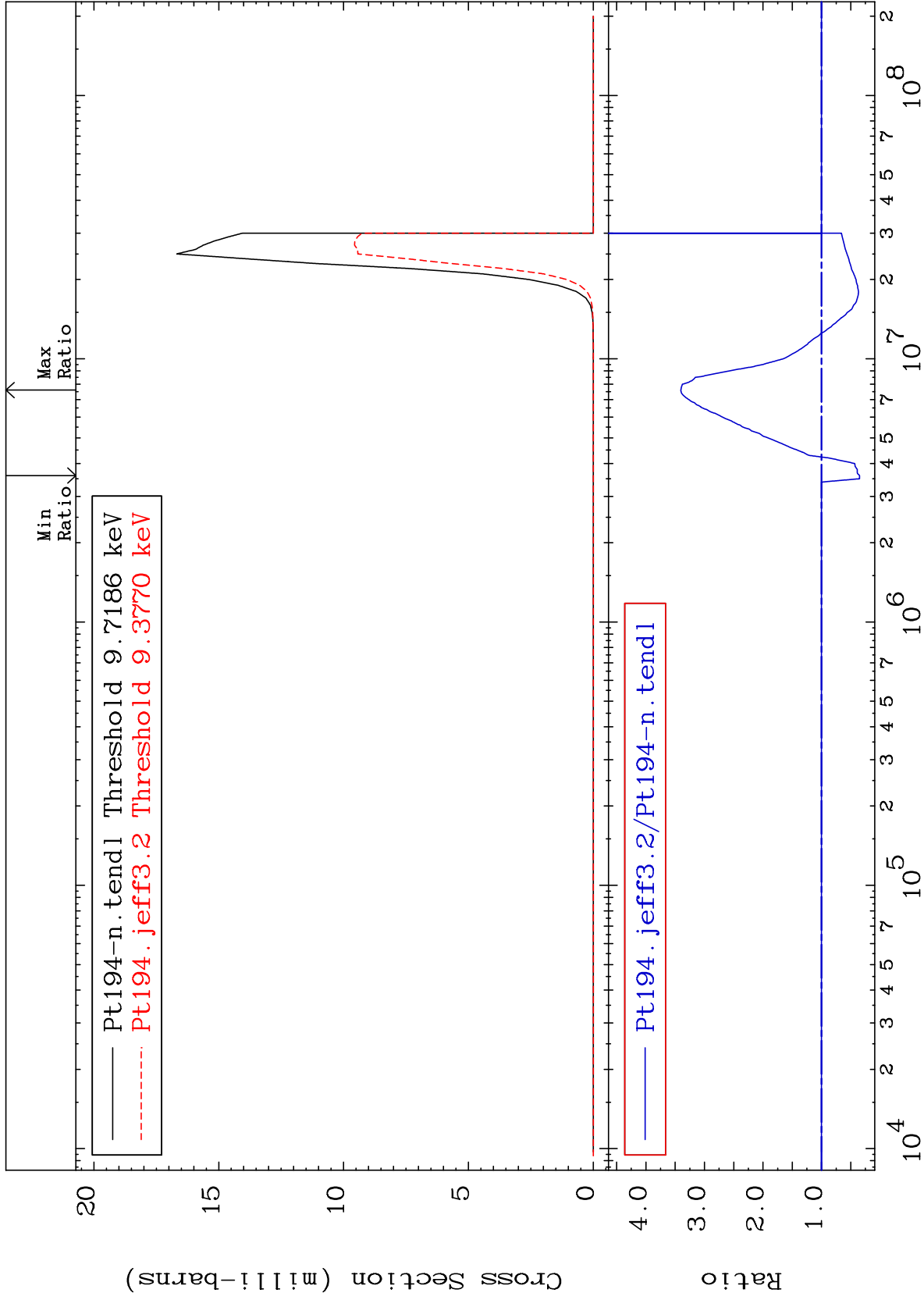
-15.89 To 142.7 %



MAT 7837

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

78-Pt-194
-64.91 To 240.5 %



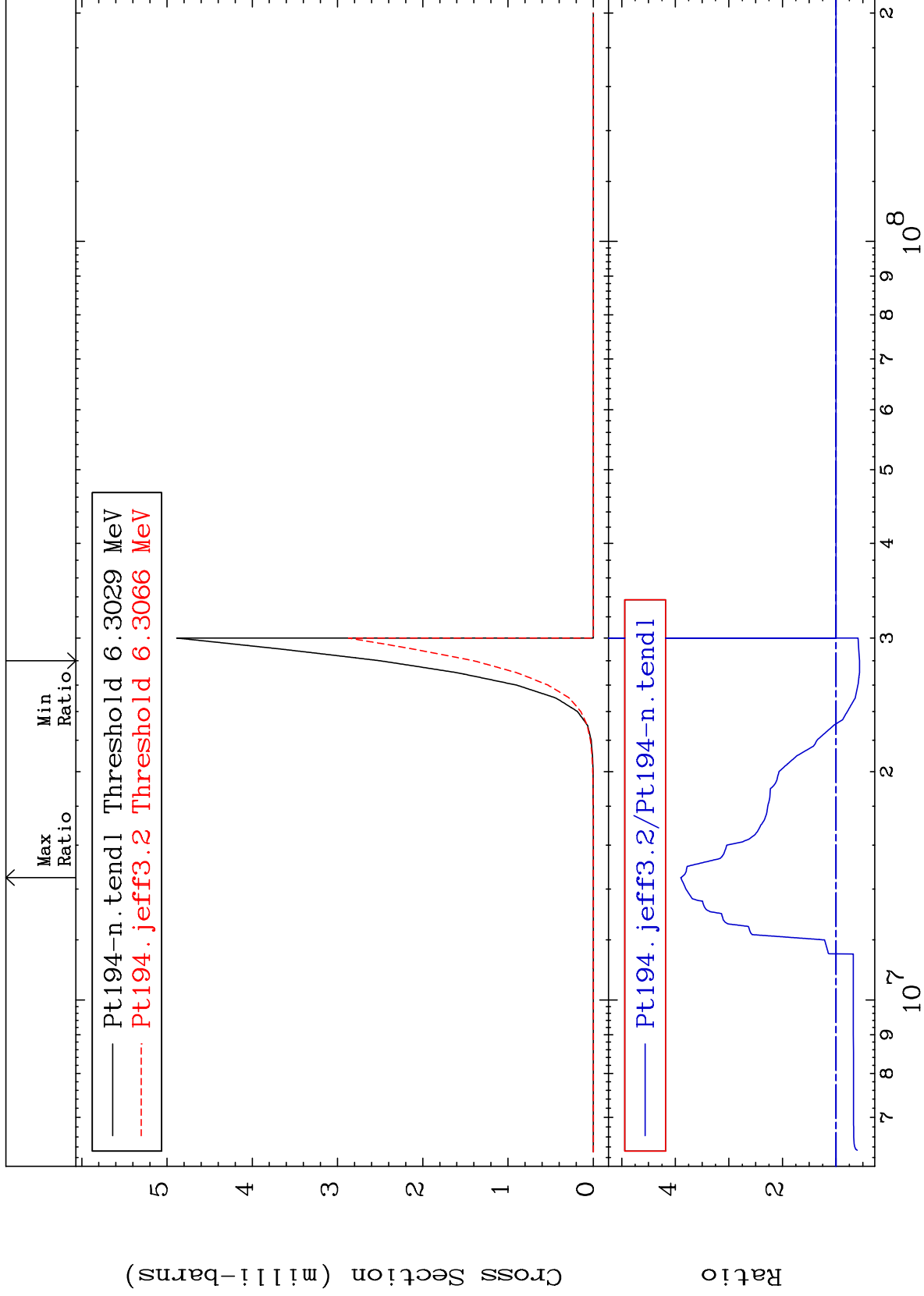
Incident Energy (eV)

78-Pt-194

MAT 7837

(n,2n) α
Cross Section

78-Pt-194
-43.97 To 289.8 %



8

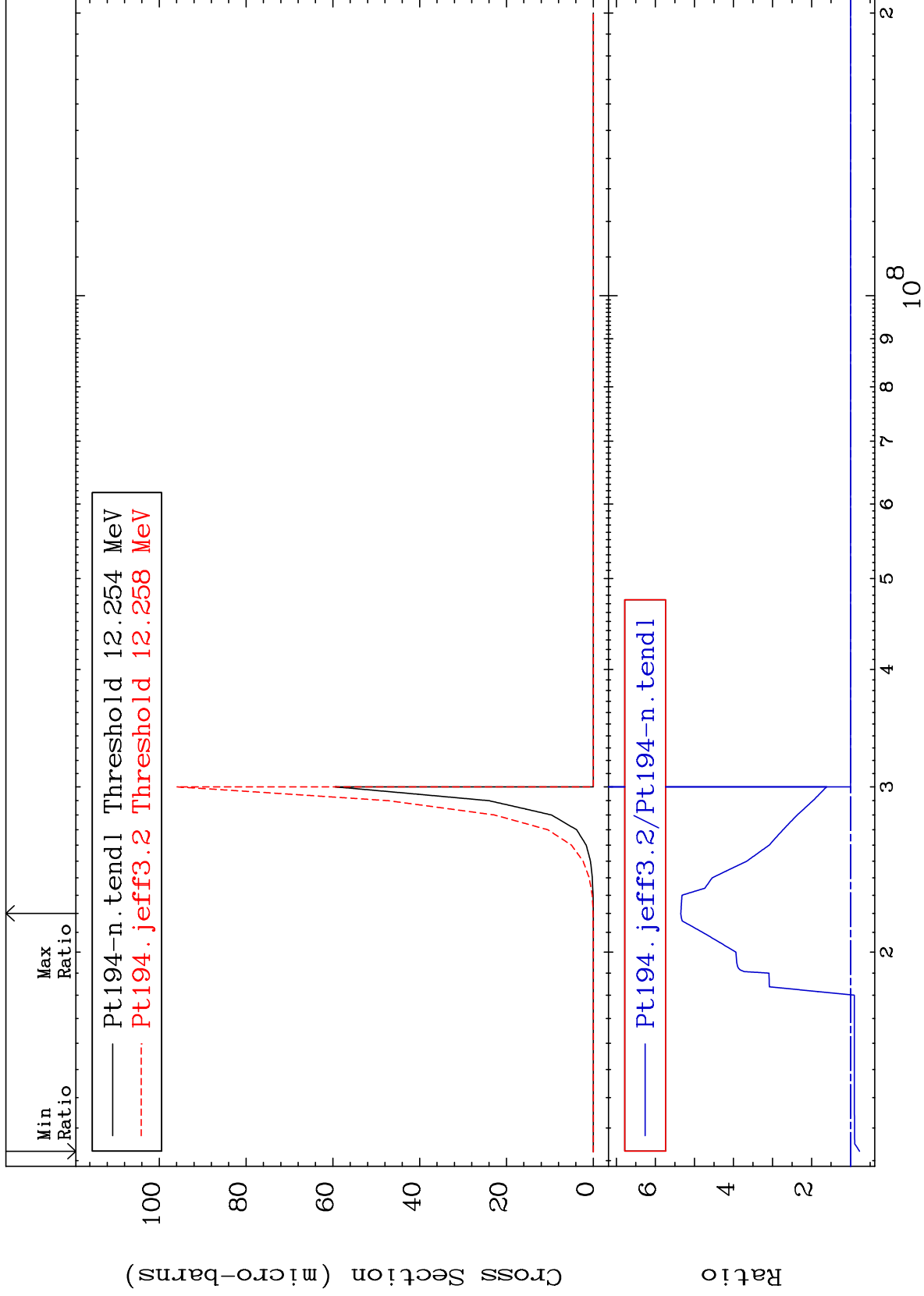
Incident Energy (eV)

78-Pt-194

MAT 7837

(n,3n) α
Cross Section

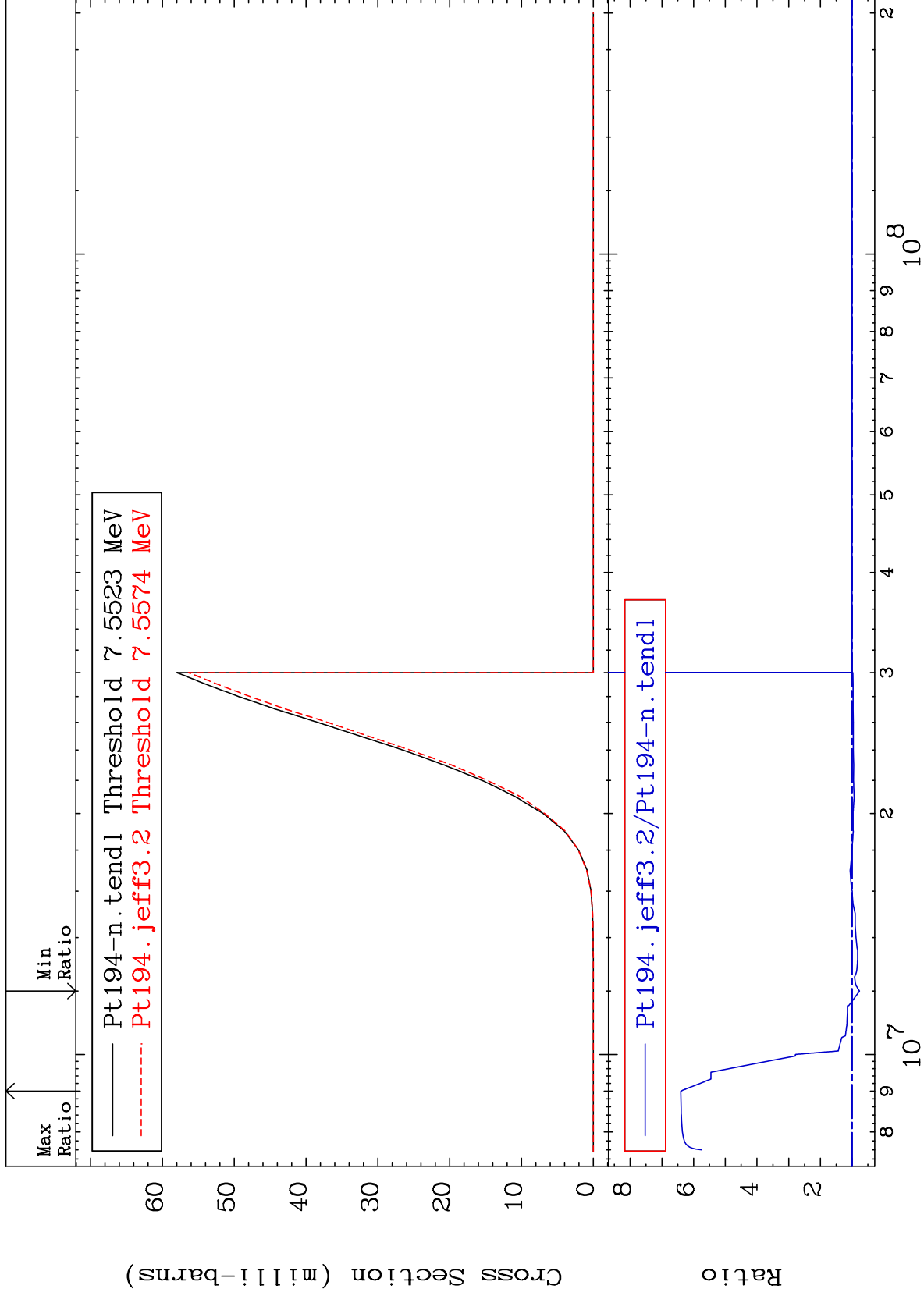
78-Pt-194
-22.90 To 435.0 %



MAT 7837

(n,n') p
Cross Section

78-Pt-194
-23.51 To 540.5 %



10

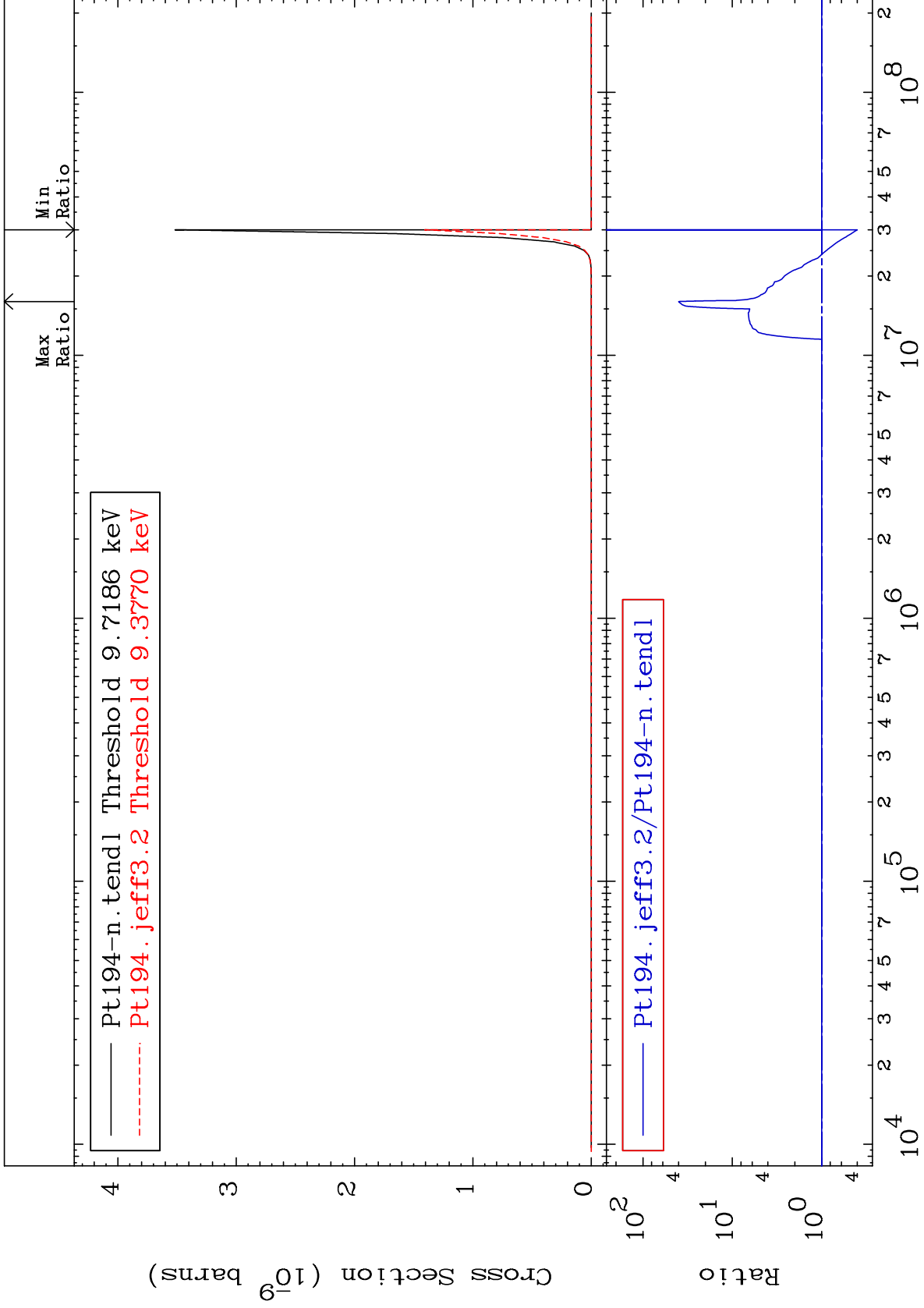
Incident Energy (eV)

78-Pt-194

MAT 7837

(n, n') 2α
Cross Section

78-Pt-194
-60.05 To 3887. %



11

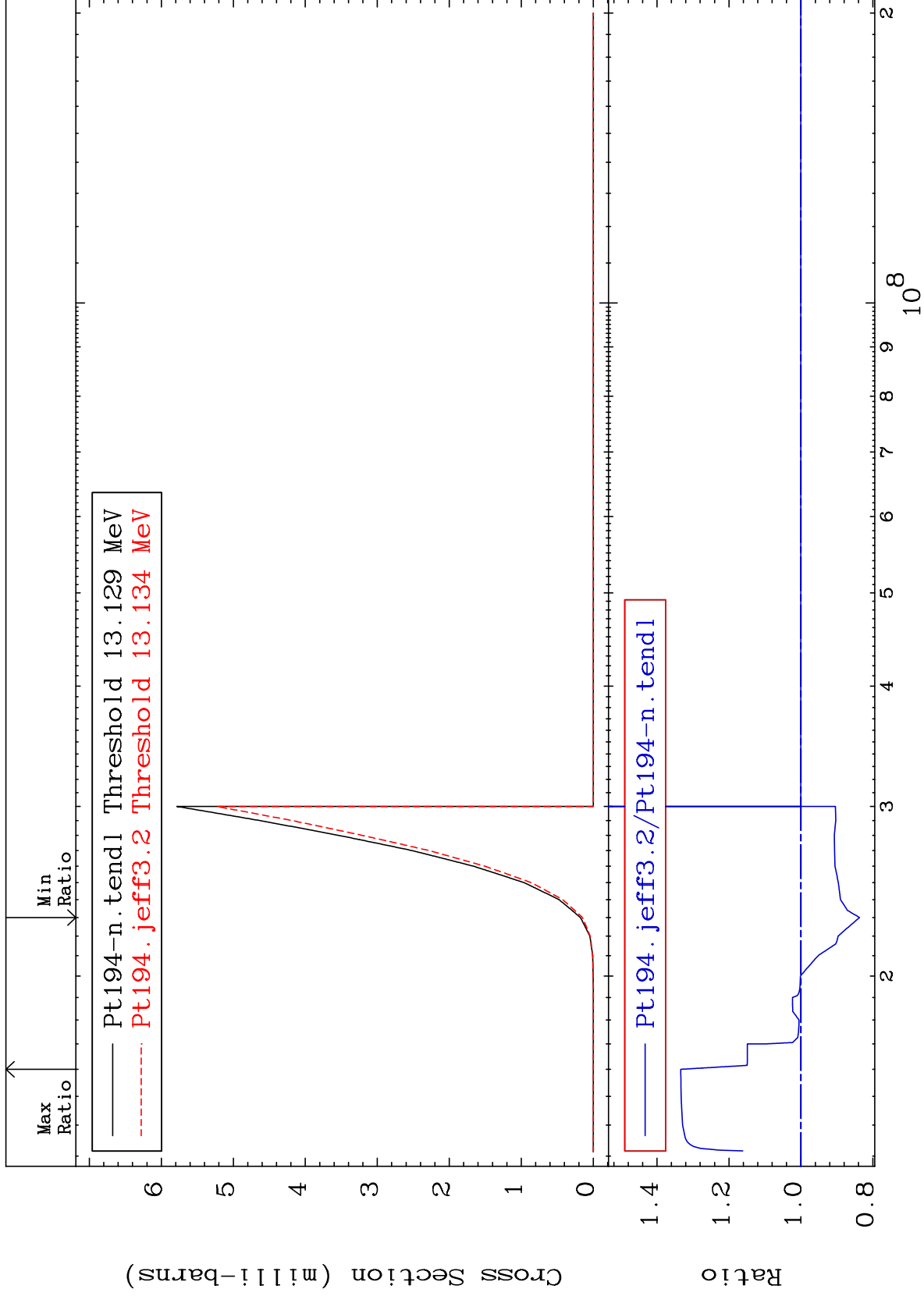
Incident Energy (eV)

78-Pt-194

MAT 7837

(n,n') d
Cross Section

78-Pt-194
-16.29 To 33.39 %



MAT 7837

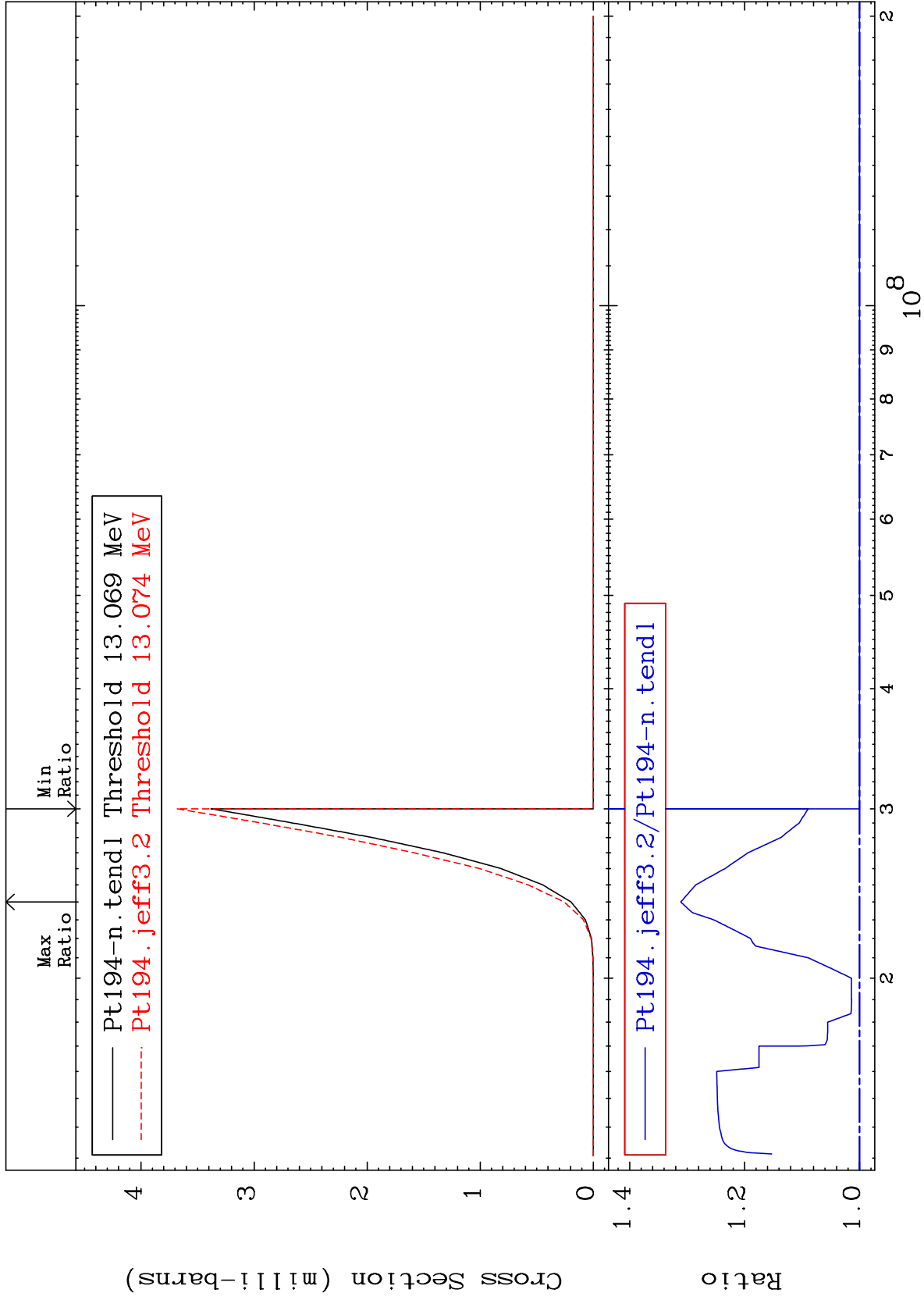
(n,n') t

78-Pt-194

Cross Section

0.000

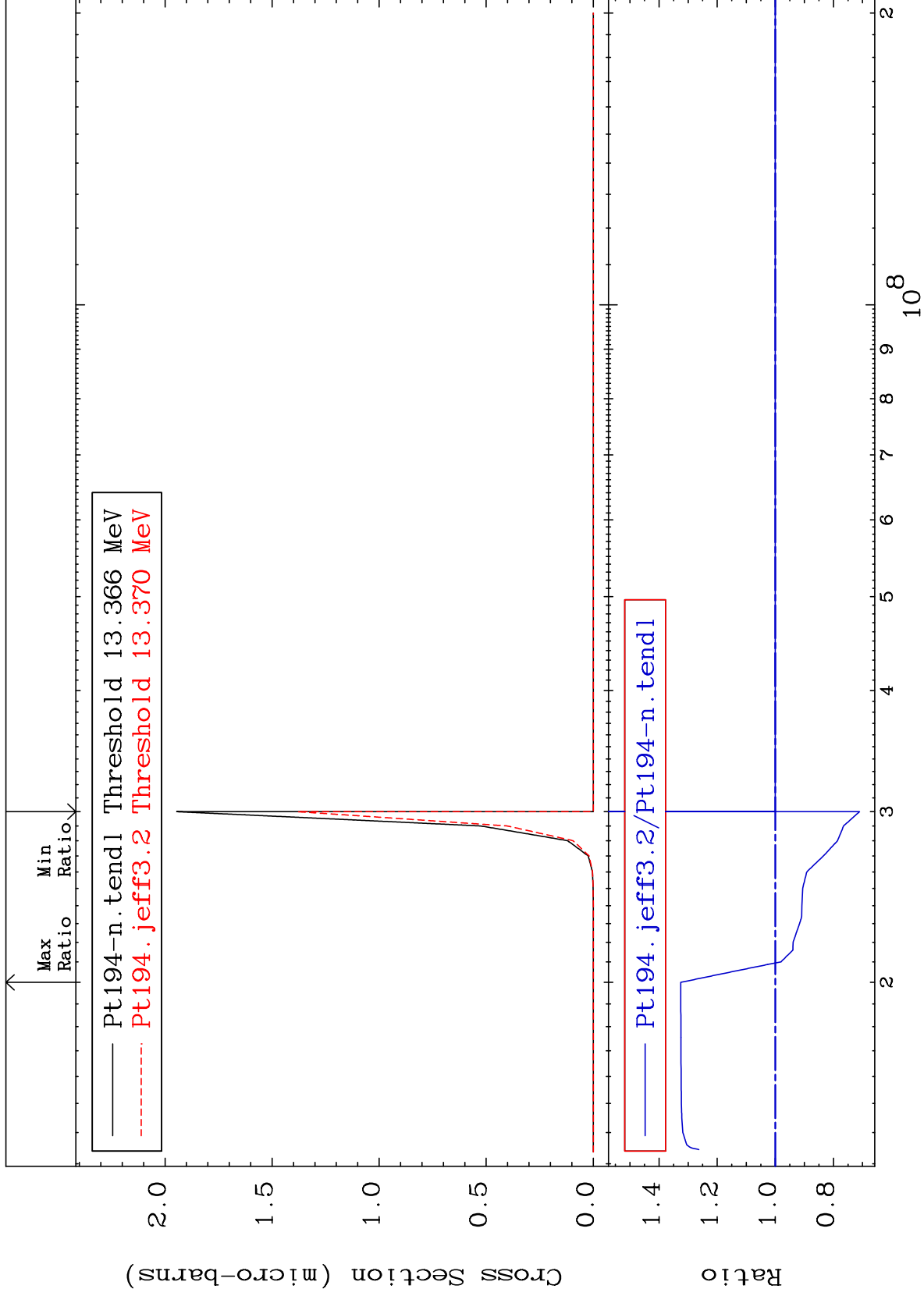
To 31.11 %



MAT 7837

(n, n') He-3
Cross Section

78-Pt-194
-28.97 To 32.53 %



MAT 7837

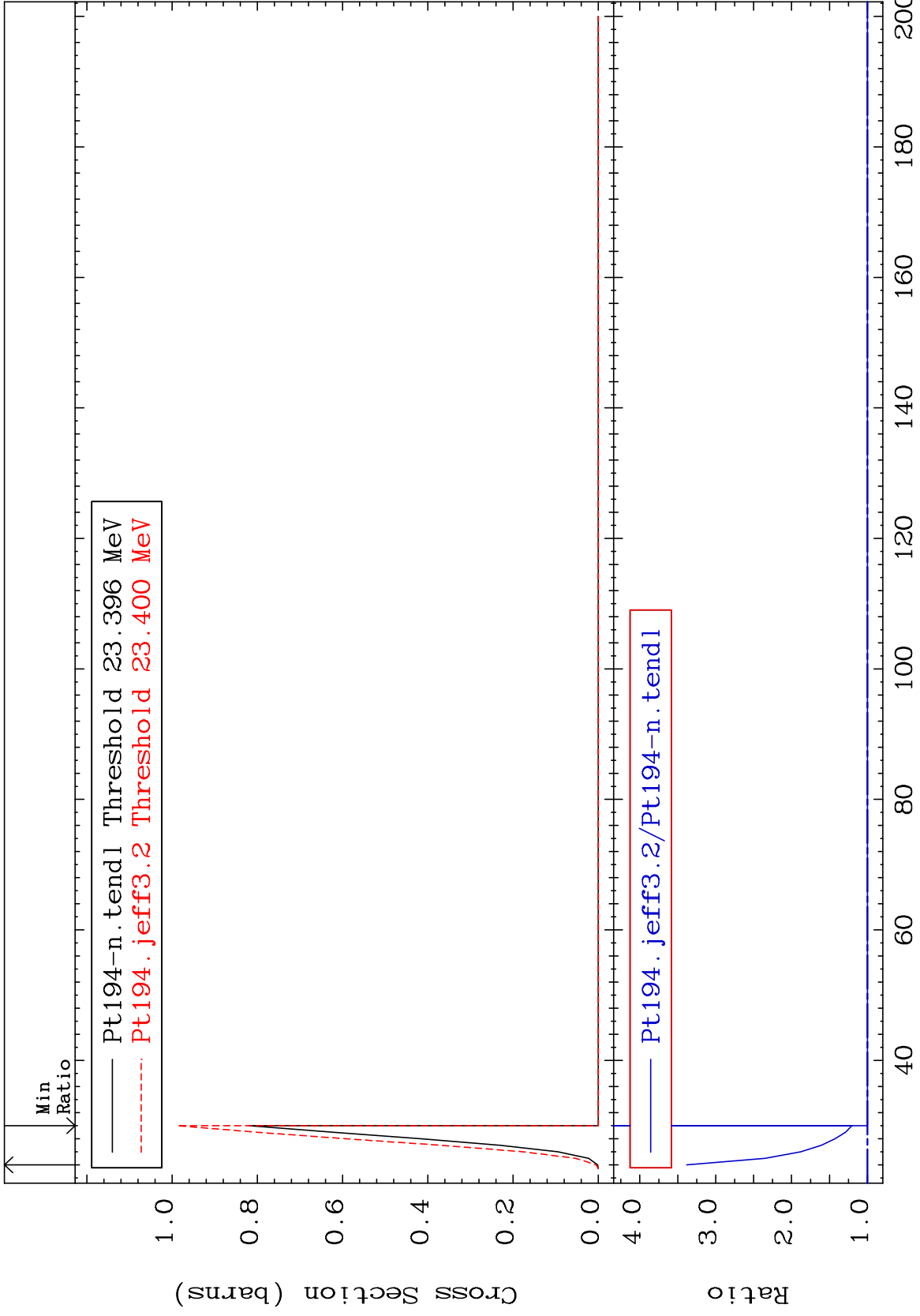
(n,4n)

78-Pt-194

Cross Section

0.000

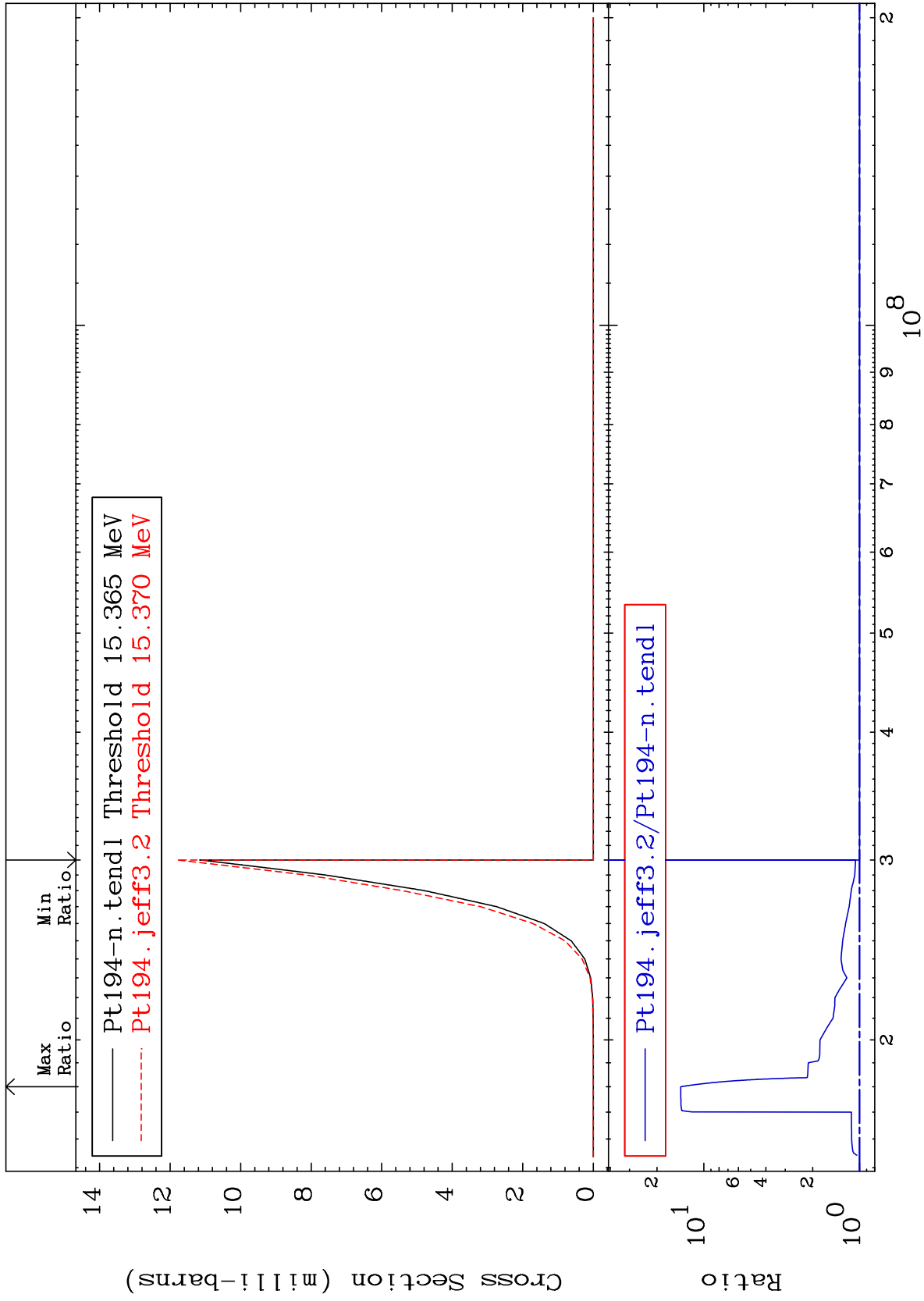
To 238.2 %



MAT 7837

(n,2n) p
Cross Section

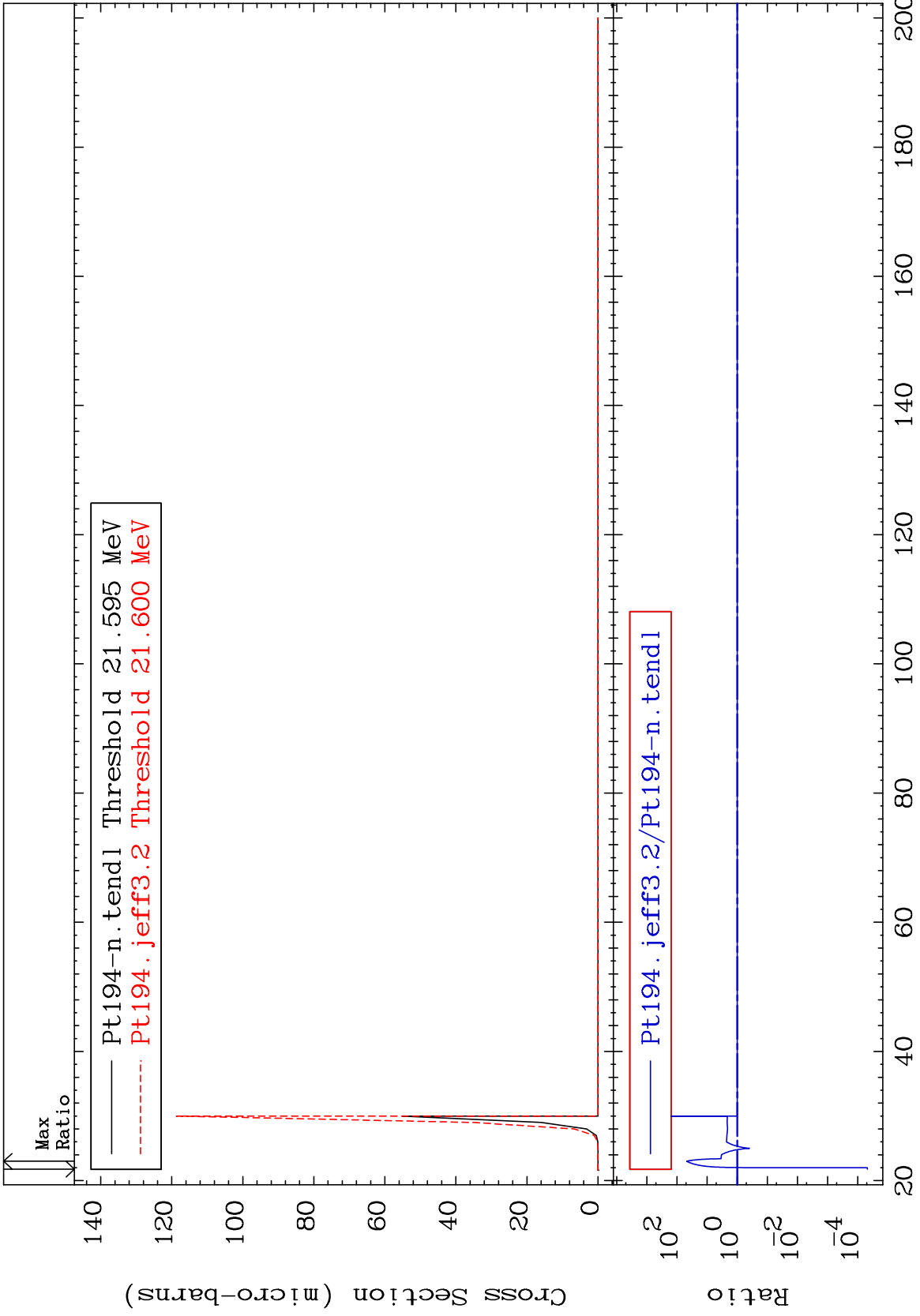
78-Pt-194
To 1307. %

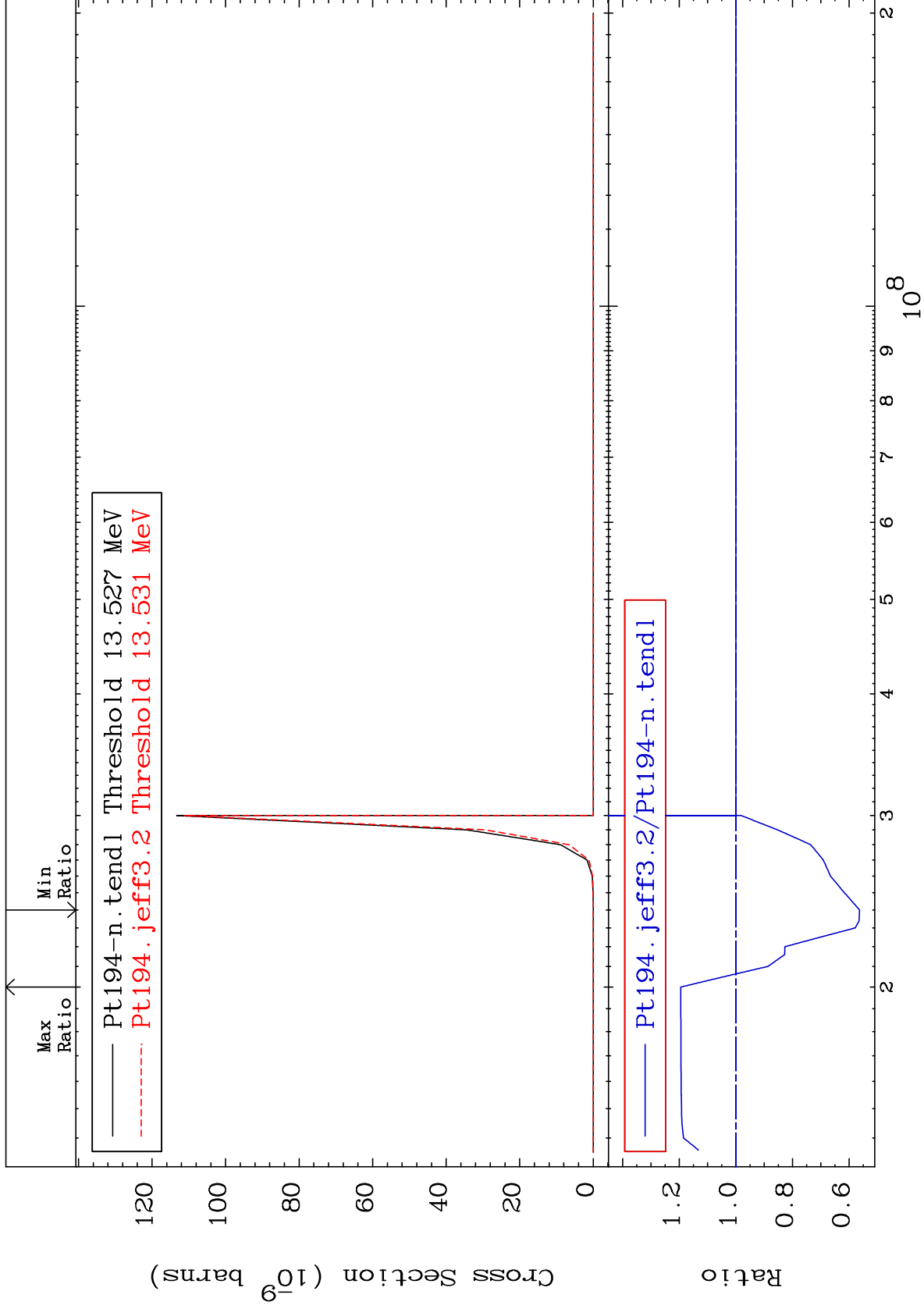


MAT 7837

(n,3n) p
Cross Section

78-Pt-194
-100.0 To 4738. %

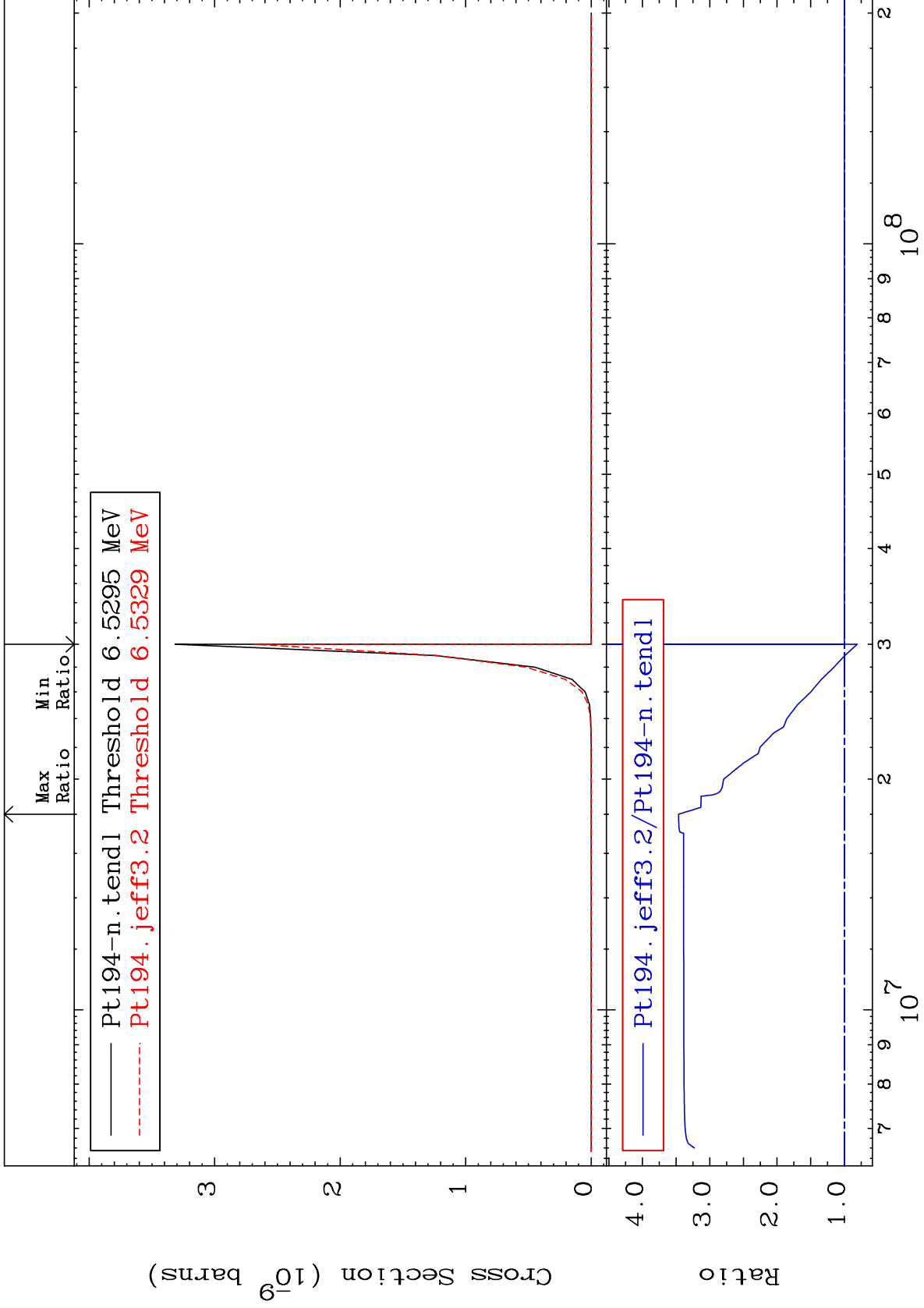




MAT 7837

(n,n') p α
Cross Section

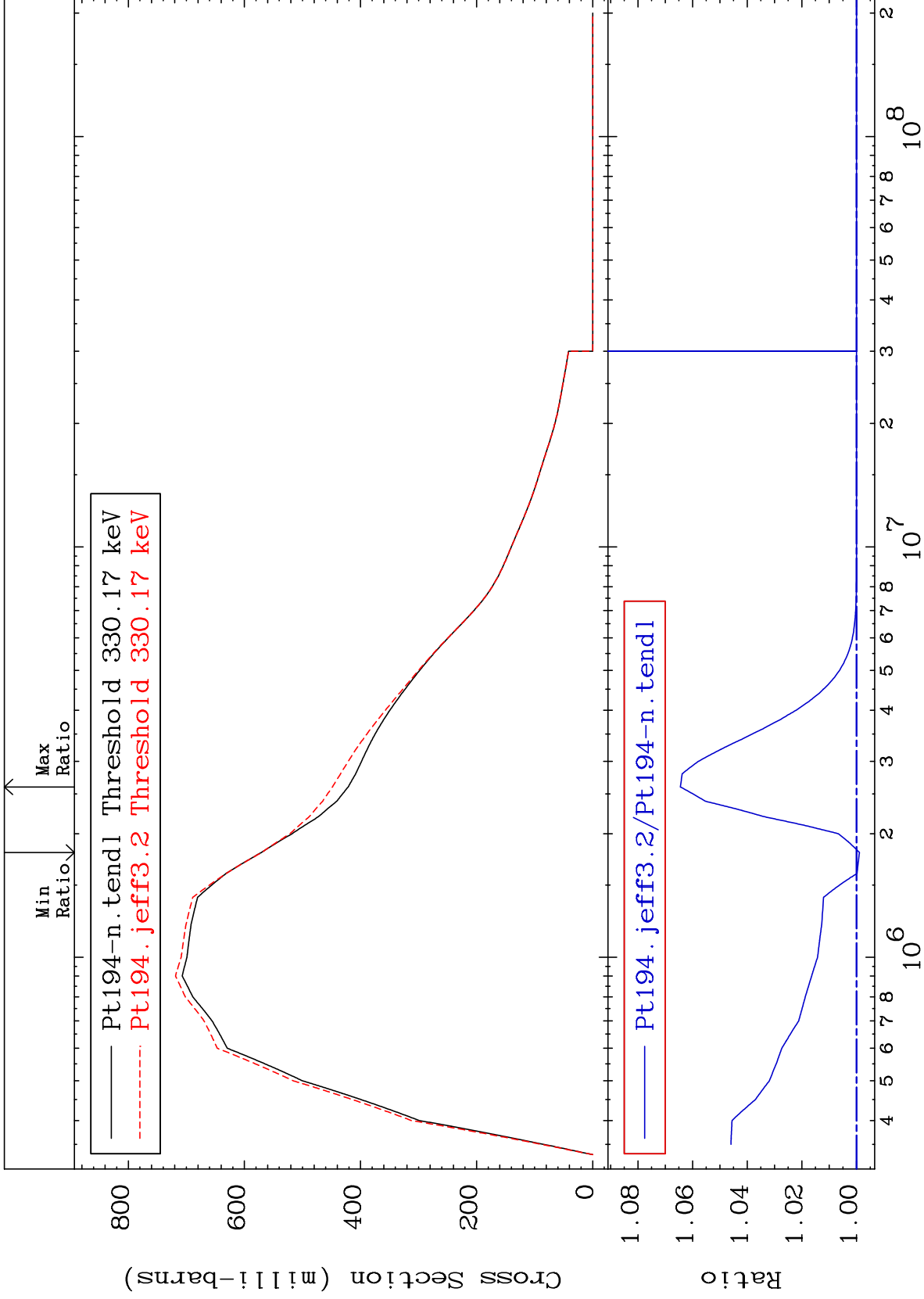
78-Pt-194
-19.17 To 246.3 %



MAT 7837

328.5 keV (n,n') Level
Cross Section

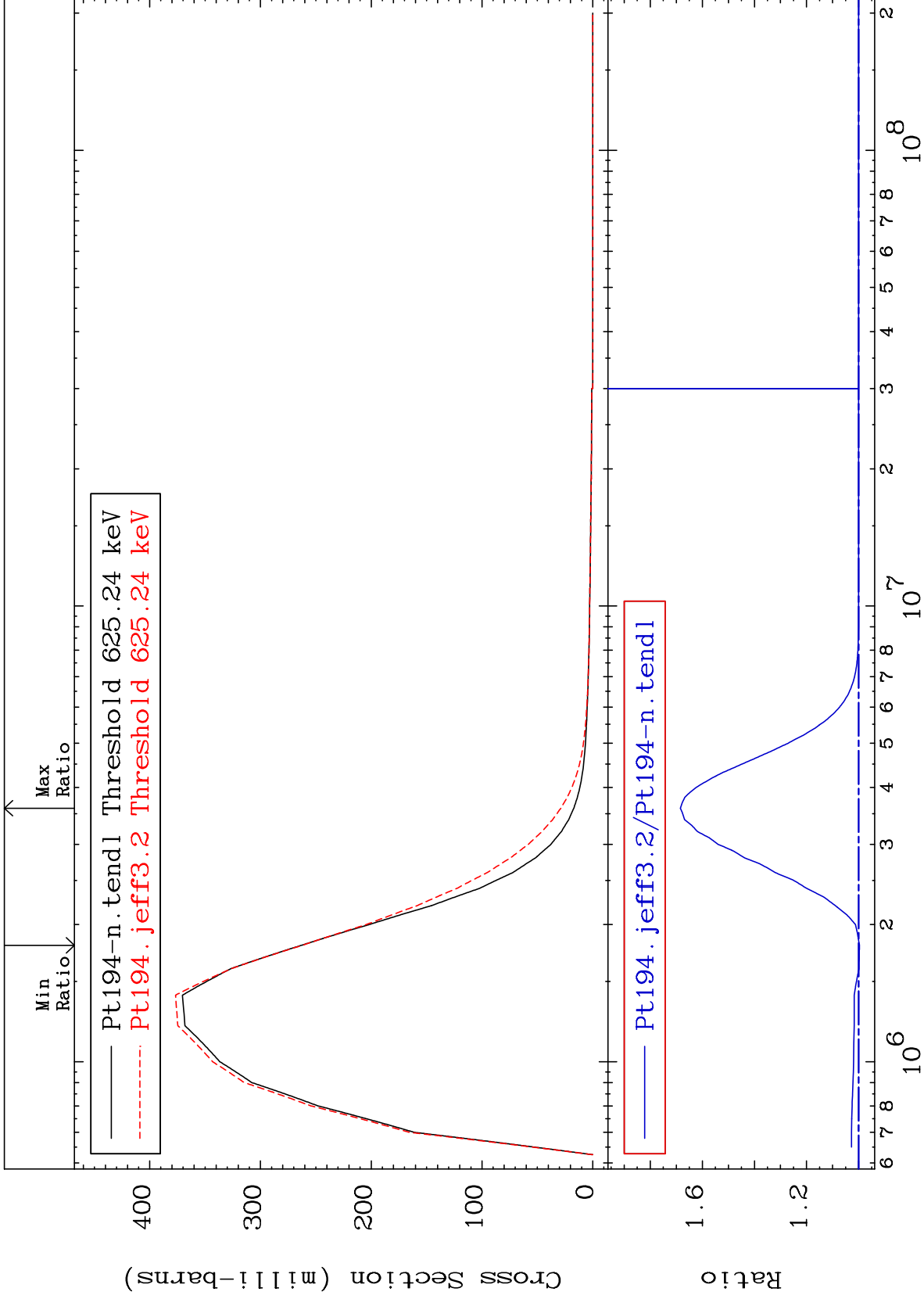
78-Pt-194
-0.107 To 6.446 %



MAT 7837

622.0 keV (n,n') Level
Cross Section

78-Pt-194
-0.287 To 68.43 %



21

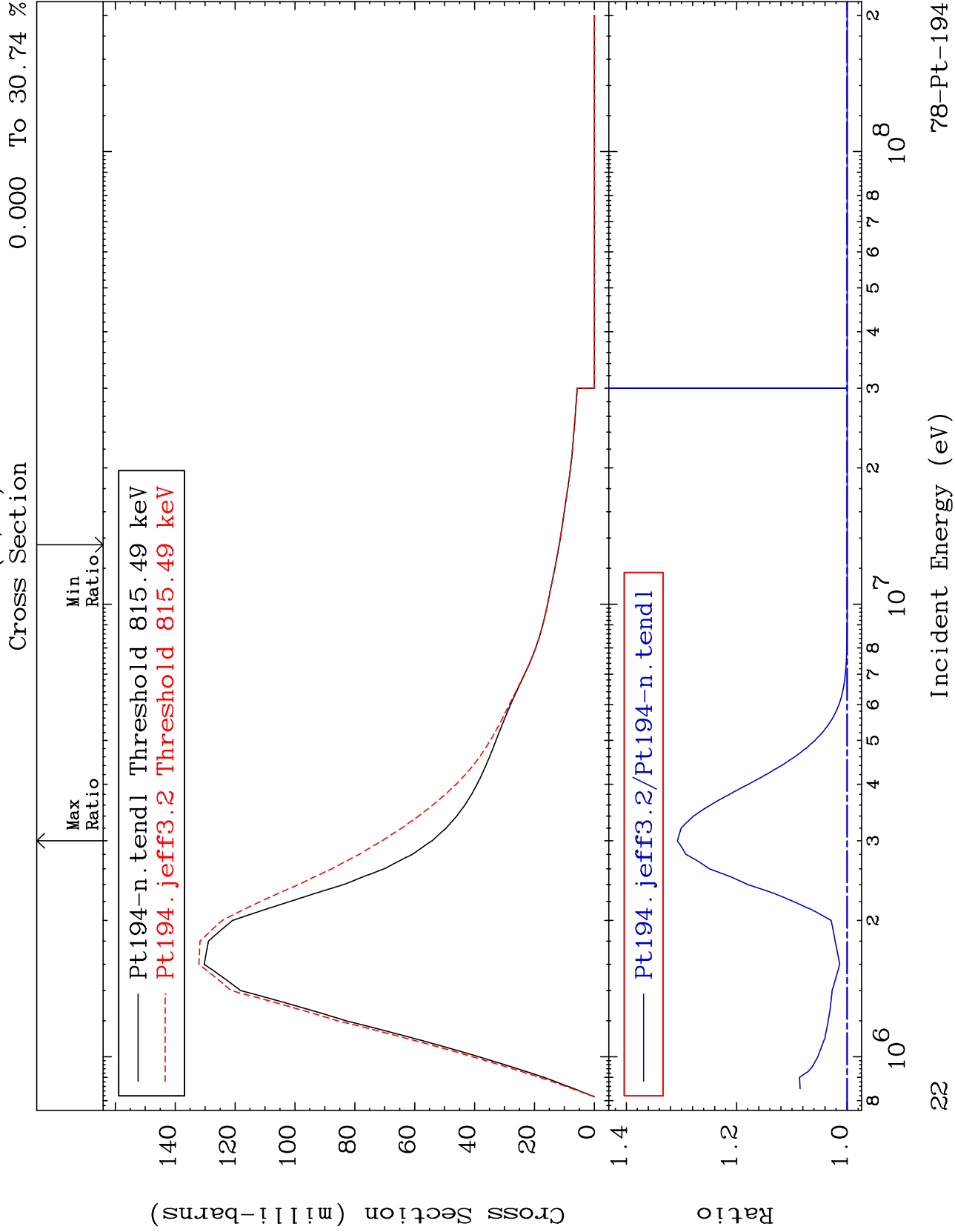
78-Pt-194

MAT 7837

811.3 keV (n,n') Level

78-Pt-194

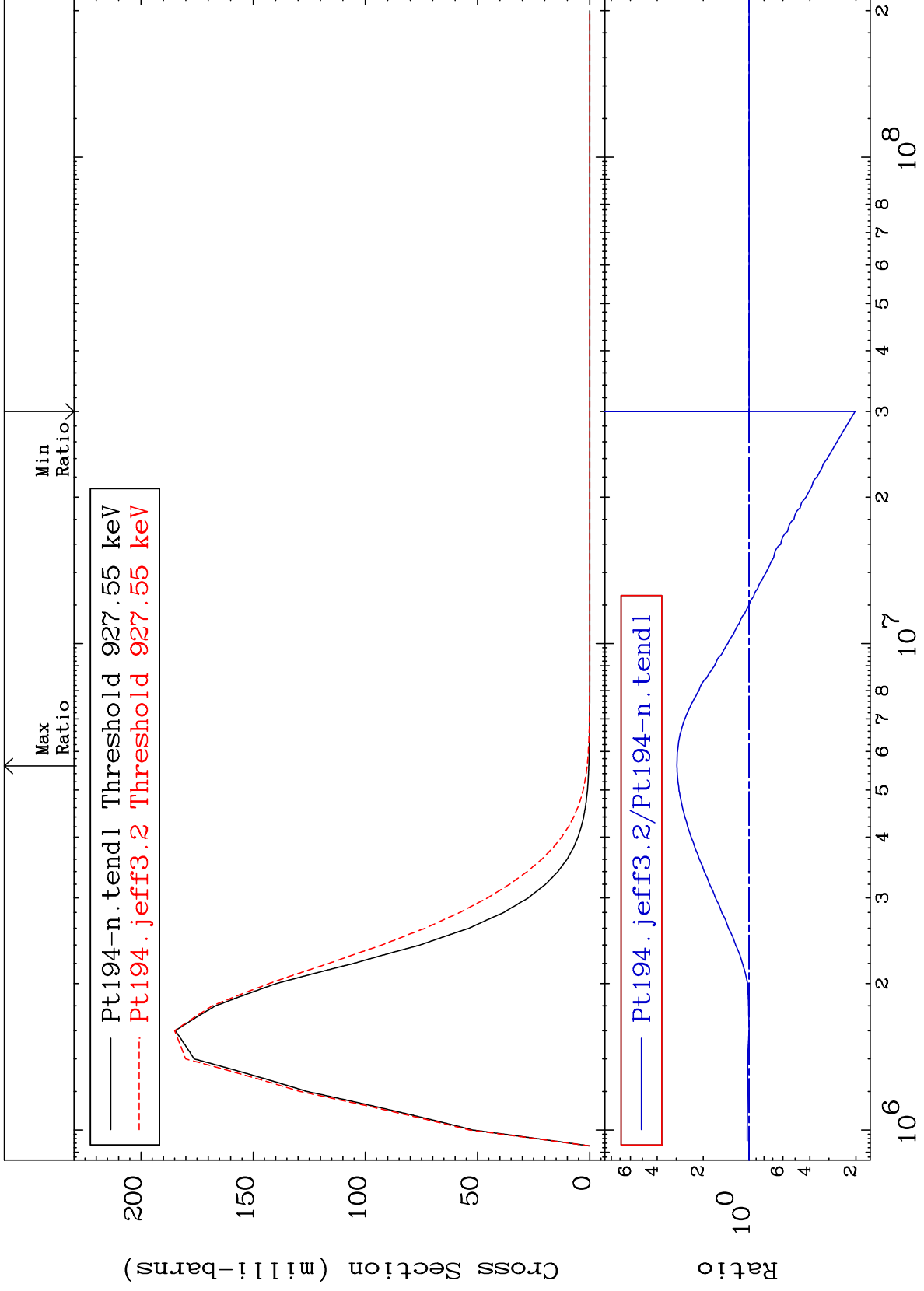
0.000 To 30.74 %



MAT 7837

922.8 keV (n,n') Level
Cross Section

78-Pt-194
-79.78 To 197.1 %



23

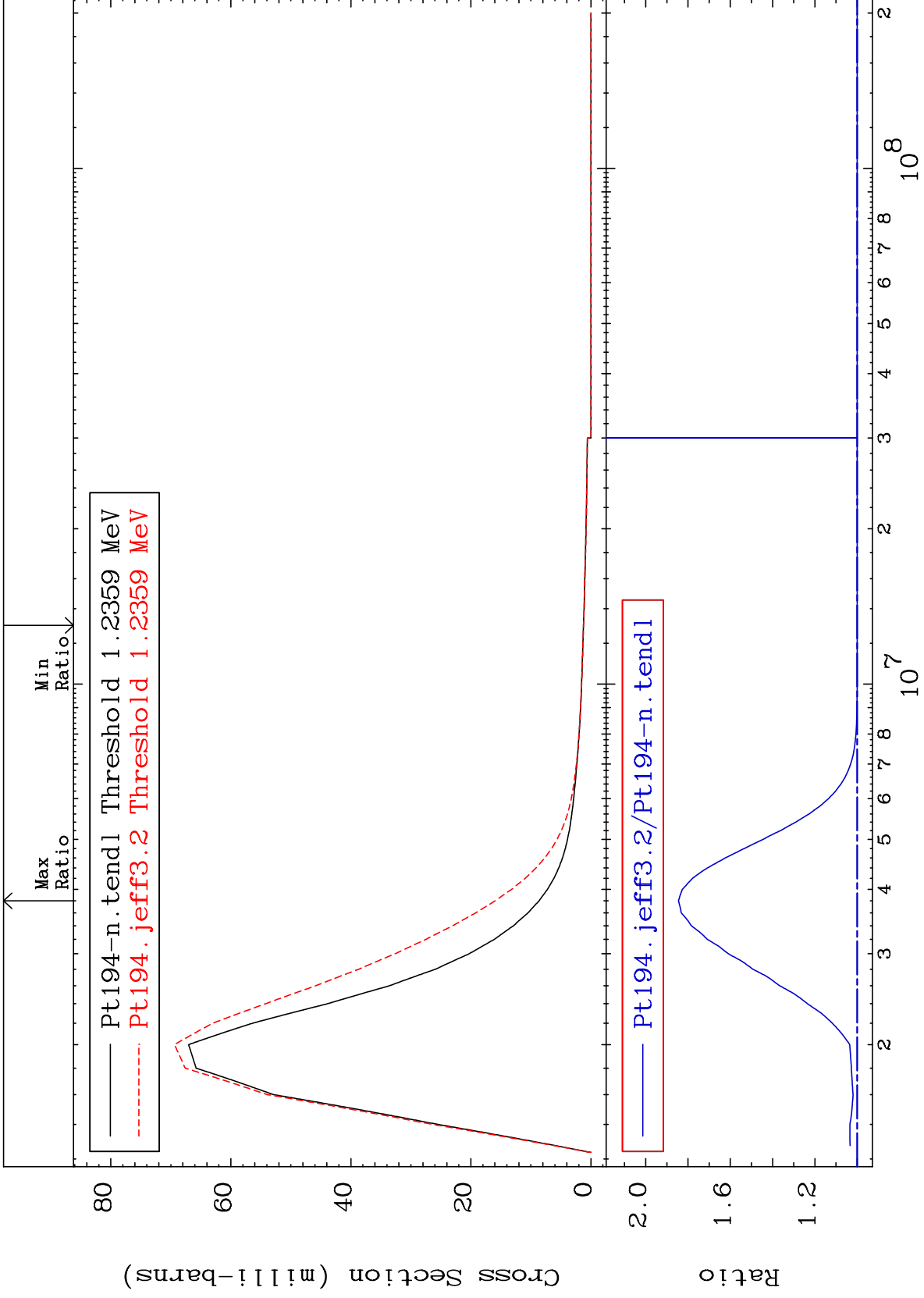
Incident Energy (eV)

78-Pt-194

MAT 7837

1.229 MeV (n,n') Level
Cross Section

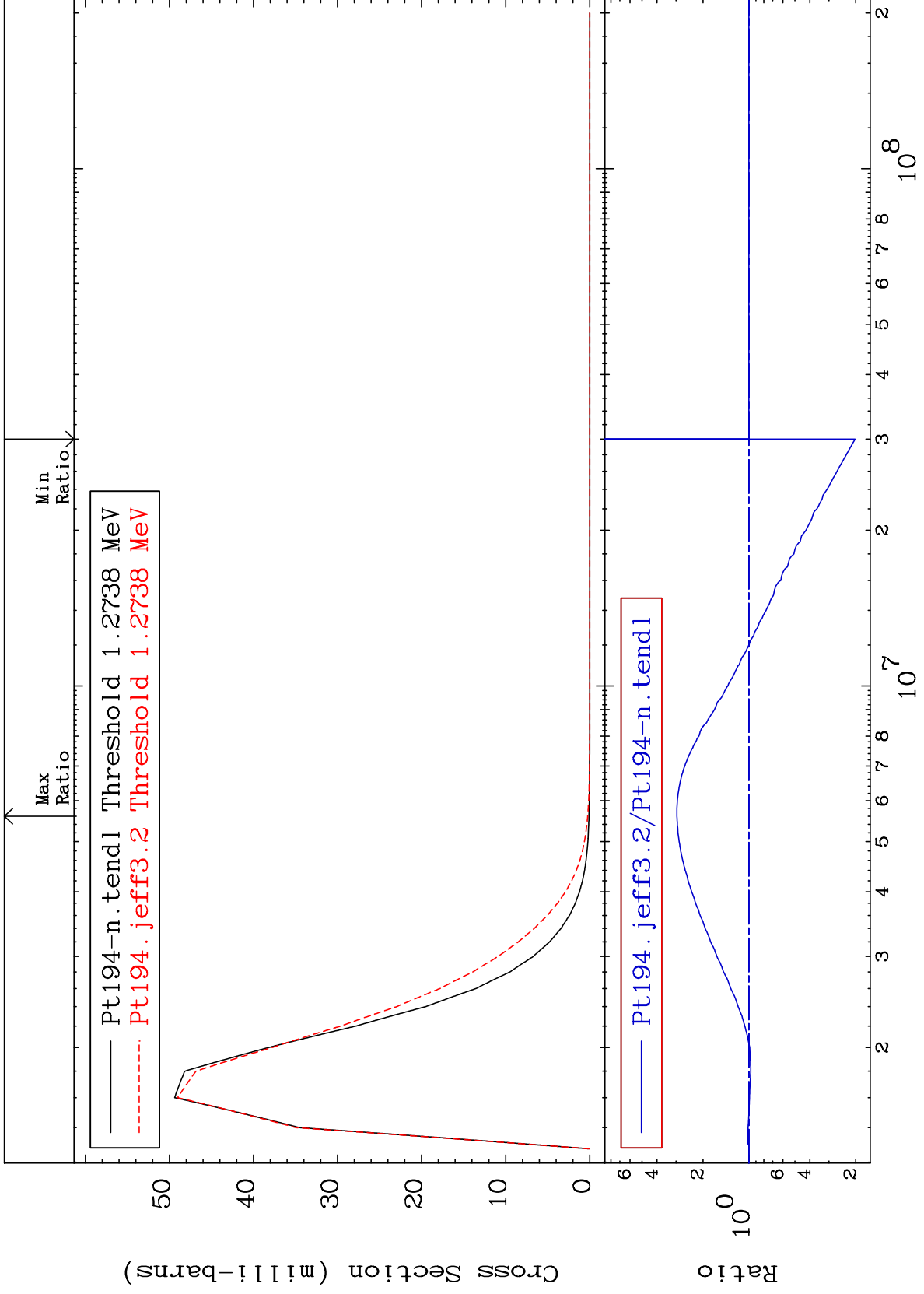
78-Pt-194
0.000 To 84.52 %



MAT 7837

1.267 MeV (n,n') Level
Cross Section

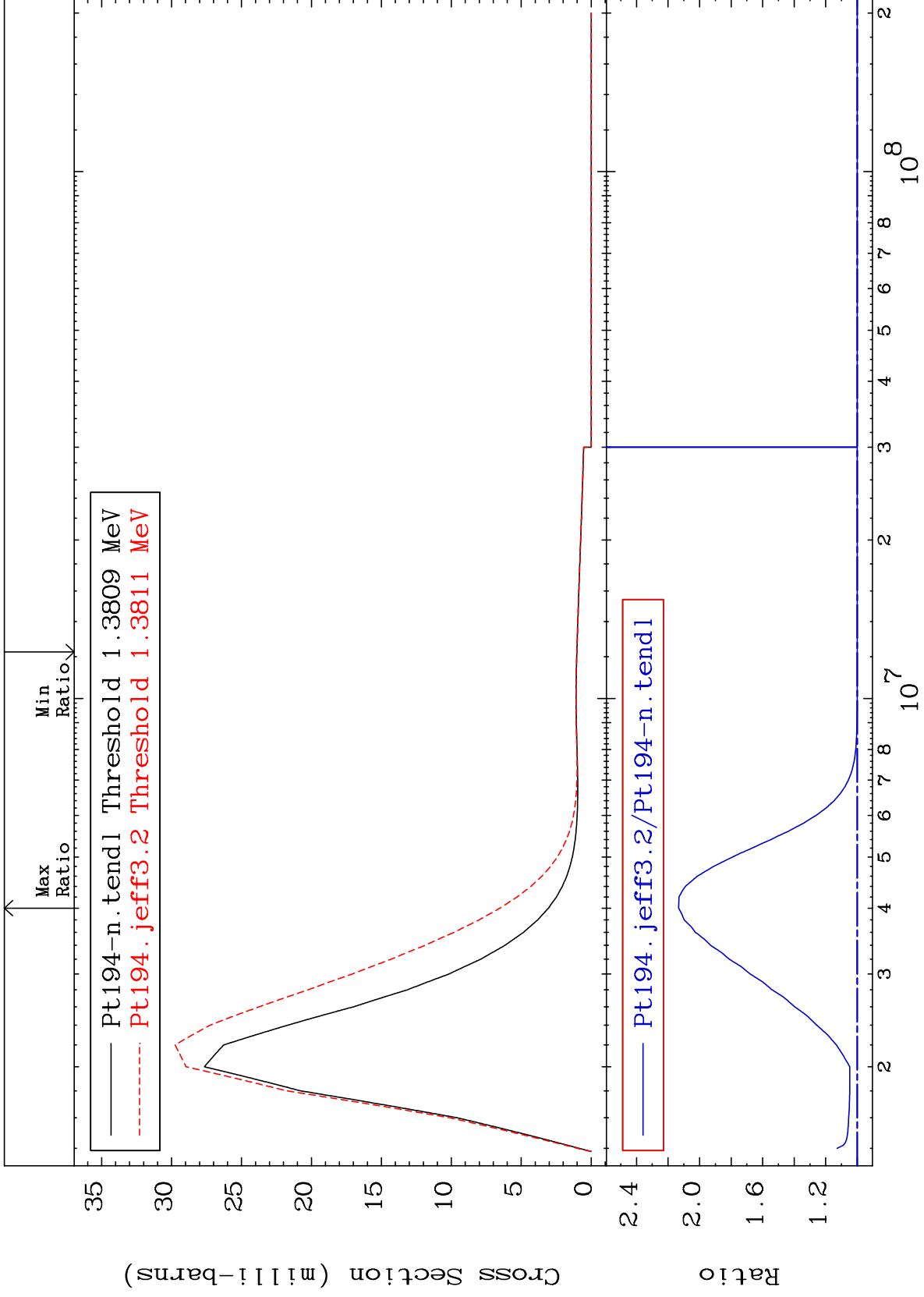
78-Pt-194
-79.79 To 196.0 %



MAT 7837

1.374 MeV (n,n') Level
Cross Section

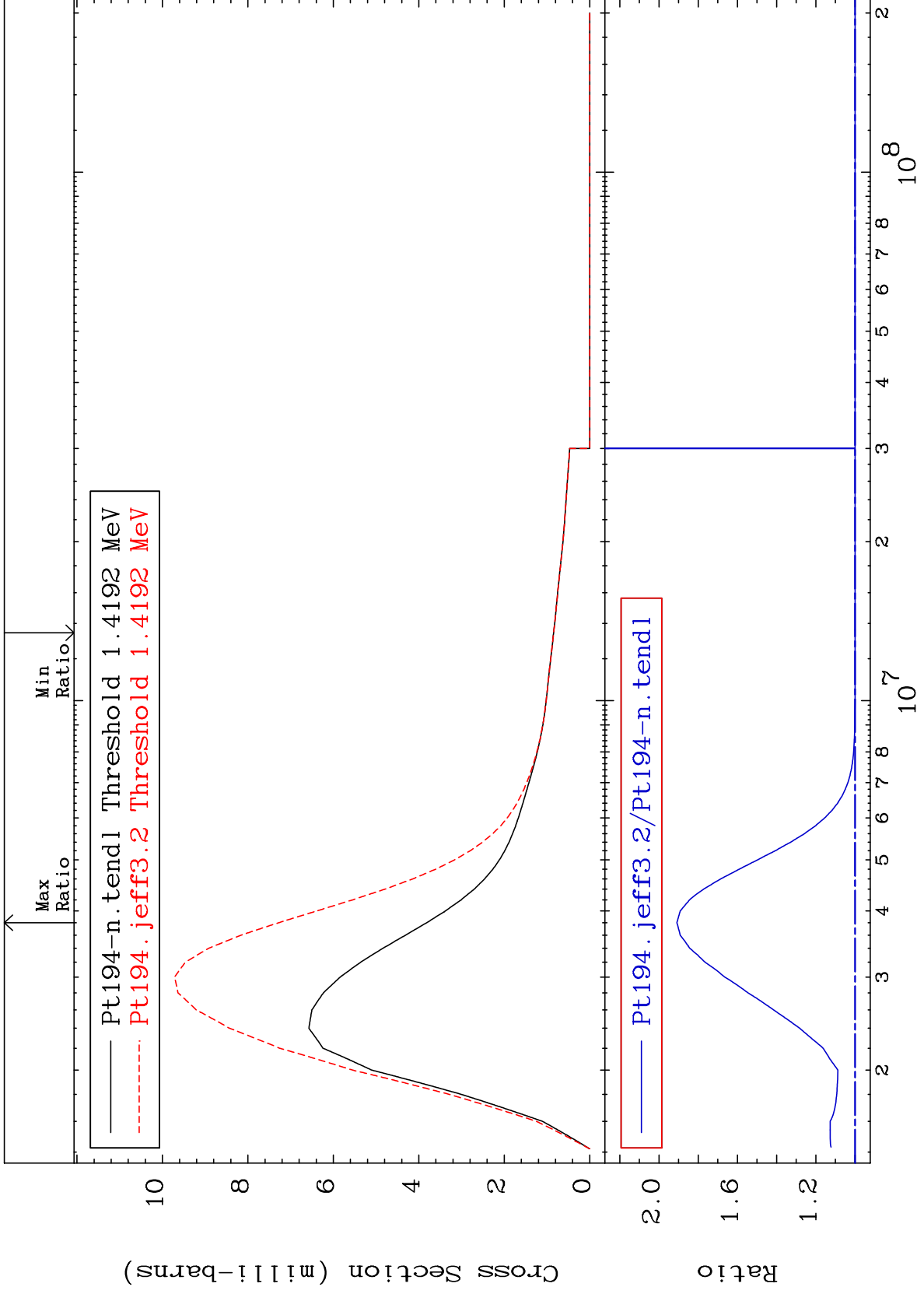
78-Pt-194
-0.001 To 113.3 %



MAT 7837

1.412 MeV (n,n') Level
Cross Section

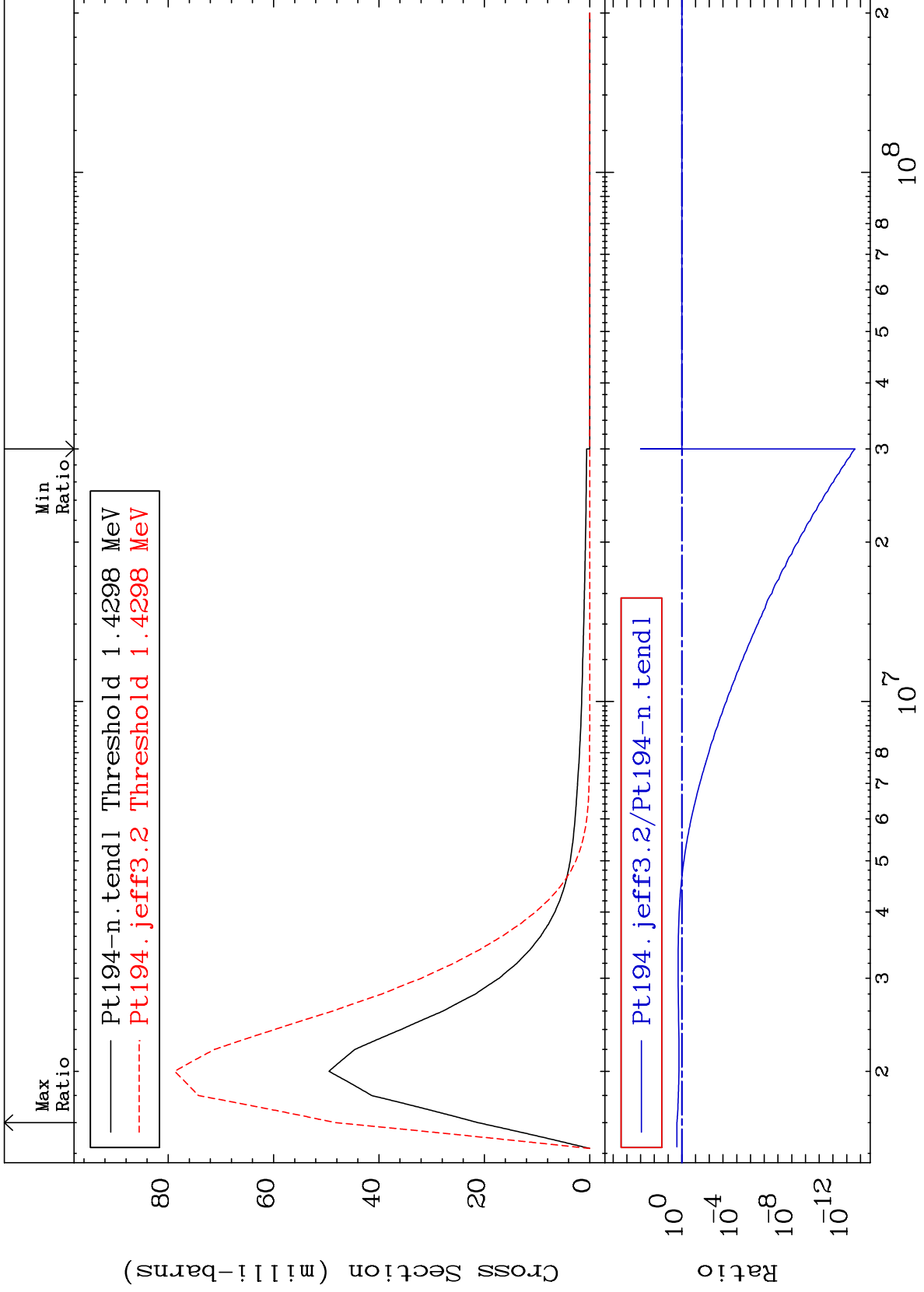
78-Pt-194
0.000 To 90.86 %



MAT 7837

1.422 MeV (n,n') Level
Cross Section

78-Pt-194
-100.0 To 127.1 %



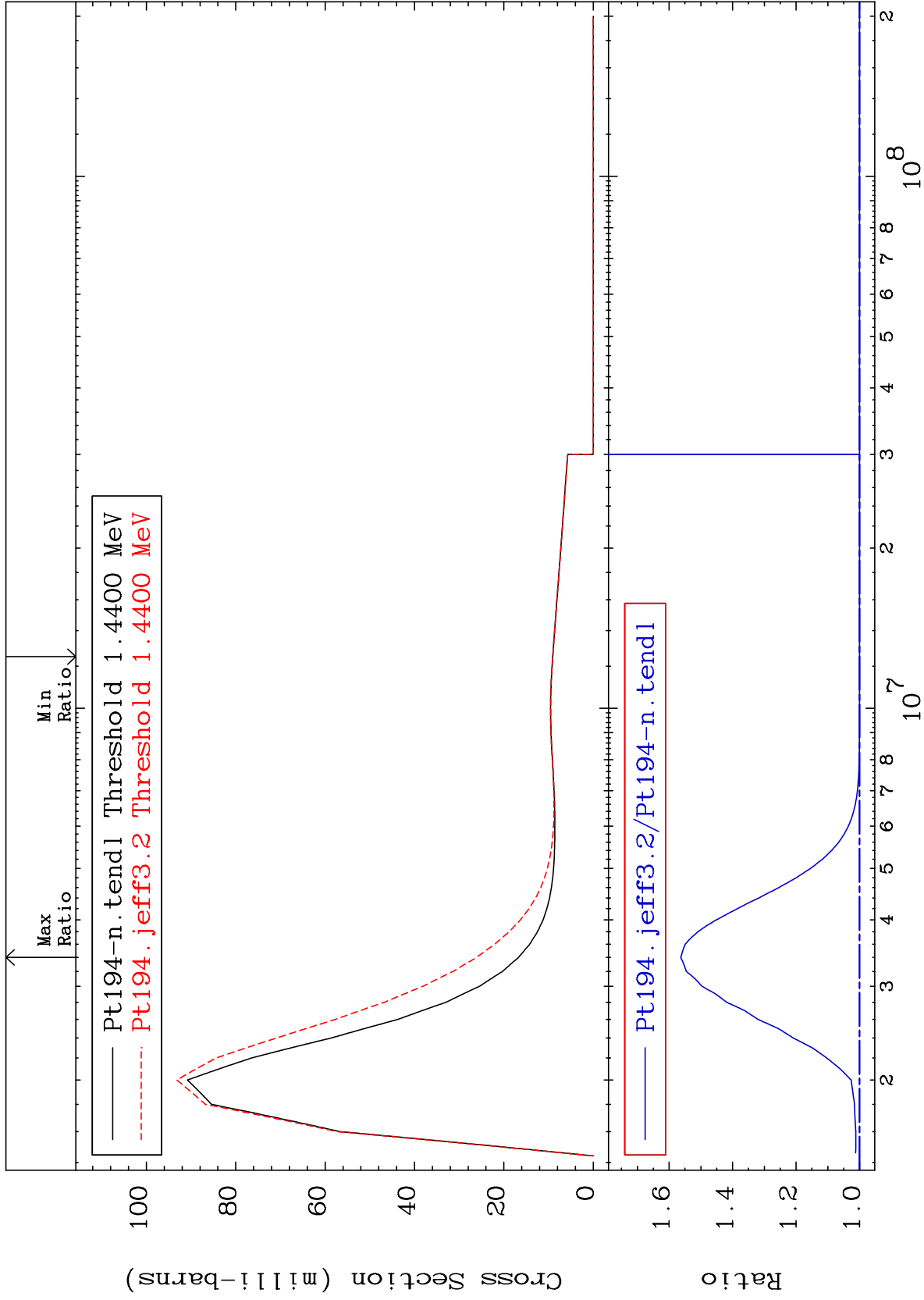
MAT 7837

1.433 MeV (n,n') Level

78-Pt-194

0.000 To 56.32 %

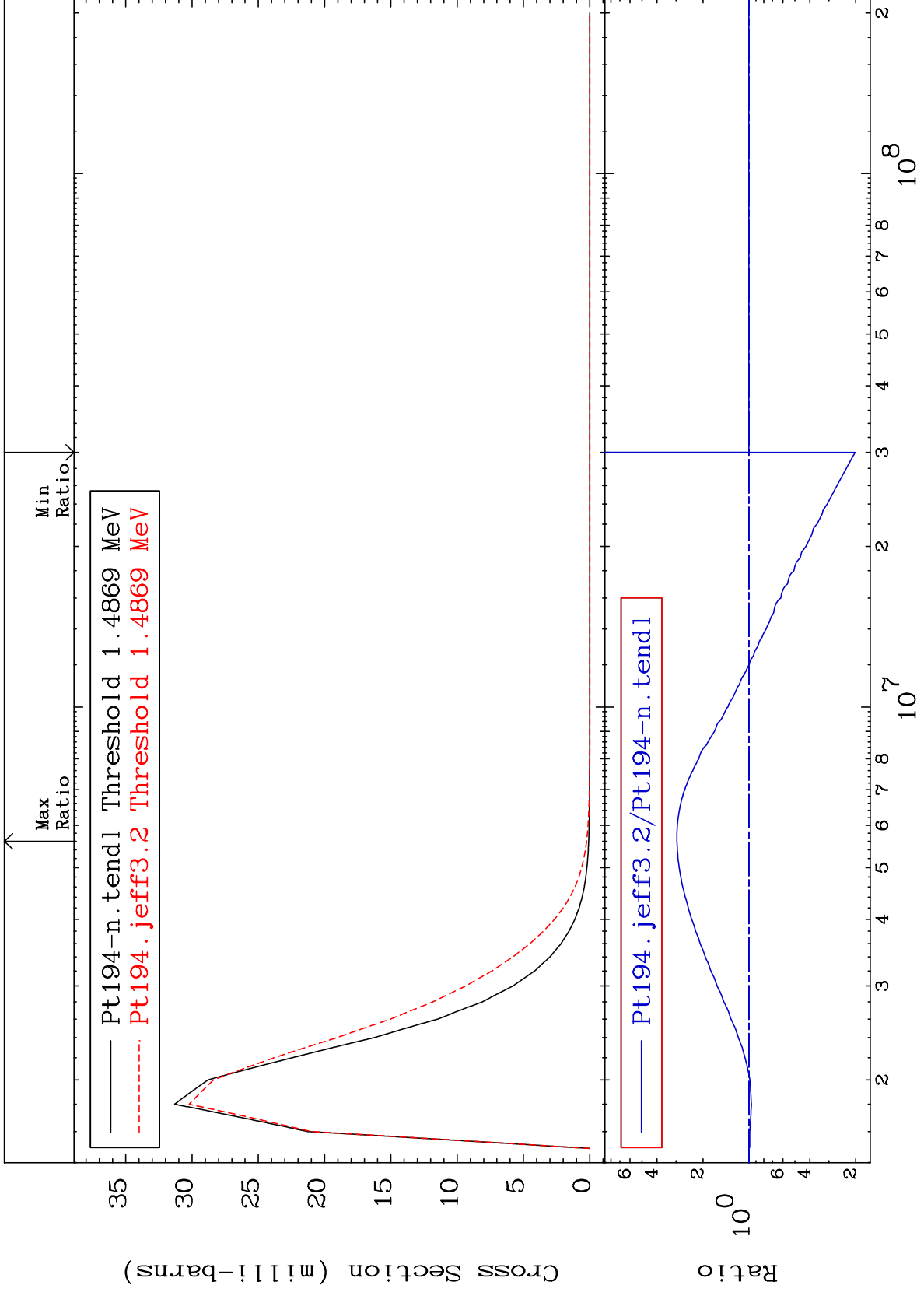
Cross Section



MAT 7837

1.479 MeV (n,n') Level
Cross Section

78-Pt-194
-79.79 To 195.9 %



30

Incident Energy (eV)

78-Pt-194

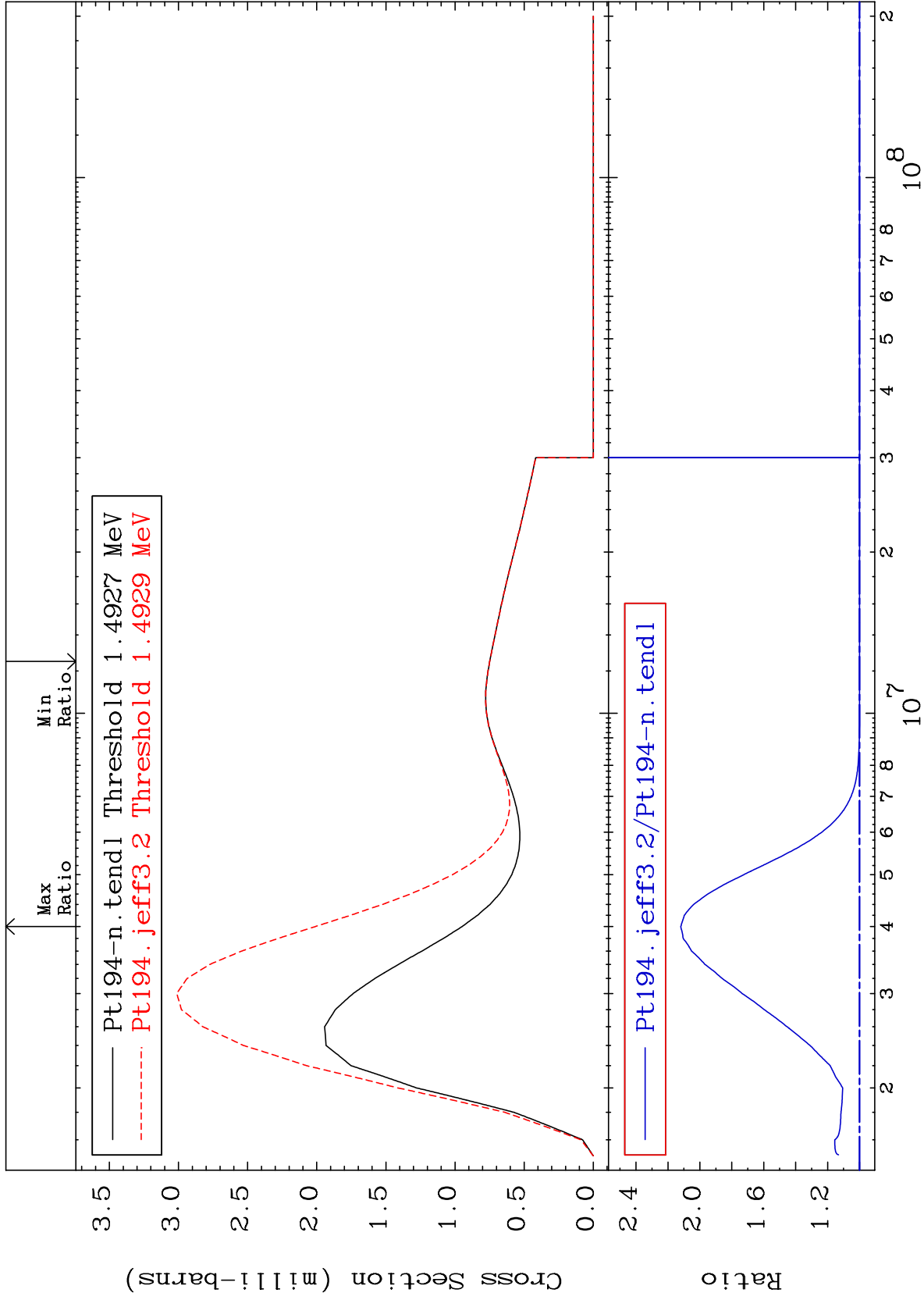
MAT 7837

1.485 MeV (n,n') Level

78-Pt-194

-0.001 To 112.0 %

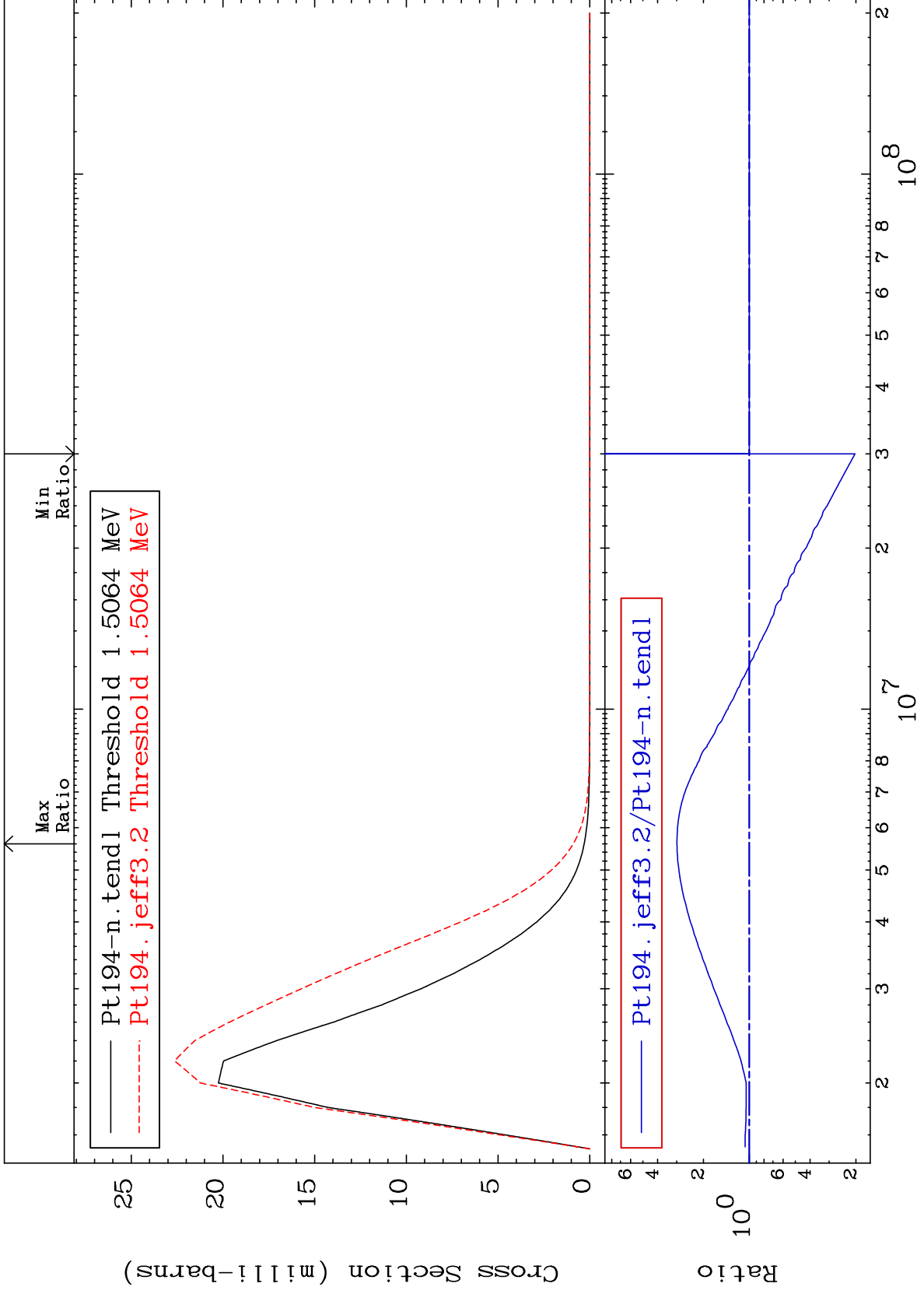
Cross Section



MAT 7837

1.499 MeV (n,n') Level
Cross Section

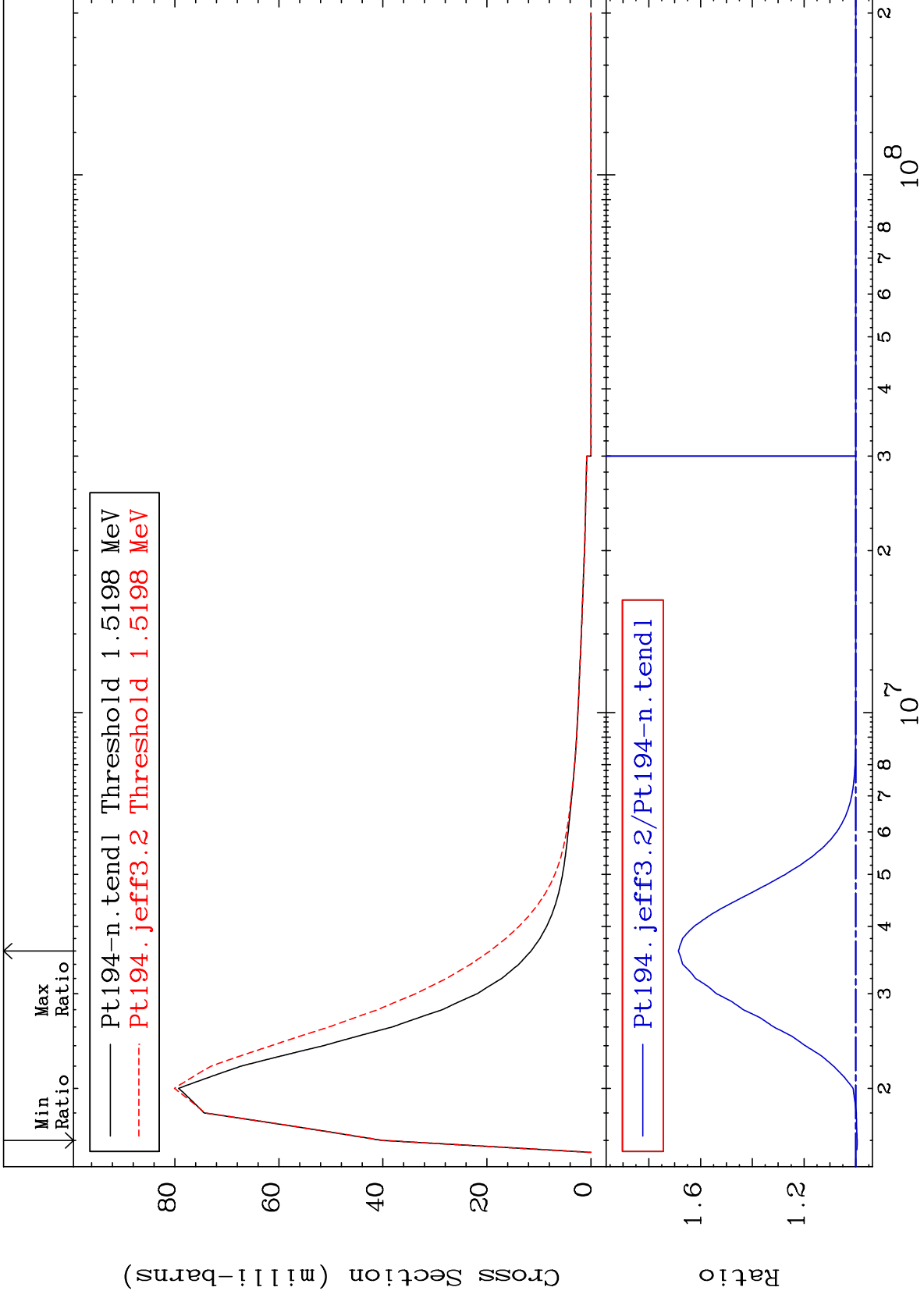
78-Pt-194
-79.75 To 198.5 %



MAT 7837

1.512 MeV (n,n') Level
Cross Section

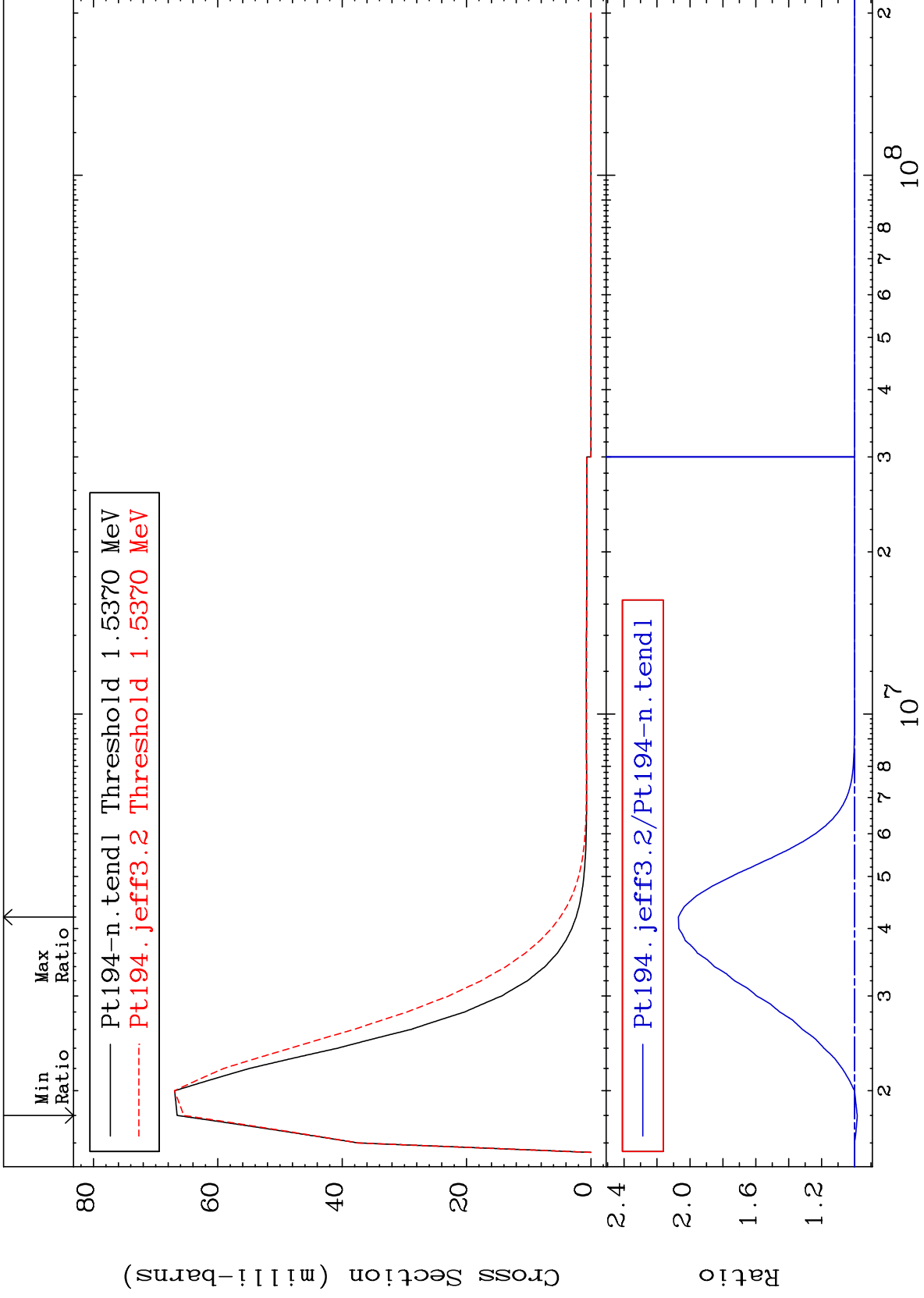
78-Pt-194
-0.536 To 68.56 %



MAT 7837

1.529 MeV (n,n') Level
Cross Section

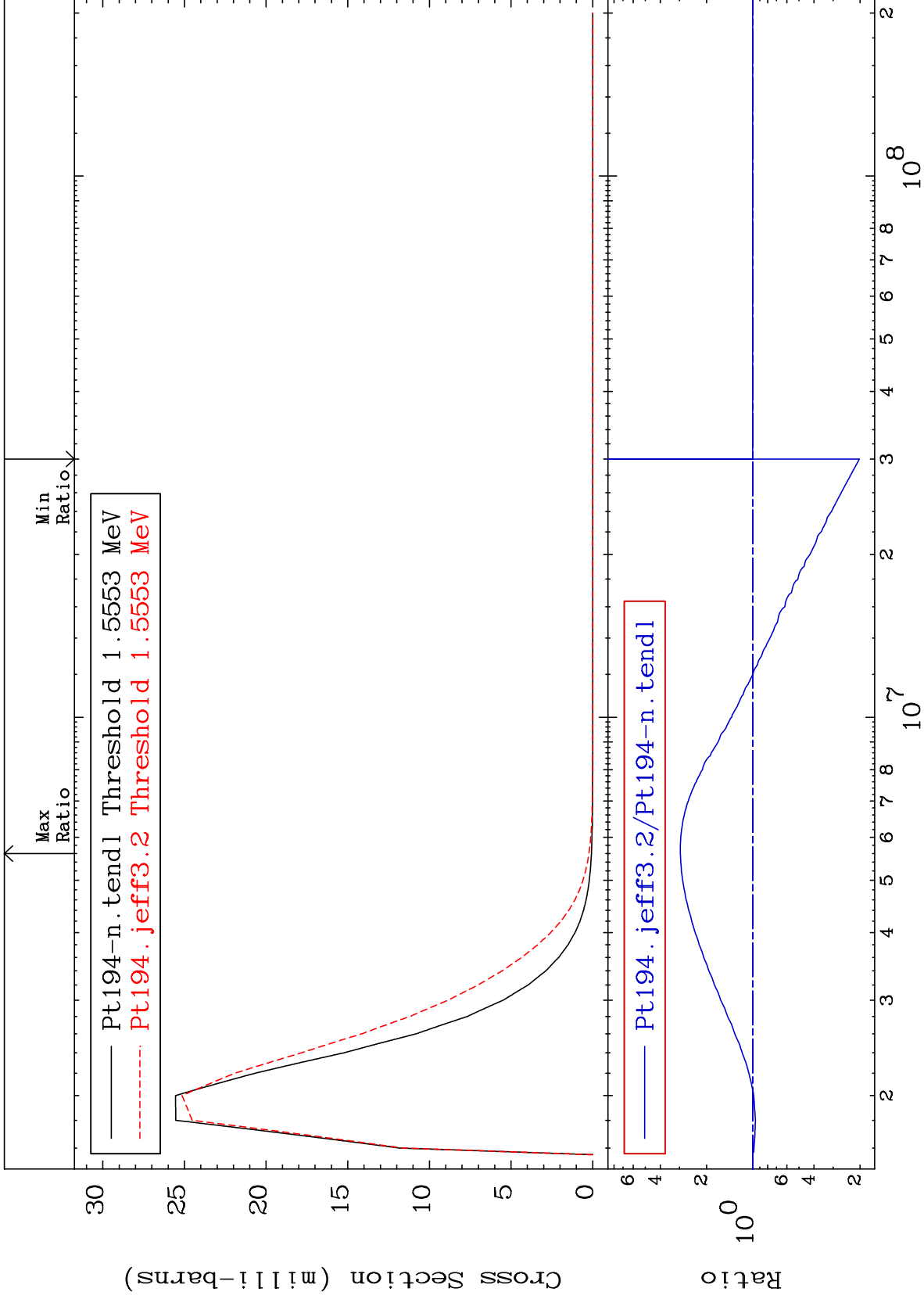
78-Pt-194
-1.609 To 107.0 %



MAT 7837

1.547 MeV (n,n') Level
Cross Section

78-Pt-194
-79.79 To 195.9 %



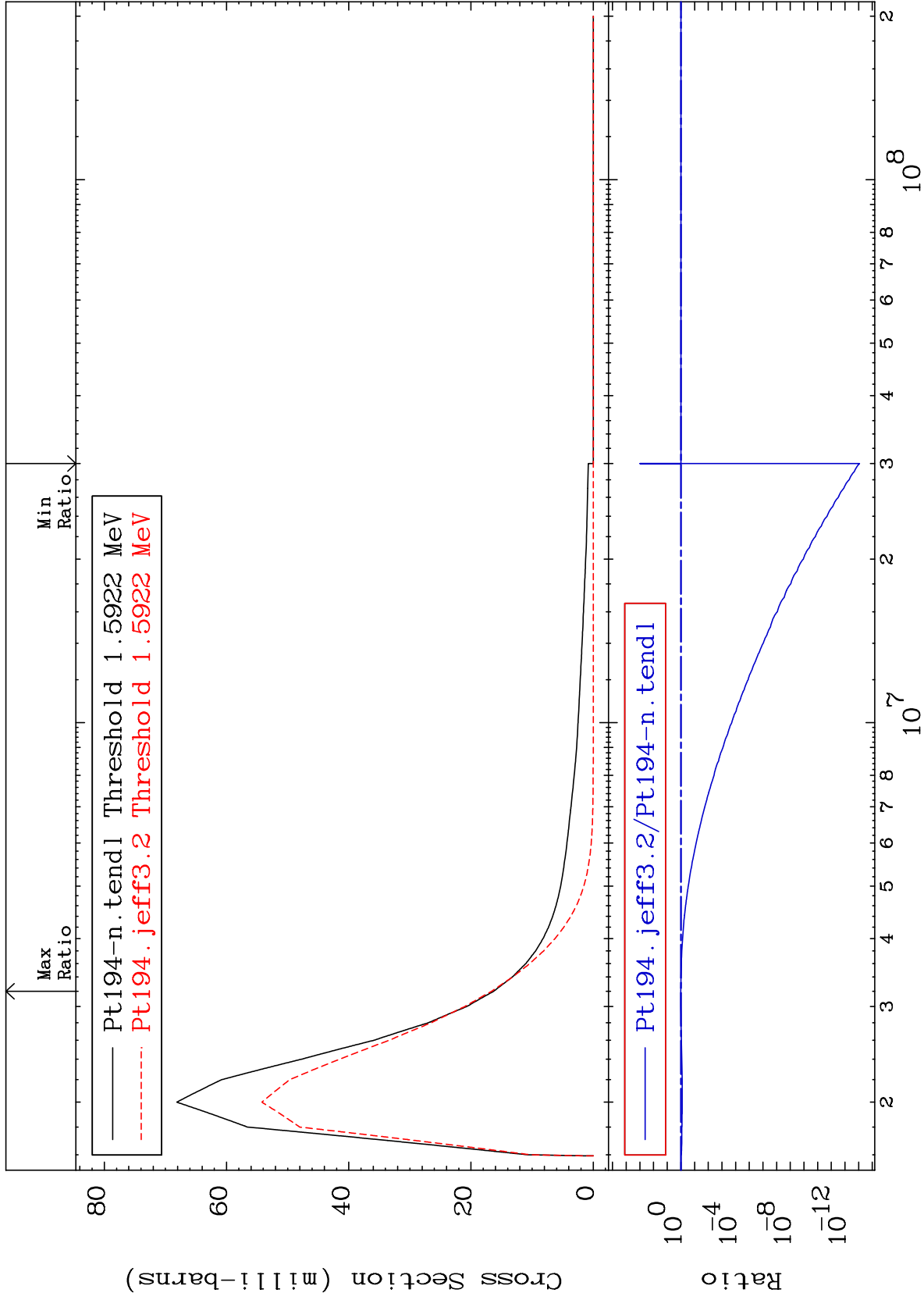
MAT 7837

1.584 MeV (n,n') Level

78-Pt-194

Cross Section

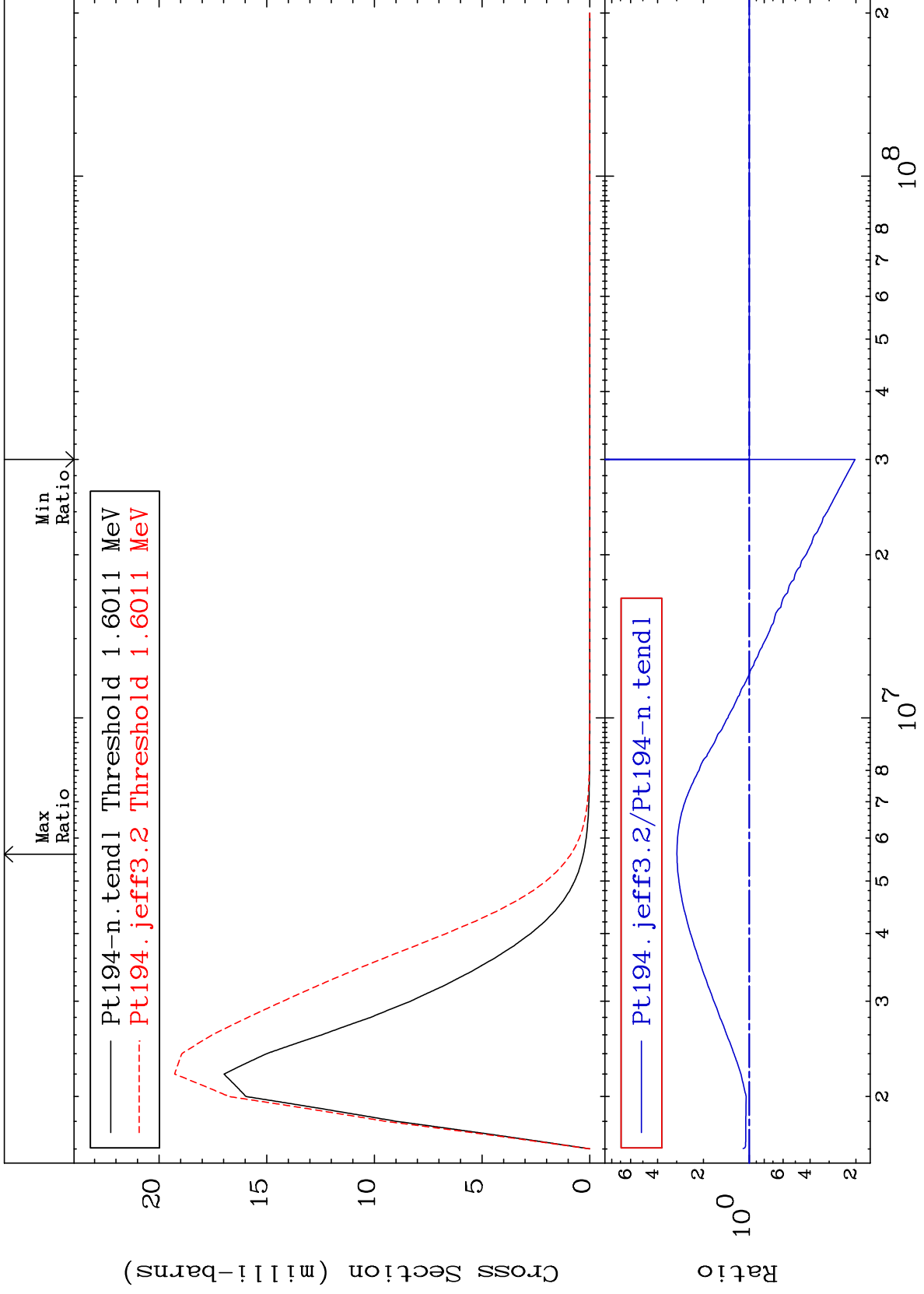
-100.0 To 2.133 %



MAT 7837

1.593 MeV (n,n') Level
Cross Section

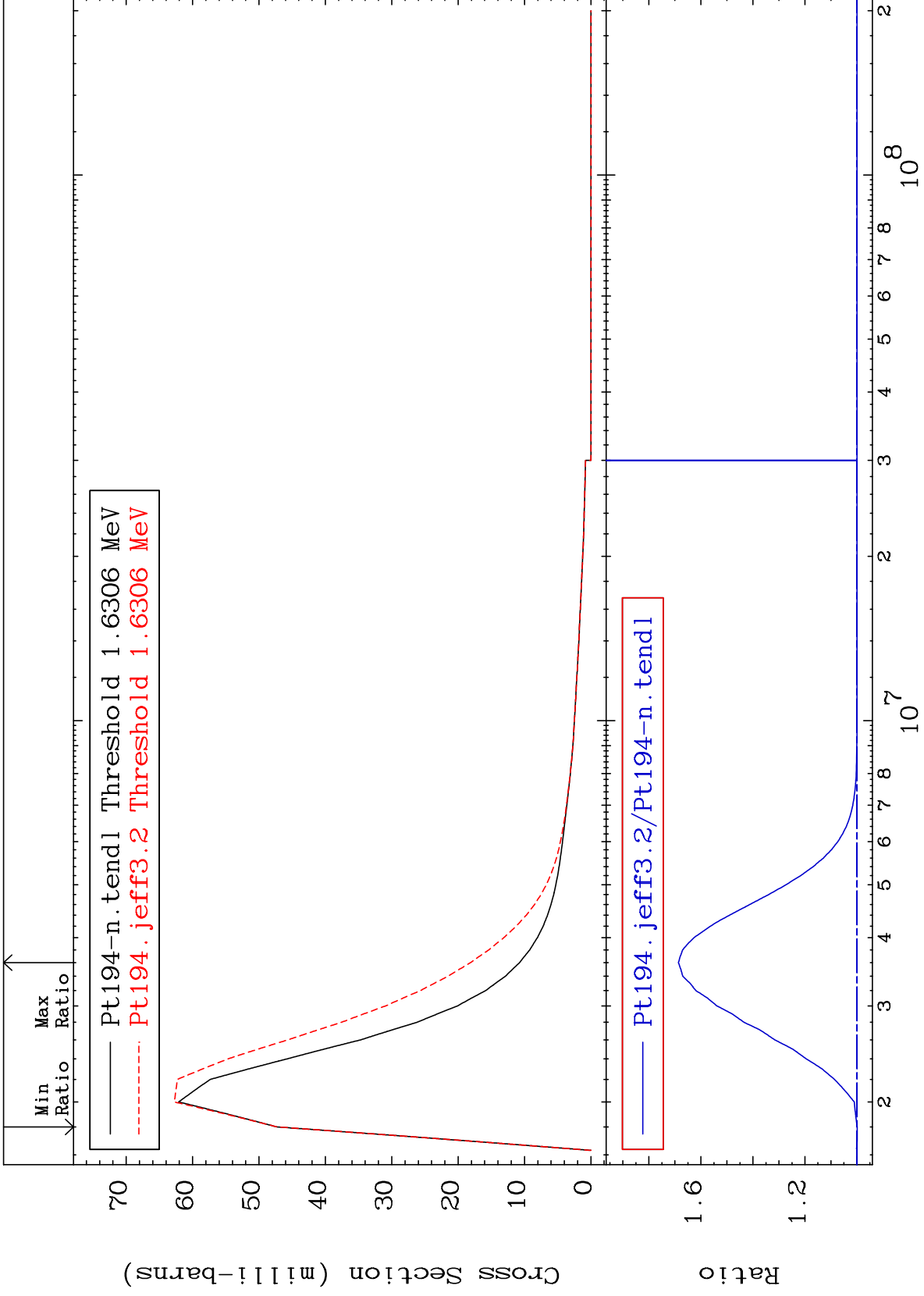
78-Pt-194
-79.75 To 198.5 %



MAT 7837

1.622 MeV (n,n') Level
Cross Section

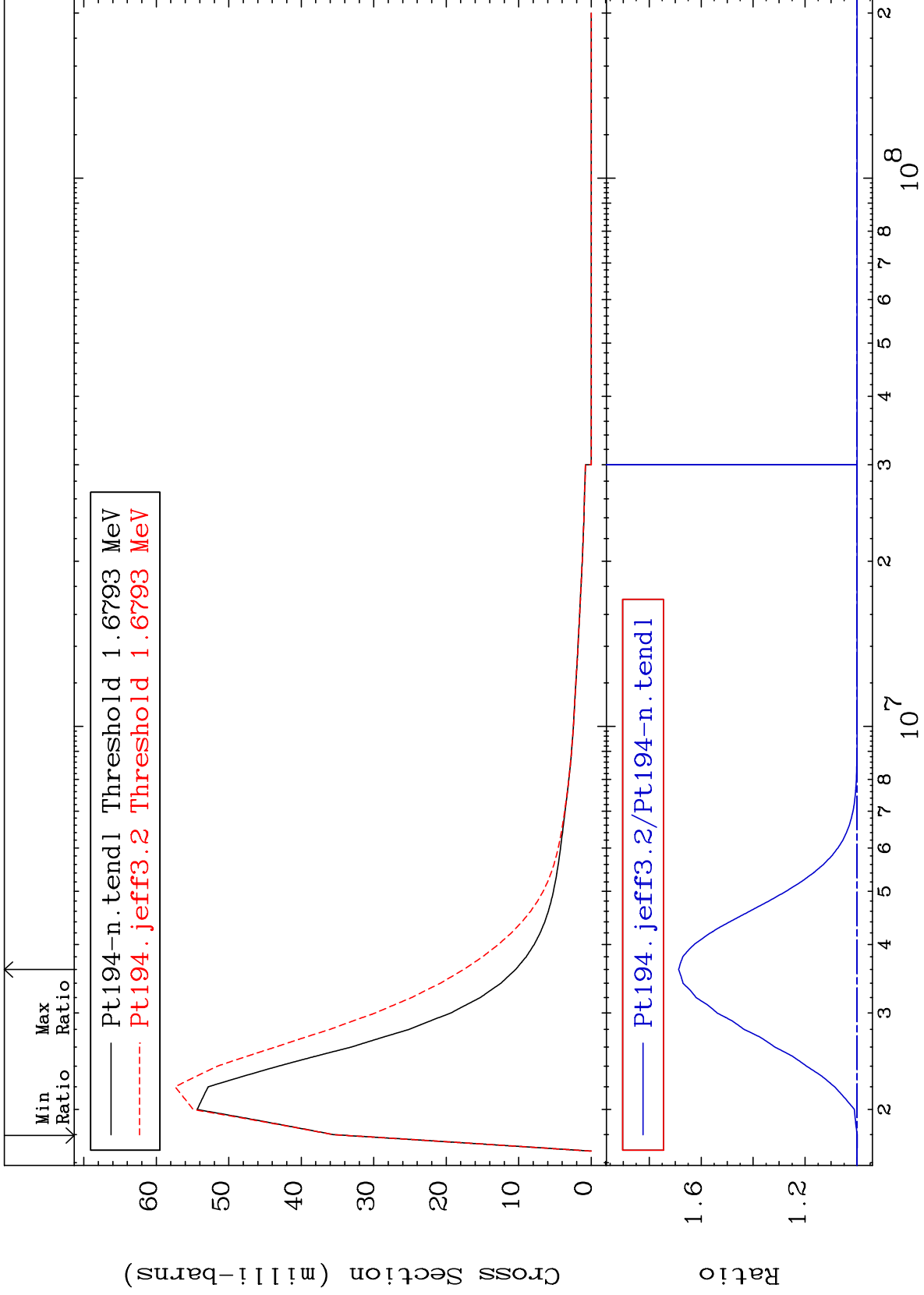
78-Pt-194
-0.086 To 68.63 %



MAT 7837

1.671 MeV (n,n') Level
Cross Section

78-Pt-194
-0.055 To 68.67 %



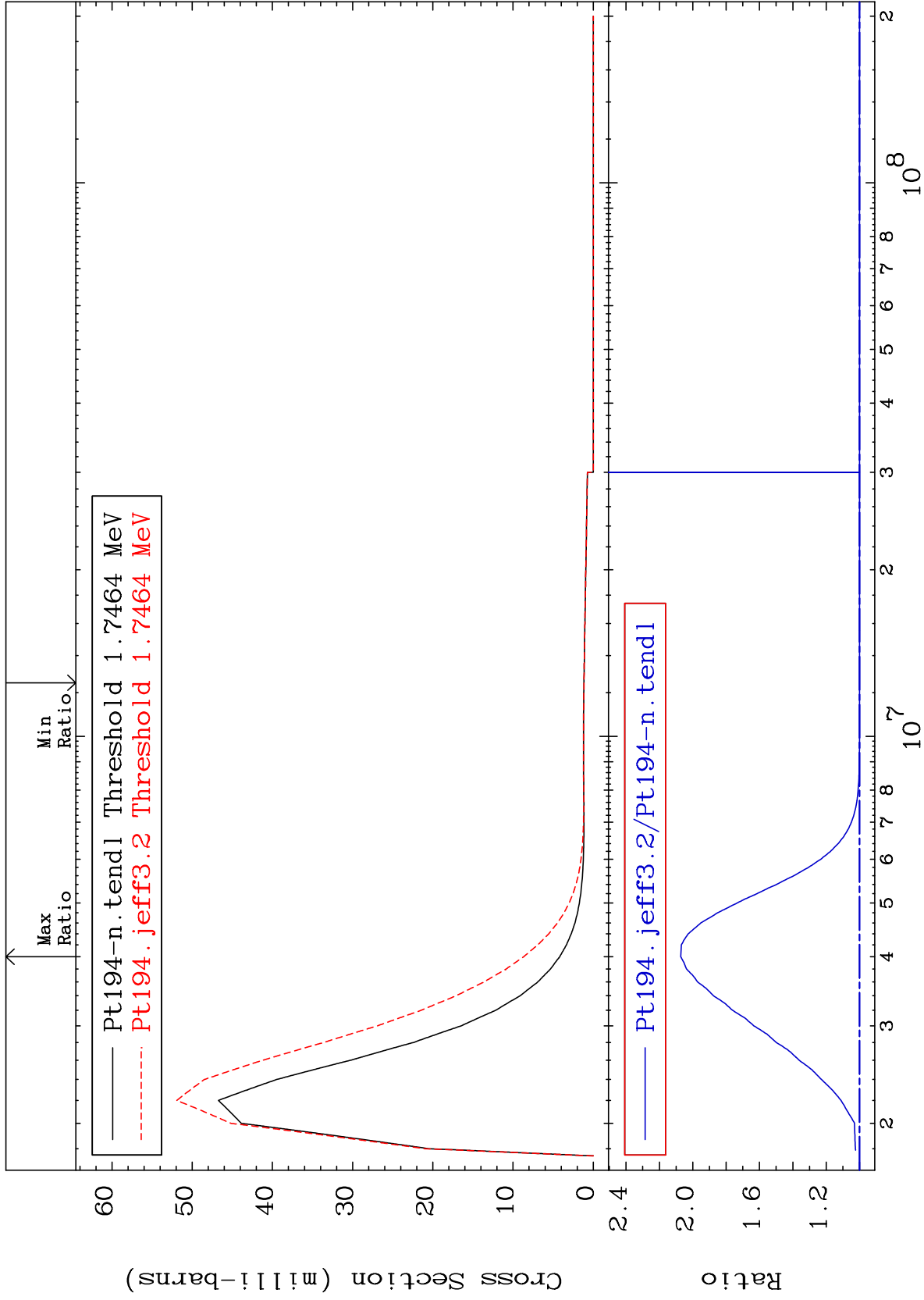
MAT 7837

1.737 MeV (n,n') Level

78-Pt-194

0.000 To 107.2 %

Cross Section



40

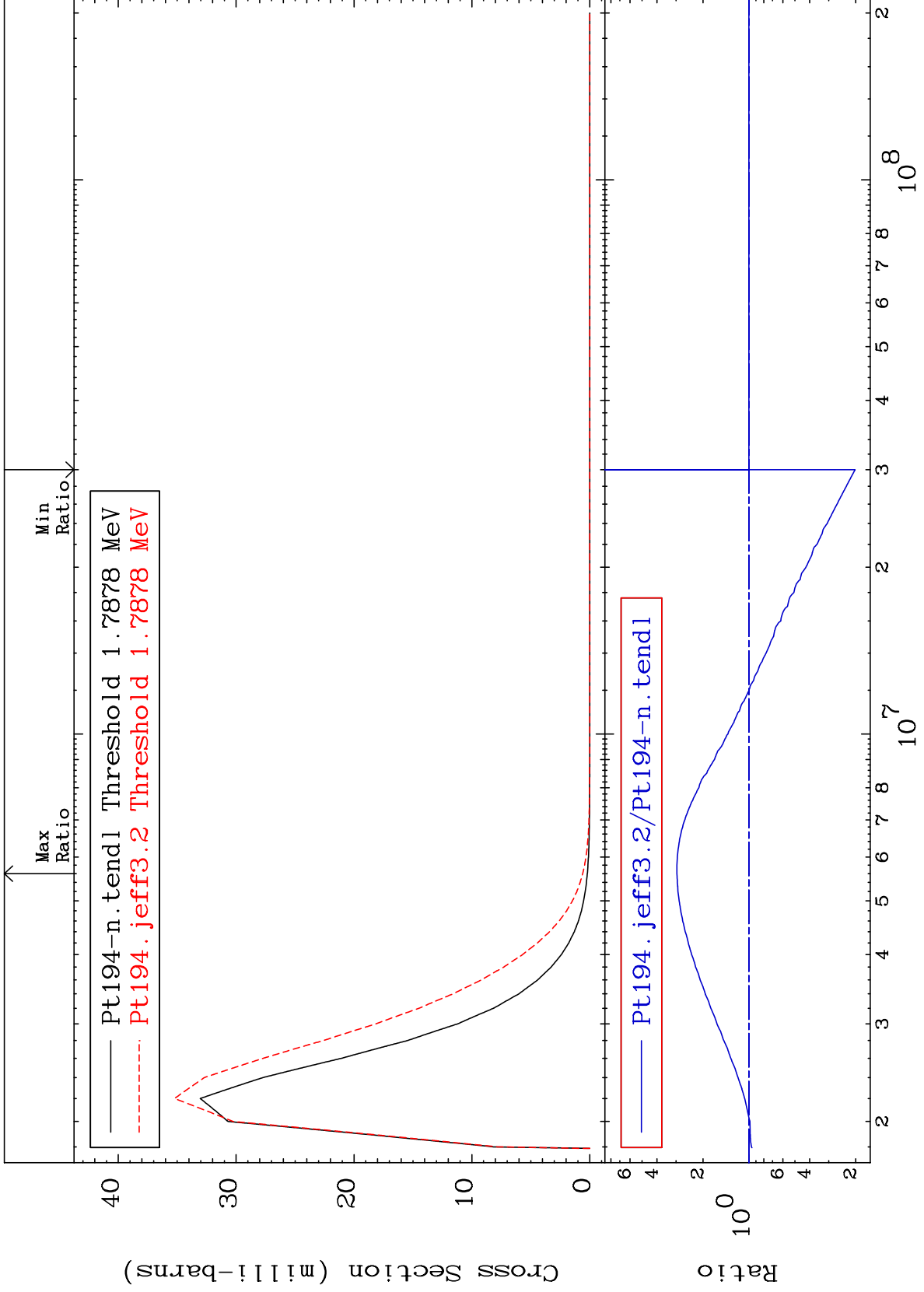
Incident Energy (eV)

78-Pt-194

MAT 7837

1.779 MeV (n,n') Level
Cross Section

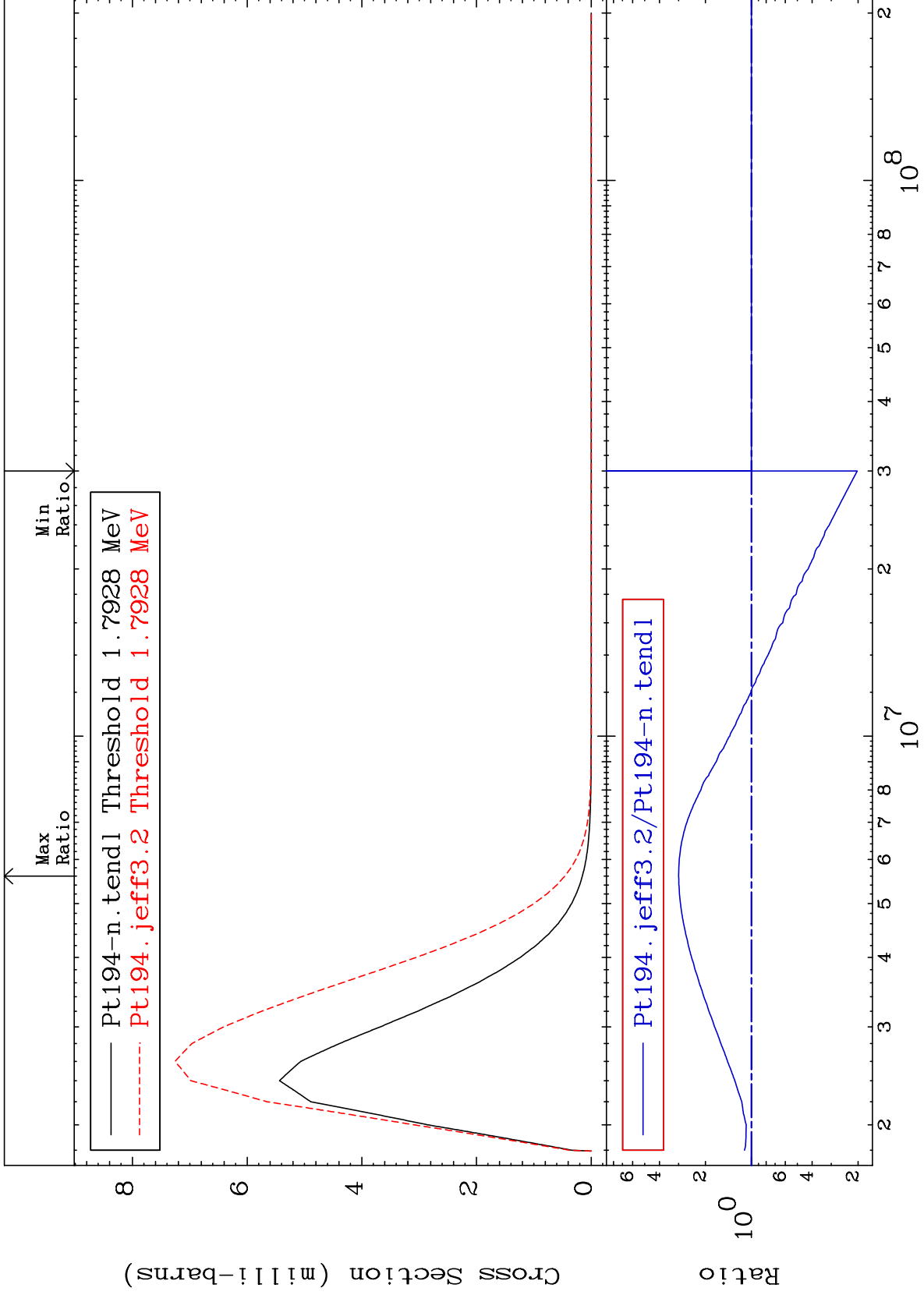
78-Pt-194
-79.80 To 195.9 %



MAT 7837

1.783 MeV (n,n') Level
Cross Section

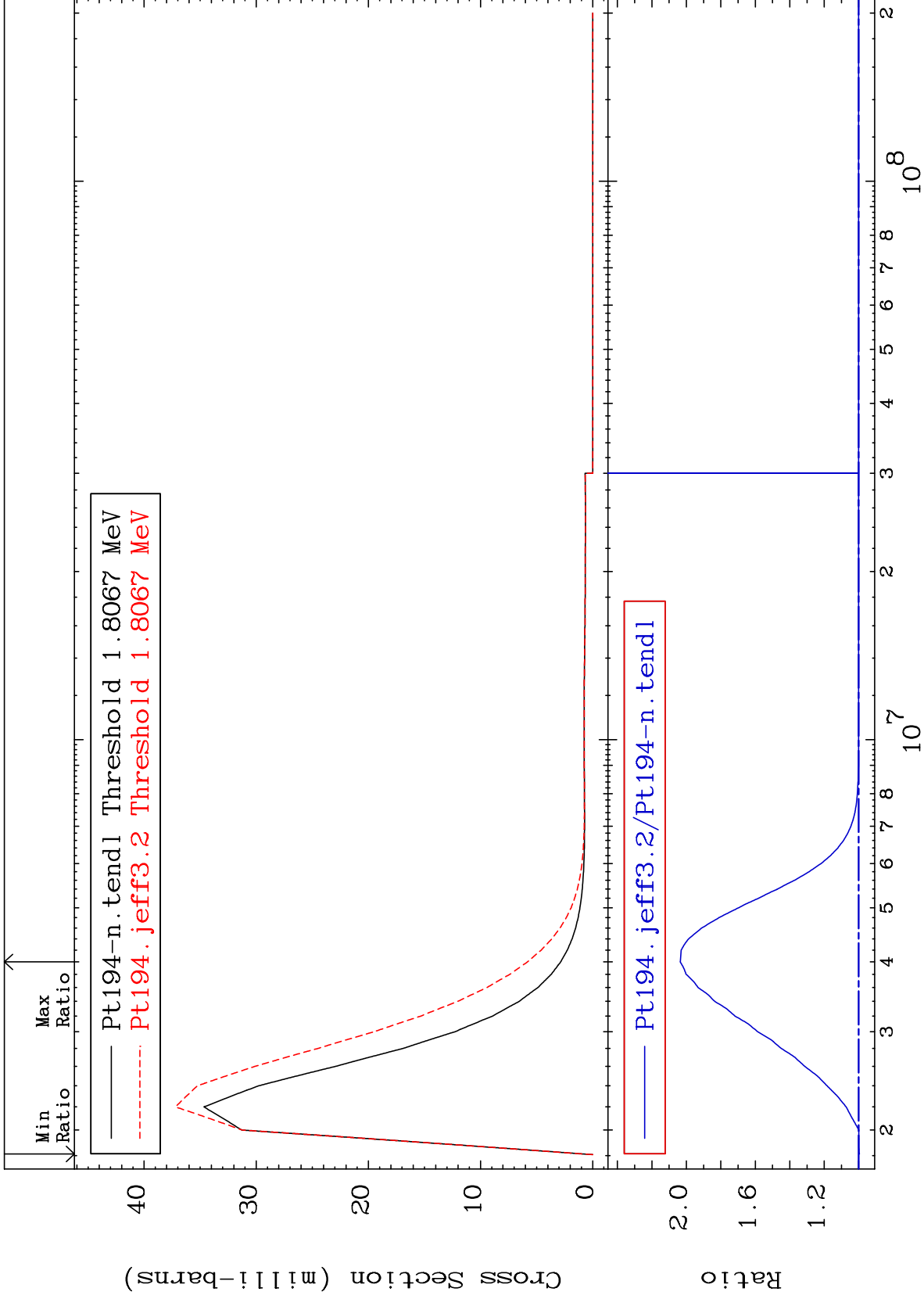
78-Pt-194
-79.73 To 199.6 %



MAT 7837

1.797 MeV (n,n') Level
Cross Section

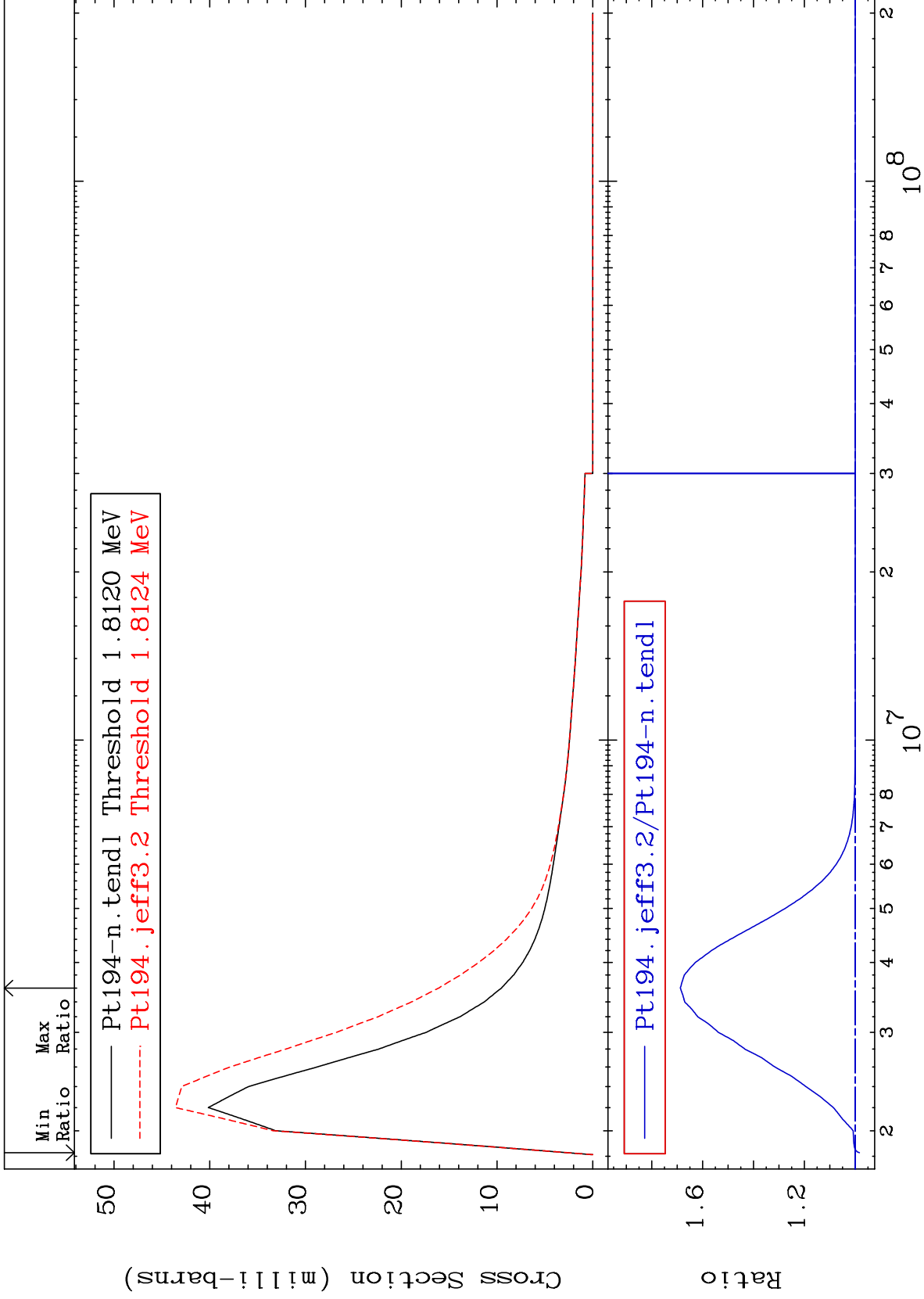
78-Pt-194
-0.431 To 103.5 %



MAT 7837

1.803 MeV (n,n') Level
Cross Section

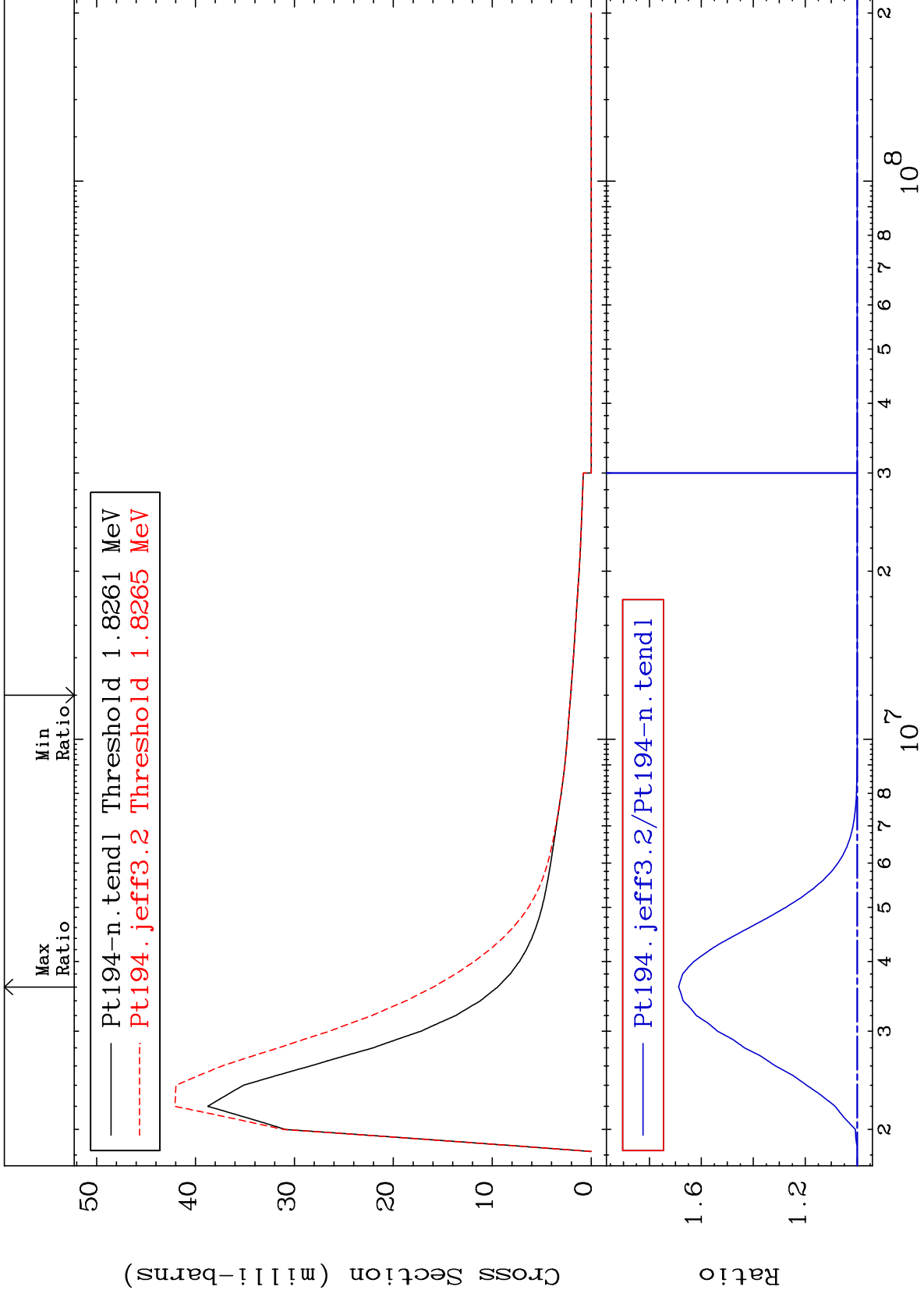
78-Pt-194
-1.653 To 68.74 %



MAT 7837

1.817 MeV (n,n') Level
Cross Section

78-Pt-194
-0.004 To 68.75 %



45

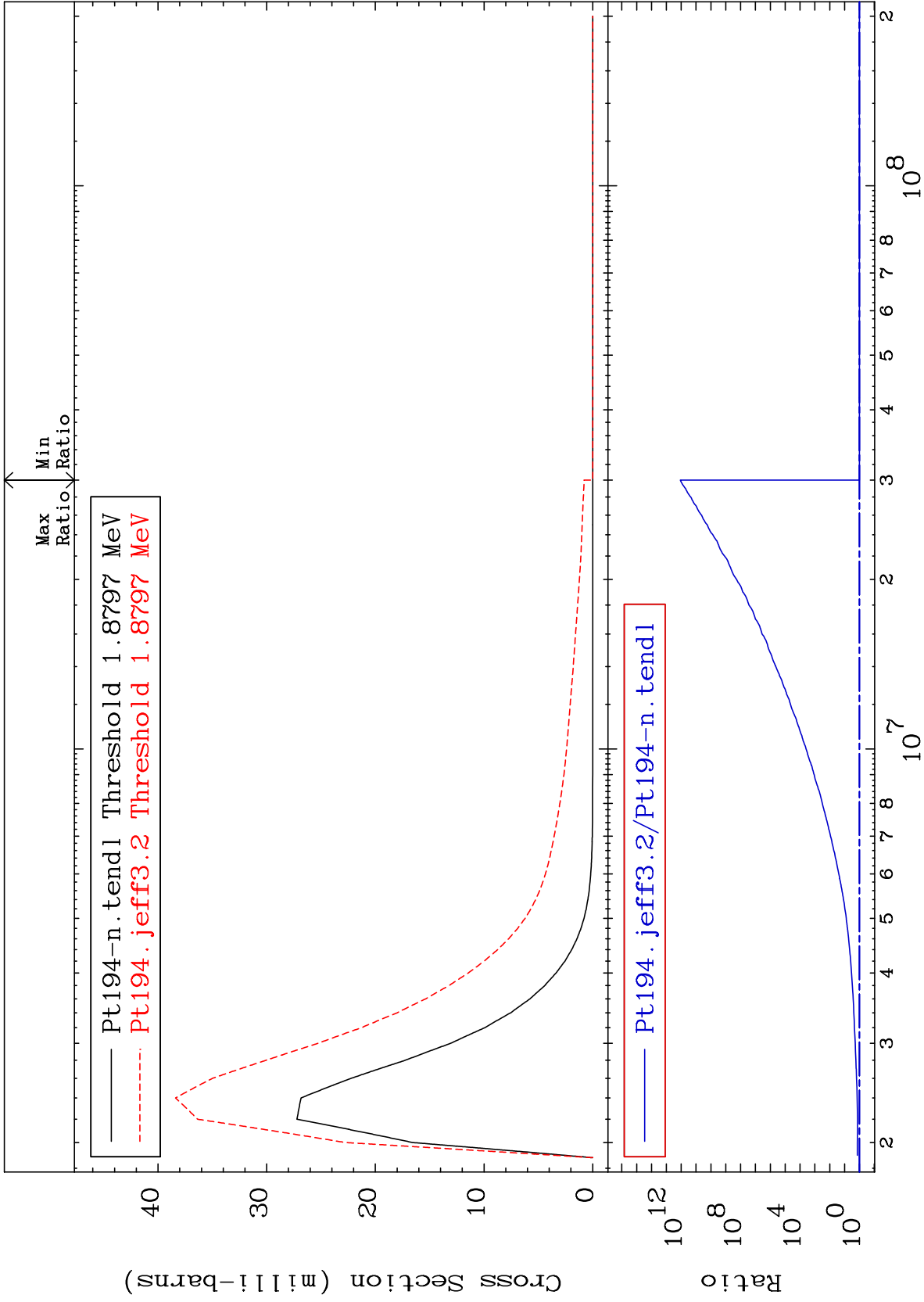
Incident Energy (eV)

78-Pt-194

MAT 7837

1.870 MeV (n,n') Level
Cross Section

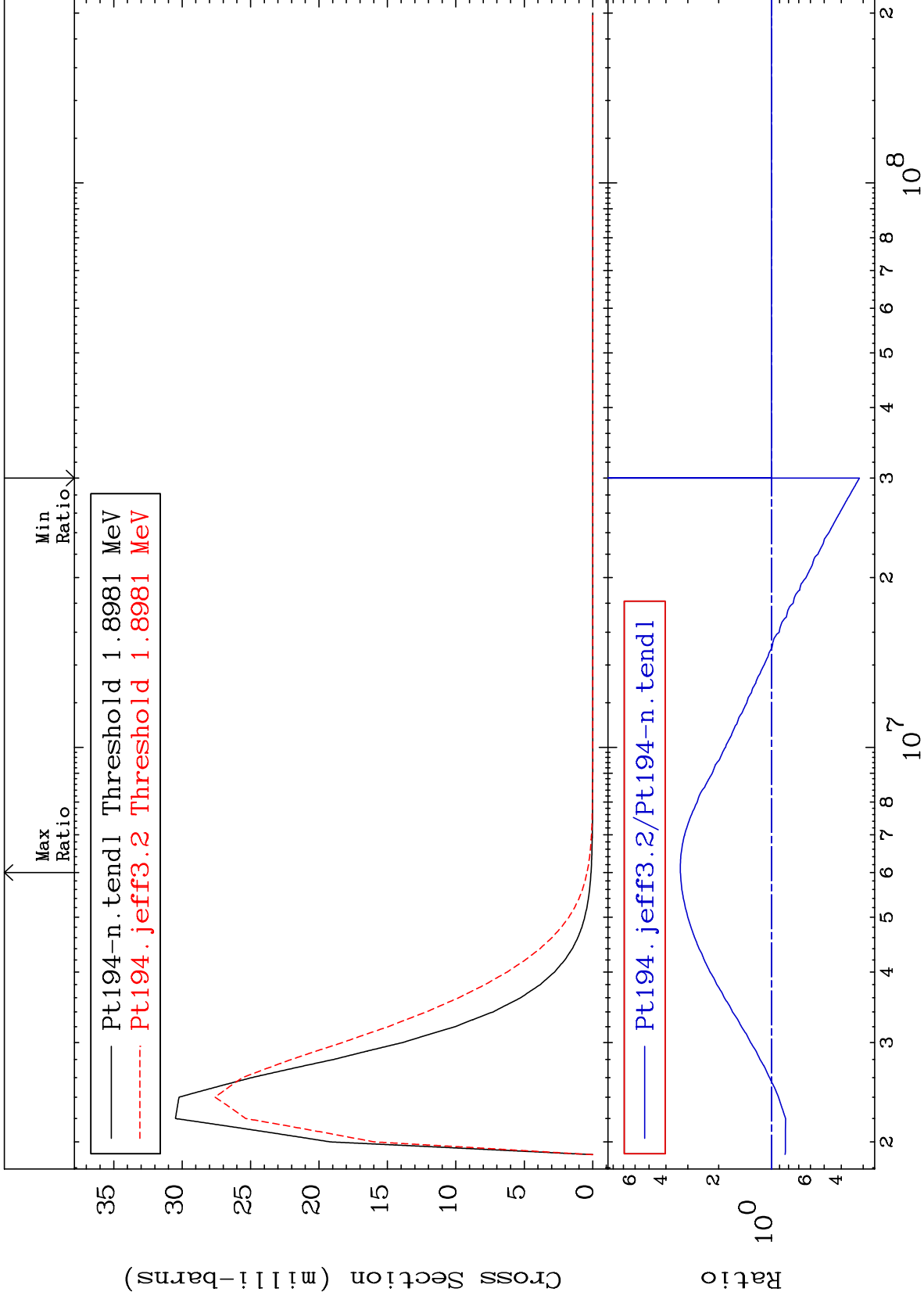
78-Pt-194
0.000 To 9999. %



MAT 7837

1.888 MeV (n,n') Level
Cross Section

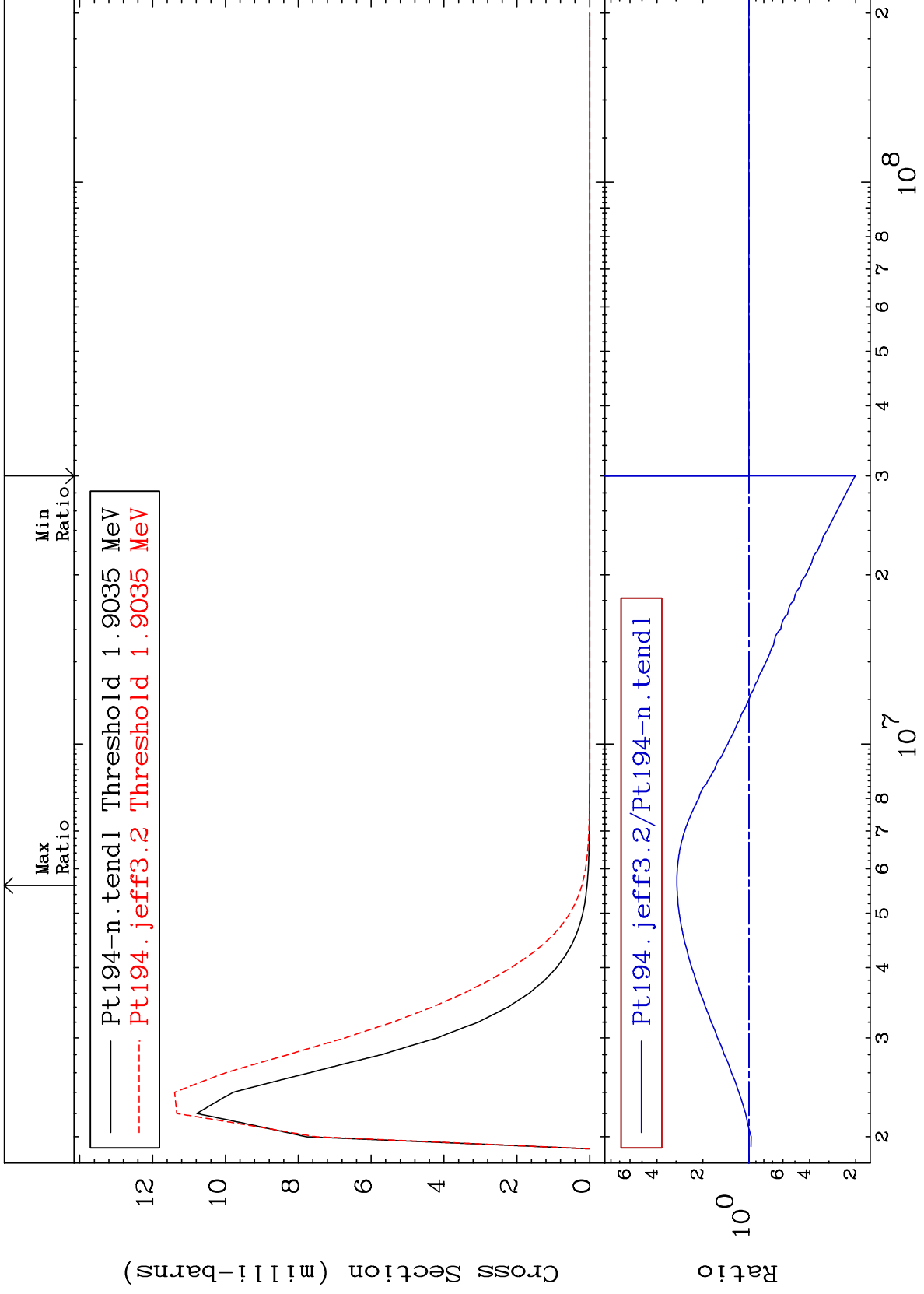
78-Pt-194
-68.49 To 231.3 %



MAT 7837

1.894 MeV (n,n') Level
Cross Section

78-Pt-194
-79.80 To 195.7 %



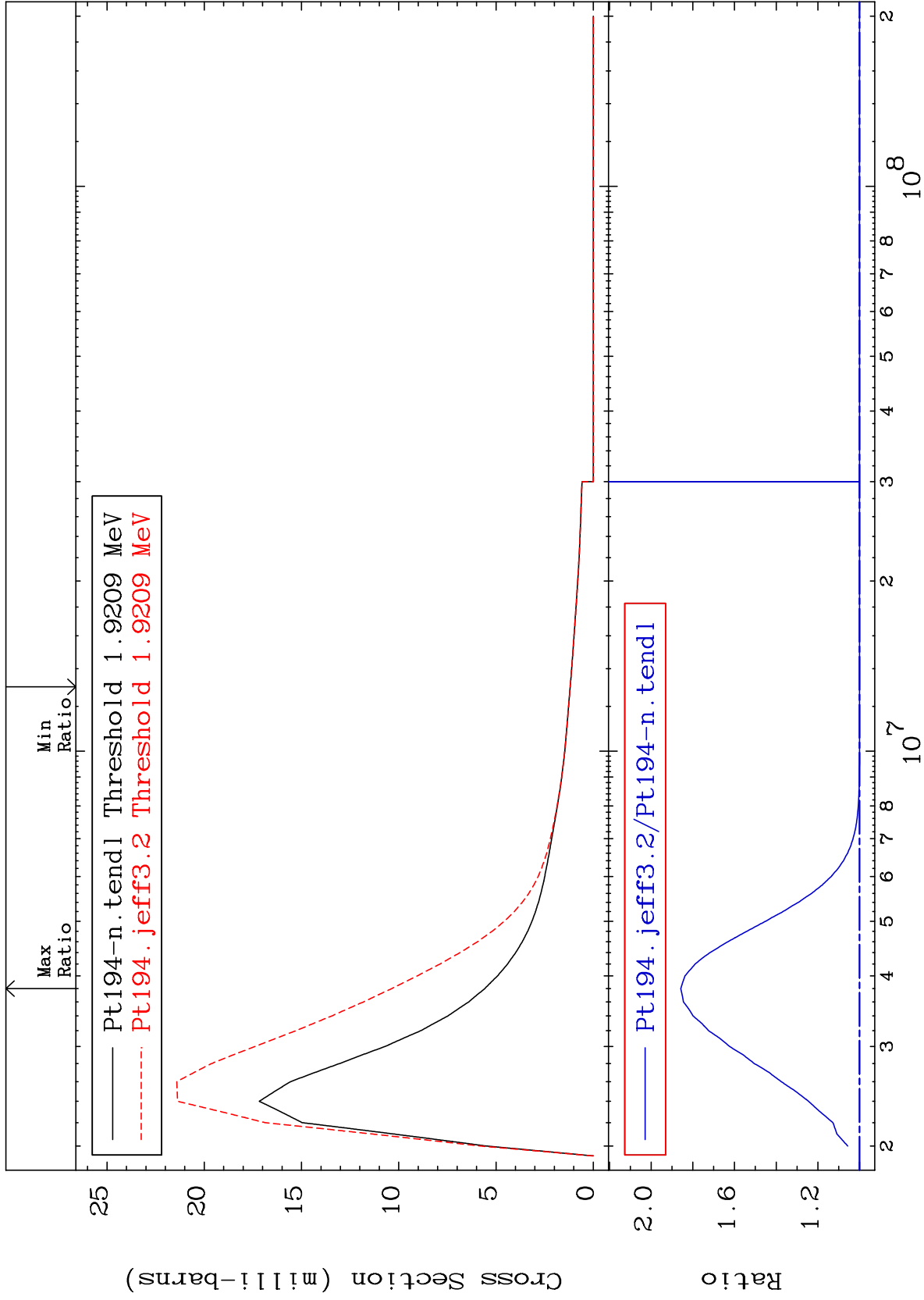
MAT 7837

1.911 MeV (n,n') Level

78-Pt-194

0.000 To 85.78 %

Cross Section



49

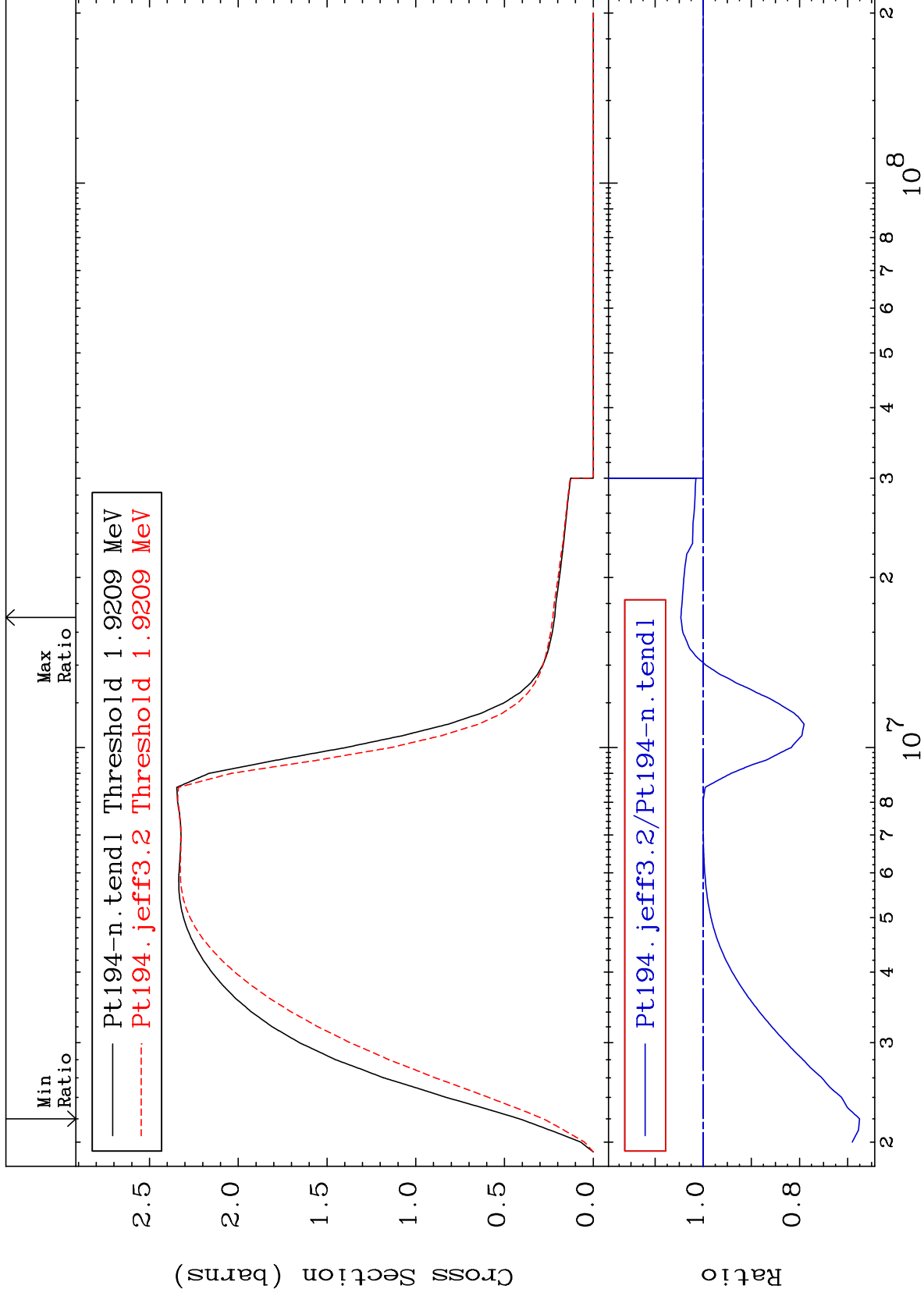
Incident Energy (eV)

78-Pt-194

MAT 7837

(n, n') Continuum
Cross Section

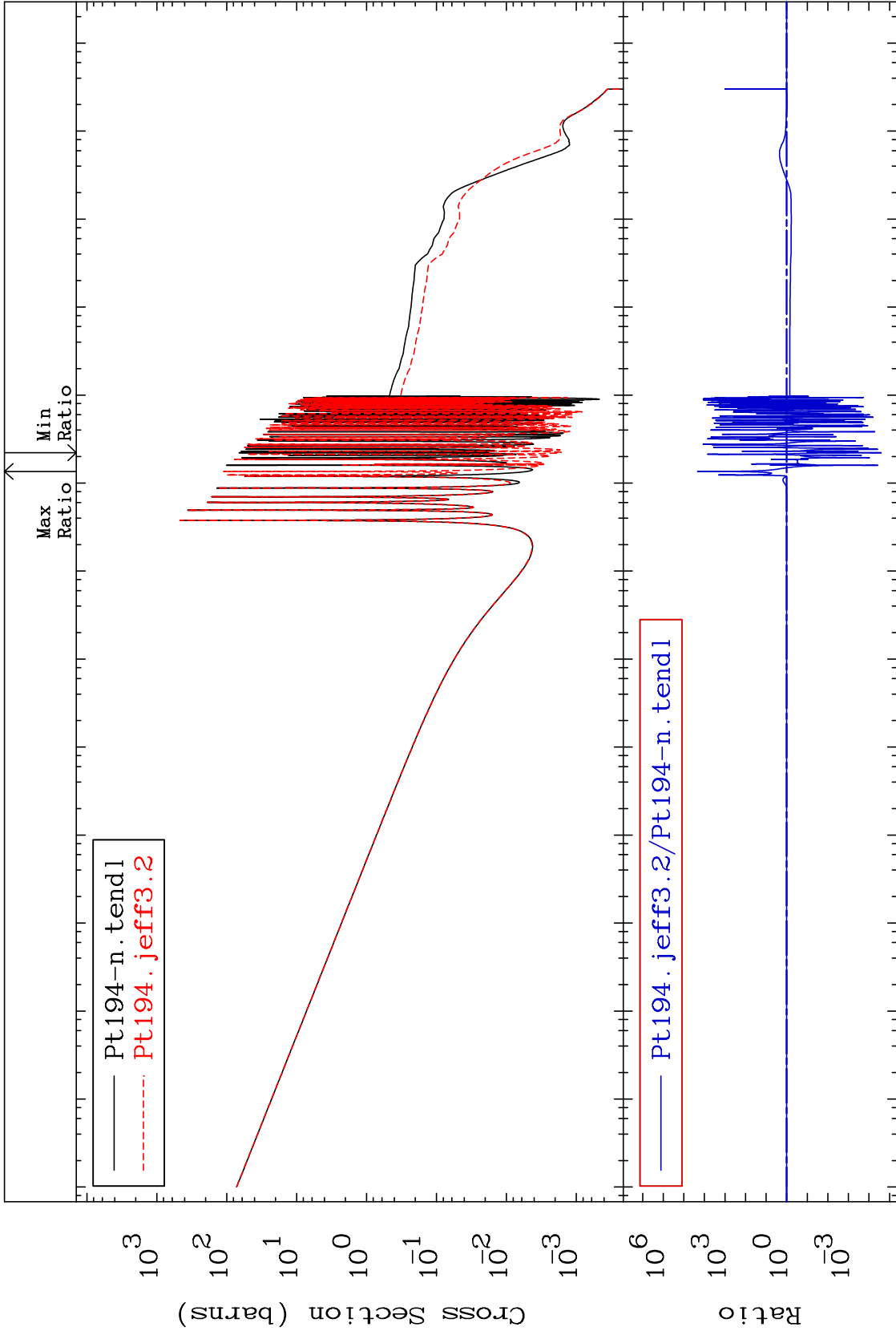
78-Pt-194
-32.47 To 4.671 %



50

Incident Energy (eV)

78-Pt-194



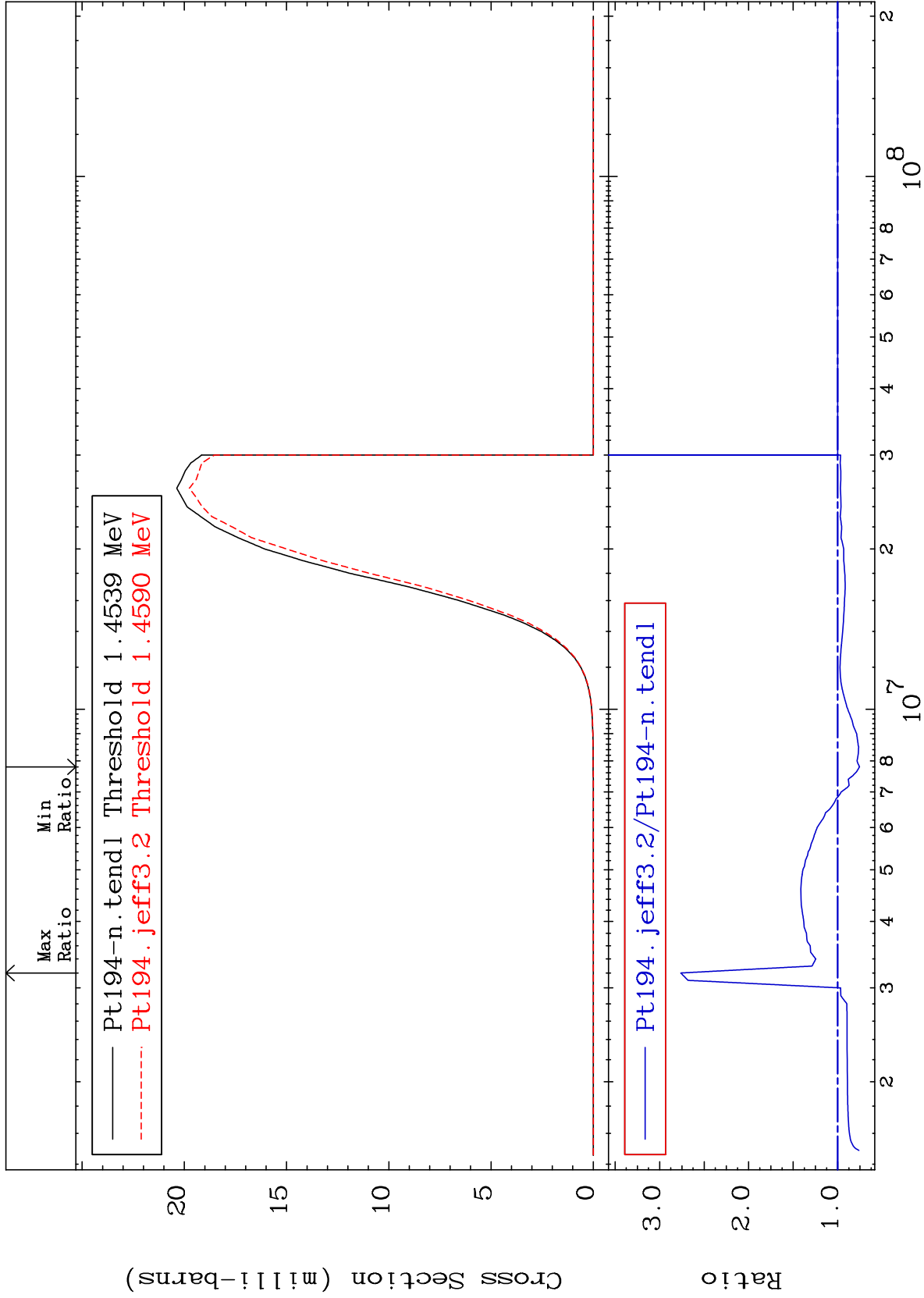
MAT 7837

(n,p)

78-Pt-194

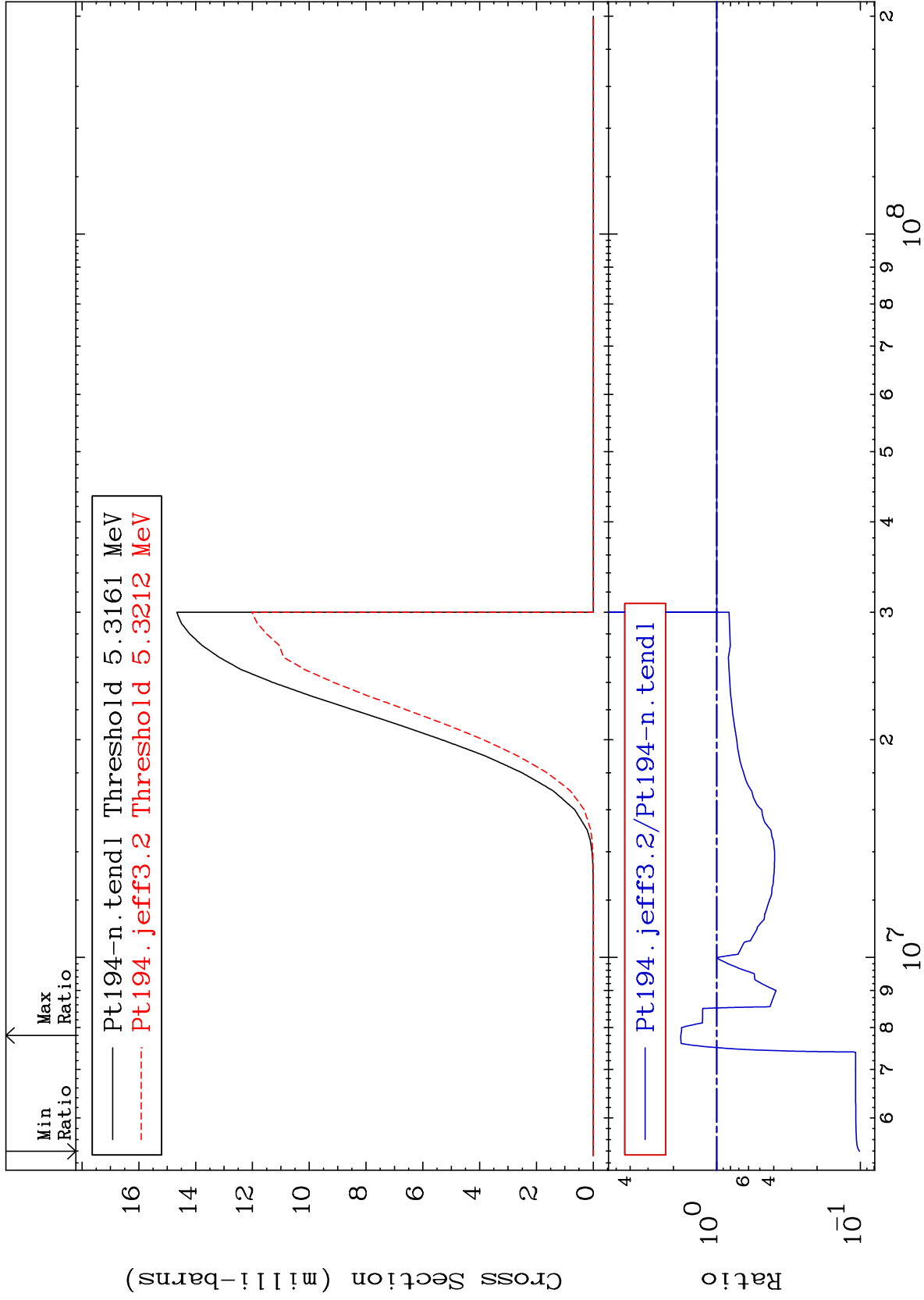
Cross Section

-24.53 To 176.3 %



Cross Section

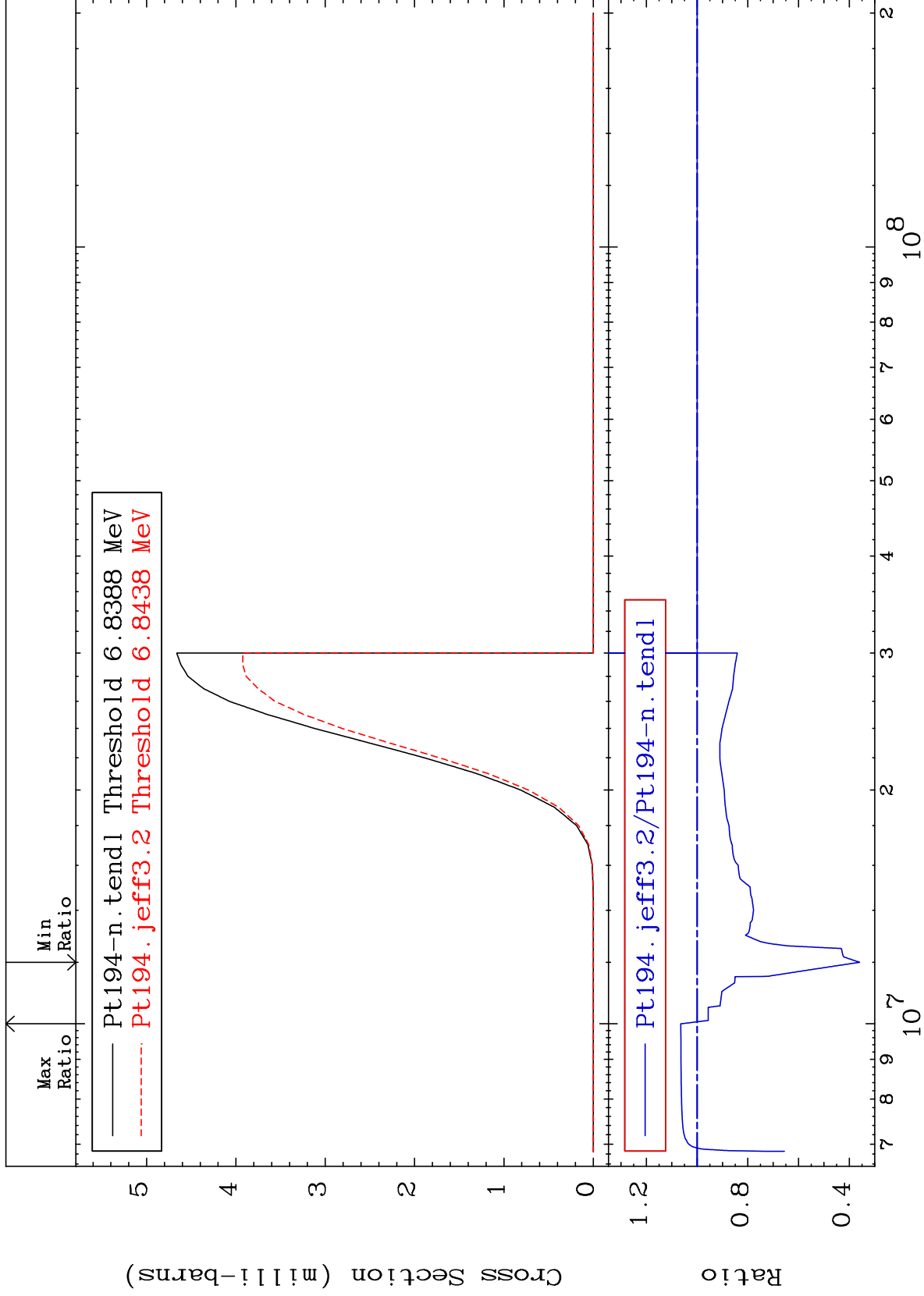
-89.88 To 77.75 %



MAT 7837

(n, t)
Cross Section

78-Pt-194
-64.04 To 6.448 %



54

78-Pt-194

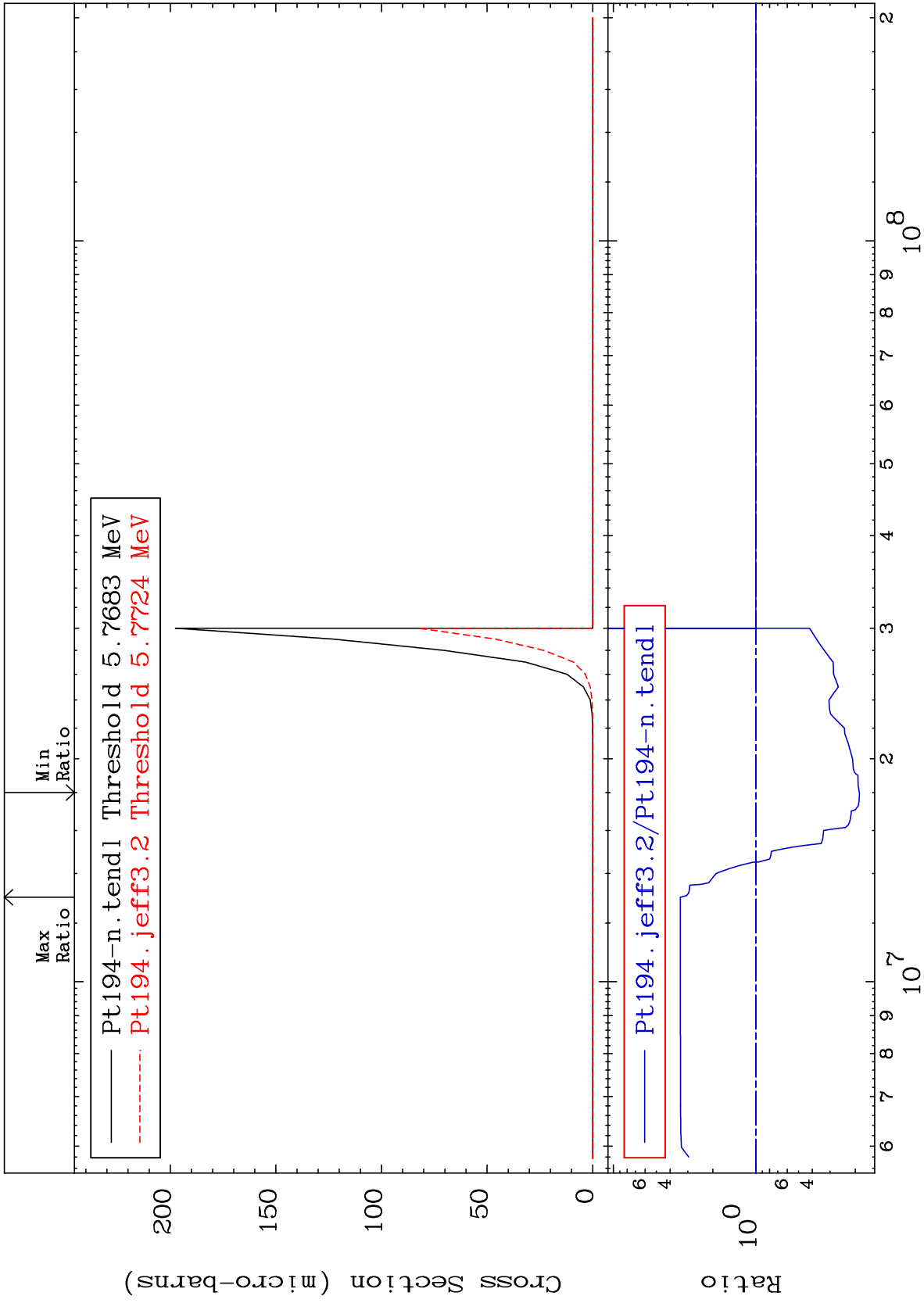
MAT 7837

(n, He-3)

78-Pt-194

Cross Section

-81.33 To 238.6 %



55

78-Pt-194

78-Pt-194

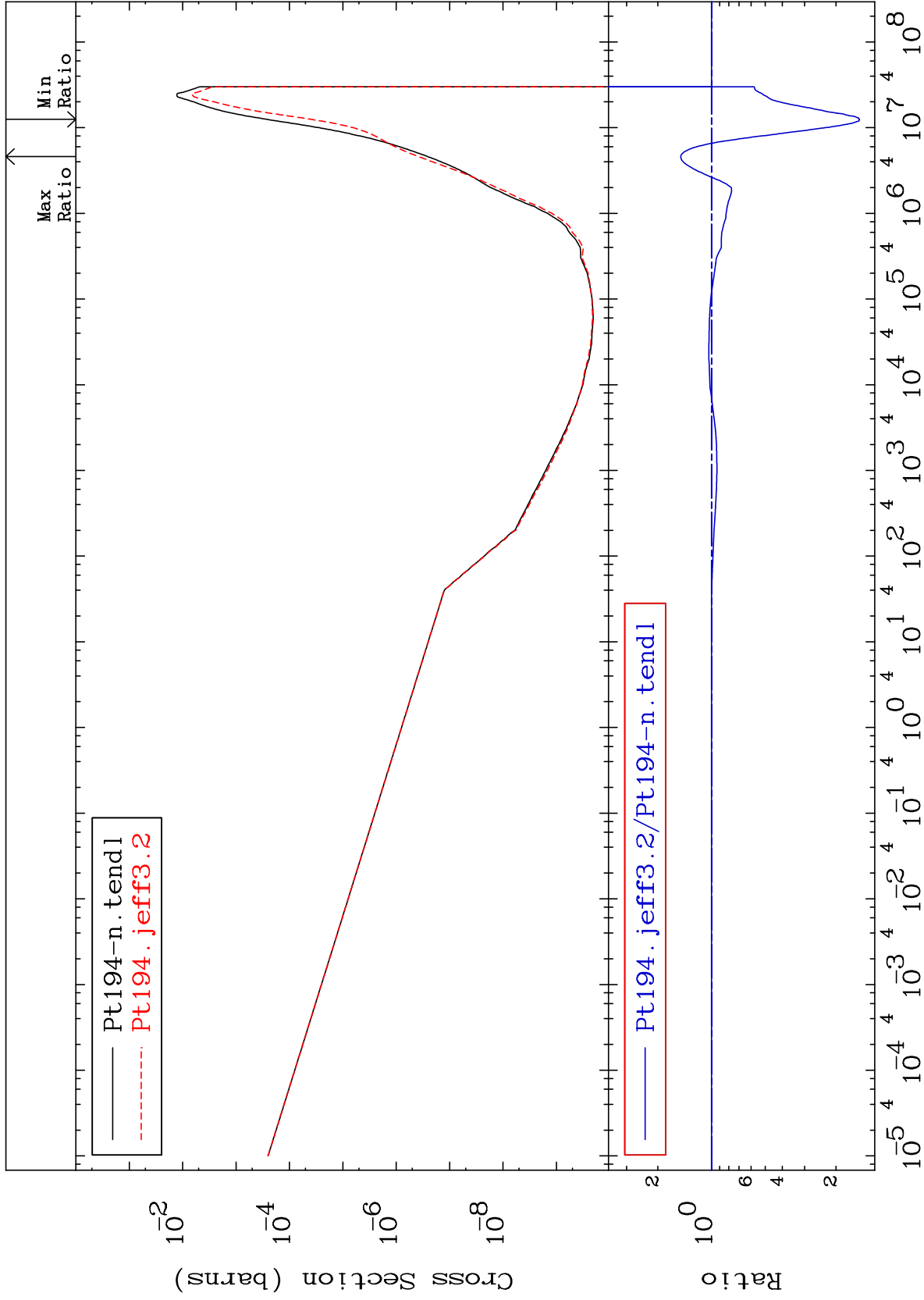
MAT 7837

(n, α)

Cross Section

78-Pt-194

-85.24 To 48.81 %

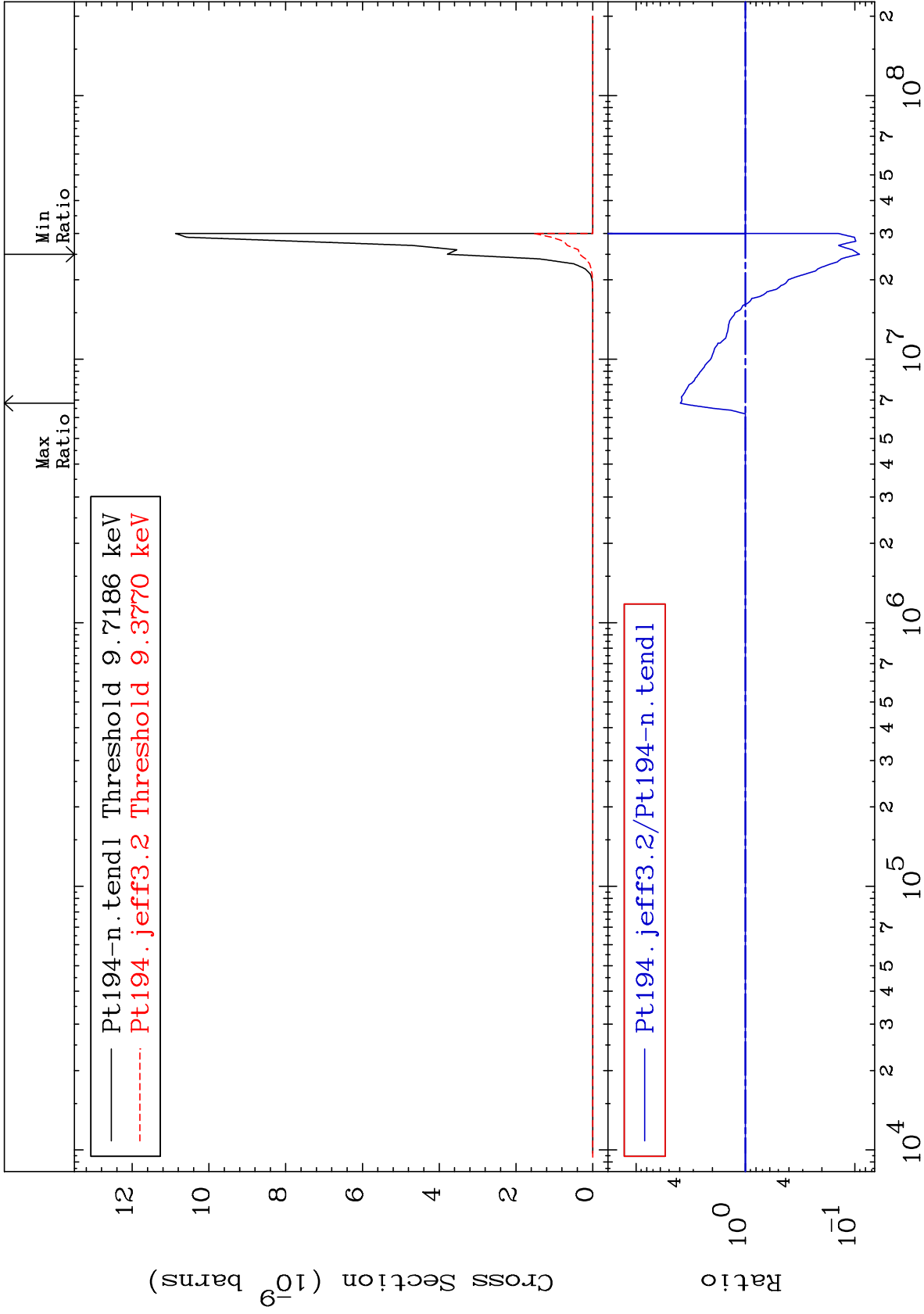


MAT 7837

(n,2α)

Cross Section

78-Pt-194
-90.92 To 293.5 %



57

Incident Energy (eV)

78-Pt-194

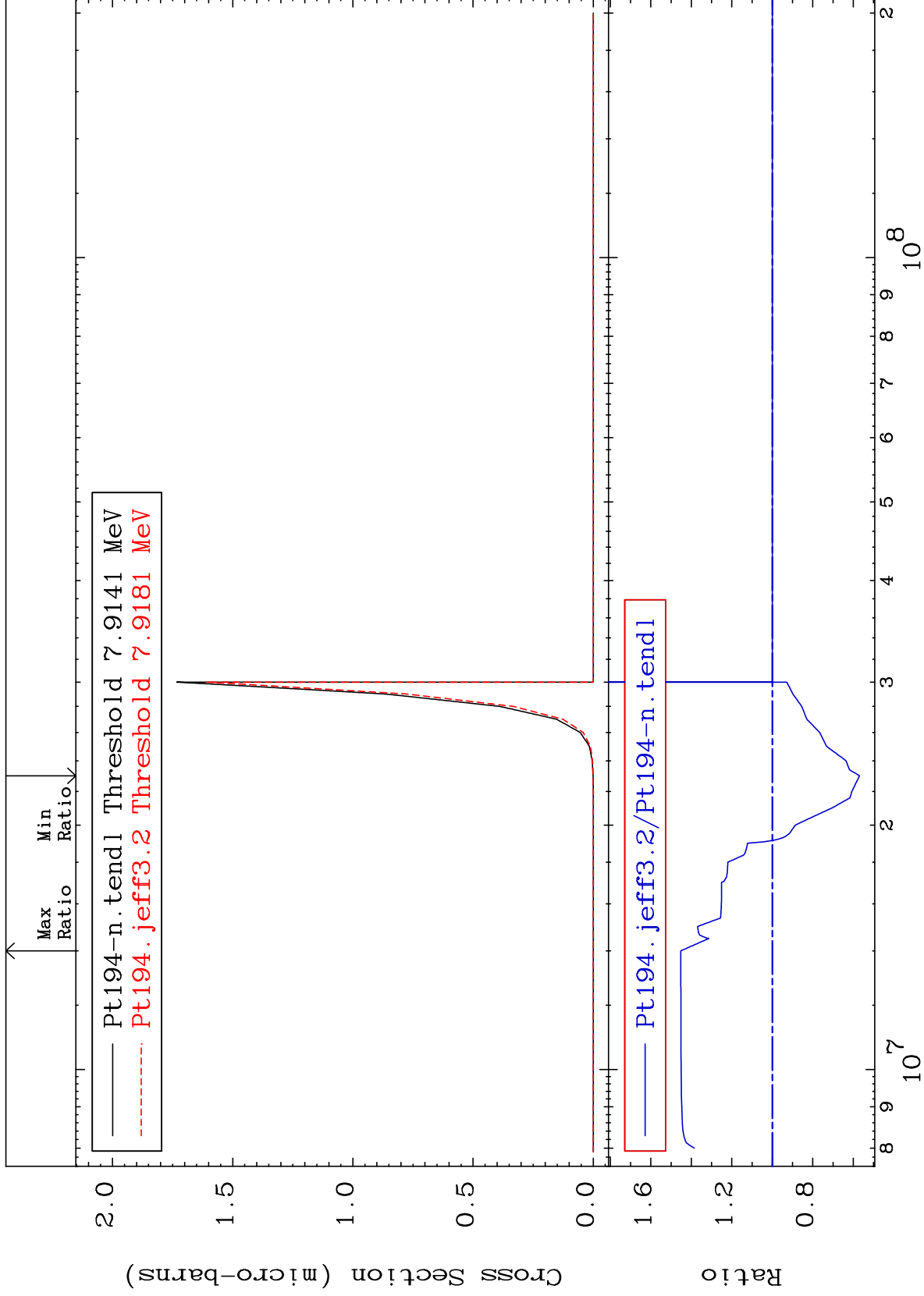
MAT 7837

(n,2p)

78-Pt-194

Cross Section

-43.10 To 45.22 %



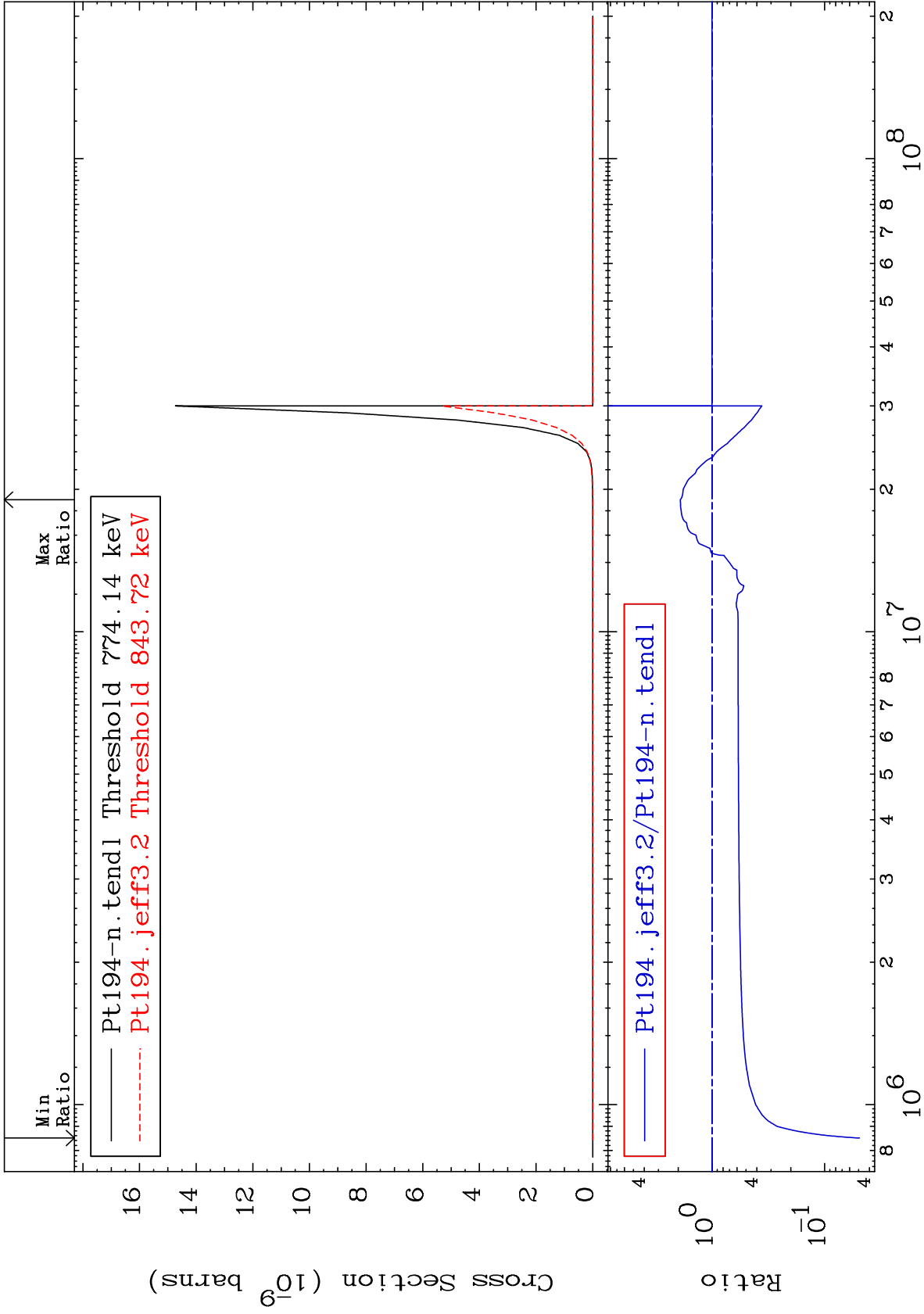
58

78-Pt-194

MAT 7837

(n, p) α
Cross Section

78-Pt-194
-95.09 To 91.25 %



59

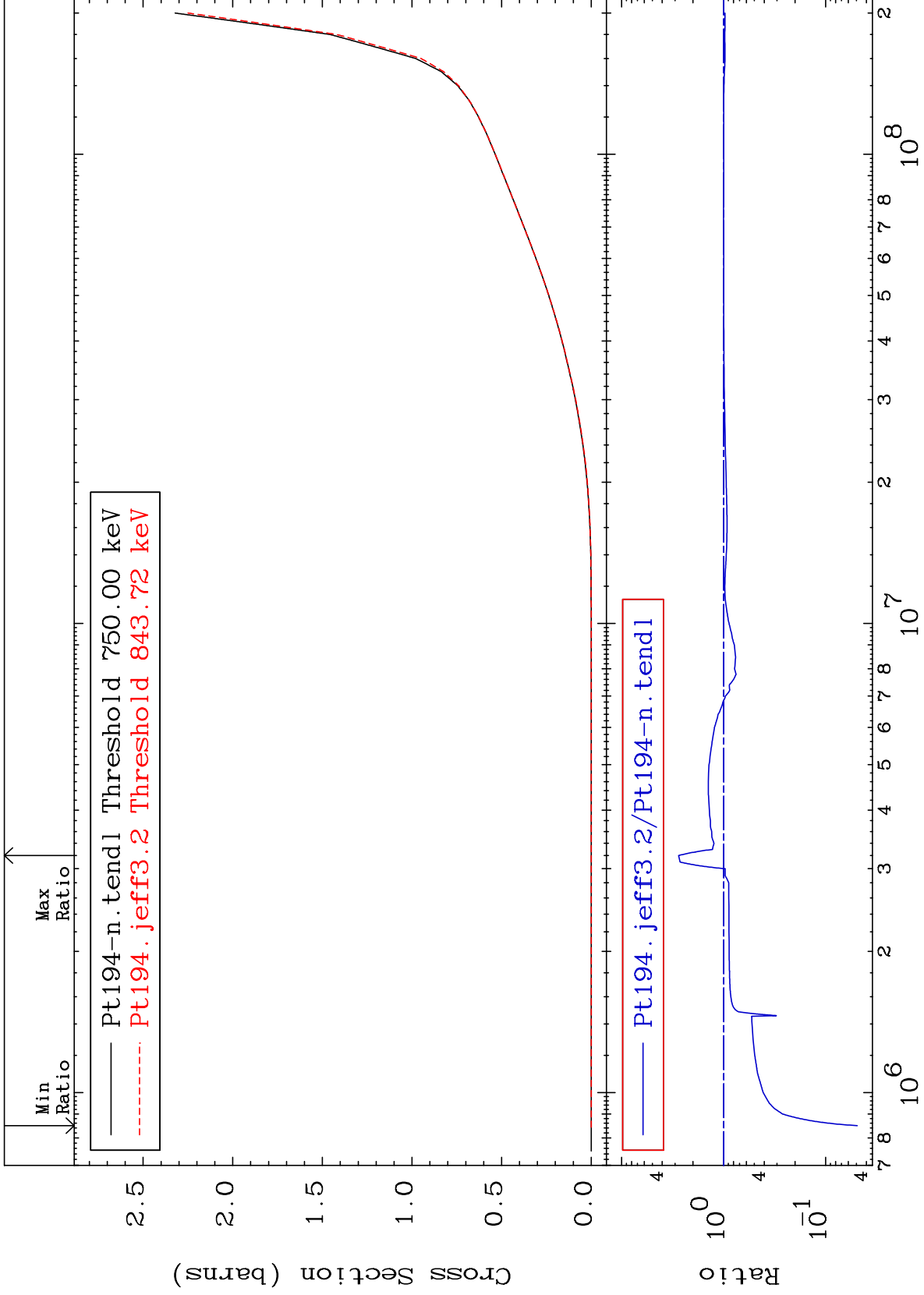
Incident Energy (eV)

78-Pt-194

MAT 7837

Hydrogen Production Cross Section

78-Pt-194
-95.09 To 176.3 %



60

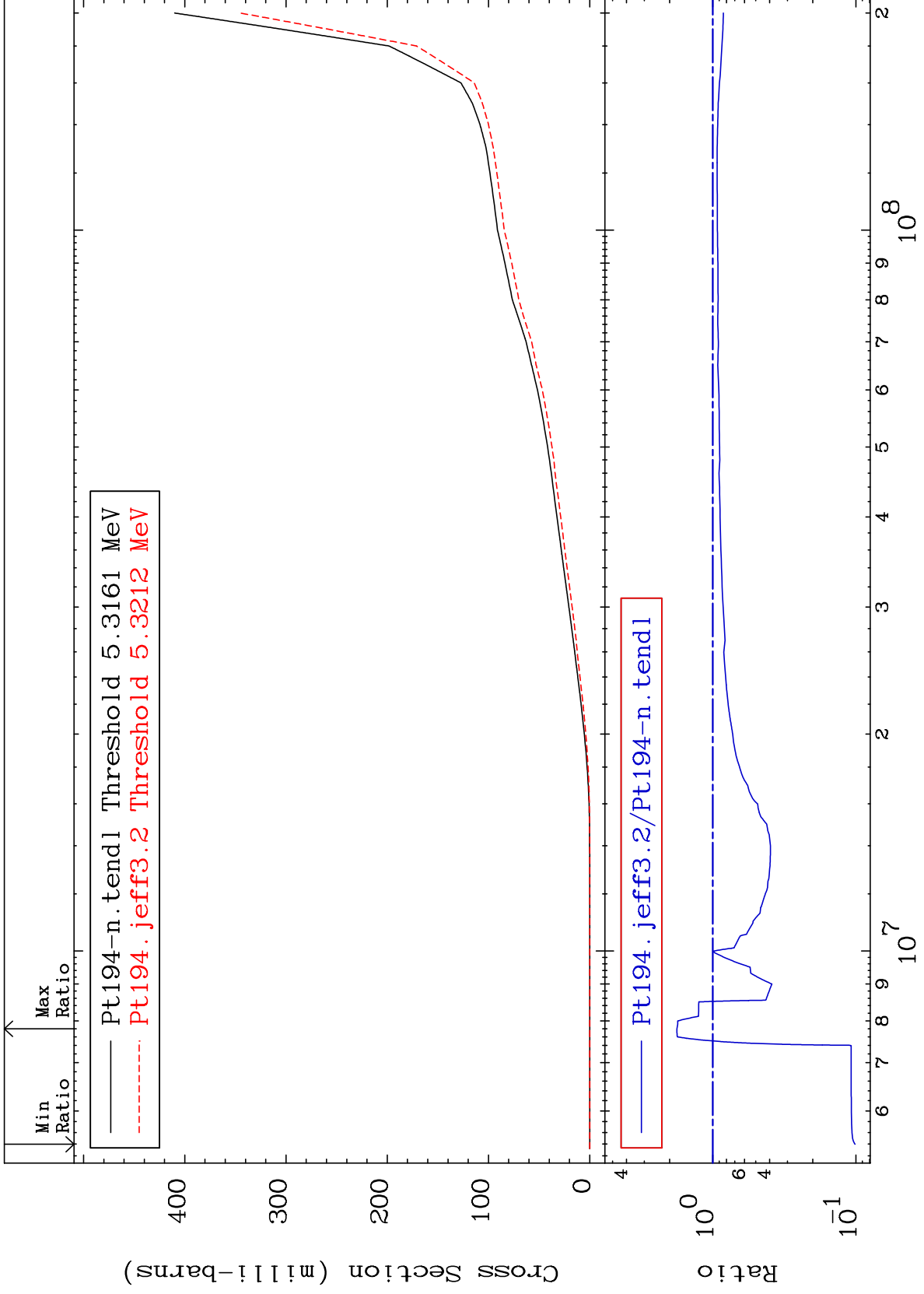
Incident Energy (eV)

78-Pt-194

MAT 7837

Deuterium Production
Cross Section

78-Pt-194
-89.88 To 77.75 %



61

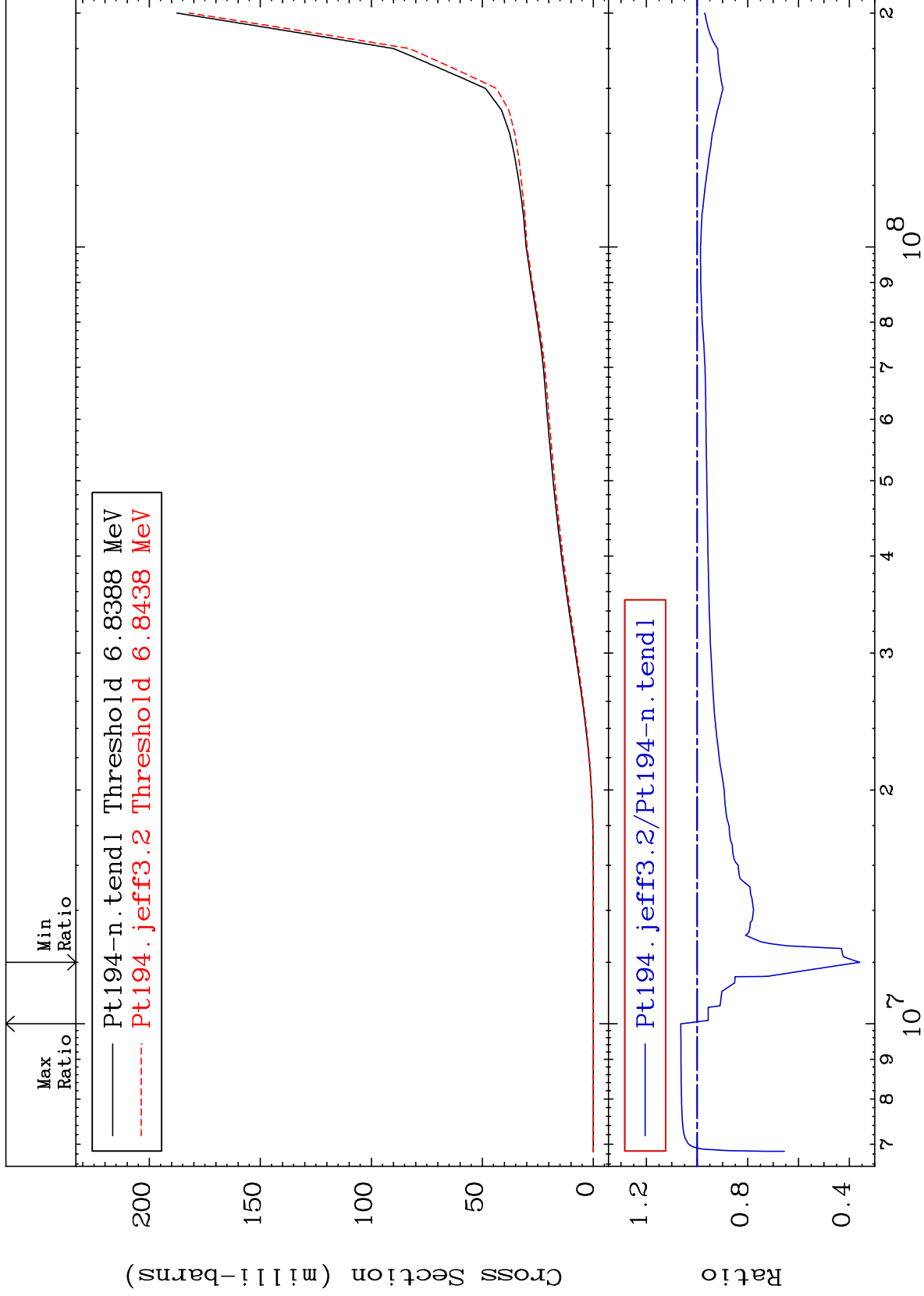
Incident Energy (eV)

78-Pt-194

MAT 7837

Tritium Production
Cross Section

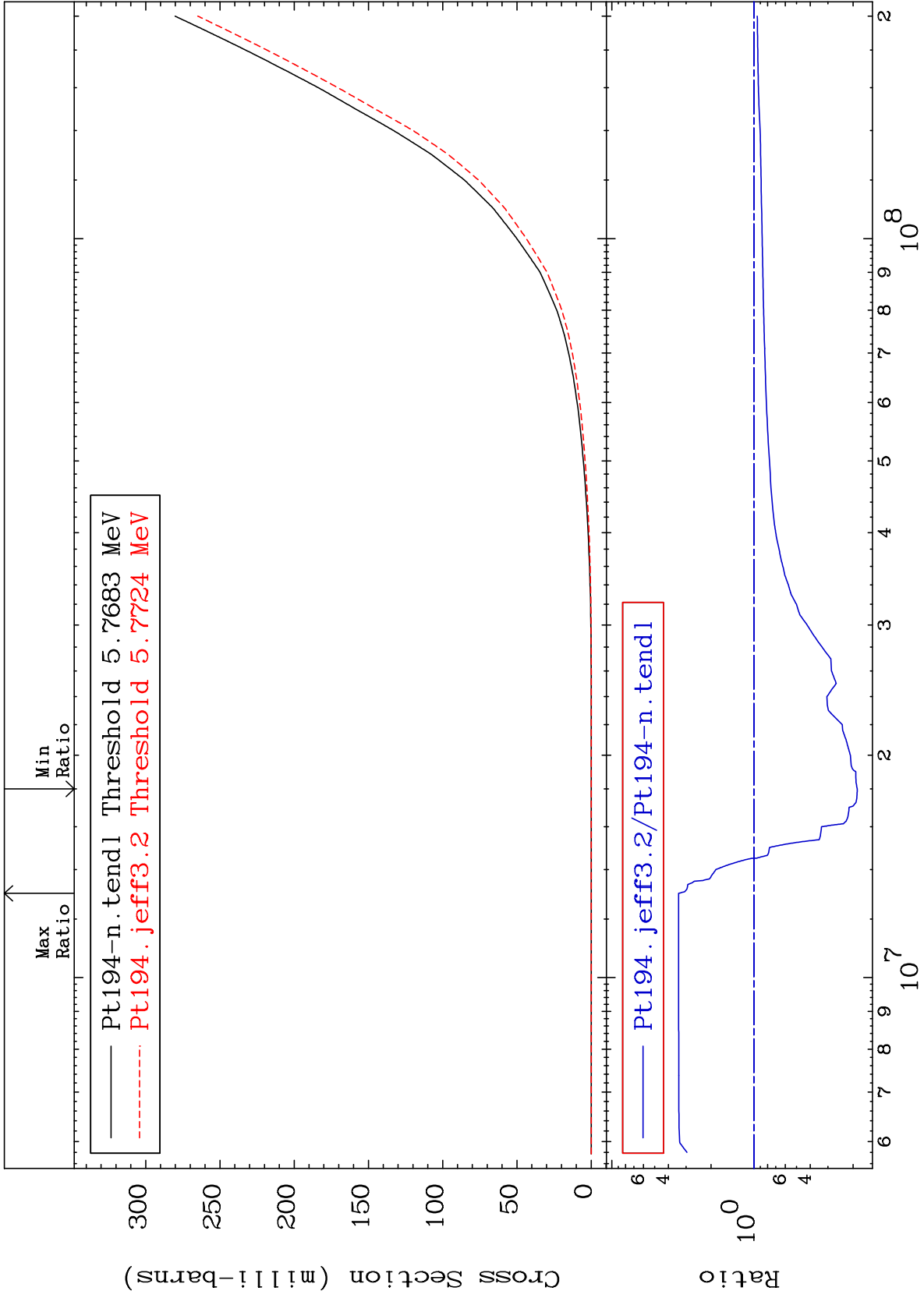
⁷⁸Pt-194
-64.04 To 6.448 %



MAT 7837

He-3 Production
Cross Section

78-Pt-194
-81.33 To 238.6 %



63

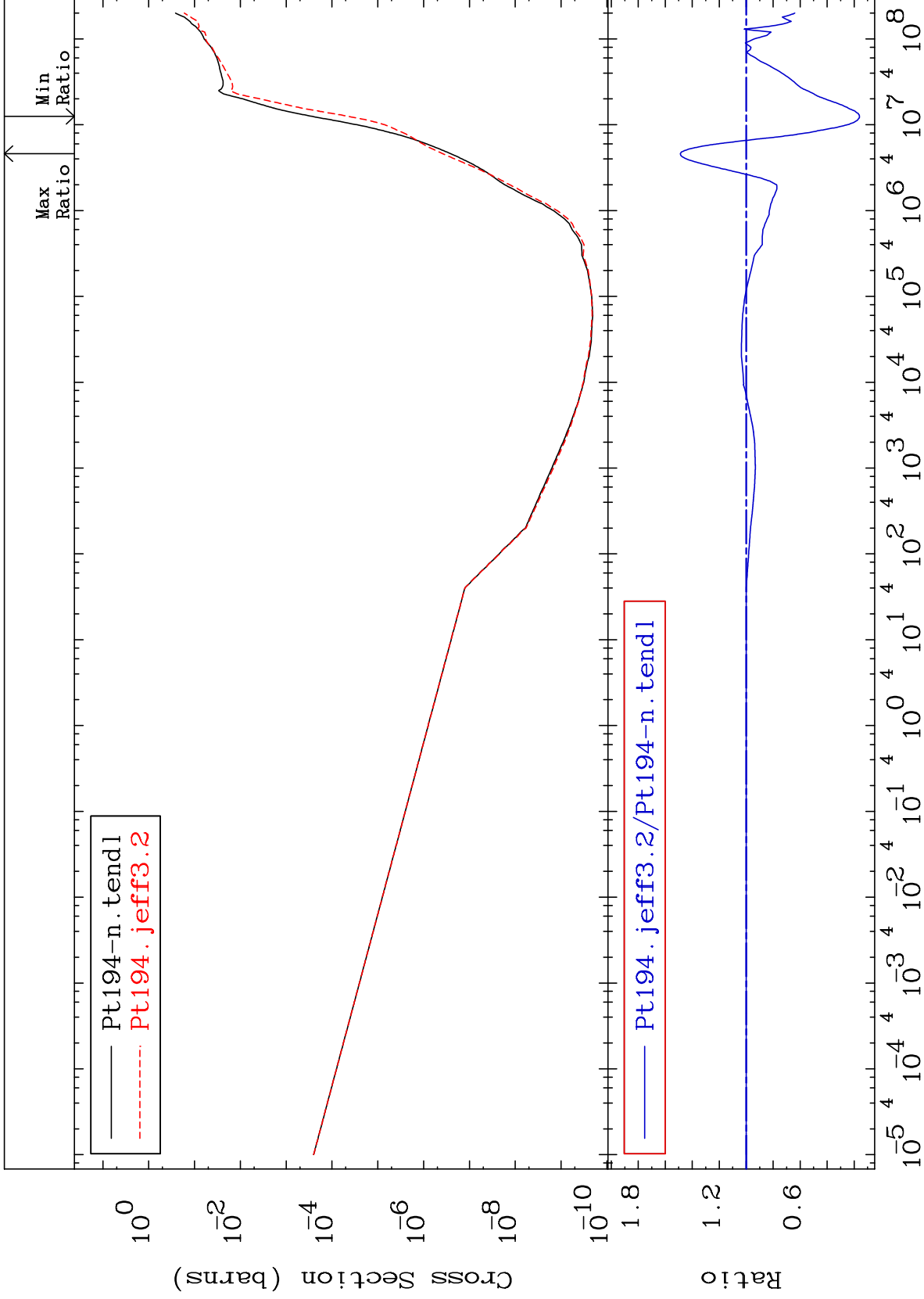
Incident Energy (eV)

78-Pt-194

MAT 7837

He-4 Production
Cross Section

78-Pt-194
-83.93 To 48.81 %



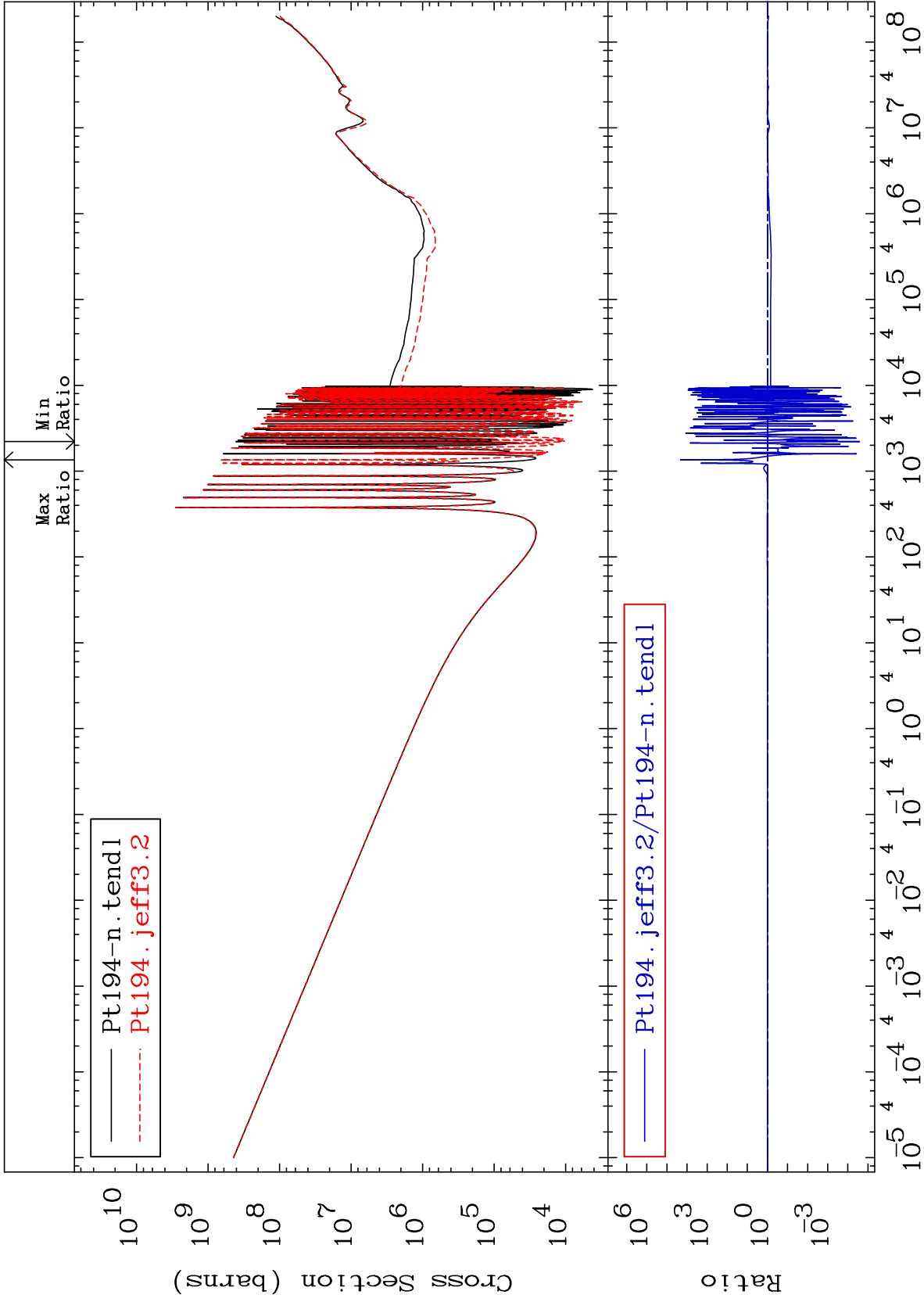
64

Incident Energy (eV)

78-Pt-194

Cross Section

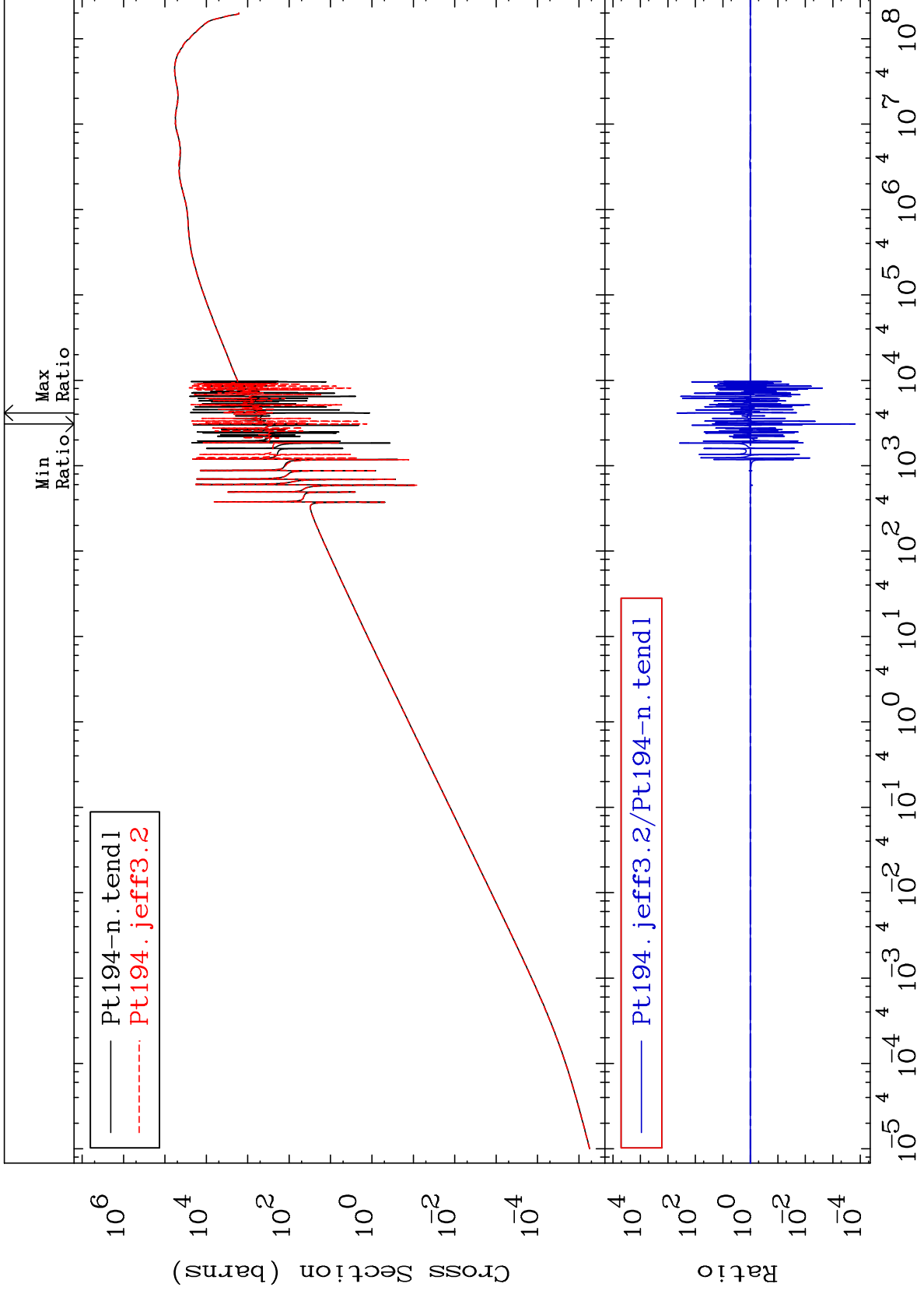
-100.0 To 9999. %



MAT 7837

Kerma elastic
Cross Section

78-Pt-194
-99.98 To 9999. %



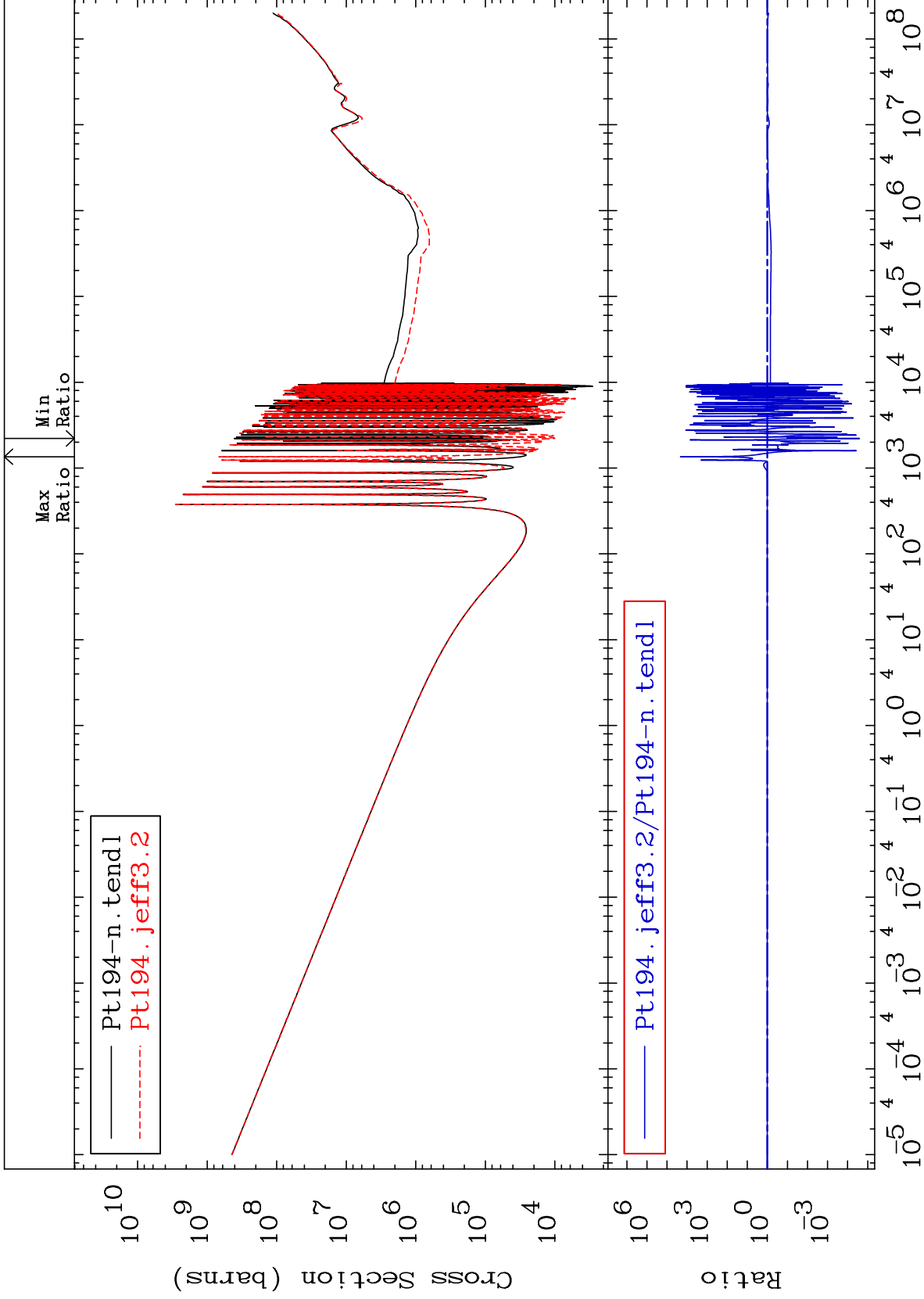
66

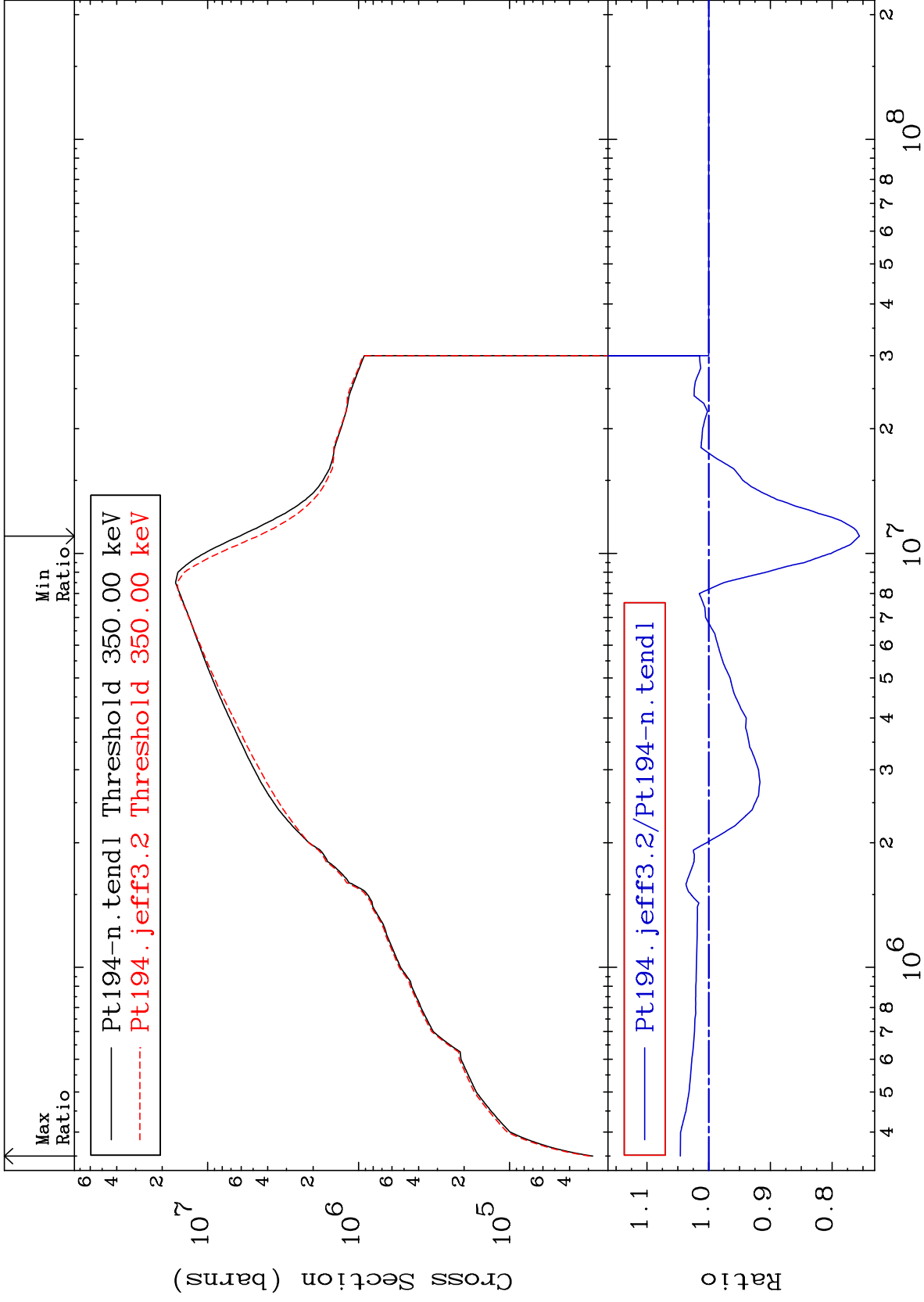
Incident Energy (eV)

78-Pt-194

Cross Section

-100.0 To 9999. %

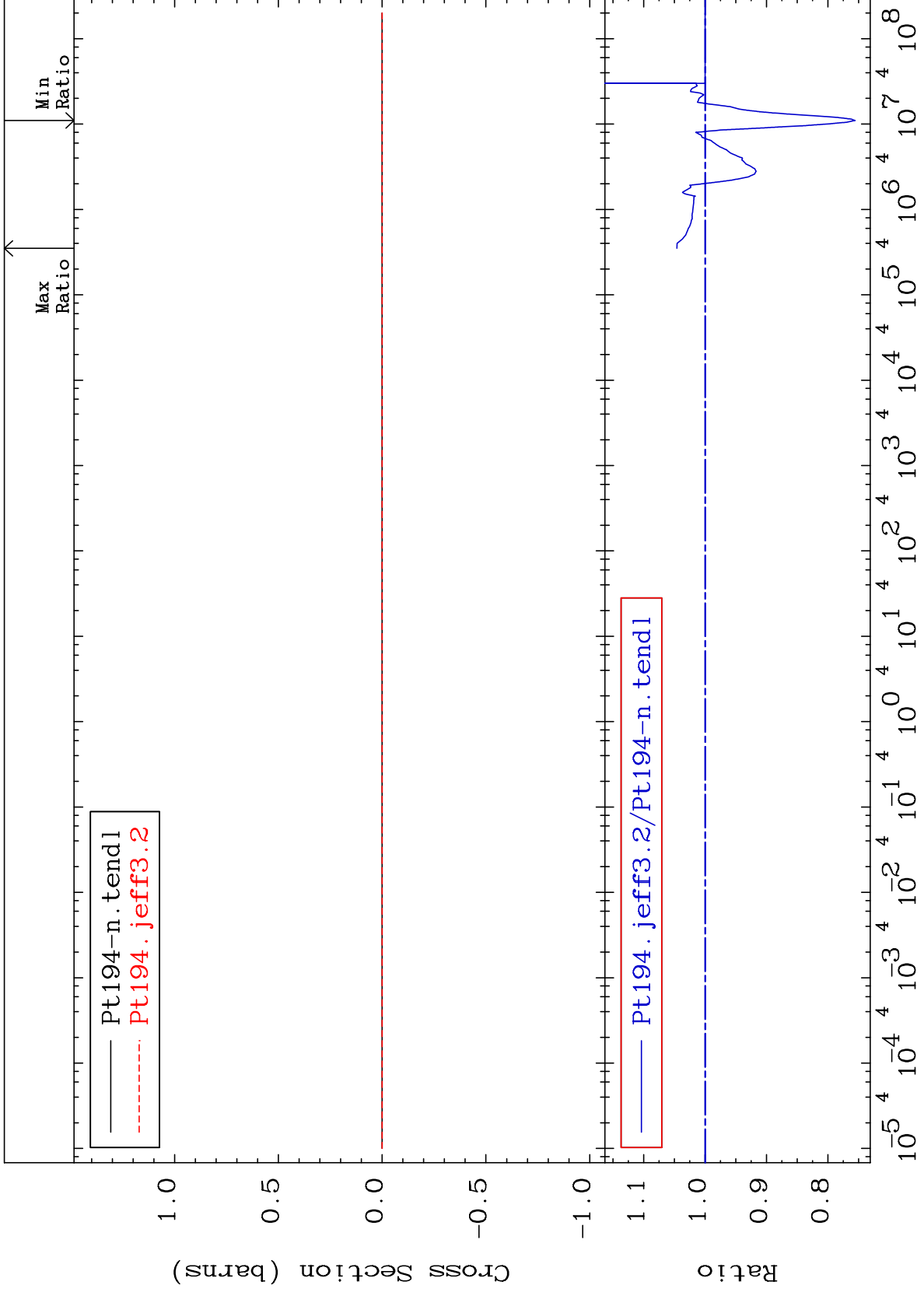




MAT 7837

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

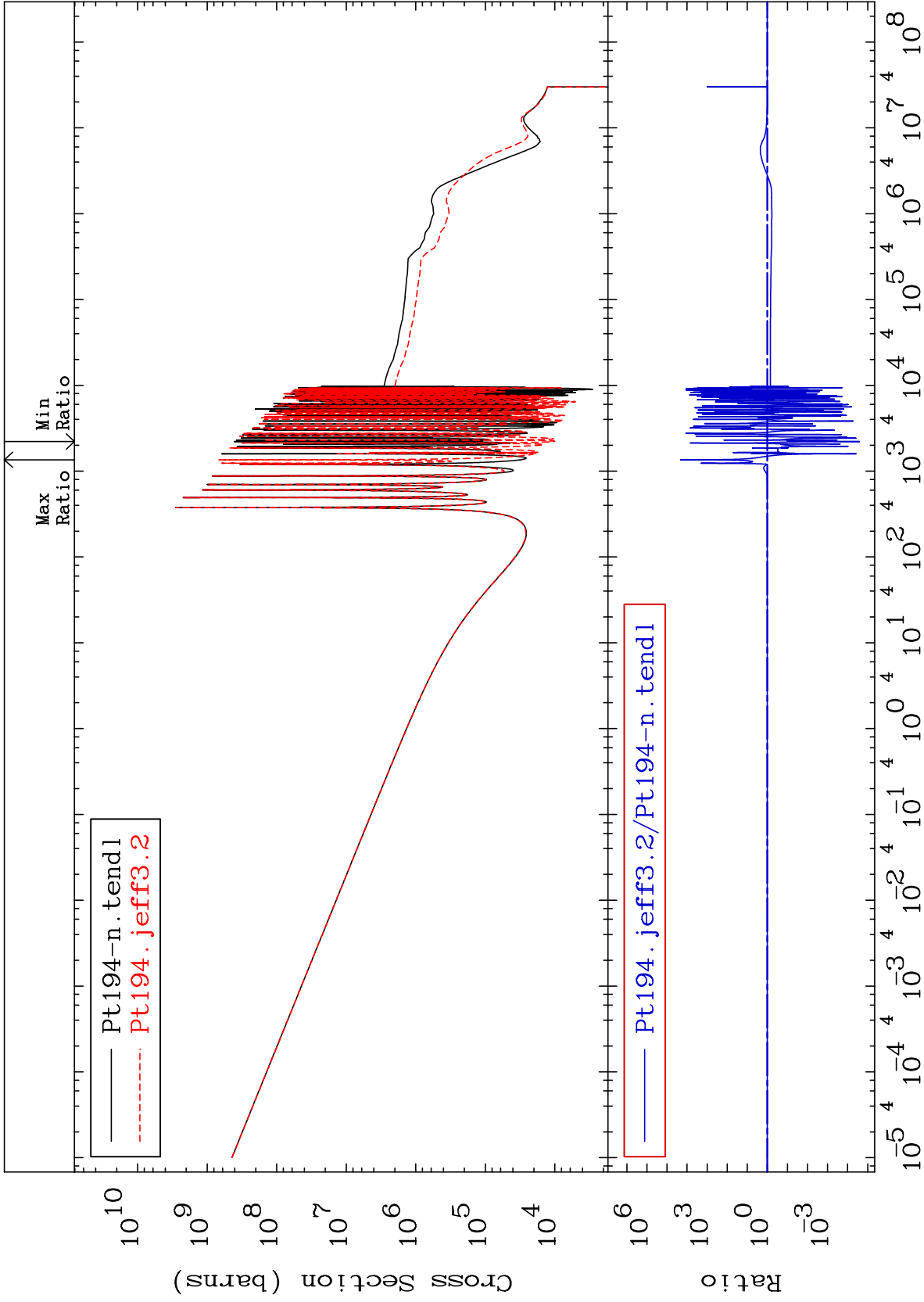
78-Pt-194
-24.42 To 4.594 %



MAT 7837

Kerma capture (mt102)
Cross Section

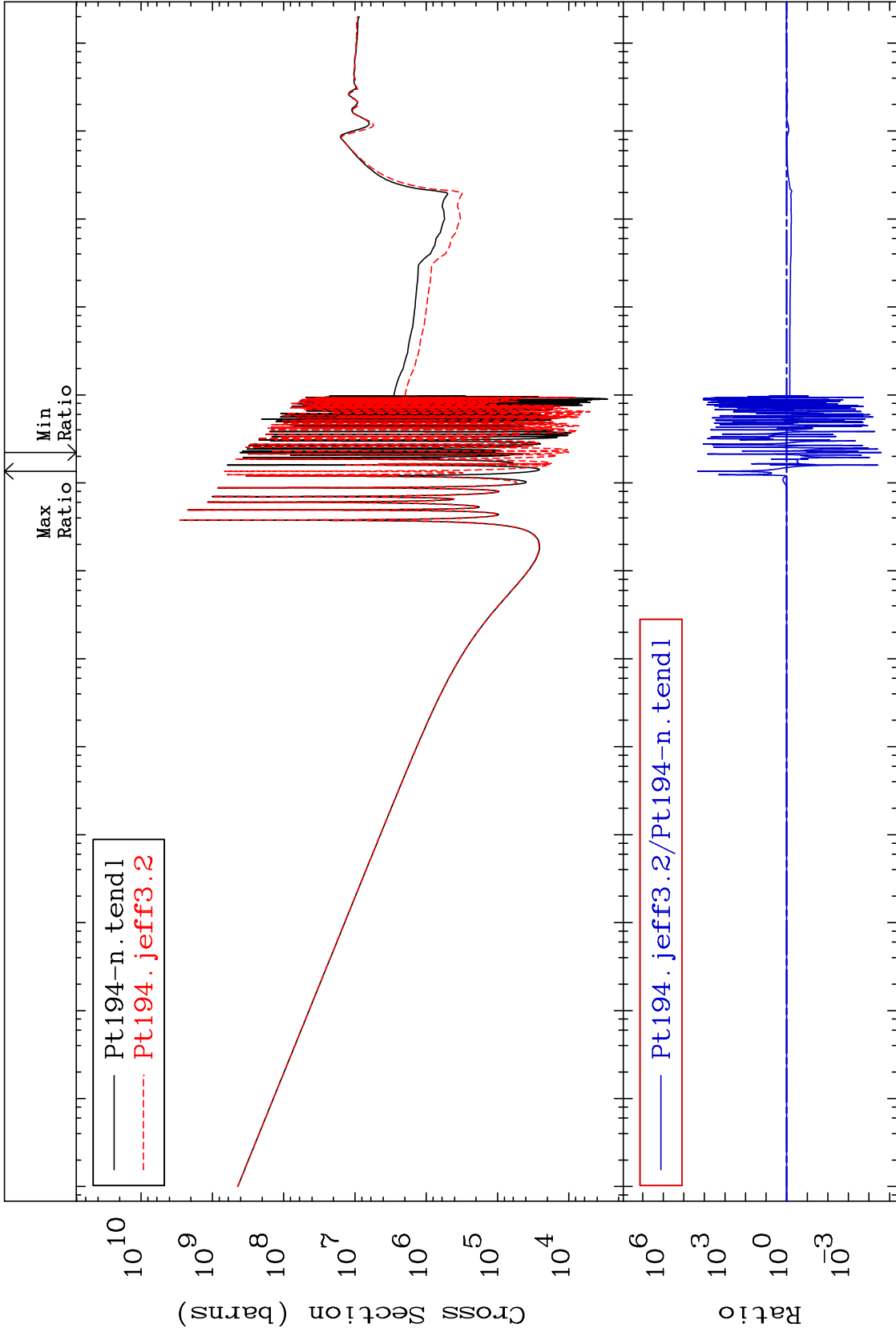
78-Pt-194
-100.0 To 9999. %

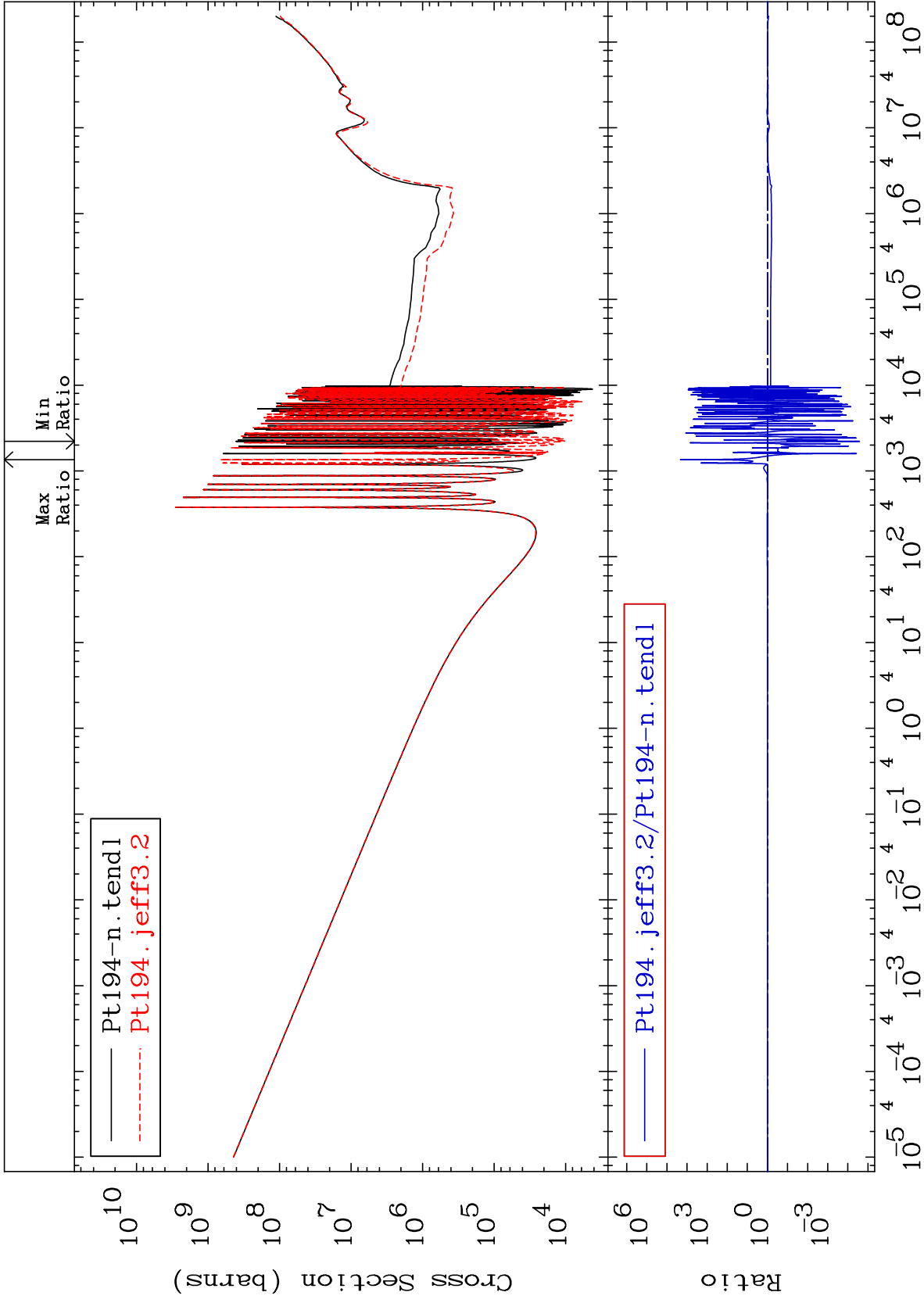


70

Incident Energy (eV)

78-Pt-194

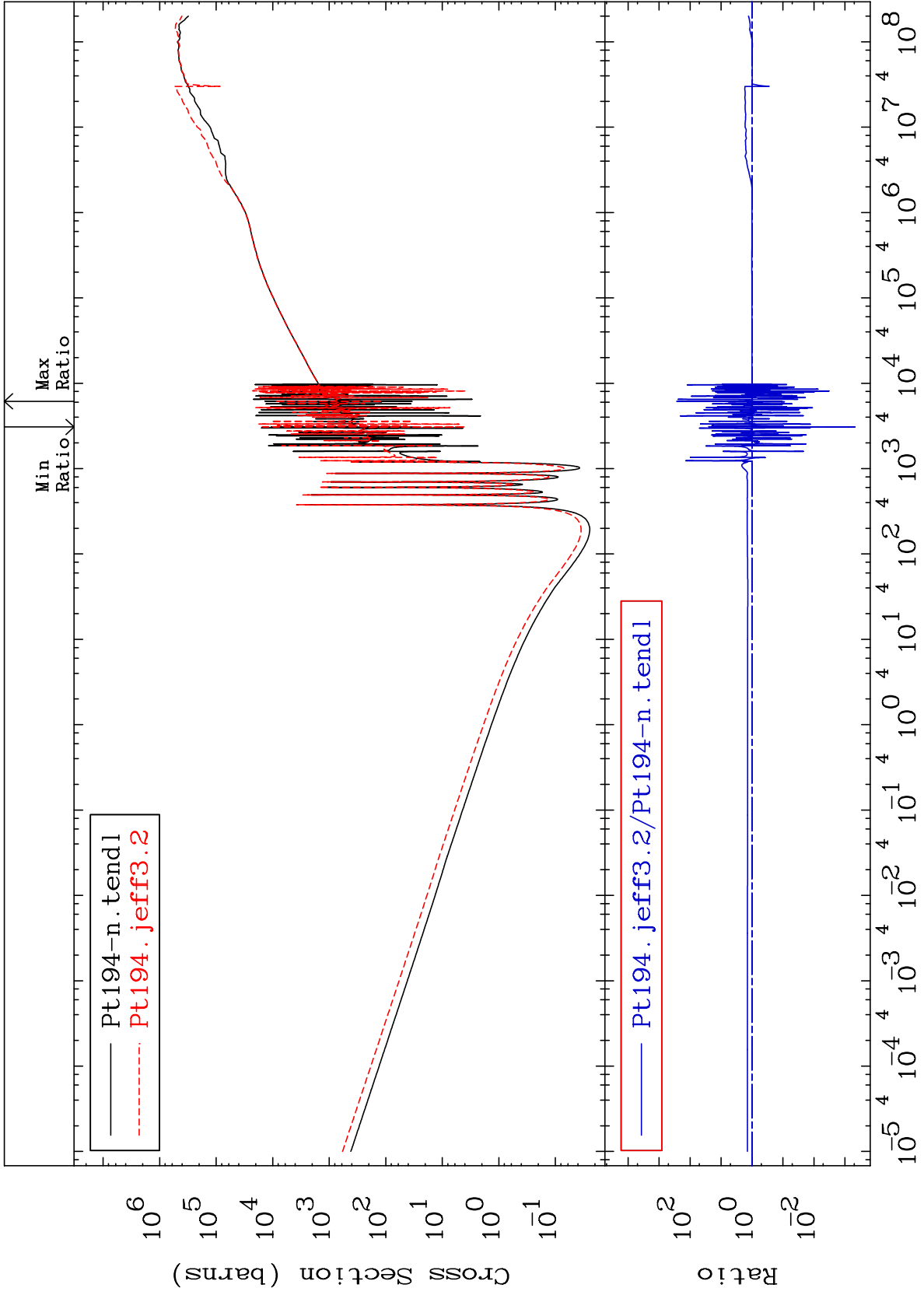




MAT 7837

Dpa total (eV-barns)
Cross Section

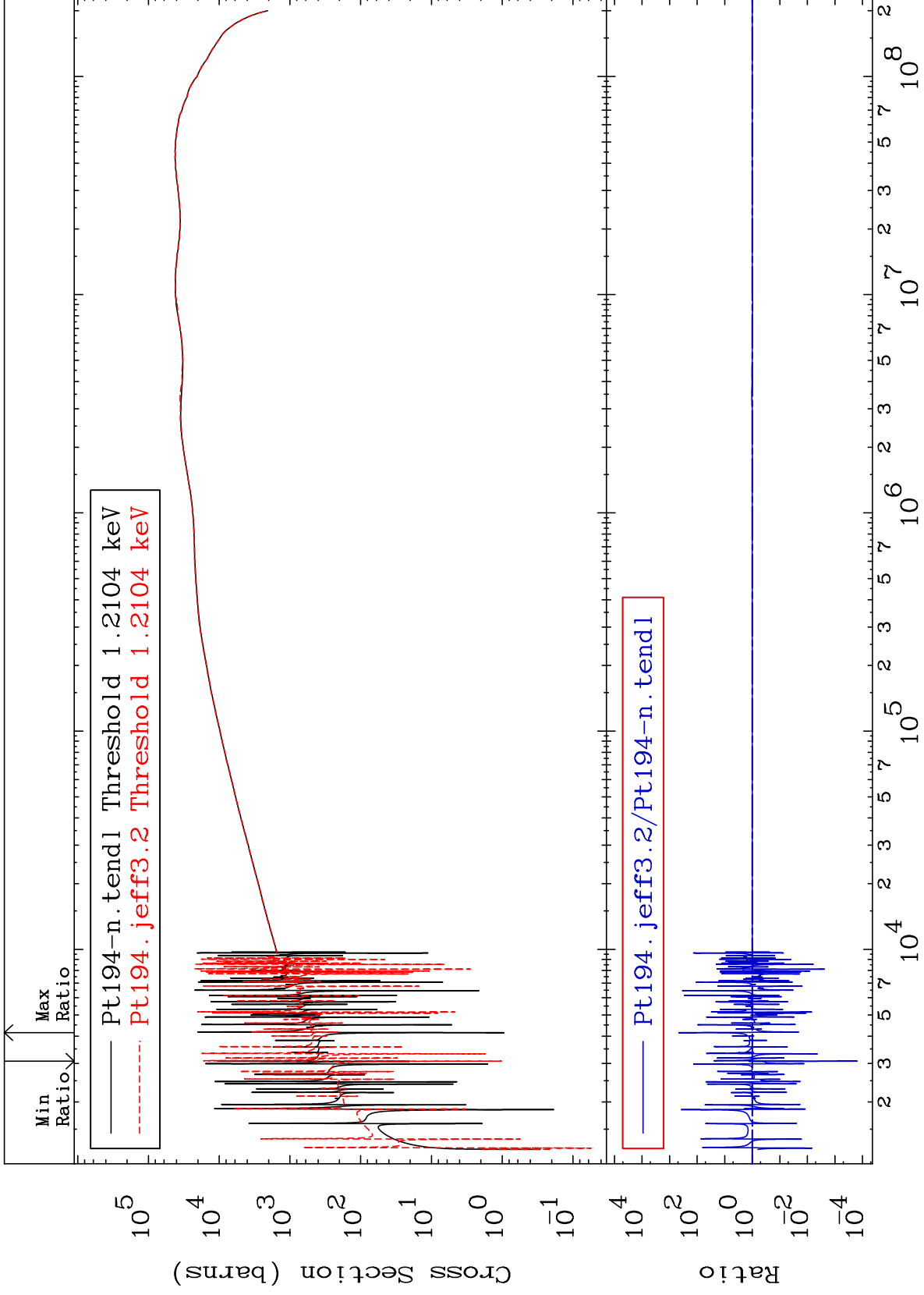
78-Pt-194
-99.95 To 9999. %



MAT 7837

Dpa elastic (mt2)
Cross Section

78-Pt-194
-99.98 To 9999. %



MAT 7837

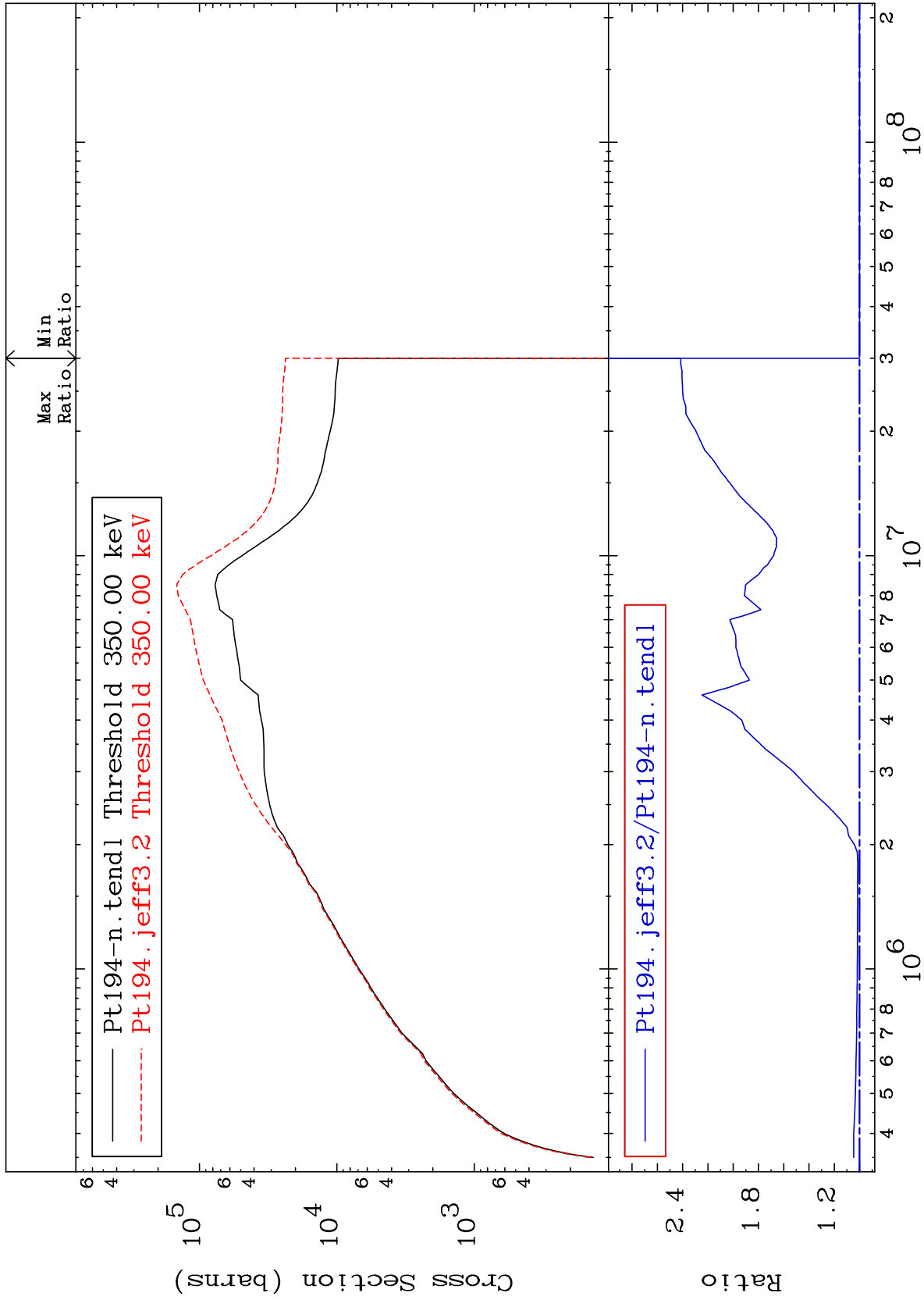
Dpa inelastic (mt51-91)

78-Pt-194

Cross Section

0.000

To 141.5 %



75

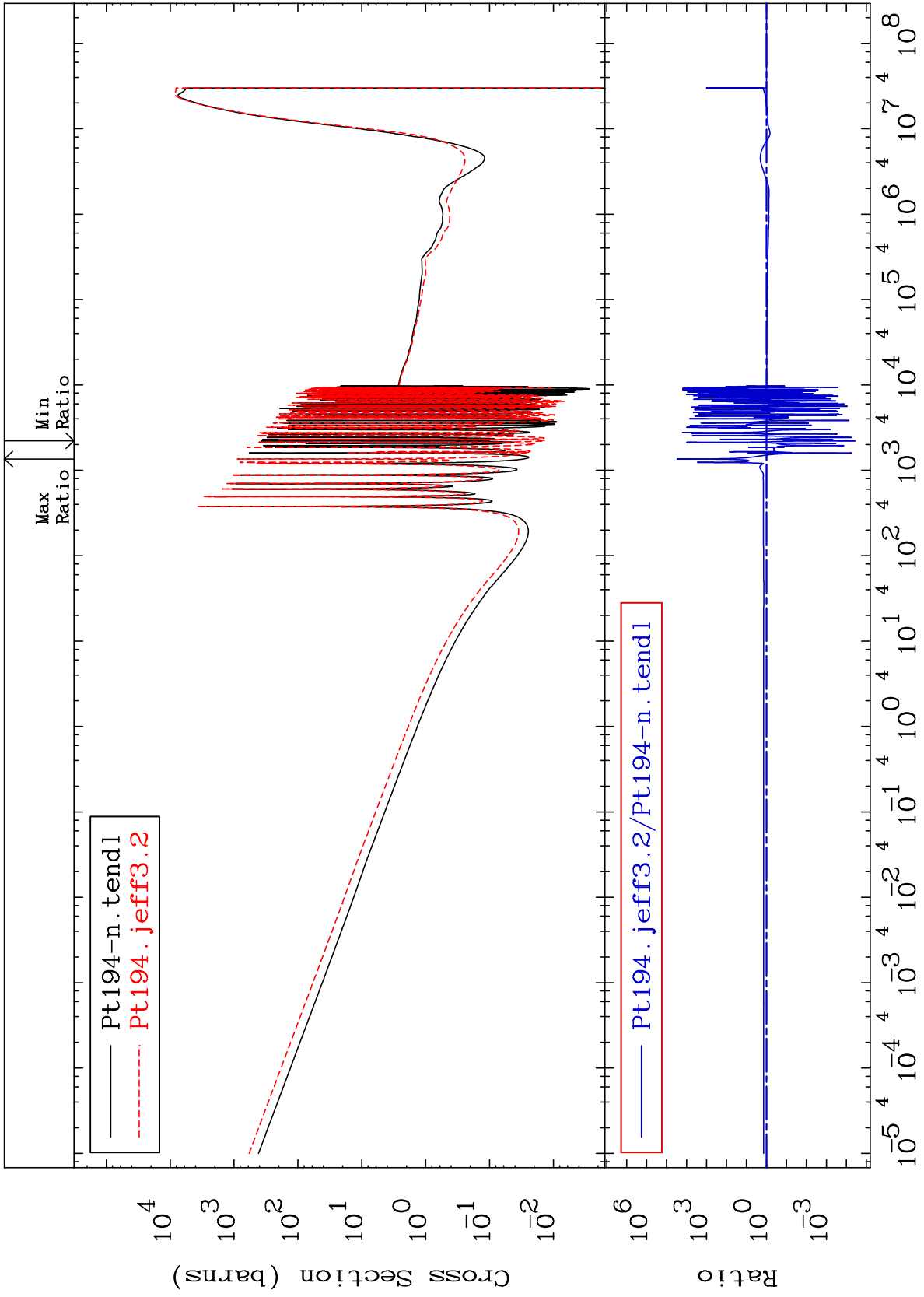
Incident Energy (eV)

78-Pt-194

MAT 7837

Dpa disappearance (mt102 -120)
Cross Section

78-Pt-194
-100.0 To 9999. %



76

Incident Energy (eV)

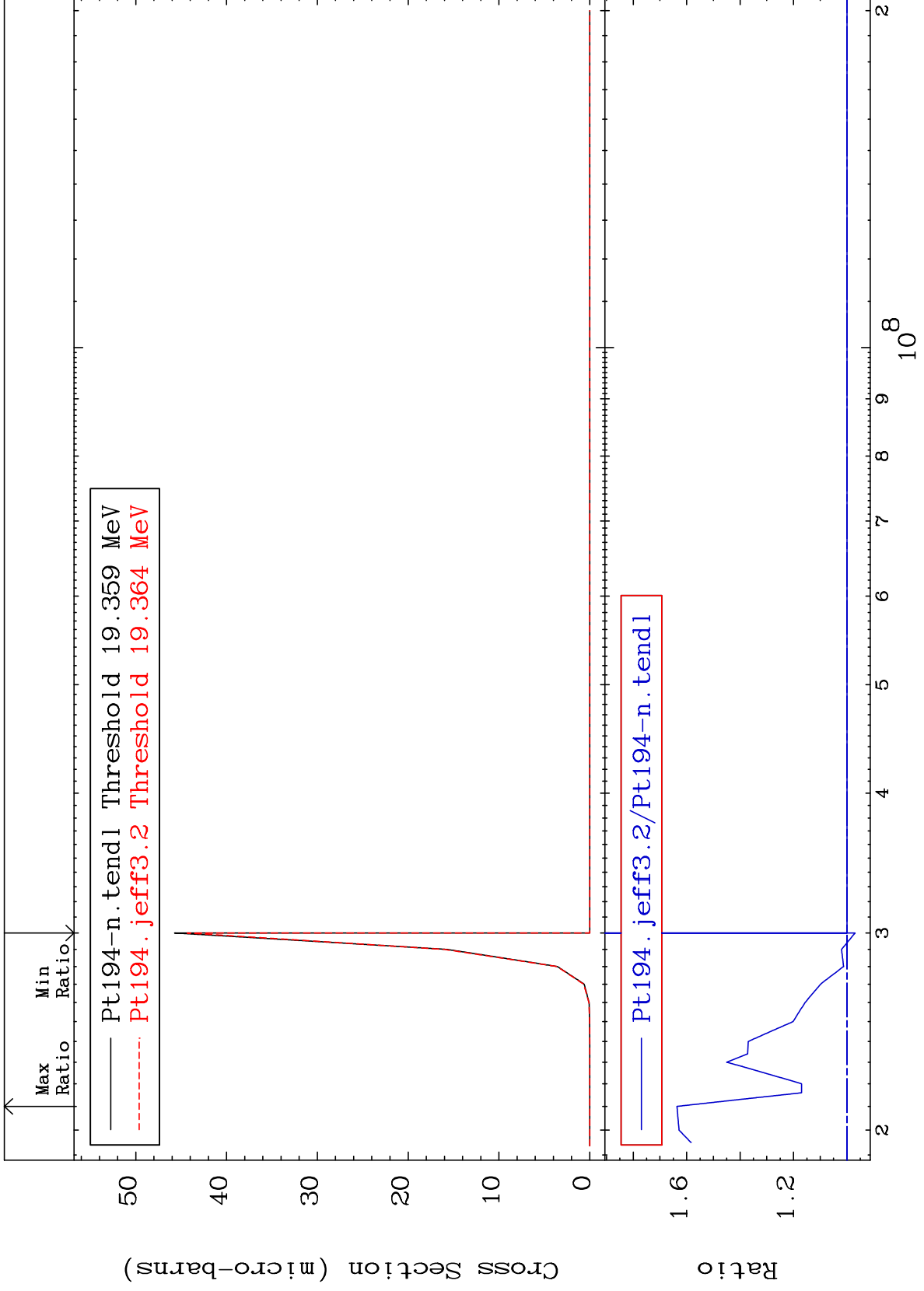
78-Pt-194

MAT 7837

(n,2n) d:77-Ir-191g

78-Pt-194

Radionuclide Production Cross Section -3.052 To 63.64 %



77

Incident Energy (eV)

78-Pt-194

MAT 7837

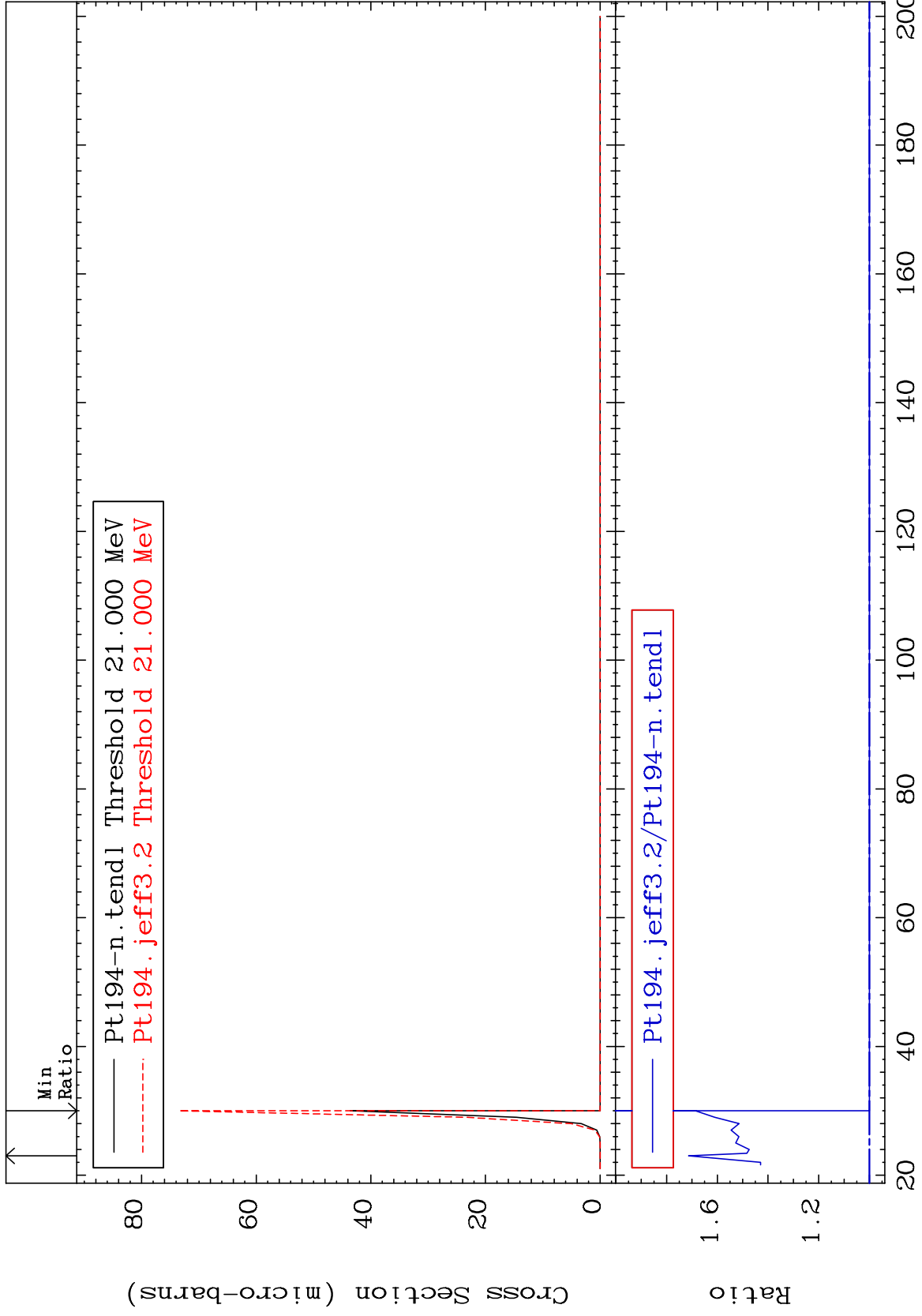
(n,2n) d:77-Ir-191m3

78-Pt-194

Radionuclide Production Cross Section

0.000

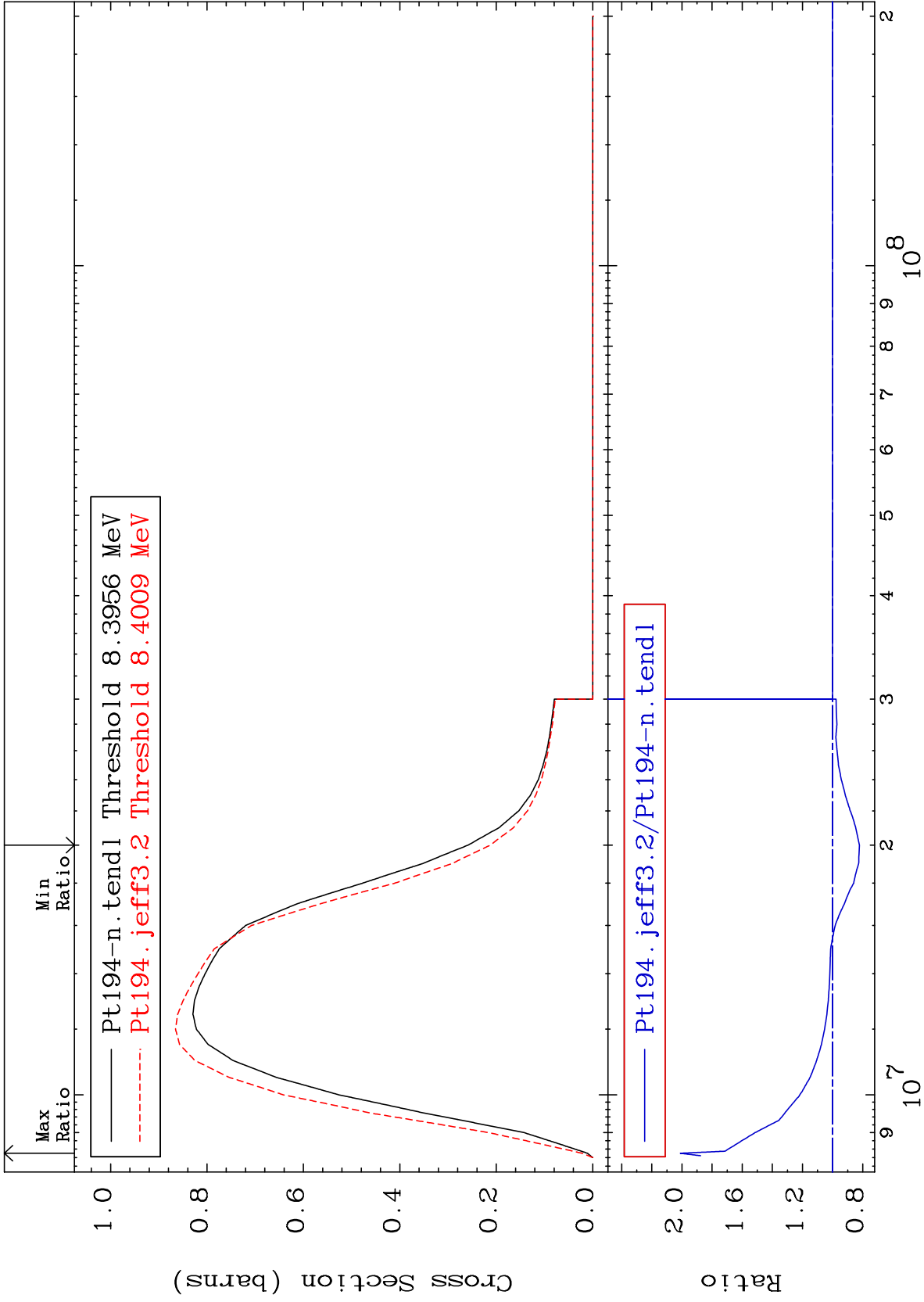
To 71.33 %



78

Incident Energy (MeV)

78-Pt-194

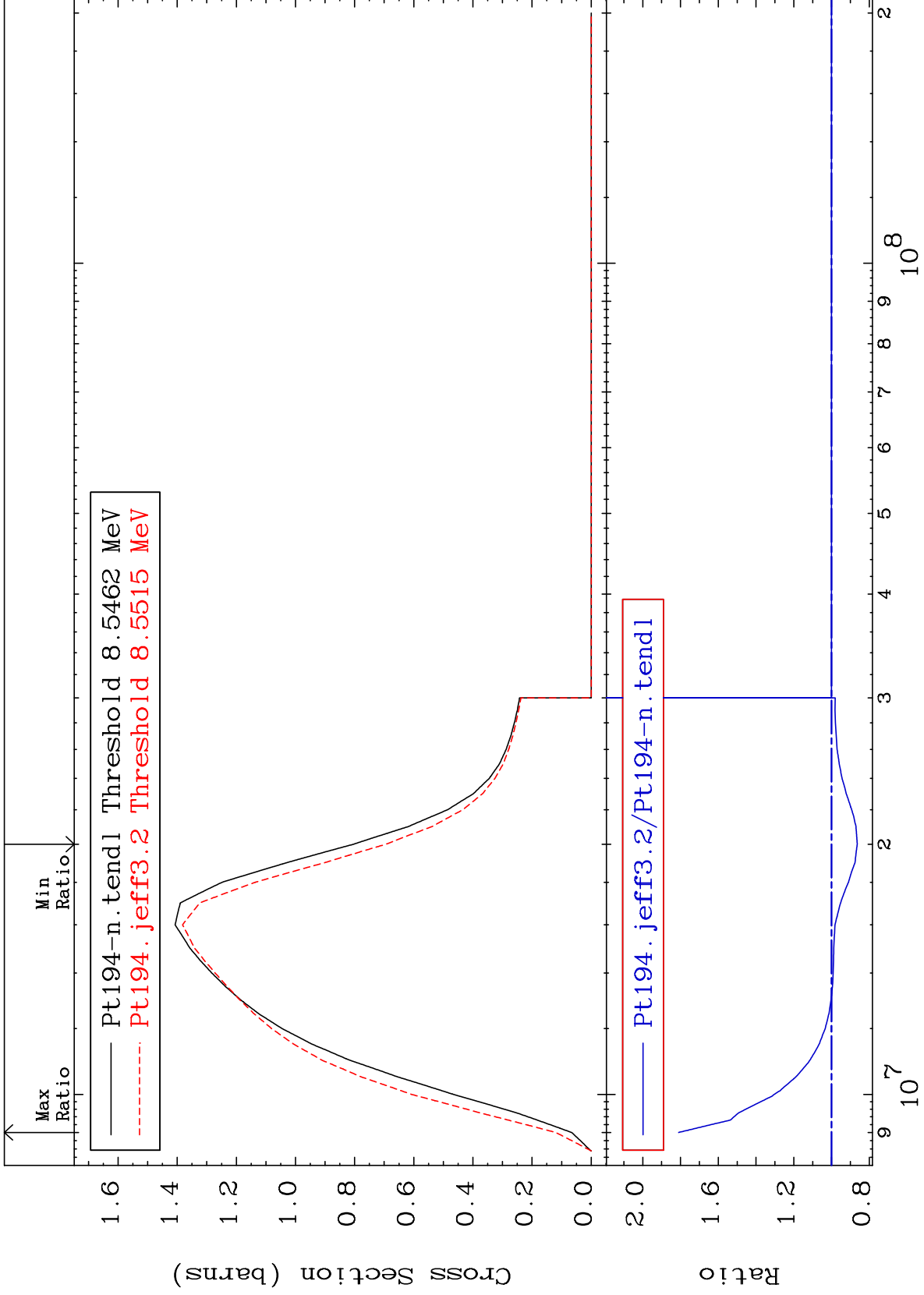


MAT 7837

(n,2n):78-Pt-193m5

78-Pt-194

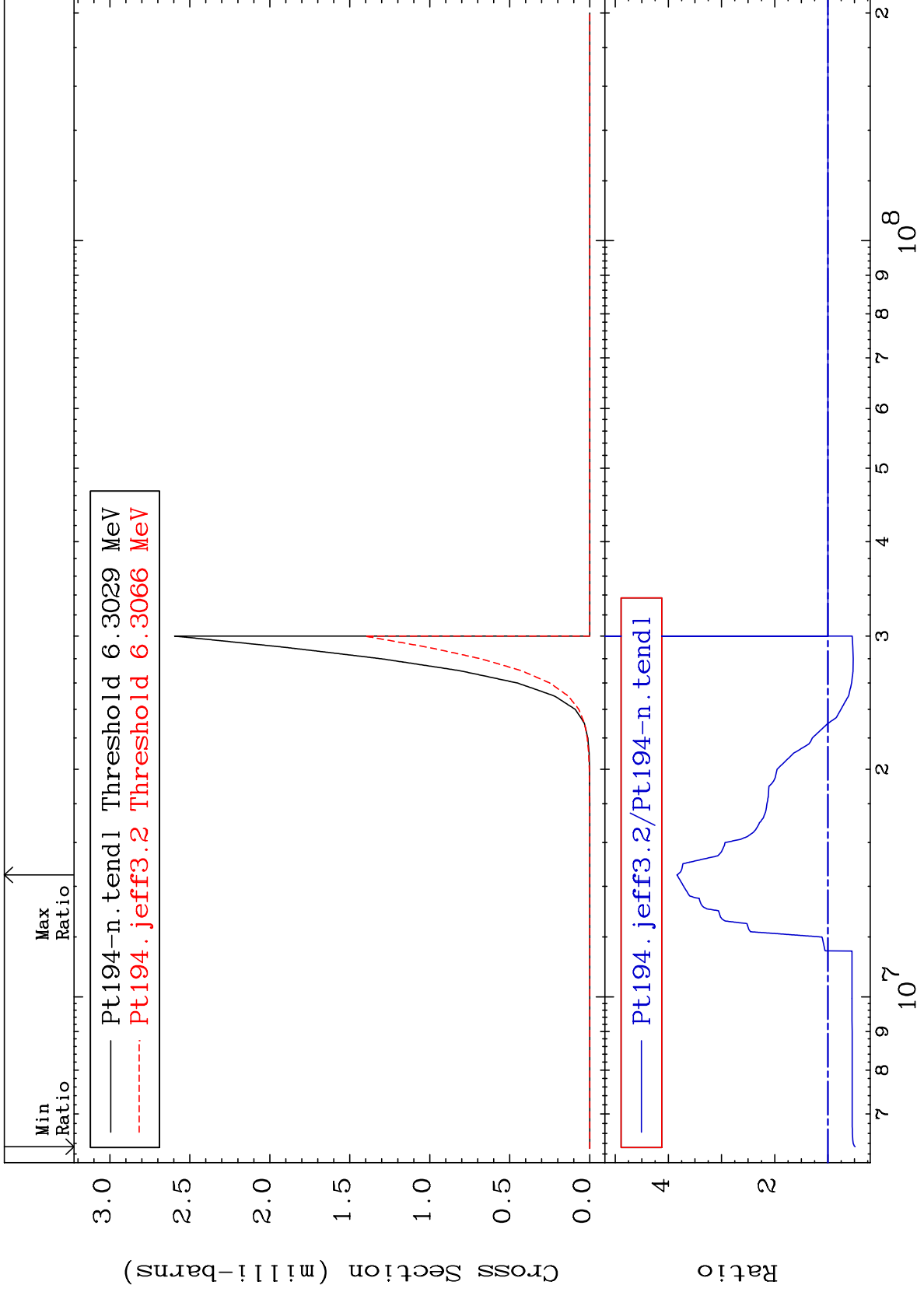
Radionuclide Production Cross Section -13.62 To 80.99 %



80

Incident Energy (eV)

78-Pt-194

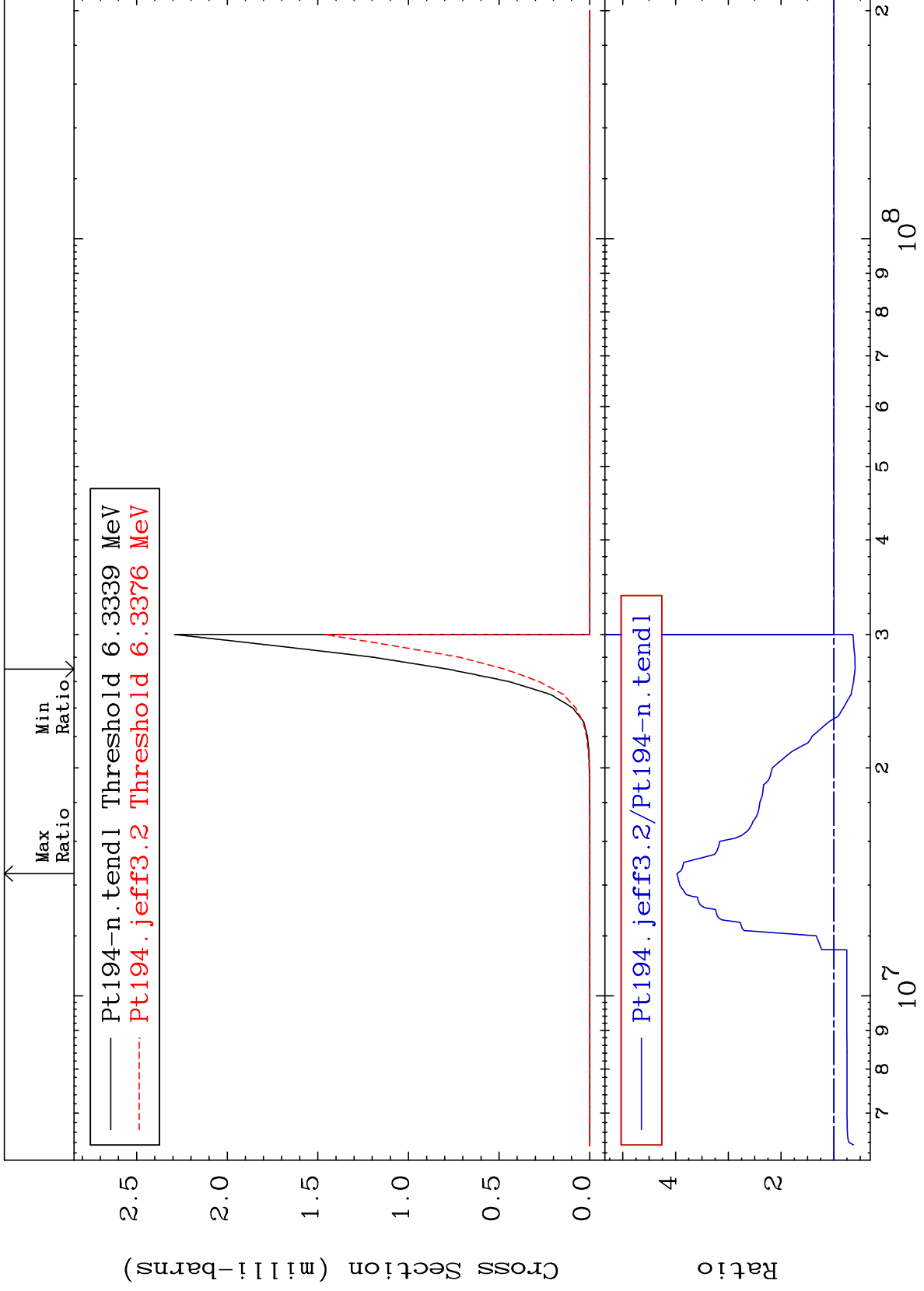


MAT 7837

(n,2n) α : 76-0s-189m1

78-Pt-194

Radionuclide Production Cross Section -40.16 To 297.4 %



82

Incident Energy (eV)

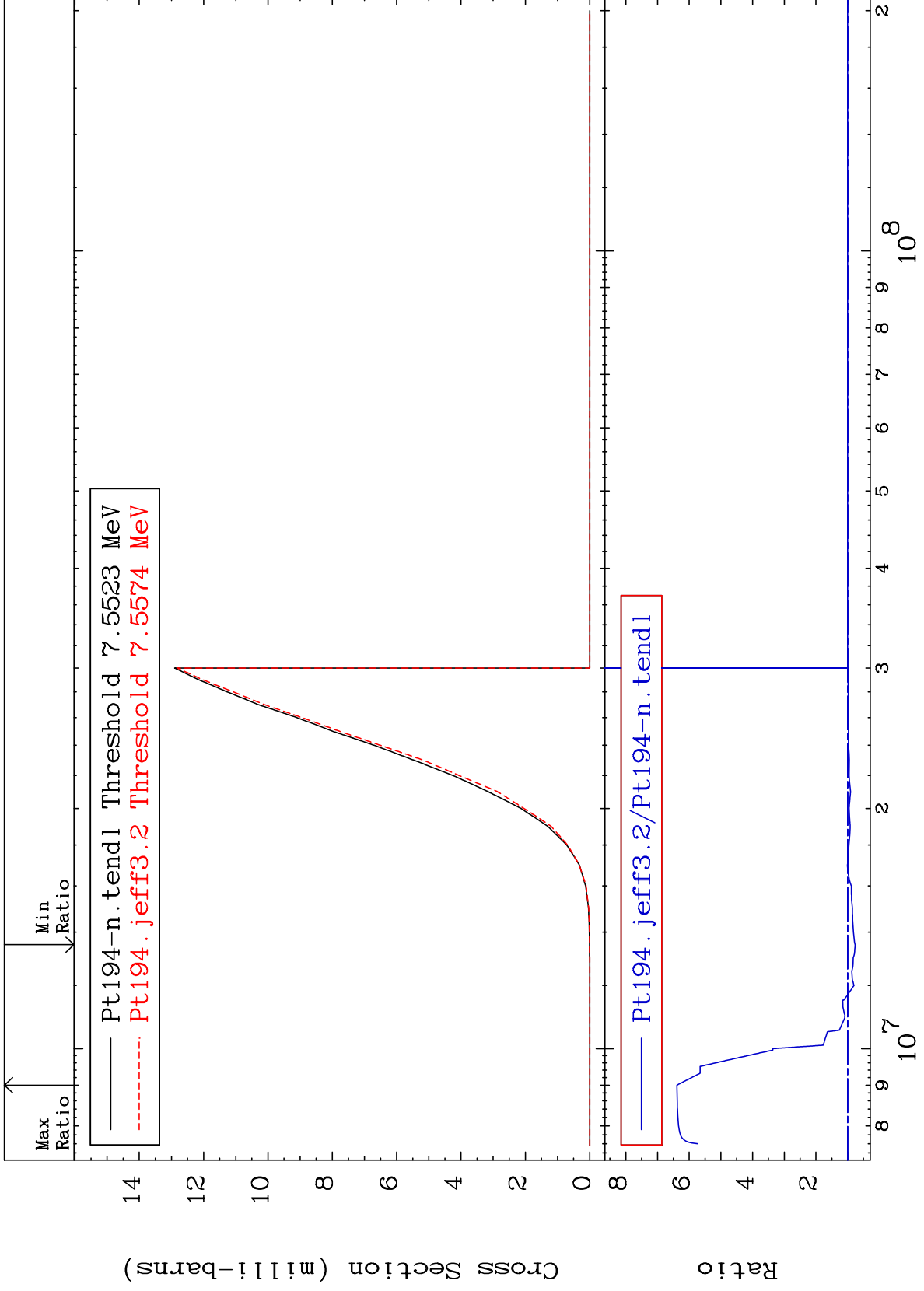
78-Pt-194

MAT 7837

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

78-Pt-194

Radionuclide Production Cross Section -23.55 To 538.7 %

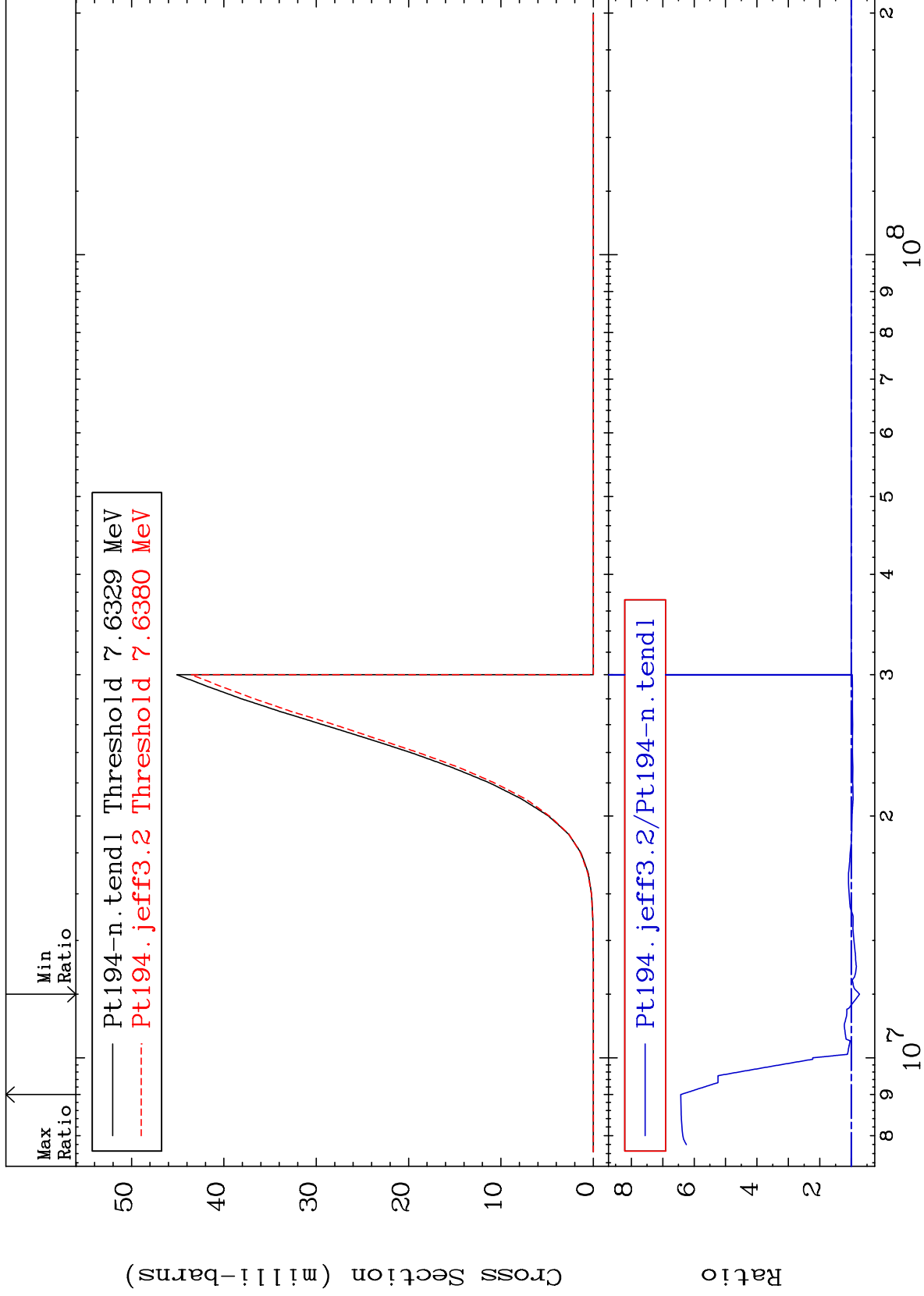


MAT 7837

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

78-Pt-194

Radionuclide Production Cross Section -26.29 To 542.6 %

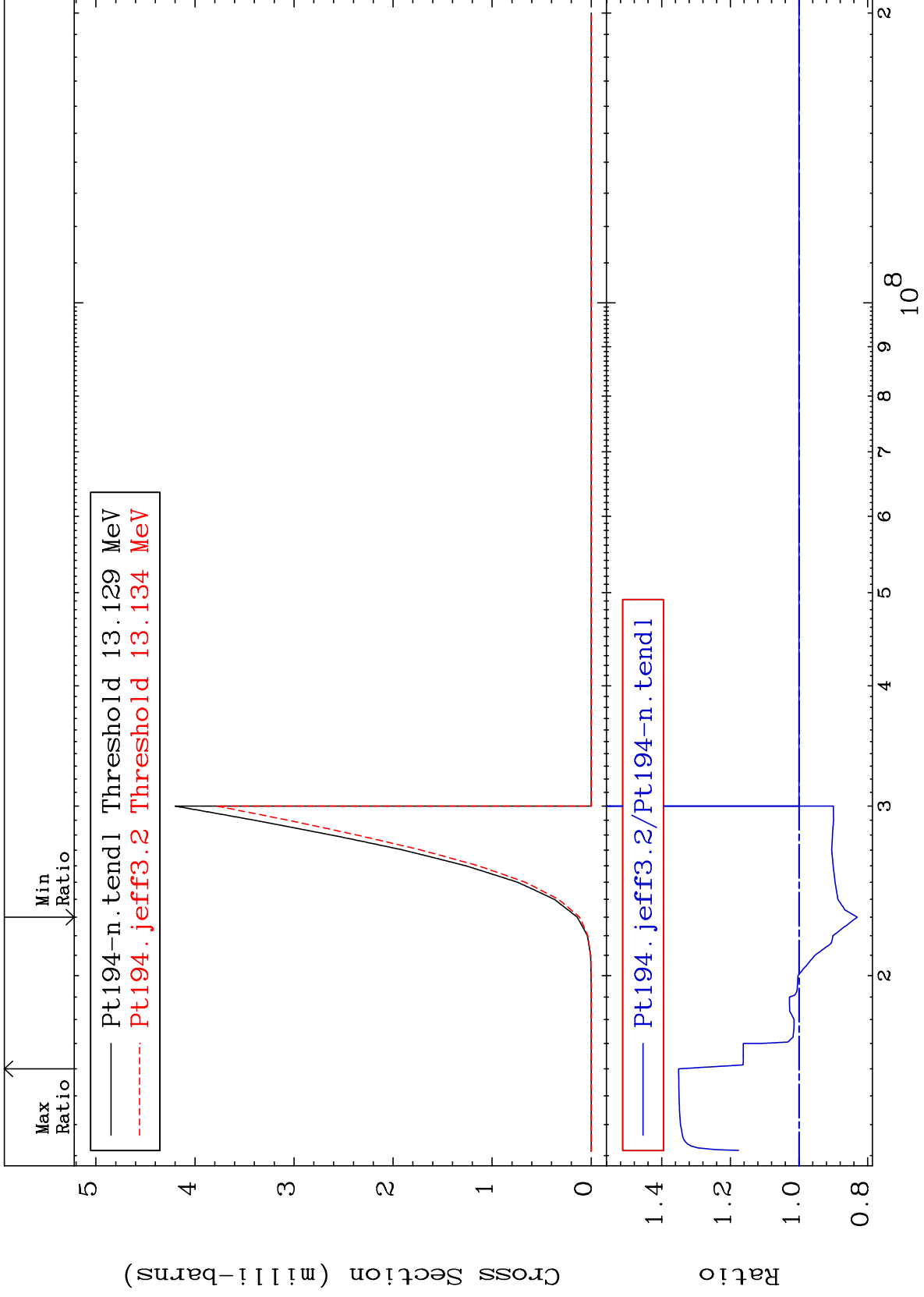


84

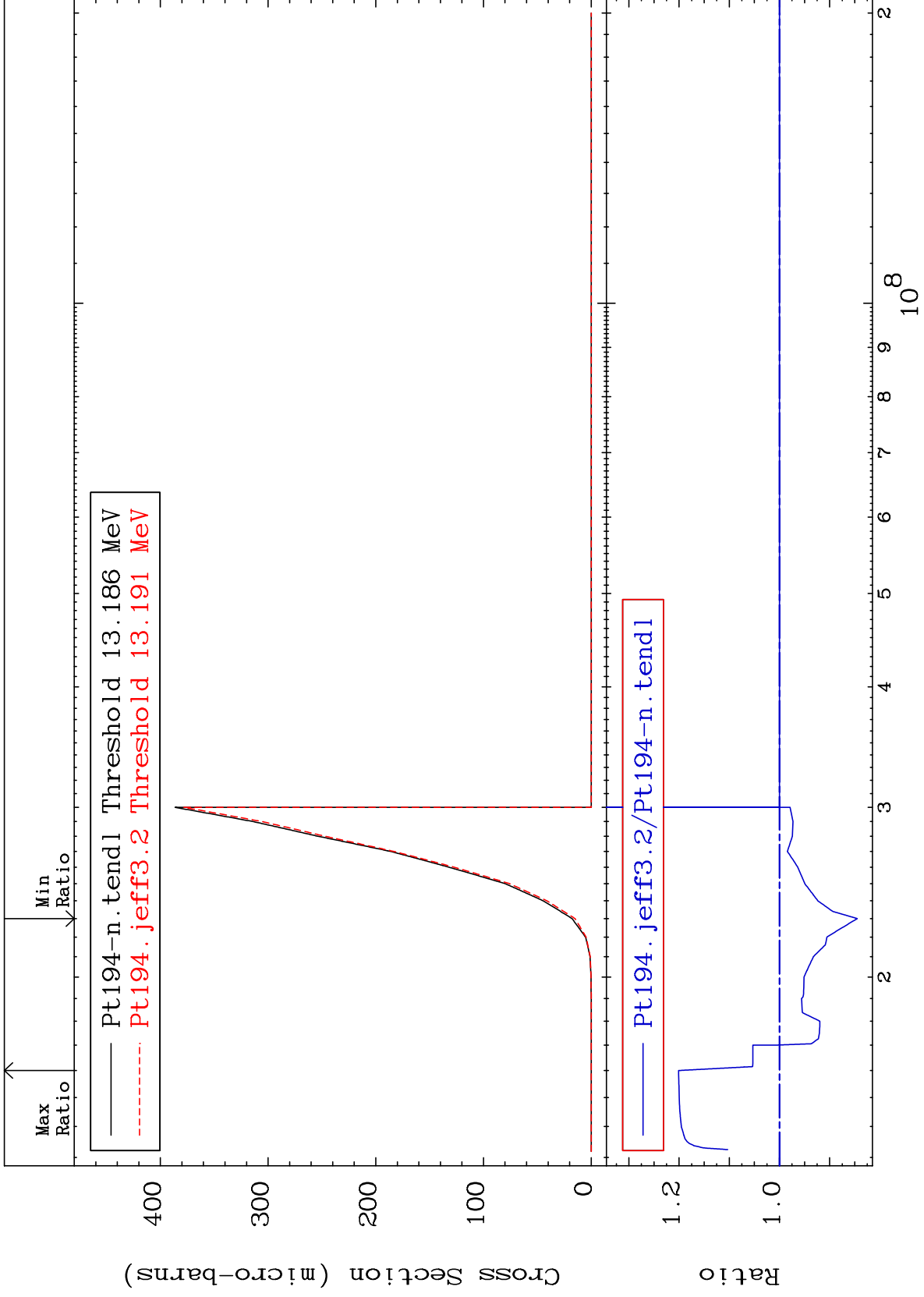
Incident Energy (eV)

78-Pt-194

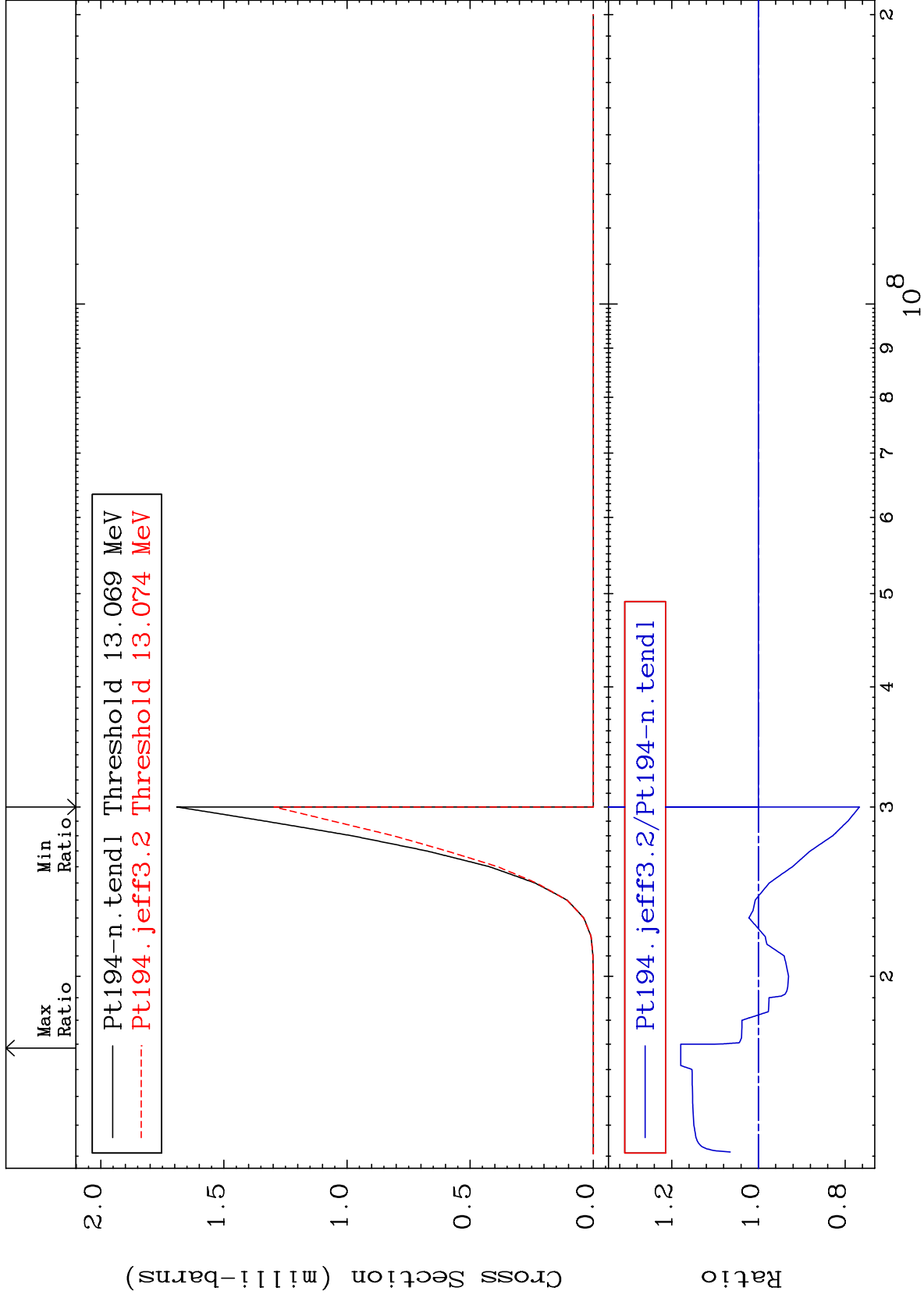
Radionuclide Production Cross Section -16.94 To 35.07 %



Radionuclide Production Cross Section -15.50 To 20.09 %



Radionuclide Production Cross Section -23.34 To 17.90 %

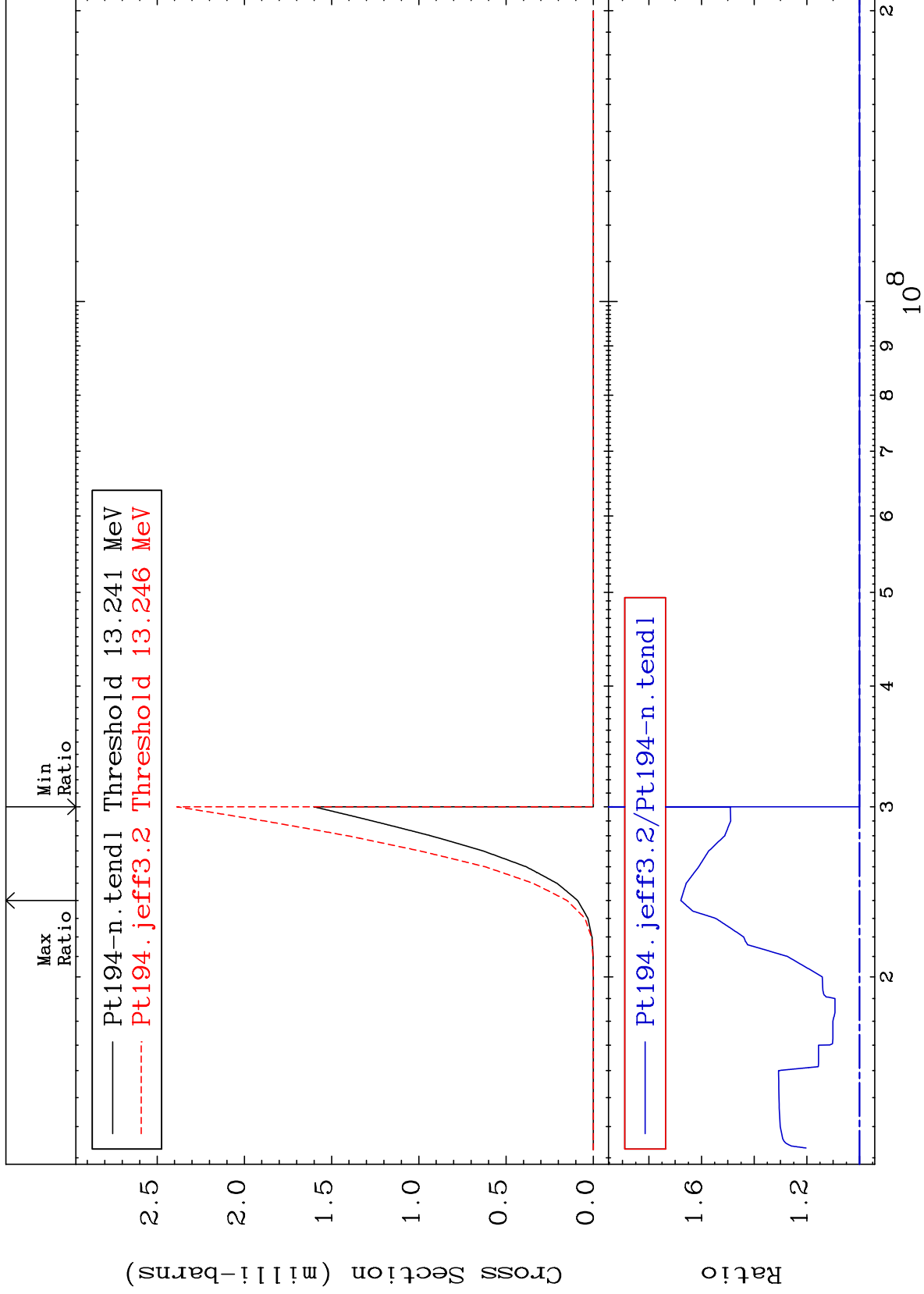


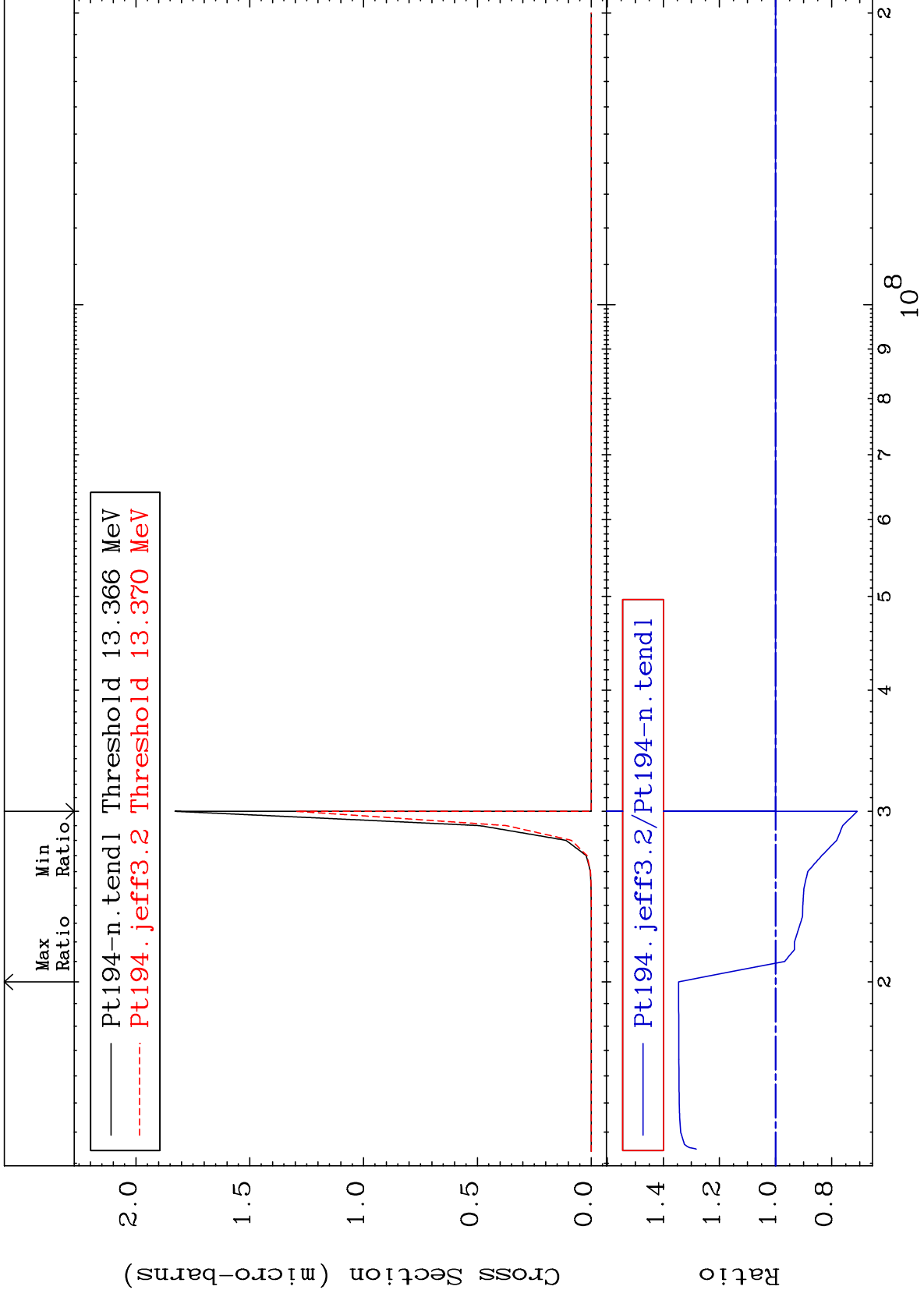
MAT 7837

(n, n') t: 77-Ir-191m3

78-Pt-194

Radionuclide Production Cross Section 0.000 To 67.88 %





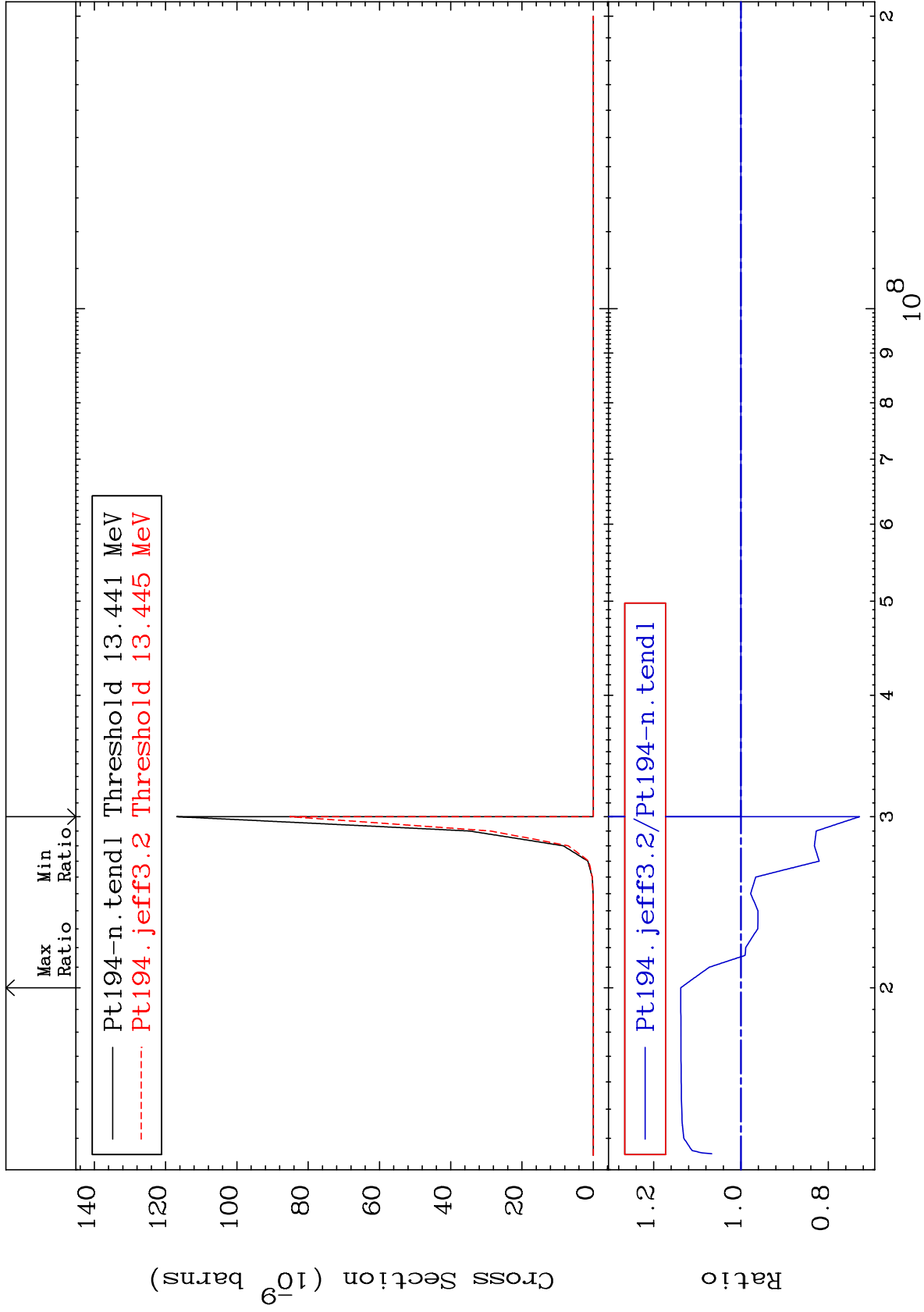
MAT 7837

(n, n') He-3:76-0s-191m1

78-Pt-194

Radionuclide Production Cross Section

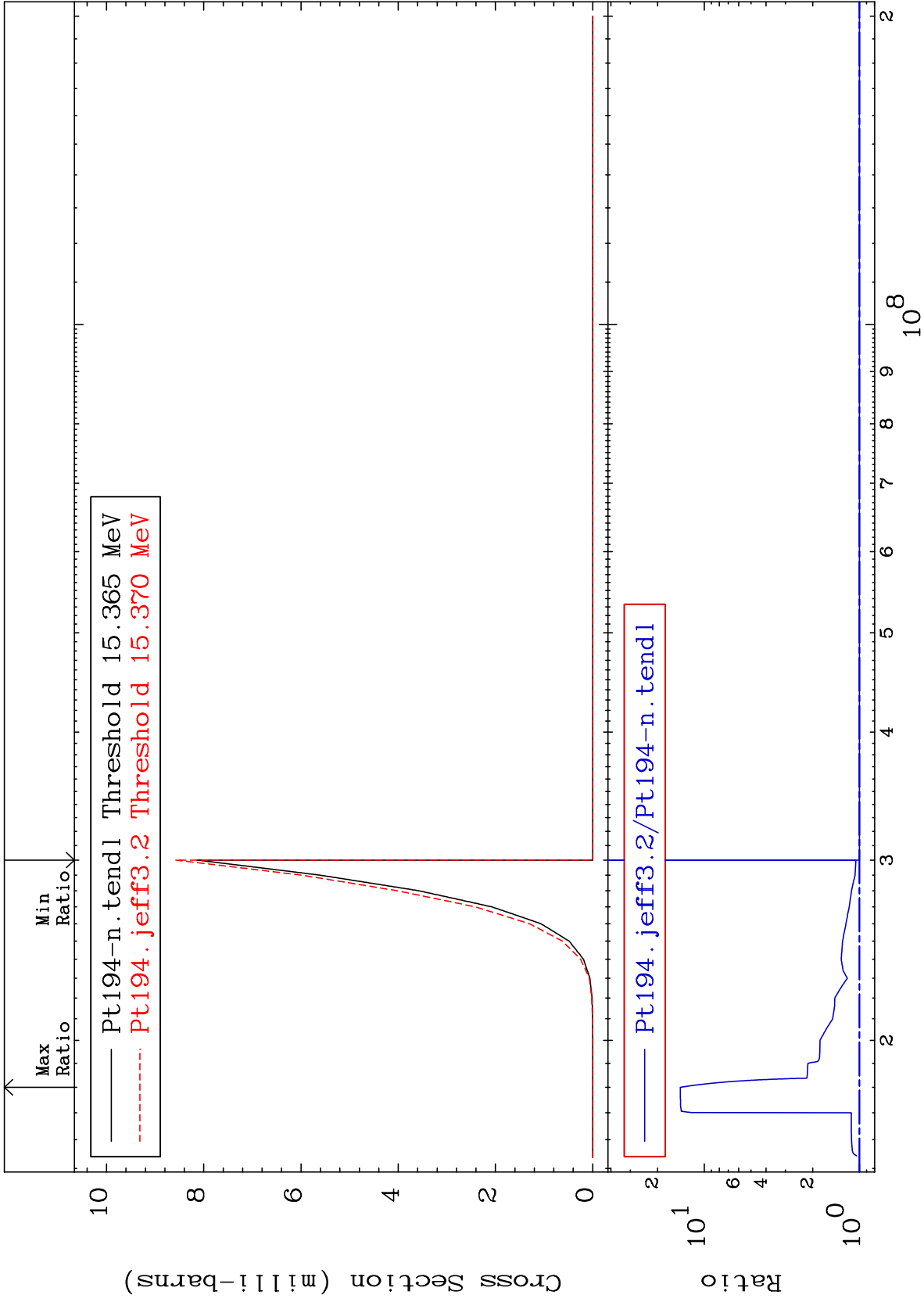
-27.13 To 13.78 %



90

Incident Energy (eV)

78-Pt-194

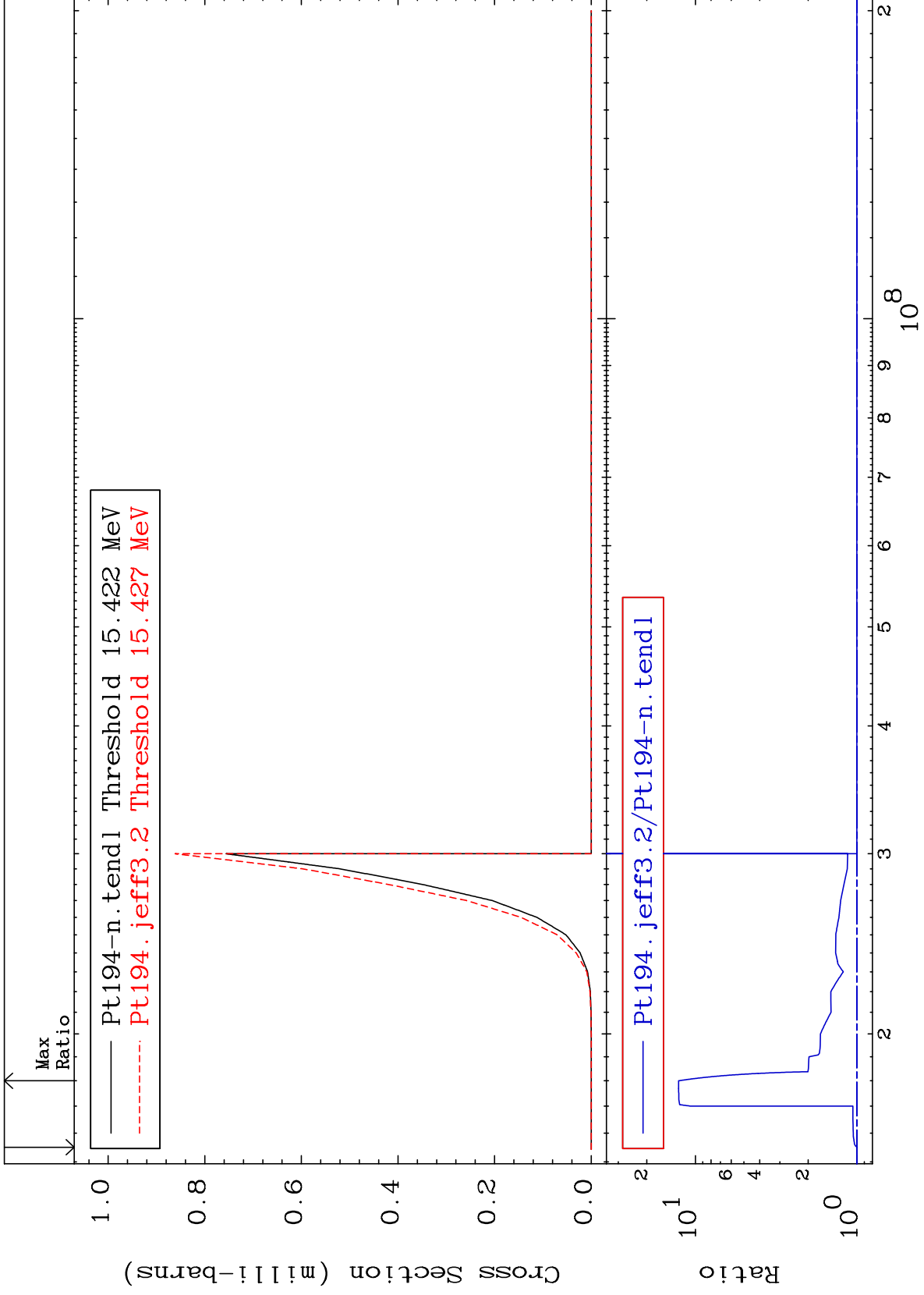


MAT 7837

(n,2n) p:77-Ir-192m3

78-Pt-194

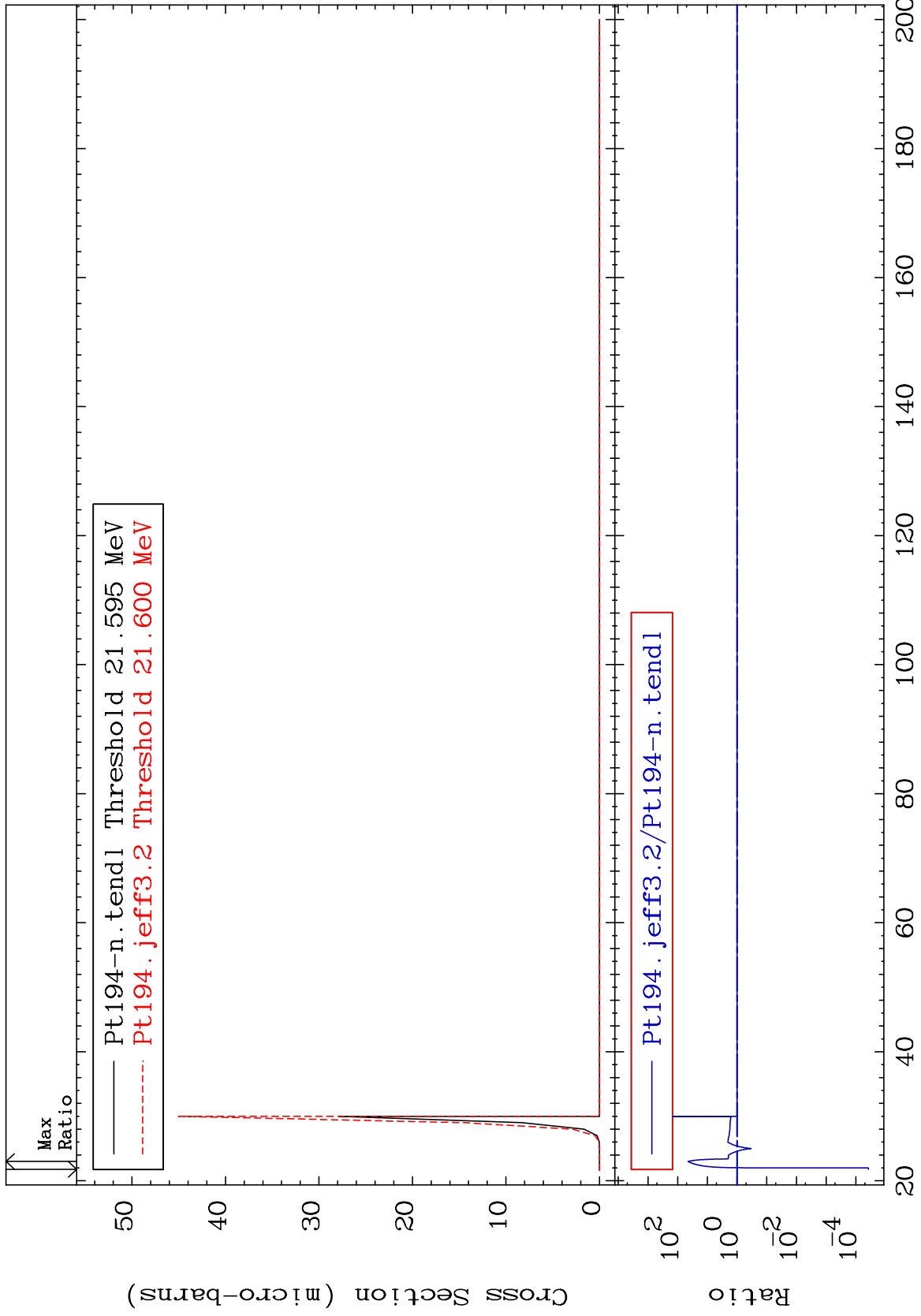
Radionuclide Production Cross Section -0.544 To 1169. %



92

Incident Energy (eV)

78-Pt-194

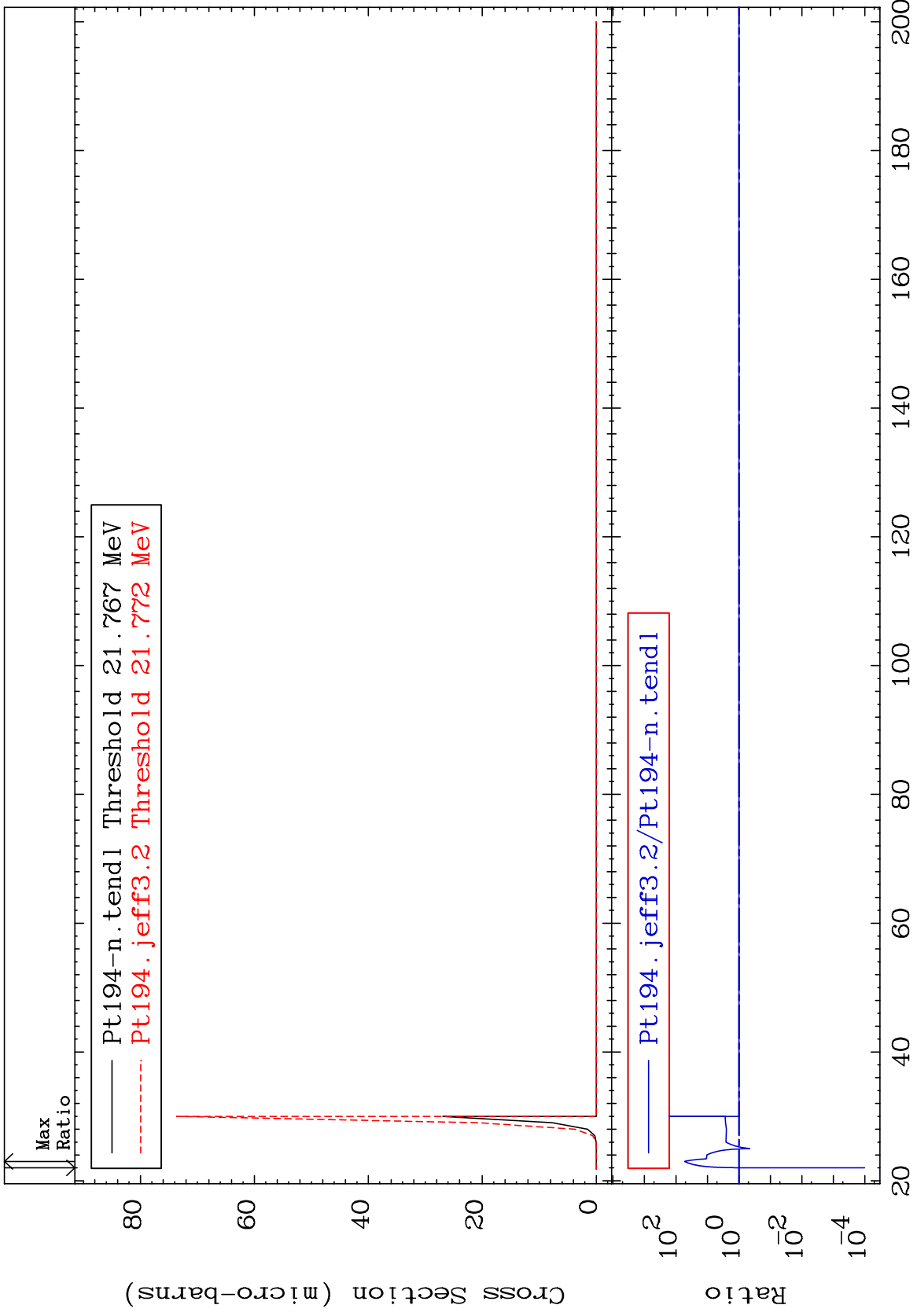


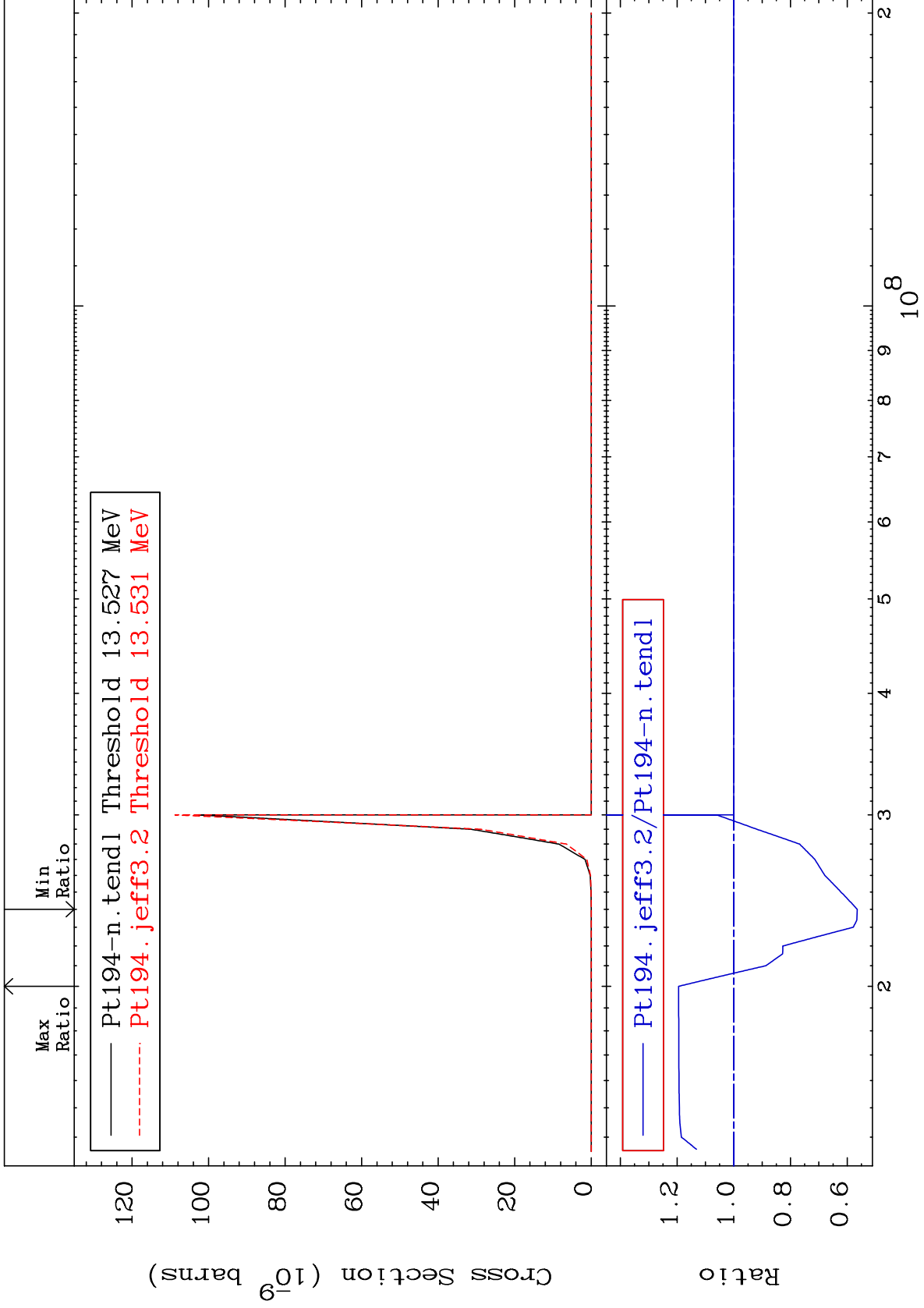
MAT 7837

(n,3n) p:77-Ir-191m3

78-Pt-194

Radionuclide Production Cross Section -99.99 To 5258. %



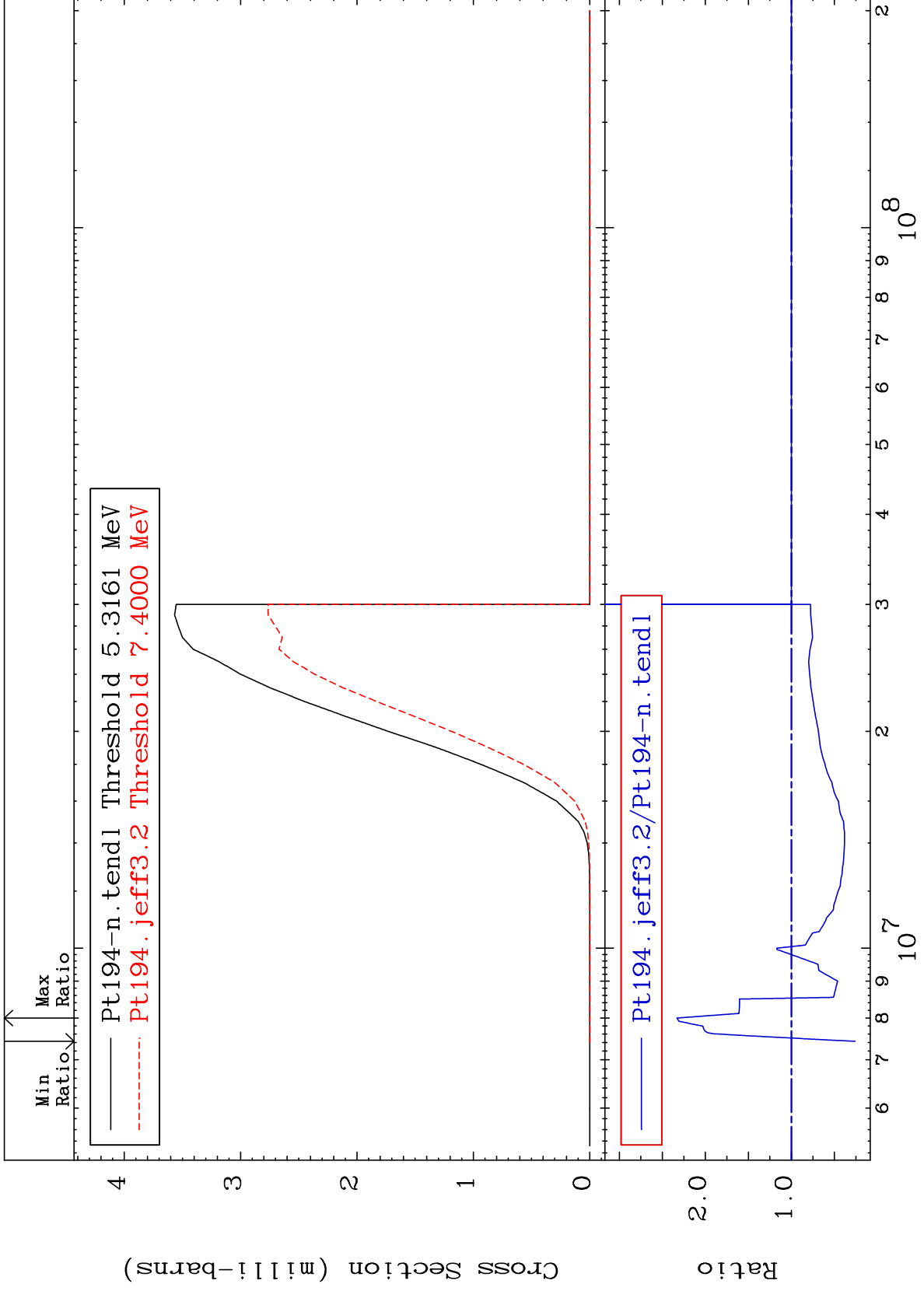


MAT 7837

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

78-Pt-194

Radionuclide Production Cross Section -74.03 To 133.0 %



96

Incident Energy (eV)

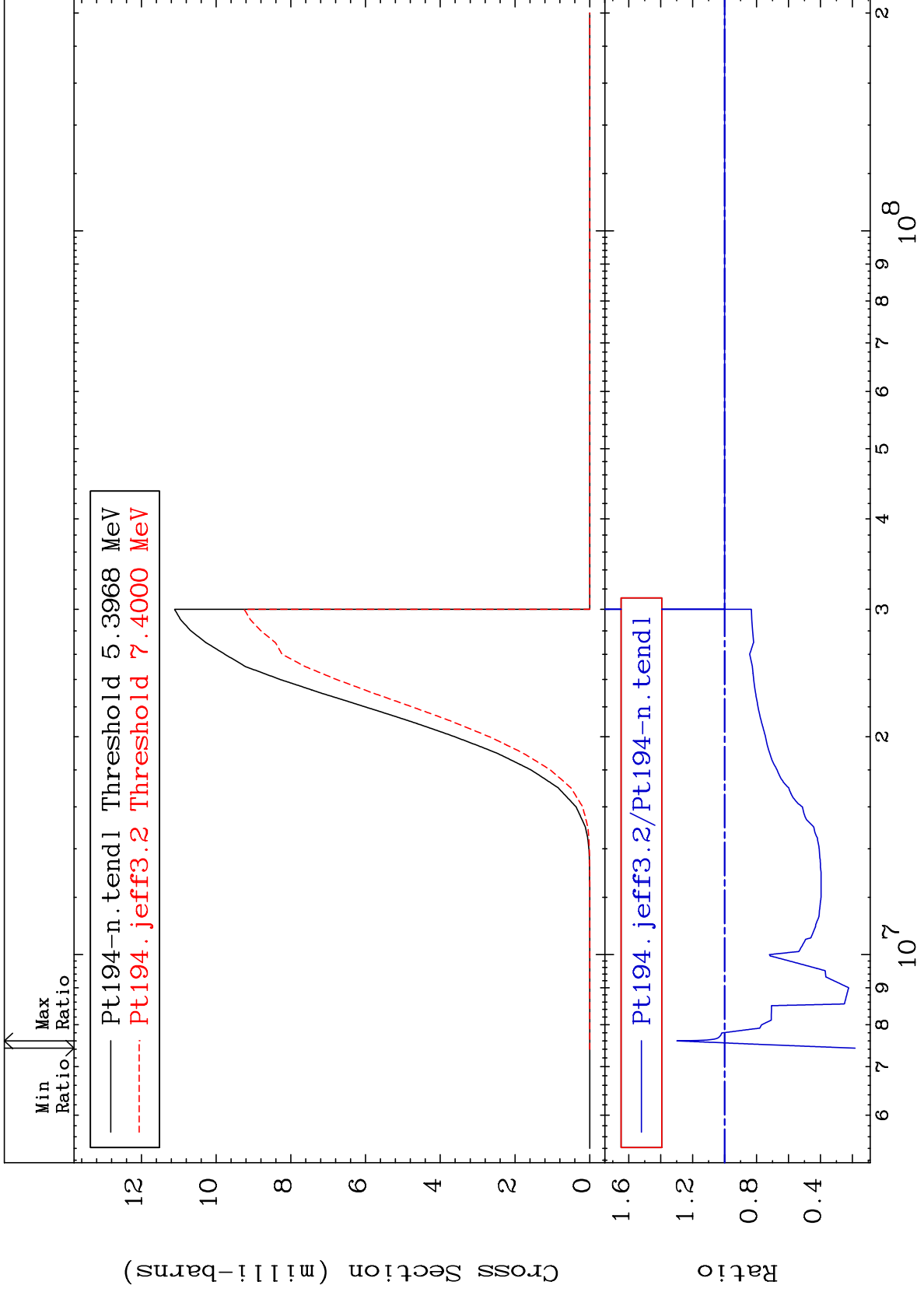
78-Pt-194

MAT 7837

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

78-Pt-194

Radionuclide Production Cross Section -81.67 To 29.84 %



97

Incident Energy (eV)

78-Pt-194

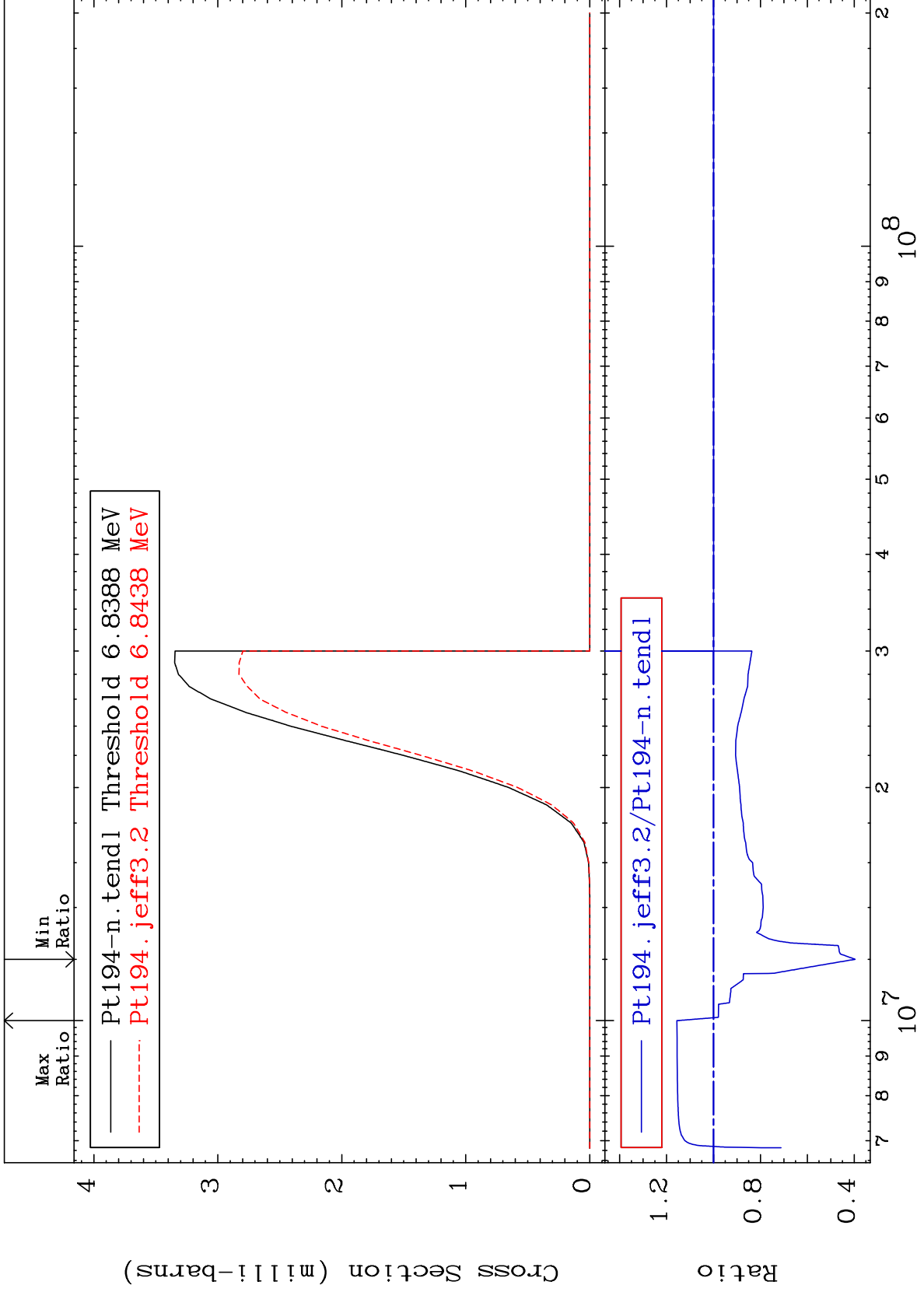
MAT 7837

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

78-Pt-194

Radionuclide Production Cross Section

-60.36 To 15.60 %

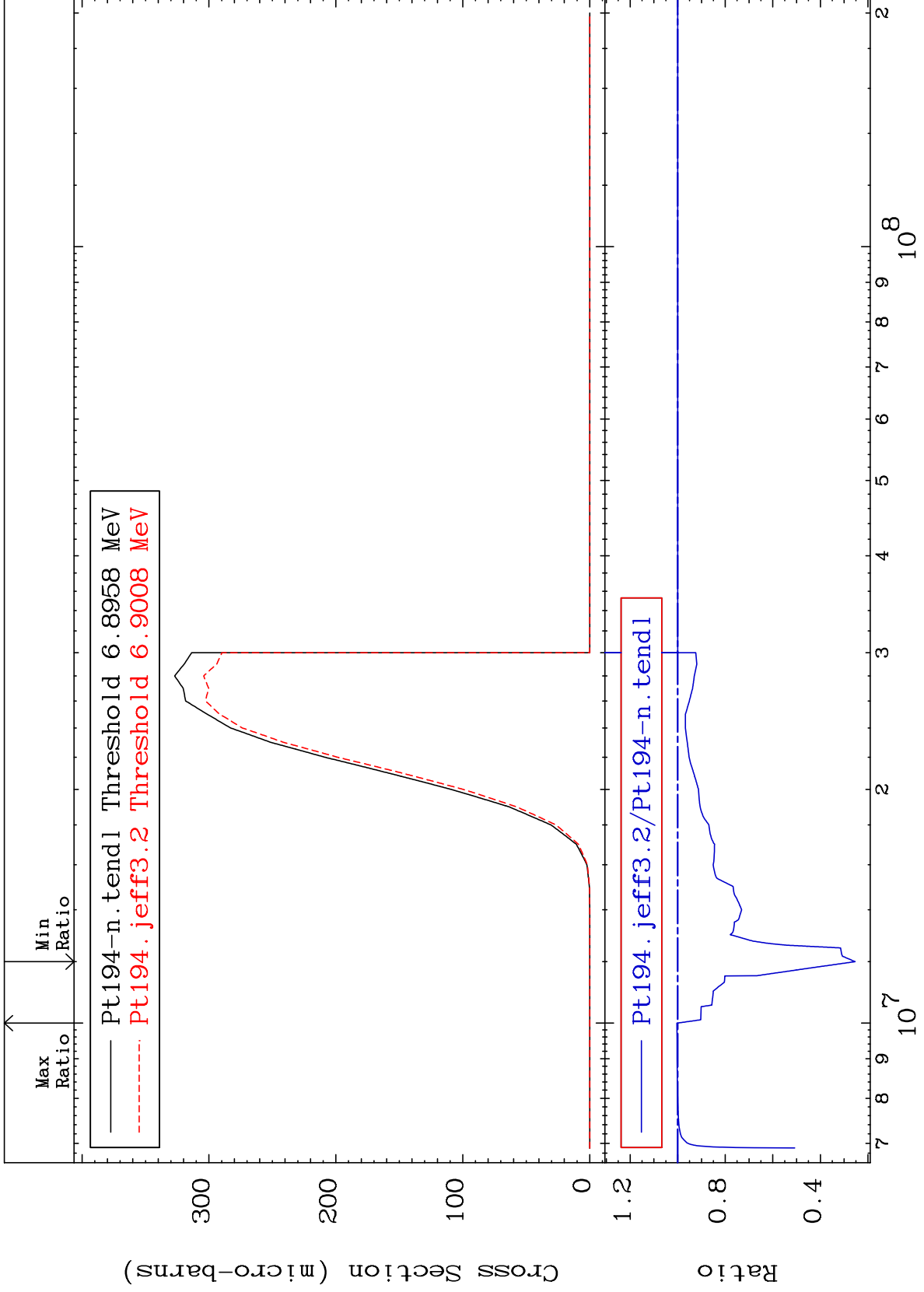


MAT 7837

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

78-Pt-194

Radionuclide Production Cross Section -74.62 To 0.325 %



99

Incident Energy (eV)

78-Pt-194

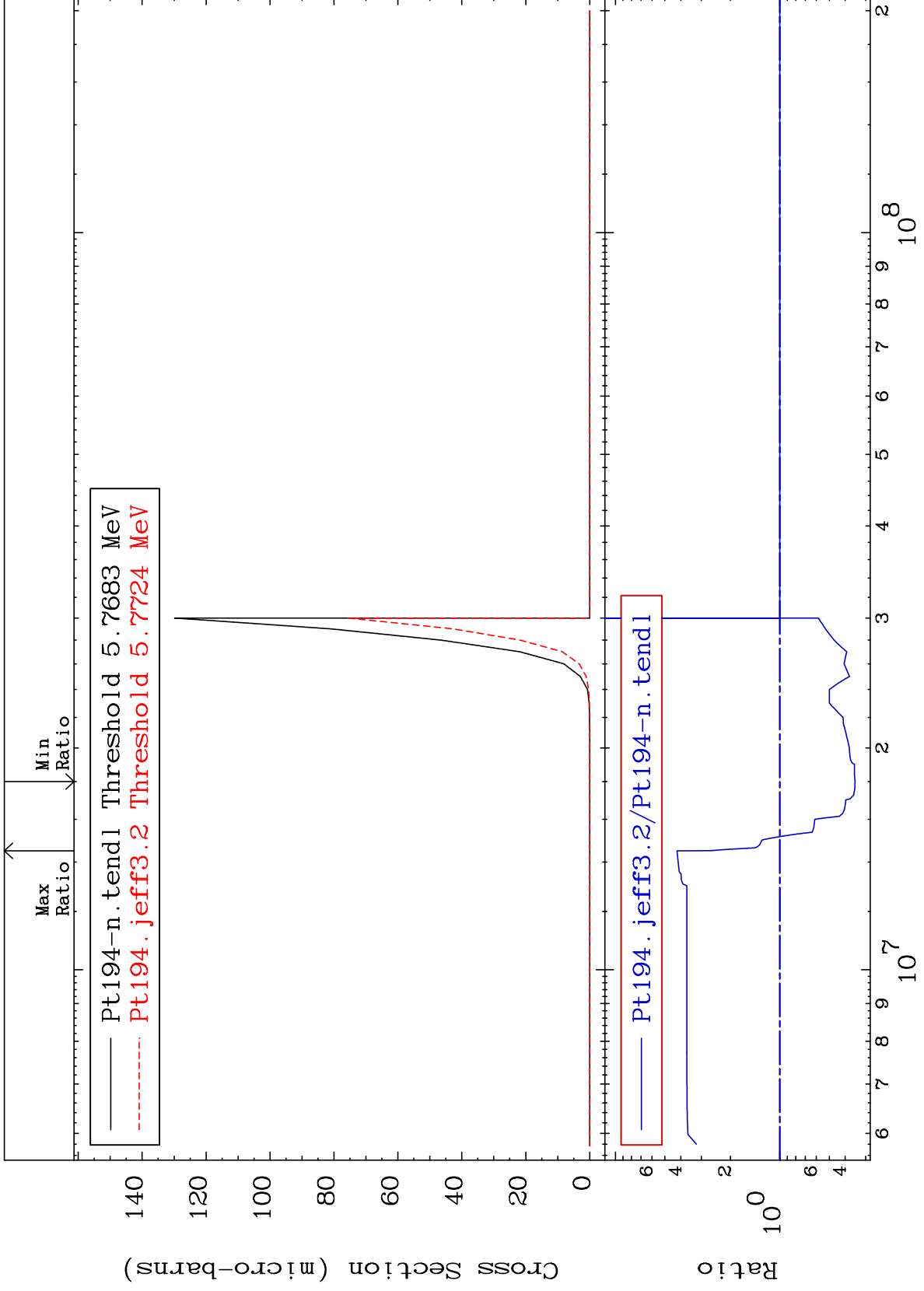
MAT 7837

(n,He-3) : 76-Os-192g

78-Pt-194

Radionuclide Production Cross Section

-65.18 To 322.6 %



100

Incident Energy (eV)

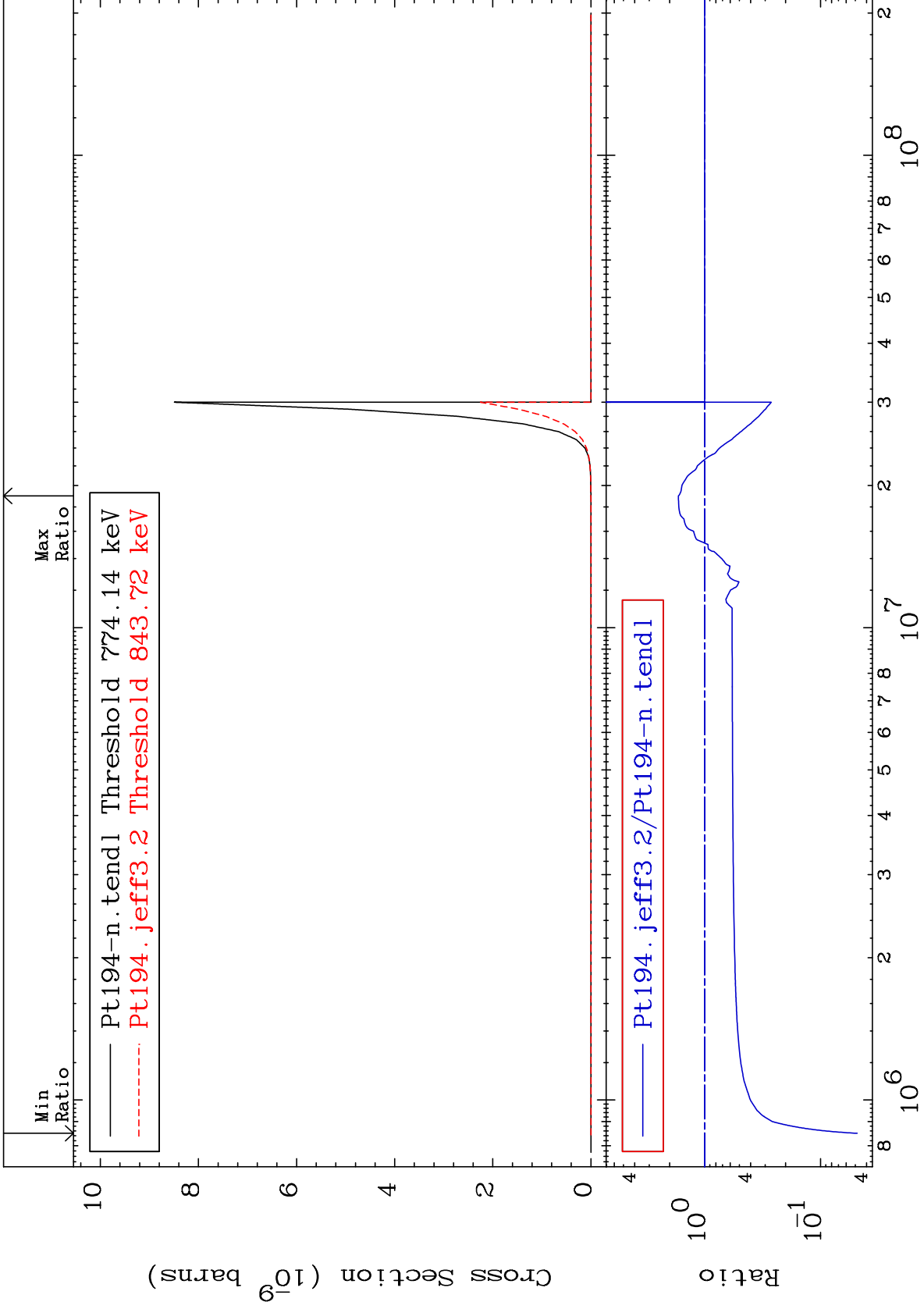
78-Pt-194

MAT 7837

(n, p) α : 75-Re-190g

78-Pt-194

Radionuclide Production Cross Section -95.18 To 67.91 %



101

Incident Energy (eV)

78-Pt-194

Radionuclide Production Cross Section -50.75 To 121.6 %

