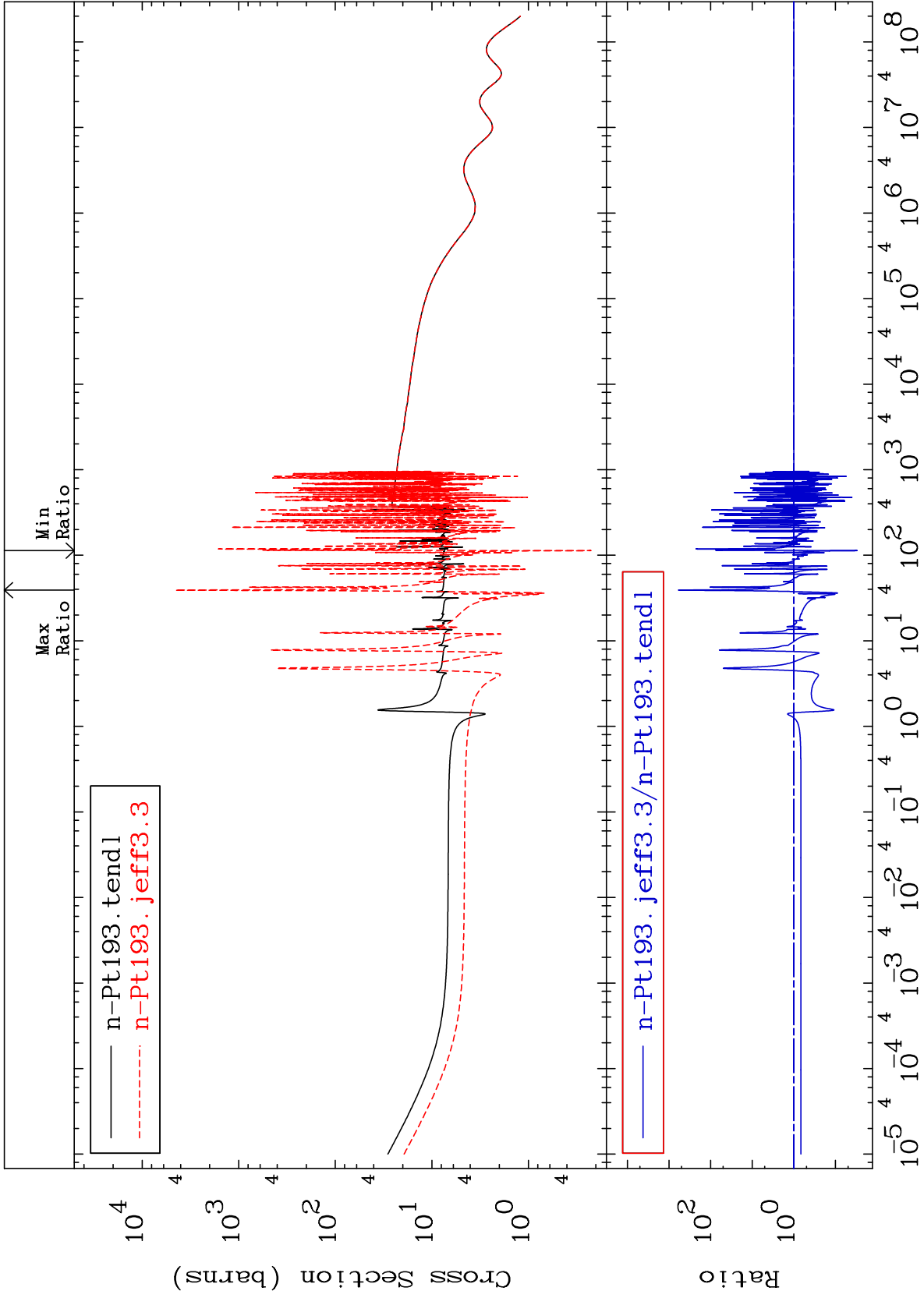


MAT 7834

Elastic Cross Section
78-Pt-193
-97.00 To 9999. %



78-Pt-193

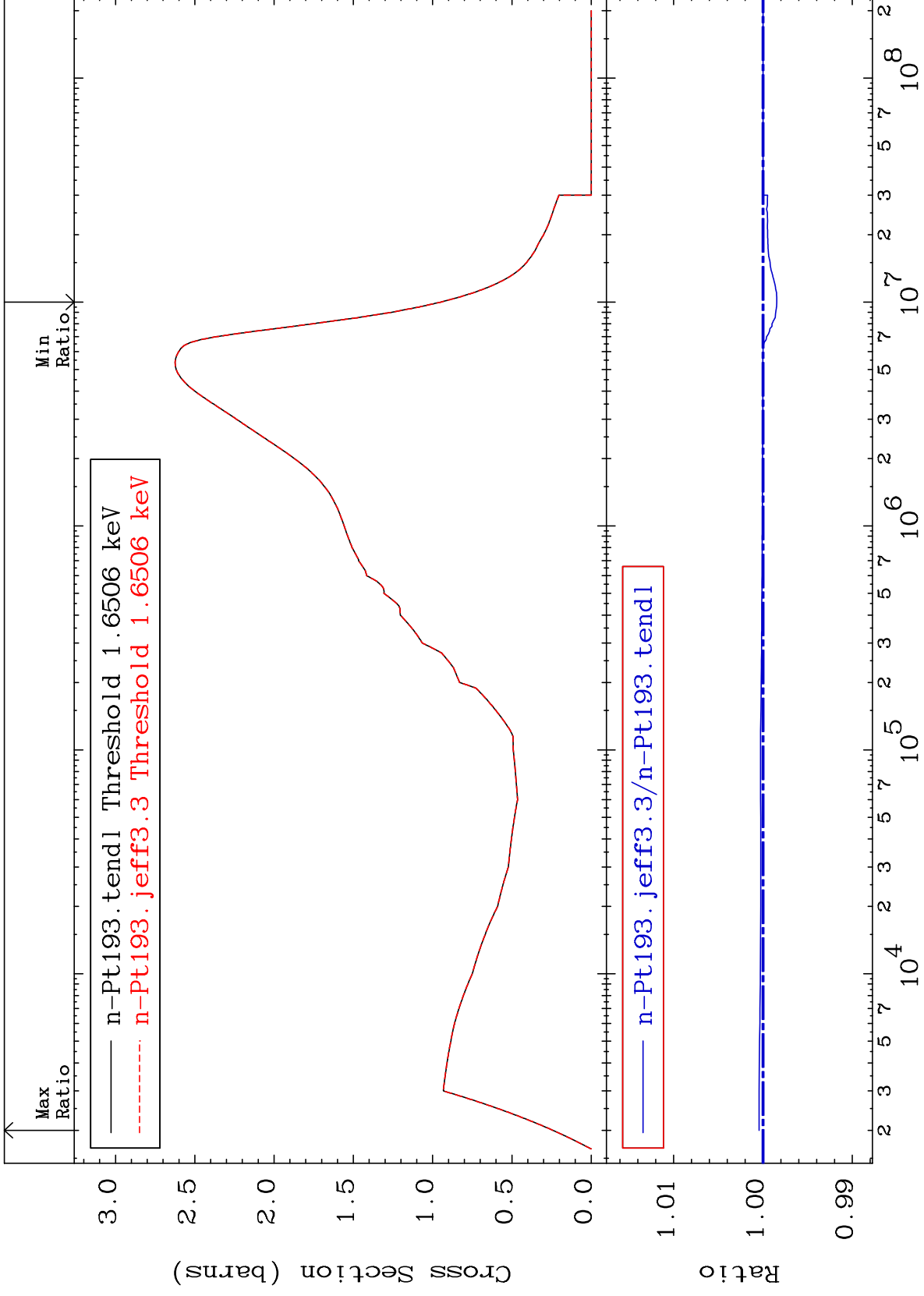
Incident Energy (eV)

2

MAT 7834

Inelastic
Cross Section

78-Pt-193
-0.155 To 0.044 %



MAT 7834

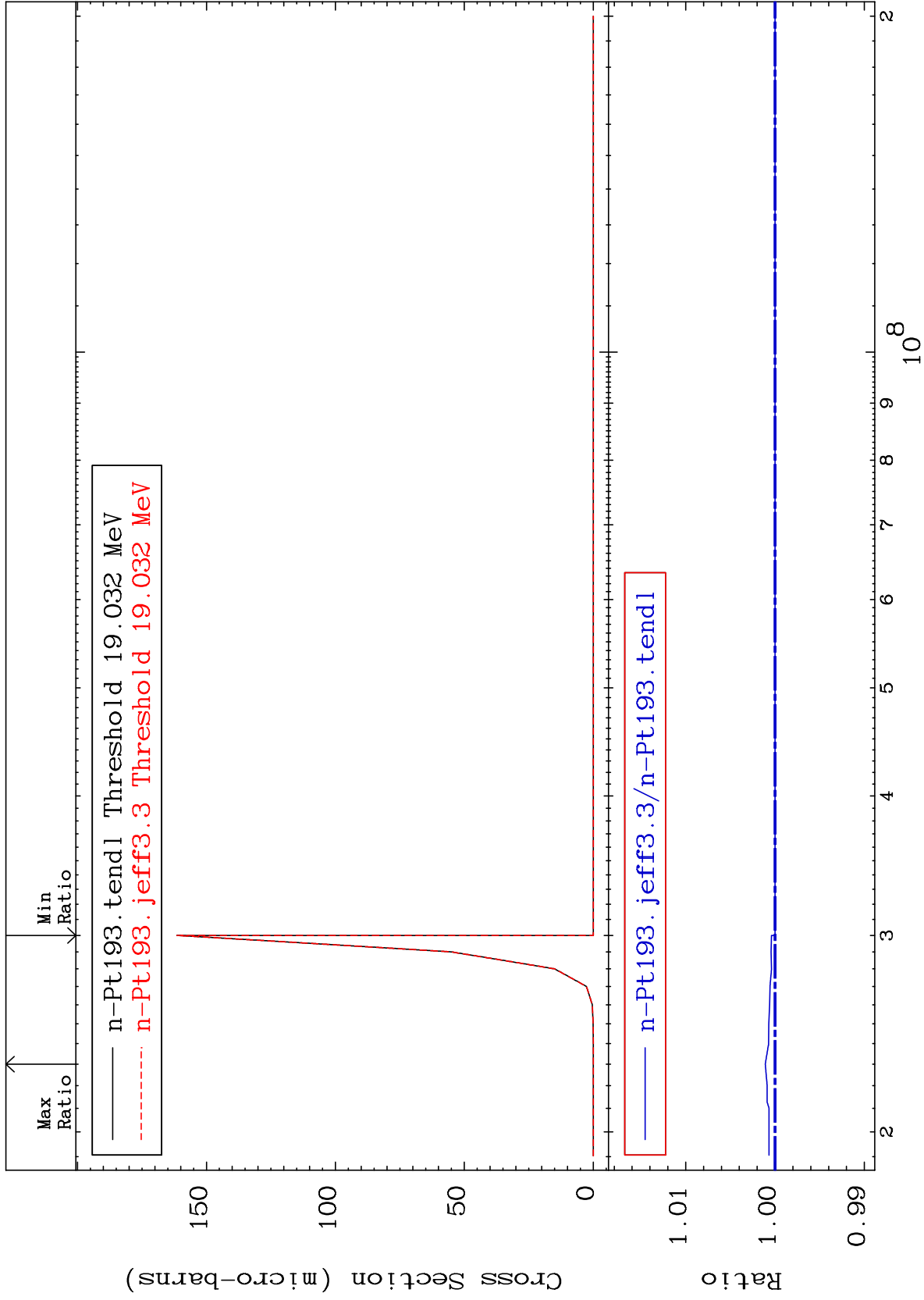
(n,2n) d

78-Pt-193

Cross Section

0.000

To 0.110 %



78-Pt-193

4

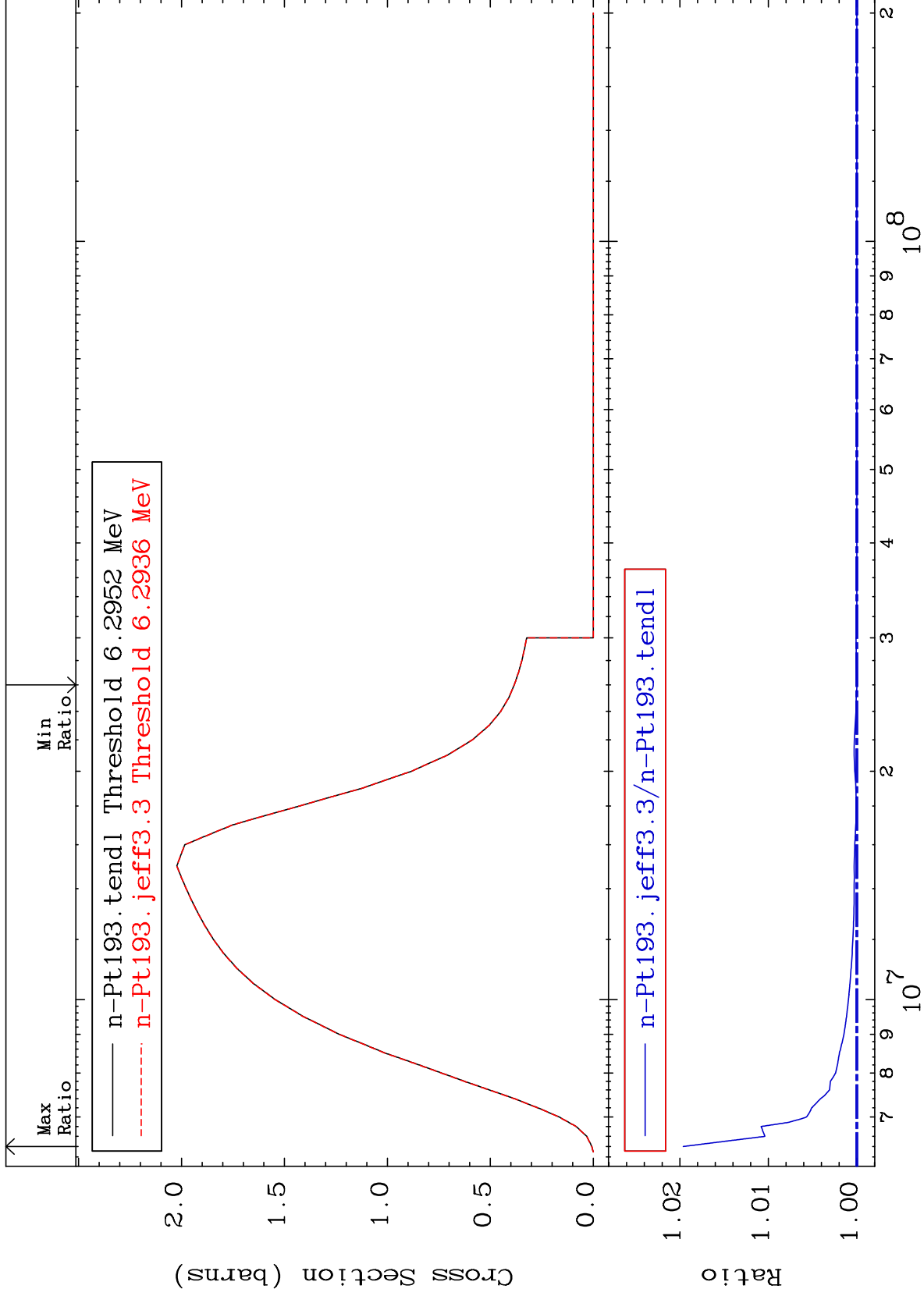
MAT 7834

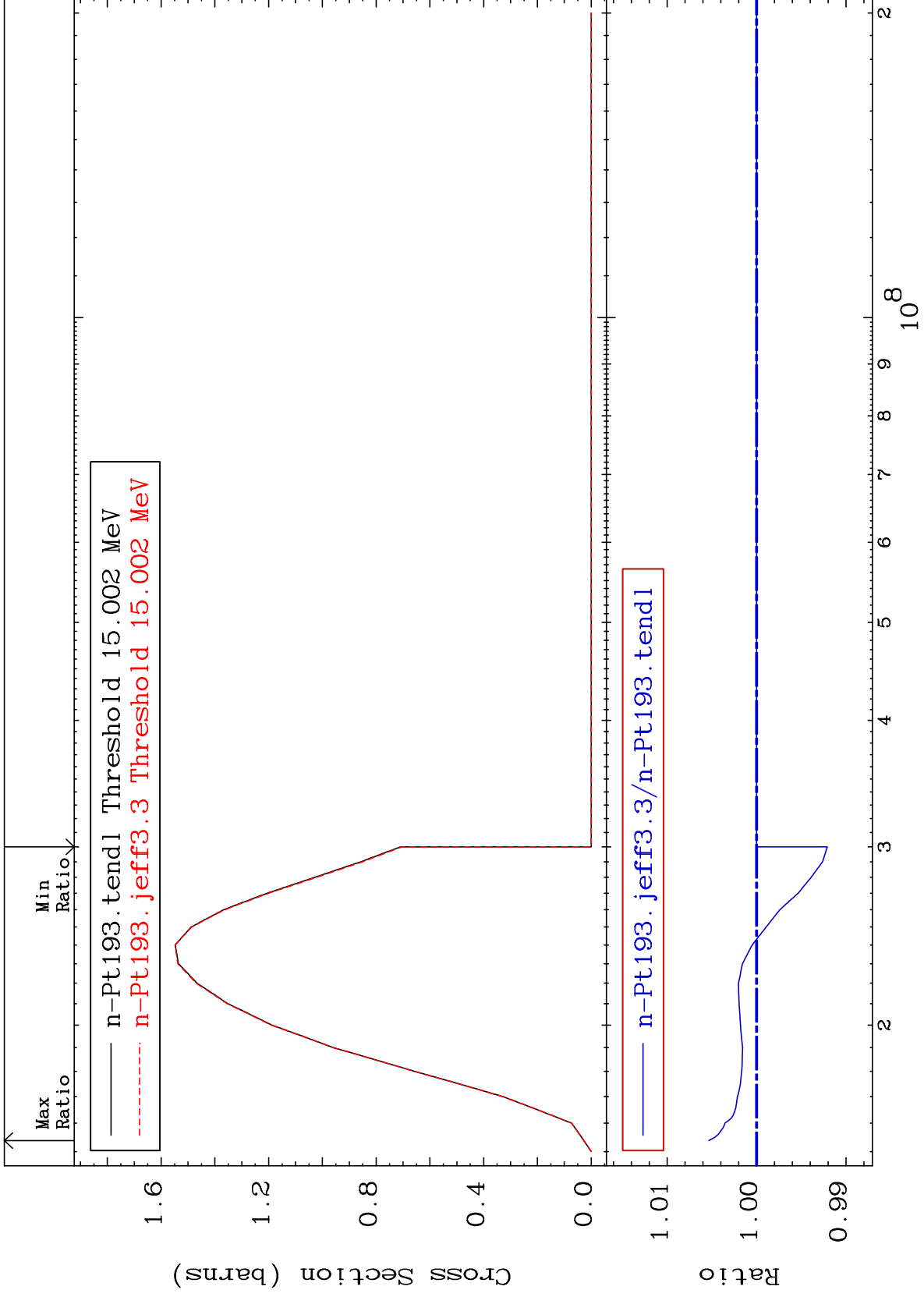
(n,2n)

78-Pt-193

Cross Section

-0.002 To 1.961 %

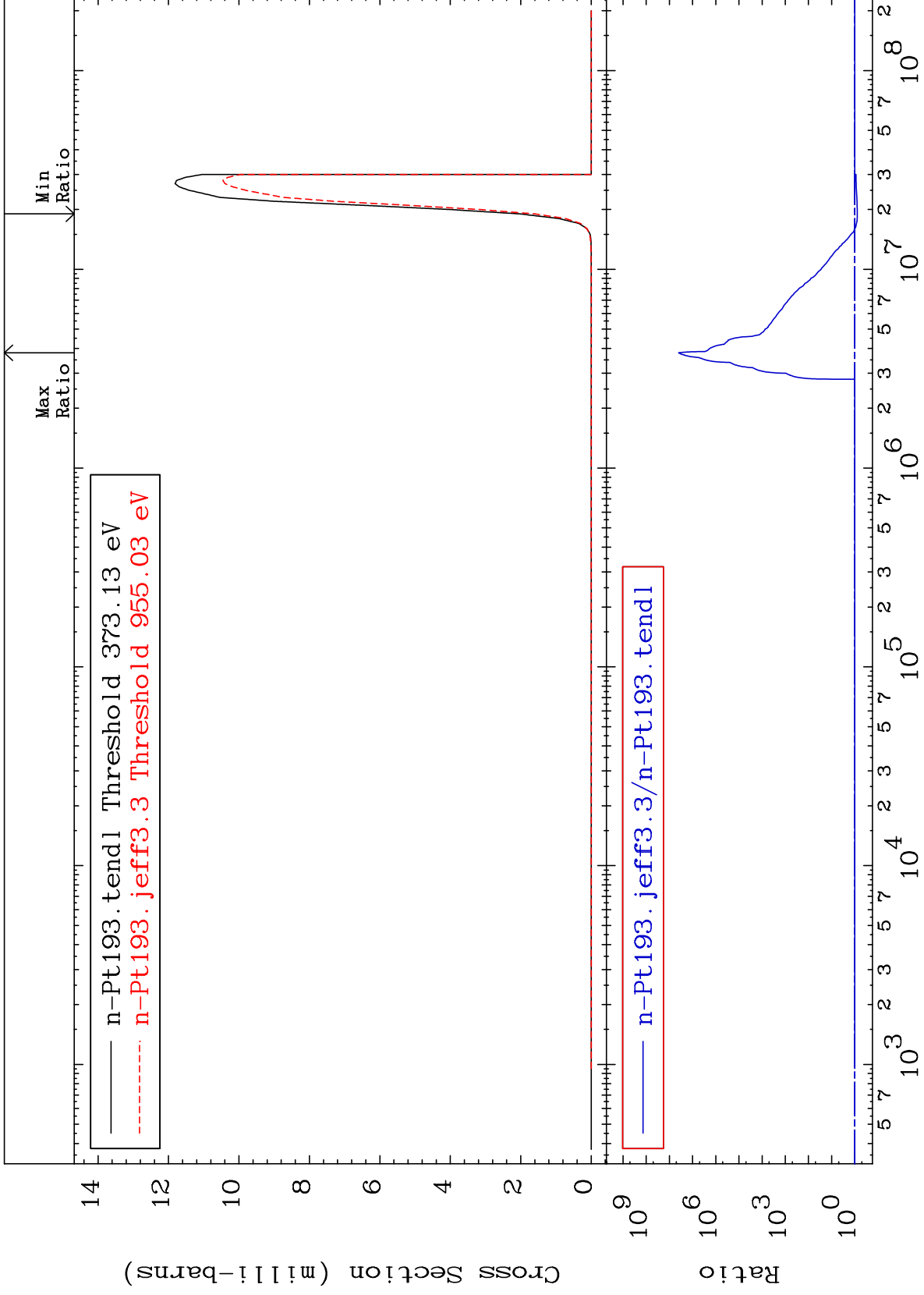




MAT 7834

(n, n') α
Cross Section

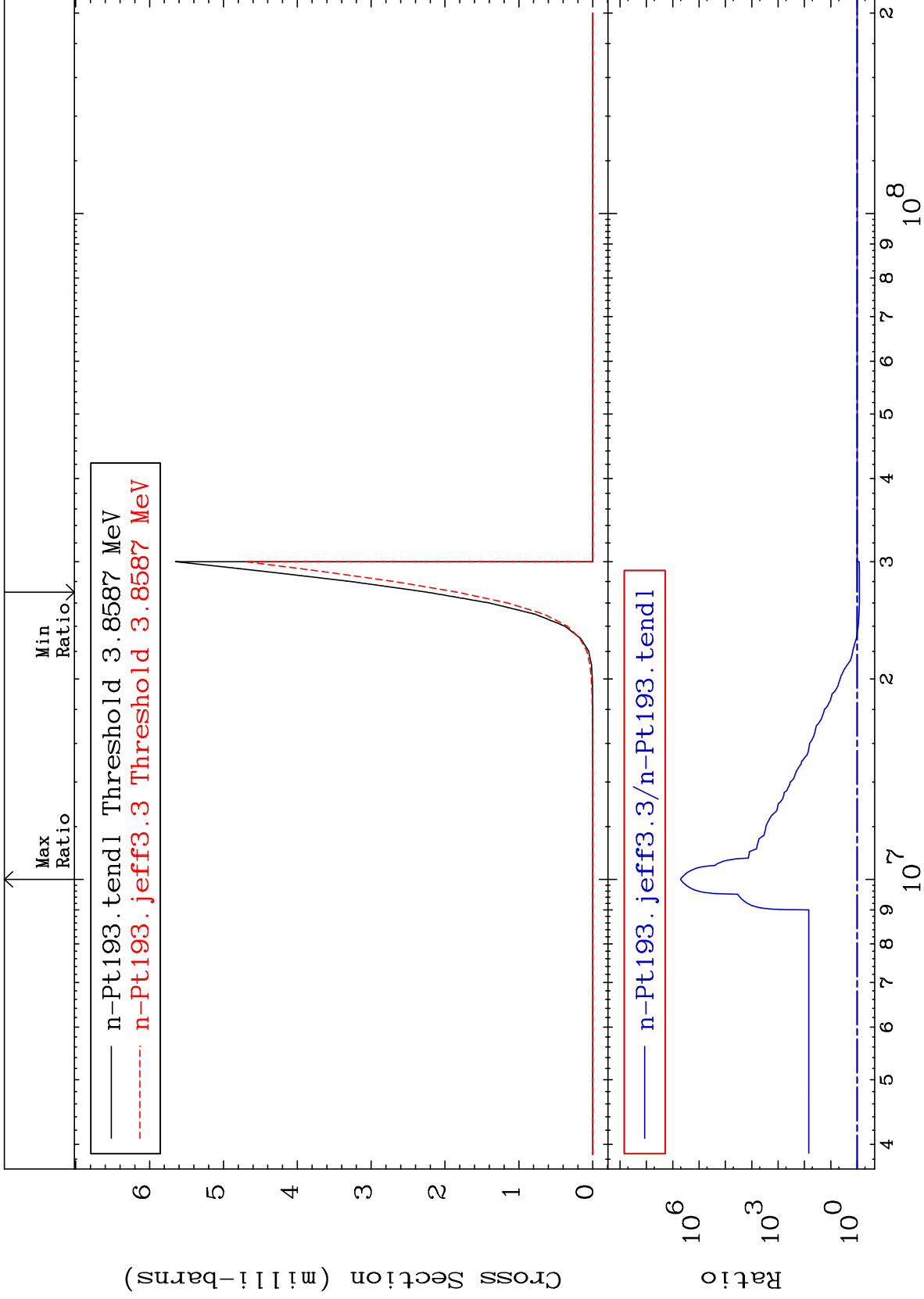
78-Pt-193
-21.24 To 9999. %



MAT 7834

(n,2n) α
Cross Section

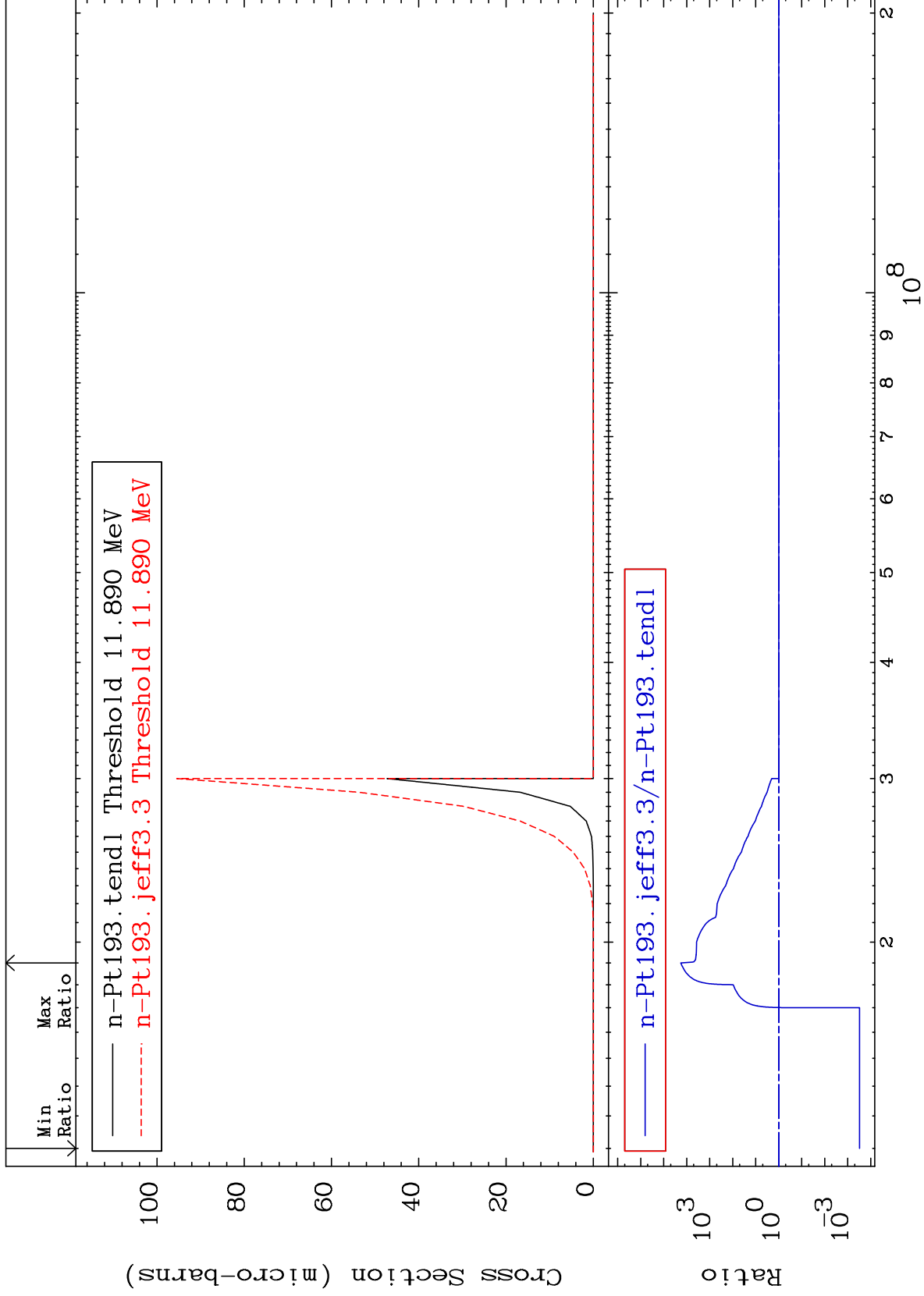
78-Pt-193
-18.13 To 9999. %



8

Incident Energy (eV)

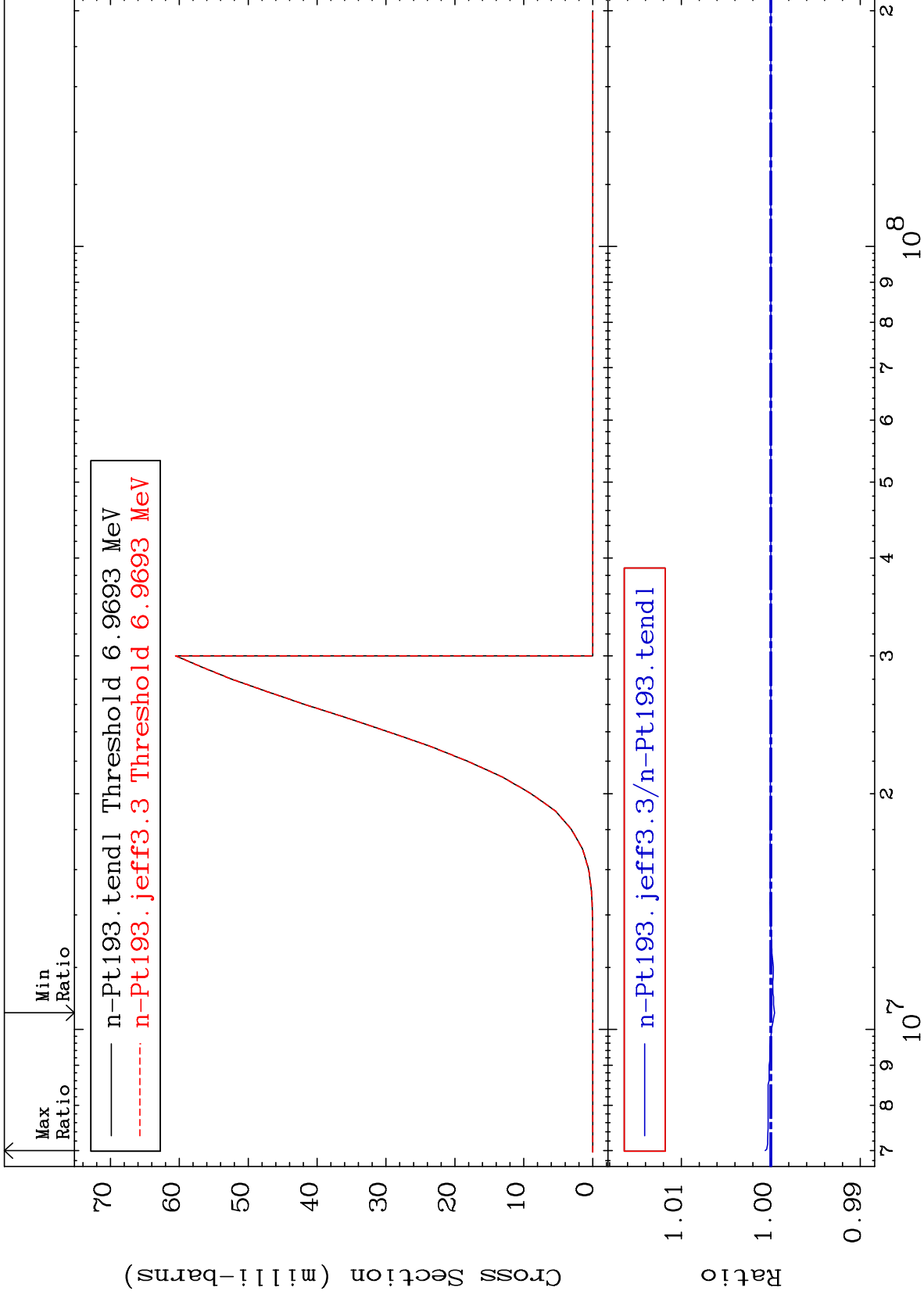
78-Pt-193



MAT 7834

(n,n') p
Cross Section

78-Pt-193
-0.042 To 0.062 %



10

Incident Energy (eV)

78-Pt-193

MAT 7834

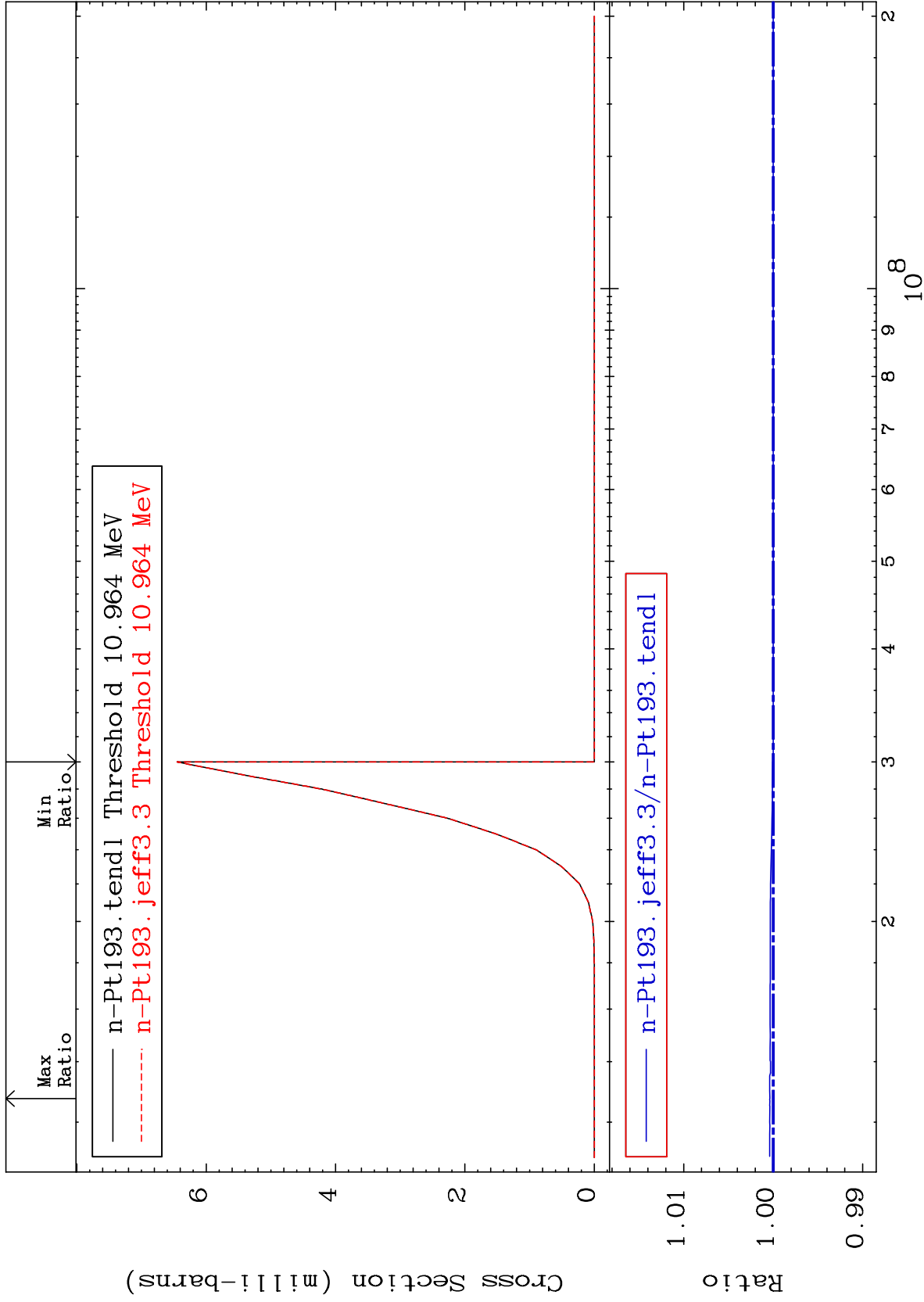
(n,n') d

78-Pt-193

Cross Section

0.000

To 0.039 %



11

Incident Energy (eV)

78-Pt-193

MAT 7834

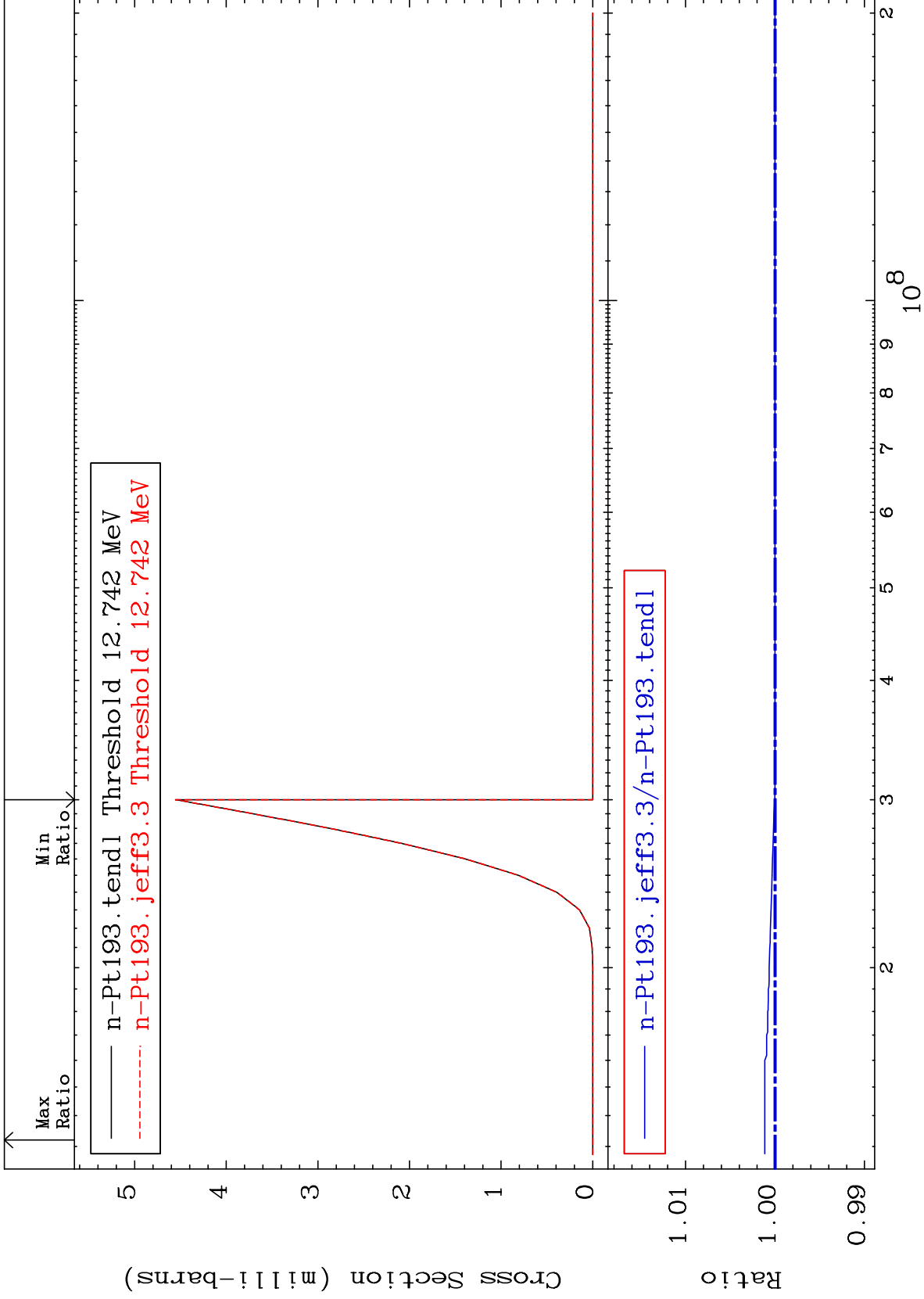
(n,n') t

78-Pt-193

Cross Section

0.000

To 0.115 %



12

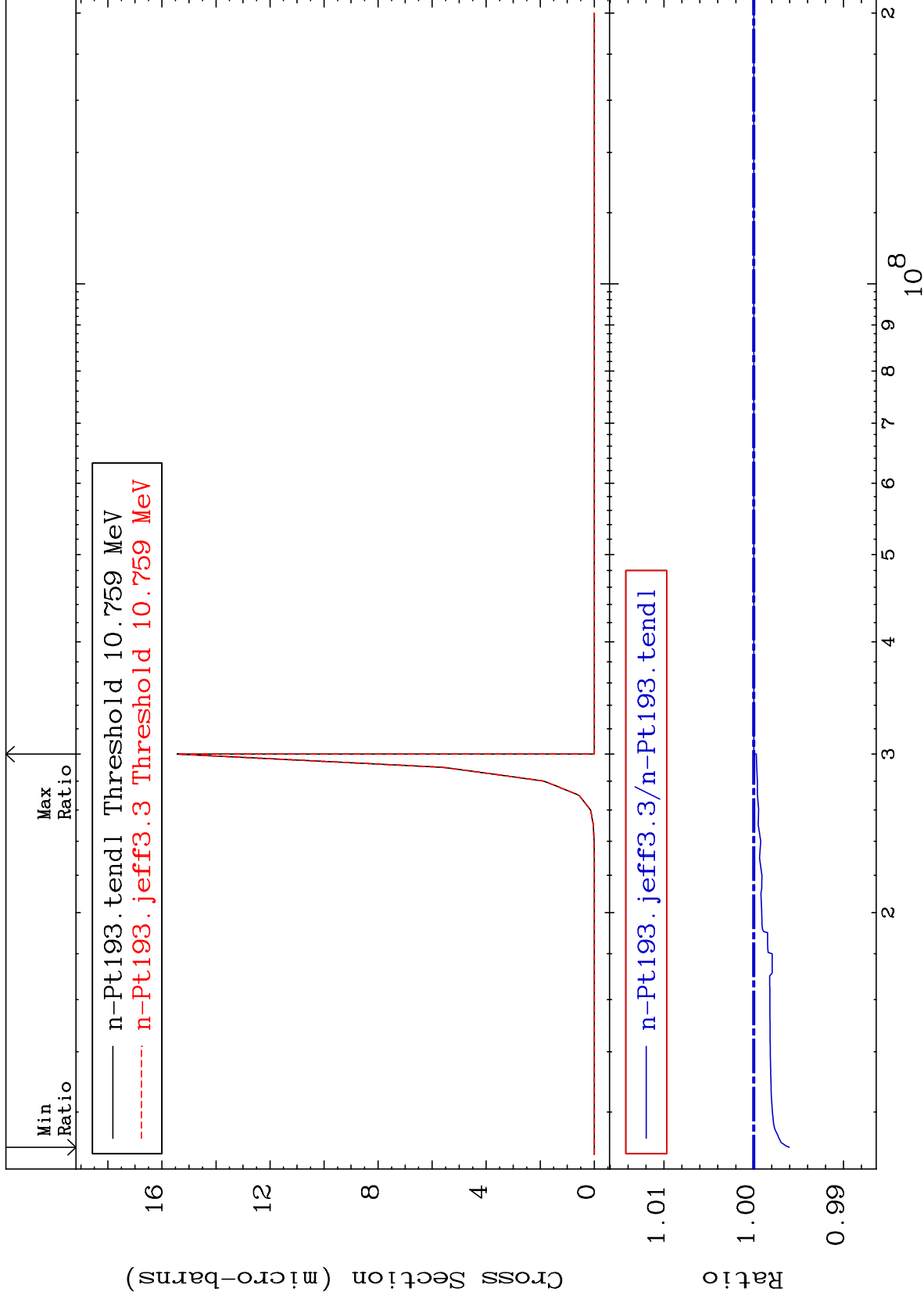
Incident Energy (eV)

78-Pt-193

MAT 7834

(n, n') He-3
Cross Section

78-Pt-193
-0.395 To 0.000 %



MAT 7834

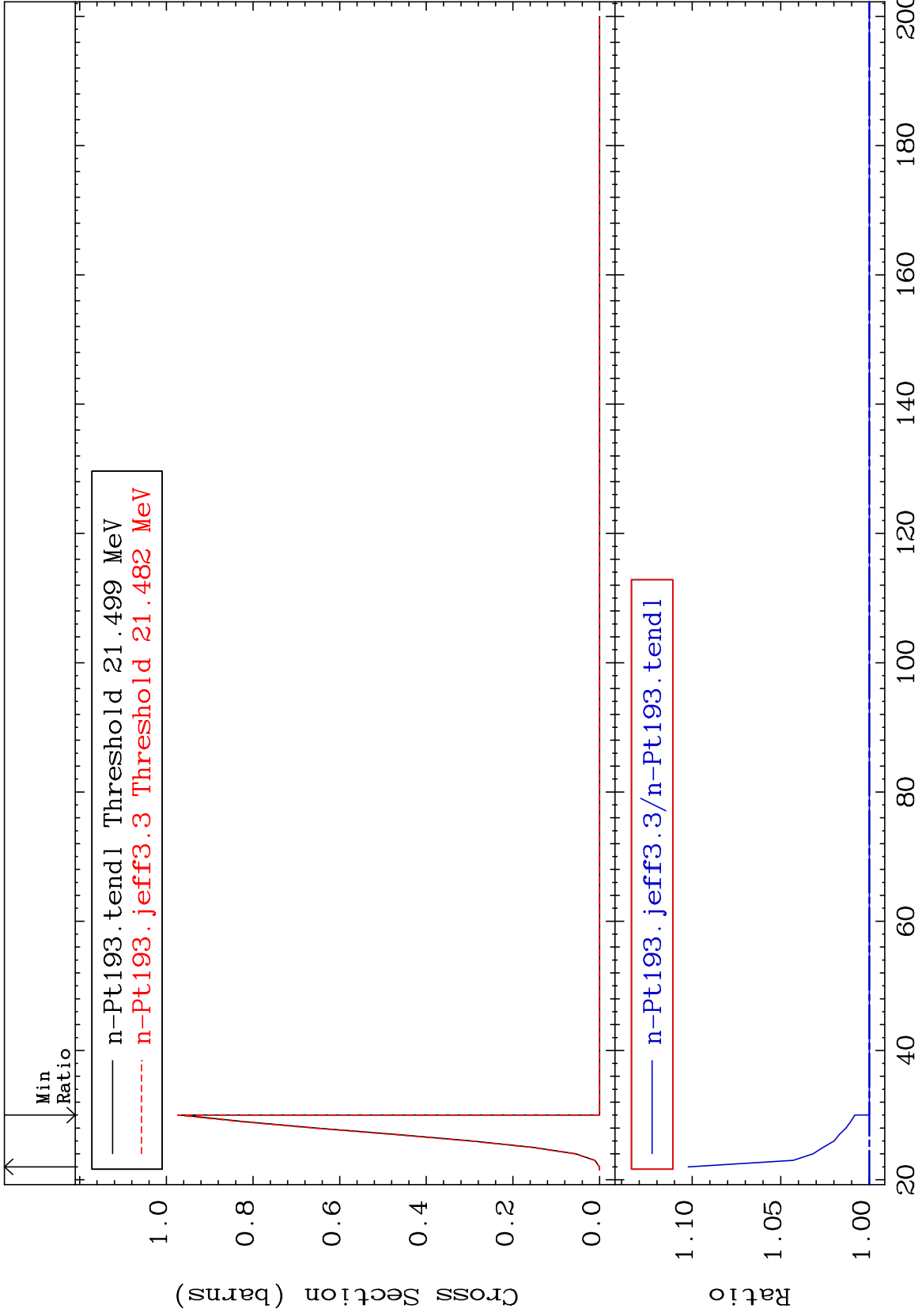
(n,4n)

78-Pt-193

Cross Section

0.000

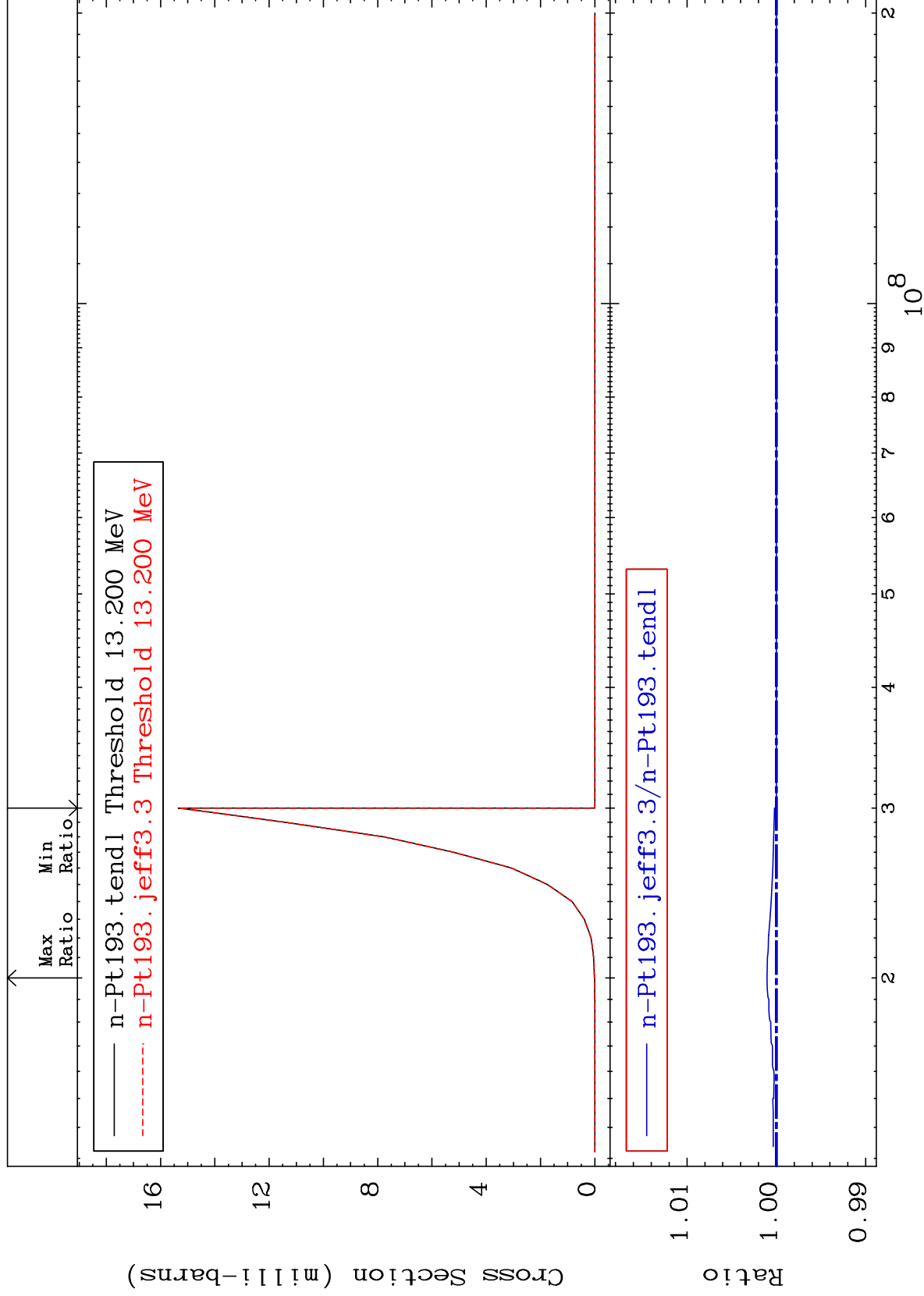
To 10.23 %



MAT 7834

(n,2n) p
Cross Section

78-Pt-193
To 0.104 %



15

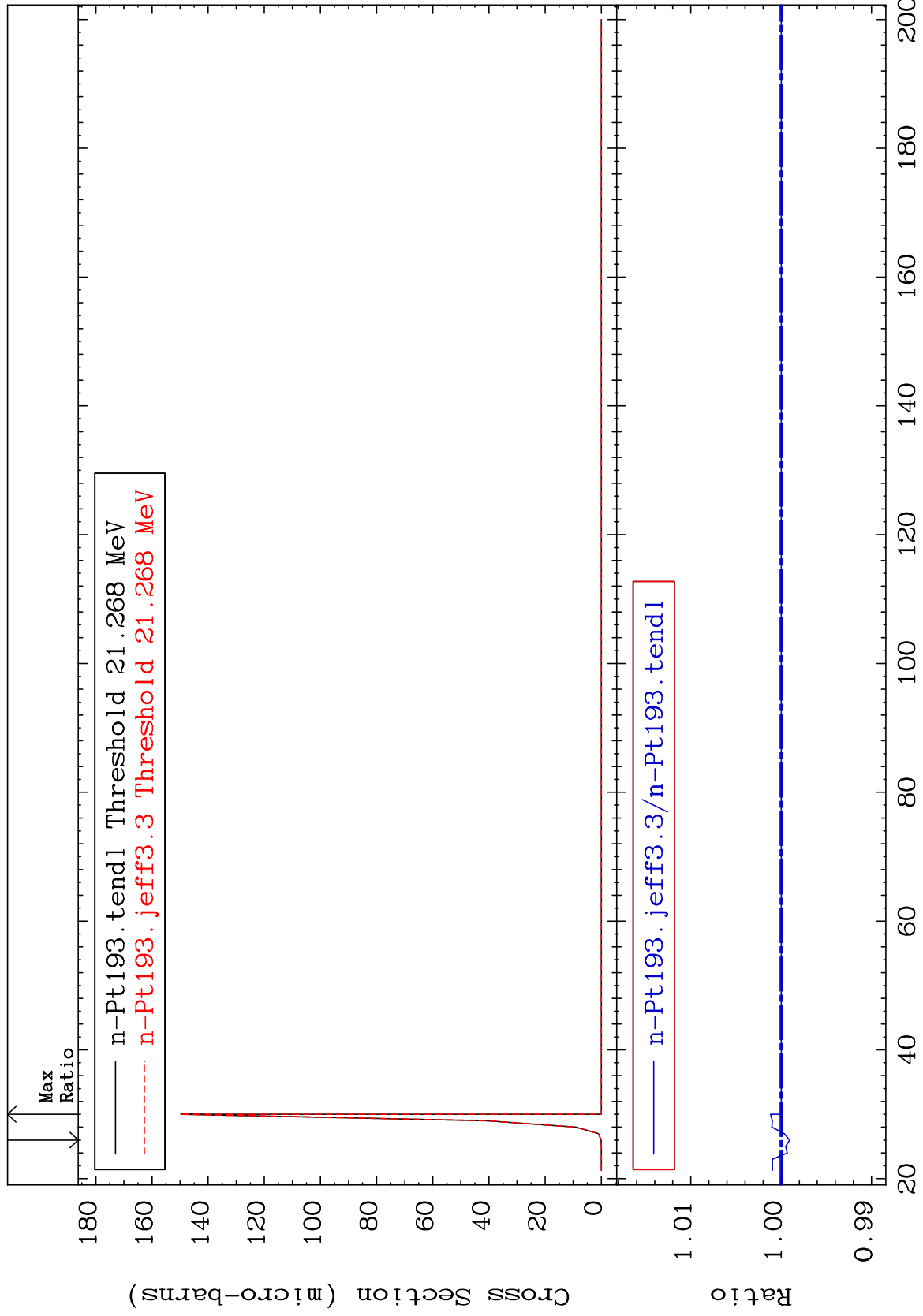
Incident Energy (eV)

78-Pt-193

MAT 7834

(n,3n) p
Cross Section

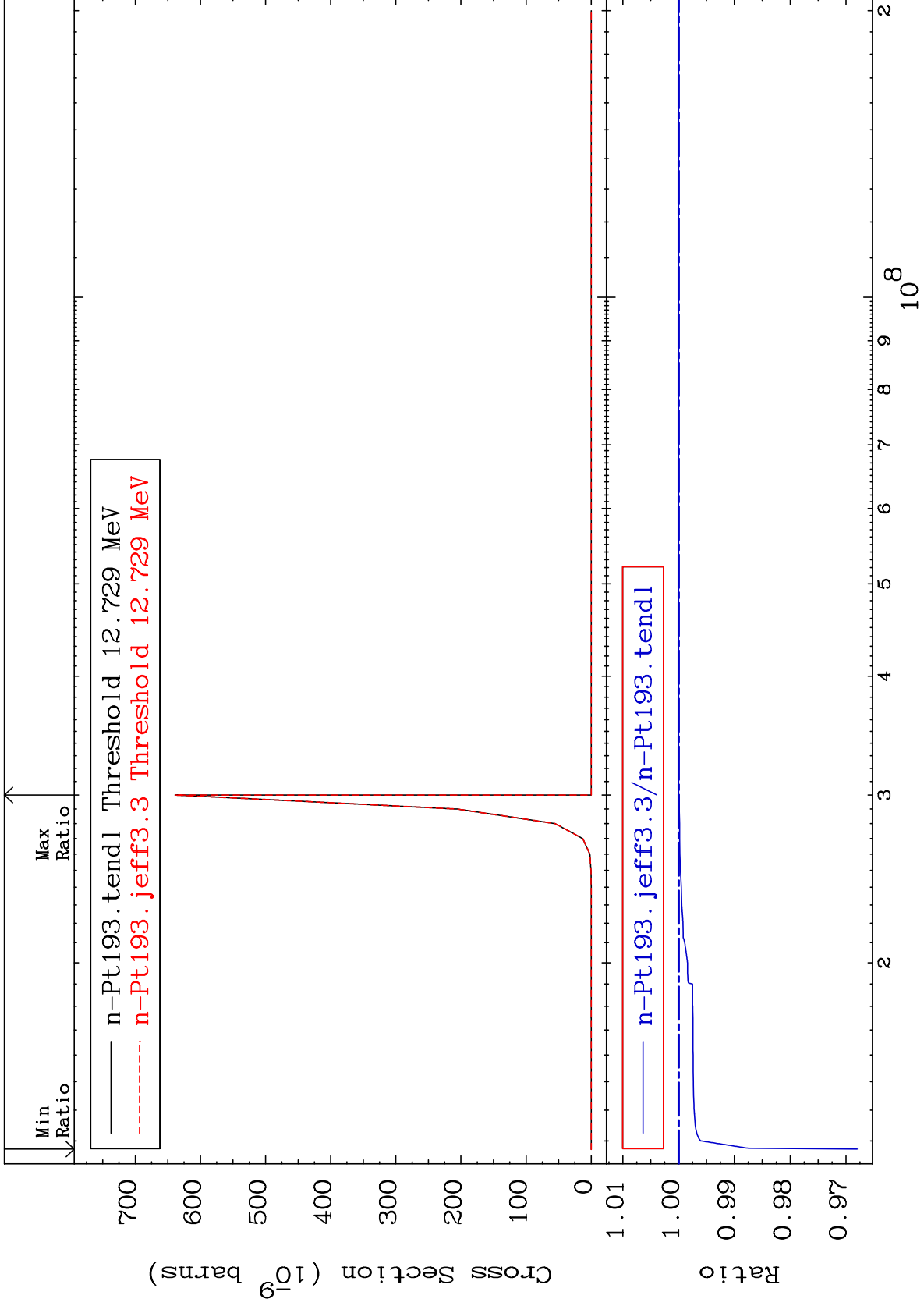
78-Pt-193
-0.095 To 0.118 %



16

Incident Energy (MeV)

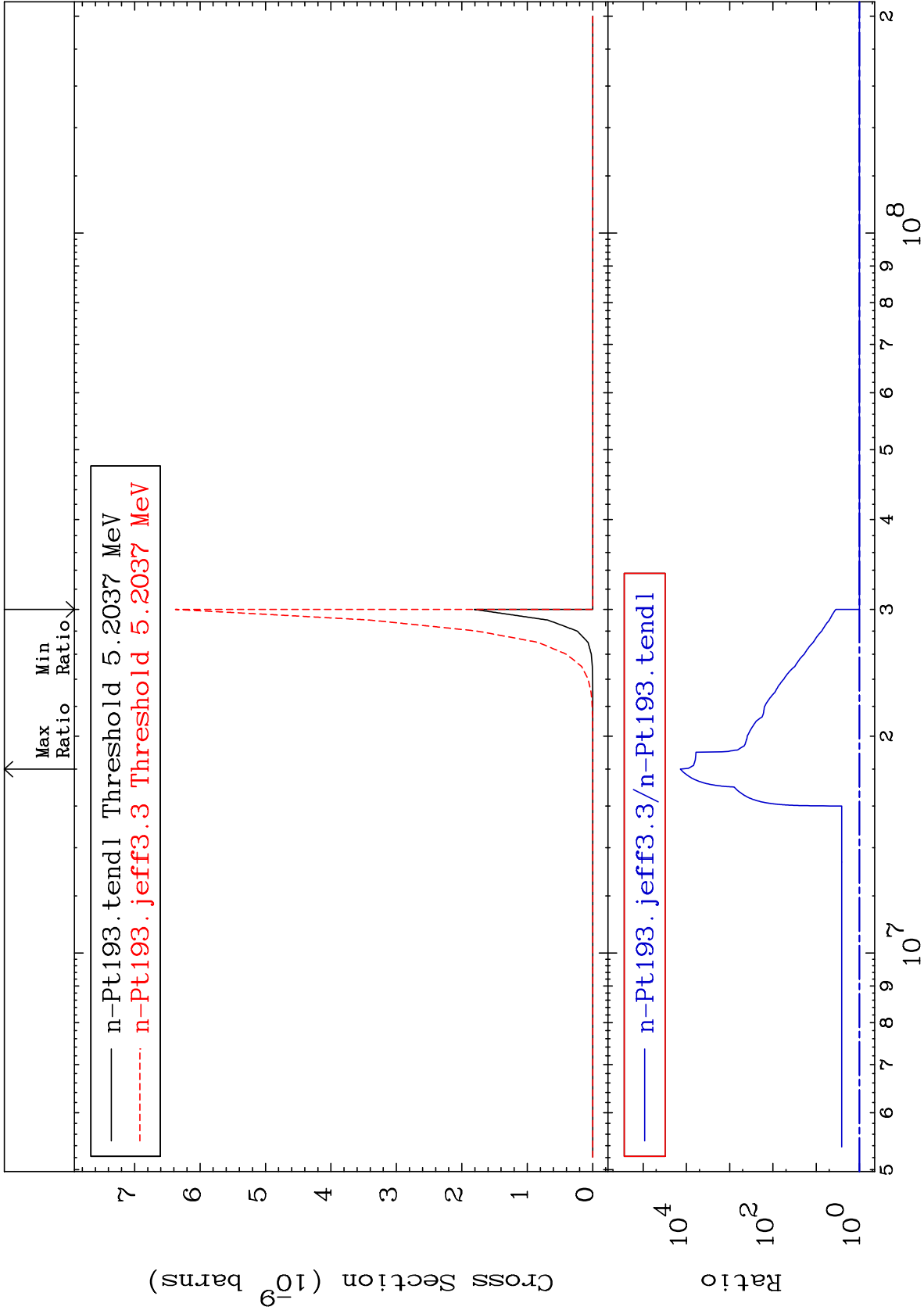
78-Pt-193



MAT 7834

(n,n') p α
Cross Section

78-Pt-193
0.000 To 9999. %



18

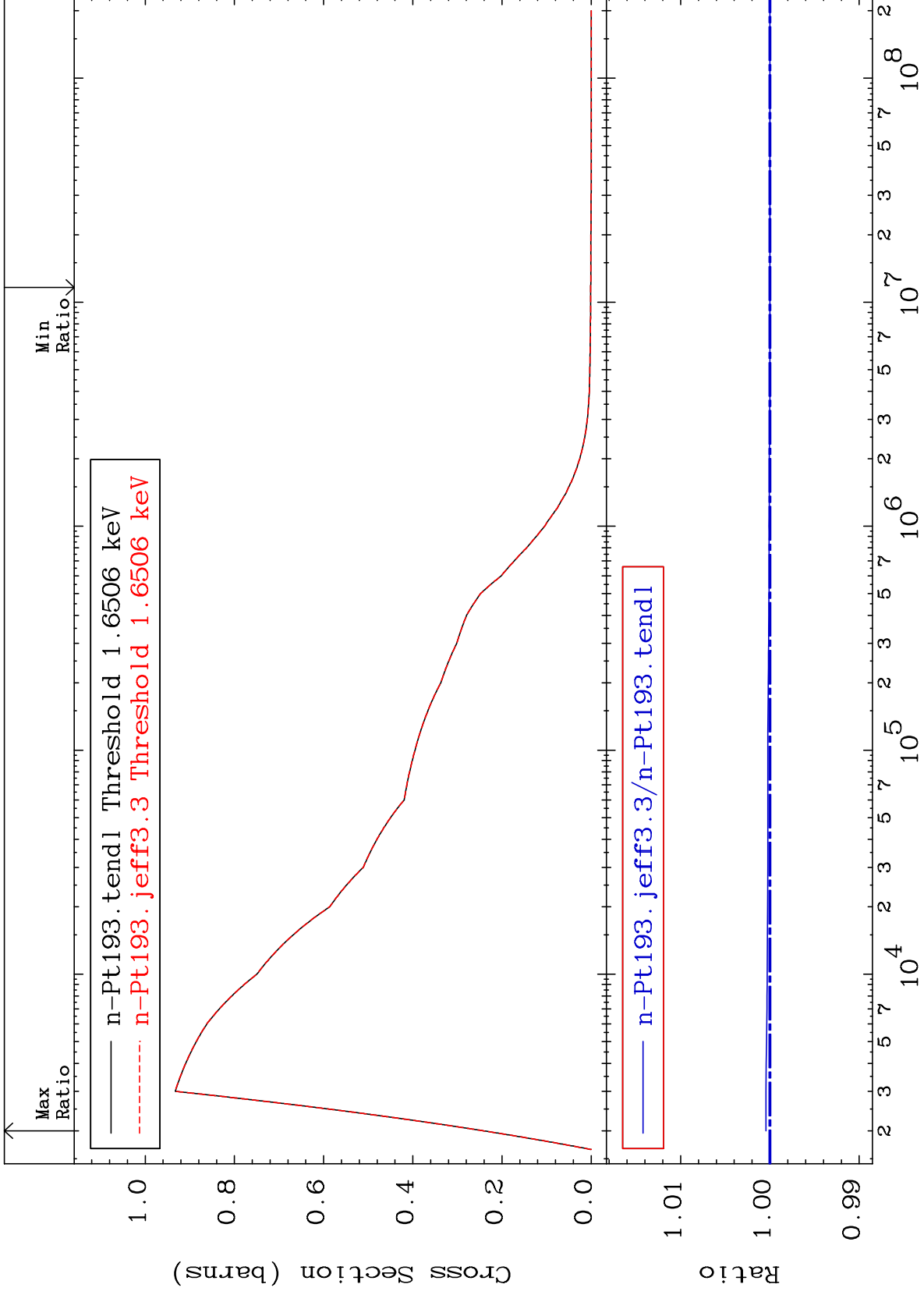
Incident Energy (eV)

78-Pt-193

MAT 7834

MT= 51 (n,n') Level
Cross Section

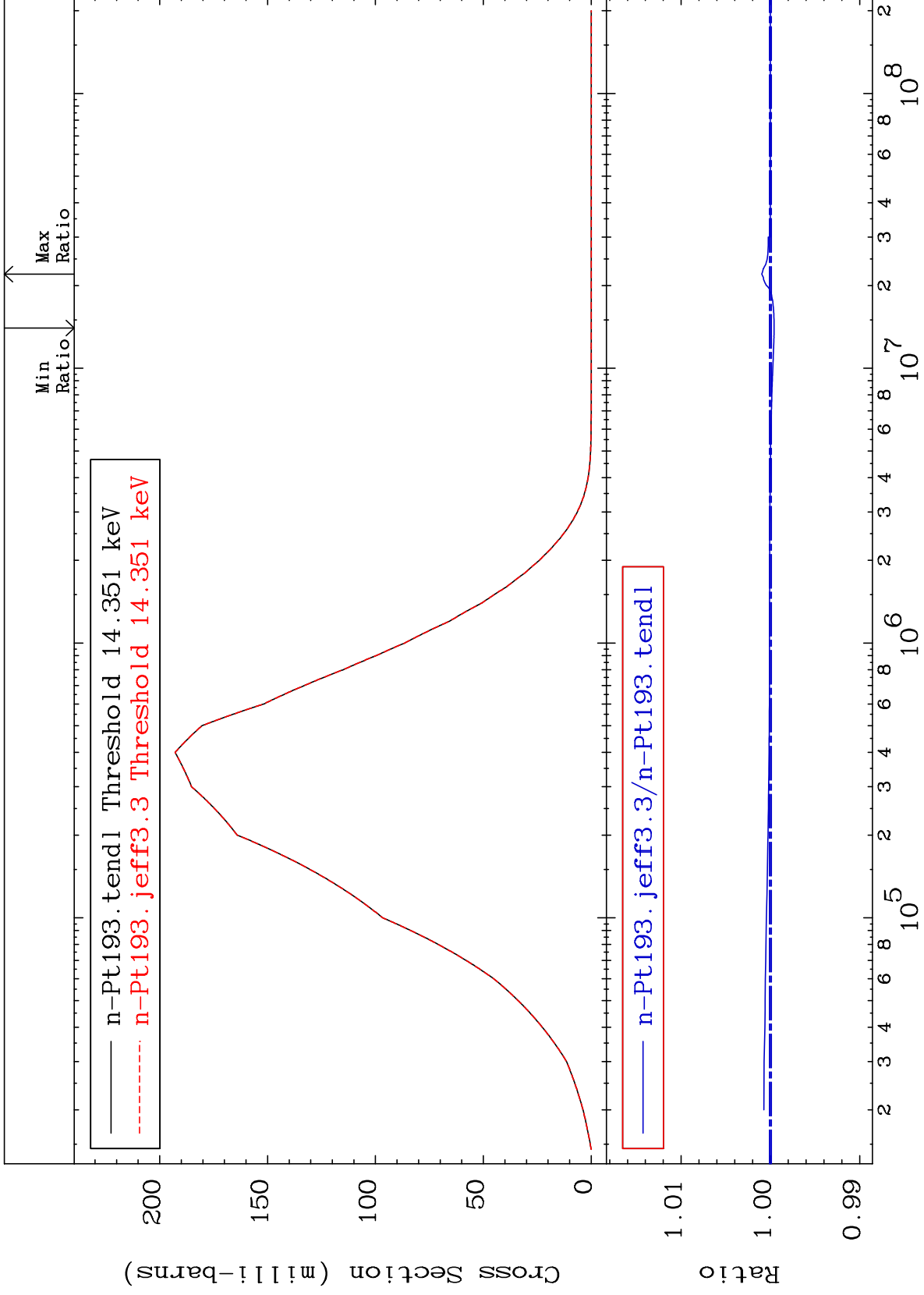
78-Pt-193
0.000 To 0.044 %



MAT 7834

MT= 52 (n,n') Level
Cross Section

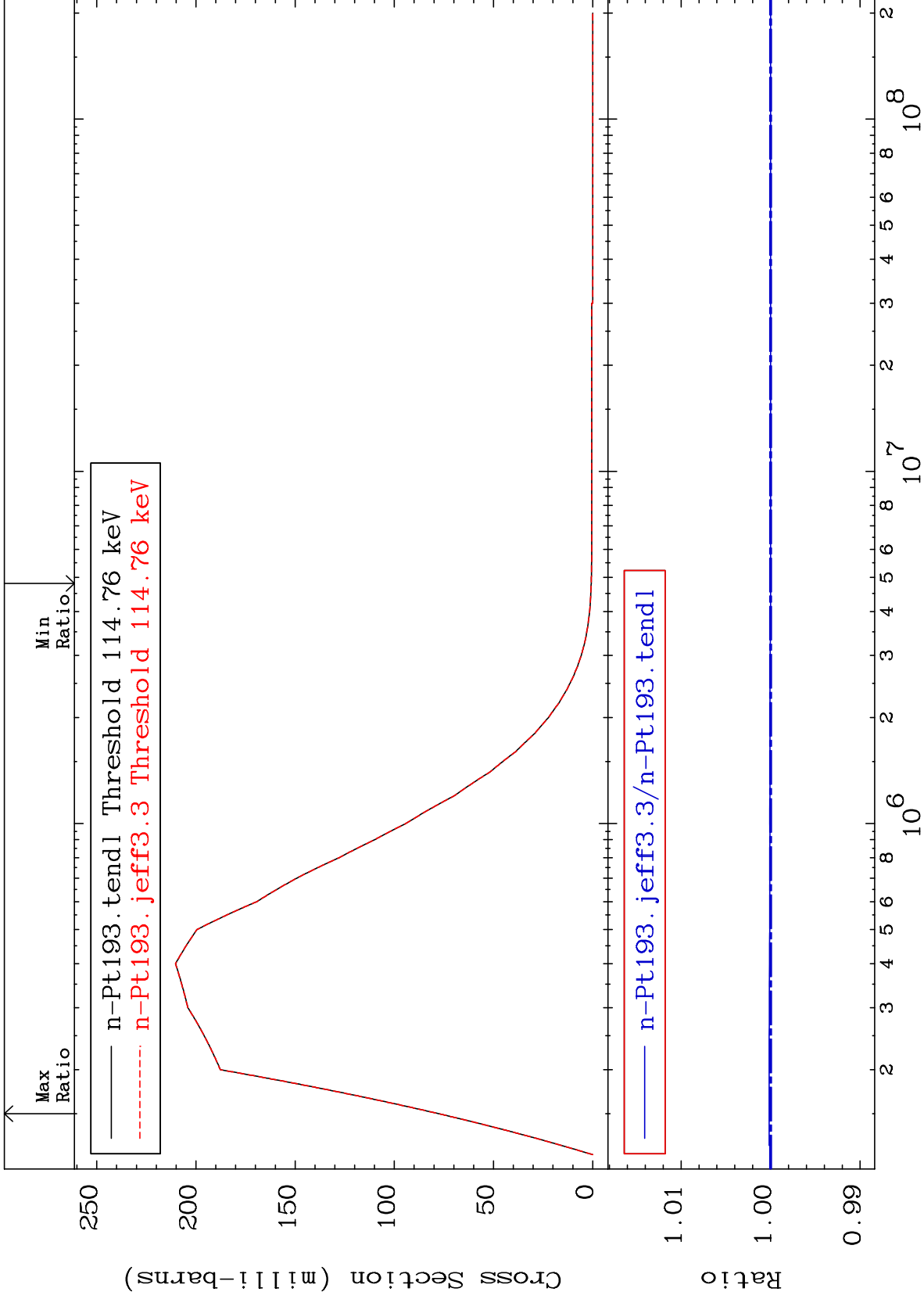
78-Pt-193
-0.041 To 0.096 %



MAT 7834

MT= 53 (n,n') Level
Cross Section

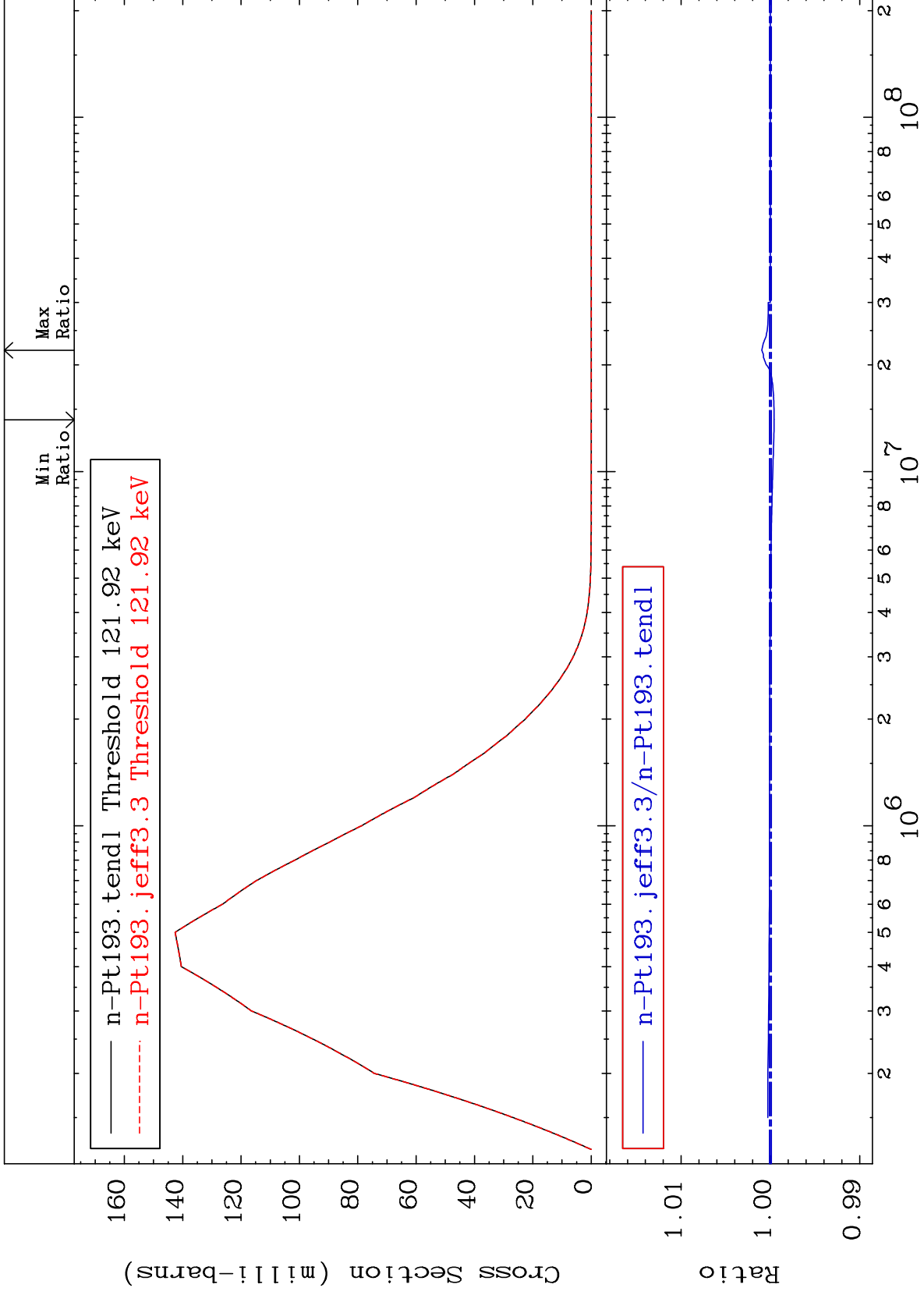
78-Pt-193
0.000 To 0.017 %



MAT 7834

MT= 54 (n,n') Level
Cross Section

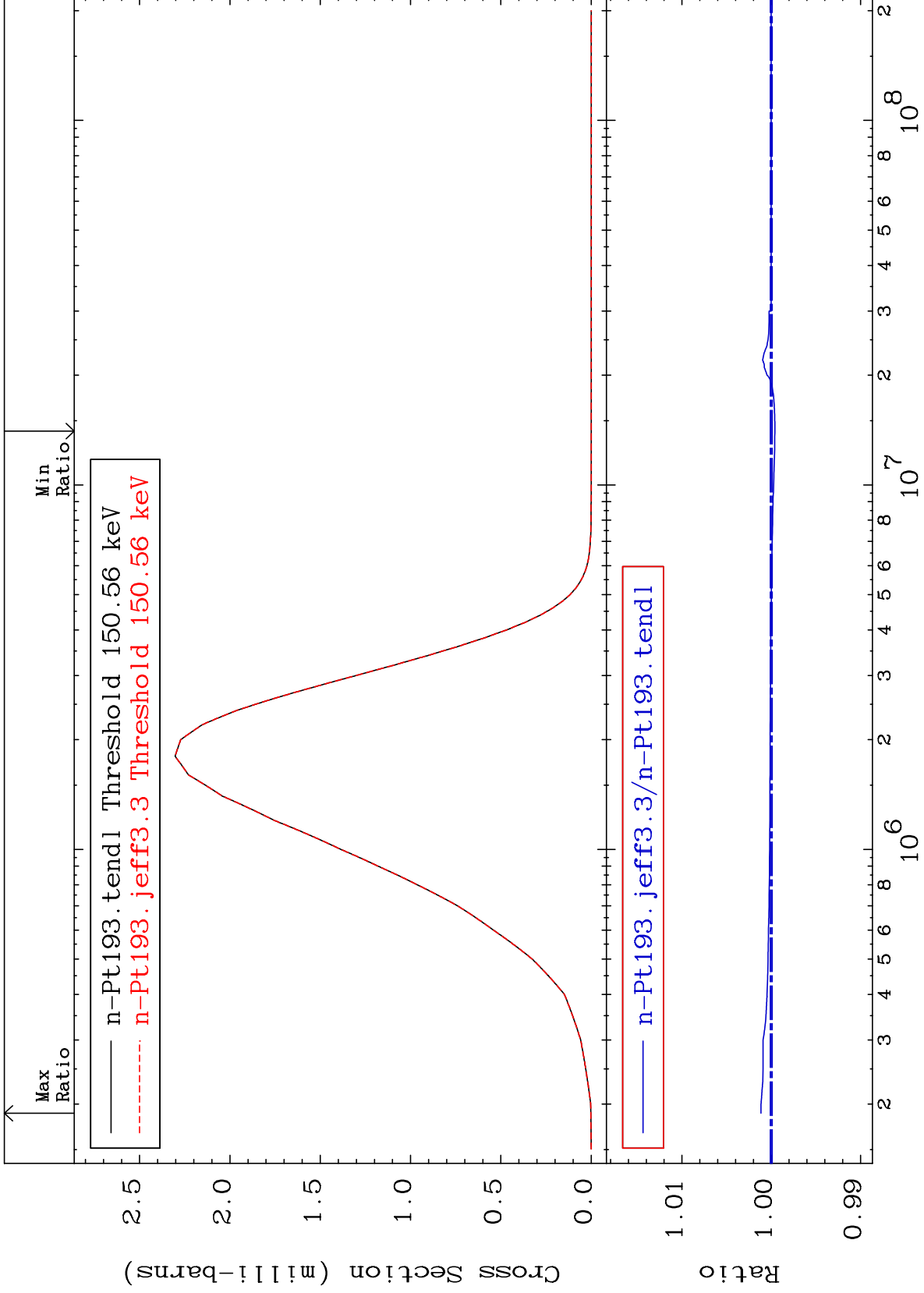
78-Pt-193
-0.041 To 0.096 %



MAT 7834

MT= 55 (n,n') Level
Cross Section

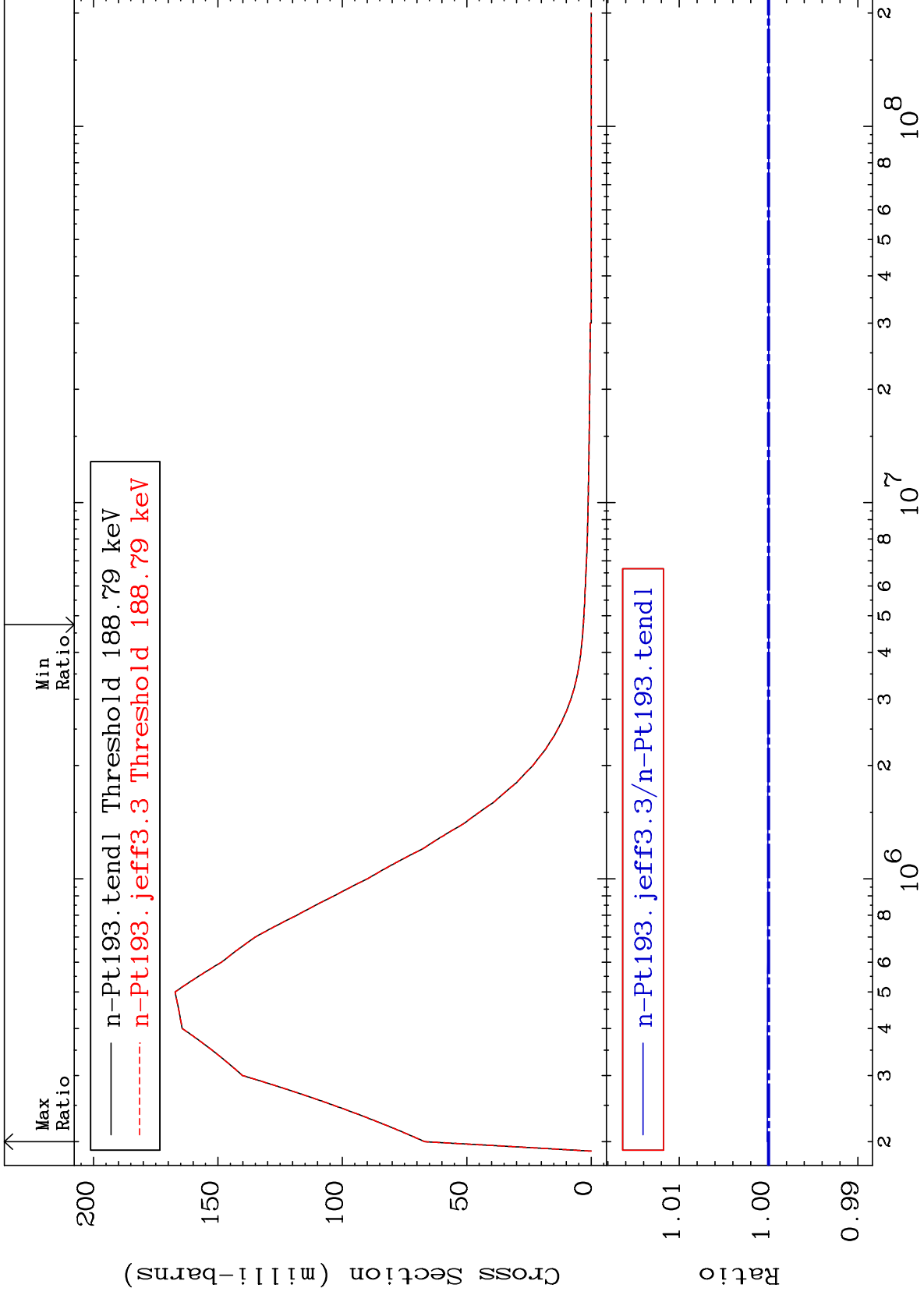
78-Pt-193
-0.041 To 0.115 %



MAT 7834

MT= 56 (n,n') Level
Cross Section

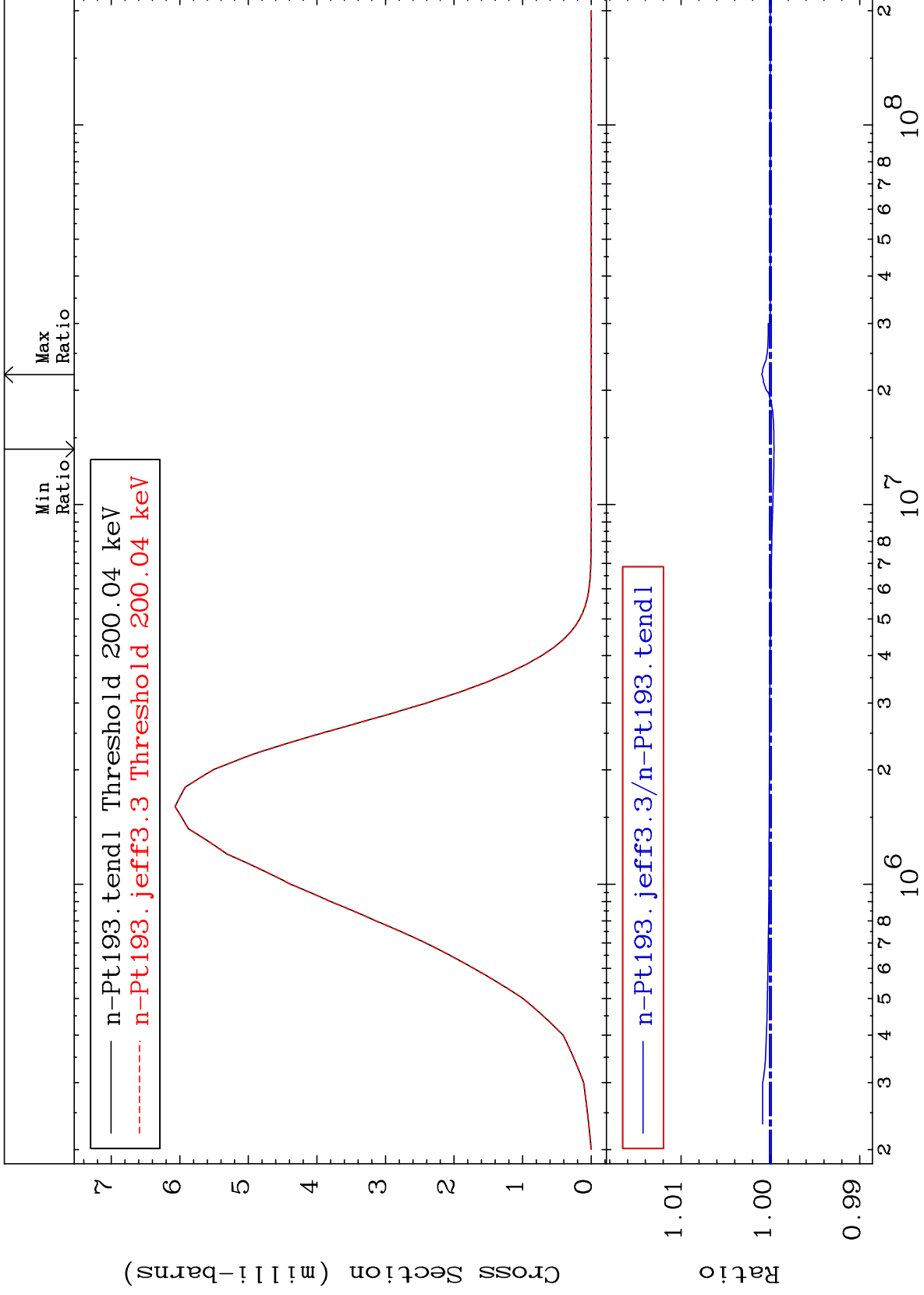
78-Pt-193
0.000 To 0.015 %



MAT 7834

MT= 57 (n,n') Level
Cross Section

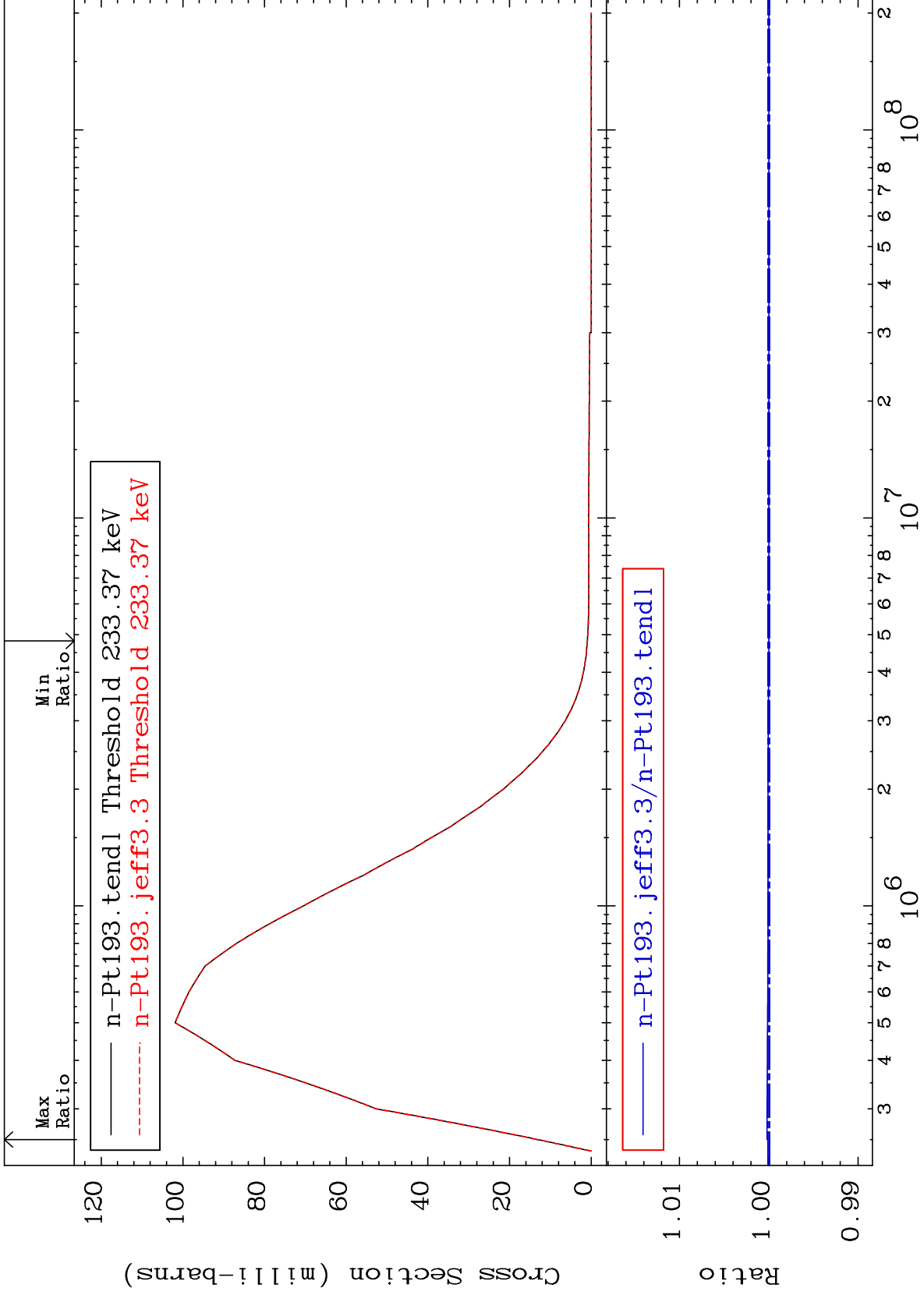
78-Pt-193
-0.041 To 0.096 %



MAT 7834

MT= 58 (n,n') Level
Cross Section

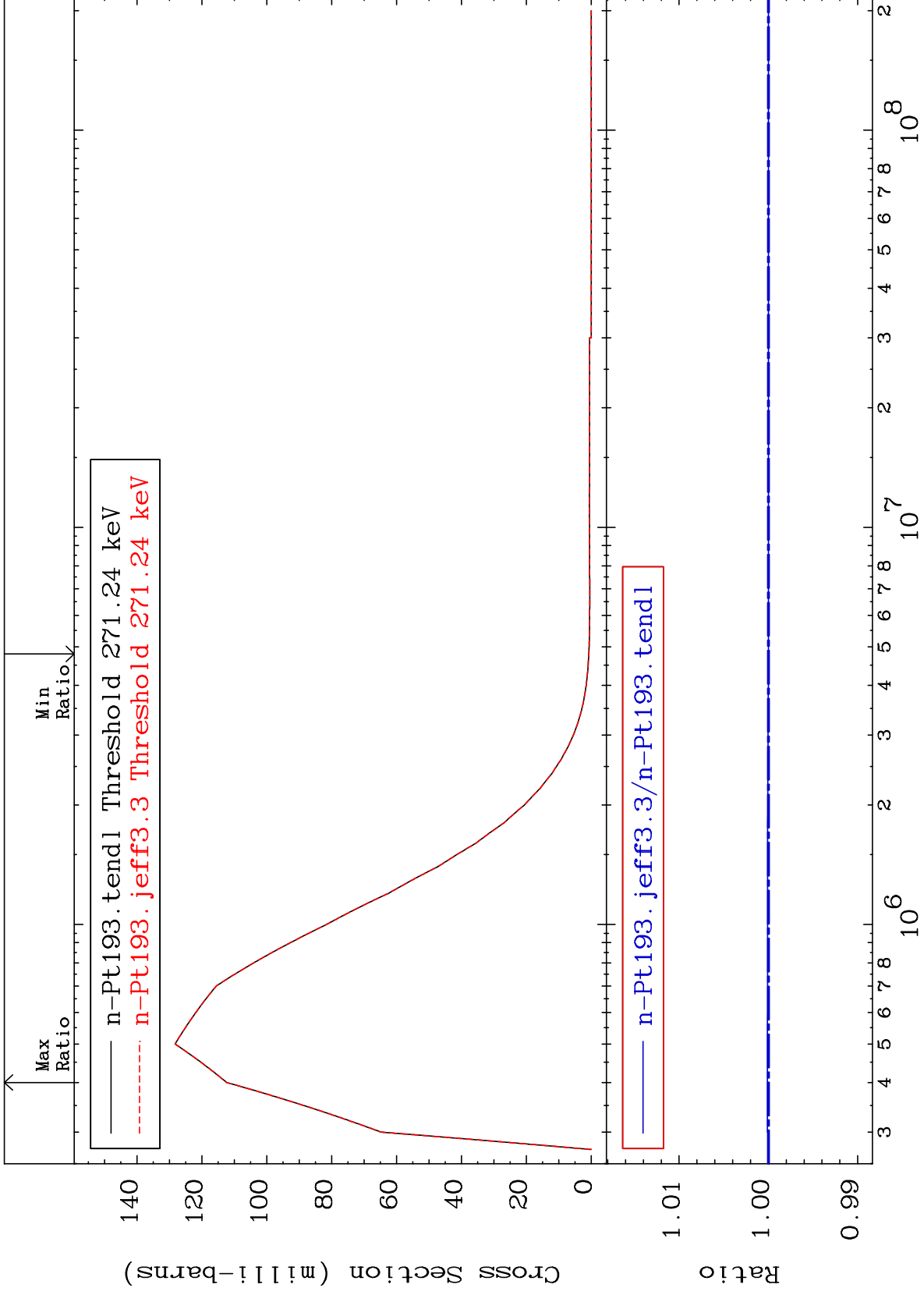
78-Pt-193
0.000 To 0.020 %



MAT 7834

MT= 59 (n,n') Level
Cross Section

78-Pt-193
-0.001 To 0.012 %



27

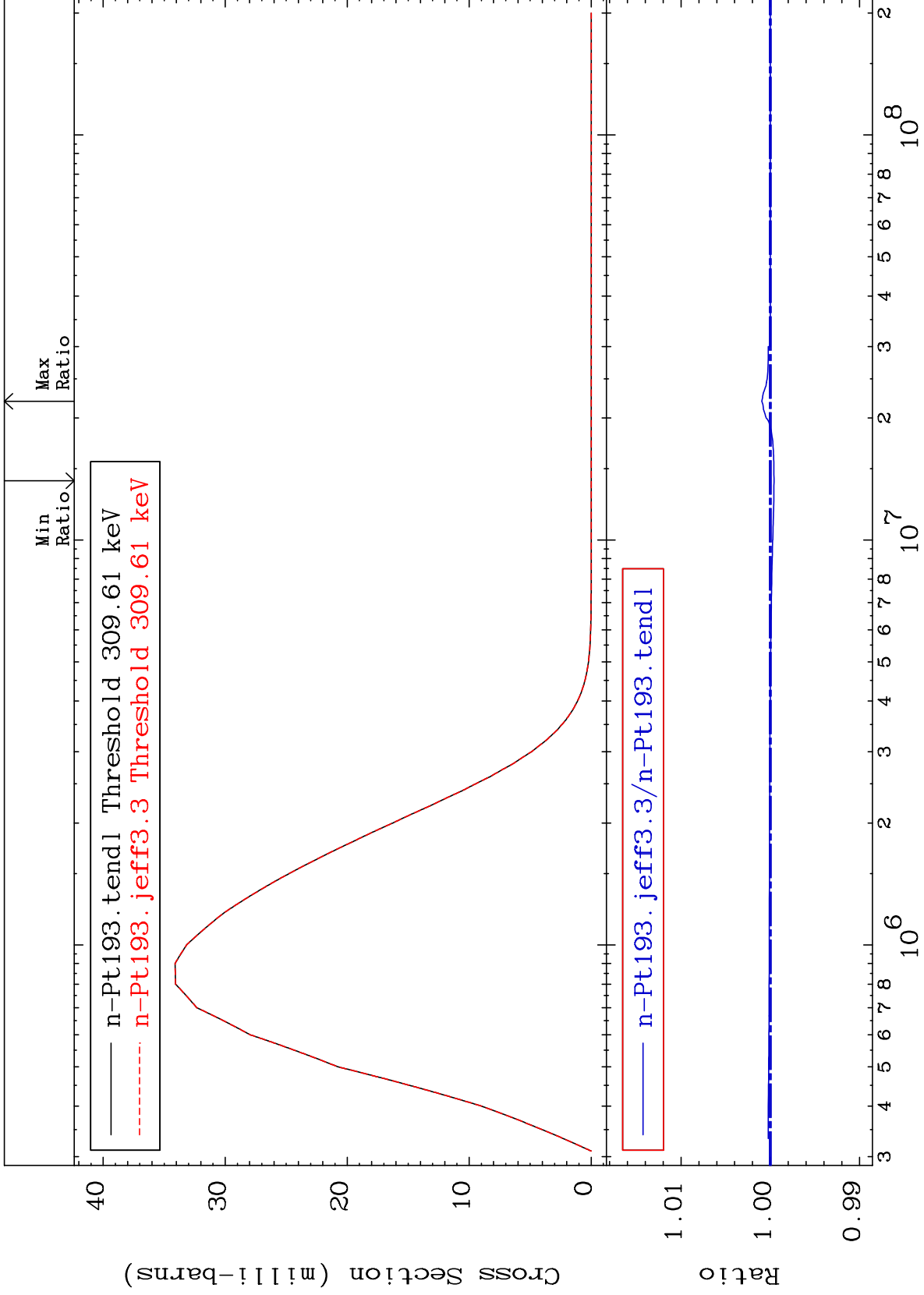
Incident Energy (eV)

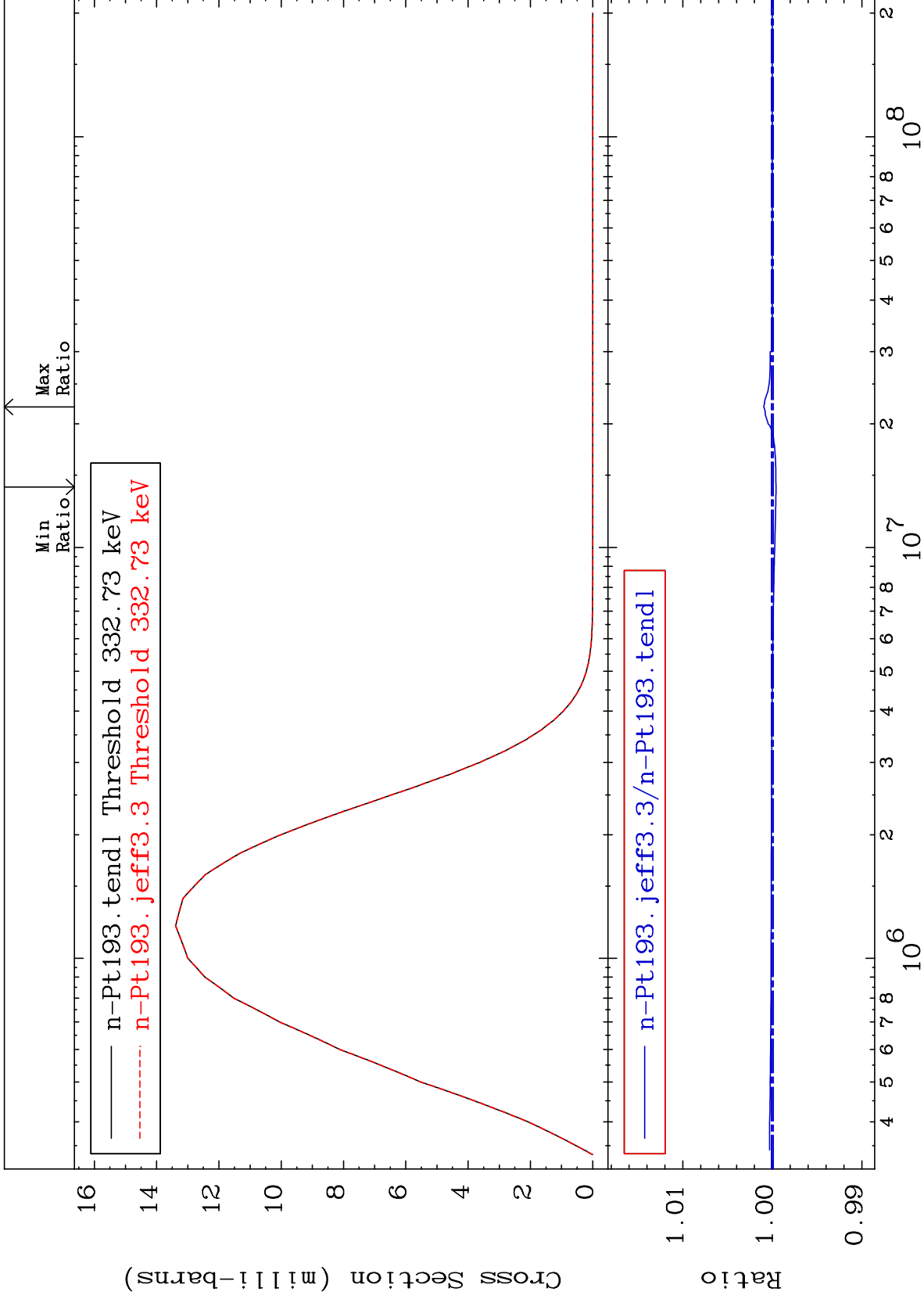
78-Pt-193

MAT 7834

MT= 60 (n,n') Level
Cross Section

78-Pt-193
-0.041 To 0.095 %

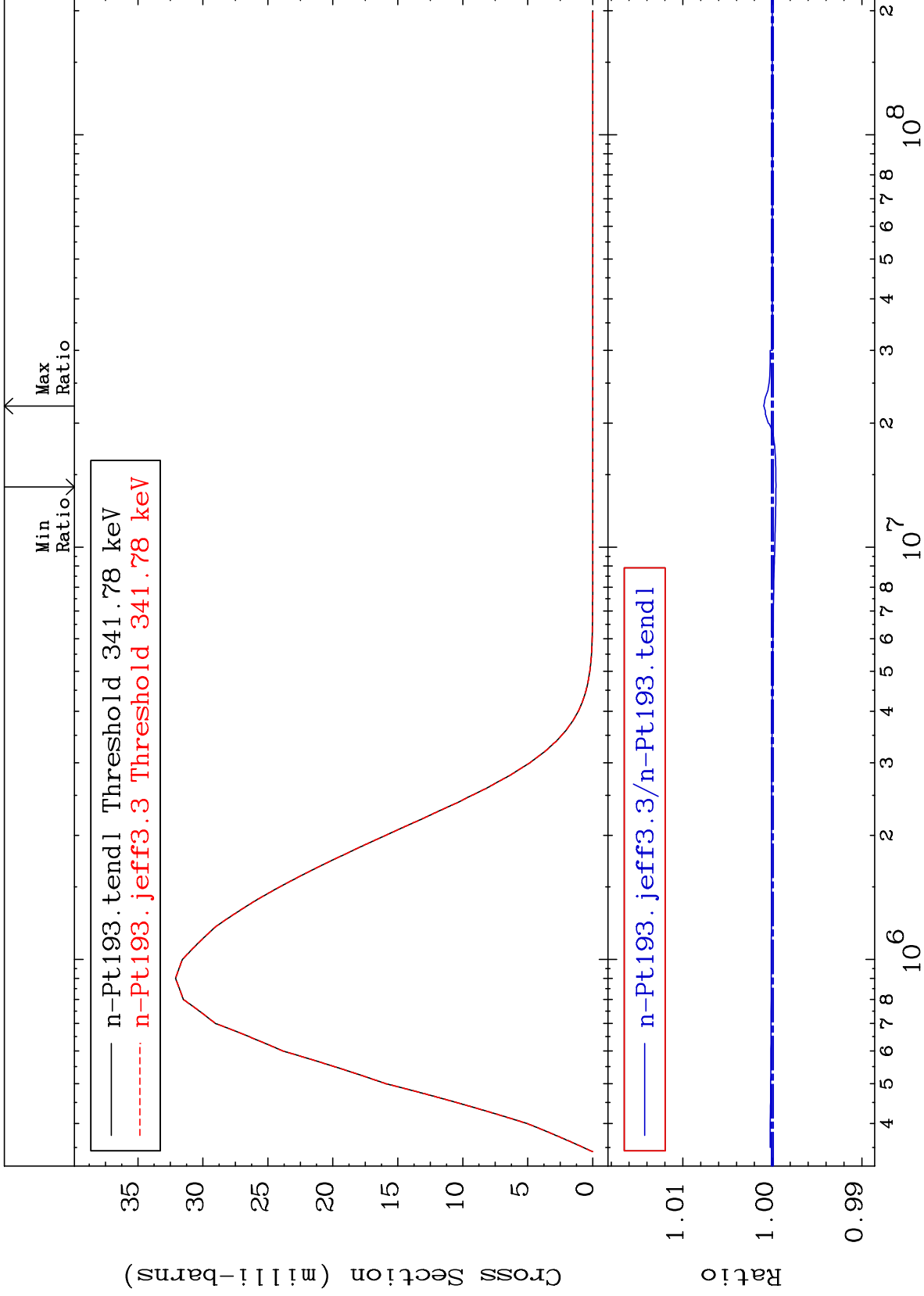




MAT 7834

MT= 62 (n,n') Level
Cross Section

78-Pt-193
-0.041 To 0.095 %



30

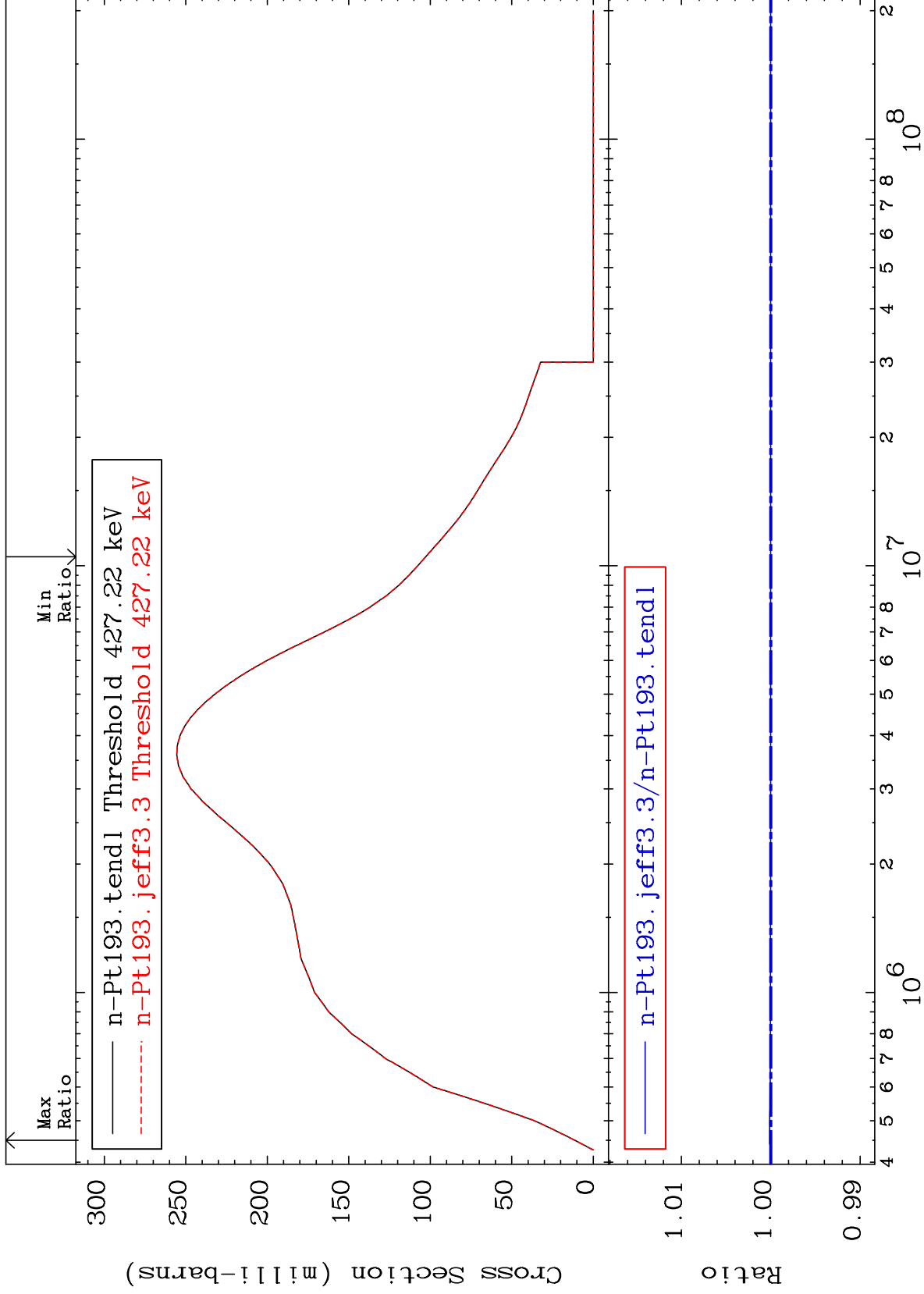
Incident Energy (eV)

78-Pt-193

MAT 7834

MT= 63 (n,n') Level
Cross Section

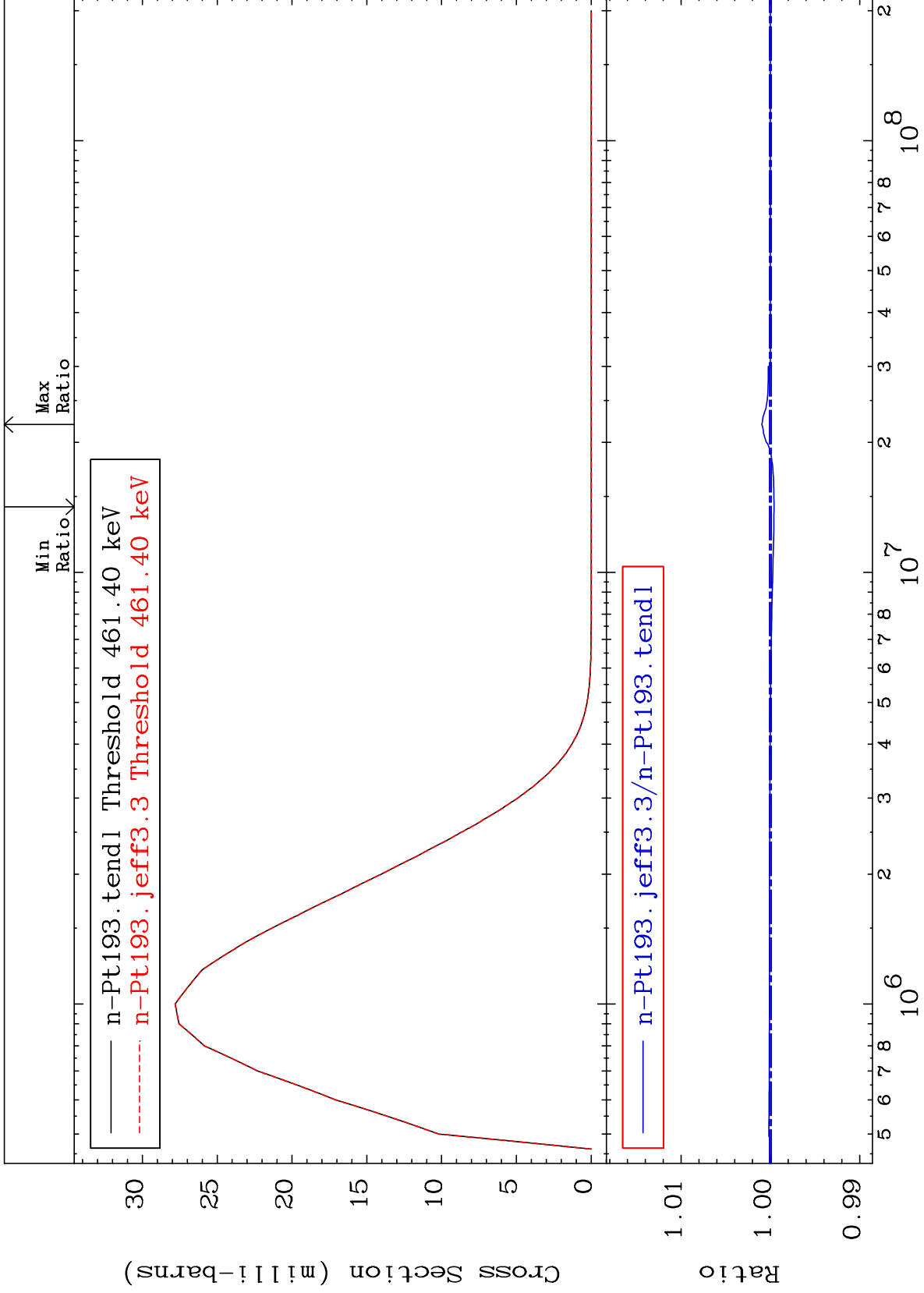
78-Pt-193
0.000 To 0.013 %



MAT 7834

MT= 65 (n,n') Level
Cross Section

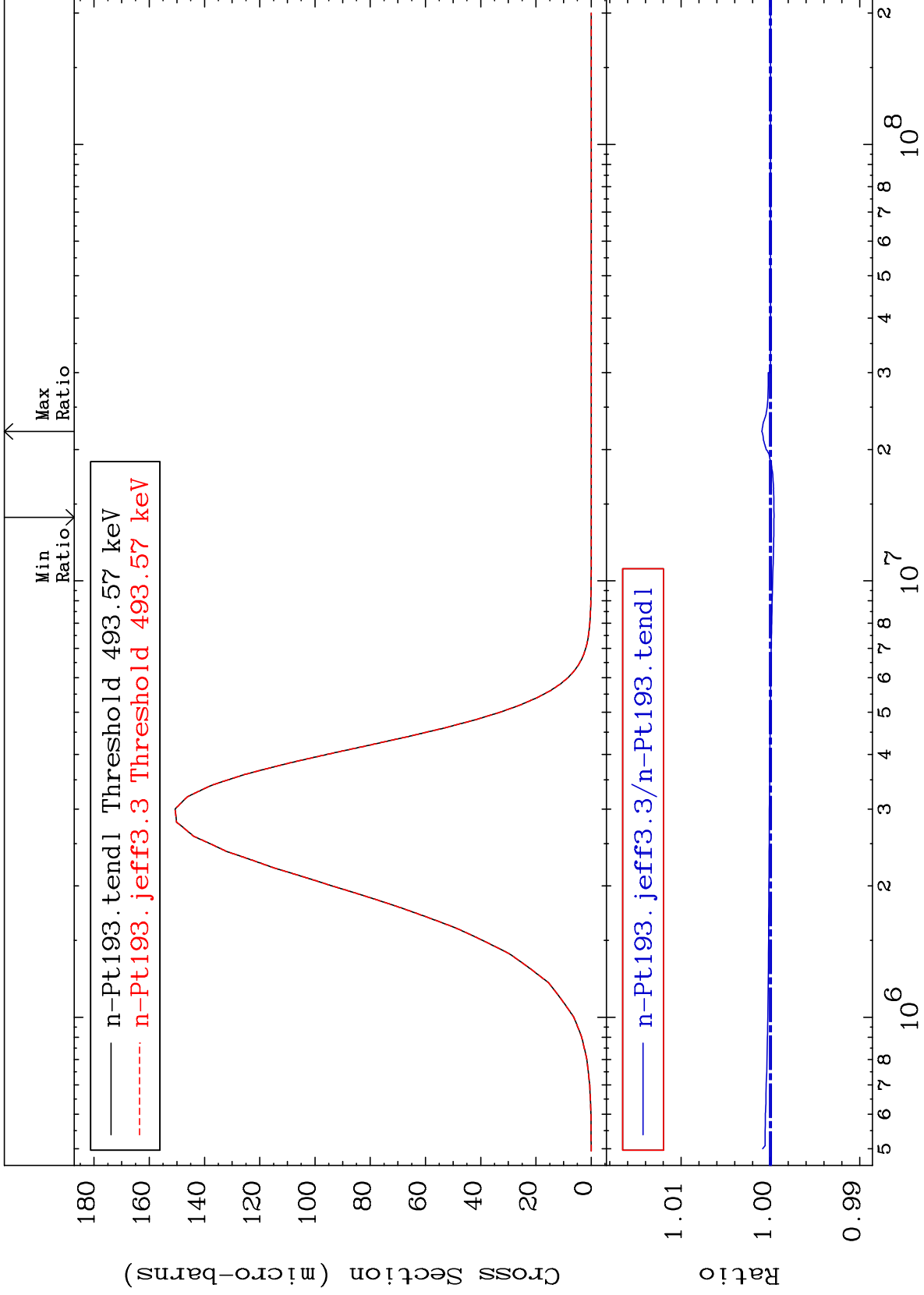
78-Pt-193
-0.041 To 0.095 %



MAT 7834

MT= 66 (n,n') Level
Cross Section

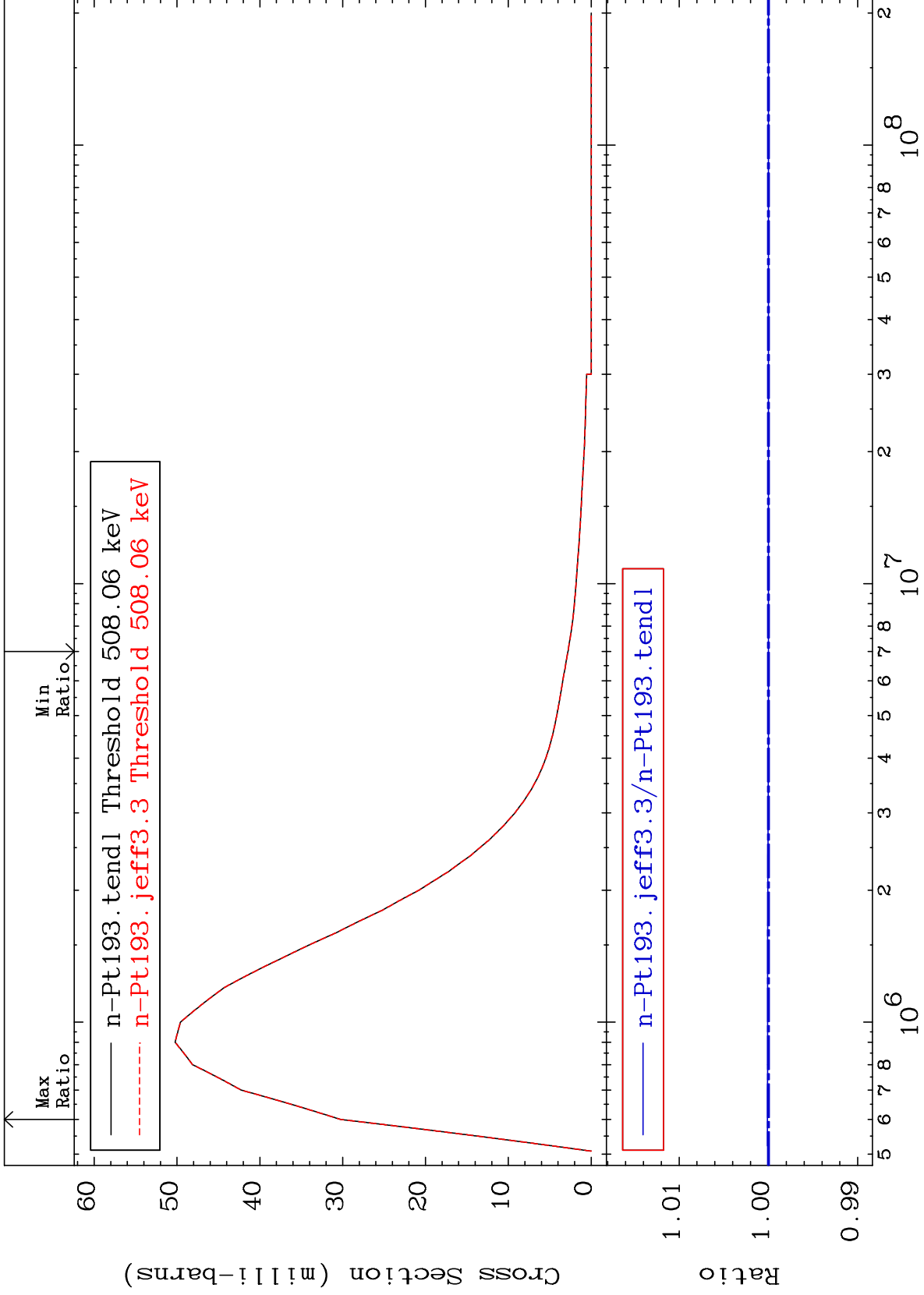
78-Pt-193
-0.040 To 0.096 %



MAT 7834

MT= 67 (n,n') Level
Cross Section

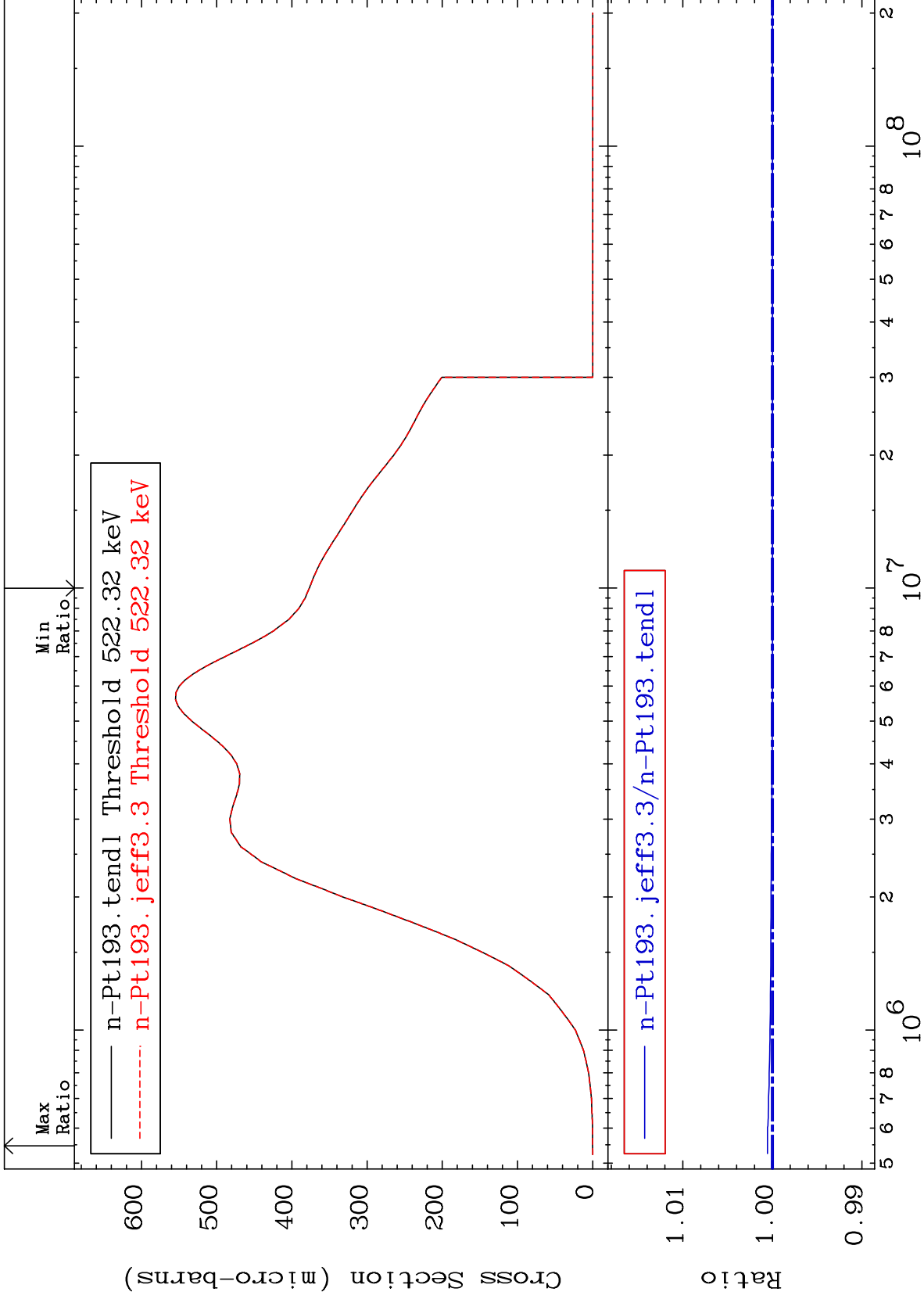
78-Pt-193
0.000 To 0.011 %



MAT 7834

MT= 68 (n,n') Level
Cross Section

78-Pt-193
0.000 To 0.056 %

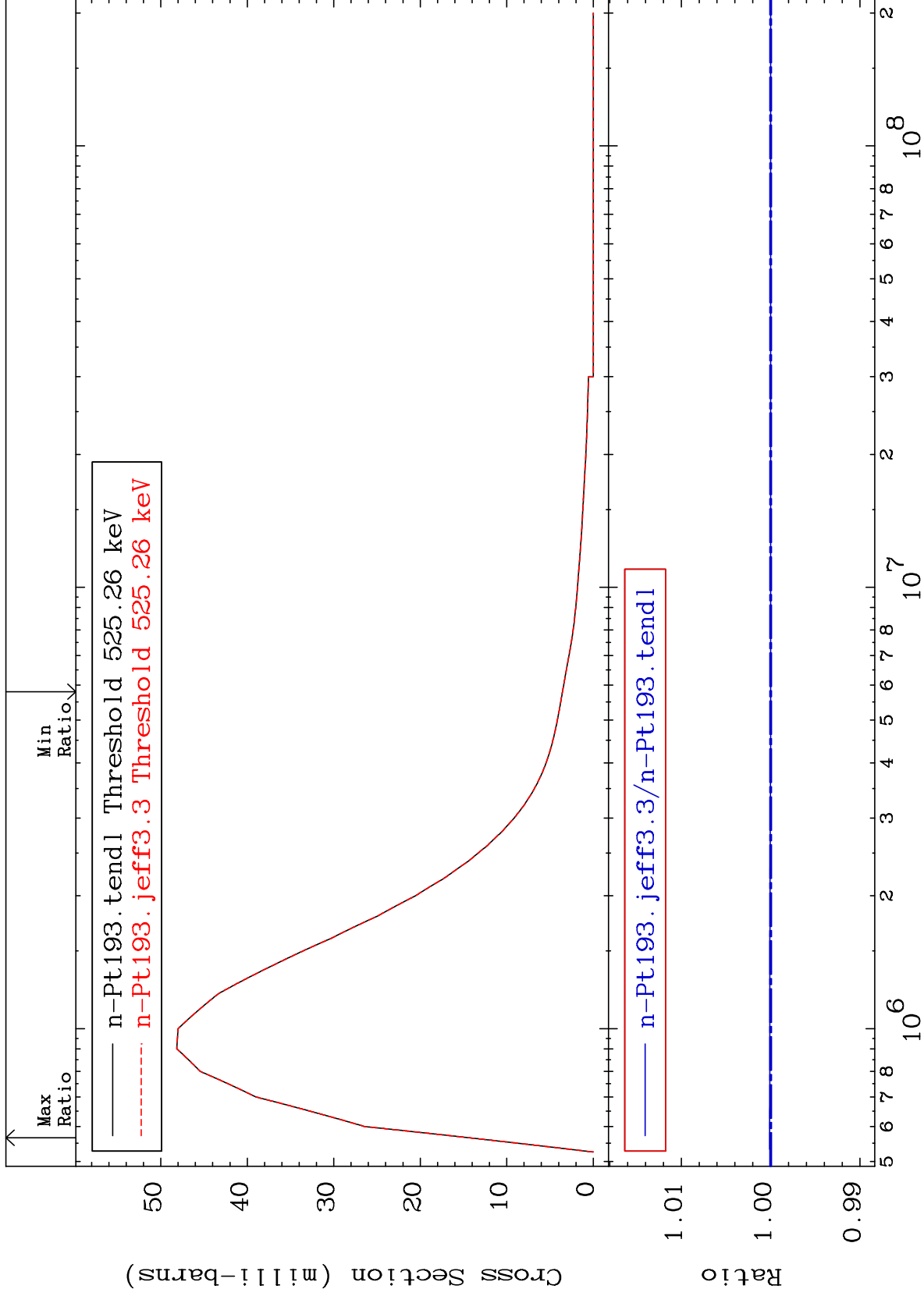


MAT 7834

MT= 69 (n,n') Level

78-Pt-193

Cross Section
To 0.011 %



36

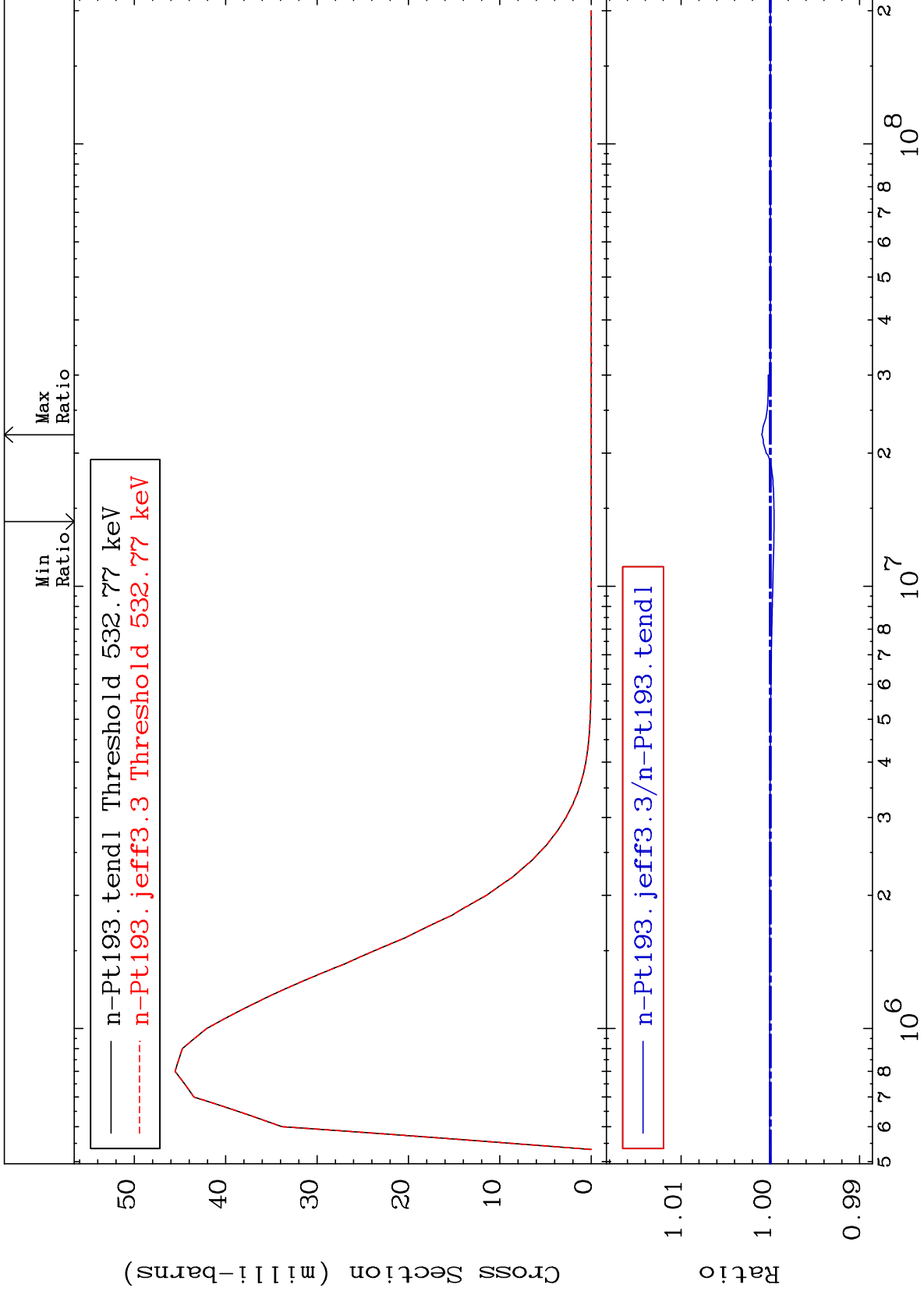
Incident Energy (eV)

78-Pt-193

MAT 7834

MT= 70 (n,n') Level
Cross Section

78-Pt-193
-0.041 To 0.095 %



37

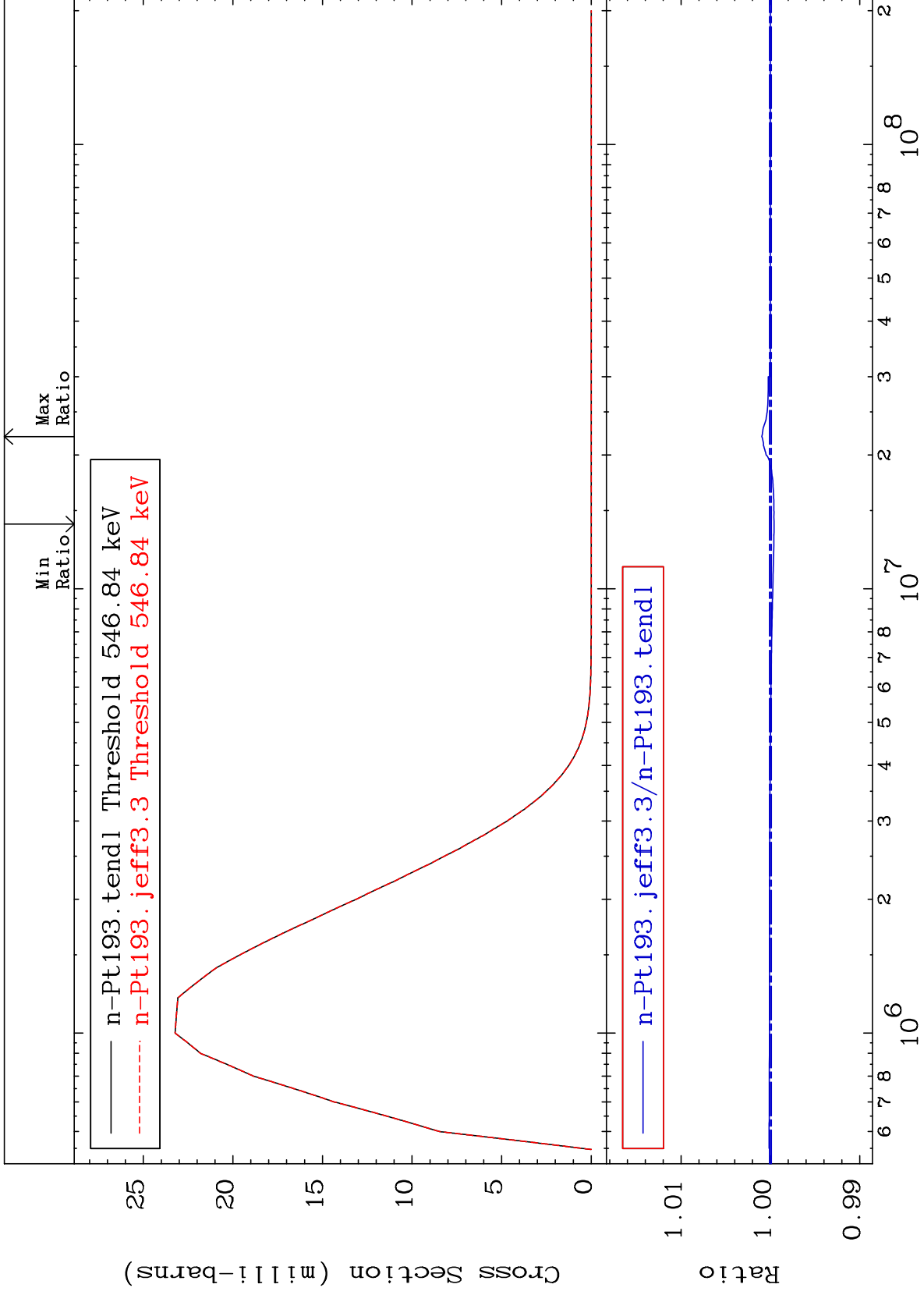
Incident Energy (eV)

78-Pt-193

MAT 7834

MT= 71 (n,n') Level
Cross Section

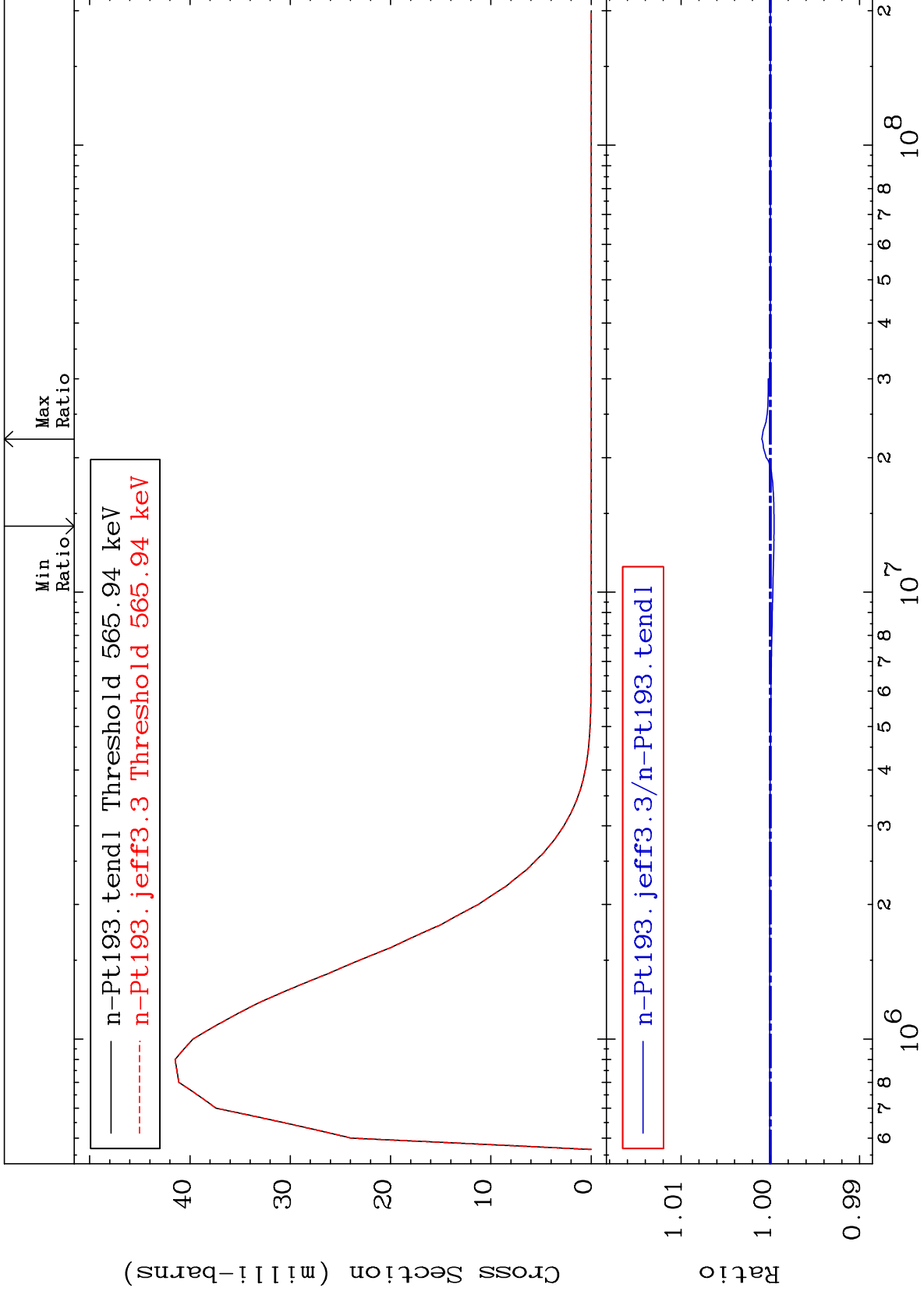
78-Pt-193
-0.041 To 0.095 %



MAT 7834

MT= 72 (n,n') Level
Cross Section

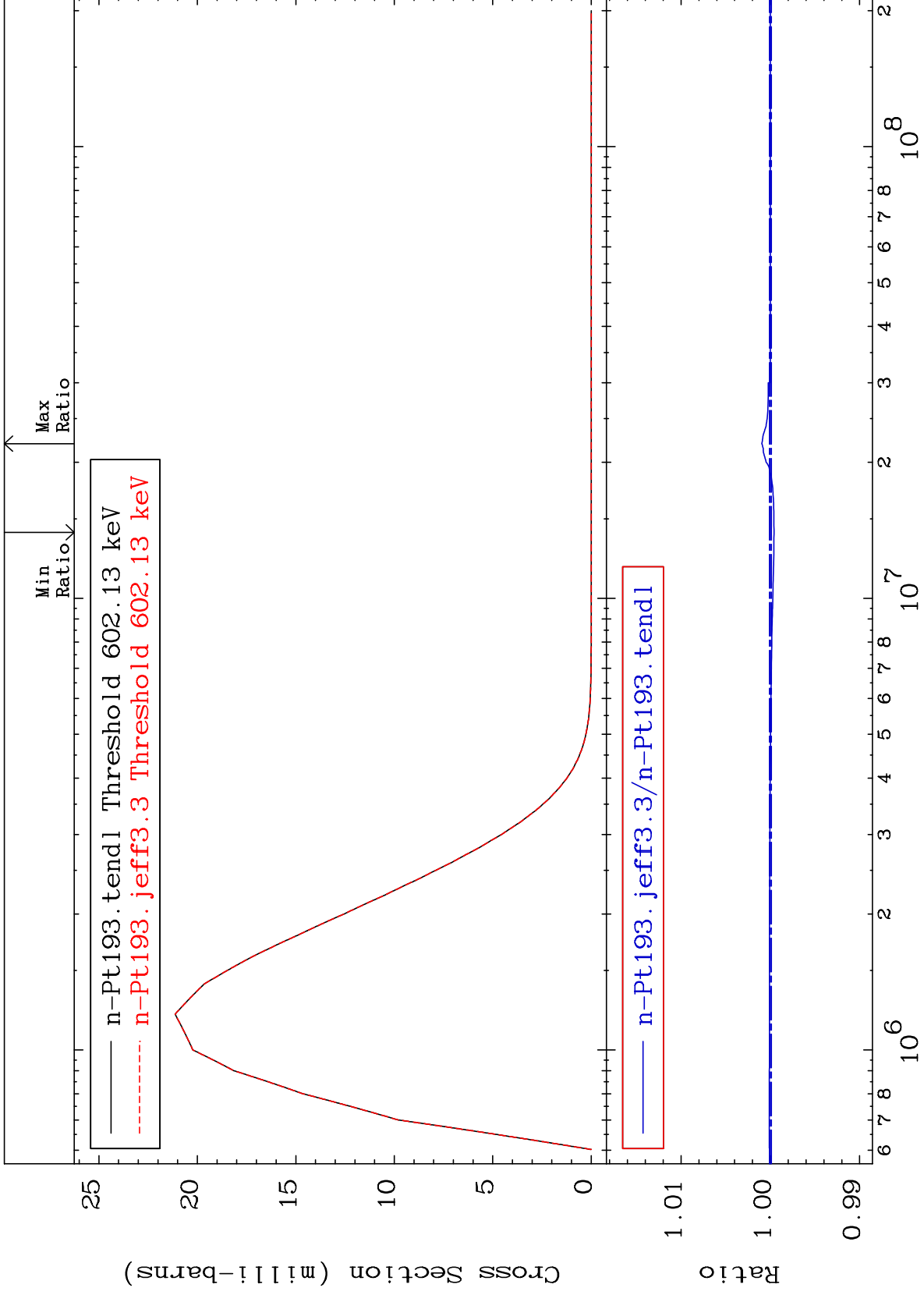
78-Pt-193
-0.041 To 0.095 %



MAT 7834

MT= 73 (n,n') Level
Cross Section

78-Pt-193
-0.041 To 0.095 %



40

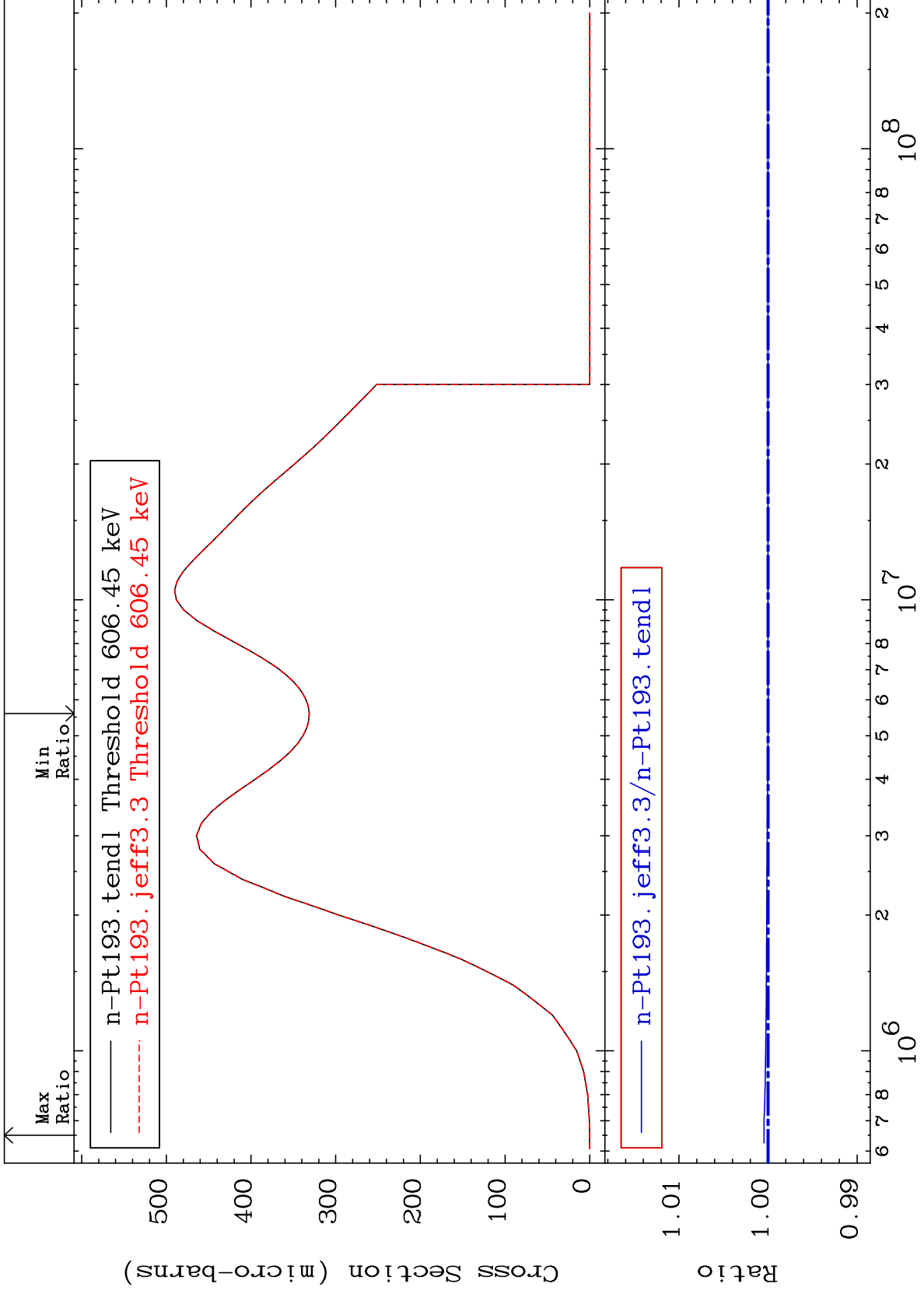
Incident Energy (eV)

78-Pt-193

MAT 7834

MT= 74 (n,n') Level
Cross Section

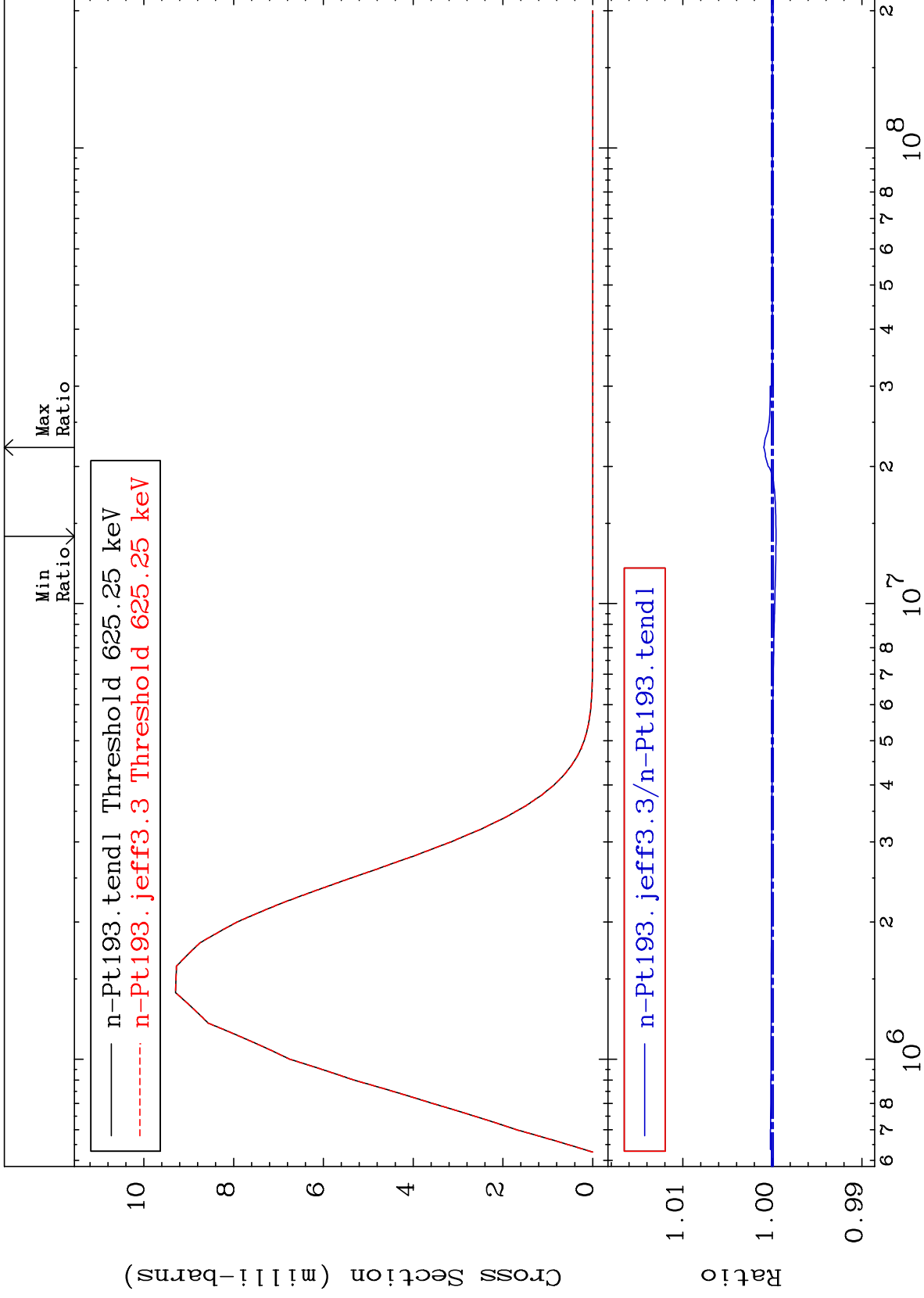
78-Pt-193
0.000 To 0.046 %



MAT 7834

MT= 75 (n,n') Level
Cross Section

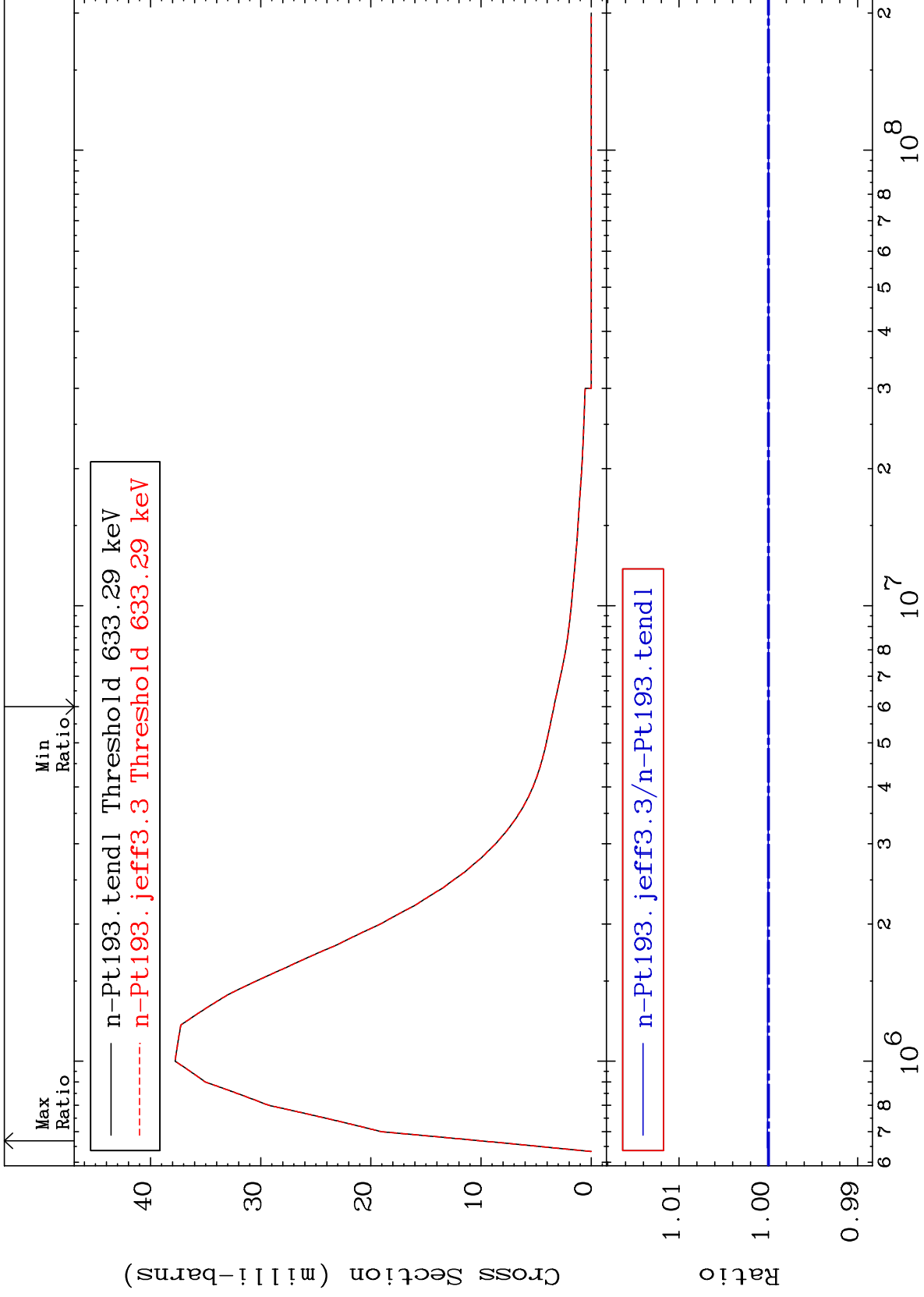
78-Pt-193
-0.041 To 0.095 %



MAT 7834

MT= 76 (n,n') Level
Cross Section

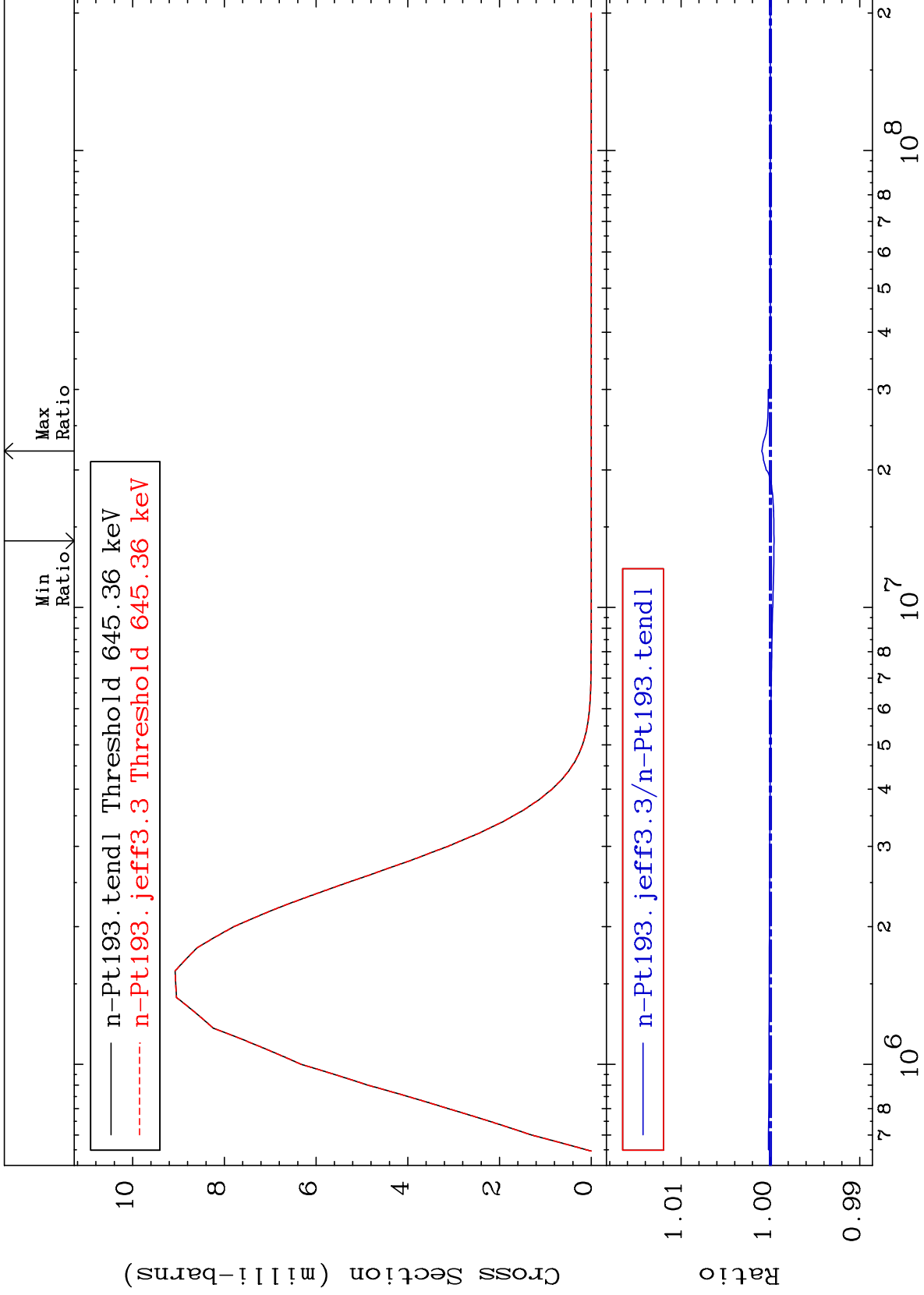
78-Pt-193
0.000 To 0.011 %



MAT 7834

MT= 77 (n,n') Level
Cross Section

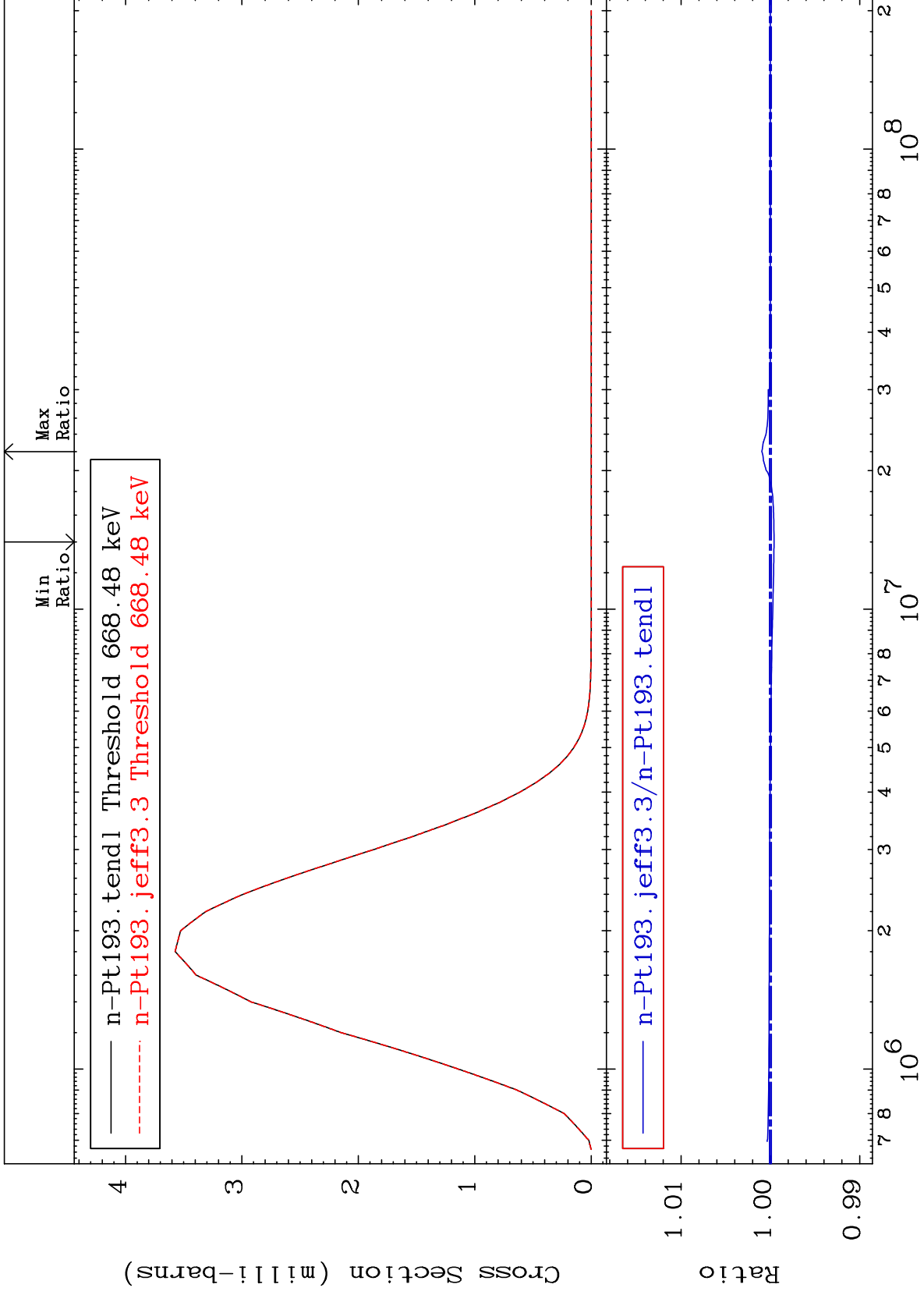
78-Pt-193
-0.041 To 0.095 %



MAT 7834

MT= 78 (n,n') Level
Cross Section

78-Pt-193
-0.041 To 0.096 %



45

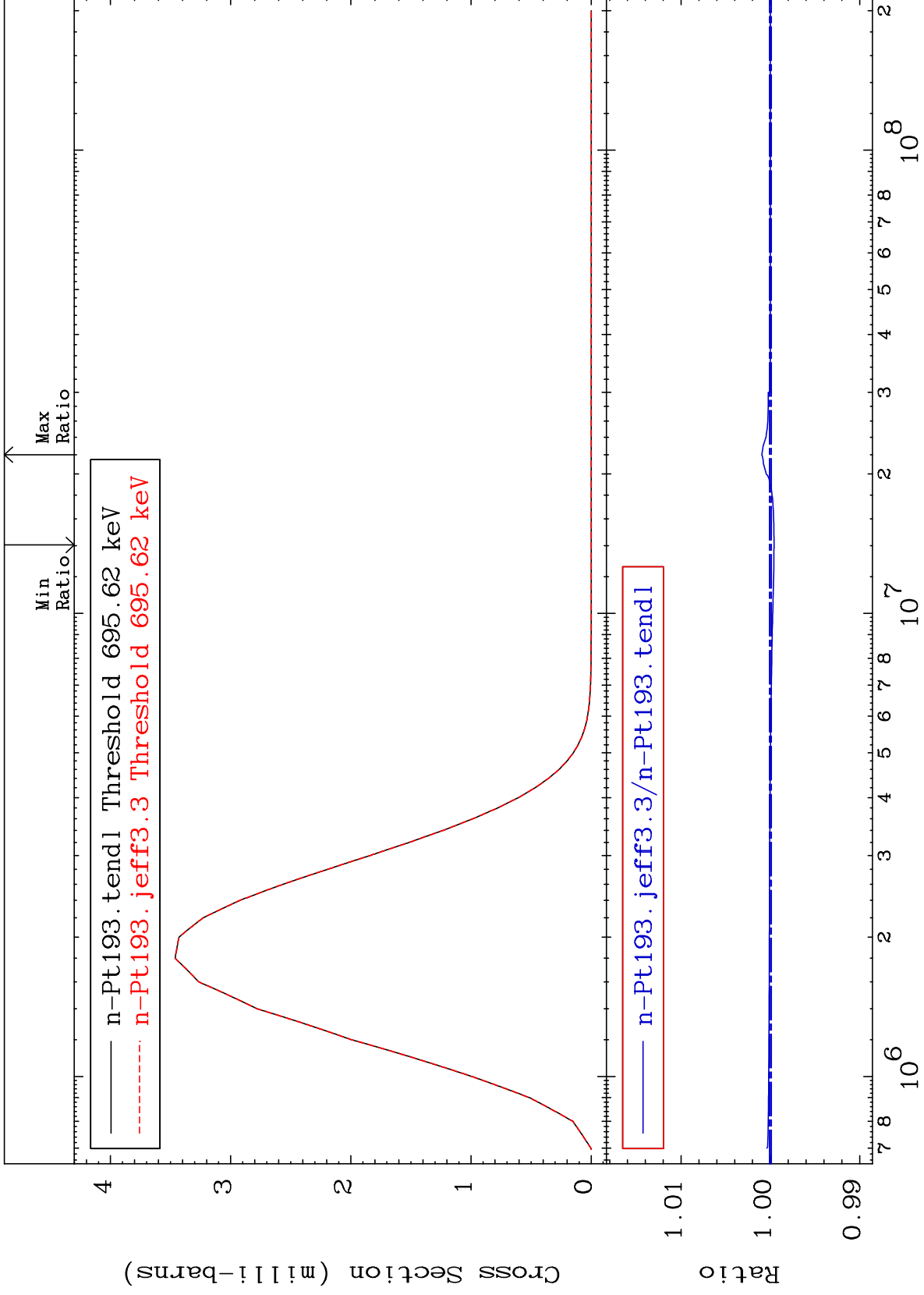
Incident Energy (eV)

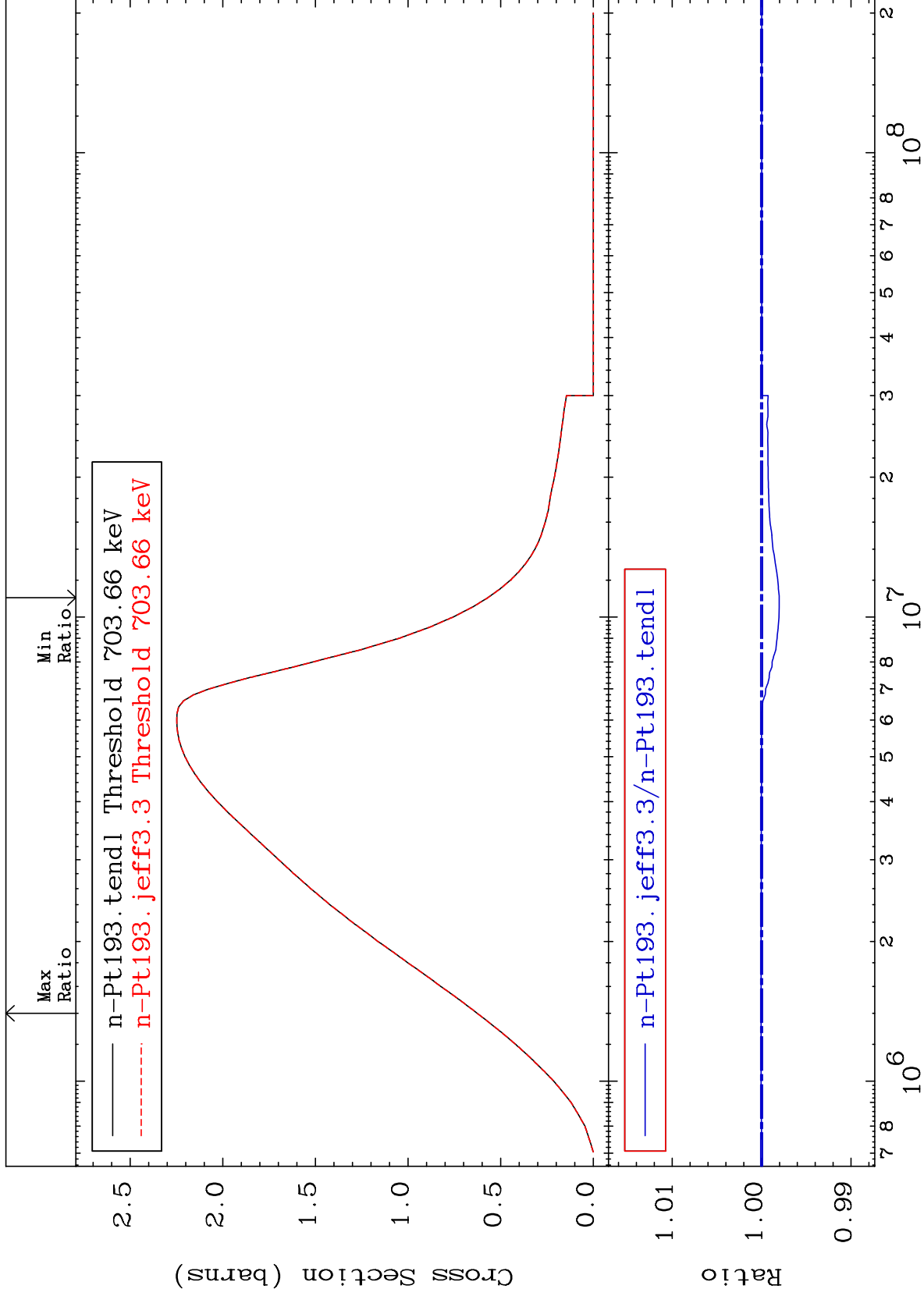
78-Pt-193

MAT 7834

MT= 79 (n,n') Level
Cross Section

78-Pt-193
-0.041 To 0.095 %

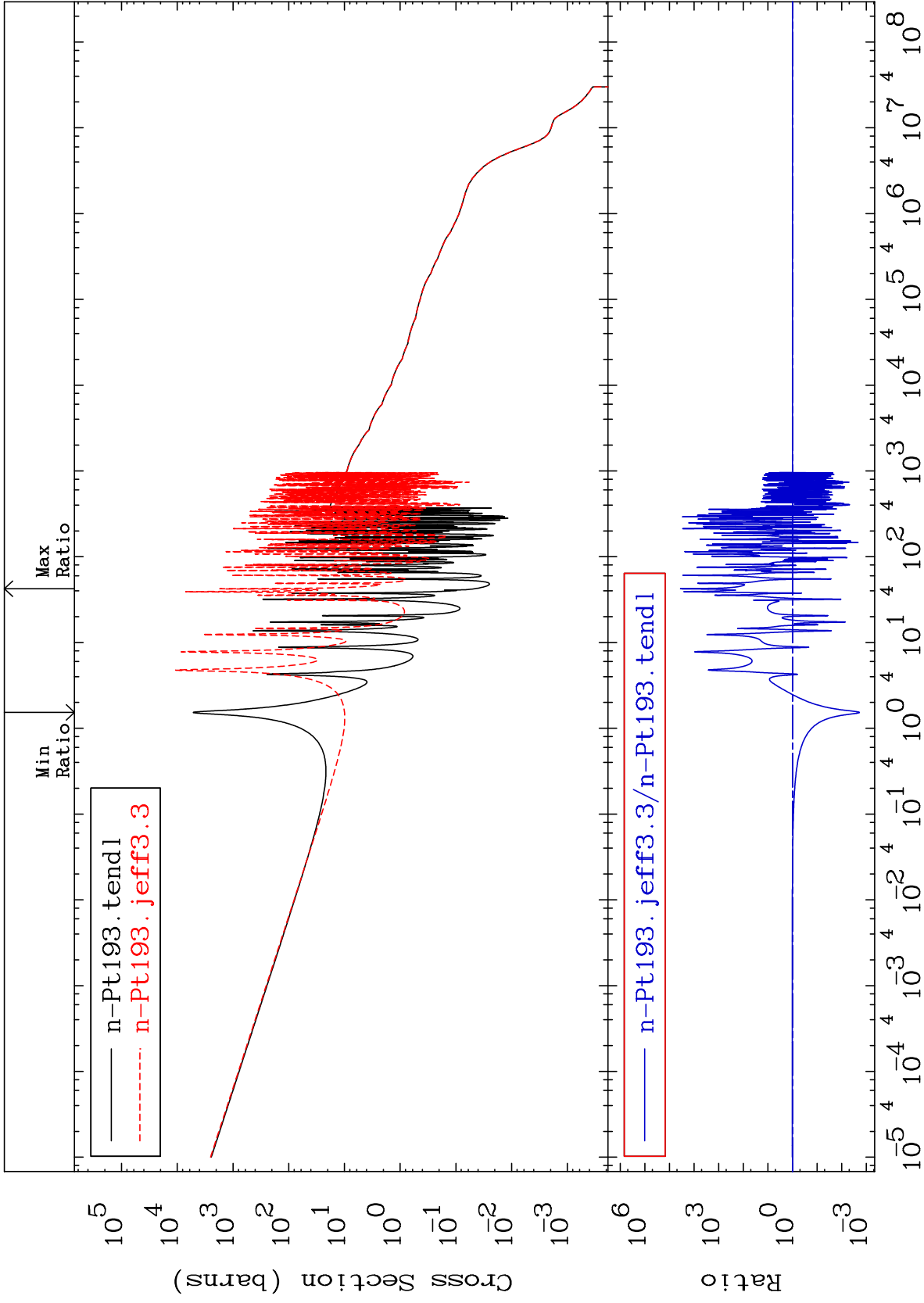




MAT 7834

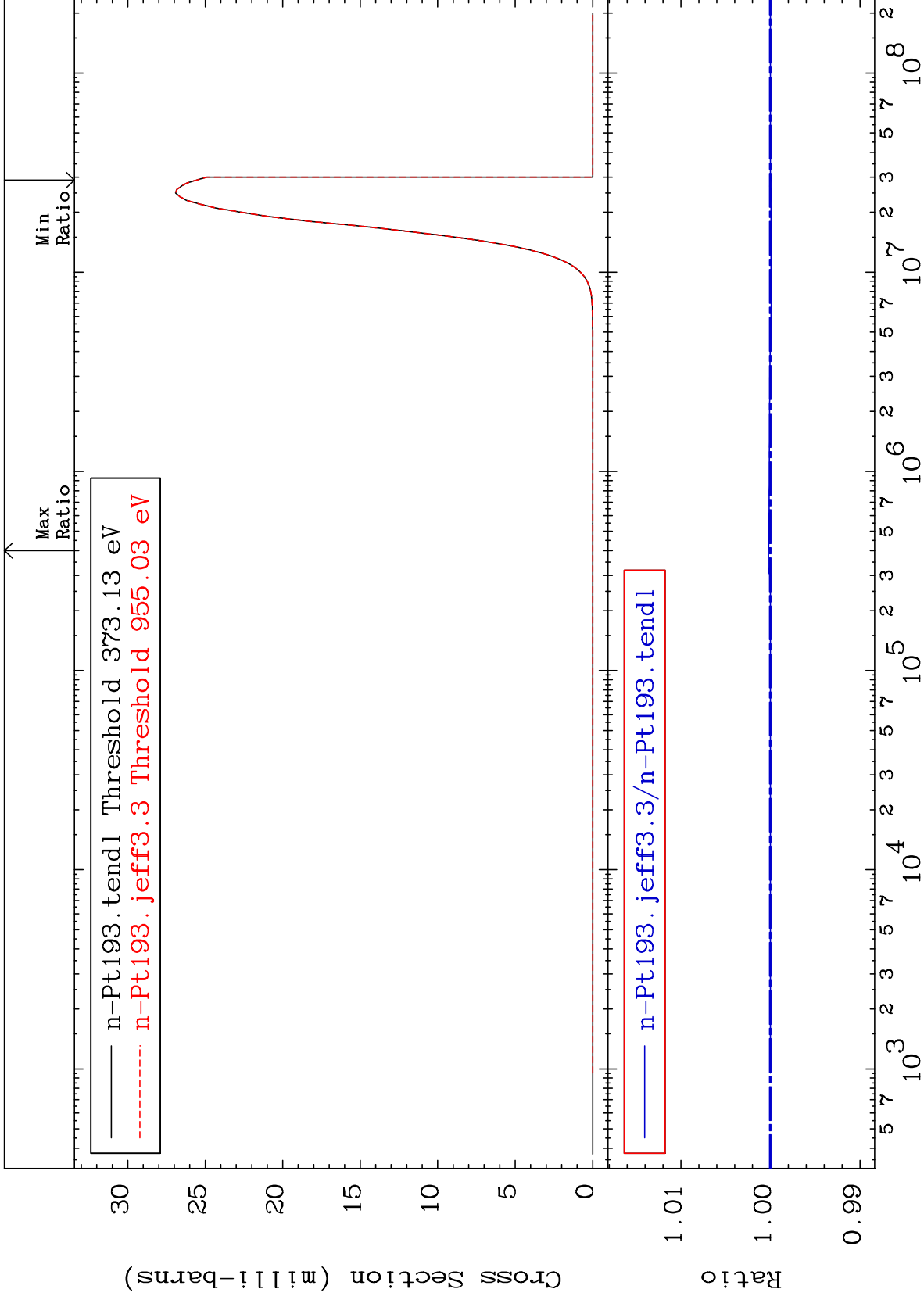
(n, γ)
Cross Section

78-Pt-193
-99.81 To 9999. %



Cross Section

-0.009 To 0.021 %



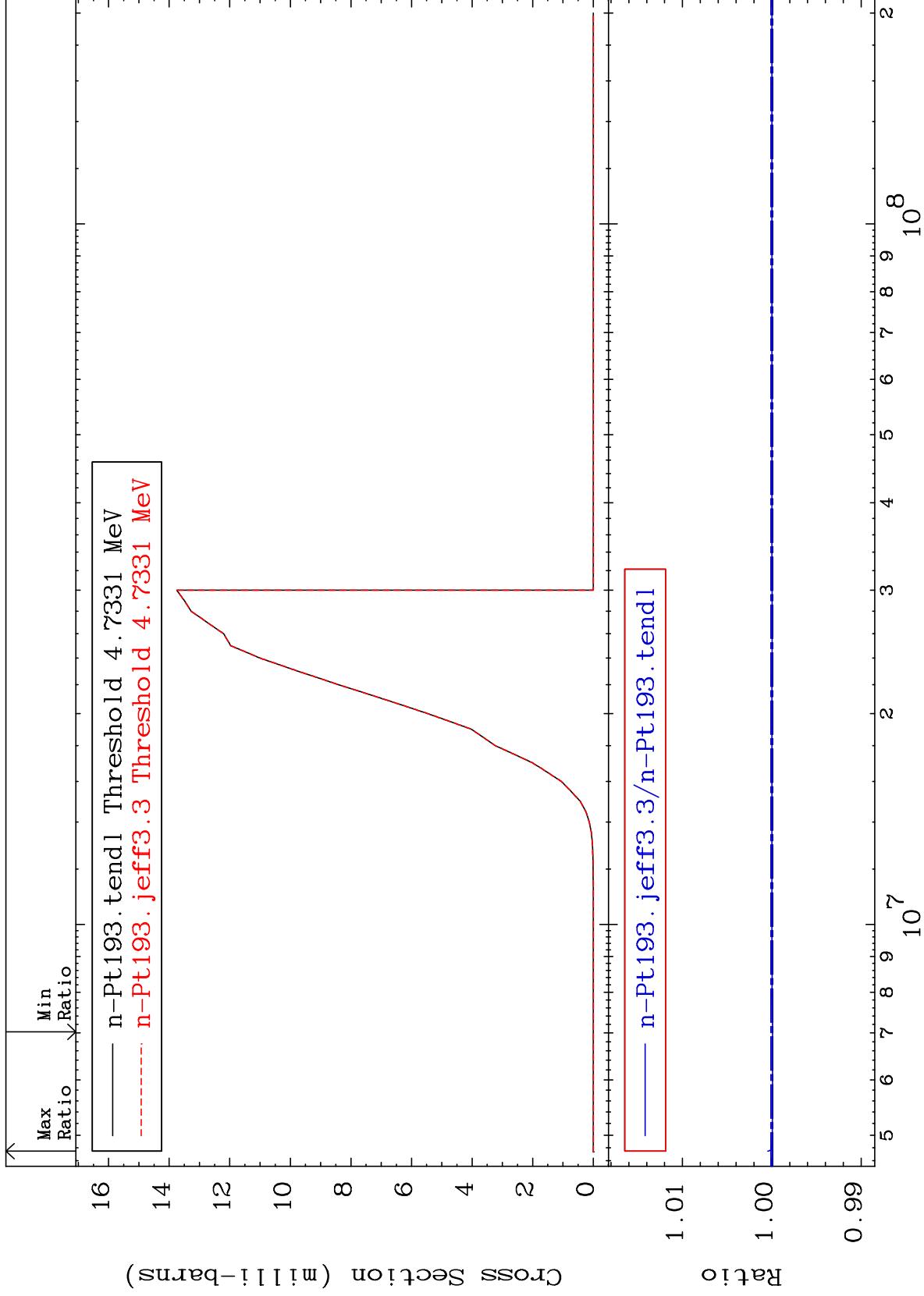
MAT 7834

(n, d)

78-Pt-193

Cross Section

-0.008 To 0.045 %



50

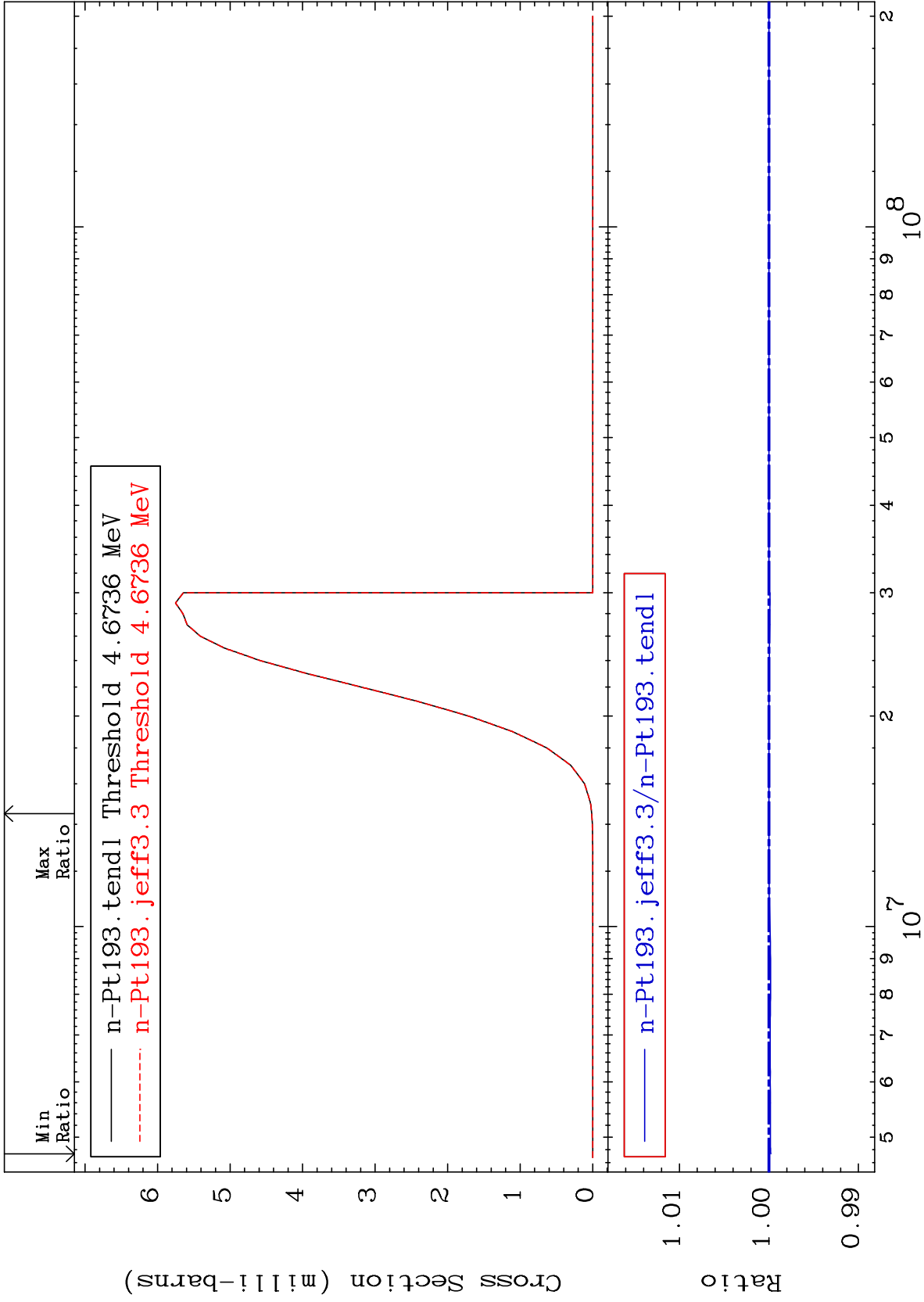
Incident Energy (eV)

78-Pt-193

MAT 7834

78-Pt-193

(n, t)
Cross Section
-0.021 To 0.000 %



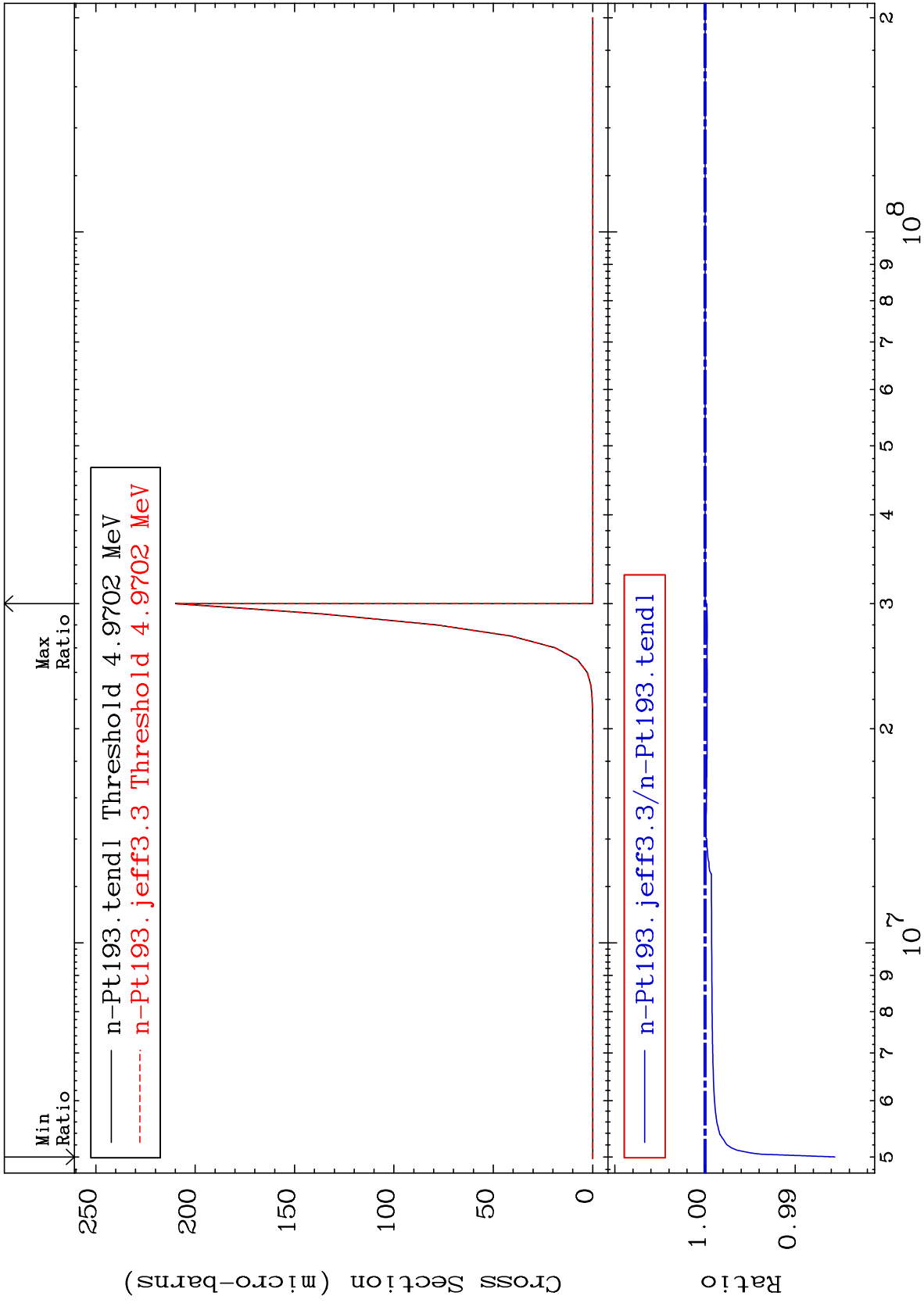
51

Incident Energy (eV)

78-Pt-193

Cross Section

-1.438 To 0.000 %



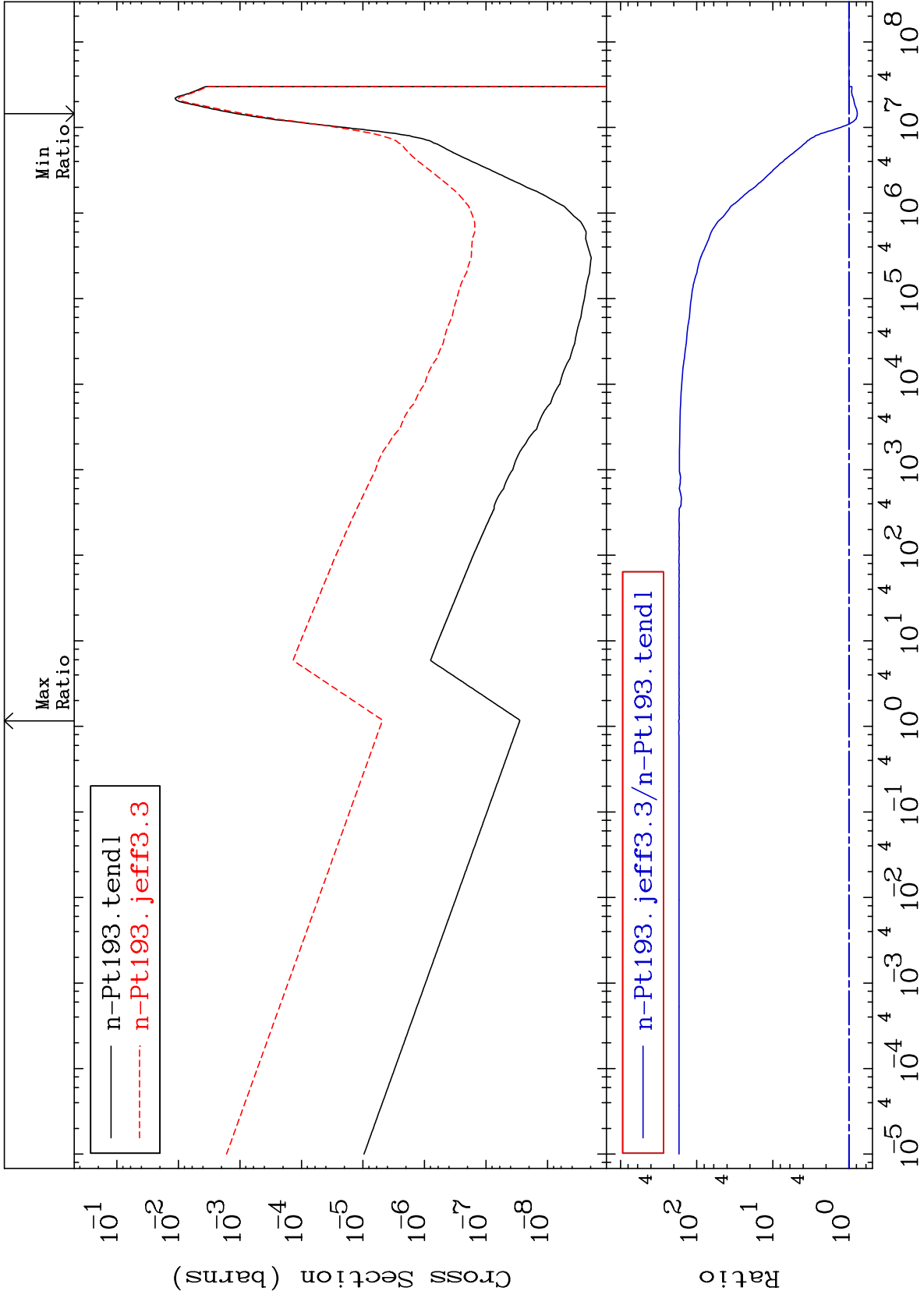
MAT 7834

(n, α)

78-Pt-193

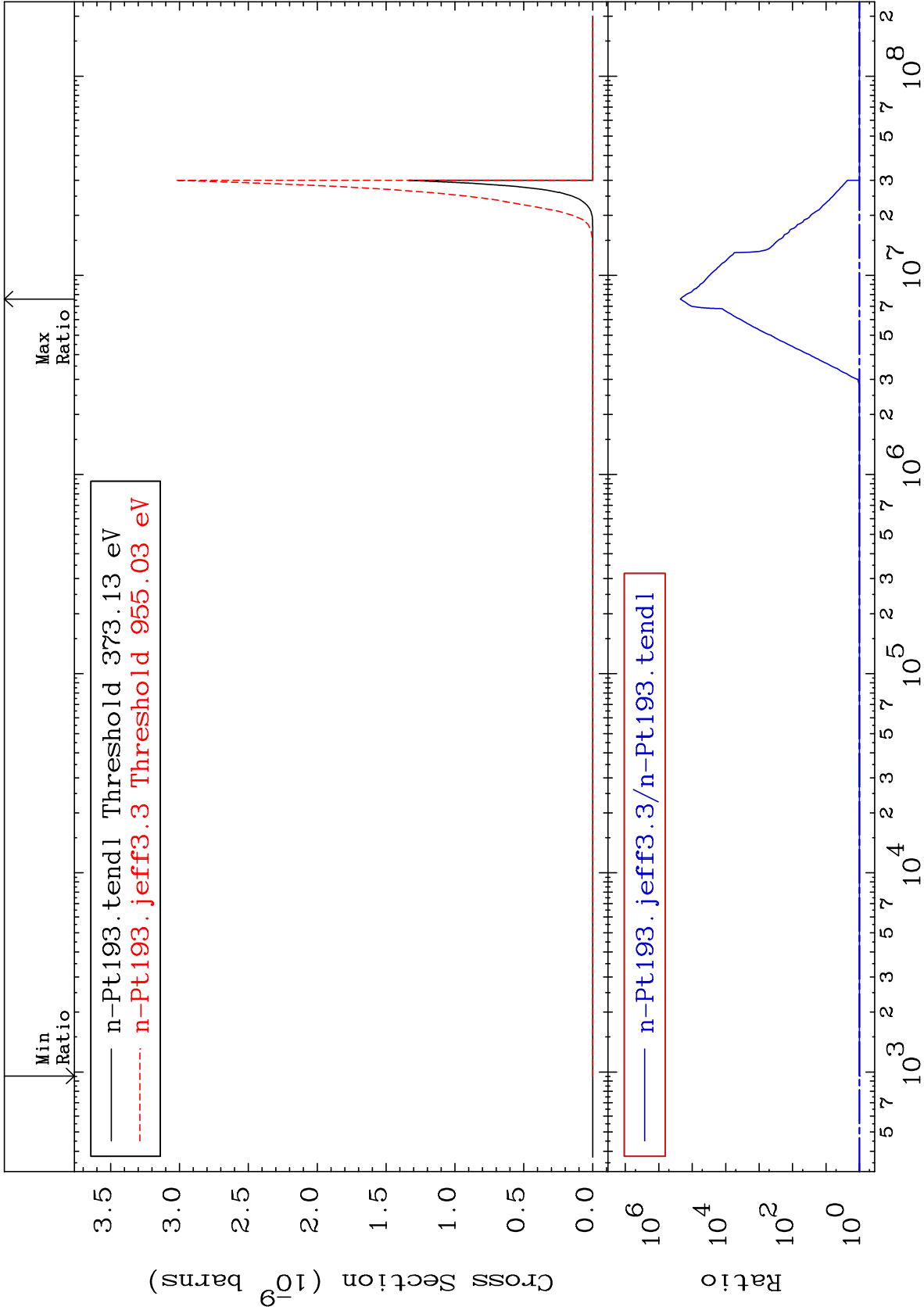
Cross Section

-22.11 To 9999. %



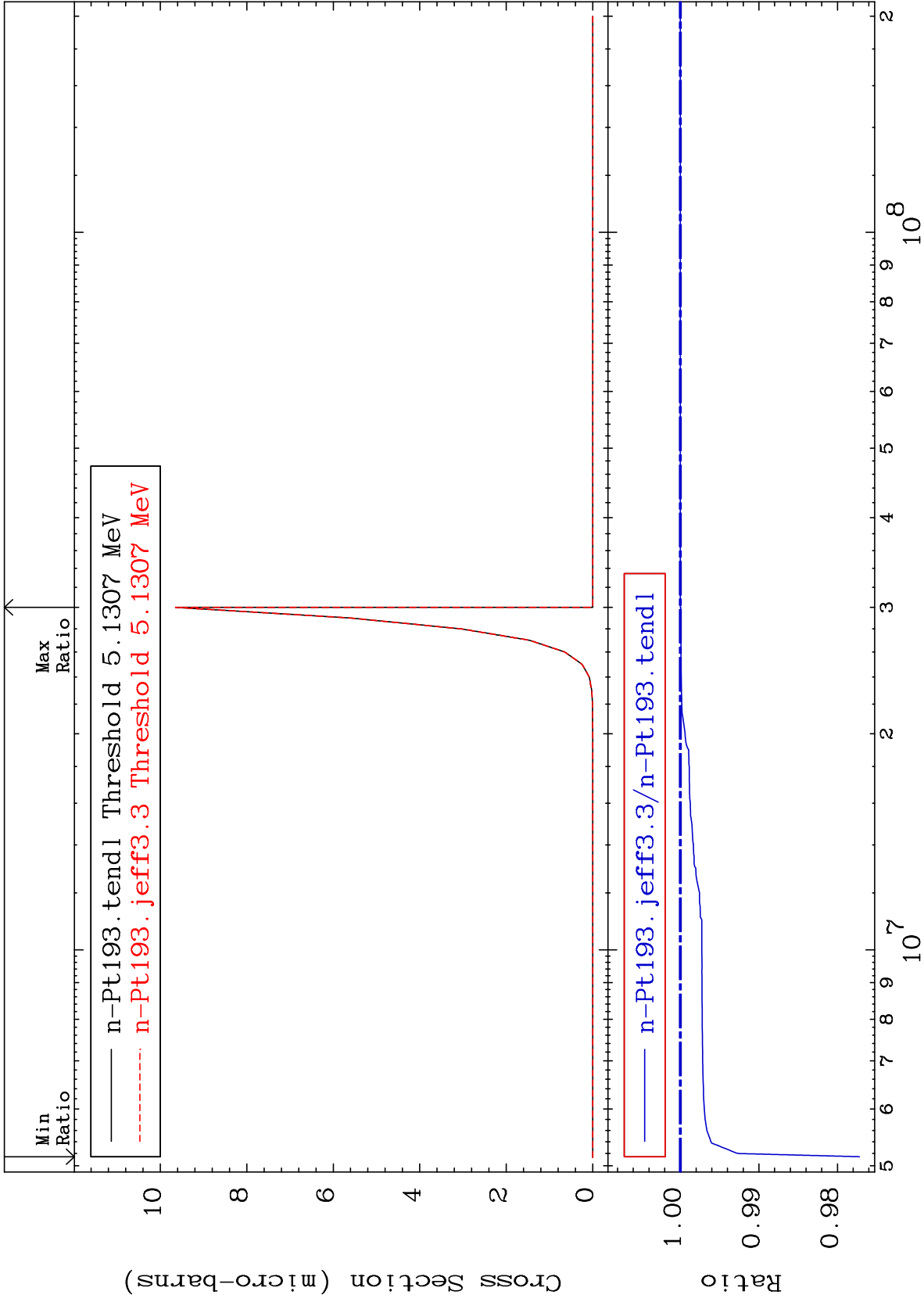
Cross Section

0.000 To 9999. %



Cross Section

-2.280 To 0.000 %

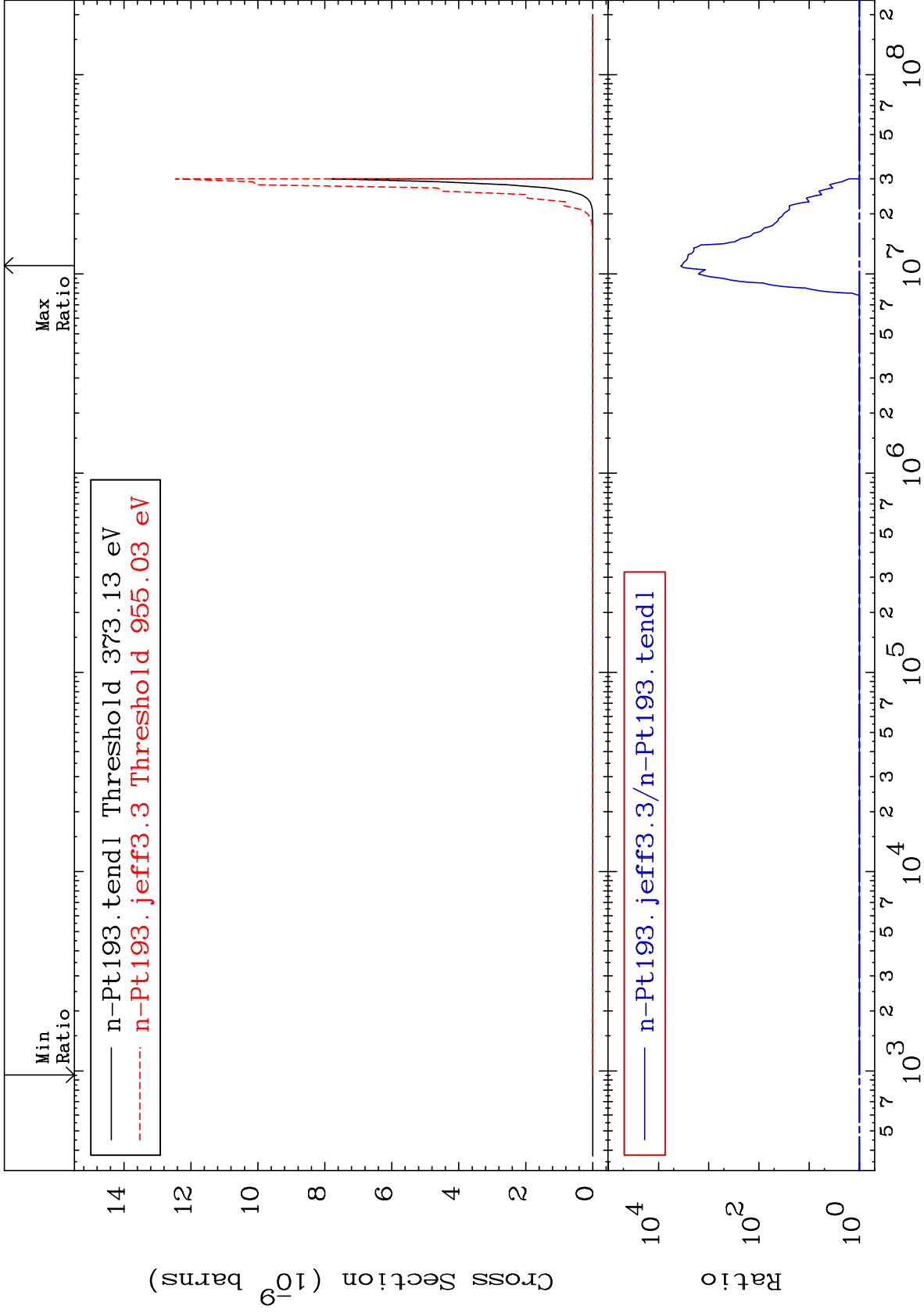


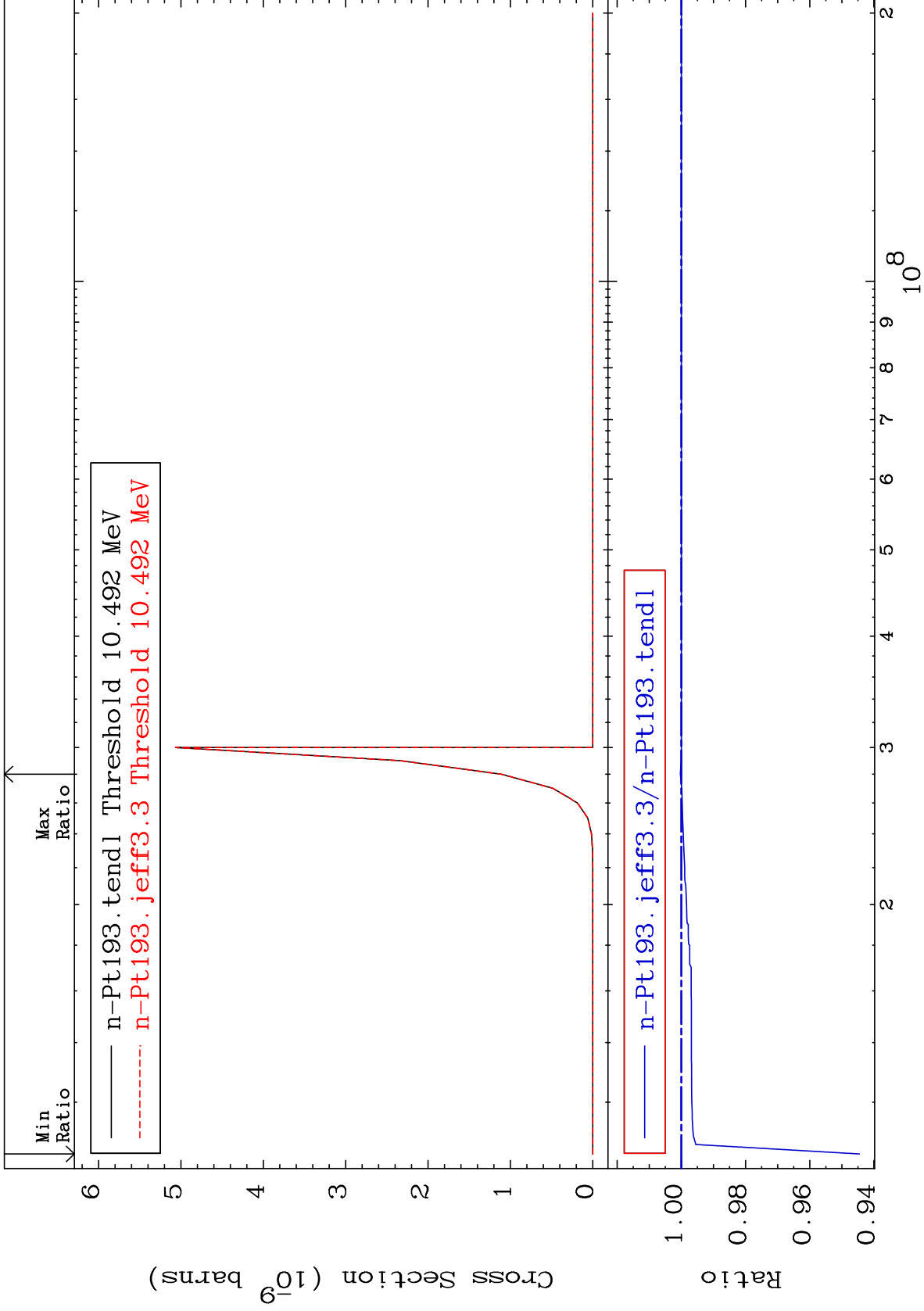
MAT 7834

(n, p) α

Cross Section

78-Pt-193
To 9999. %





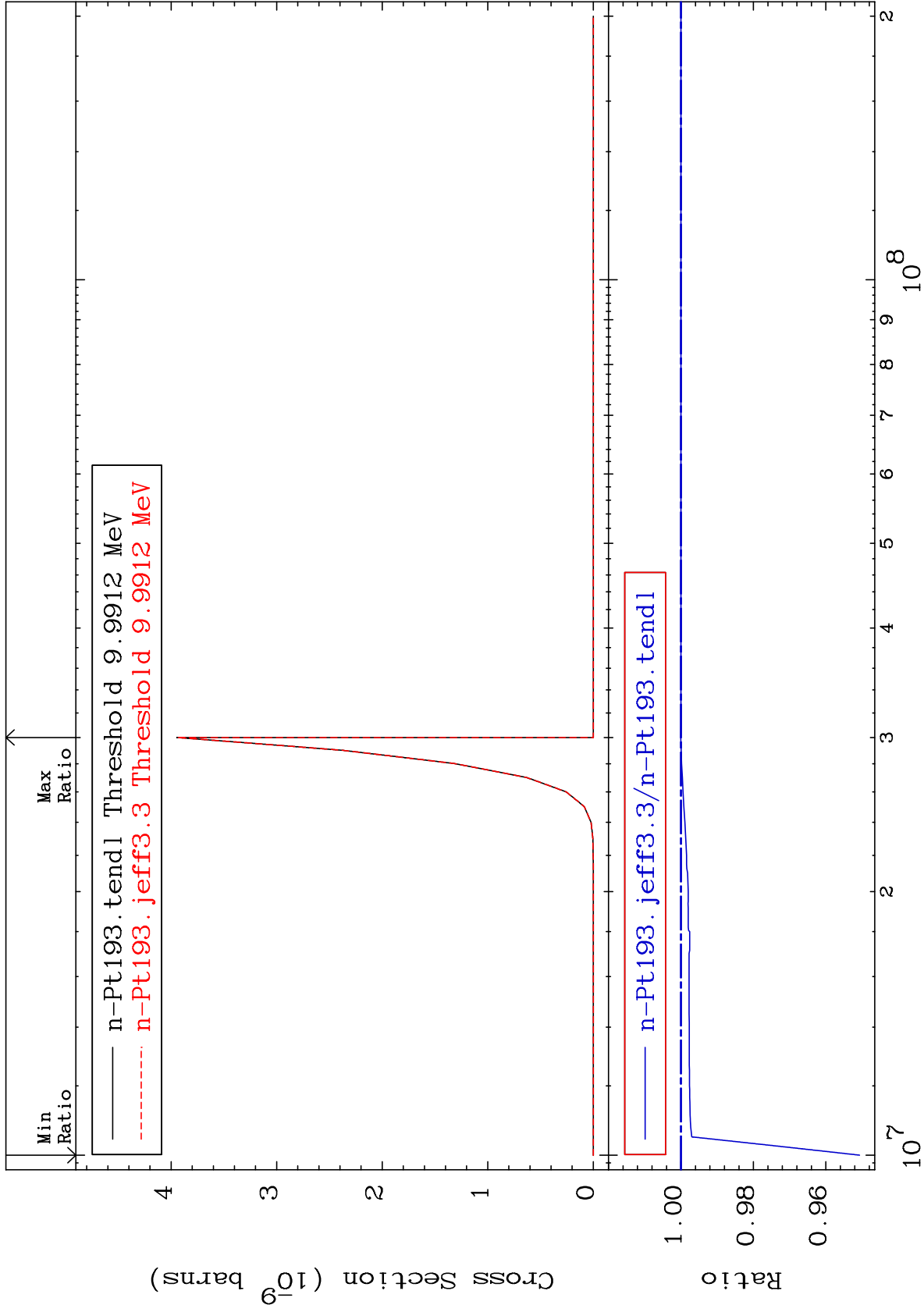
MAT 7834

(n, p) t

78-Pt-193

Cross Section

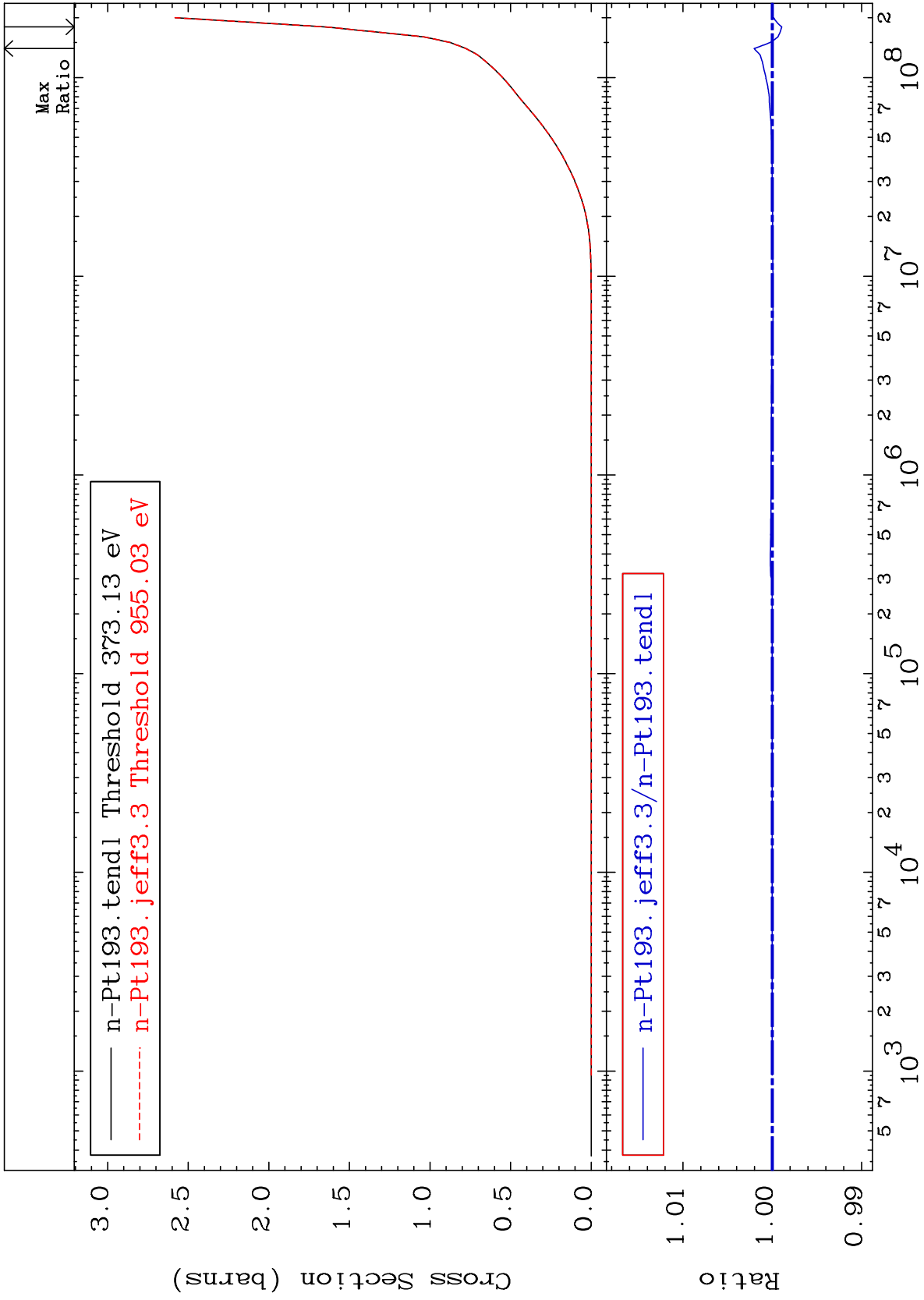
-4.930 To 0.005 %



58

Incident Energy (eV)

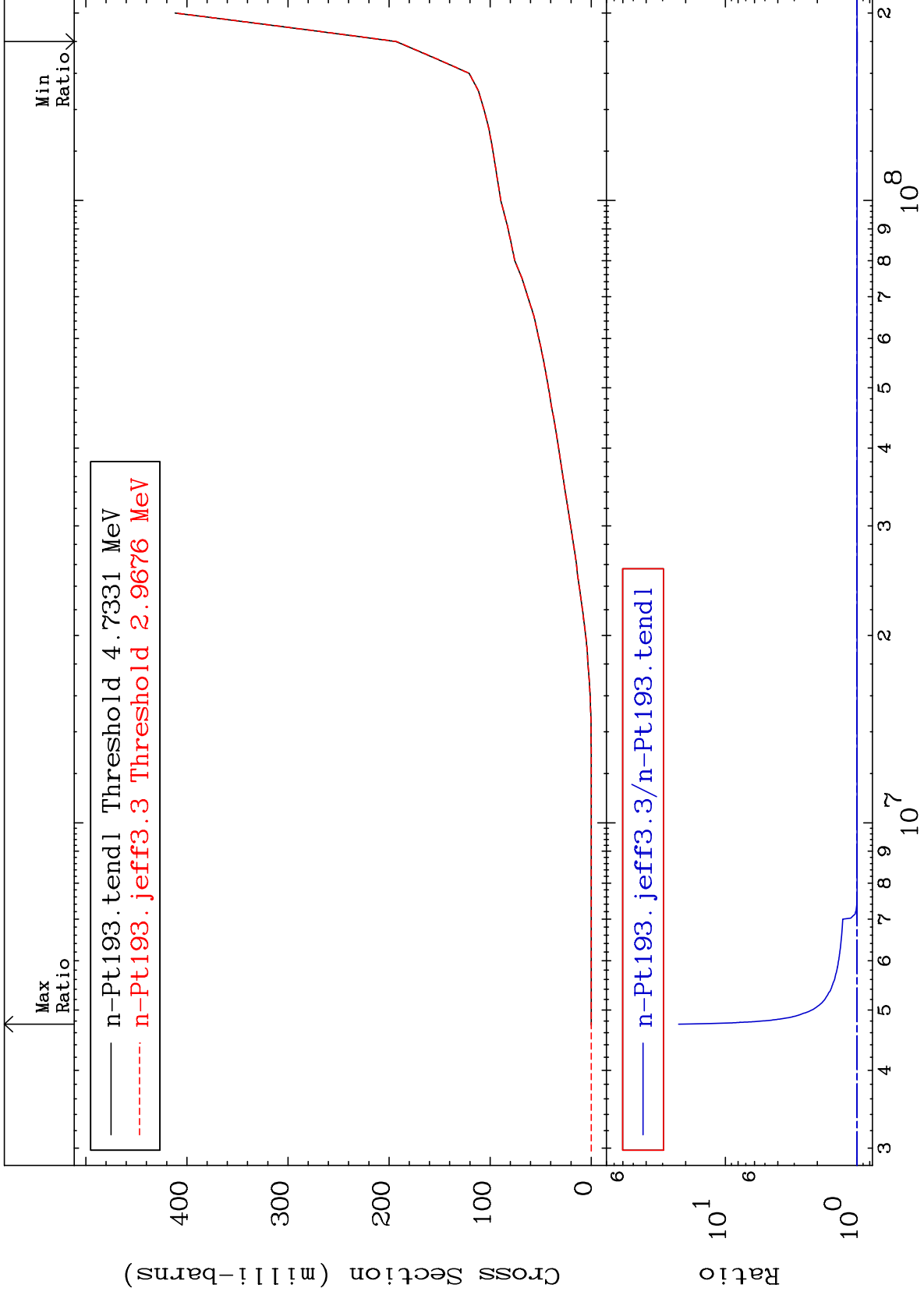
78-Pt-193



MAT 7834

Deuterium Production
Cross Section

78-Pt-193
-0.429 To 2164. %



60

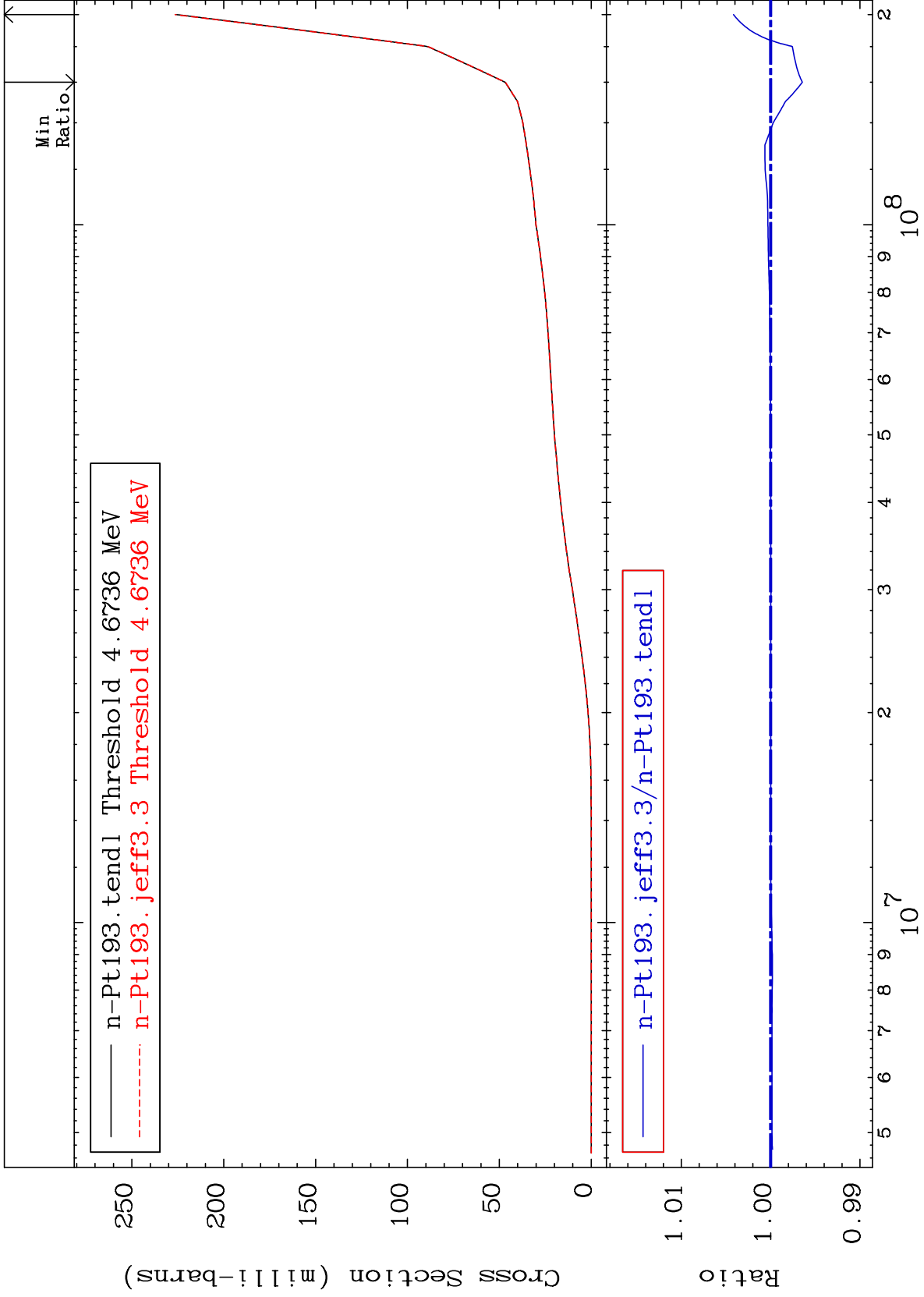
Incident Energy (eV)

78-Pt-193

MAT 7834

Tritium Production
Cross Section

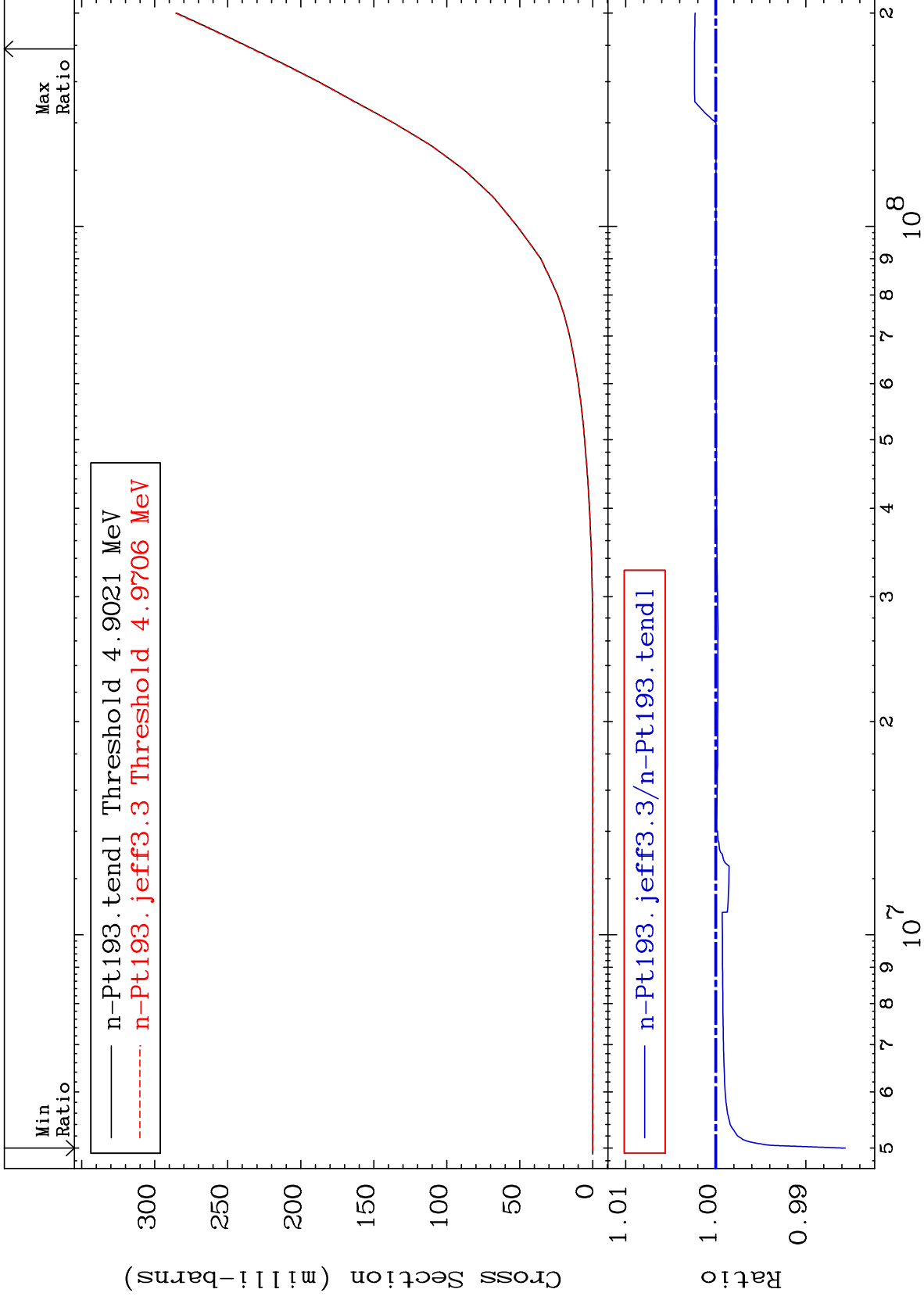
78-Pt-193
-0.355 To 0.415 %



61

Incident Energy (eV)

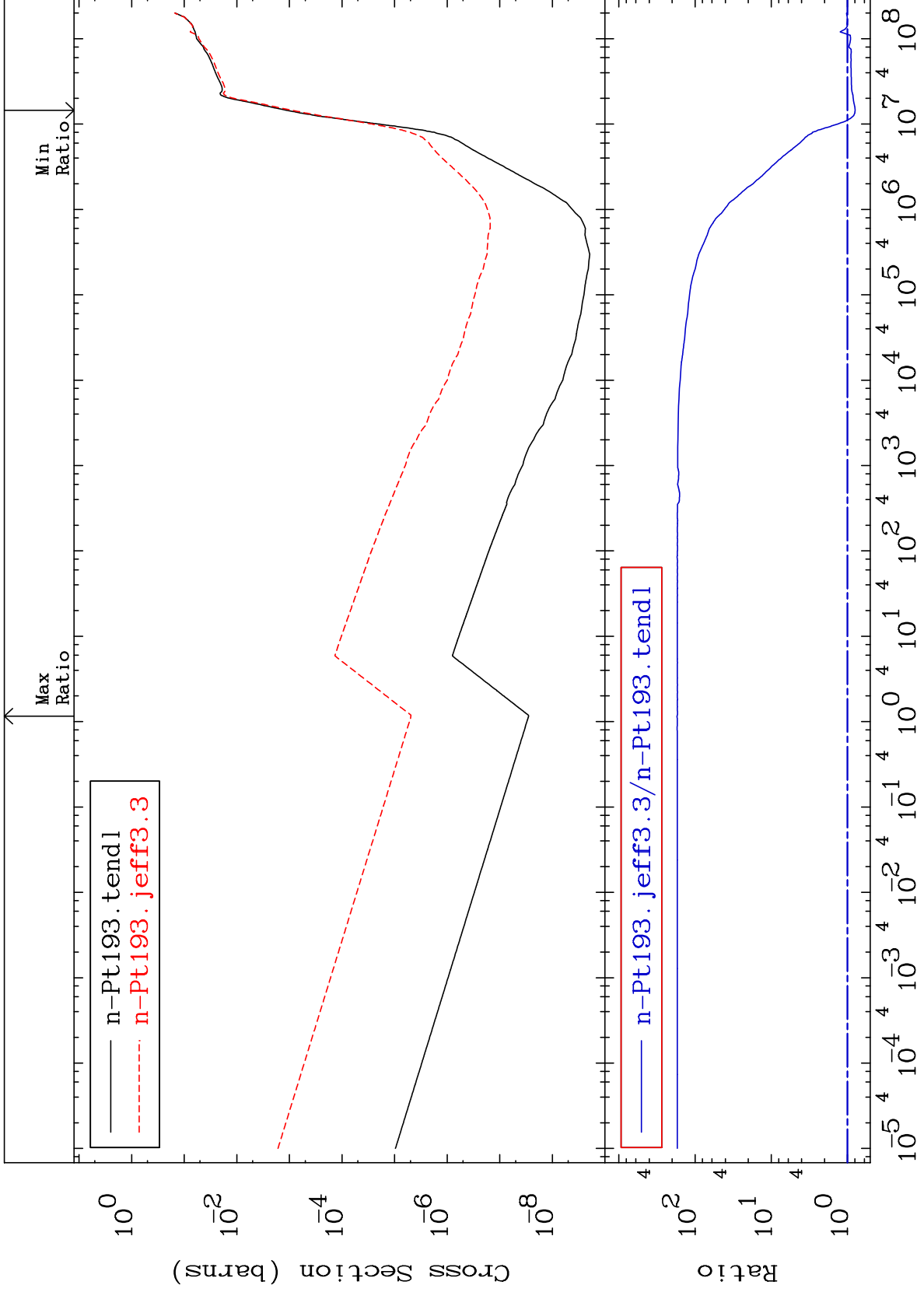
78-Pt-193



MAT 7834

He-4 Production
Cross Section

78-Pt-193
-20.55 To 9999. %



63

Incident Energy (eV)

78-Pt-193

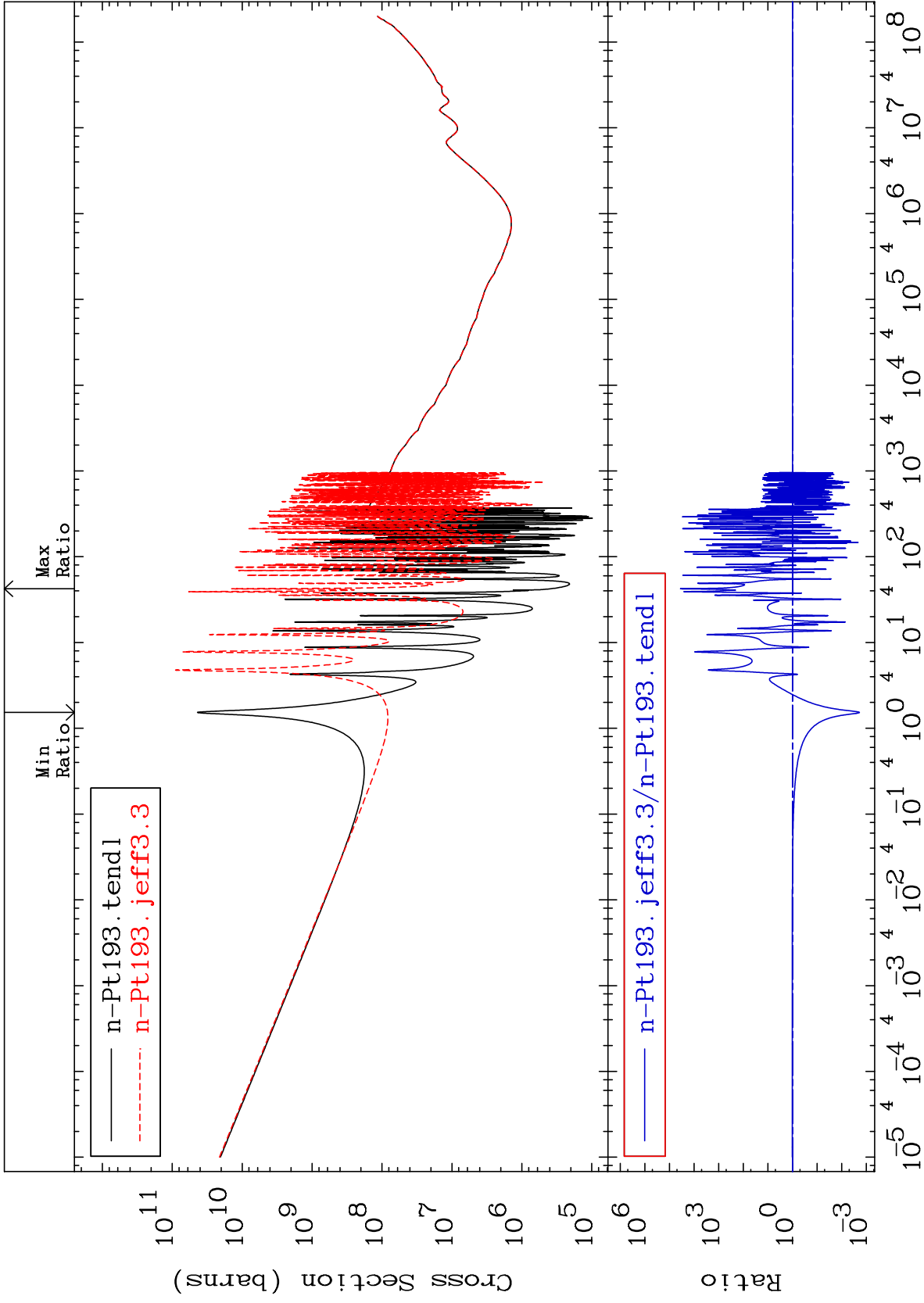
MAT 7834

Kerma total (eV-barns)

78-Pt-193

-99.81 To 9999. %

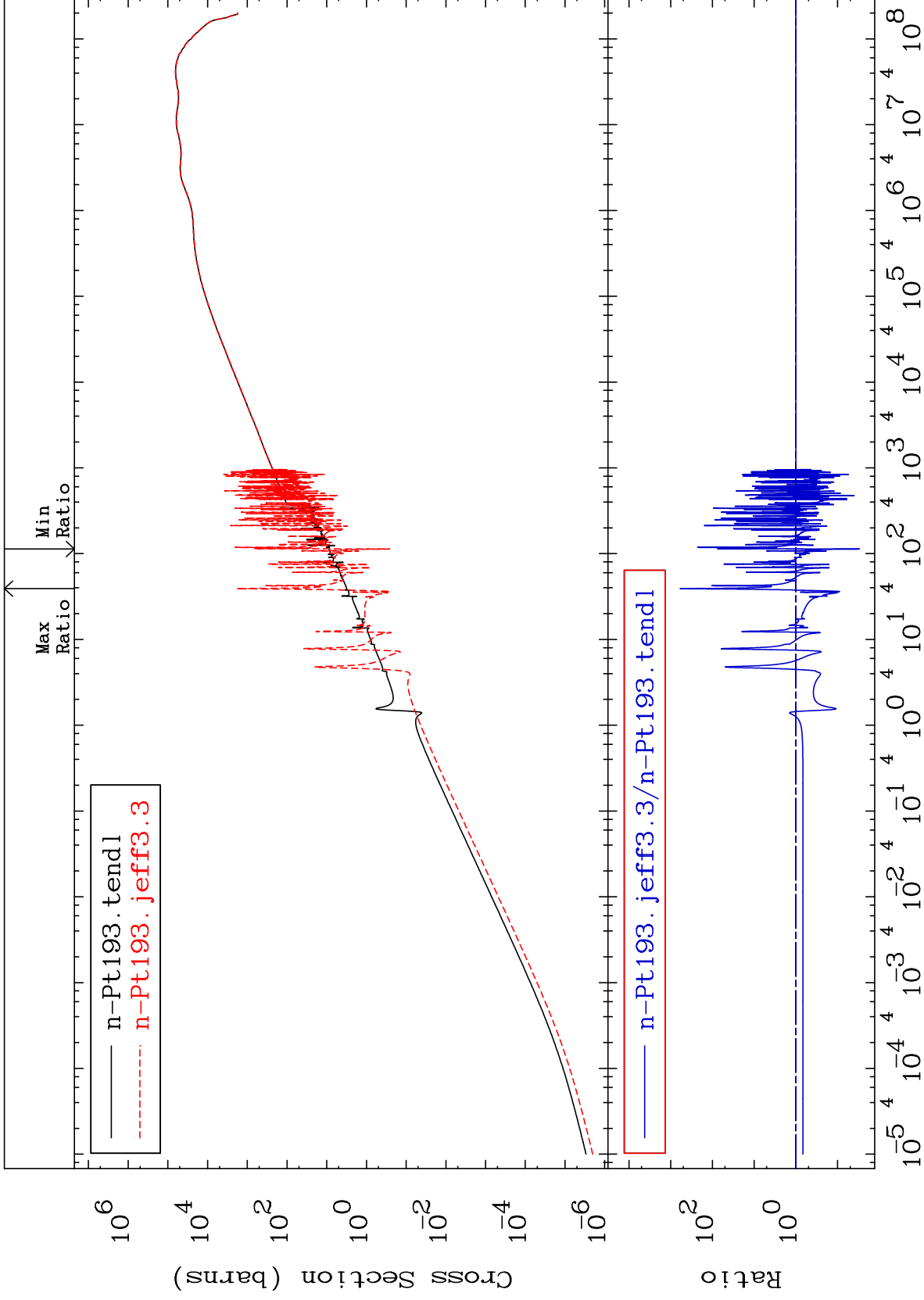
Cross Section

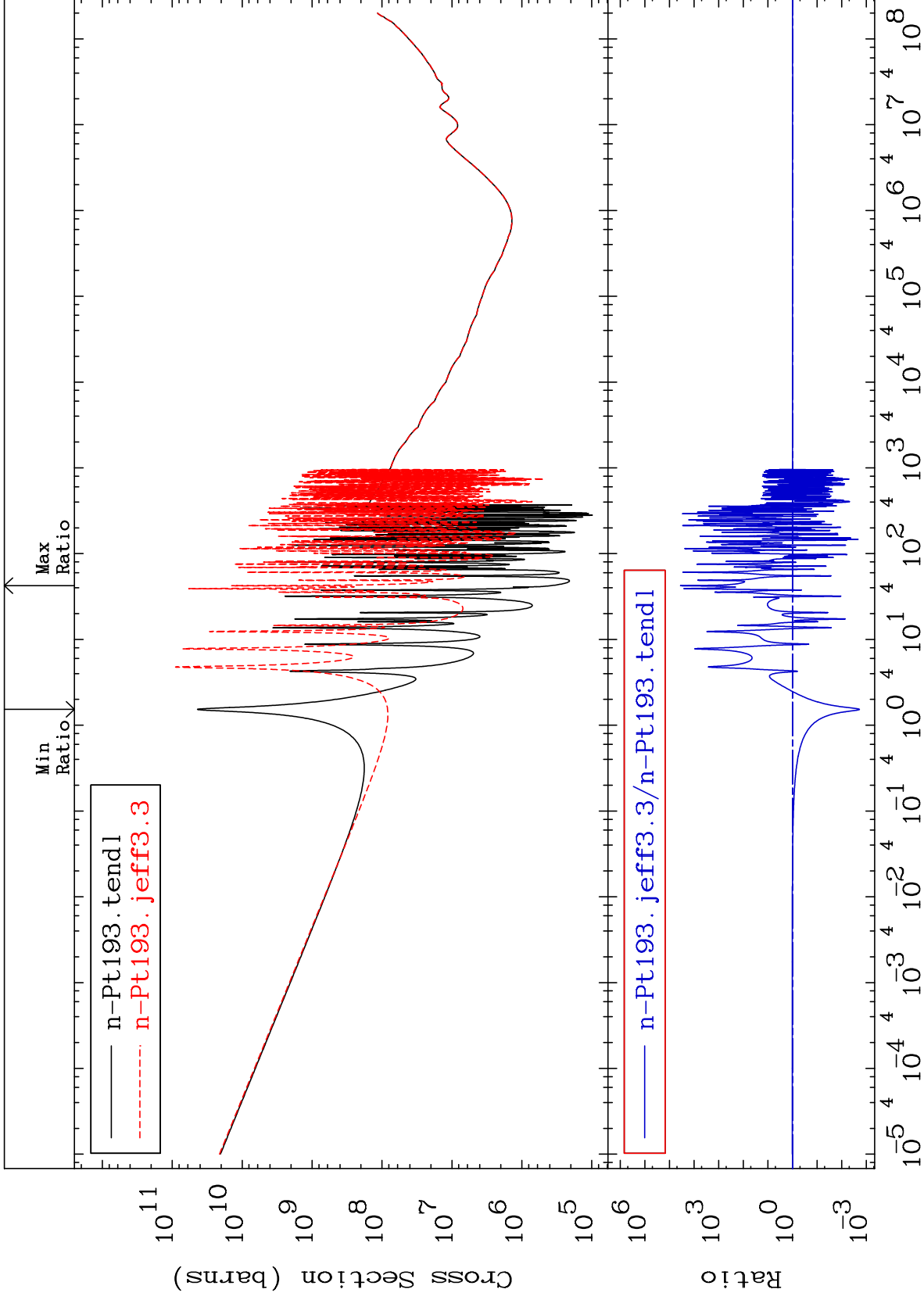


MAT 7834

Kerma elastic
Cross Section

78-Pt-193
-97.00 To 9999. %

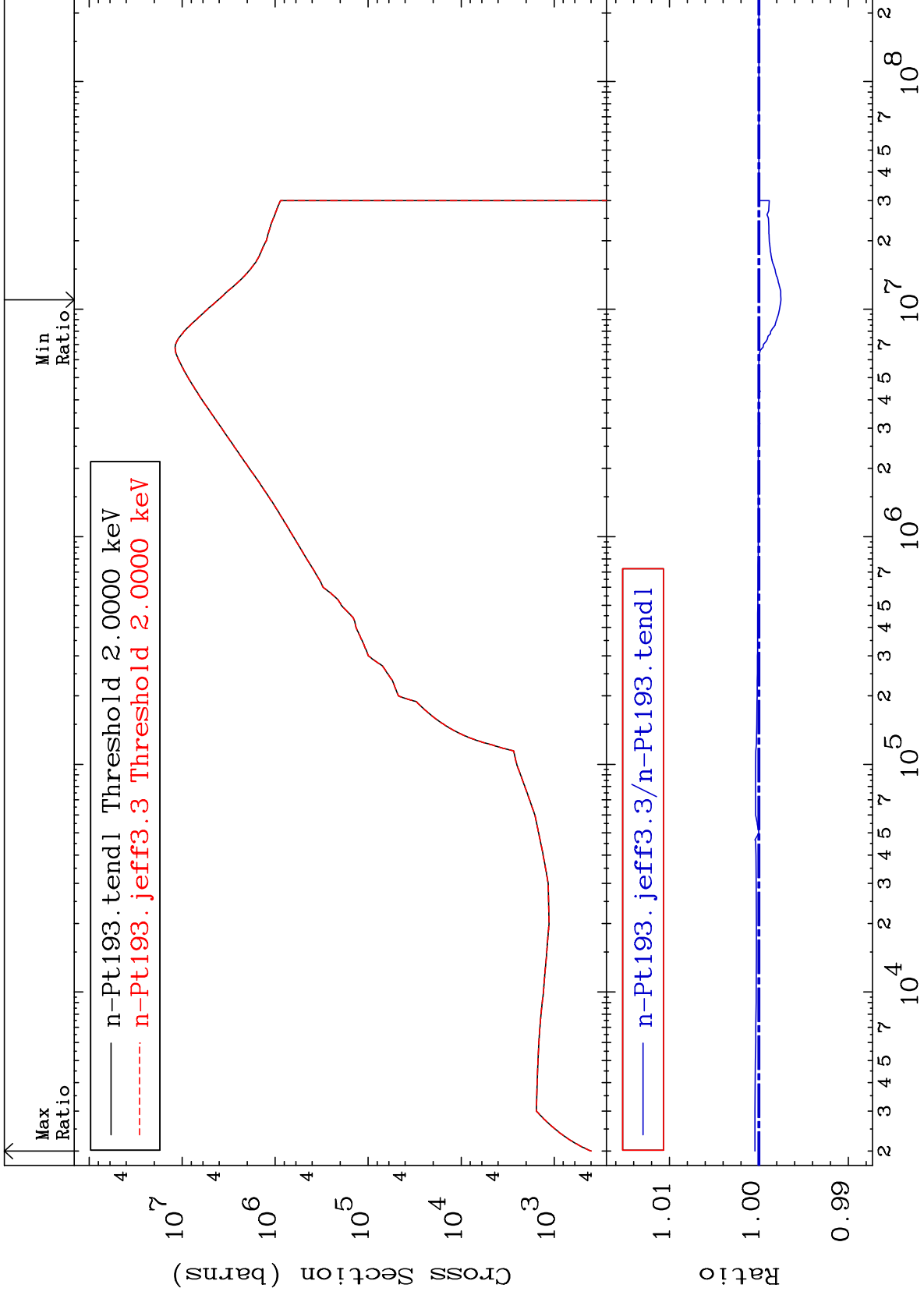


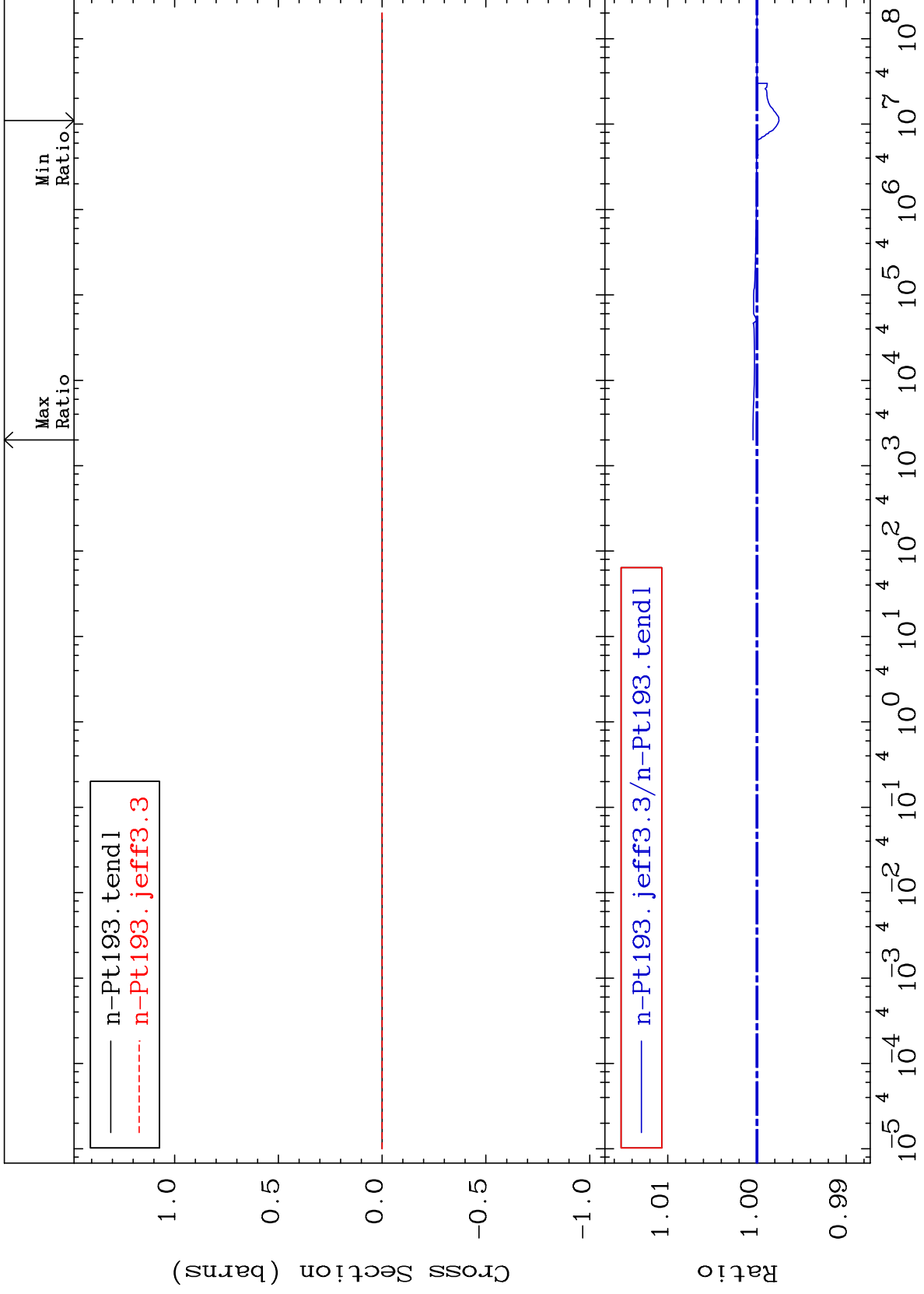


MAT 7834

Kerma inelastic (mt51-91)
Cross Section

78-Pt-193
-0.248 To 0.044 %

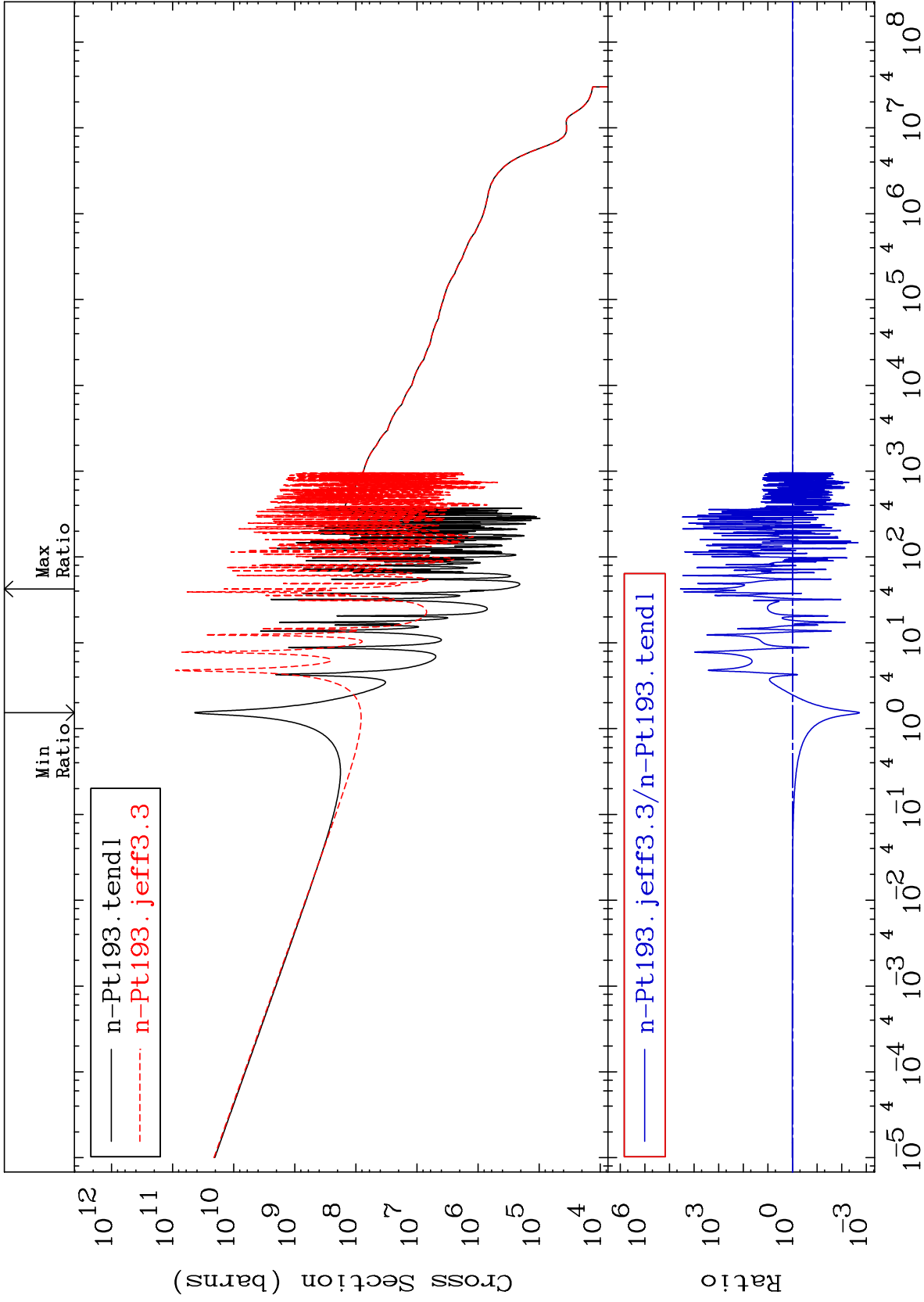




MAT 7834

Kerma capture (mt102)
Cross Section

78-Pt-193
-99.81 To 9999. %



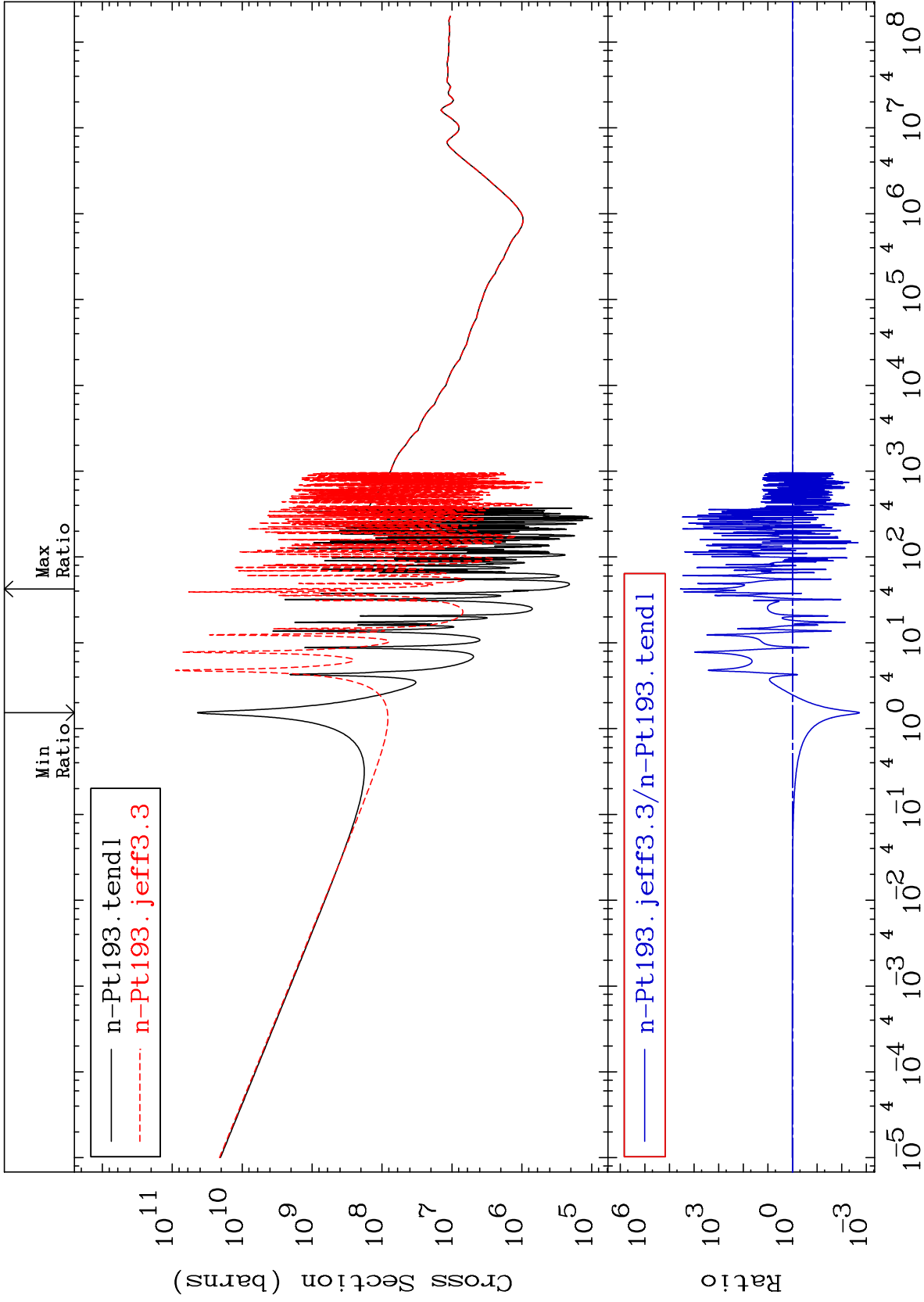
MAT 7834

Total photon (eV-barns)

78-Pt-193

Cross Section

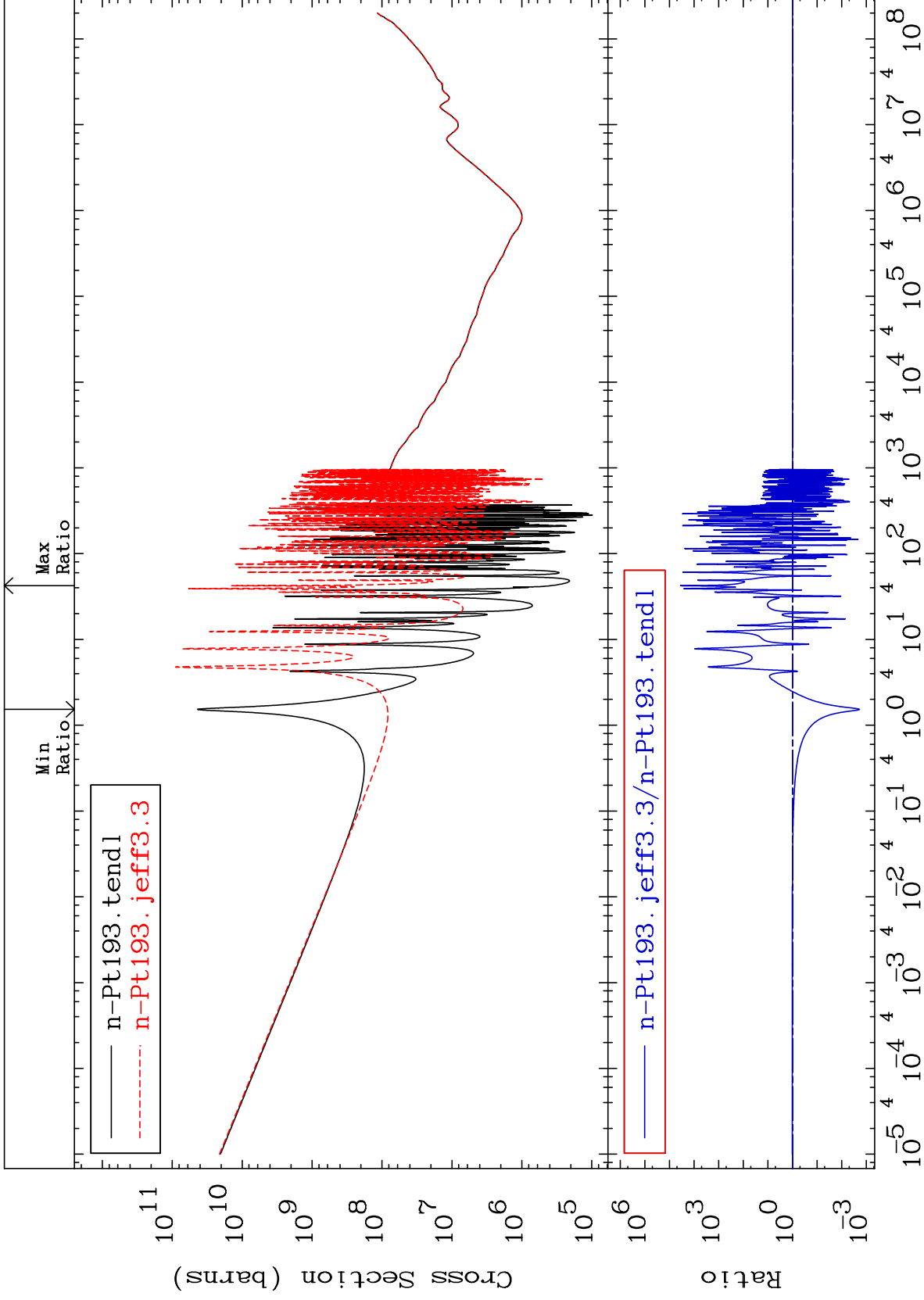
-99.81 To 9999. %

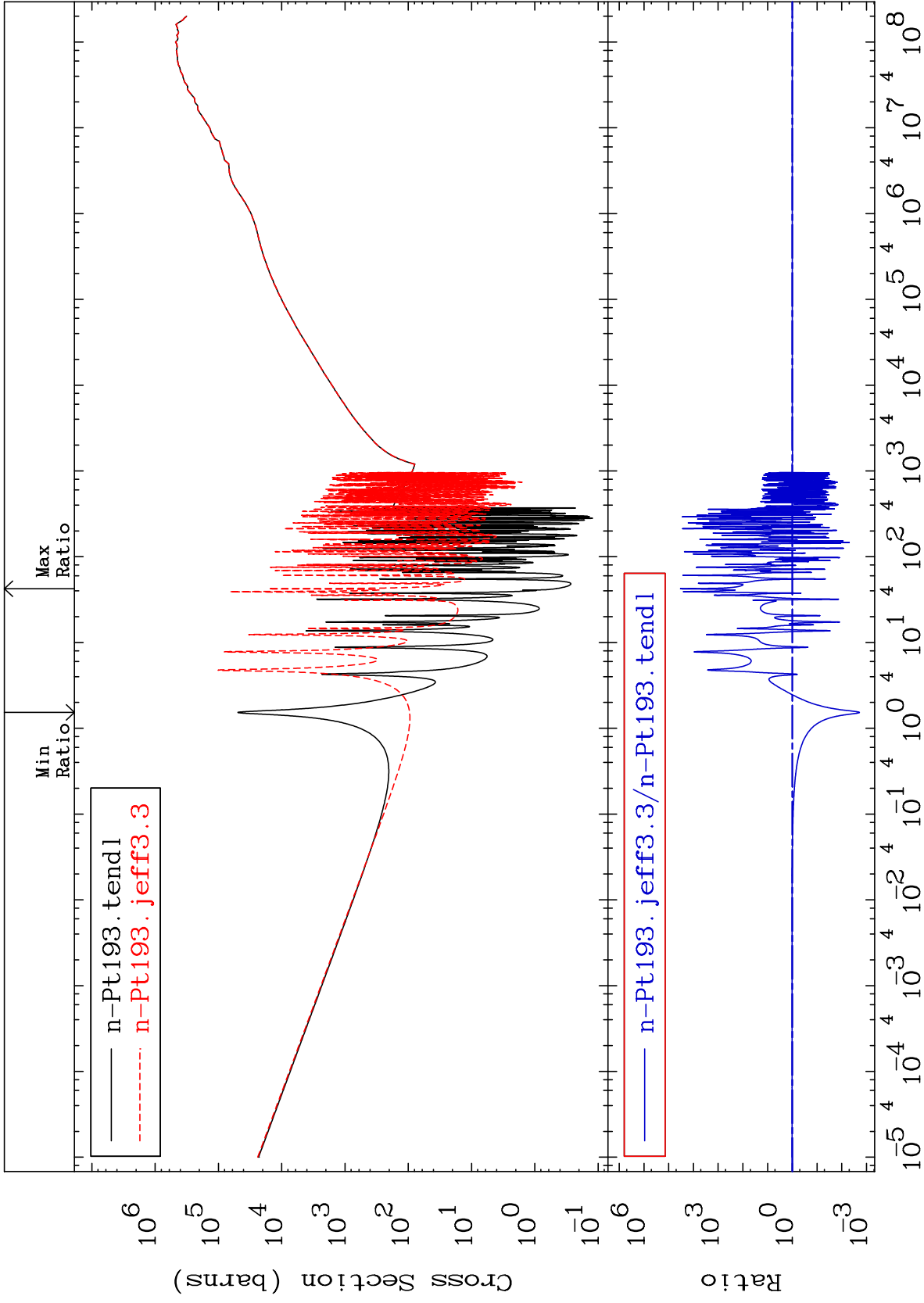


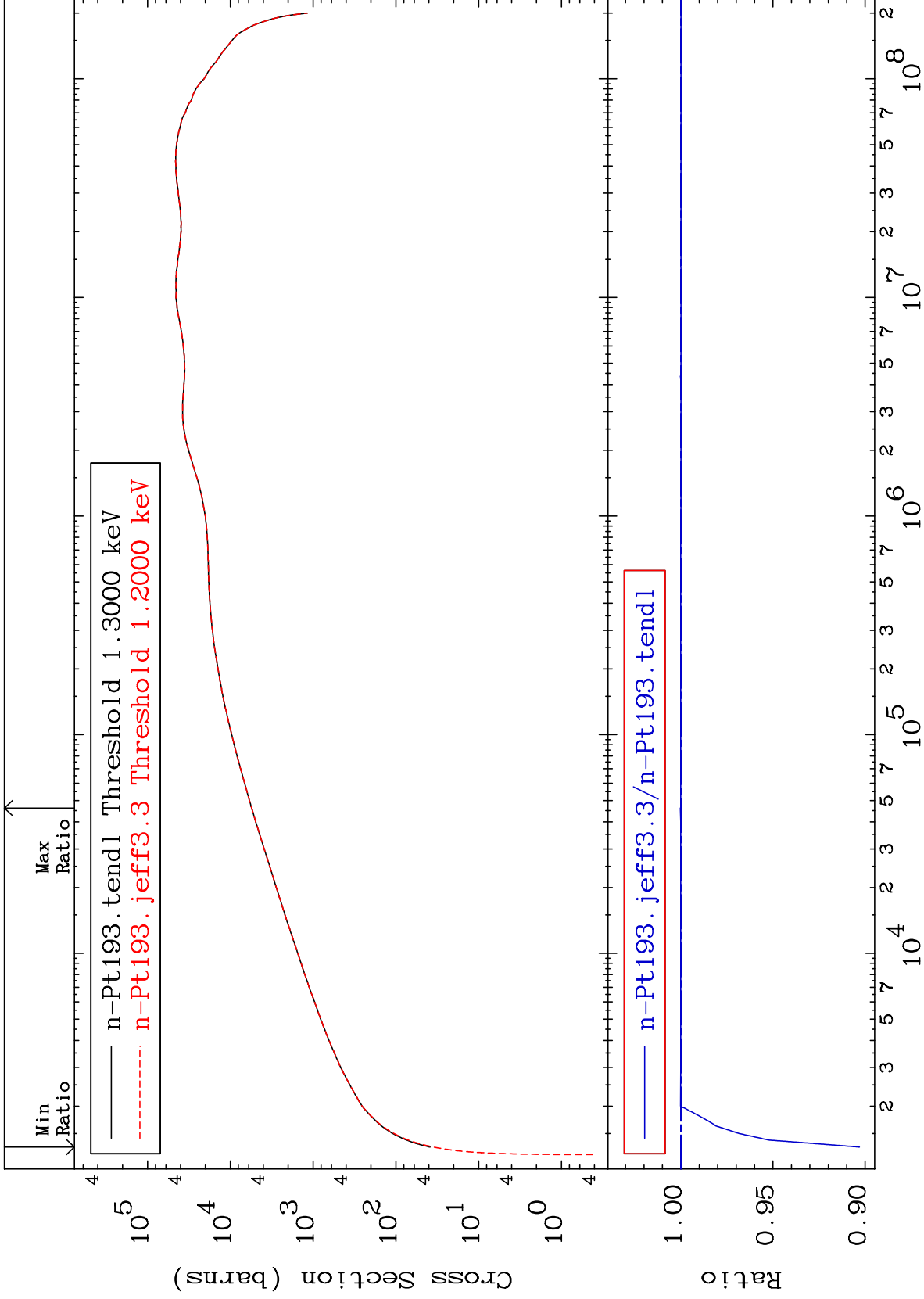
70

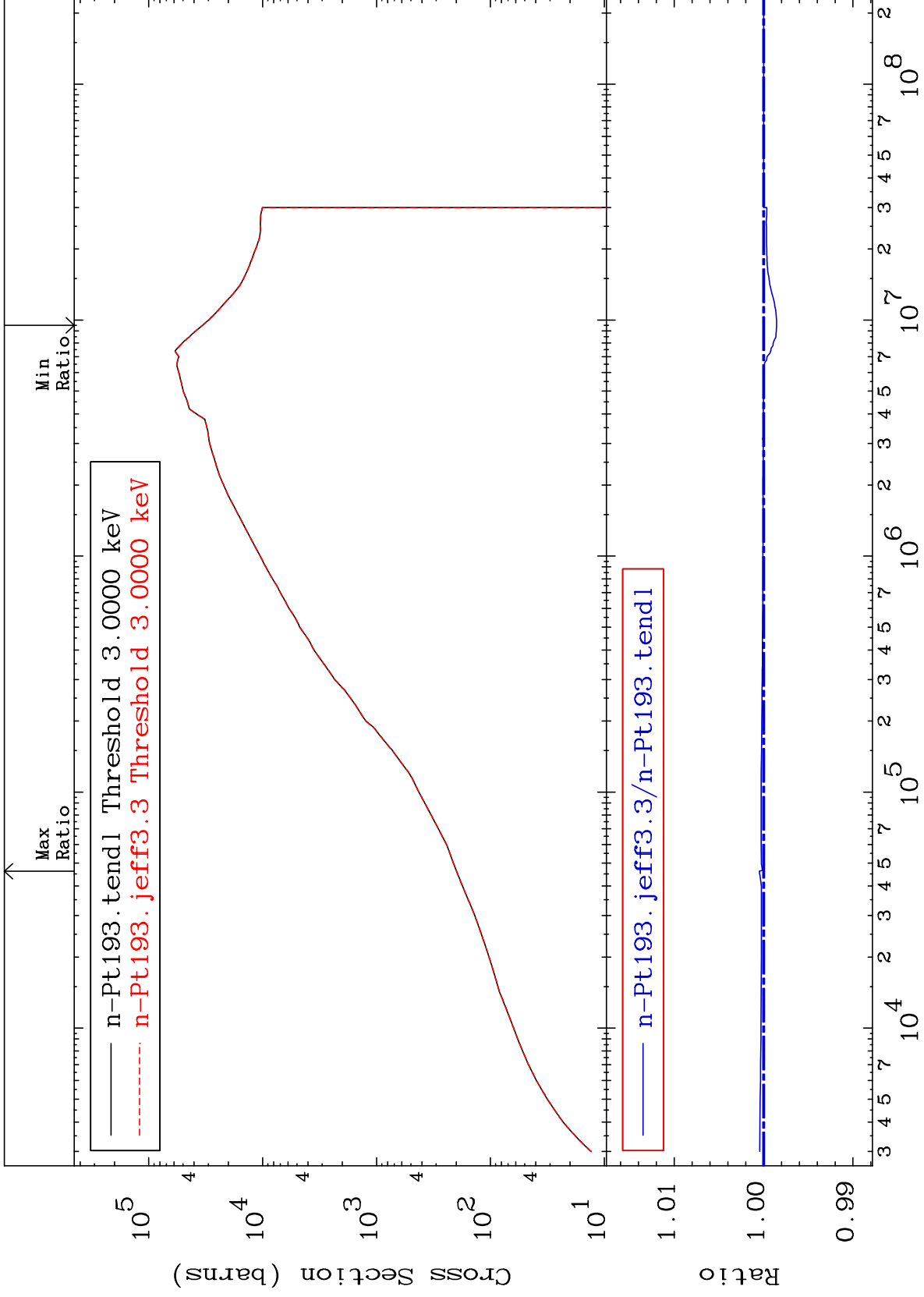
Incident Energy (eV)

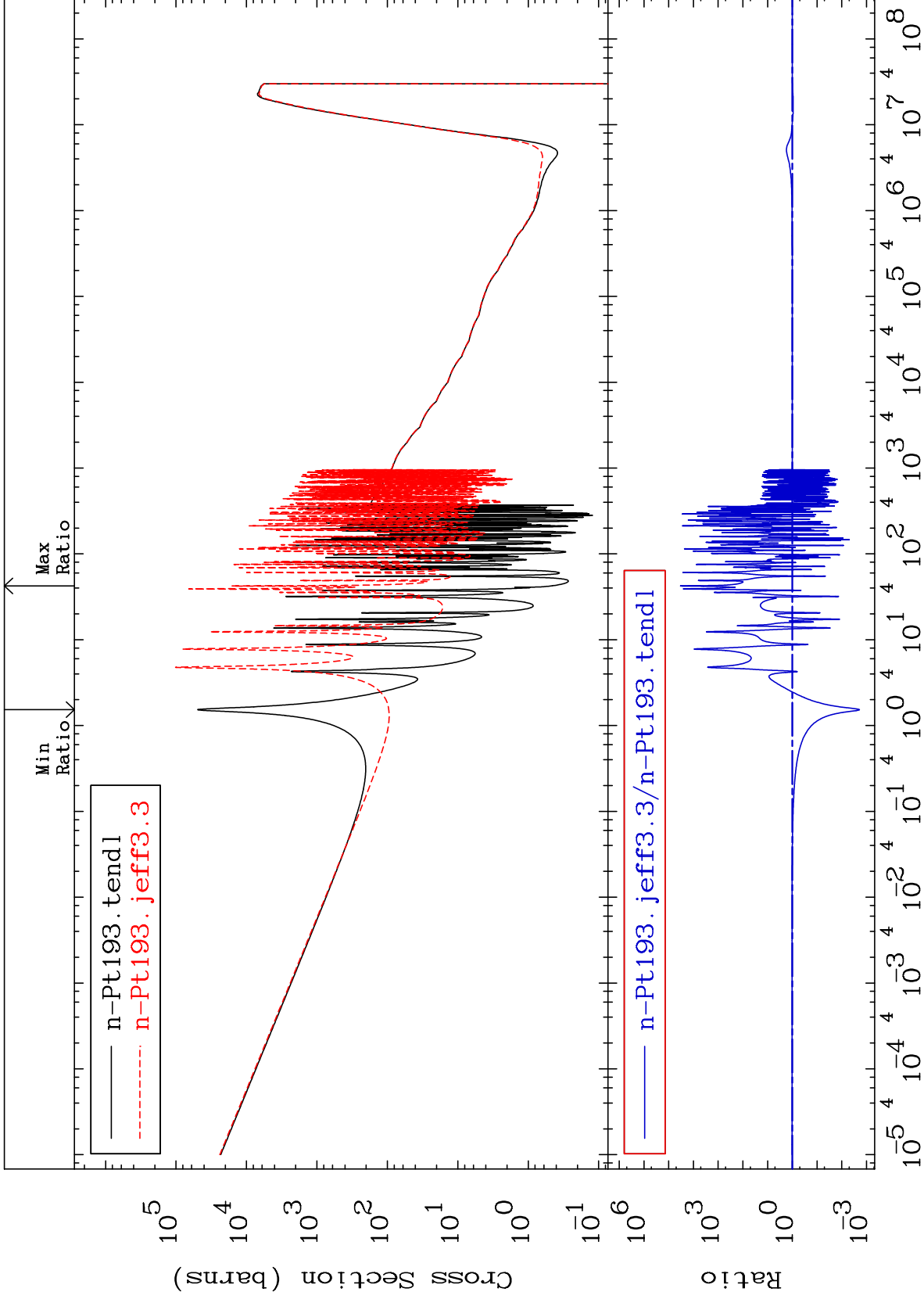
78-Pt-193











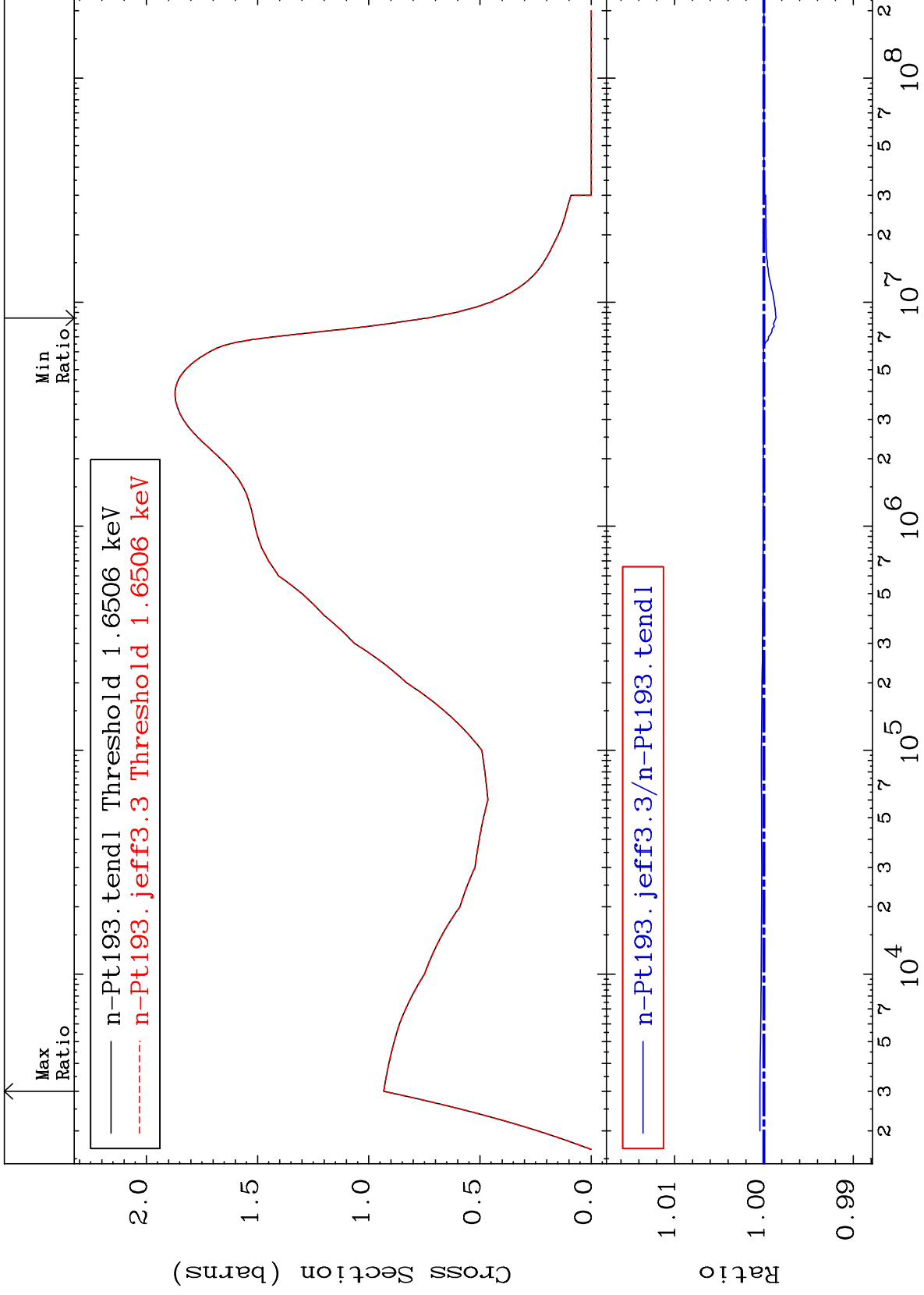
MAT 7834

Inelastic: 78-Pt-193g

78-Pt-193

Radionuclide Production Cross Section

-0.135 To 0.044 %



76

Incident Energy (eV)

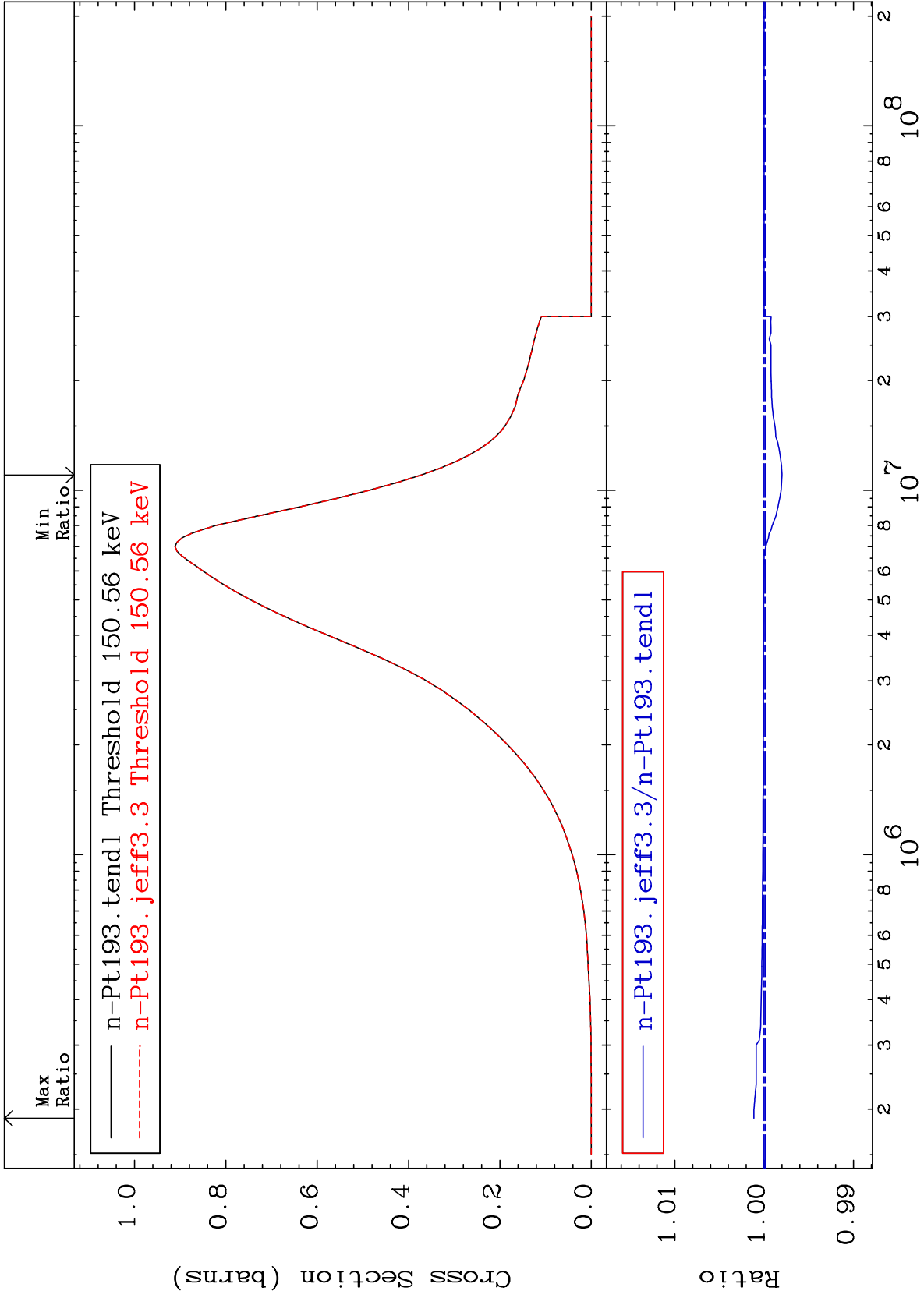
78-Pt-193

MAT 7834

Inelastic: 78-Pt-193m5

78-Pt-193

Radionuclide Production Cross Section -0.200 To 0.115 %



77

Incident Energy (eV)

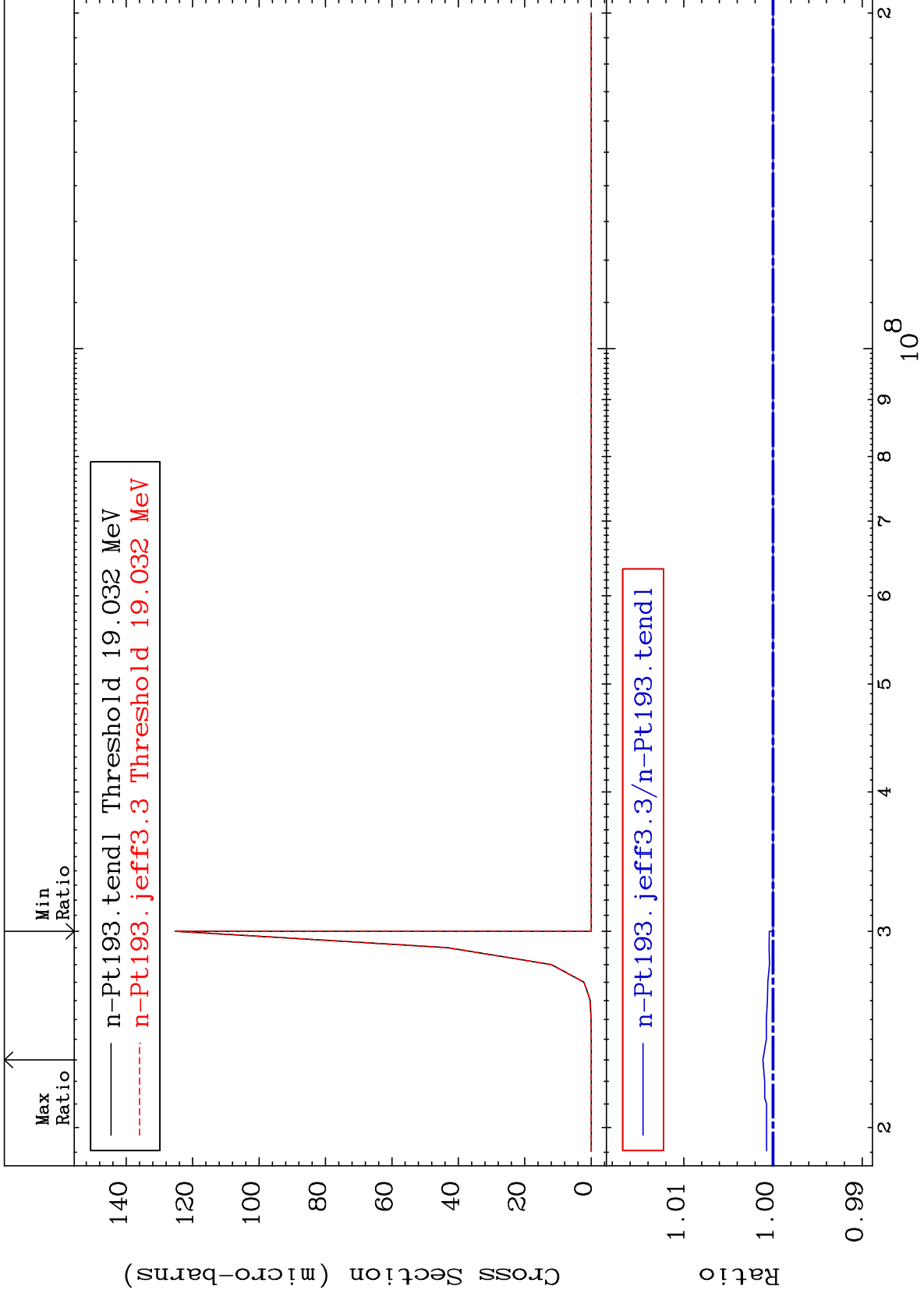
78-Pt-193

MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section 0.000 To 0.113 %



78

Incident Energy (eV)

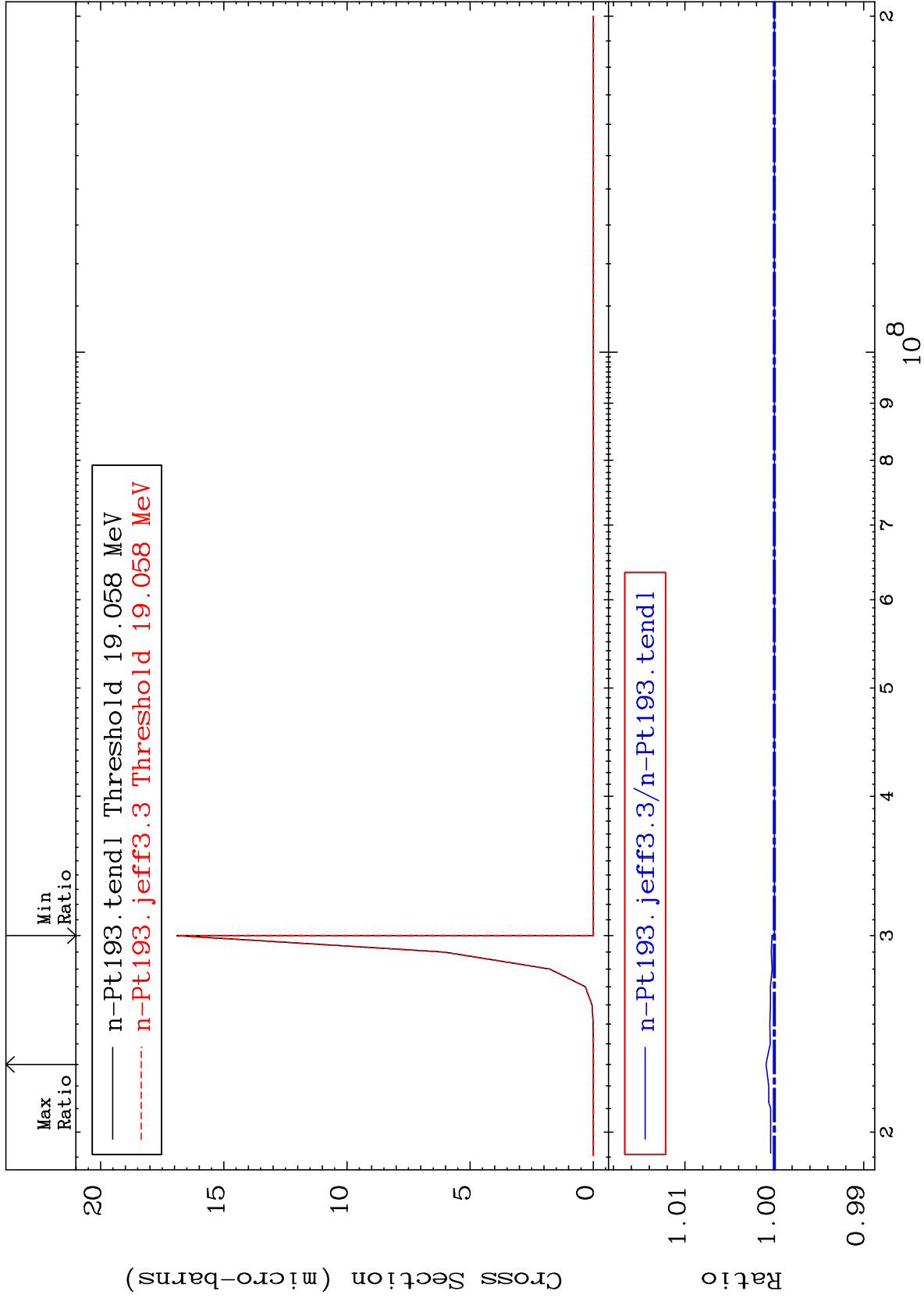
78-Pt-193

MAT 7834

(n,2n) d:77-Ir-190m2

78-Pt-193

Radionuclide Production Cross Section 0.000 To 0.093 %



79

Incident Energy (eV)

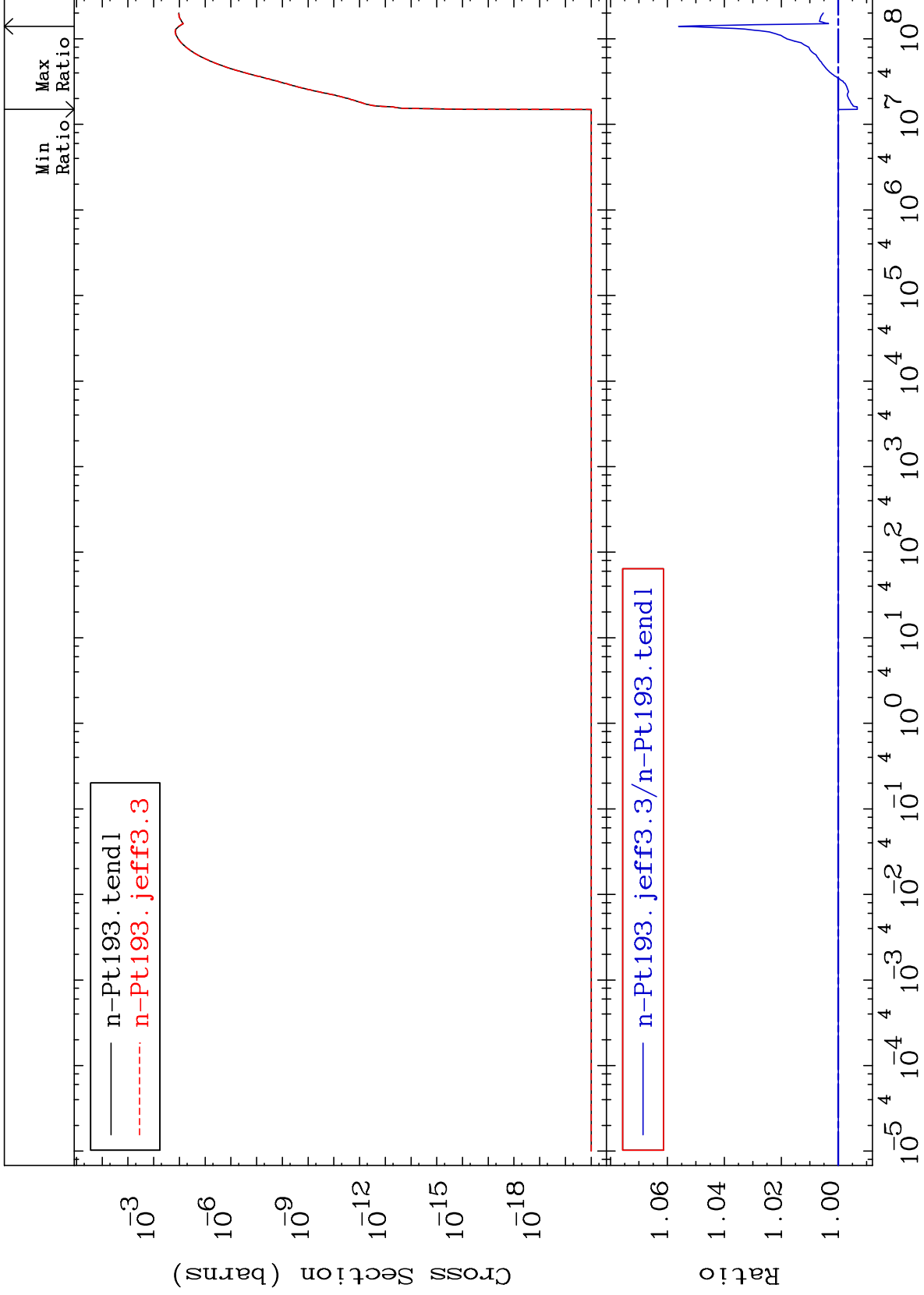
78-Pt-193

MAT 7834

Fission: Photon

78-Pt-193

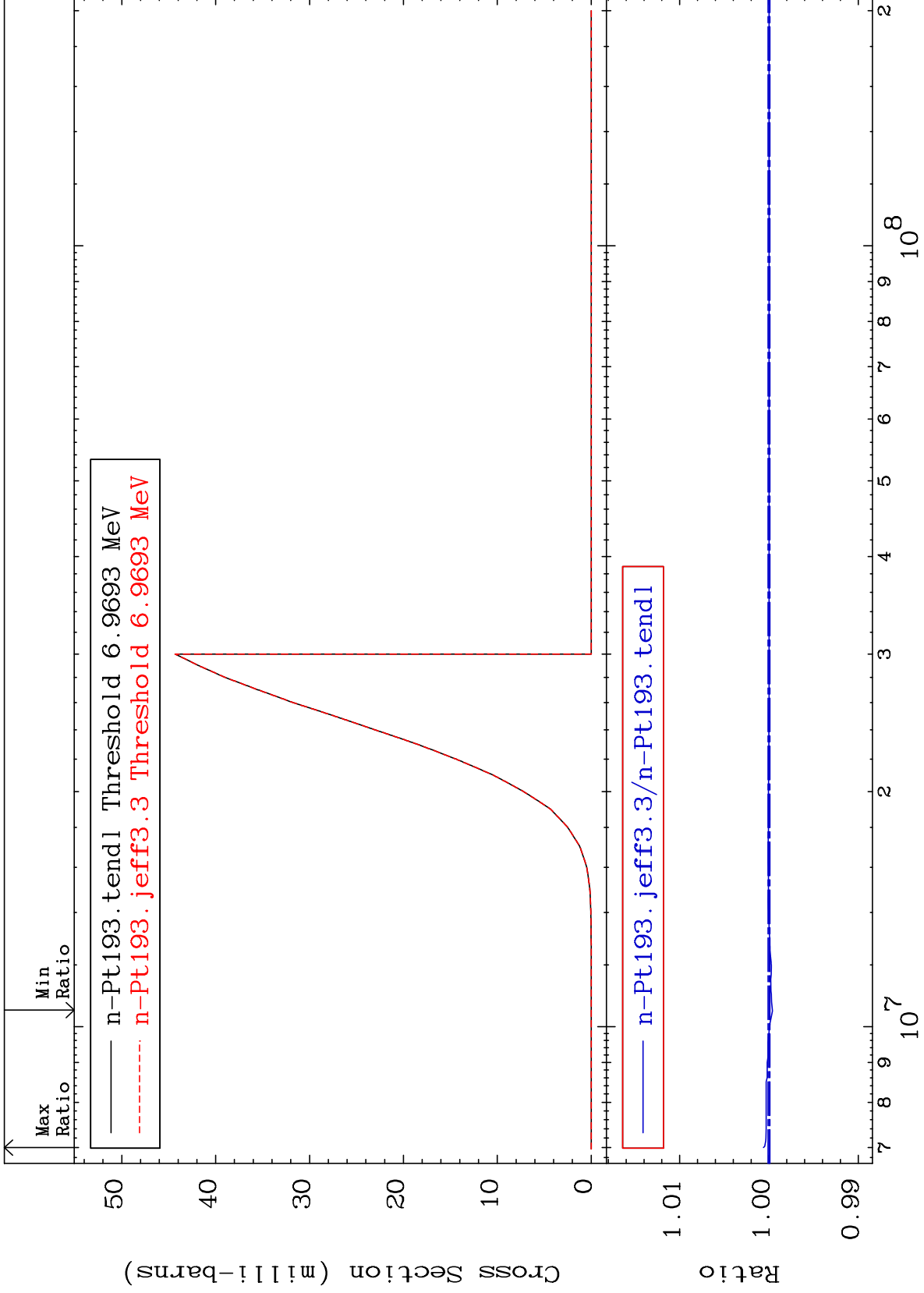
Radionuclide Production Cross Section -0.668 To 5.606 %



80

Incident Energy (eV)

78-Pt-193

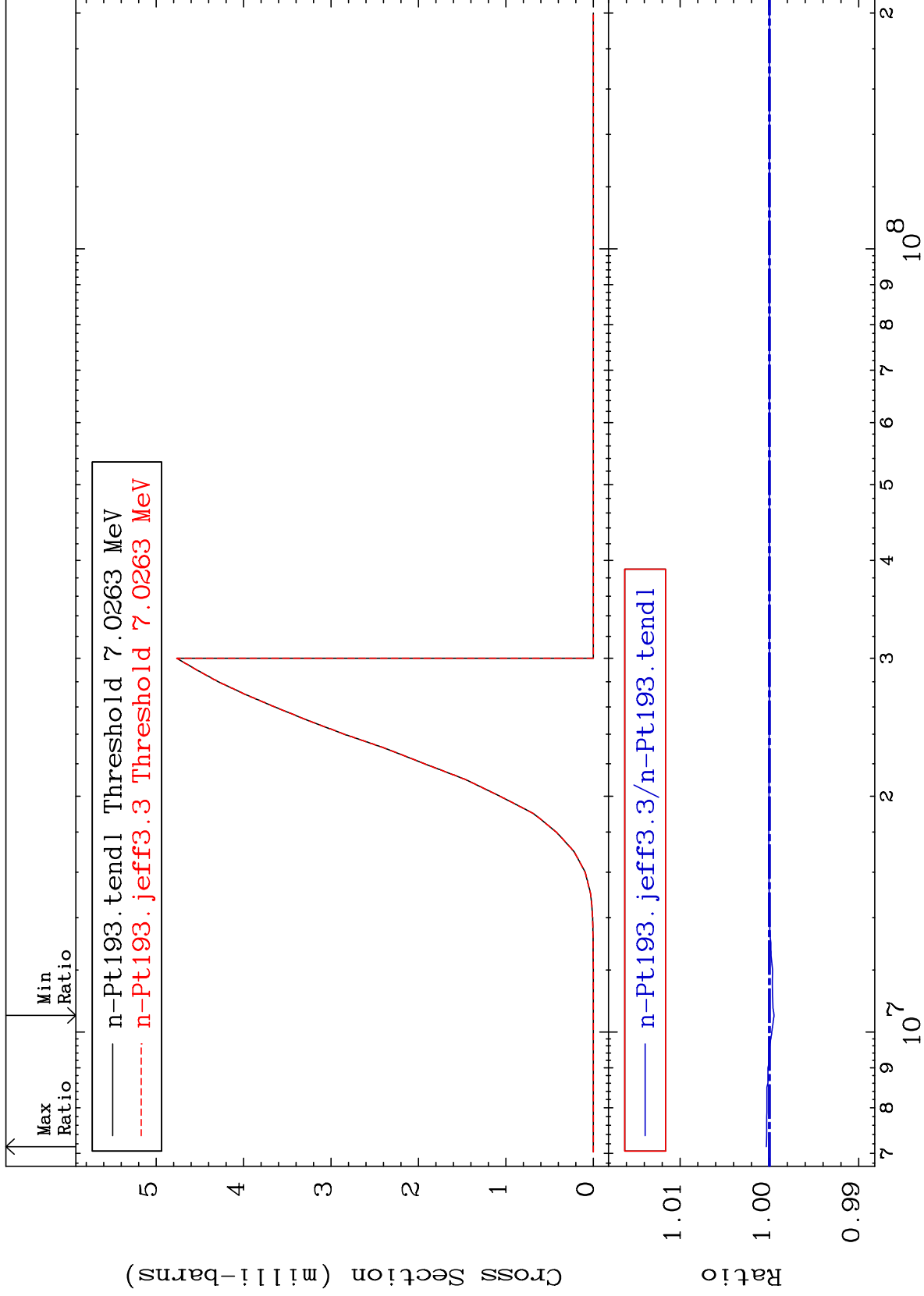


MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section -0.052 To 0.035 %



82

Incident Energy (eV)

78-Pt-193

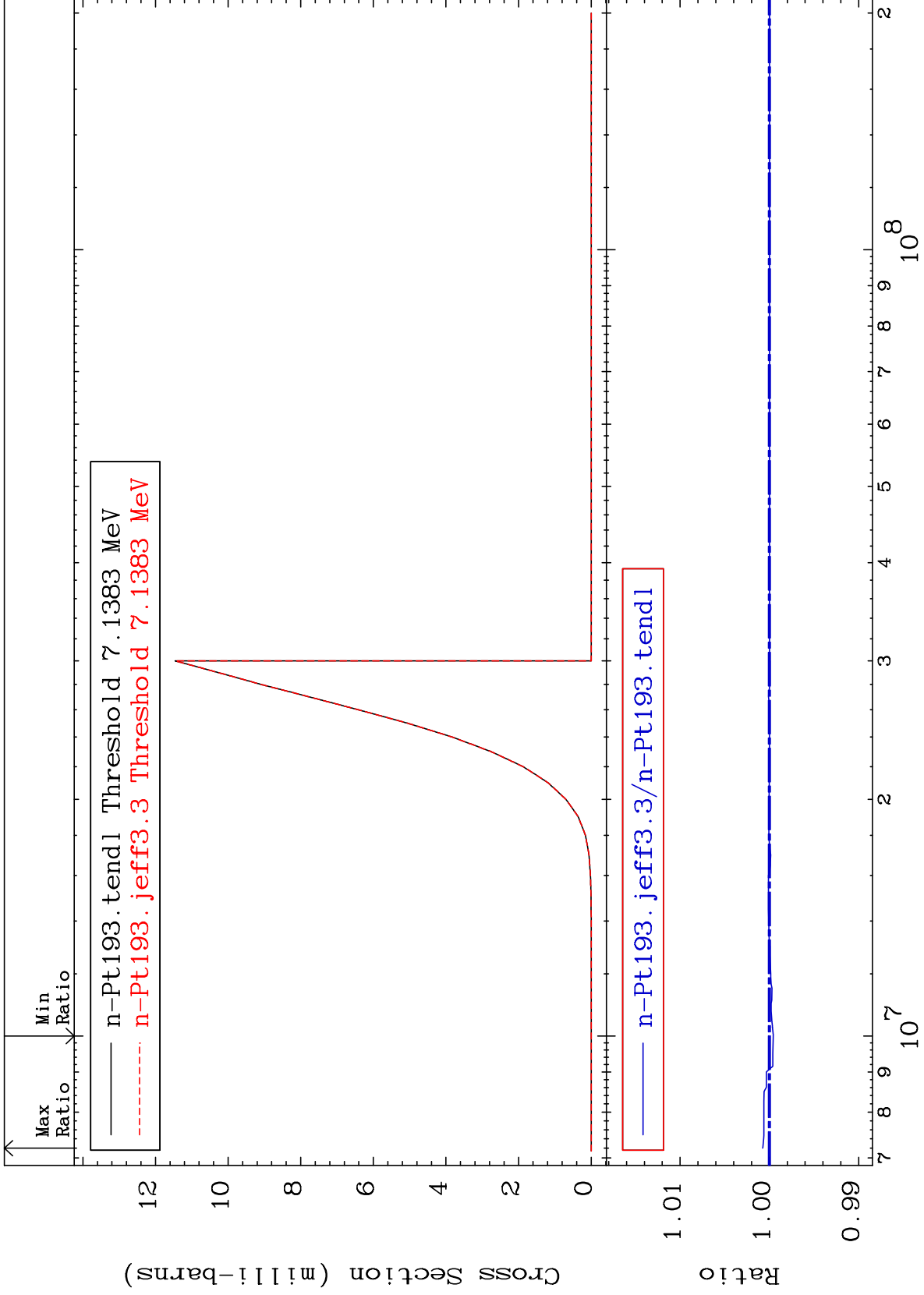
MAT 7834

(n, n') p:77-Ir-192m15

78-Pt-193

Radionuclide Production Cross Section

-0.044 To 0.077 %



83

Incident Energy (eV)

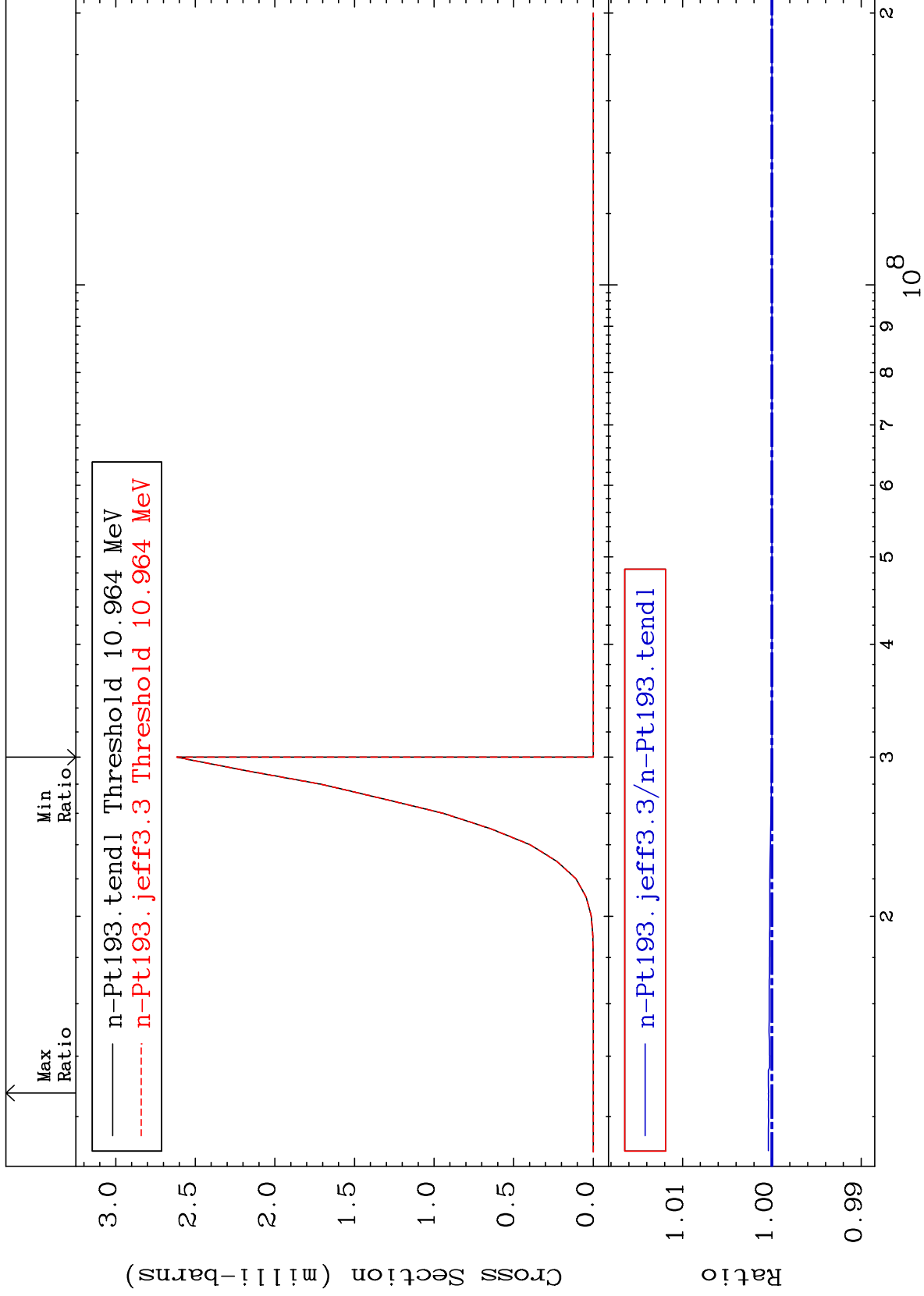
78-Pt-193

MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section 0.000 To 0.039 %

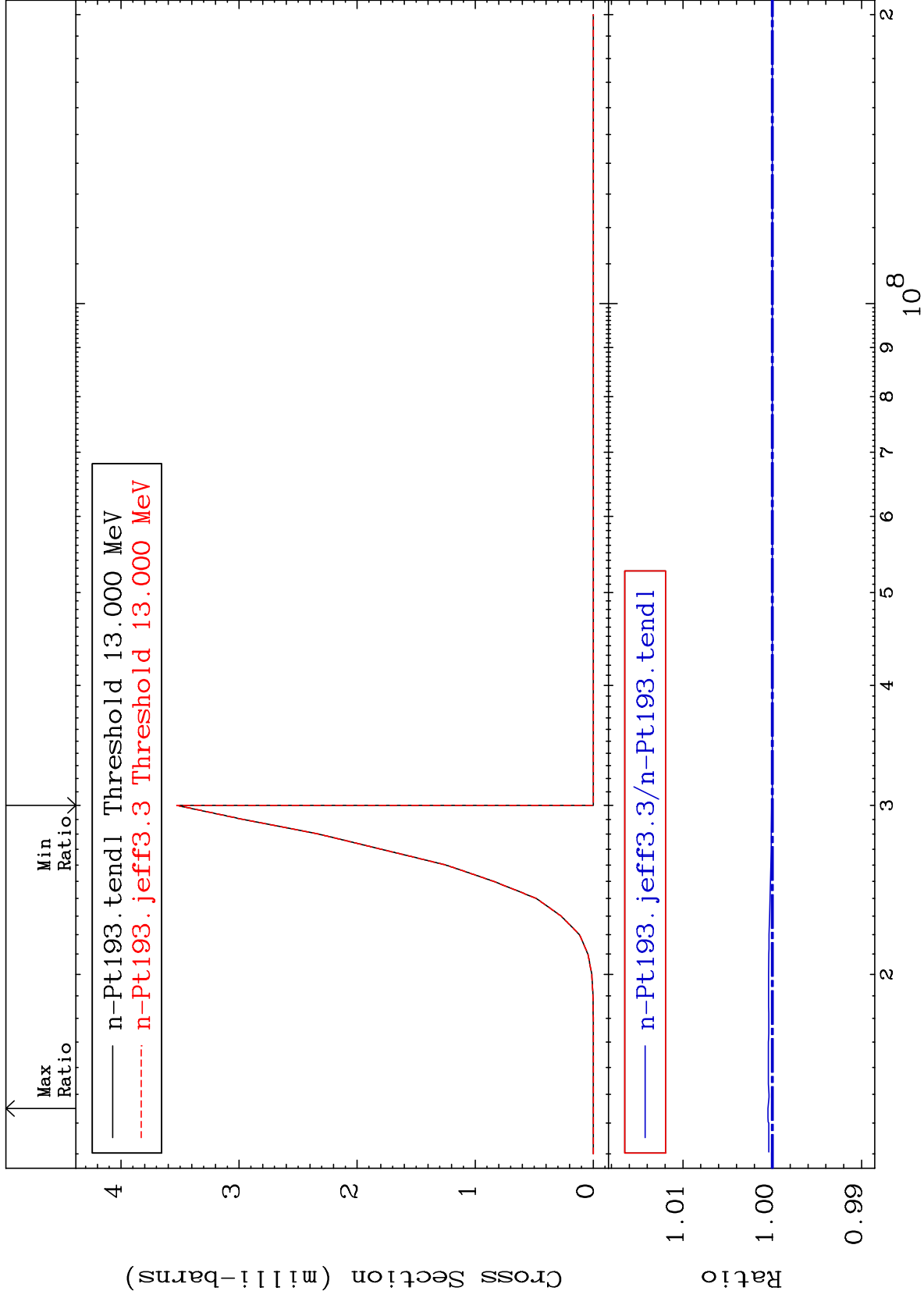


MAT 7834

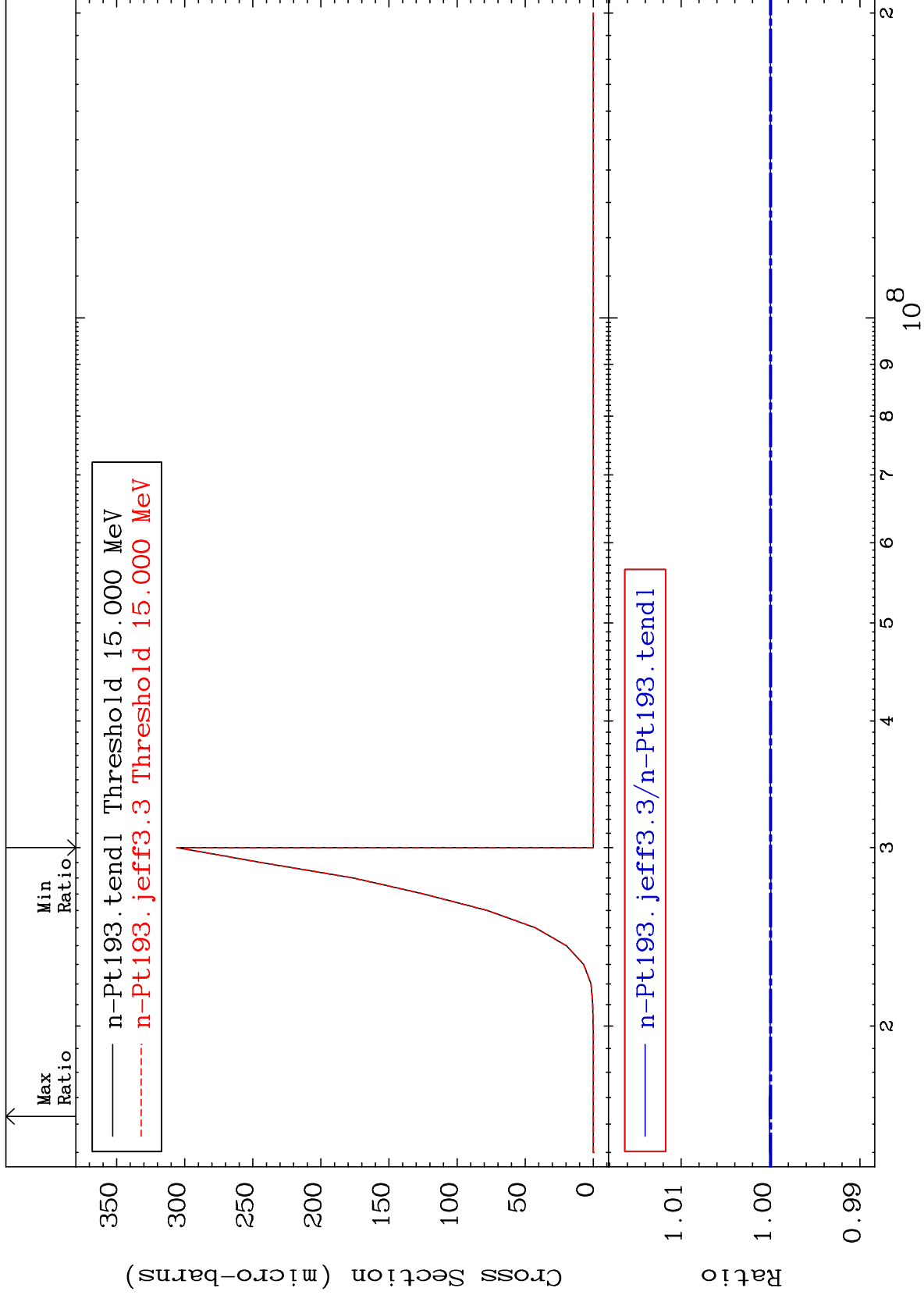
(n, n') d: 77-Ir-191m3

78-Pt-193

Radionuclide Production Cross Section 0.000 To 0.048 %



Radionuclide Production Cross Section -0.006 To 0.014 %

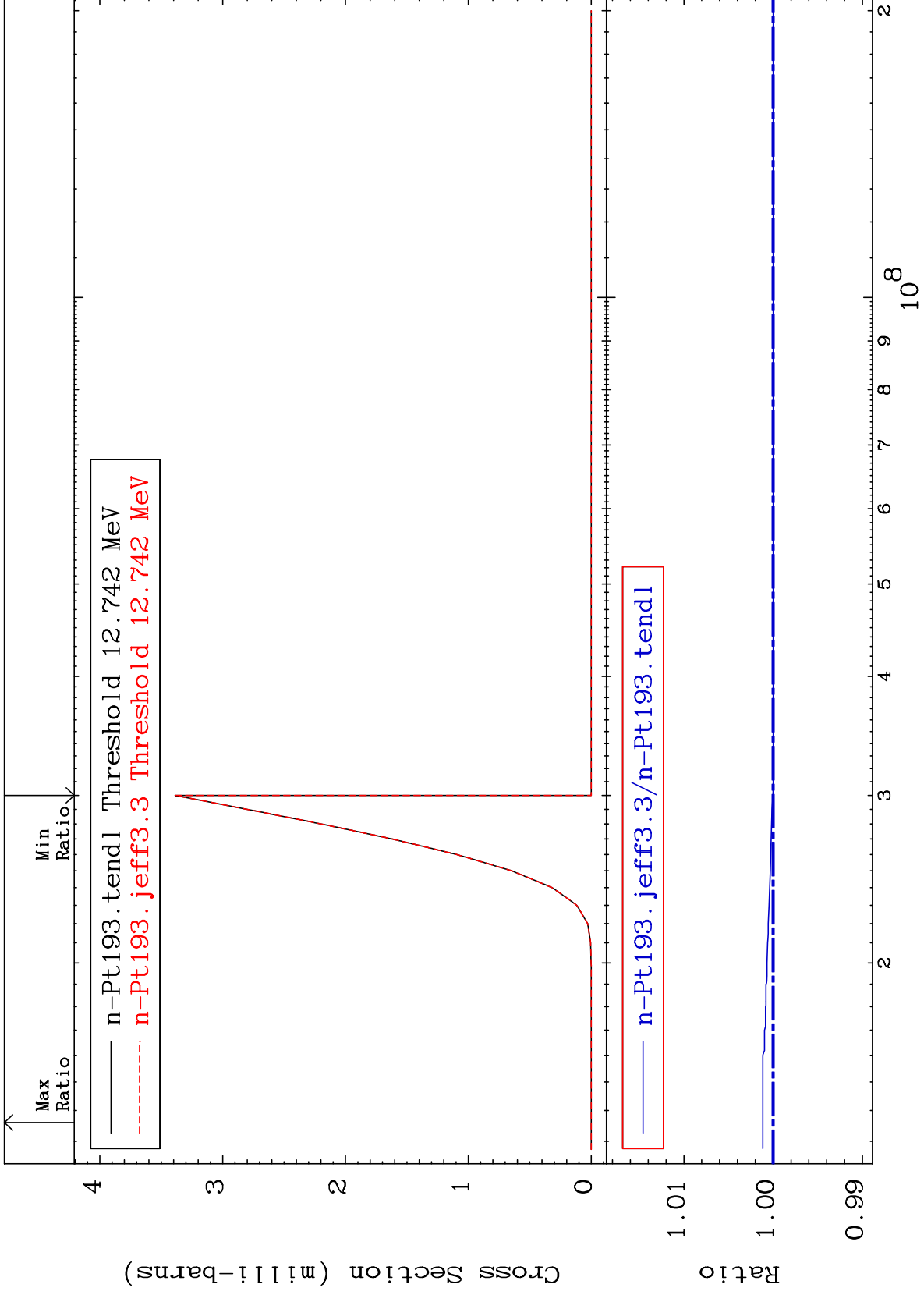


MAT 7834

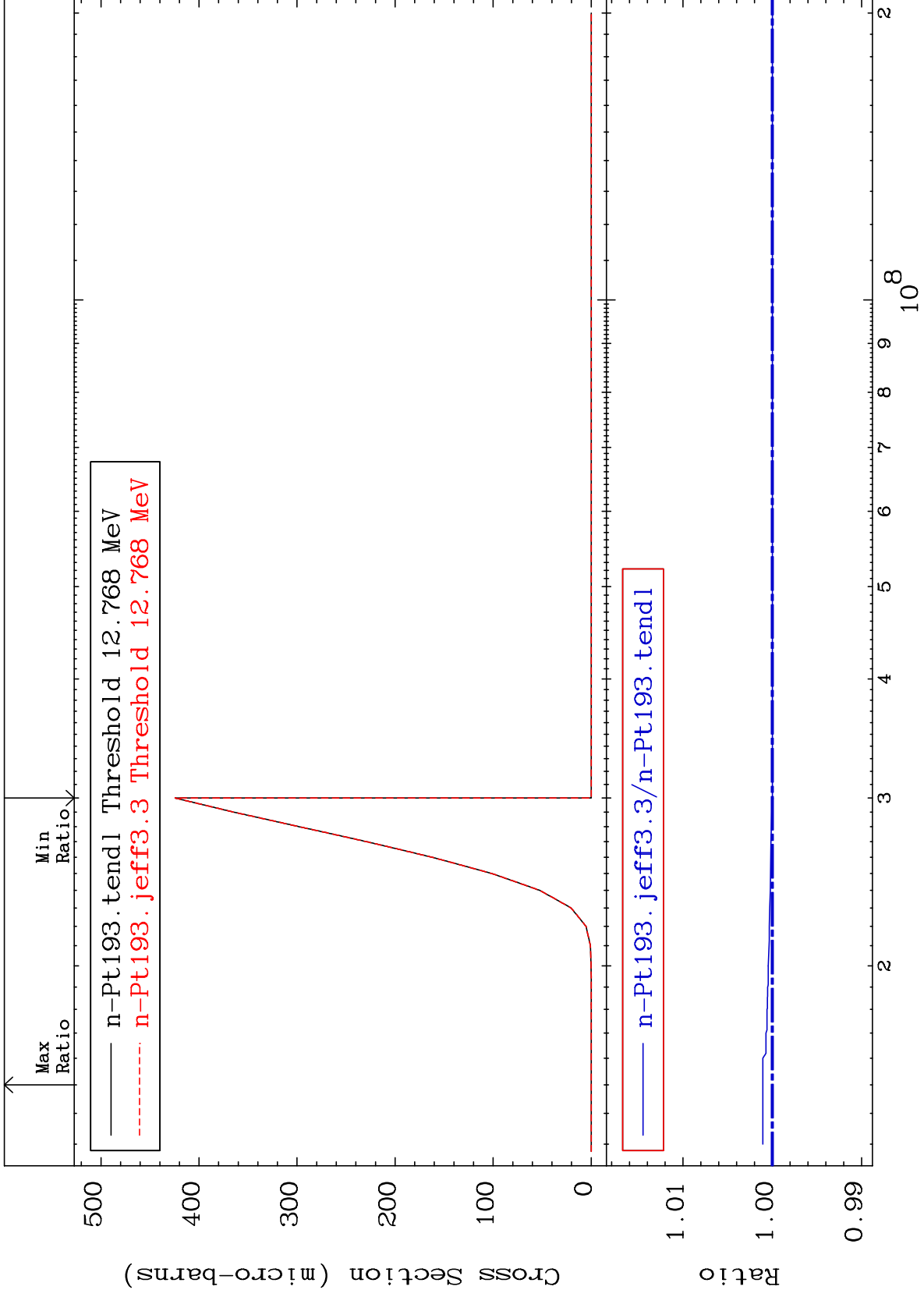
(n, n') t: 77-Ir-190g

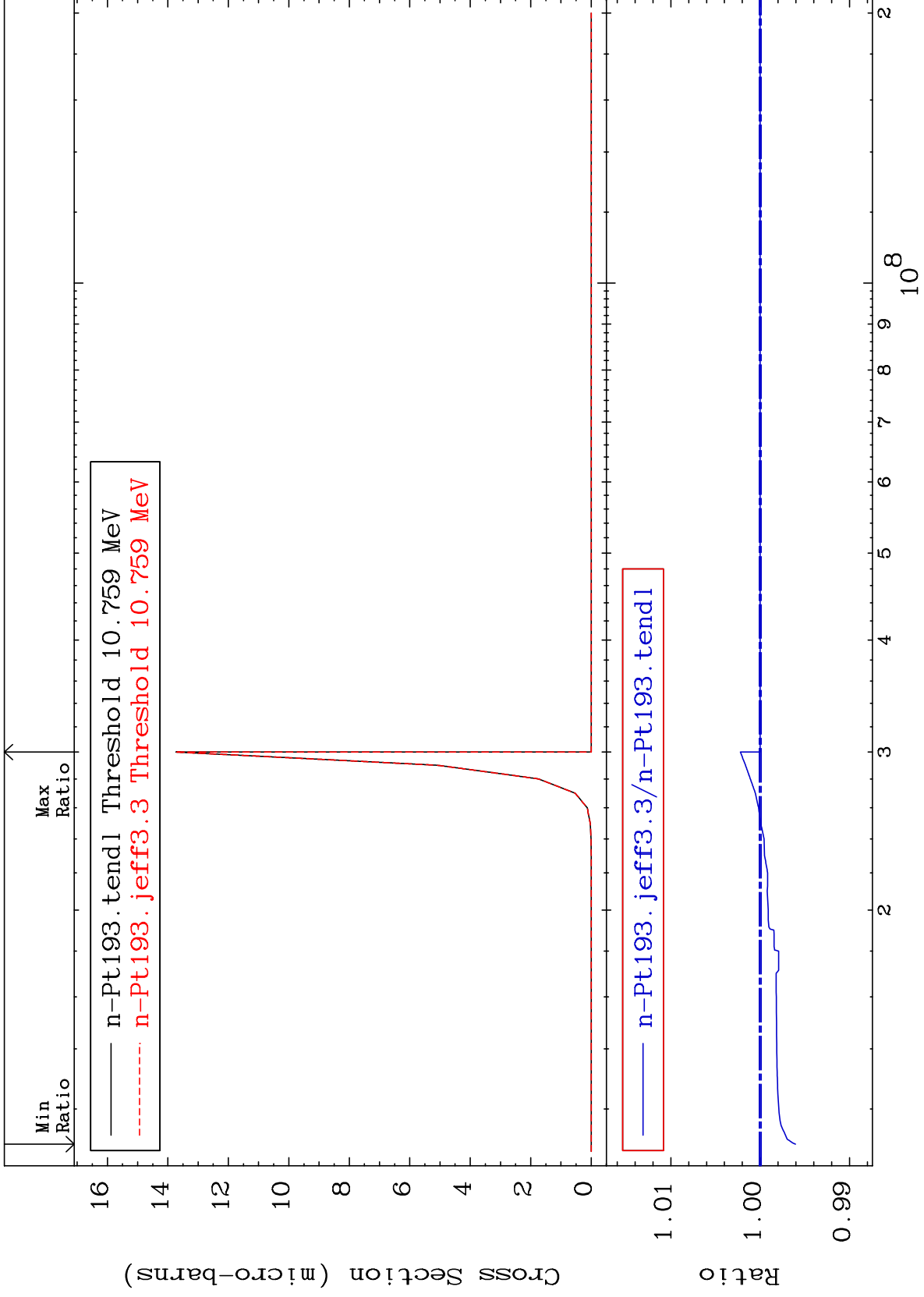
78-Pt-193

Radionuclide Production Cross Section 0.000 To 0.117 %



Radionuclide Production Cross Section -0.009 To 0.106 %



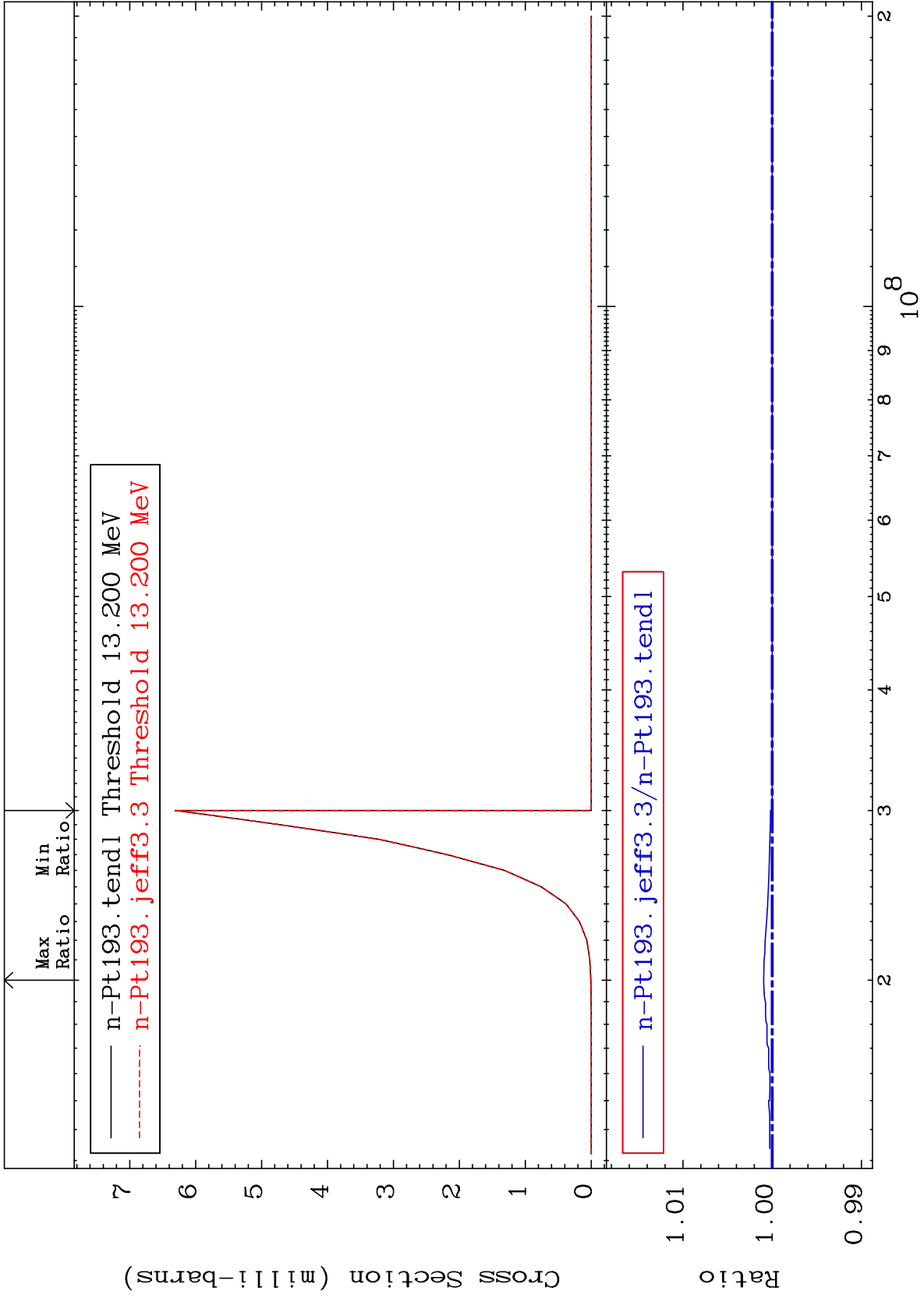


MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section 0.000 To 0.095 %



90

Incident Energy (eV)

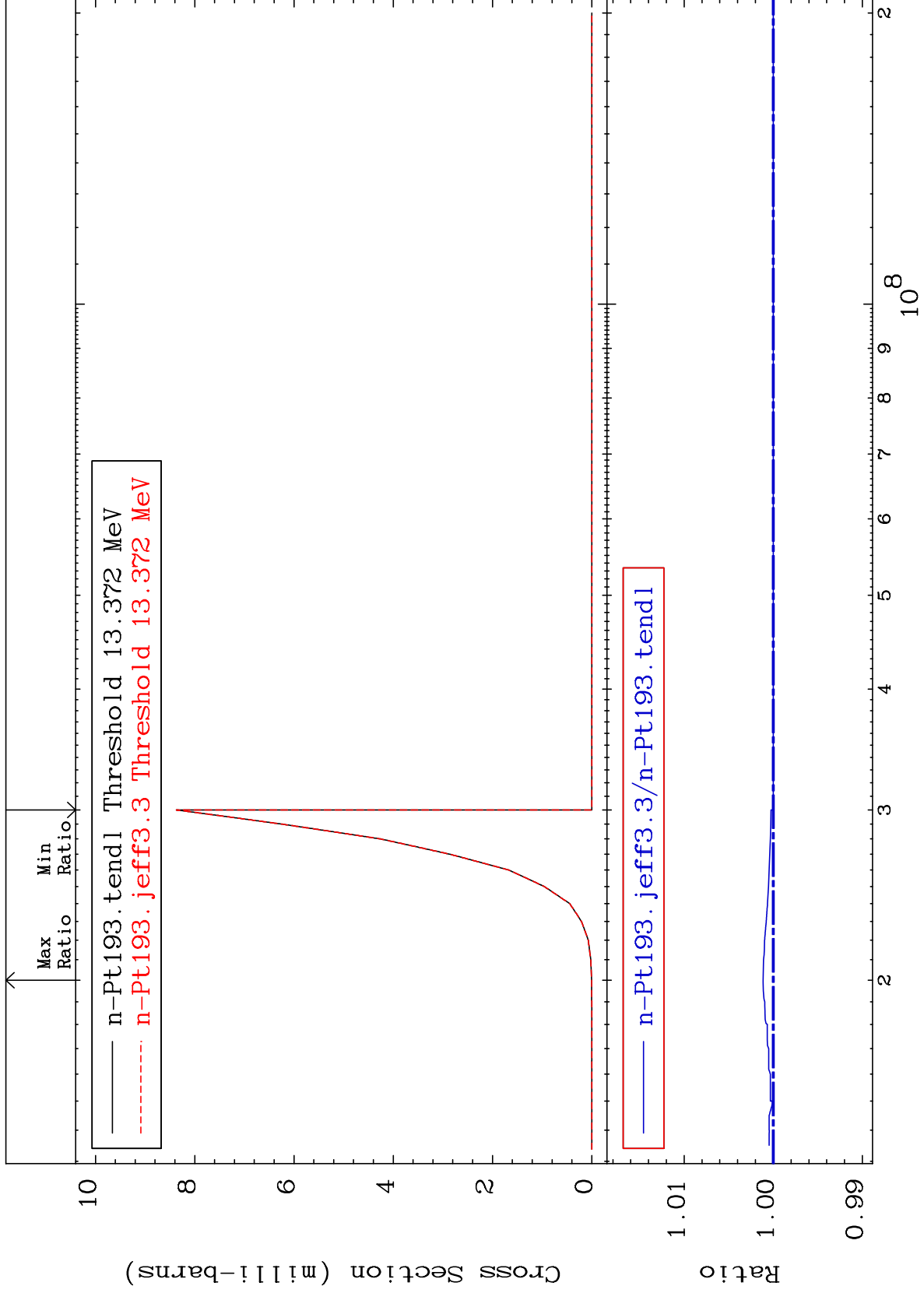
78-Pt-193

MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section 0.000 To 0.114 %

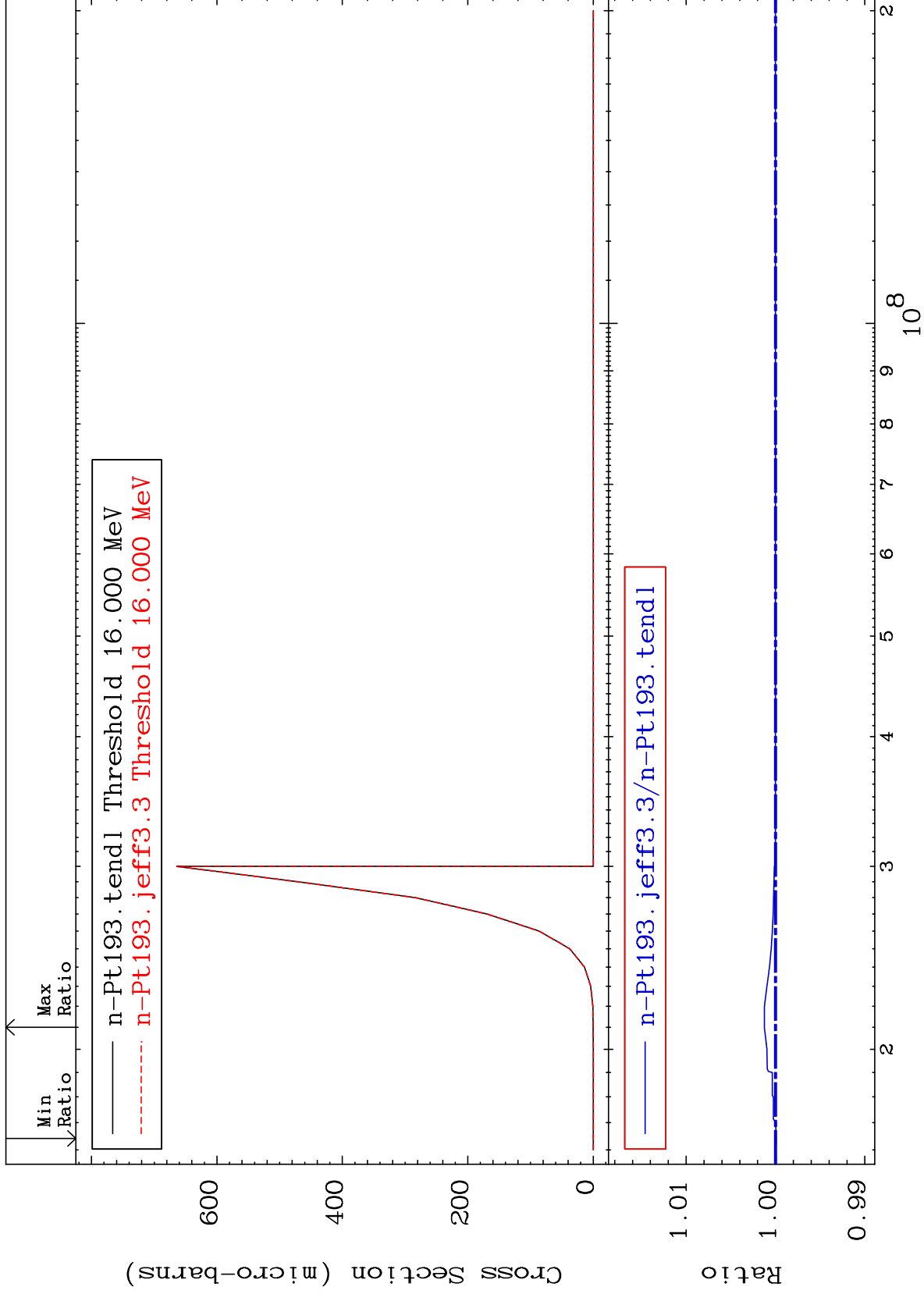


MAT 7834

(n,2n) p:77-Ir-191m5

78-Pt-193

Radionuclide Production Cross Section -0.005 To 0.125 %



92

Incident Energy (eV)

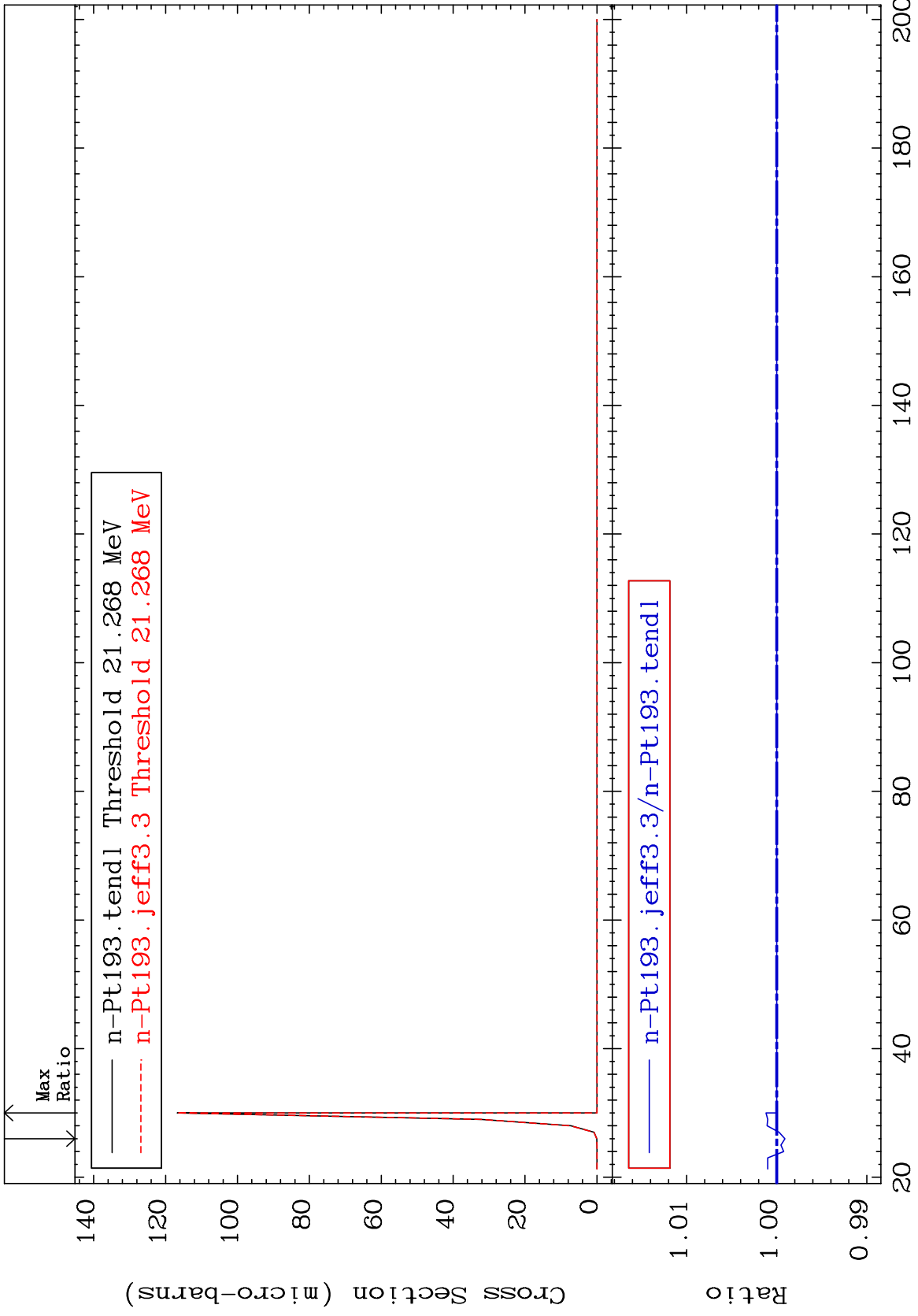
78-Pt-193

MAT 7834

(n,3n) p:77-Ir-190g

78-Pt-193

Radionuclide Production Cross Section -0.090 To 0.120 %



93

Incident Energy (MeV)

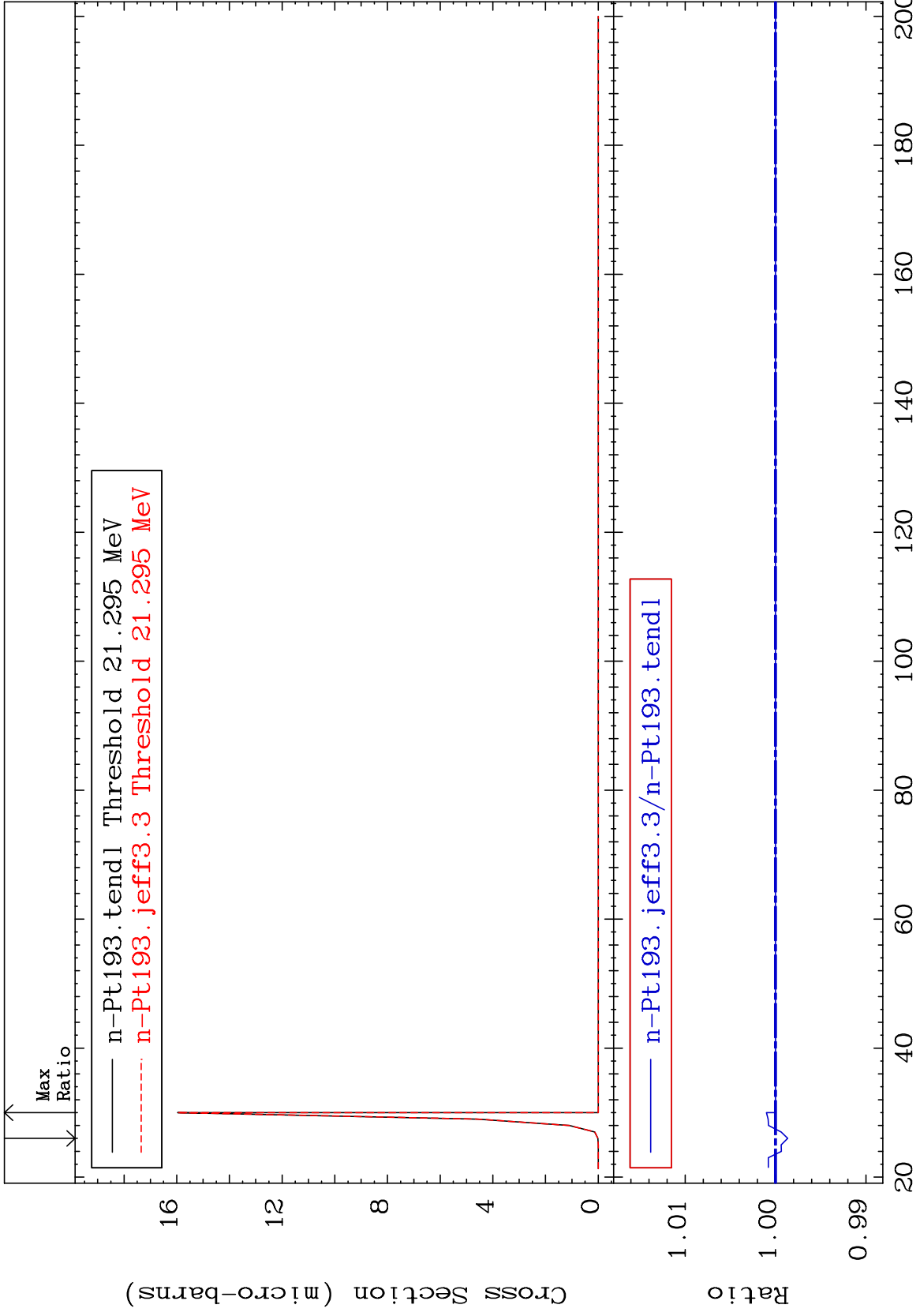
78-Pt-193

MAT 7834

(n,3n) p:77-Ir-190m2

78-Pt-193

Radionuclide Production Cross Section -0.136 To 0.101 %

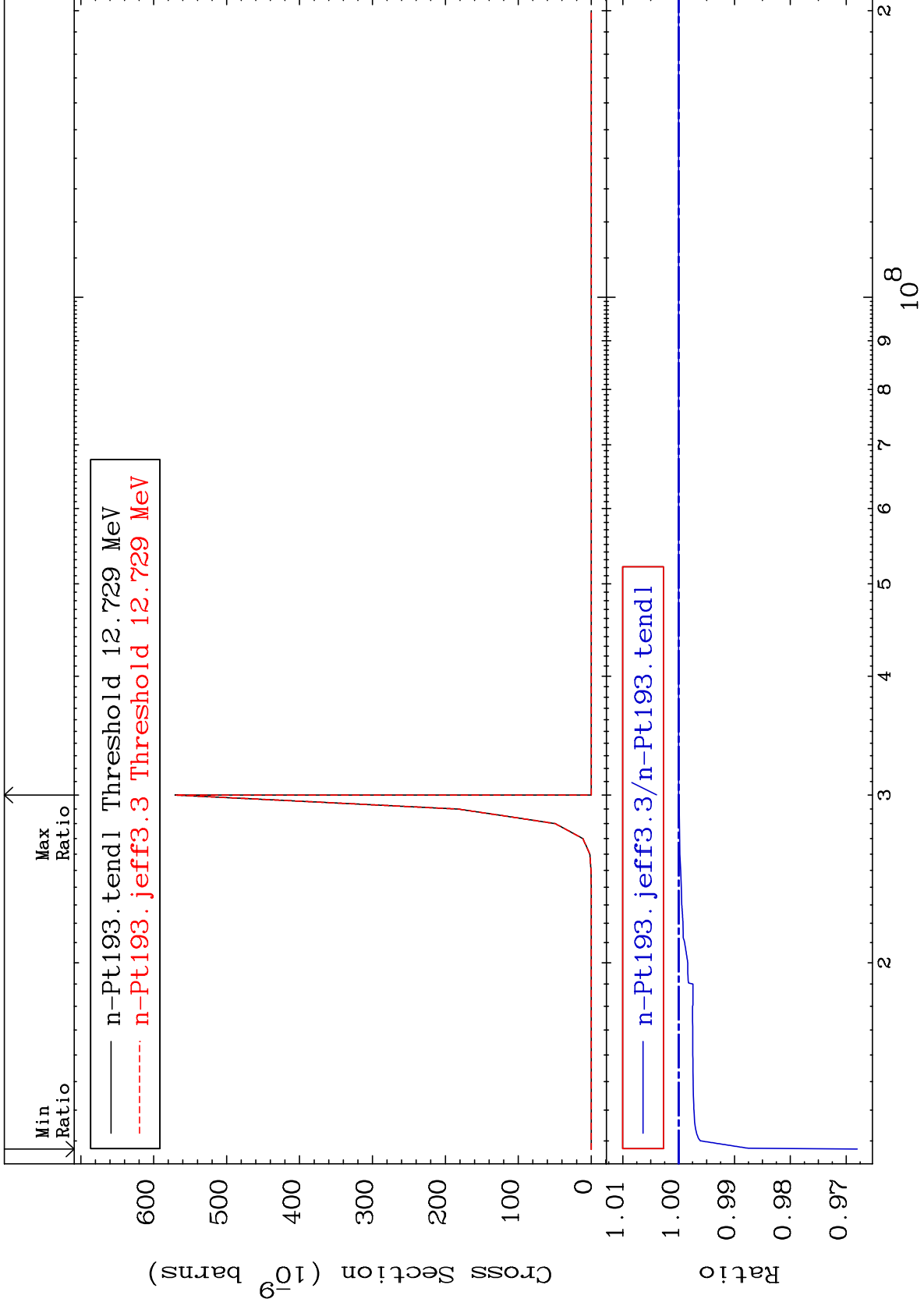


94

Incident Energy (MeV)

78-Pt-193

Radionuclide Production Cross Section -3.198 To 0.000 %

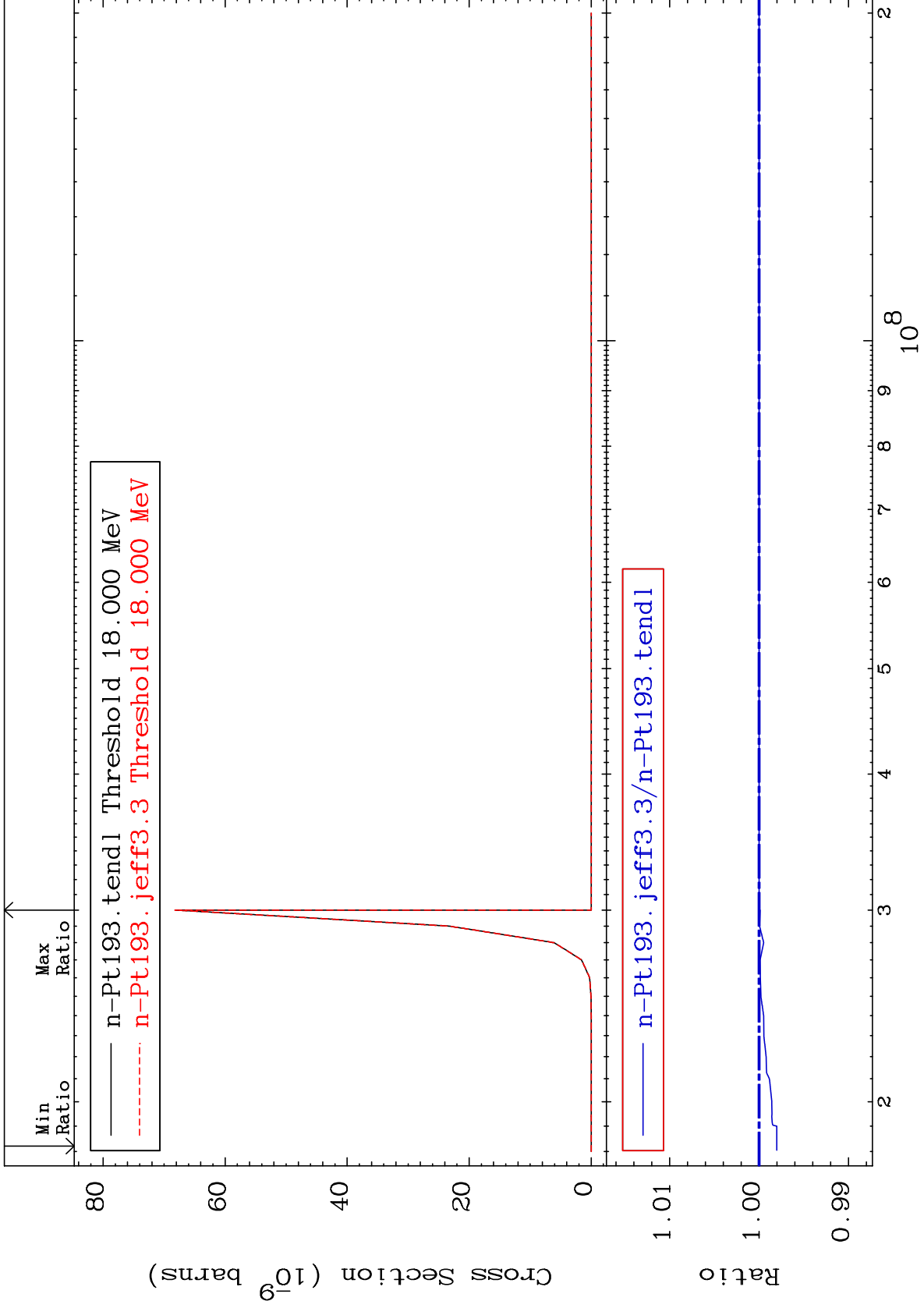


MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section -0.197 To 0.000 %



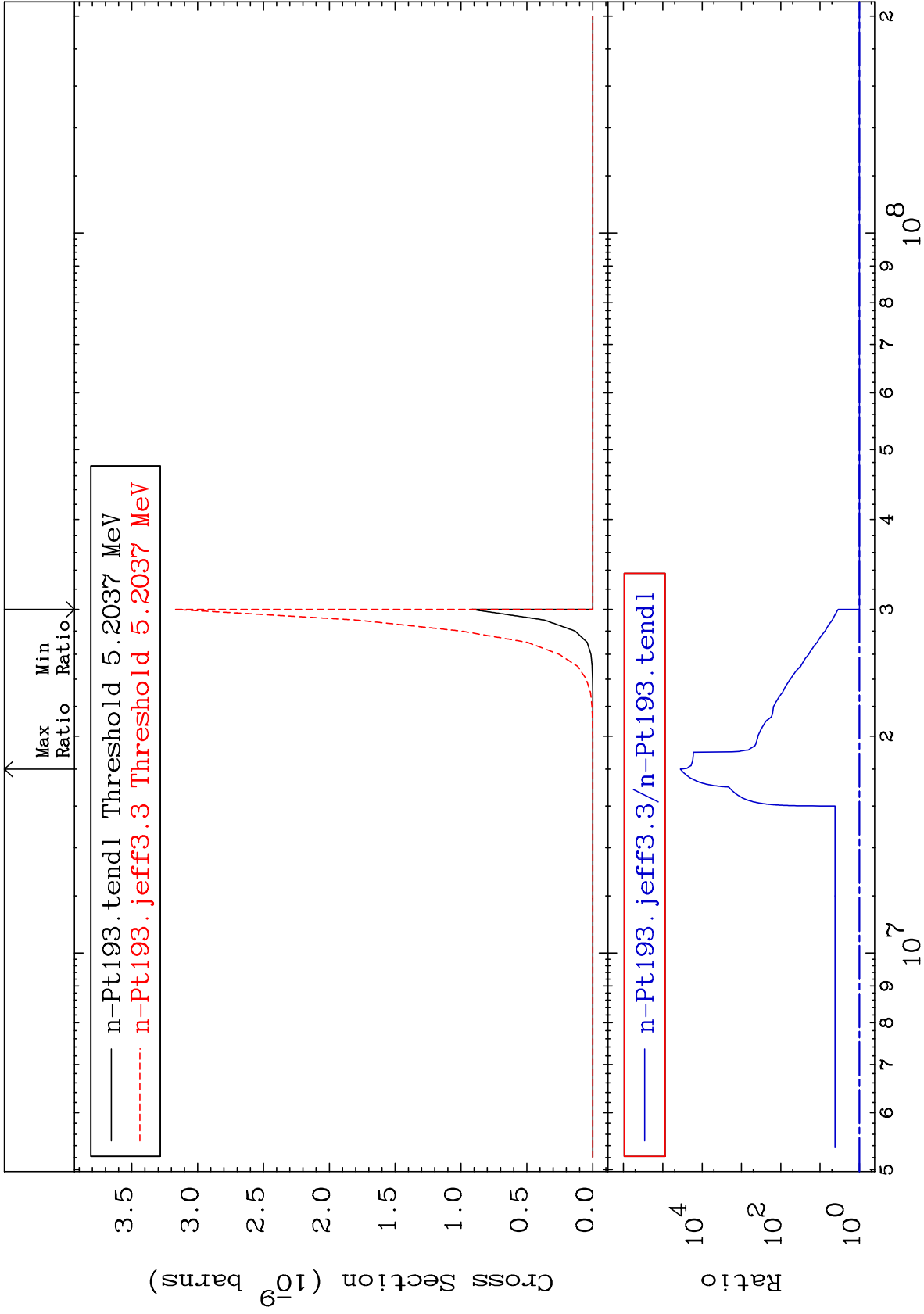
96

Incident Energy (eV)

78-Pt-193

MAT 7834

(n, n') p α : 75-Re-188g 78-Pt-193
Radionuclide Production Cross Section 0.000 To 9999. %

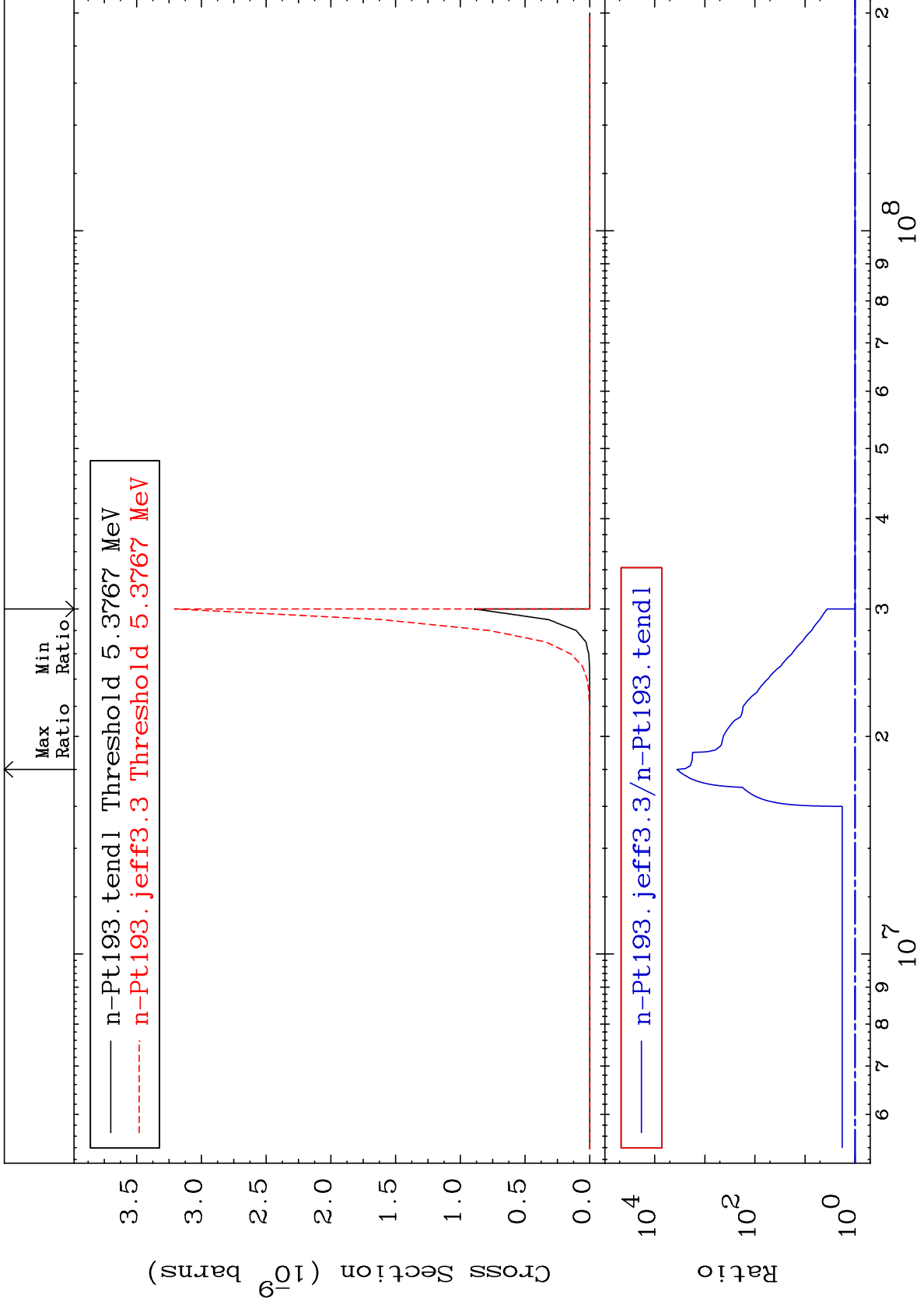


MAT 7834

(n, n') p α : 75-Re-188m7

78-Pt-193

Radionuclide Production Cross Section 0.000 To 9999. %

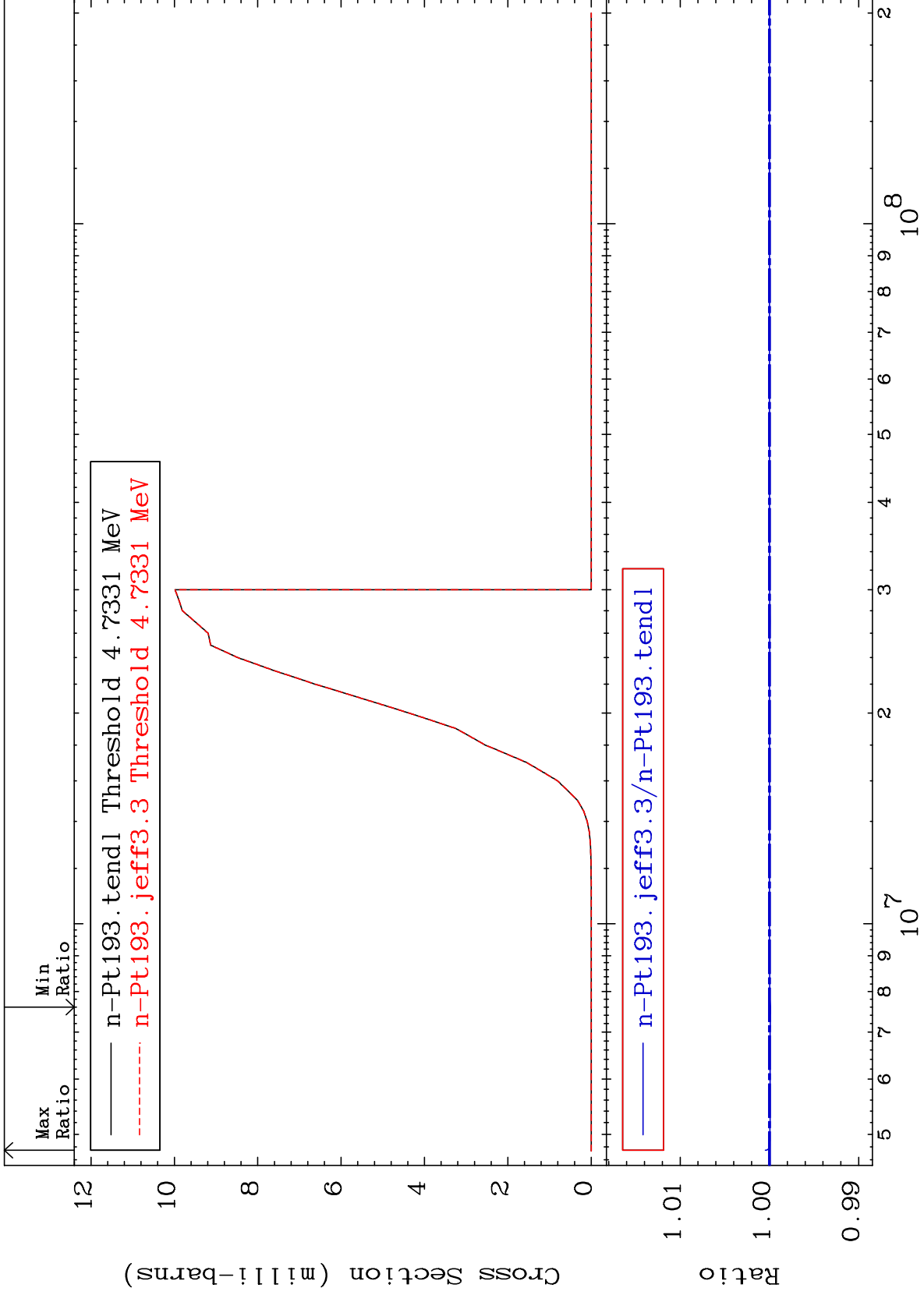


MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section -0.012 To 0.045 %



99

Incident Energy (eV)

78-Pt-193

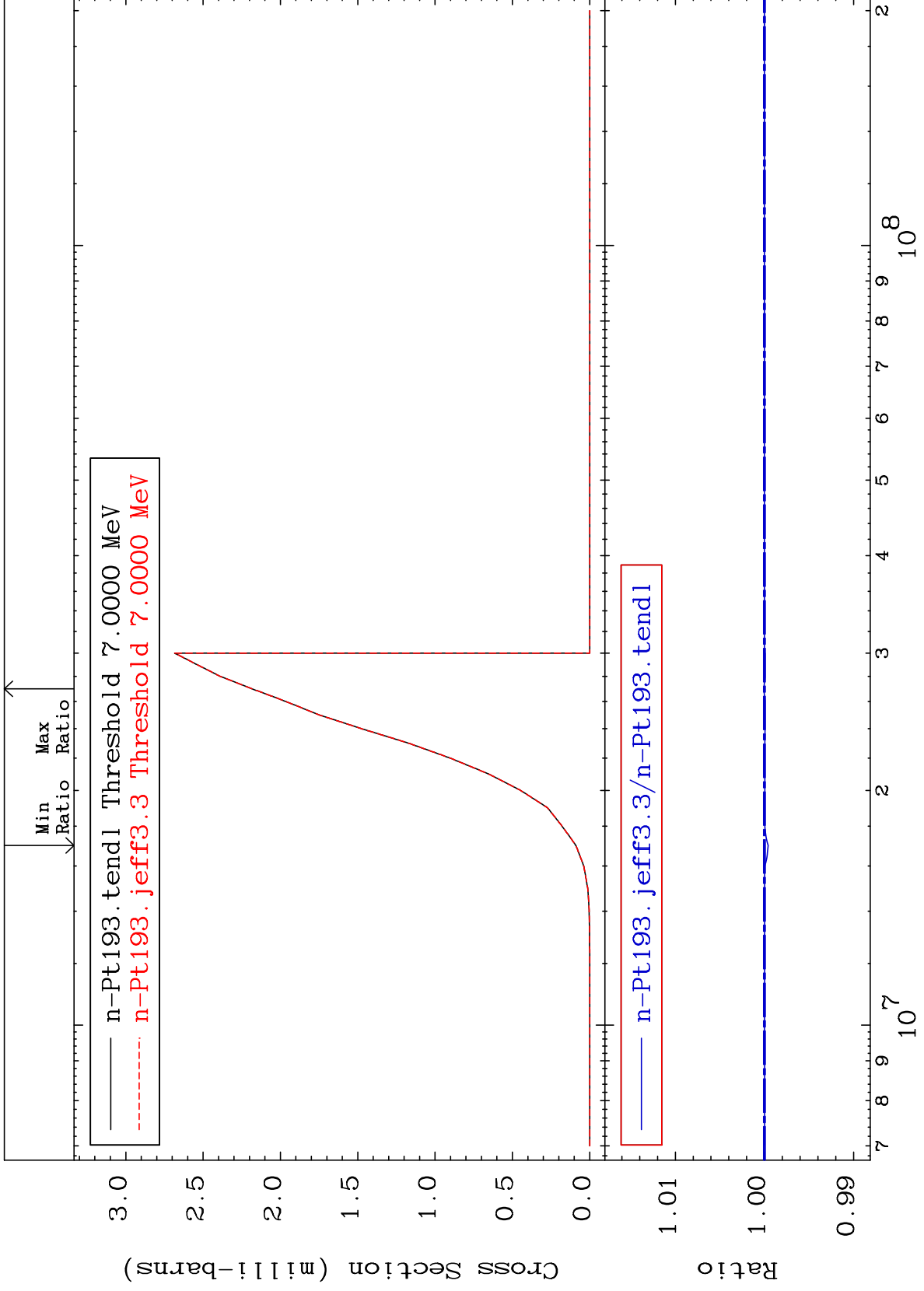
MAT 7834

(n, d) : 77-Ir-192m15

78-Pt-193

Radionuclide Production Cross Section

-0.042 To 0.007 %



100

Incident Energy (eV)

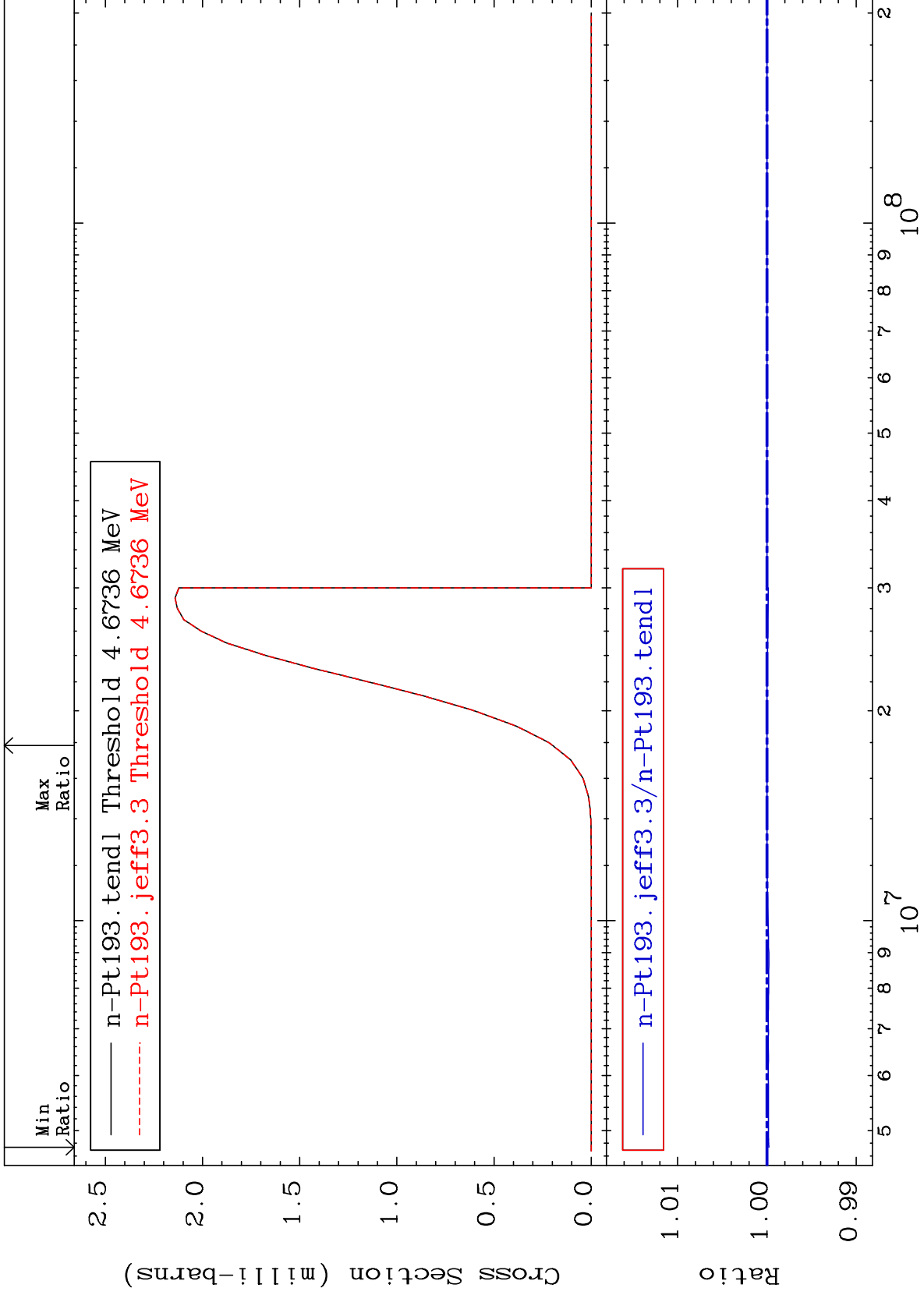
78-Pt-193

MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section -0.022 To 0.000 %



101

Incident Energy (eV)

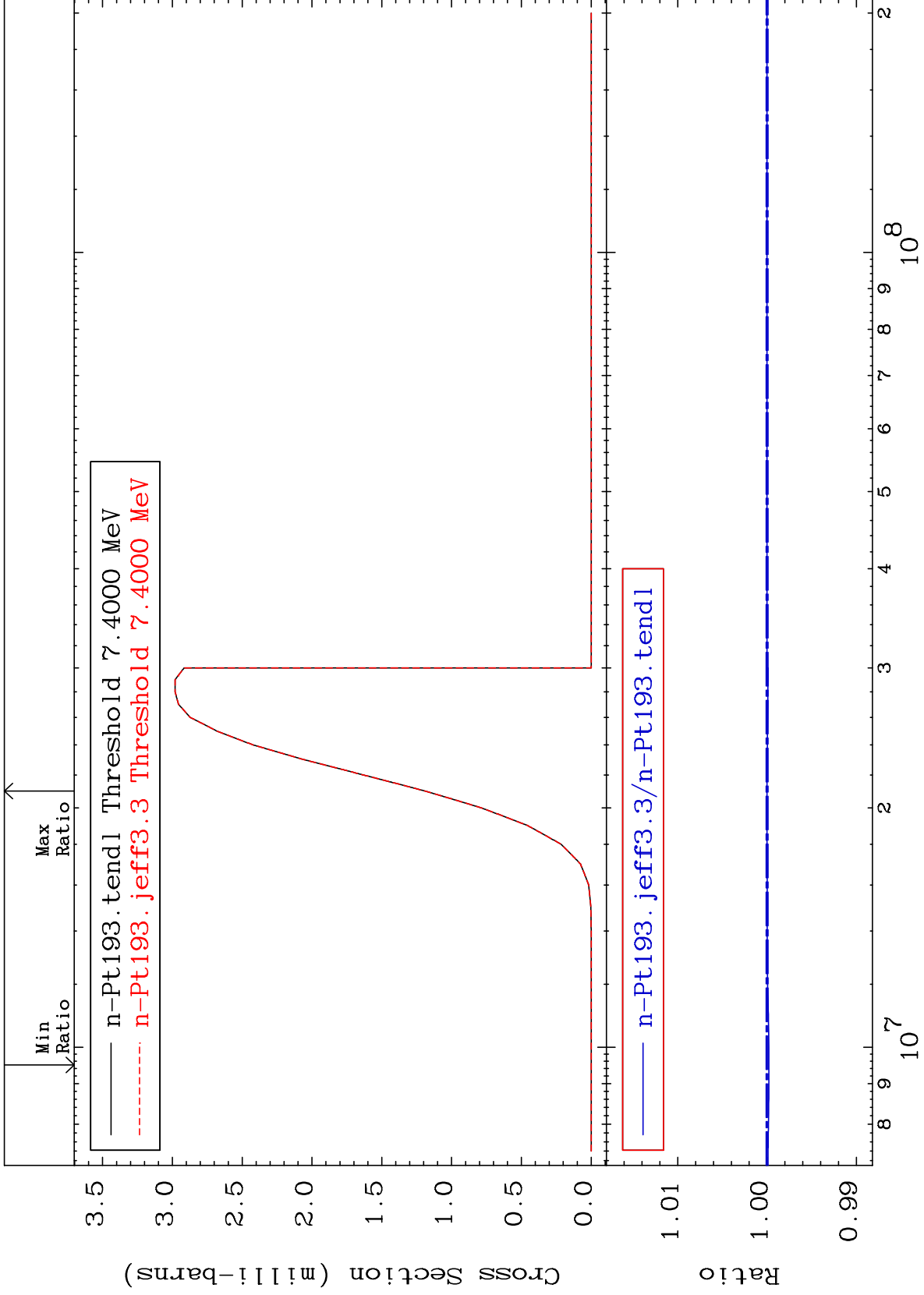
78-Pt-193

MAT 7834

(n, t):77-Ir-191m3

78-Pt-193

Radionuclide Production Cross Section -0.021 To 0.000 %



102

Incident Energy (eV)

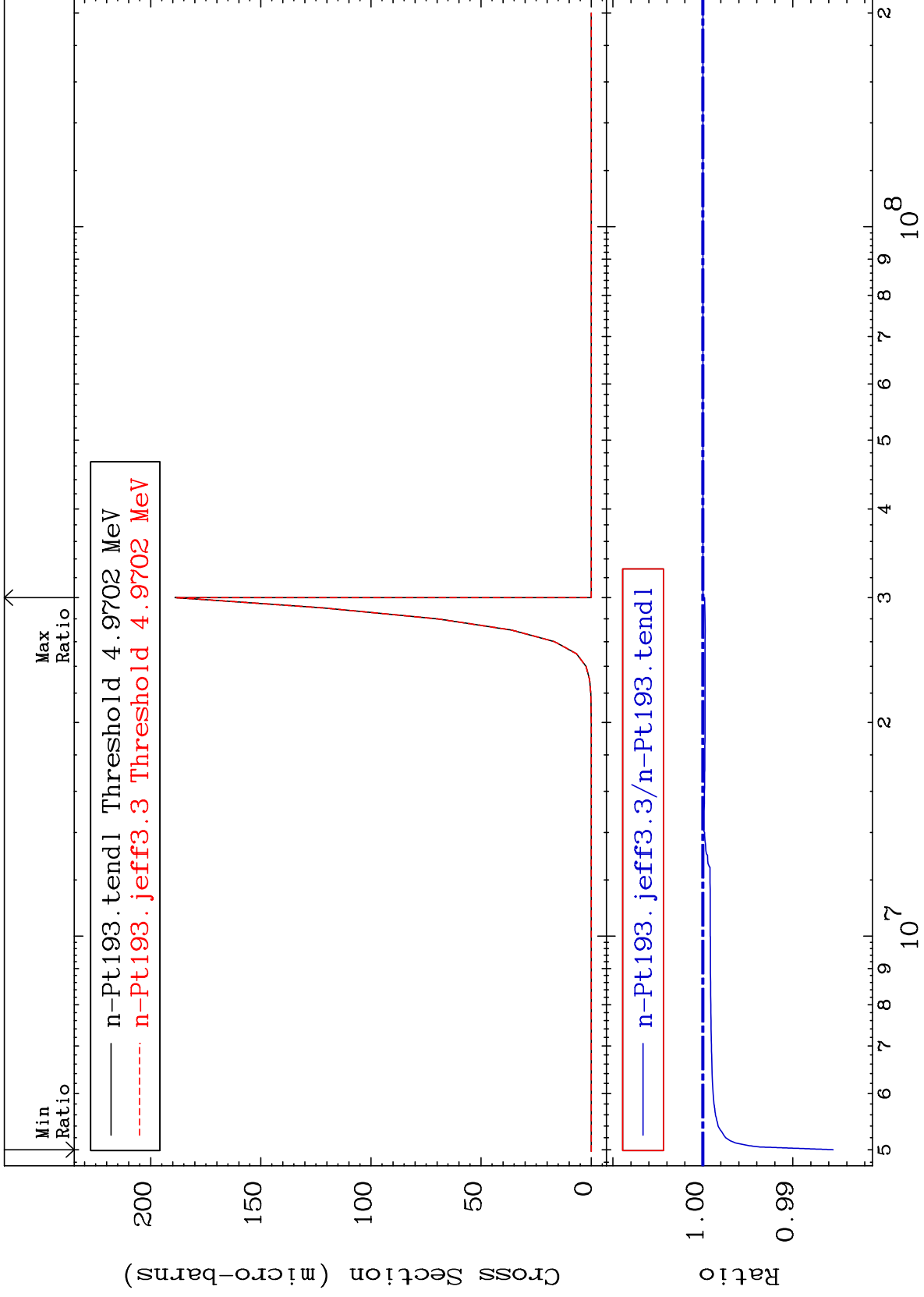
78-Pt-193

MAT 7834

(n,He-3): 76-Os-191g

78-Pt-193

Radionuclide Production Cross Section -1.447 To 0.000 %



103

Incident Energy (eV)

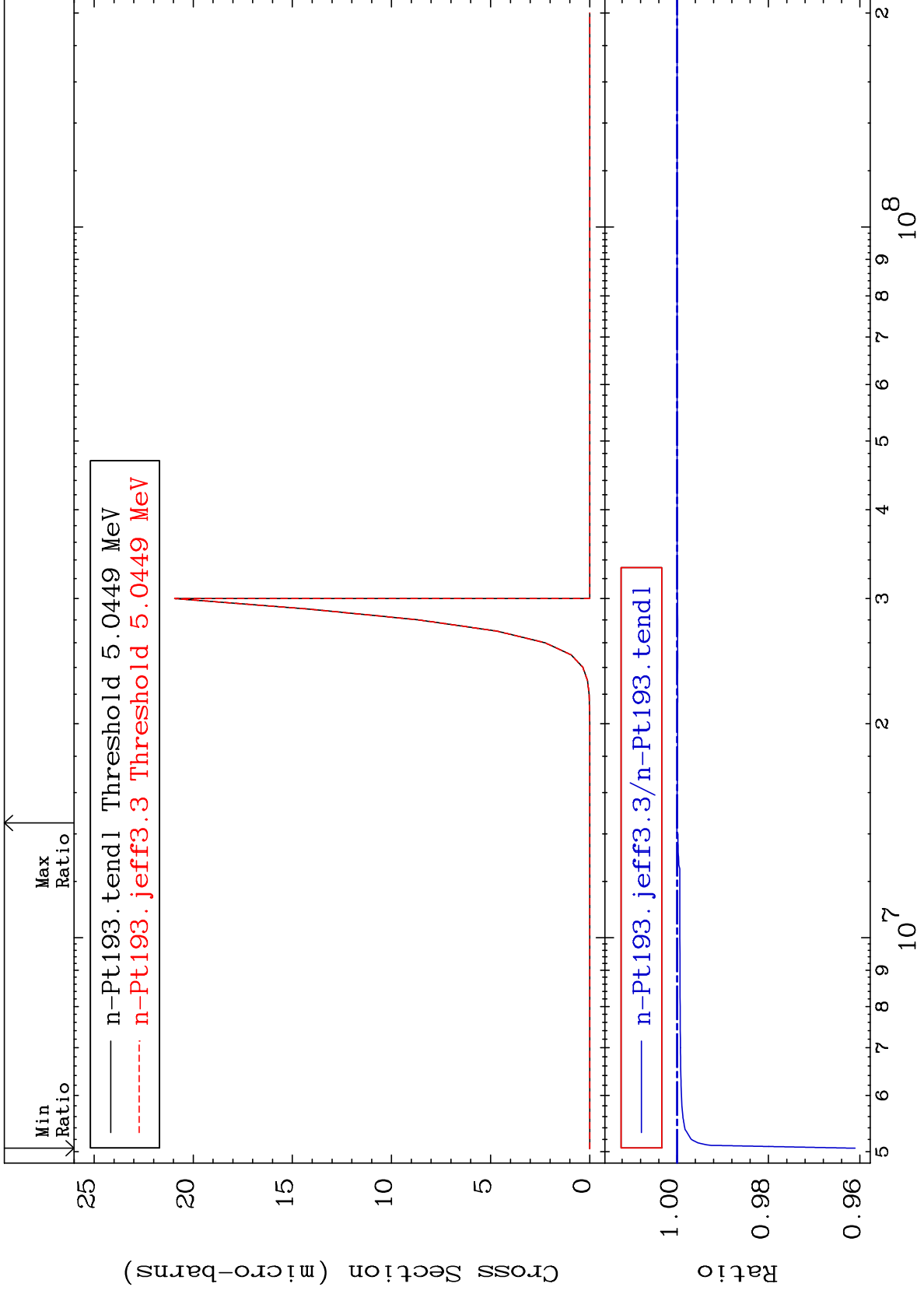
78-Pt-193

MAT 7834

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

78-Pt-193

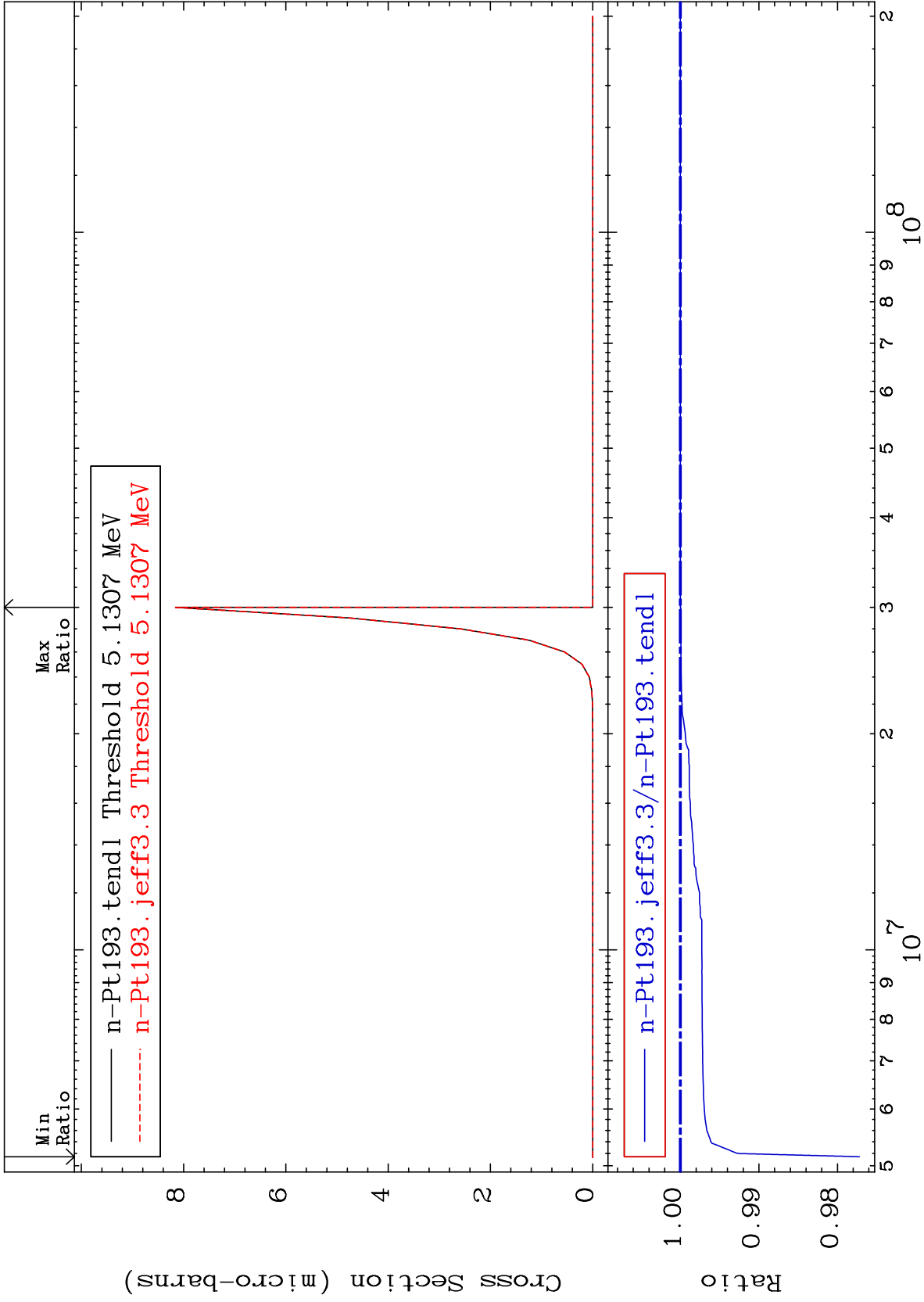
Radionuclide Production Cross Section -3.896 To 0.003 %



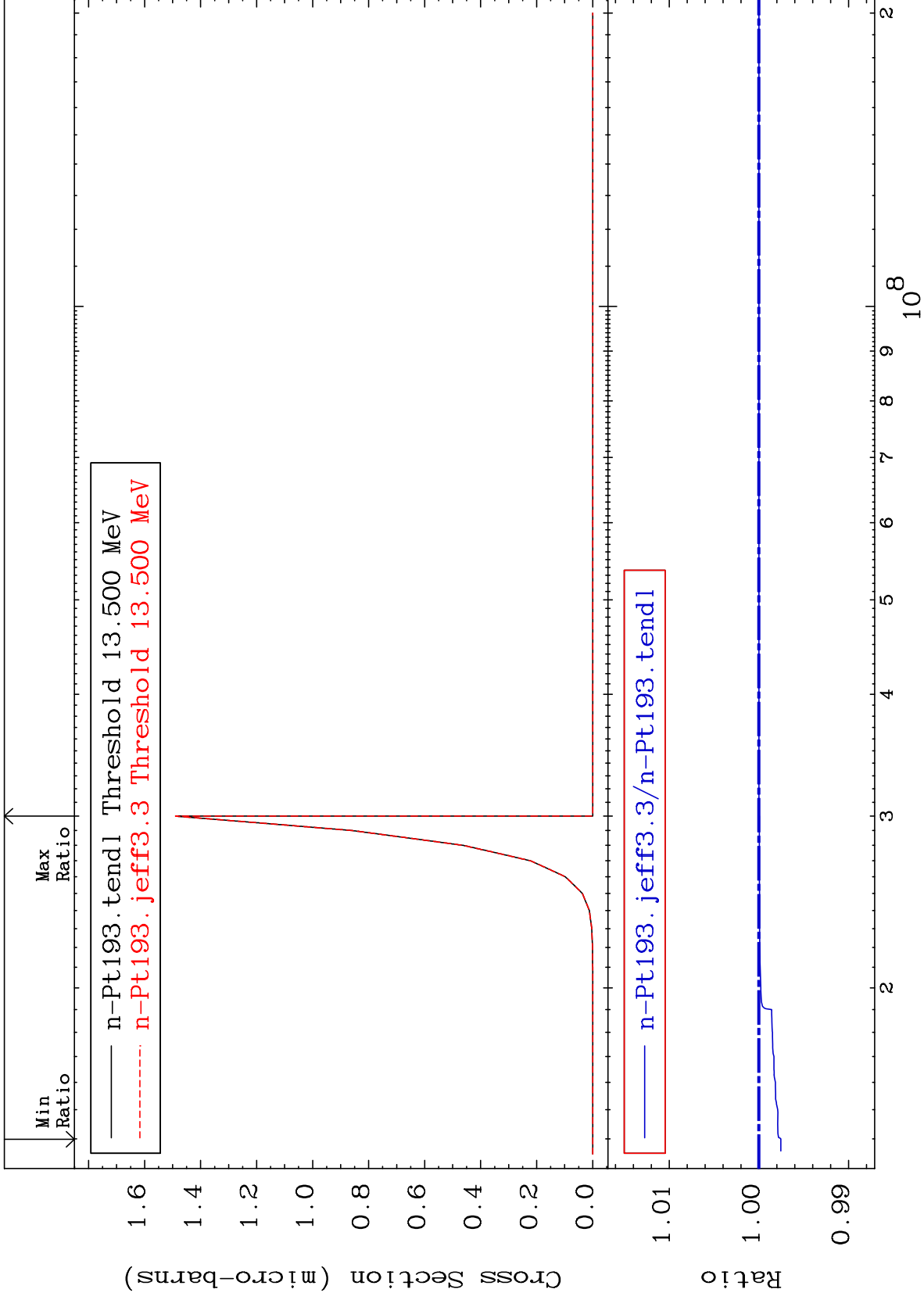
104

Incident Energy (eV)

78-Pt-193



Radionuclide Production Cross Section -0.246 To 0.000 %

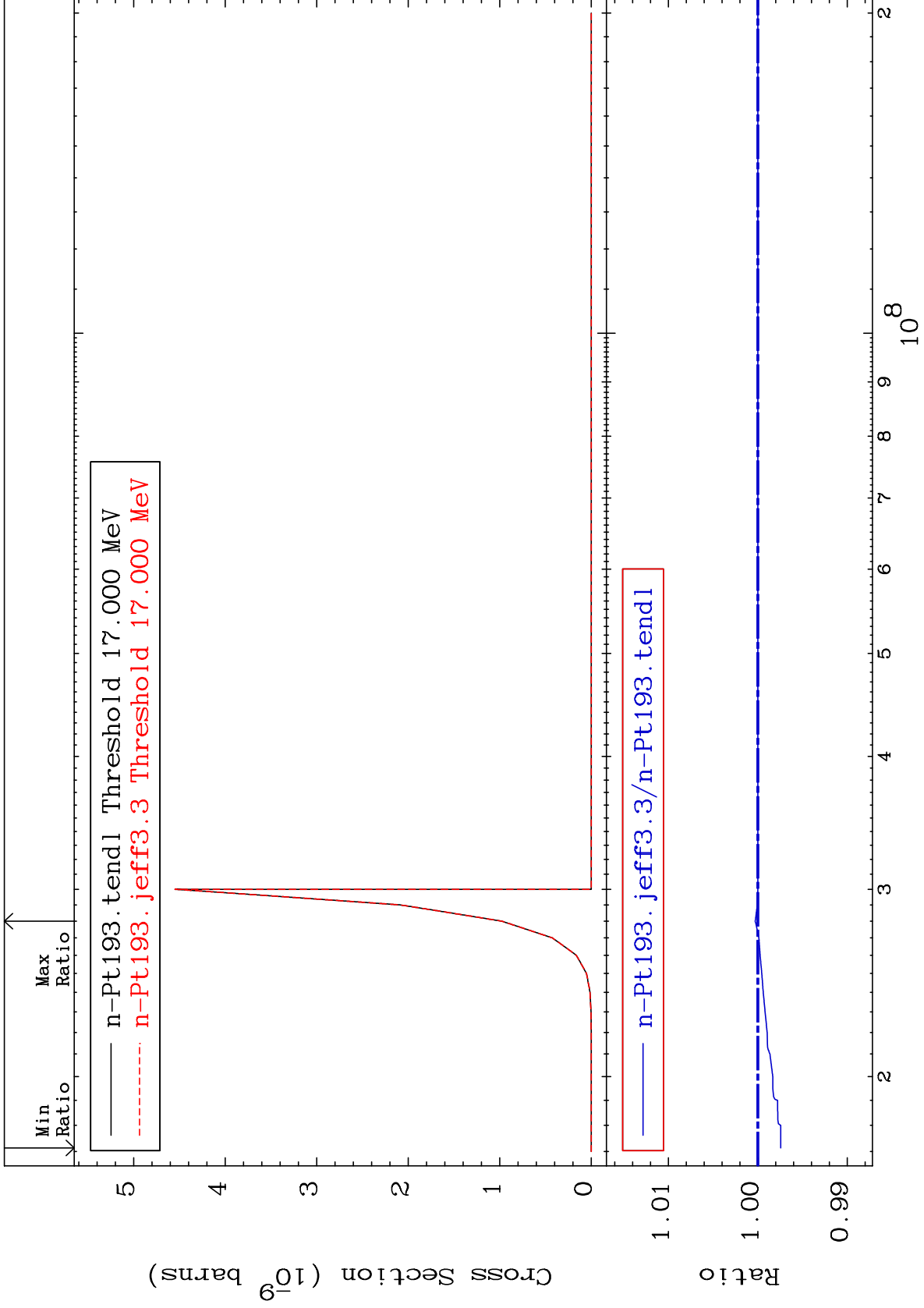


MAT 7834

(n, p) d:76-0s-191g

78-Pt-193

Radionuclide Production Cross Section -0.255 To 0.029 %



107

Incident Energy (eV)

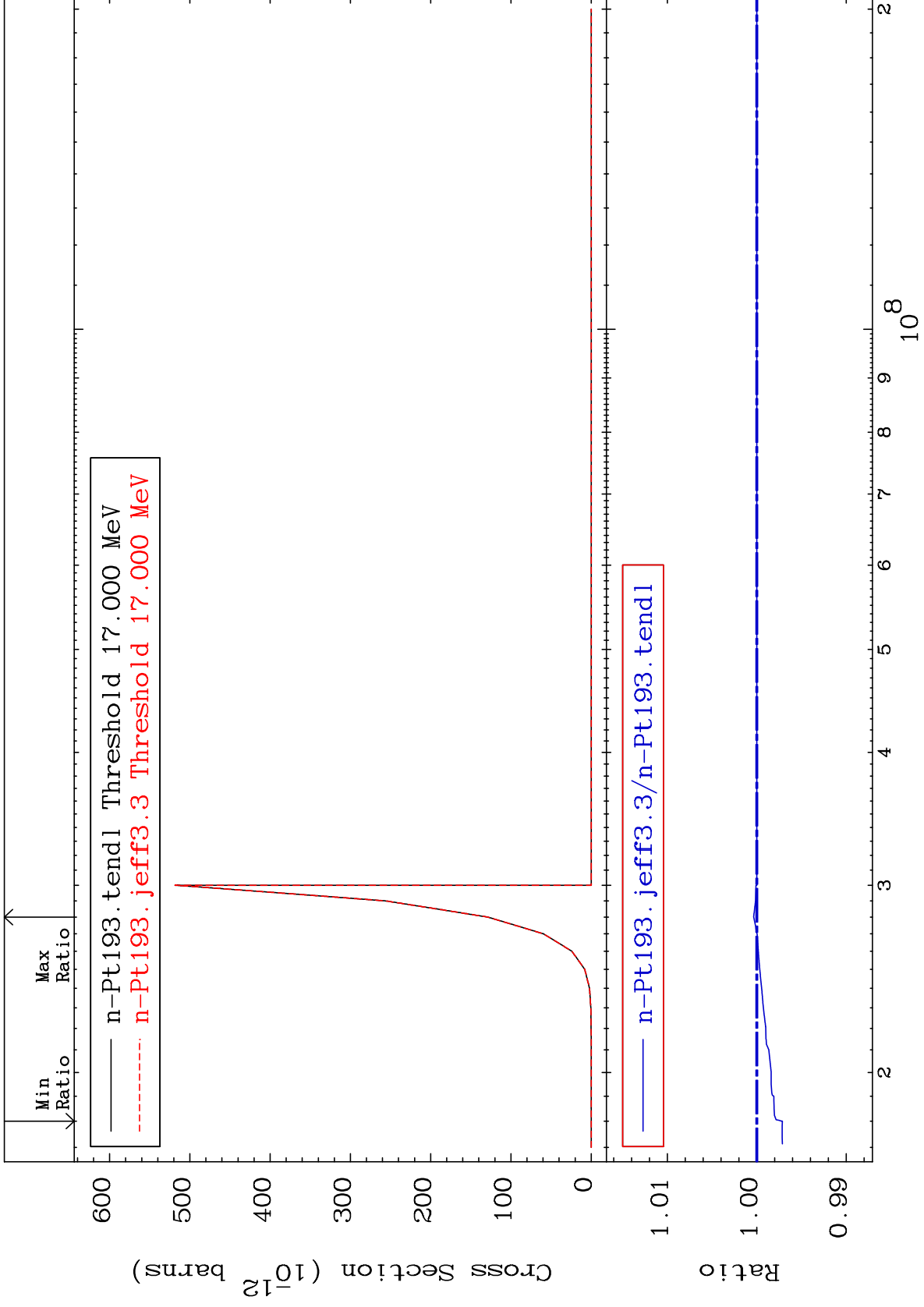
78-Pt-193

MAT 7834

(n,p) d:76-Os-191m1

78-Pt-193

Radionuclide Production Cross Section -0.285 To 0.036 %



108

Incident Energy (eV)

78-Pt-193

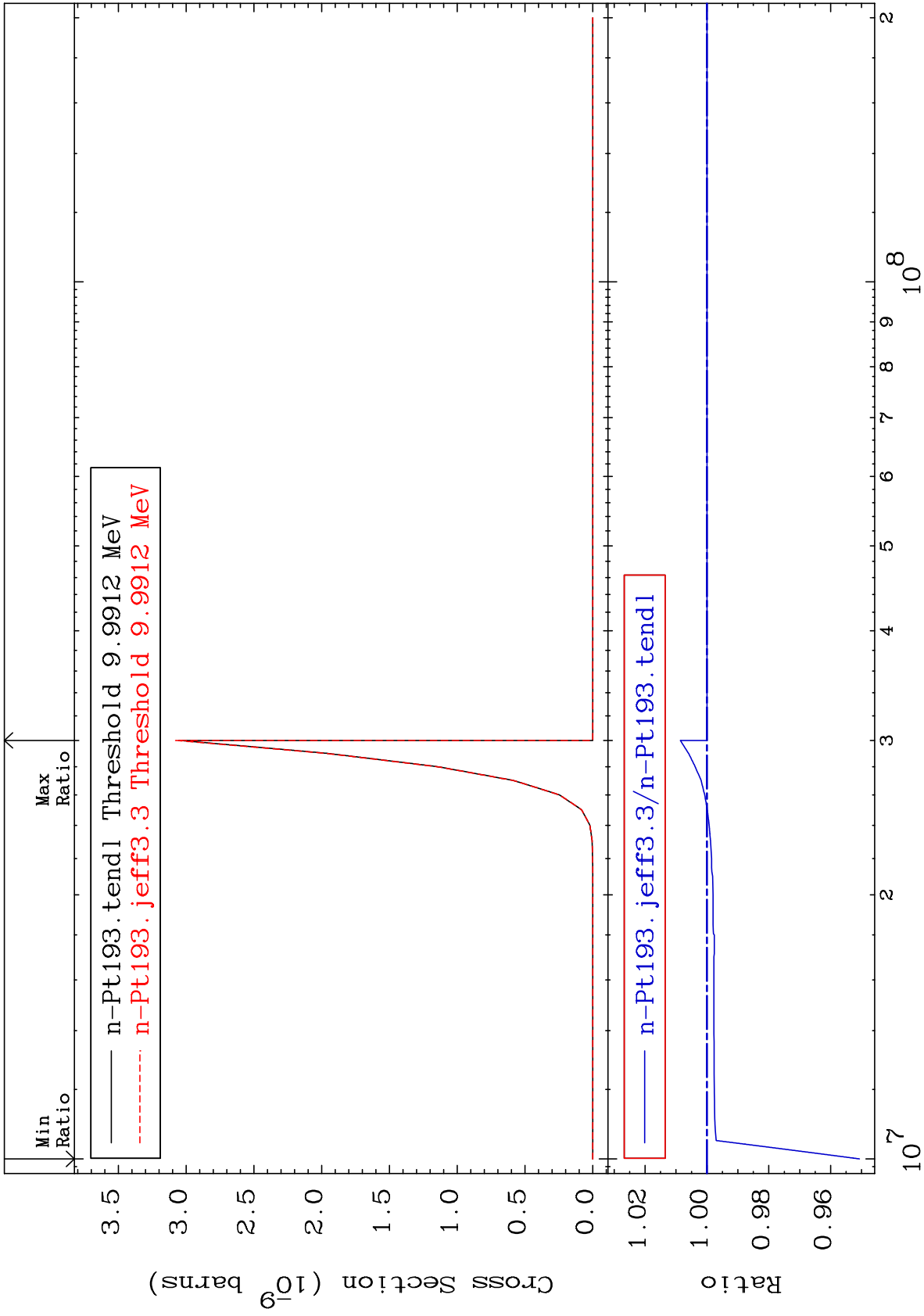
MAT 7834

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

78-Pt-193

Radionuclide Production Cross Section

-4.930 To 0.860 %



Incident Energy (eV)

78-Pt-193

109