

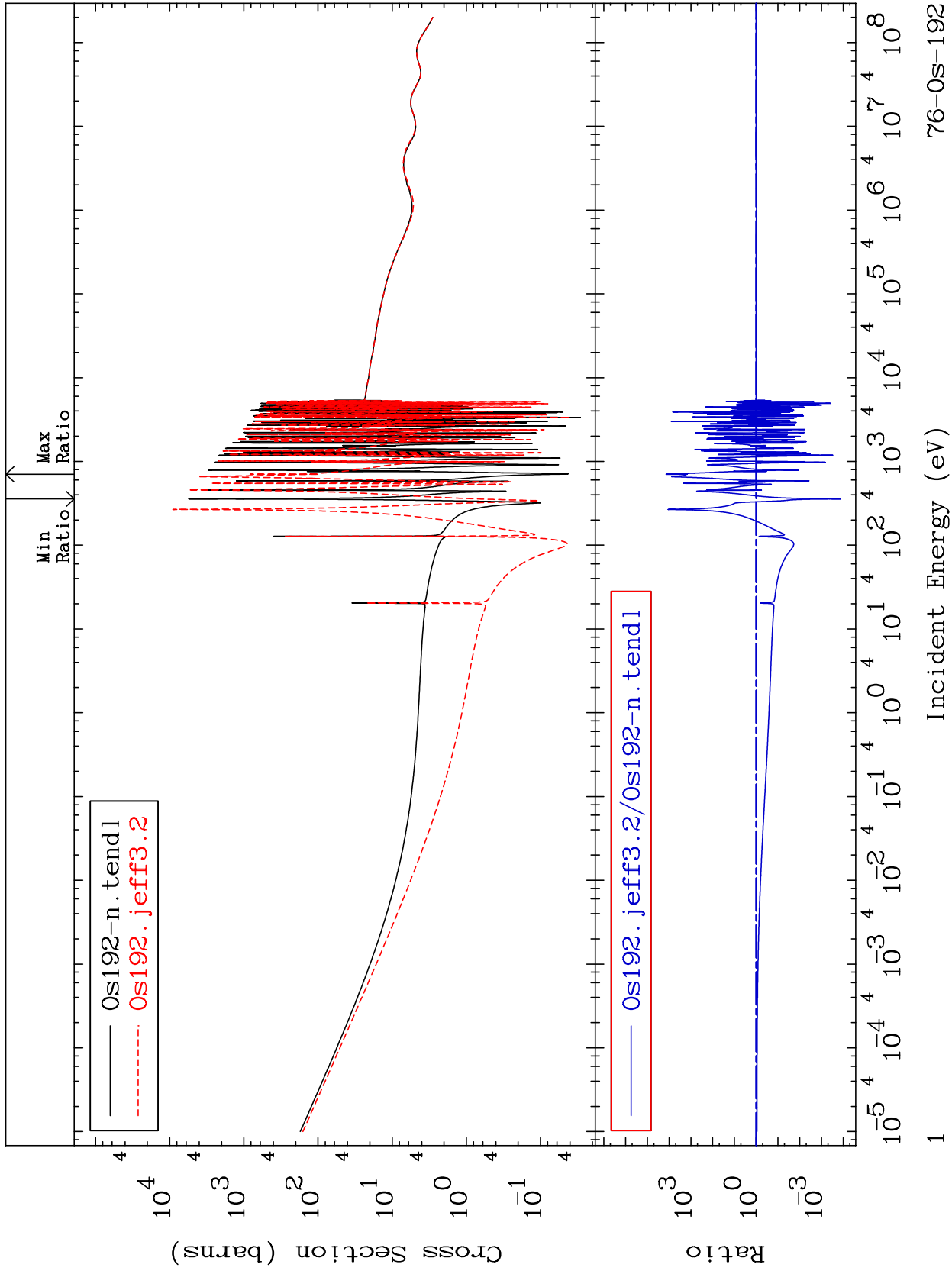
MAT 7649

Total

76-0s-192

Cross Section

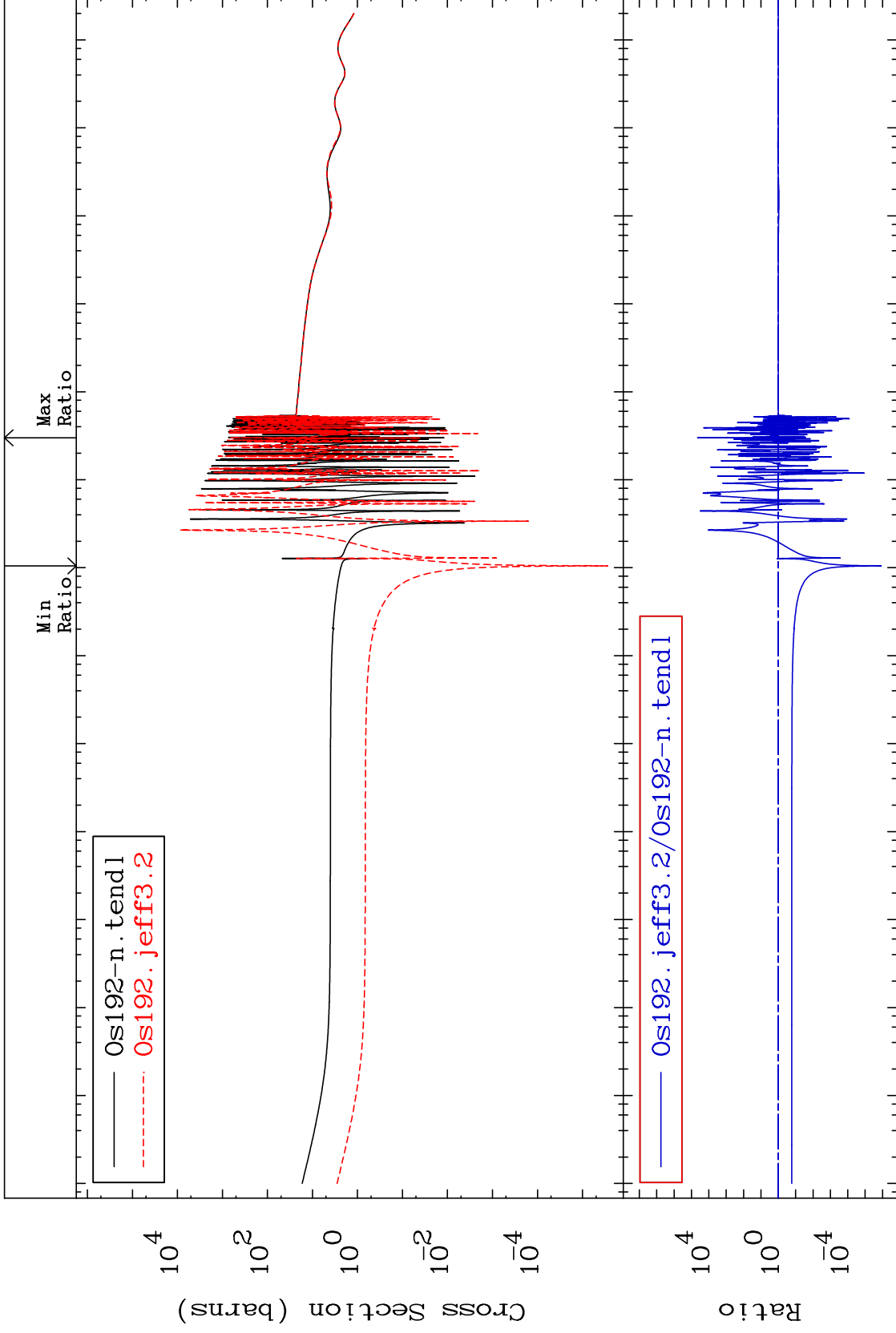
-99.99 To 9999. %



MAT 7649

Elastic  
Cross Section

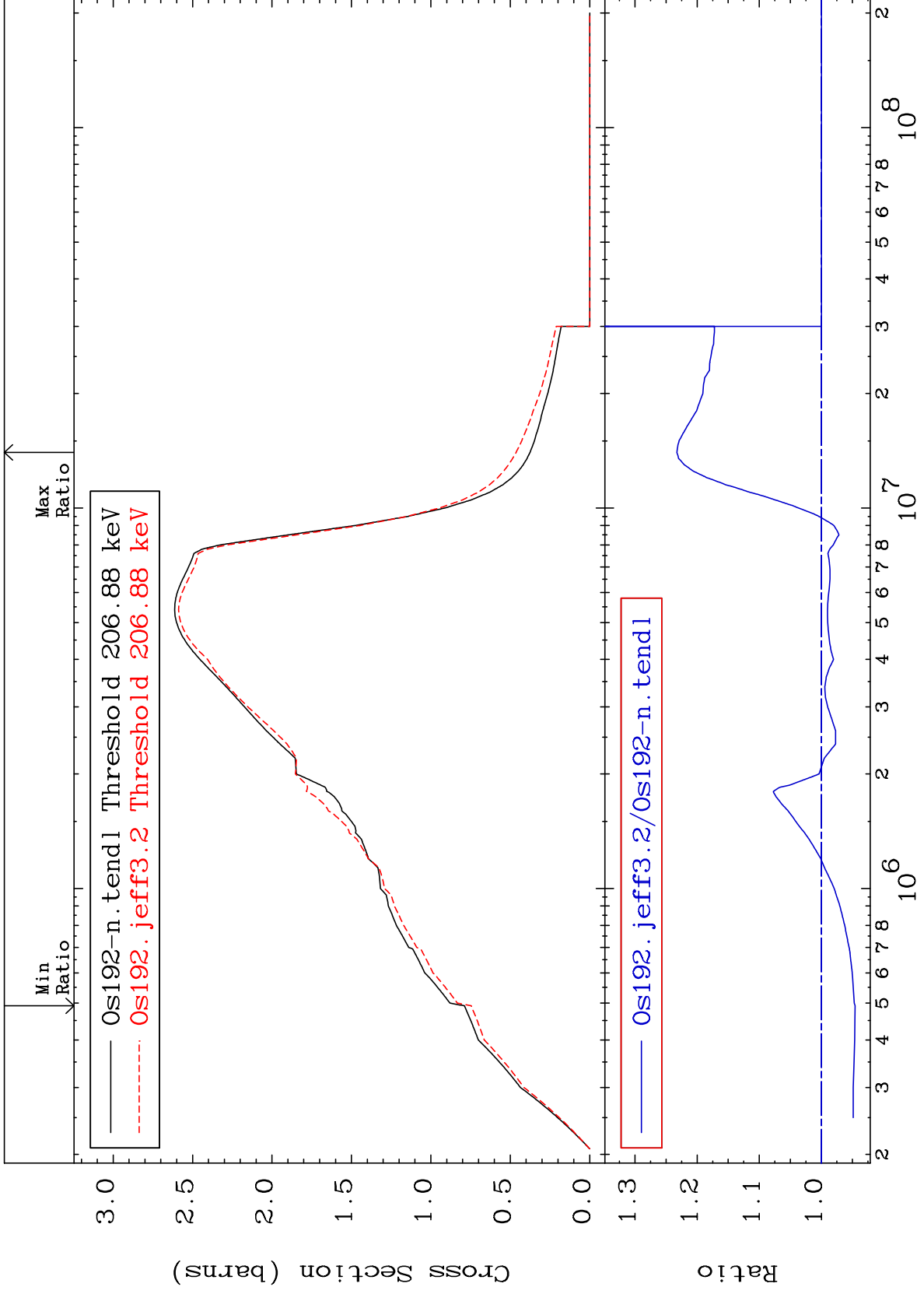
76-0s-192  
-100.0 To 9999. %



MAT 7649

Inelastic  
Cross Section

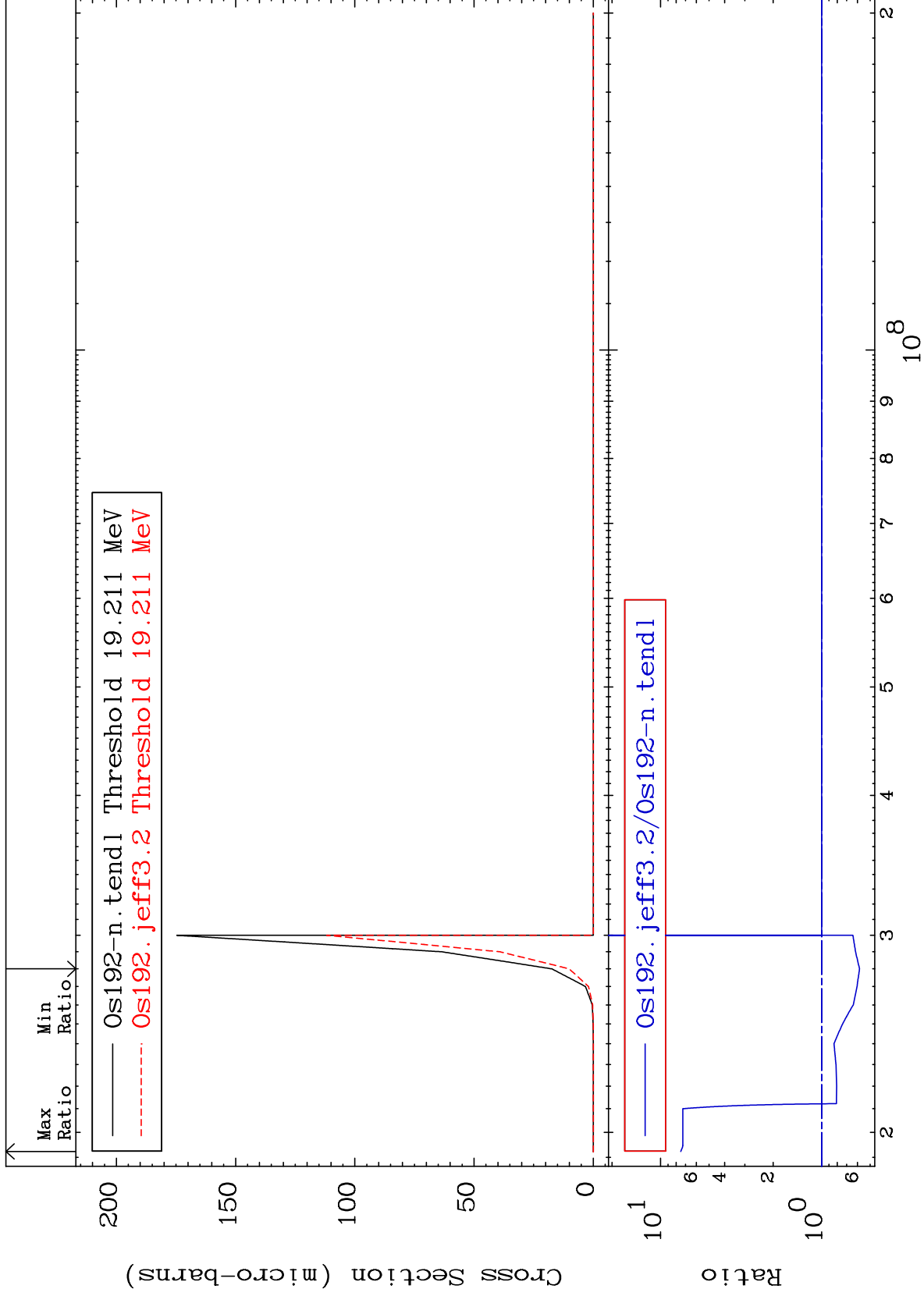
76-0s-192  
-5.425 To 23.25 %



MAT 7649

(n,2n) d  
Cross Section

76-0s-192  
-41.83 To 649.0 %



4

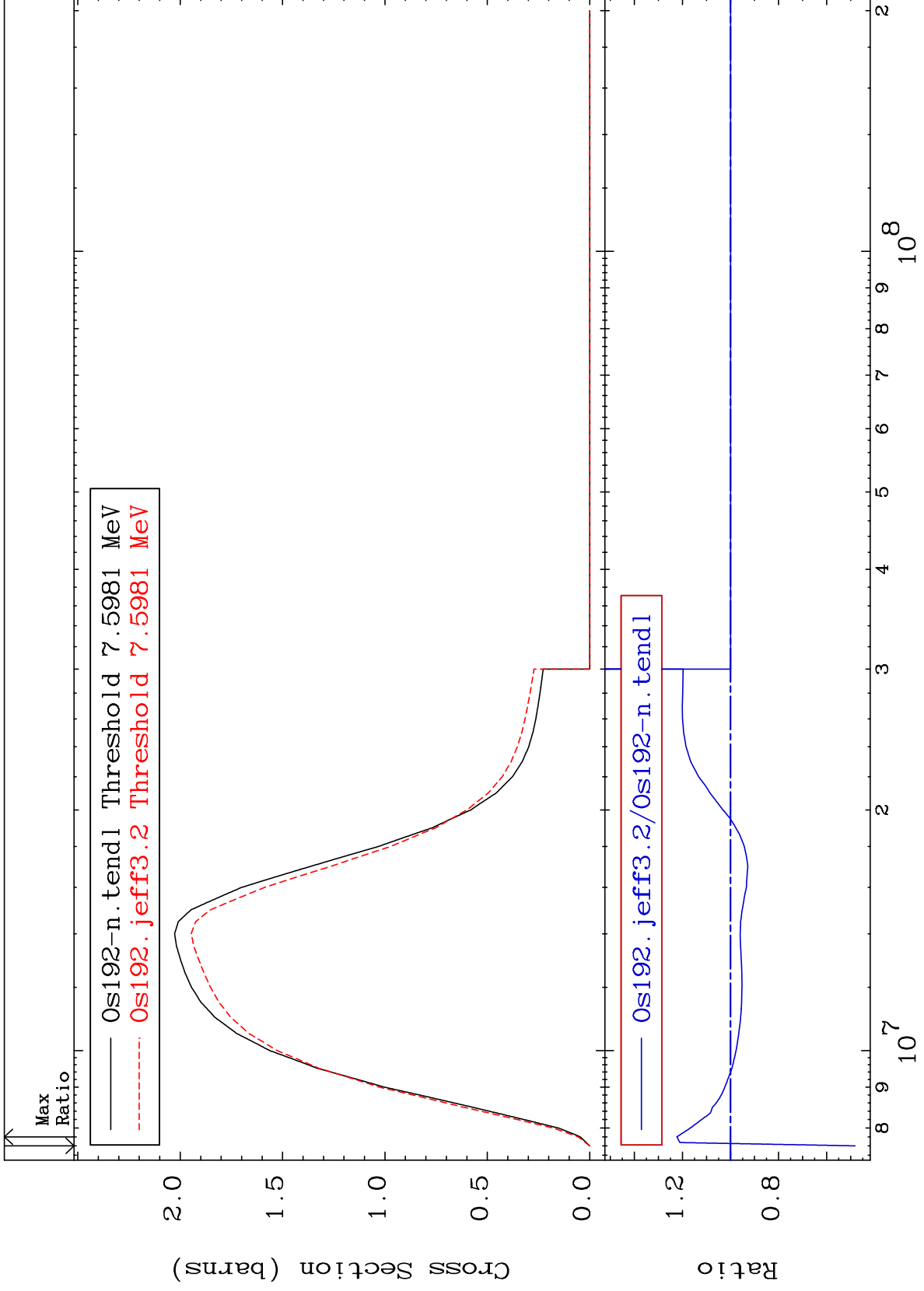
Incident Energy (eV)

76-0s-192

MAT 7649

(n,2n)  
Cross Section

76-0s-192  
-51.82 To 22.30 %



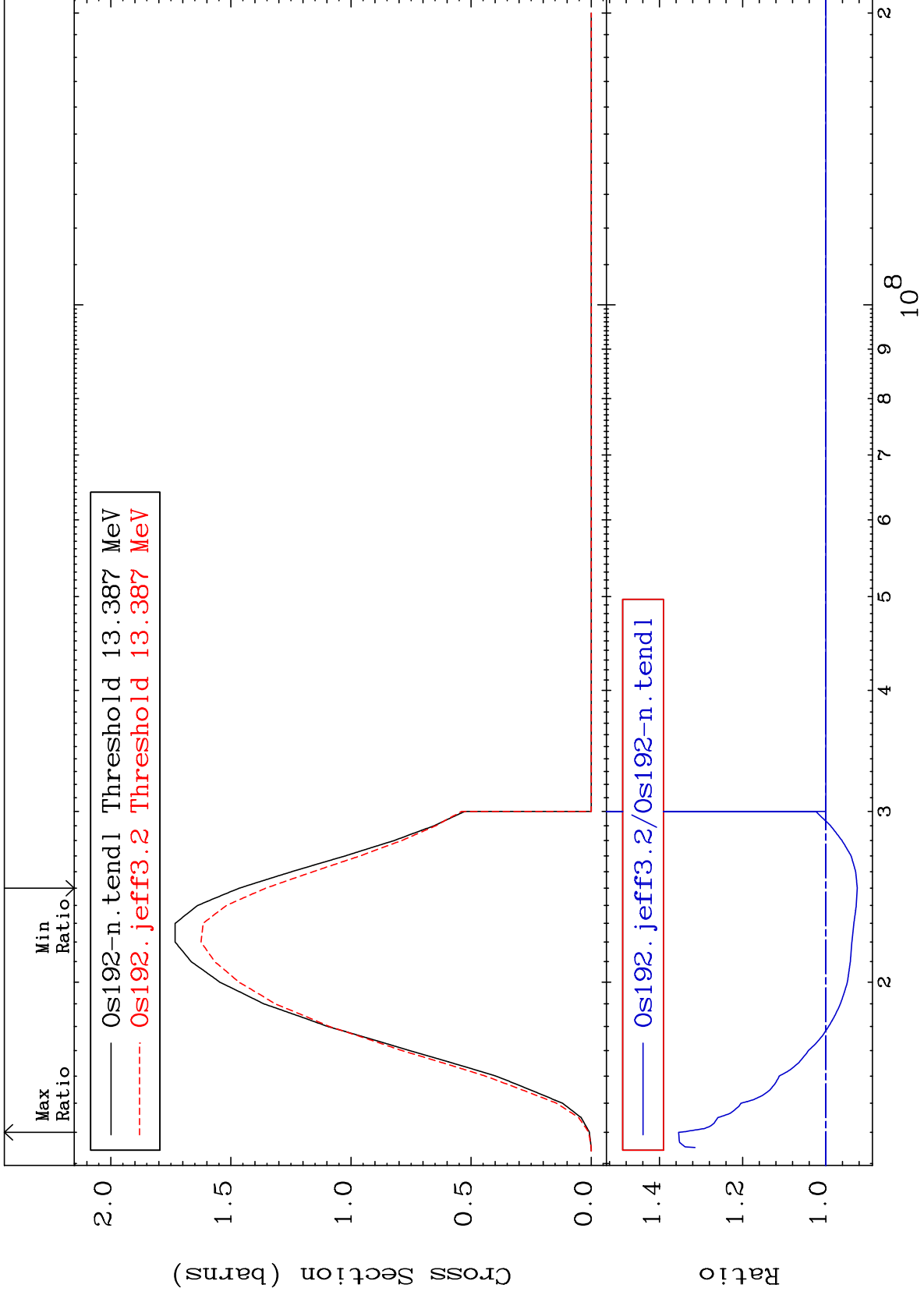
5

76-0s-192

MAT 7649

(n,3n)  
Cross Section

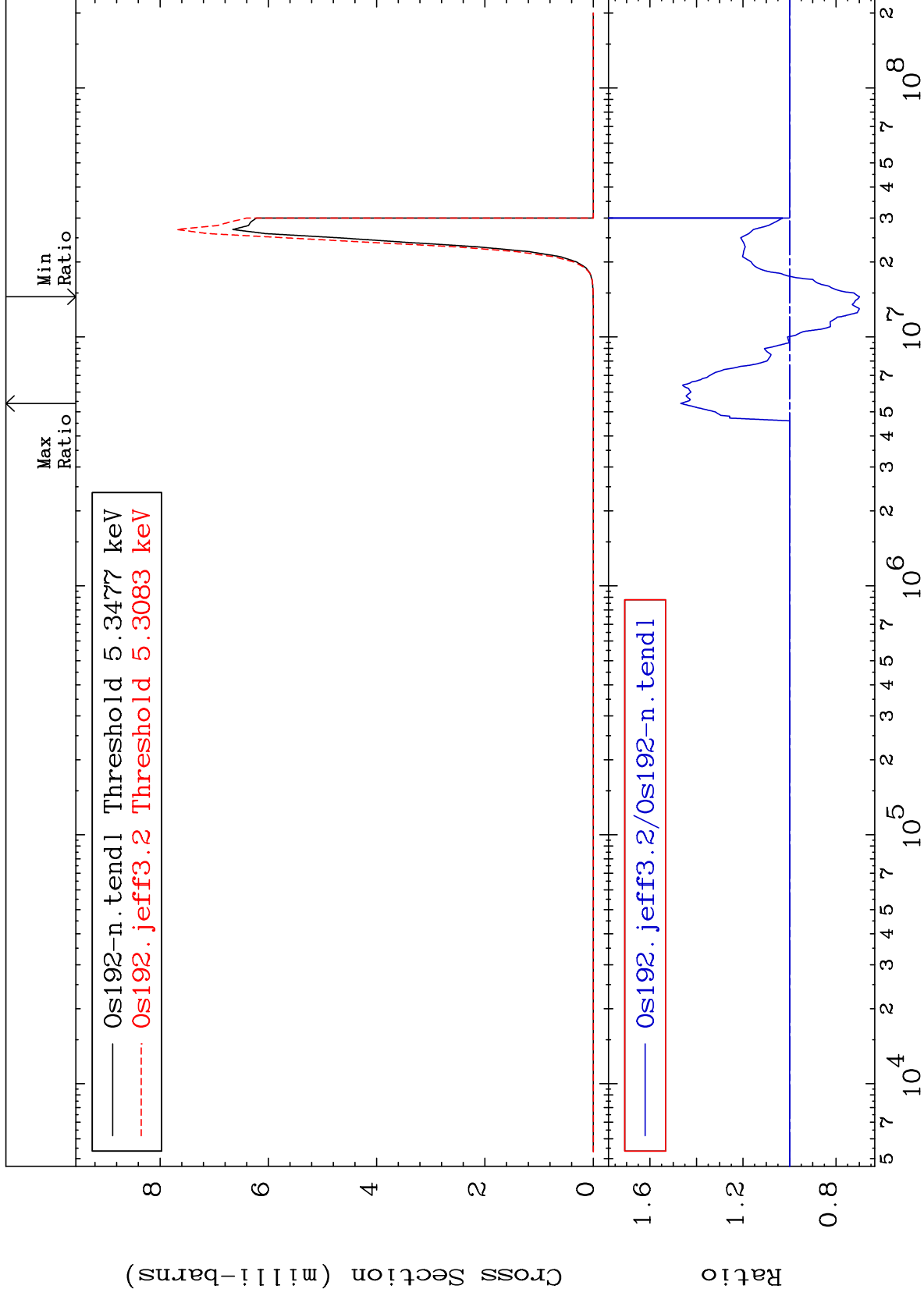
76-0s-192  
-7.535 To 35.39 %



MAT 7649

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

76-0s-192  
-30.09 To 46.76 %



7

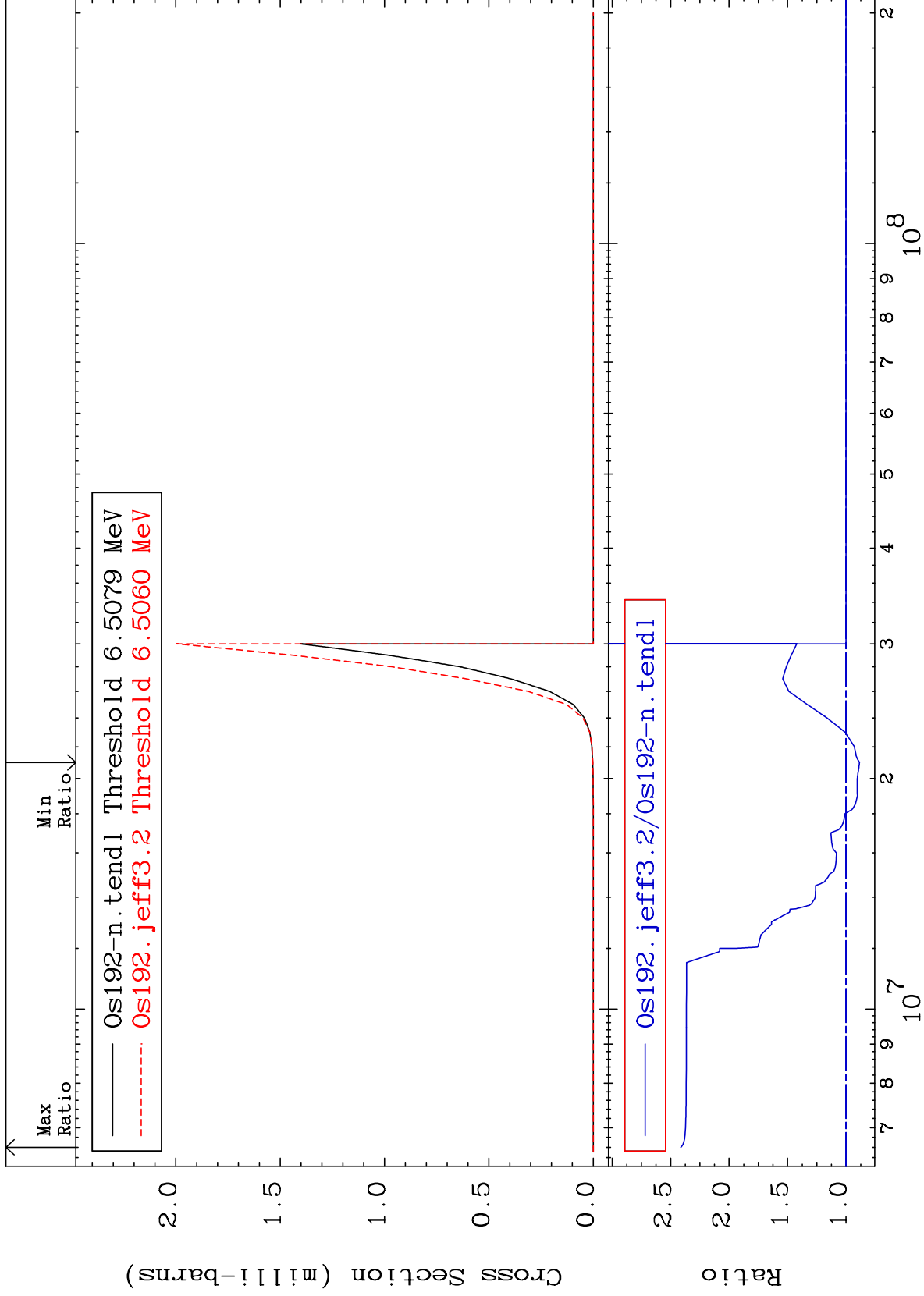
Incident Energy (eV)

76-0s-192

MAT 7649

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

76-0s-192  
-11.52 To 141.3 %

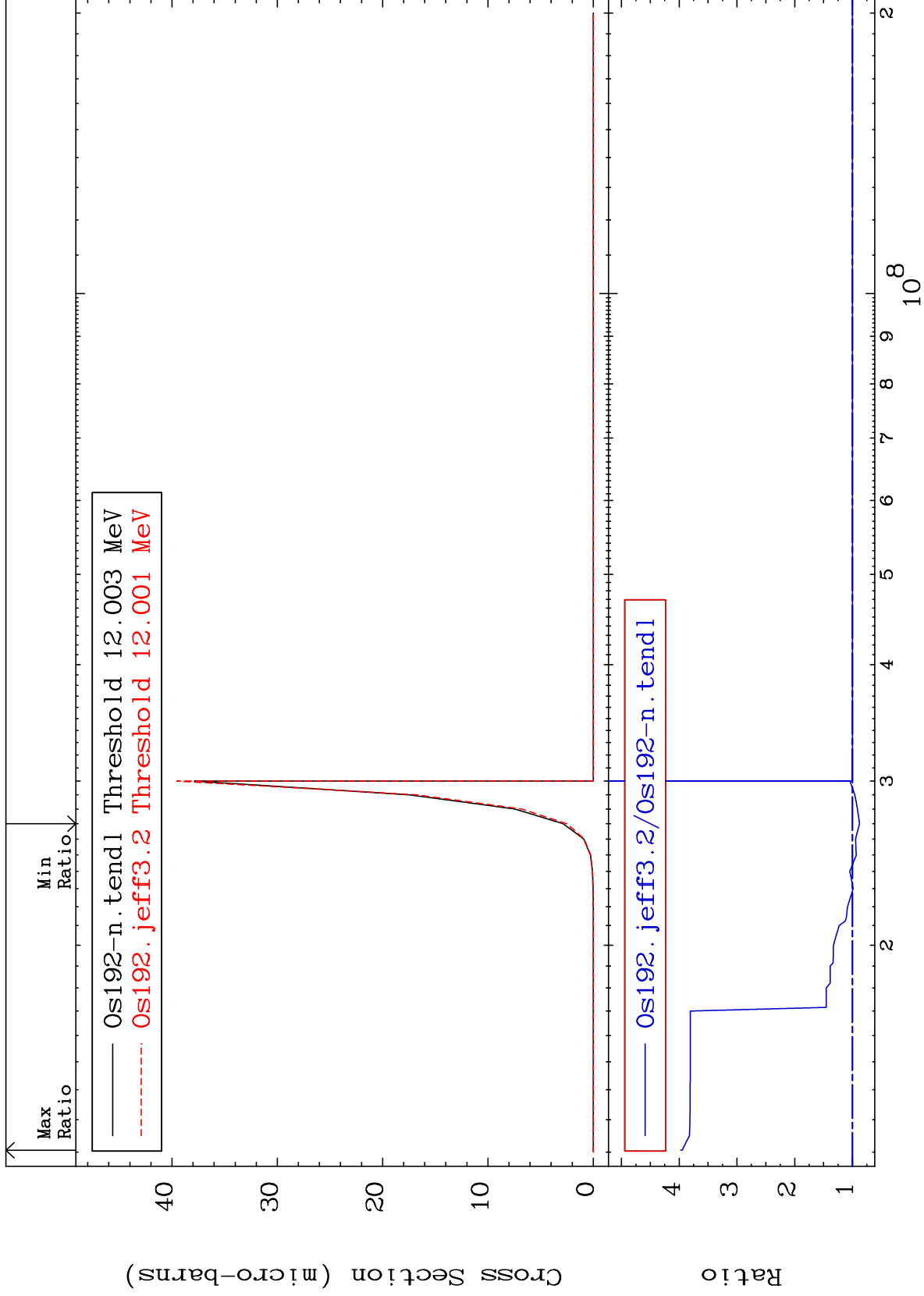




MAT 7649

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

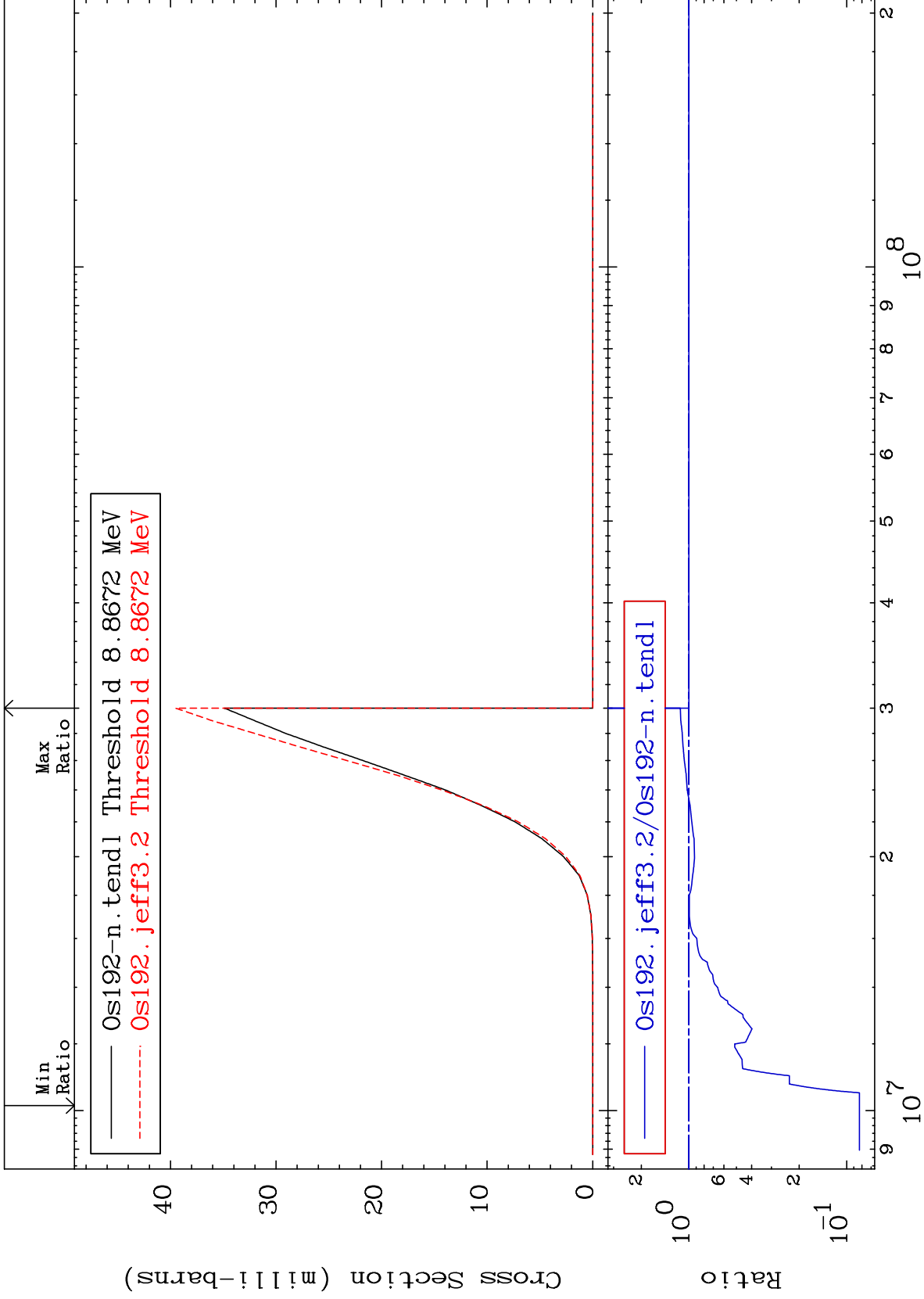
76-0s-192  
-12.24 To 297.3 %



MAT 7649

(n,n') p  
Cross Section

76-0s-192  
-91.71 To 13.27 %



10

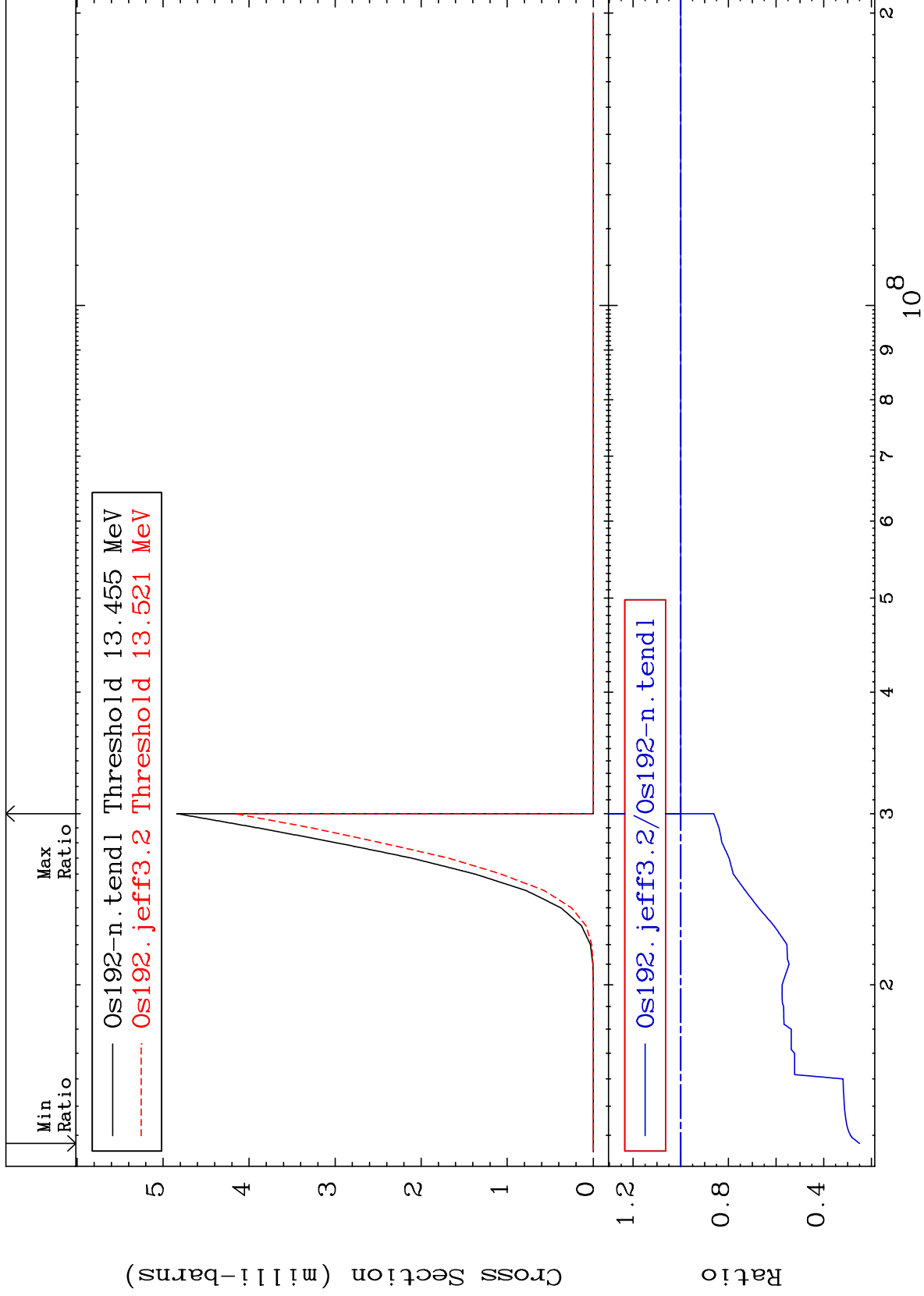
Incident Energy (eV)

76-0s-192

MAT 7649

(n,n') d  
Cross Section

76-0s-192  
-75.02 To 0.000 %



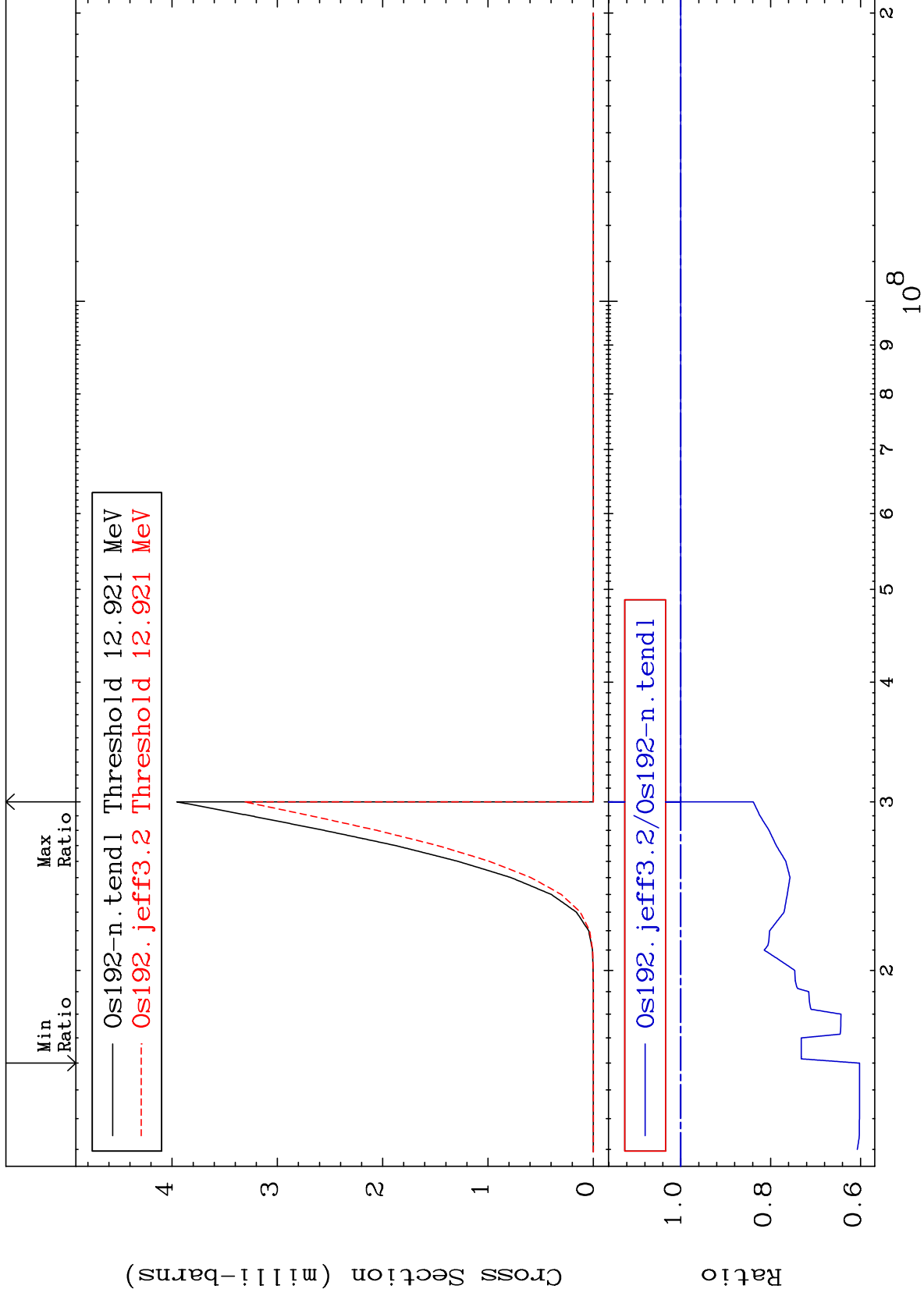
MAT 7649

(n,n') t

76-0s-192

Cross Section

-39.78 To 0.000 %



12

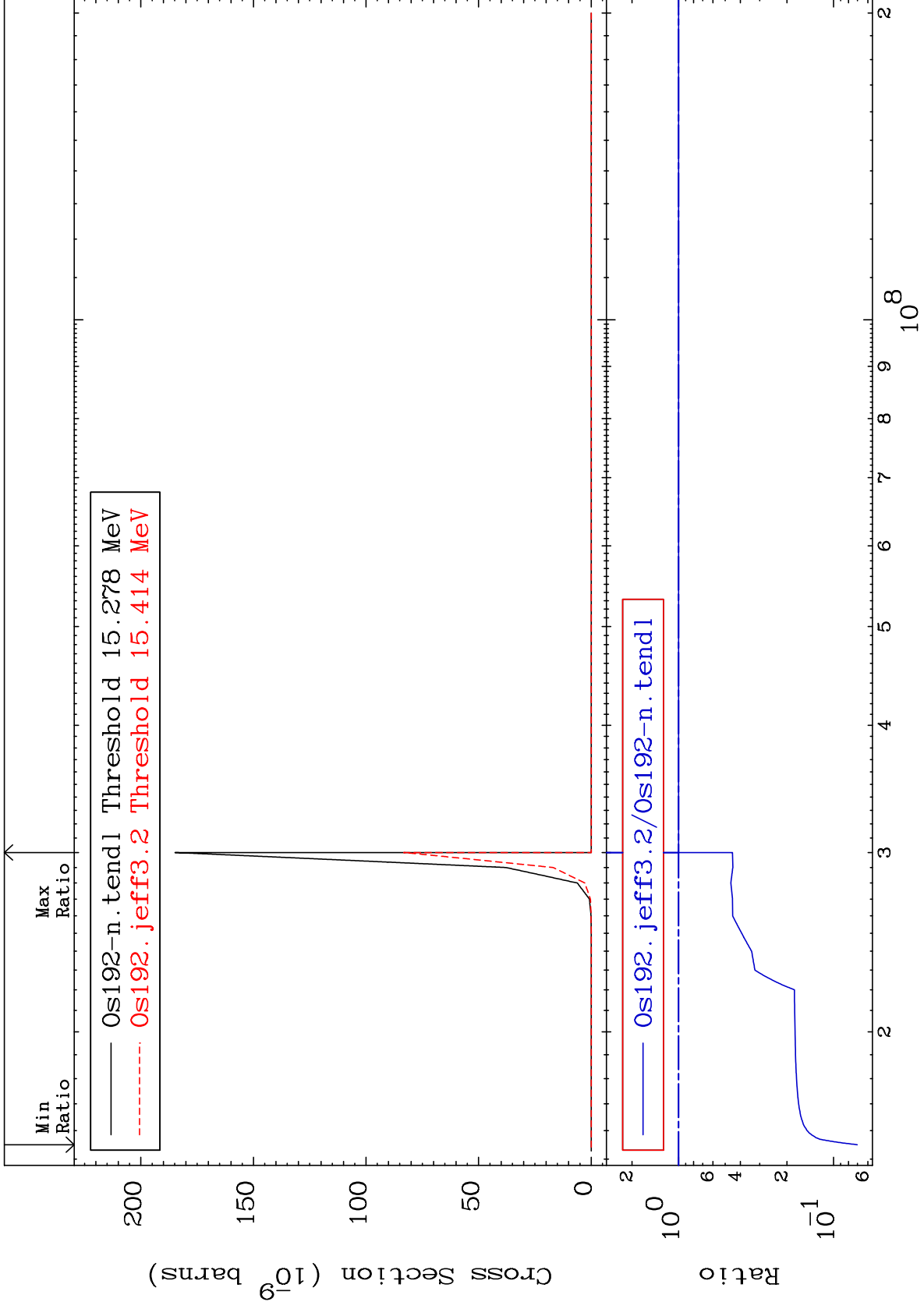
Incident Energy (eV)

76-0s-192

MAT 7649

(n, n') He-3  
Cross Section

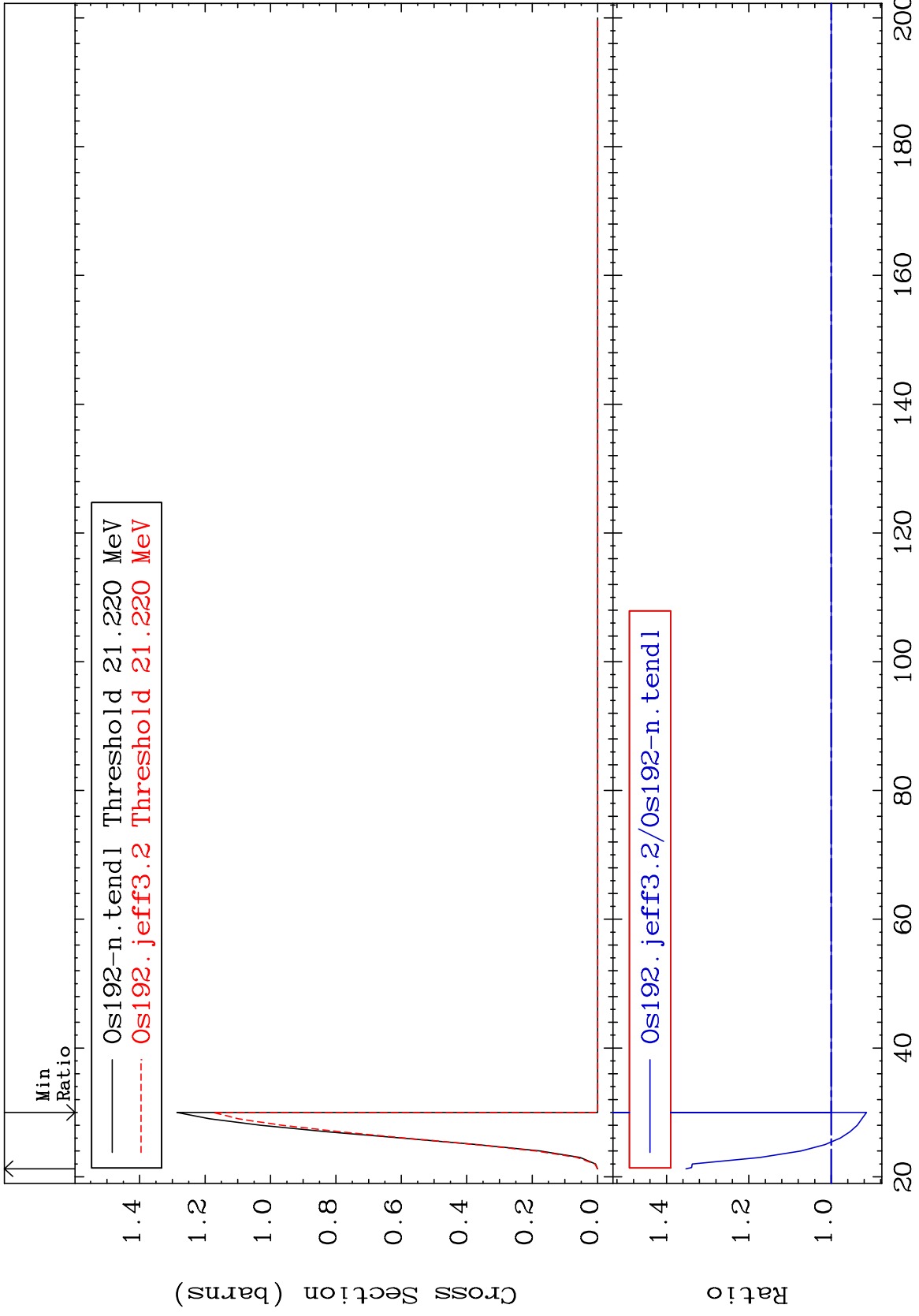
76-0s-192  
-92.97 To 0.000 %



MAT 7649

(n,4n)  
Cross Section

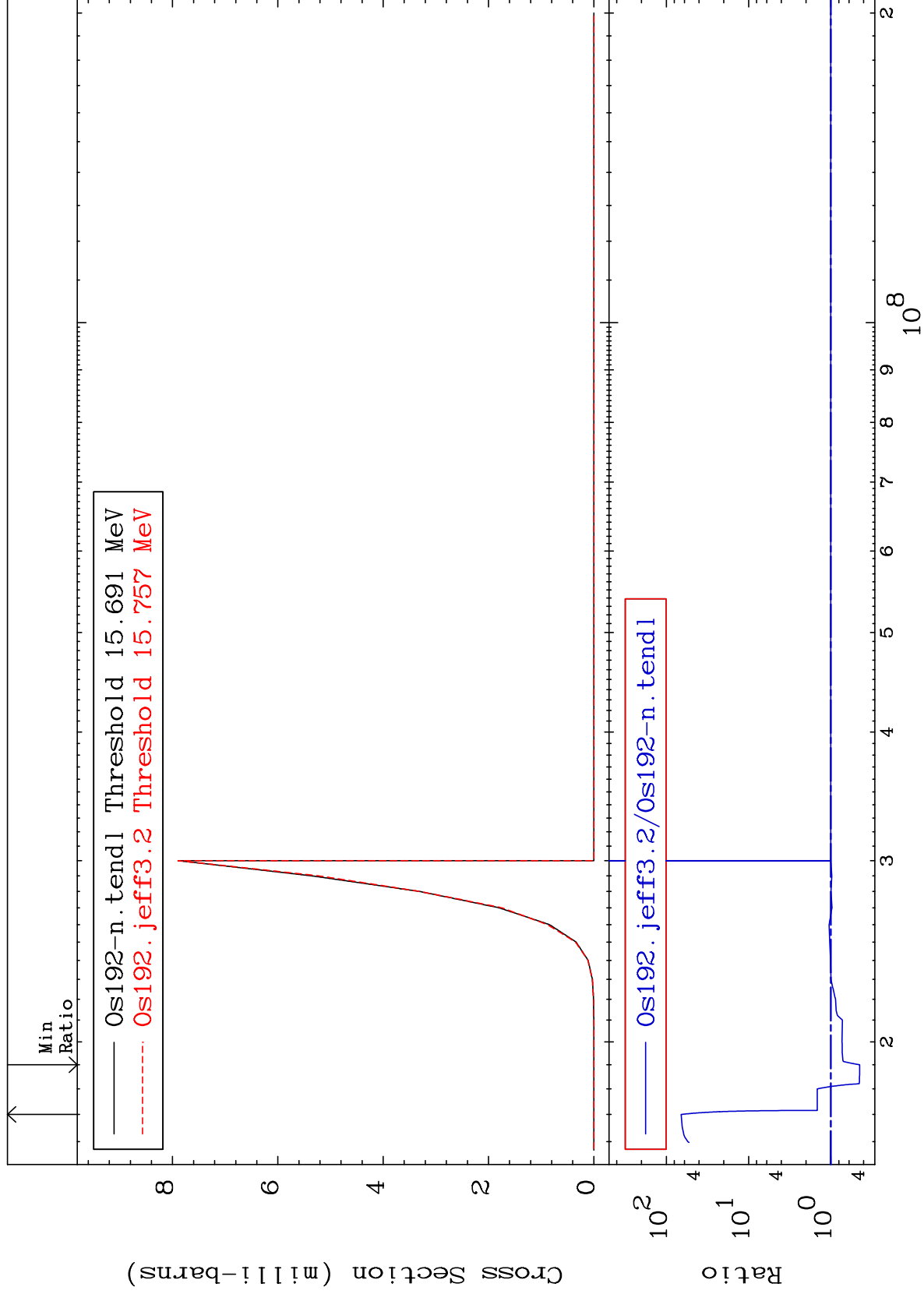
76-0s-192  
-8.569 To 35.27 %



MAT 7649

(n,2n) p  
Cross Section

76-0s-192  
-55.32 To 6494. %



15

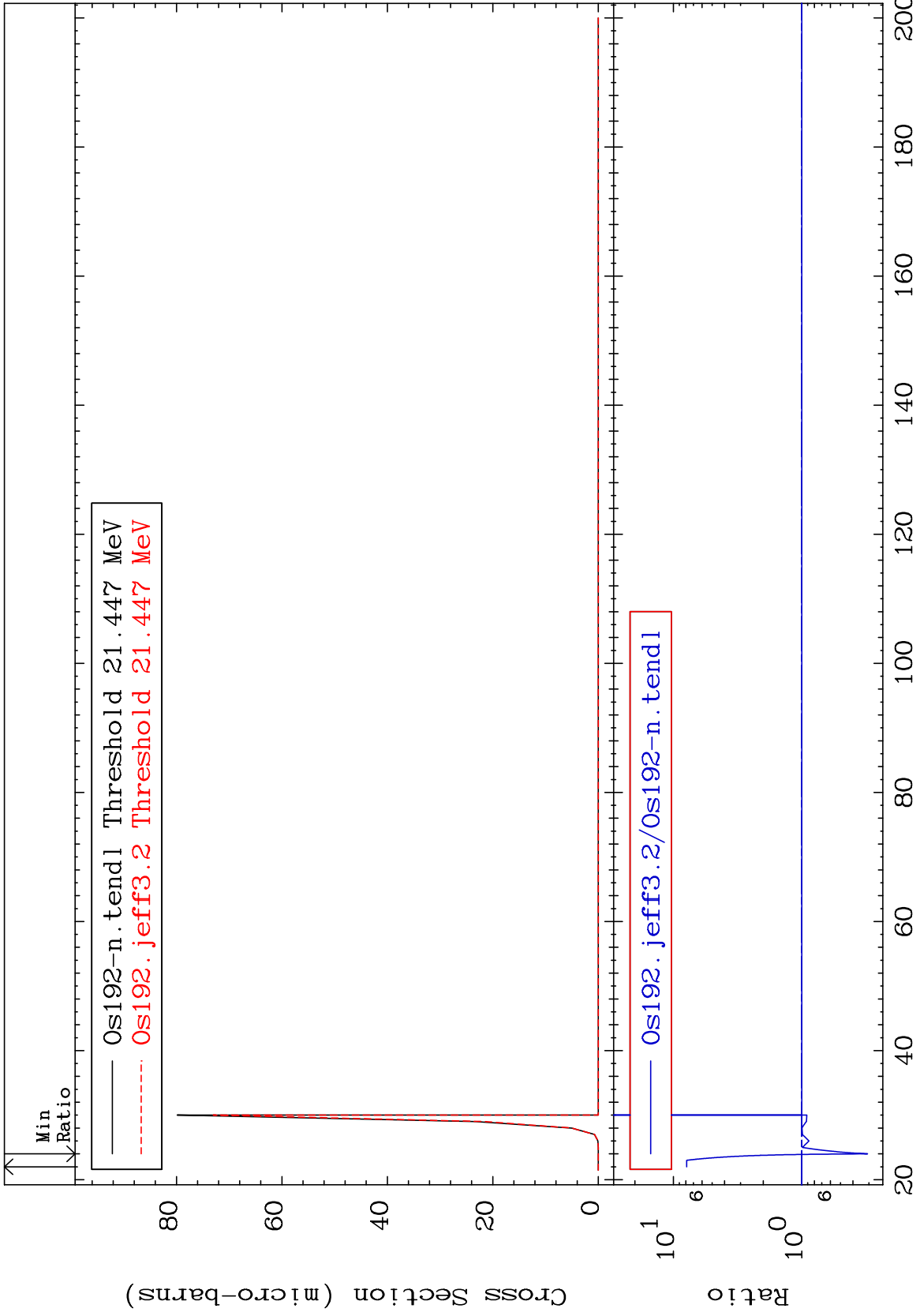
Incident Energy (eV)

76-0s-192

MAT 7649

(n,3n) p  
Cross Section

76-0s-192  
-69.14 To 688.7 %

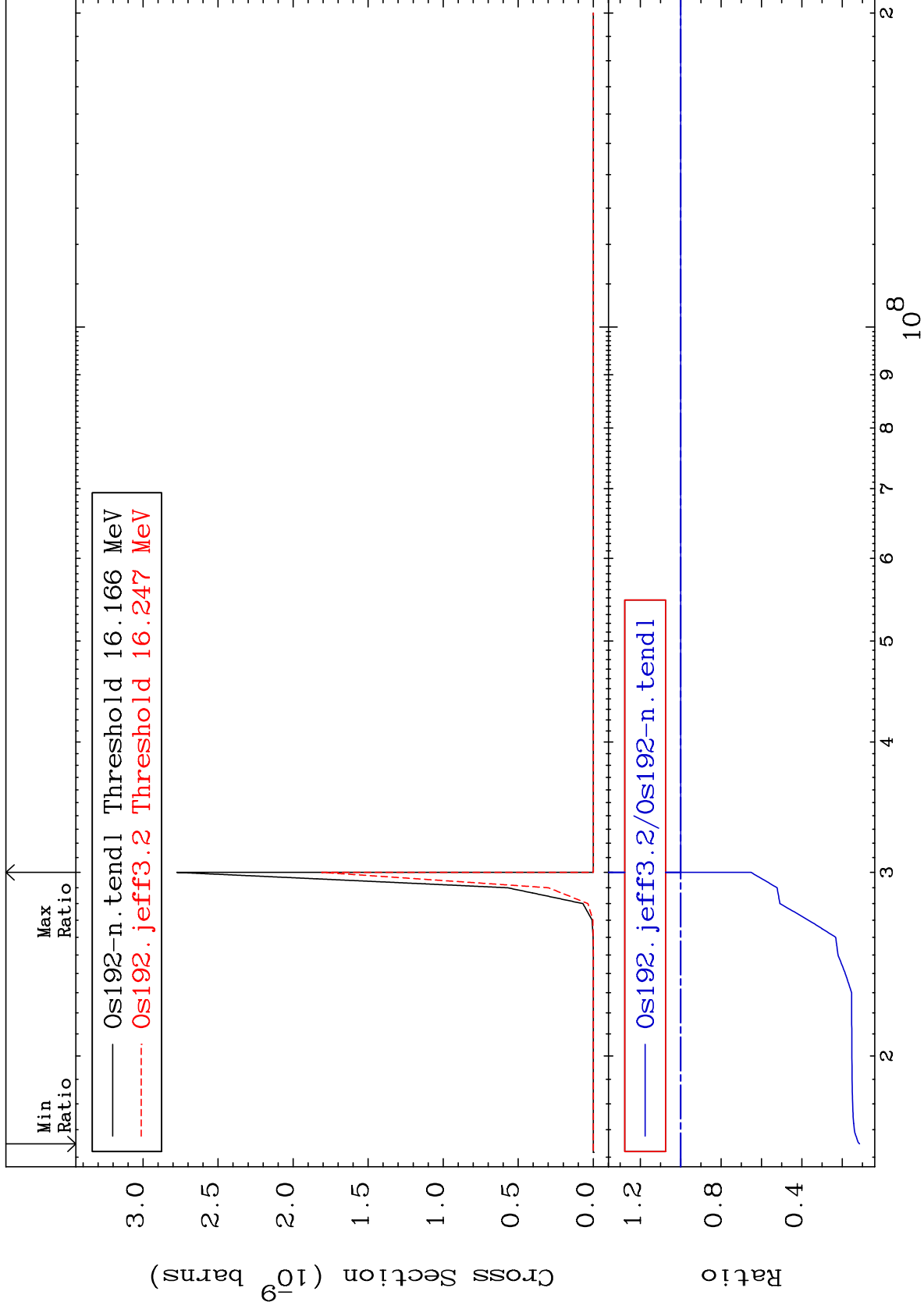




MAT 7649

(n,2n) p  
Cross Section

76-0s-192  
-88.56 To 0.000 %



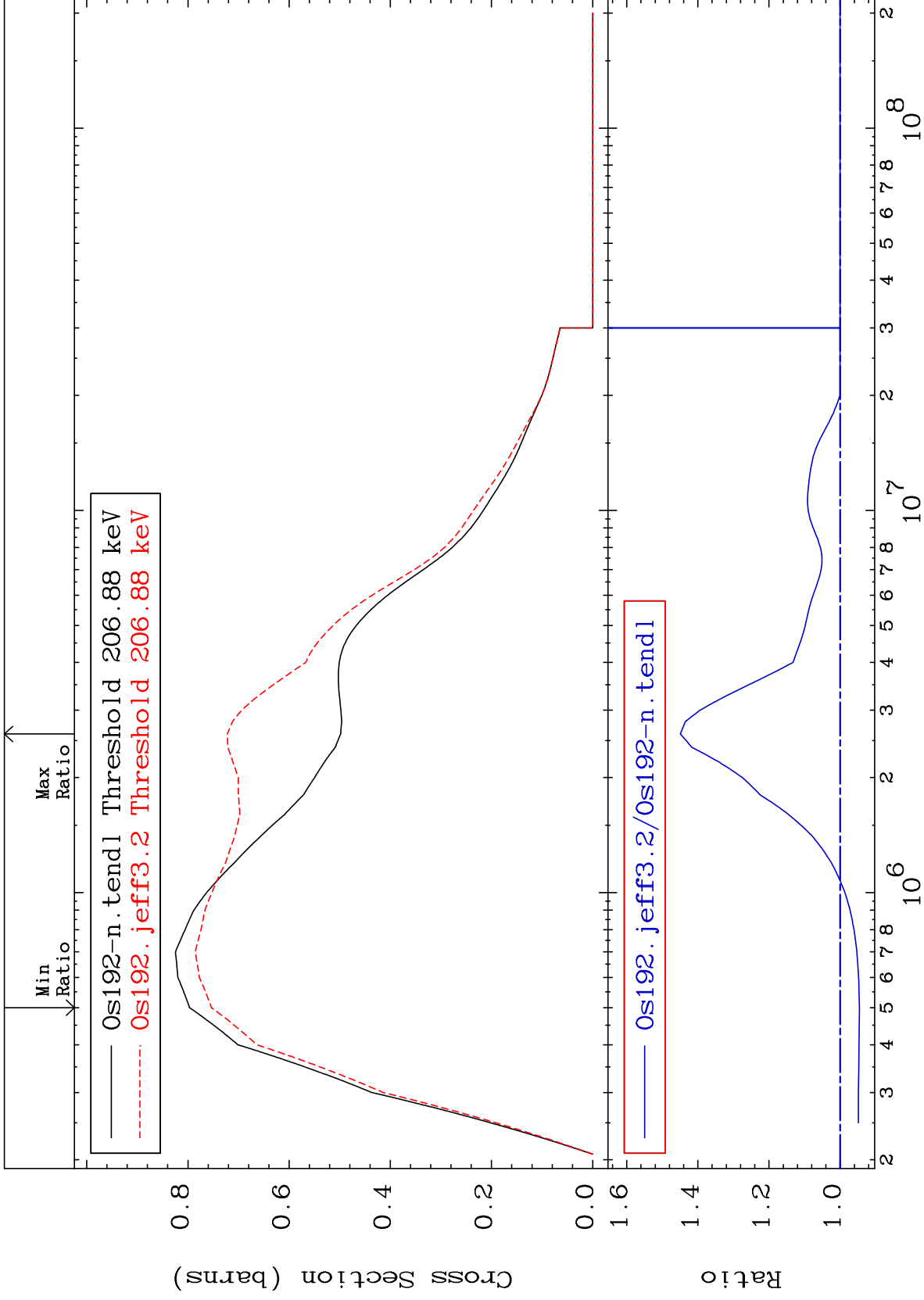
17

76-0s-192

MAT 7649

205.8 keV (n,n') Level  
Cross Section

76-Os-192  
-5.432 To 44.93 %



18

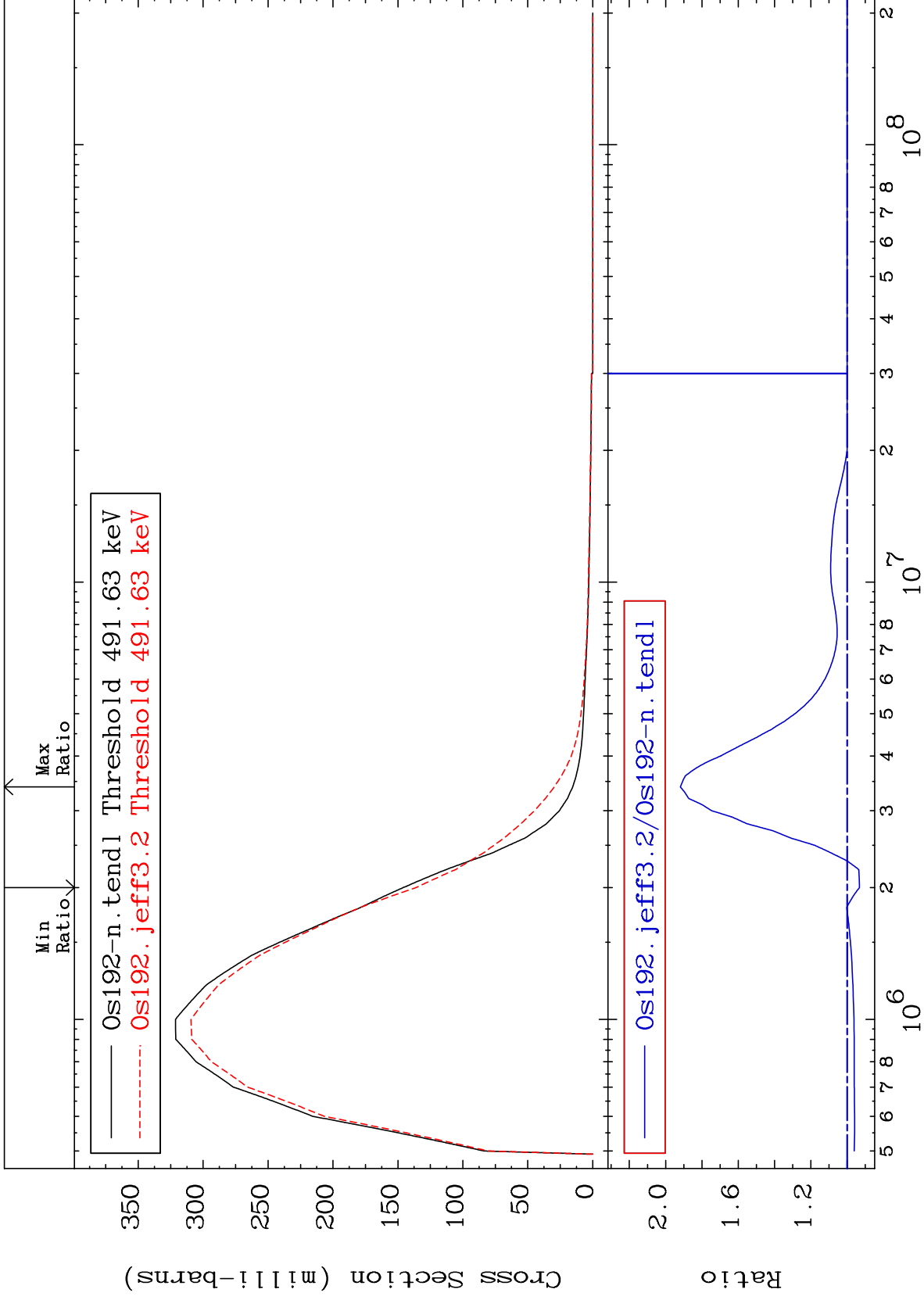
Incident Energy (eV)

76-Os-192

MAT 7649

489.1 keV (n,n') Level  
Cross Section

76-0s-192  
-6.757 To 91.89 %



19

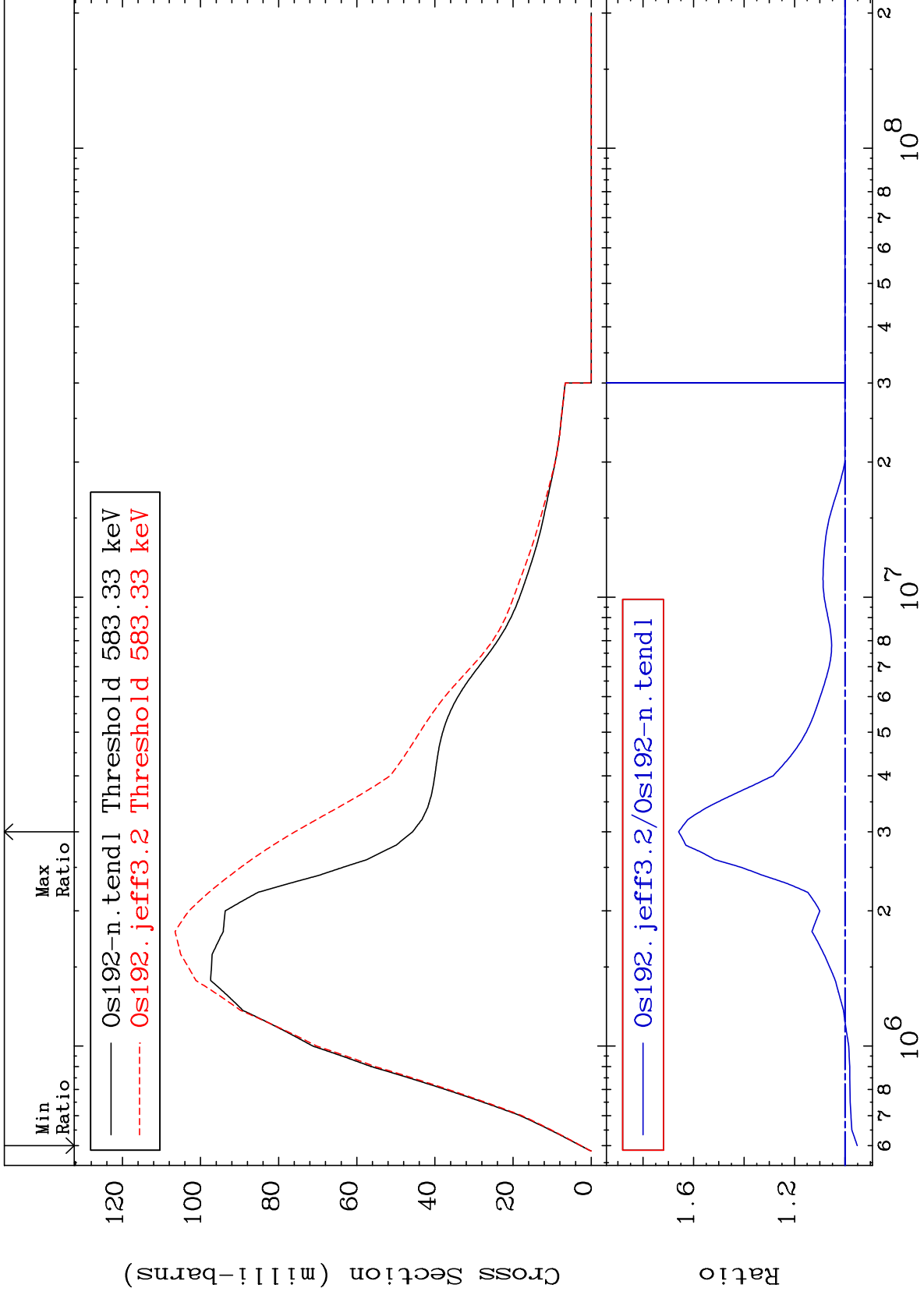
Incident Energy (eV)

76-0s-192

MAT 7649

580.3 keV (n,n') Level  
Cross Section

76-0s-192  
-4.821 To 65.92 %



20

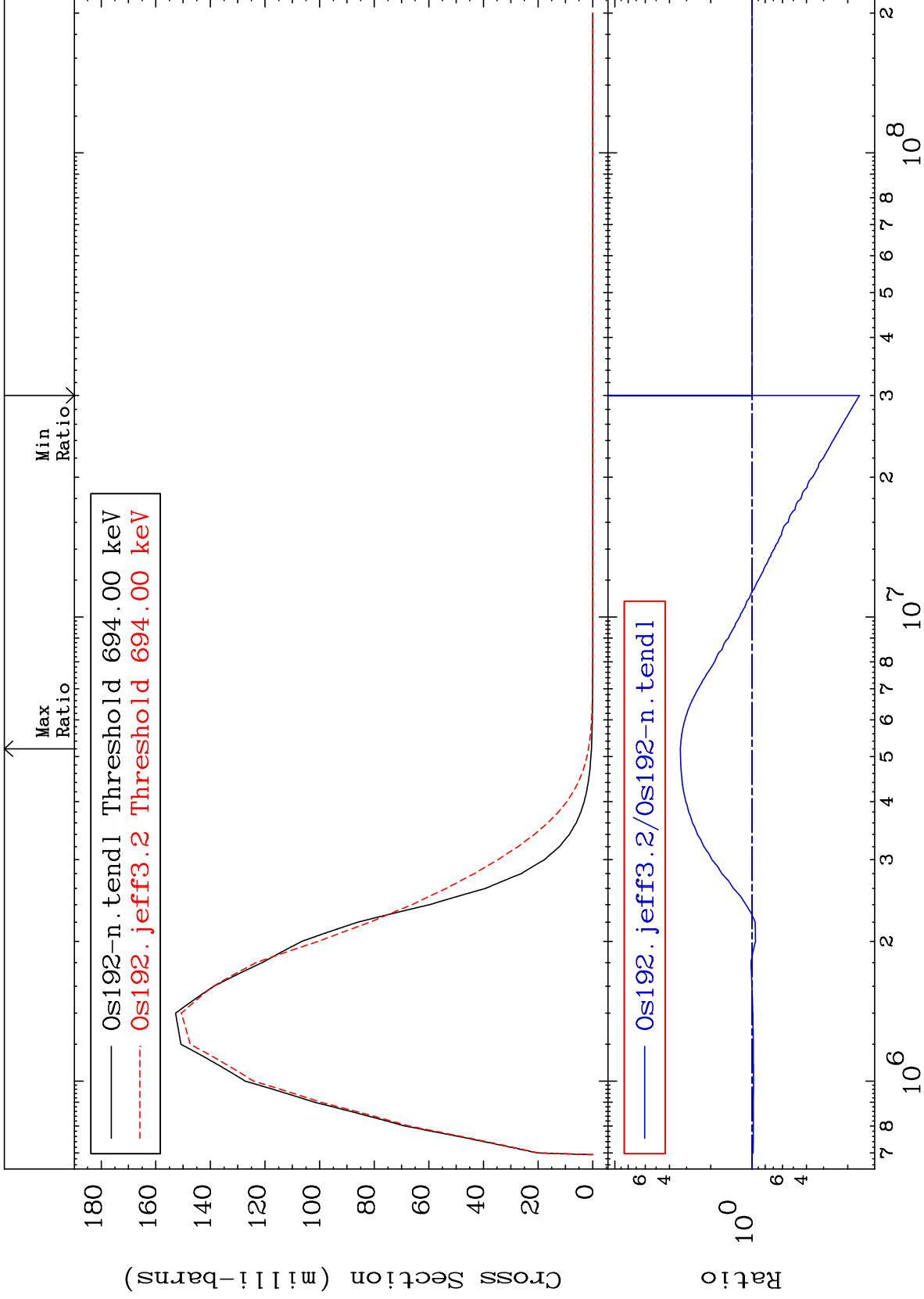
Incident Energy (eV)

76-0s-192

MAT 7649

690.4 keV (n,n') Level  
Cross Section

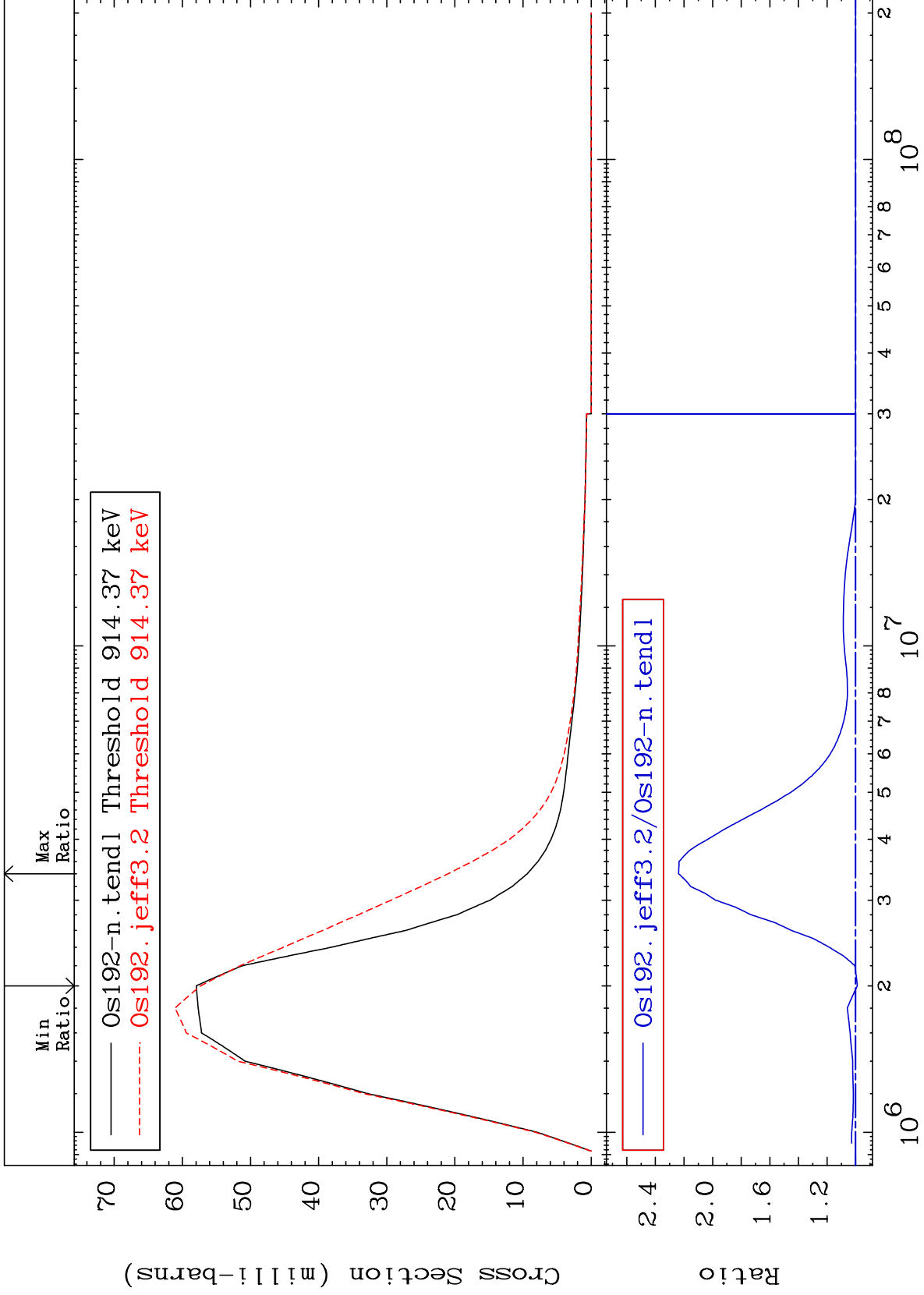
76-0s-192  
-83.55 To 233.1 %



MAT 7649

909.6 keV (n,n') Level  
Cross Section

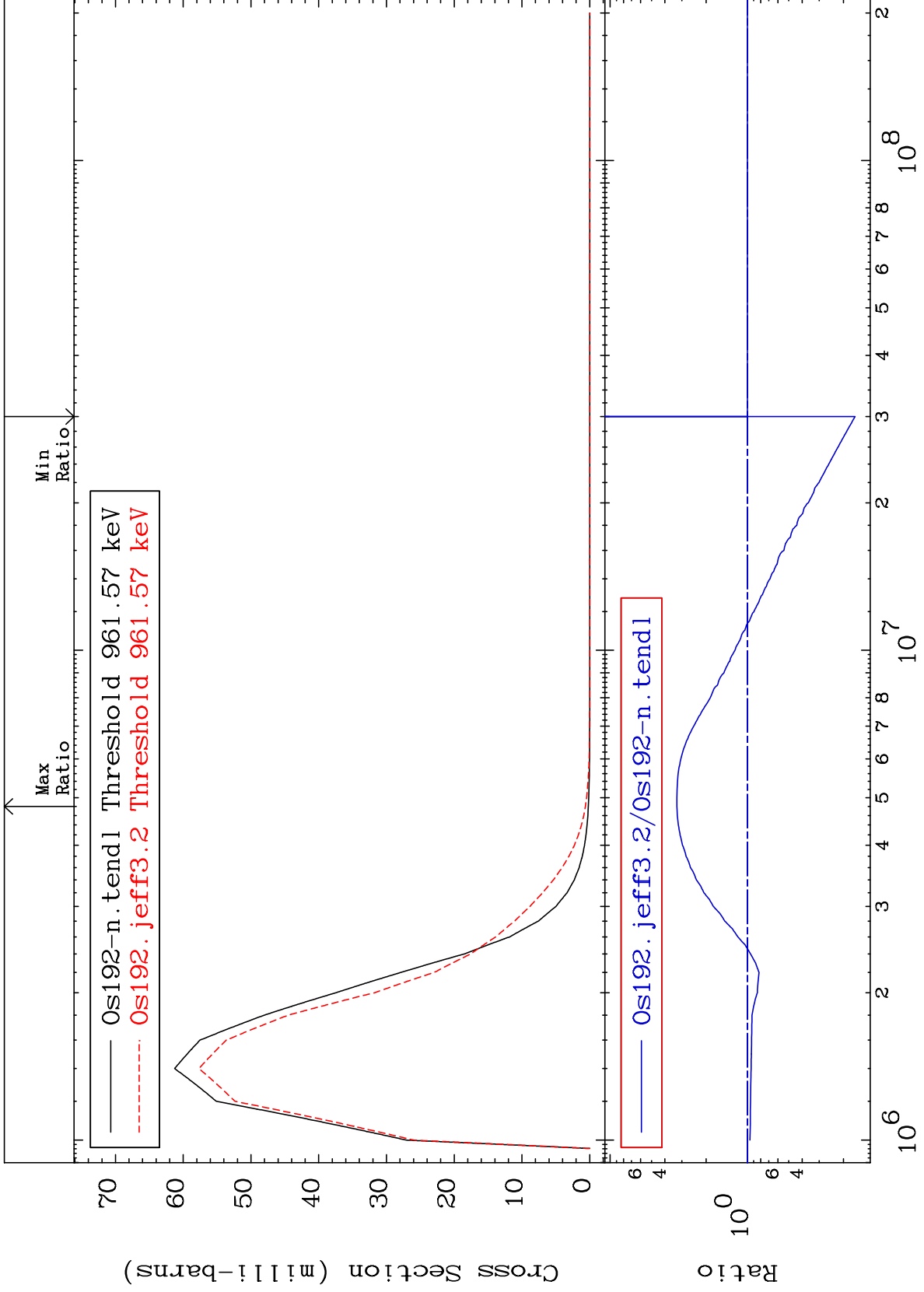
76-0s-192  
-1.117 To 123.7 %



MAT 7649

956.5 keV (n,n') Level  
Cross Section

76-0s-192  
-83.56 To 226.4 %



23

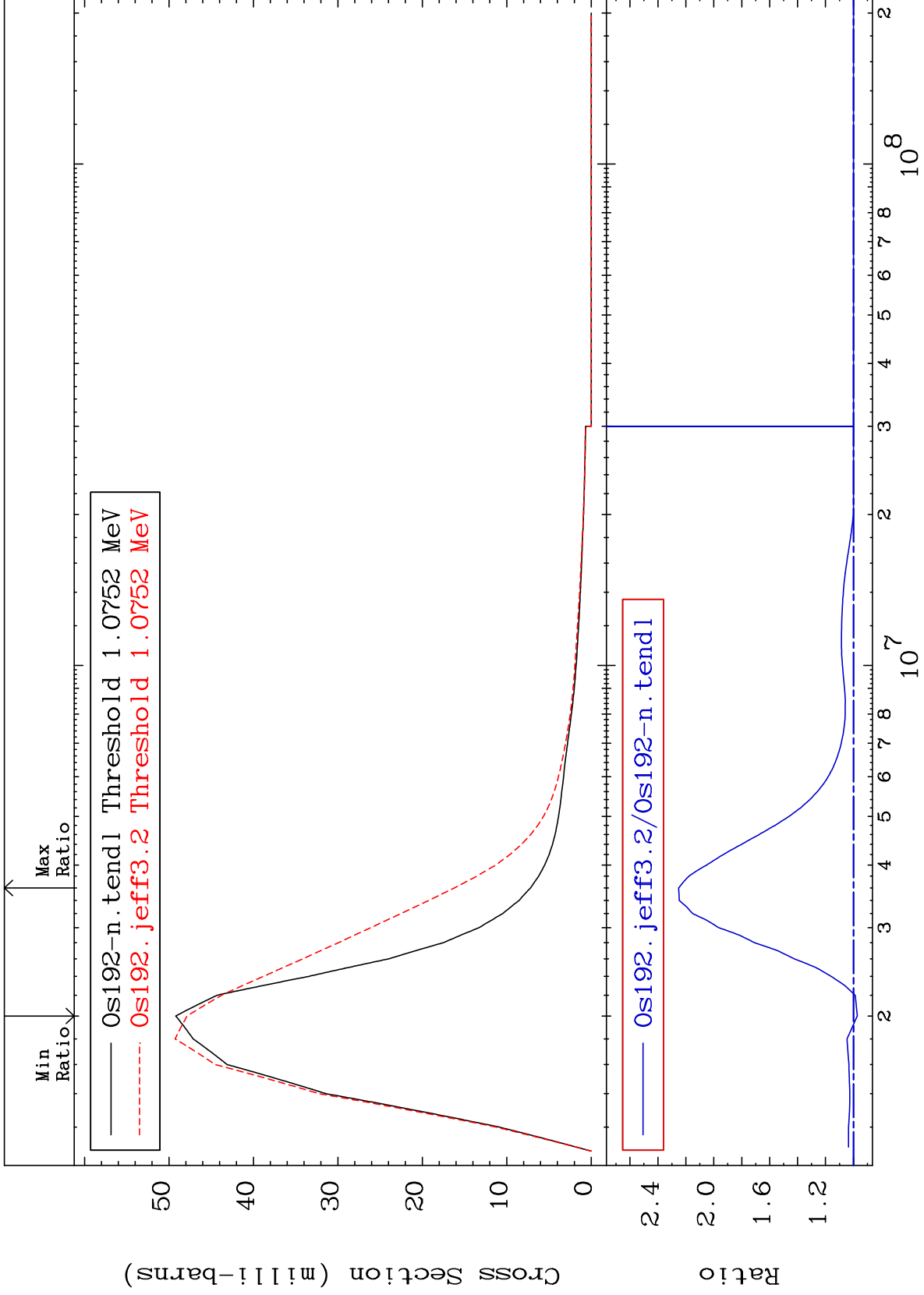
Incident Energy (eV)

76-0s-192

MAT 7649

1.070 MeV (n,n') Level  
Cross Section

76-0s-192  
-2.727 To 125.2 %



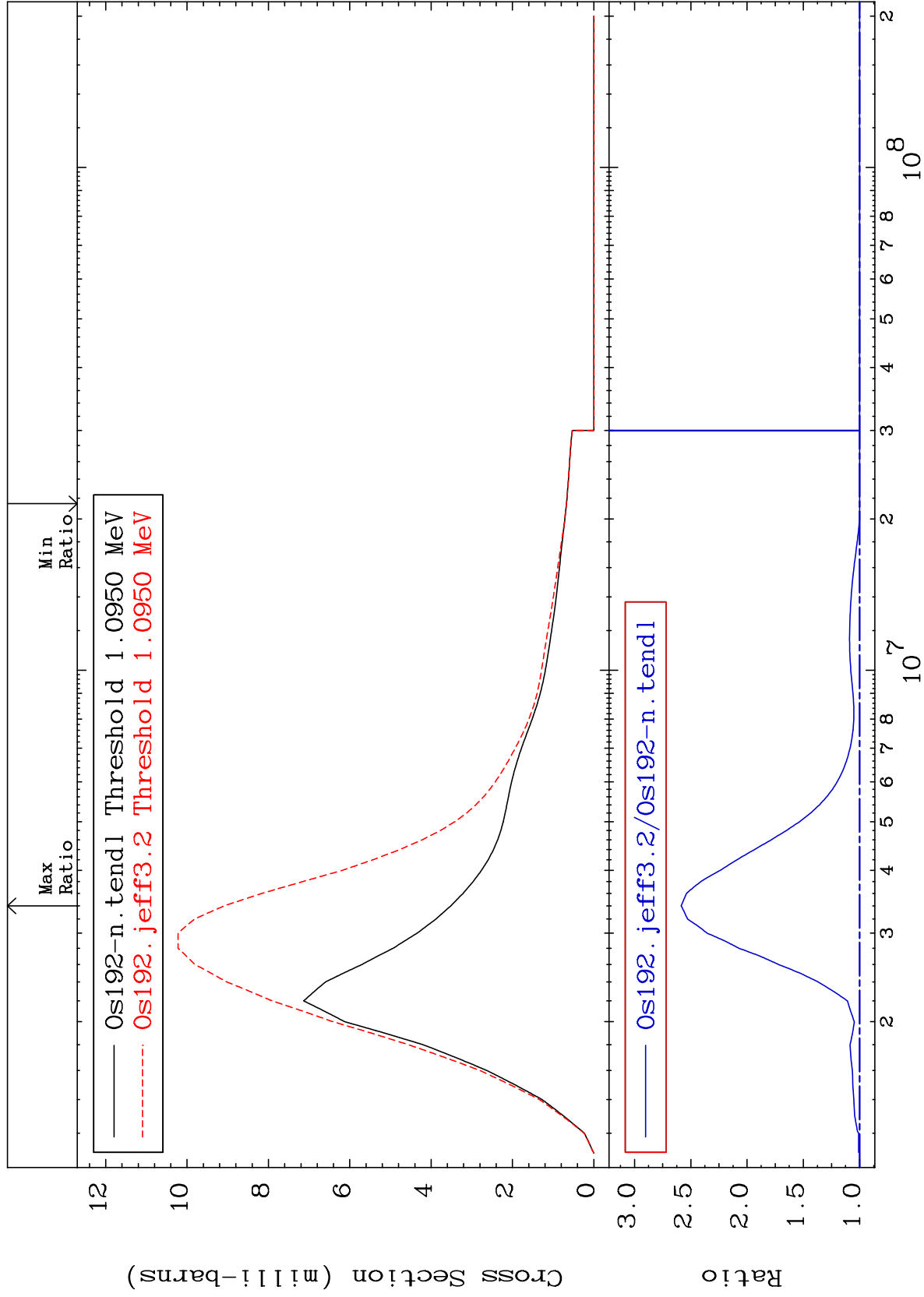


MAT 7649

1.089 MeV (n,n') Level

76-0s-192

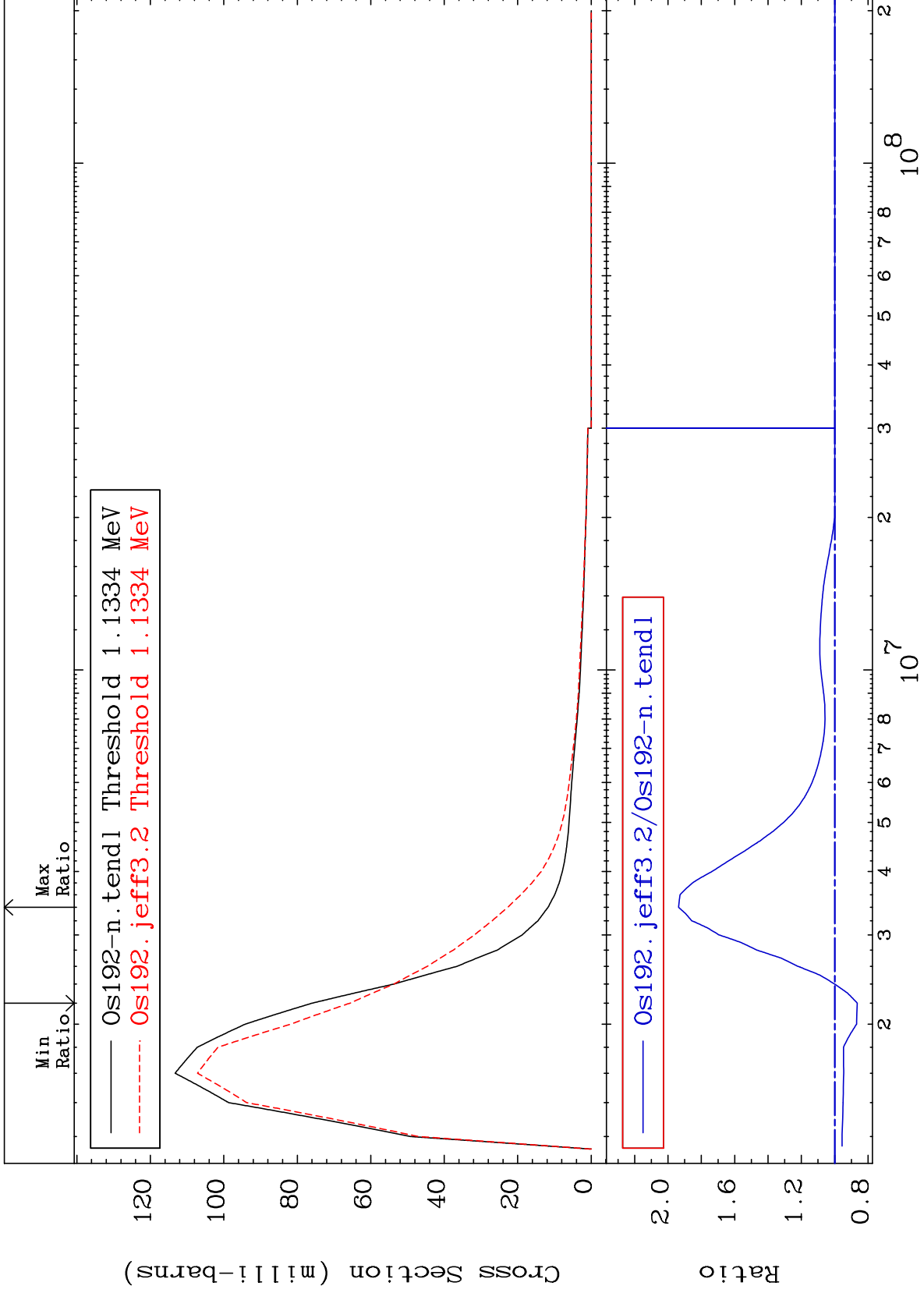
0.000 To 158.5 %



MAT 7649

1.128 MeV (n,n') Level  
Cross Section

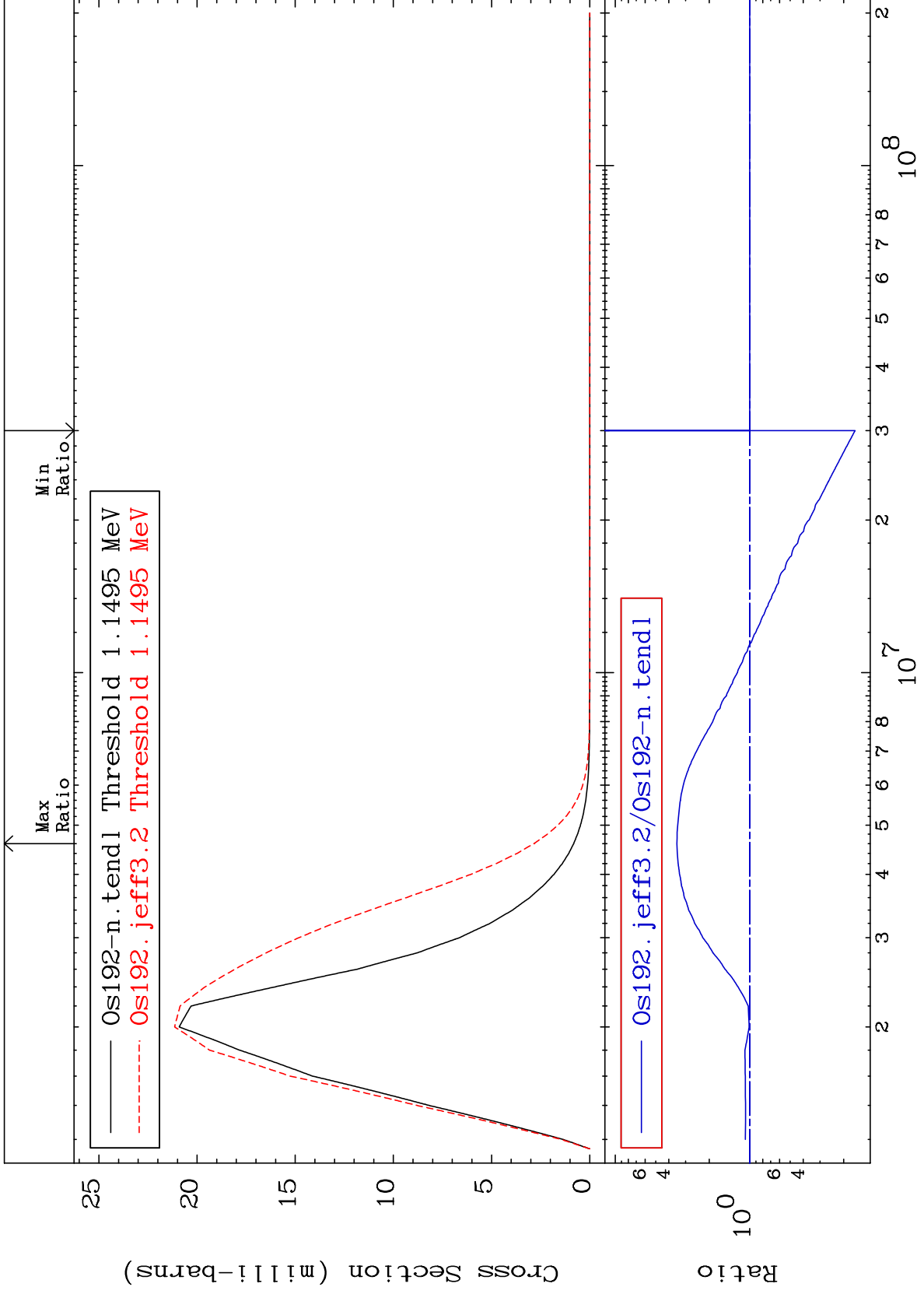
76-0s-192  
-13.53 To 93.62 %

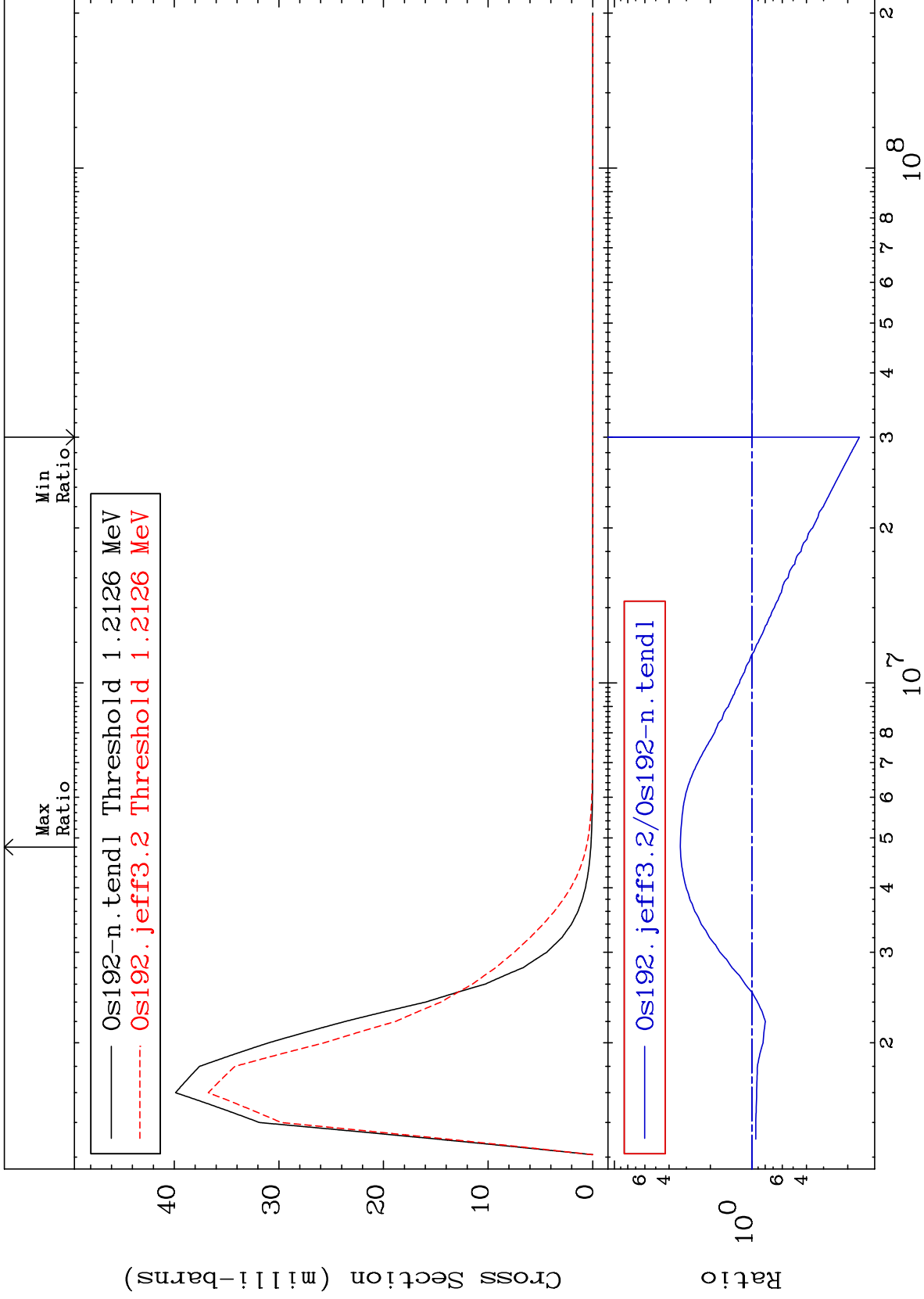


MAT 7649

1.144 MeV (n,n') Level  
Cross Section

76-0s-192  
-83.53 To 248.2 %

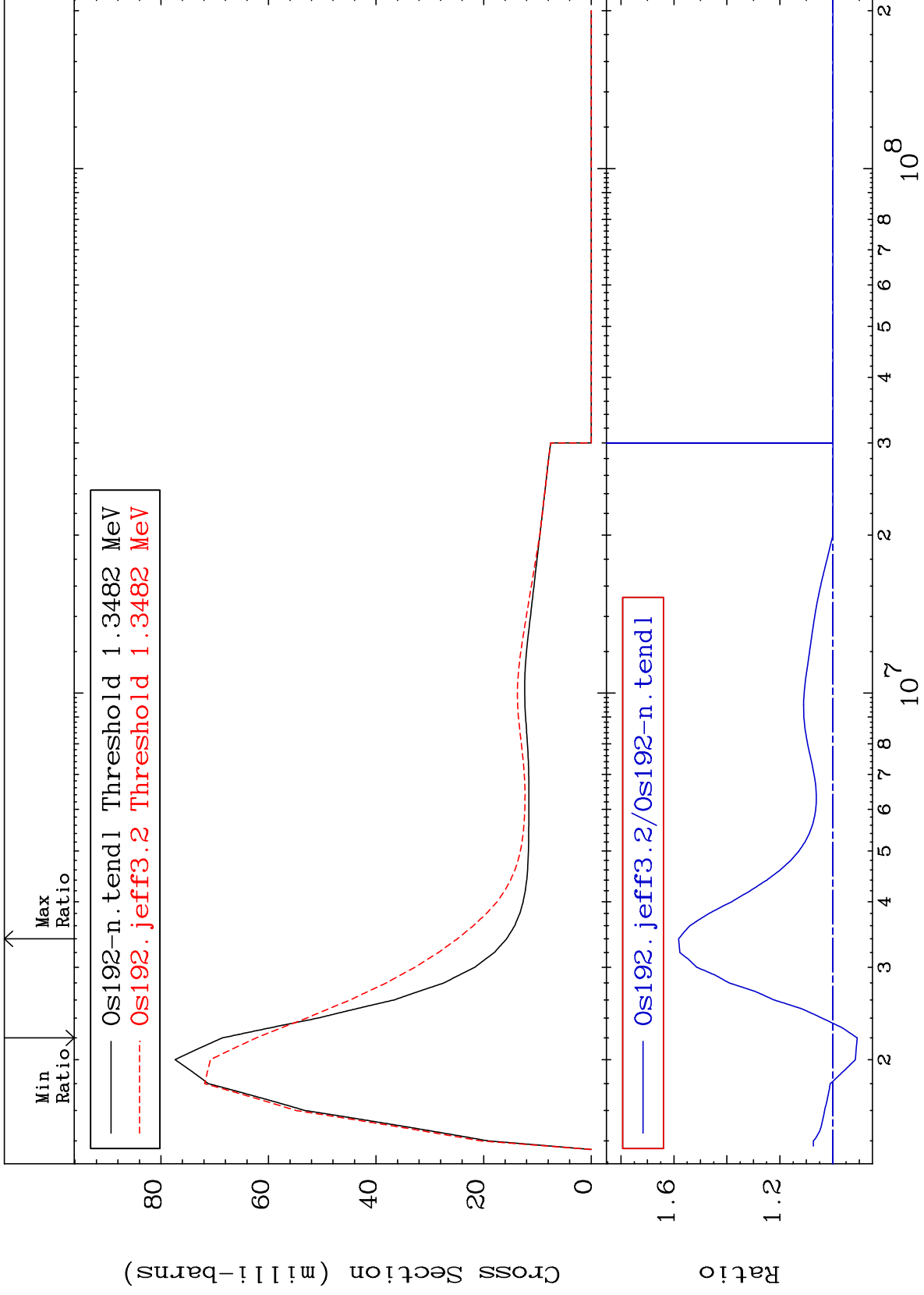




MAT 7649

1.341 MeV (n,n') Level  
Cross Section

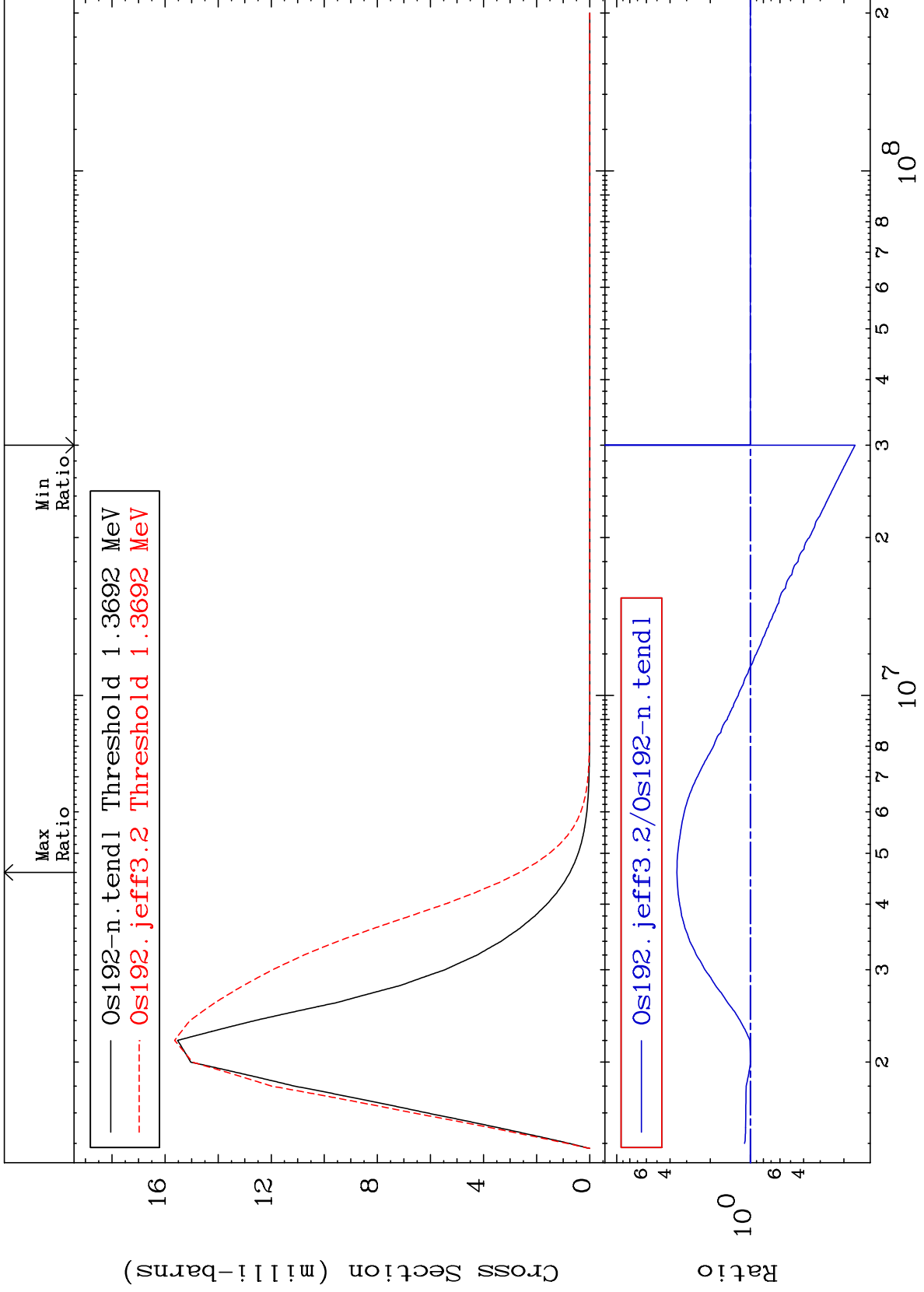
76-0s-192  
-9.212 To 58.23 %



MAT 7649

1.362 MeV (n,n') Level  
Cross Section

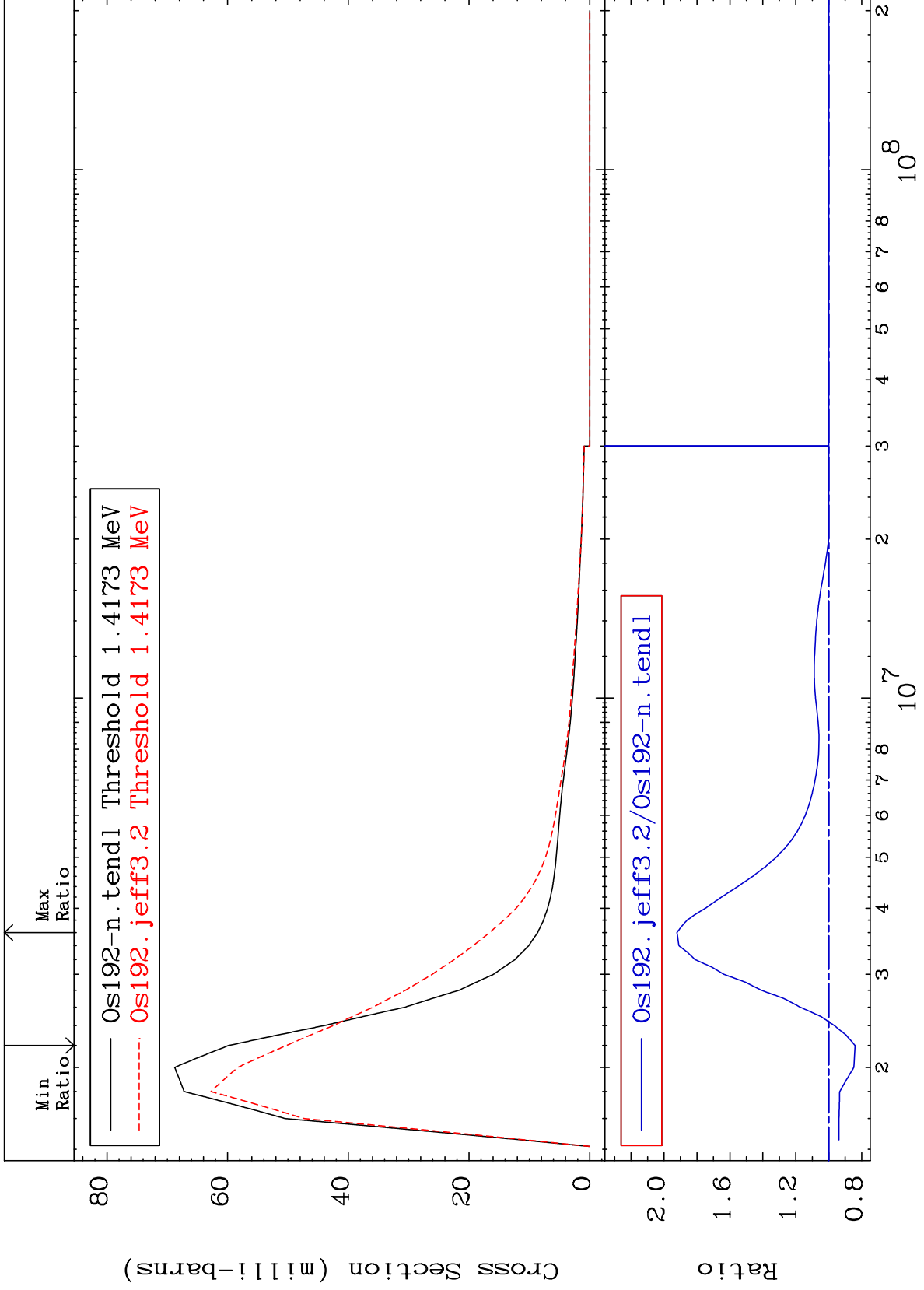
76-0s-192  
-83.53 To 254.8 %



MAT 7649

1.410 MeV (n,n') Level  
Cross Section

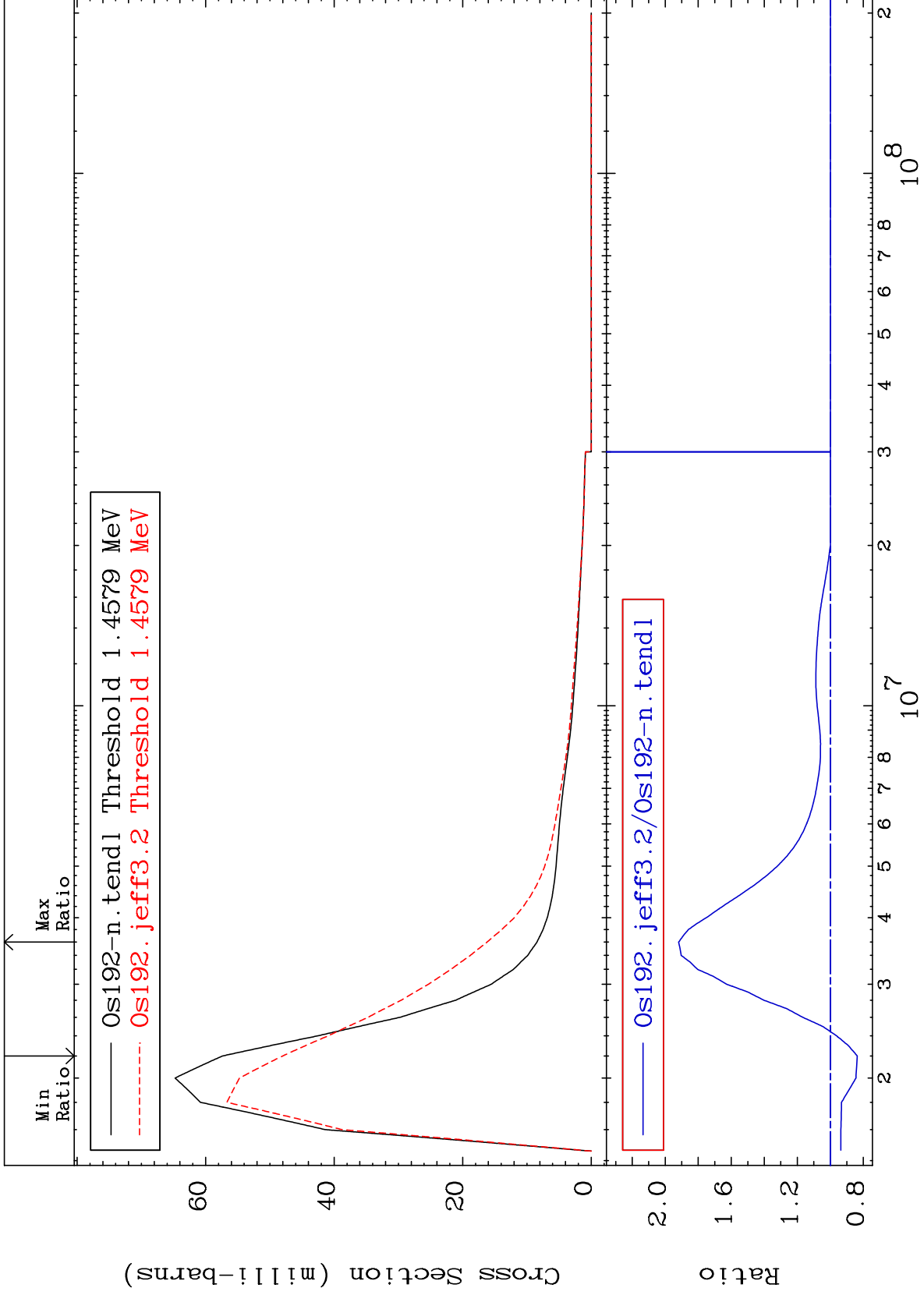
76-0s-192  
-15.99 To 92.16 %



MAT 7649

1.450 MeV (n,n') Level  
Cross Section

76-0s-192  
-16.30 To 91.87 %

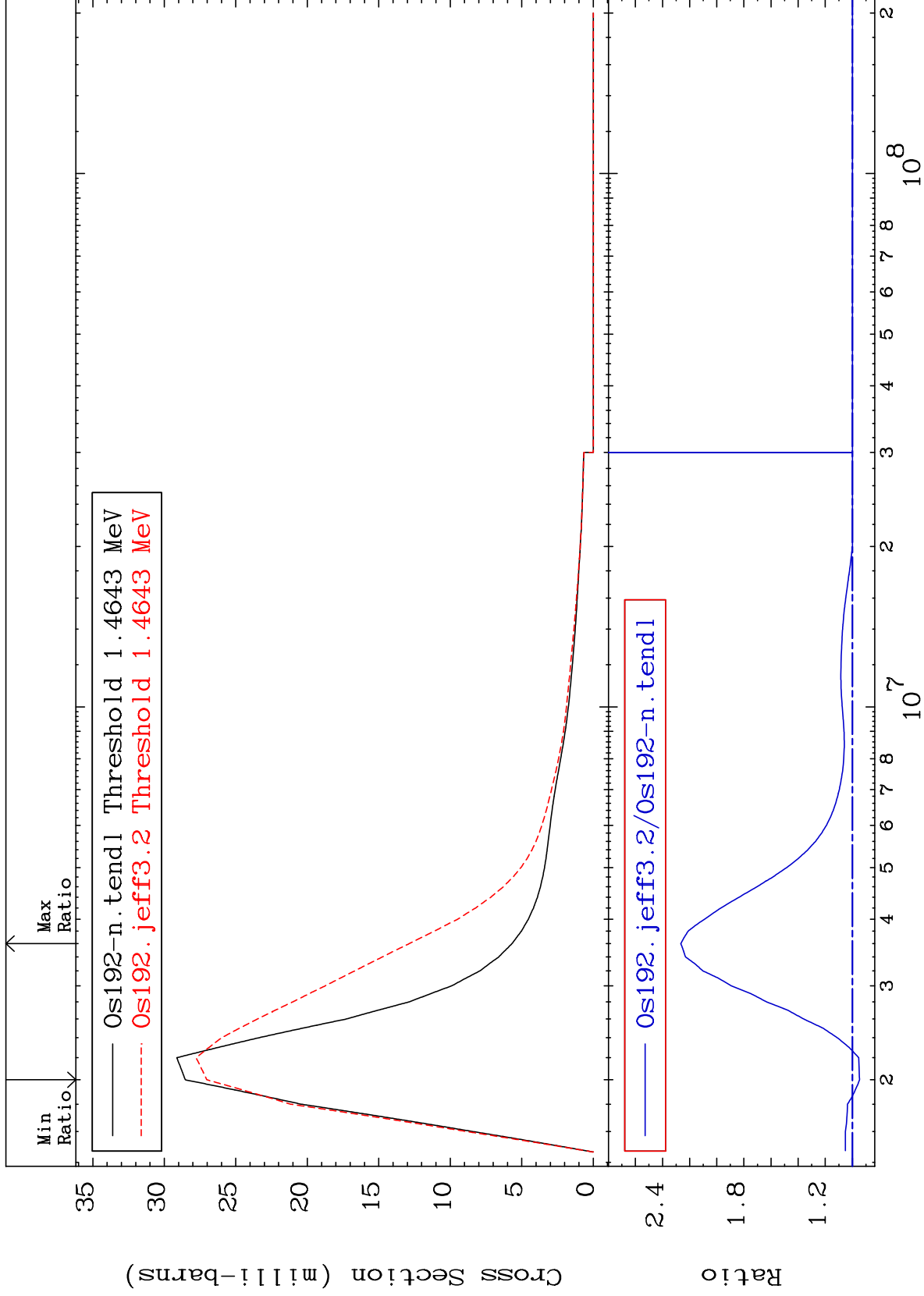




MAT 7649

1.457 MeV (n,n') Level  
Cross Section

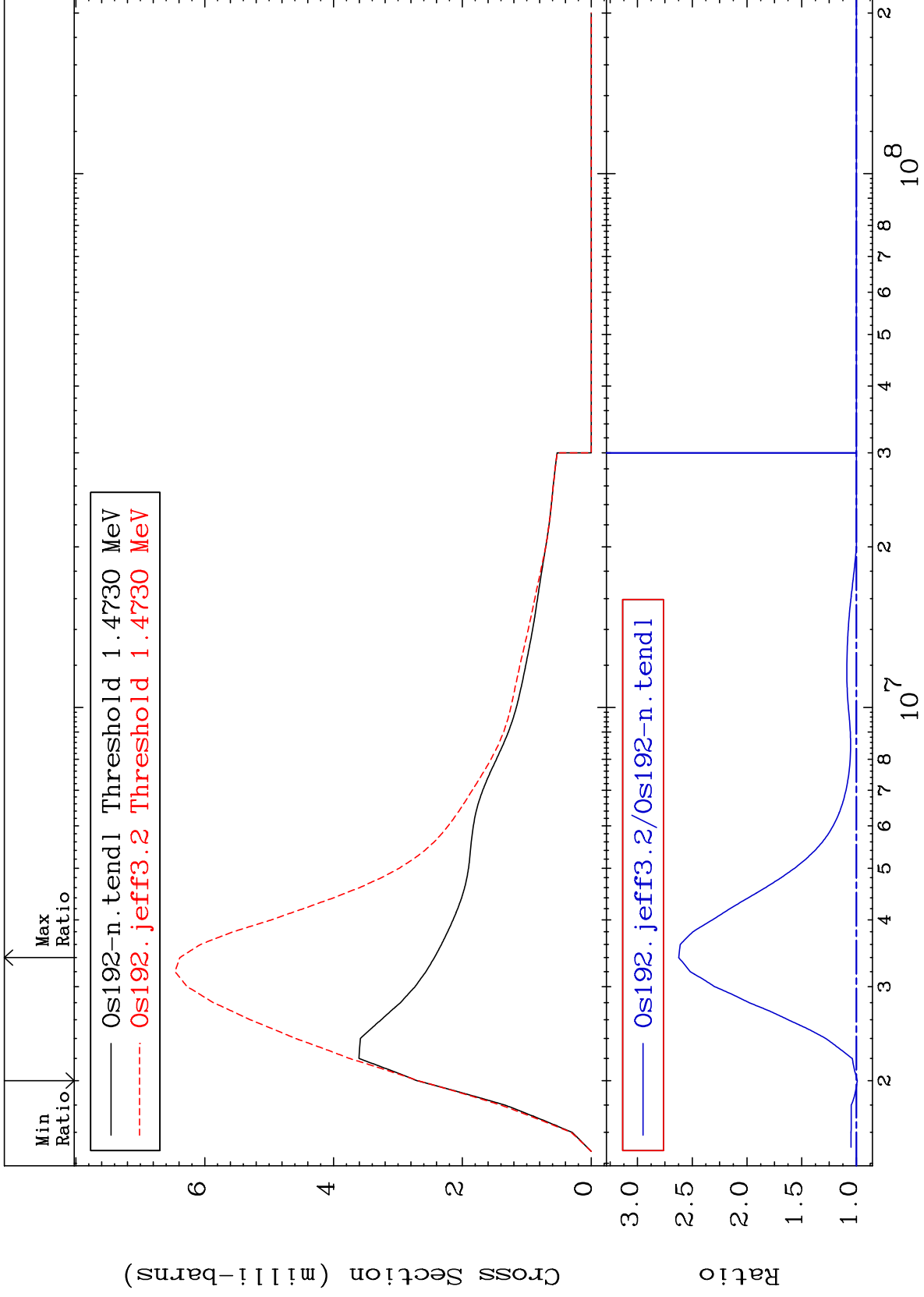
76-0s-192  
-5.270 To 126.6 %



MAT 7649

1.465 MeV (n,n') Level  
Cross Section

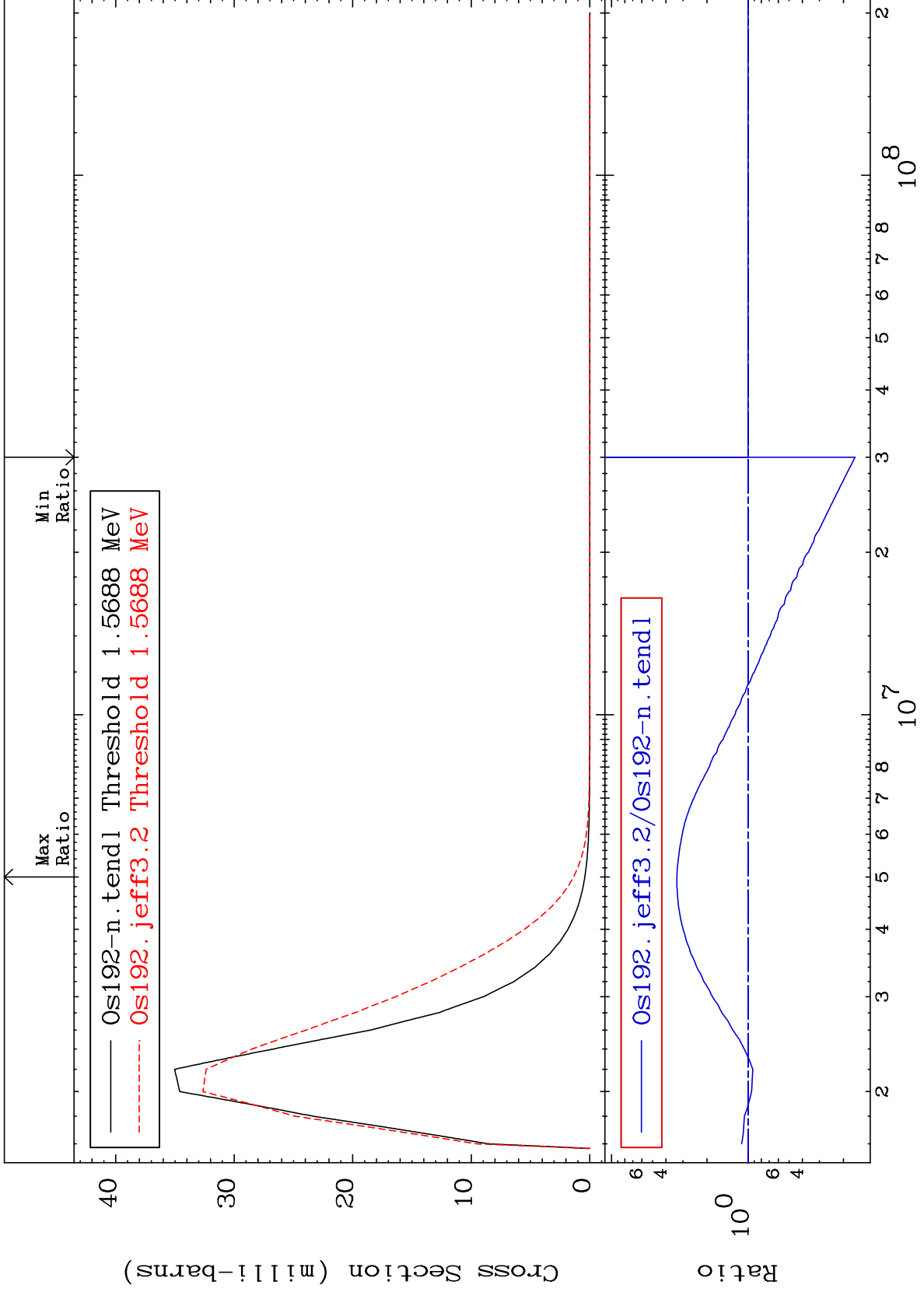
76-0s-192  
-0.685 To 162.4 %



MAT 7649

1.561 MeV (n,n') Level  
Cross Section

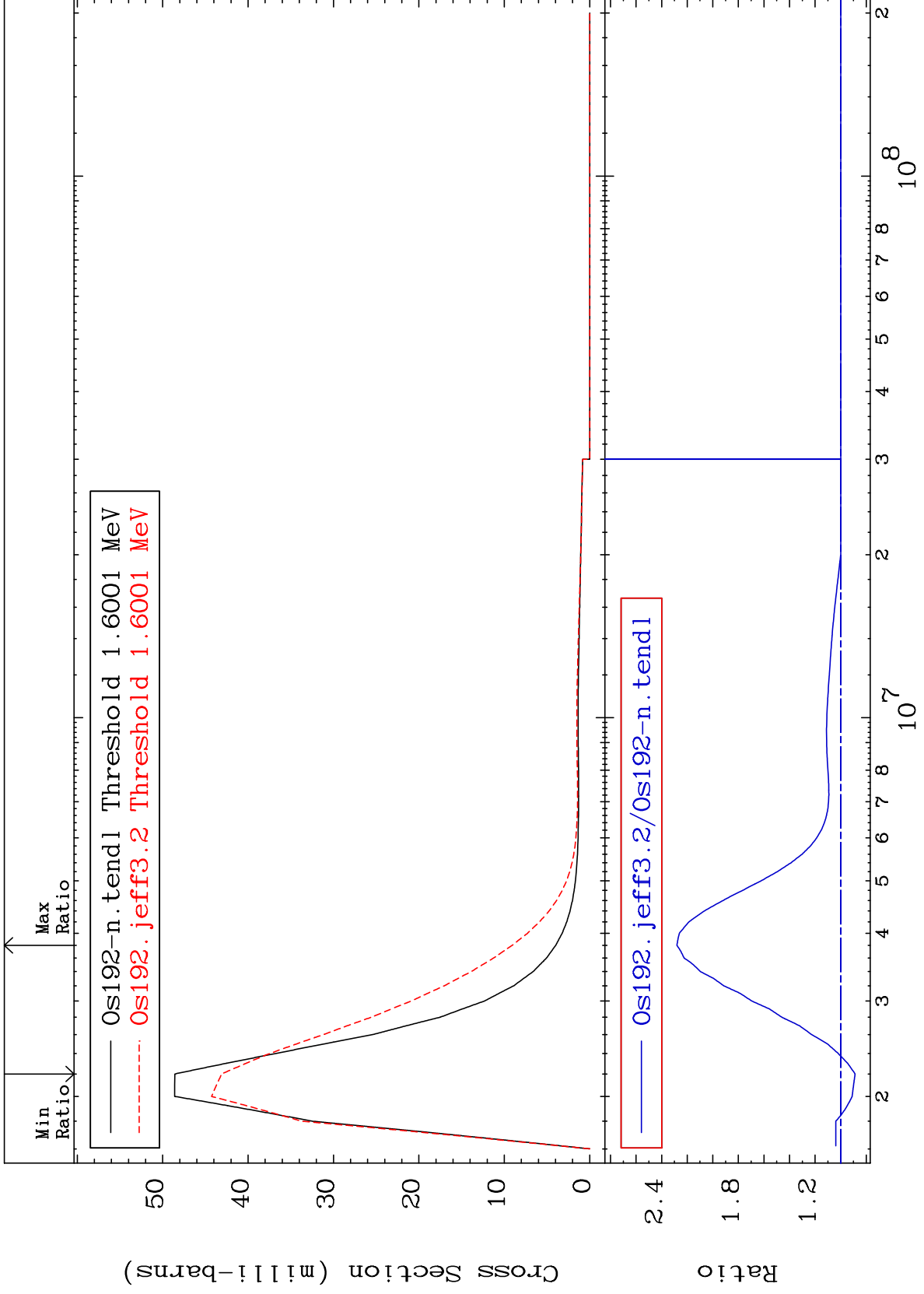
76-0s-192  
-83.54 To 231.9 %



MAT 7649

1.592 MeV (n,n') Level  
Cross Section

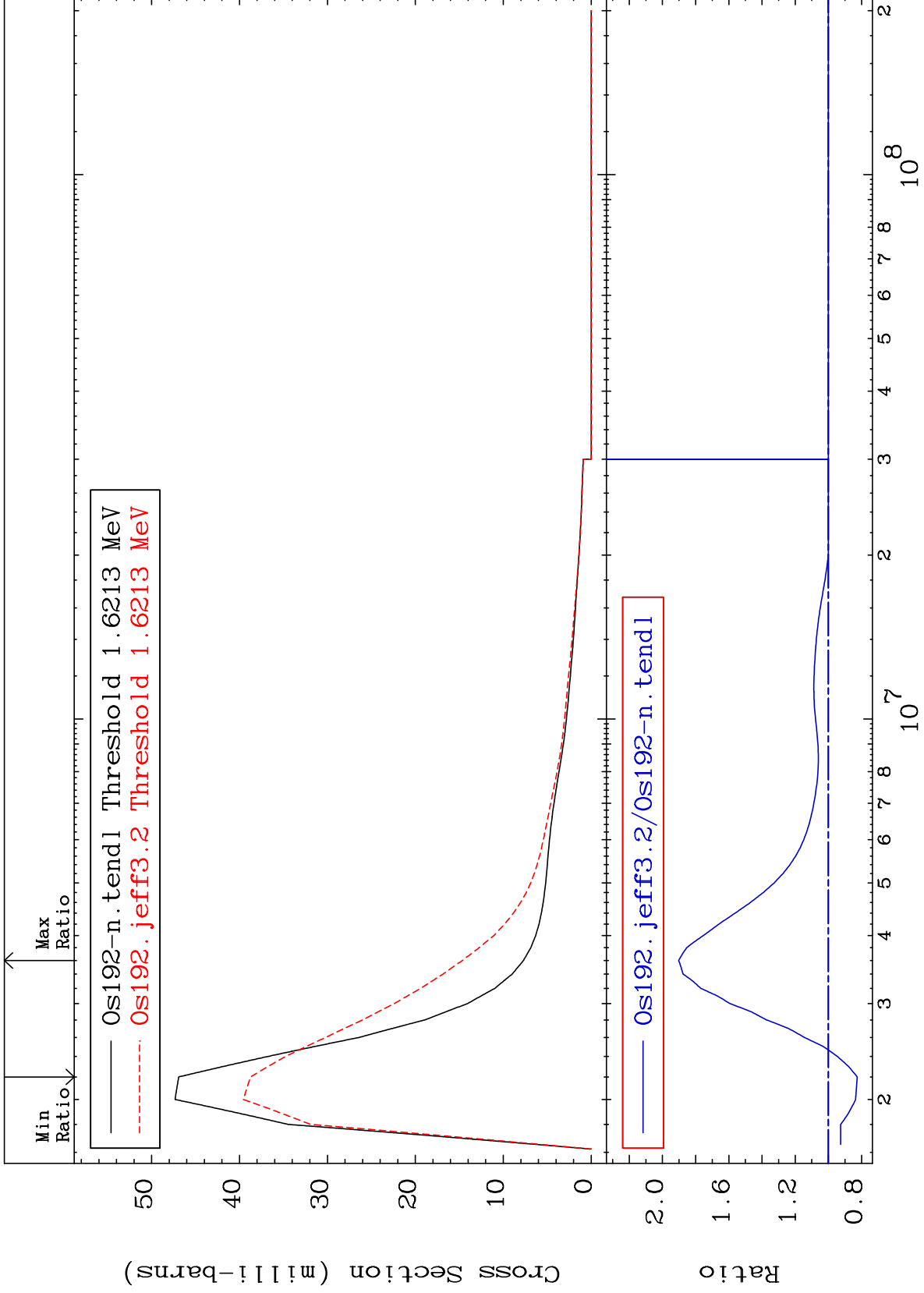
76-0s-192  
-11.26 To 128.0 %



MAT 7649

1.613 MeV (n,n') Level  
Cross Section

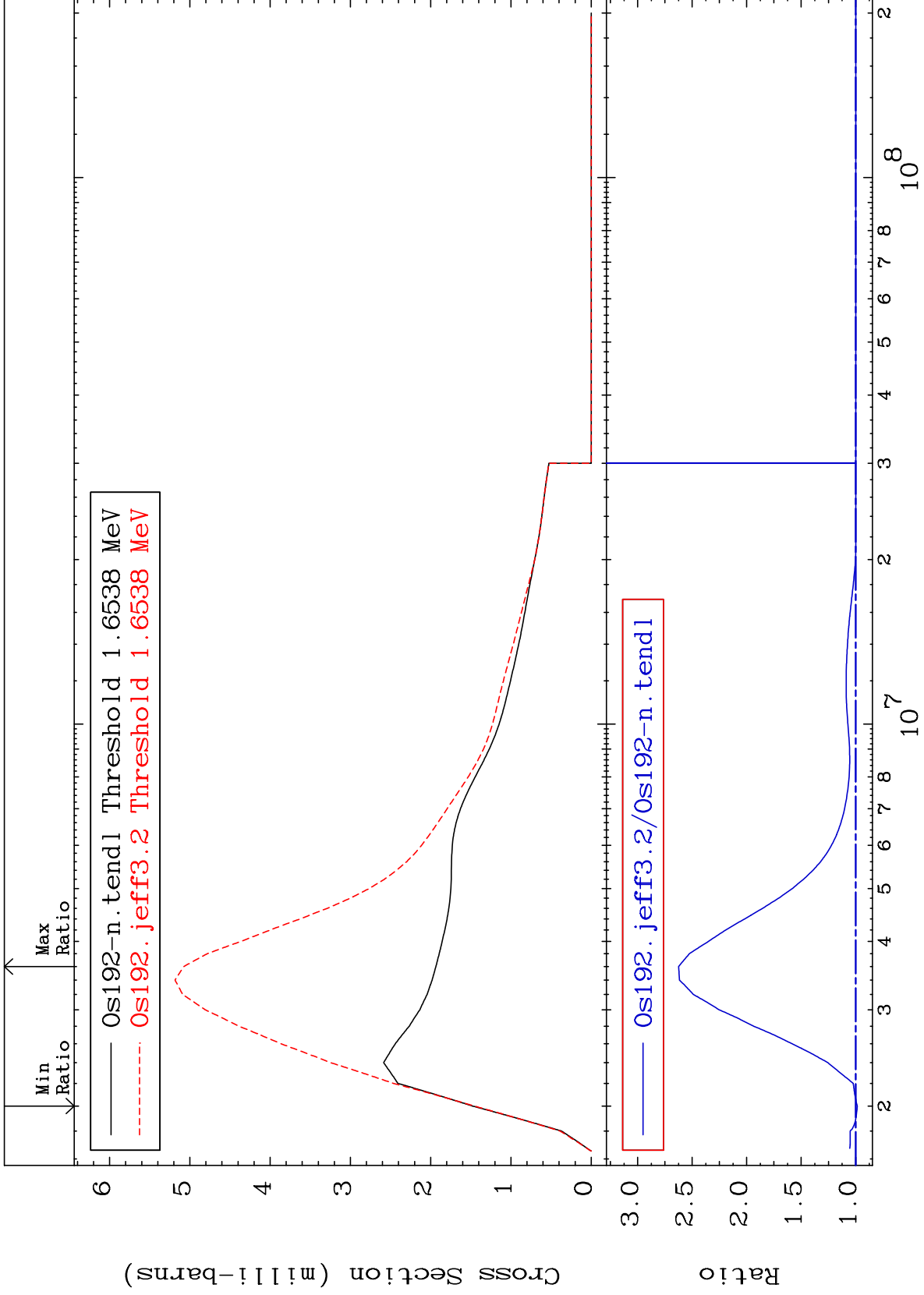
76-0s-192  
-17.41 To 90.25 %



MAT 7649

1.645 MeV (n,n') Level  
Cross Section

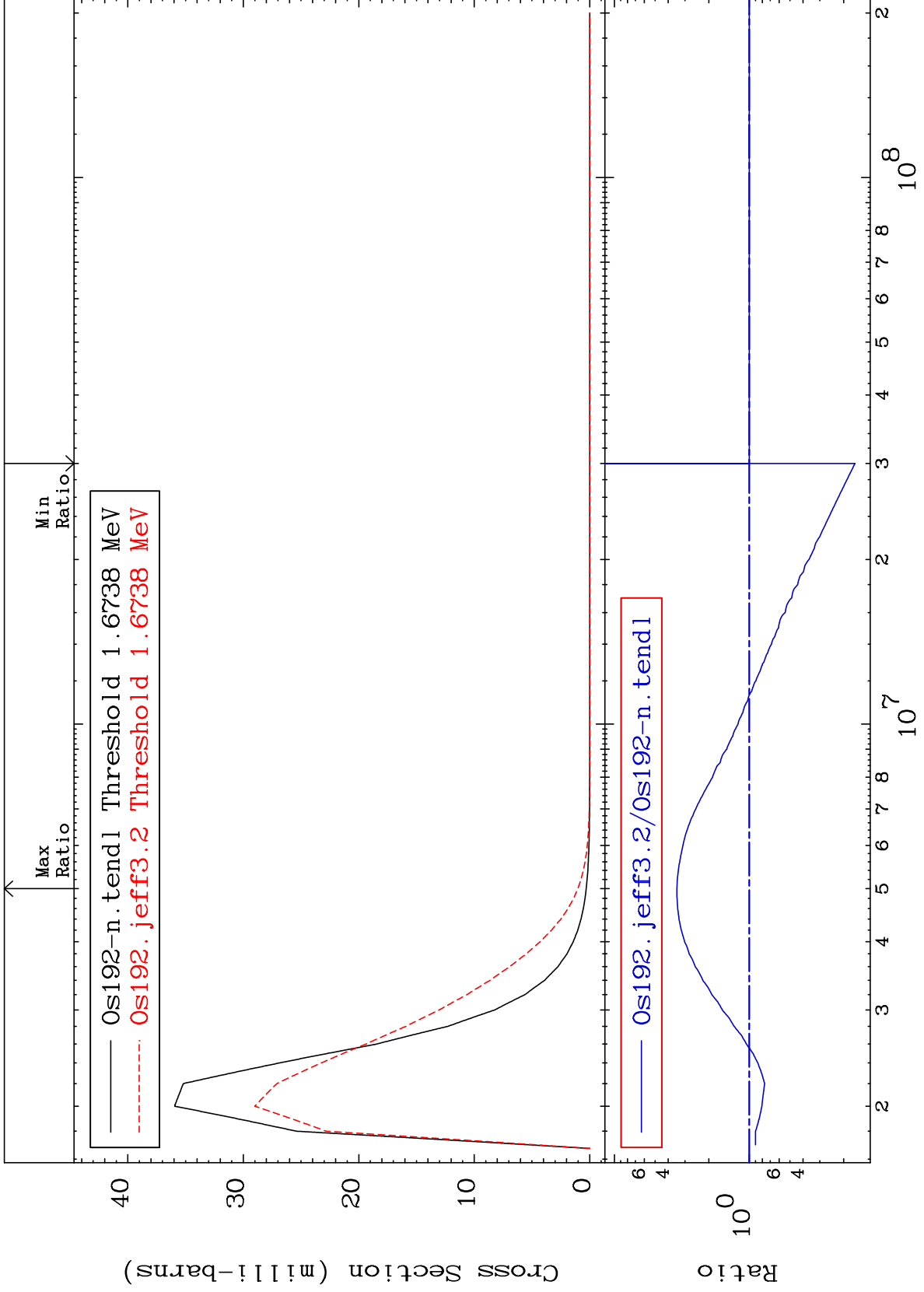
76-0s-192  
-1.425 To 162.4 %



MAT 7649

1.665 MeV (n,n') Level  
Cross Section

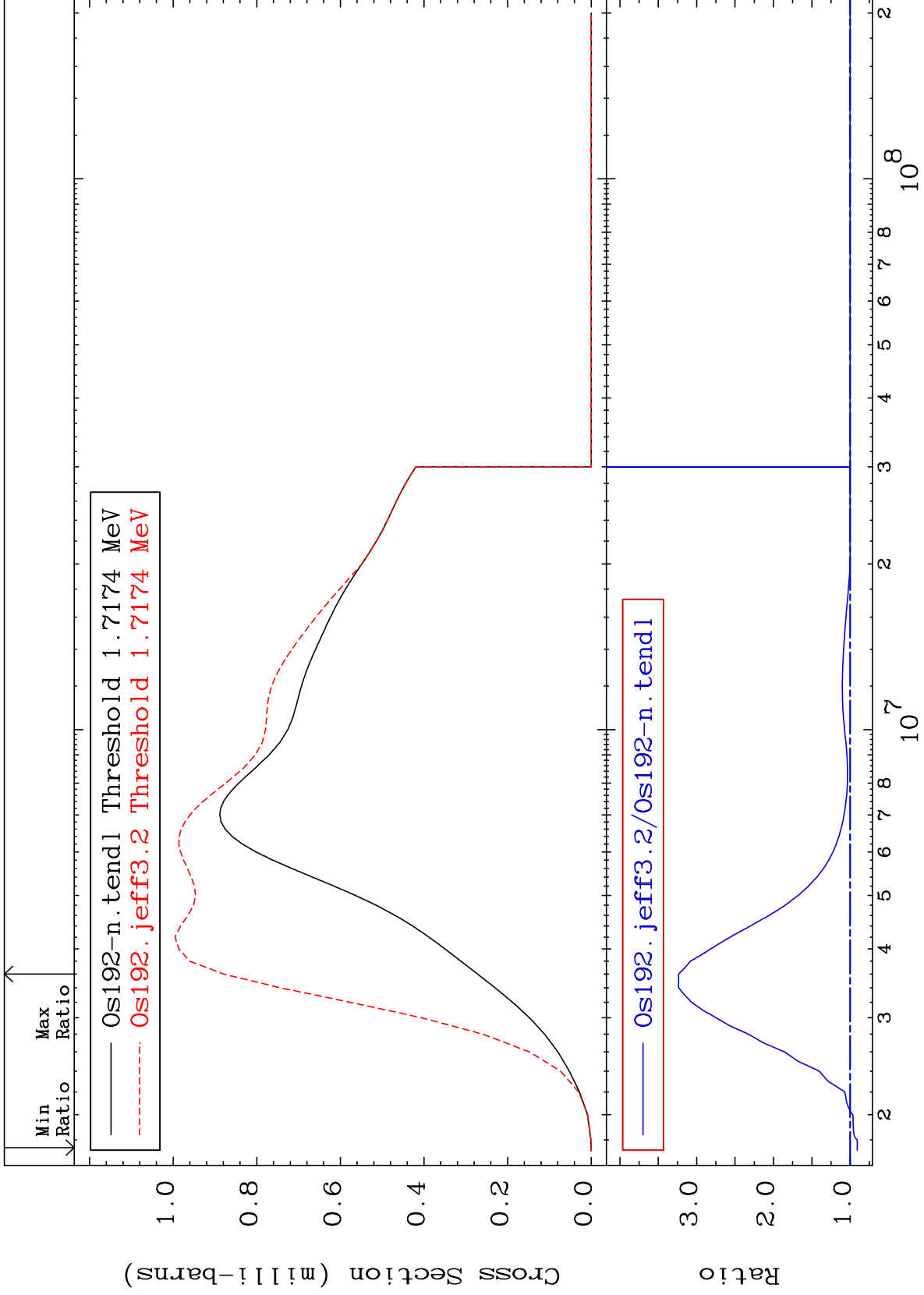
76-0s-192  
-83.57 To 244.3 %



MAT 7649

1.708 MeV (n,n') Level  
Cross Section

76-0s-192  
-9.163 To 223.5 %

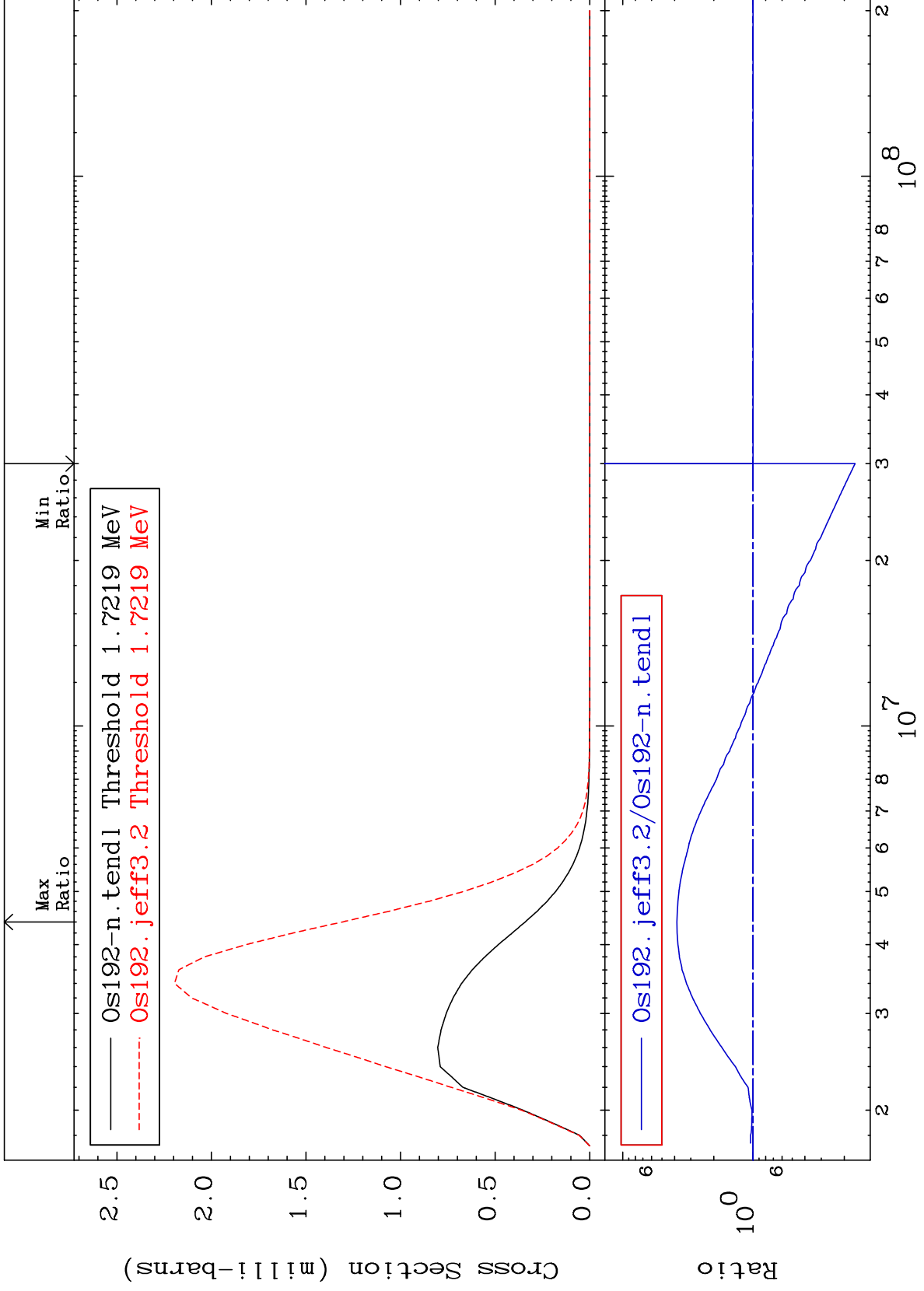




MAT 7649

1.713 MeV (n,n') Level  
Cross Section

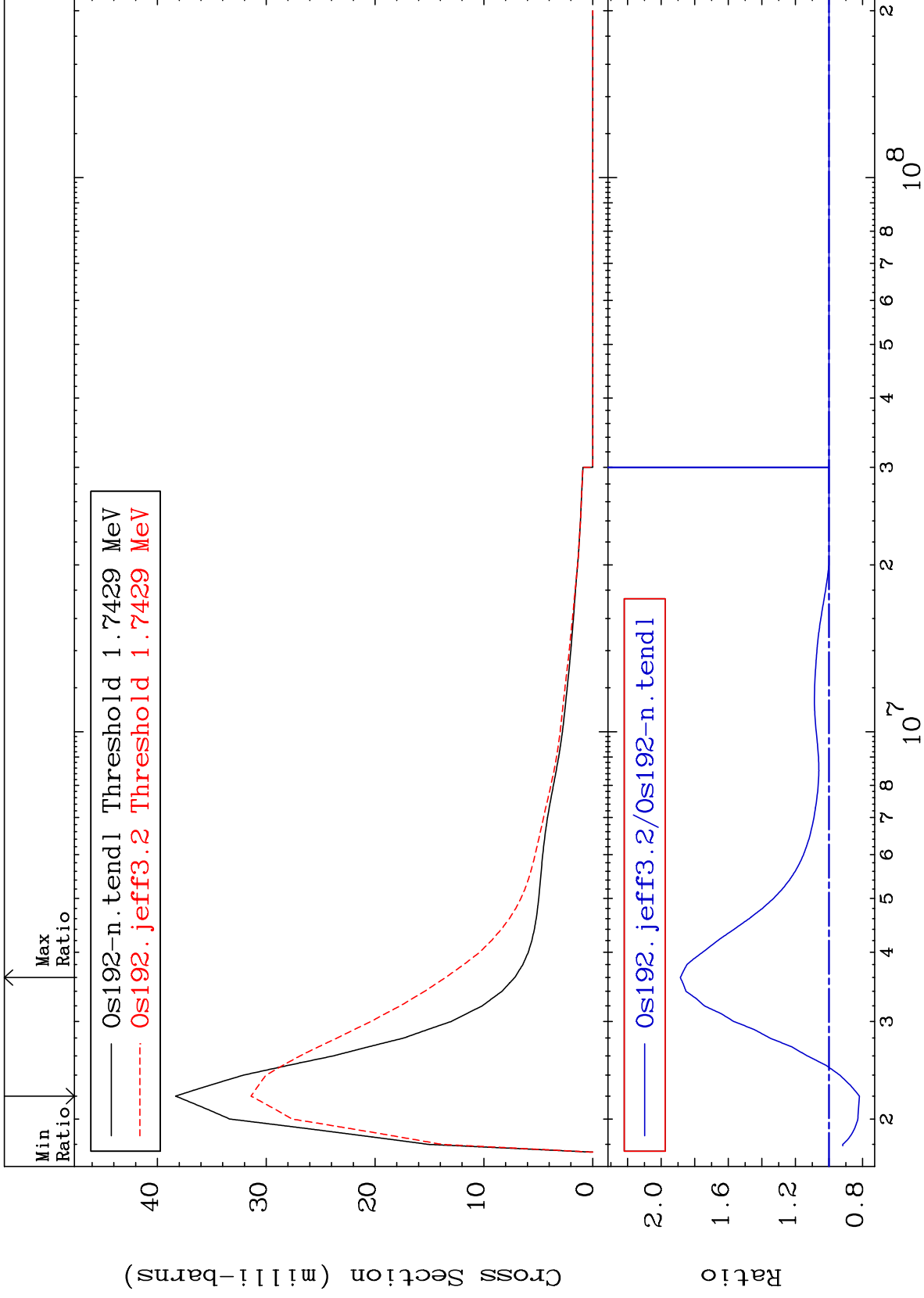
76-0s-192  
-83.50 To 283.7 %



MAT 7649

1.734 MeV (n,n') Level  
Cross Section

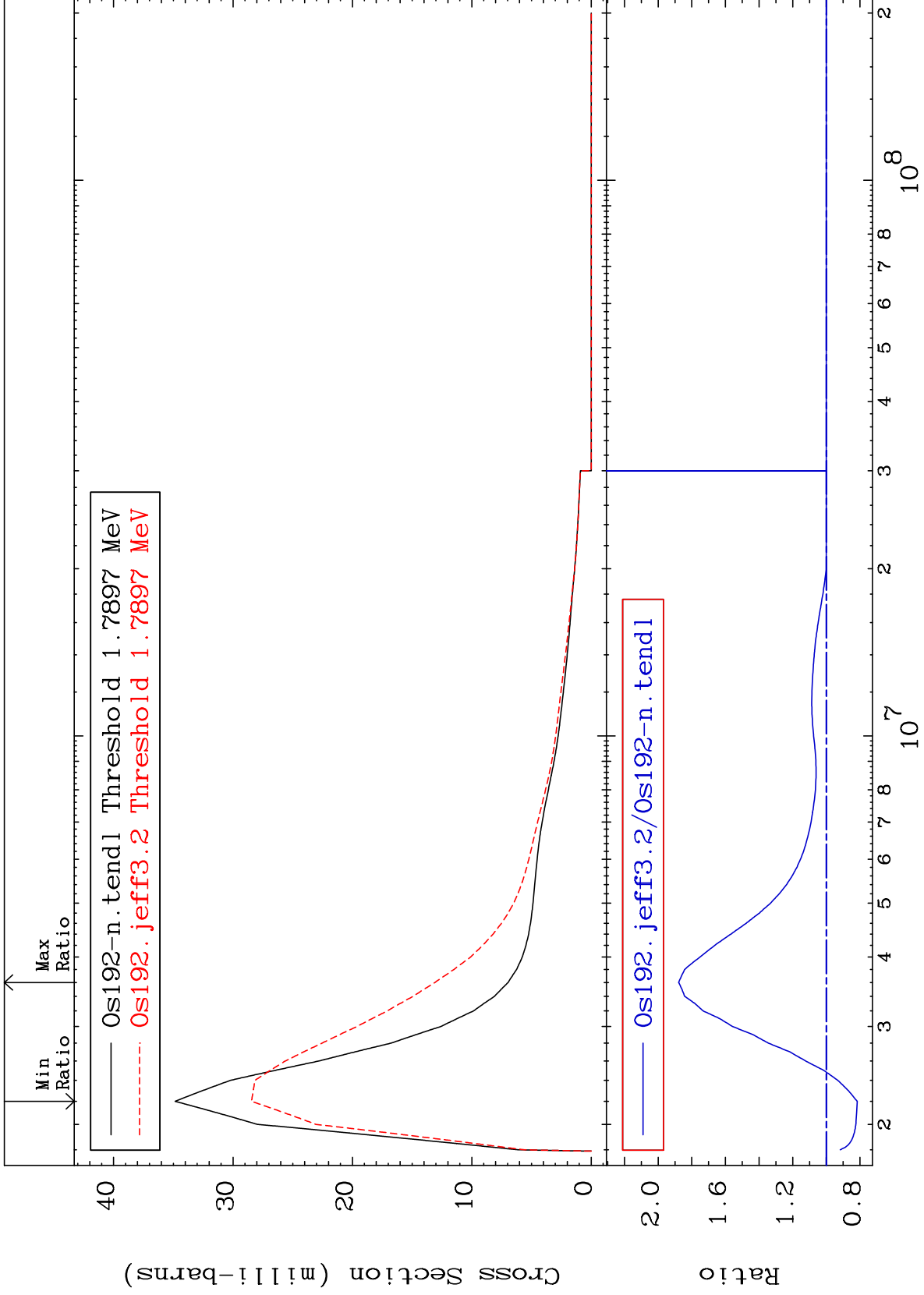
76-0s-192  
-18.11 To 88.55 %



MAT 7649

1.780 MeV (n,n') Level  
Cross Section

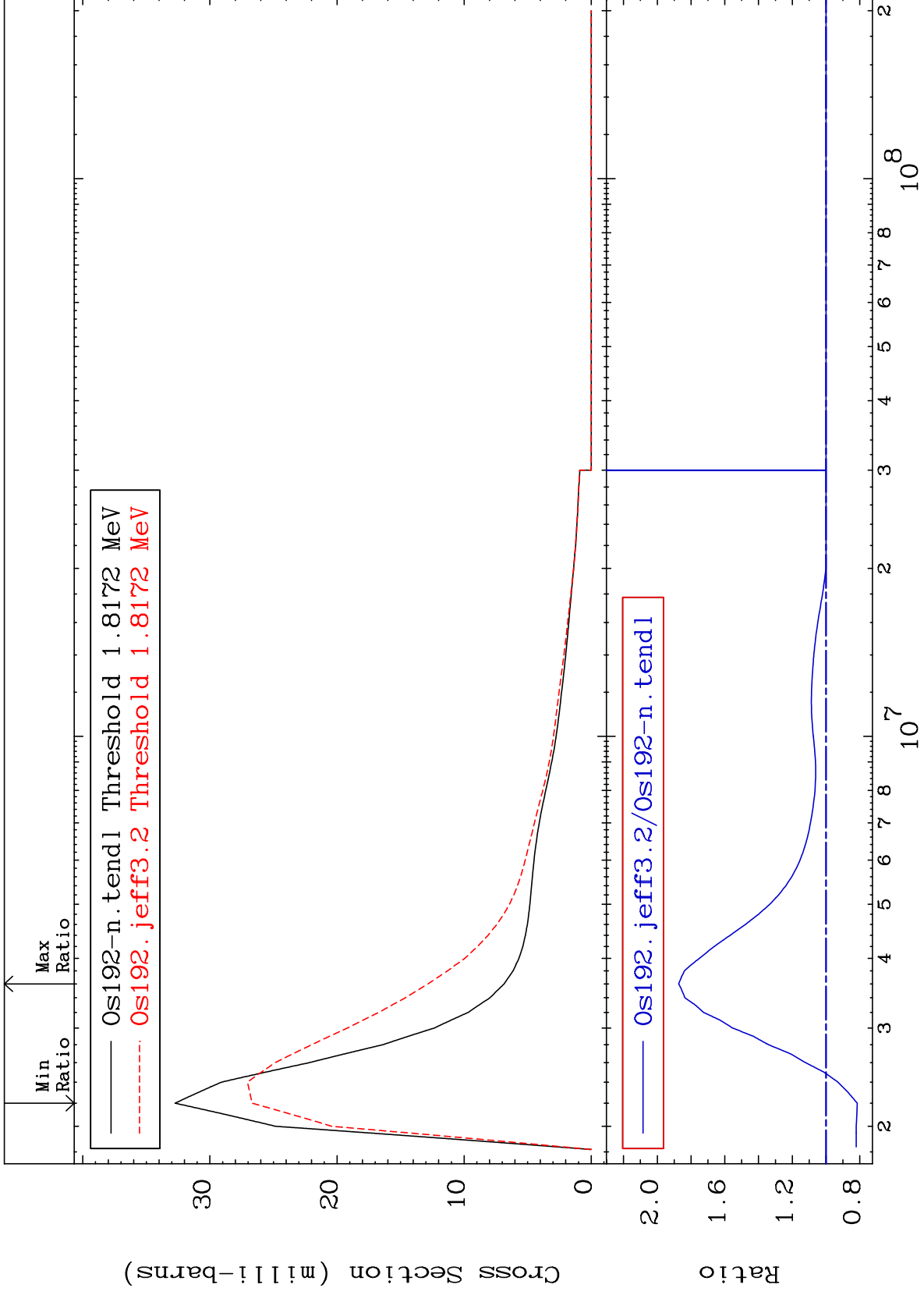
76-0s-192  
-18.37 To 87.81 %



MAT 7649

1.808 MeV (n,n') Level  
Cross Section

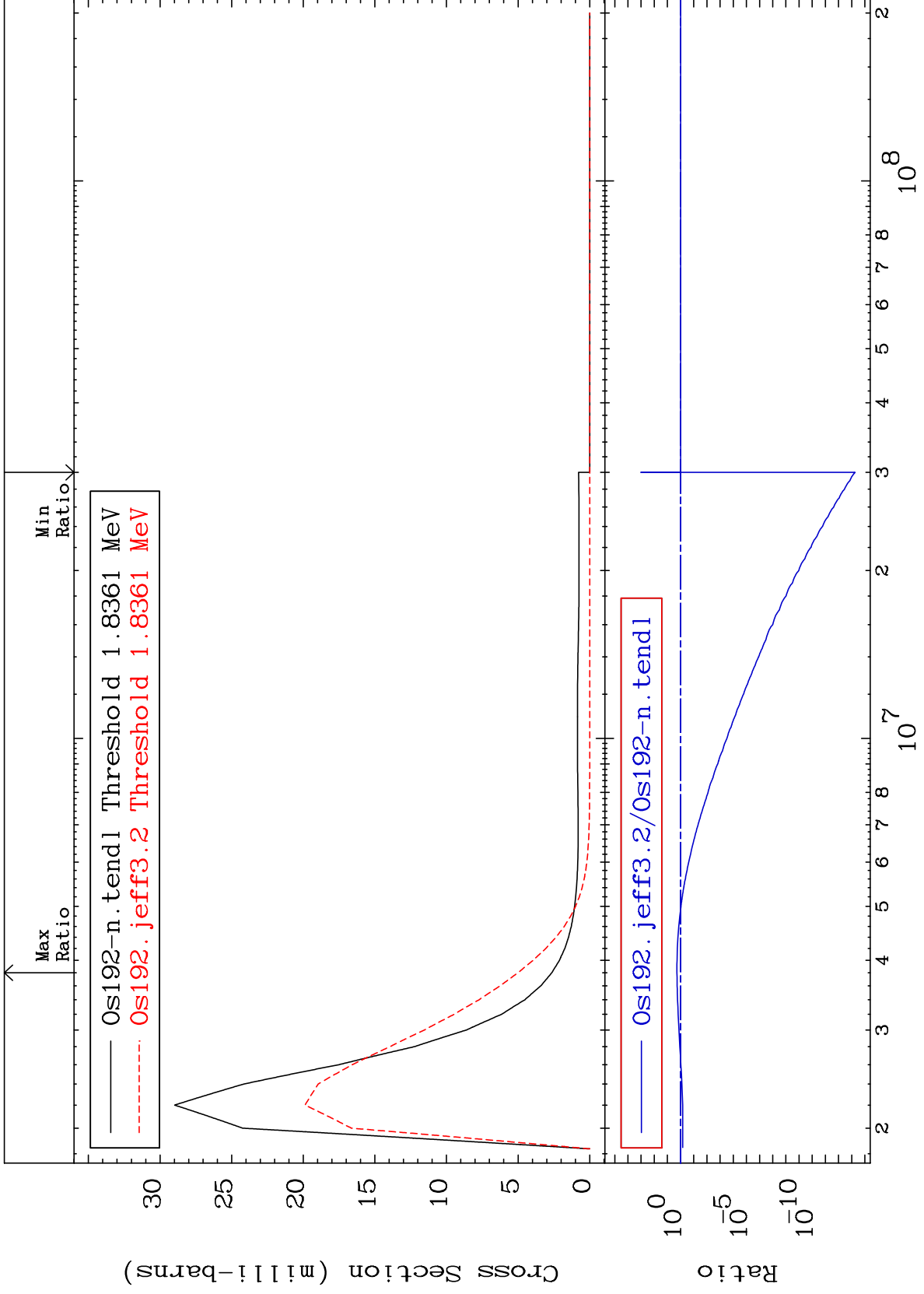
76-0s-192  
-18.51 To 87.35 %



MAT 7649

1.827 MeV (n,n') Level  
Cross Section

76-0s-192  
-100.0 To 89.24 %



45

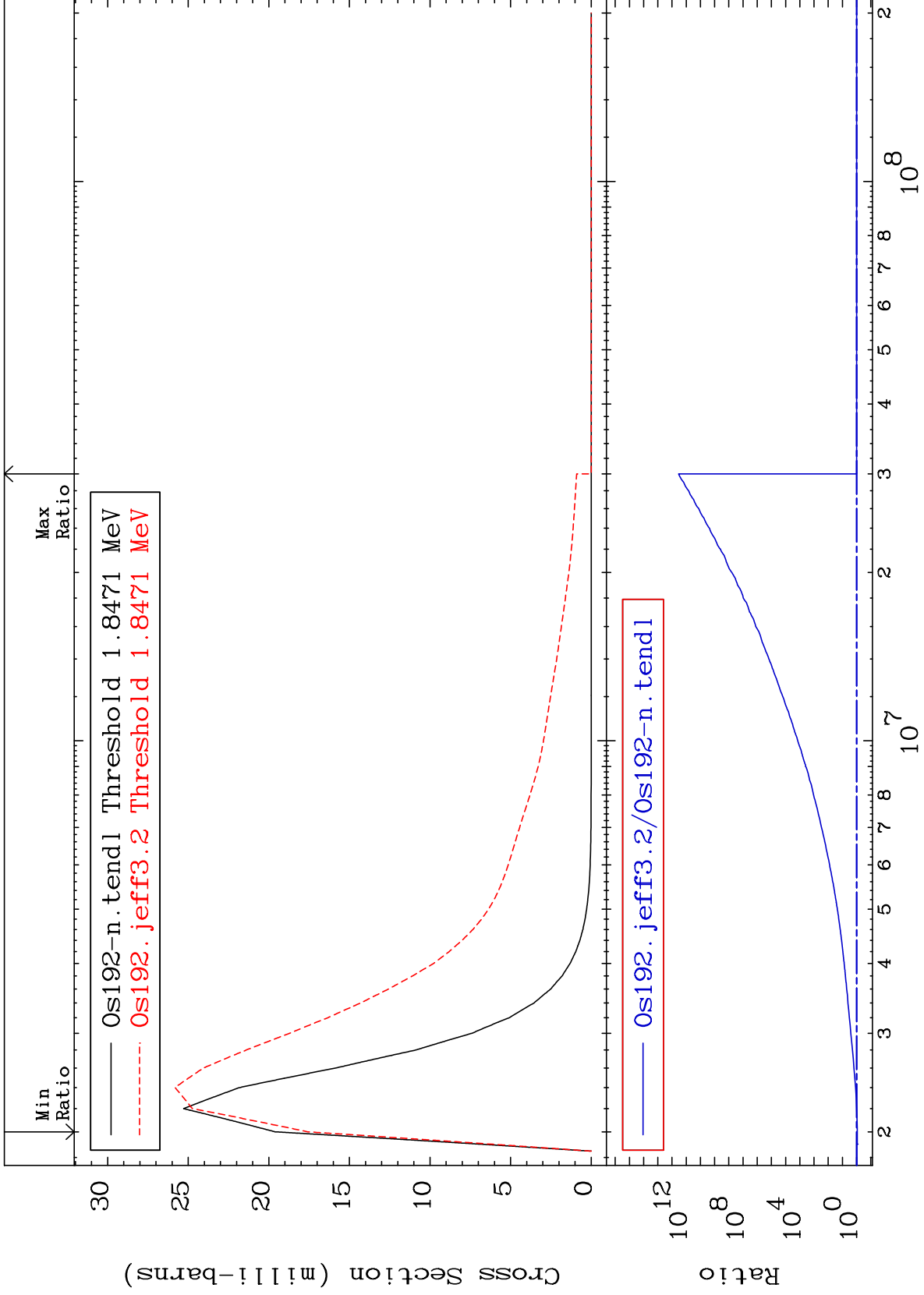
Incident Energy (eV)

76-0s-192

MAT 7649

1.837 MeV (n,n') Level  
Cross Section

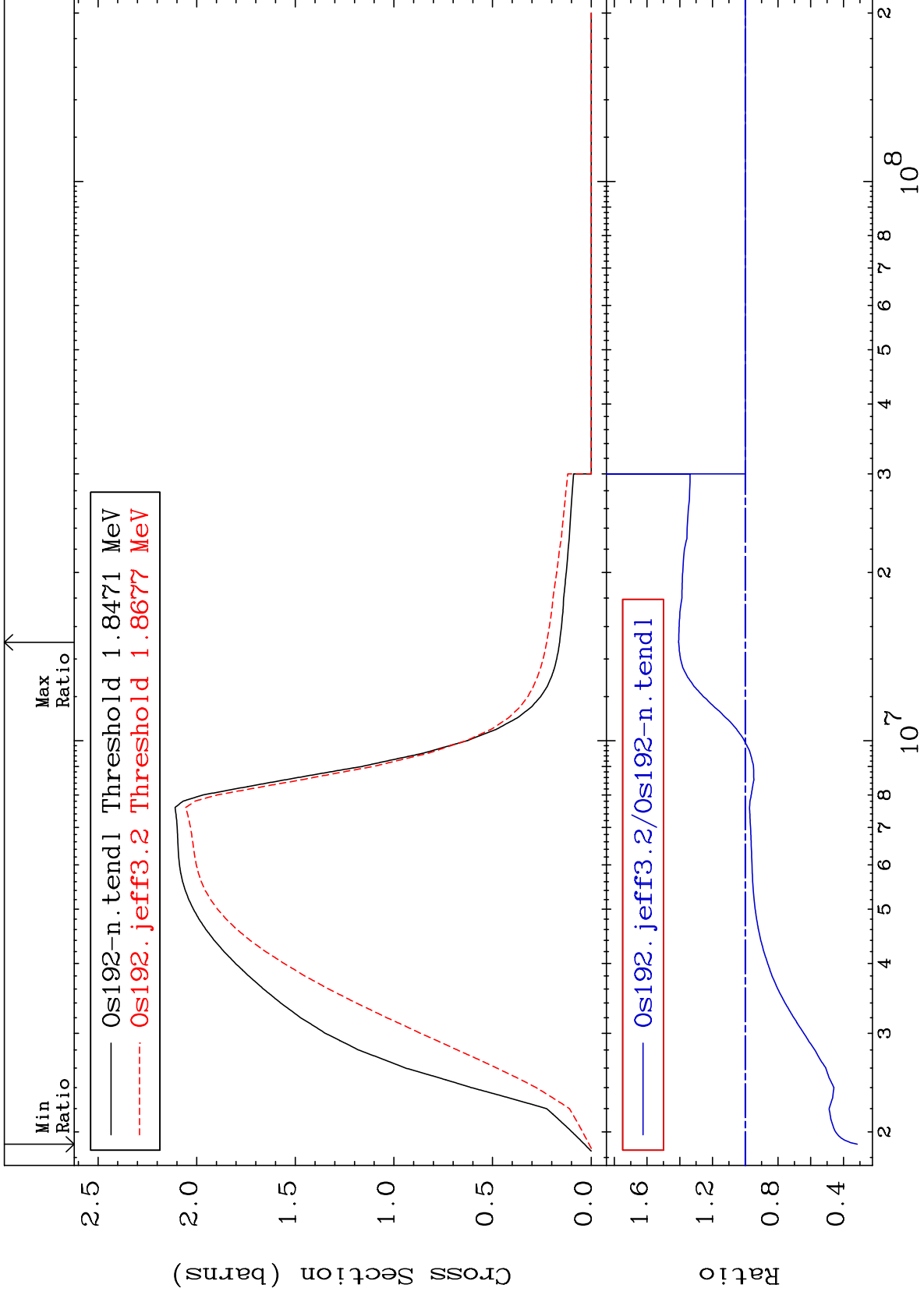
76-0s-192  
-10.38 To 9999. %



MAT 7649

(n, n') Continuum  
Cross Section

76-0s-192  
-68.41 To 40.70 %

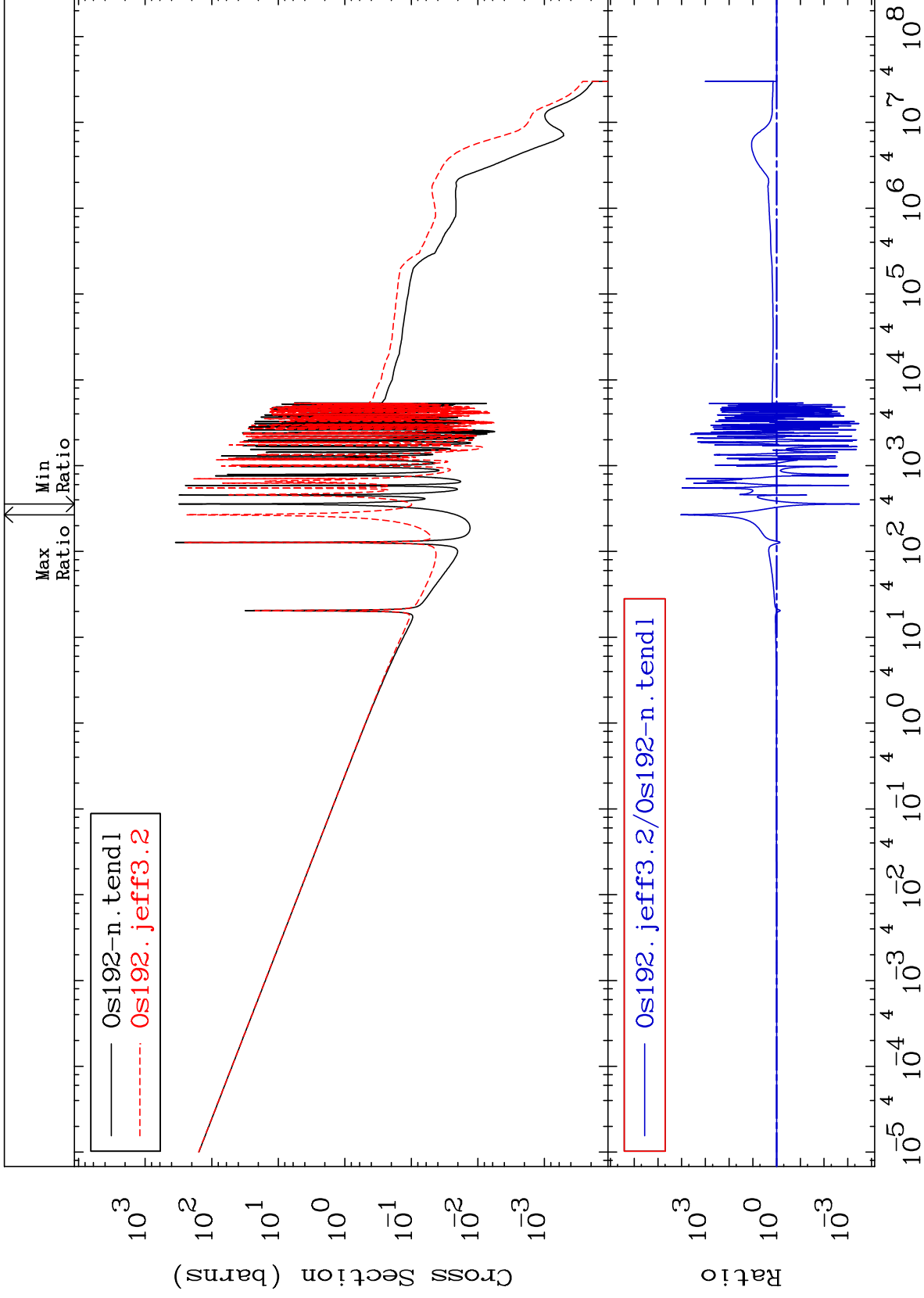


MAT 7649

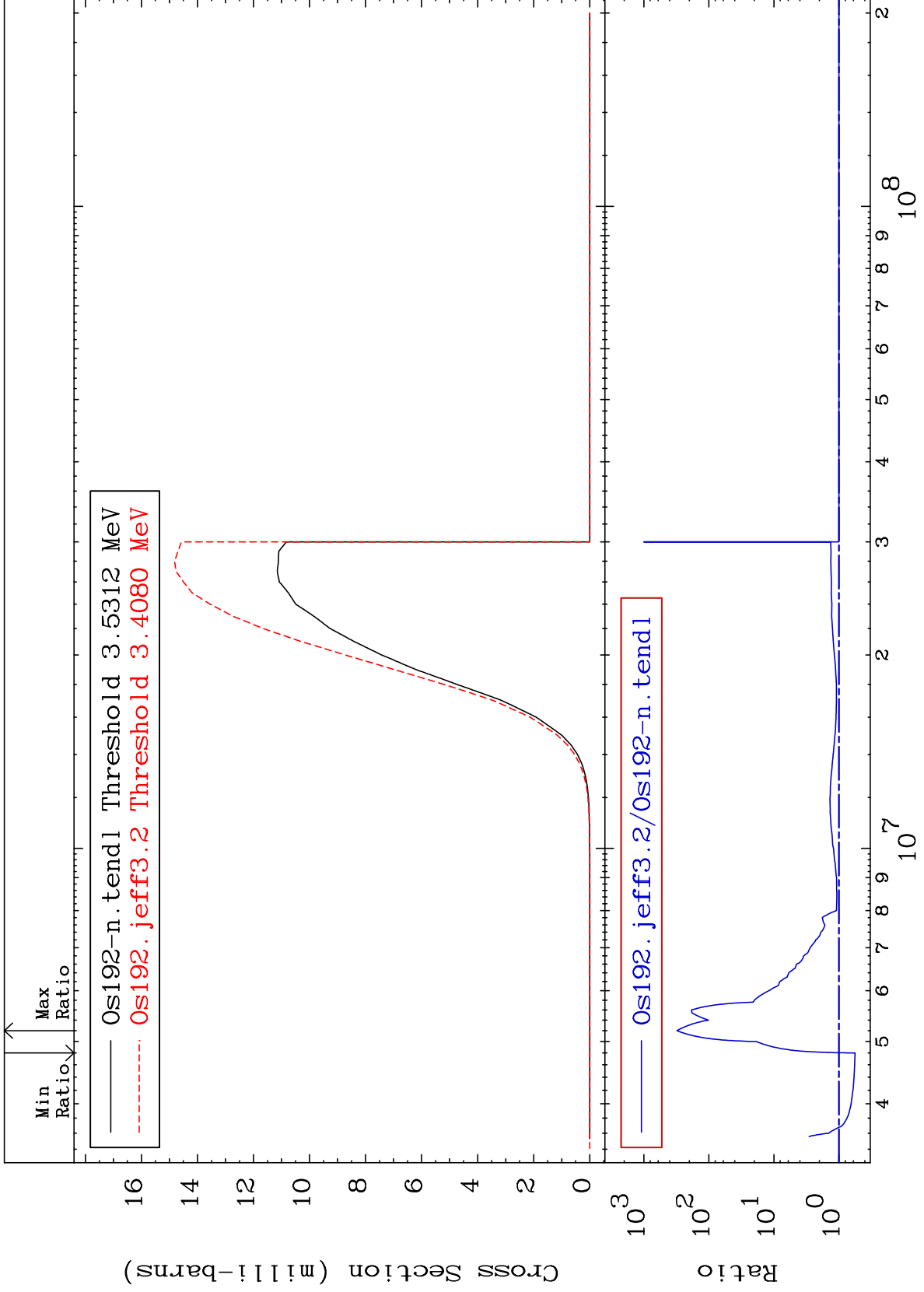
(n,  $\gamma$ )

76-0s-192  
-99.97 To 9999. %

Cross Section







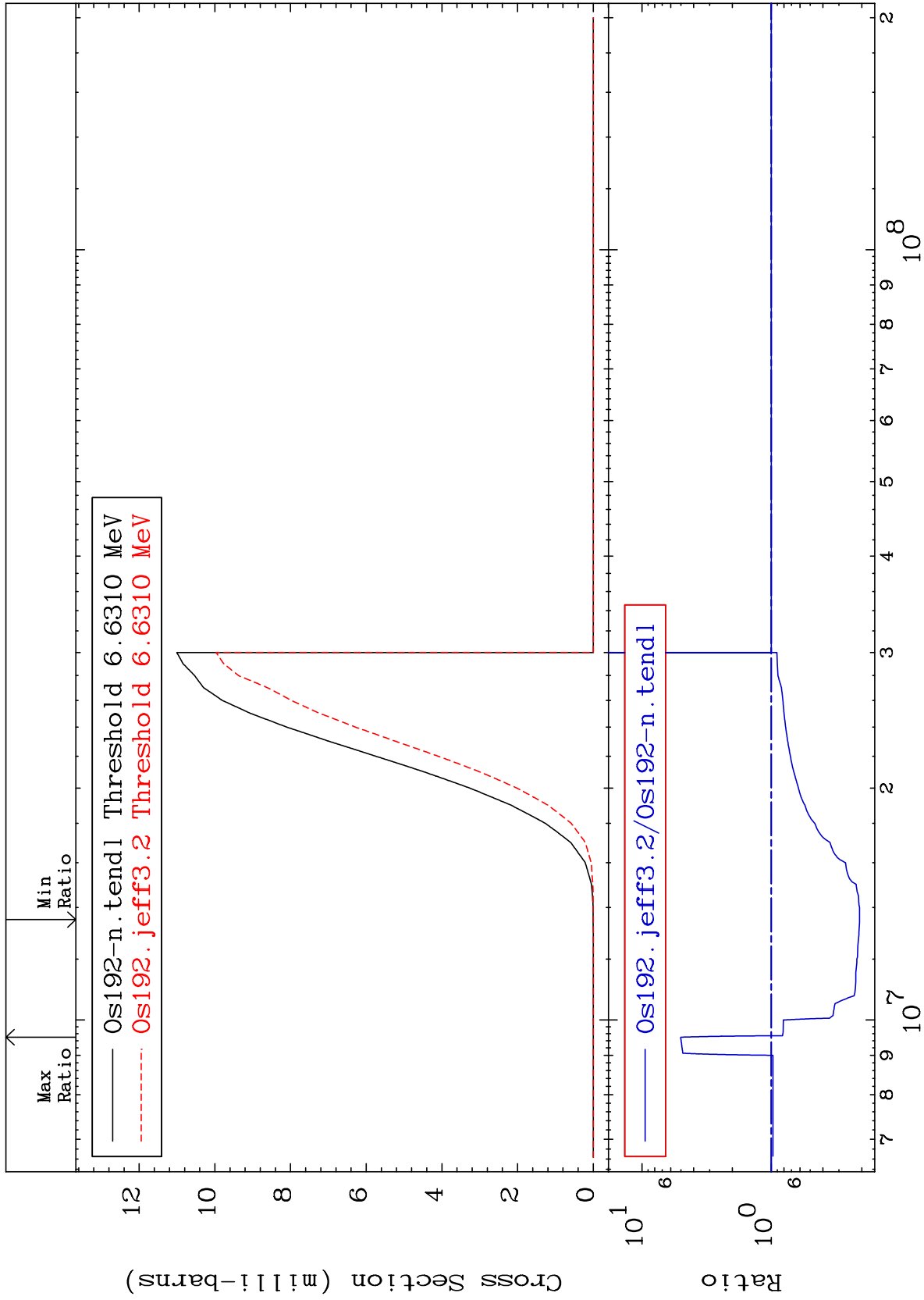
MAT 7649

(n, d)

76-Os-192

Cross Section

-79.20 To 402.1 %



50

Incident Energy (eV)

76-Os-192

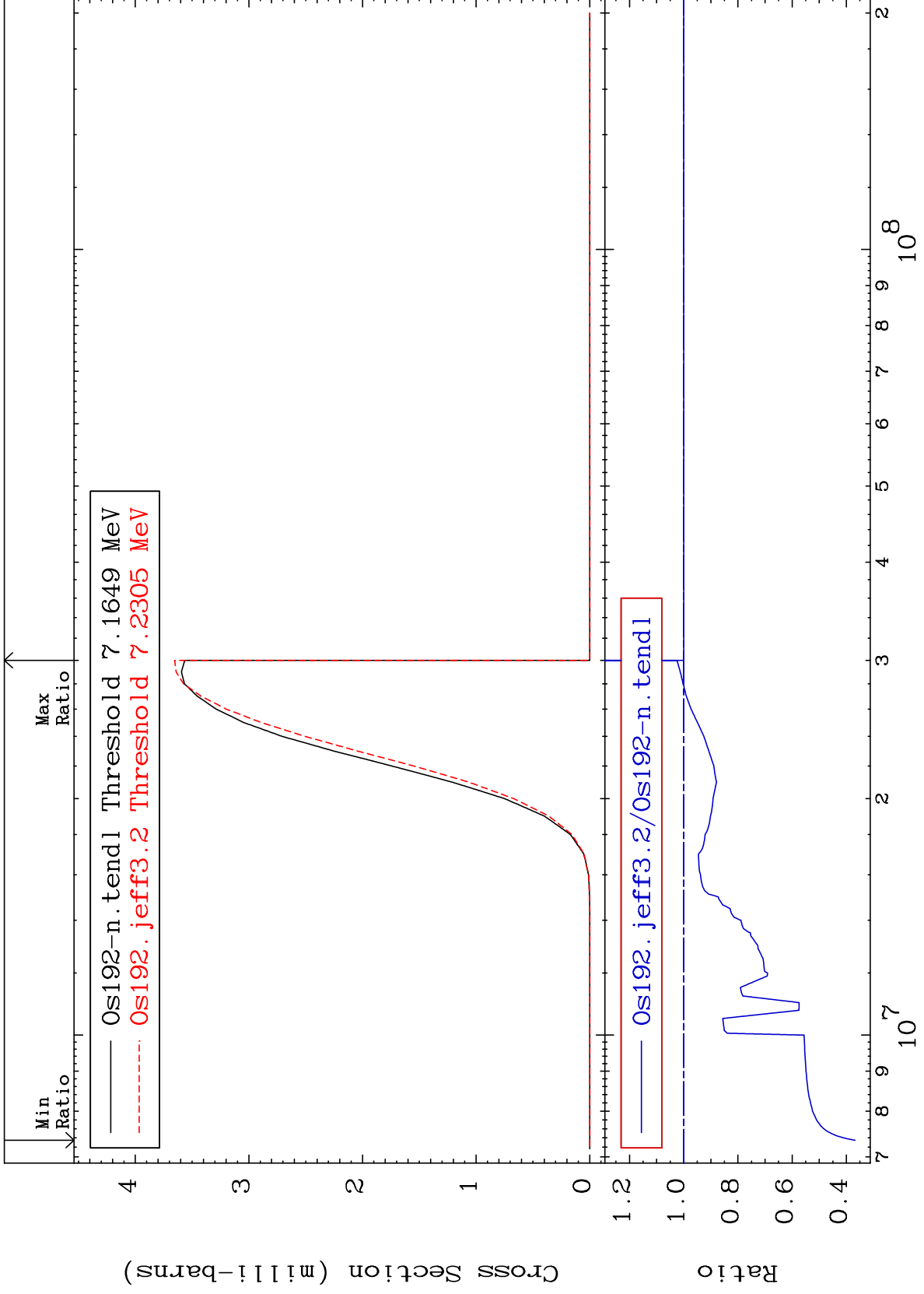
MAT 7649

(n, t)

76-0s-192

Cross Section

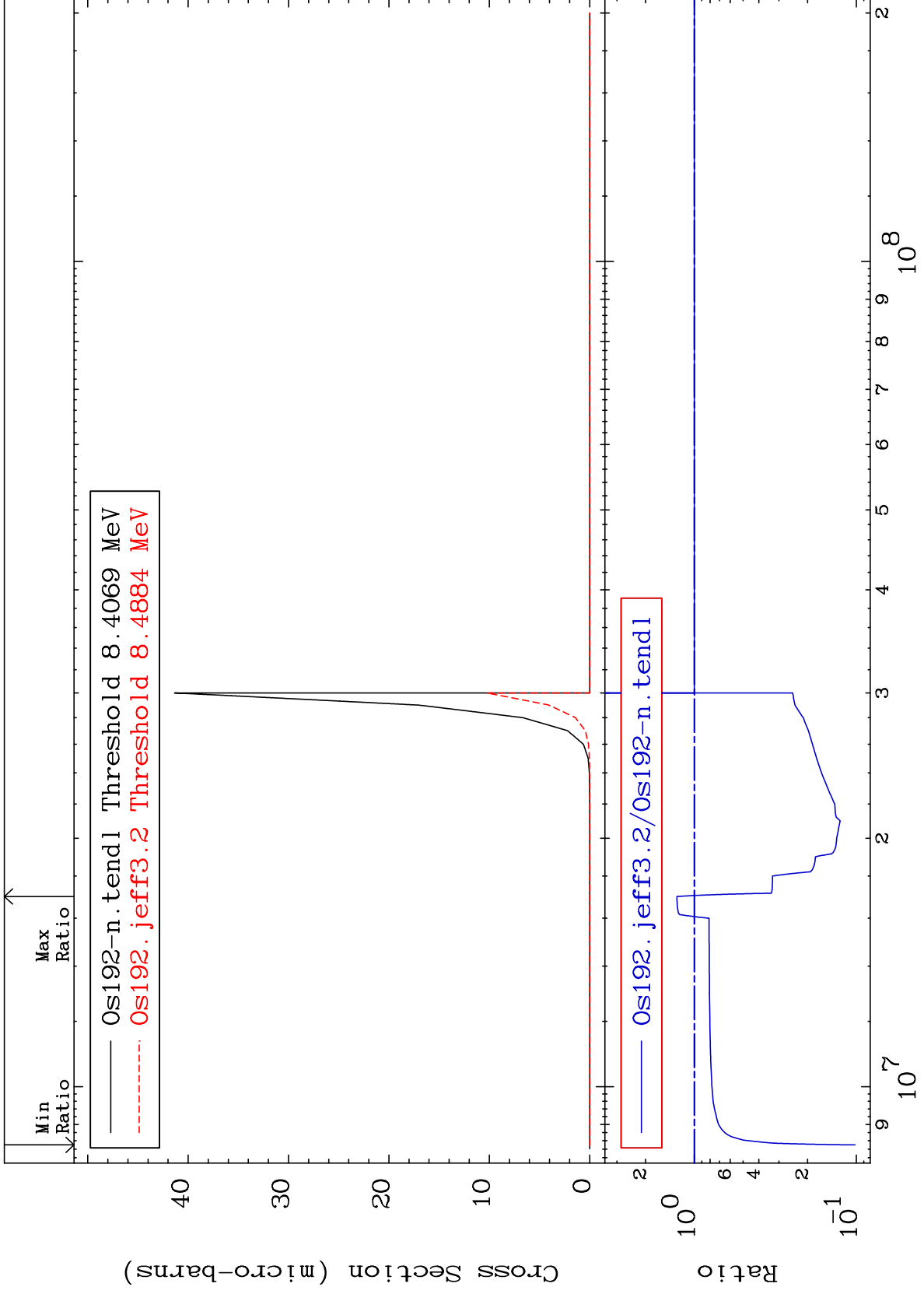
-63.22 To 2.513 %



MAT 7649

(n, He-3)  
Cross Section

76-0s-192  
-89.81 To 27.94 %



52

76-0s-192

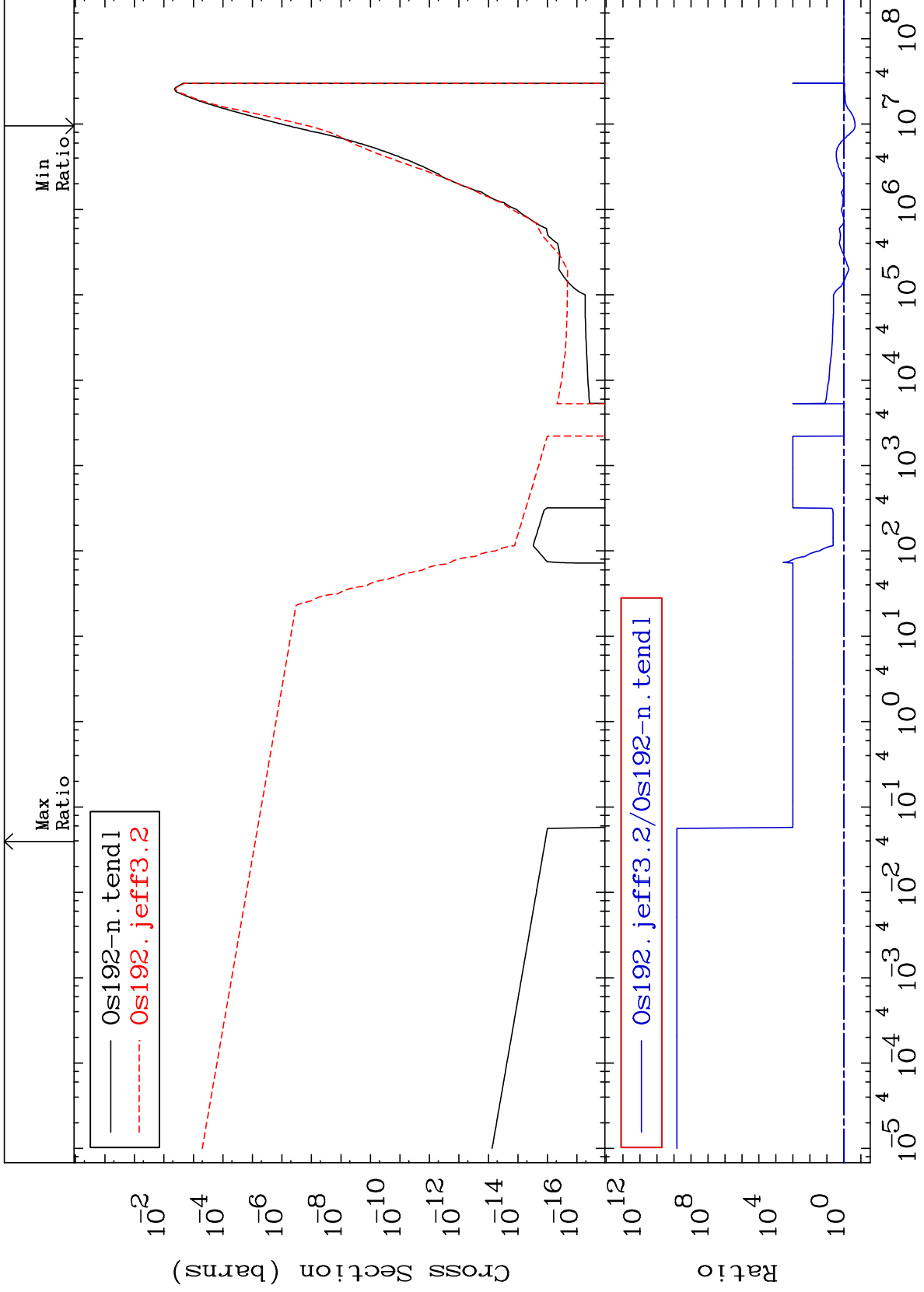
Incident Energy (eV)

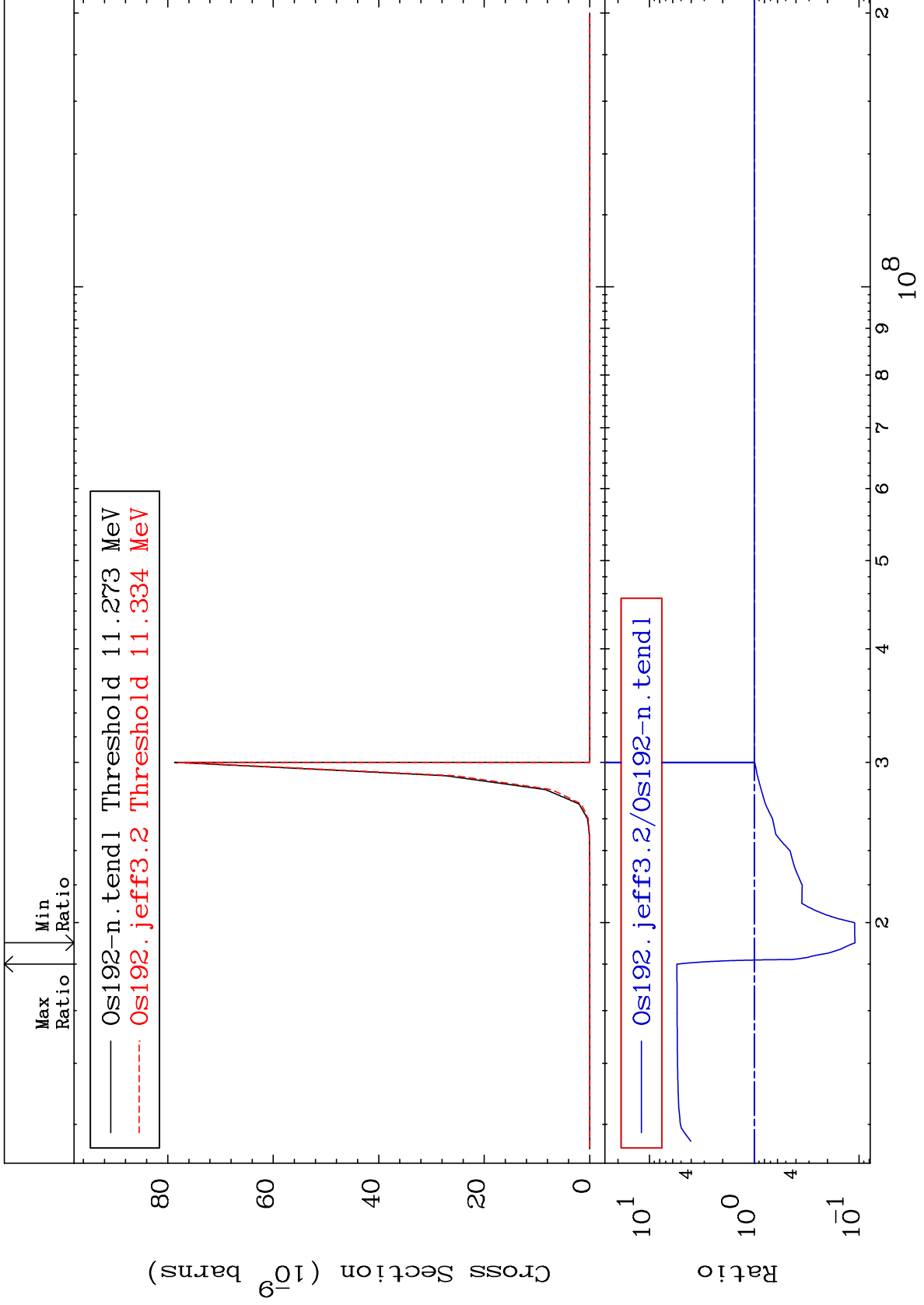
MAT 7649

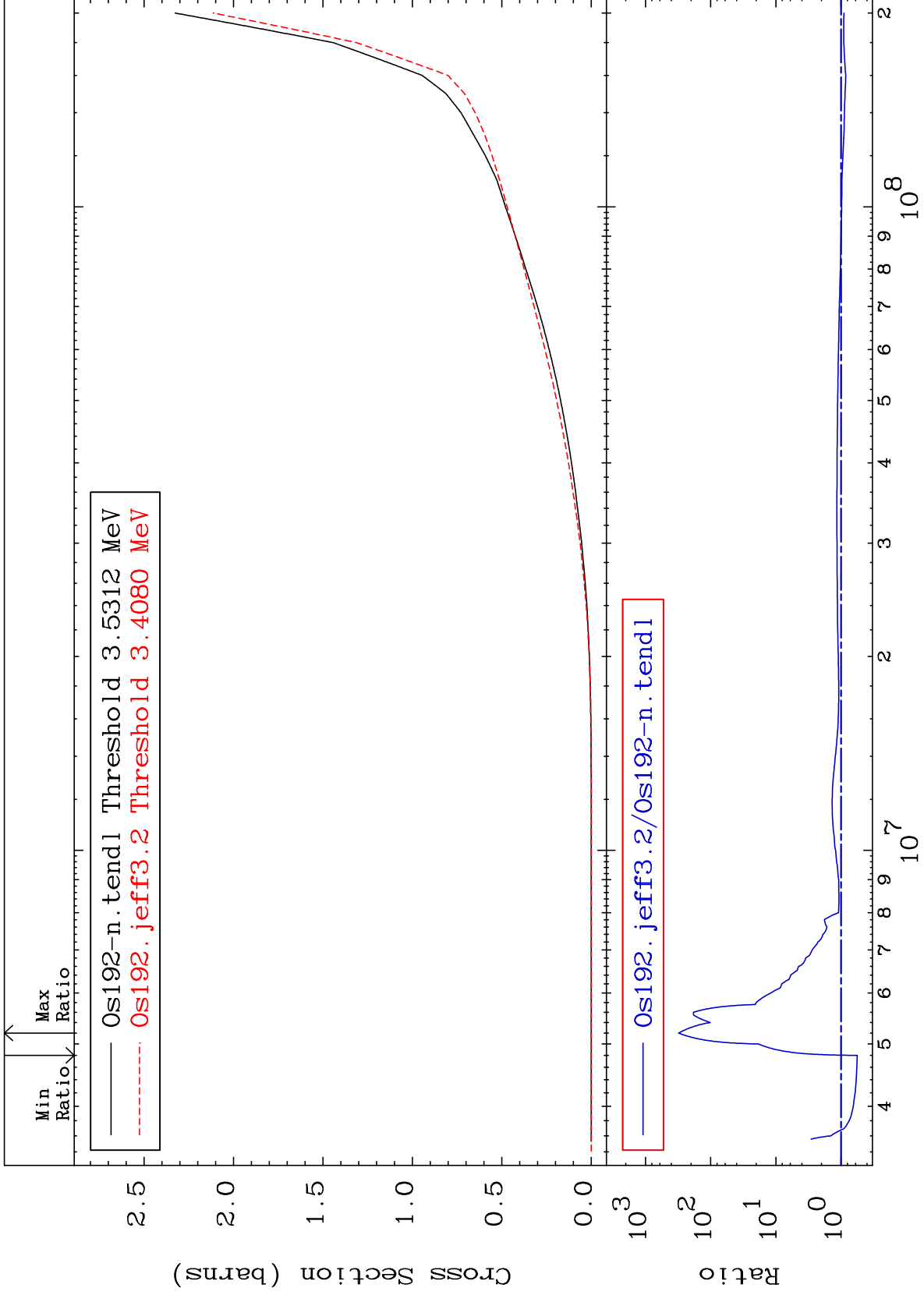
(n,  $\alpha$ )

Cross Section

76-0s-192  
-78.28 To 9999. %



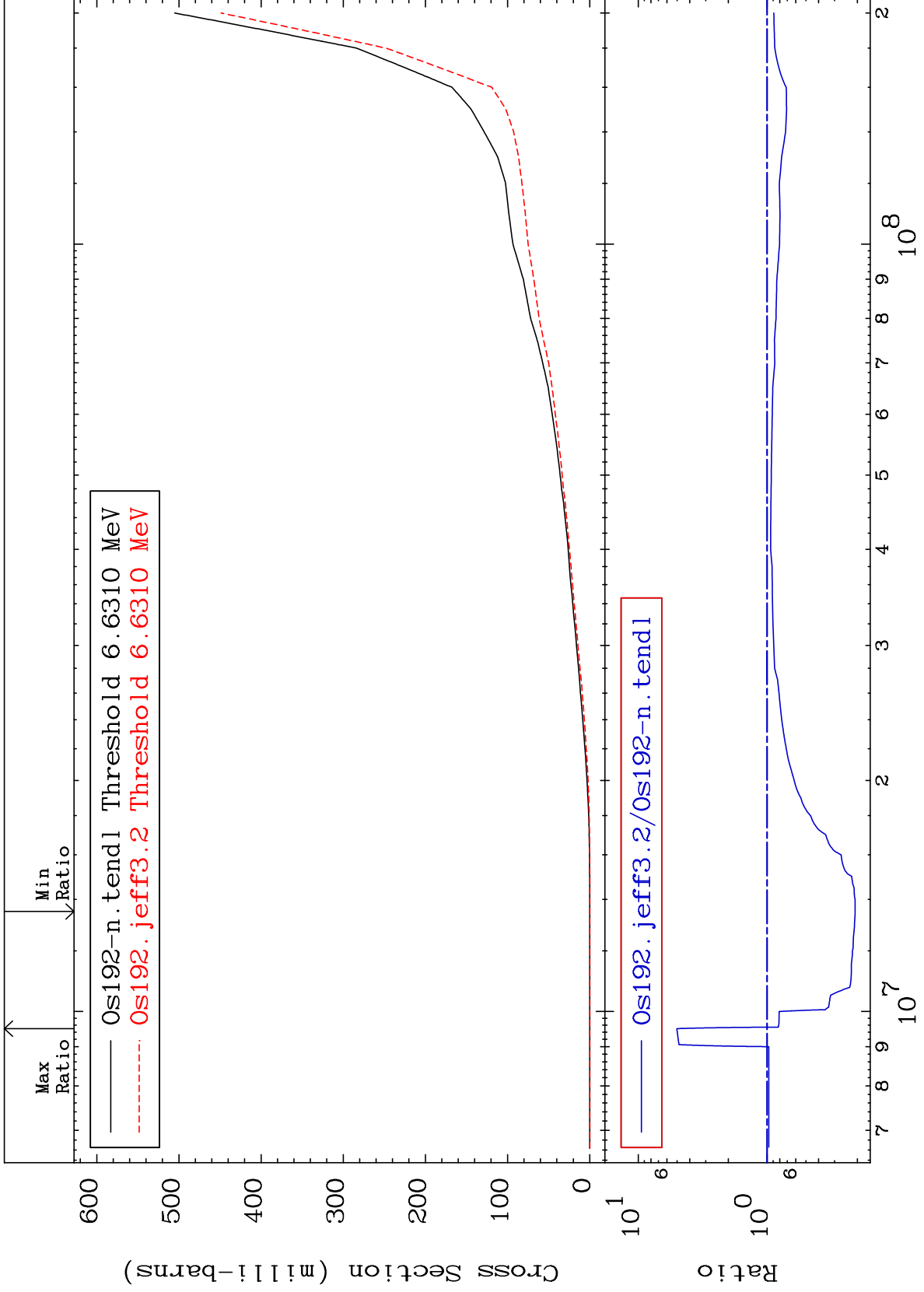




MAT 7649

Deuterium Production  
Cross Section

76-0s-192  
-79.20 To 402.1 %

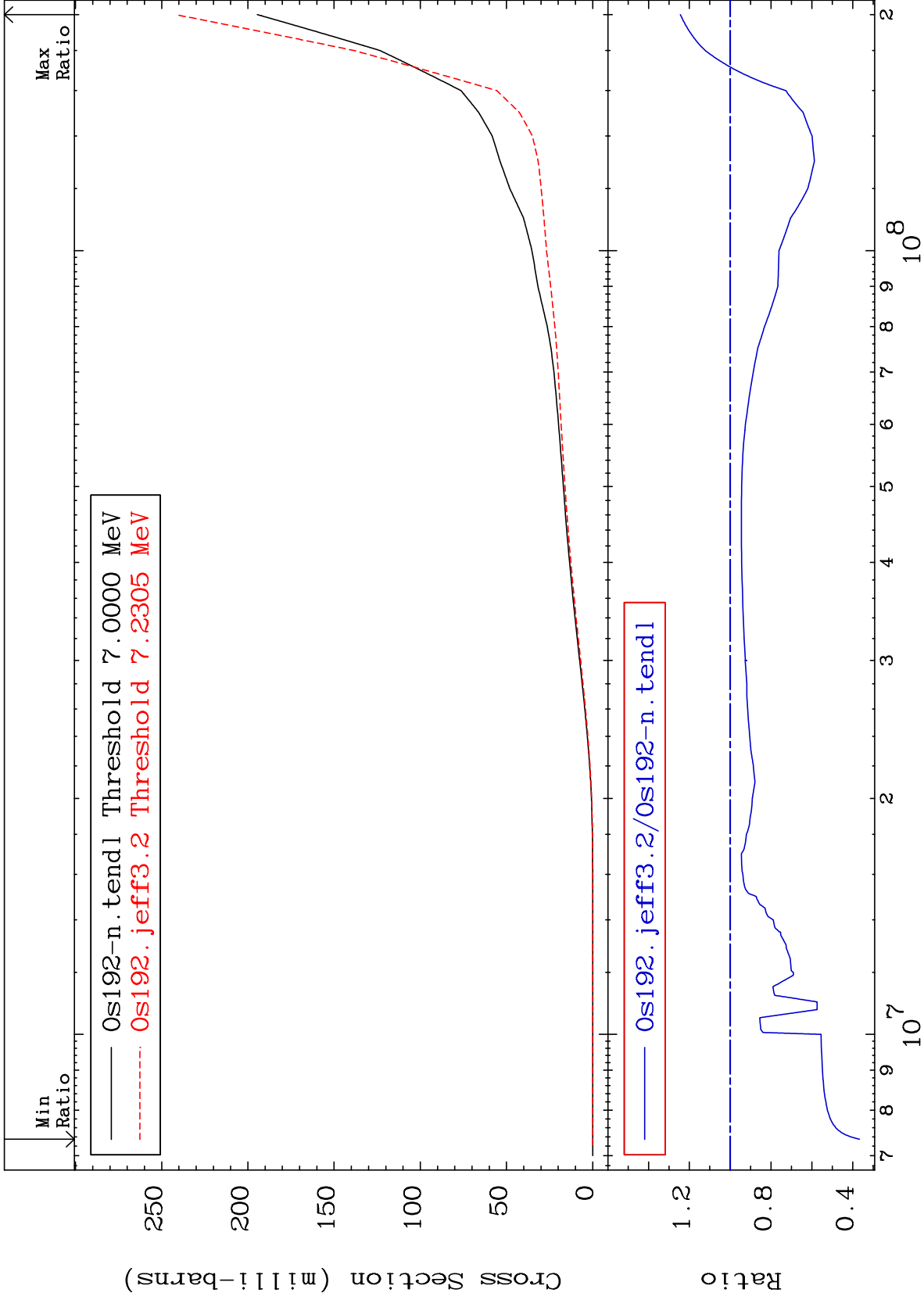




MAT 7649

Tritium Production  
Cross Section

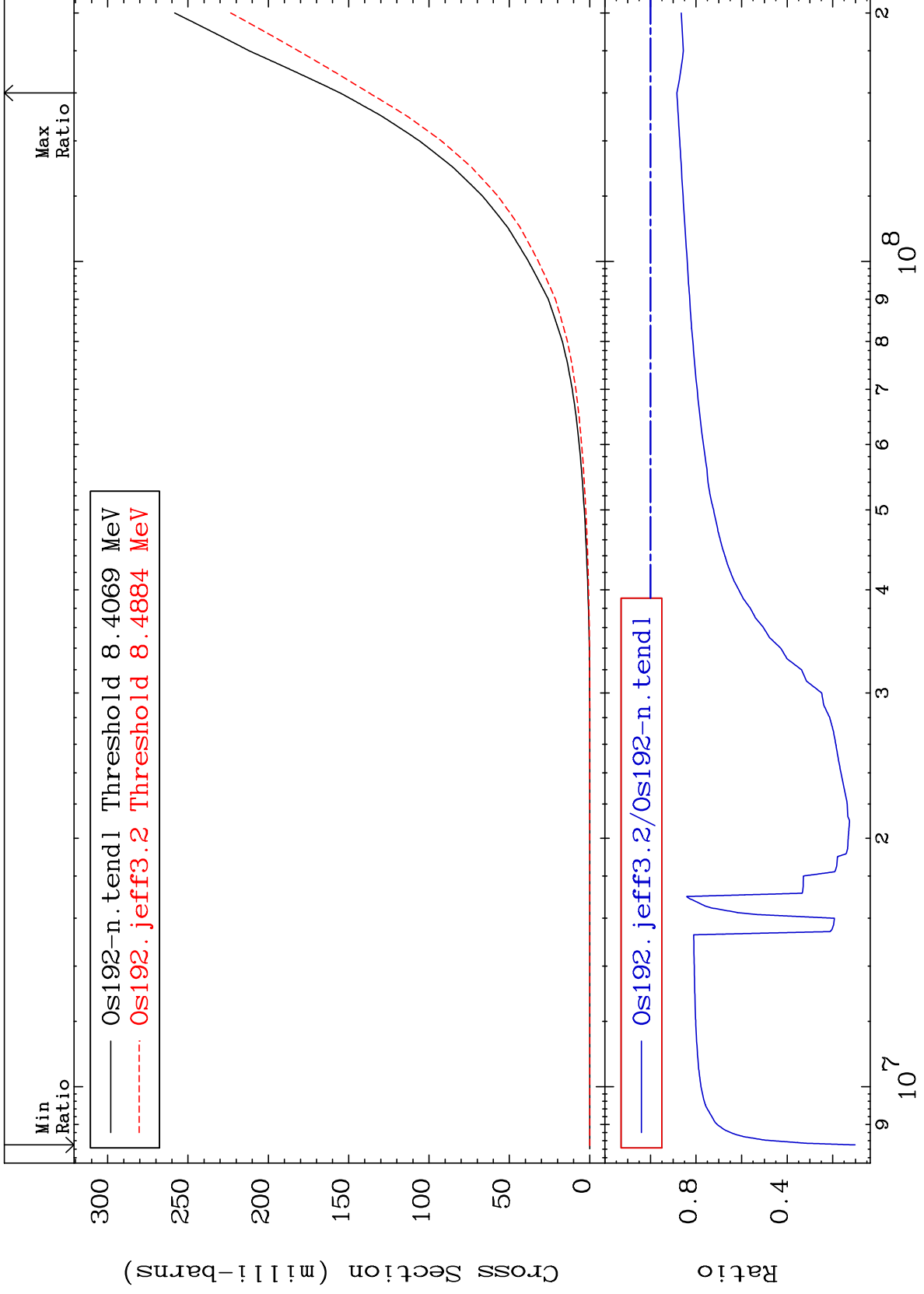
76-0s-192  
-63.22 To 24.42 %



MAT 7649

He-3 Production  
Cross Section

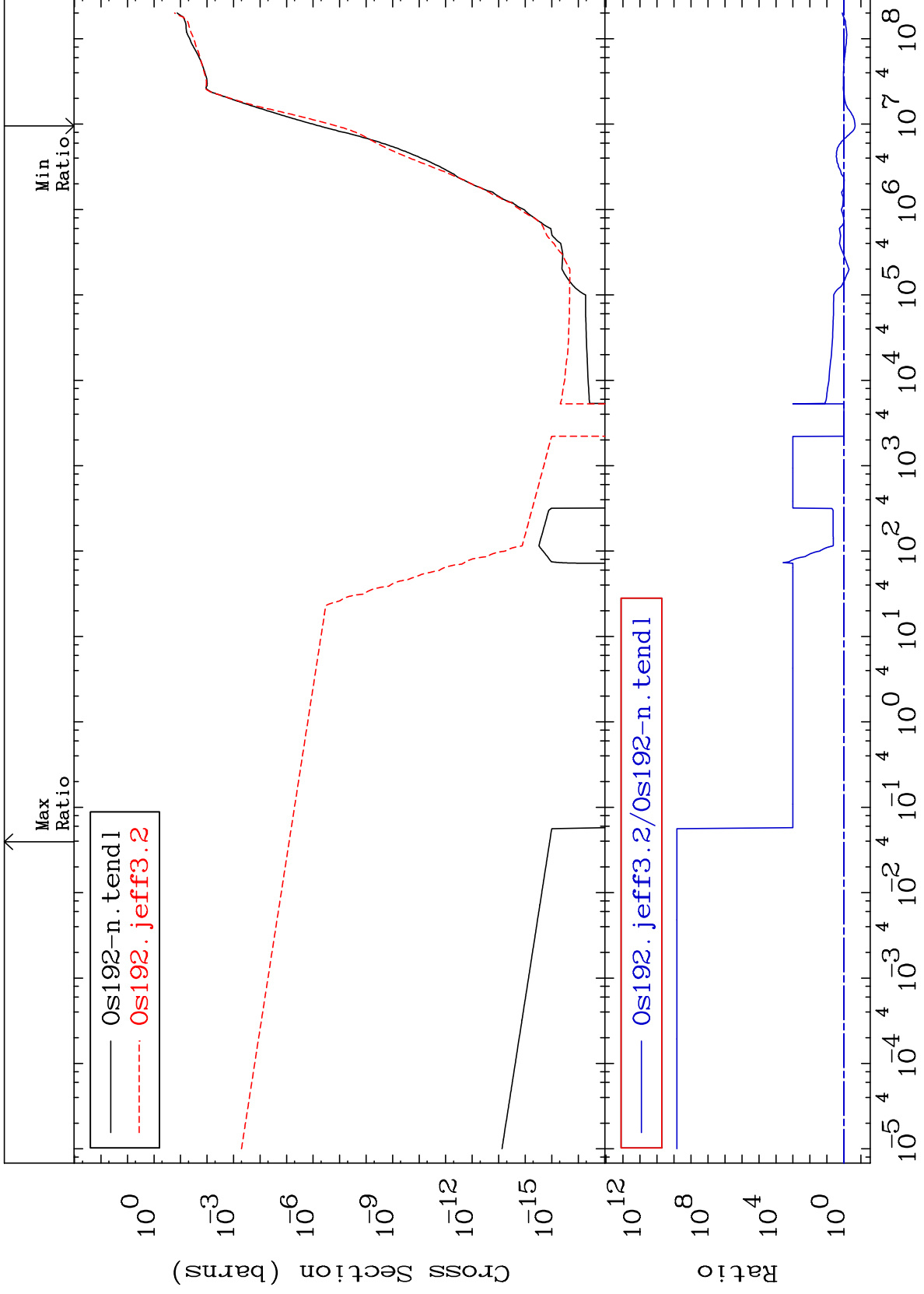
76-0s-192  
-89.81 To -11.62%



MAT 7649

He-4 Production  
Cross Section

76-0s-192  
-77.95 To 9999. %



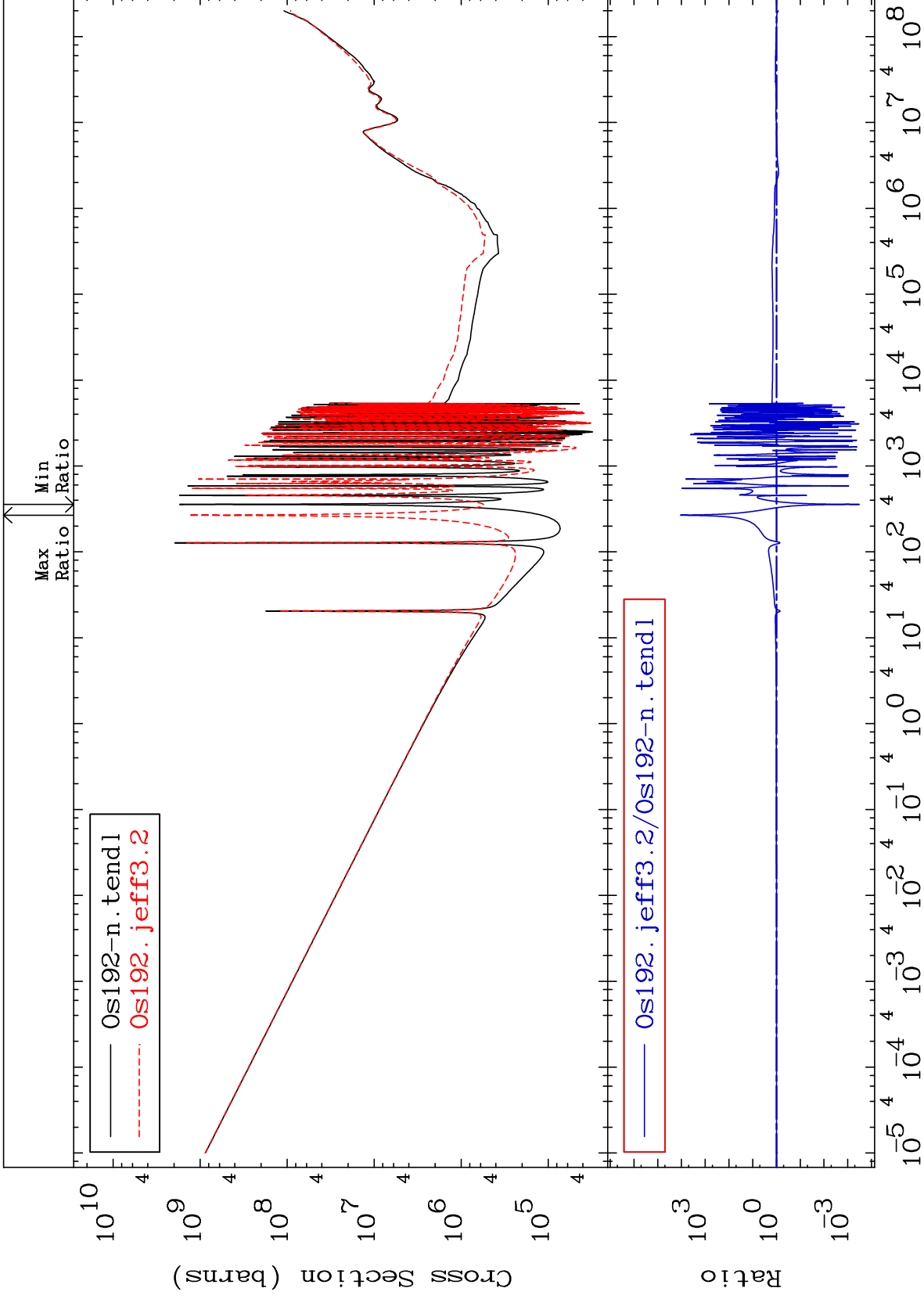
MAT 7649

Kerma total (eV-barns)

76-0s-192

Cross Section

-99.97 To 9999. %



60

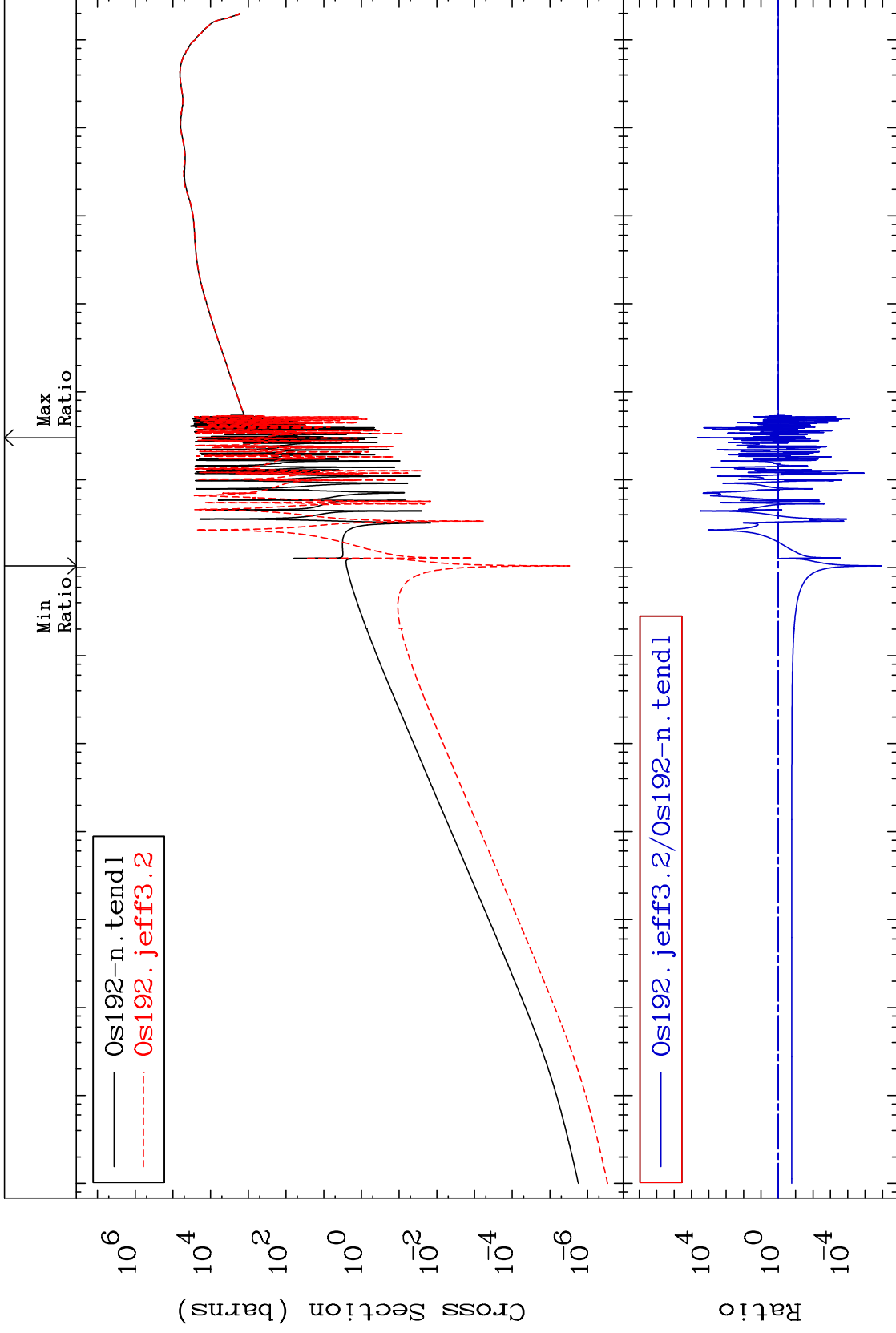
Incident Energy (eV)

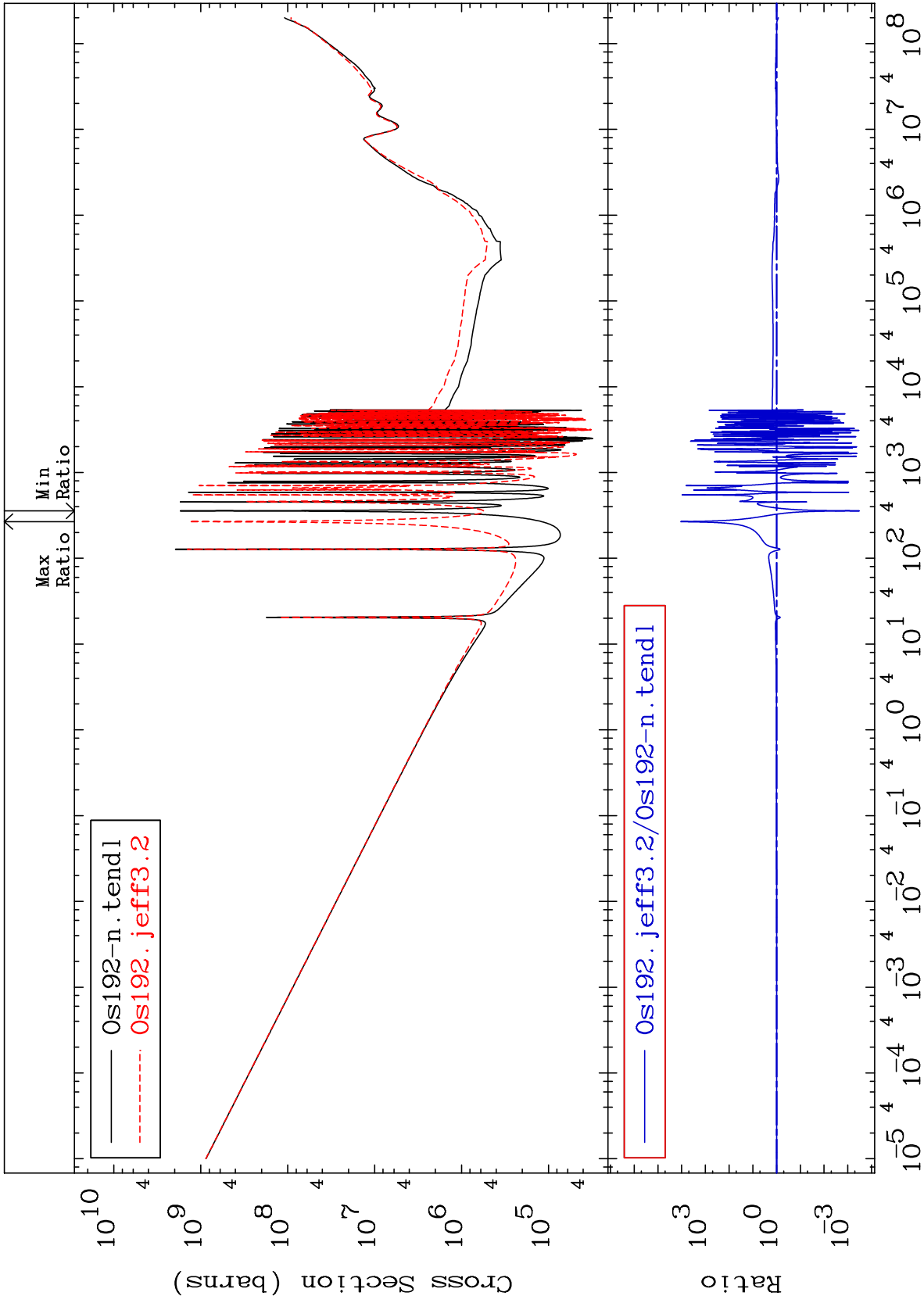
76-0s-192

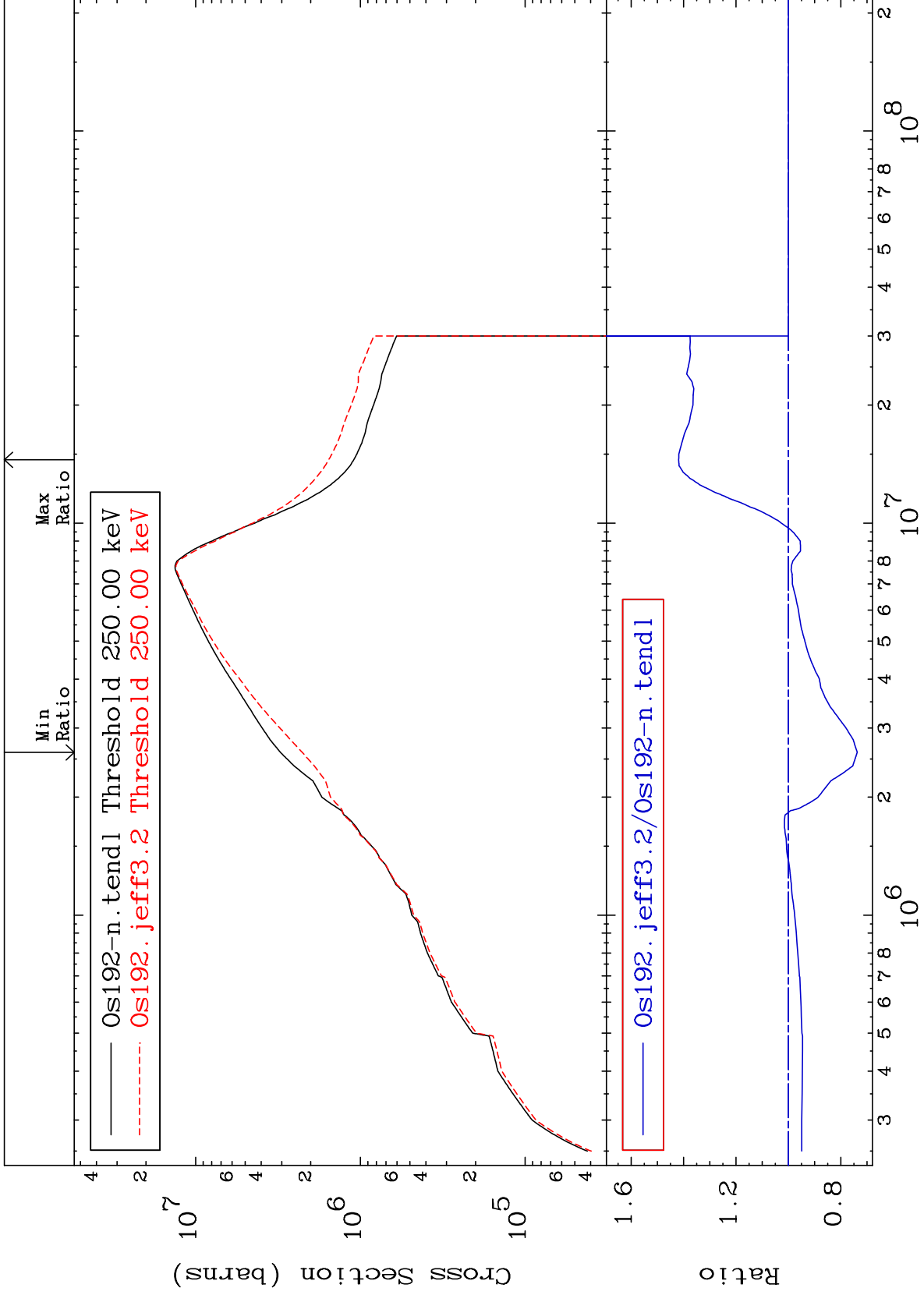
MAT 7649

Kerma elastic  
Cross Section

76-0s-192  
-100.0 To 9999. %



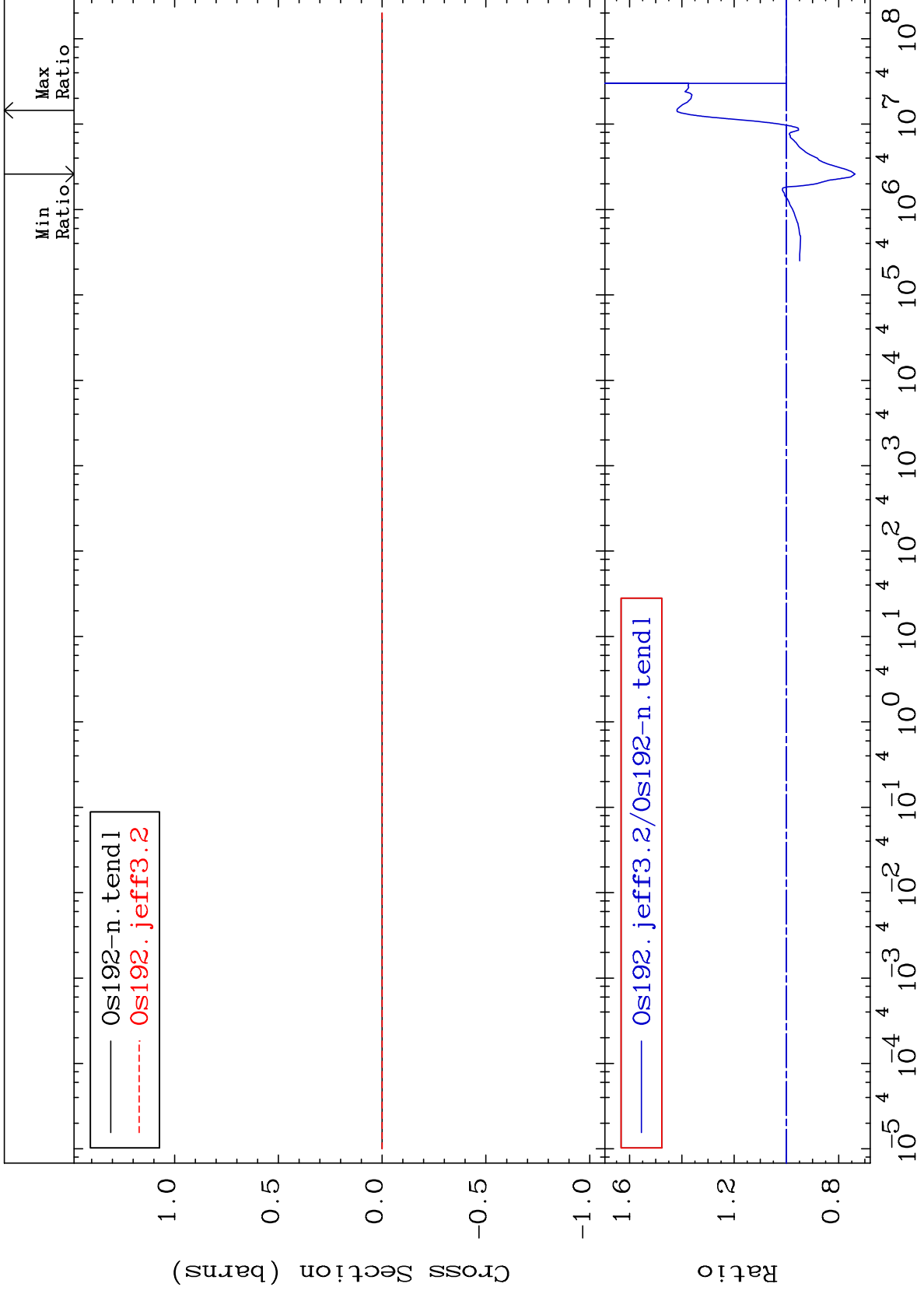




MAT 7649

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

76-0s-192  
-26.28 To 41.86 %

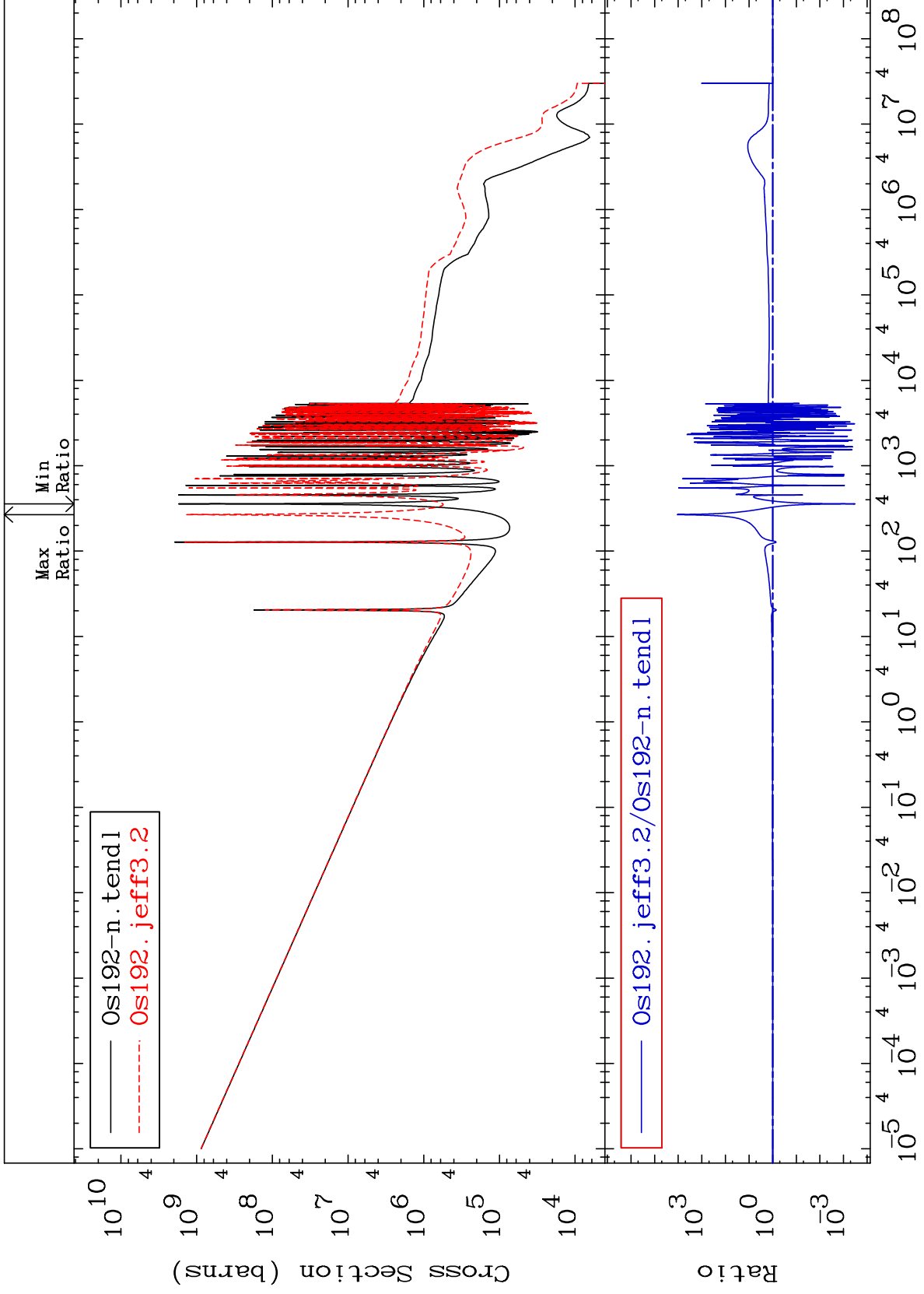




MAT 7649

Kerma capture (mt102)  
Cross Section

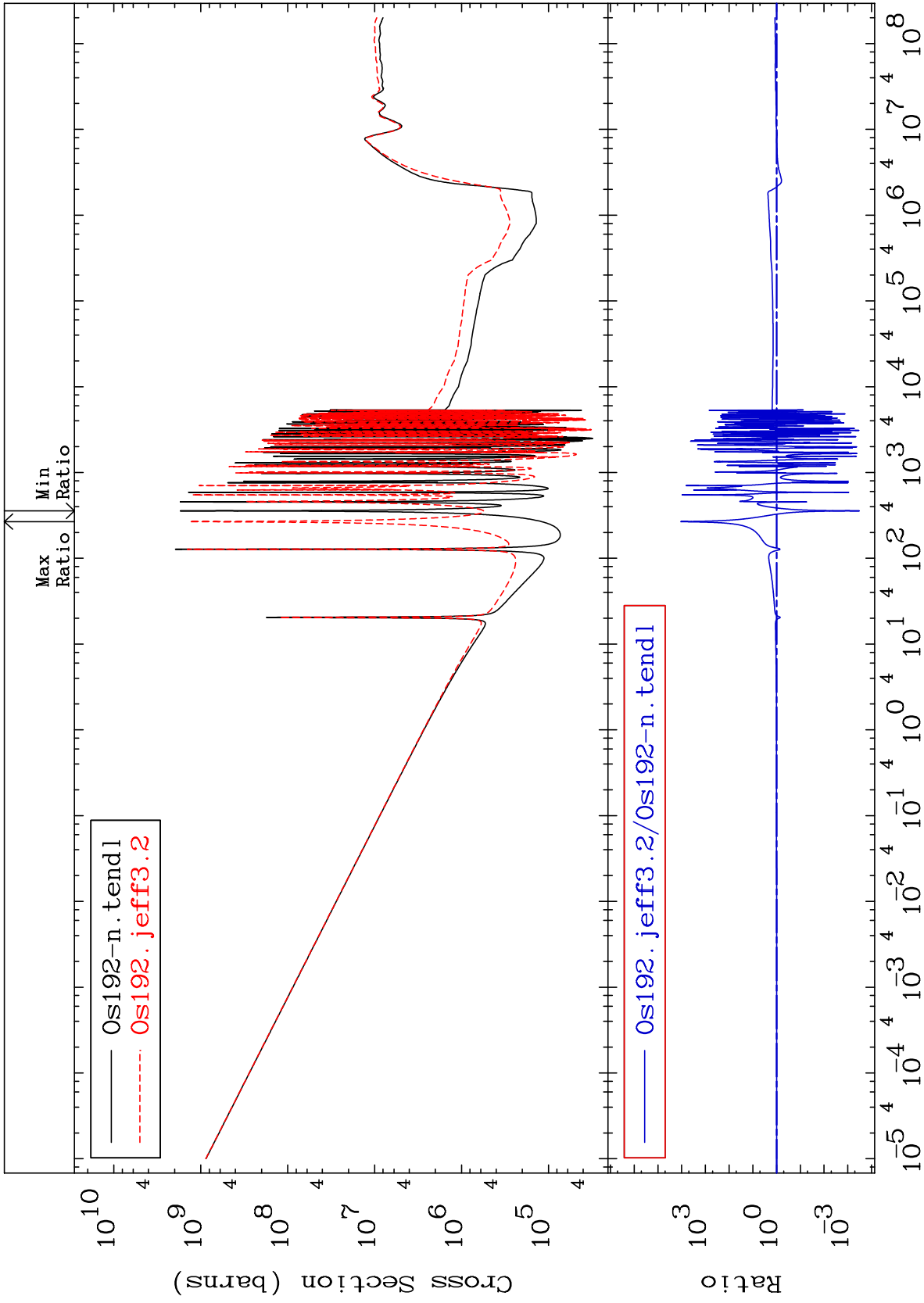
76-0s-192  
-99.97 To 9999. %

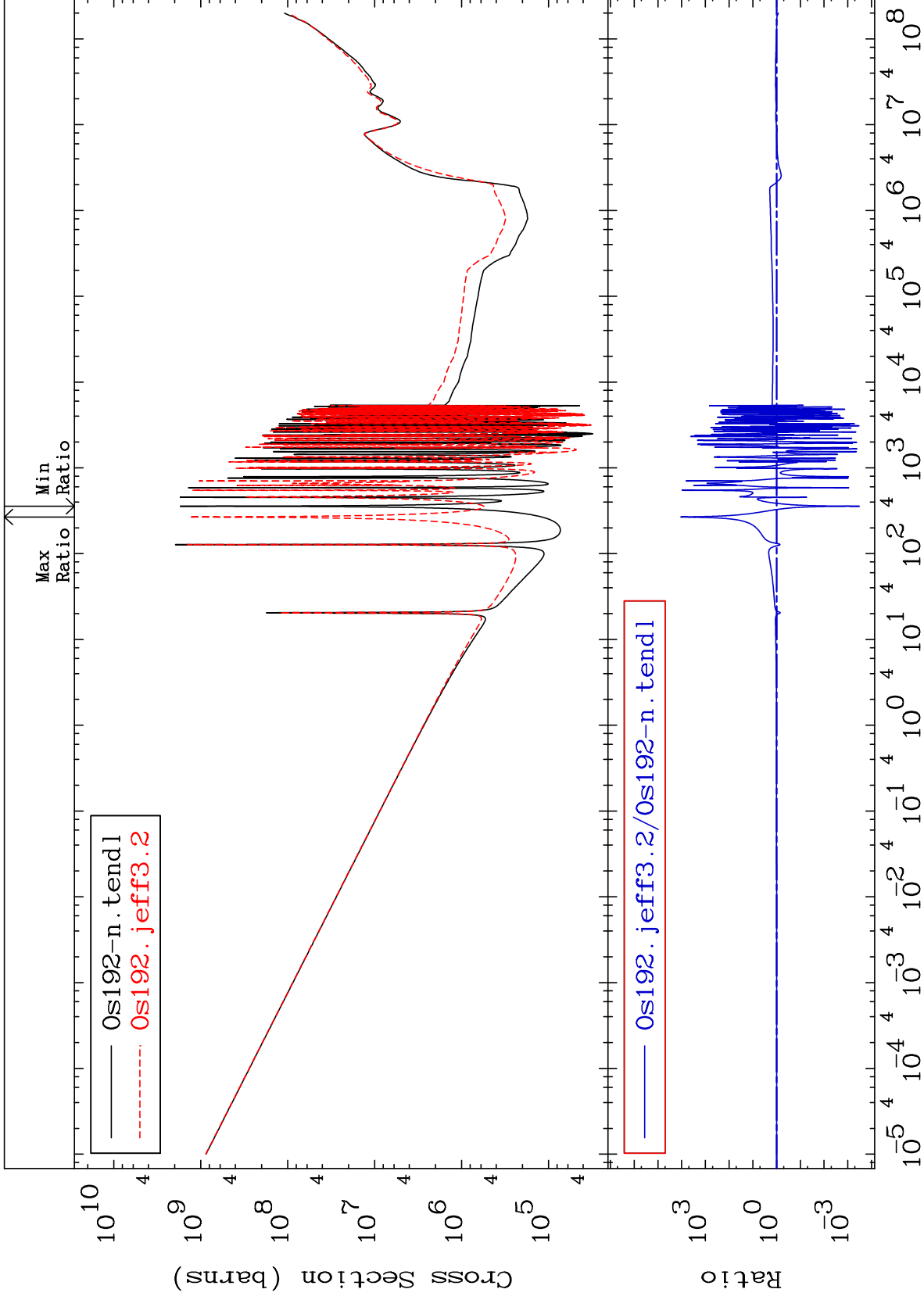


65

Incident Energy (eV)

76-0s-192

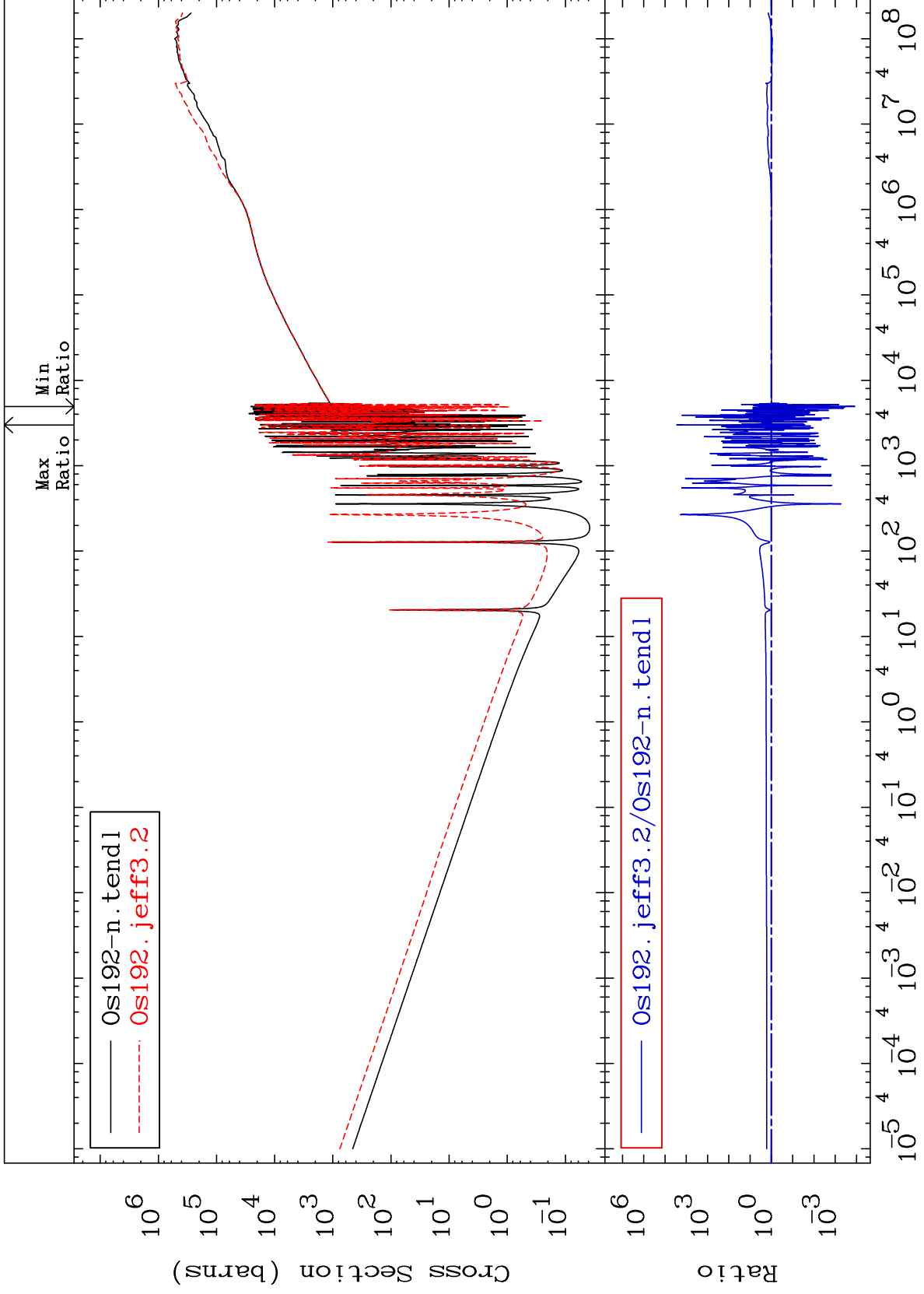




MAT 7649

Dpa total (eV-barns)  
Cross Section

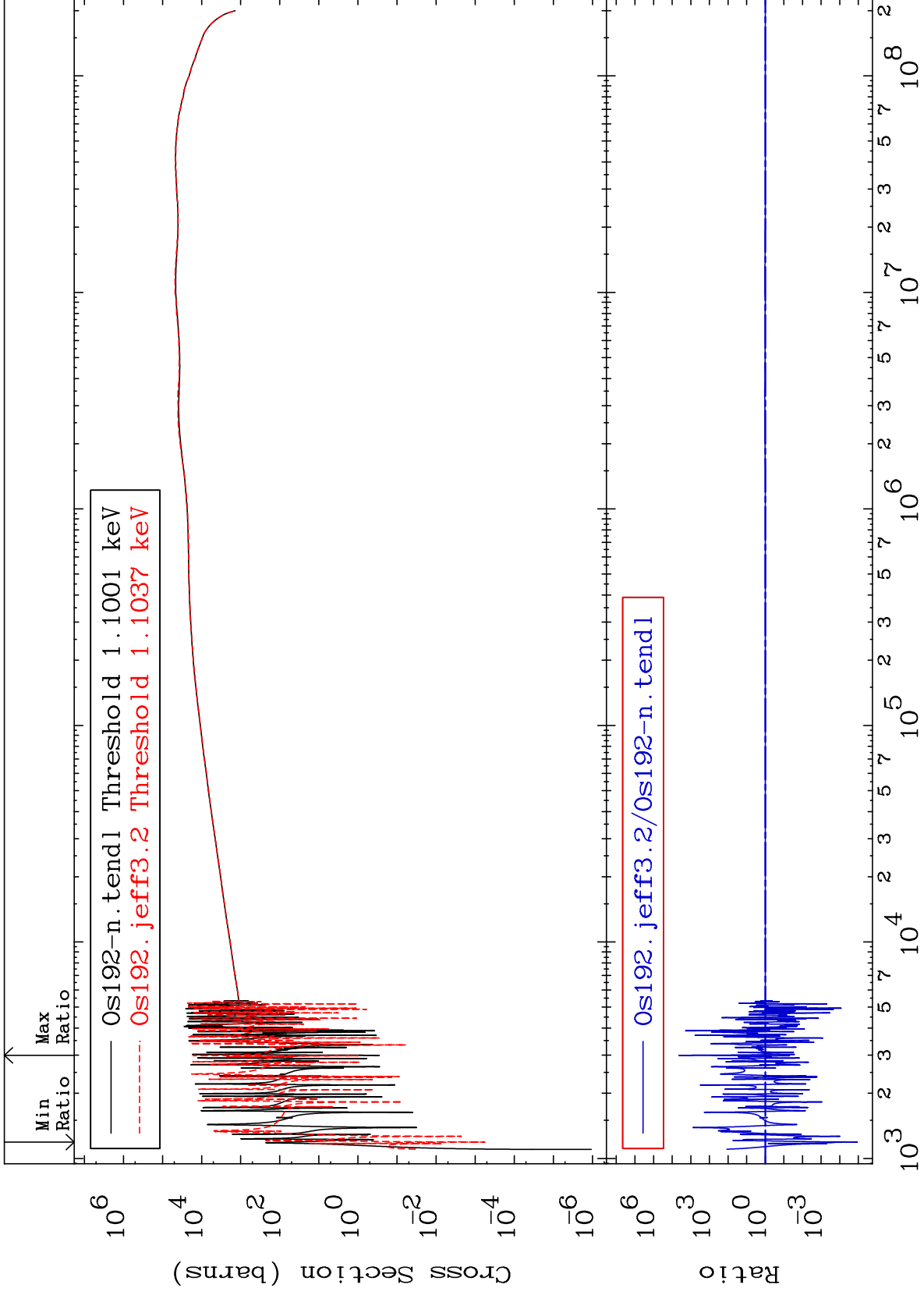
76-0s-192  
-99.99 To 9999. %



MAT 7649

Dpa elastic (mt2)  
Cross Section

76-0s-192  
-100.0 To 9999. %



69

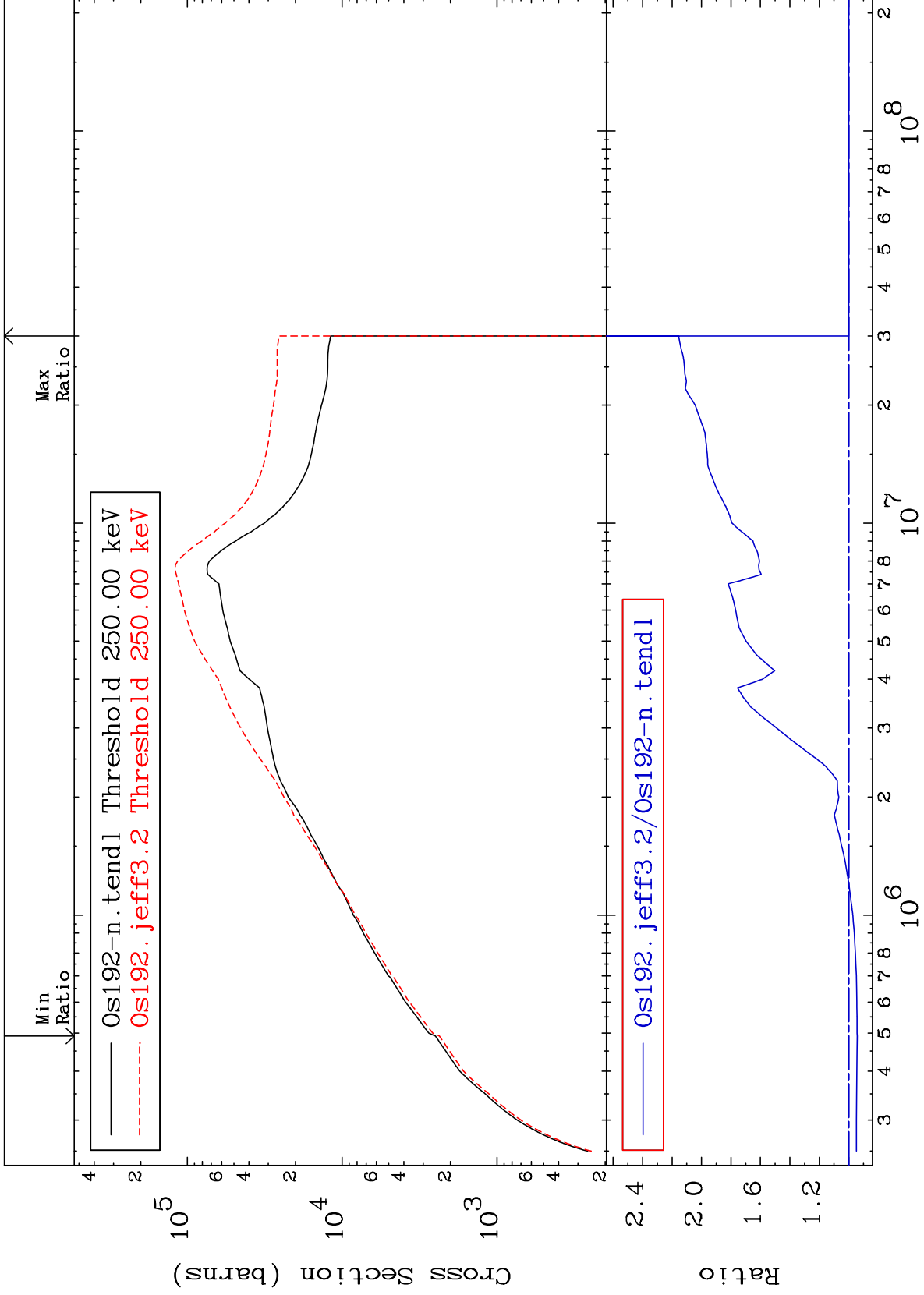
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa inelastic (mt51-91)  
Cross Section

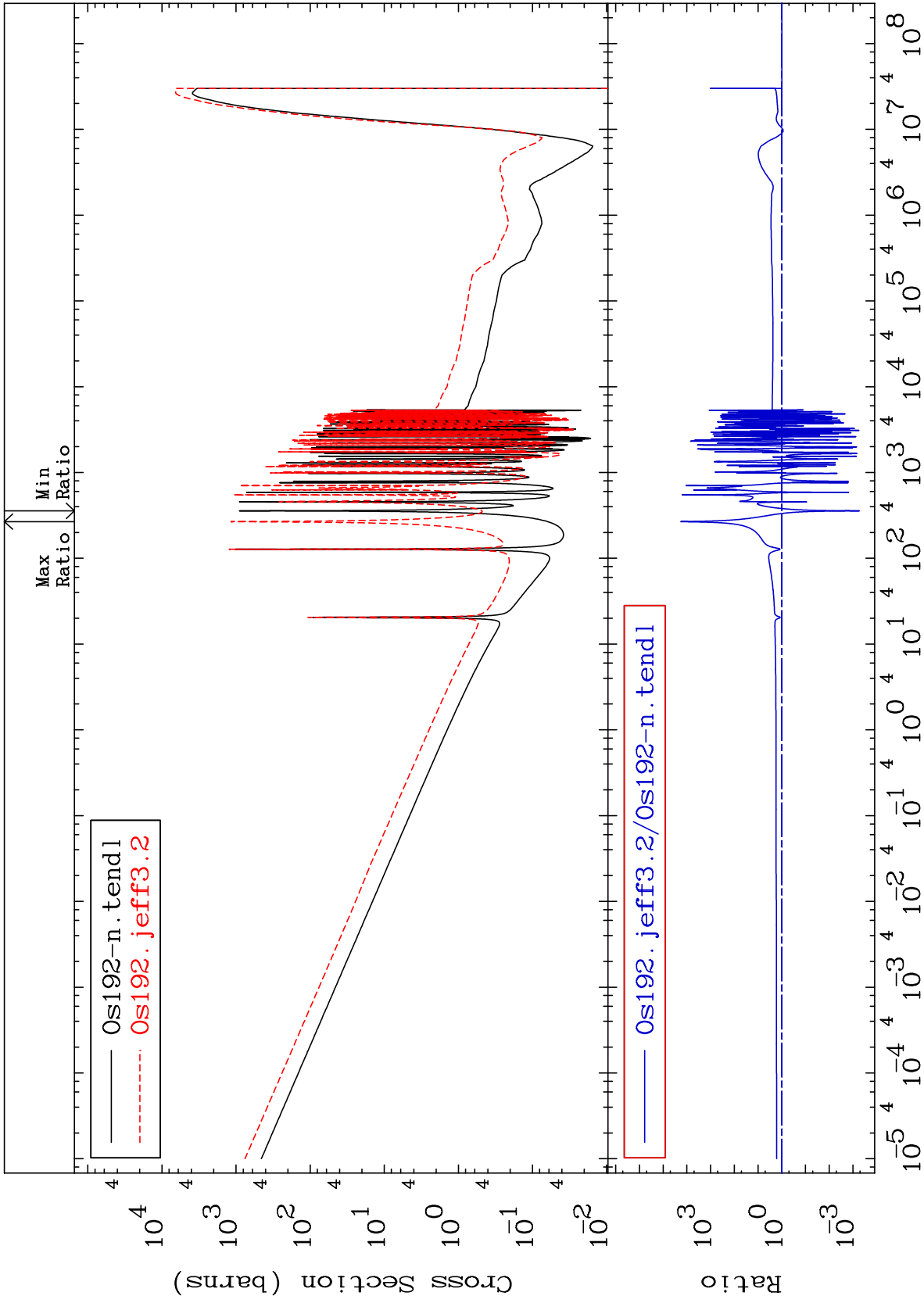
76-0s-192  
-5.748 To 115.5 %



70

Incident Energy (eV)

76-0s-192



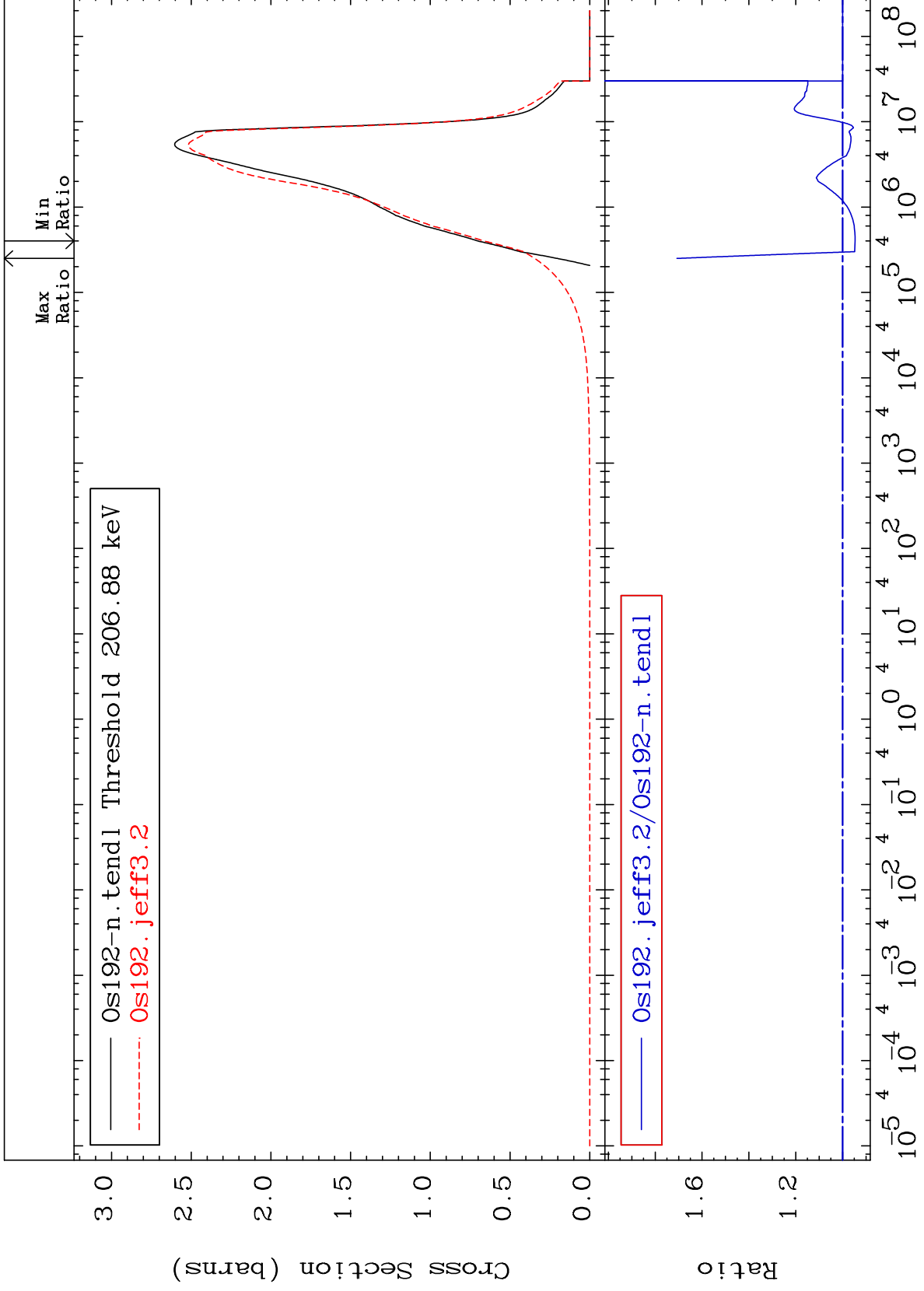
MAT 7649

Inelastic:76-0s-192g

76-0s-192

Radionuclide Production Cross Section

-5.342 To 70.74 %



72

Incident Energy (eV)

76-0s-192



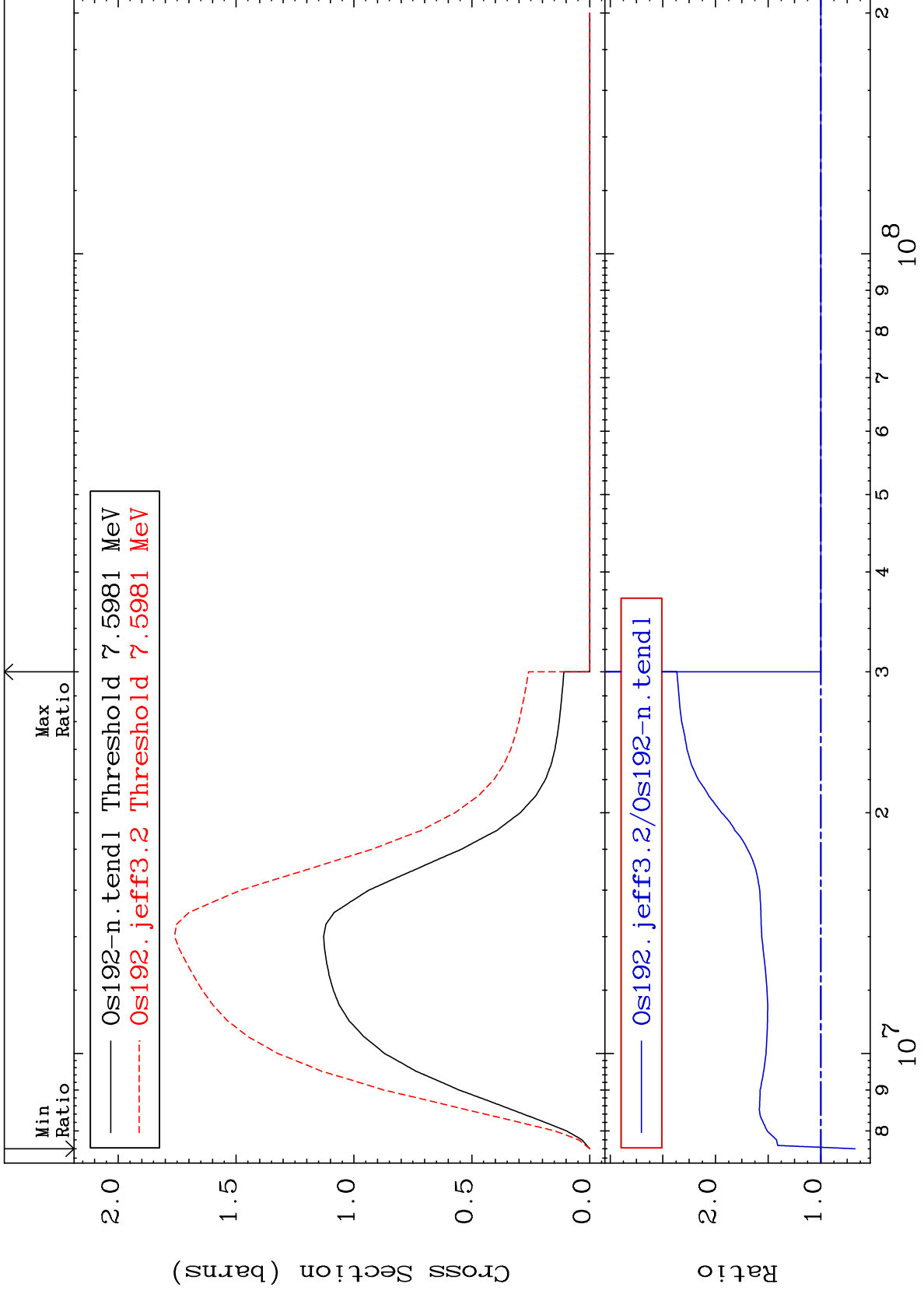
MAT 7649

(n,2n):76-Os-191g

76-Os-192

Radionuclide Production Cross Section

-32.56 To 136.6 %



73

Incident Energy (eV)

76-Os-192

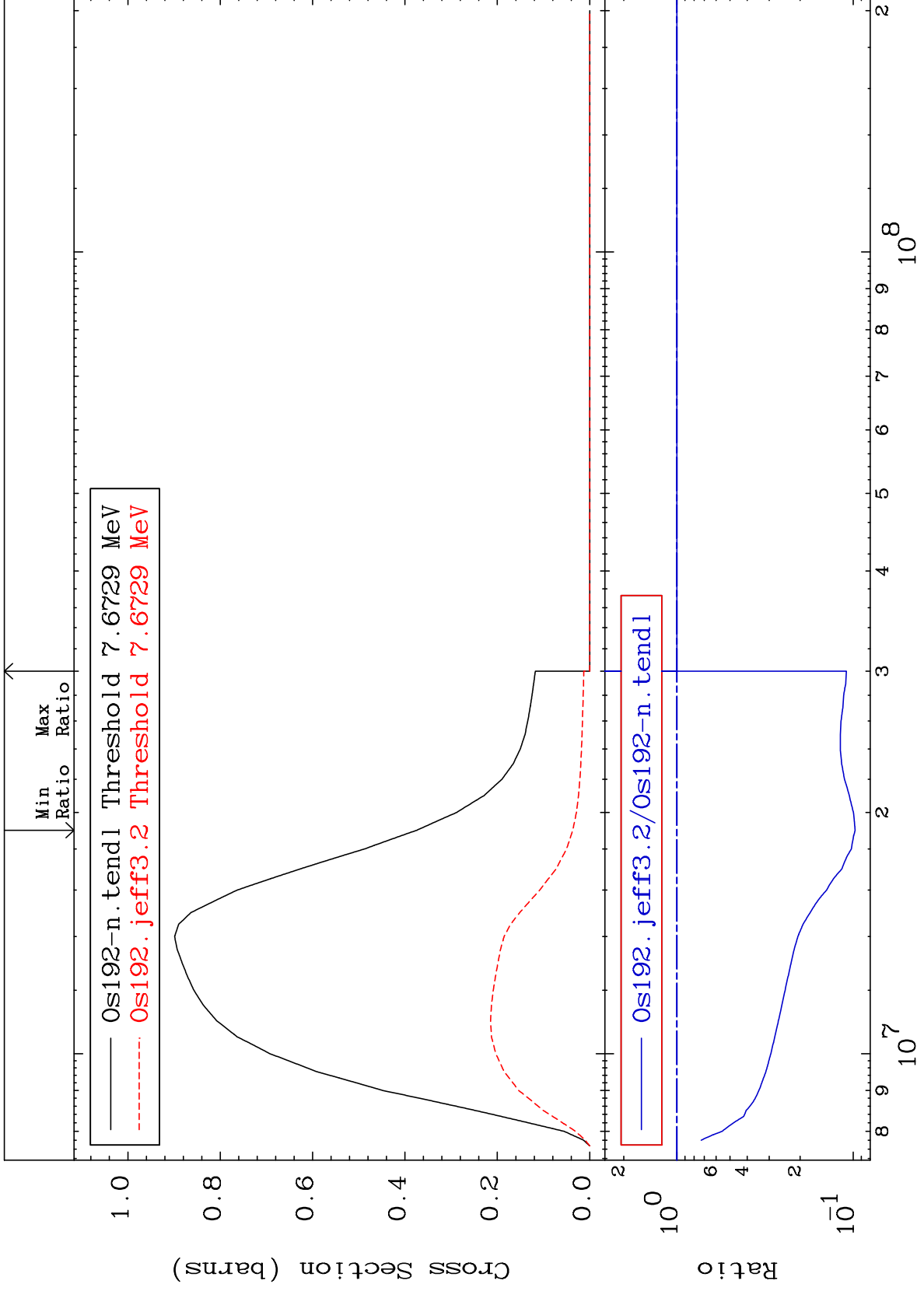
MAT 7649

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

76-0s-192

Radionuclide Production Cross Section

-90.23 To 0.000 %



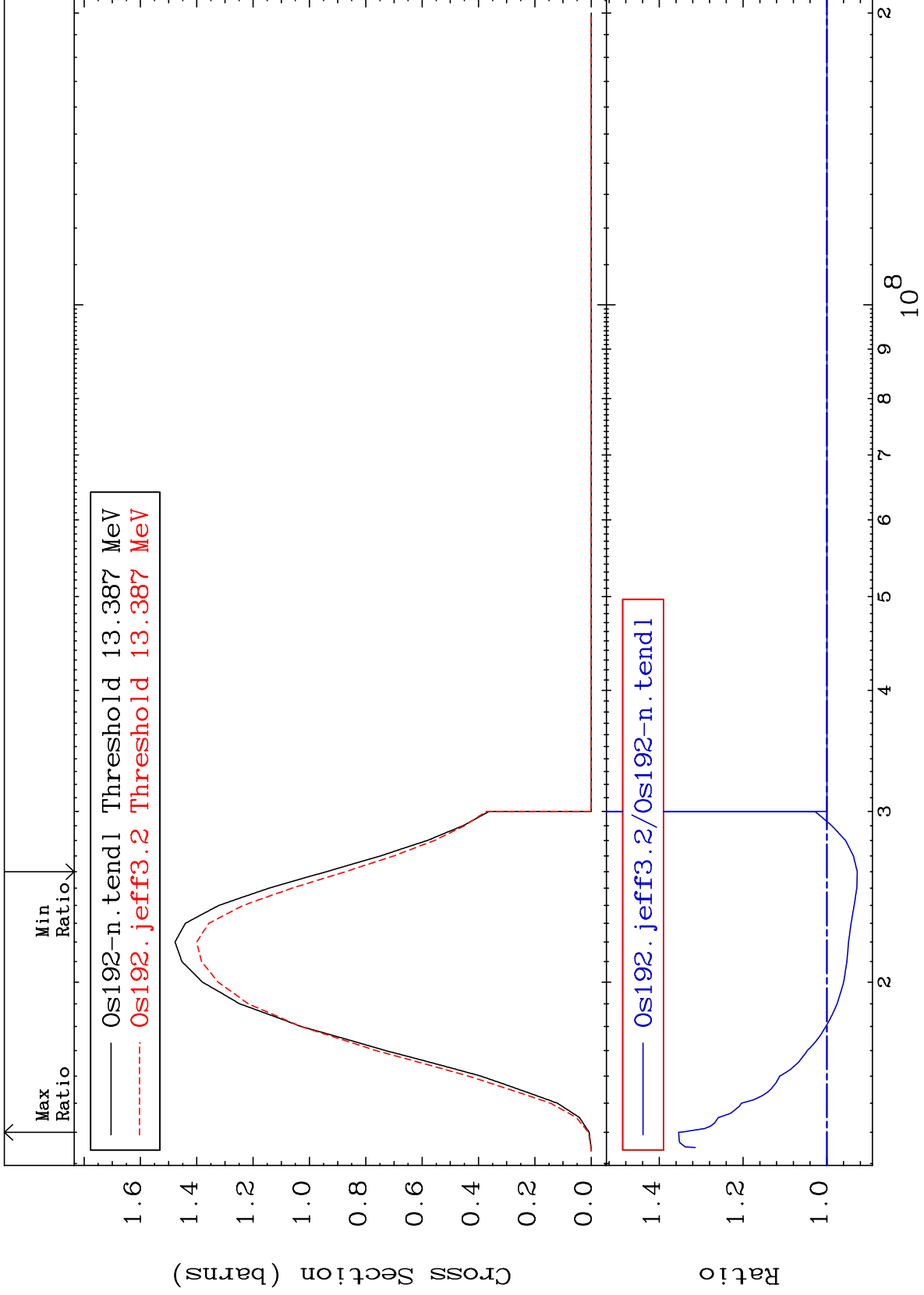
74

Incident Energy (eV)

76-0s-192

Radionuclide Production Cross Section

-7.265 To 35.39 %



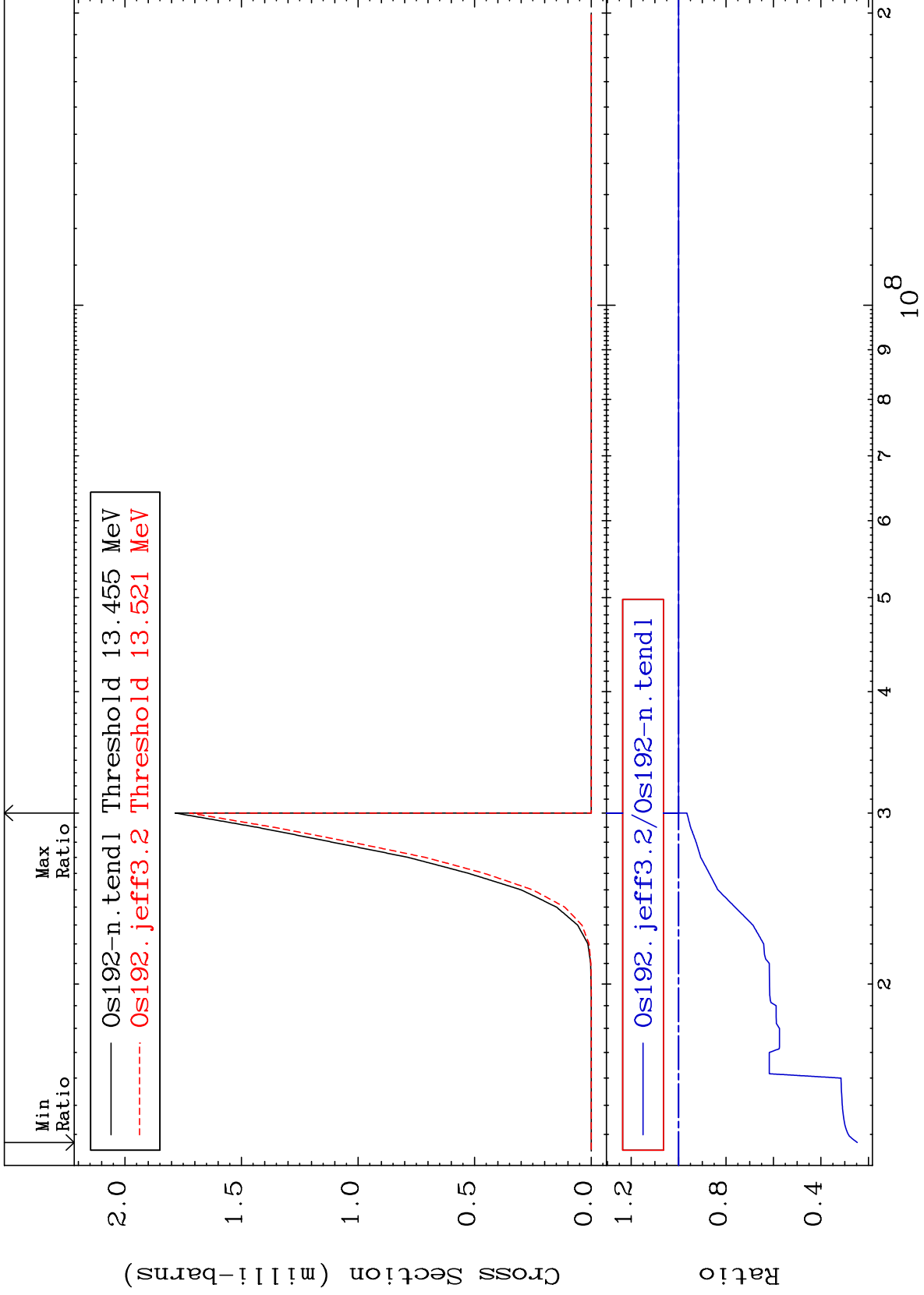
MAT 7649

(n, n') d: 75-Re-190g

76-0s-192

Radionuclide Production Cross Section

-75.30 To 0.000 %



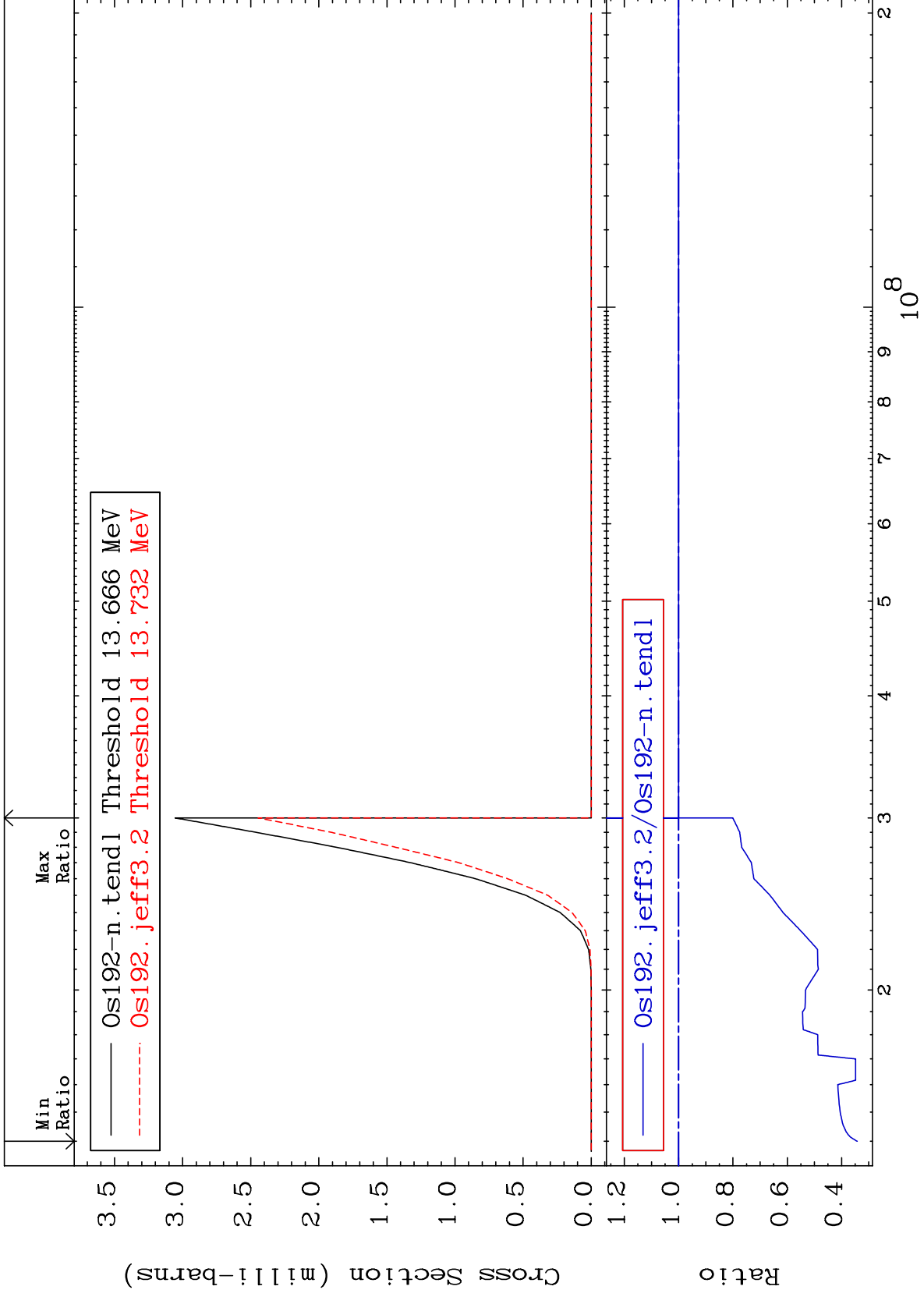
76

Incident Energy (eV)

76-0s-192

Radionuclide Production Cross Section

-65.76 To 0.000 %

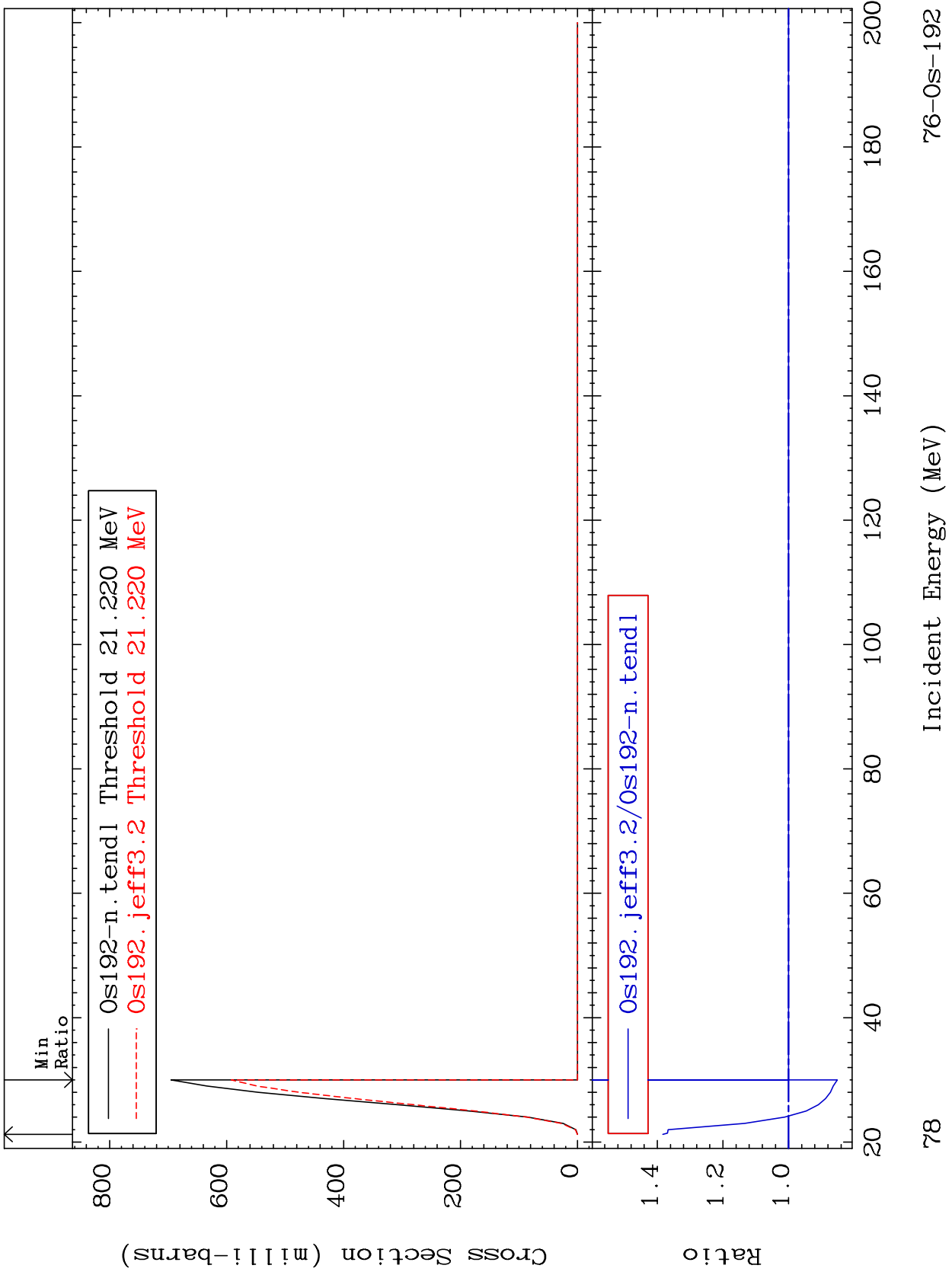


MAT 7649

(n, 4n): 76-Os-189g

76-Os-192

Radionuclide Production Cross Section -14.84 To 38.31 %



78

Incident Energy (MeV)

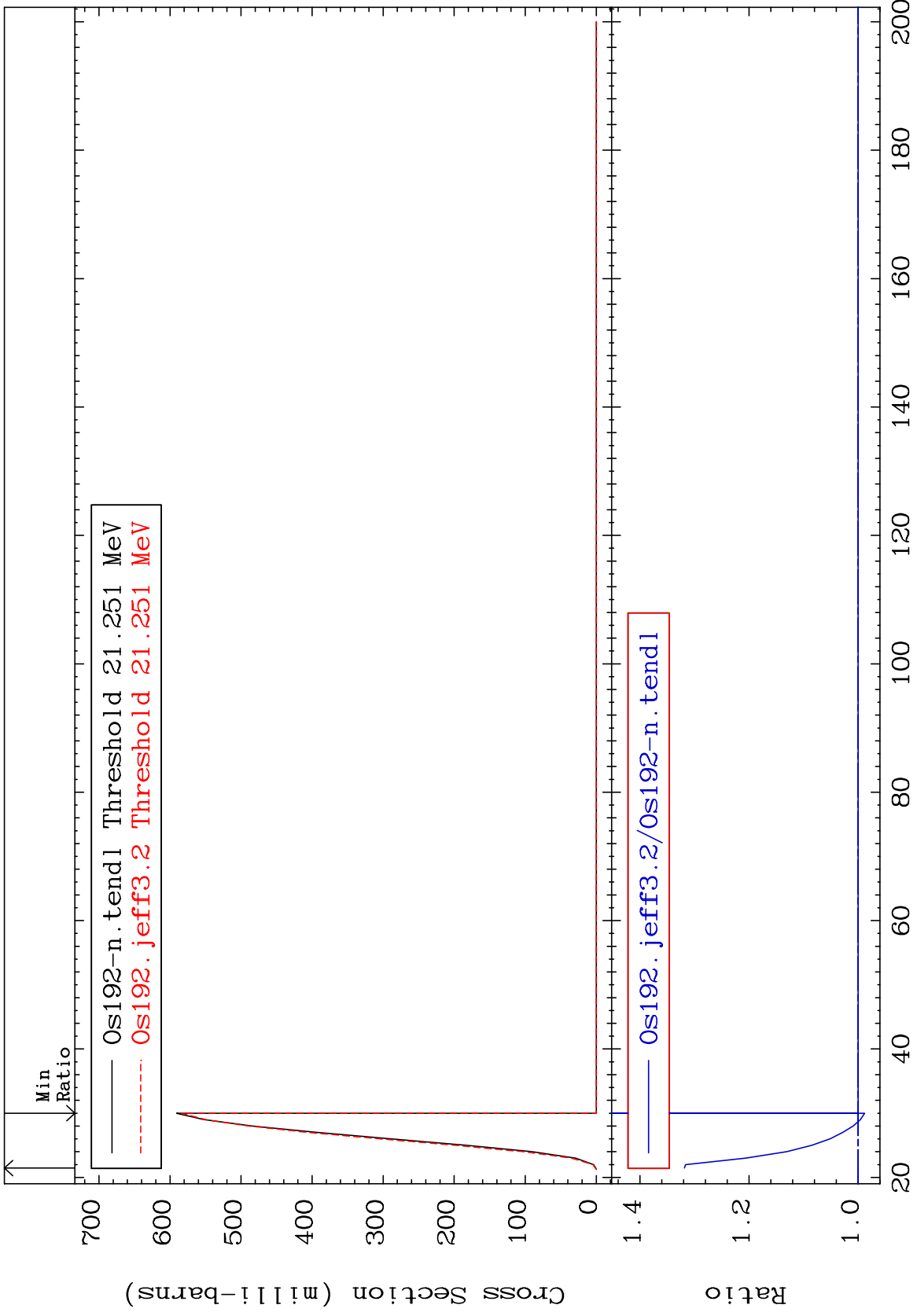
76-Os-192

MAT 7649

(n, 4n): 76-0s-189m1

76-0s-192

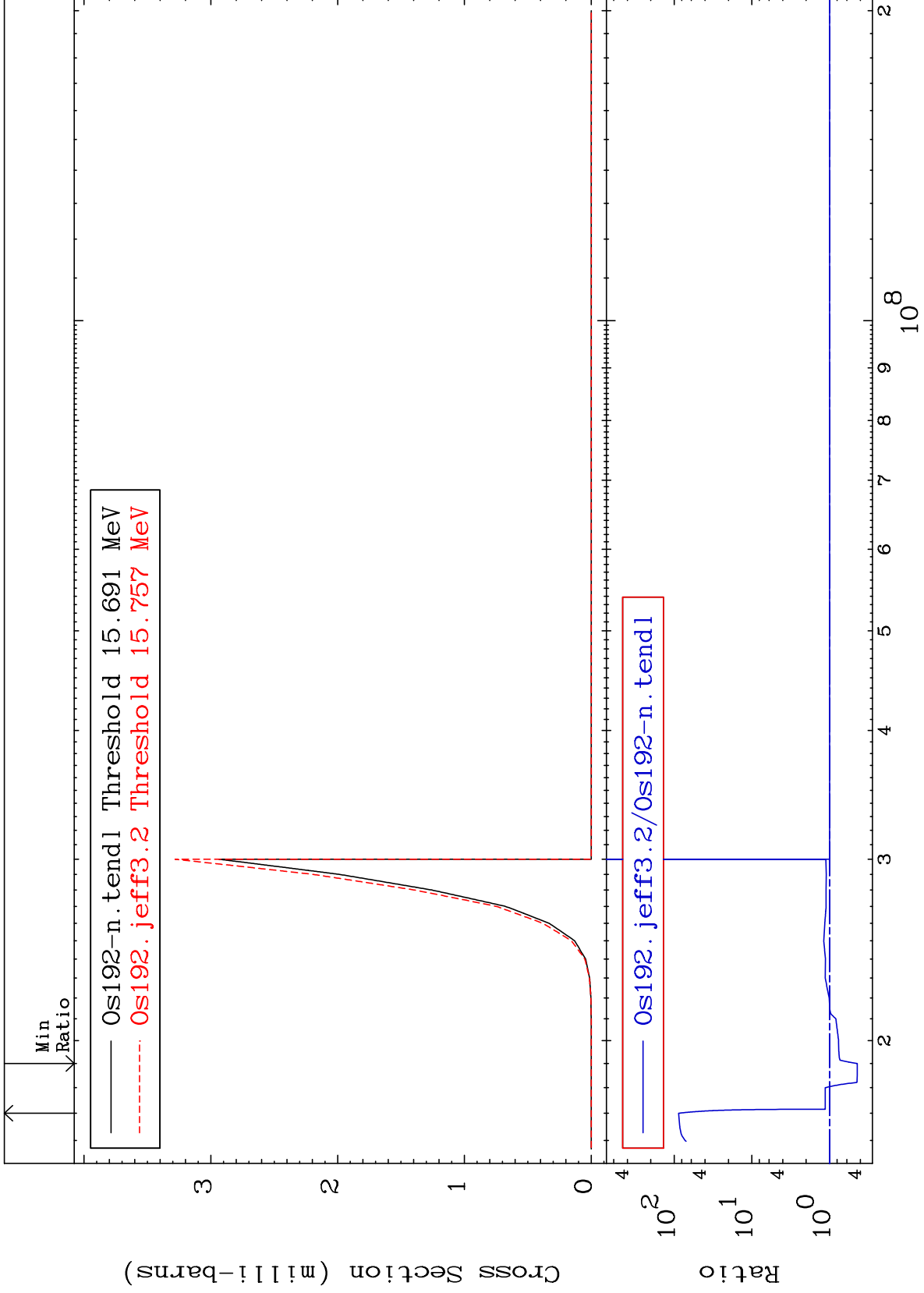
Radionuclide Production Cross Section -1.187 To 31.85 %



79

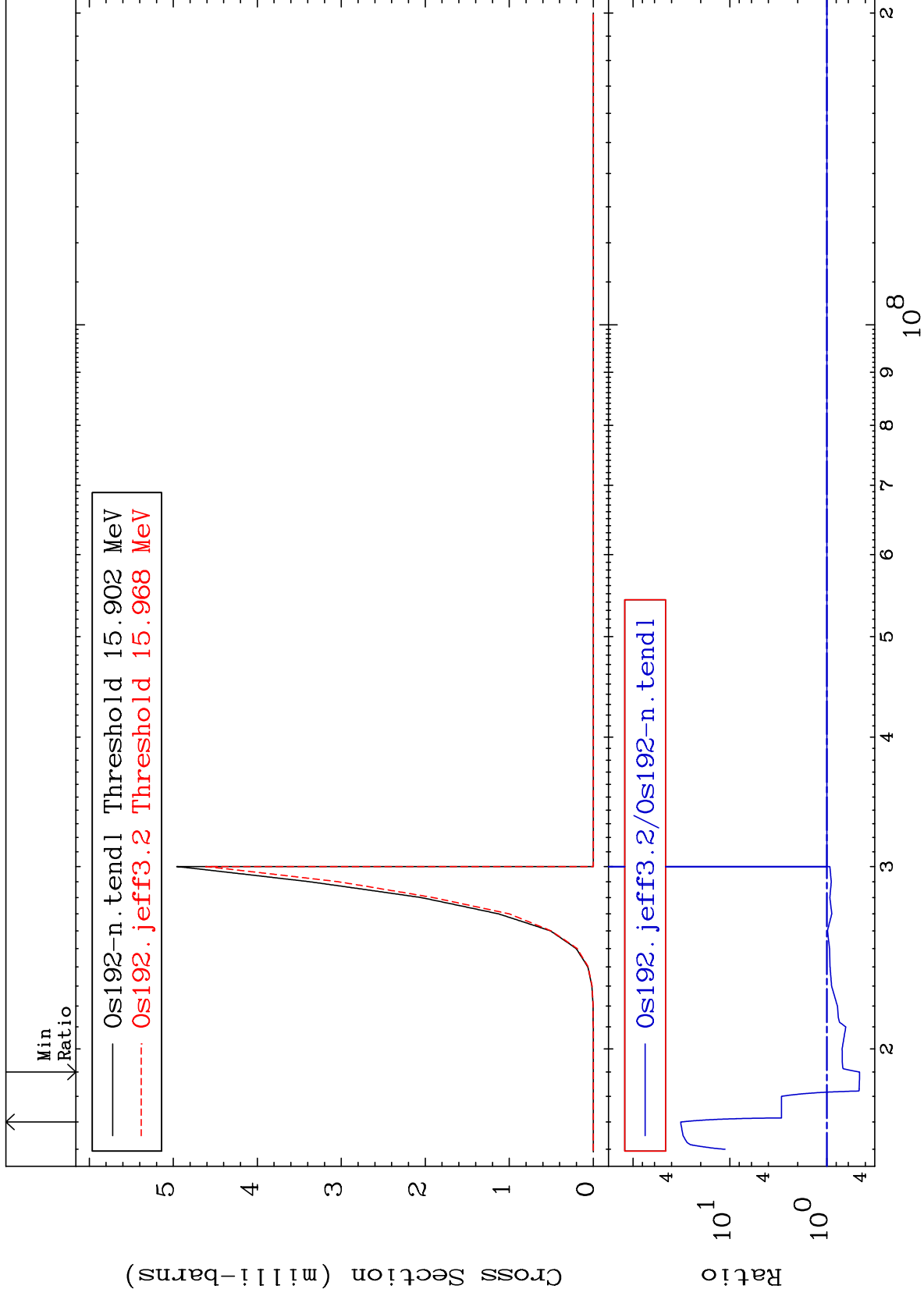
Incident Energy (MeV)

76-0s-192





Radionuclide Production Cross Section -54.11 To 3117. %



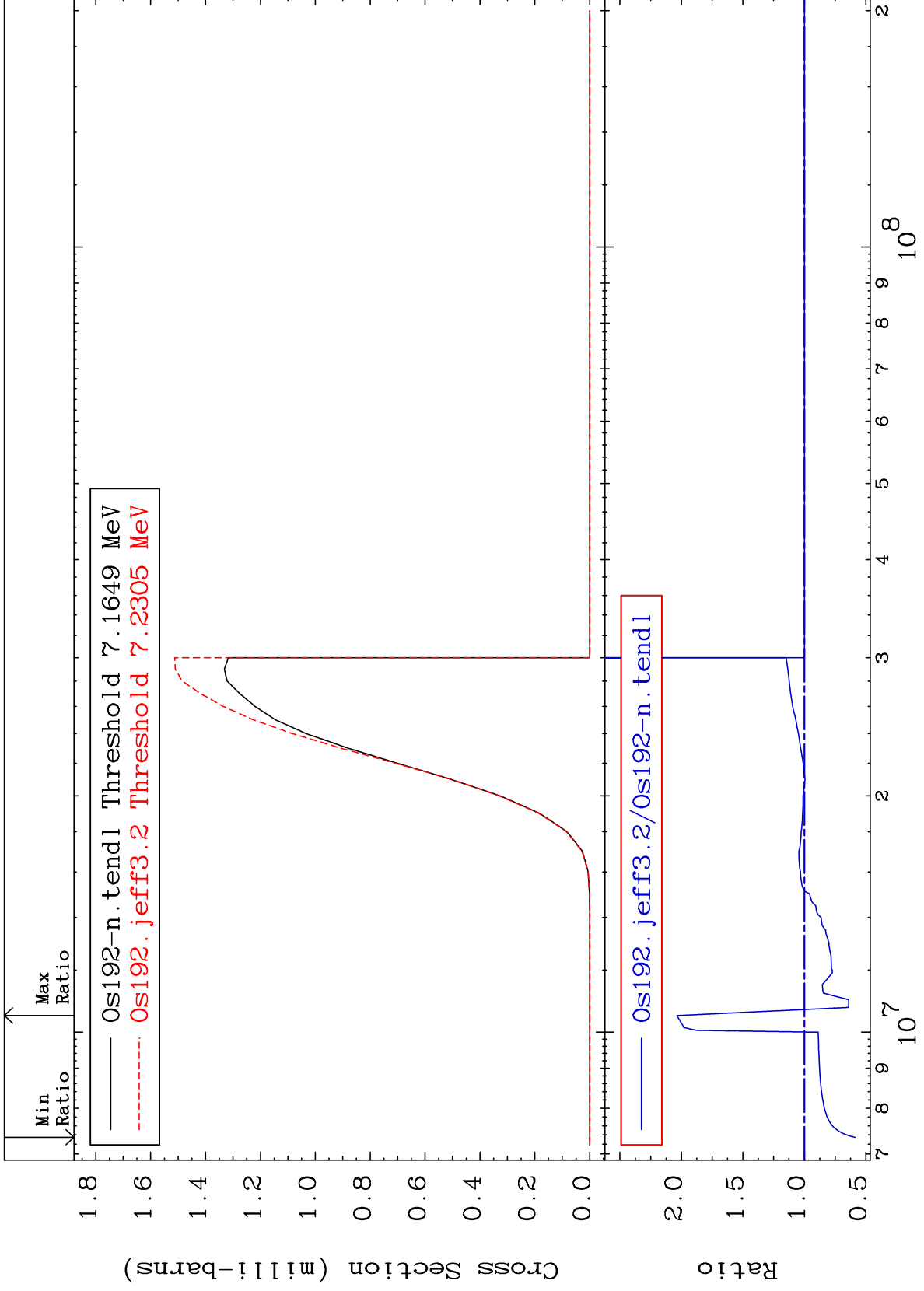
MAT 7649

(n, t) : 75-Re-190g

76-0s-192

Radionuclide Production Cross Section

-41.24 To 103.6 %



MAT 7649

(n, t): 75-Re-190m3

76-0s-192

Radionuclide Production Cross Section -59.99 To 0.000 %

