

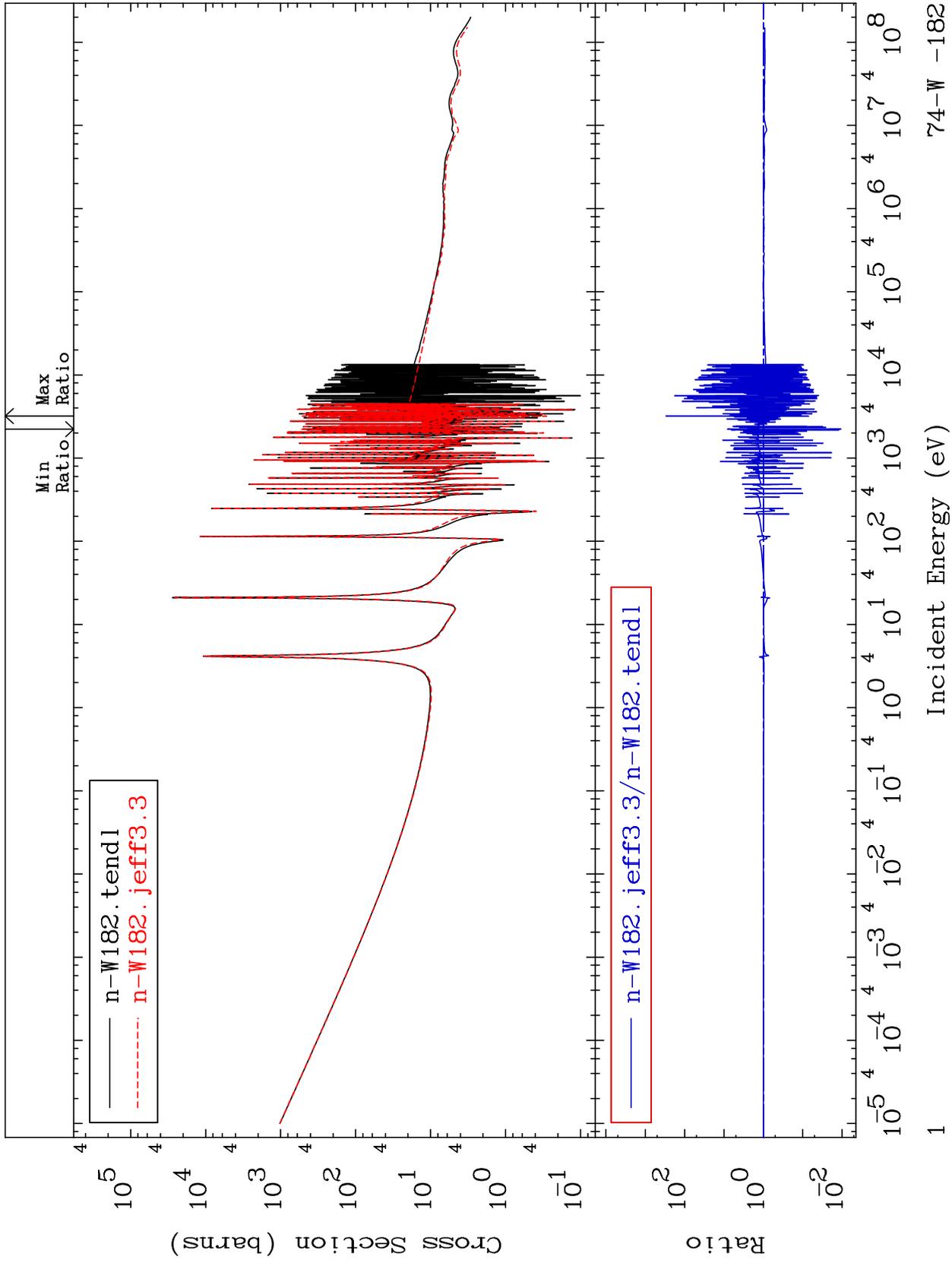
MAT 7431

Total

Cross Section

74-W -182

-98.94 To 9999. %



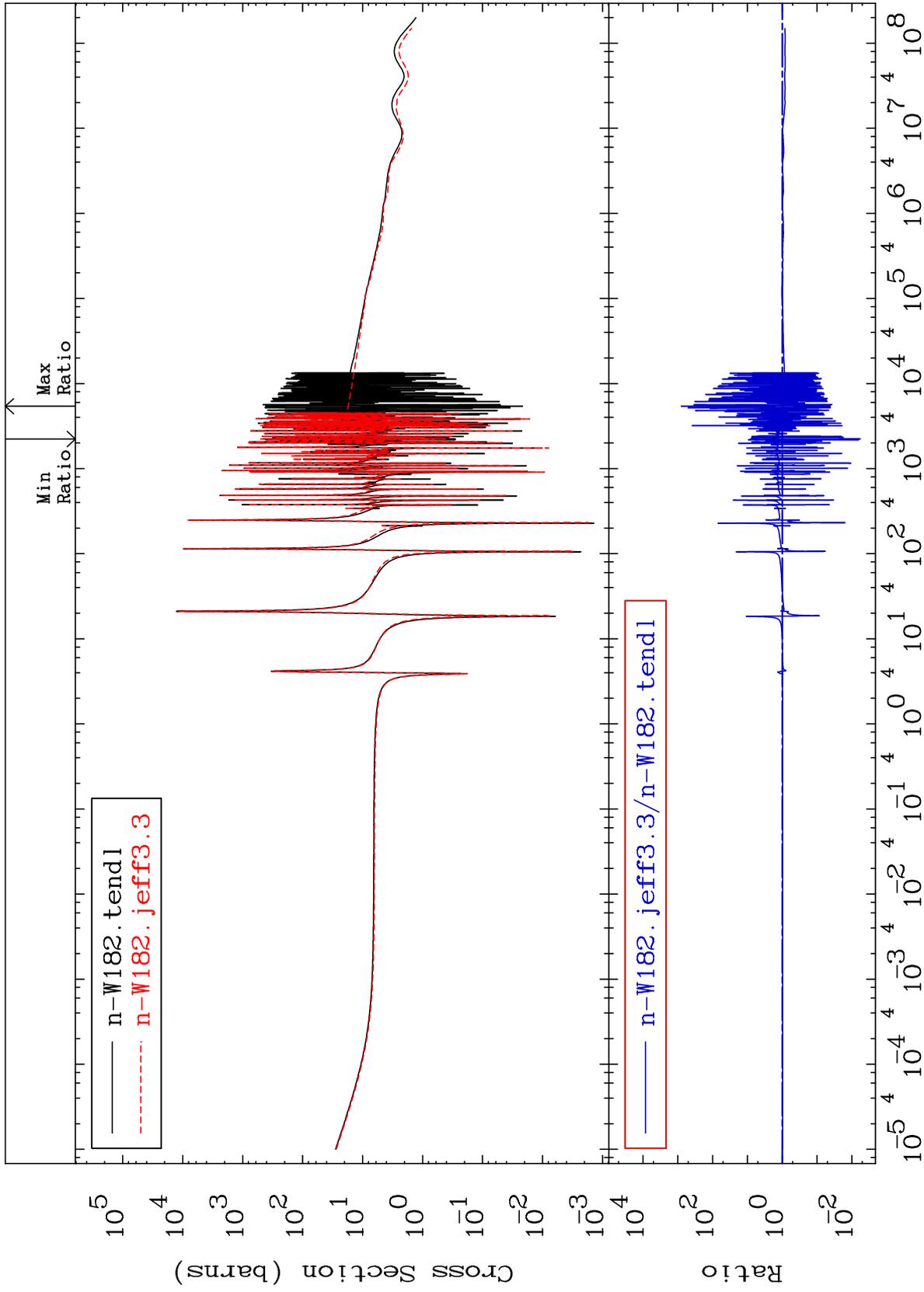
MAT 7431

Elastic

Cross Section

74-W -182

-99.42 To 9999. %



2

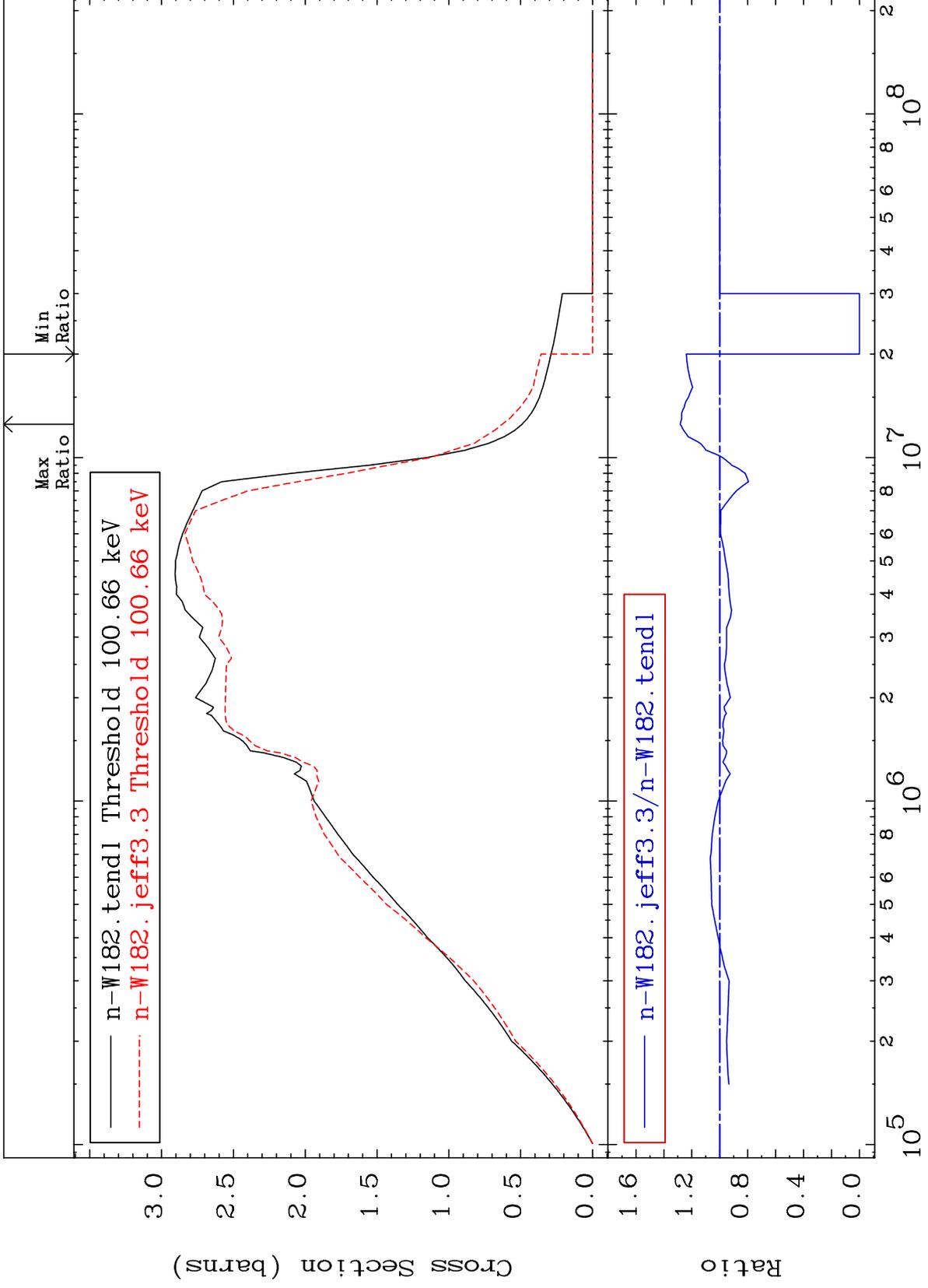
Incident Energy (eV)

74-W -182

MAT 7431

Inelastic
Cross Section

74-W -182
-100.0 To 28.25 %



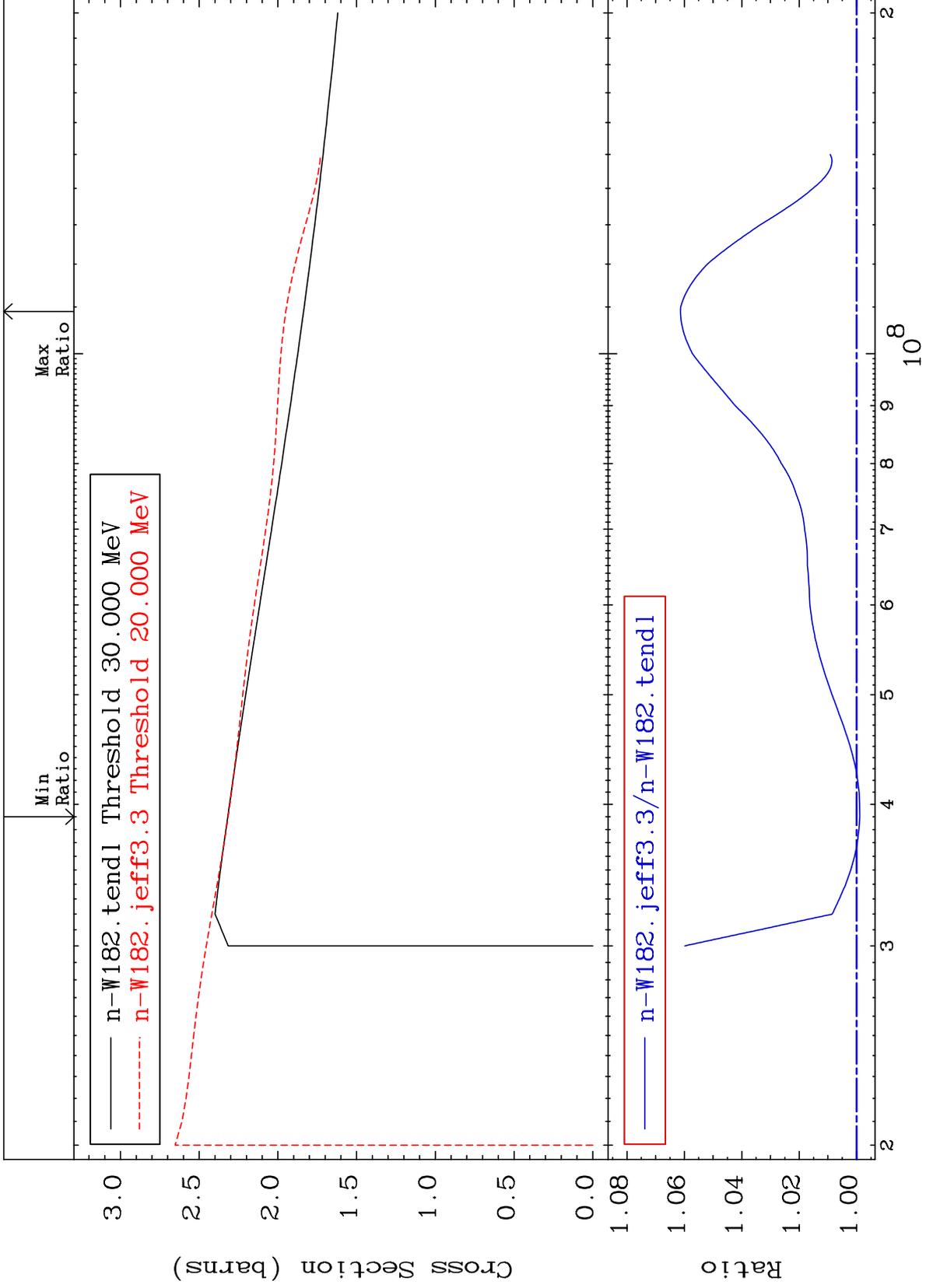
Incident Energy (eV)

74-W -182

MAT 7431

(n, remainder)
Cross Section

74-W -182
-0.110 To 6.134 %



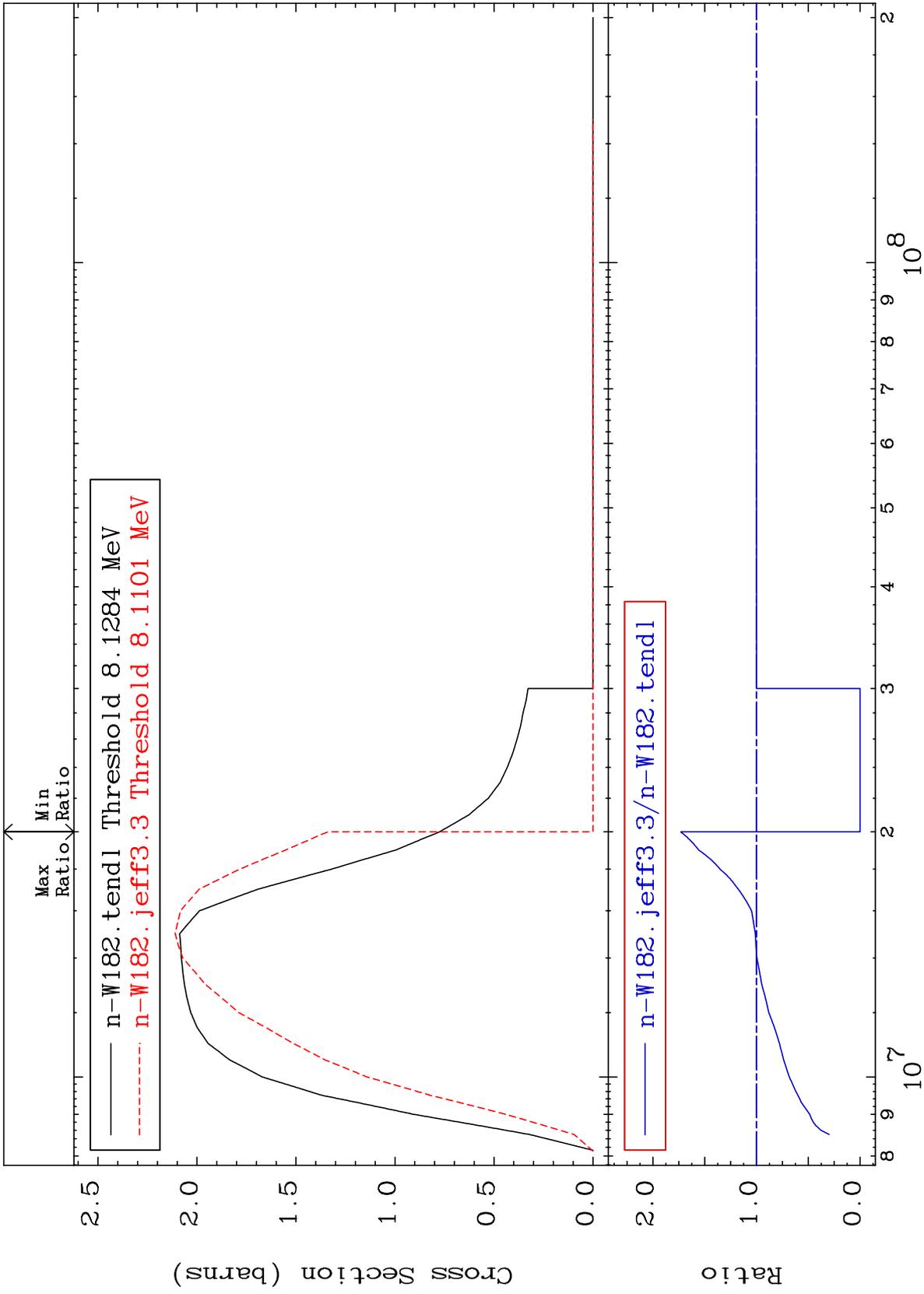
MAT 7431

(n,2n)

74-W -182

Cross Section

-100.0 To 73.09 %

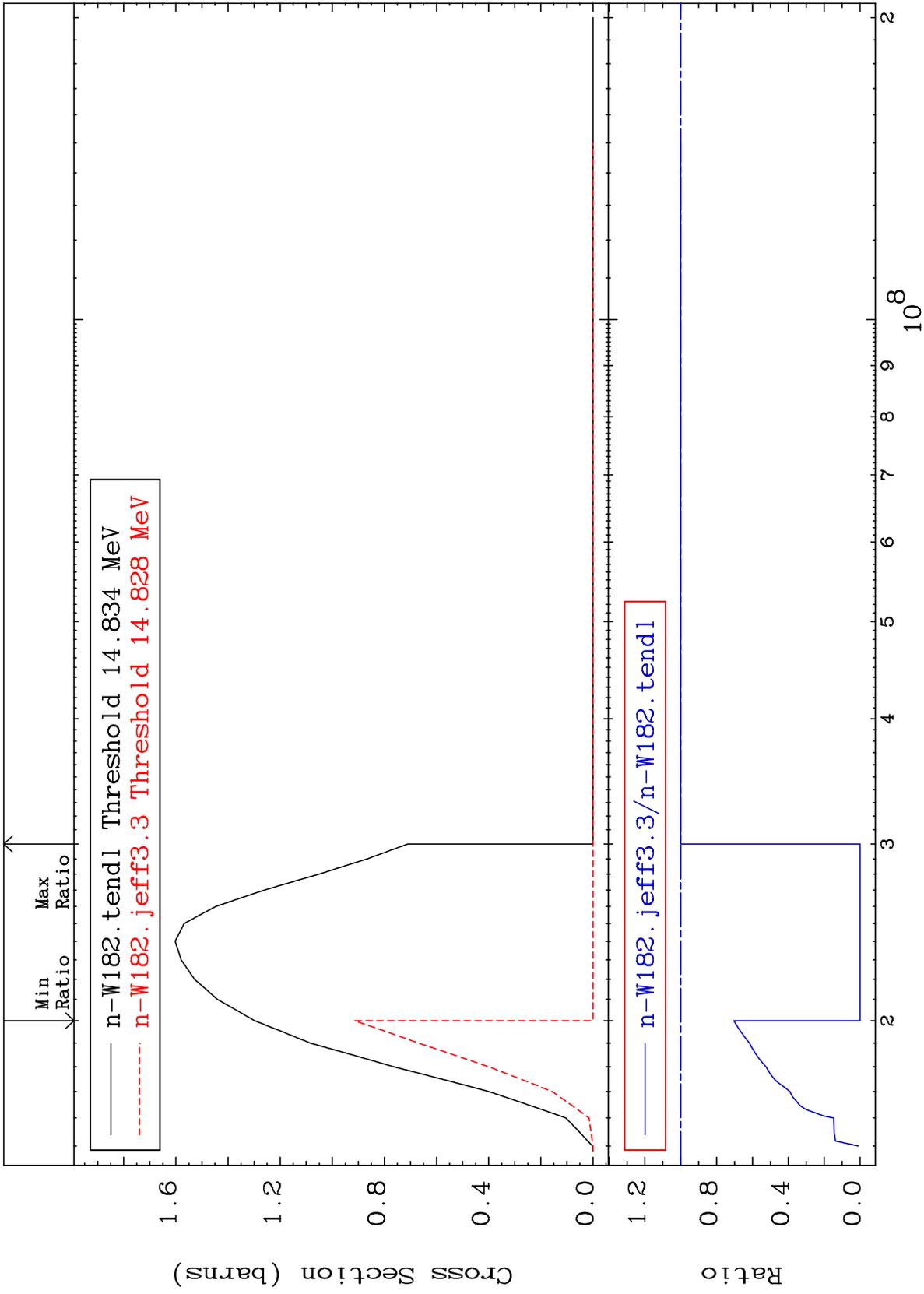


Incident Energy (eV)

74-W -182

Cross Section

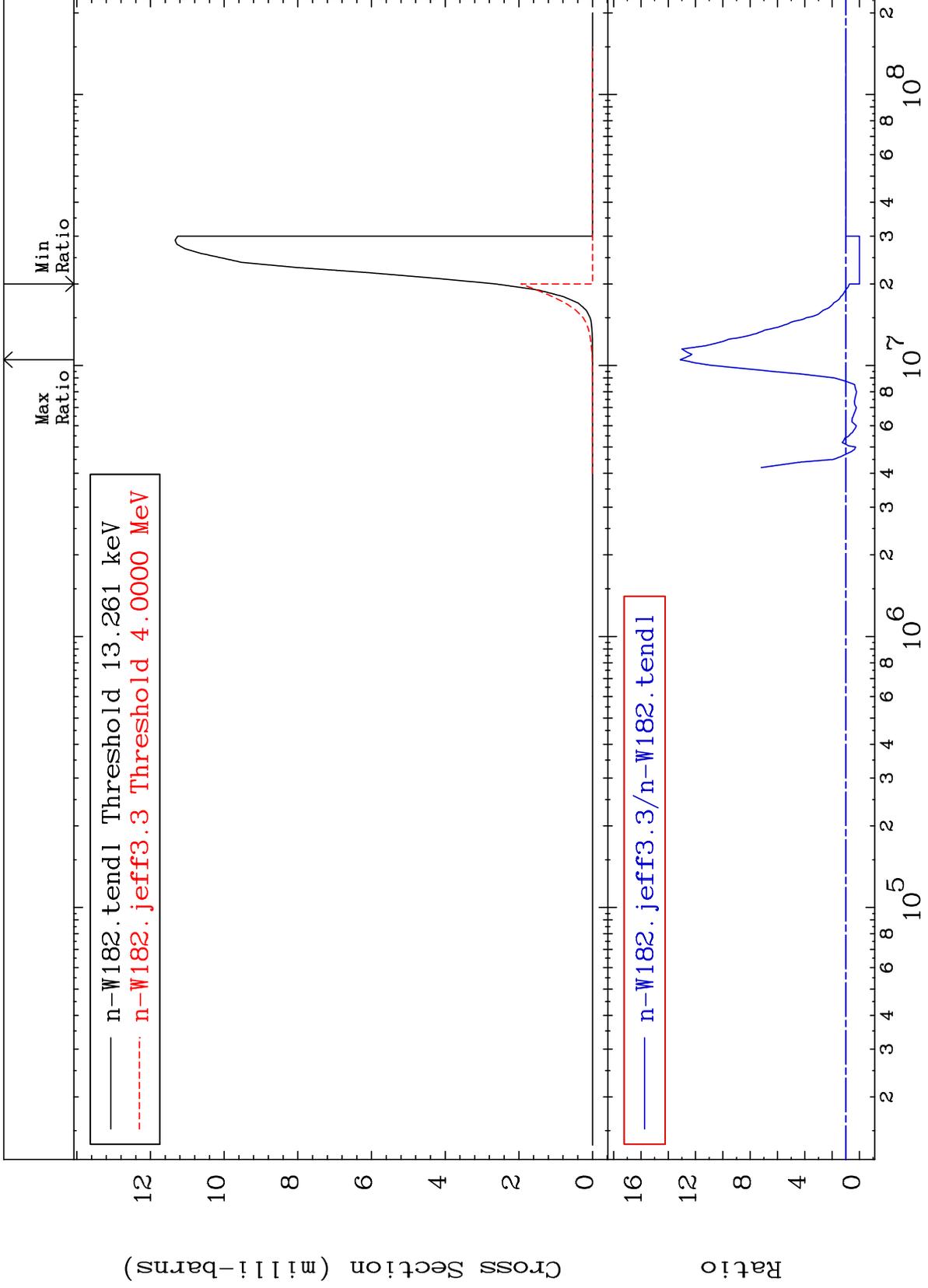
-100.0 To 0.000 %



MAT 7431

(n,n') α
Cross Section

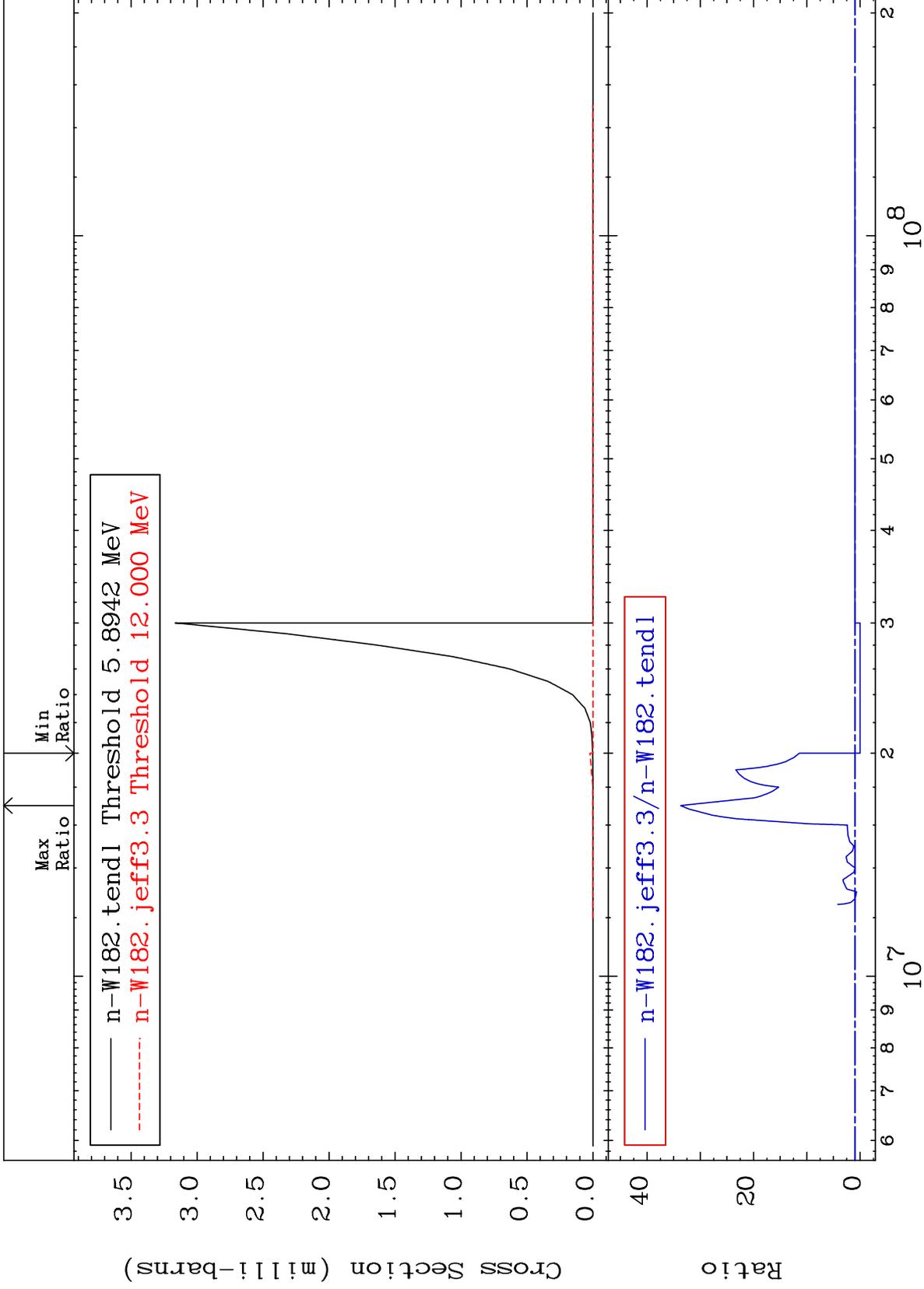
74-W -182
-100.0 To 1212. %



MAT 7431

(n,2n) α
Cross Section

74-W -182
-100.0 To 3267. %



8

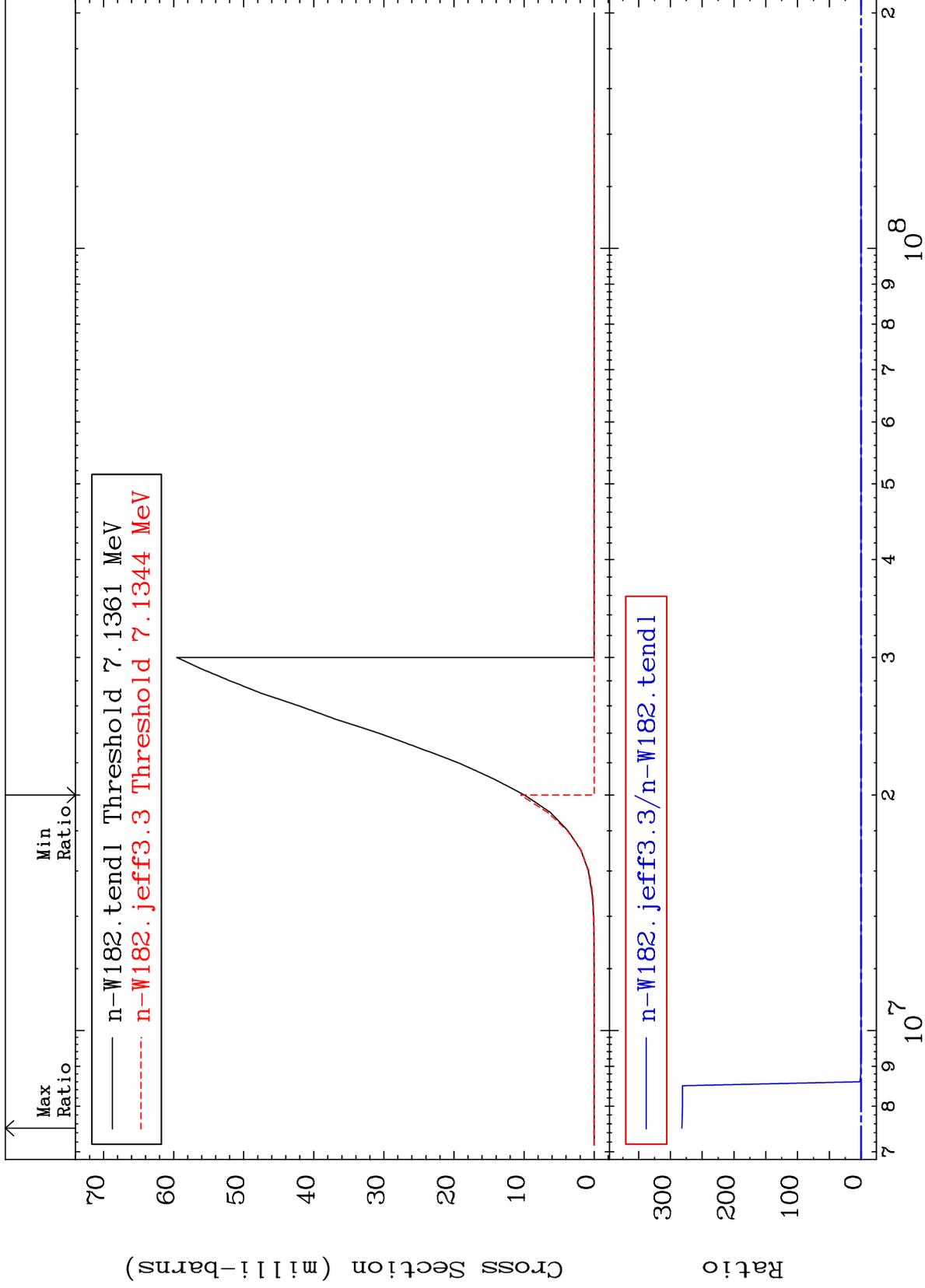
Incident Energy (eV)

74-W -182

MAT 7431

(n,n') p
Cross Section

74-W -182
-100.0 To 9999. %



9

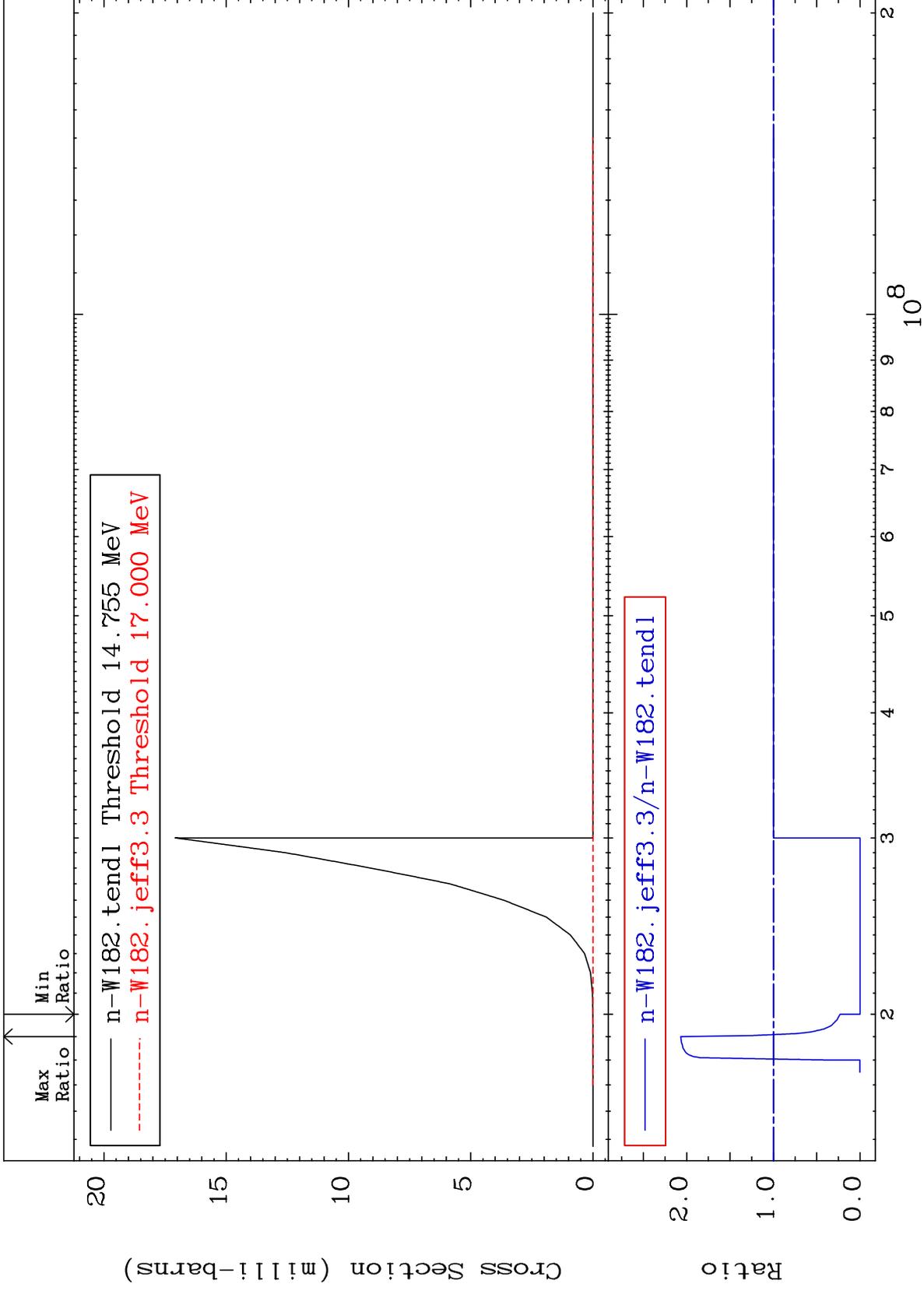
Incident Energy (eV)

74-W -182

MAT 7431

(n,2n) p
Cross Section

74-W -182
-100.0 To 106.8 %



10

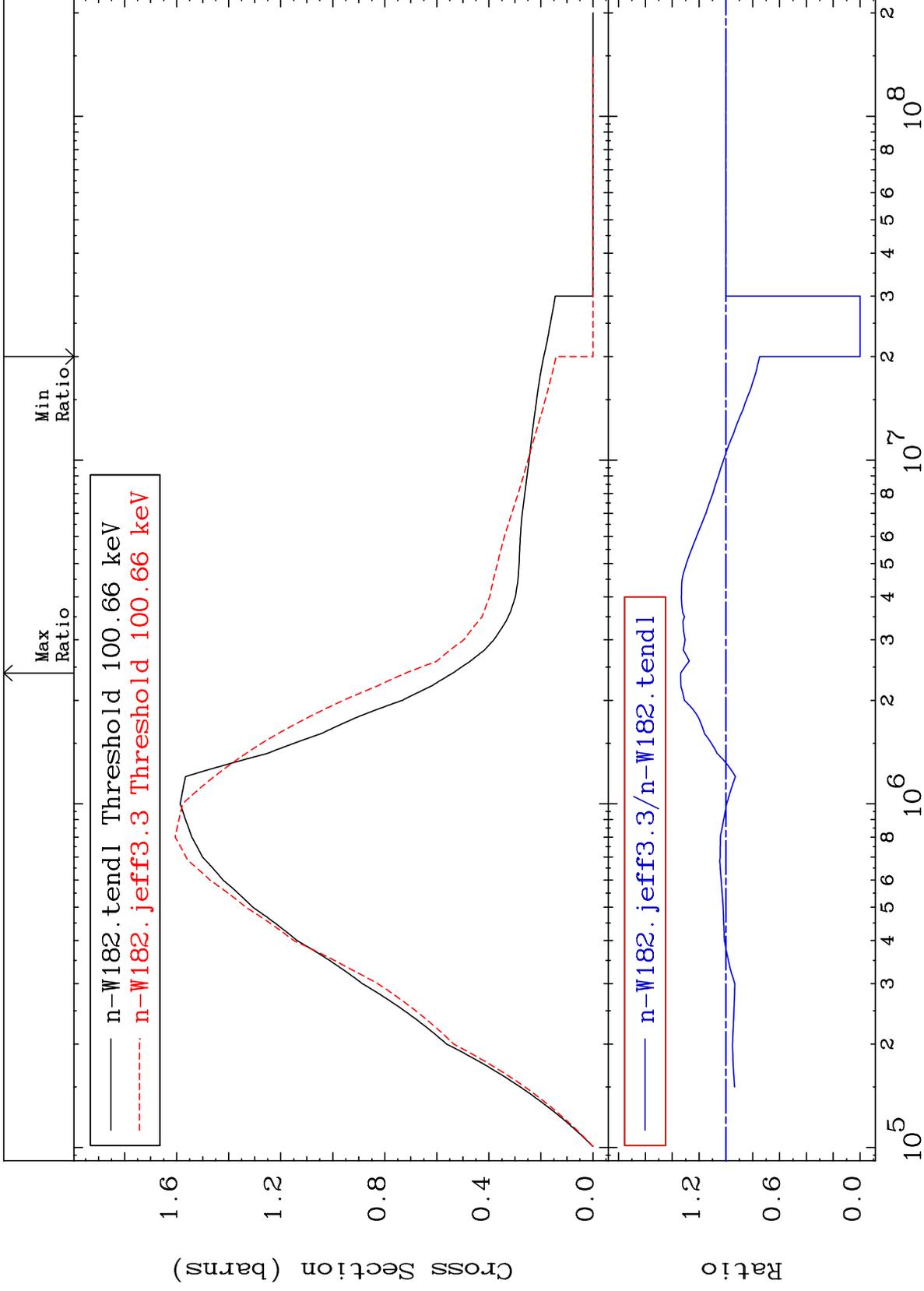
Incident Energy (eV)

74-W -182

MAT 7431

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

74-W -182
-100.0 To 33.63 %



11

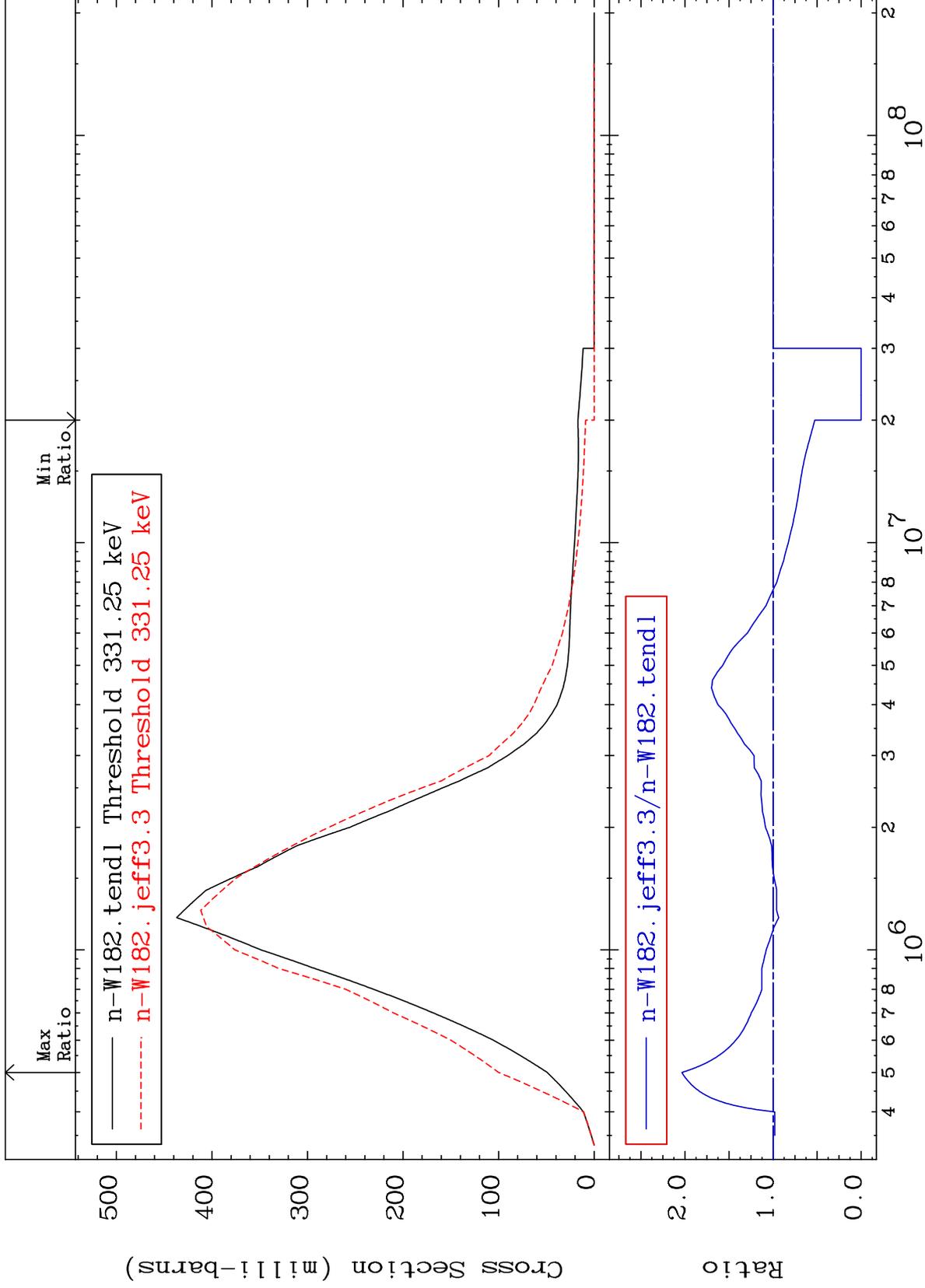
Incident Energy (eV)

74-W -182

MAT 7431

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

74-W -182
-100.0 To 103.4 %



12

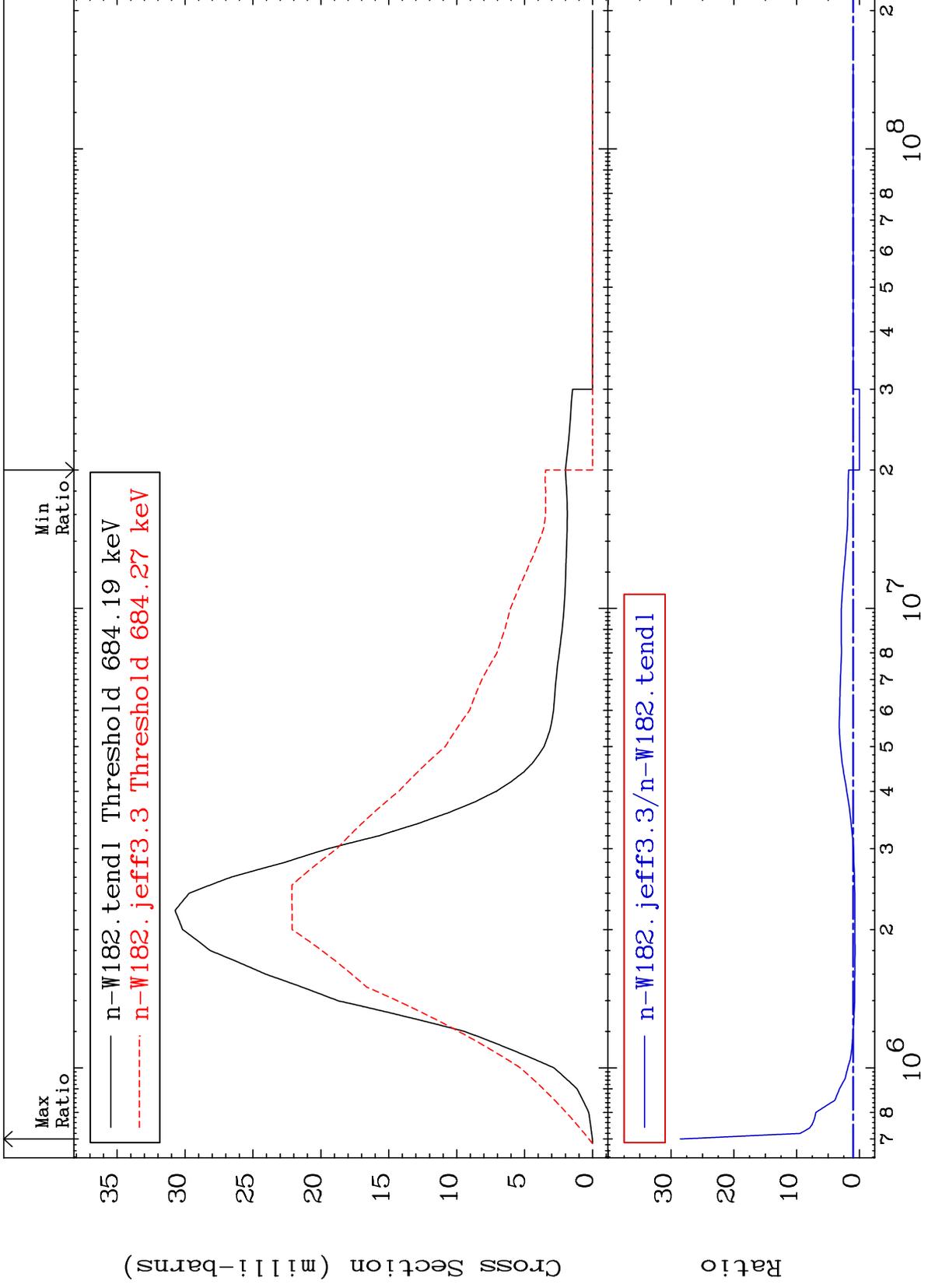
Incident Energy (eV)

74-W -182

MAT 7431

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

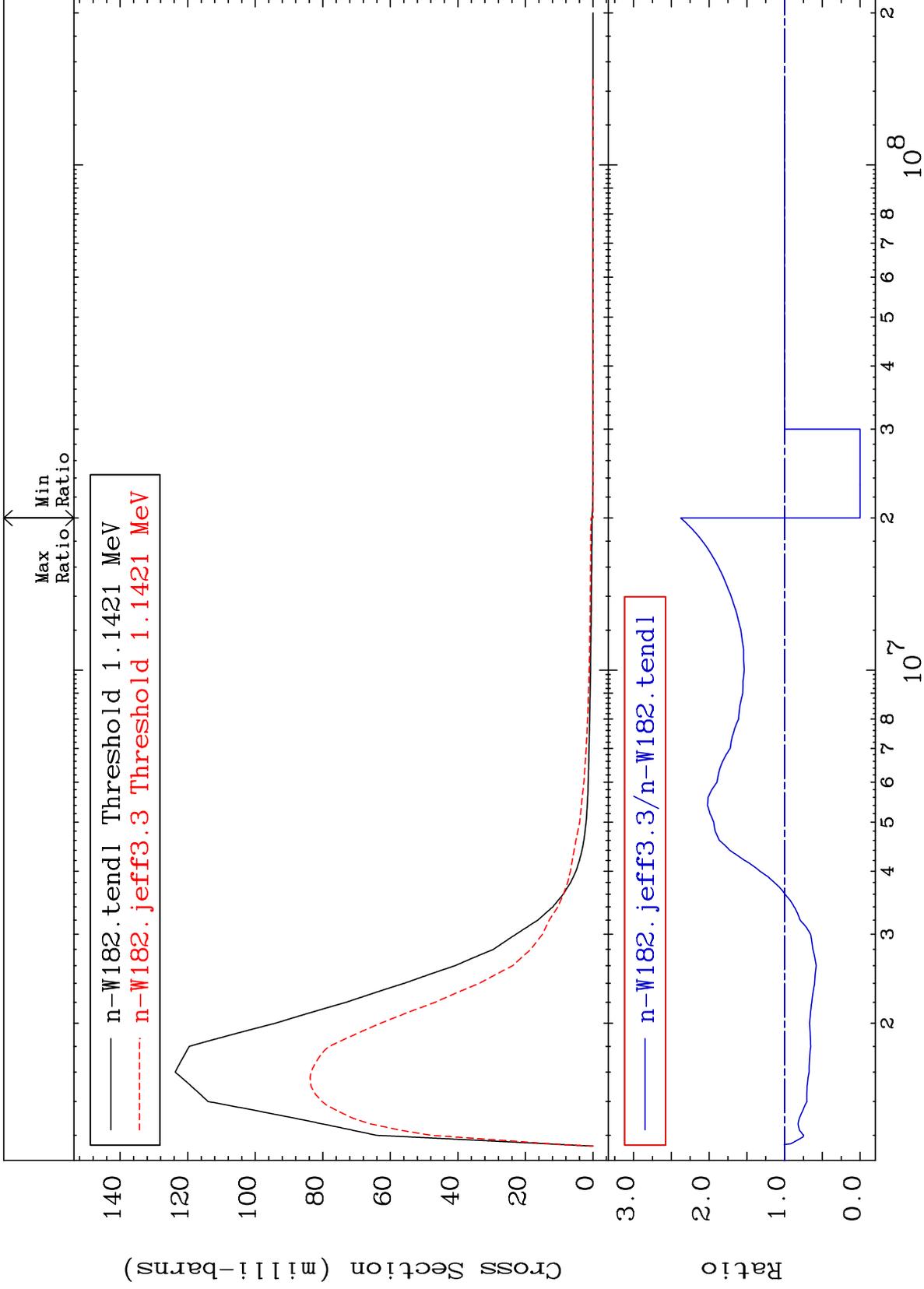
74-W -182
-100.0 To 2754. %



MAT 7431

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

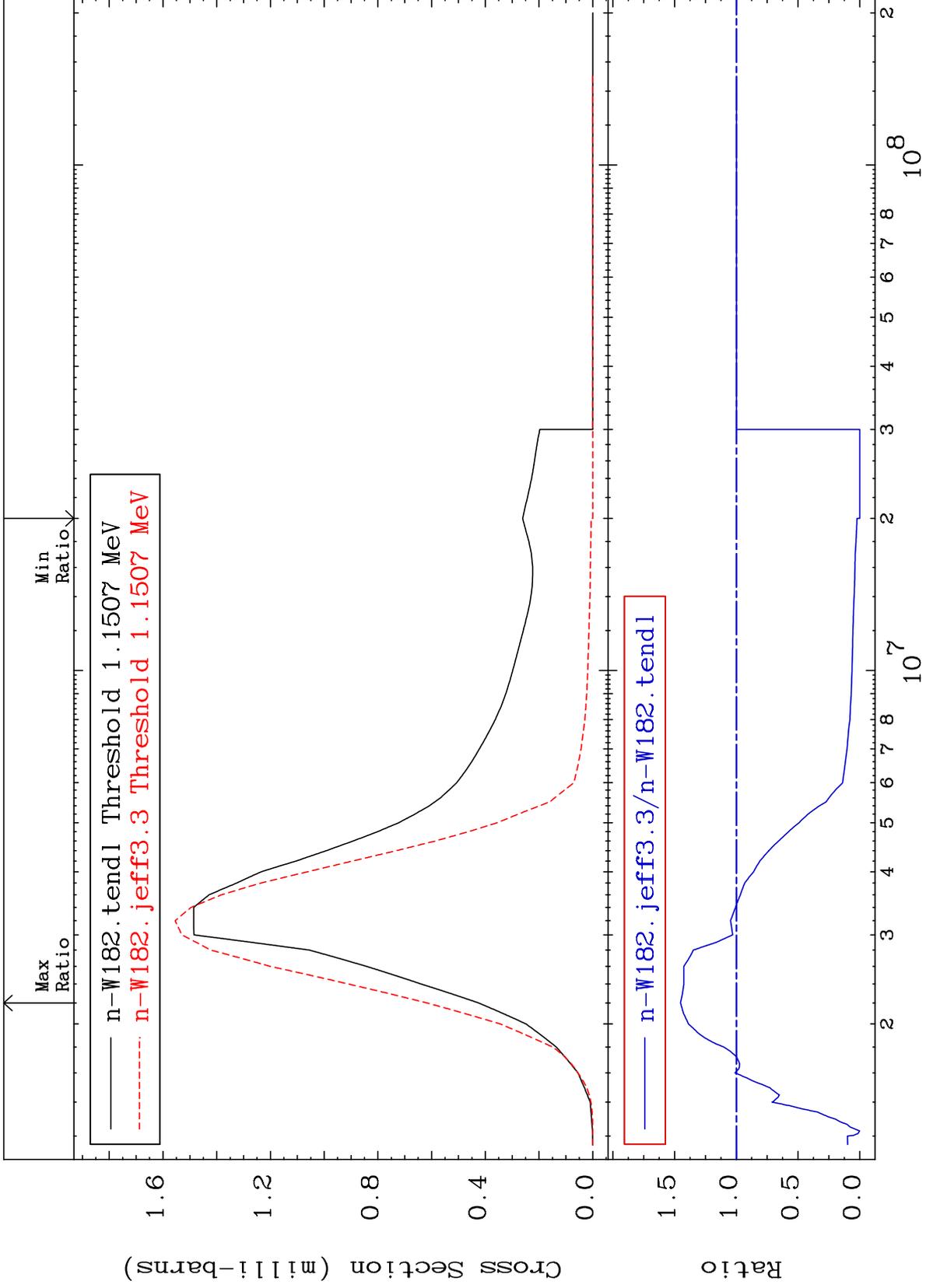
74-W -182
-100.0 To 137.5 %



MAT 7431

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

74-W -182
-100.0 To 45.19 %



15

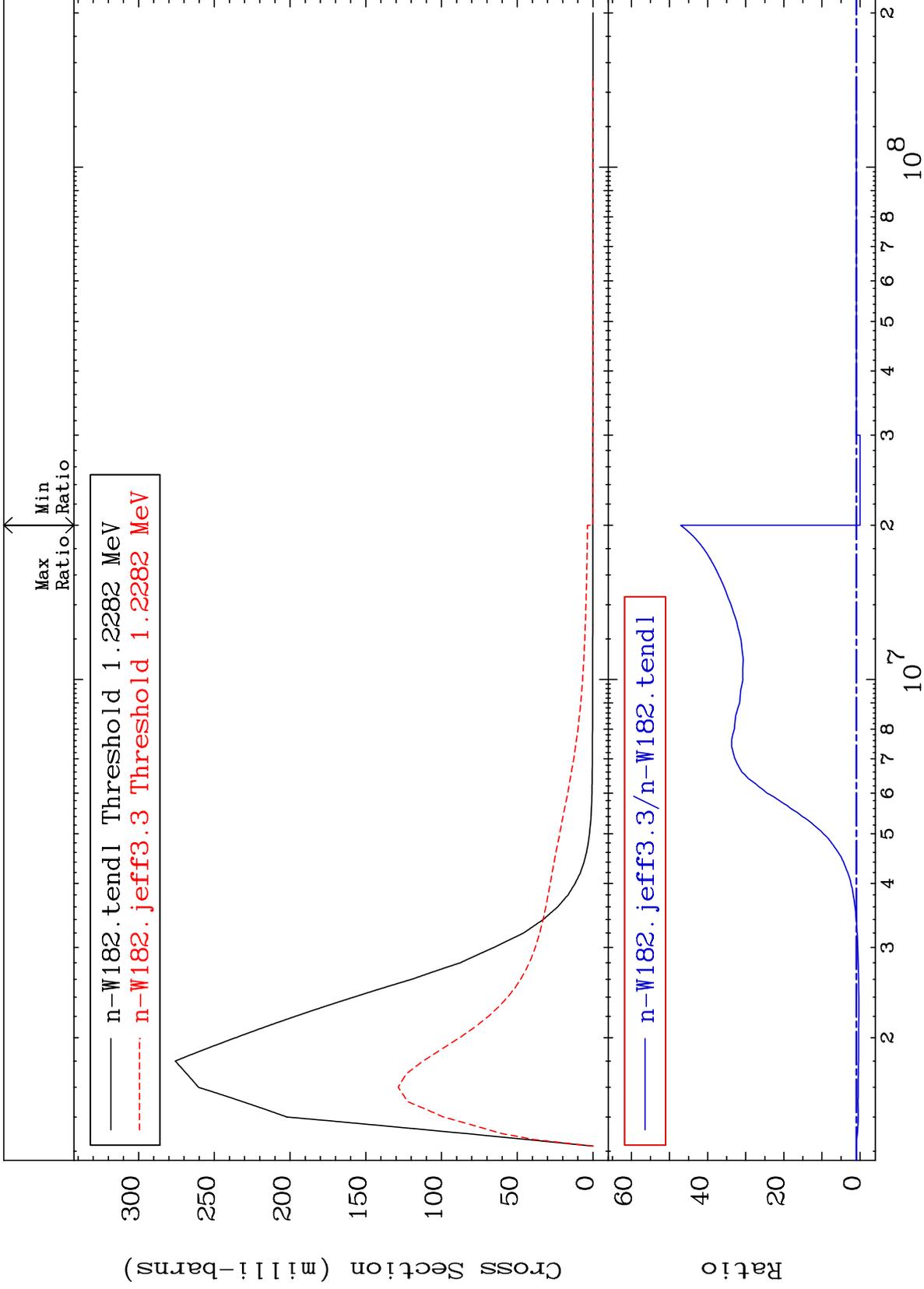
Incident Energy (eV)

74-W -182

MAT 7431

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

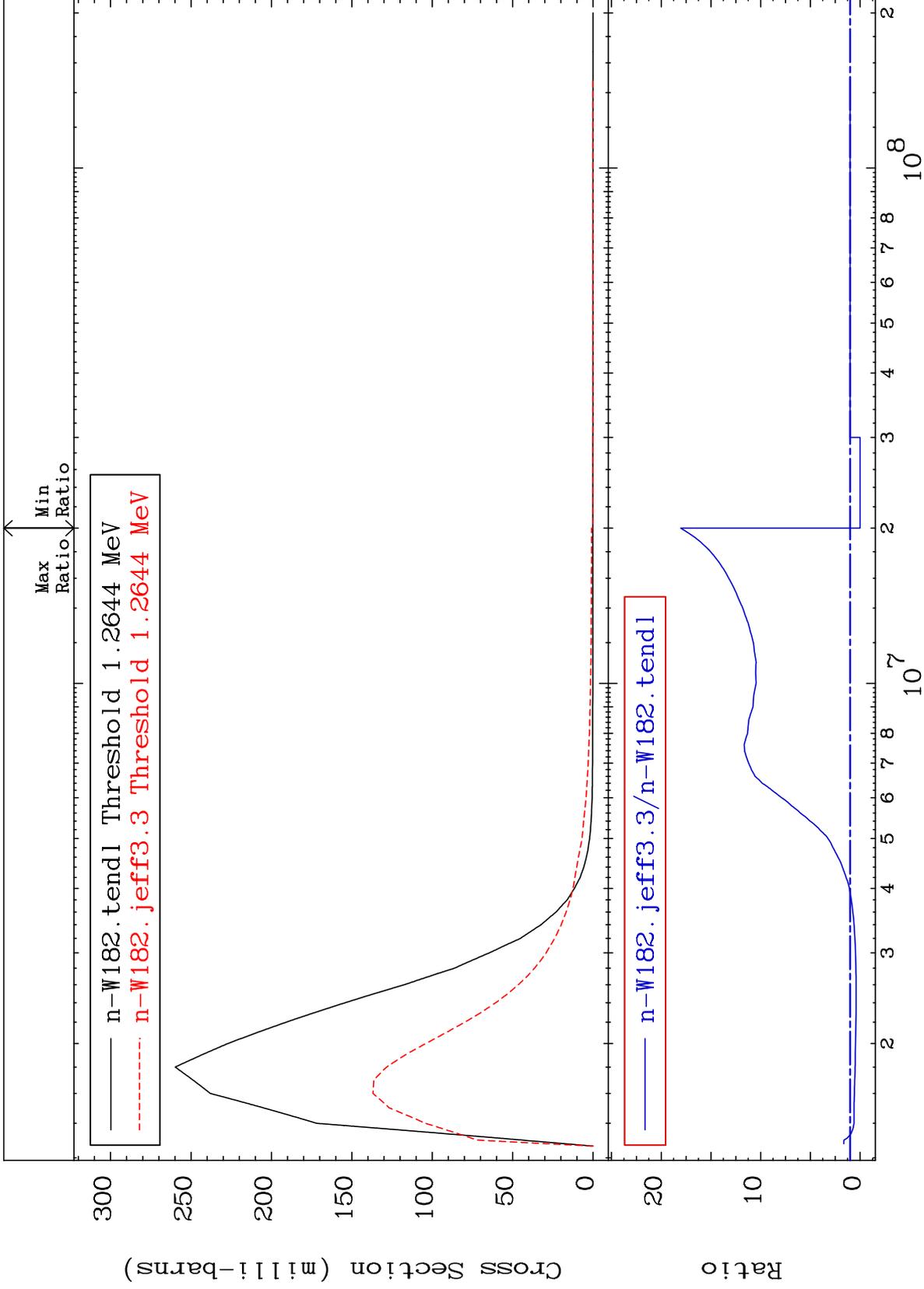
74-W -182
-100.0 To 4605. %



MAT 7431

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

74-W -182
-100.0 To 1703. %



17

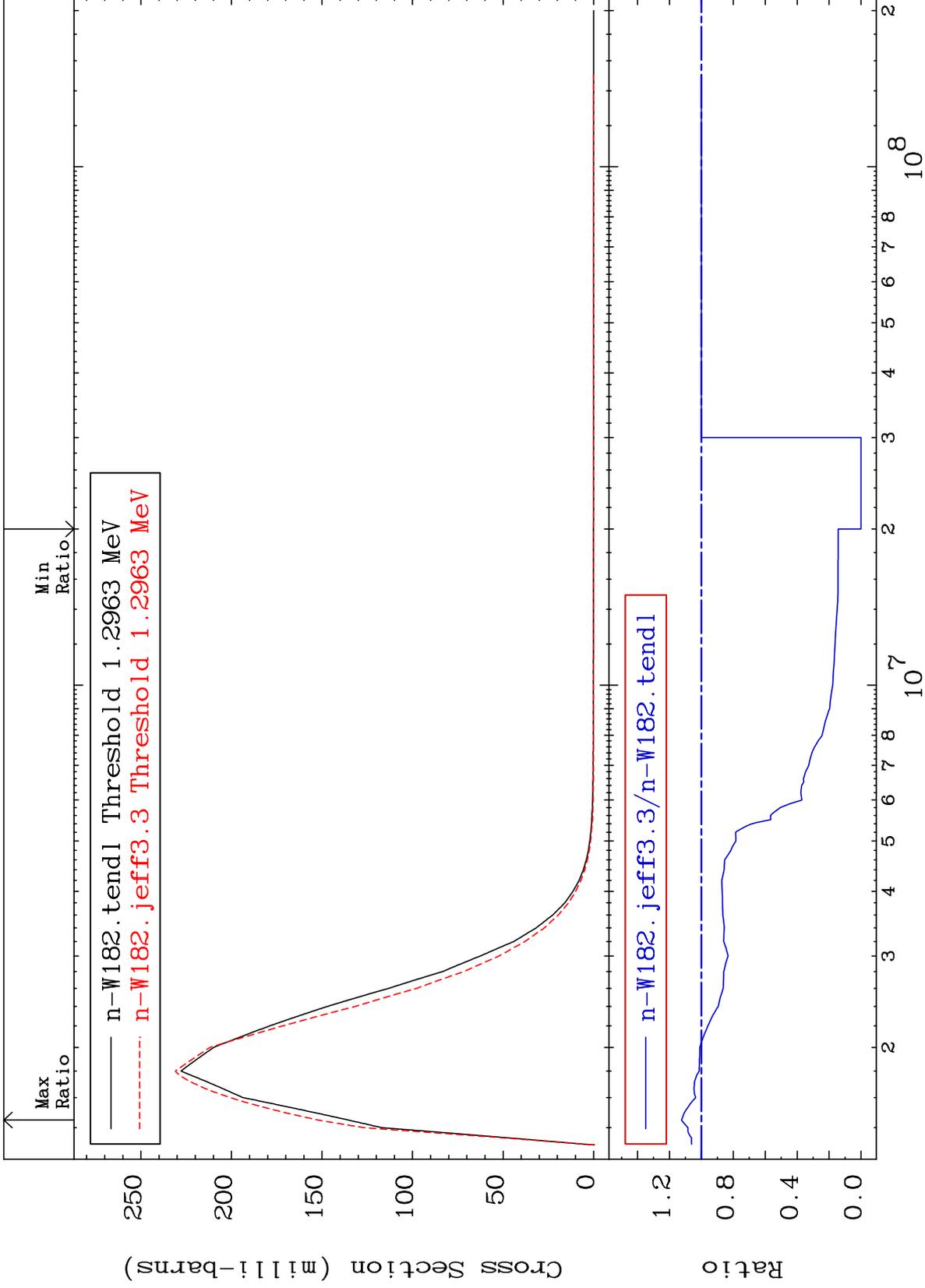
Incident Energy (eV)

74-W -182

MAT 7431

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

74-W -182
-100.0 To 12.46 %



18

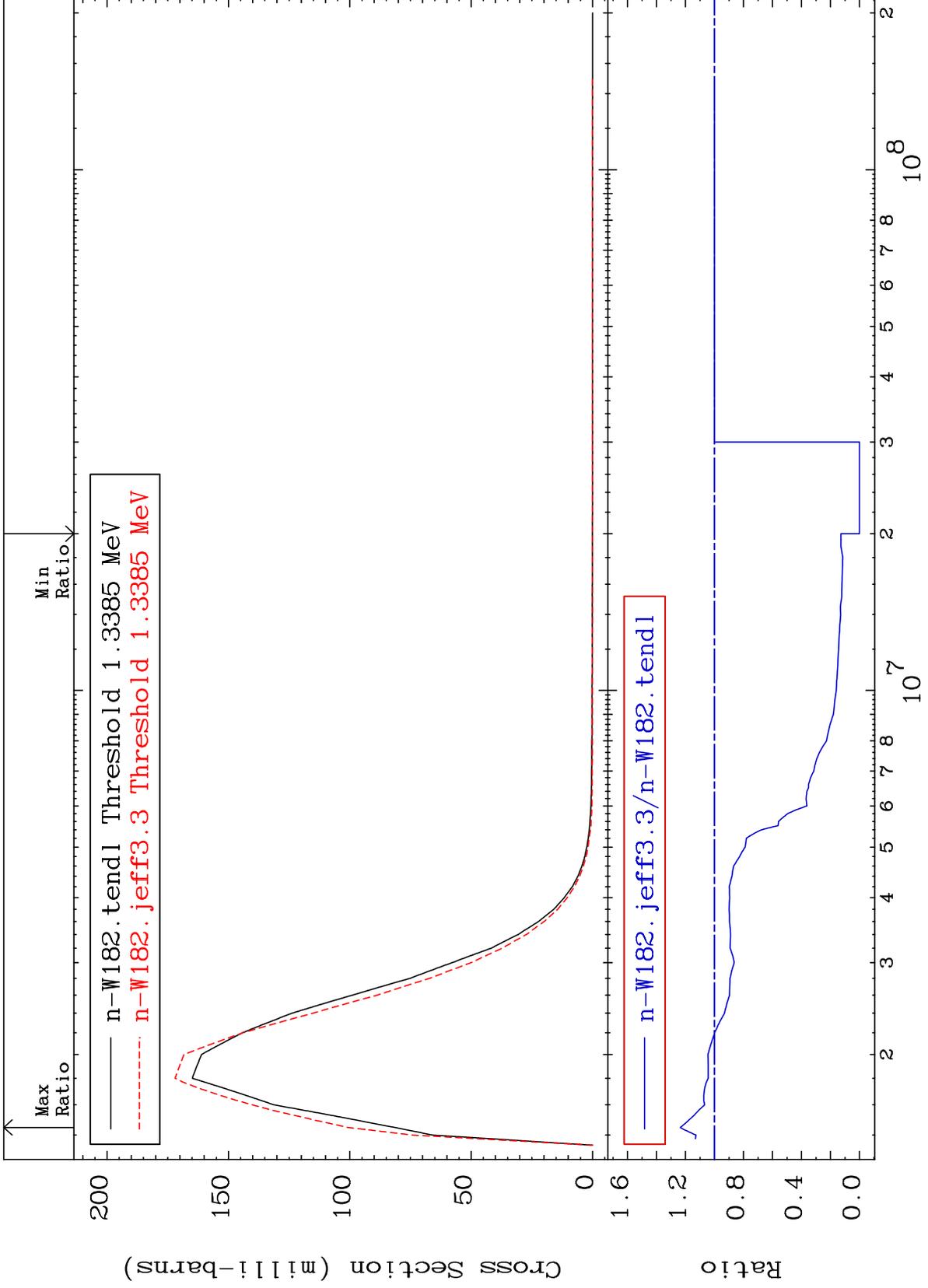
Incident Energy (eV)

74-W -182

MAT 7431

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

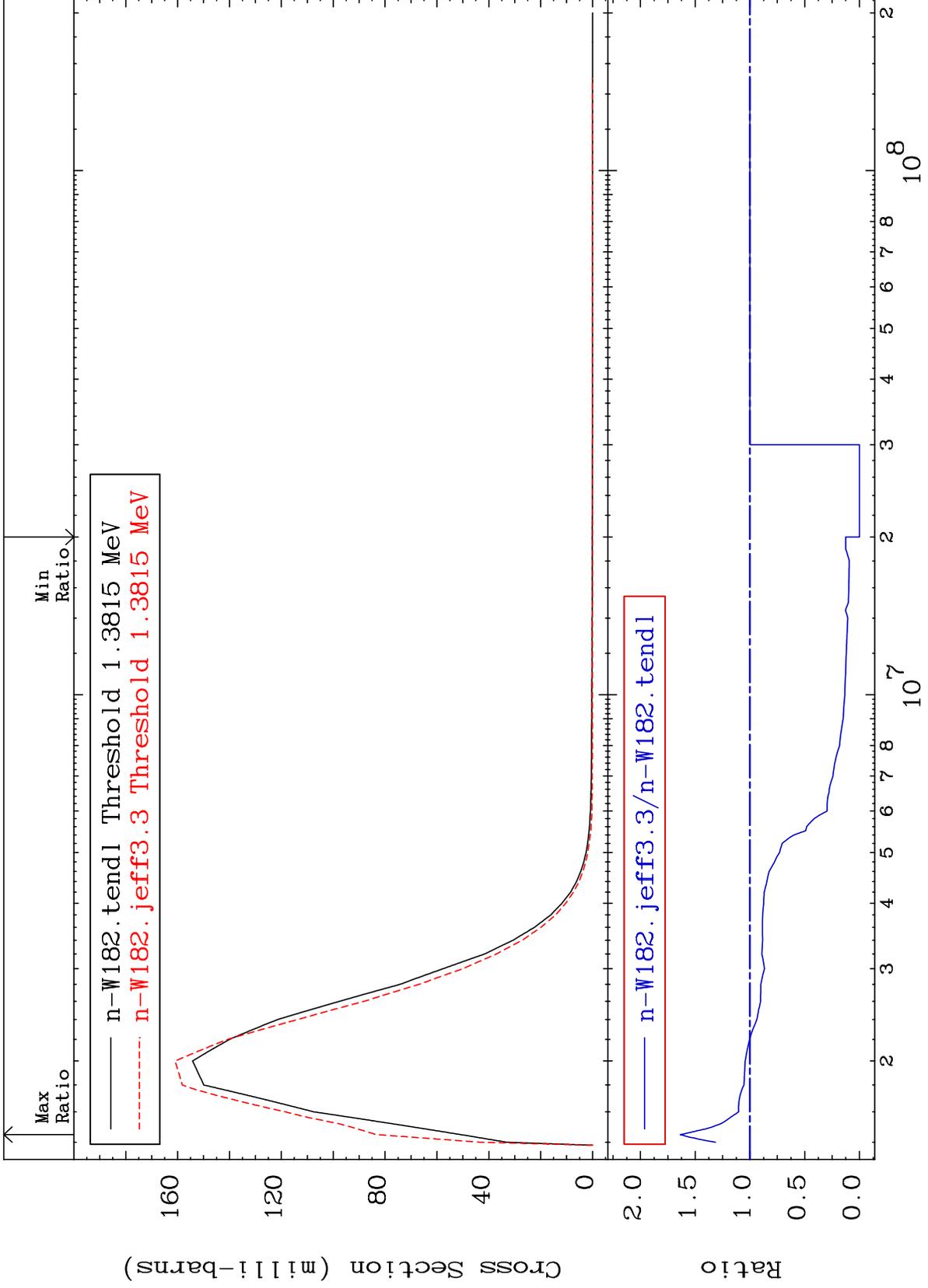
74-W -182
-100.0 To 23.60 %



MAT 7431

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

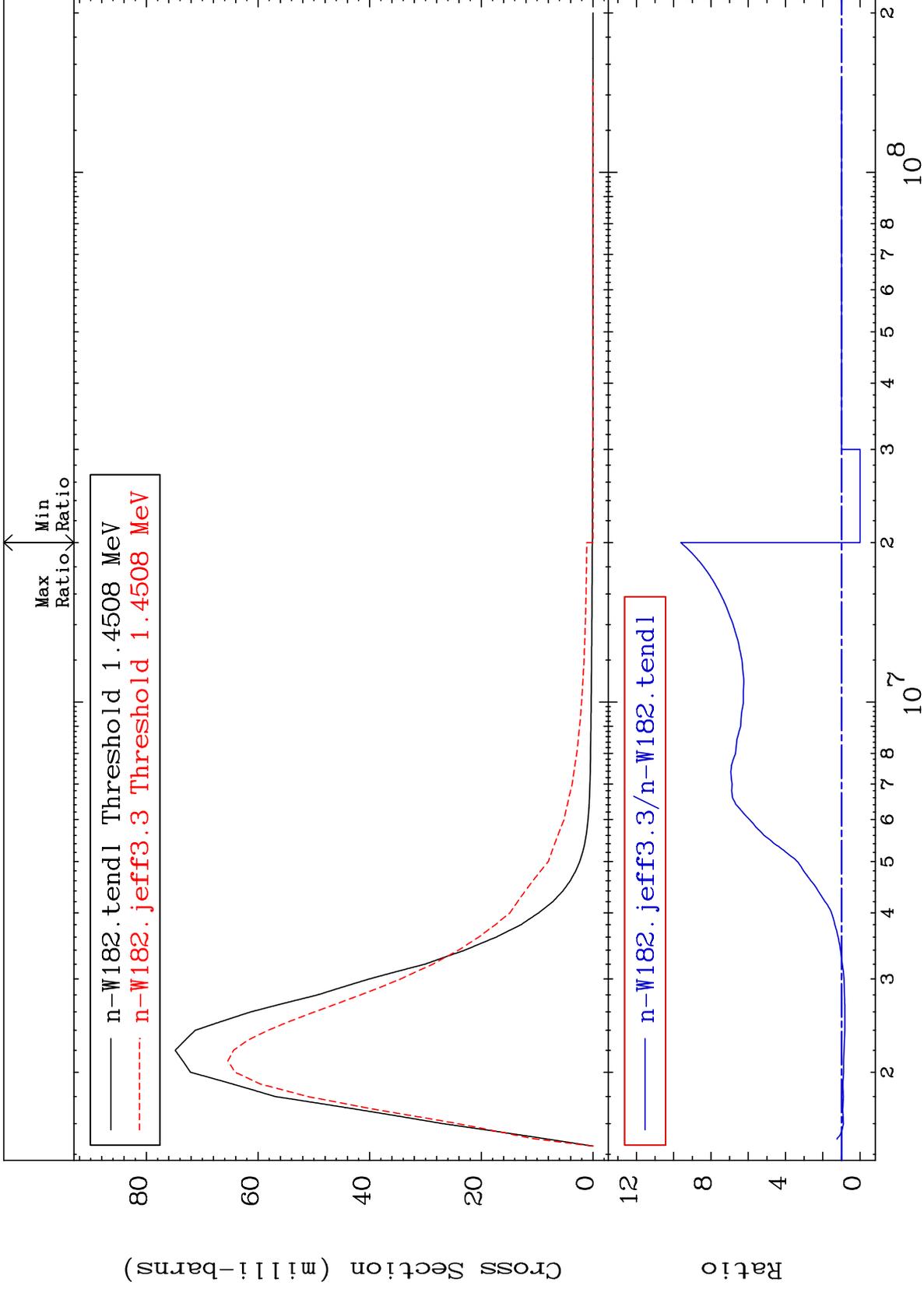
74-W -182
-100.0 To 63.64 %



MAT 7431

MT= 61 (n, n') Level
Cross Section

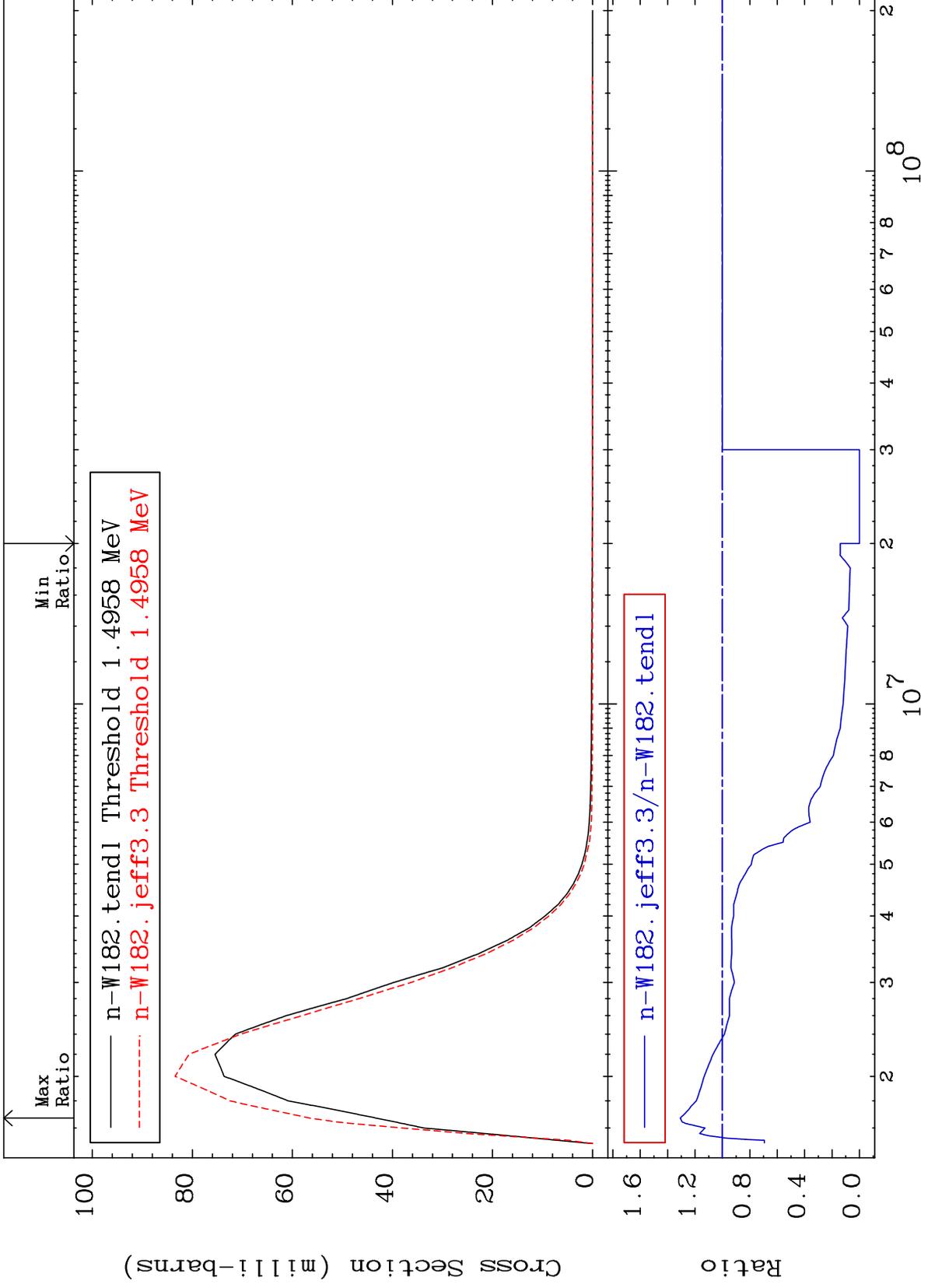
74-W -182
-100.0 To 862.1 %



MAT 7431

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

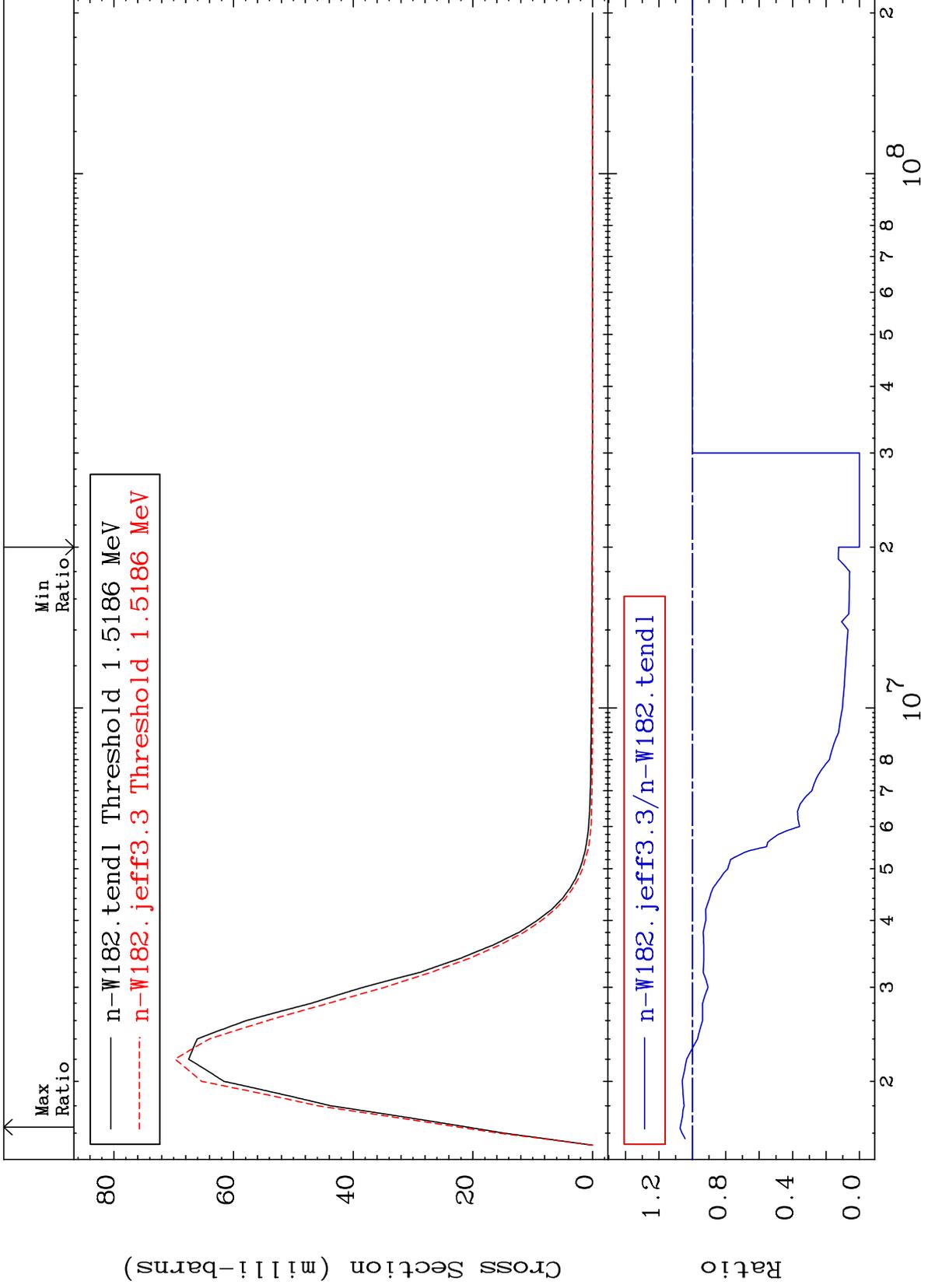
74-W -182
-100.0 To 30.78 %



MAT 7431

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

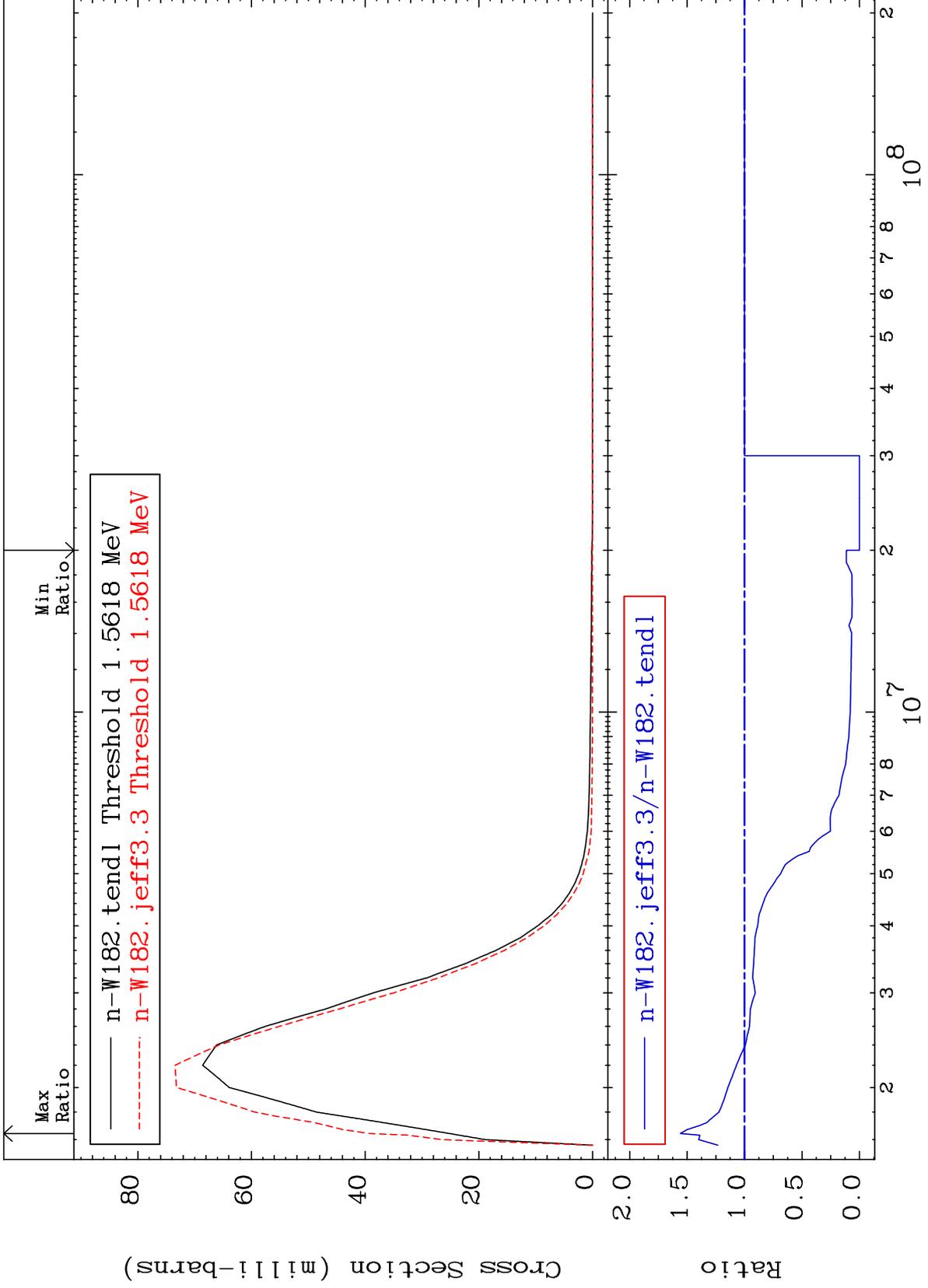
74-W -182
-100.0 To 7.214 %



MAT 7431

MT= 64 (n, n') Level
Cross Section

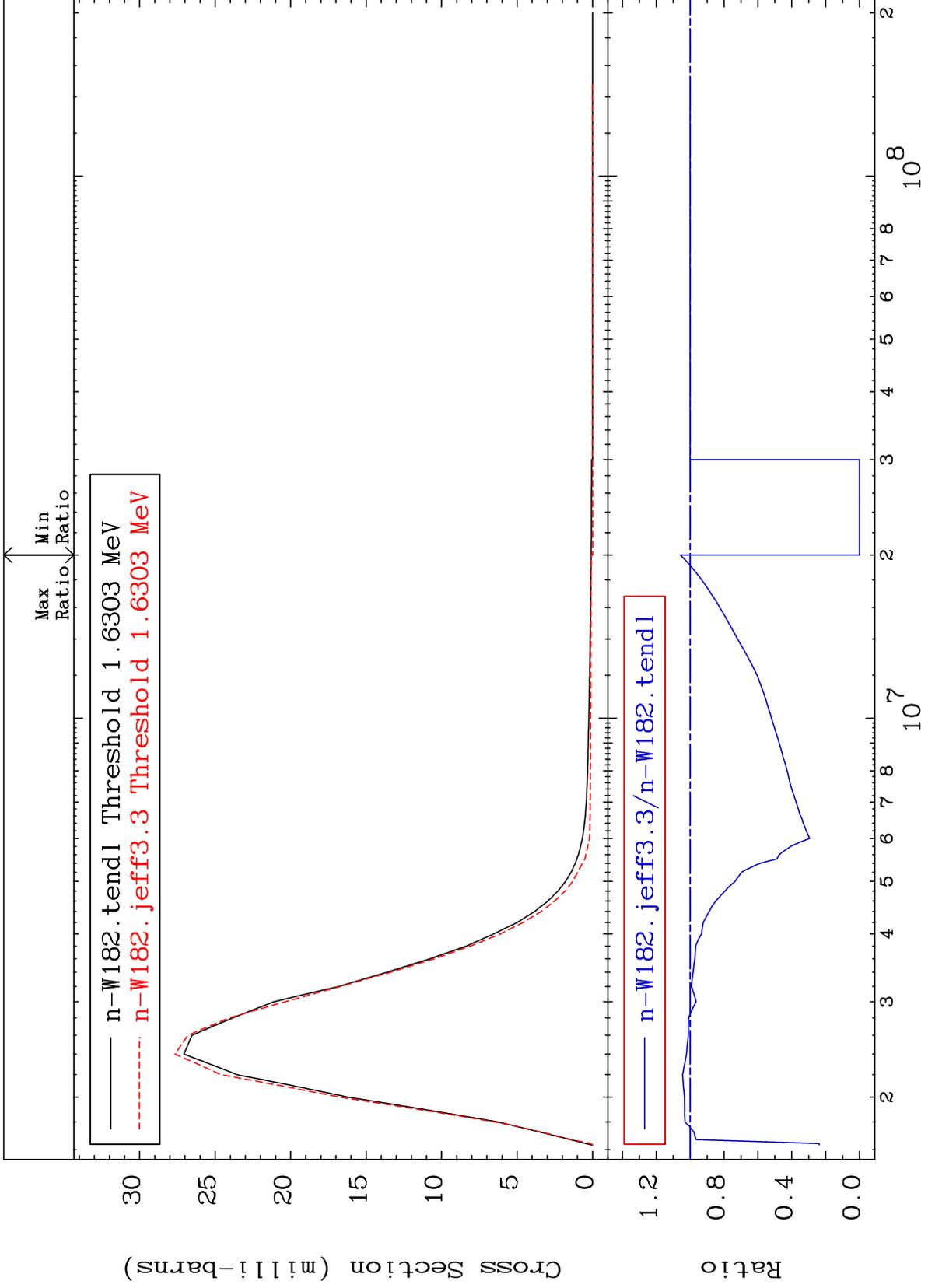
74-W -182
-100.0 To 55.93 %



MAT 7431

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

74-W -182
-100.0 To 5.824 %



25

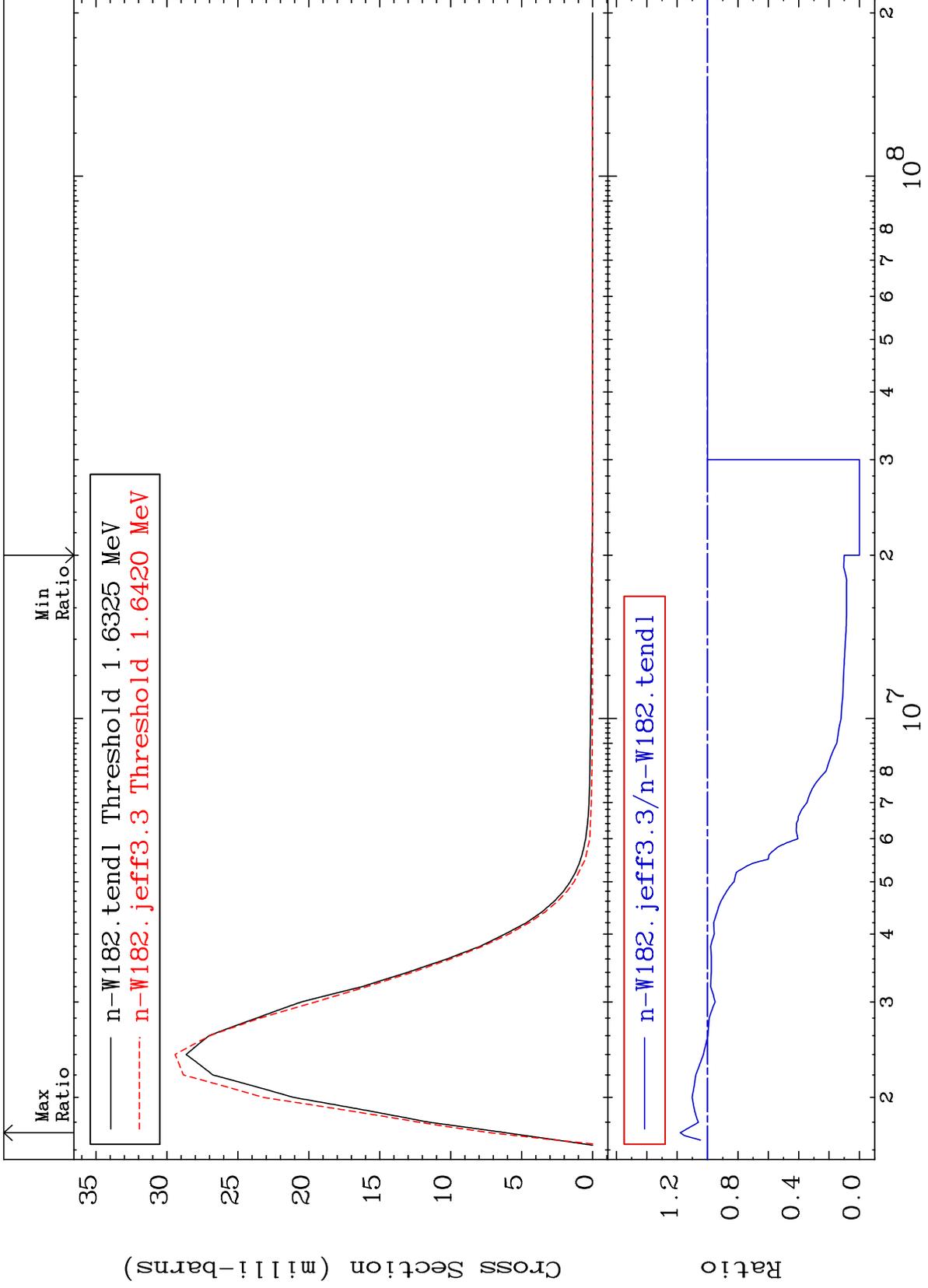
Incident Energy (eV)

74-W -182

MAT 7431

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

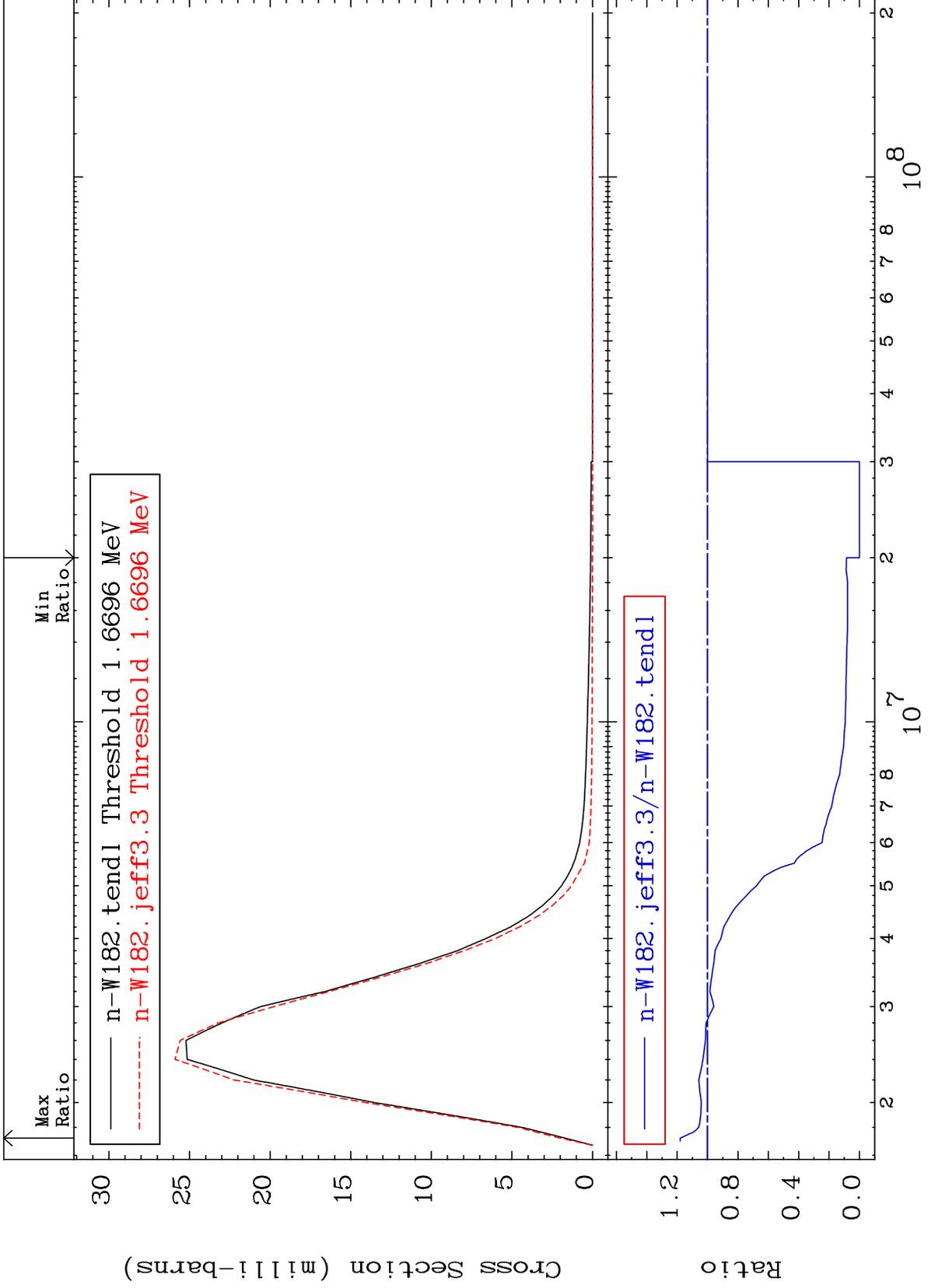
74-W -182
-100.0 To 17.97 %



MAT 7431

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

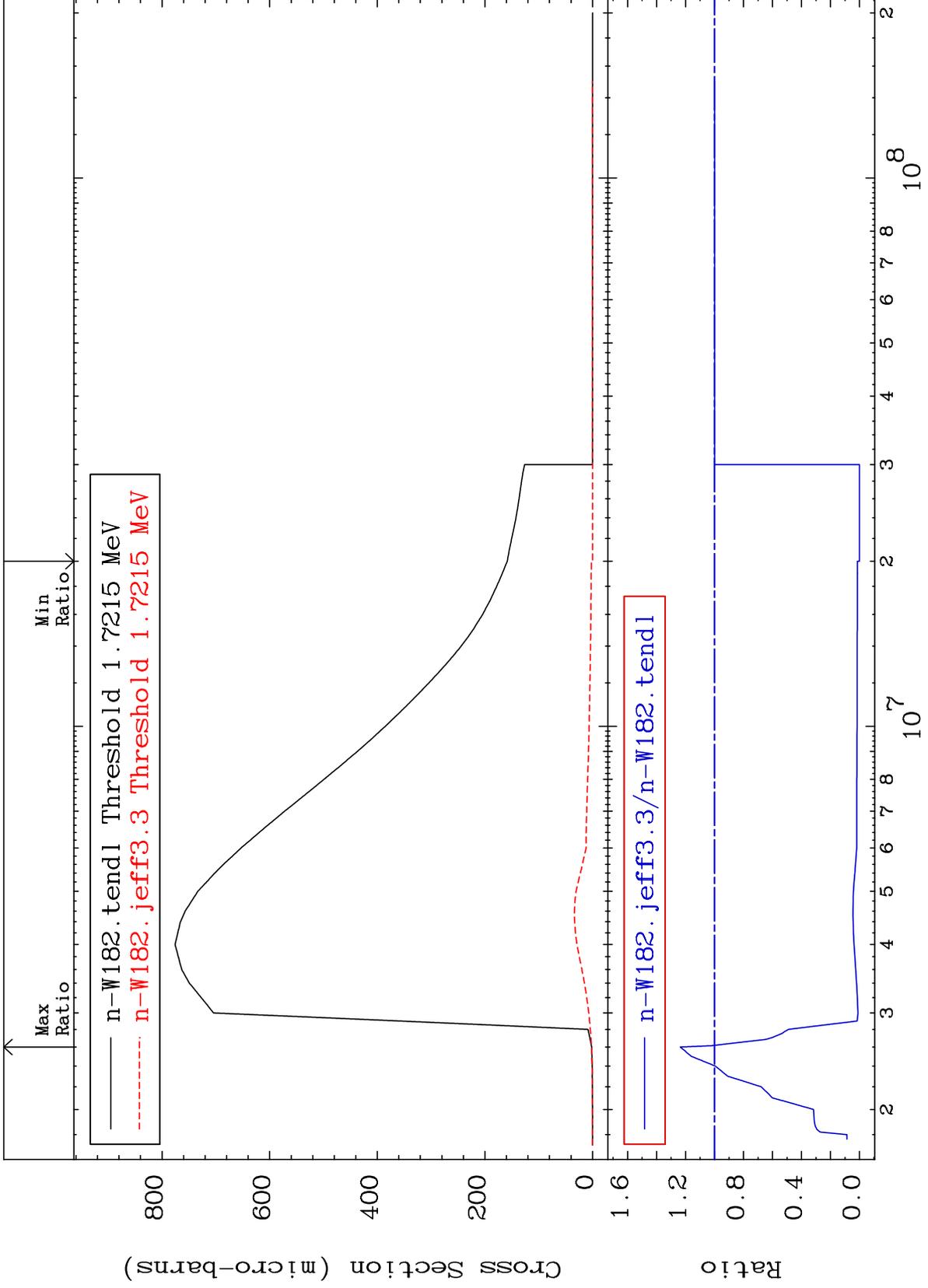
74-W -182
-100.0 To 17.98 %



MAT 7431

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

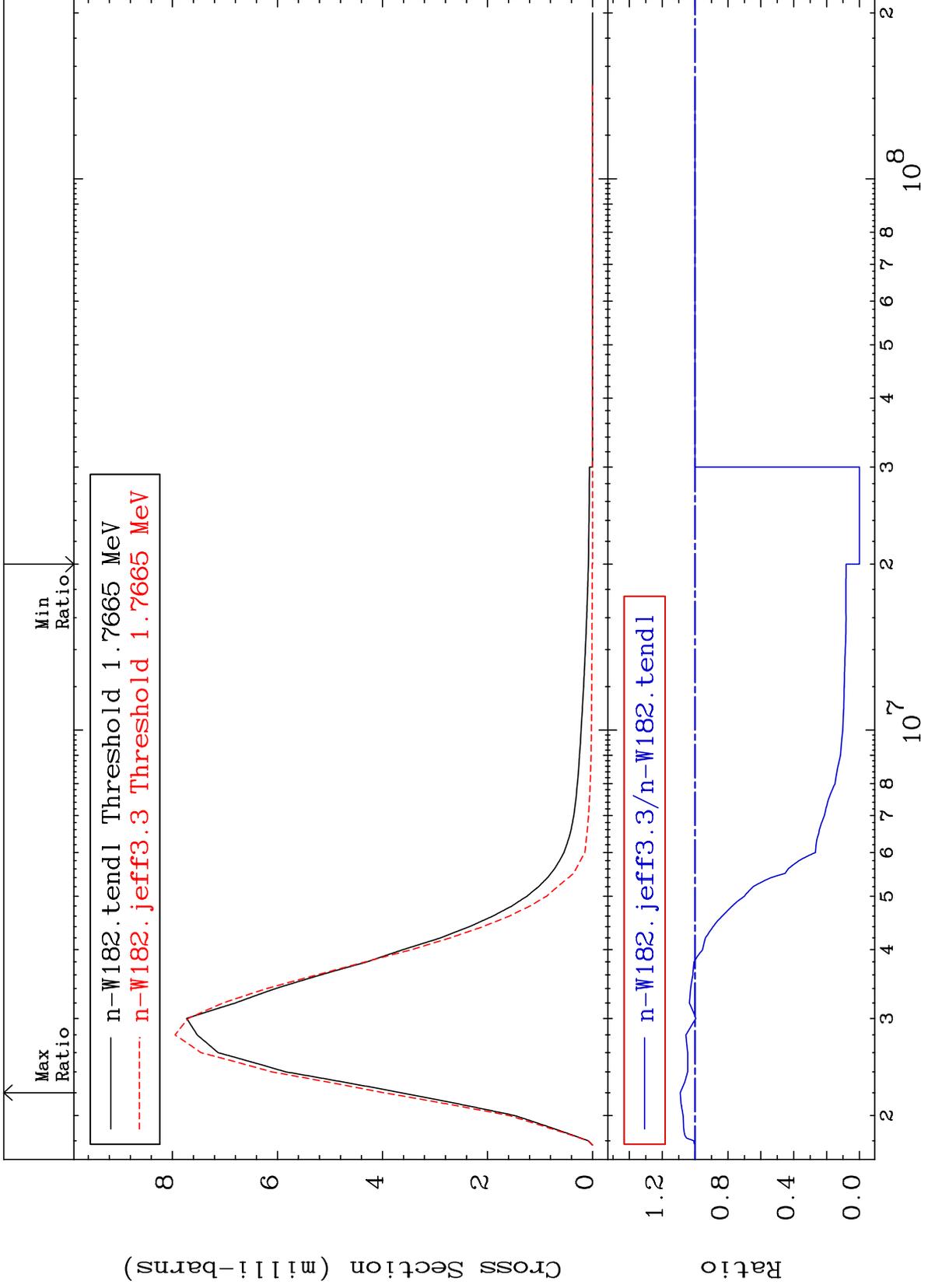
74-W -182
-100.0 To 23.66 %



MAT 7431

MT= 69 (n,n') Level
Cross Section

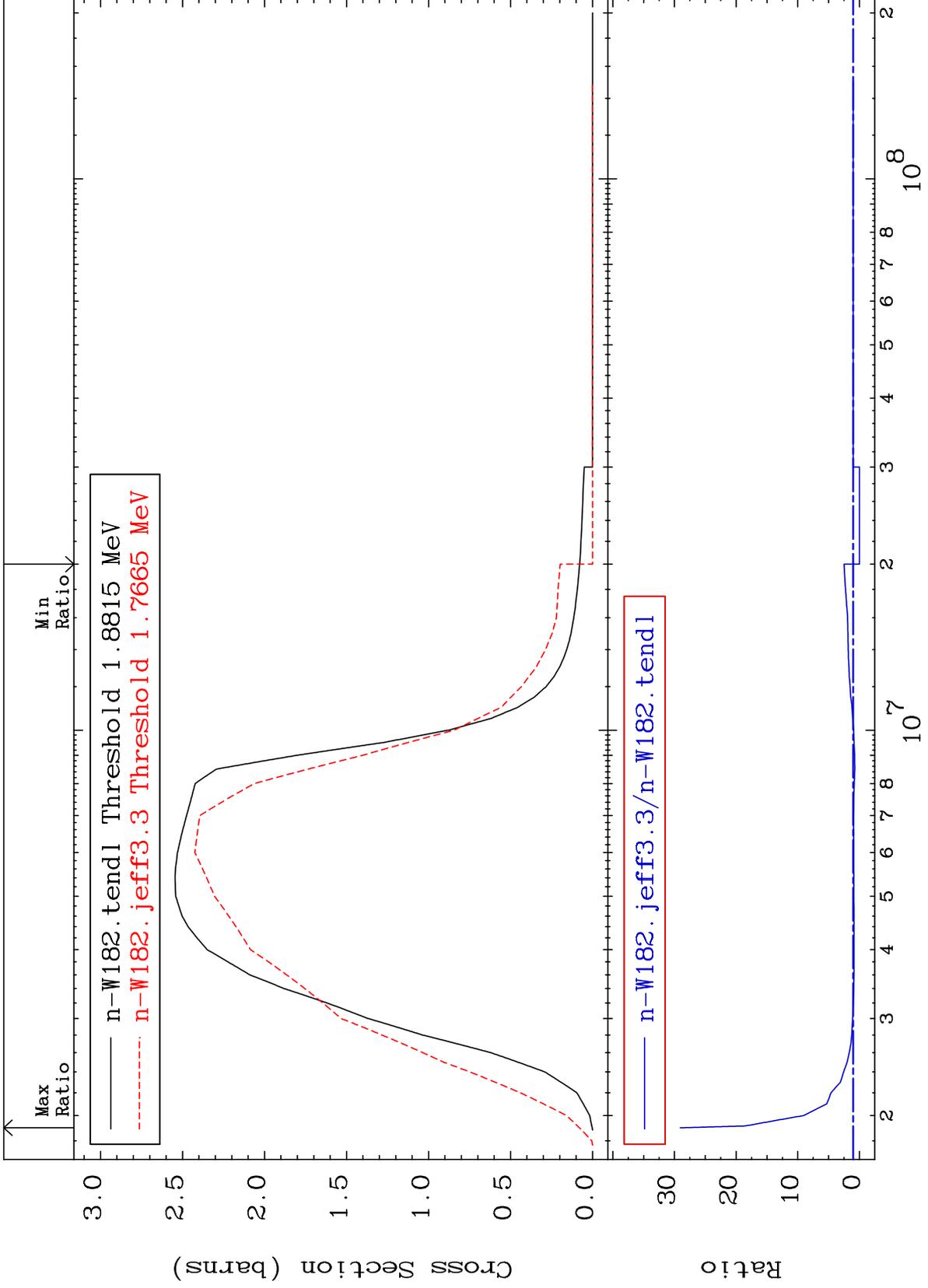
74-W -182
-100.0 To 9.047 %



MAT 7431

(n, n') Continuum
Cross Section

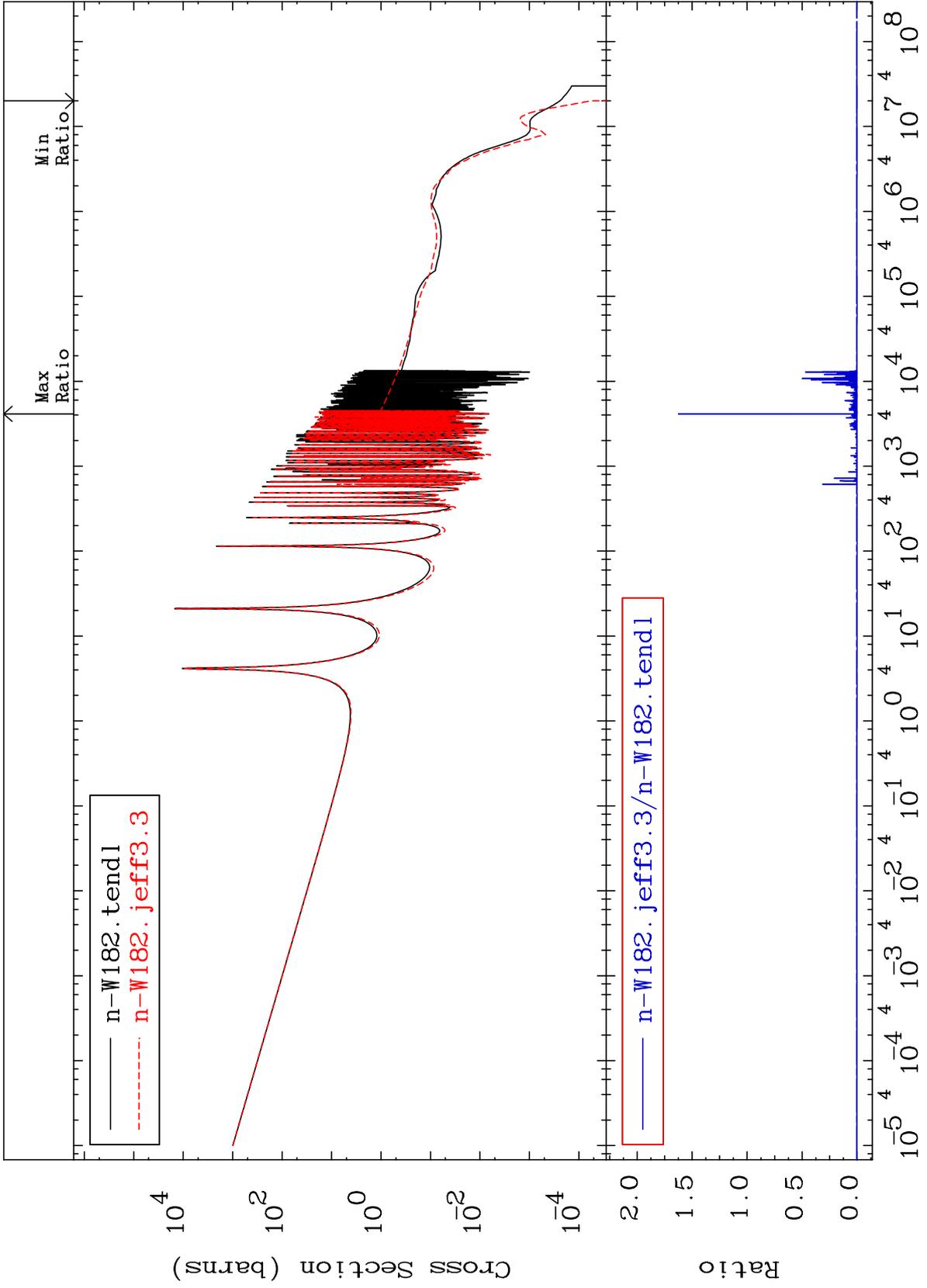
74-W -182
-100.0 To 2806. %



30

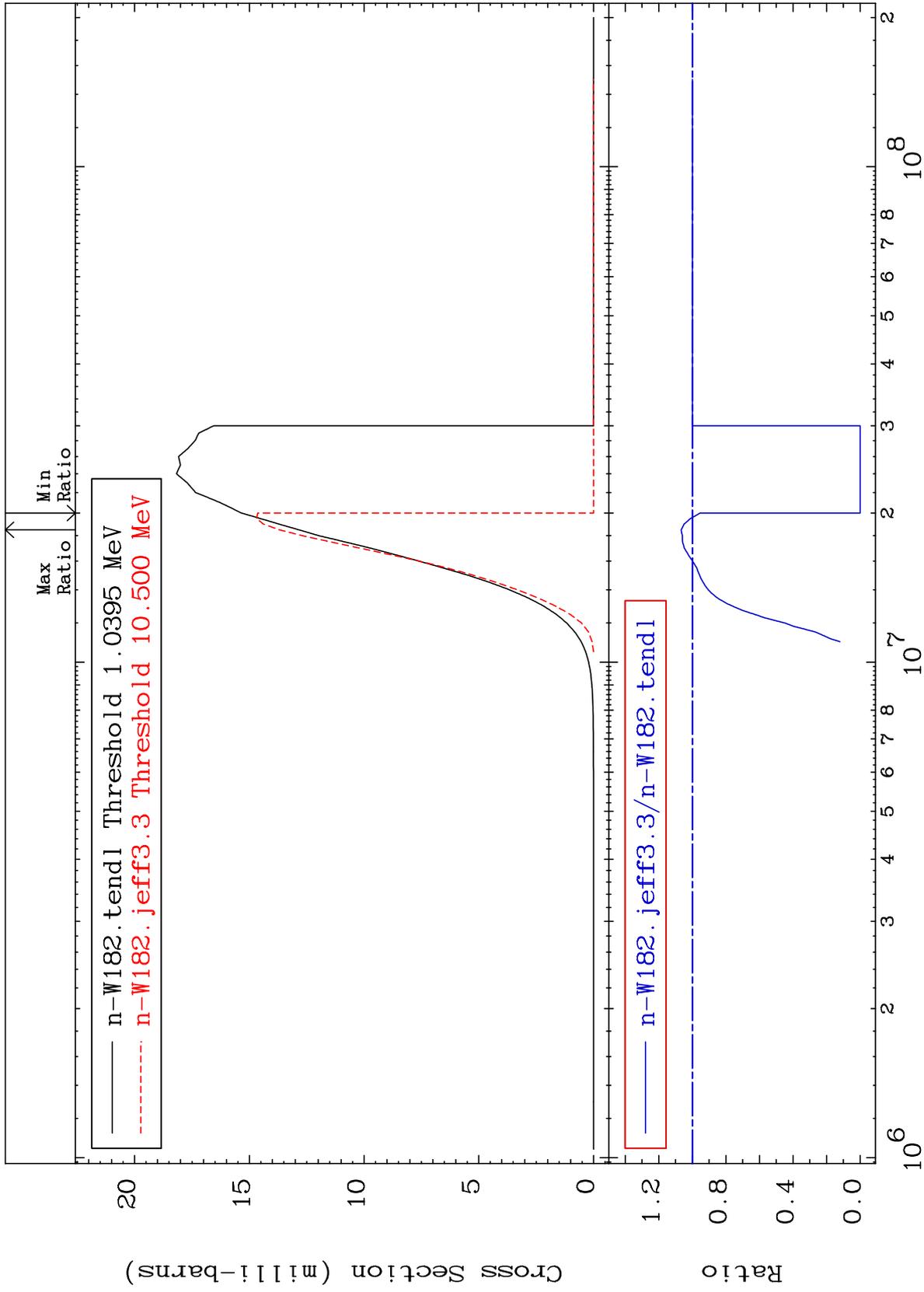
Incident Energy (eV)

74-W -182



MAT 7431

(n, p)
Cross Section
74-W -182
-100.0 To 6.656 %



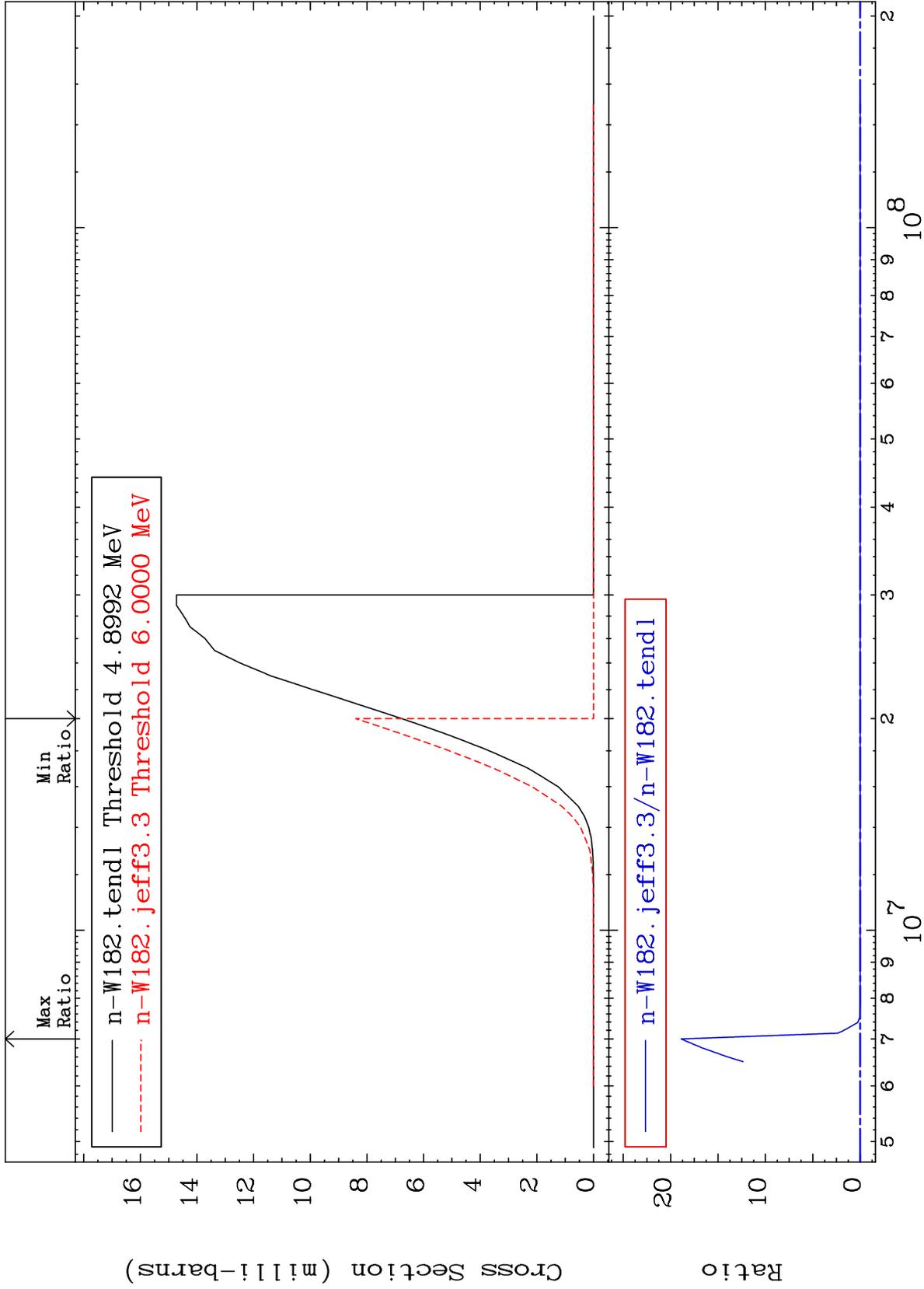
32

Incident Energy (eV)

74-W -182

Cross Section

-100.0 To 9999. %

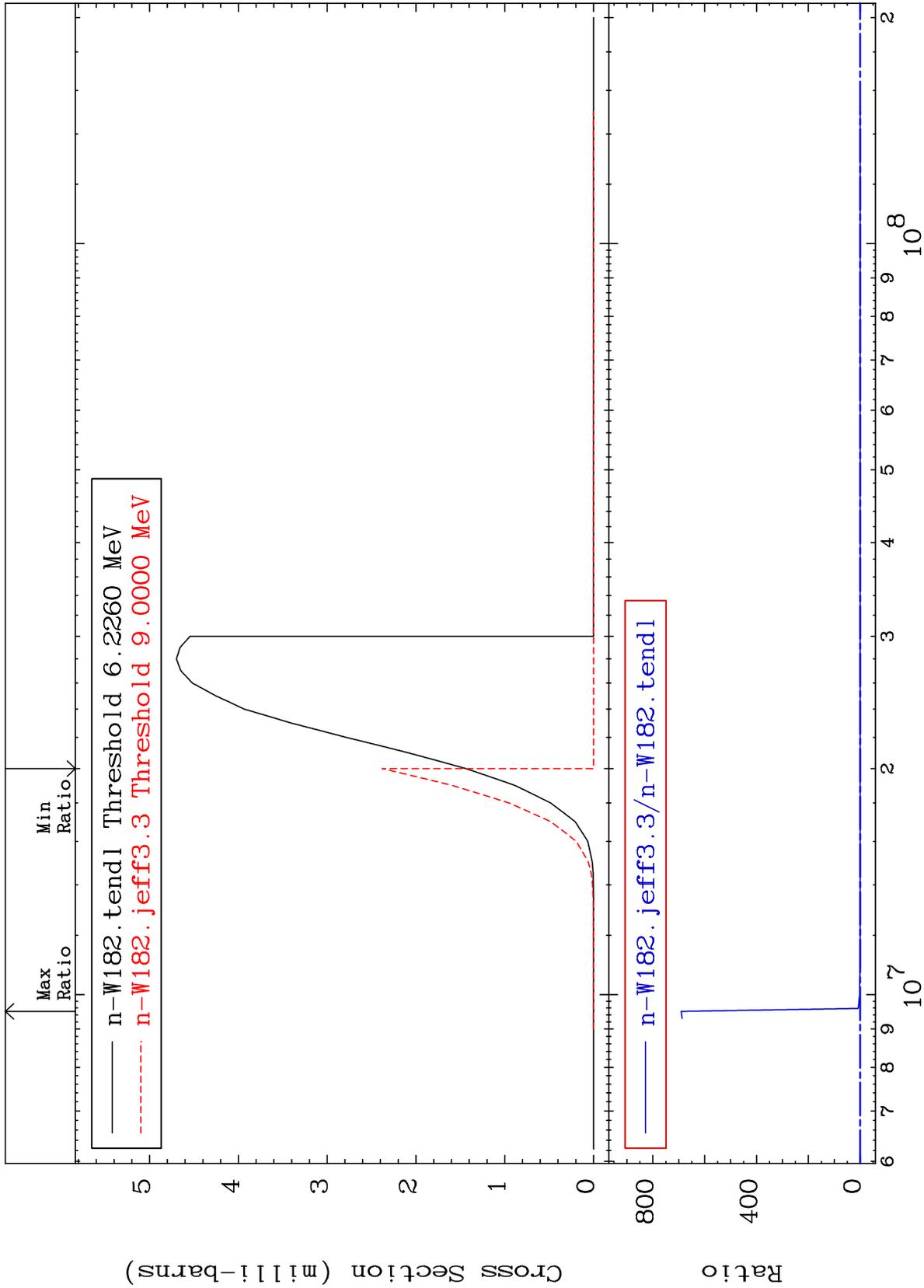


— n-W182.tendl Threshold 4.8992 MeV
- - - n-W182.jeff3.3 Threshold 6.0000 MeV

— n-W182.jeff3.3/n-W182.tendl

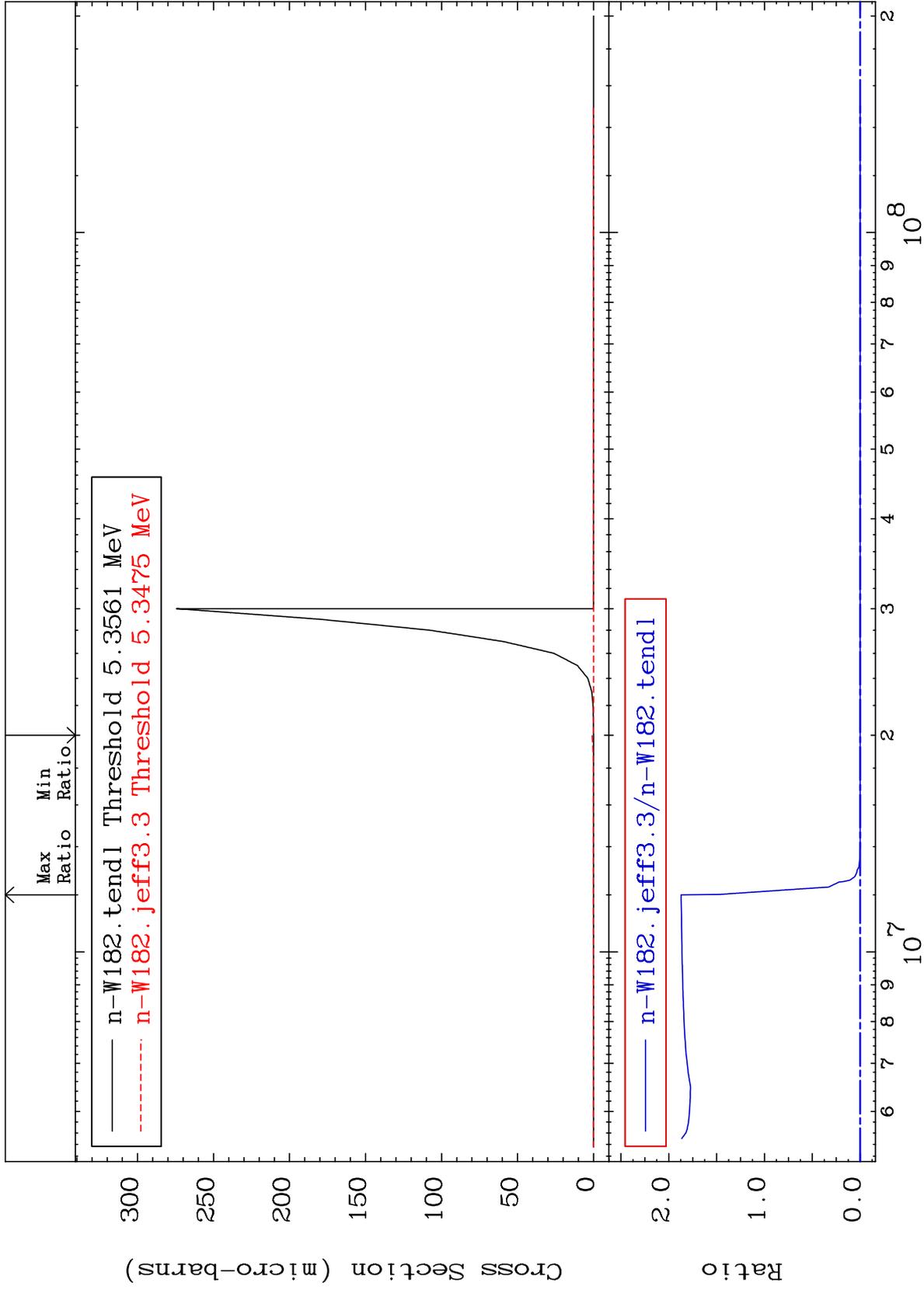
Cross Section

-100.0 To 9999. %



Cross Section

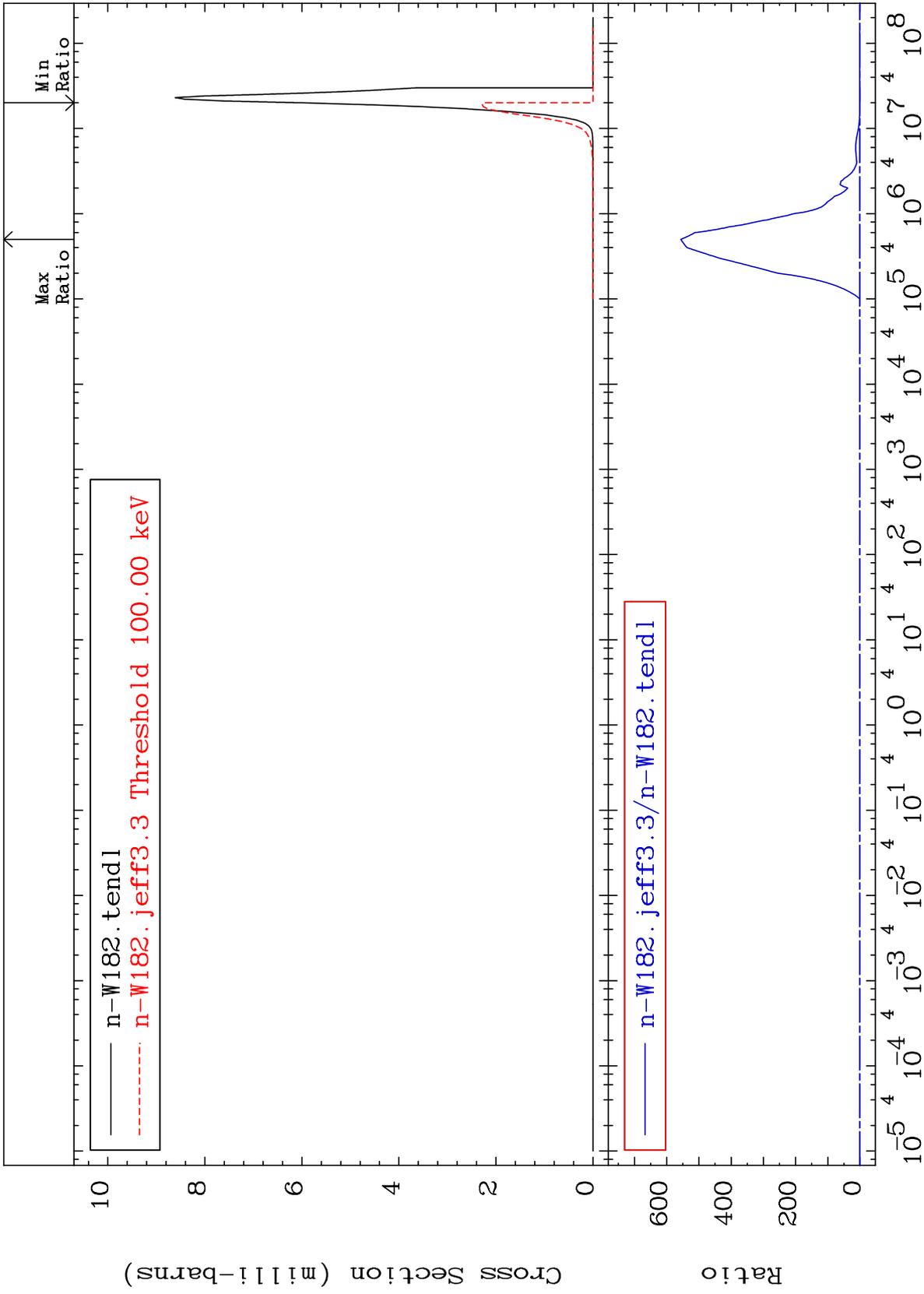
-100.0 To 9999. %



MAT 7431

(n, α)
Cross Section

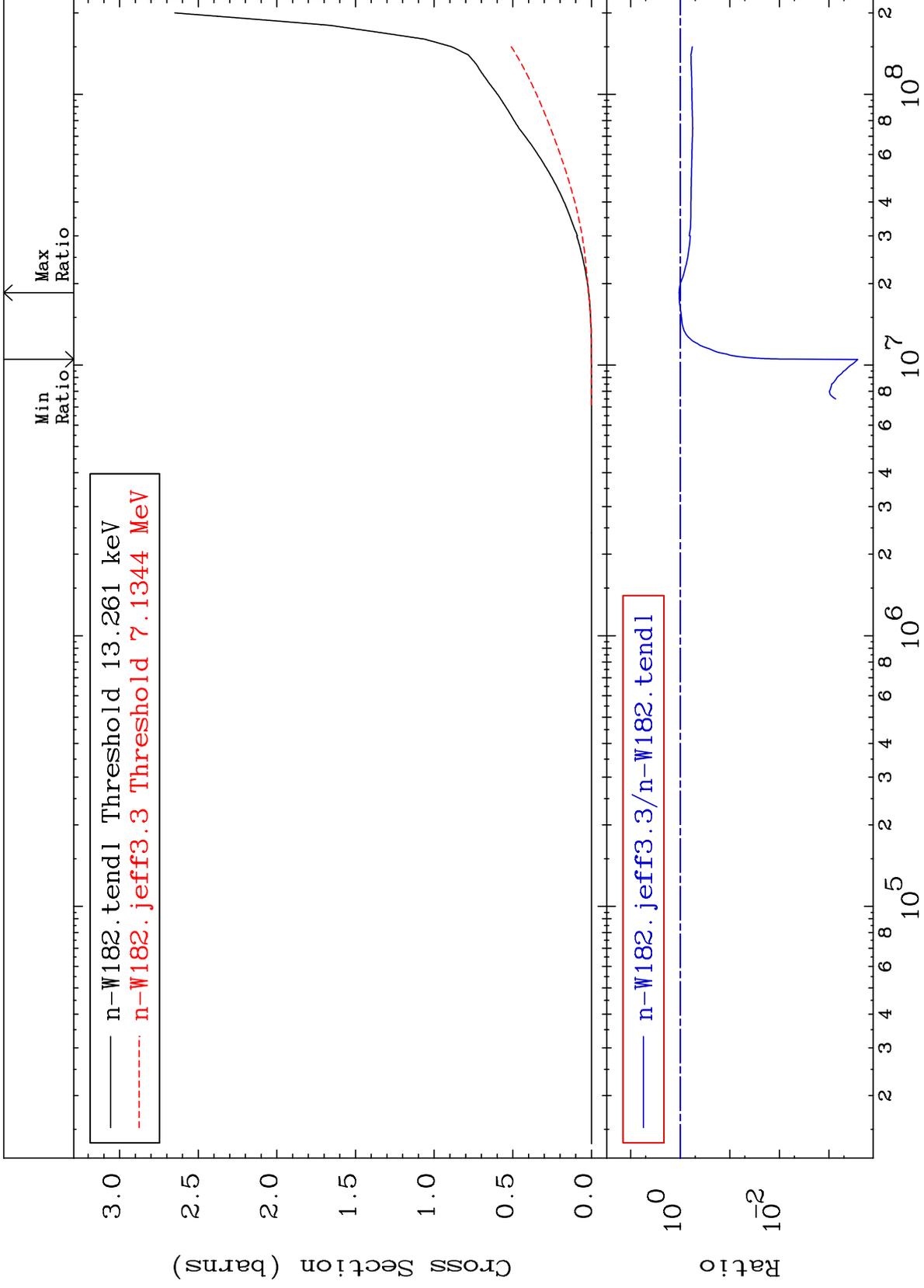
74-W -182
-100.0 To 9999. %

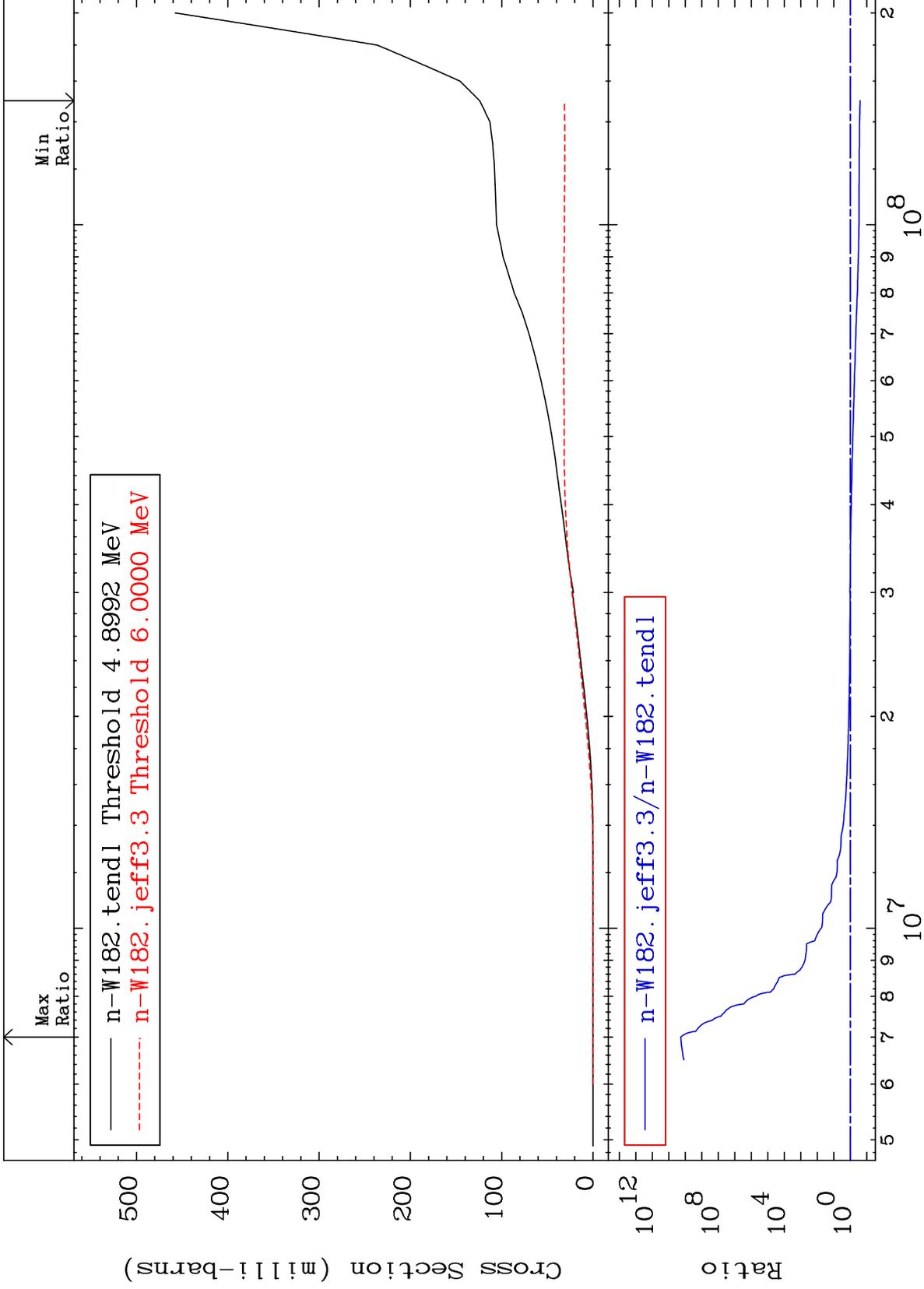


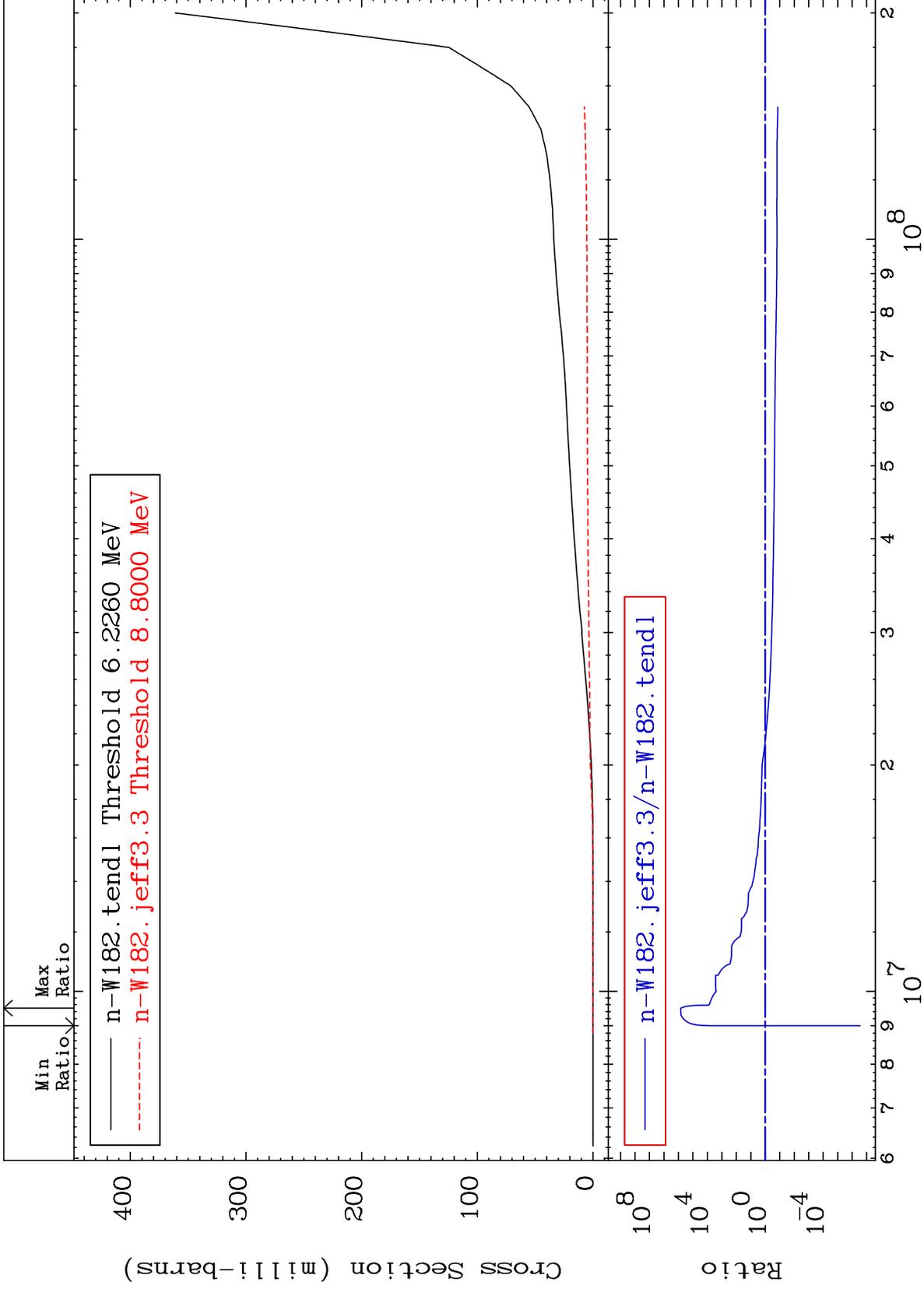
36

Incident Energy (eV)

74-W -182







— n-W182.tendl Threshold 6.2260 MeV
- - - n-W182.jeff3.3 Threshold 8.8000 MeV

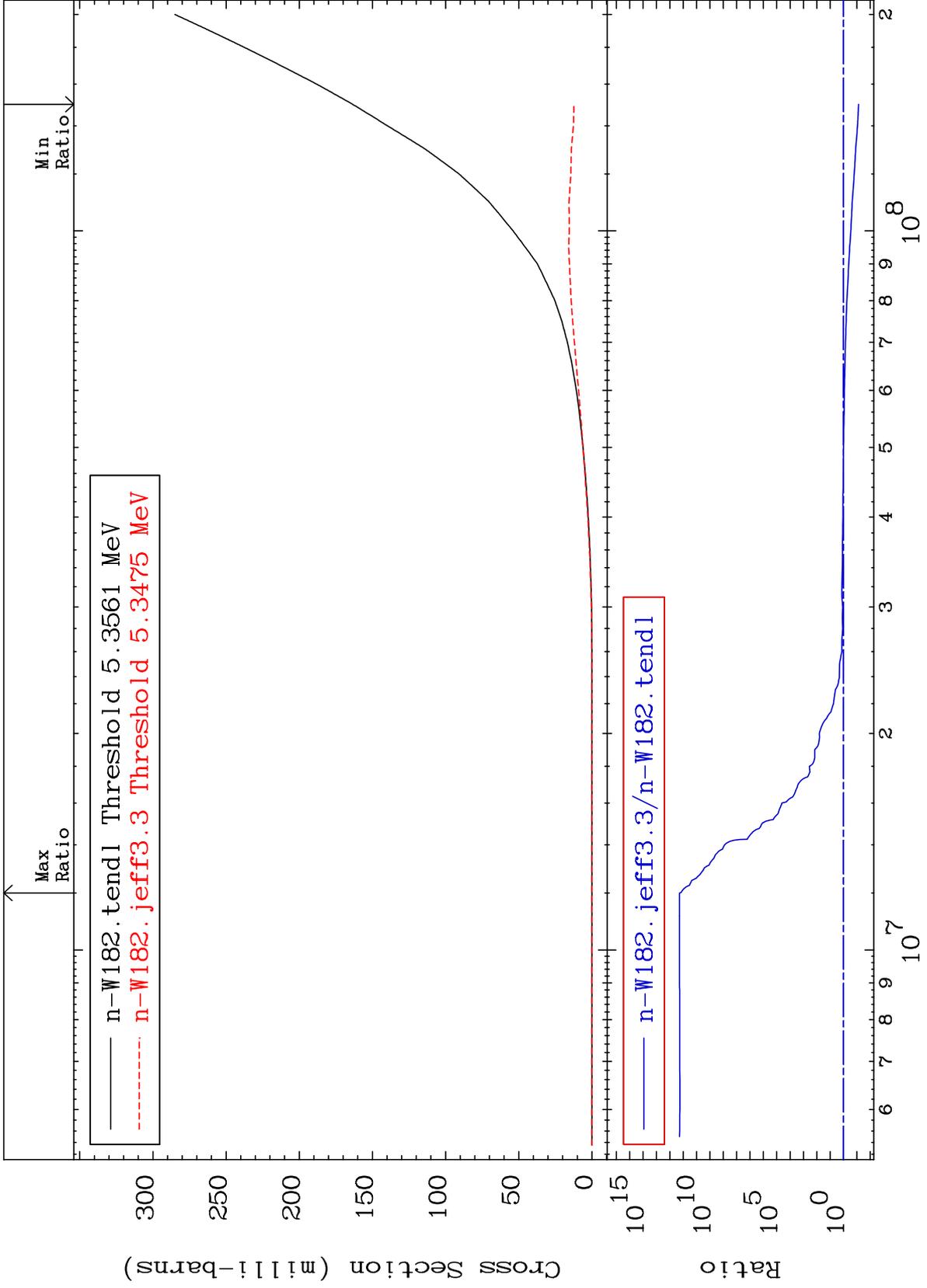
— n-W182.jeff3.3/n-W182.tendl

Min Ratio
Max Ratio

MAT 7431

He-3 Production
Cross Section

74-W -182
-92.47 To 9999. %



40

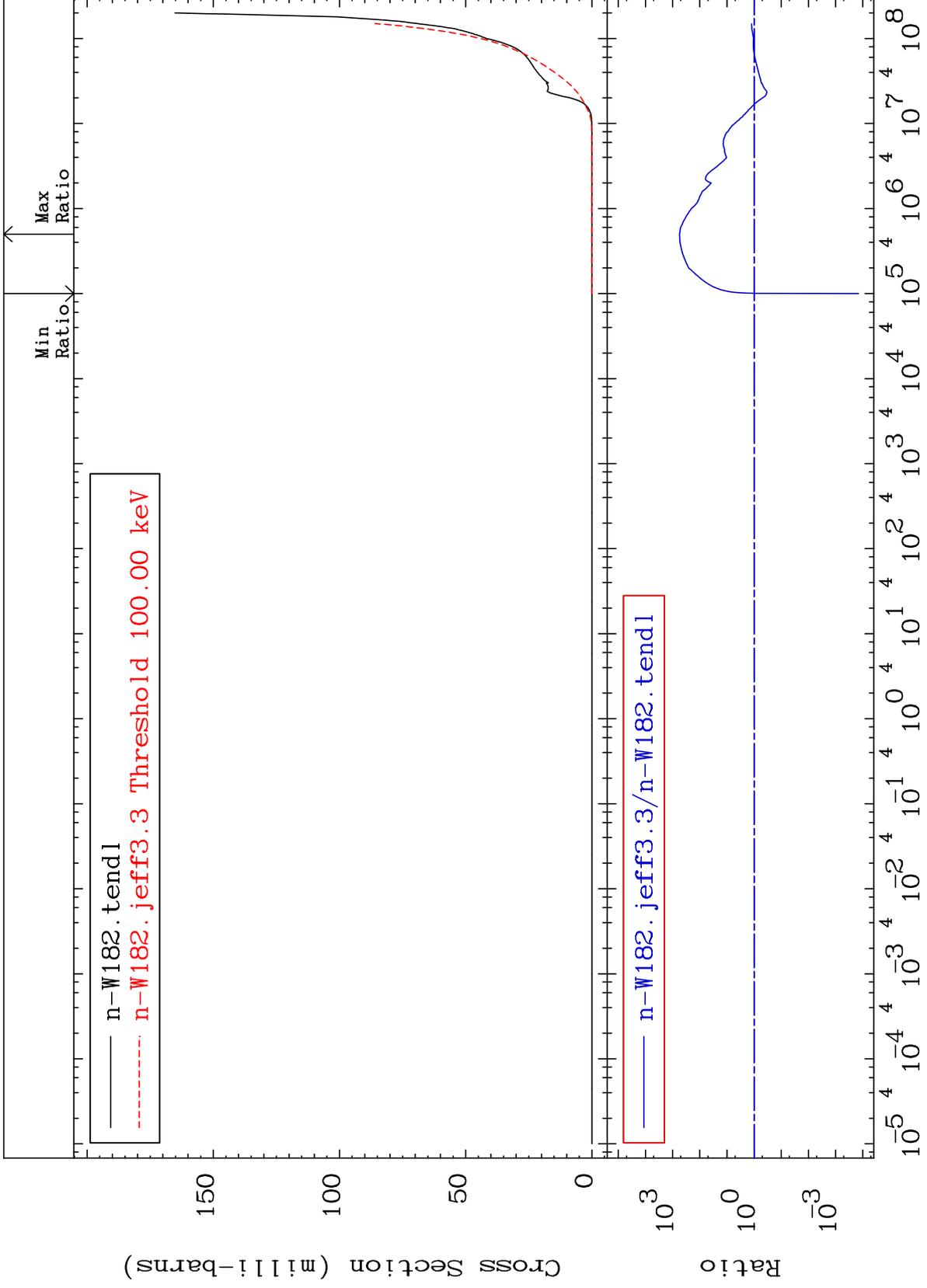
Incident Energy (eV)

74-W -182

MAT 7431

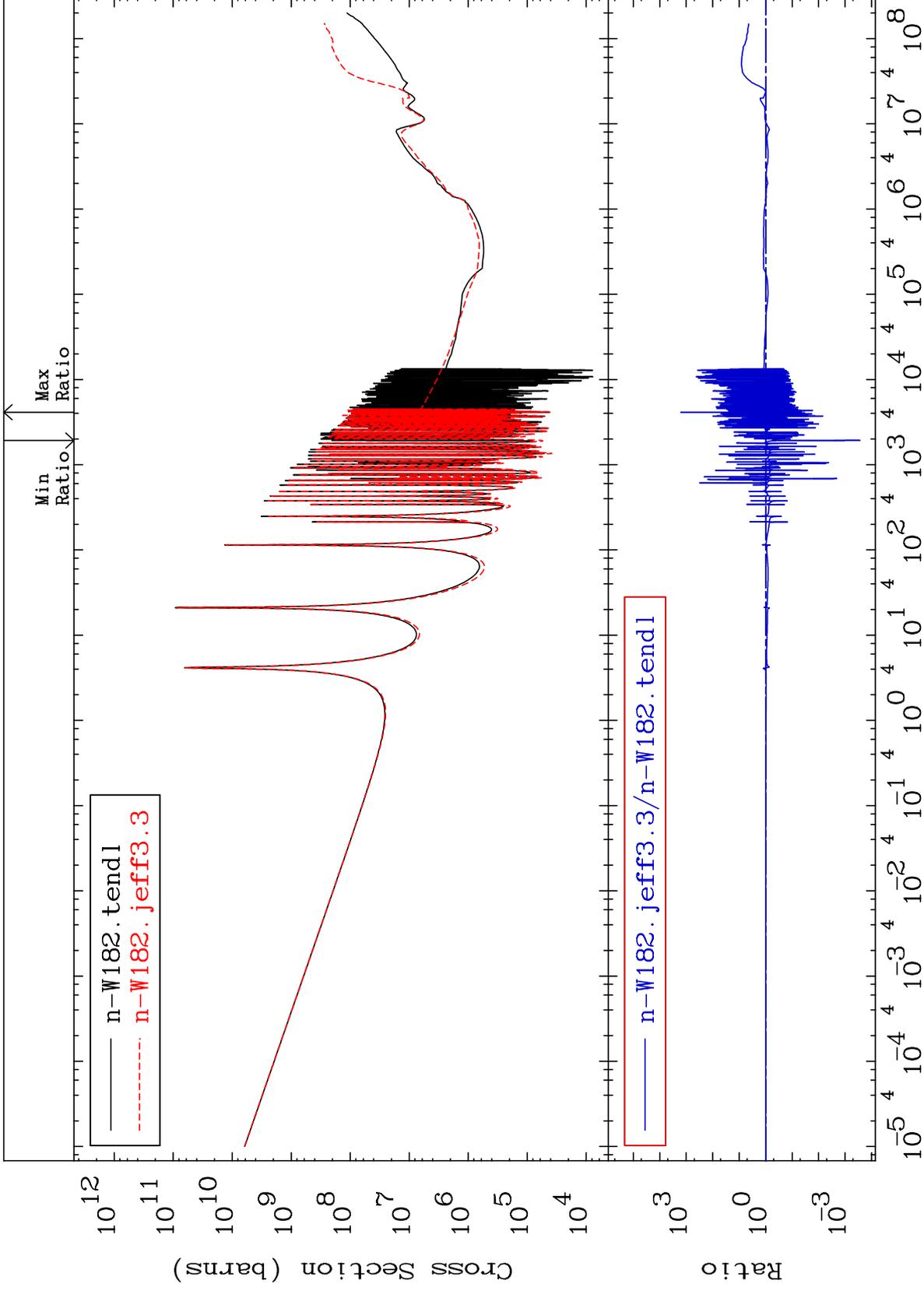
He-4 Production
Cross Section

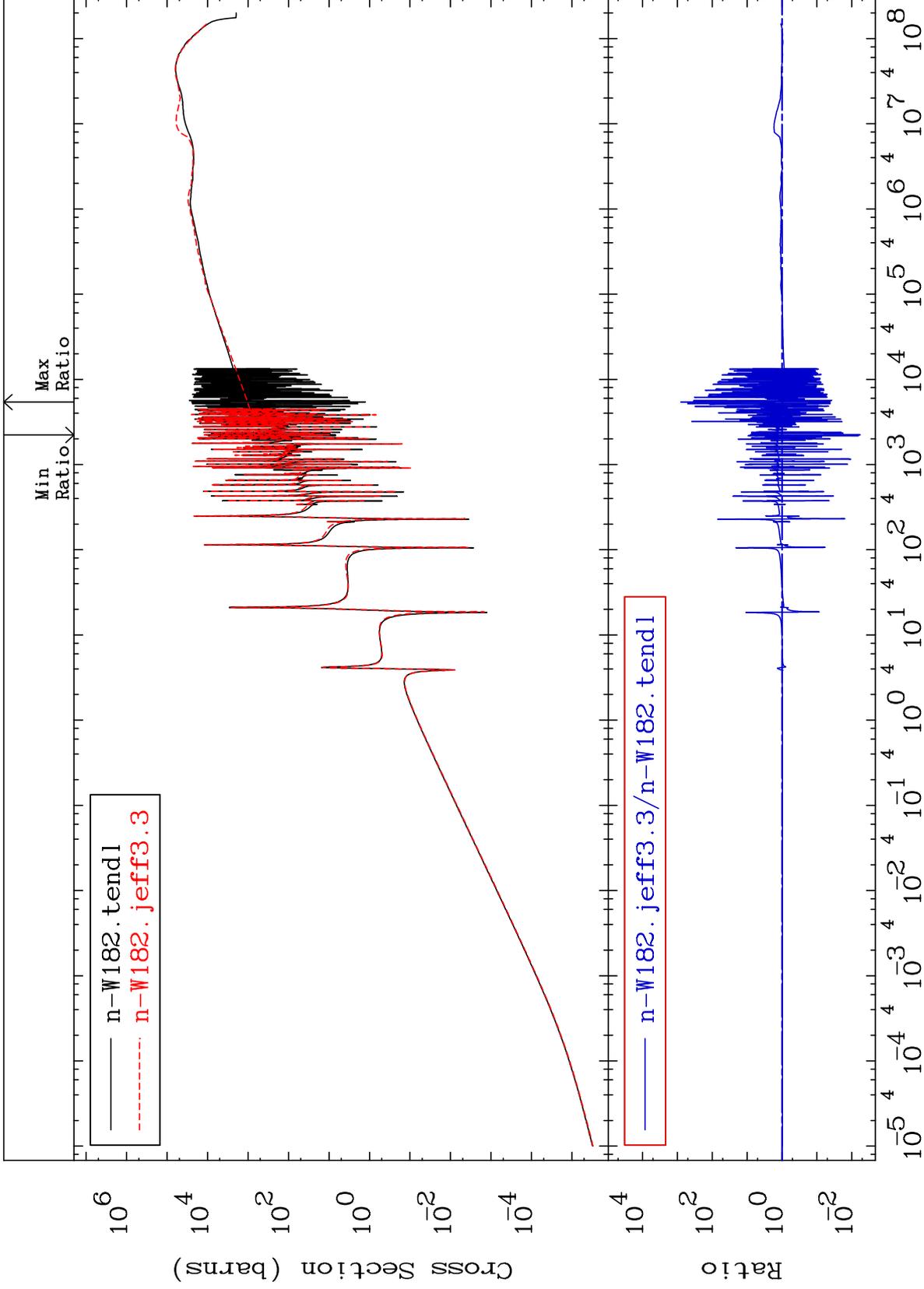
74-W -182
-99.99 To 9999. %

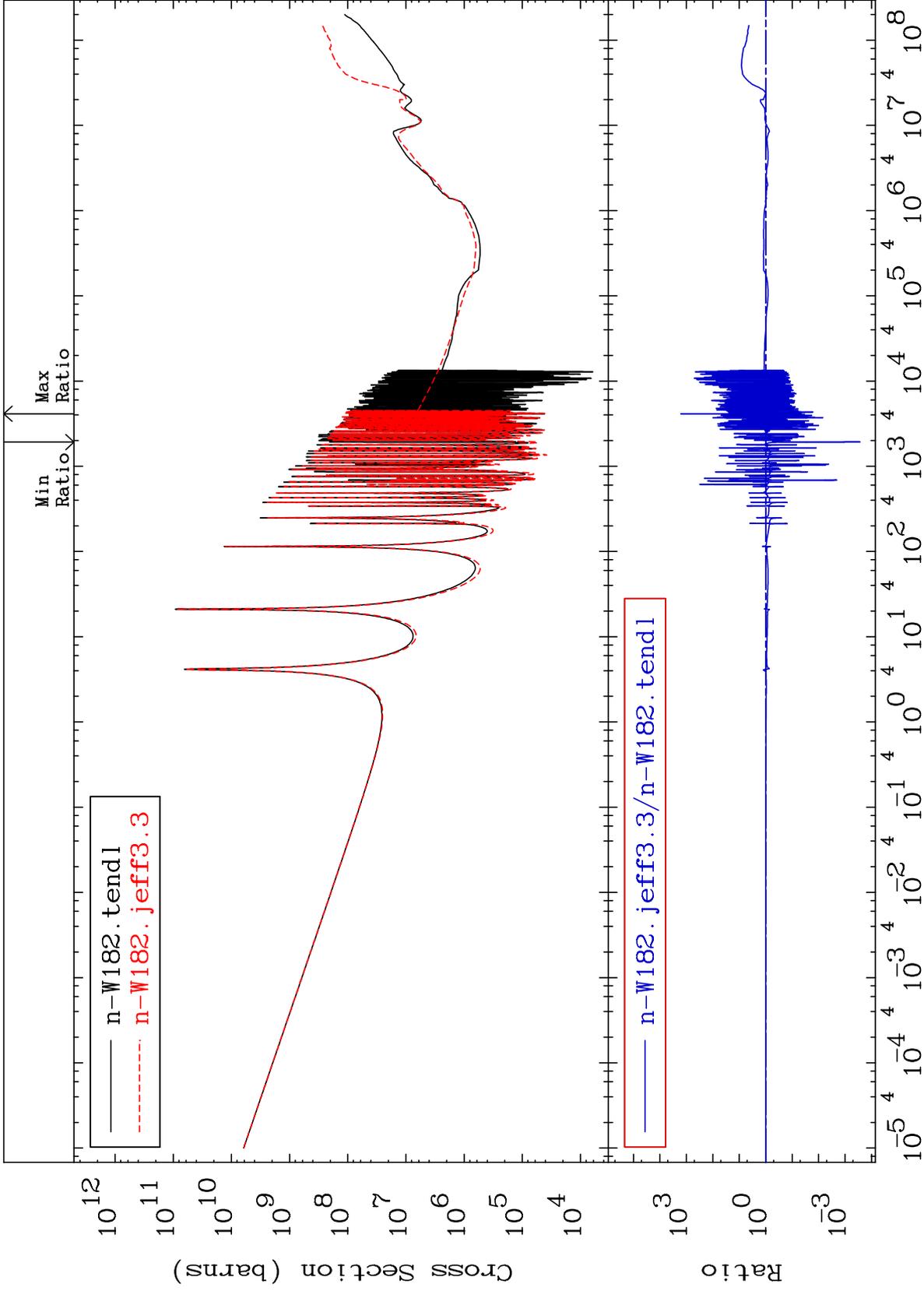


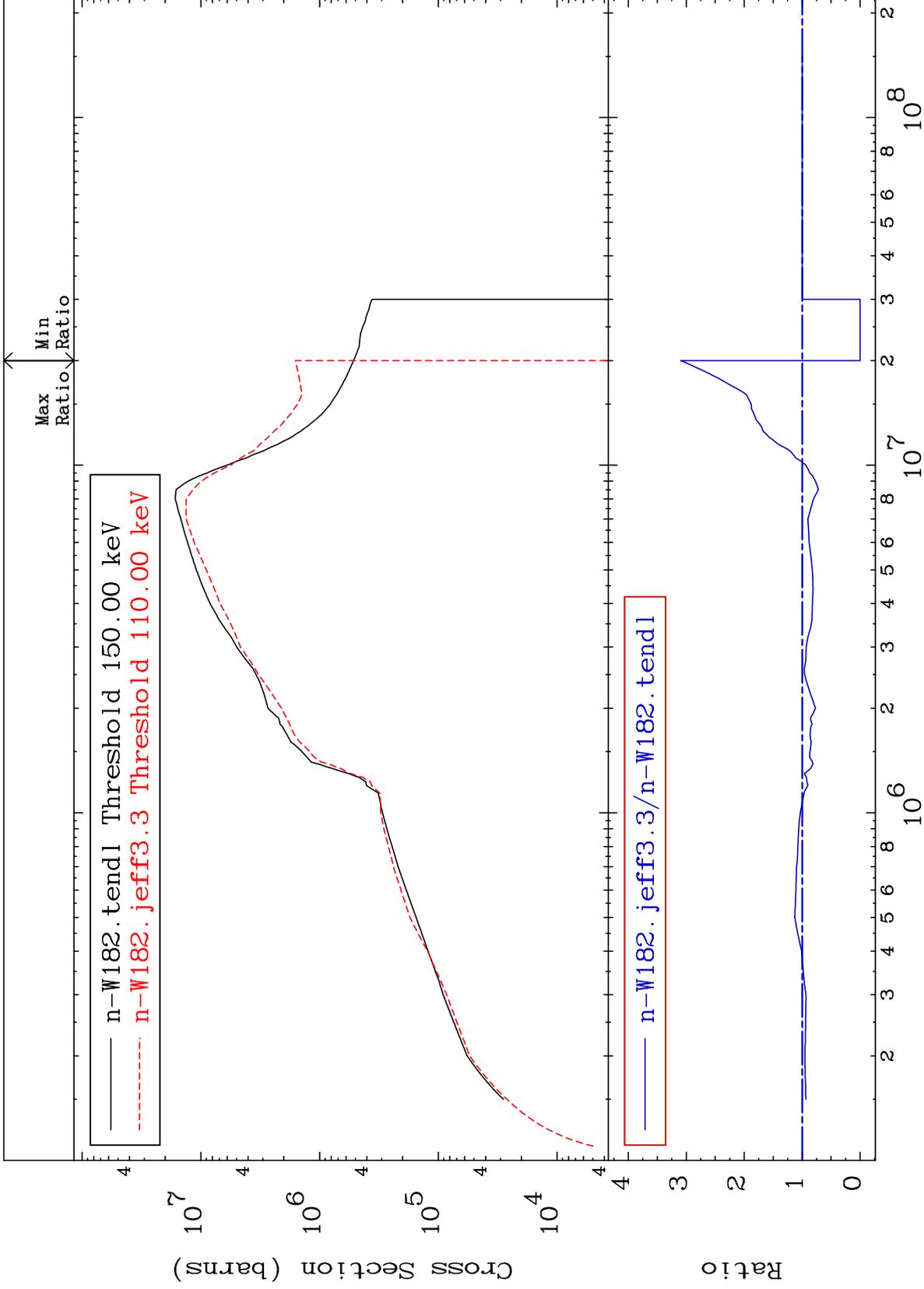
Cross Section

-99.97 To 9999. %





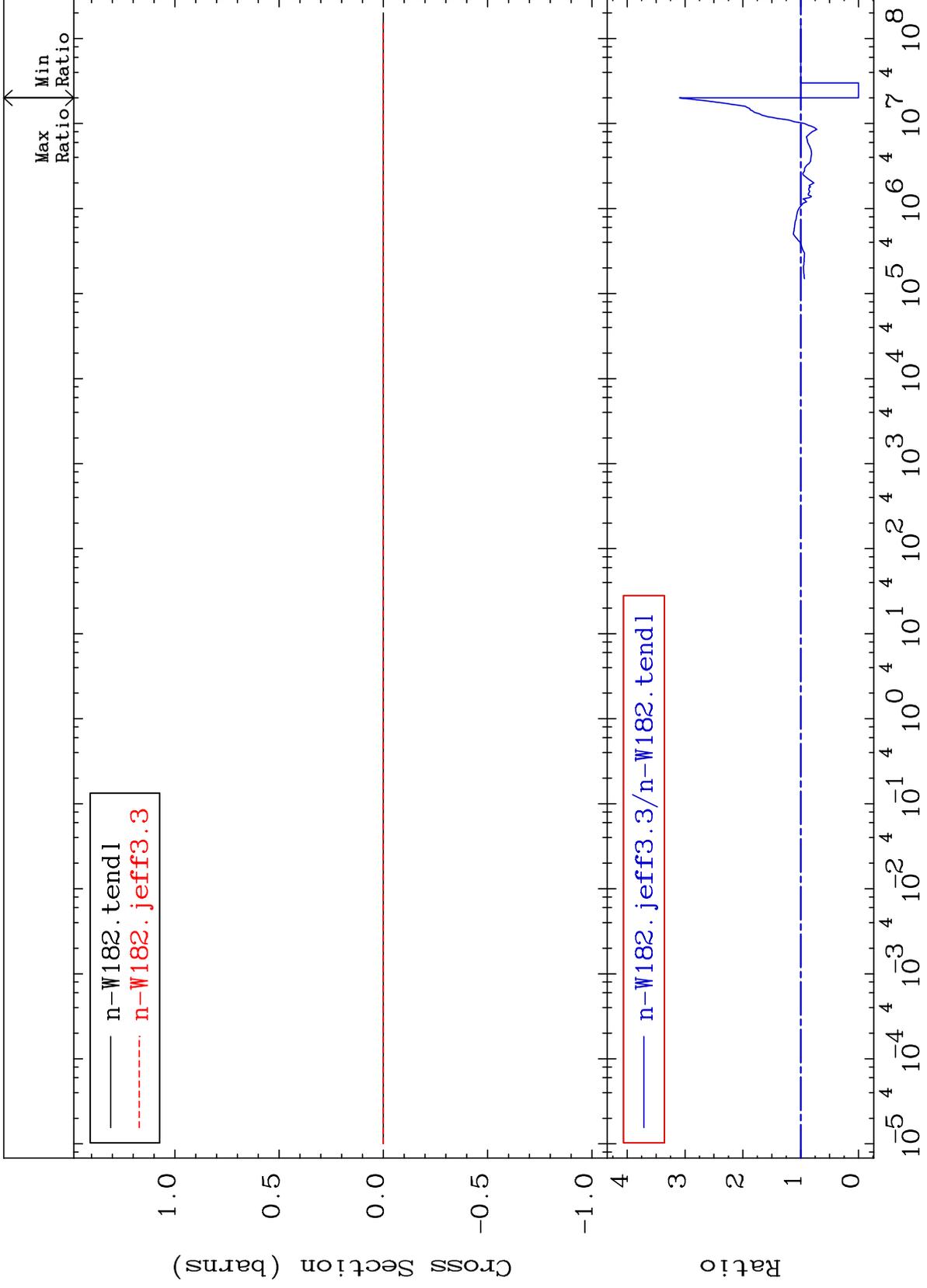




MAT 7431

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

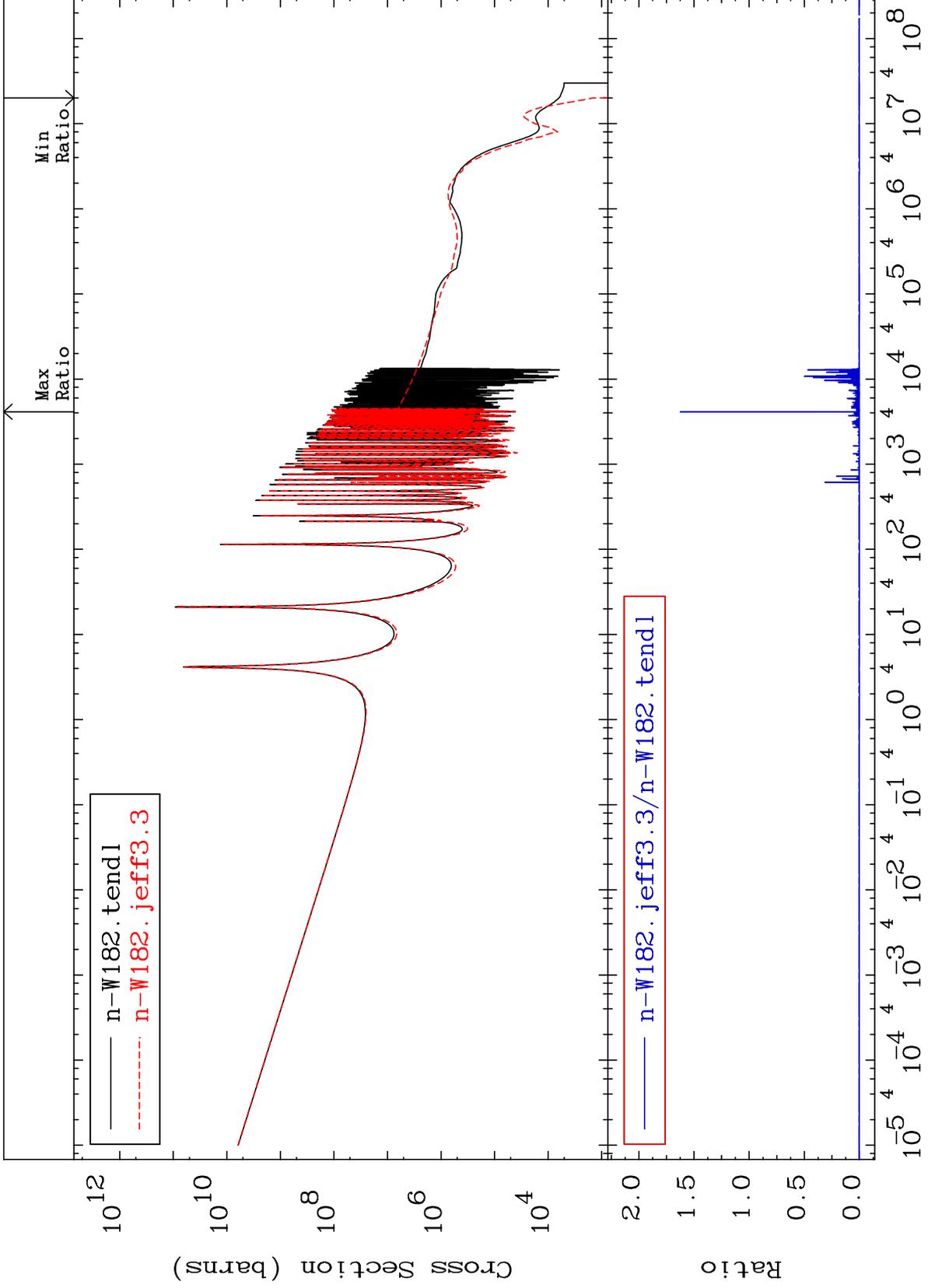
74-W -182
-100.0 To 209.5 %



MAT 7431

Kerma capture (mt102)
Cross Section

74-W -182
-100.0 To 9999. %



47

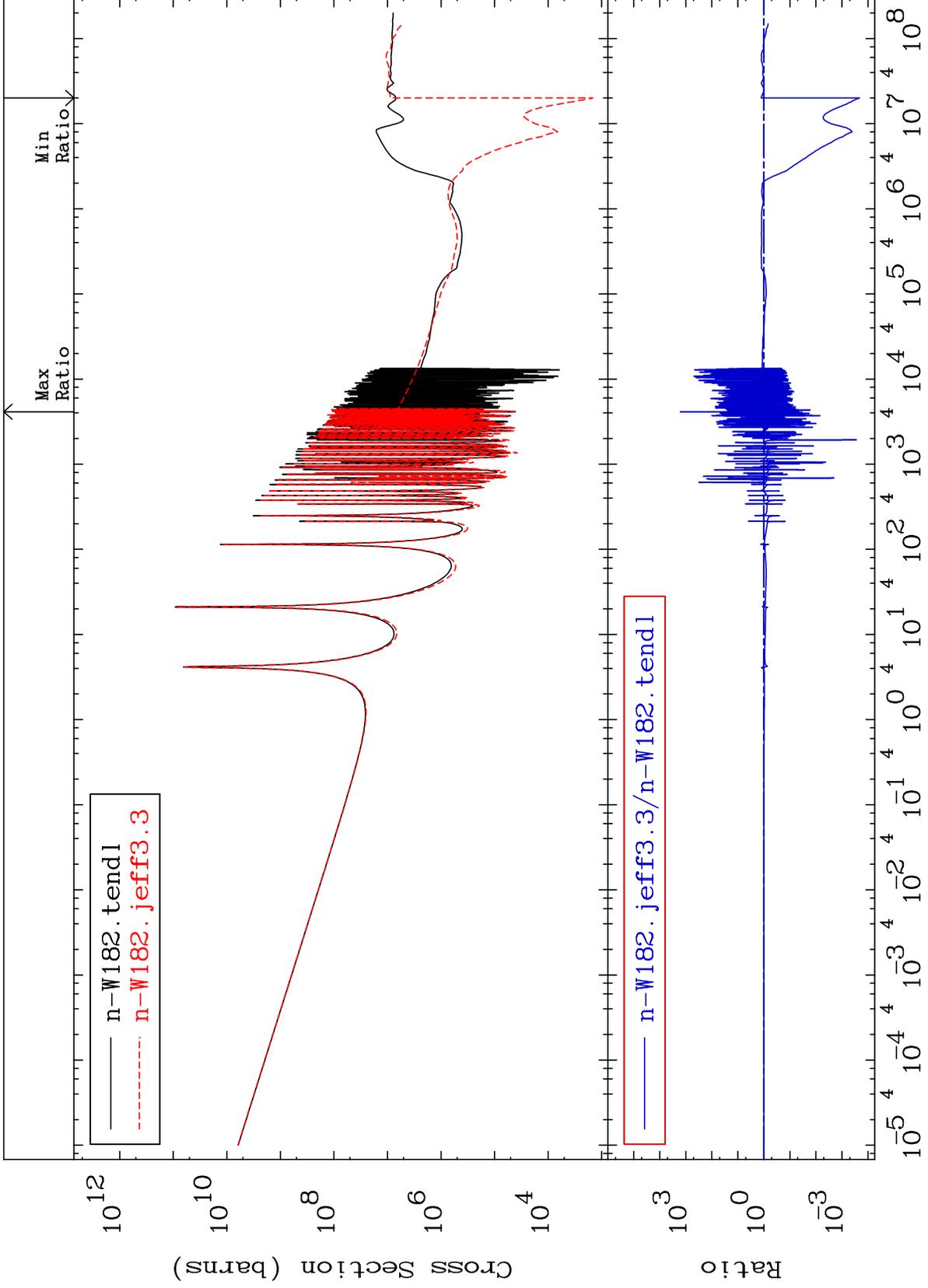
Incident Energy (eV)

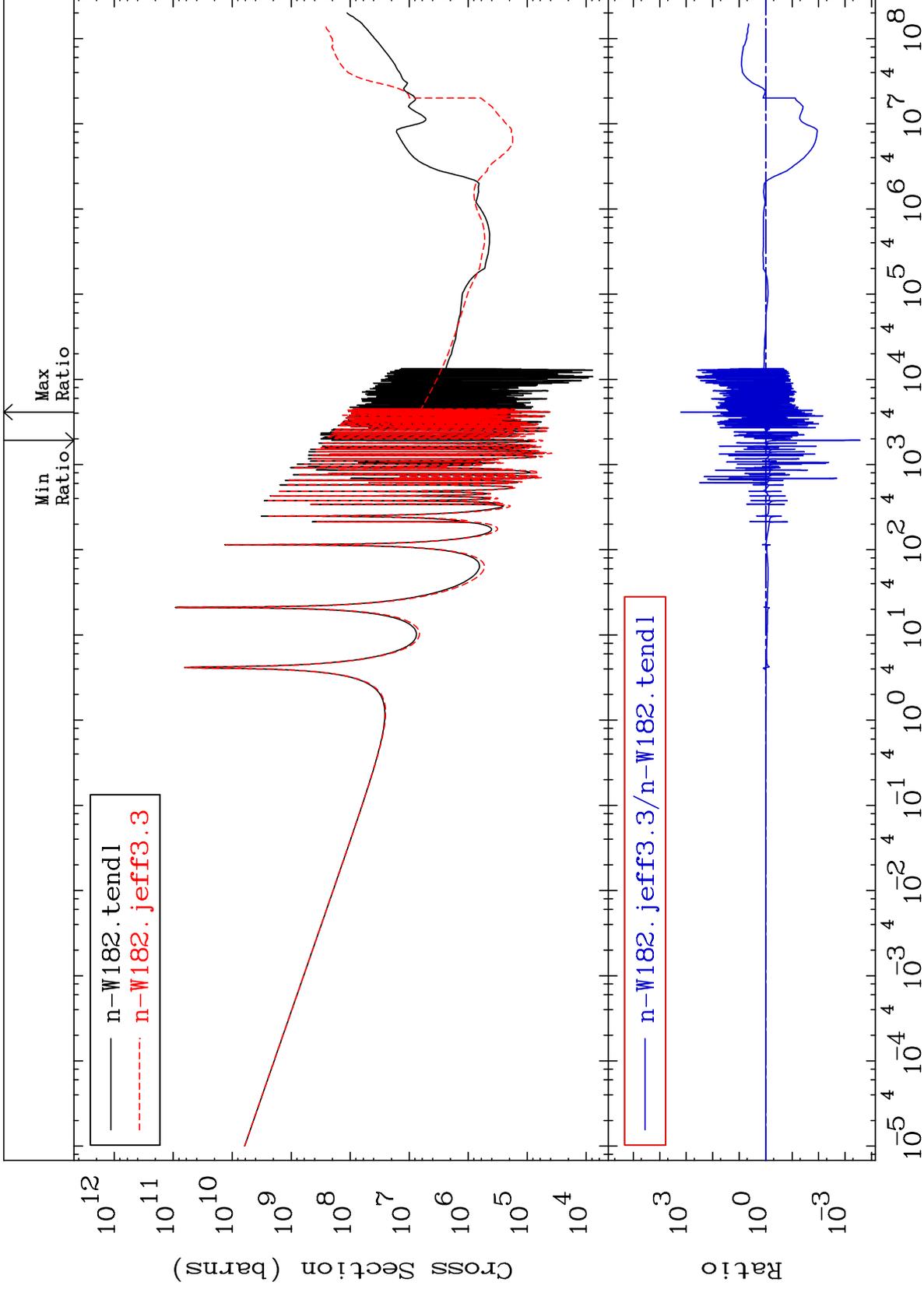
74-W -182

MAT 7431

Total photon (eV-barns)
Cross Section

74-W -182
-99.98 To 9999. %





MAT 7431

Dpa total (eV-barns)
Cross Section

74-W -182
-99.97 To 9999. %

