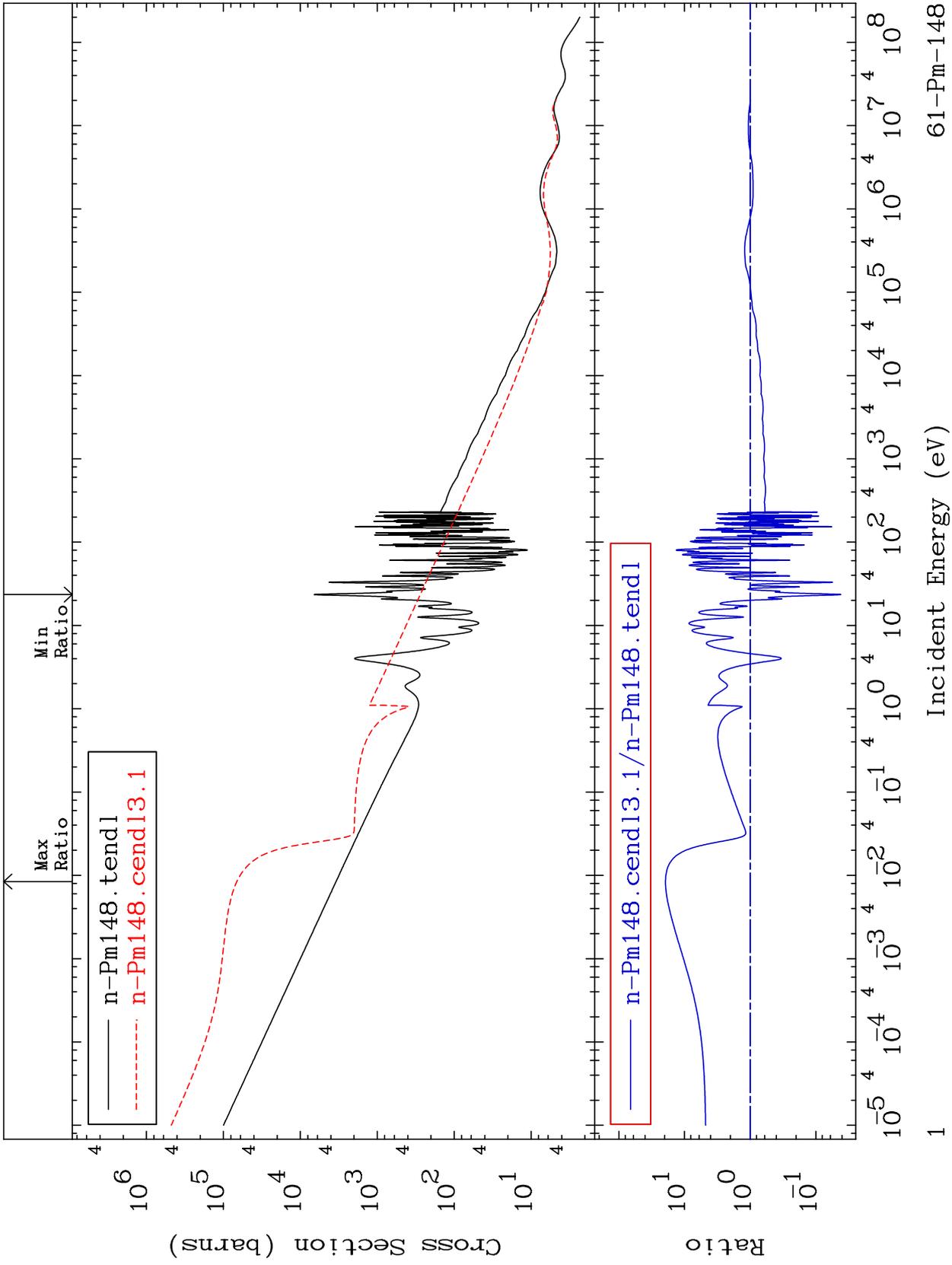


MAT 6152

Total
Cross Section

61-Pm-148
-95.84 To 1846. %



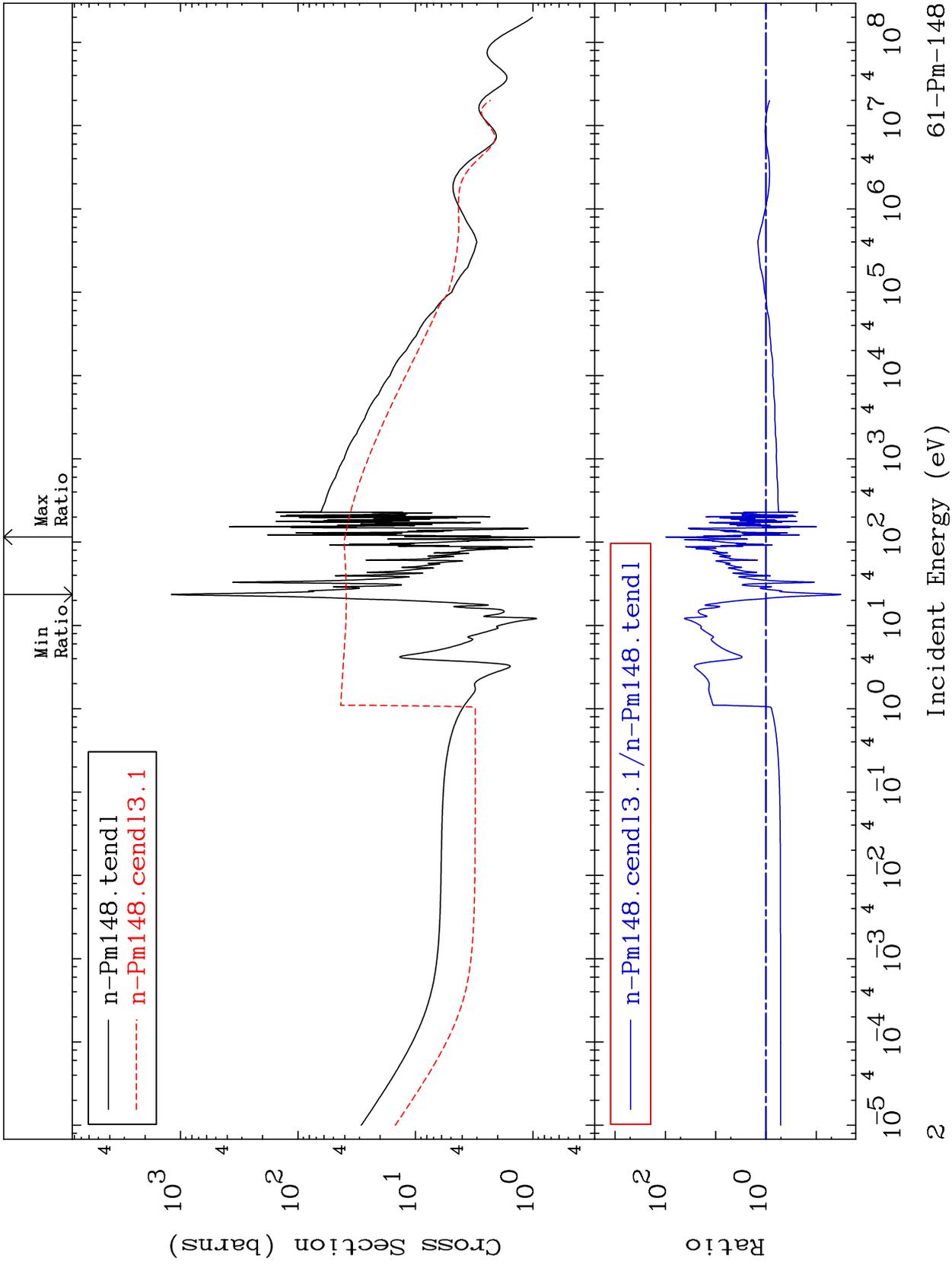
MAT 6152

Elastic

61-Pm-148

Cross Section

-96.75 To 9841. %

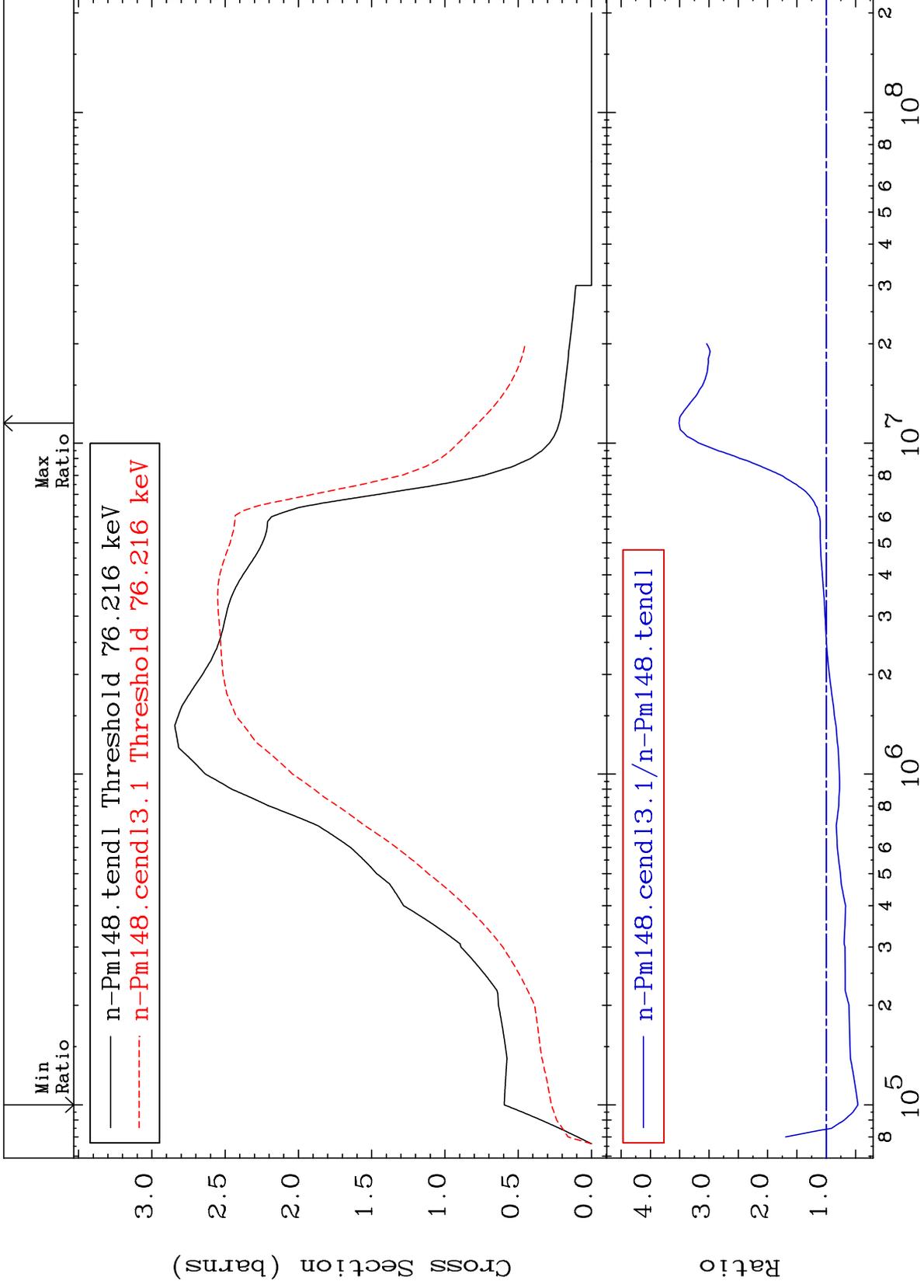


61-Pm-148

MAT 6152

Inelastic
Cross Section

61-Pm-148
-54.06 To 251.1 %



3

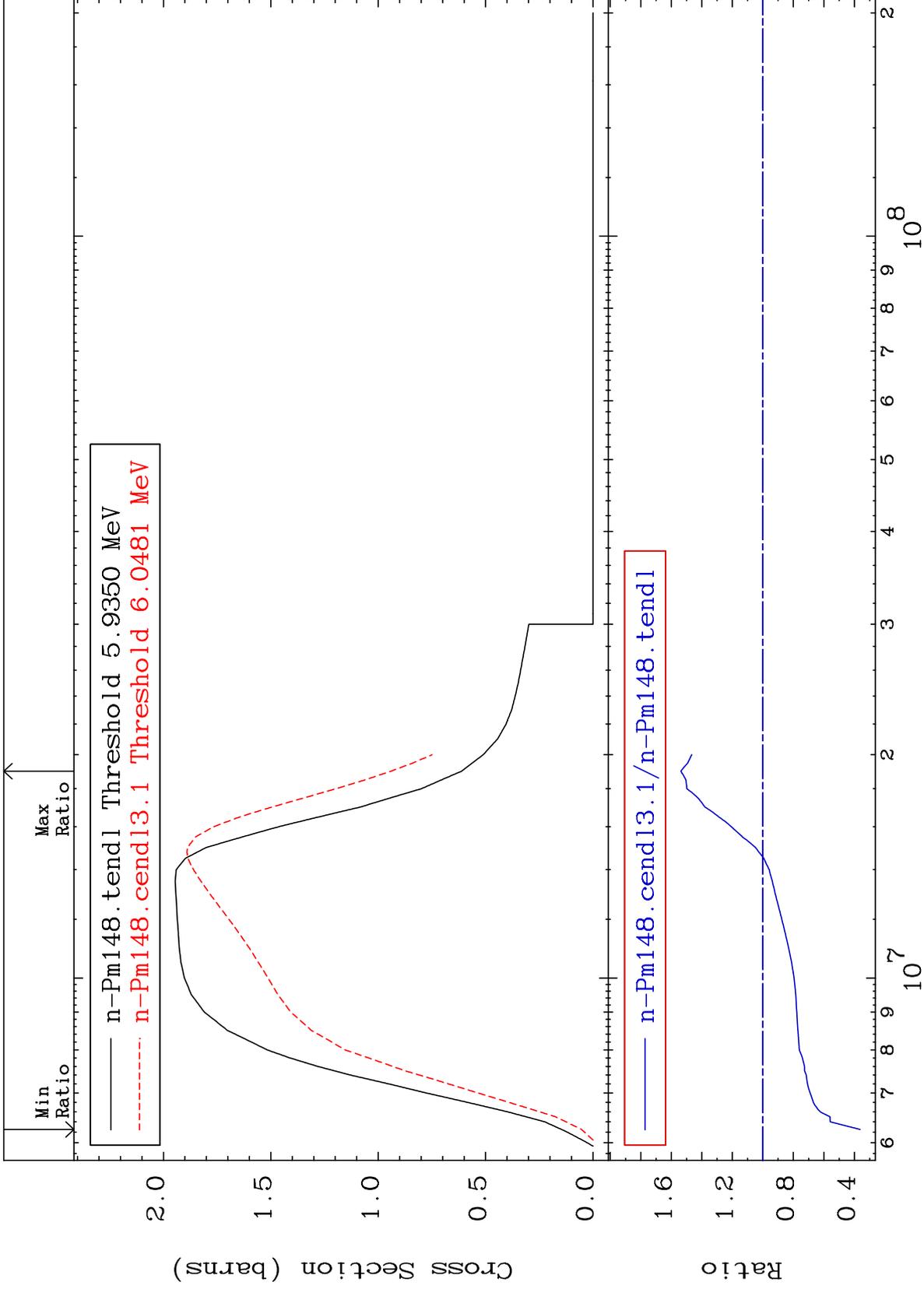
Incident Energy (eV)

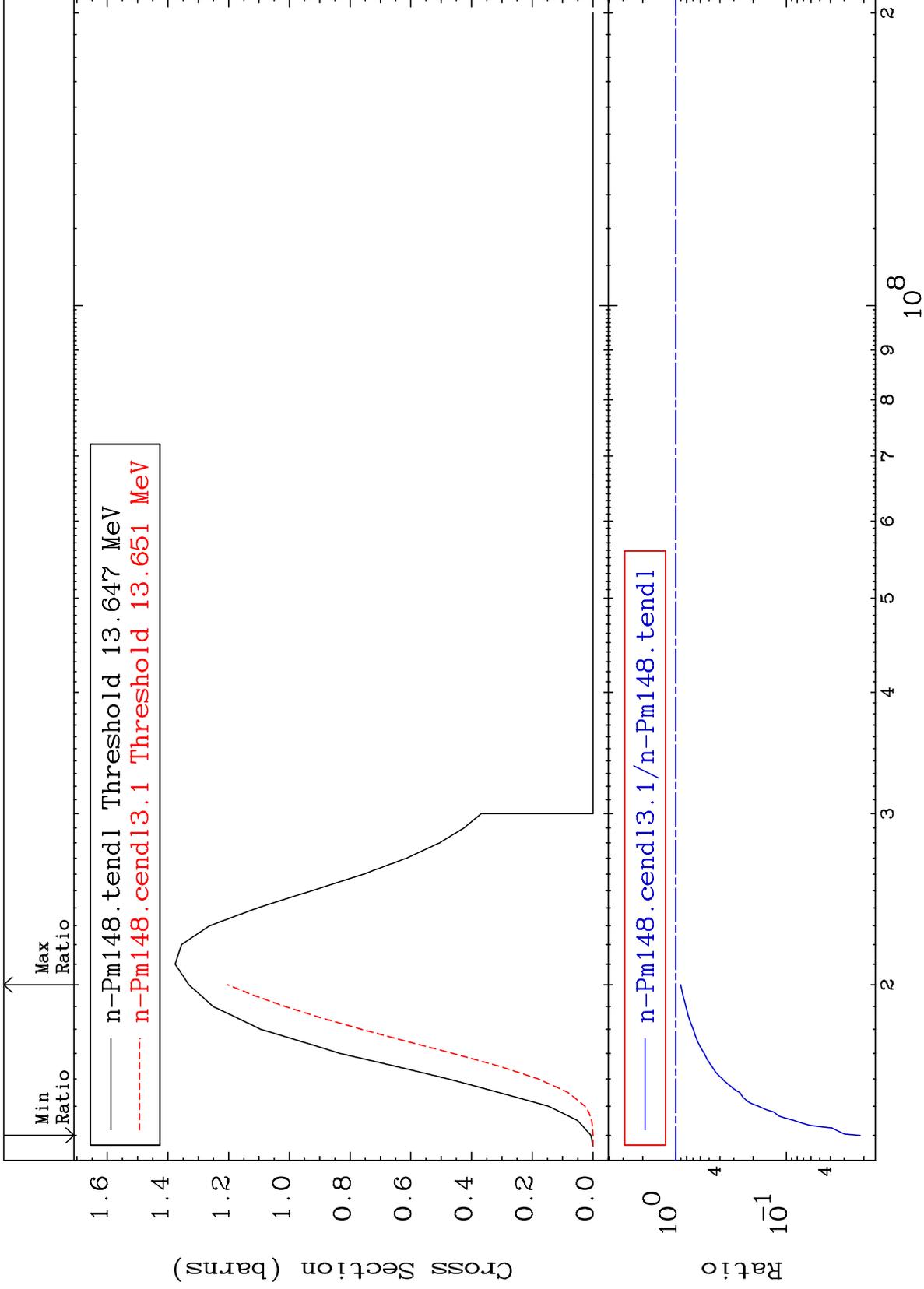
61-Pm-148

MAT 6152

(n,2n)
Cross Section

61-Pm-148
-63.72 To 53.78 %





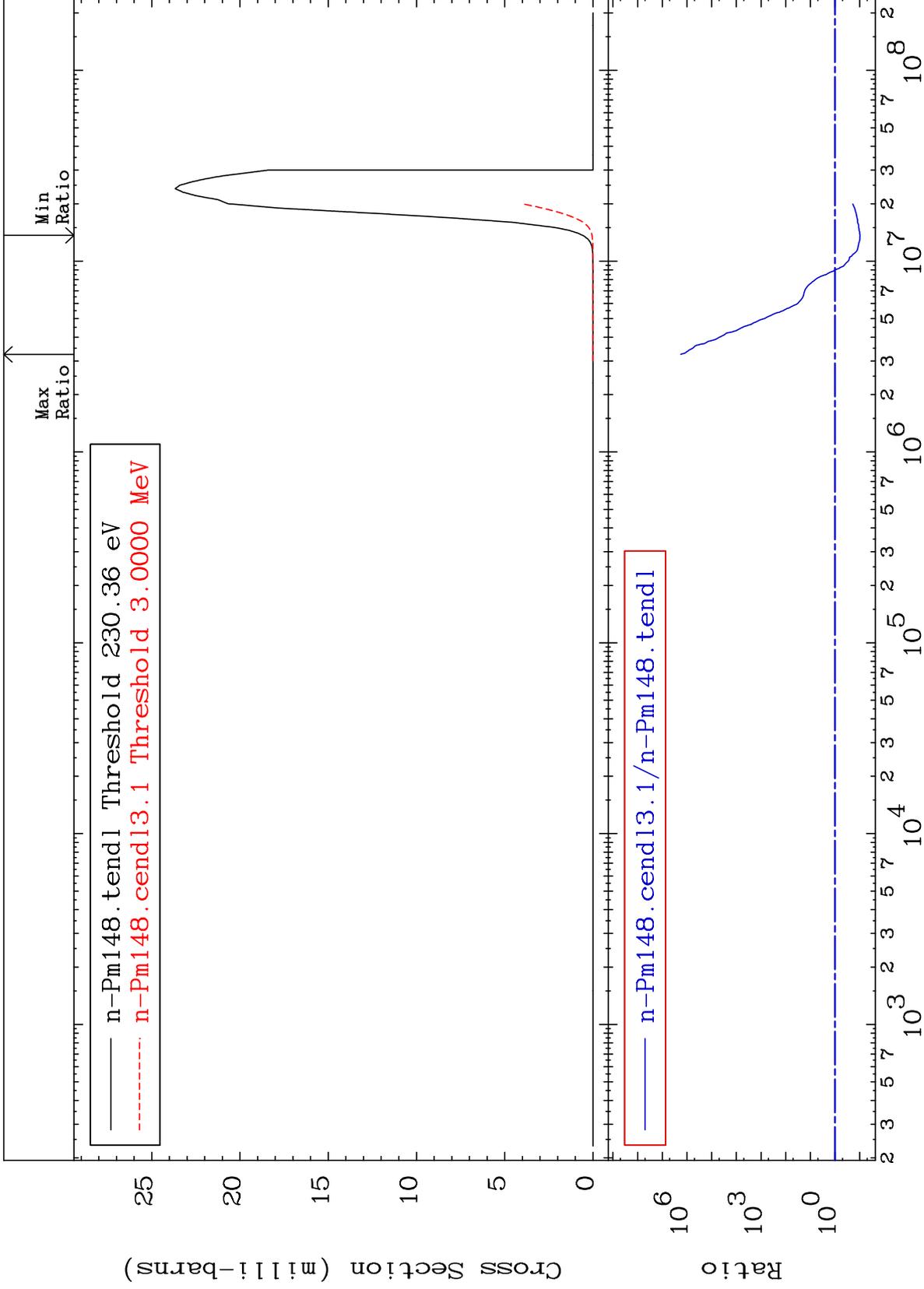
MAT 6152

(n, n') α

61-Pm-148

Cross Section

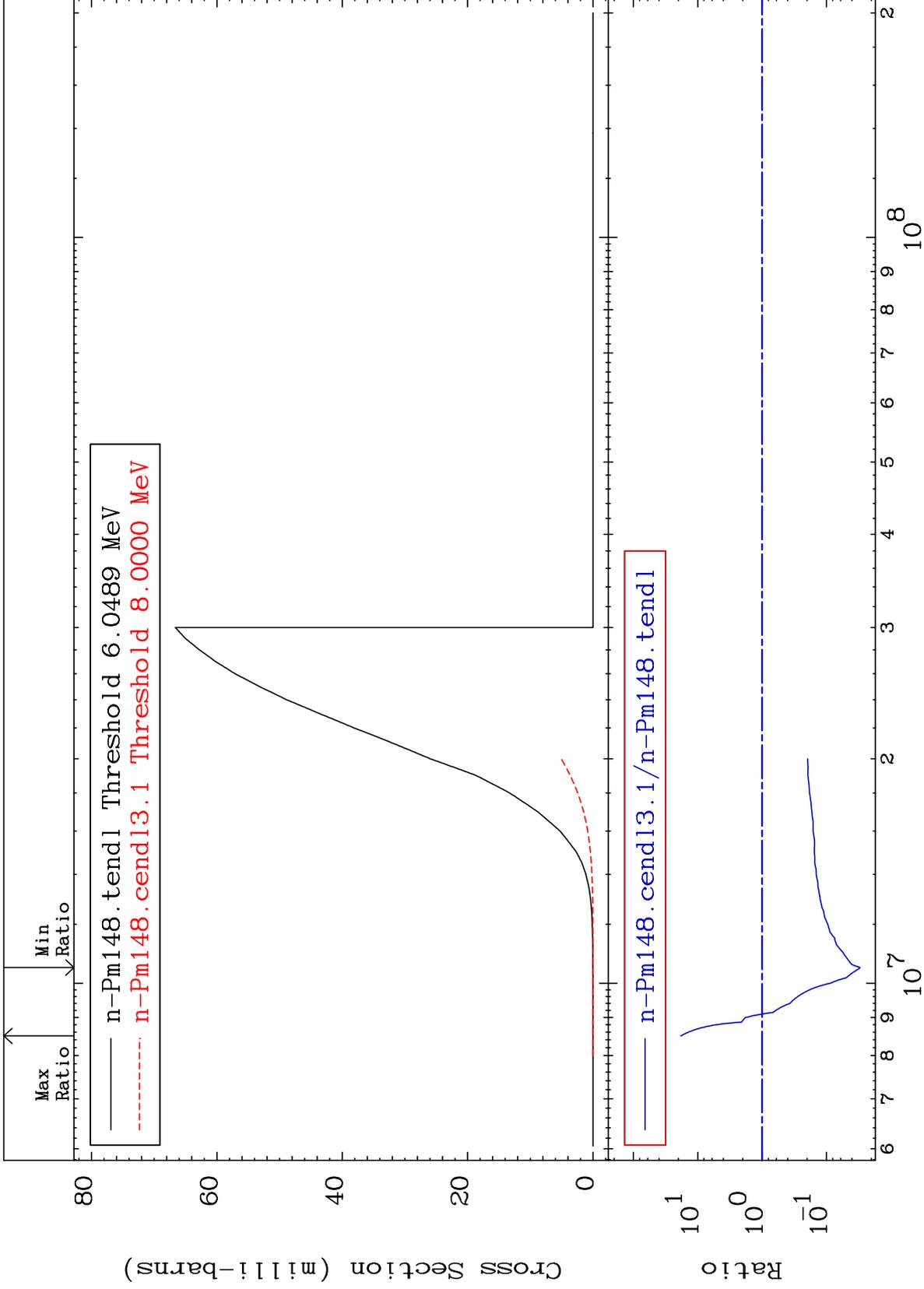
-90.31 To 9999. %



MAT 6152

(n,n') p
Cross Section

61-Pm-148
-97.00 To 1737. %



7

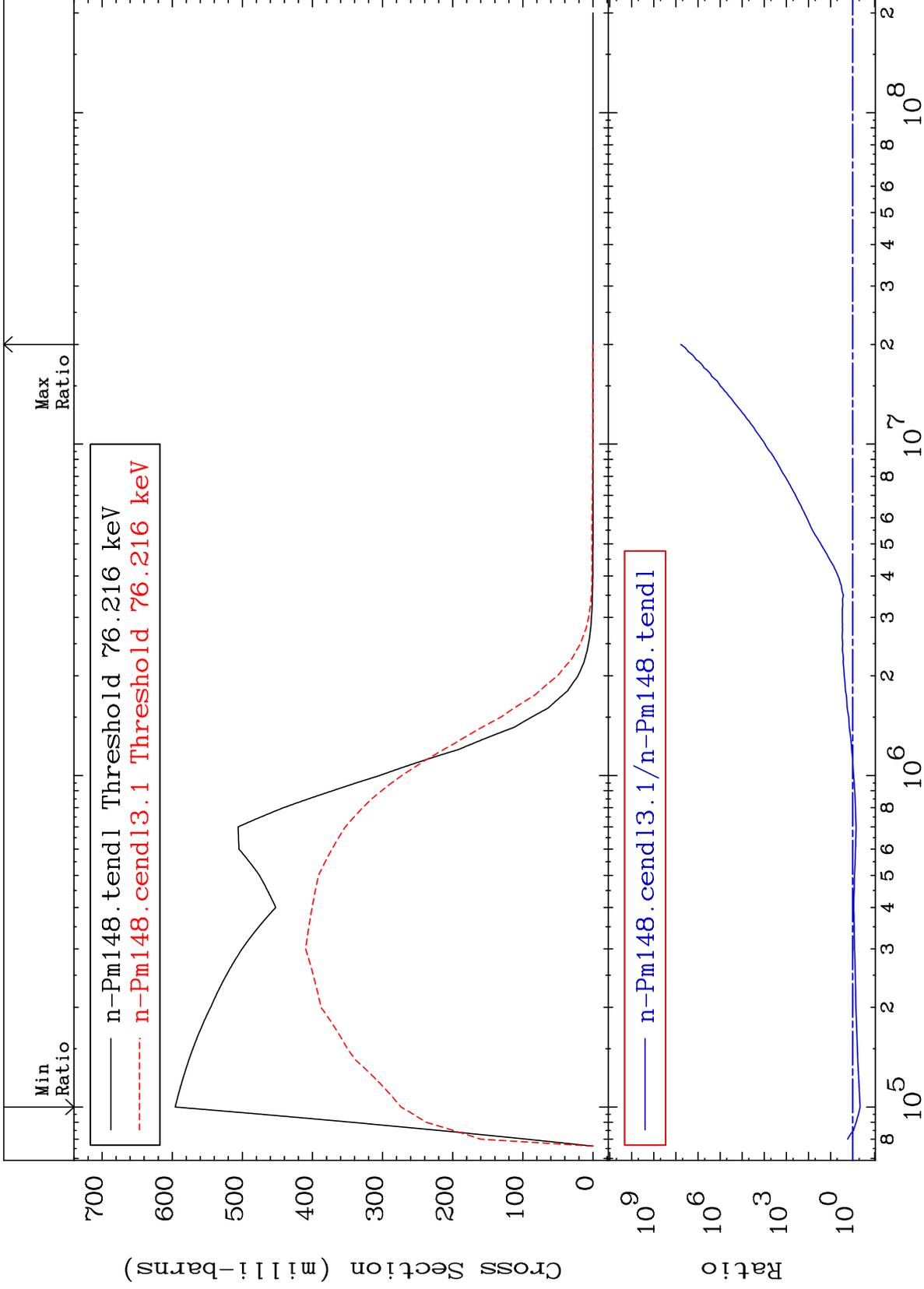
61-Pm-148

61-Pm-148

MAT 6152

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

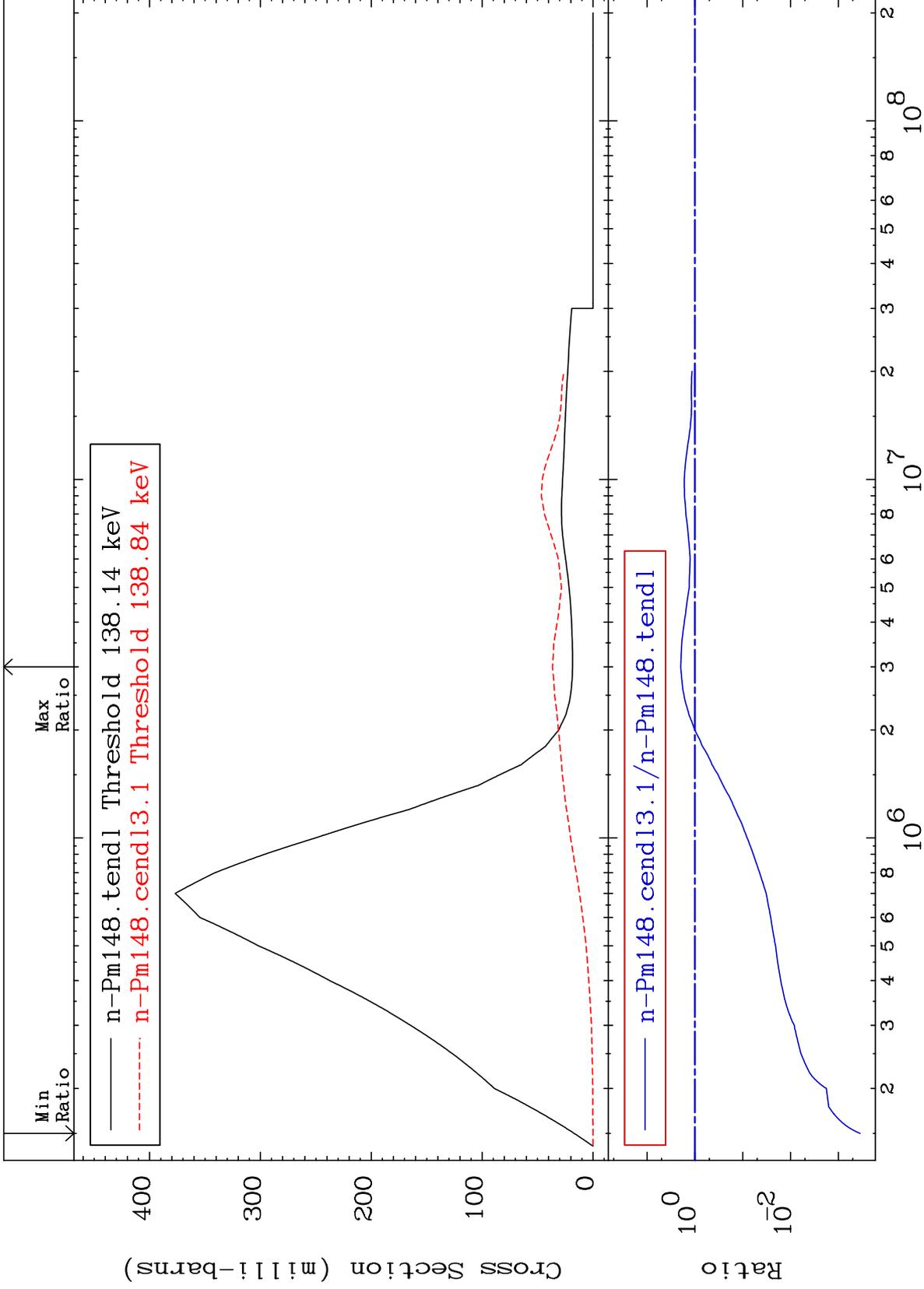
61-Pm-148
-54.06 To 9999. %



MAT 6152

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

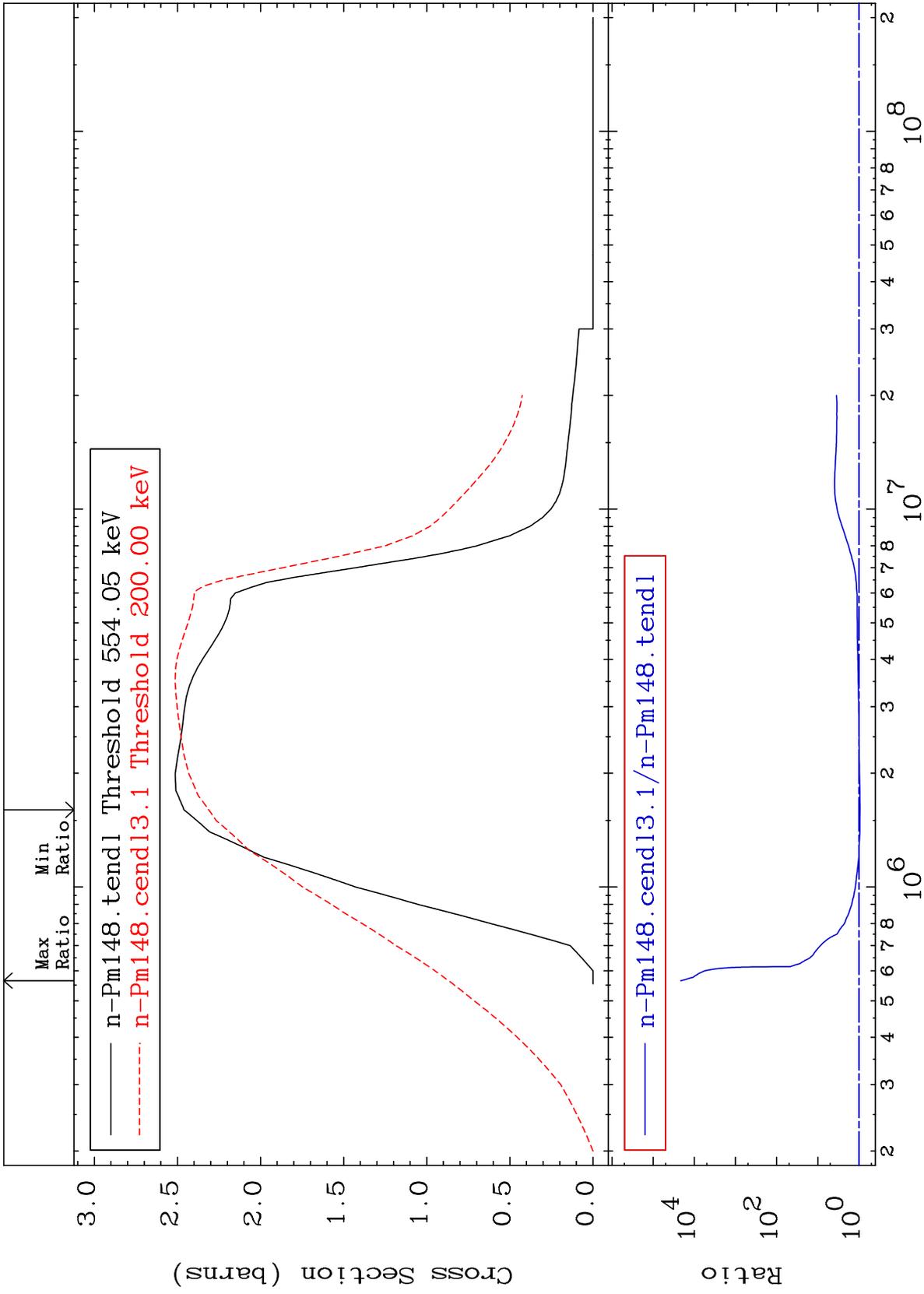
61-Pm-148
-99.97 To 98.04 %



MAT 6152

(n, n') Continuum
Cross Section

61-Pm-148
-6.052 To 9999. %



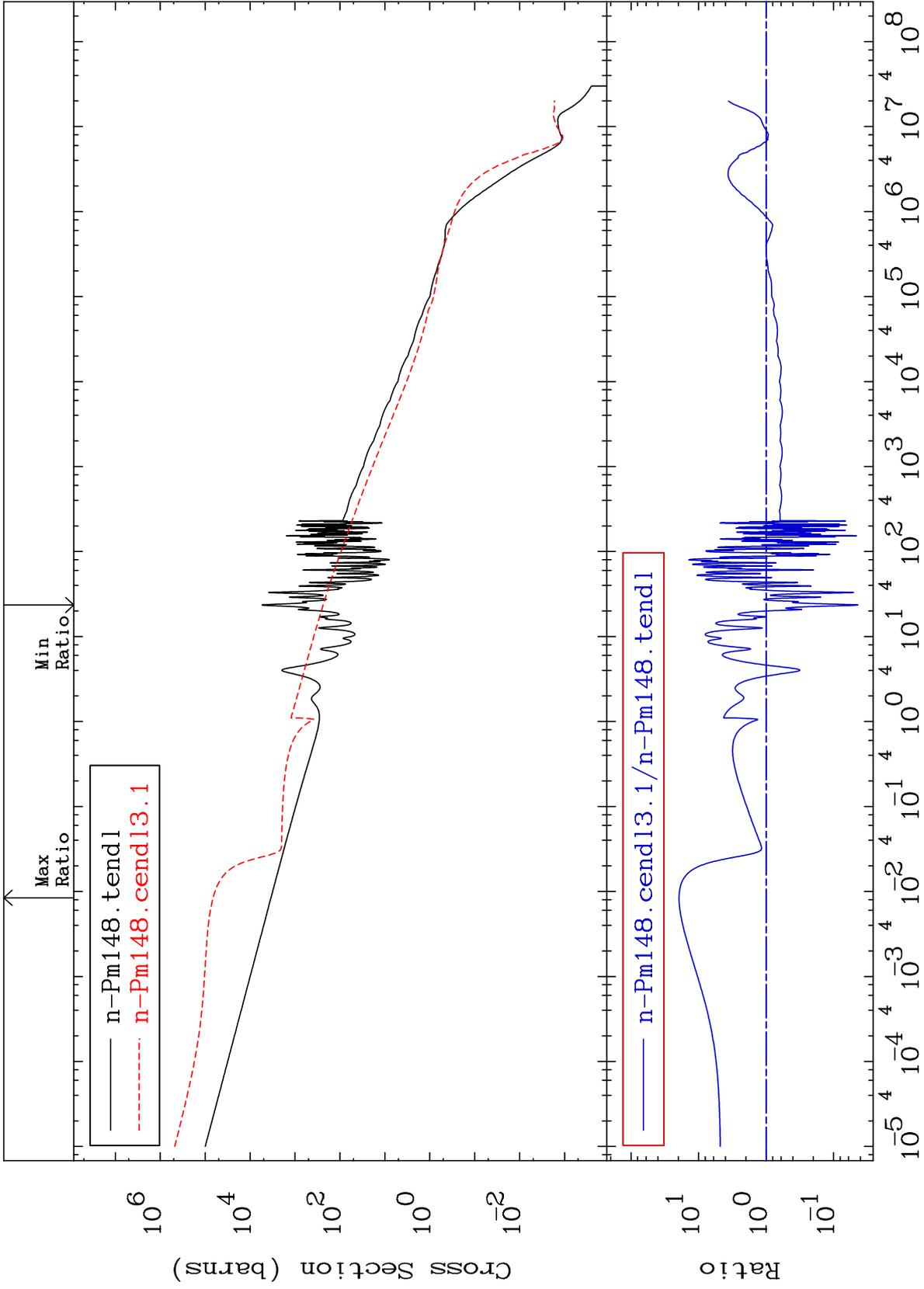
10

61-Pm-148

61-Pm-148

MAT 6152

(n, γ) Cross Section
61-Pm-148
-95.63 To 1849. %



11

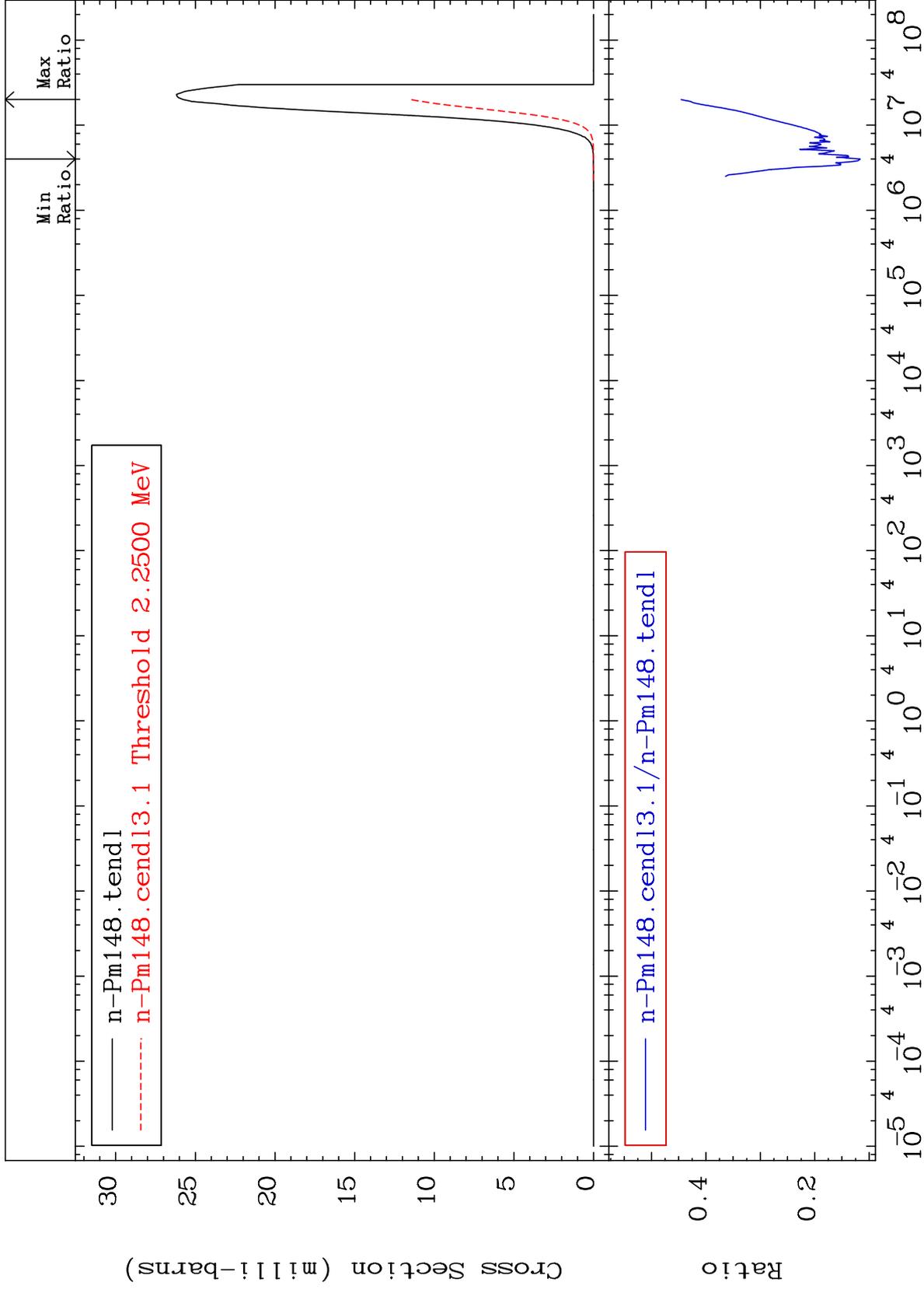
Incident Energy (eV)

61-Pm-148

MAT 6152

(n,p)
Cross Section

61-Pm-148
-88.36 To -55.46%



12

Incident Energy (eV)

61-Pm-148

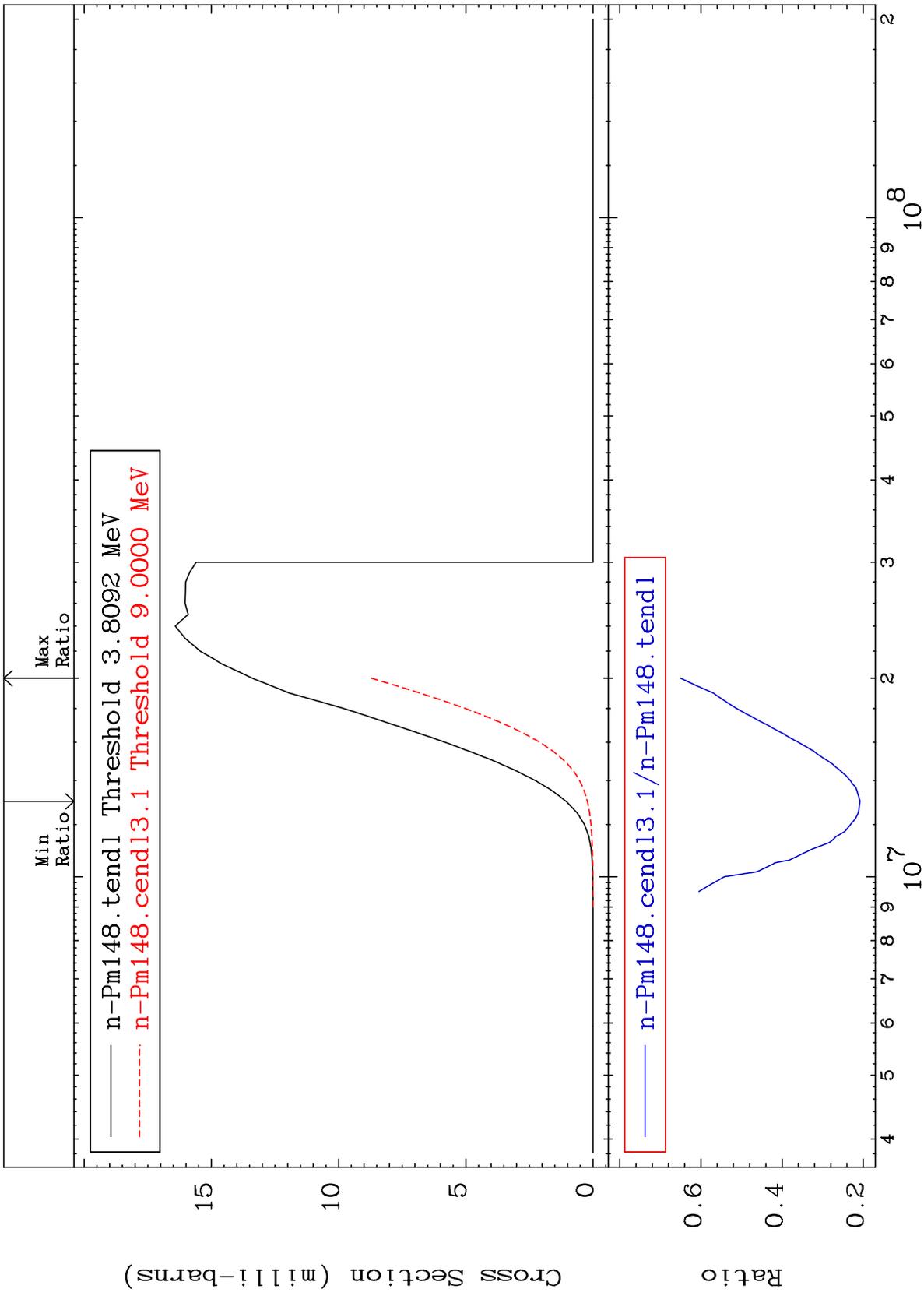
MAT 6152

(n, d)

61-Pm-148

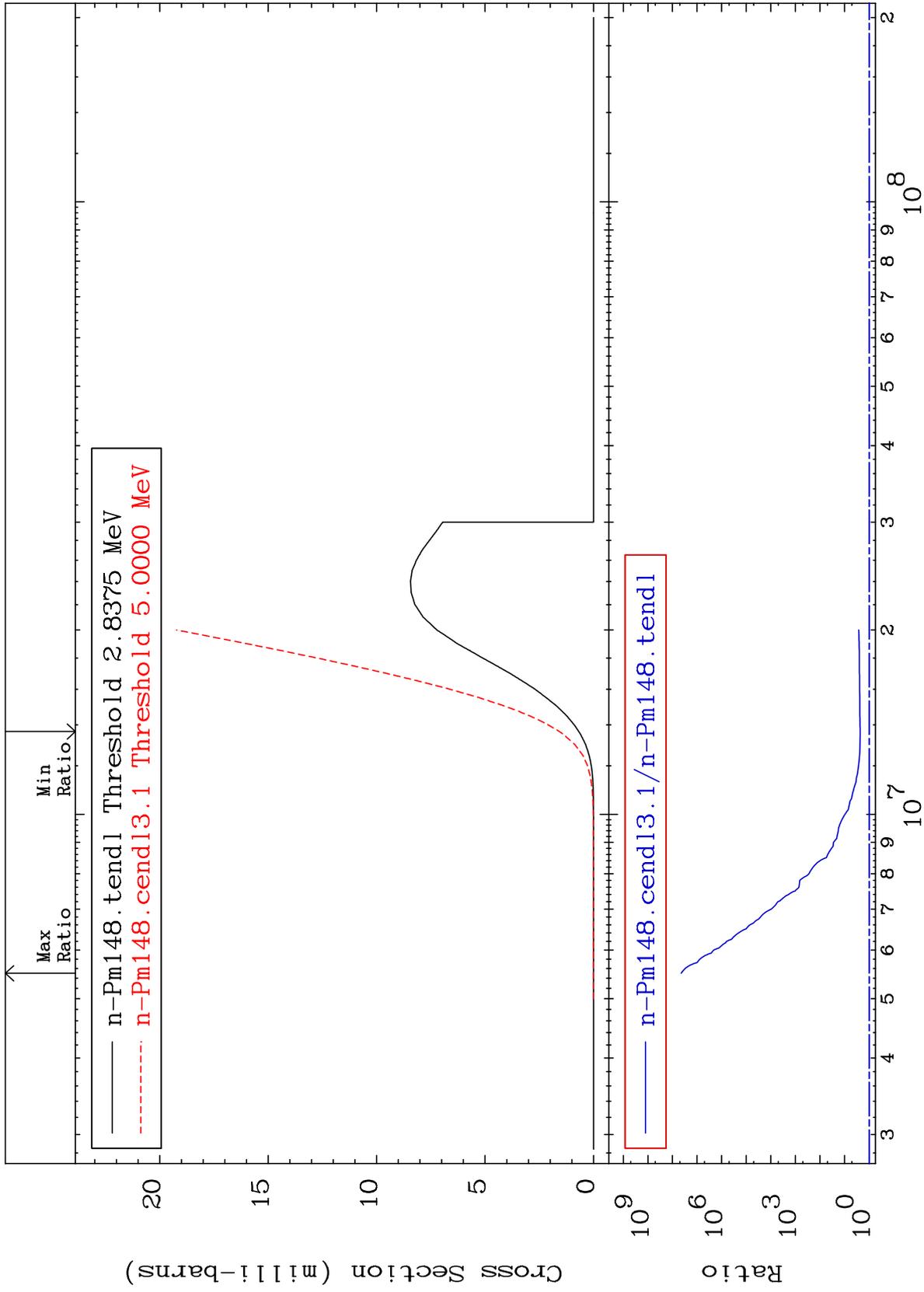
-79.22 To -35.02%

Cross Section



MAT 6152

(n, t) Cross Section
61-Pm-148
131.1 To 9999. %



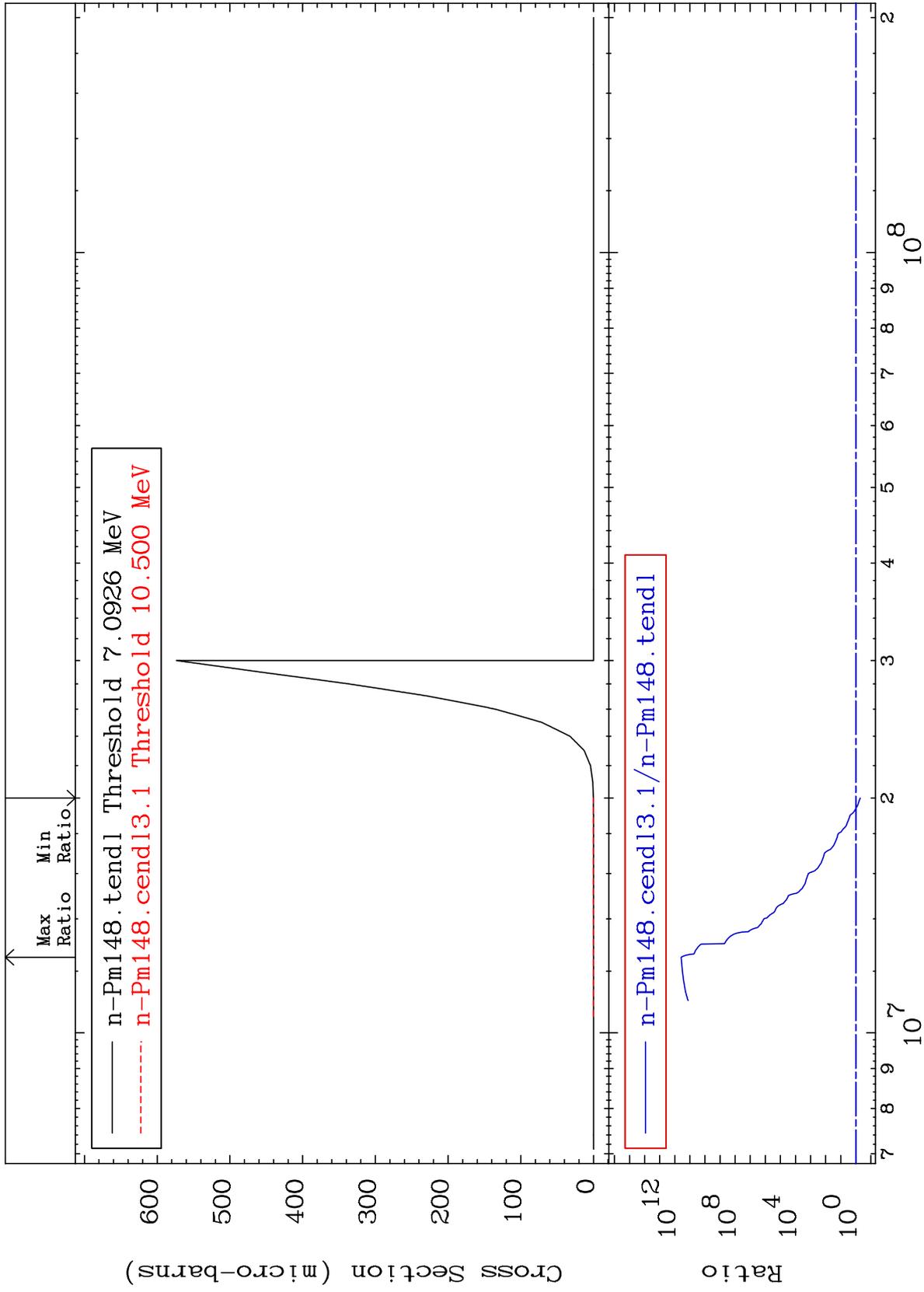
MAT 6152

(n, He-3)

61-Pm-148

Cross Section

-48.96 To 9999. %

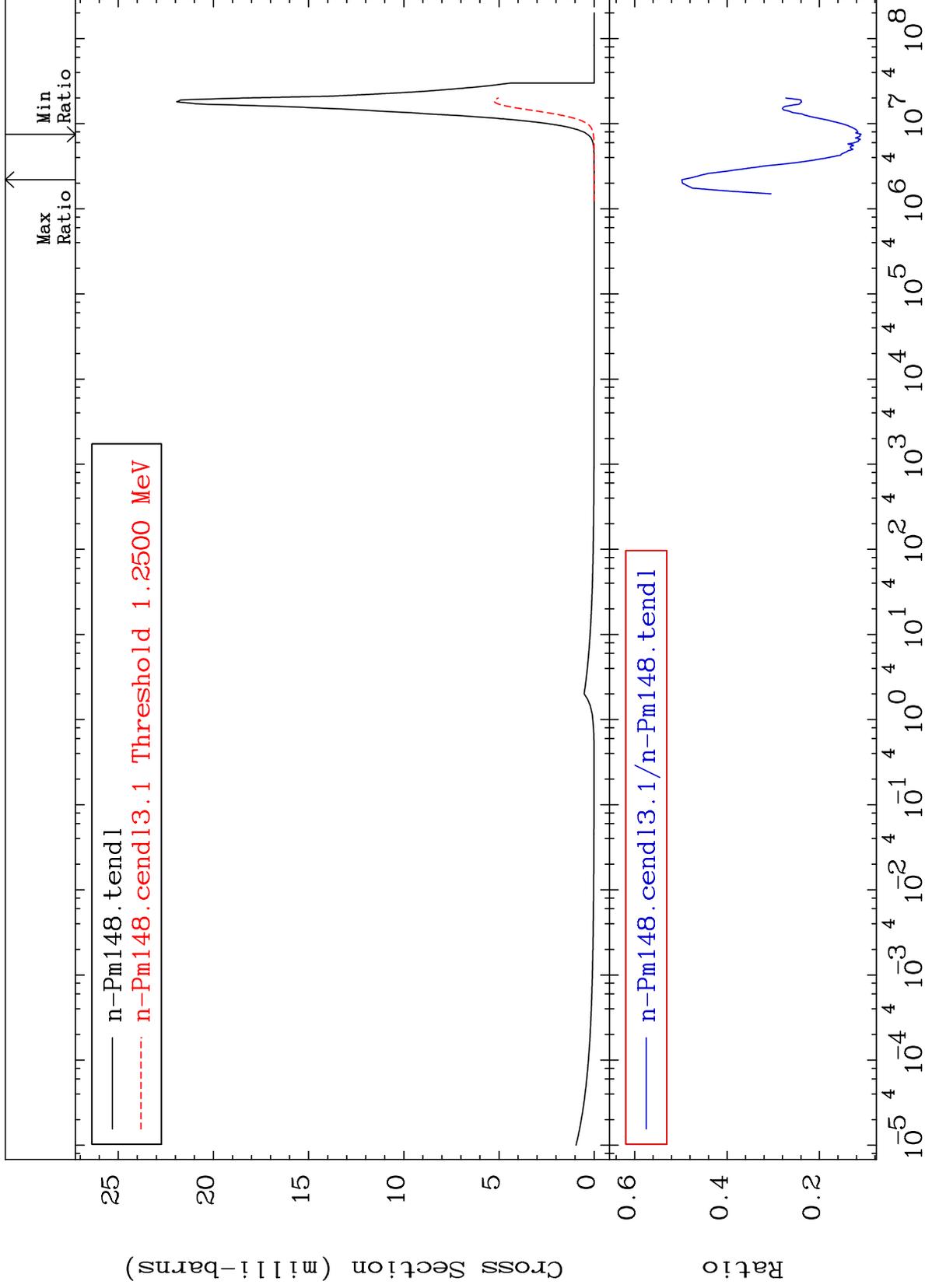


15

MAT 6152

(n, α)
Cross Section

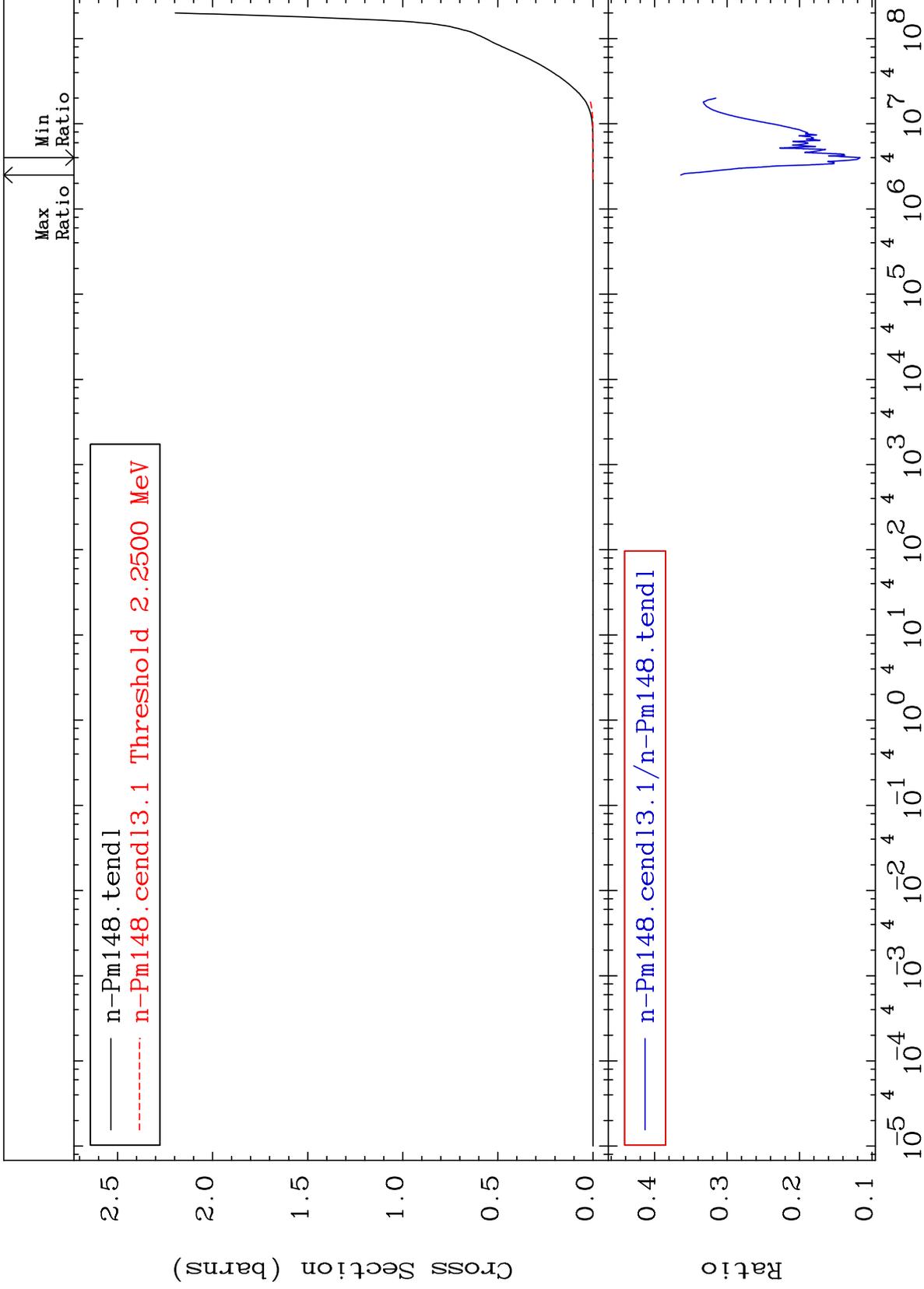
61-Pm-148
-89.01 To -50.23%



16

Incident Energy (eV)

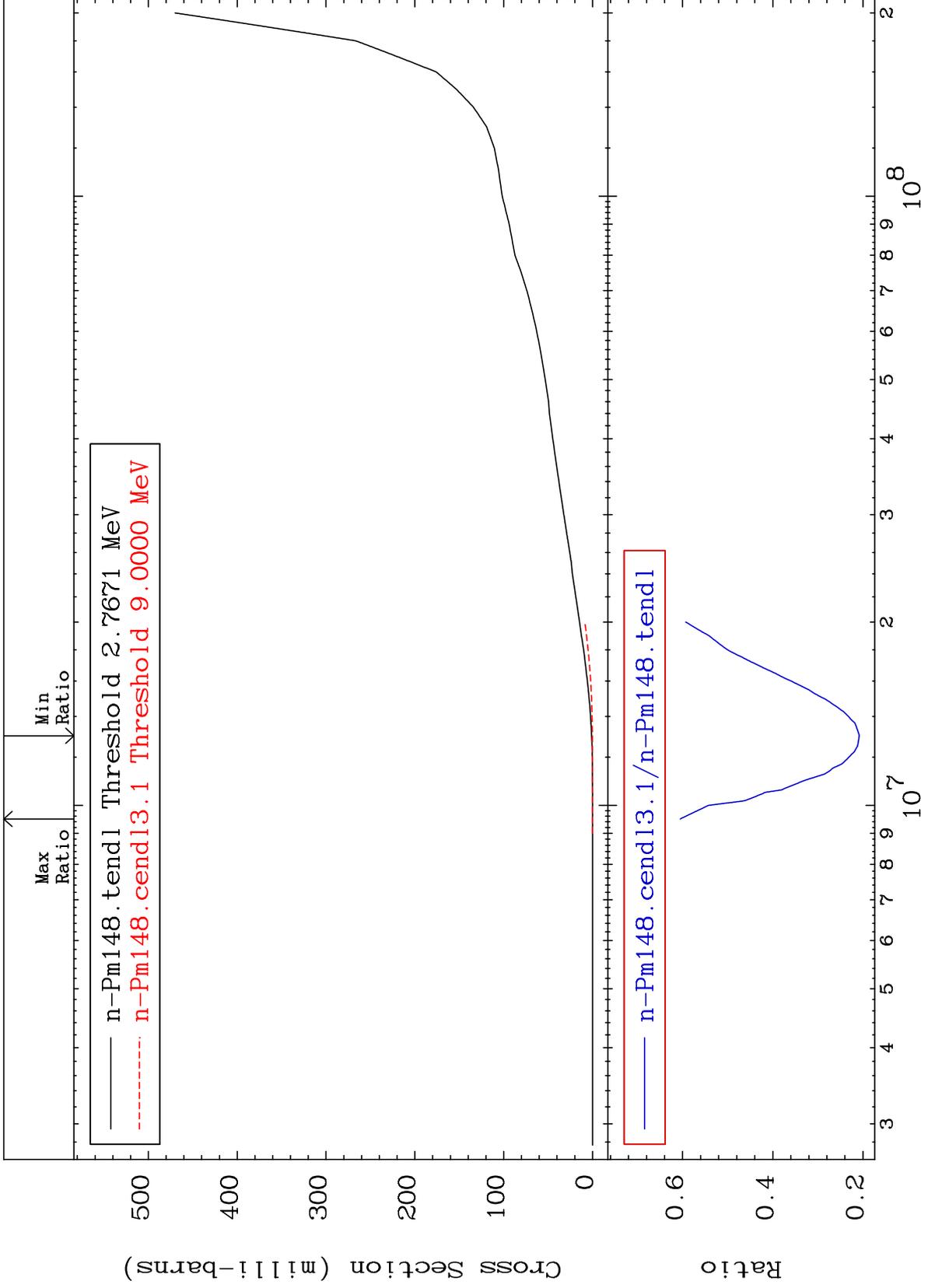
61-Pm-148



MAT 6152

Deuterium Production
Cross Section

61-Pm-148
-79.22 To -39.48%



18

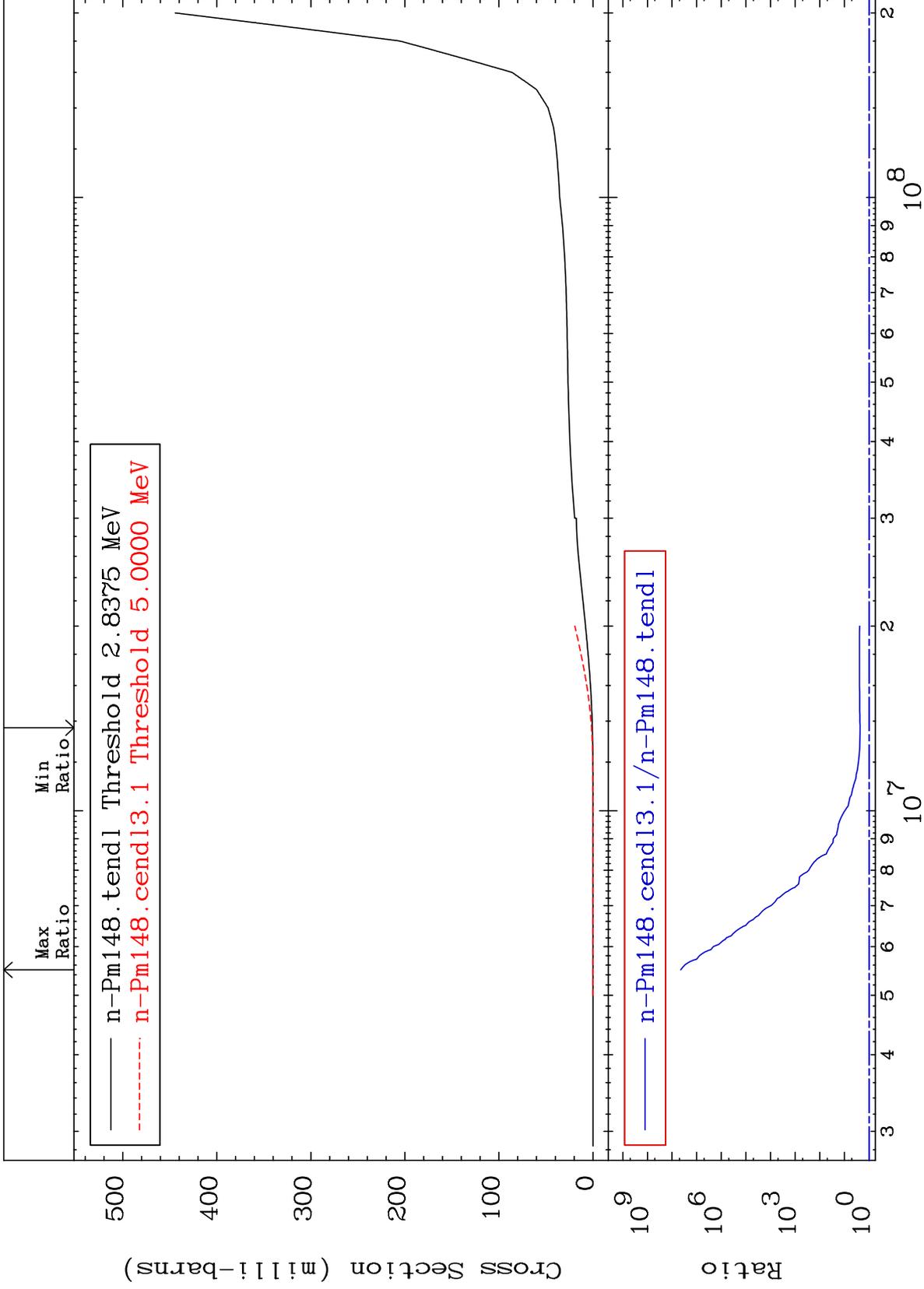
Incident Energy (eV)

61-Pm-148

MAT 6152

Tritium Production
Cross Section

61-Pm-148
131.1 To 9999. %



19

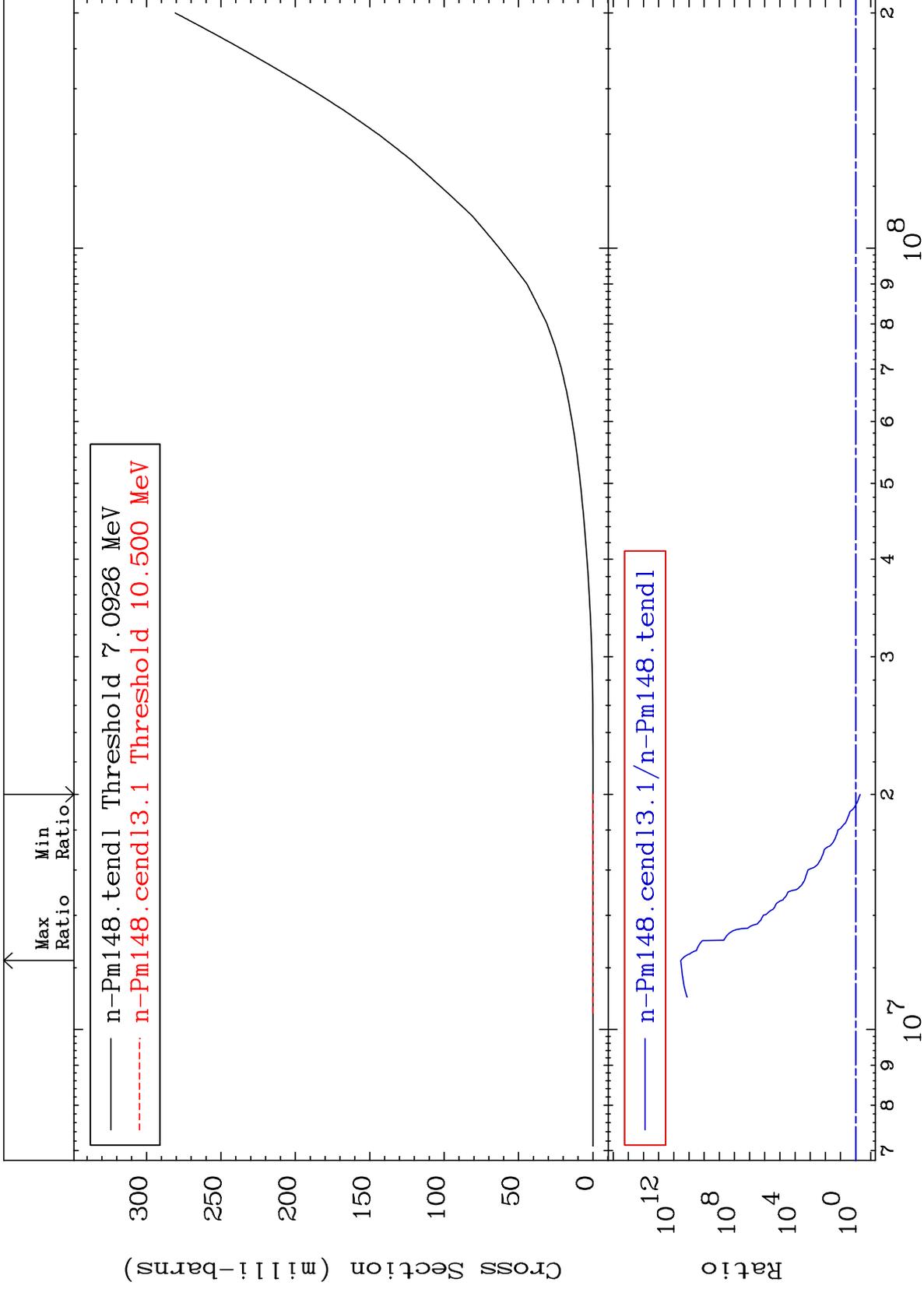
Incident Energy (eV)

61-Pm-148

MAT 6152

He-3 Production
Cross Section

61-Pm-148
-48.96 To 9999. %



20

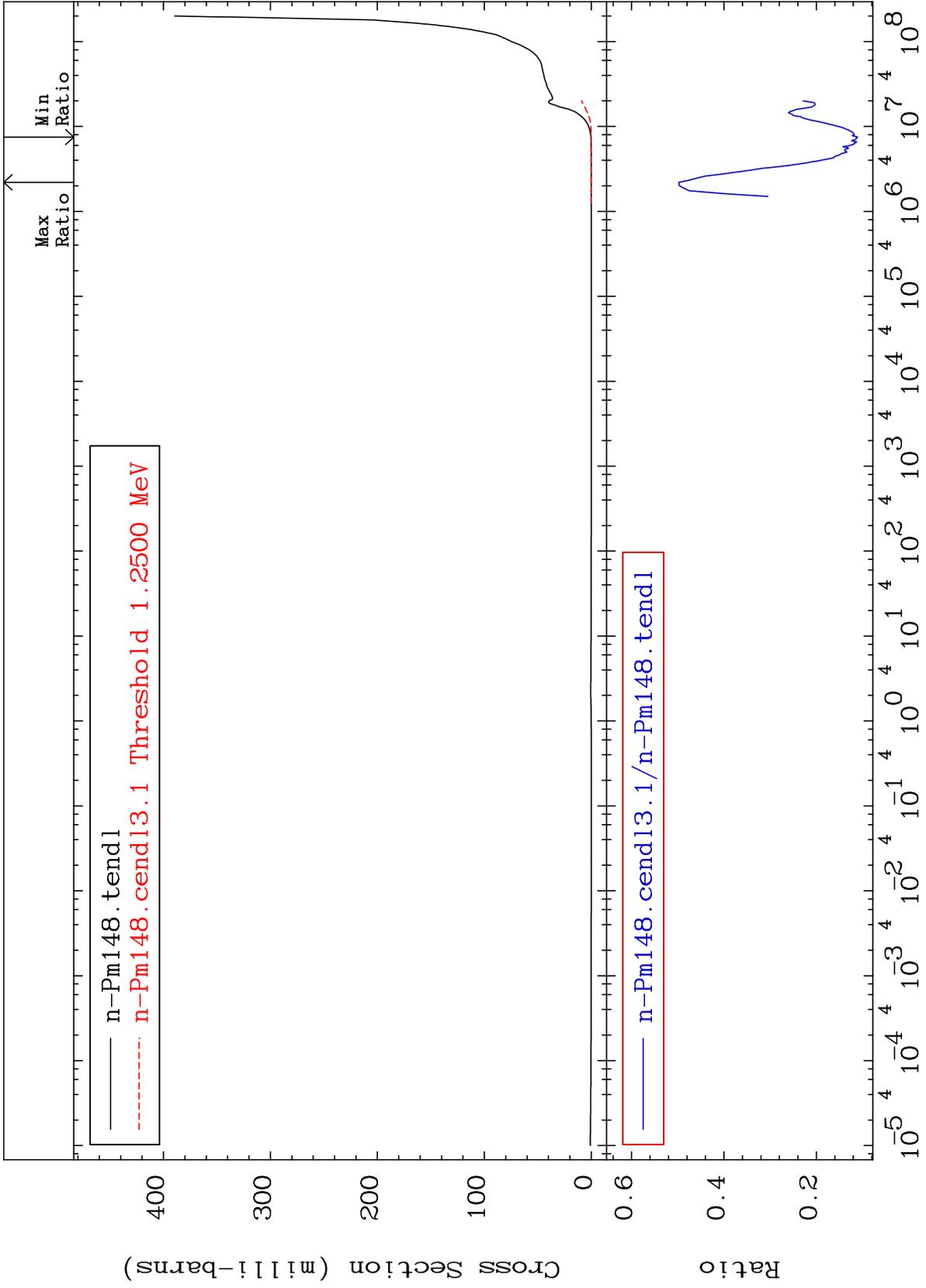
Incident Energy (eV)

61-Pm-148

MAT 6152

He-4 Production
Cross Section

61-Pm-148
-88.94 To -50.23%



21

Incident Energy (eV)

61-Pm-148

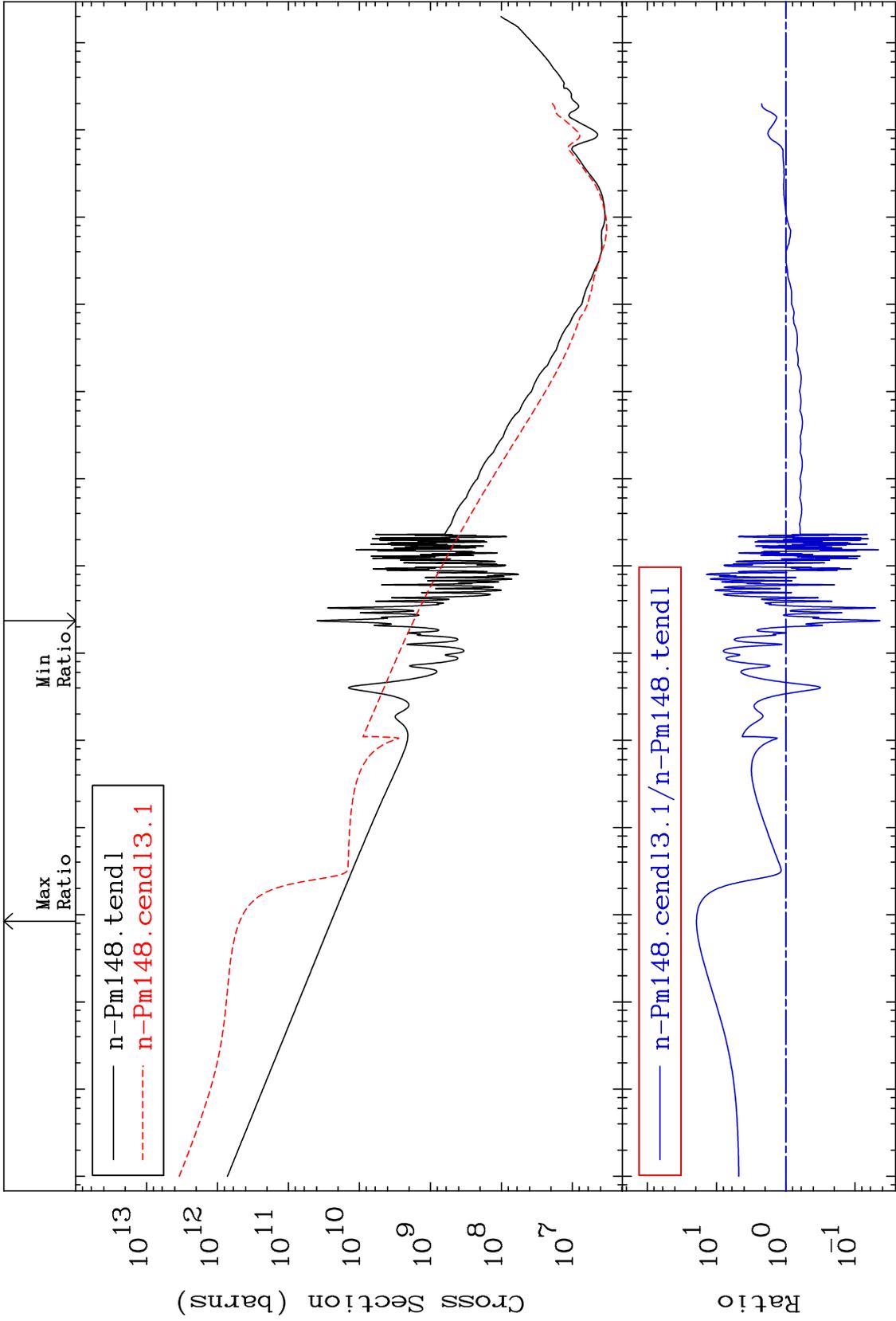
MAT 6152

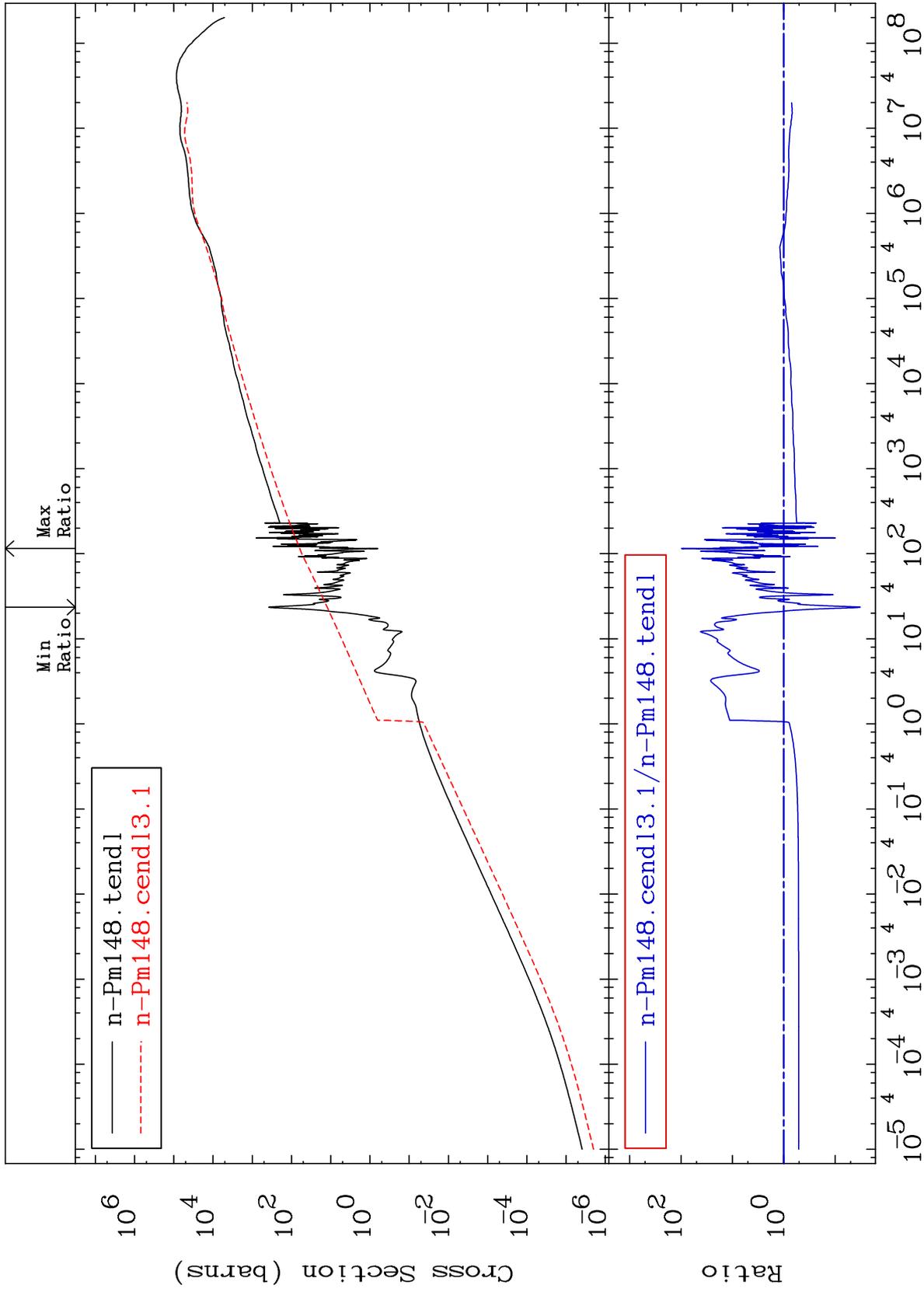
Kerma total (eV-barns)

61-Pm-148

-95.63 To 1849. %

Cross Section

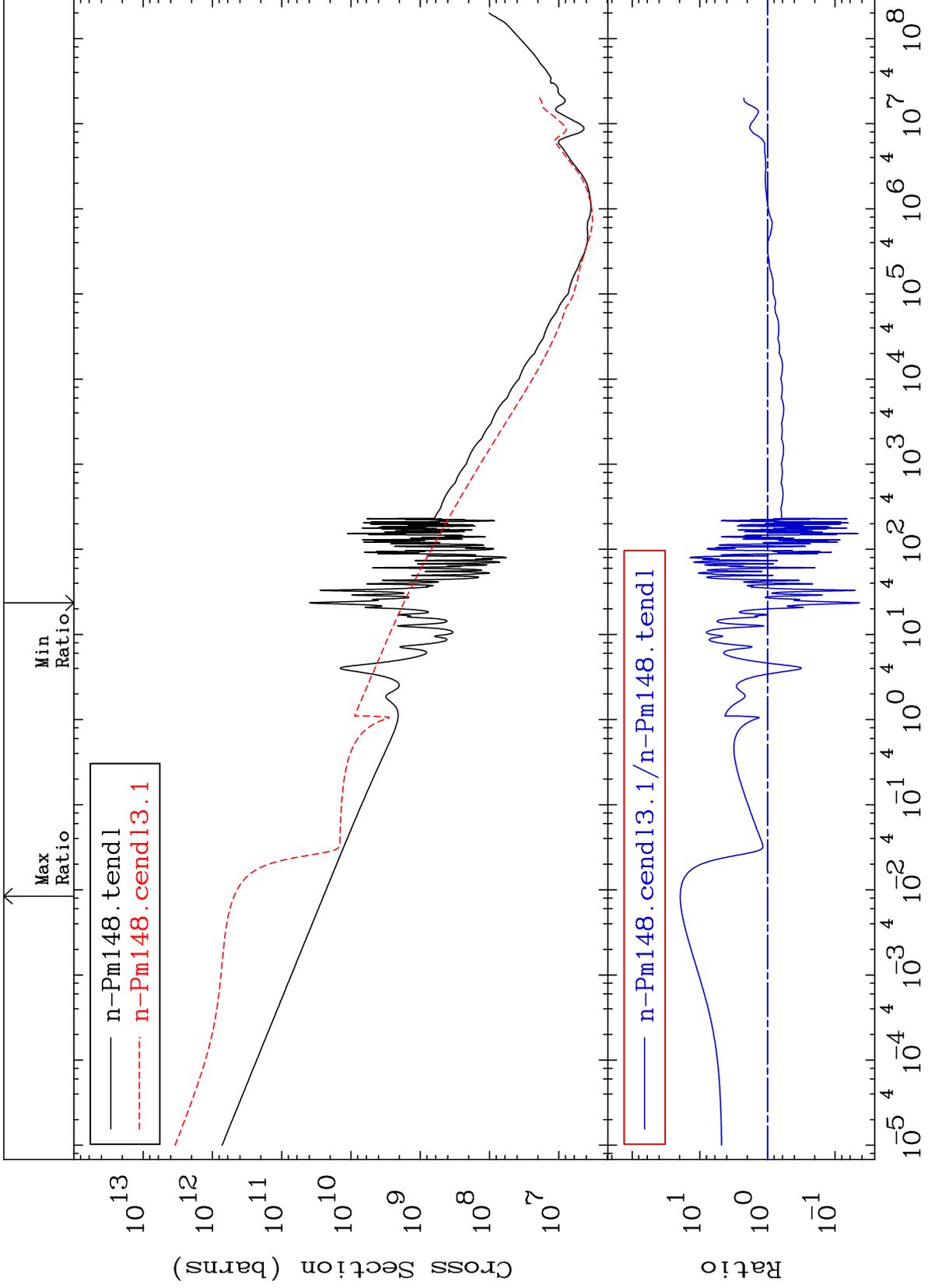


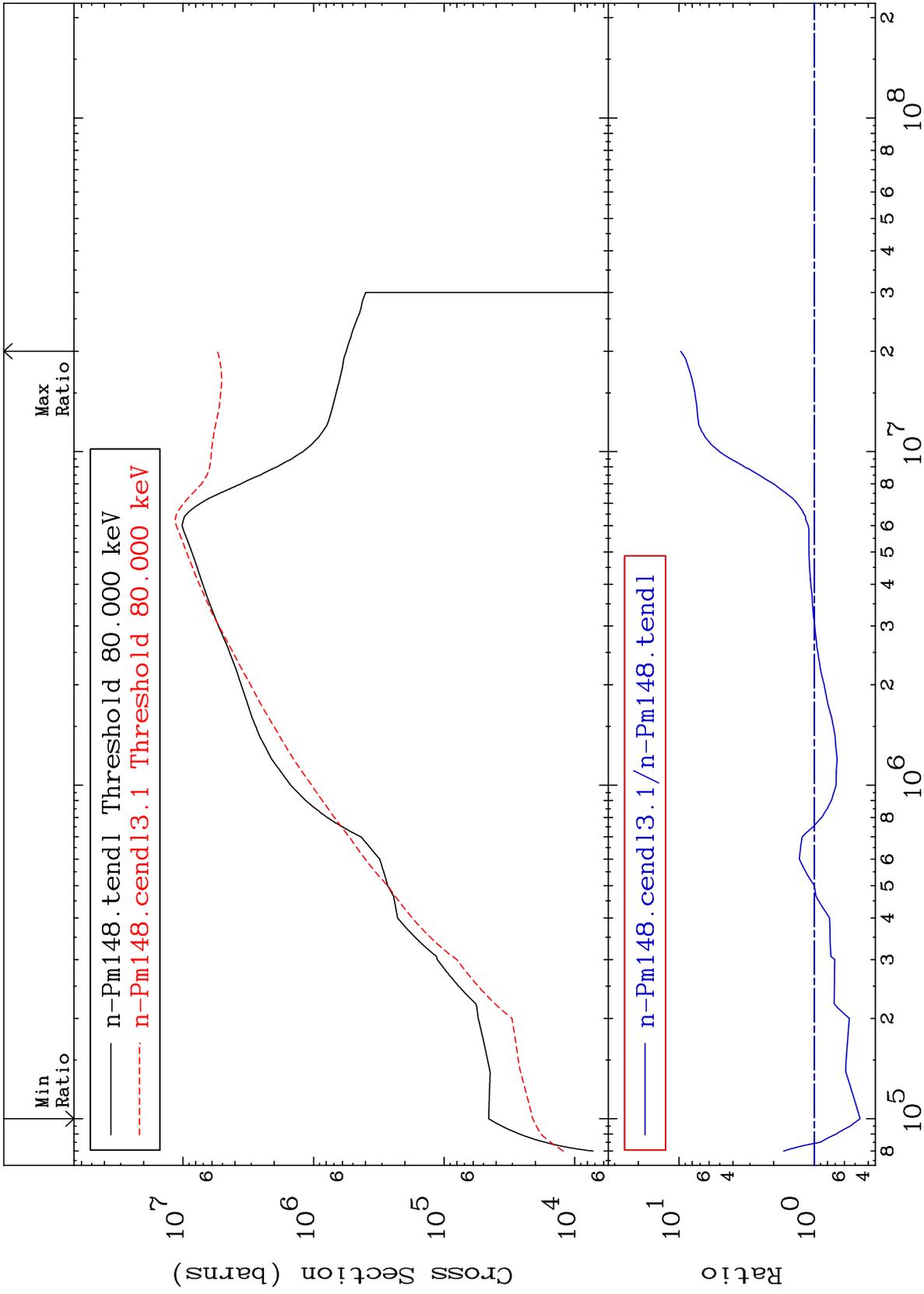


MAT 6152

Kerma non-elastic (all but mt2)
Cross Section

61-Pm-148
-95.63 To 1849. %

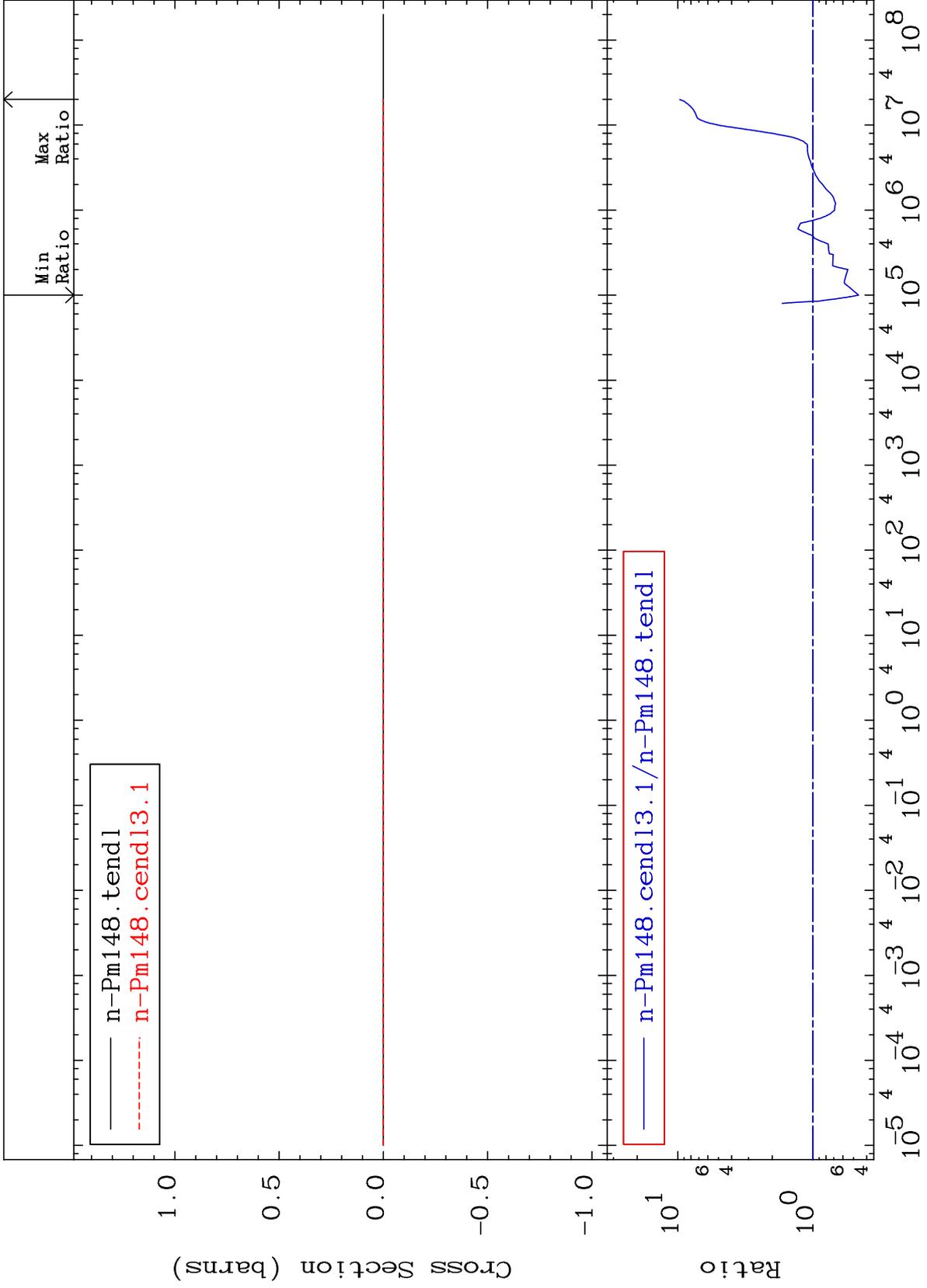




MAT 6152

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

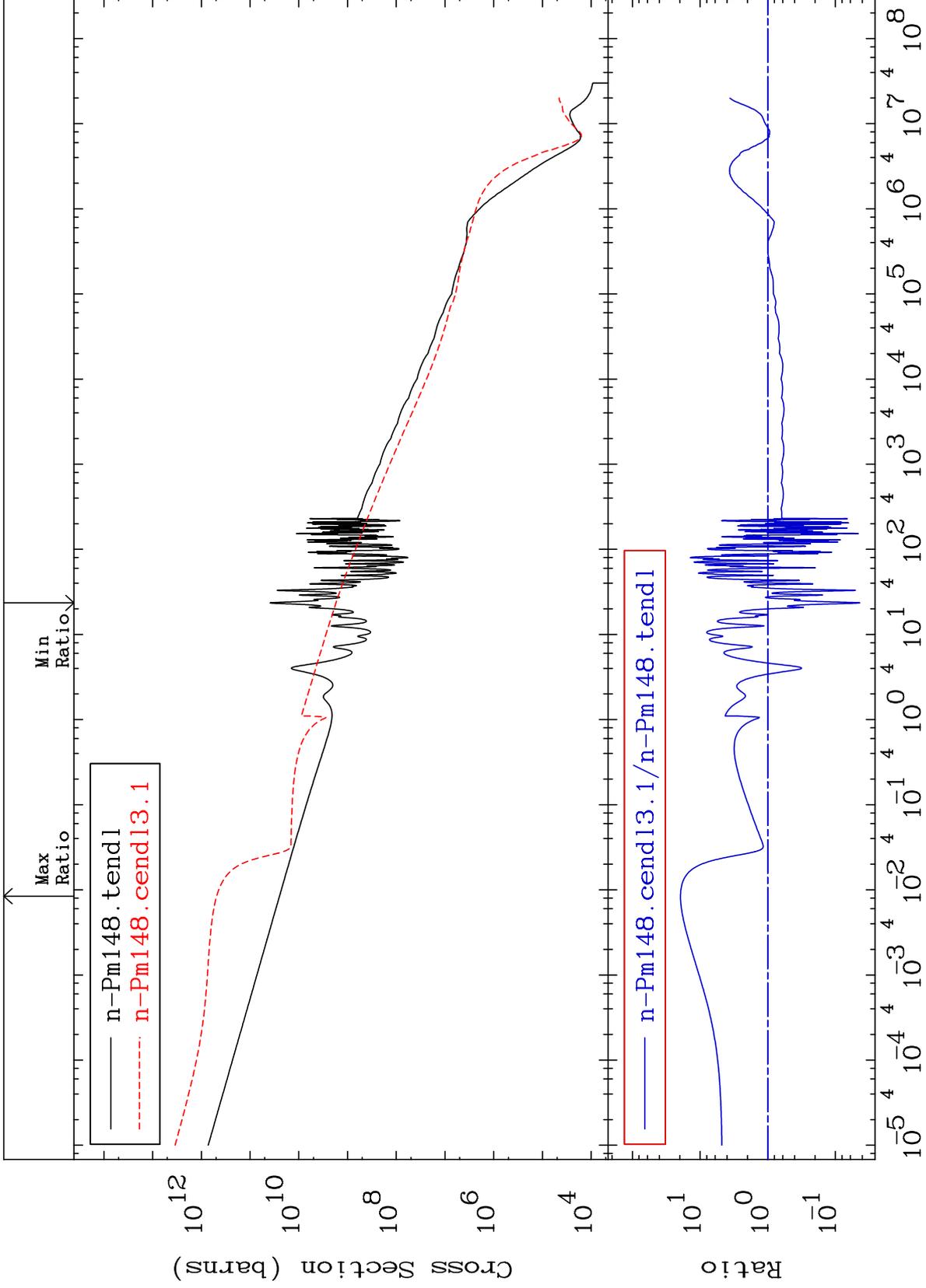
61-Pm-148
-54.06 To 872.0 %



MAT 6152

Kerma capture (mt102)
Cross Section

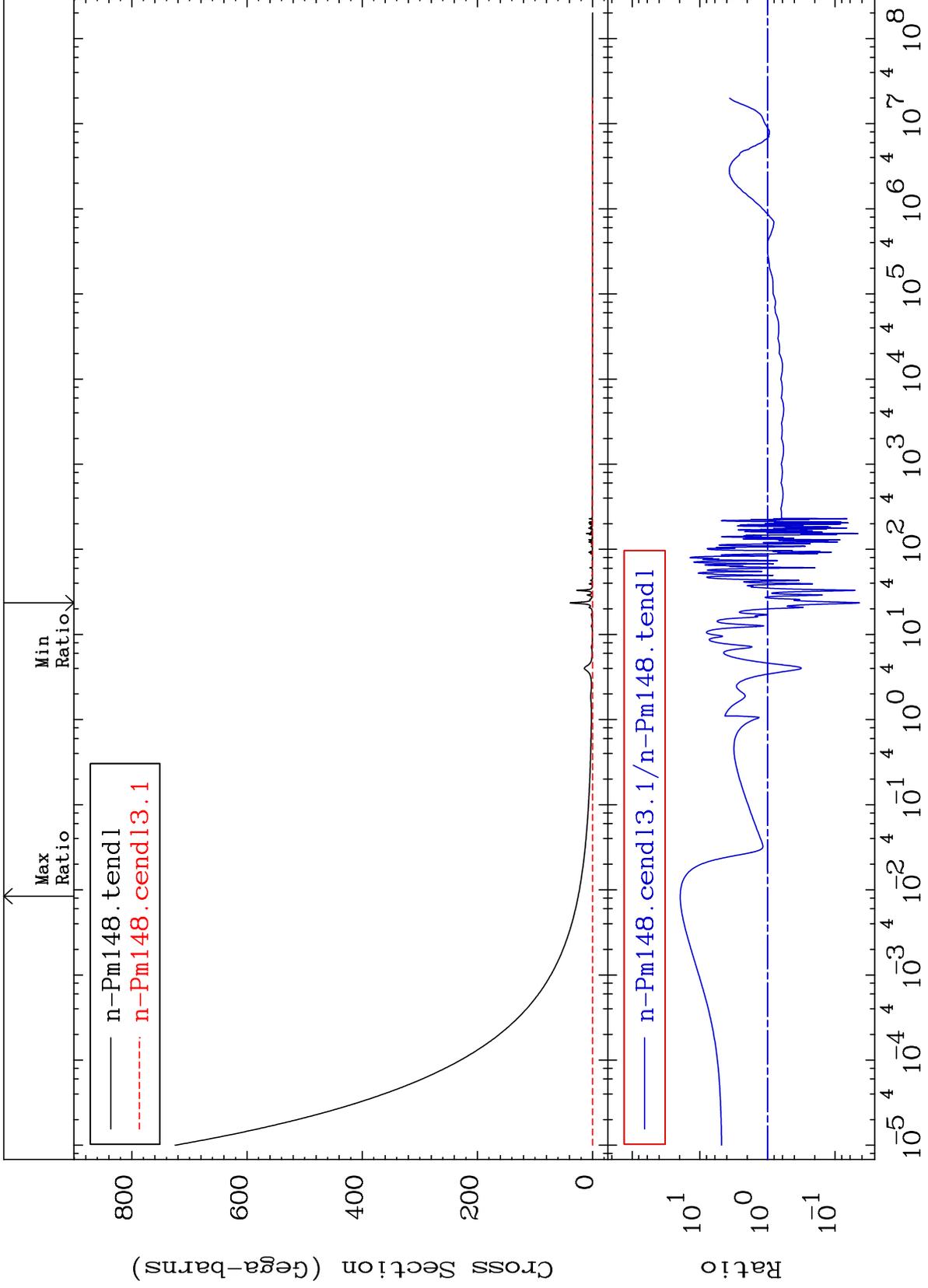
61-Pm-148
-95.63 To 1849. %

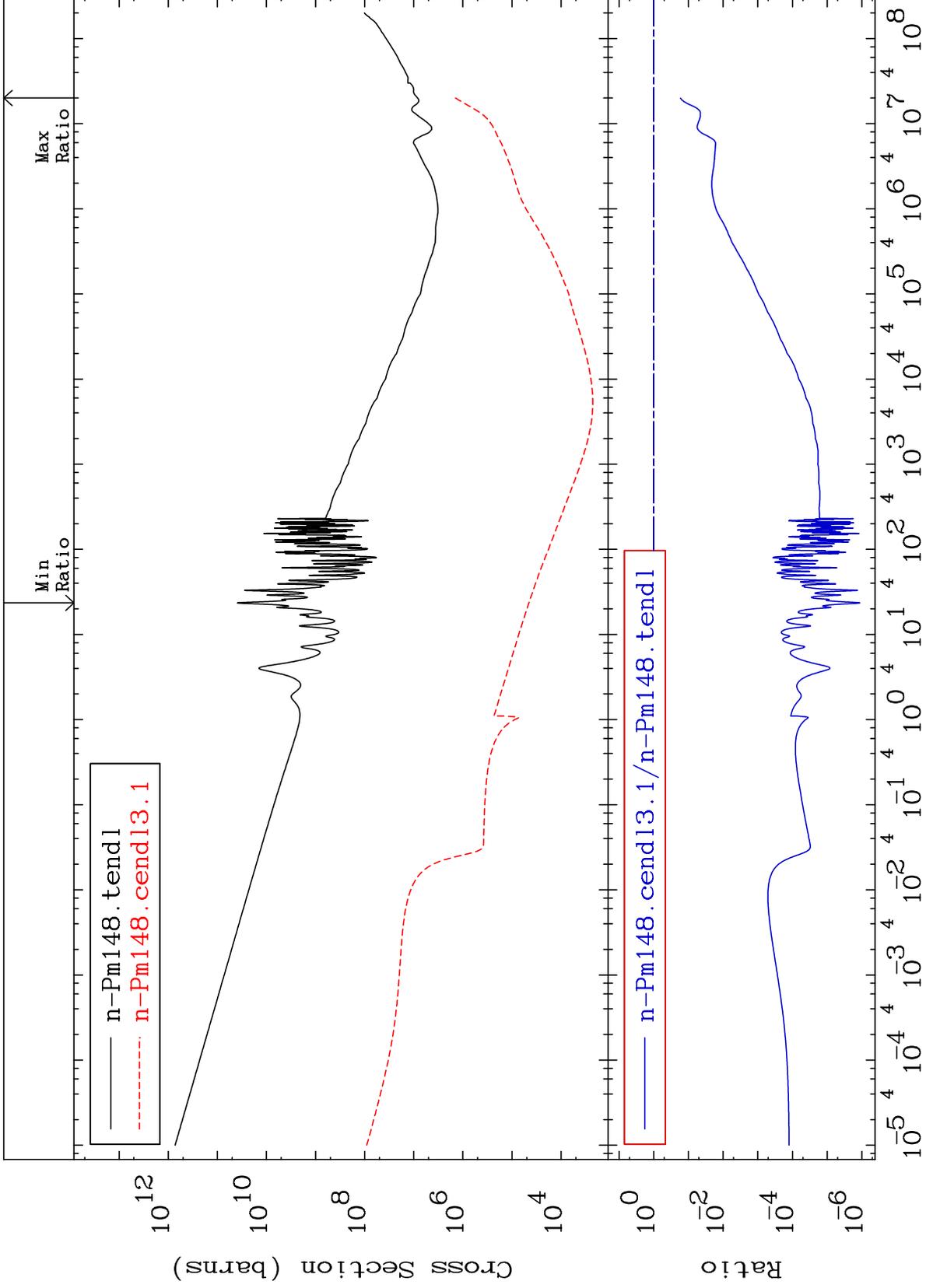


MAT 6152

Total photon (eV-barns)
Cross Section

61-Pm-148
-95.63 To 1849. %

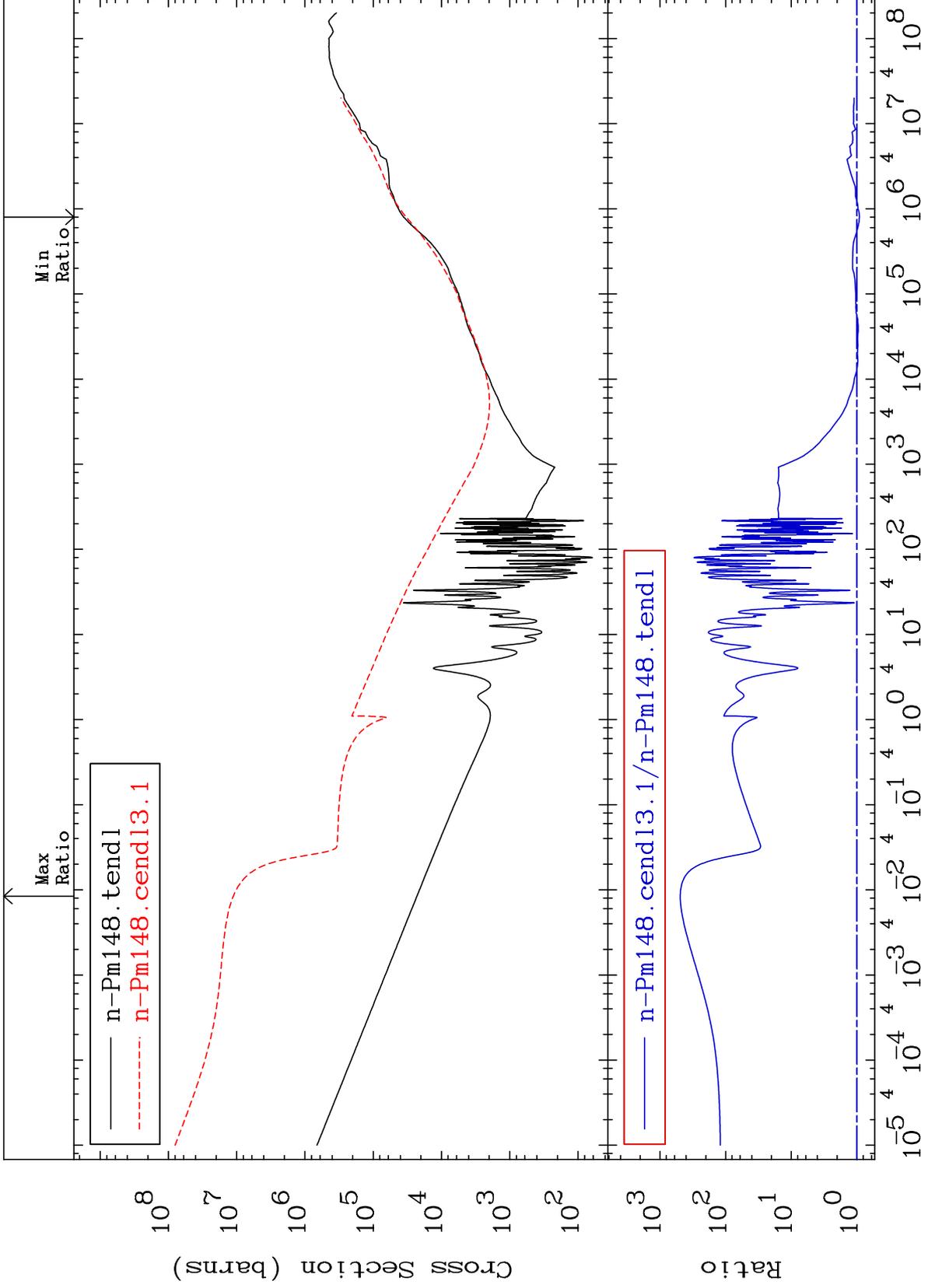


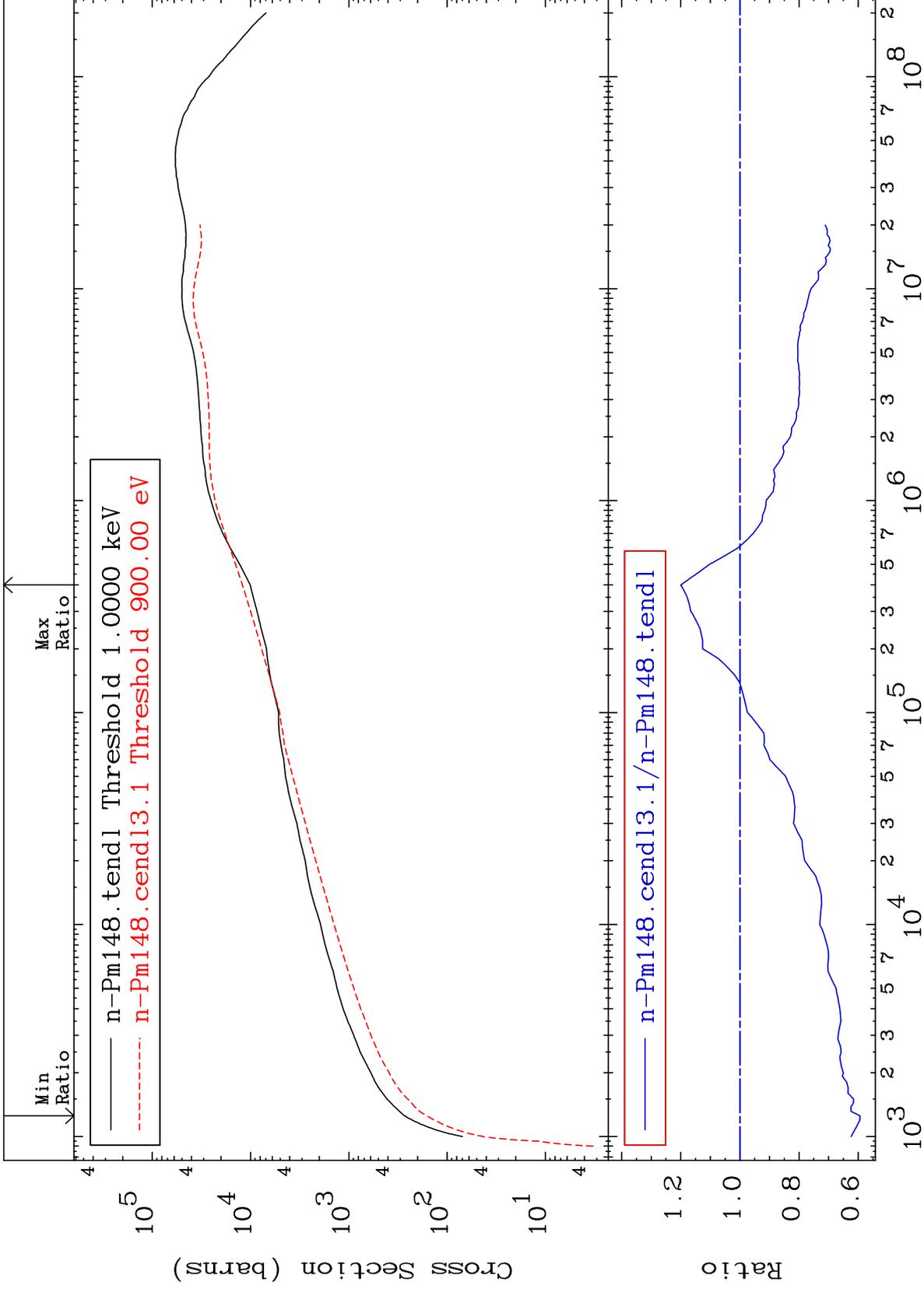


MAT 6152

Dpa total (eV-barns)
Cross Section

61-Pm-148
-8.569 To 9999. %

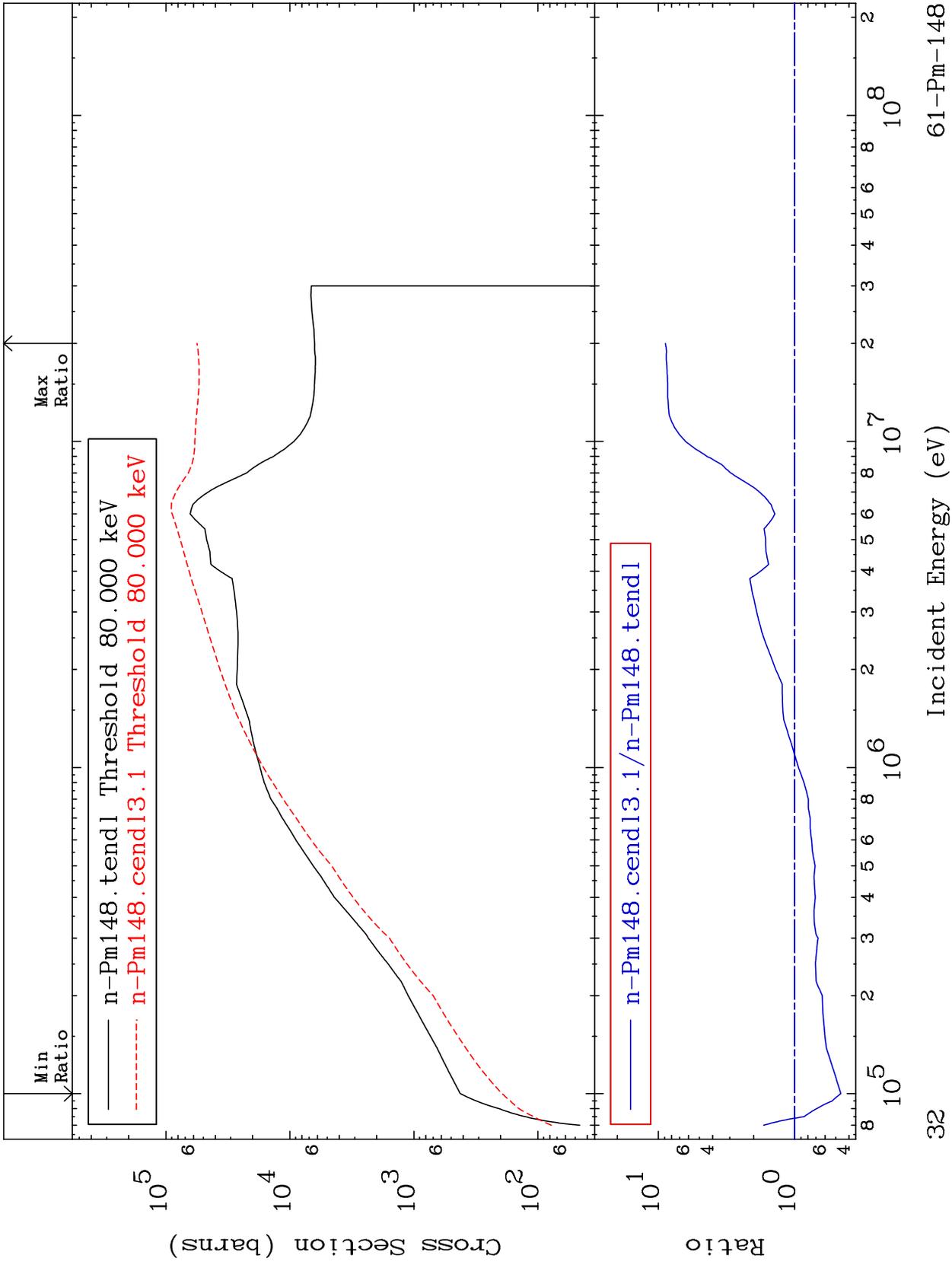




MAT 6152

Dpa inelastic (mt51-91)
Cross Section

61-Pm-148
-54.06 To 786.5 %



MAT 6152

Dpa disappearance (mt102 -120)
Cross Section

61-Pm-148
-68.22 To 9999. %

