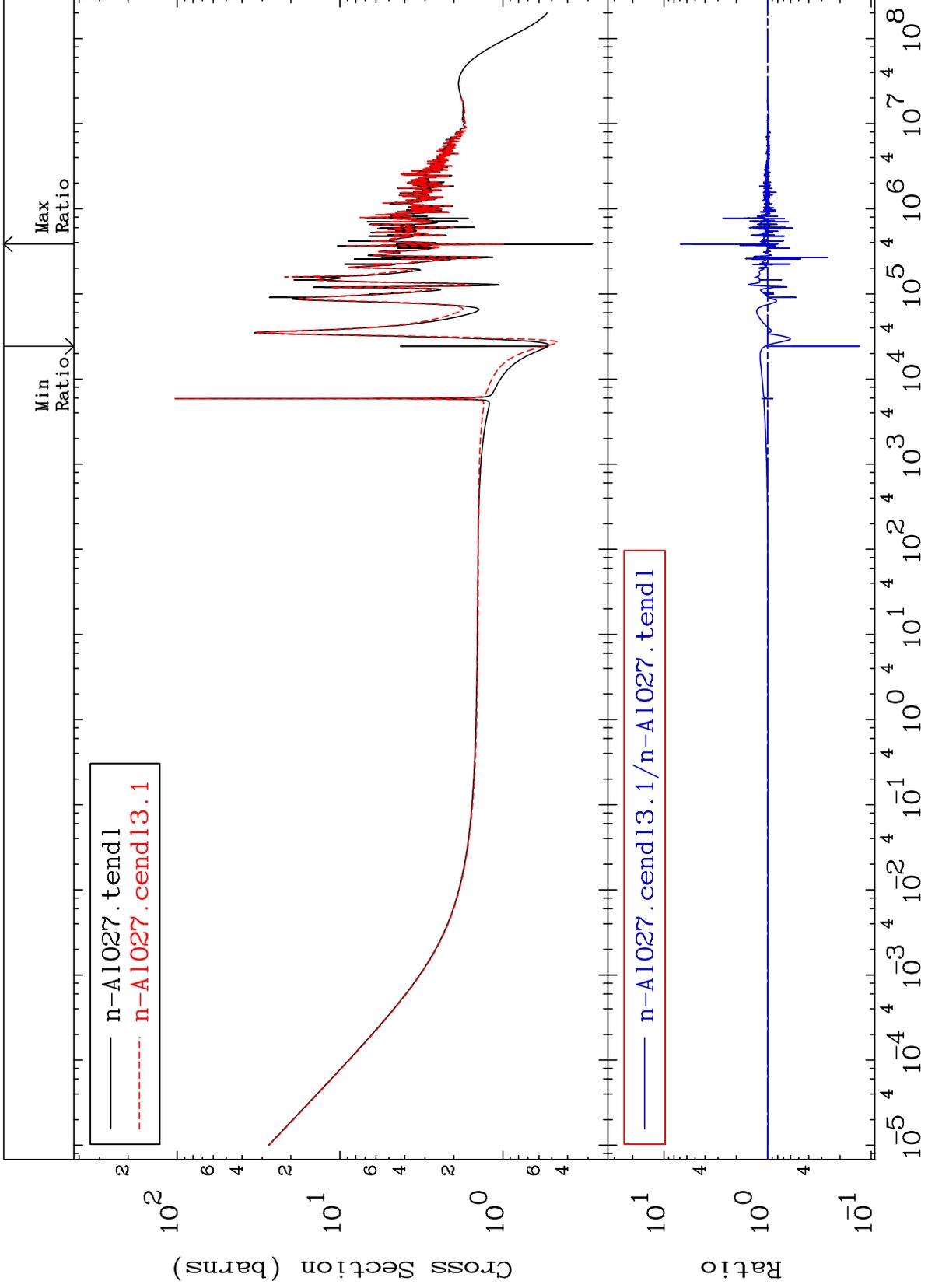


MAT 1325

Total
Cross Section

13-A1-27
-87.02 To 594.4 %



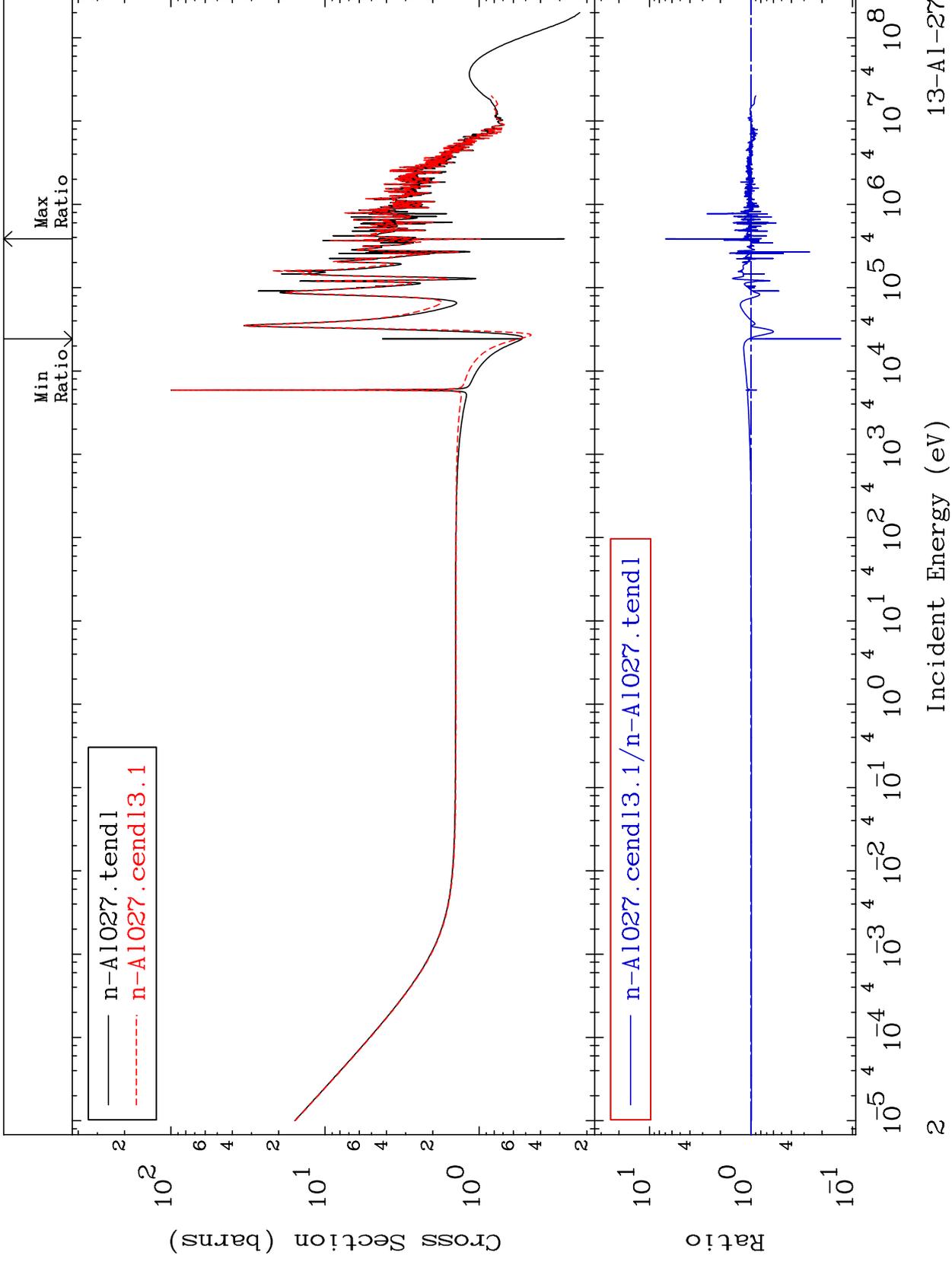
Incident Energy (eV)

13-A1-27

MAT 1325

Elastic
Cross Section

13-Al-27
-86.95 To 595.7 %



13-Al-27

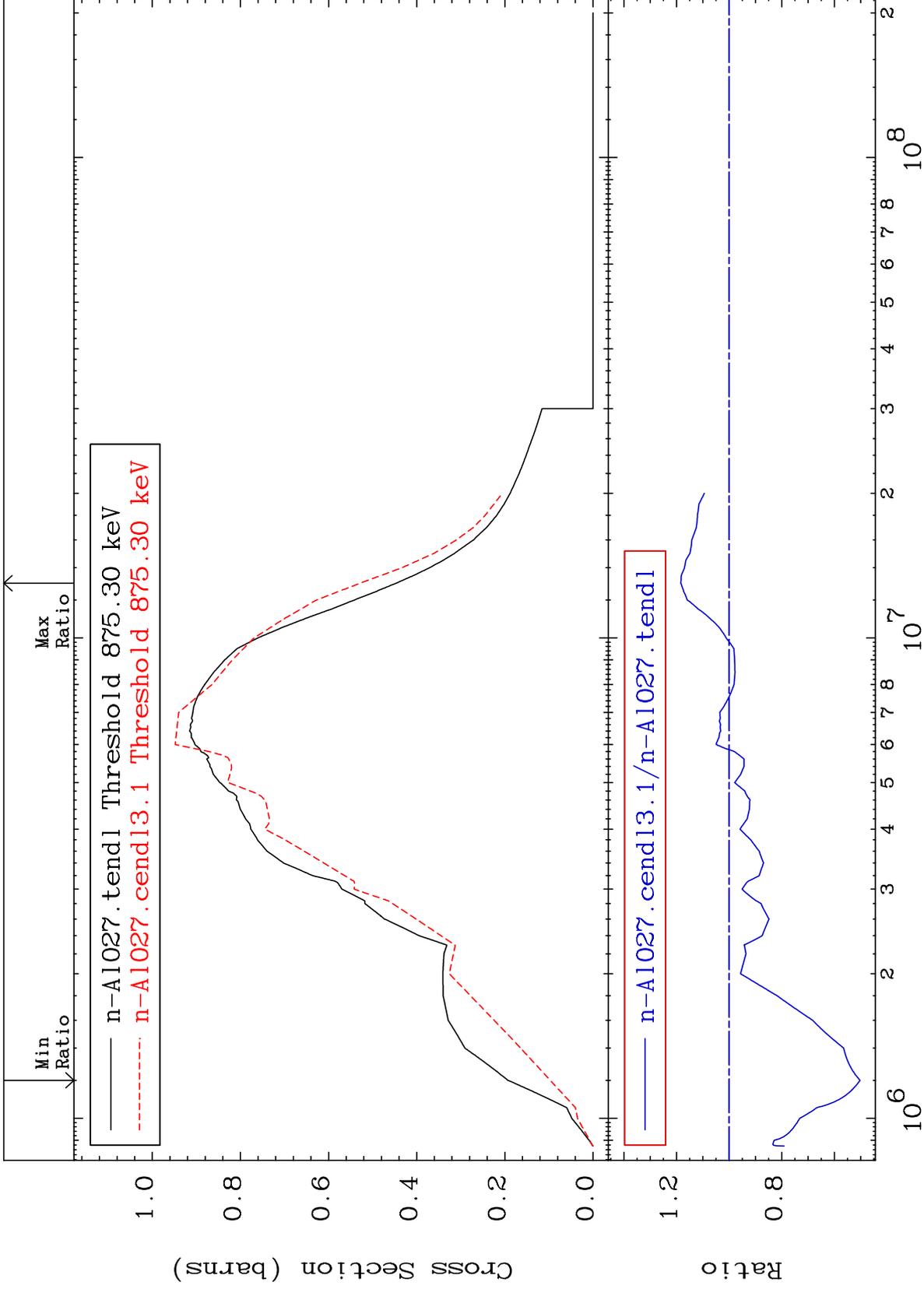
Incident Energy (eV)

2

MAT 1325

Inelastic
Cross Section

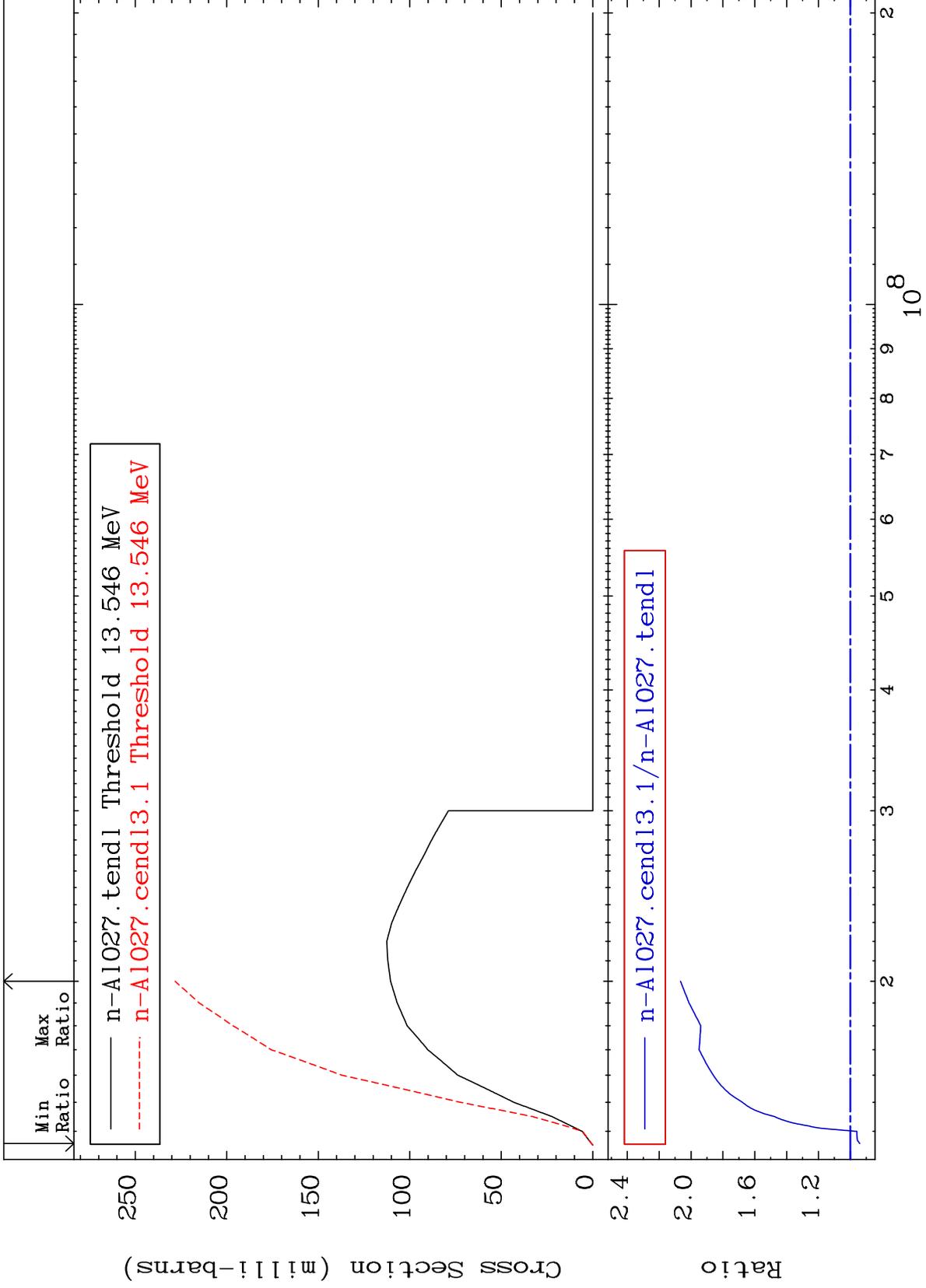
13-Al-27
-49.76 To 18.38 %



MAT 1325

(n,2n)
Cross Section

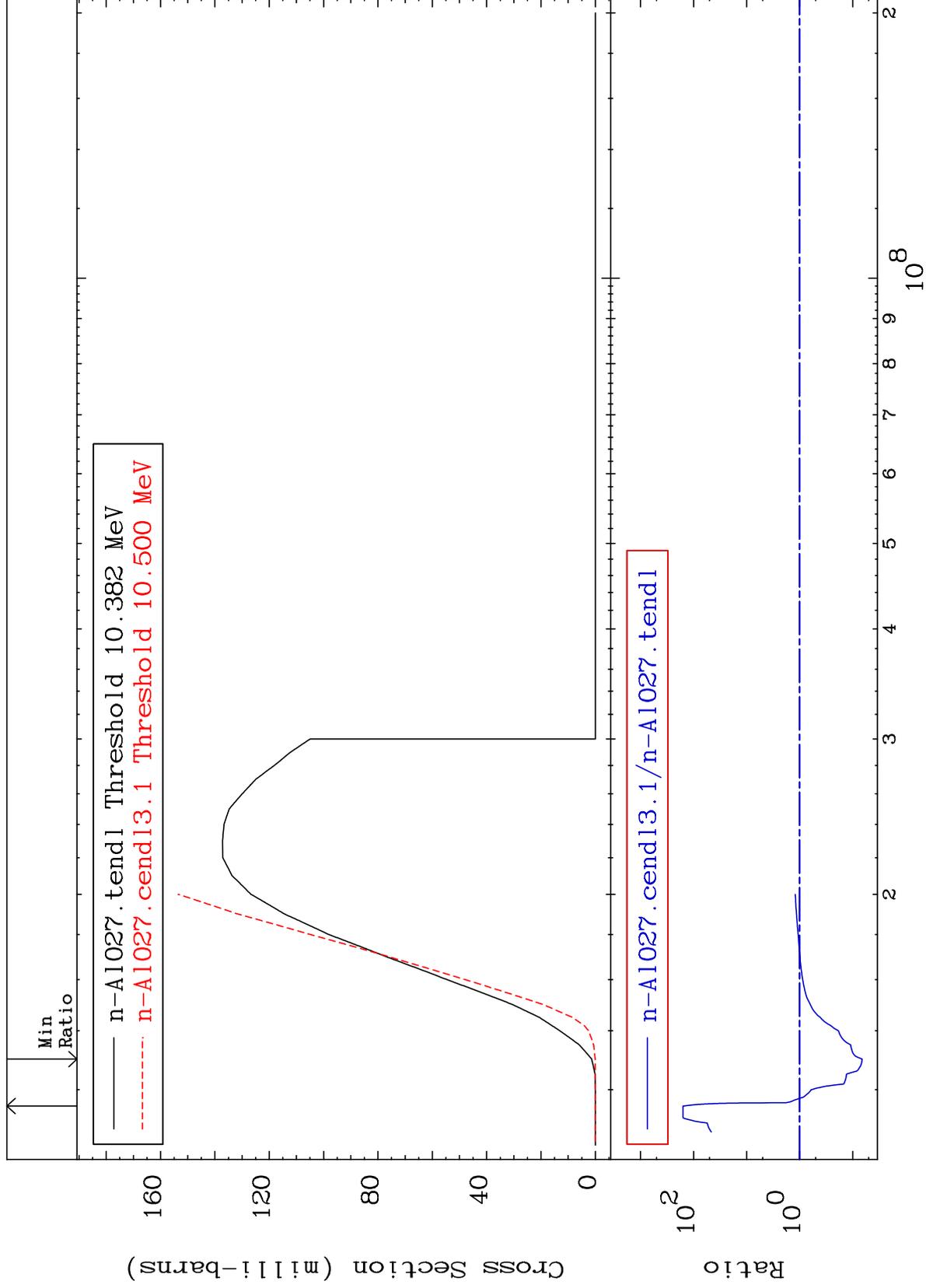
13-Al-27
-5.930 To 106.6 %



MAT 1325

(n,n') α
Cross Section

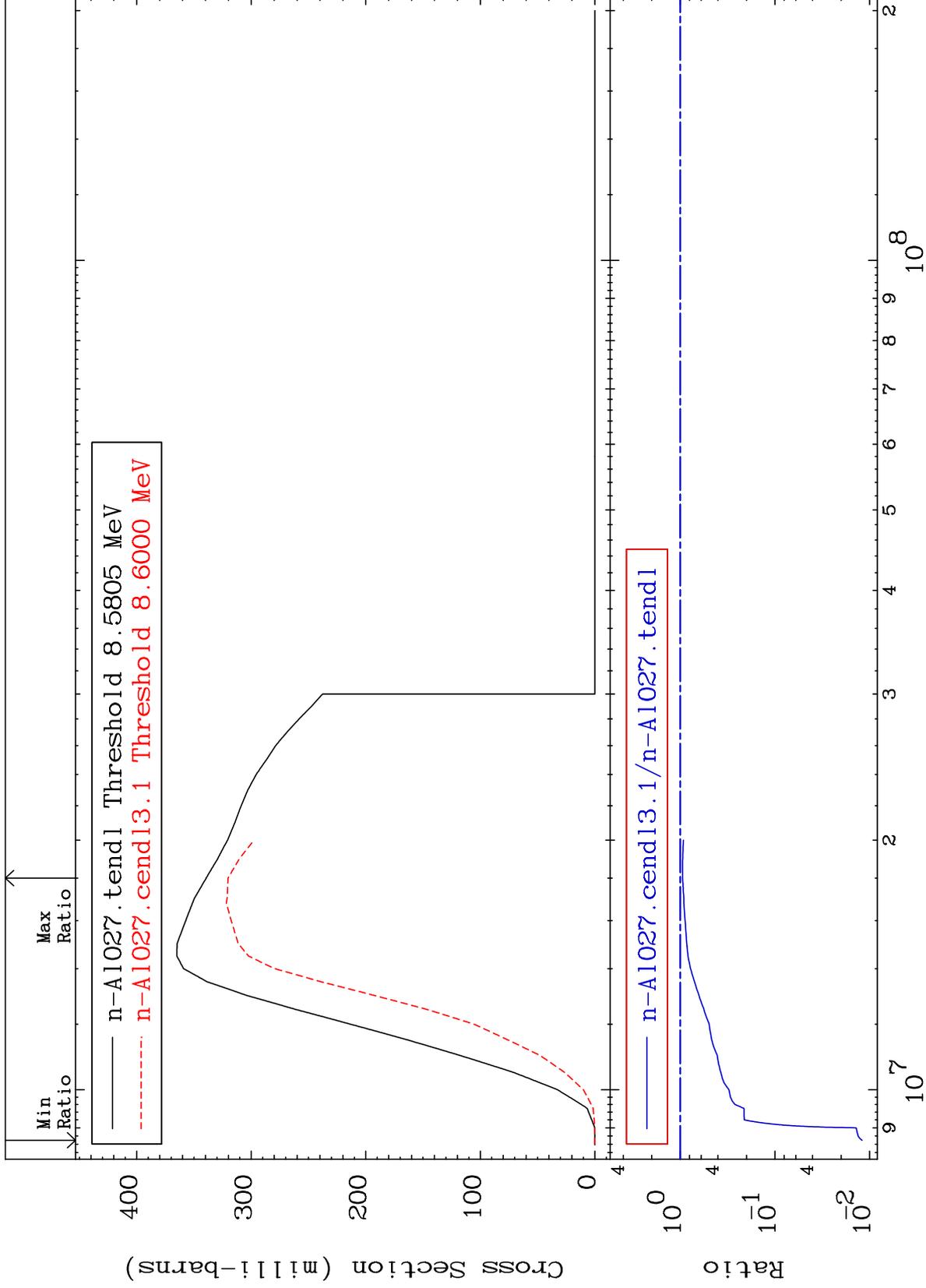
13-Al-27
-93.35 To 9999. %



MAT 1325

(n,n') p
Cross Section

13-Al-27
-98.80 To -5.631%



6

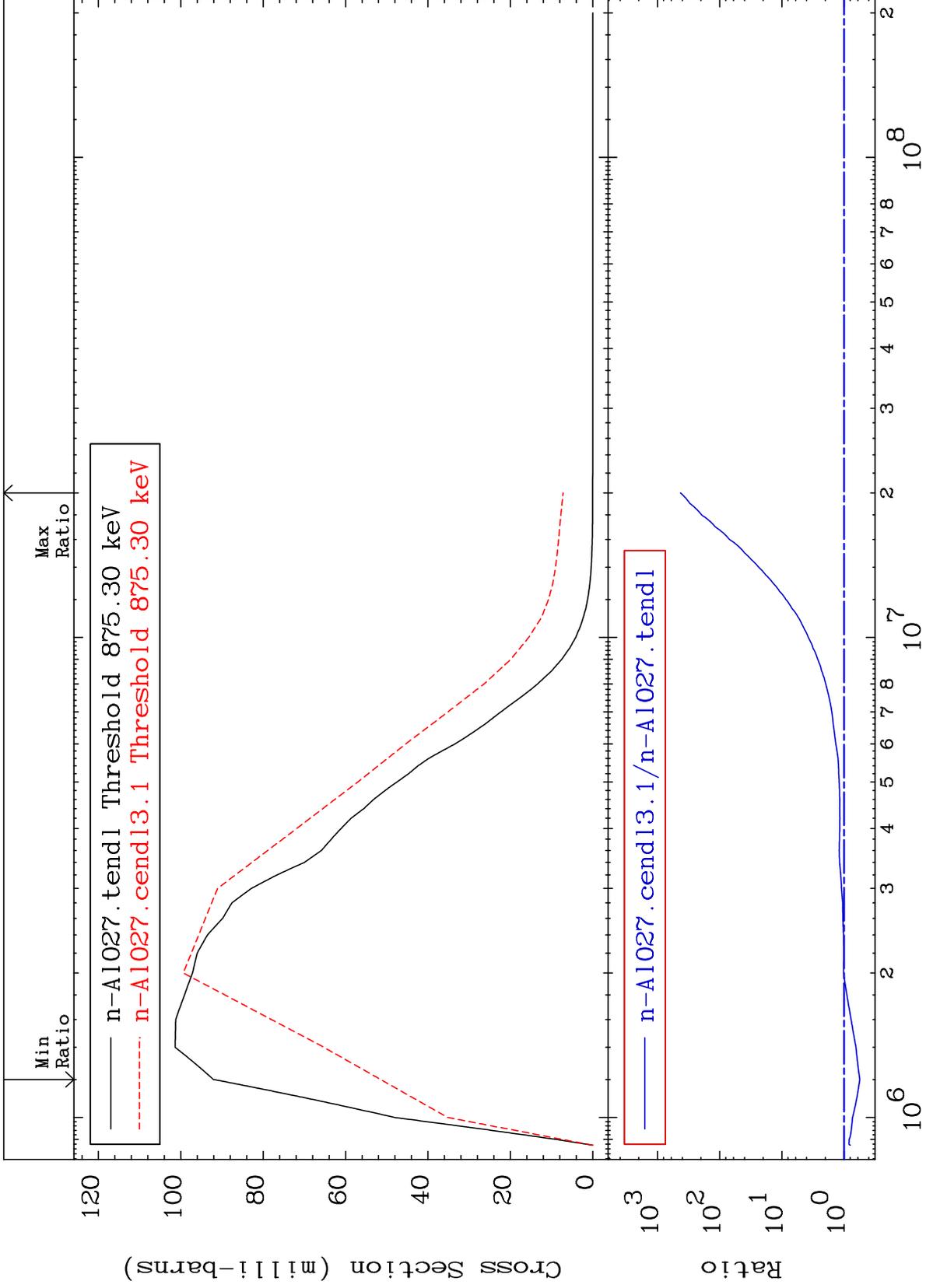
Incident Energy (eV)

13-Al-27

MAT 1325

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

13-Al-27
-44.08 To 9999. %



7

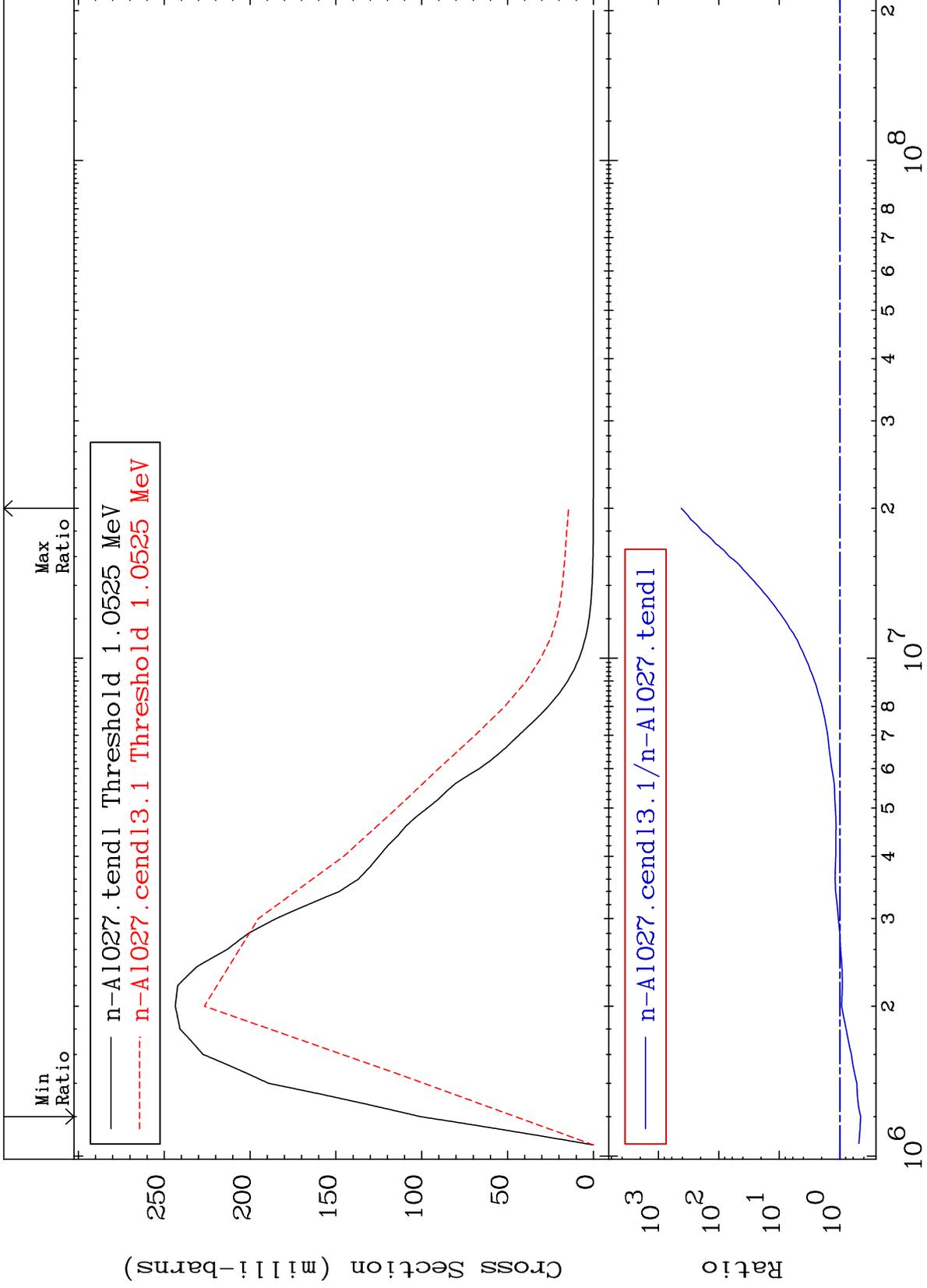
Incident Energy (eV)

13-Al-27

MAT 1325

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

13-Al-27
-54.96 To 9999. %

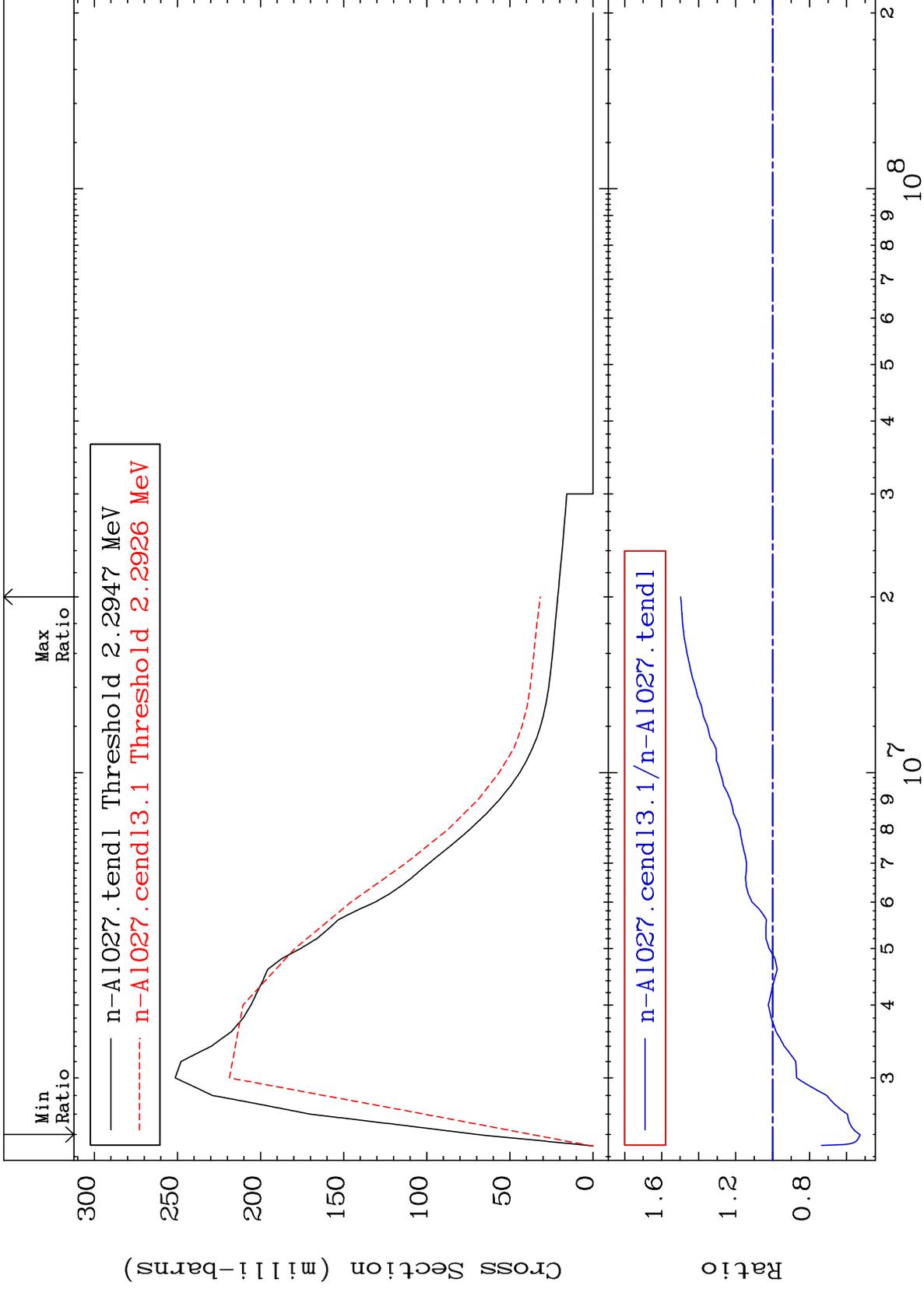


13-Al-27

MAT 1325

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

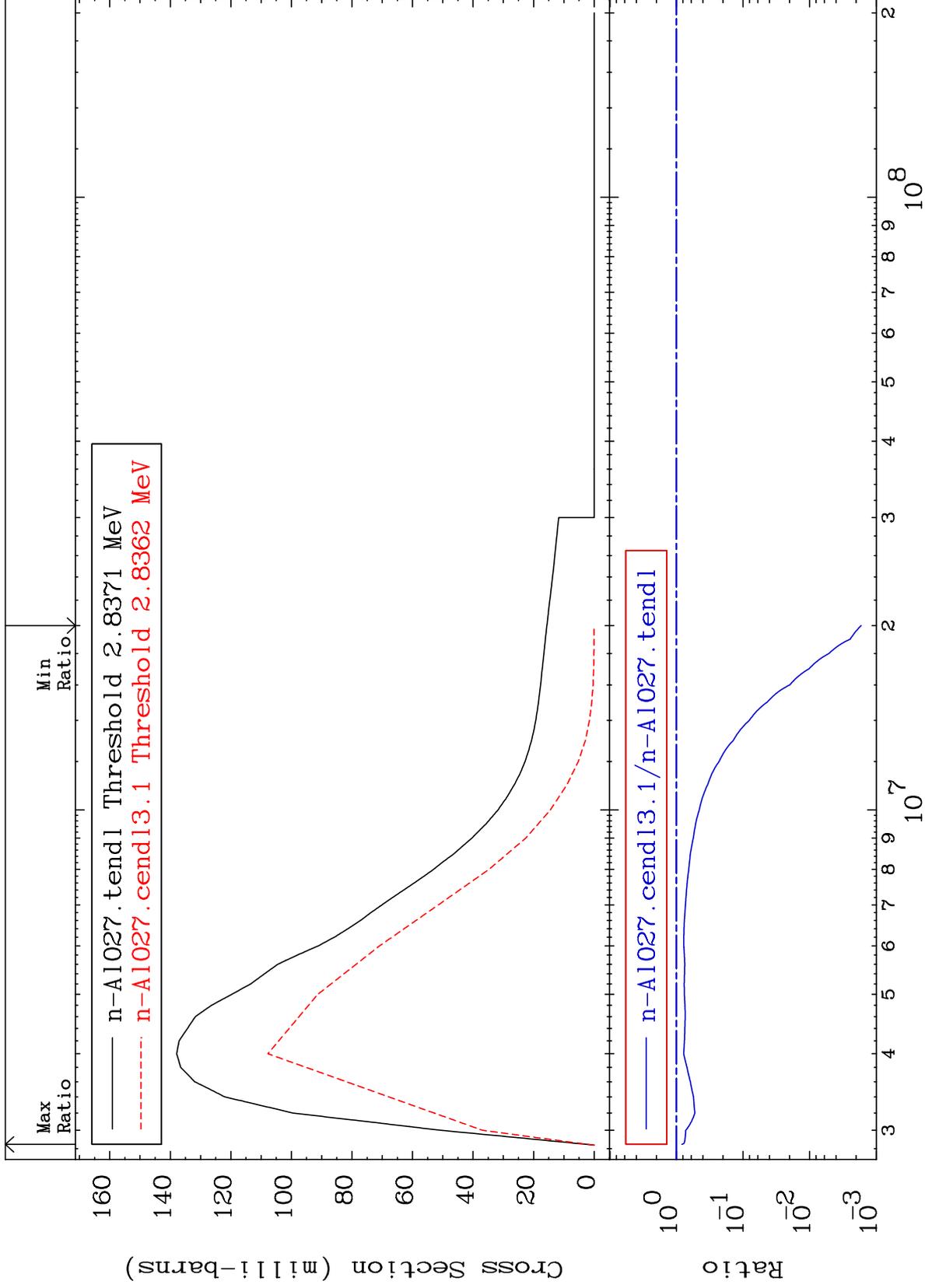
13-Al-27
-47.32 To 49.69 %



MAT 1325

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

13-Al-27
-99.83 To -17.00%



10

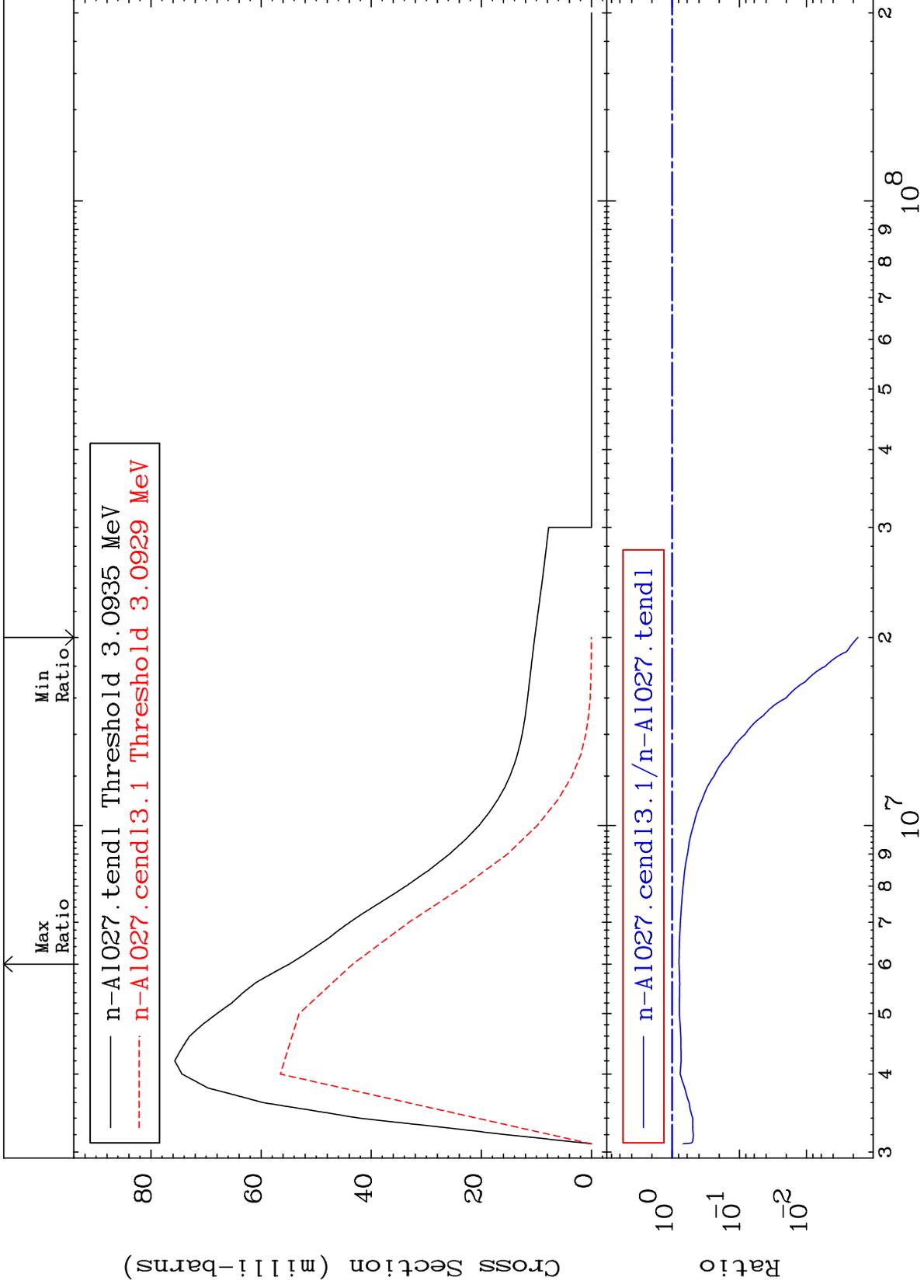
Incident Energy (eV)

13-Al-27

MAT 1325

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

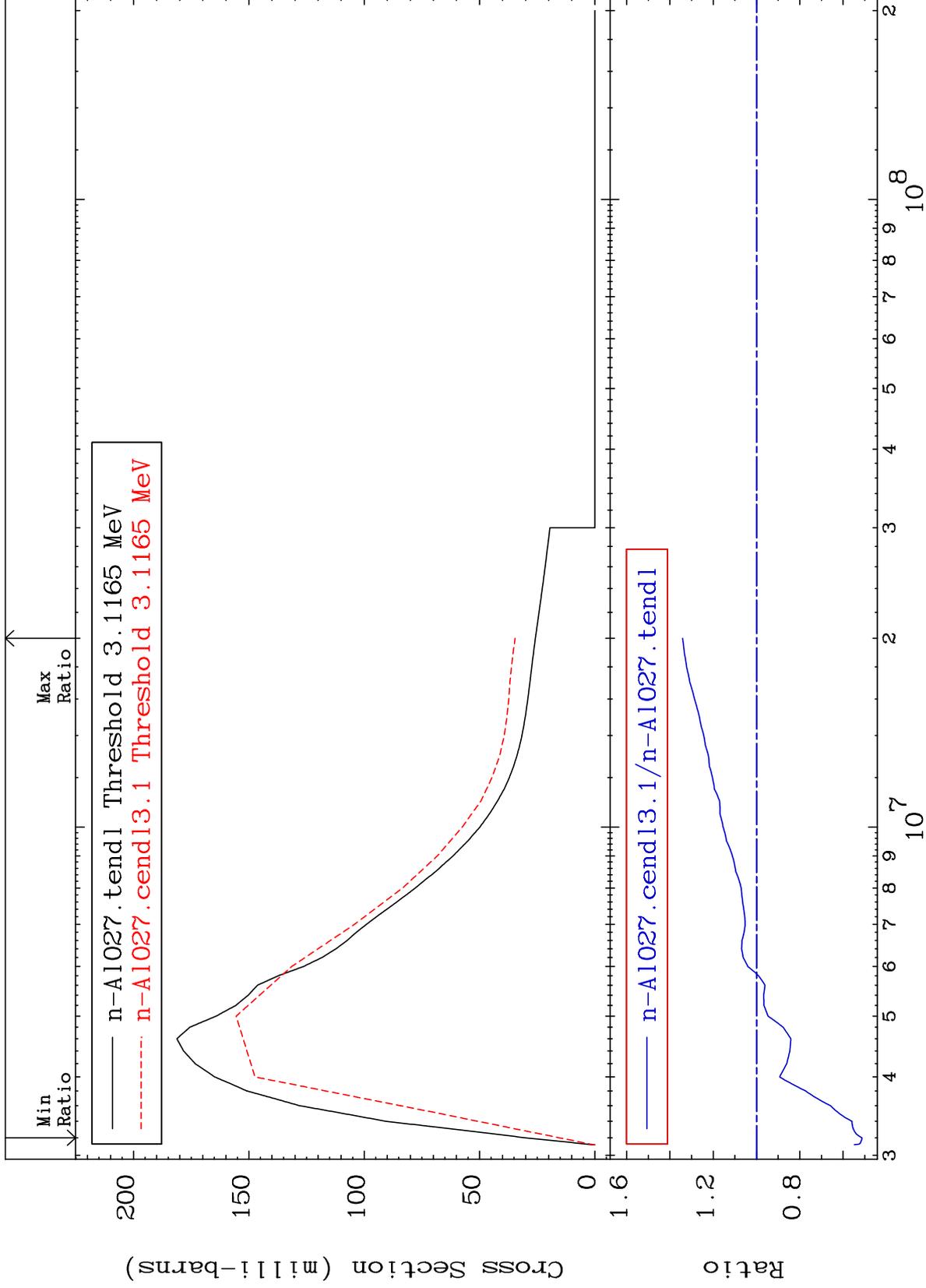
13-Al-27
-99.83 To -20.98%



MAT 1325

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

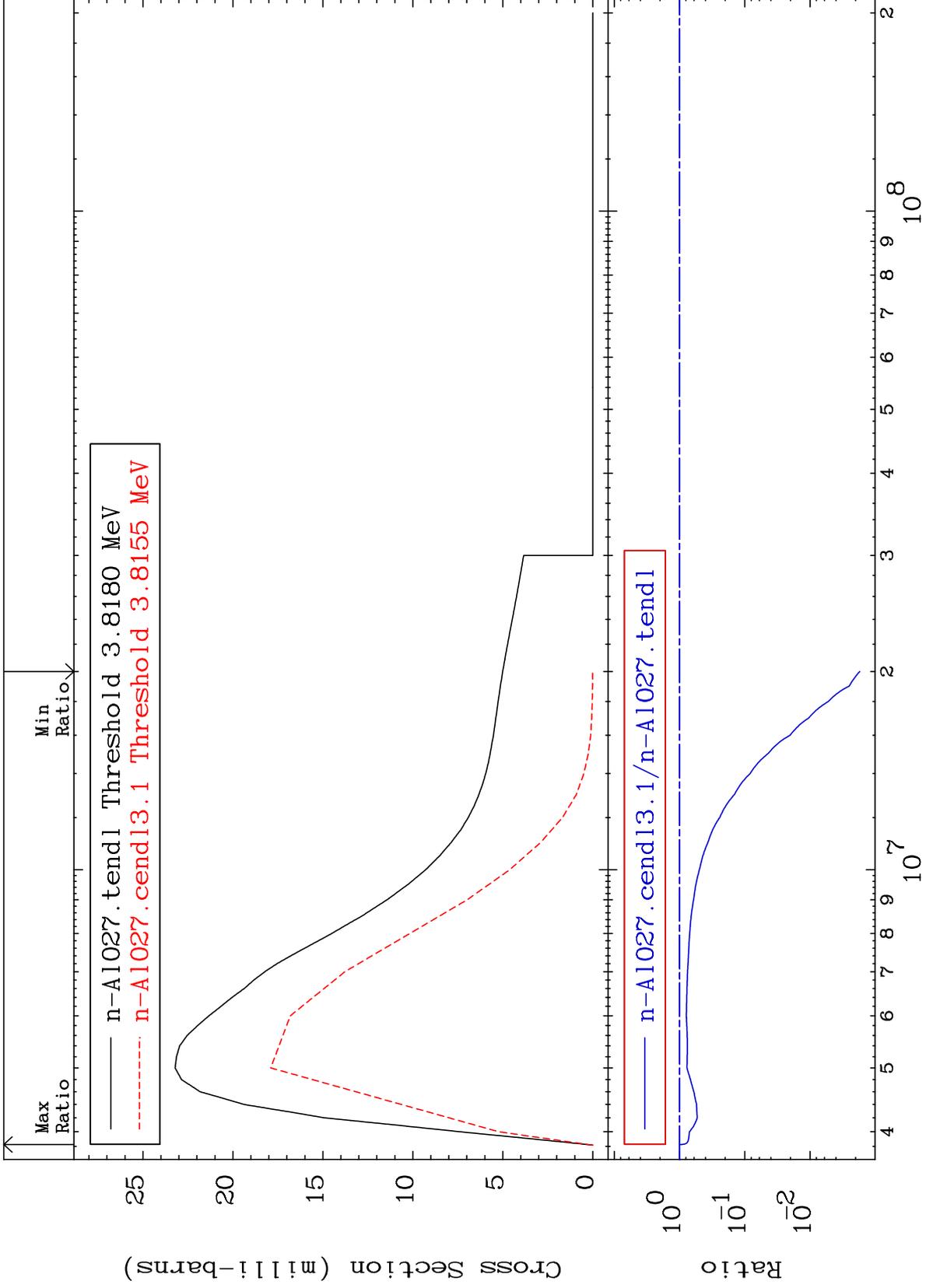
13-Al-27
-48.75 To 34.12 %



MAT 1325

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

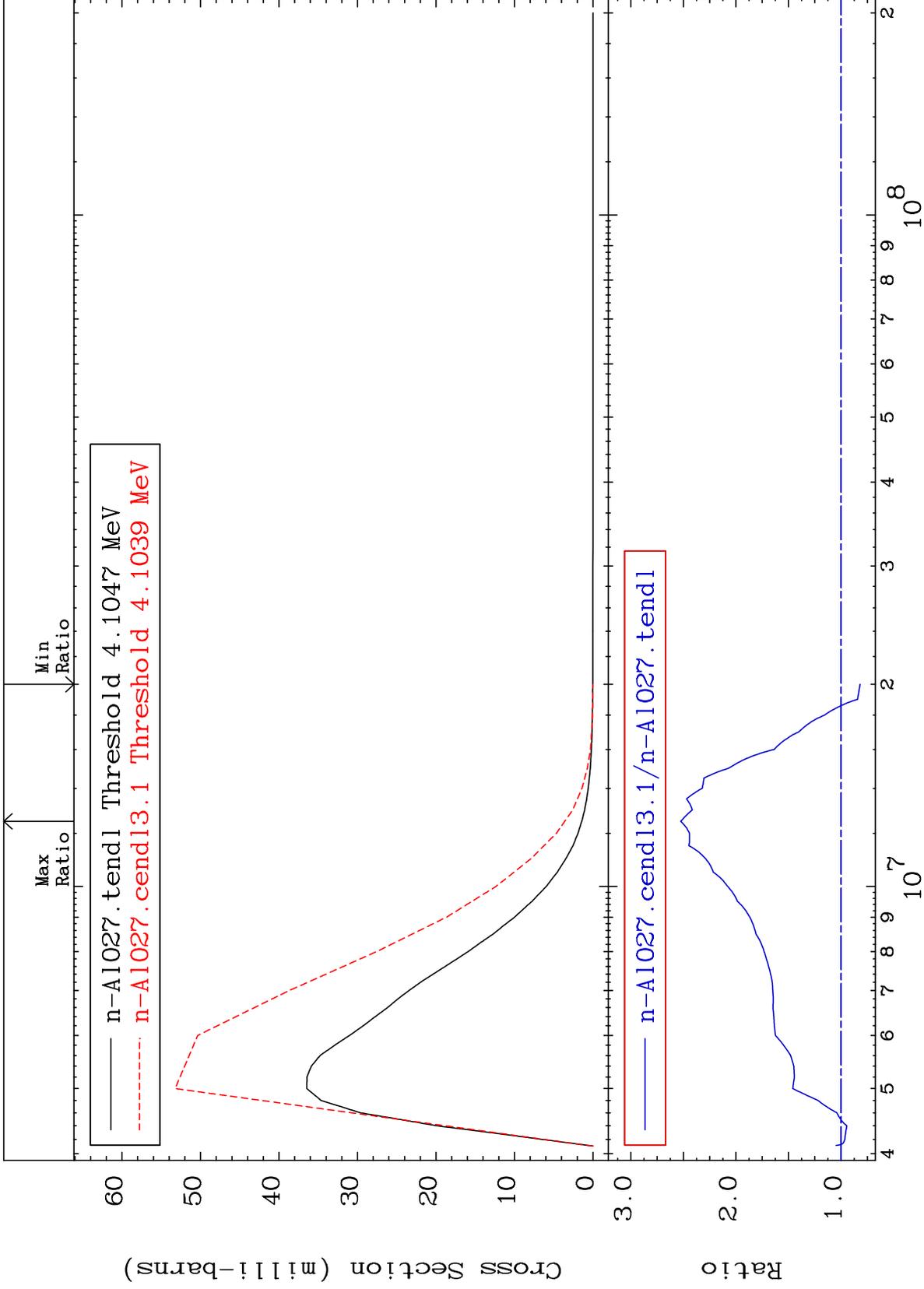
13-Al-27
-99.83 To -3.259%



MAT 1325

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

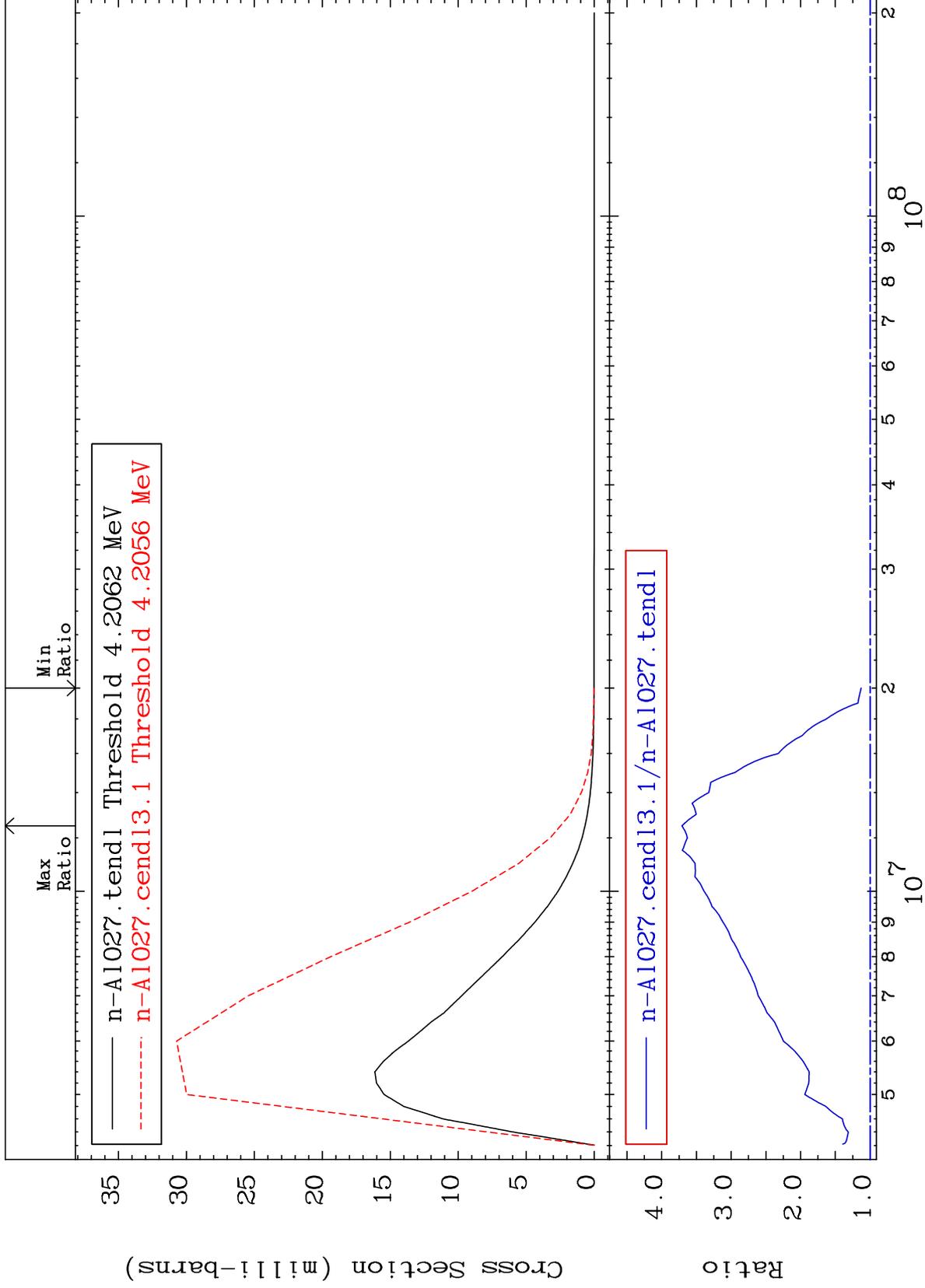
13-Al-27
-18.13 To 152.5 %



MAT 1325

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

13-Al-27
12.88 To 270.9 %



15

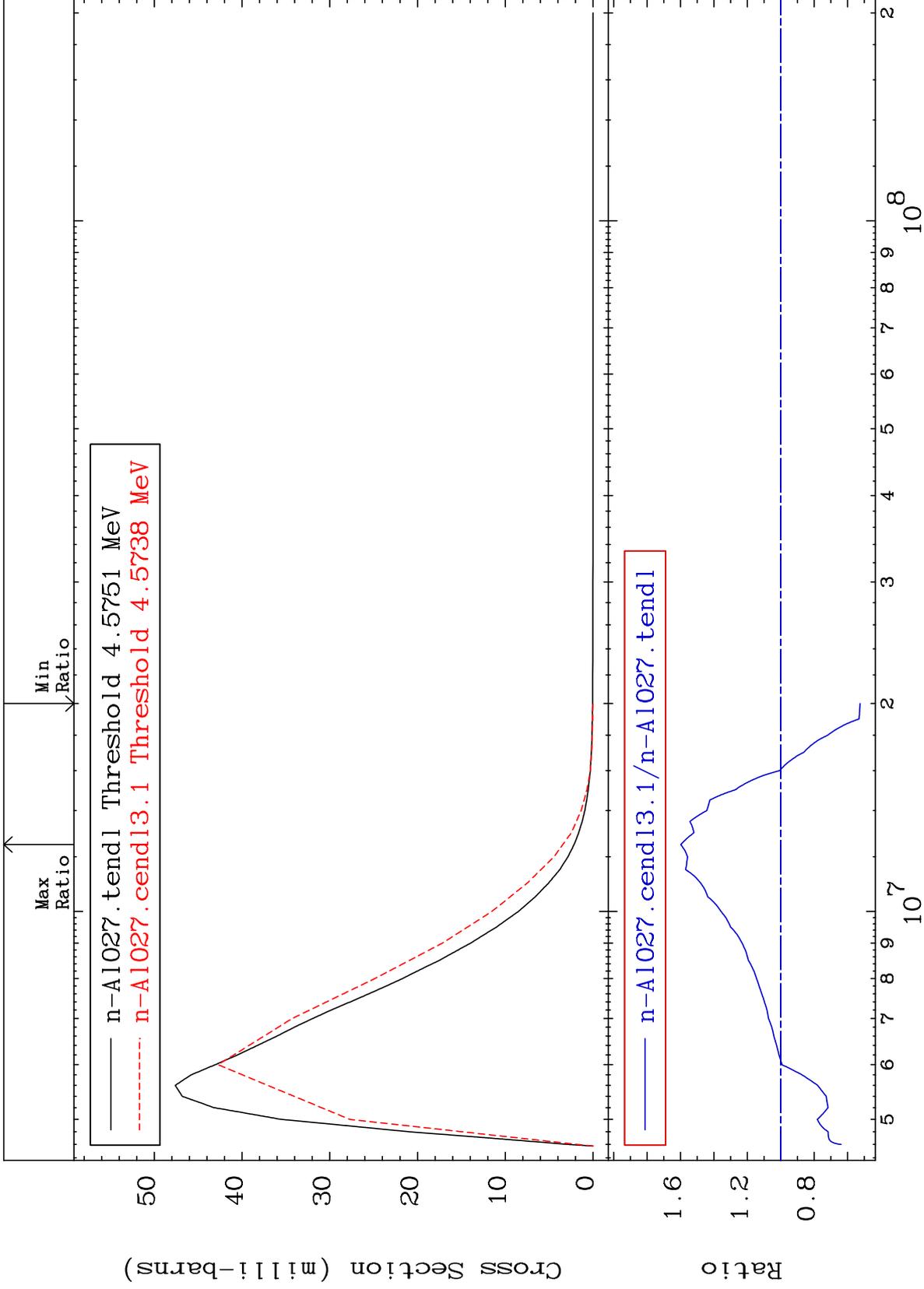
13-Al-27

13-Al-27

MAT 1325

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

13-Al-27
-47.56 To 59.87 %



16

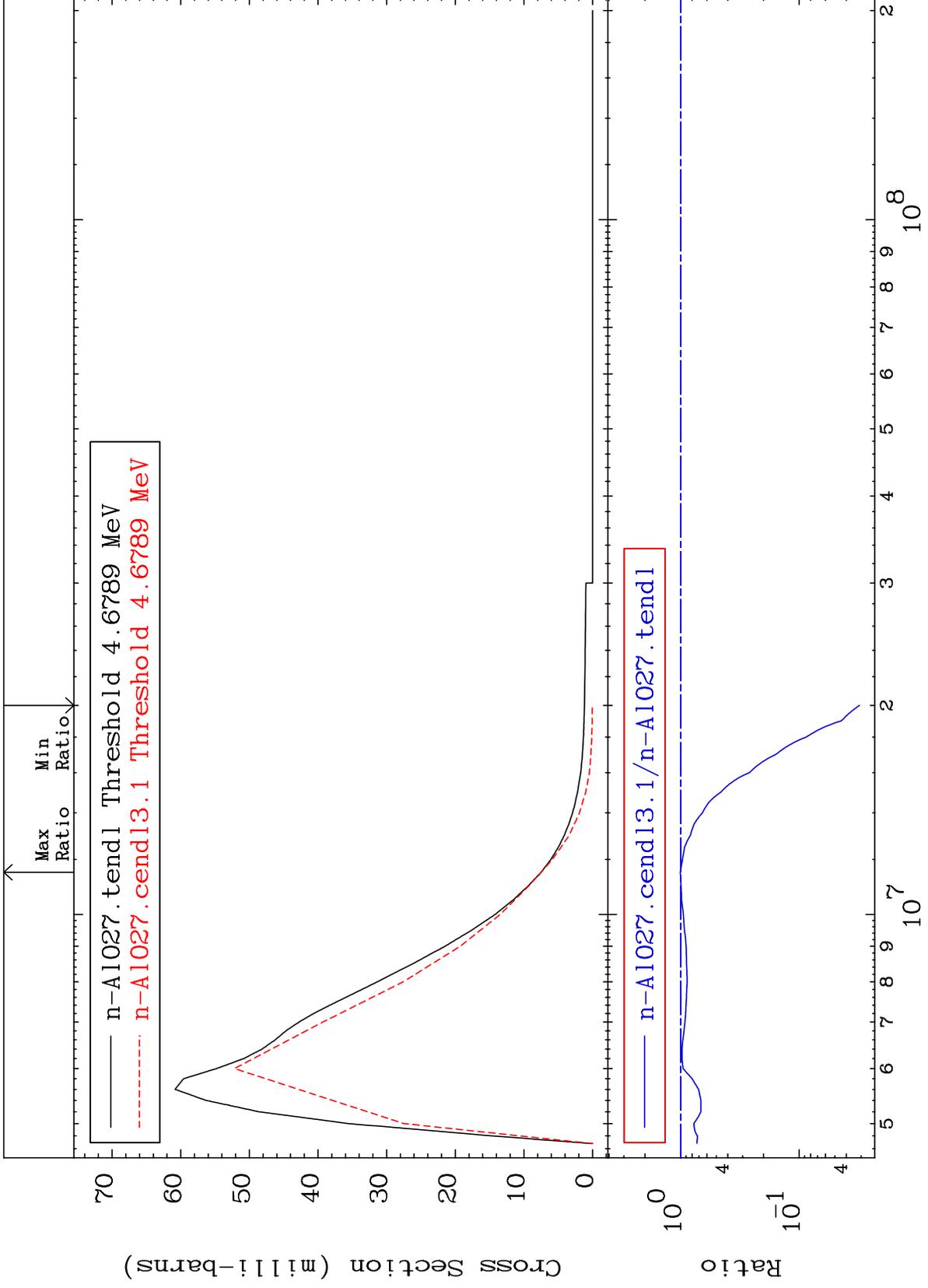
Incident Energy (eV)

13-Al-27

MAT 1325

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

13-Al-27
-96.90 To 0.557 %



17

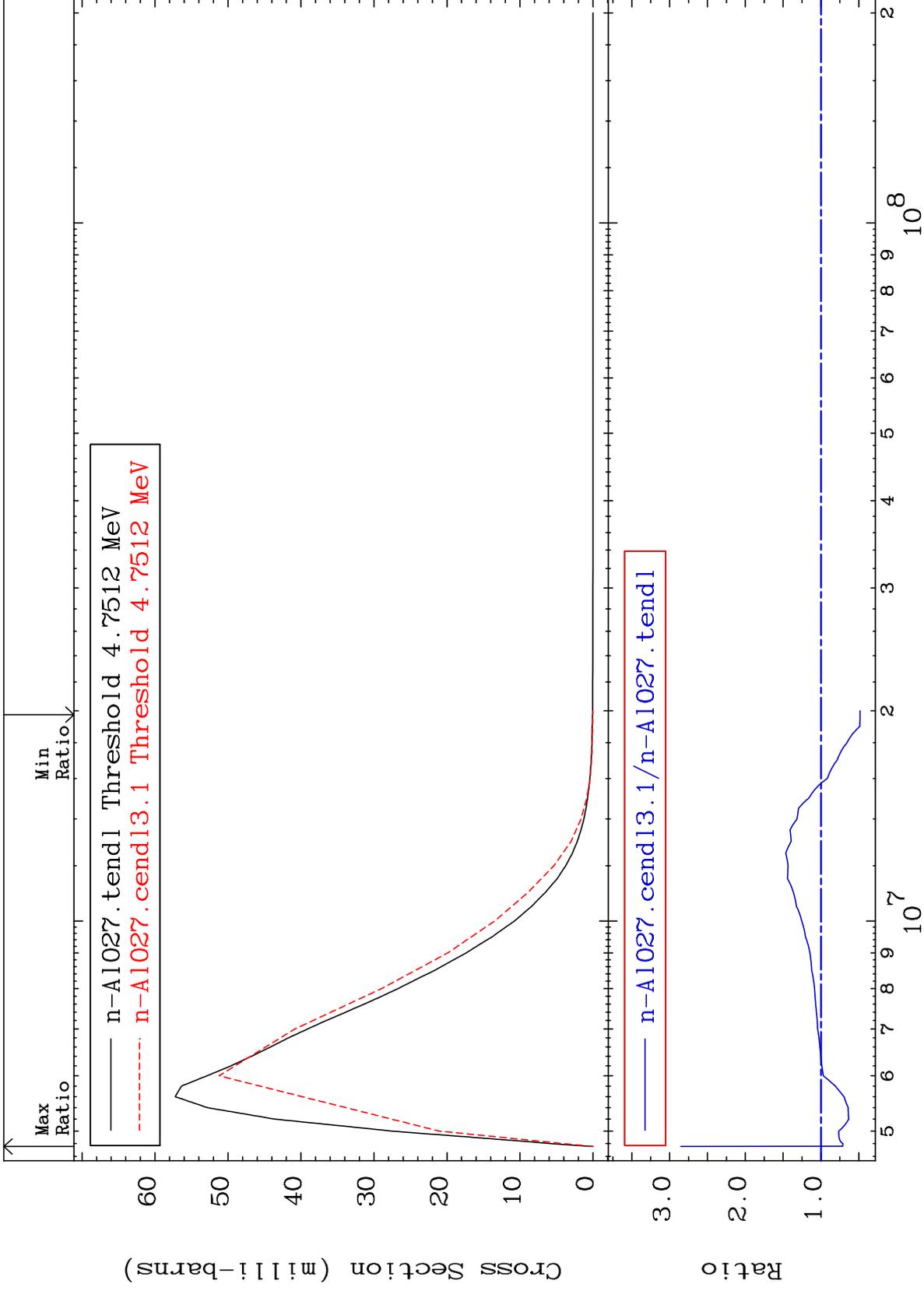
Incident Energy (eV)

13-Al-27

MAT 1325

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

13-Al-27
-51.72 To 185.3 %



18

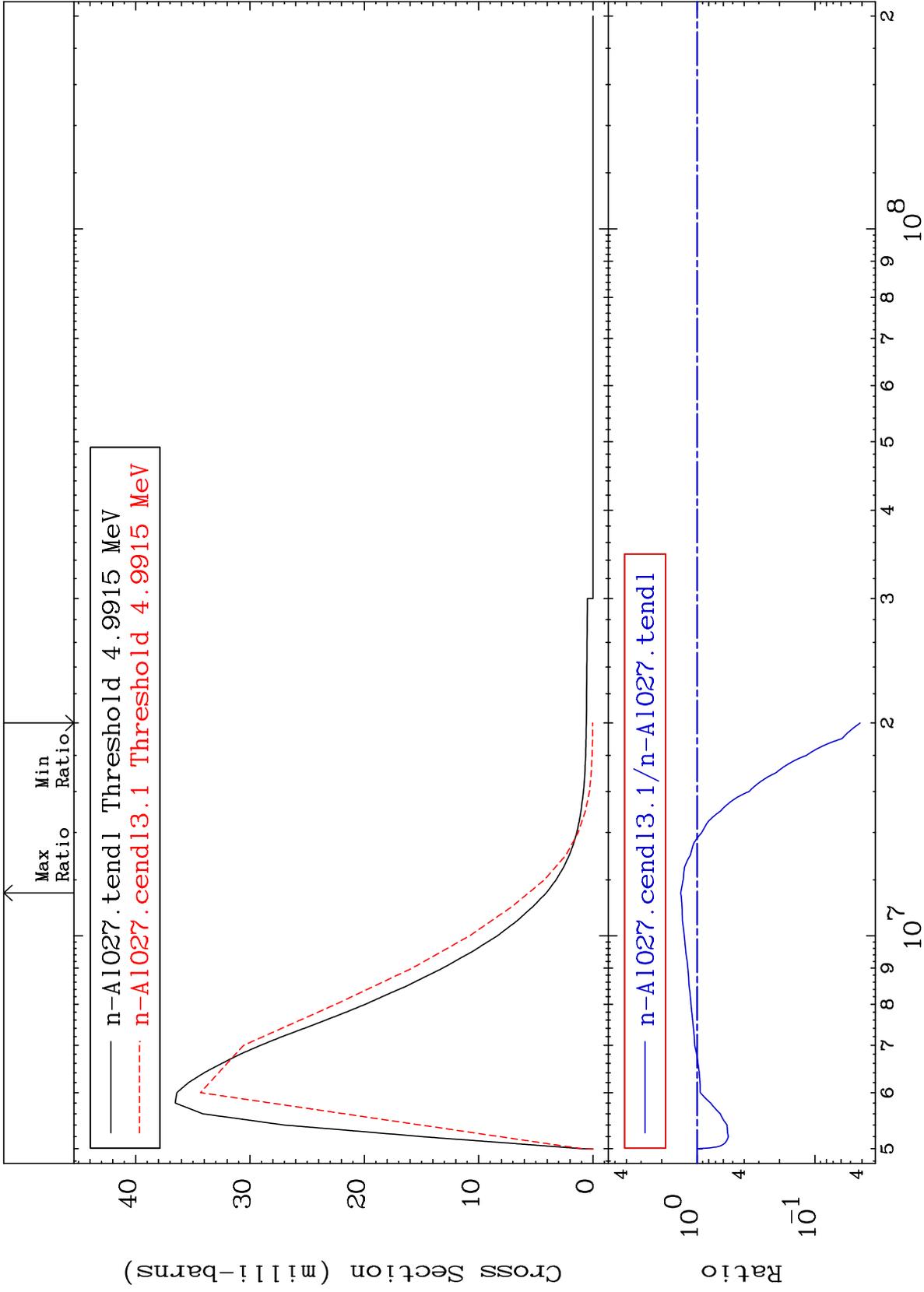
Incident Energy (eV)

13-Al-27

MAT 1325

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

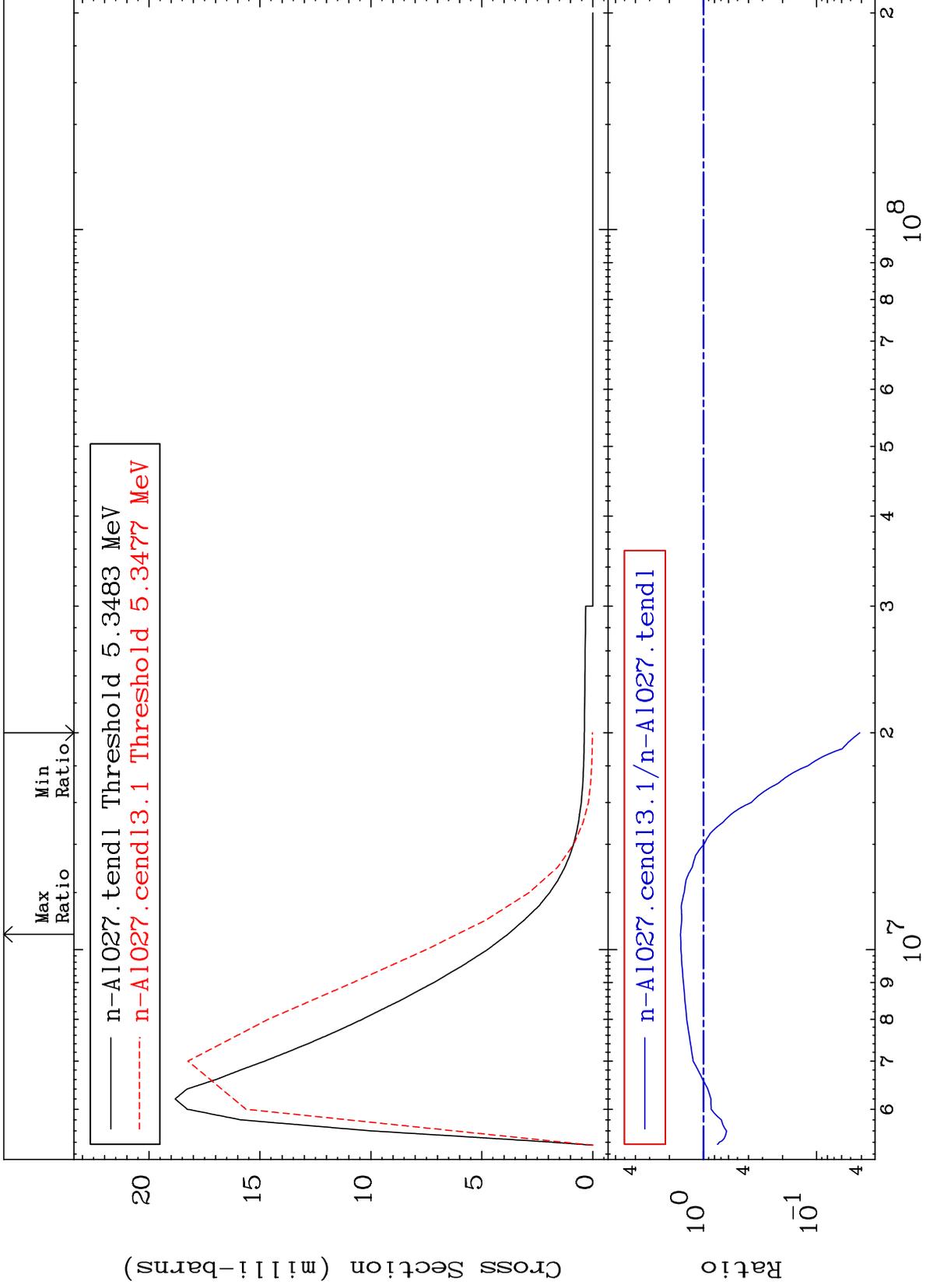
13-Al-27
-95.86 To 38.08 %



MAT 1325

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

13-Al-27
-95.86 To 59.67 %



20

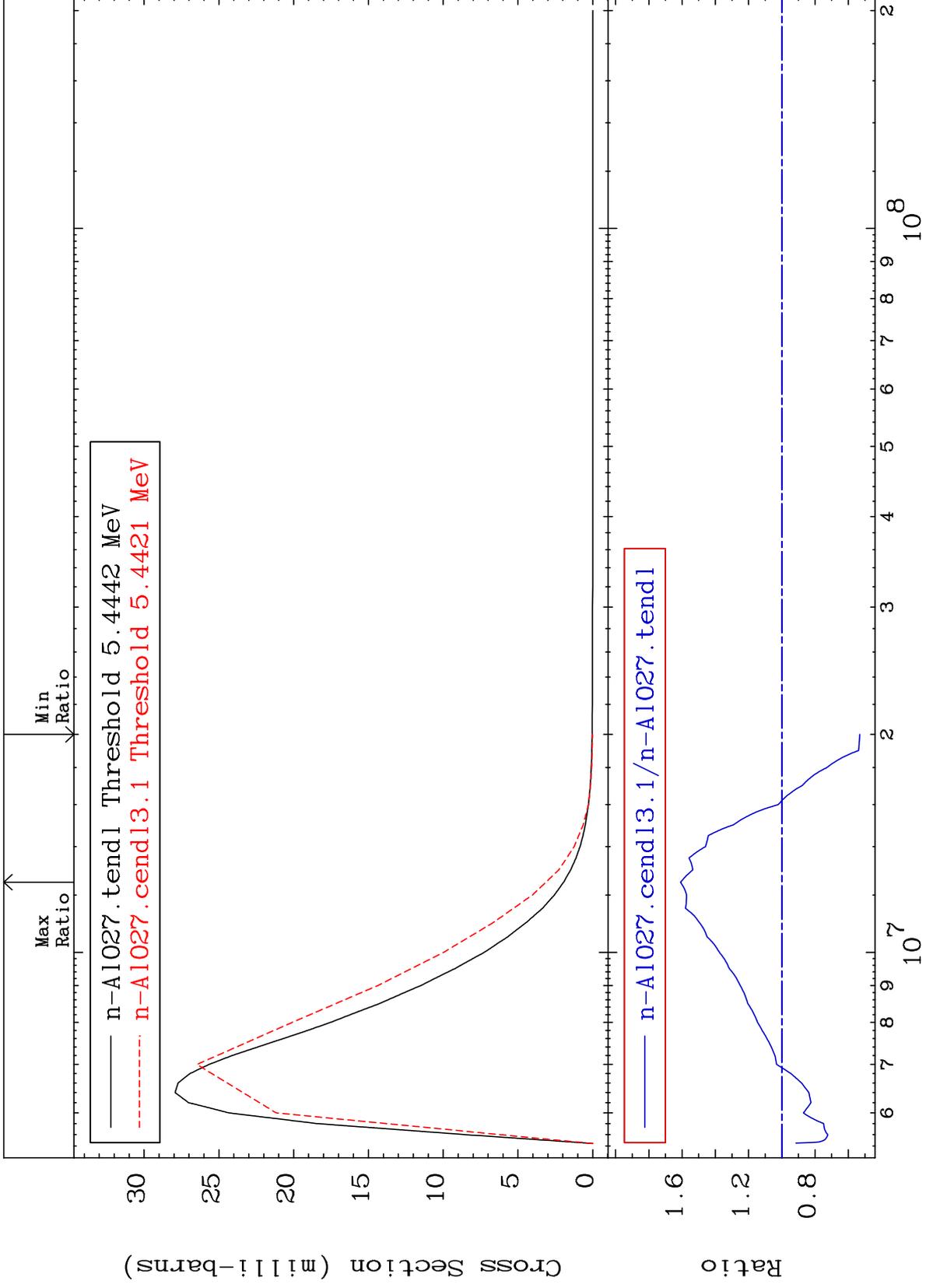
Incident Energy (eV)

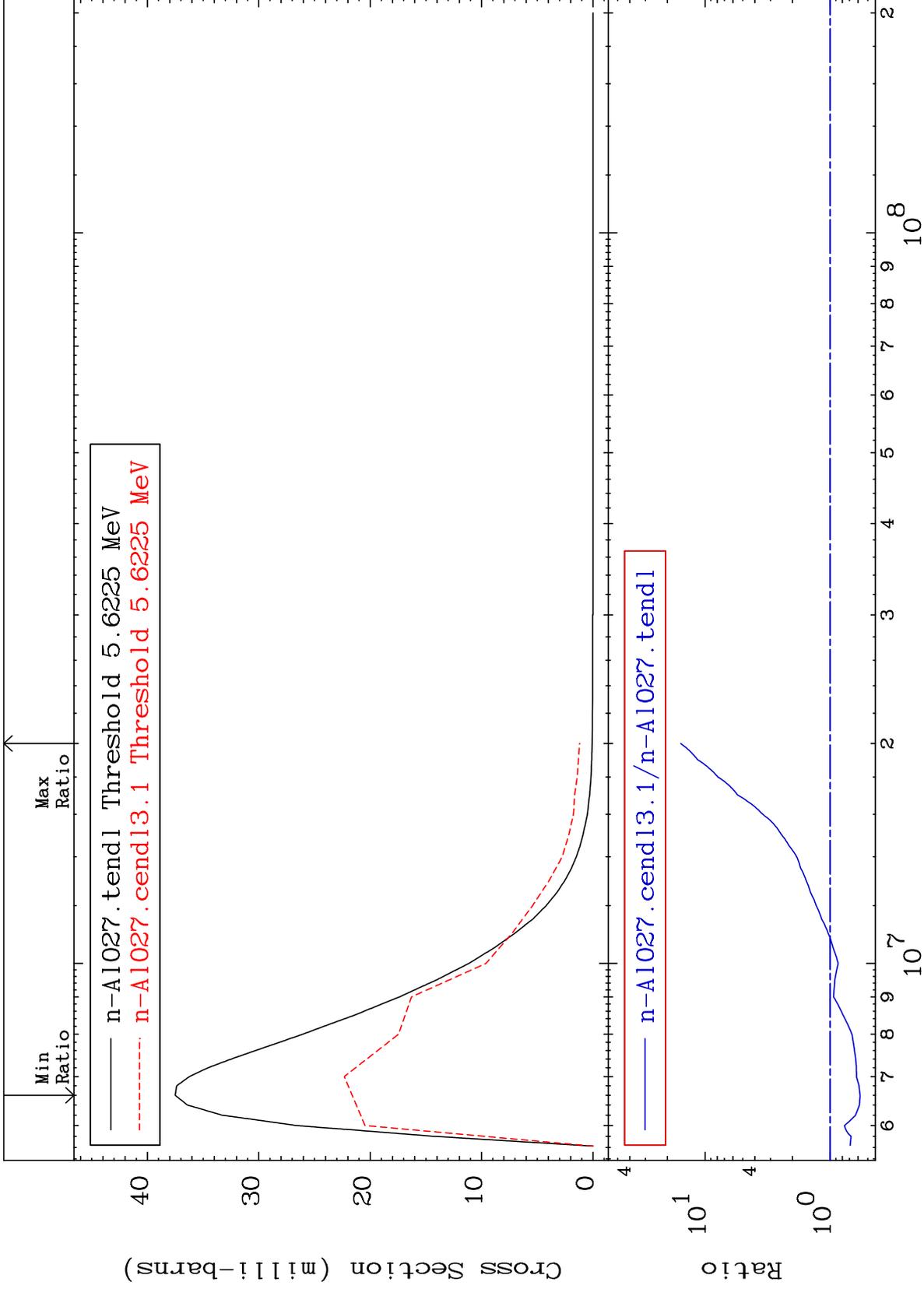
13-Al-27

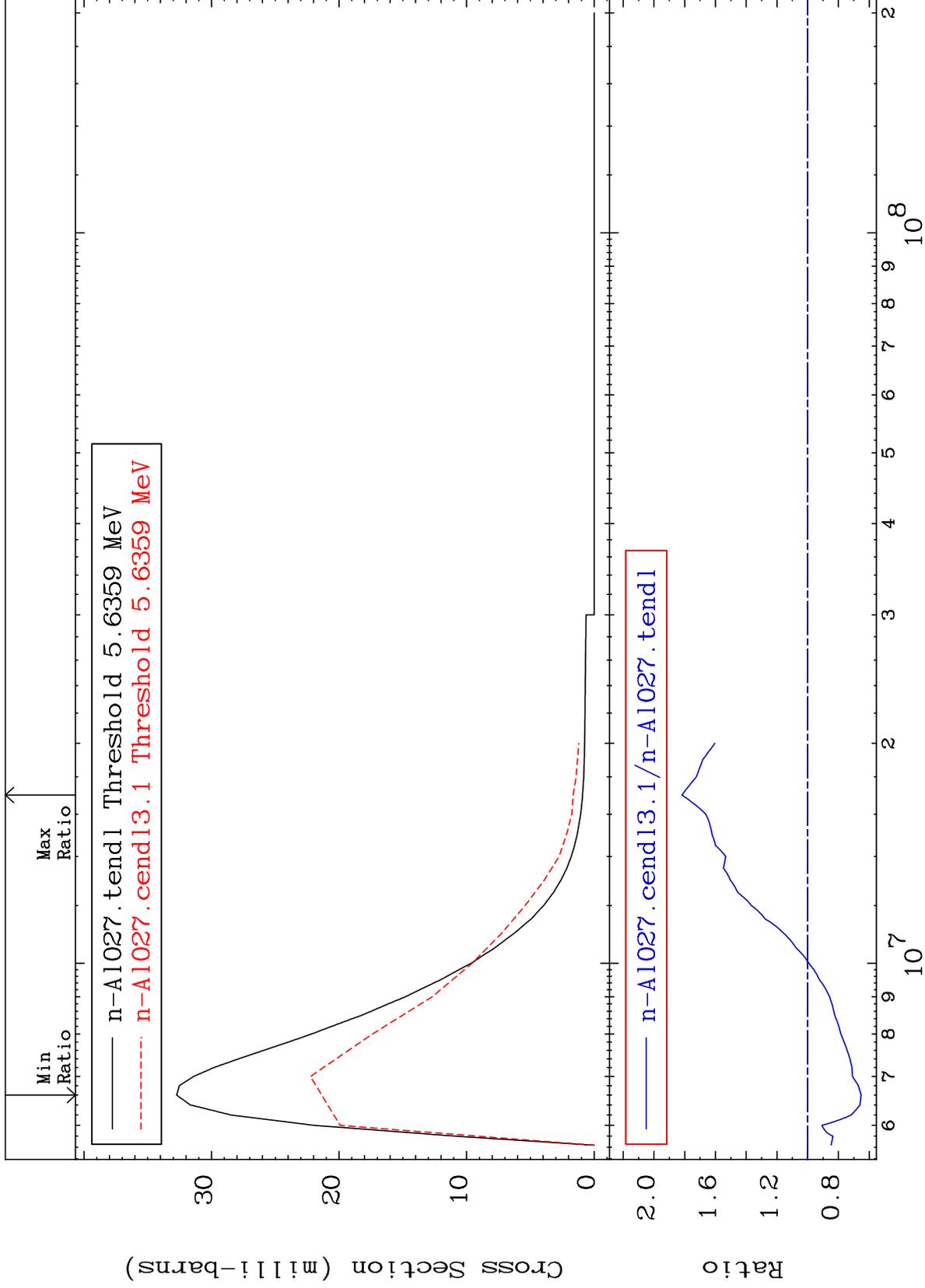
MAT 1325

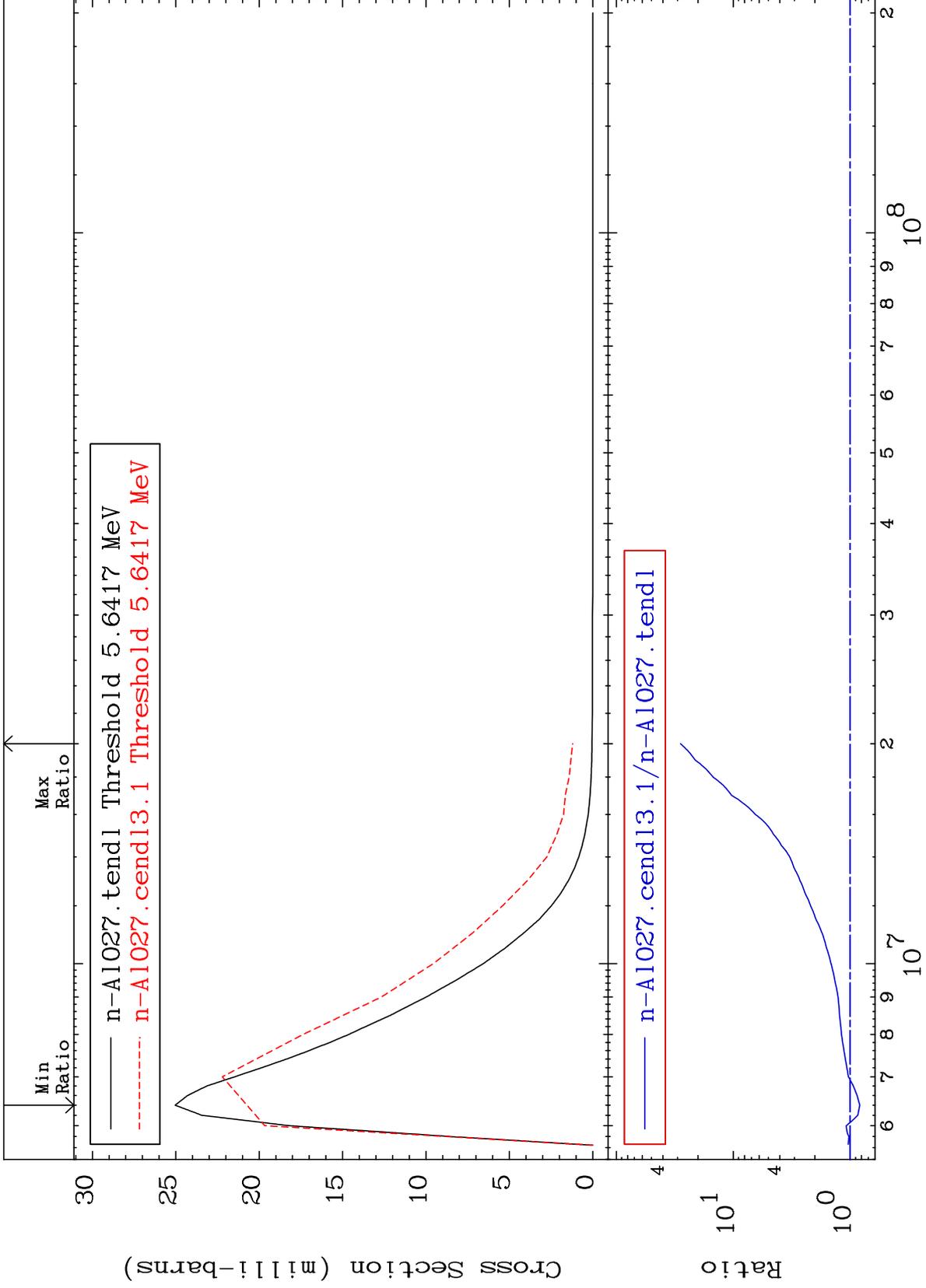
MT= 65 (n,n') Level
Cross Section

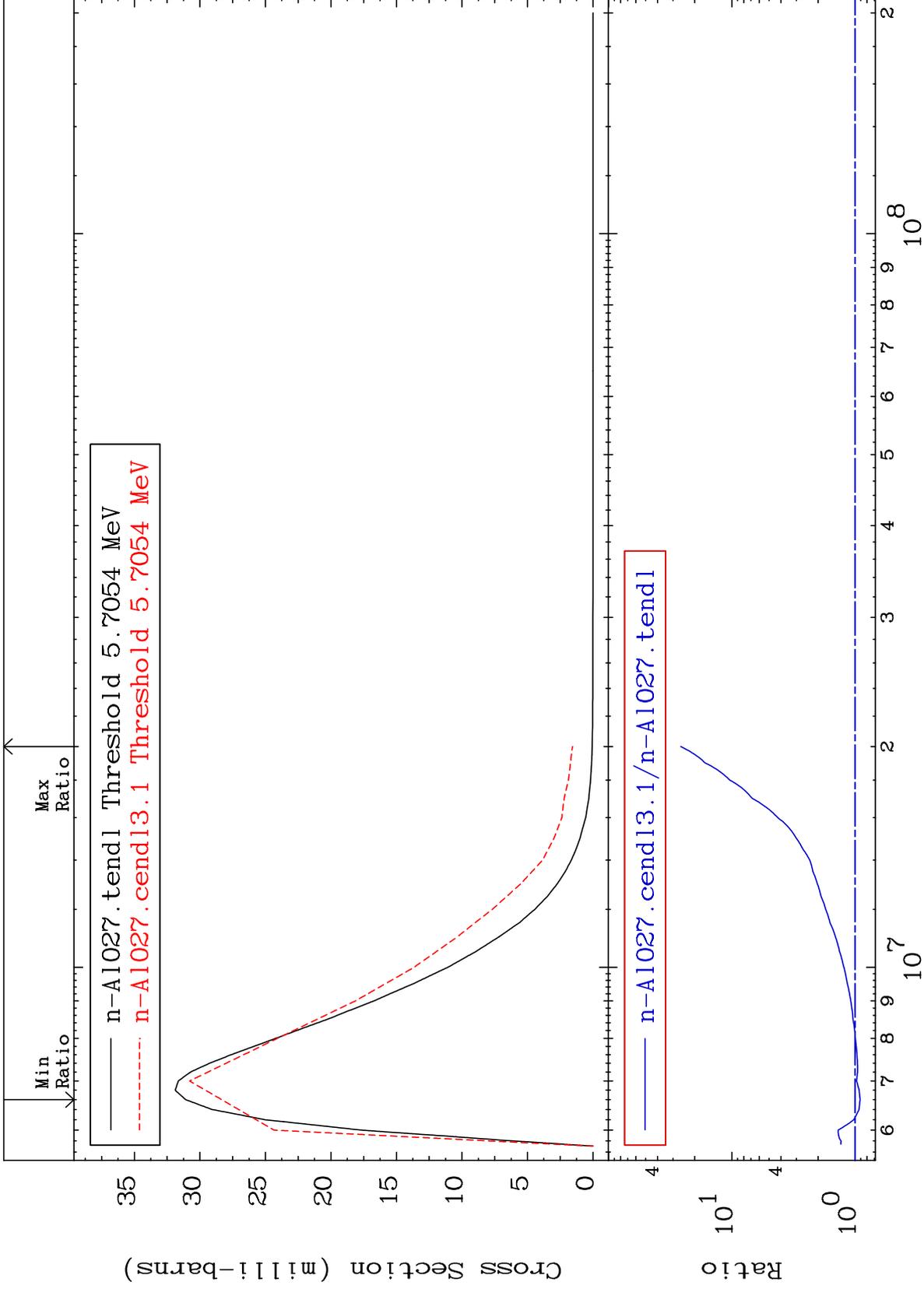
13-Al-27
-46.91 To 60.95 %

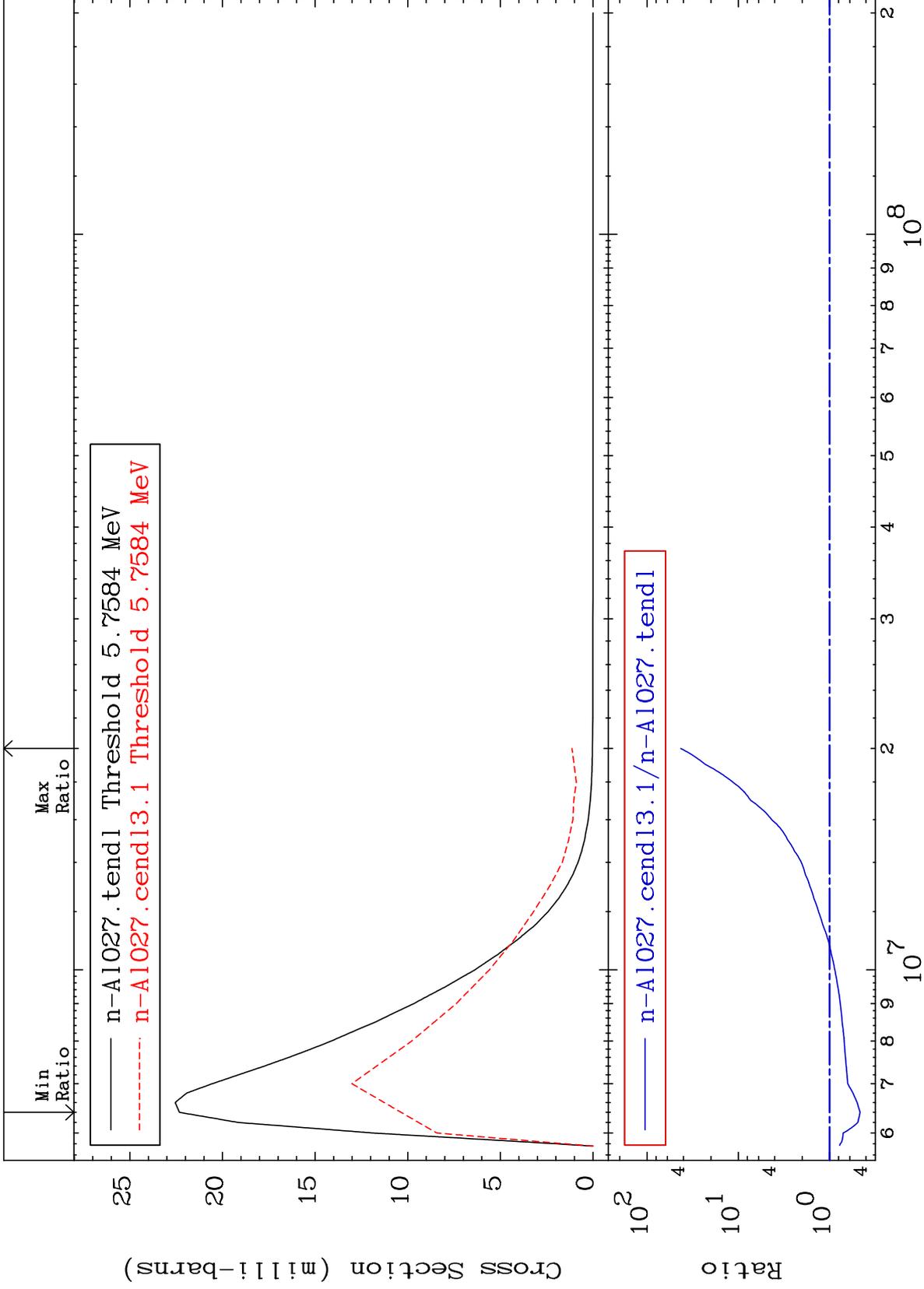








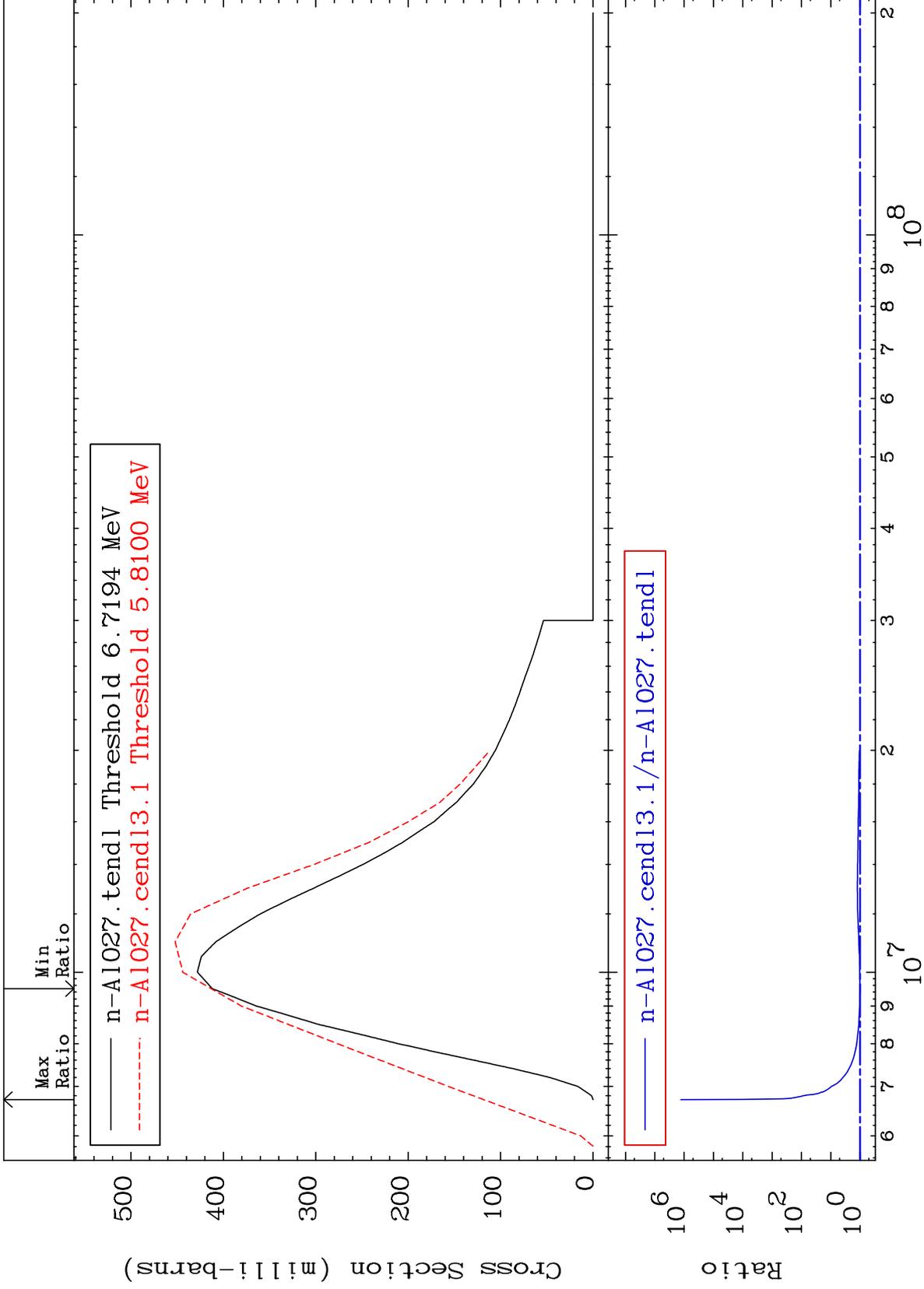




MAT 1325

(n, n') Continuum
Cross Section

13-Al-27
0.269 To 9999. %



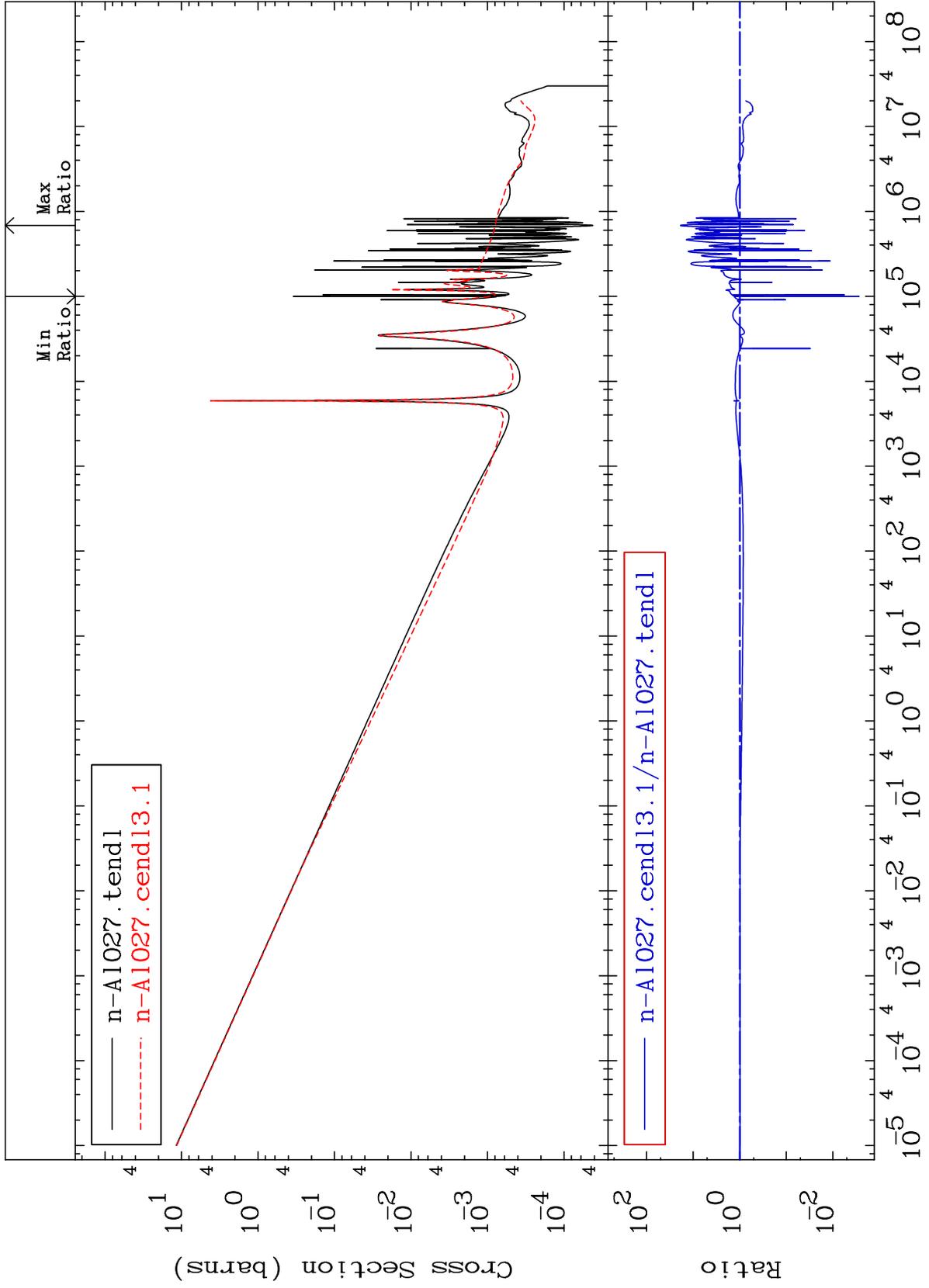
27

Incident Energy (eV)

13-Al-27

Cross Section

-99.73 To 1790. %



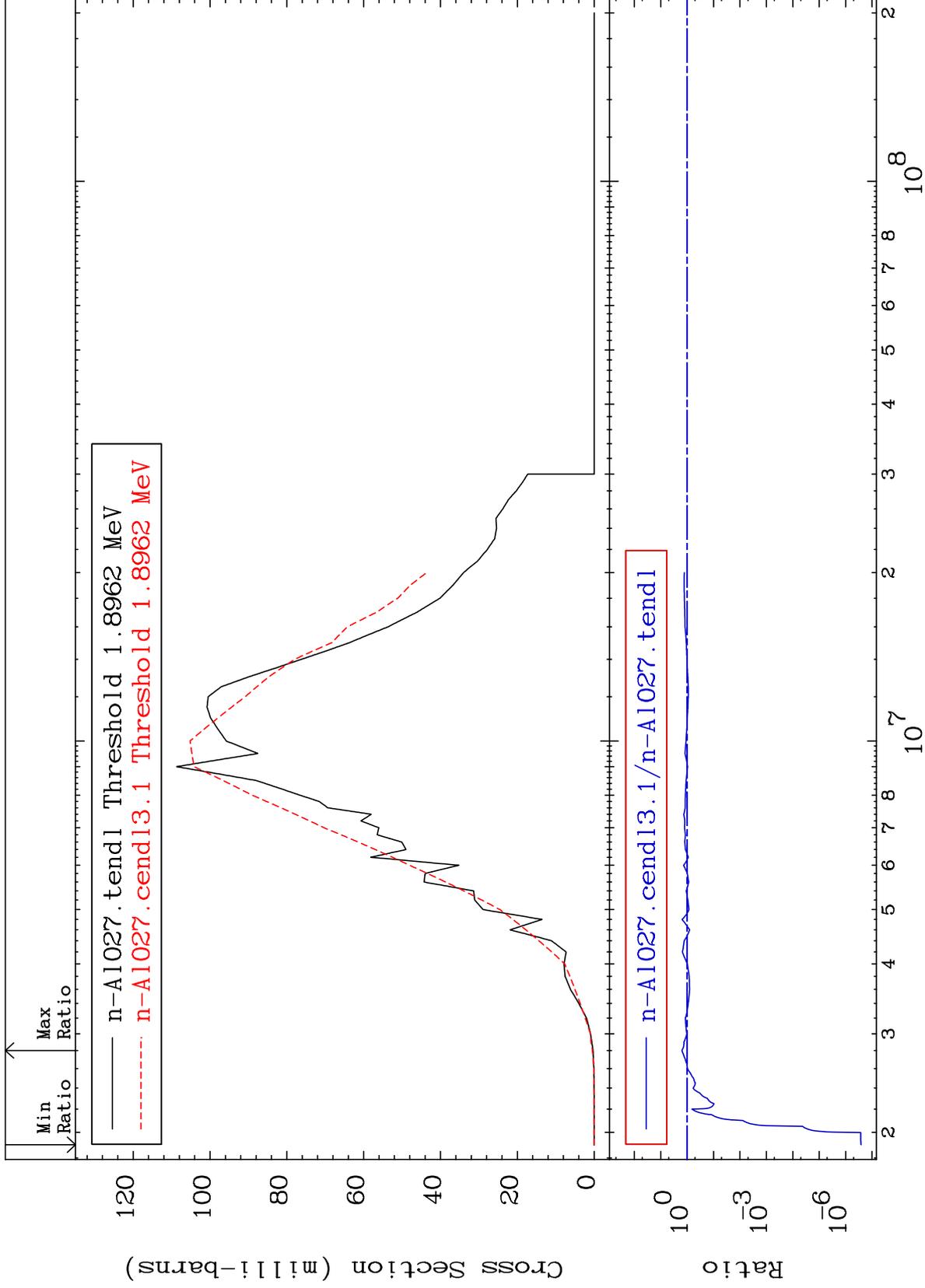
MAT 1325

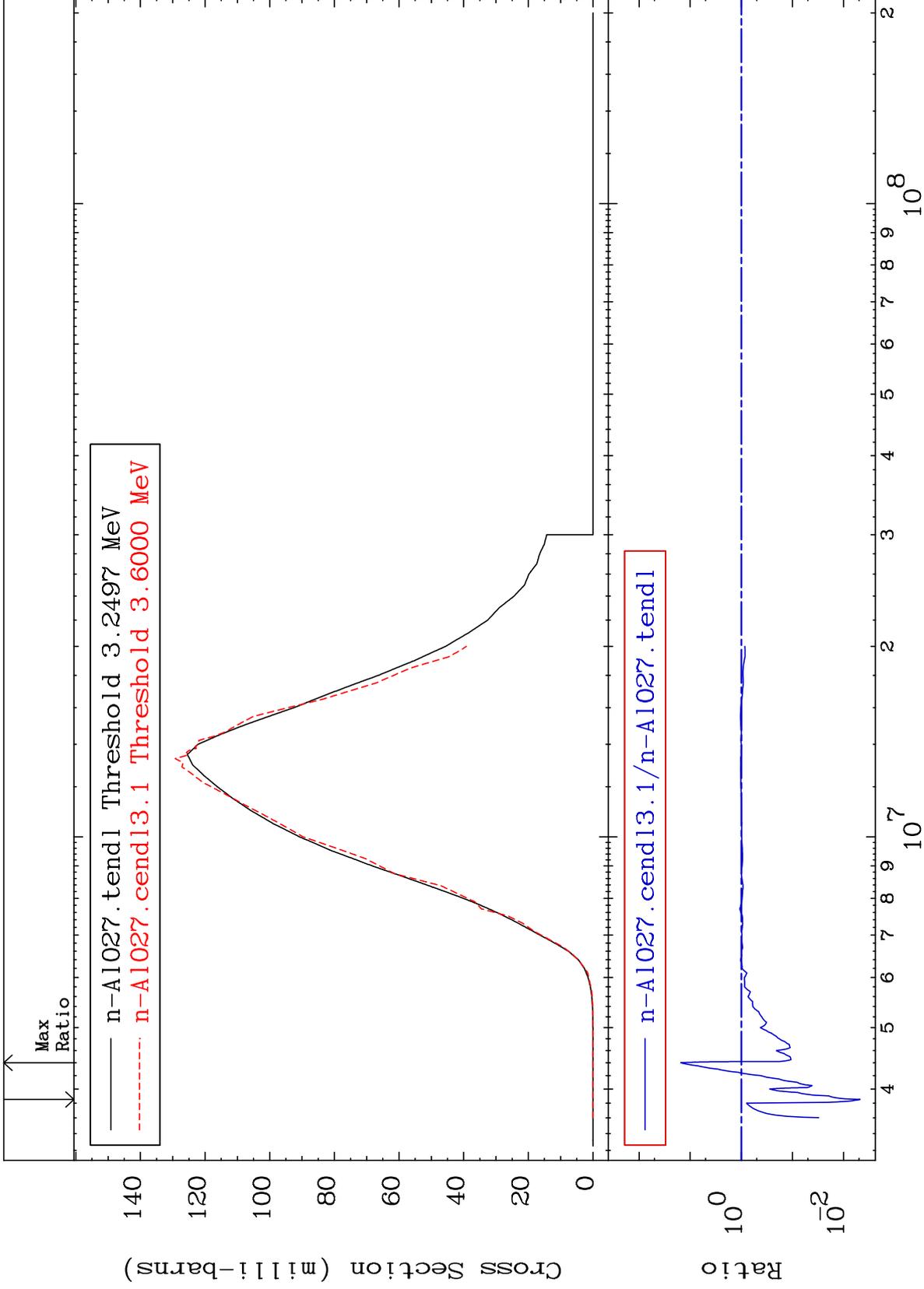
(n,p)

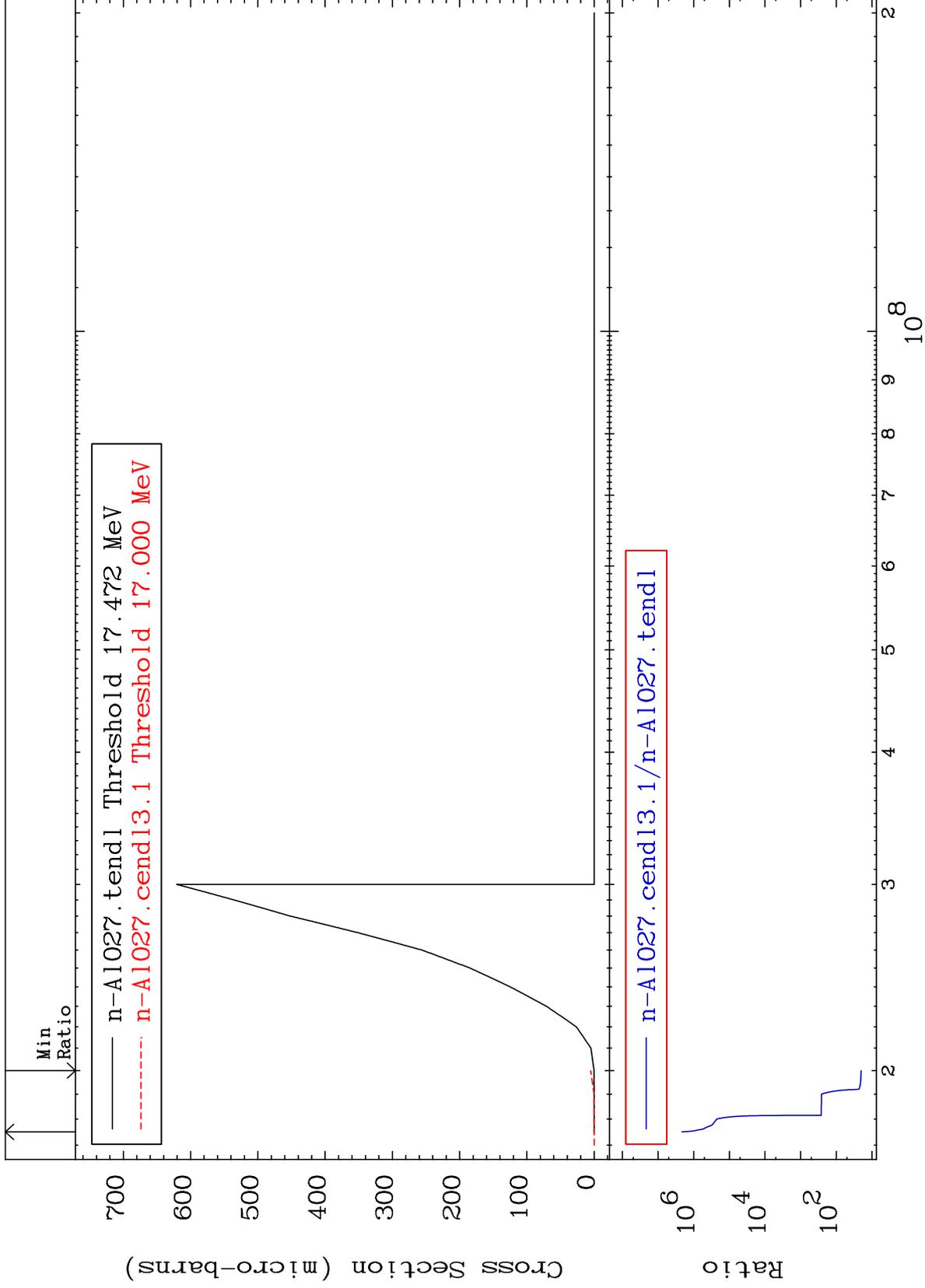
13-Al-27

Cross Section

-100.0 To 57.85 %



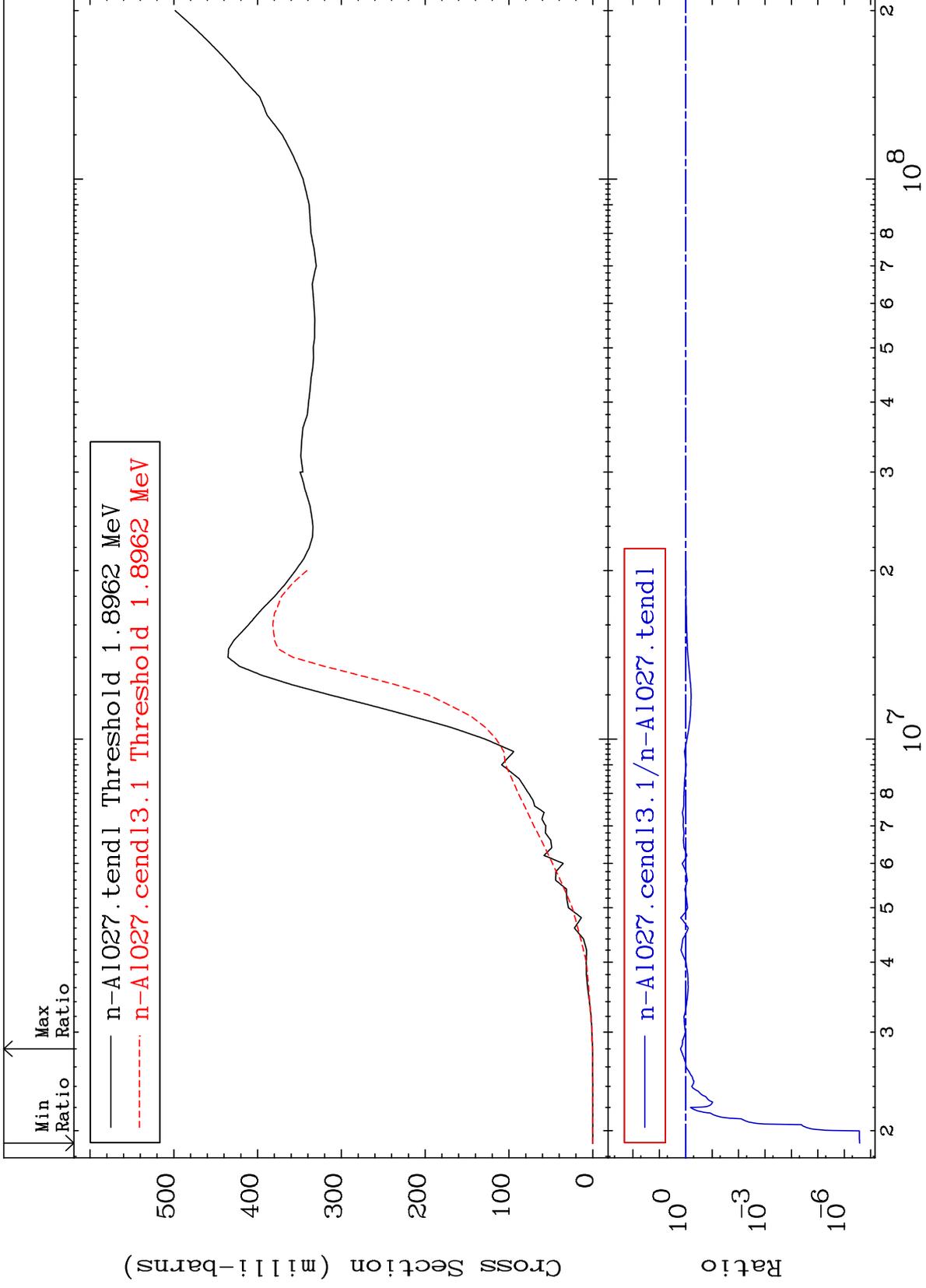


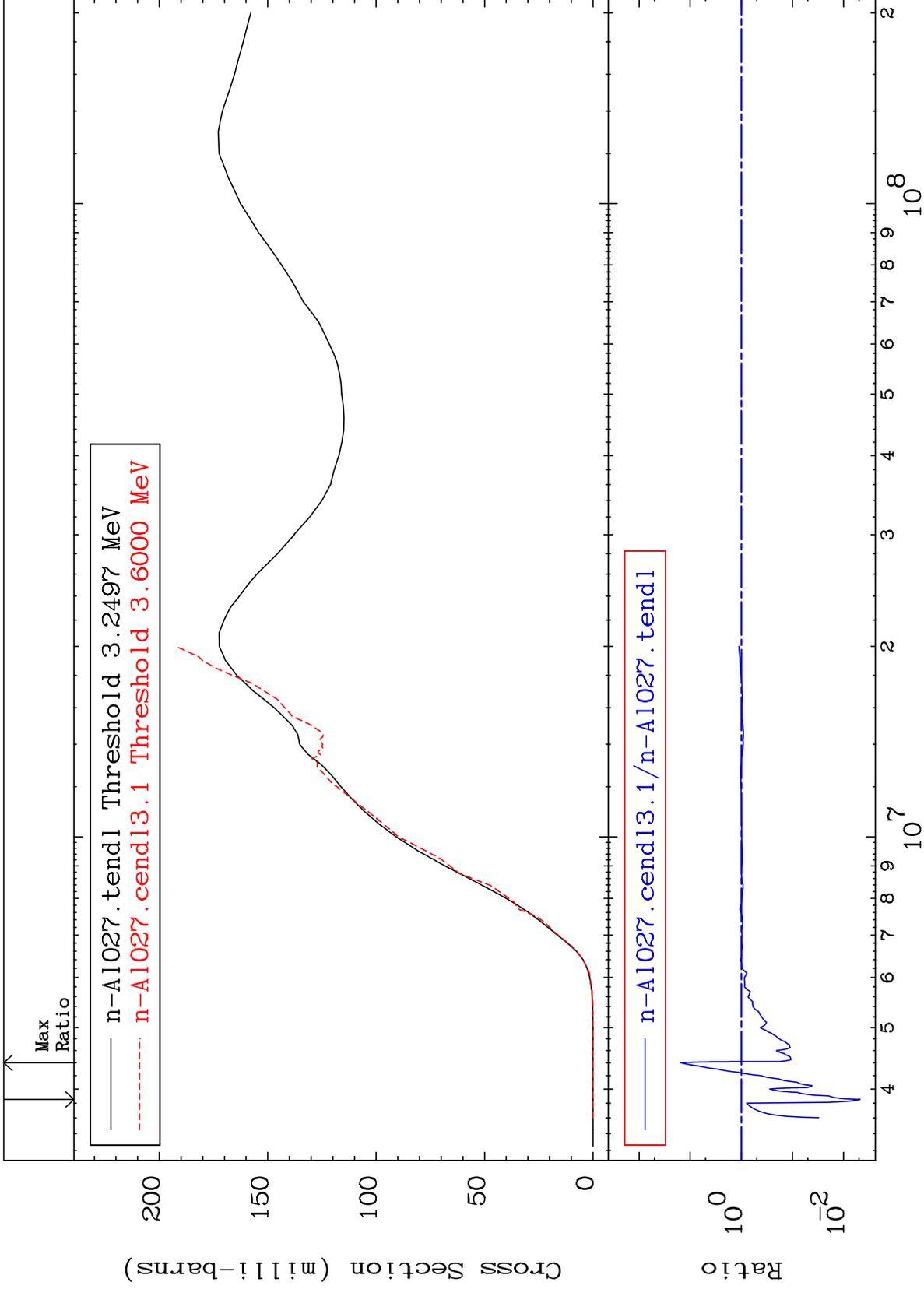


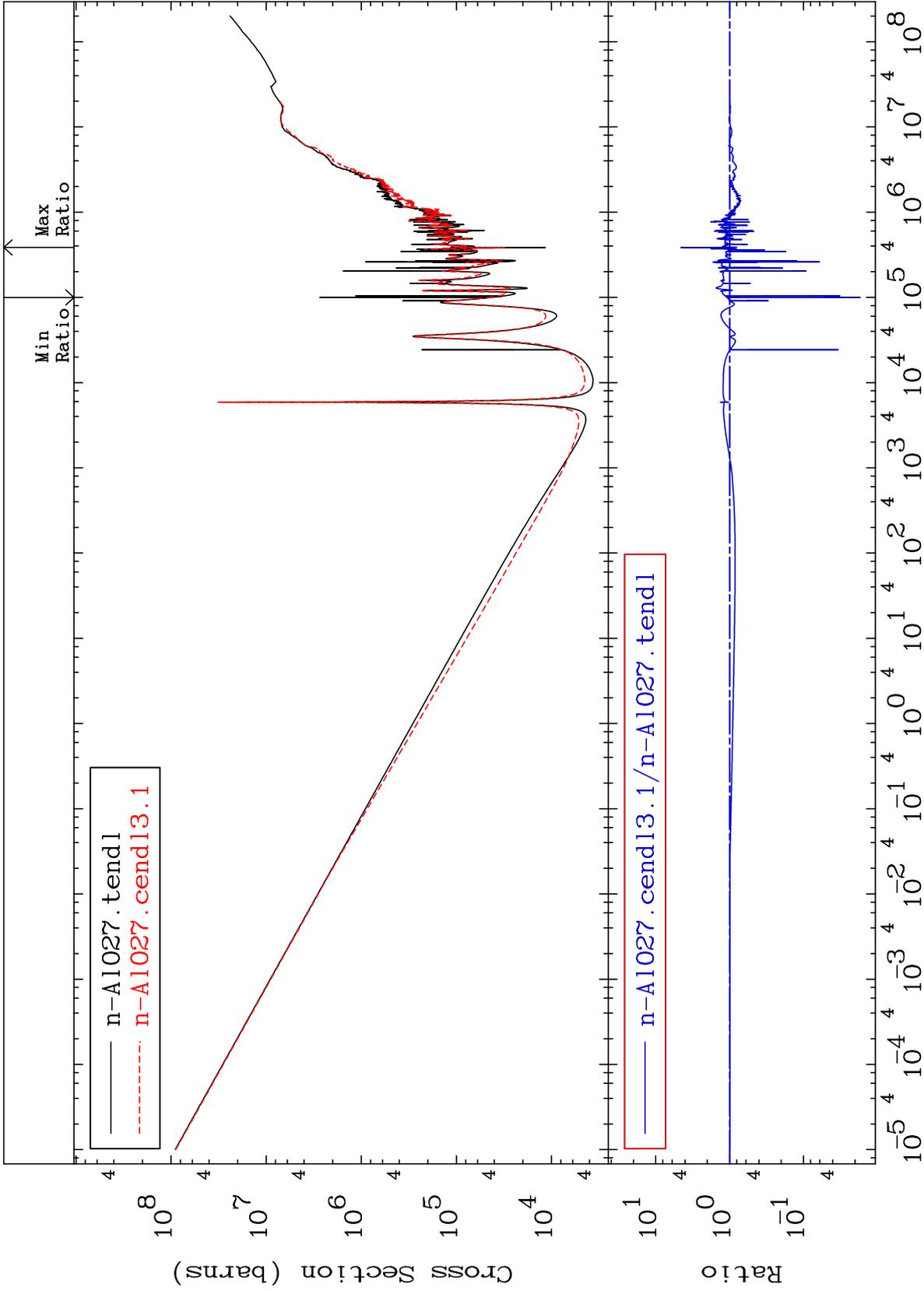
MAT 1325

Hydrogen Production Cross Section

13-Al-27
-100.0 To 57.85 %



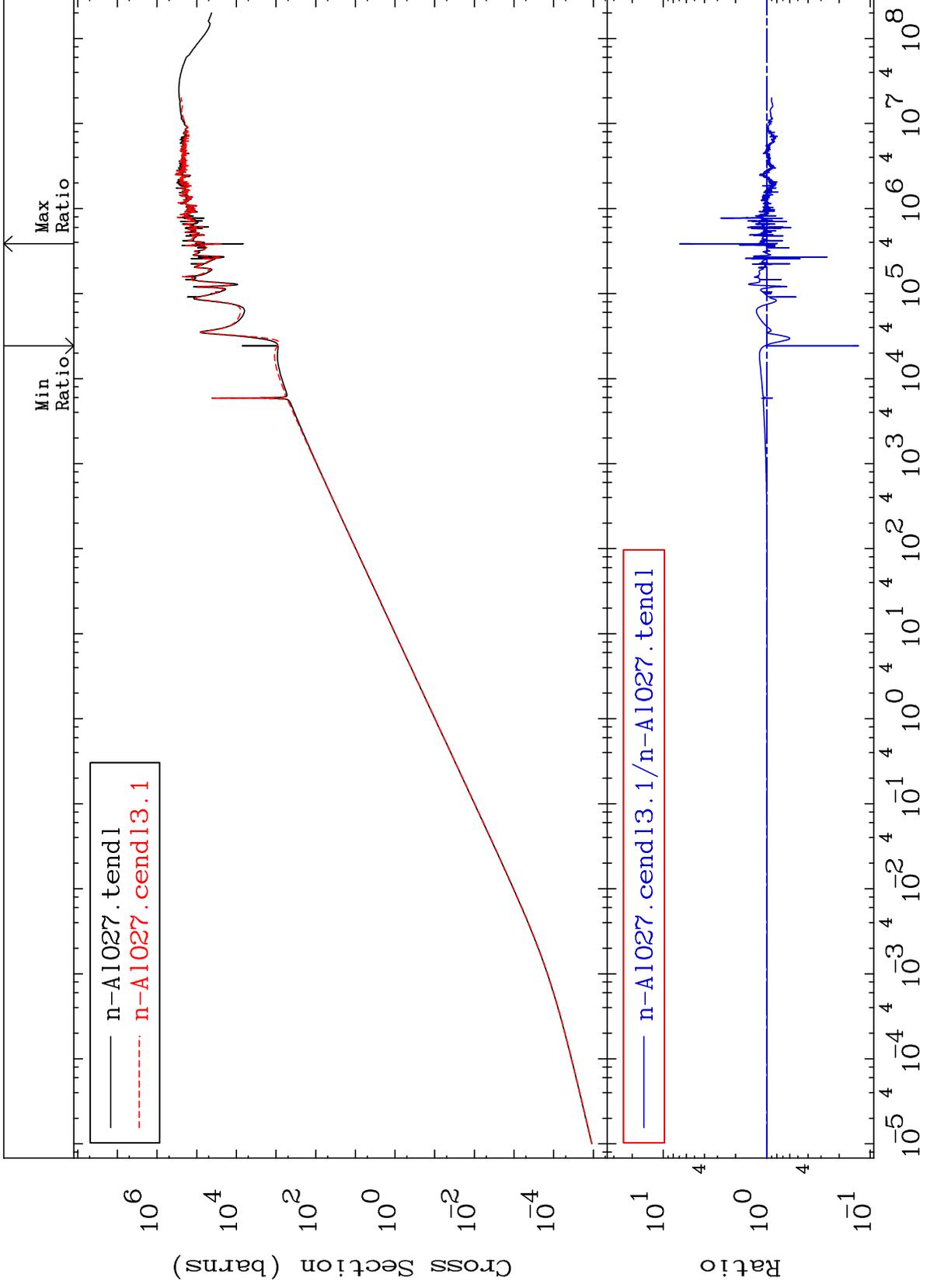




MAT 1325

Kerma elastic
Cross Section

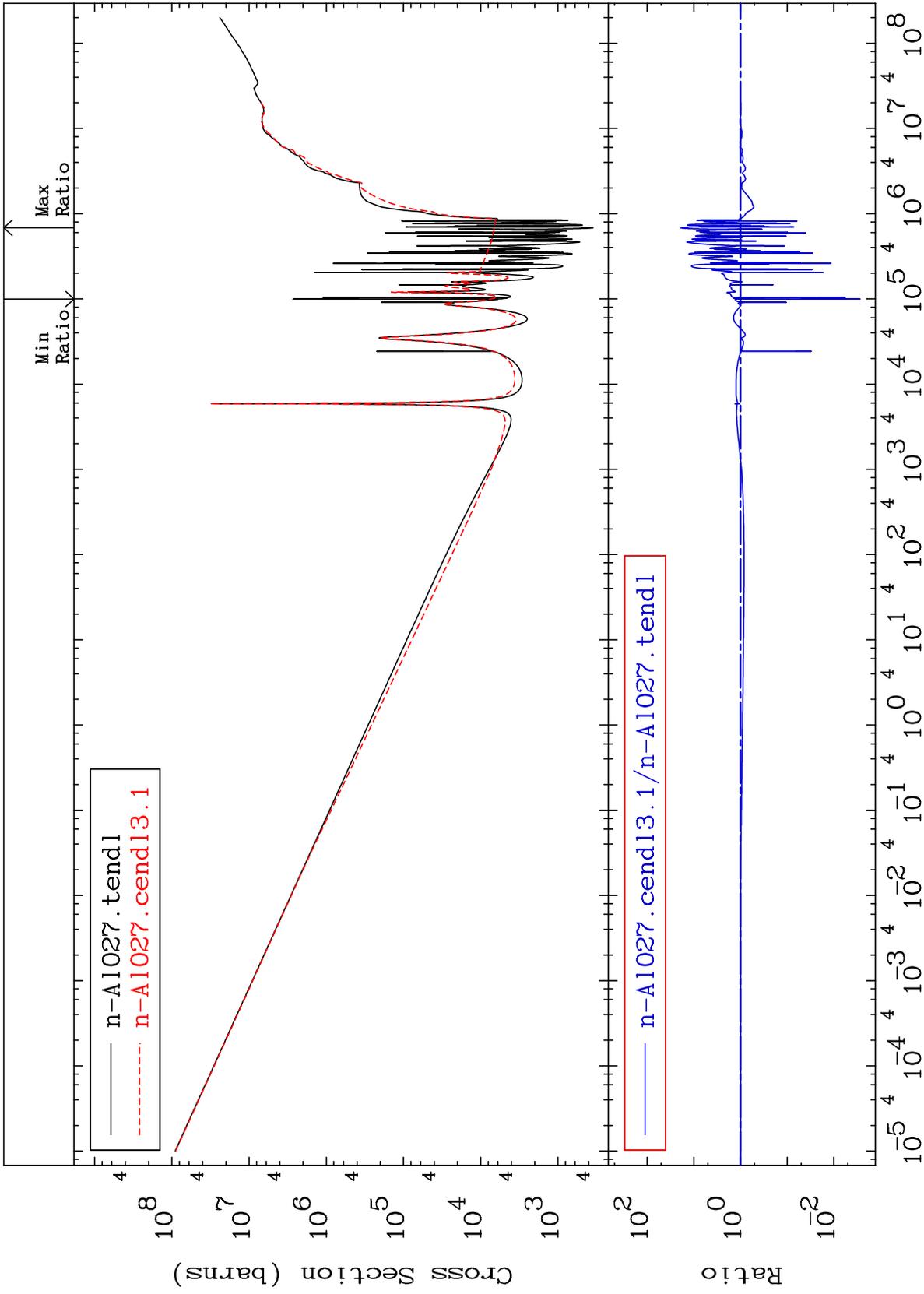
13-Al-27
-87.01 To 597.0 %

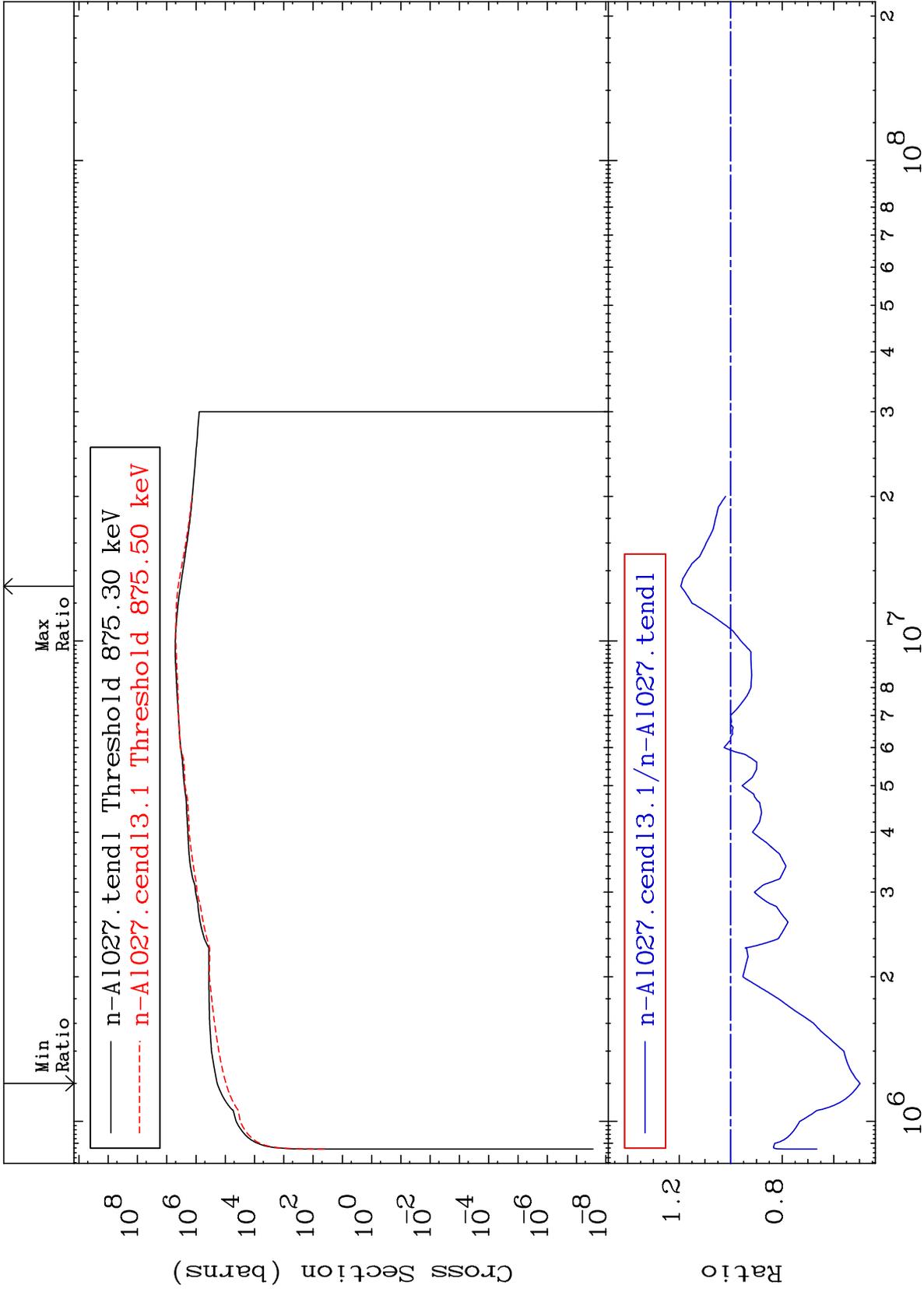


35

Incident Energy (eV)

13-Al-27

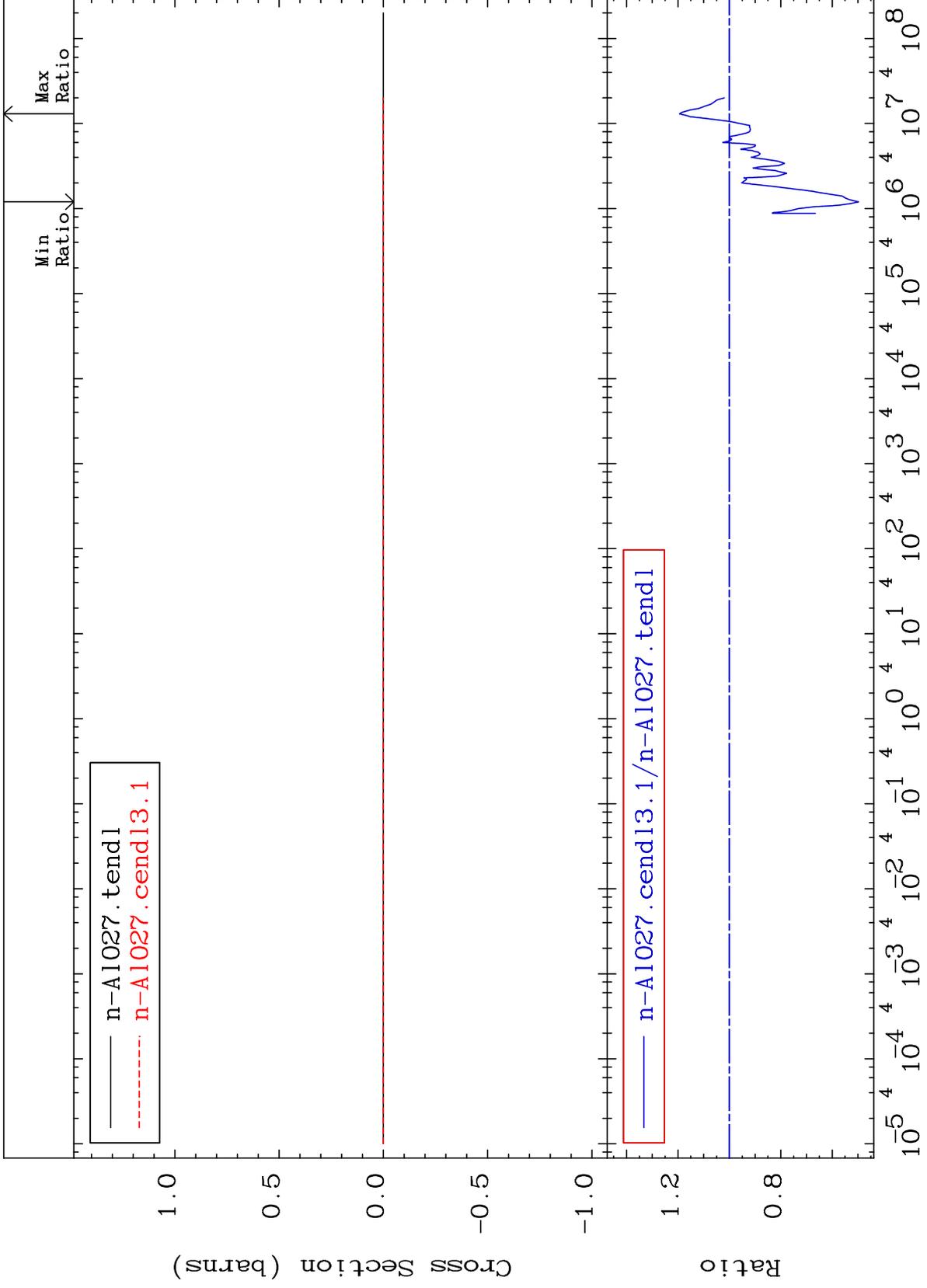


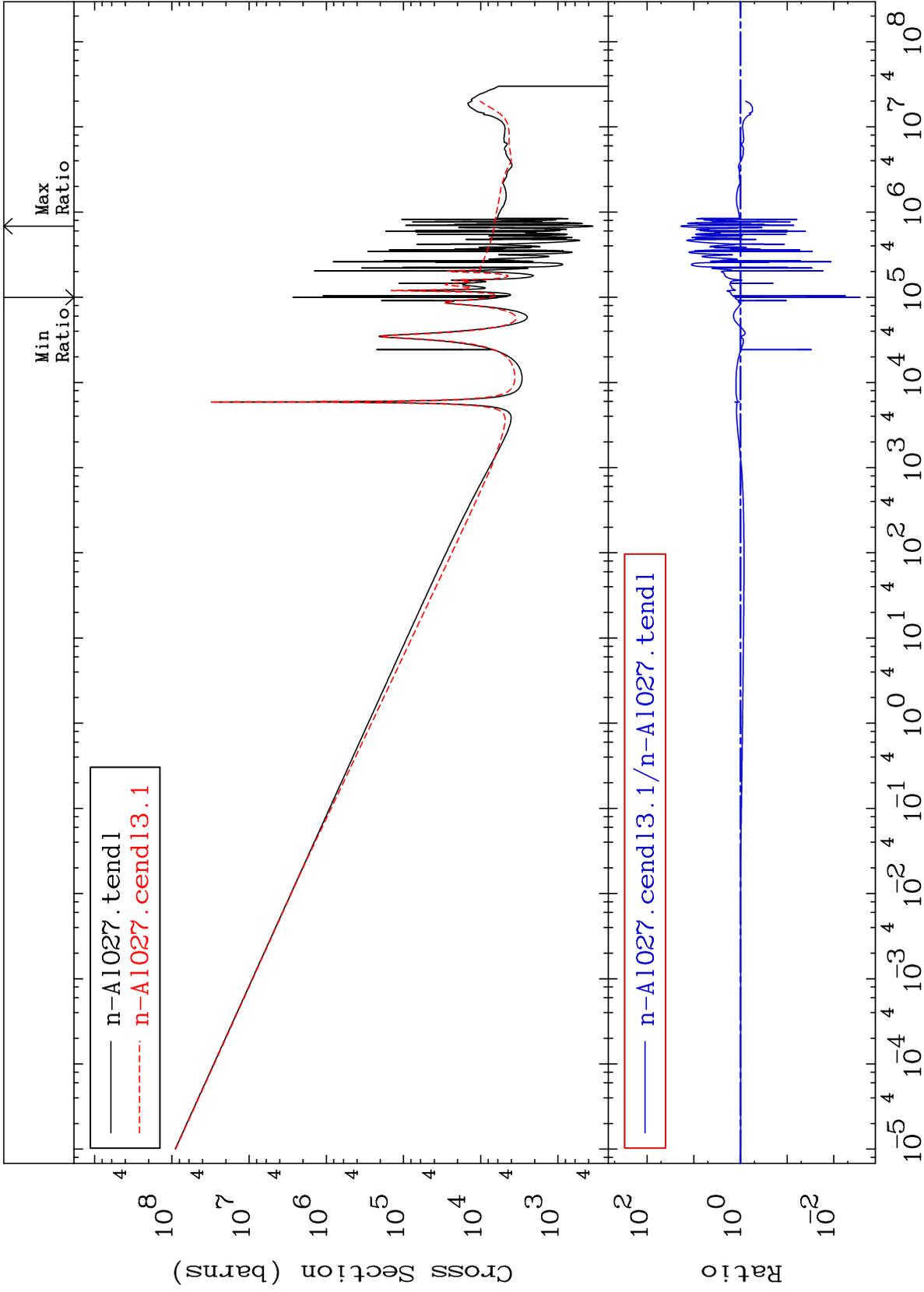


MAT 1325

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

13-Al-27
-50.24 To 19.38 %

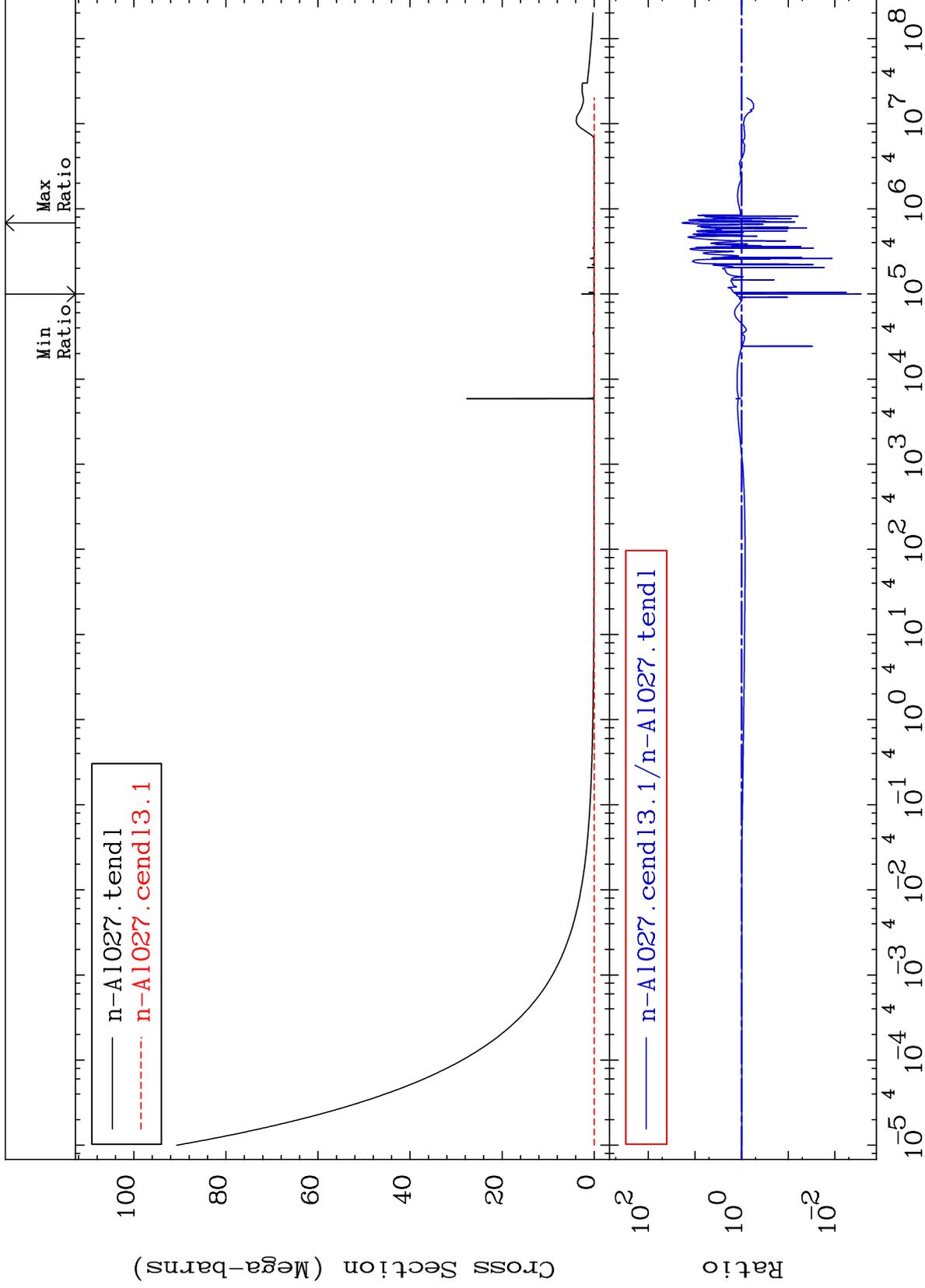




MAT 1325

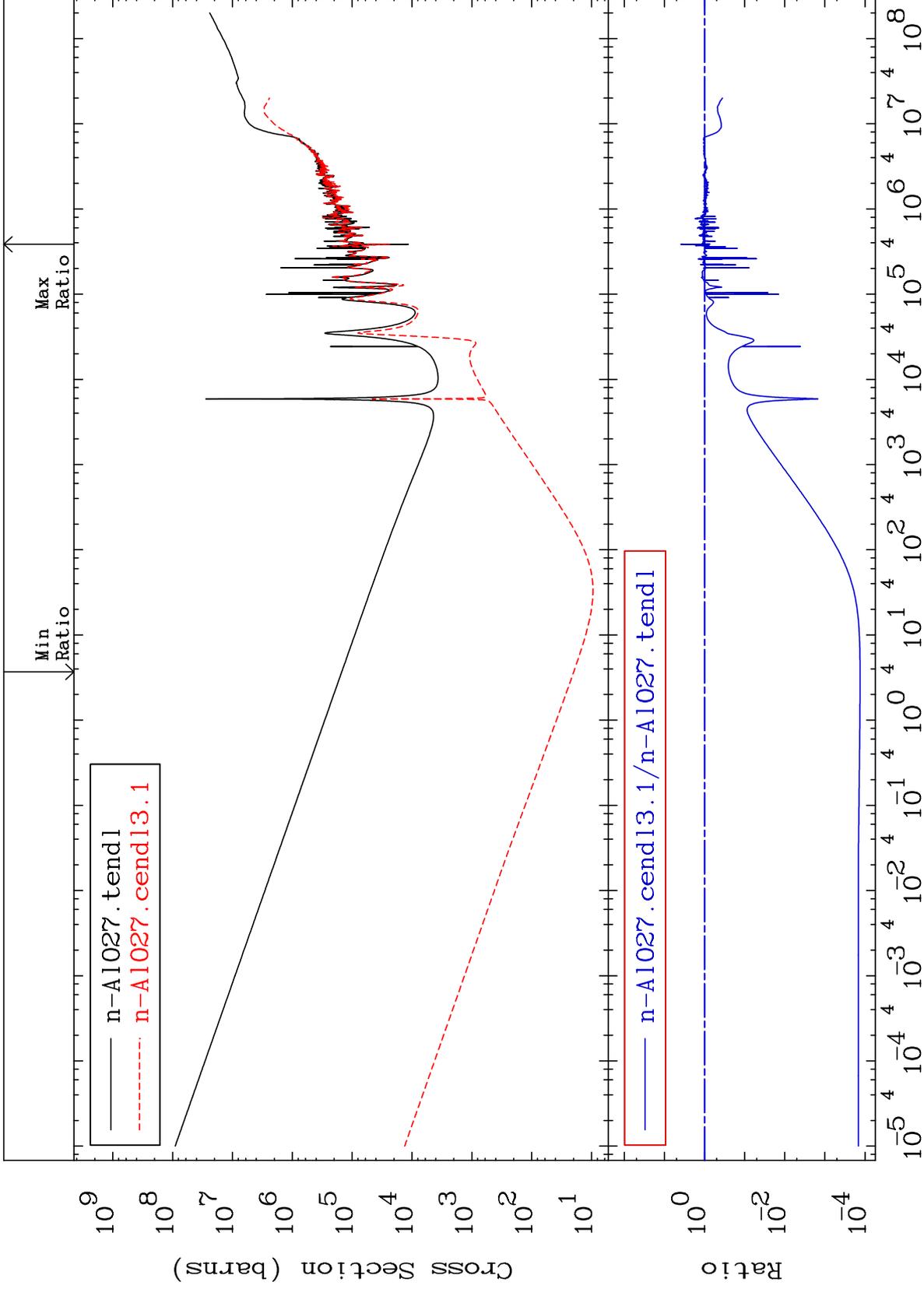
Total photon (eV-barns)
Cross Section

13-Al-27
-99.73 To 1800. %



Incident Energy (eV)

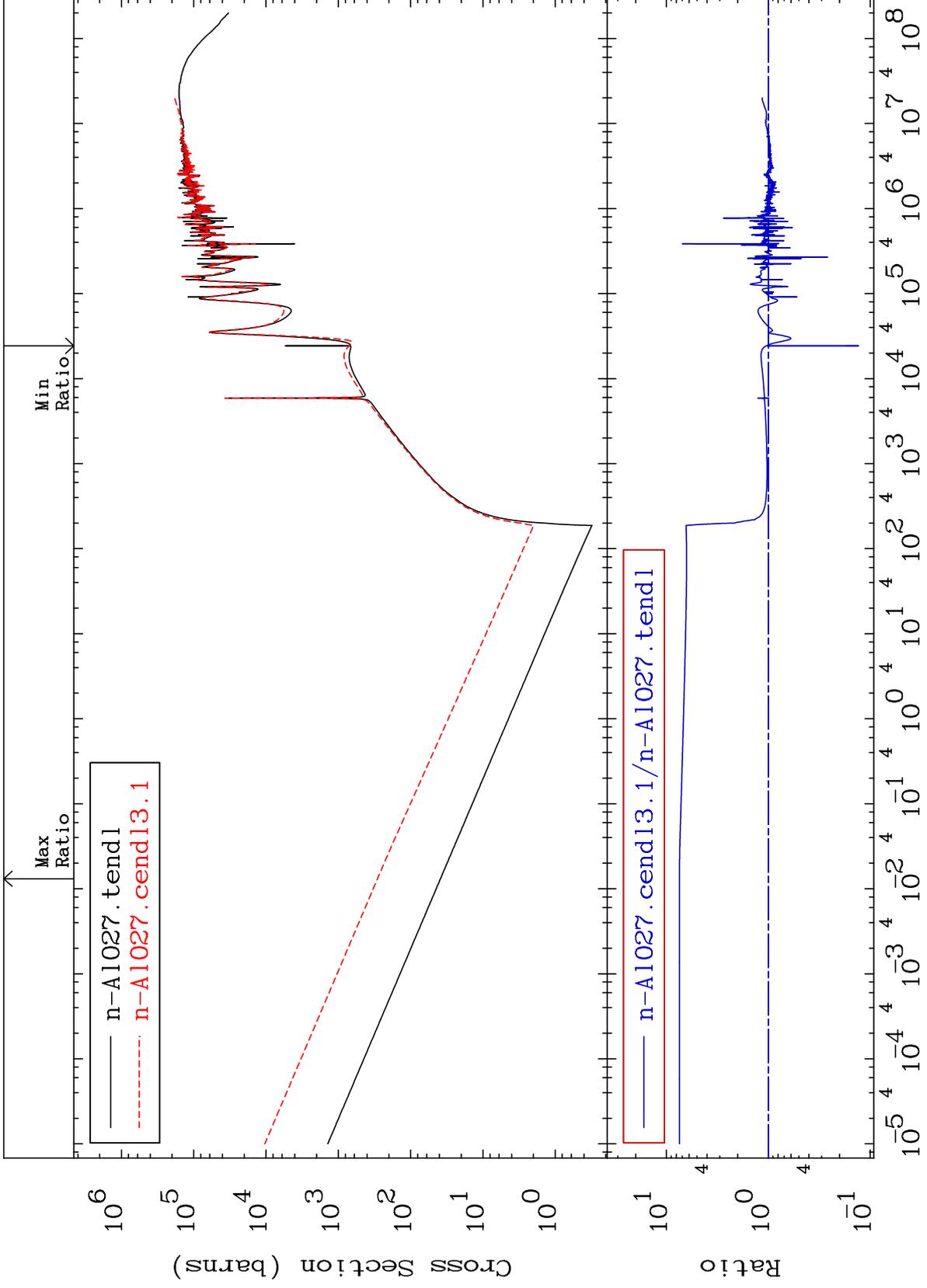
13-Al-27



MAT 1325

Dpa total (eV-barns)
Cross Section

13-Al-27
-86.99 To 643.4 %



42

Incident Energy (eV)

13-Al-27

