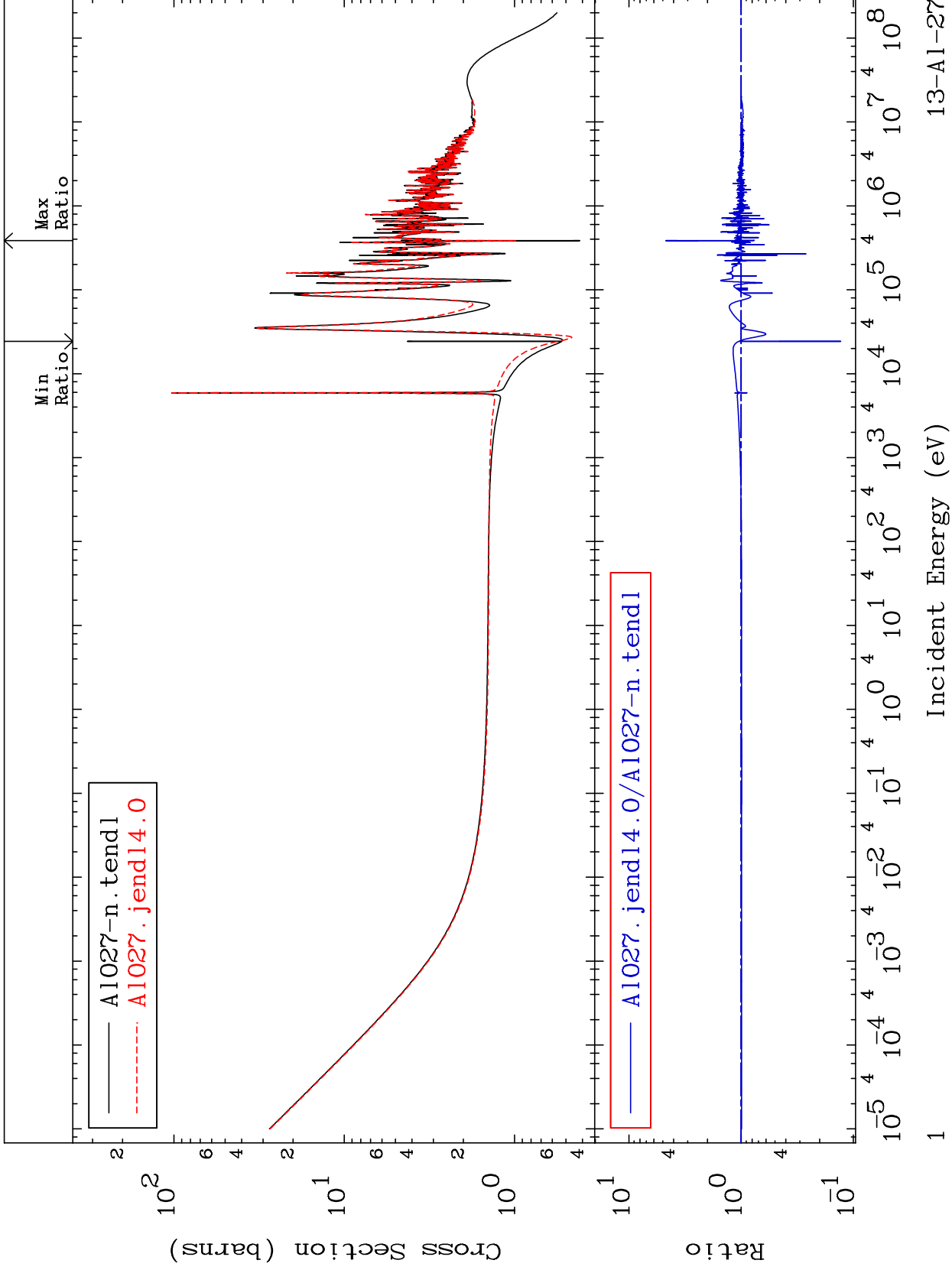


MAT 1325

Total
Cross Section

13-A1-27
-87.02 To 372.8 %



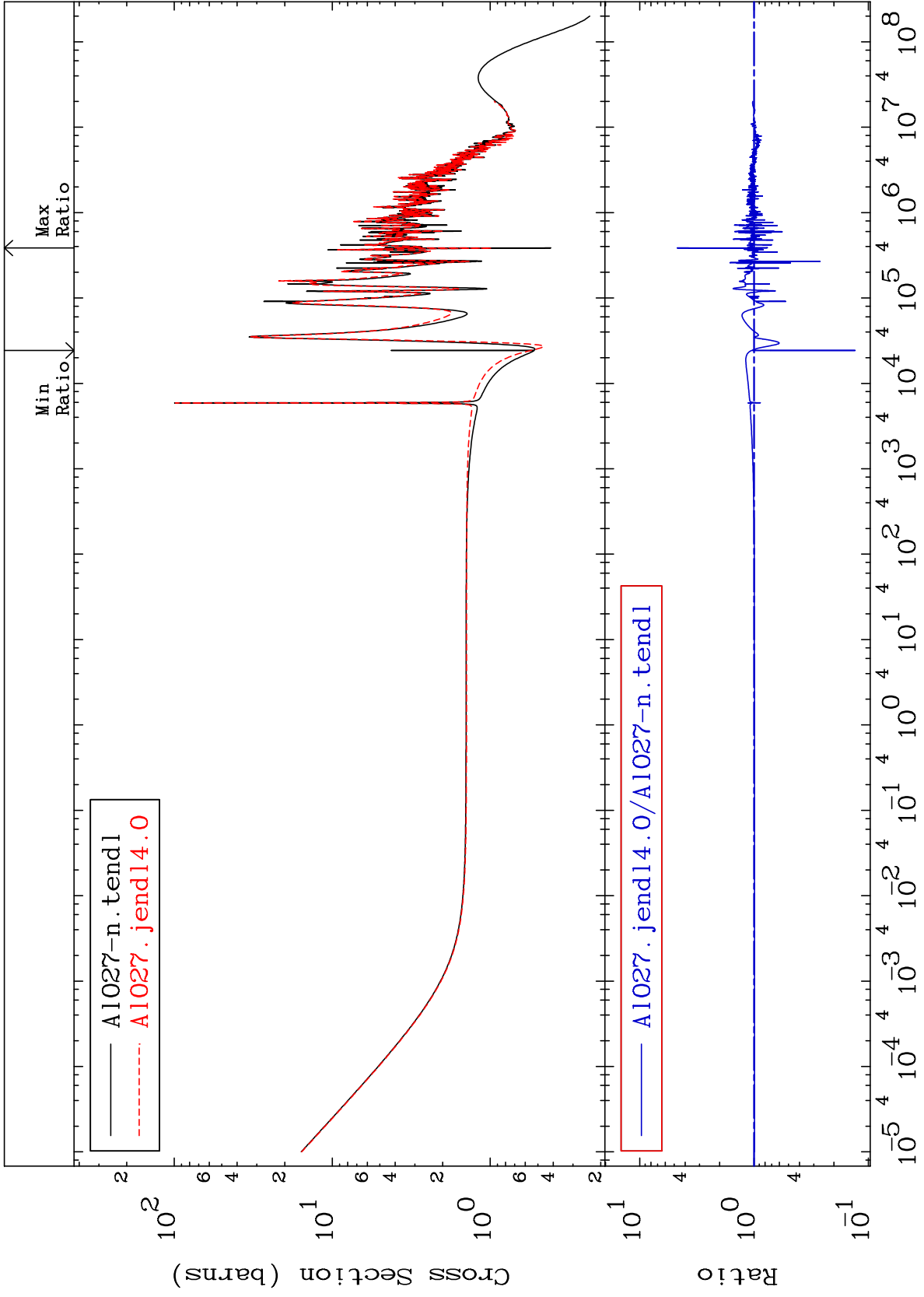
Incident Energy (eV)

13-A1-27

MAT 1325

Elastic
Cross Section

13-Al-27
-86.95 To 373.3 %



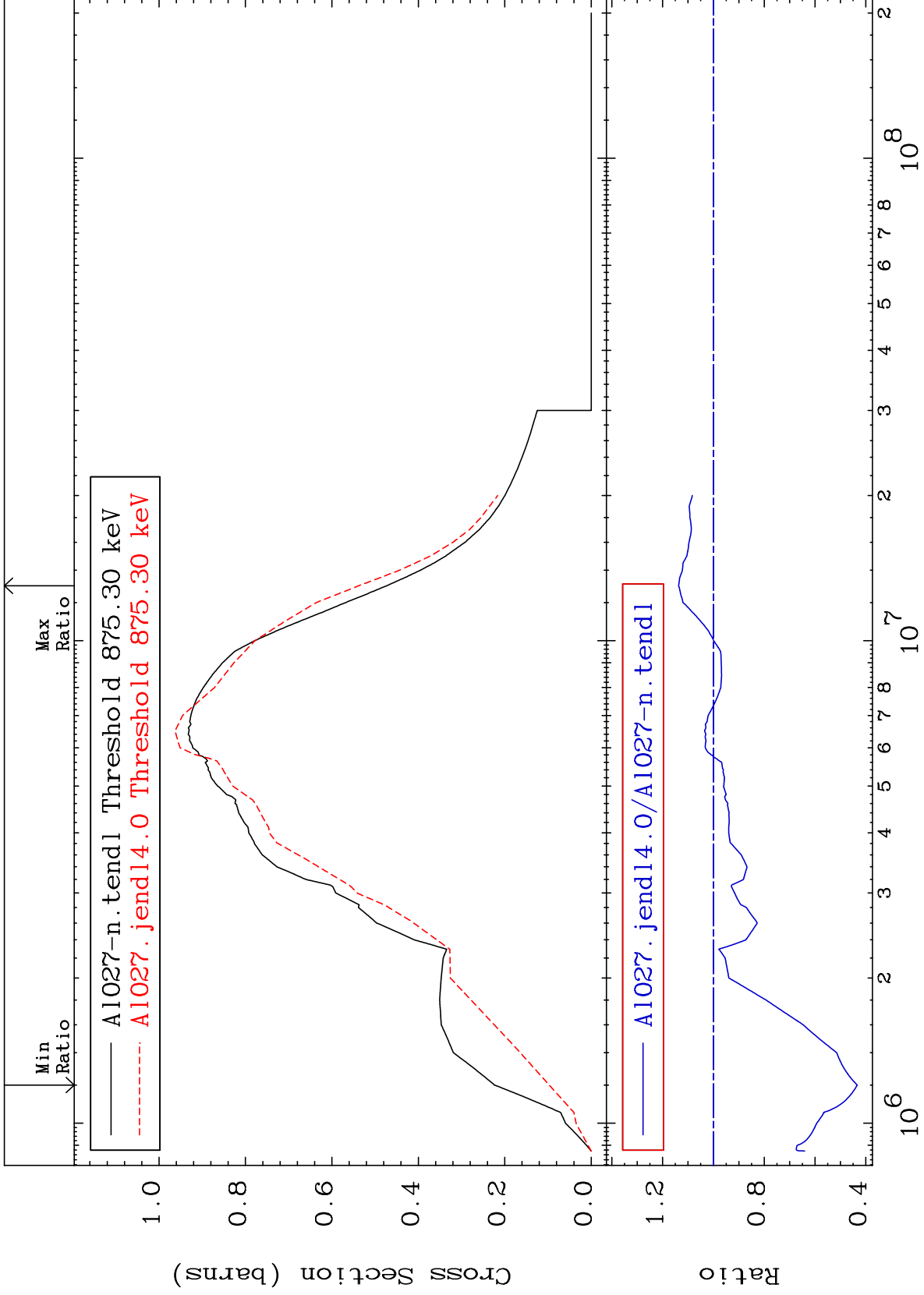
Incident Energy (eV)

13-Al-27

MAT 1325

Inelastic
Cross Section

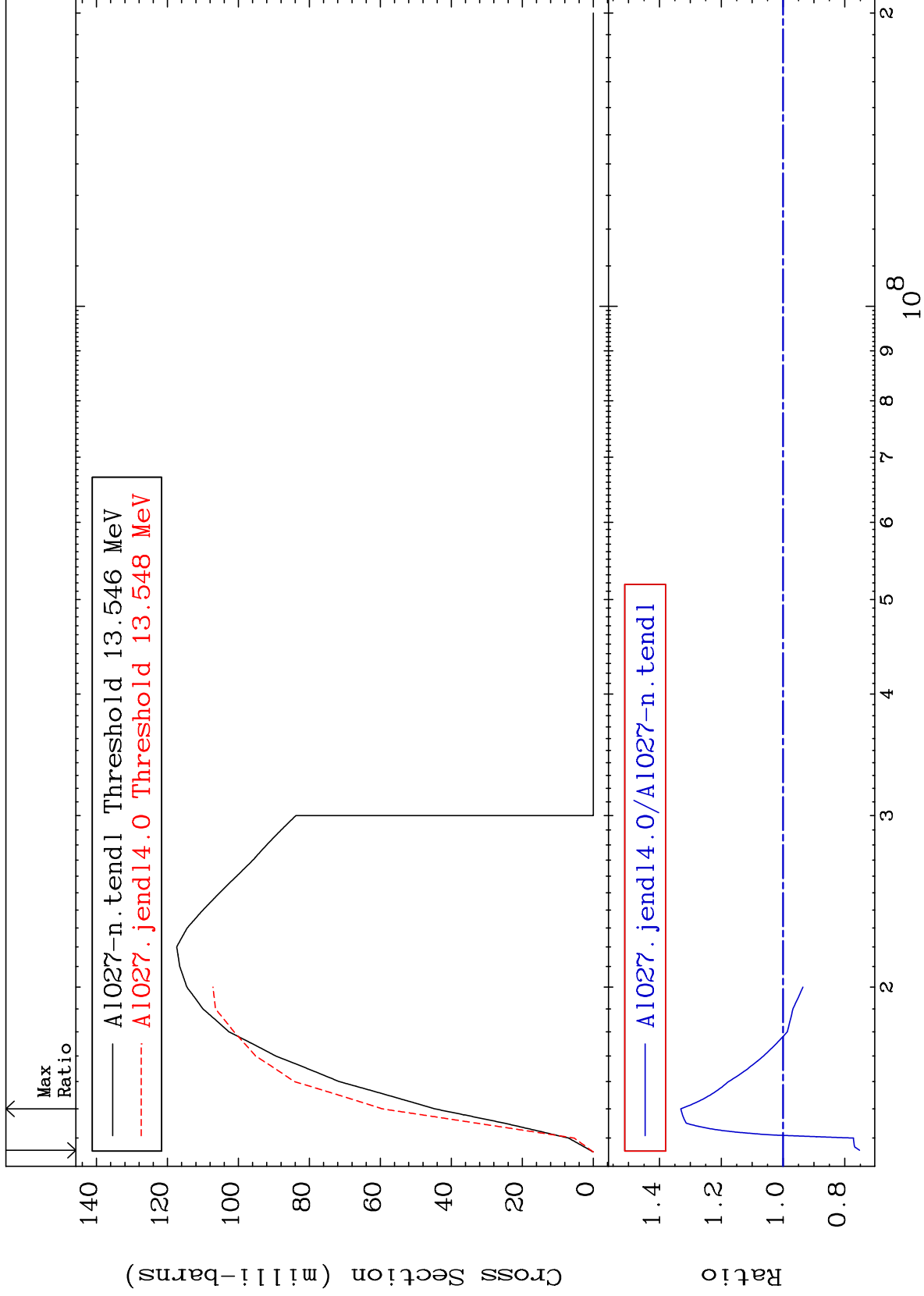
13-Al-27
-56.63 To 13.70 %



MAT 1325

(n,2n)
Cross Section

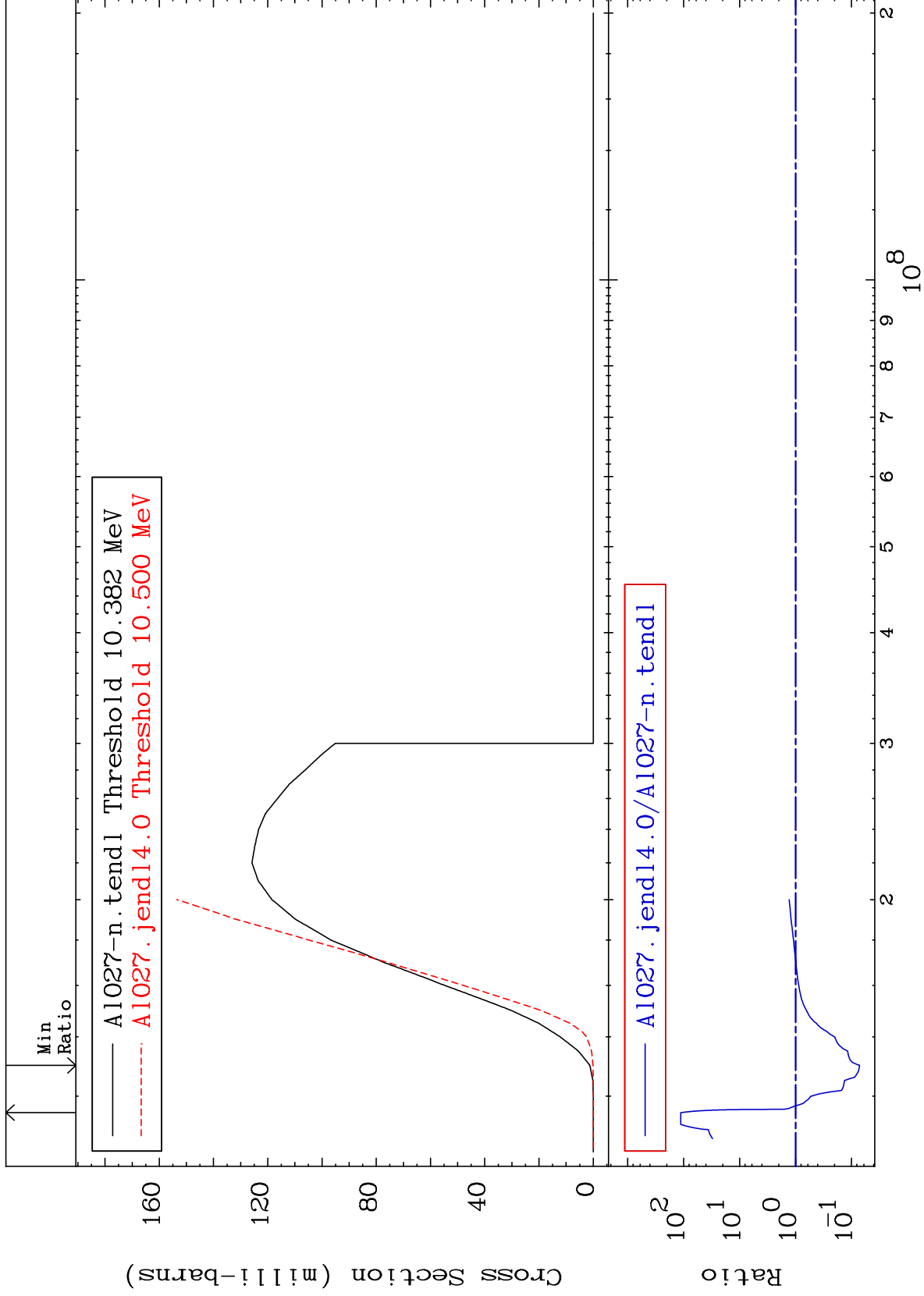
13-Al-27
-24.76 To 33.10 %



MAT 1325

(n, n') α
Cross Section

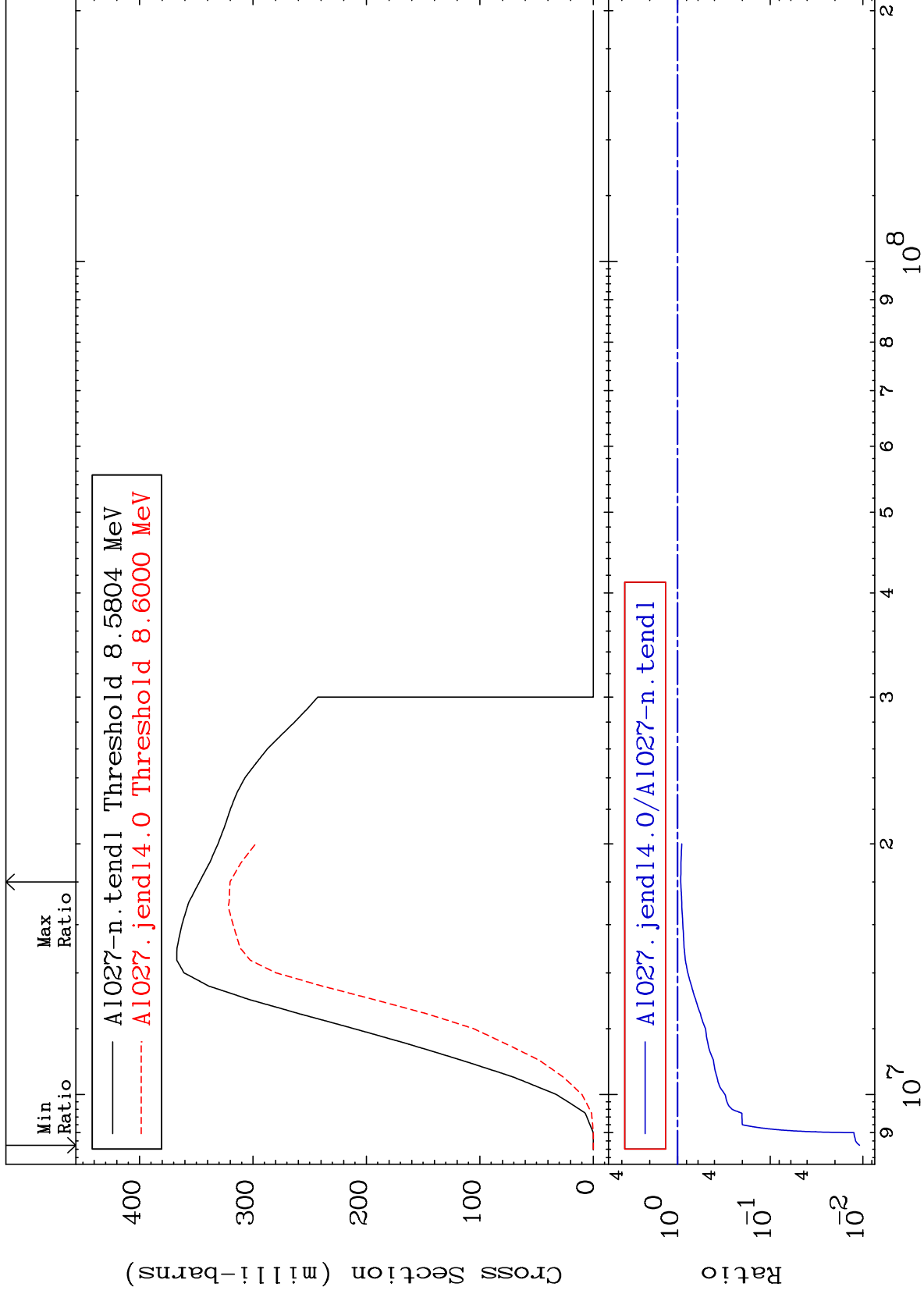
13-Al-27
-92.83 To 9999. %



MAT 1325

(n, n') p
Cross Section

13-Al-27
-98.91 To -7.751%



6

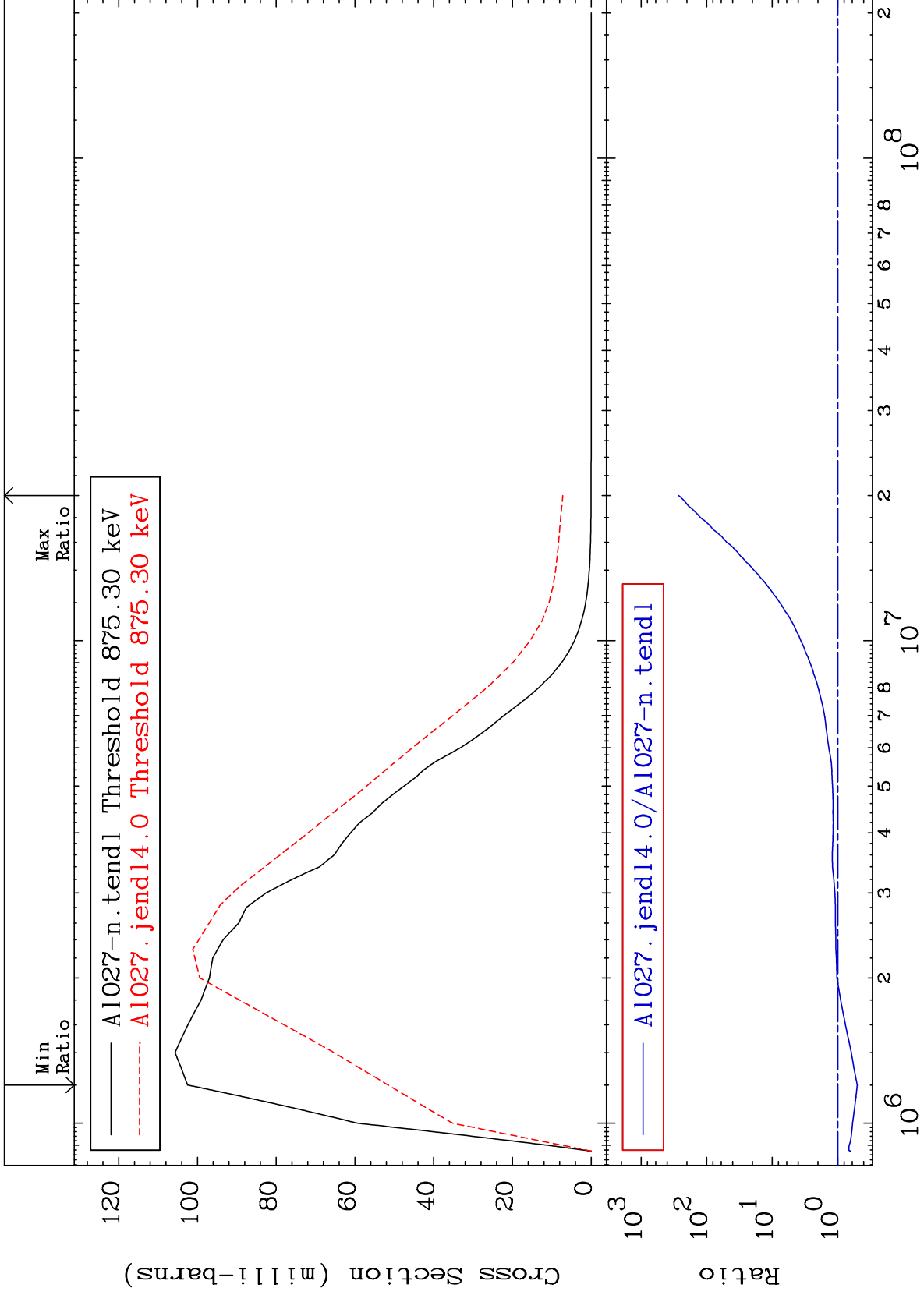
Incident Energy (eV)

13-Al-27

MAT 1325

843.8 keV (n,n') Level
Cross Section

13-Al-27
-49.71 To 9999. %



7

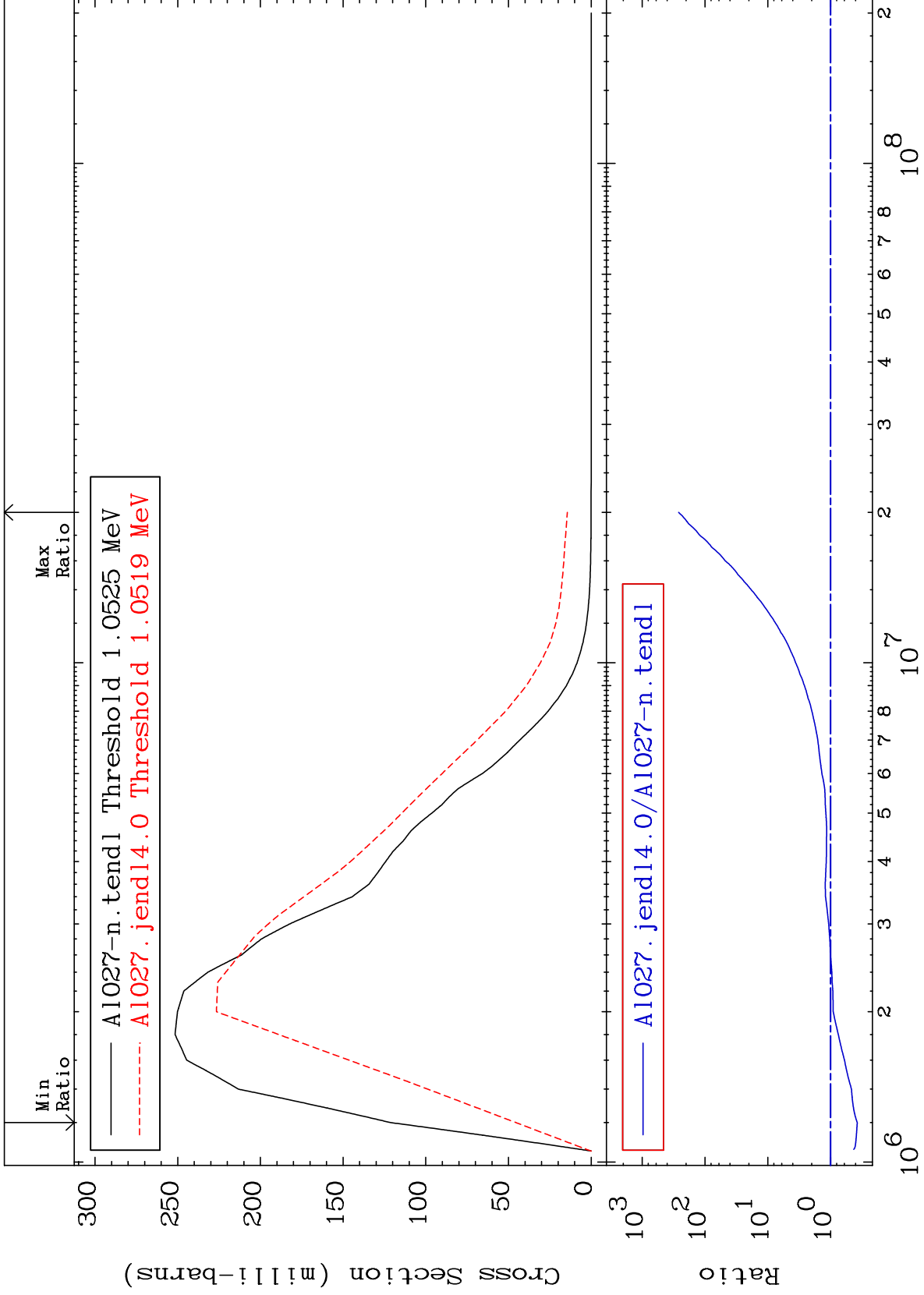
Incident Energy (eV)

13-Al-27

MAT 1325

1.015 MeV (n,n') Level
Cross Section

13-Al-27
-62.48 To 9999. %



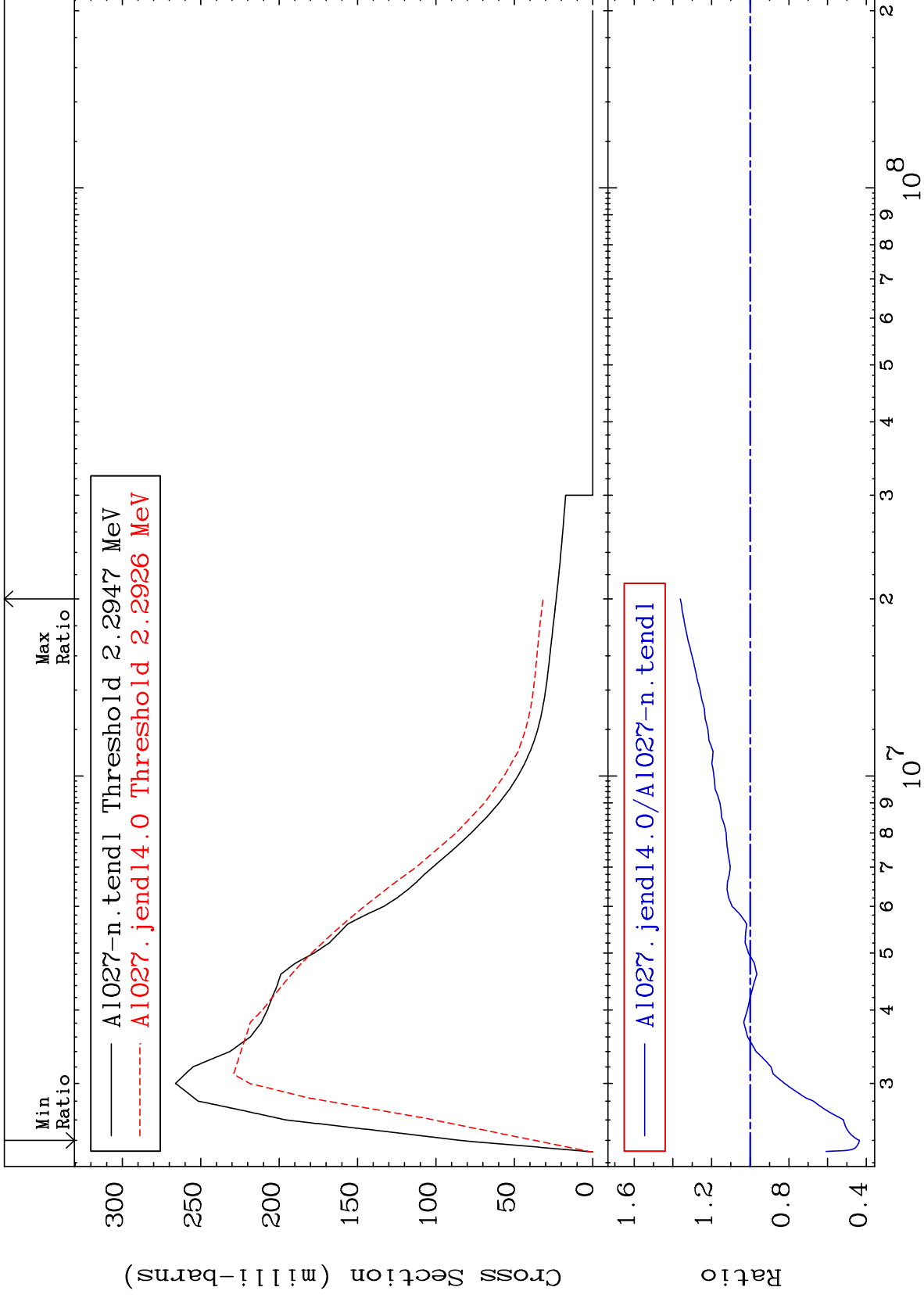
13-Al-27

8

MAT 1325

2.212 MeV (n,n') Level
Cross Section

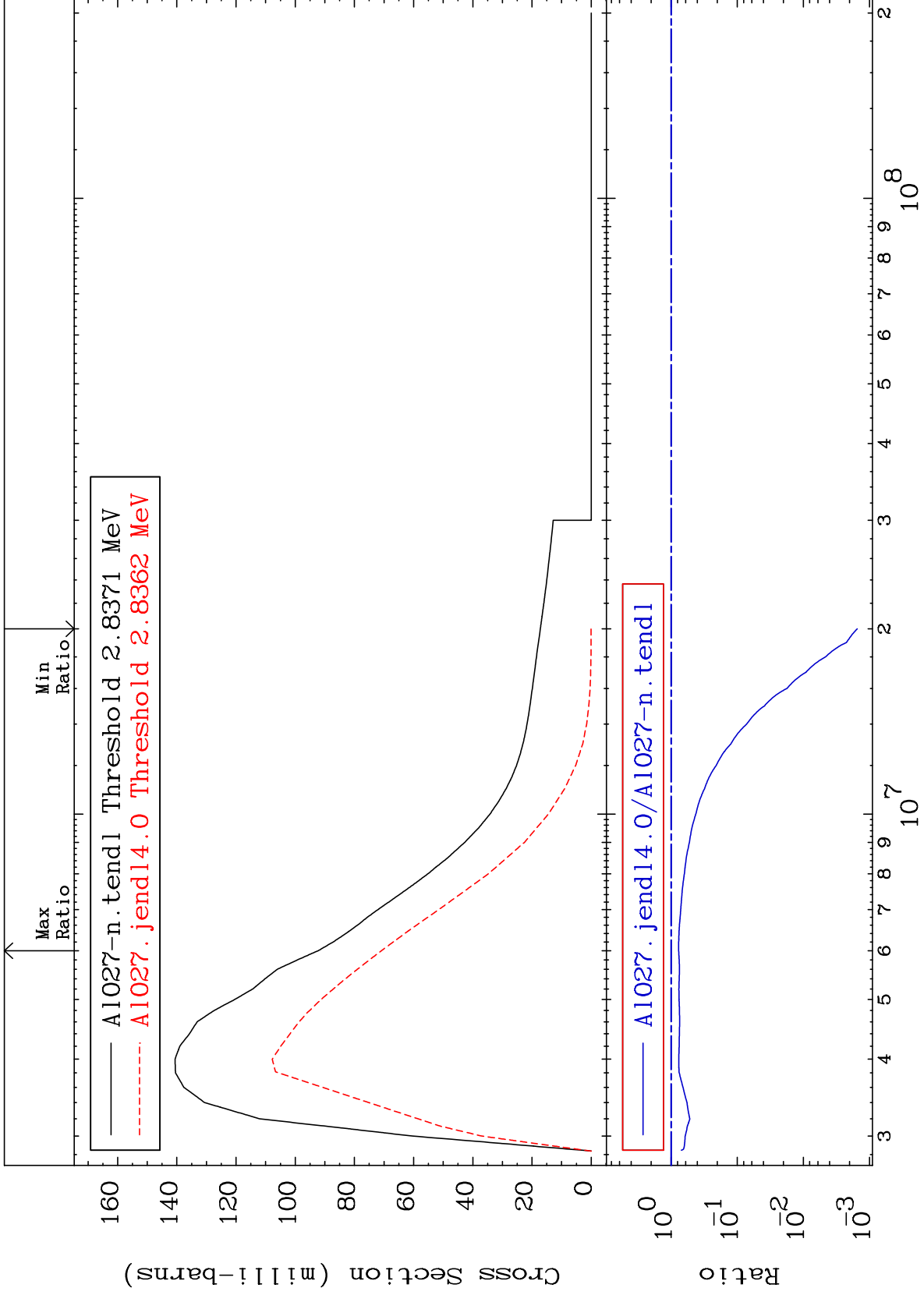
13-Al-27
-56.48 To 36.12 %



MAT 1325

2.735 MeV (n,n') Level
Cross Section

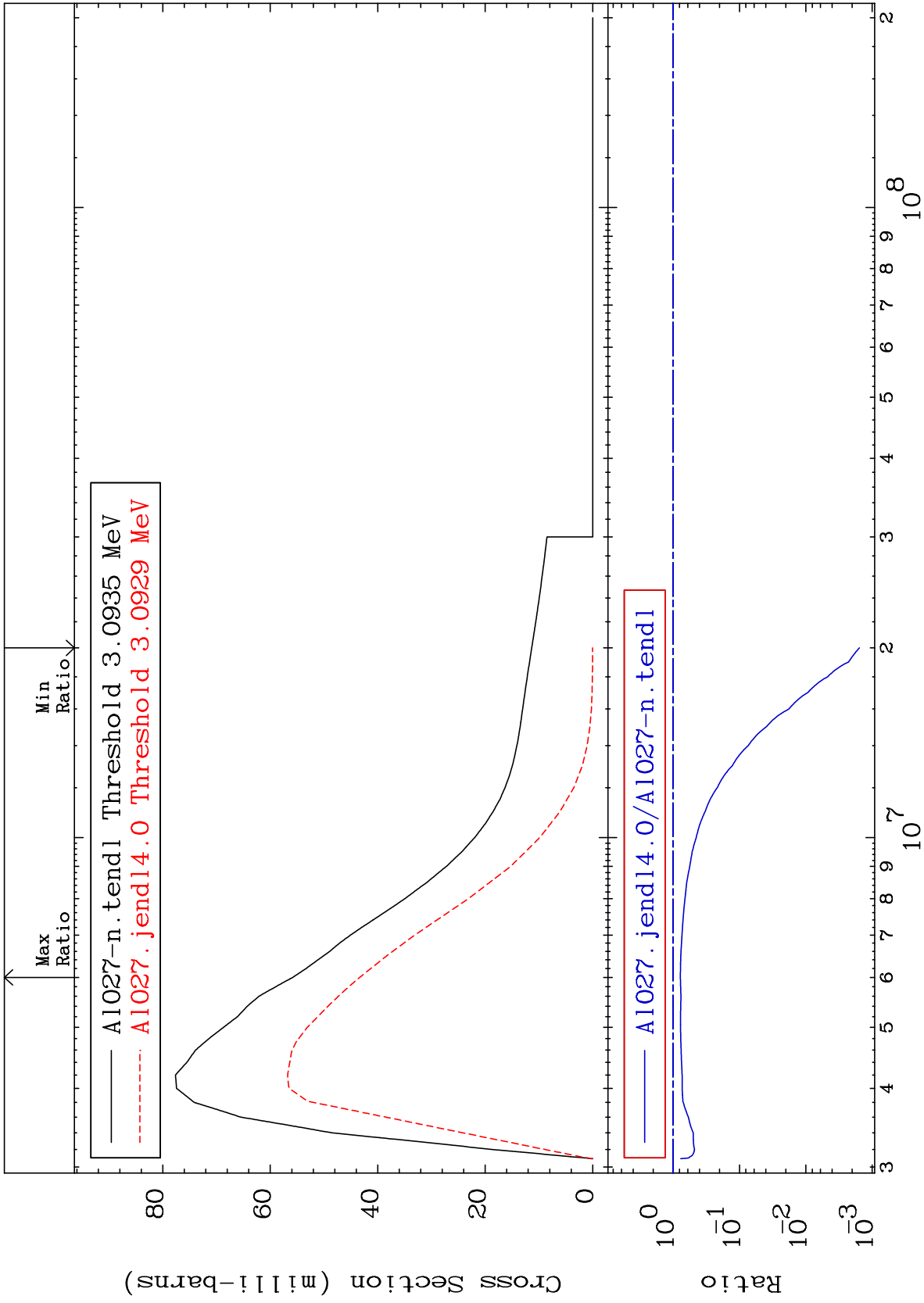
13-Al-27
-99.85 To -23.15%



10

Incident Energy (eV)

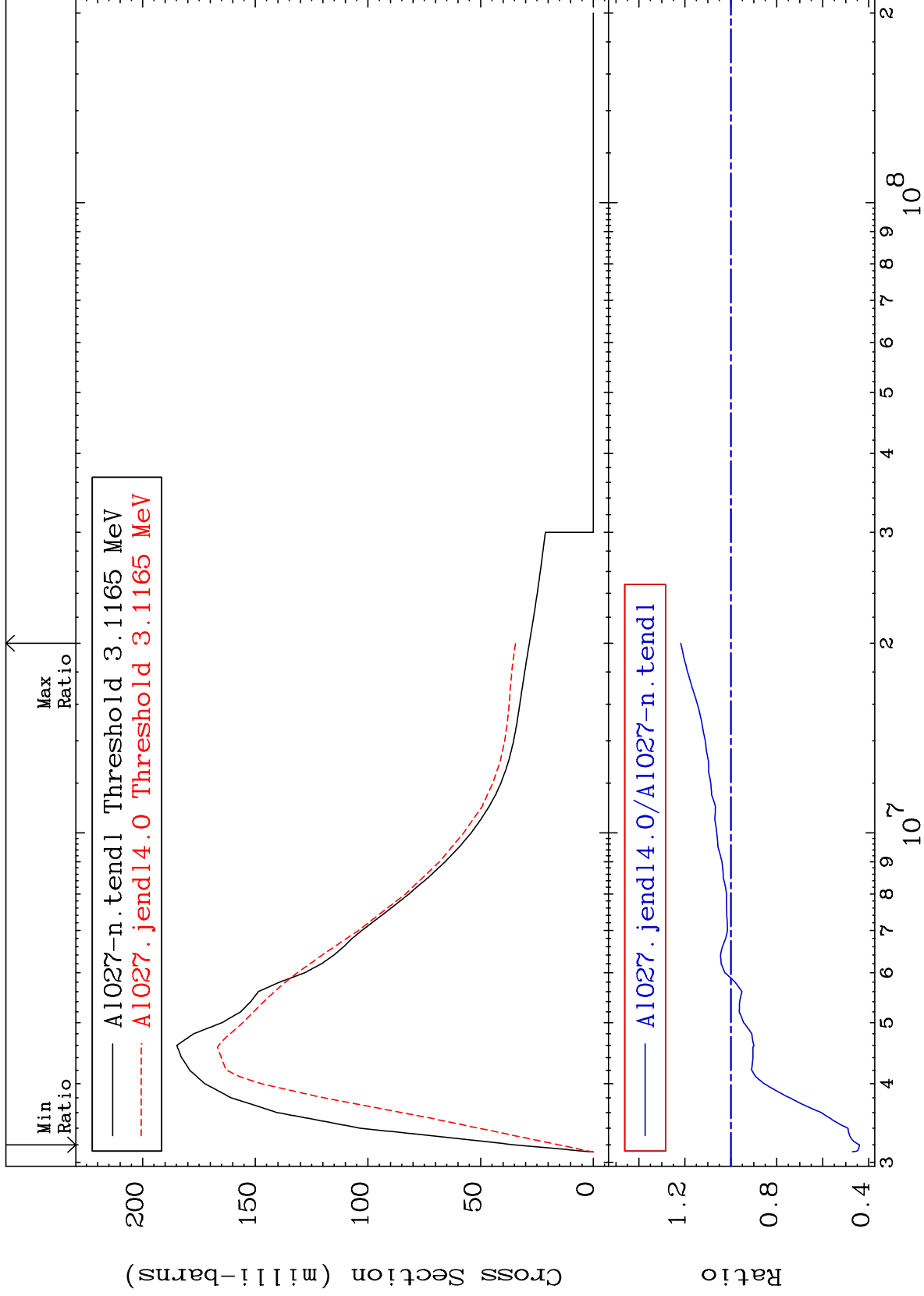
13-Al-27



MAT 1325

3.004 MeV (n,n') Level
Cross Section

13-Al-27
-56.01 To 21.78 %



12

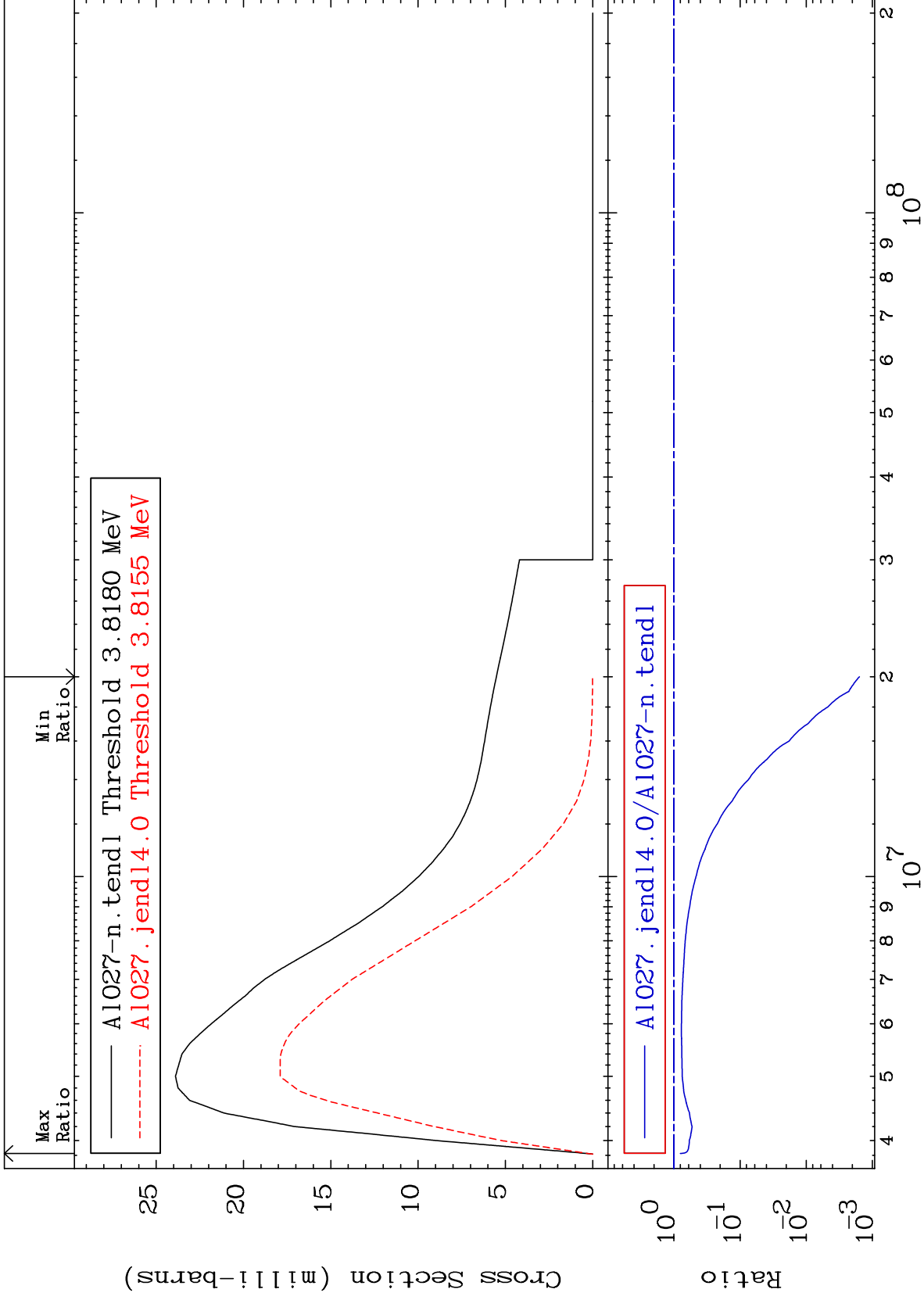
Incident Energy (eV)

13-Al-27

MAT 1325

3.680 MeV (n,n') Level
Cross Section

13-Al-27
-99.84 To -20.07%



13

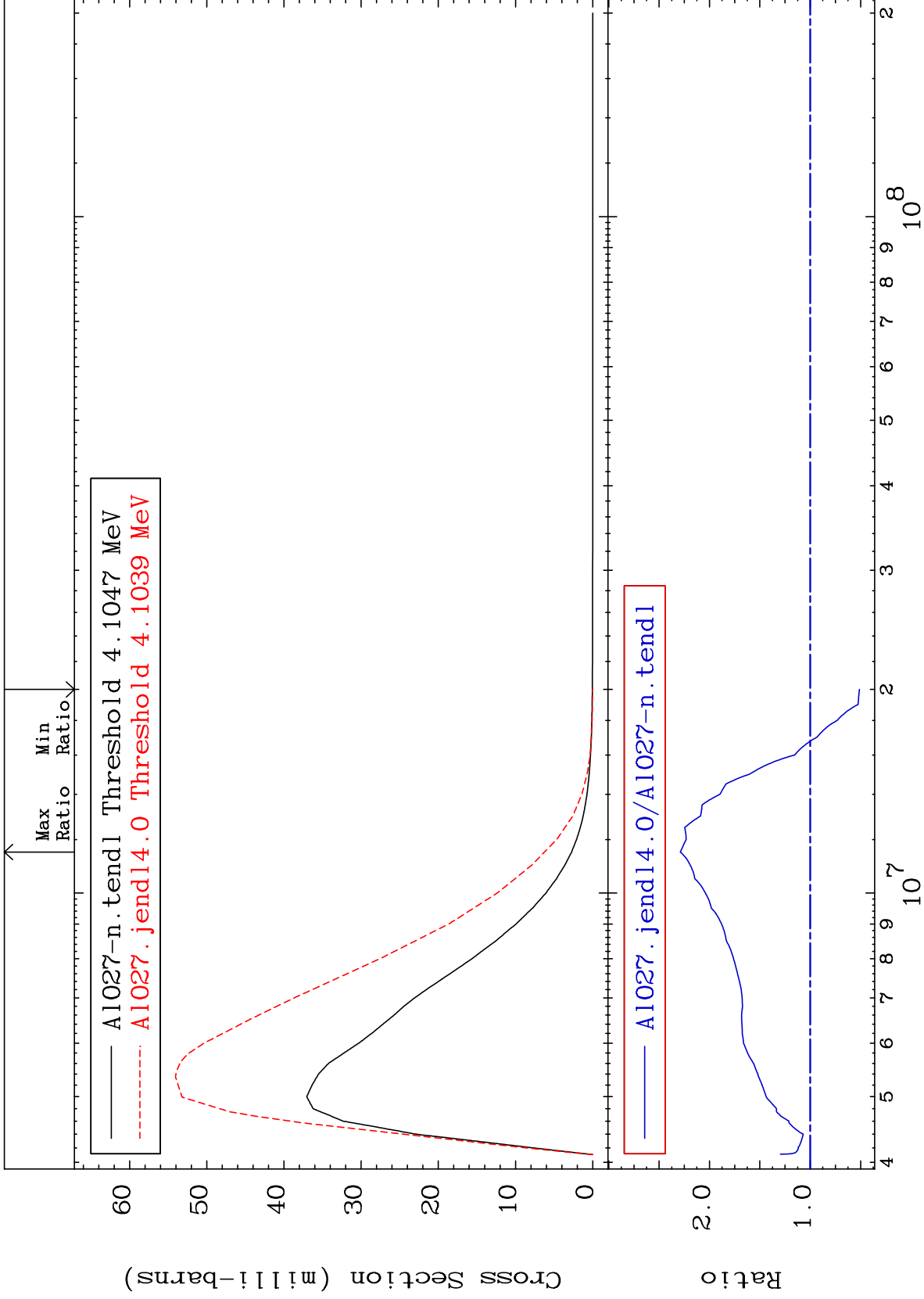
Incident Energy (eV)

13-Al-27

MAT 1325

3.957 MeV (n,n') Level
Cross Section

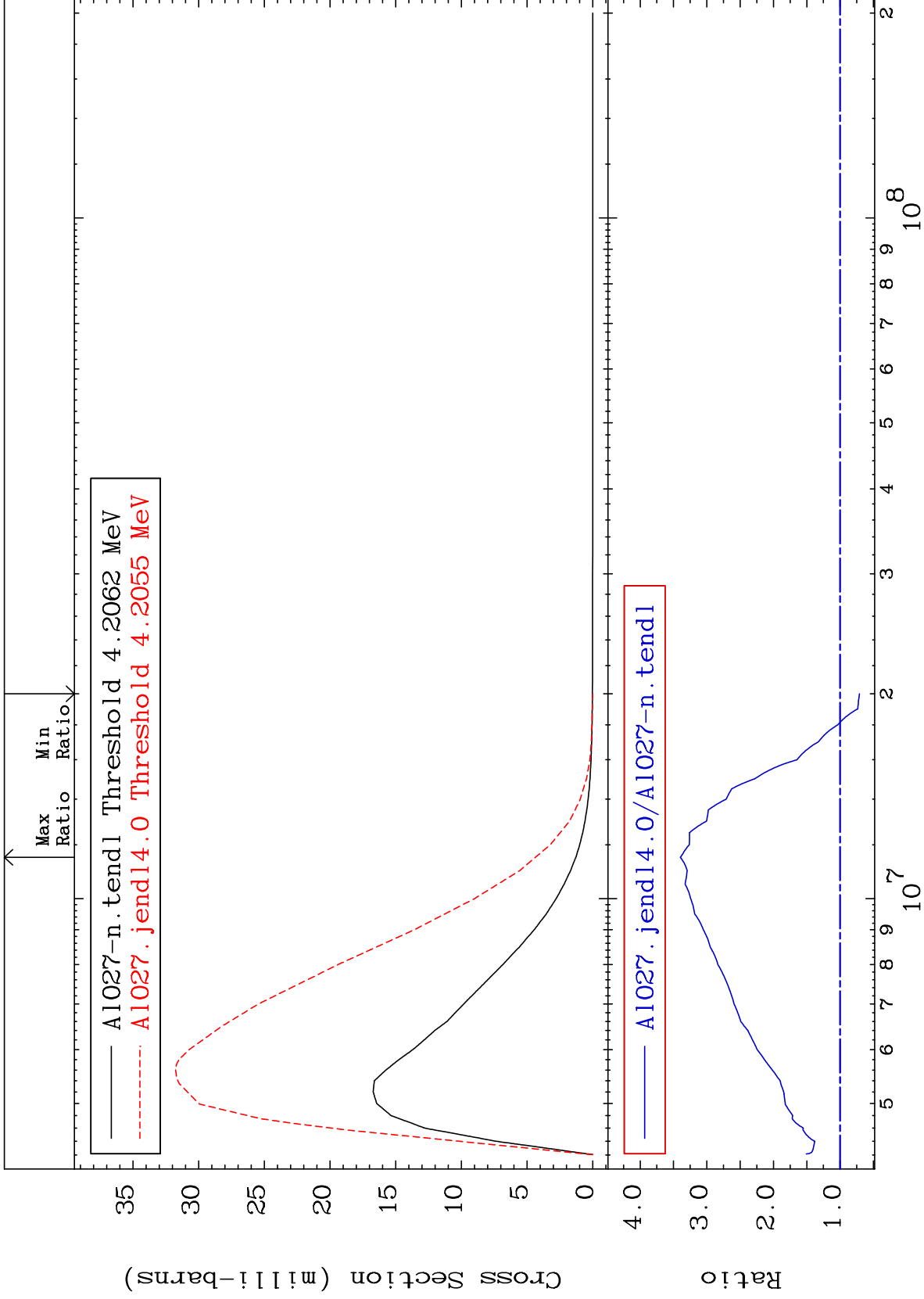
13-Al-27
-48.85 To 128.9 %

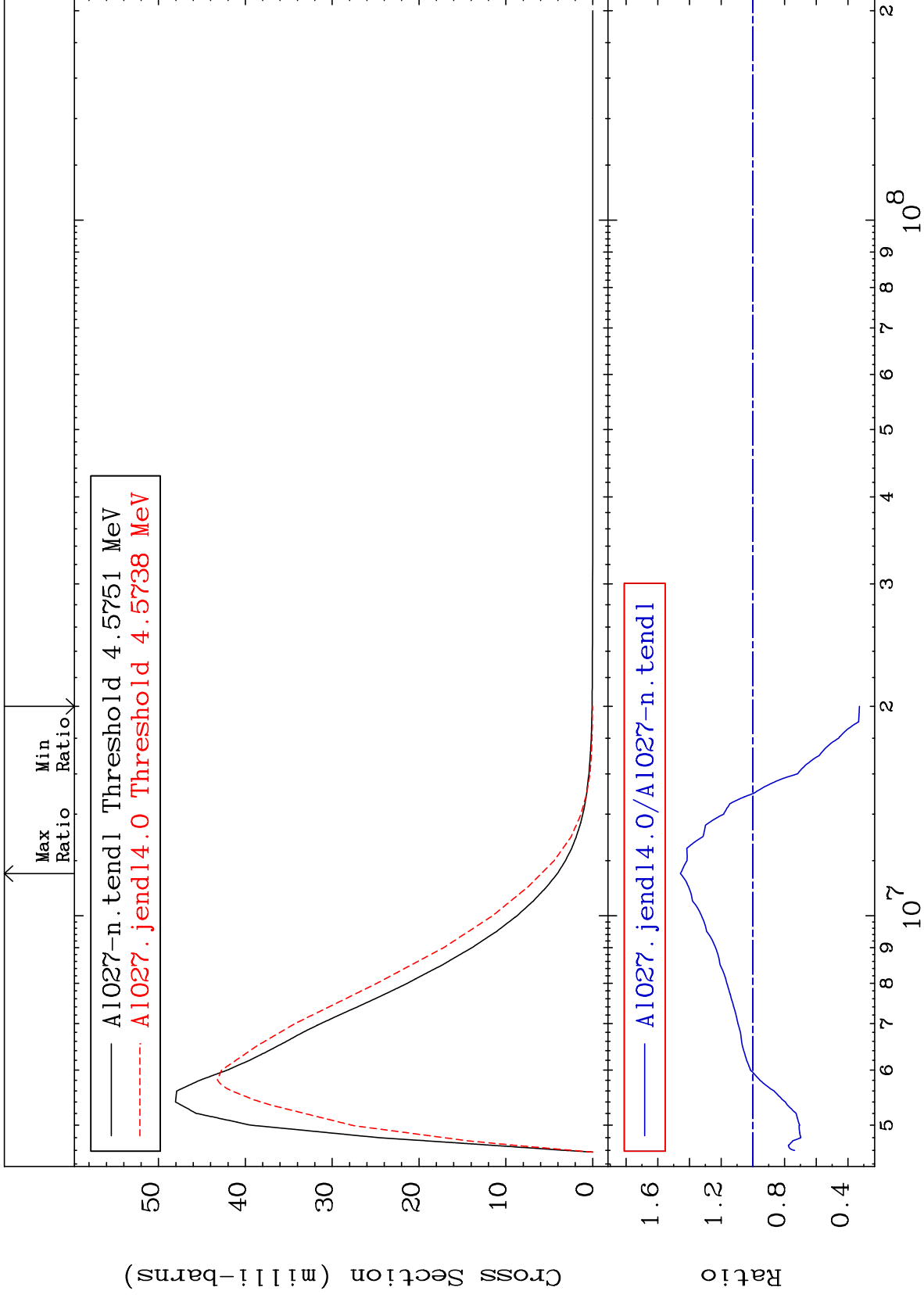


14

Incident Energy (eV)

13-Al-27

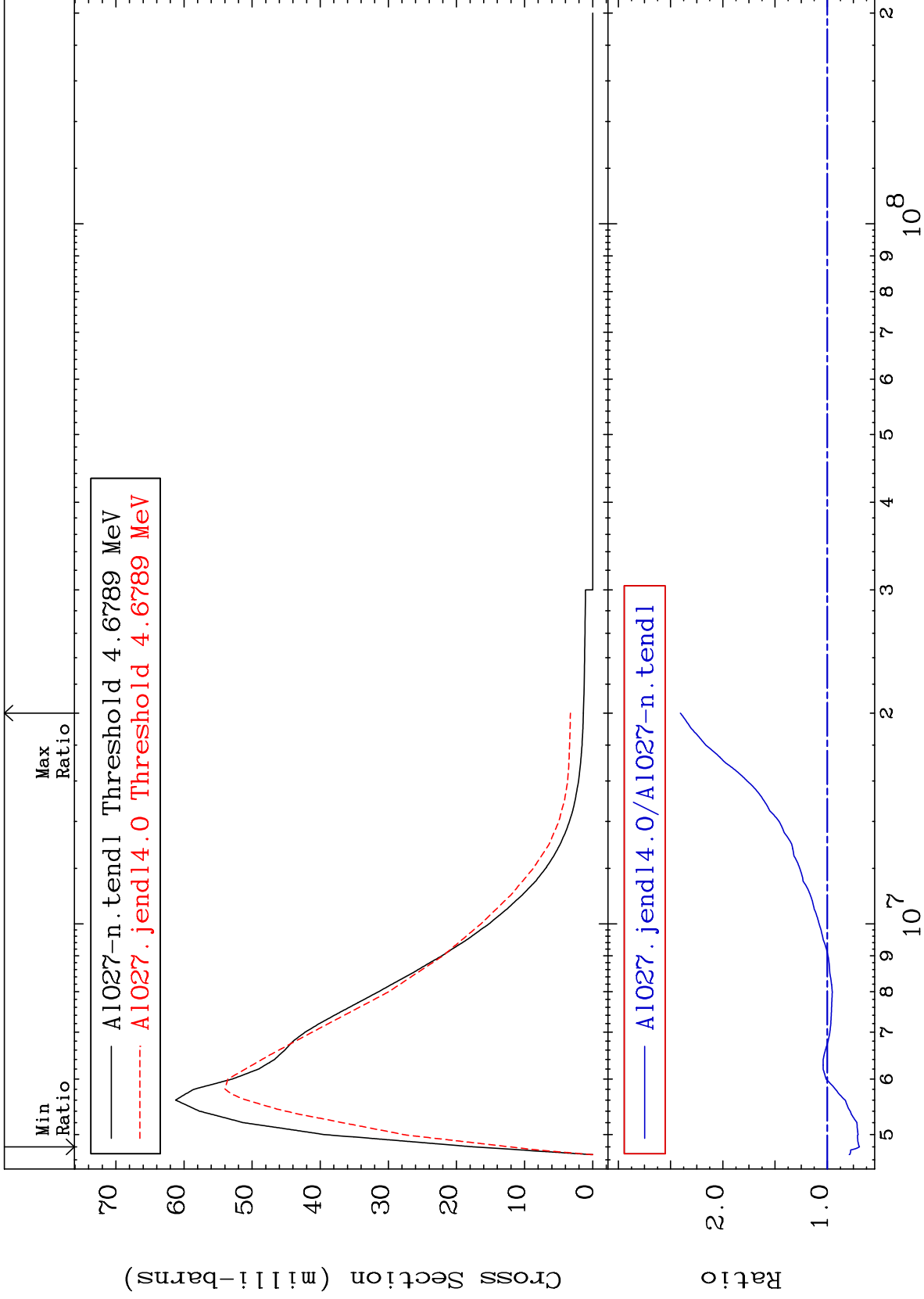




MAT 1325

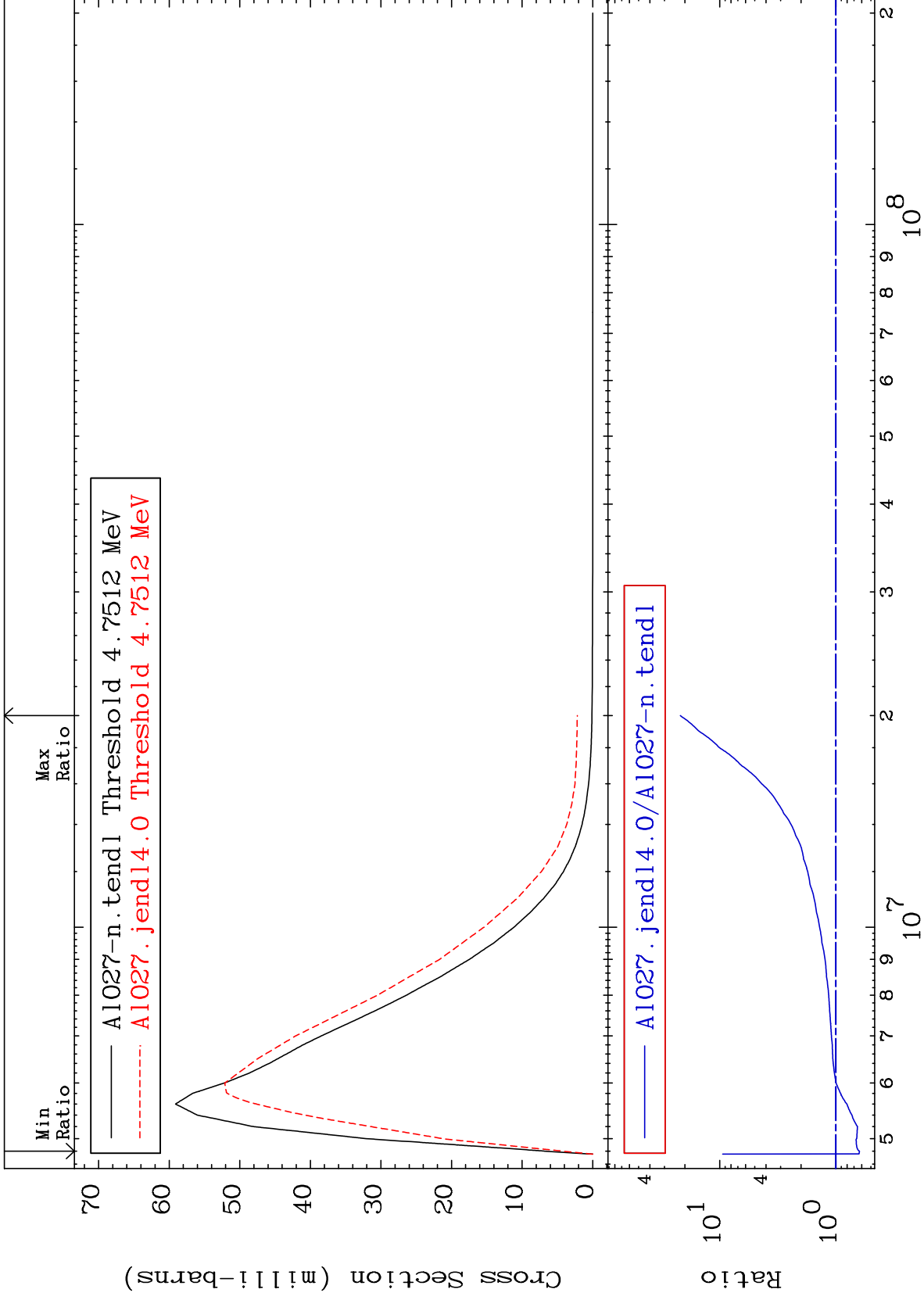
4.510 MeV (n,n') Level
Cross Section

13-Al-27
-30.75 To 140.7 %



17

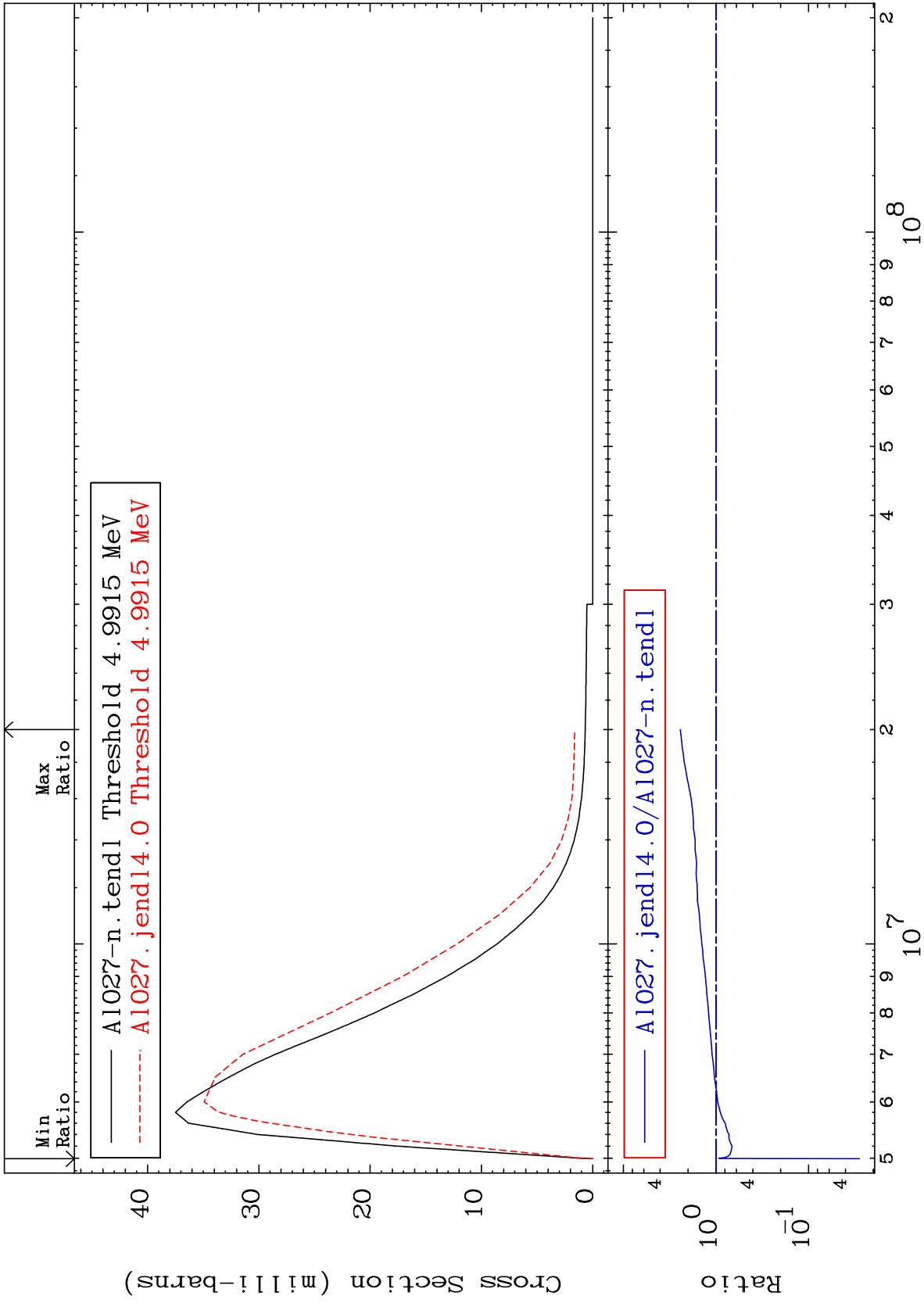
13-Al-27



MAT 1325

4.812 MeV (n,n') Level
Cross Section

13-Al-27
-97.17 To 142.2 %



19

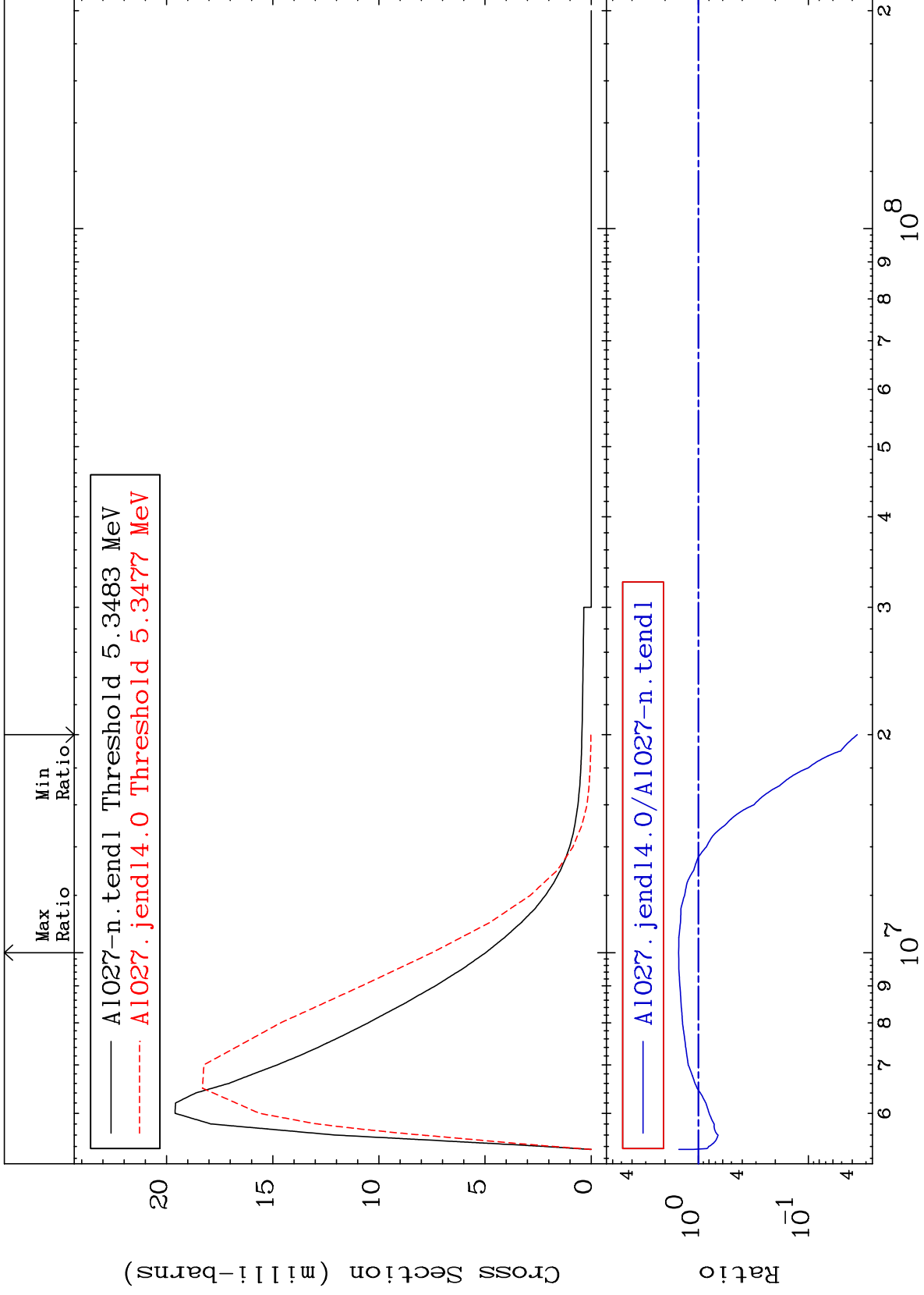
13-Al-27

13-Al-27

MAT 1325

5.156 MeV (n,n') Level
Cross Section

13-Al-27
-96.39 To 50.92 %



20

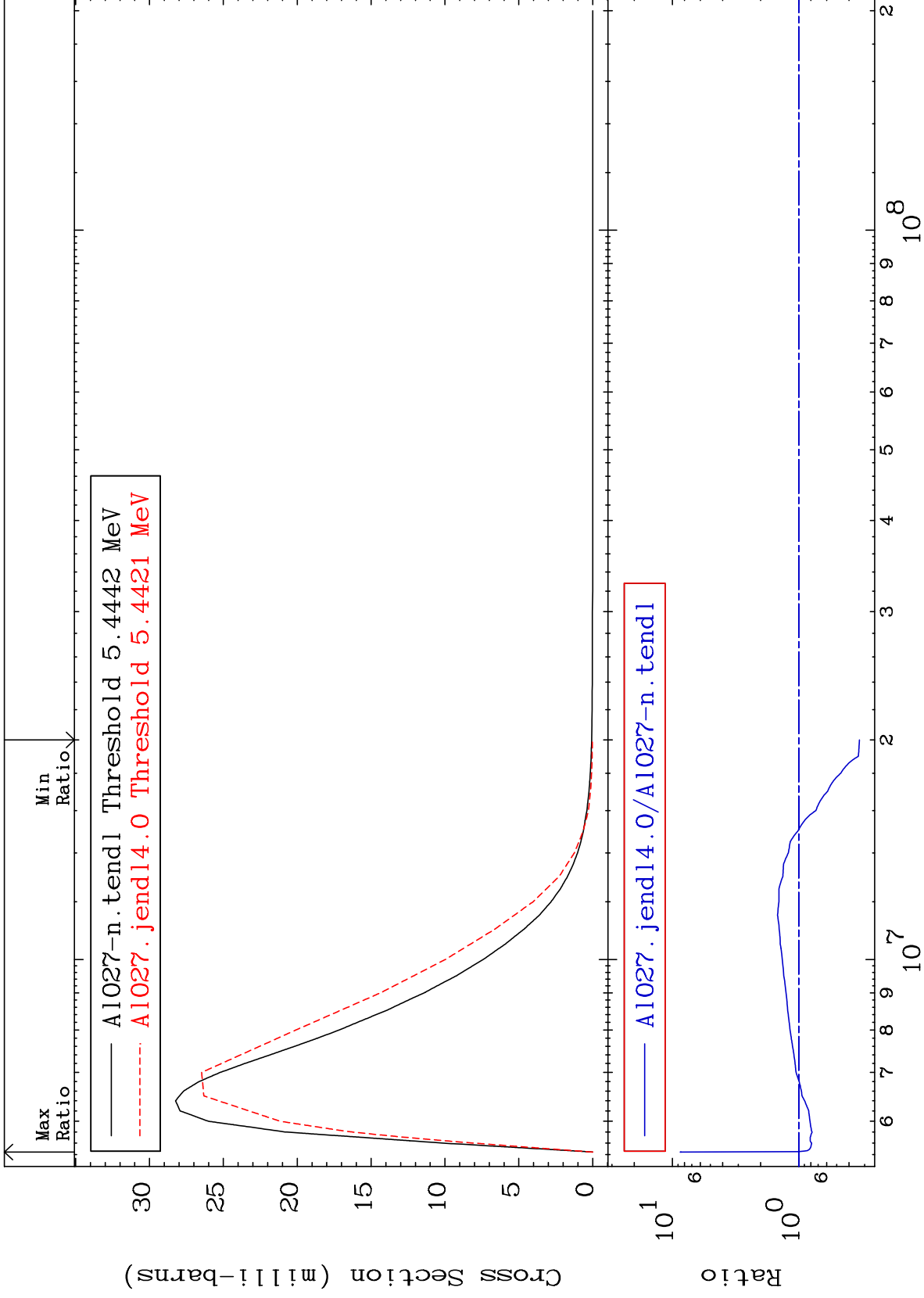
Incident Energy (eV)

13-Al-27

MAT 1325

5.248 MeV (n,n') Level
Cross Section

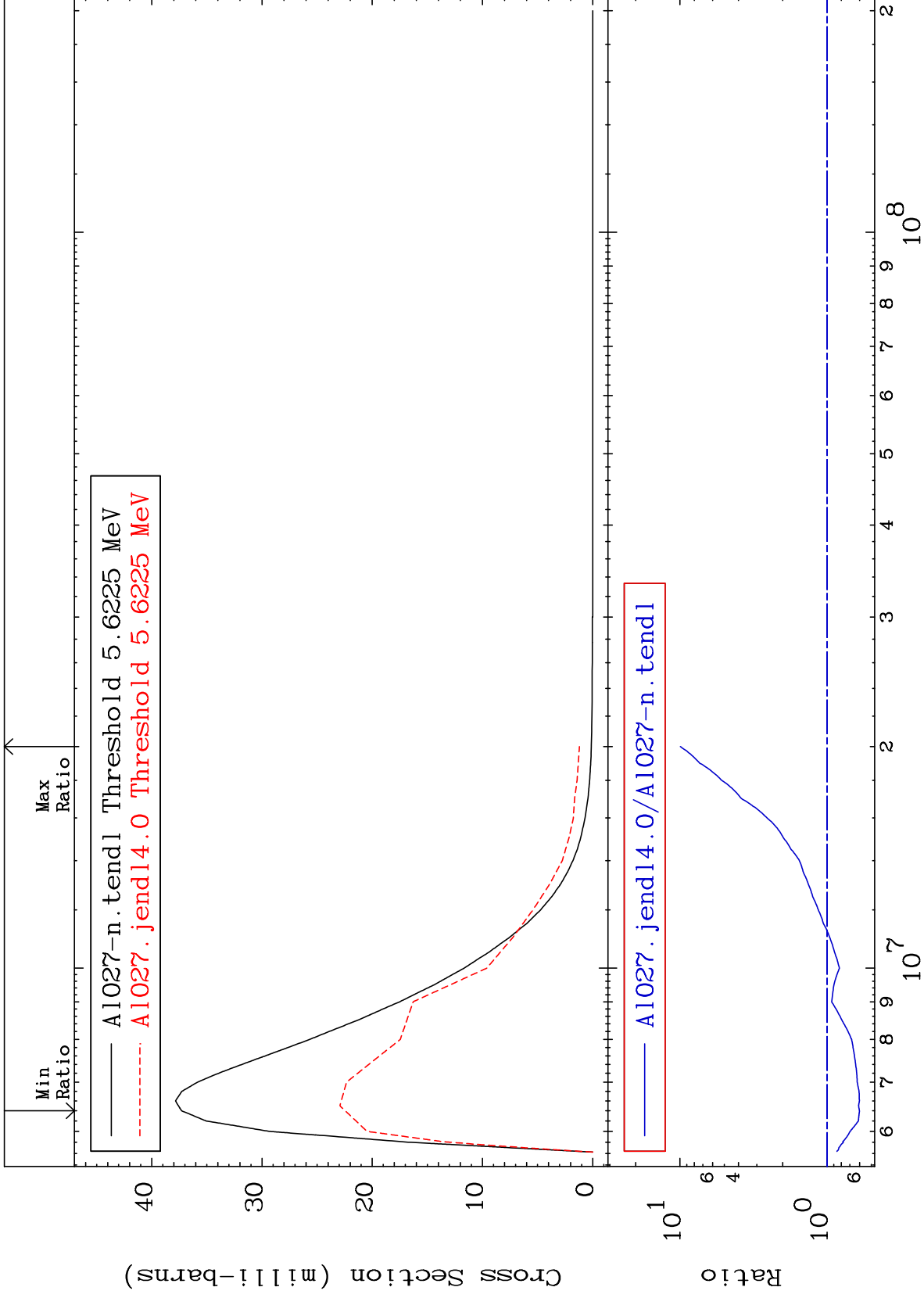
13-Al-27
-66.95 To 763.5 %



MAT 1325

5.420 MeV (n,n') Level
Cross Section

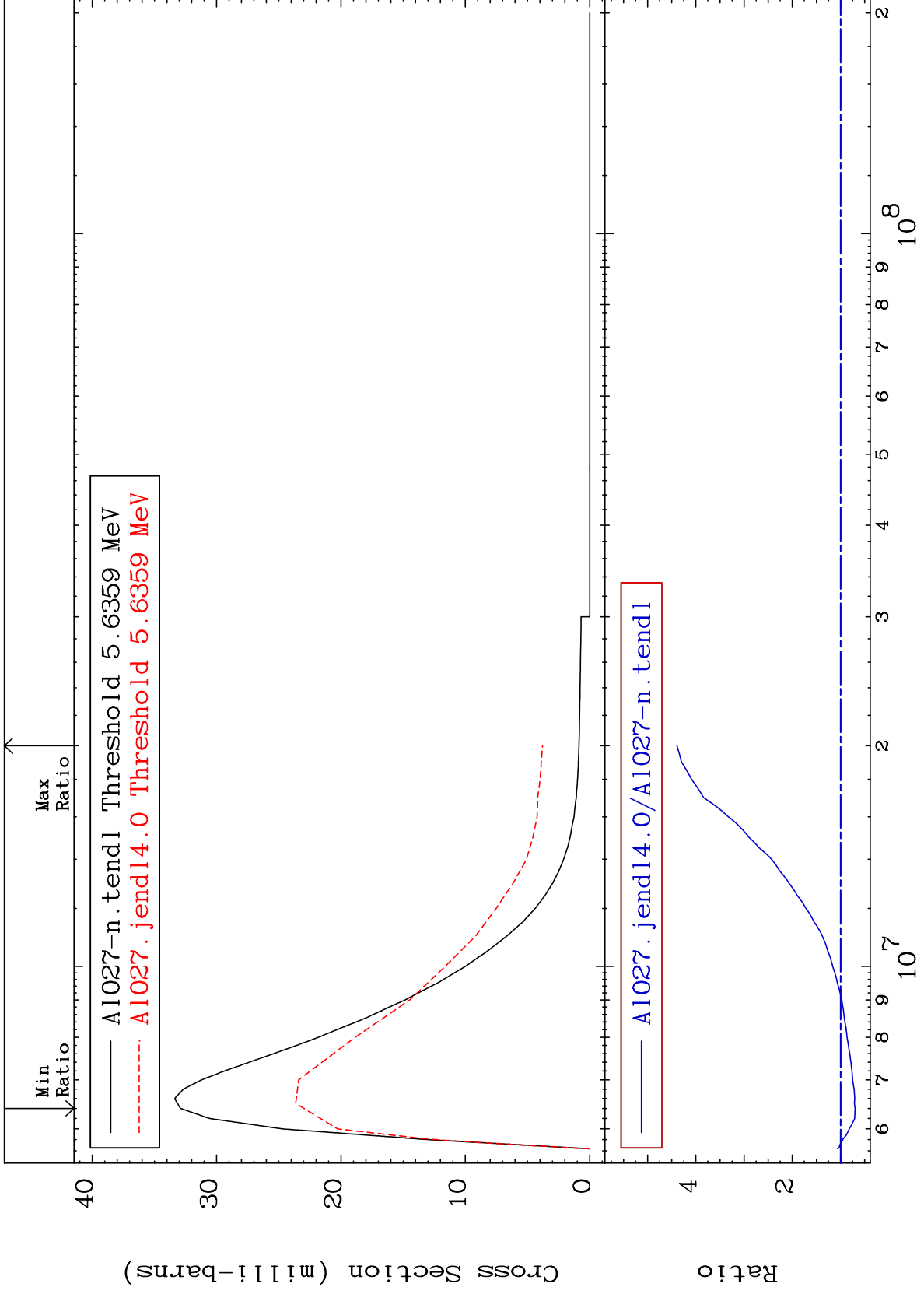
13-Al-27
-39.81 To 894.2 %

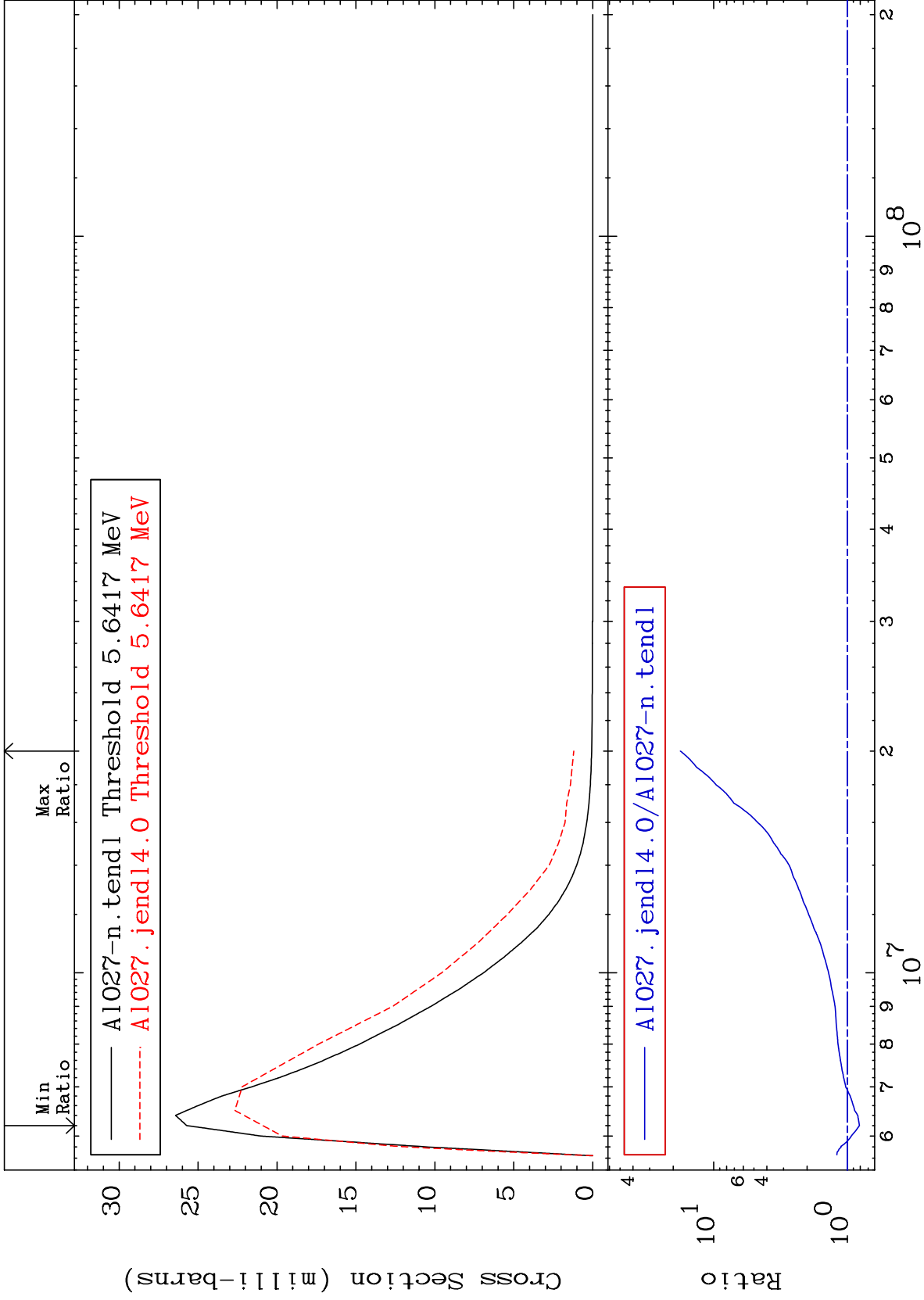


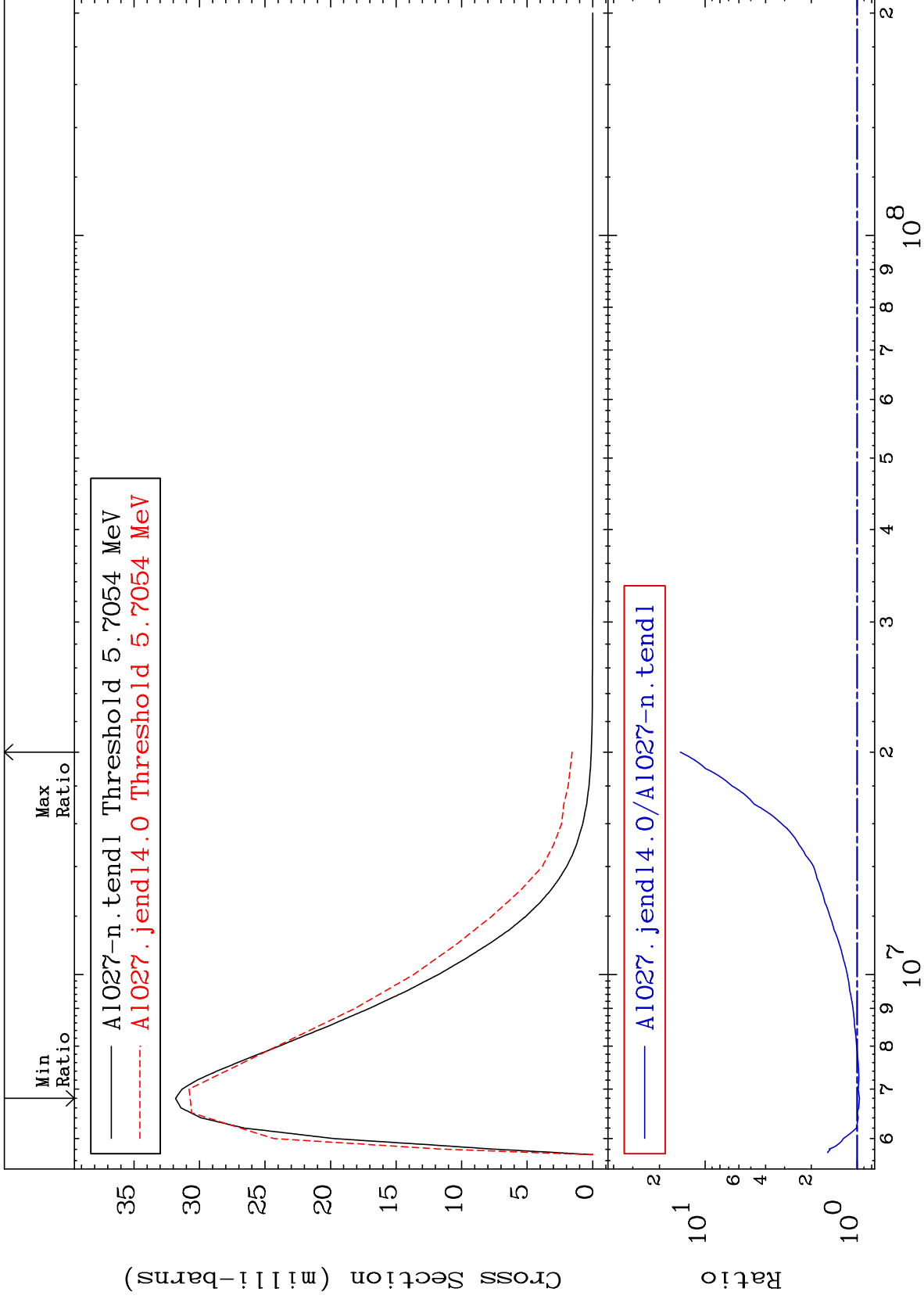
MAT 1325

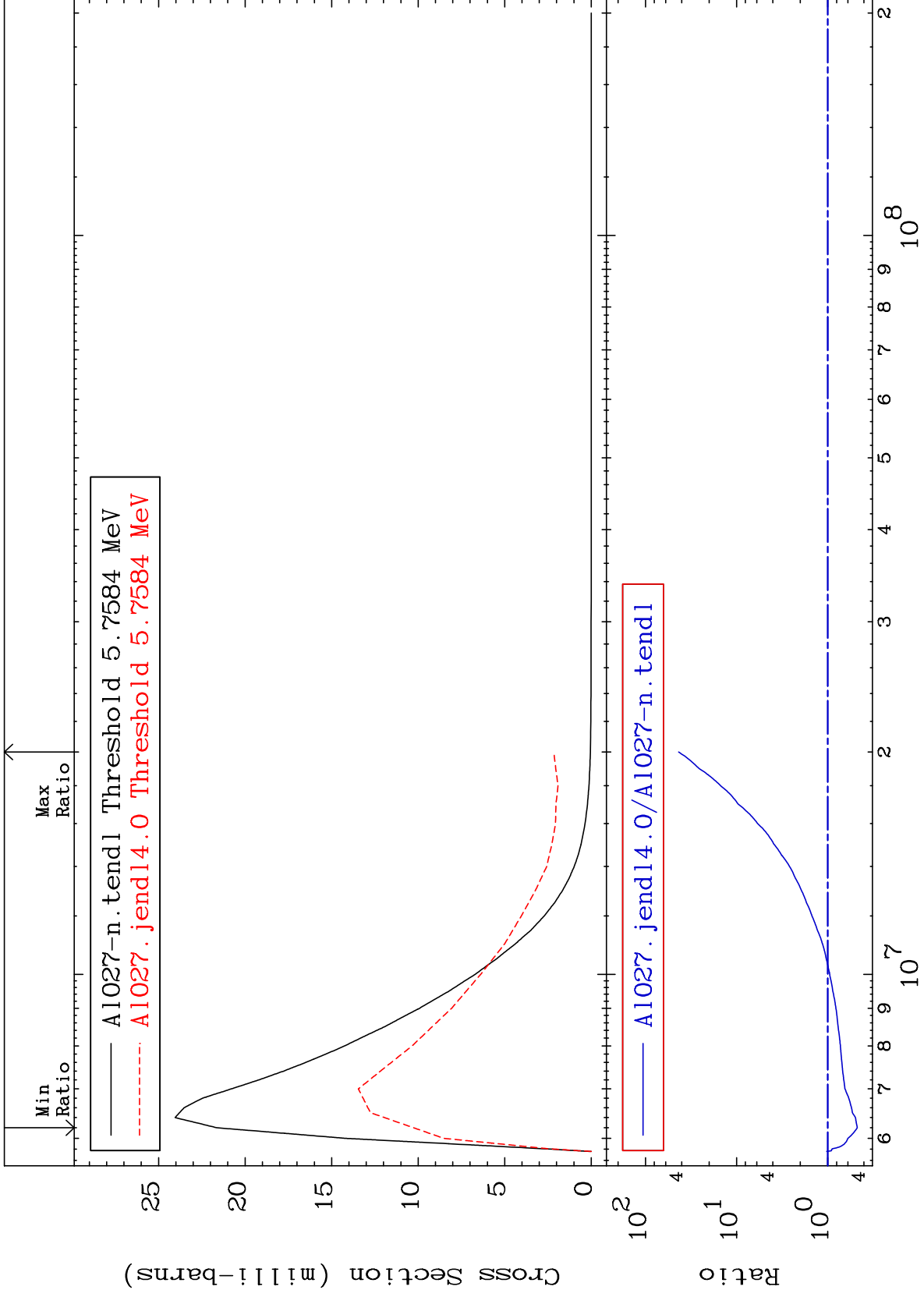
5.433 MeV (n,n') Level
Cross Section

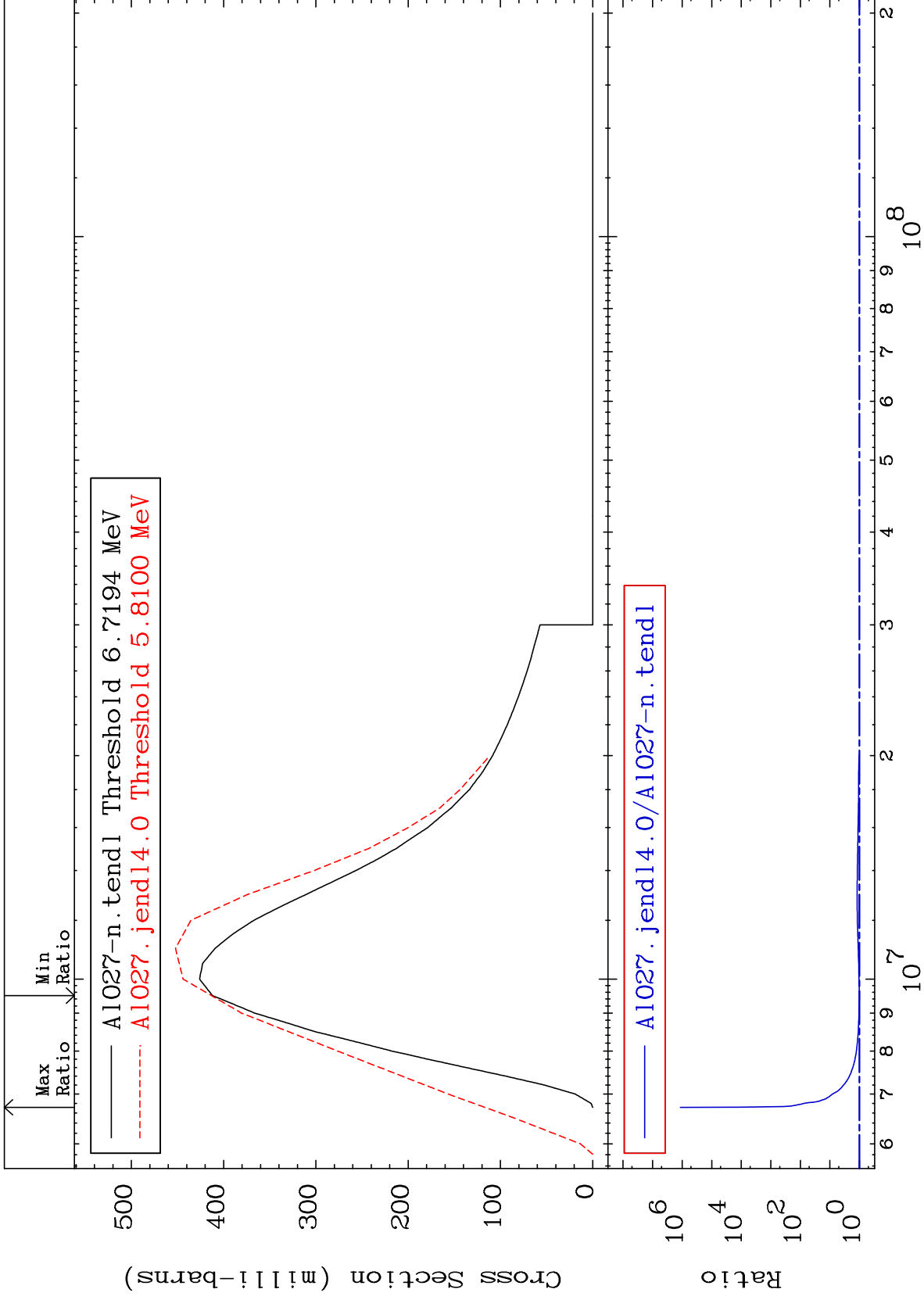
13-Al-27
-30.16 To 339.2 %











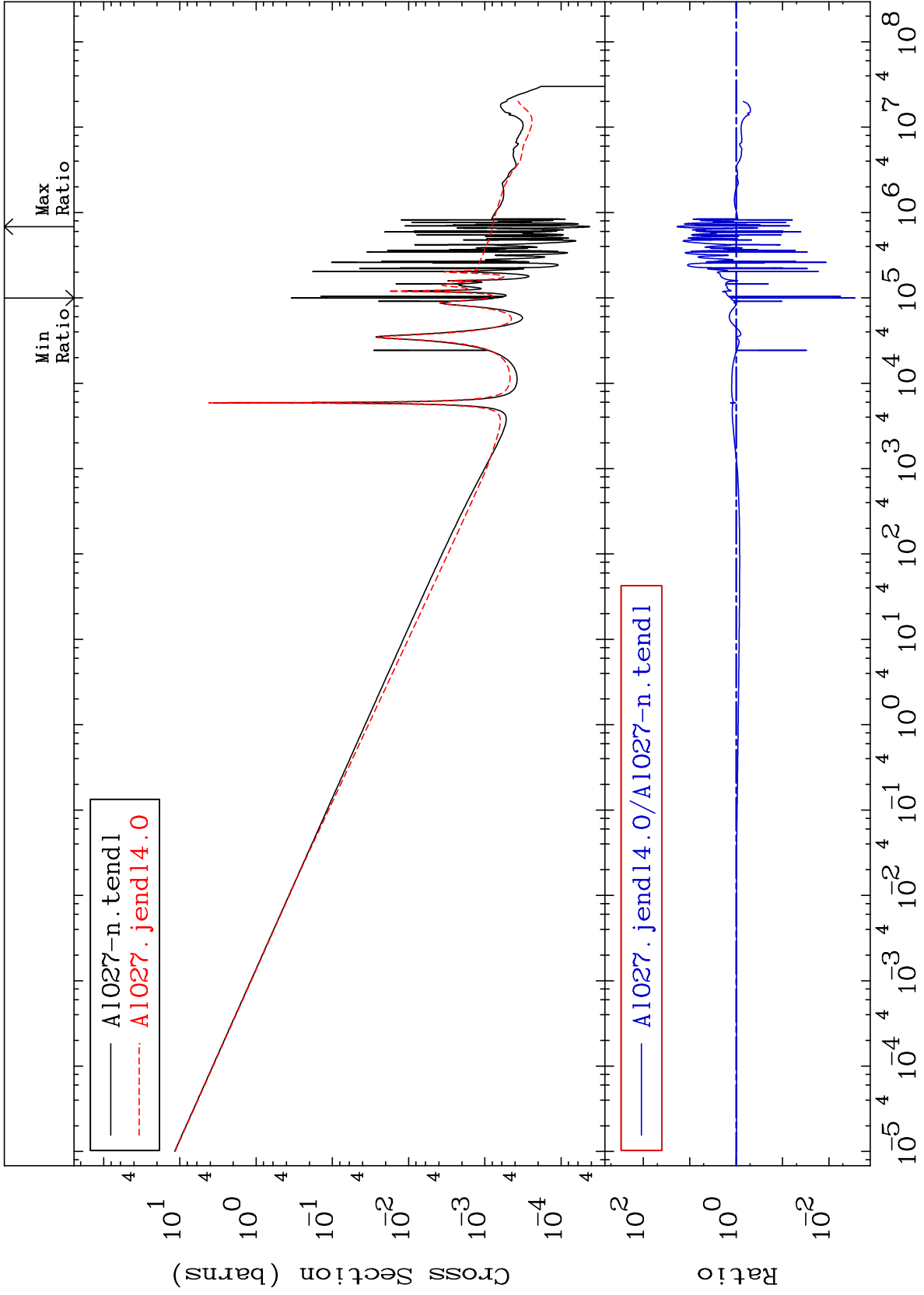
MAT 1325

(n, γ)

Cross Section

13-Al-27

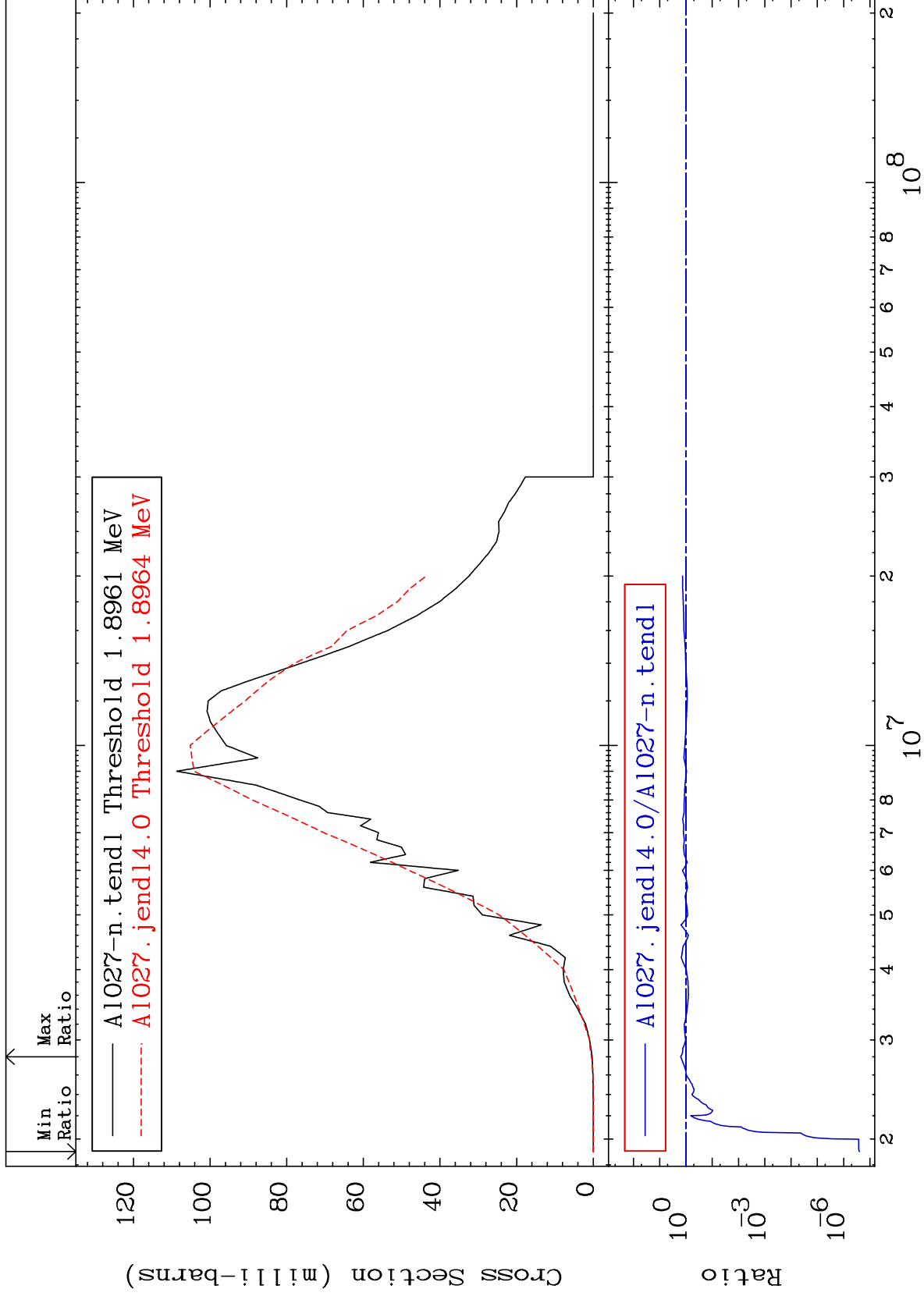
-99.73 To 1790. %

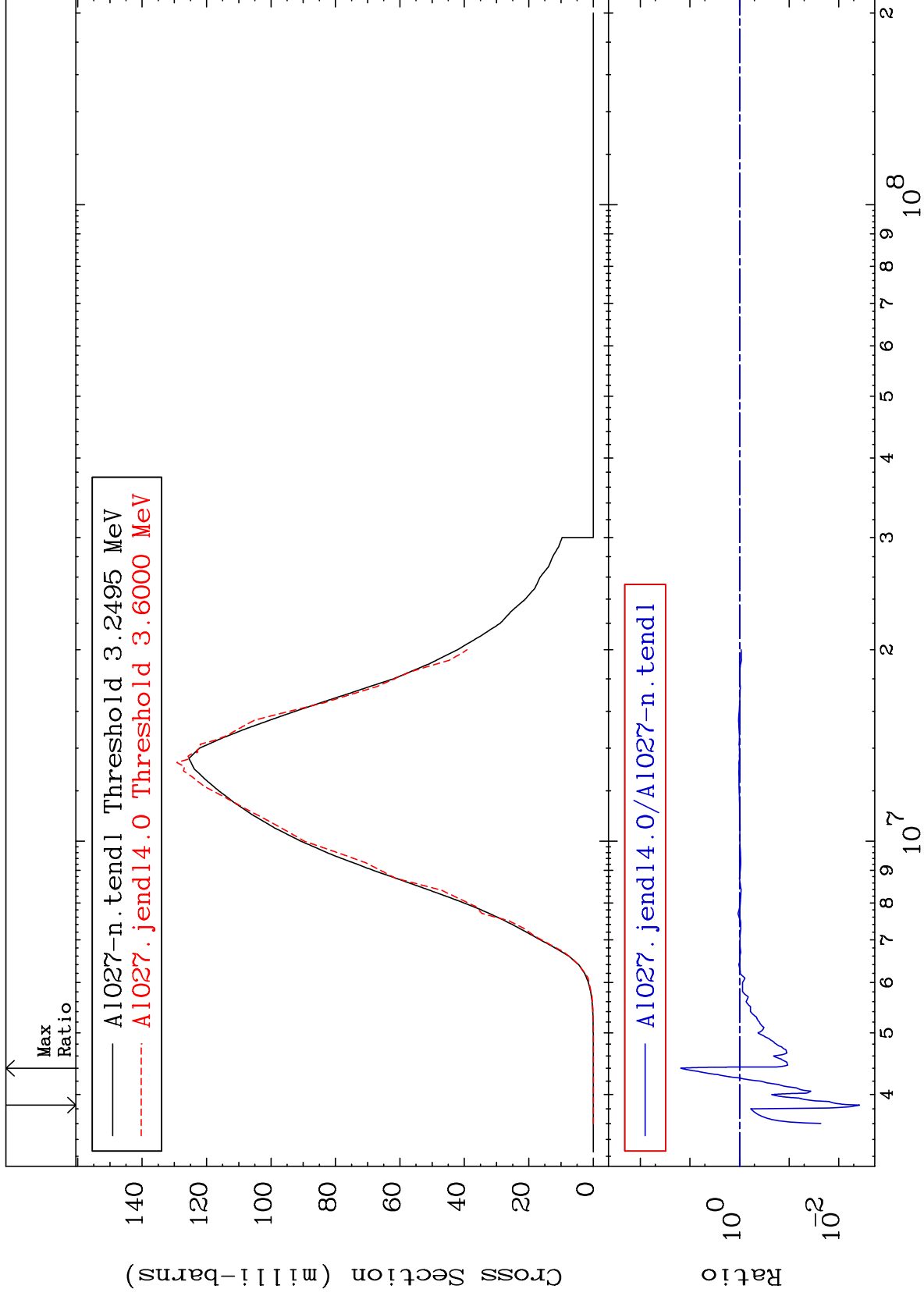


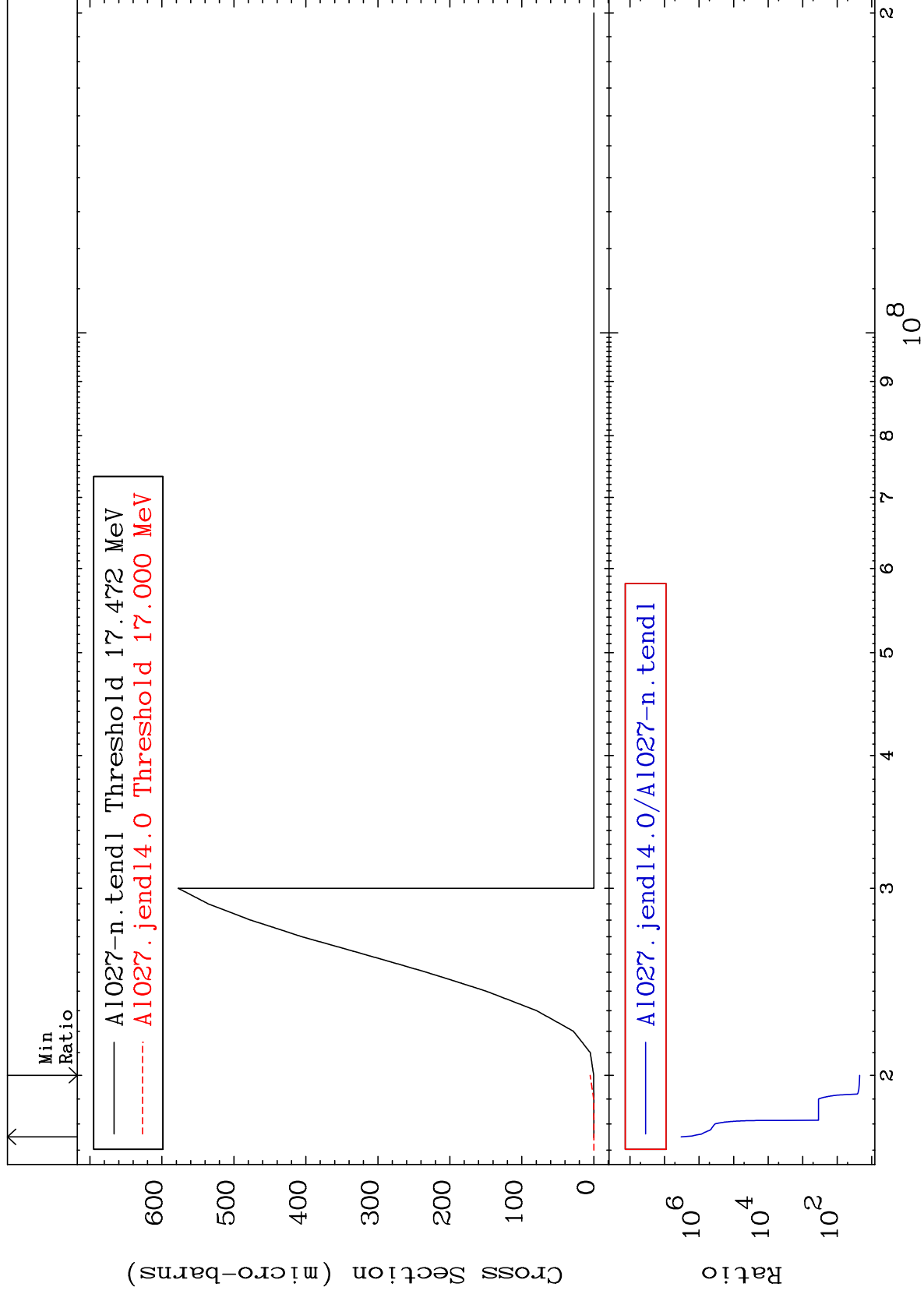
MAT 1325

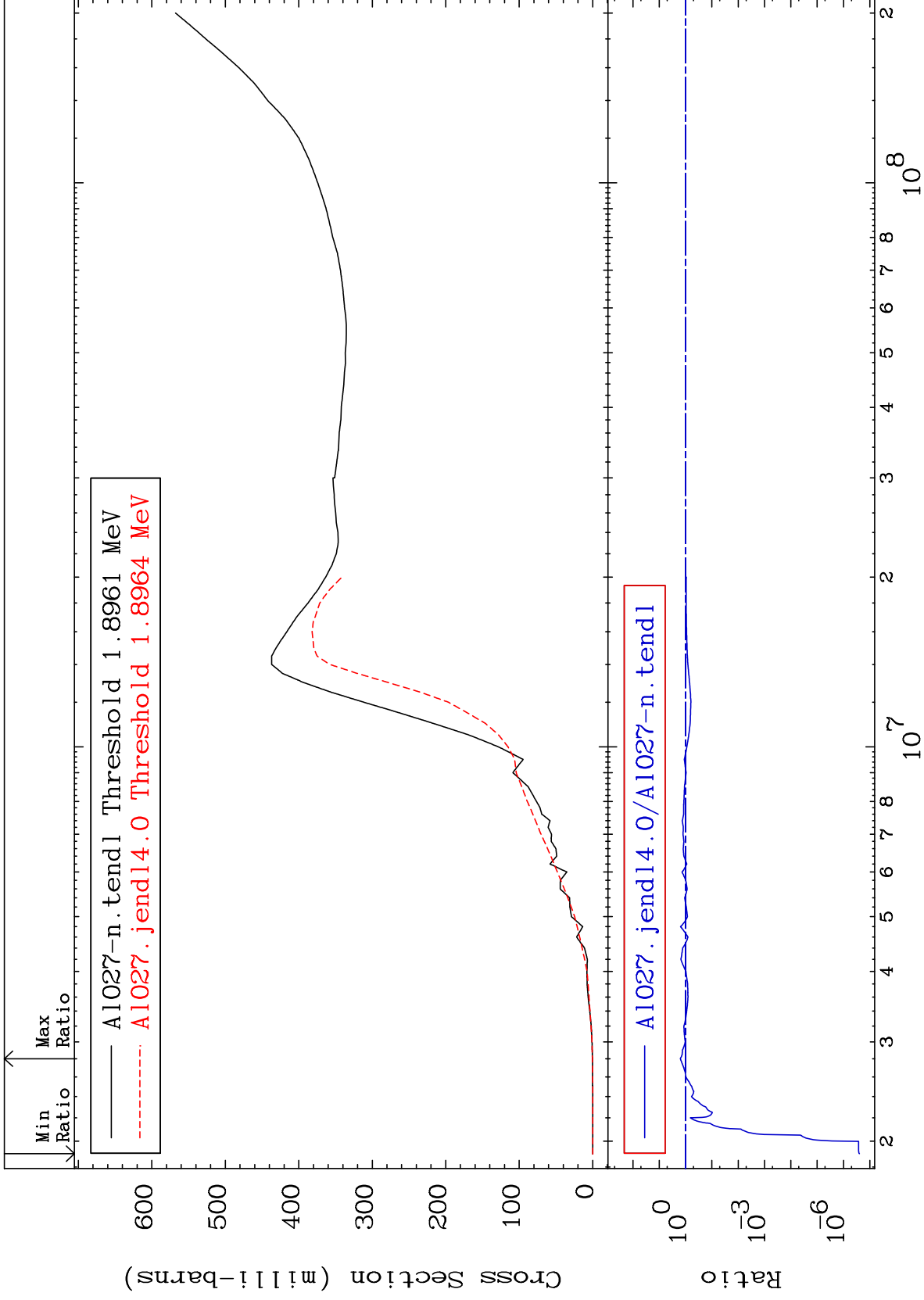
(n,p)
Cross Section

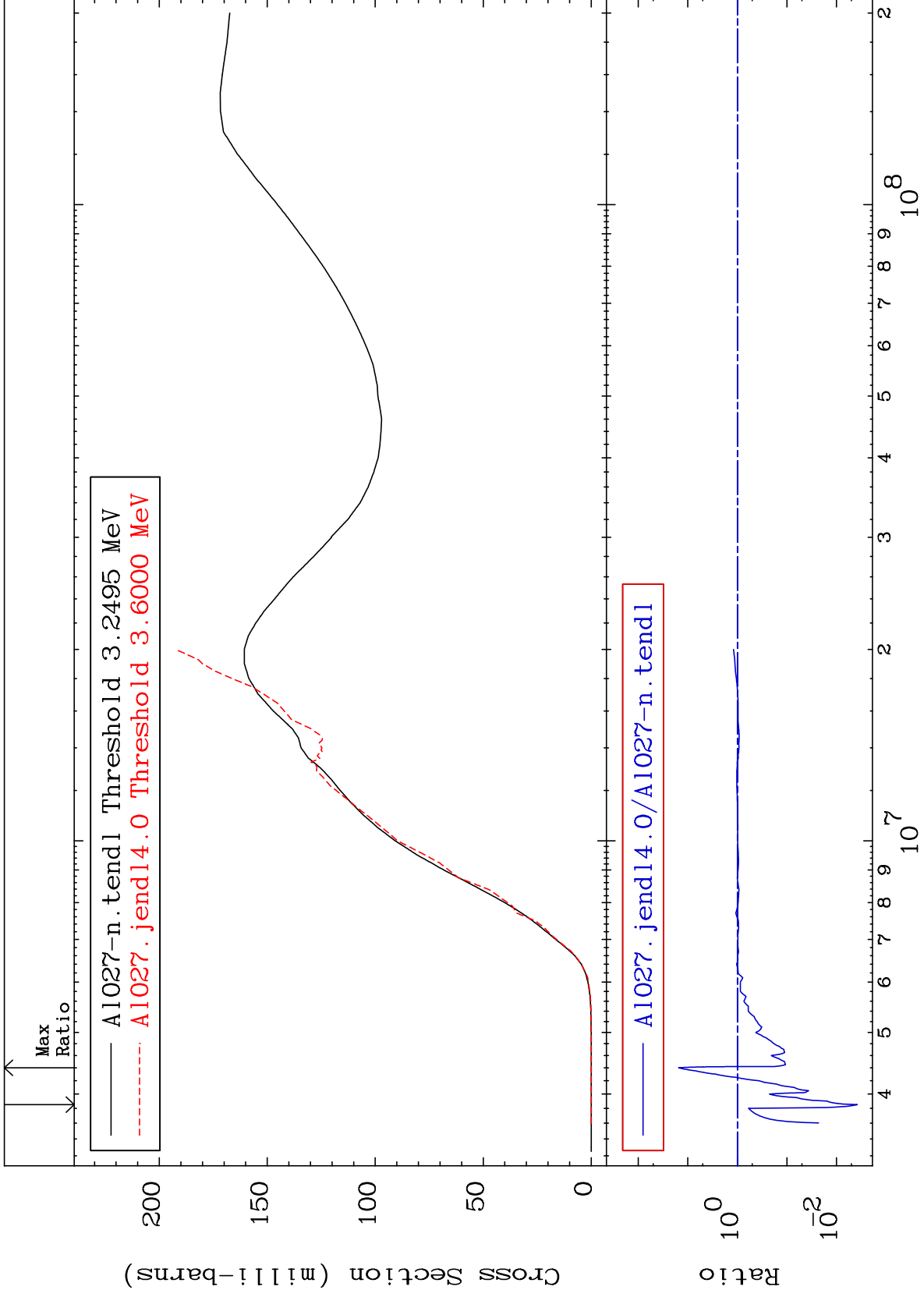
13-Al-27
-100.0 To 57.85 %

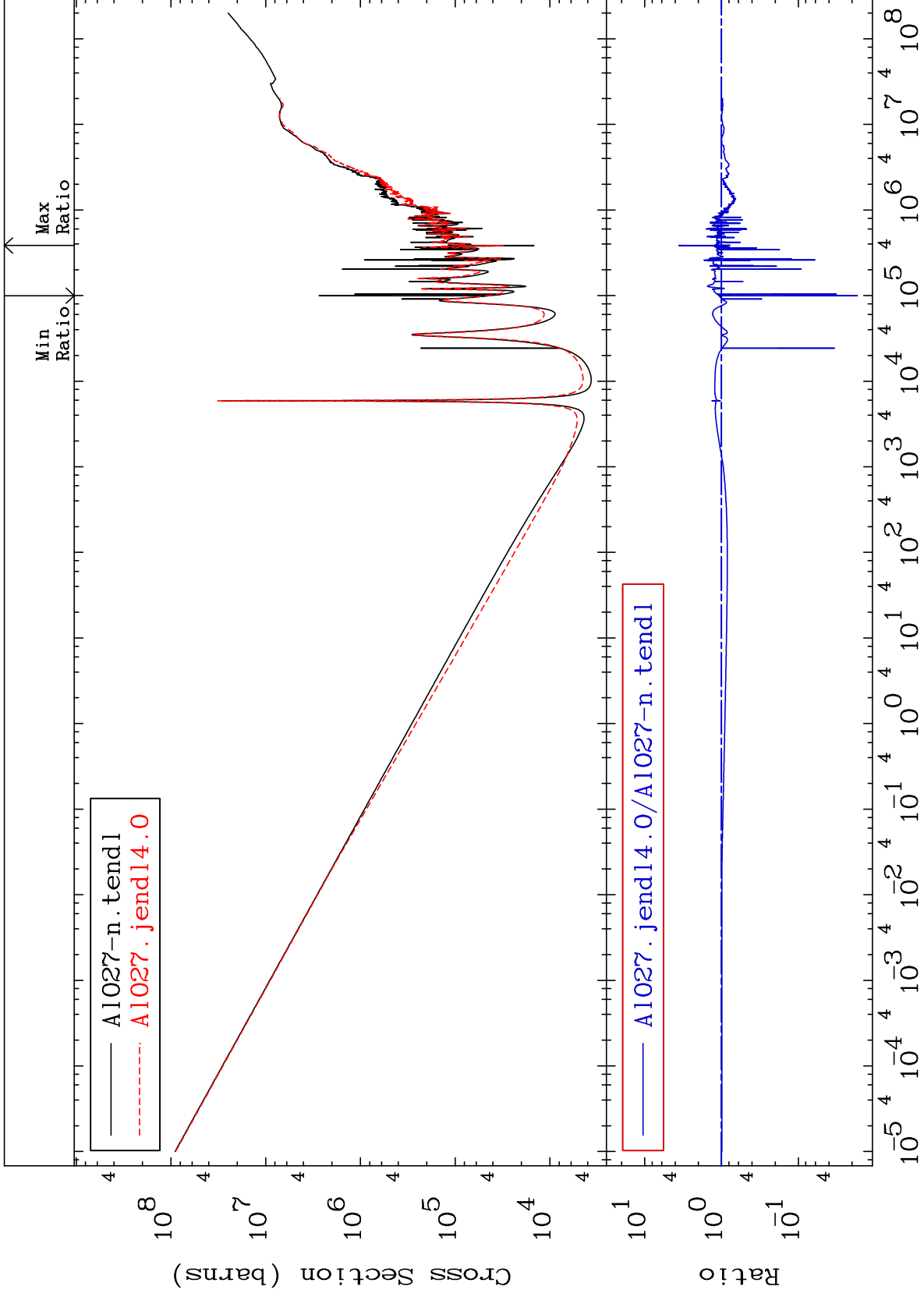








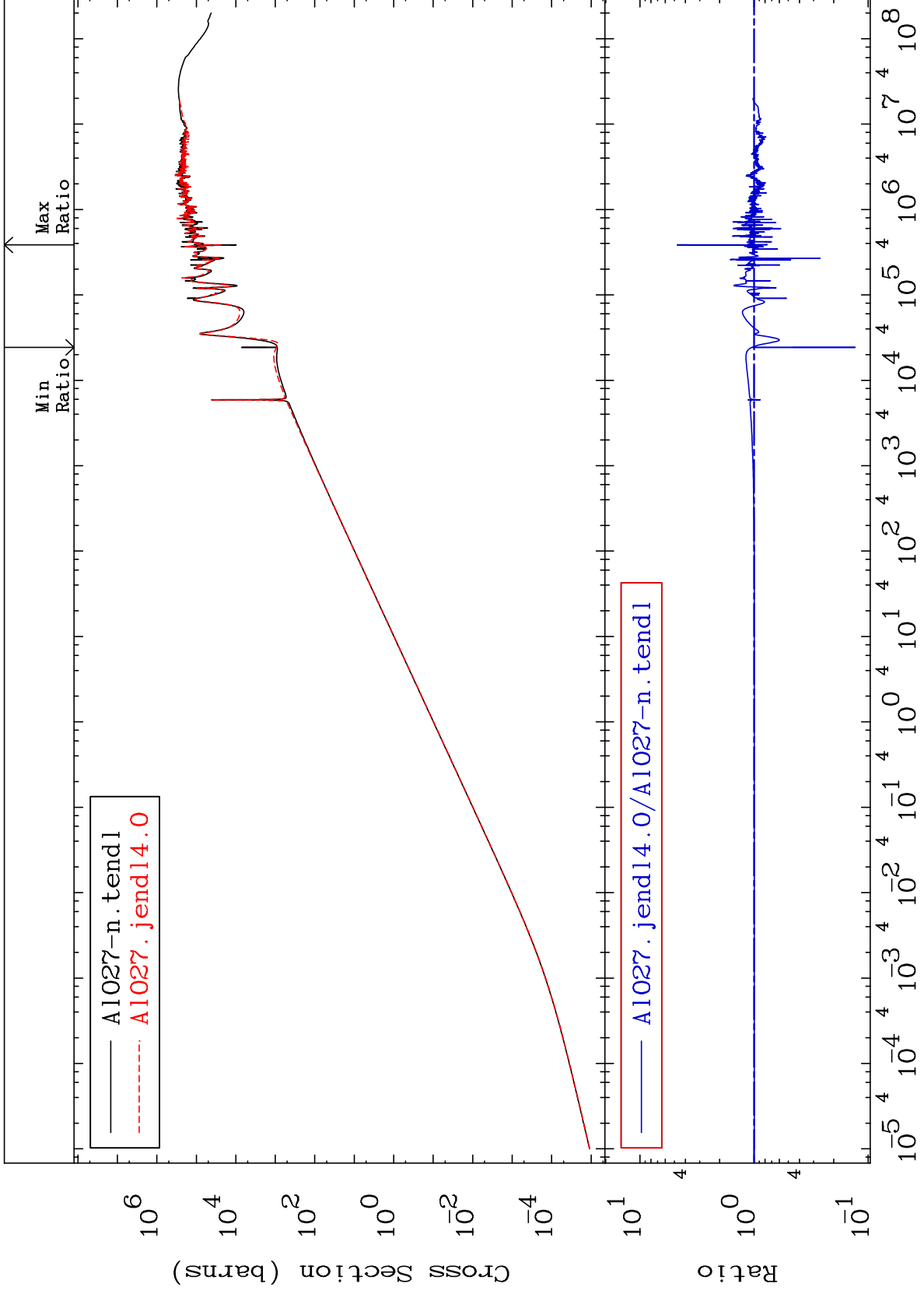




MAT 1325

Kerma elastic
Cross Section

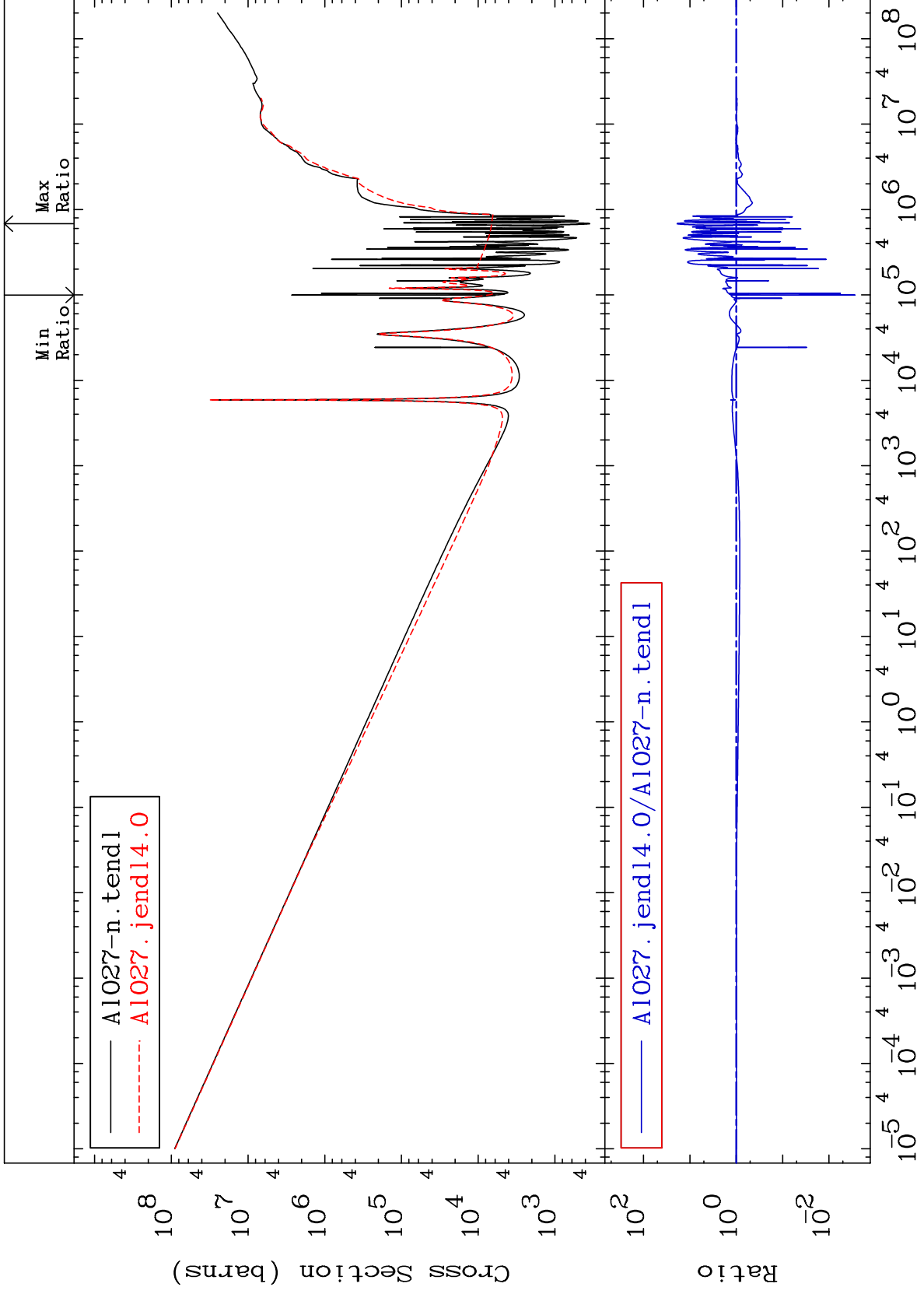
13-Al-27
-87.01 To 374.2 %

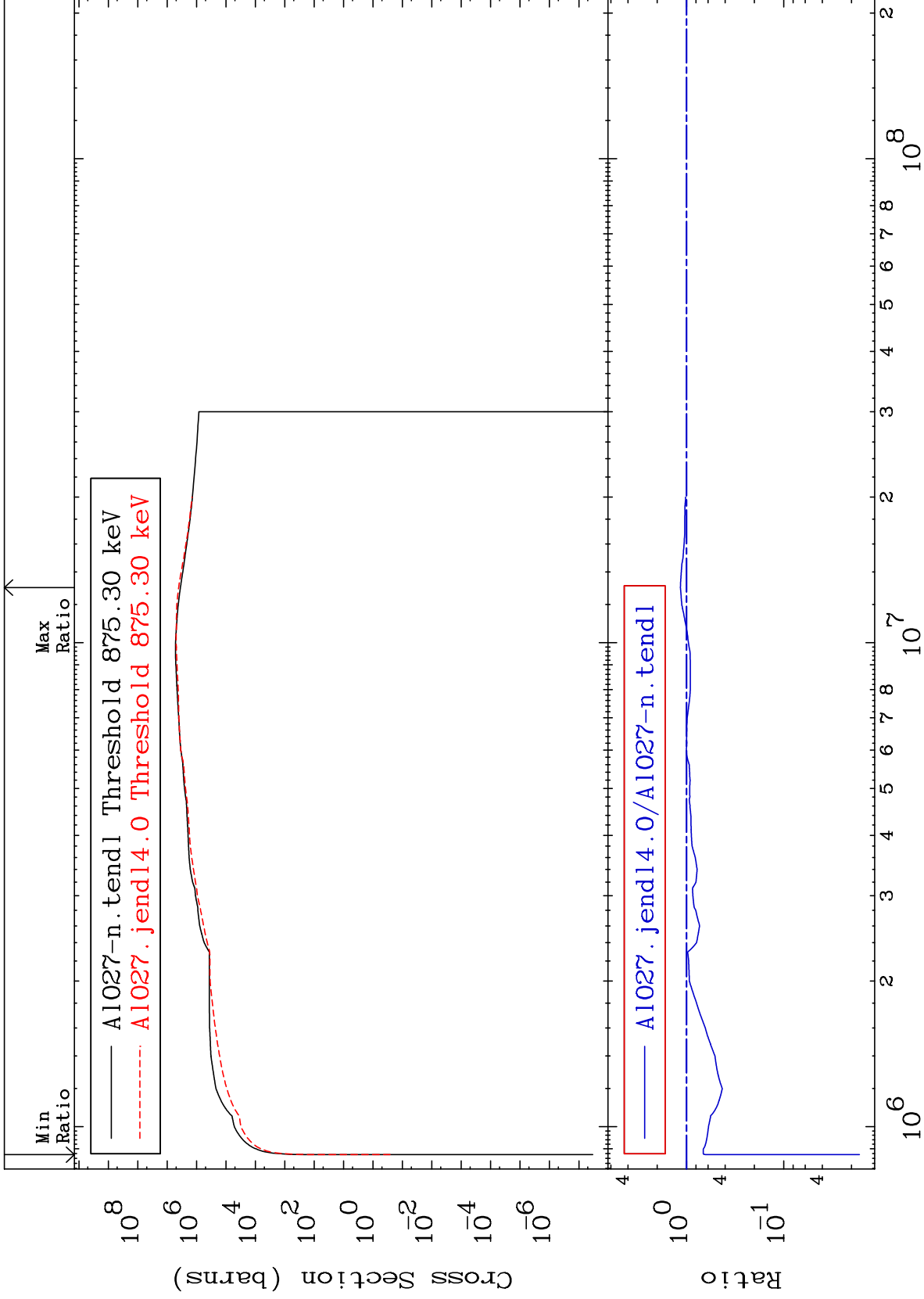


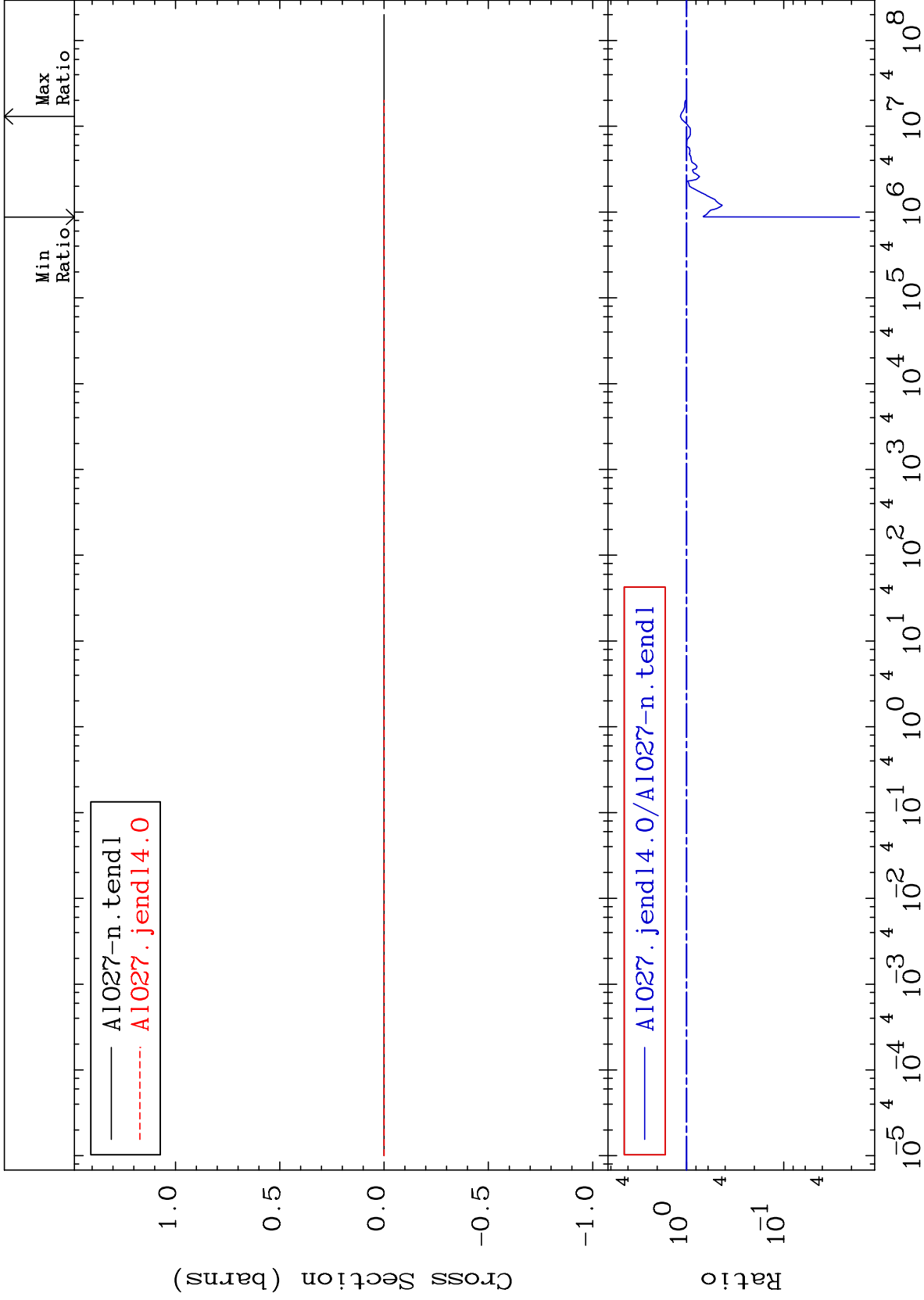
35

Incident Energy (eV)

13-Al-27



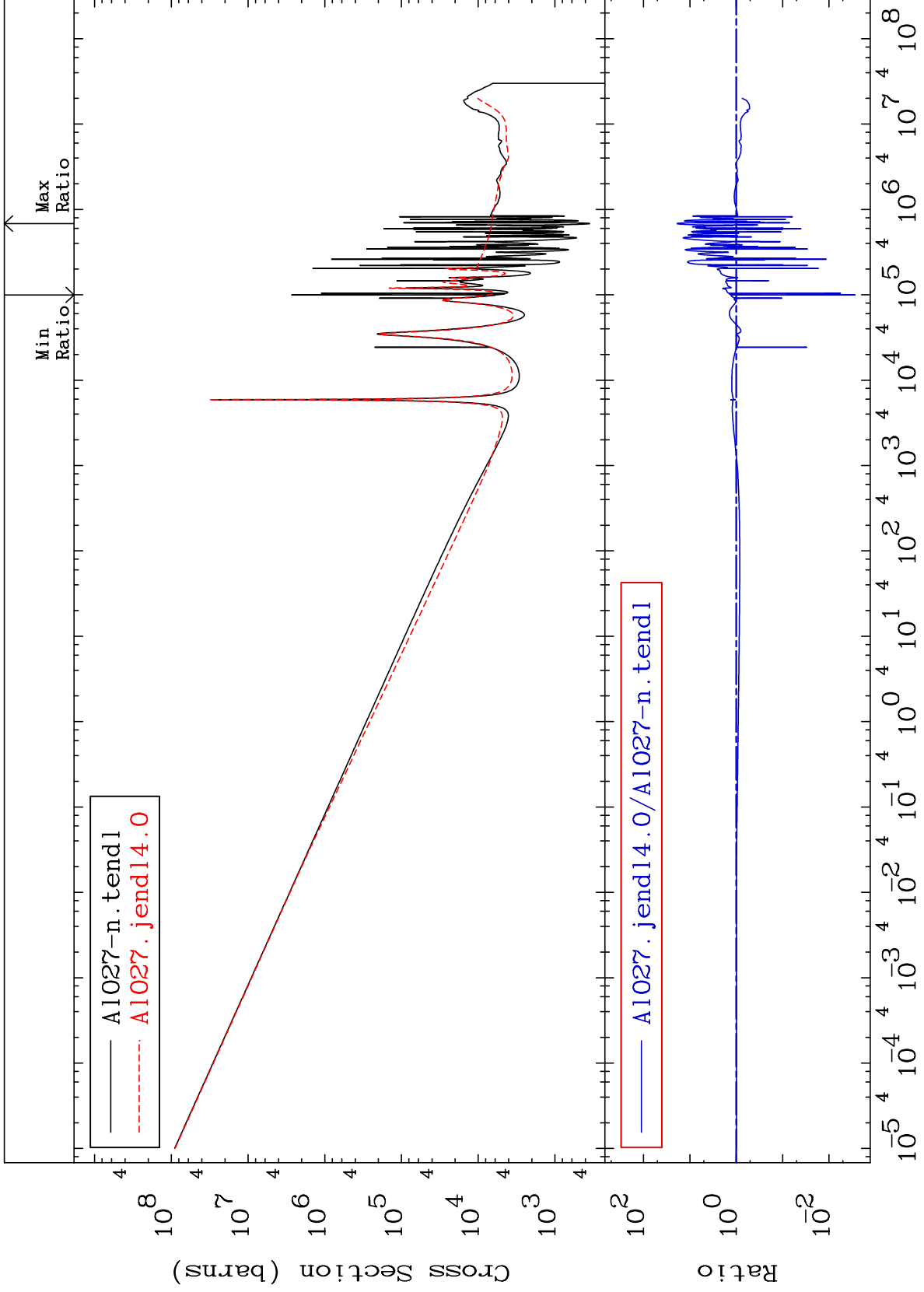




MAT 1325

Kerma capture (mt102)
Cross Section

13-Al-27
-99.73 To 1800. %



39

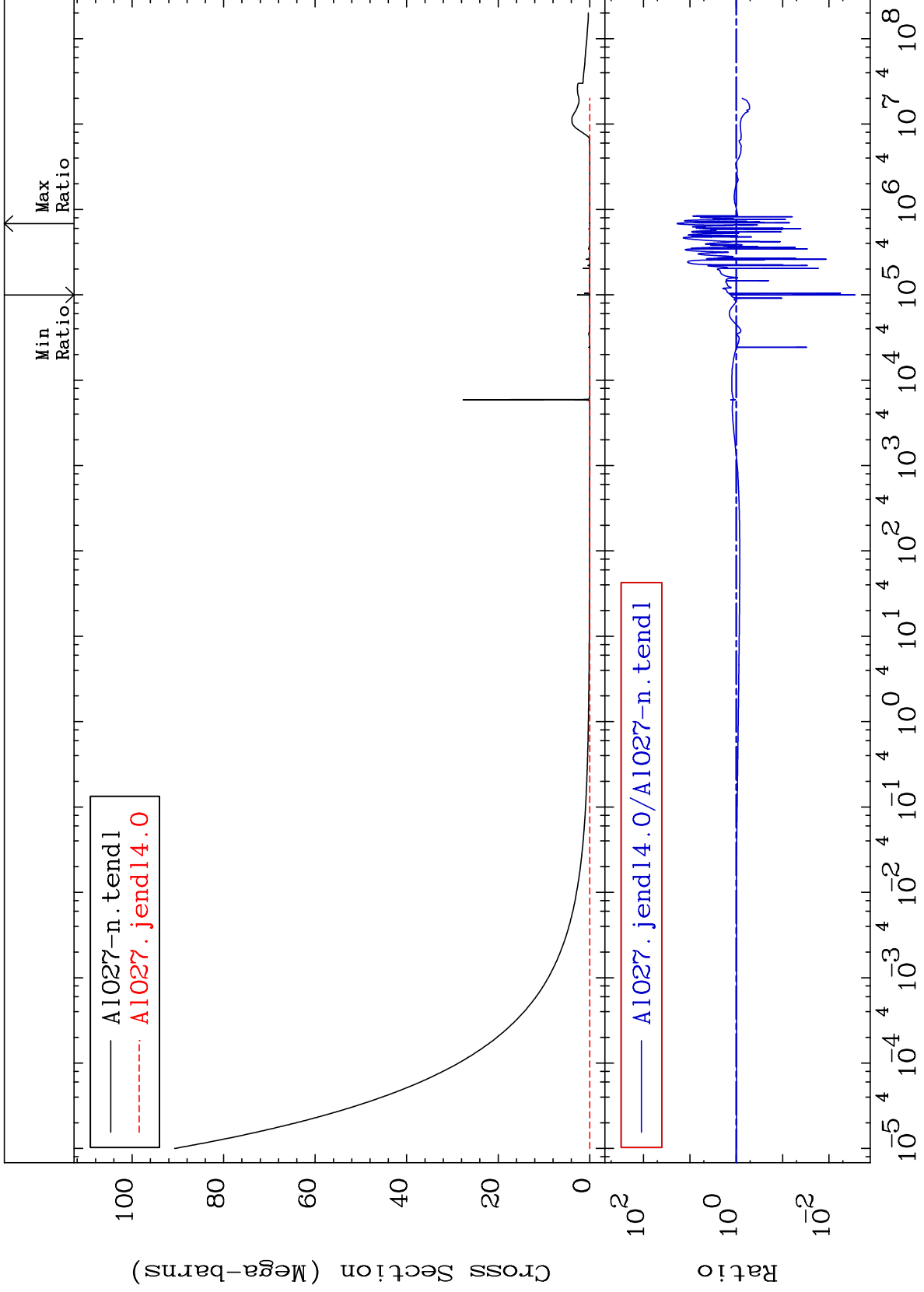
Incident Energy (eV)

13-Al-27

MAT 1325

Total photon (eV-barns)
Cross Section

13-Al-27
-99.73 To 1800. %



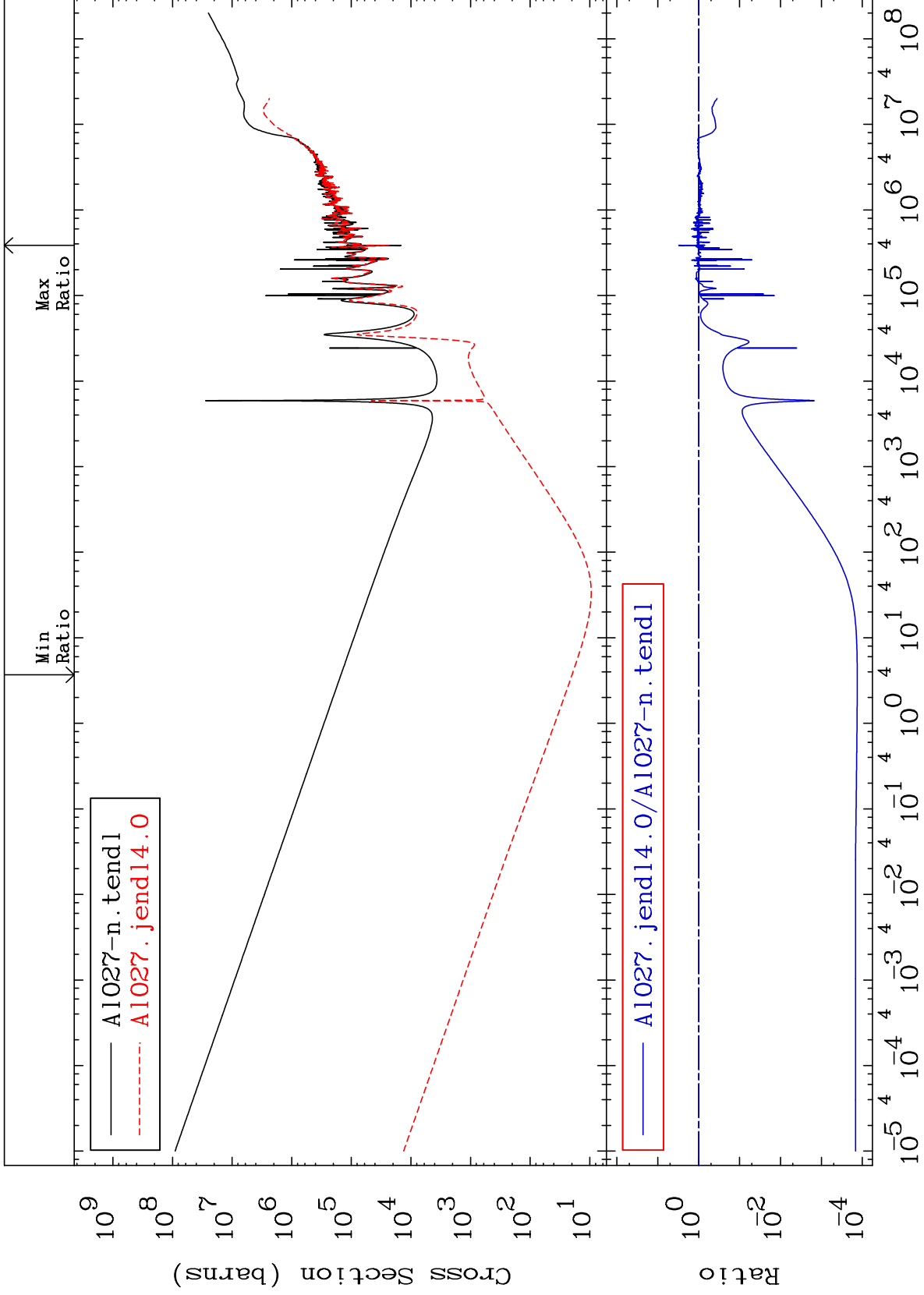
Incident Energy (eV)

13-Al-27

MAT 1325

Total kinematic kerma (high limit)
Cross Section

13-Al-27
-99.99 To 209.3 %



MAT 1325

Dpa total (eV-barns)
Cross Section

13-Al-27
-86.99 To 644.4 %

