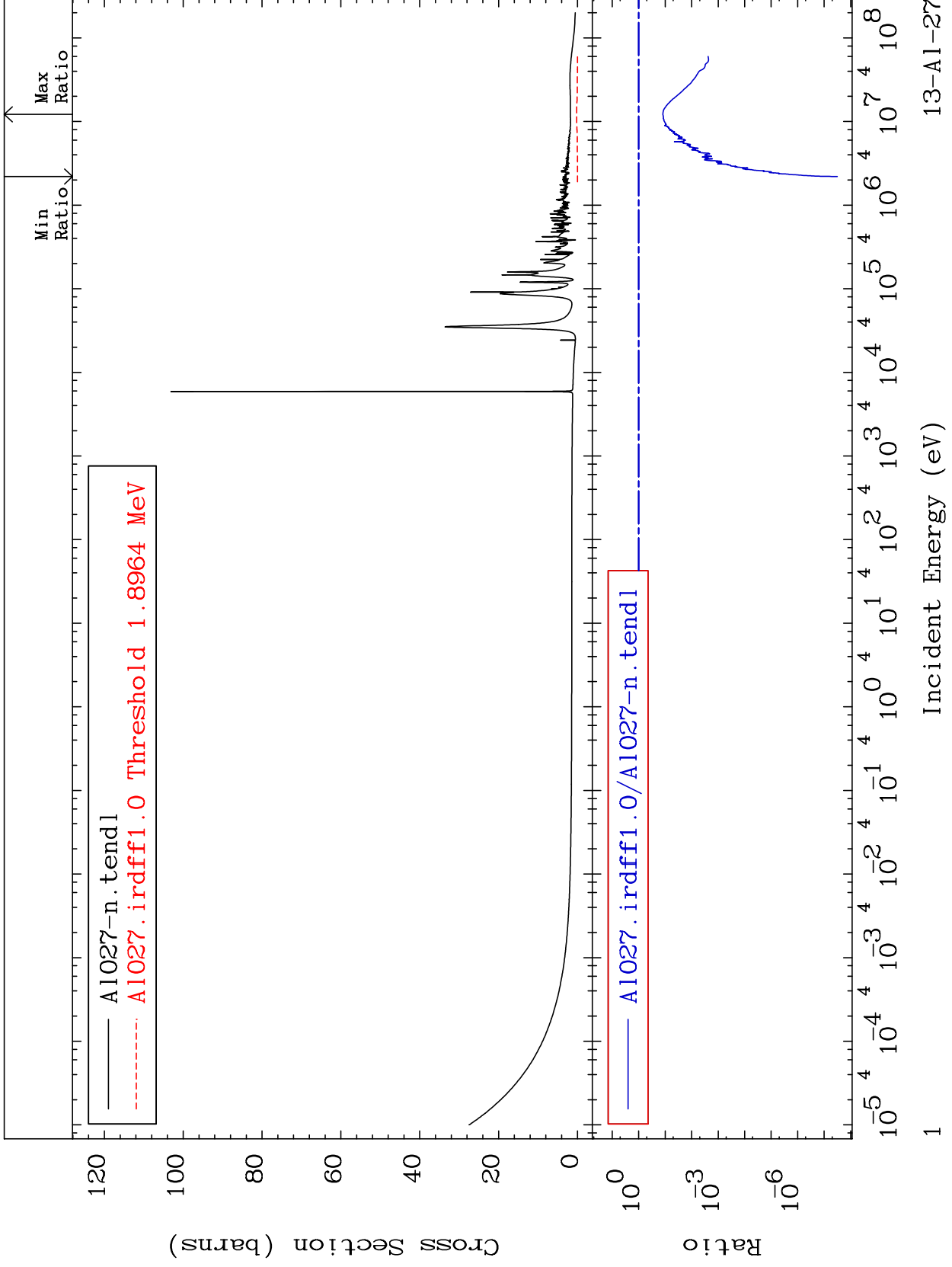


MAT 1325

Total
Cross Section

13-Al-27
-100.0 To -87.72%



Incident Energy (eV)

13-Al-27

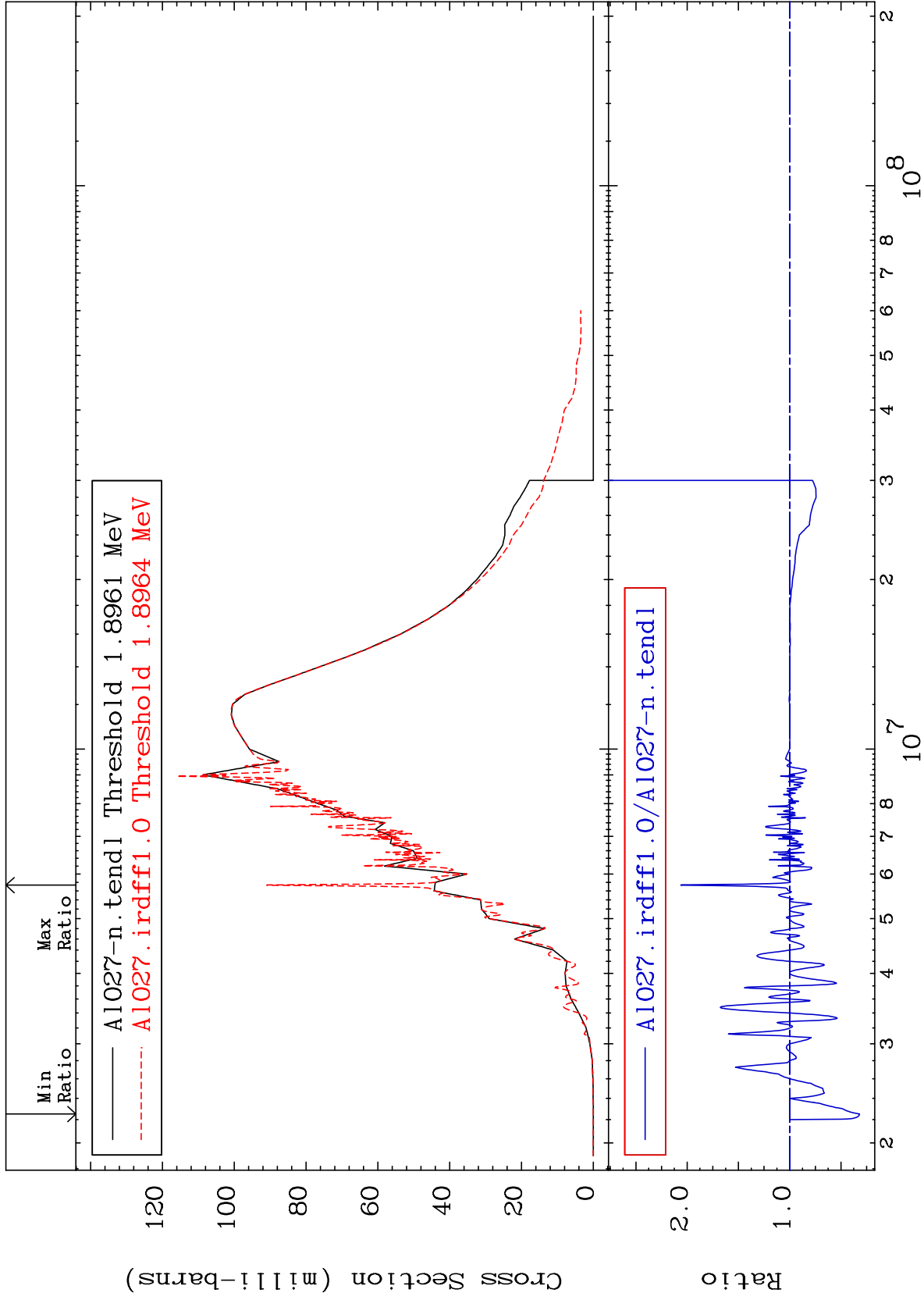
MAT 1325

(n,p)

13-Al-27

Cross Section

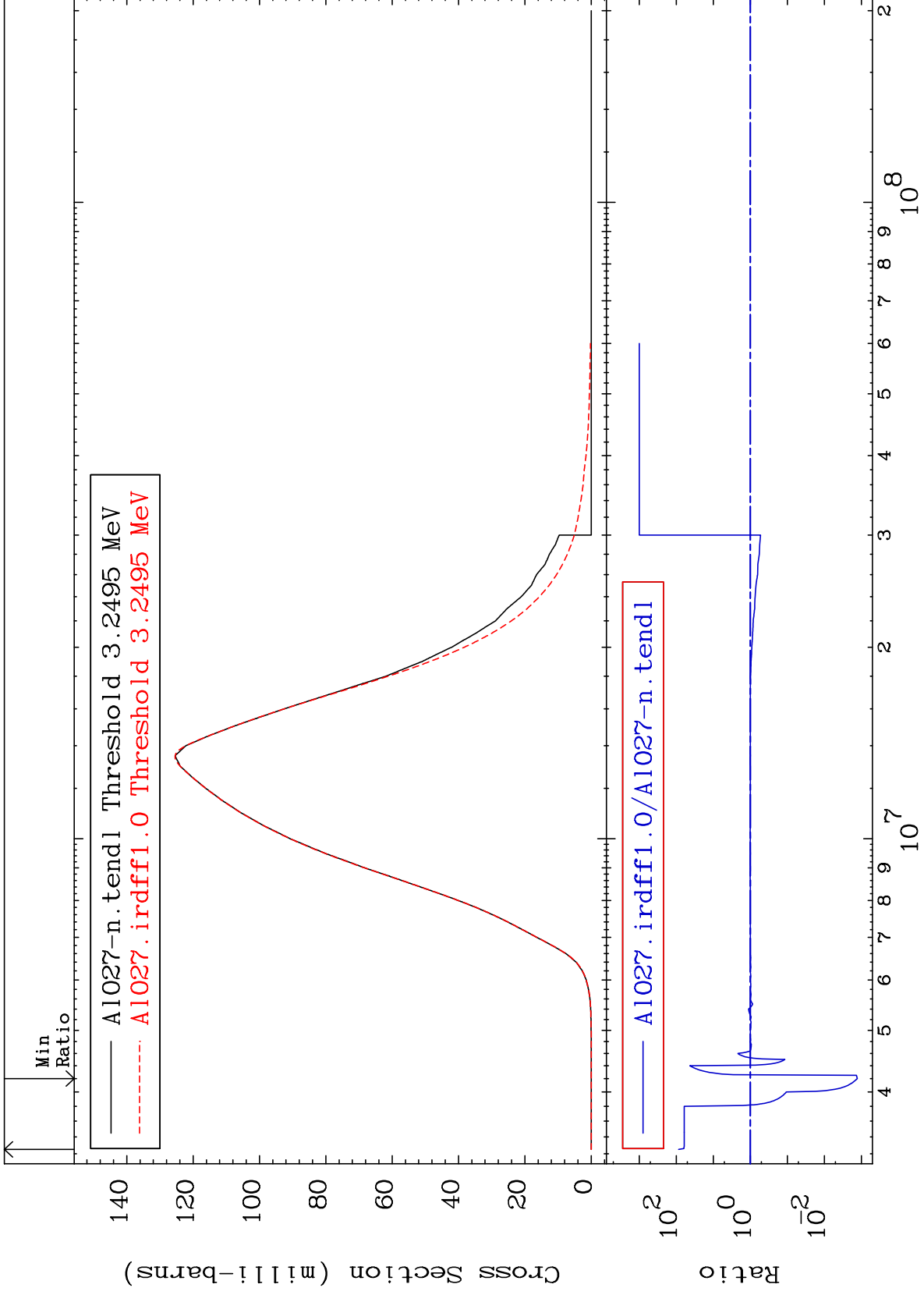
-68.11 To 106.2 %



2

13-Al-27

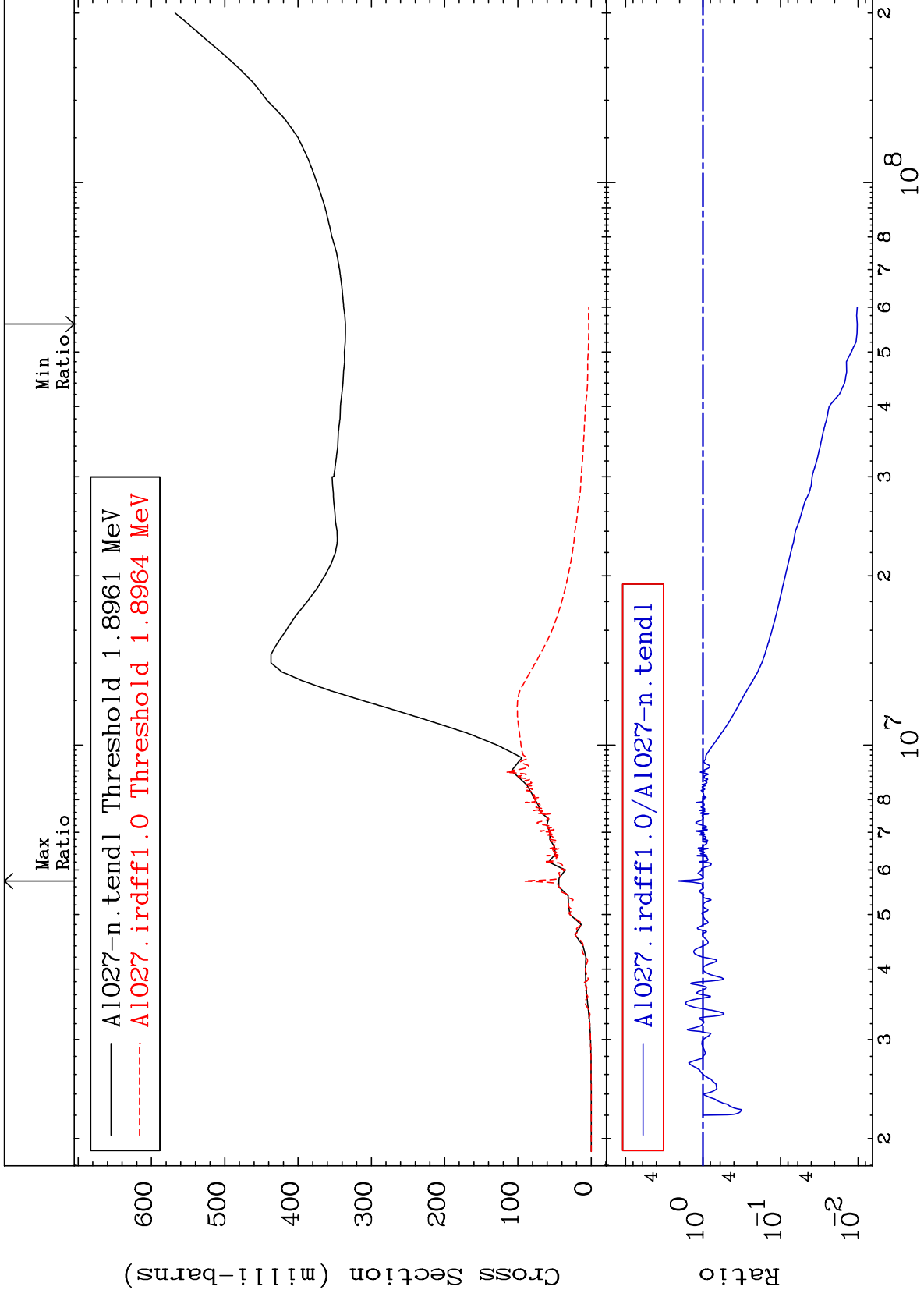
13-Al-27



MAT 1325

Hydrogen Production Cross Section

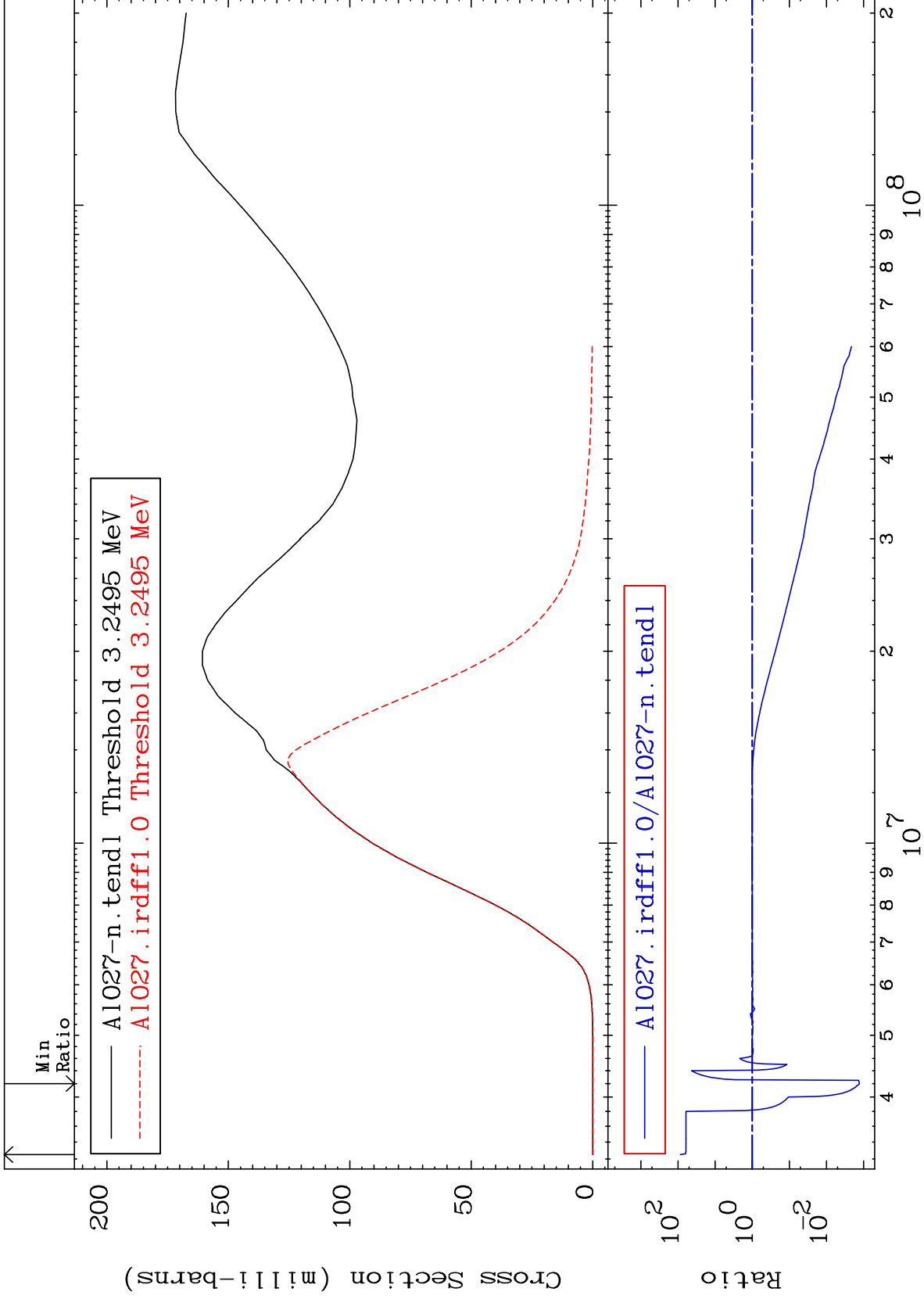
13-Al-27
-98.98 To 106.2 %



MAT 1325

He-4 Production
Cross Section

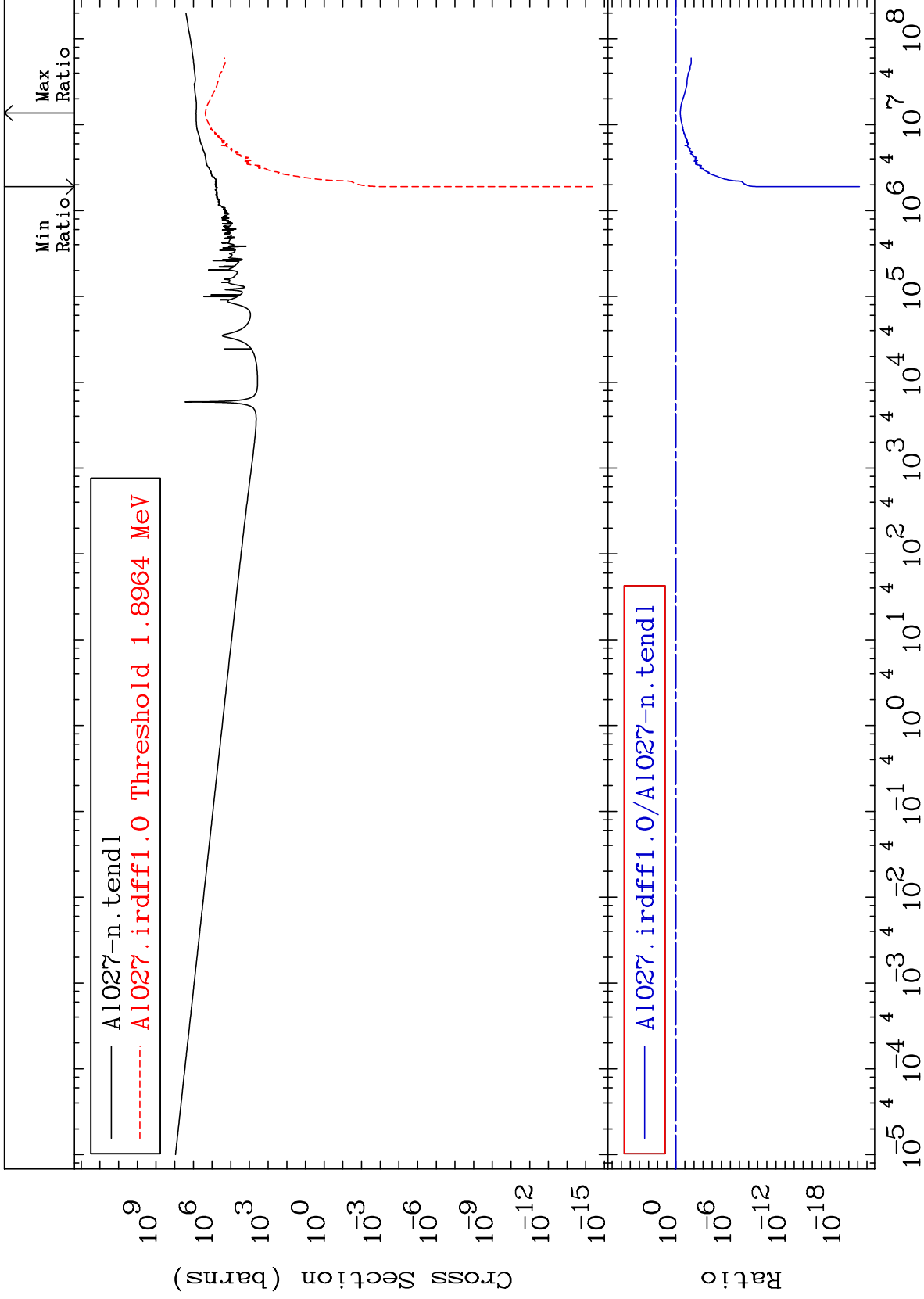
13-Al-27
-99.87 To 8500. %



MAT 1325

Kerma total (eV-barns)
Cross Section

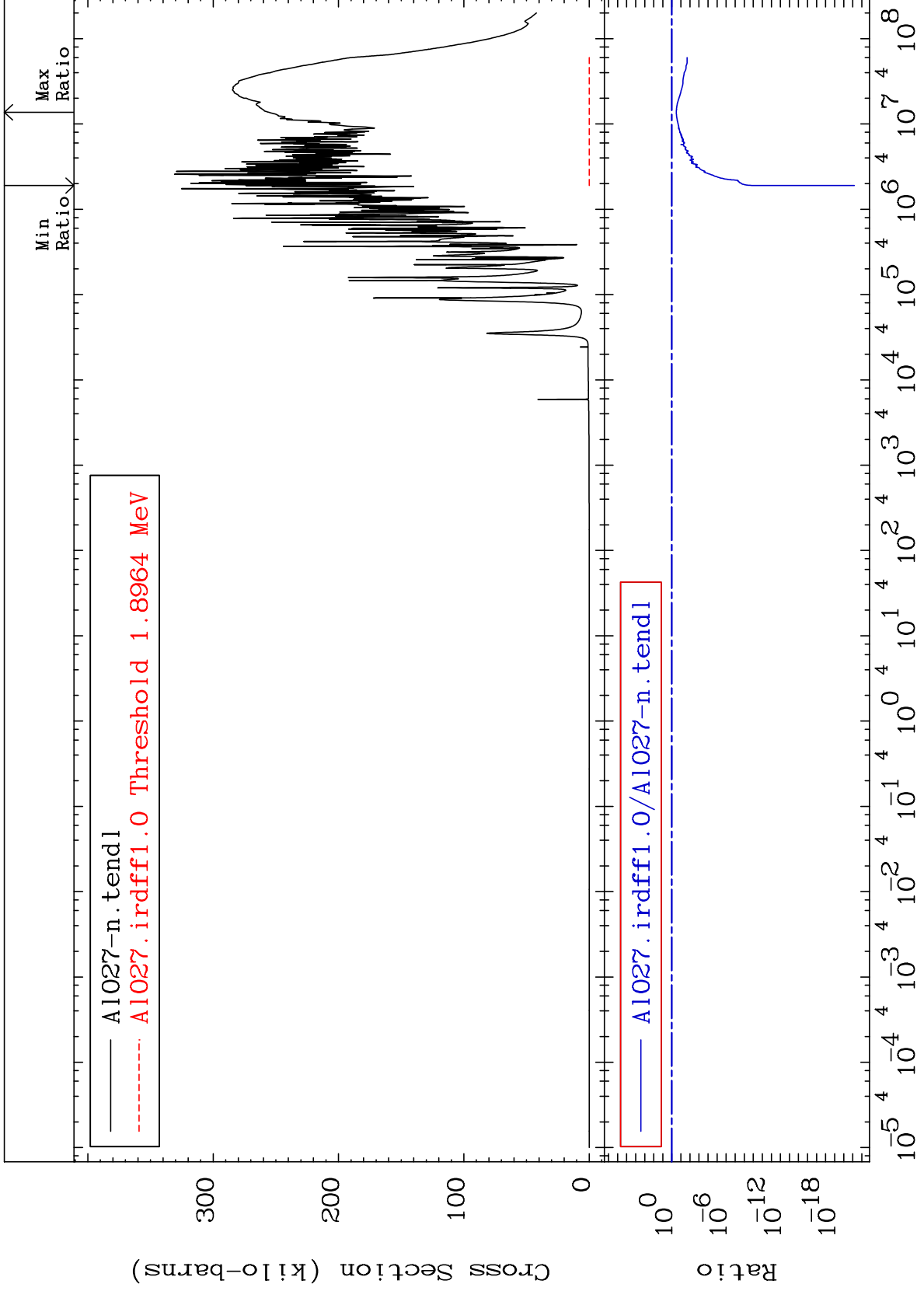
13-Al-27
-100.0 To -68.26%



MAT 1325

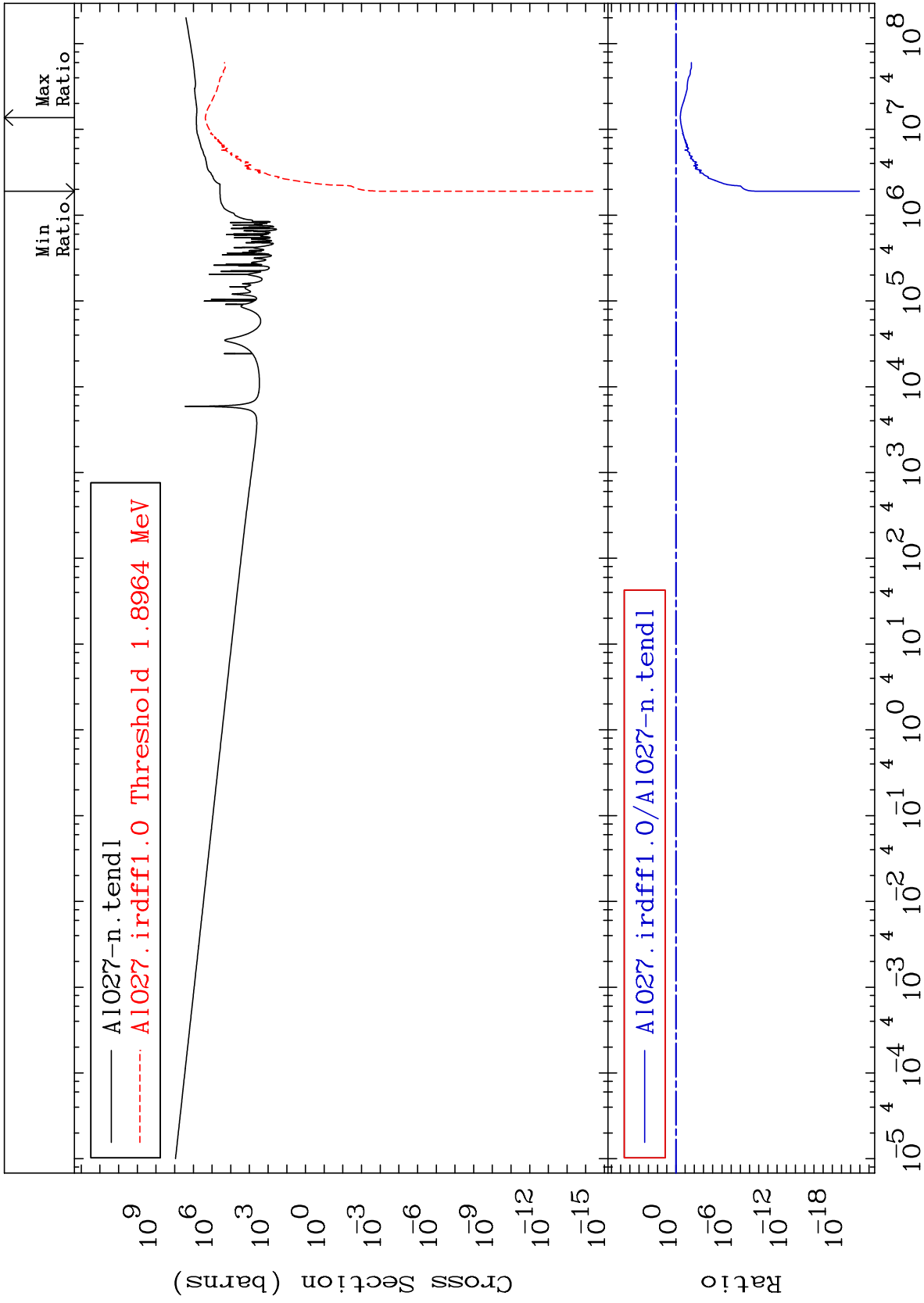
Kerma elastic
Cross Section

13-Al-27
-100.0 To -68.26%



Incident Energy (eV)

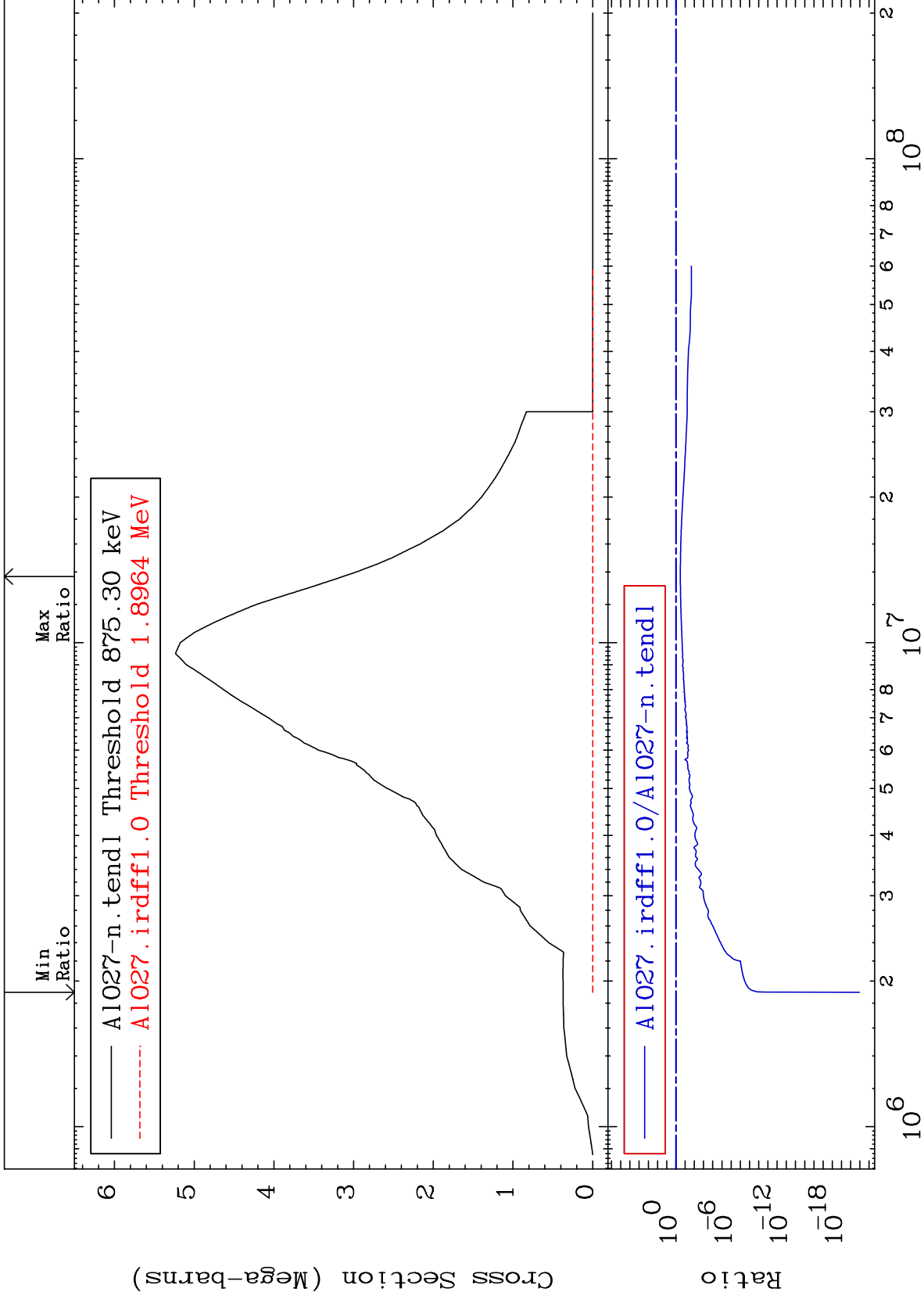
13-Al-27



MAT 1325

Kerma inelastic (mt51-91)
Cross Section

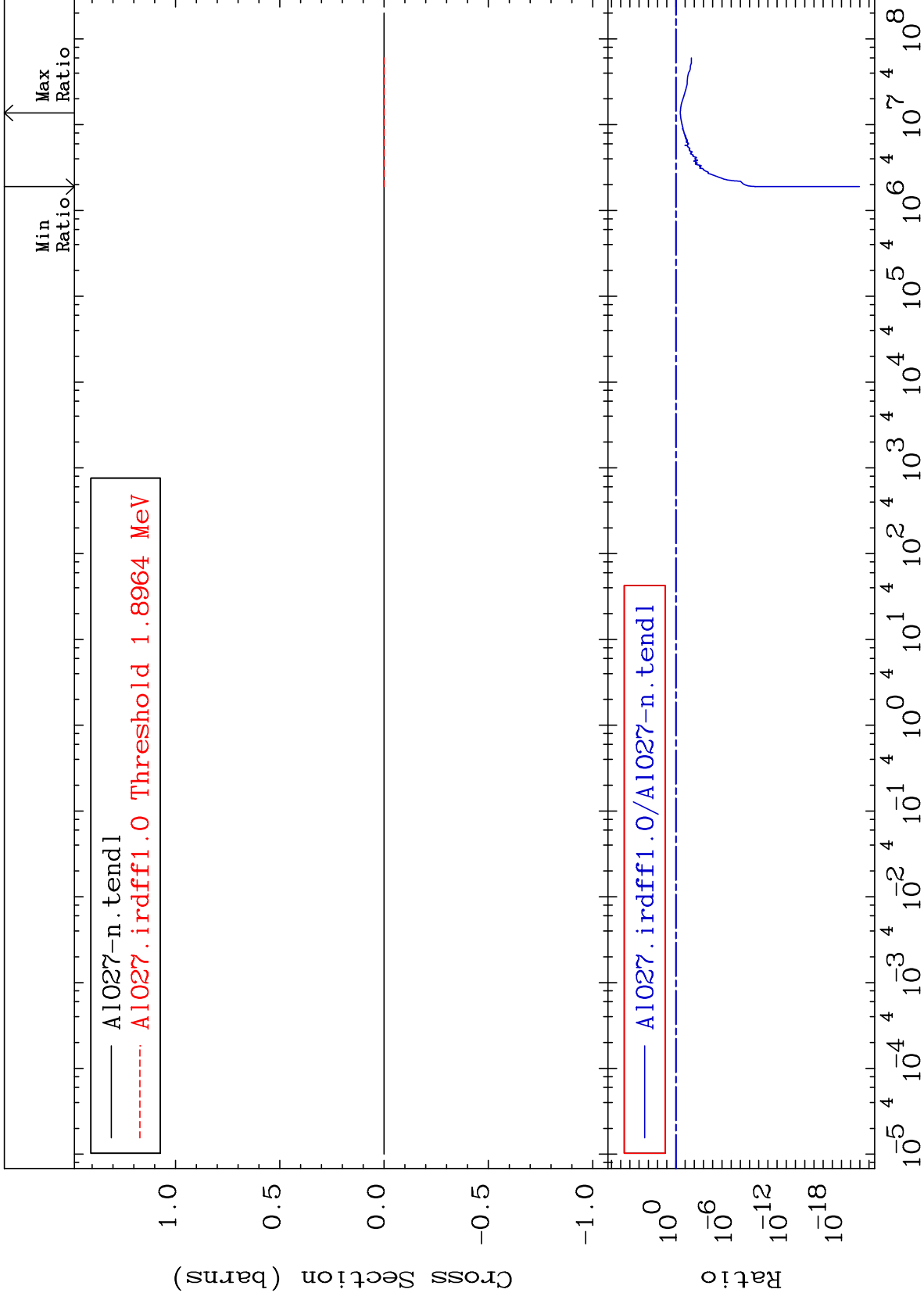
13-Al-27
-100.0 To -67.09%



MAT 1325

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

13-Al-27
-100.0 To -67.09%



— A1027-n.tendl
- - - A1027.irdff1.0 Threshold 1.8964 MeV

— A1027.irdff1.0/A1027-n.tendl

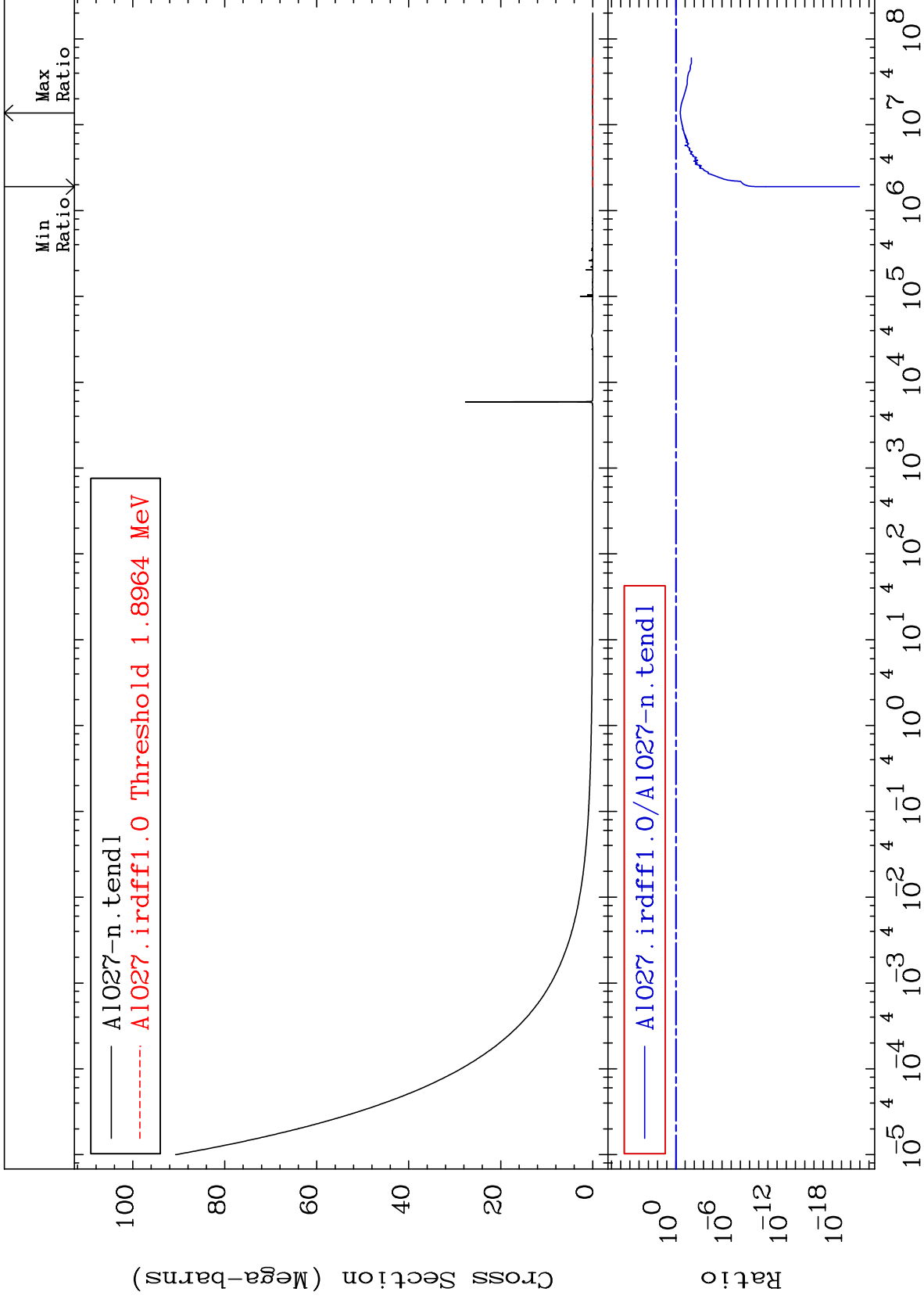
Incident Energy (eV)

13-Al-27

MAT 1325

Kerma capture (mt102)
Cross Section

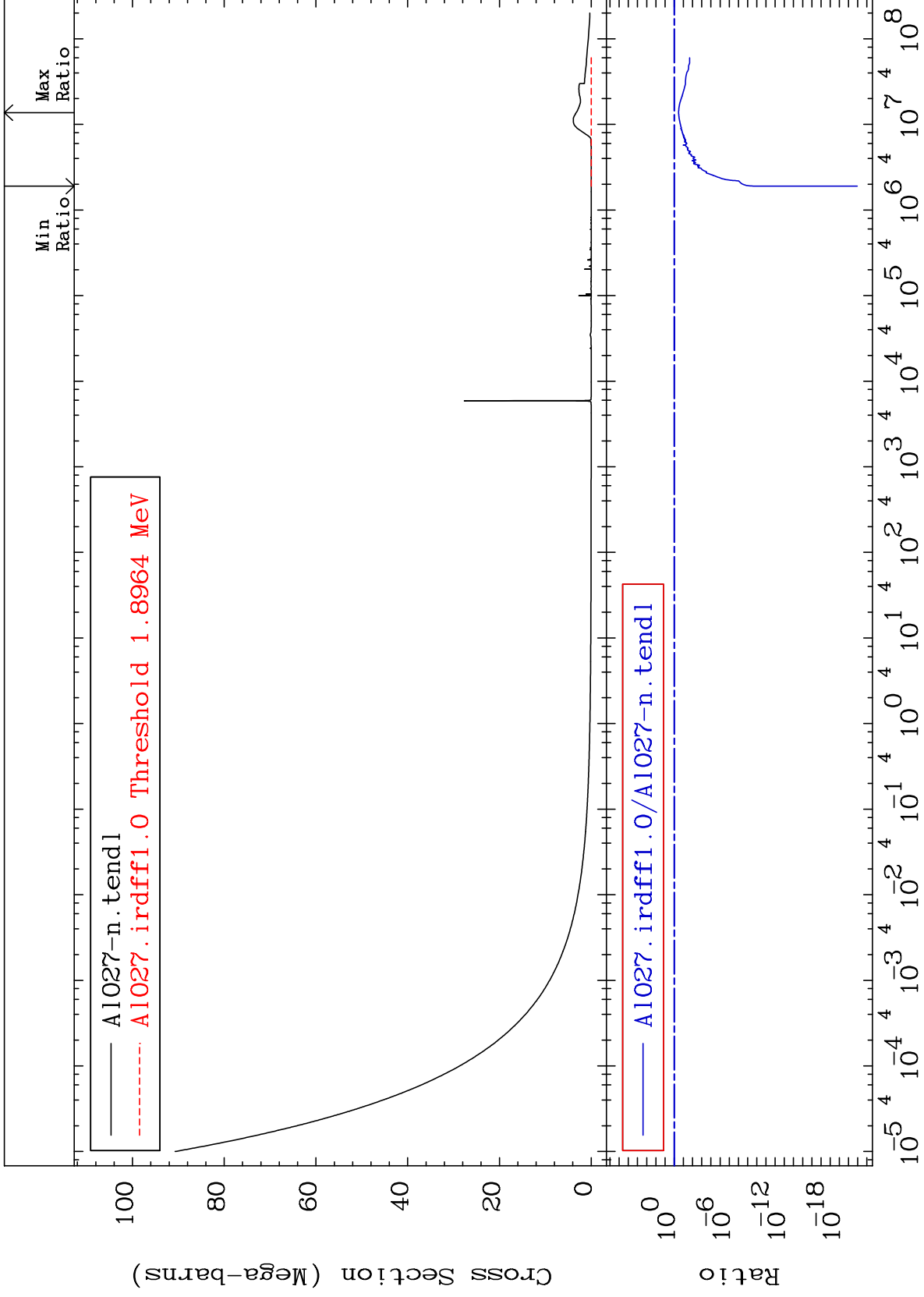
13-Al-27
-100.0 To -67.09%



MAT 1325

Total photon (eV-barns)
Cross Section

13-Al-27
-100.0 To -67.09%



12

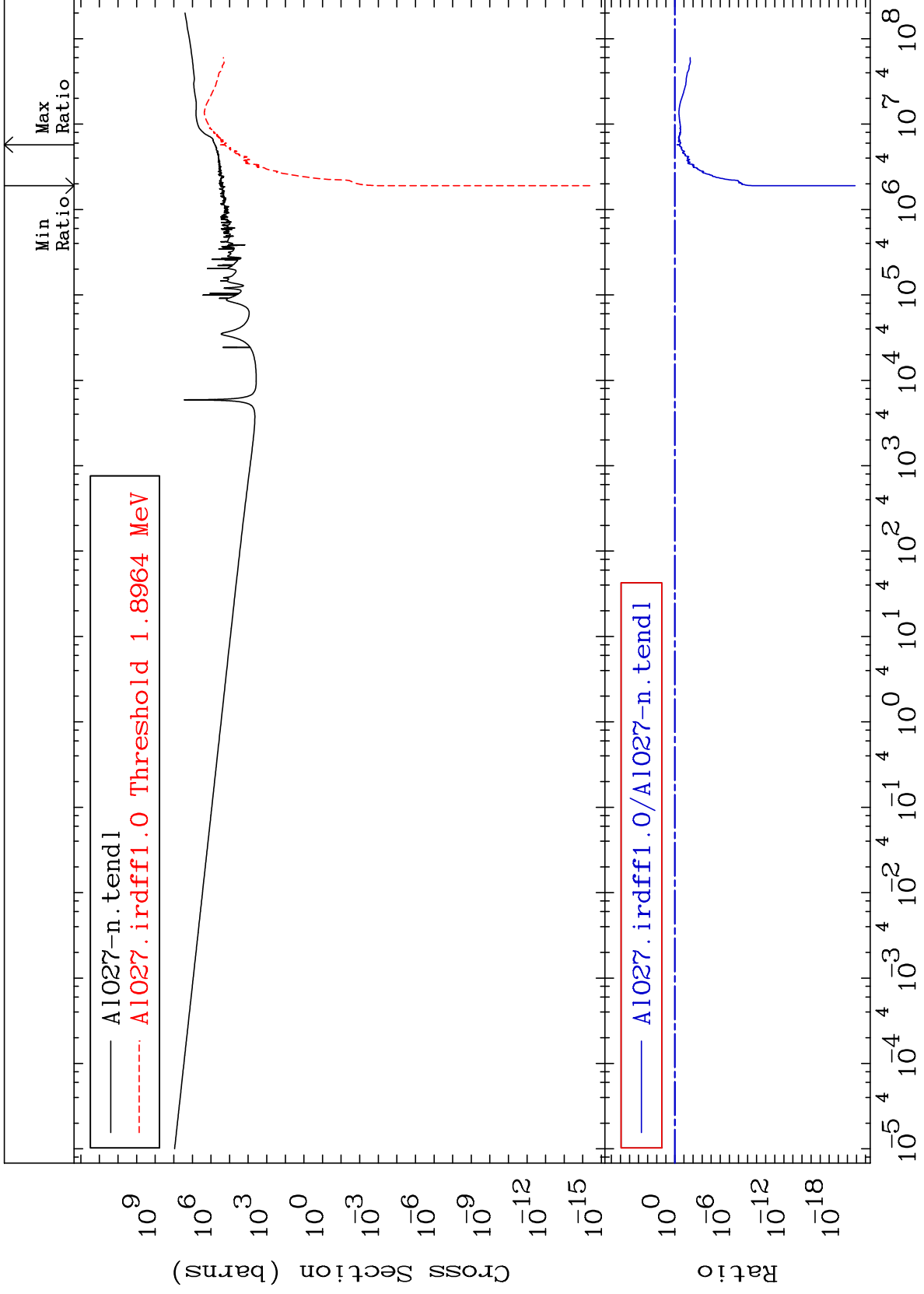
Incident Energy (eV)

13-Al-27

MAT 1325

Total kinematic kerma (high limit)
Cross Section

13-Al-27
-100.0 To -40.21%



13

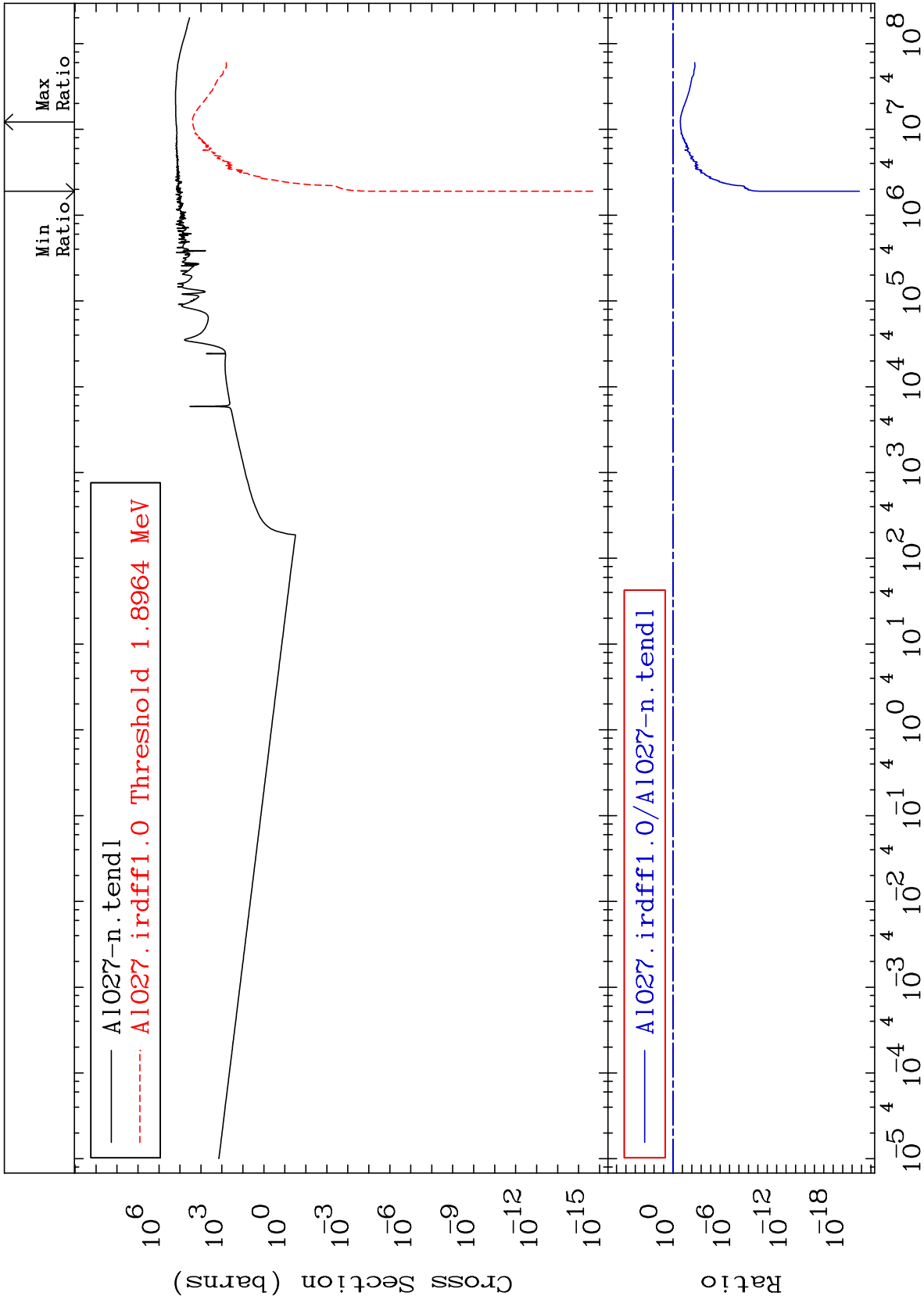
Incident Energy (eV)

13-Al-27

MAT 1325

Dpa total (eV-barns)
Cross Section

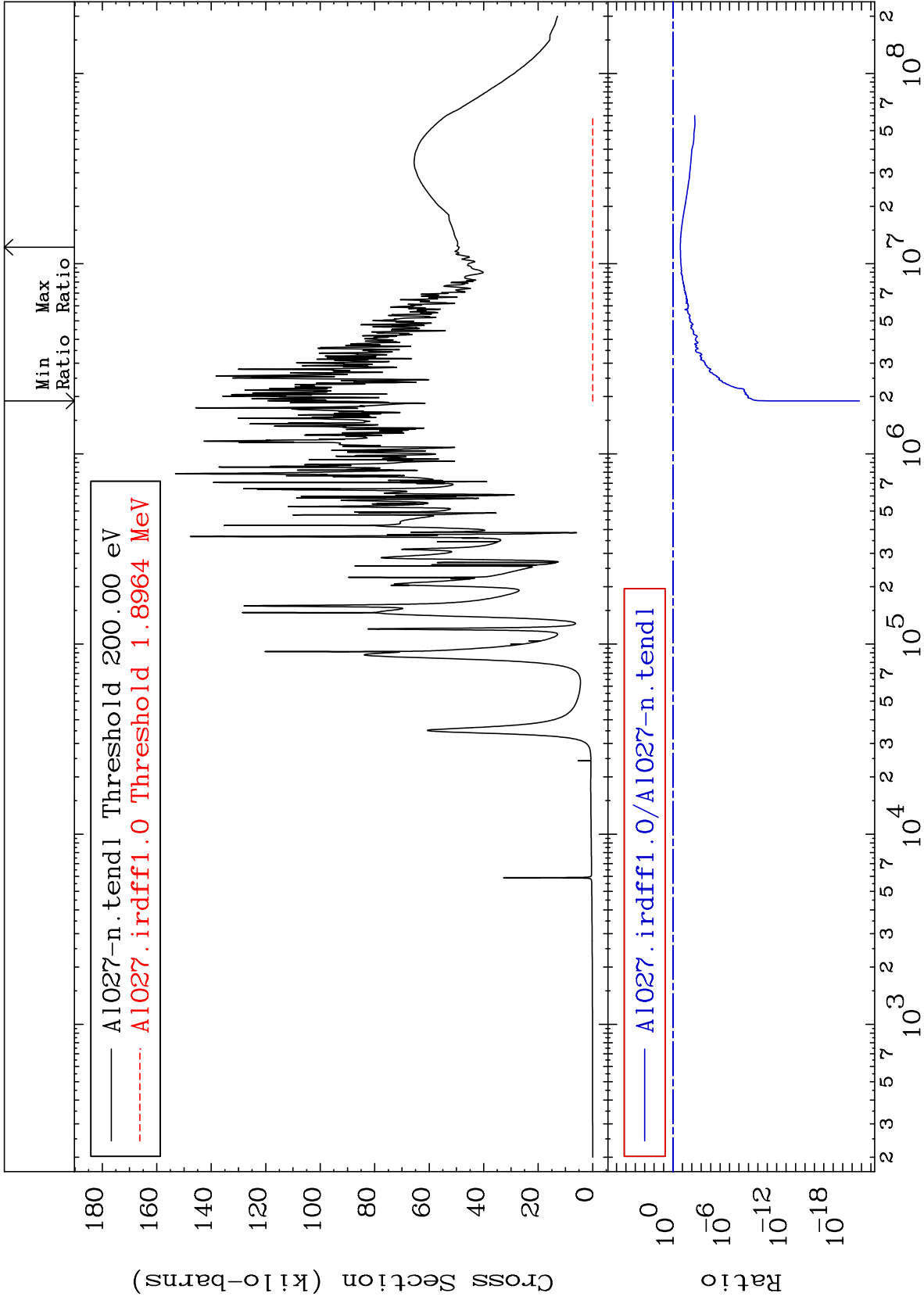
13-Al-27
-100.0 To -83.53%



14

Incident Energy (eV)

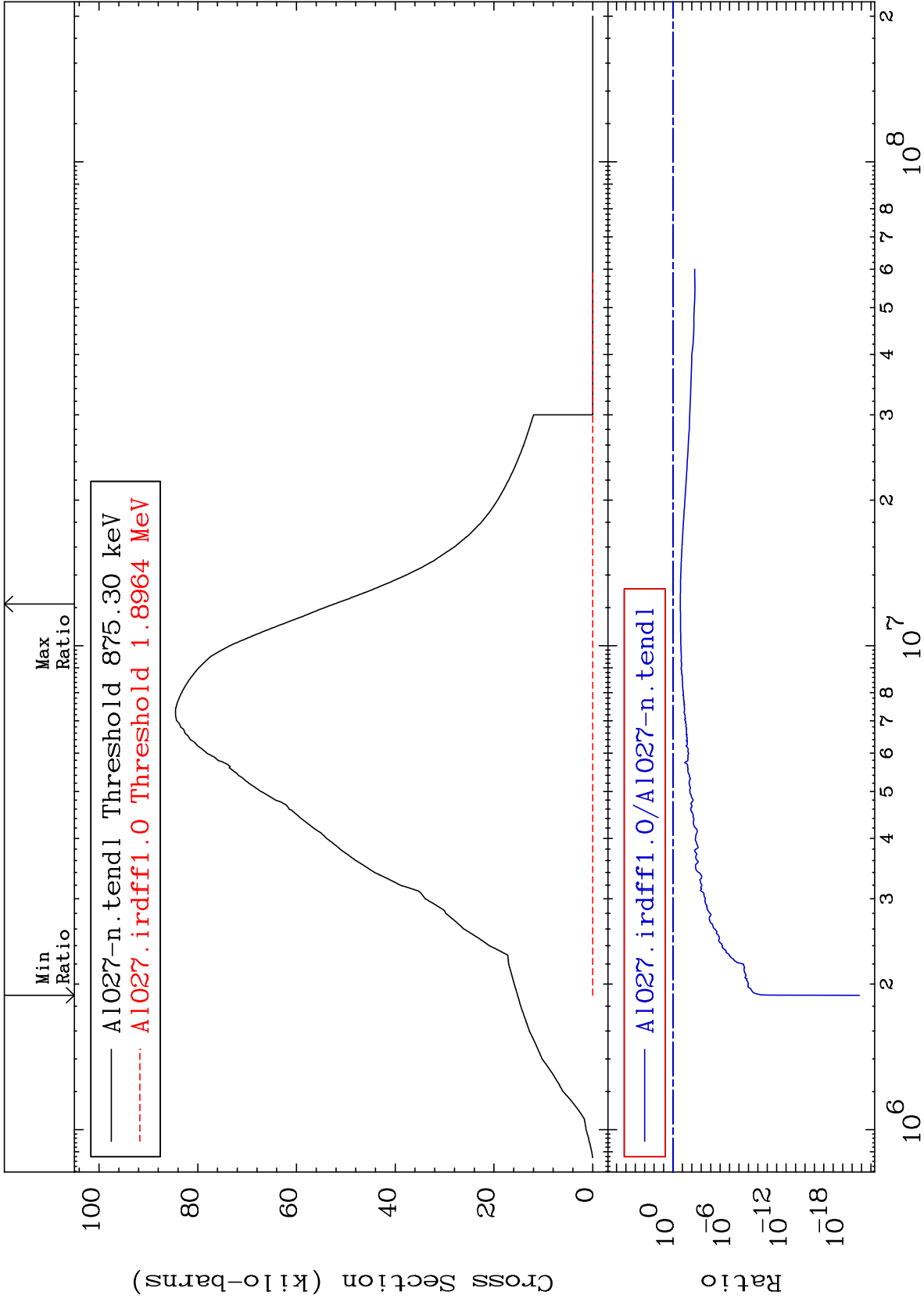
13-Al-27



MAT 1325

Dpa inelastic (mt51-91)
Cross Section

13-Al-27
-100.0 To -83.53%



16

Incident Energy (eV)

13-Al-27

