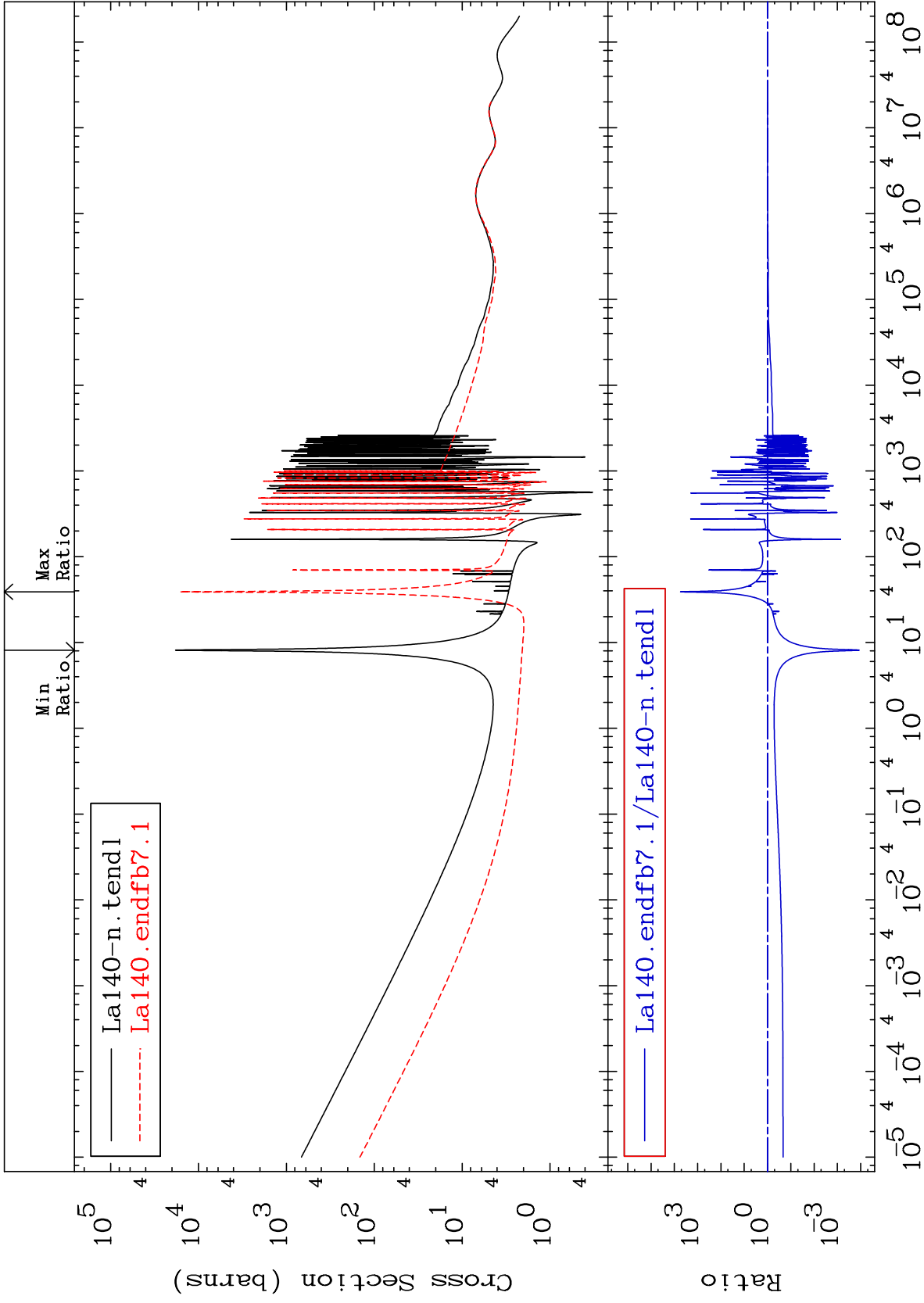


MAT 5731

Total Cross Section

57-La-140
-99.99 To 9999. %

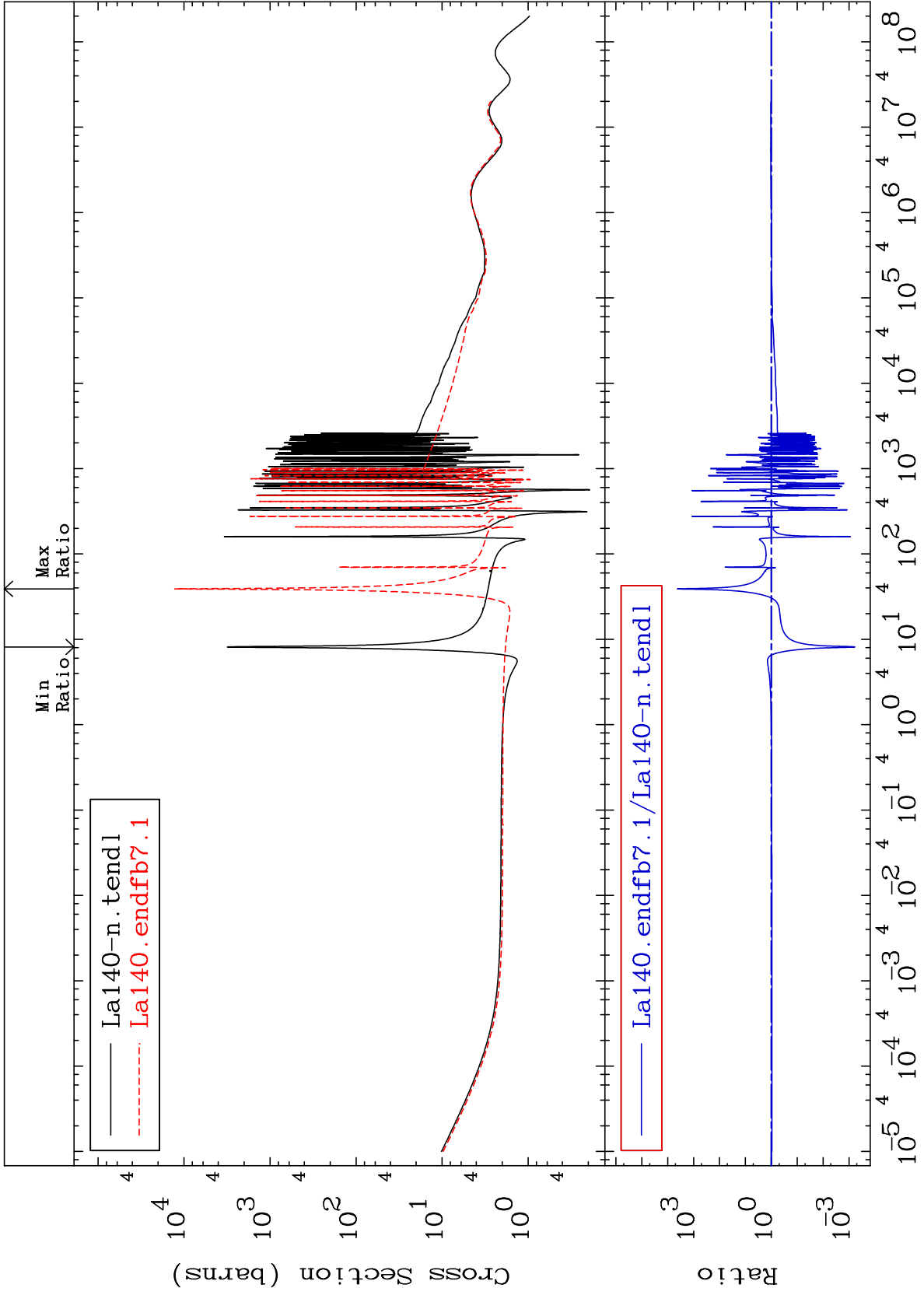


Incident Energy (eV)

57-La-140

MAT 5731

Elastic Cross Section
57-La-140
-99.94 To 9999. %



2

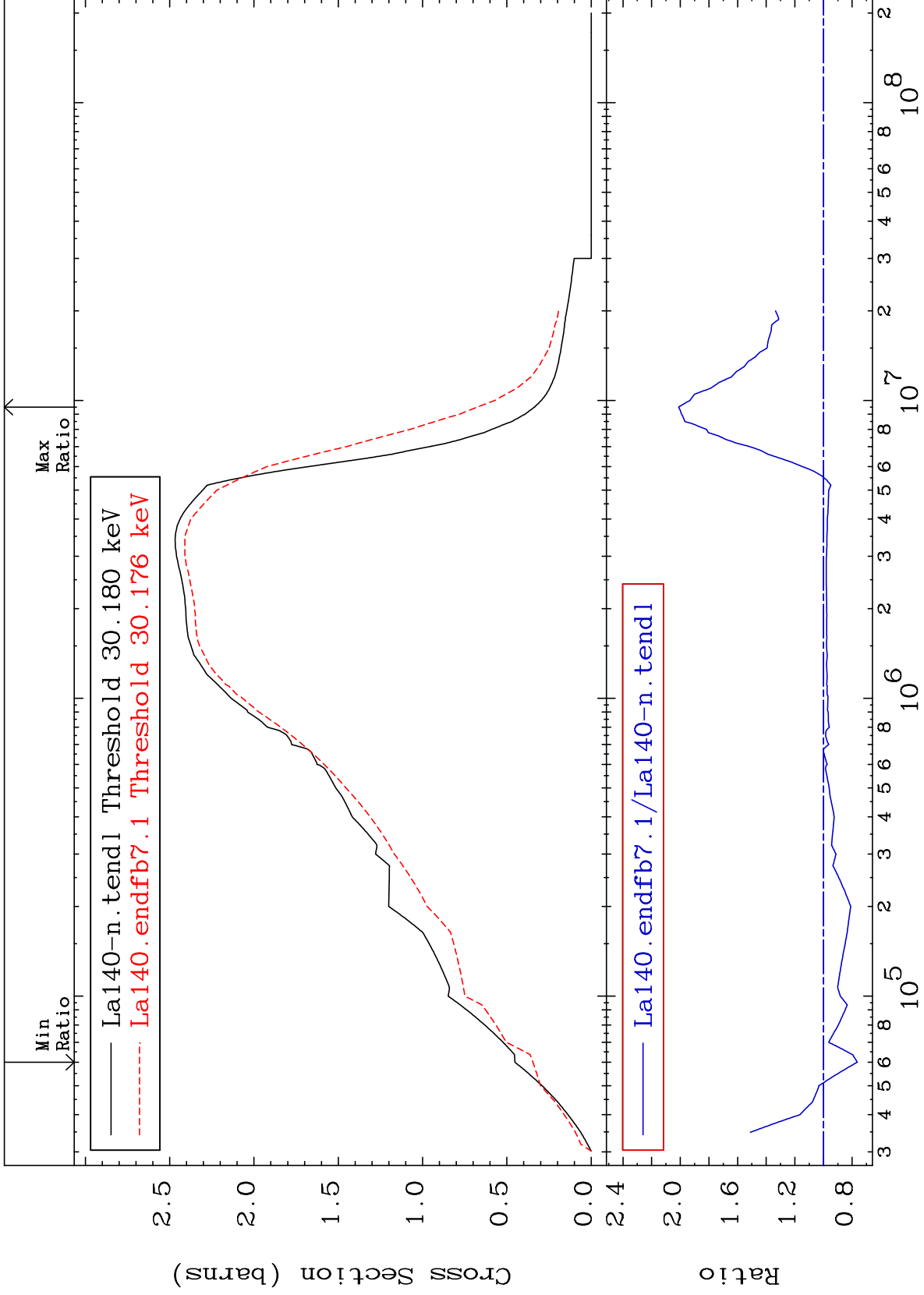
Incident Energy (eV)

57-La-140

MAT 5731

Inelastic
Cross Section

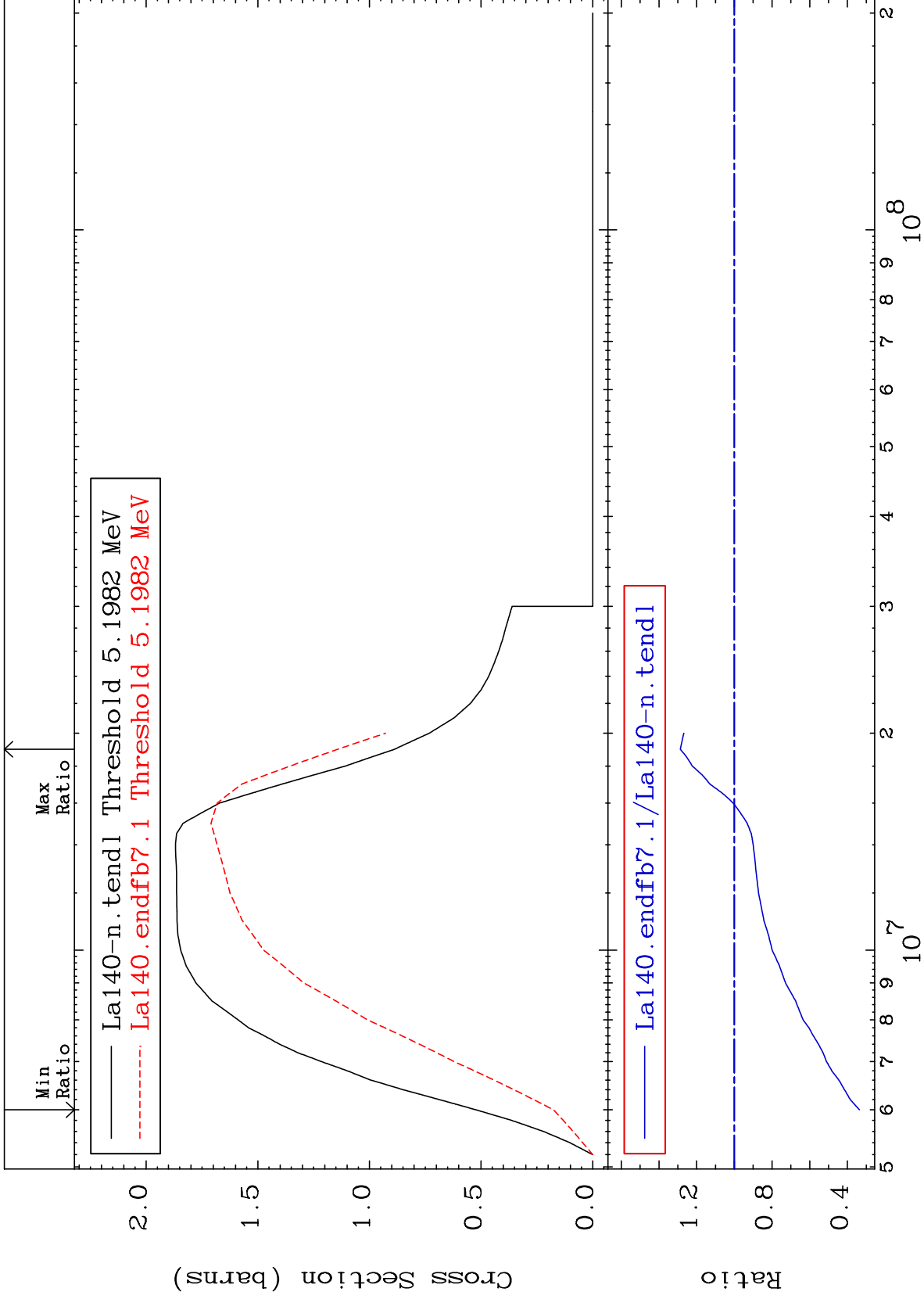
57-La-140
-23.57 To 101.1 %



MAT 5731

(n,2n)
Cross Section

57-La-140
-66.39 To 28.65 %



4

Incident Energy (eV)

57-La-140

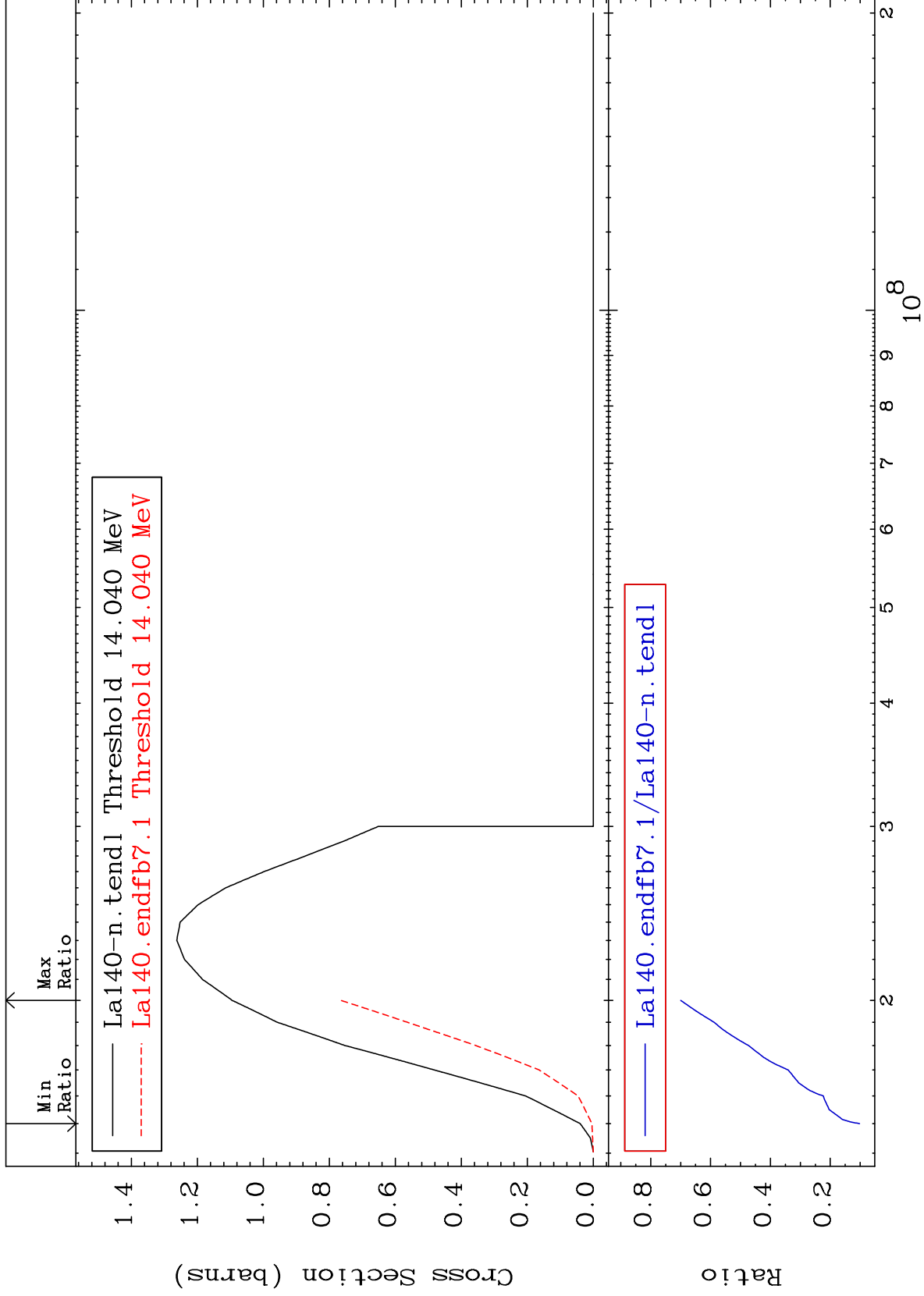
MAT 5731

(n,3n)

57-La-140

Cross Section

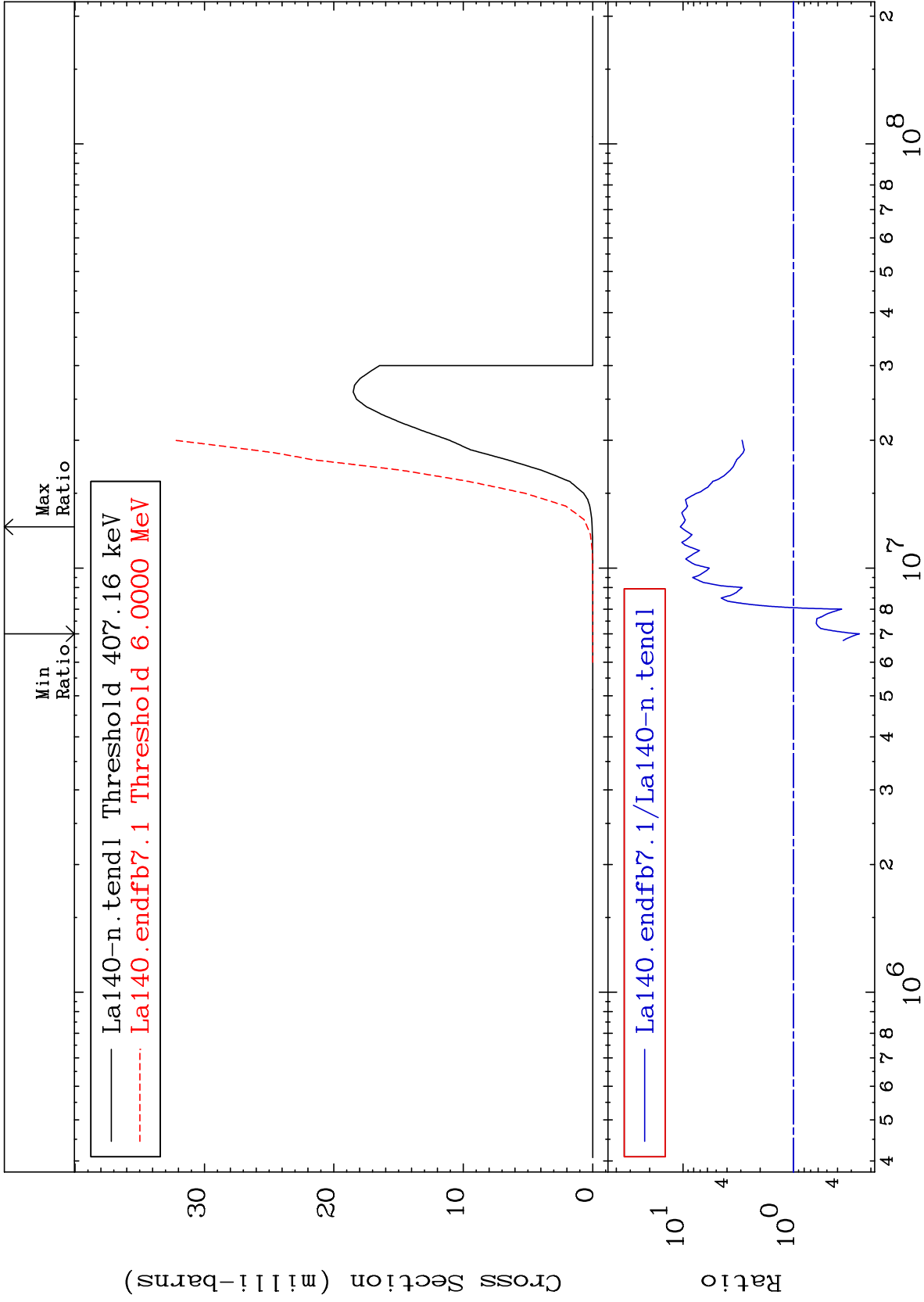
-89.78 To -30.05%



MAT 5731

$(n, n') \alpha$
Cross Section

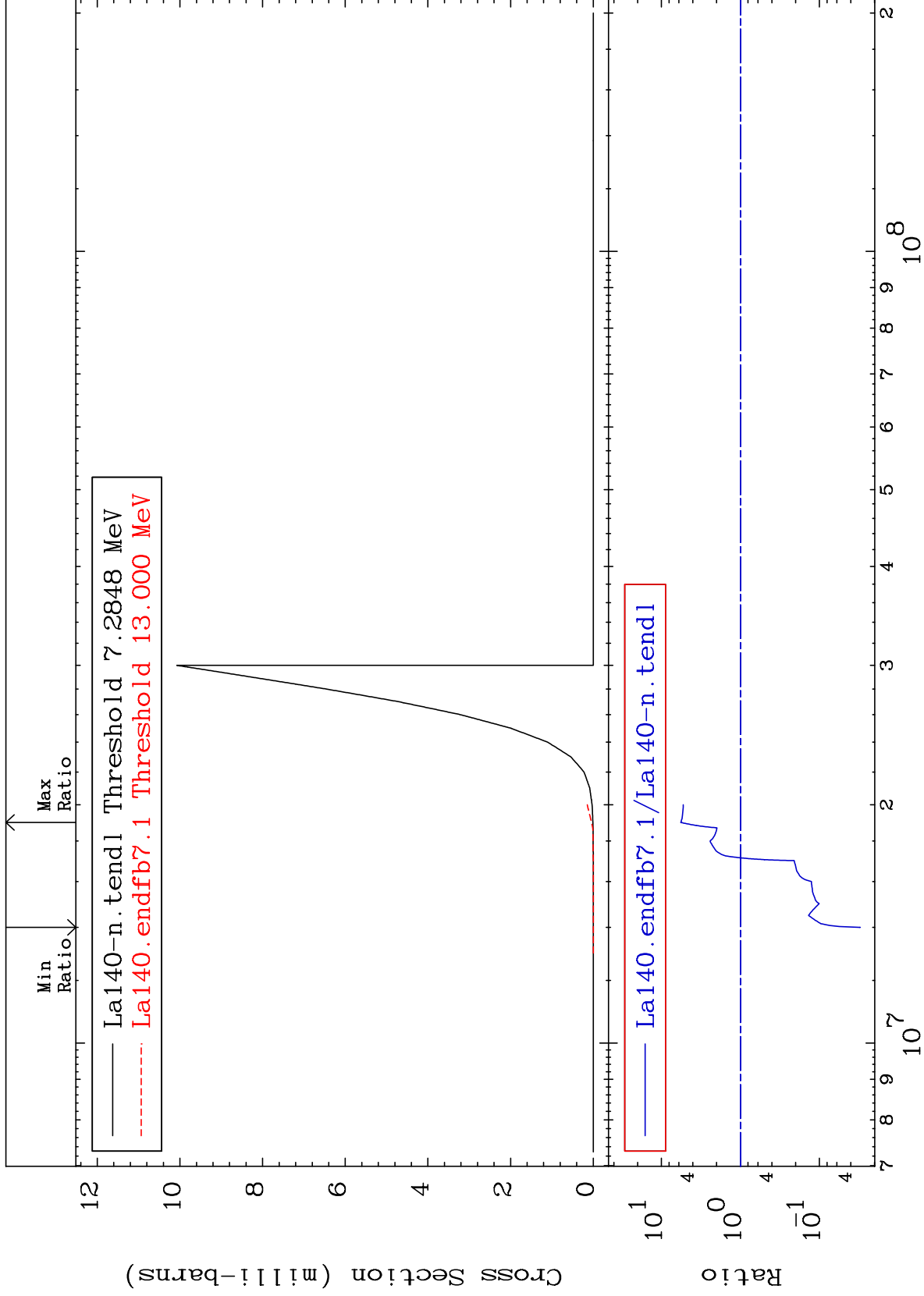
57-La-140
-74.65 To 955.2 %



MAT 5731

(n,2n) α
Cross Section

57-La-140
-96.90 To 468.2 %



7

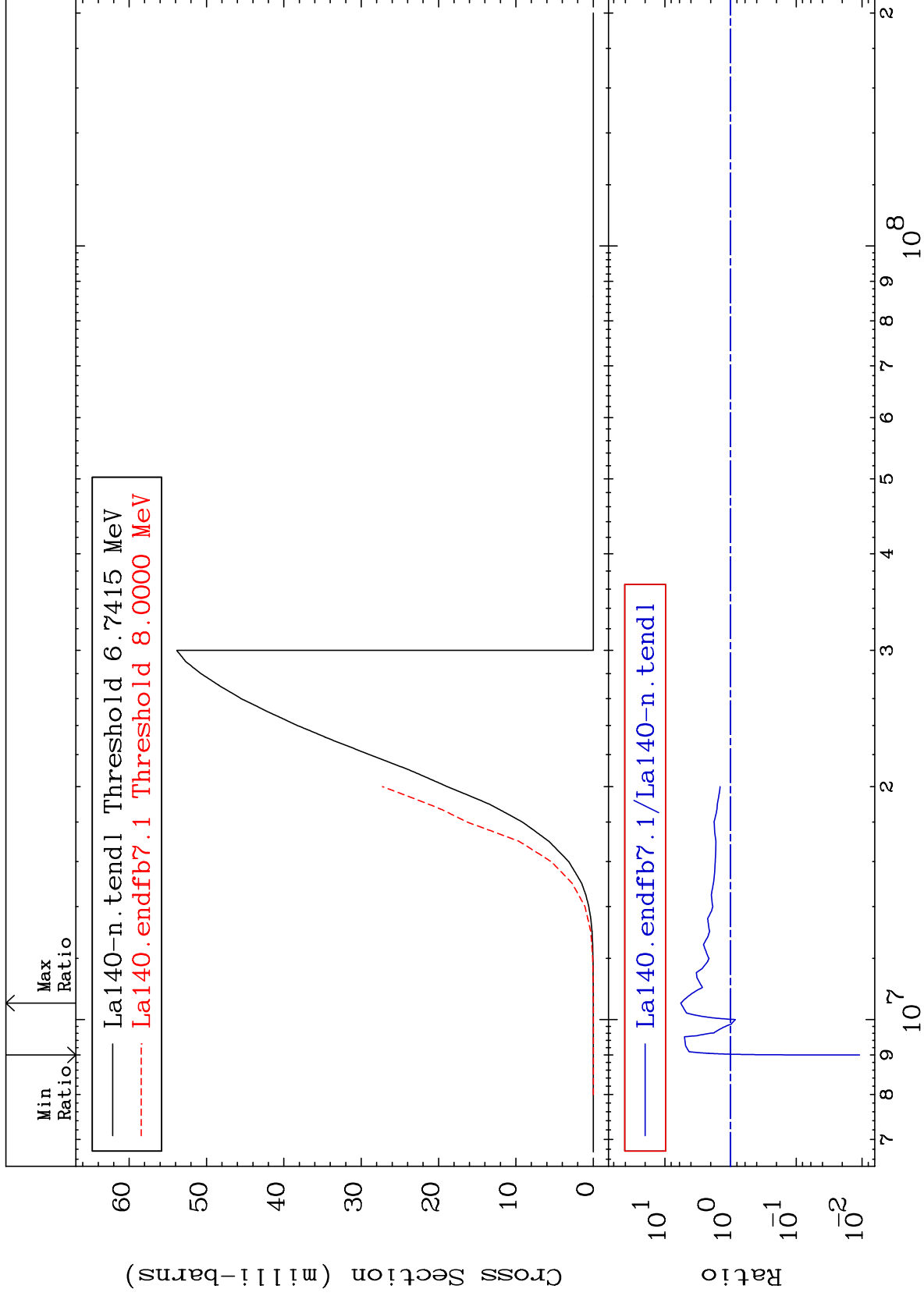
Incident Energy (eV)

57-La-140

MAT 5731

(n, n') p
Cross Section

57-La-140
-98.91 To 472.3 %



8

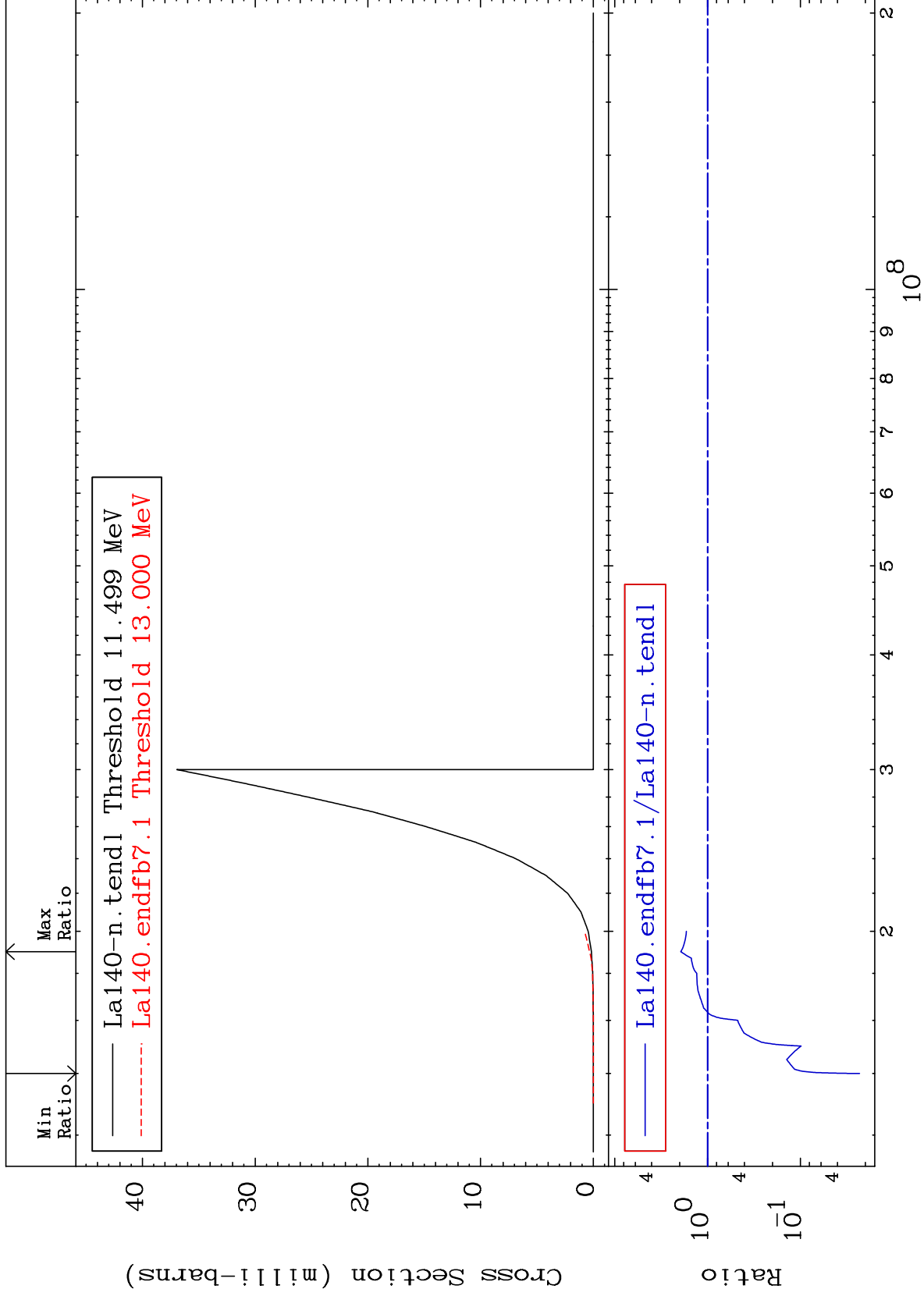
Incident Energy (eV)

57-La-140

MAT 5731

(n,2n) p
Cross Section

57-La-140
-97.69 To 94.23 %



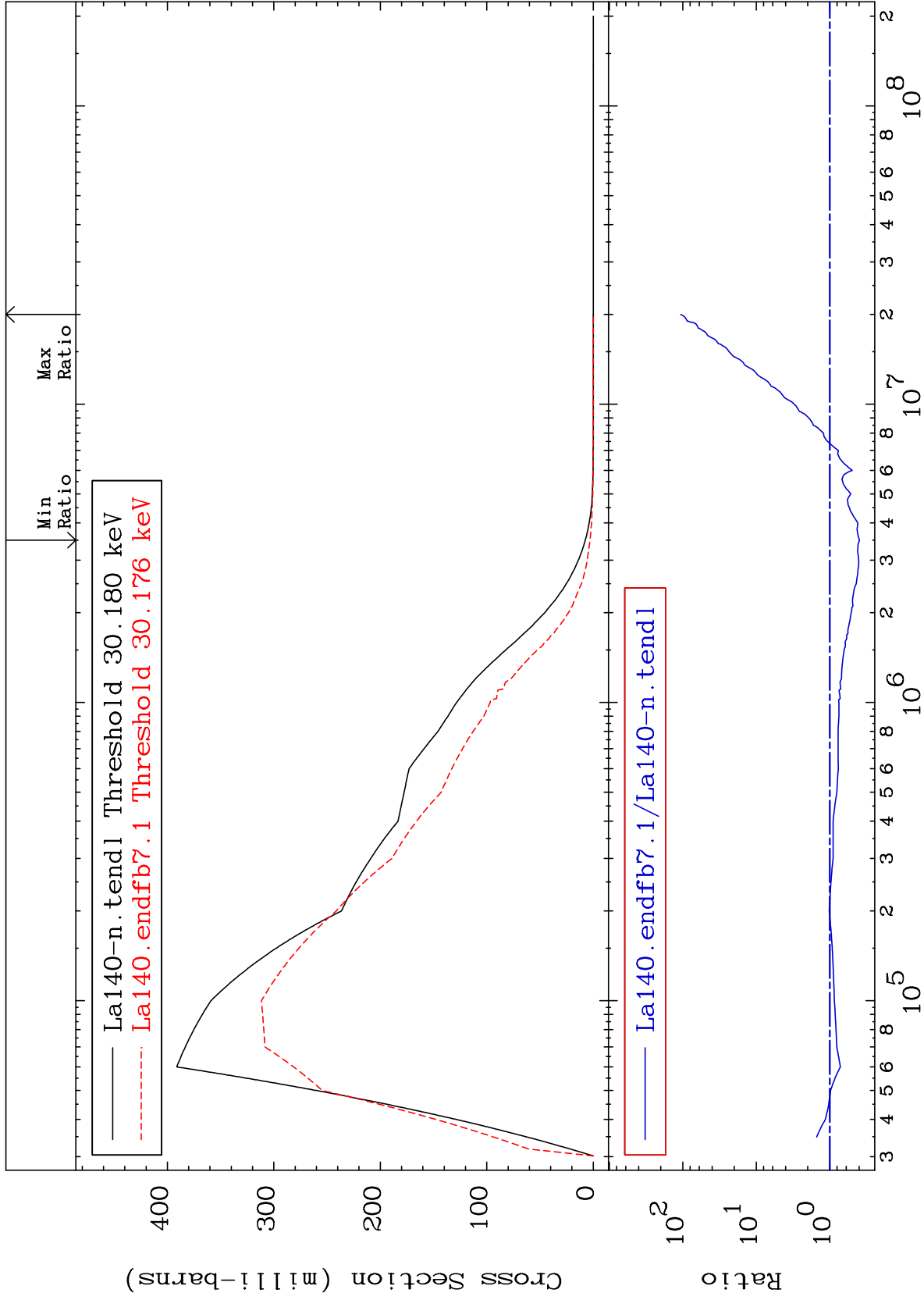
MAT 5731

29.96 keV (n,n') Level

57-La-140

-60.53 To 9999. %

Cross Section

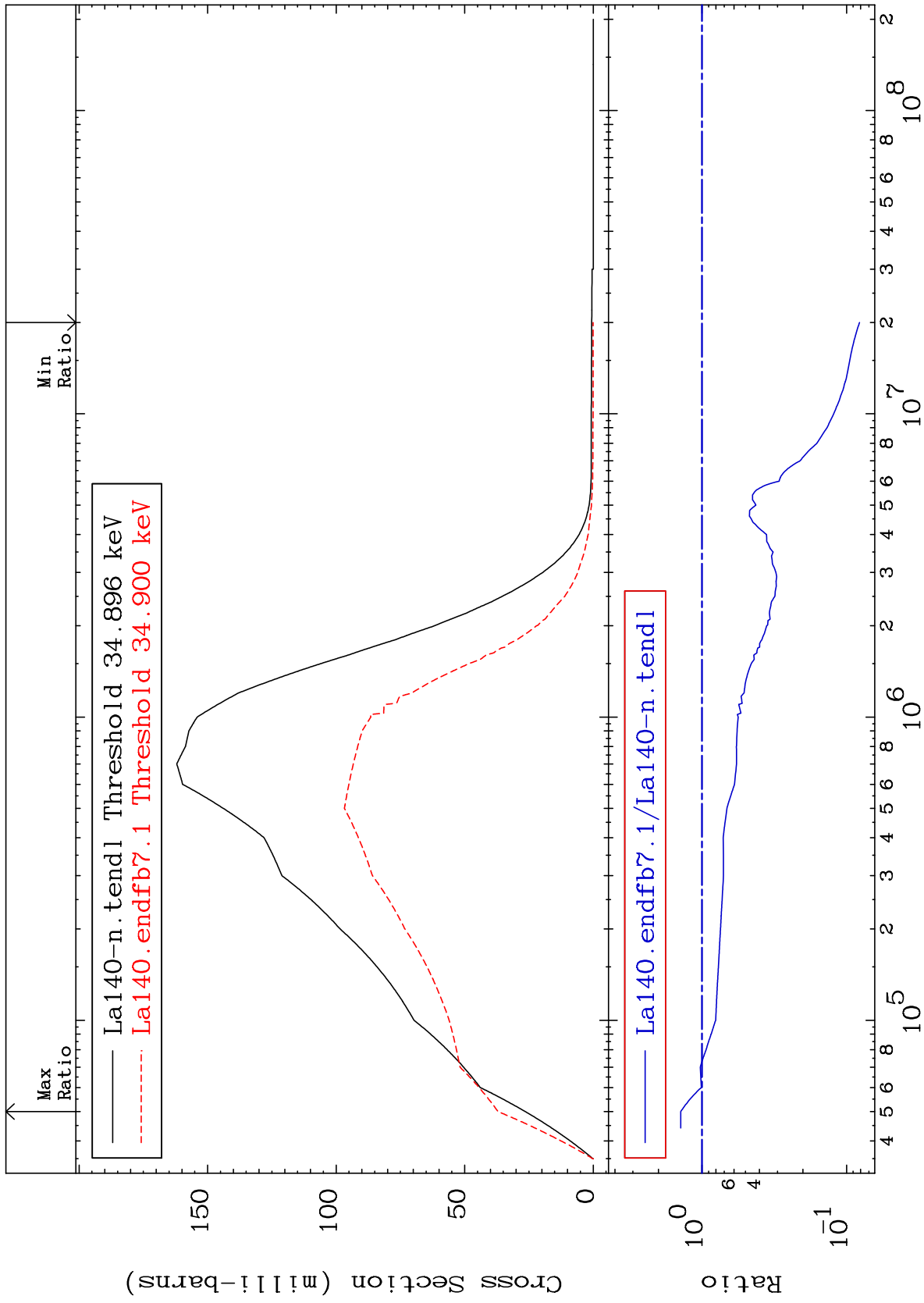


10

Incident Energy (eV)

57-La-140

MAT 5731 34.65 keV (n,n') Level 57-La-140
 Cross Section -91.87 To 40.03 %

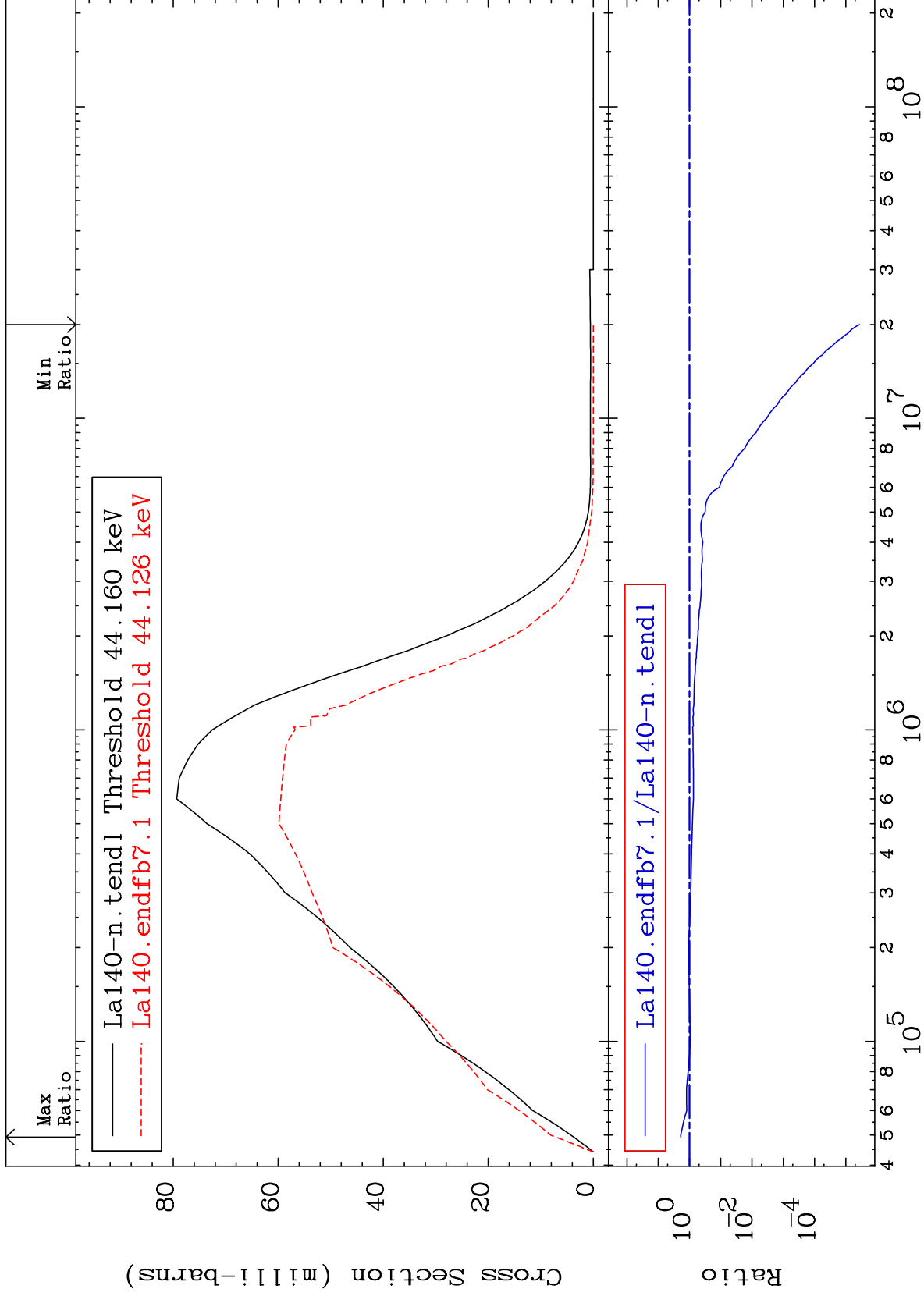


11 Incident Energy (eV) 57-La-140

MAT 5731

43.84 keV (n,n') Level
Cross Section

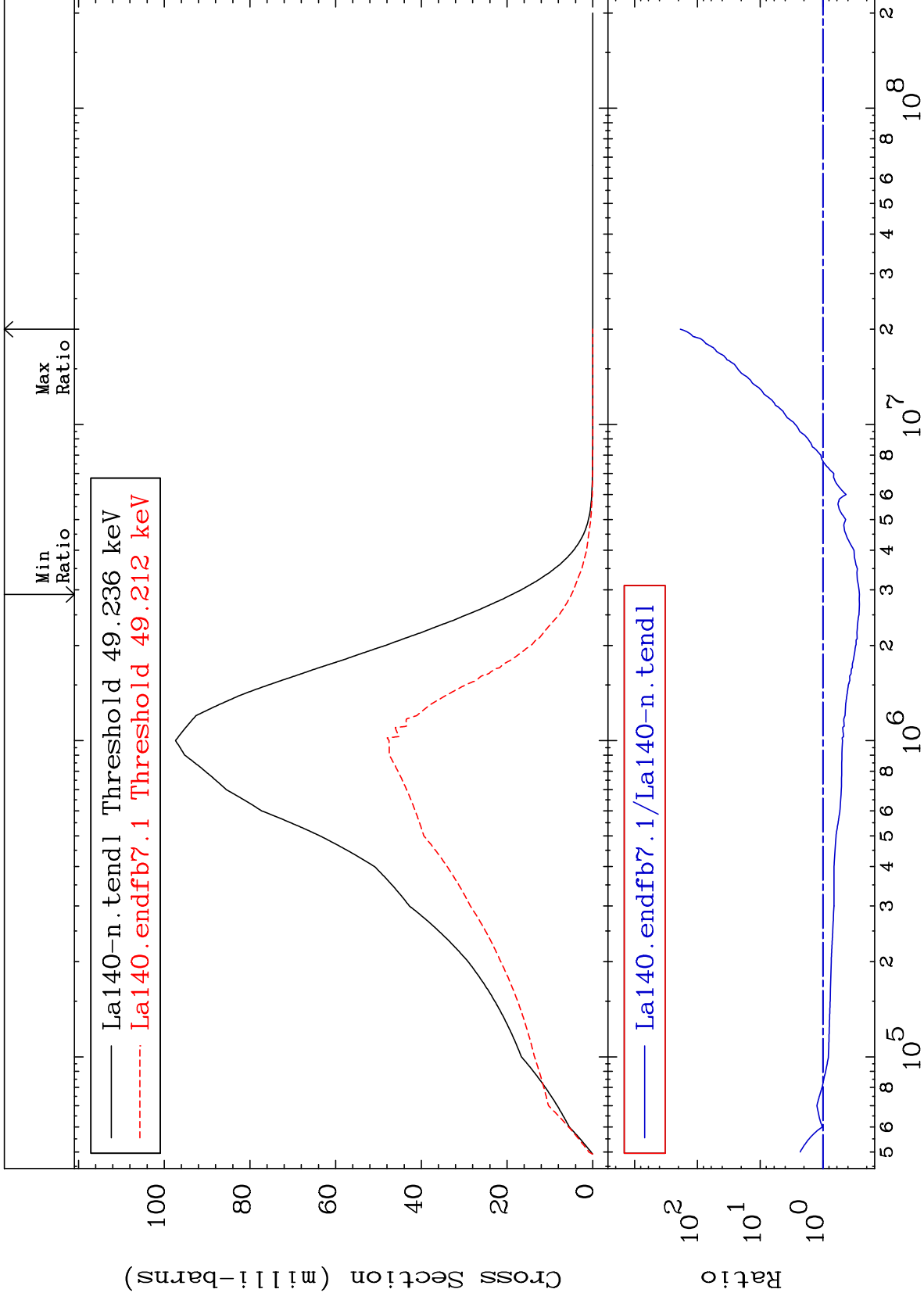
57-La-140
-100.0 To 90.93 %



MAT 5731

48.88 keV (n,n') Level
Cross Section

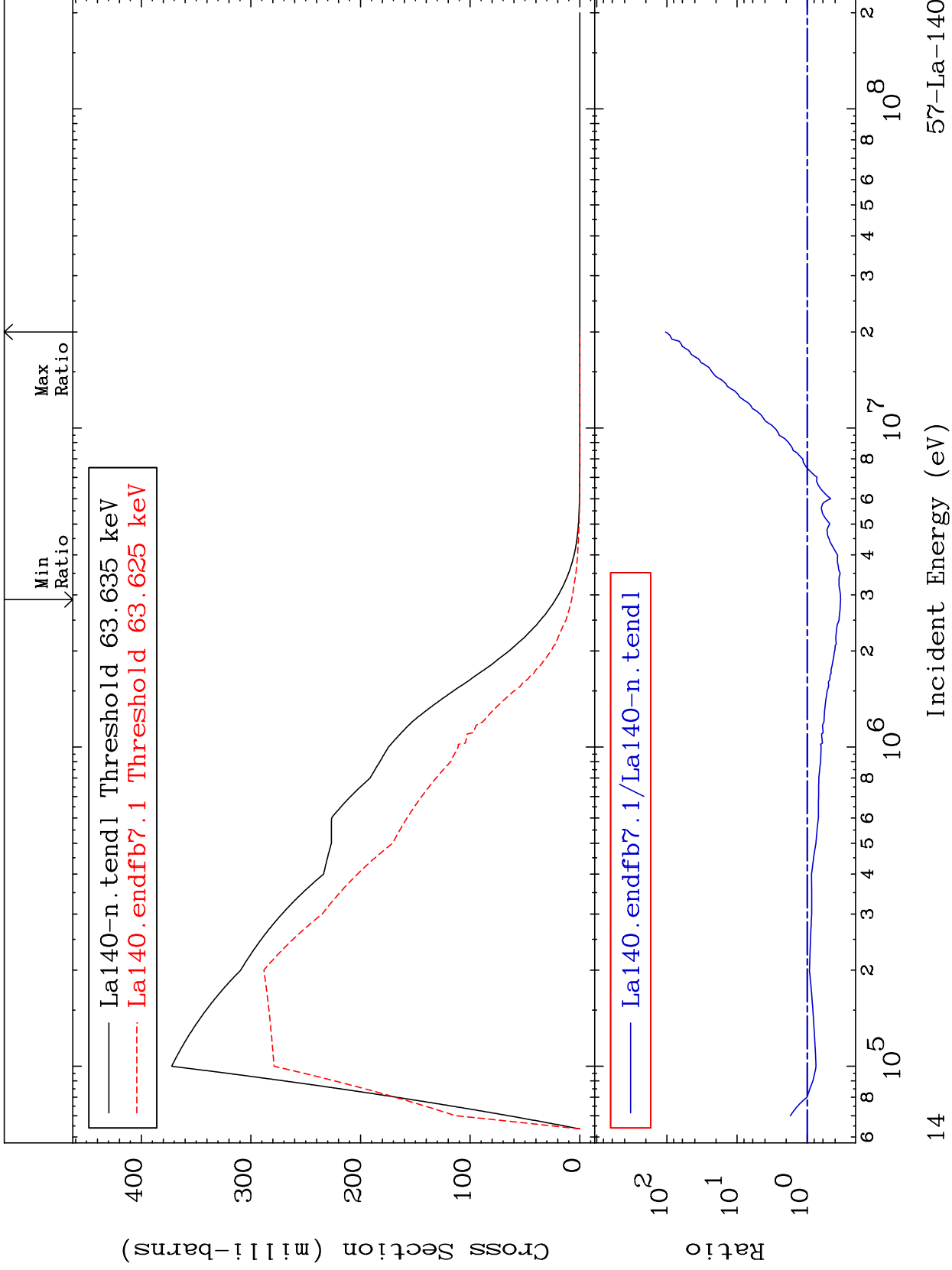
57-La-140
-73.80 To 9999. %



MAT 5731

63.18 keV (n,n') Level
Cross Section

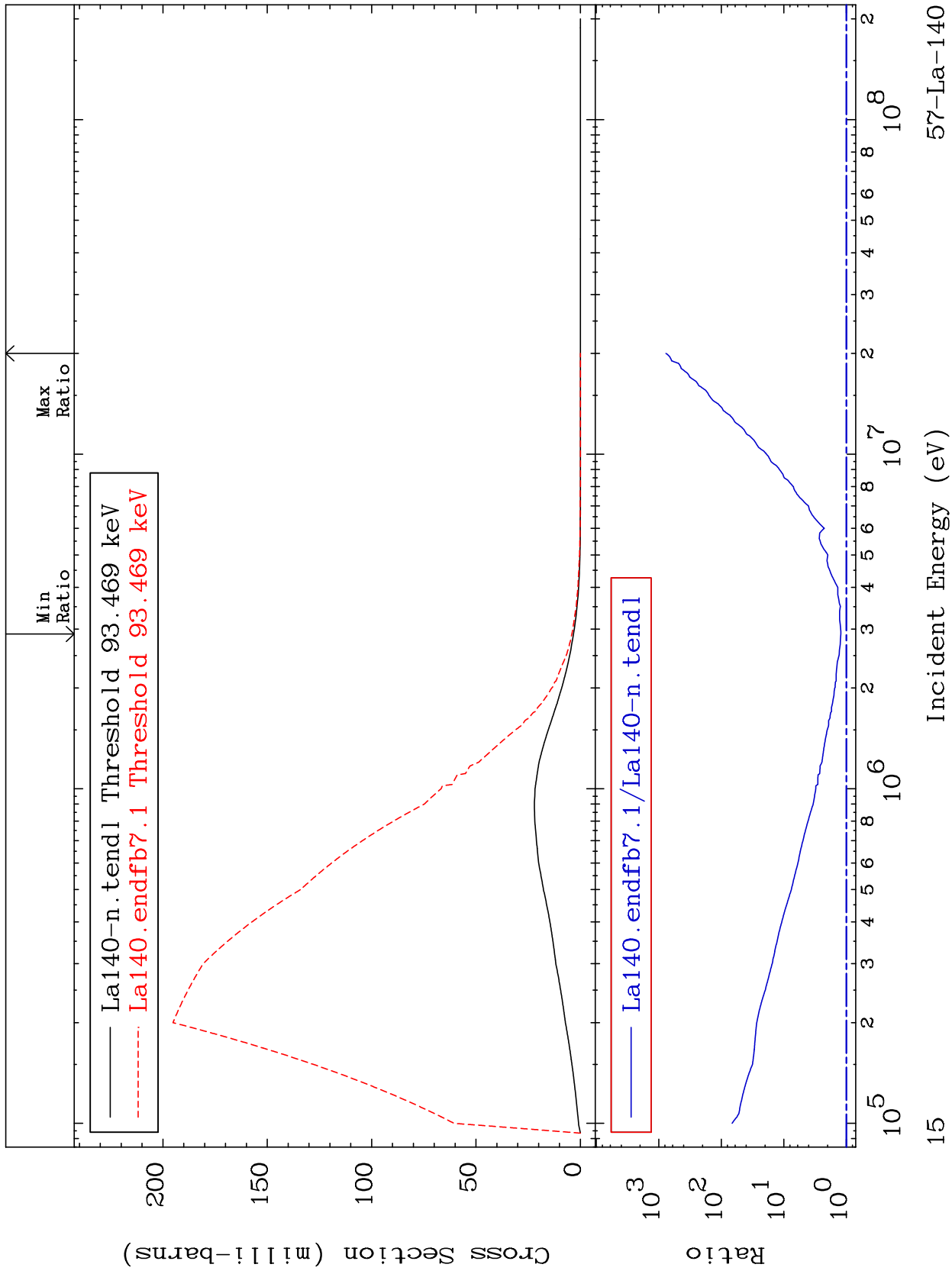
57-La-140
-66.57 To 9999. %



14

57-La-140

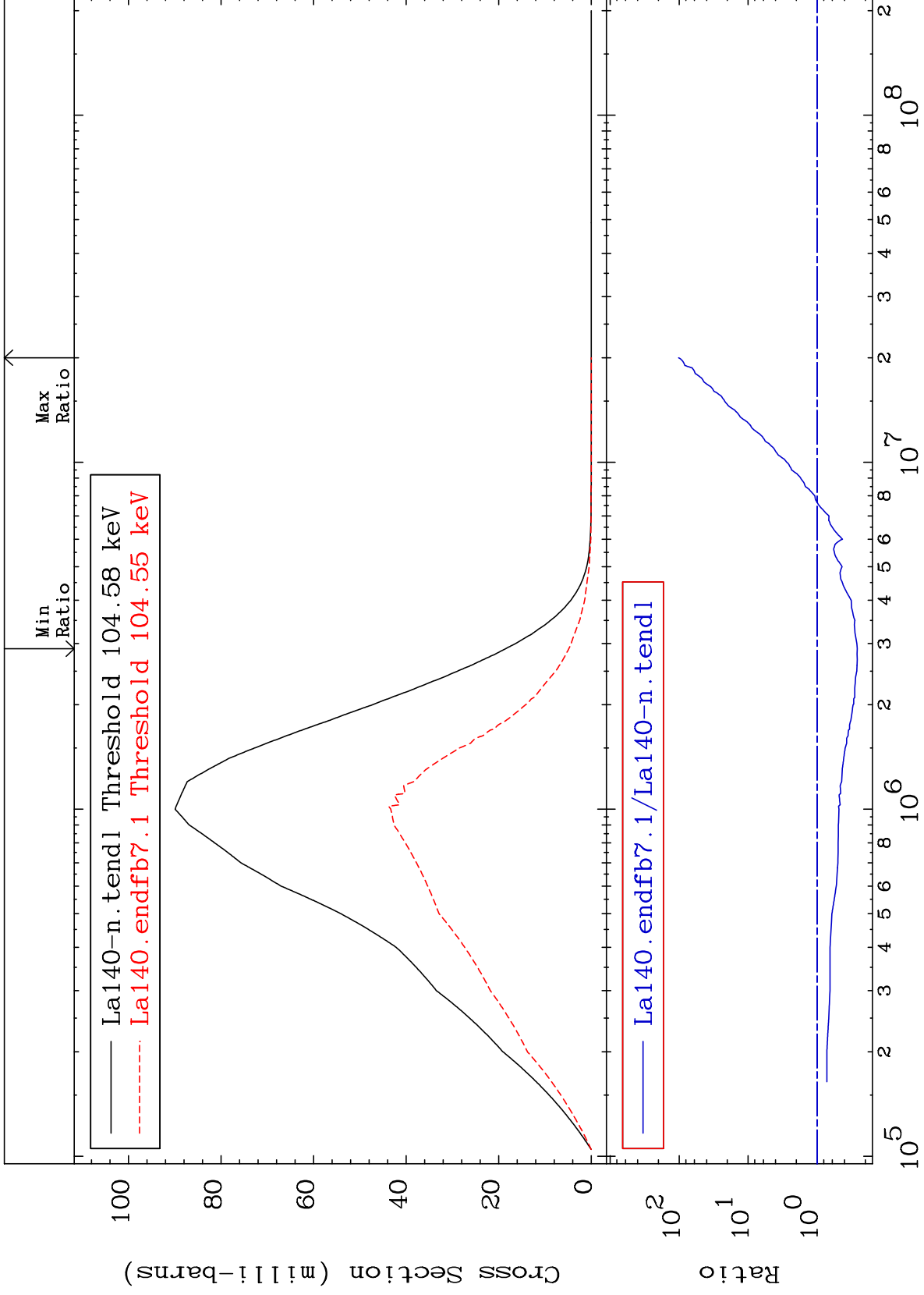
MAT 5731 92.80 keV (n,n') Level 57-La-140
 Cross Section 22.57 To 9999. %



MAT 5731

103.8 keV (n,n') Level
Cross Section

57-La-140
-73.87 To 9999. %



16

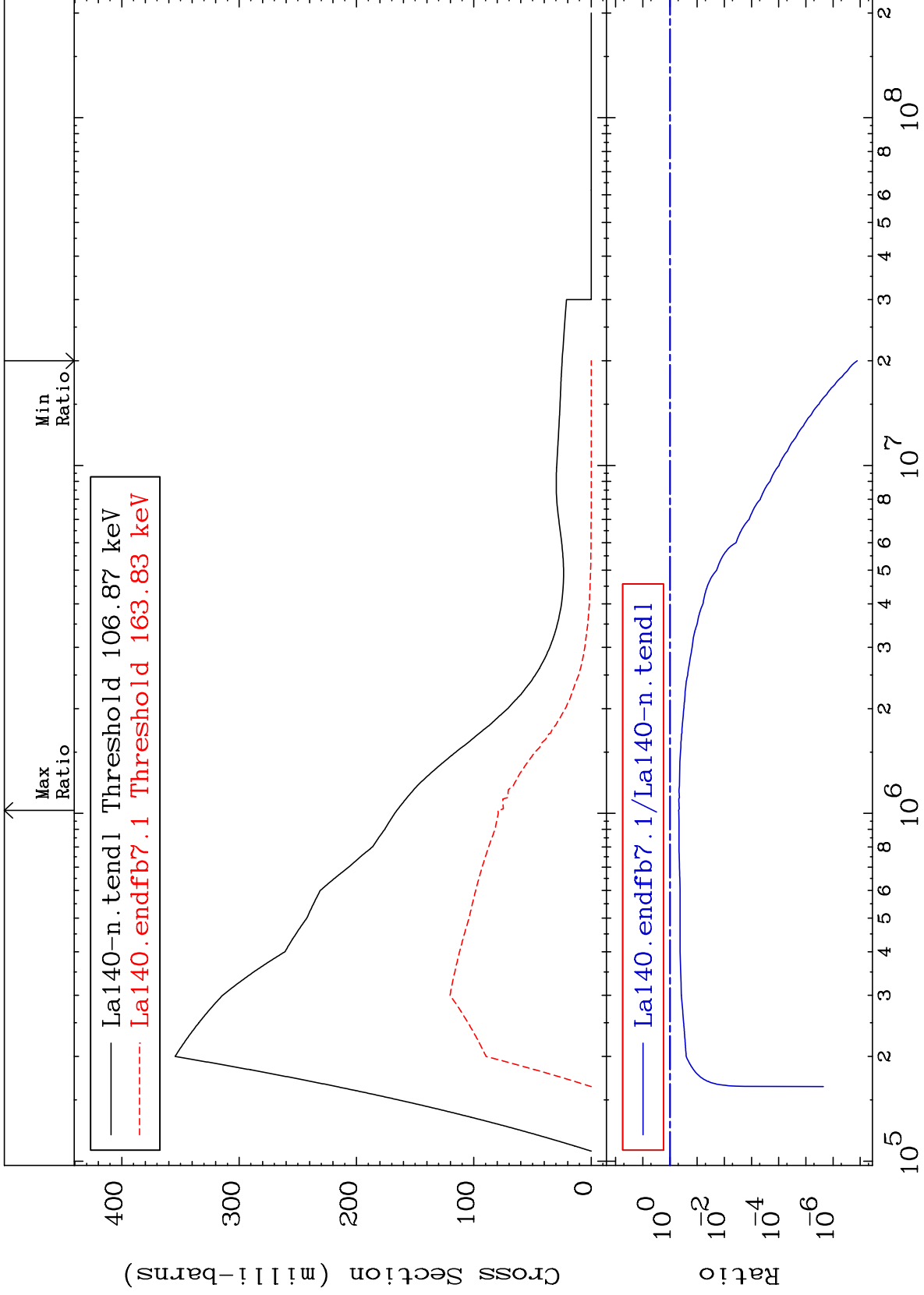
Incident Energy (eV)

57-La-140

MAT 5731

106.1 keV (n,n') Level
Cross Section

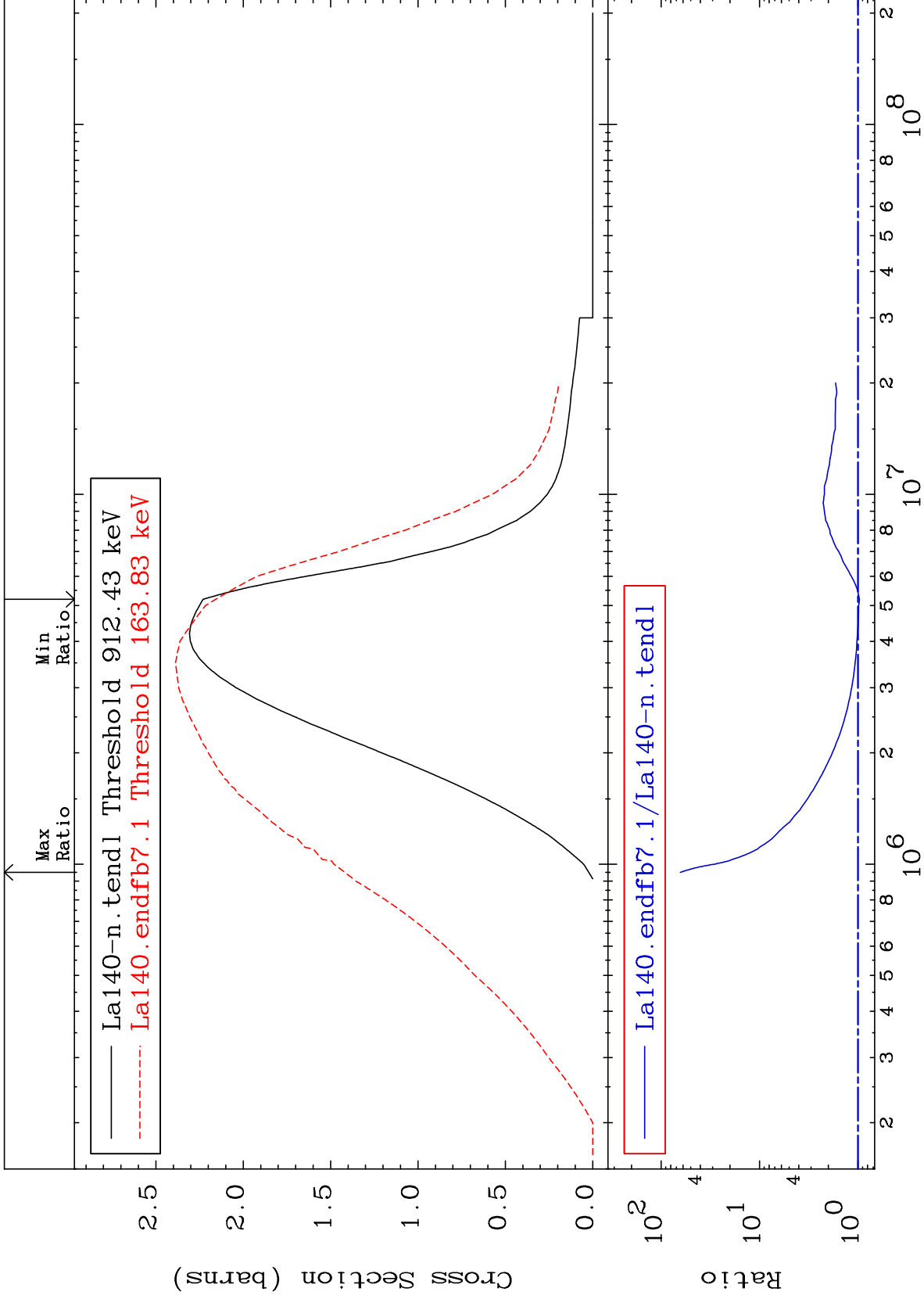
57-La-140
-100.0 To -51.99%



17

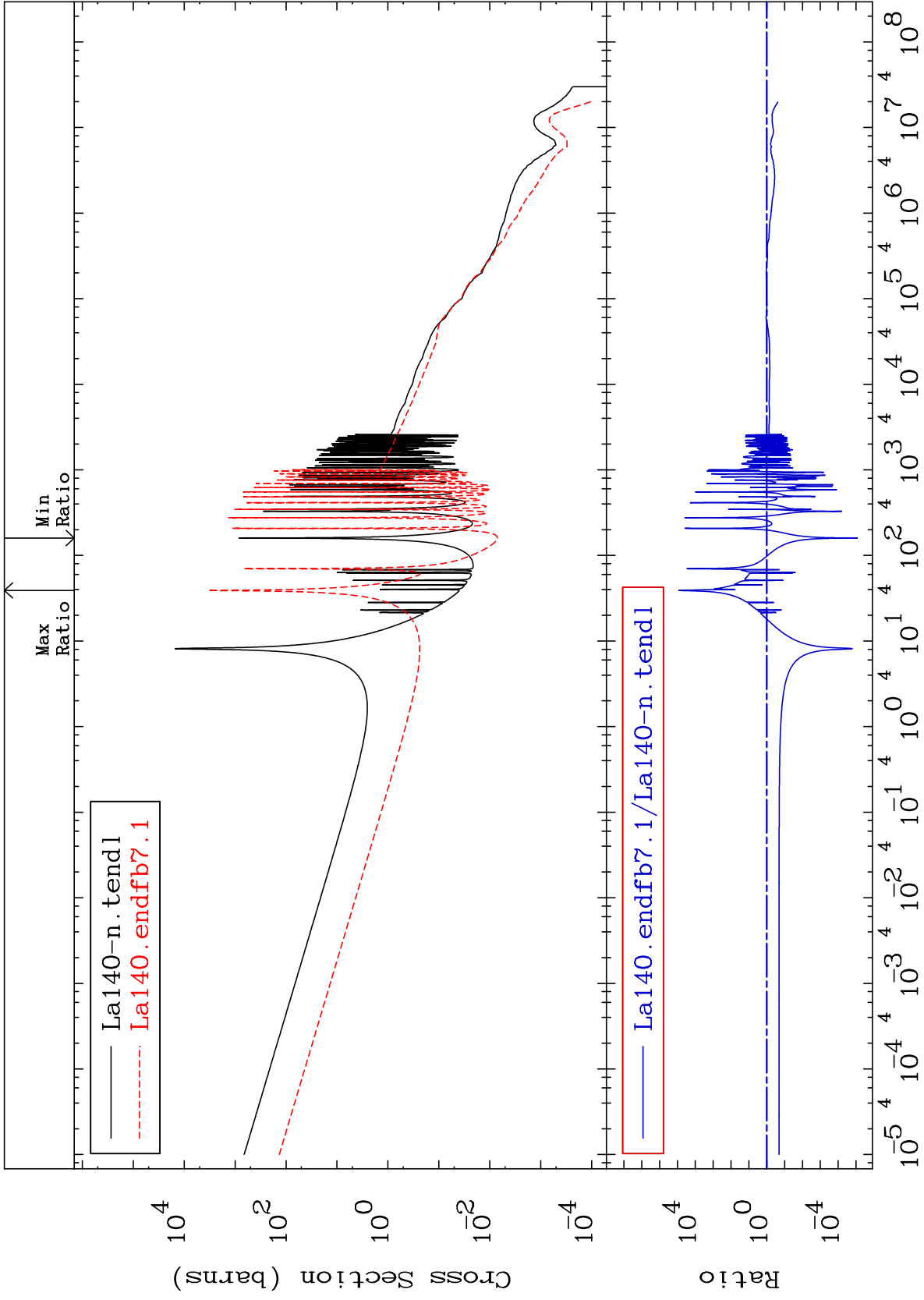
Incident Energy (eV)

57-La-140



MAT 5731

(n, γ)
Cross Section
57-La-140
-100.0 To 9999. %



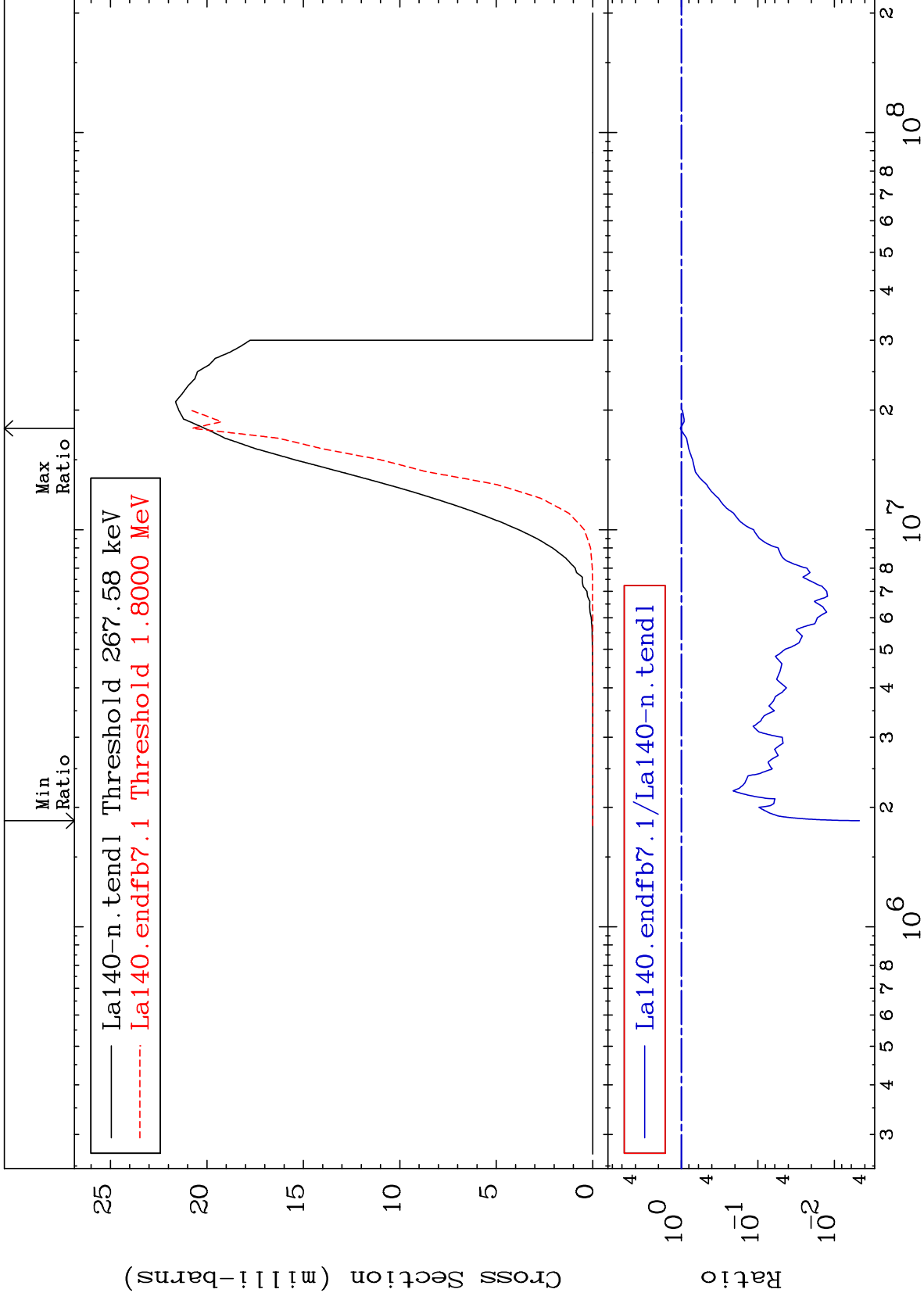
MAT 5731

(n, p)

57-La-140

Cross Section

-99.53 To 3.245 %



20

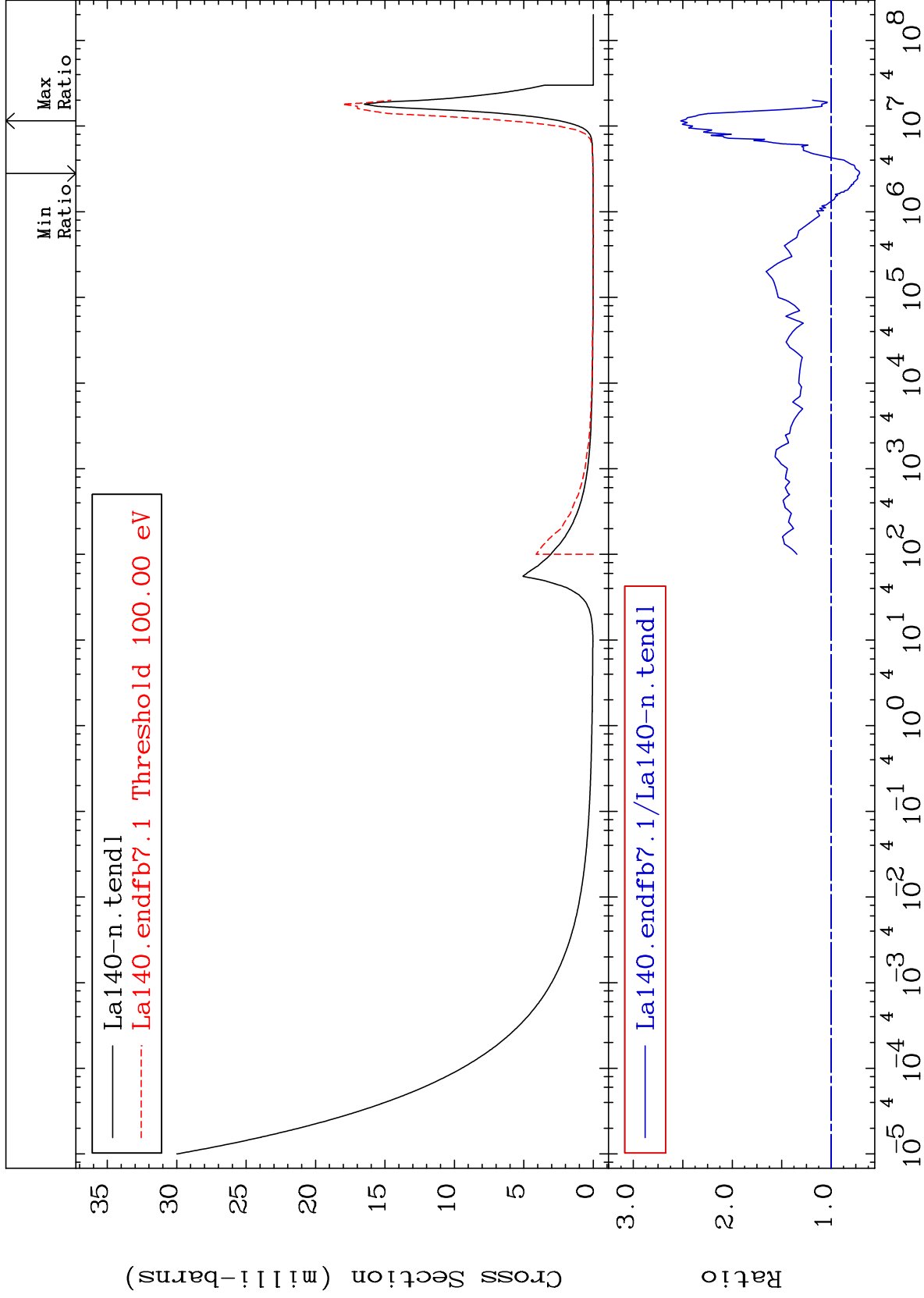
Incident Energy (eV)

57-La-140

MAT 5731

(n, α)
Cross Section

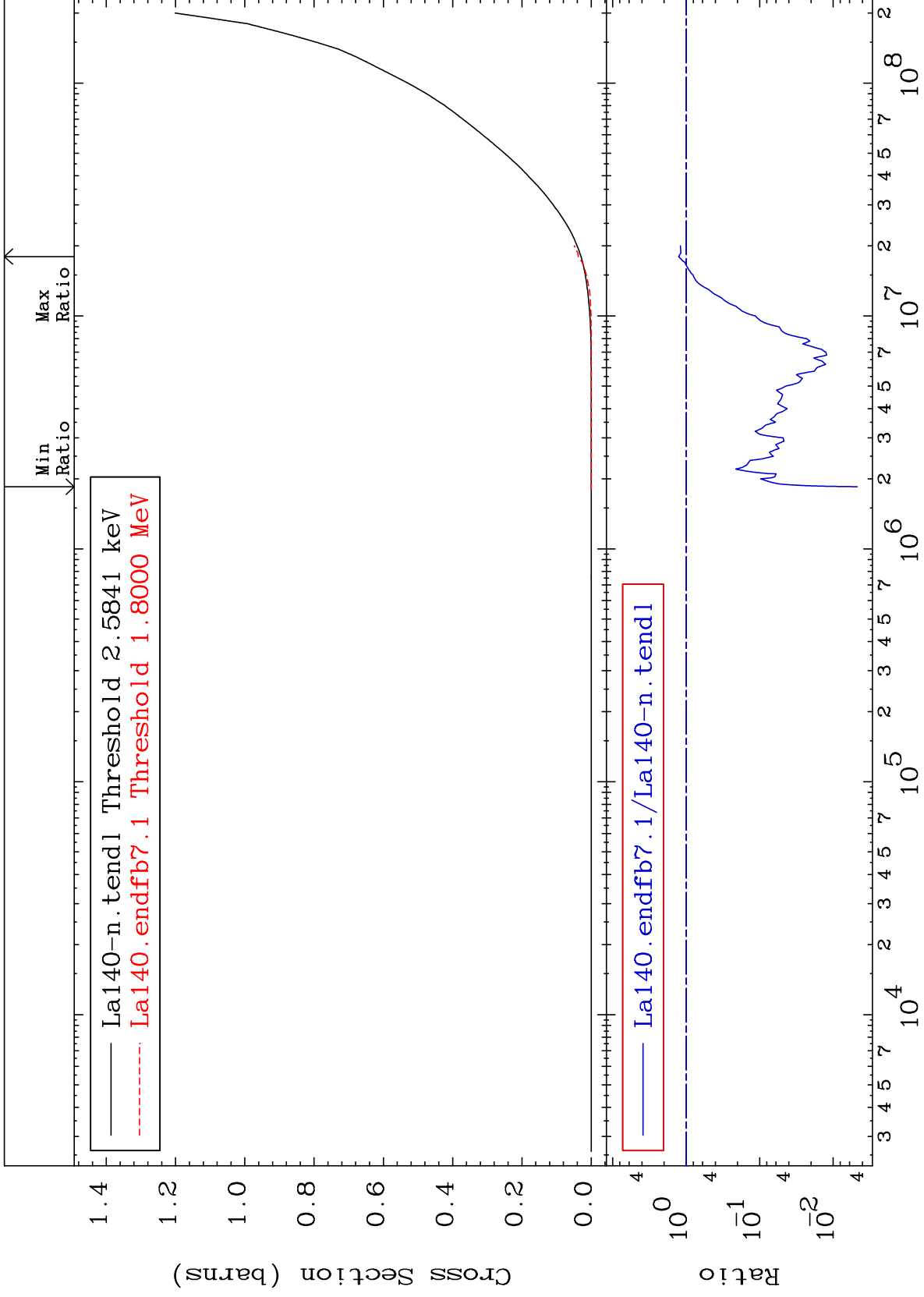
57-La-140
-28.74 To 152.1 %



21

Incident Energy (eV)

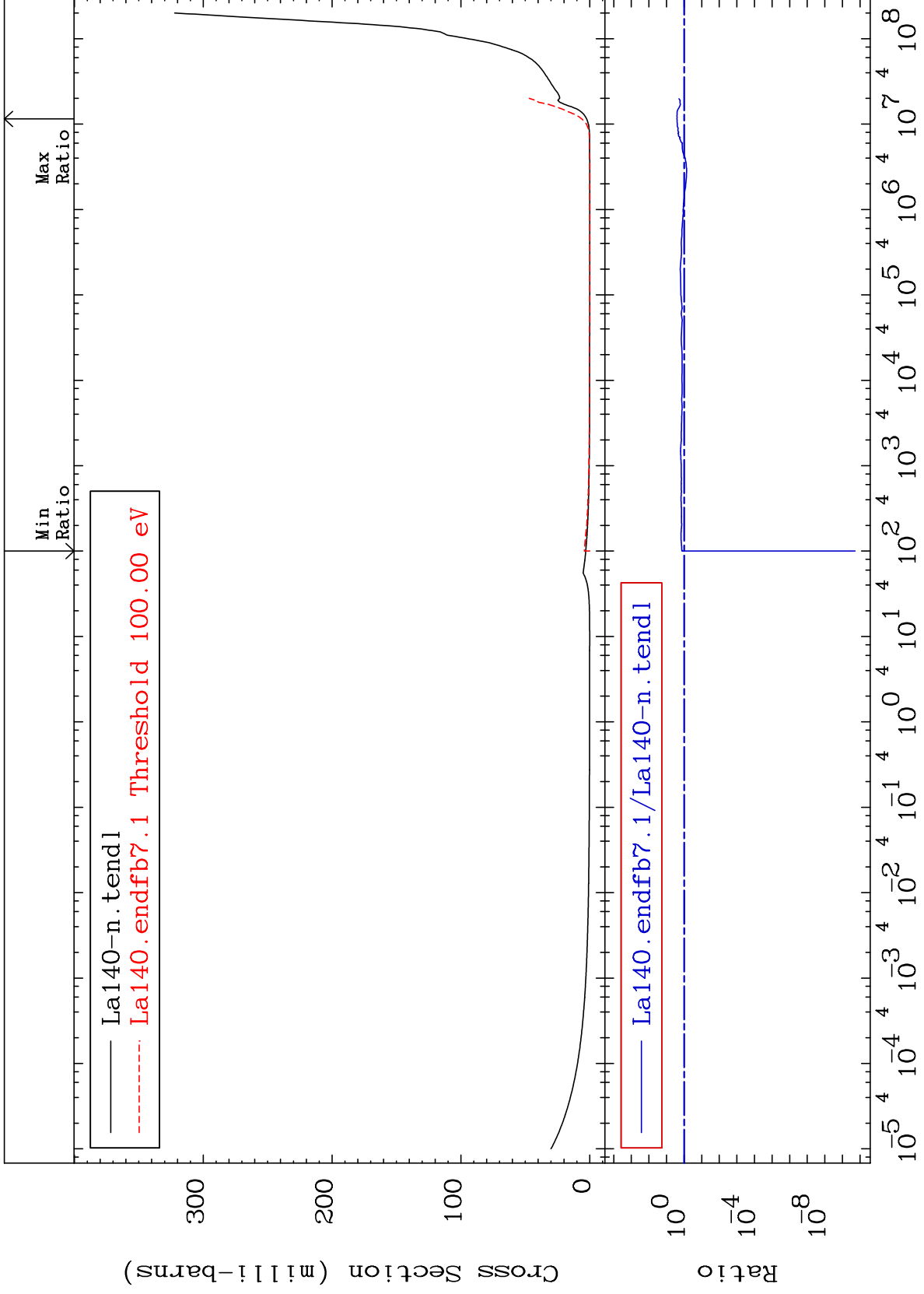
57-La-140



MAT 5731

He-4 Production
Cross Section

57-La-140
-100.0 To 155.5 %

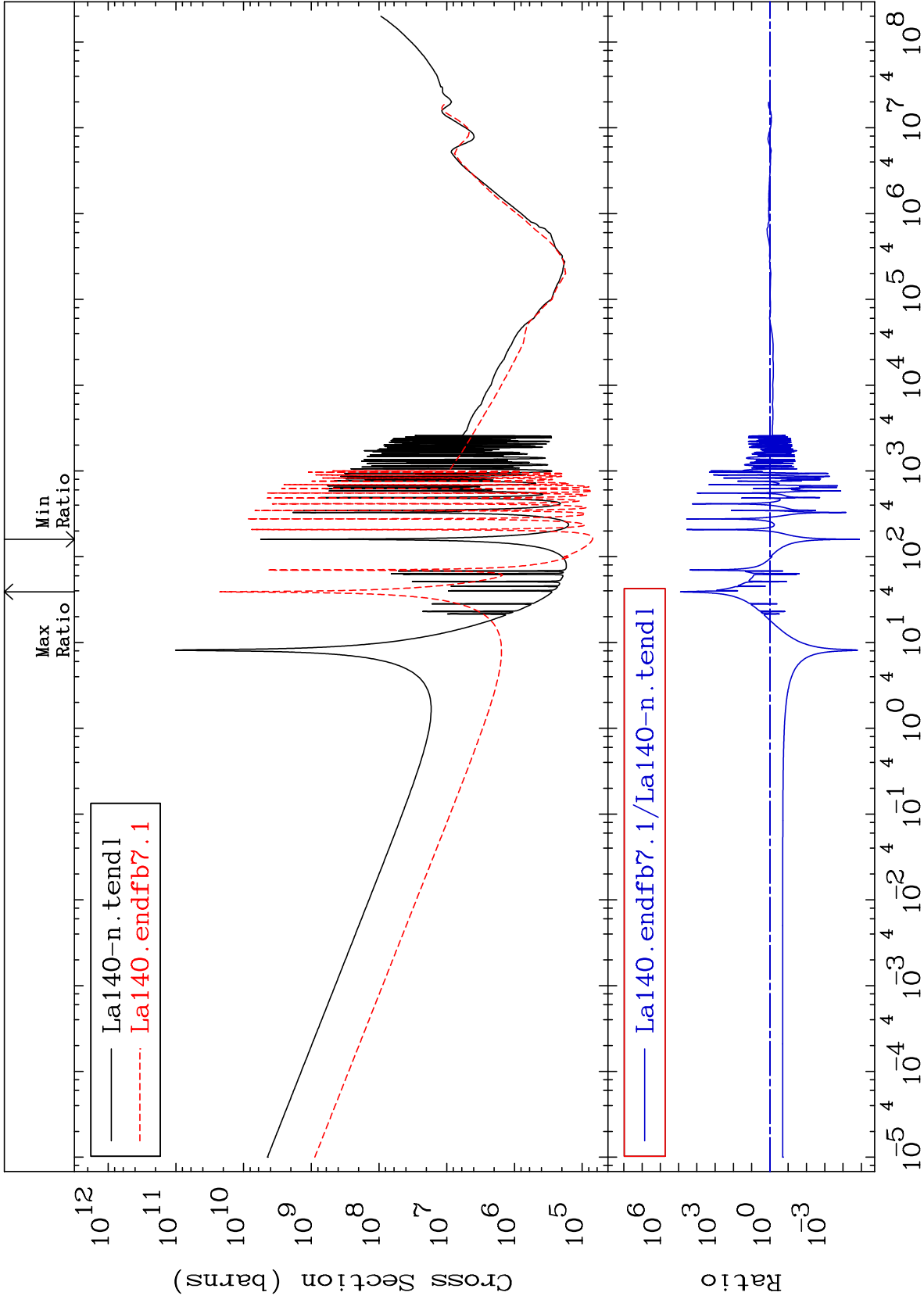


MAT 5731

Kerma total (eV-barns)

57-La-140

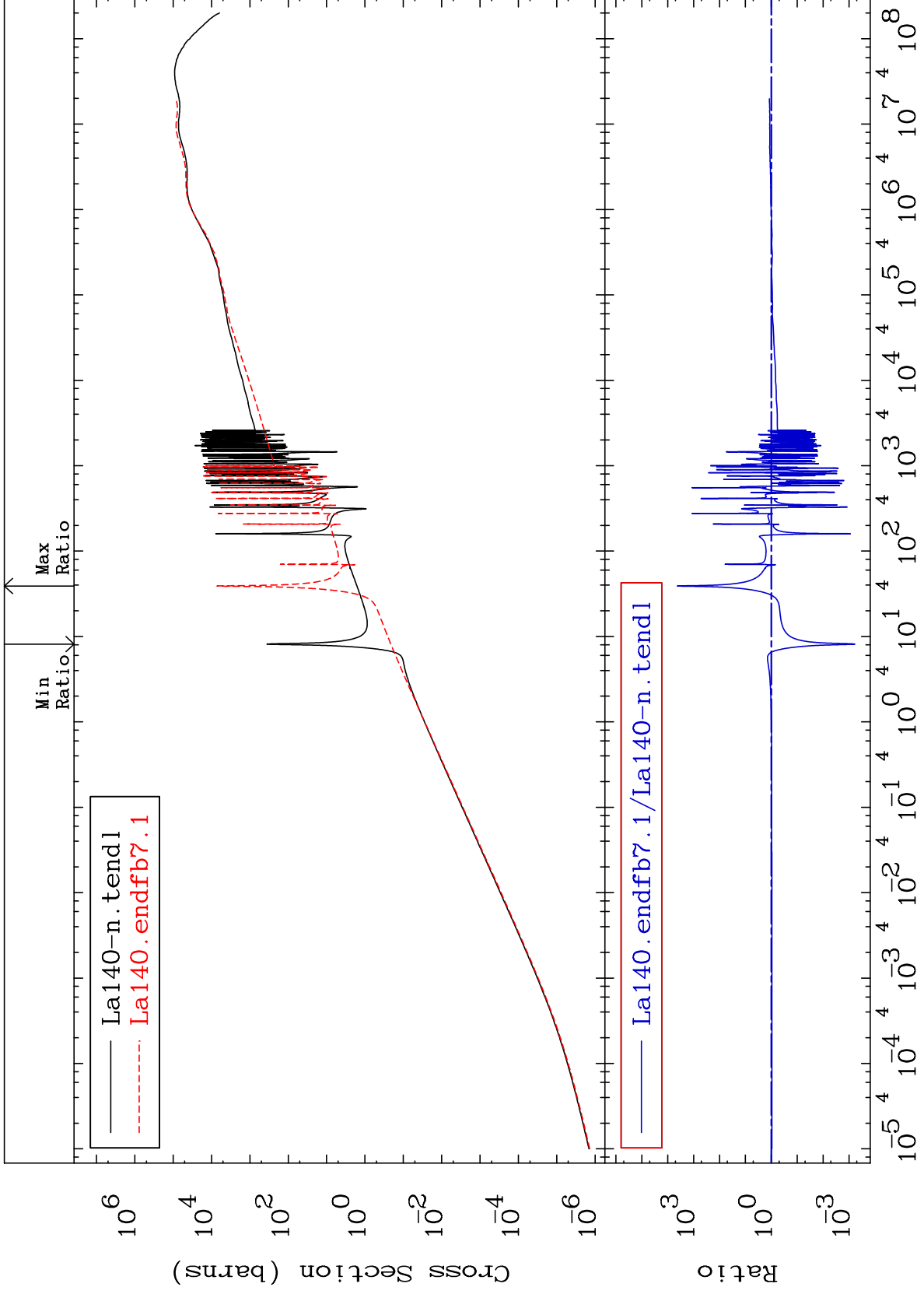
-100.0 To 9999. %

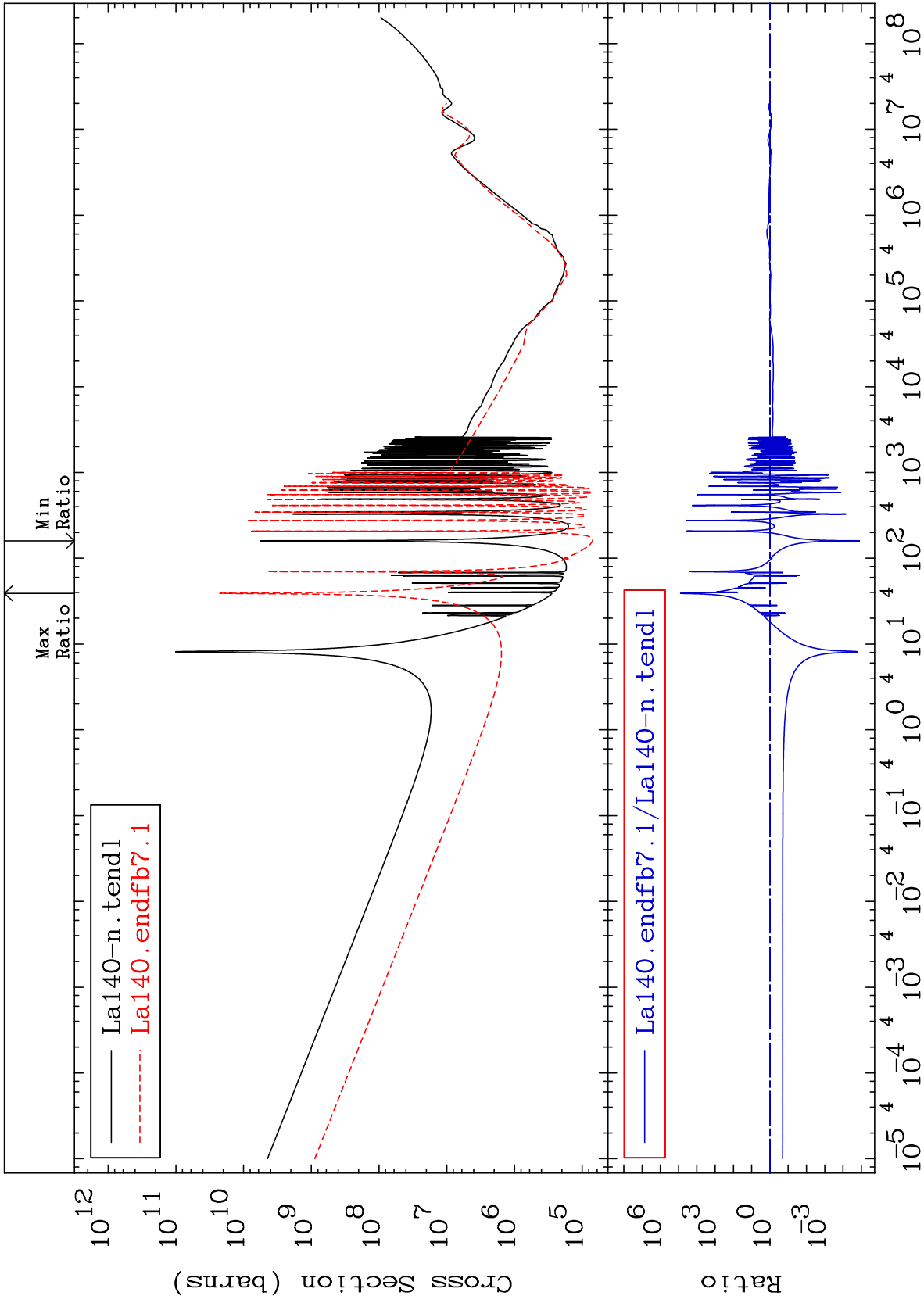


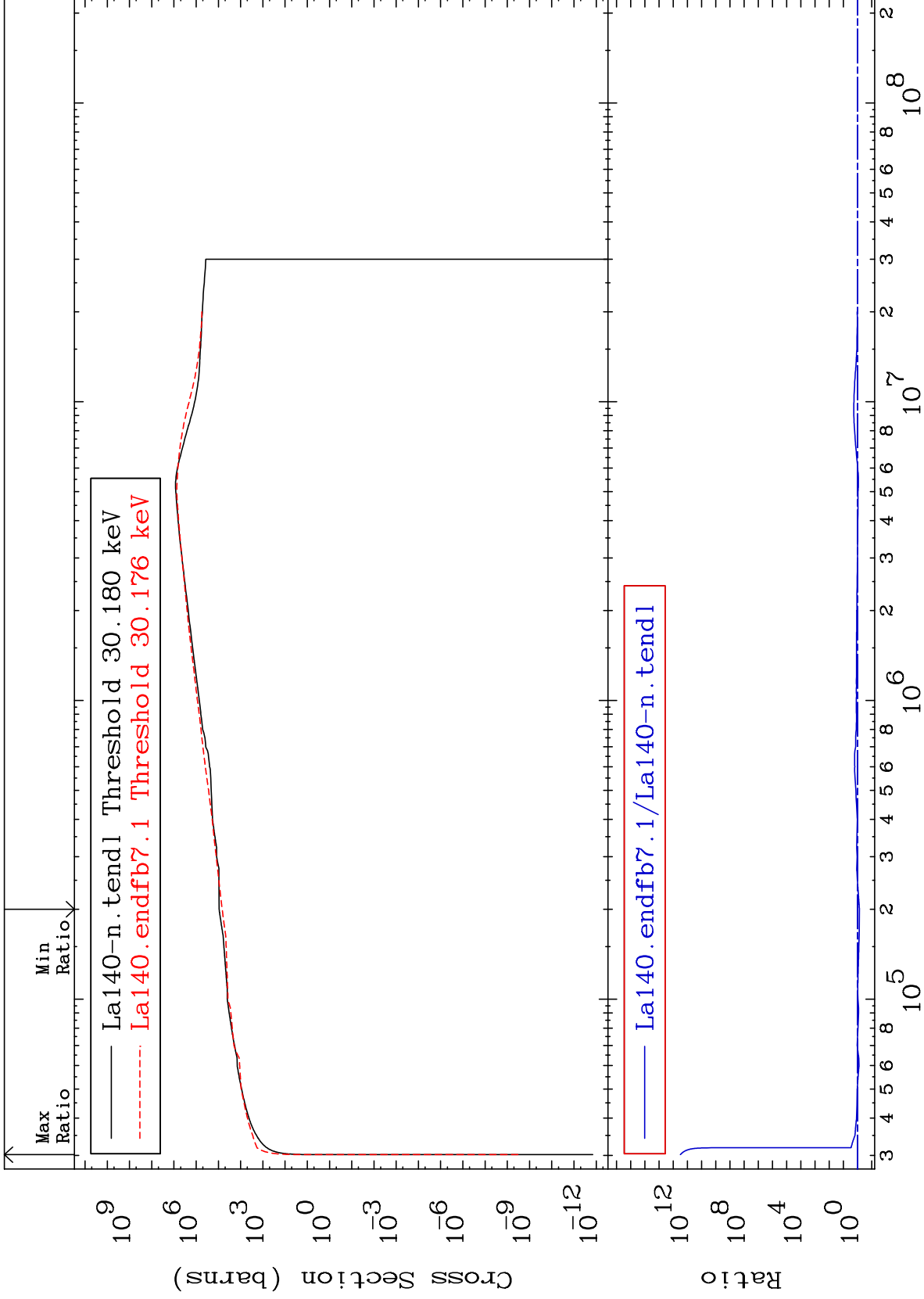
MAT 5731

Kerma elastic
Cross Section

57-La-140
-99.94 To 9999. %



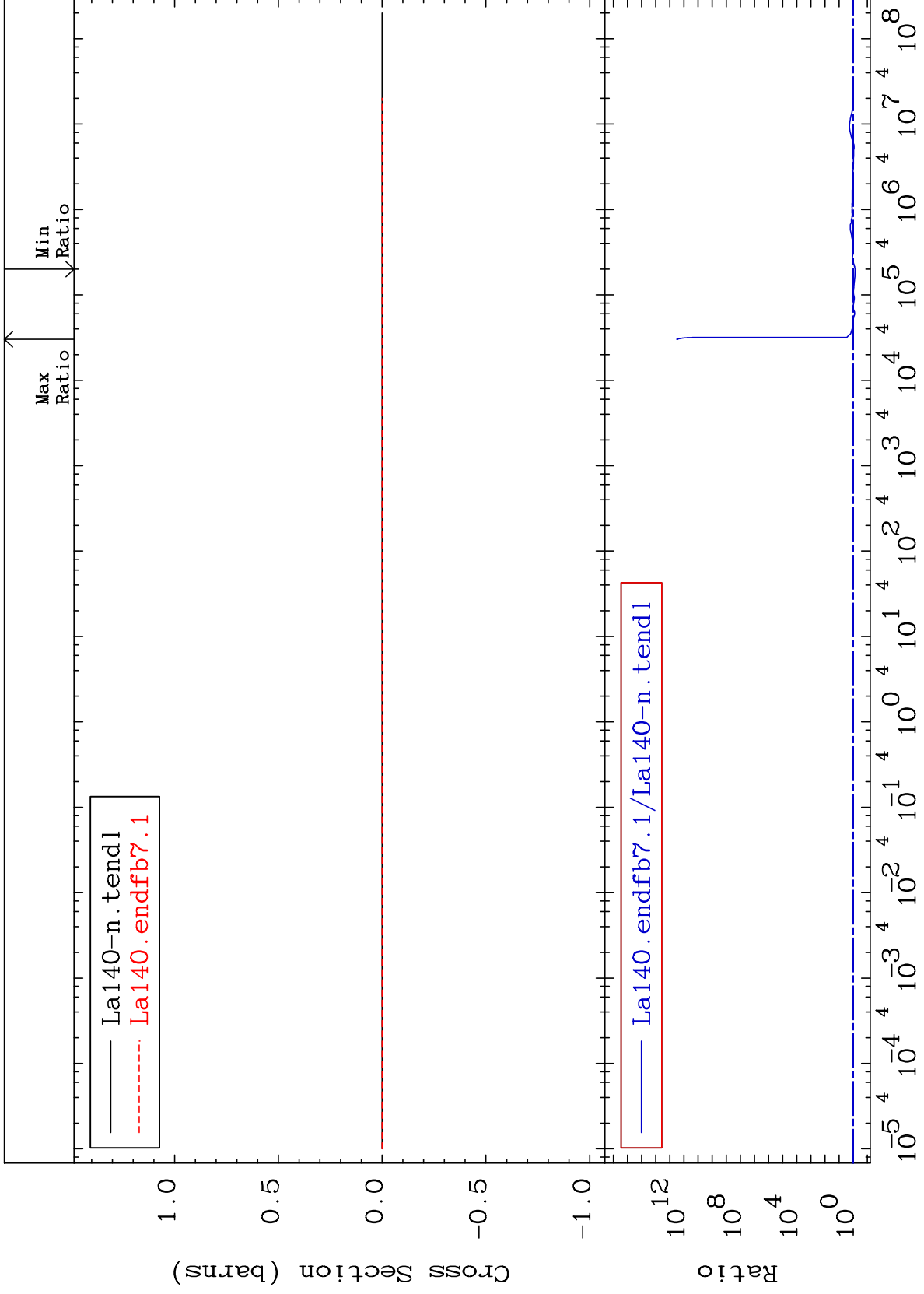


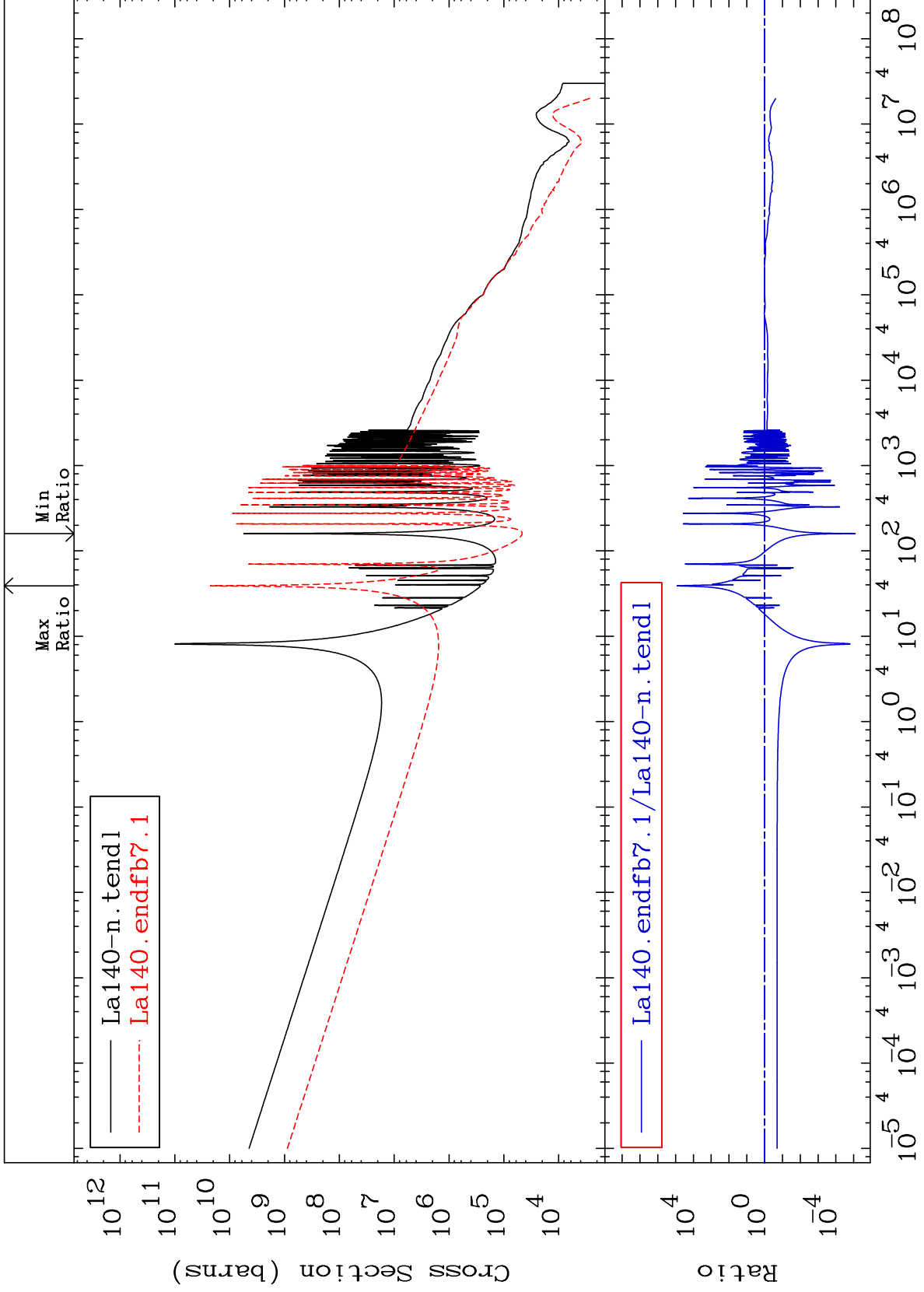


MAT 5731

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

57-La-140
-27.16 To 9999. %



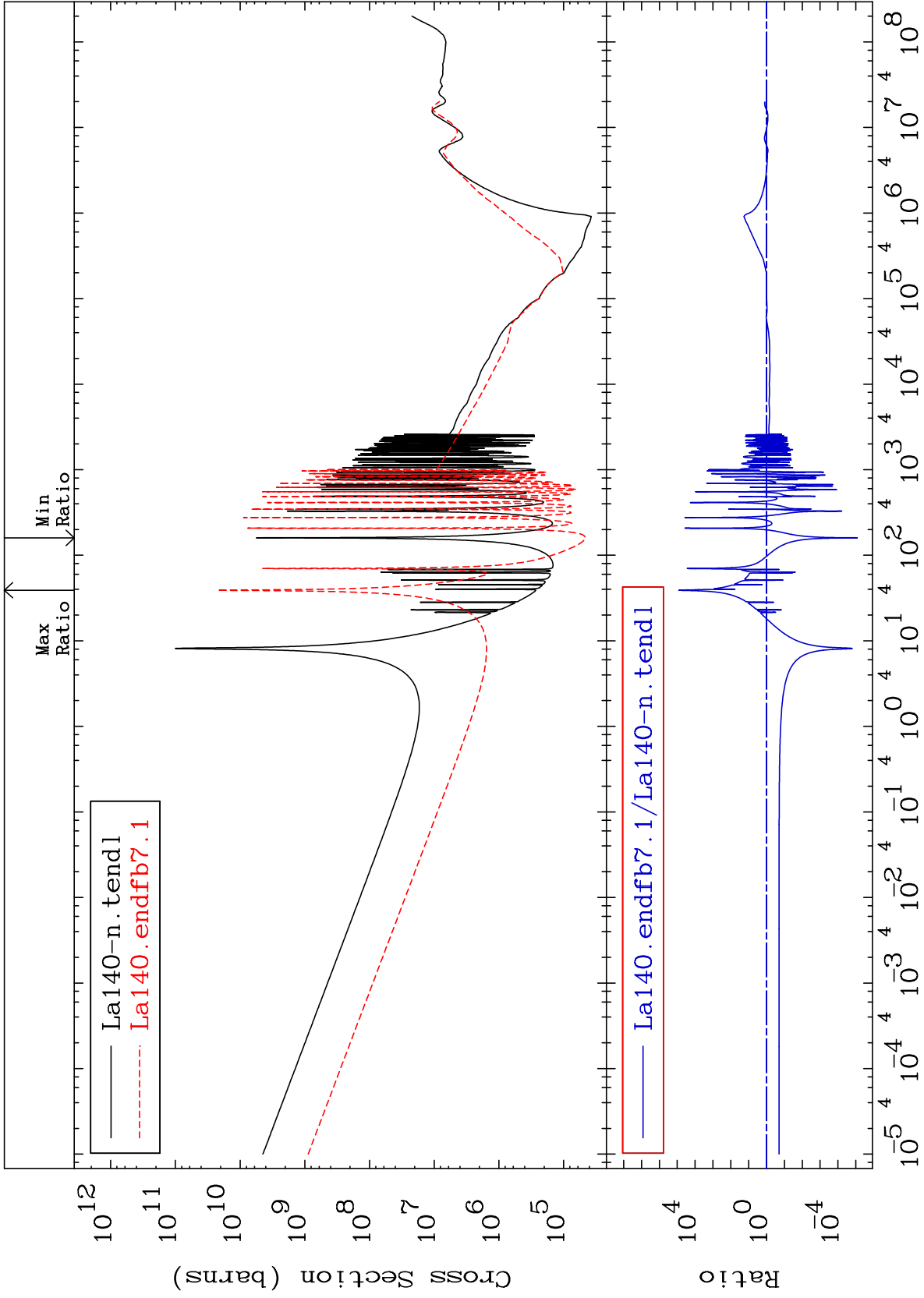


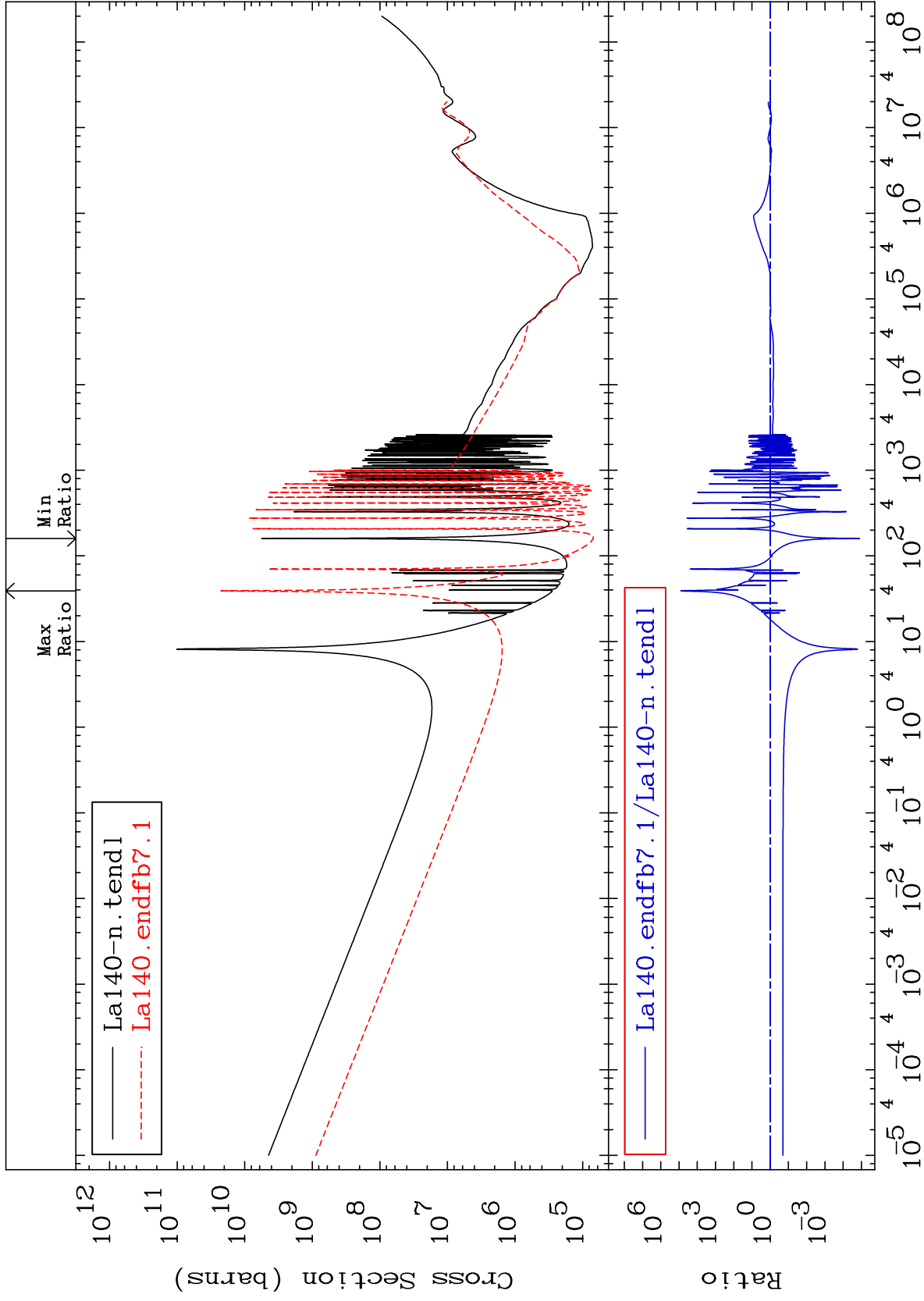
MAT 5731

Total photon (eV-barns)

57-La-140

-100.0 To 9999. %





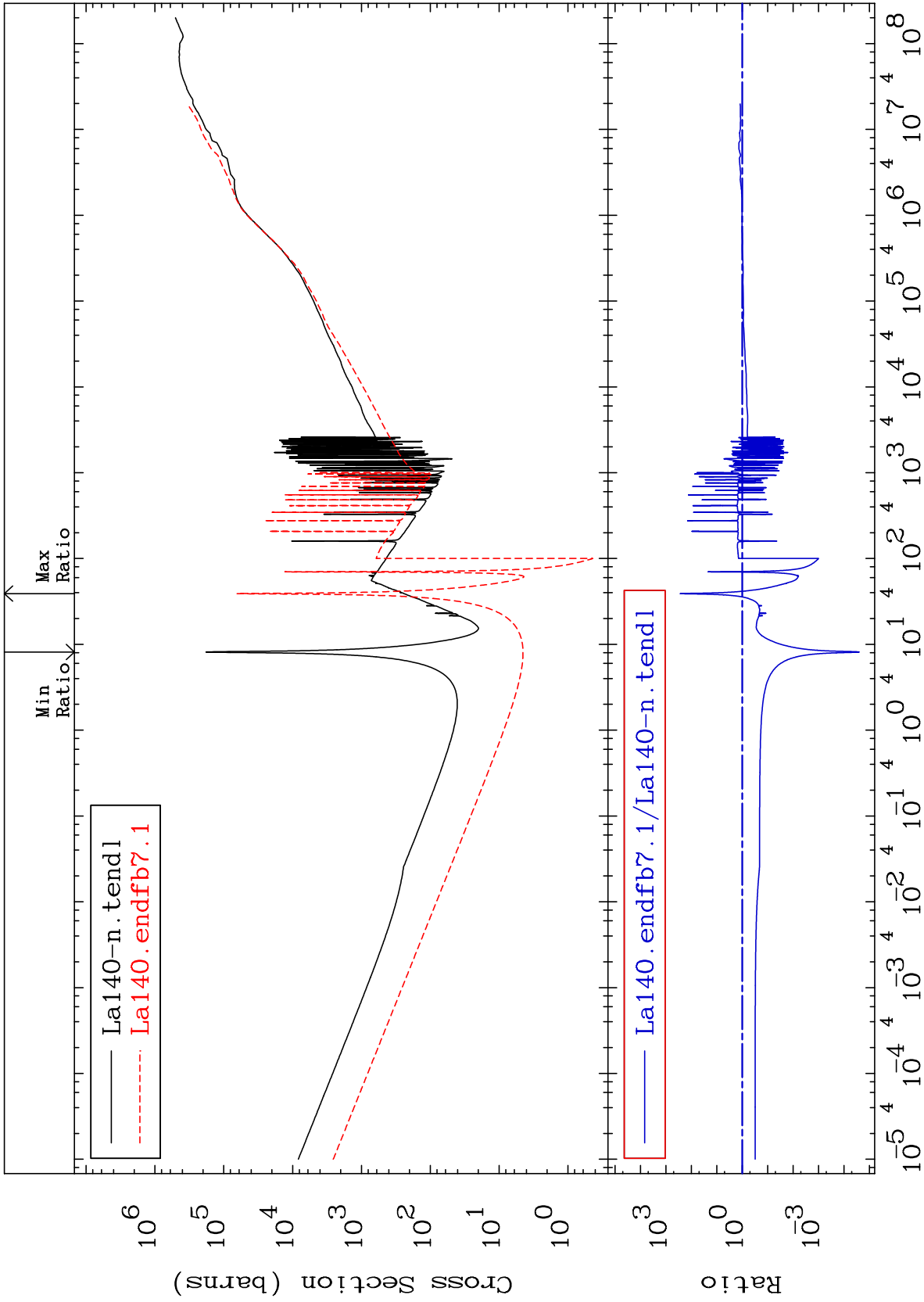
MAT 5731

Dpa total (eV-barns)

57-La-140

-100.0 To 9999. %

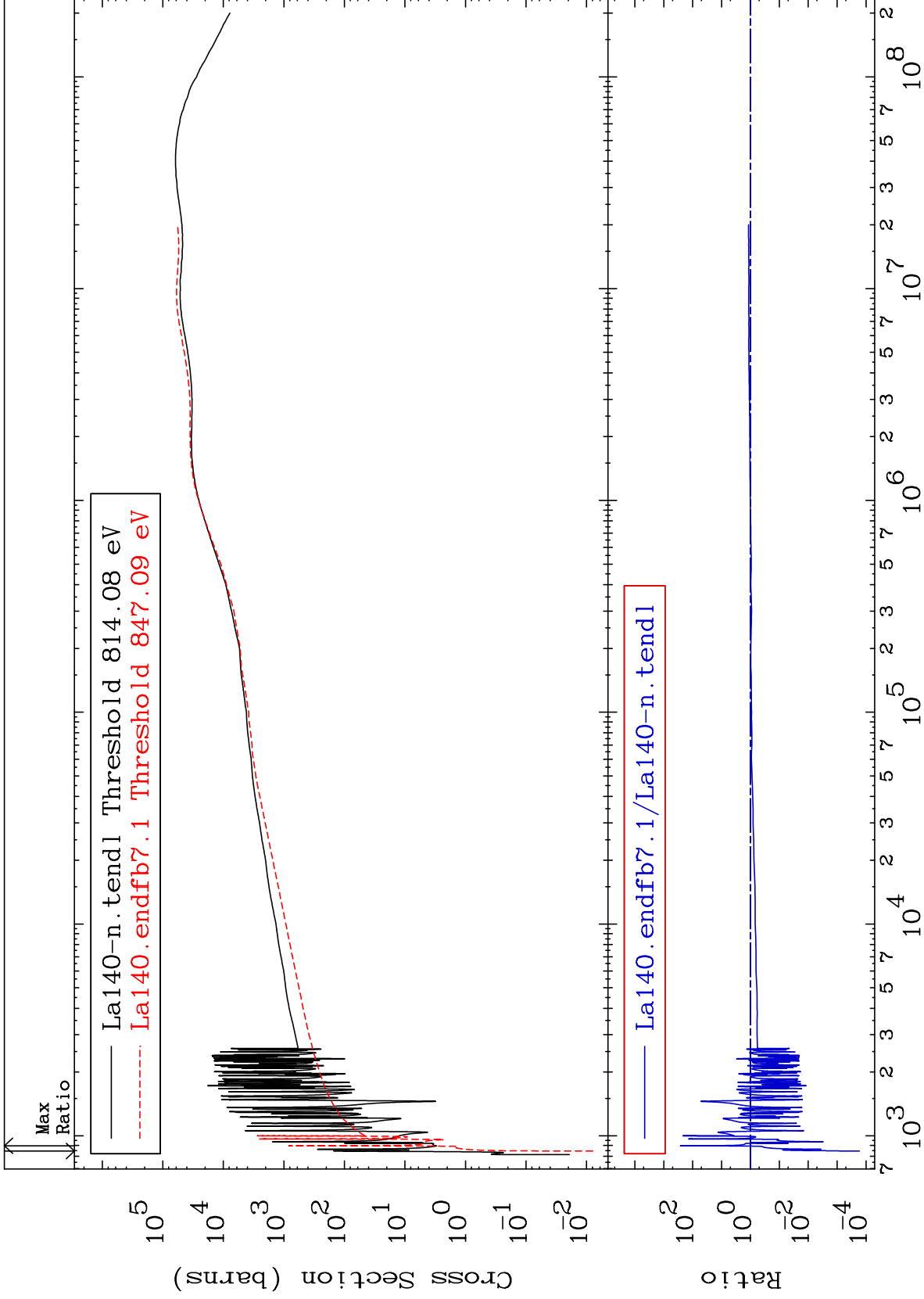
Cross Section

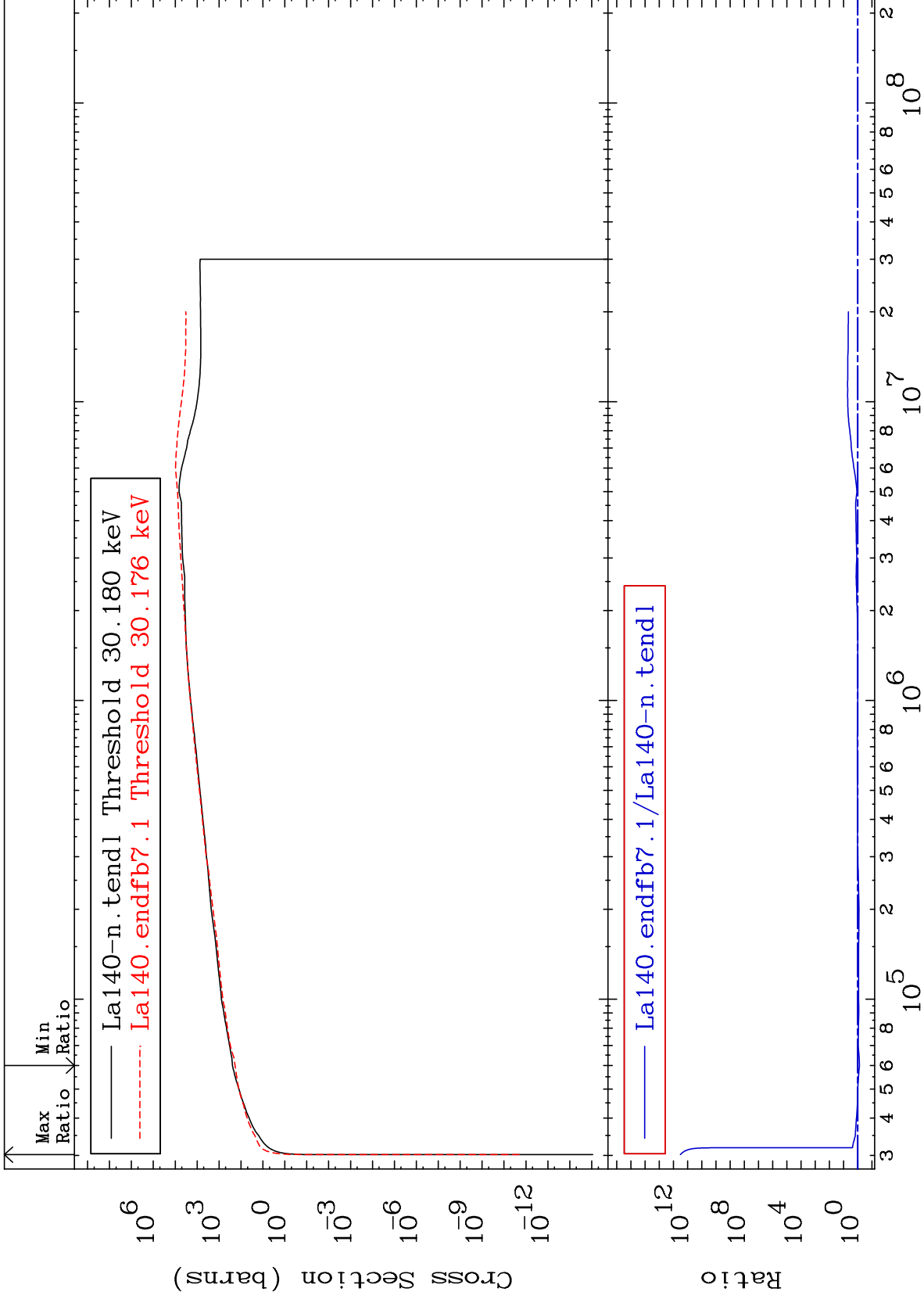


MAT 5731

Dpa elastic (mt2)
Cross Section

57-La-140
-99.98 To 9999. %





MAT 5731

Dpa disappearance (mt102 -120)
Cross Section

57-La-140
-100.0 To 9999. %

