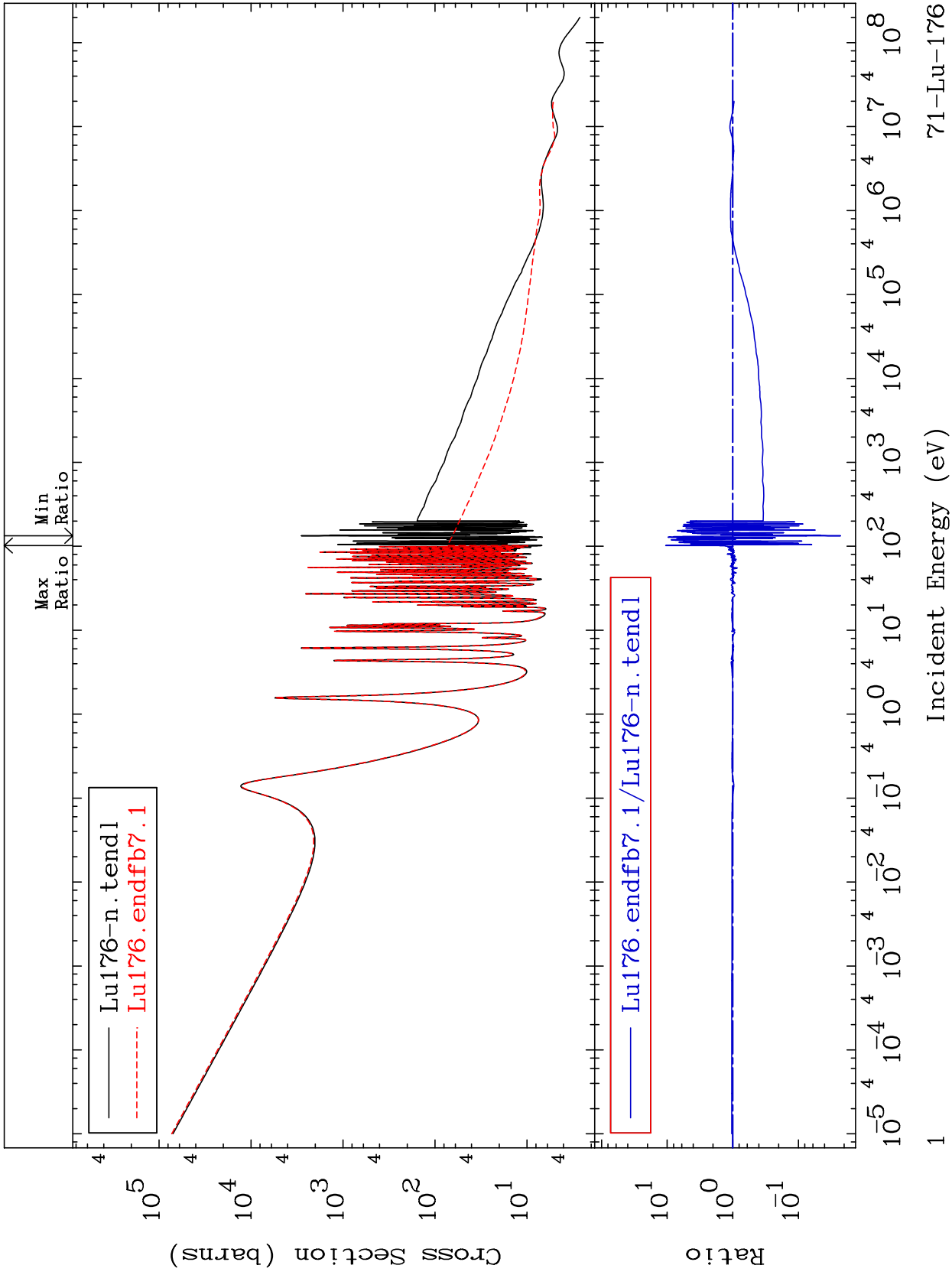


MAT 7128

Total Cross Section
71-Lu-176
-97.73 To 960.3 %

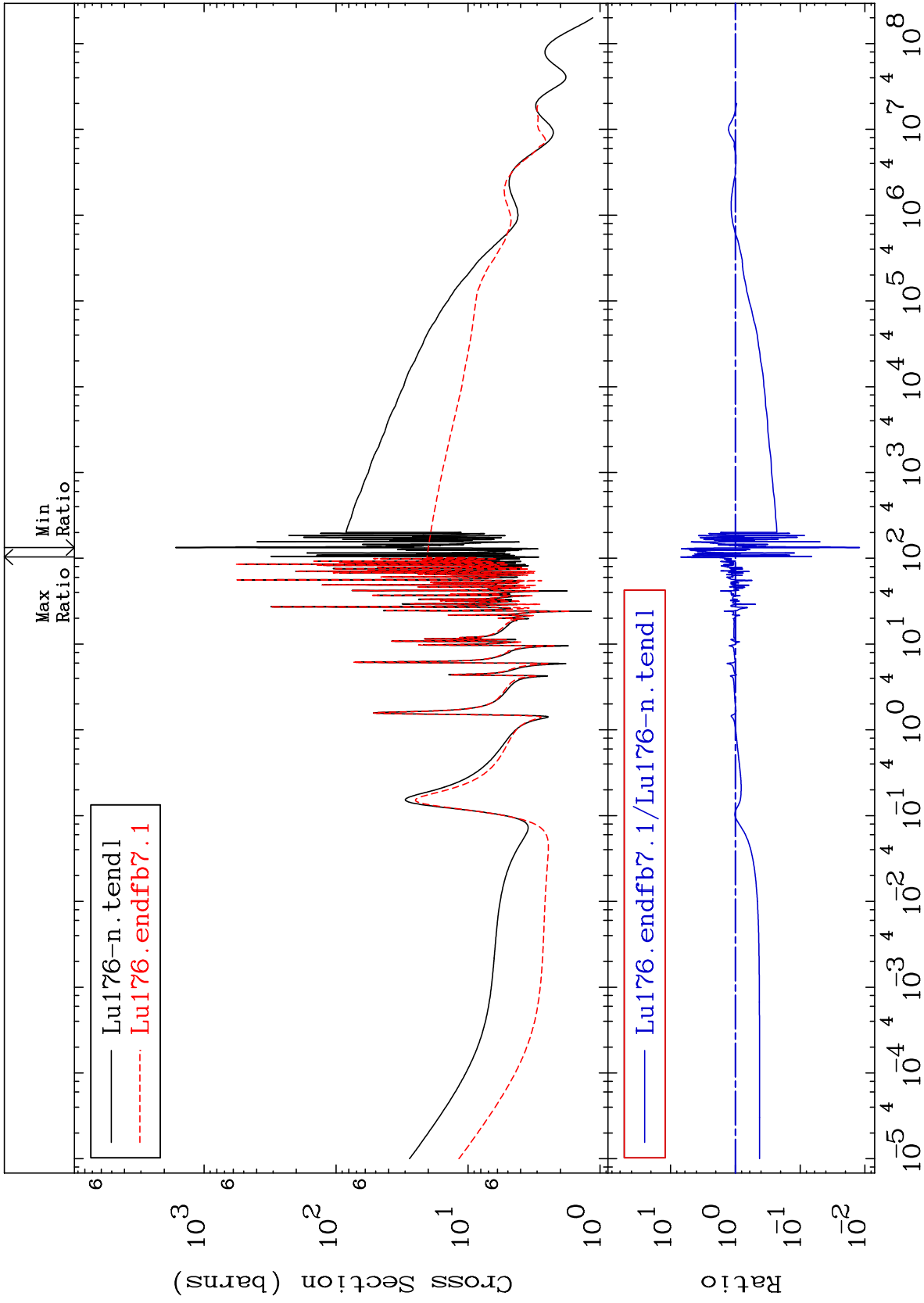


71-Lu-176

MAT 7128

Elastic
Cross Section

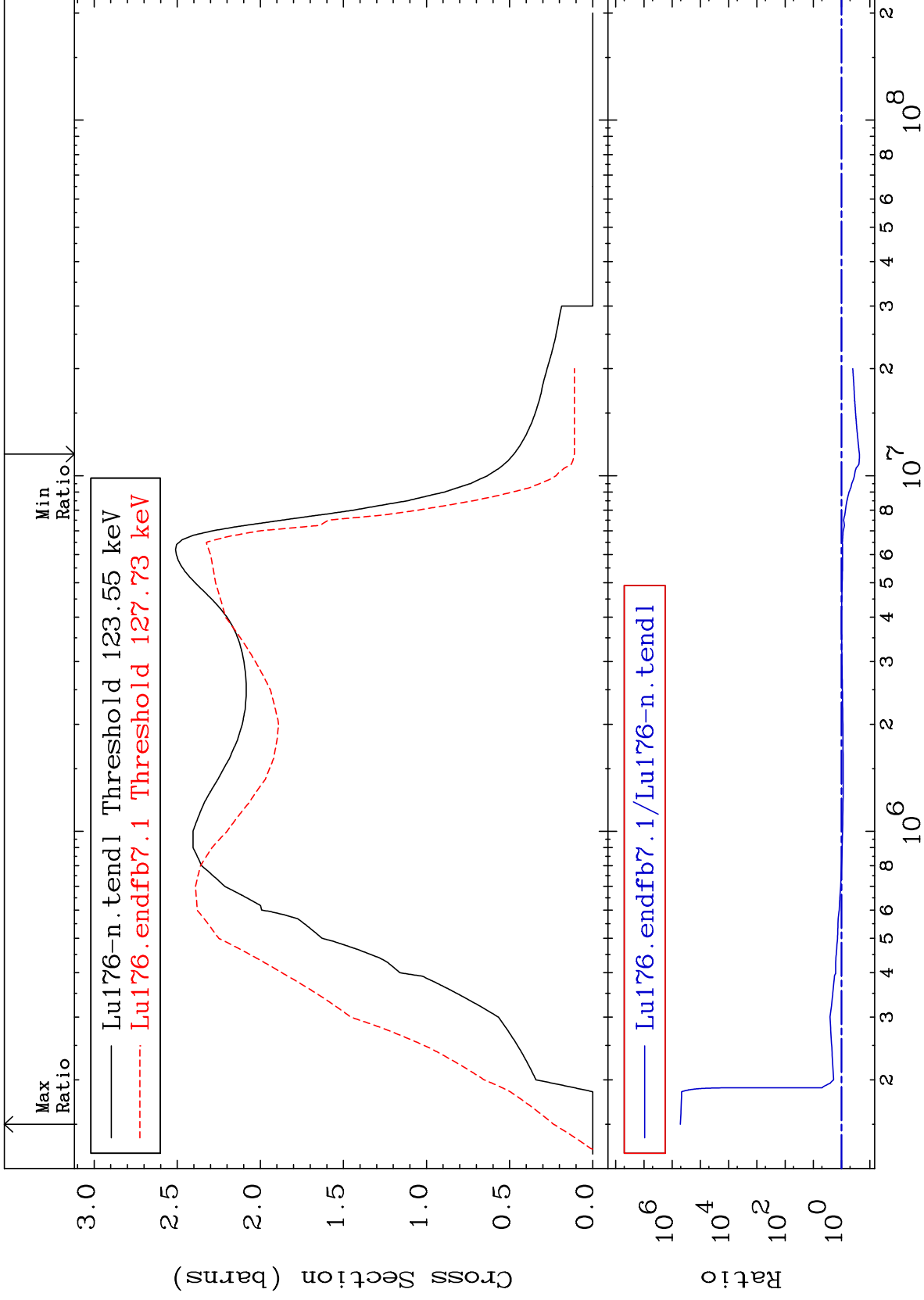
71-Lu-176
-98.78 To 604.8 %



MAT 7128

Inelastic
Cross Section

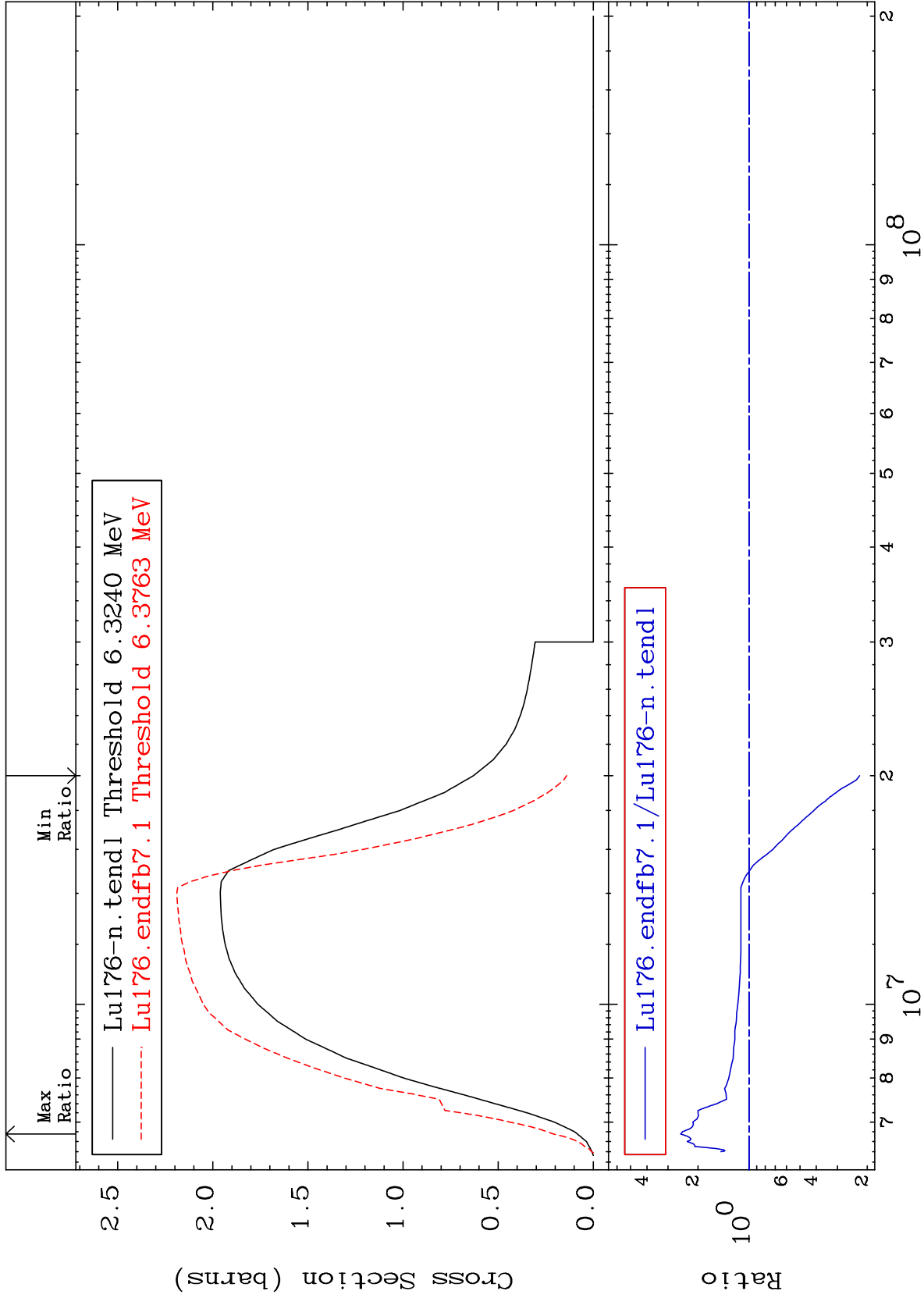
71-Lu-176
-76.78 To 9999. %

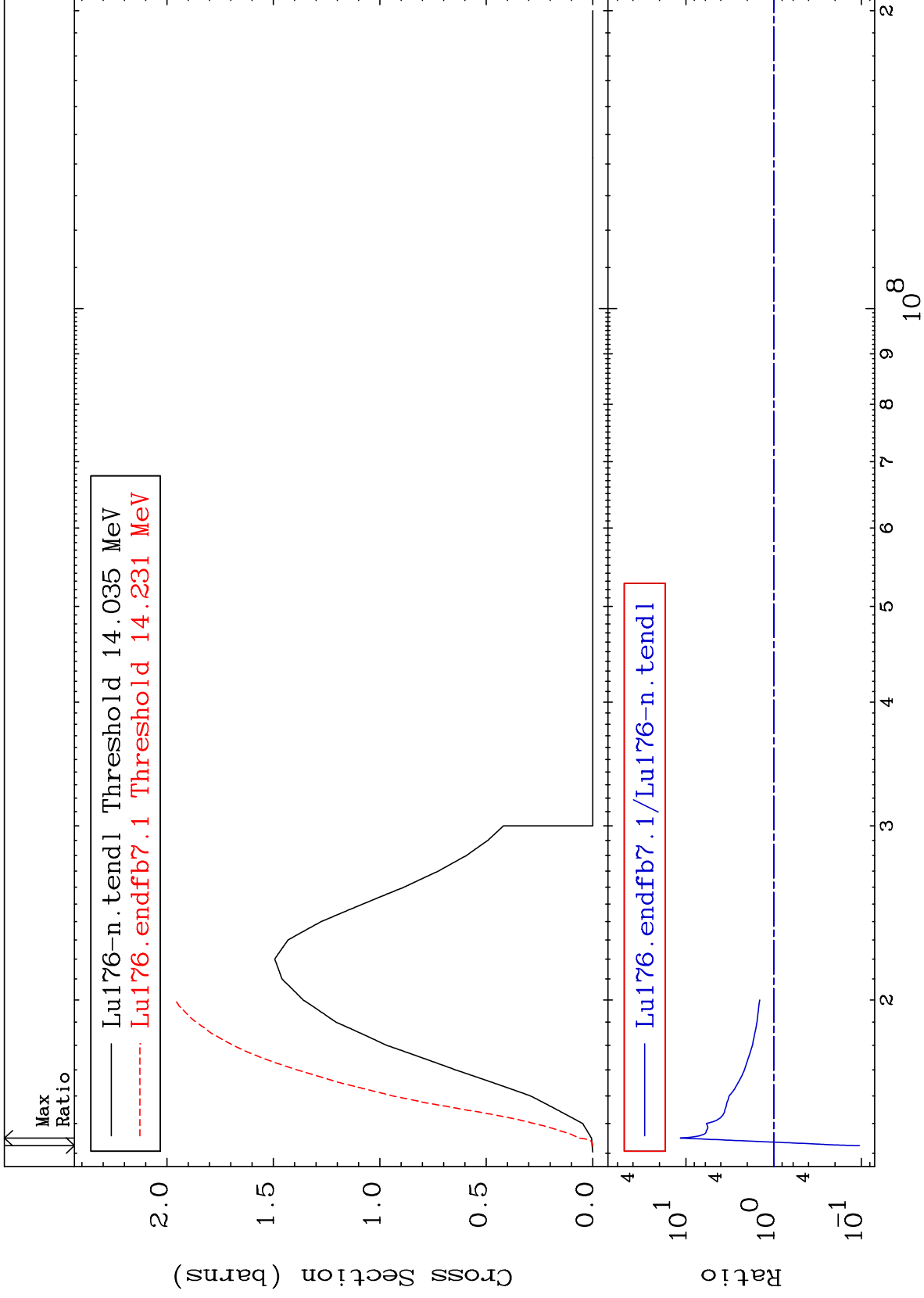


MAT 7128

(n,2n)
Cross Section

⁷¹Lu-¹⁷⁶
-77.77 To 152.5 %

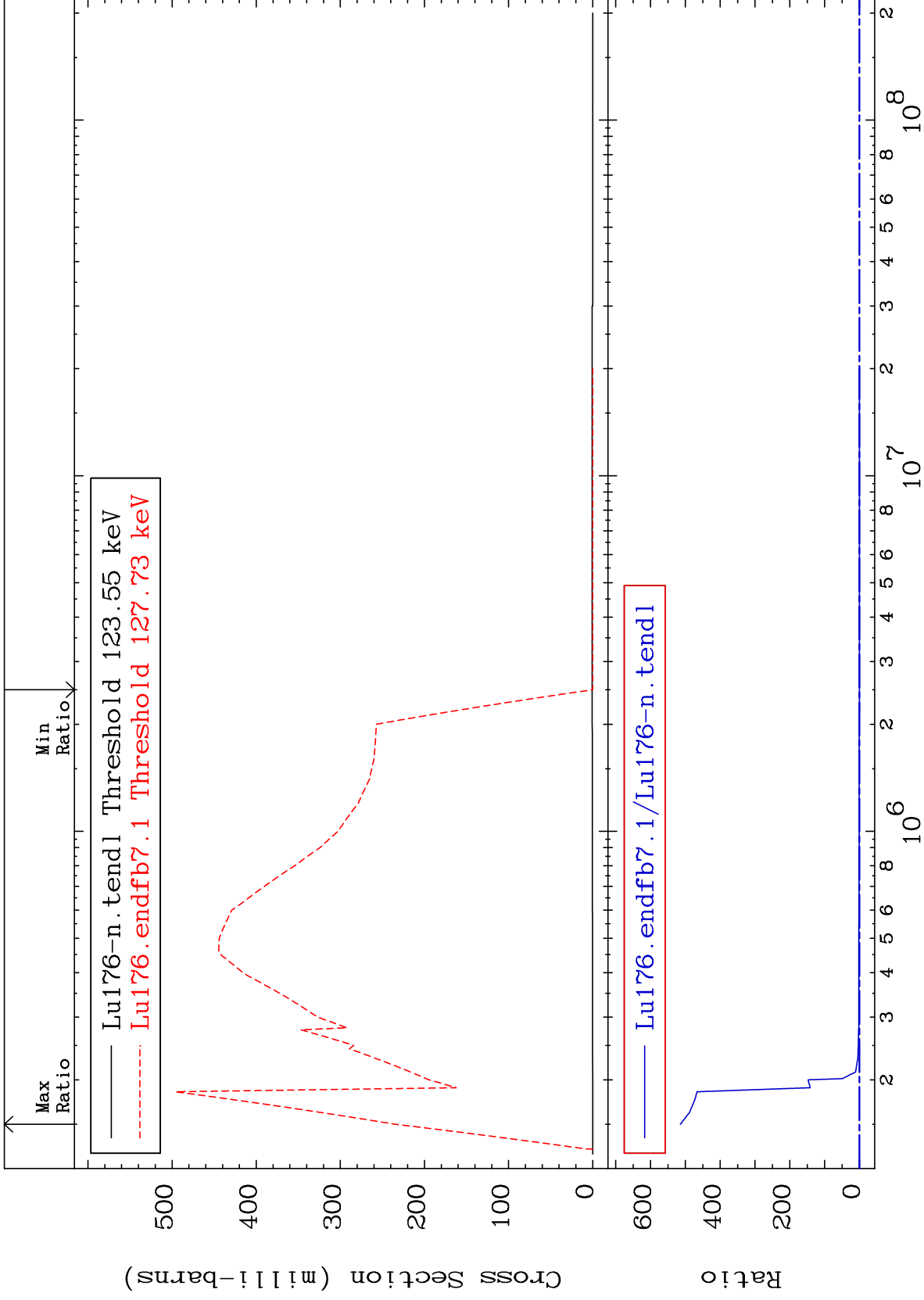




MAT 7128

122.8 keV (n,n') Level
Cross Section

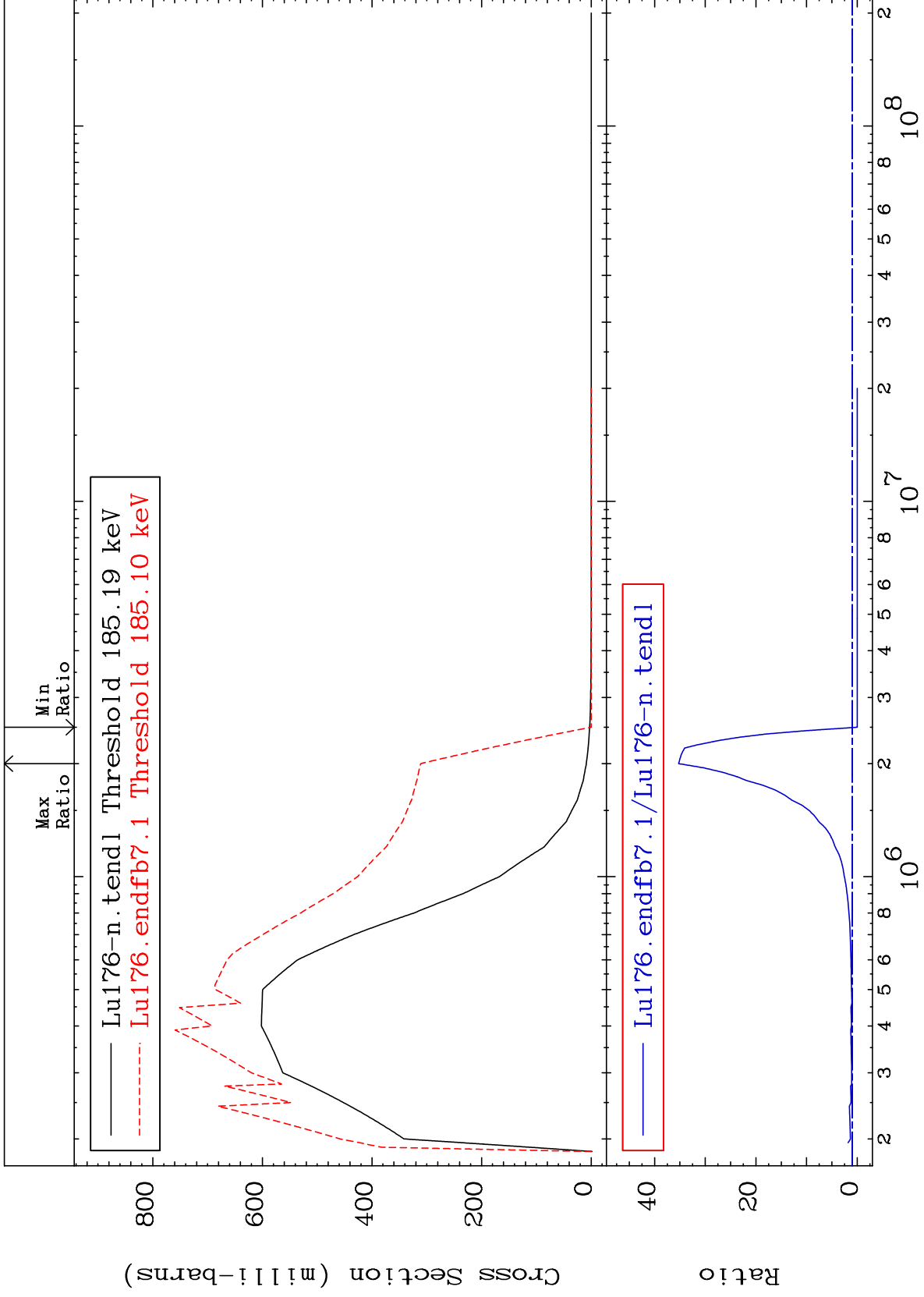
71-Lu-176
-100.0 To 9999. %



MAT 7128

184.1 keV (n,n') Level
Cross Section

71-Lu-176
-100.0 To 3426. %



7

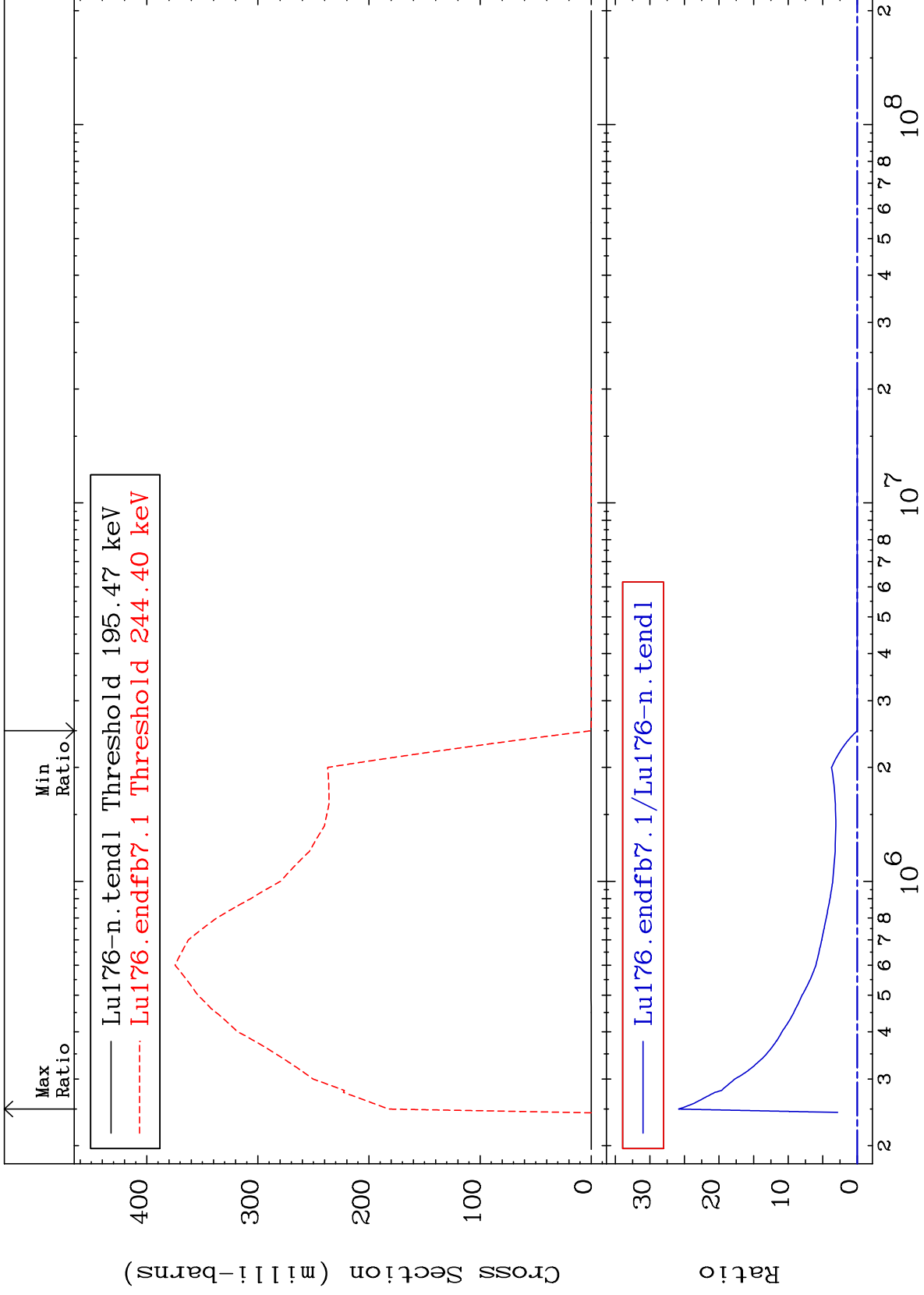
Incident Energy (eV)

71-Lu-176

MAT 7128

194.4 keV (n,n') Level
Cross Section

⁷¹Lu-¹⁷⁶
-100.0 To 9999. %



8

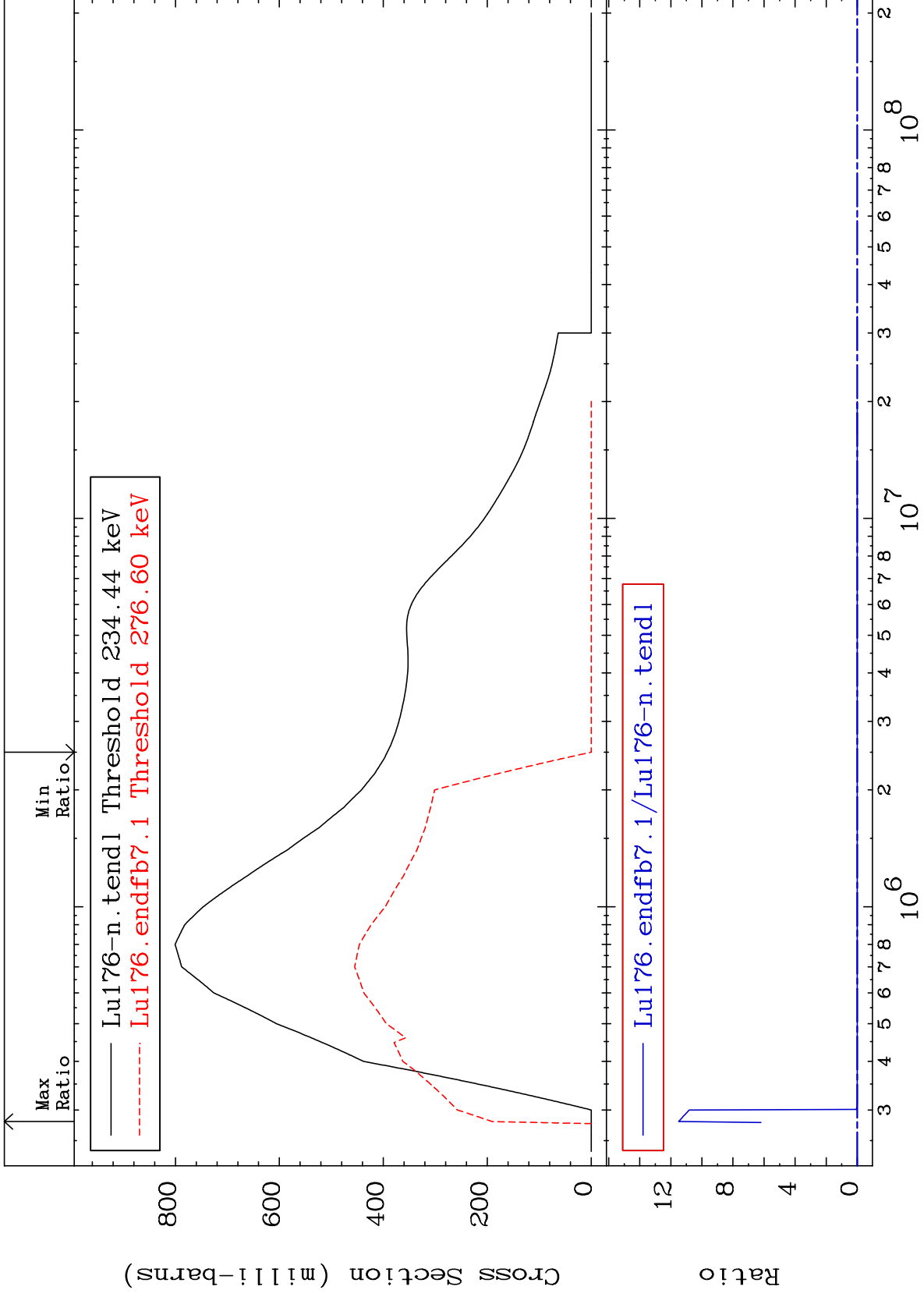
Incident Energy (eV)

⁷¹Lu-¹⁷⁶

MAT 7128

233.1 keV (n,n') Level
Cross Section

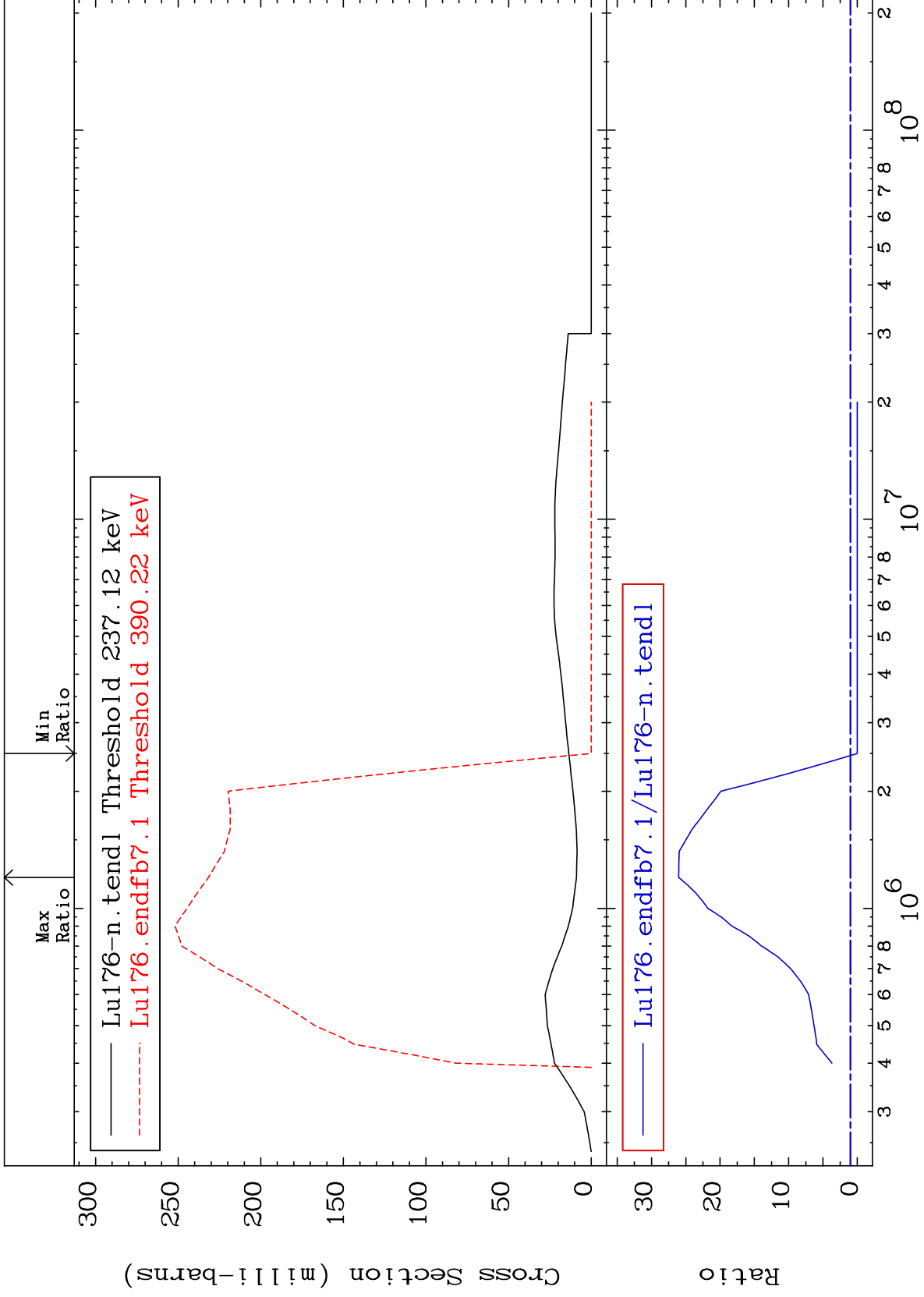
71-Lu-176
-100.0 To 9999. %



MAT 7128

235.8 keV (n,n') Level
Cross Section

71-Lu-176
-100.0 To 2504. %



10

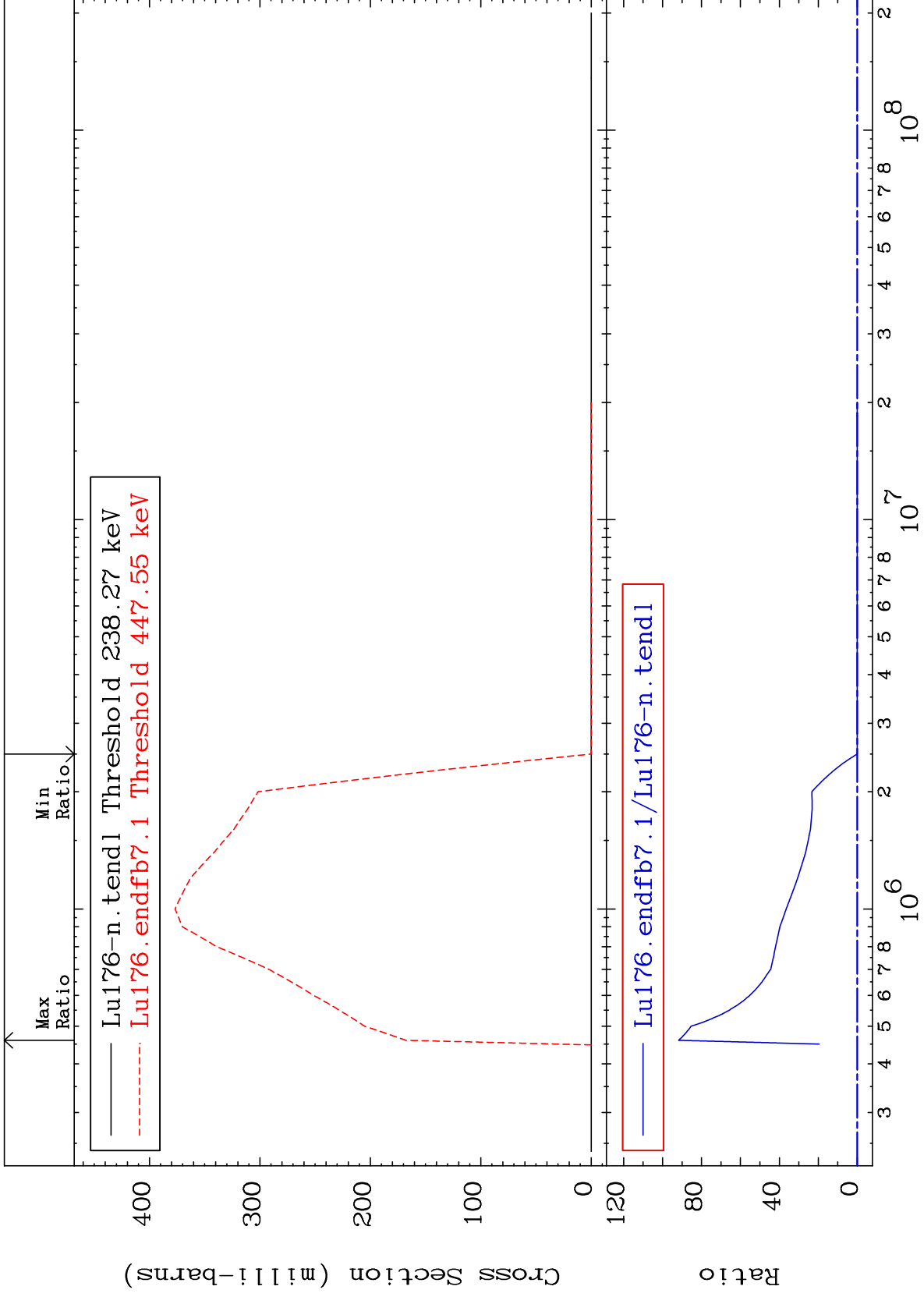
Incident Energy (eV)

71-Lu-176

MAT 7128

236.9 keV (n,n') Level
Cross Section

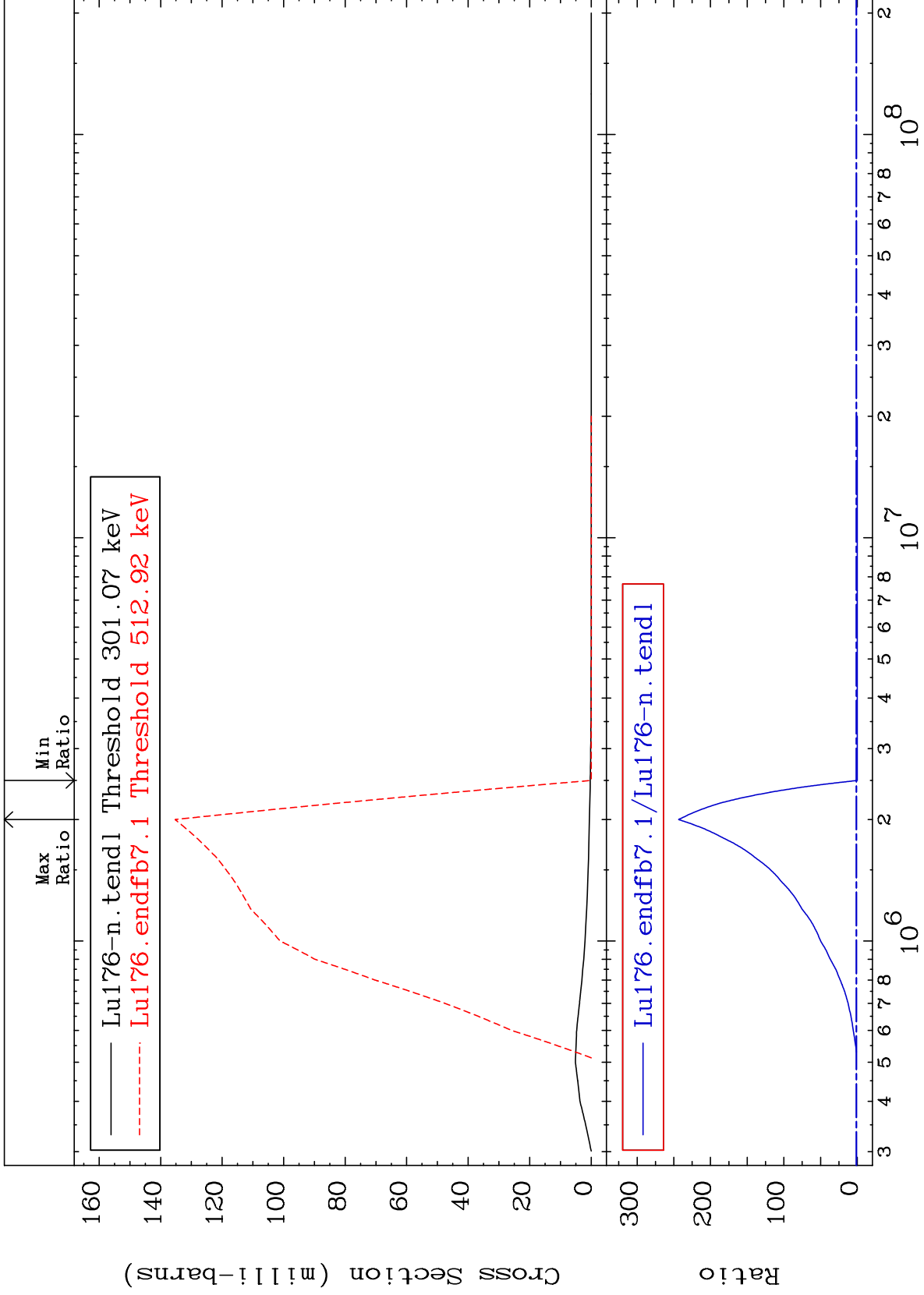
71-Lu-176
-100.0 To 9999. %



MAT 7128

299.3 keV (n,n') Level
Cross Section

71-Lu-176
-100.0 To 9999. %



12

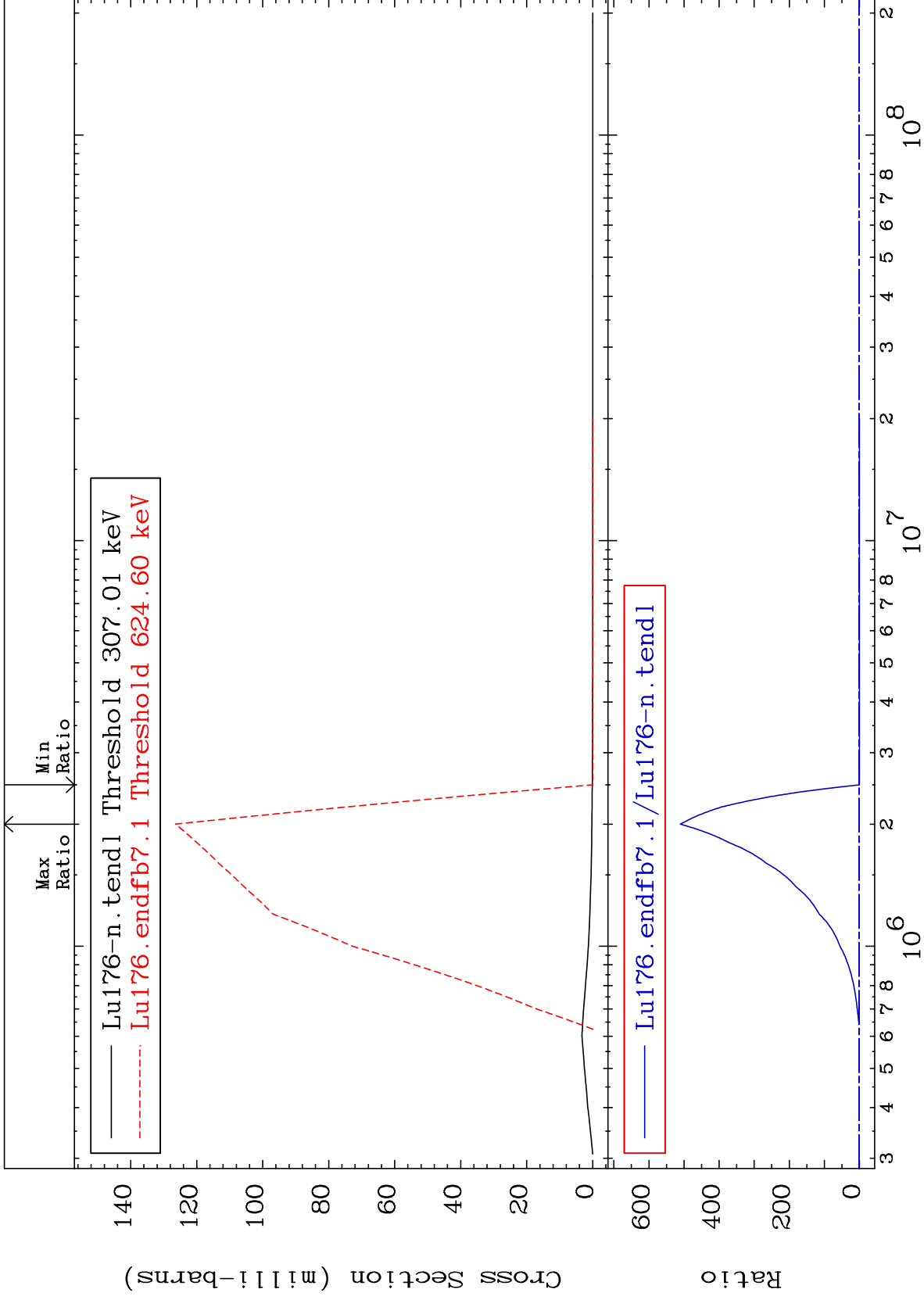
Incident Energy (eV)

71-Lu-176

MAT 7128

305.3 keV (n,n') Level
Cross Section

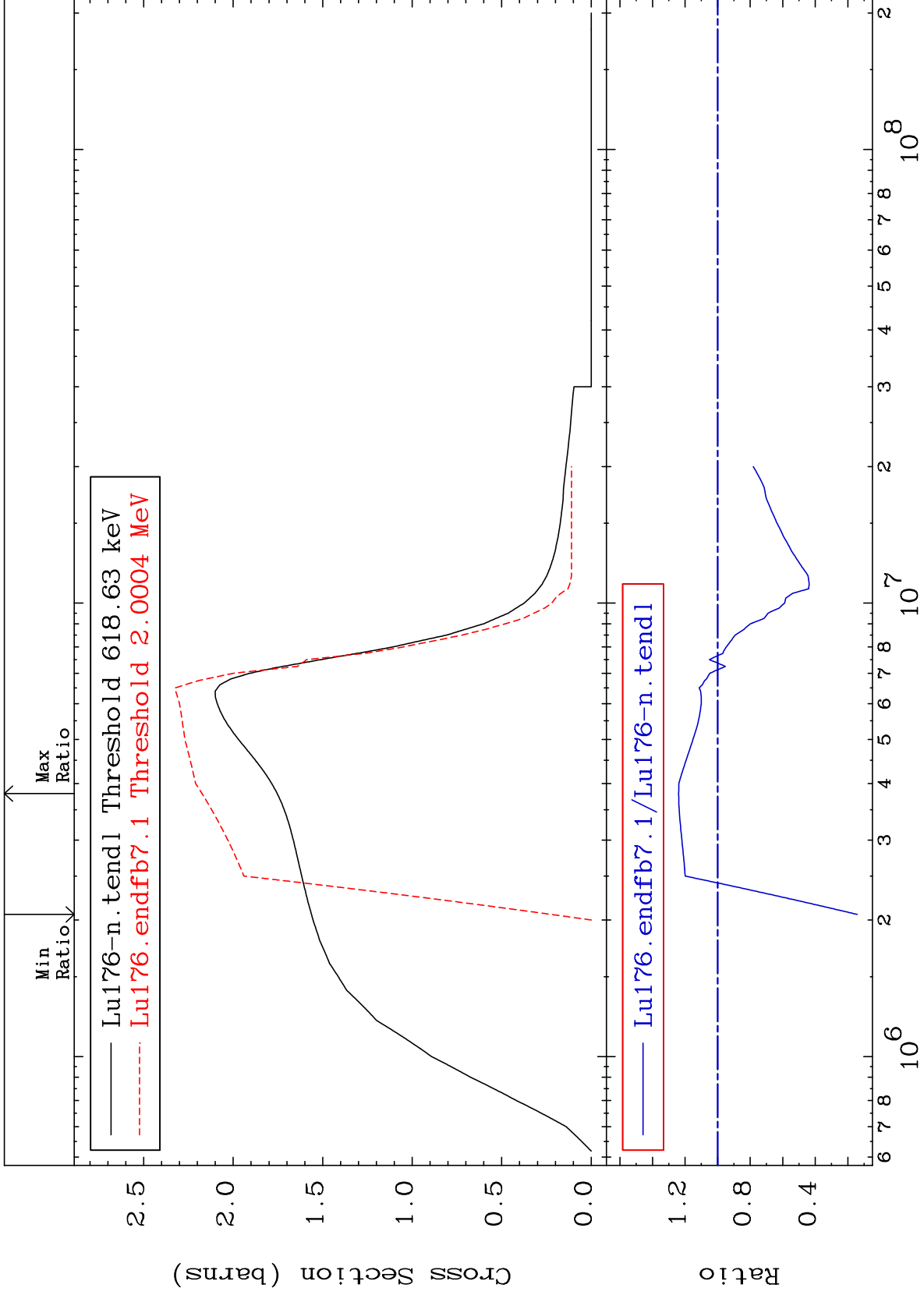
71-Lu-176
-100.0 To 9999. %



MAT 7128

(n, n') Continuum
Cross Section

⁷¹Lu-¹⁷⁶
-85.79 To 23.96 %



14

Incident Energy (eV)

⁷¹Lu-¹⁷⁶

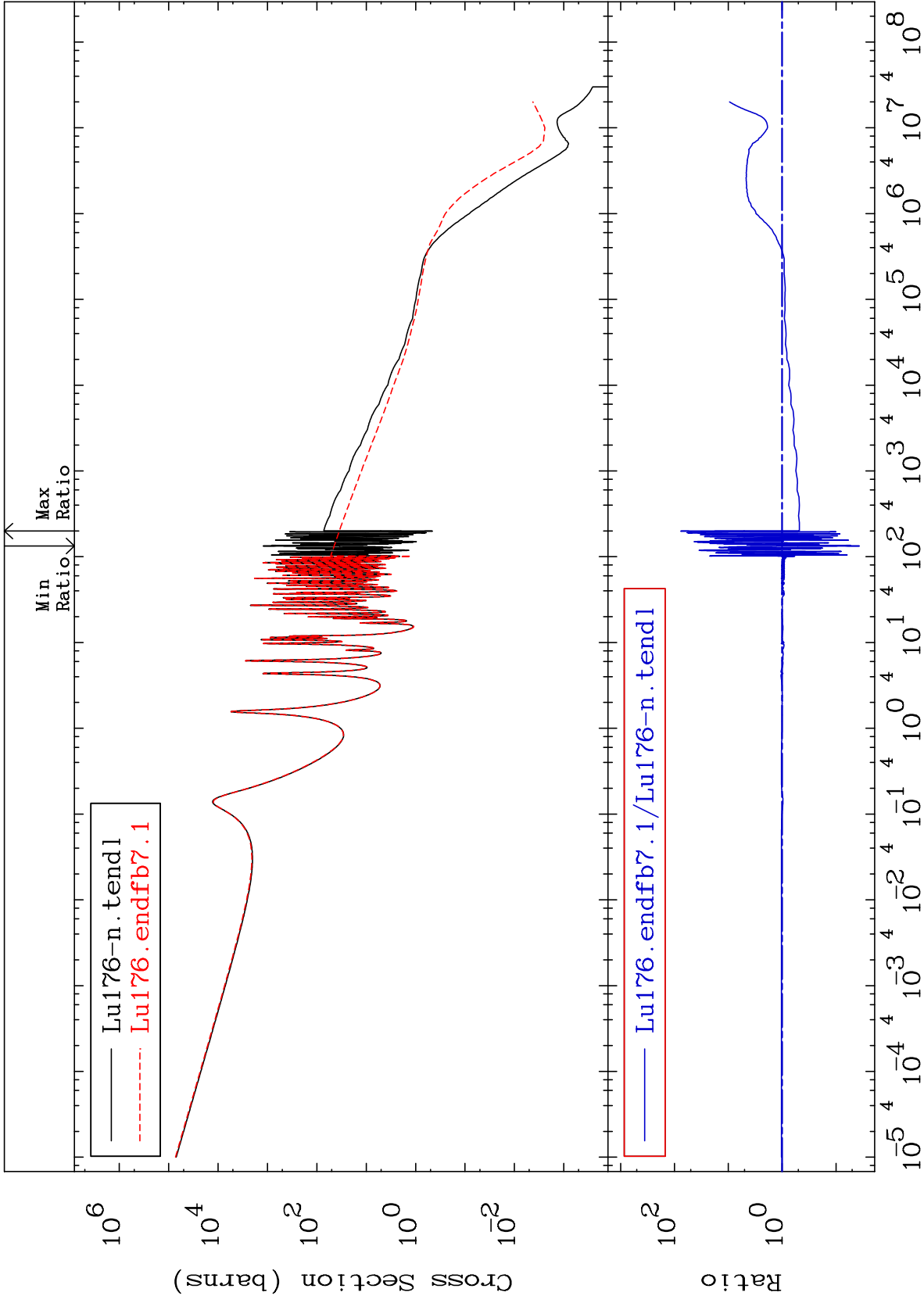
MAT 7128

(n, γ)

71-Lu-176

Cross Section

-96.33 To 7674. %



15

Incident Energy (eV)

71-Lu-176

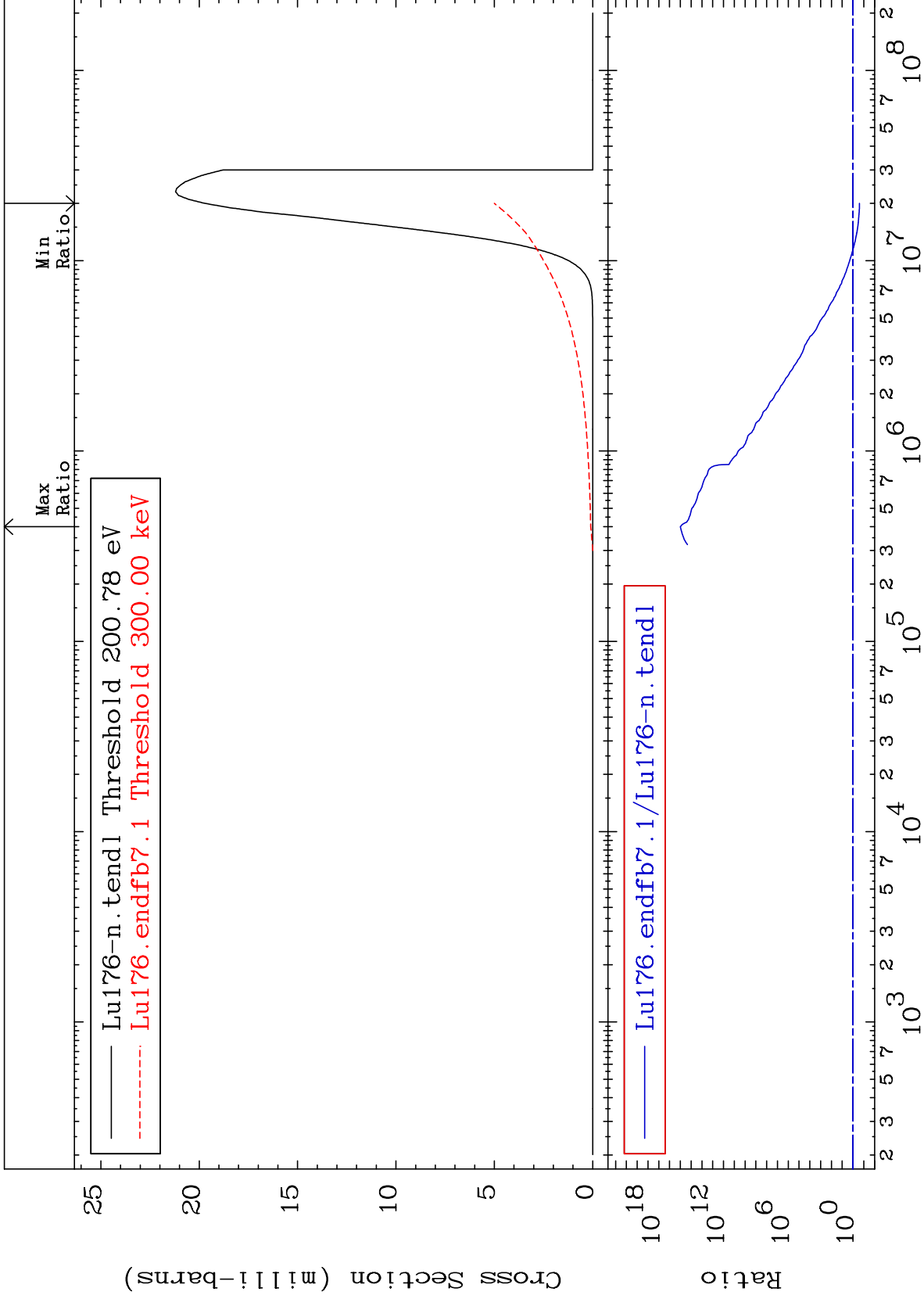
MAT 7128

(n,p)

71-Lu-176

Cross Section

-74.64 To 9999. %



16

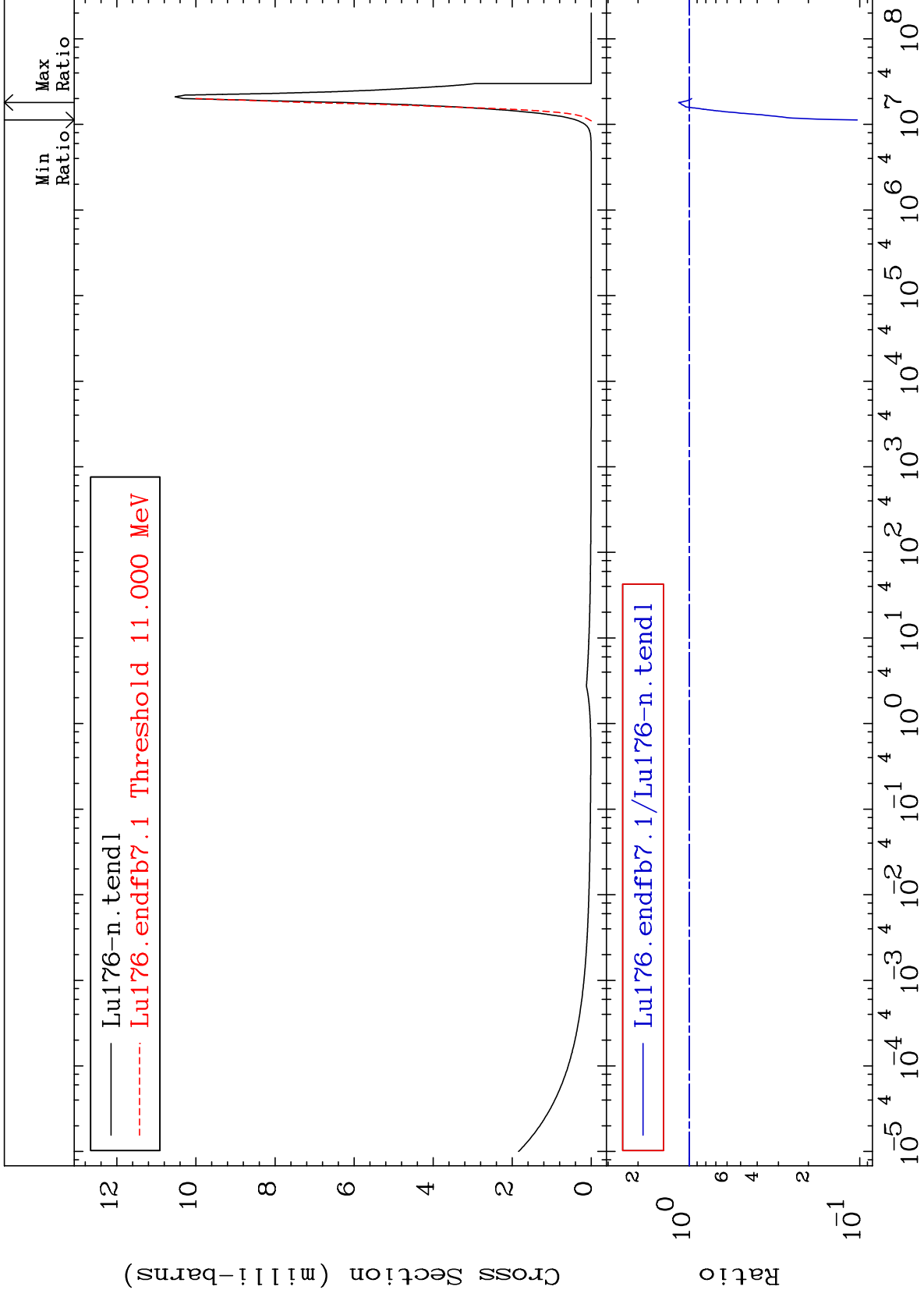
Incident Energy (eV)

71-Lu-176

MAT 7128

(n, α)
Cross Section

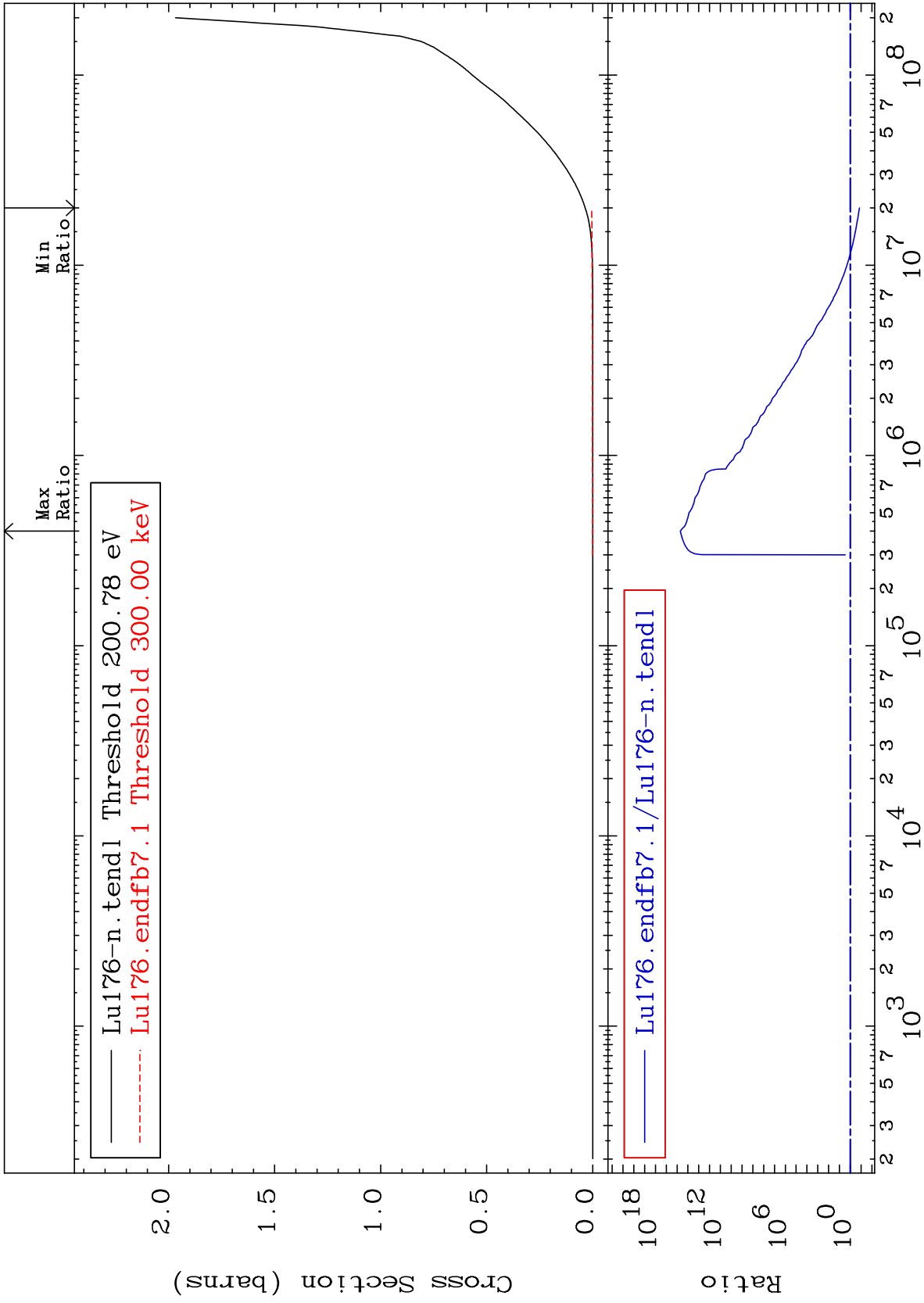
⁷¹Lu-¹⁷⁶
-89.67 To 15.58 %



Incident Energy (eV)

⁷¹Lu-¹⁷⁶

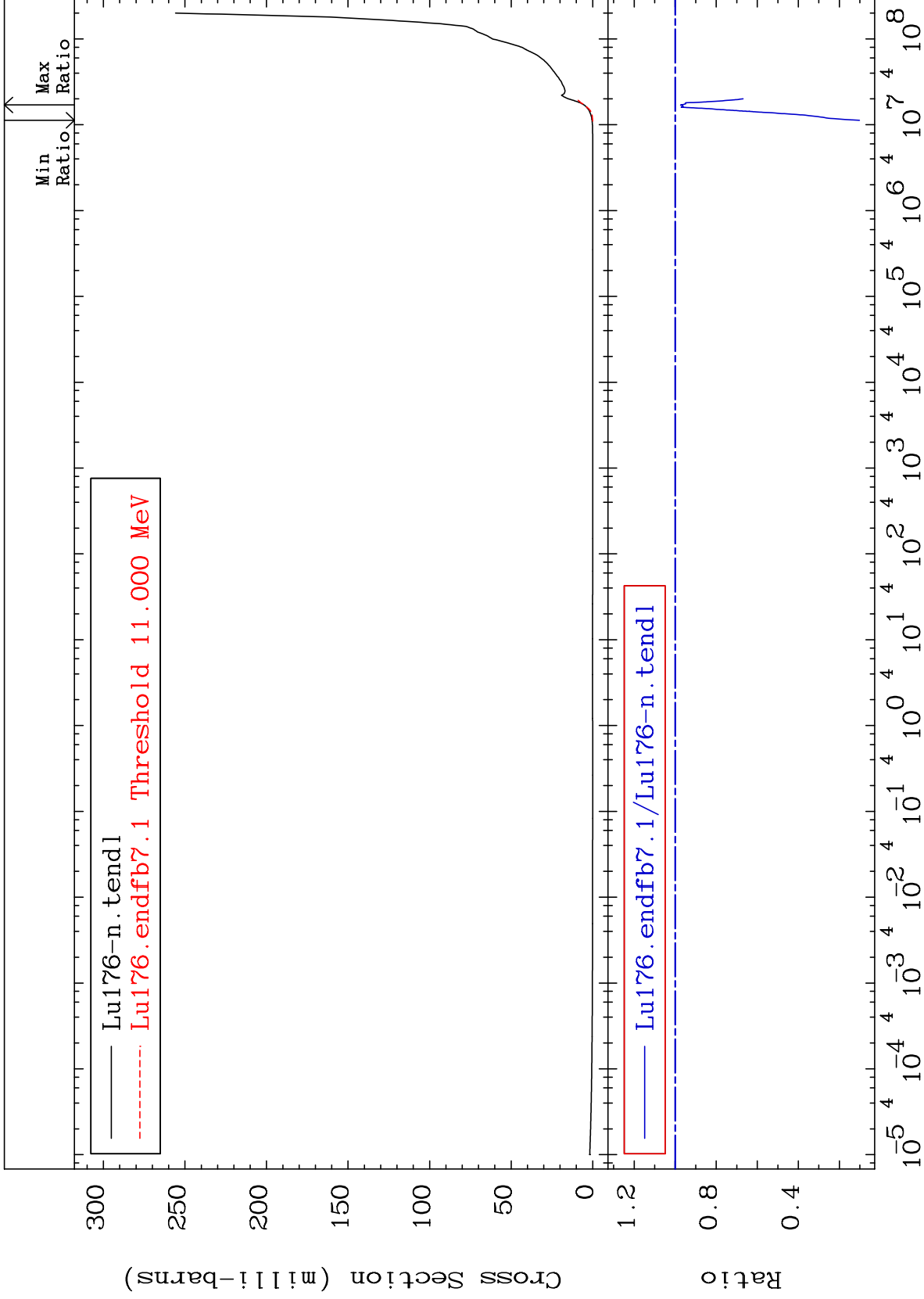
17



MAT 7128

He-4 Production
Cross Section

71-Lu-176
-89.77 To -2.517%



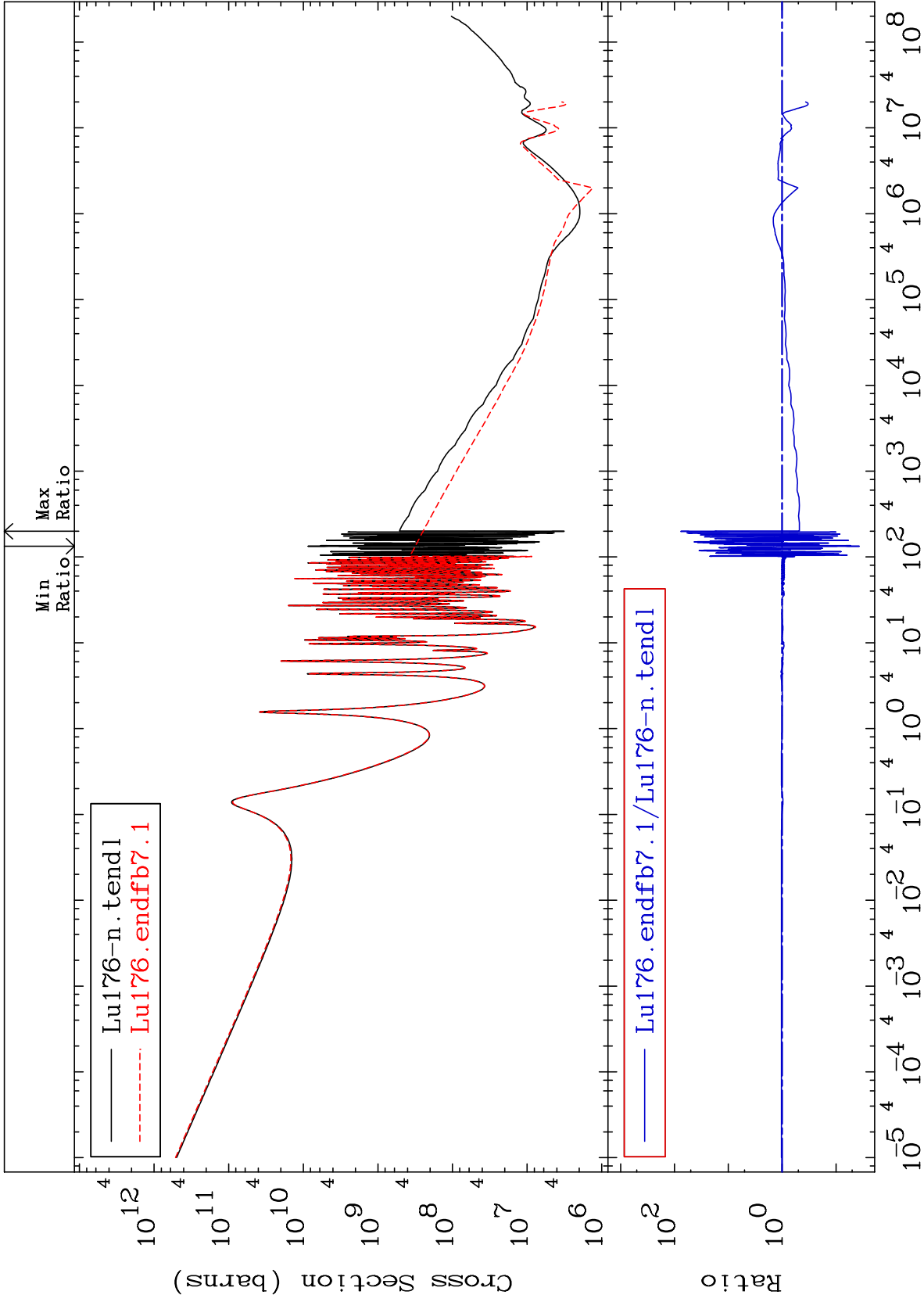
19

Incident Energy (eV)

71-Lu-176

Cross Section

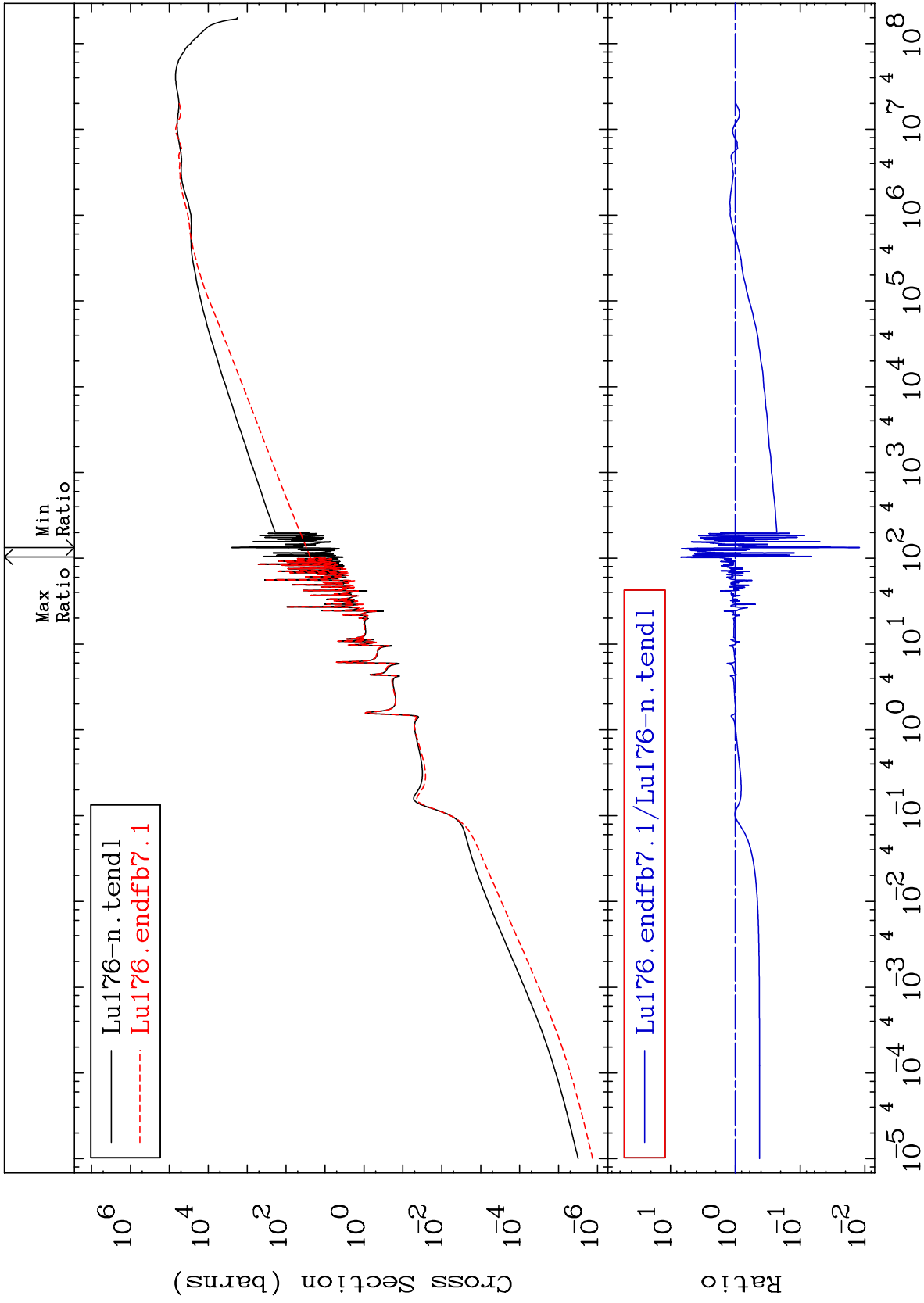
-96.33 To 7673. %

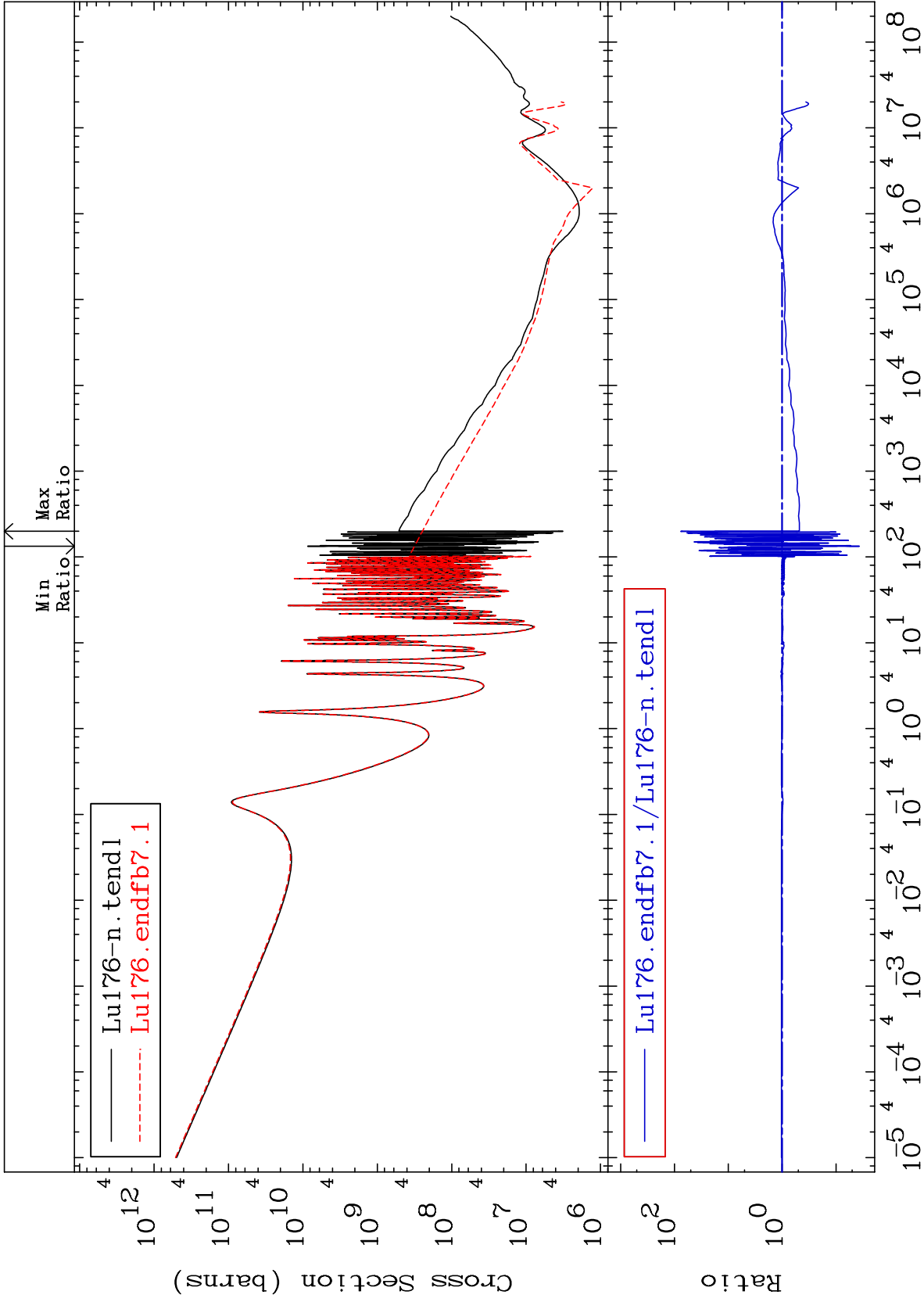


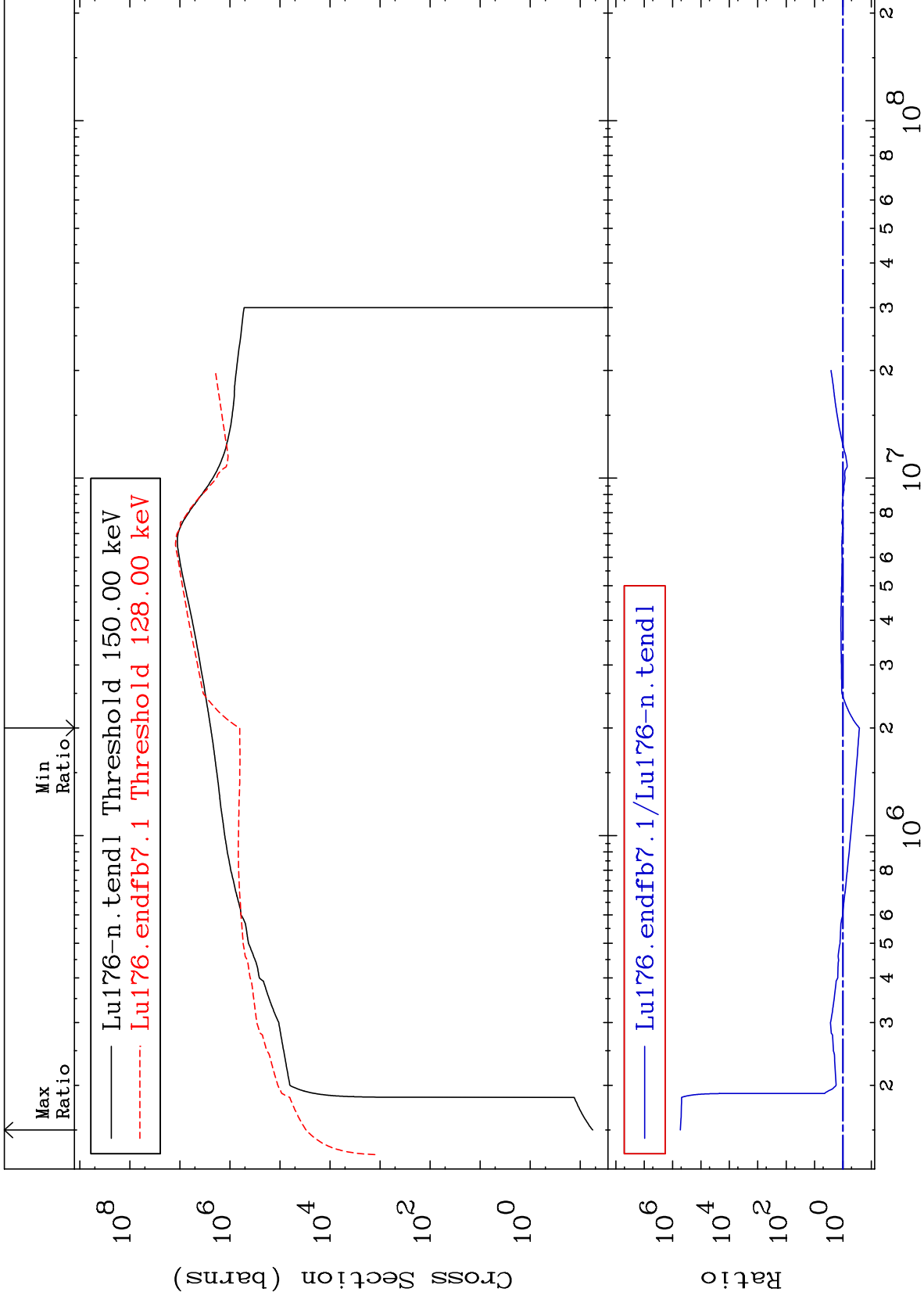
MAT 7128

Kerma elastic
Cross Section

71-Lu-176
-98.78 To 604.7 %



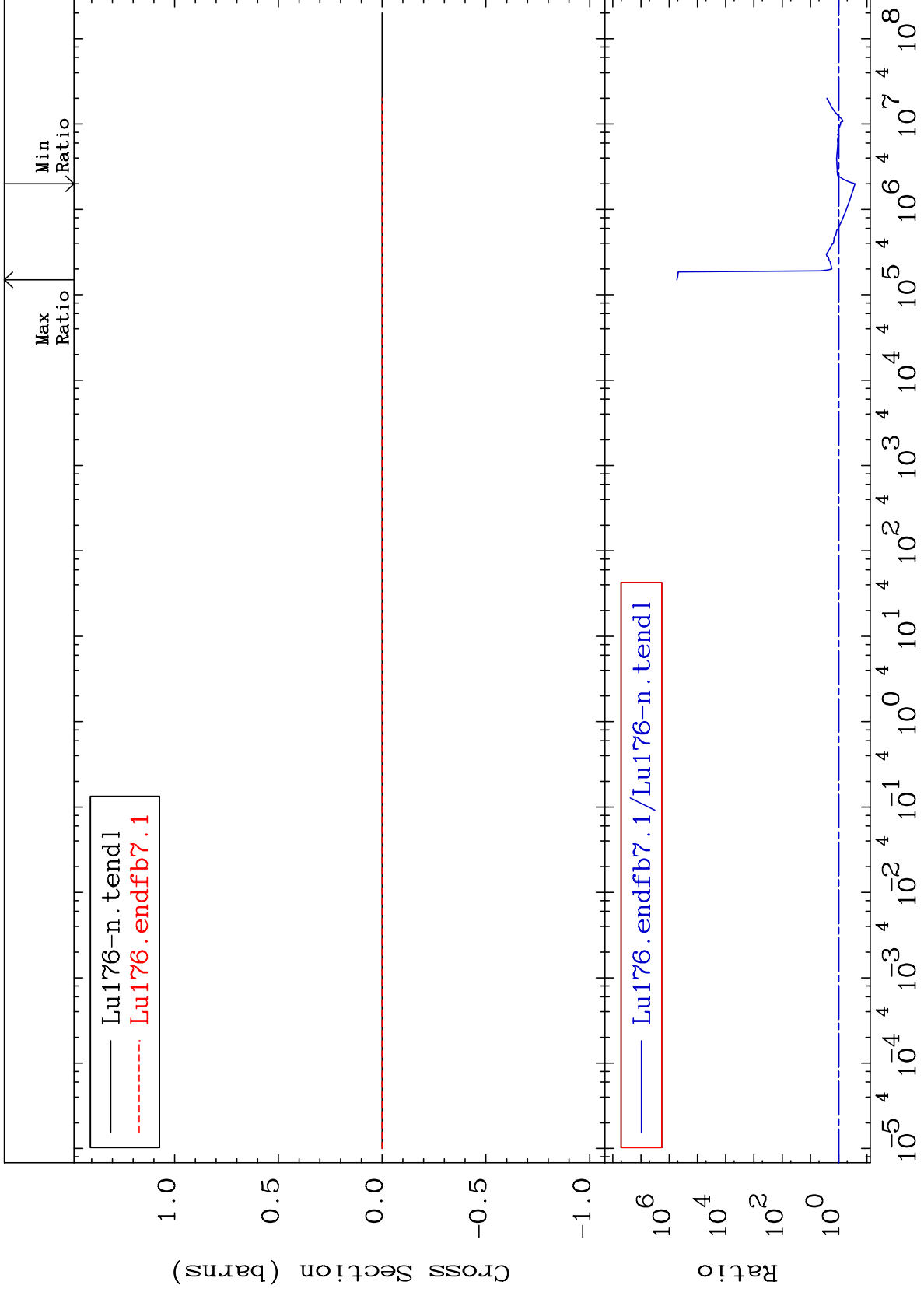


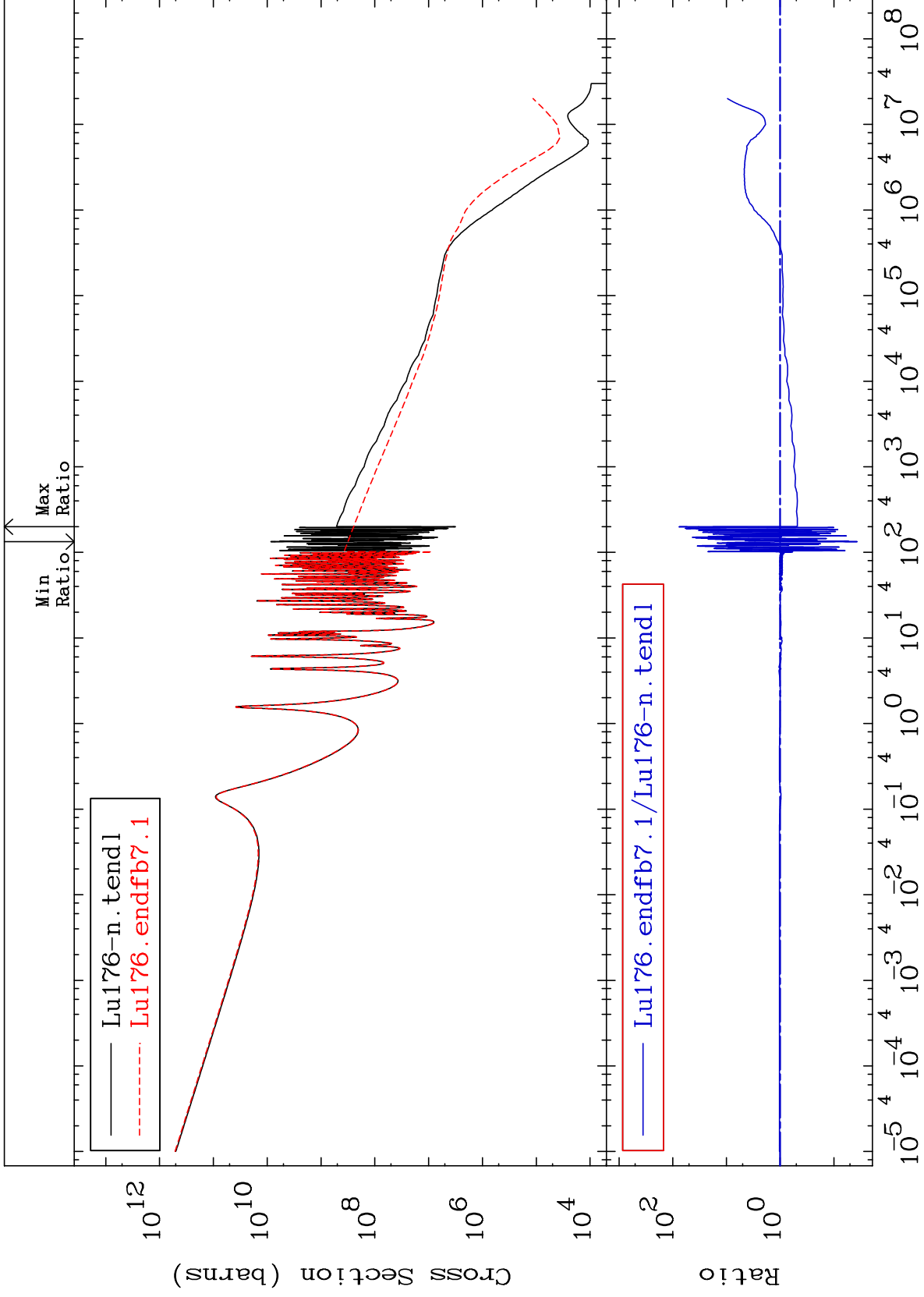


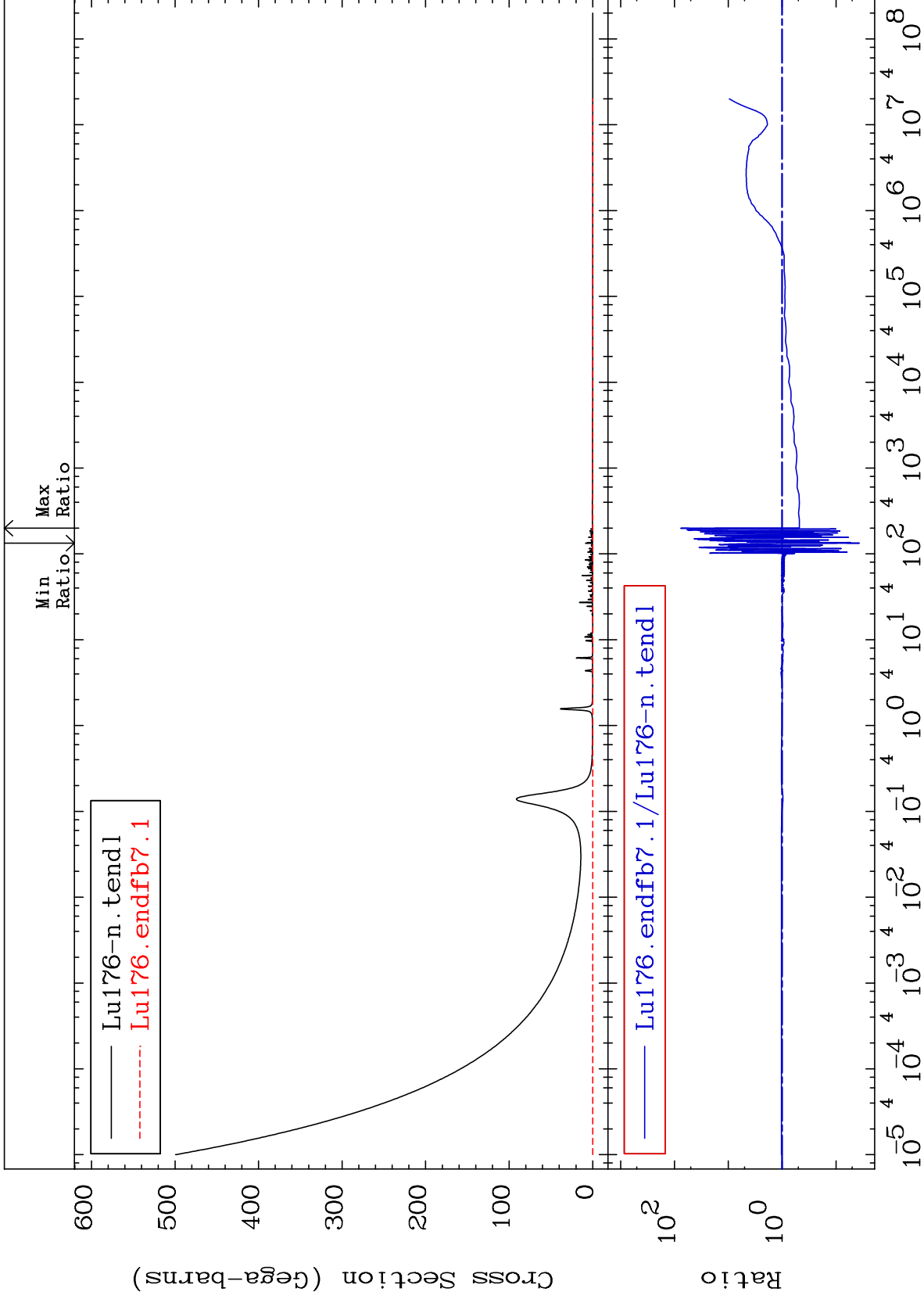
MAT 7128

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

71-Lu-176
-73.72 To 9999. %



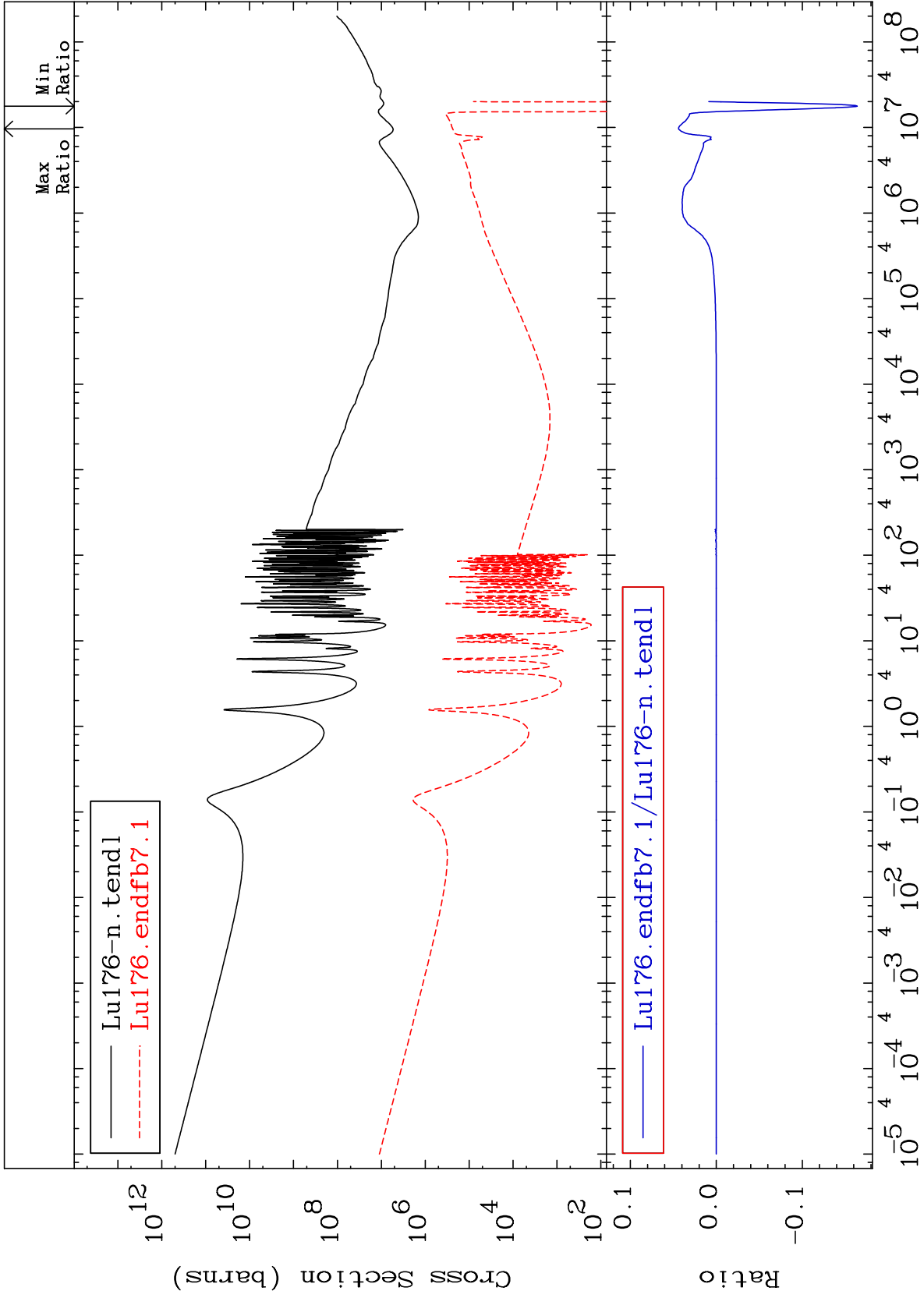




MAT 7128

Total kinematic kerma (high limit)
Cross Section

71-Lu-176
-116.4 To -95.62%

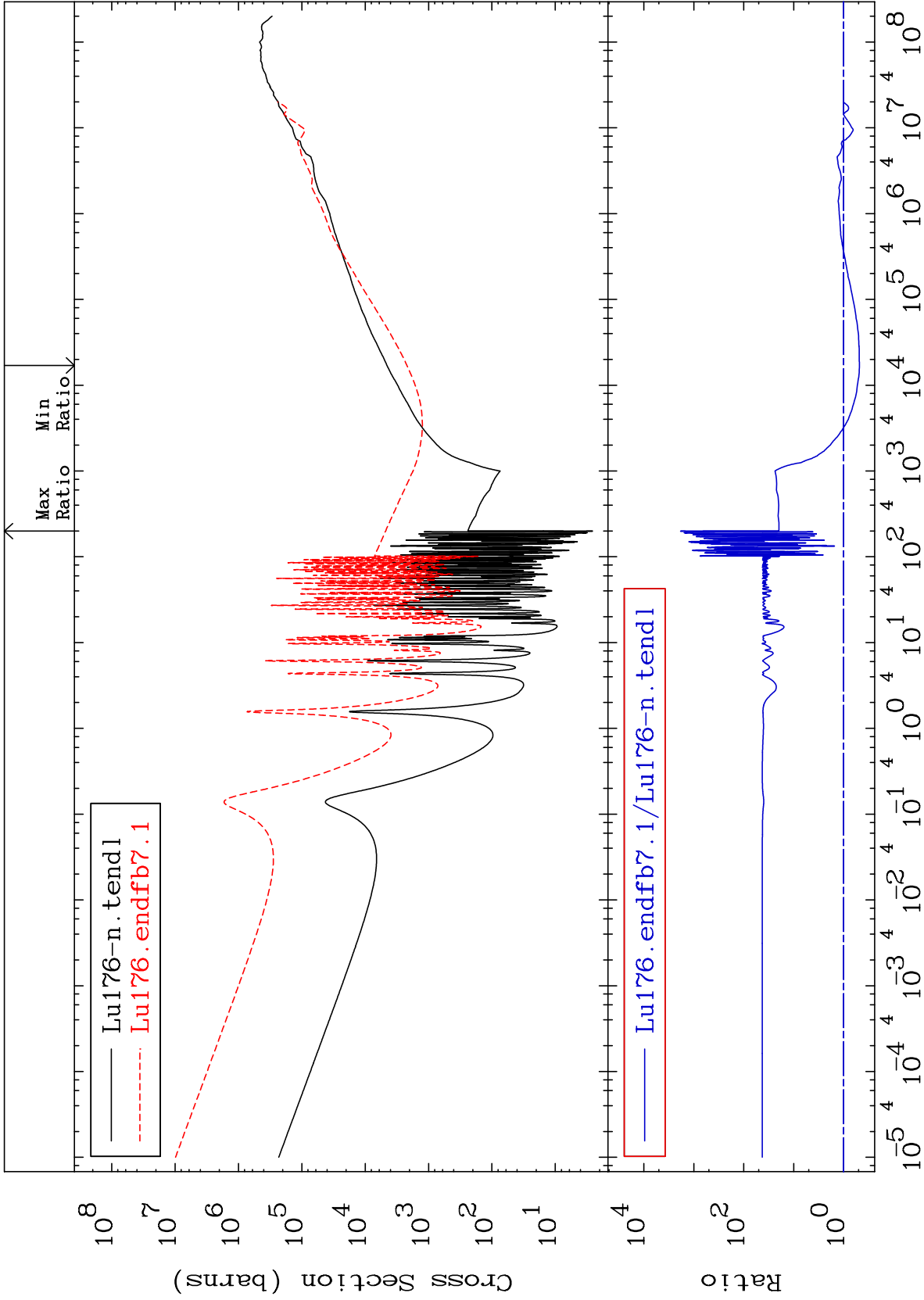


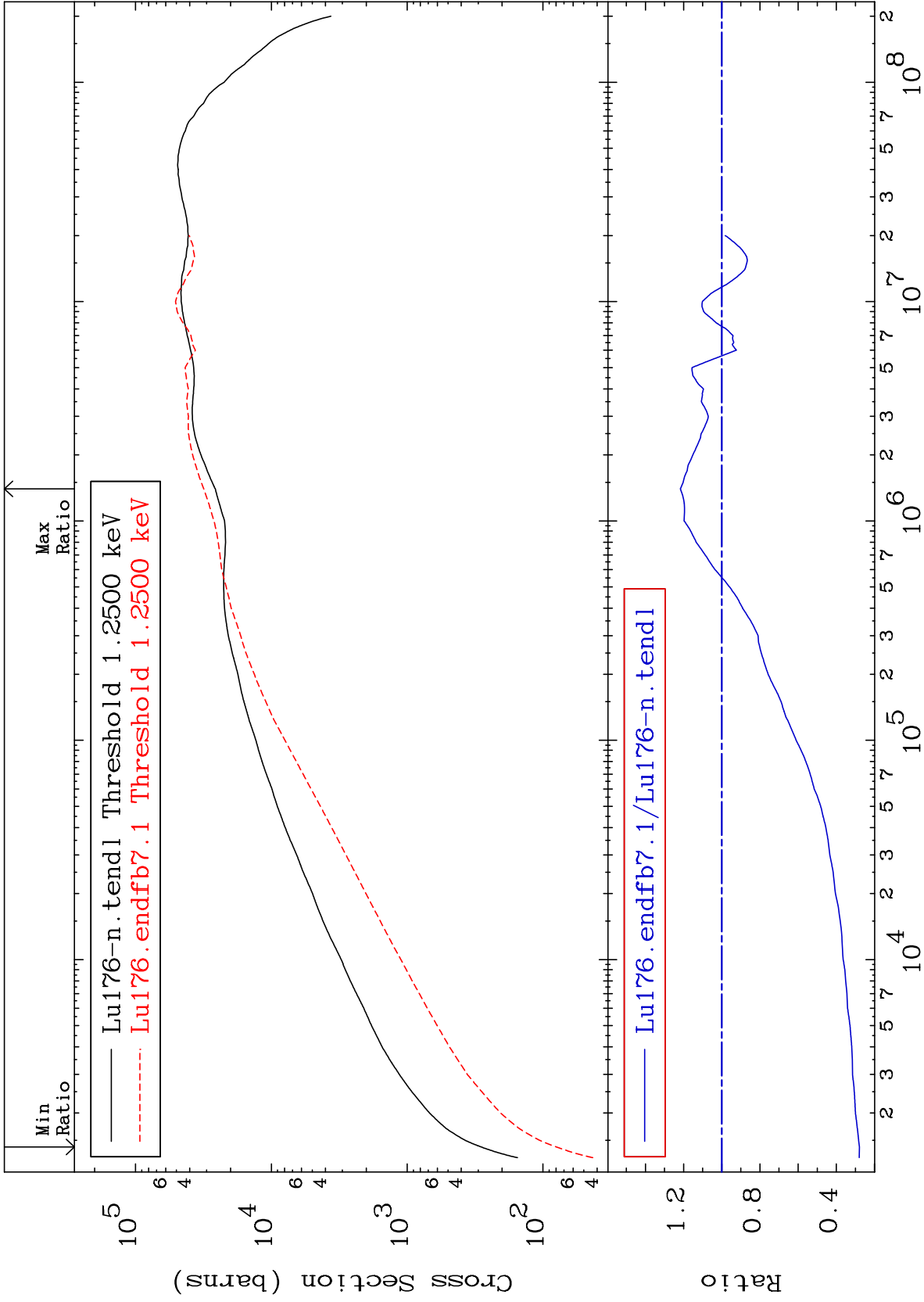
MAT 7128

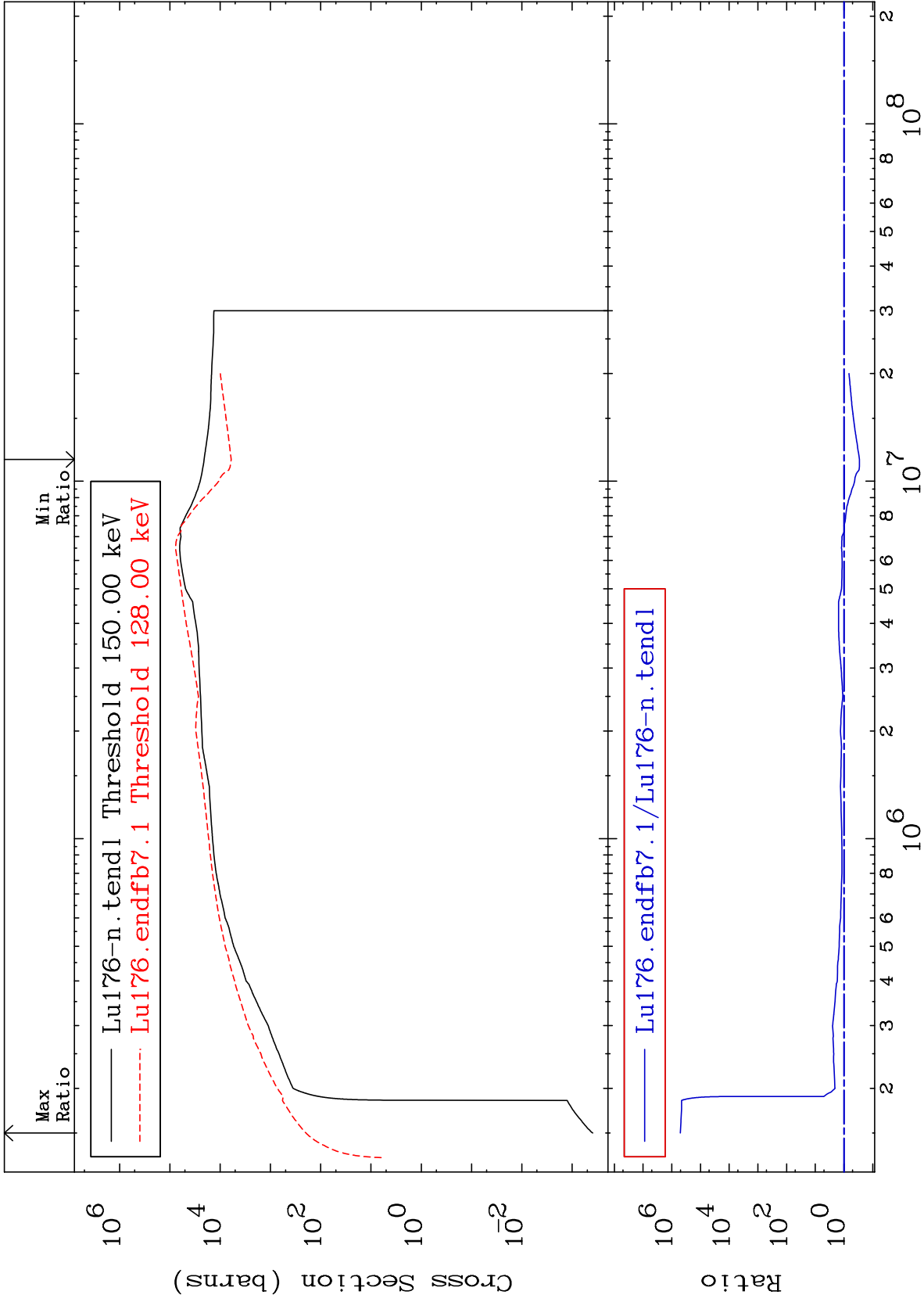
Dpa total (eV-barns)

71-Lu-176

-51.71 To 9999. %







MAT 7128

Dpa disappearance (mt102 -120)
Cross Section

71-Lu-176
-29.07 To 9999. %

