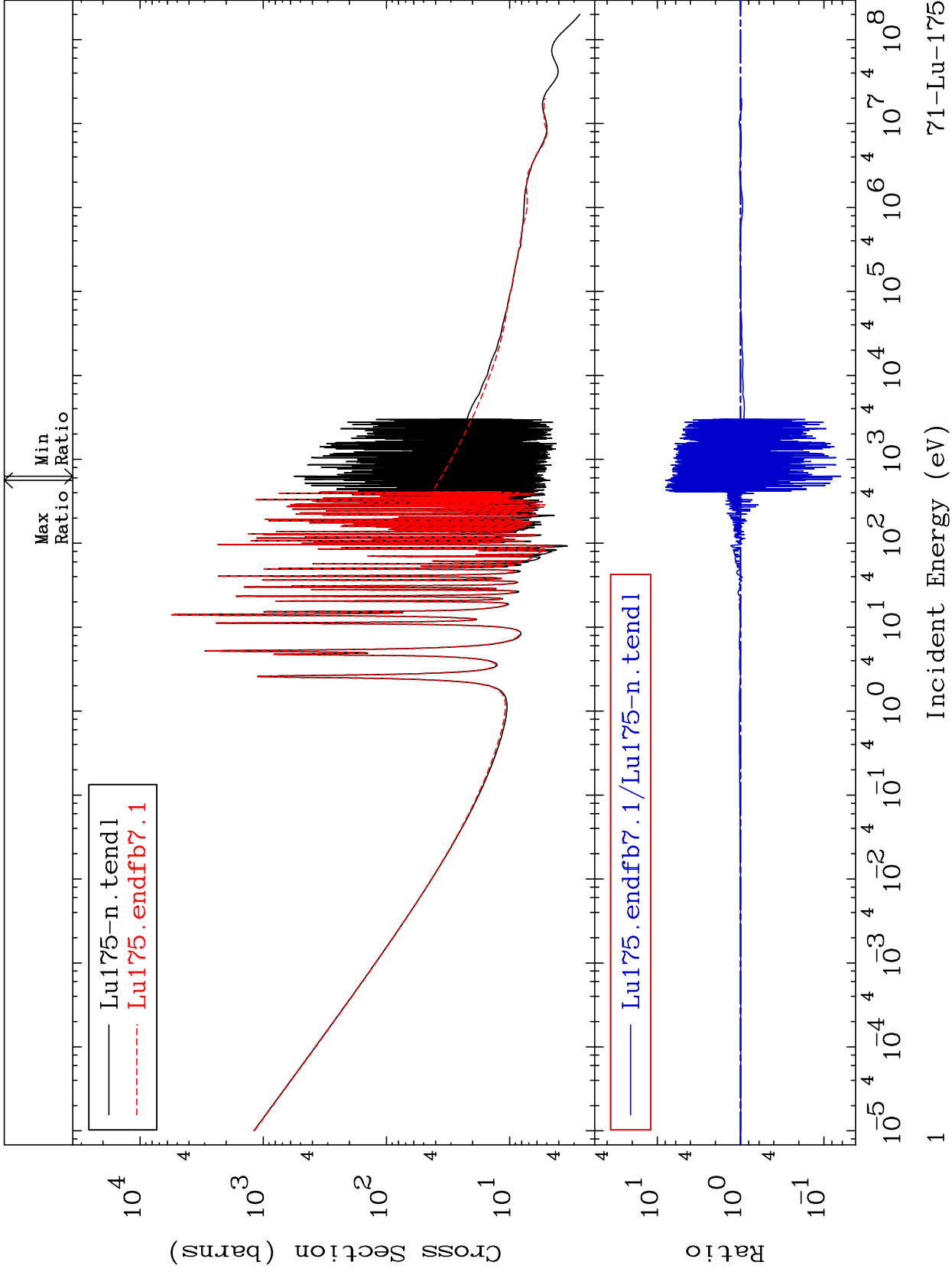


MAT 7125

Total
Cross Section

71-Lu-175
-93.72 To 695.7 %



71-Lu-175

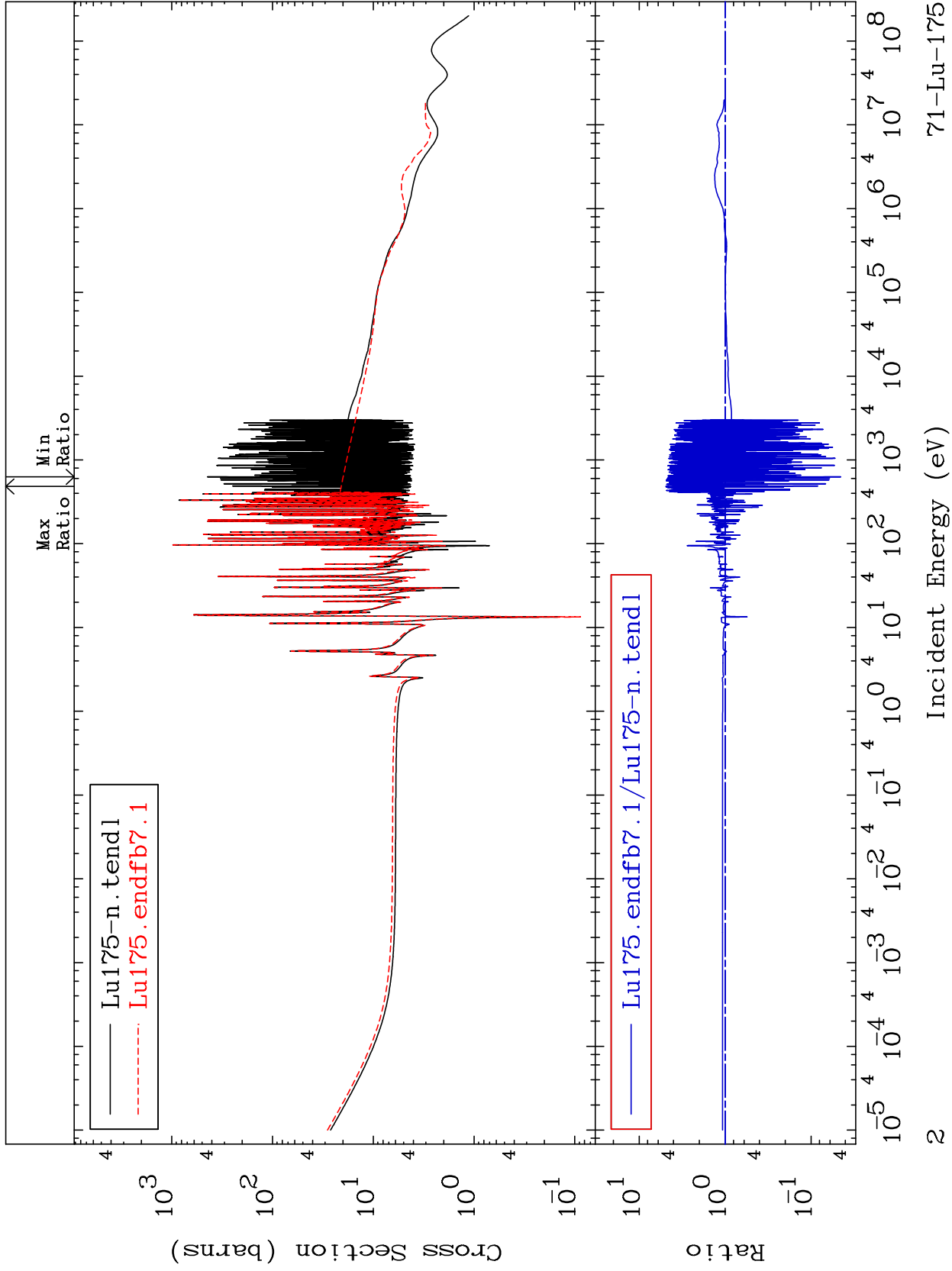
MAT 7125

Elastic

Cross Section

71-Lu-175

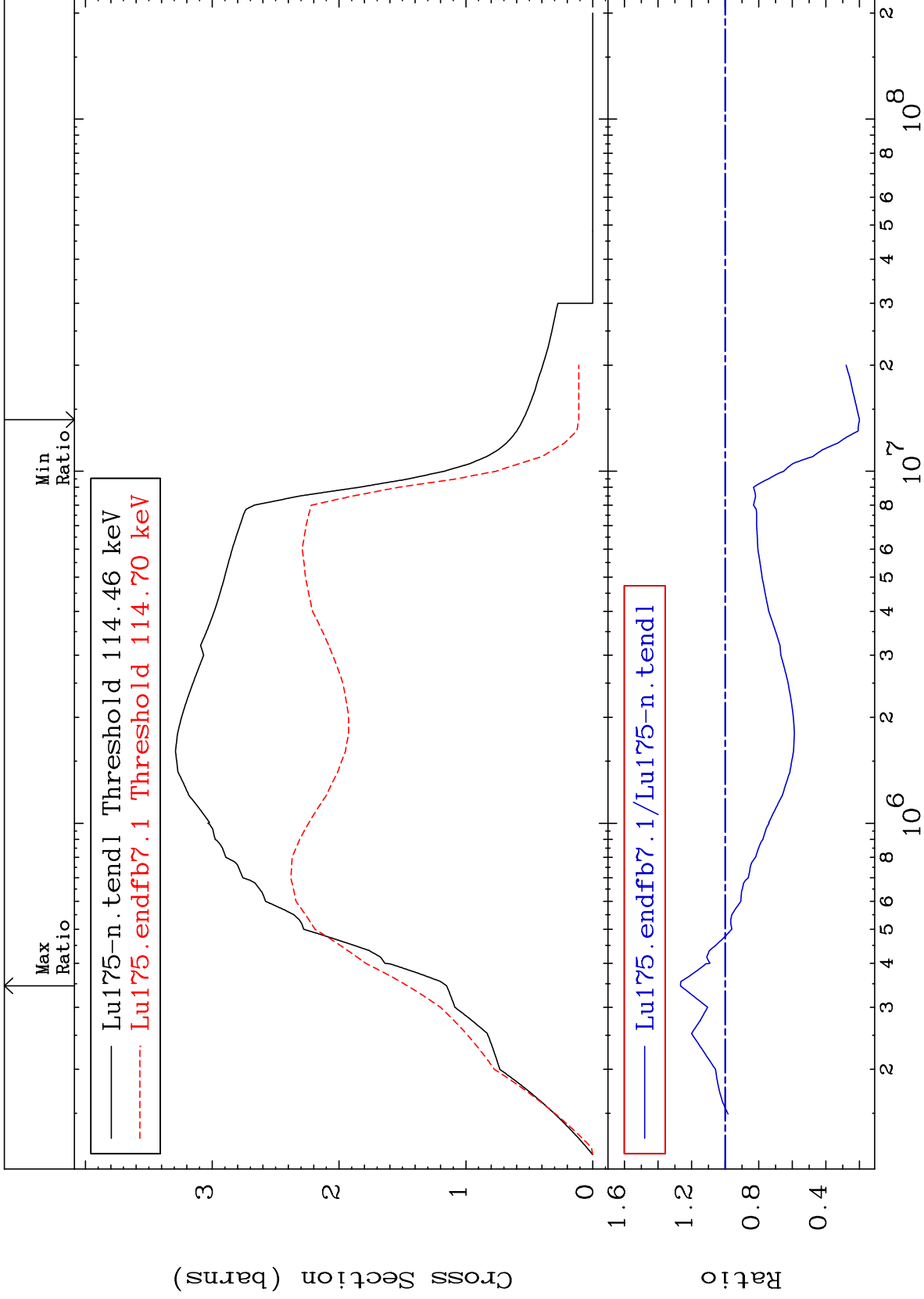
-95.50 To 388.2 %



MAT 7125

Inelastic
Cross Section

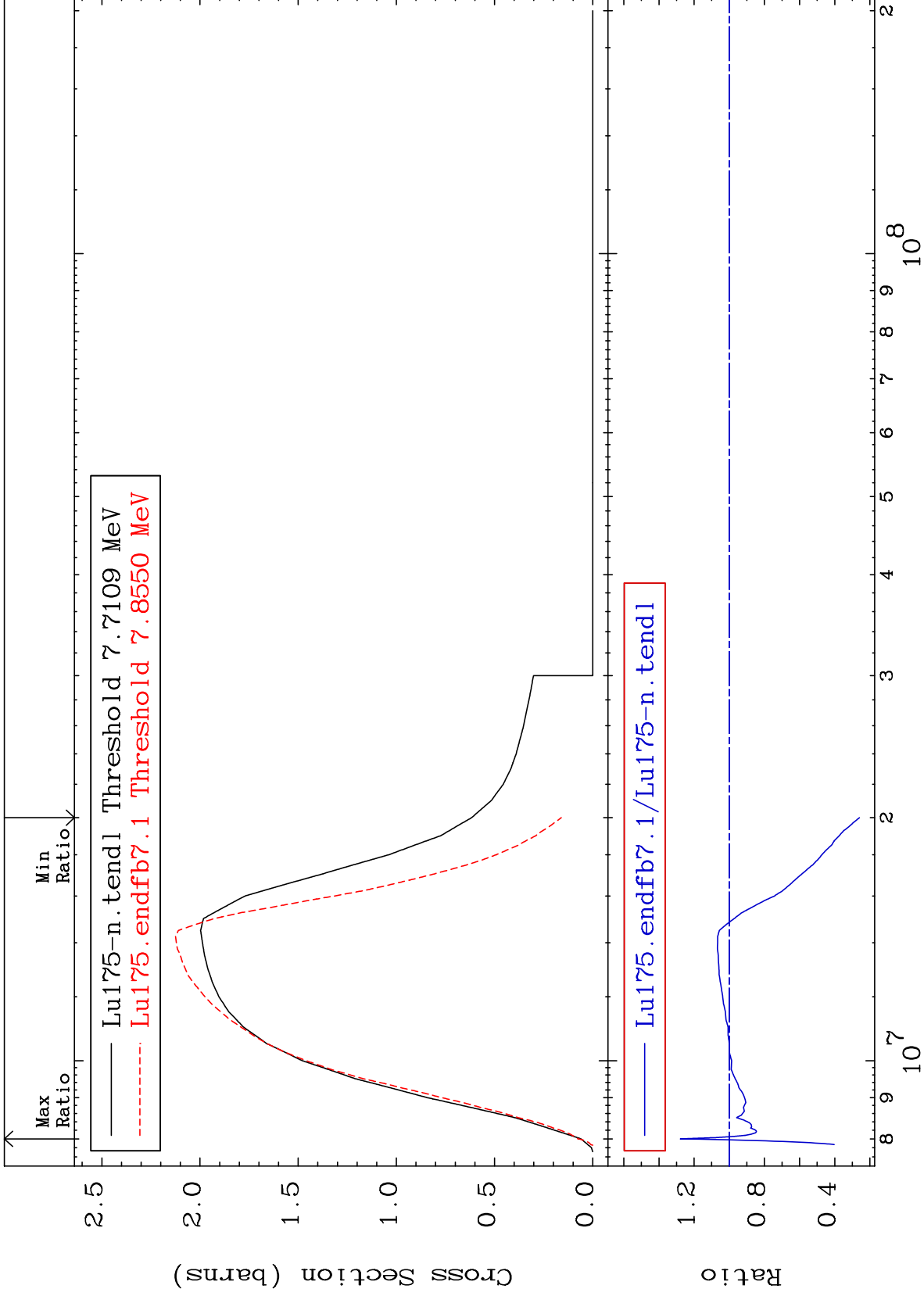
71-Lu-175
-79.99 To 26.73 %



MAT 7125

(n,2n)
Cross Section

⁷¹-Lu-175
-74.06 To 27.82 %



4

Incident Energy (eV)

⁷¹-Lu-175

MAT 7125

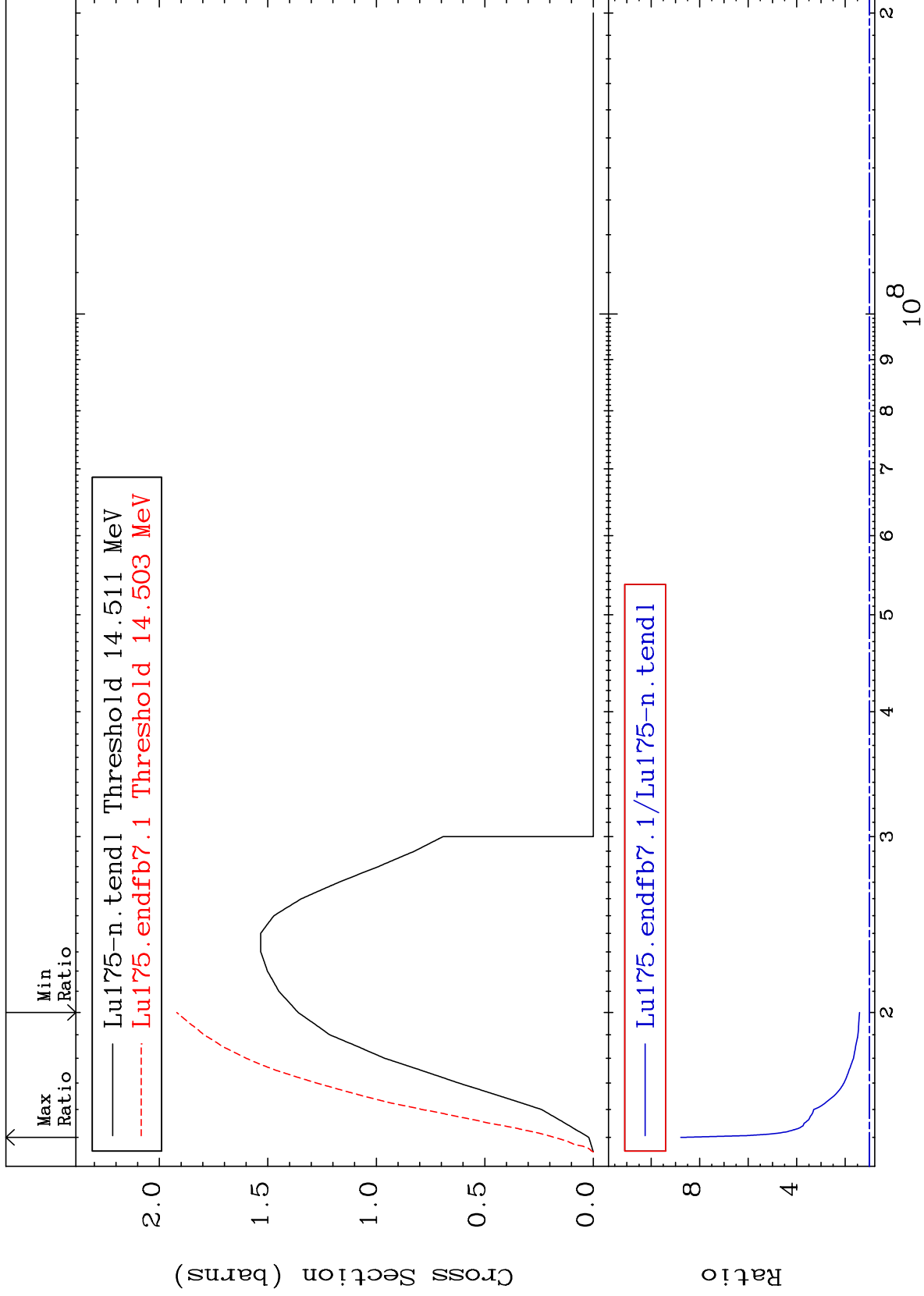
(n,3n)

71-Lu-175

Cross Section

41.16

To 778.0 %



5

Incident Energy (eV)

71-Lu-175

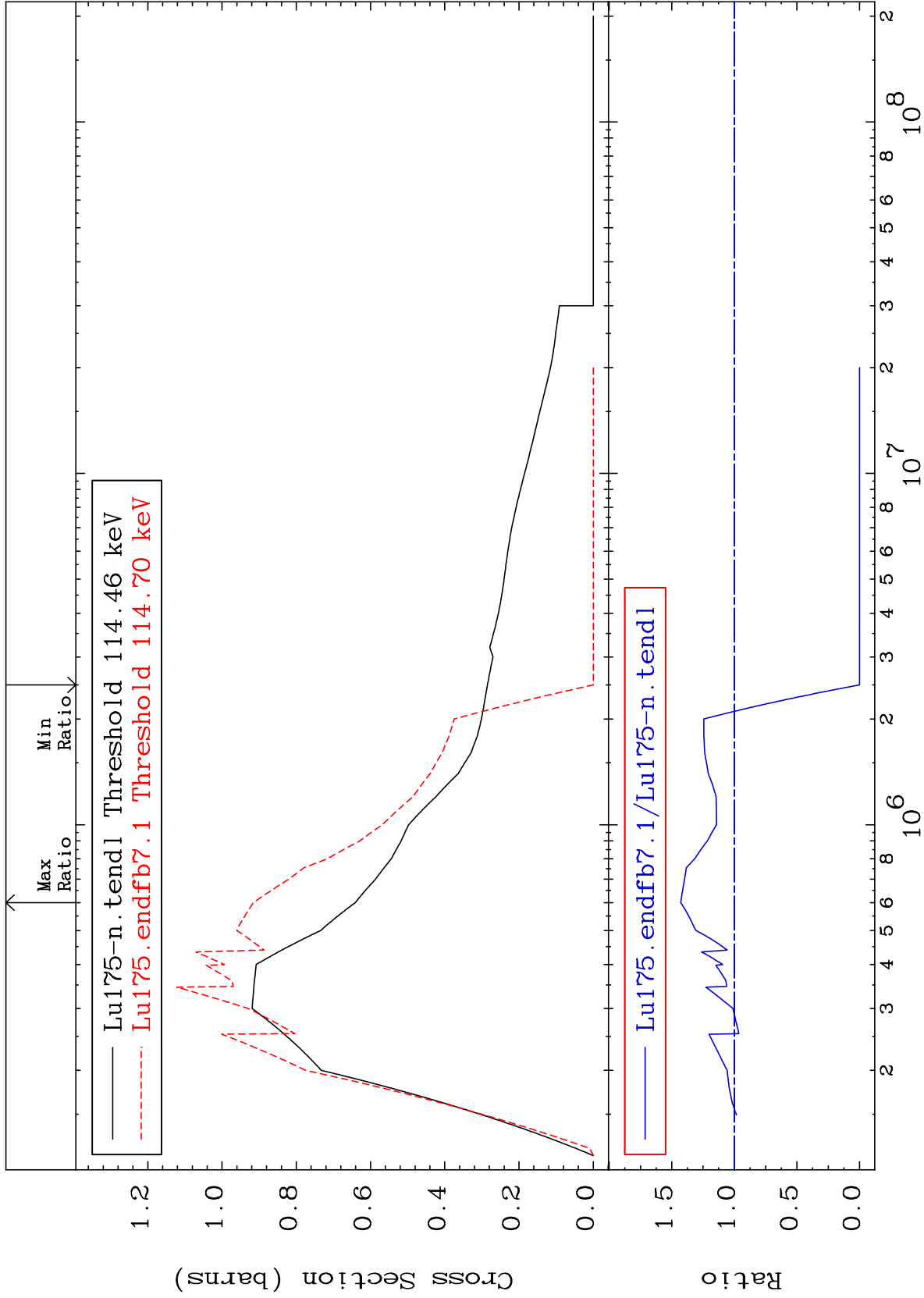
MAT 7125

113.8 keV (n,n') Level

71-Lu-175

-100.0 To 42.79 %

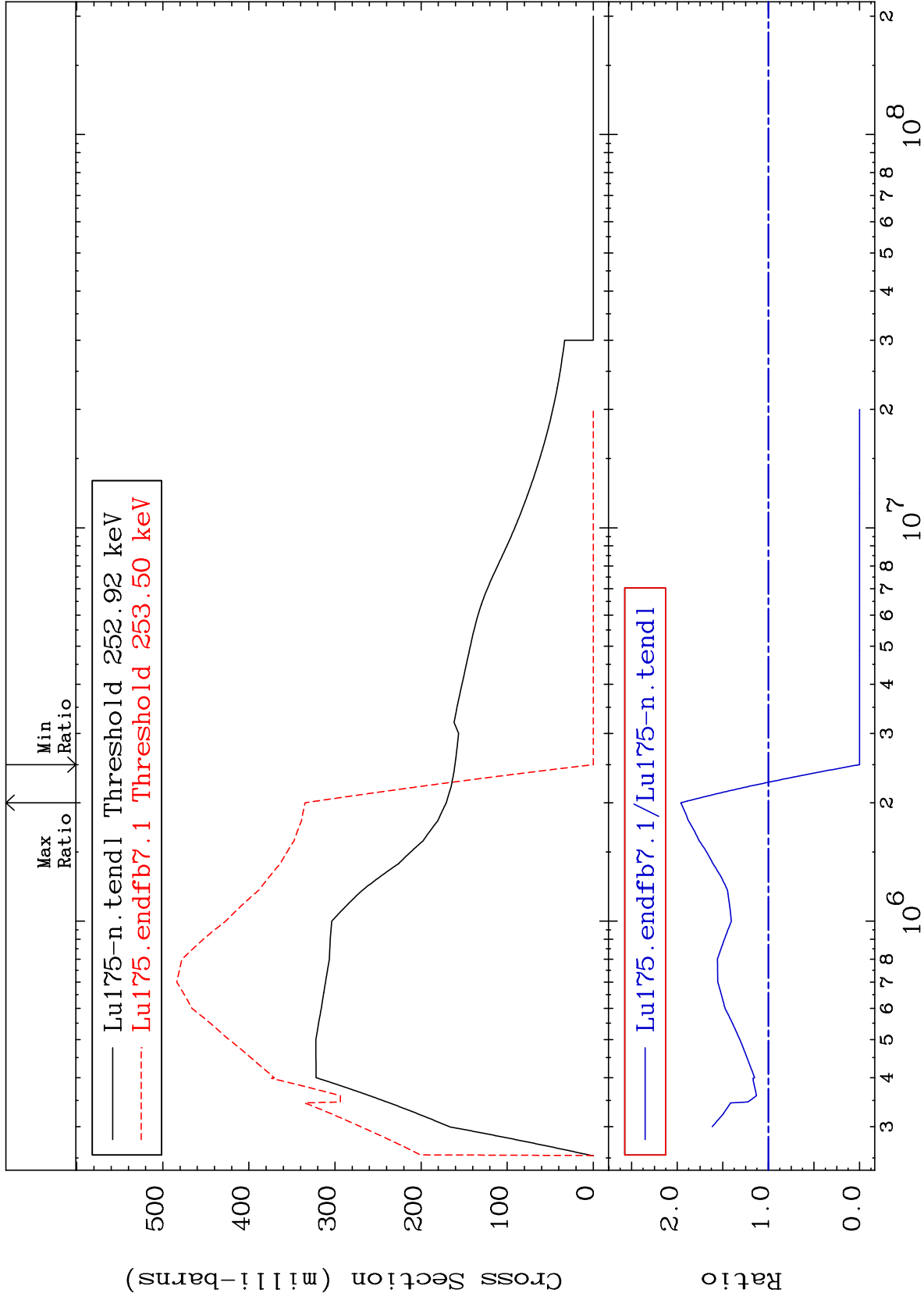
Cross Section



MAT 7125

251.5 keV (n,n') Level
Cross Section

71-Lu-175
-100.0 To 96.10 %



7

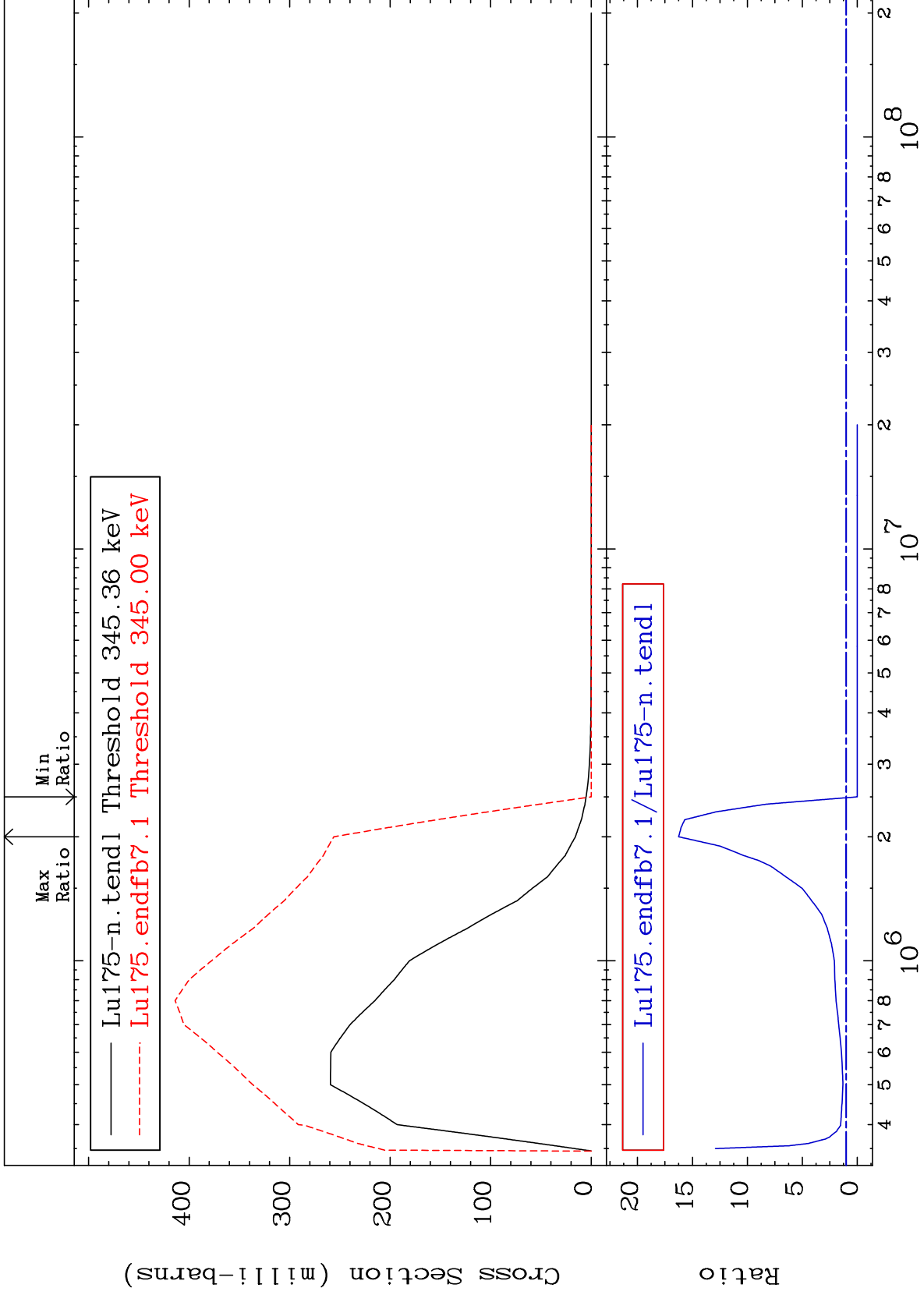
Incident Energy (eV)

71-Lu-175

MAT 7125

343.4 keV (n,n') Level
Cross Section

71-Lu-175
-100.0 To 1525. %



8

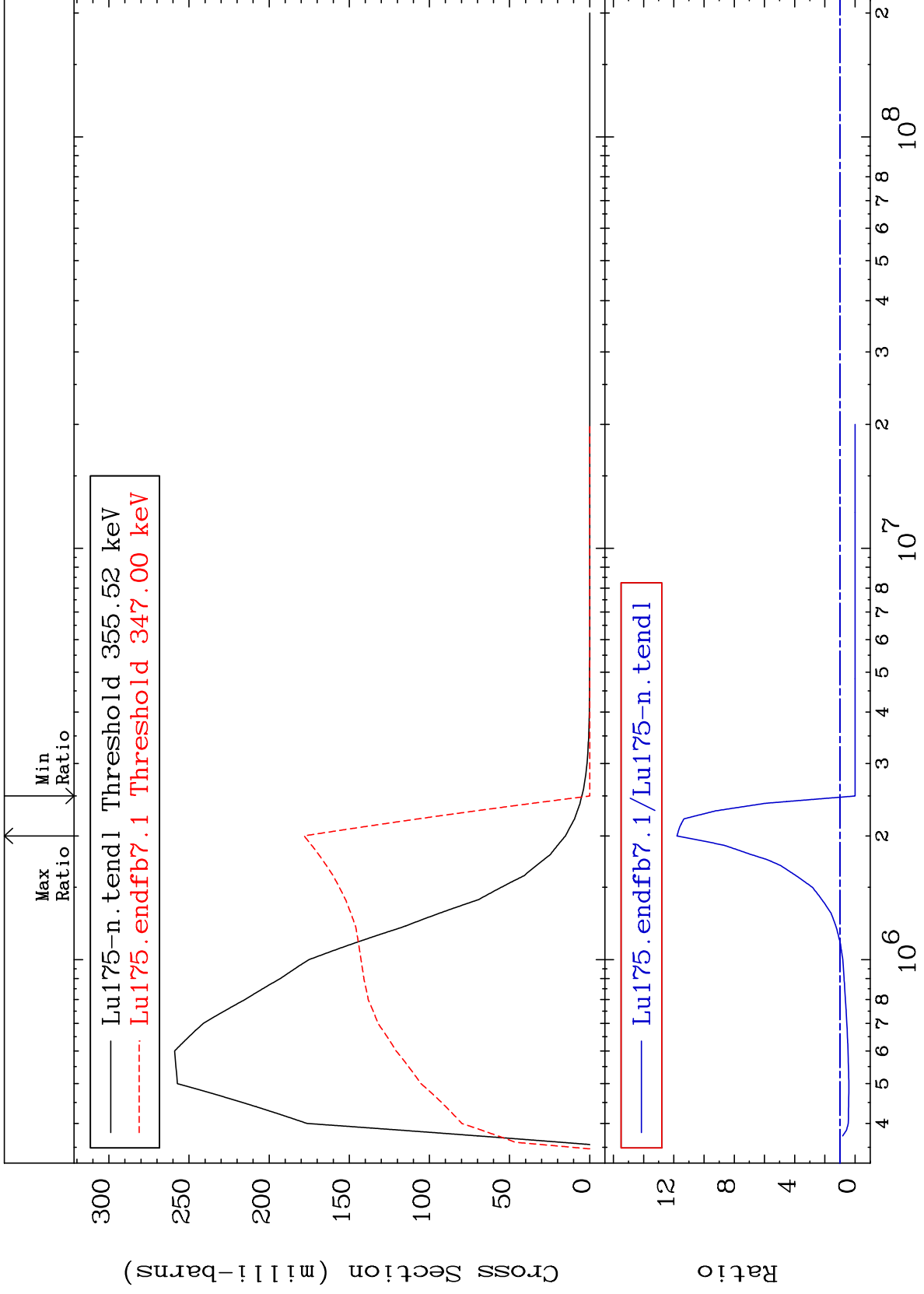
Incident Energy (eV)

71-Lu-175

MAT 7125

353.5 keV (n,n') Level
Cross Section

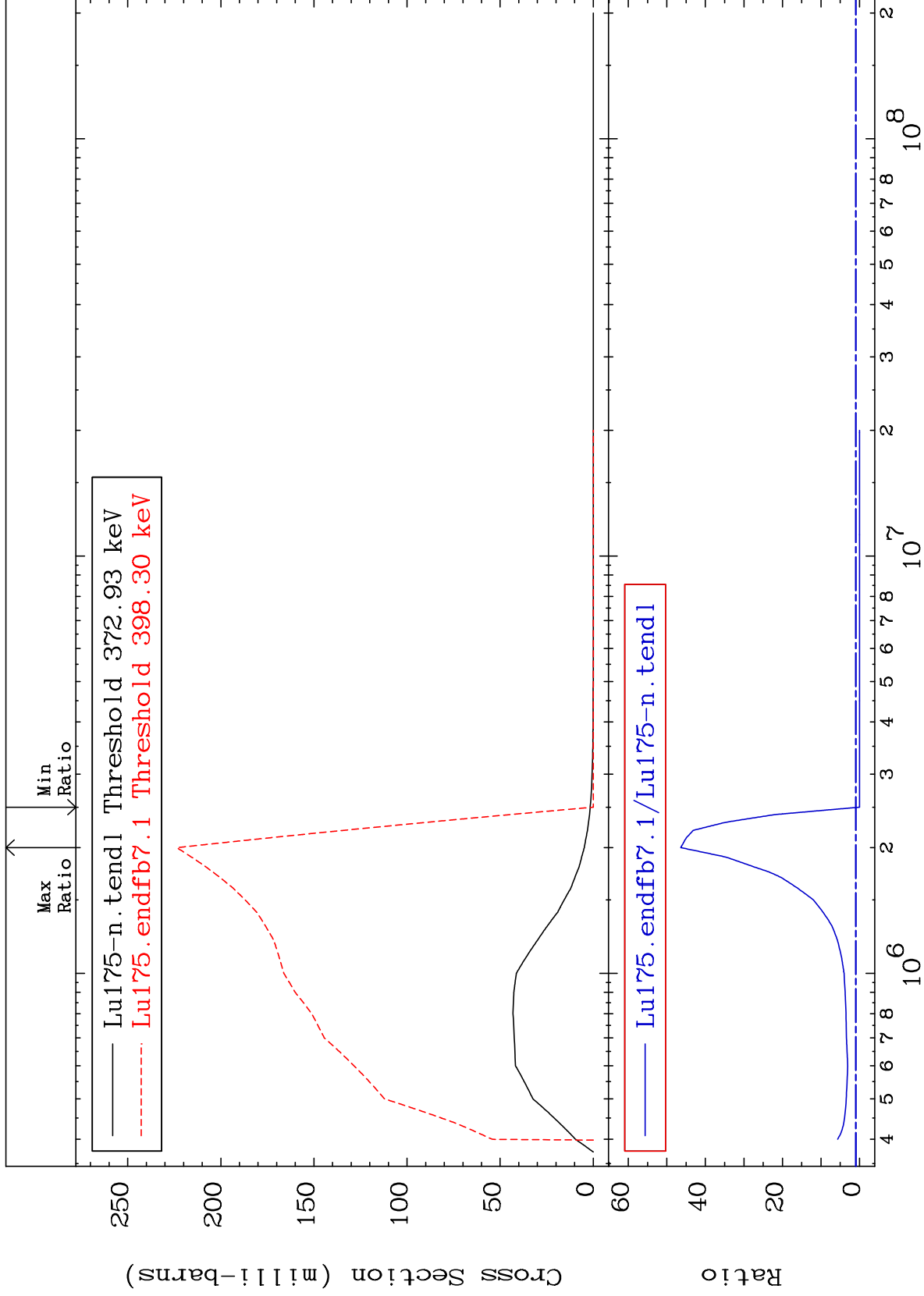
71-Lu-175
-100.0 To 1079. %



MAT 7125

370.8 keV (n,n') Level
Cross Section

71-Lu-175
-100.0 To 4538. %



10

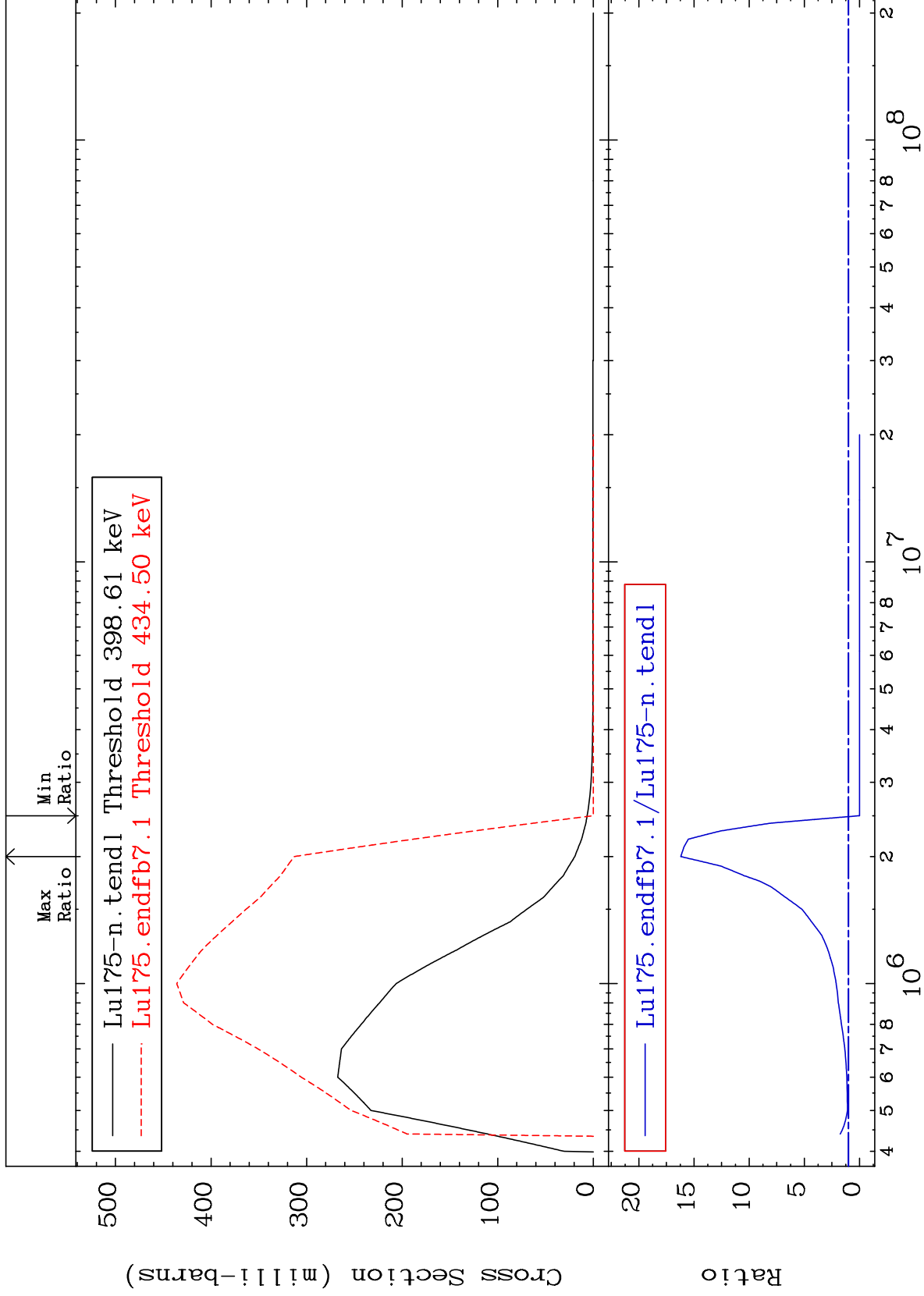
Incident Energy (eV)

71-Lu-175

MAT 7125

396.3 keV (n,n') Level
Cross Section

71-Lu-175
-100.0 To 1520. %



11

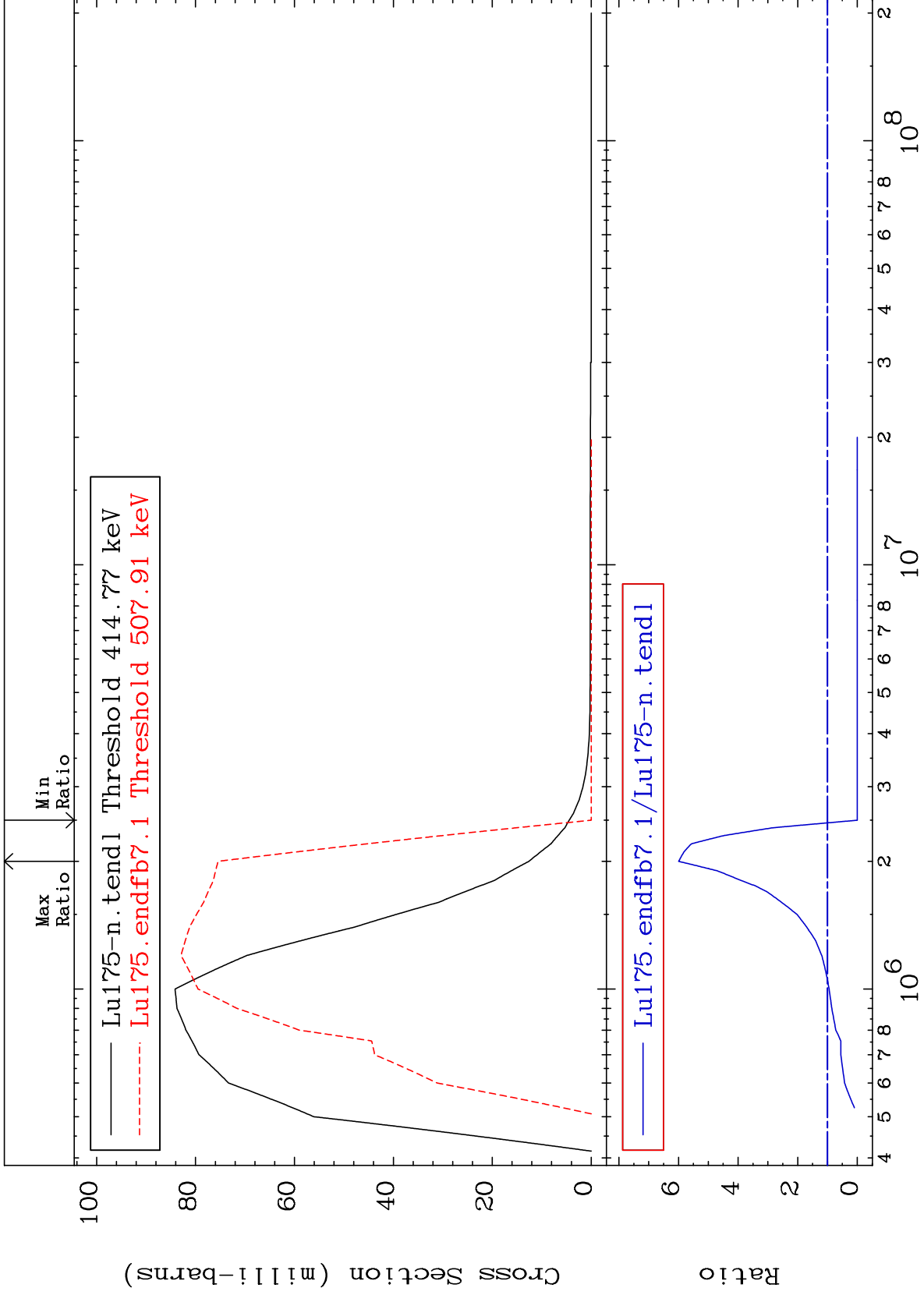
Incident Energy (eV)

71-Lu-175

MAT 7125

412.4 keV (n,n') Level
Cross Section

71-Lu-175
-100.0 To 499.6 %



12

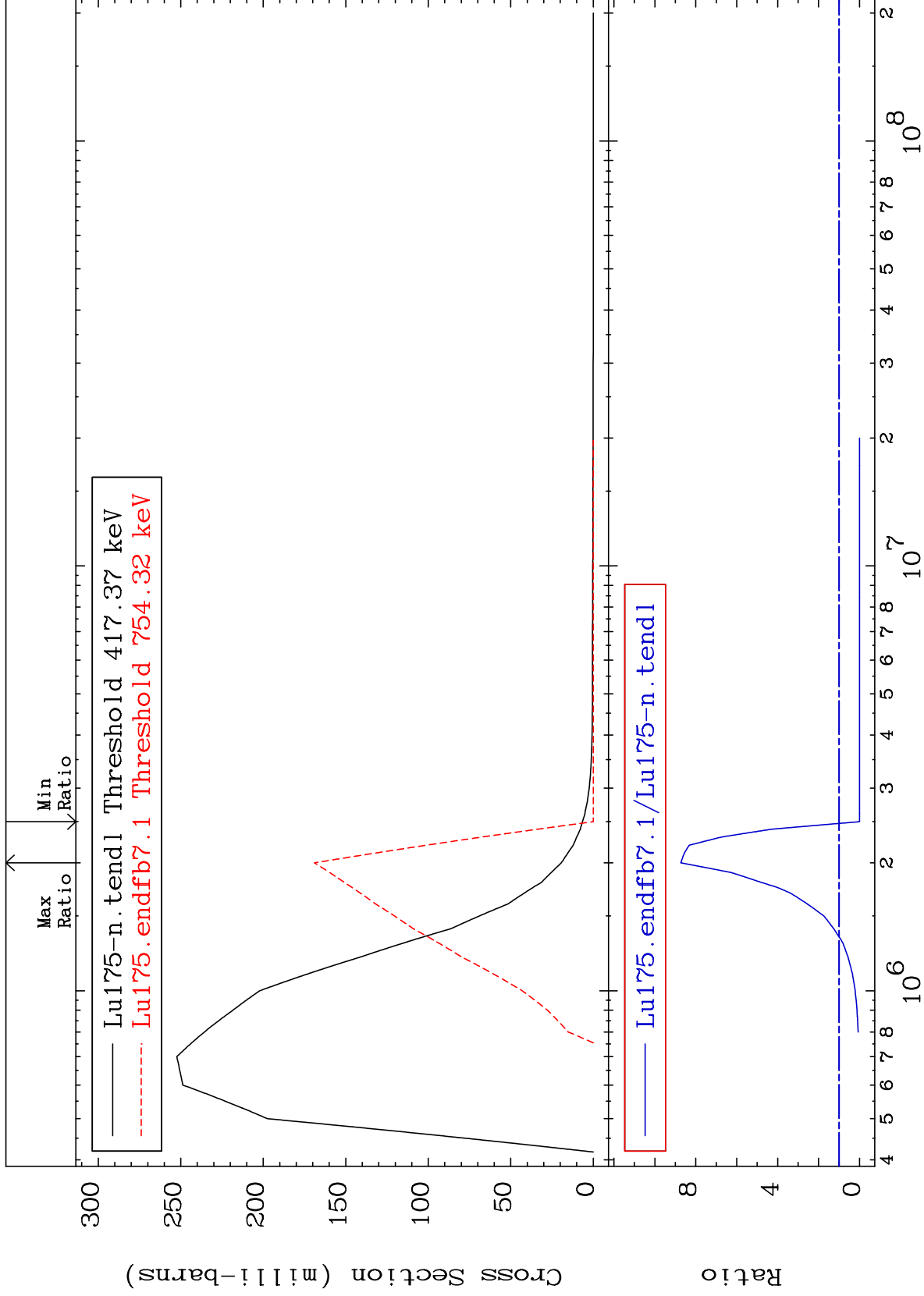
Incident Energy (eV)

71-Lu-175

MAT 7125

415.0 keV (n,n') Level
Cross Section

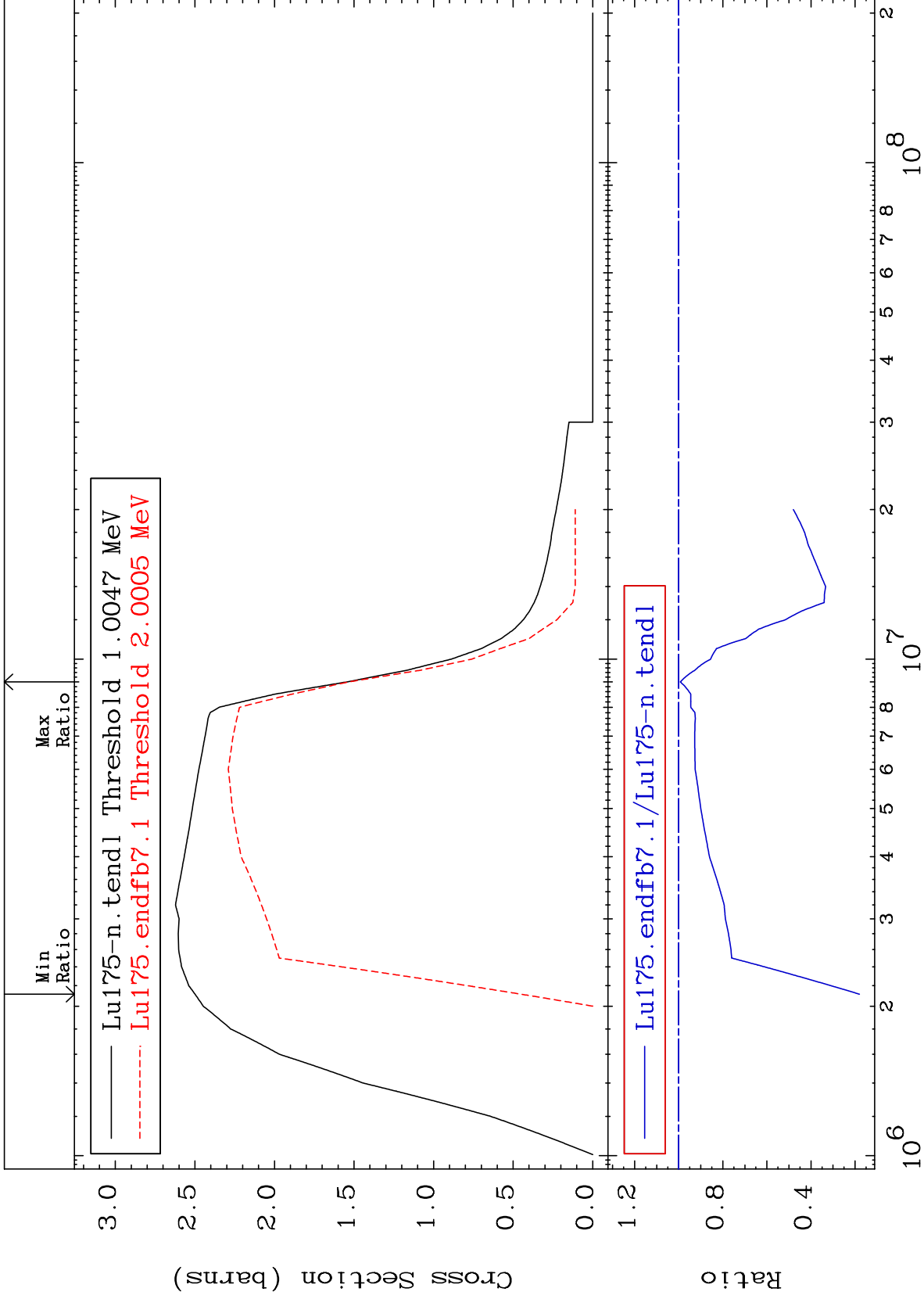
71-Lu-175
-100.0 To 773.3 %



MAT 7125

(n, n') Continuum
Cross Section

71-Lu-175
-81.97 To -0.742%



14

Incident Energy (eV)

71-Lu-175

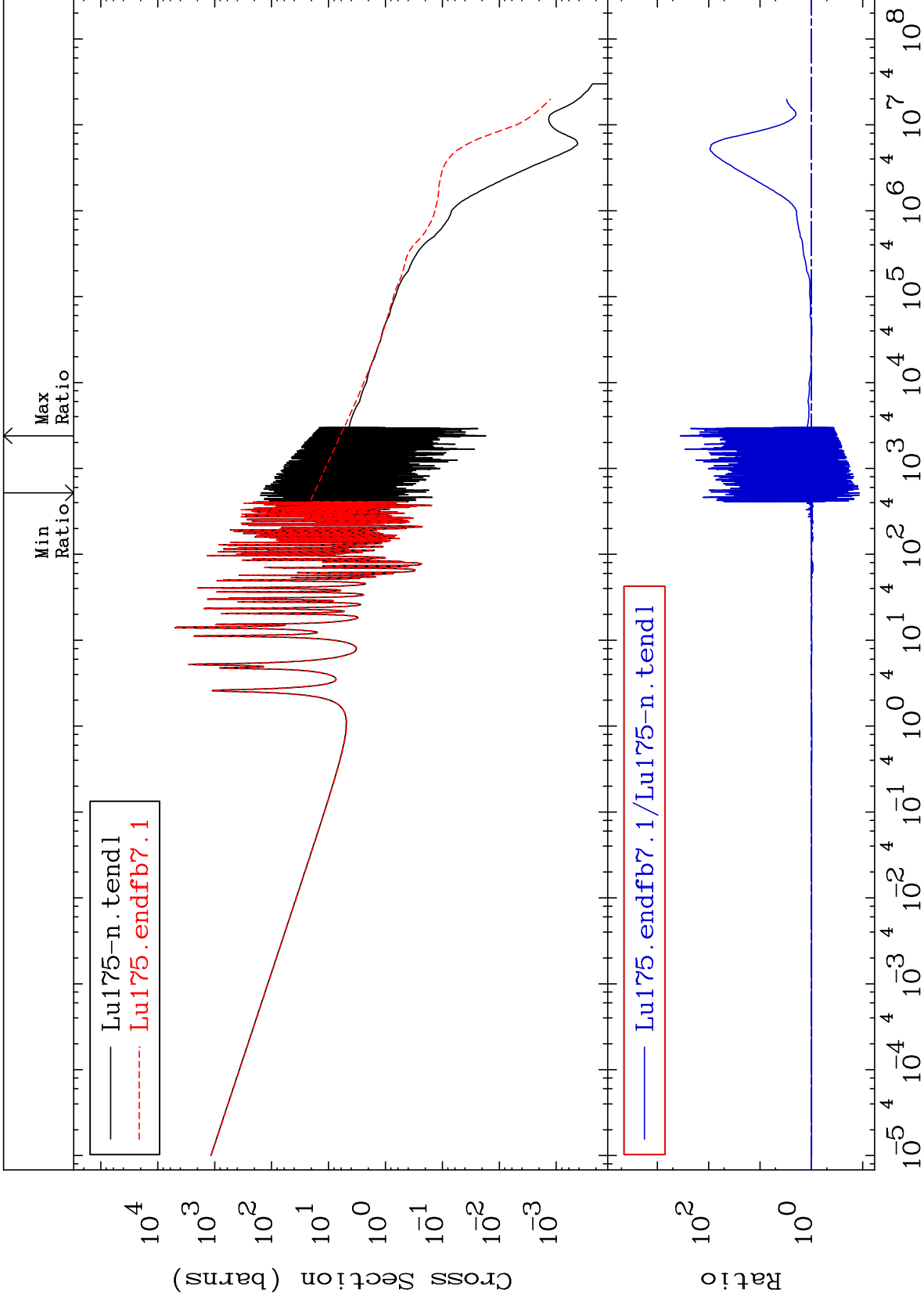
MAT 7125

(n, γ)

71-Lu-175

Cross Section

-88.36 To 9999. %



Incident Energy (eV)

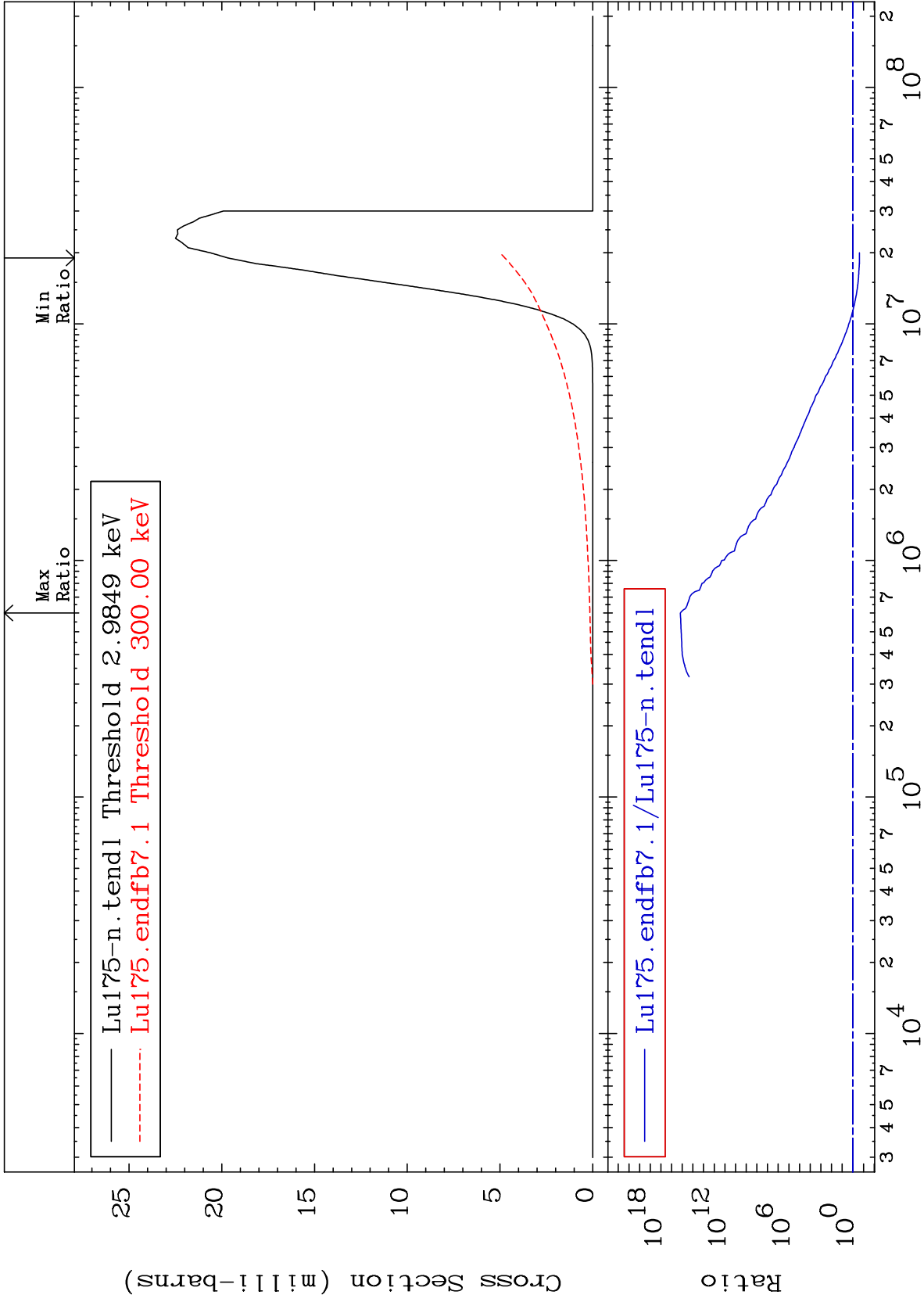
71-Lu-175

15

MAT 7125

(n, p)
Cross Section

71-Lu-175
-75.94 To 9999. %



16

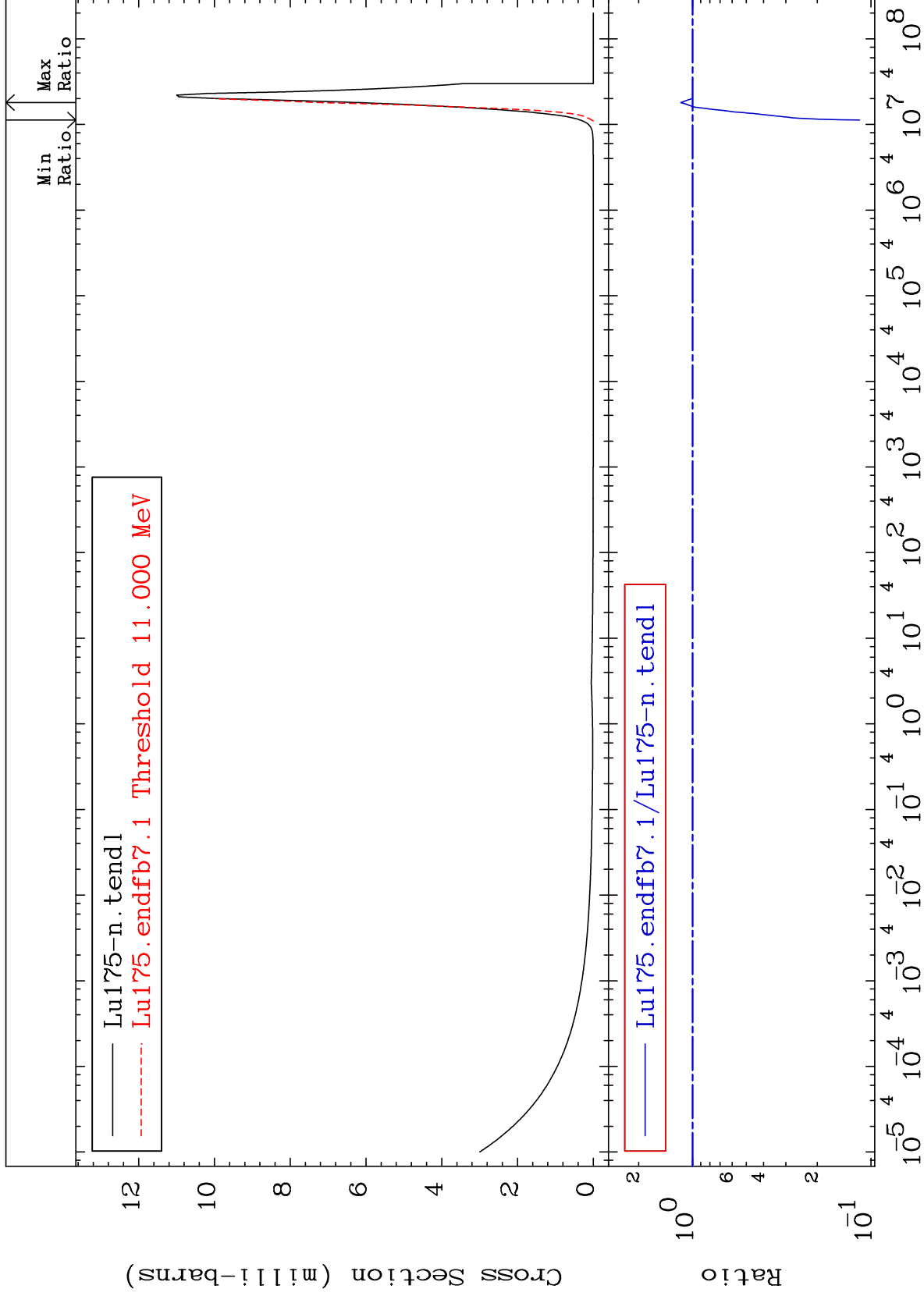
Incident Energy (eV)

71-Lu-175

MAT 7125

(n, α)
Cross Section

⁷¹Lu-175
-88.40 To 16.34 %



Incident Energy (eV)

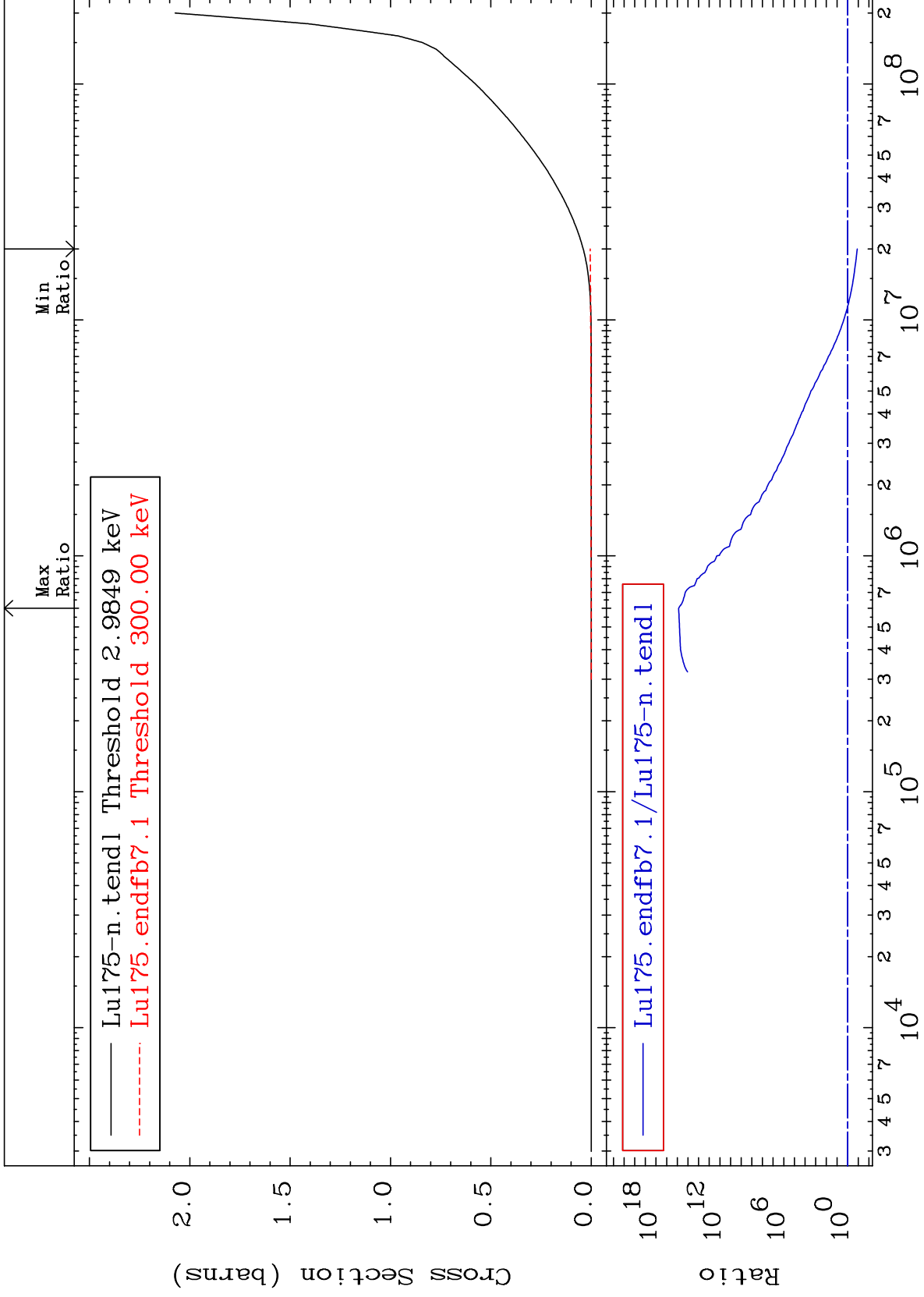
⁷¹Lu-175

17

MAT 7125

Hydrogen Production
Cross Section

71-Lu-175
-87.49 To 9999. %



18

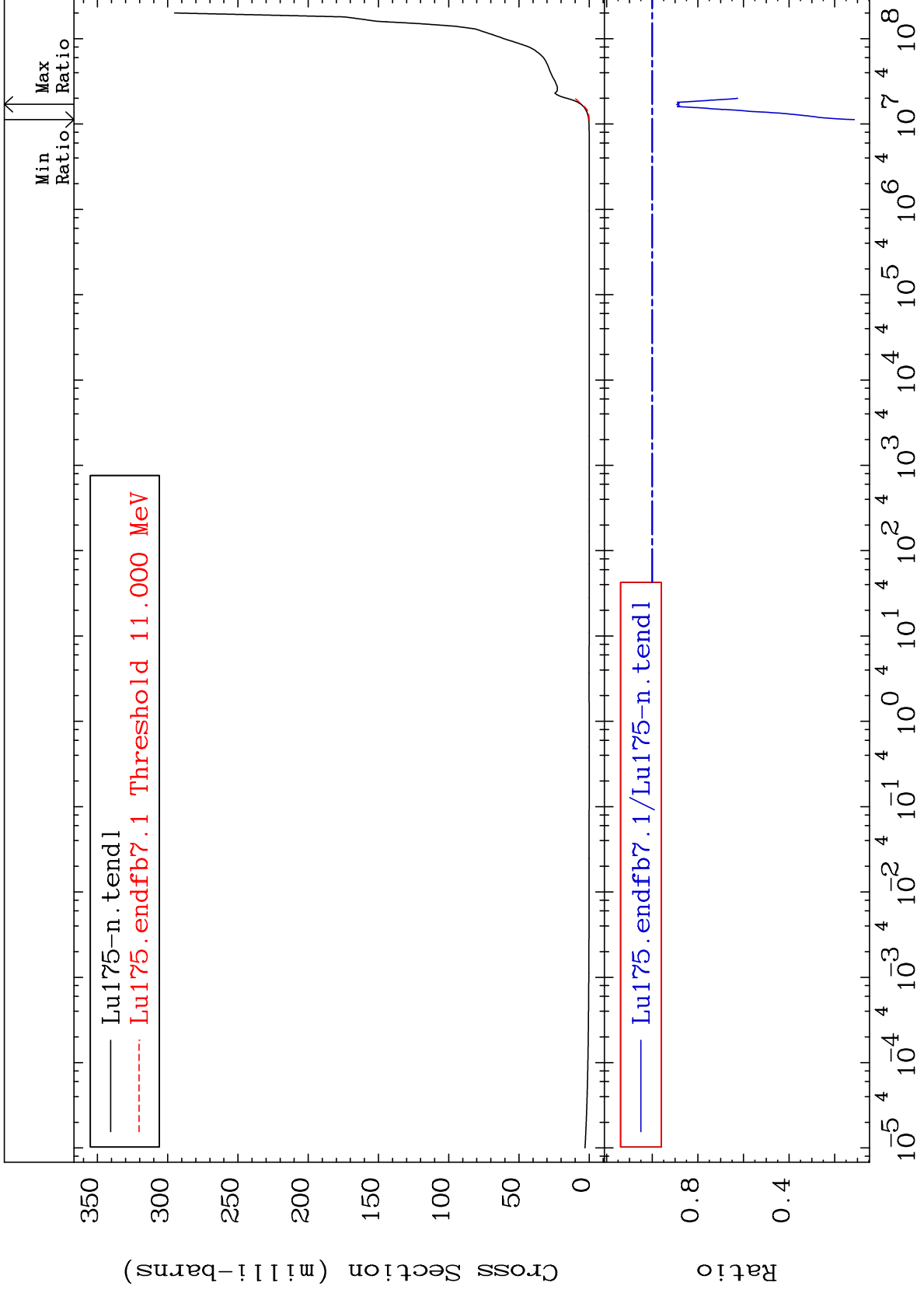
Incident Energy (eV)

71-Lu-175

MAT 7125

He-4 Production
Cross Section

^{71}Lu - ^{175}Lu
-88.60 To -10.58%



19

Incident Energy (eV)

^{71}Lu - ^{175}Lu

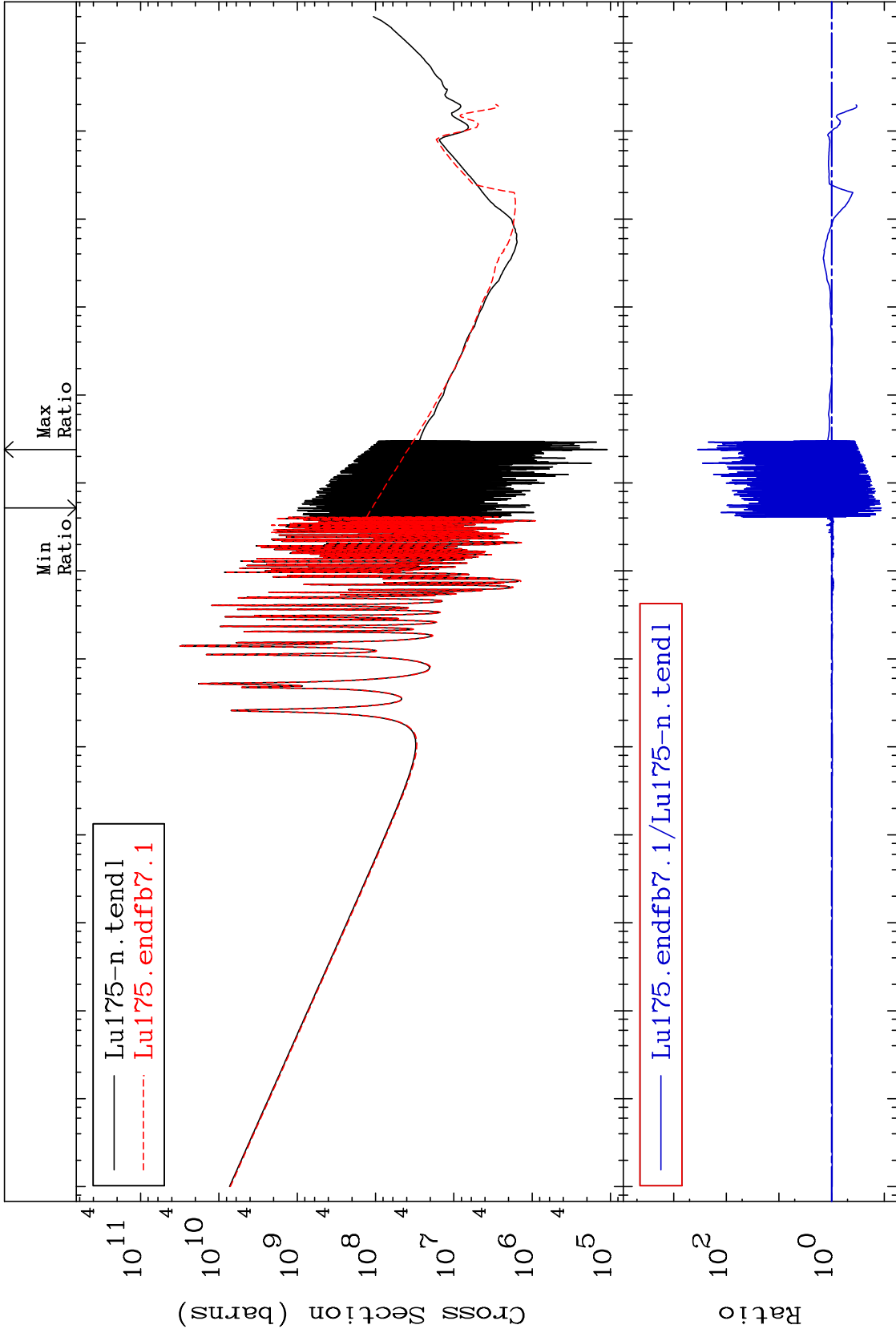
MAT 7125

Kerma total (eV-barns)

71-Lu-175

Cross Section

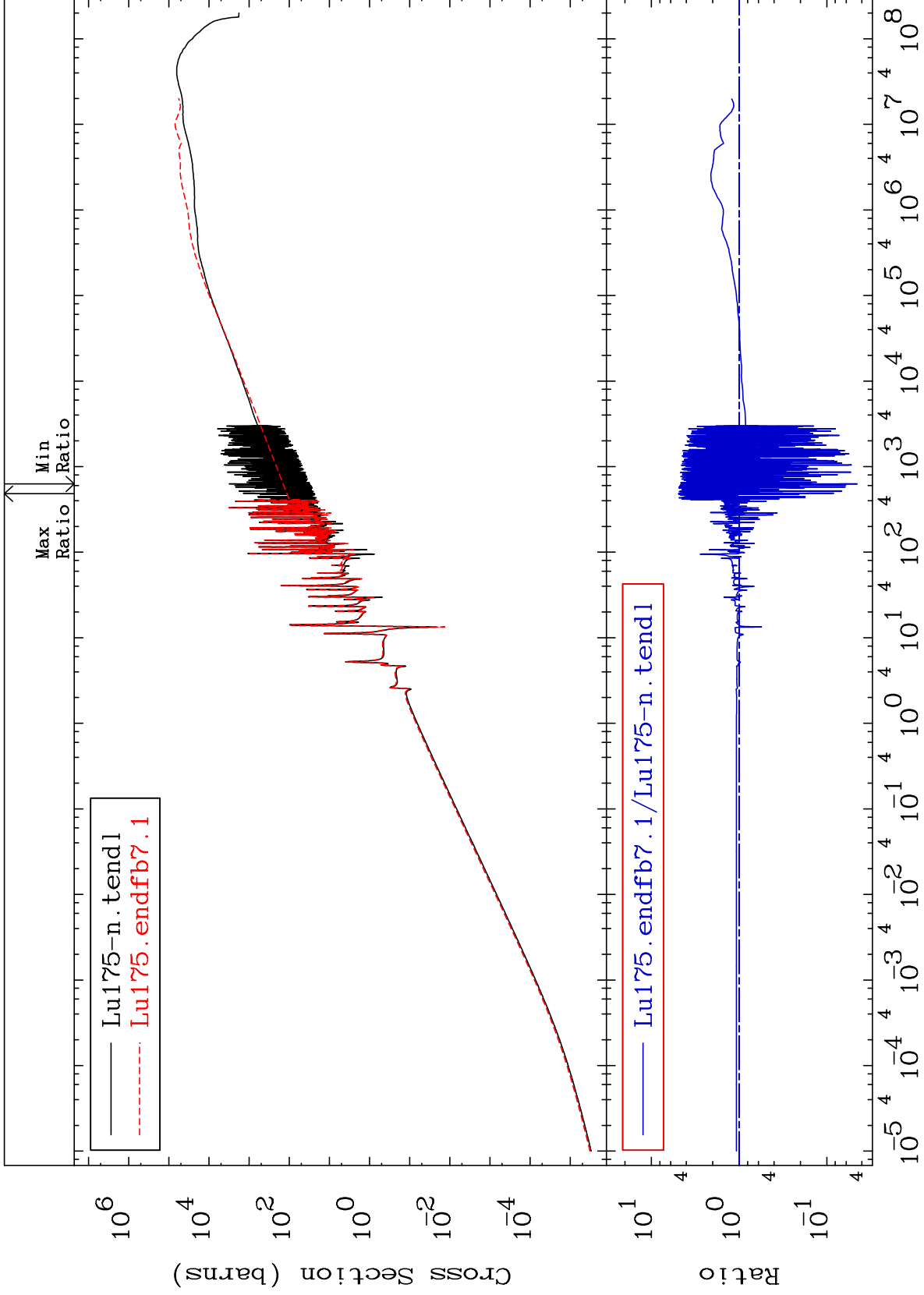
-88.54 To 9999. %



MAT 7125

Kerma elastic
Cross Section

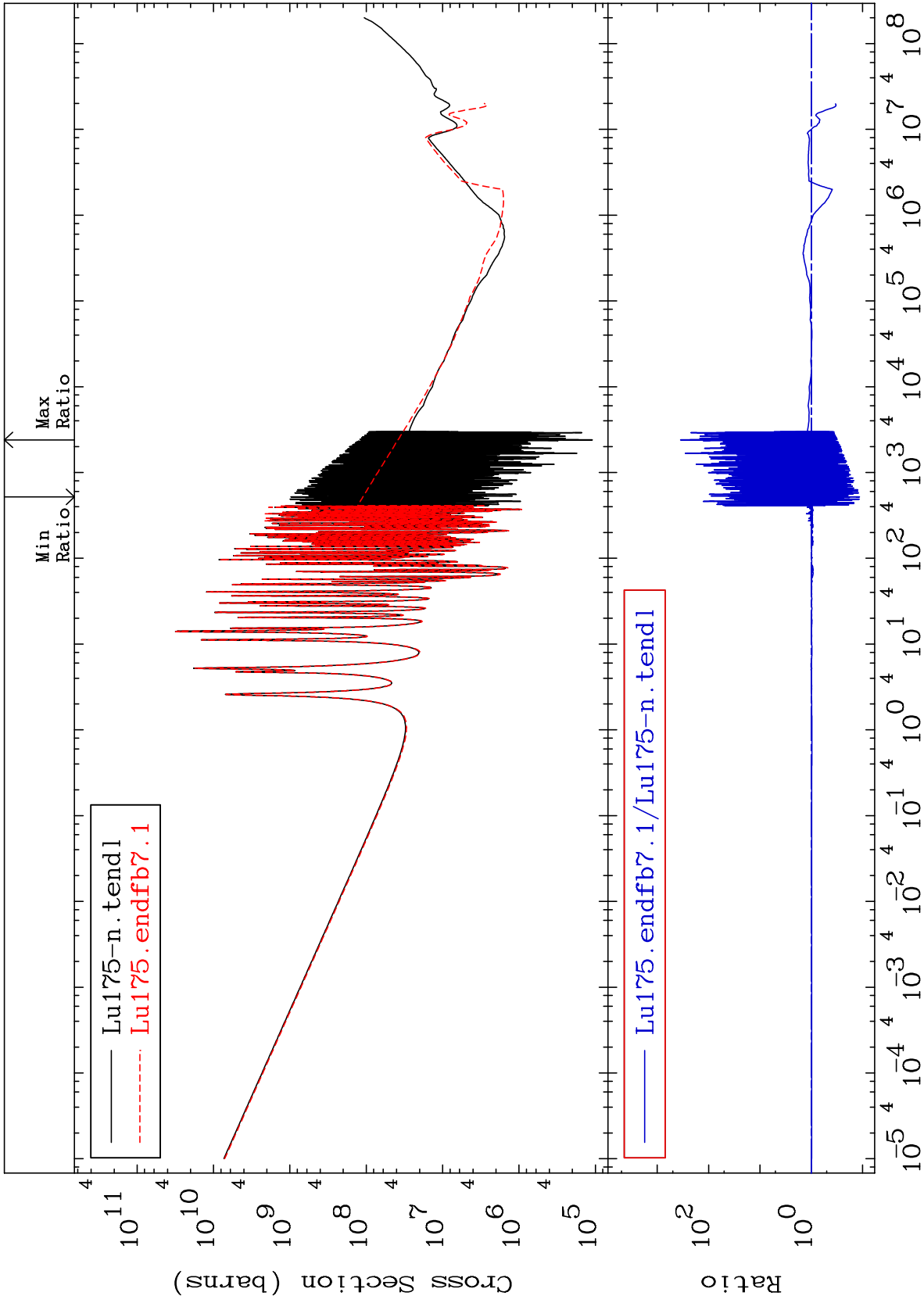
71-Lu-175
-95.50 To 387.9 %

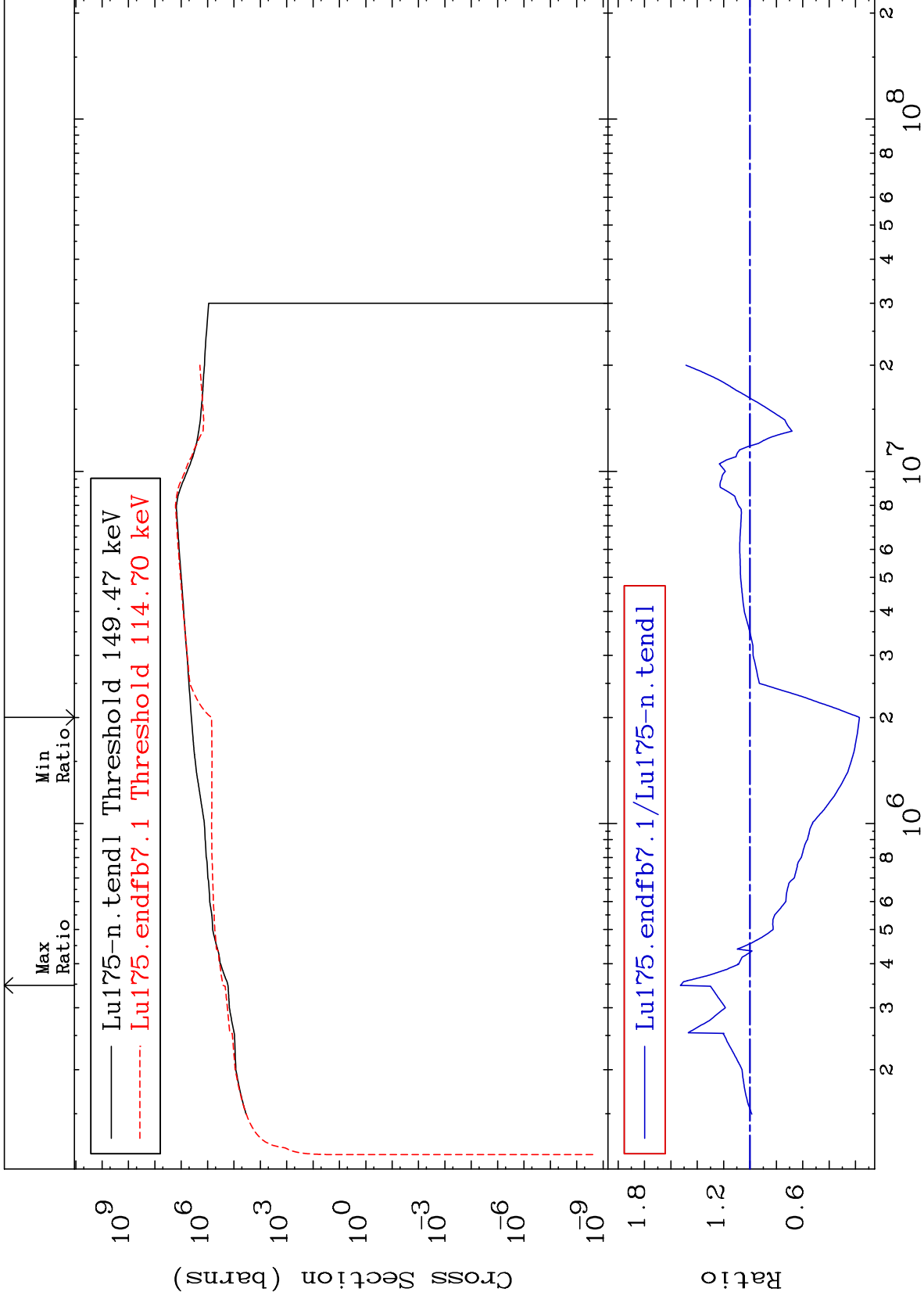


MAT 7125

Kerma non-elastic (all but mt2)
Cross Section

71-Lu-175
-88.54 To 9999. %

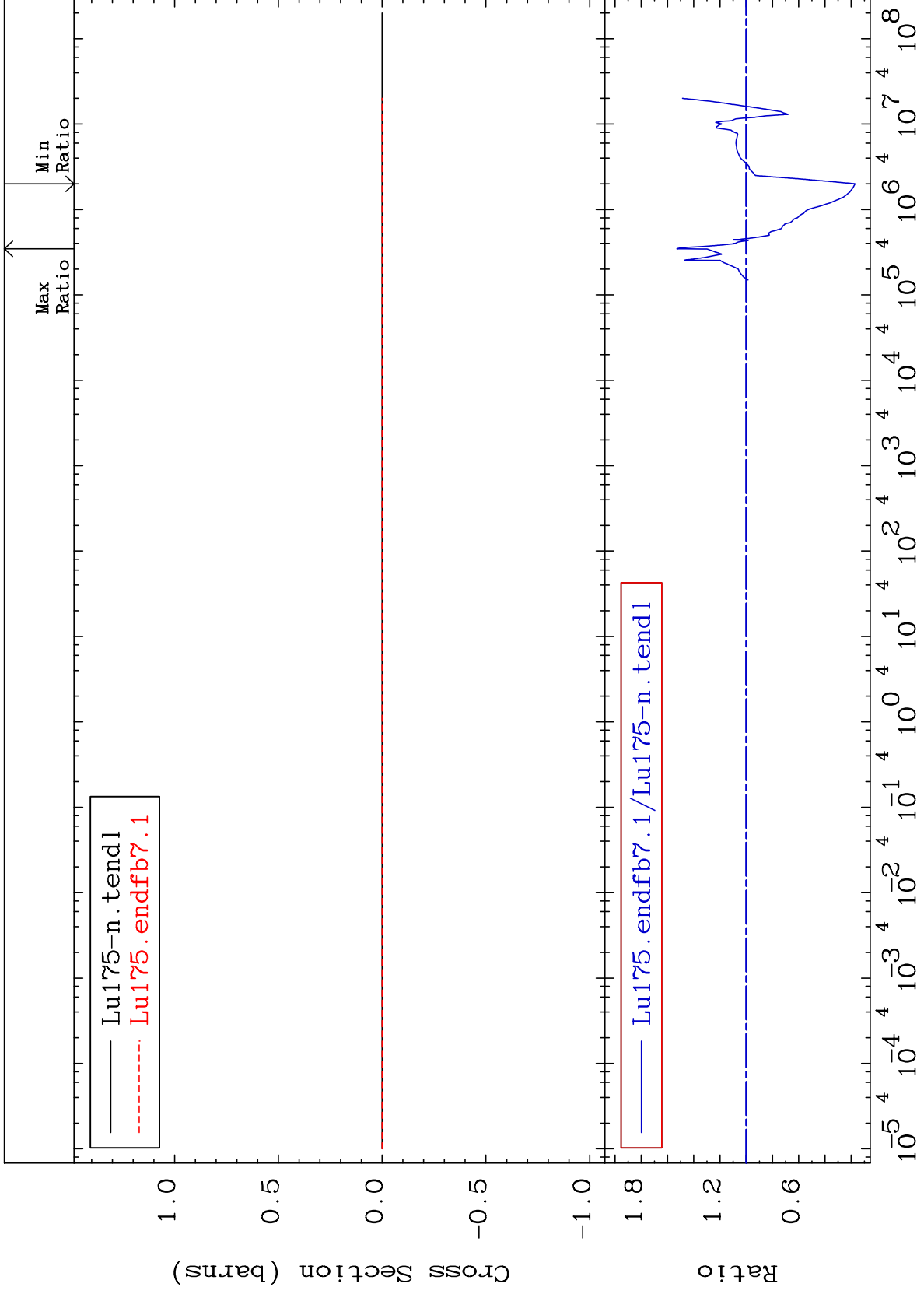




MAT 7125

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

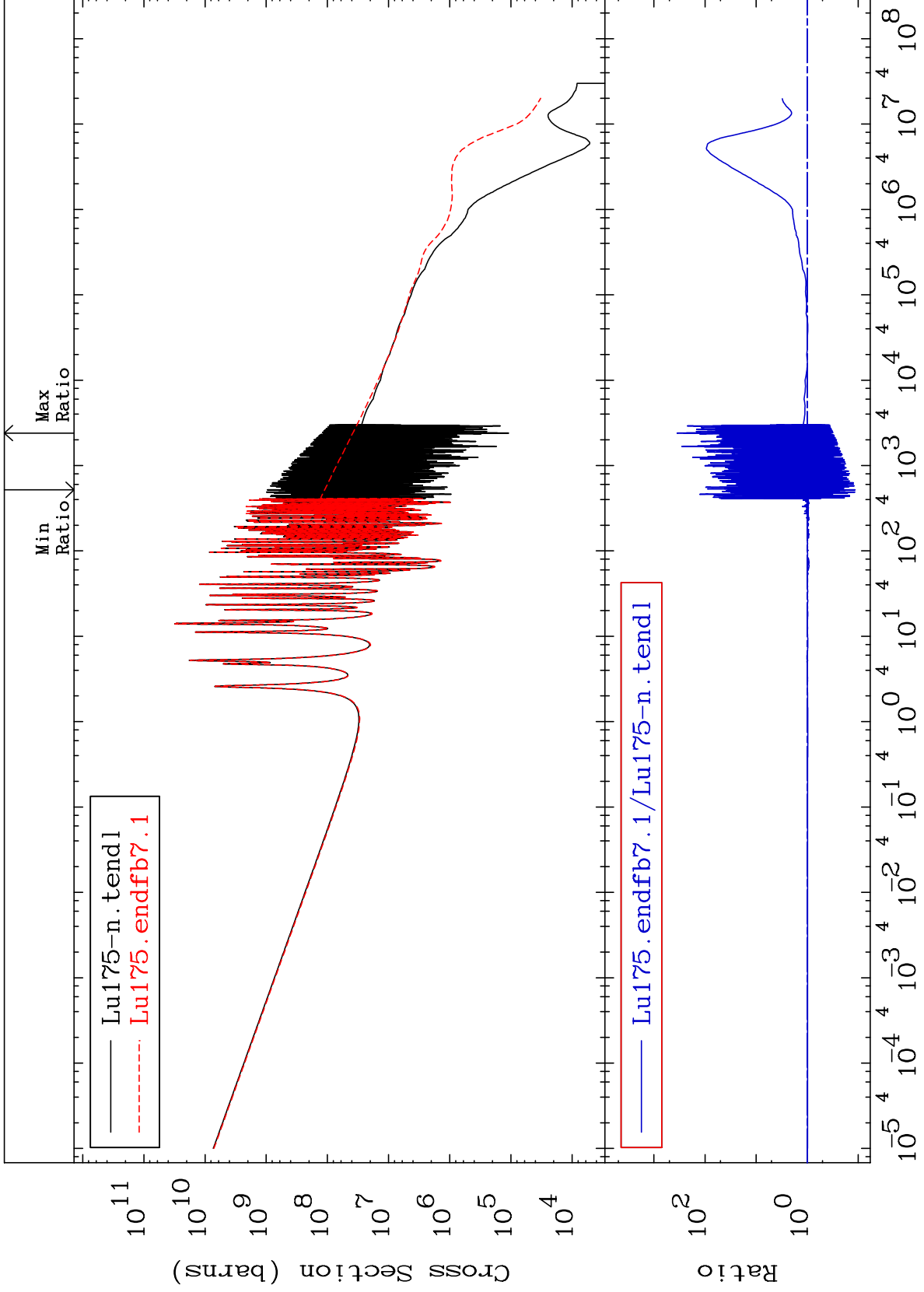
71-Lu-175
-82.97 To 52.83 %



MAT 7125

Kerma capture (mt102)
Cross Section

71-Lu-175
-88.54 To 9999. %



25

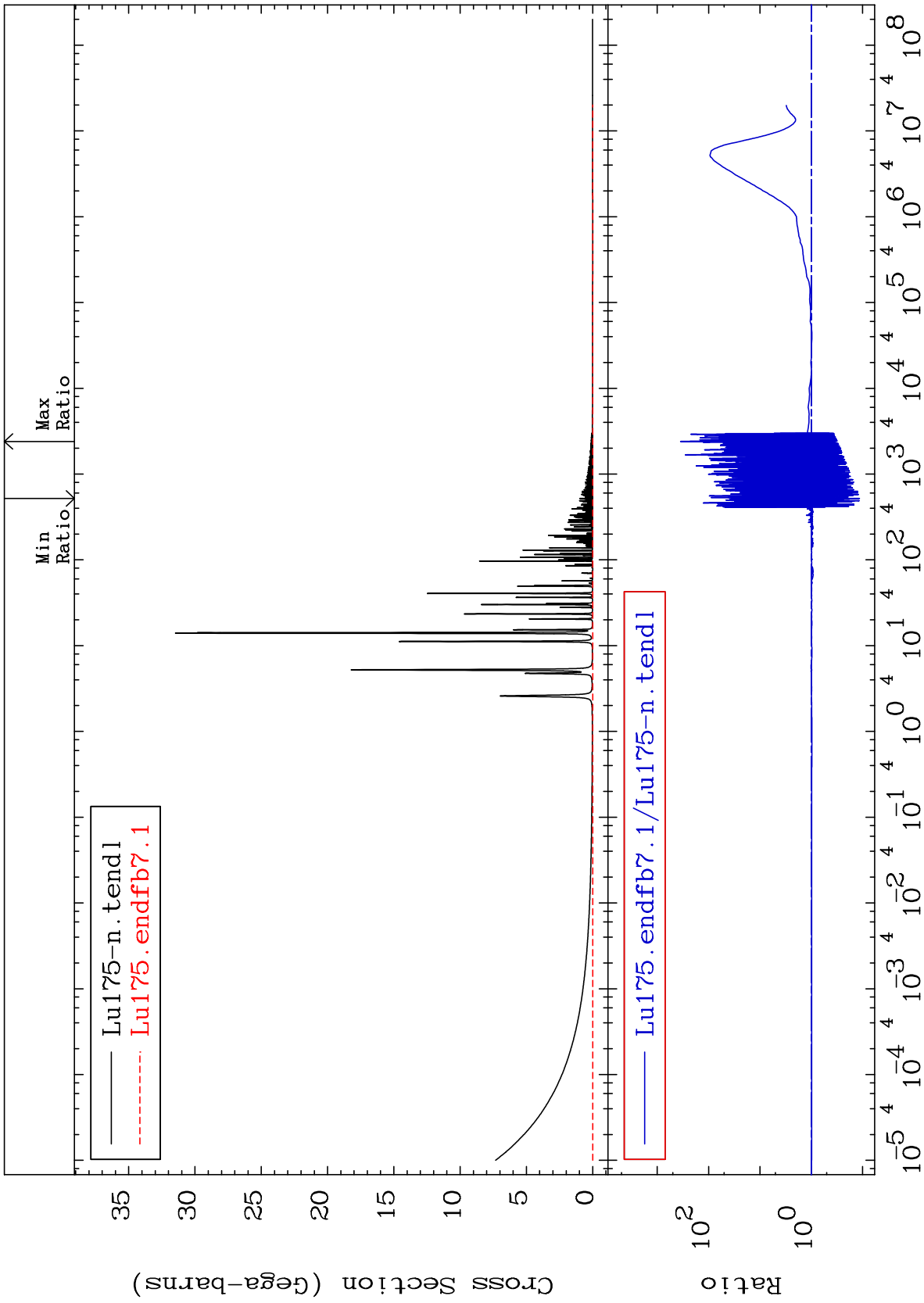
Incident Energy (eV)

71-Lu-175

MAT 7125

Total photon (eV-barns)
Cross Section

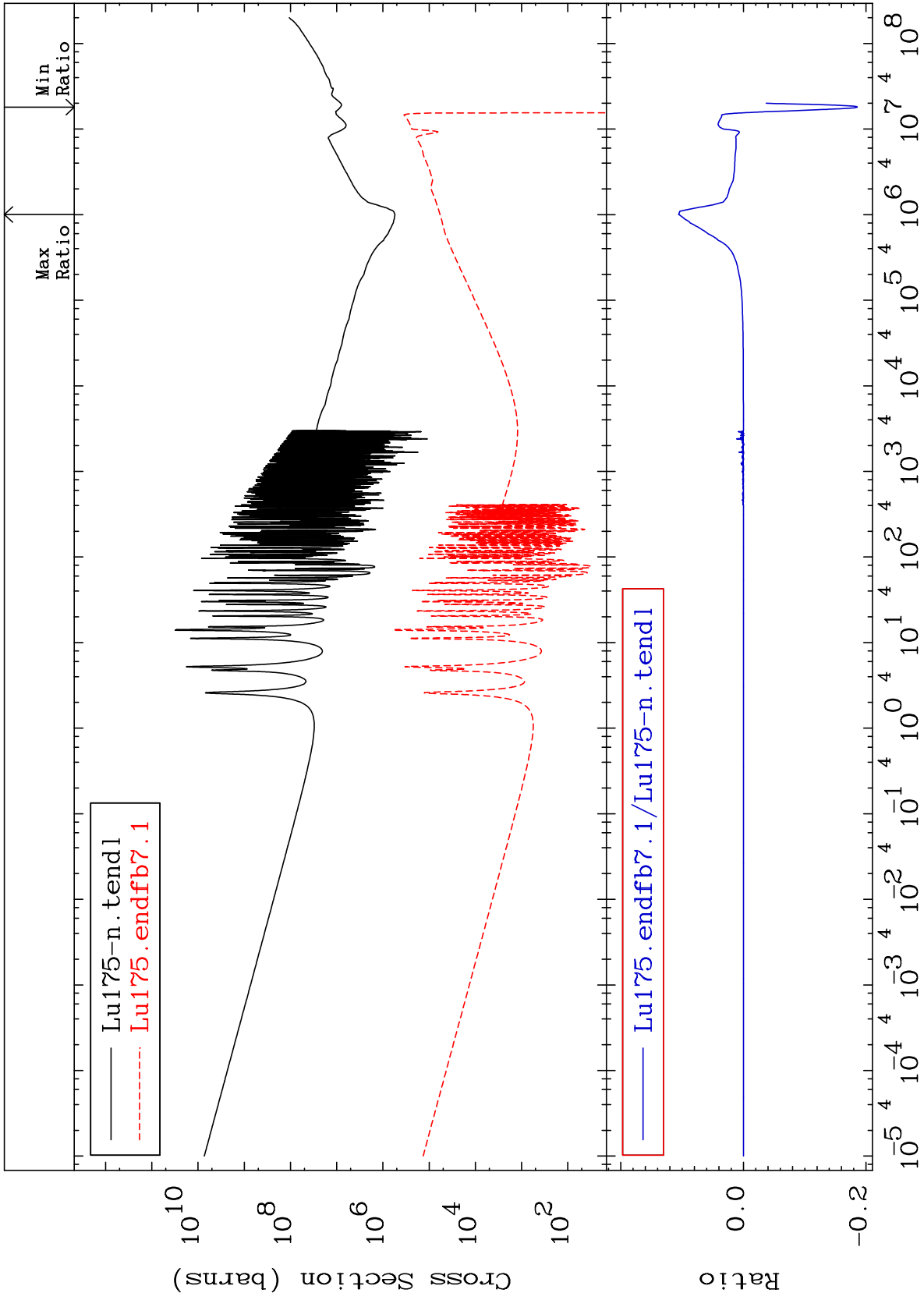
71-Lu-175
-88.54 To 9999. %

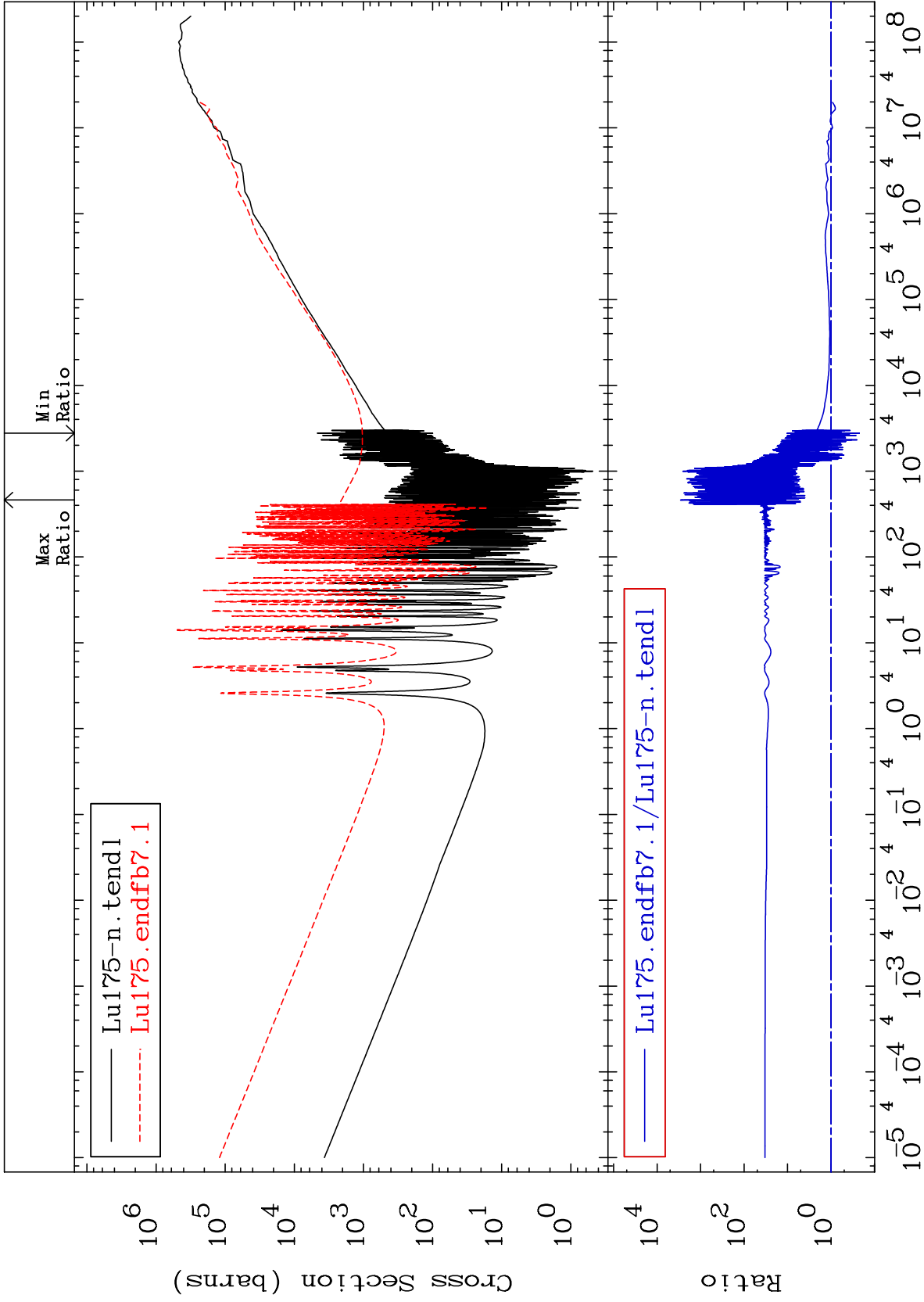


MAT 7125

Total kinematic kerma (high limit)
Cross Section

71-Lu-175
-118.6 To -89.43%

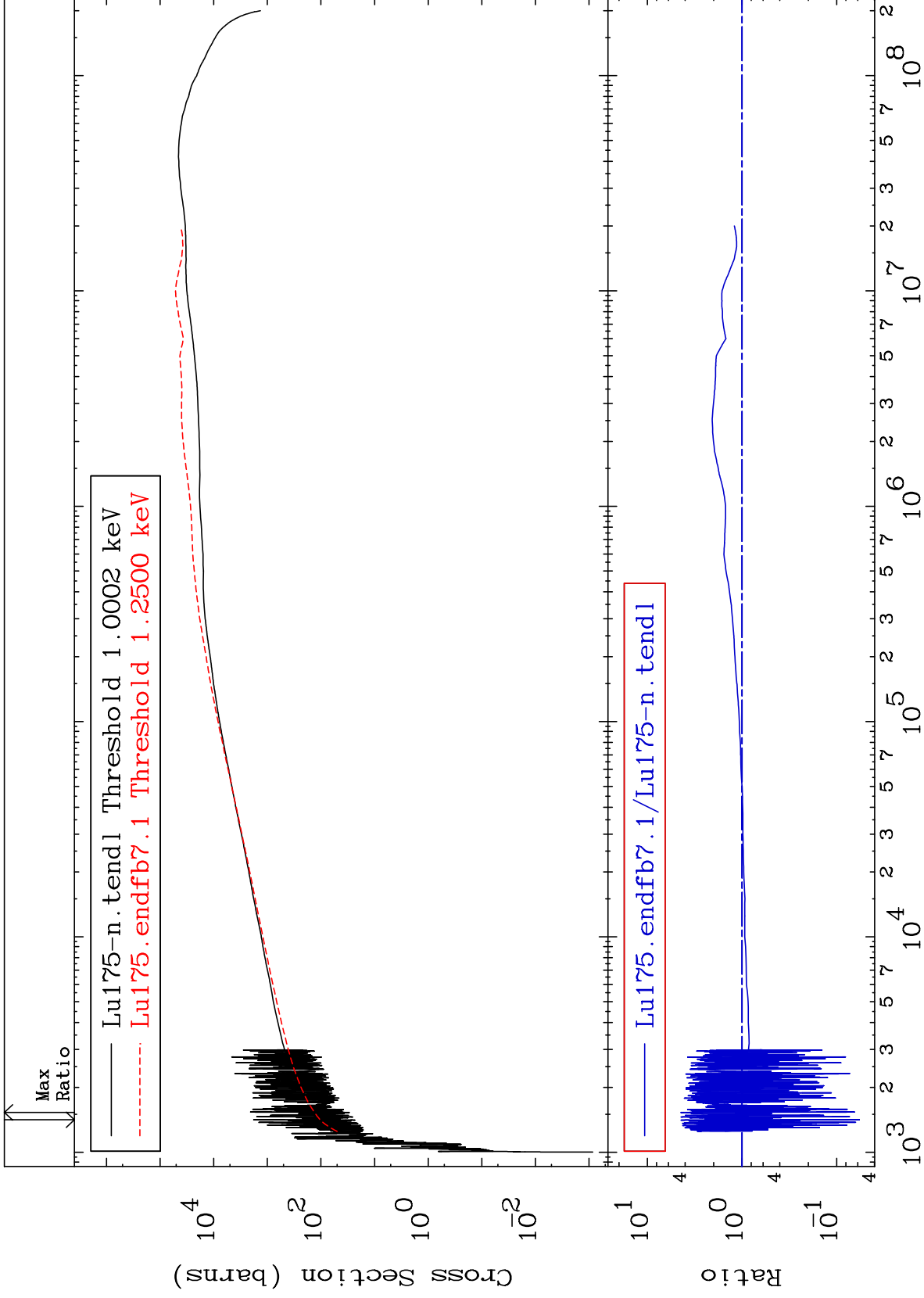




MAT 7125

Dpa elastic (mt2)
Cross Section

71-Lu-175
-94.24 To 348.7 %



29

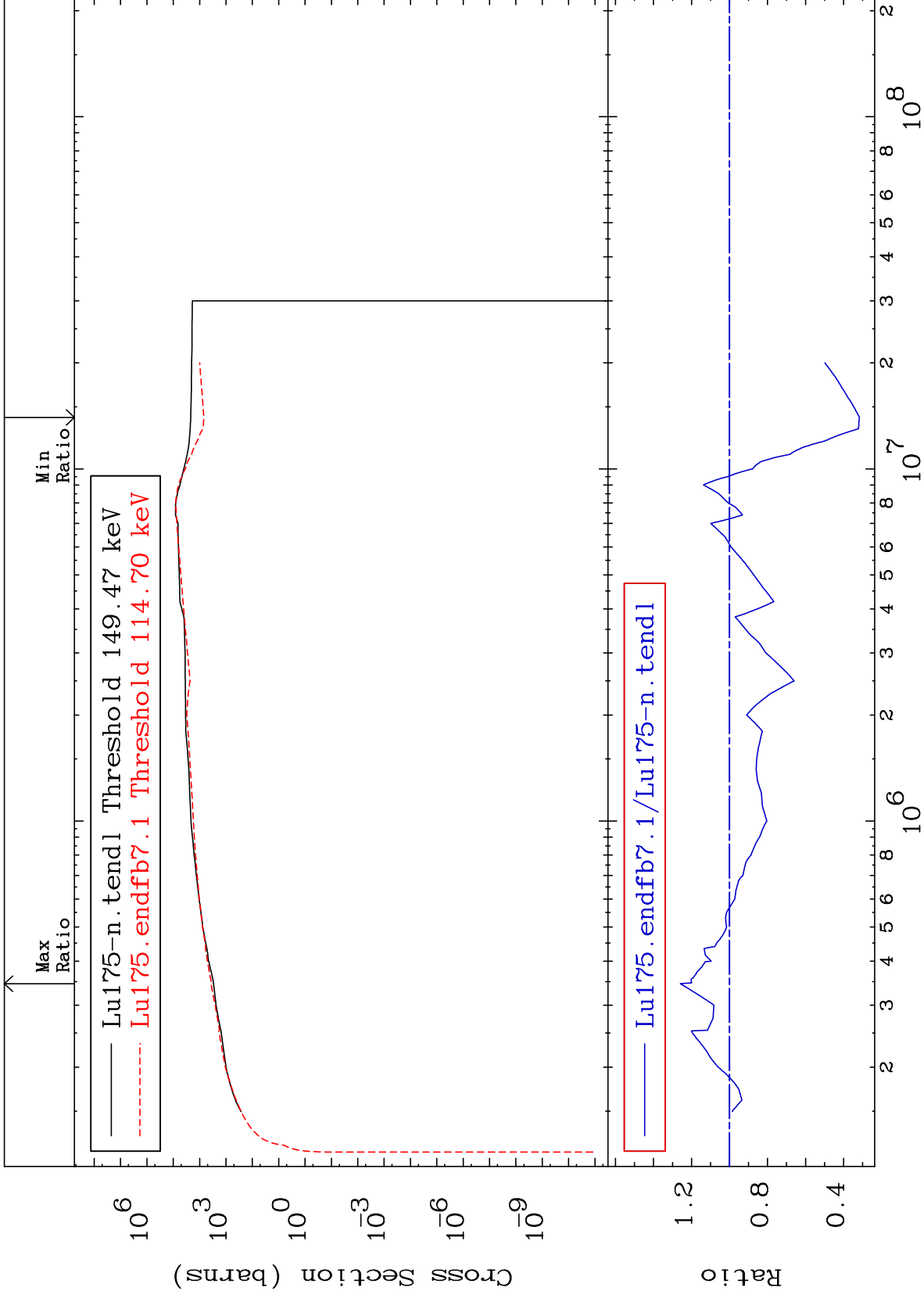
Incident Energy (eV)

71-Lu-175

MAT 7125

Dpa inelastic (mt51-91)
Cross Section

71-Lu-175
-68.36 To 25.87 %



MAT 7125

Dpa disappearance (mt102 -120)
Cross Section

71-Lu-175
-34.60 To 9999. %

