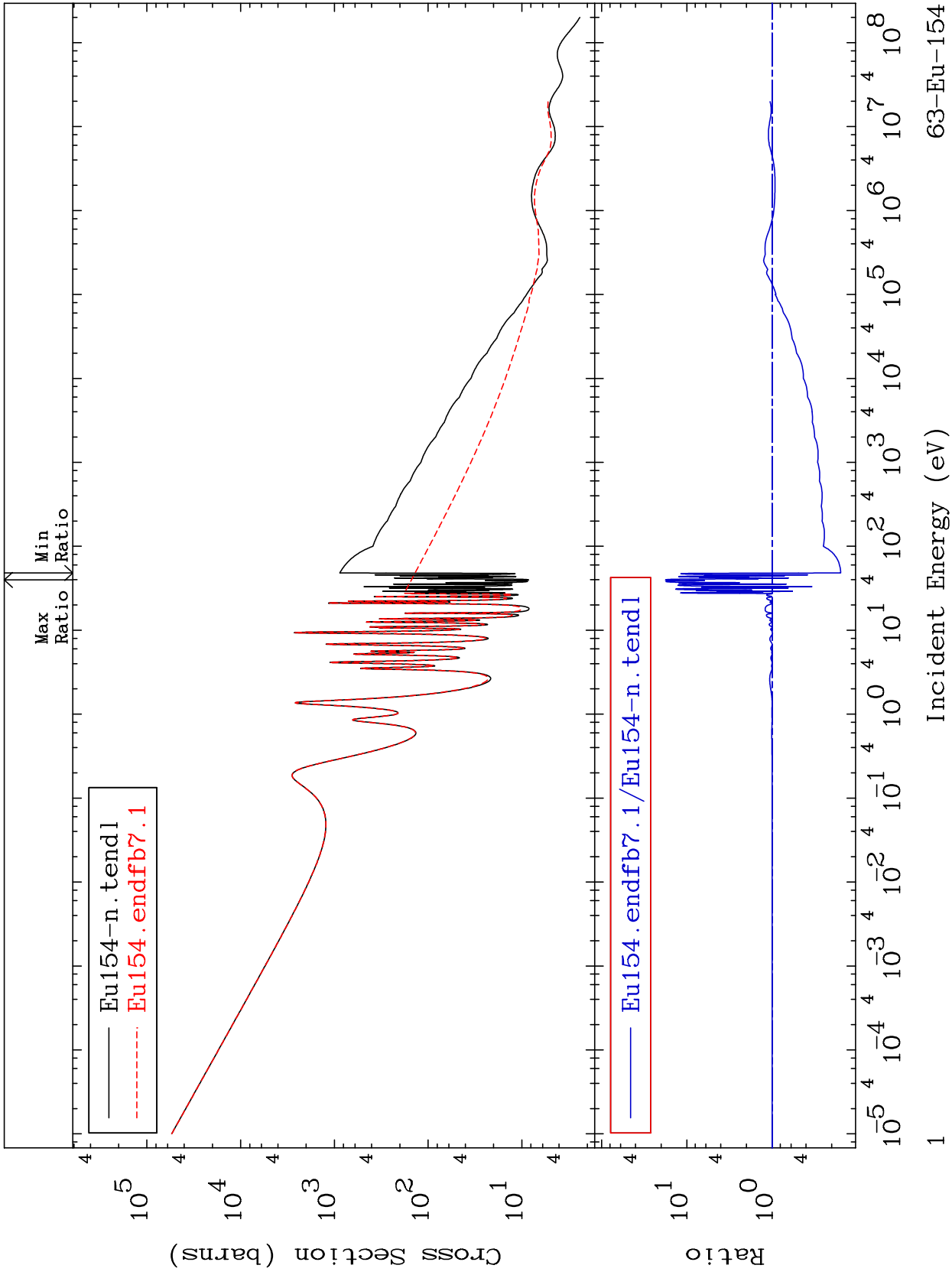


MAT 6334

Total Cross Section
63-Eu-154
-84.30 To 1682. %

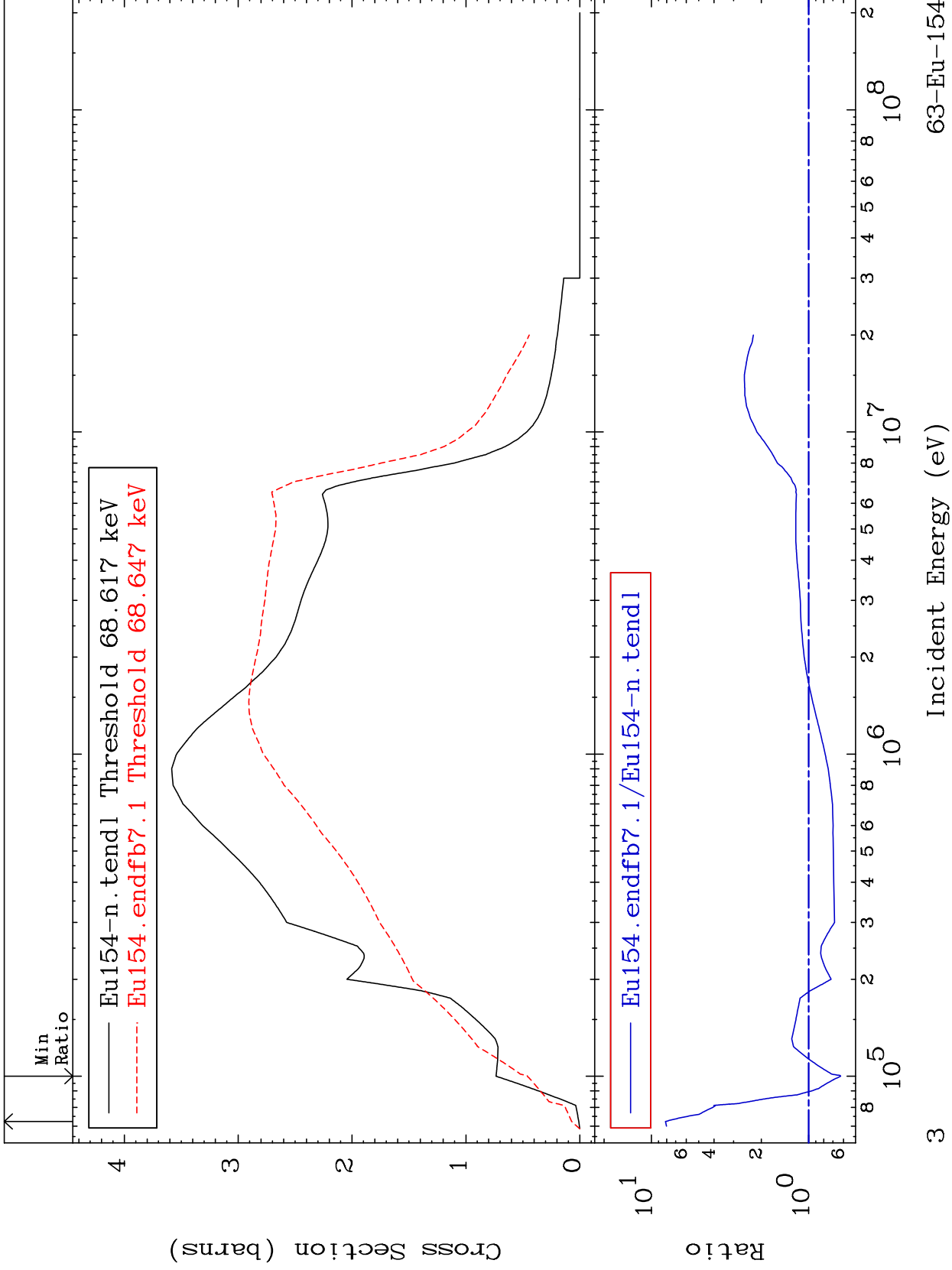


63-Eu-154

MAT 6334

Inelastic
Cross Section

63-Eu-154
-37.52 To 712.9 %



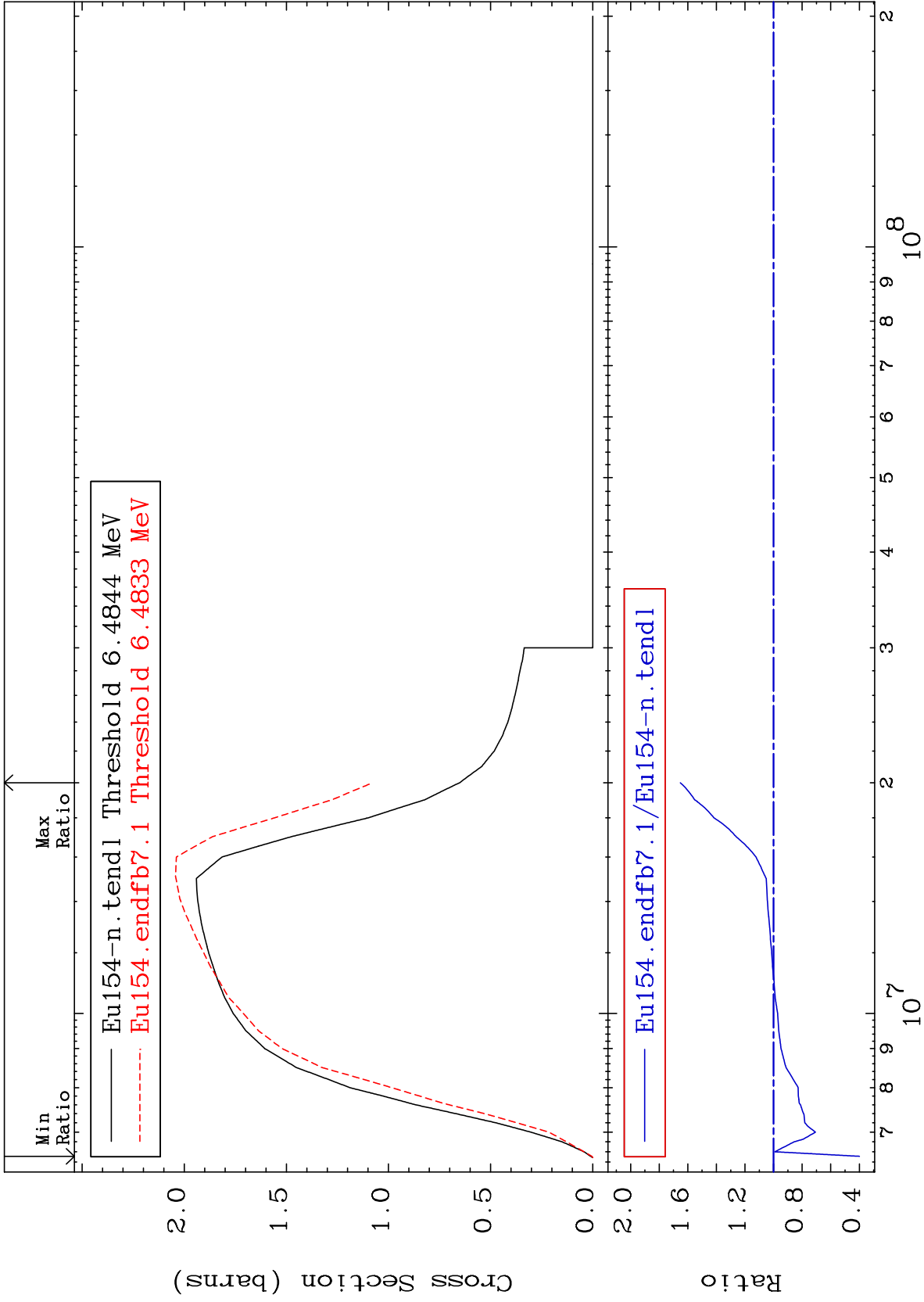
MAT 6334

(n,2n)

63-Eu-154

Cross Section

-60.07 To 65.20 %



4

Incident Energy (eV)

63-Eu-154

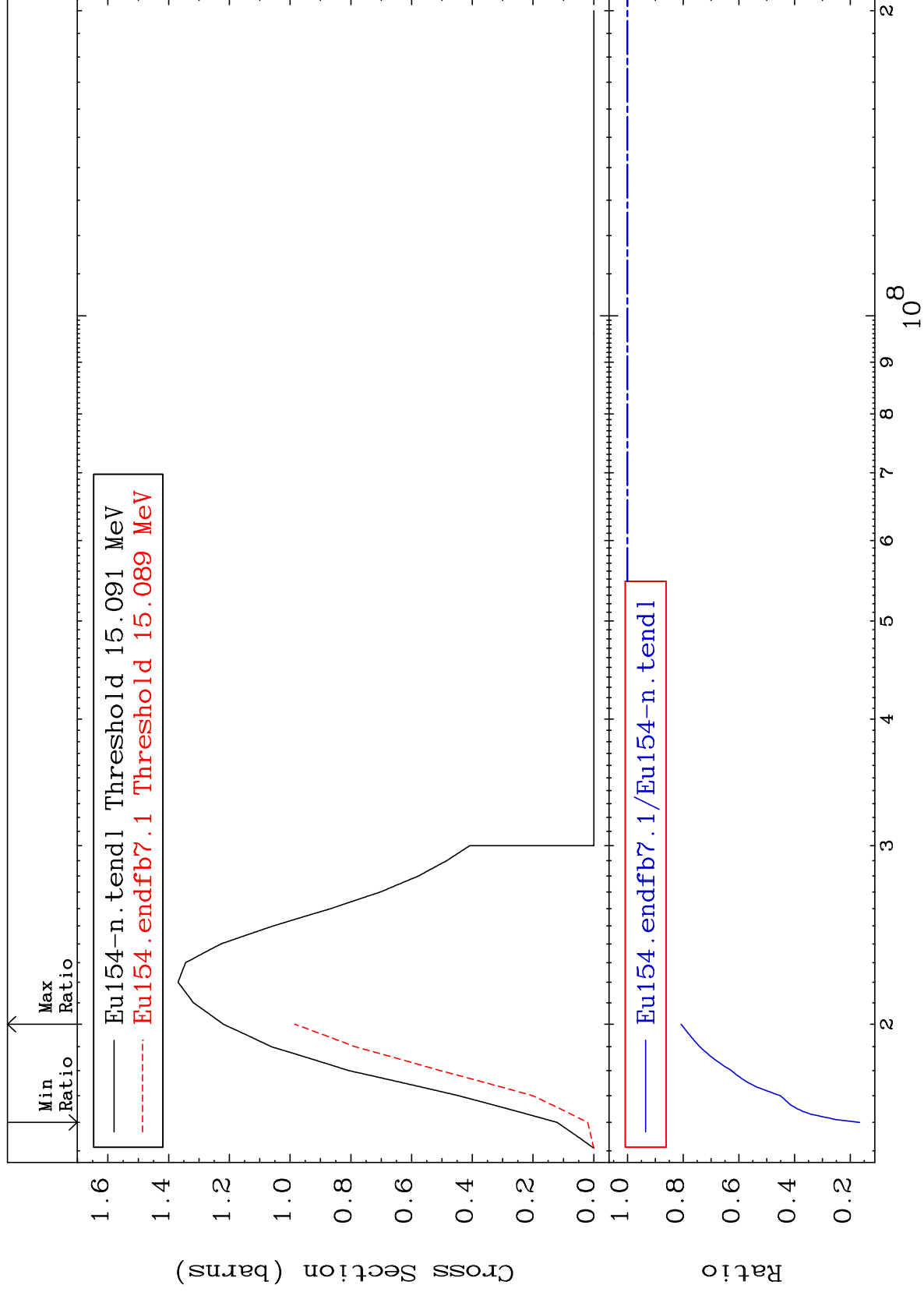
MAT 6334

(n,3n)

63-Eu-154

Cross Section

-83.33 To -19.29%



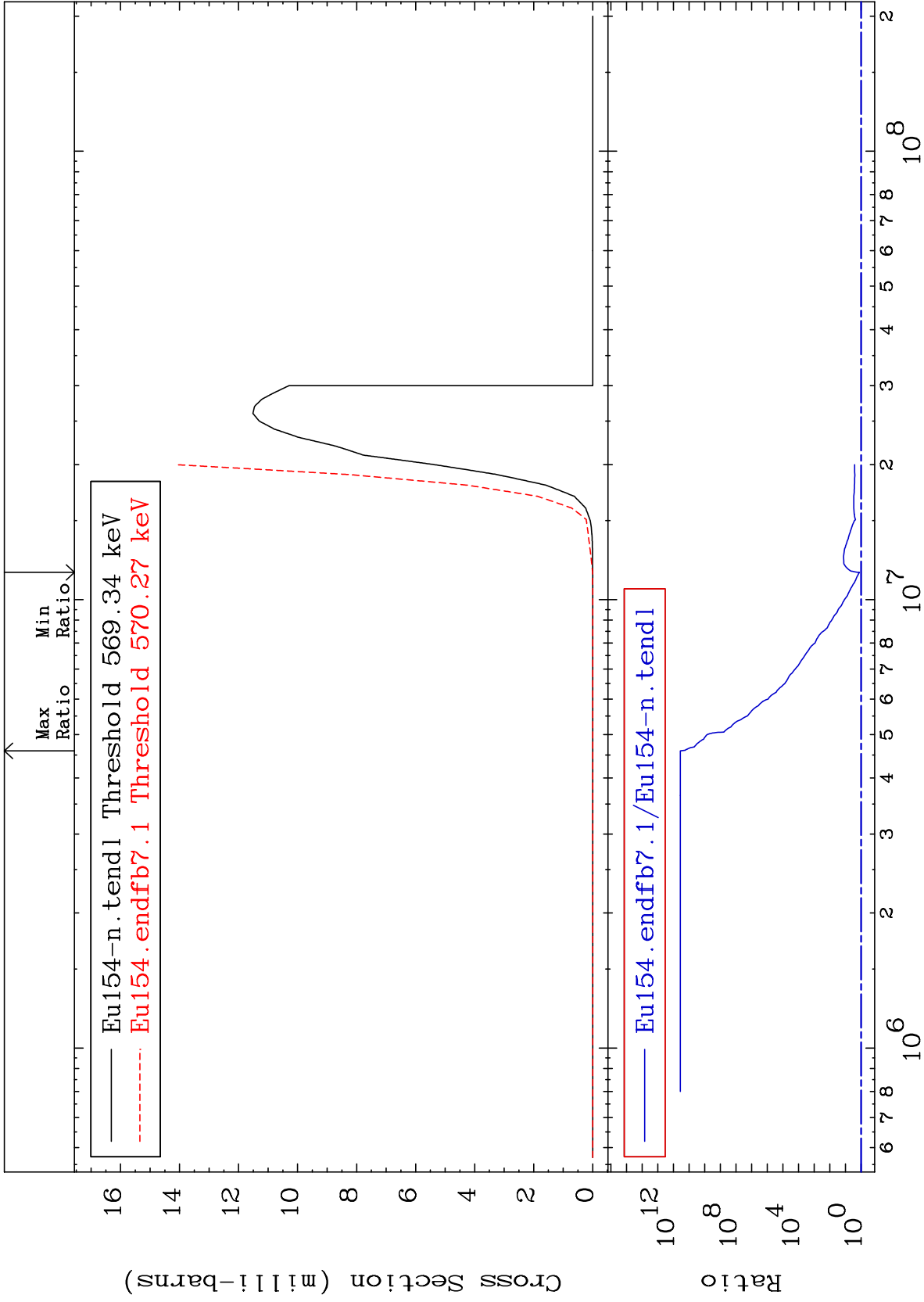
MAT 6334

(n, n') α

63-Eu-154

29.22 To 9999. %

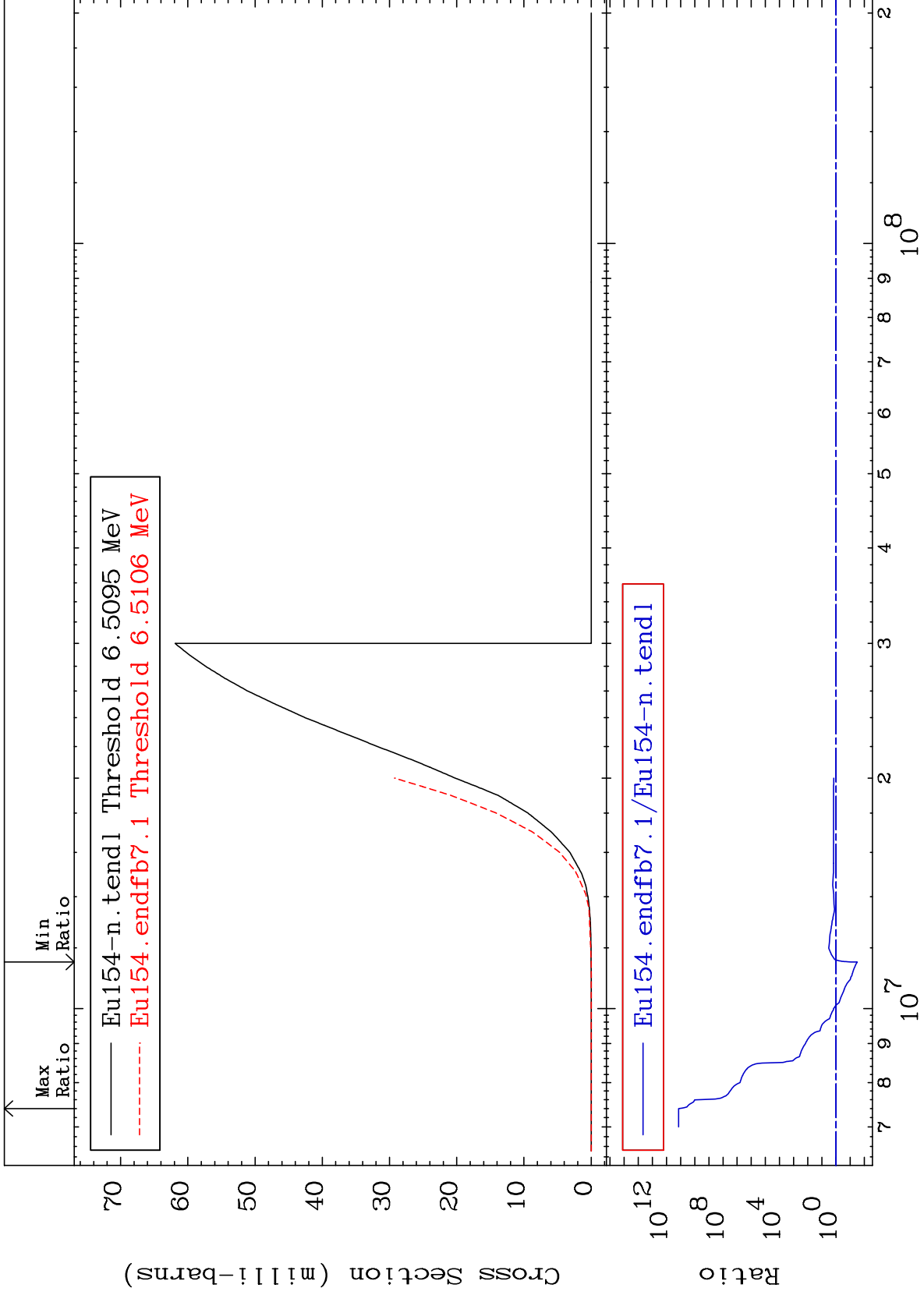
Cross Section



MAT 6334

(n, n') p
Cross Section

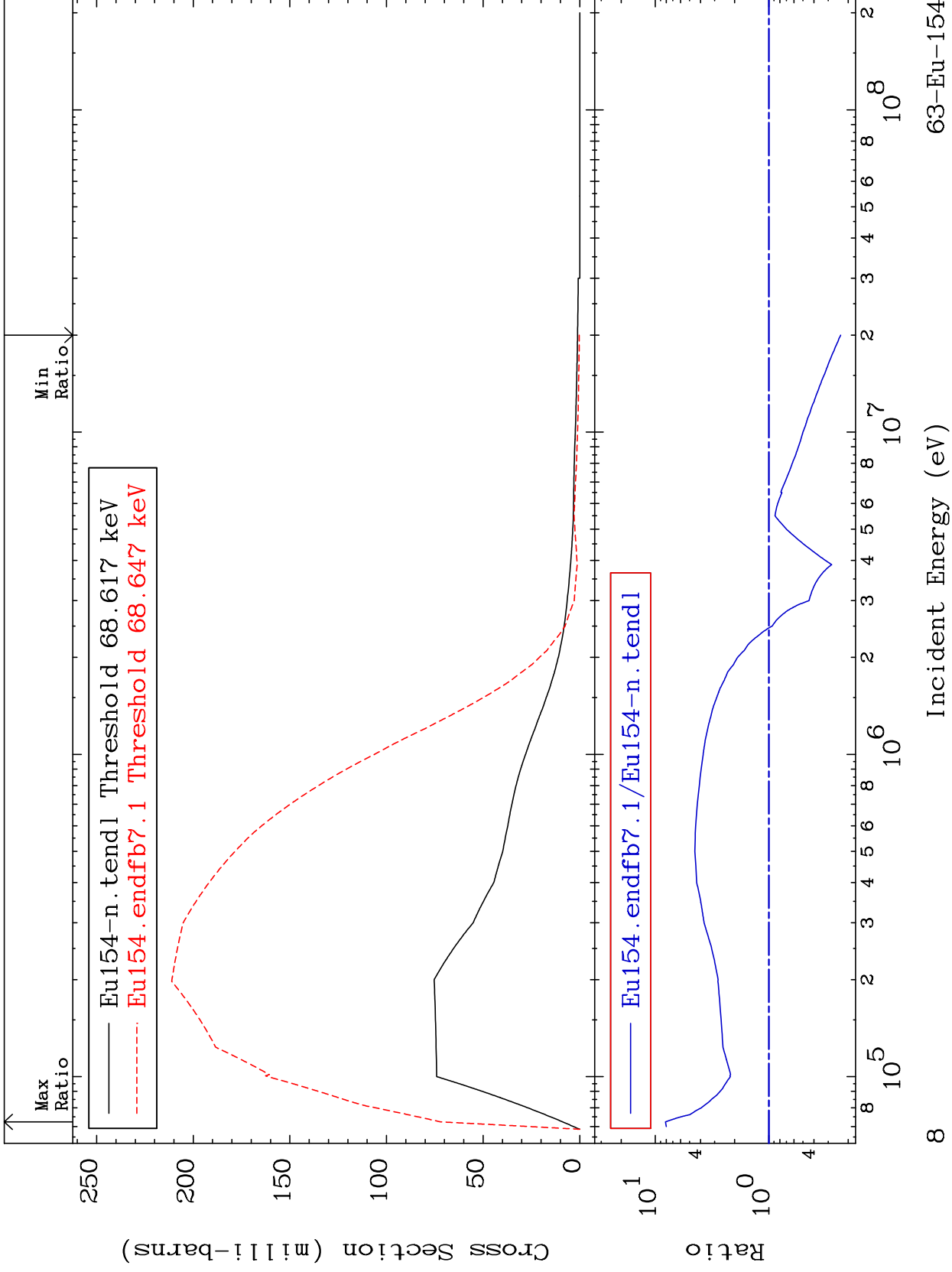
63-Eu-154
-96.88 To 9999. %



MAT 6334

68.17 keV (n,n') Level
Cross Section

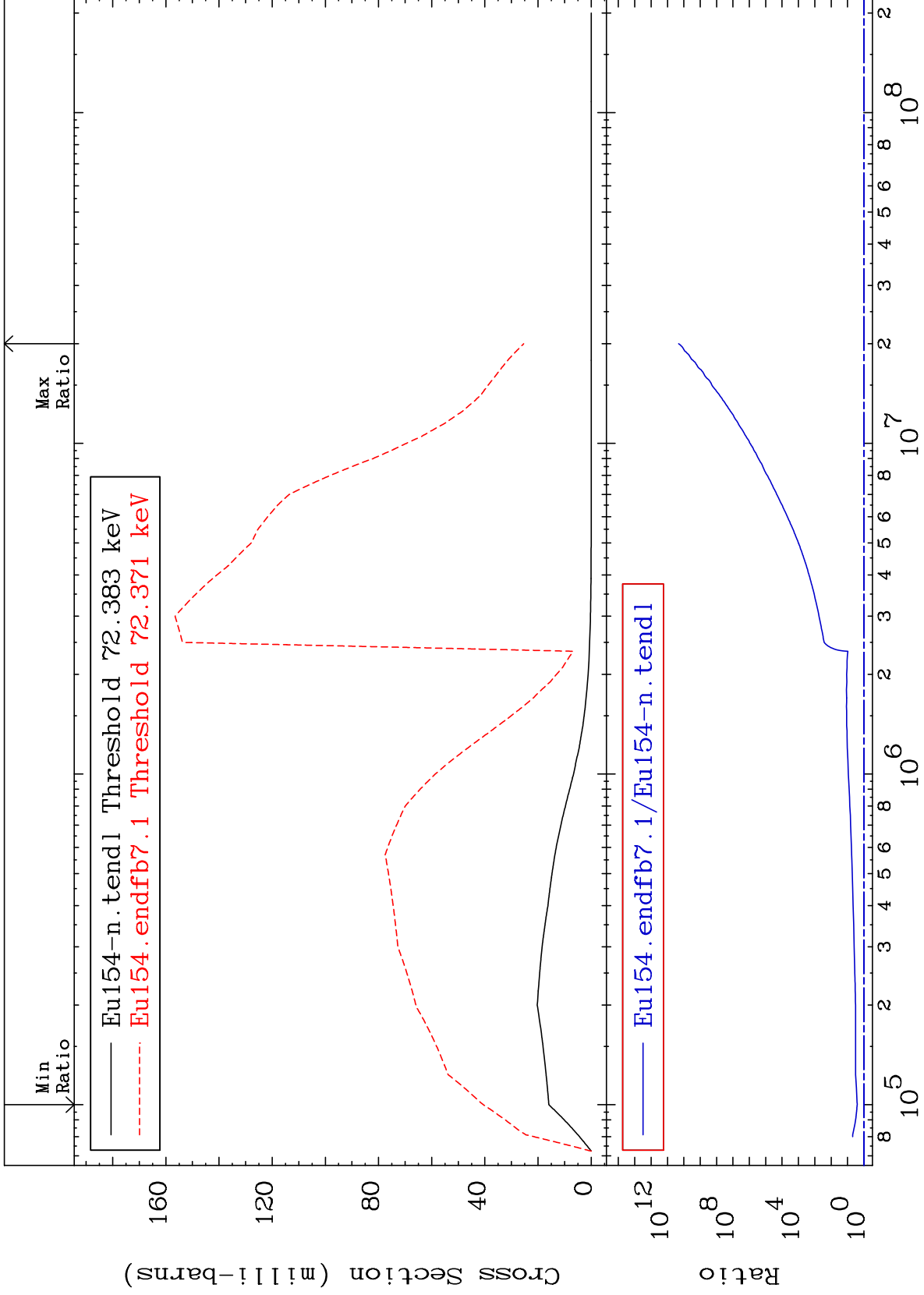
63-Eu-154
-76.73 To 712.9 %



MAT 6334

71.91 keV (n,n') Level
Cross Section

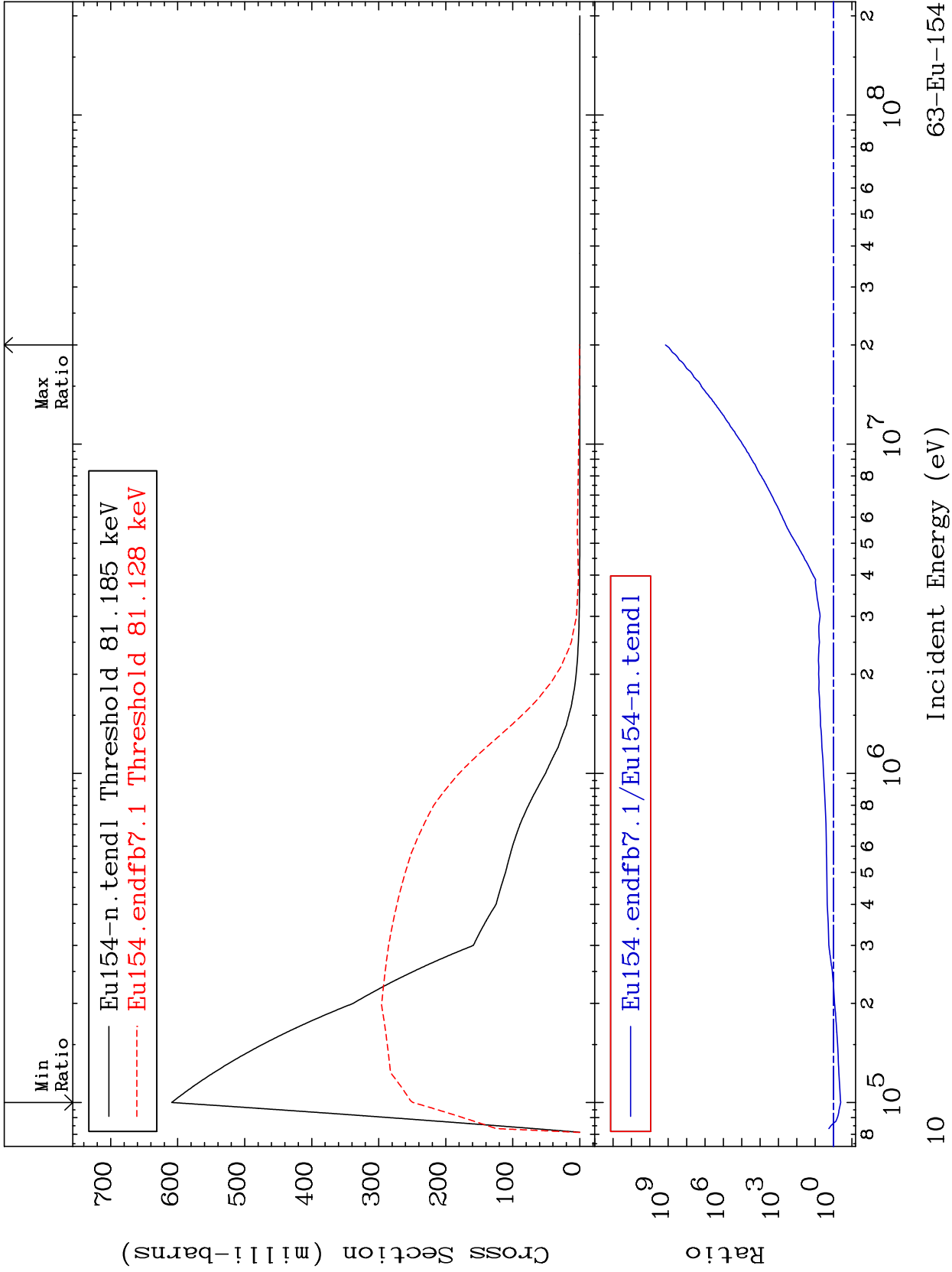
63-Eu-154
154.7 To 9999. %



MAT 6334

80.66 keV (n,n') Level
Cross Section

63-Eu-154
-59.12 To 9999. %



10

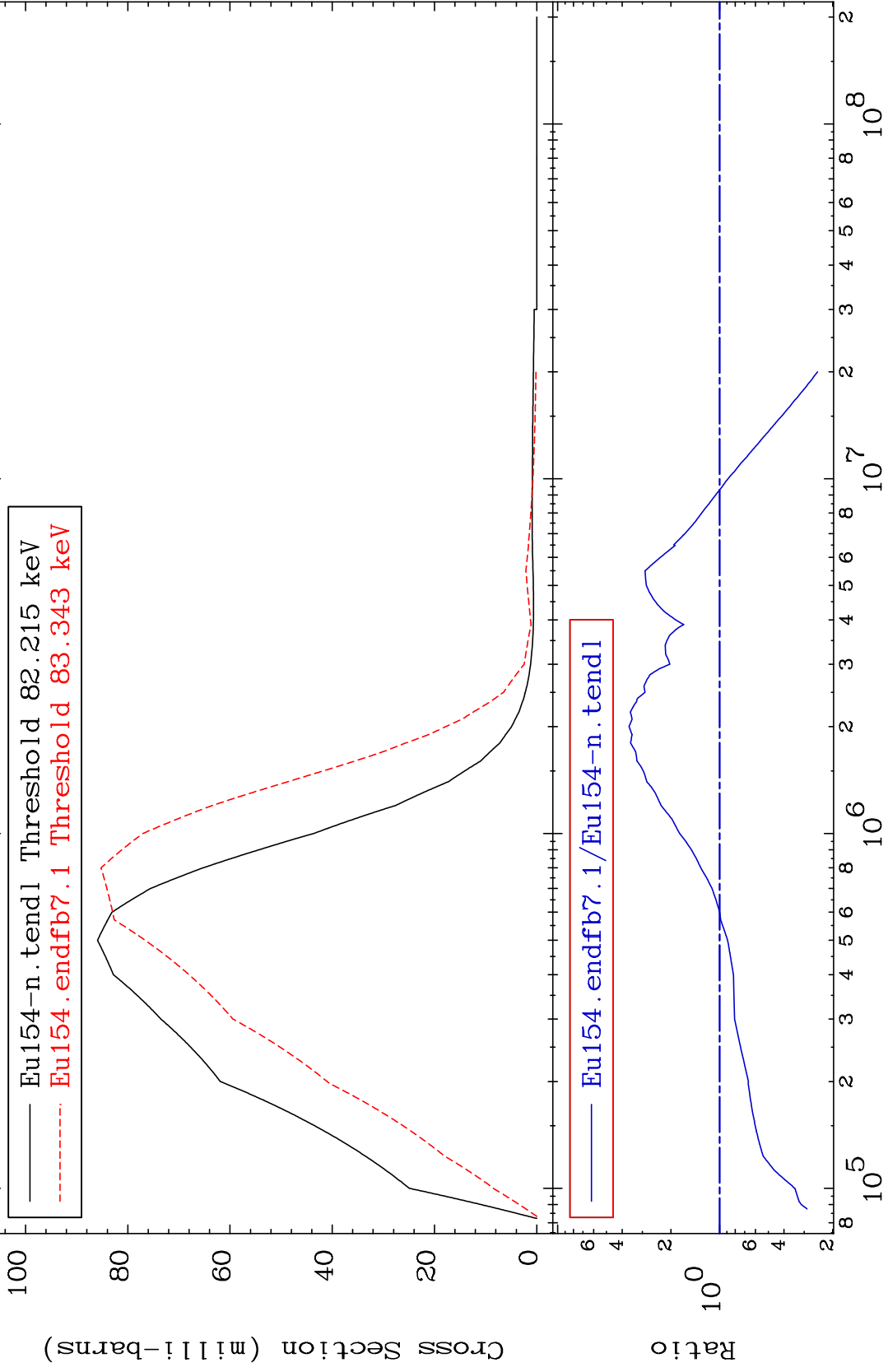
Incident Energy (eV)

63-Eu-154

MAT 6334

81.68 keV (n,n') Level
Cross Section

63-Eu-154
-75.19 To 262.6 %



11

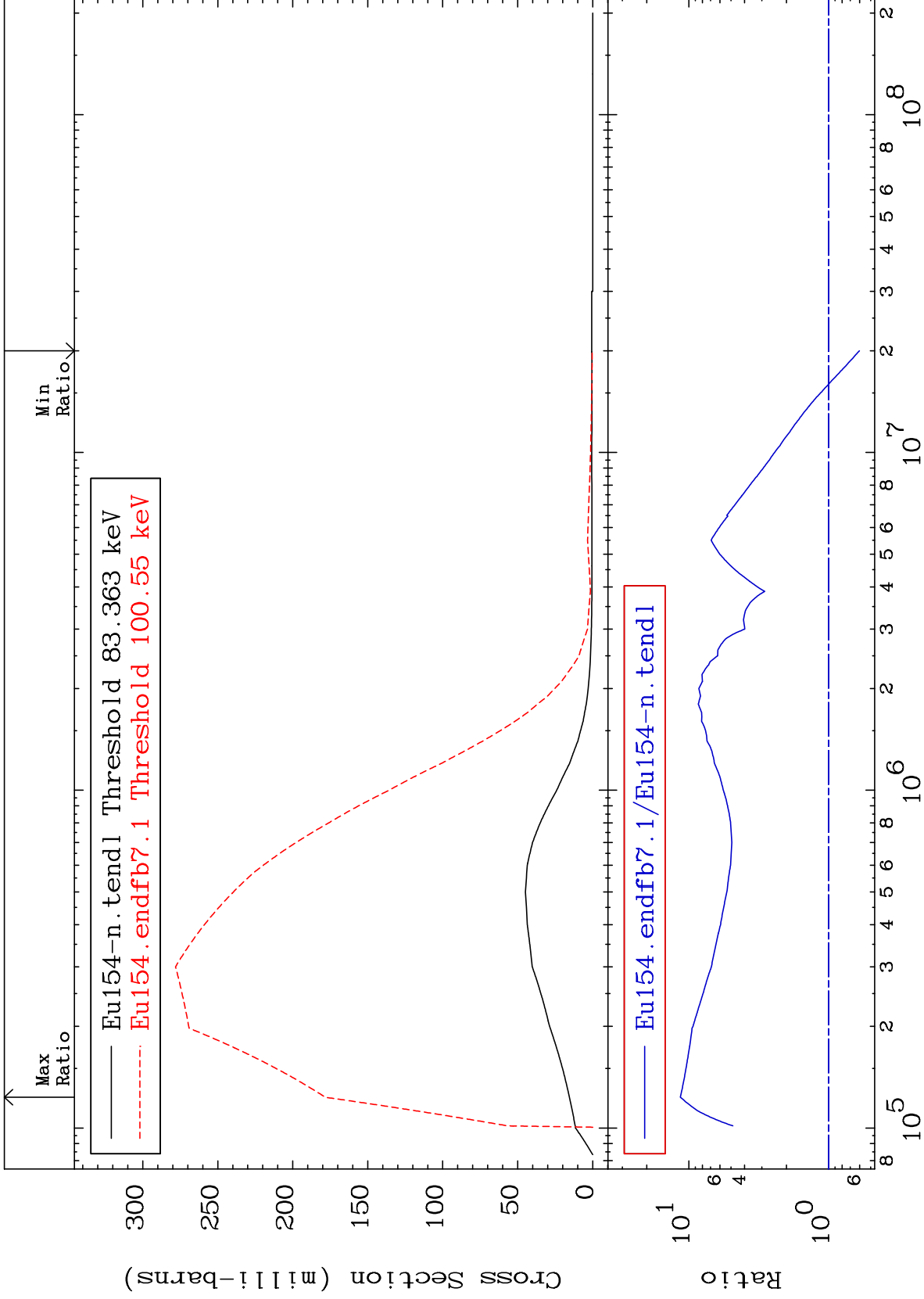
Incident Energy (eV)

63-Eu-154

MAT 6334

82.82 keV (n,n') Level
Cross Section

63-Eu-154
-39.89 To 1051. %



12

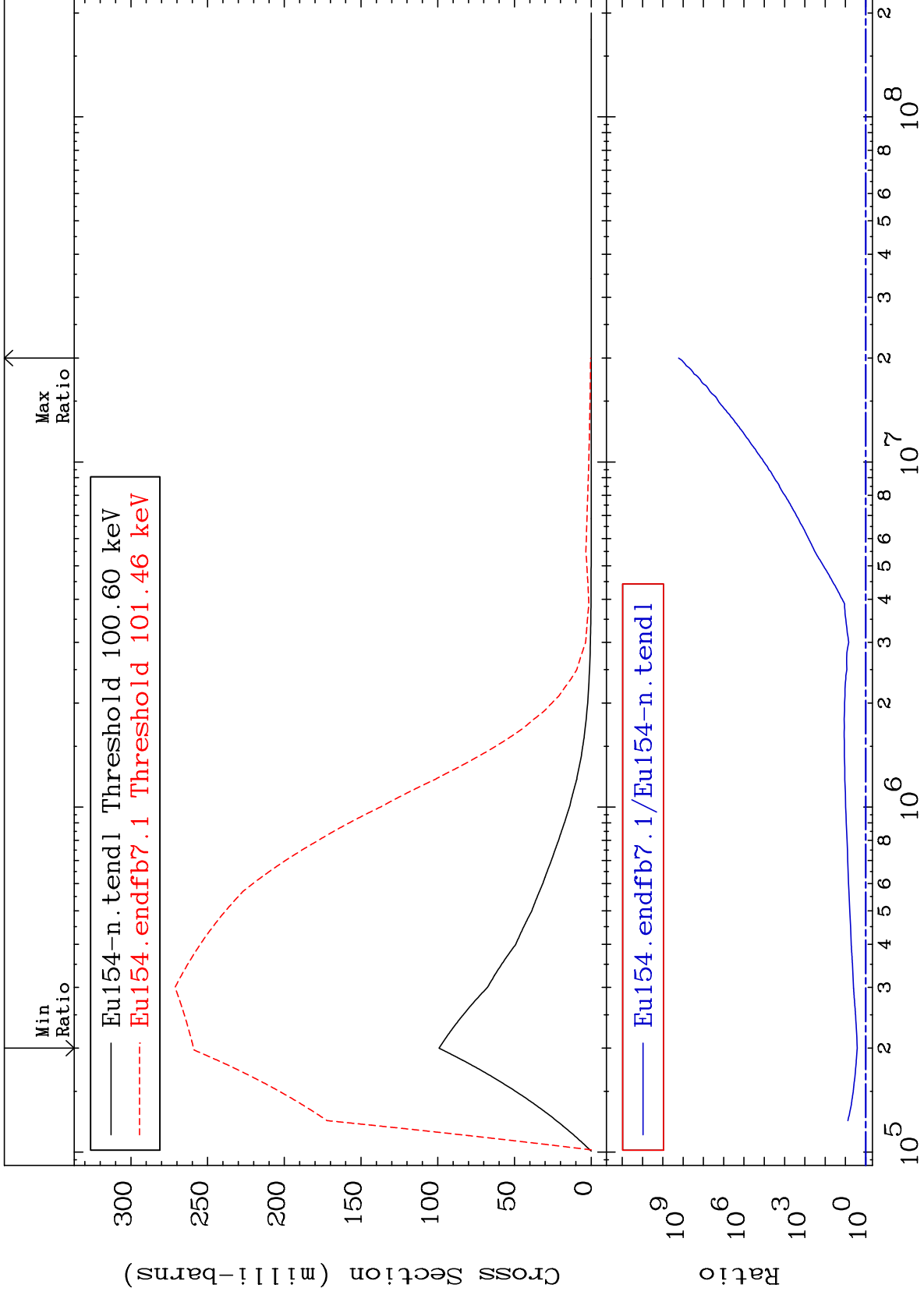
Incident Energy (eV)

63-Eu-154

MAT 6334

99.95 keV (n,n') Level
Cross Section

63-Eu-154
161.2 To 9999. %



13

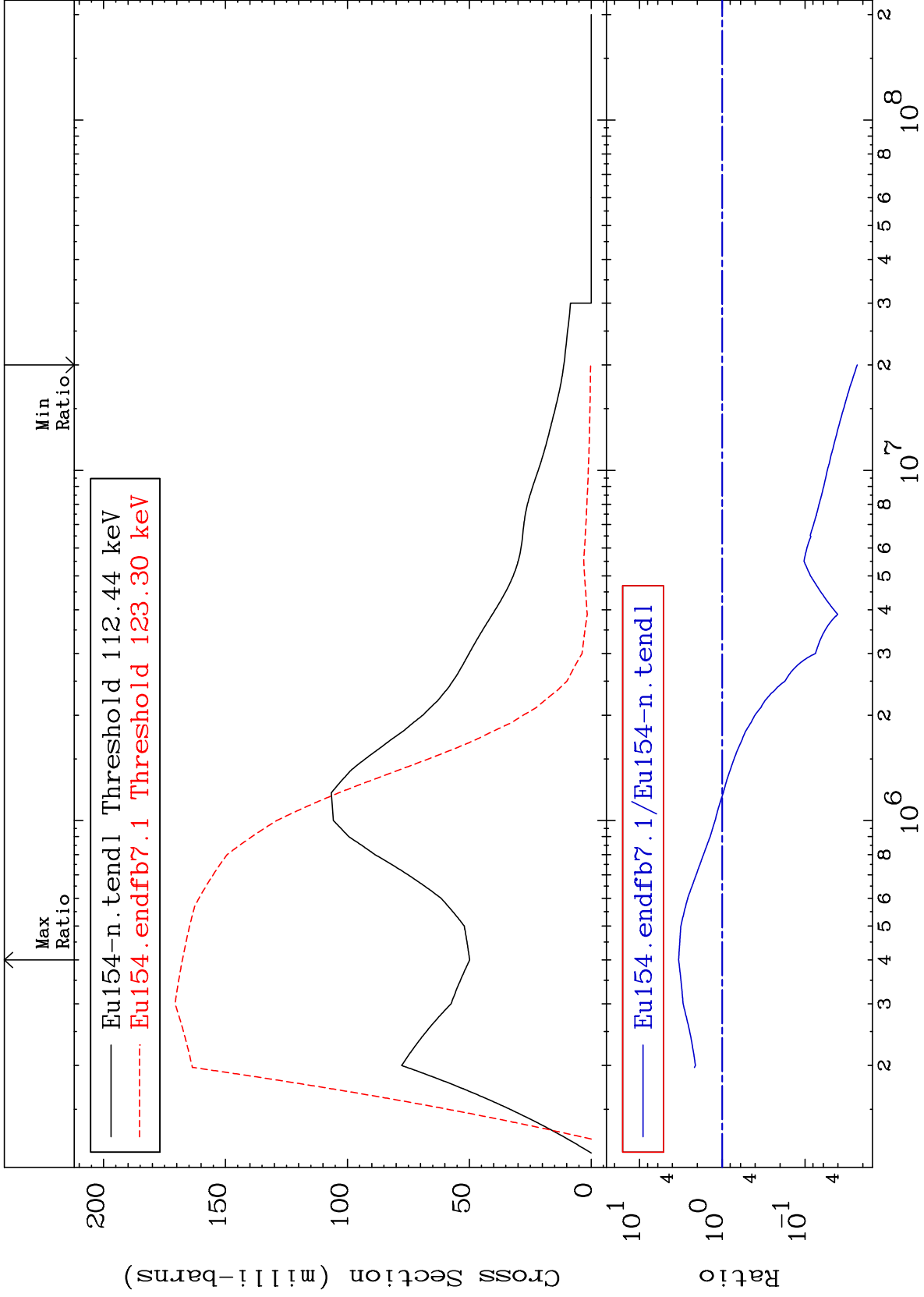
Incident Energy (eV)

63-Eu-154

MAT 6334

111.7 keV (n,n') Level
Cross Section

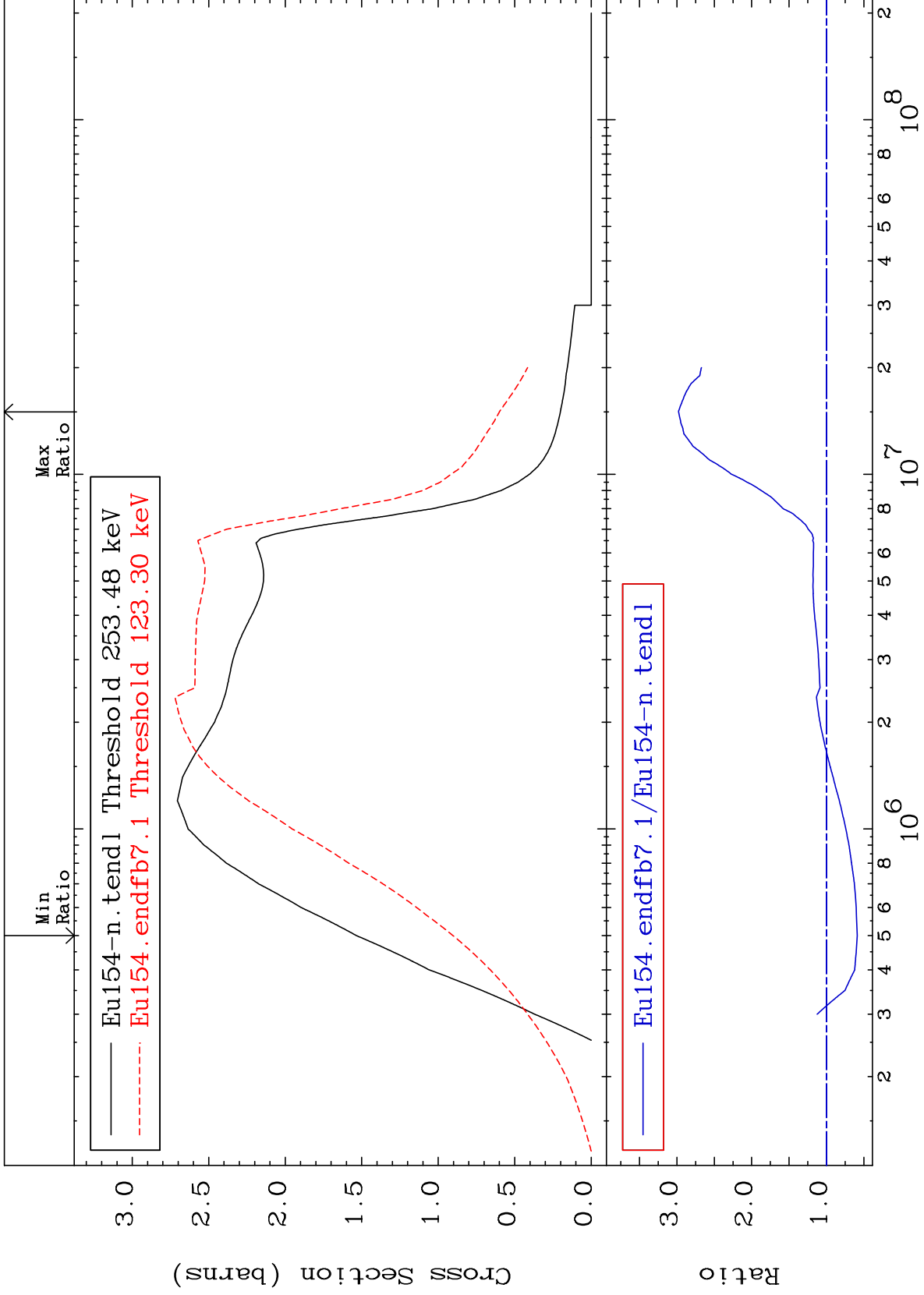
63-Eu-154
-97.66 To 236.5 %



MAT 6334

(n, n') Continuum
Cross Section

63-Eu-154
-41.14 To 197.7 %



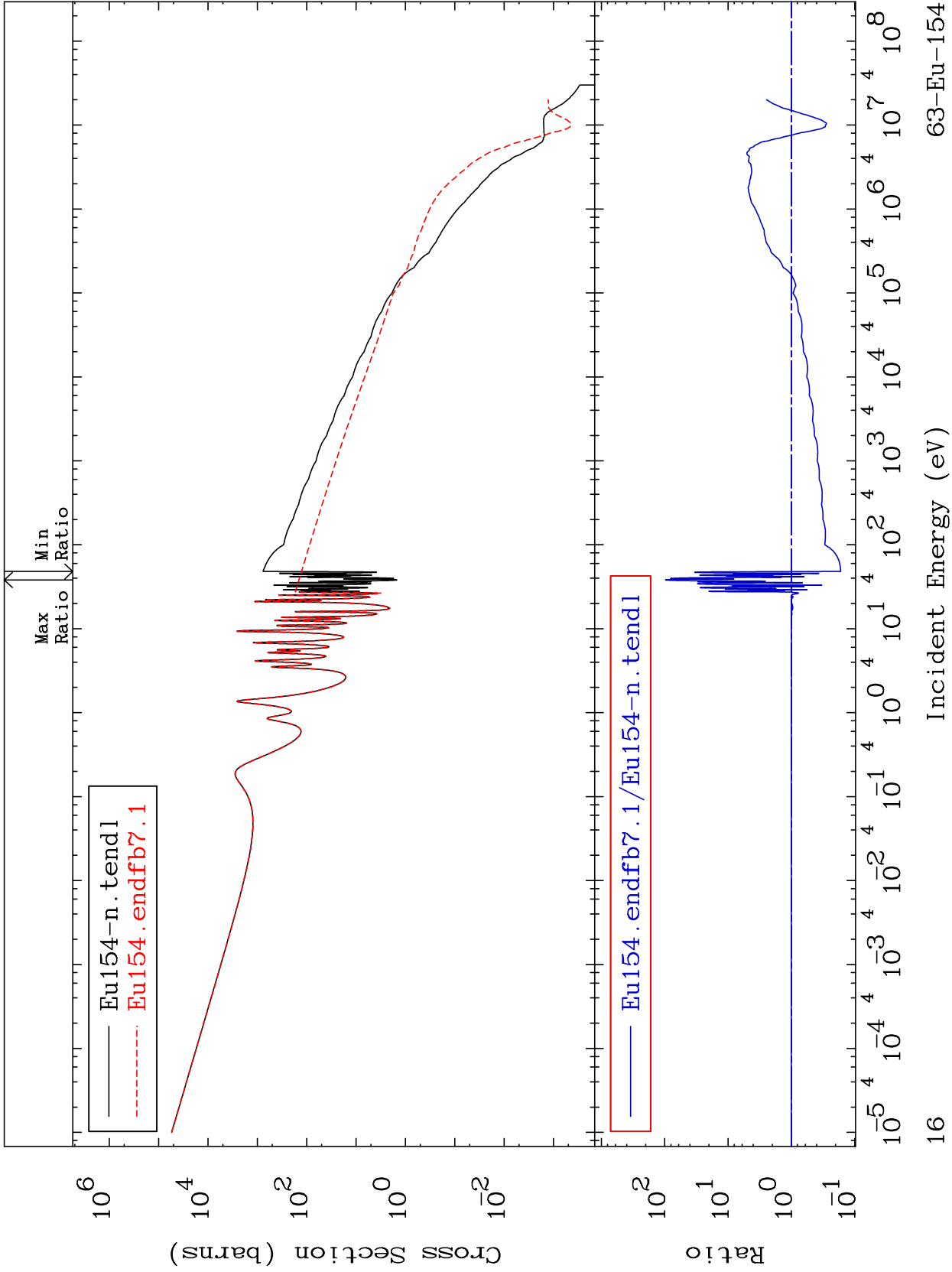
15

Incident Energy (eV)

63-Eu-154

MAT 6334

(n, γ)
Cross Section
63-Eu-154
-83.34 To 9622. %

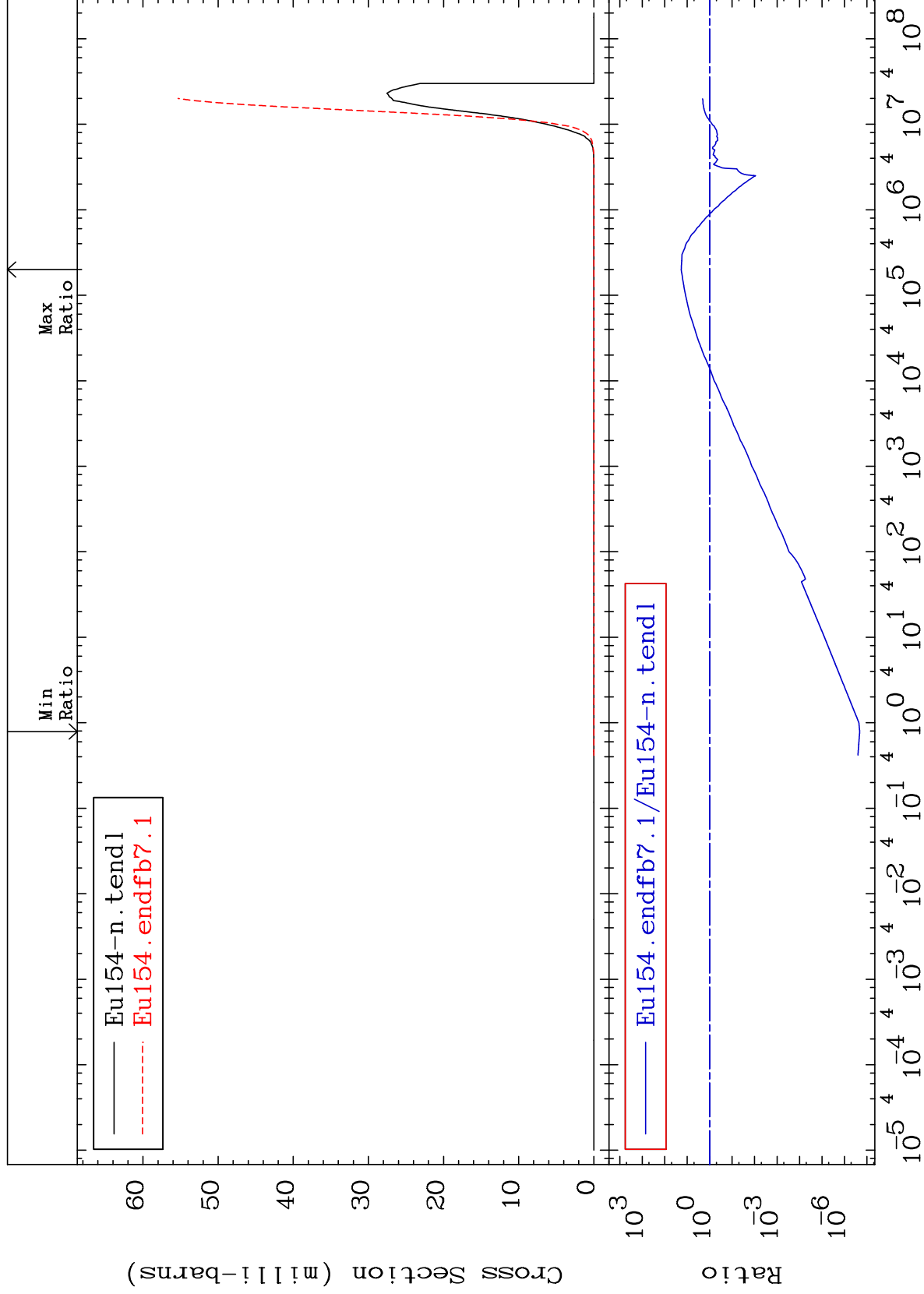


MAT 6334

63-Eu-154

(n,p)
Cross Section

-100.0 To 1751. %



17

Incident Energy (eV)

63-Eu-154

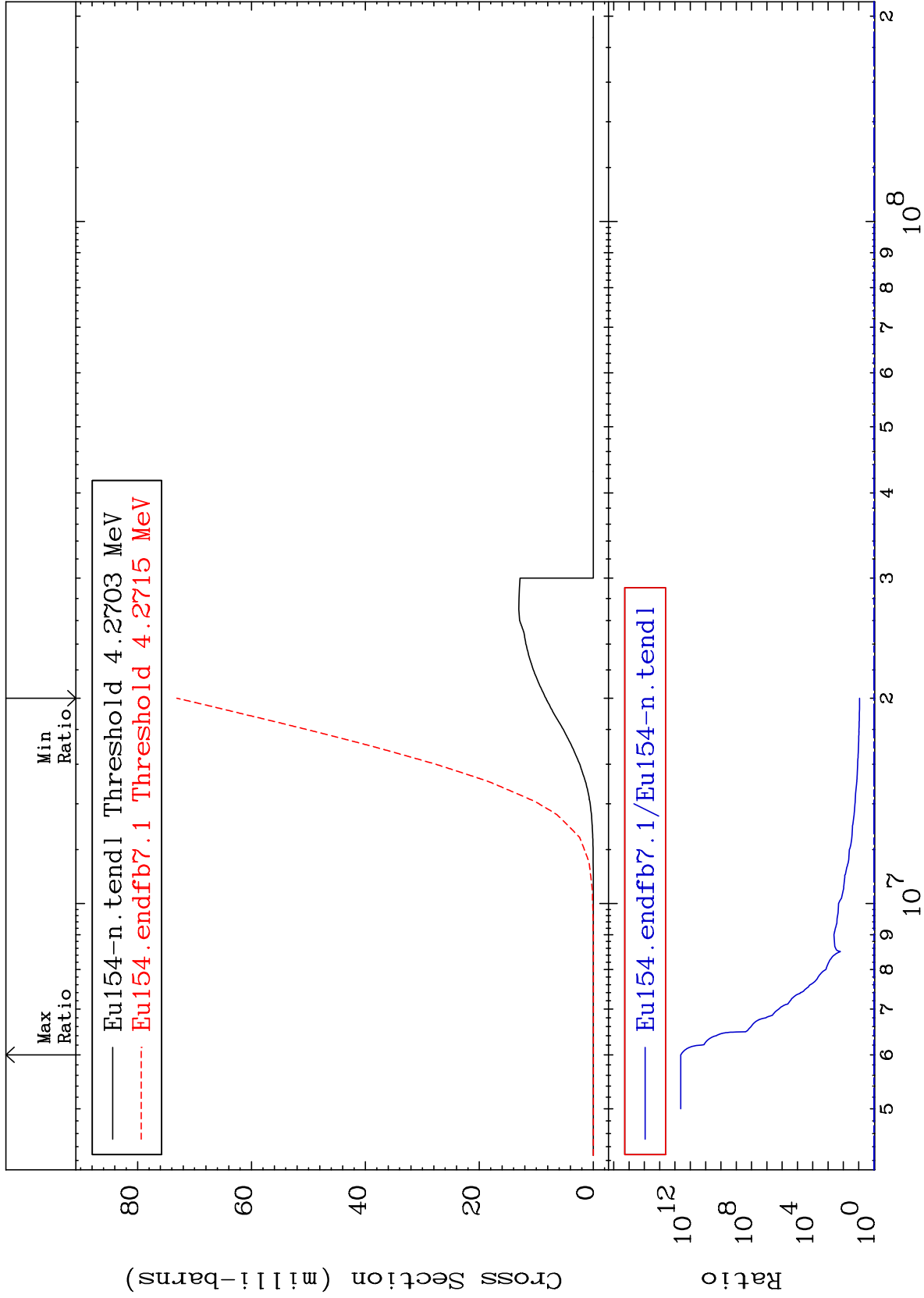
MAT 6334

(n, d)

63-Eu-154

Cross Section

777.1 To 9999. %

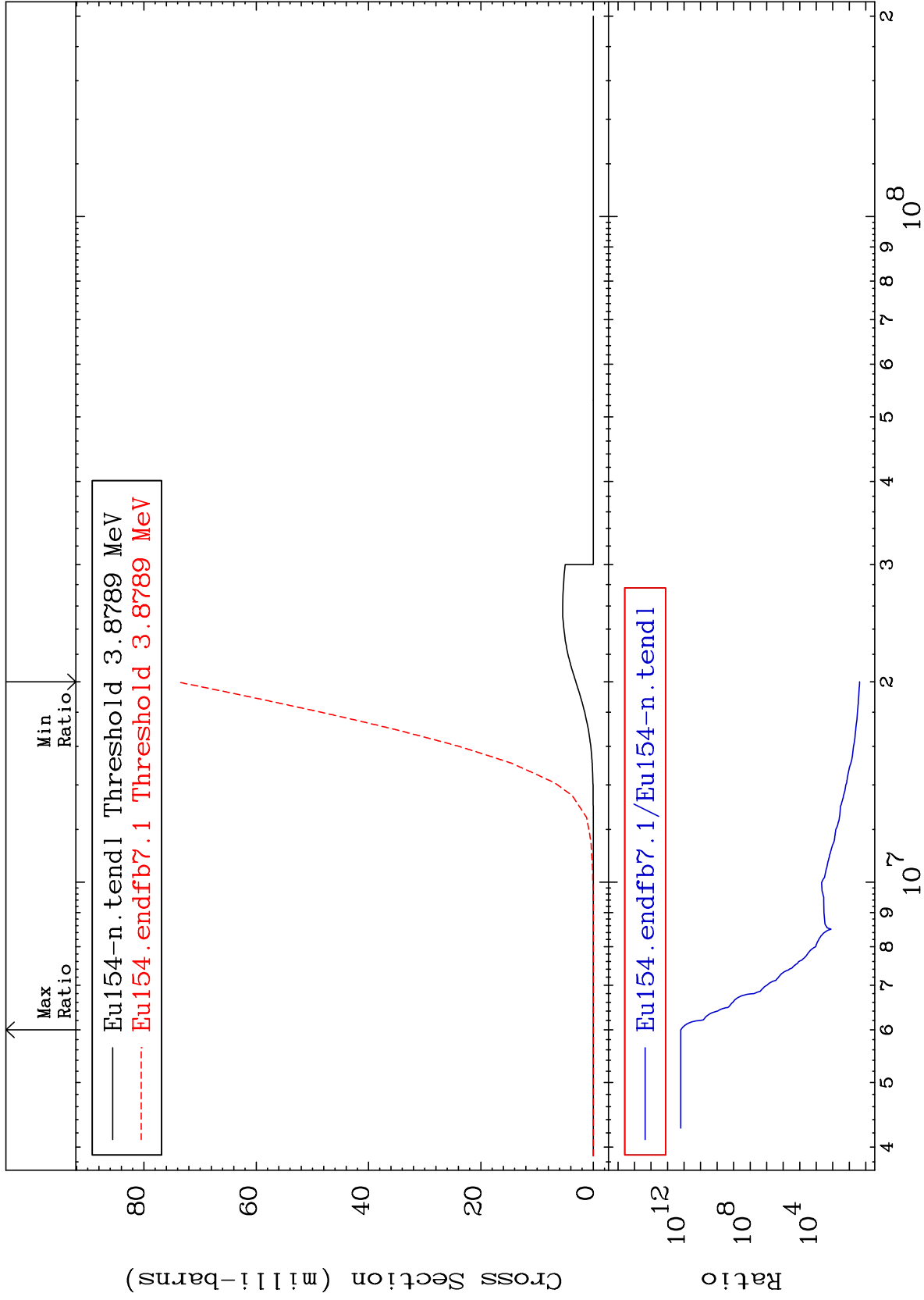


MAT 6334

63-Eu-154

(n, t) 2289. To 9999. %

Cross Section



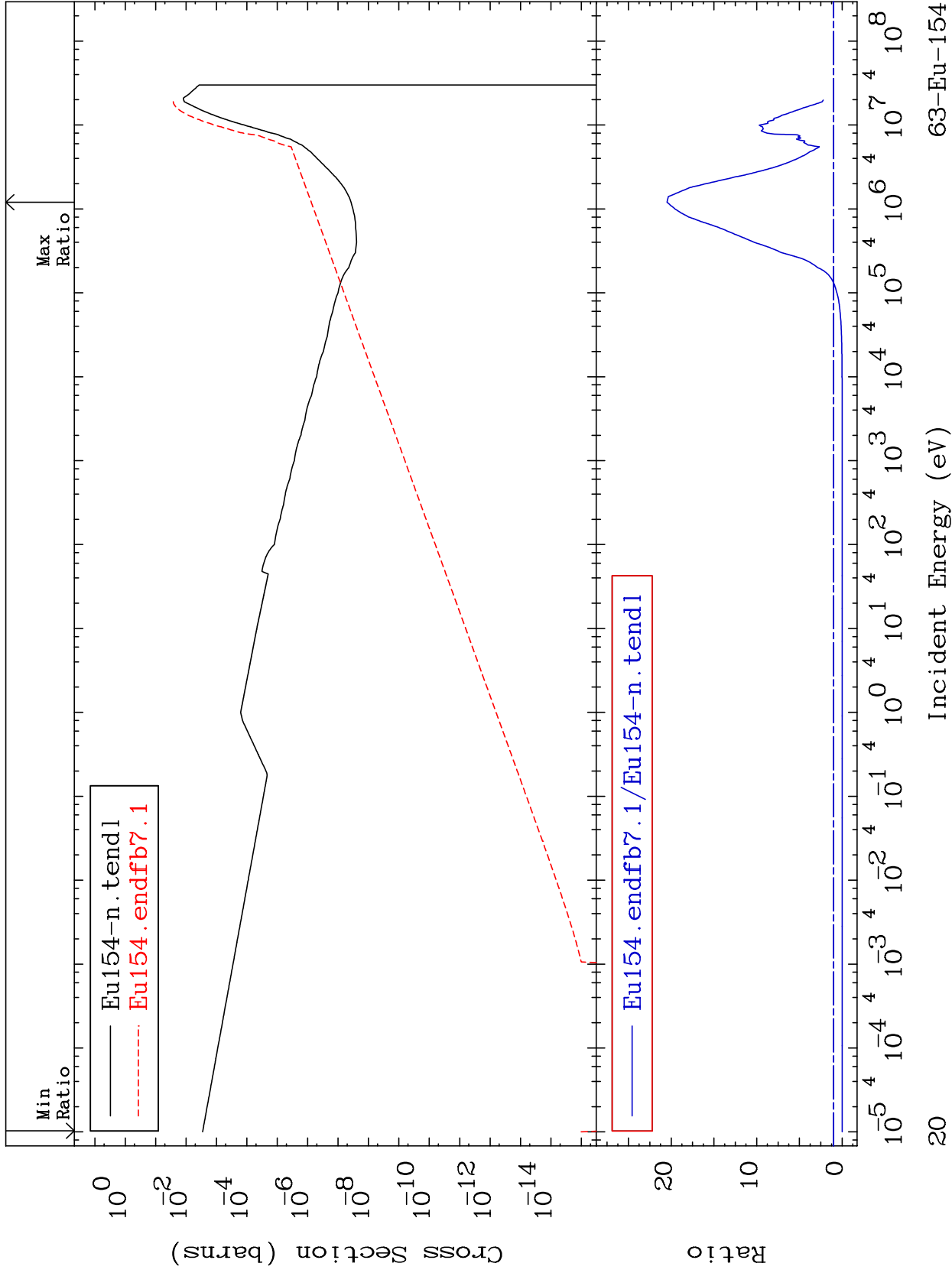
MAT 6334

(n, α)

63-Eu-154

Cross Section

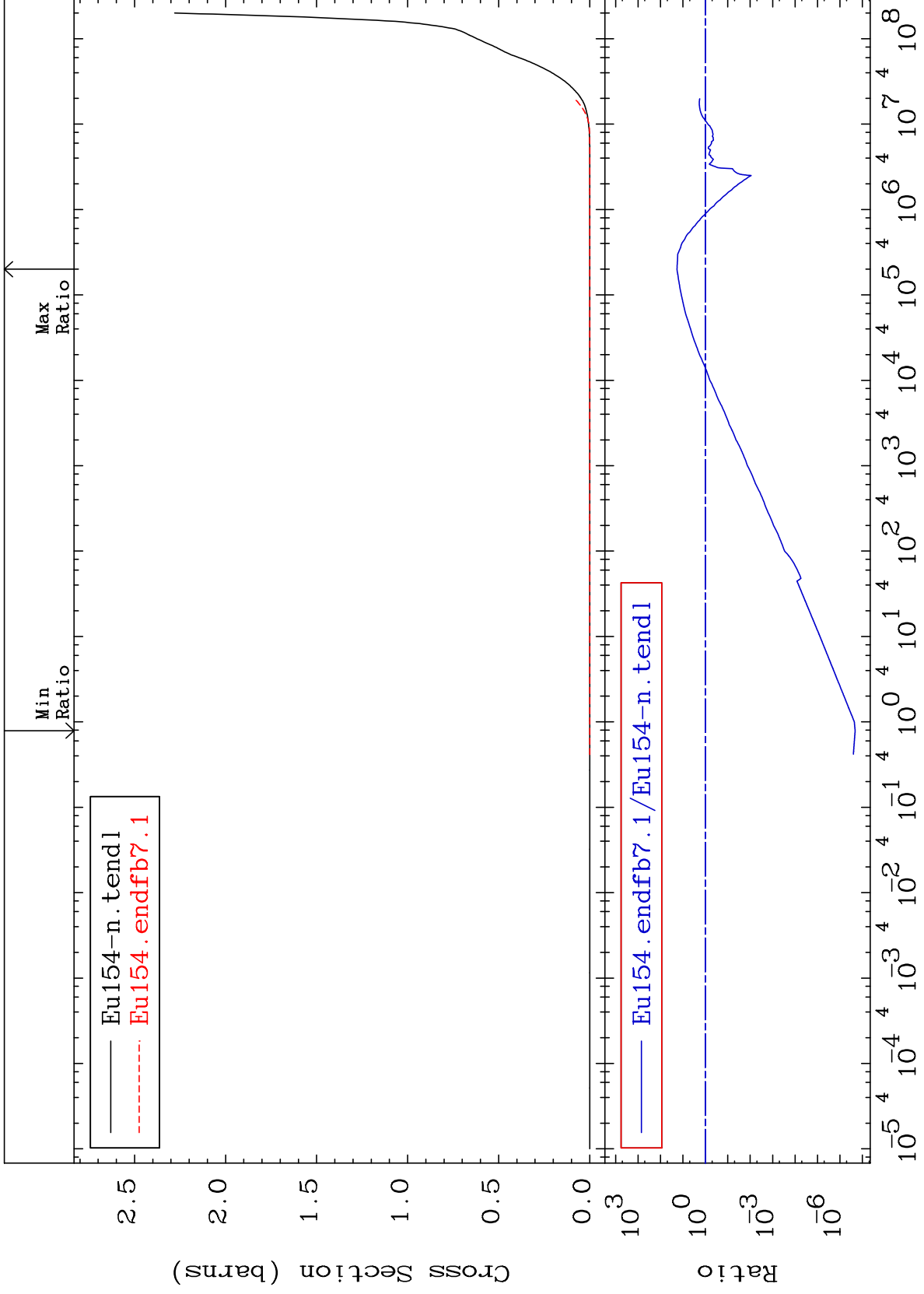
-100.0 To 1949. %



MAT 6334

Hydrogen Production
Cross Section

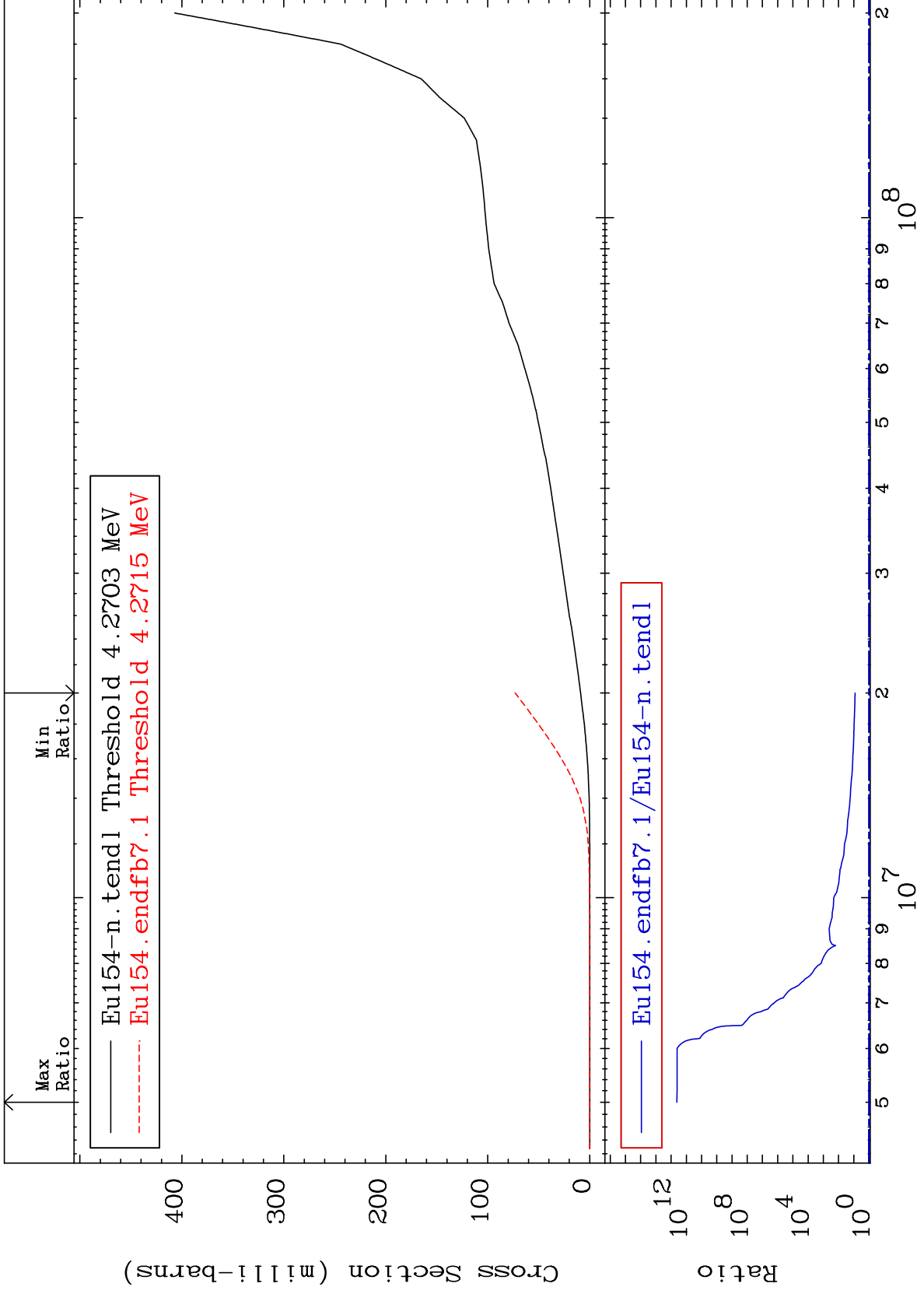
63-Eu-154
-100.0 To 1751. %



MAT 6334

Deuterium Production
Cross Section

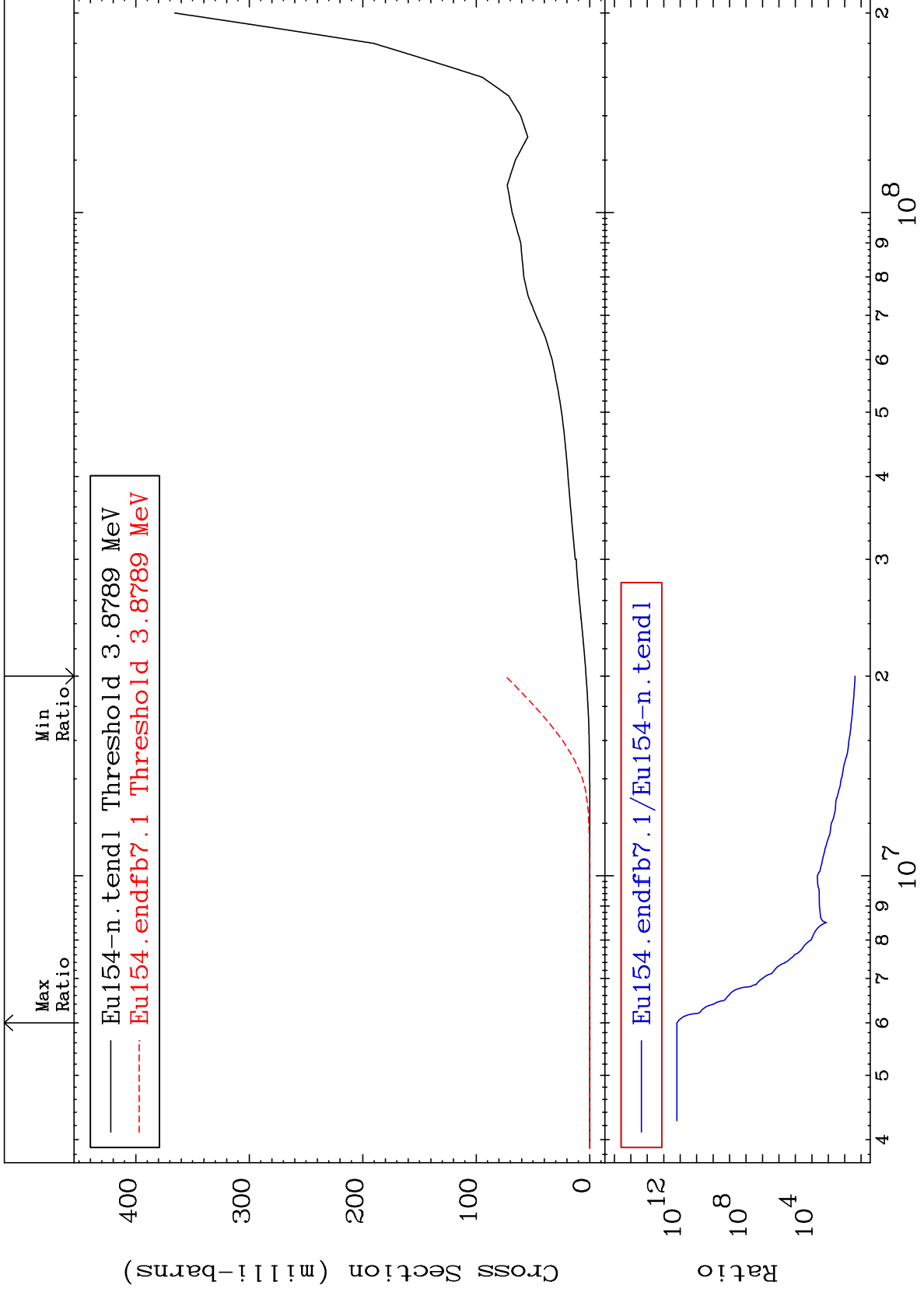
63-Eu-154
718.4 To 9999. %



MAT 6334

Tritium Production
Cross Section

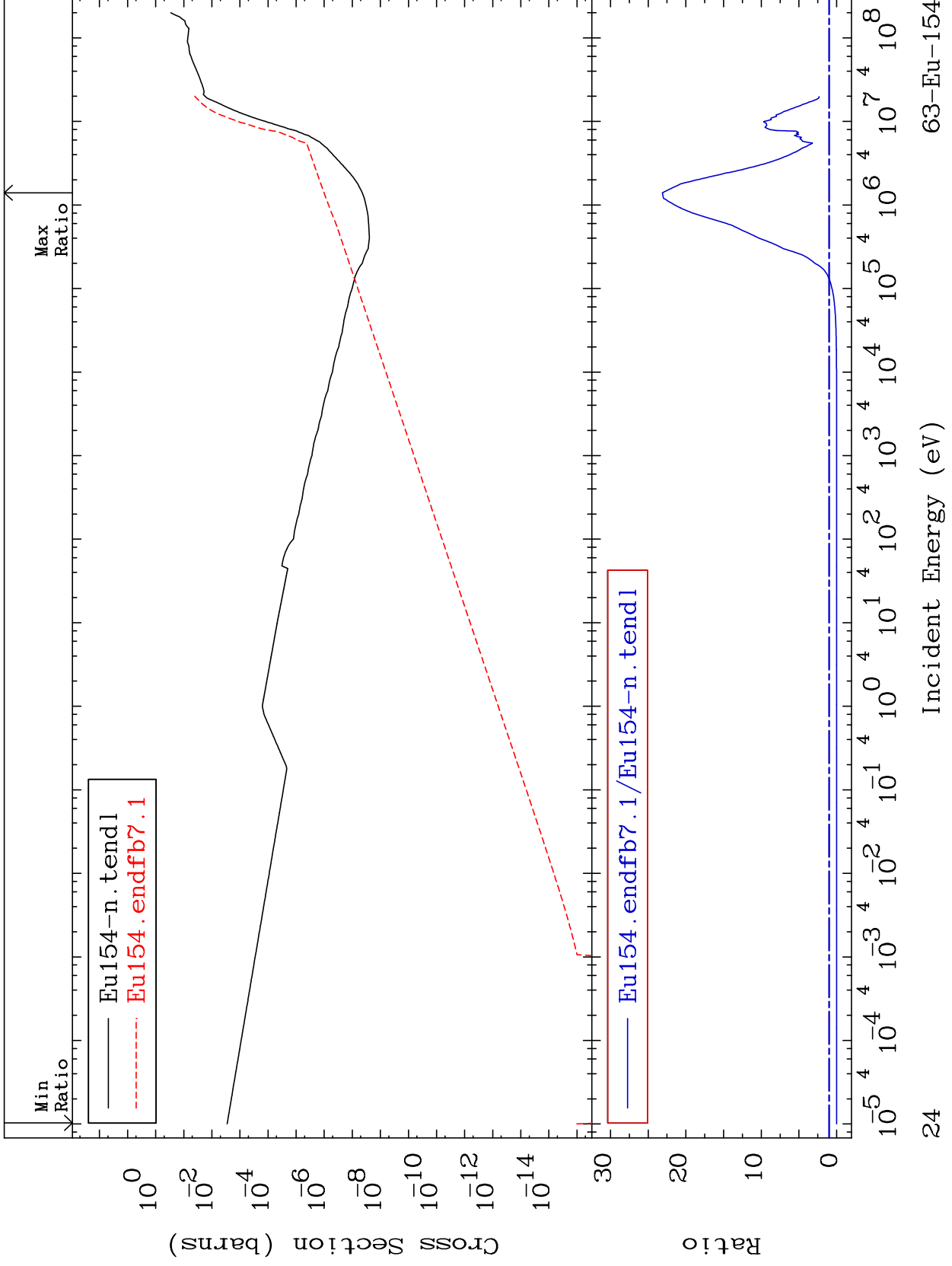
63-Eu-154
2248. To 9999. %



MAT 6334

He-4 Production
Cross Section

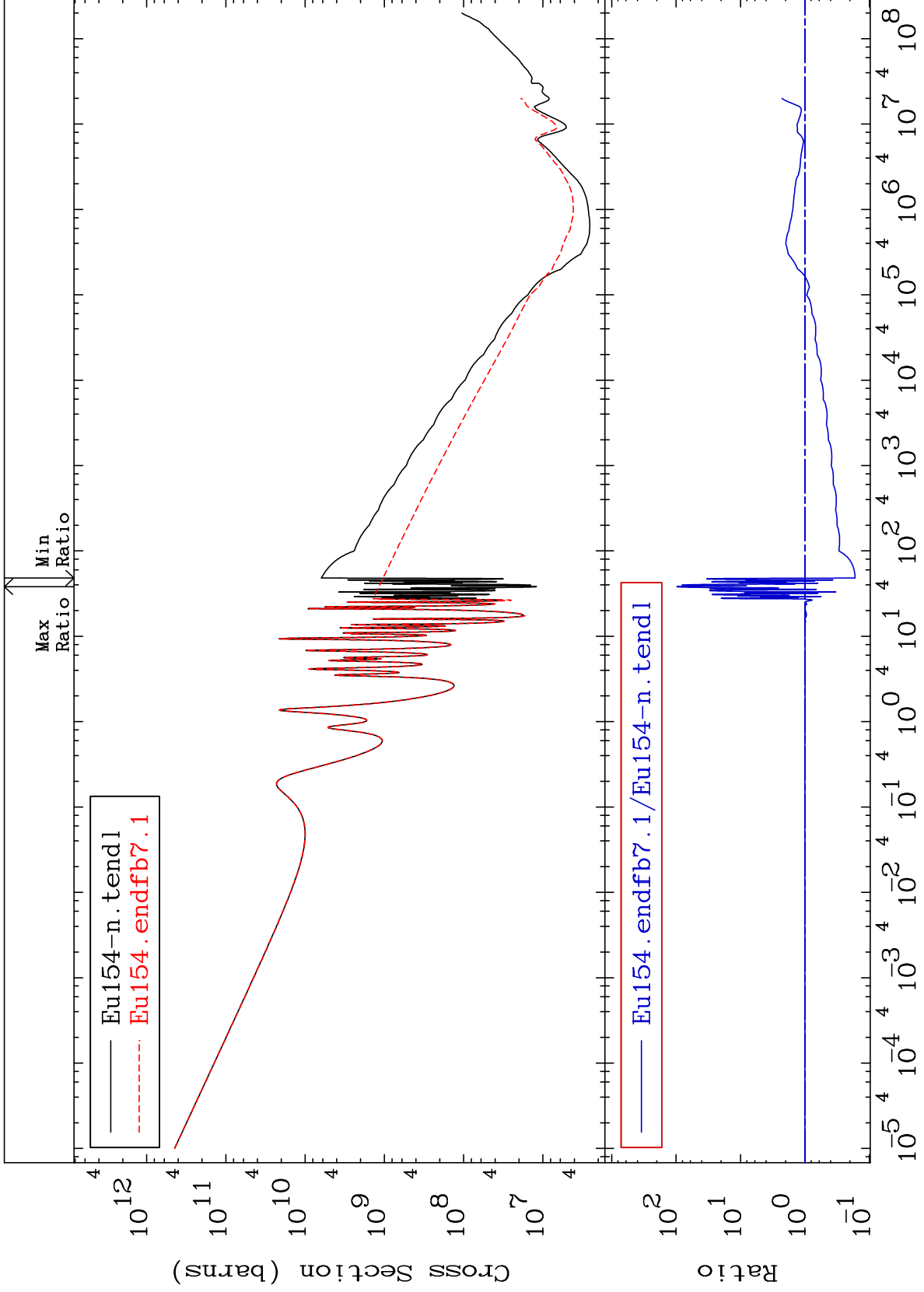
63-Eu-154
-100.0 To 2213. %



MAT 6334

Kerma total (eV-barns)
Cross Section

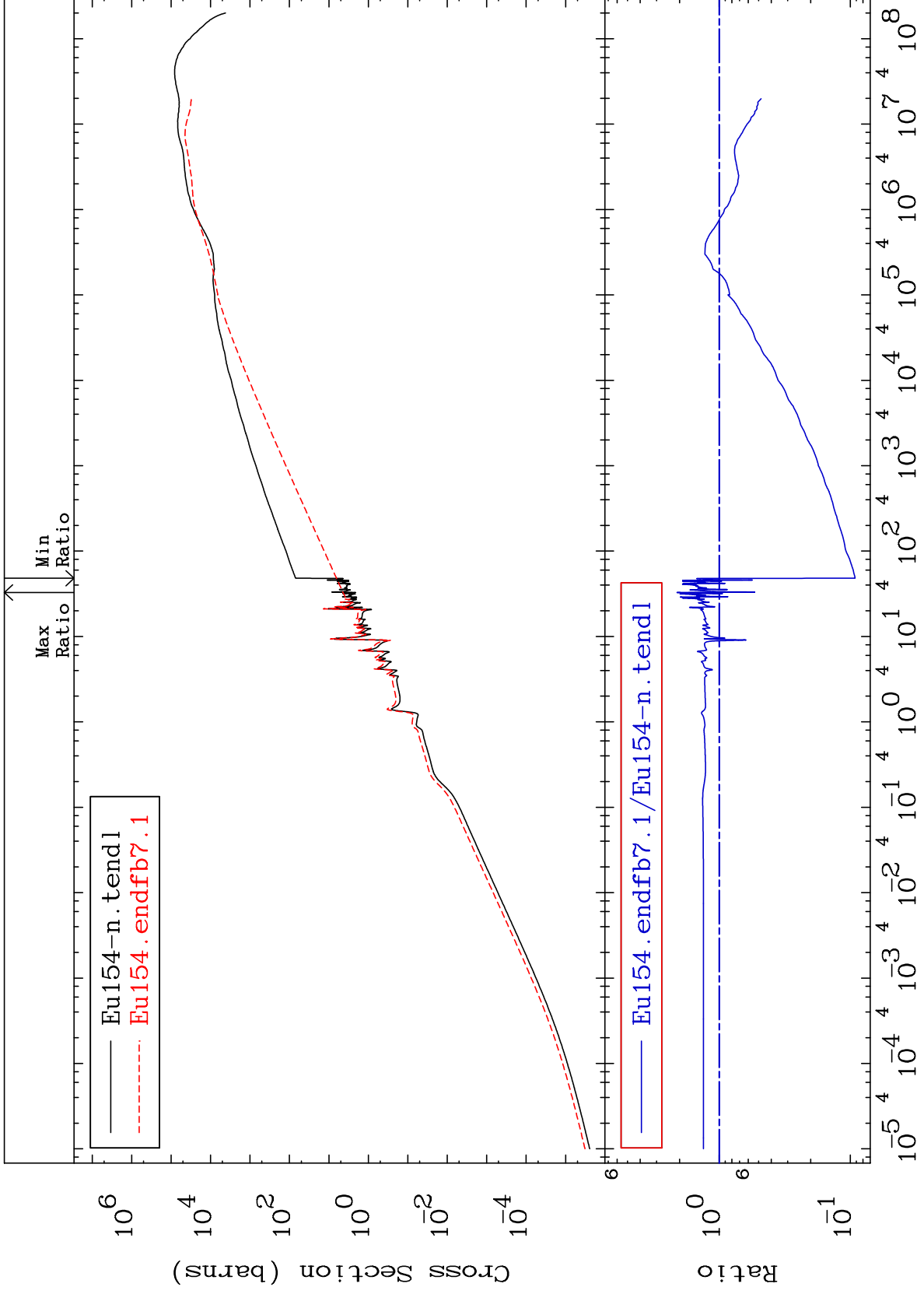
63-Eu-154
-83.34 To 9623. %



MAT 6334

Kerma elastic
Cross Section

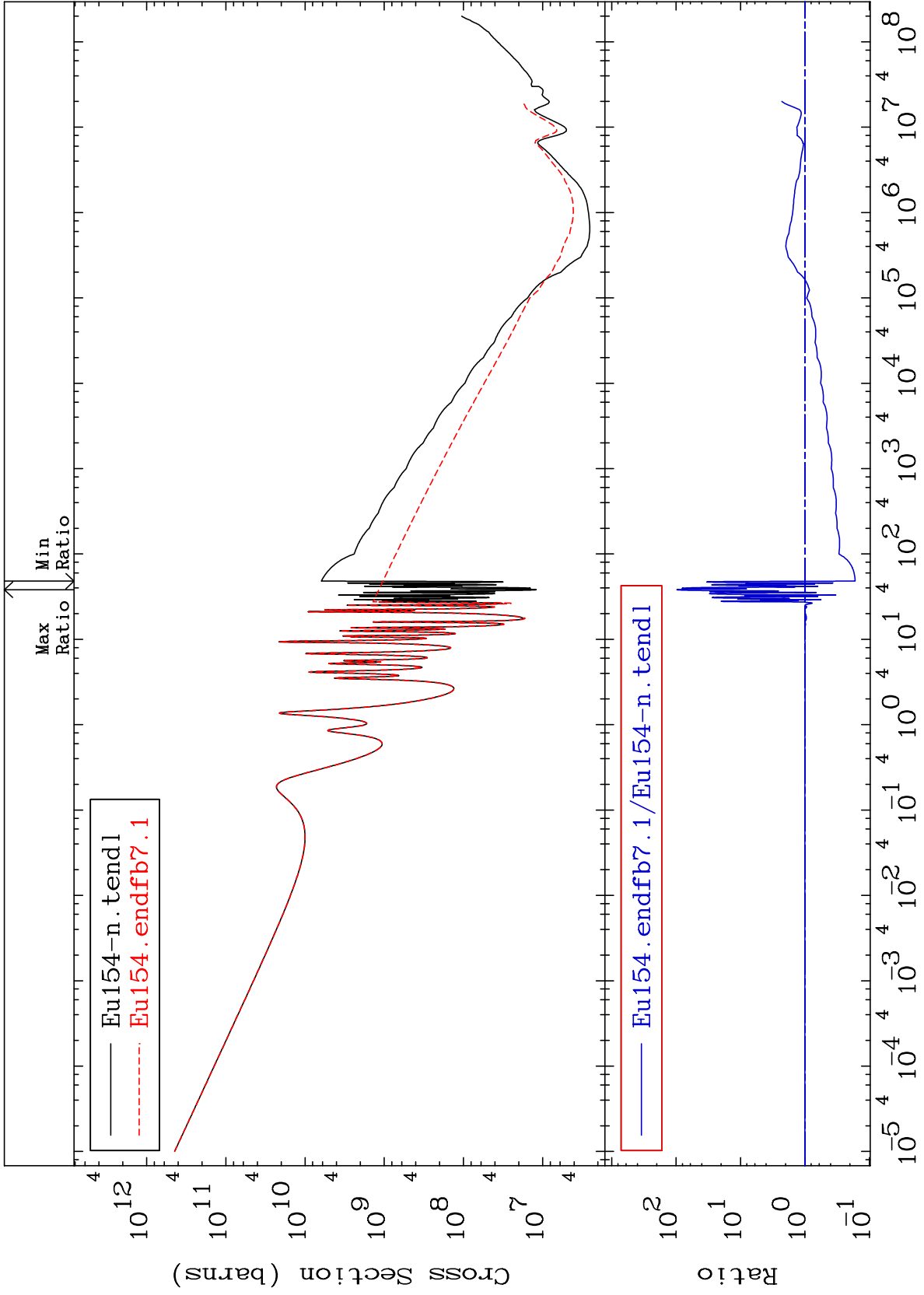
63-Eu-154
-90.81 To 109.8 %

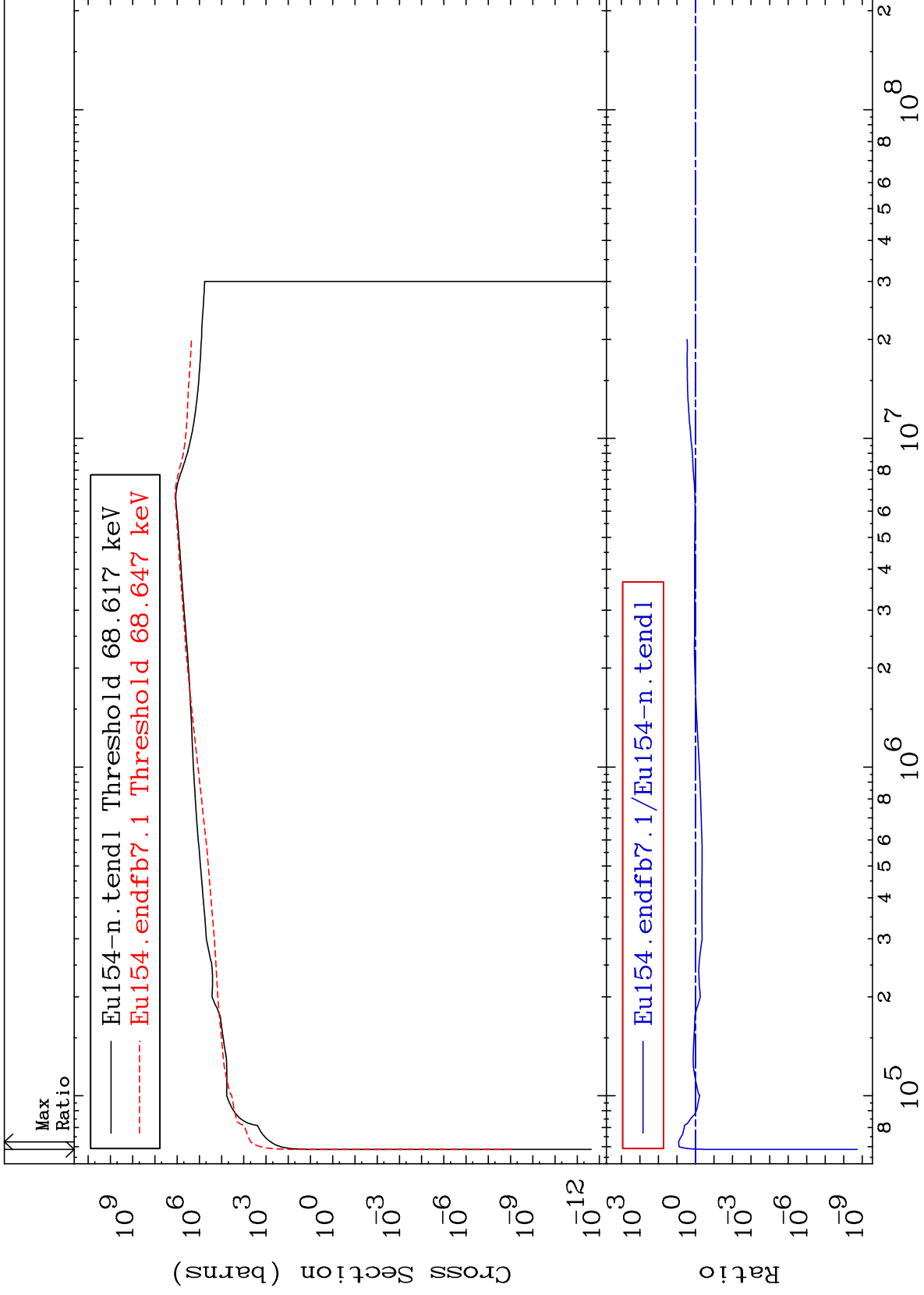


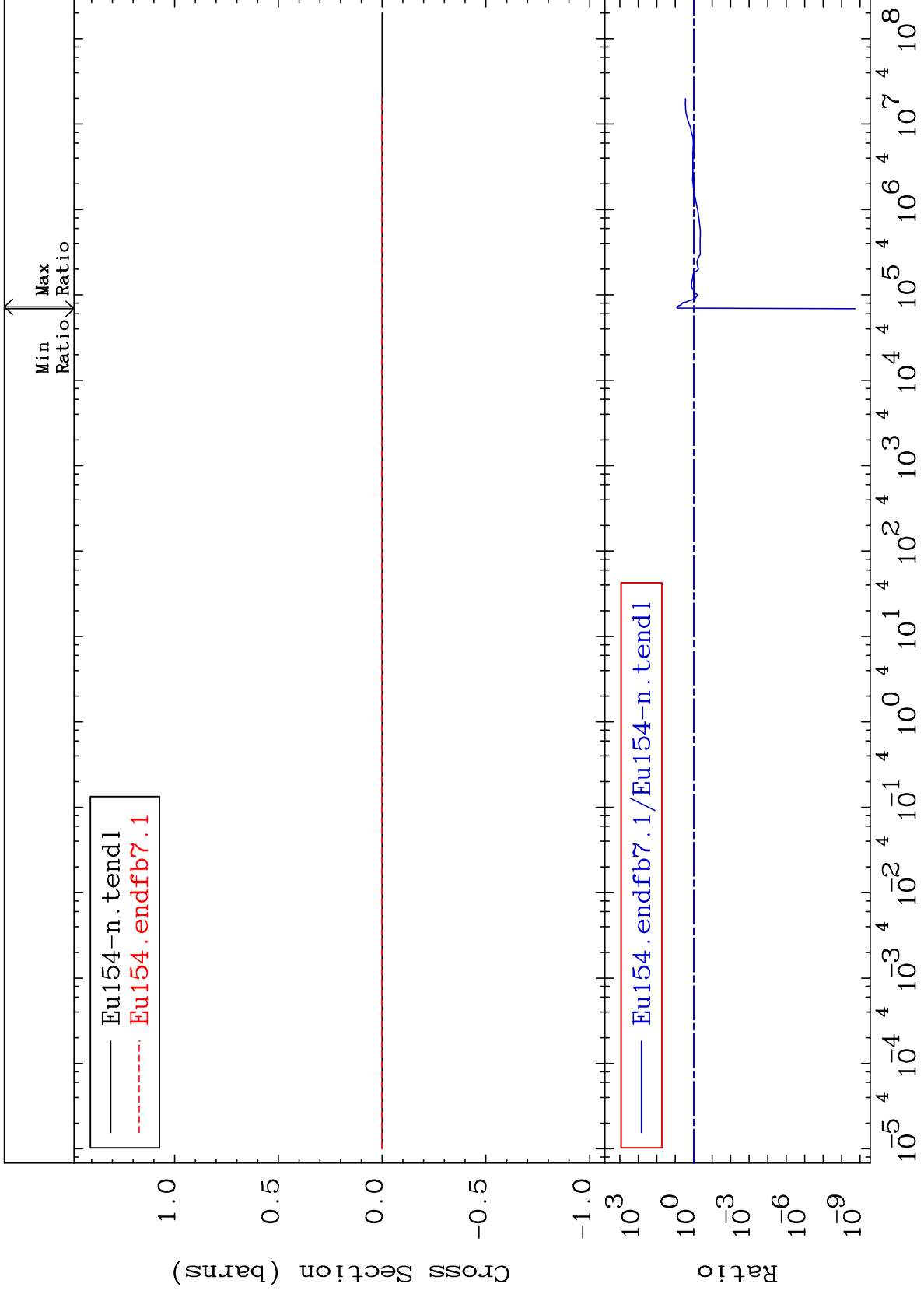
MAT 6334

Kerma non-elastic (all but mt2)
Cross Section

63-Eu-154
-83.34 To 9623. %



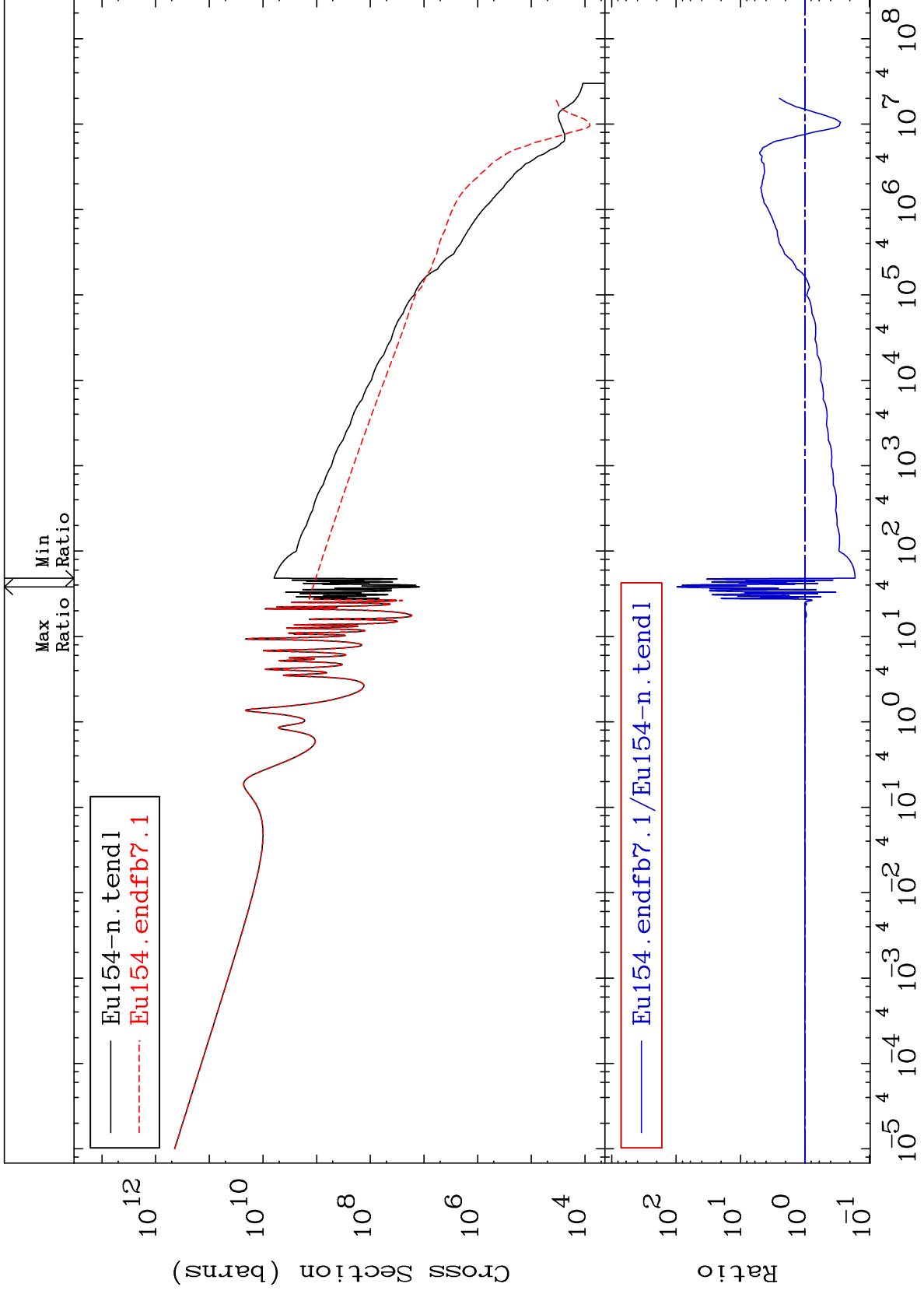




MAT 6334

Kerma capture (mt102)
Cross Section

63-Eu-154
-83.34 To 9623. %



30

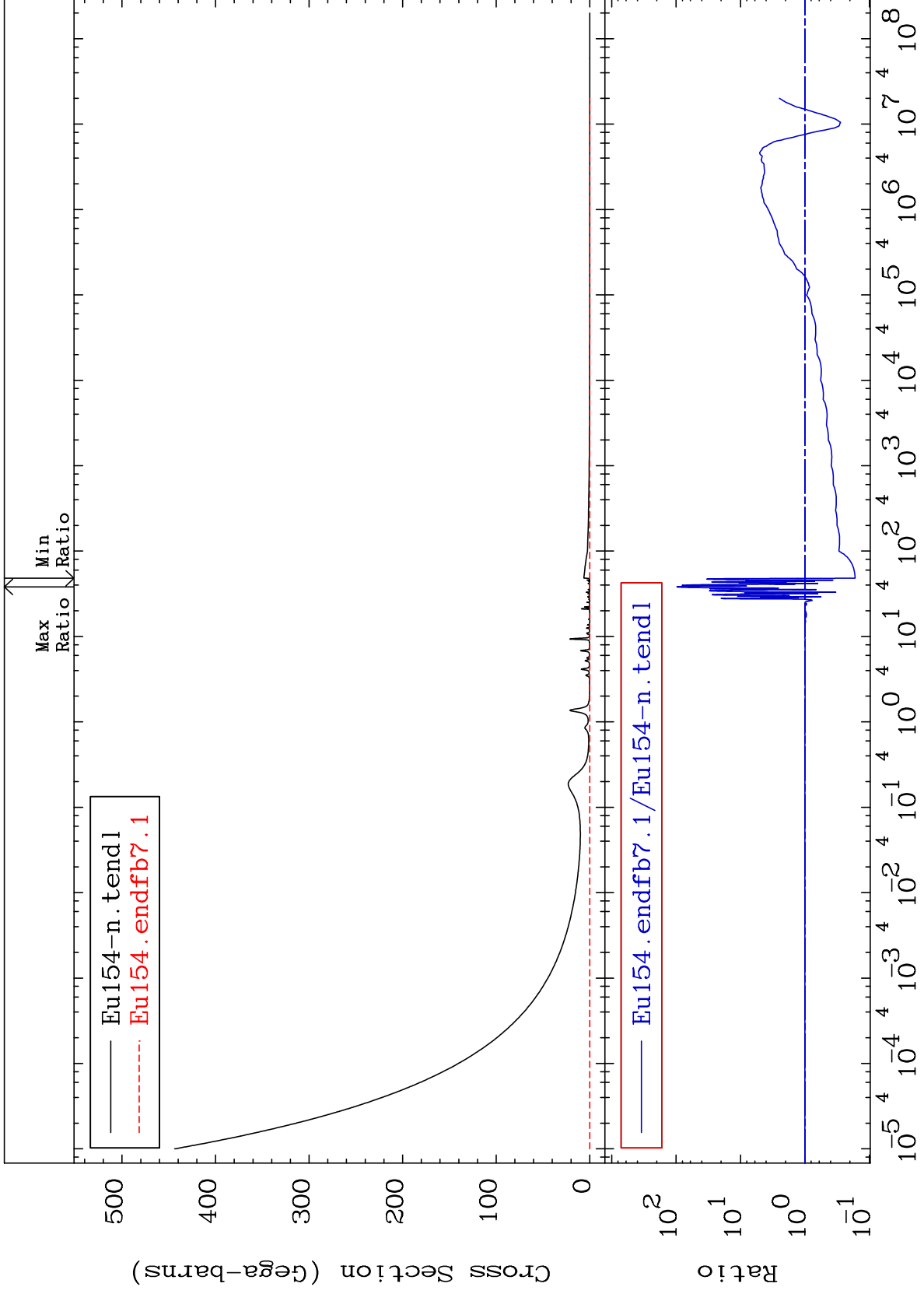
Incident Energy (eV)

63-Eu-154

MAT 6334

Total photon (eV-barns)
Cross Section

63-Eu-154
-83.34 To 9623. %



31

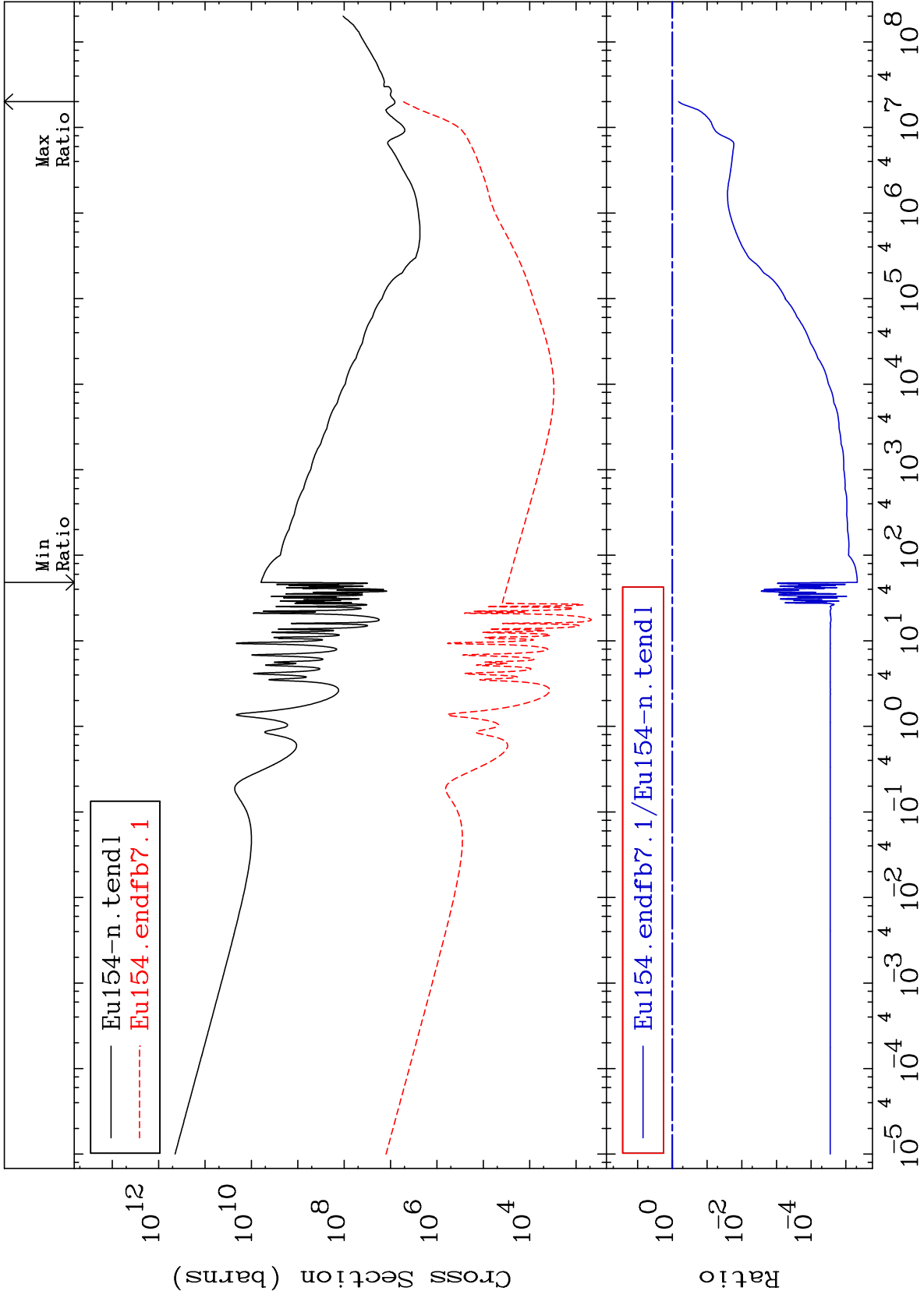
Incident Energy (eV)

63-Eu-154

MAT 6334

Total kinematic kerma (high limit)
Cross Section

63-Eu-154
-100.0 To -34.42%



32

Incident Energy (eV)

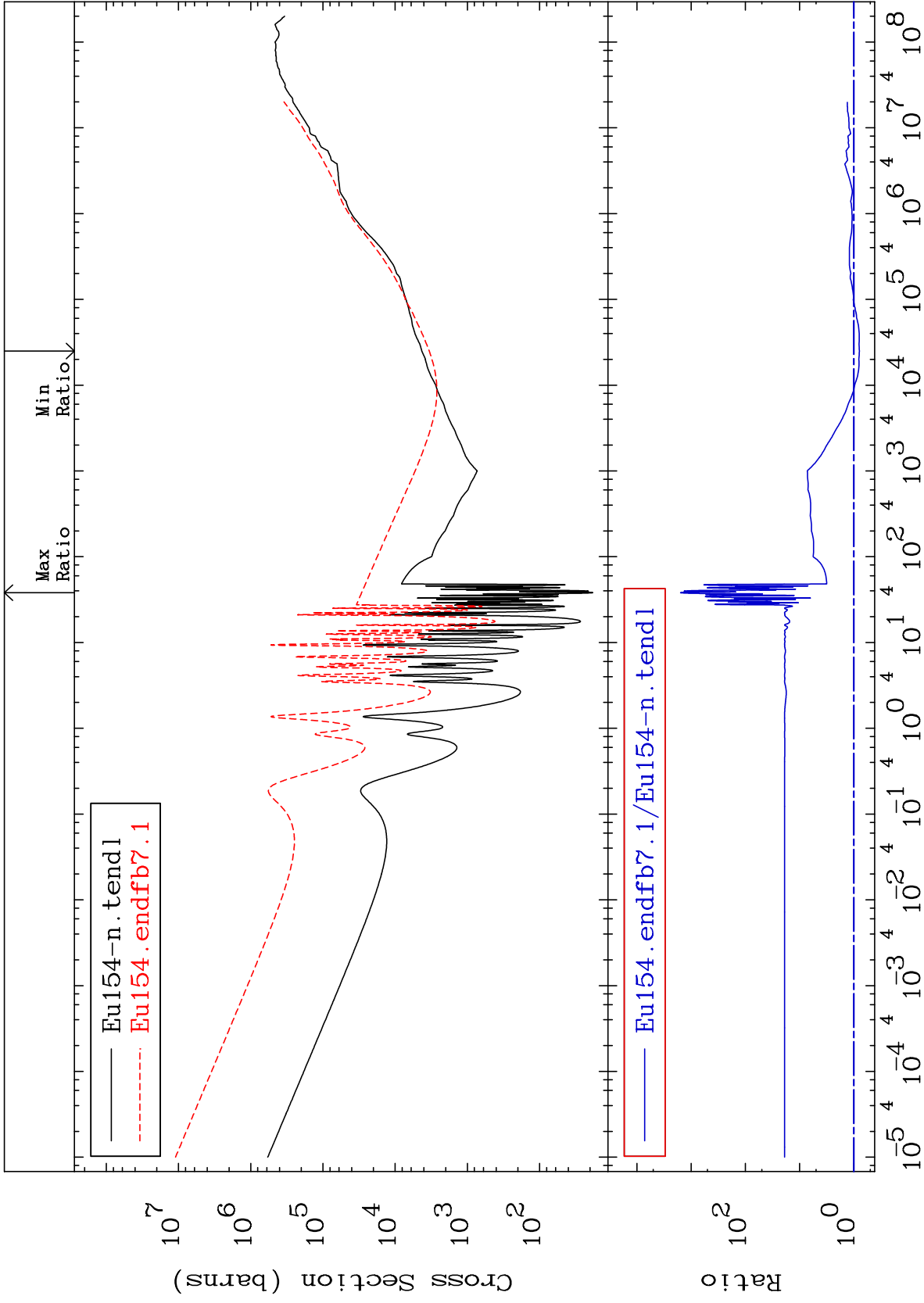
63-Eu-154

MAT 6334

Dpa total (eV-barns)

63-Eu-154

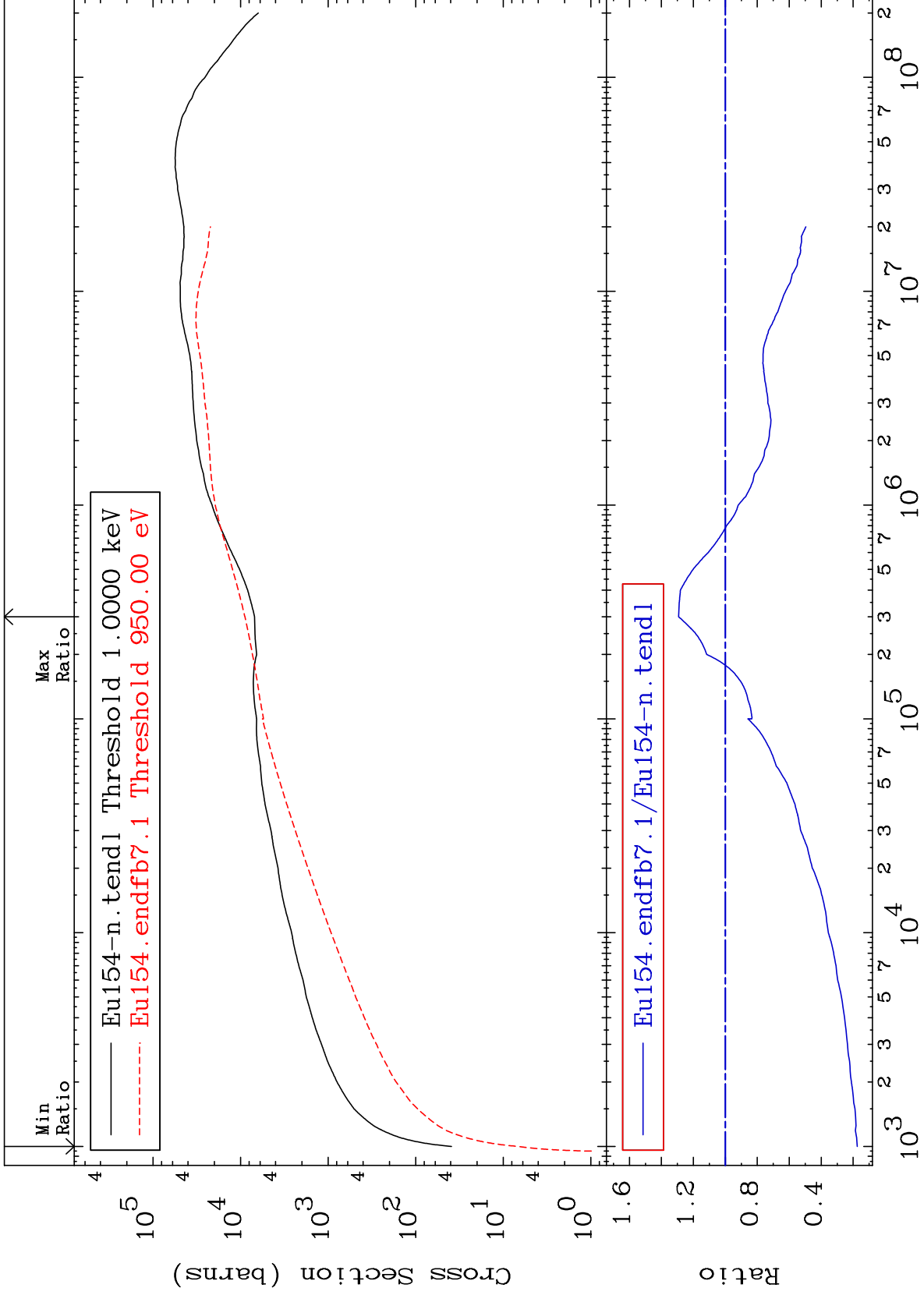
-20.92 To 9999. %



MAT 6334

Dpa elastic (mt2)
Cross Section

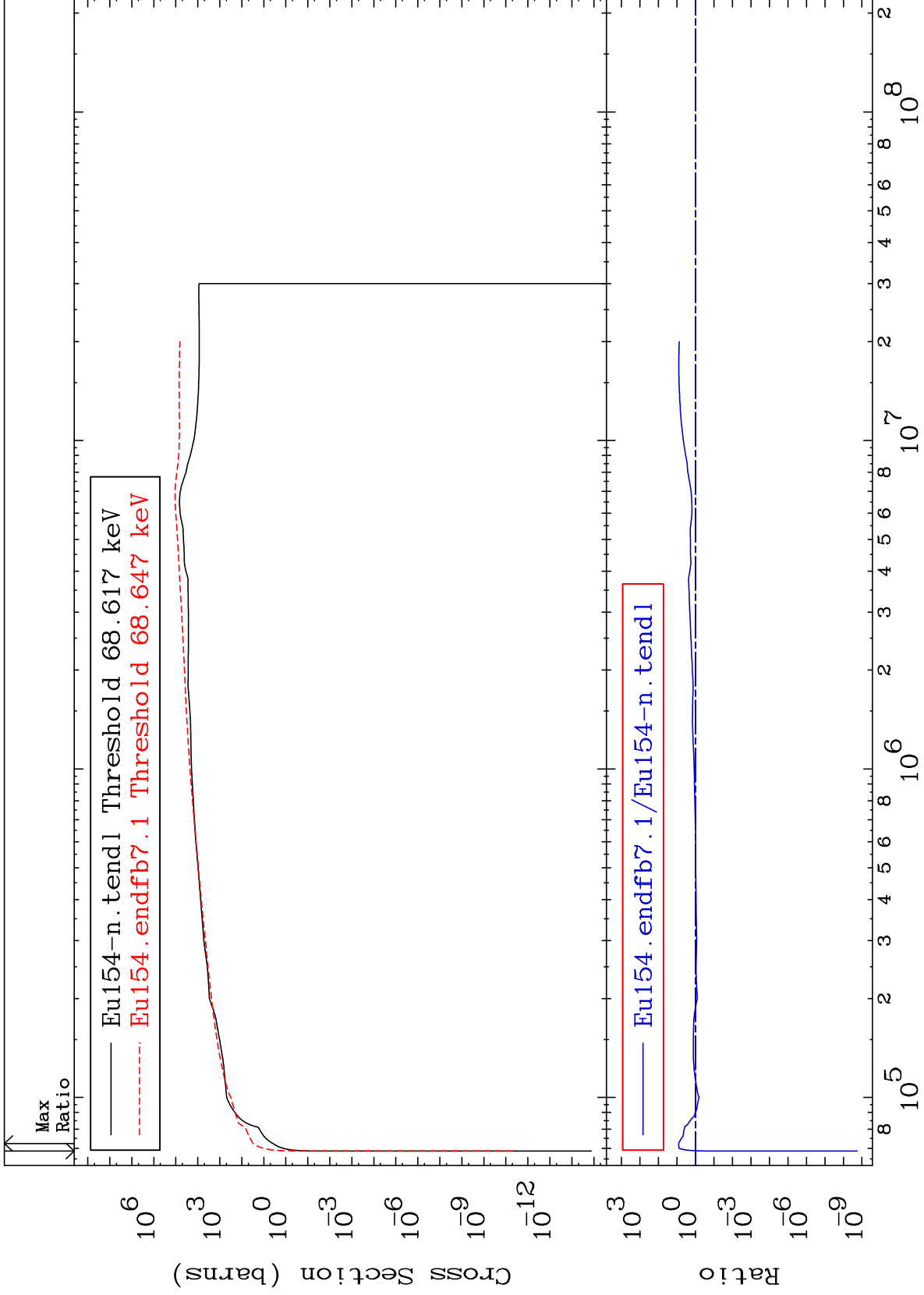
63-Eu-154
-82.56 To 29.22 %



34

Incident Energy (eV)

63-Eu-154



MAT 6334

Dpa disappearance (mt102 -120)
Cross Section

63-Eu-154
10.92 To 9999. %

