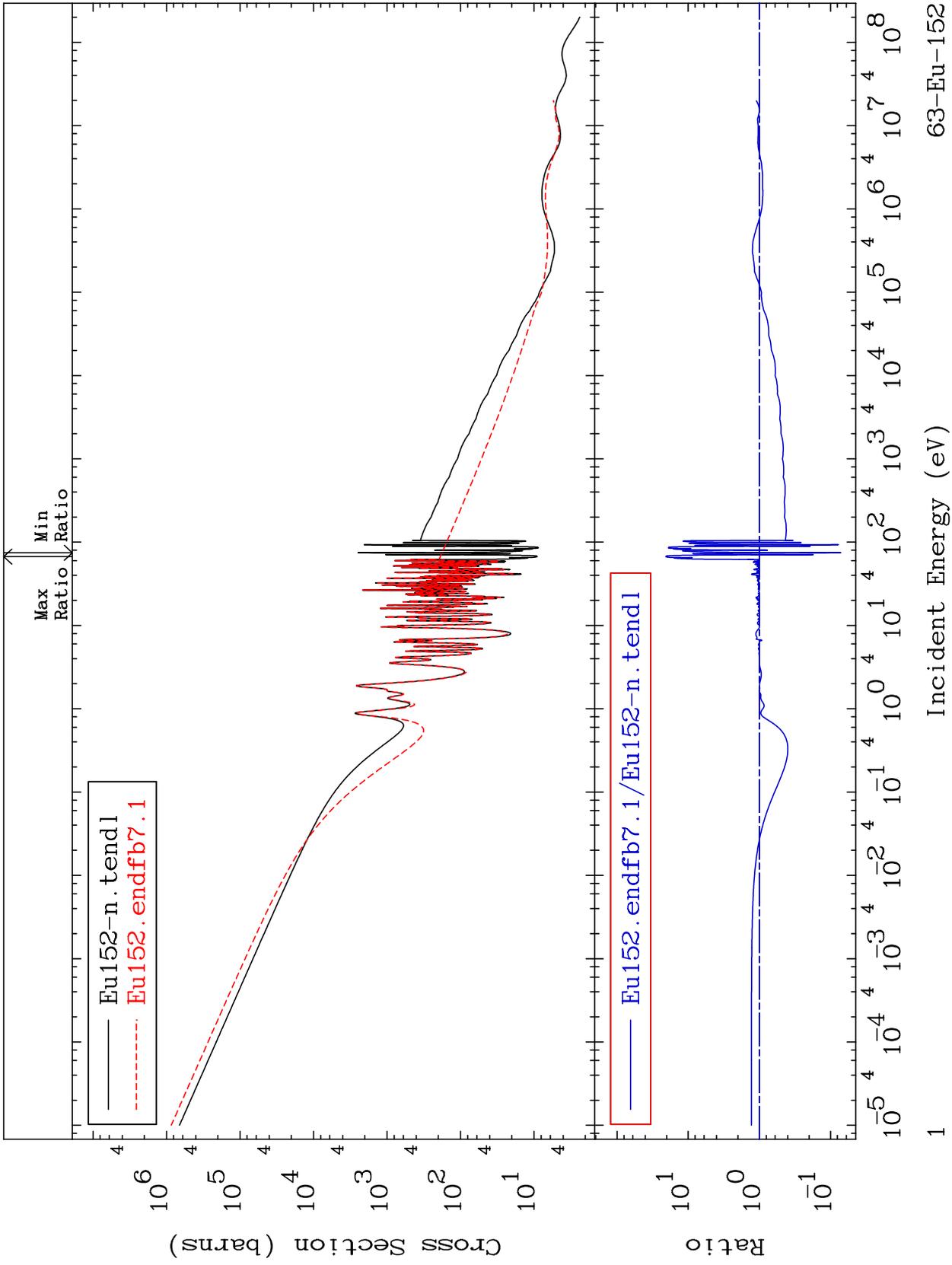


MAT 6328

Total Cross Section
63-Eu-152
-92.83 To 1984. %

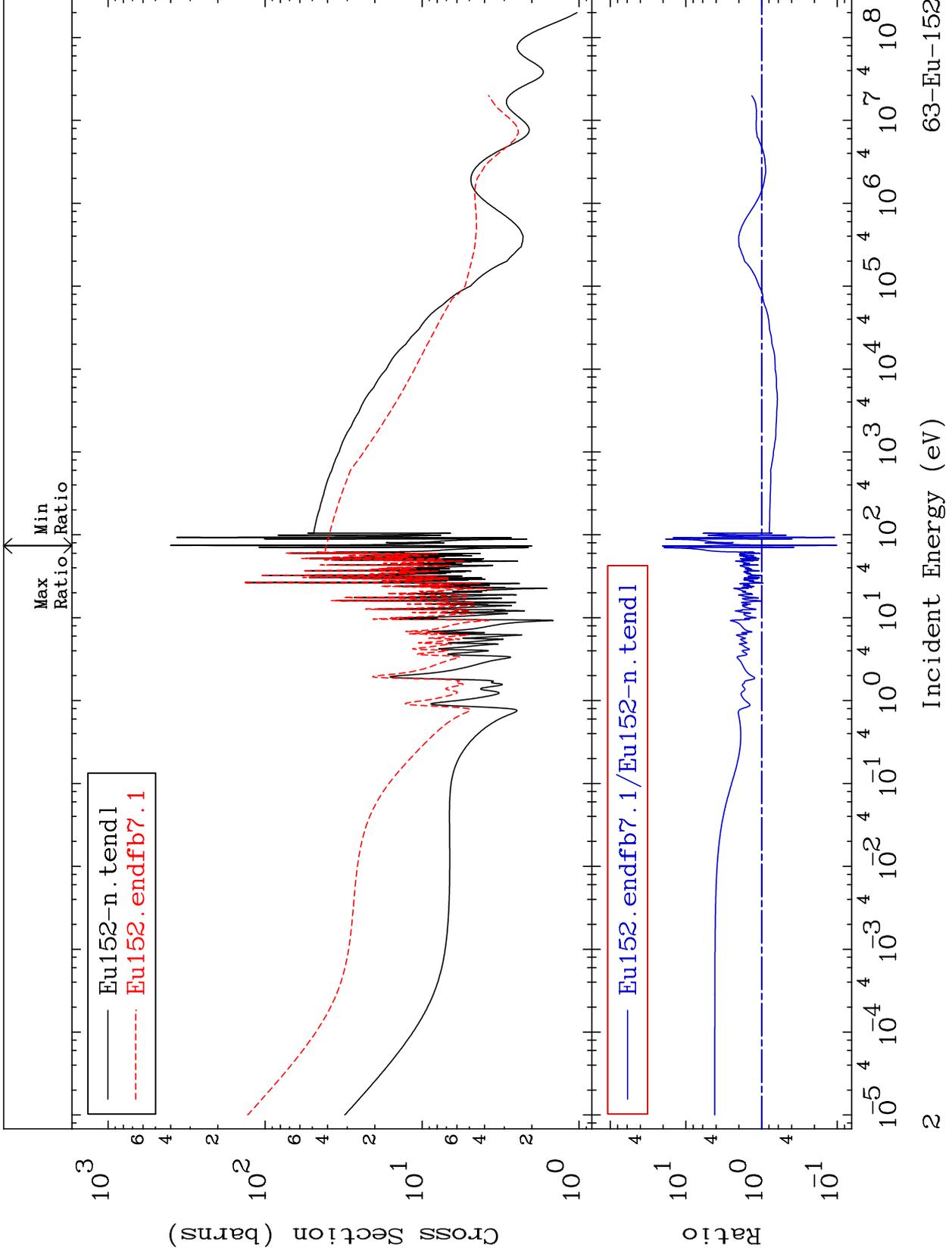


63-Eu-152

MAT 6328

Elastic
Cross Section

63-Eu-152
-89.86 To 1950. %

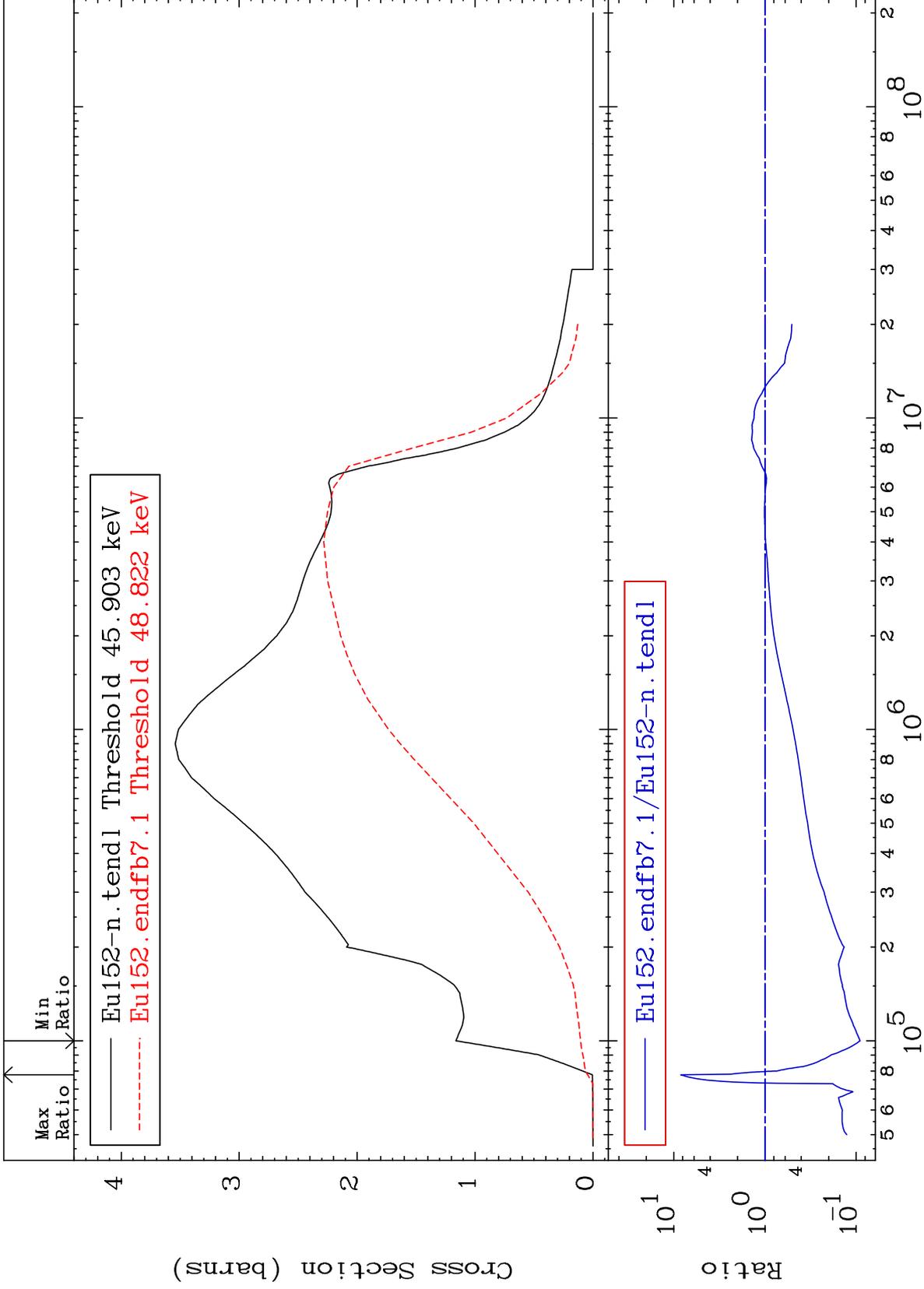


63-Eu-152

MAT 6328

Inelastic
Cross Section

63-Eu-152
-90.94 To 738.4 %



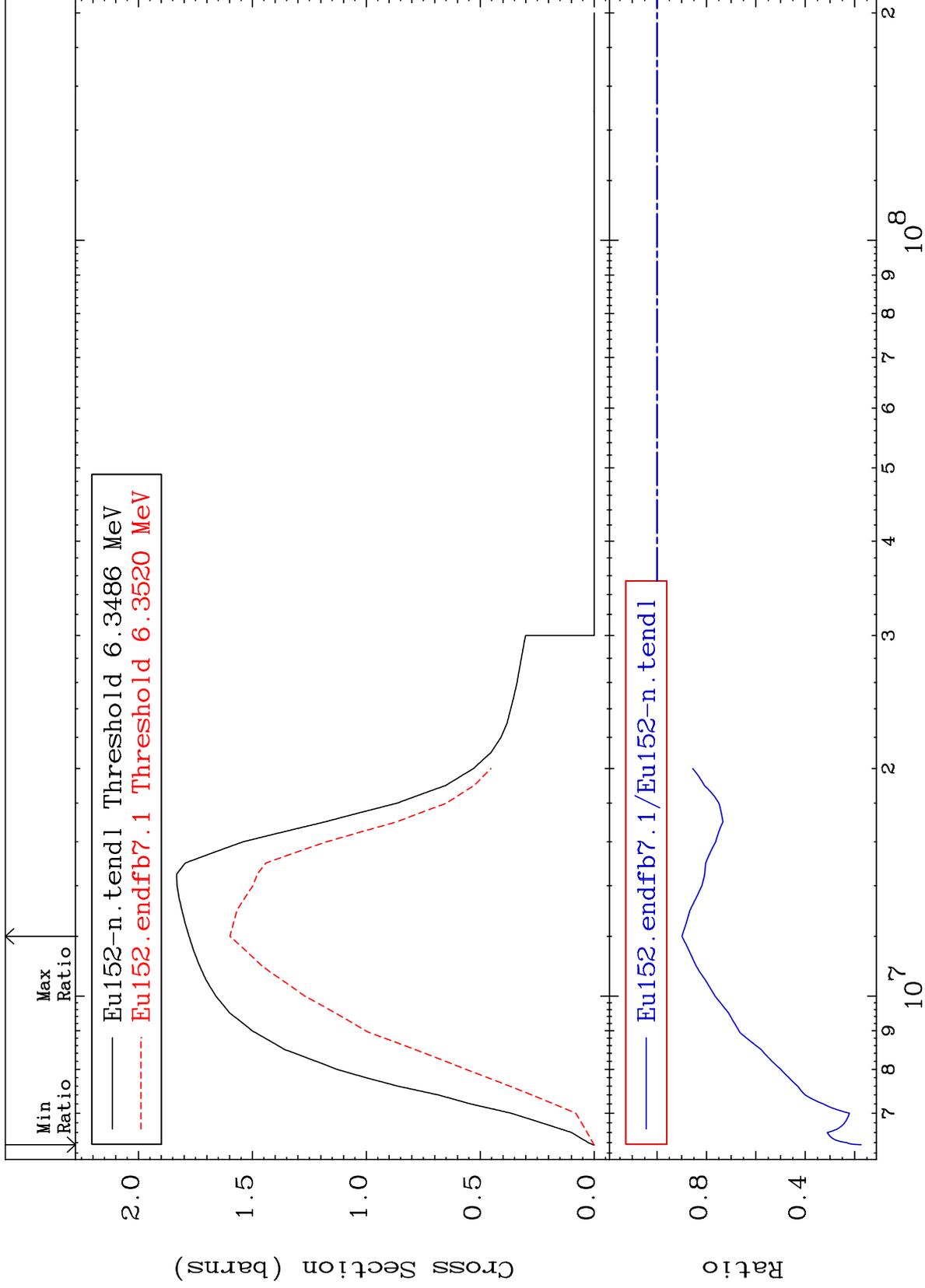
MAT 6328

(n,2n)

63-Eu-152

Cross Section

-82.63 To -10.09%



4

Incident Energy (eV)

63-Eu-152

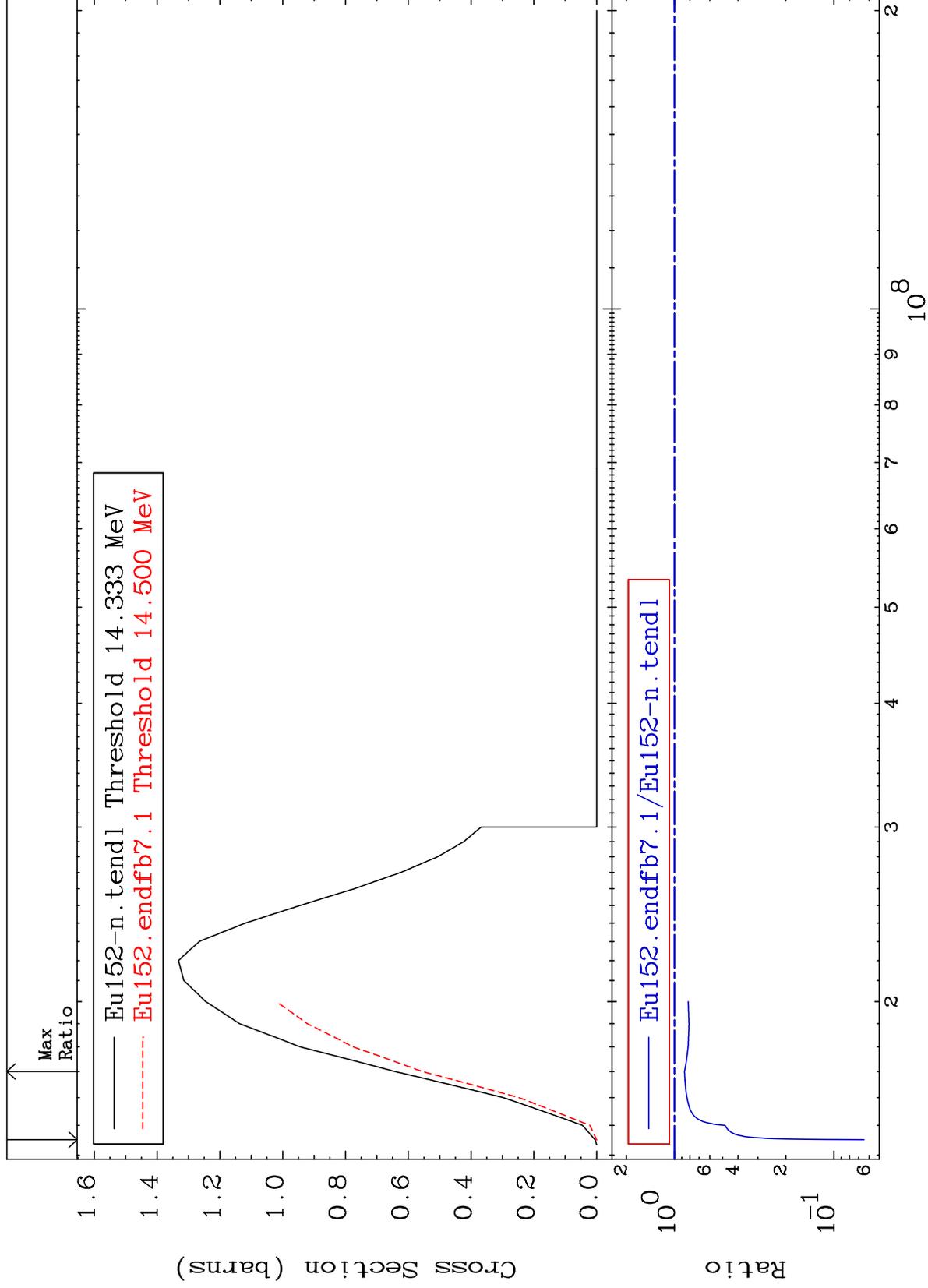
MAT 6328

(n,3n)

63-Eu-152

Cross Section

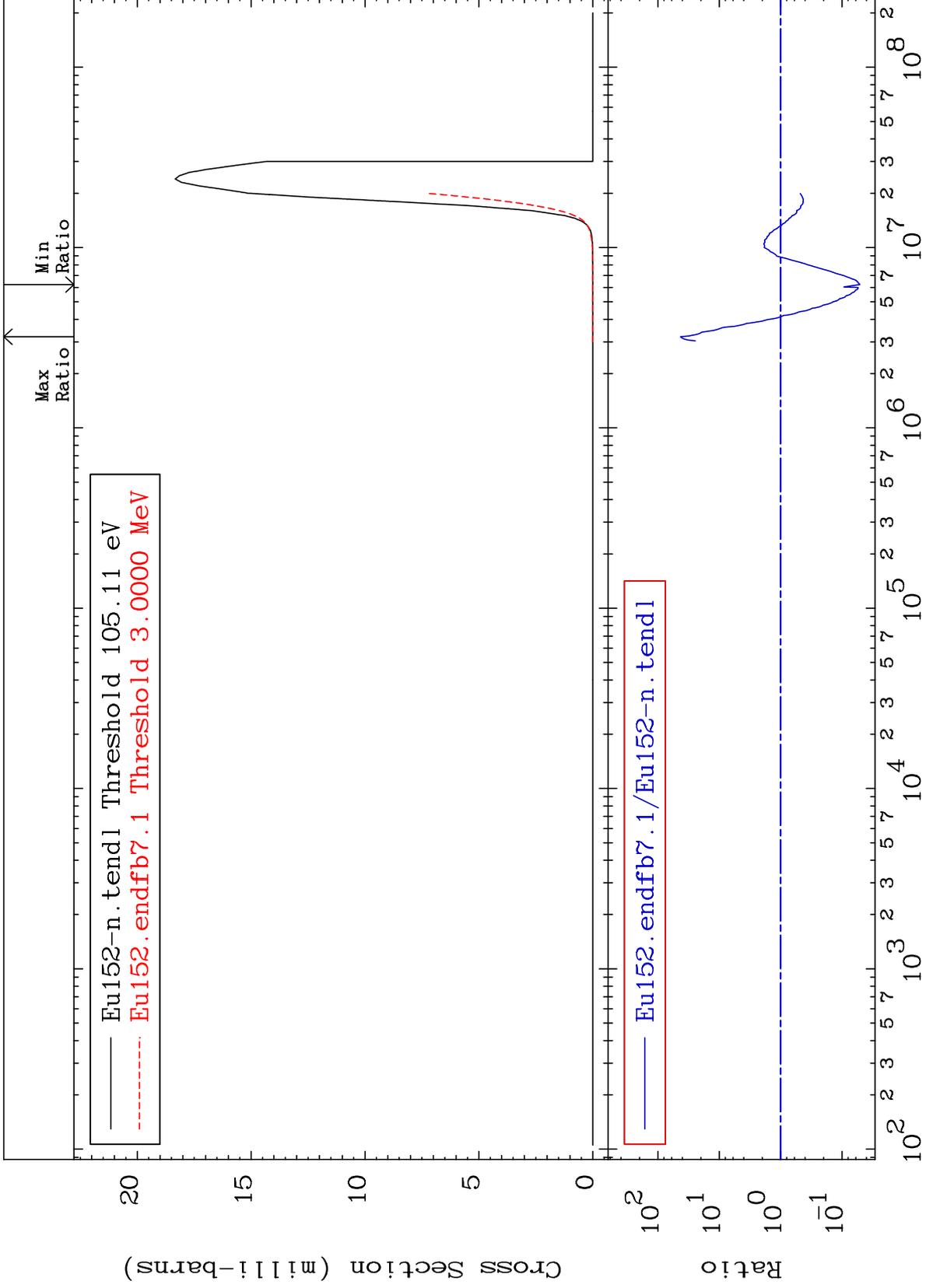
-93.53 To -13.55%



MAT 6328

(n, n') α
Cross Section

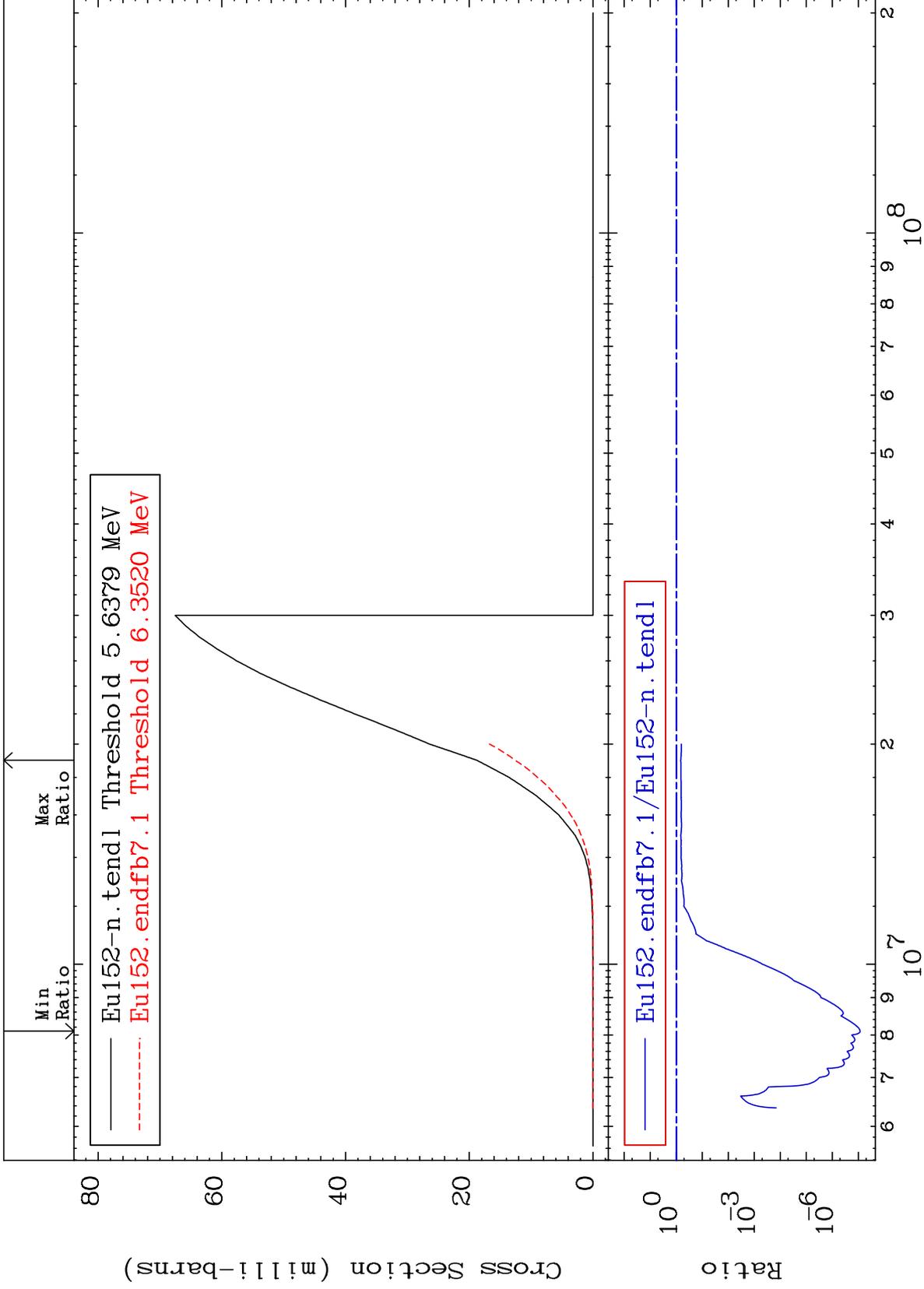
63-Eu-152
-94.84 To 4195. %



MAT 6328

(n, n') p
Cross Section

63-Eu-152
-100.0 To -33.05%



7

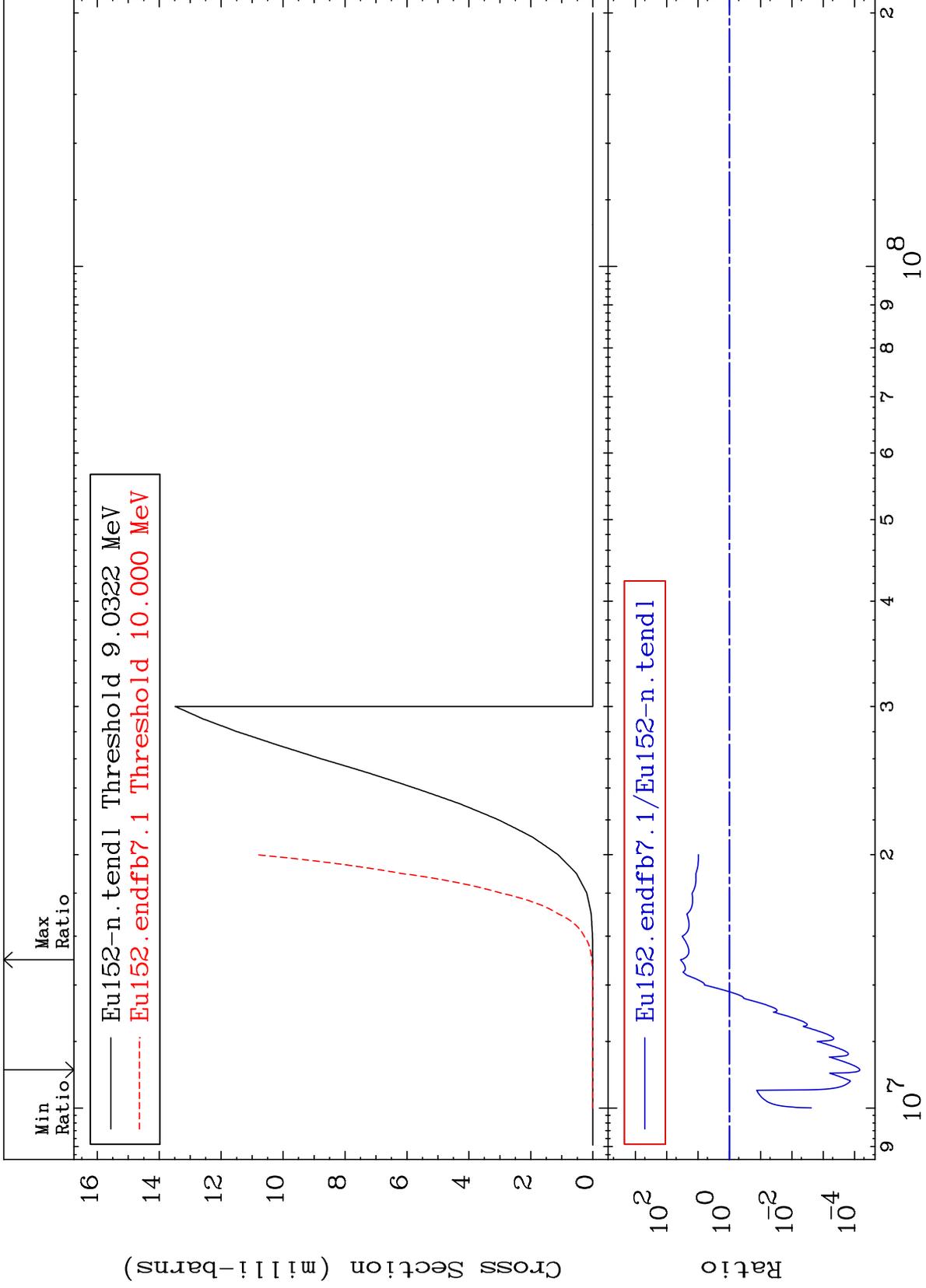
Incident Energy (eV)

63-Eu-152

MAT 6328

(n,n') d
Cross Section

63-Eu-152
-99.99 To 3499. %



8

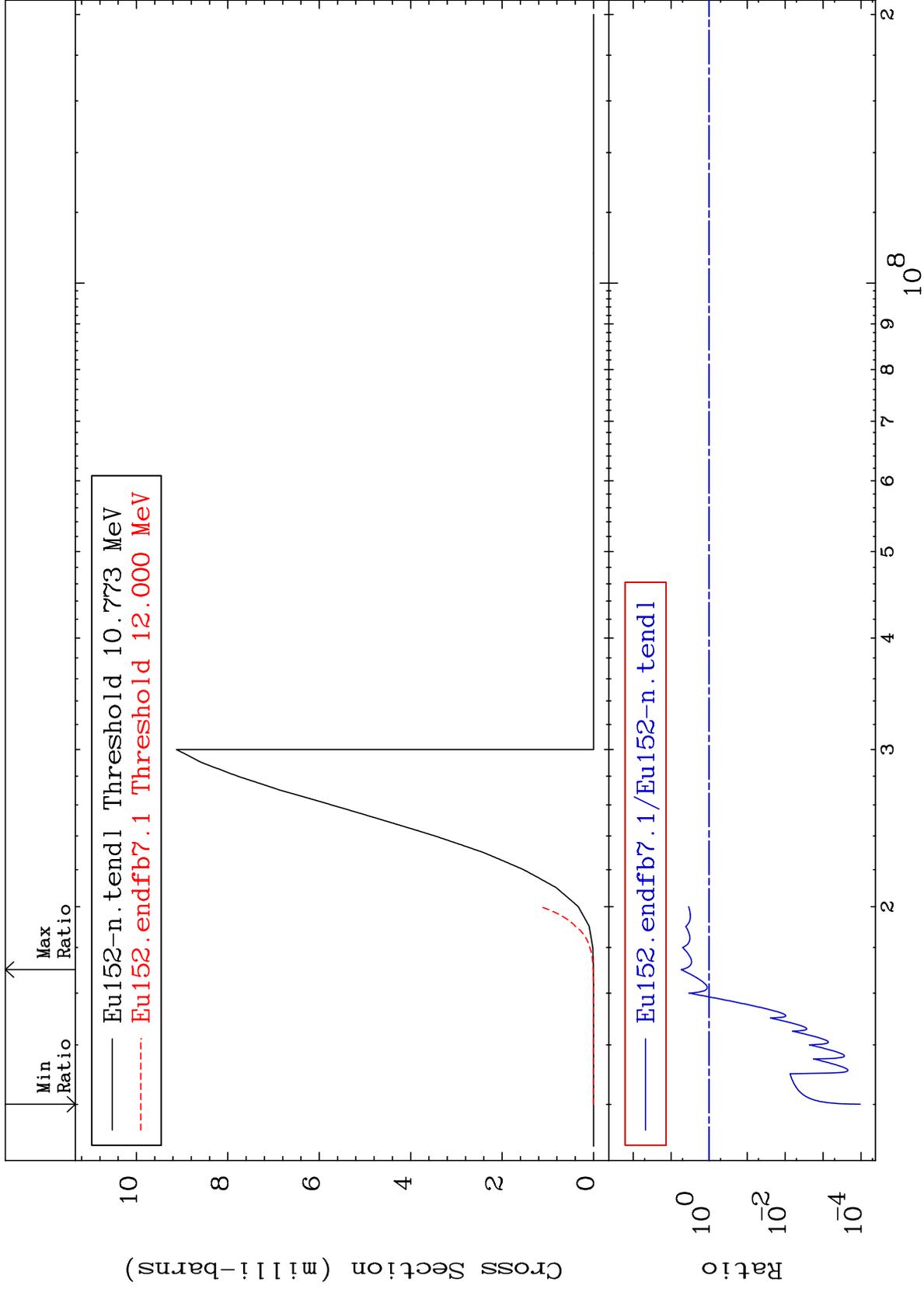
Incident Energy (eV)

63-Eu-152

MAT 6328

(n,n') t
Cross Section

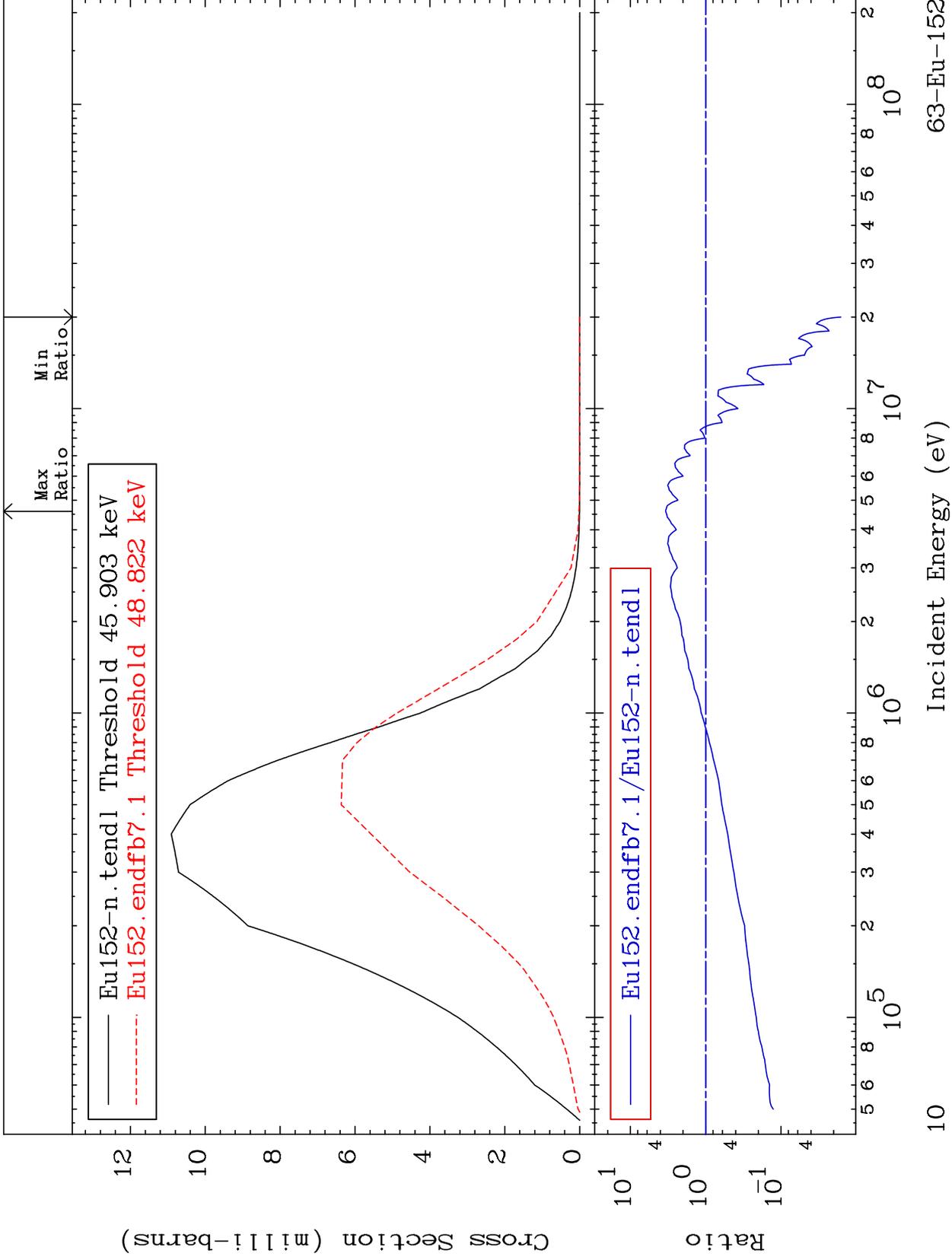
63-Eu-152
-99.99 To 446.3 %



MAT 6328

45.60 keV (n,n') Level
Cross Section

63-Eu-152
-98.39 To 241.7 %



10

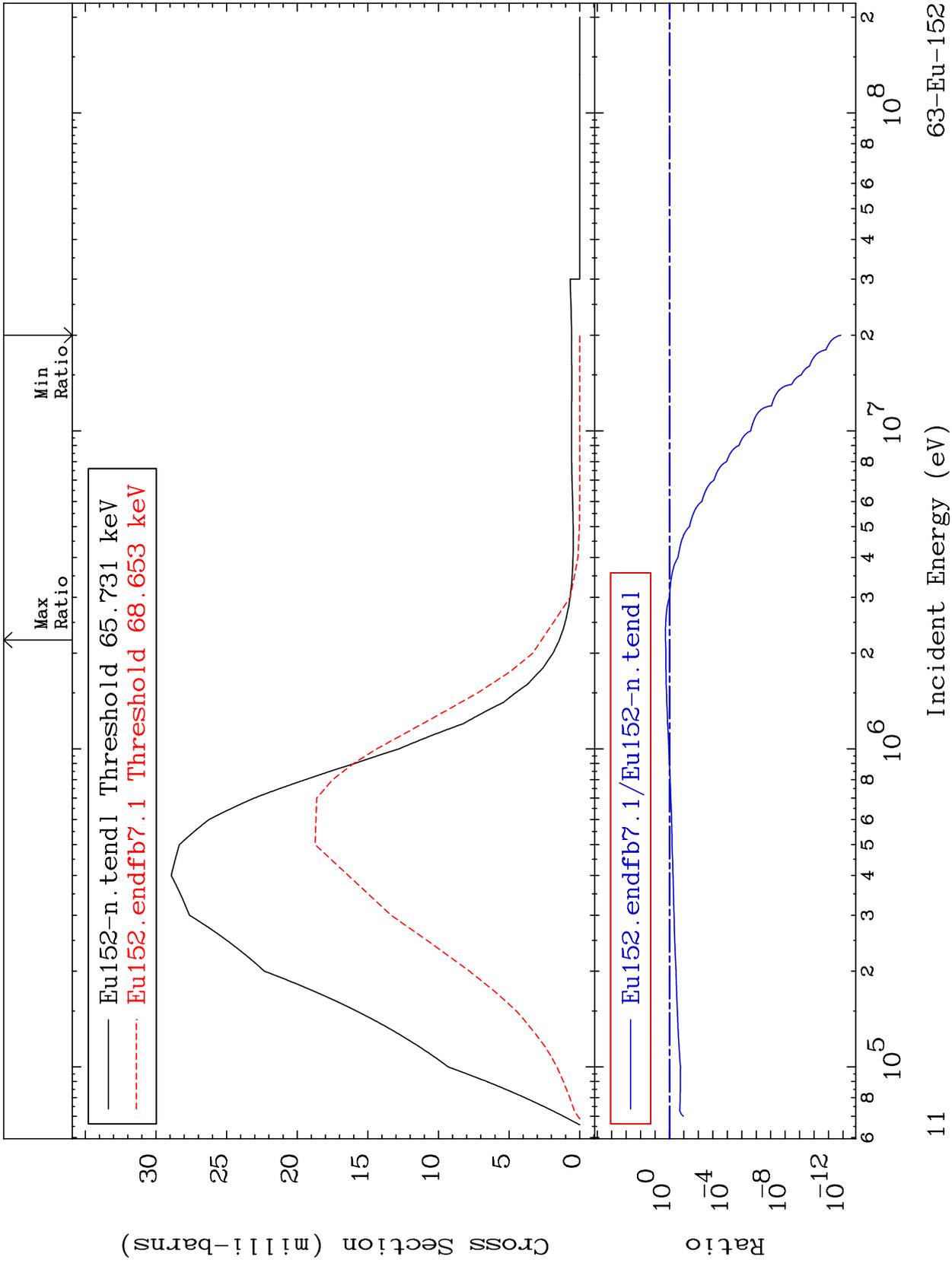
Incident Energy (eV)

63-Eu-152

MAT 6328

65.30 keV (n,n') Level
Cross Section

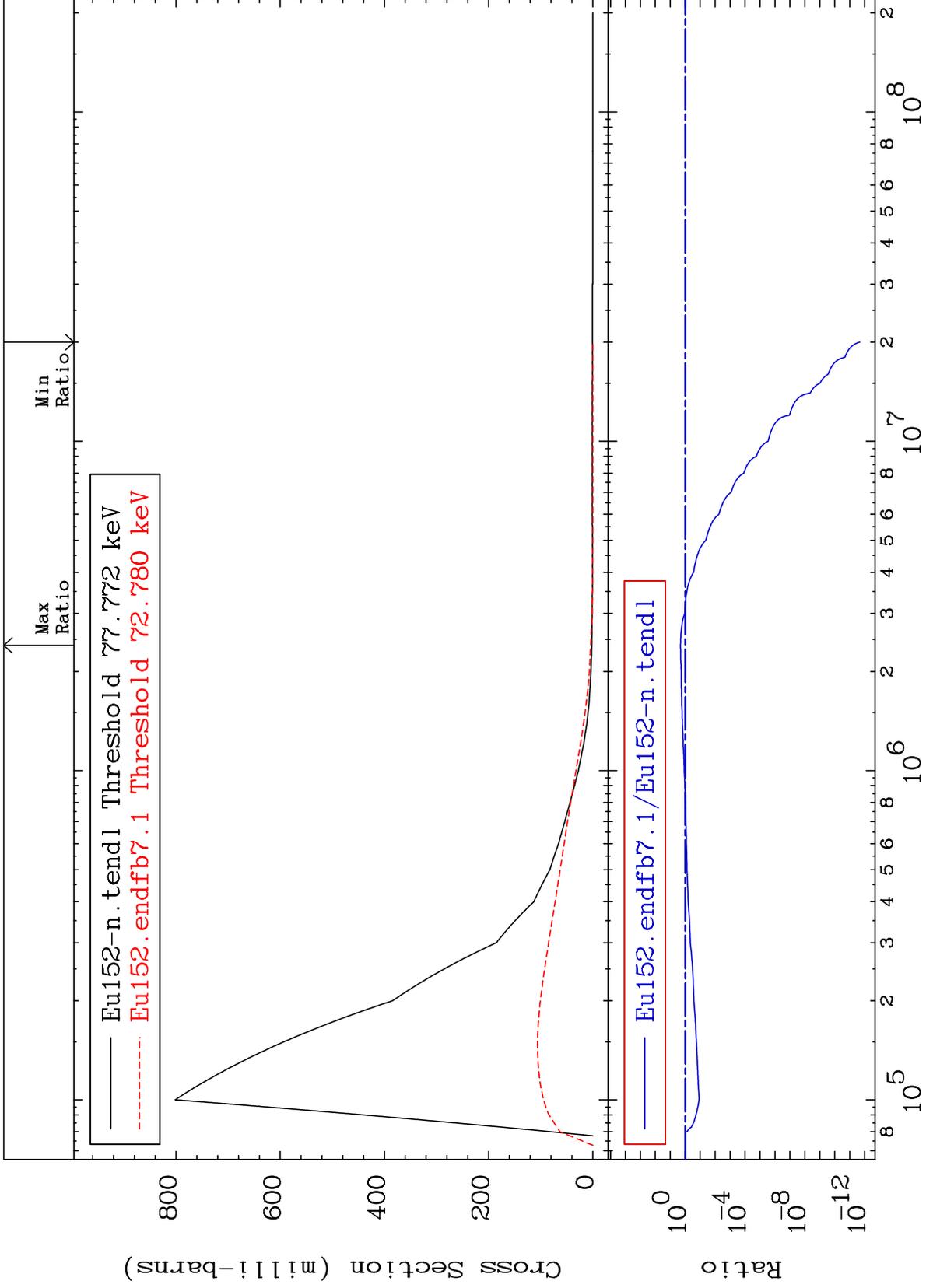
63-Eu-152
-100.0 To 88.03 %



MAT 6328

77.26 keV (n,n') Level
Cross Section

63-Eu-152
-100.0 To 106.2 %



12

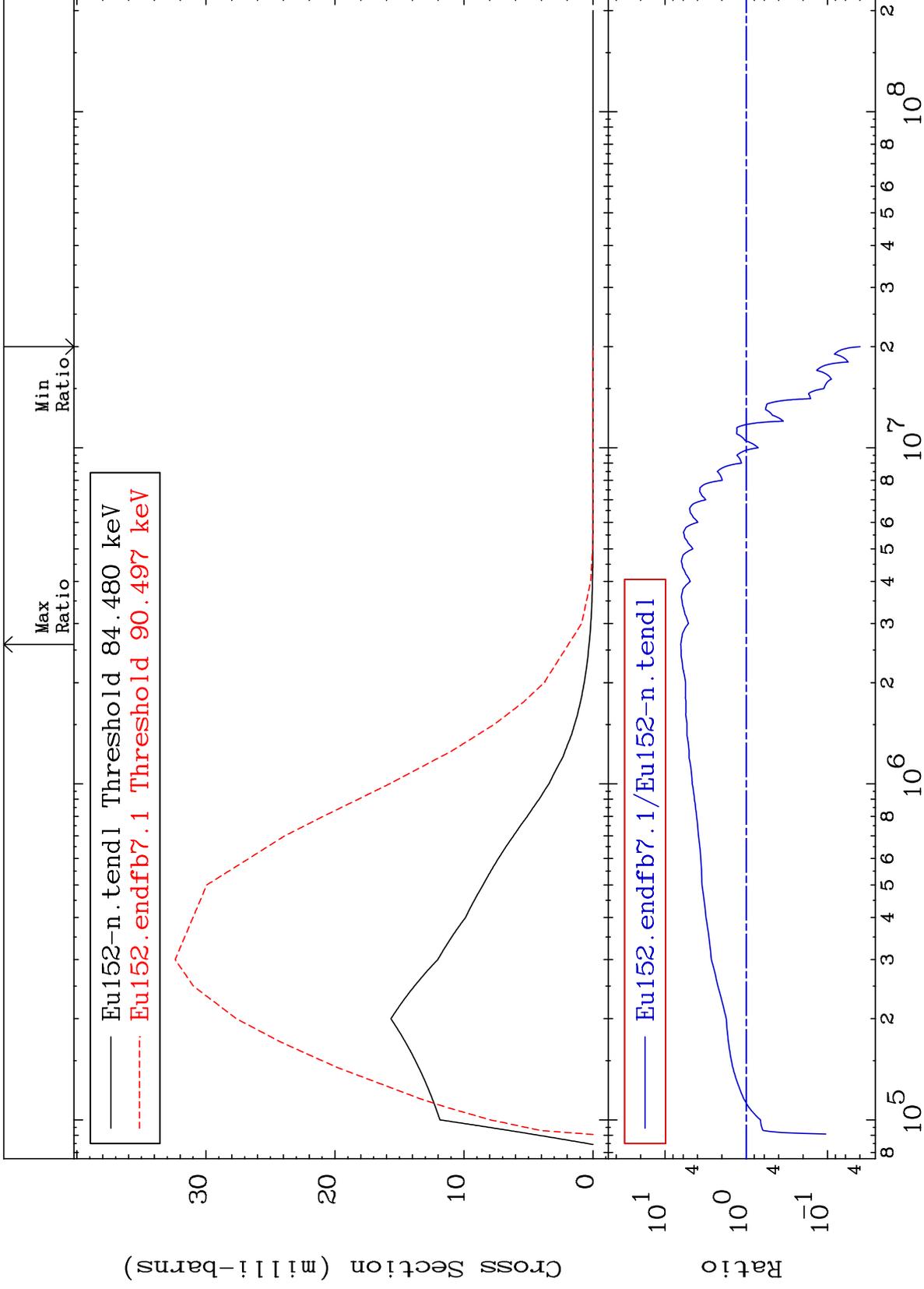
Incident Energy (eV)

63-Eu-152

MAT 6328

83.92 keV (n,n') Level
Cross Section

63-Eu-152
-96.03 To 541.6 %



13

Incident Energy (eV)

63-Eu-152

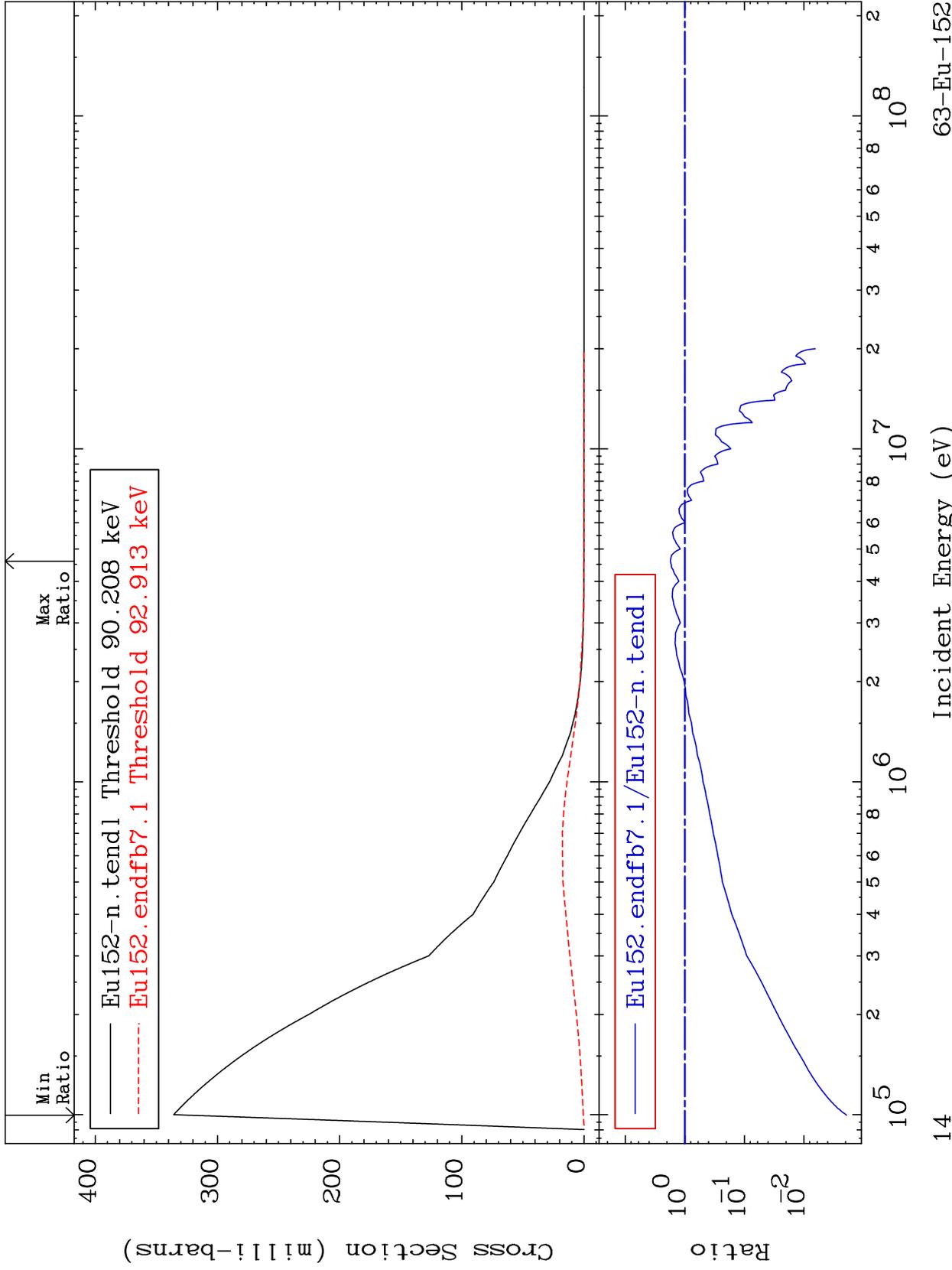
MAT 6328

89.61 keV (n,n') Level

63-Eu-152

-99.81 To 76.01 %

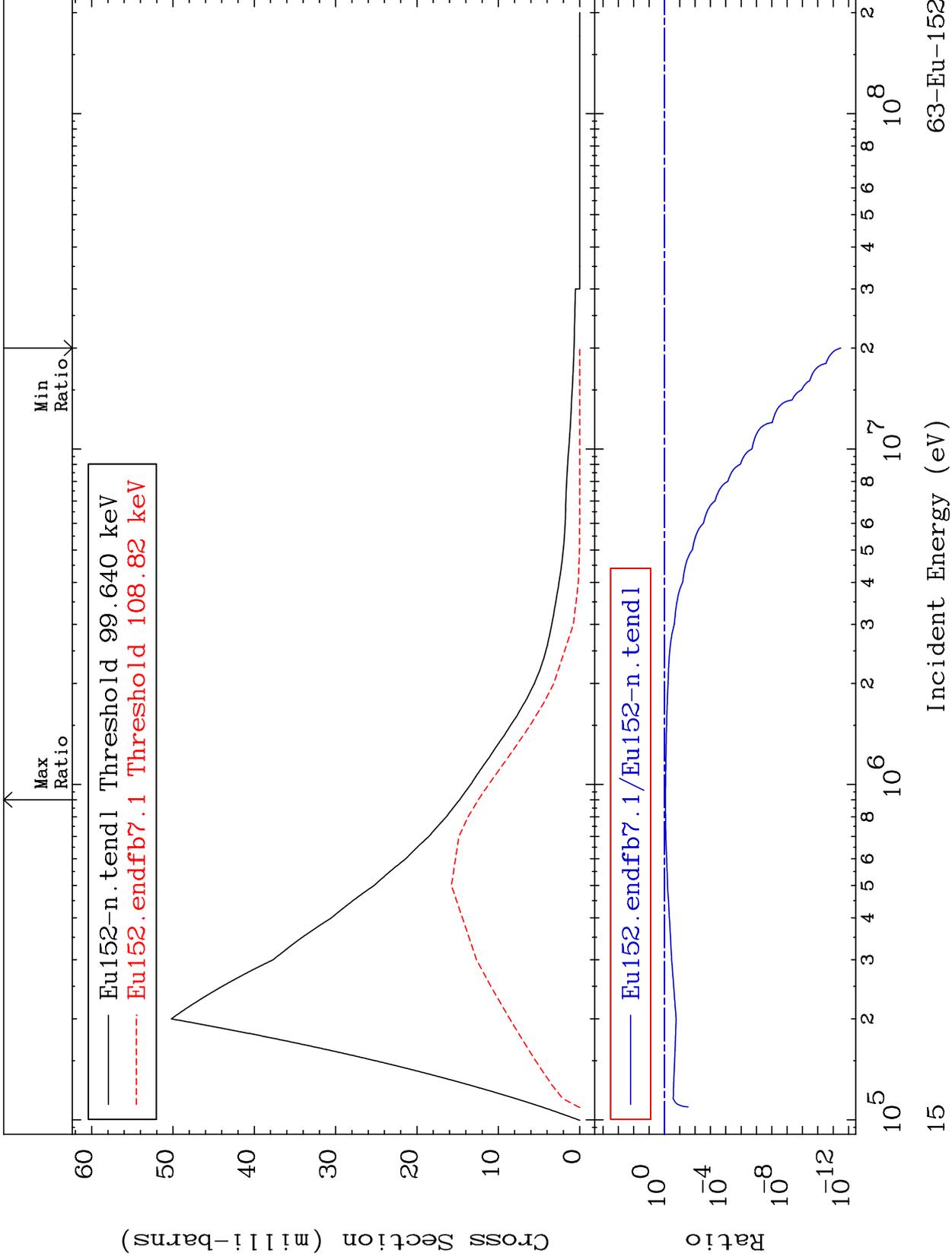
Cross Section



MAT 6328

98.98 keV (n,n') Level
Cross Section

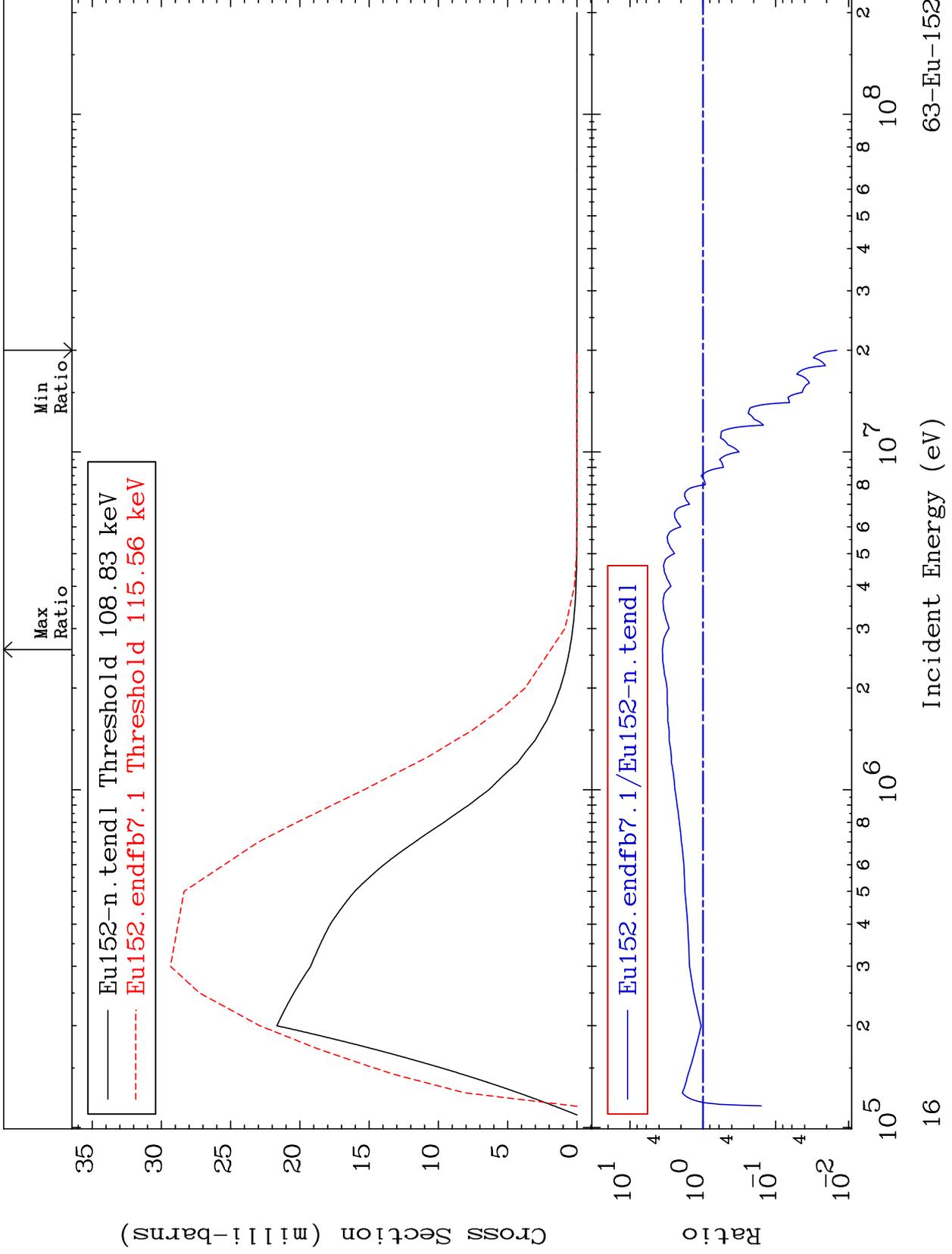
63-Eu-152
-100.0 To -15.54%



MAT 6328

108.1 keV (n,n') Level
Cross Section

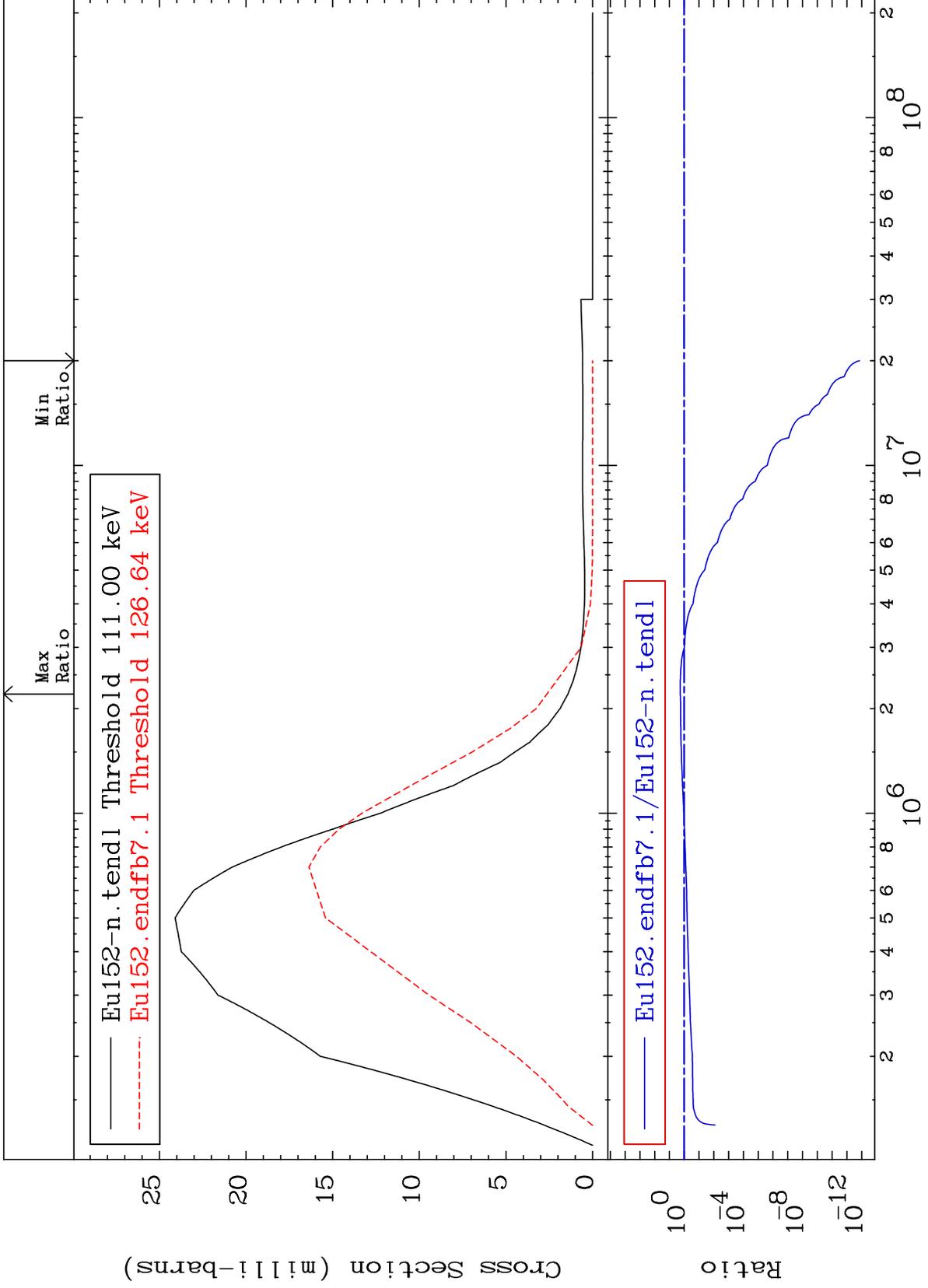
63-Eu-152
-98.55 To 260.0 %



MAT 6328

110.3 keV (n,n') Level
Cross Section

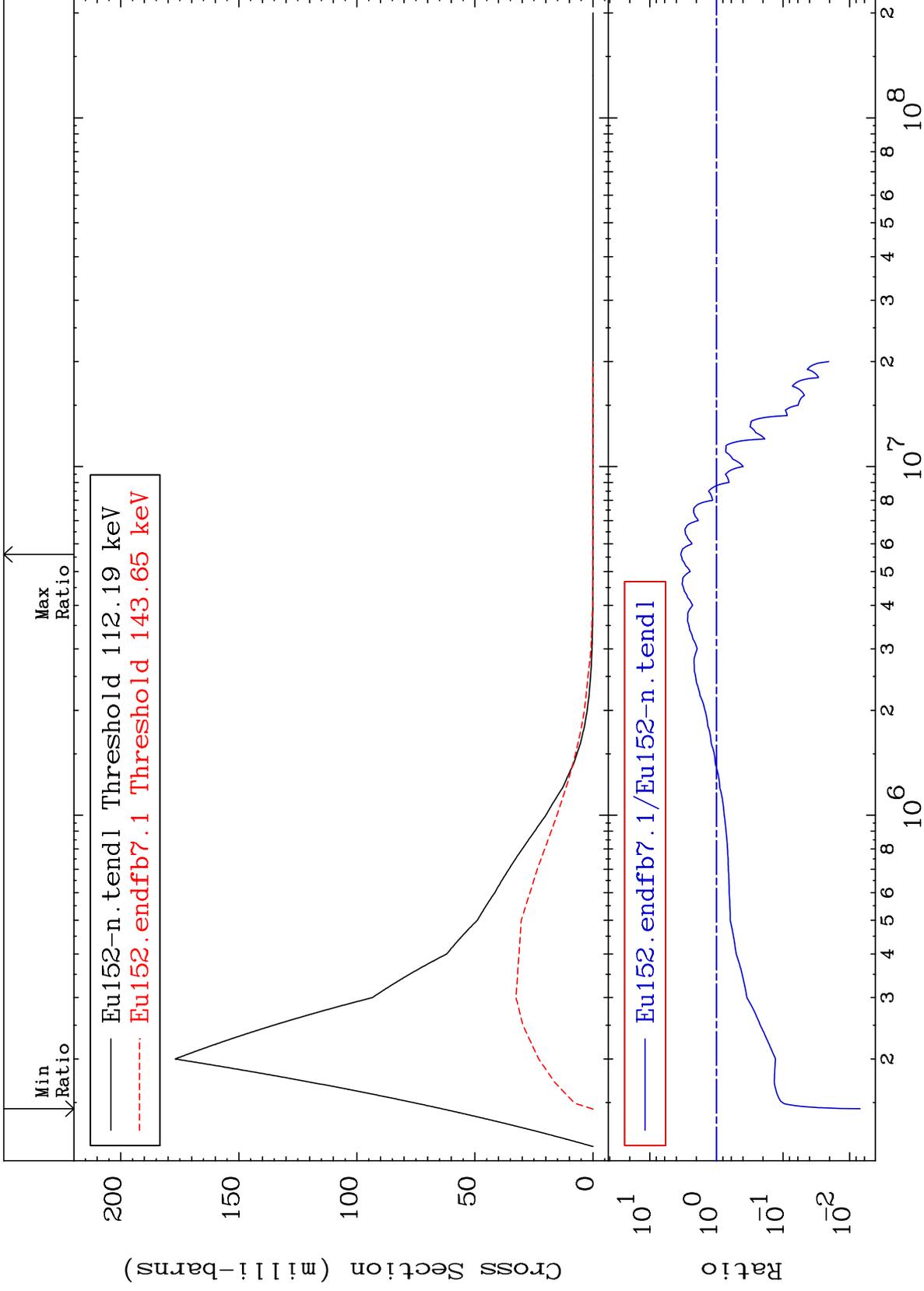
63-Eu-152
-100.0 To 85.42 %



MAT 6328

111.4 keV (n,n') Level
Cross Section

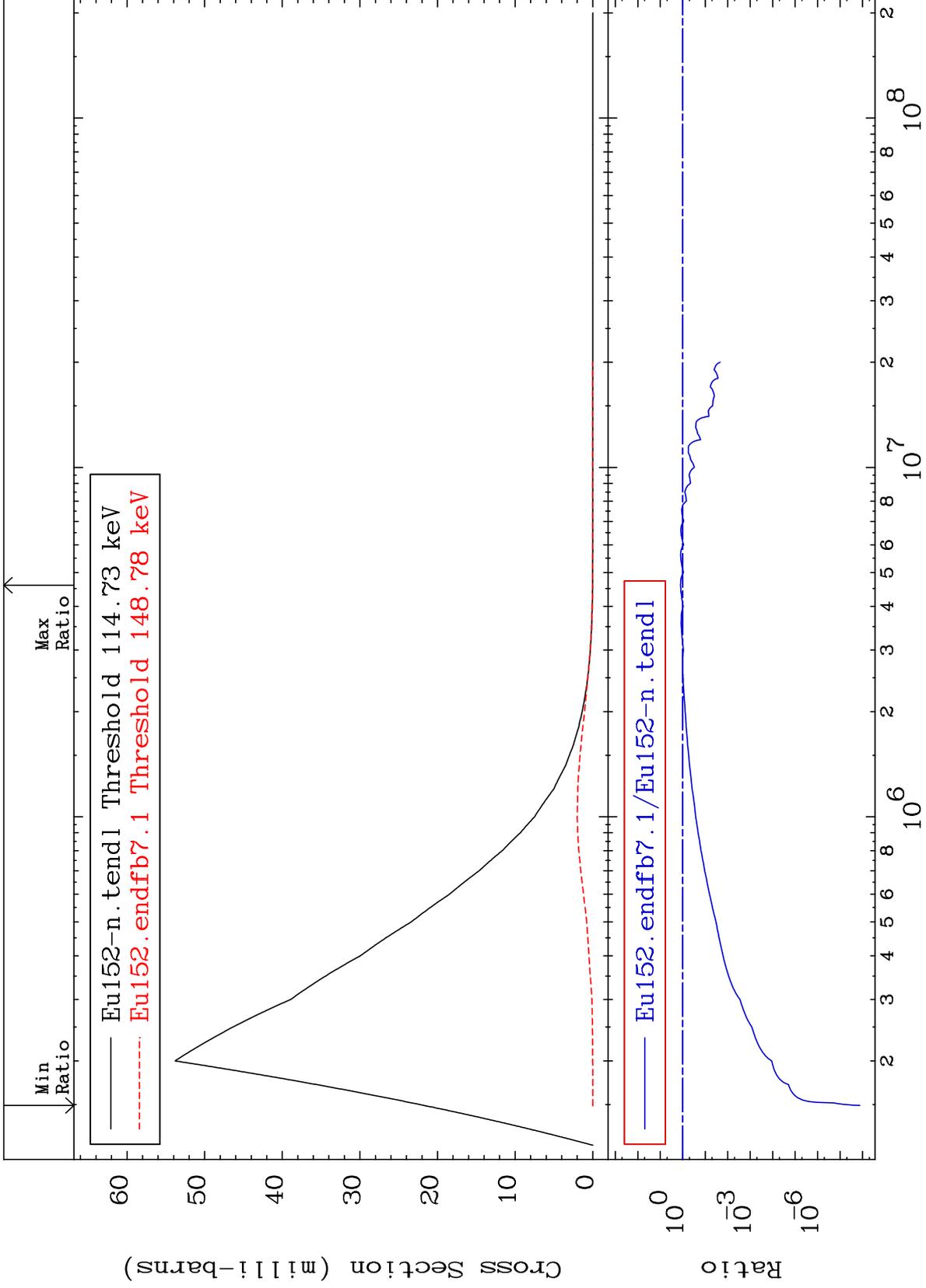
63-Eu-152
-99.30 To 243.6 %



MAT 6328

114.0 keV (n,n') Level
Cross Section

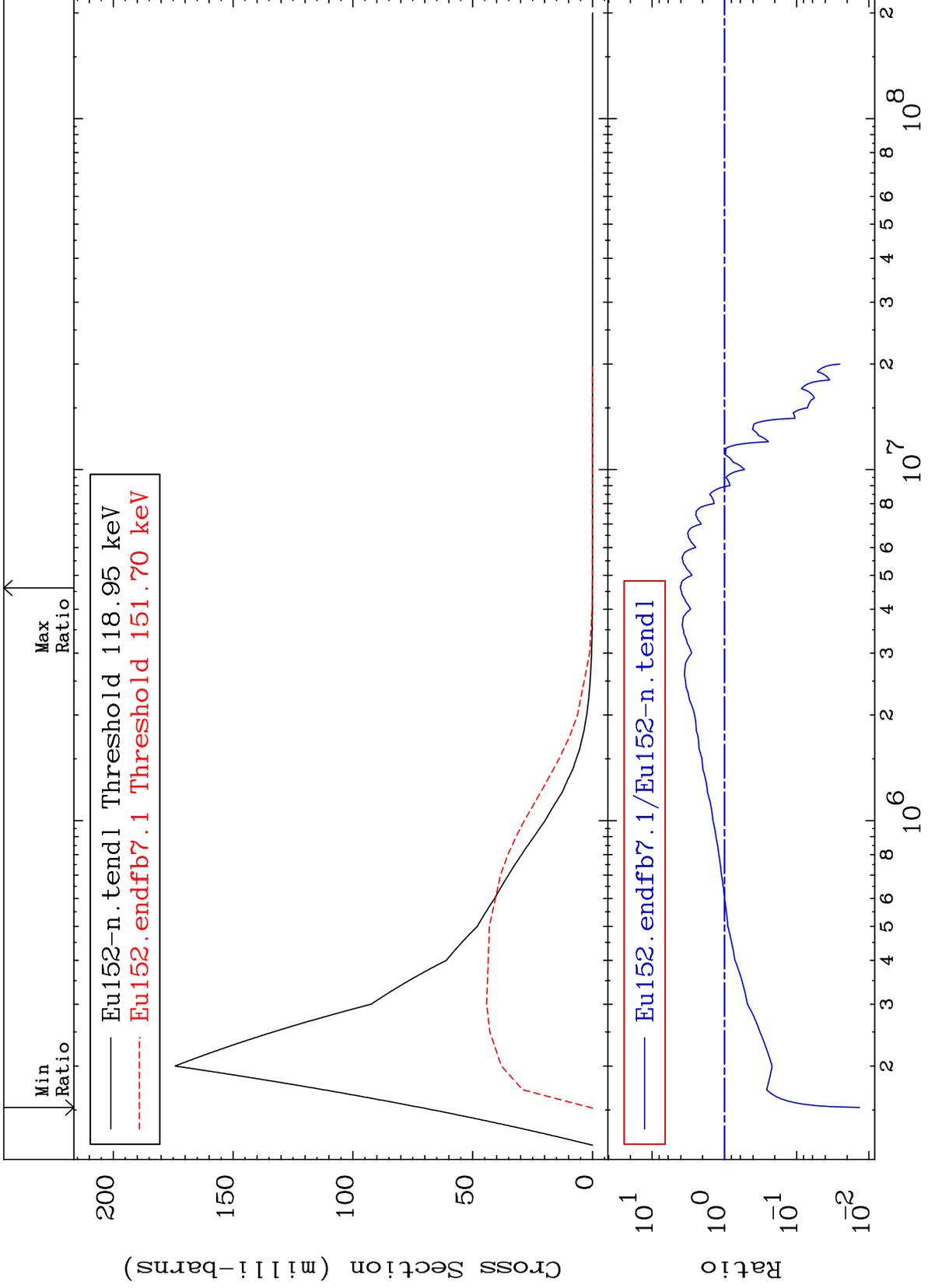
63-Eu-152
-100.0 To 25.76 %



MAT 6328

118.2 keV (n,n') Level
Cross Section

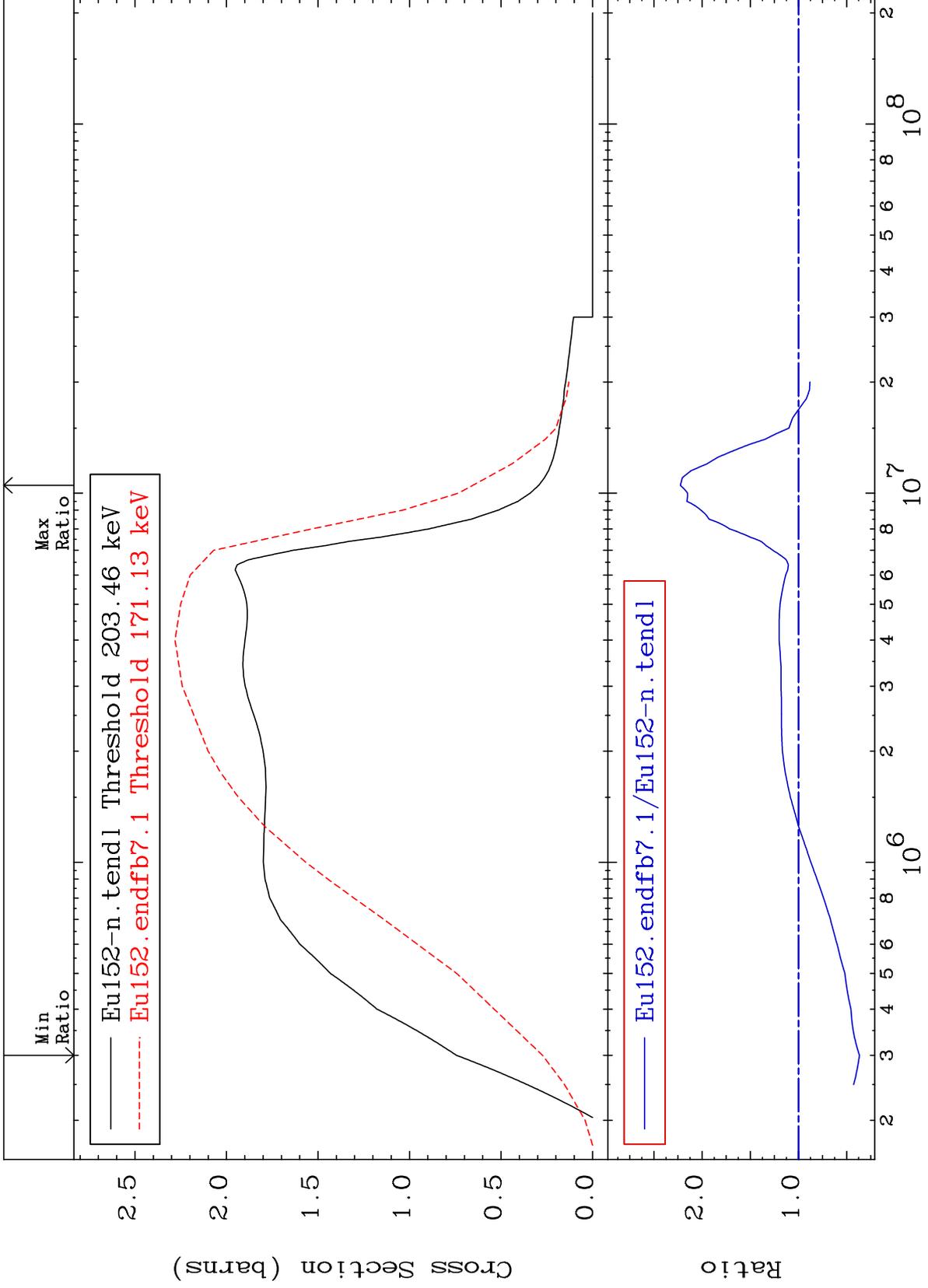
63-Eu-152
-98.65 To 307.7 %



MAT 6328

(n, n') Continuum
Cross Section

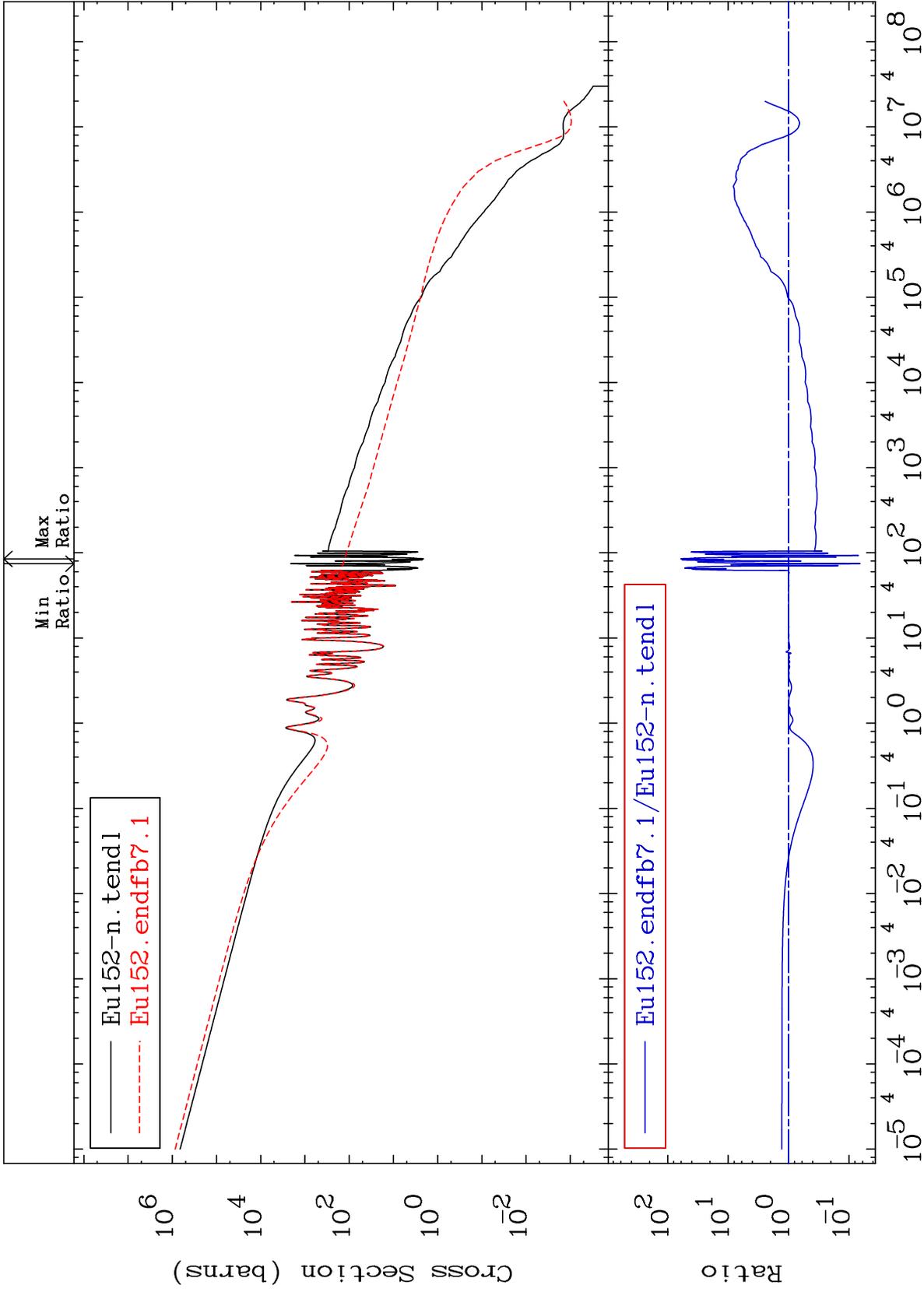
63-Eu-152
-63.28 To 122.6 %



MAT 6328

(n, γ)
Cross Section

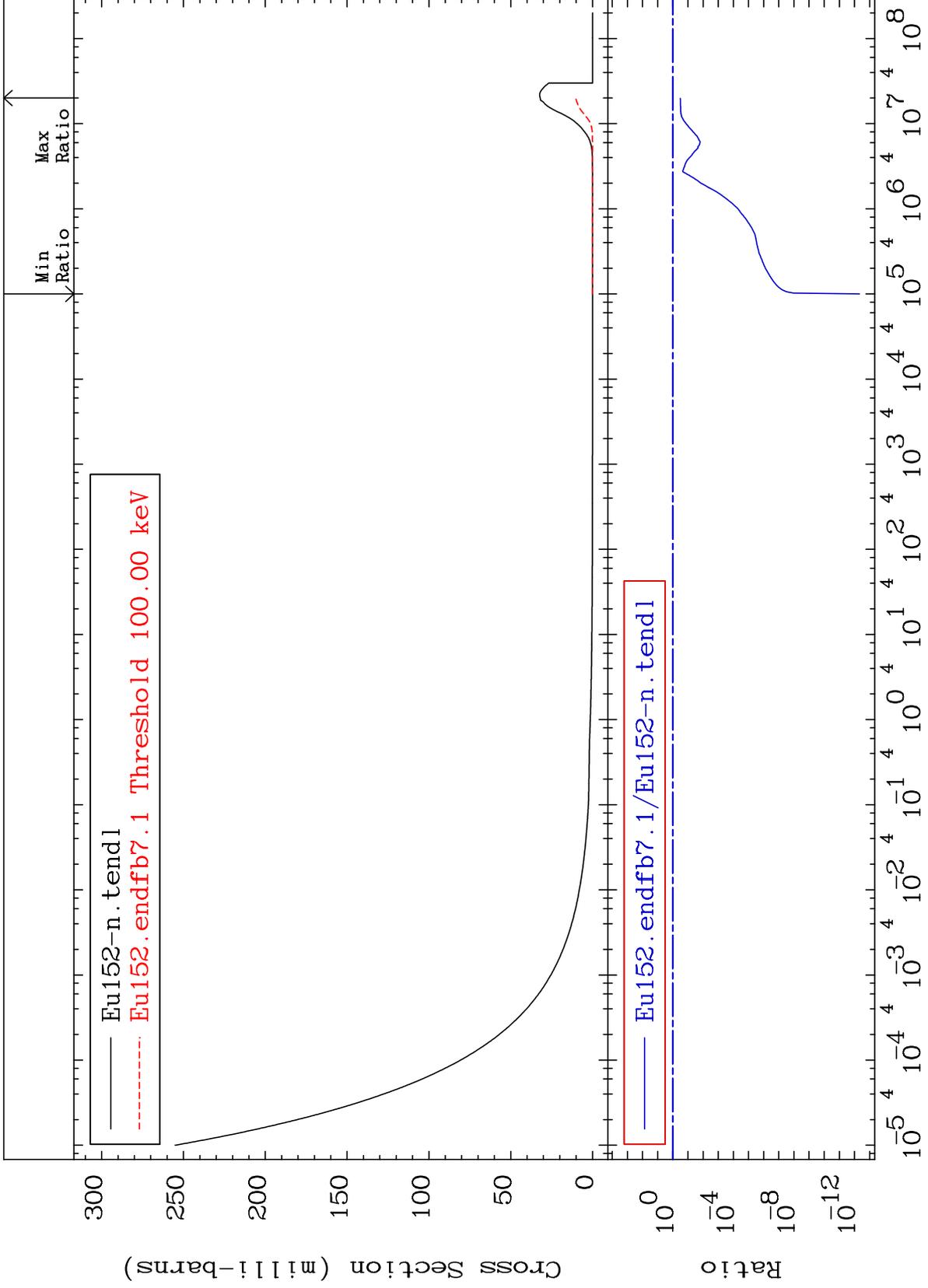
63-Eu-152
-93.43 To 5999. %



MAT 6328

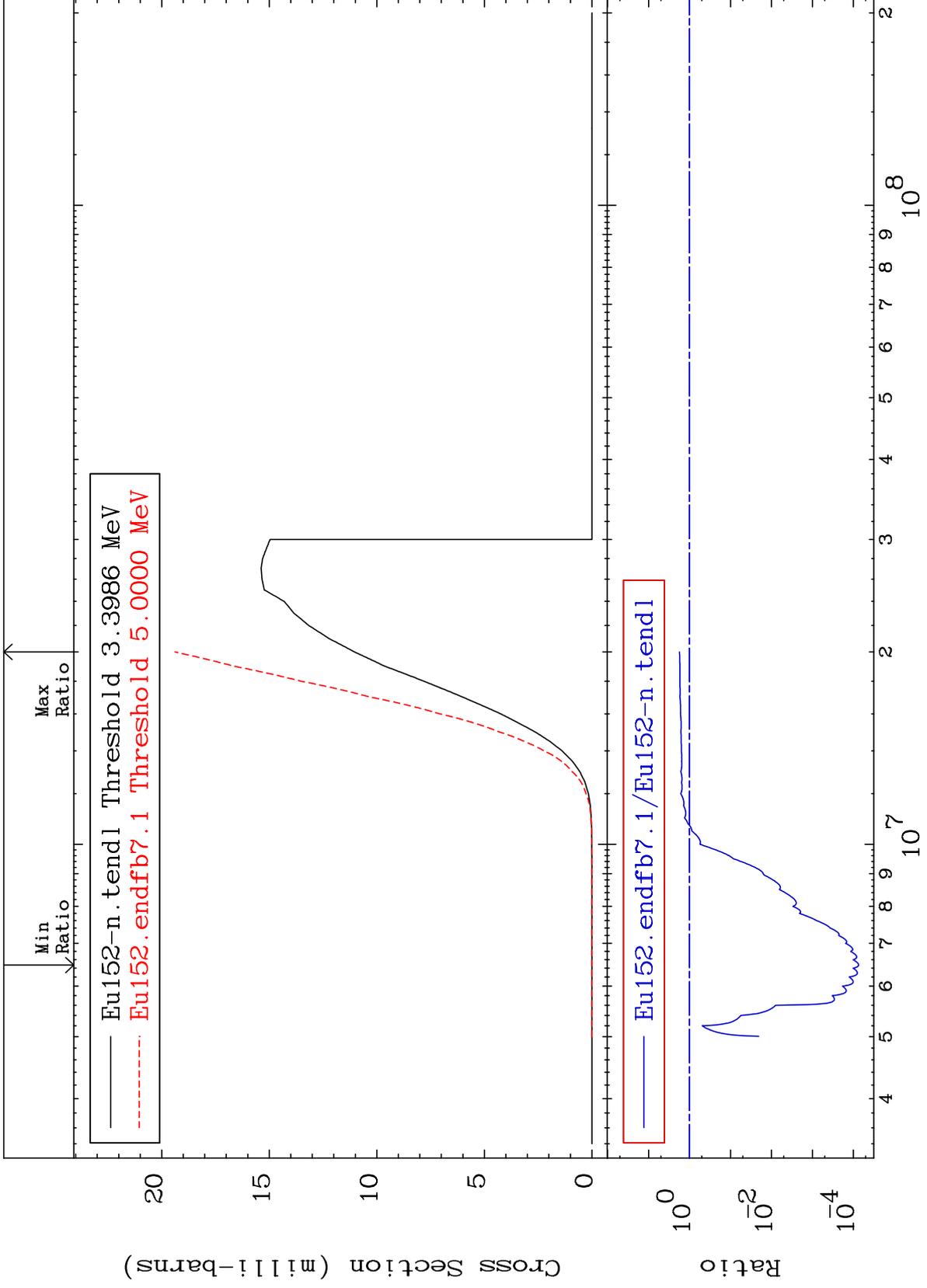
(n,p)
Cross Section

63-Eu-152
-100.0 To -67.88%



MAT 6328

(n, d) Cross Section
63-Eu-152
-99.99 To 75.71 %

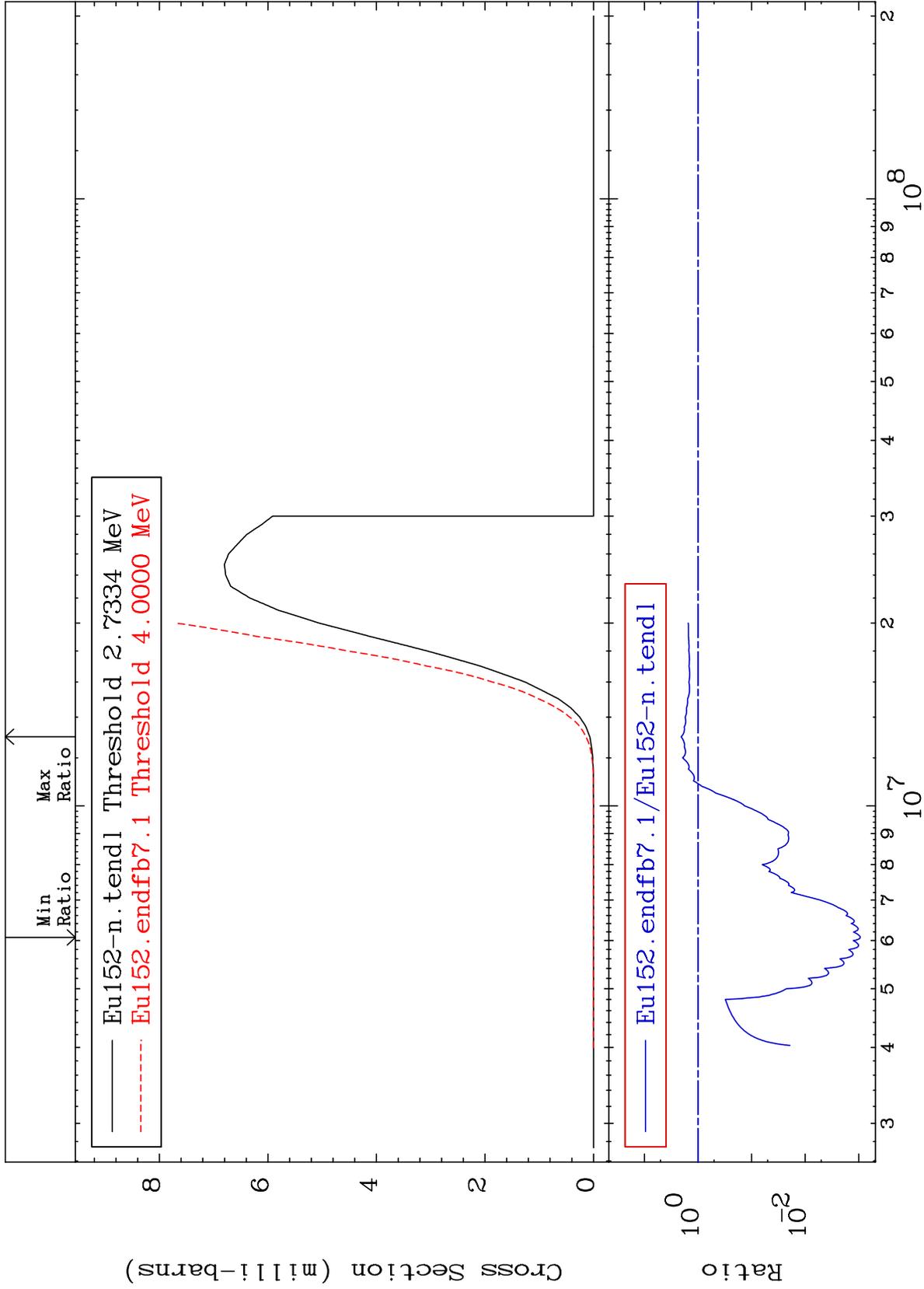


MAT 6328

63-Eu-152

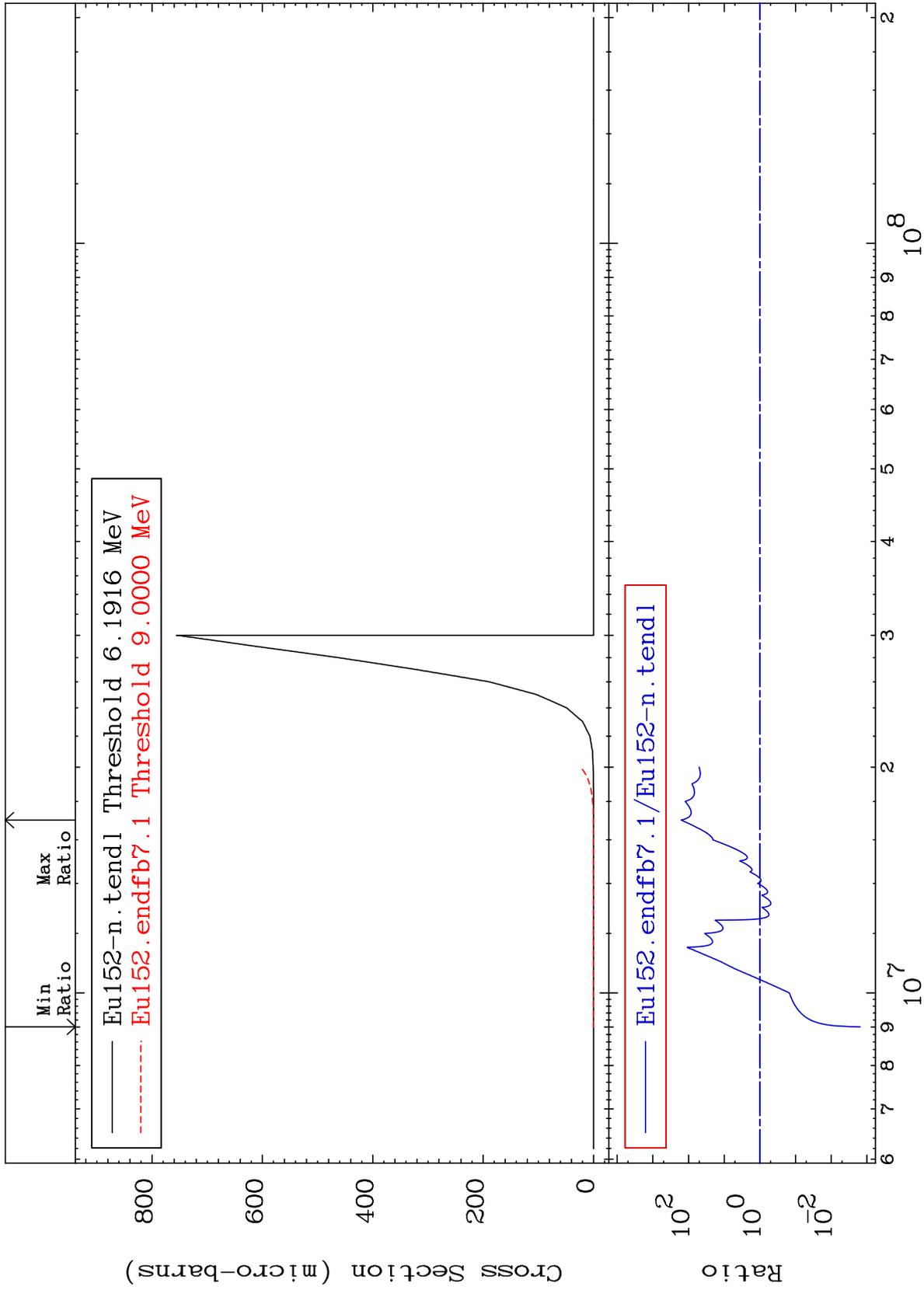
(n, t)
Cross Section

-99.91 To 106.0 %



Cross Section

-99.85 To 9999. %



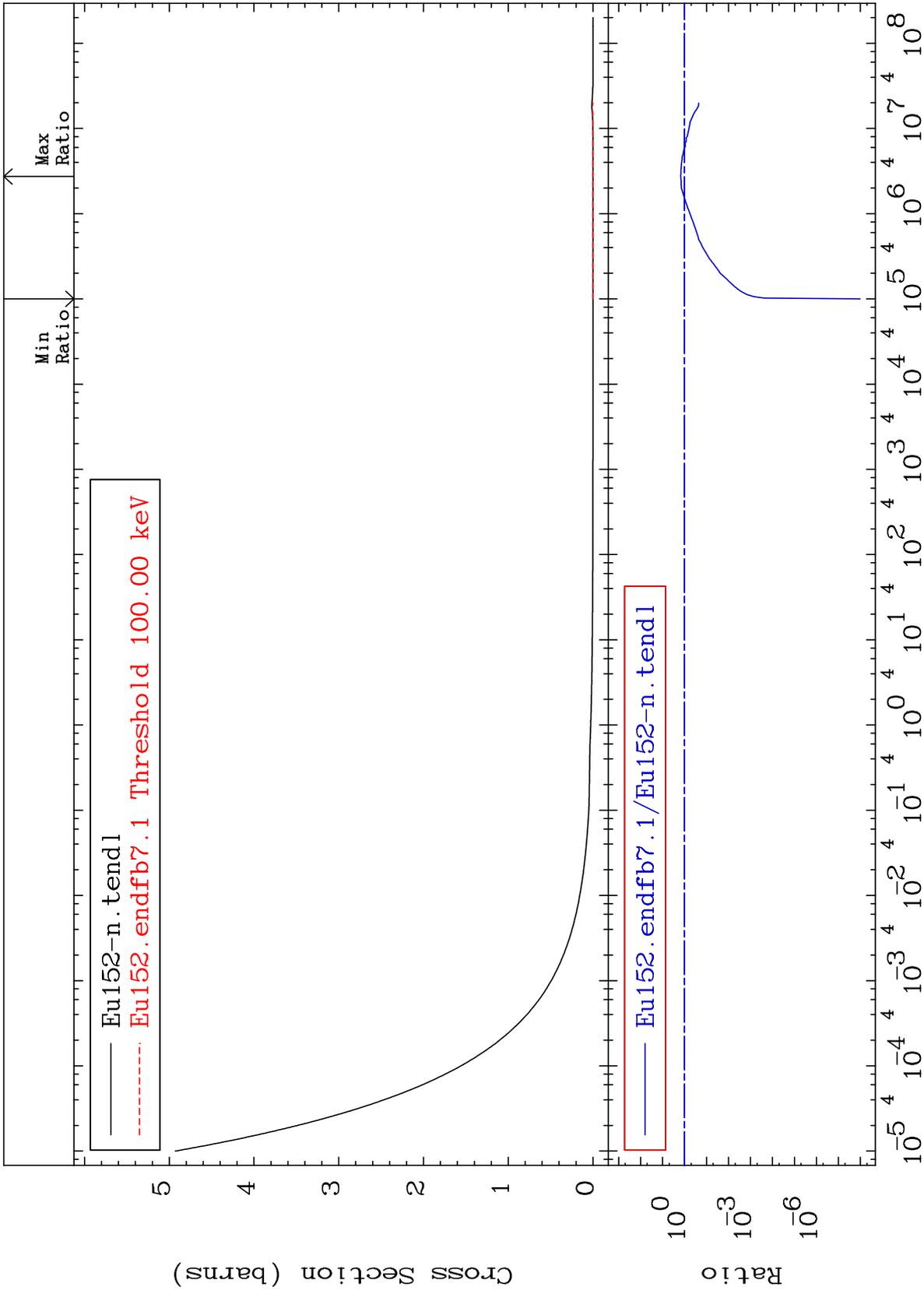
MAT 6328

(n, α)

63-Eu-152

Cross Section

-100.0 To 48.51 %



27

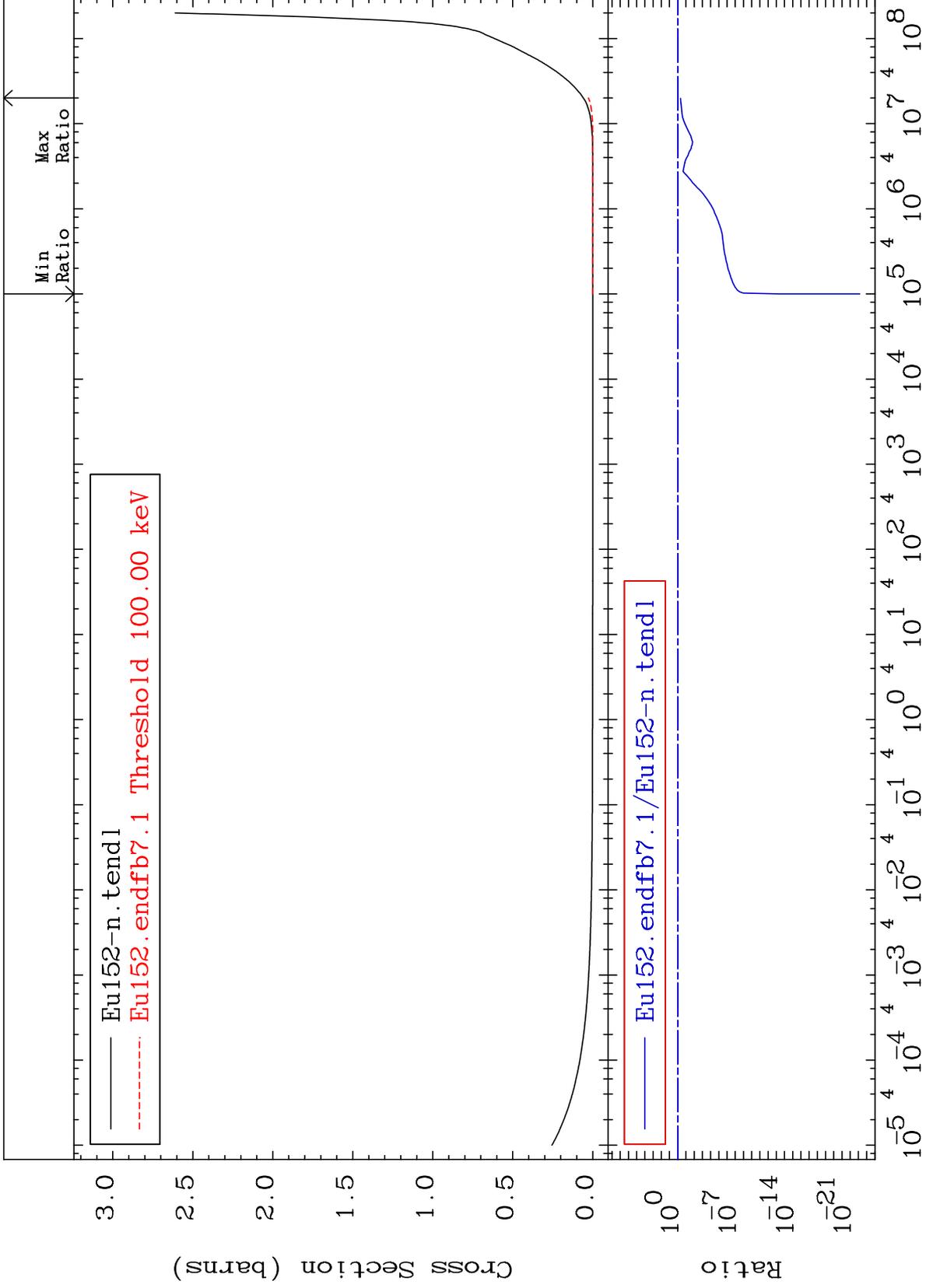
Incident Energy (eV)

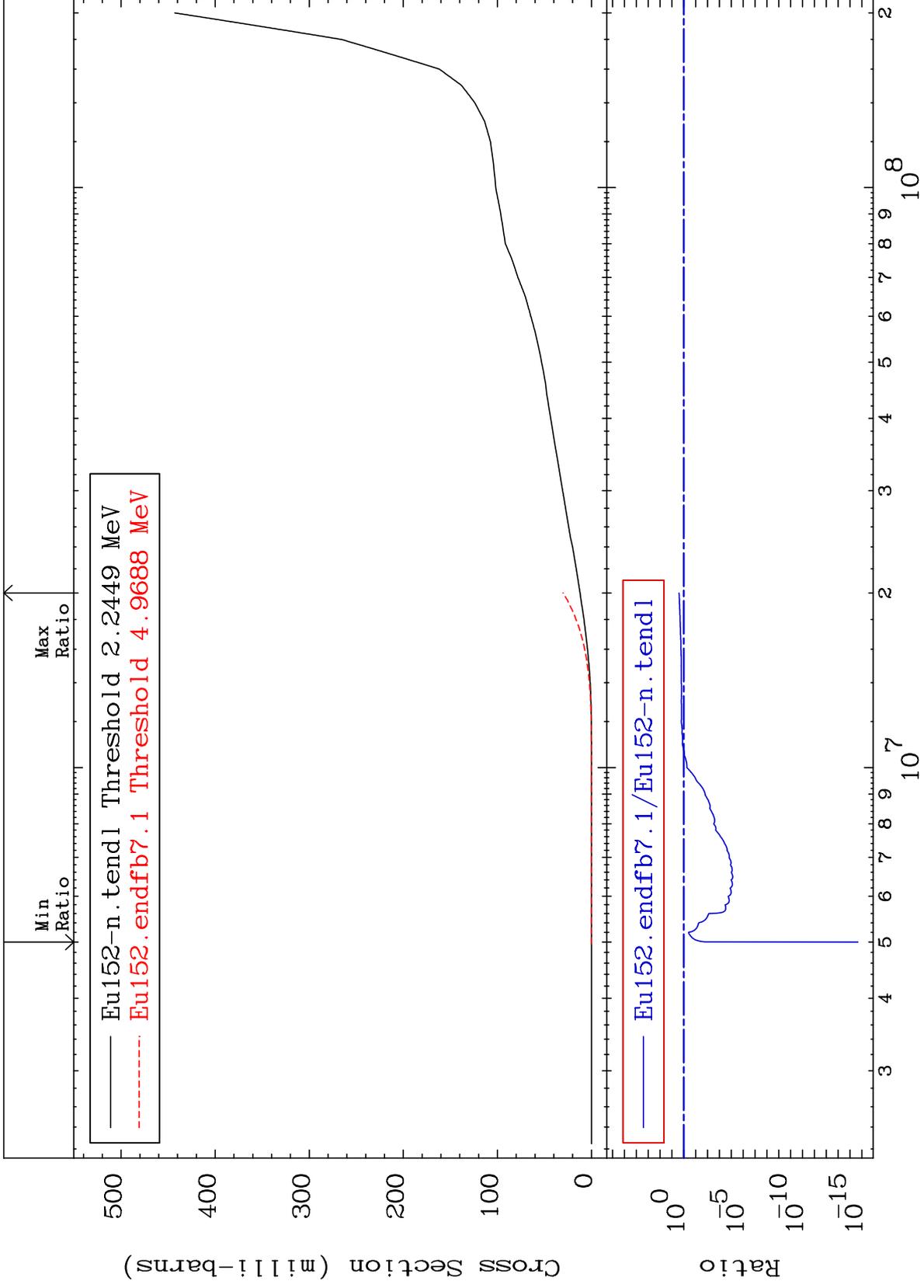
63-Eu-152

MAT 6328

Hydrogen Production Cross Section

63-Eu-152
-100.0 To -54.35%

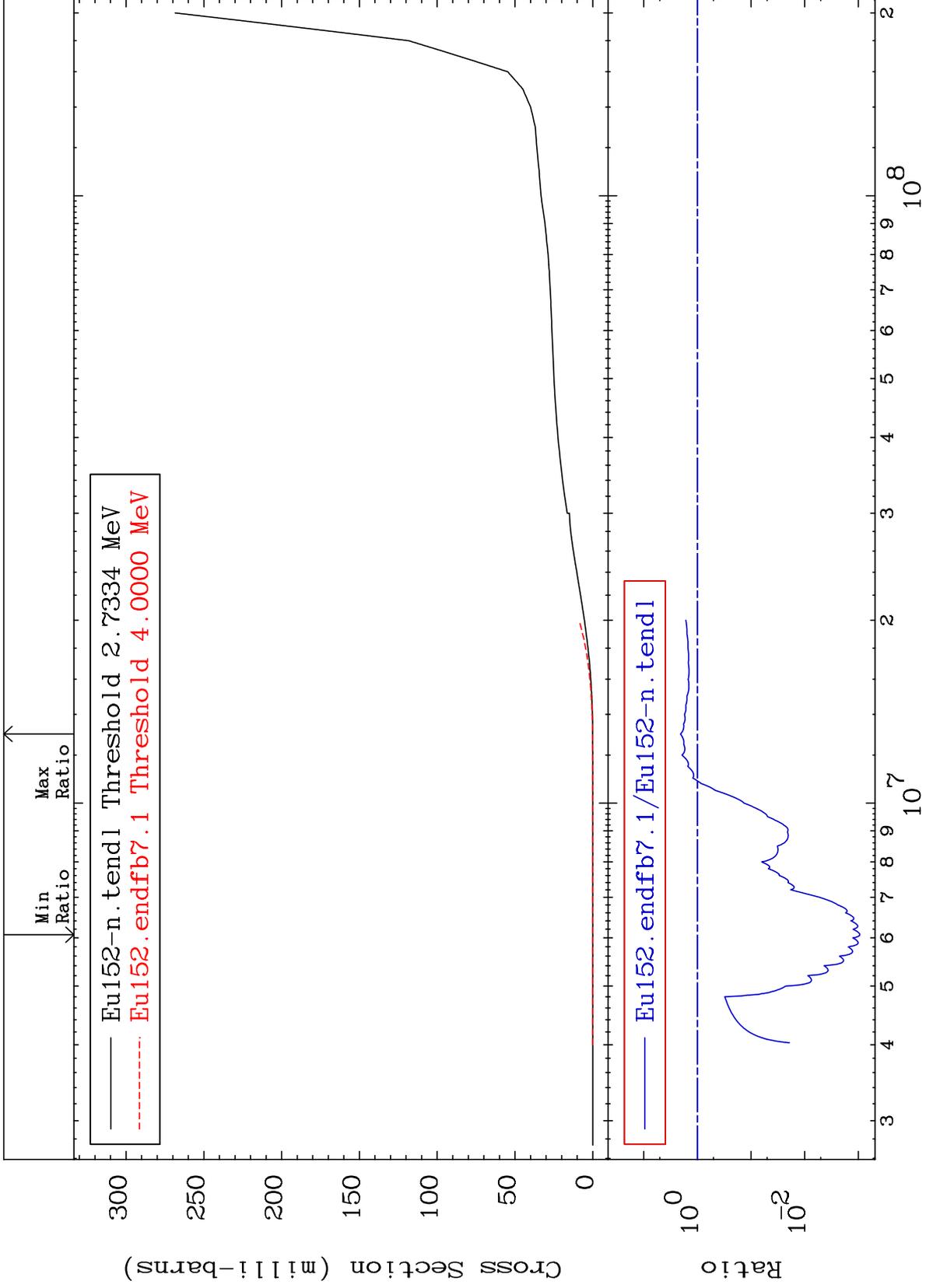




MAT 6328

Tritium Production
Cross Section

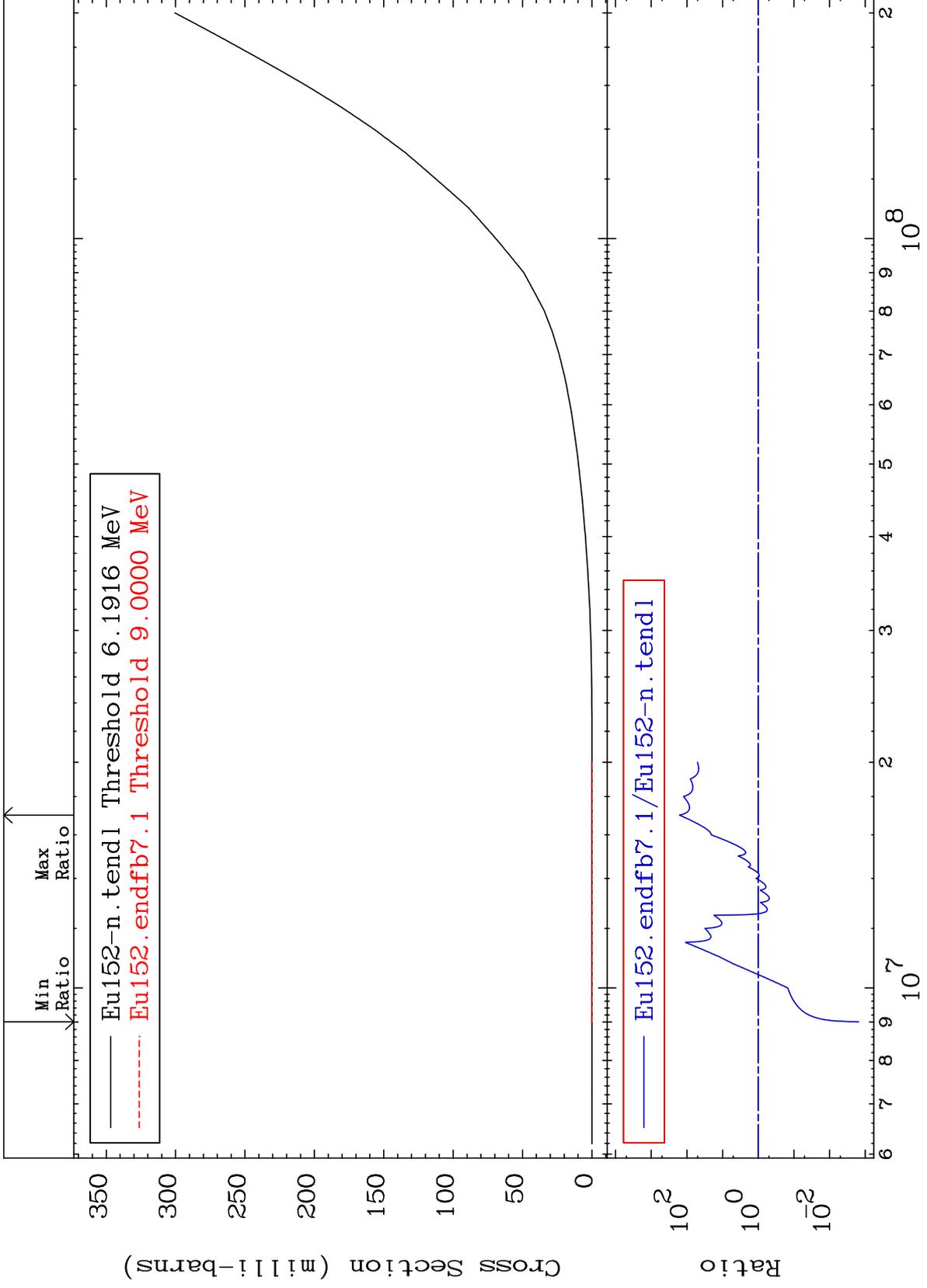
63-Eu-152
-99.91 To 106.0 %



30

Incident Energy (eV)

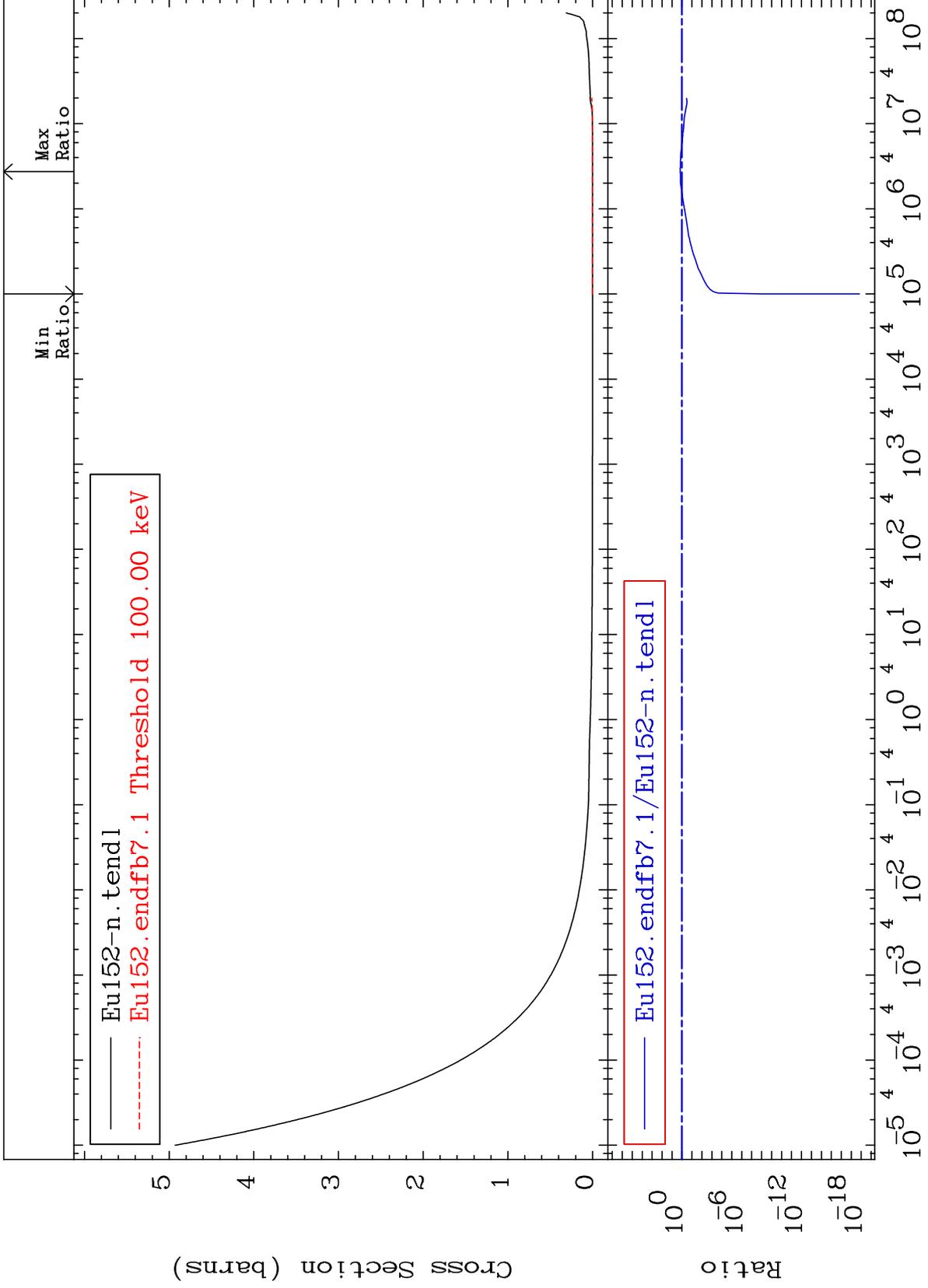
63-Eu-152



MAT 6328

He-4 Production
Cross Section

63-Eu-152
-100.0 To 48.51 %

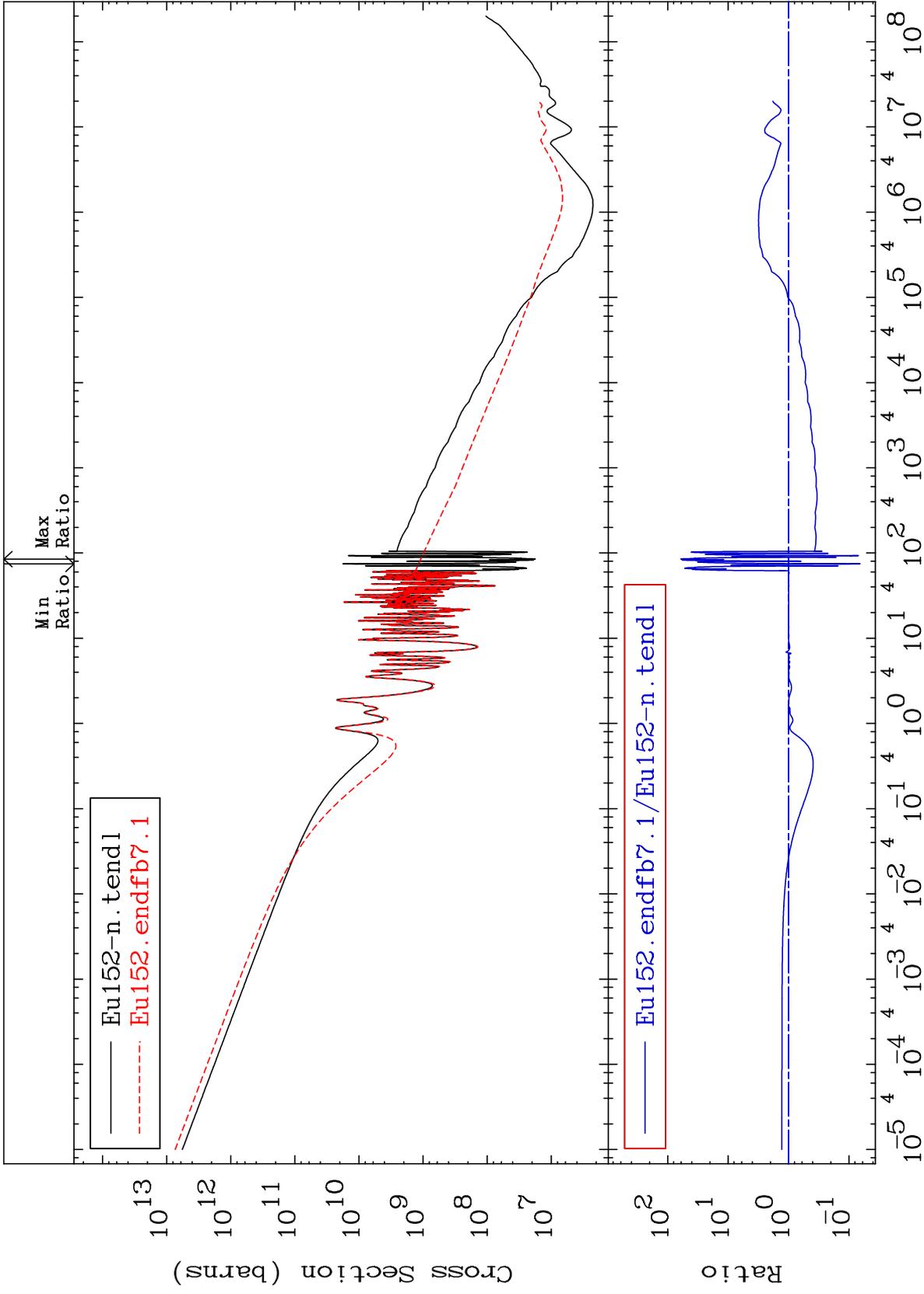


MAT 6328

Kerma total (eV-barns)

63-Eu-152

-93.43 To 5991. %



Incident Energy (eV)

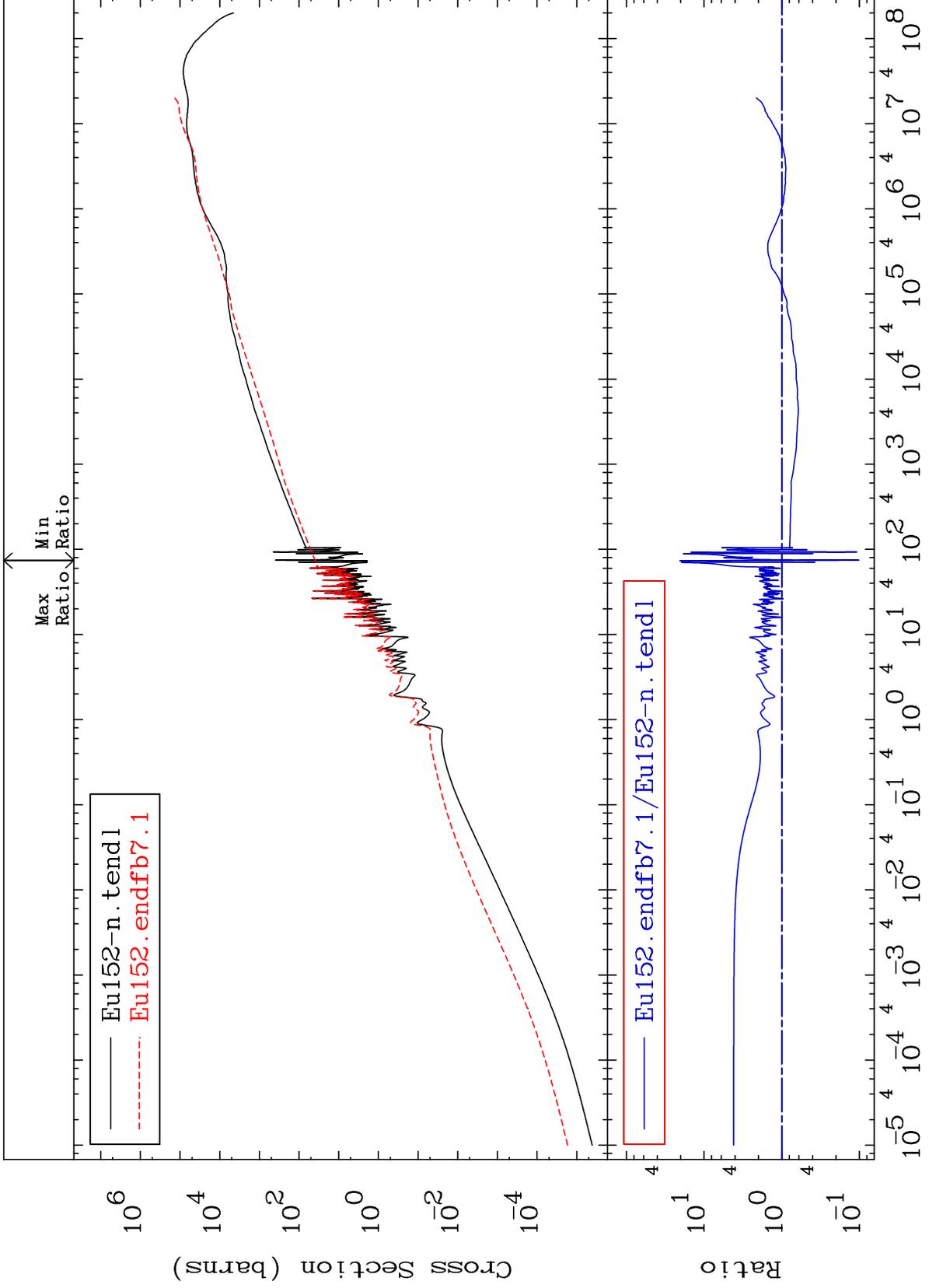
63-Eu-152

33

MAT 6328

Kerma elastic
Cross Section

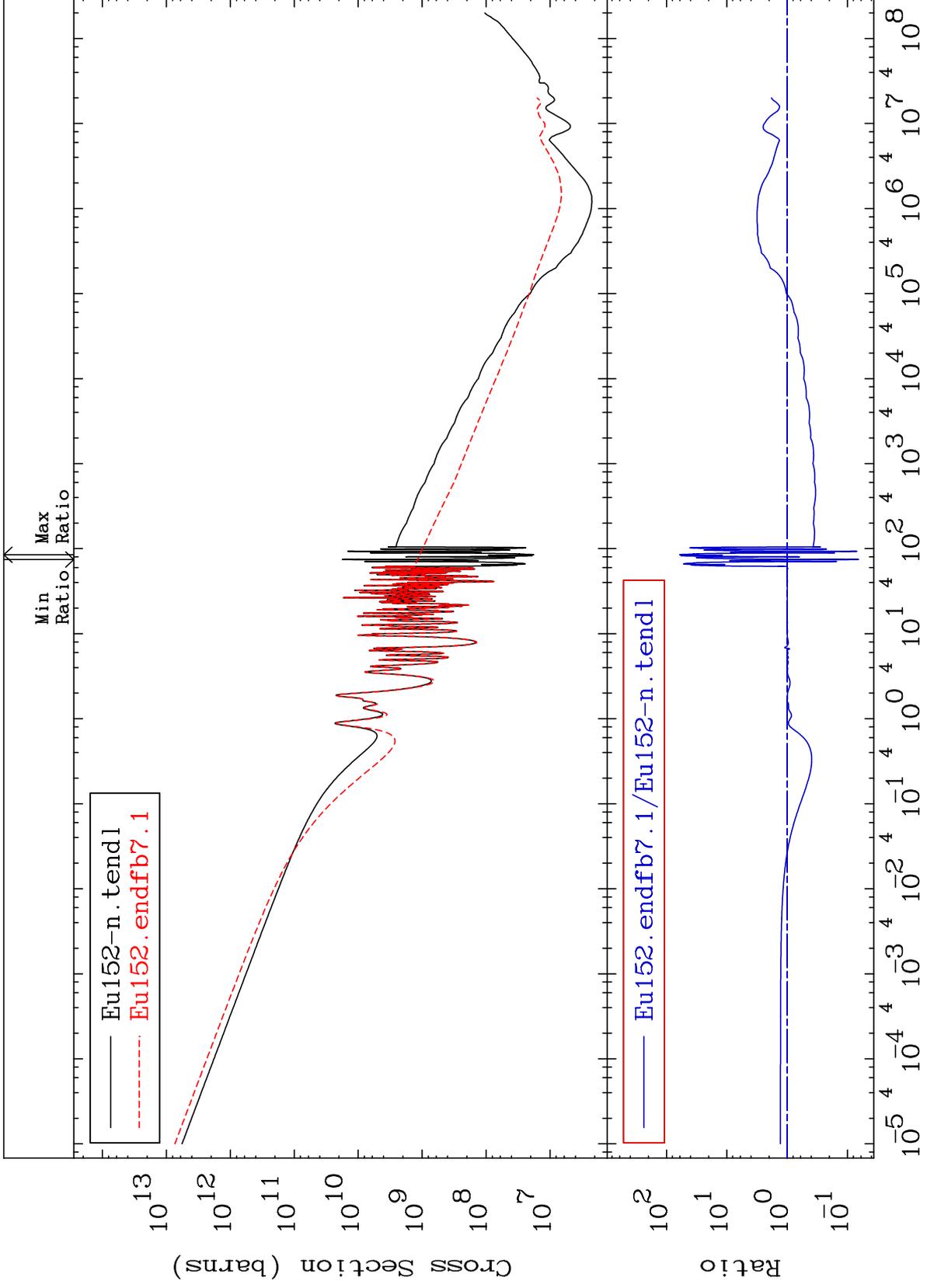
63-Eu-152
-89.87 To 1950. %



MAT 6328

Kerma non-elastic (all but mt2)
Cross Section

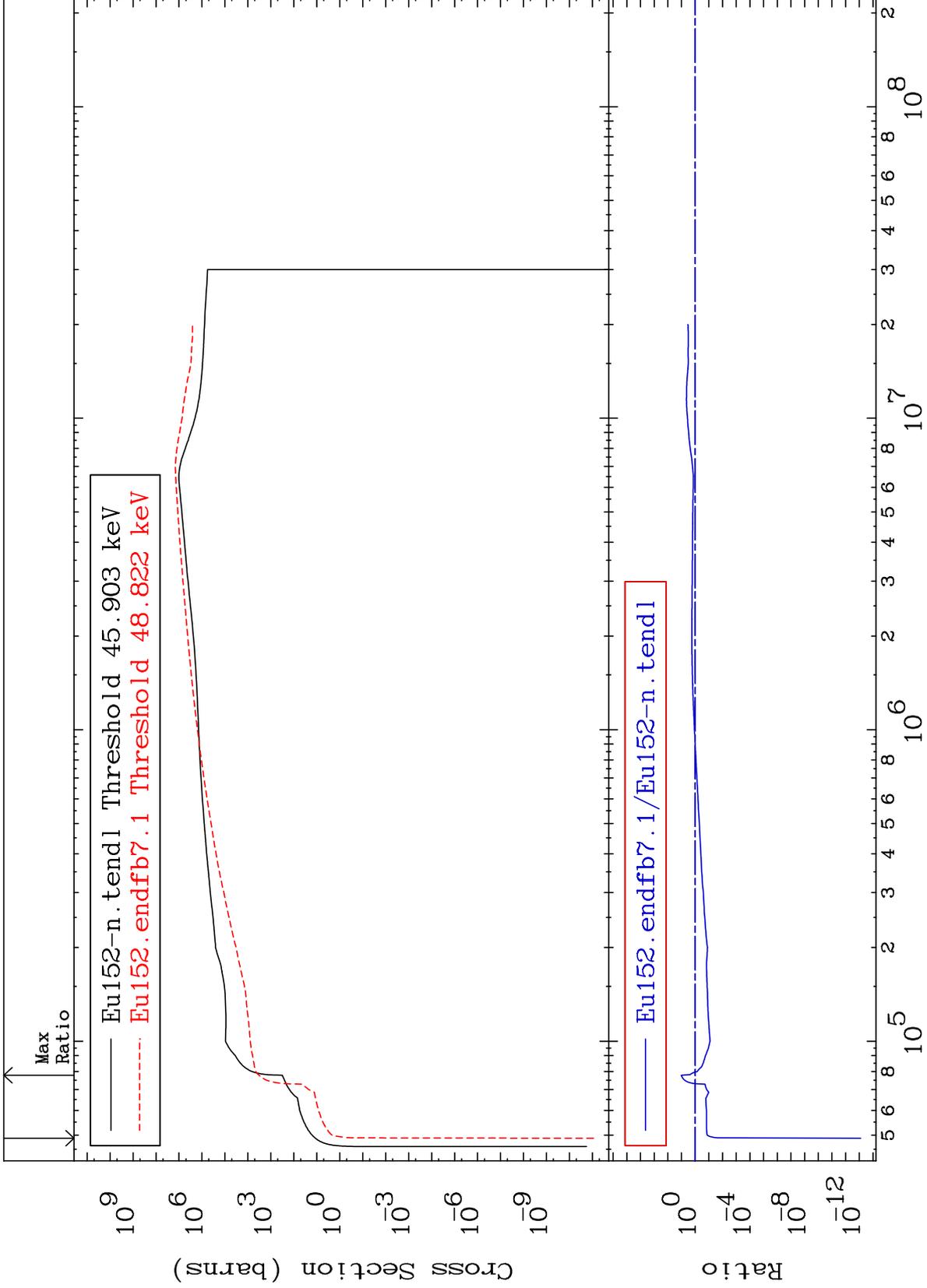
63-Eu-152
-93.43 To 5991. %



MAT 6328

Kerma inelastic (mt51-91)
Cross Section

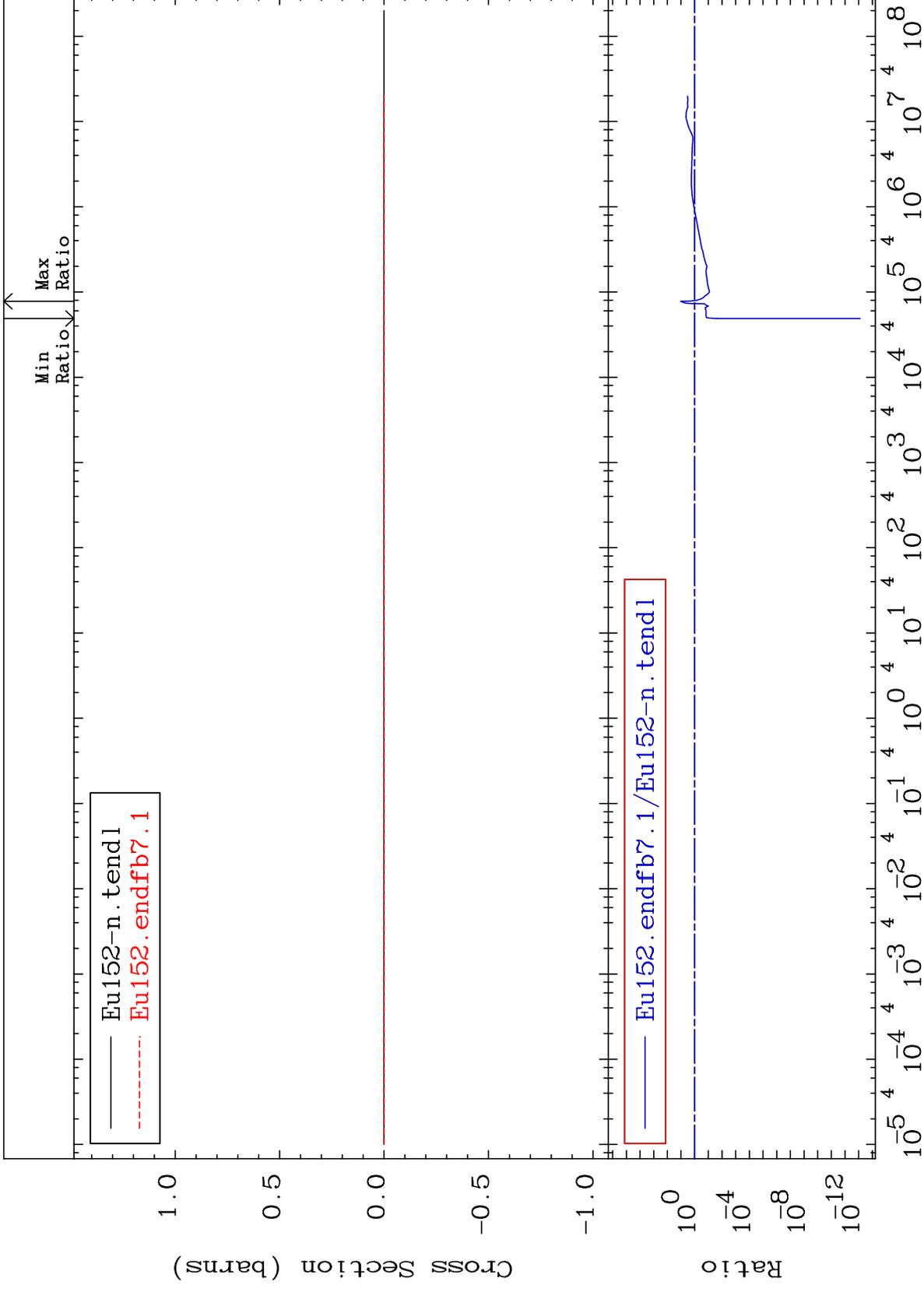
63-Eu-152
-100.0 To 945.8 %



MAT 6328

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

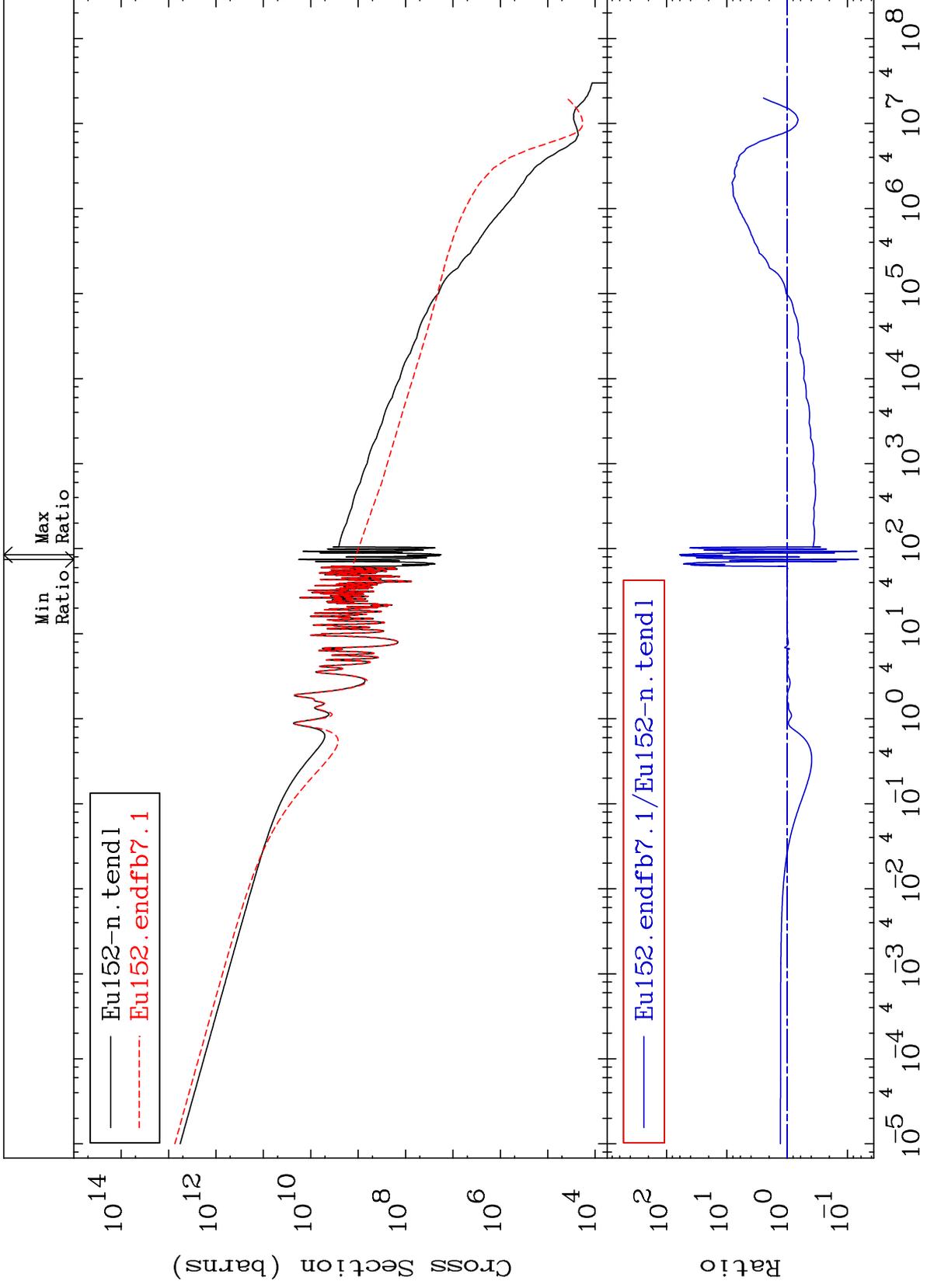
63-Eu-152
-100.0 To 945.8 %



MAT 6328

Kerma capture (mt102)
Cross Section

63-Eu-152
-93.43 To 5999. %



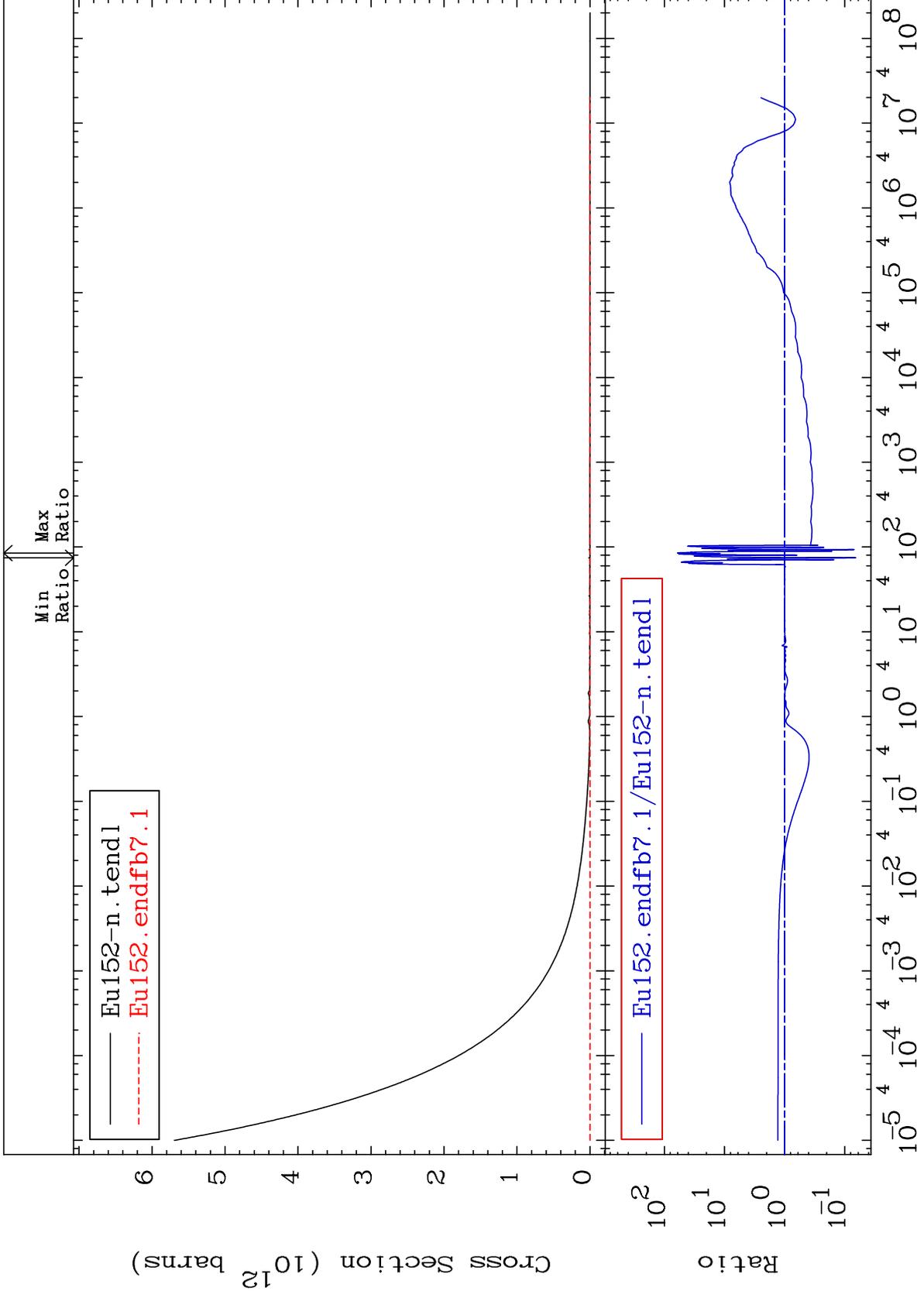
MAT 6328

Total photon (eV-barns)

63-Eu-152

Cross Section

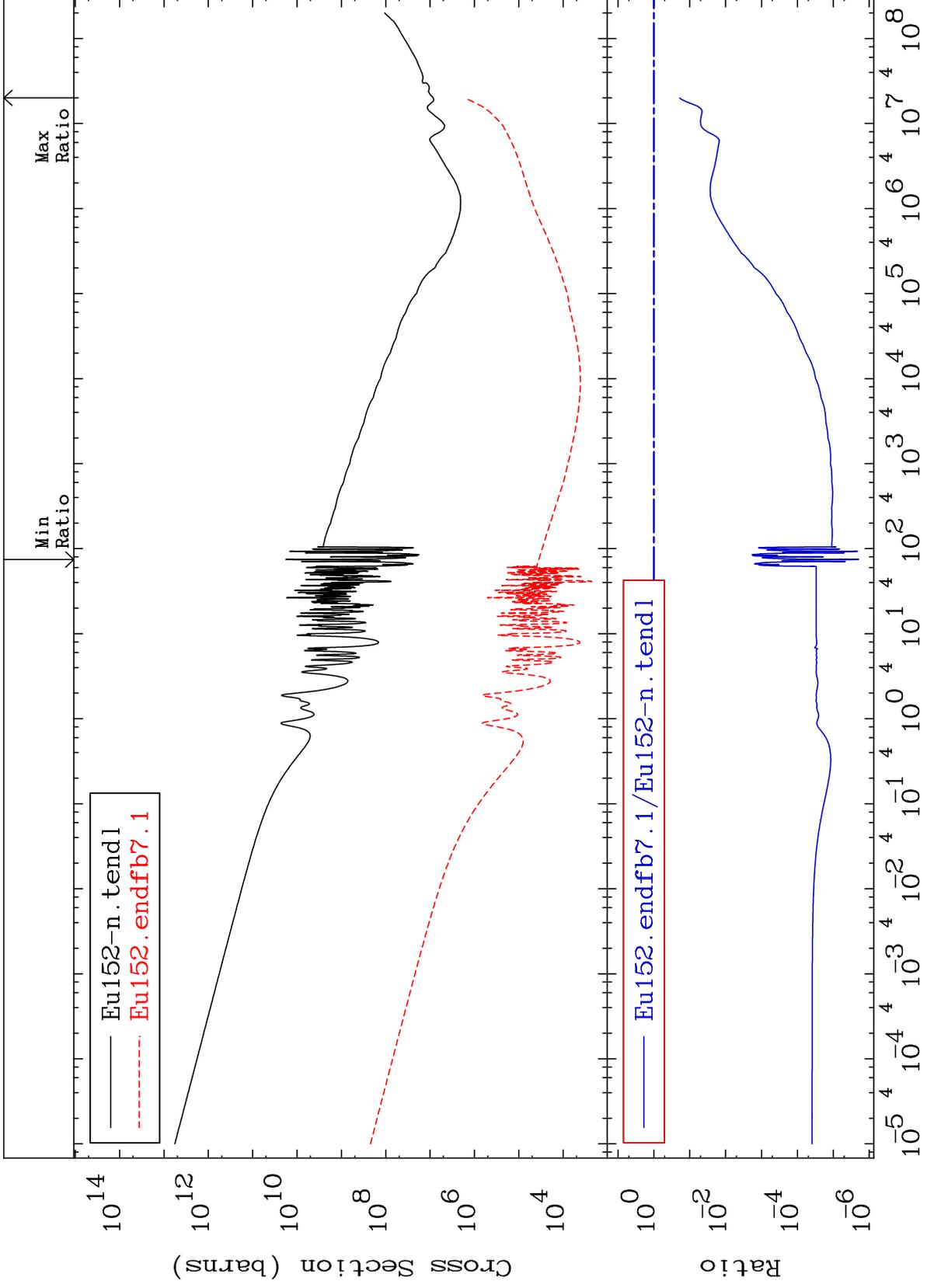
-93.43 To 5999. %



MAT 6328

Total kinematic kerma (high limit)
Cross Section

63-Eu-152
-100.0 To -80.72%



Incident Energy (eV)

63-Eu-152

40

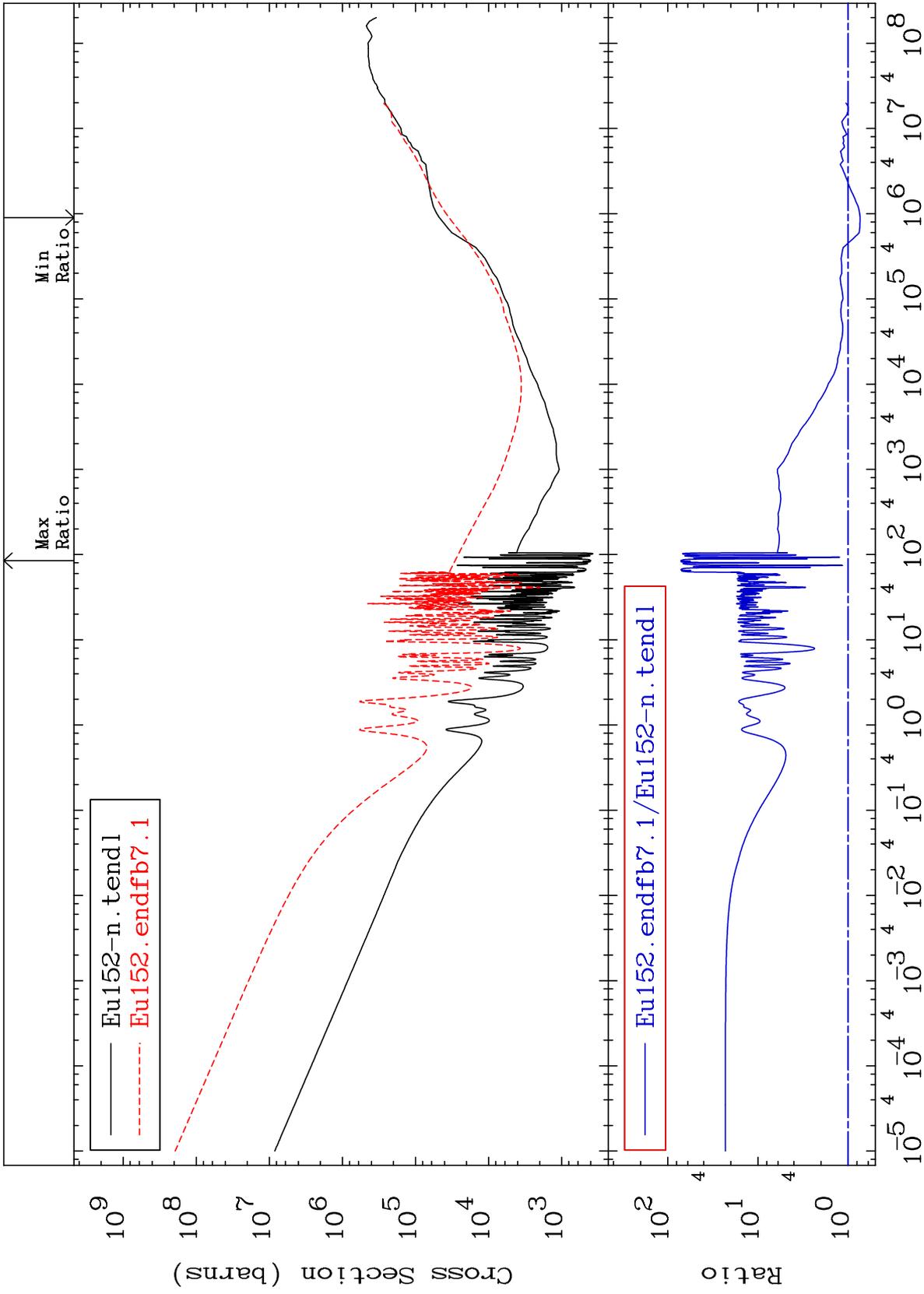
MAT 6328

Dpa total (eV-barns)

63-Eu-152

Cross Section

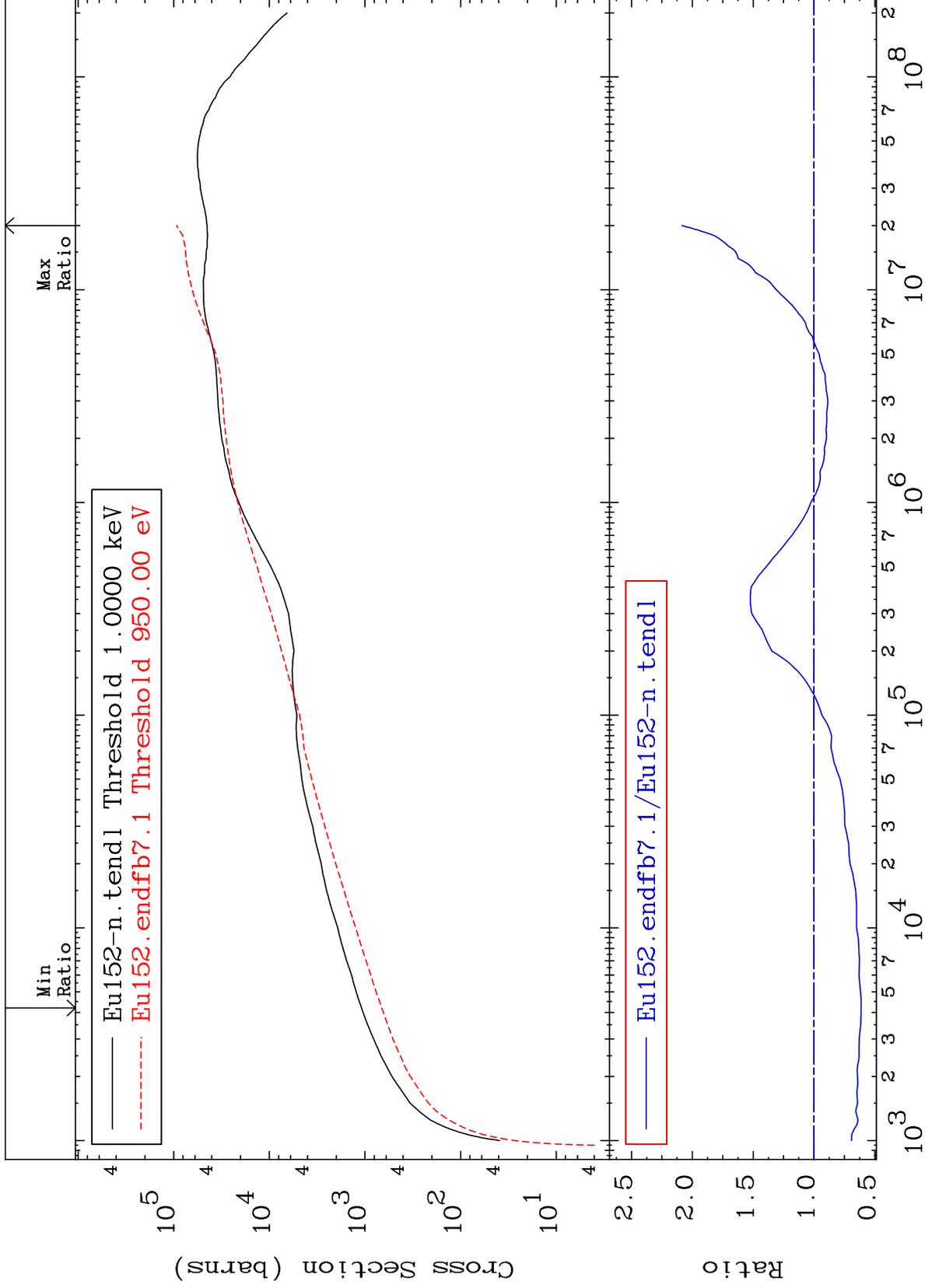
-26.10 To 7080. %



MAT 6328

Dpa elastic (mt2)
Cross Section

63-Eu-152
-38.73 To 108.6 %



42

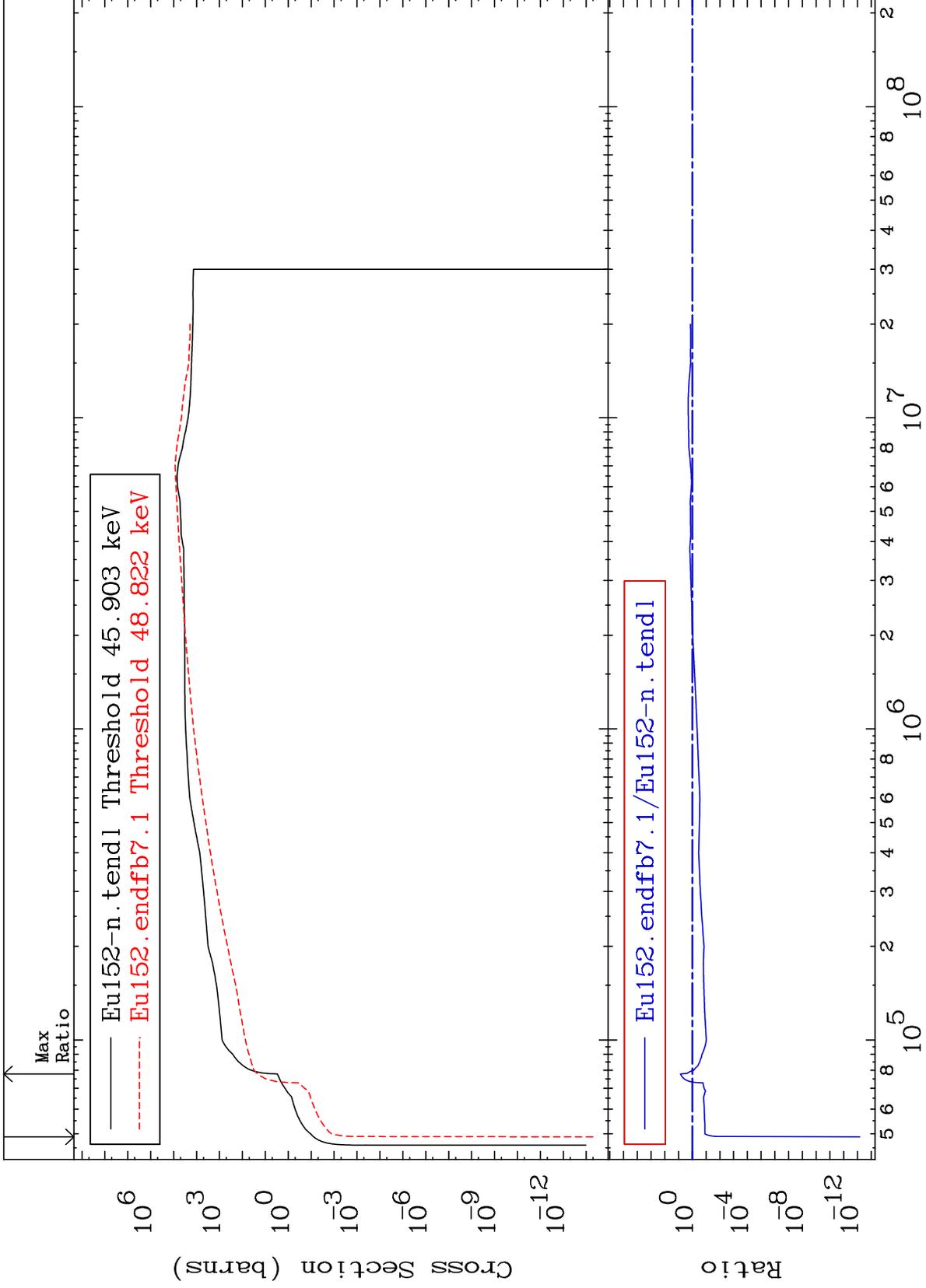
Incident Energy (eV)

63-Eu-152

MAT 6328

Dpa inelastic (mt51-91)
Cross Section

63-Eu-152
-100.0 To 618.0 %



MAT 6328

Dpa disappearance (mt102 -120)
Cross Section

63-Eu-152
-69.57 To 9999. %

