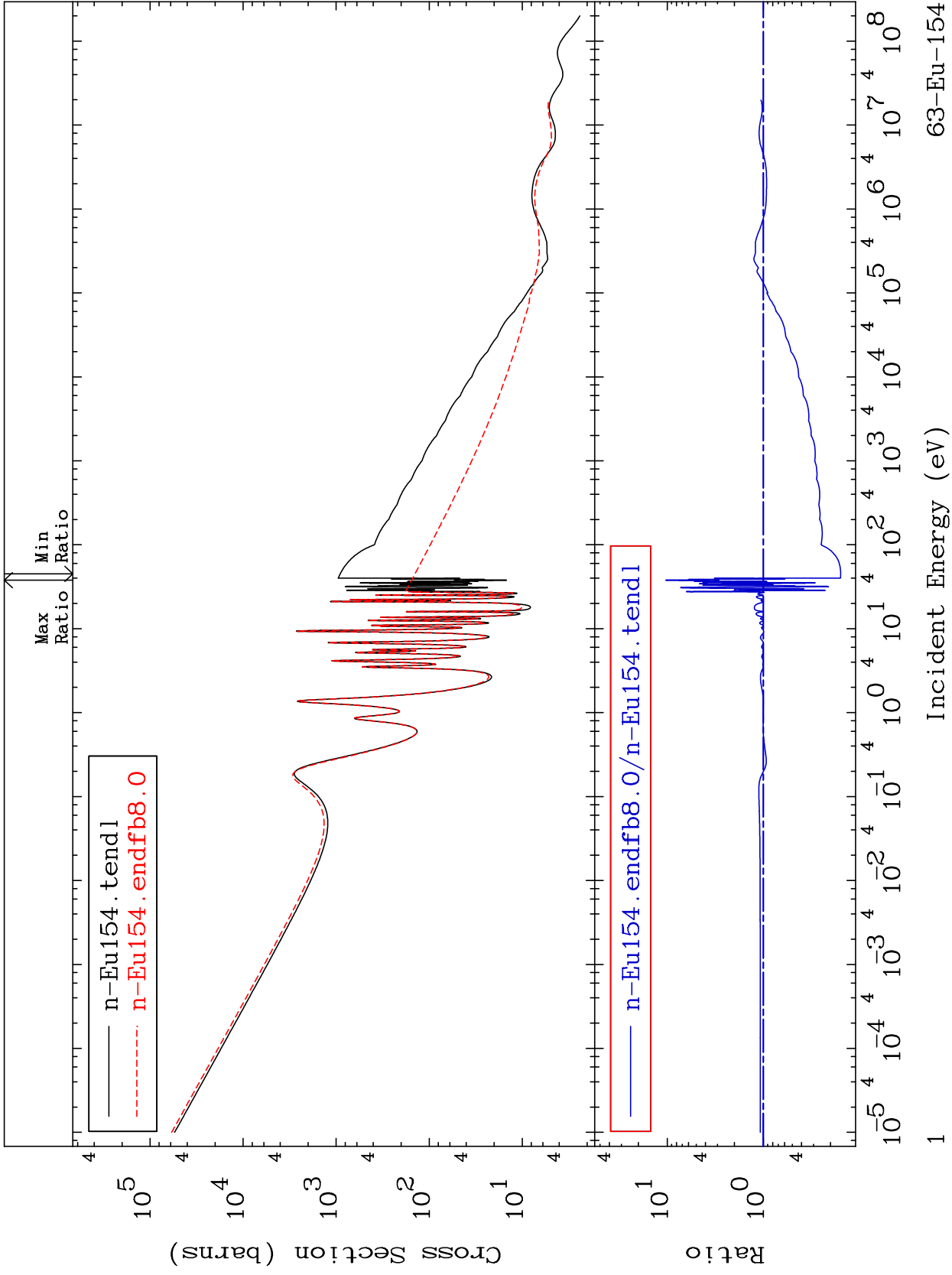


MAT 6334

Total Cross Section
63-Eu-154
-84.32 To 942.5 %

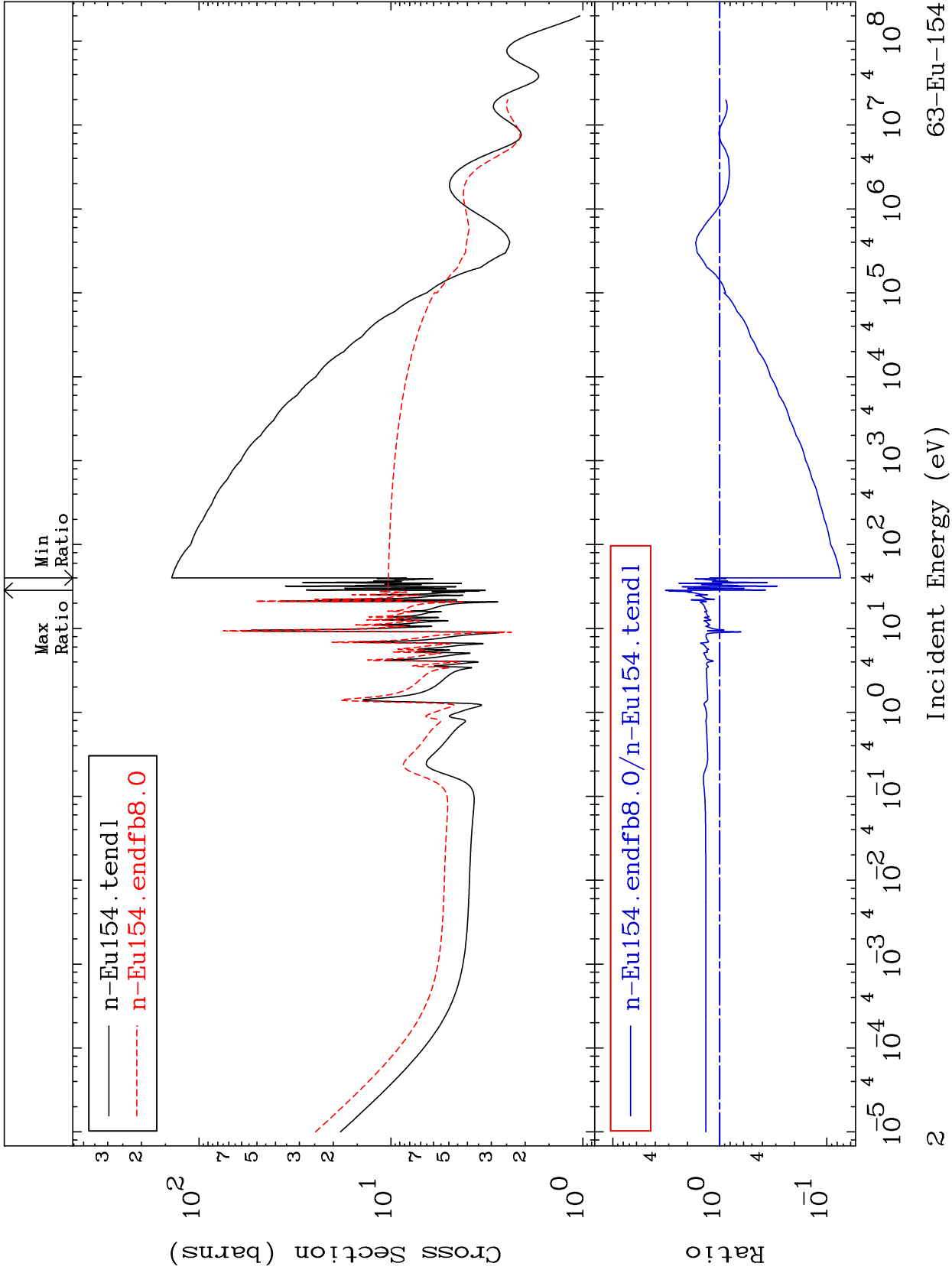


63-Eu-154

MAT 6334

Elastic
Cross Section

63-Eu-154
-92.58 To 221.6 %

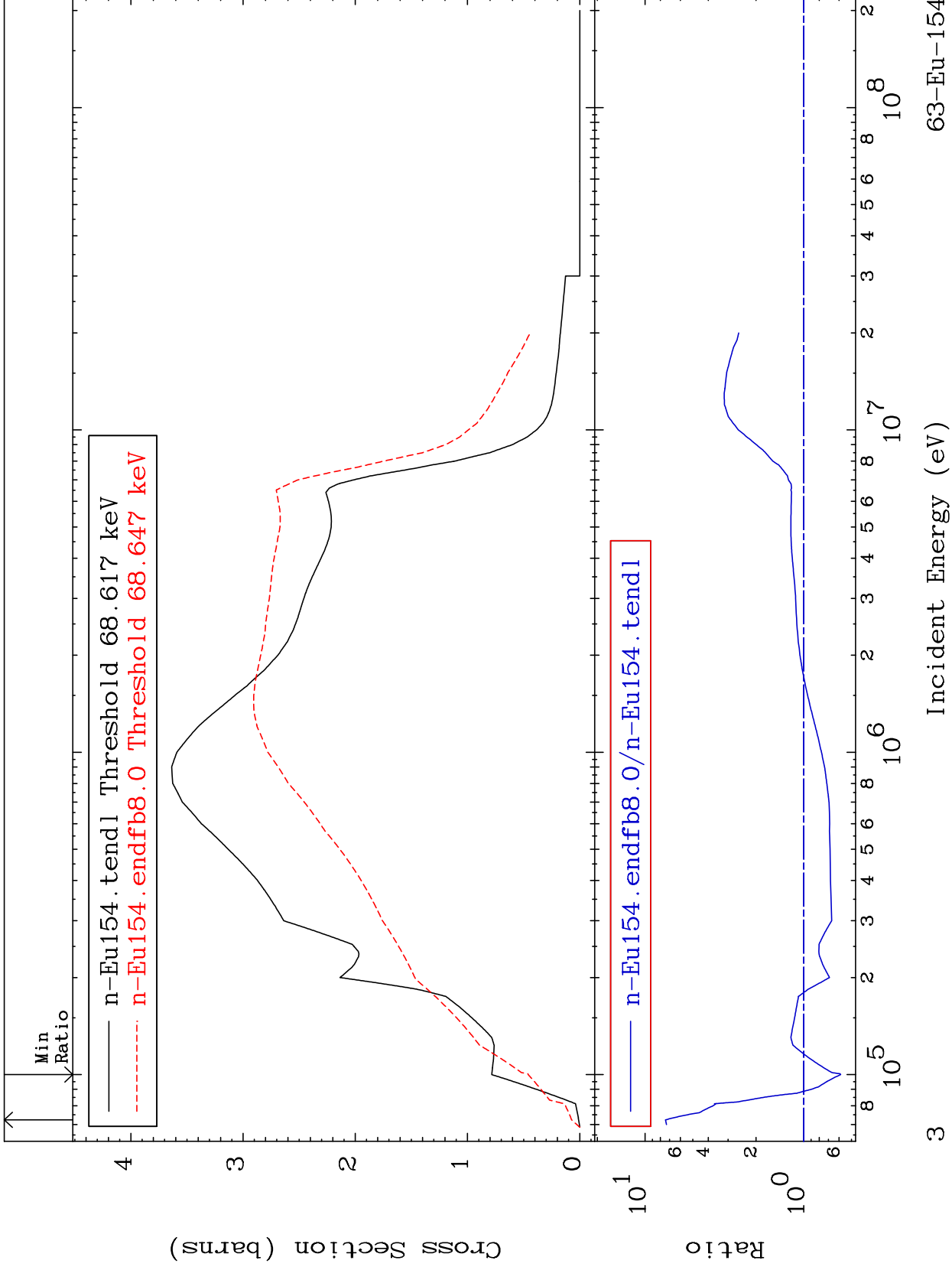


63-Eu-154

MAT 6334

Inelastic
Cross Section

63-Eu-154
-41.45 To 643.2 %



3

Incident Energy (eV)

63-Eu-154

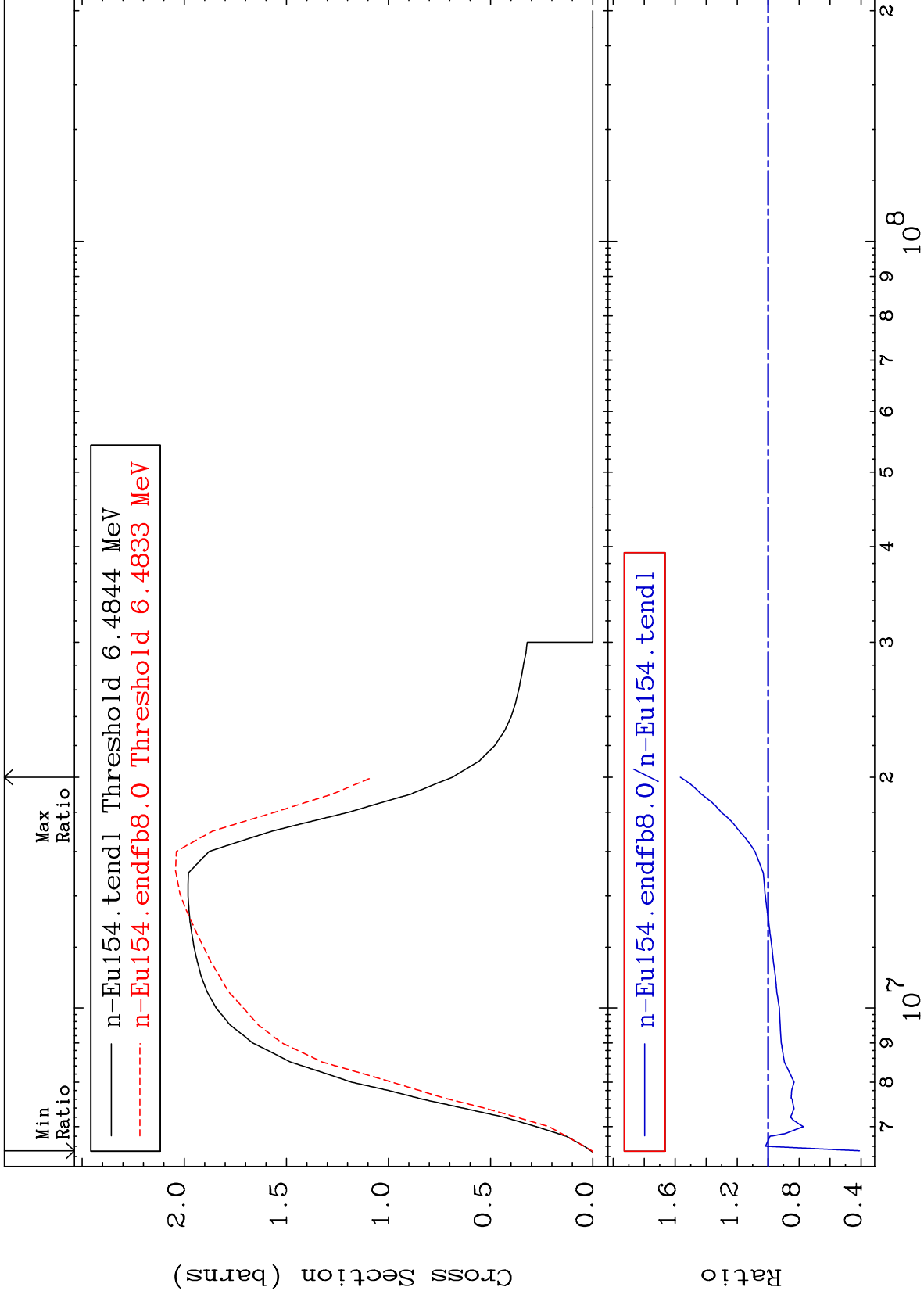
MAT 6334

(n,2n)

63-Eu-154

Cross Section

-58.96 To 56.66 %



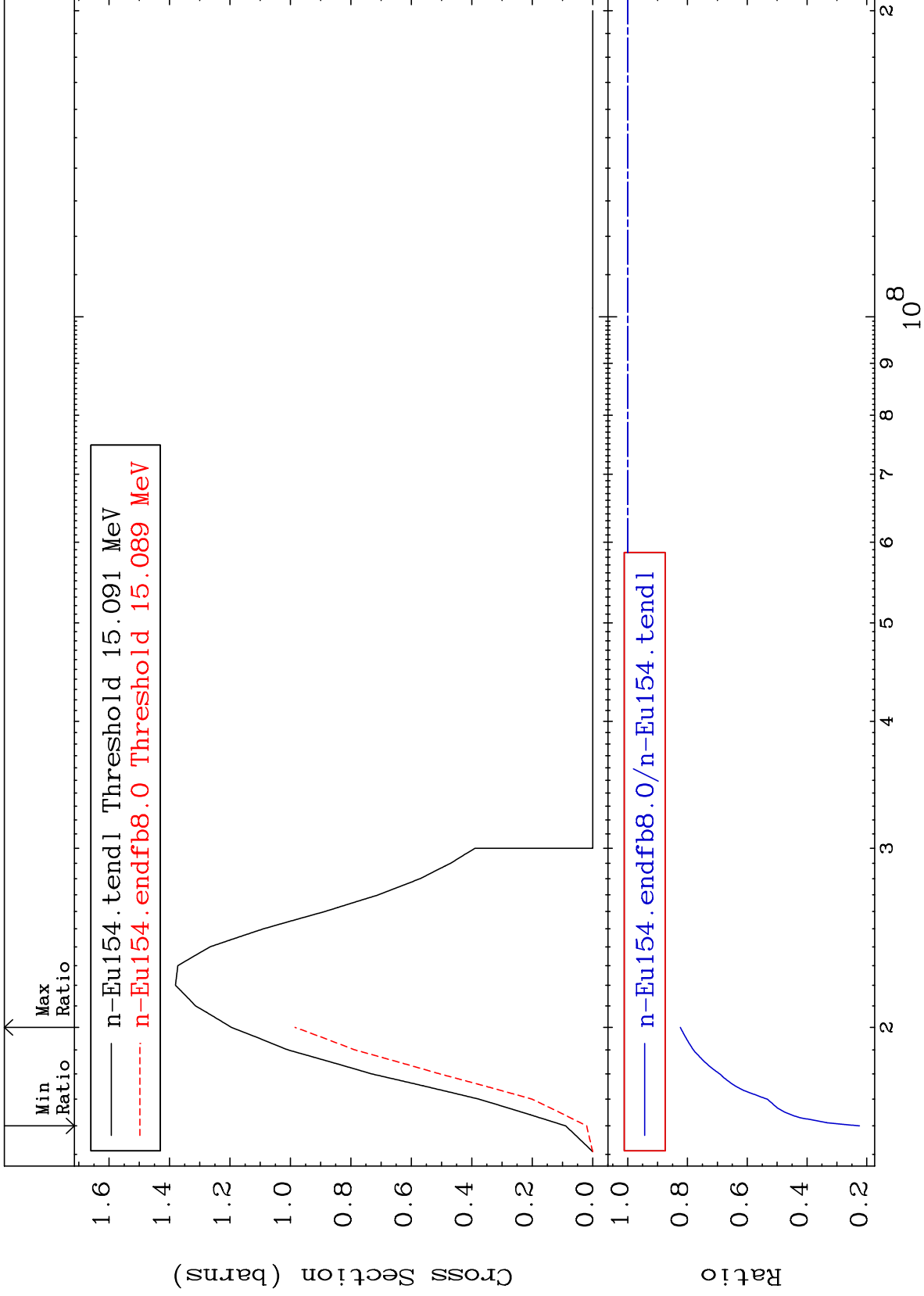
4

Incident Energy (eV)

63-Eu-154

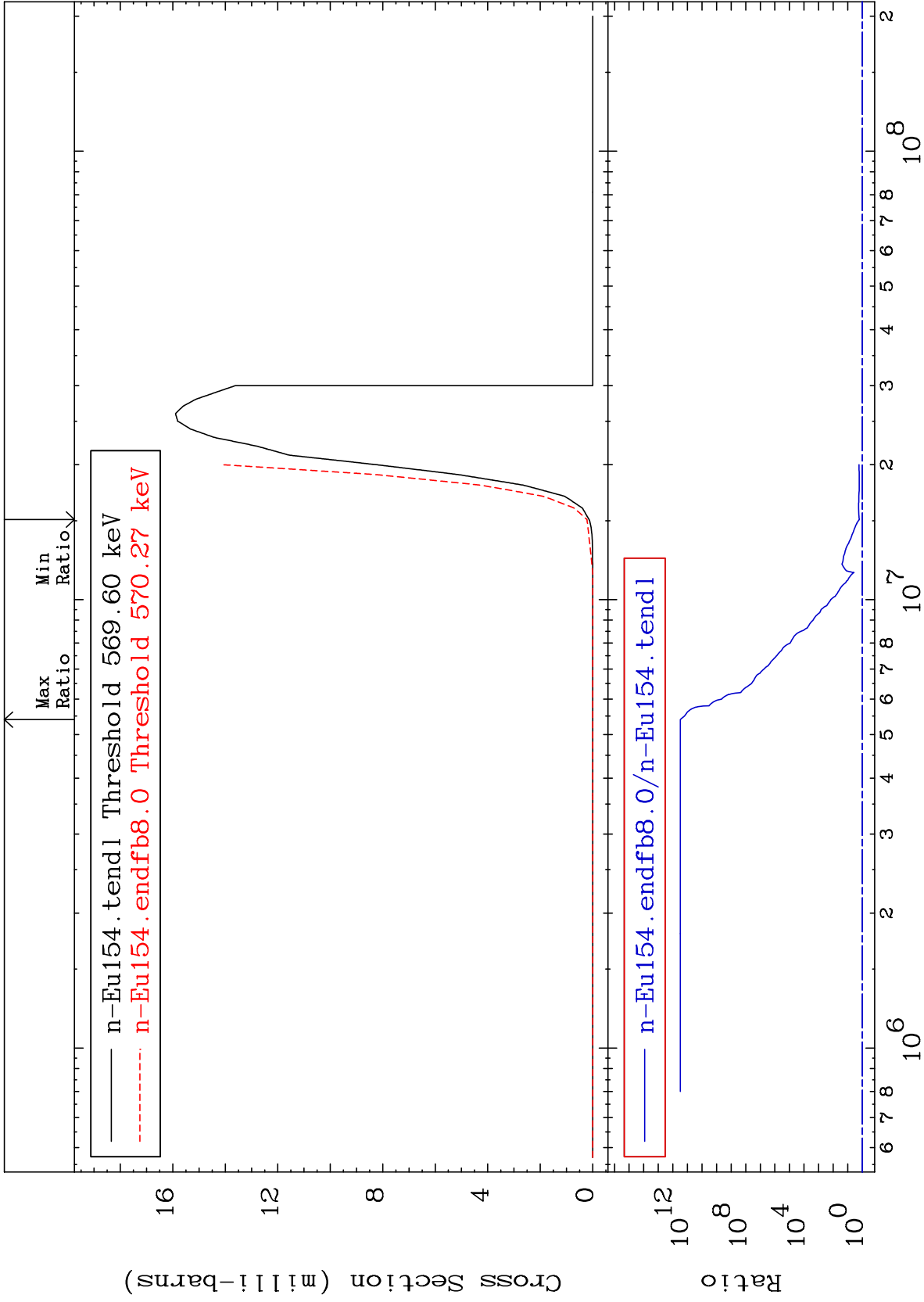
Cross Section

-77.53 To -17.61%



MAT 6334

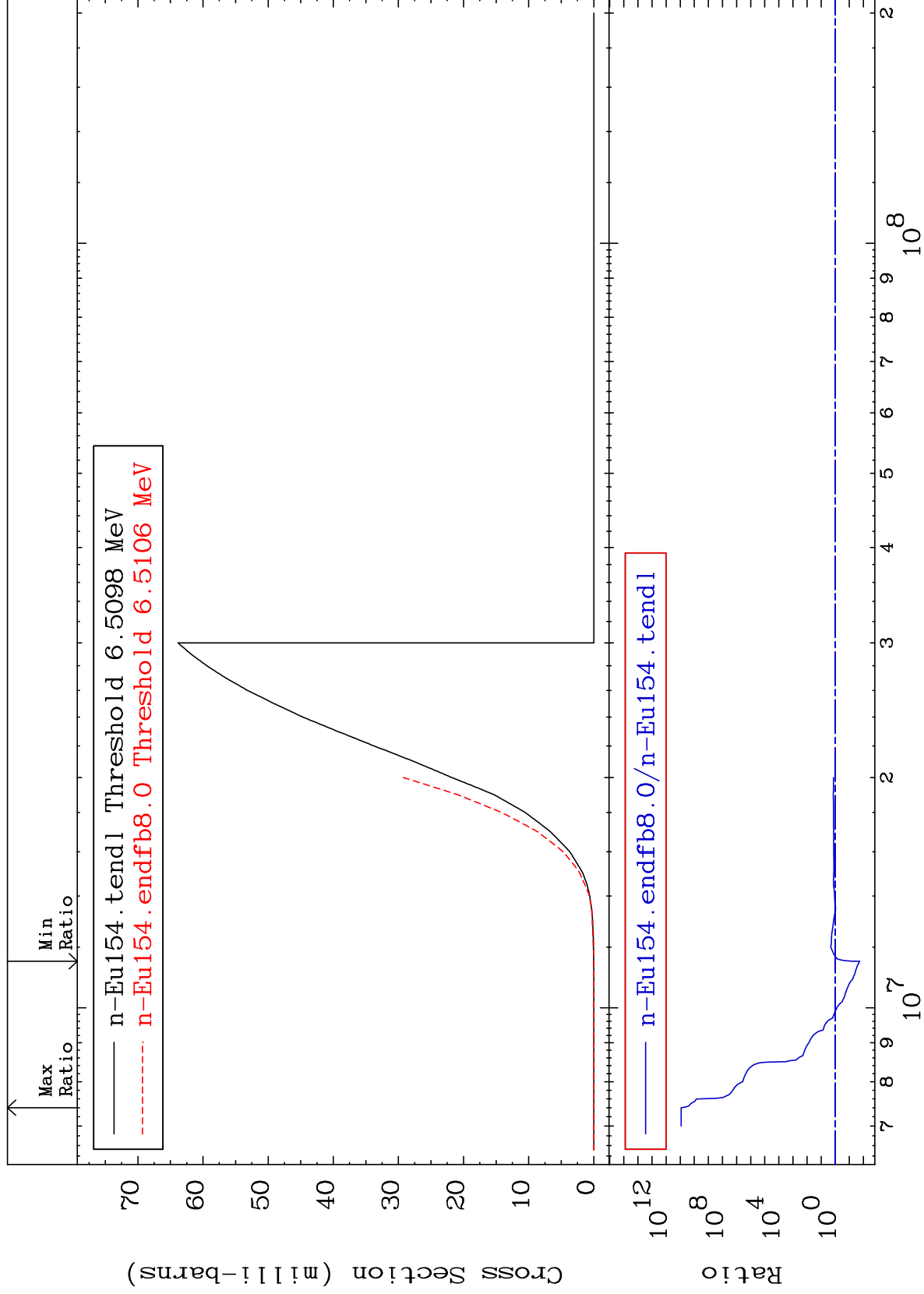
$(n, n') \alpha$
Cross Section
63-Eu-154
58.07 To 9999. %



MAT 6334

(n,n') p
Cross Section

63-Eu-154
-98.15 To 9999. %



7

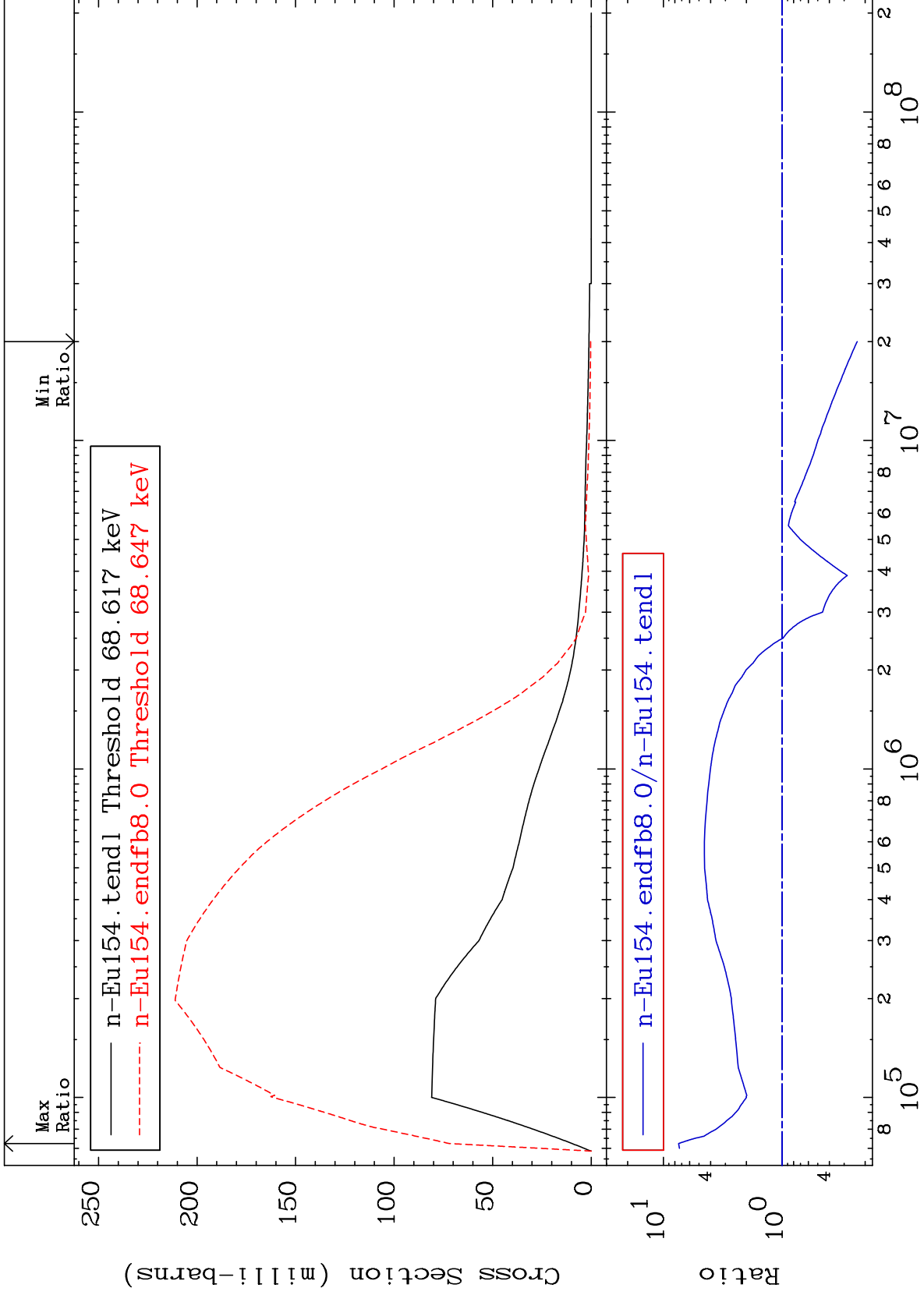
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 51 (n,n') Level
Cross Section

63-Eu-154
-76.73 To 643.2 %



8

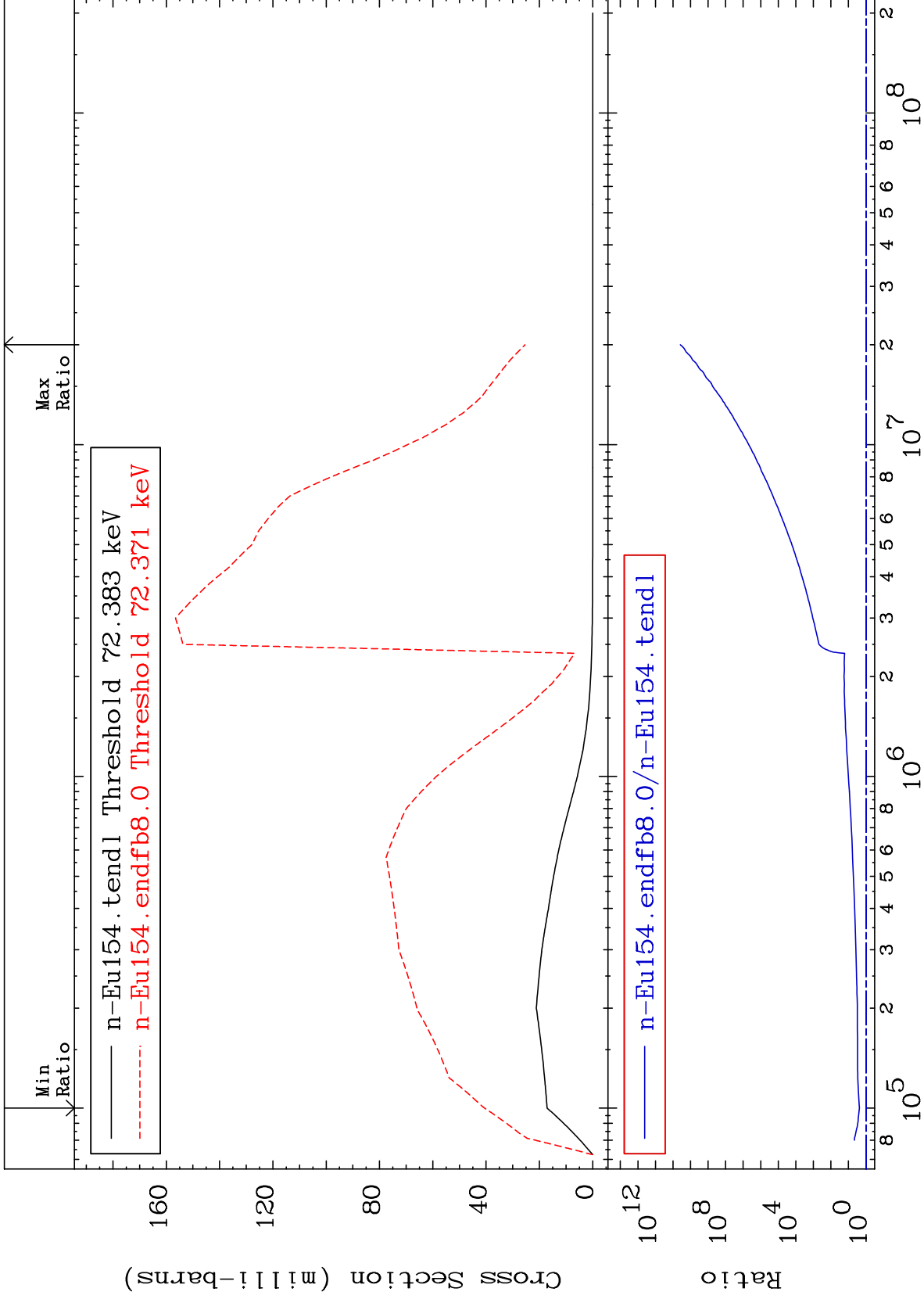
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 52 (n,n') Level
Cross Section

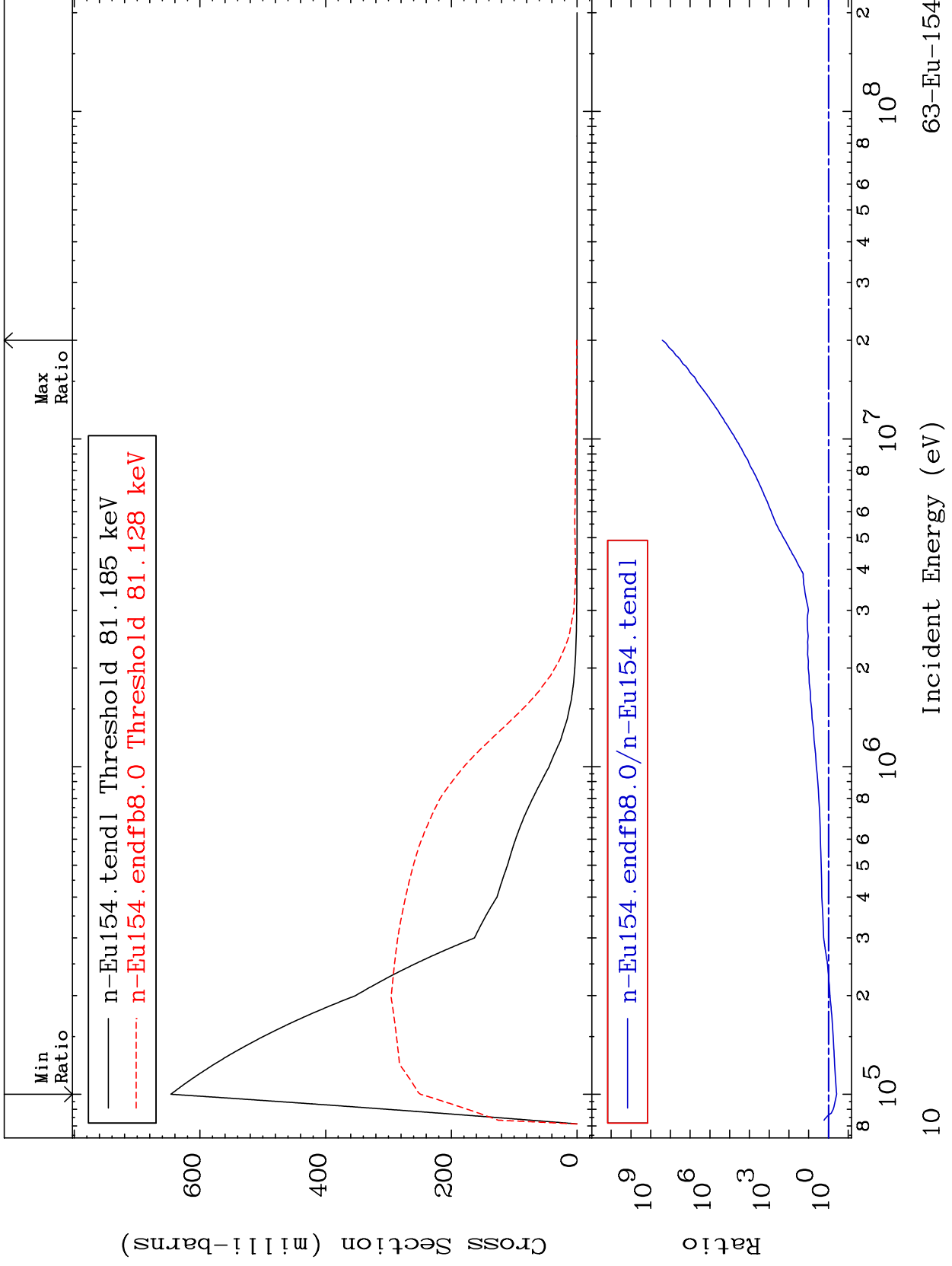
63-Eu-154
137.1 To 9999. %



MAT 6334

MT= 53 (n,n') Level
Cross Section

63-Eu-154
-61.49 To 9999. %



63-Eu-154

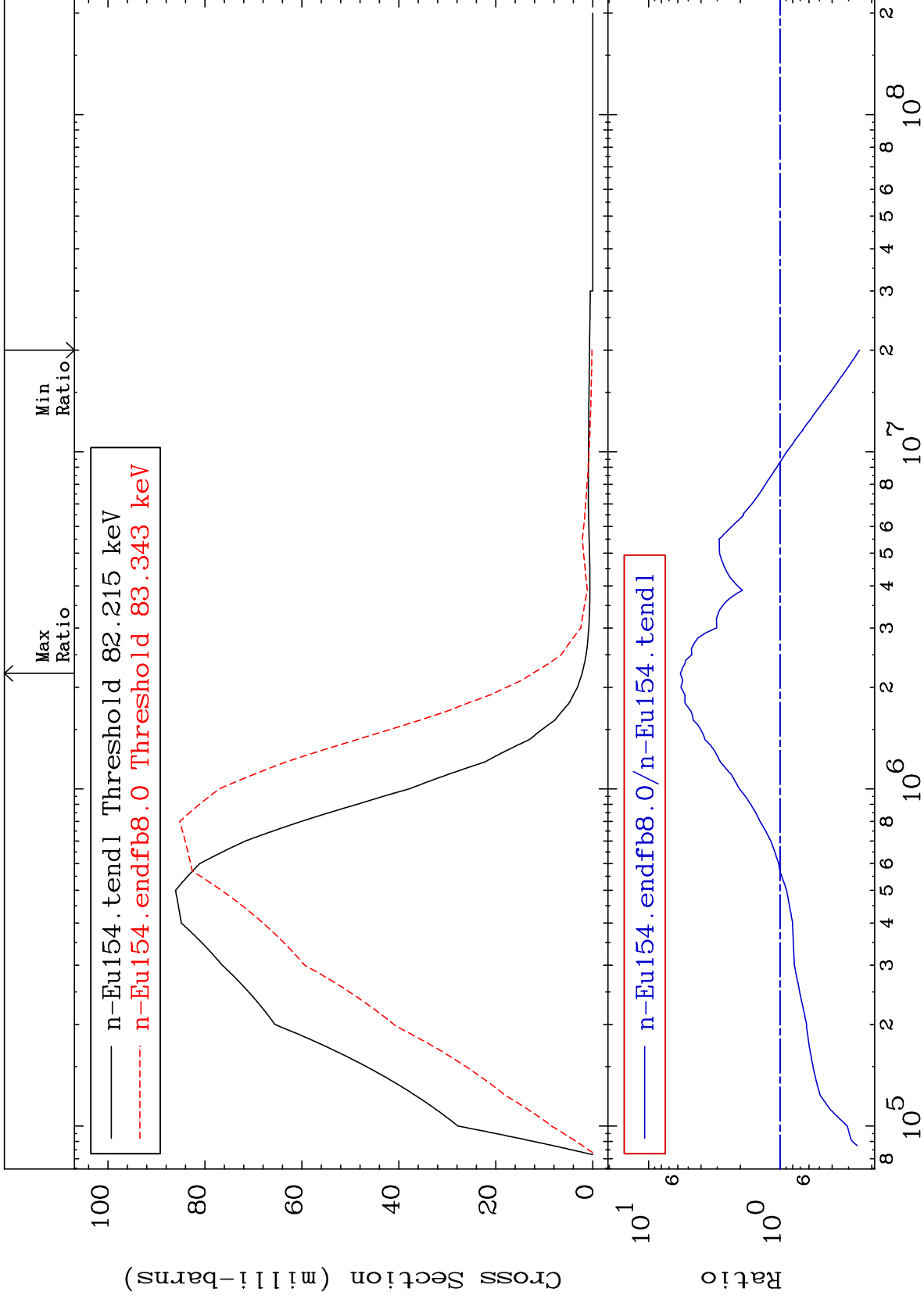
Incident Energy (eV)

10

MAT 6334

MT= 54 (n,n') Level
Cross Section

63-Eu-154
-75.19 To 473.2 %



11

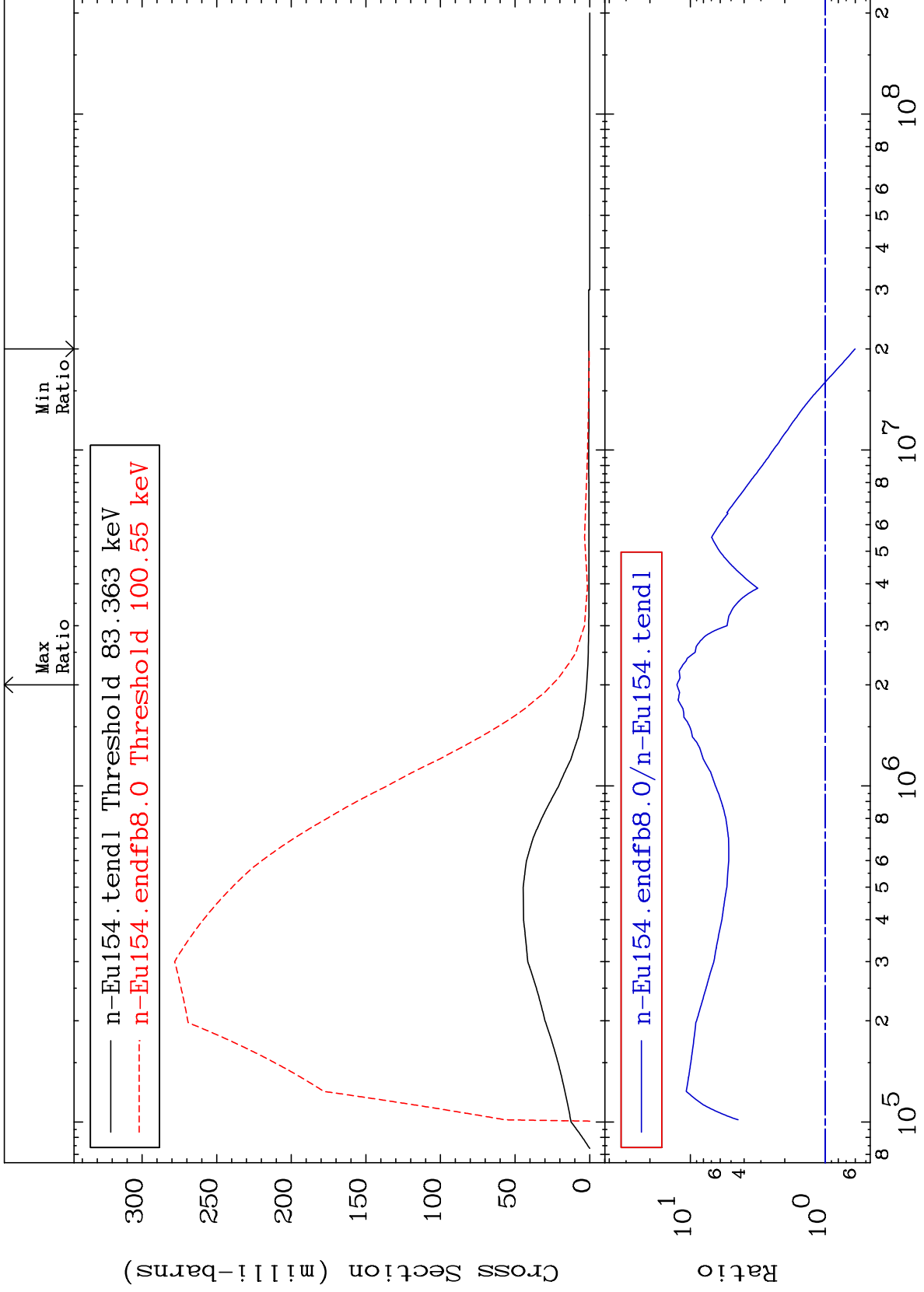
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 55 (n,n') Level
Cross Section

63-Eu-154
-39.89 To 1159. %



12

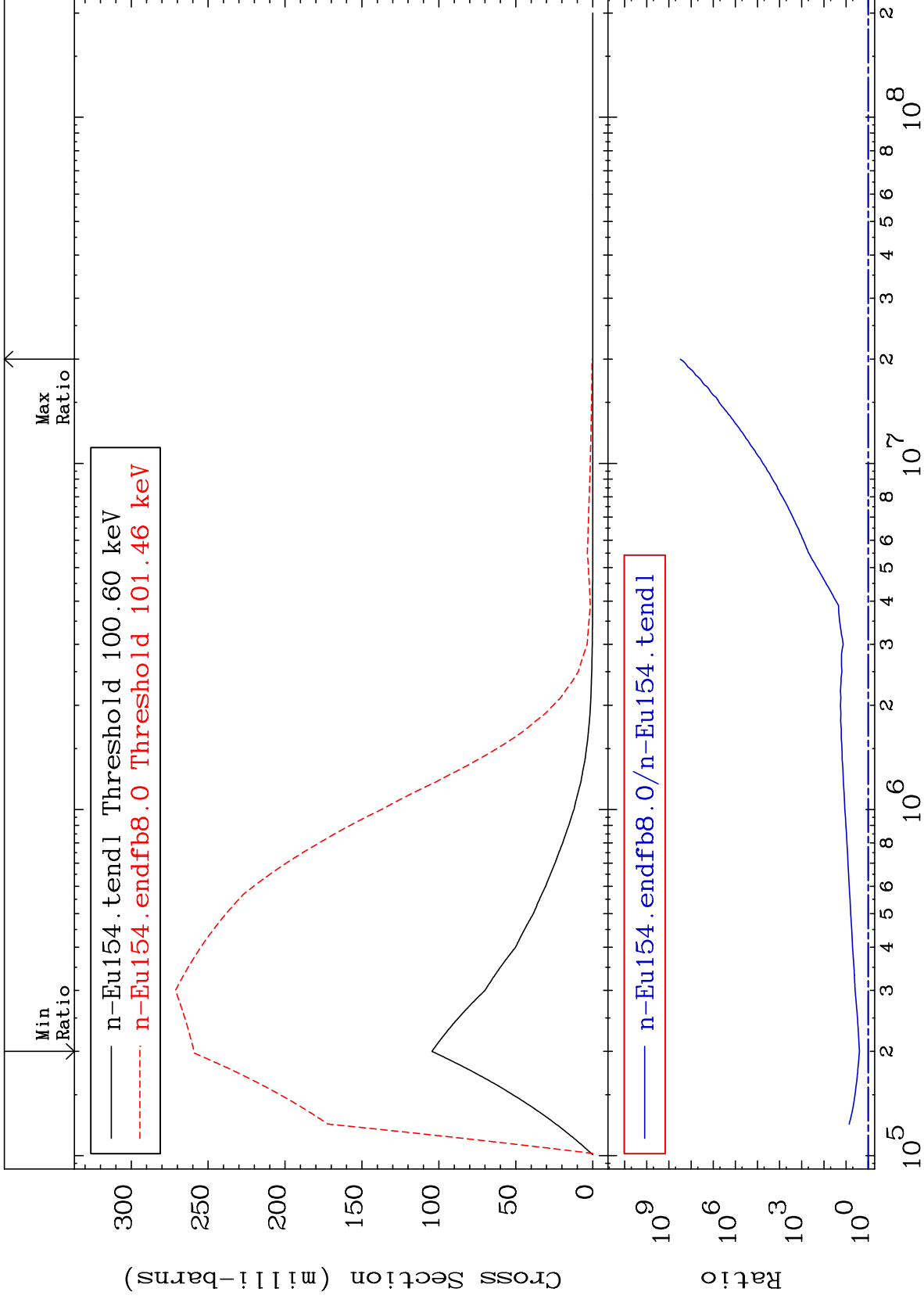
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 56 (n,n') Level
Cross Section

63-Eu-154
147.9 To 9999. %



13

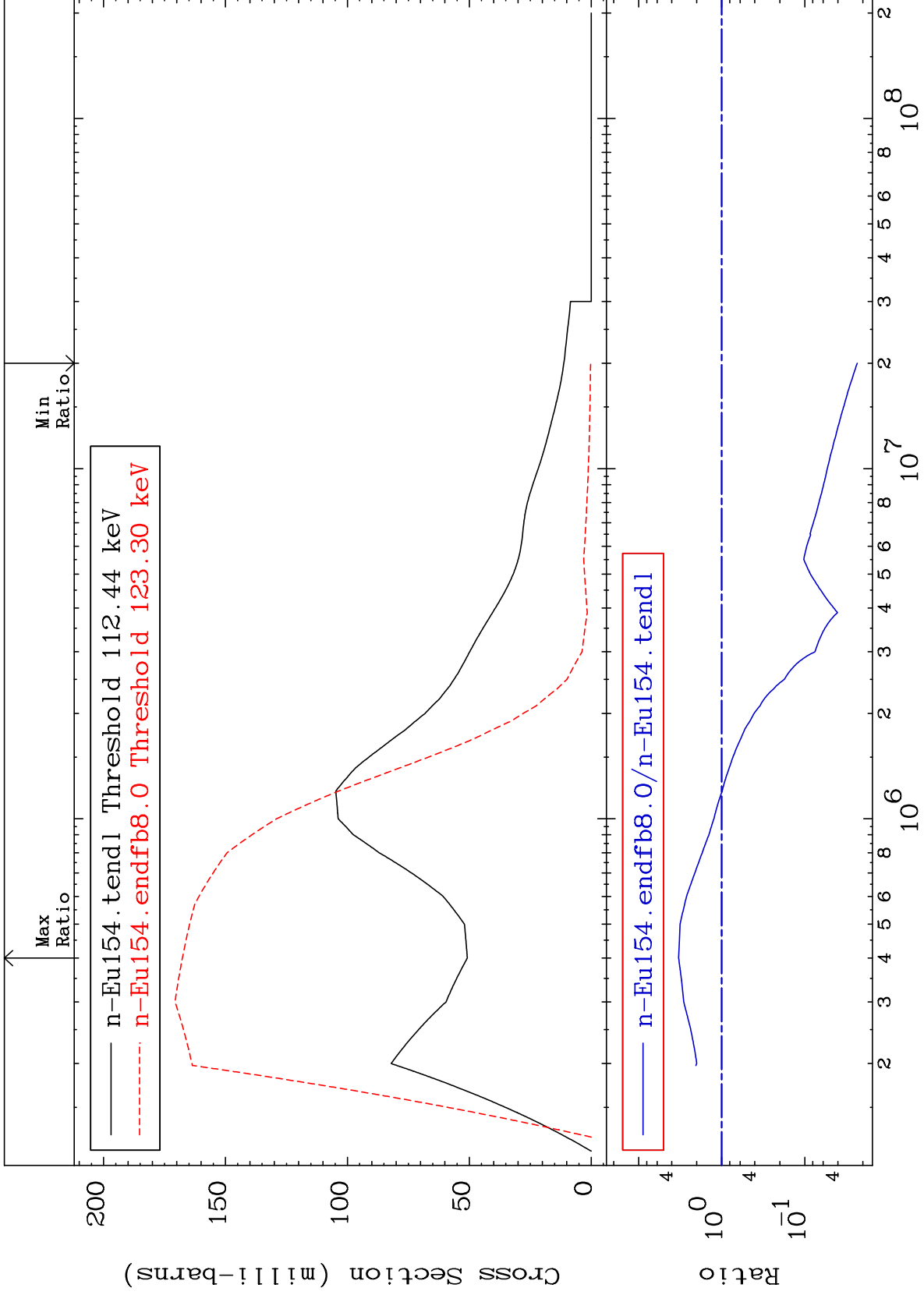
Incident Energy (eV)

63-Eu-154

MAT 6334

MT= 57 (n,n') Level
Cross Section

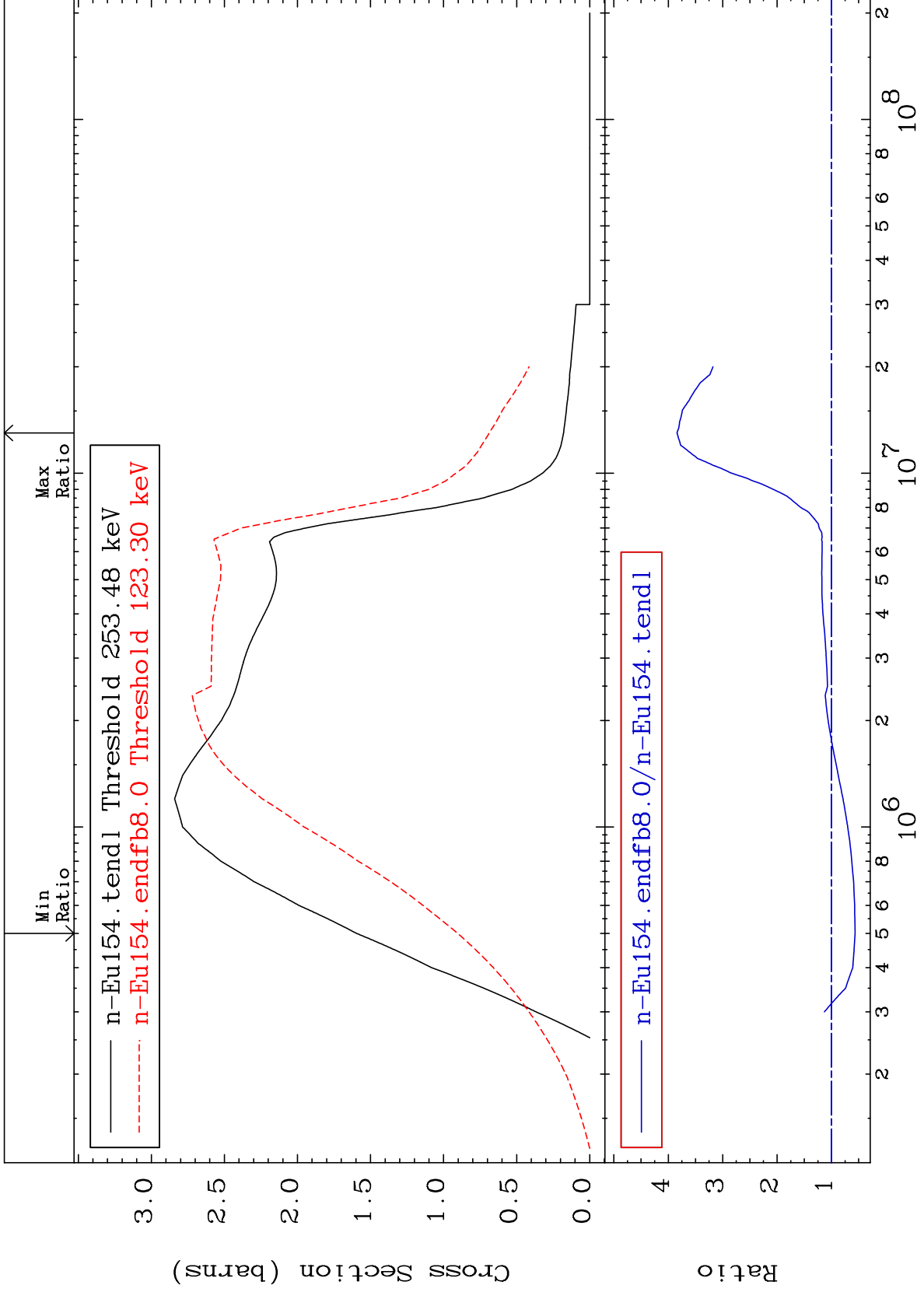
63-Eu-154
-97.66 To 230.1 %

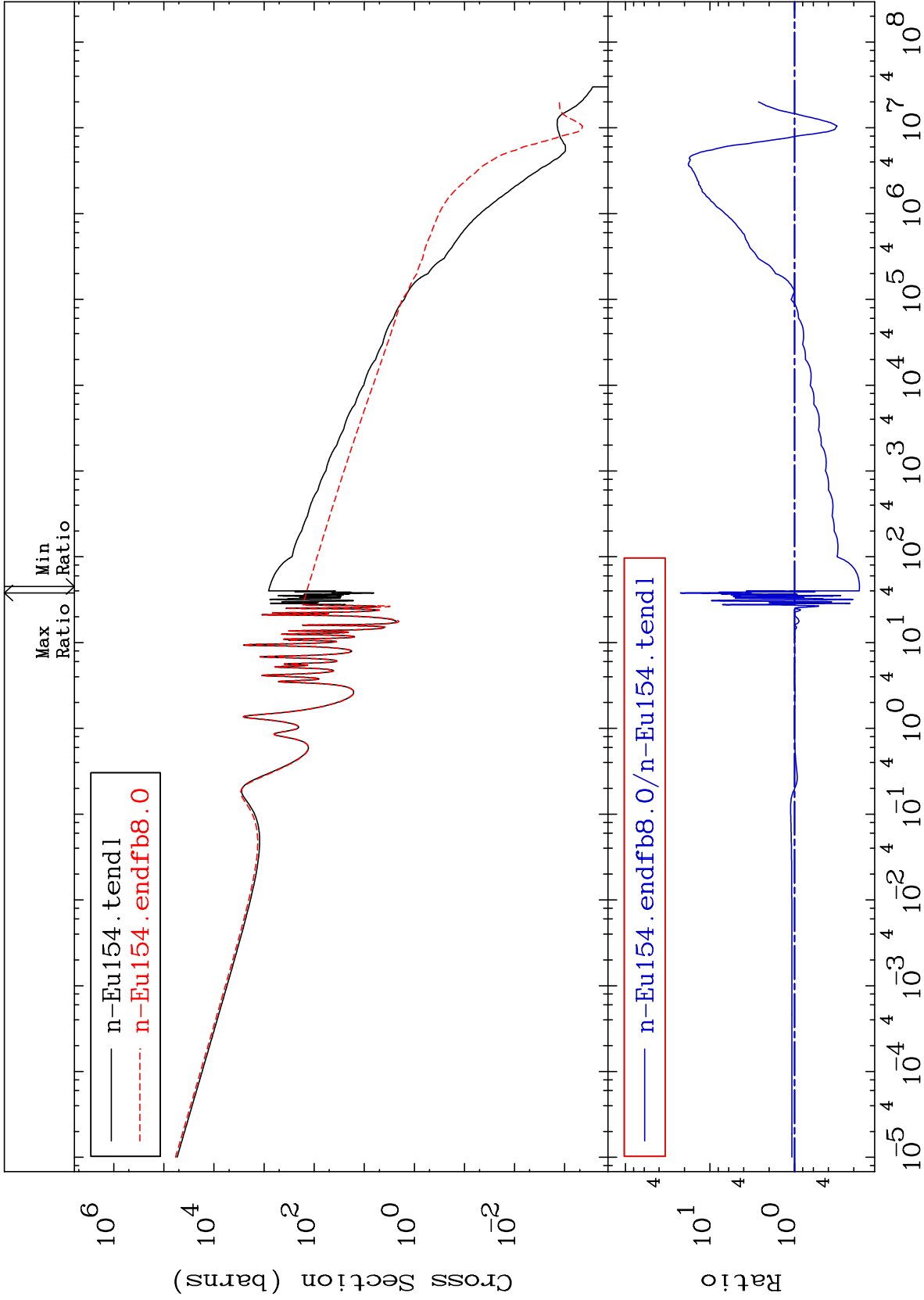


MAT 6334

(n, n') Continuum
Cross Section

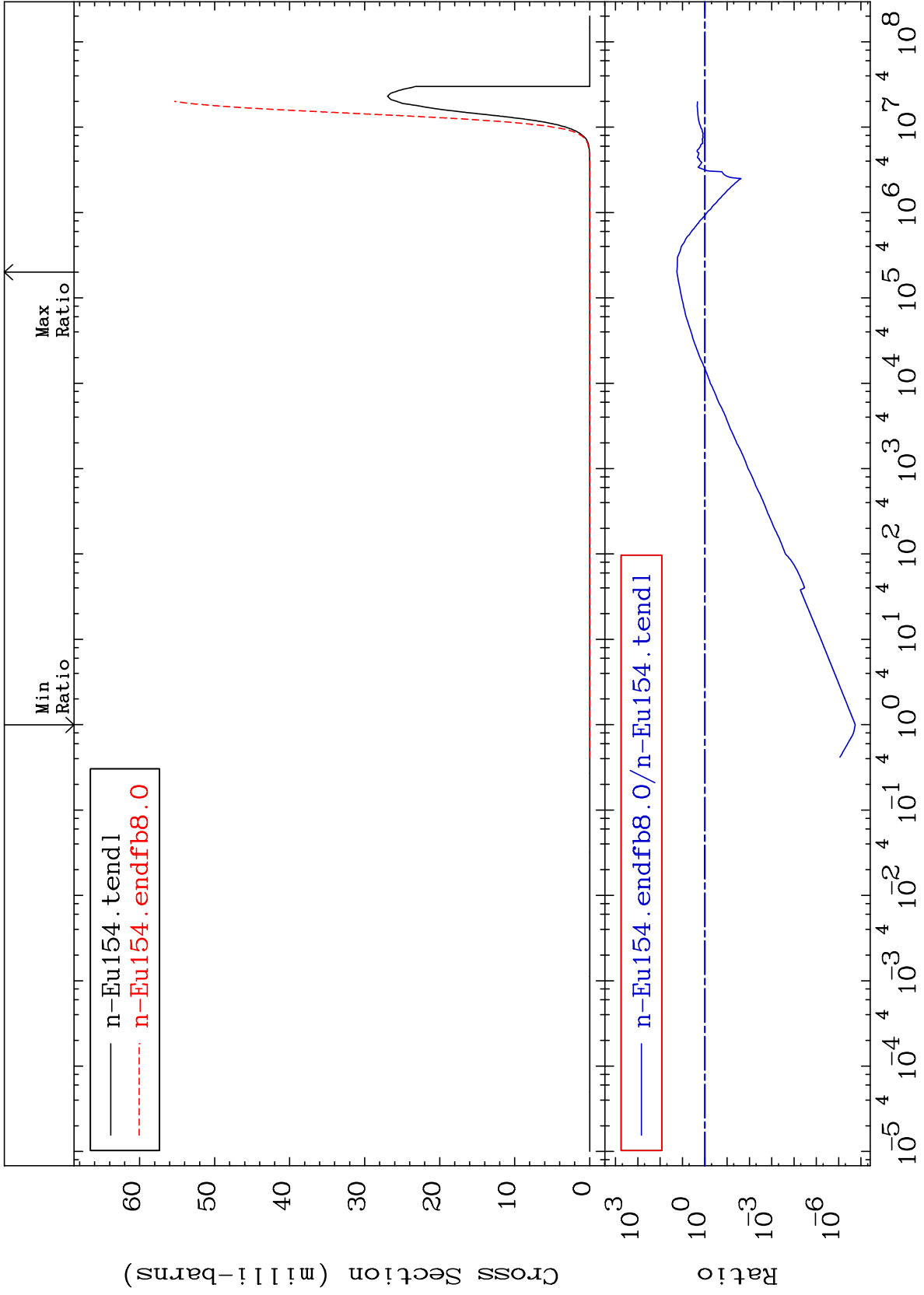
63-Eu-154
-43.37 To 284.1 %





MAT 6334

(n,p)
Cross Section
63-Eu-154
-100.0 To 1673. %



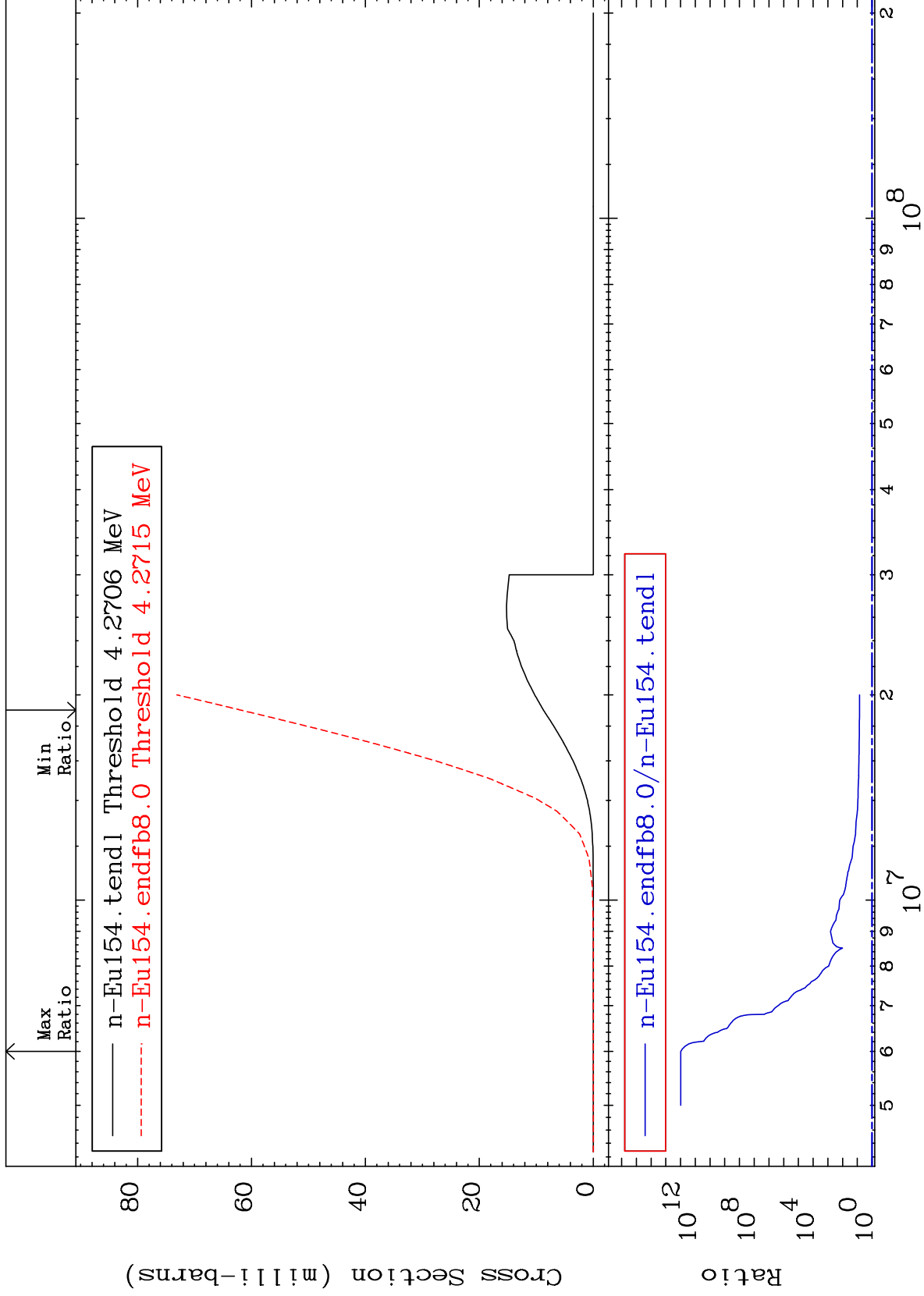
MAT 6334

(n, d)

63-Eu-154

Cross Section

607.1 To 9999. %



18

Incident Energy (eV)

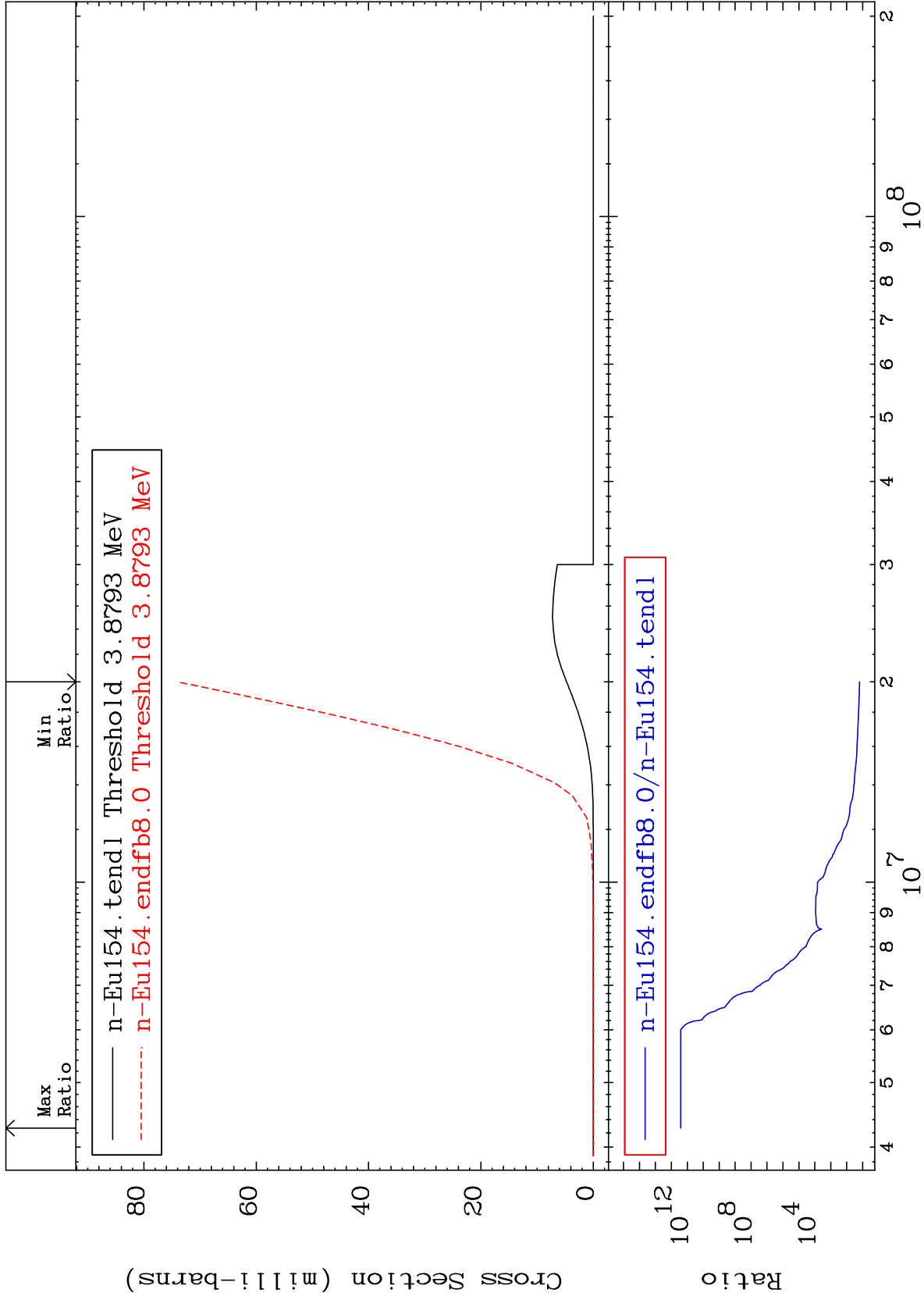
63-Eu-154

MAT 6334

63-Eu-154

1460. To 9999. %

(n, t)
Cross Section



19

Incident Energy (eV)

63-Eu-154

MAT 6334

63-Eu-154

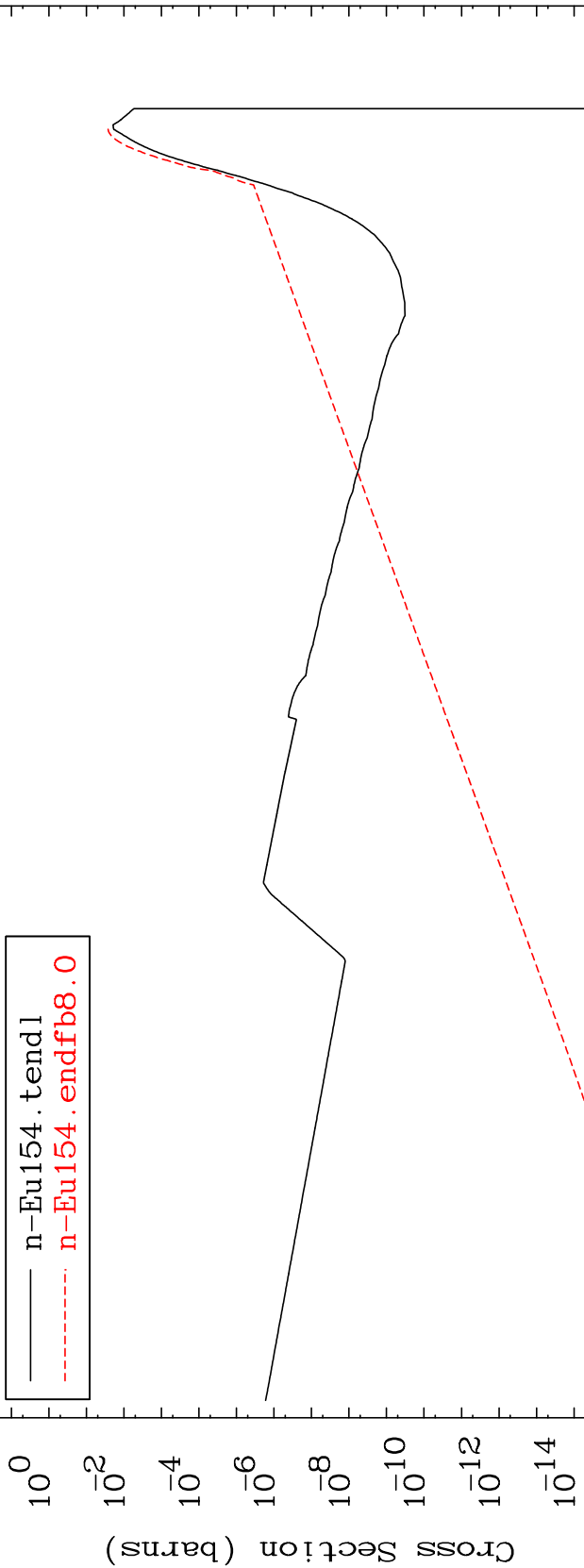
(n, α)

Cross Section

-100.0 To 9999. %

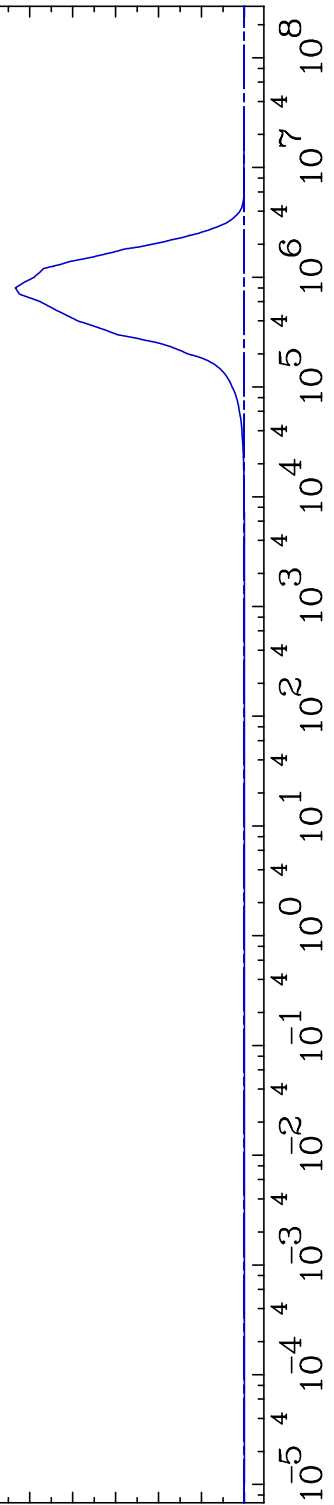
Min
Ratio

Max
Ratio



— n-Eu154.endfb8.0/n-Eu154.tendl

Ratio



20

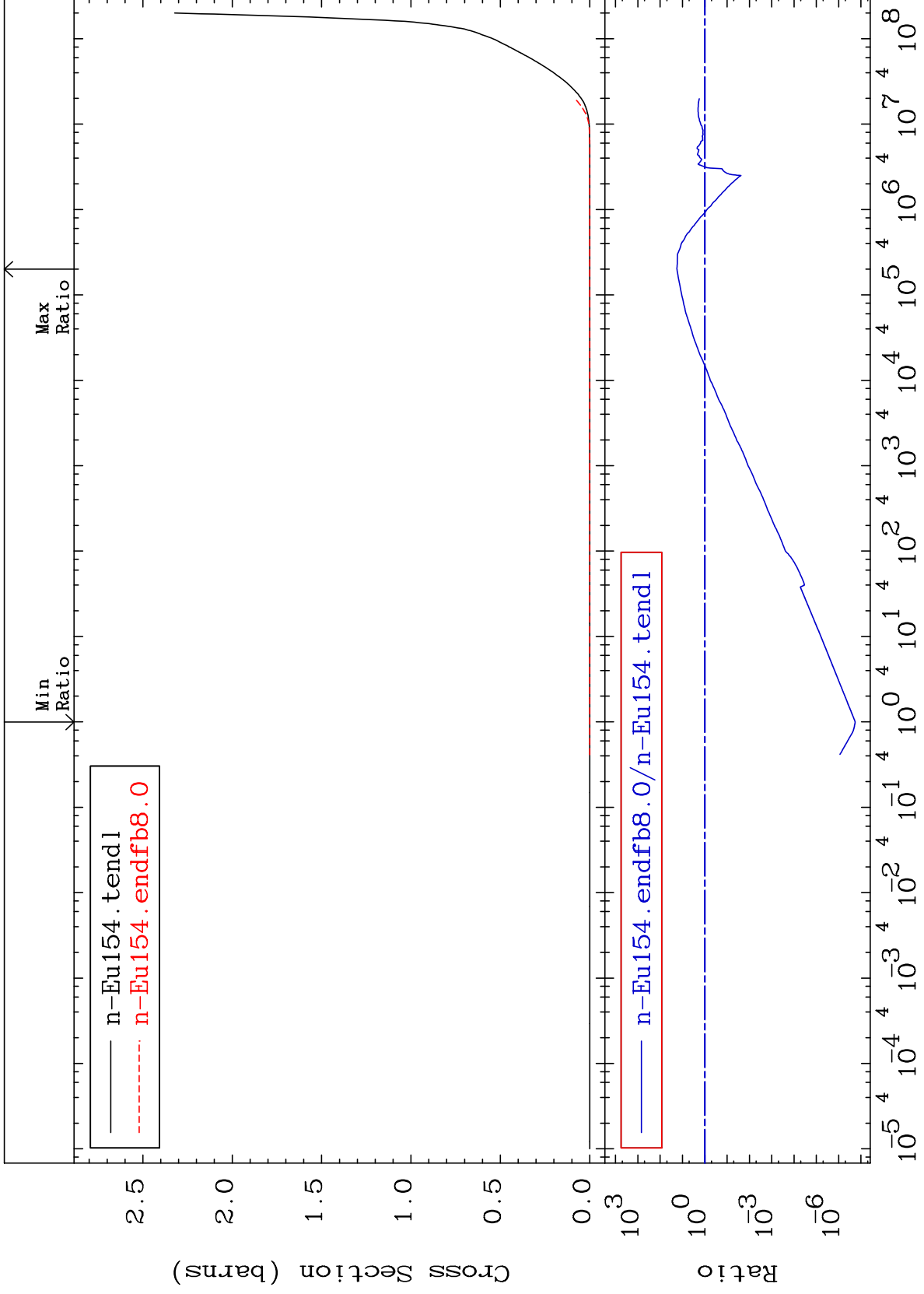
Incident Energy (eV)

63-Eu-154

MAT 6334

Hydrogen Production
Cross Section

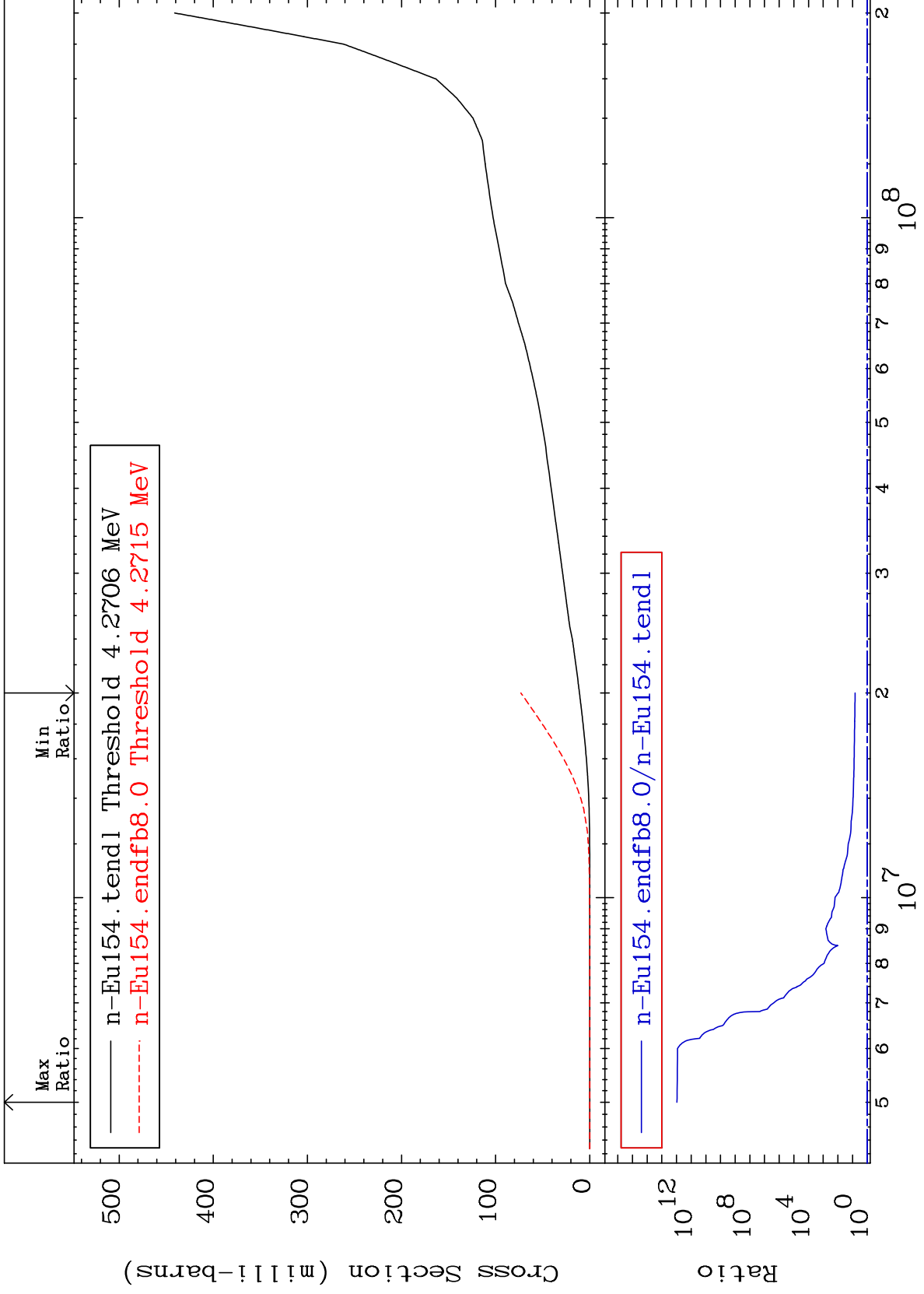
63-Eu-154
-100.0 To 1673. %

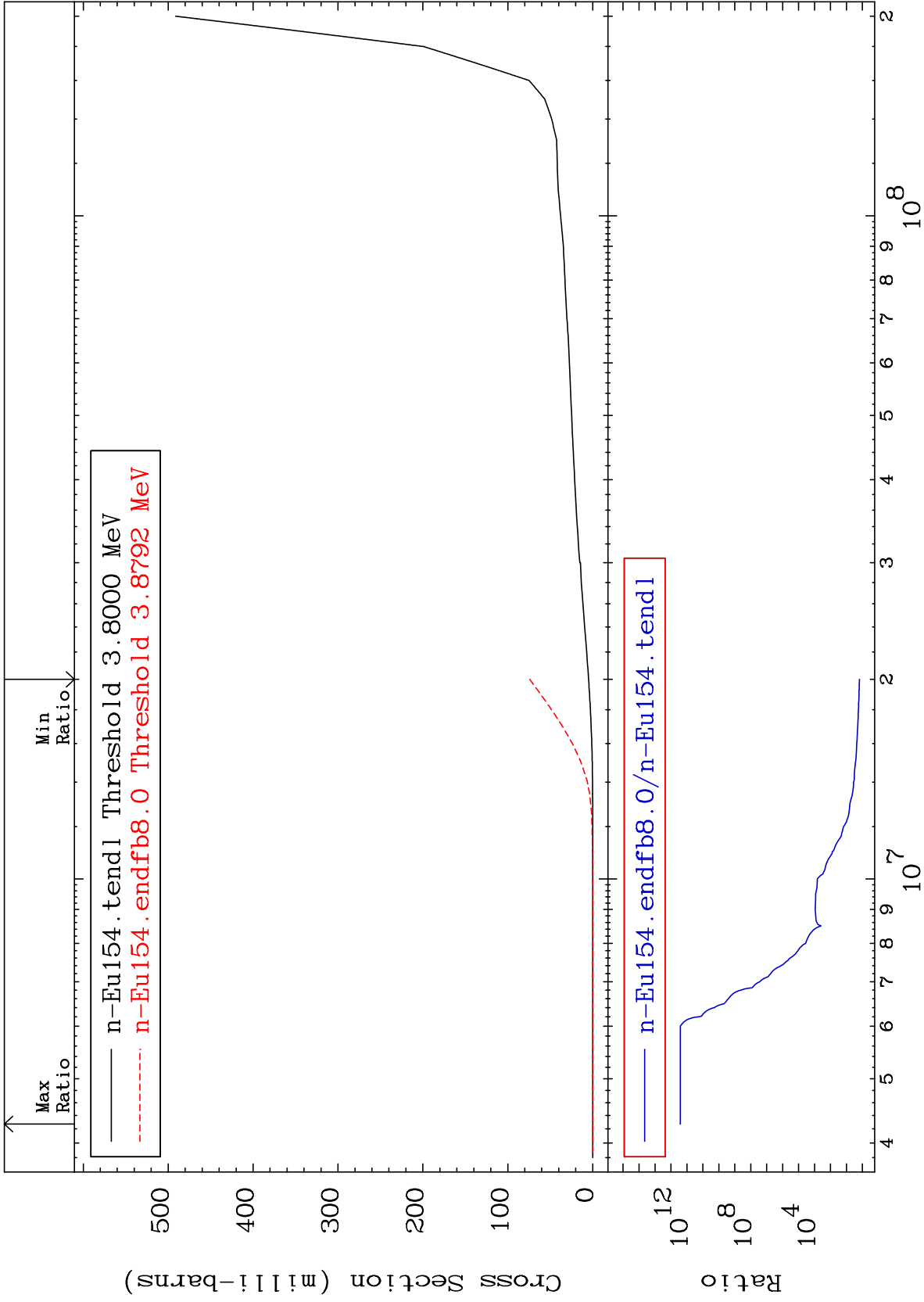


MAT 6334

Deuterium Production
Cross Section

63-Eu-154
570.7 To 9999. %

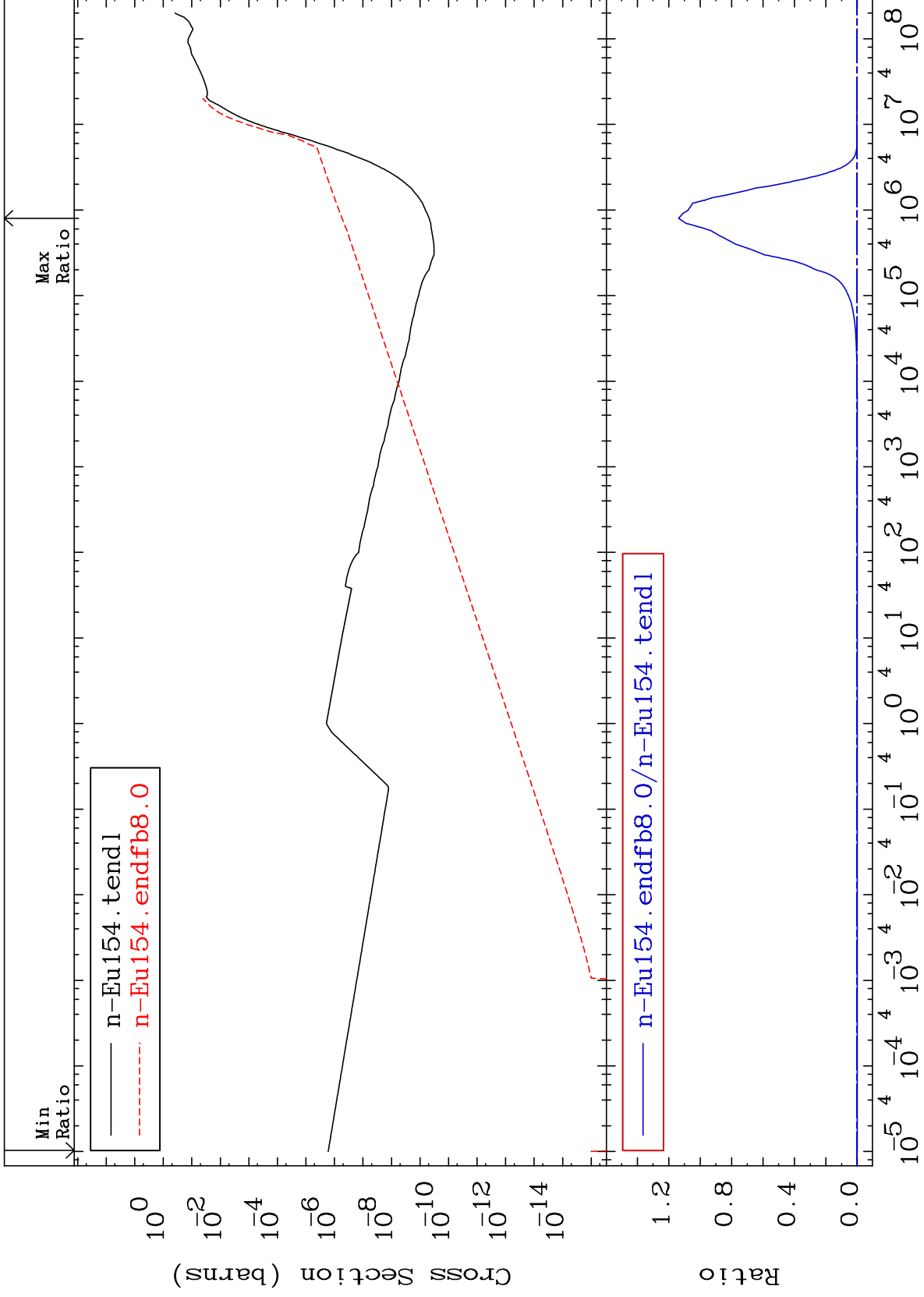


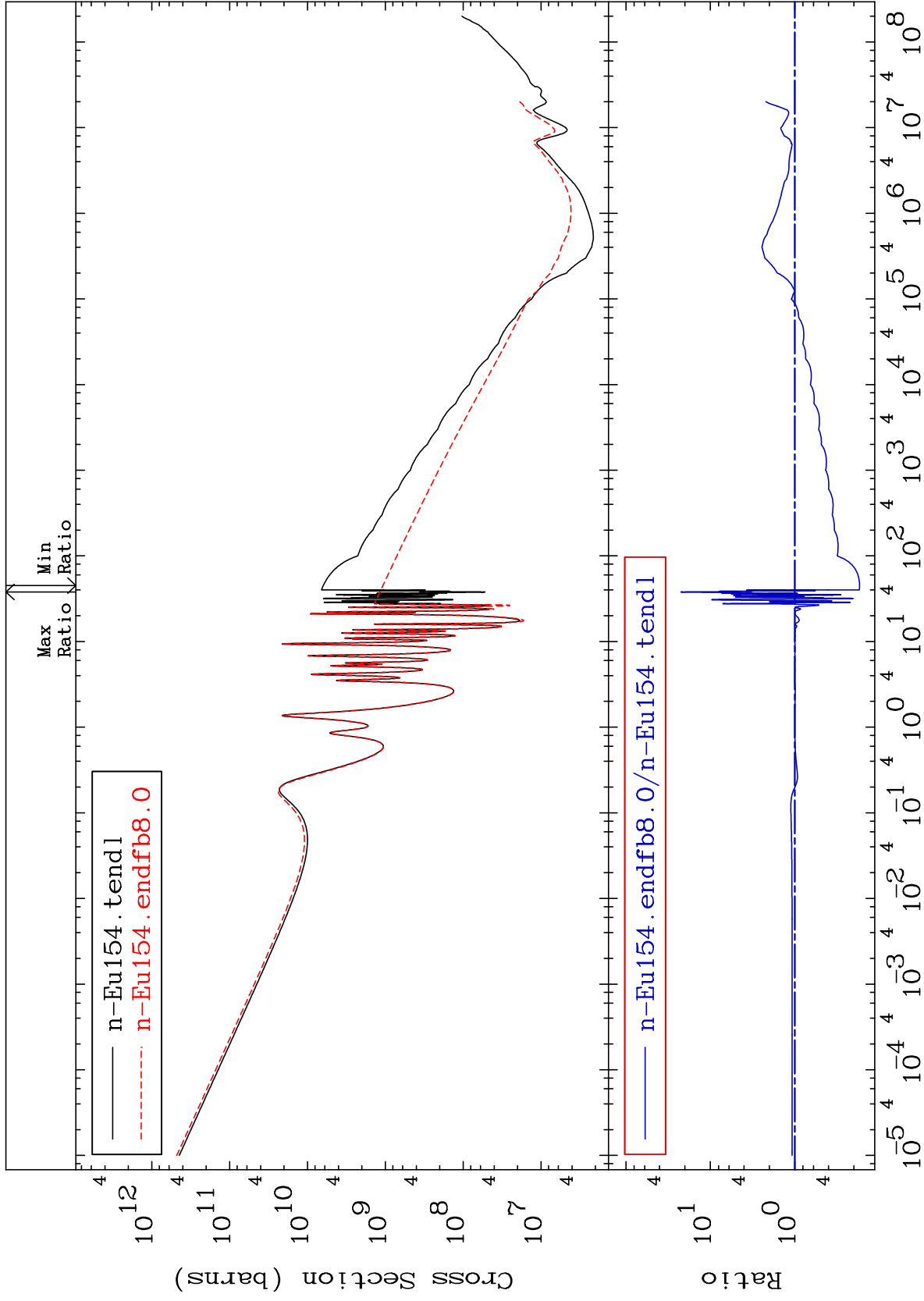


MAT 6334

He-4 Production
Cross Section

63-Eu-154
-100.0 To 9999. %

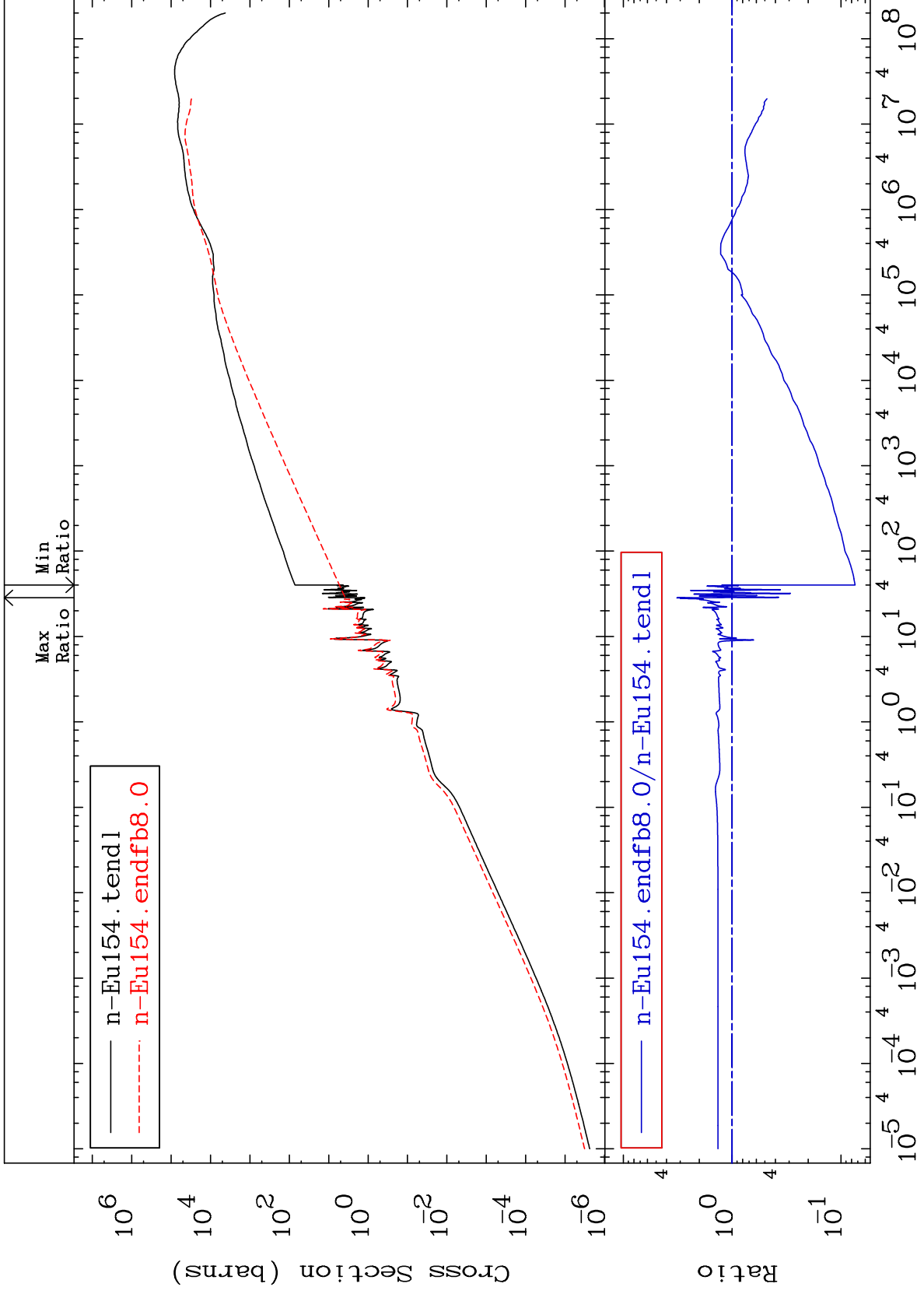


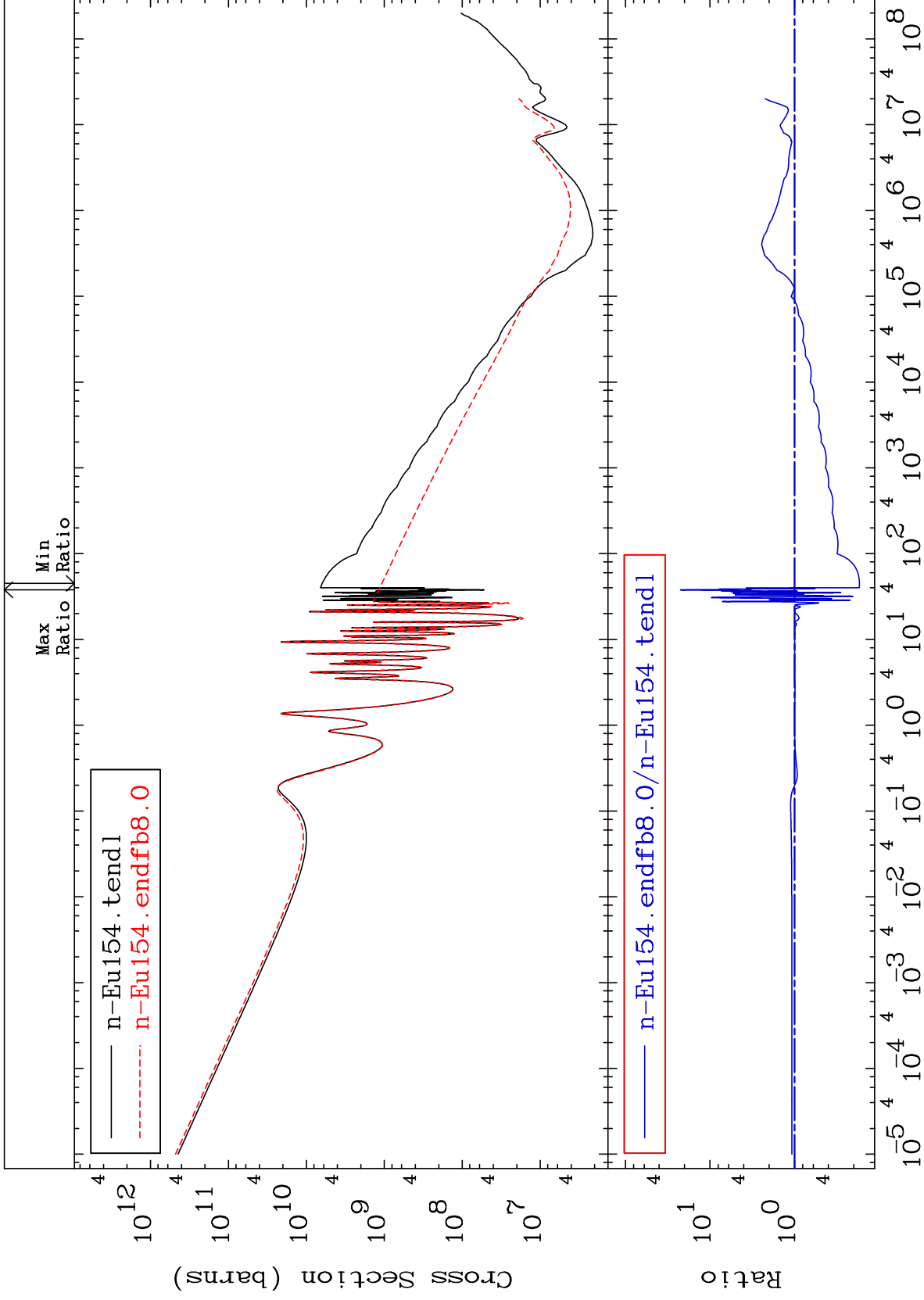


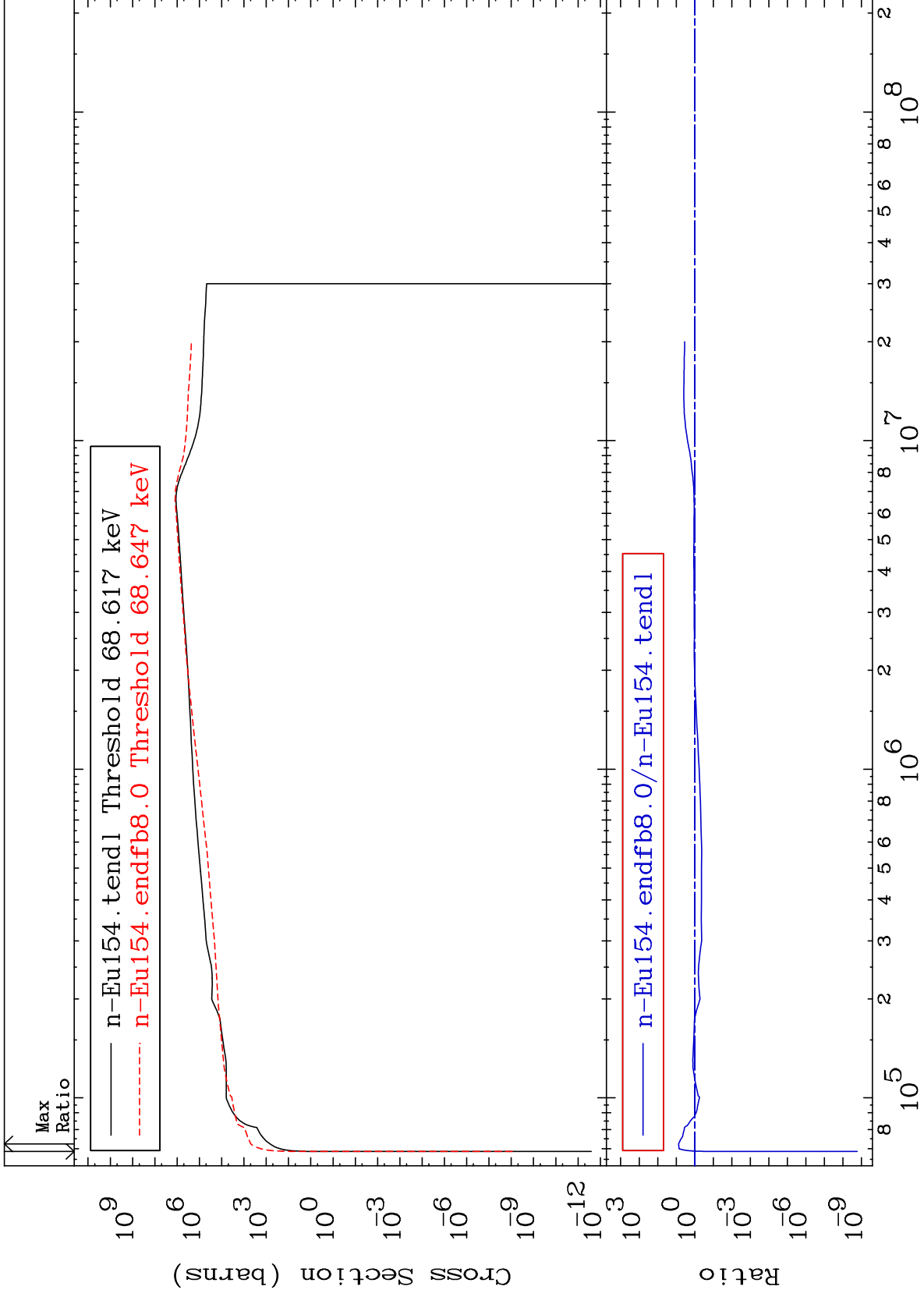
MAT 6334

Kerma elastic
Cross Section

63-Eu-154
-92.58 To 221.6 %



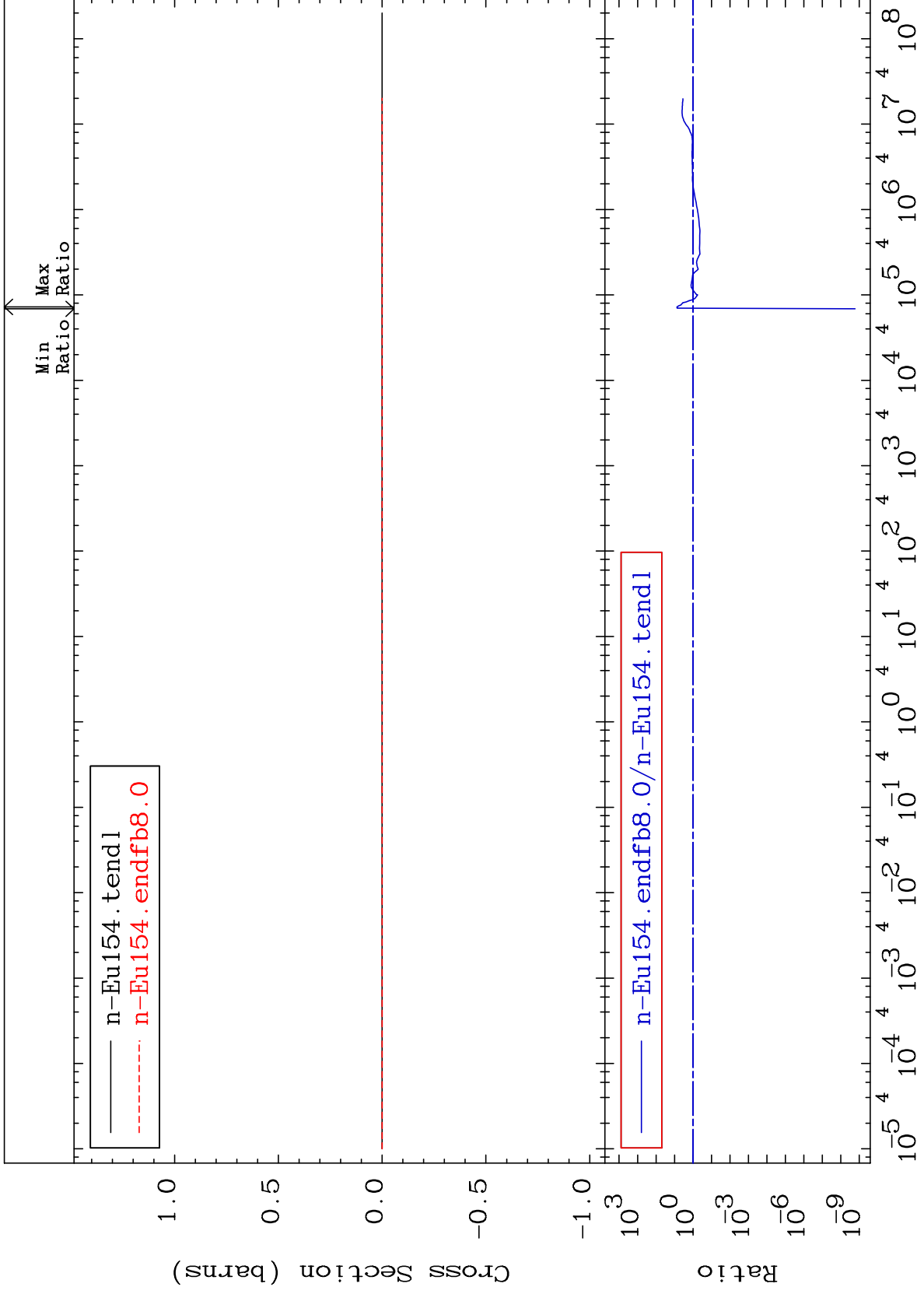




MAT 6334

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

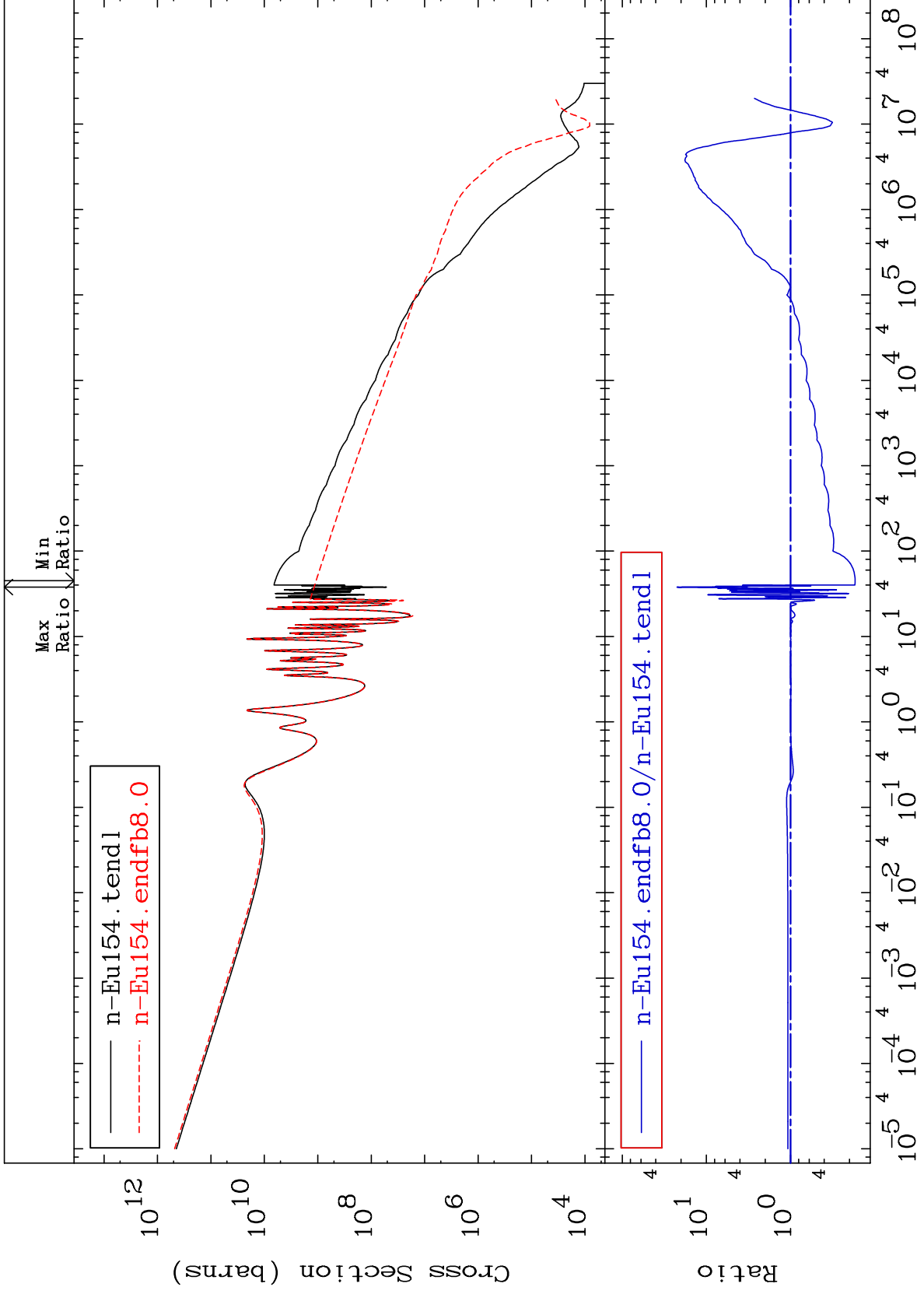
63-Eu-154
-100.0 To 641.9 %



MAT 6334

Kerma capture (mt102)
Cross Section

63-Eu-154
-82.87 To 2140. %



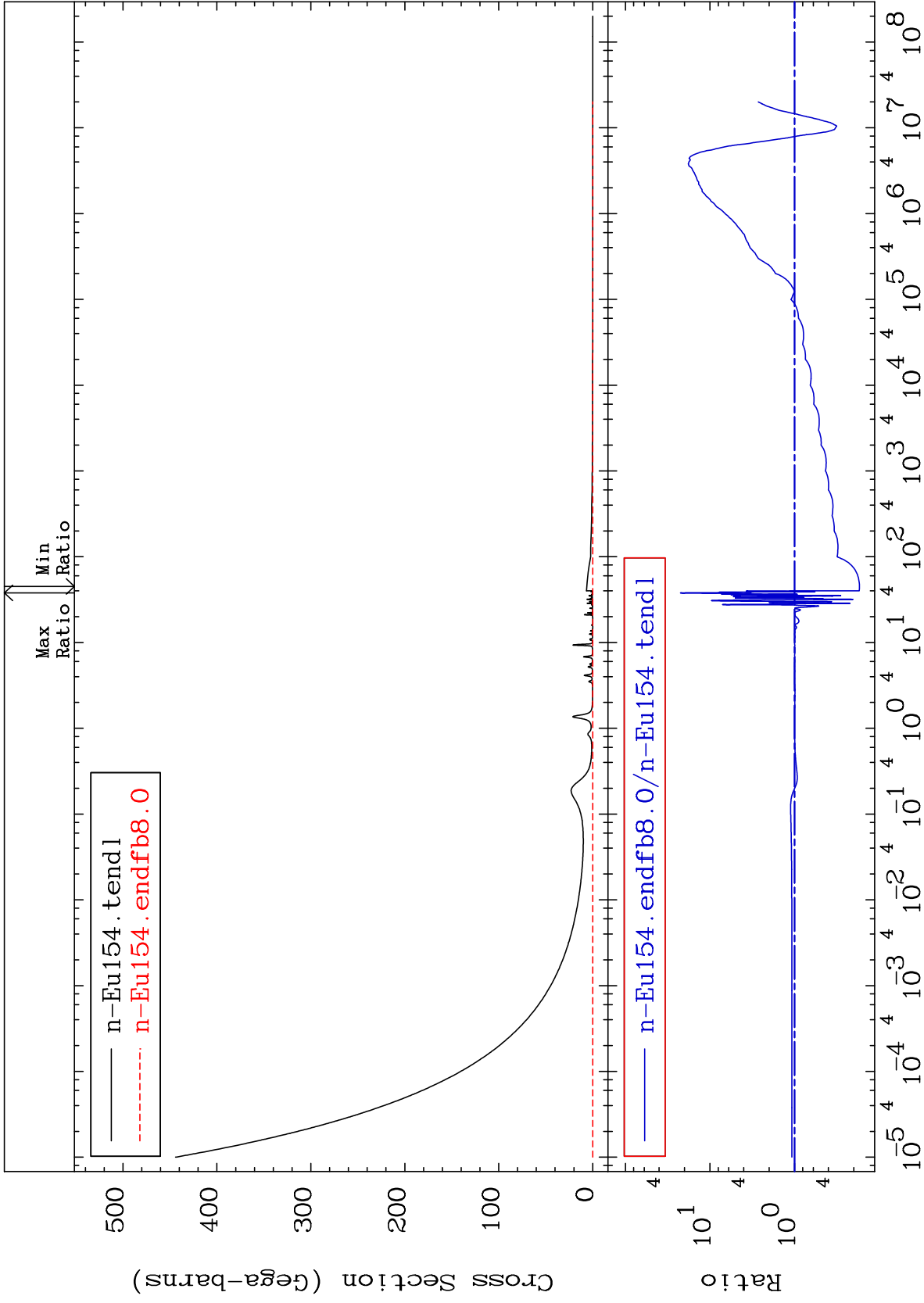
30

Incident Energy (eV)

63-Eu-154

Cross Section

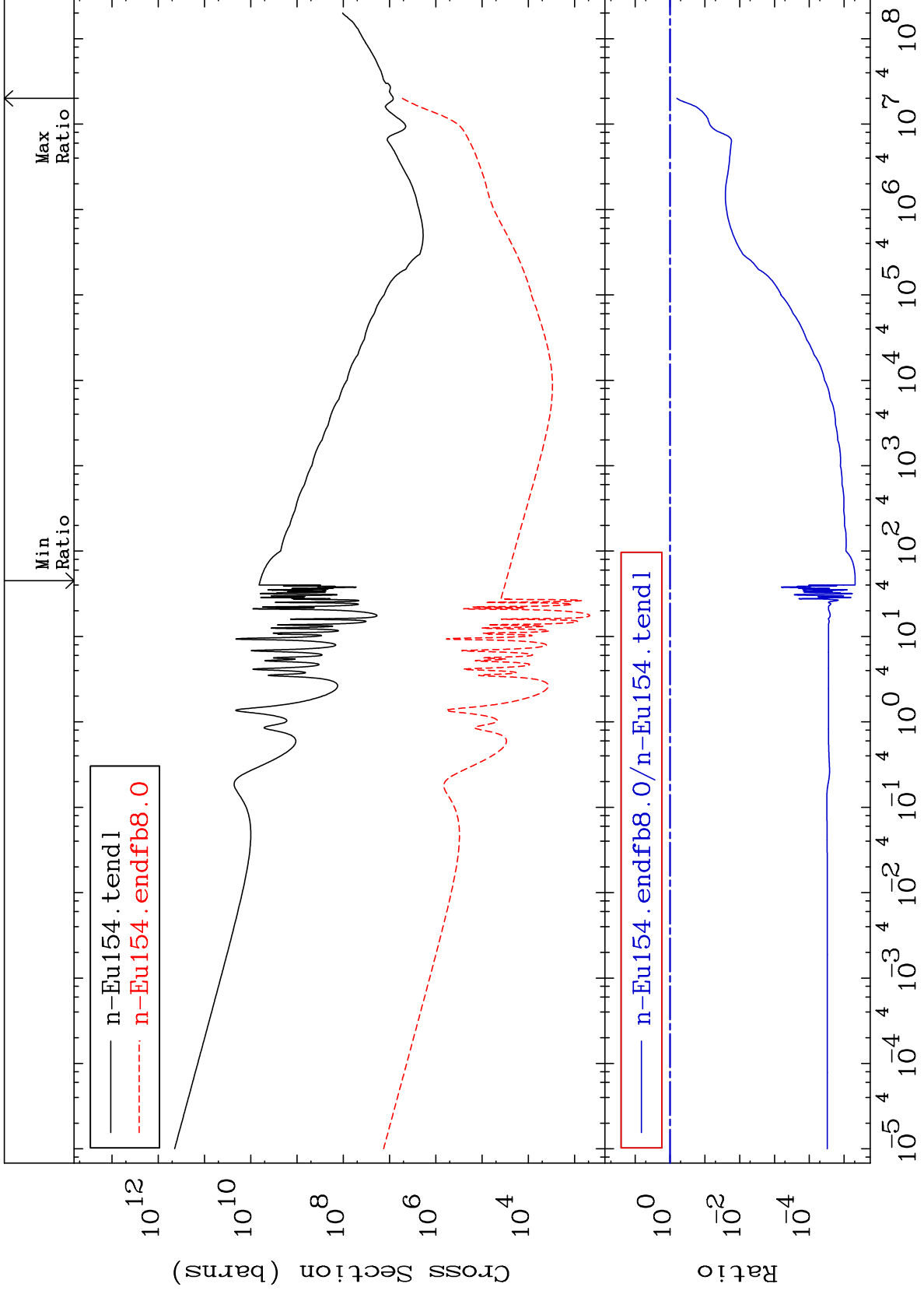
-82.87 To 2140. %



MAT 6334

Total kinematic kerma (high limit)
Cross Section

63-Eu-154
-100.0 To -36.43%



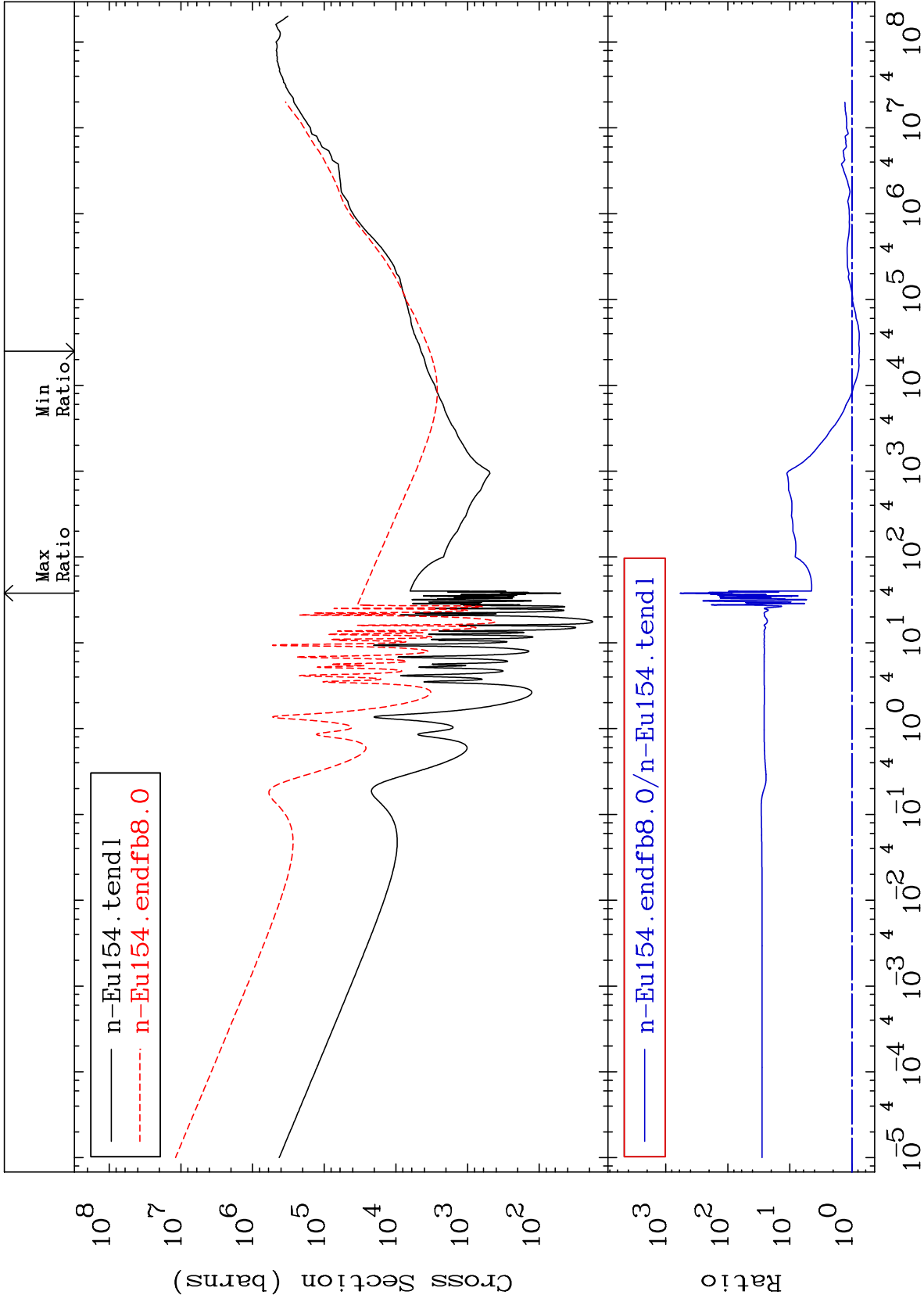
MAT 6334

Dpa total (eV-barns)

63-Eu-154

-24.37 To 9999. %

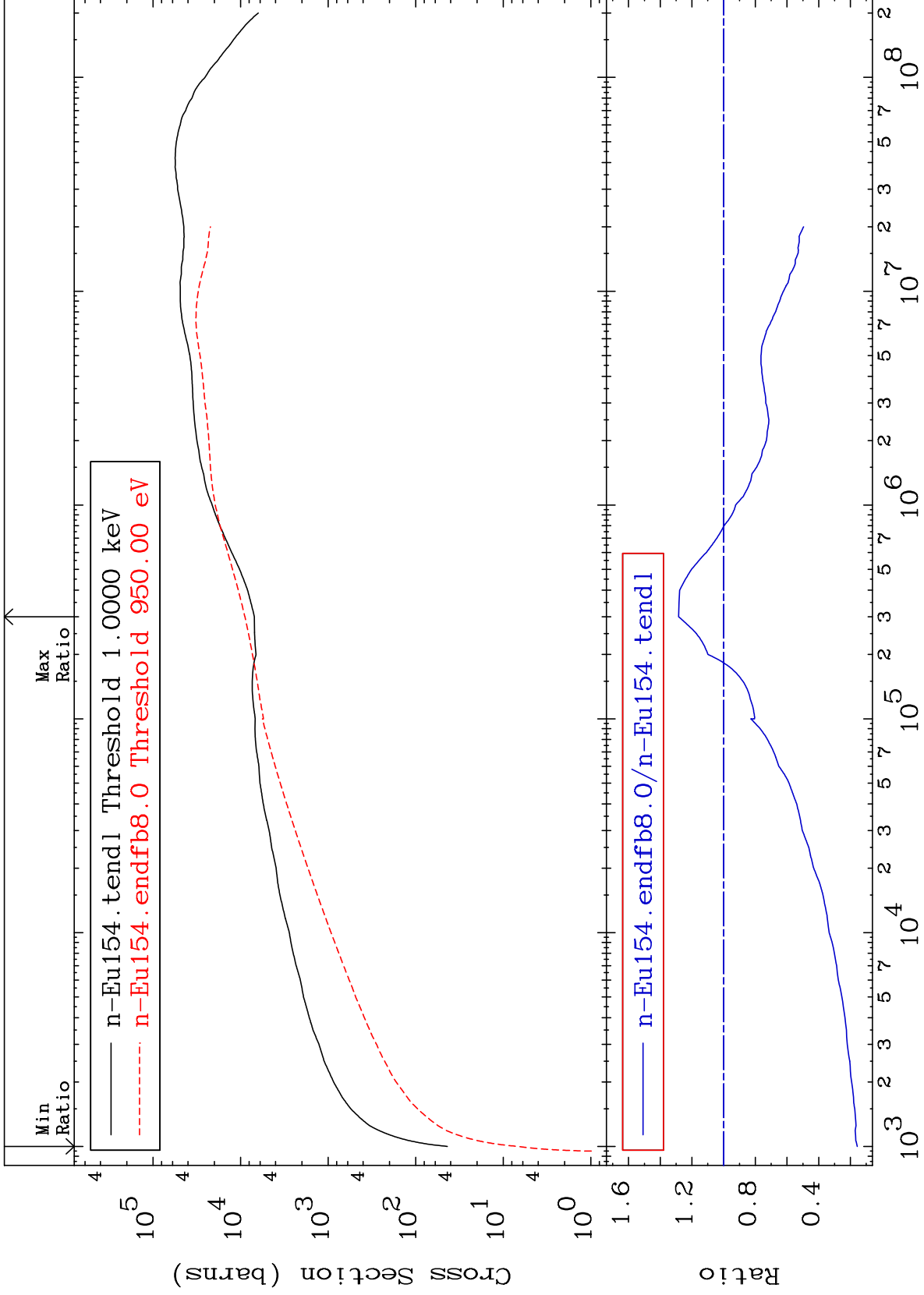
Cross Section



MAT 6334

Dpa elastic (mt2)
Cross Section

63-Eu-154
-84.30 To 28.39 %



34

Incident Energy (eV)

63-Eu-154

