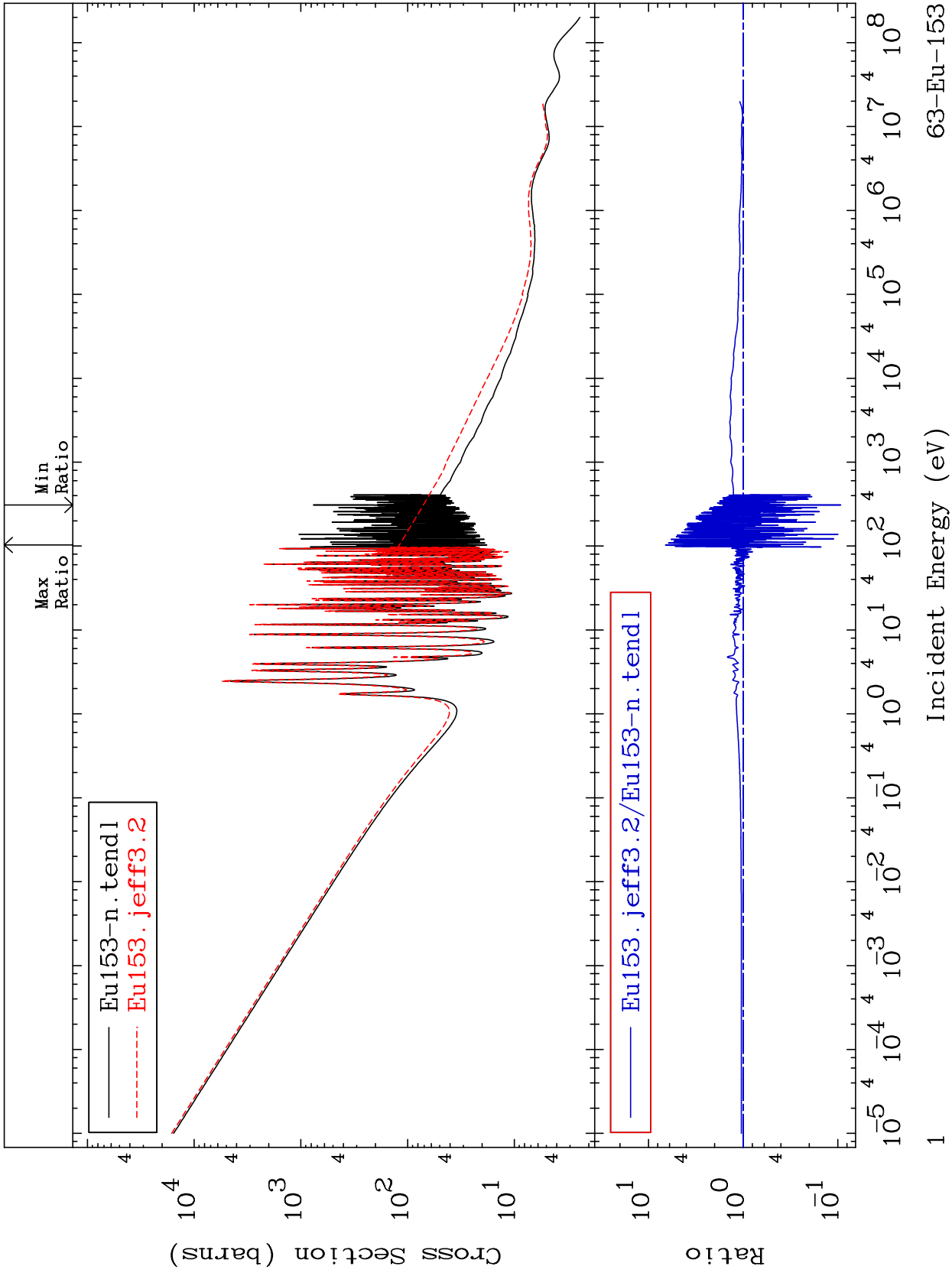


MAT 6331

Total Cross Section
63-Eu-153
-90.66 To 561.2 %



63-Eu-153

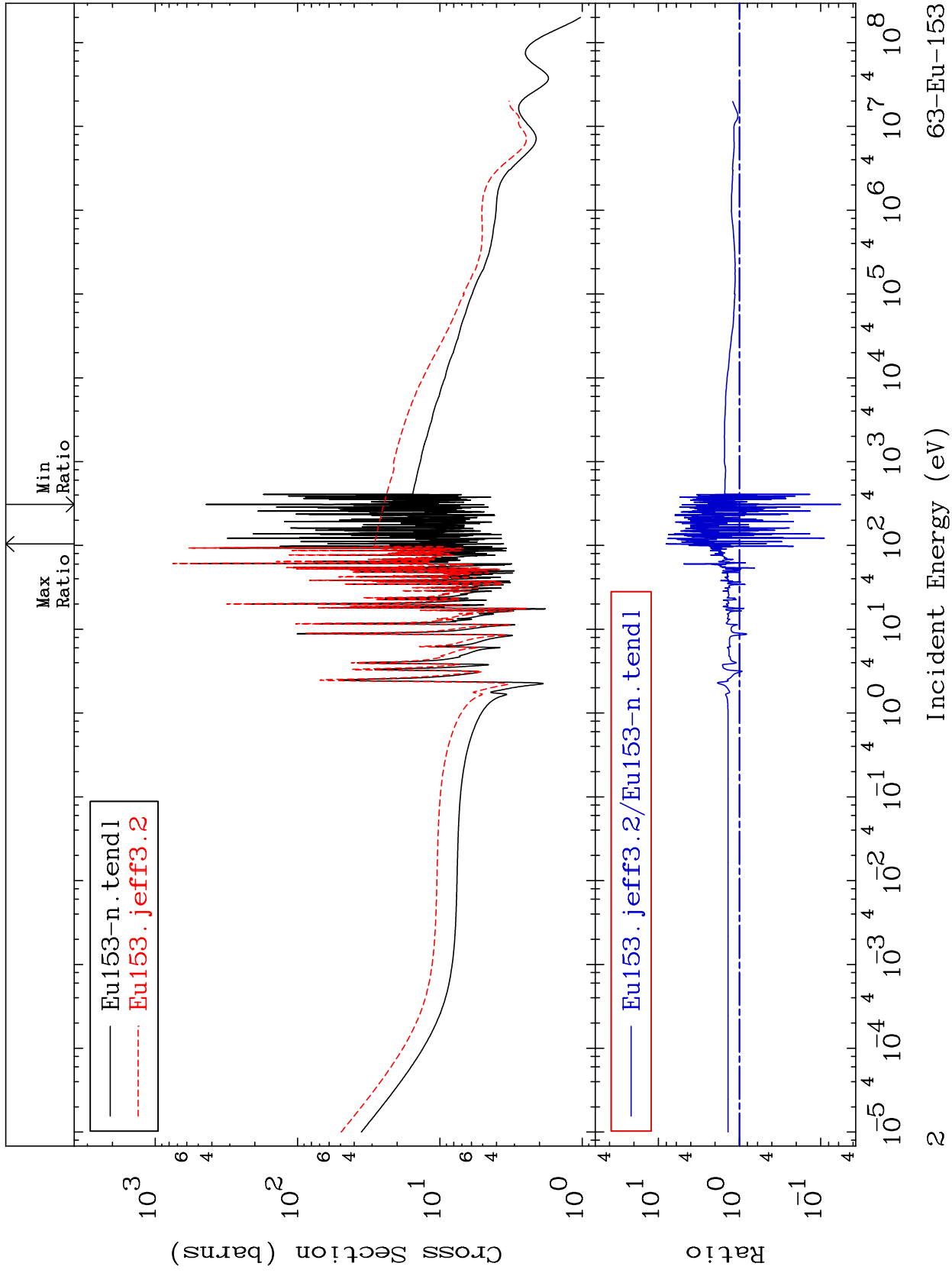
MAT 6331

Elastic

63-Eu-153

Cross Section

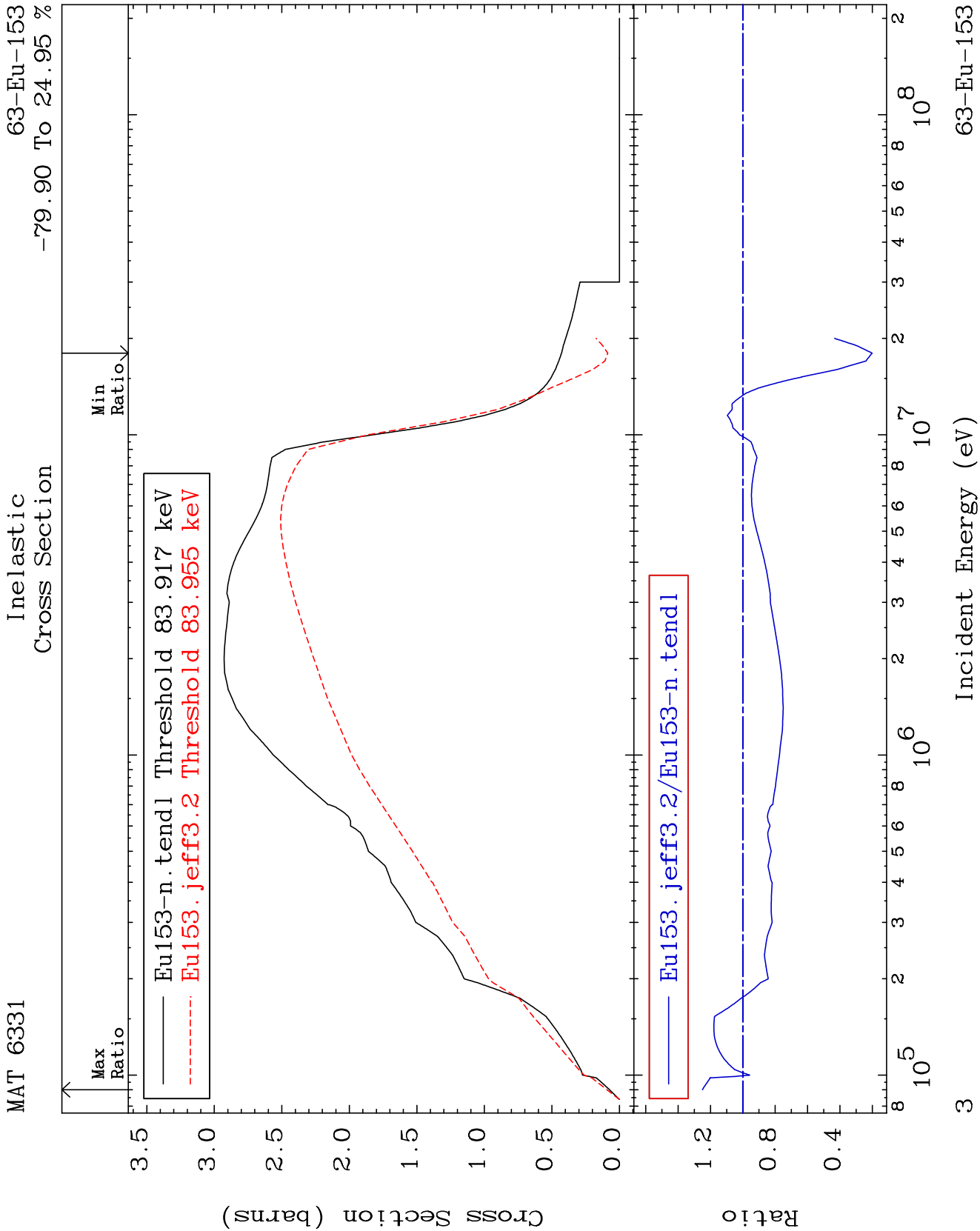
-94.36 To 706.2 %



63-Eu-153

Incident Energy (eV)

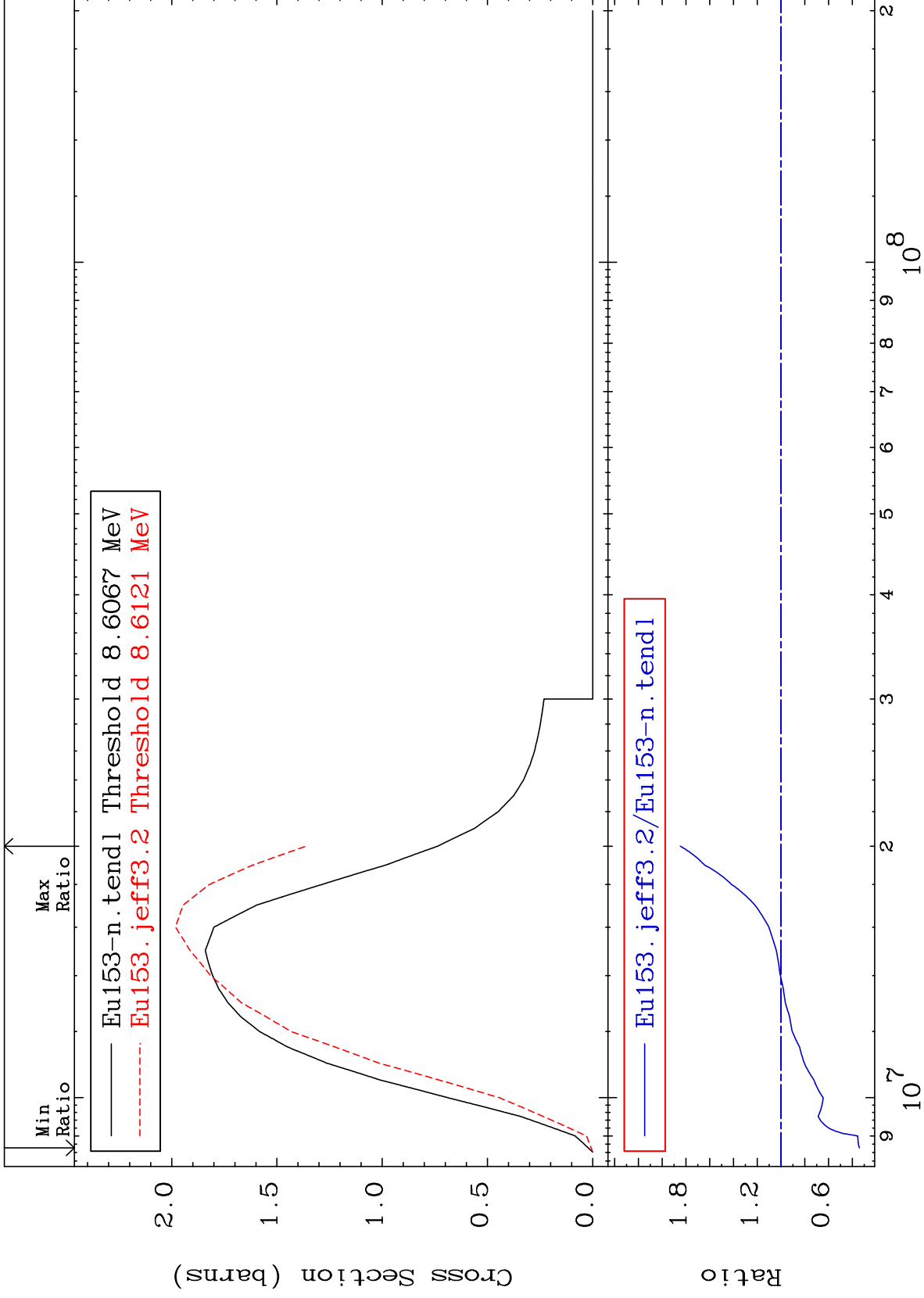
2



MAT 6331

(n,2n)
Cross Section

63-Eu-153
-66.05 To 84.72 %



4

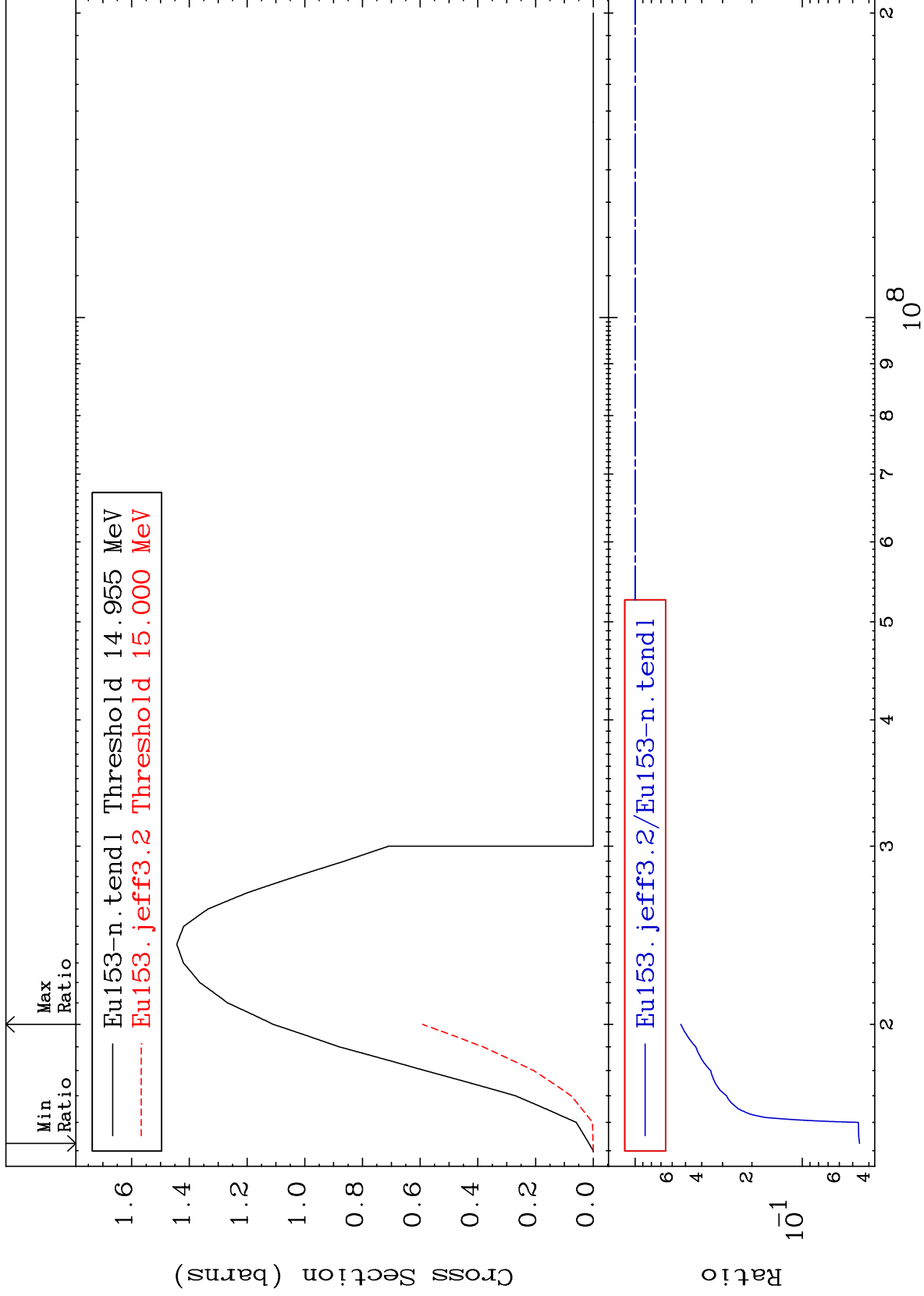
Incident Energy (eV)

63-Eu-153

MAT 6331

(n,3n)
Cross Section

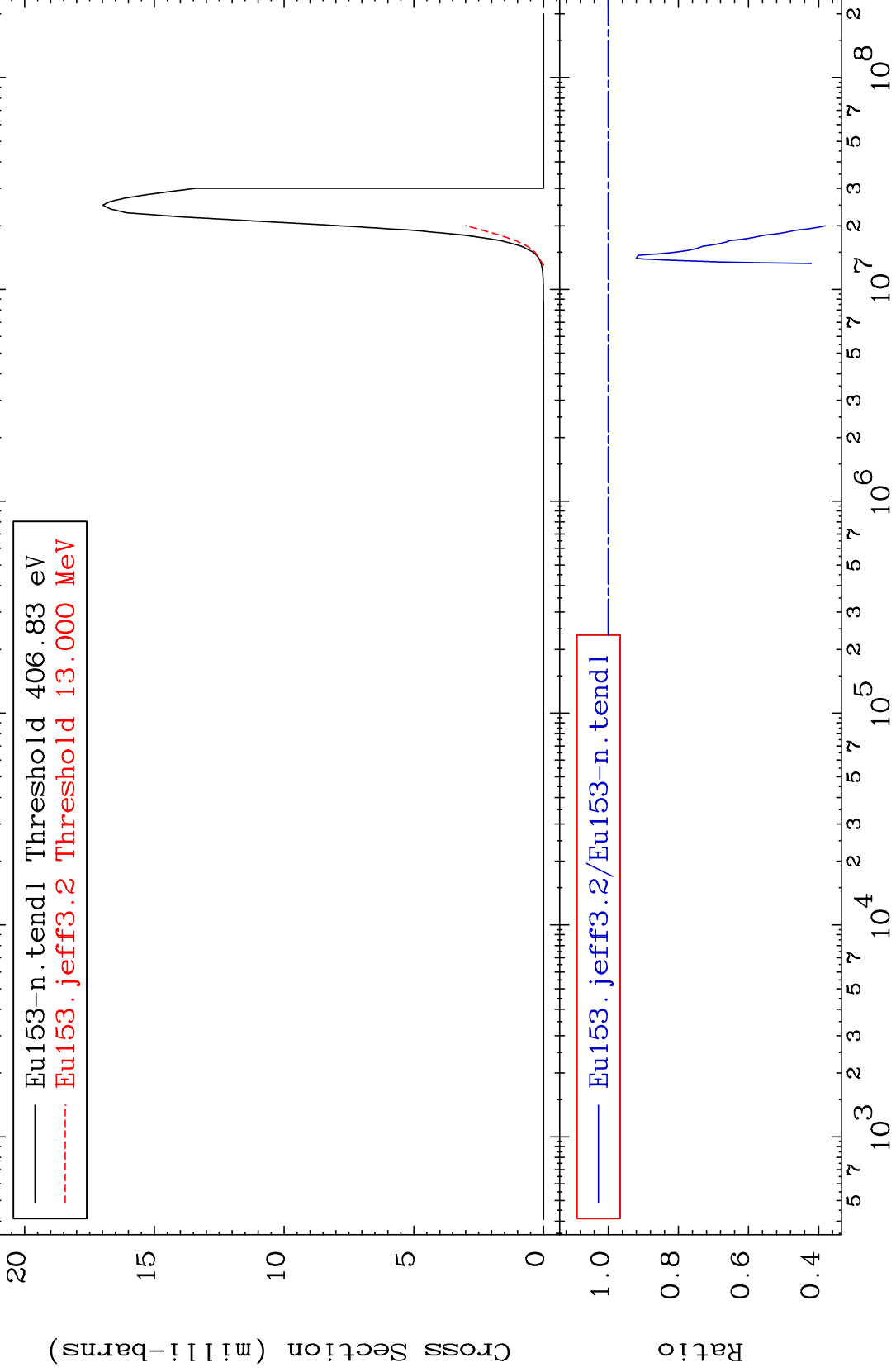
63-Eu-153
-95.45 To -46.67%



MAT 6331

(n, n') α
Cross Section

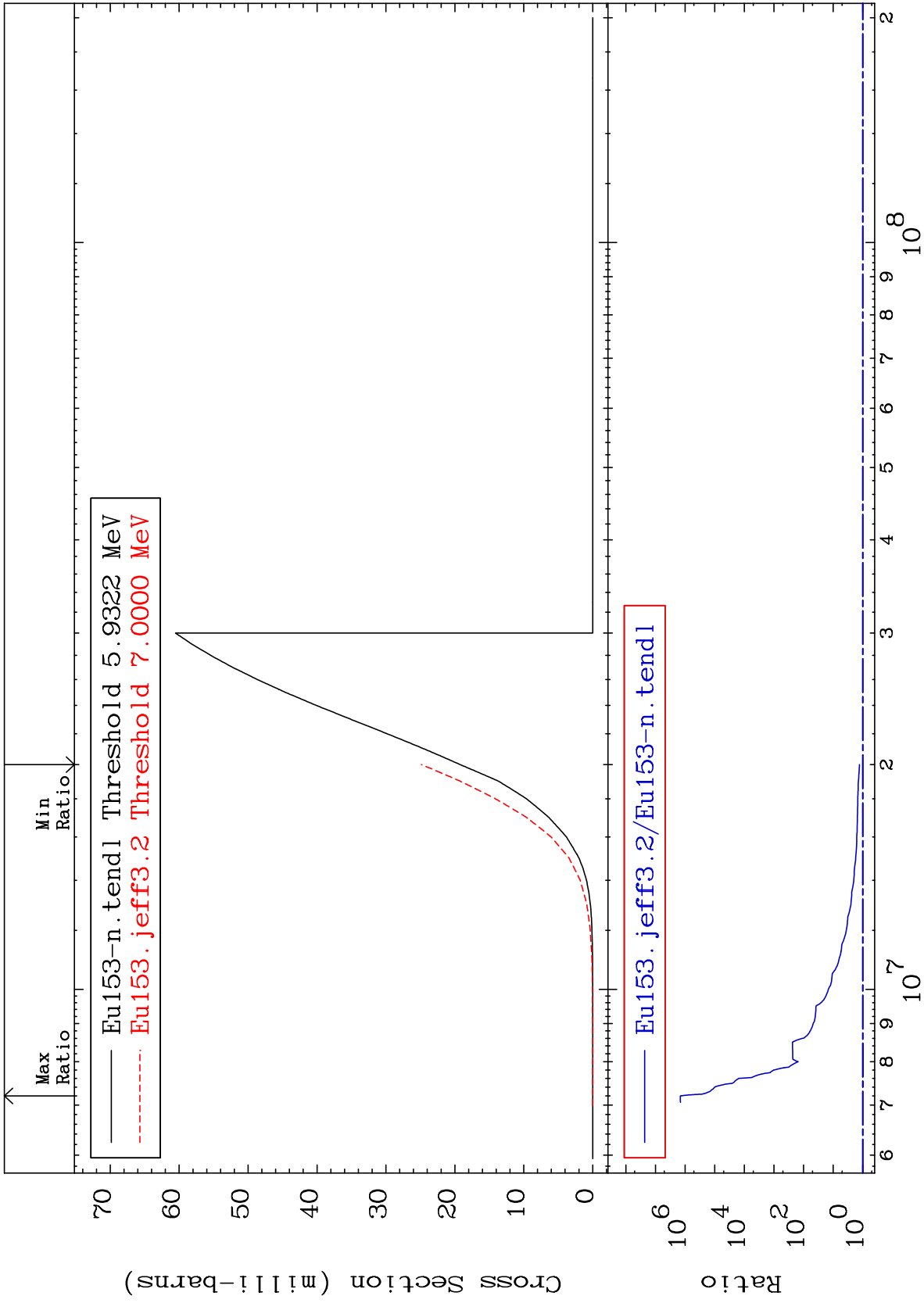
63-Eu-153
-61.91 To -7.928%



MAT 6331

(n, n') p
Cross Section

63-Eu-153
29.27 To 9999. %



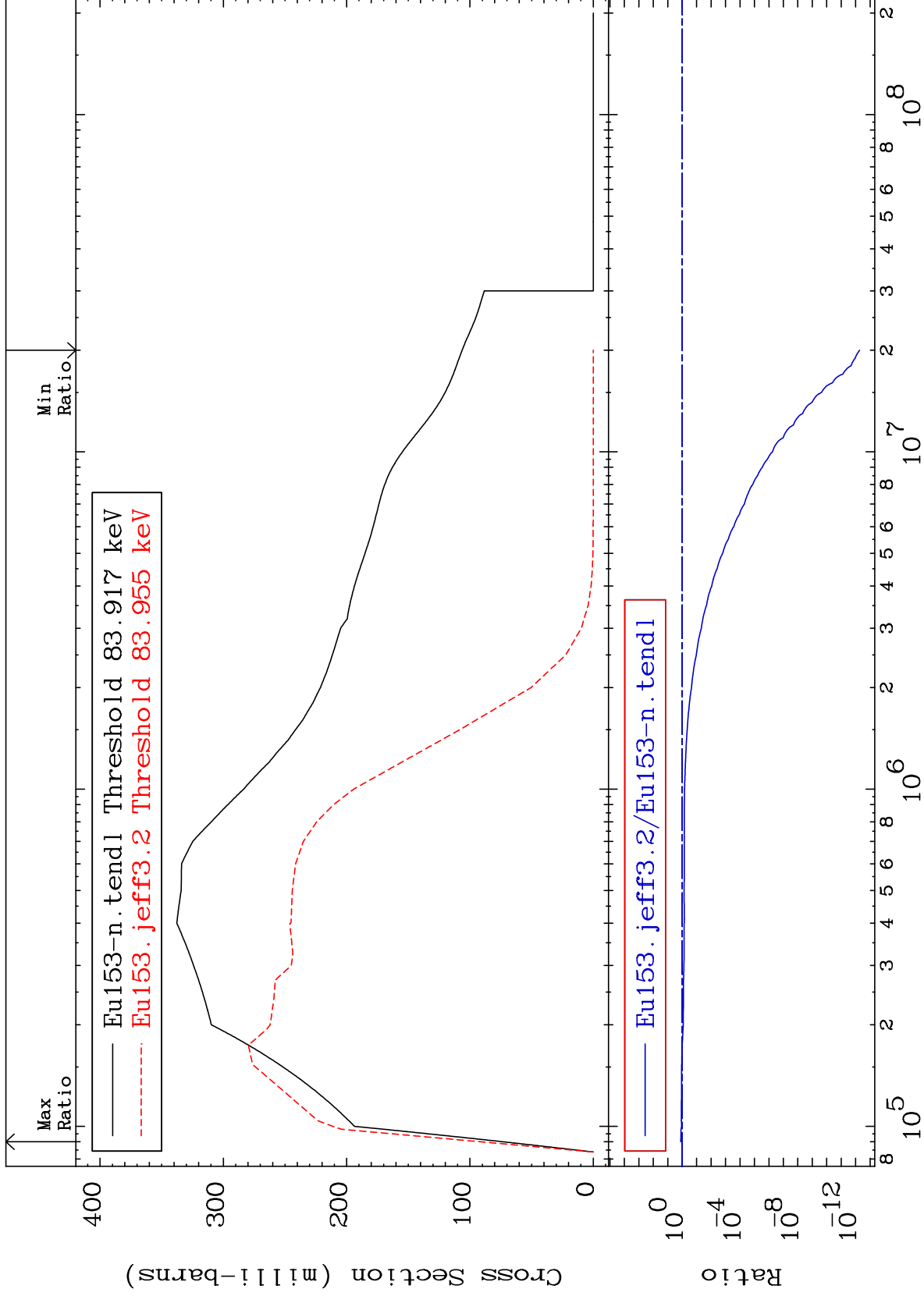
MAT 6331

83.37 keV (n,n') Level

63-Eu-153

-100.0 To 24.95 %

Cross Section



63-Eu-153

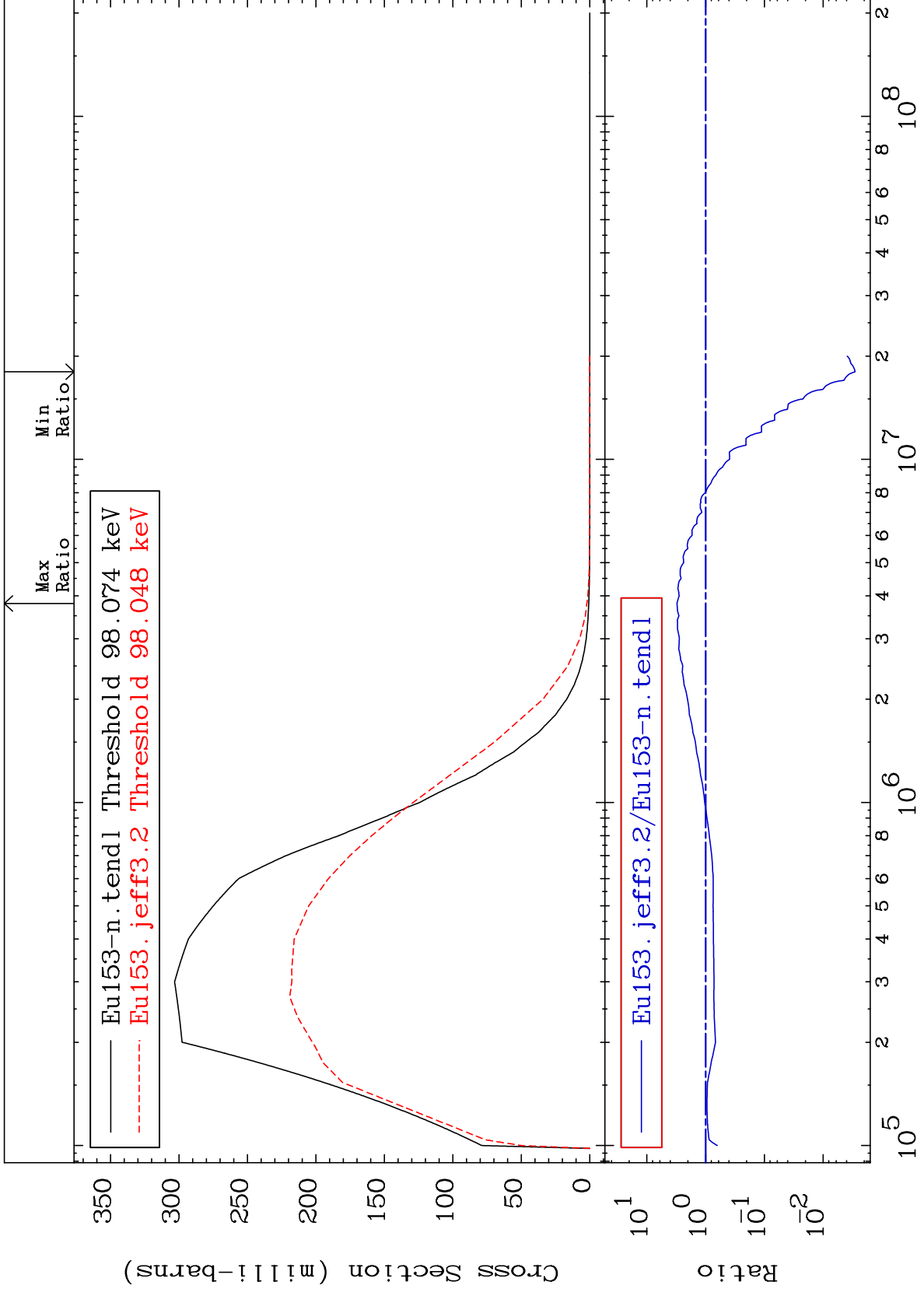
Incident Energy (eV)

8

MAT 6331

97.43 keV (n,n') Level
Cross Section

63-Eu-153
-99.71 To 207.9 %



9

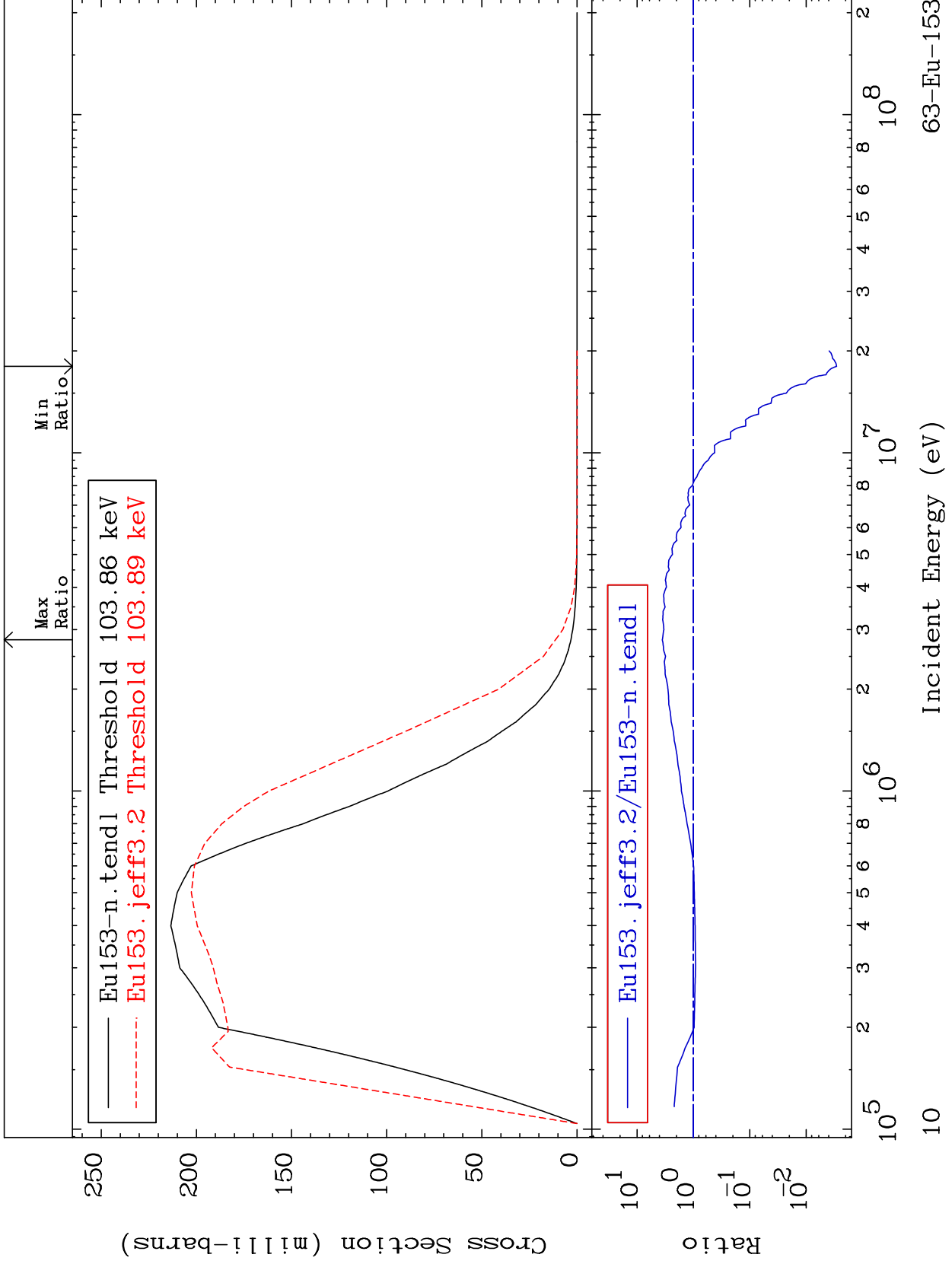
Incident Energy (eV)

63-Eu-153

MAT 6331

103.2 keV (n,n') Level
Cross Section

63-Eu-153
-99.71 To 255.9 %



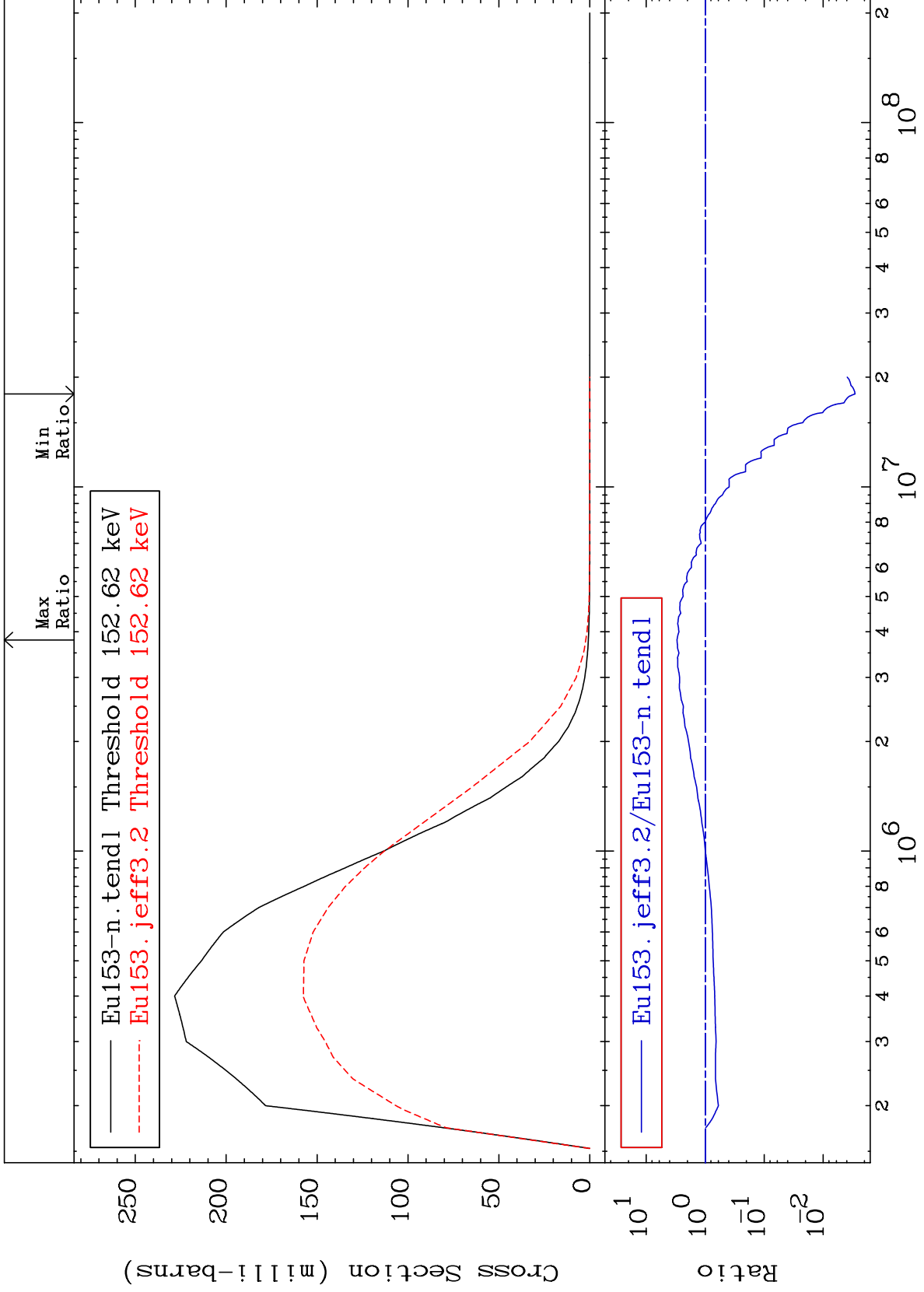
Incident Energy (eV)

63-Eu-153

MAT 6331

151.6 keV (n,n') Level
Cross Section

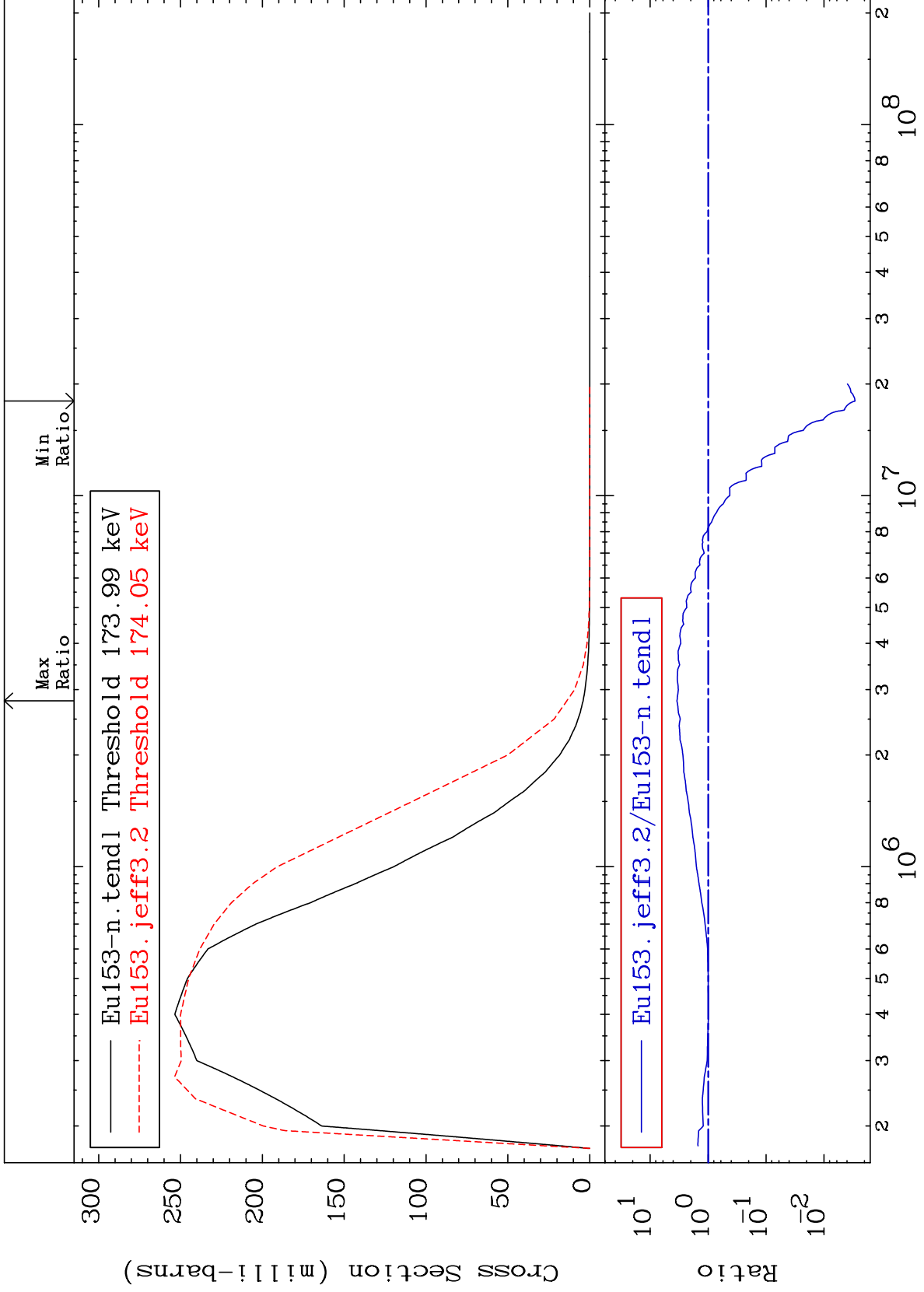
63-Eu-153
-99.71 To 201.9 %



MAT 6331

172.9 keV (n,n') Level
Cross Section

63-Eu-153
-99.71 To 245.6 %

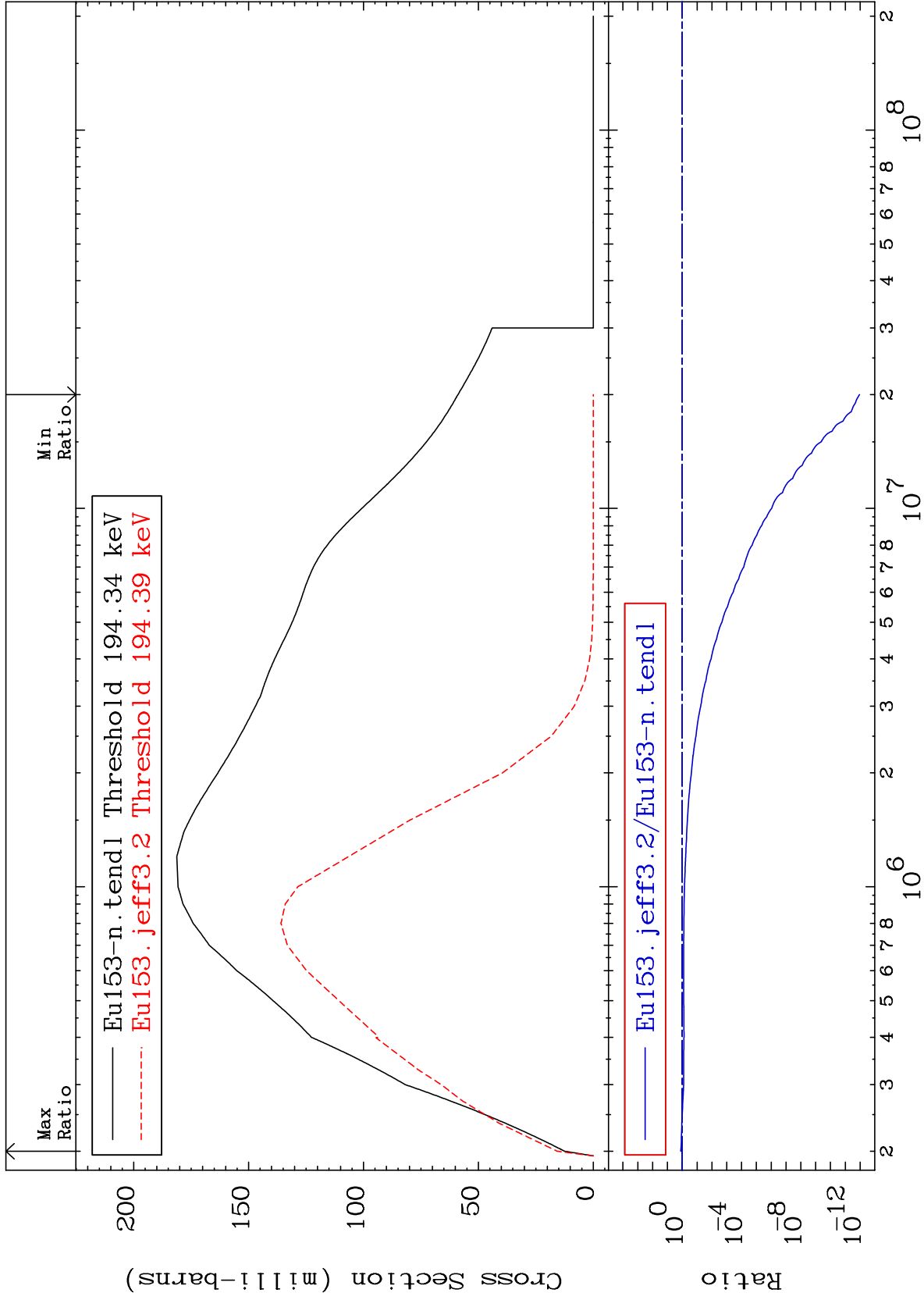


12

Incident Energy (eV)

63-Eu-153

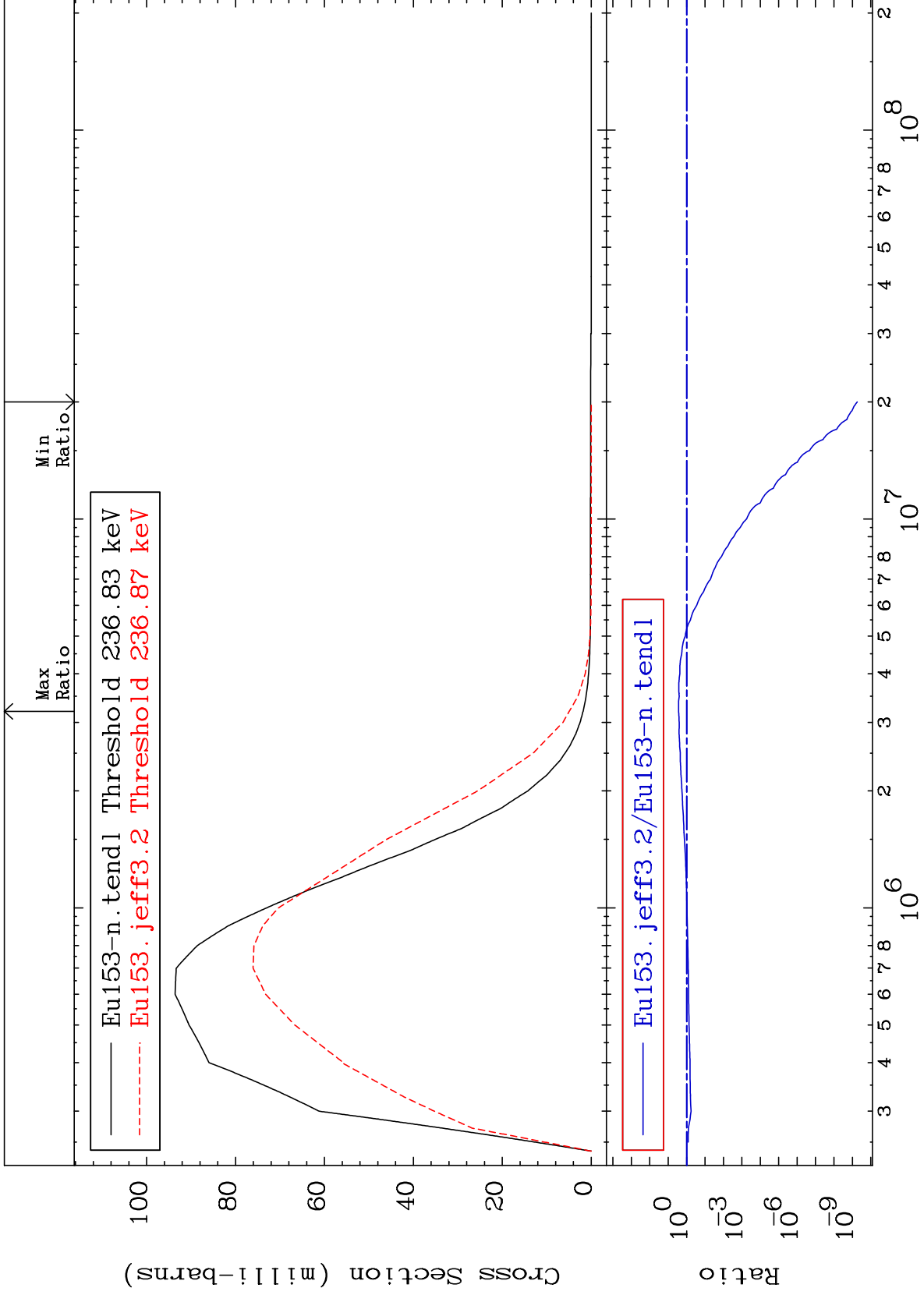
MAT 6331 193.1 keV (n,n') Level 63-Eu-153
 Cross Section -100.0 To 25.66 %



MAT 6331

235.3 keV (n,n') Level
Cross Section

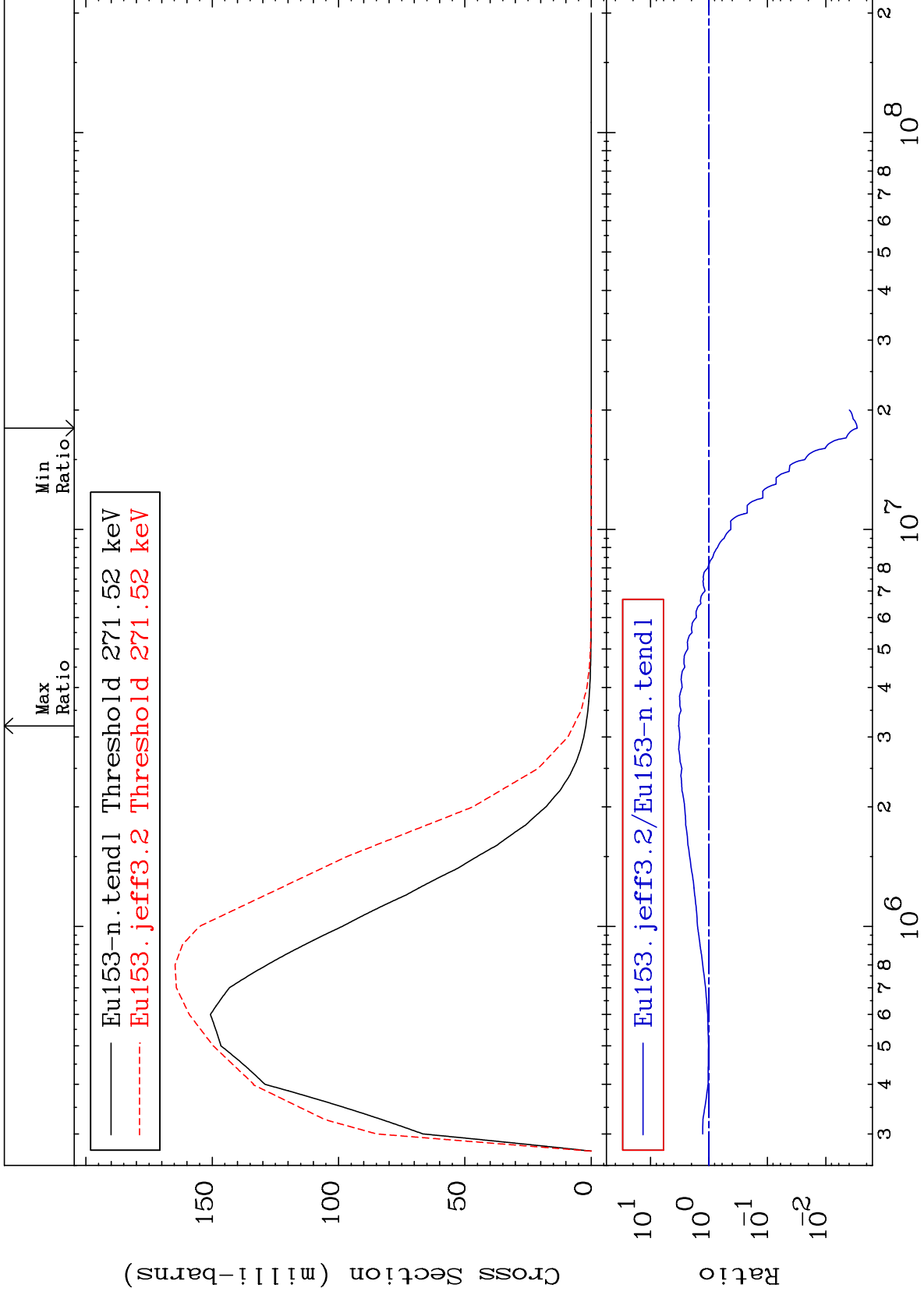
63-Eu-153
-100.0 To 170.7 %



MAT 6331

269.7 keV (n,n') Level
Cross Section

63-Eu-153
-99.71 To 230.9 %



15

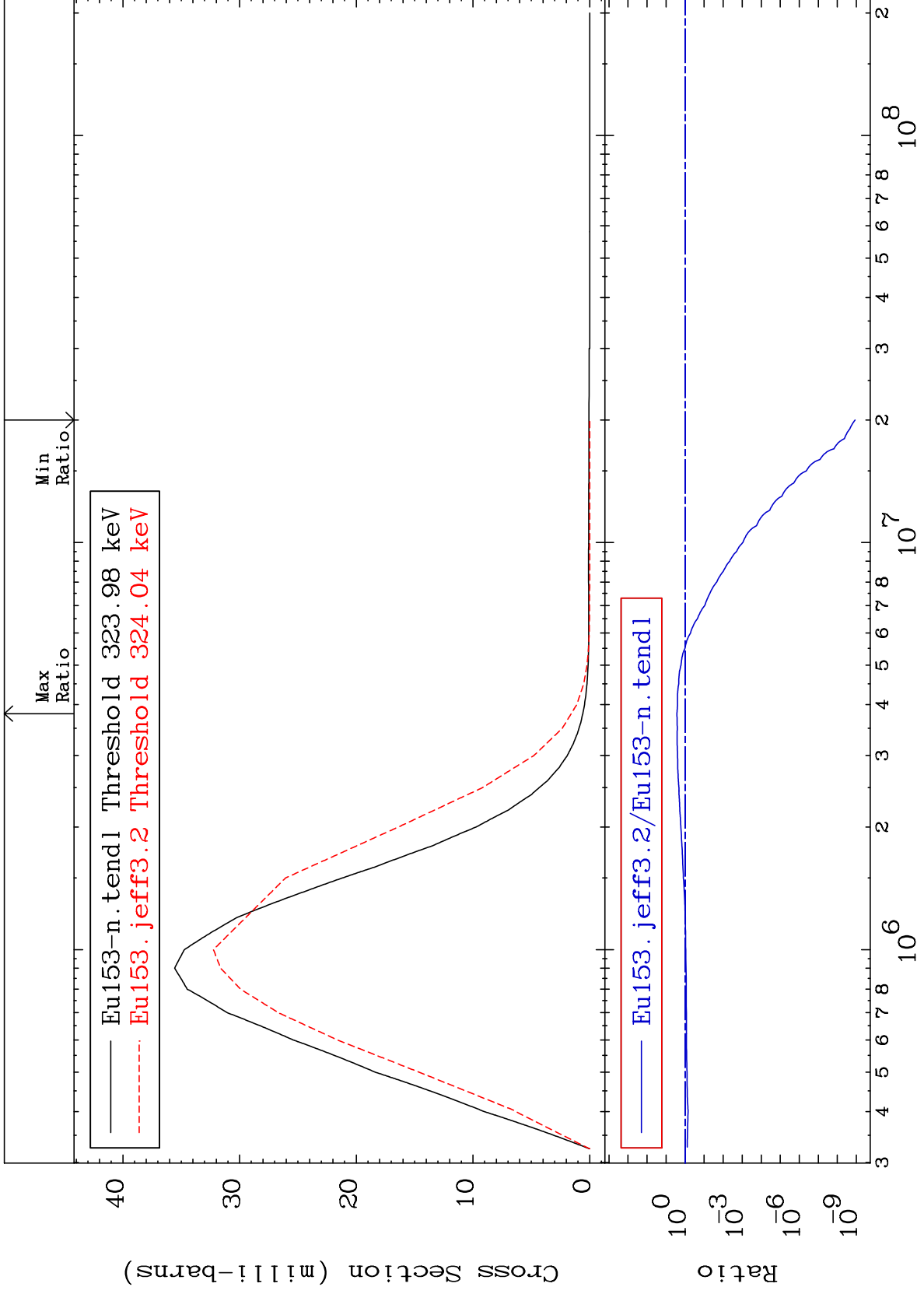
Incident Energy (eV)

63-Eu-153

MAT 6331

321.9 keV (n,n') Level
Cross Section

63-Eu-153
-100.0 To 168.8 %



16

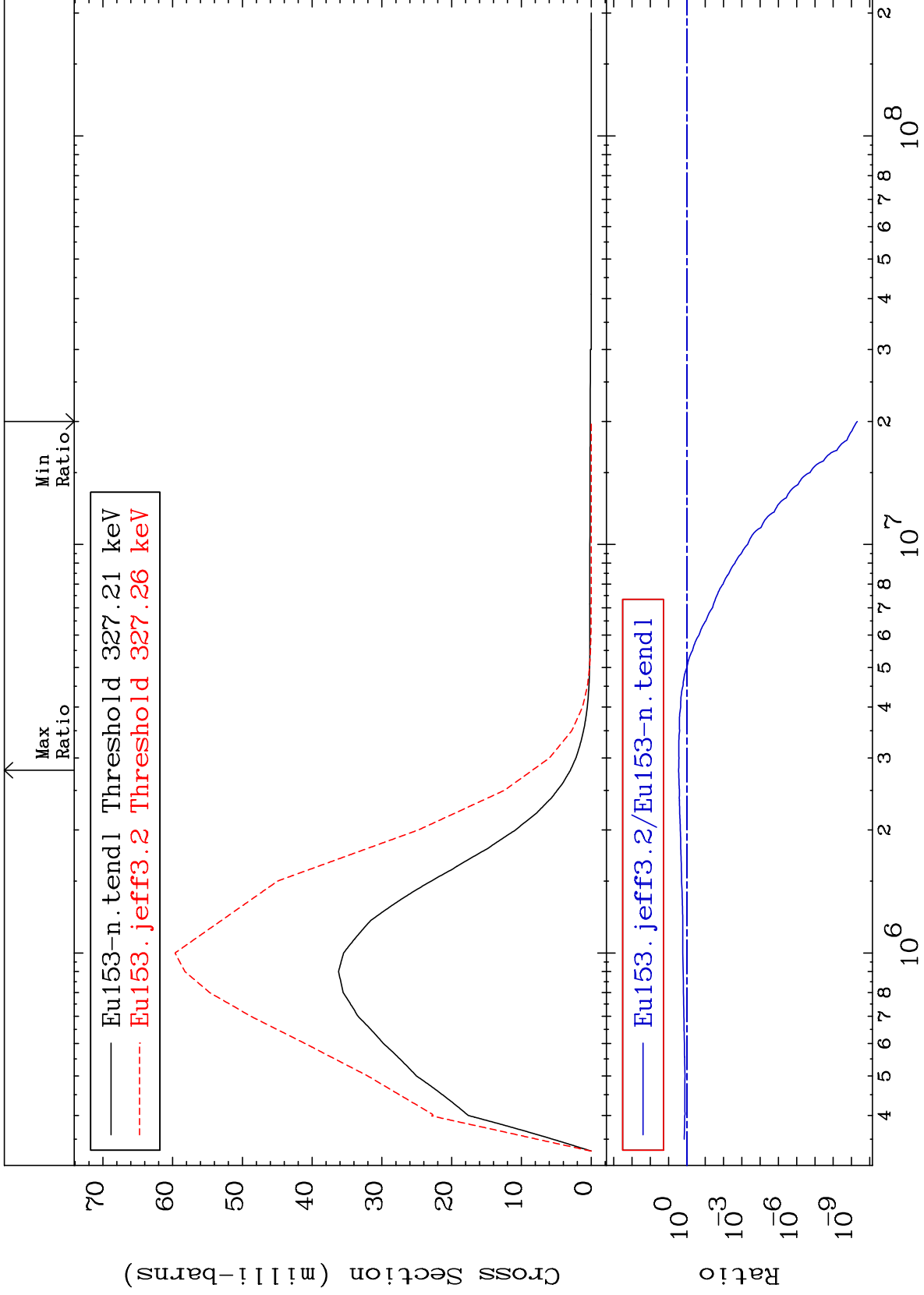
Incident Energy (eV)

63-Eu-153

MAT 6331

325.1 keV (n,n') Level
Cross Section

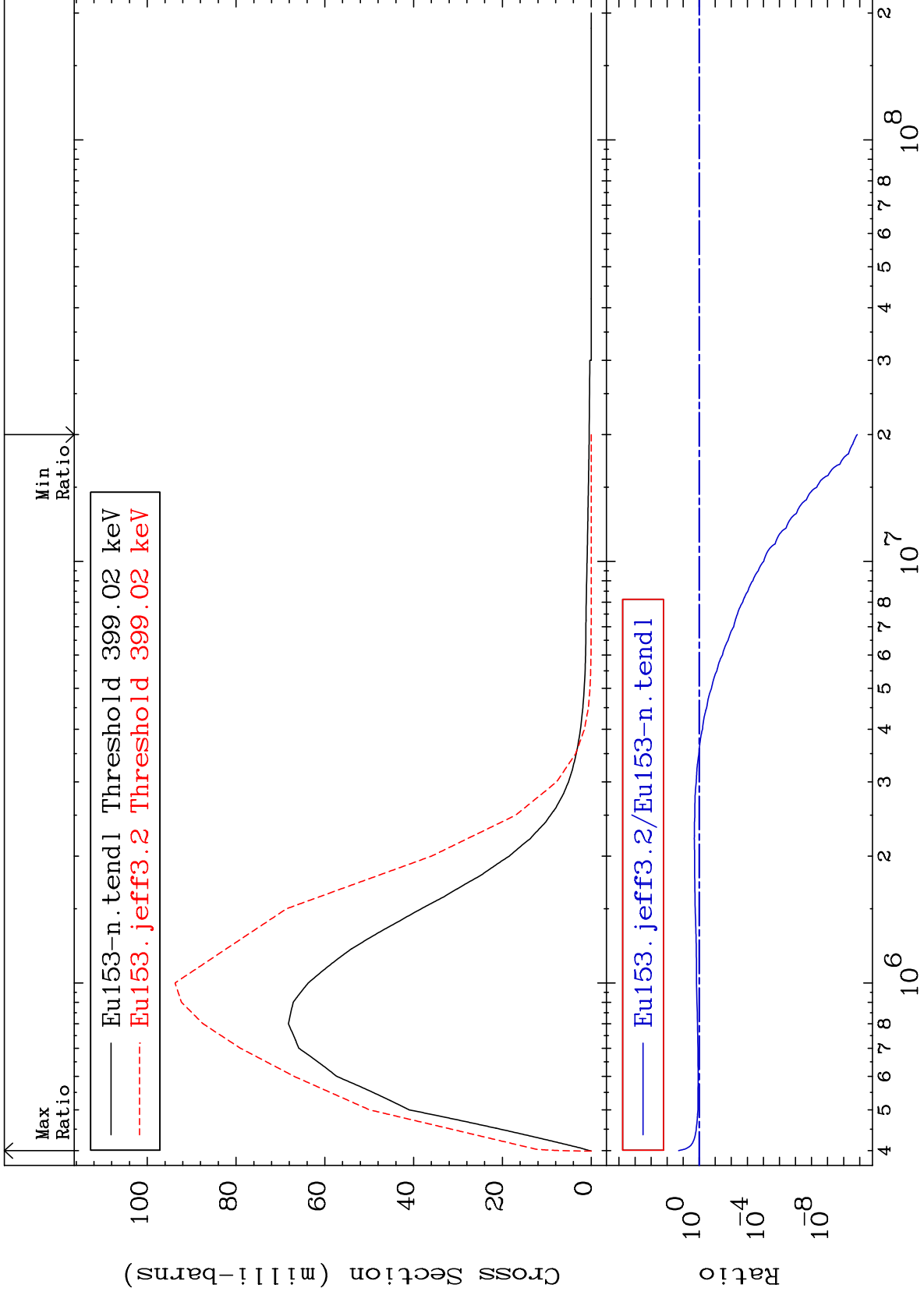
63-Eu-153
-100.0 To 182.8 %



MAT 6331

396.4 keV (n,n') Level
Cross Section

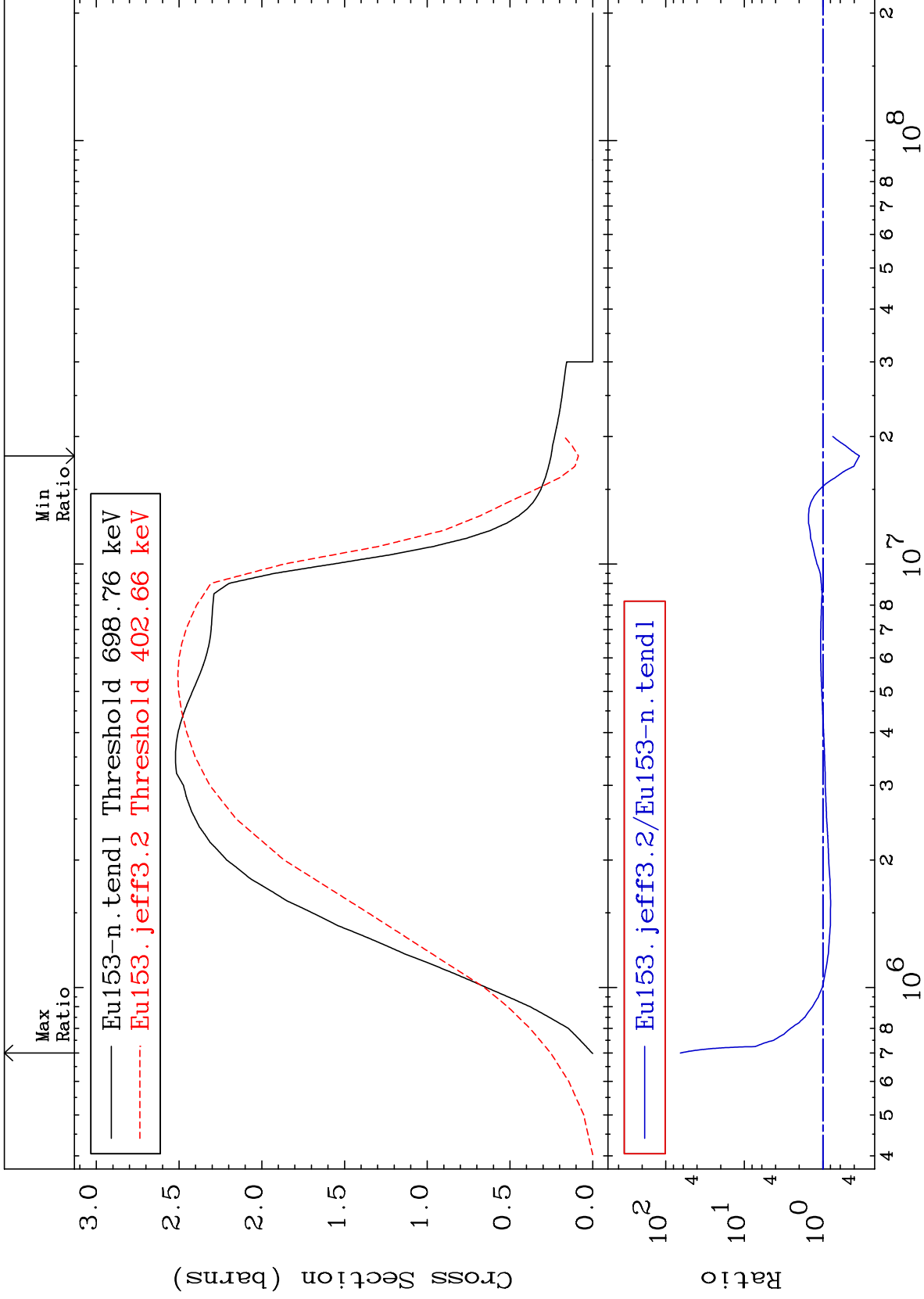
63-Eu-153
-100.0 To 1815. %



MAT 6331

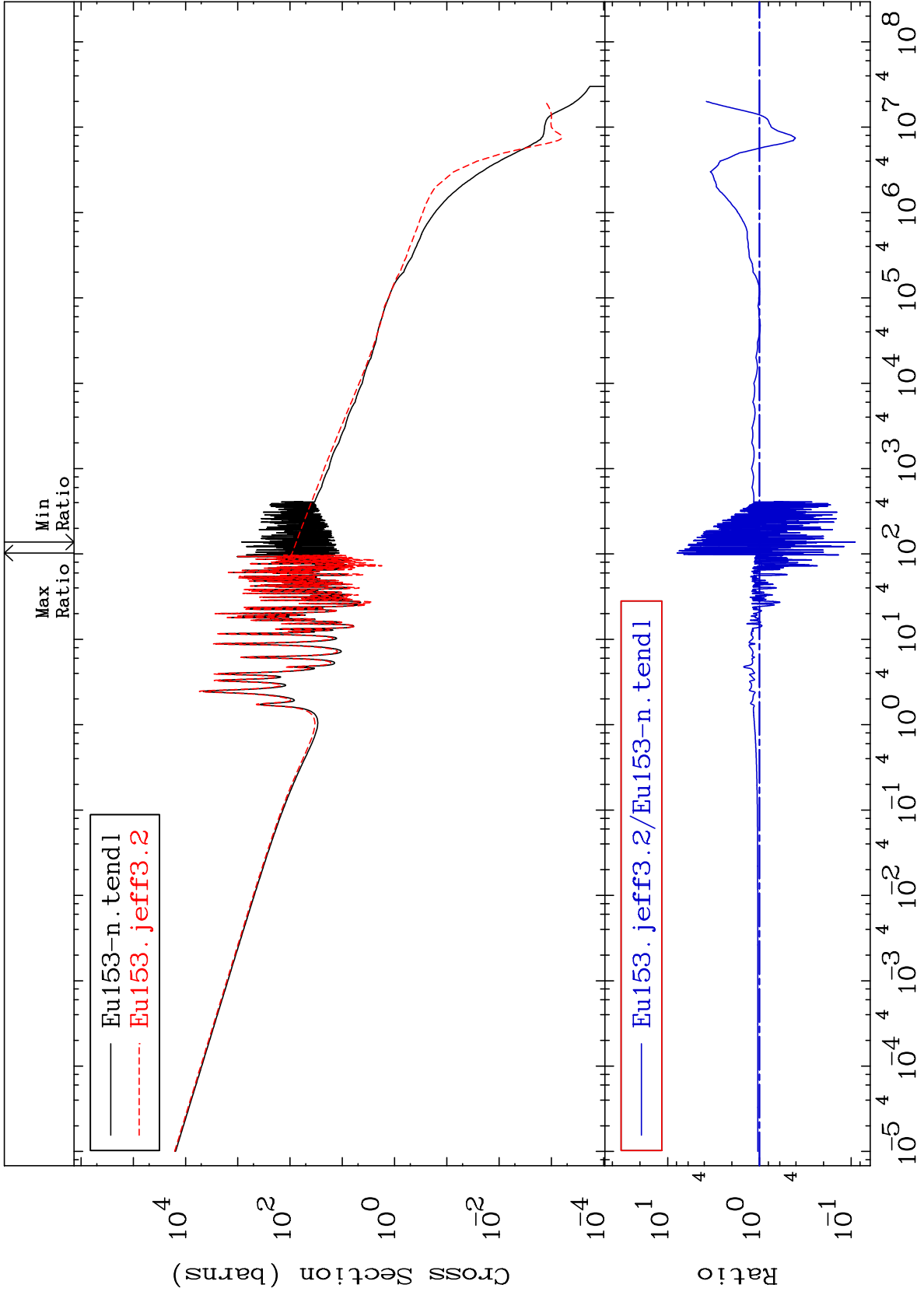
(n, n') Continuum
Cross Section

63-Eu-153
-65.72 To 6425. %



MAT 6331

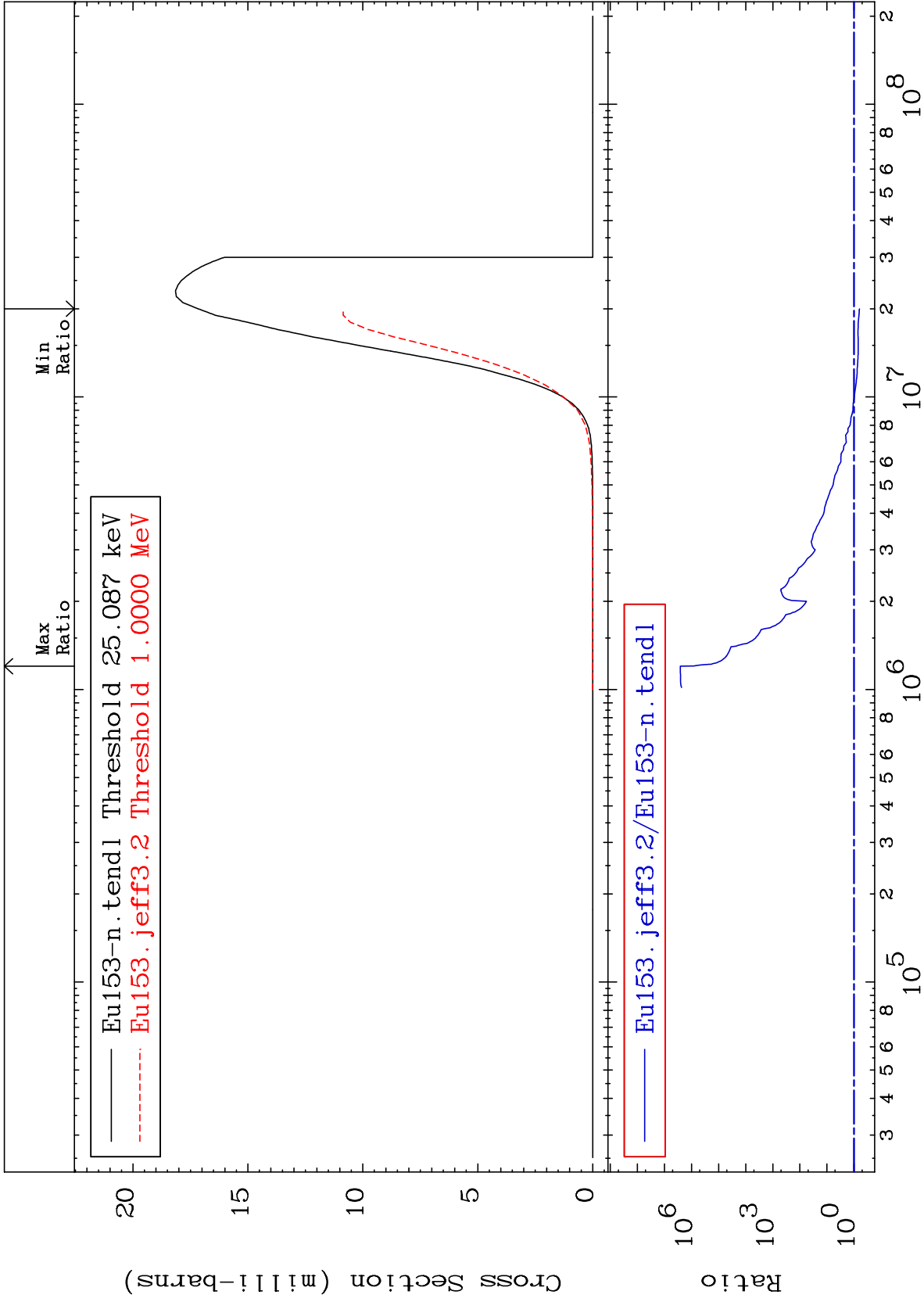
(n, γ)
Cross Section
63-Eu-153
-90.94 To 692.4 %



20

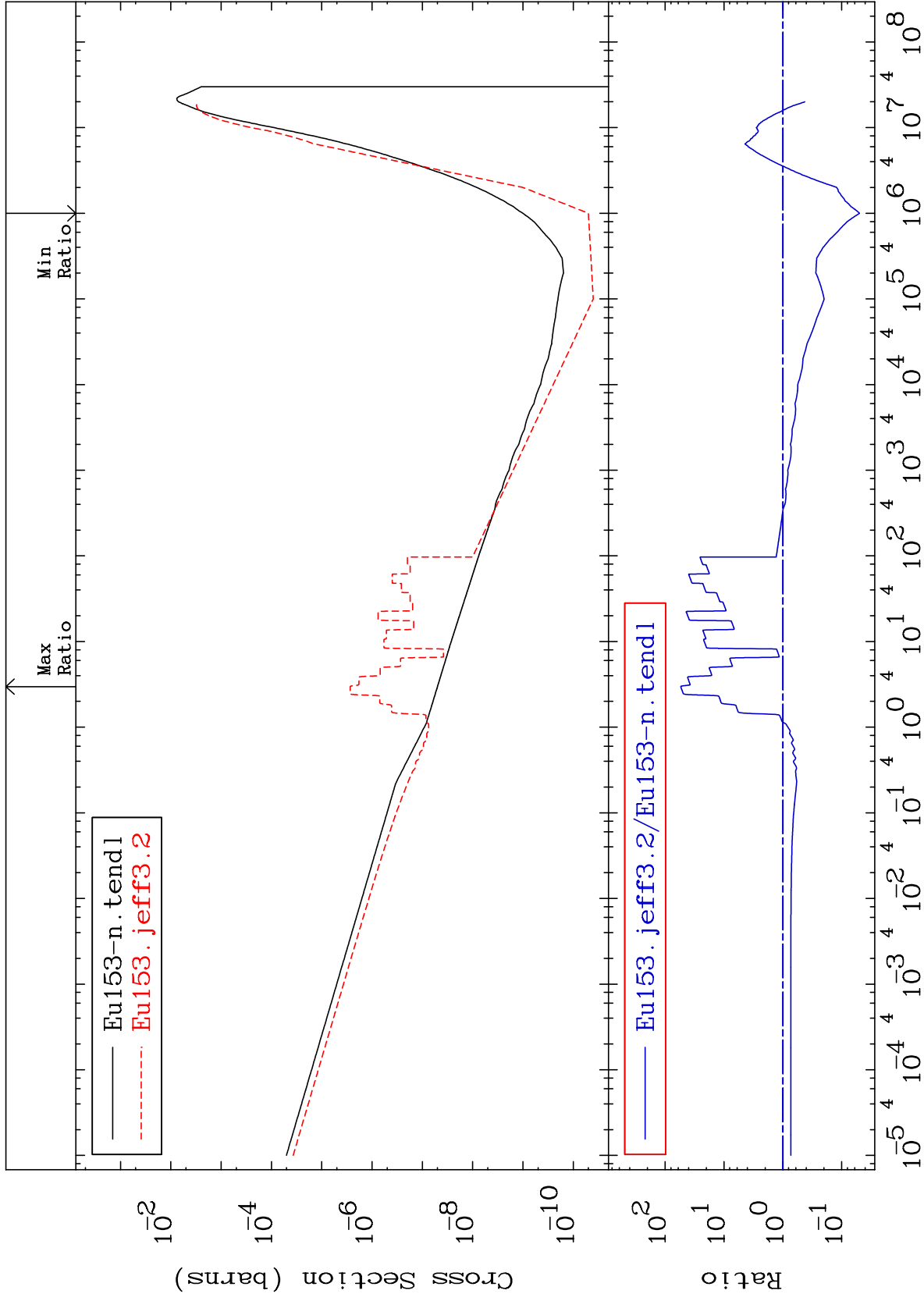
Incident Energy (eV)

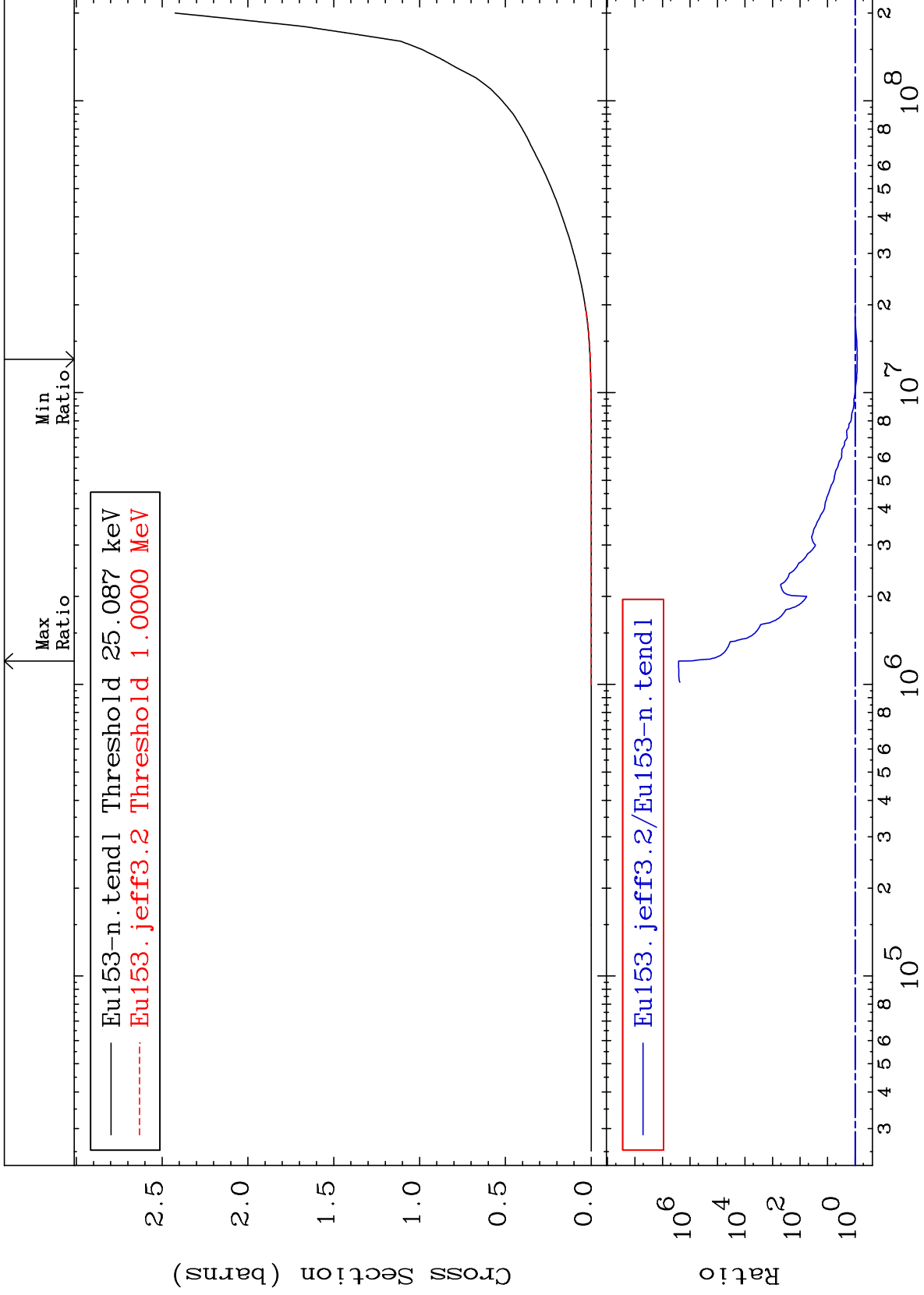
63-Eu-153



MAT 6331

(n, α)
Cross Section
63-Eu-153
-95.02 To 5328. %

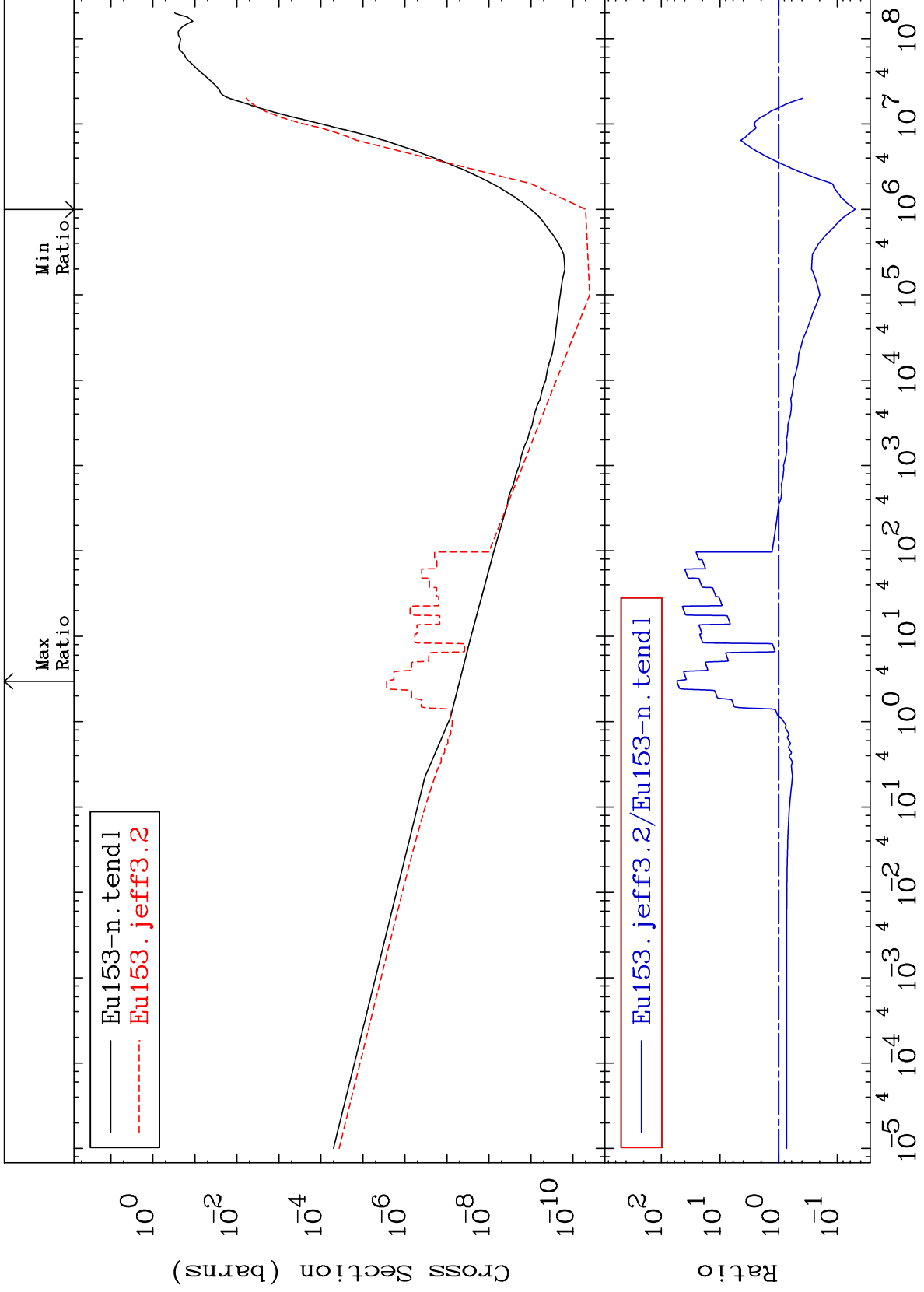




MAT 6331

He-4 Production
Cross Section

63-Eu-153
-95.02 To 5328. %



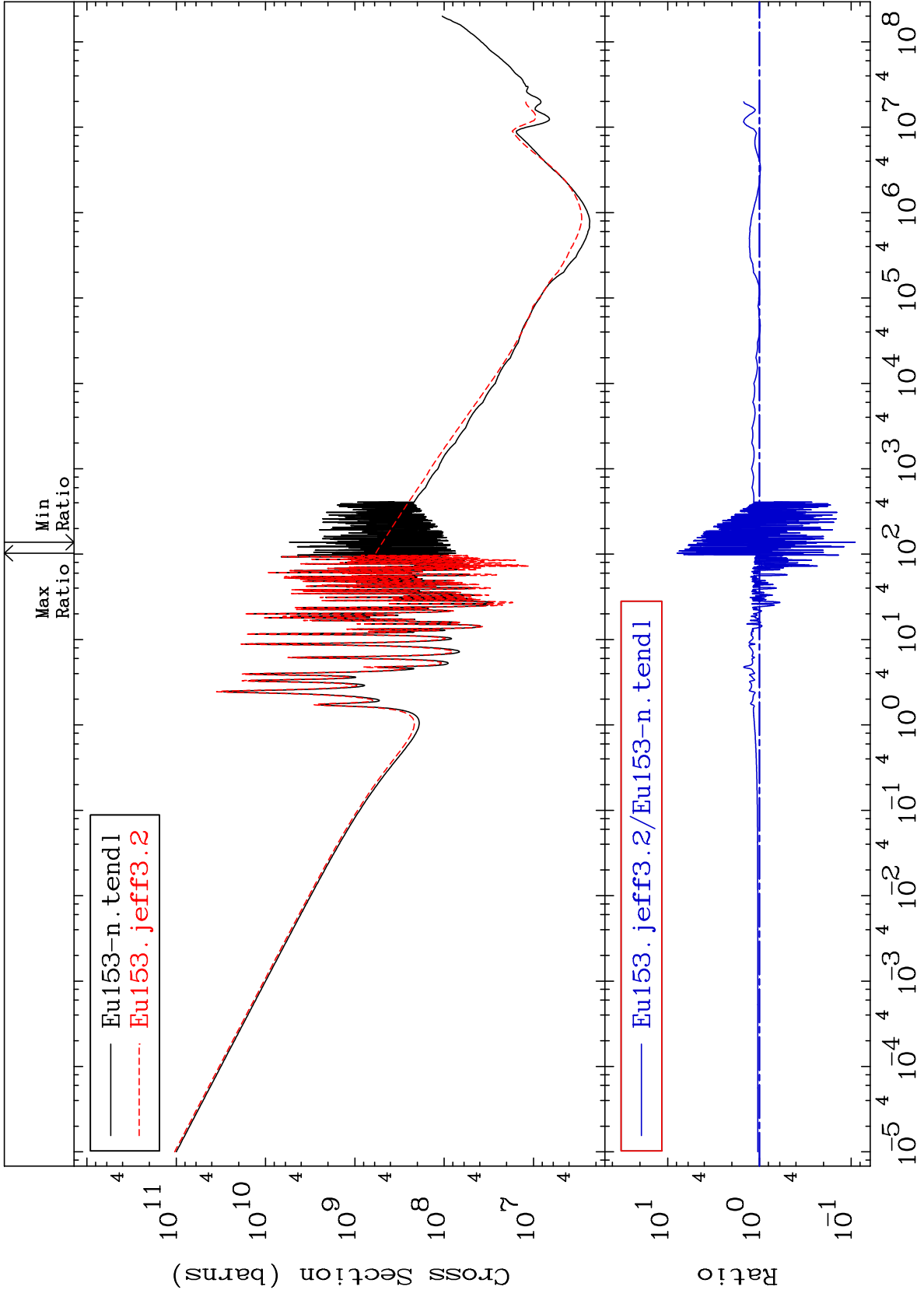
MAT 6331

Kerma total (eV-barns)

63-Eu-153

Cross Section

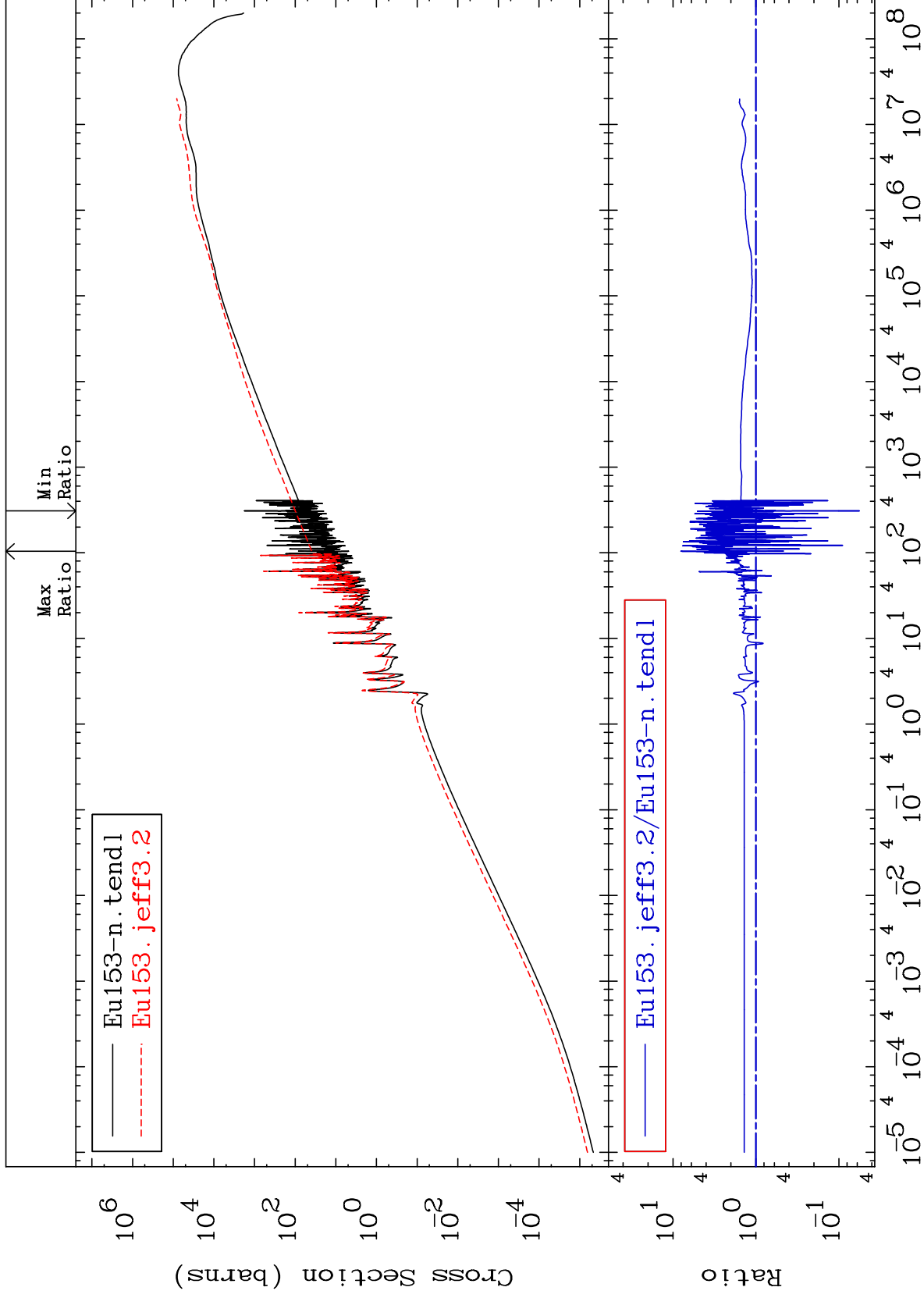
-90.94 To 692.4 %



MAT 6331

Kerma elastic
Cross Section

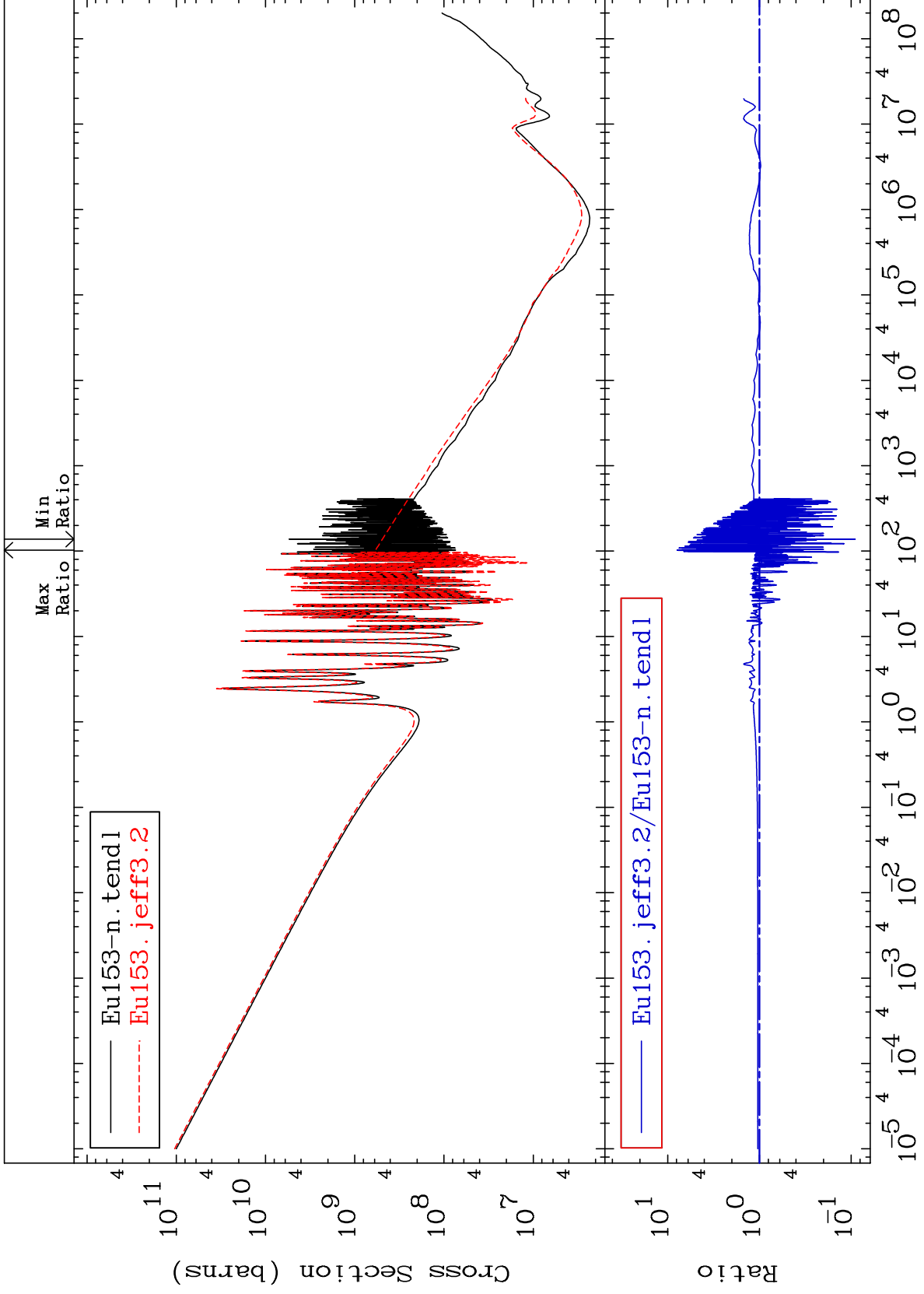
63-Eu-153
-94.36 To 706.2 %



MAT 6331

Kerma non-elastic (all but mt2)
Cross Section

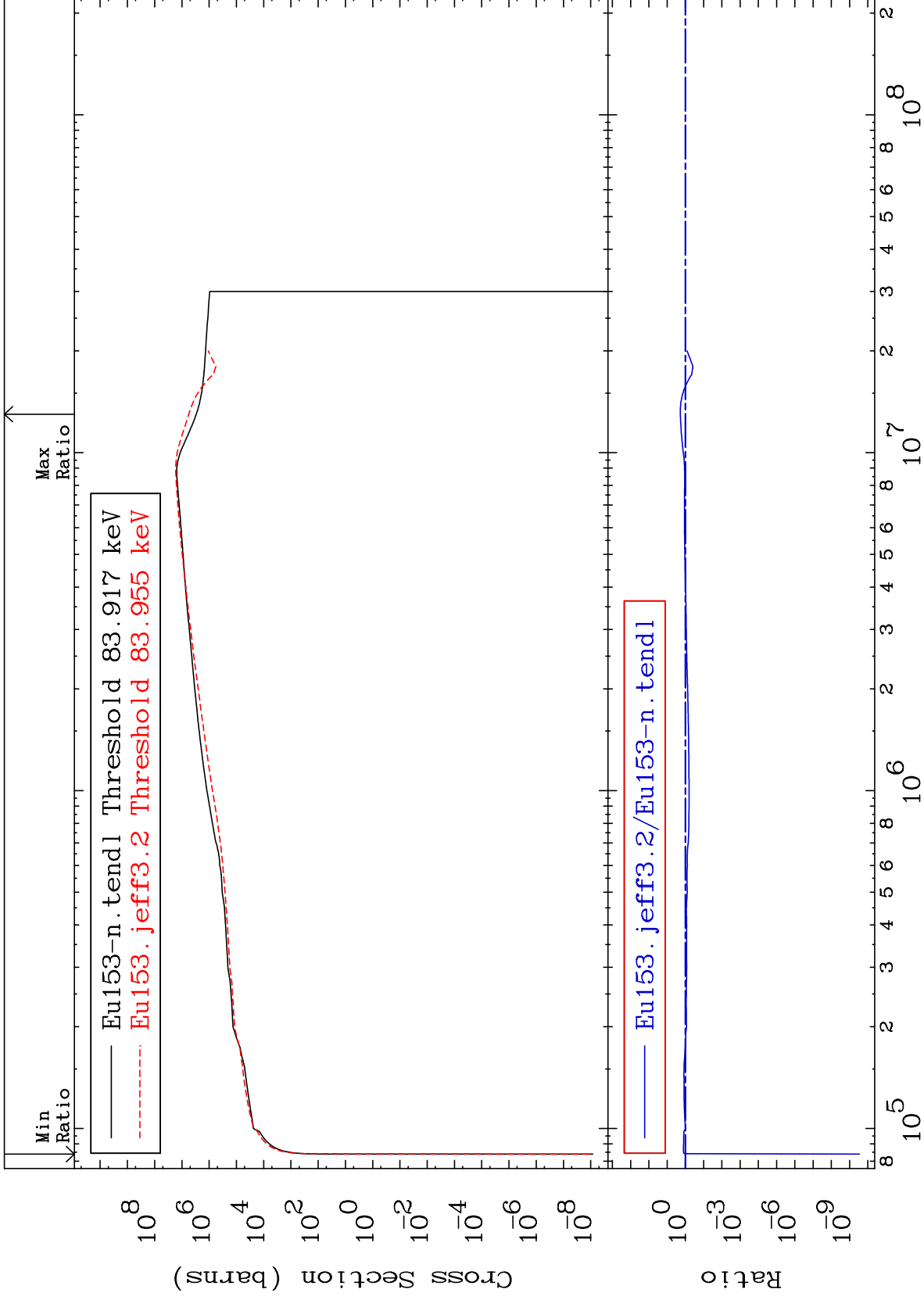
63-Eu-153
-90.94 To 692.4 %



MAT 6331

Kerma inelastic (mt51-91)
Cross Section

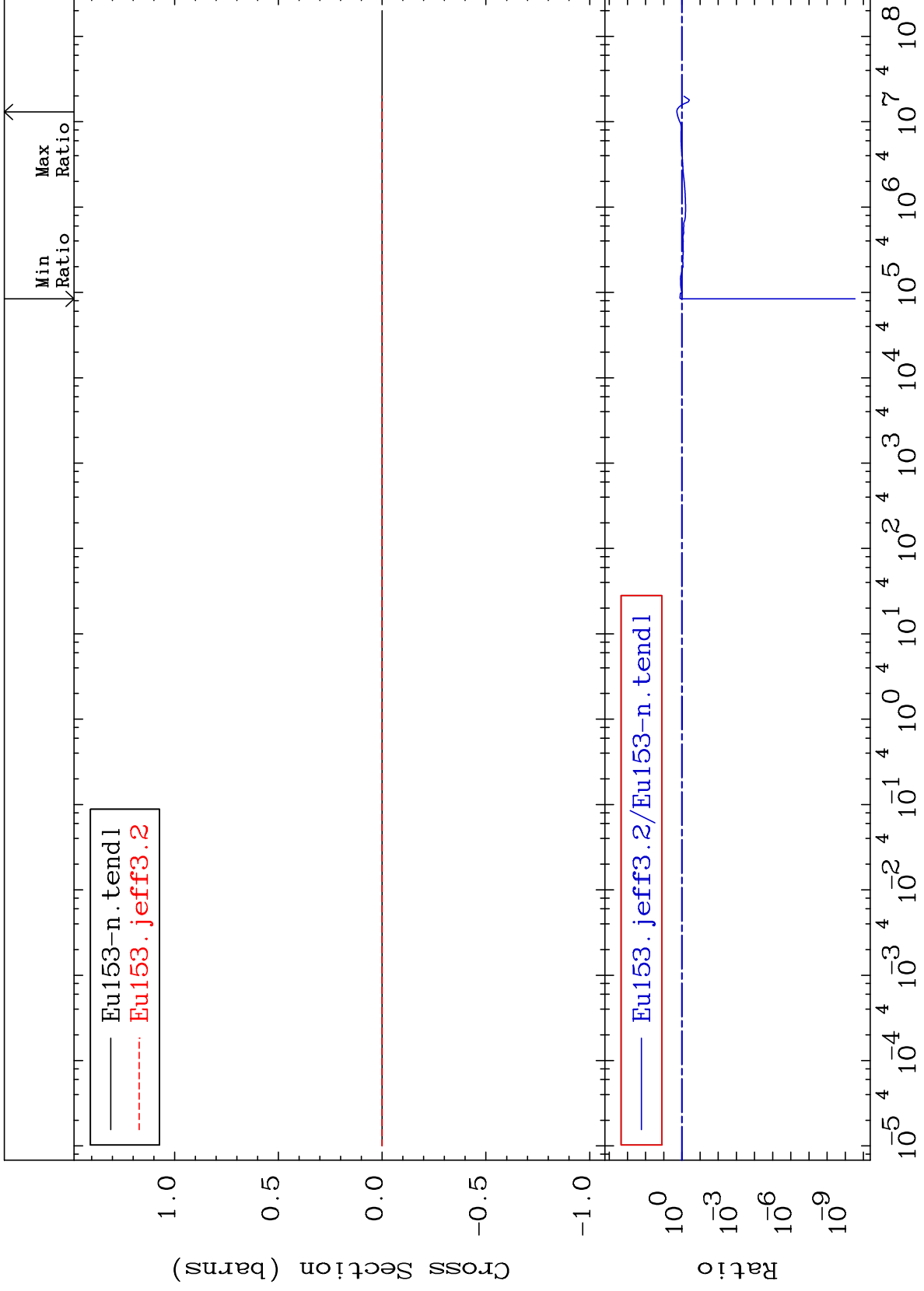
63-Eu-153
-100.0 To 87.67 %



MAT 6331

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

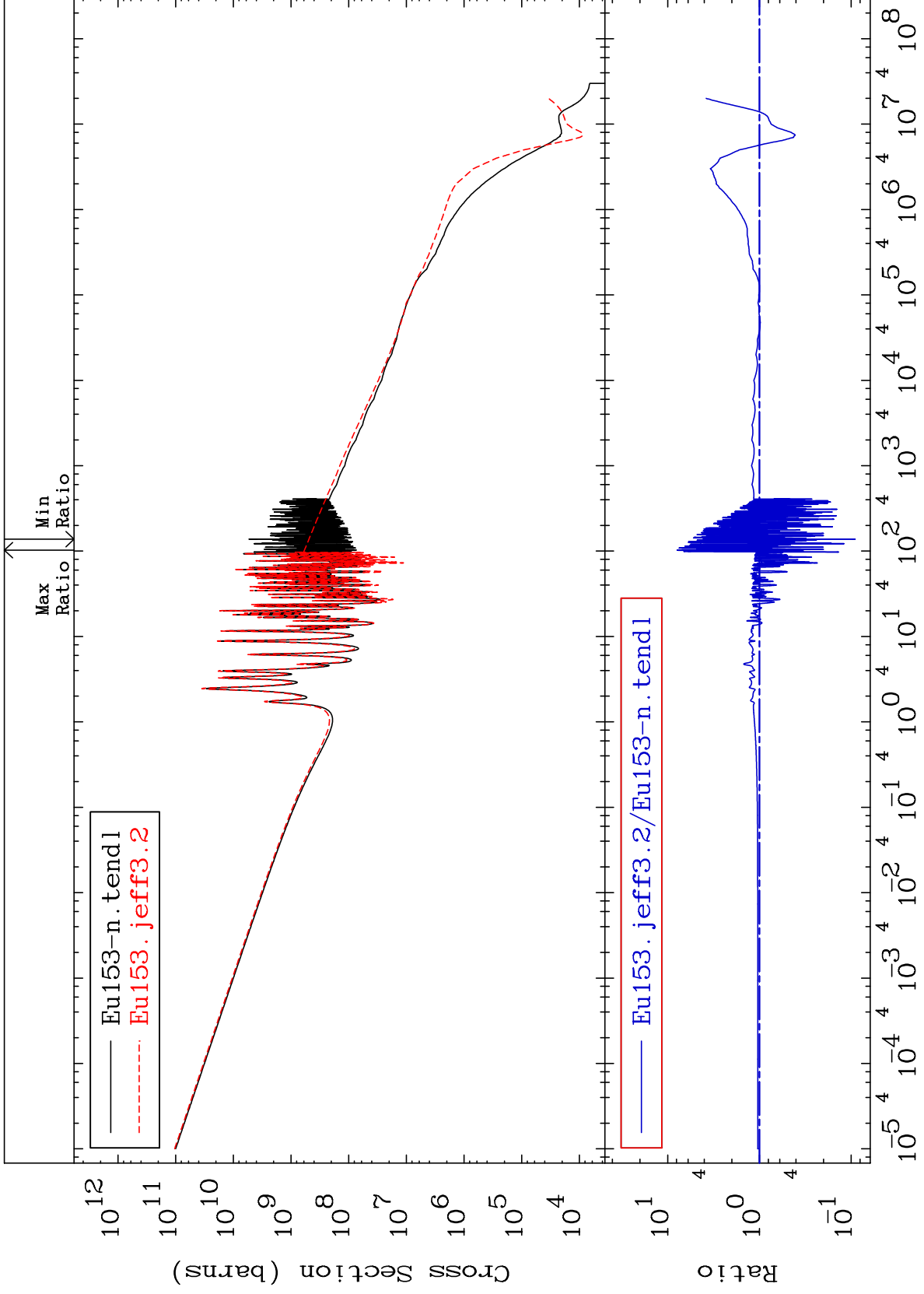
63-Eu-153
-100.0 To 87.67 %



MAT 6331

Kerma capture (mt102)
Cross Section

63-Eu-153
-90.94 To 692.4 %

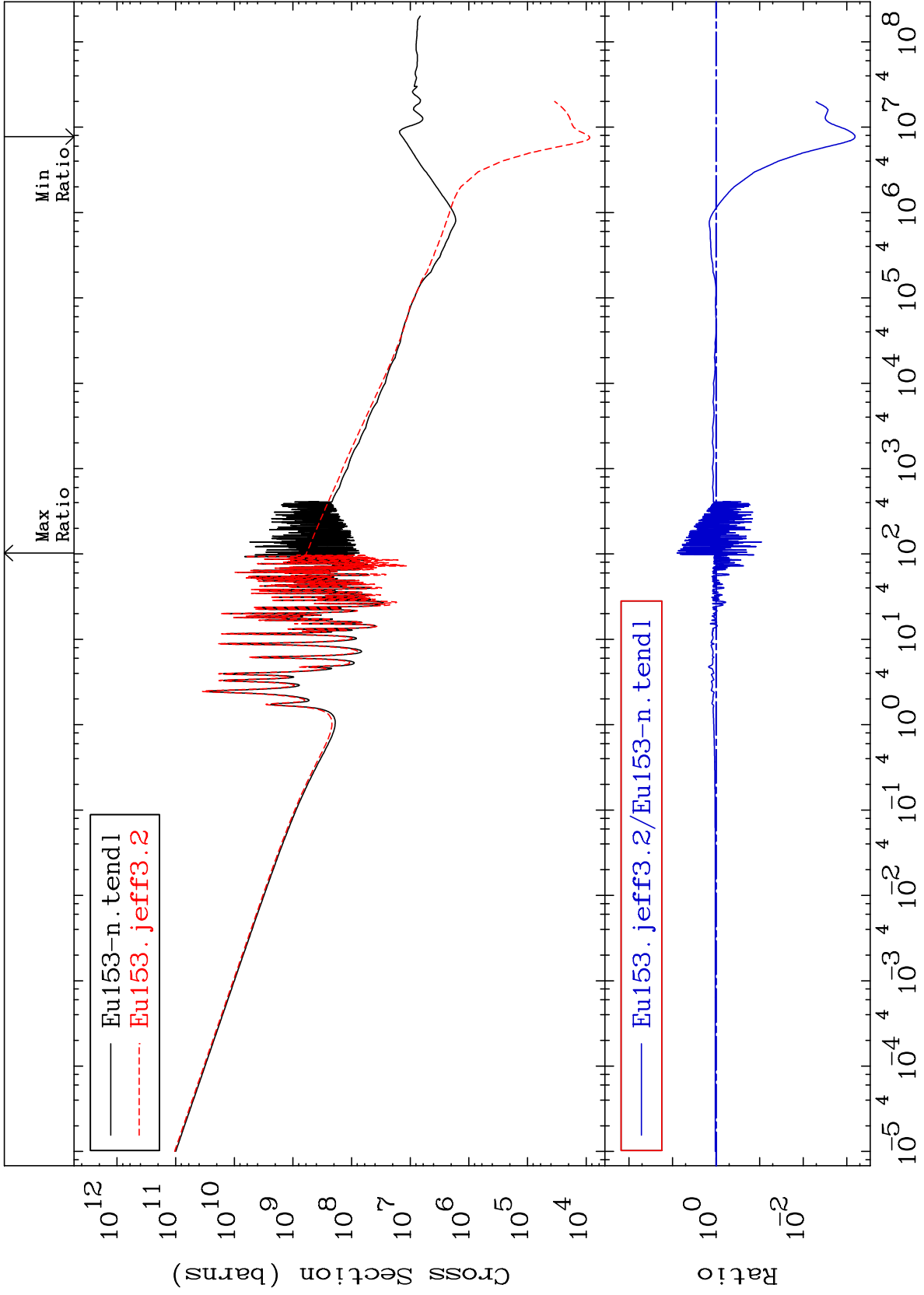


MAT 6331

Total photon (eV-barns)
Cross Section

63-Eu-153

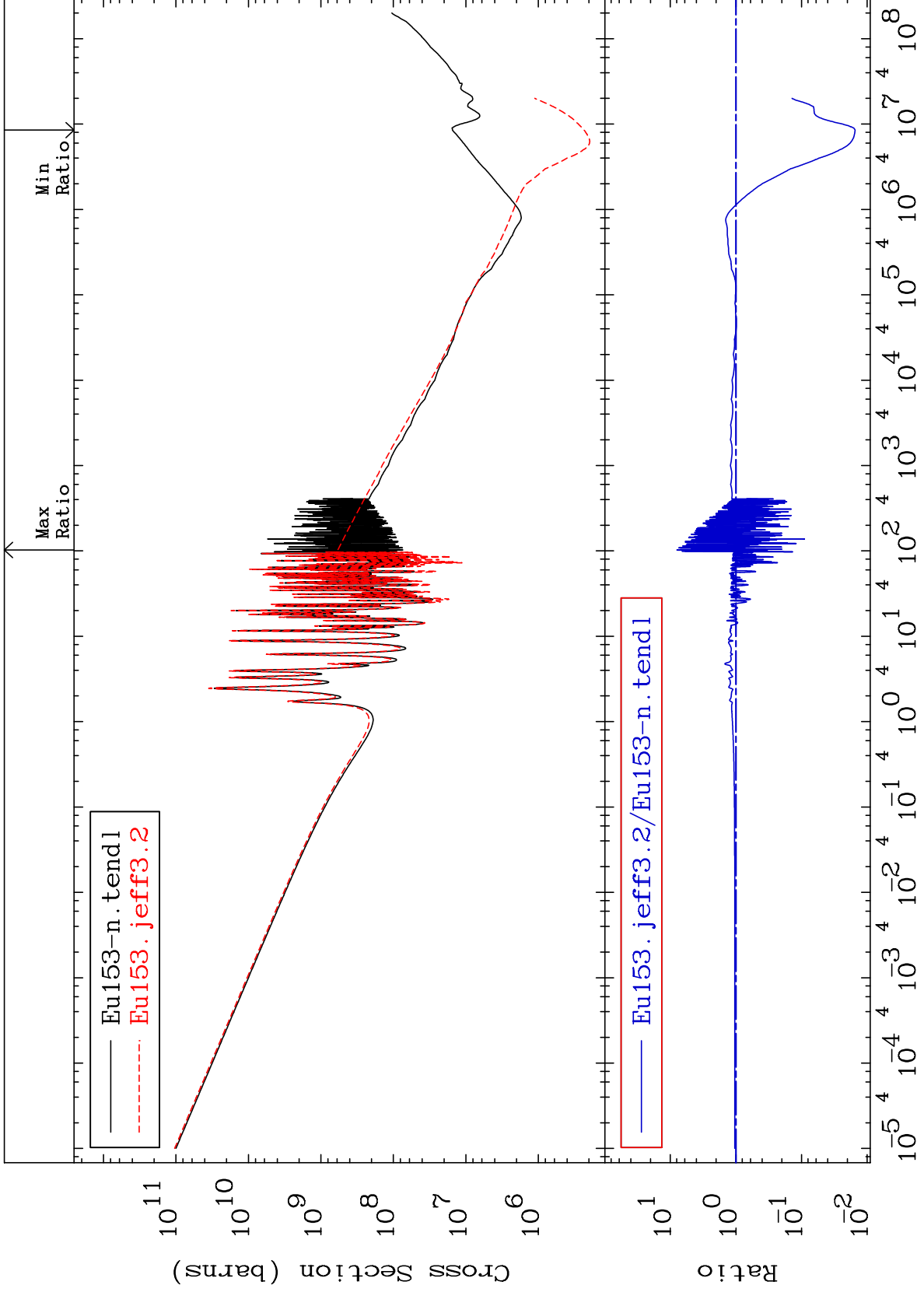
-99.94 To 692.4 %



MAT 6331

Total kinematic kerma (high limit)
Cross Section

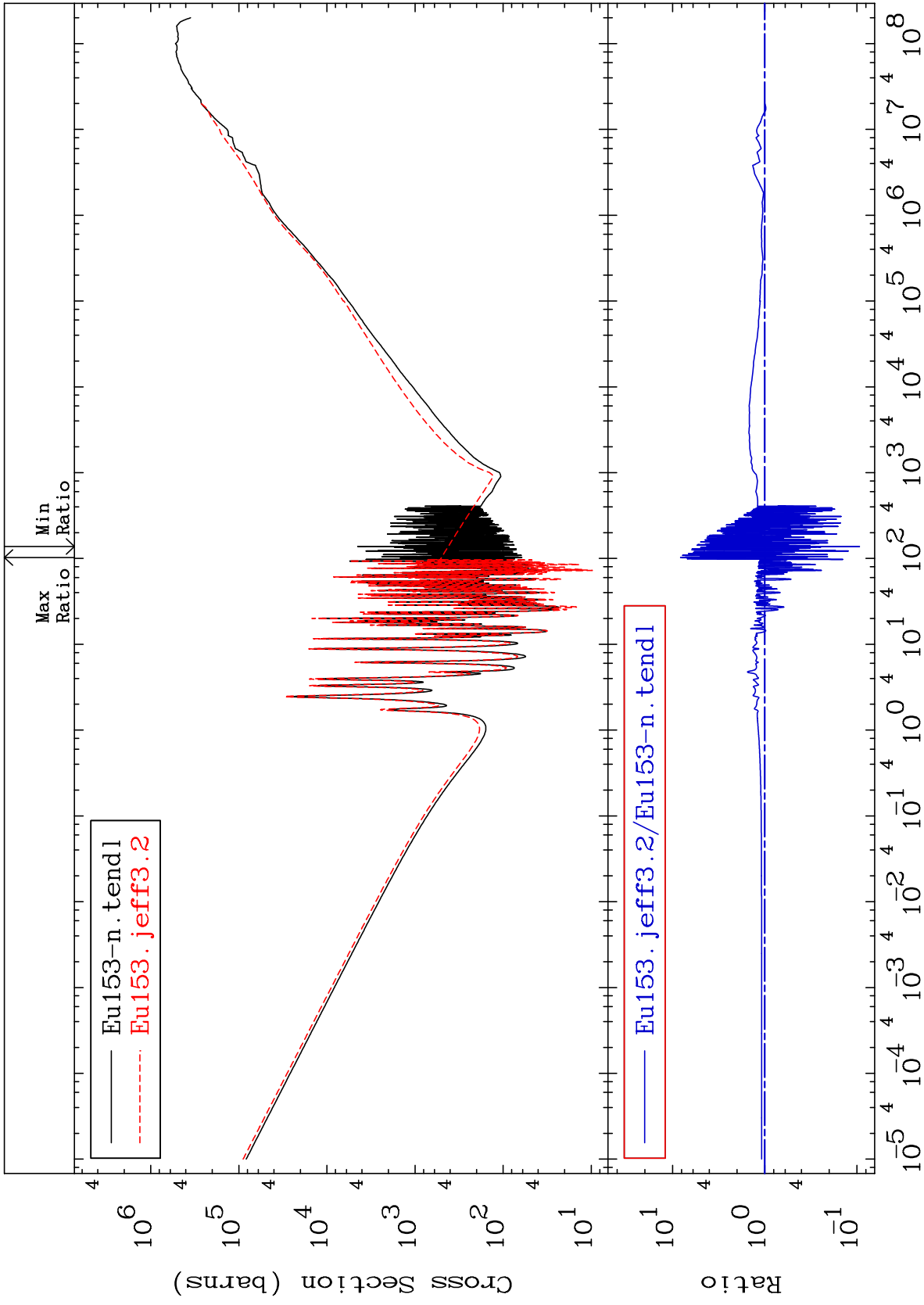
63-Eu-153
-98.47 To 692.4 %



MAT 6331

Dpa total (eV-barns)
Cross Section

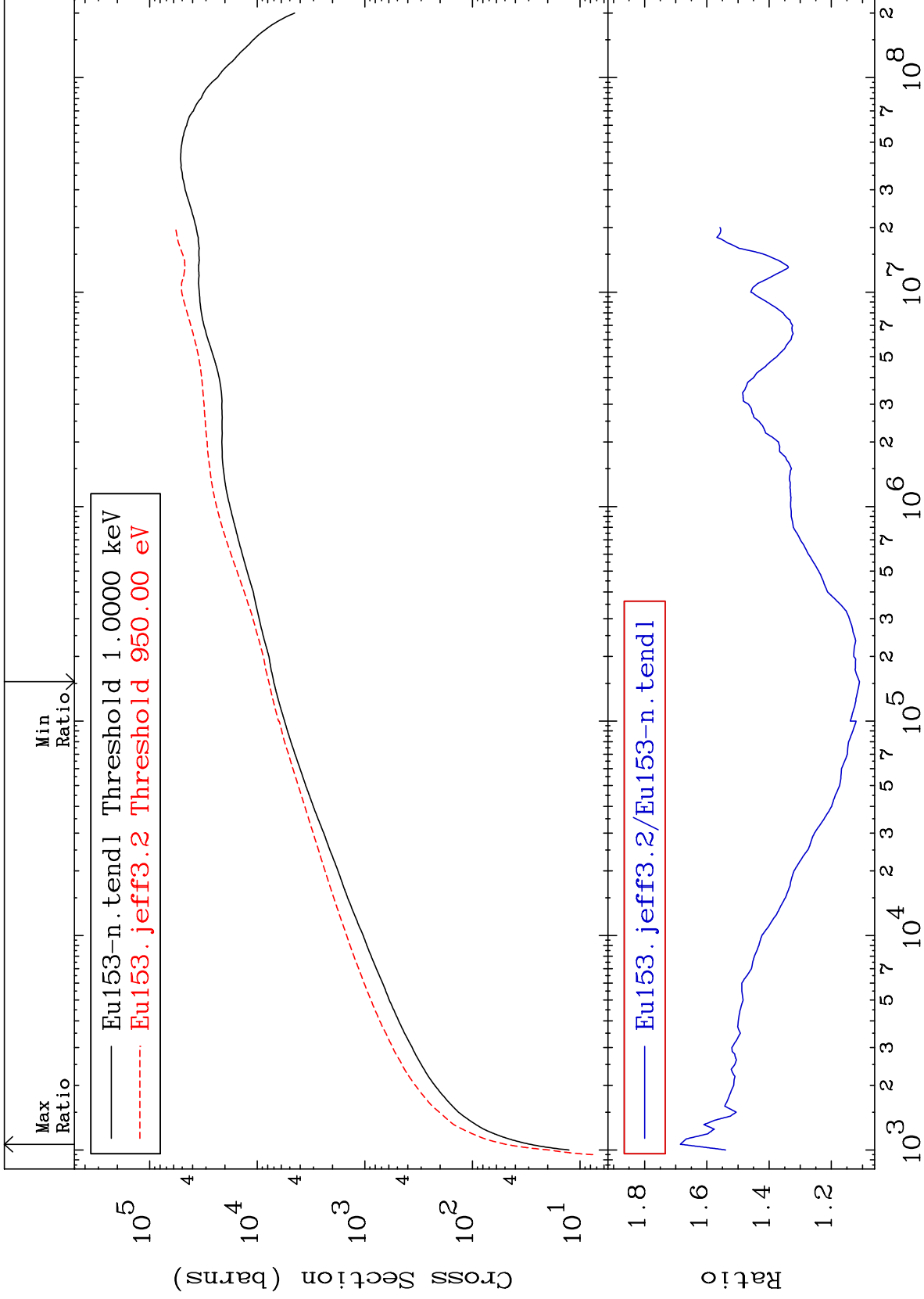
63-Eu-153
-90.59 To 723.3 %



MAT 6331

Dpa elastic (mt2)
Cross Section

63-Eu-153
10.98 To 68.52 %



34

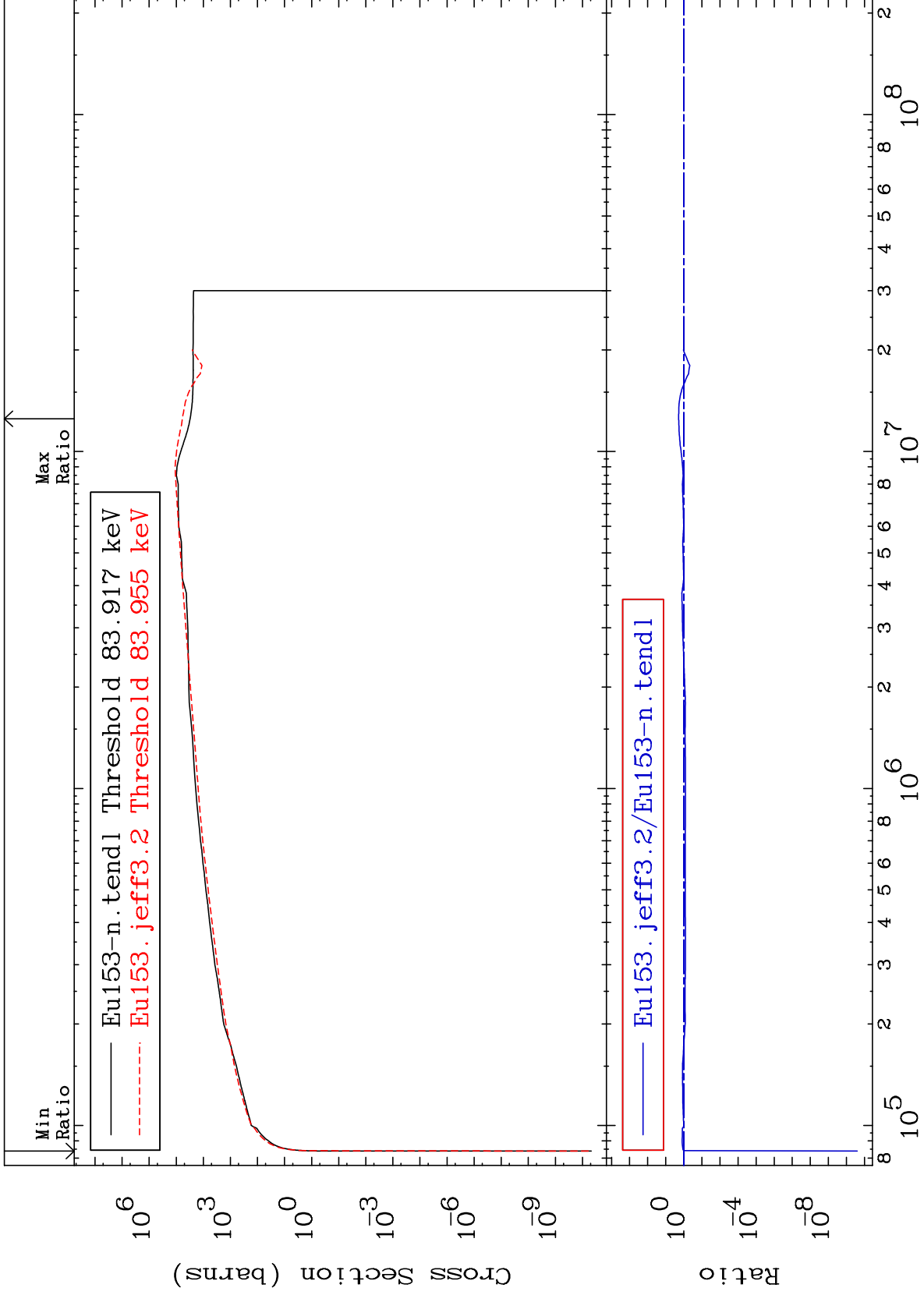
Incident Energy (eV)

63-Eu-153

MAT 6331

Dpa inelastic (mt51-91)
Cross Section

63-Eu-153
-100.0 To 93.58 %



35

Incident Energy (eV)

63-Eu-153

