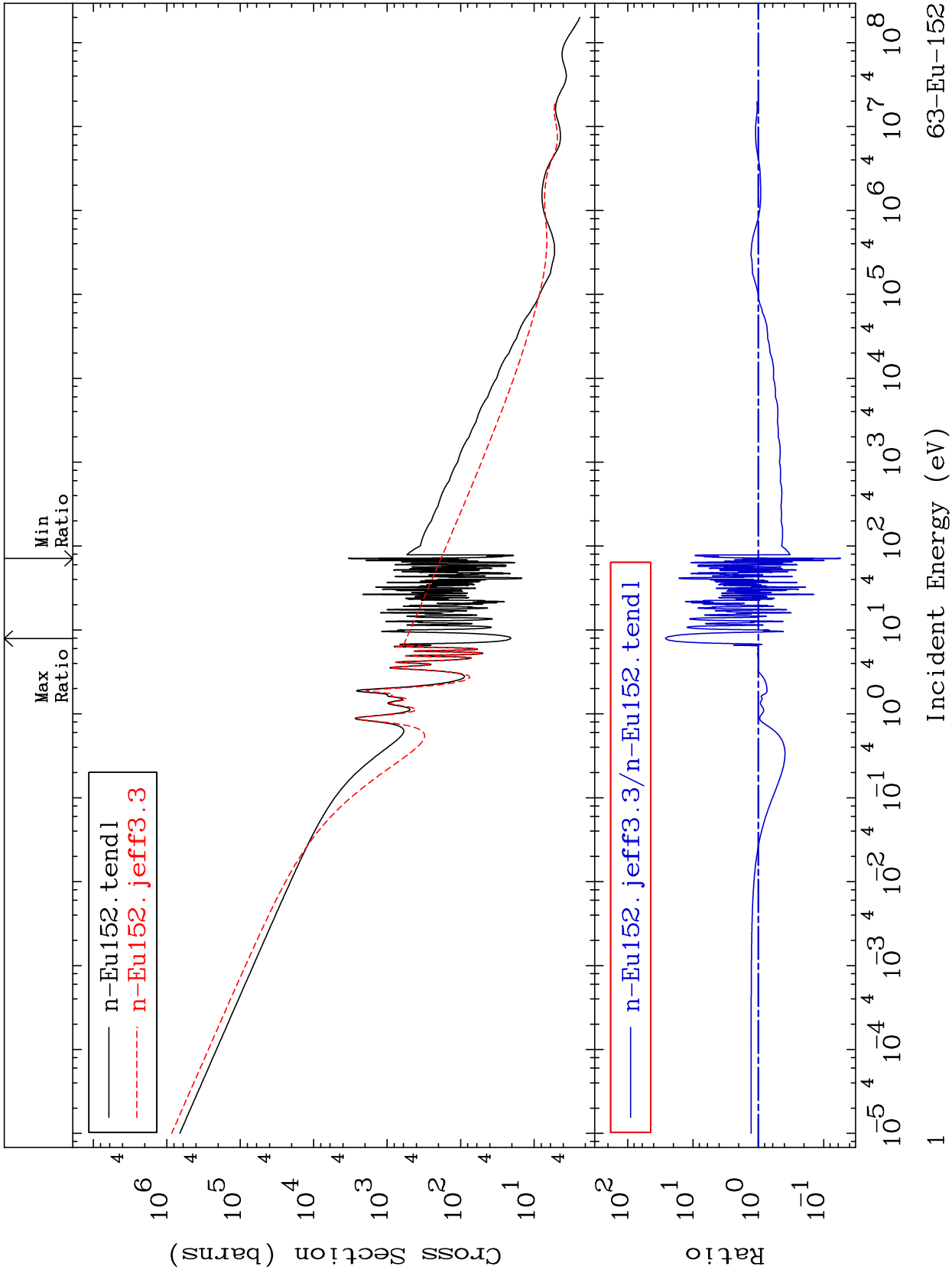


MAT 6328

63-Eu-152
-94.51 To 2538. %

Total
Cross Section

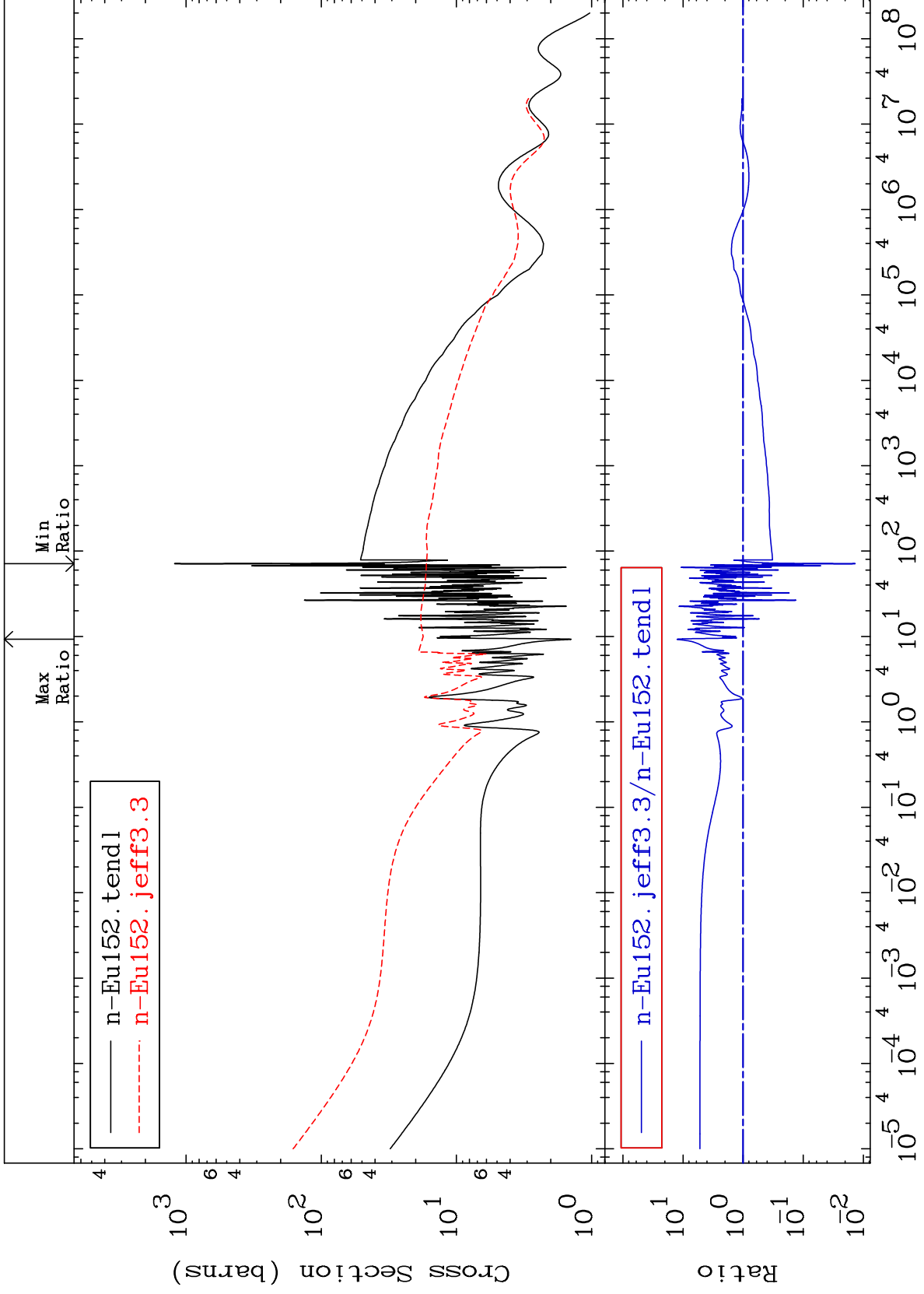


63-Eu-152

Incident Energy (eV)

MAT 6328

Elastic Cross Section
63-Eu-152
-98.63 To 1164. %



63-Eu-152

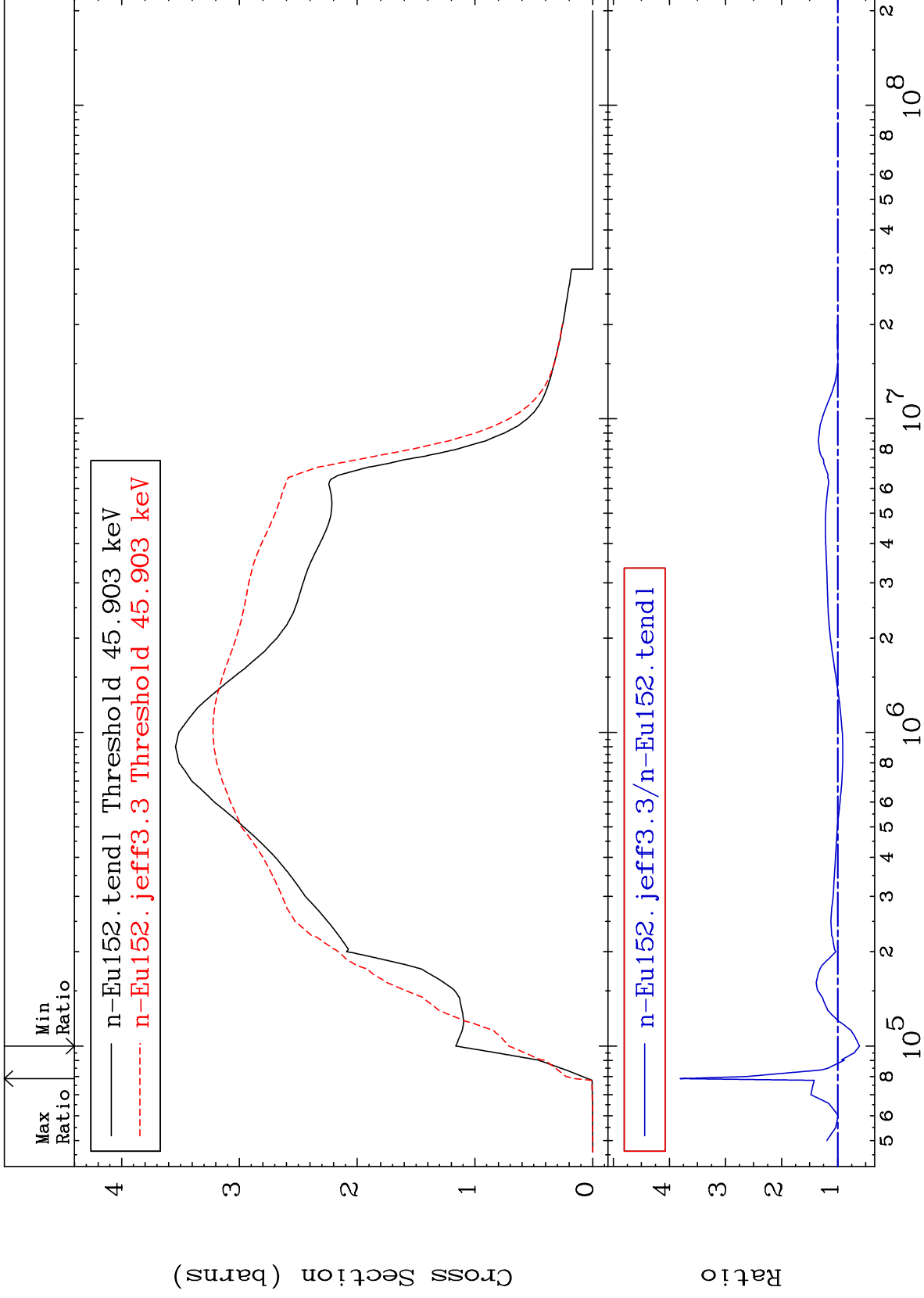
Incident Energy (eV)

2

MAT 6328

Inelastic
Cross Section

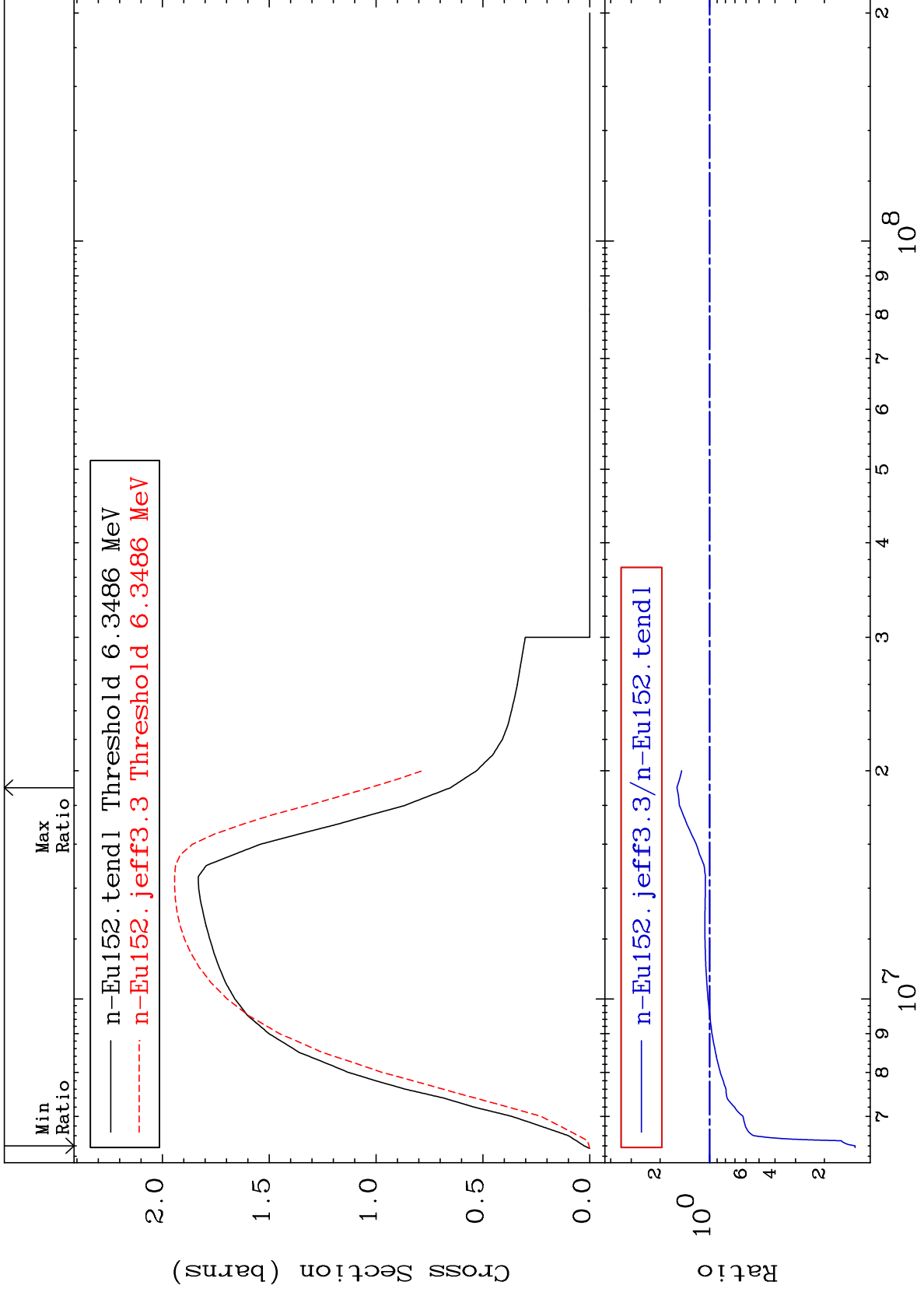
63-Eu-152
-38.80 To 280.6 %

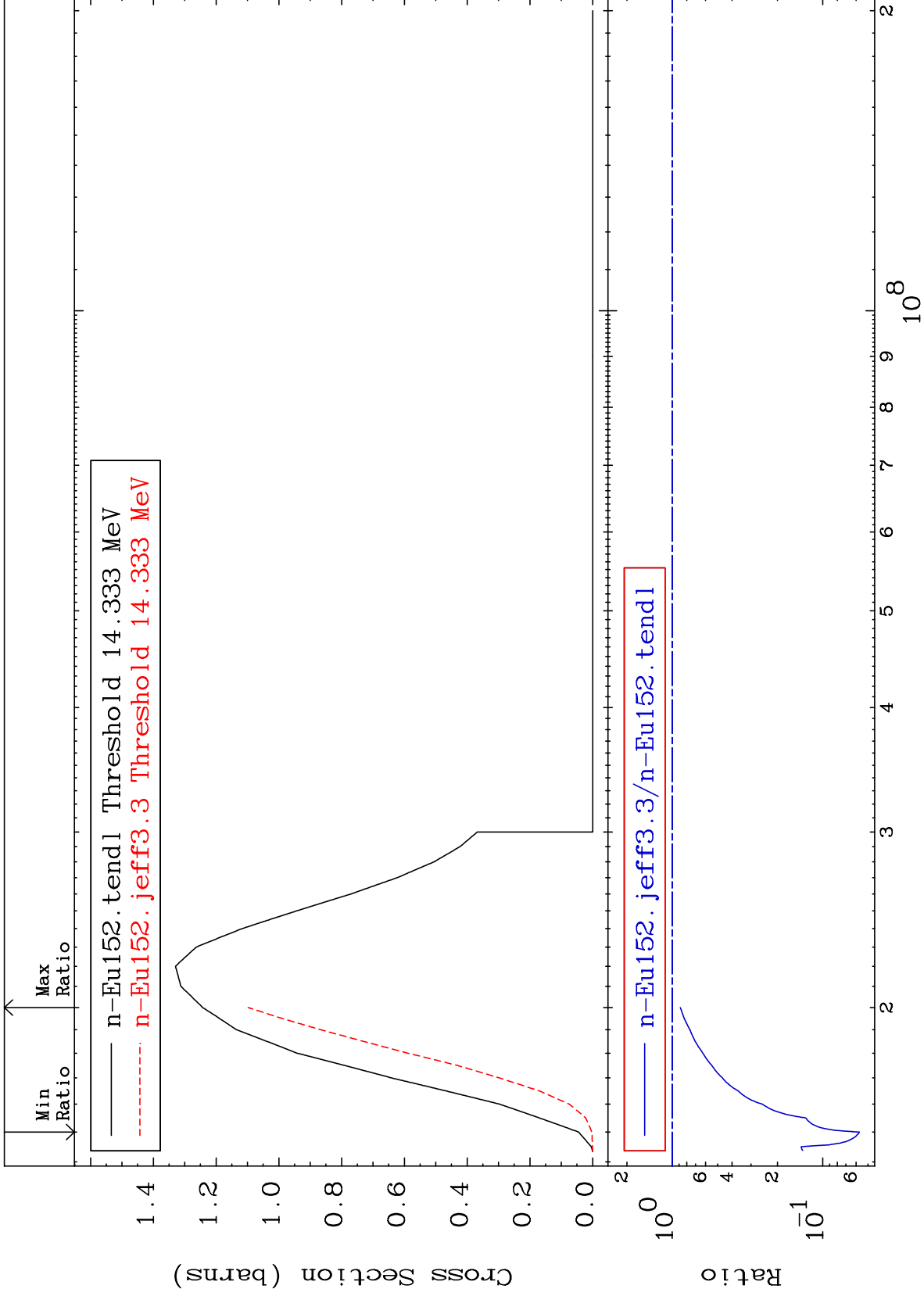


MAT 6328

(n,2n)
Cross Section

63-Eu-152
-86.99 To 58.08 %





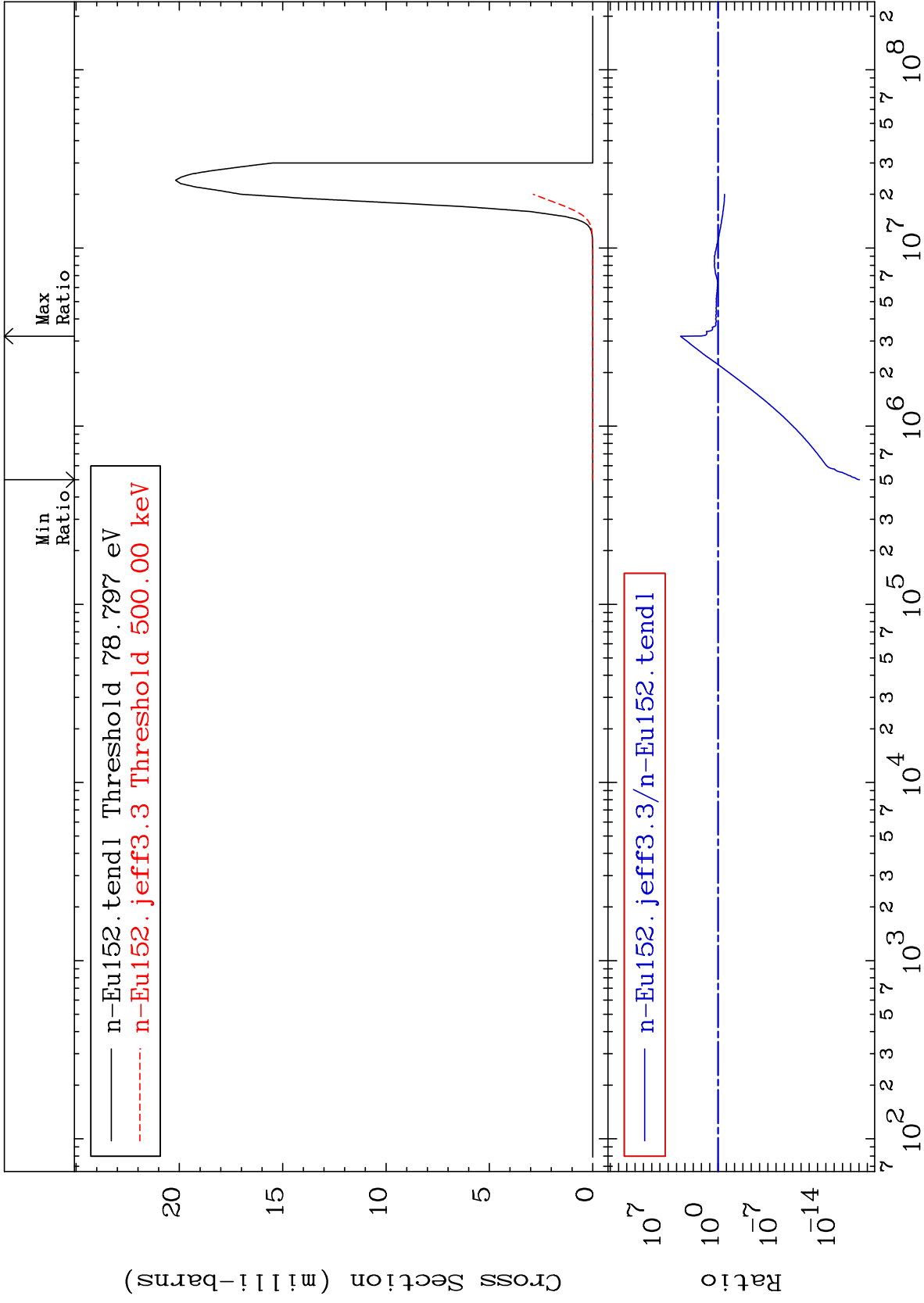
MAT 6328

(n, n') α

63-Eu-152

Cross Section

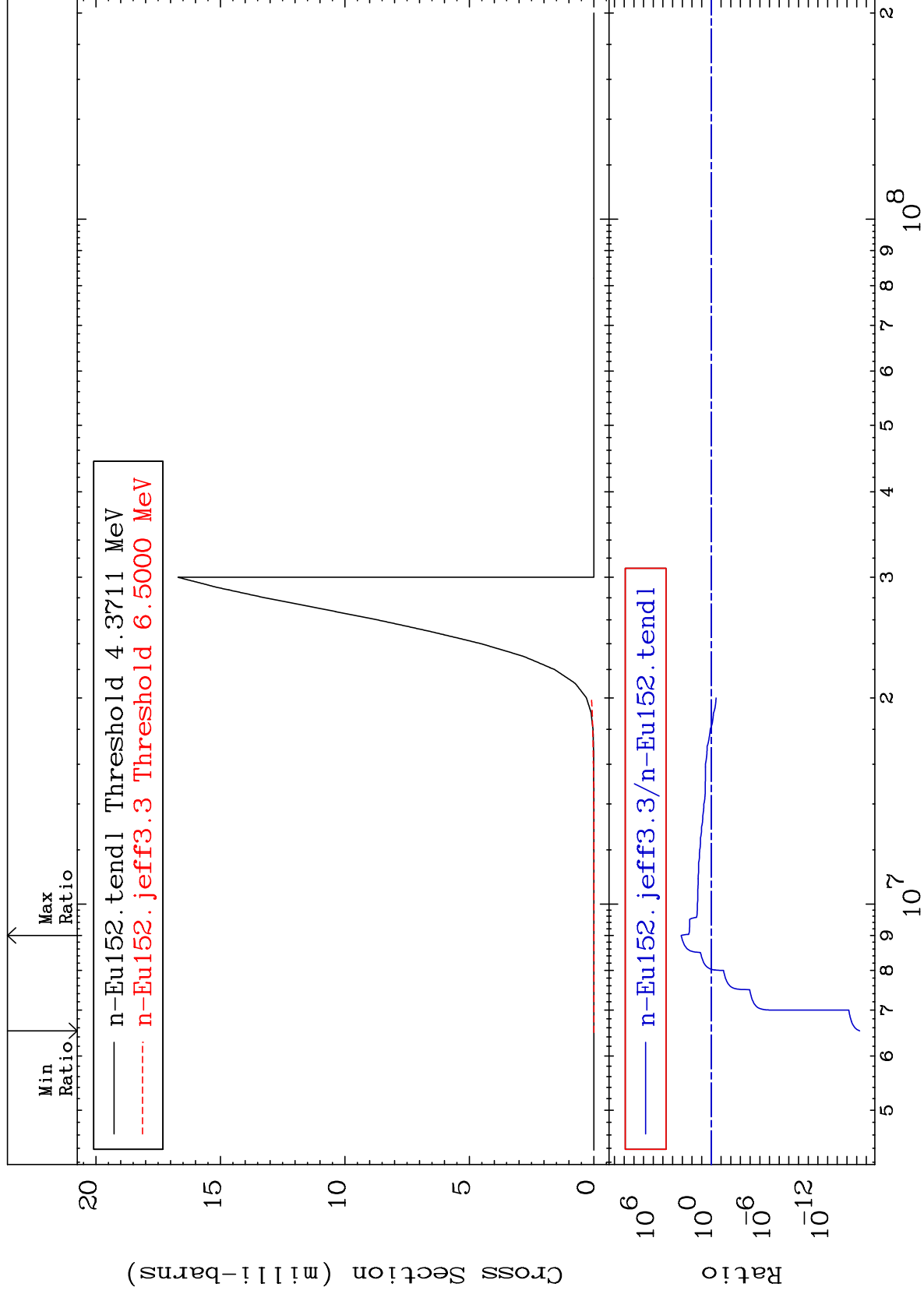
-100.0 To 9999. %



MAT 6328

(n,2n) α
Cross Section

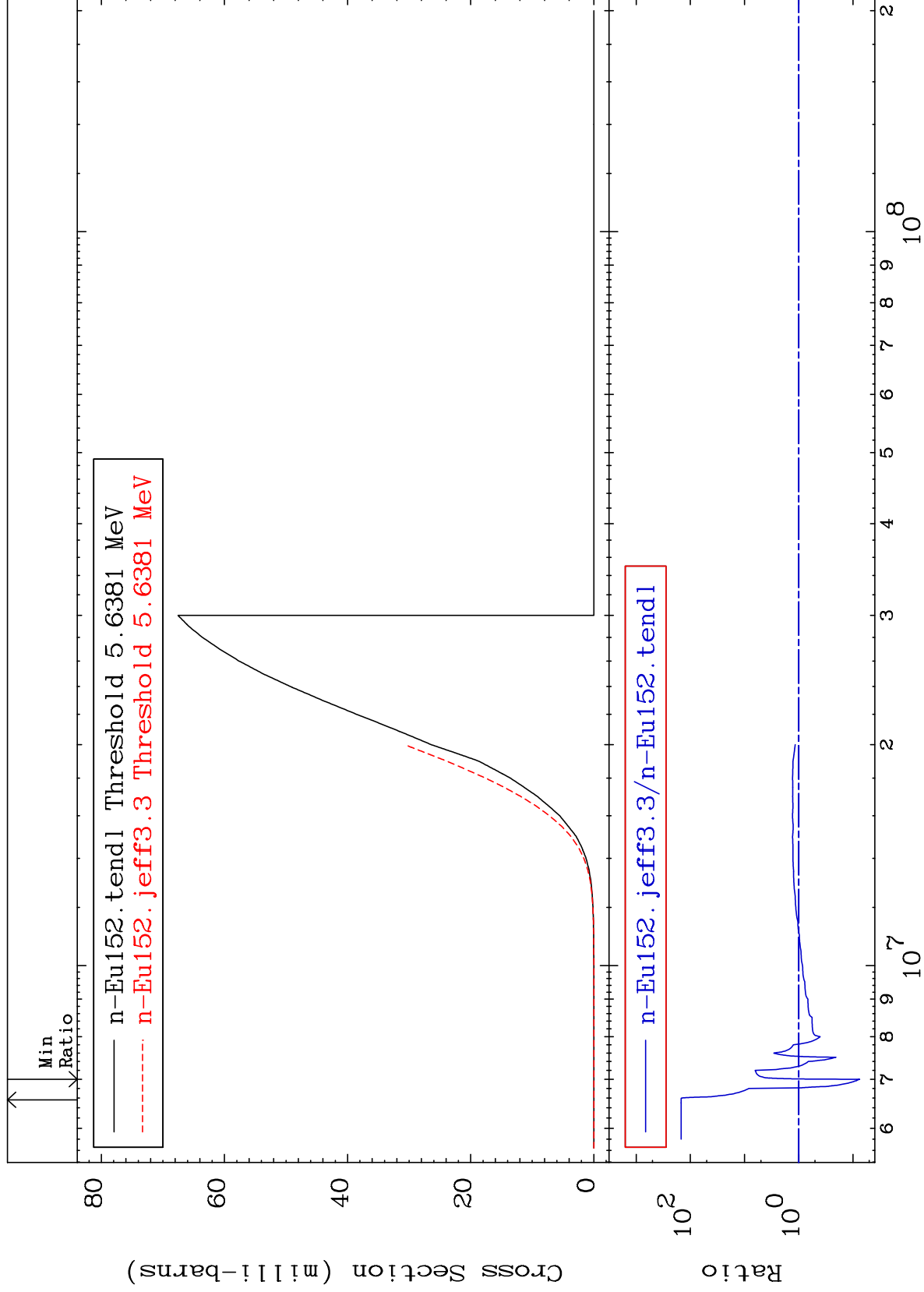
63-Eu-152
-100.0 To 9999. %



MAT 6328

(n, n') p
Cross Section

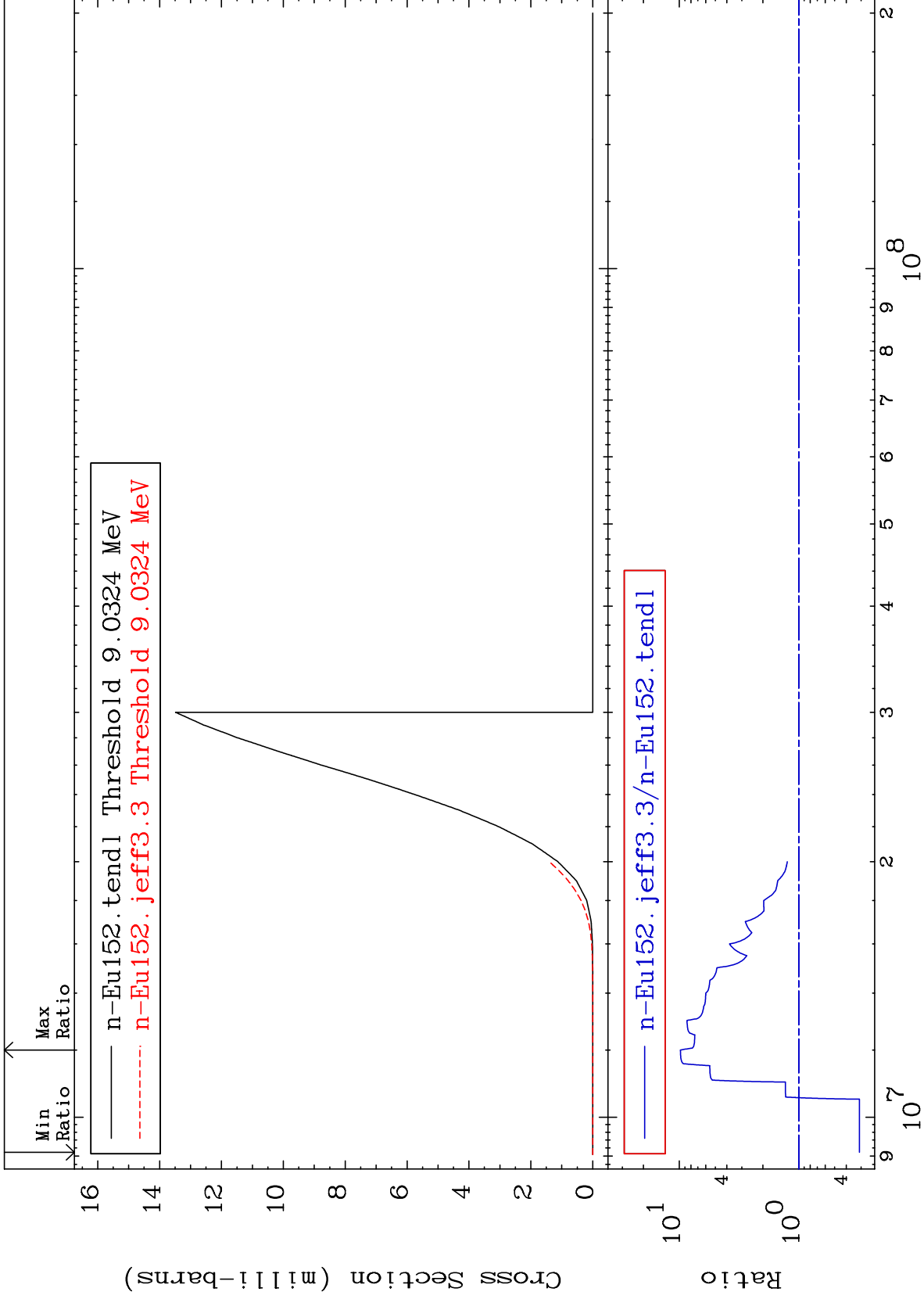
63-Eu-152
-92.49 To 9999. %



MAT 6328

(n,n') d
Cross Section

63-Eu-152
-68.99 To 881.2 %



Incident Energy (eV)

63-Eu-152

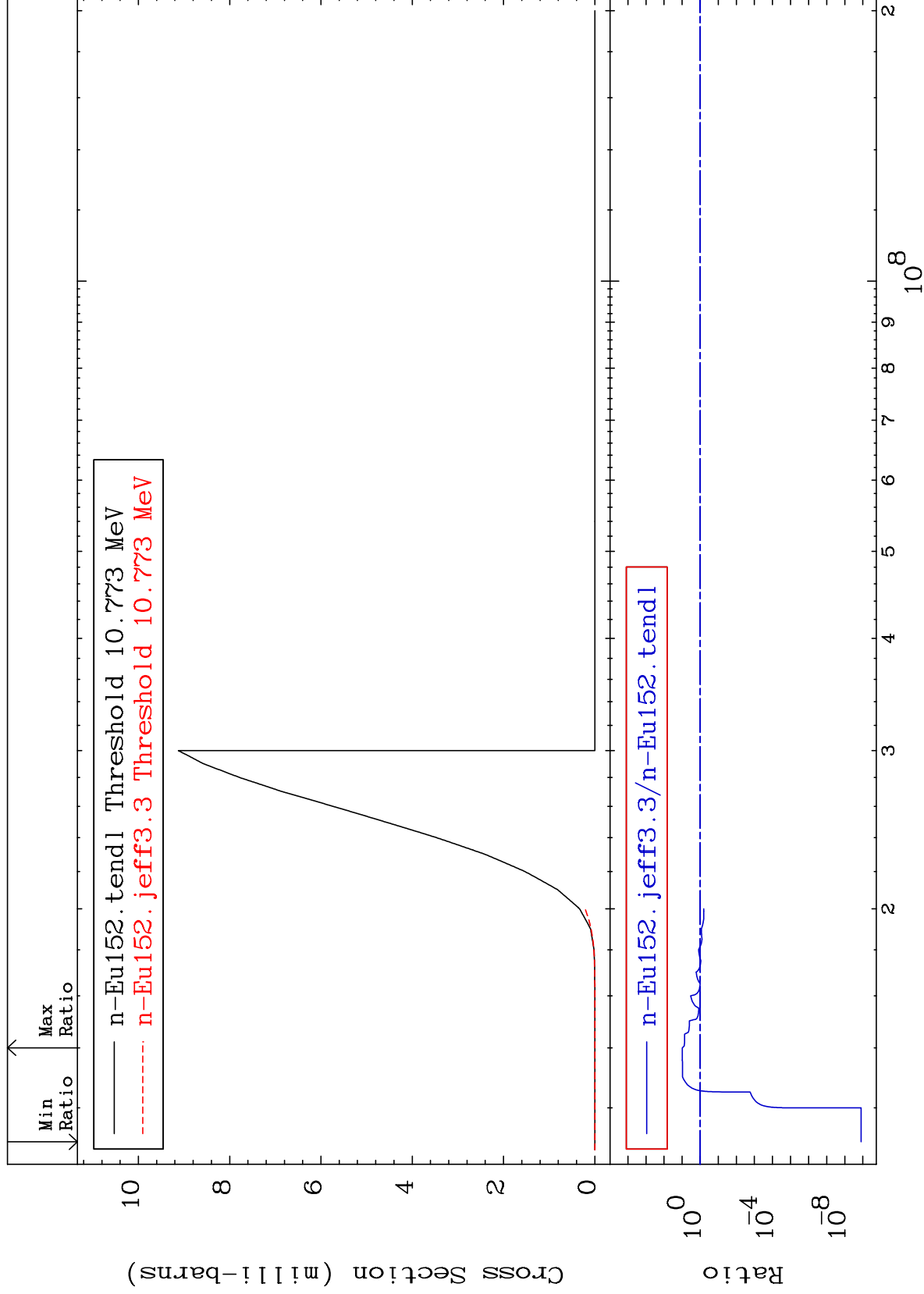
MAT 6328

(n,n') t

63-Eu-152

Cross Section

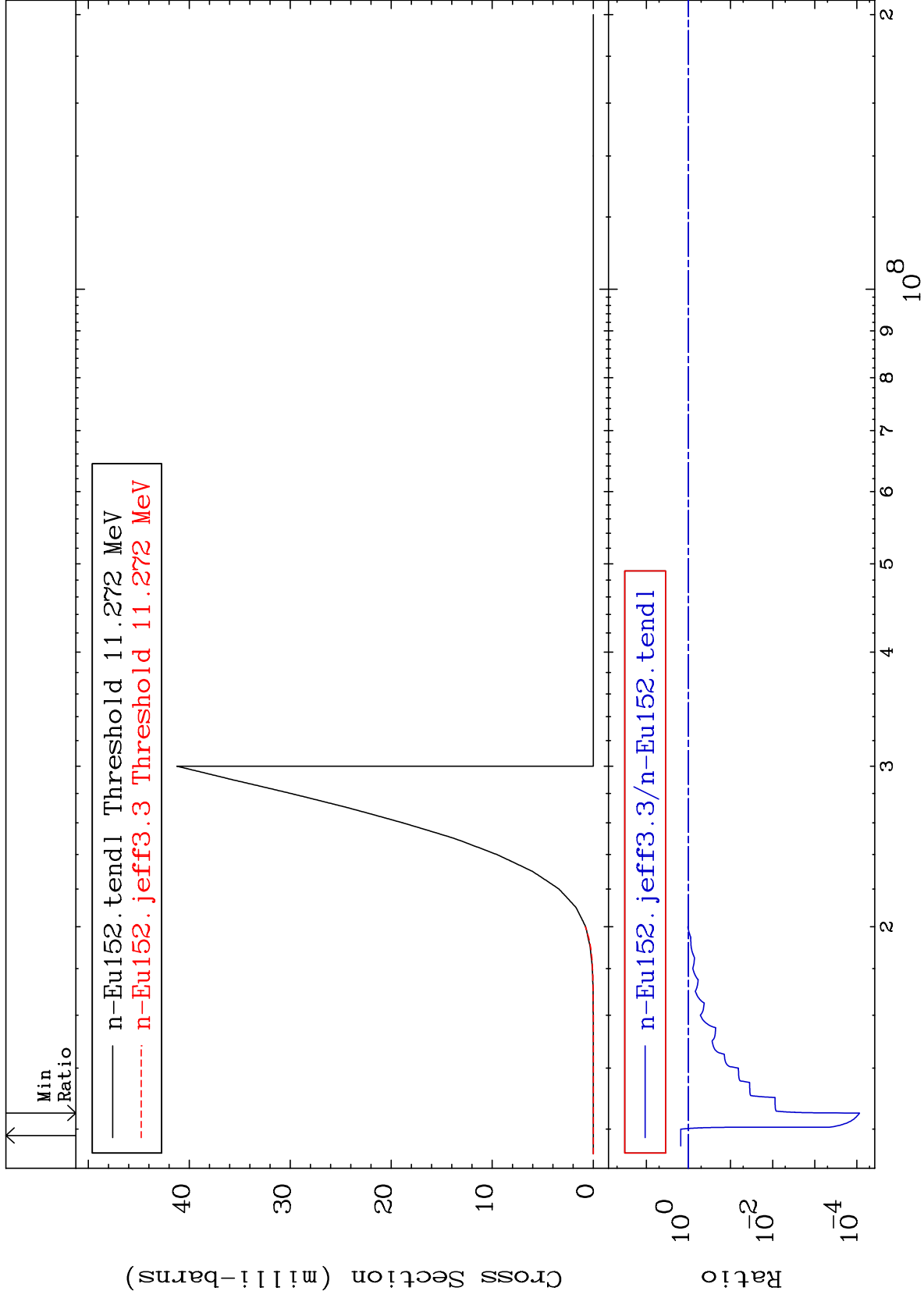
-100.0 To 874.7 %



10

Incident Energy (eV)

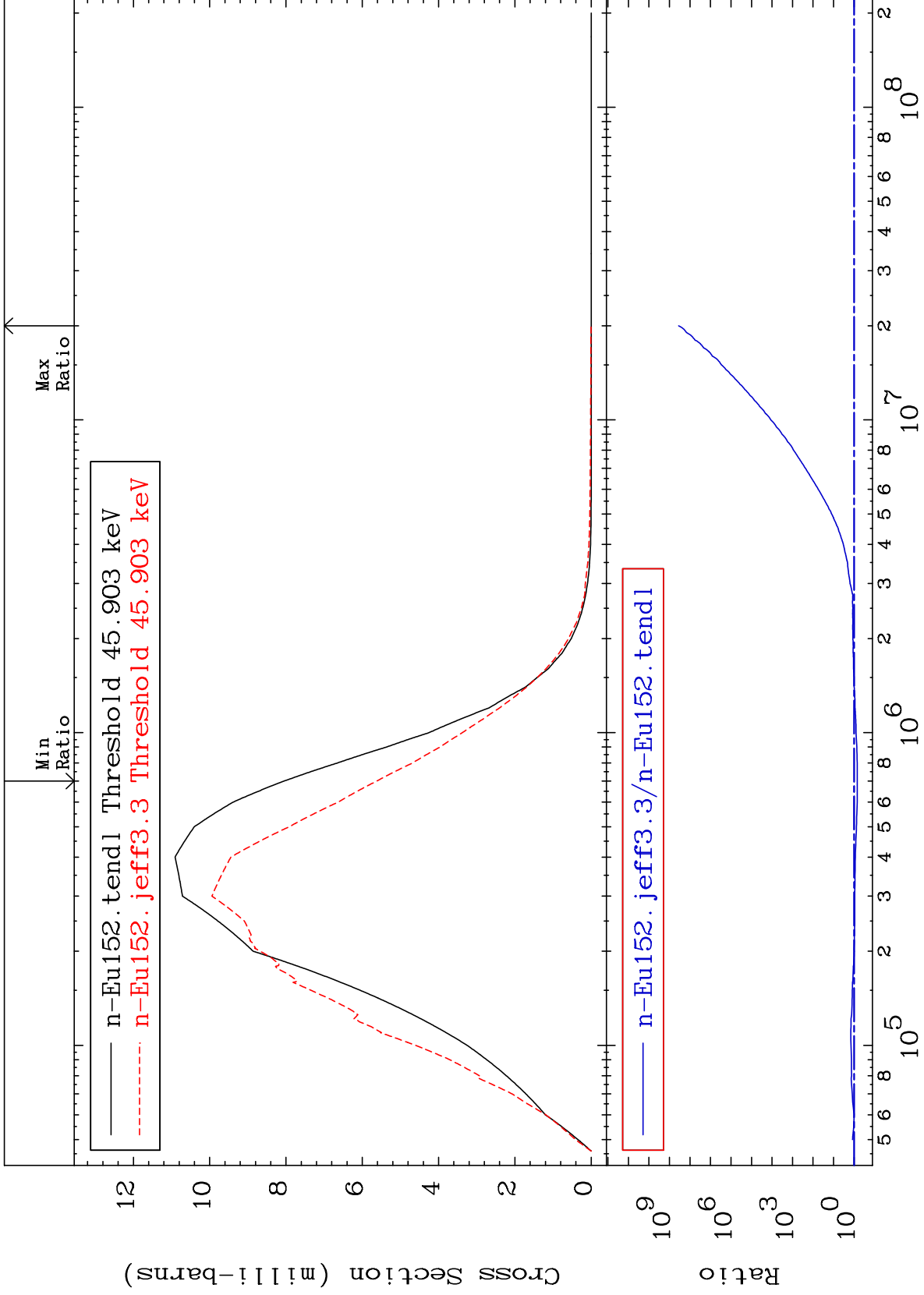
63-Eu-152



MAT 6328

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

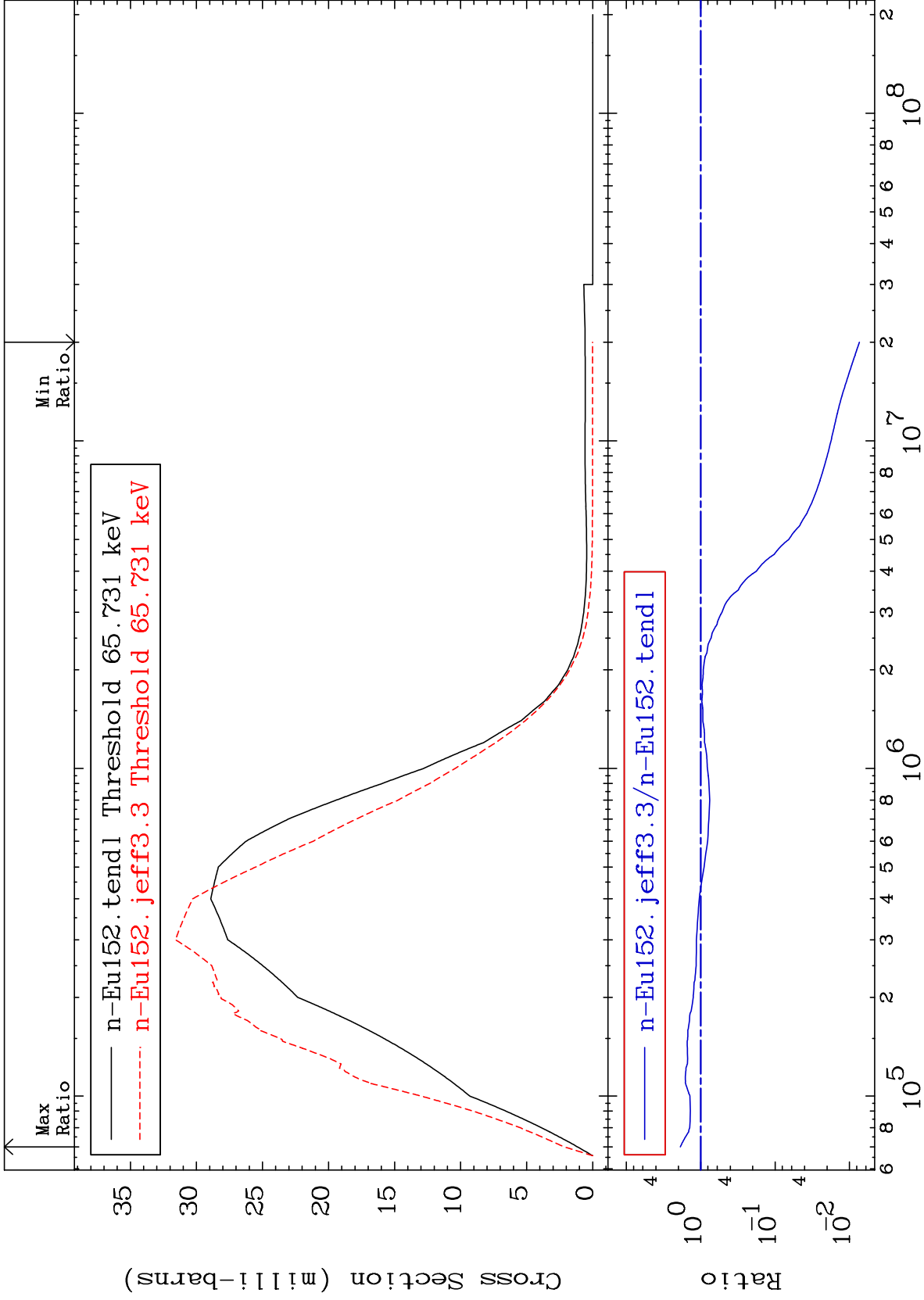
63-Eu-152
-30.17 To 9999. %



MAT 6328

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

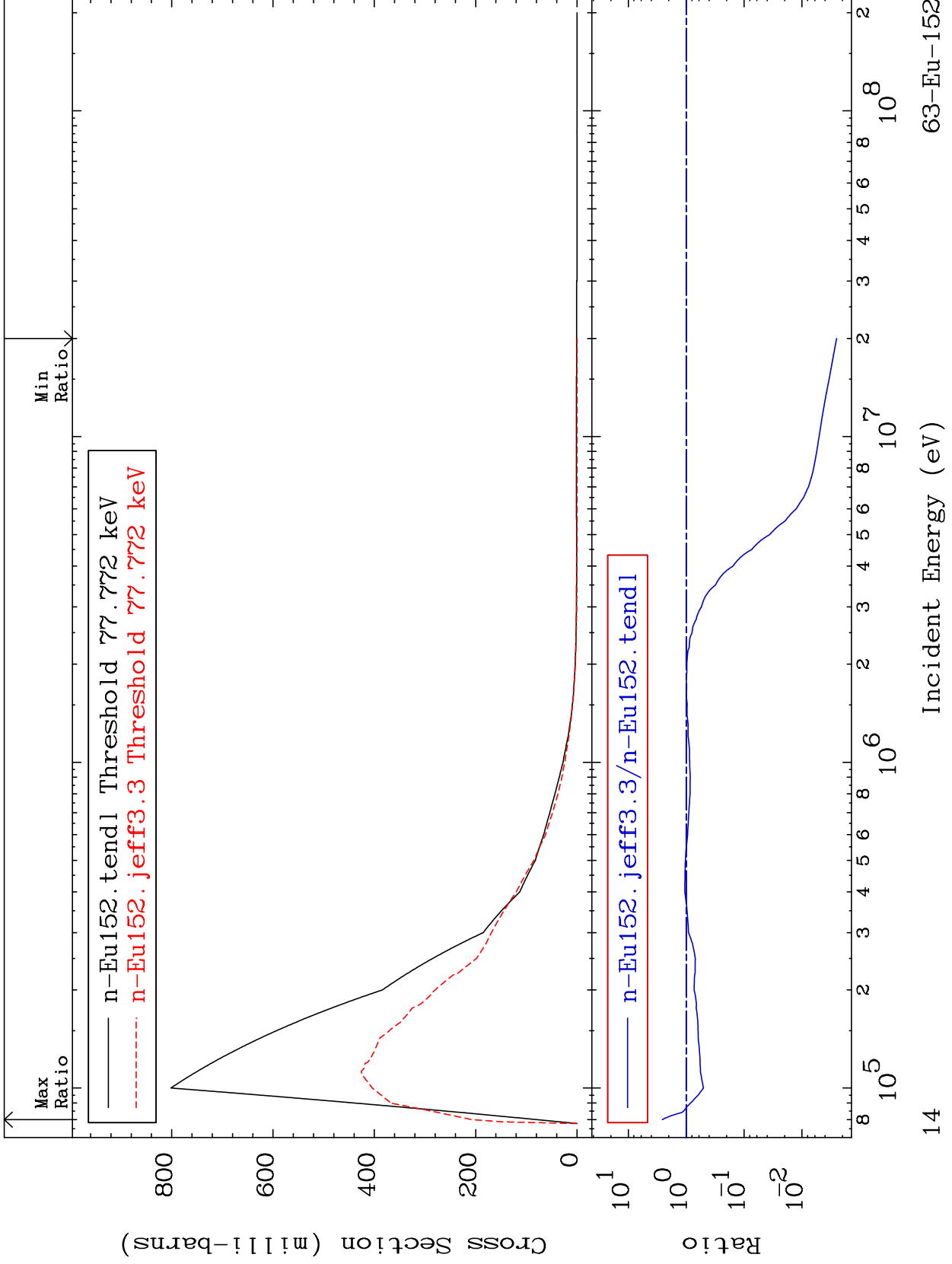
63-Eu-152
-99.27 To 87.86 %



MAT 6328

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

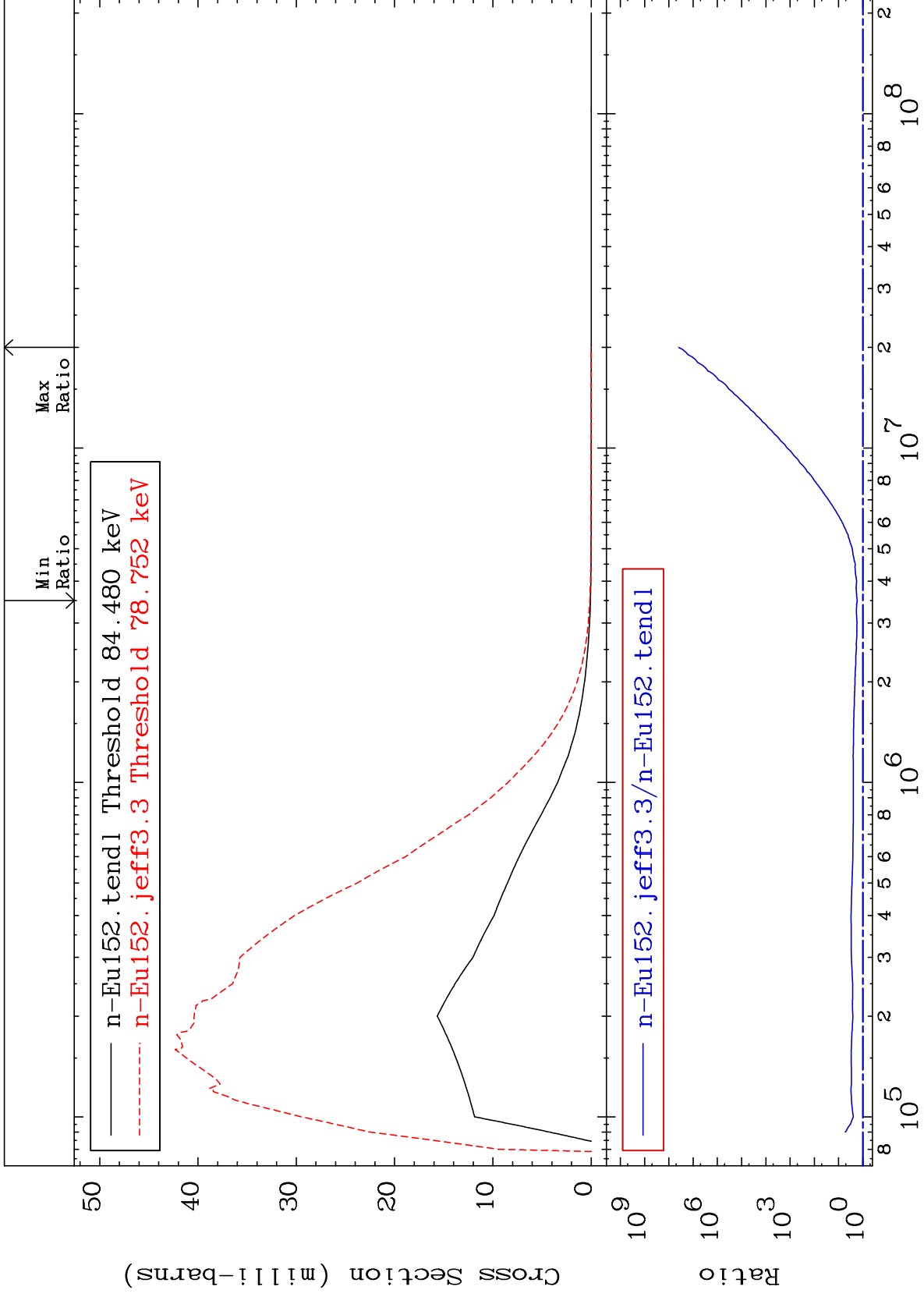
63-Eu-152
-99.75 To 158.7 %



MAT 6328

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

63-Eu-152
69.57 To 9999. %



15

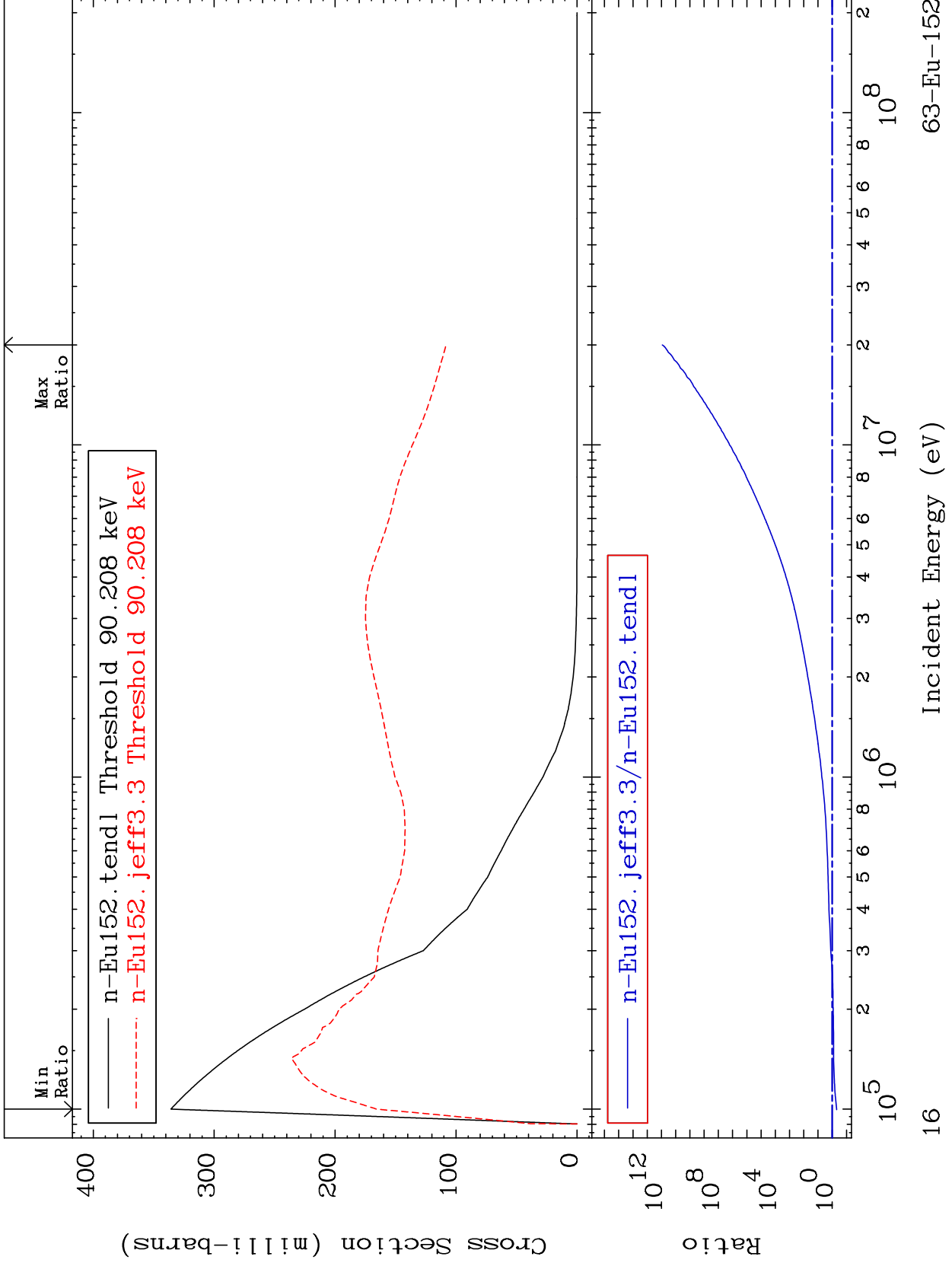
Incident Energy (eV)

63-Eu-152

MAT 6328

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

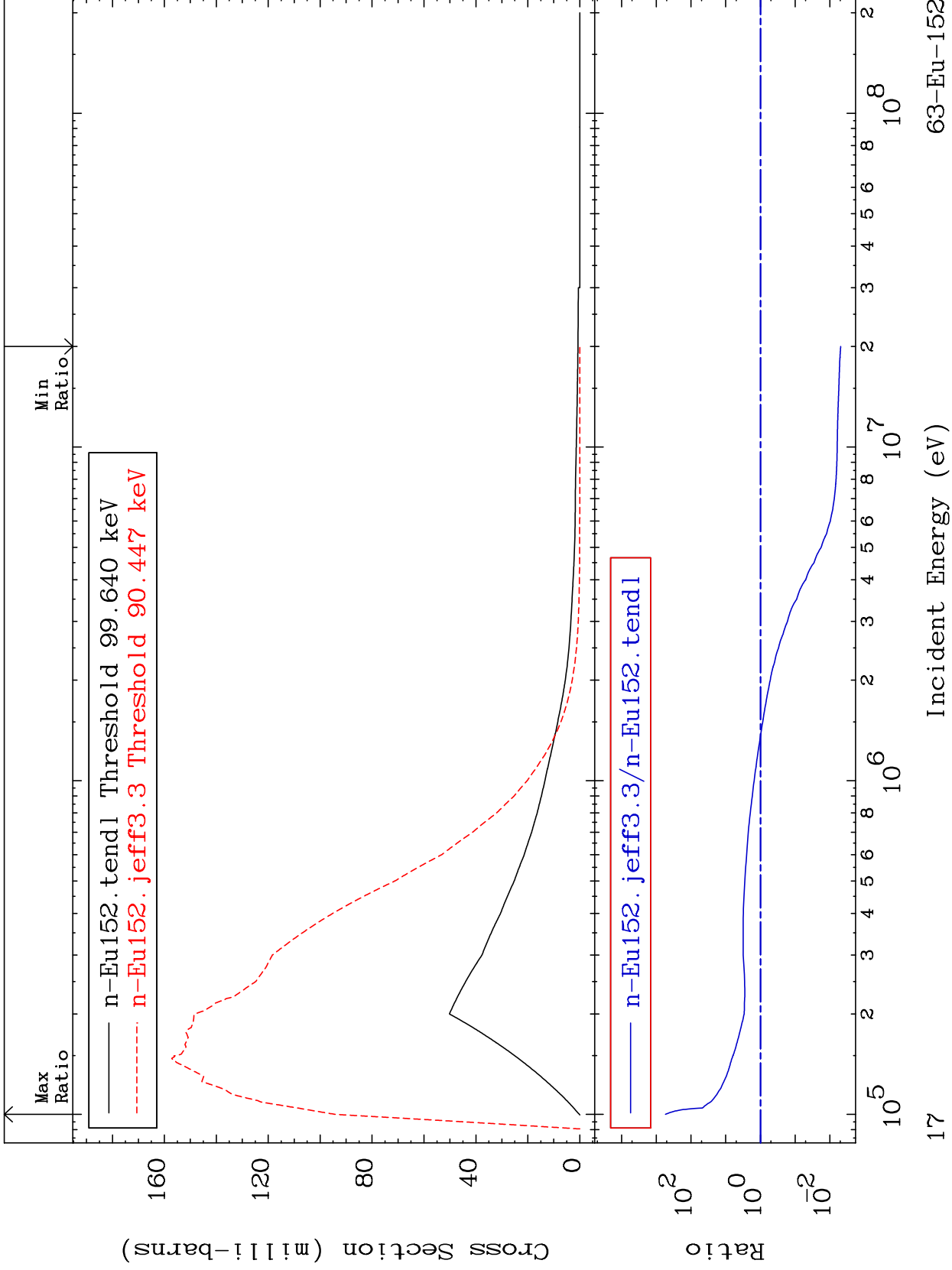
63-Eu-152
-50.70 To 9999. %



MAT 6328

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

63-Eu-152
-99.51 To 9999. %



17

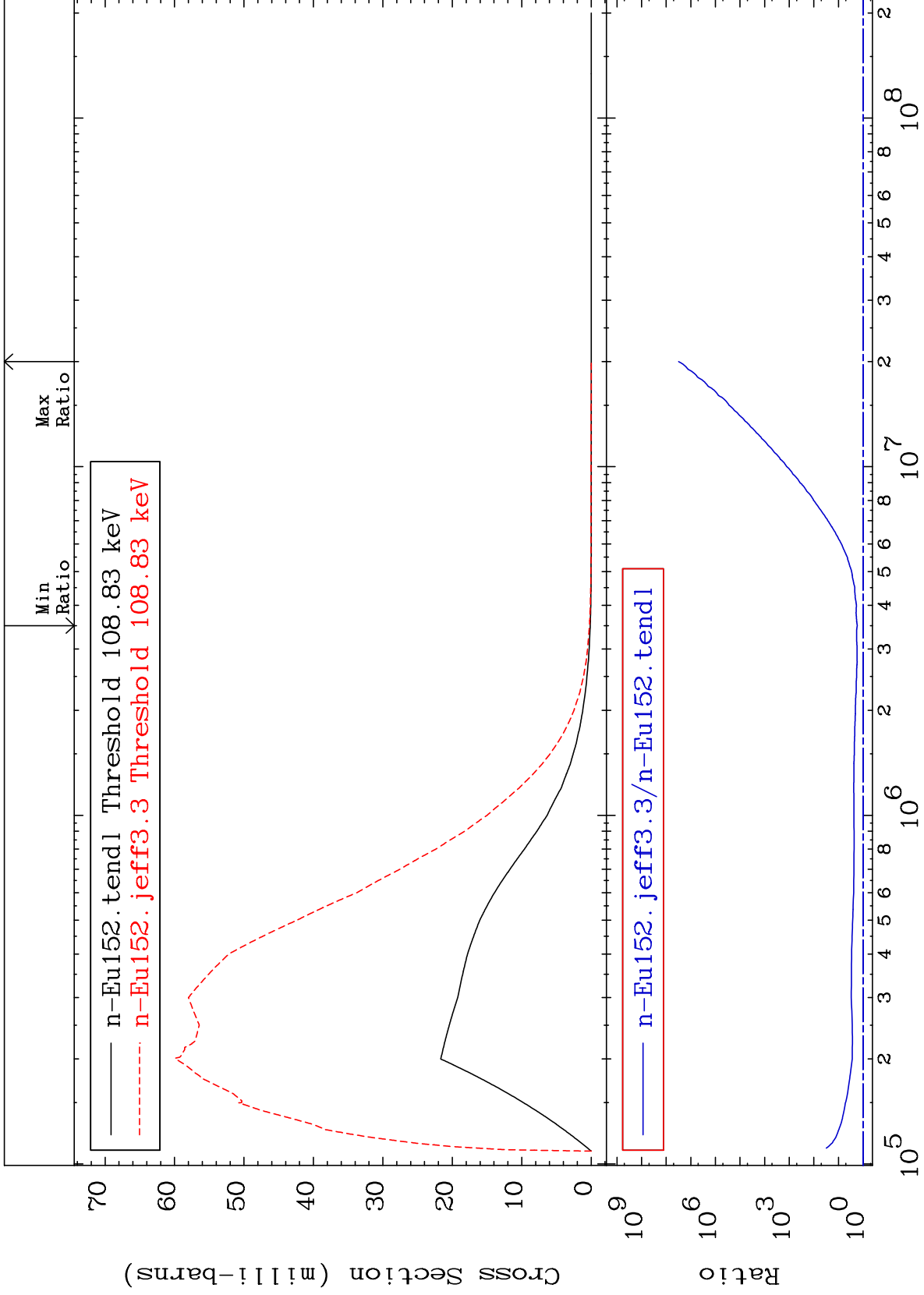
Incident Energy (eV)

63-Eu-152

MAT 6328

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

63-Eu-152
72.57 To 9999. %



Incident Energy (eV)

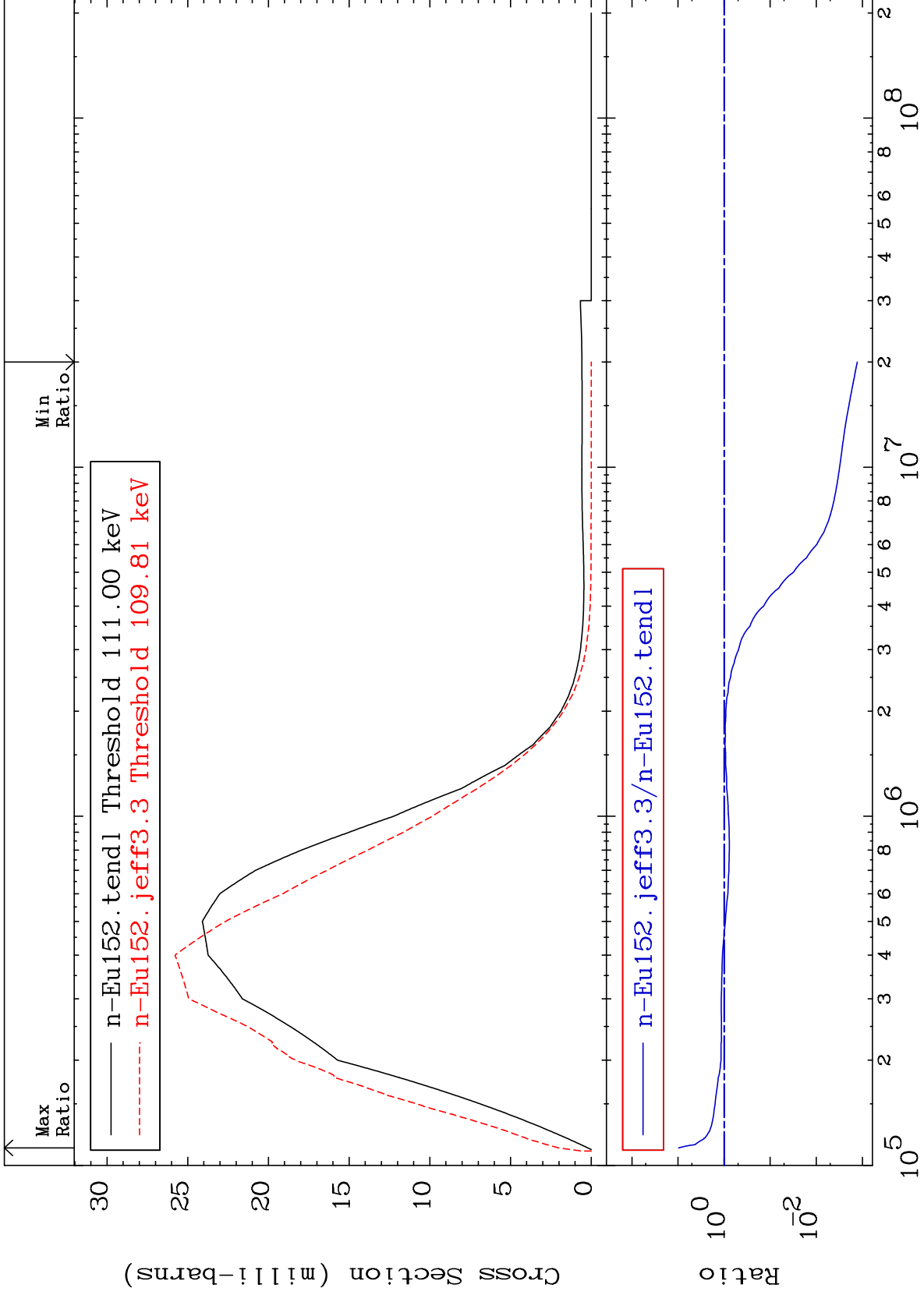
63-Eu-152

18

MAT 6328

MT= 58 (n,n') Level
Cross Section

63-Eu-152
-99.87 To 868.6 %



19

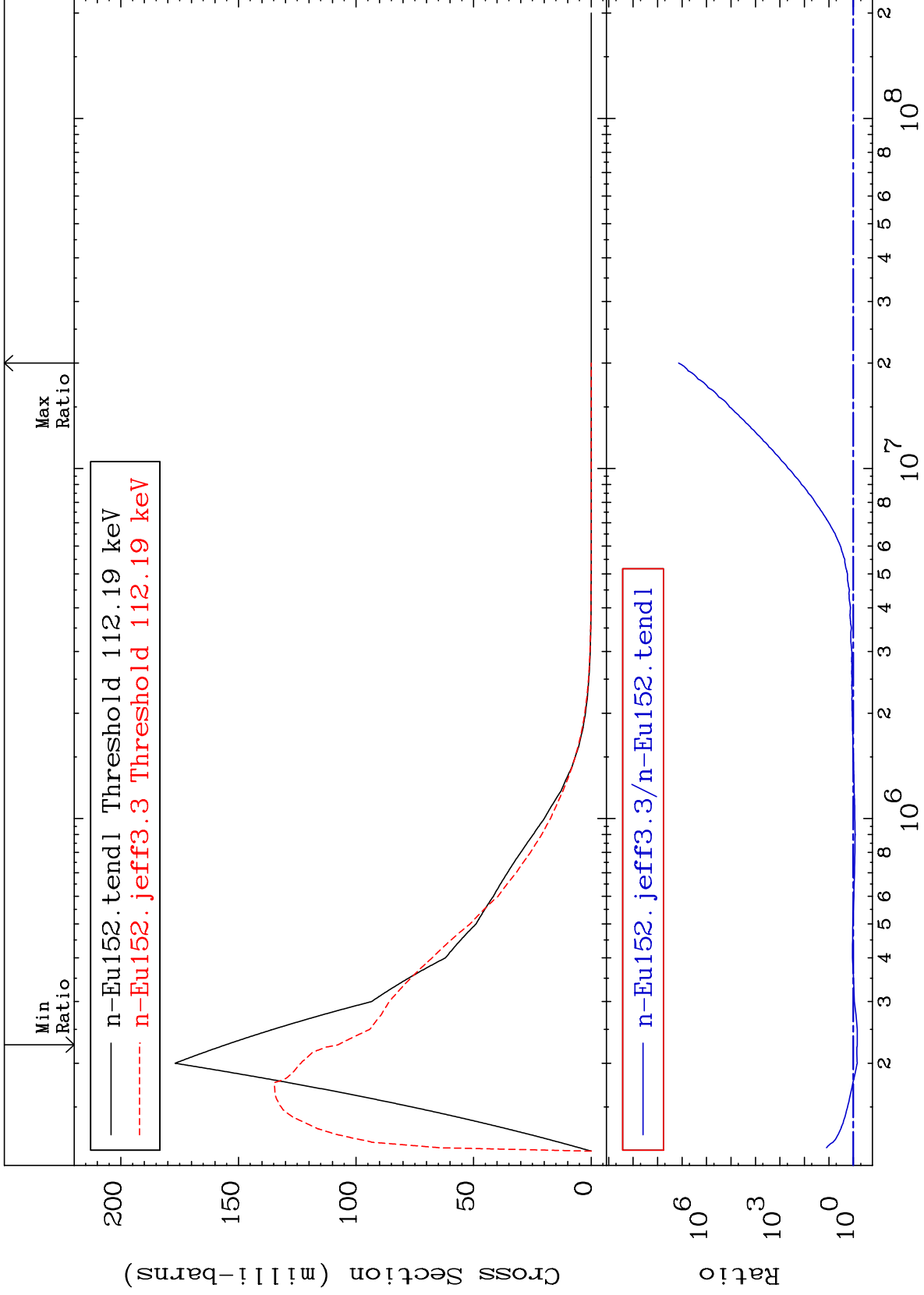
Incident Energy (eV)

63-Eu-152

MAT 6328

MT= 59 (n,n') Level
Cross Section

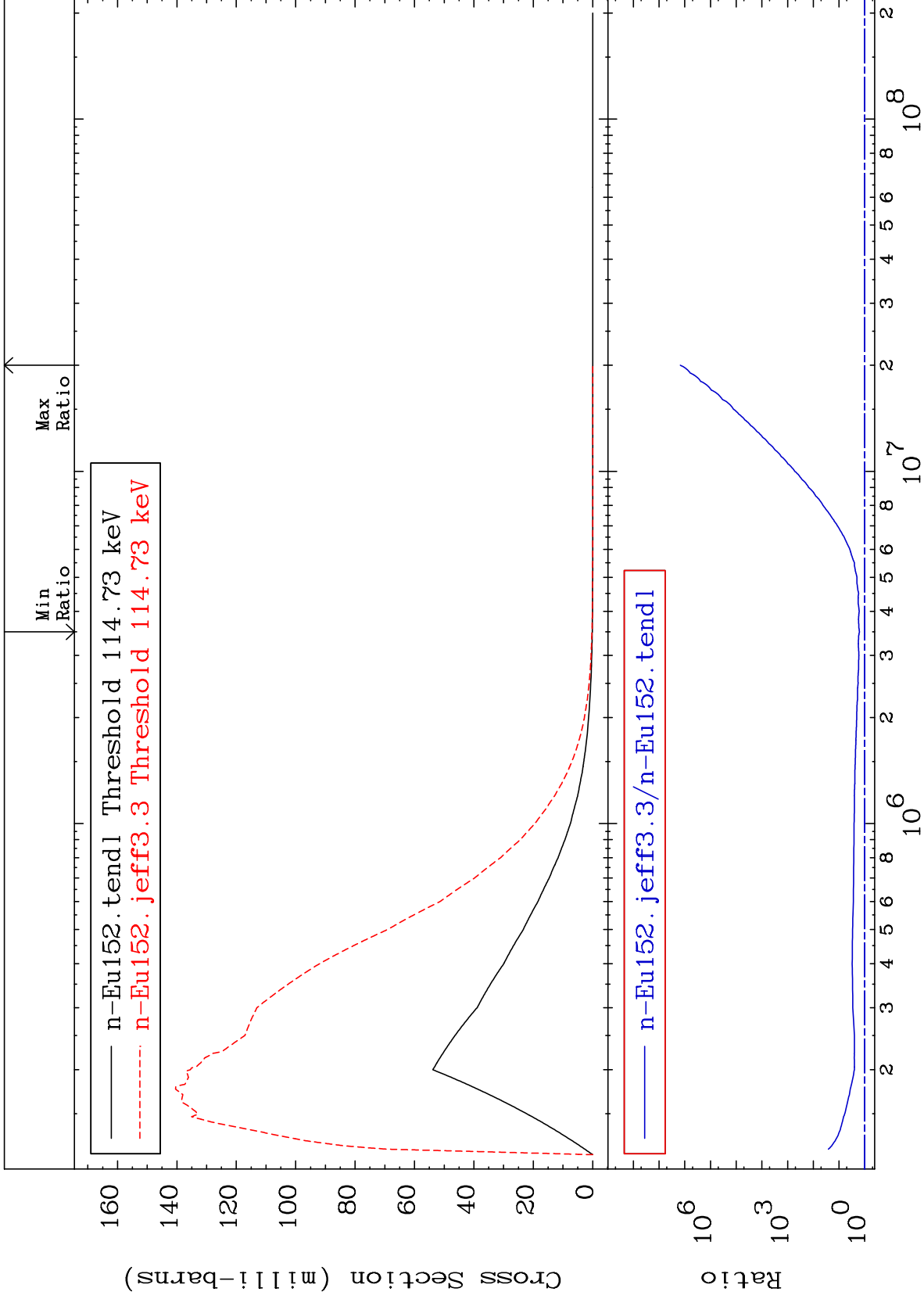
63-Eu-152
-30.70 To 9999. %



MAT 6328

MT= 60 (n,n') Level
Cross Section

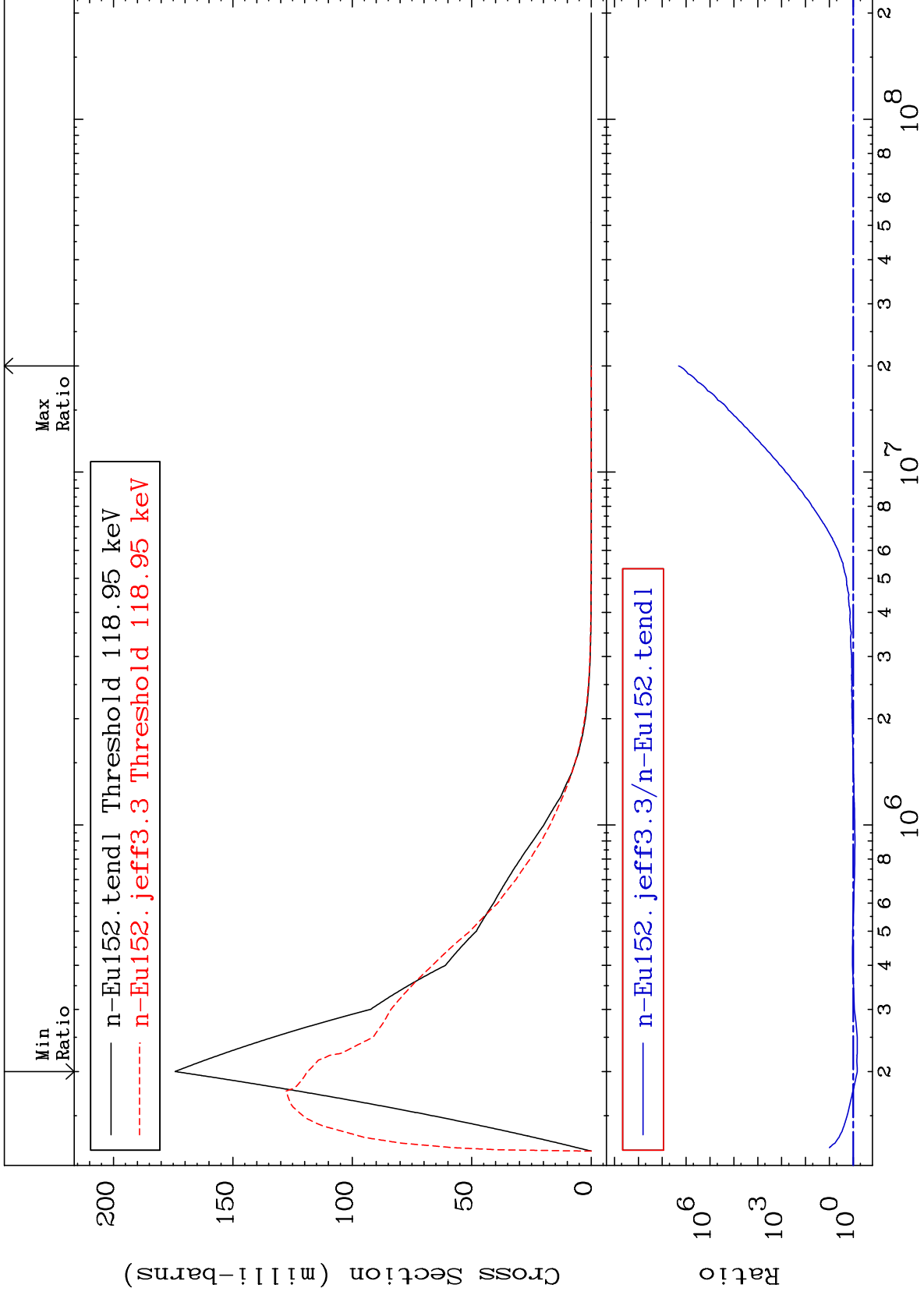
63-Eu-152
60.66 To 9999. %

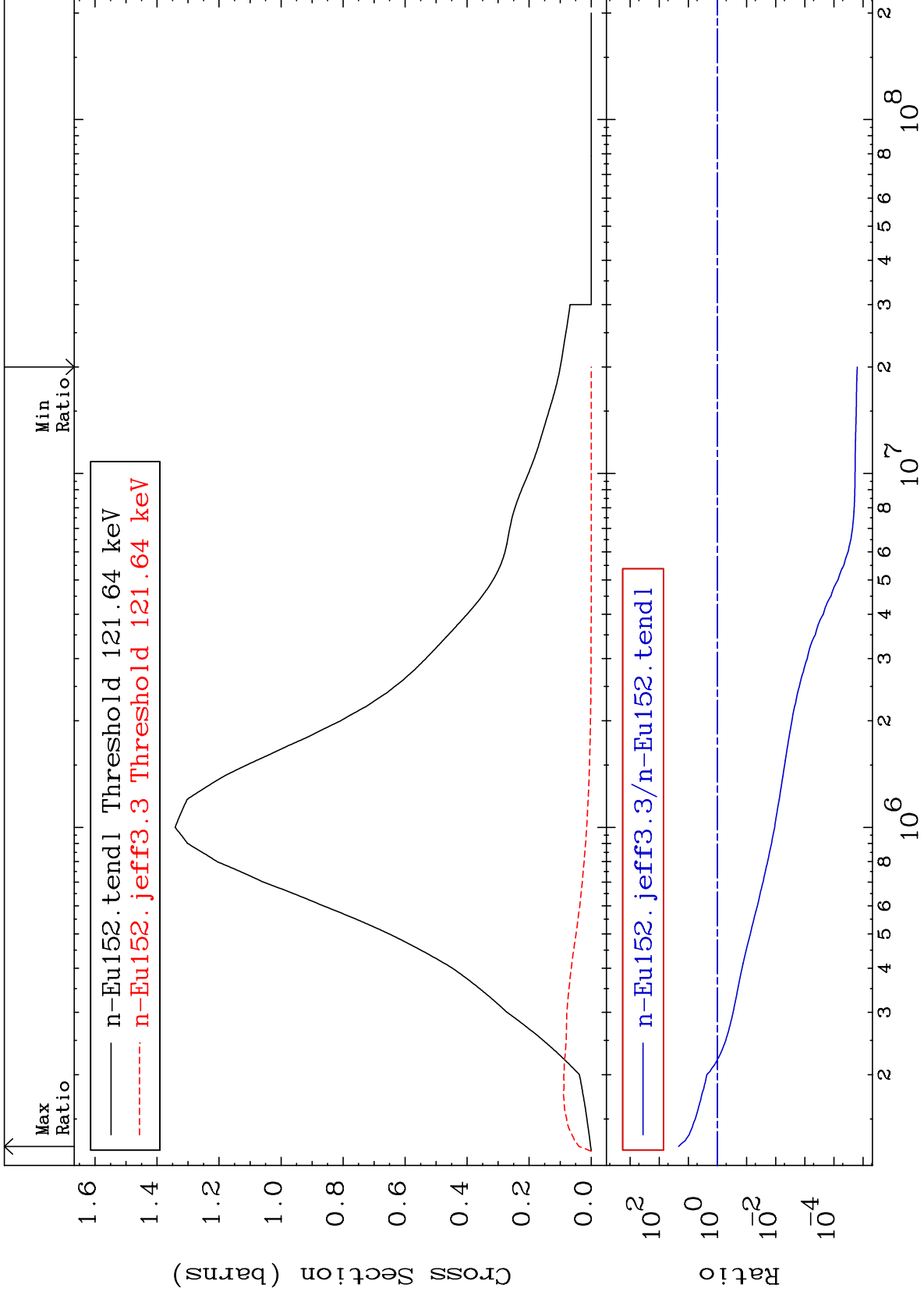


MAT 6328

MT= 61 (n,n') Level
Cross Section

63-Eu-152
-31.93 To 9999. %

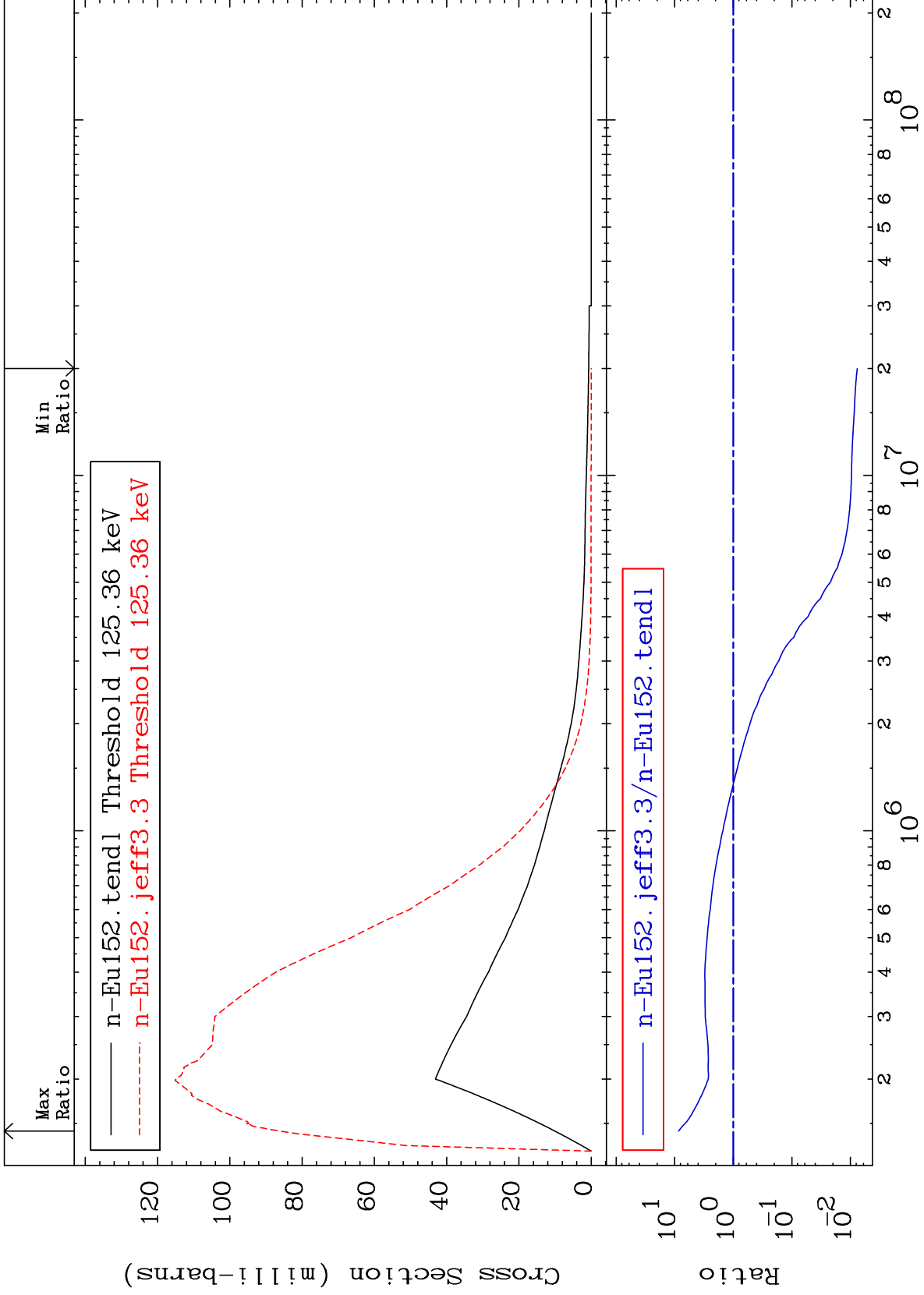




MAT 6328

MT= 63 (n,n') Level
Cross Section

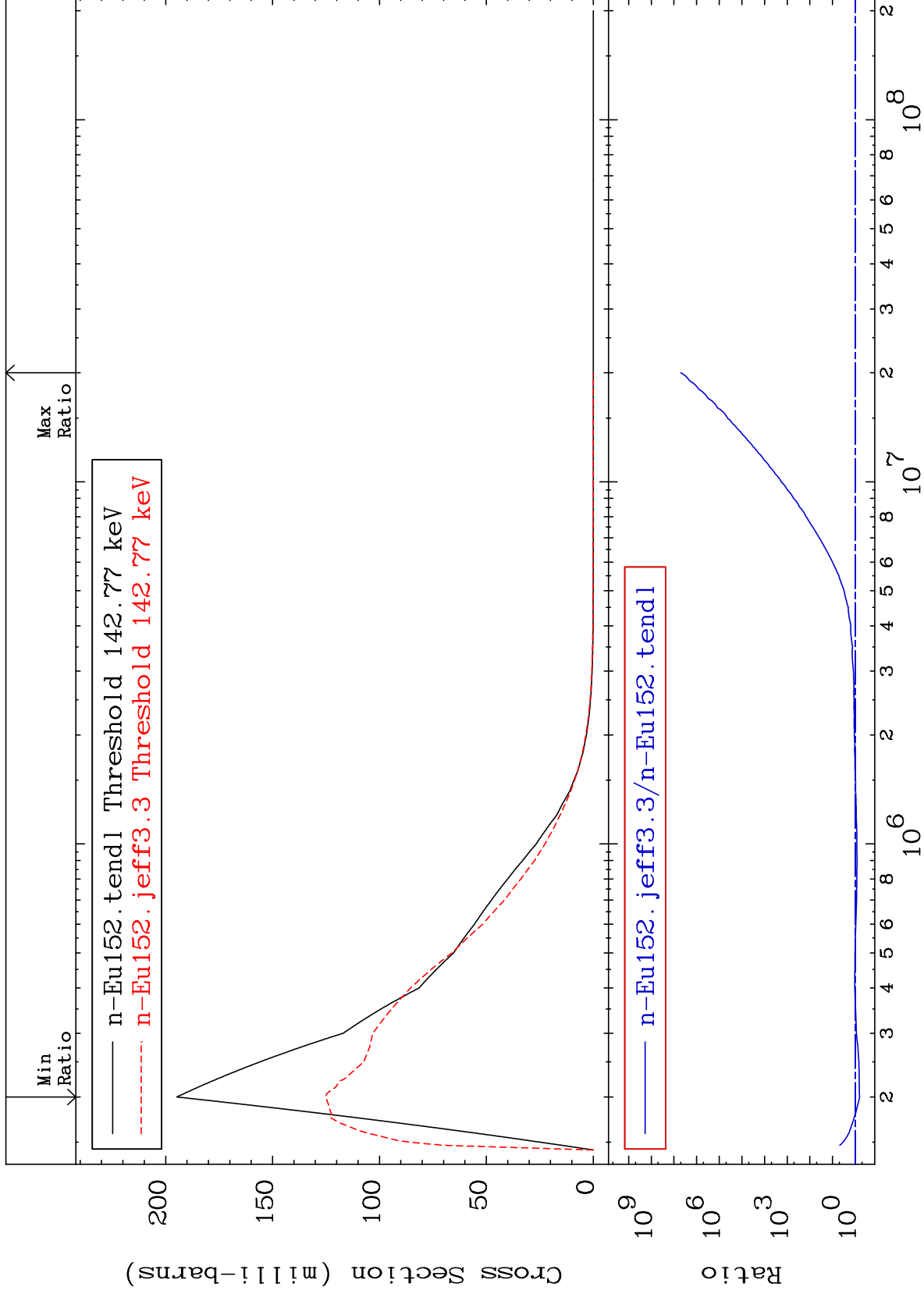
63-Eu-152
-99.23 To 757.6 %



MAT 6328

MT= 64 (n,n') Level
Cross Section

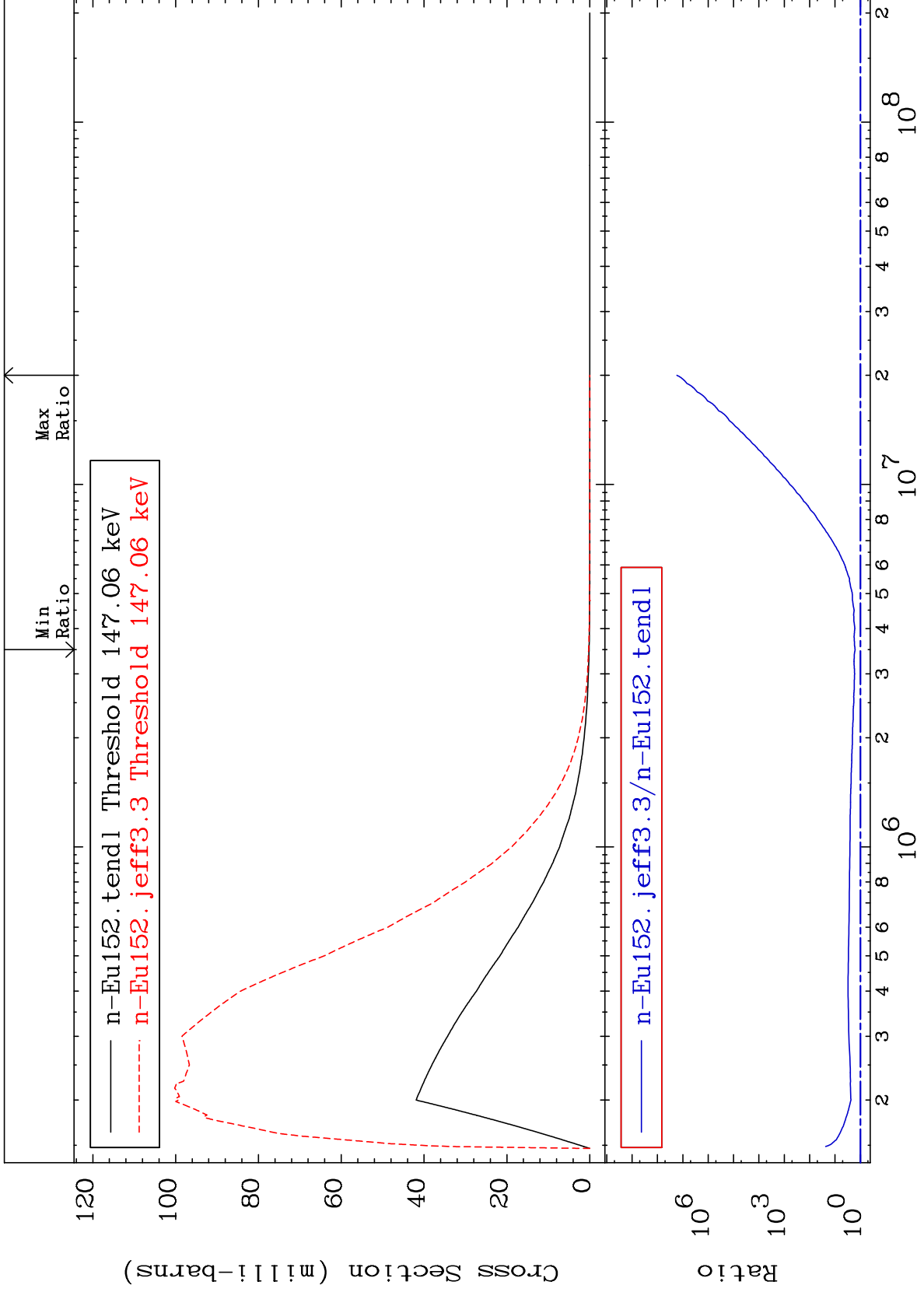
63-Eu-152
-35.86 To 9999. %



MAT 6328

MT= 65 (n,n') Level
Cross Section

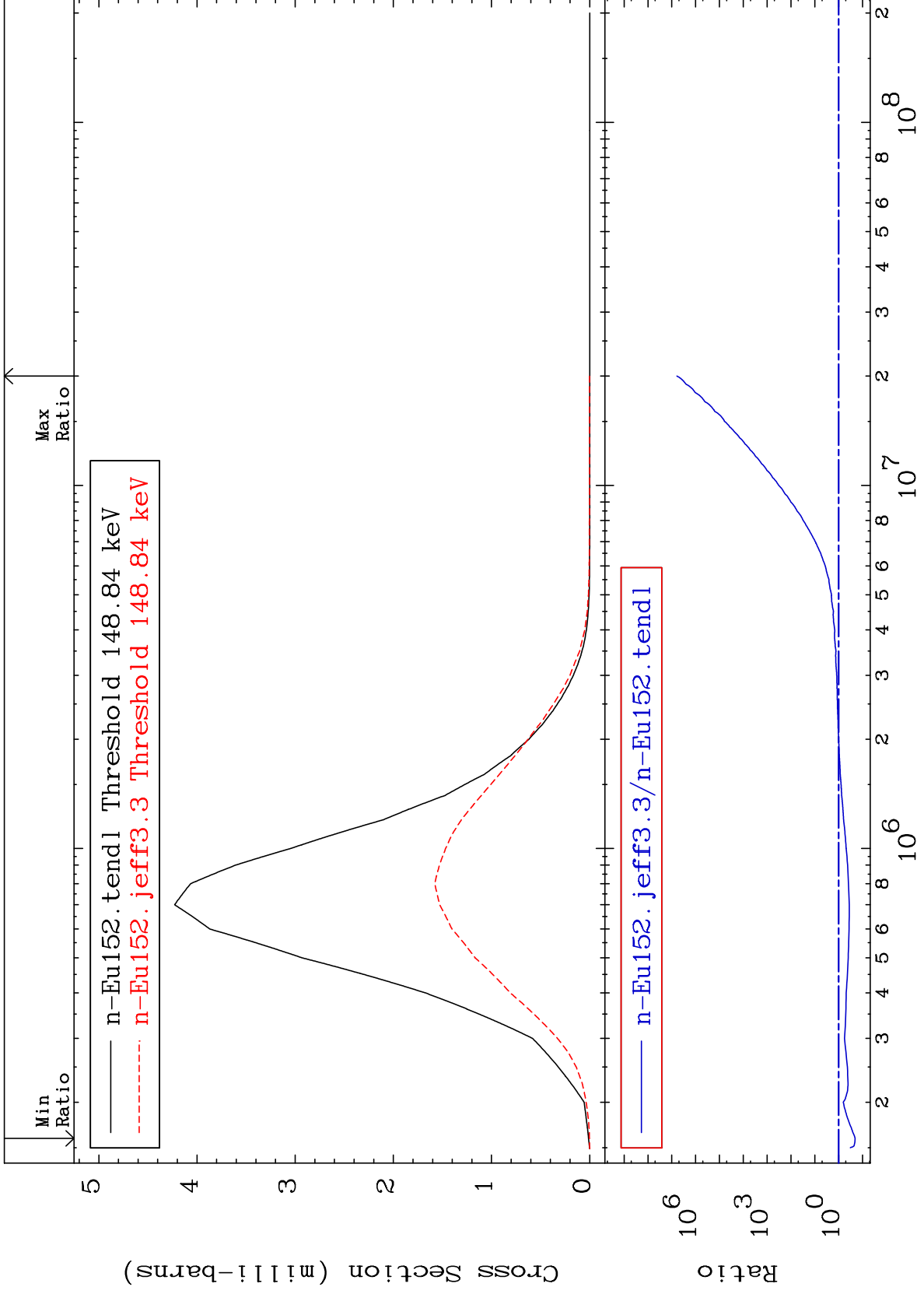
63-Eu-152
61.73 To 9999. %



MAT 6328

MT= 66 (n,n') Level
Cross Section

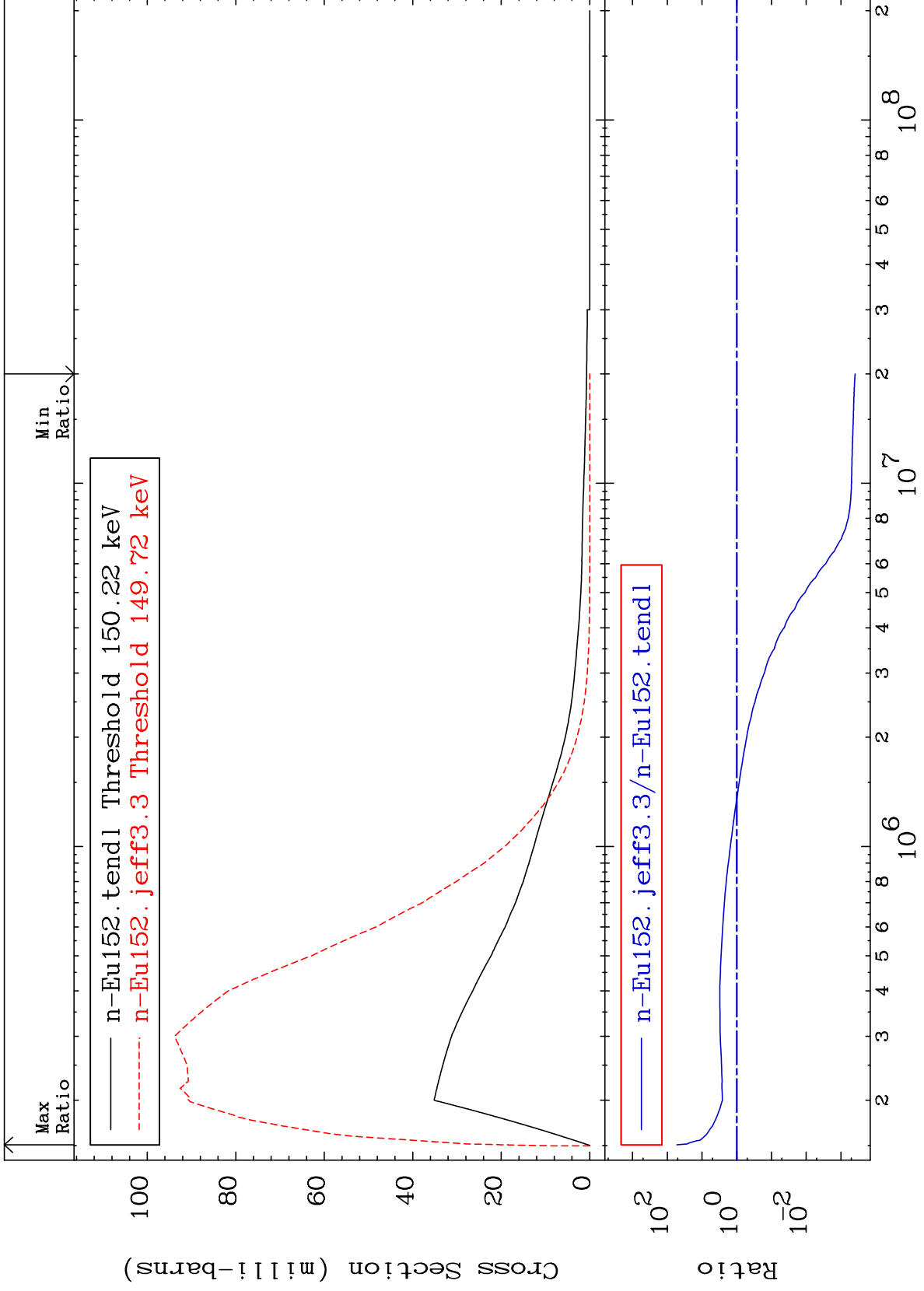
63-Eu-152
-79.54 To 9999. %



MAT 6328

MT= 67 (n,n') Level
Cross Section

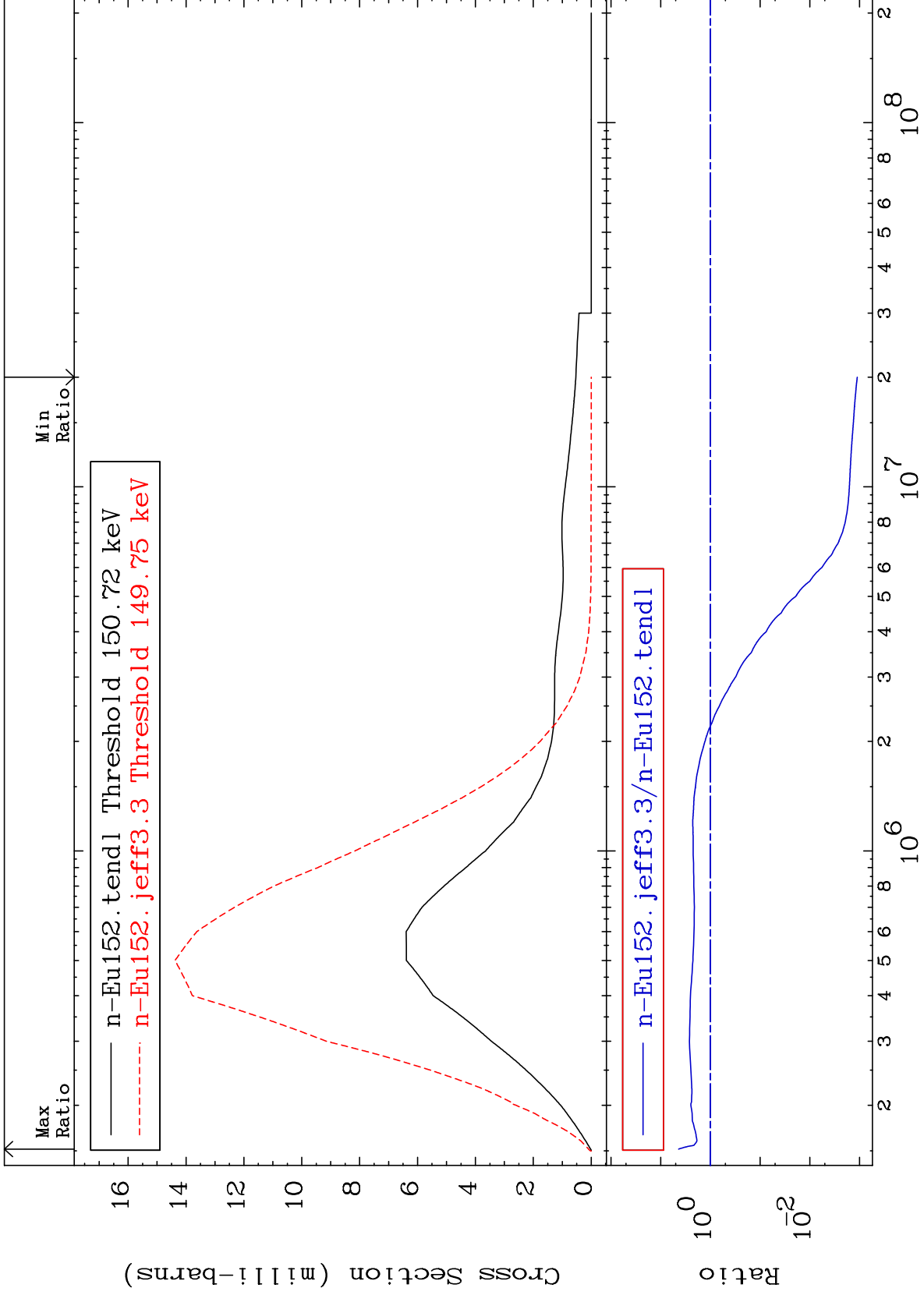
63-Eu-152
-99.96 To 5175. %



MAT 6328

MT= 68 (n,n') Level
Cross Section

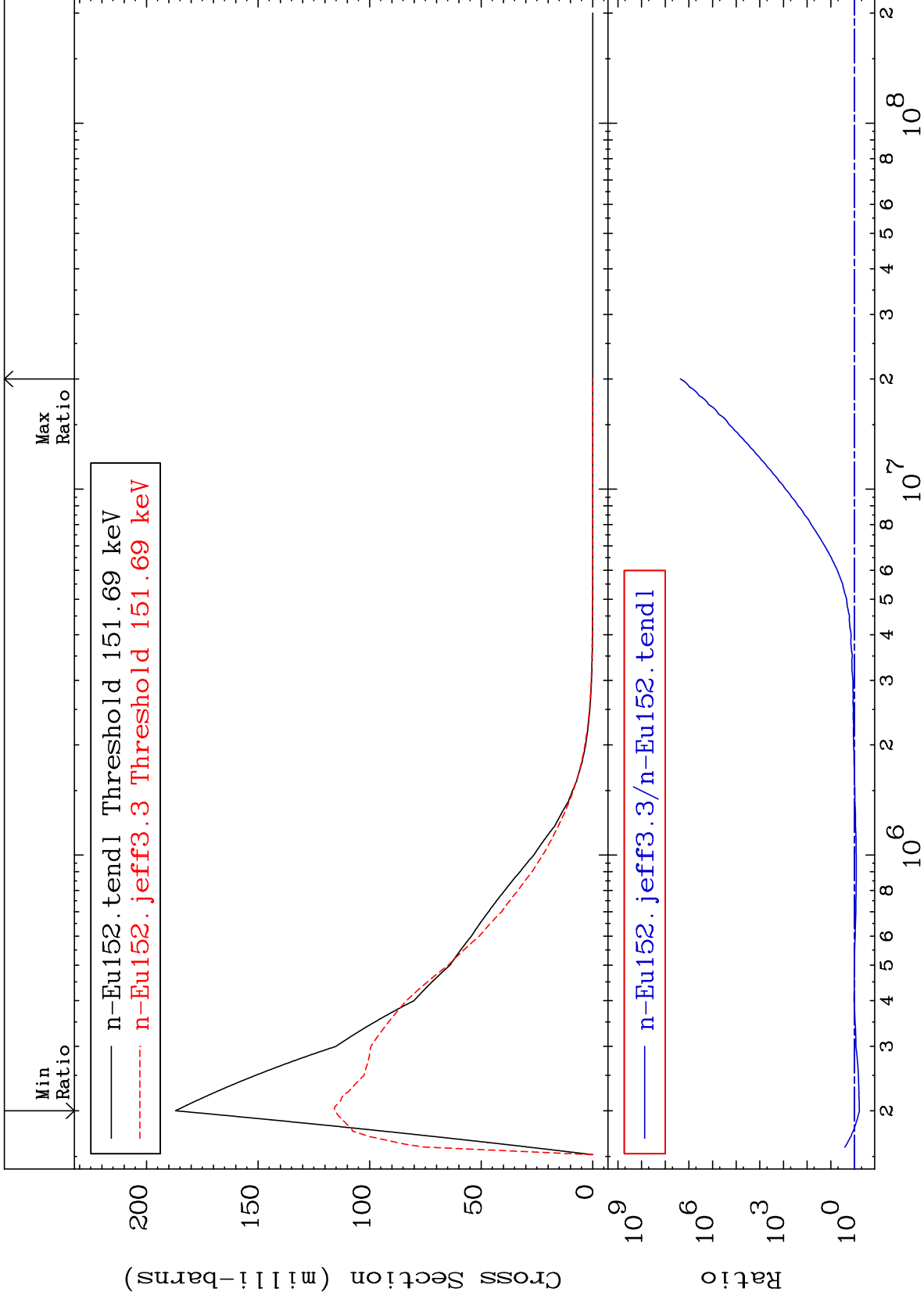
63-Eu-152
-99.89 To 335.8 %



MAT 6328

MT= 69 (n,n') Level
Cross Section

63-Eu-152
-38.27 To 9999. %



30

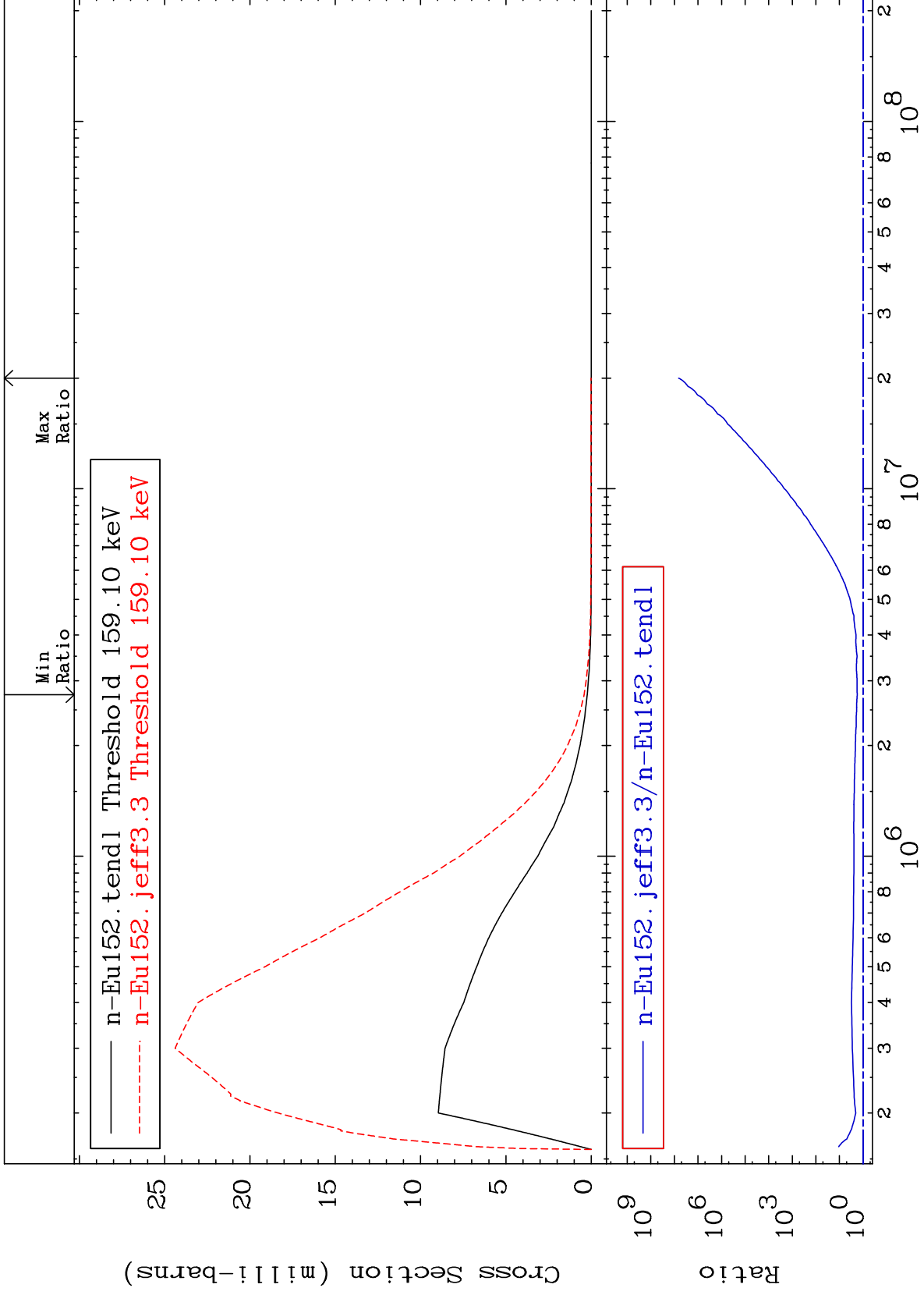
Incident Energy (eV)

63-Eu-152

MAT 6328

MT= 70 (n,n') Level
Cross Section

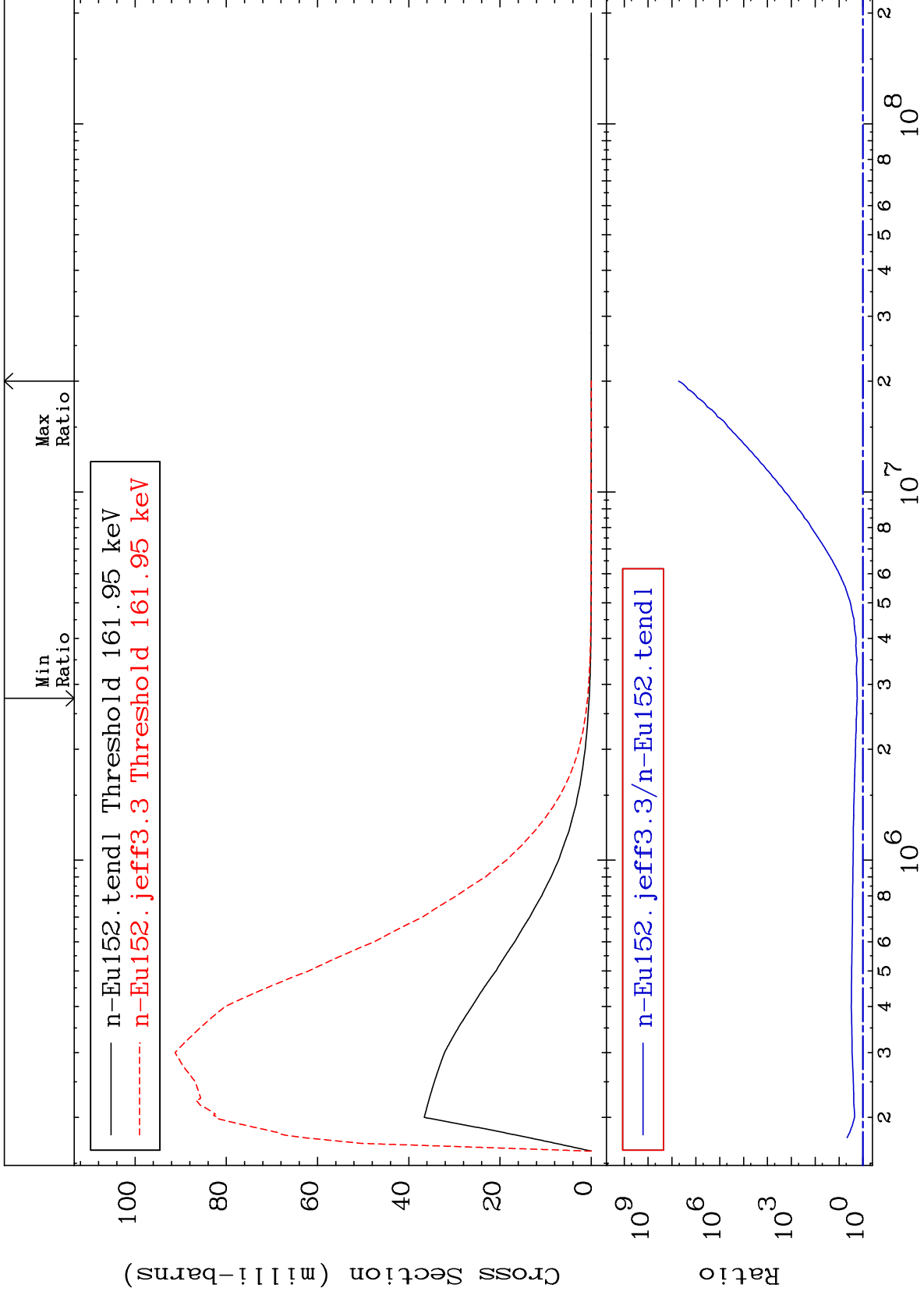
63-Eu-152
75.90 To 9999. %



MAT 6328

MT= 71 (n,n') Level
Cross Section

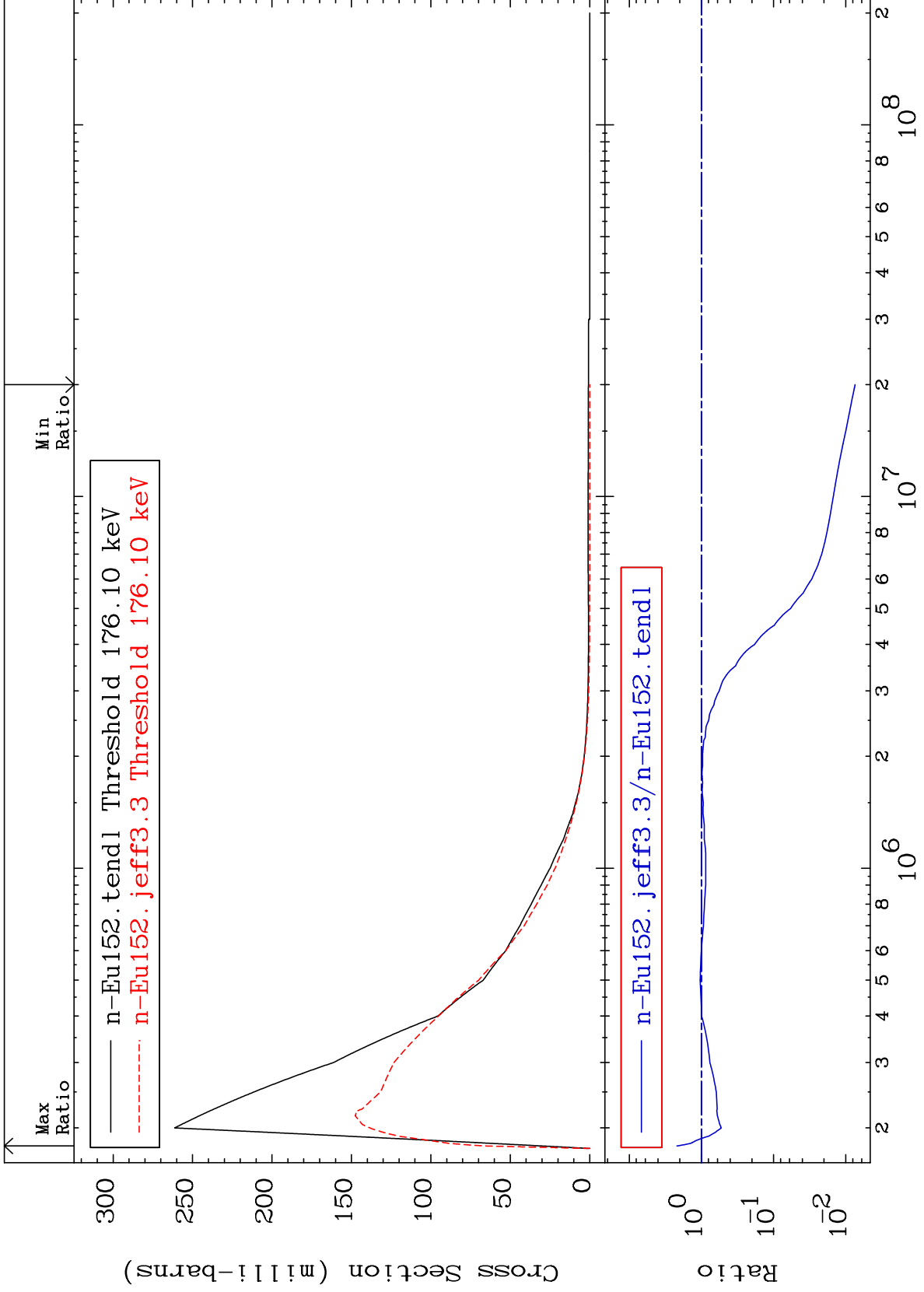
63-Eu-152
73.17 To 9999. %



MAT 6328

MT= 72 (n,n') Level
Cross Section

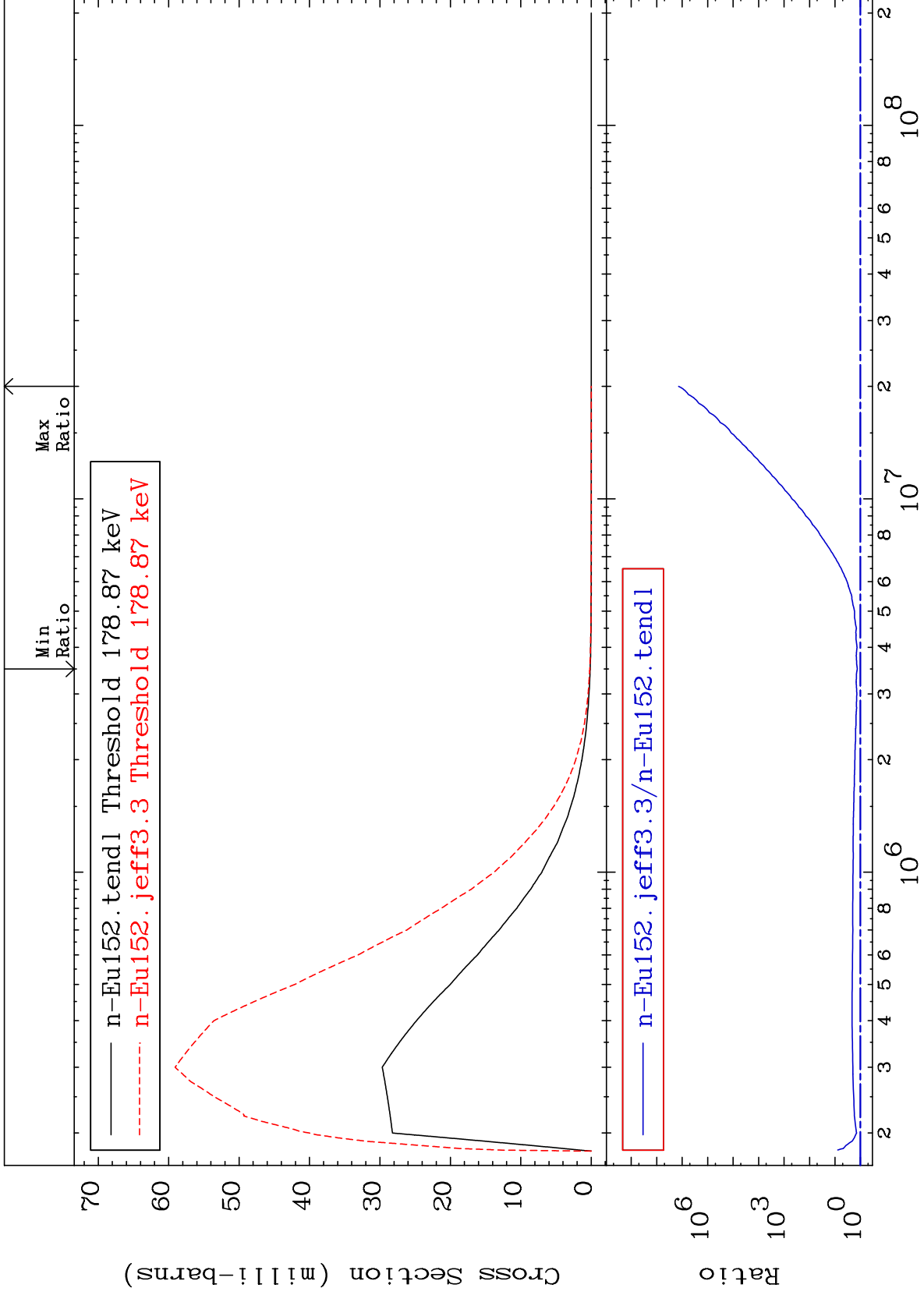
63-Eu-152
-99.26 To 118.8 %



MAT 6328

MT= 73 (n,n') Level
Cross Section

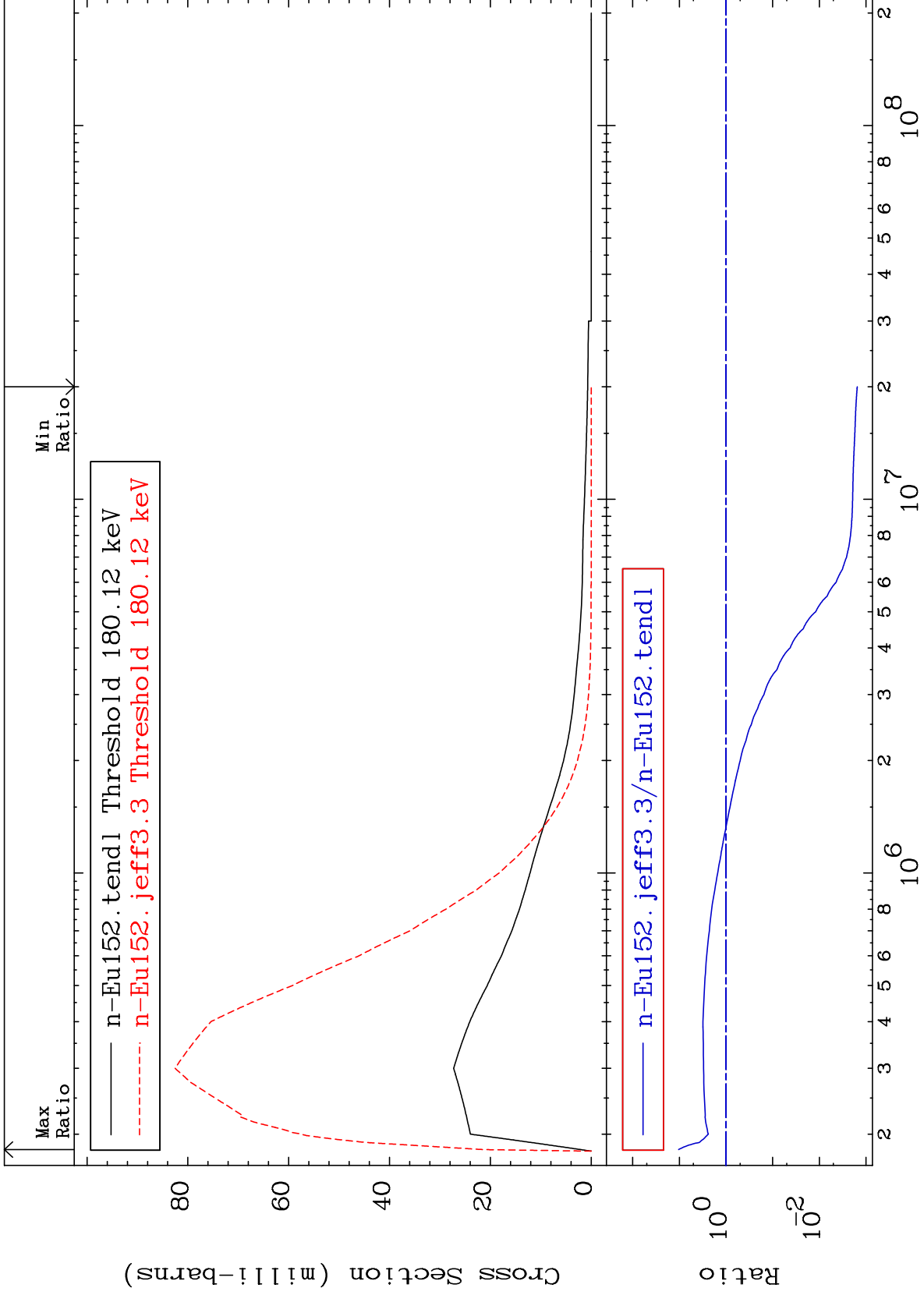
63-Eu-152
33.75 To 9999. %



MAT 6328

MT= 74 (n,n') Level
Cross Section

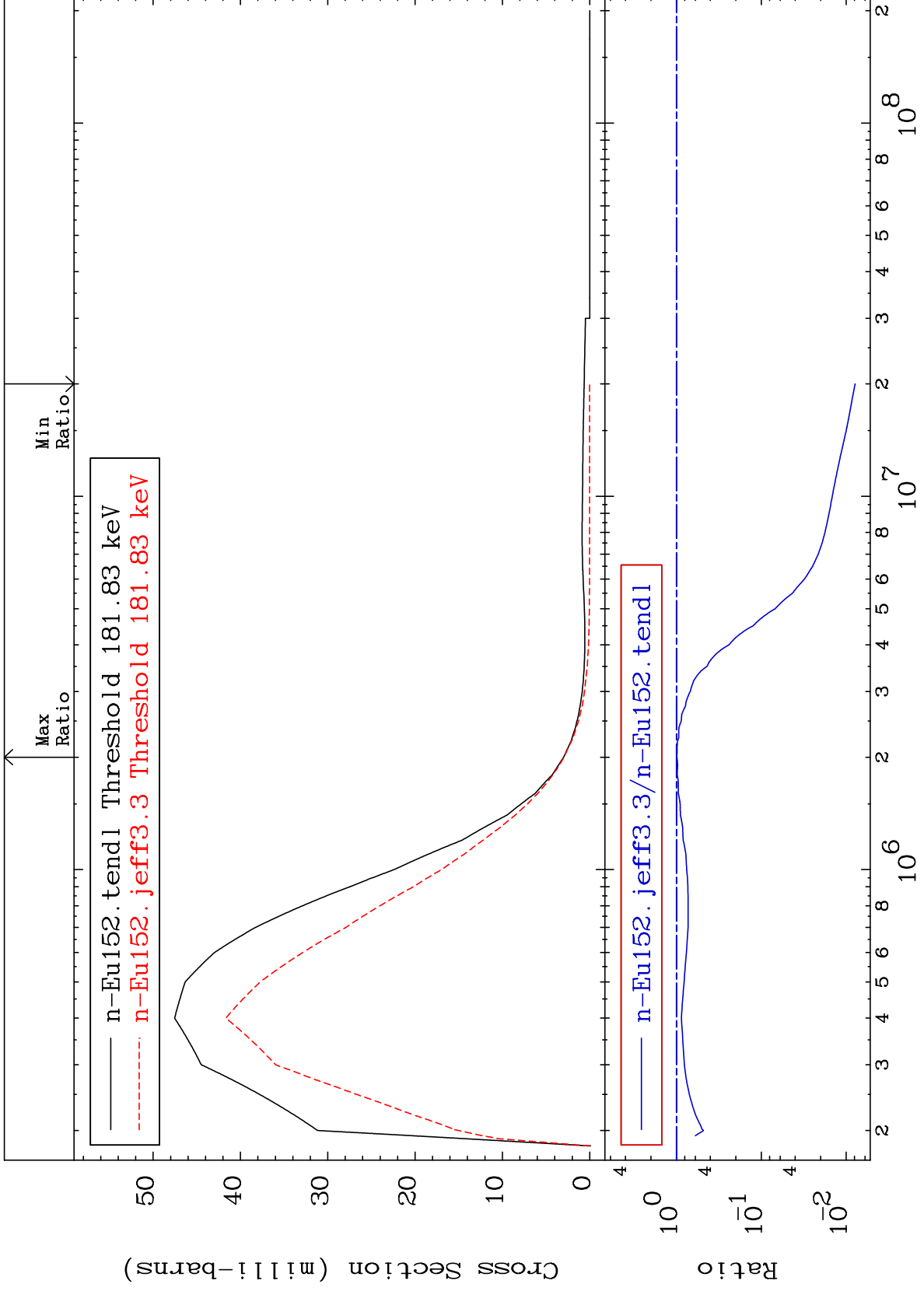
63-Eu-152
-99.85 To 936.6 %



MAT 6328

MT= 75 (n,n') Level
Cross Section

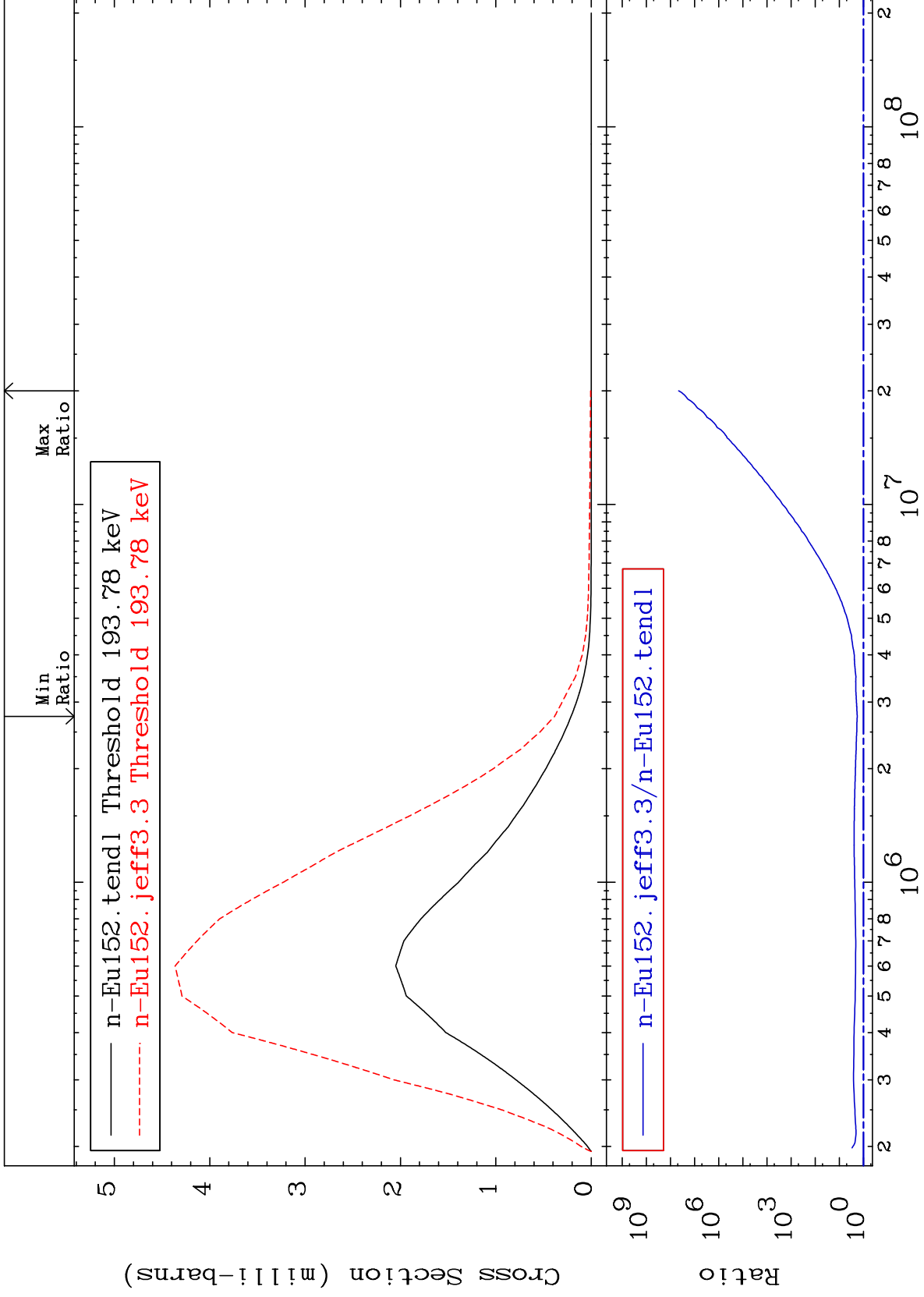
63-Eu-152
-99.21 To -1.106%



MAT 6328

MT= 76 (n,n') Level
Cross Section

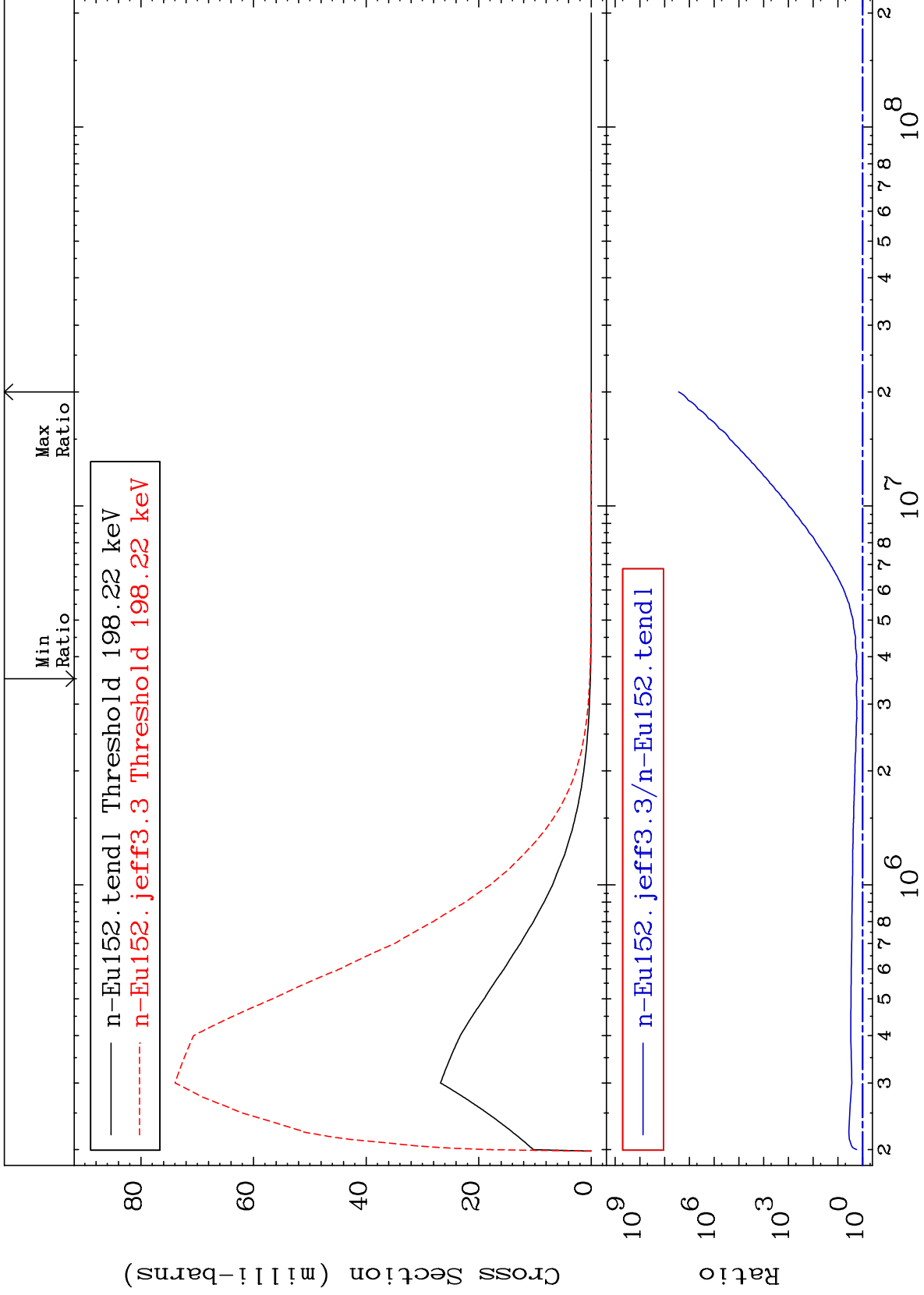
63-Eu-152
81.83 To 9999. %



MAT 6328

MT= 77 (n,n') Level
Cross Section

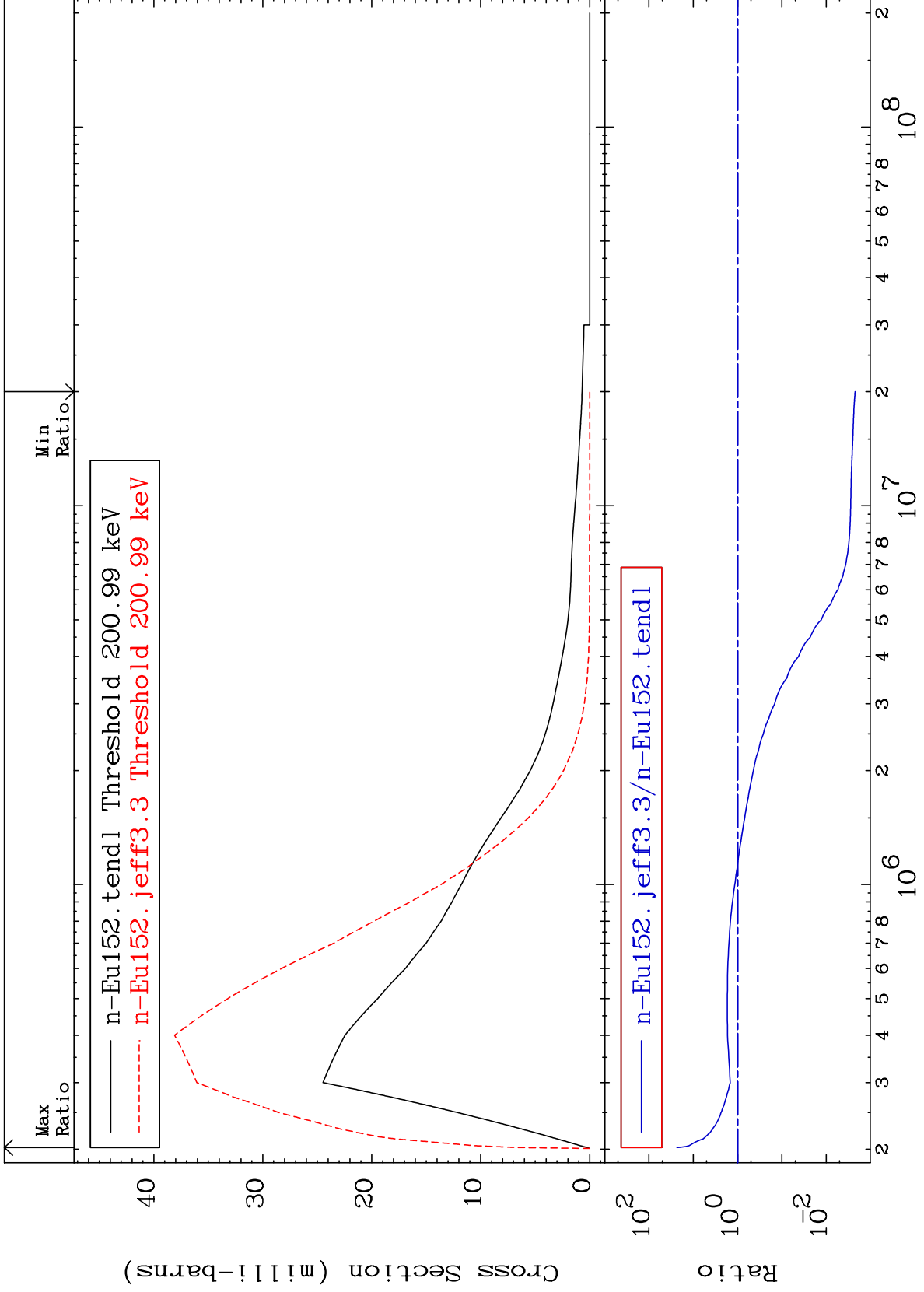
63-Eu-152
66.04 To 9999. %



MAT 6328

MT= 78 (n,n') Level
Cross Section

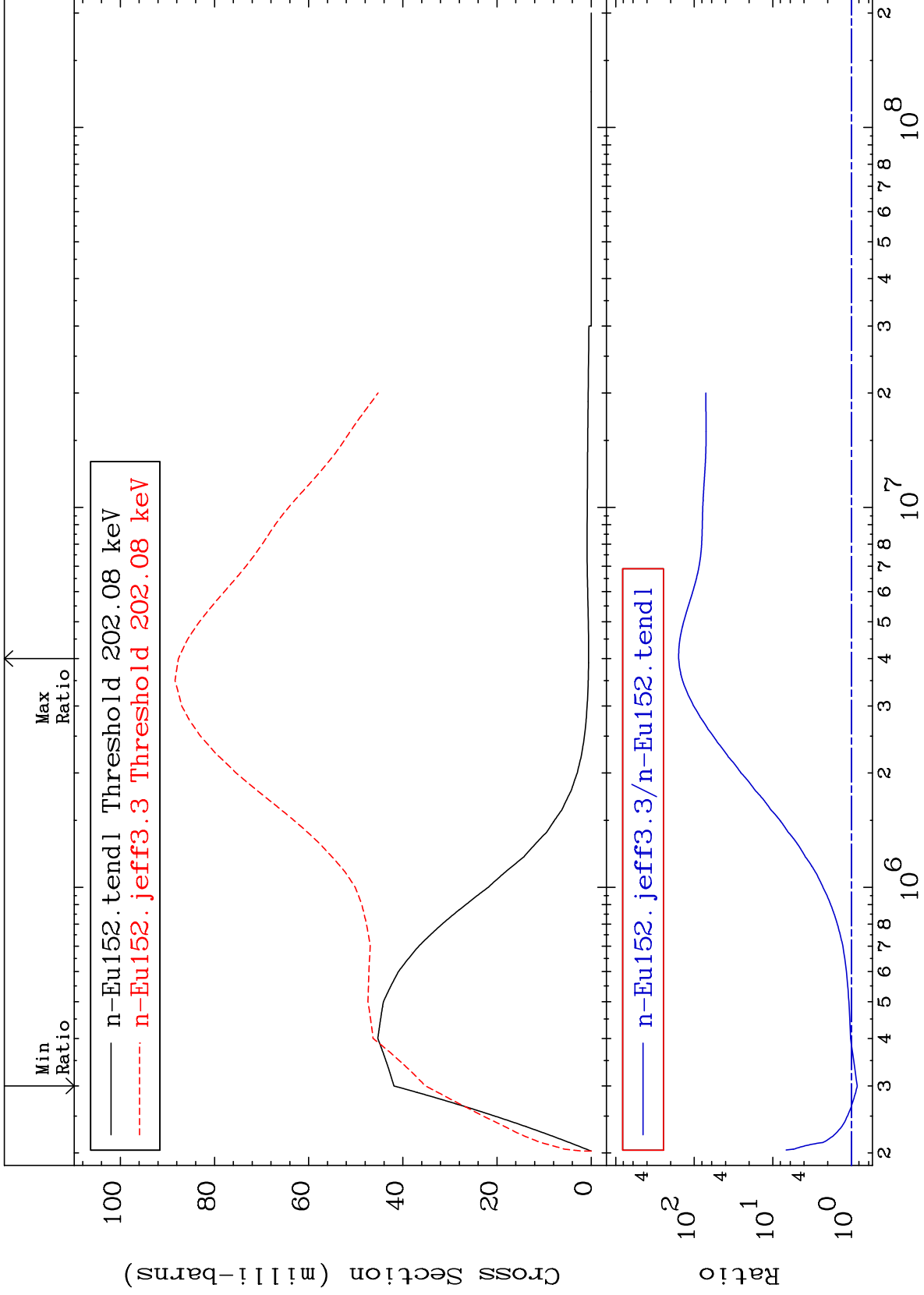
63-Eu-152
-99.78 To 2237. %



MAT 6328

MT= 79 (n,n') Level
Cross Section

63-Eu-152
-15.93 To 9999. %



40

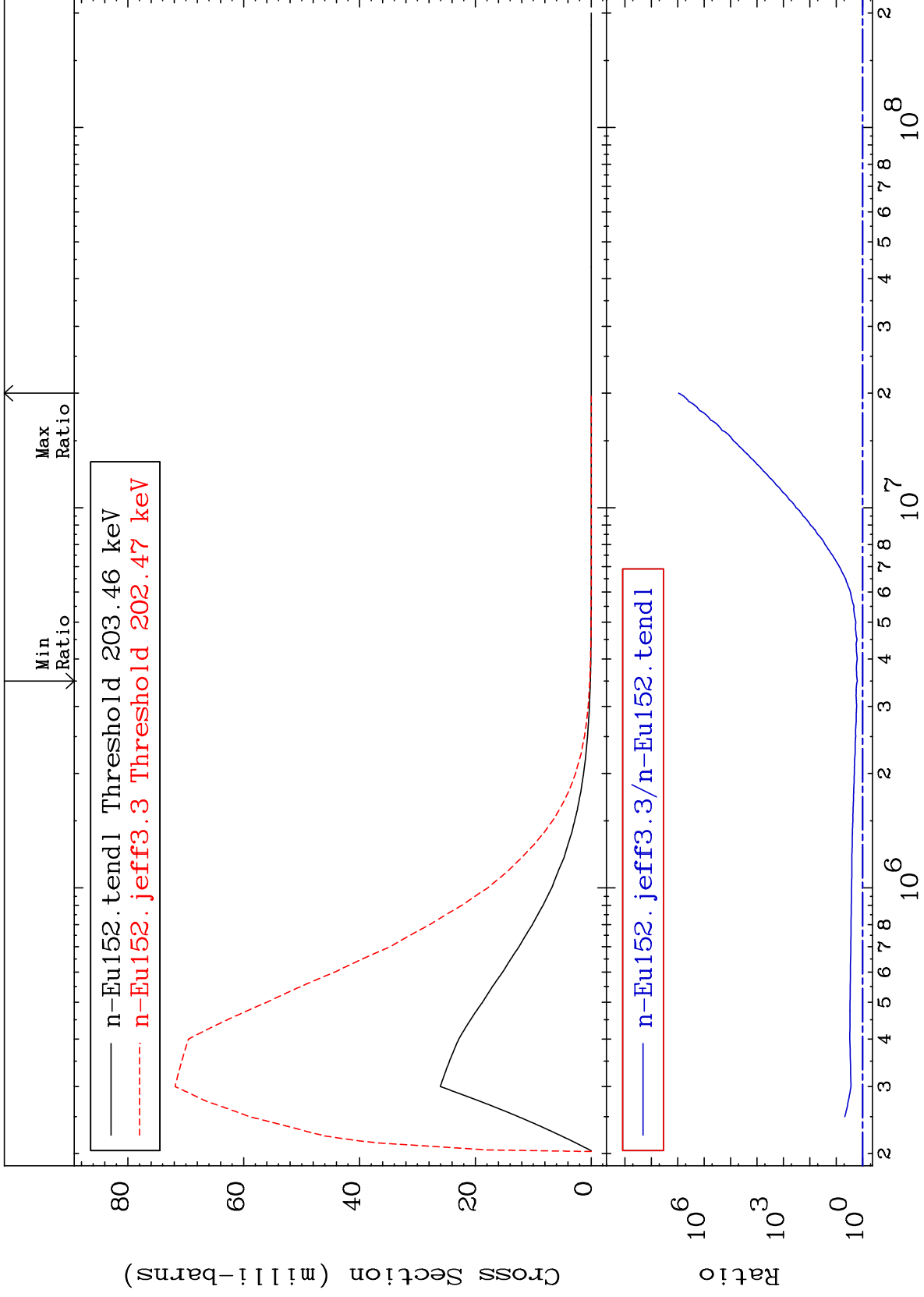
Incident Energy (eV)

63-Eu-152

MAT 6328

MT= 80 (n,n') Level
Cross Section

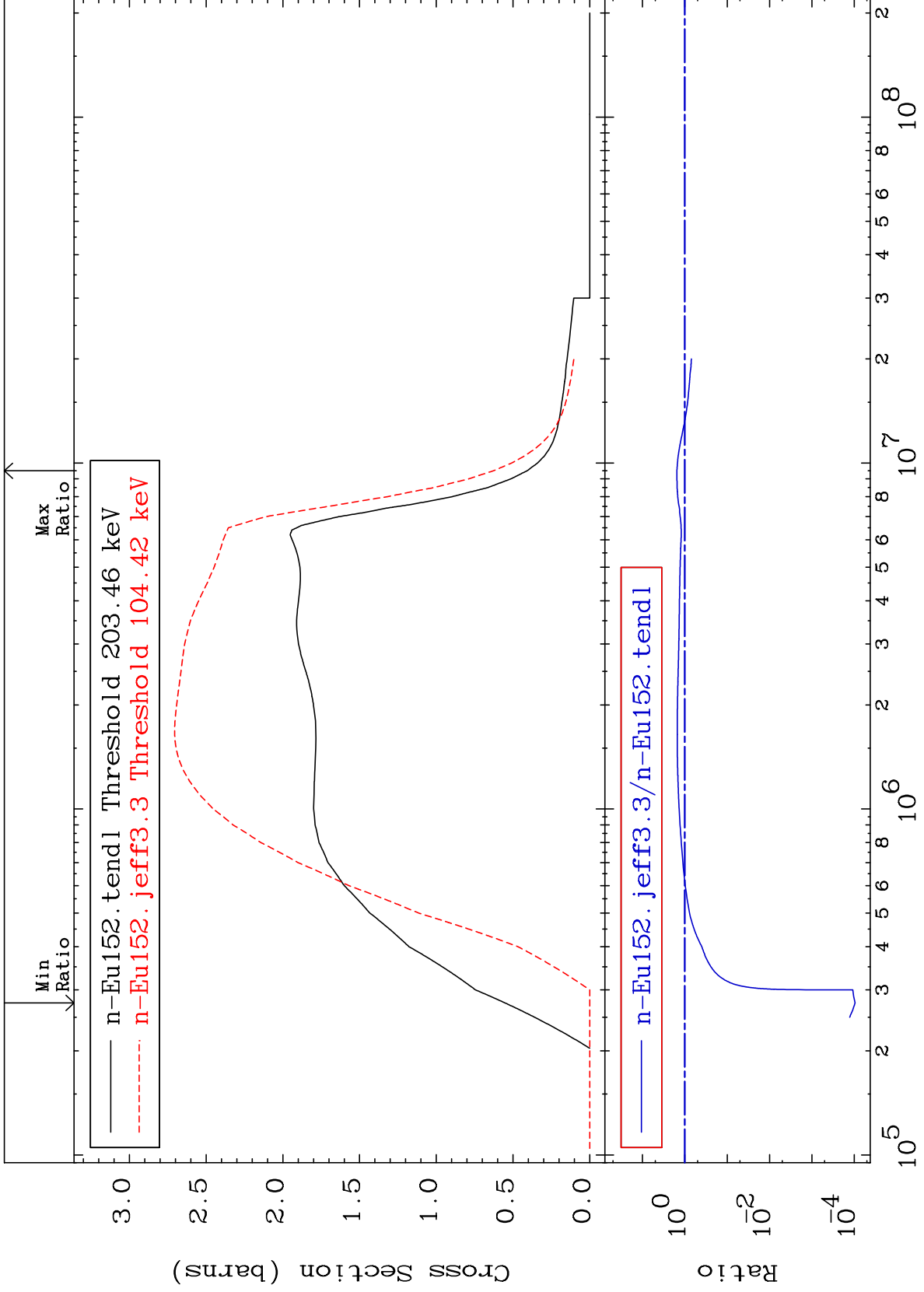
63-Eu-152
59.19 To 9999. %



MAT 6328

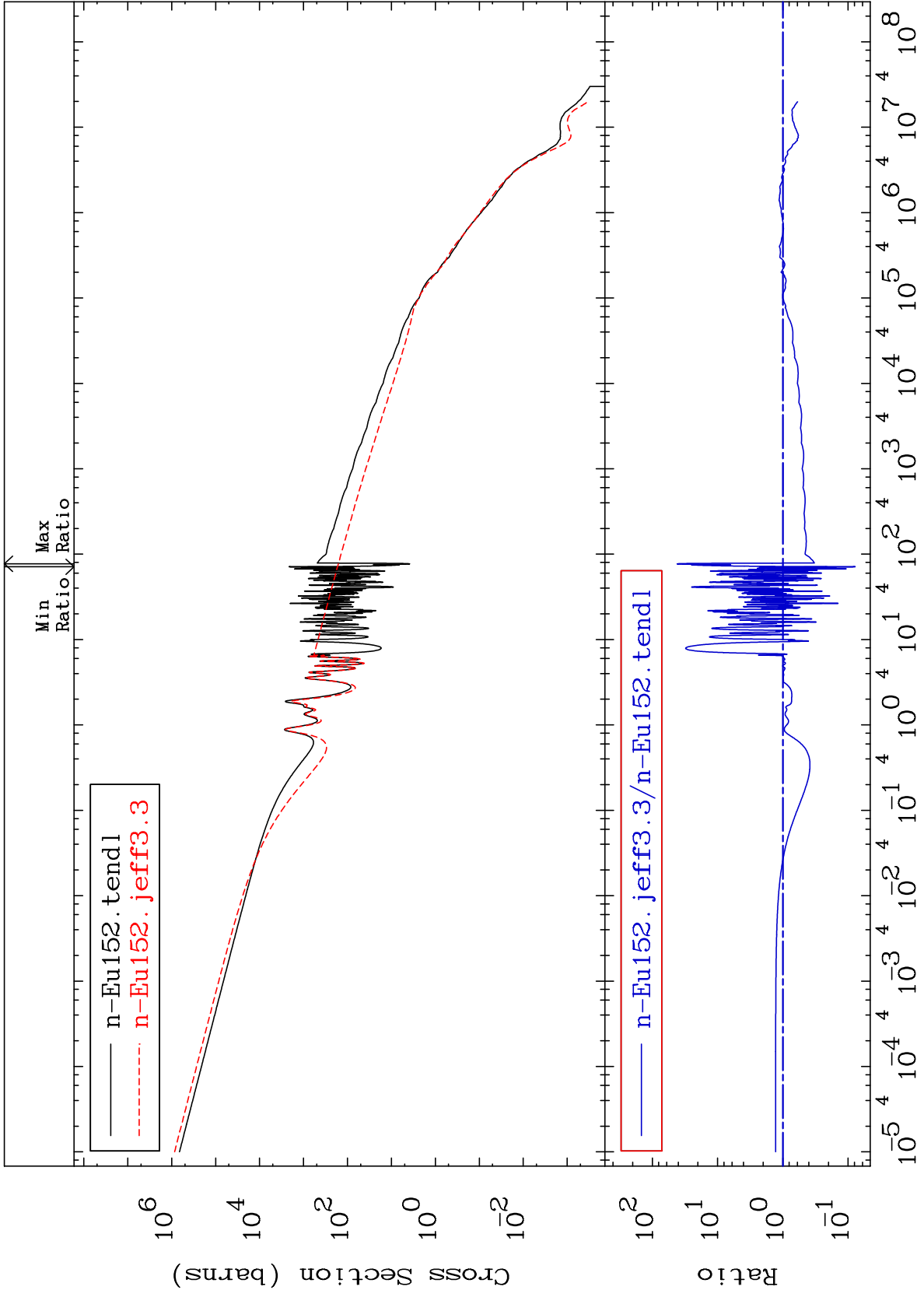
(n, n') Continuum
Cross Section

63-Eu-152
-99.99 To 53.95 %



MAT 6328

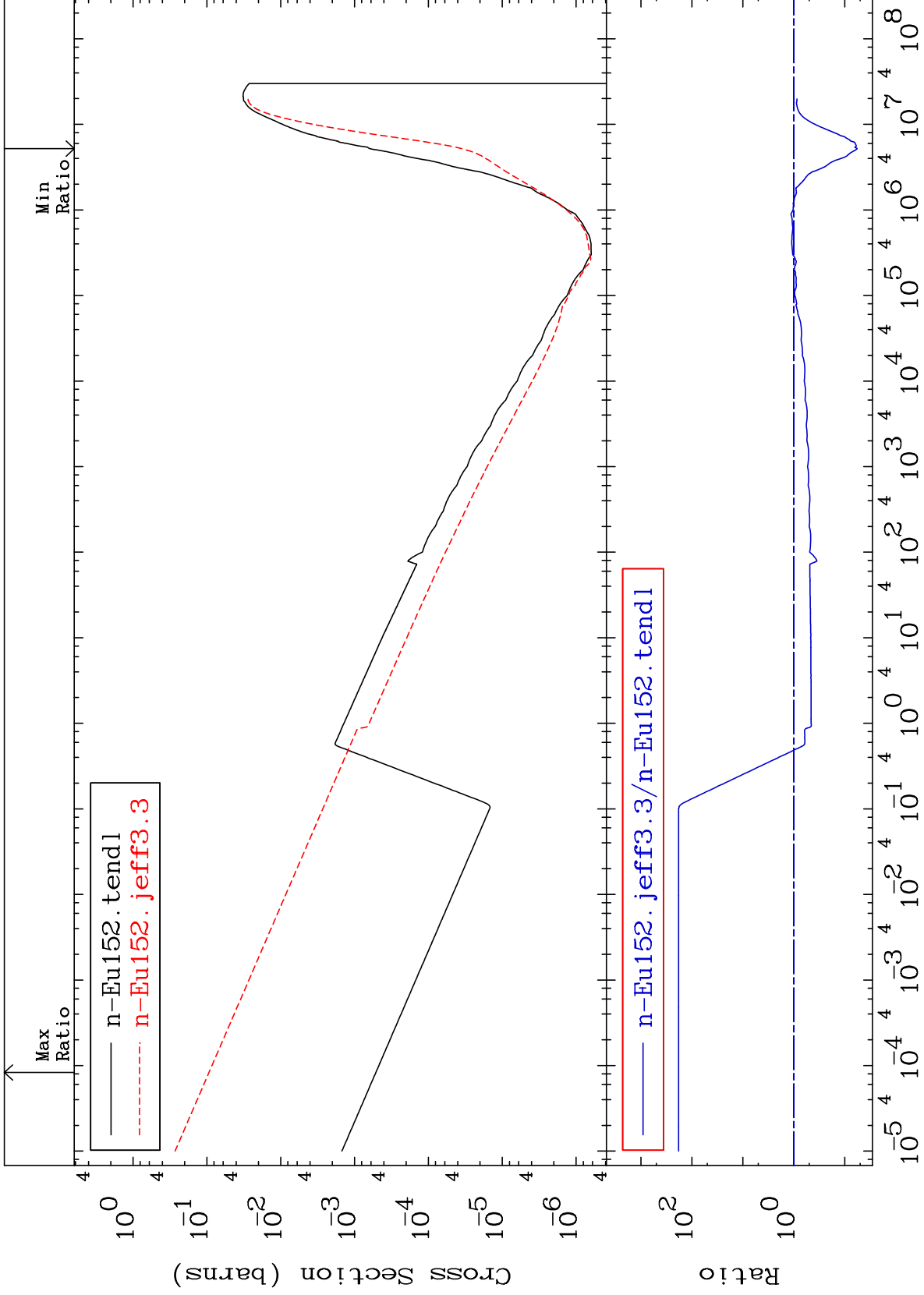
(n, γ)
Cross Section
63-Eu-152
-92.18 To 4095. %



MAT 6328

(n,p)
Cross Section

63-Eu-152
-94.31 To 9999. %



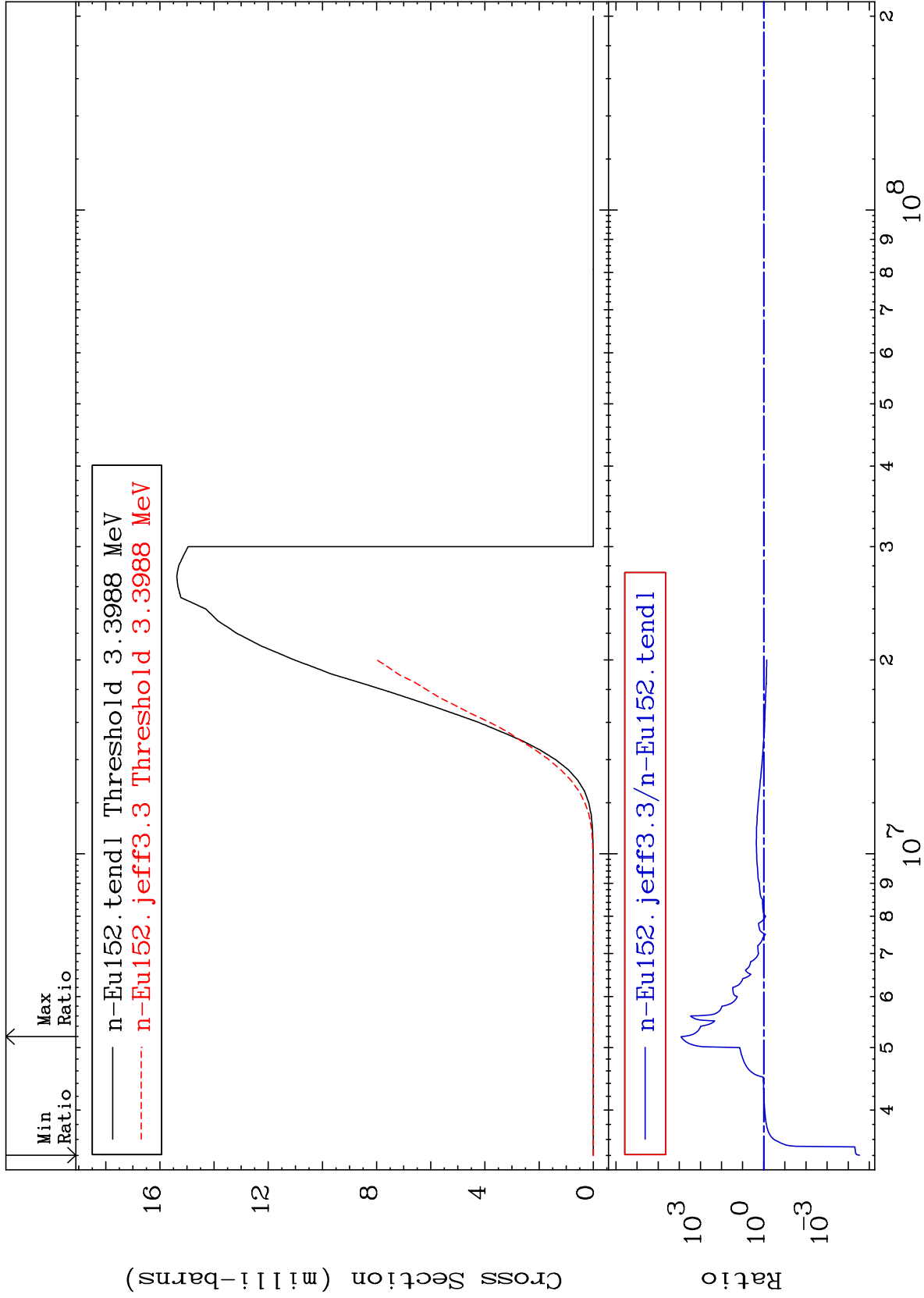
MAT 6328

(n, d)

63-Eu-152

Cross Section

-100.0 To 9999. %



45

Incident Energy (eV)

63-Eu-152

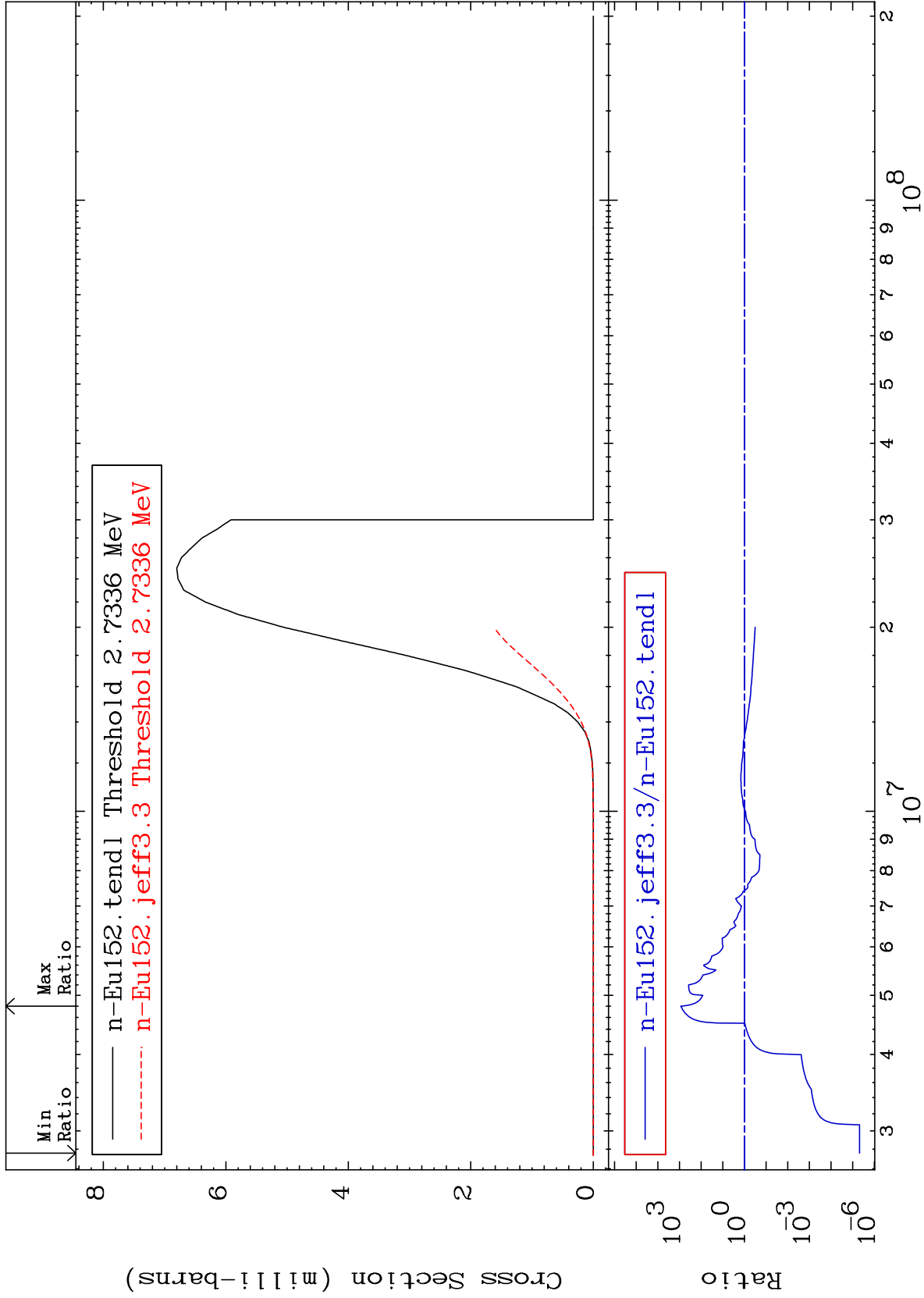
MAT 6328

(n, t)

63-Eu-152

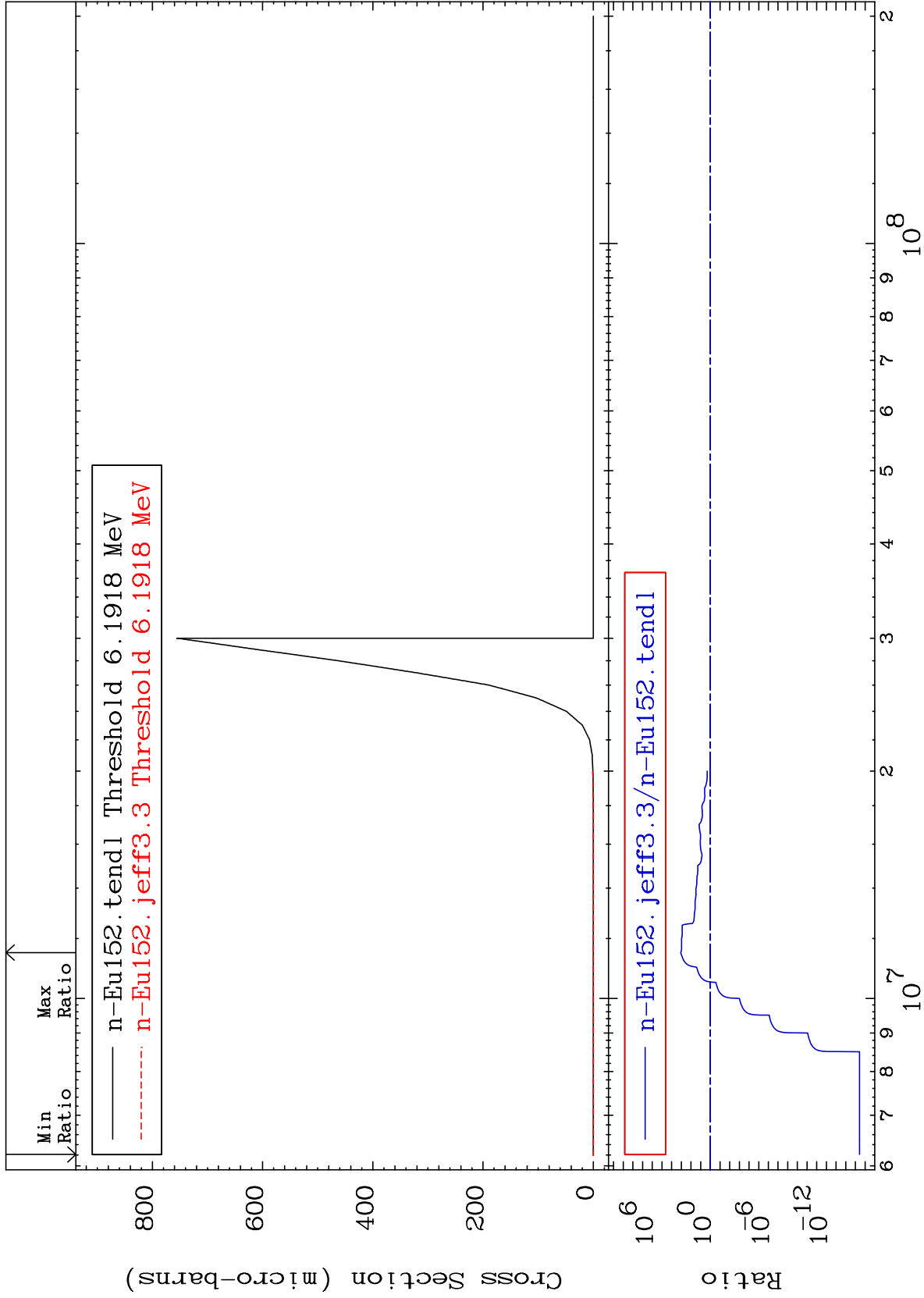
Cross Section

-100.0 To 9999. %



Cross Section

-100.0 To 9999. %



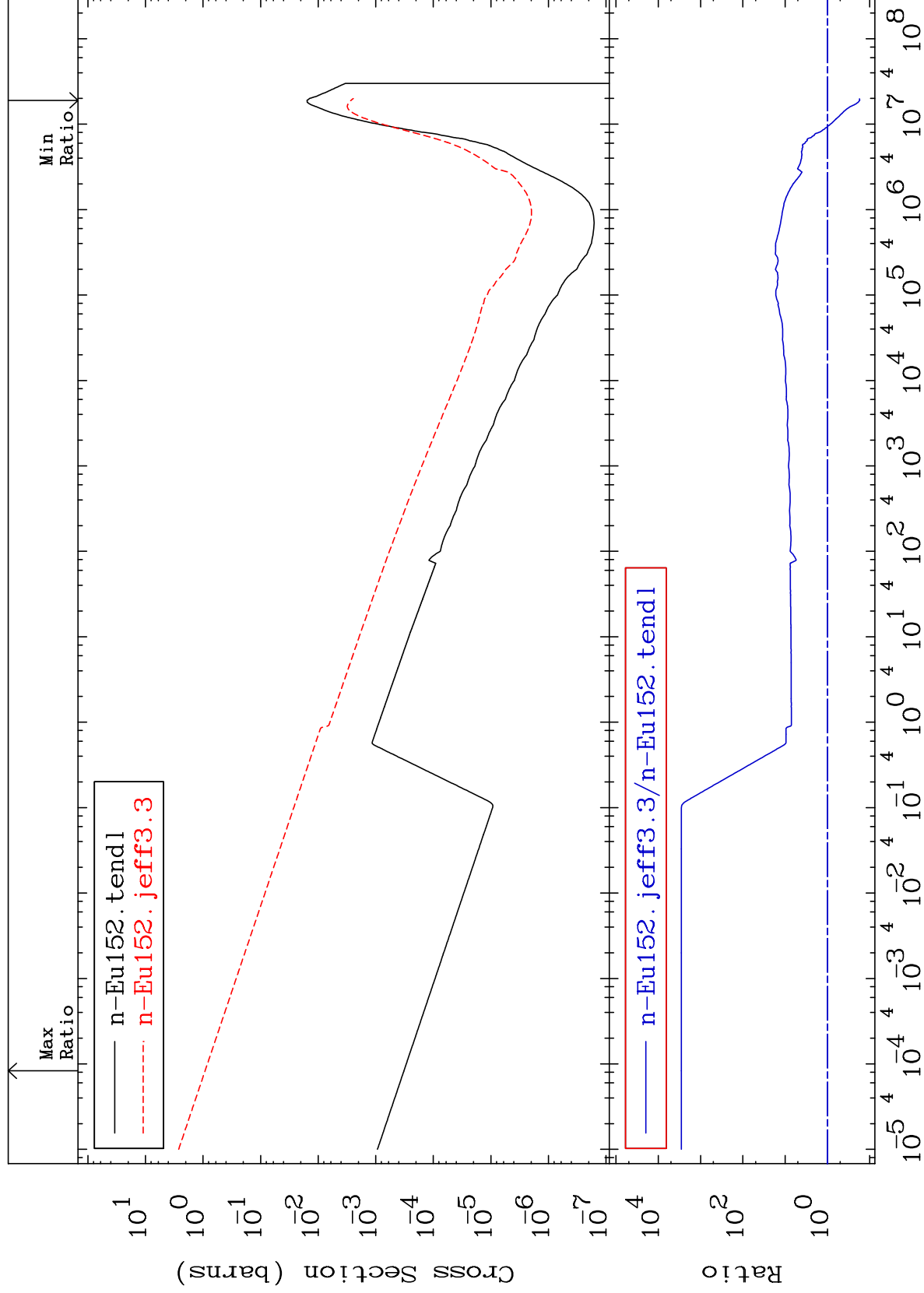
MAT 6328

(n, α)

63-Eu-152

Cross Section

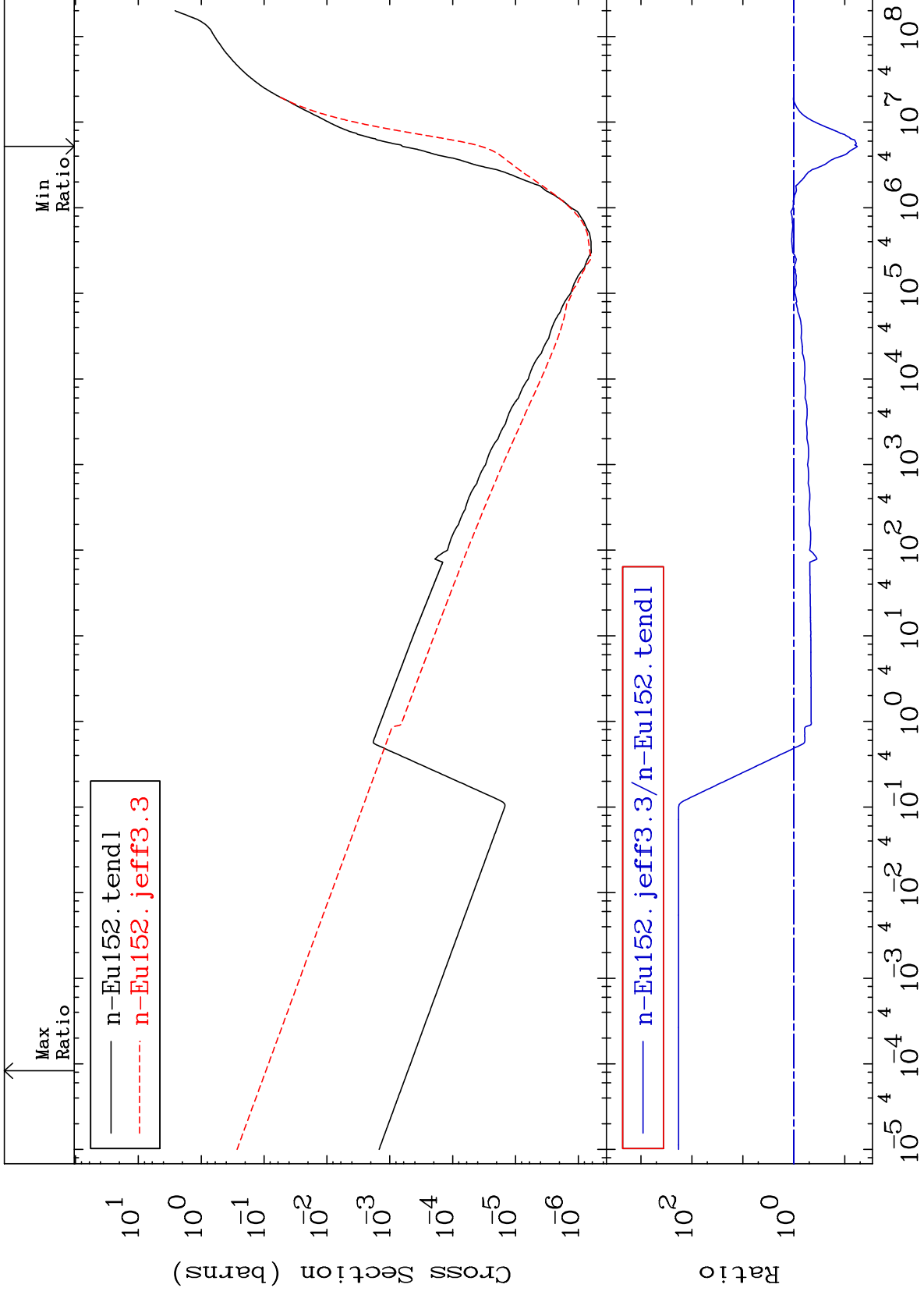
-82.76 To 9999. %



MAT 6328

Hydrogen Production
Cross Section

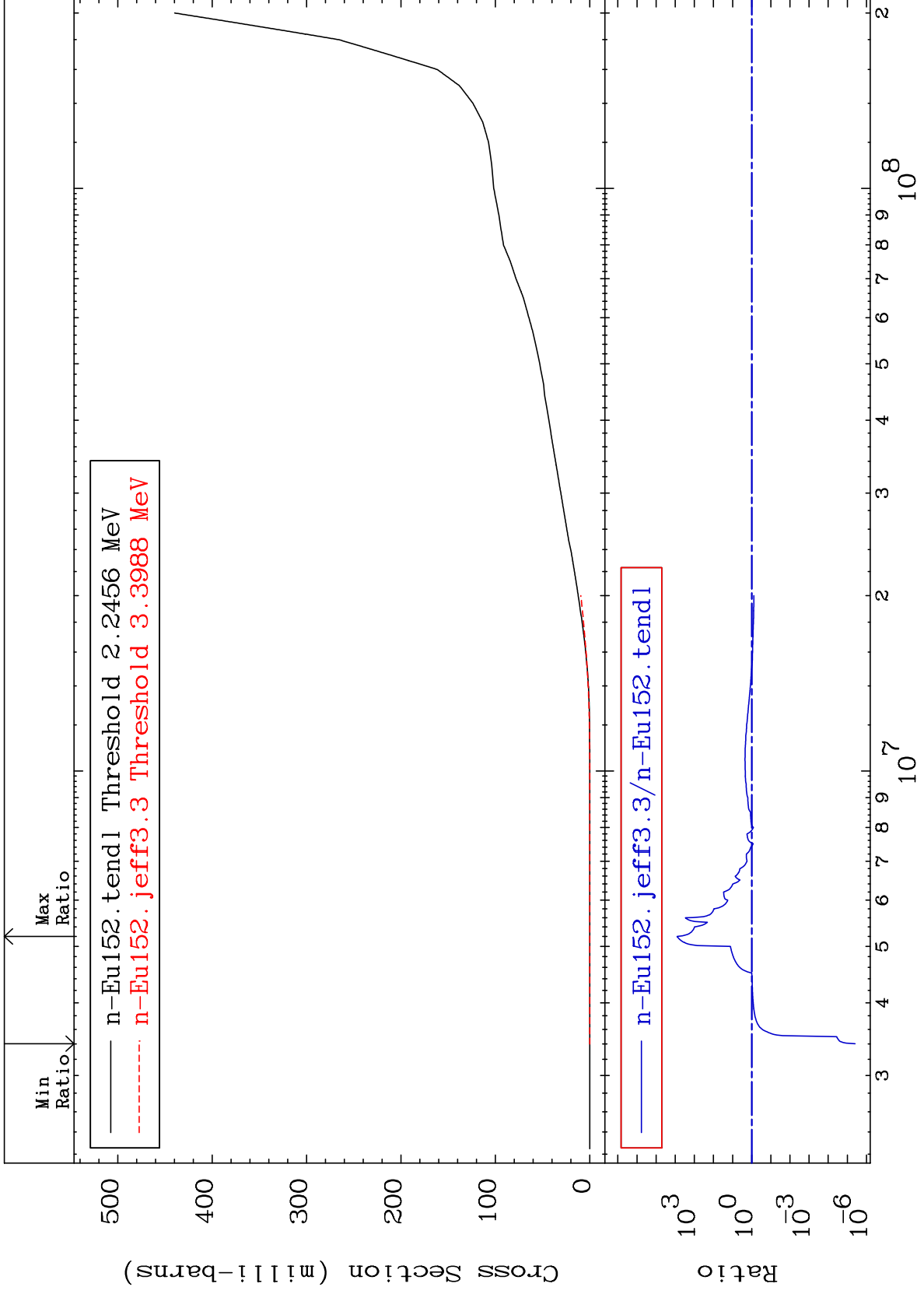
63-Eu-152
-94.31 To 9999. %

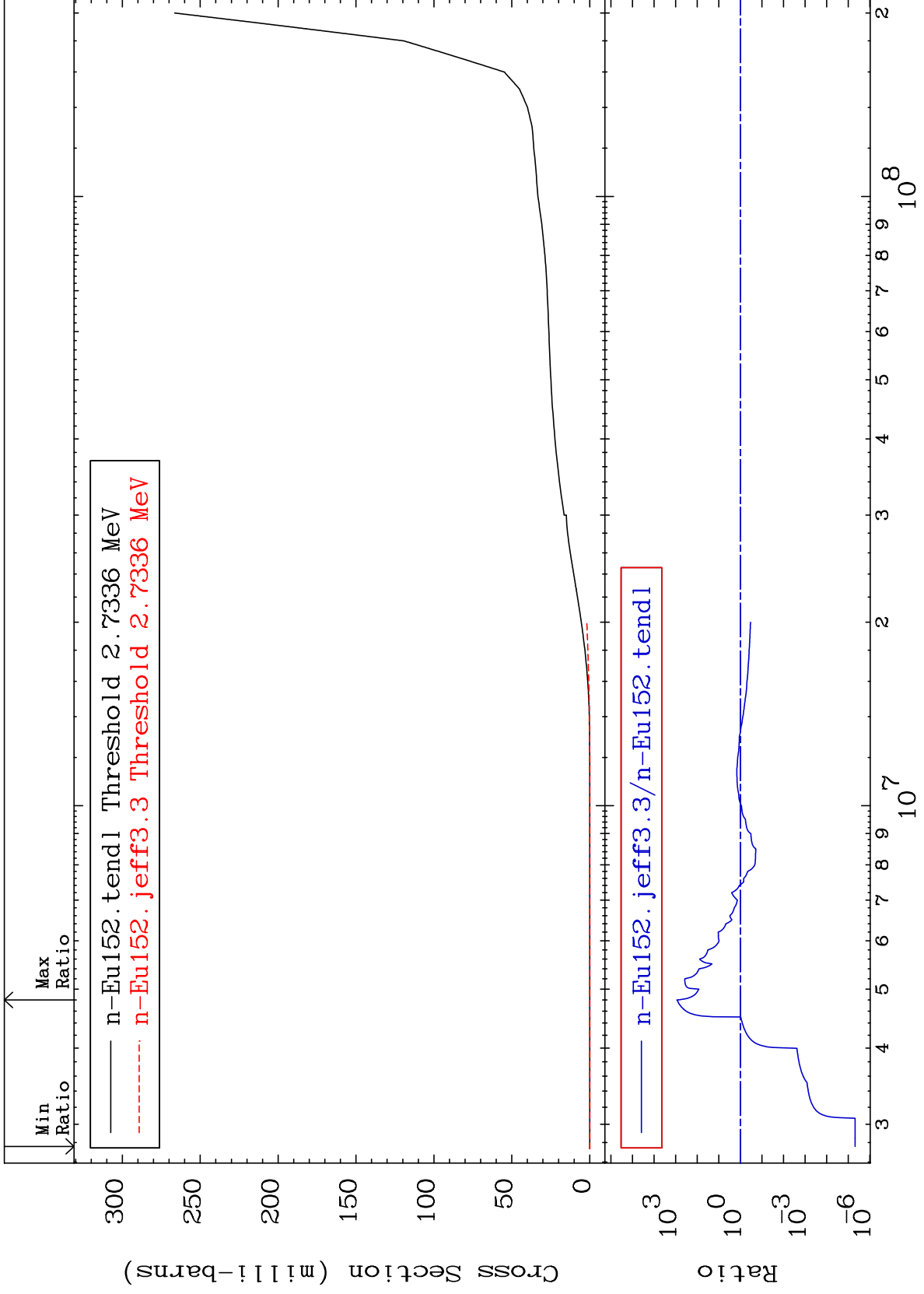


MAT 6328

Deuterium Production
Cross Section

63-Eu-152
-100.0 To 9999. %

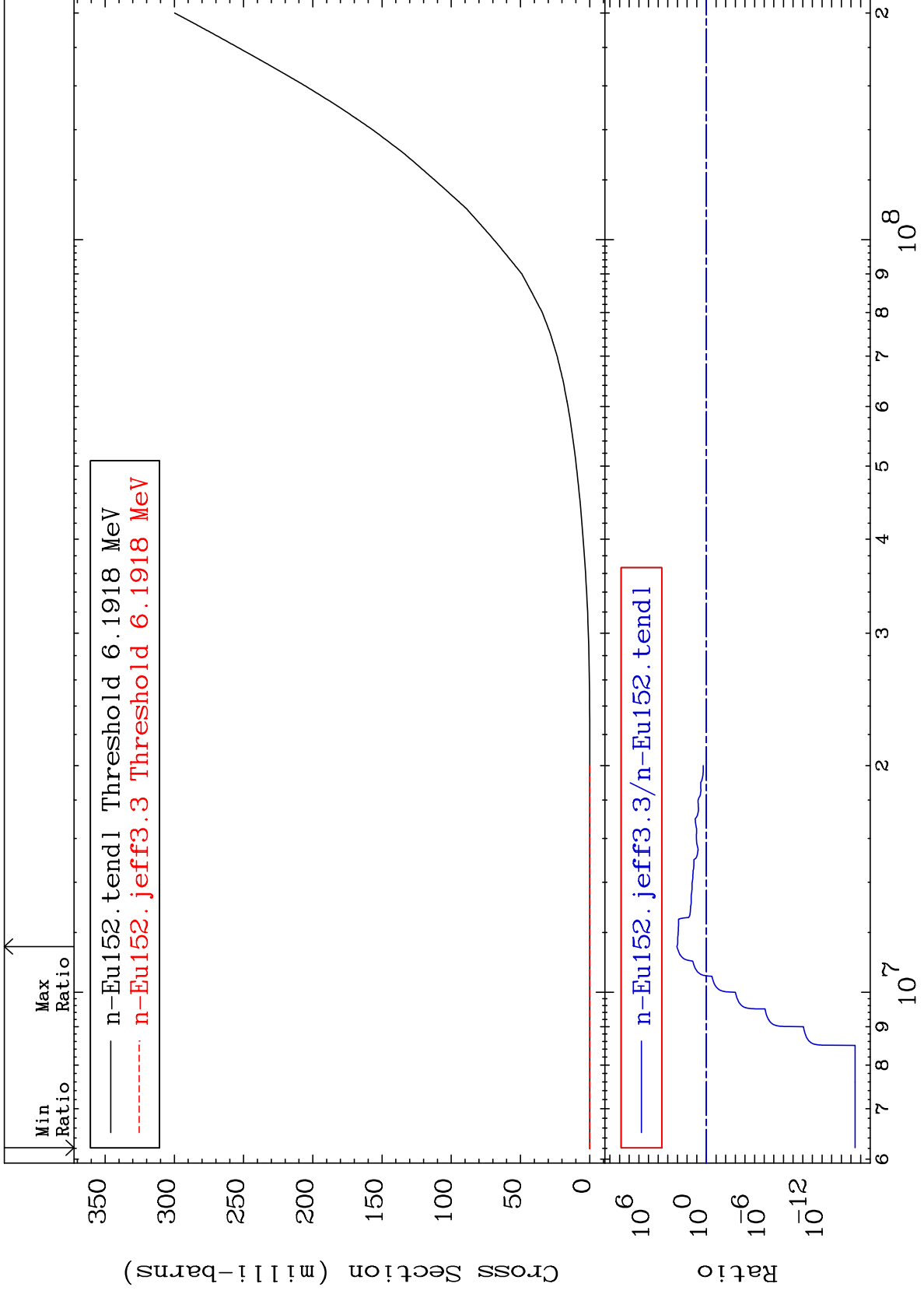




MAT 6328

He-3 Production
Cross Section

63-Eu-152
-100.0 To 9999. %



52

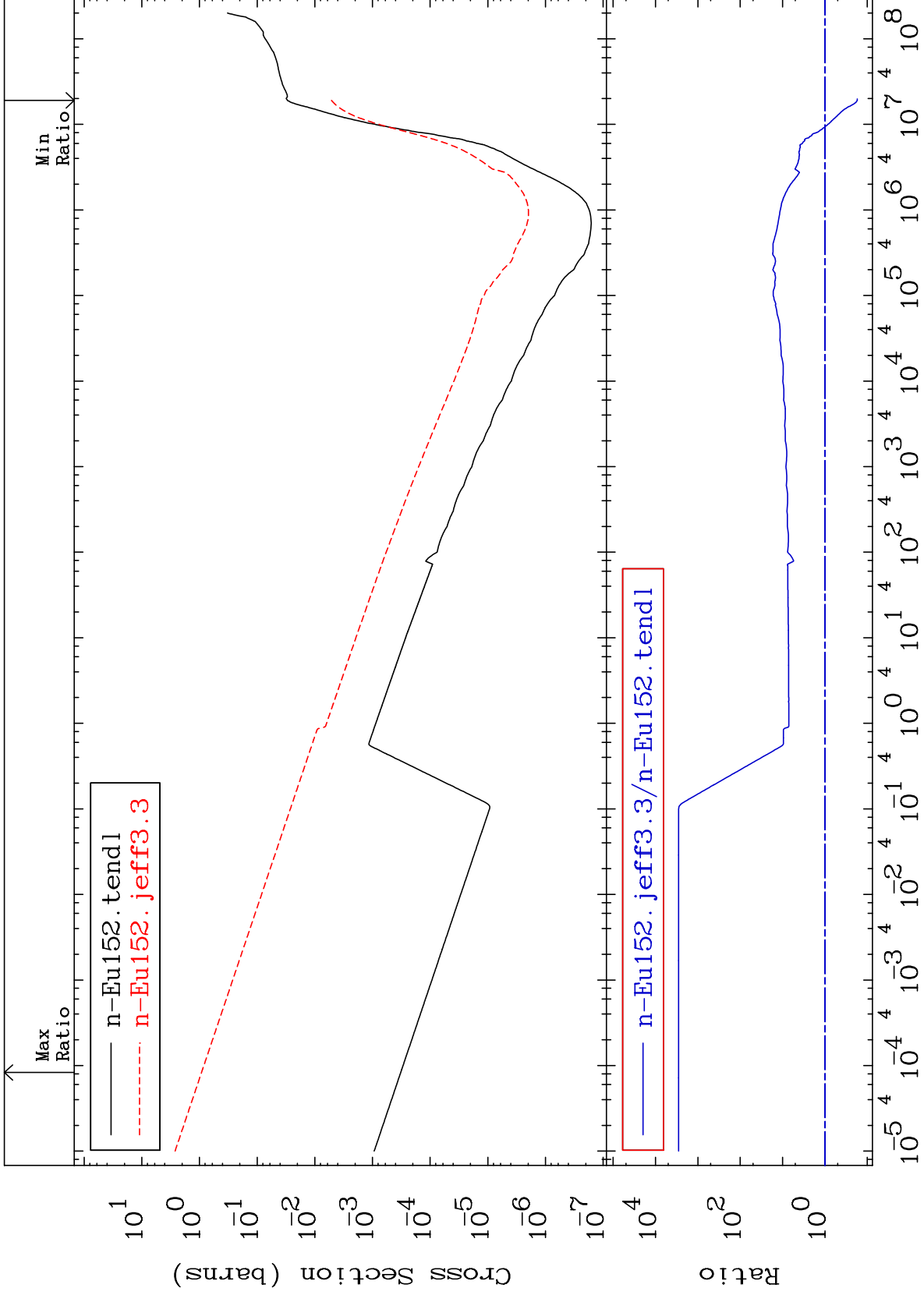
Incident Energy (eV)

63-Eu-152

MAT 6328

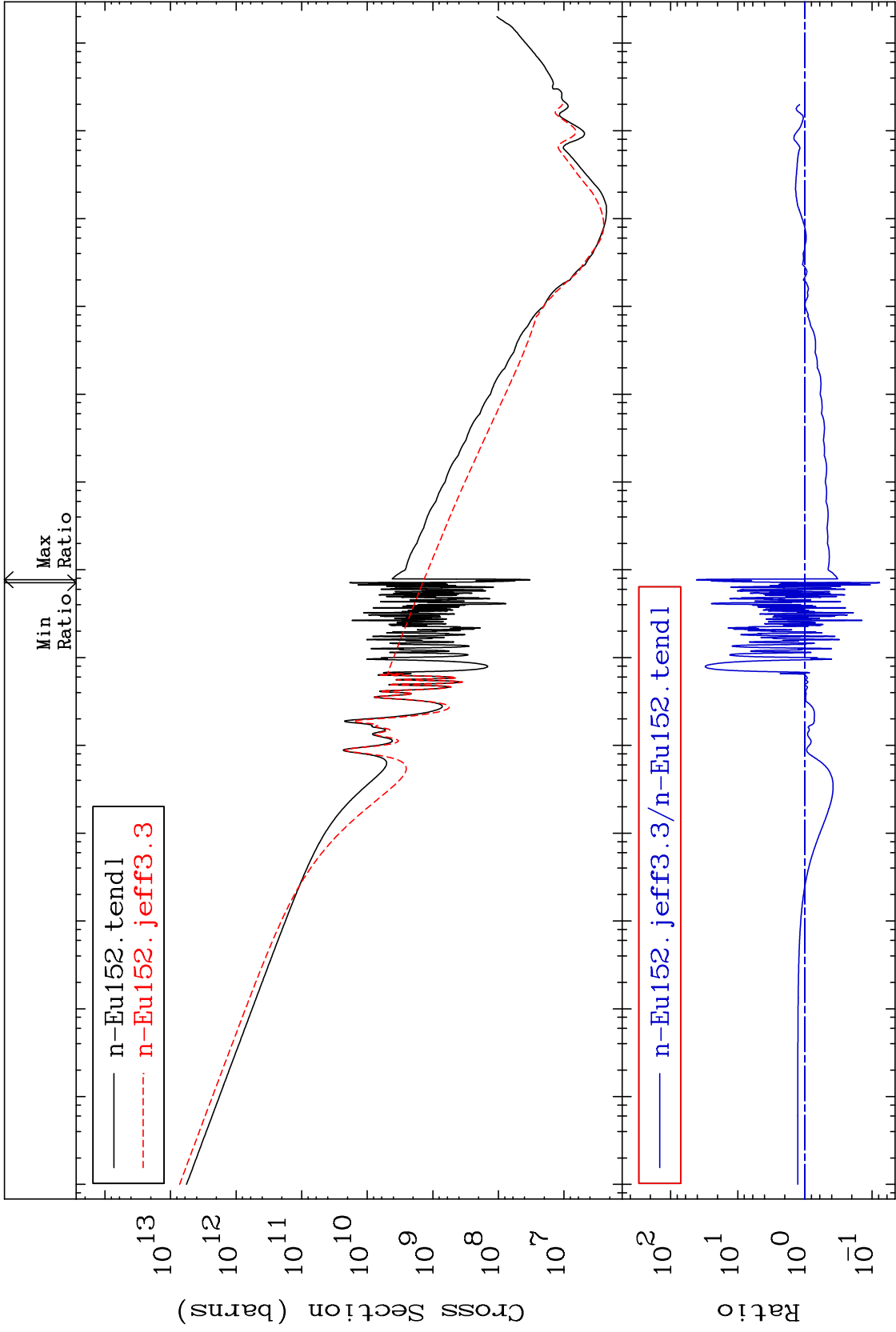
He-4 Production
Cross Section

63-Eu-152
-82.72 To 9999. %



Cross Section

-92.26 To 4053. %

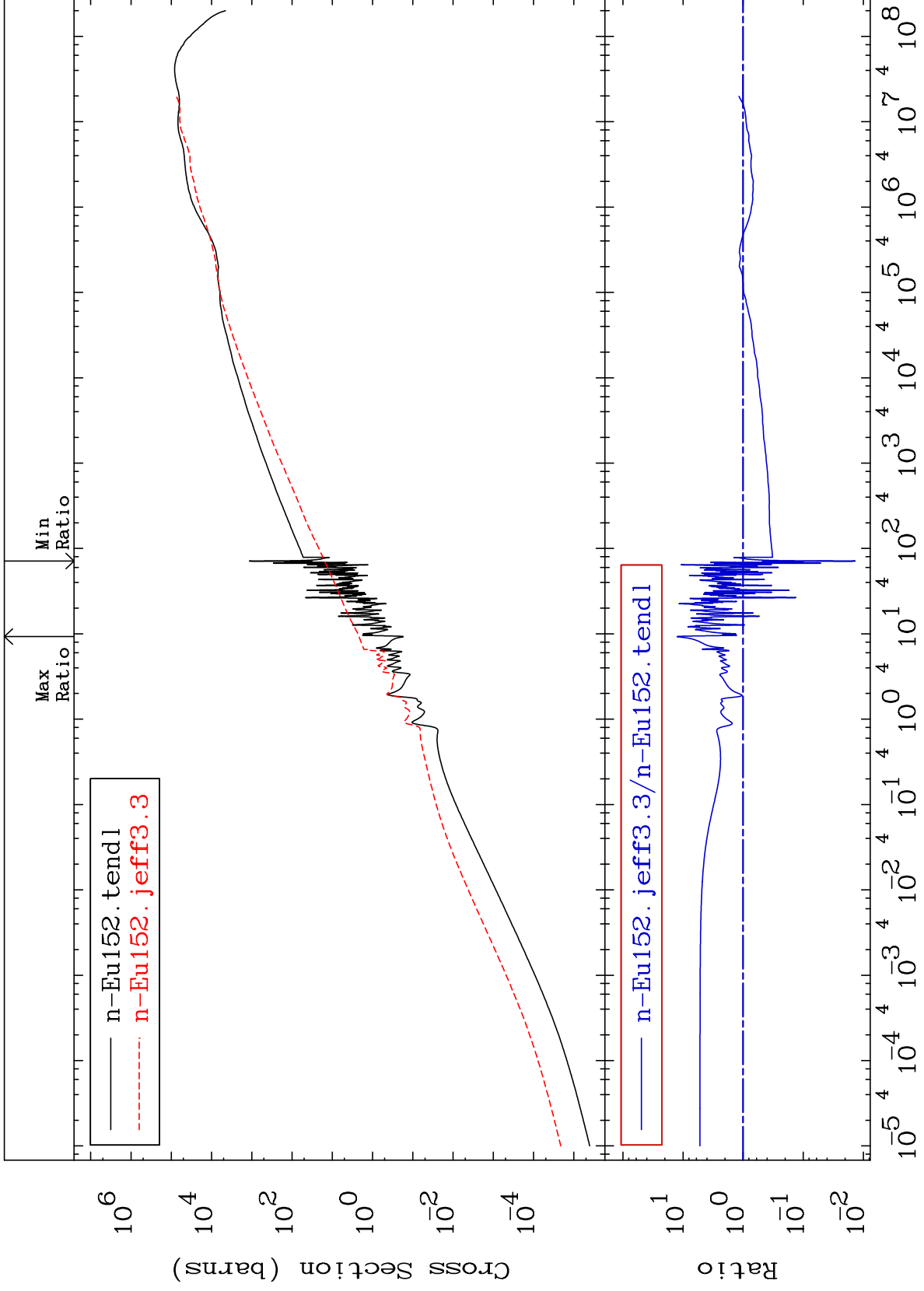


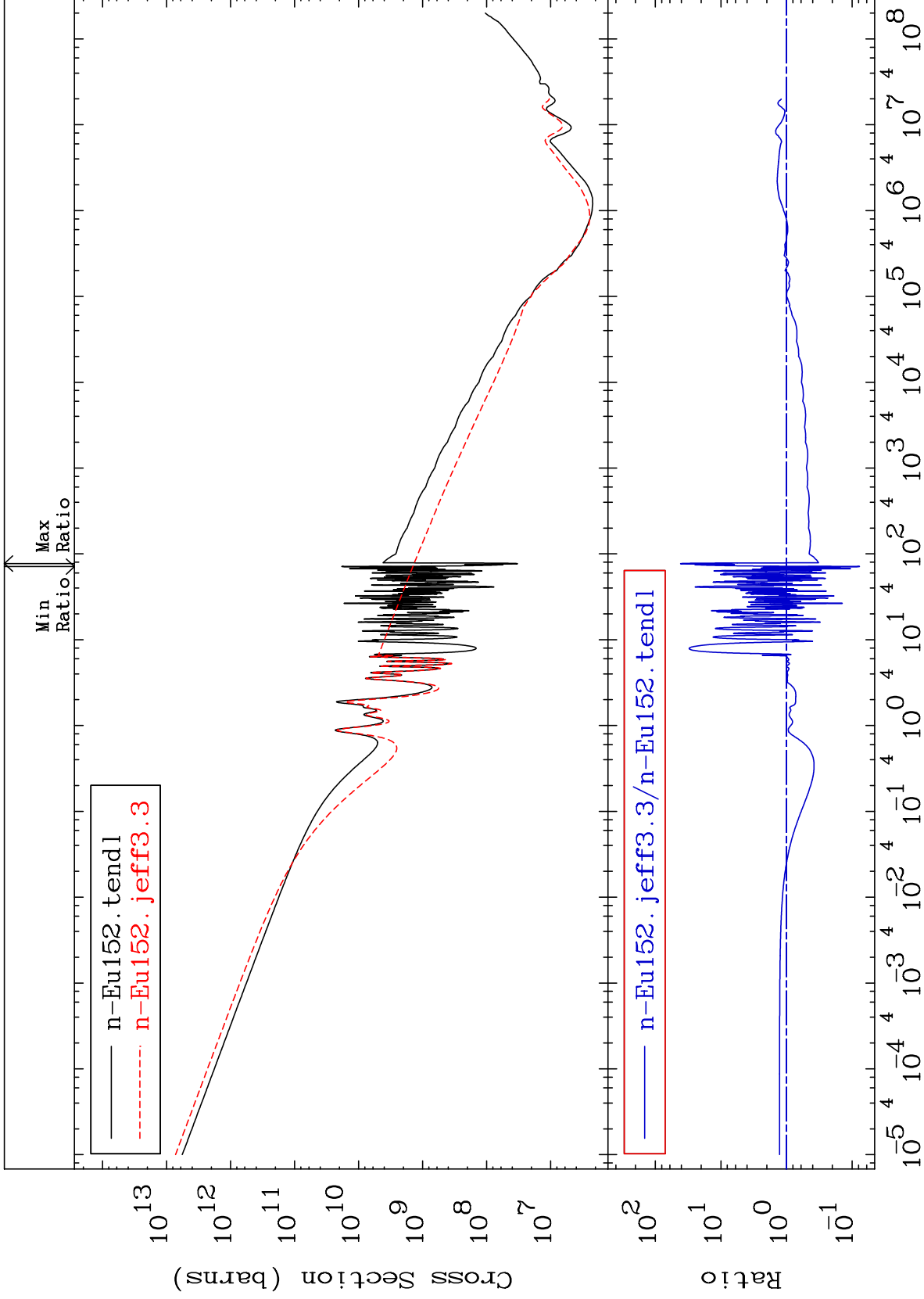
Incident Energy (eV)

MAT 6328

Kerma elastic
Cross Section

63-Eu-152
-98.63 To 1164. %

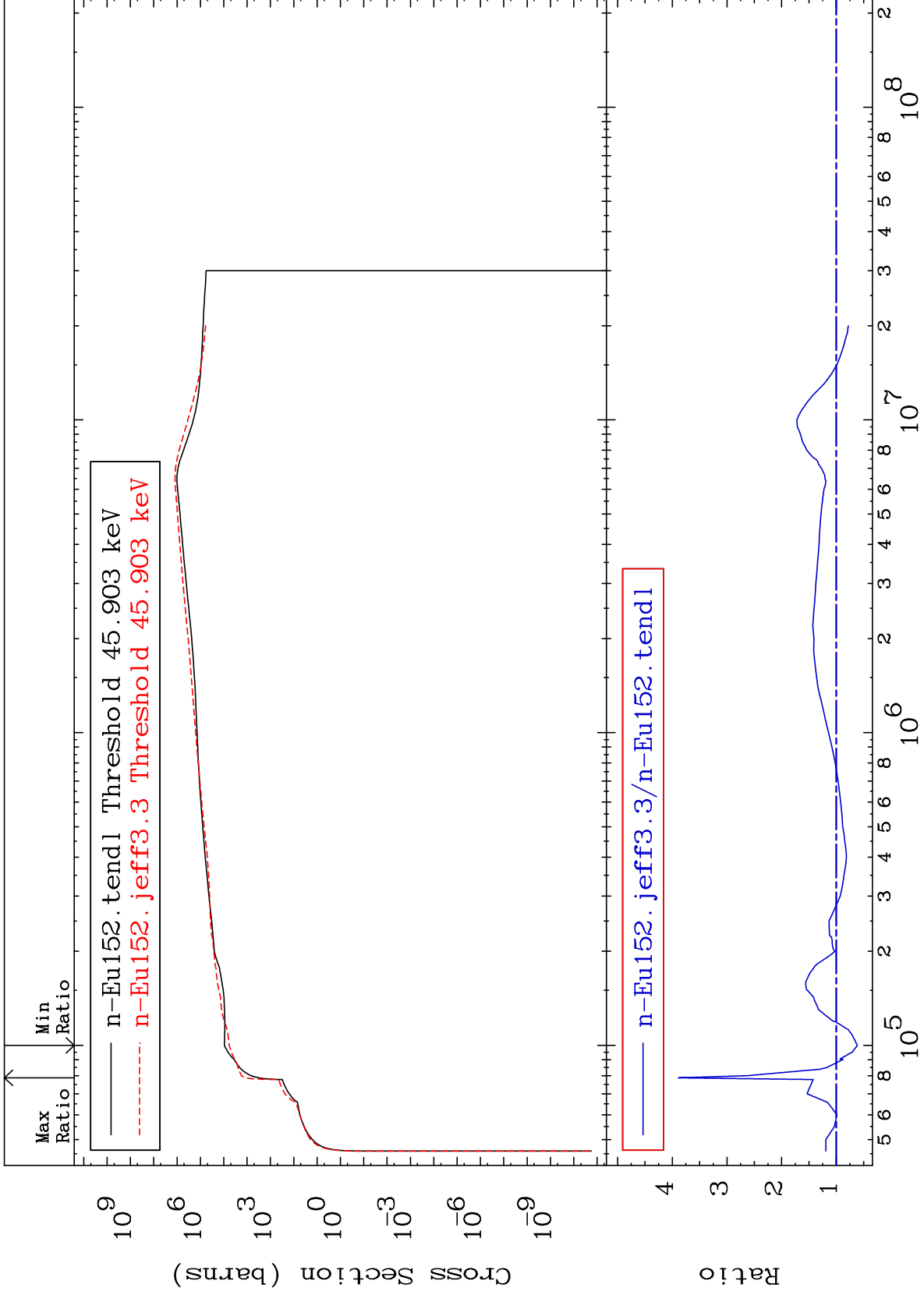




MAT 6328

Kerma inelastic (mt51-91)
Cross Section

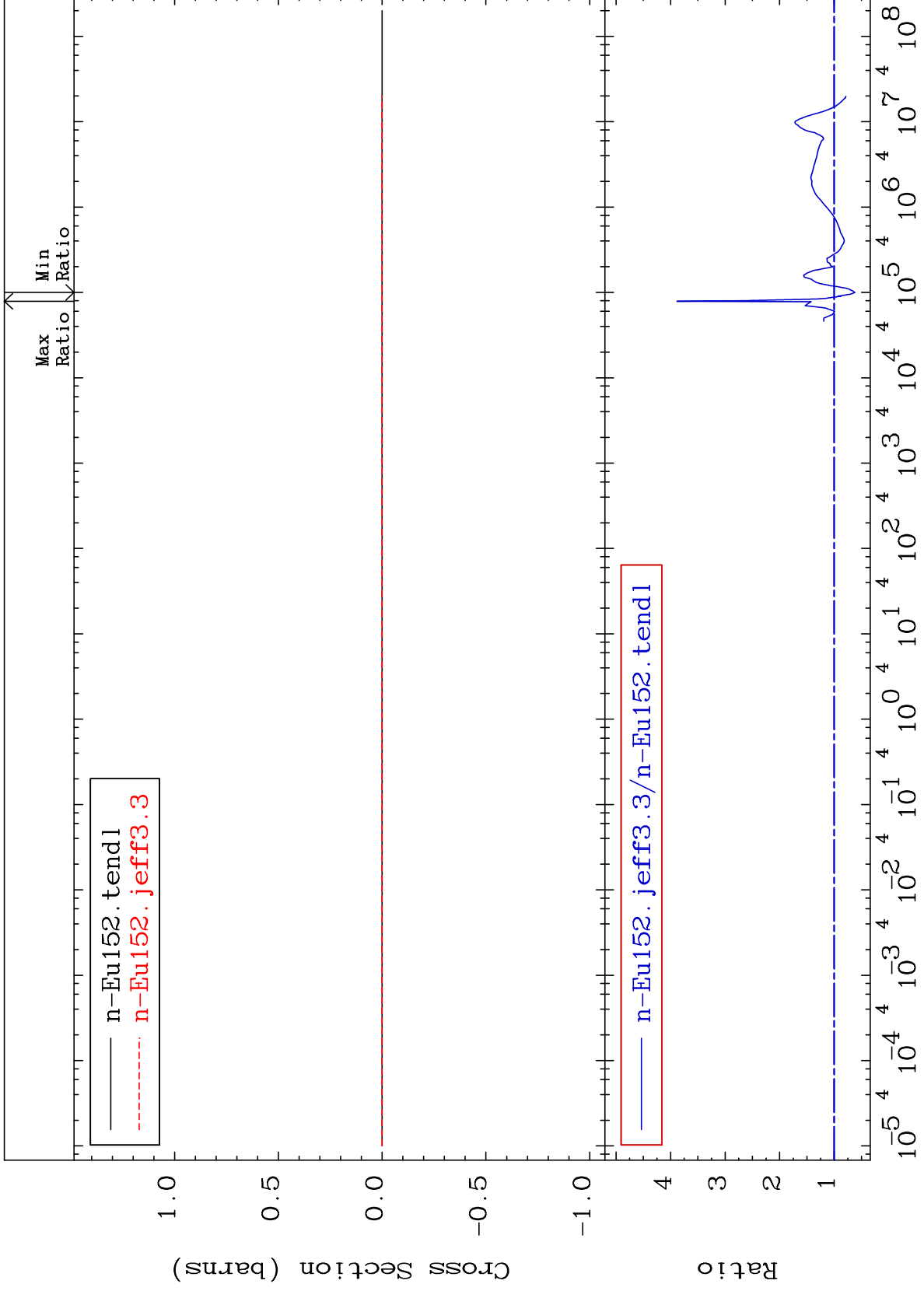
63-Eu-152
-38.28 To 288.4 %



MAT 6328

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

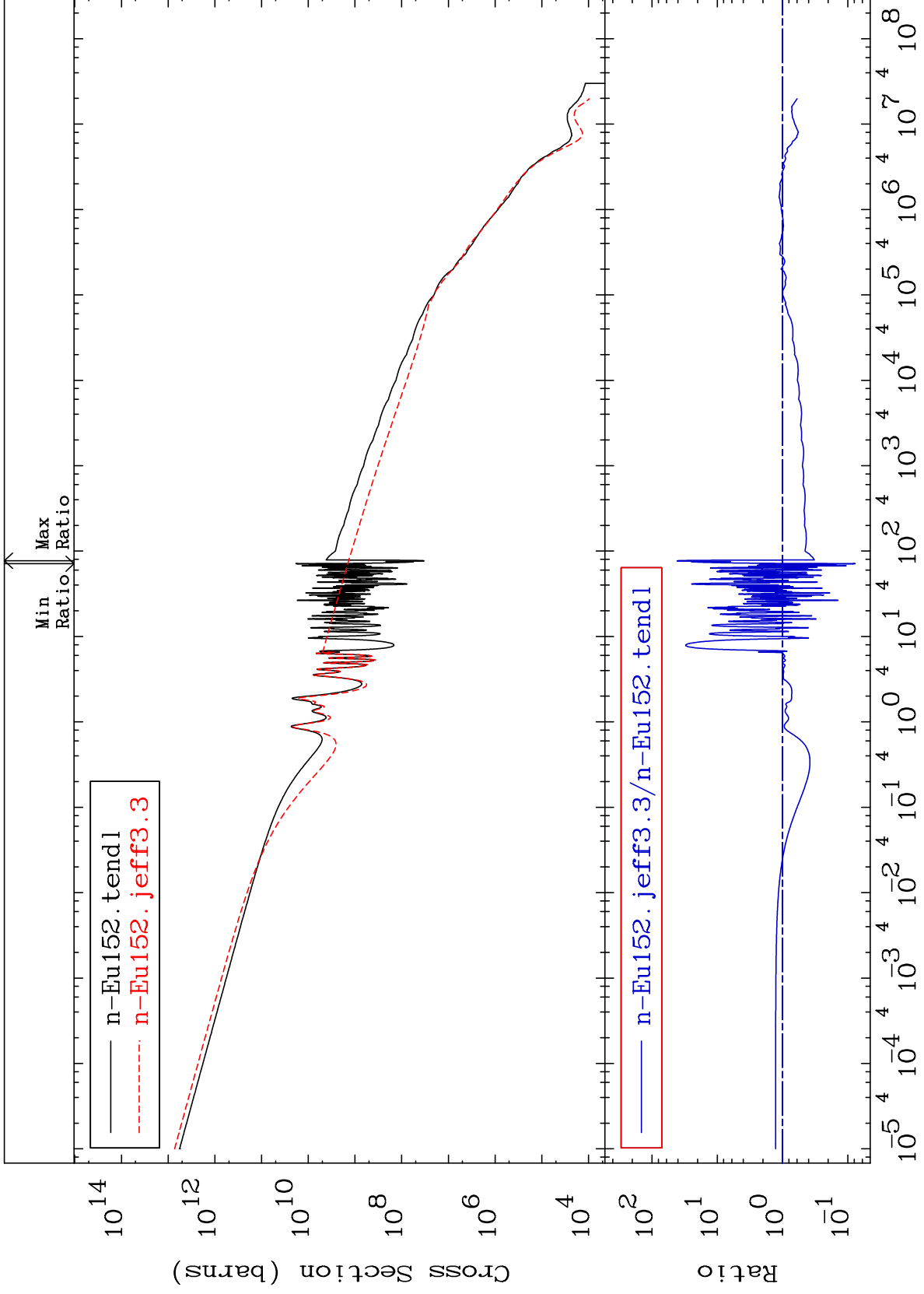
63-Eu-152
-38.28 To 288.4 %



58

Incident Energy (eV)

63-Eu-152



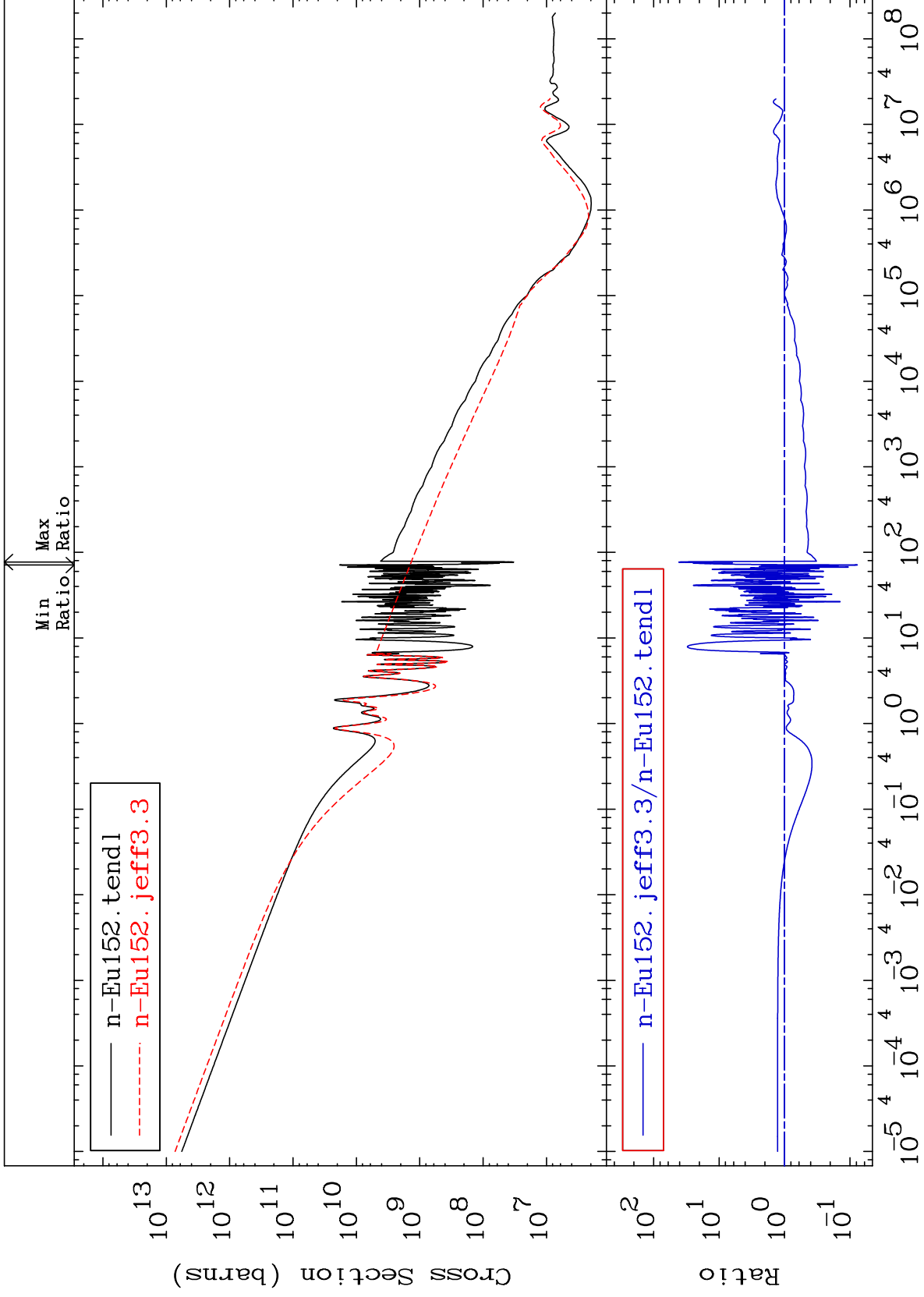
MAT 6328

Total photon (eV-barns)

63-Eu-152

Cross Section

-92.26 To 4053. %



60

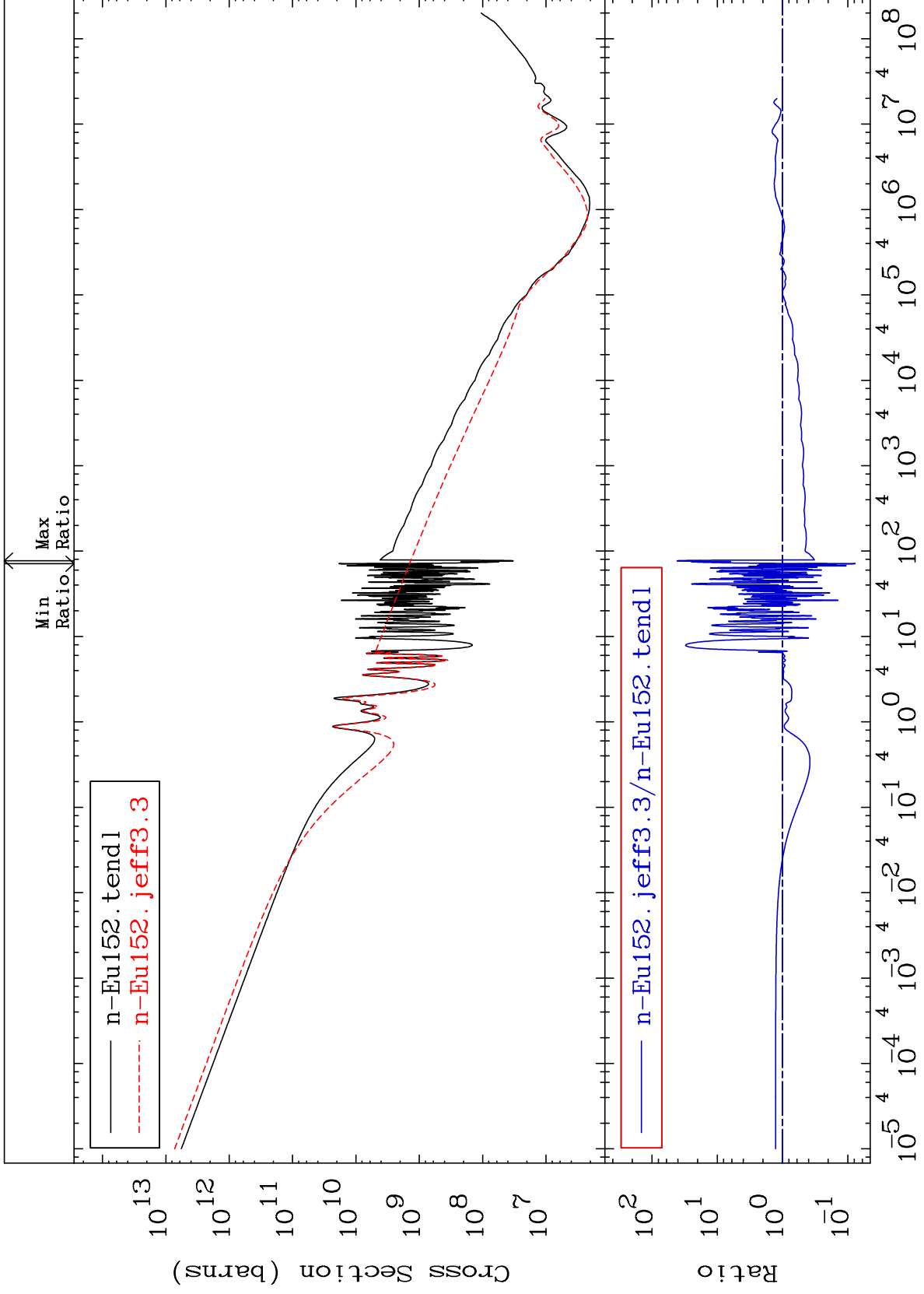
Incident Energy (eV)

63-Eu-152

MAT 6328

Total kinematic kerma (high limit)
Cross Section

63-Eu-152
-92.26 To 4053. %



61

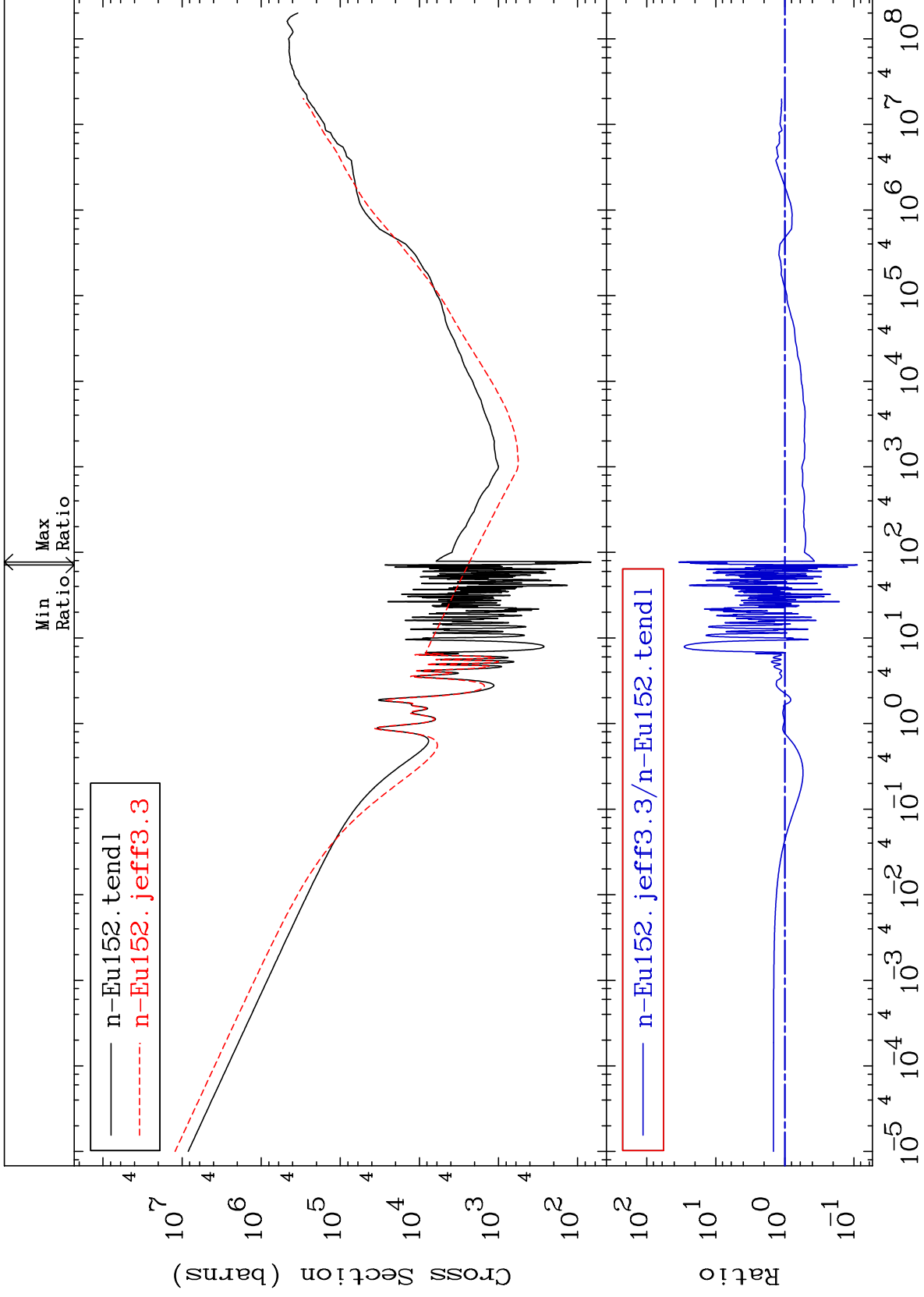
Incident Energy (eV)

63-Eu-152

MAT 6328

Dpa total (eV-barns)
Cross Section

63-Eu-152
-91.04 To 3362. %



62

Incident Energy (eV)

63-Eu-152

MAT 6328

Dpa elastic (mt2)
Cross Section

63-Eu-152
-60.00 To 17.49 %

