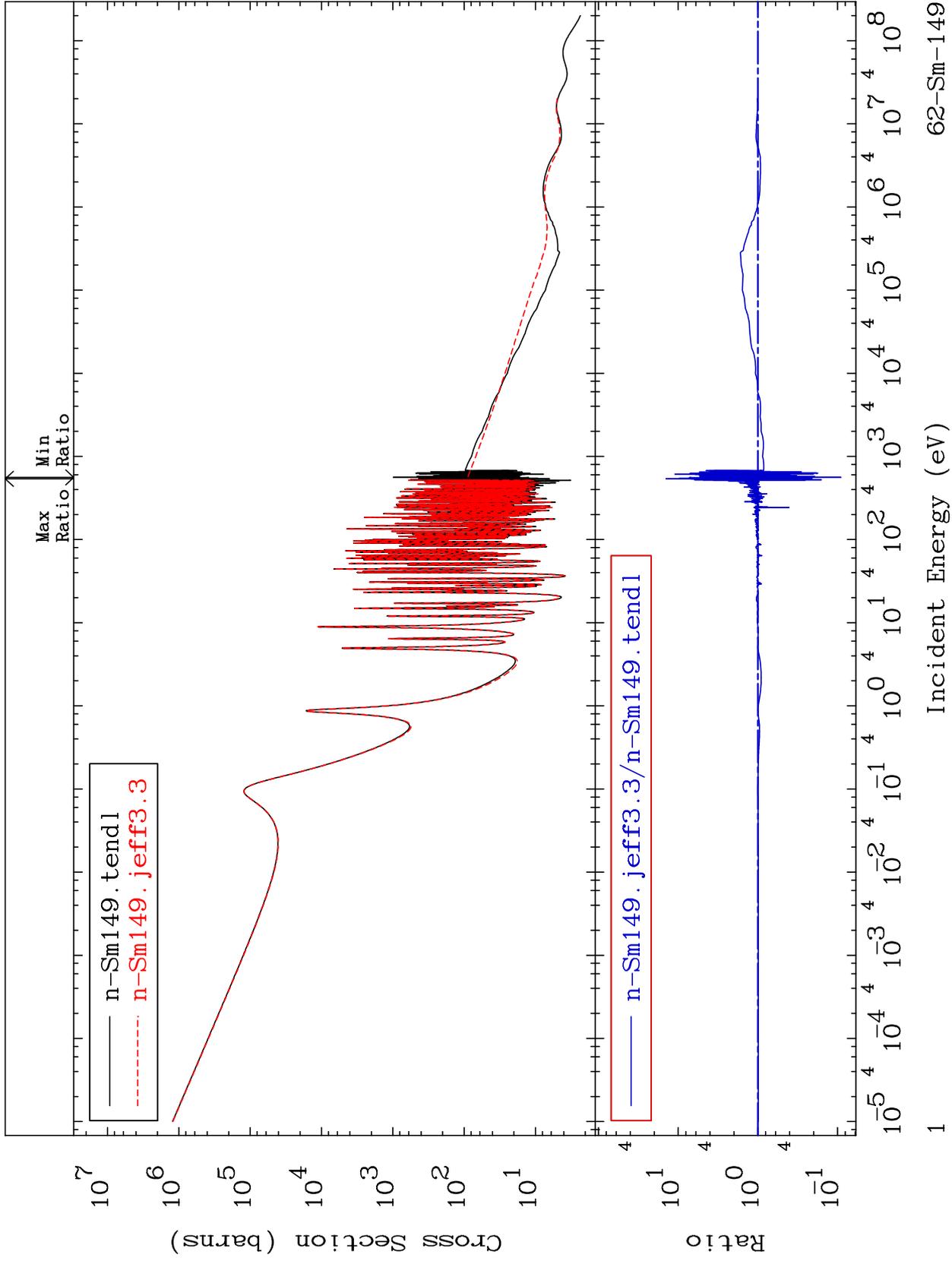


MAT 6240

Total Cross Section
62-Sm-149
-90.94 To 1325. %



62-Sm-149

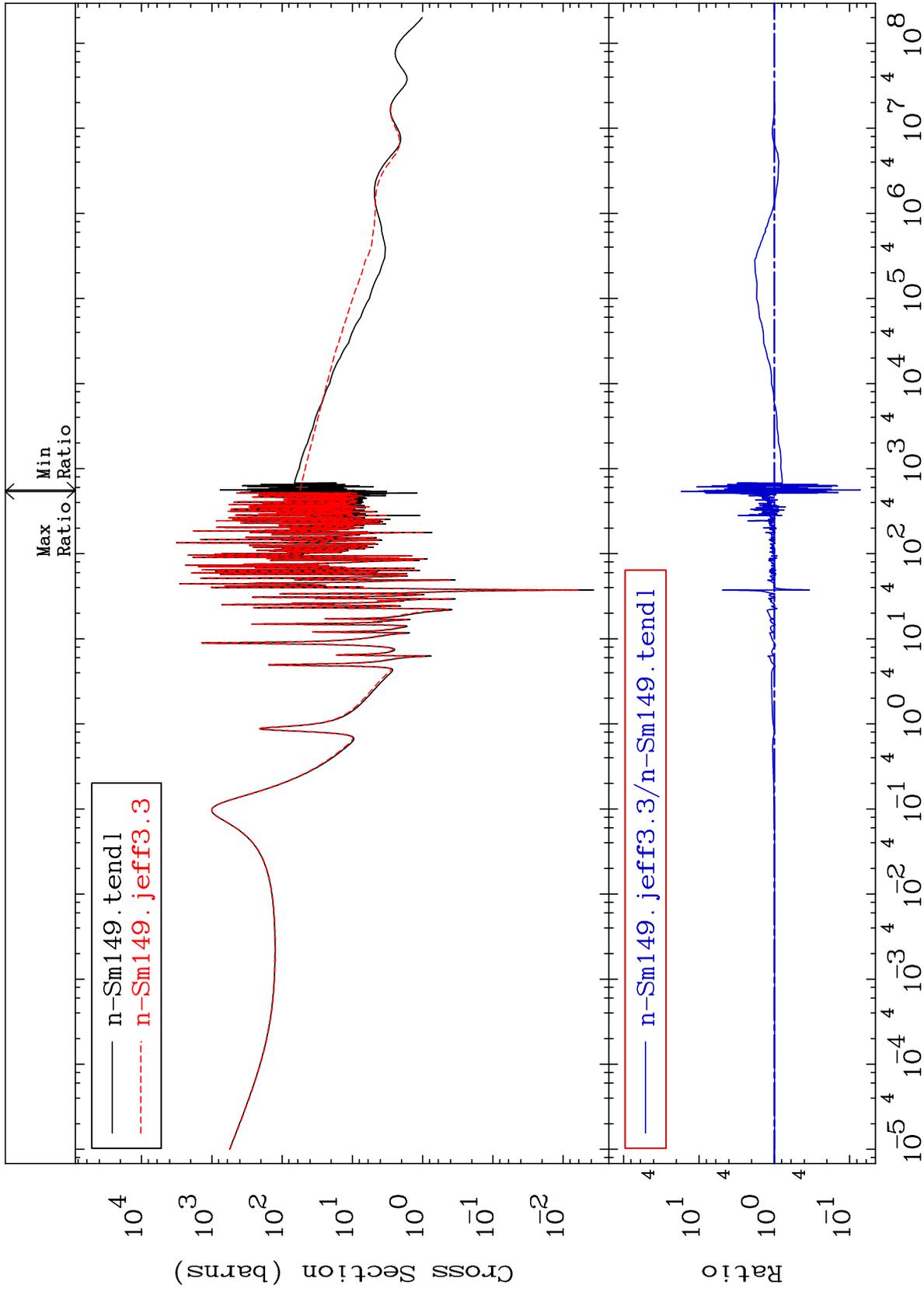
MAT 6240

Elastic

62-Sm-149

Cross Section

-92.77 To 1625. %



2

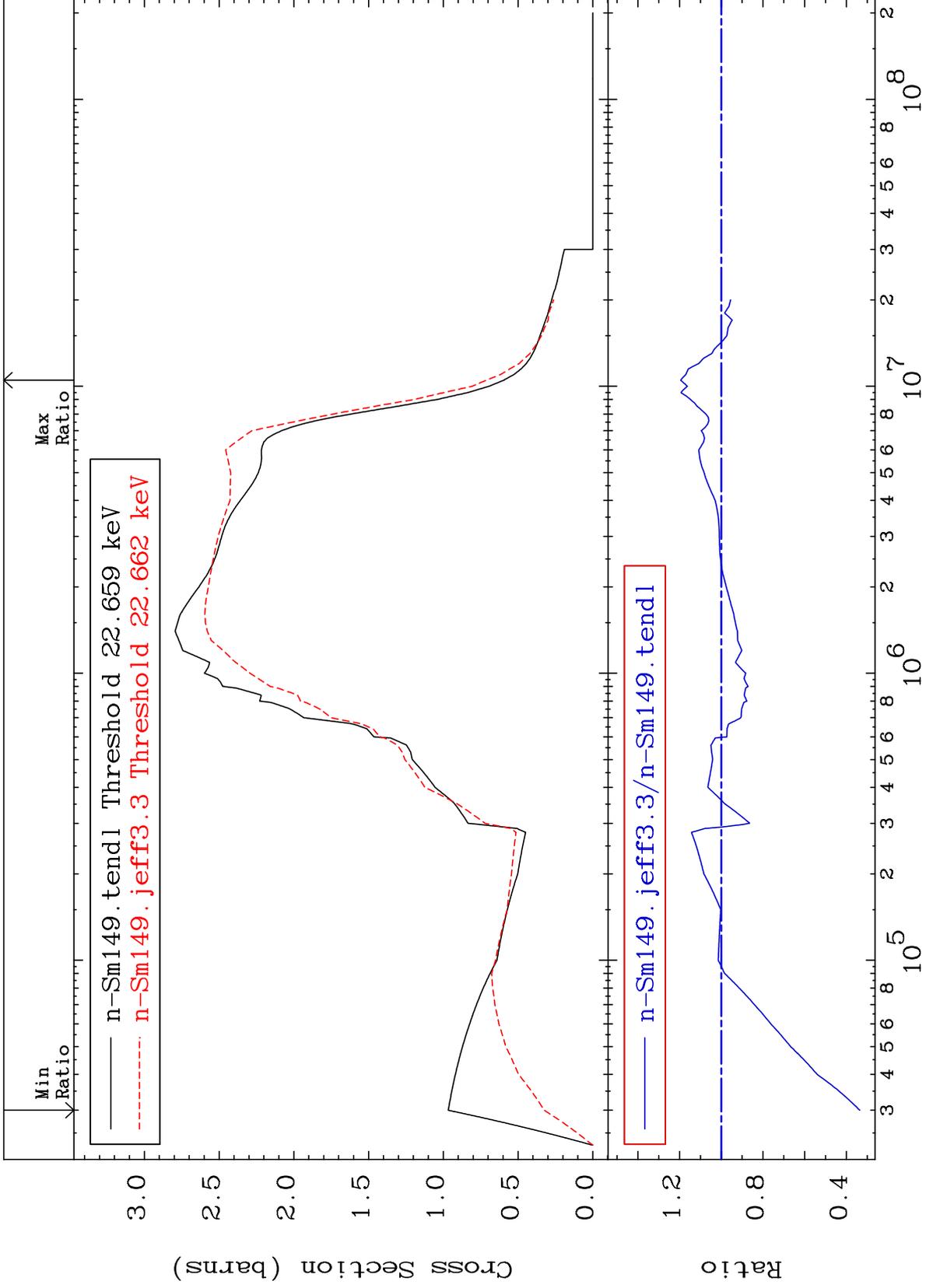
Incident Energy (eV)

62-Sm-149

MAT 6240

Inelastic
Cross Section

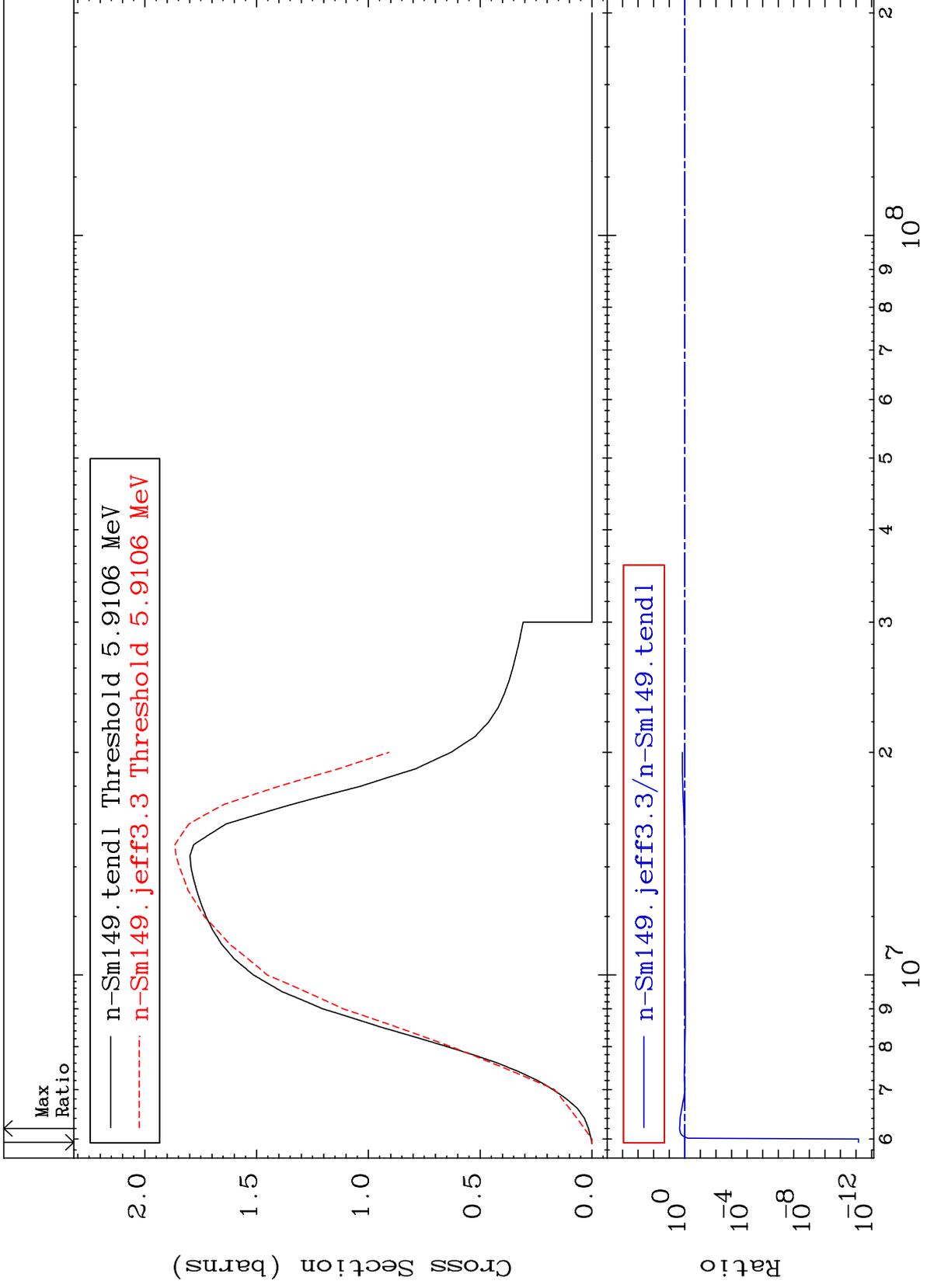
62-Sm-149
-66.38 To 19.54 %



MAT 6240

(n,2n)
Cross Section

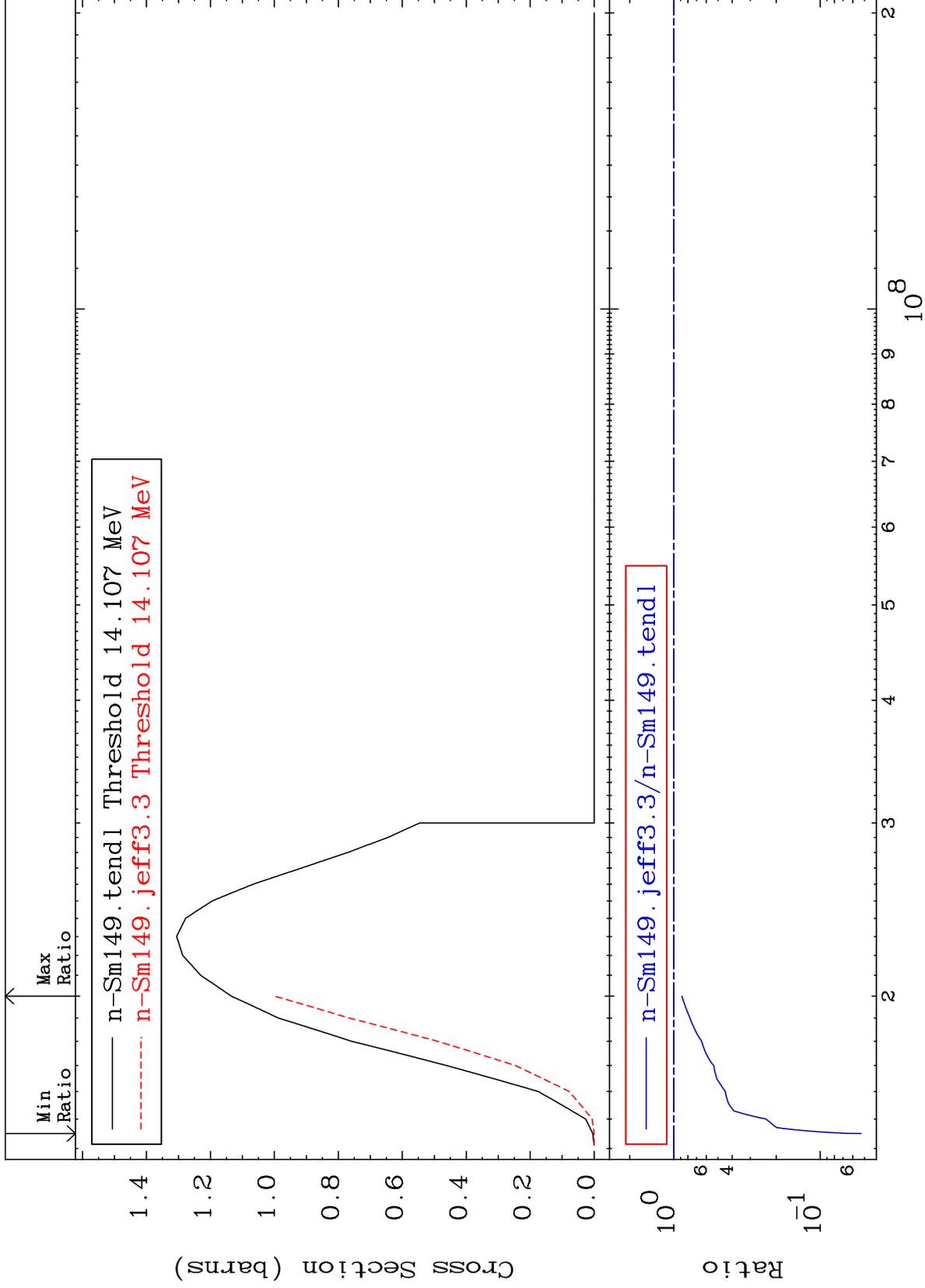
62-Sm-149
-100.0 To 117.9 %



MAT 6240

(n,3n)
Cross Section

62-Sm-149
-94.74 To -11.95%



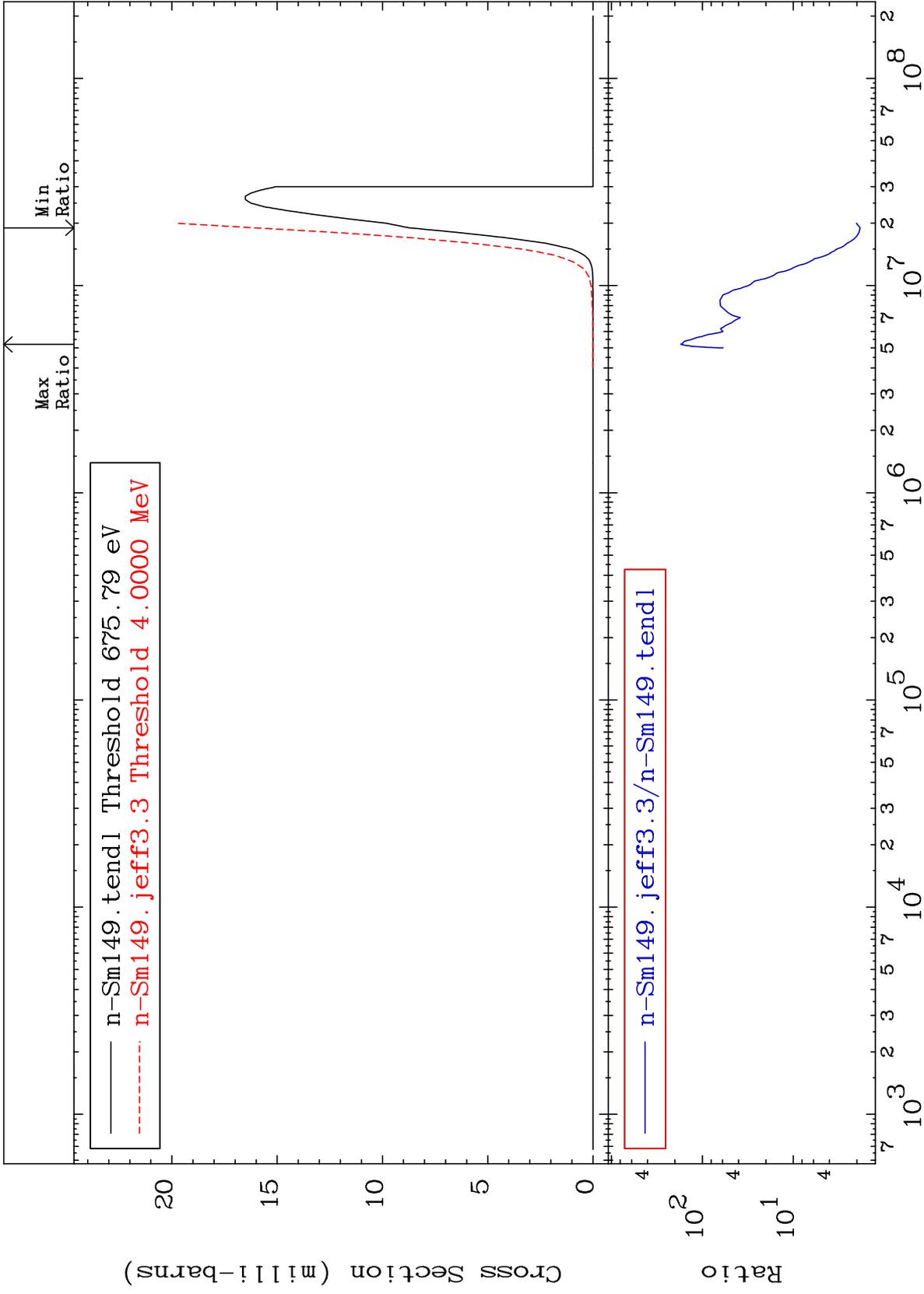
MAT 6240

(n, n') α

62-Sm-149

Cross Section

84.26 To 9999. %

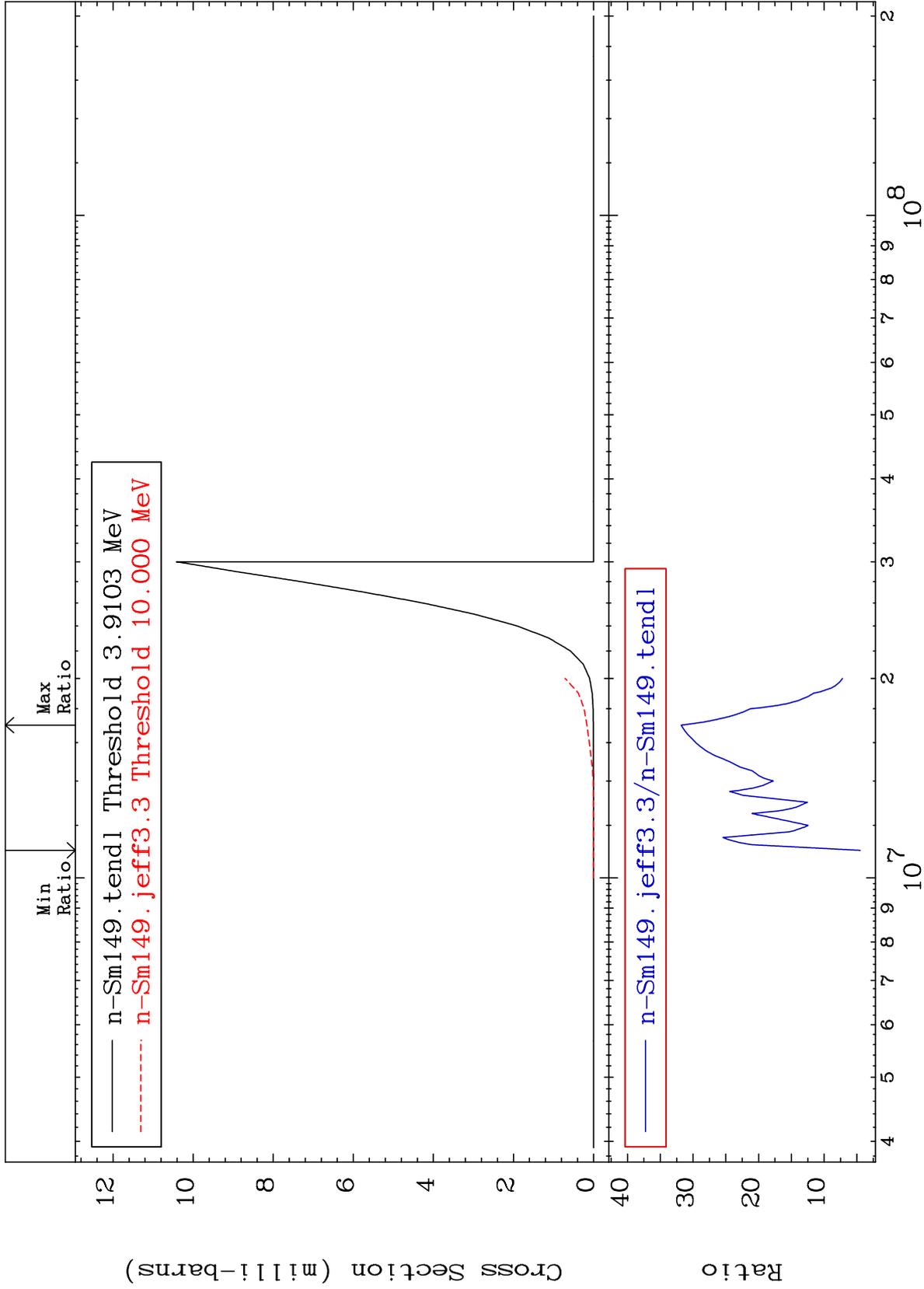


MAT 6240

62-Sm-149

(n,2n) α
Cross Section

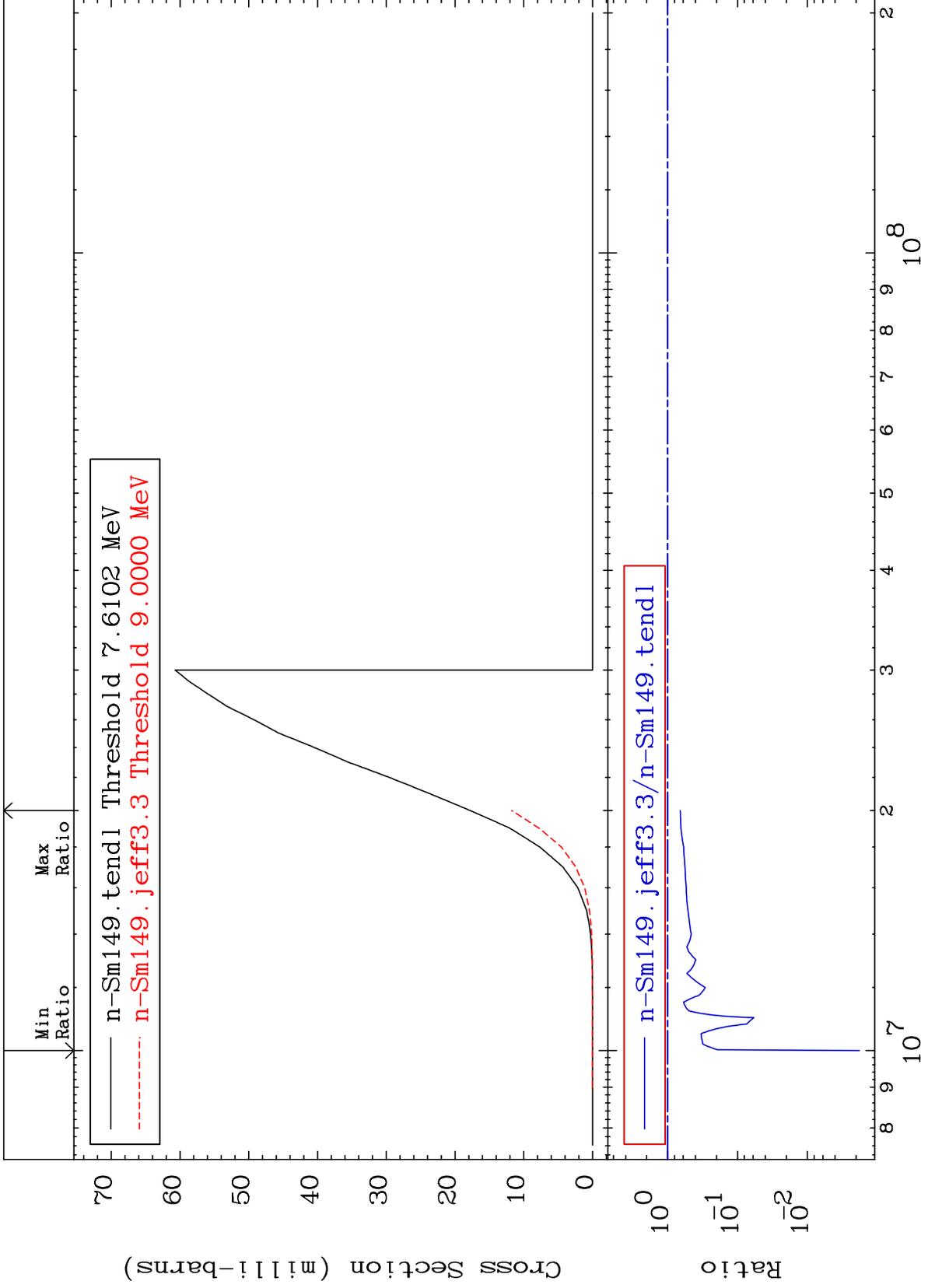
350.1 To 3081. %



MAT 6240

(n,n') p
Cross Section

62-Sm-149
-99.82 To -33.87%



8

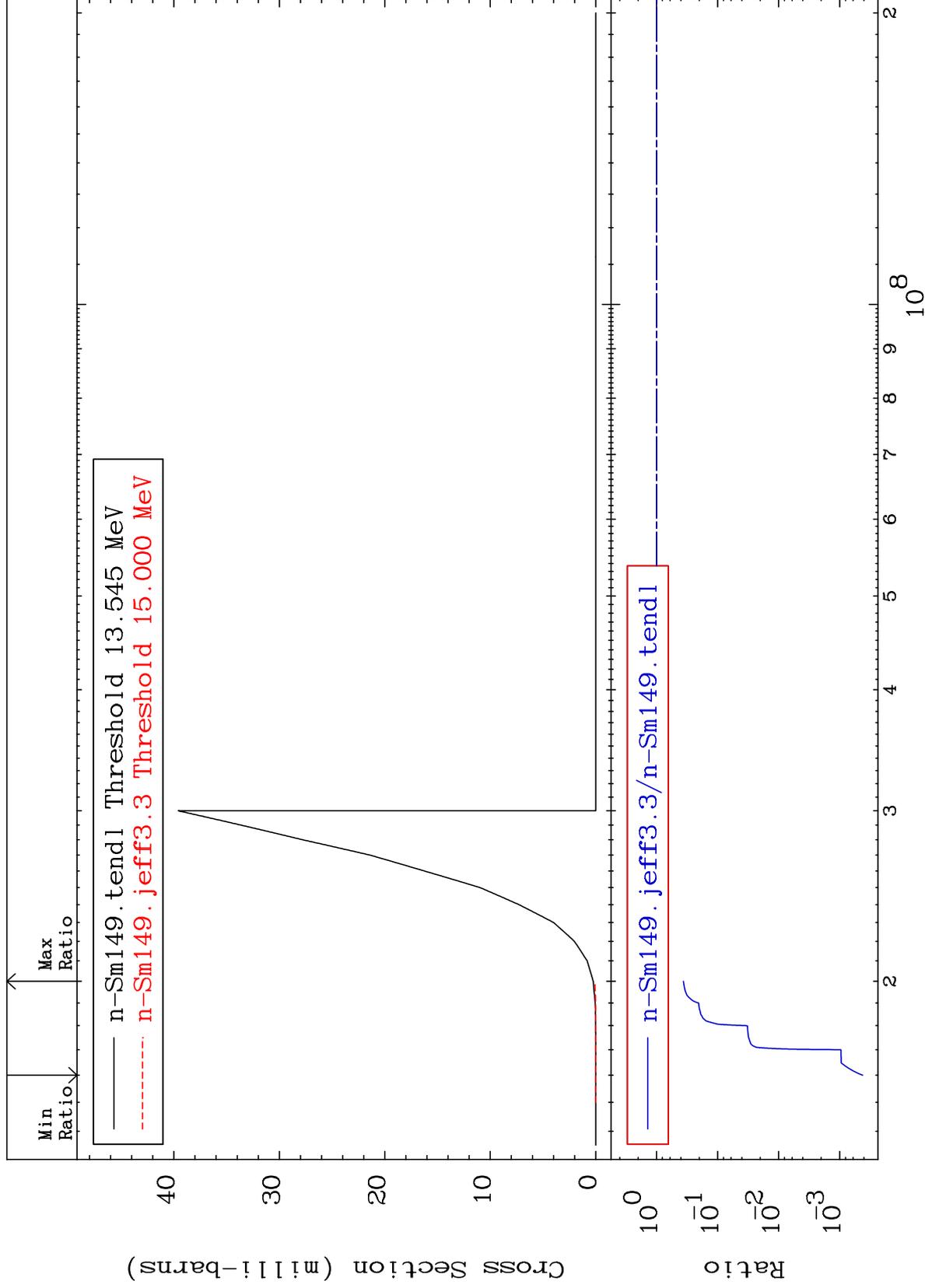
Incident Energy (eV)

62-Sm-149

MAT 6240

(n,2n) p
Cross Section

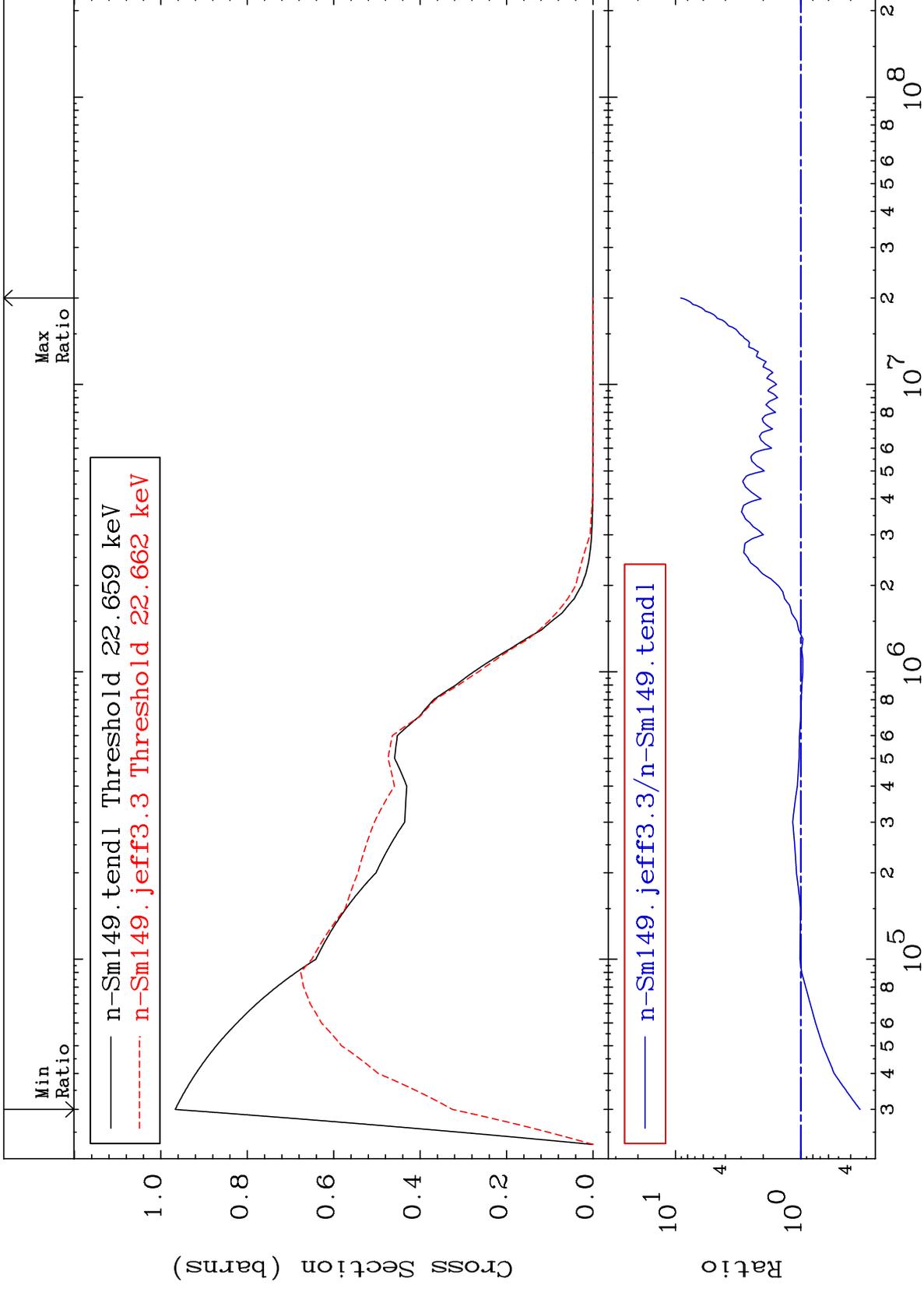
62-Sm-149
-99.96 To -63.80%



MAT 6240

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

62-Sm-149
-66.38 To 808.6 %



10

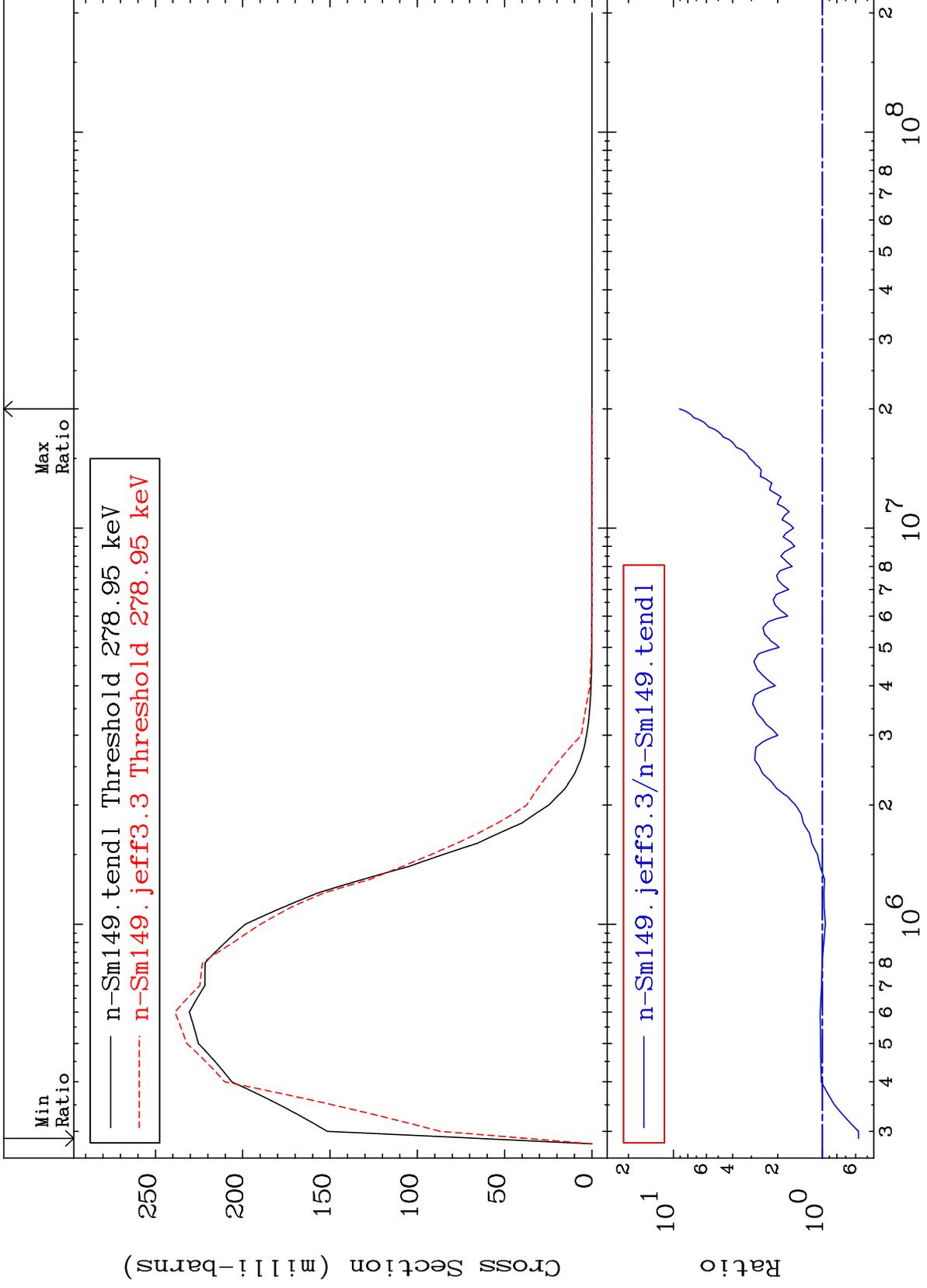
Incident Energy (eV)

62-Sm-149

MAT 6240

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

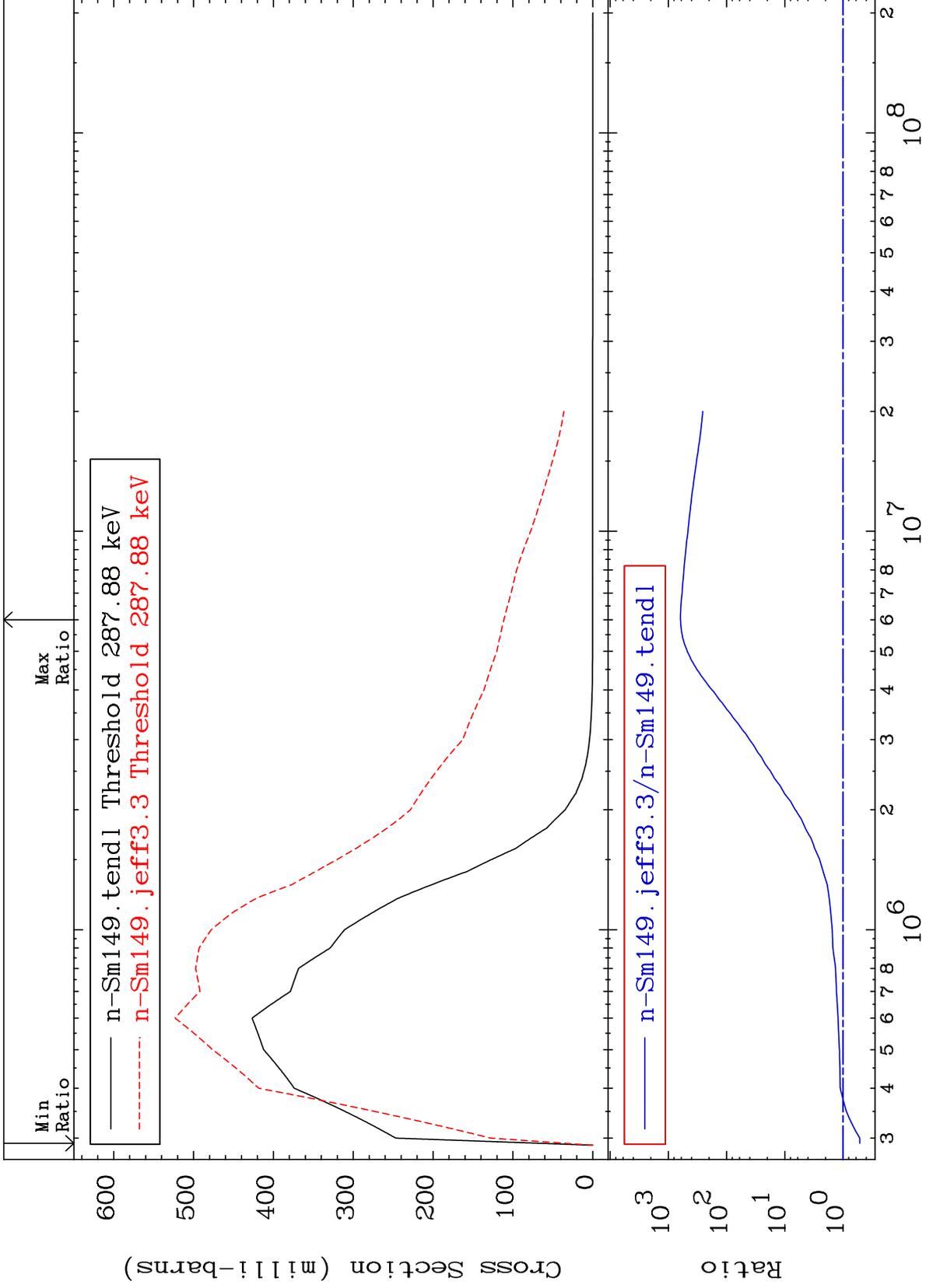
62-Sm-149
-42.72 To 809.1 %



MAT 6240

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

62-Sm-149
-48.23 To 9999. %



12

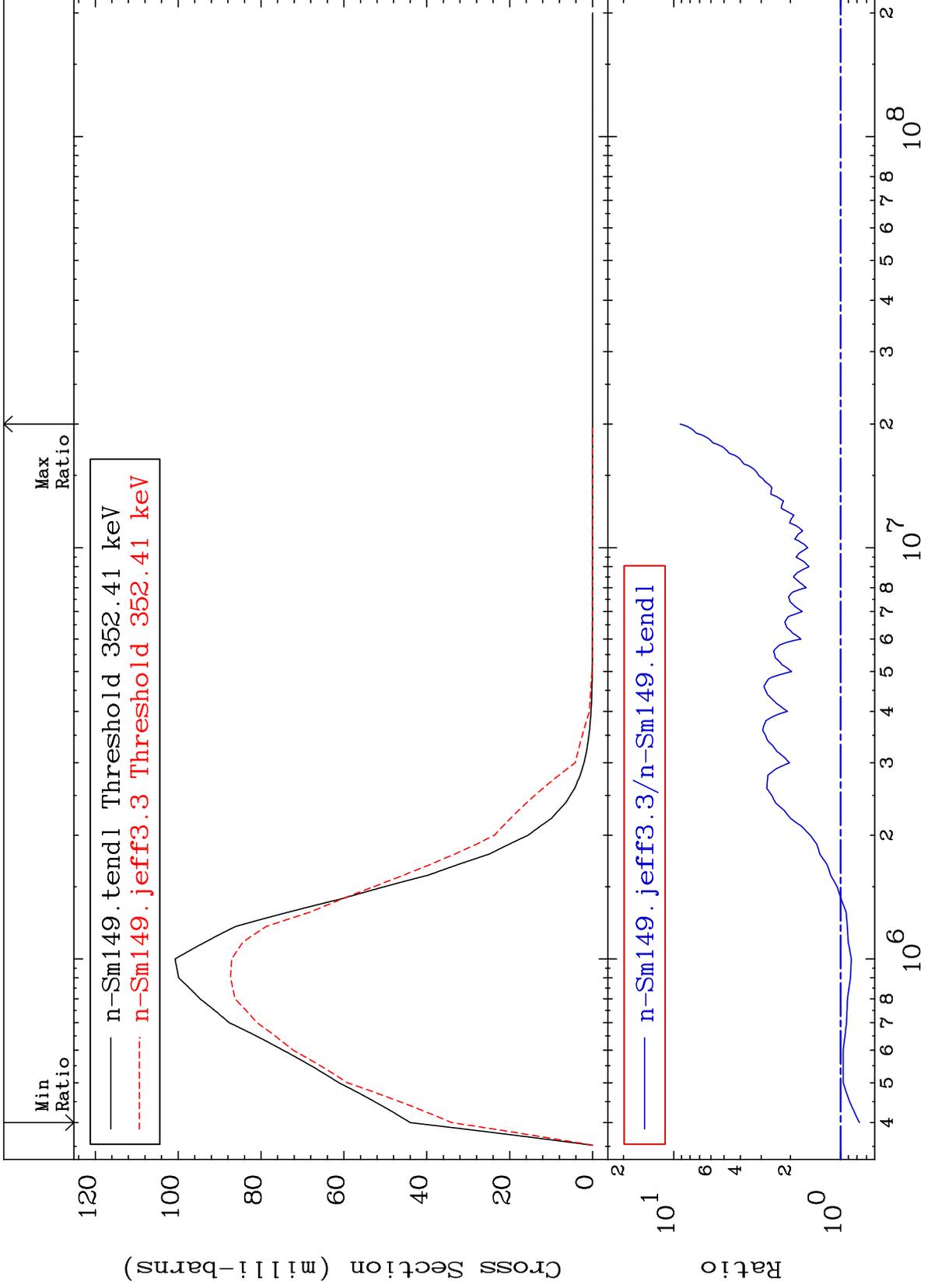
Incident Energy (eV)

62-Sm-149

MAT 6240

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

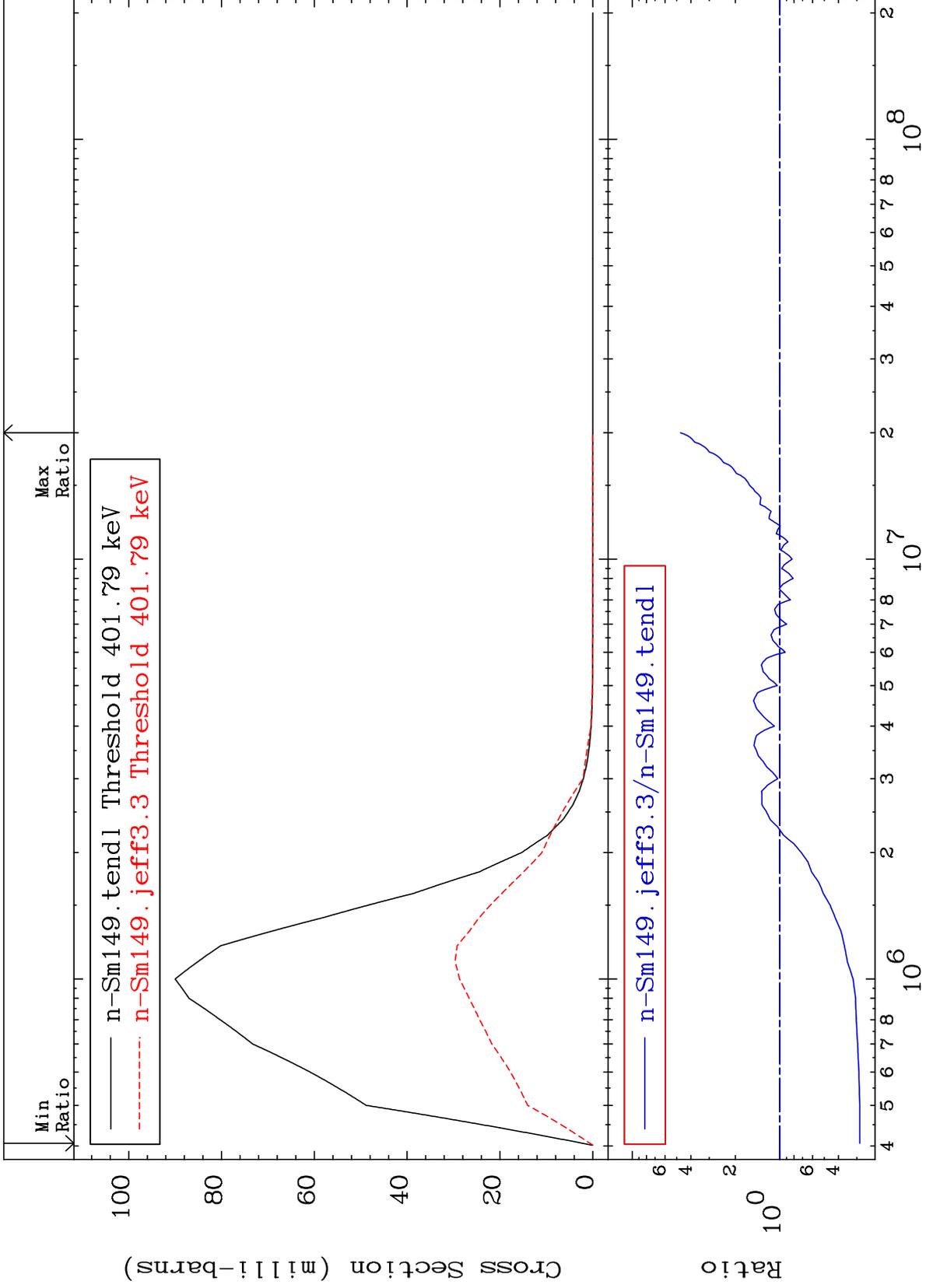
62-Sm-149
-22.73 To 814.3 %



MAT 6240

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

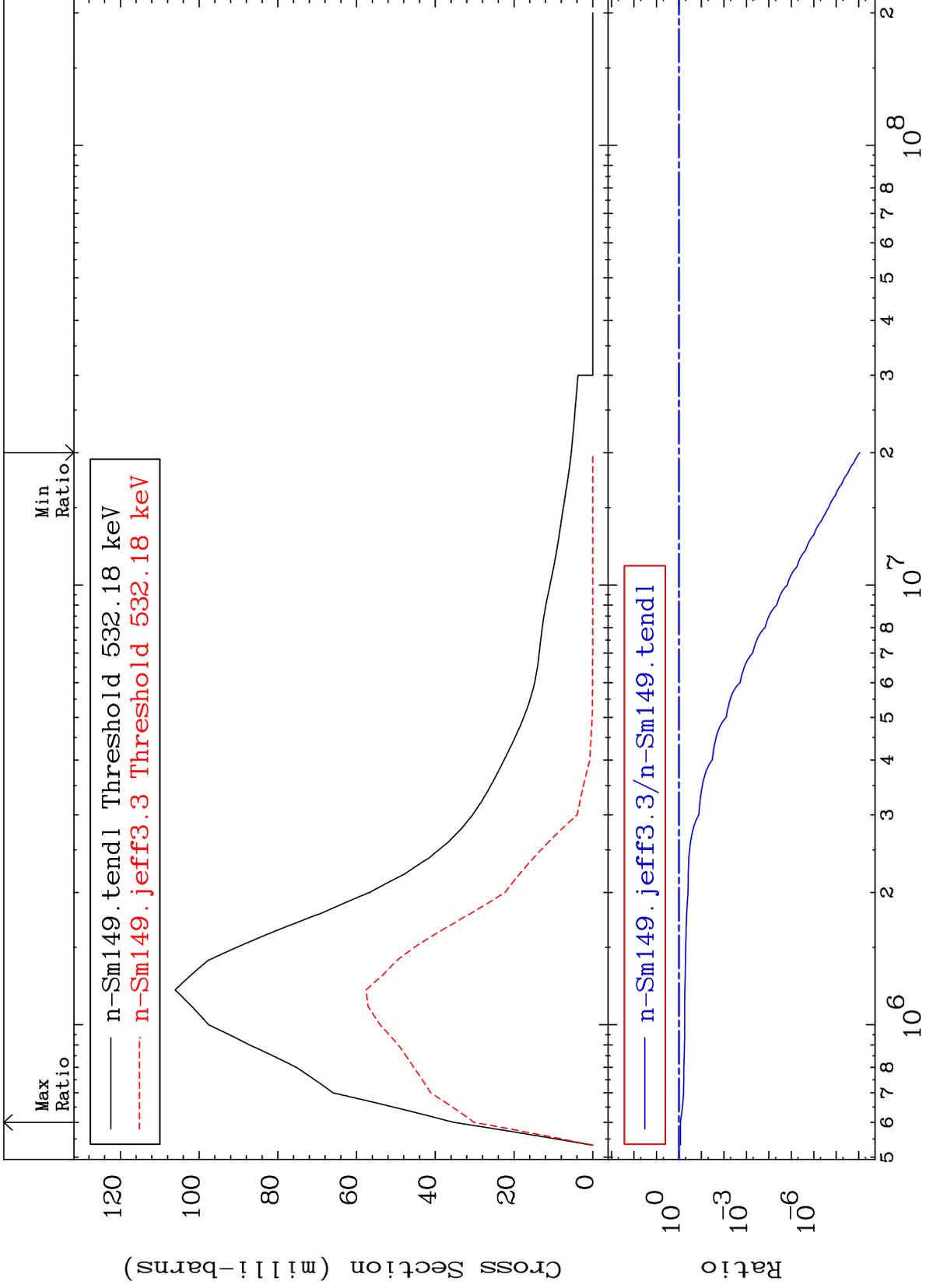
62-Sm-149
-71.30 To 370.5 %



MAT 6240

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

62-Sm-149
-100.0 To -14.74%



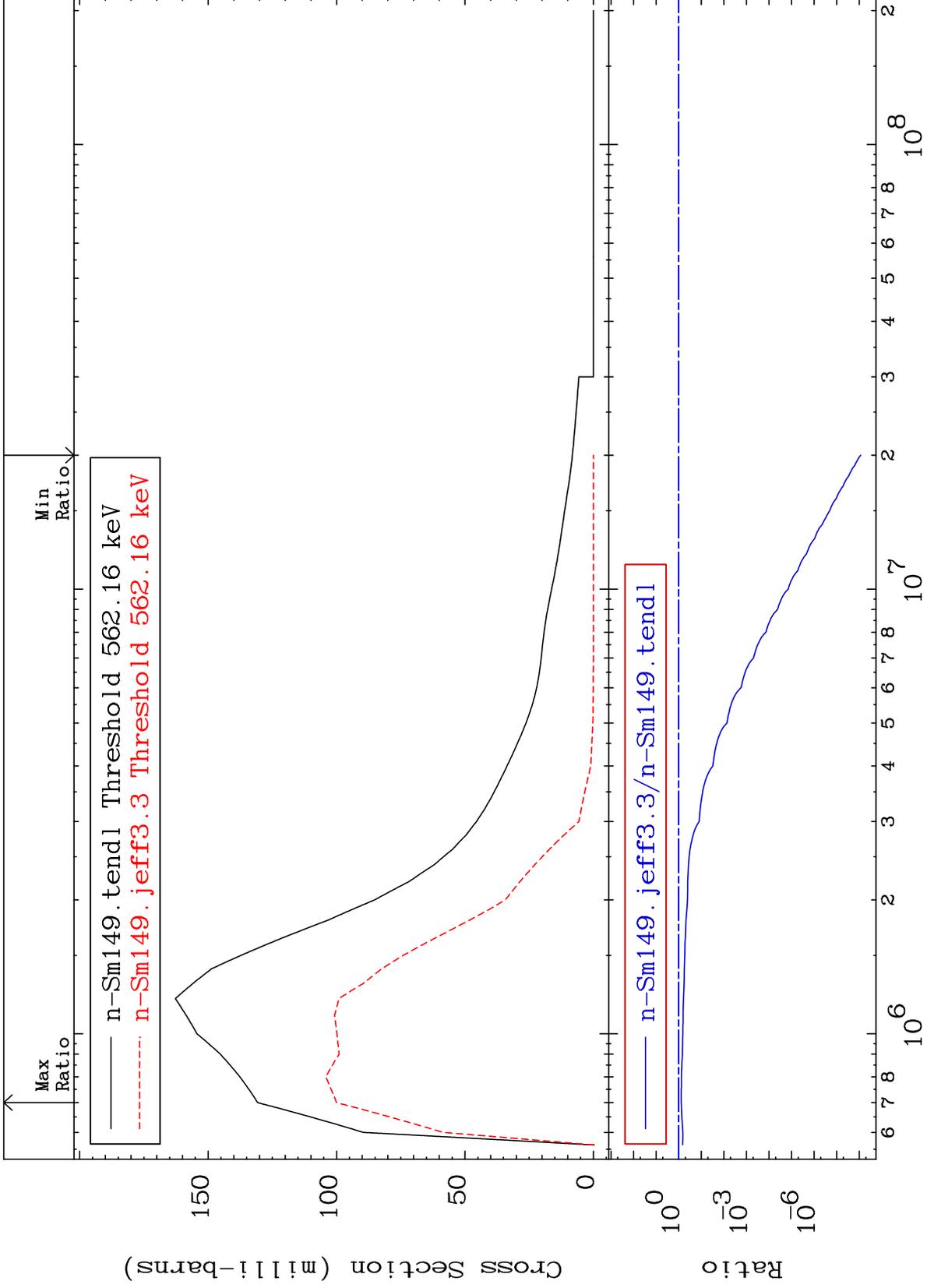
15

62-Sm-149

MAT 6240

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

62-Sm-149
-100.0 To -23.48%



16

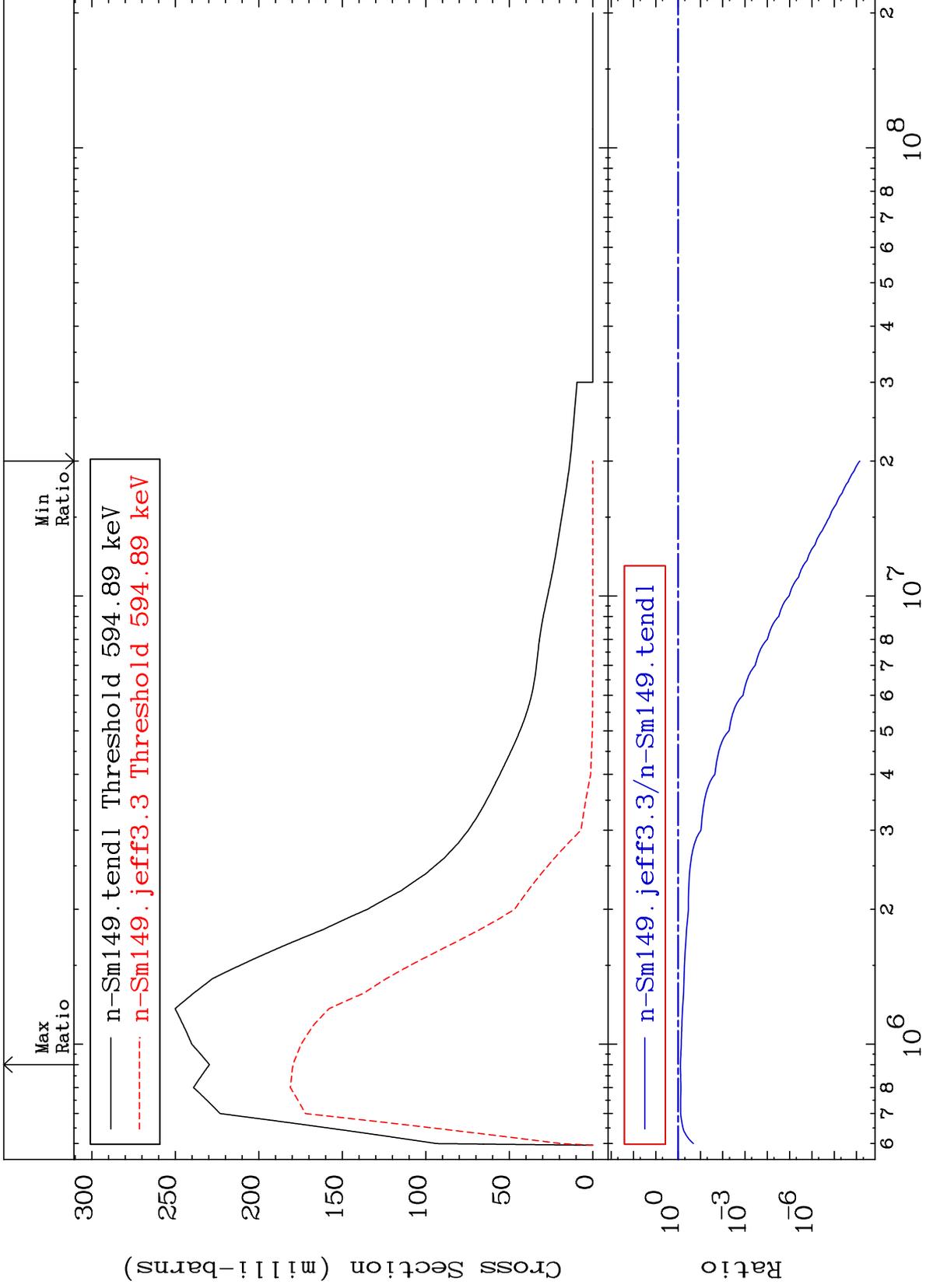
Incident Energy (eV)

62-Sm-149

MAT 6240

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

62-Sm-149
-100.0 To -21.79%



17

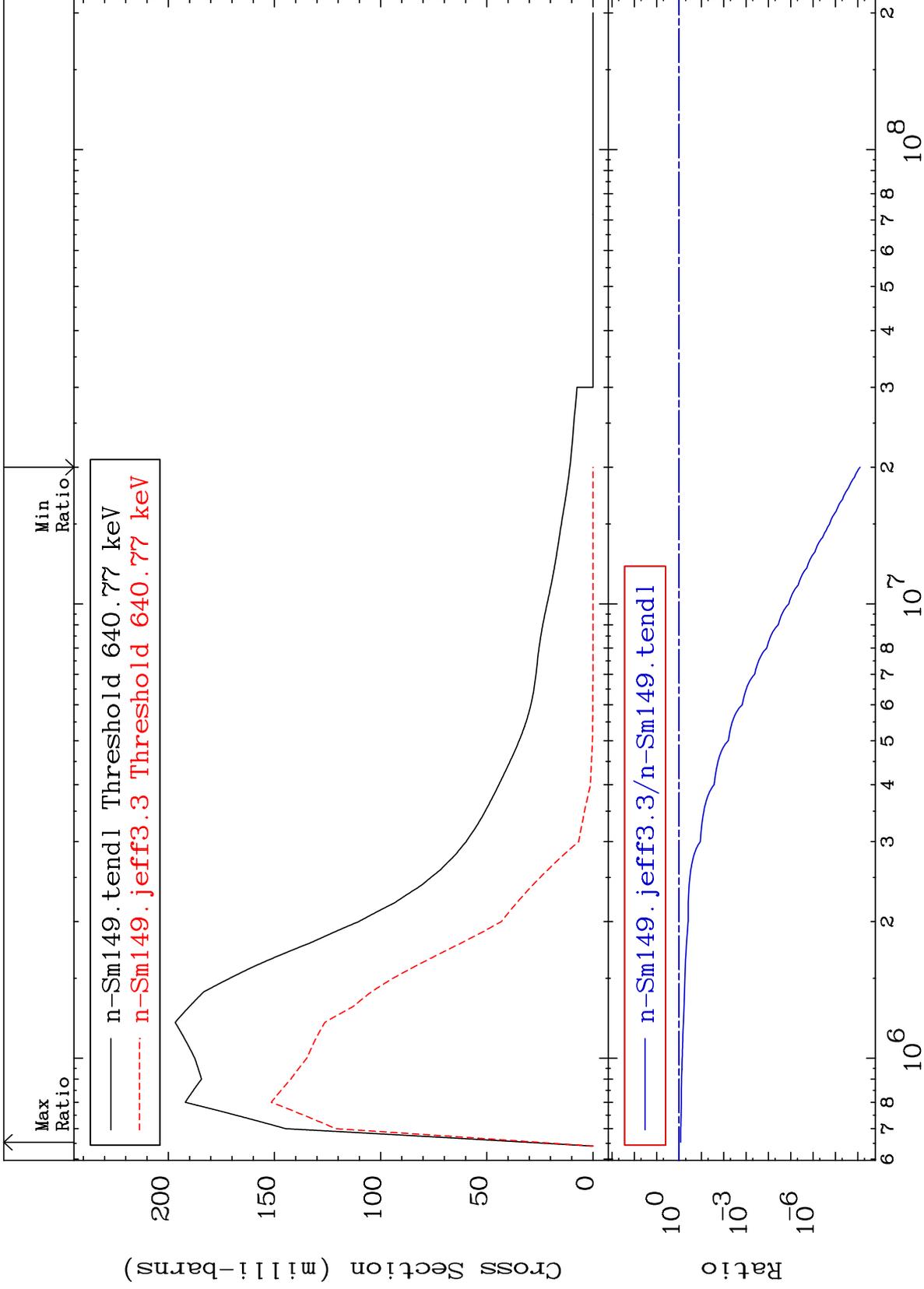
Incident Energy (eV)

62-Sm-149

MAT 6240

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

62-Sm-149
-100.0 To -16.29%



18

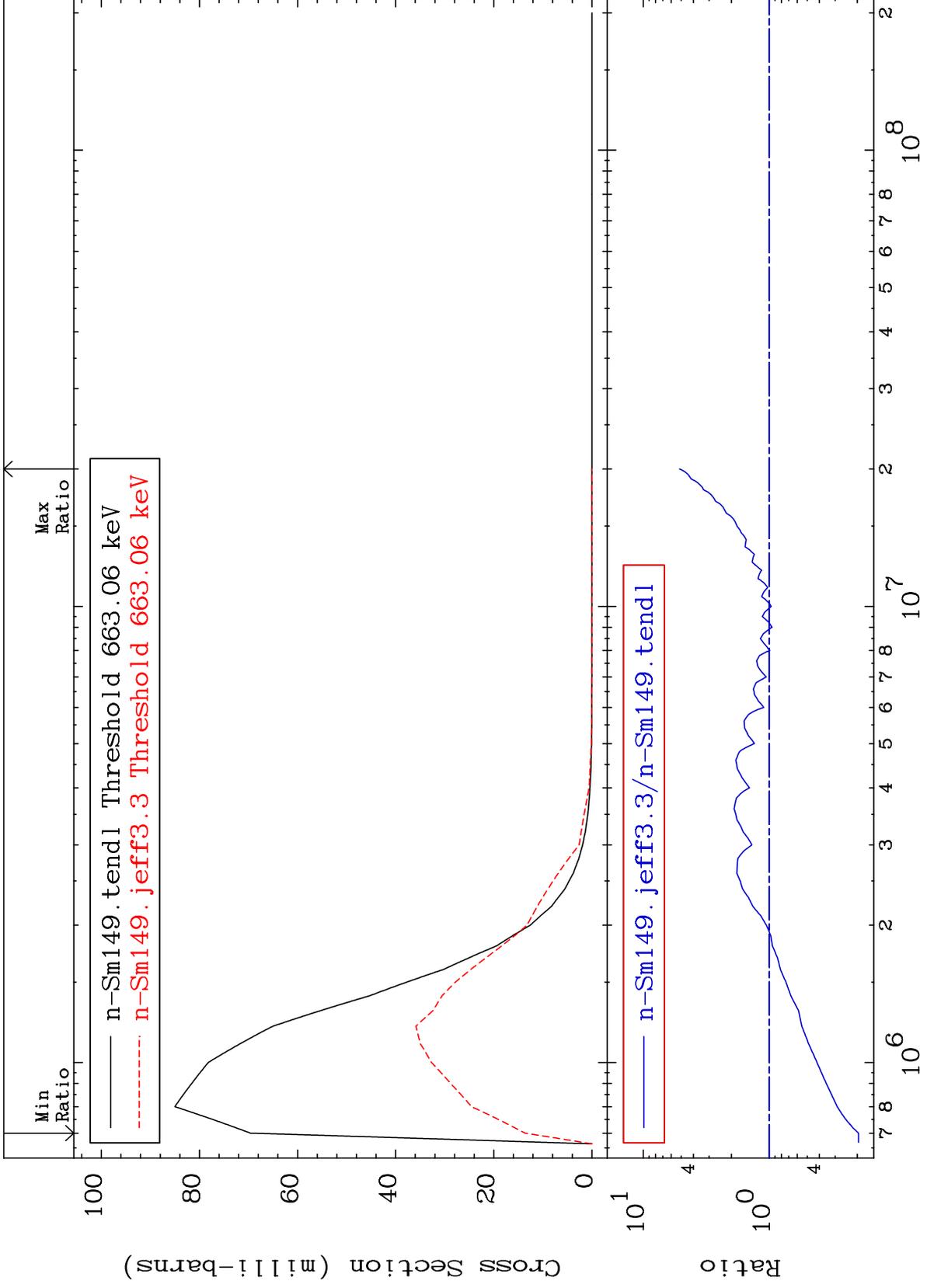
Incident Energy (eV)

62-Sm-149

MAT 6240

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

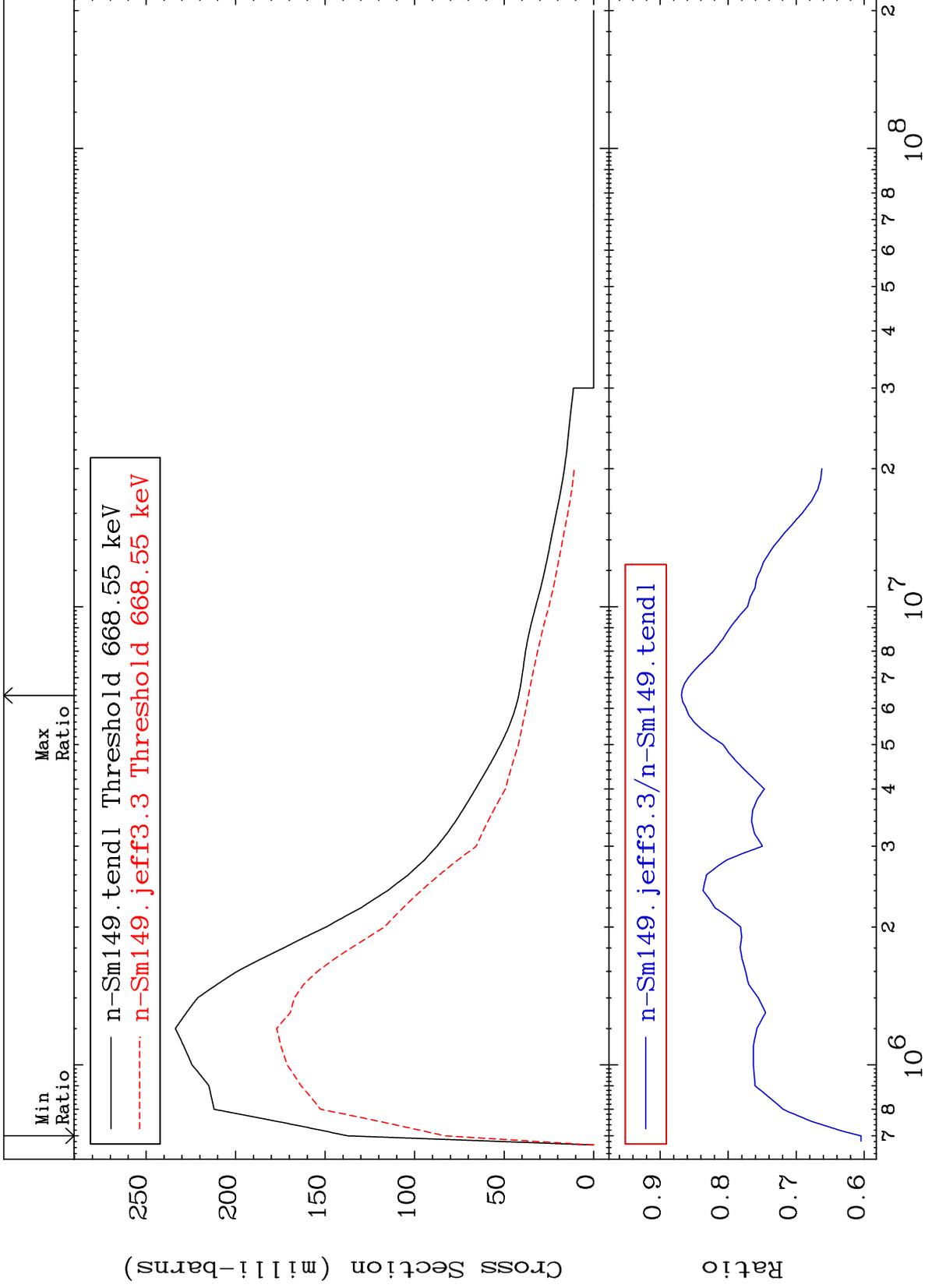
62-Sm-149
-80.44 To 415.5 %



MAT 6240

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

62-Sm-149
-39.53 To -13.14%



20

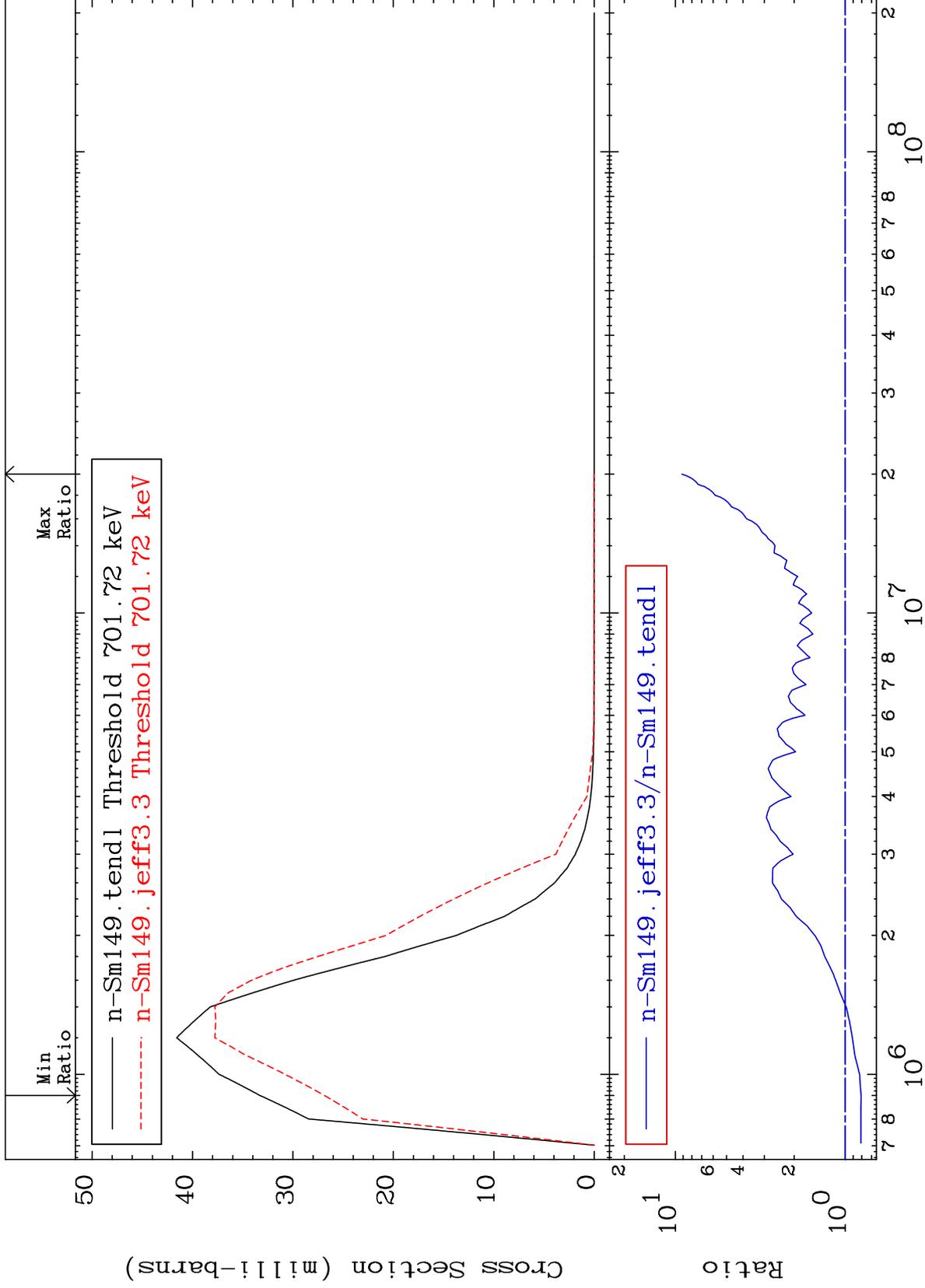
Incident Energy (eV)

62-Sm-149

MAT 6240

MT= 62 (n,n') Level
Cross Section

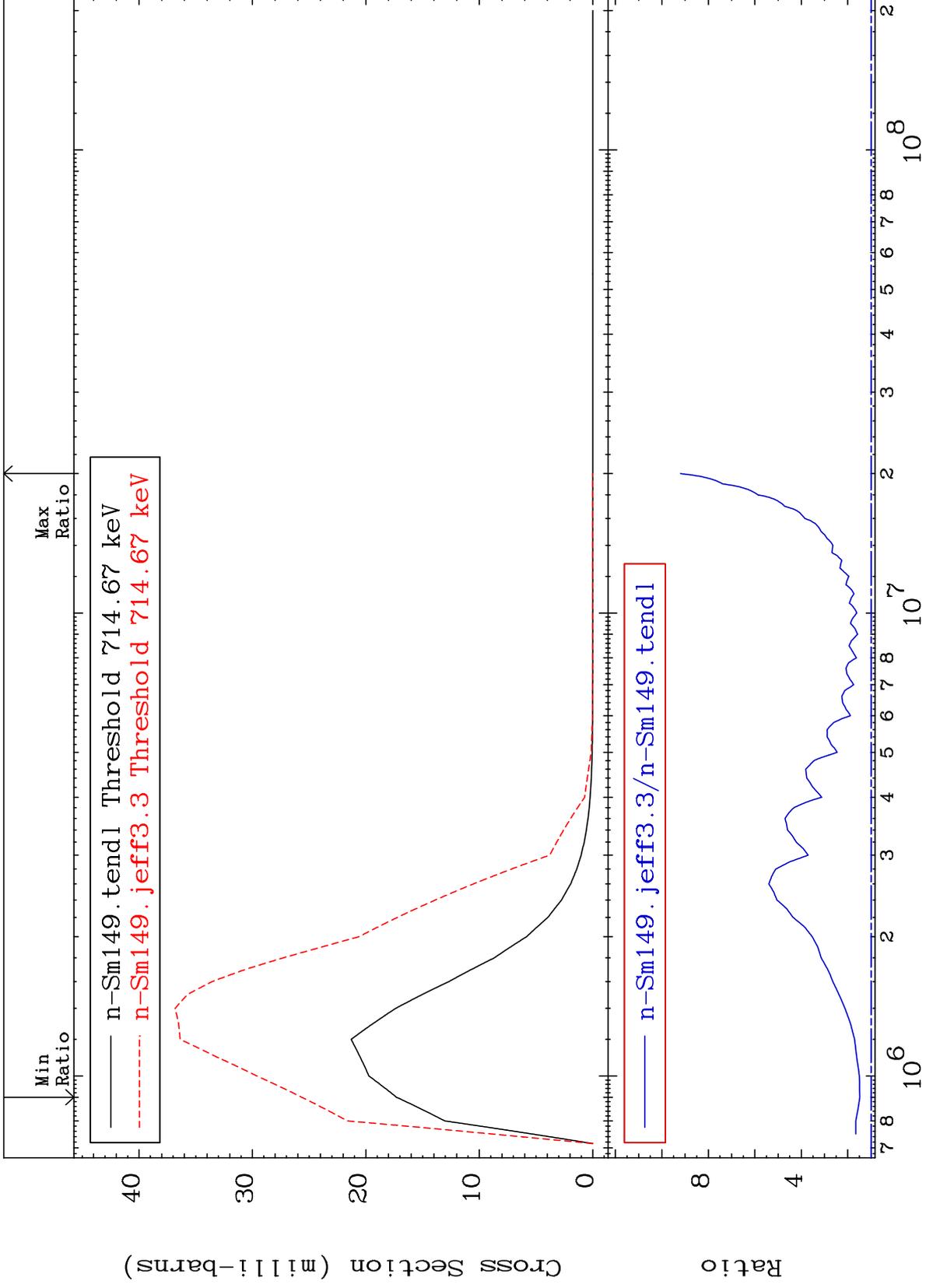
62-Sm-149
-19.27 To 815.1 %



MAT 6240

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

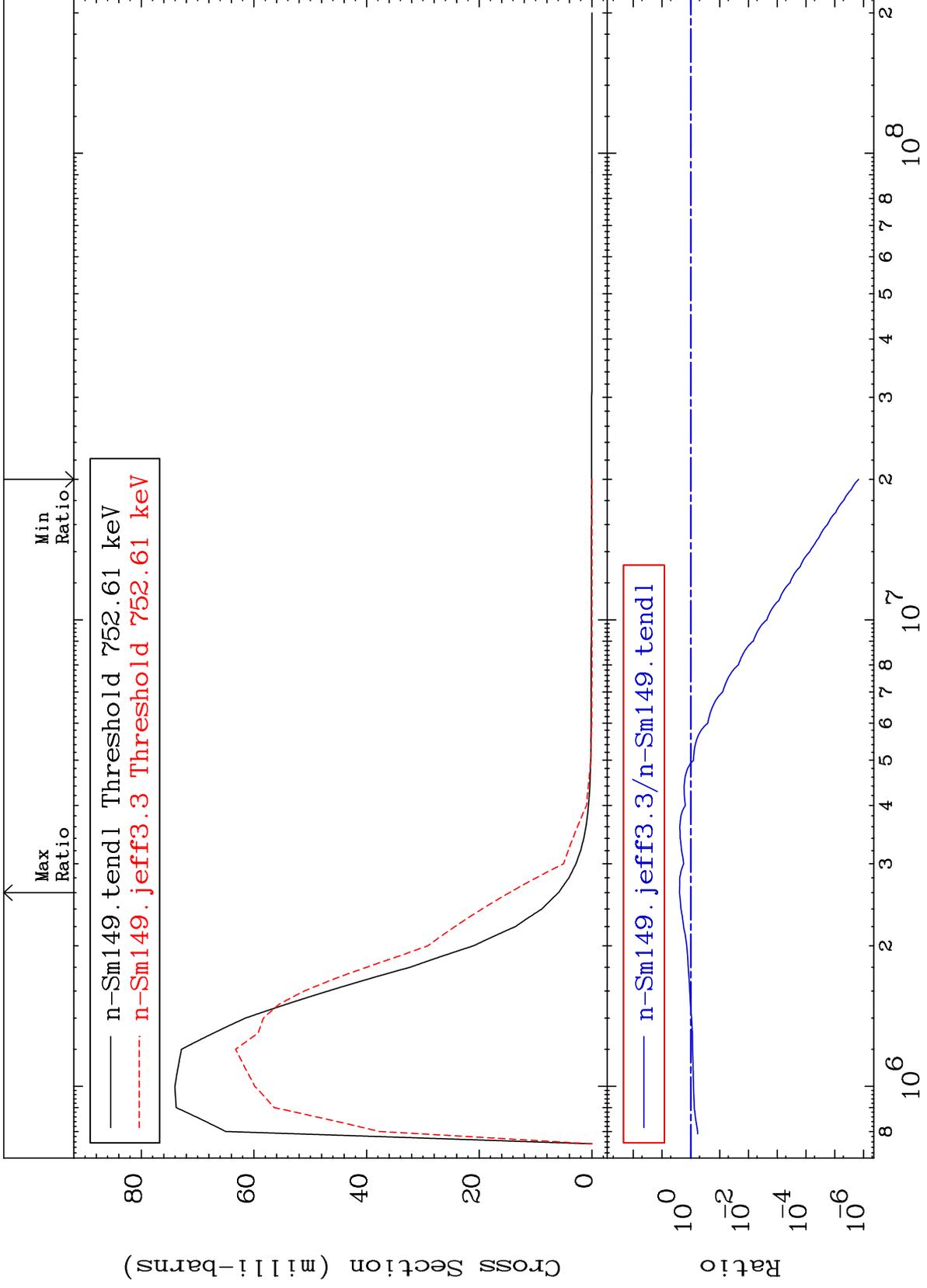
62-Sm-149
48.32 To 819.9 %



MAT 6240

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

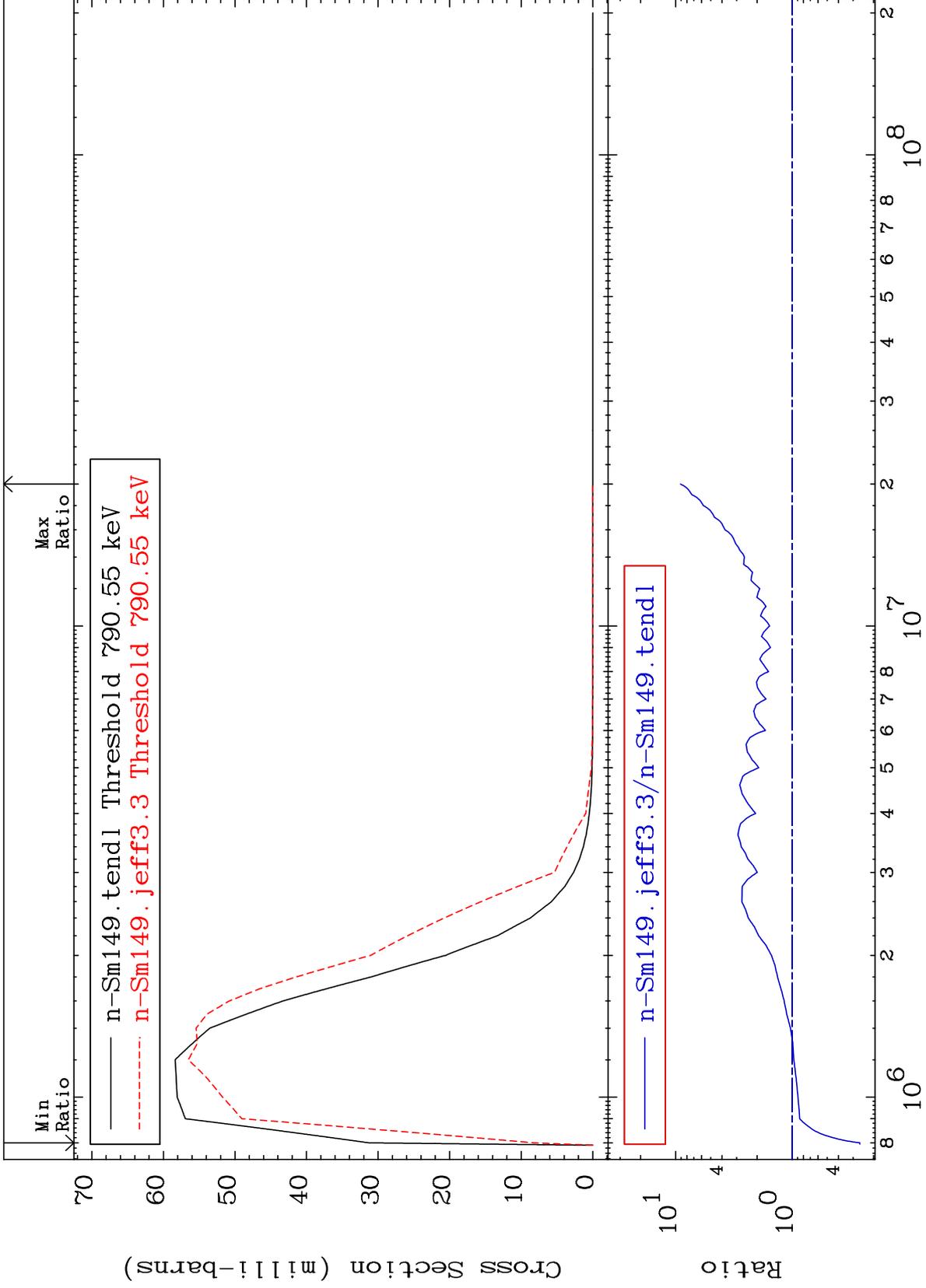
62-Sm-149
-100.0 To 147.2 %



MAT 6240

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

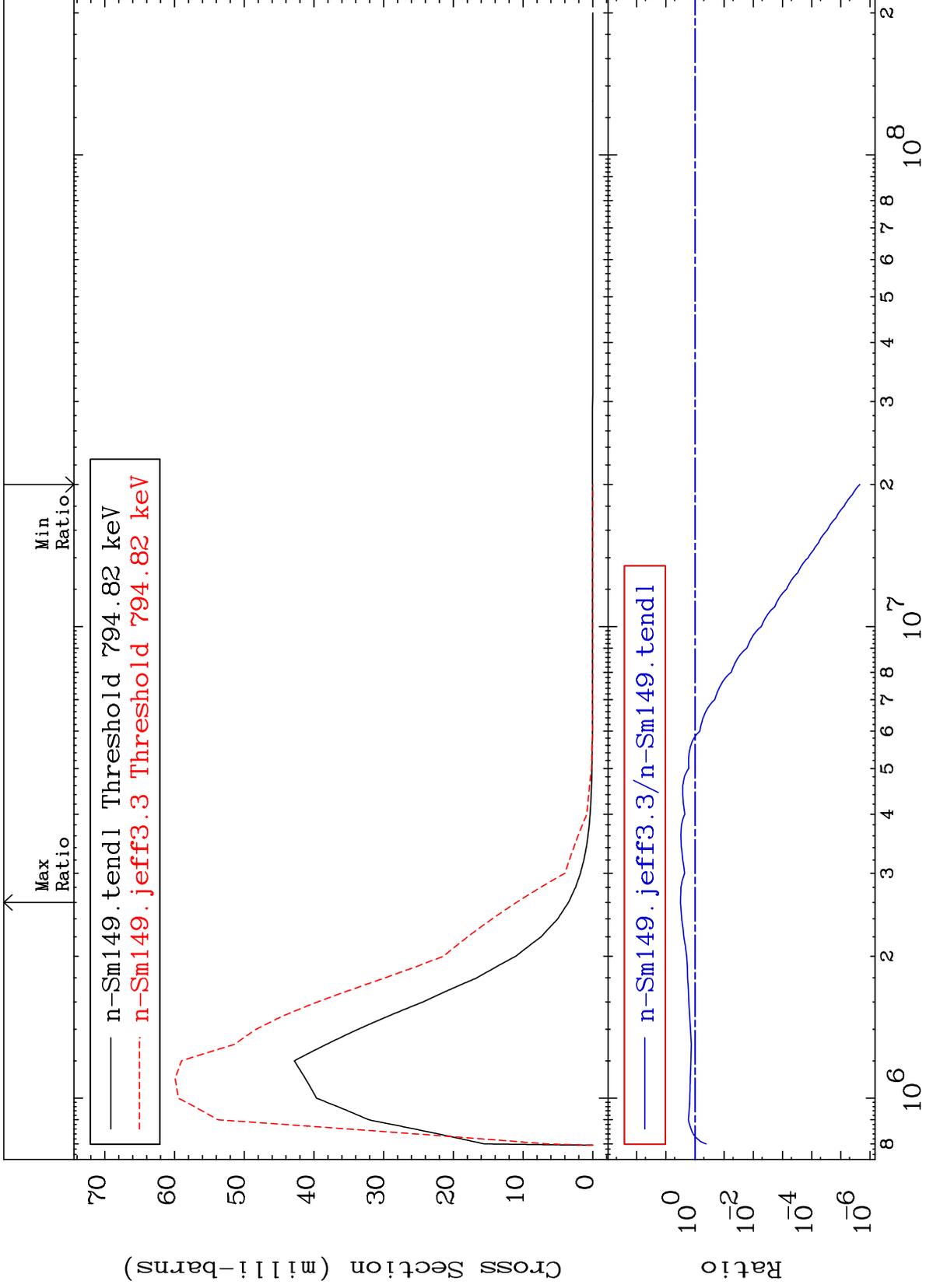
62-Sm-149
-73.71 To 810.2 %



MAT 6240

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

62-Sm-149
-100.0 To 214.2 %



25

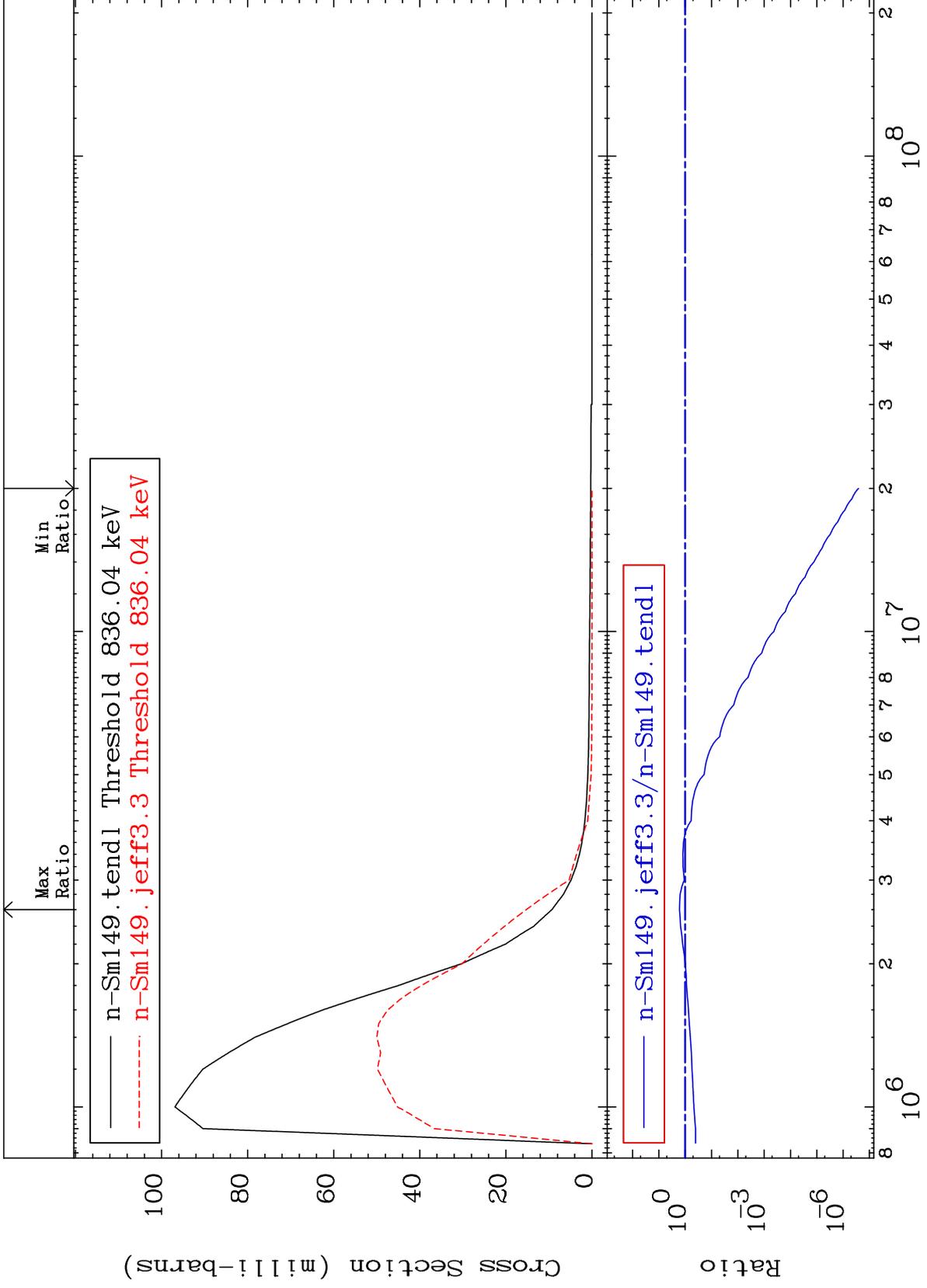
Incident Energy (eV)

62-Sm-149

MAT 6240

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

62-Sm-149
-100.0 To 64.34 %



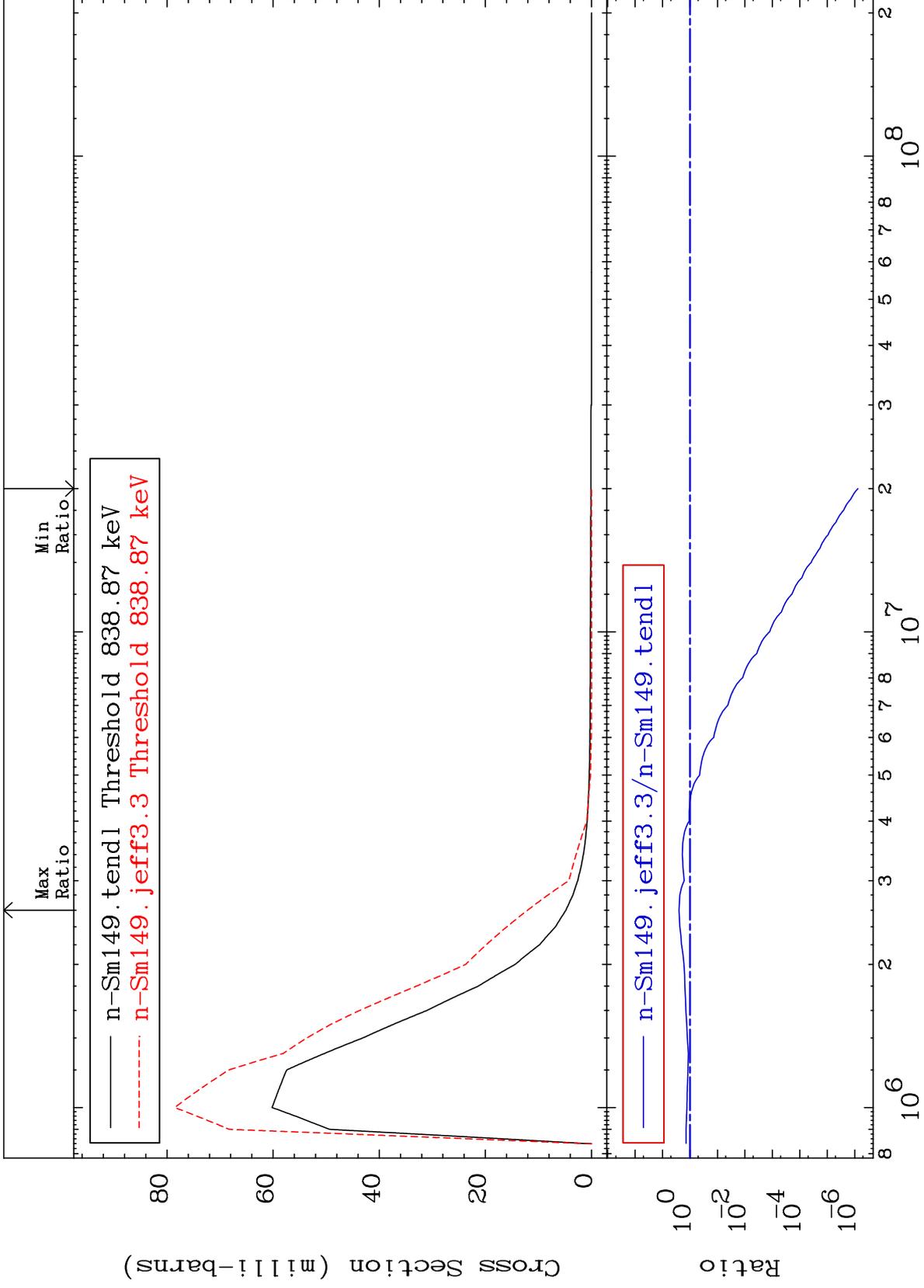
26

62-Sm-149

MAT 6240

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

62-Sm-149
-100.0 To 150.4 %



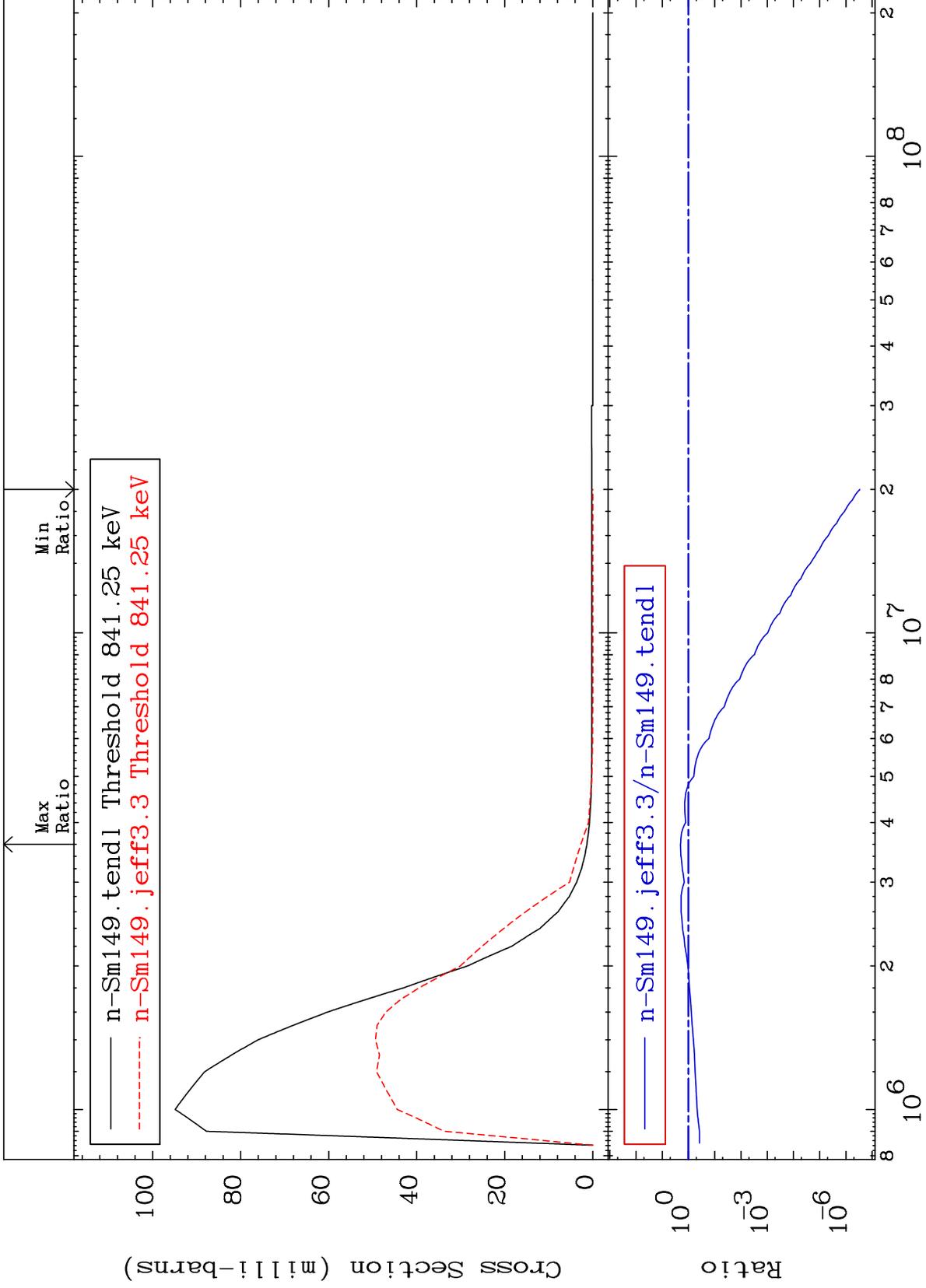
27

62-Sm-149

MAT 6240

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

62-Sm-149
-100.0 To 101.3 %



28

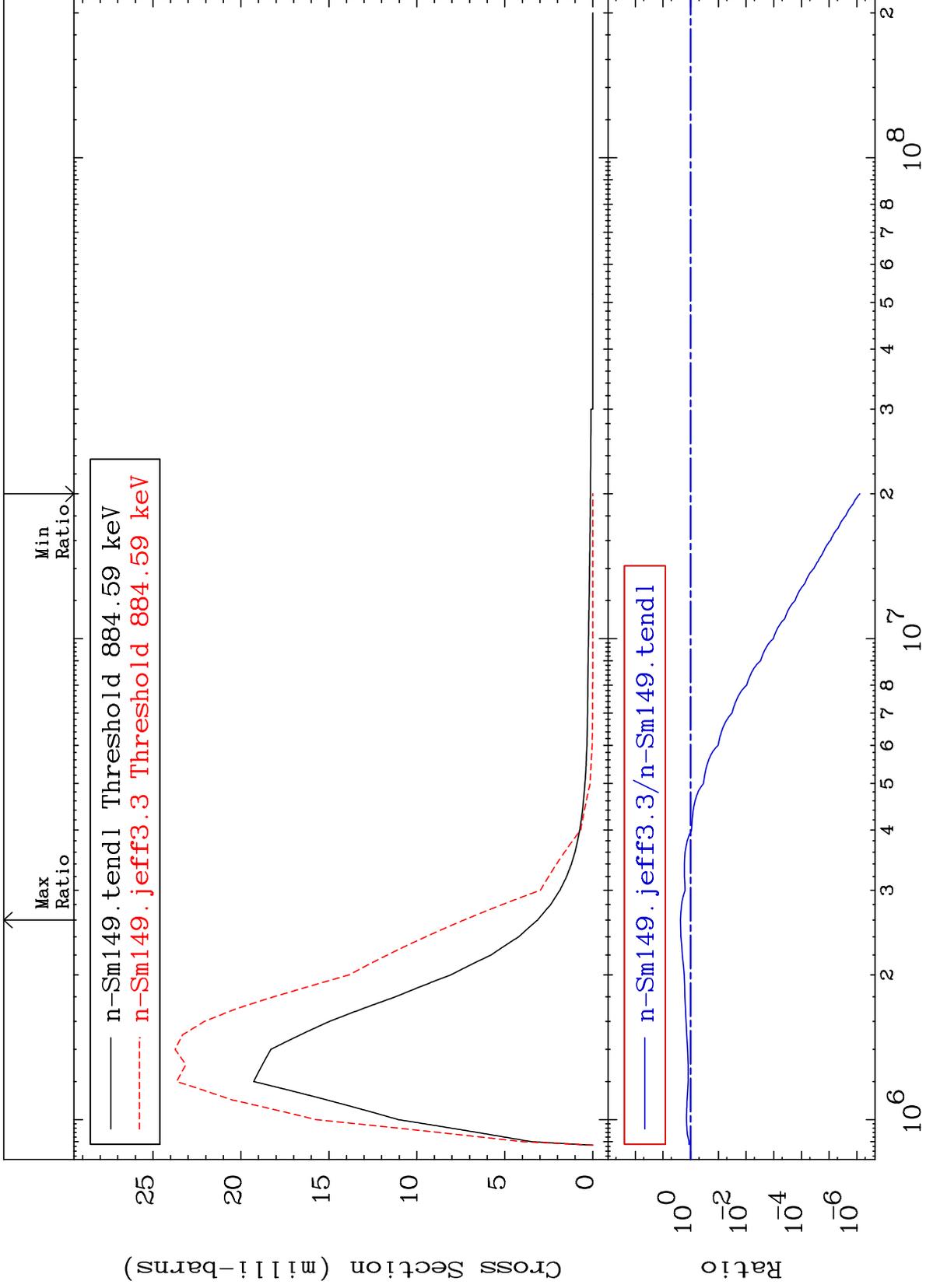
Incident Energy (eV)

62-Sm-149

MAT 6240

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

62-Sm-149
-100.0 To 133.5 %



29

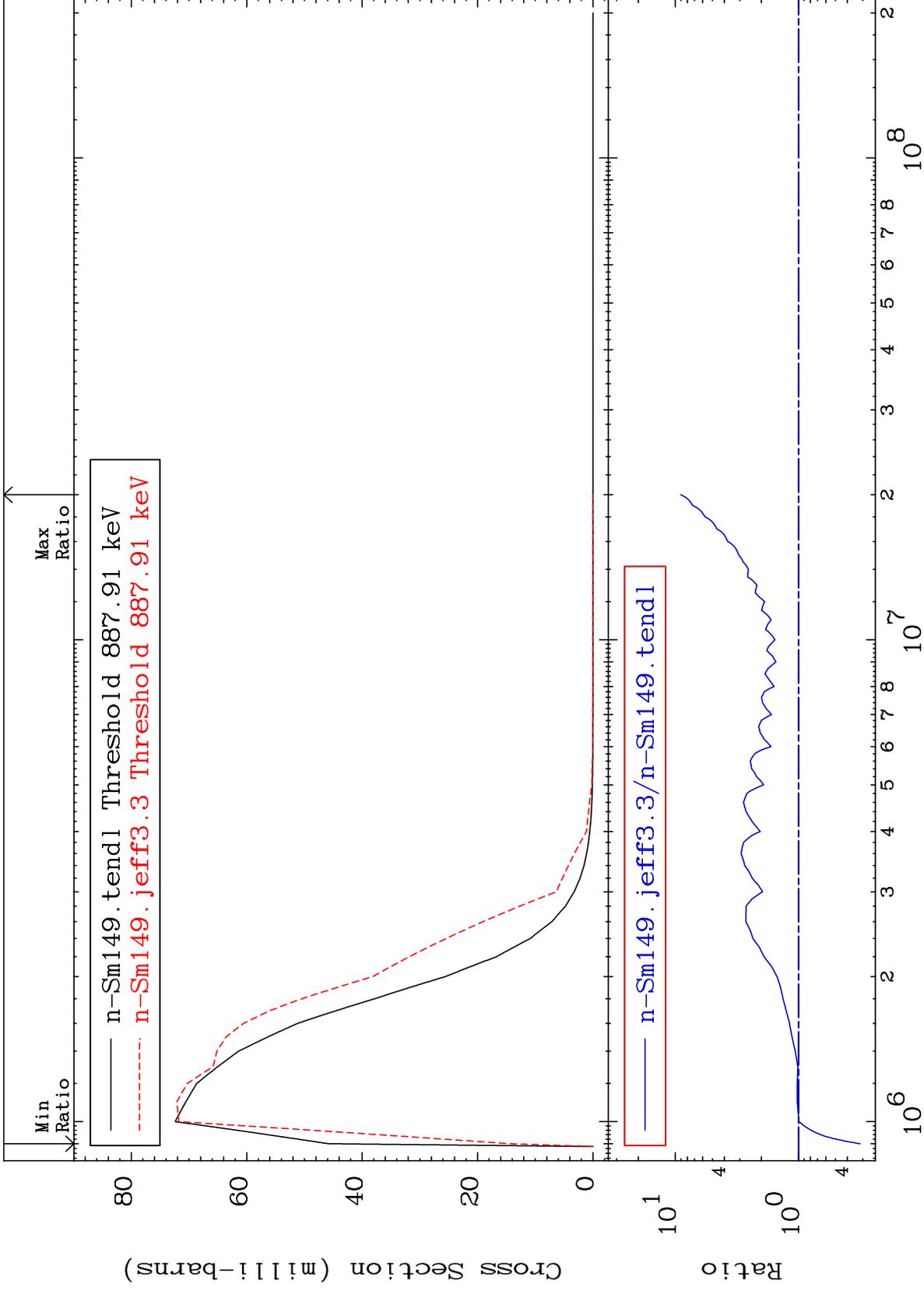
Incident Energy (eV)

62-Sm-149

MAT 6240

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

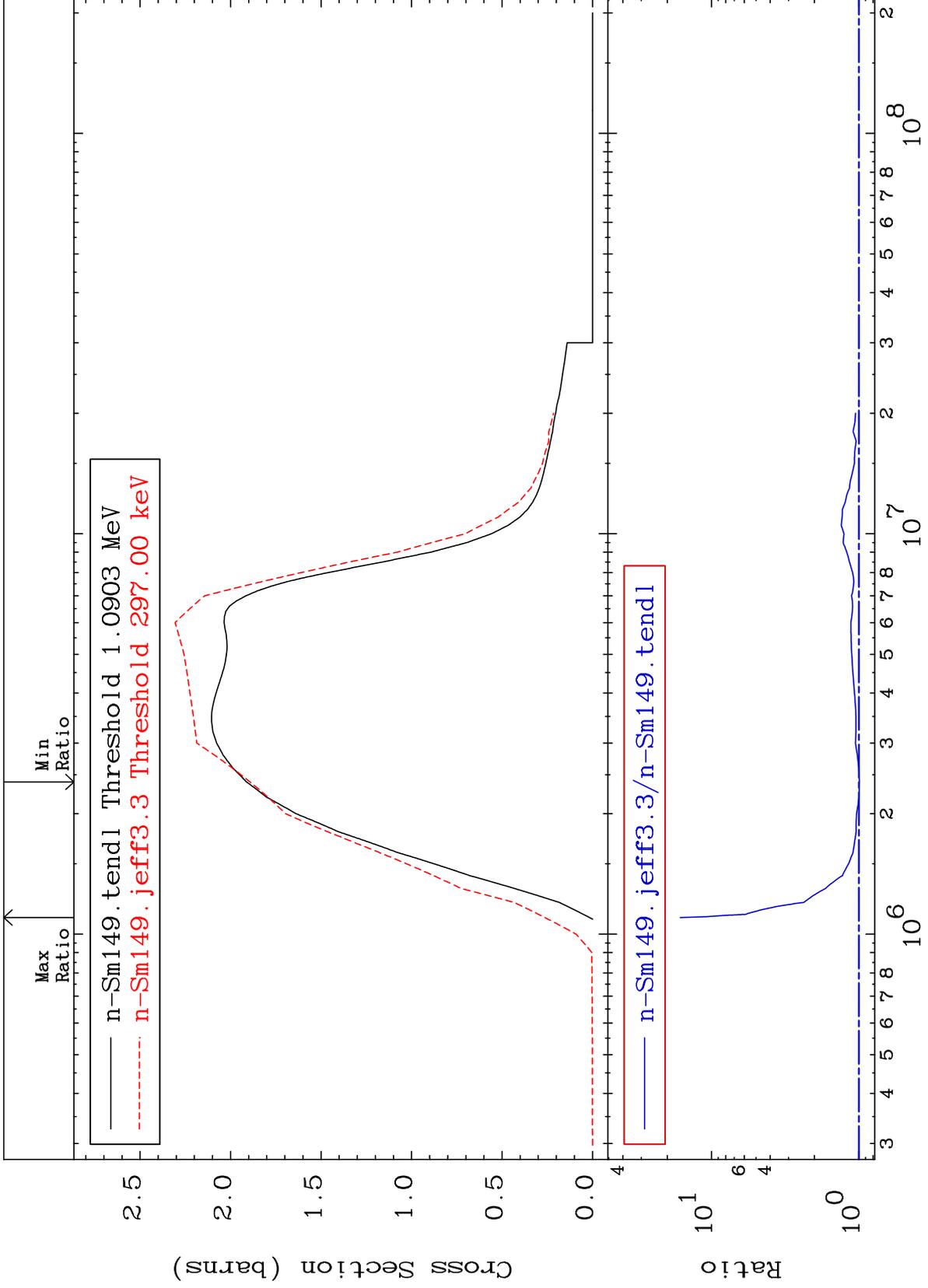
62-Sm-149
-68.45 To 804.1 %



MAT 6240

(n, n') Continuum
Cross Section

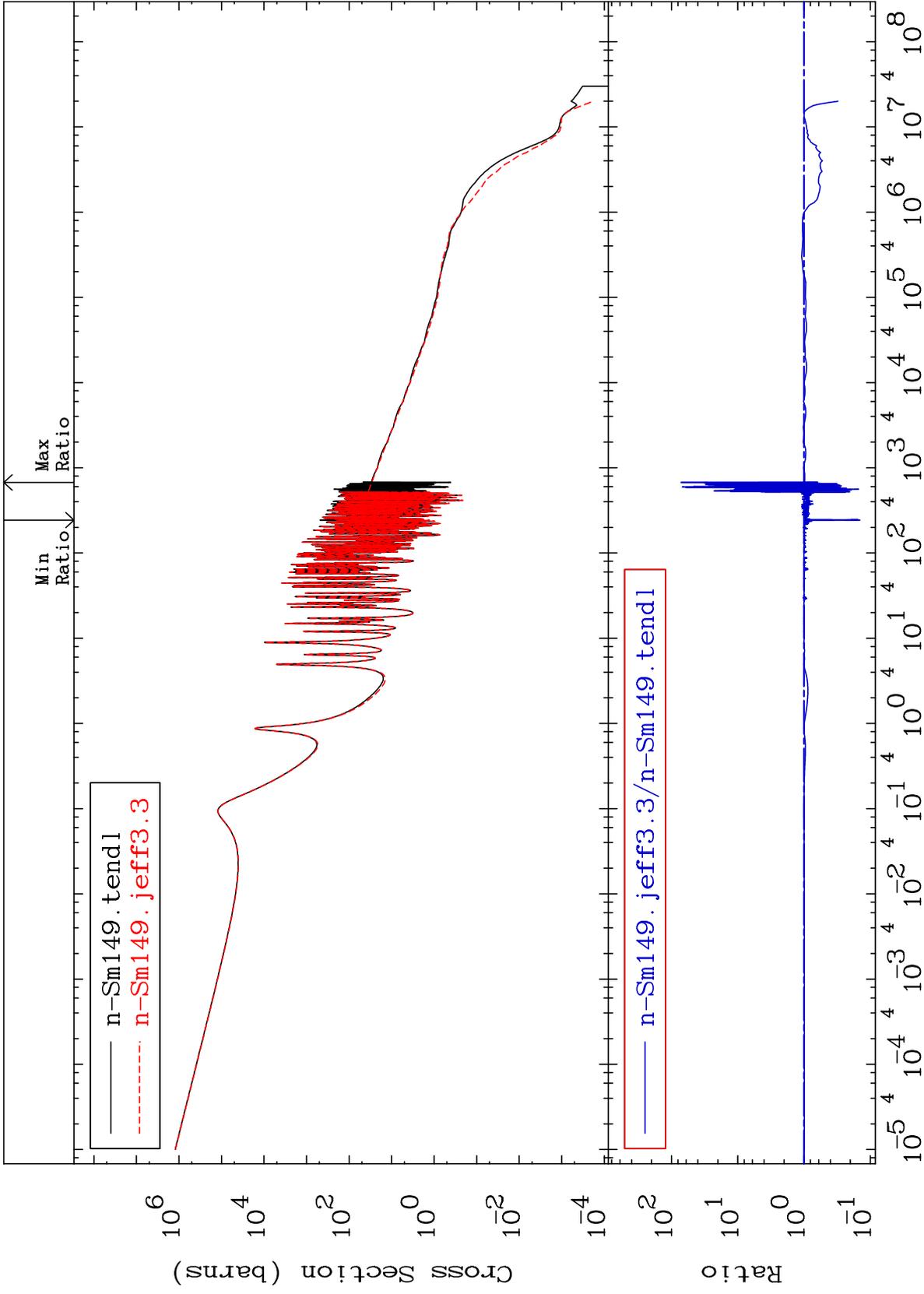
62-Sm-149
-0.995 To 1530. %



MAT 6240

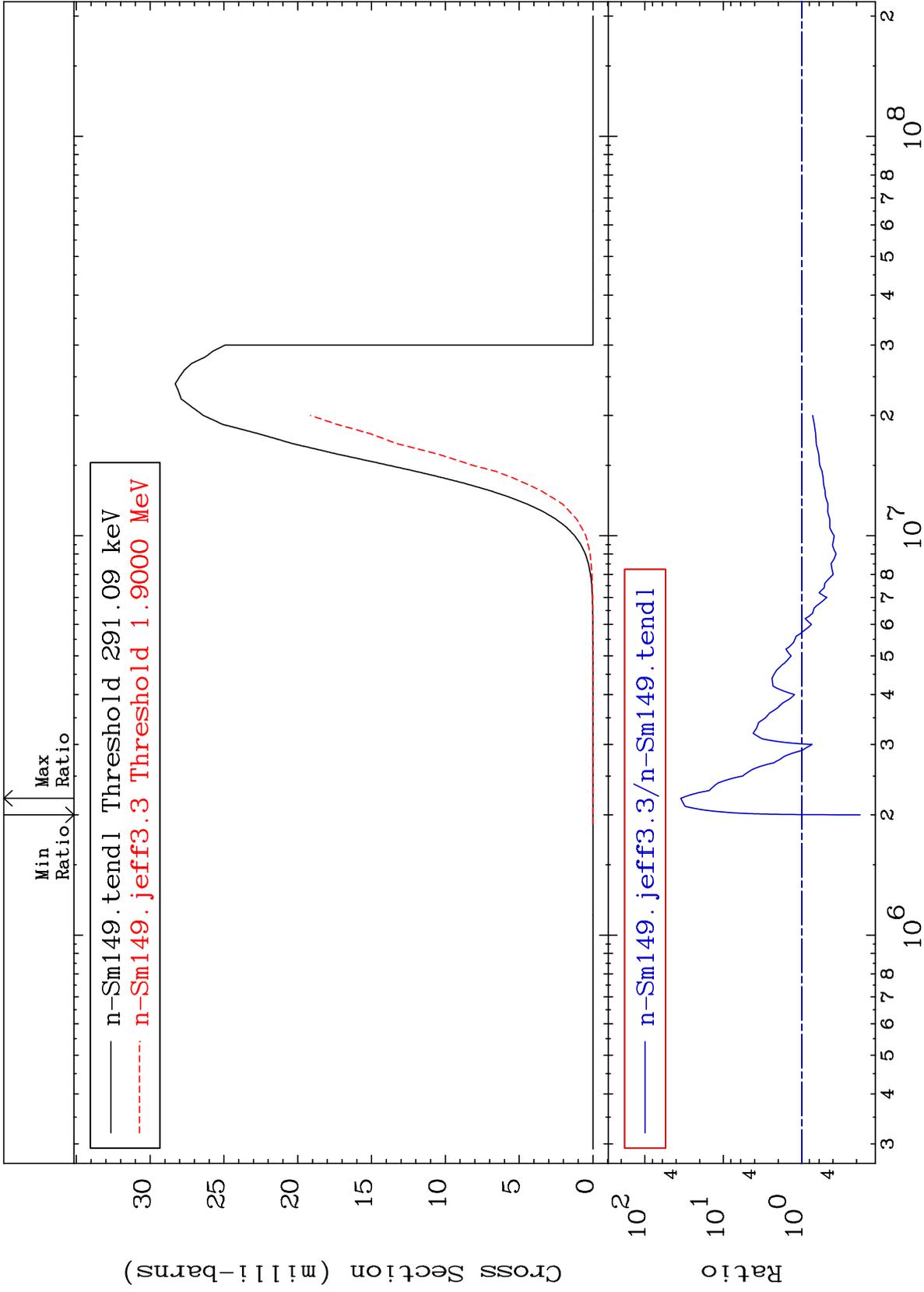
(n, γ)
Cross Section

62-Sm-149
-85.77 To 7144. %



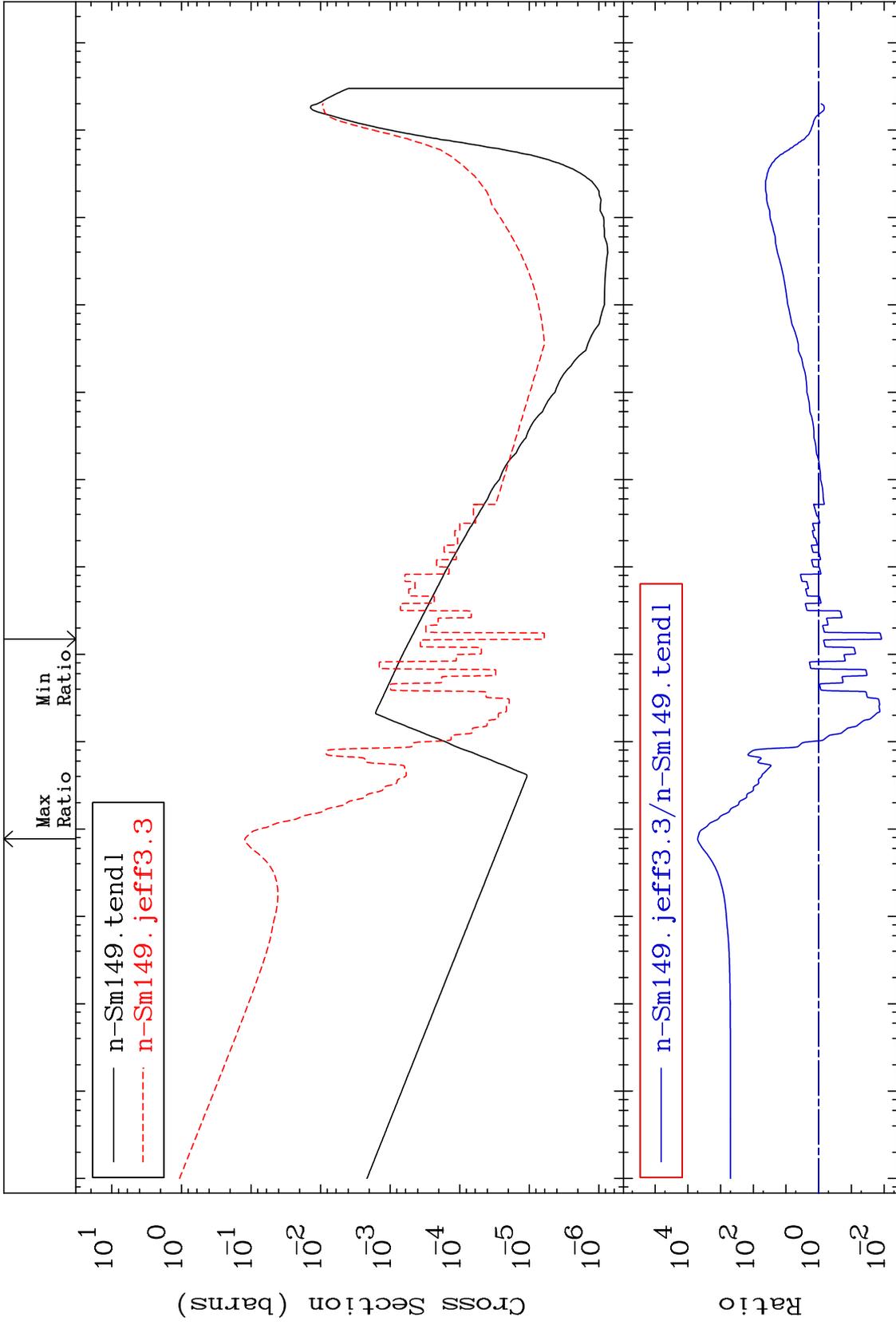
Cross Section

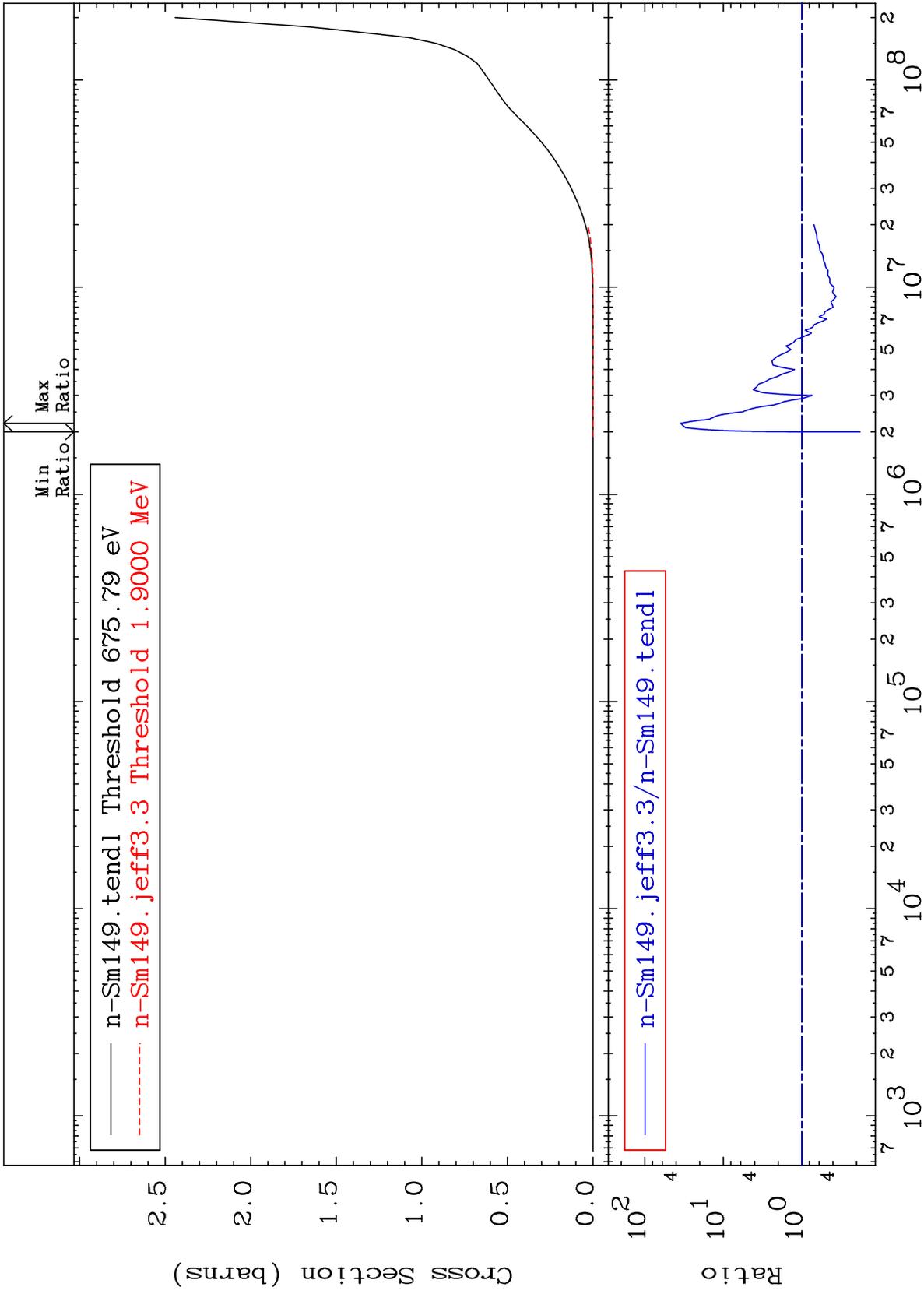
-81.95 To 3388. %



MAT 6240

(n, α)
Cross Section
62-Sm-149
-98.80 To 9999. %

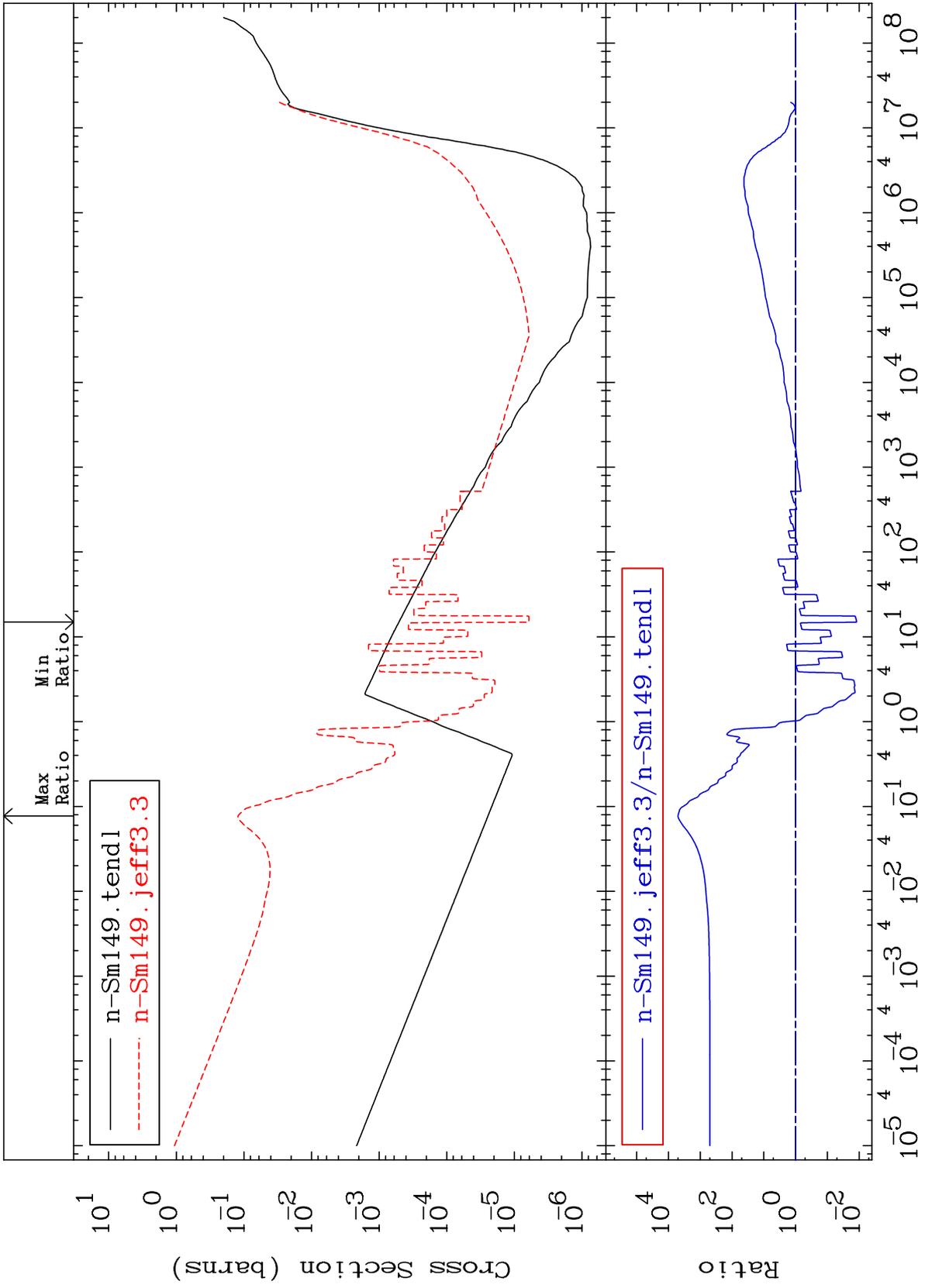




MAT 6240

He-4 Production
Cross Section

62-Sm-149
-98.80 To 9999. %



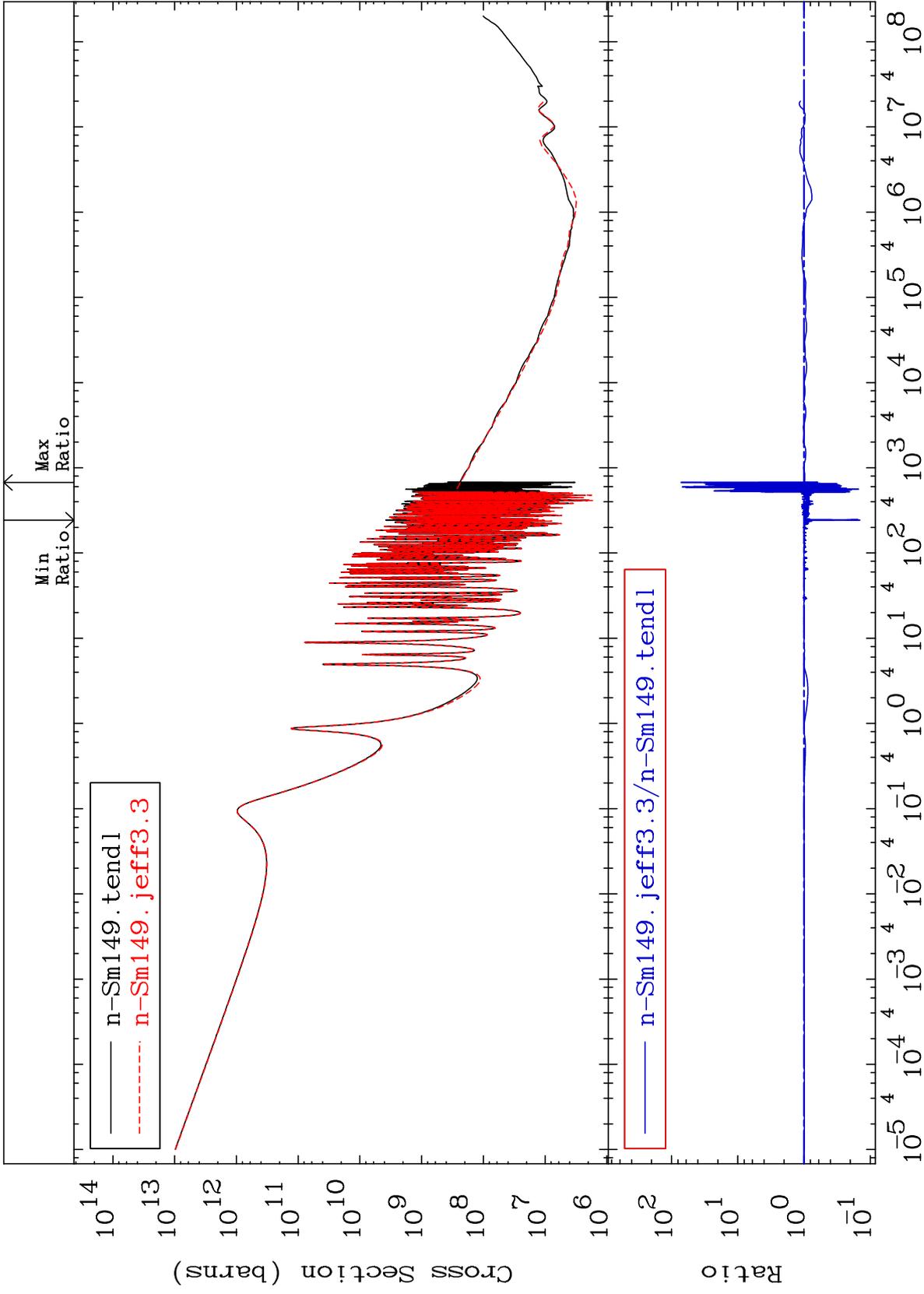
MAT 6240

Kerma total (eV-barns)

62-Sm-149

Cross Section

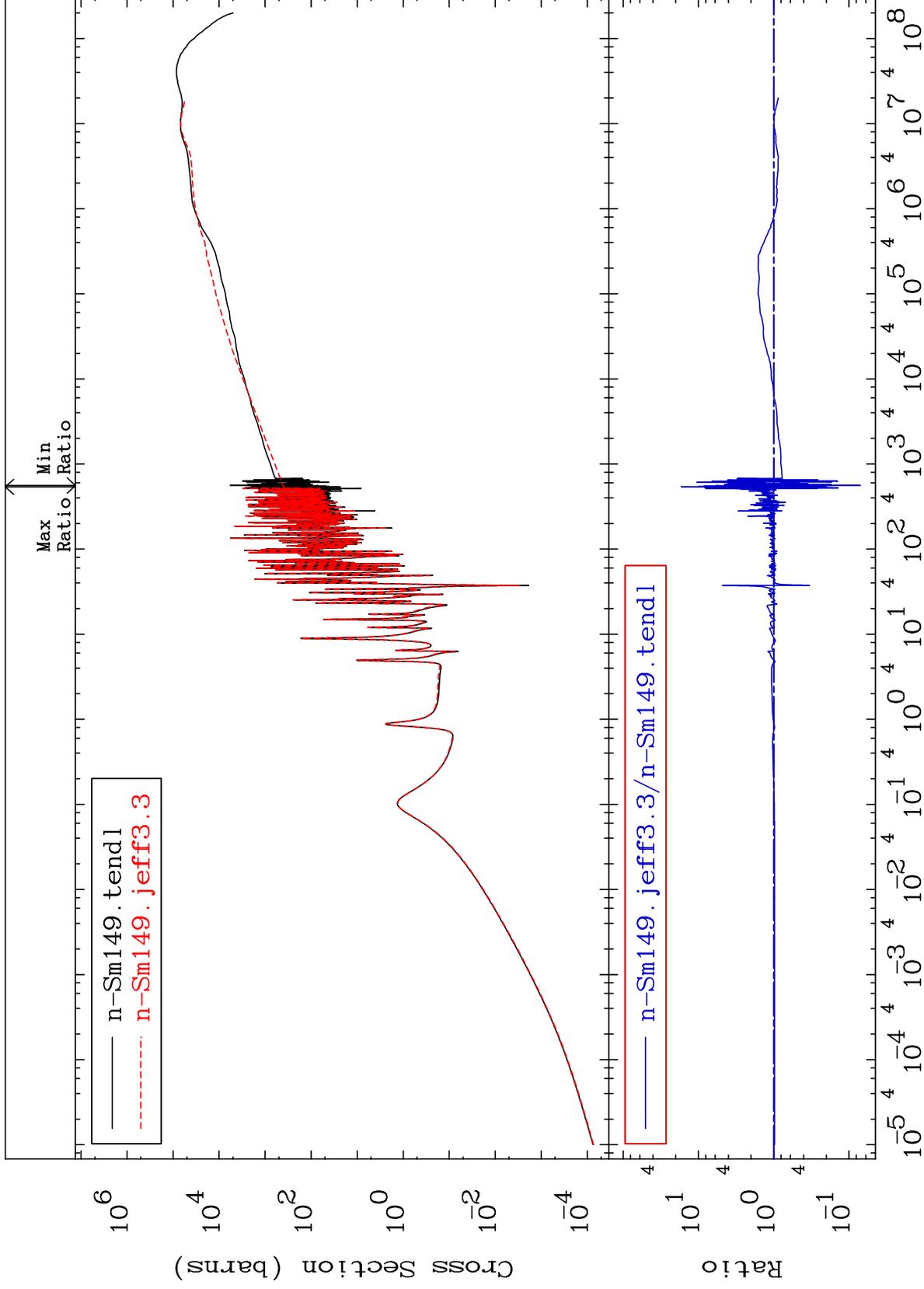
-85.77 To 7143. %

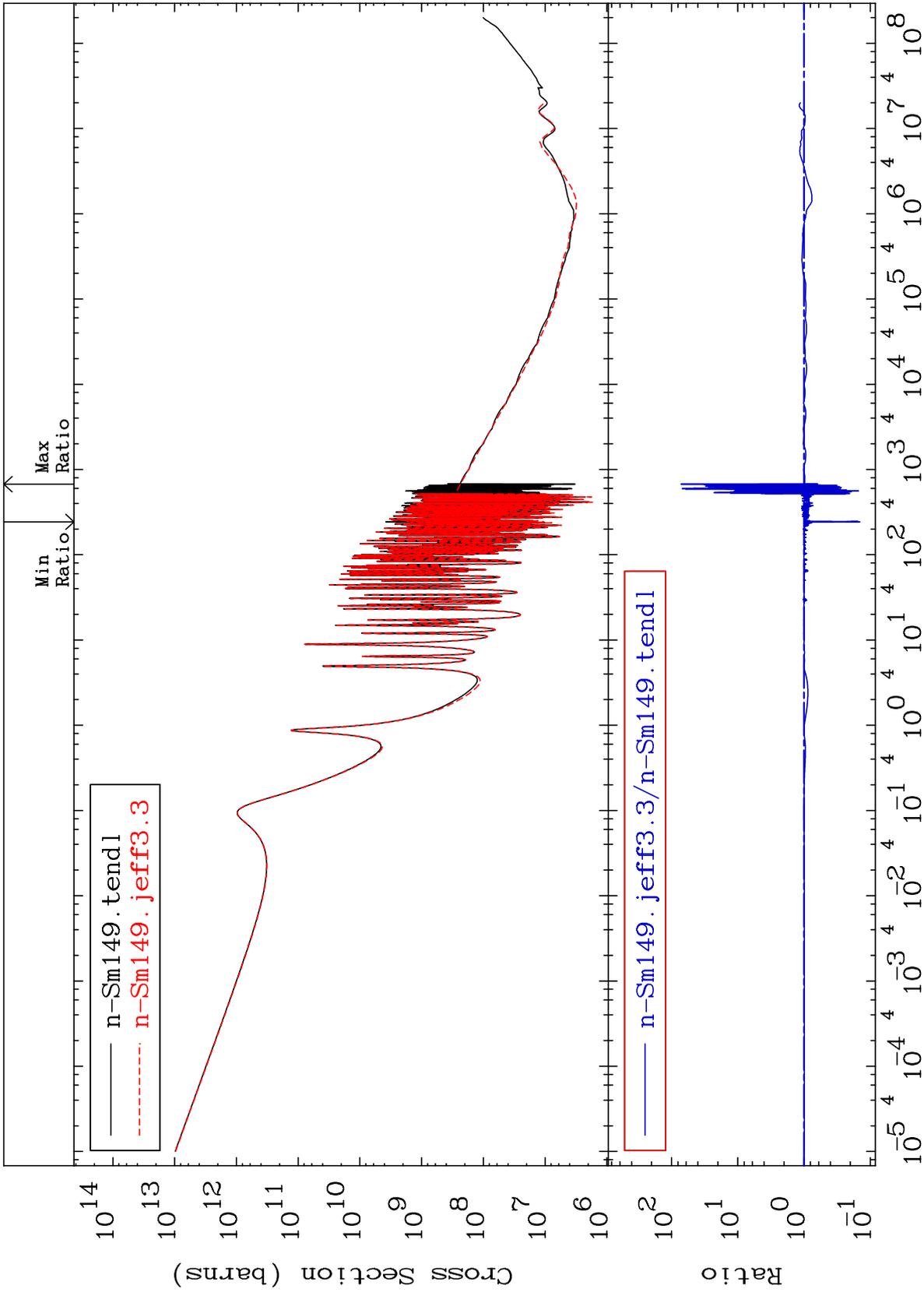


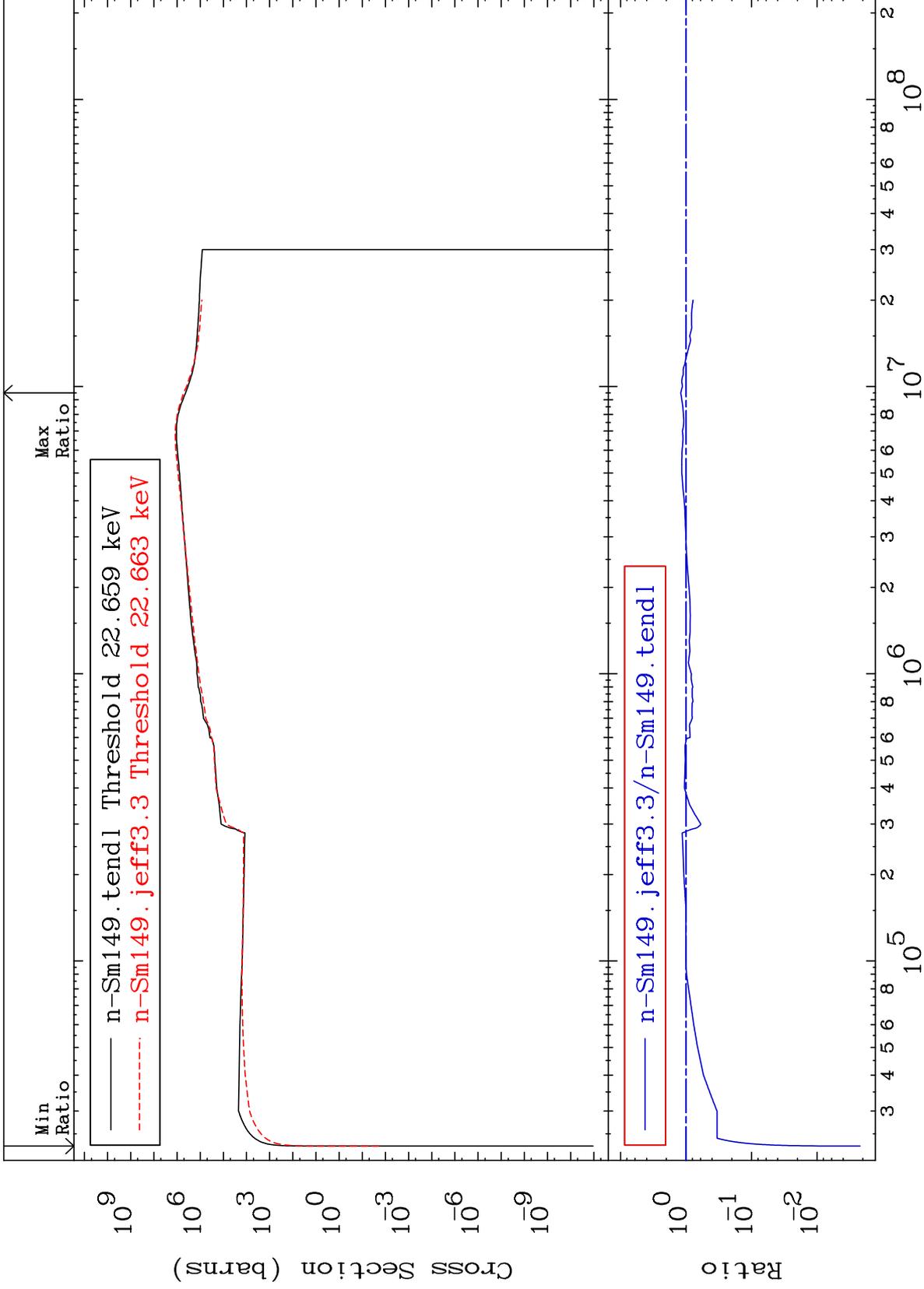
MAT 6240

Kerma elastic
Cross Section

62-Sm-149
-92.89 To 1594. %



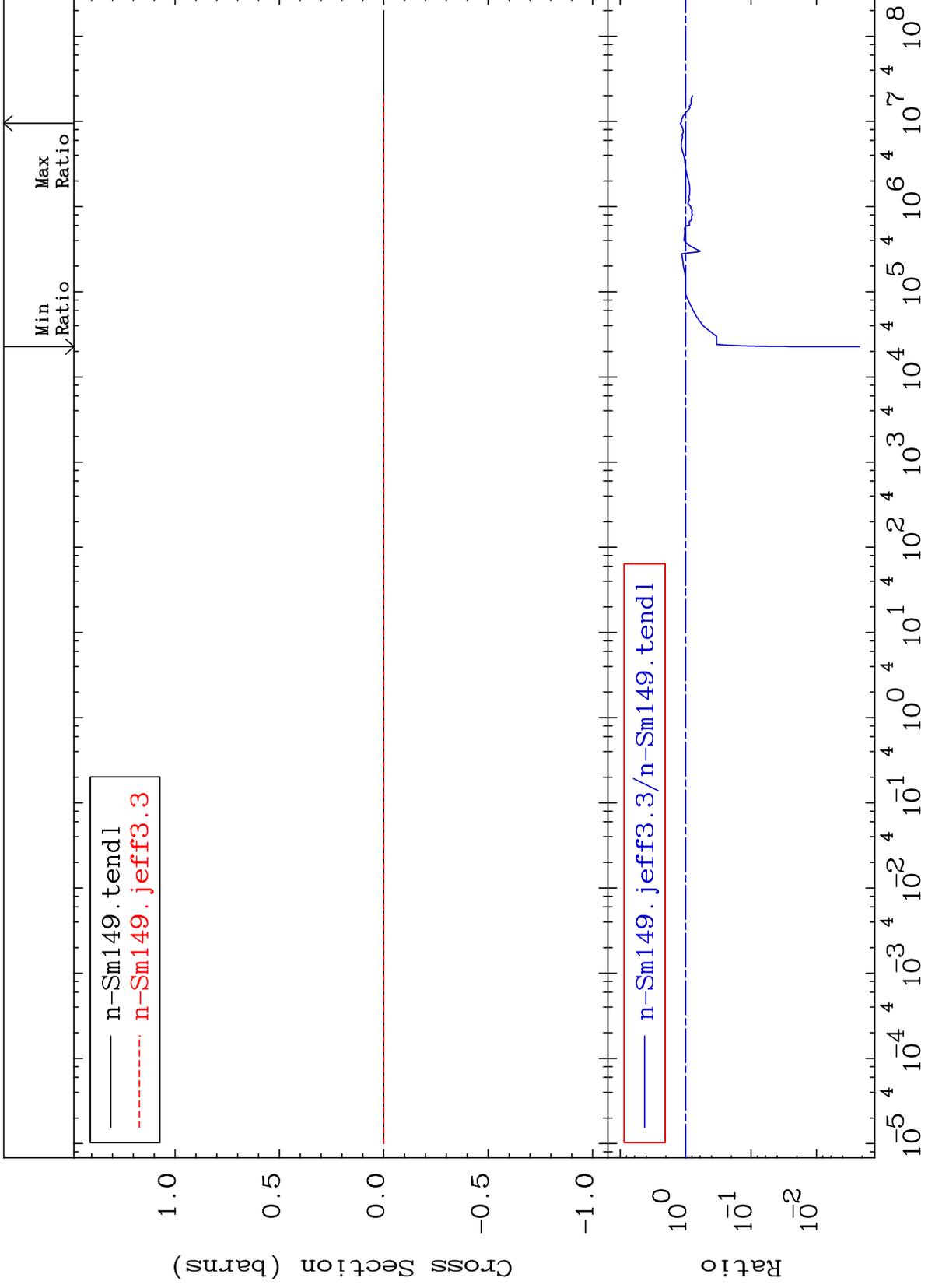




MAT 6240

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

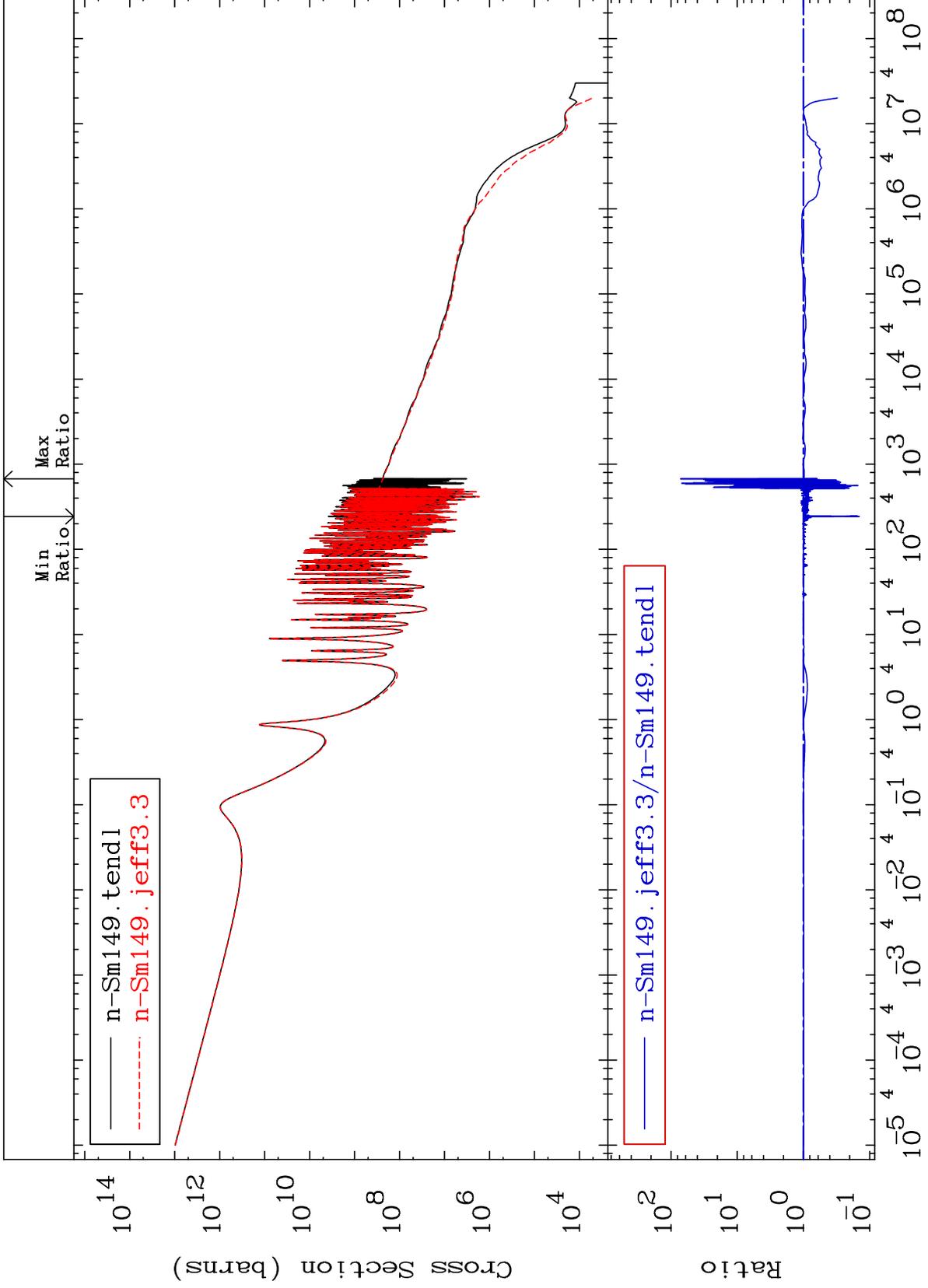
62-Sm-149
-99.78 To 20.46 %



MAT 6240

Kerma capture (mt102)
Cross Section

62-Sm-149
-85.77 To 7144. %



42

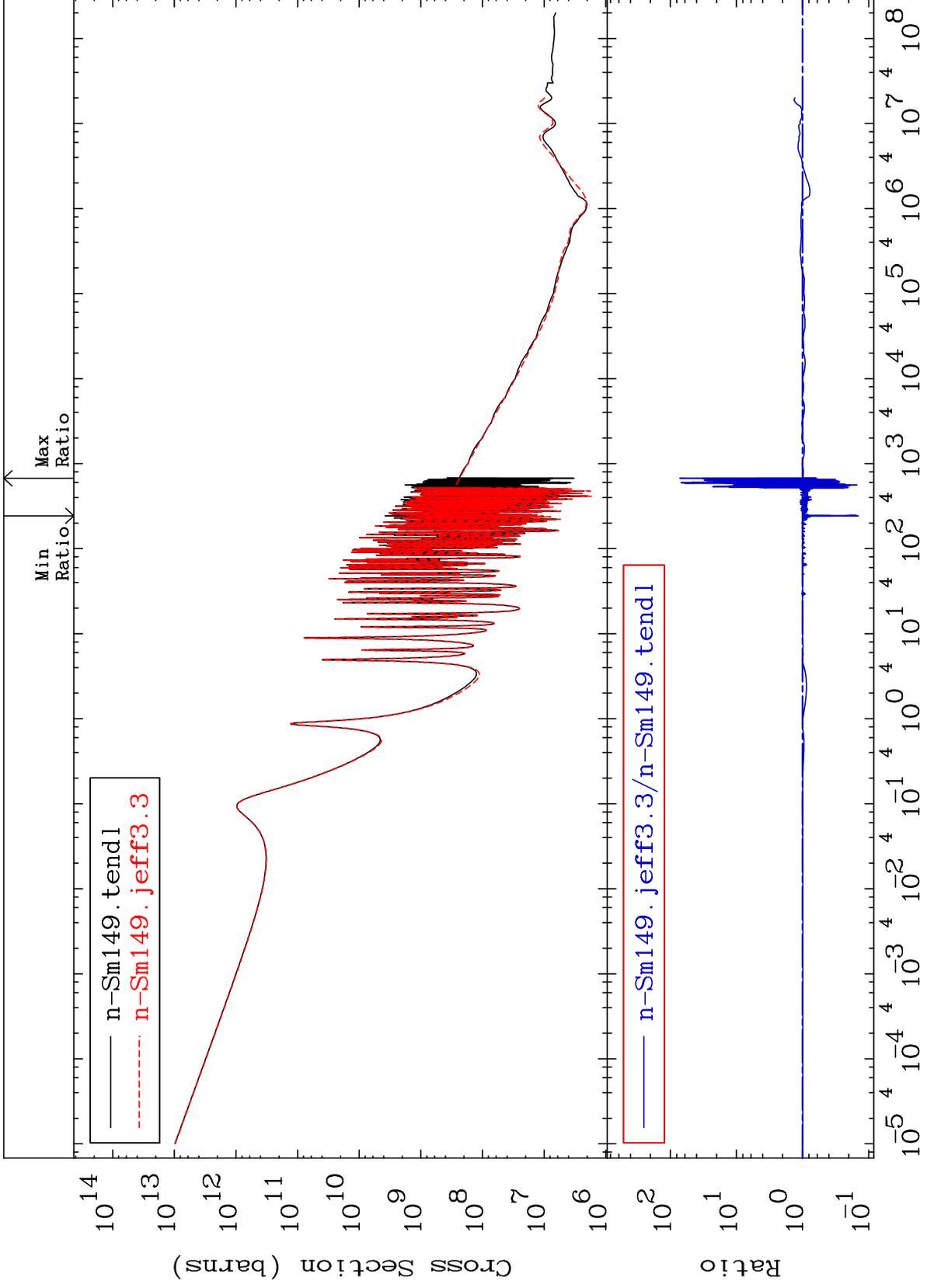
Incident Energy (eV)

62-Sm-149

MAT 6240

Total photon (eV-barns)
Cross Section

62-Sm-149
-85.77 To 7144. %



43

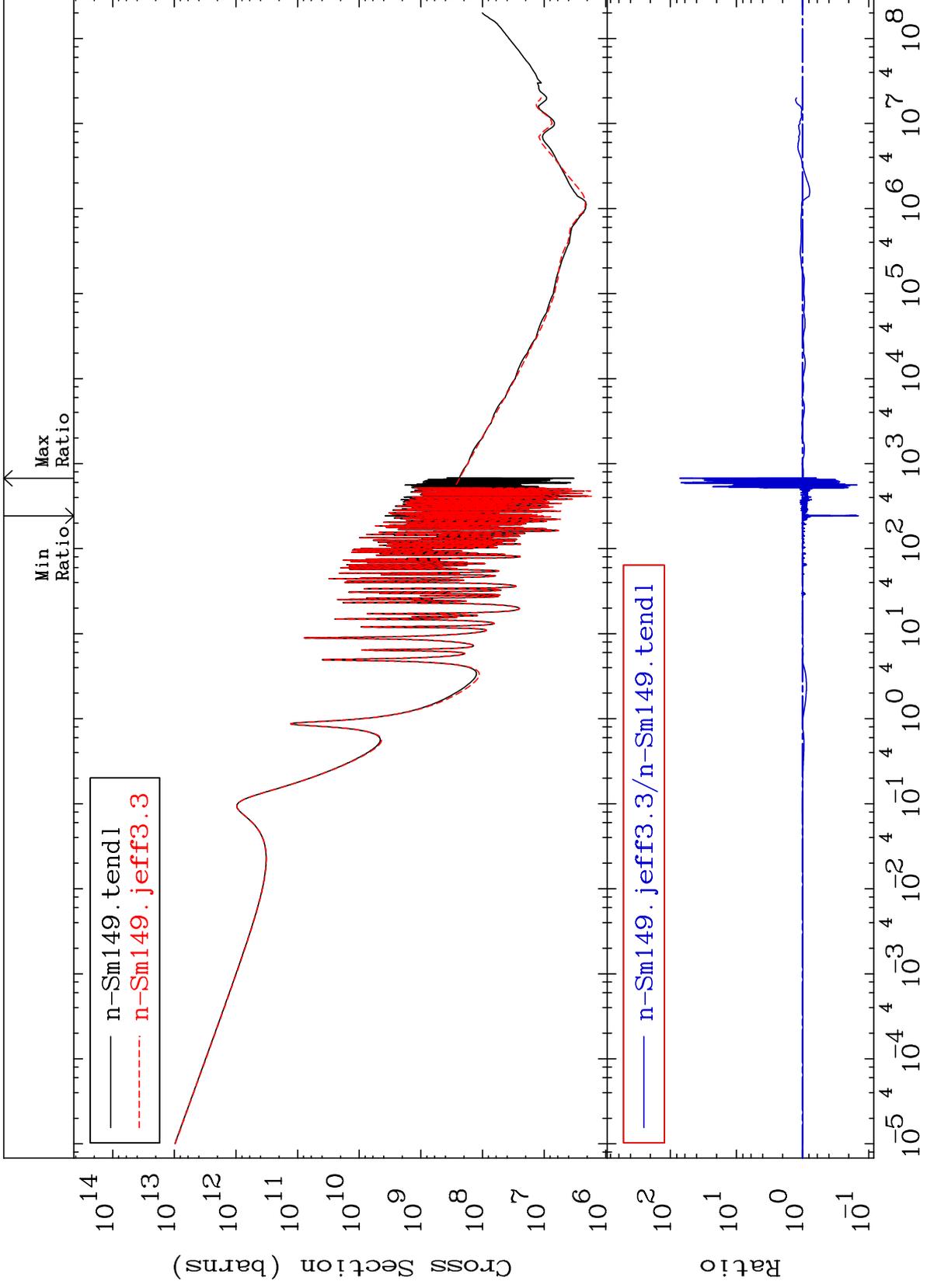
Incident Energy (eV)

62-Sm-149

MAT 6240

Total kinematic kerma (high limit)
Cross Section

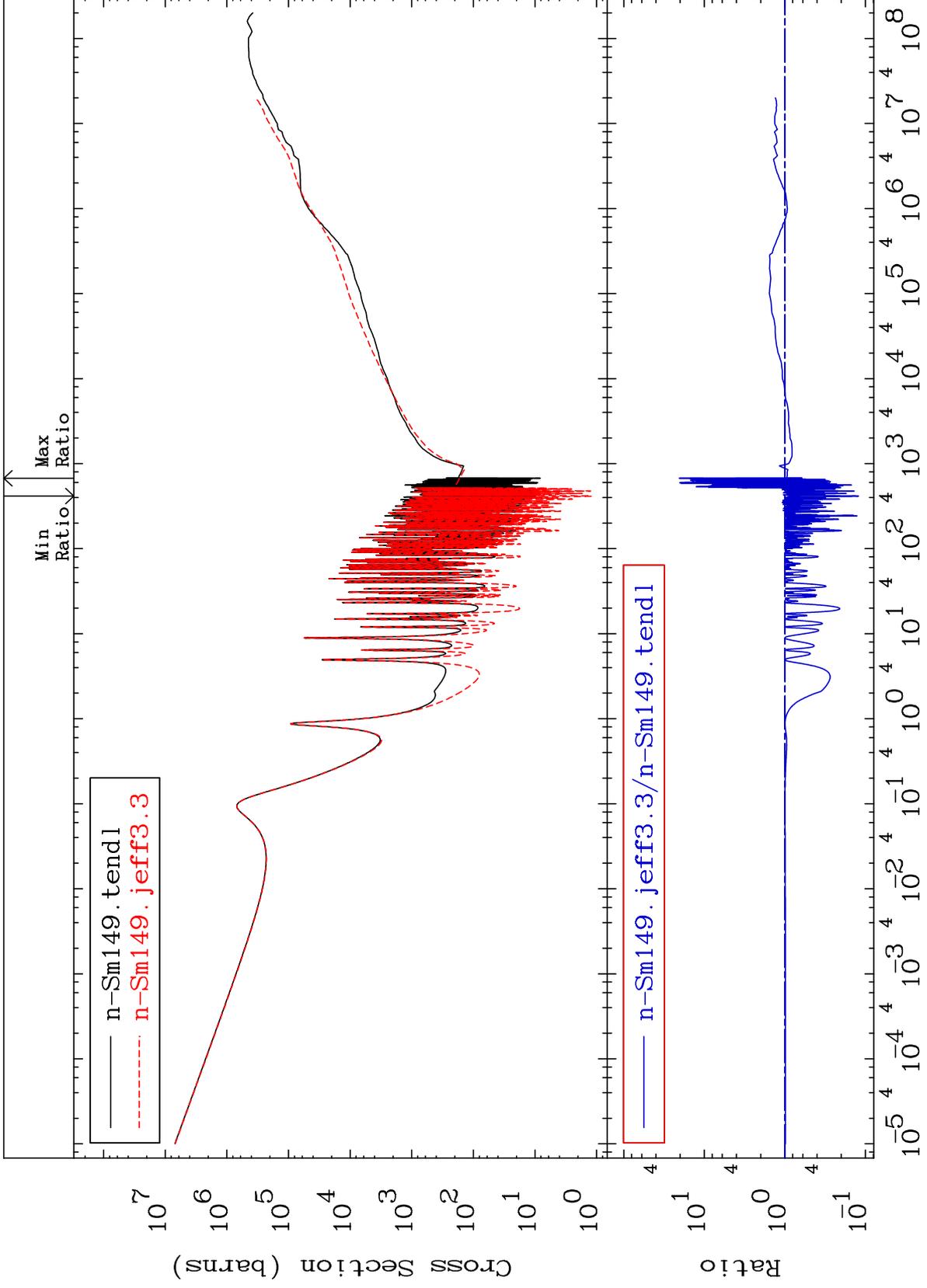
62-Sm-149
-85.77 To 7143. %



MAT 6240

Dpa total (eV-barns)
Cross Section

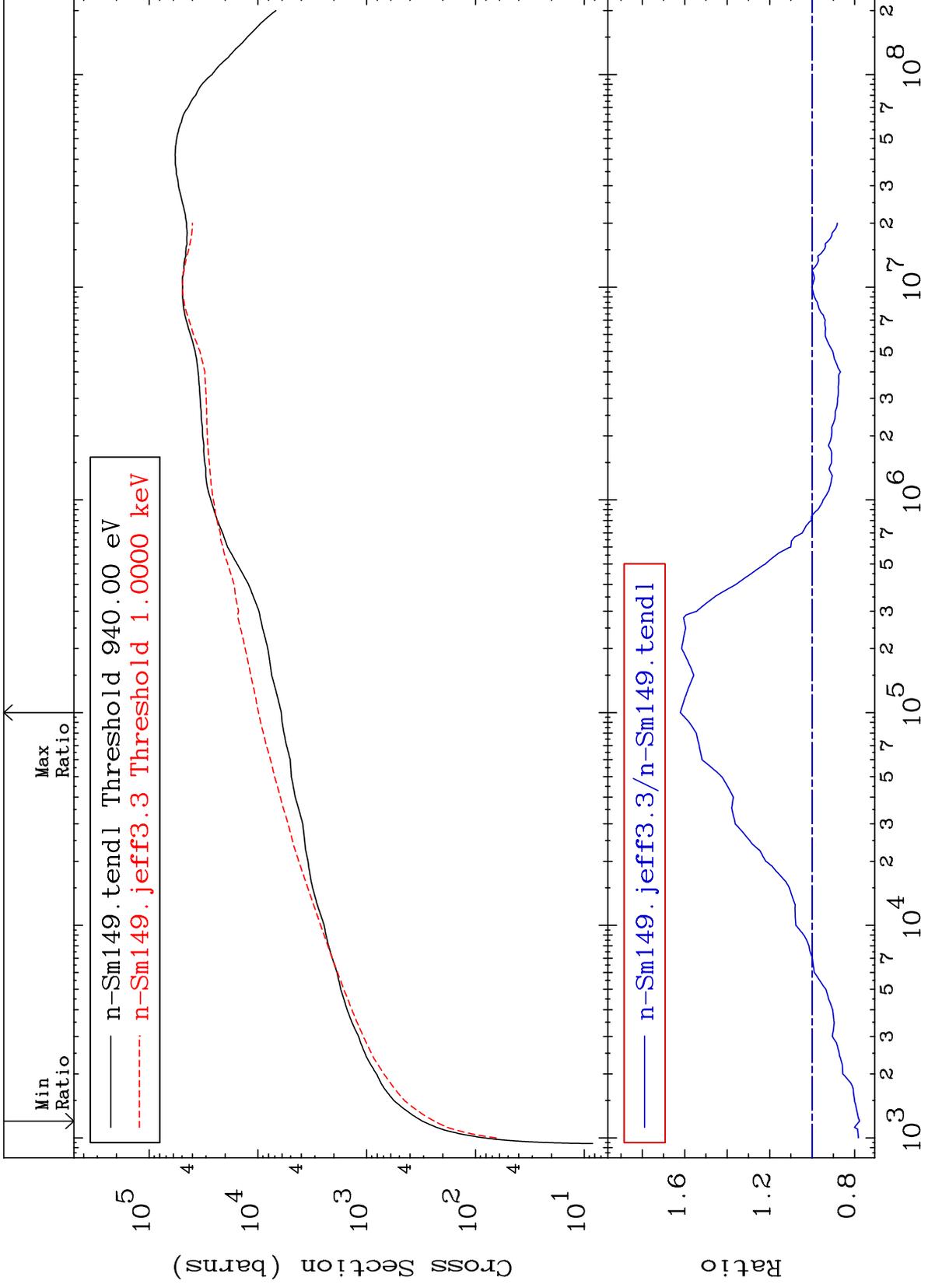
62-Sm-149
-87.80 To 1933. %



MAT 6240

Dpa elastic (mt2)
Cross Section

62-Sm-149
-22.30 To 62.11 %



46

Incident Energy (eV)

62-Sm-149

