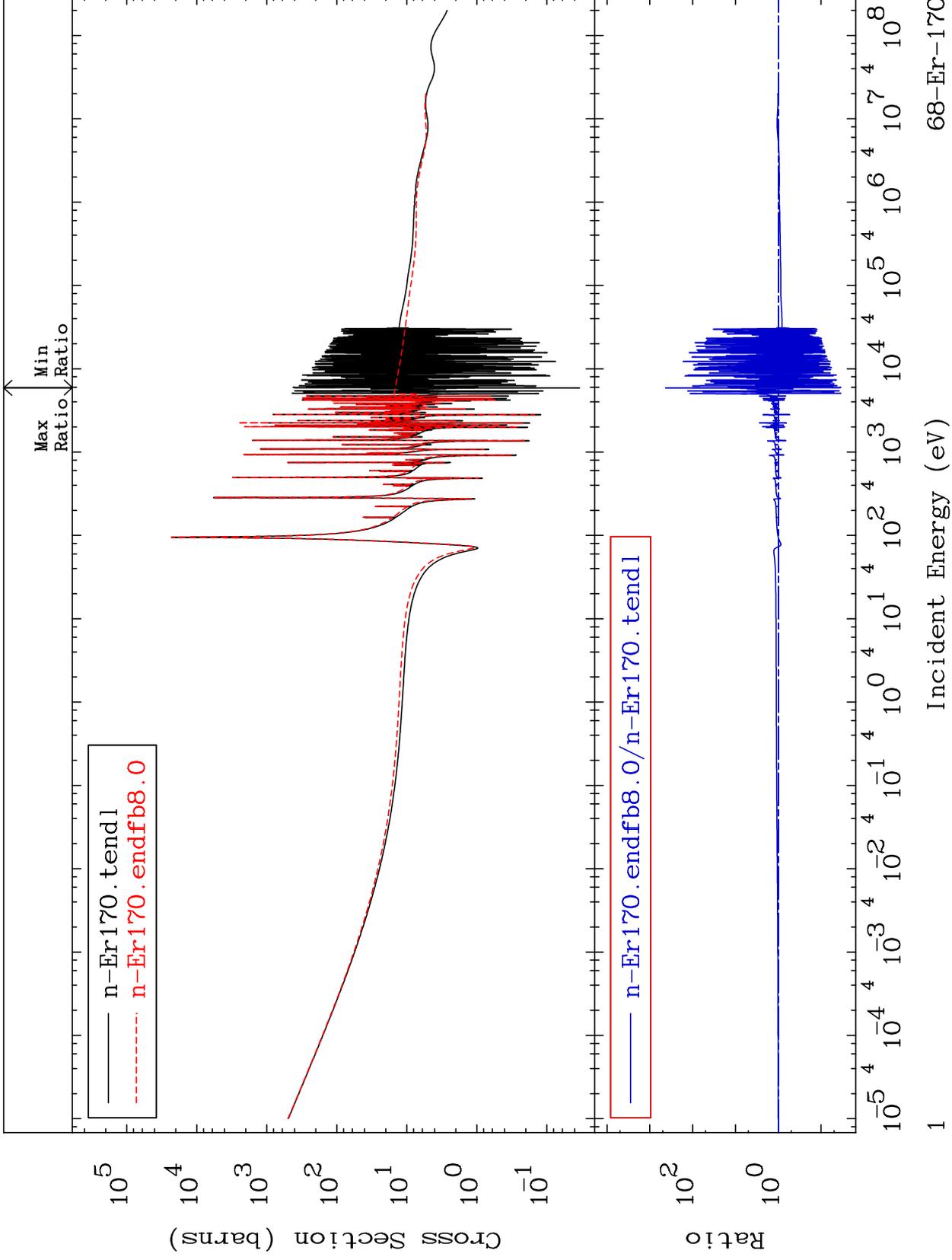


MAT 6849

Total
Cross Section

68-Er-170
-96.54 To 9999. %



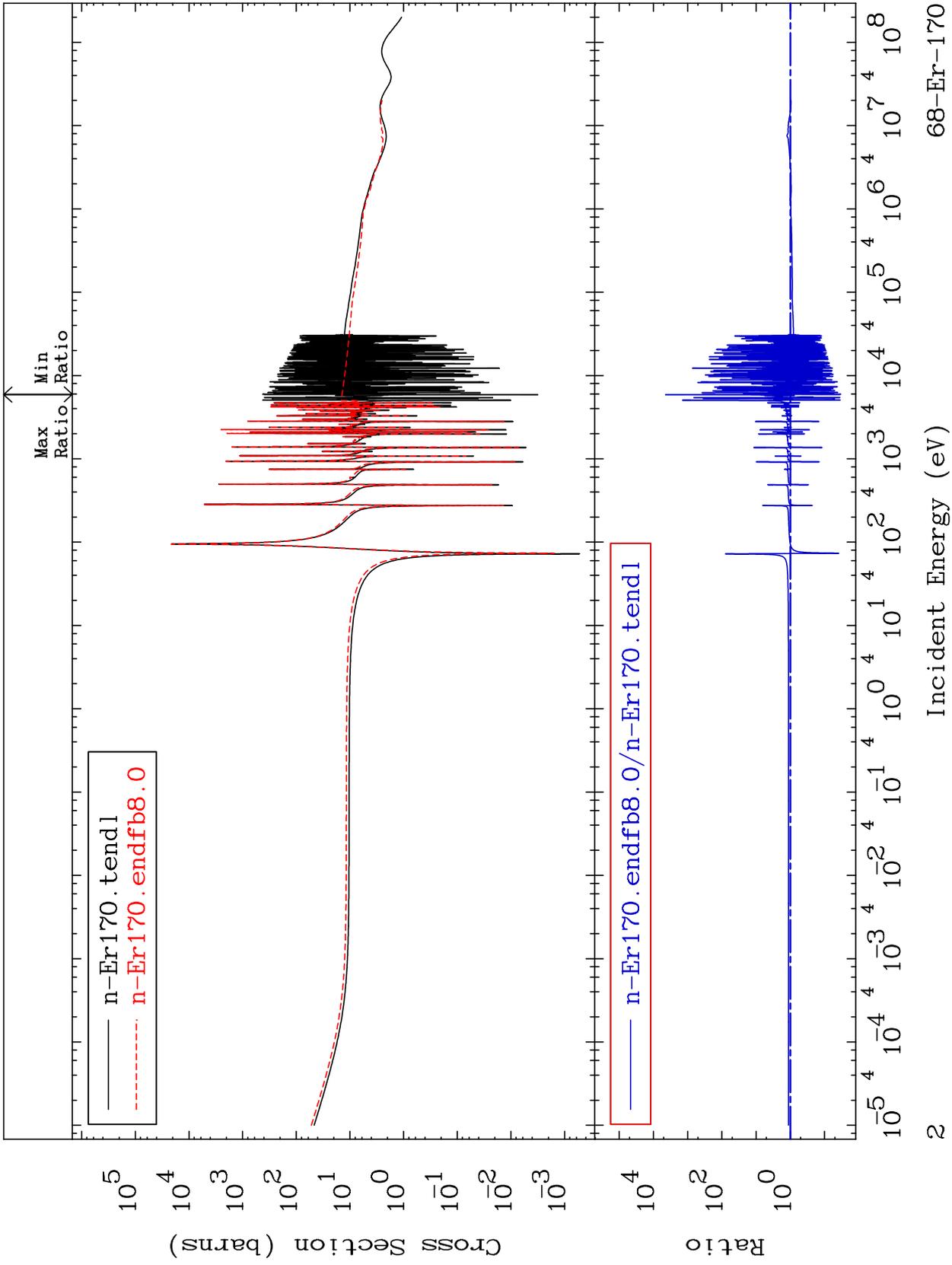
Incident Energy (eV)

68-Er-170

MAT 6849

Elastic
Cross Section

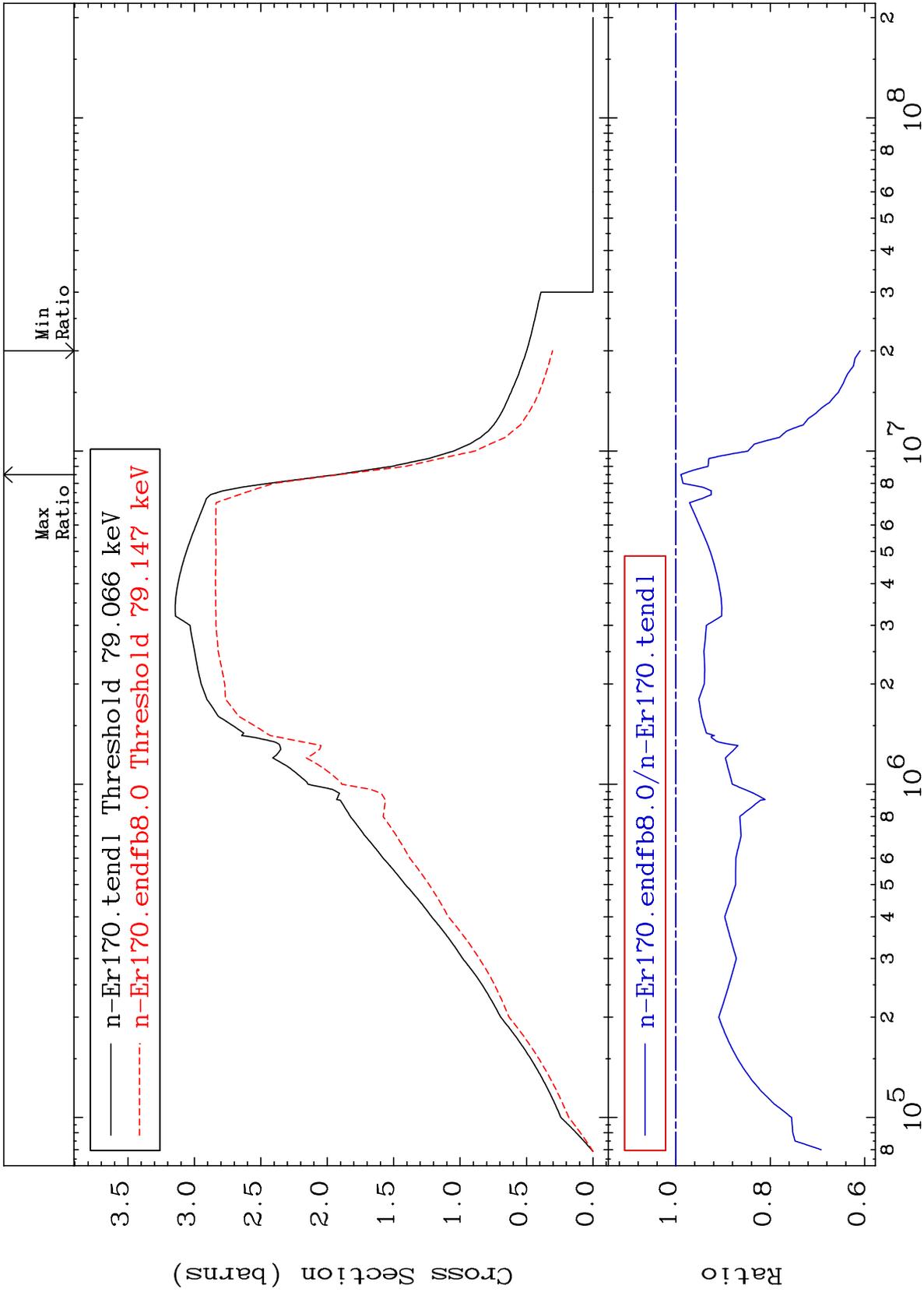
68-Er-170
-96.66 To 9999. %



MAT 6849

Inelastic
Cross Section

68-Er-170
-39.02 To -1.025%



3

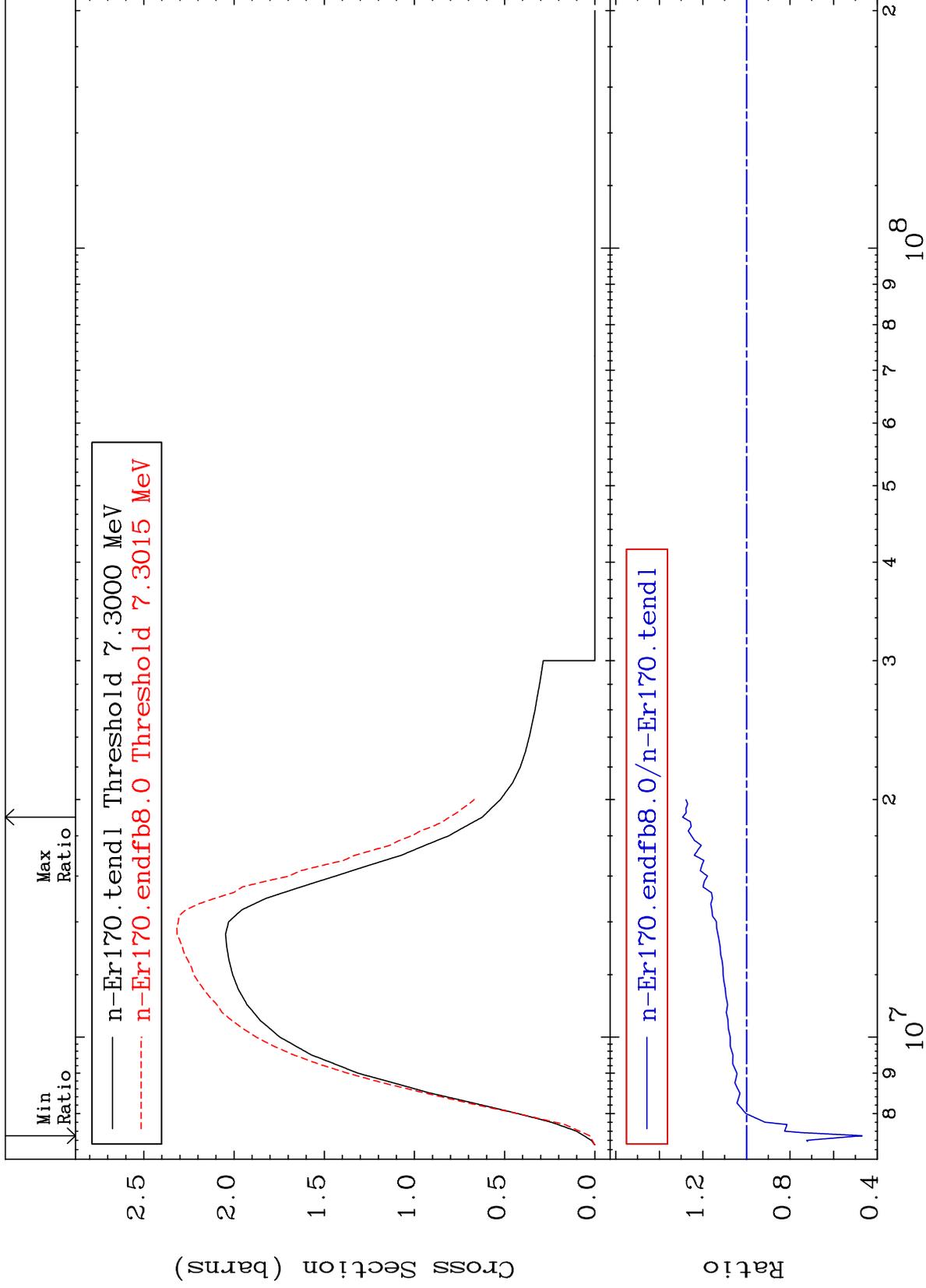
Incident Energy (eV)

68-Er-170

MAT 6849

(n,2n)
Cross Section

68-Er-170
-53.08 To 29.30 %



4

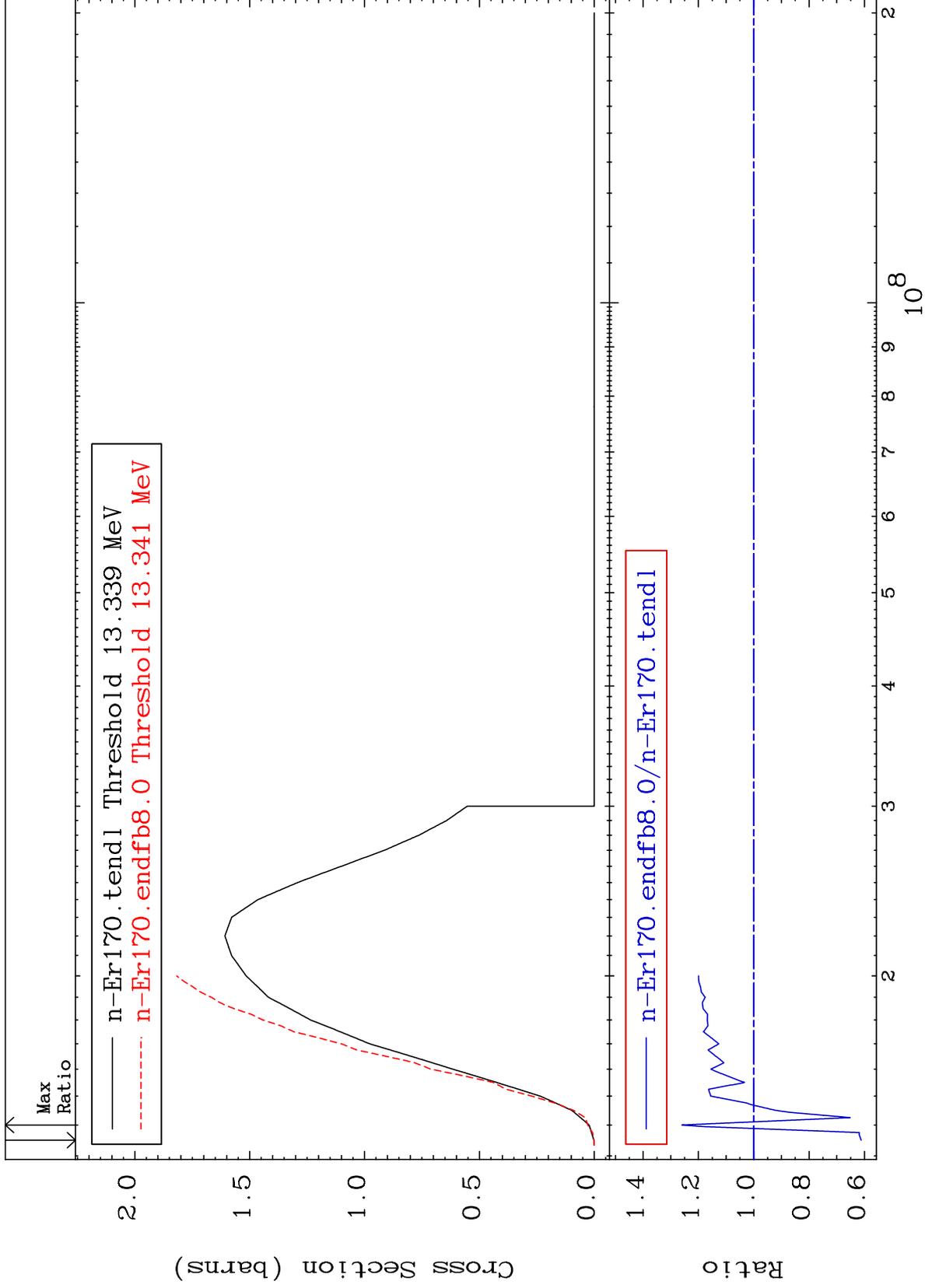
Incident Energy (eV)

68-Er-170

MAT 6849

(n,3n)
Cross Section

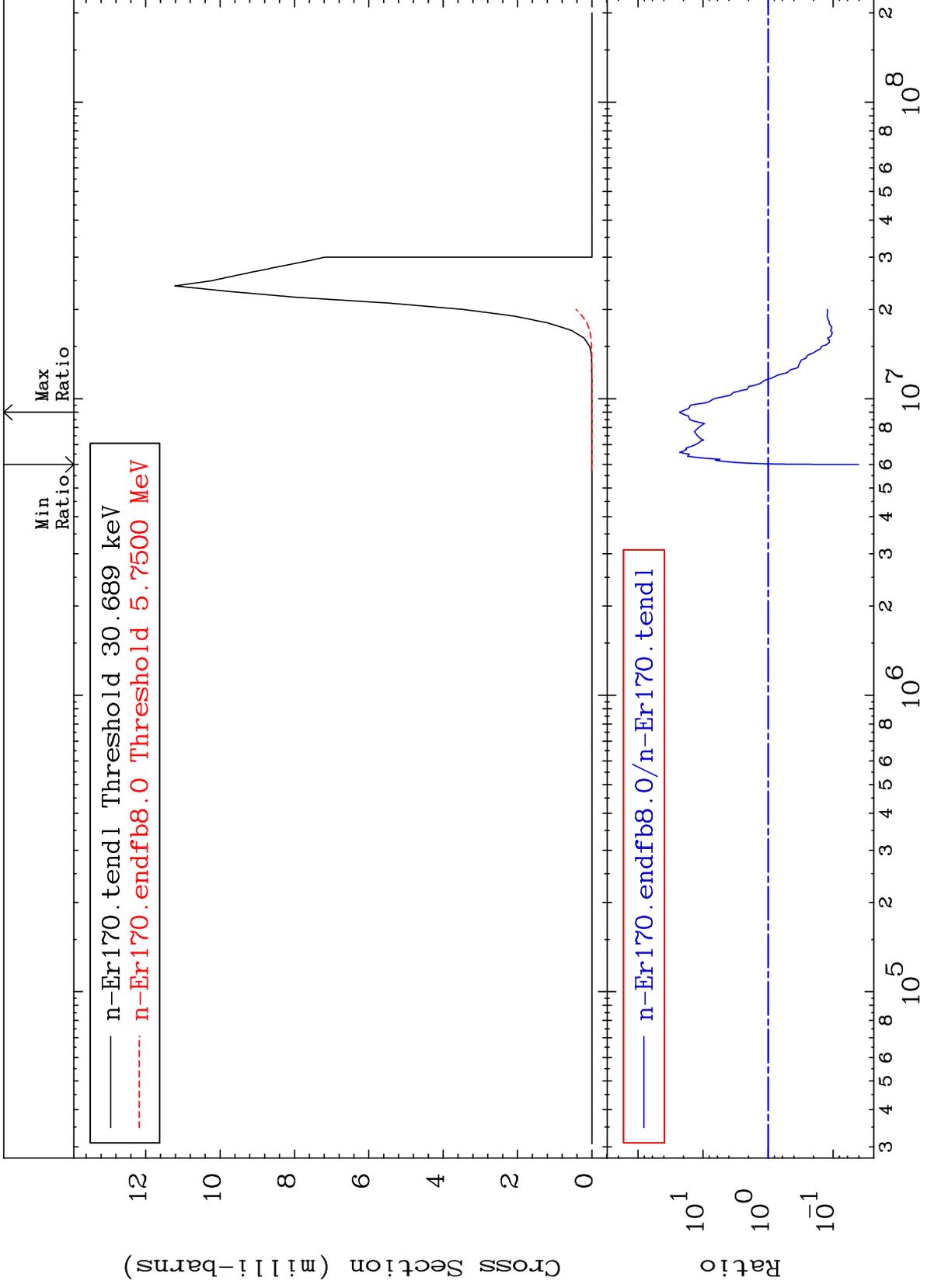
68-Er-170
-38.81 To 25.98 %



MAT 6849

$(n, n') \alpha$
Cross Section

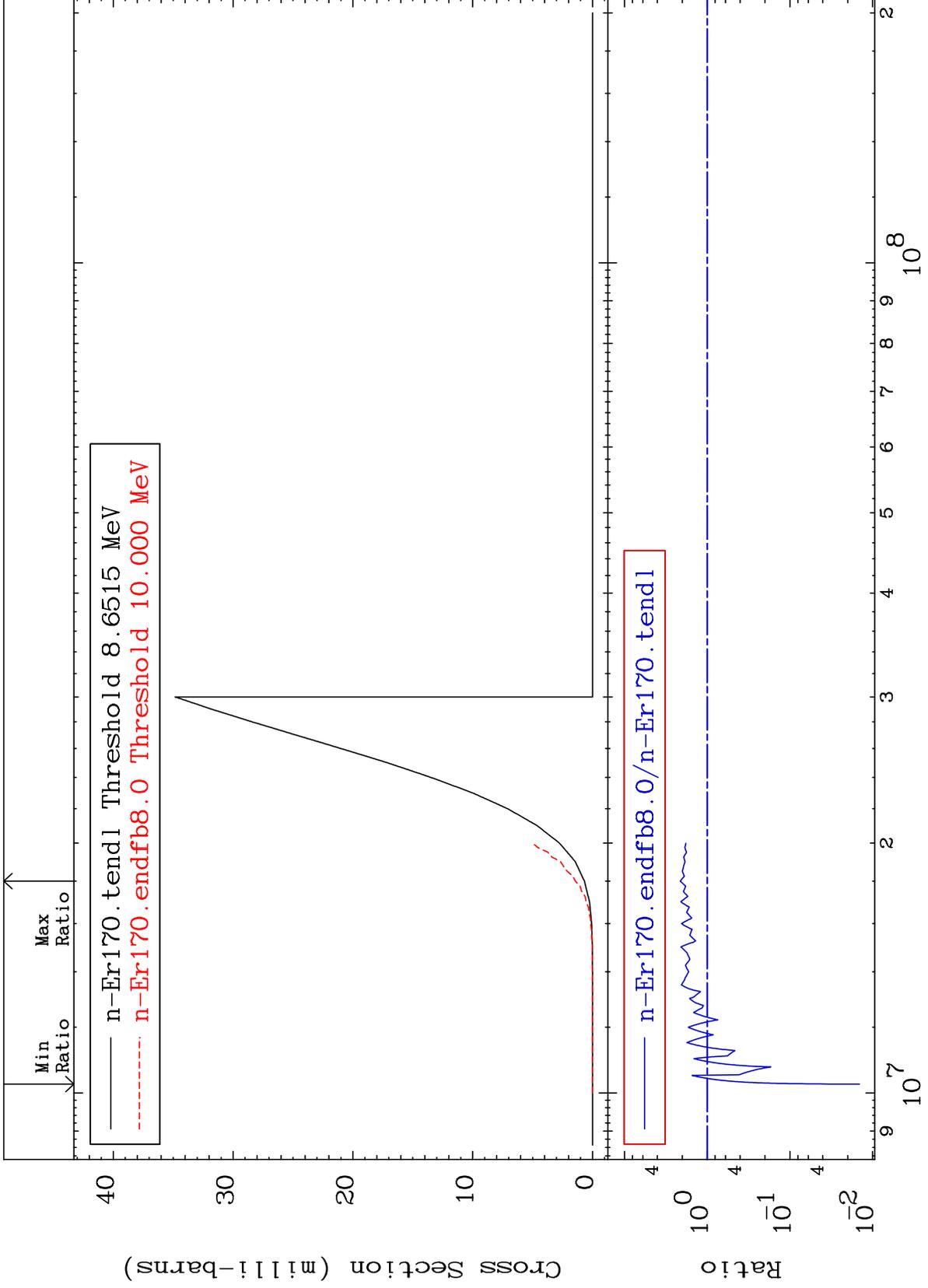
68-Er-170
-95.95 To 2191. %



MAT 6849

(n, n') p
Cross Section

68-Er-170
-98.56 To 111.3 %



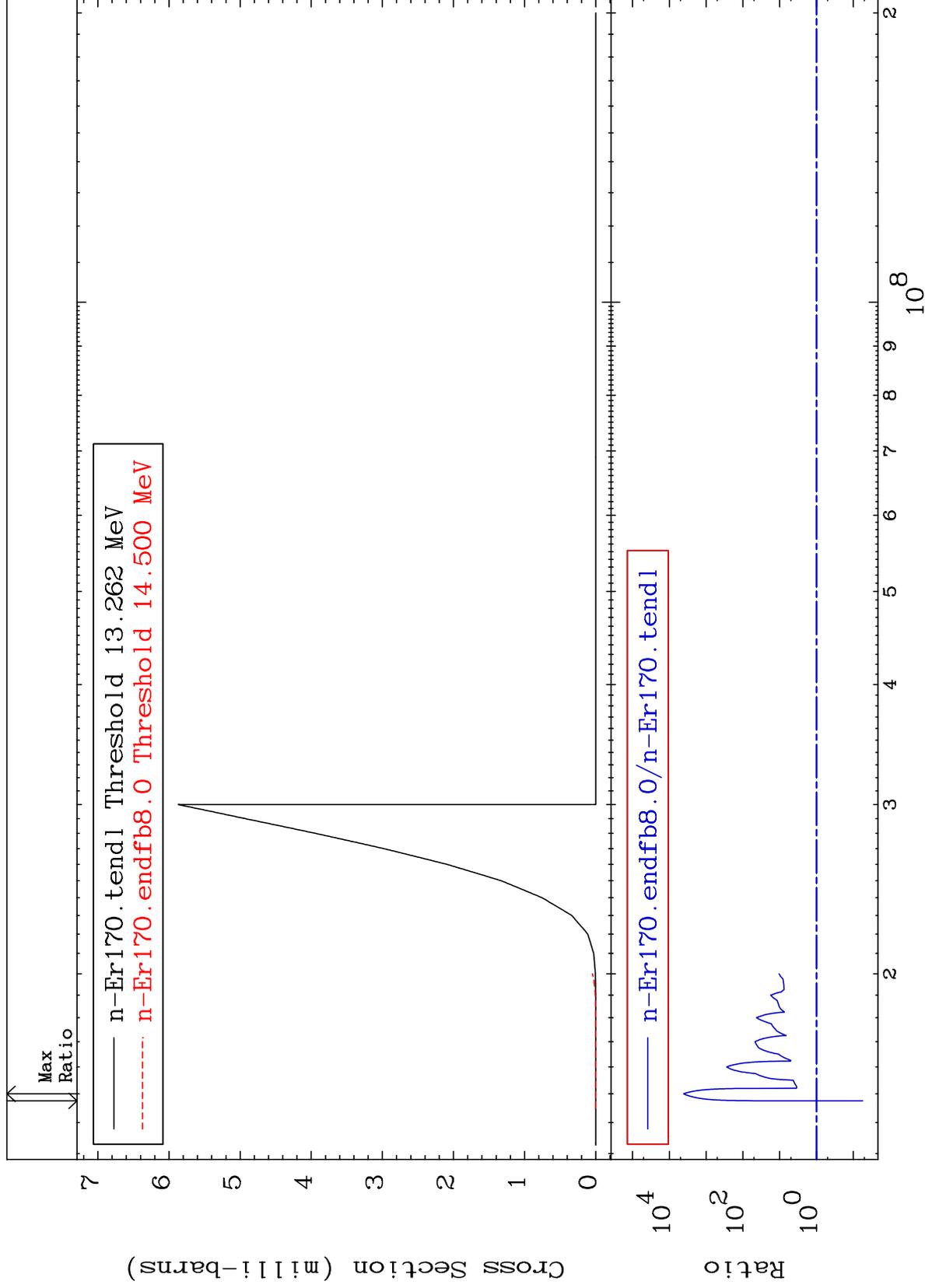
68-Er-170

7

MAT 6849

(n,n') d
Cross Section

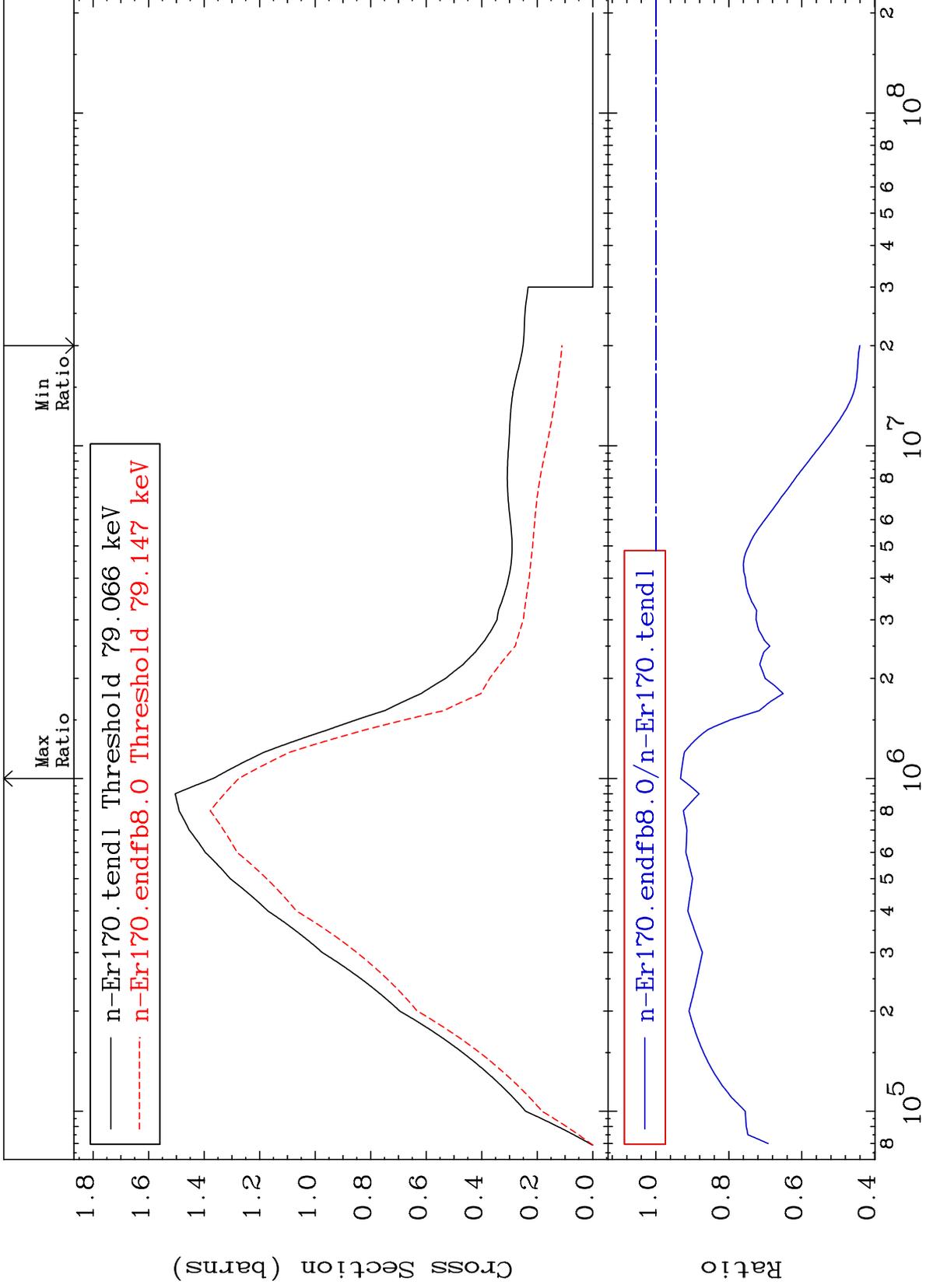
68-Er-170
-94.44 To 9999. %



MAT 6849

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

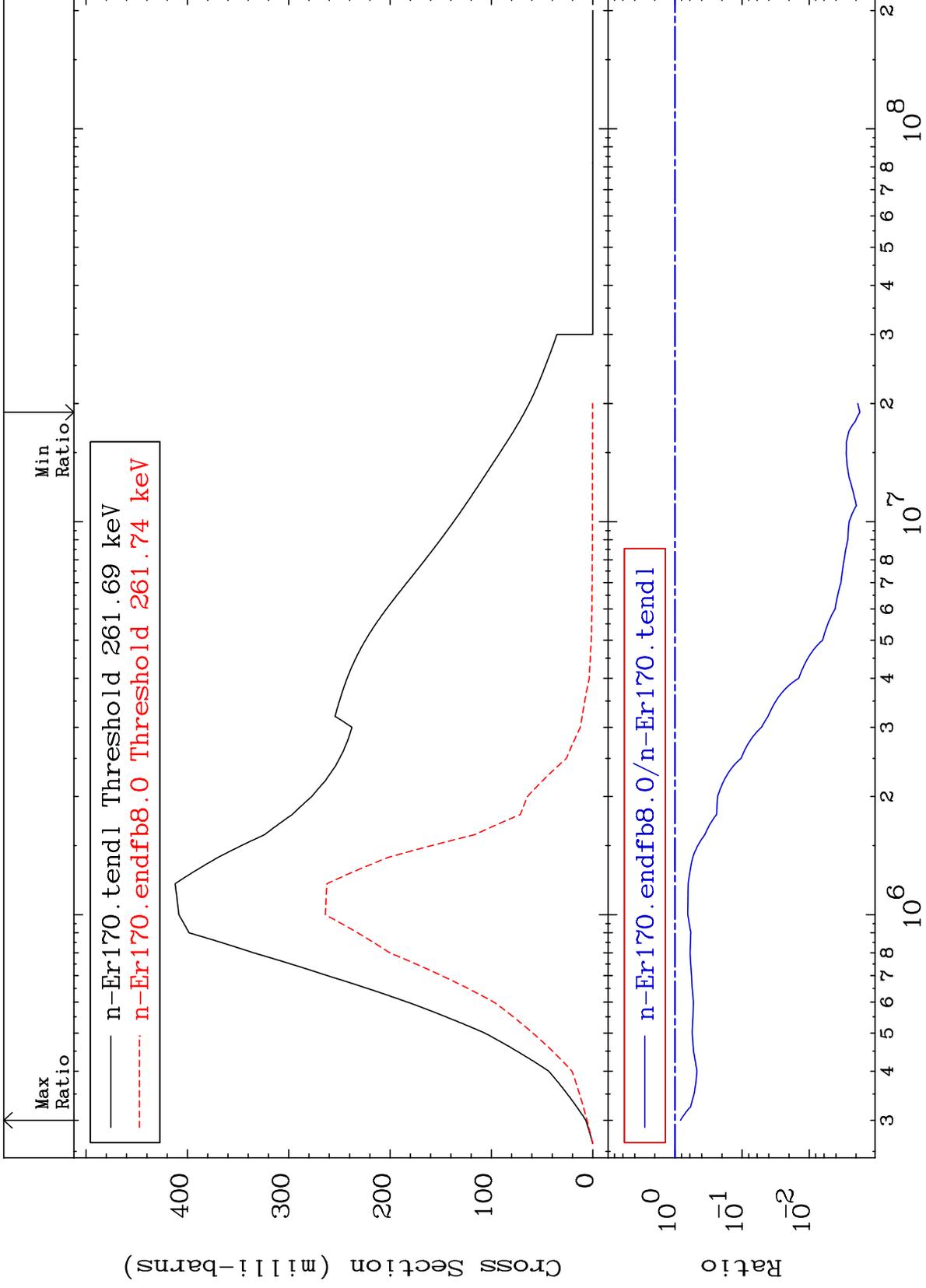
68-Er-170
-55.92 To -6.749%



MAT 6849

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

68-Er-170
-99.82 To -17.05%



10

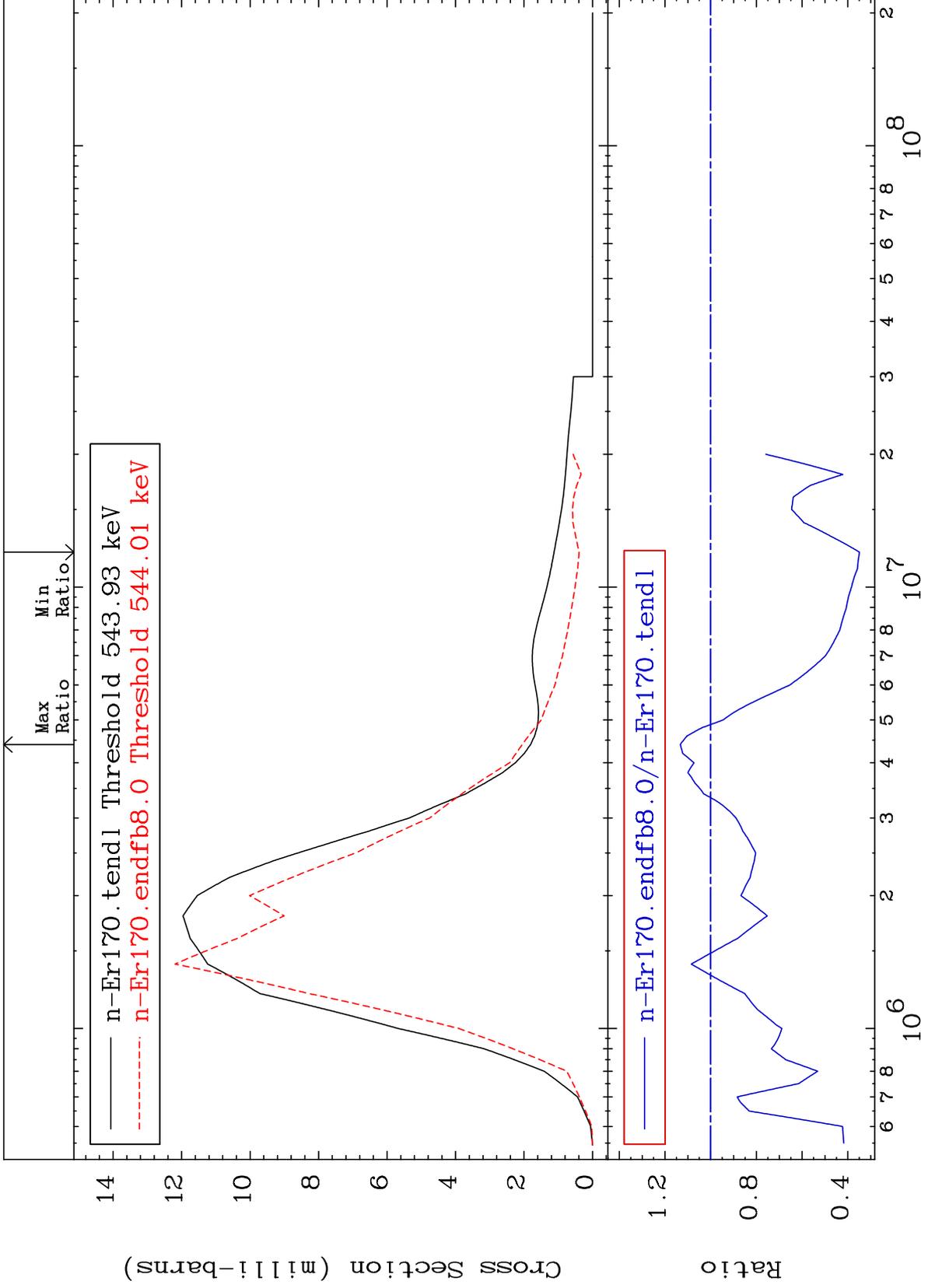
Incident Energy (eV)

68-Er-170

MAT 6849

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

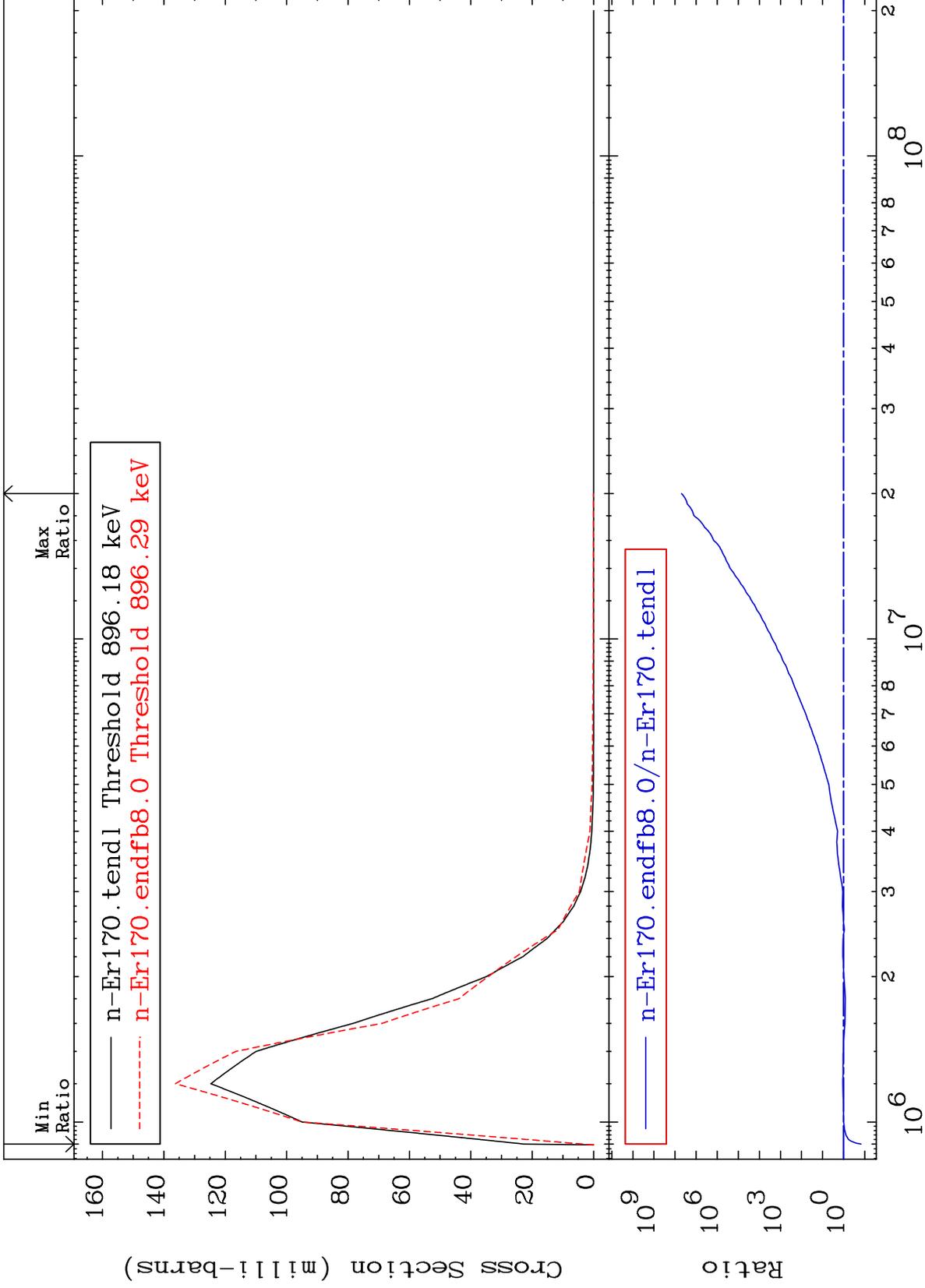
68-Er-170
-65.07 To 13.33 %



MAT 6849

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

68-Er-170
-84.93 To 9999. %



12

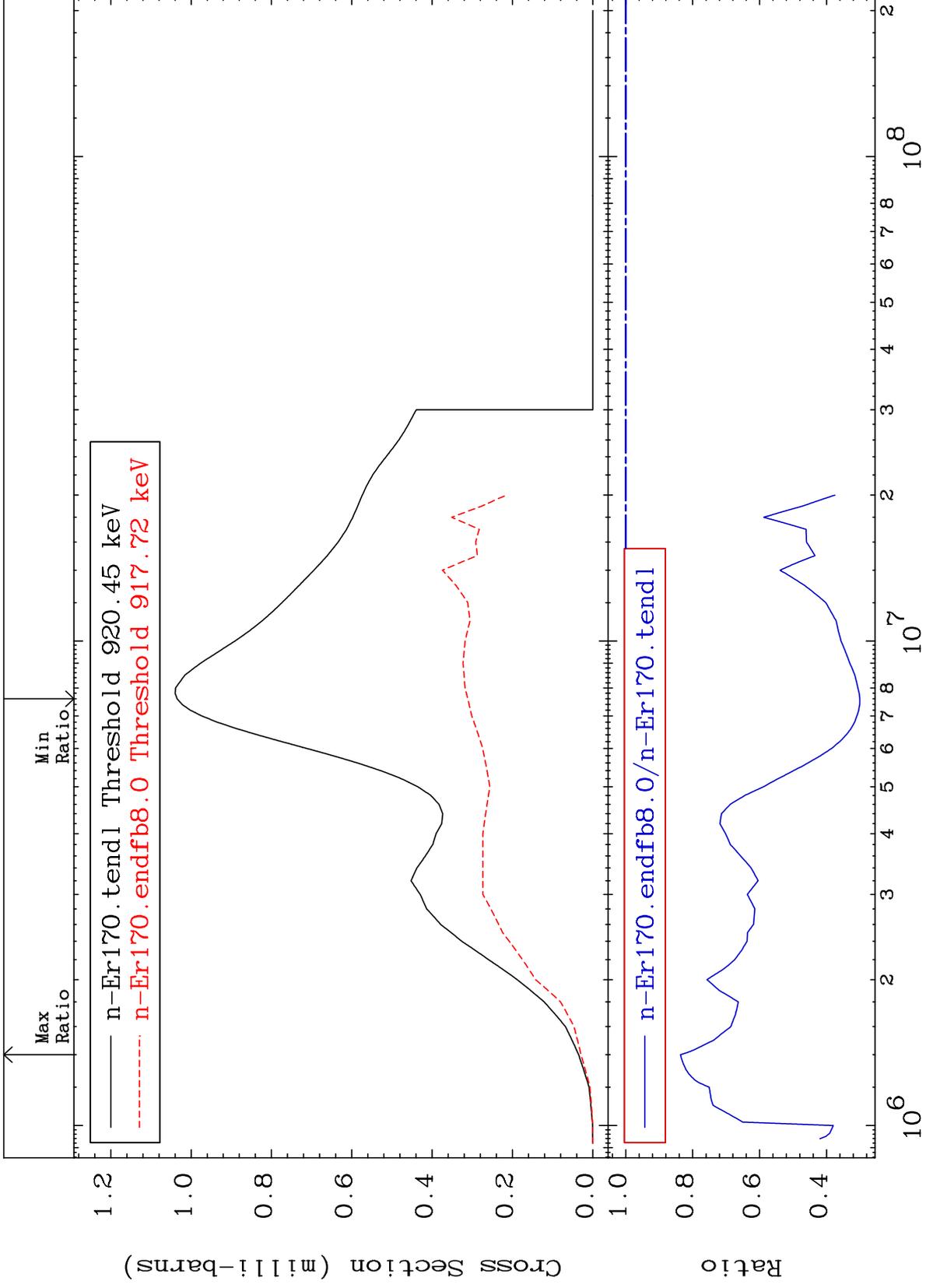
Incident Energy (eV)

68-Er-170

MAT 6849

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

68-Er-170
-69.92 To -16.37%



13

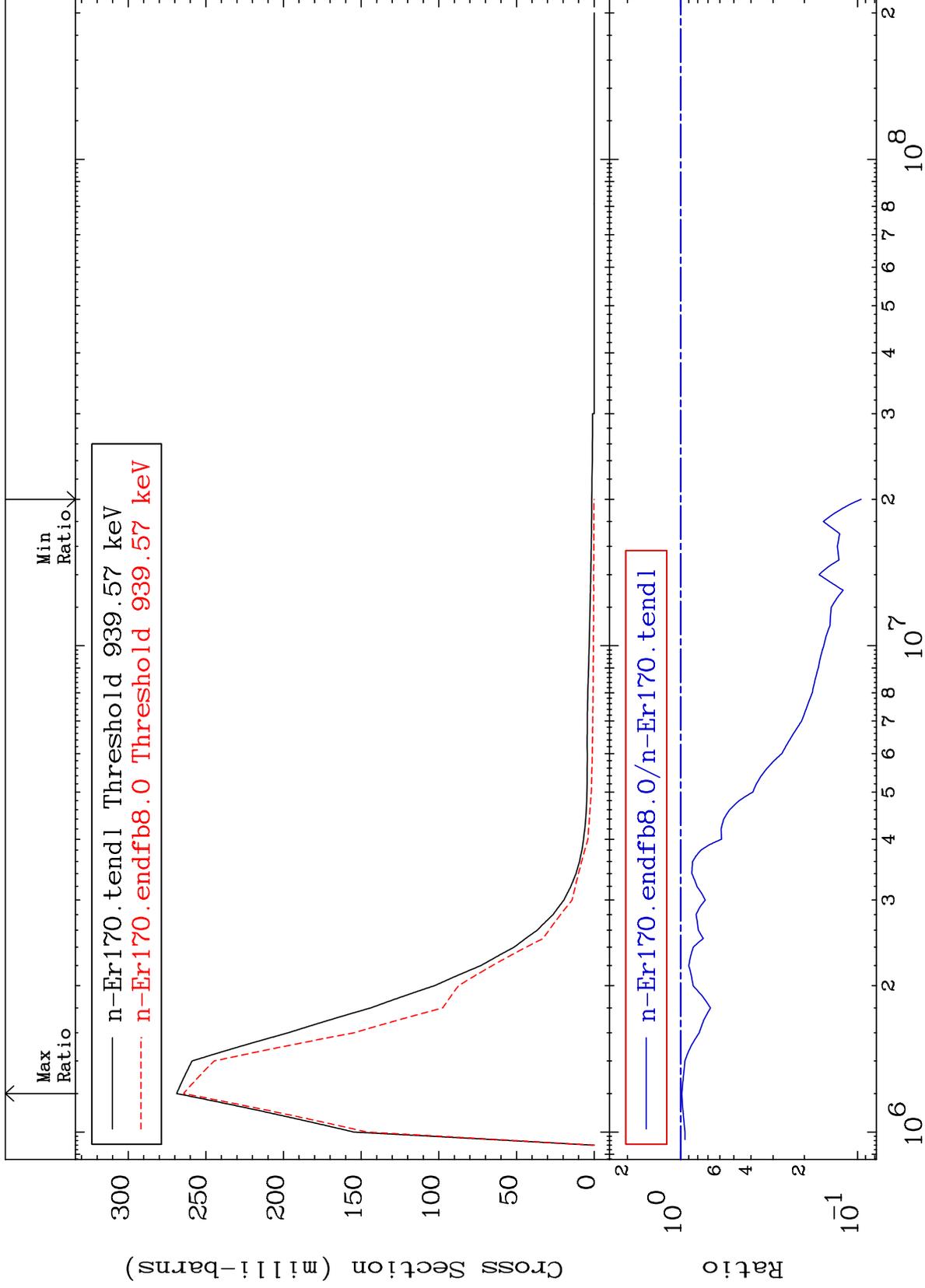
68-Er-170

68-Er-170

MAT 6849

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

68-Er-170
-90.46 To -1.648%



14

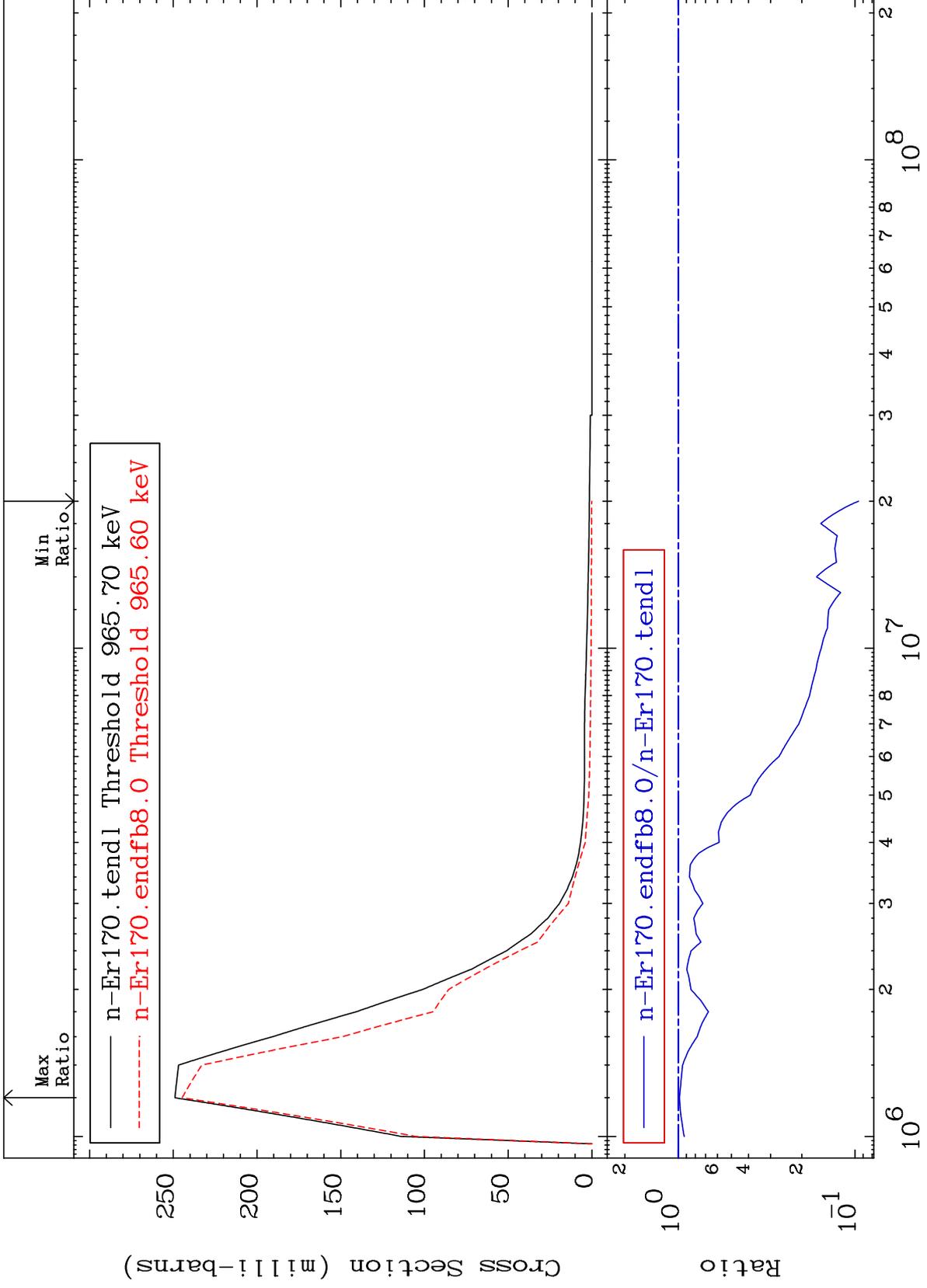
Incident Energy (eV)

68-Er-170

MAT 6849

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

68-Er-170
-90.46 To -1.745%



Incident Energy (eV)

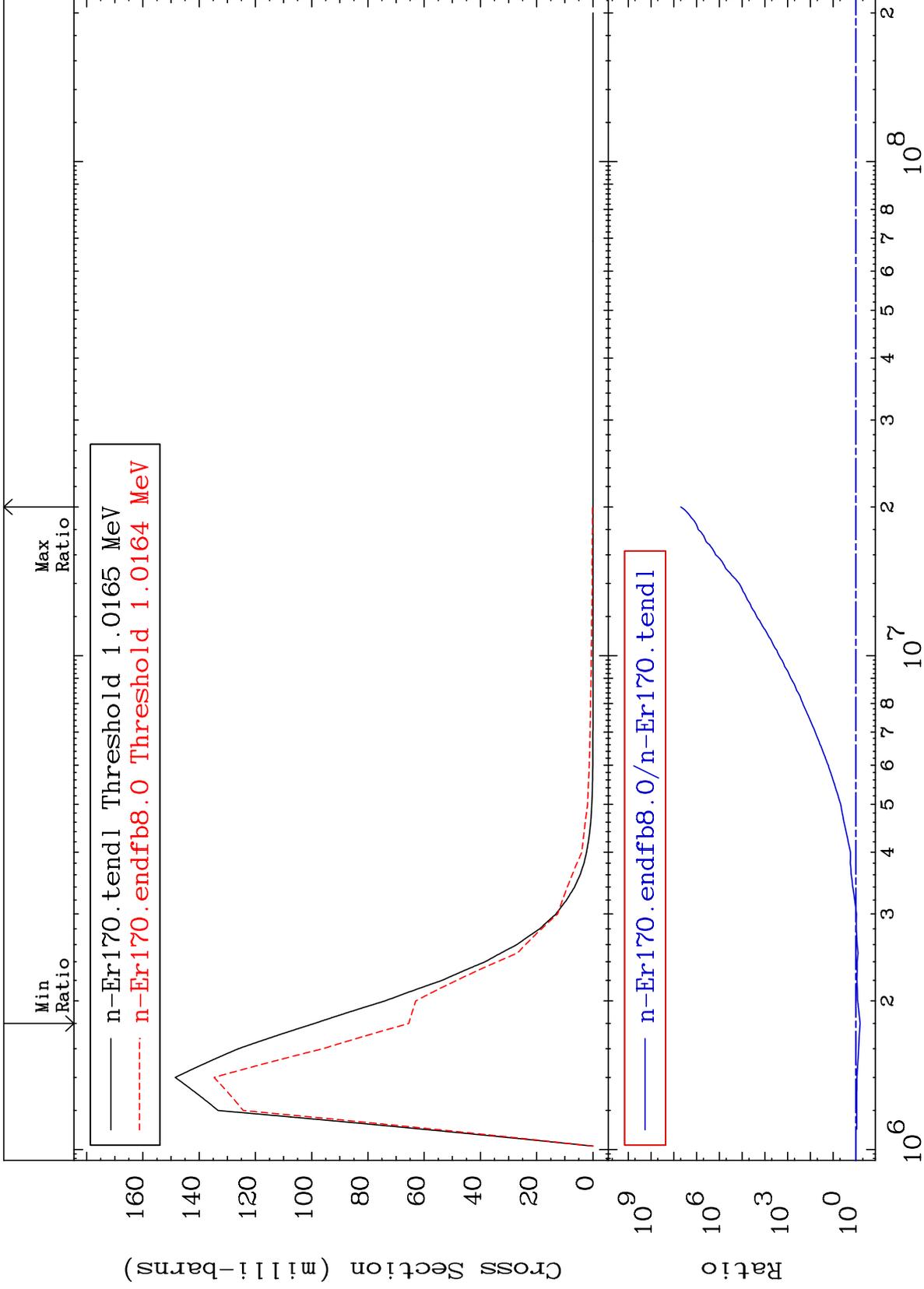
15

68-Er-170

MAT 6849

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

68-Er-170
-33.90 To 9999. %



16

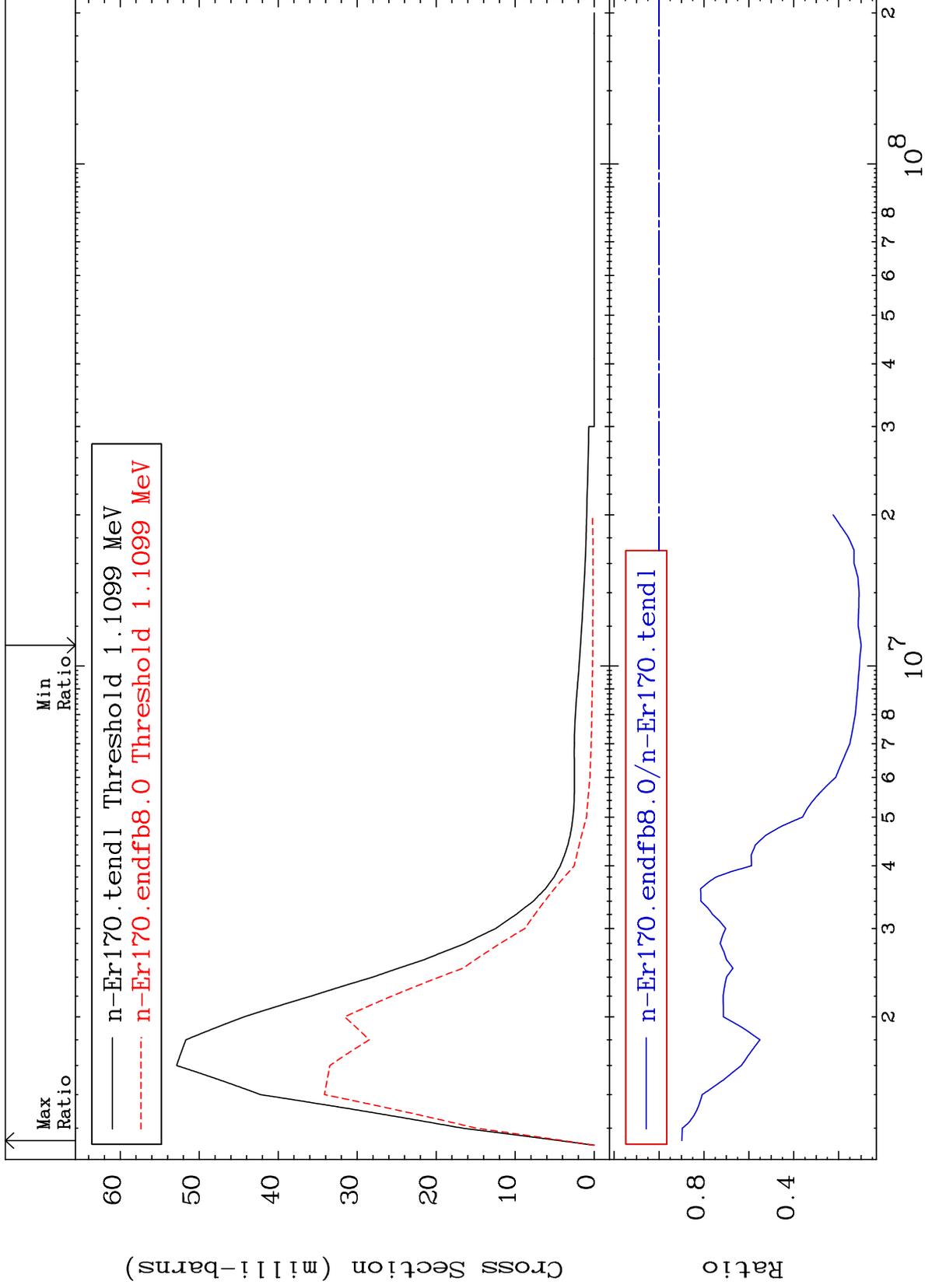
Incident Energy (eV)

68-Er-170

MAT 6849

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

68-Er-170
-90.02 To -10.19%



17

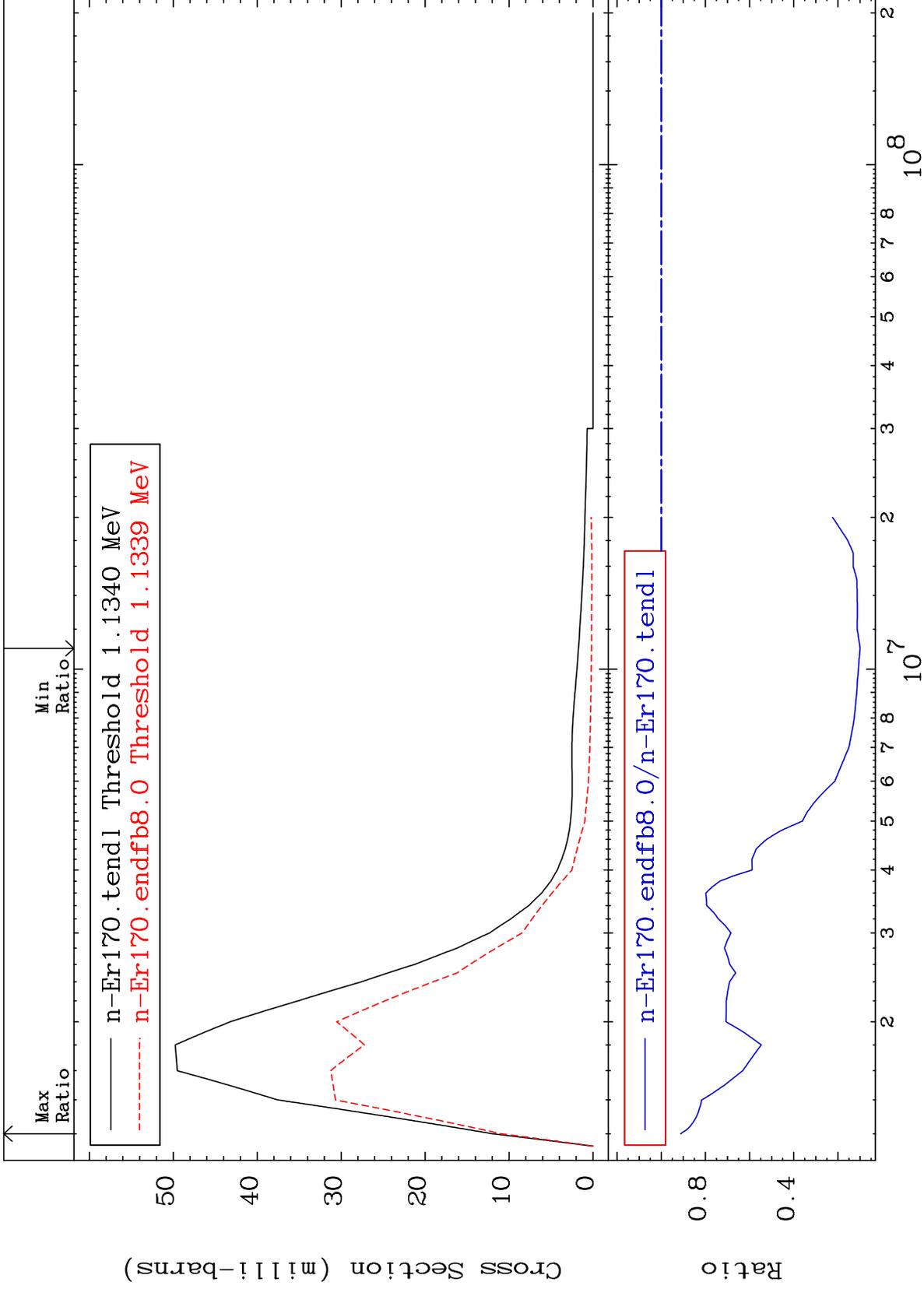
Incident Energy (eV)

68-Er-170

MAT 6849

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

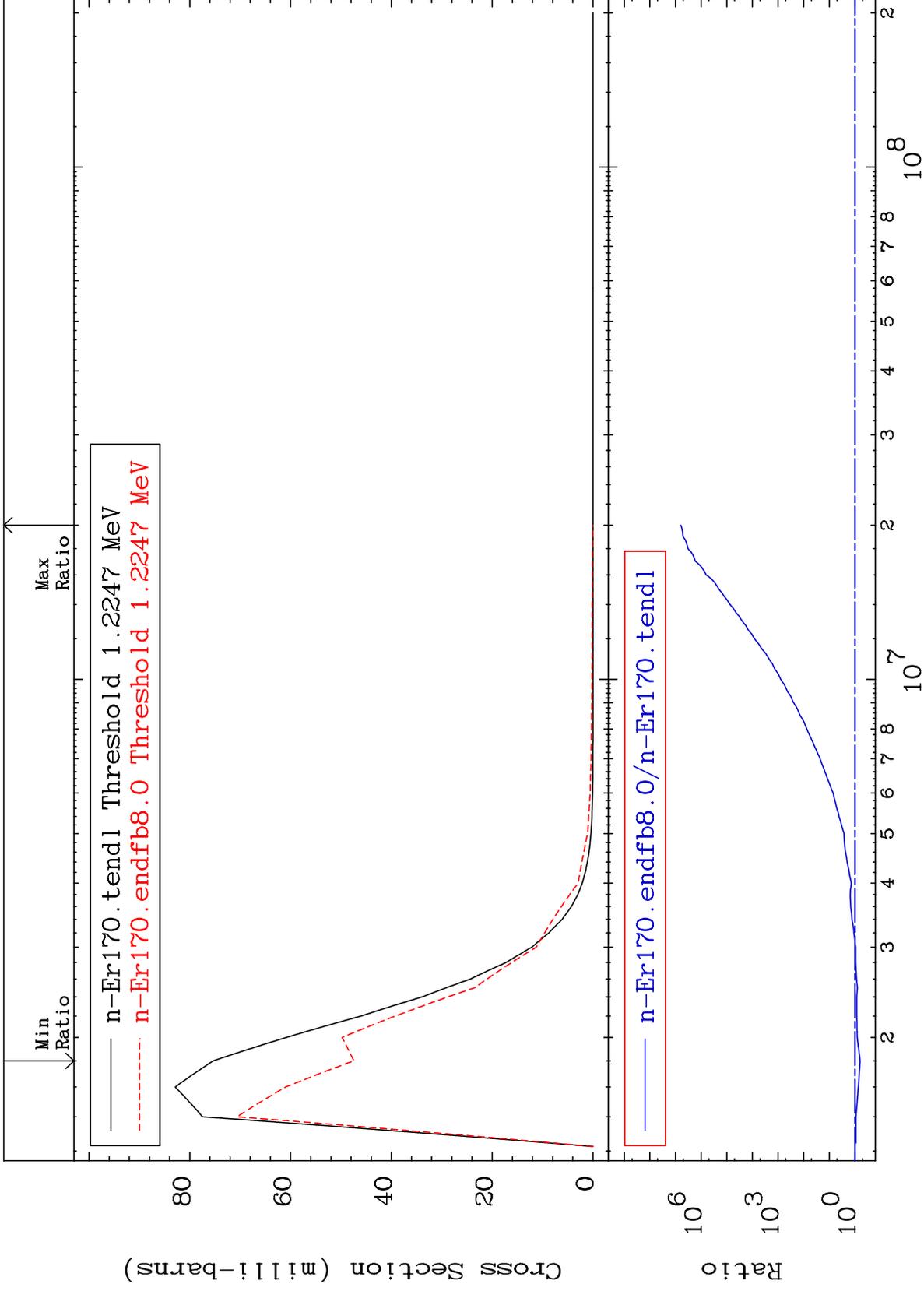
68-Er-170
-90.02 To -8.845%



MAT 6849

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

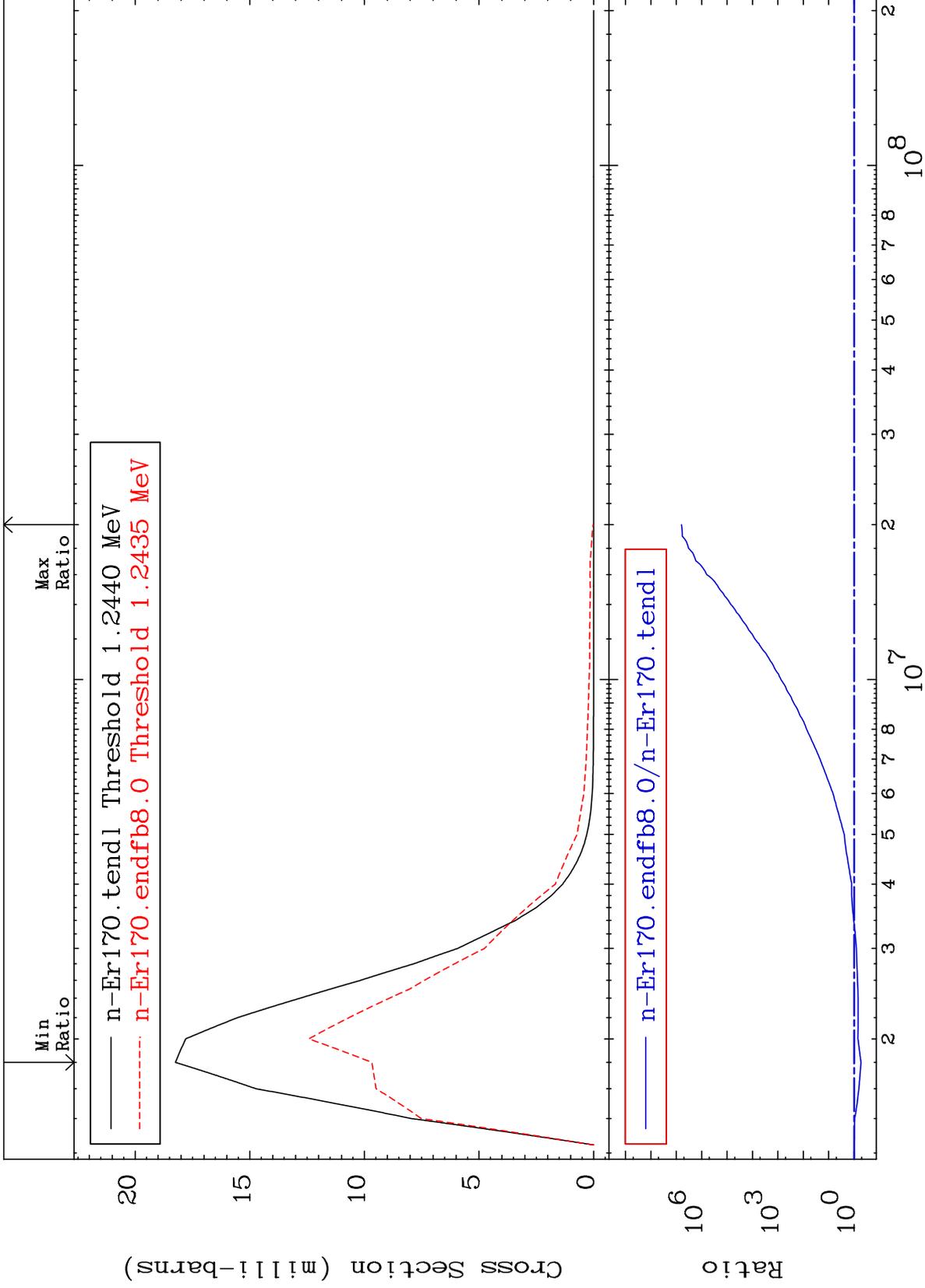
68-Er-170
-37.03 To 9999. %



MAT 6849

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

68-Er-170
-46.98 To 9999. %



20

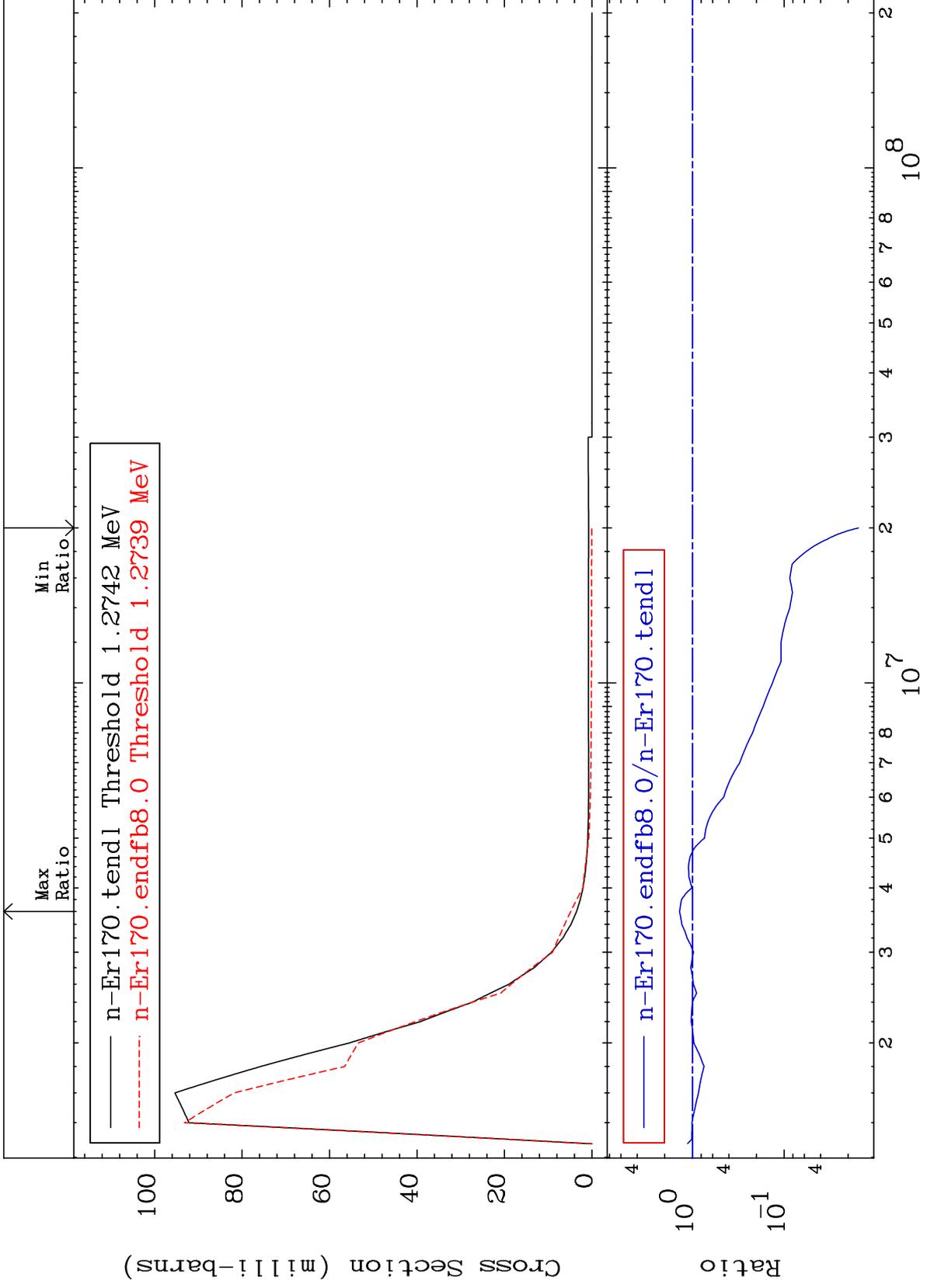
Incident Energy (eV)

68-Er-170

MAT 6849

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

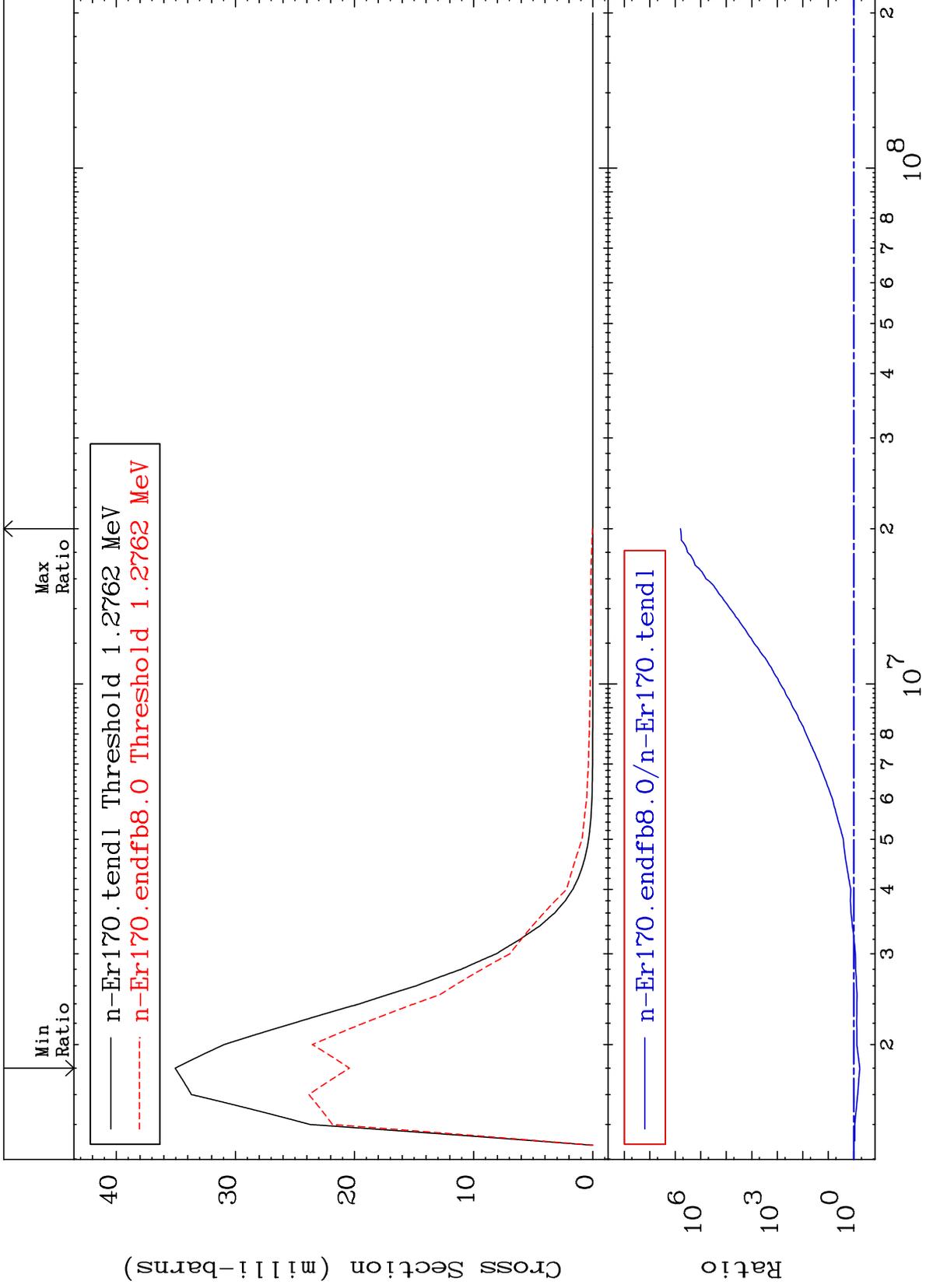
68-Er-170
-98.46 To 38.02 %



MAT 6849

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

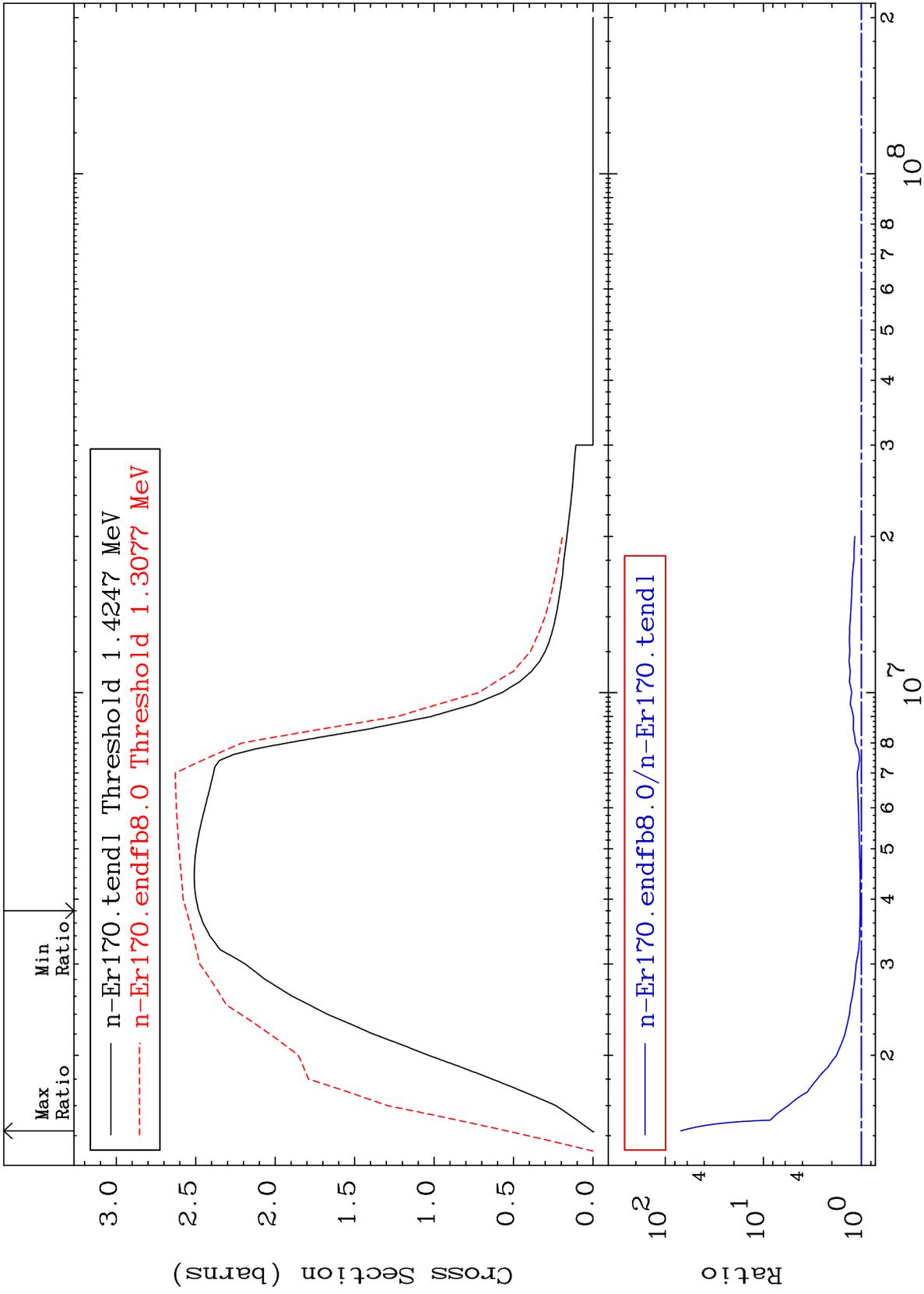
68-Er-170
-41.74 To 9999. %



MAT 6849

(n, n') Continuum
Cross Section

68-Er-170
3.079 To 6864. %



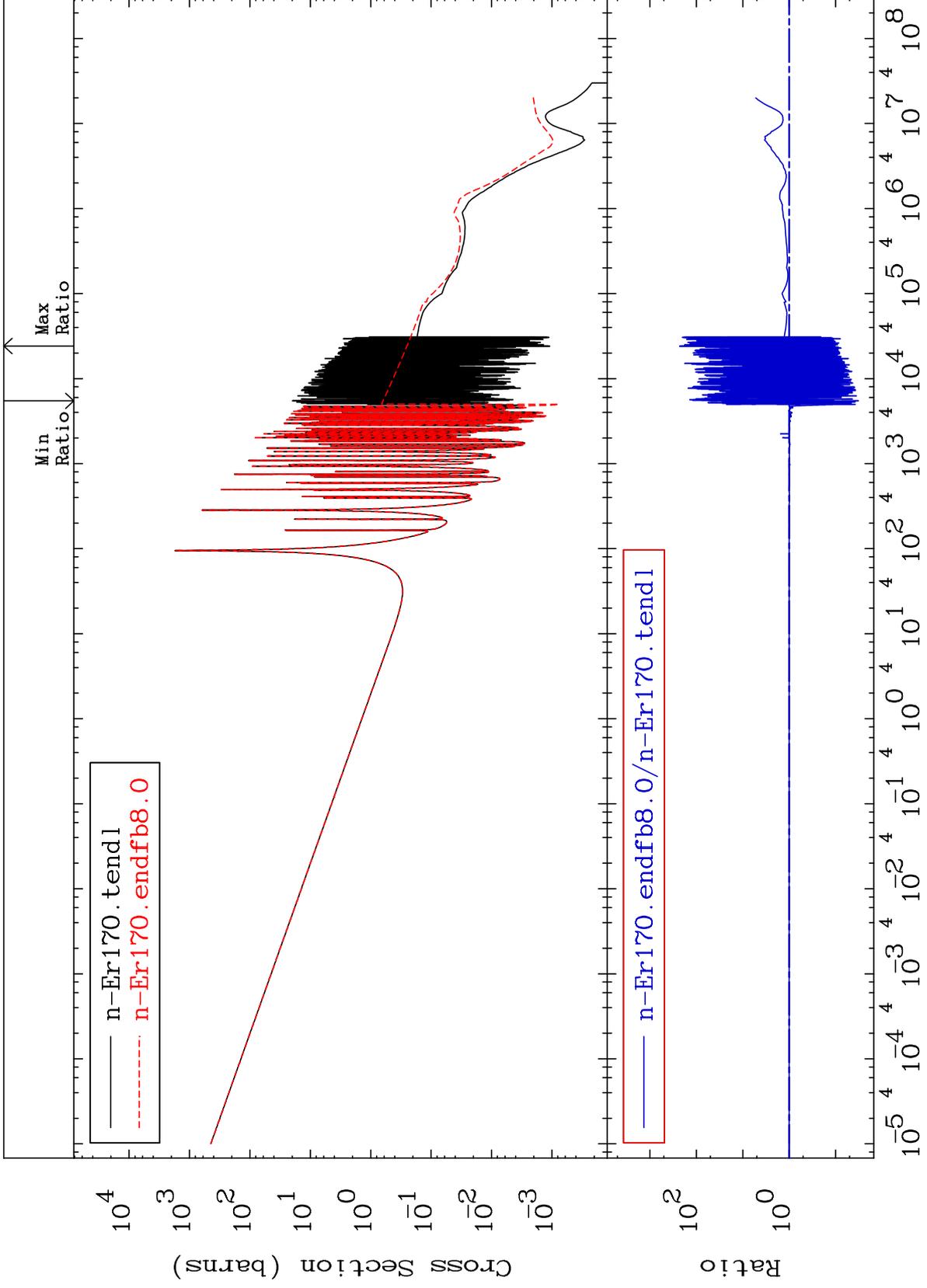
MAT 6849

(n, γ)

68-Er-170

Cross Section

-96.79 To 9999. %



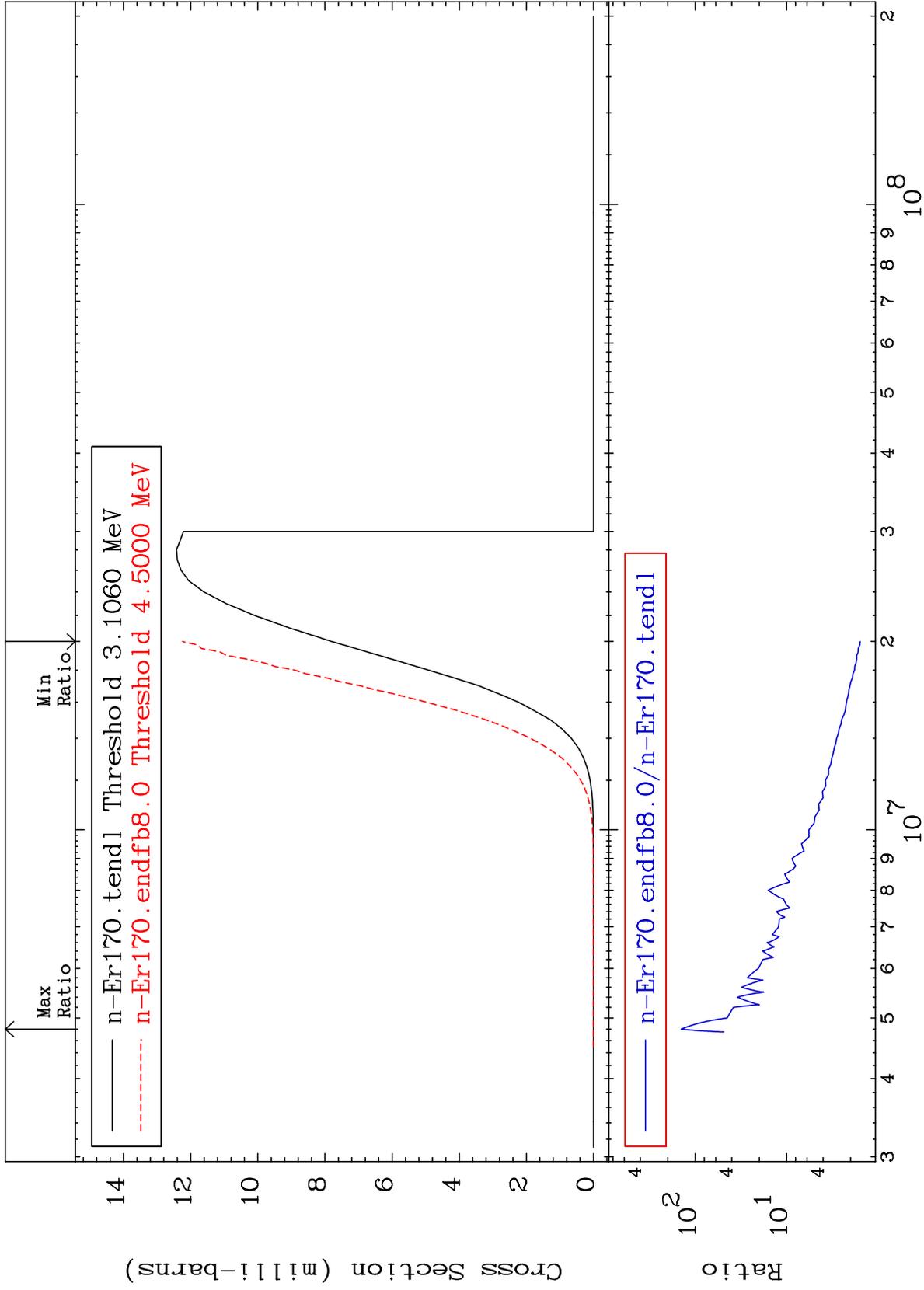
MAT 6849

(n,p)

68-Er-170

Cross Section

56.86 To 9999. %



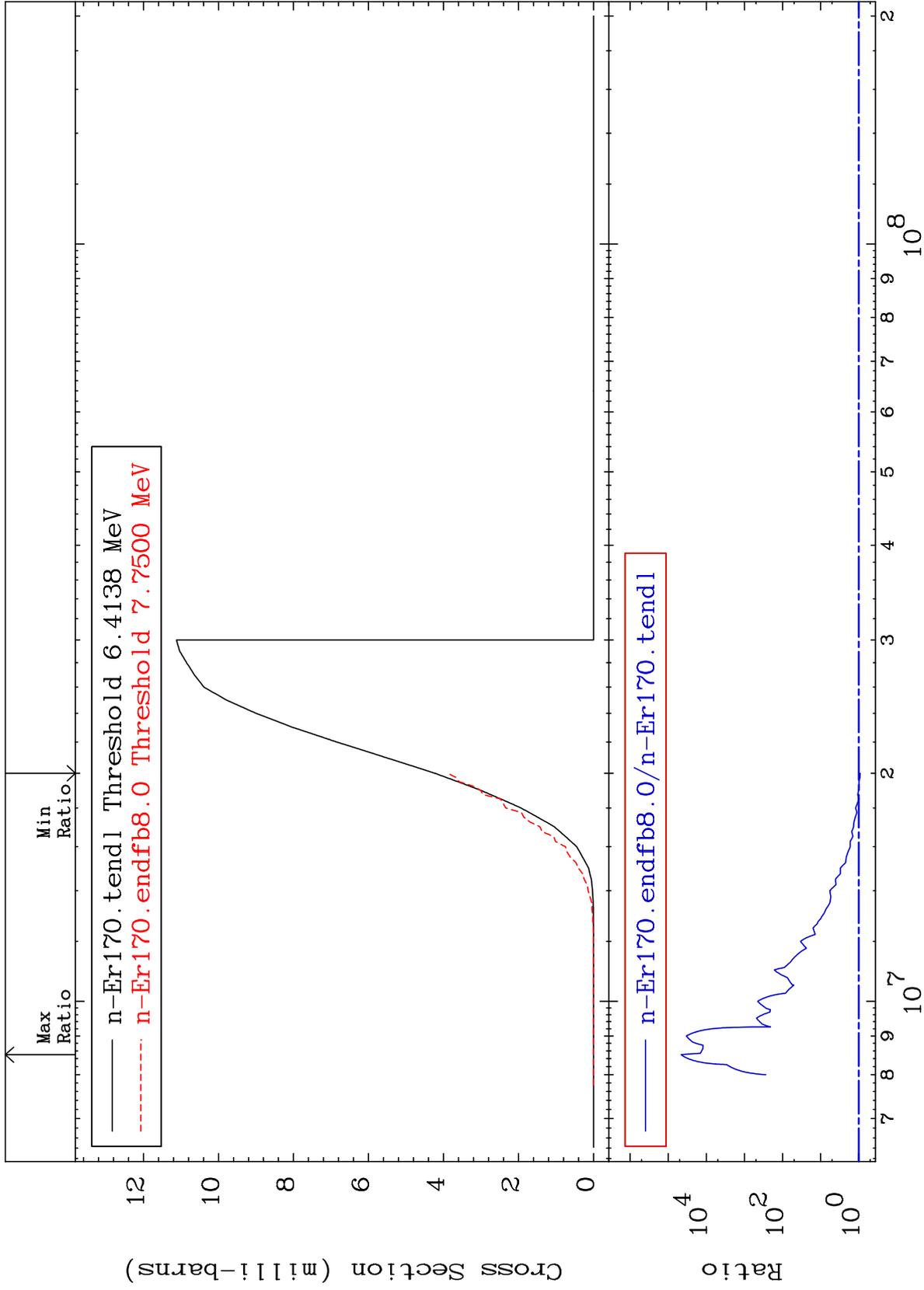
MAT 6849

(n, d)

68-Er-170

Cross Section

-8.106 To 9999. %



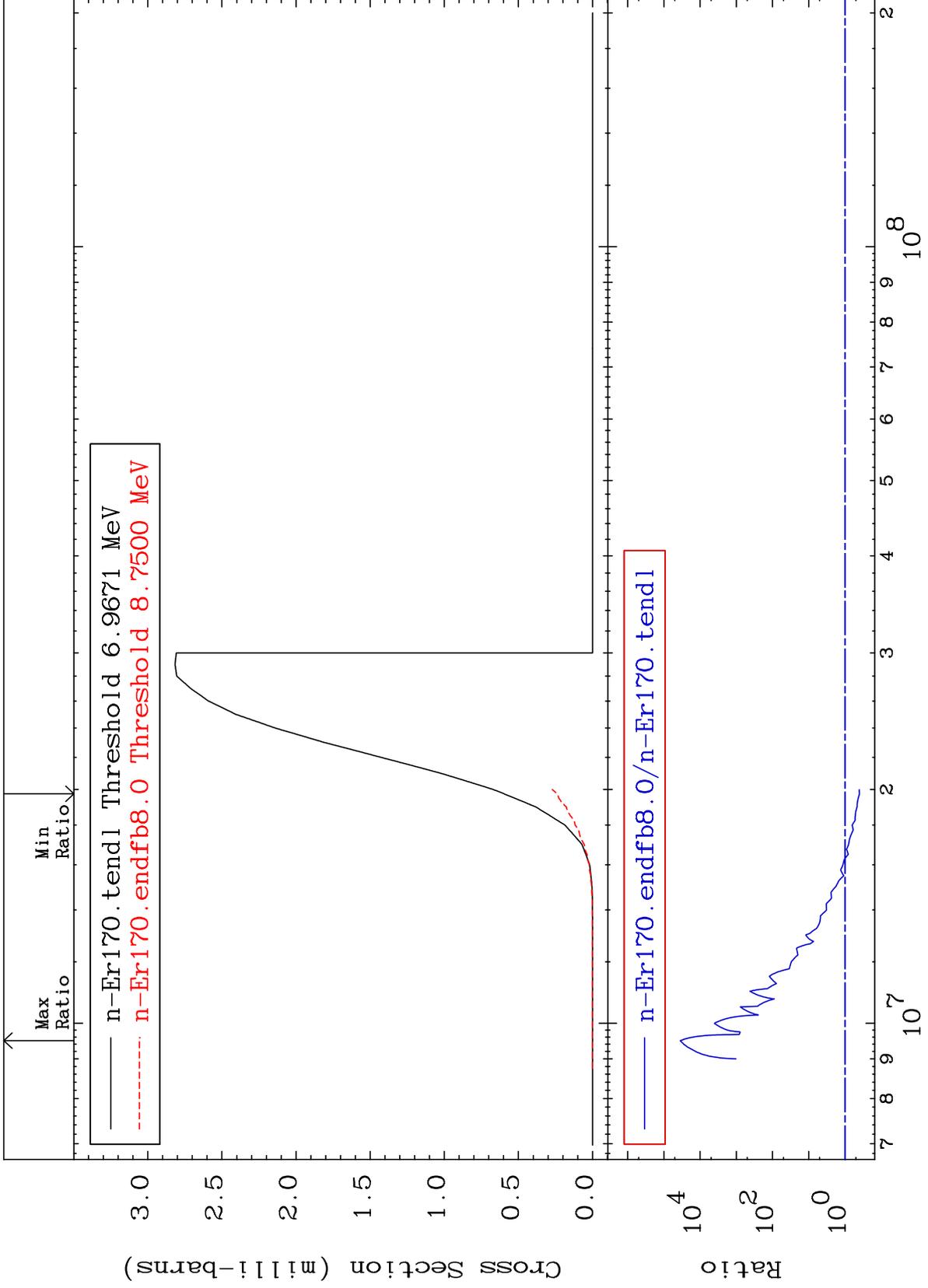
MAT 6849

(n, t)

68-Er-170

Cross Section

-60.22 To 9999. %



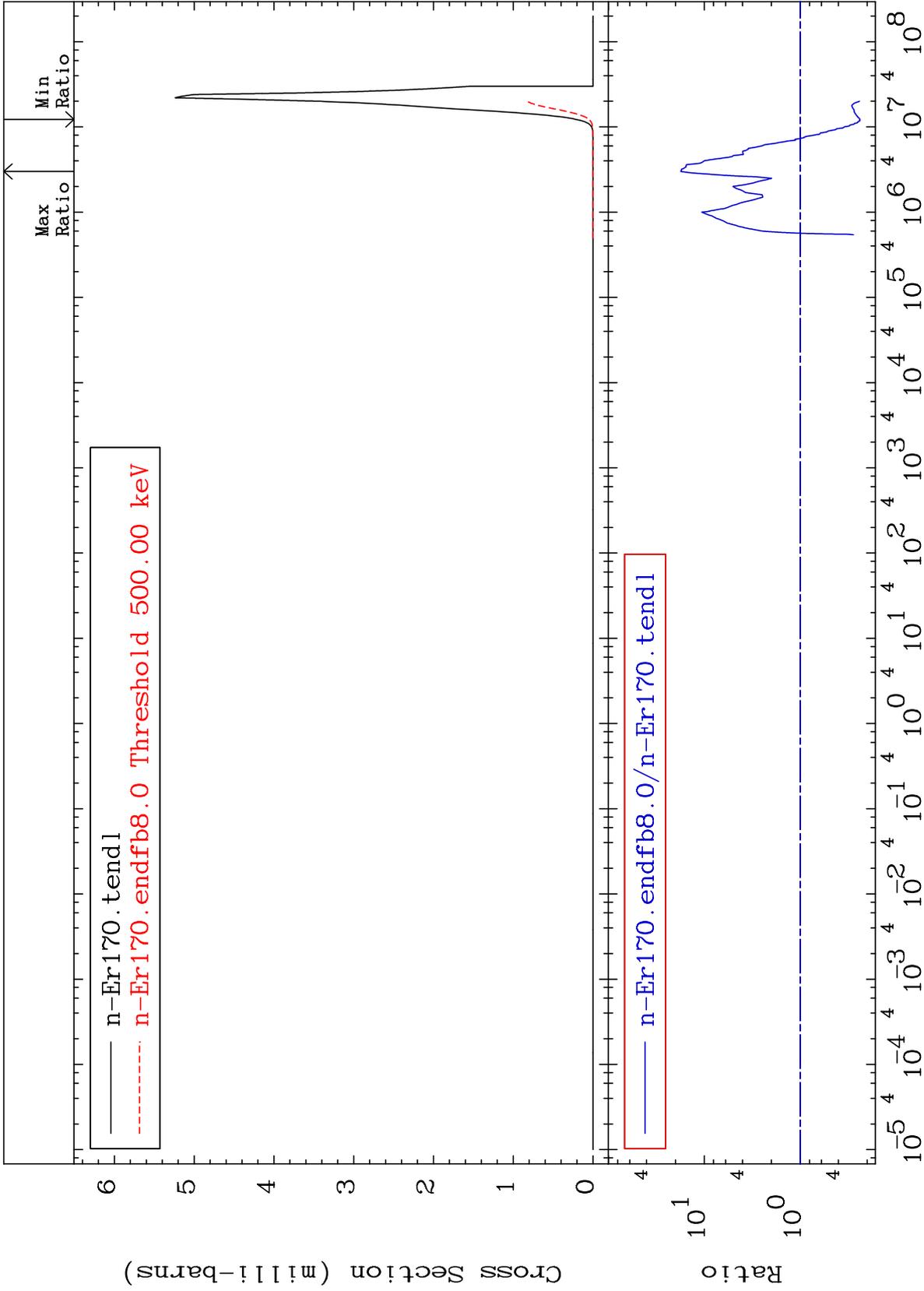
MAT 6849

(n, α)

68-Er-170

Cross Section

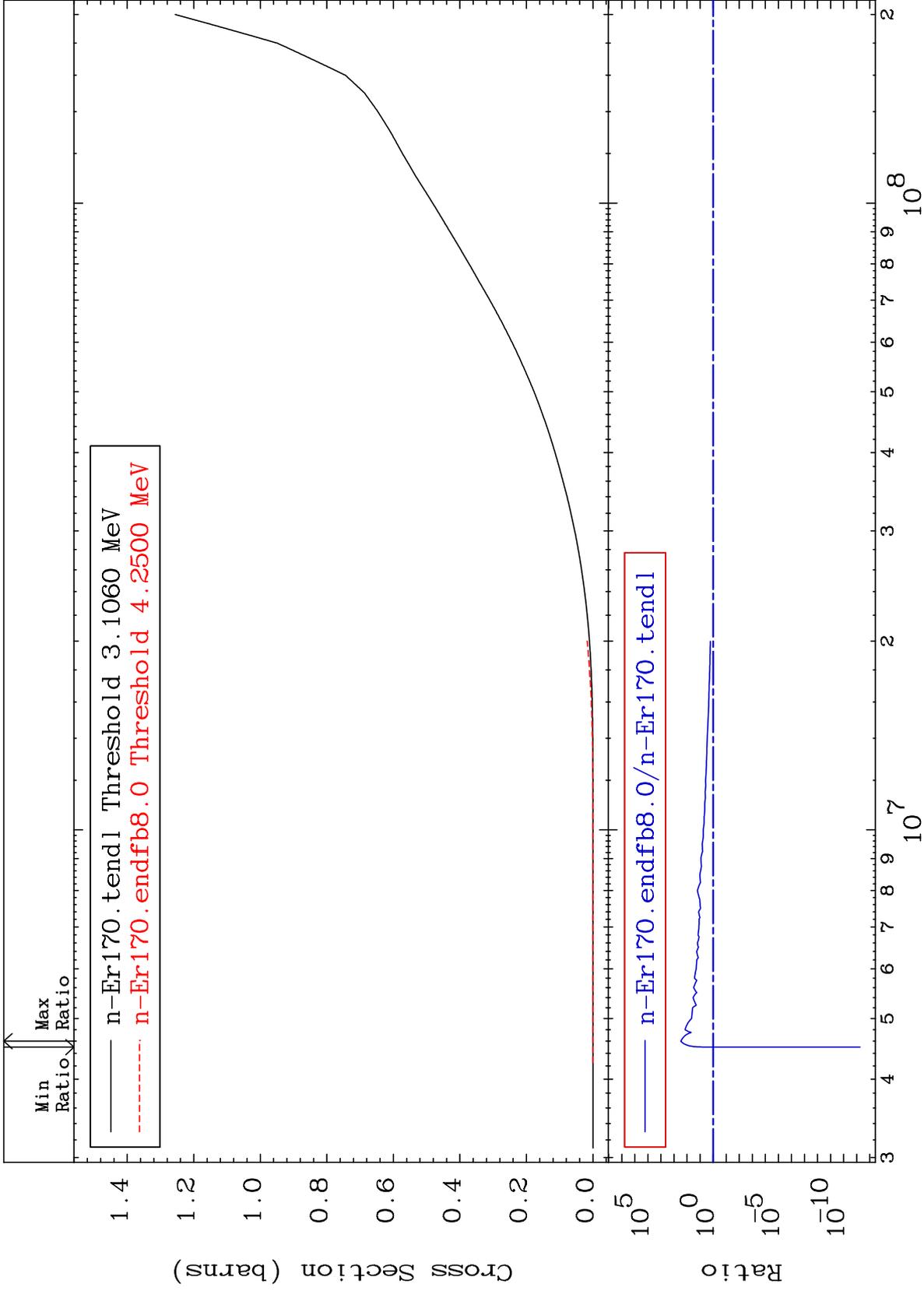
-76.27 To 1660. %



28

68-Er-170

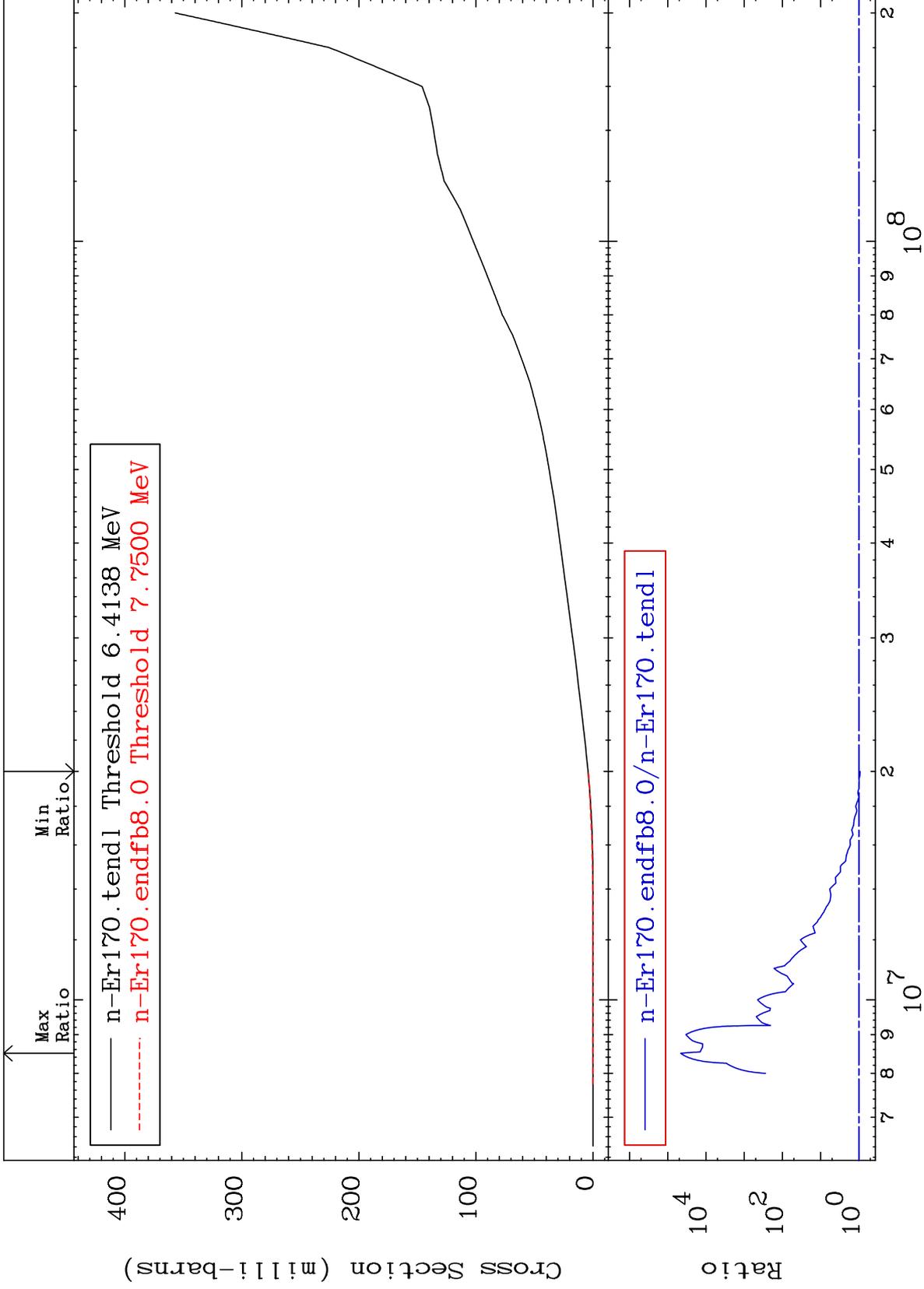
68-Er-170



MAT 6849

Deuterium Production Cross Section

68-Er-170
-7.102 To 9999. %



30

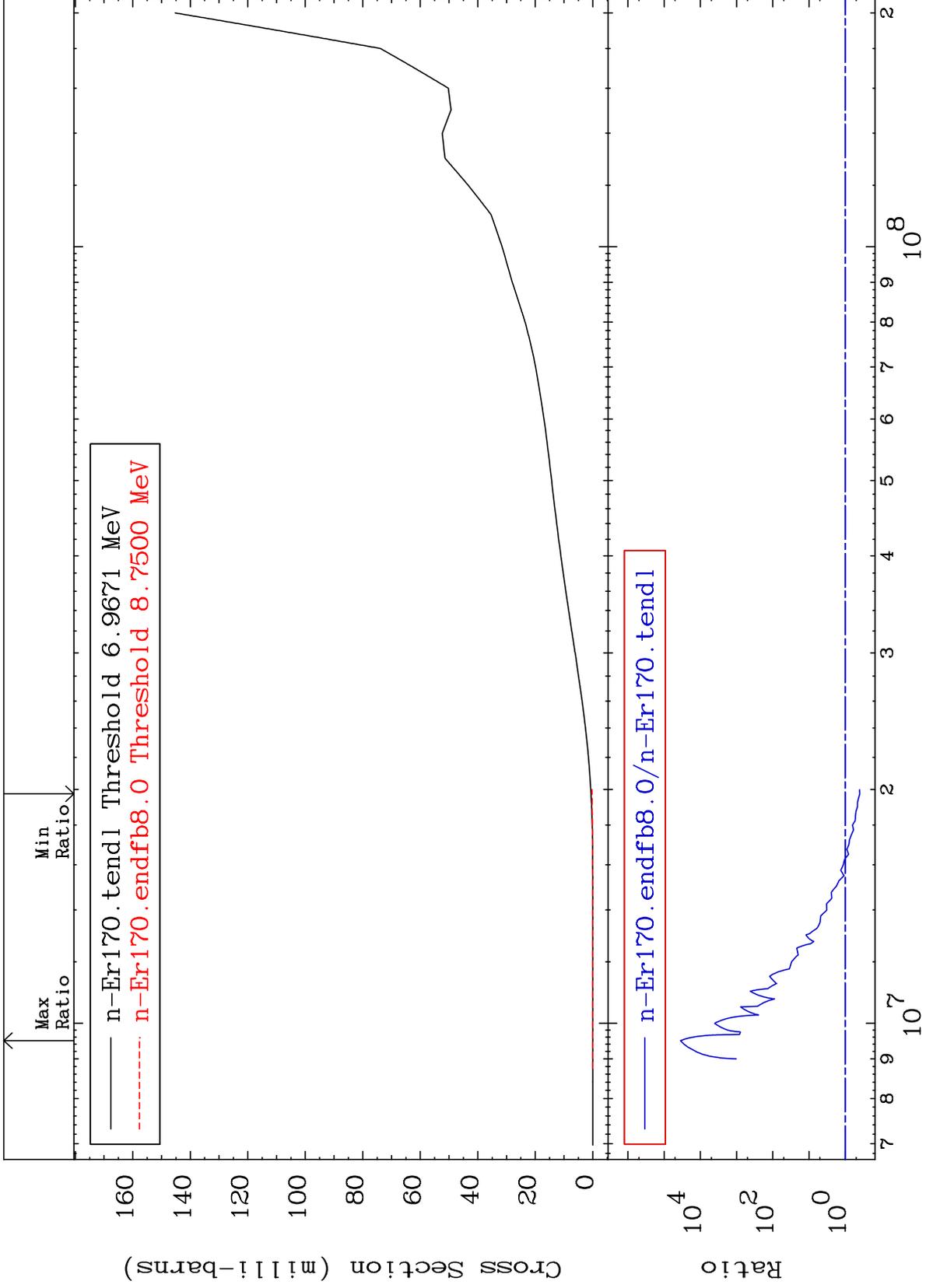
Incident Energy (eV)

68-Er-170

MAT 6849

Tritium Production
Cross Section

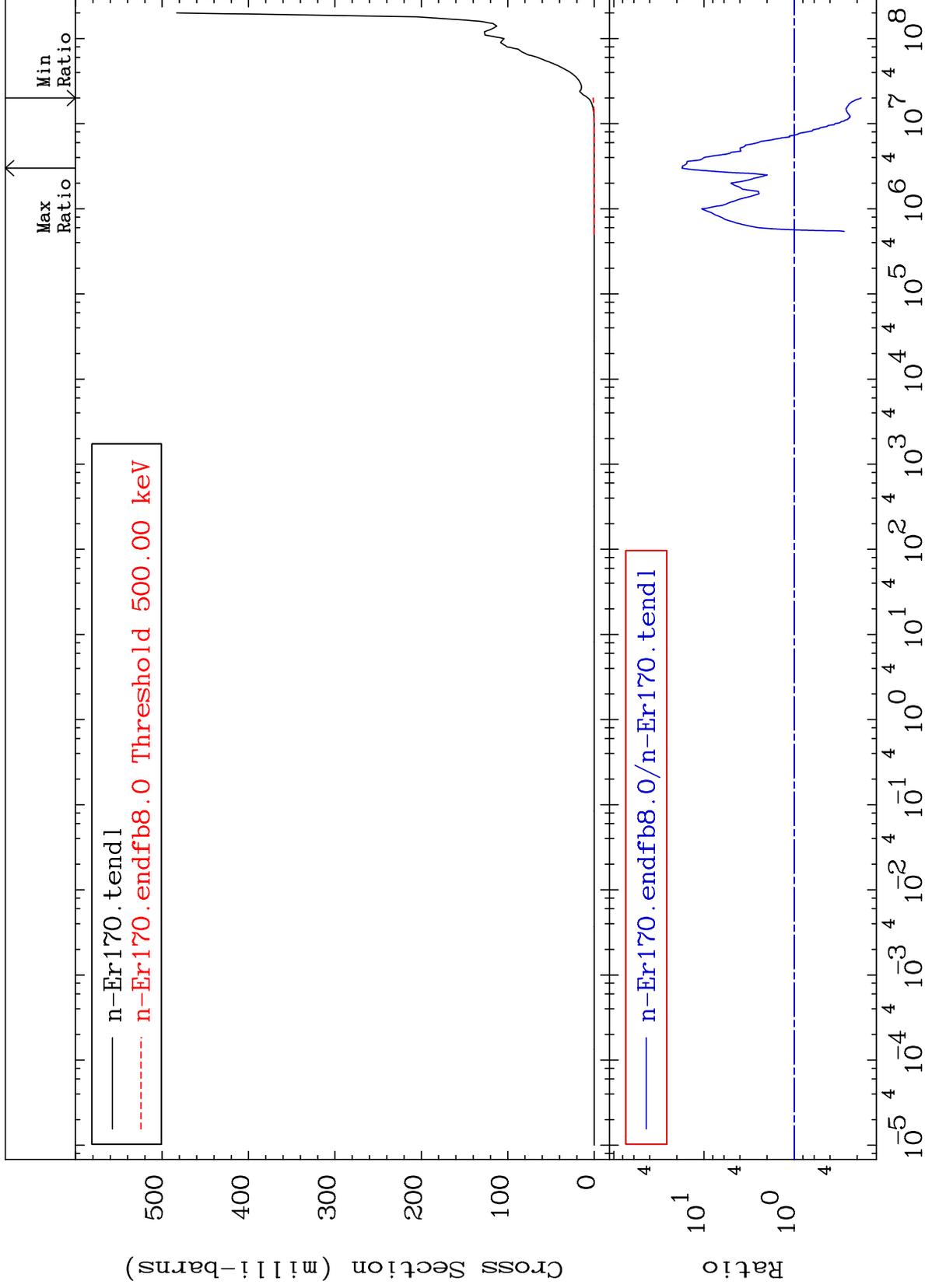
68-Er-170
-60.32 To 9999. %



MAT 6849

He-4 Production
Cross Section

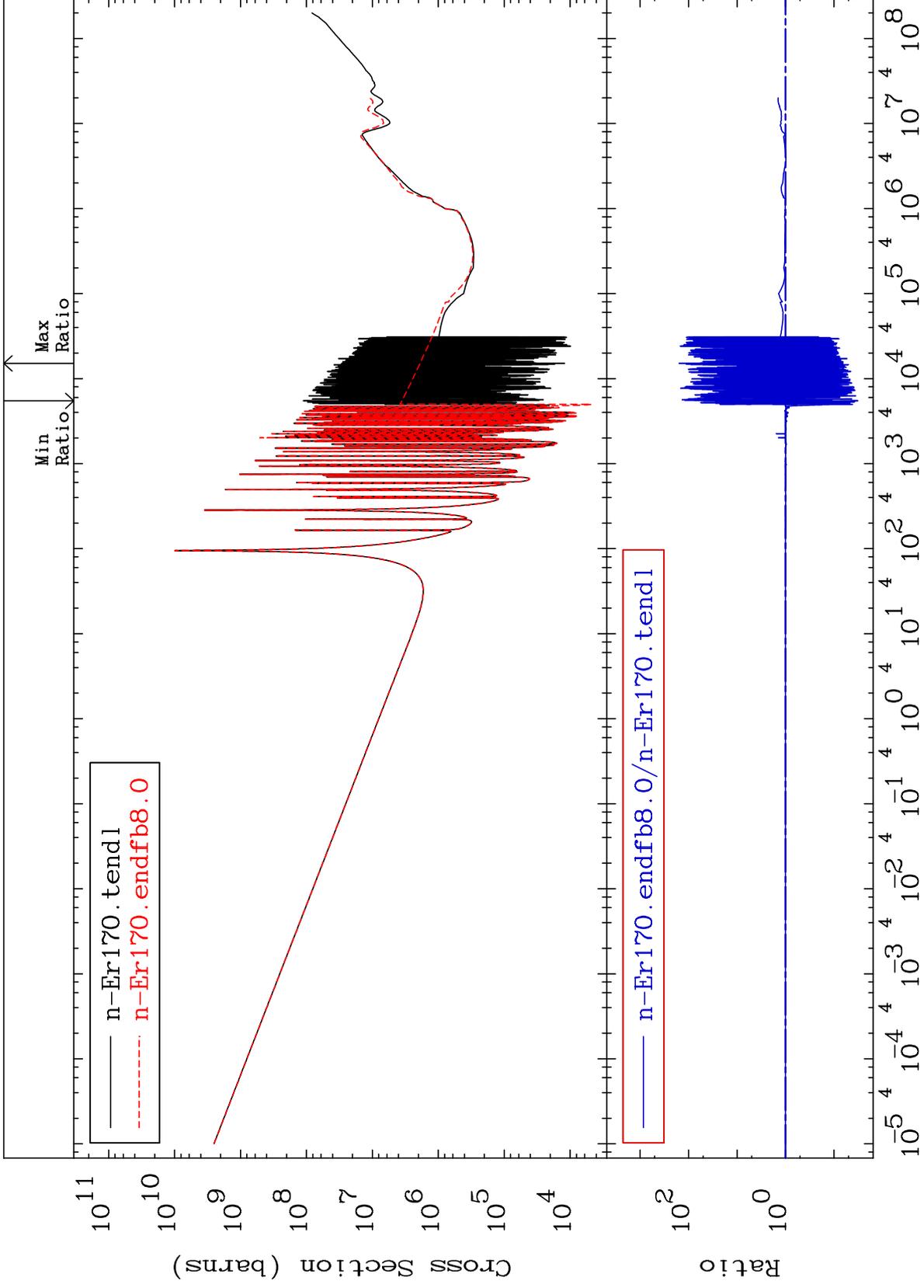
68-Er-170
-81.90 To 1660. %



32

Incident Energy (eV)

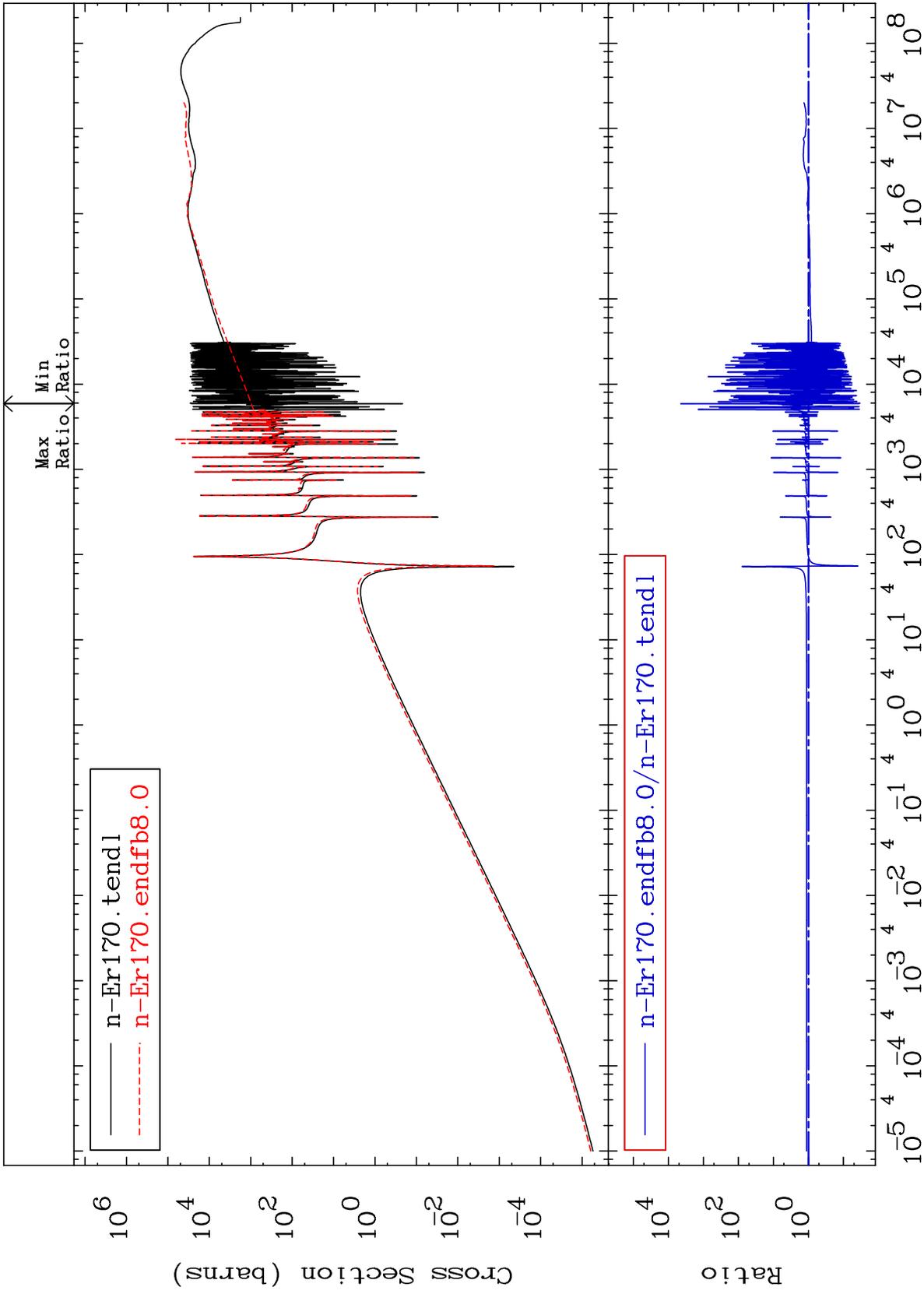
68-Er-170

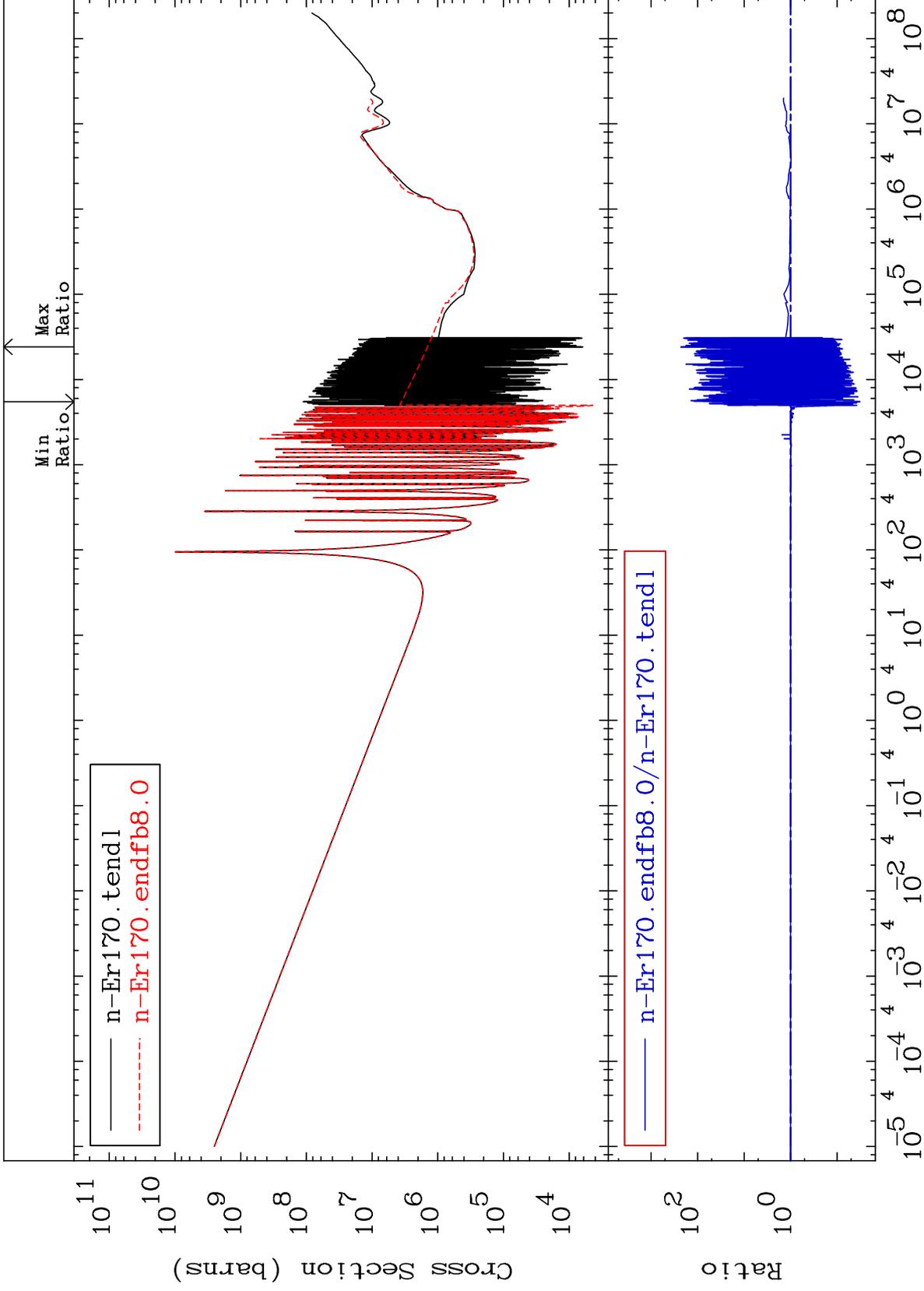


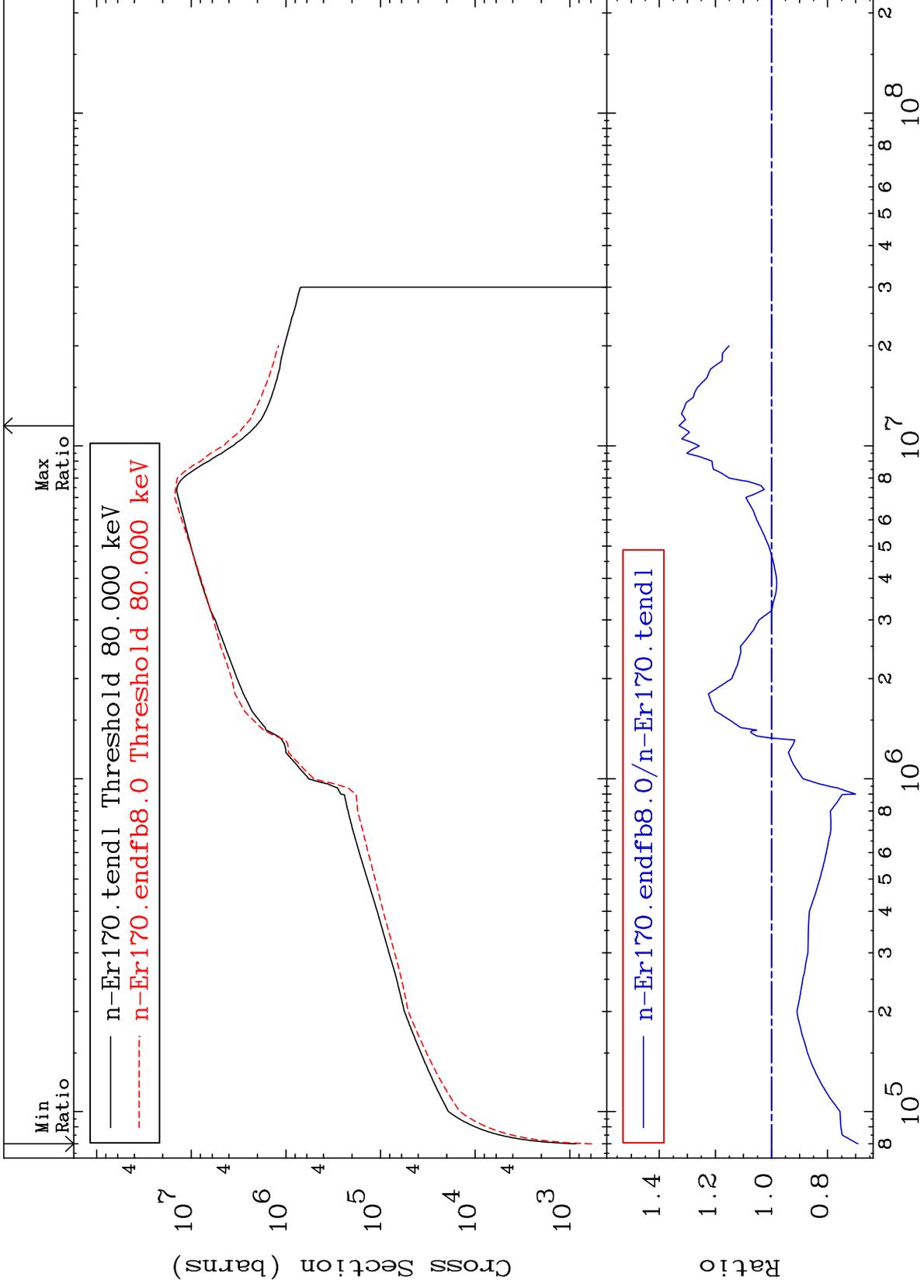
MAT 6849

Kerma elastic
Cross Section

68-Er-170
-96.65 To 9999. %



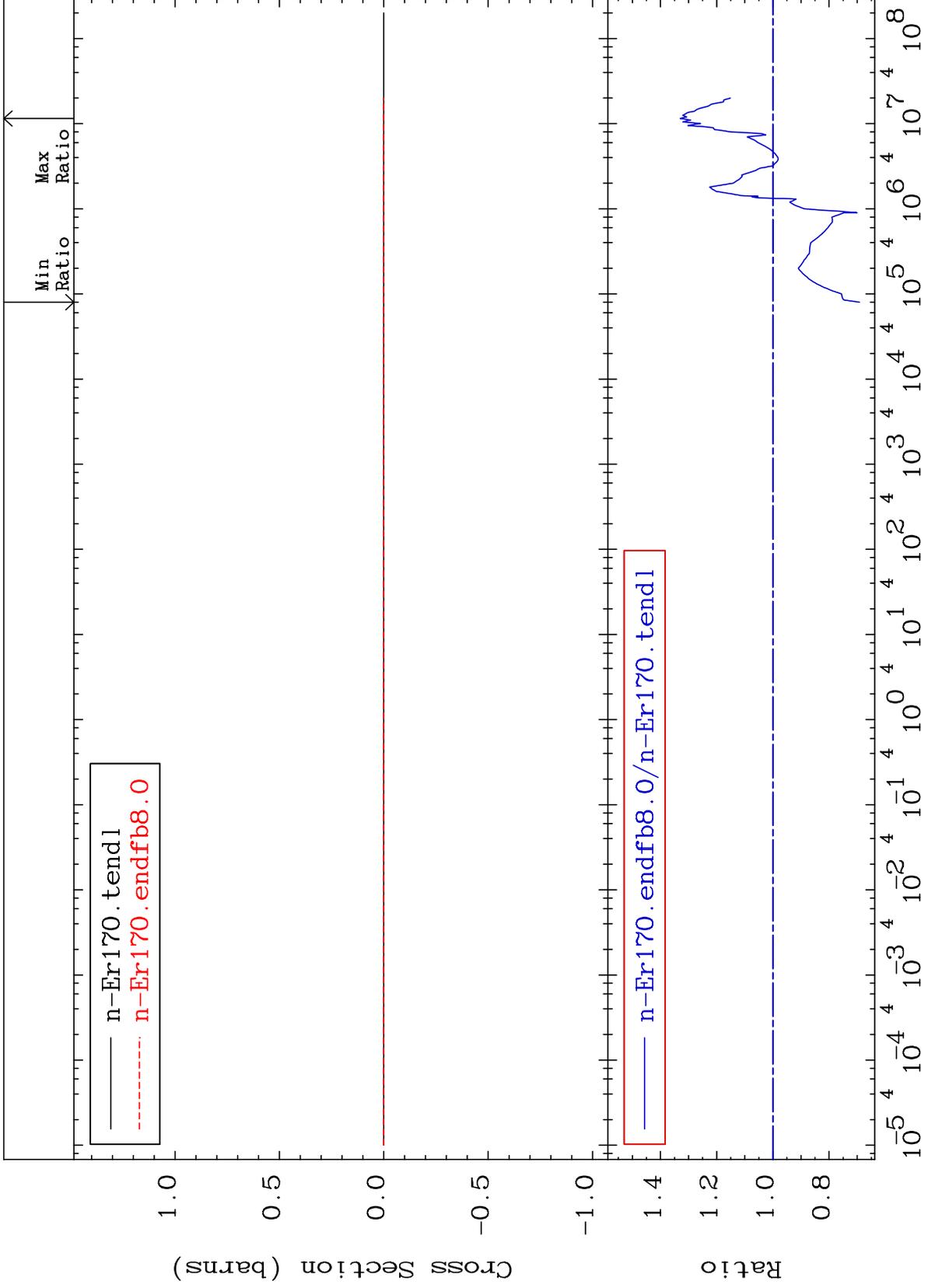


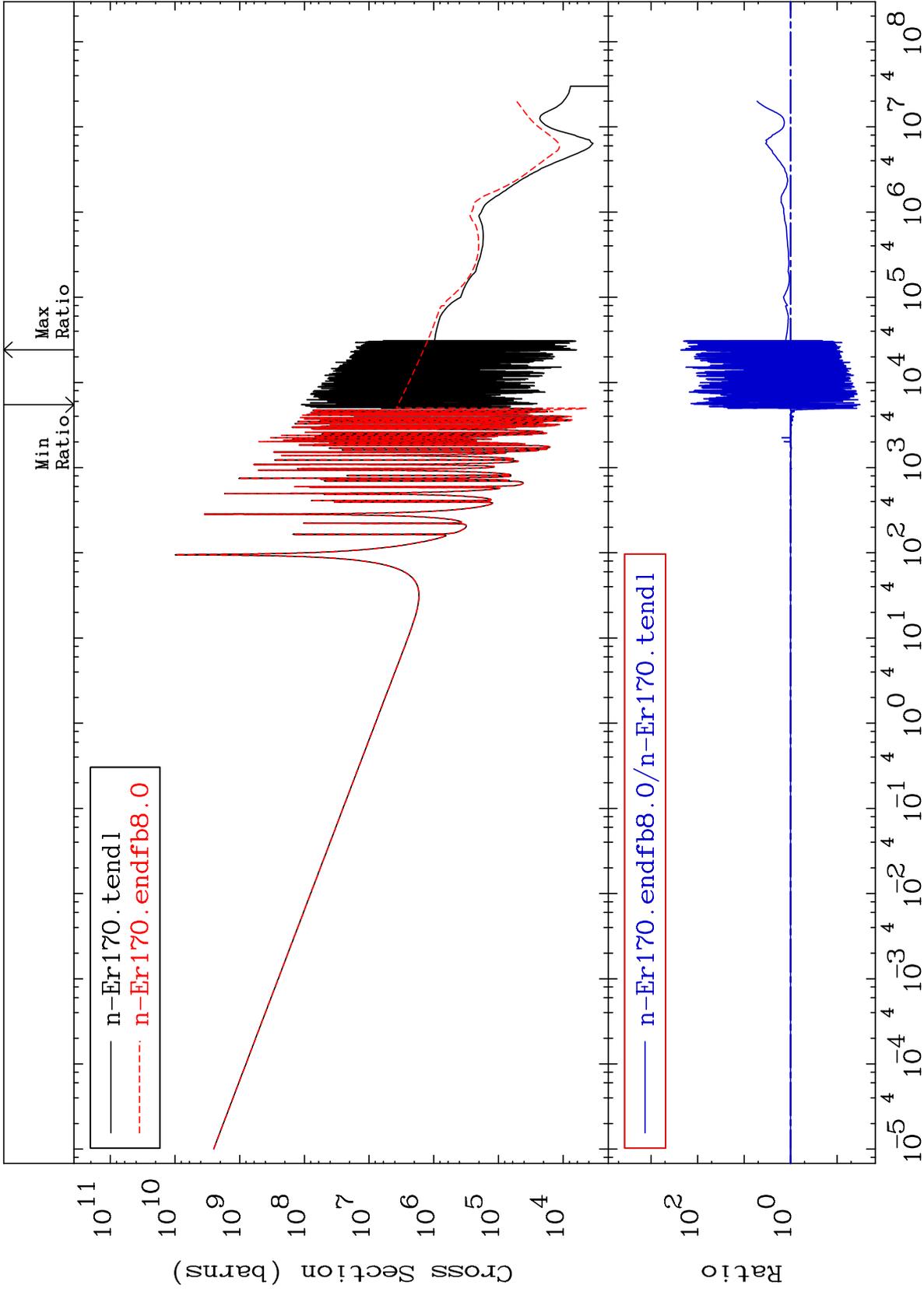


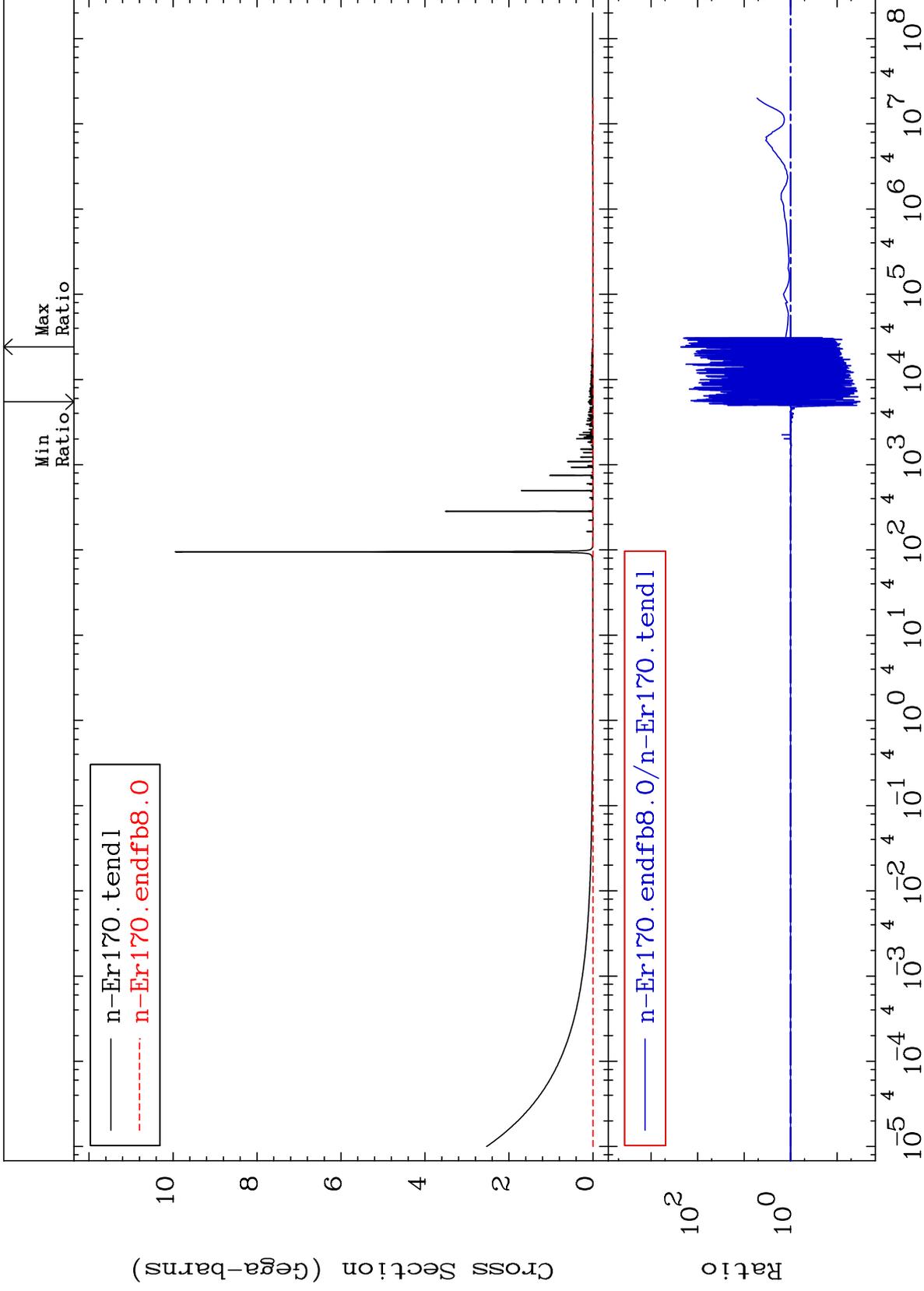
MAT 6849

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

68-Er-170
-30.81 To 32.95 %



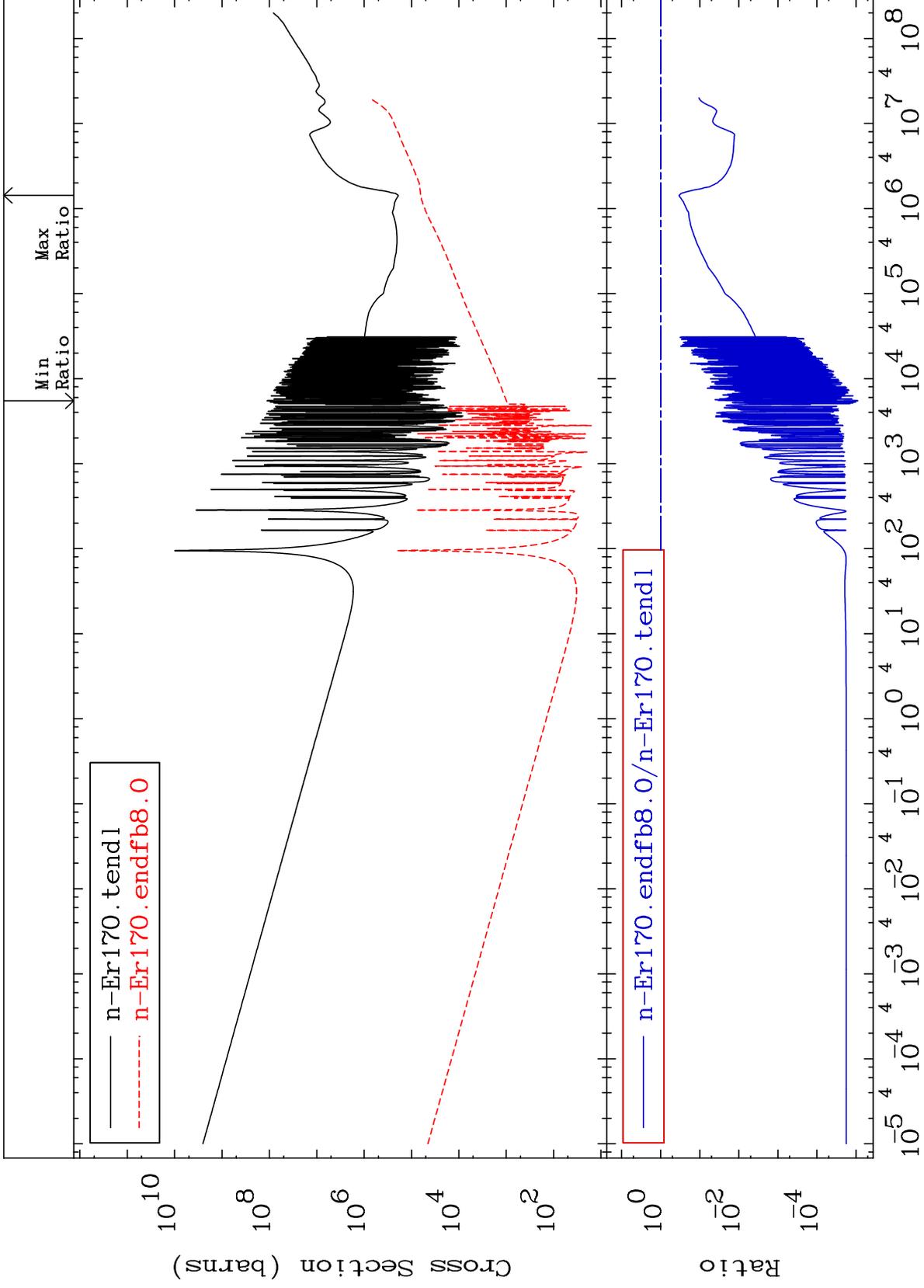




MAT 6849

Total kinematic kerma (high limit)
Cross Section

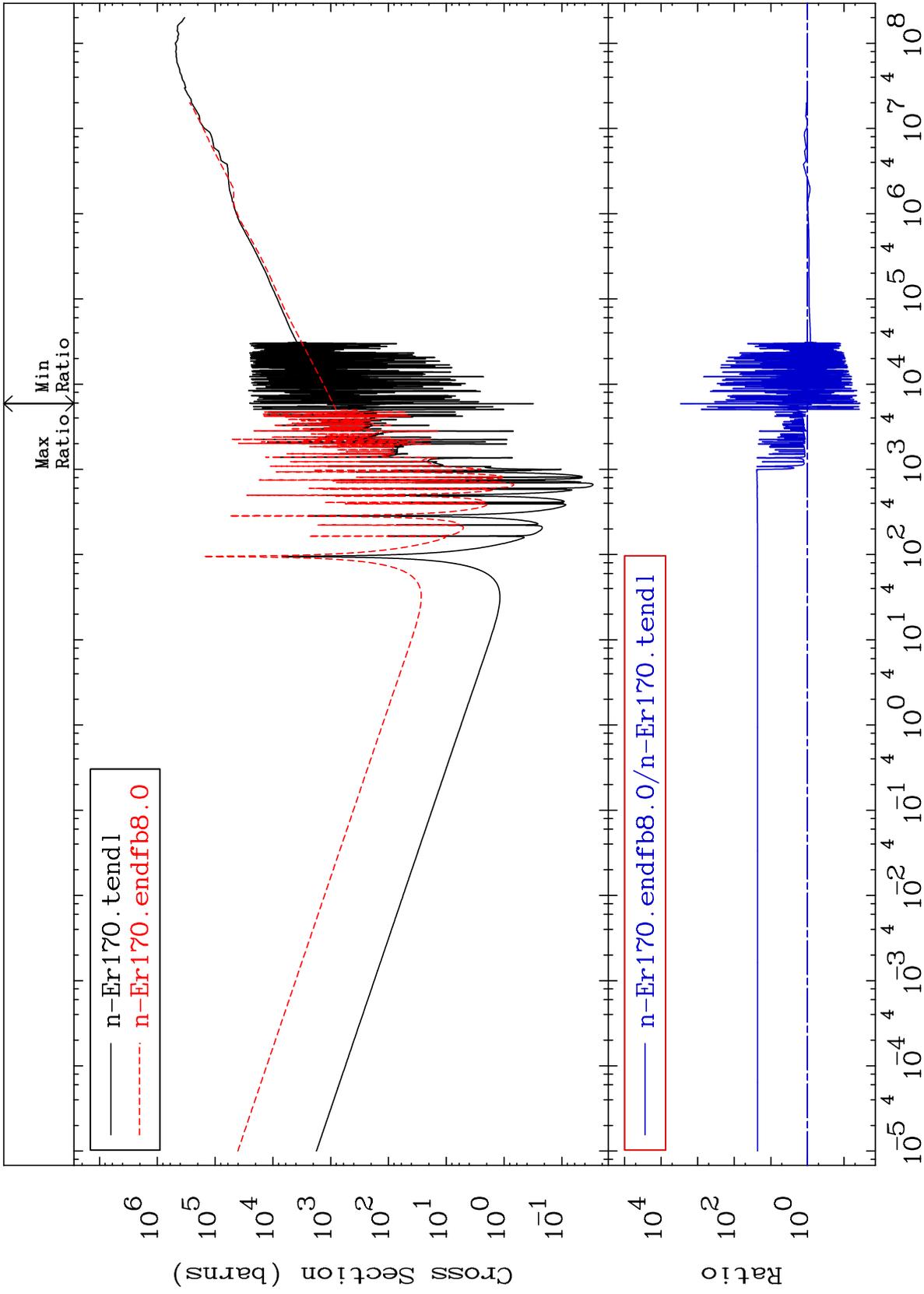
68-Er-170
-100.0 To -66.15%



40

Incident Energy (eV)

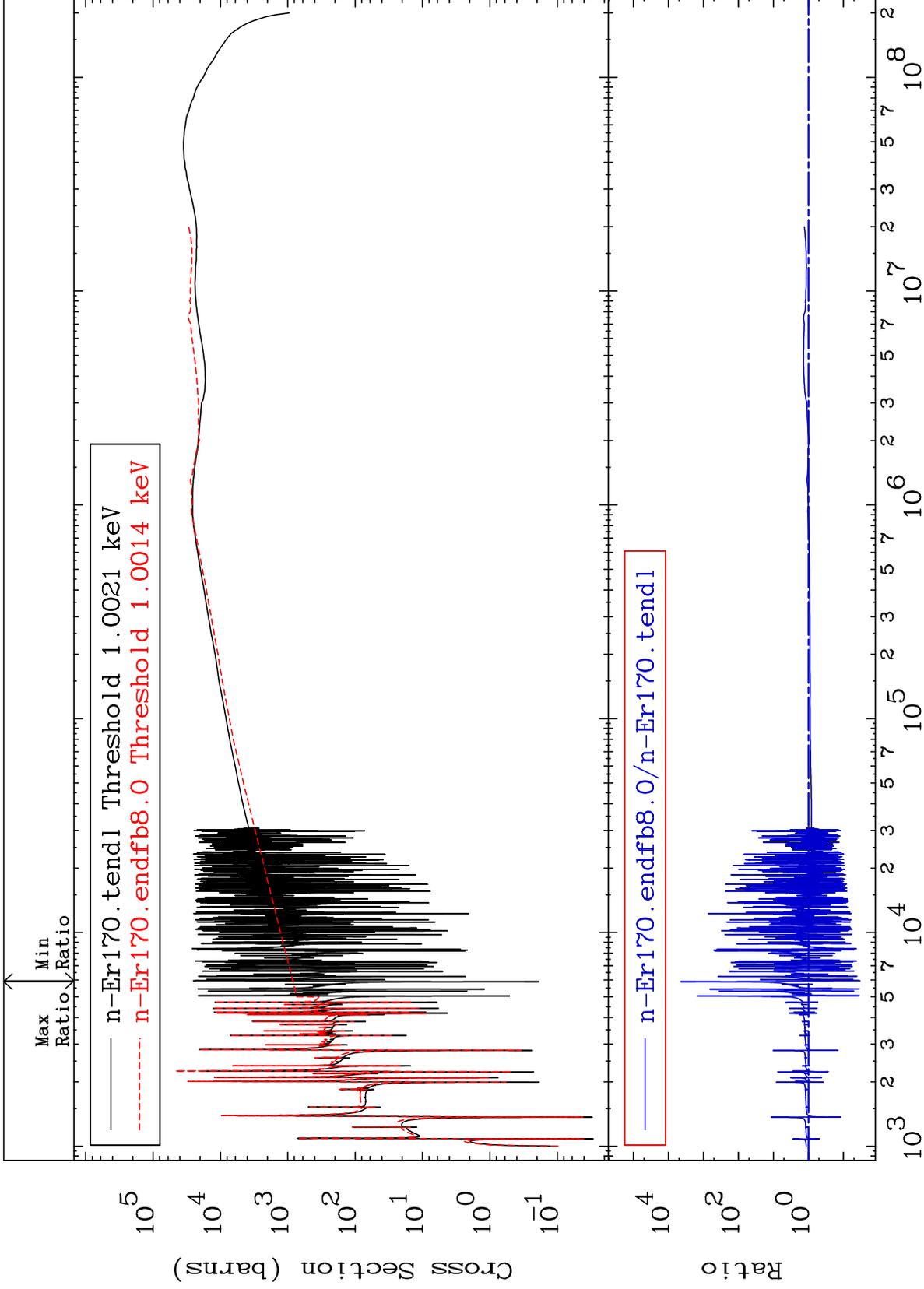
68-Er-170



MAT 6849

Dpa elastic (mt2)
Cross Section

68-Er-170
-96.65 To 9999. %



42

Incident Energy (eV)

68-Er-170

MAT 6849

Dpa inelastic (mt51-91)
Cross Section

68-Er-170
-31.68 To 40.54 %

