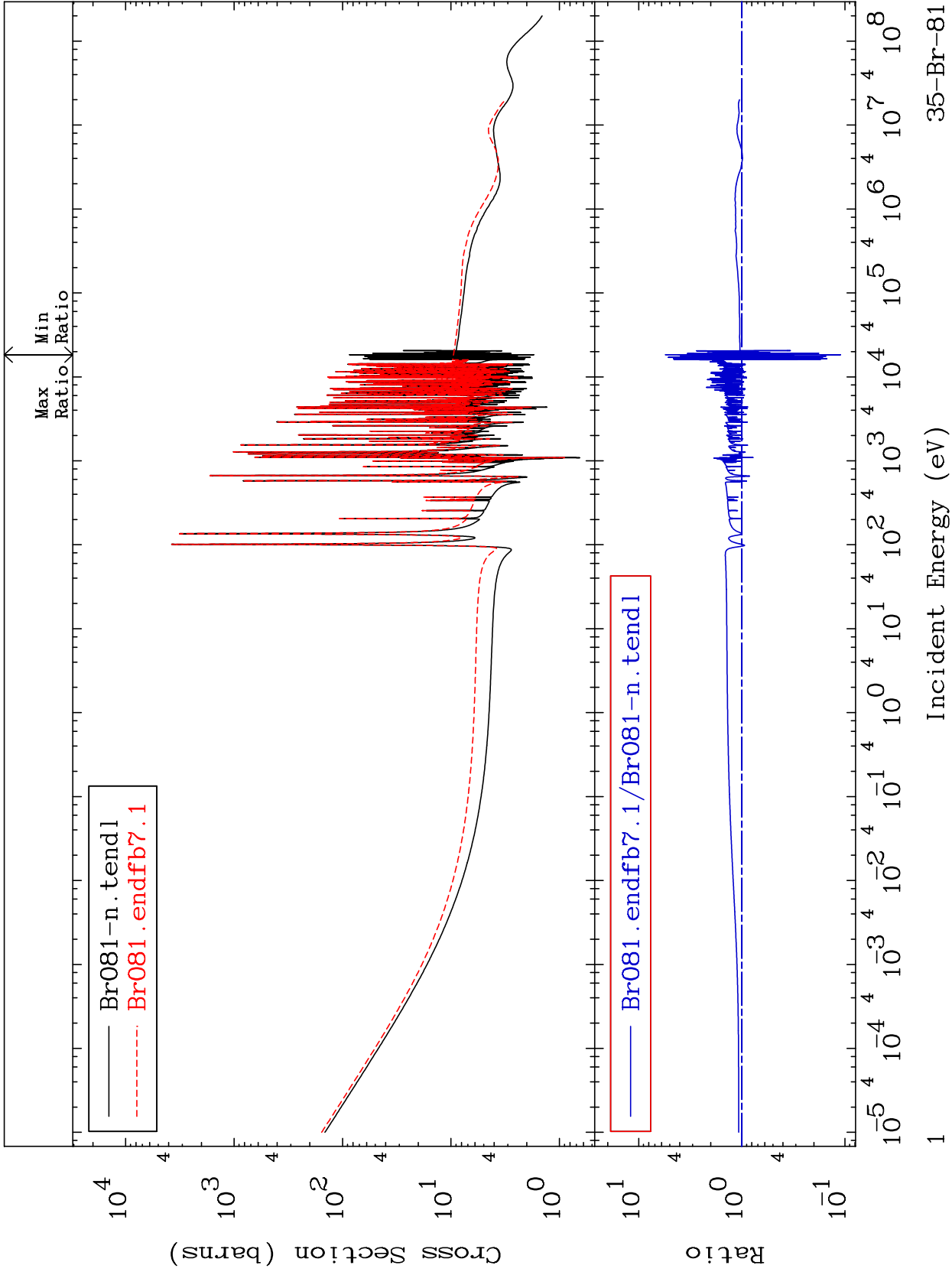


MAT 3531

Total
Cross Section

35-Br-81
-89.01 To 450.5 %



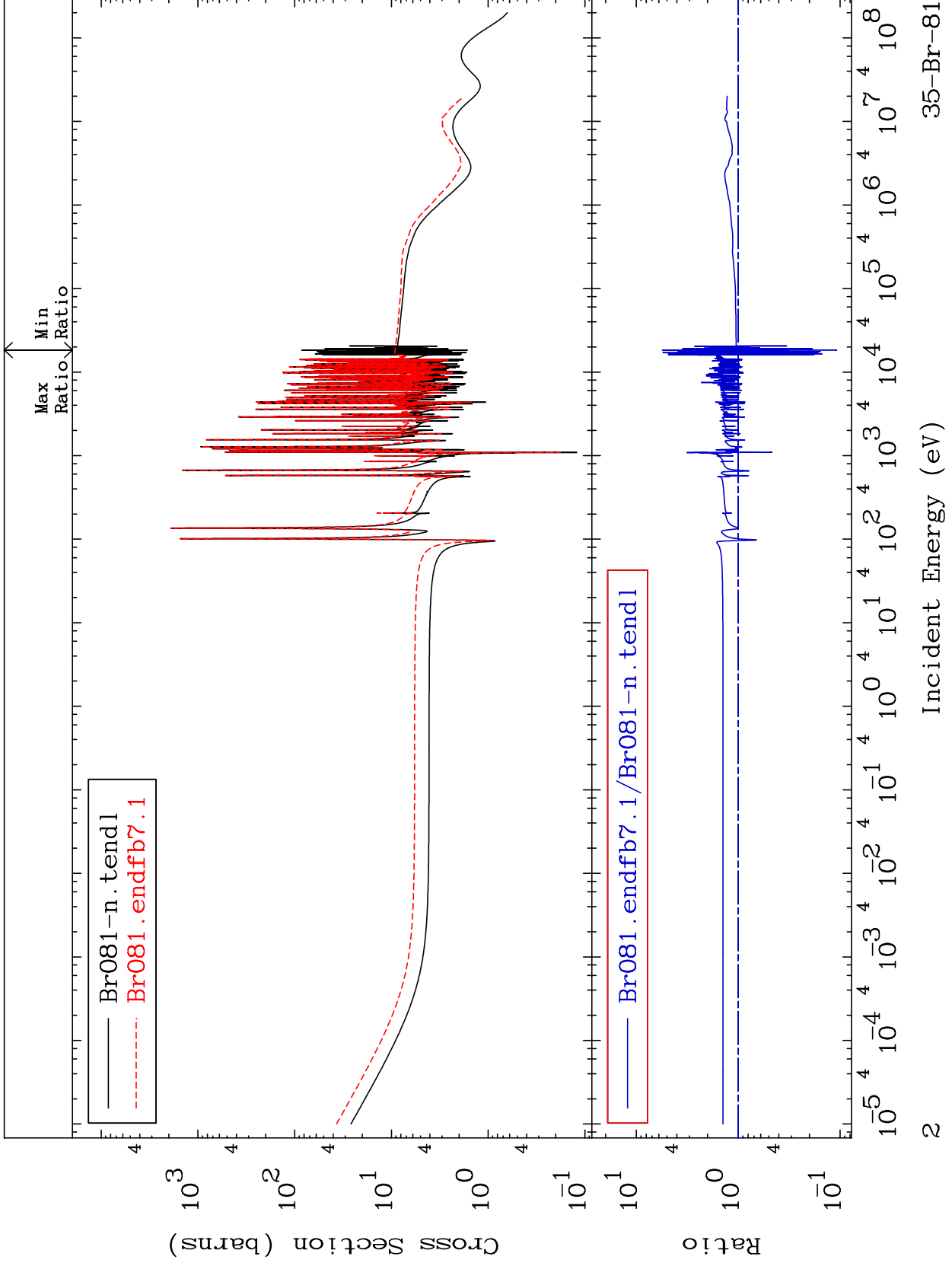
Incident Energy (eV)

35-Br-81

MAT 3531

Elastic
Cross Section

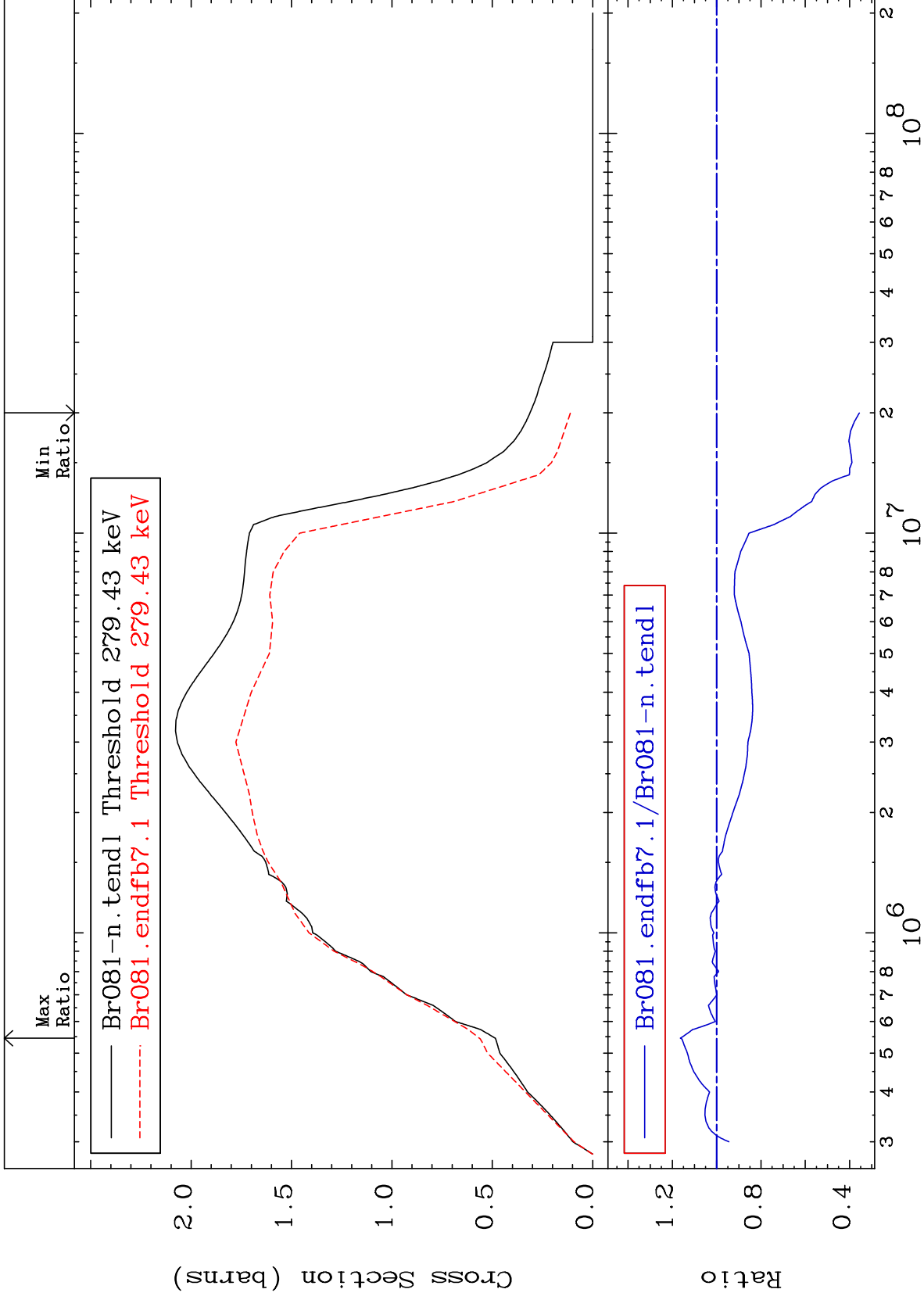
35-Br-81
-89.19 To 455.3 %



MAT 3531

Inelastic
Cross Section

35-Br-81
-64.43 To 16.39 %



3

Incident Energy (eV)

35-Br-81

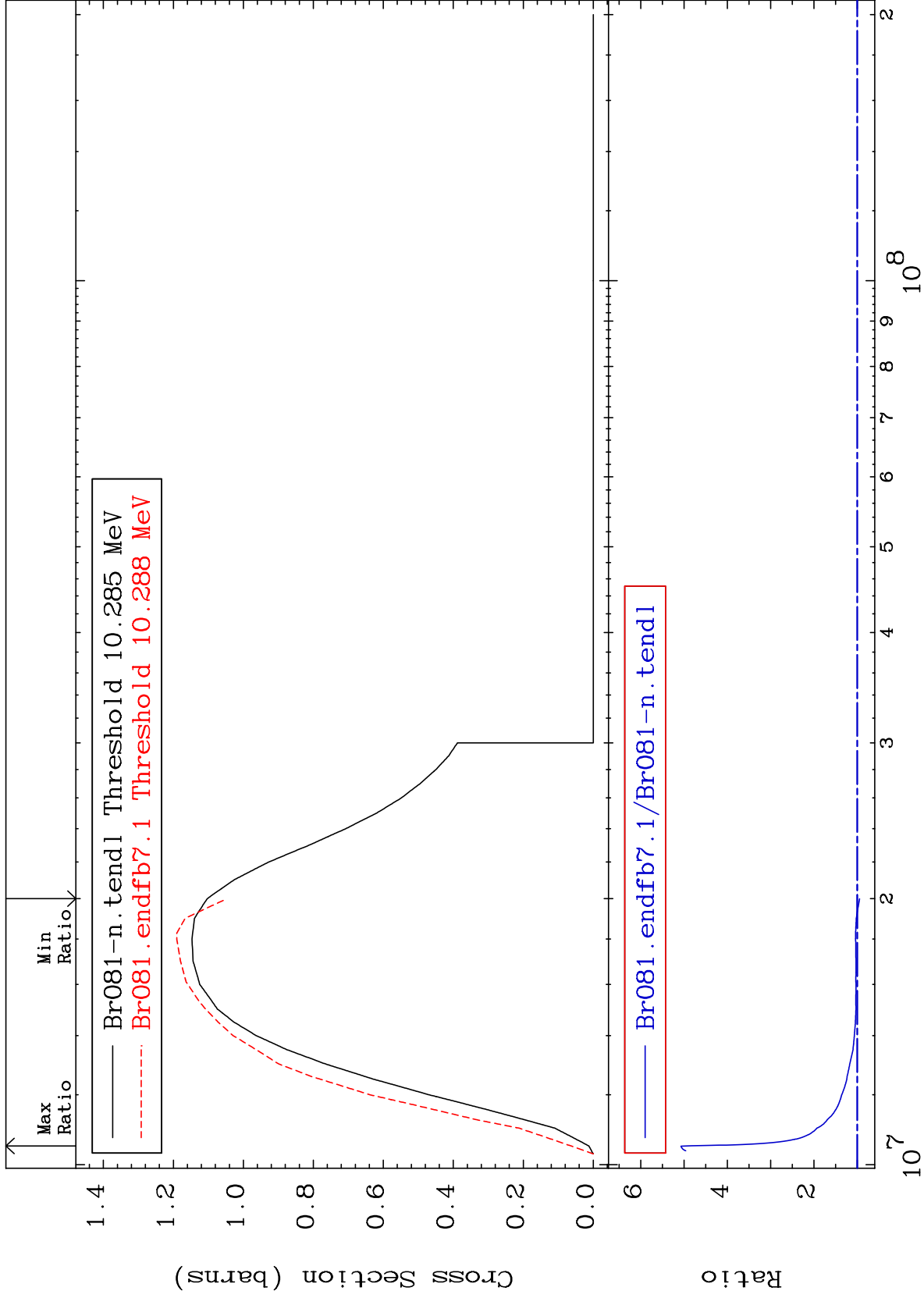
MAT 3531

(n,2n)

35-Br-81

Cross Section

-5.162 To 407.5 %



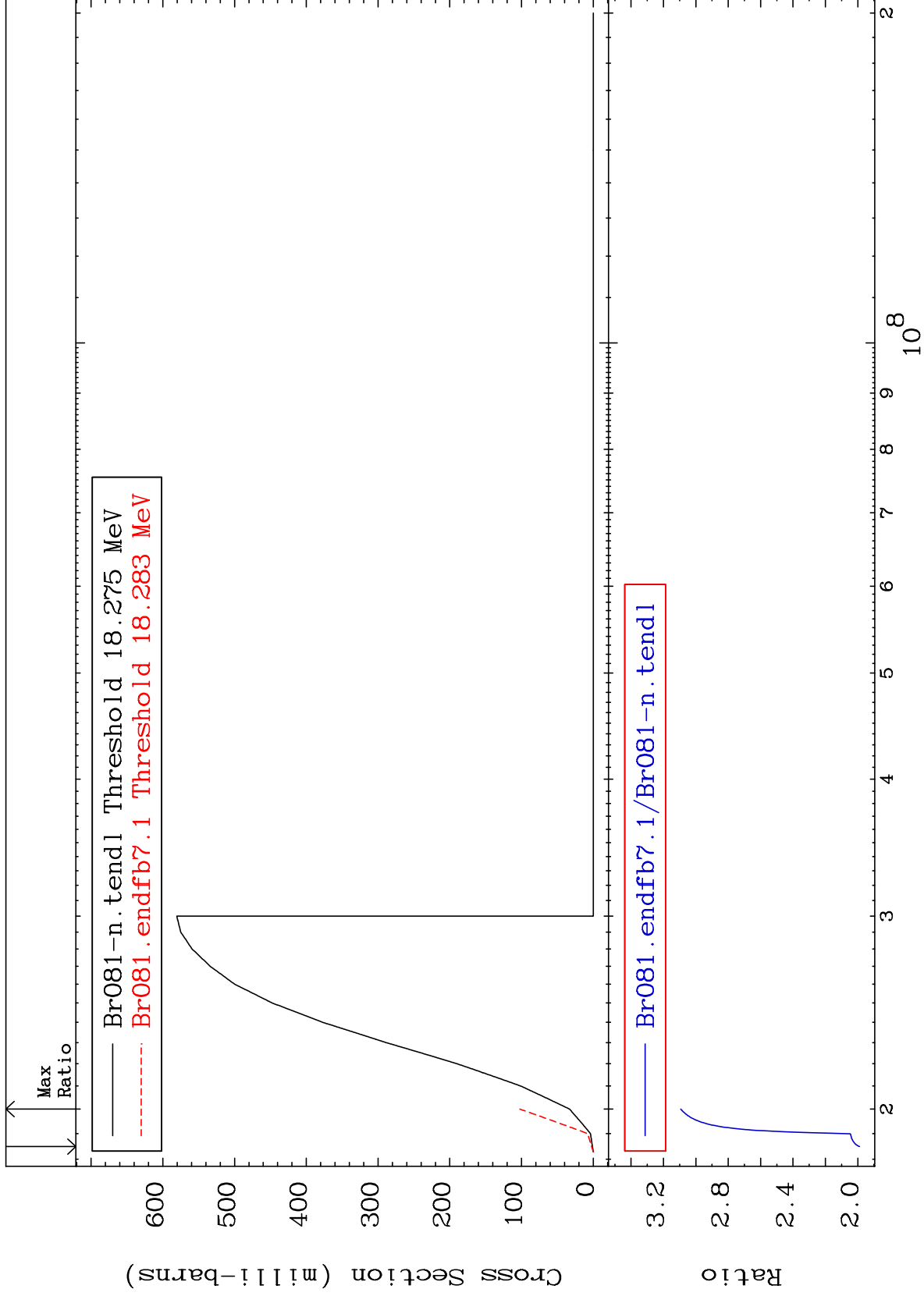
35-Br-81

35-Br-81

MAT 3531

(n,3n)
Cross Section

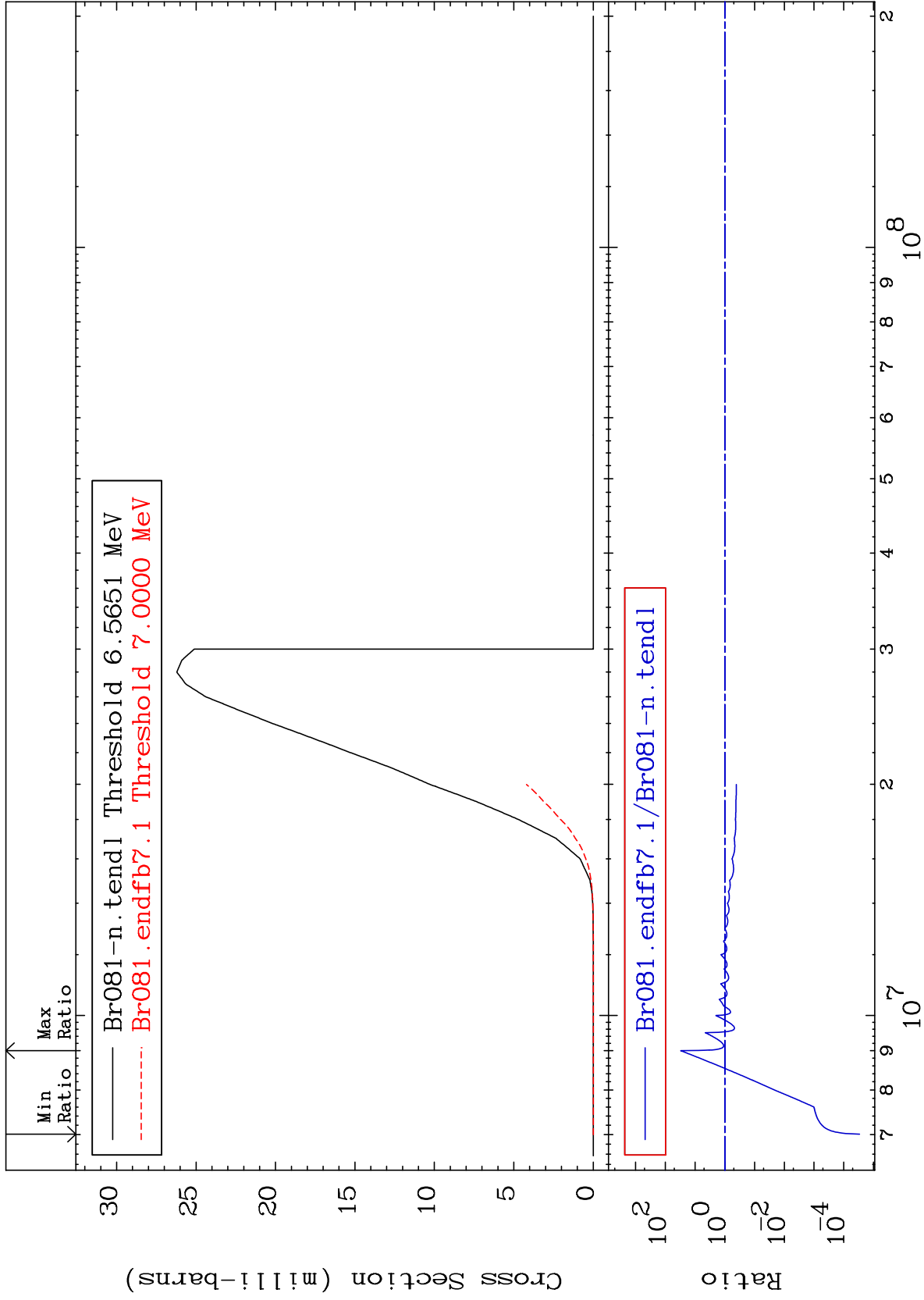
35-Br-81
98.93 To 209.3 %



MAT 3531

(n, n') α
Cross Section

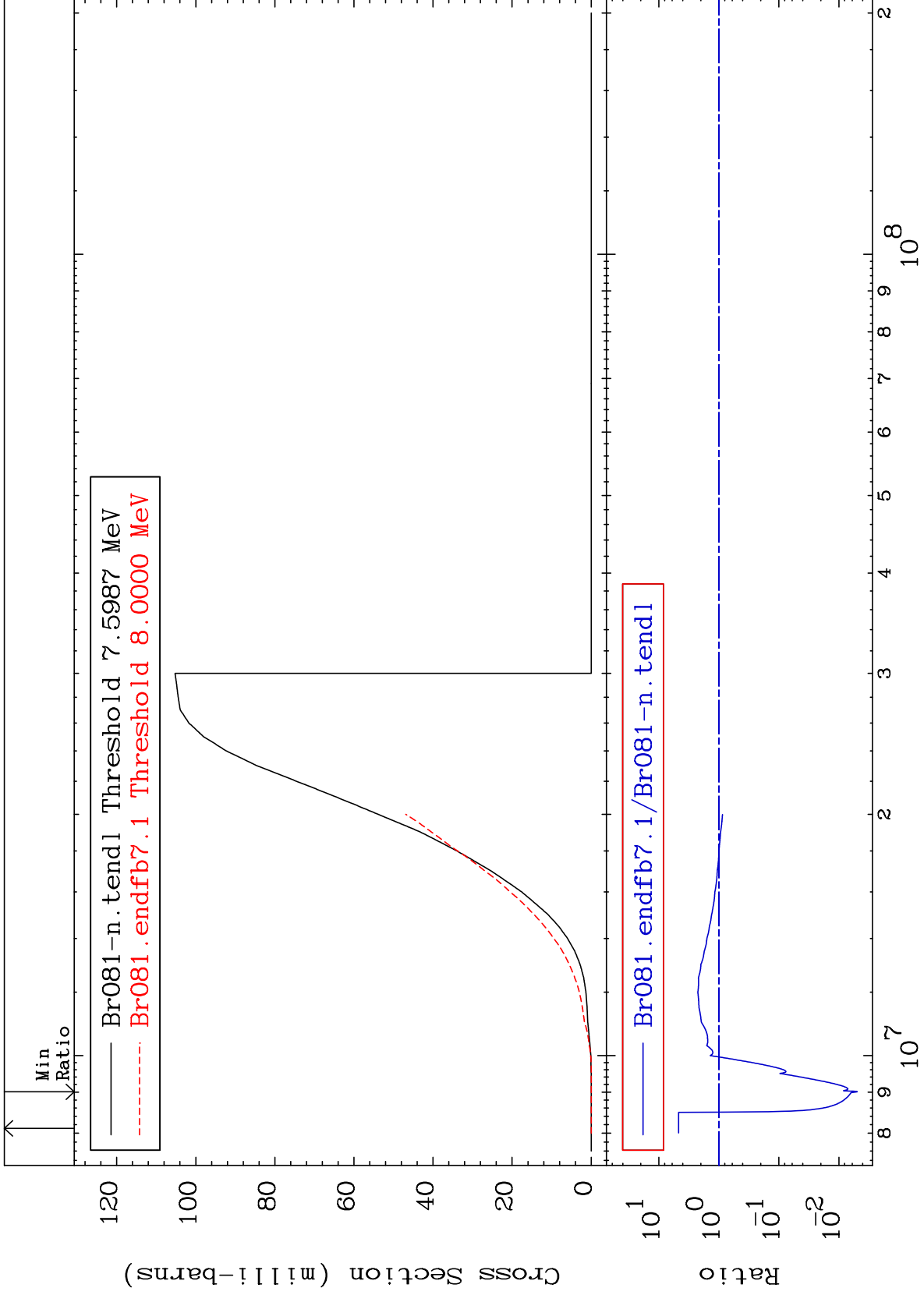
35-Br-81
-100.0 To 2915. %



MAT 3531

(n, n') p
Cross Section

35-Br-81
-99.51 To 368.3 %



7

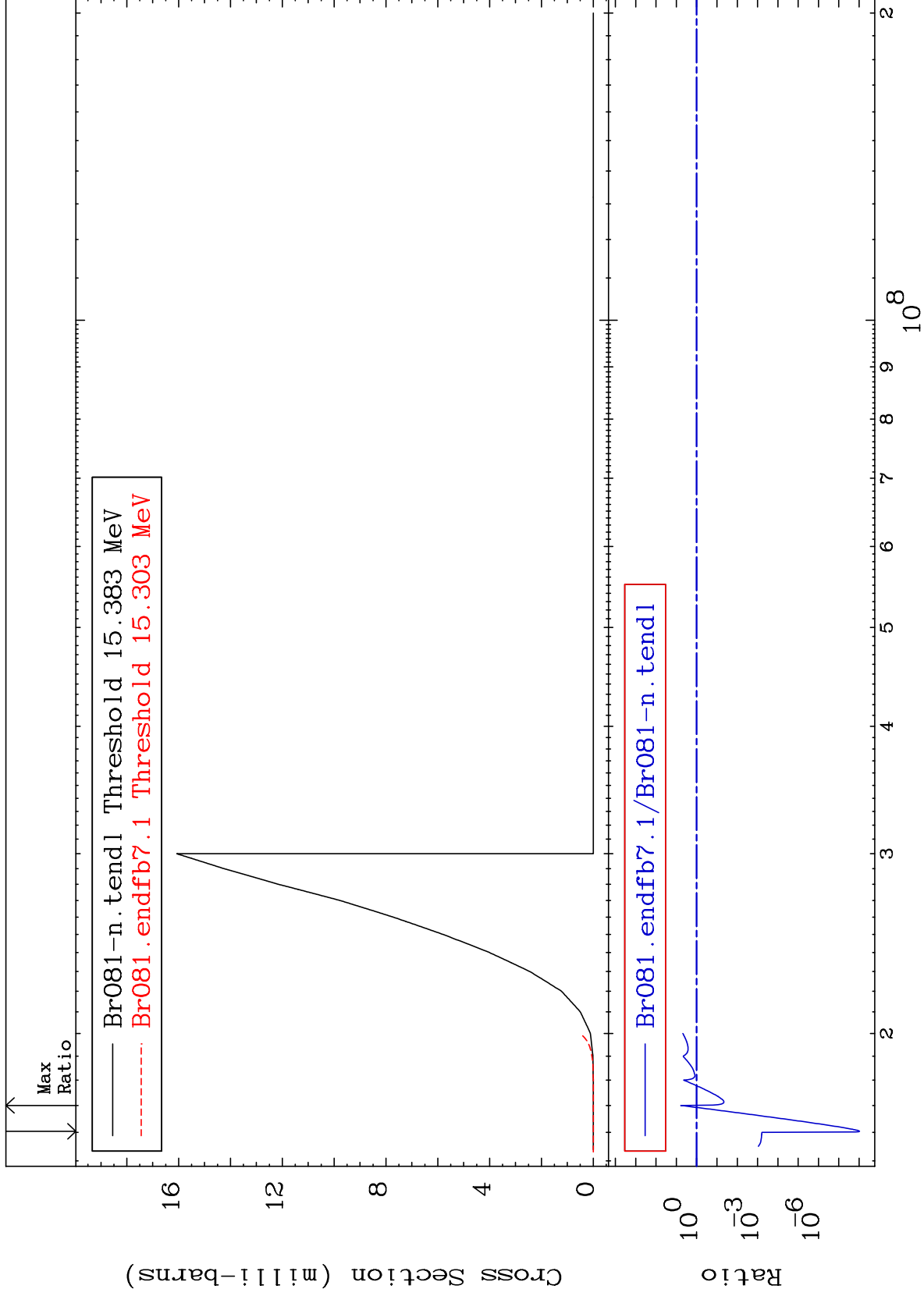
Incident Energy (eV)

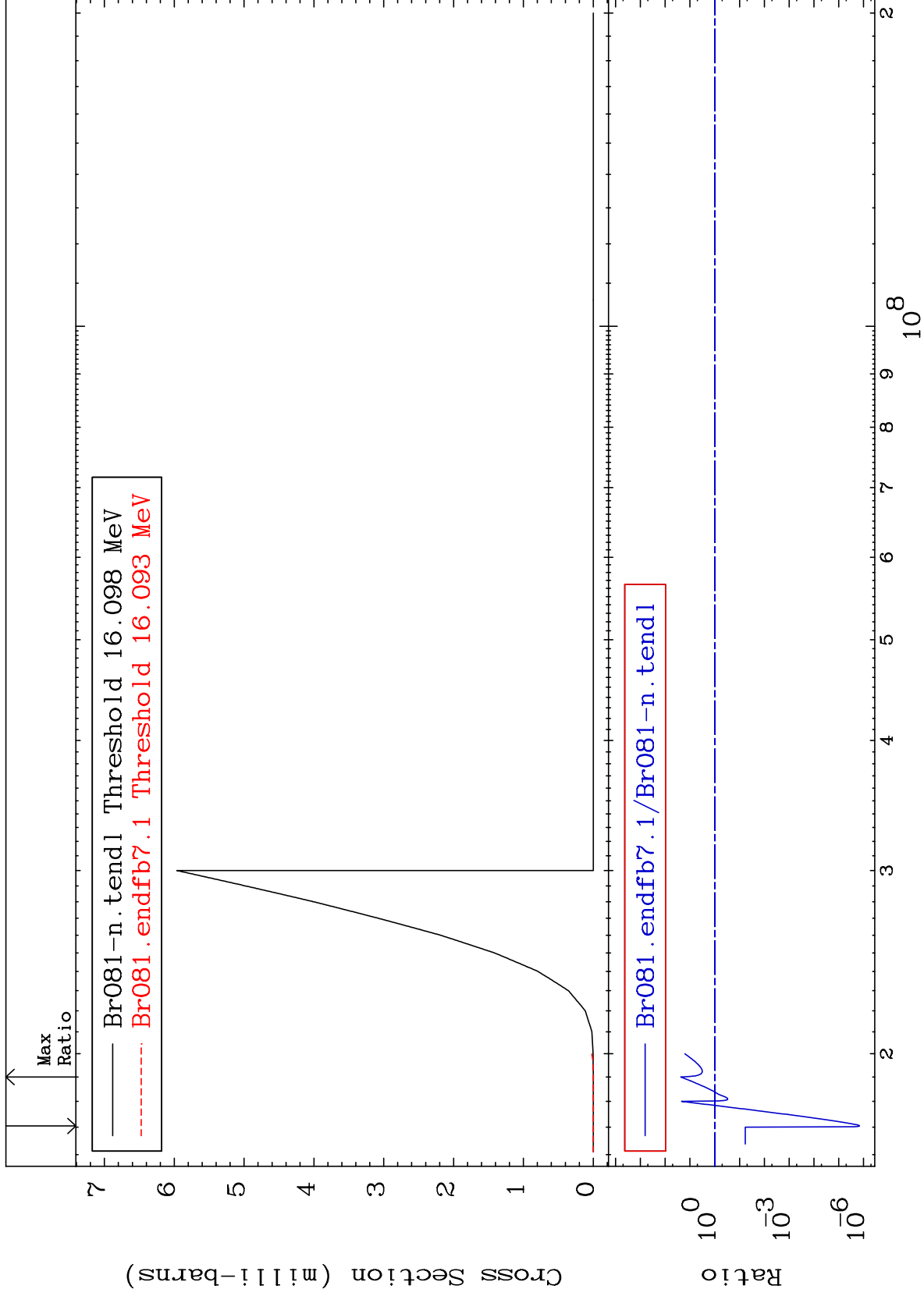
35-Br-81

MAT 3531

(n,n') d
Cross Section

35-Br-81
-100.0 To 505.0 %

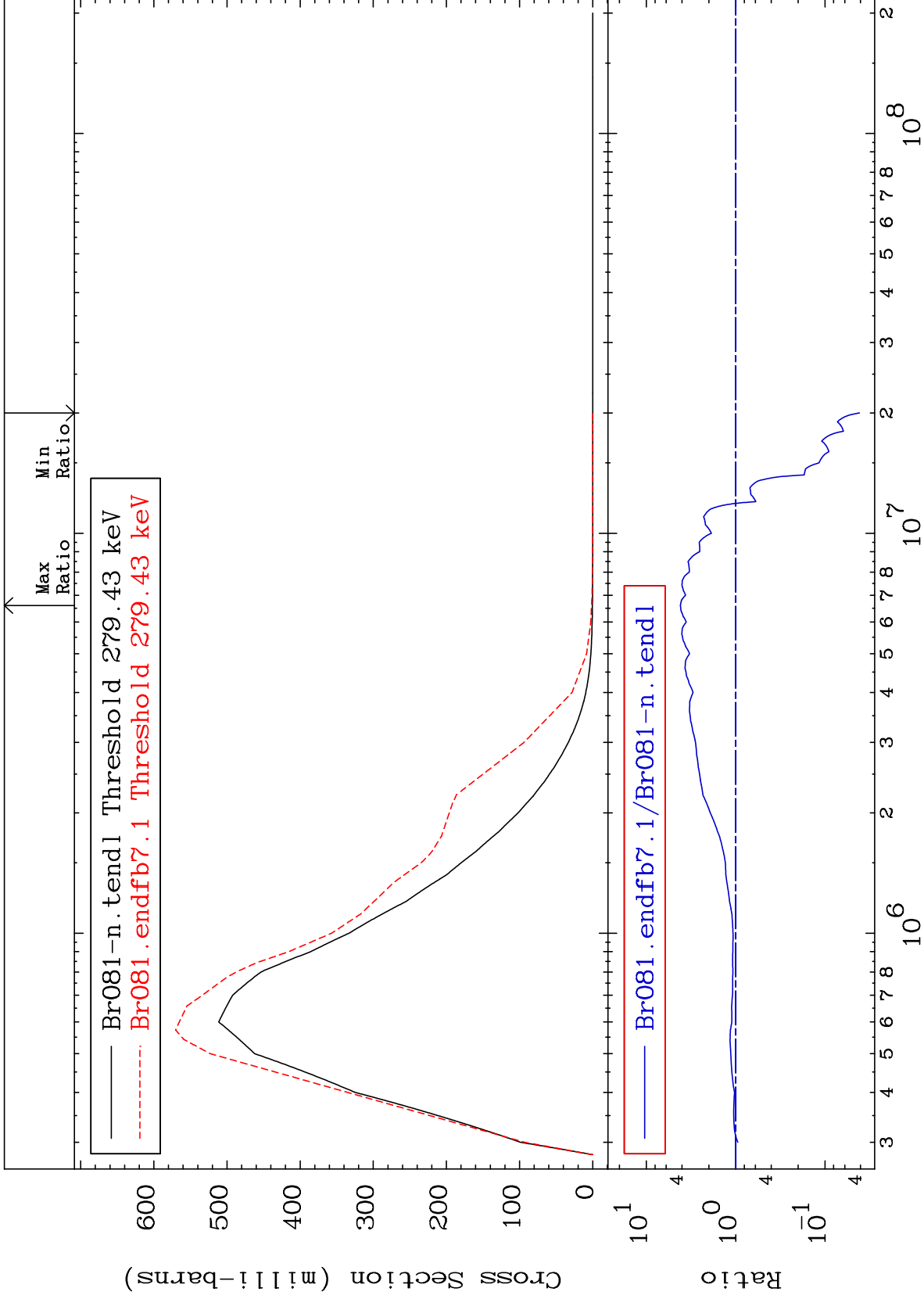




MAT 3531

276.0 keV (n,n') Level
Cross Section

35-Br-81
-95.89 To 316.5 %



10

Incident Energy (eV)

35-Br-81

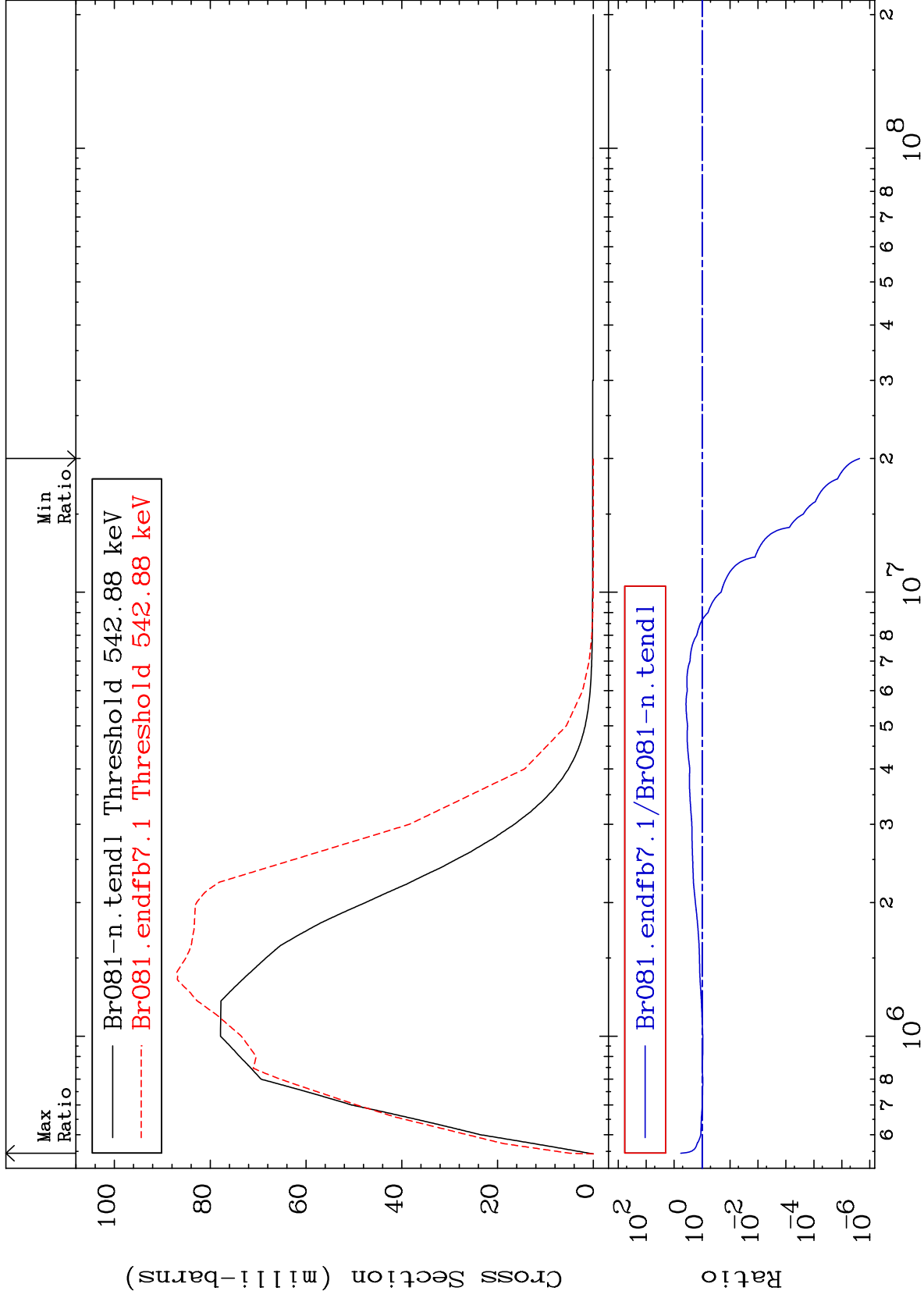
MAT 3531

536.2 keV (n,n') Level

³⁵Br-81

-100.0 To 479.9 %

Cross Section

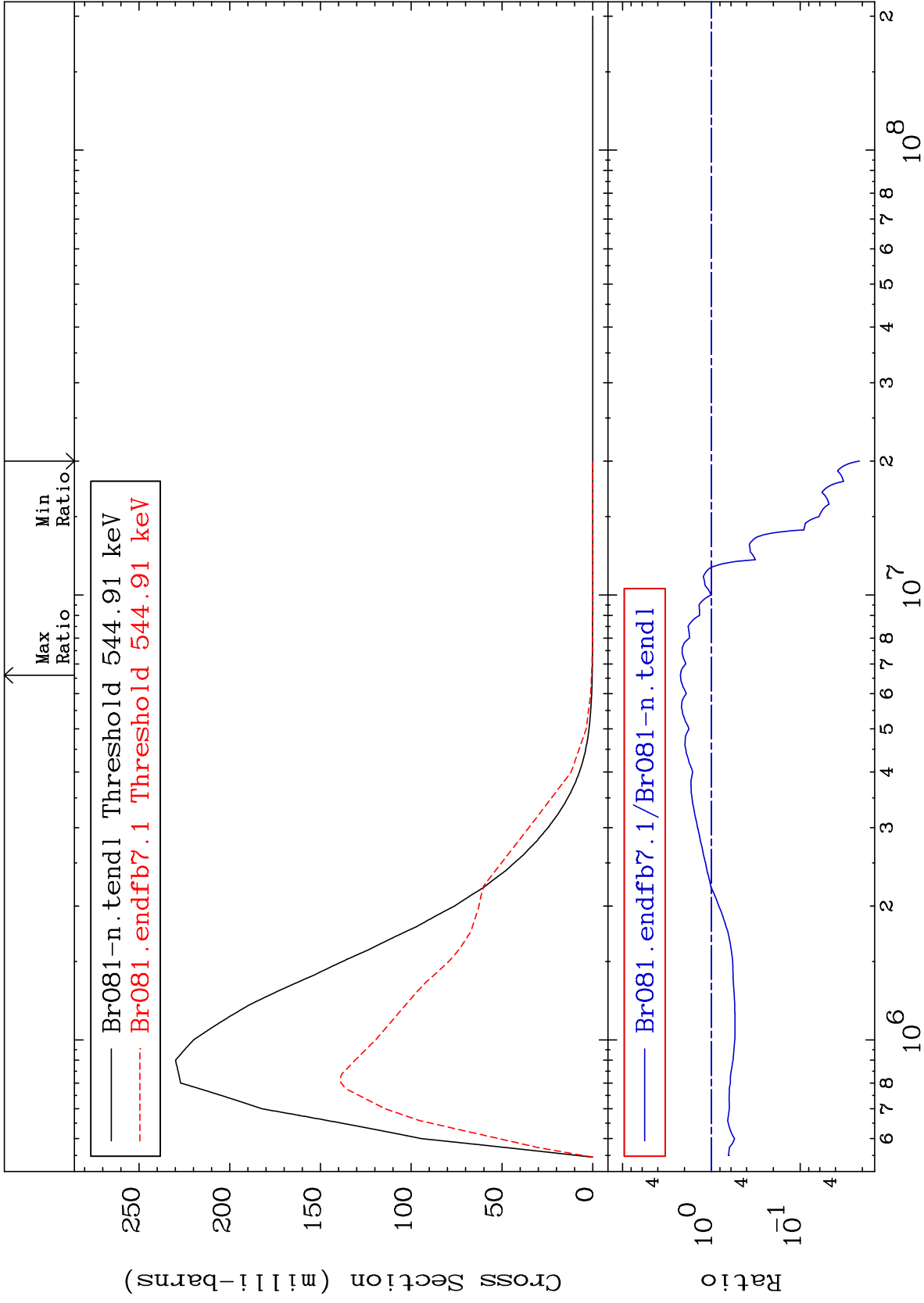


MAT 3531

538.2 keV (n,n') Level

³⁵Br-81

-97.85 To 123.1 %



12

Incident Energy (eV)

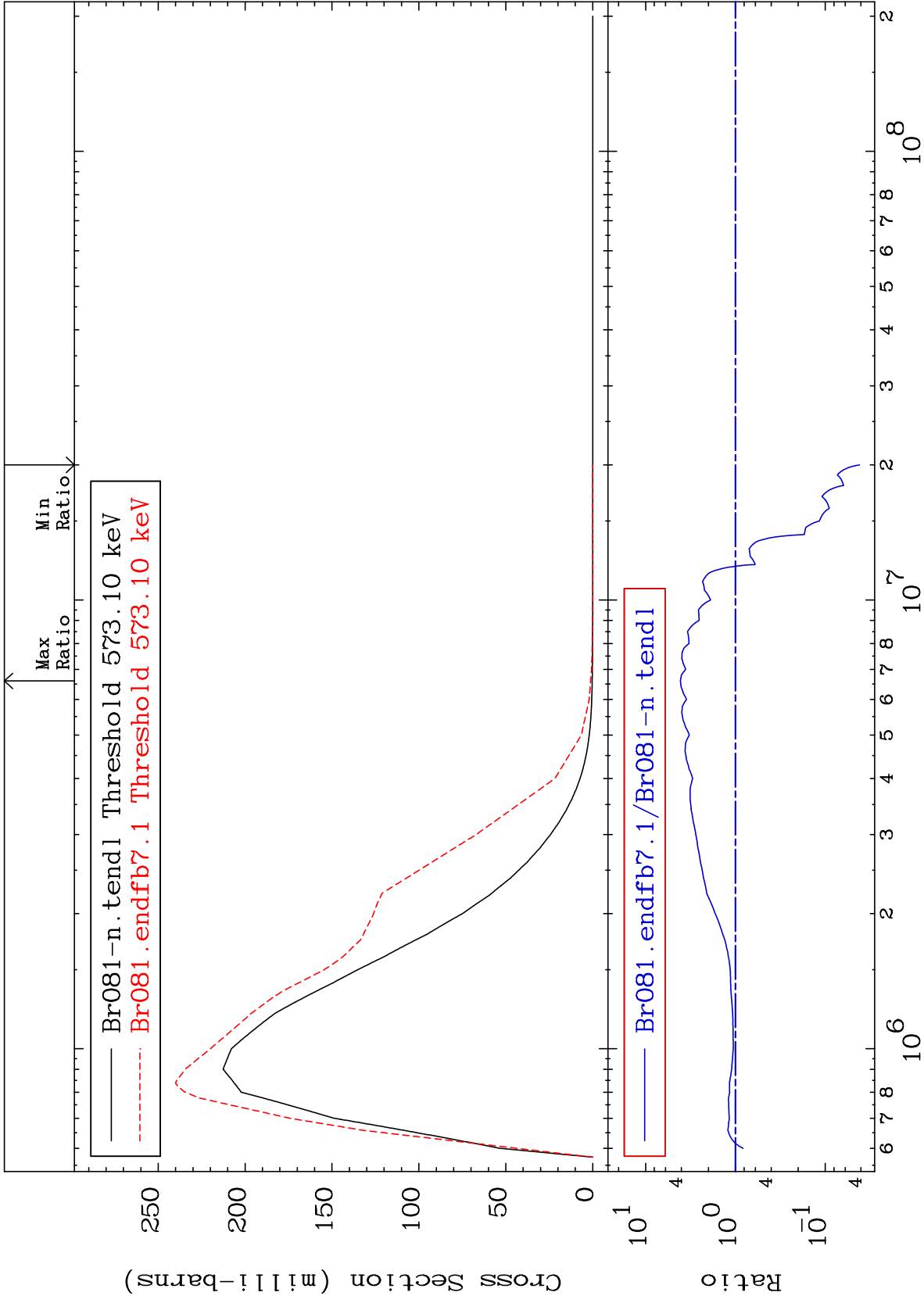
³⁵Br-81

MAT 3531

566.0 keV (n,n') Level

35-Br-81

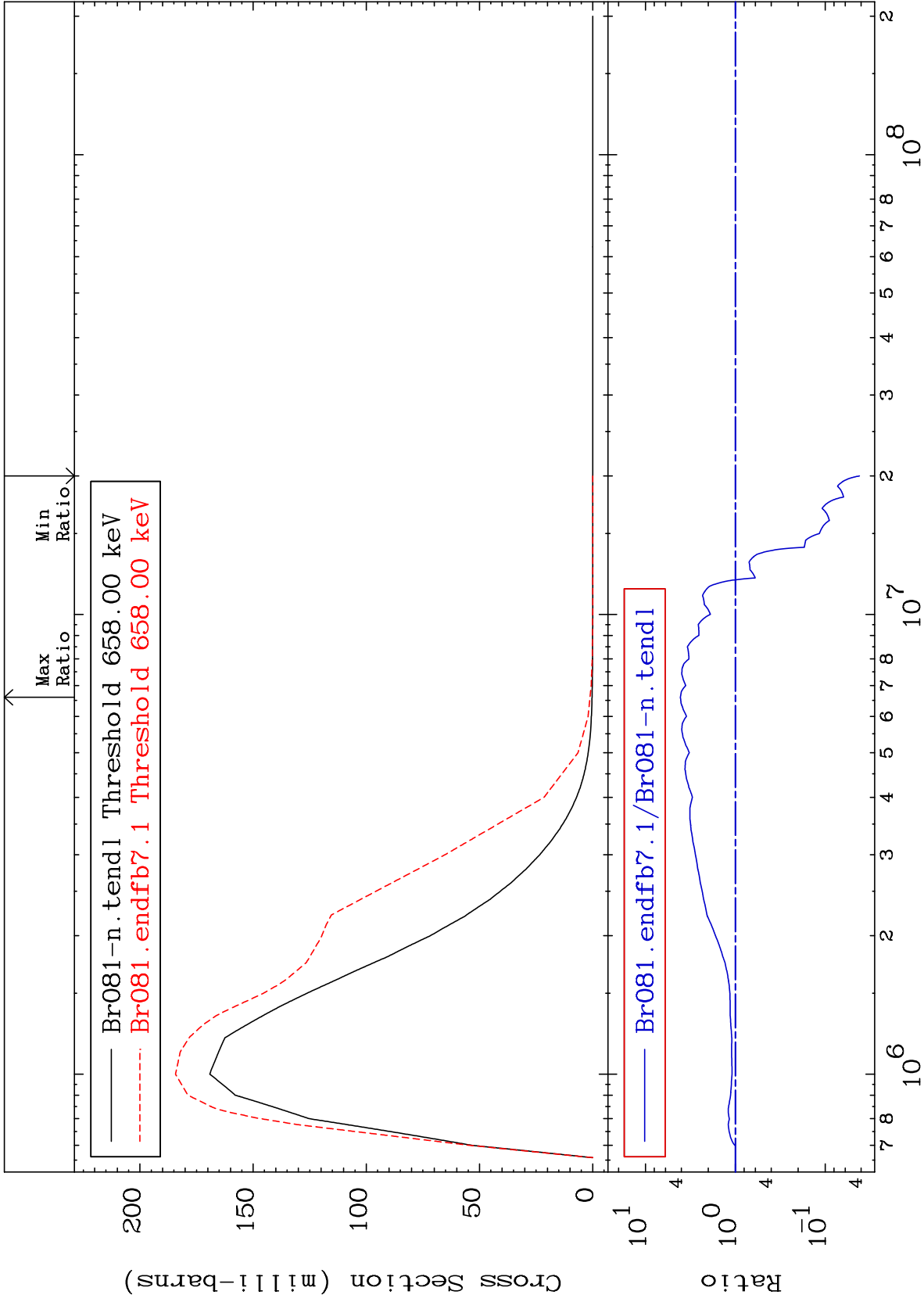
-95.84 To 310.5 %



MAT 3531

649.9 keV (n,n') Level
Cross Section

35-Br-81
-95.84 To 309.9 %



14

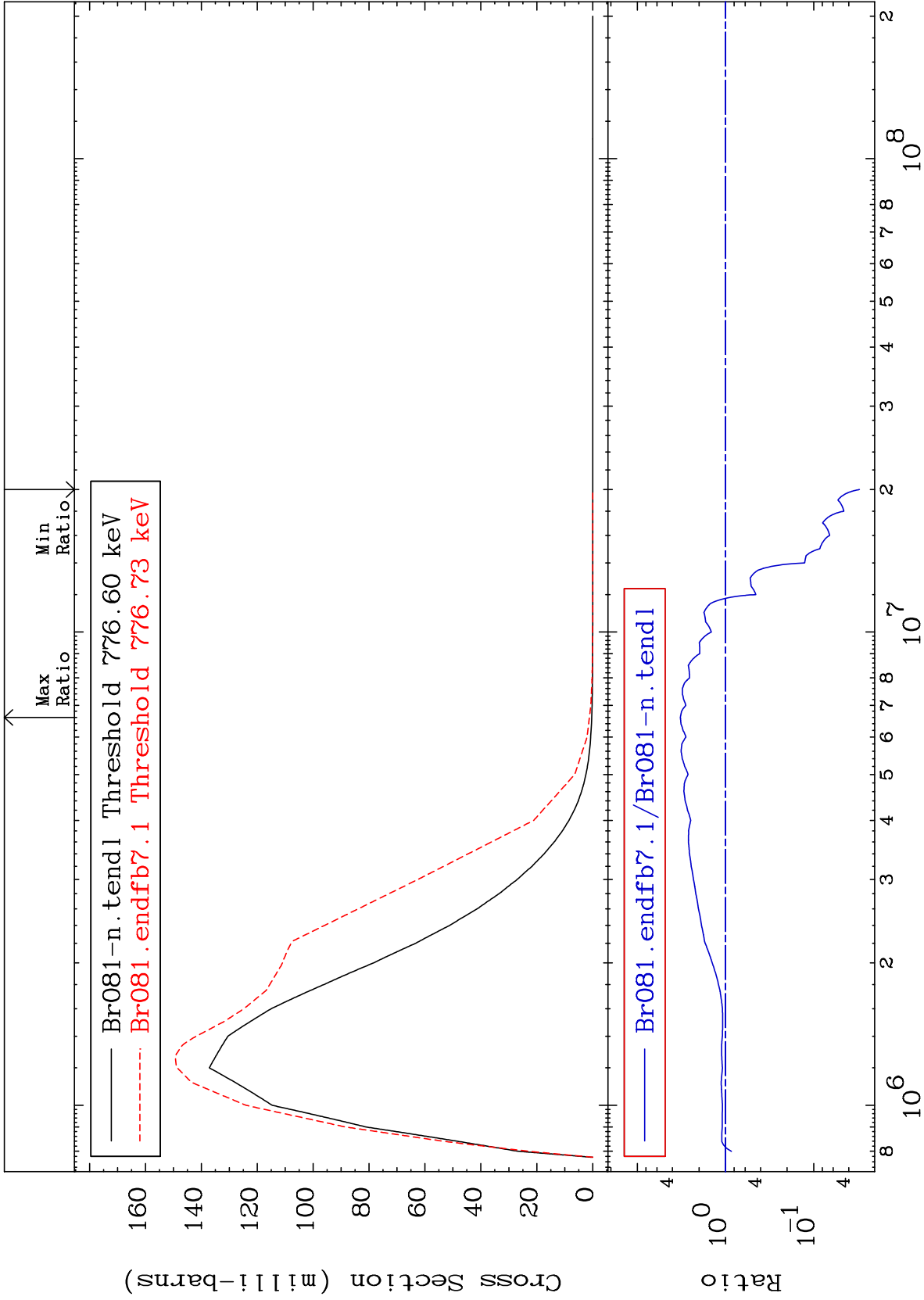
Incident Energy (eV)

35-Br-81

MAT 3531

767.0 keV (n,n') Level
Cross Section

35-Br-81
-96.97 To 225.6 %



15

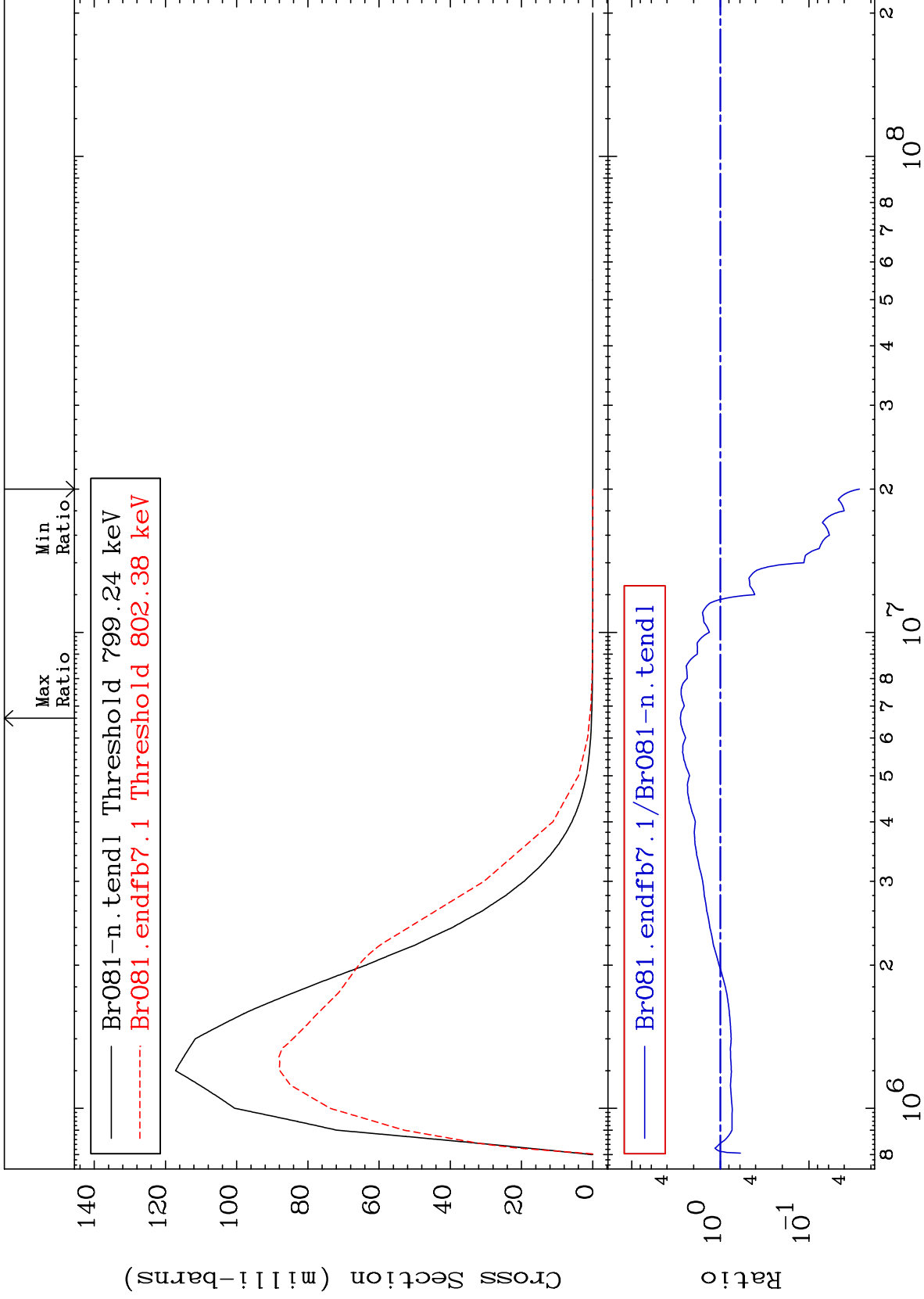
Incident Energy (eV)

35-Br-81

MAT 3531

789.4 keV (n,n') Level
Cross Section

³⁵Br-81
-97.30 To 182.3 %



16

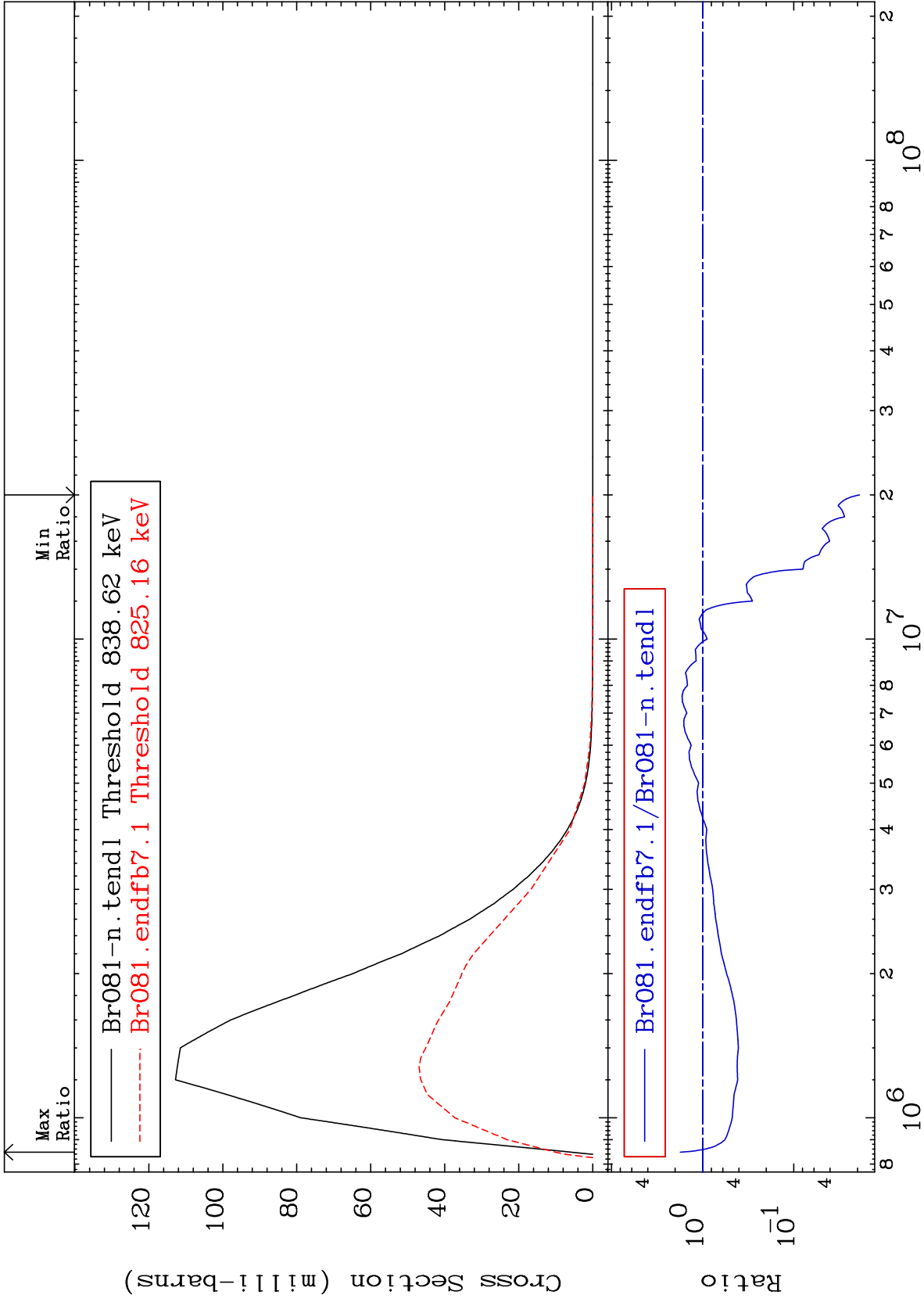
Incident Energy (eV)

³⁵Br-81

MAT 3531

828.3 keV (n,n') Level
Cross Section

35-Br-81
-98.10 To 75.32 %



17

Incident Energy (eV)

35-Br-81

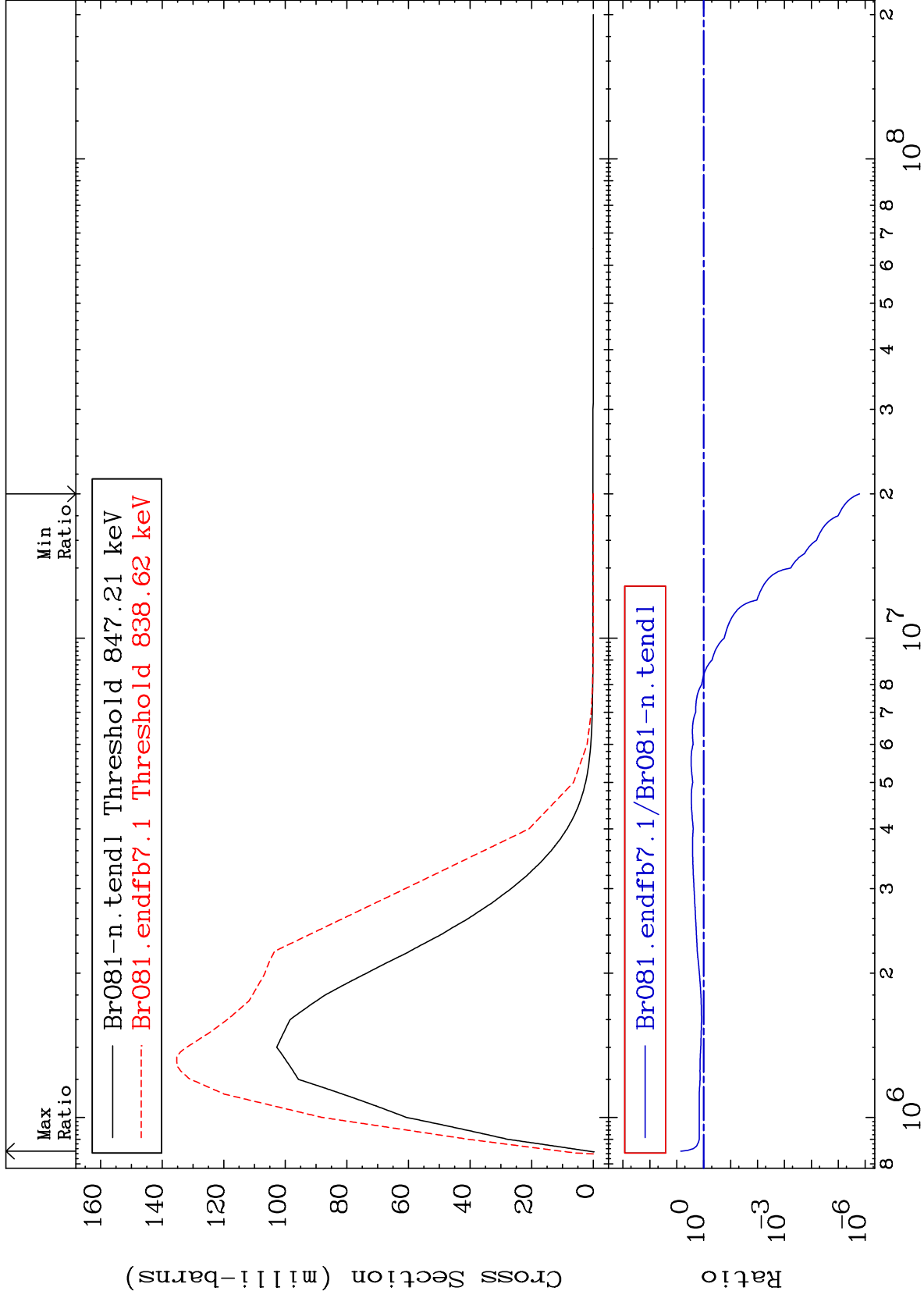
MAT 3531

836.8 keV (n,n') Level

³⁵Br-81

-100.0 To 610.2 %

Cross Section



18

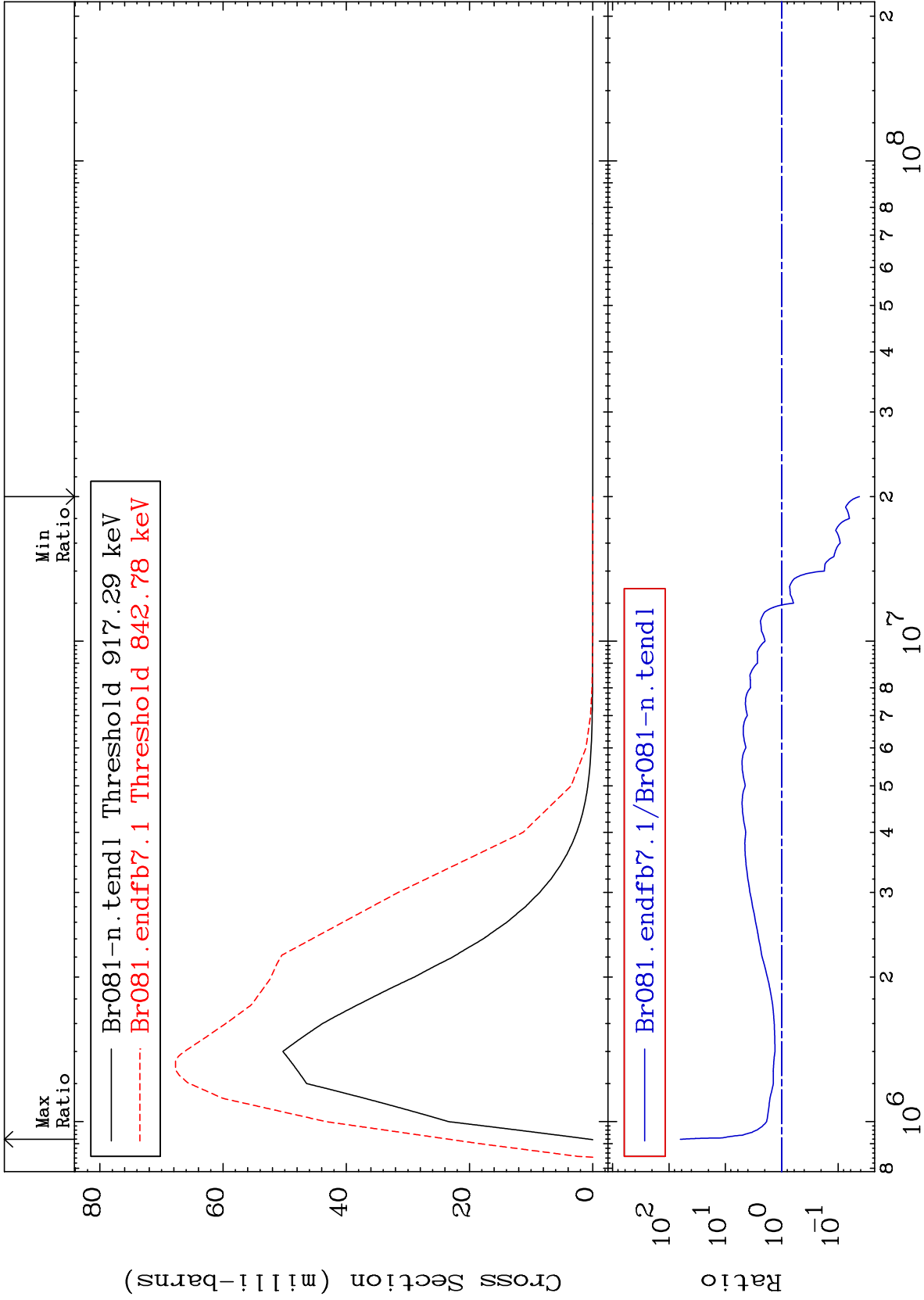
Incident Energy (eV)

³⁵Br-81

MAT 3531

906.0 keV (n,n') Level
Cross Section

35-Br-81
-95.81 To 6177. %



19

Incident Energy (eV)

35-Br-81

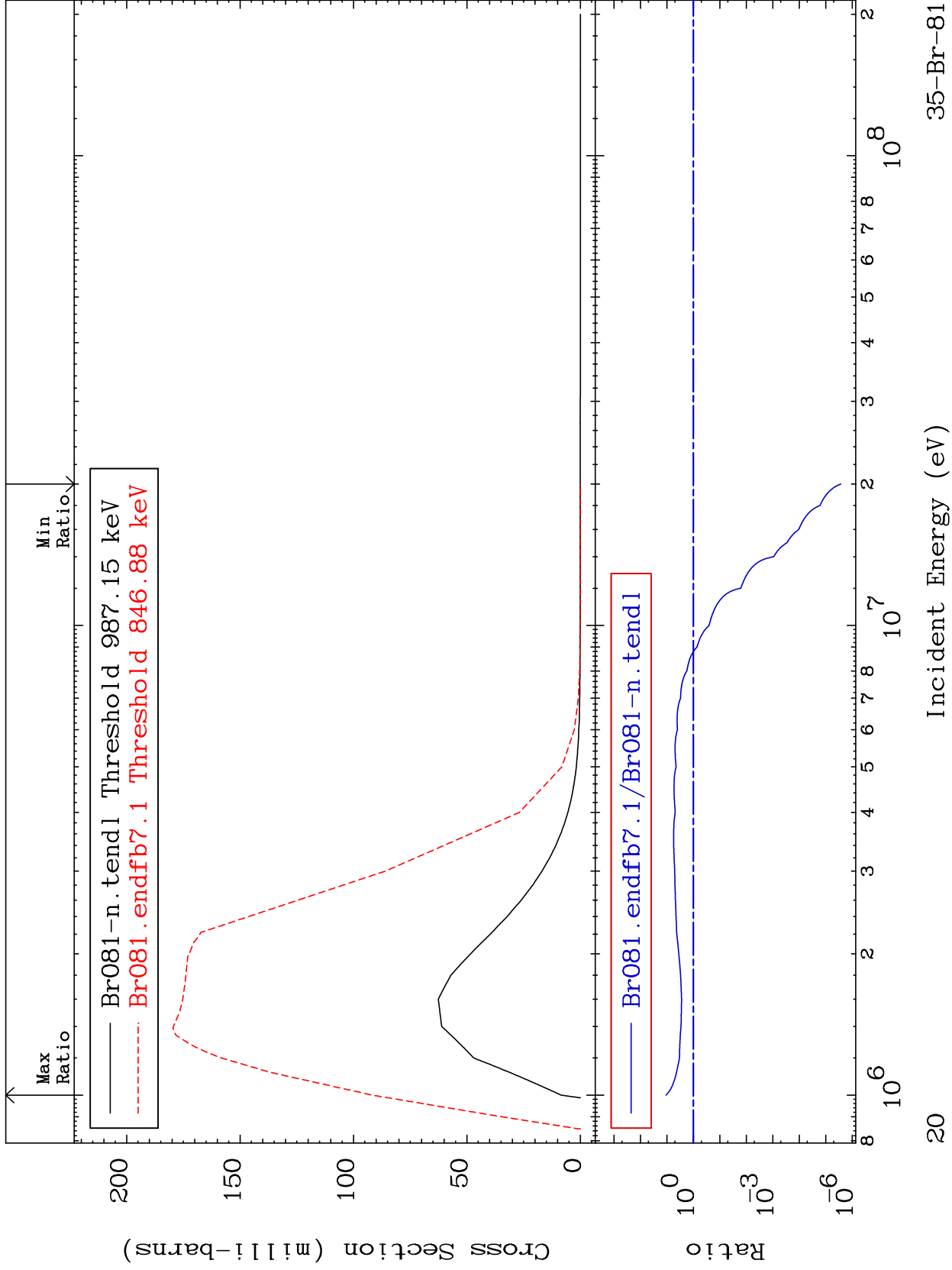
MAT 3531

975.0 keV (n,n') Level

³⁵Br-81

-100.0 To 986.6 %

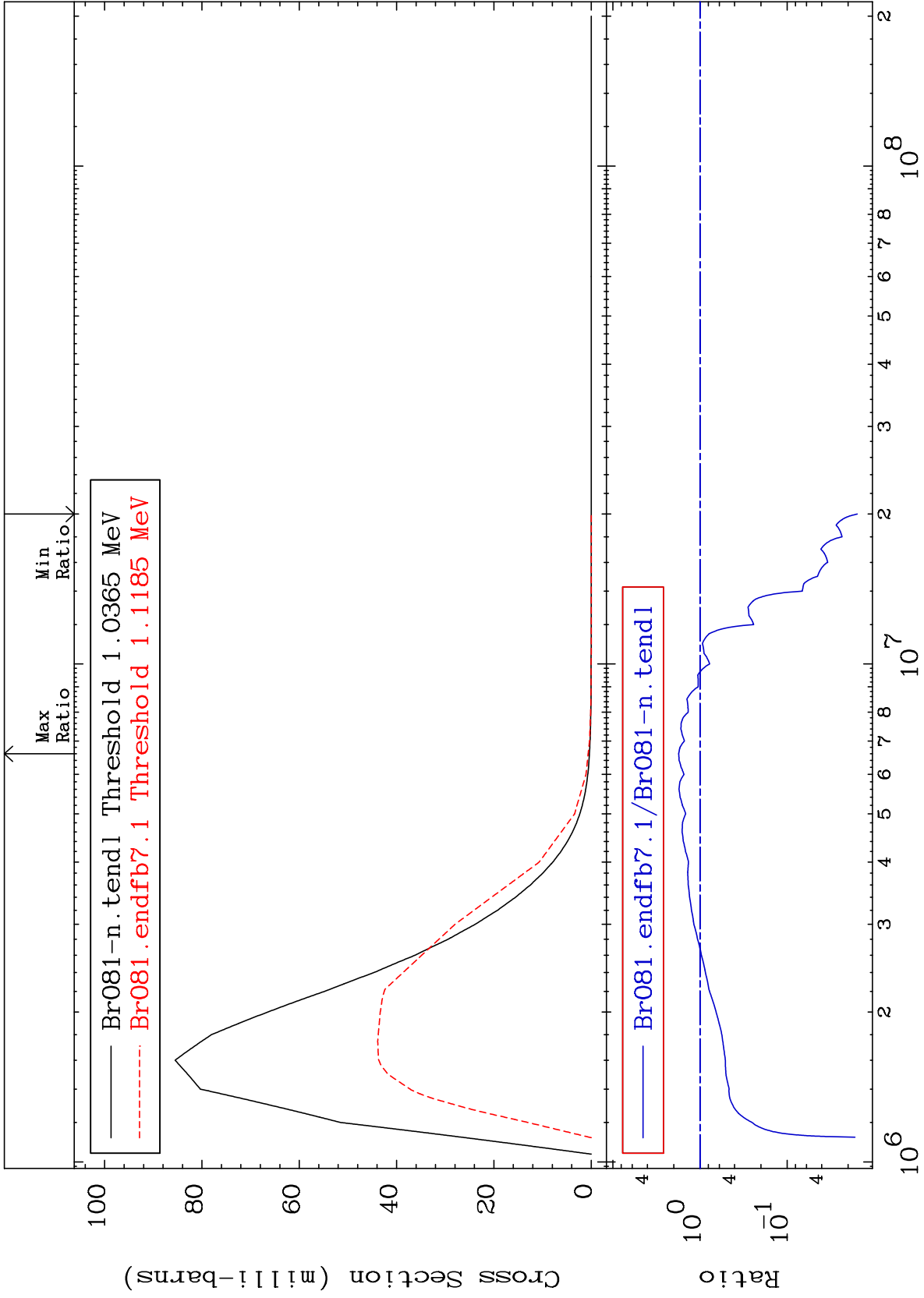
Cross Section



MAT 3531

1.024 MeV (n,n') Level
Cross Section

35-Br-81
-98.43 To 75.67 %



21

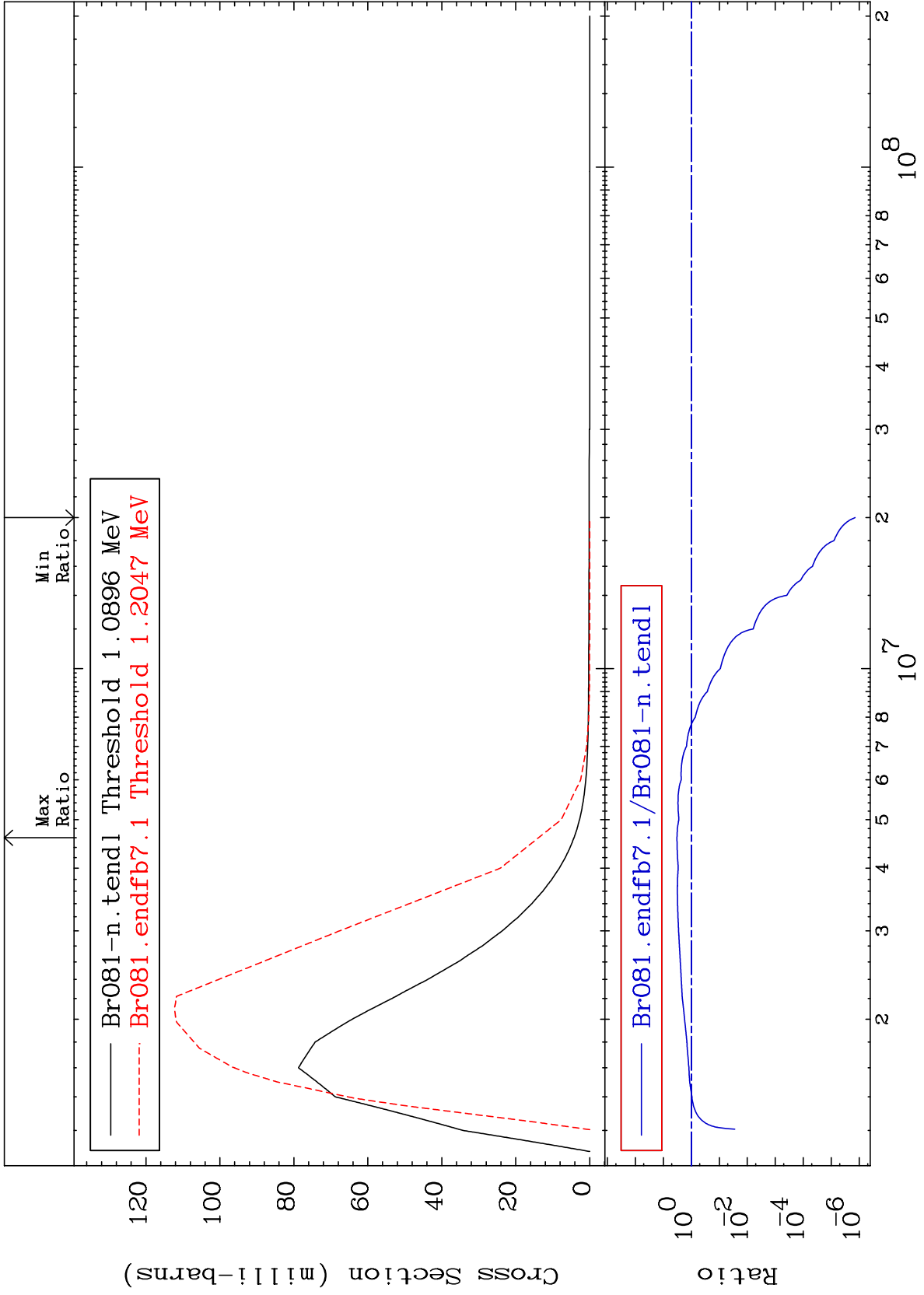
Incident Energy (eV)

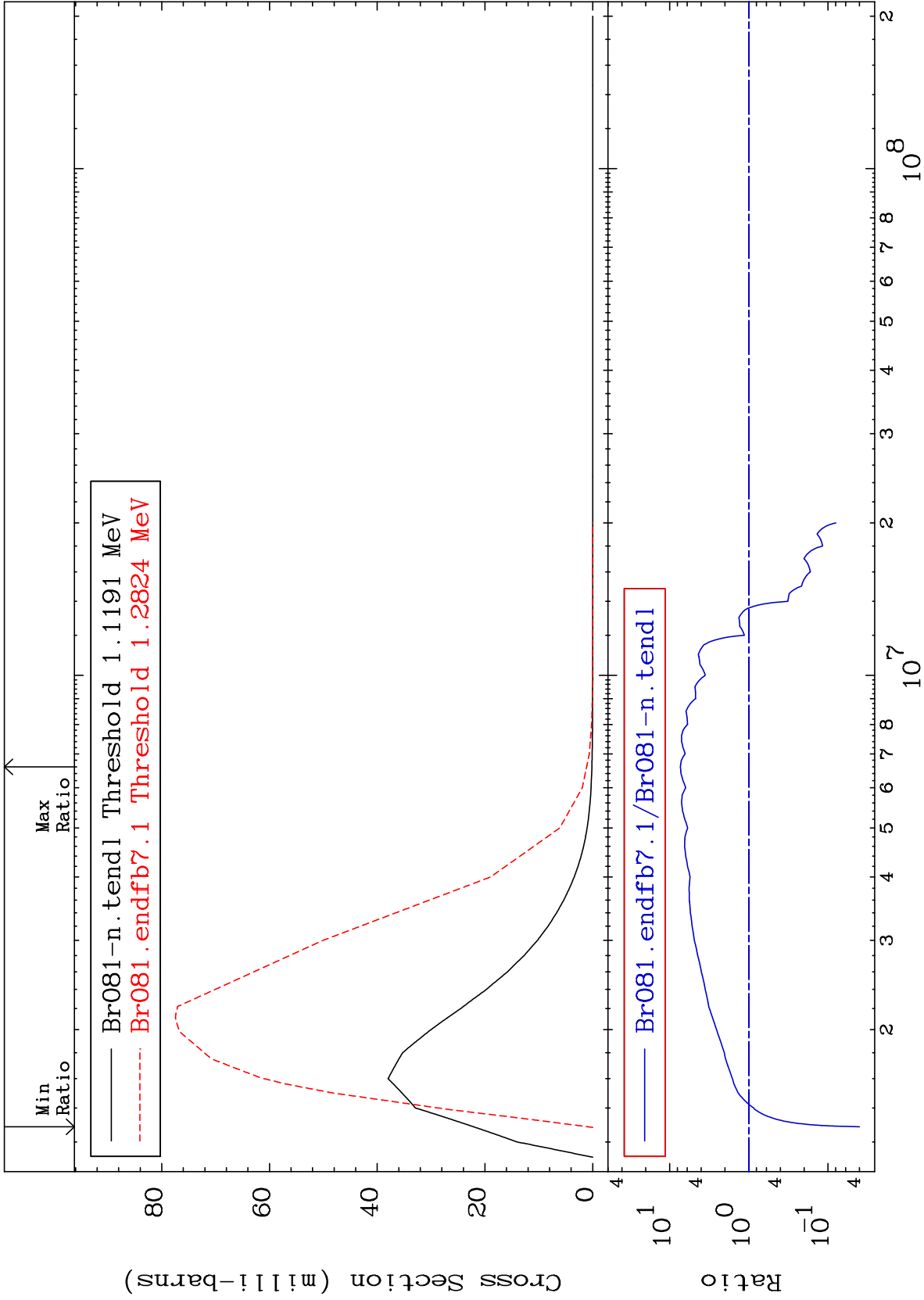
35-Br-81

MAT 3531

1.076 MeV (n,n') Level
Cross Section

35-Br-81
-100.0 To 227.0 %

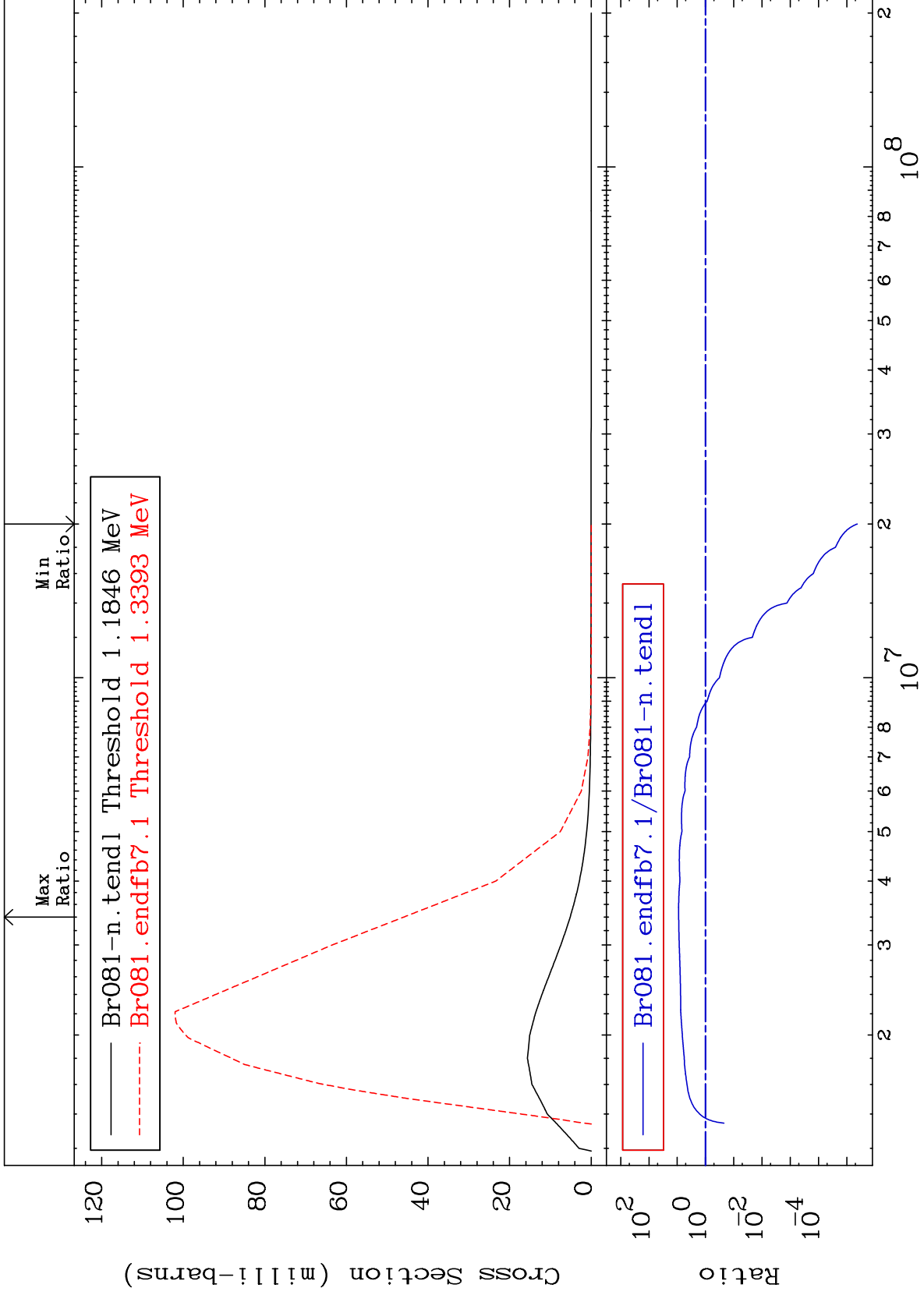




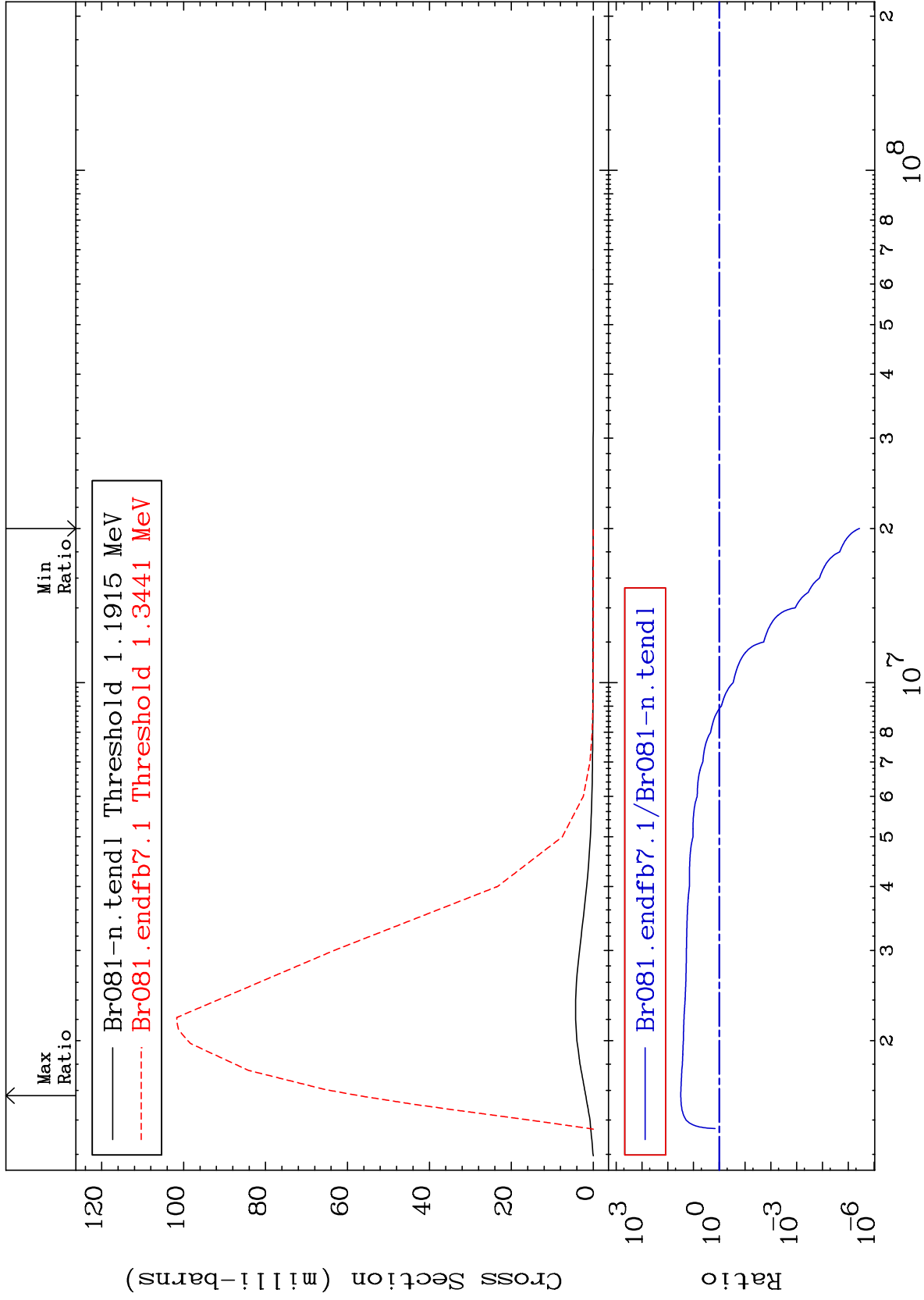
MAT 3531

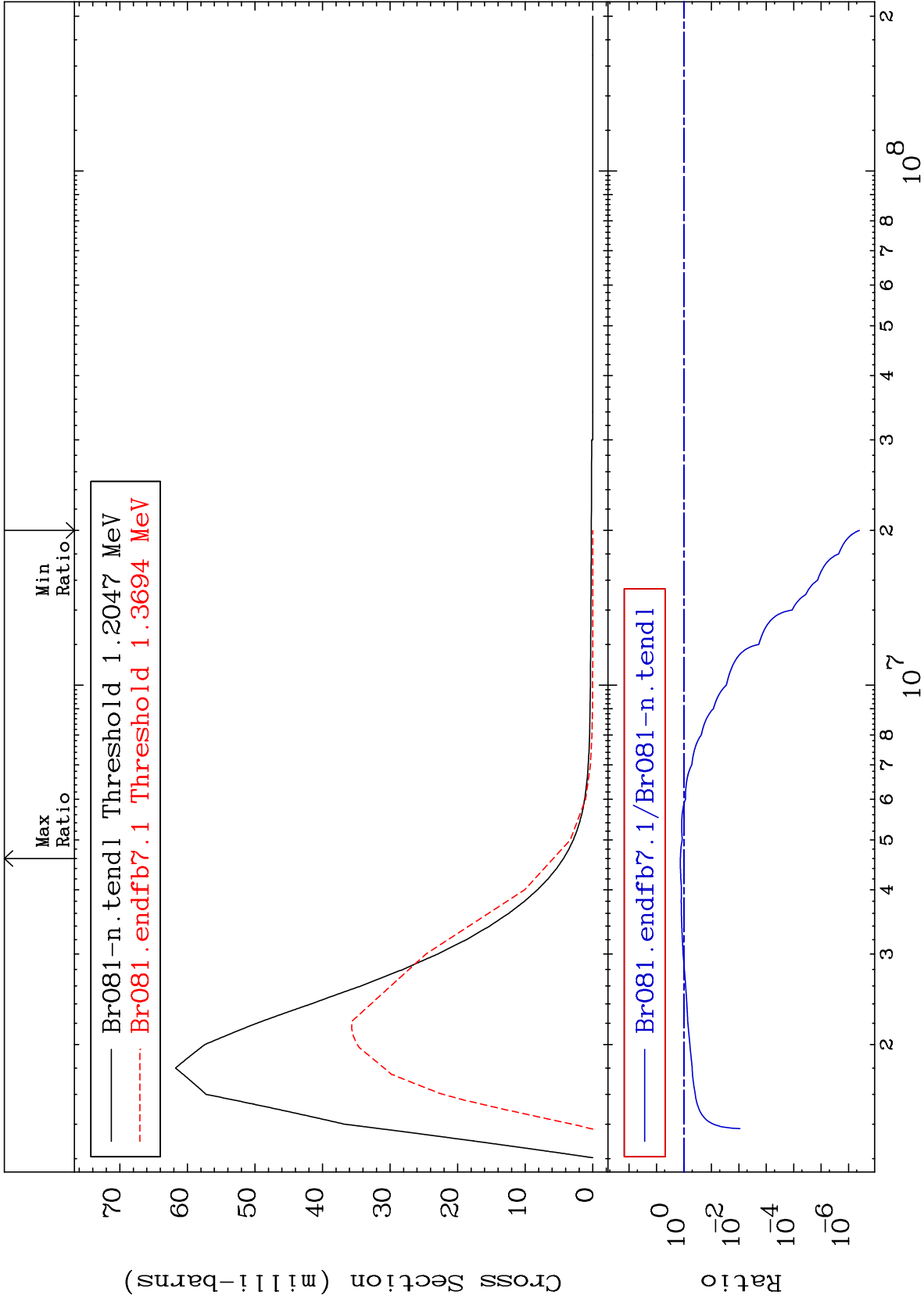
1.170 MeV (n,n') Level
Cross Section

35-Br-81
-100.0 To 792.1 %



MAT 3531 1.177 MeV (n,n') Level 35-Br-81
 Cross Section -100.0 To 3022. %

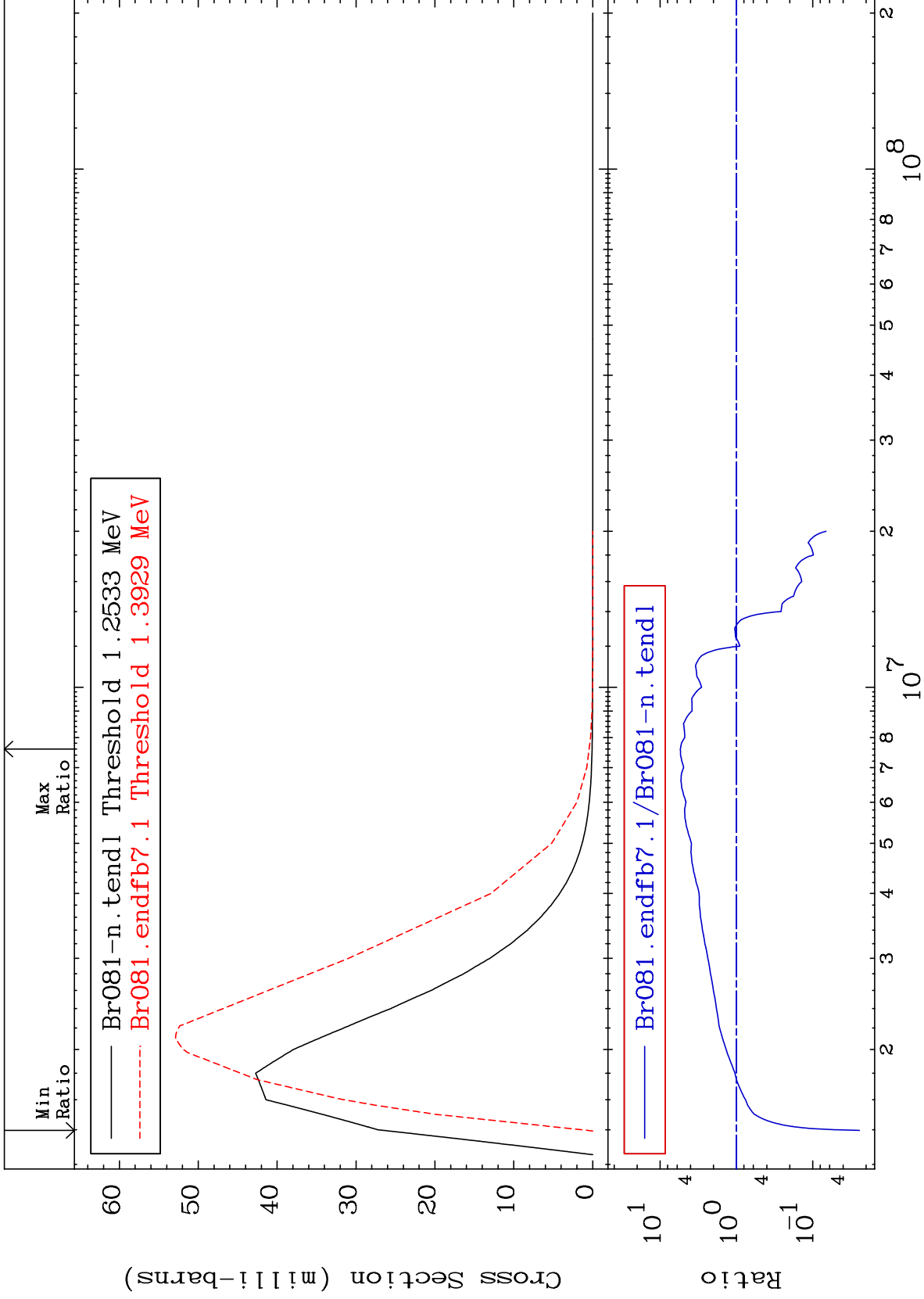


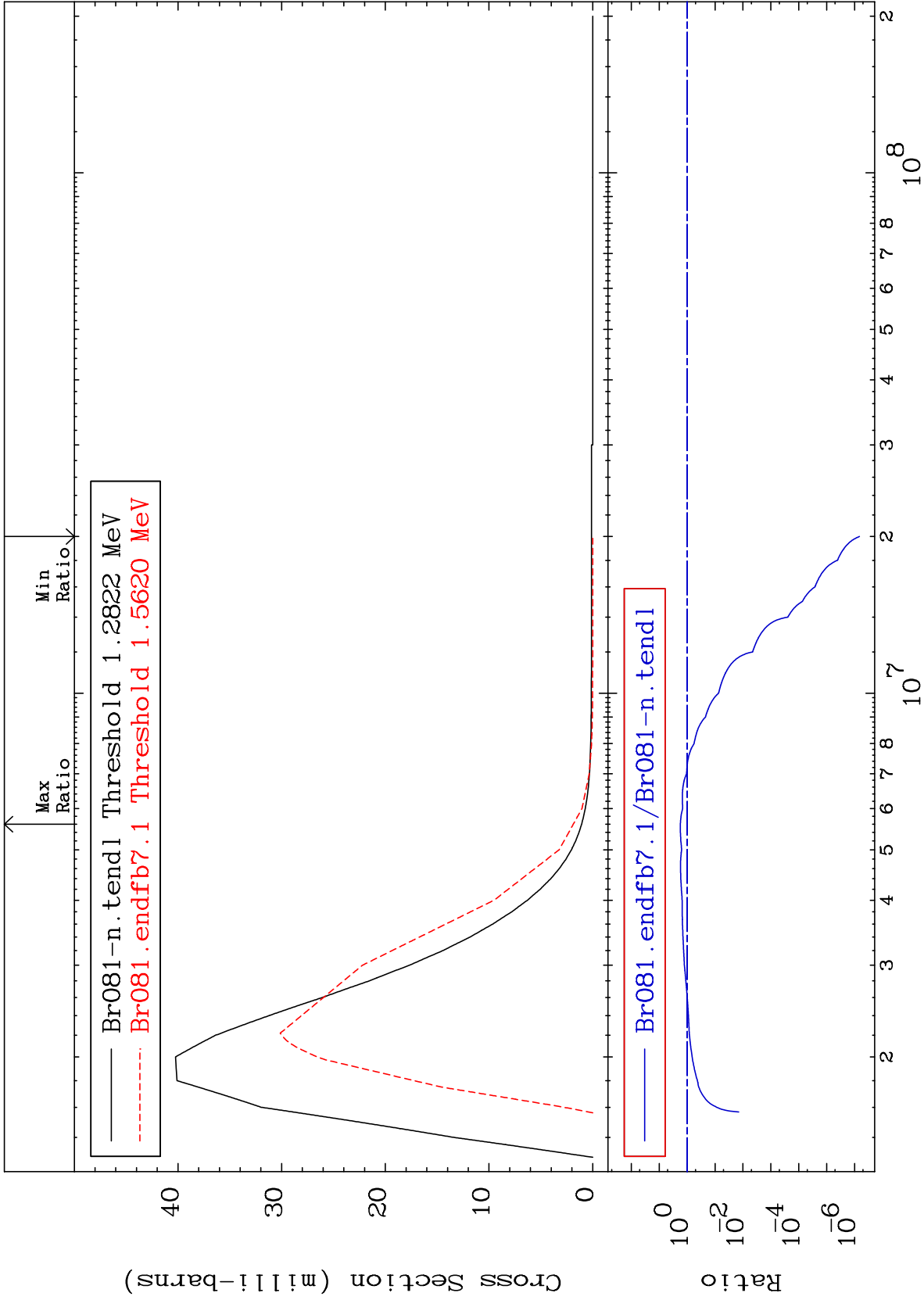


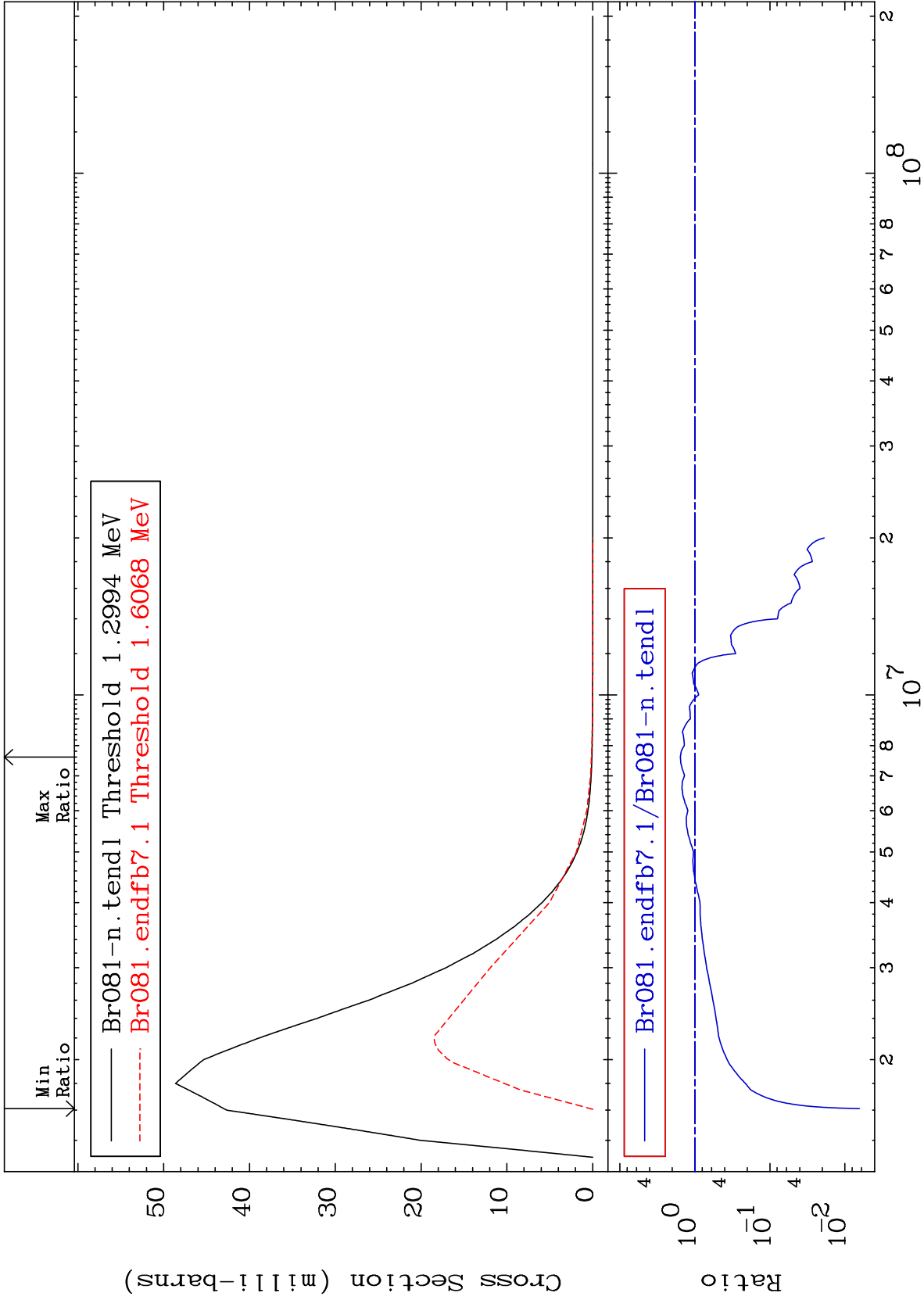
MAT 3531

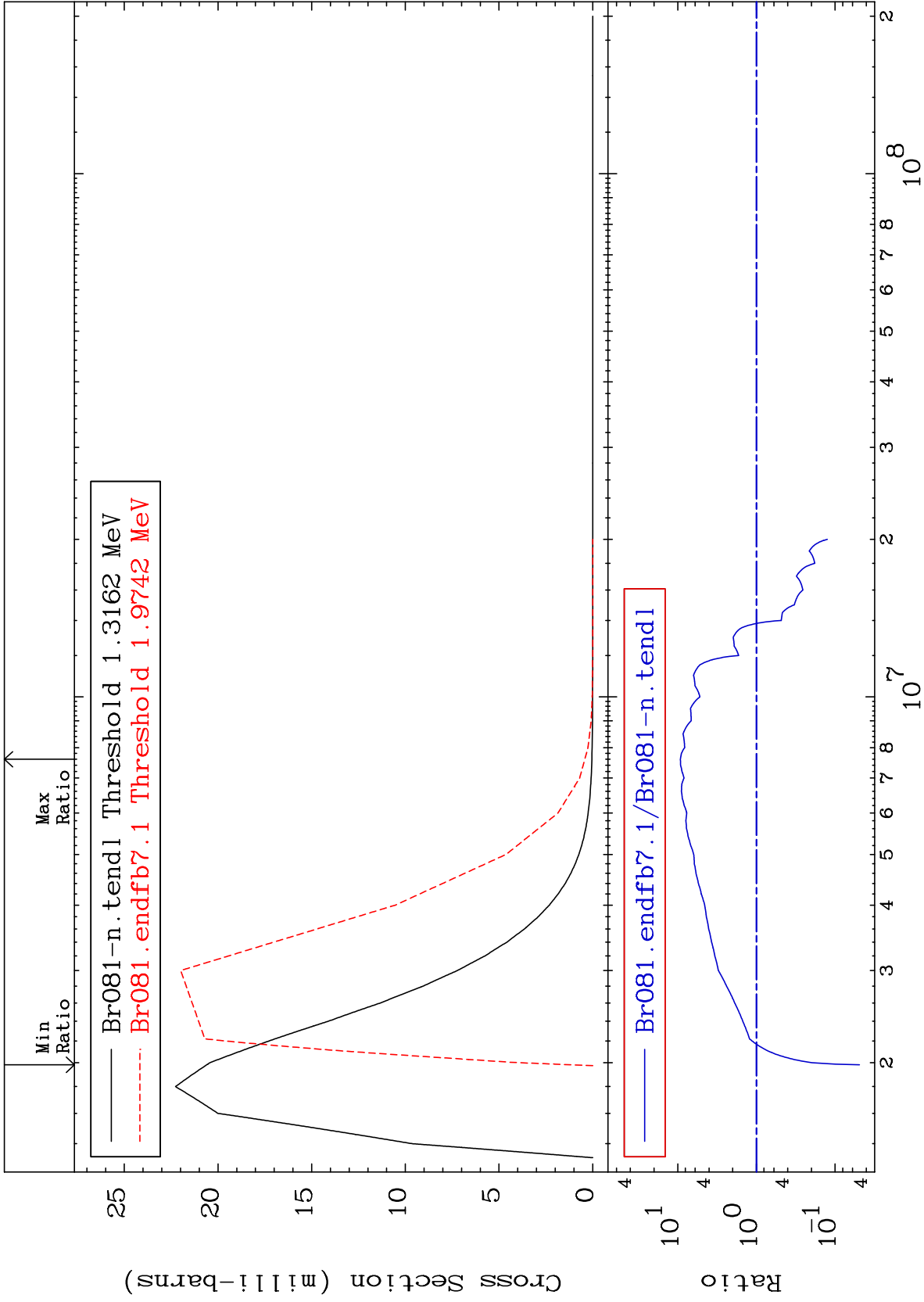
1.238 MeV (n,n') Level
Cross Section

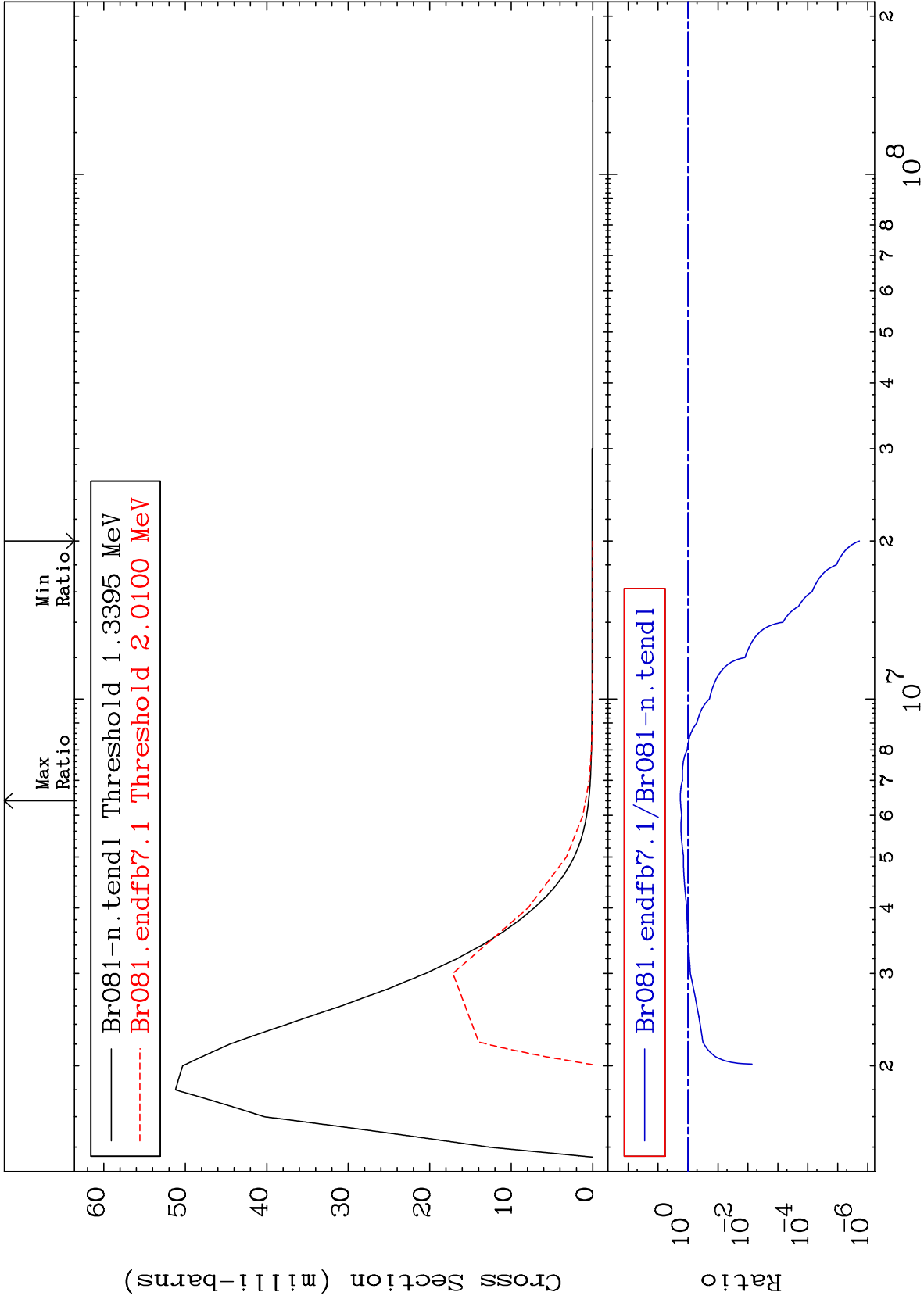
35-Br-81
-97.56 To 443.7 %







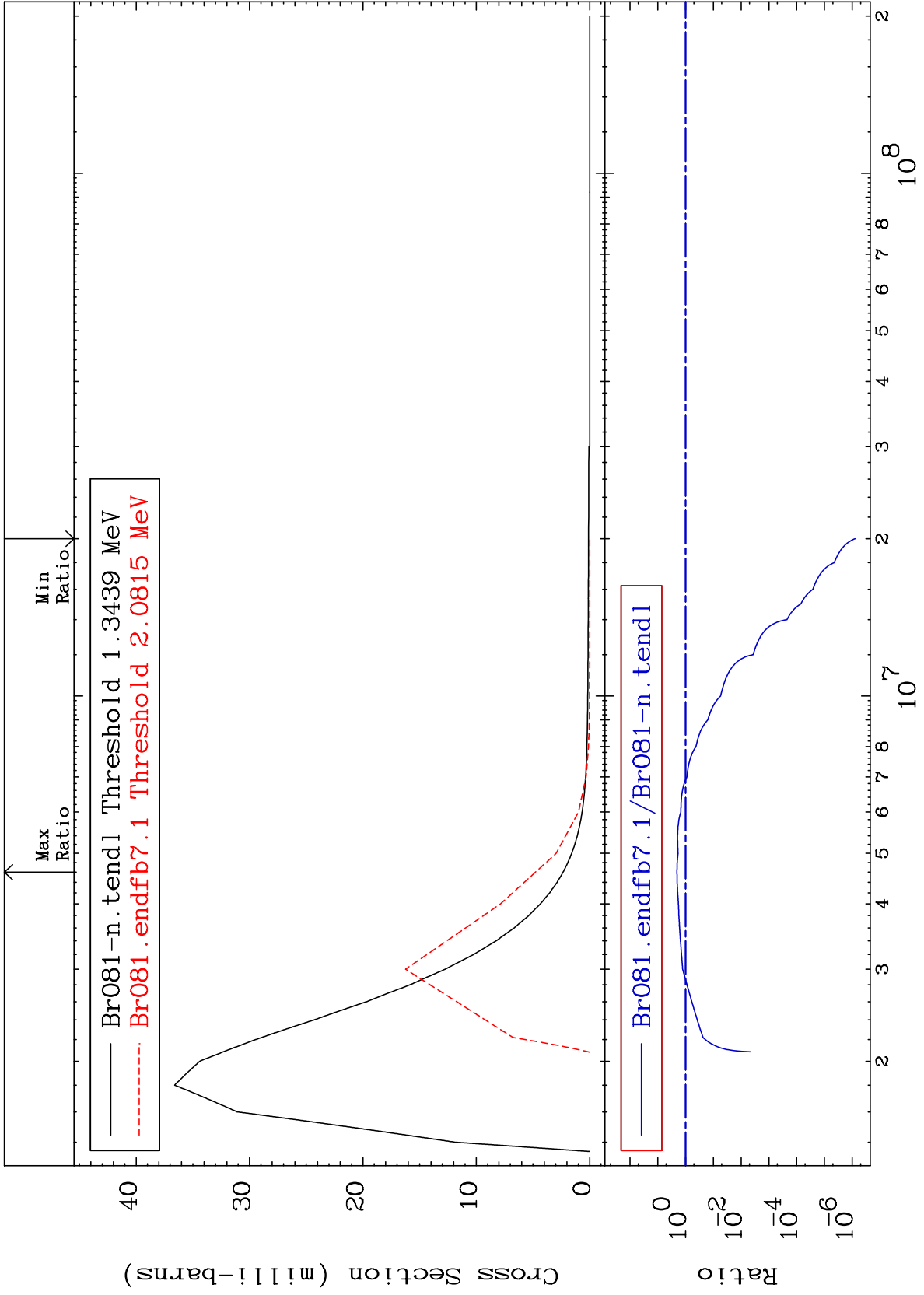


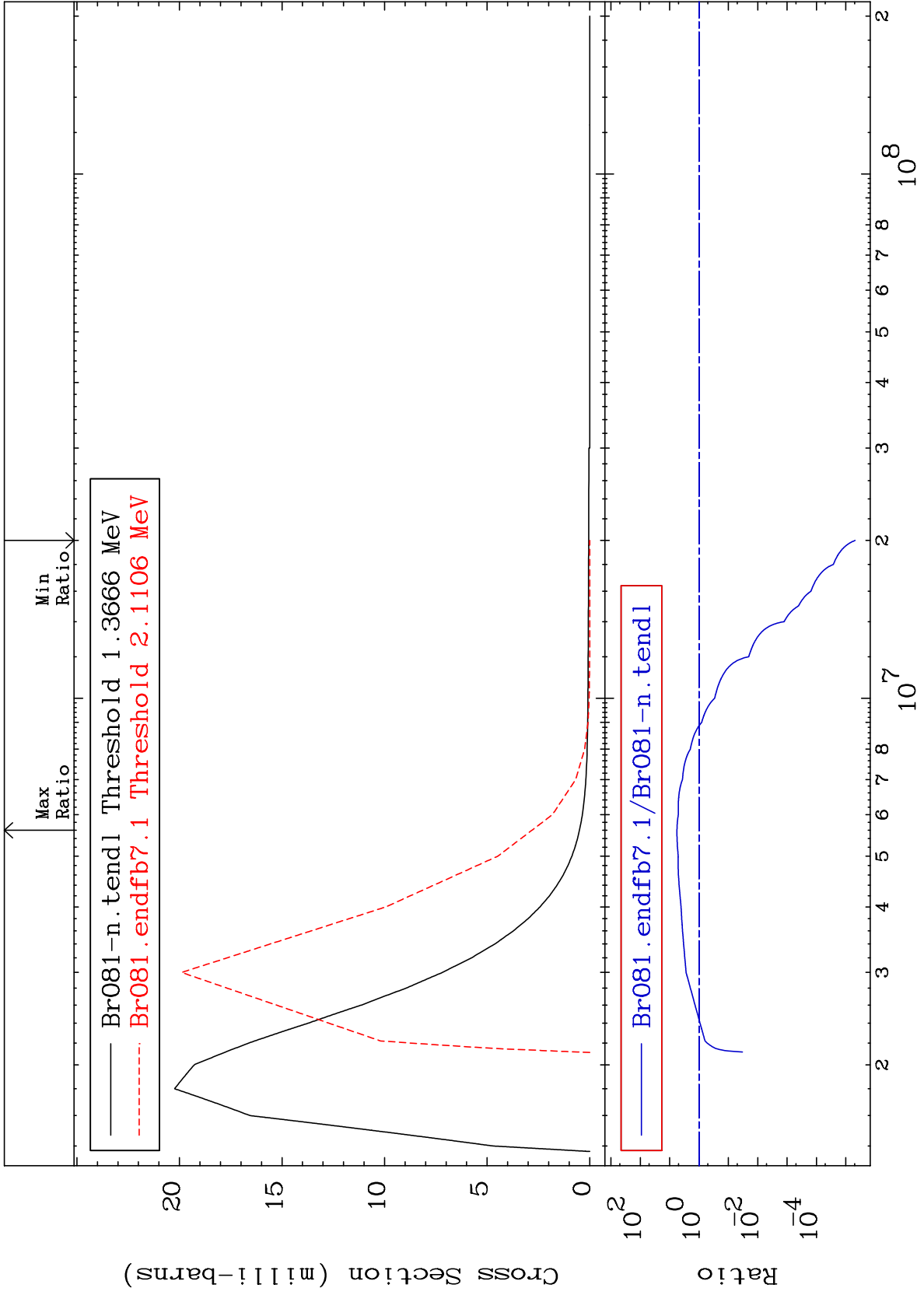


MAT 3531

1.327 MeV (n,n') Level
Cross Section

35-Br-81
-100.0 To 104.1 %

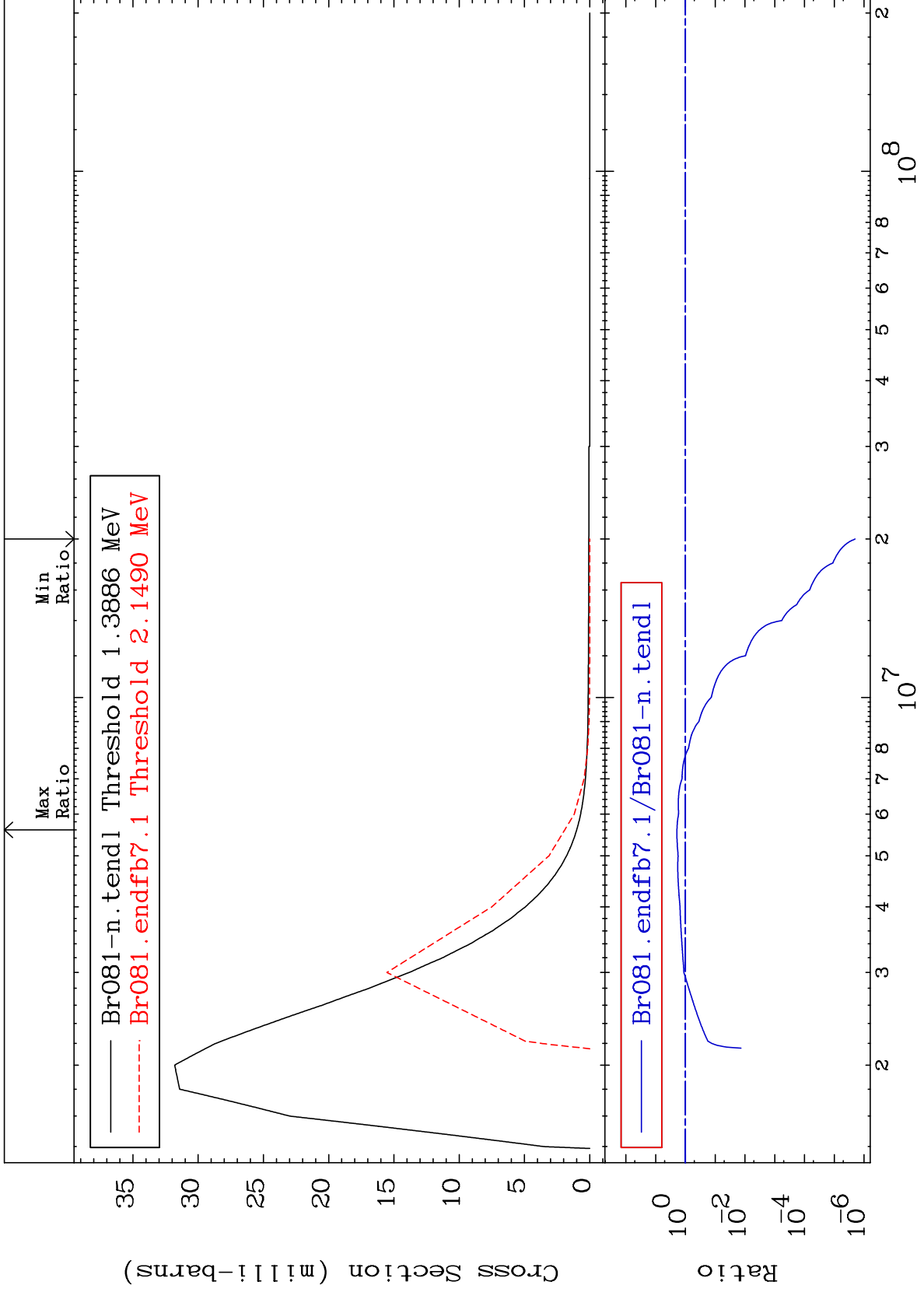


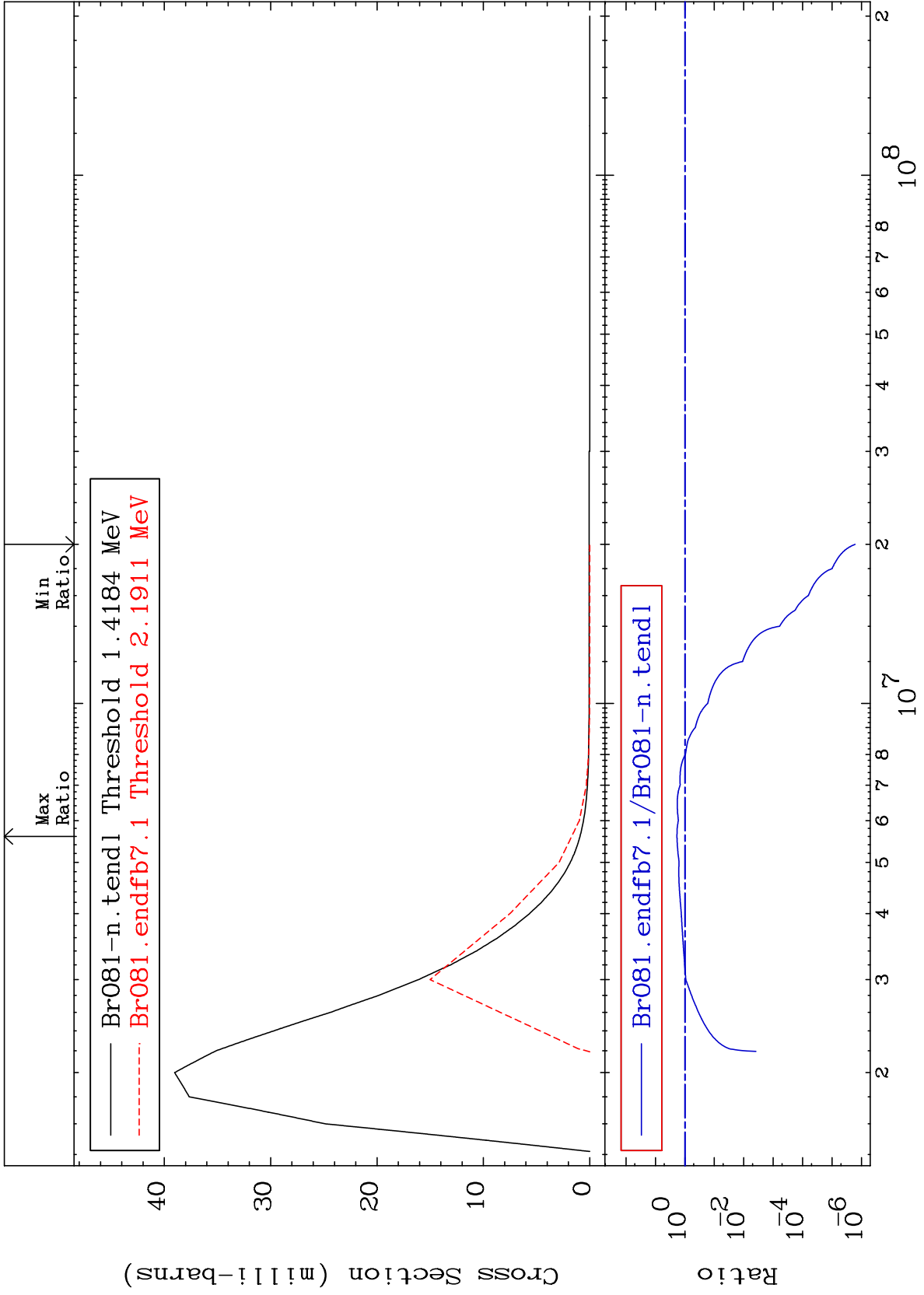


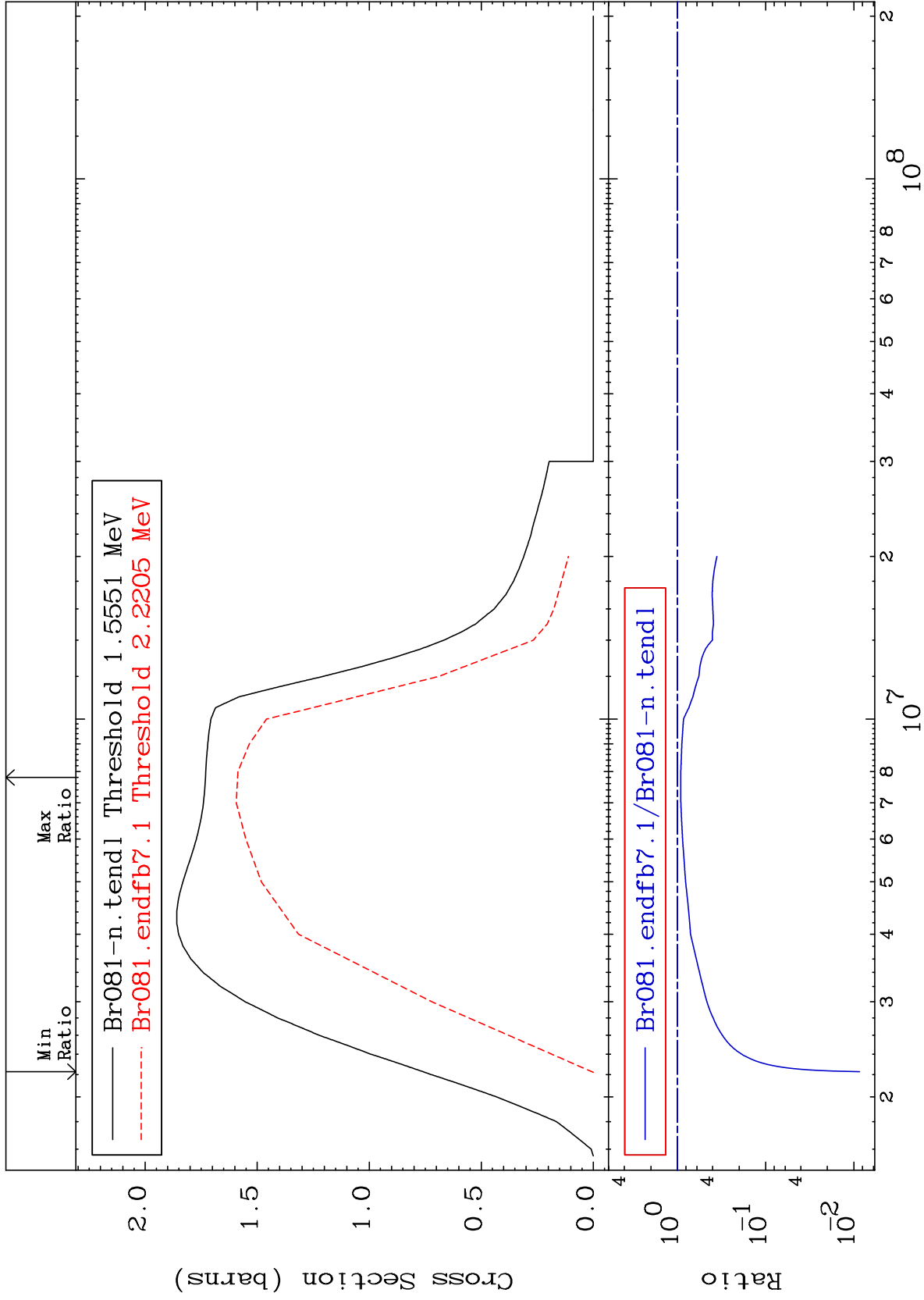
MAT 3531

1.372 MeV (n,n') Level
Cross Section

35-Br-81
-100.0 To 92.53 %







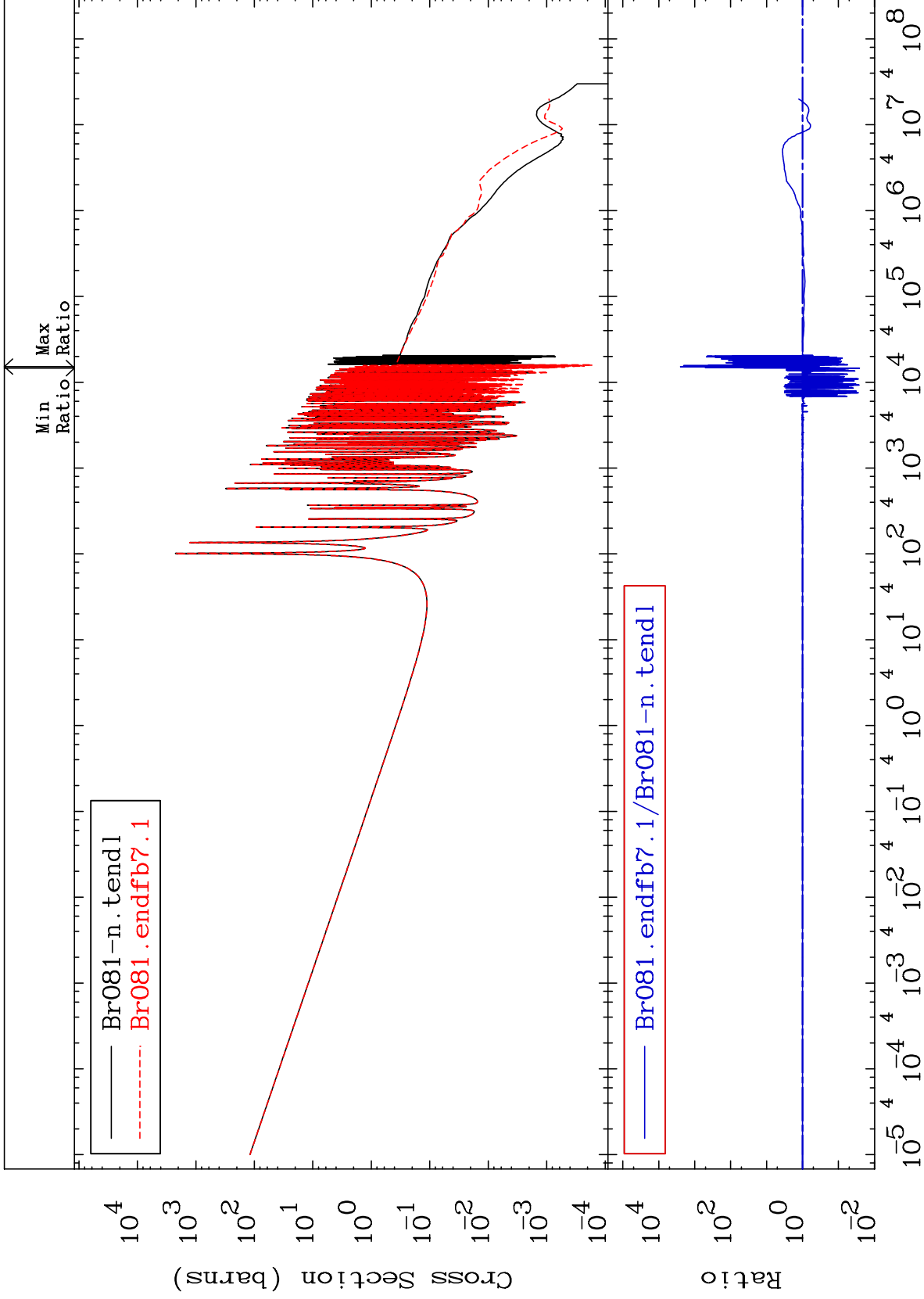
MAT 3531

(n, γ)

35-Br-81

Cross Section

-97.40 To 9999. %



37

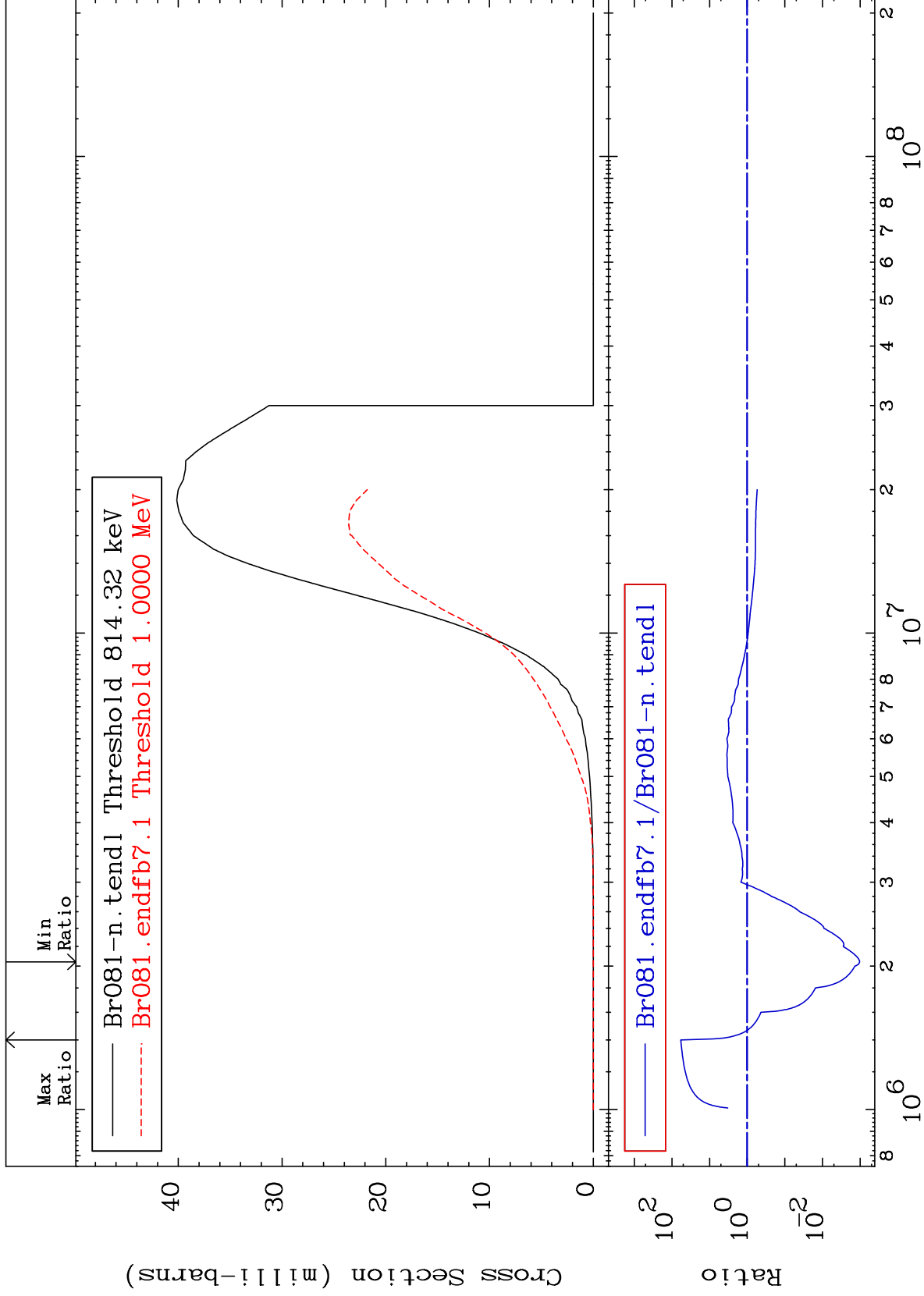
Incident Energy (eV)

35-Br-81

MAT 3531

(n, p)
Cross Section

³⁵Br-81
-99.90 To 5716. %



38

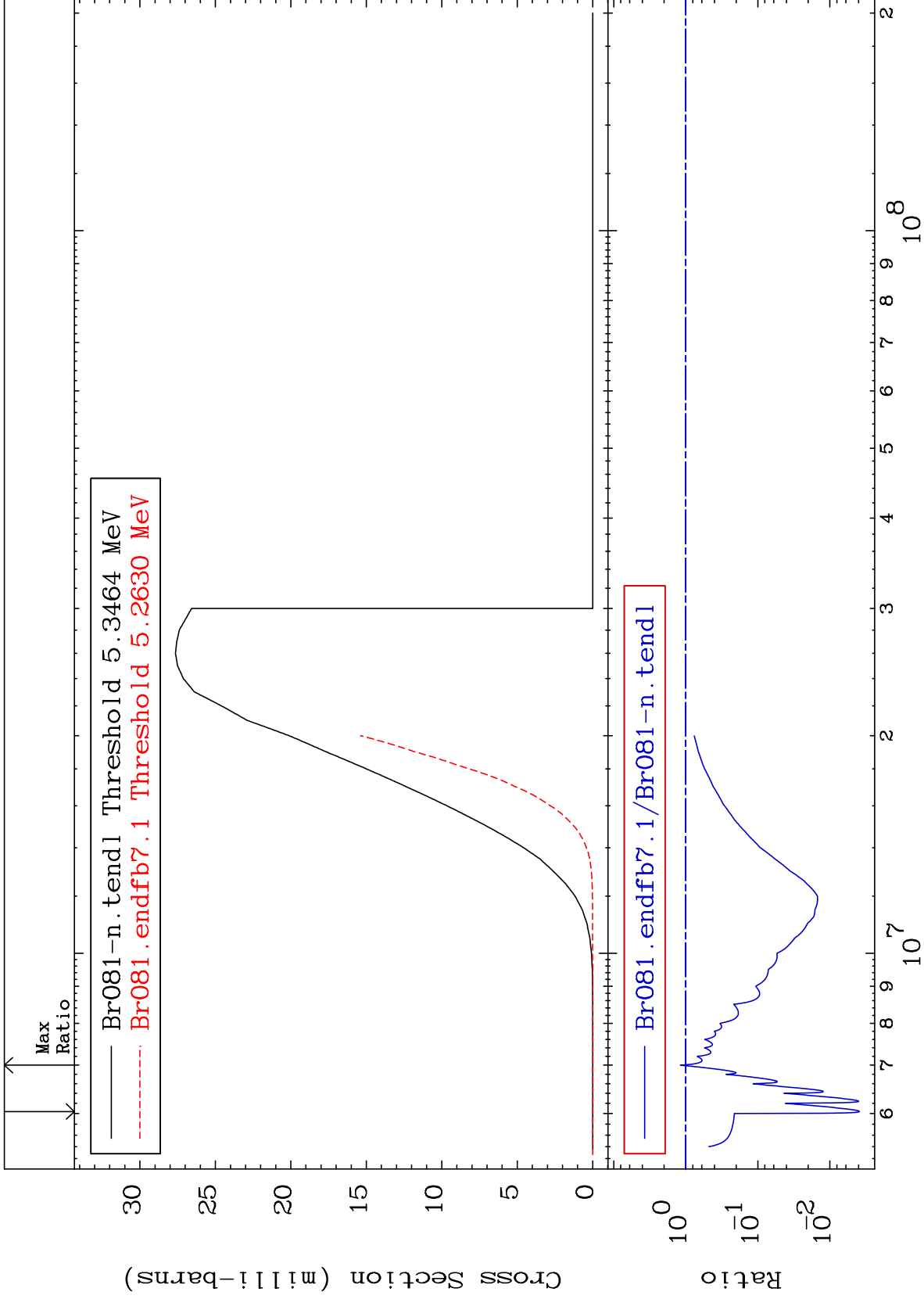
Incident Energy (eV)

³⁵Br-81

MAT 3531

(n, d)
Cross Section

³⁵Br-81
-99.61 To 18.79 %



39

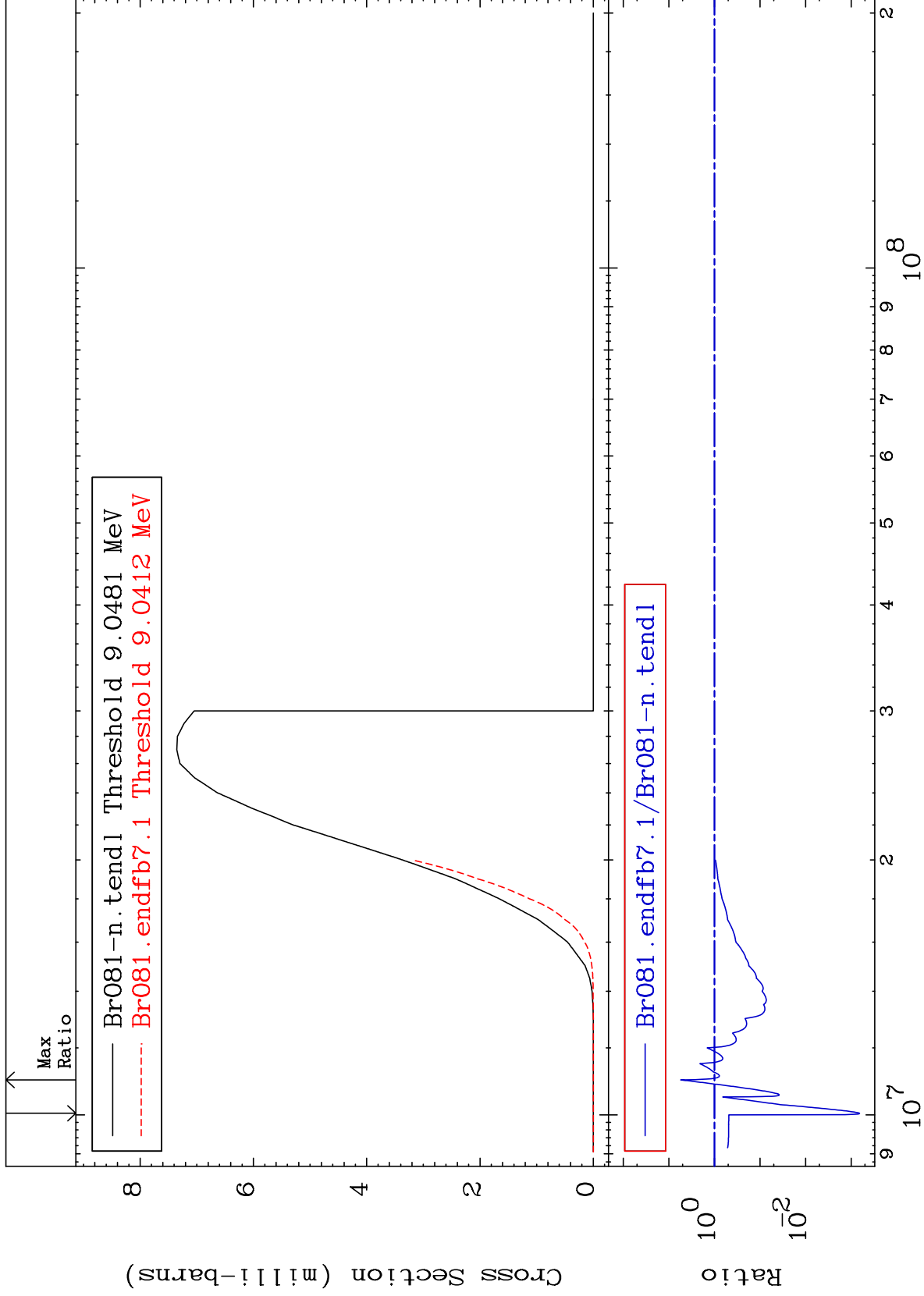
Incident Energy (eV)

³⁵Br-81

MAT 3531

(n, t)
Cross Section

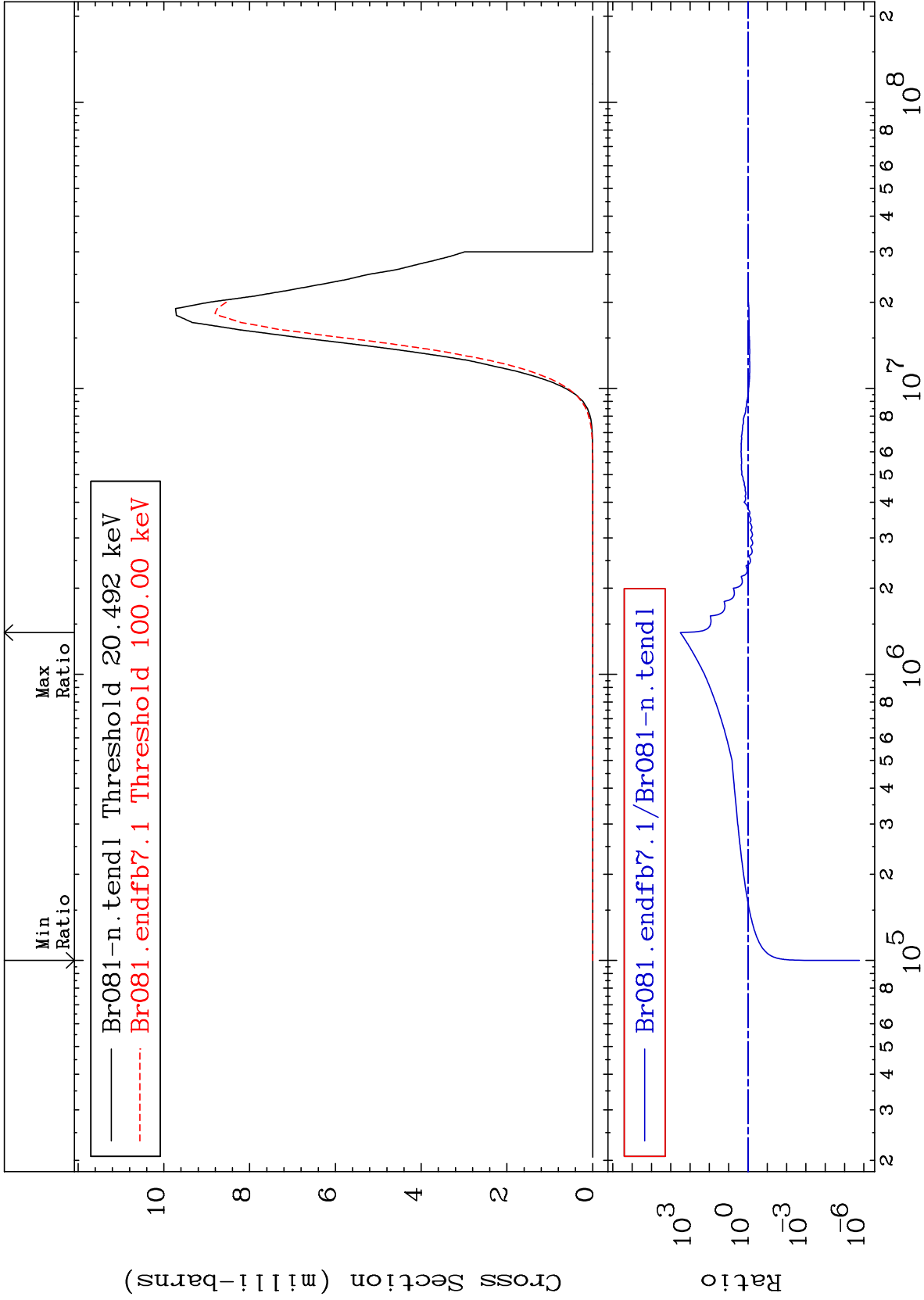
35-Br-81
-99.93 To 446.5 %

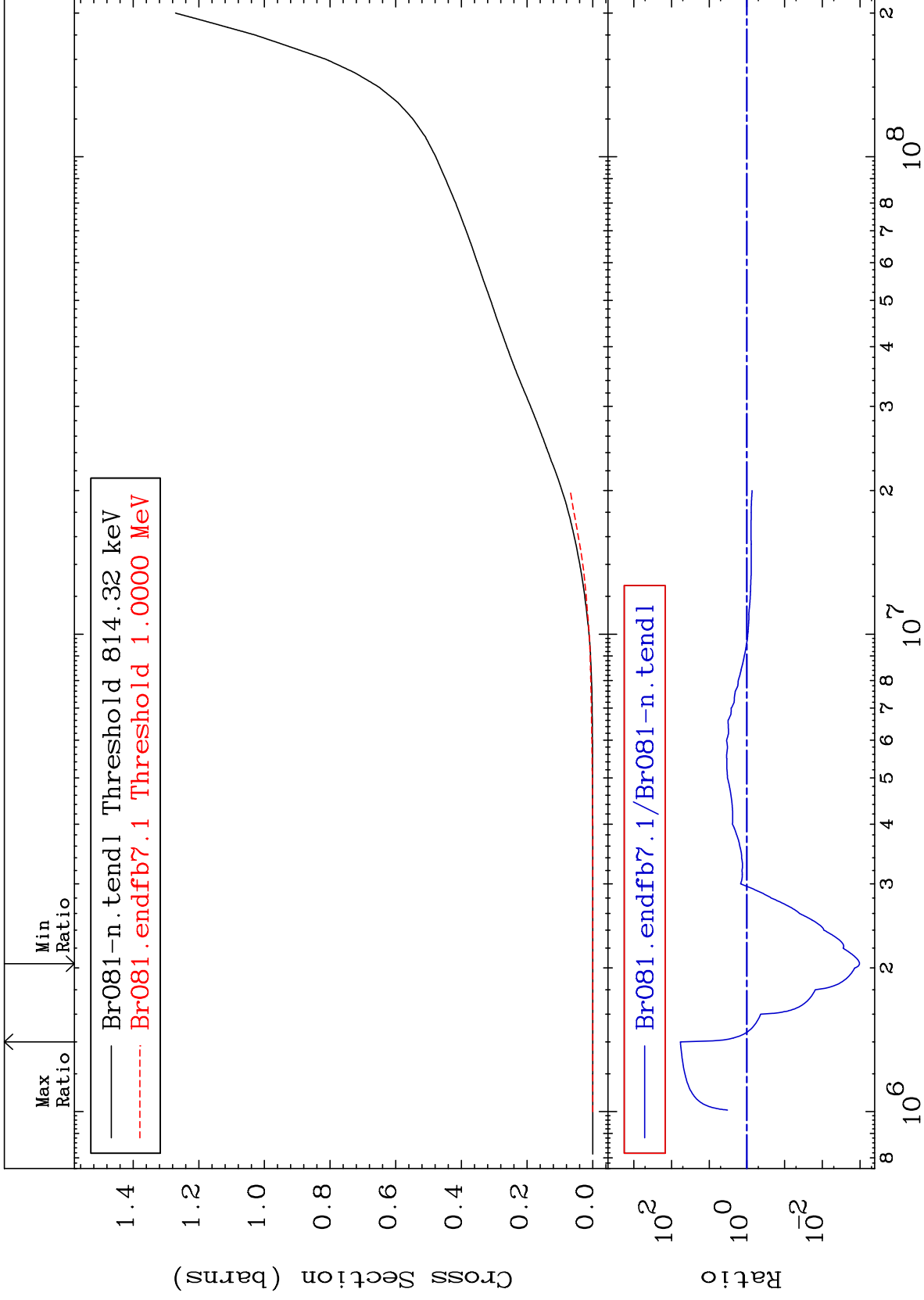


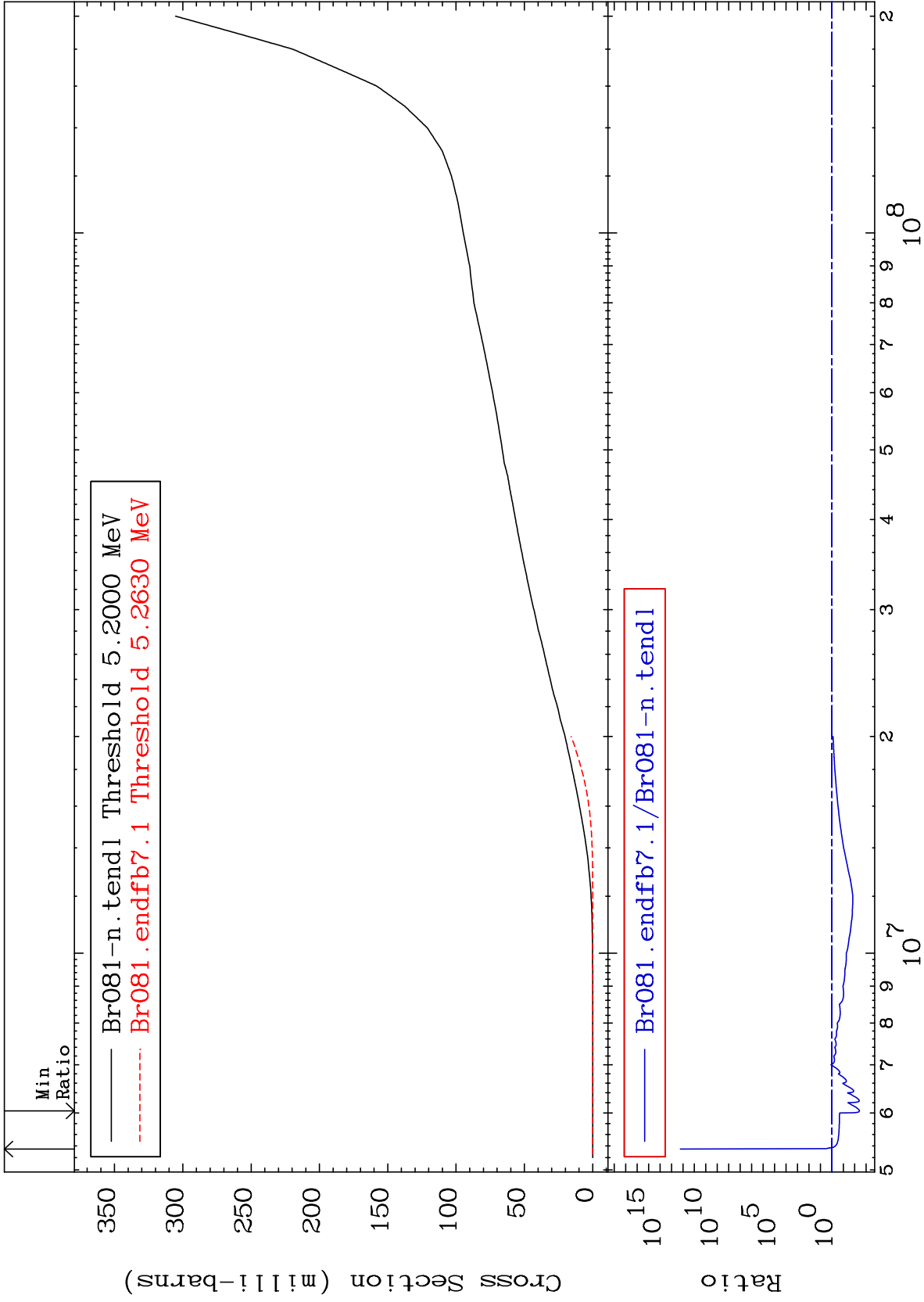
40

Incident Energy (eV)

35-Br-81



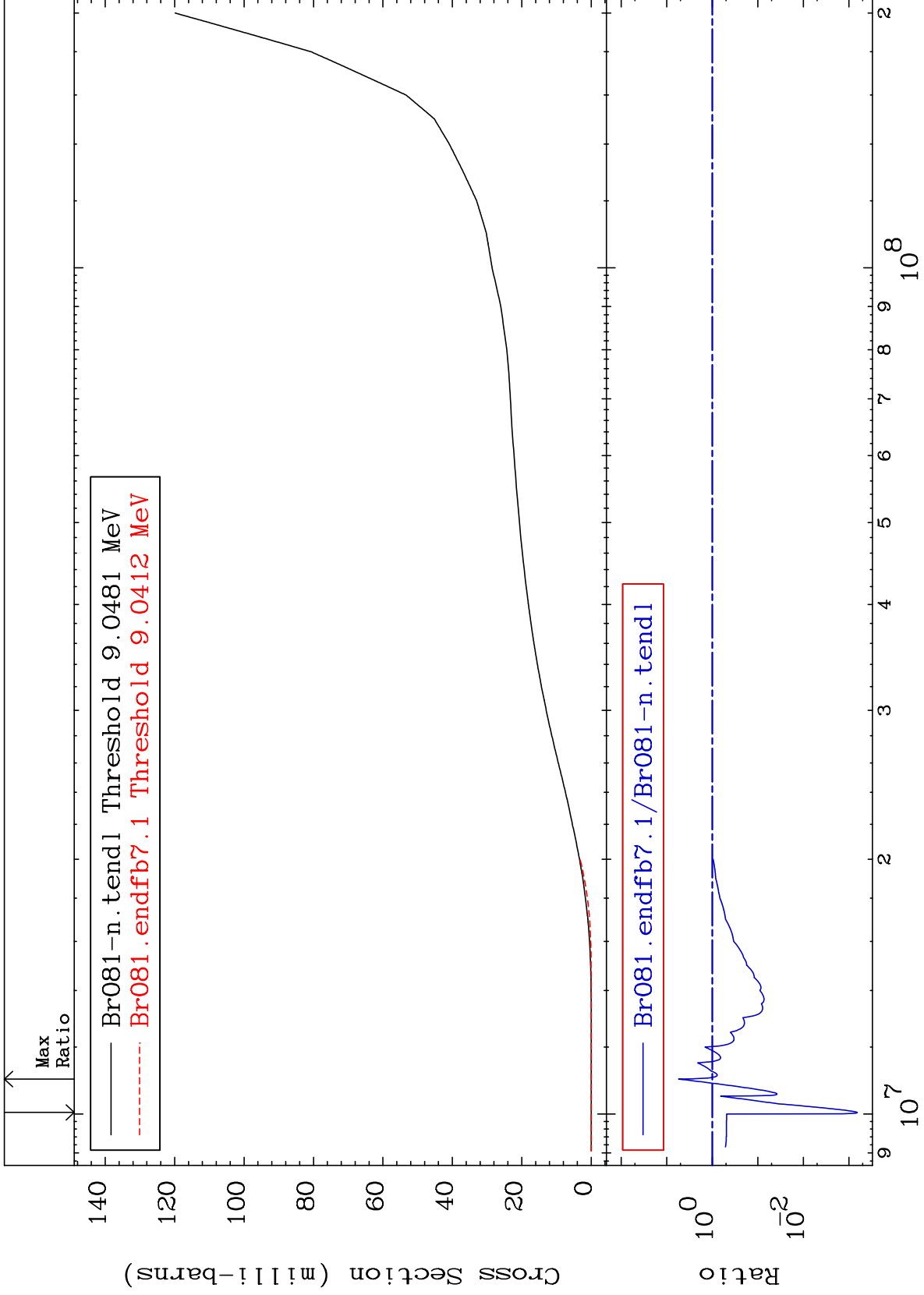




MAT 3531

Tritium Production
Cross Section

³⁵Br-81
-99.93 To 446.5 %



44

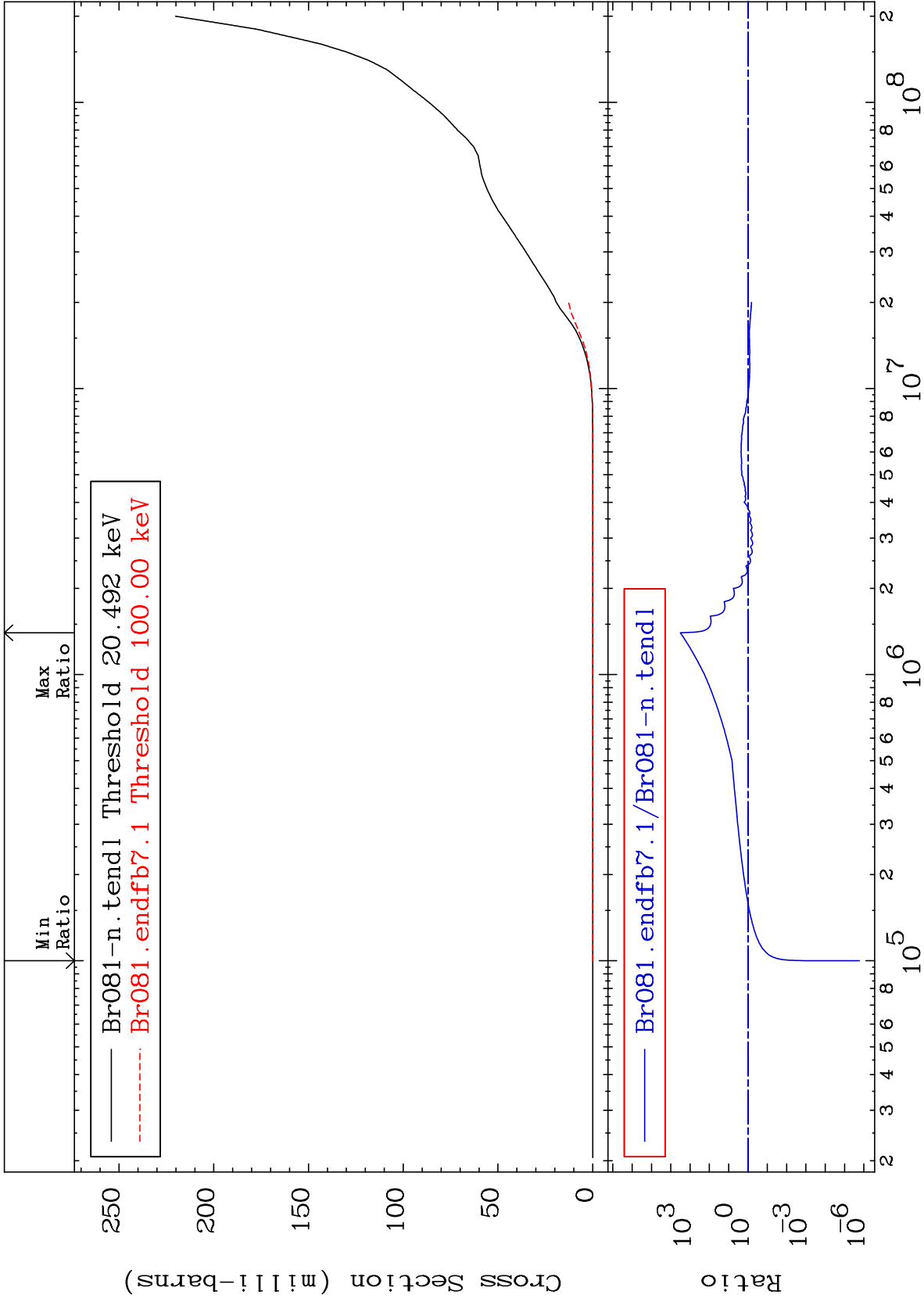
Incident Energy (eV)

³⁵Br-81

MAT 3531

He-4 Production
Cross Section

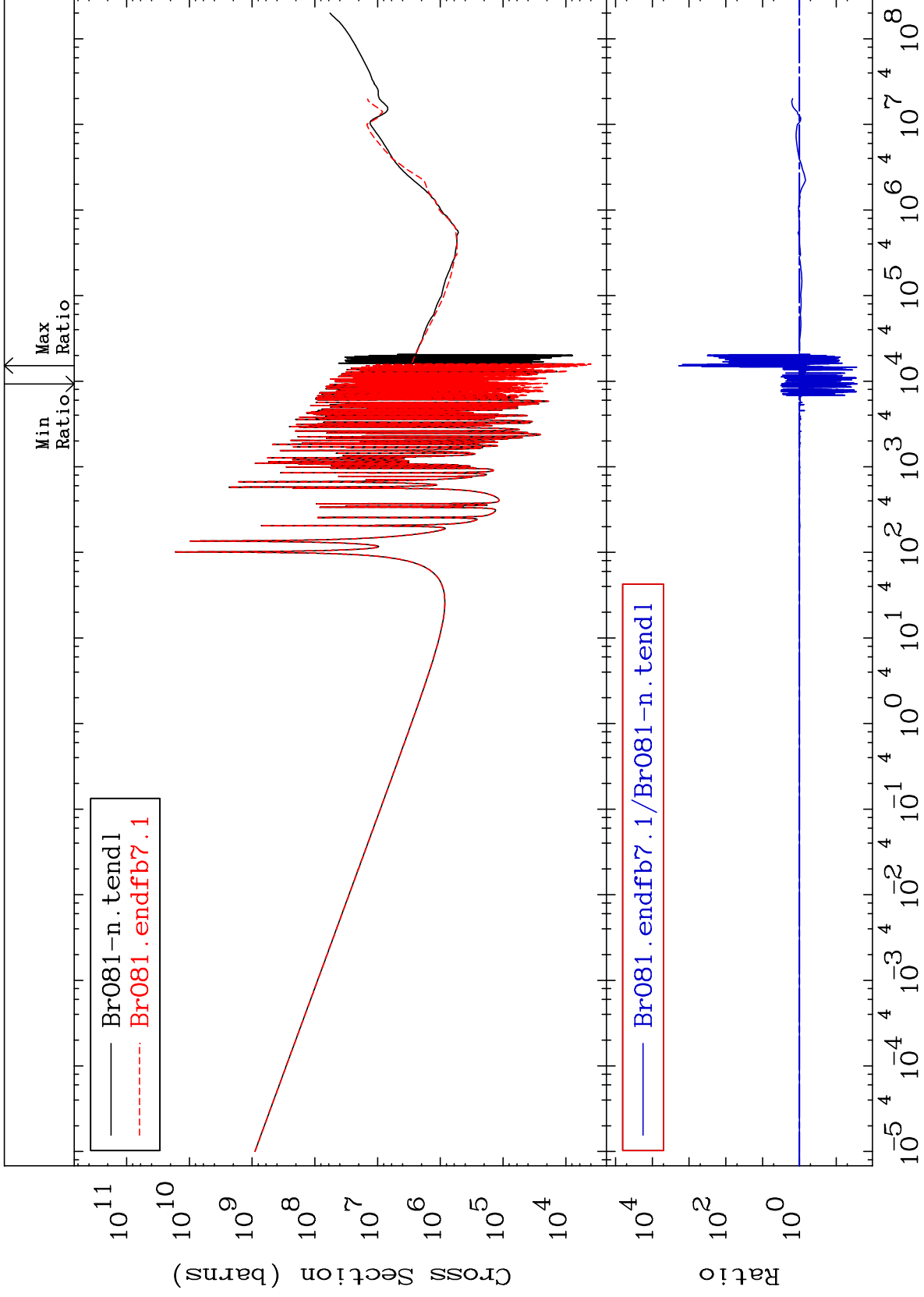
³⁵Br-81
-100.0 To 9999. %



45

Incident Energy (eV)

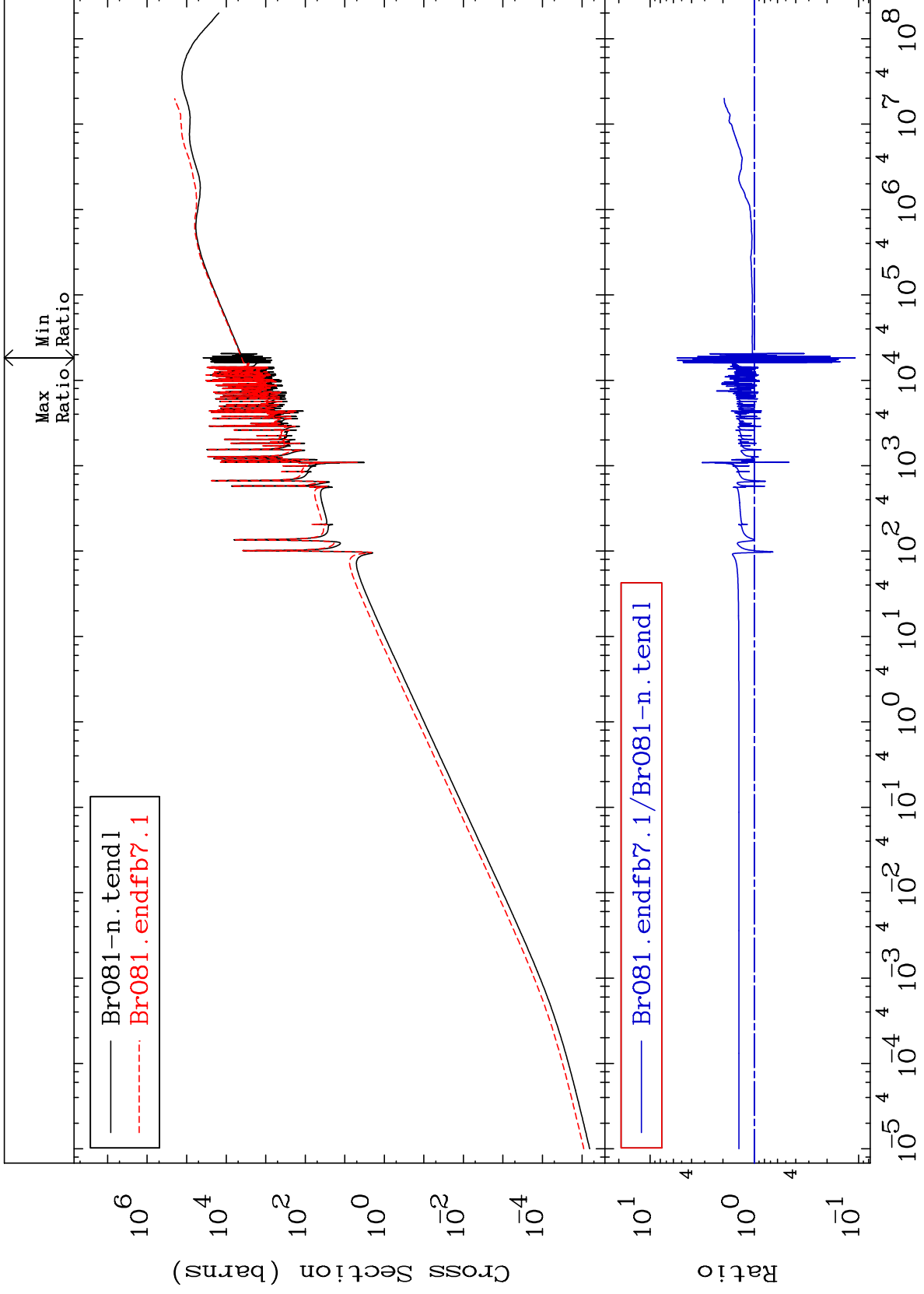
³⁵Br-81

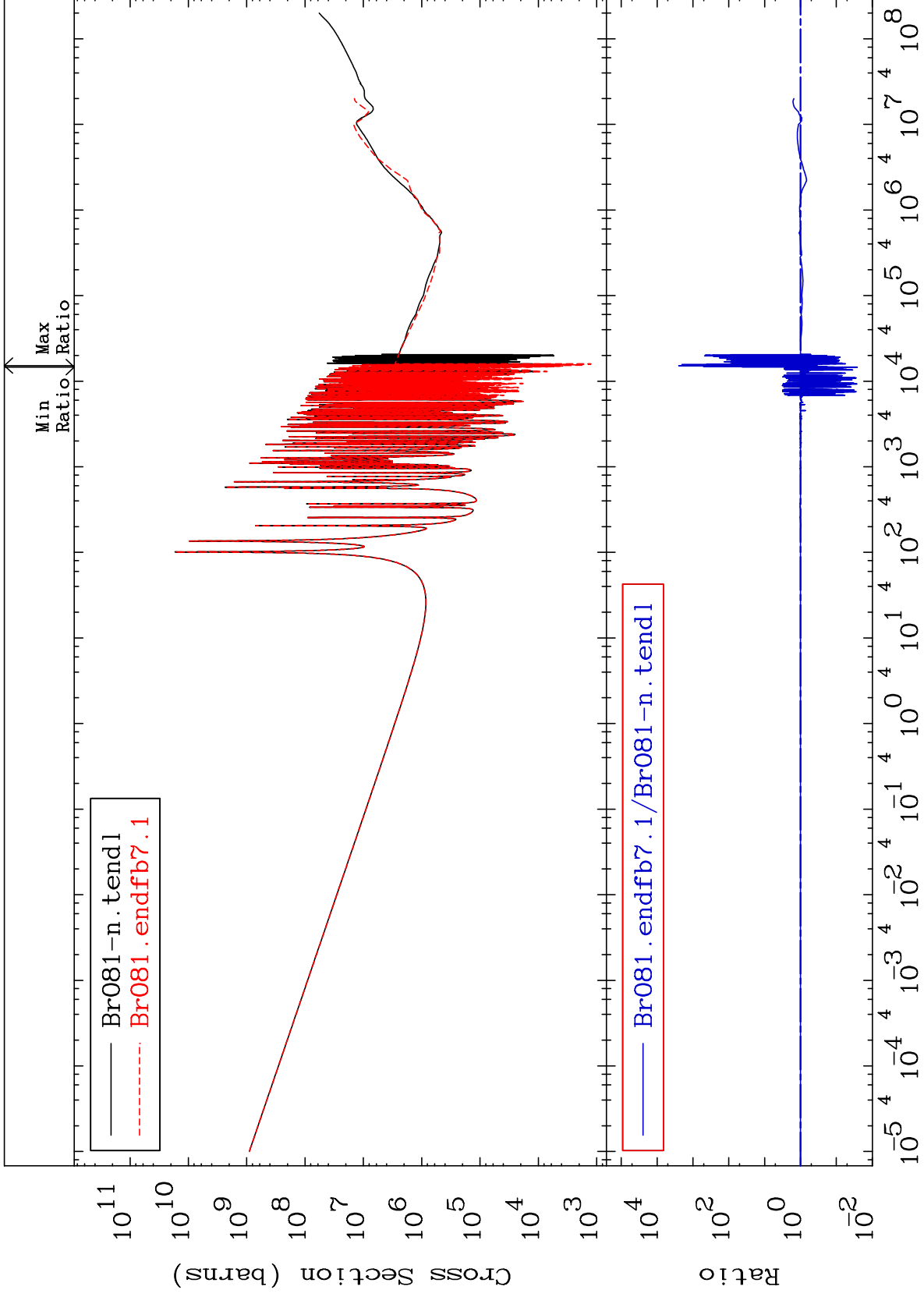


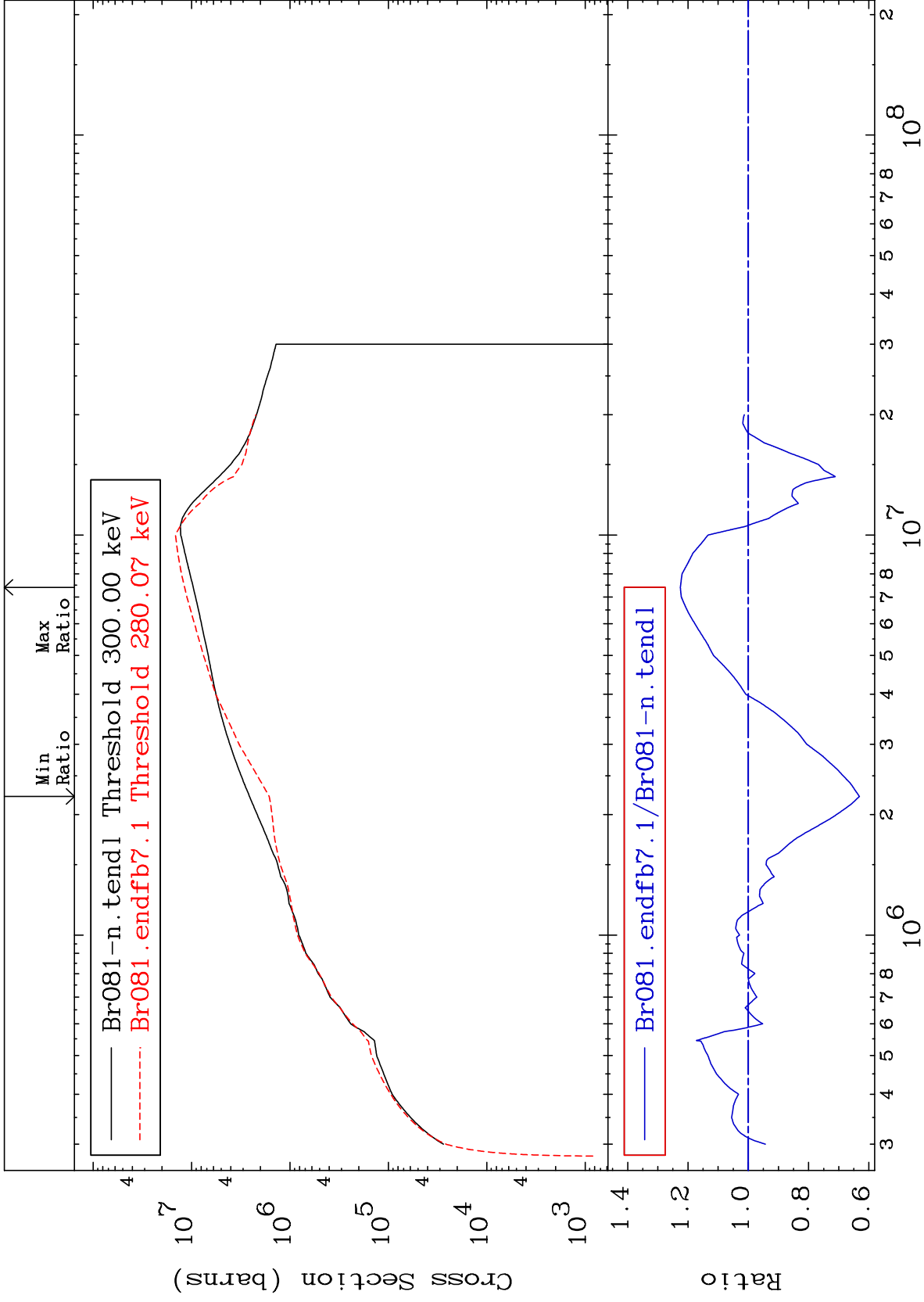
MAT 3531

Kerma elastic
Cross Section

35-Br-81
-89.21 To 454.0 %



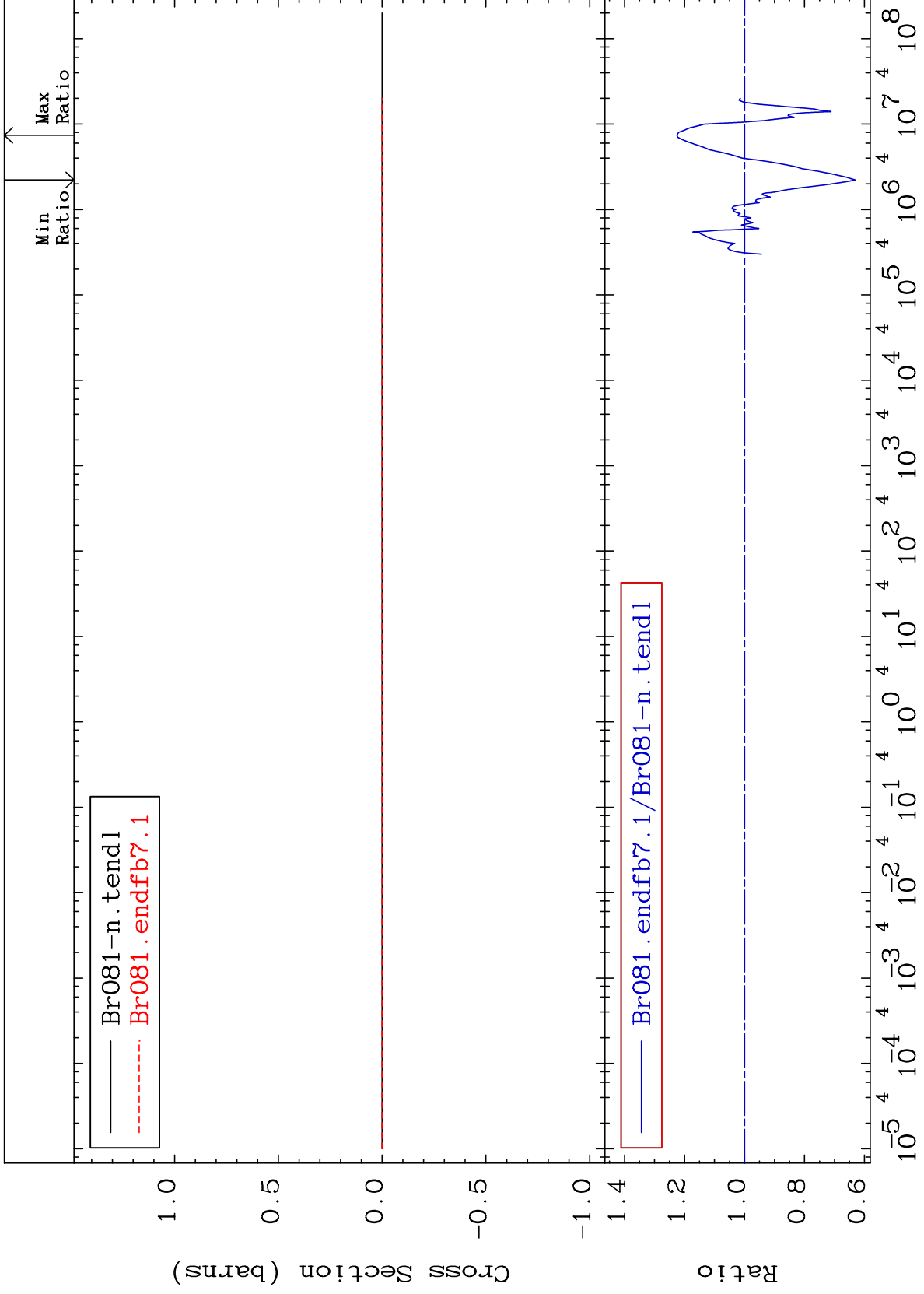




MAT 3531

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

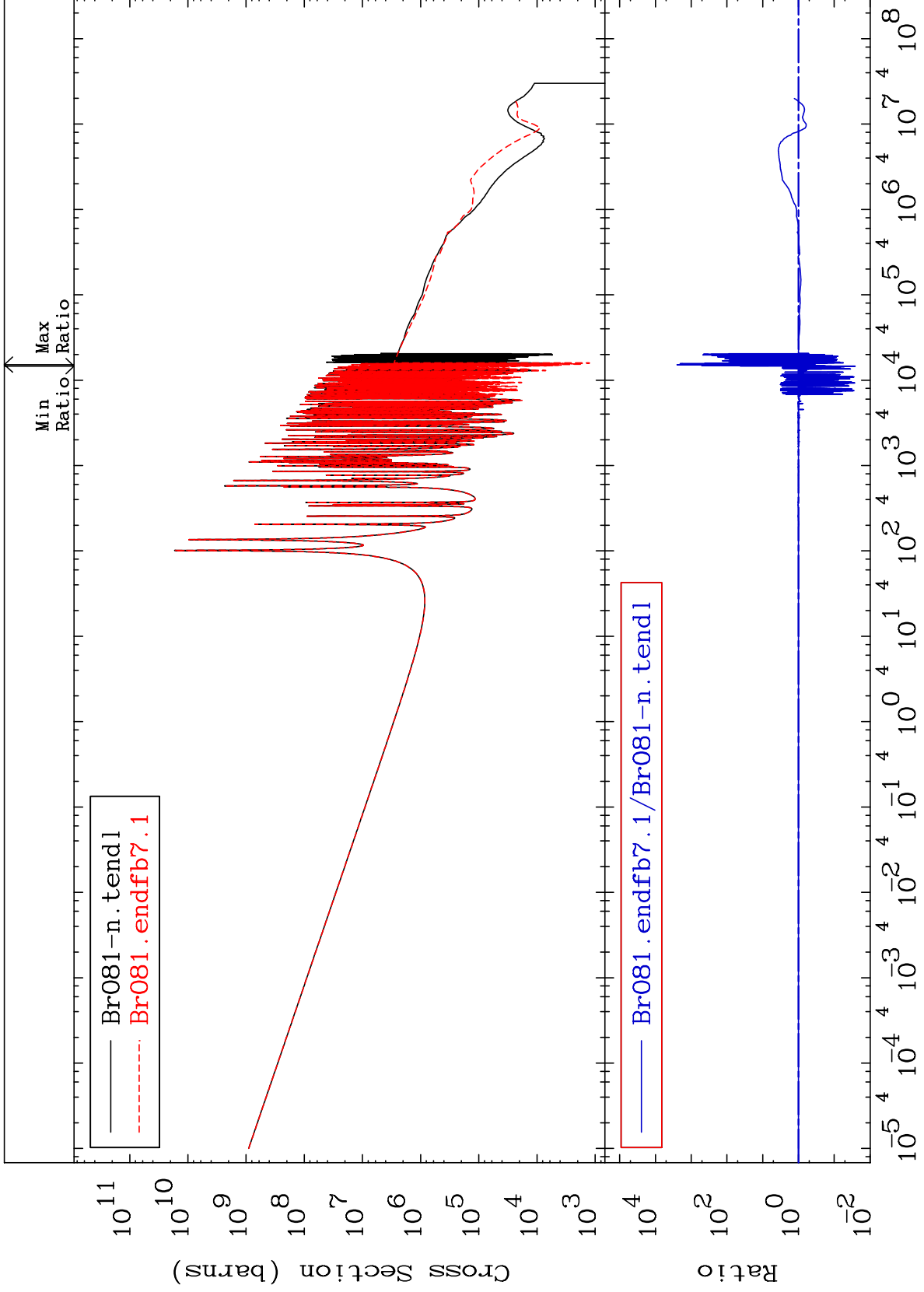
35-Br-81
-36.86 To 22.53 %



MAT 3531

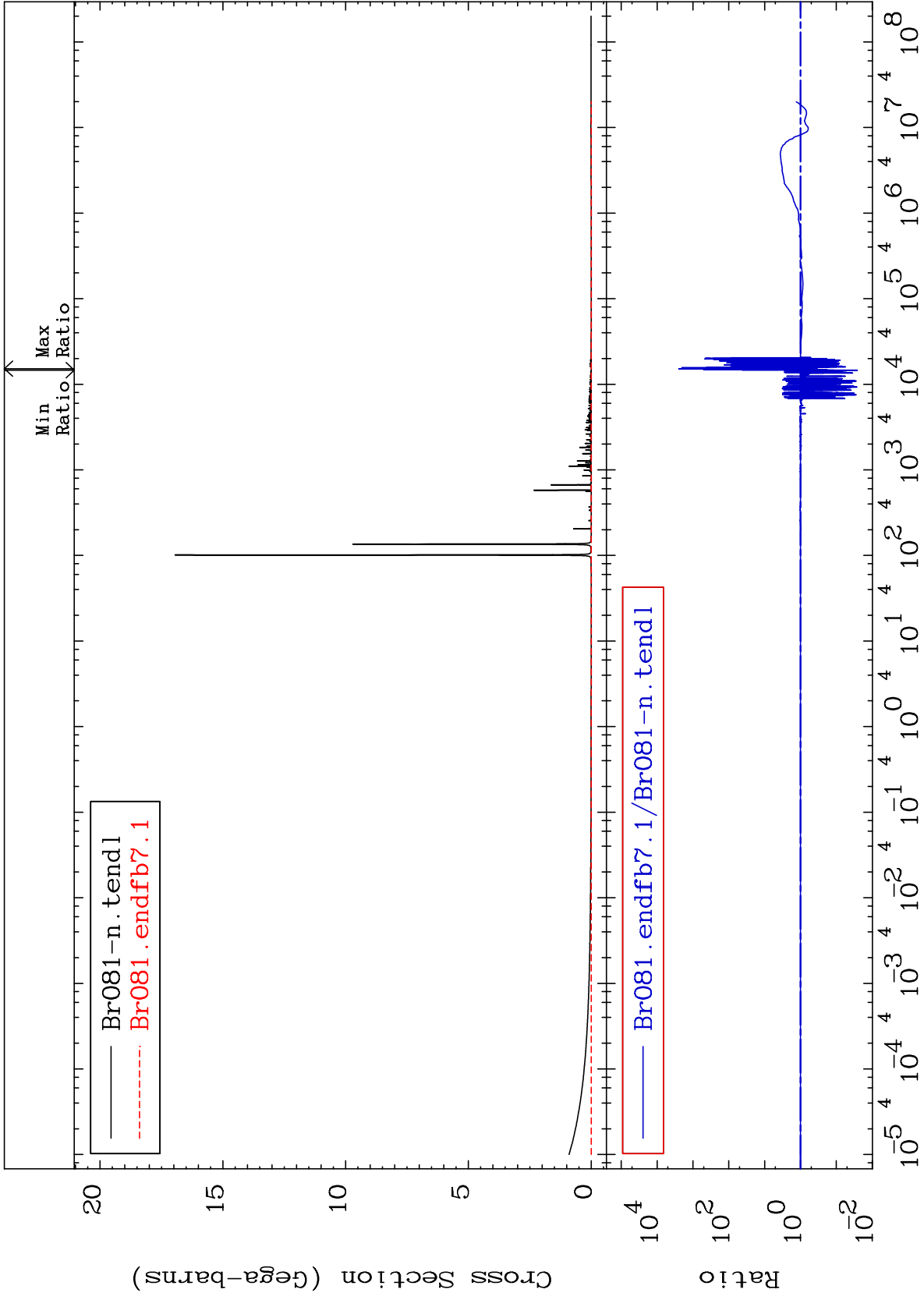
Kerma capture (mt102)
Cross Section

35-Br-81
-97.40 To 9999. %



— Br081-n.tendl
- - - Br081.endfb7.1

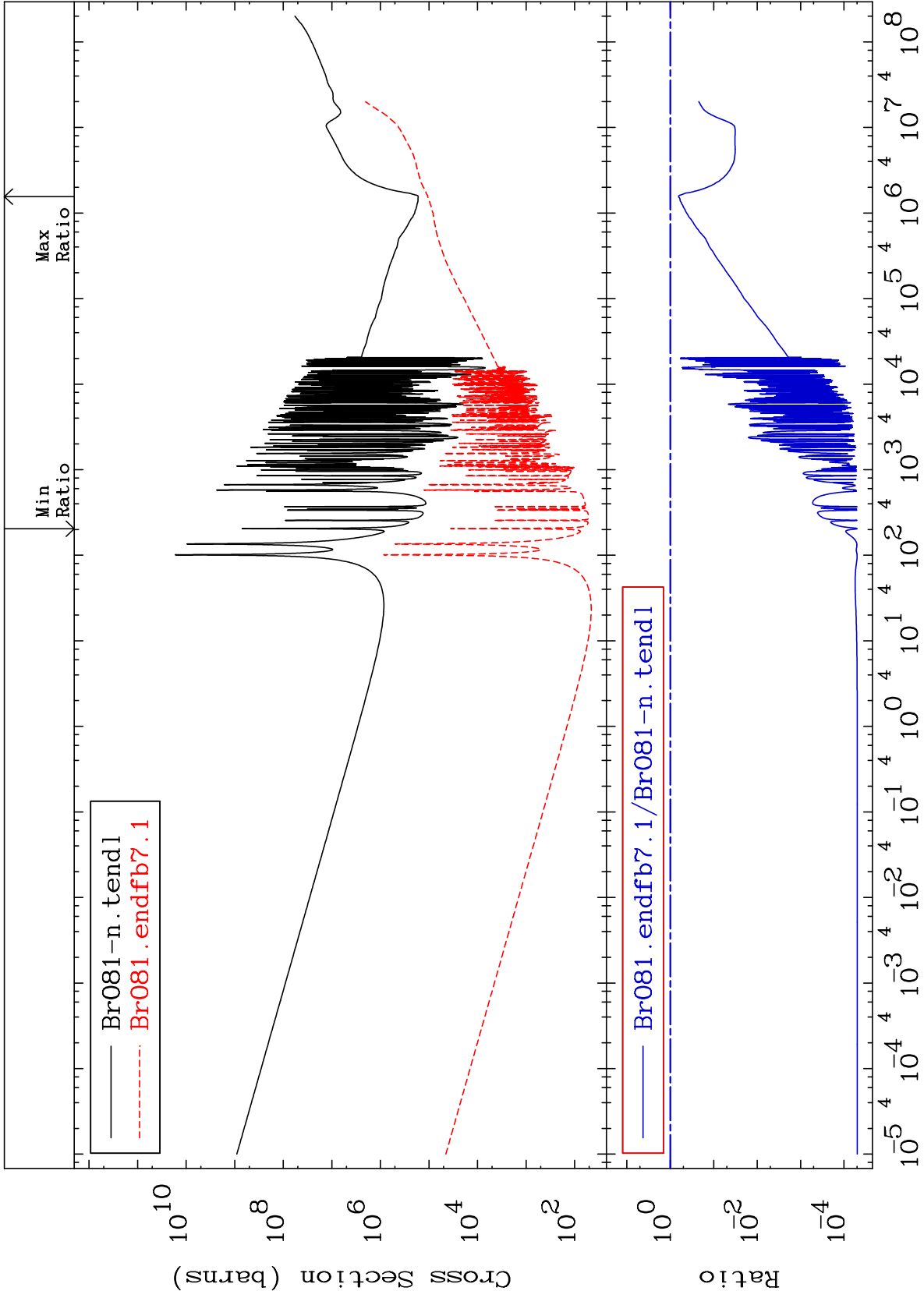
— Br081.endfb7.1/Br081-n.tendl



MAT 3531

Total kinematic kerma (high limit)
Cross Section

35-Br-81
-100.0 To -35.83%



Cross Section

-88.68 To 1014. %

