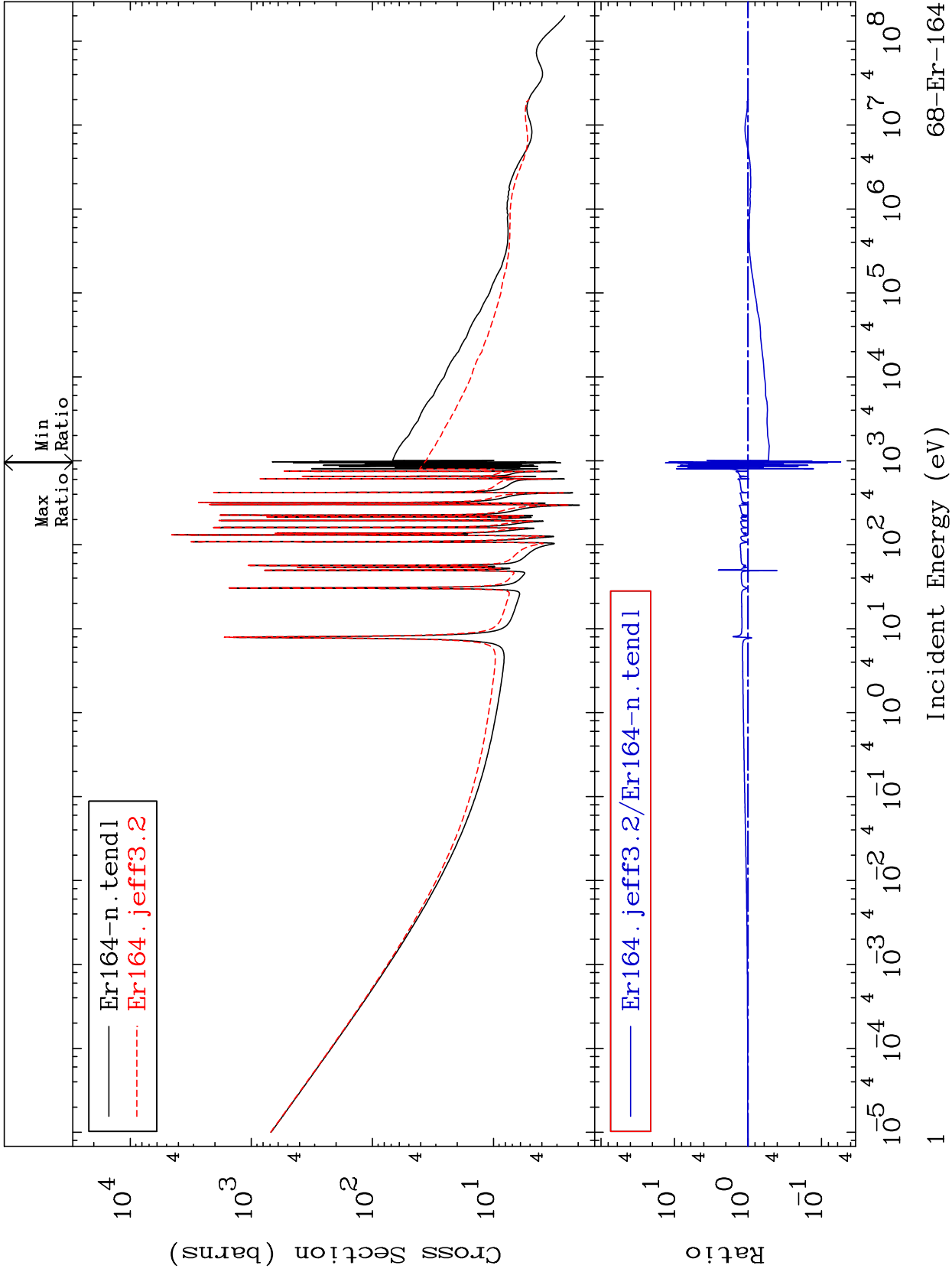


MAT 6831

Total Cross Section
68-Er-164
-94.53 To 1227. %



68-Er-164

Incident Energy (eV)

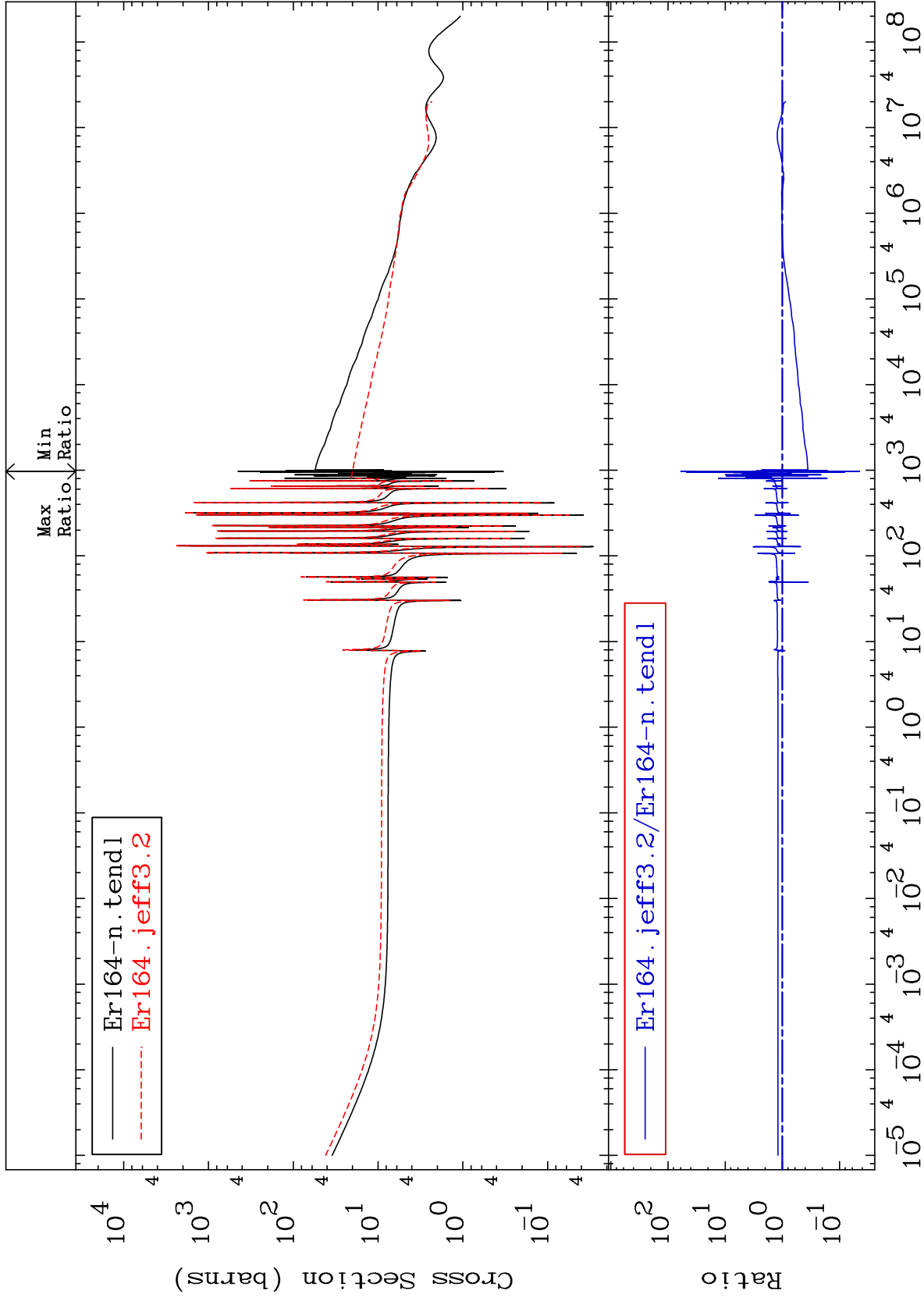
MAT 6831

Elastic

68-Er-164

Cross Section

-95.52 To 5876. %



2

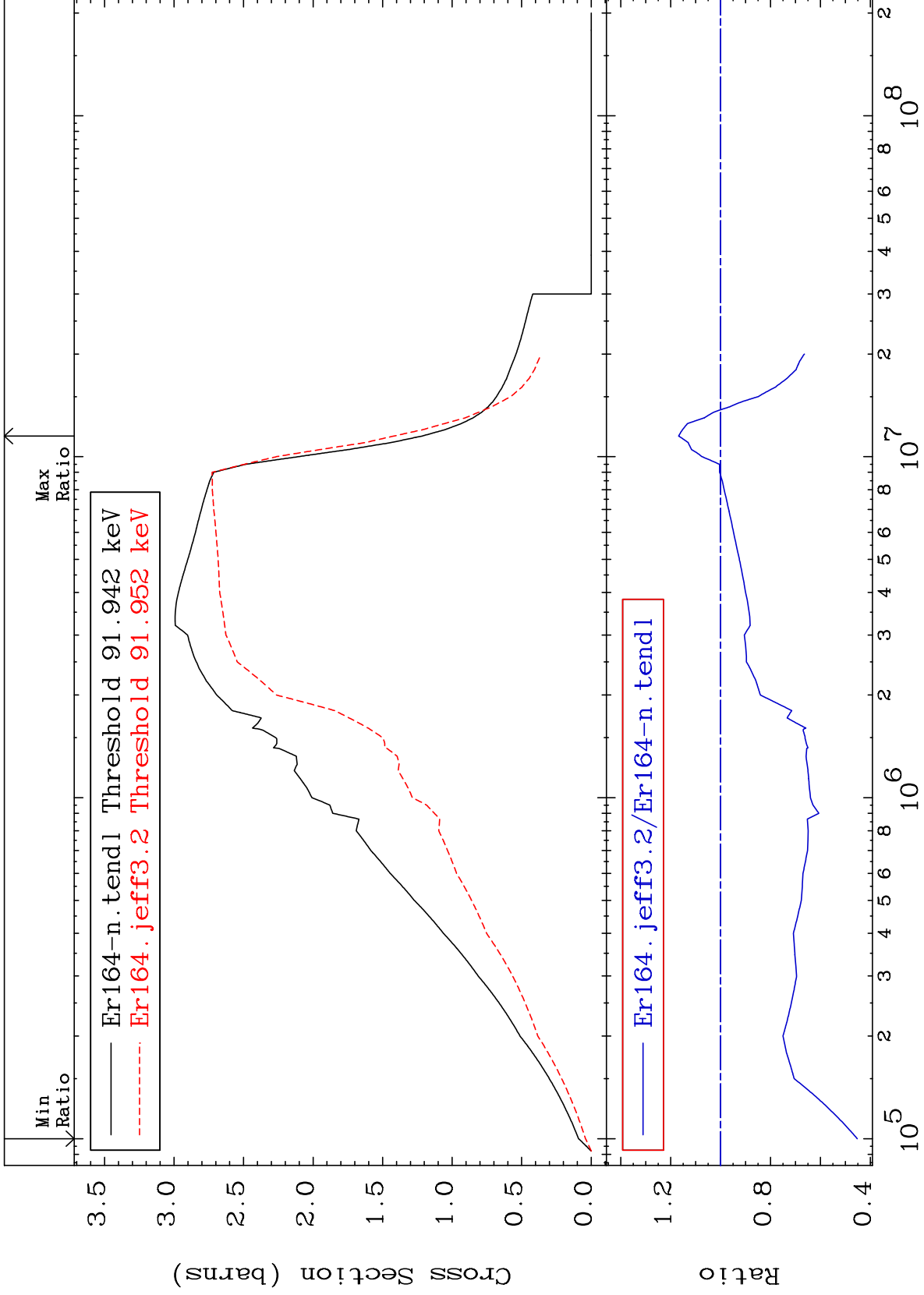
Incident Energy (eV)

68-Er-164

MAT 6831

Inelastic
Cross Section

68-Er-164
-54.76 To 16.82 %



68-Er-164

3

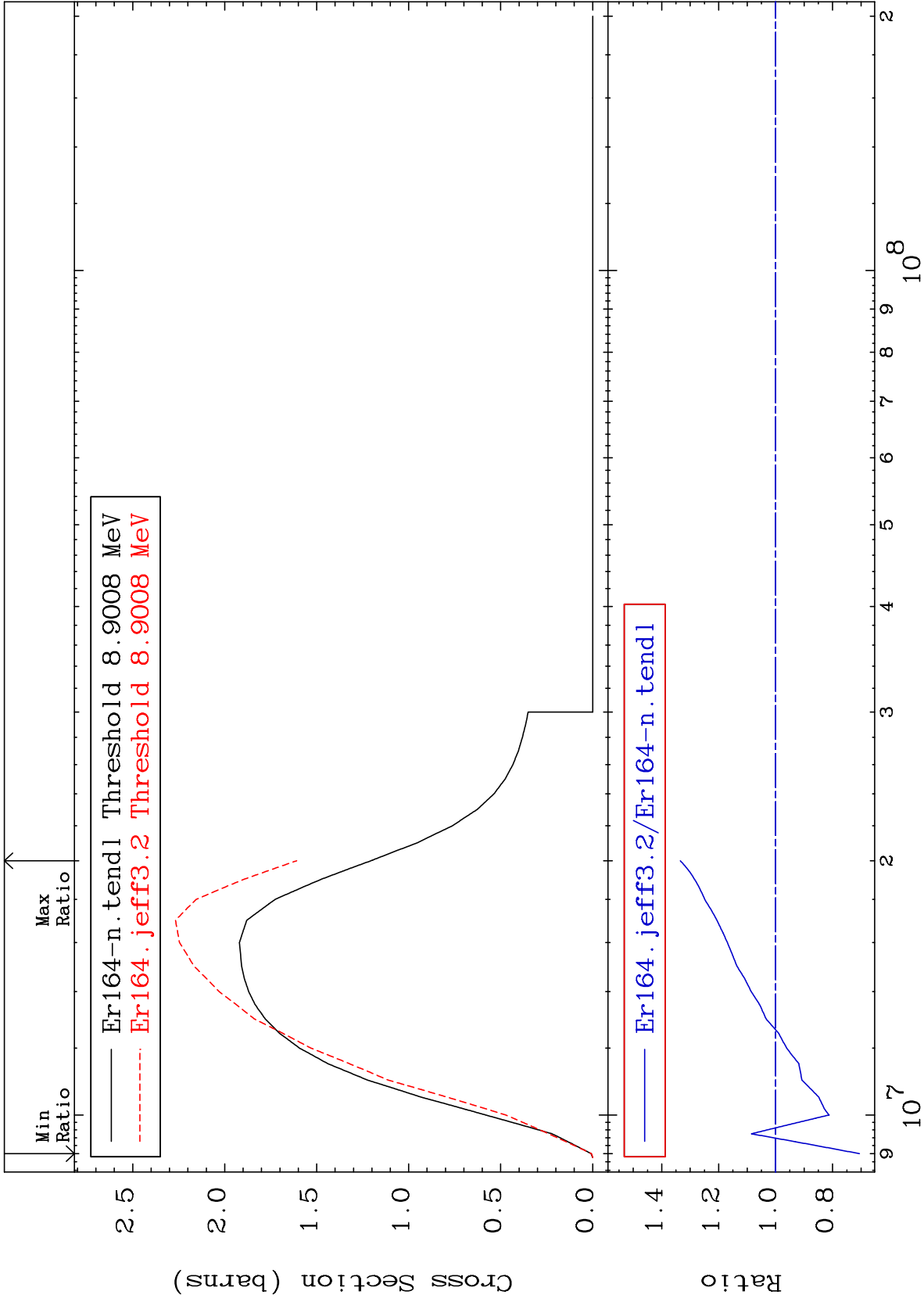
MAT 6831

(n,2n)

68-Er-164

Cross Section

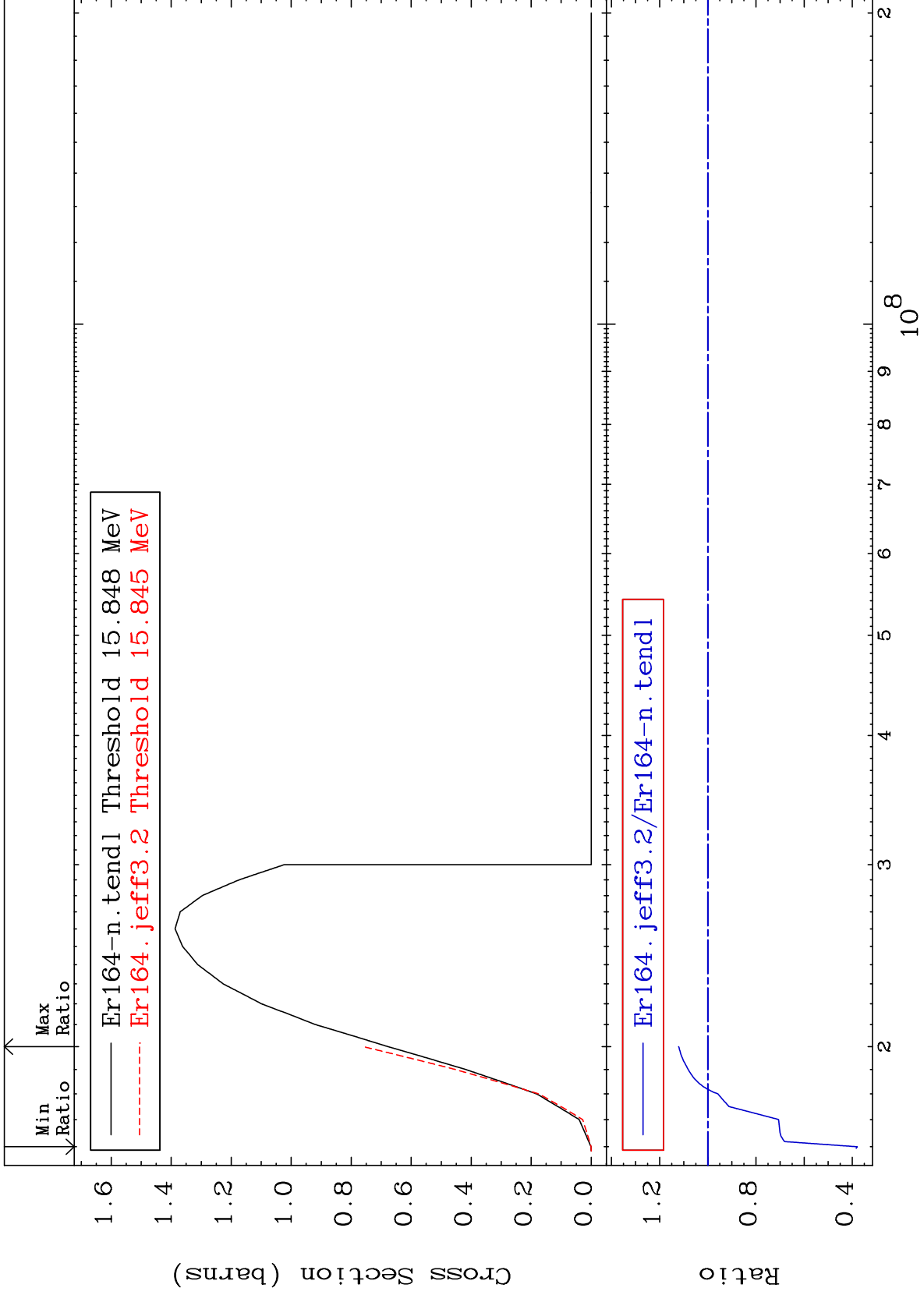
-29.42 To 33.45 %



Incident Energy (eV)

68-Er-164

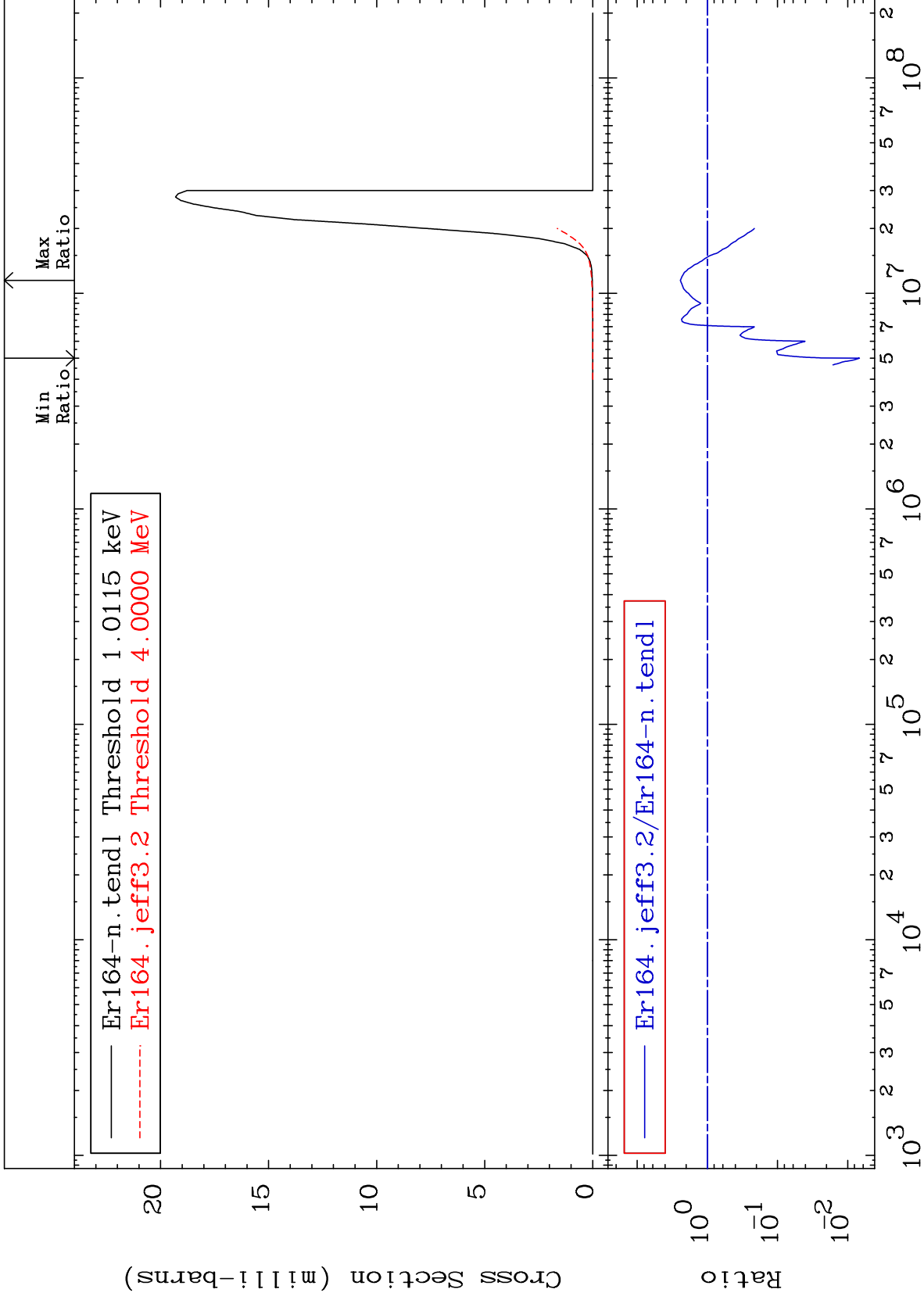
4



MAT 6831

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

68-Er-164
-99.32 To 142.4 %



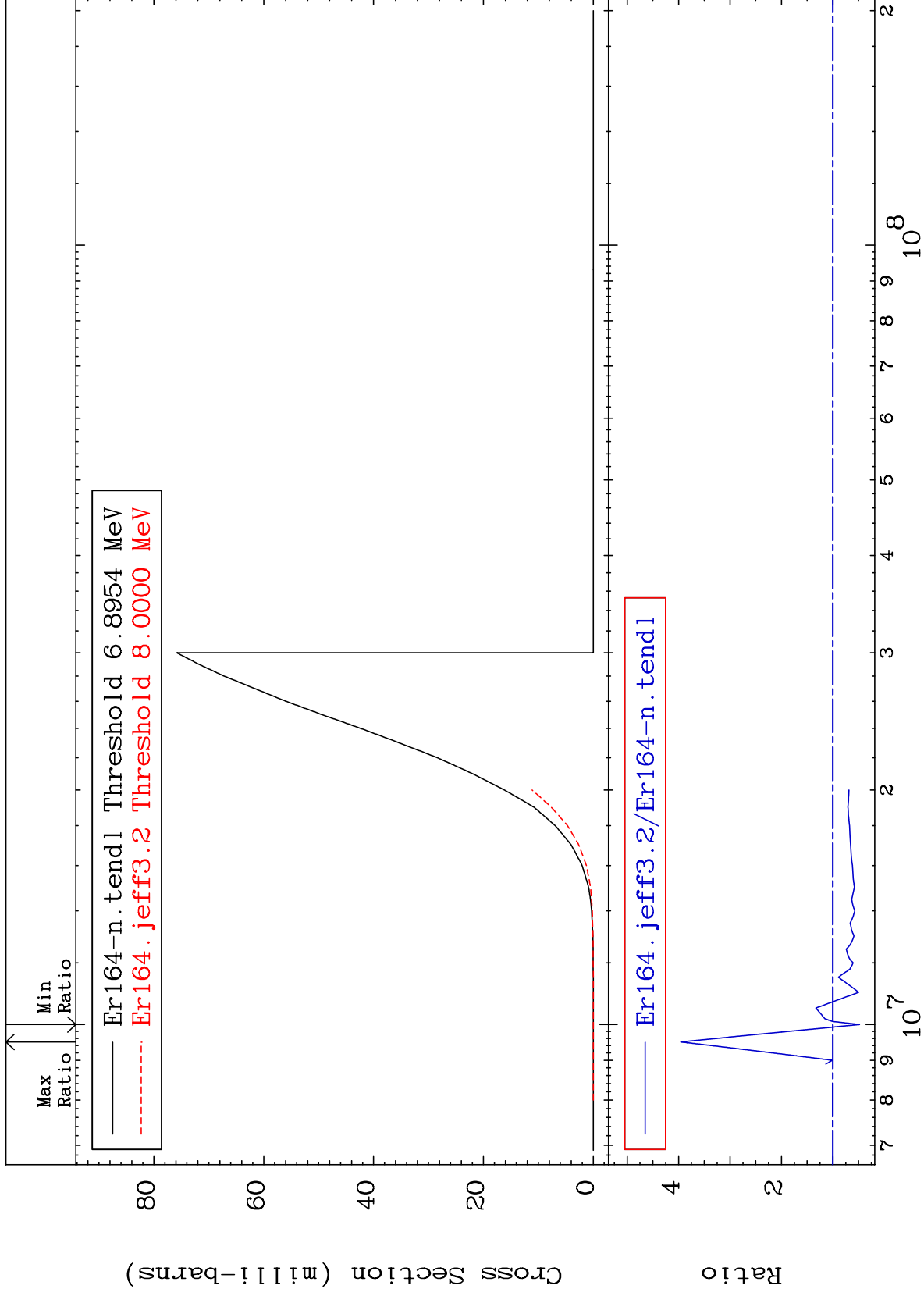
Incident Energy (eV)

68-Er-164

MAT 6831

(n,n') p
Cross Section

68-Er-164
-51.84 To 295.7 %



7

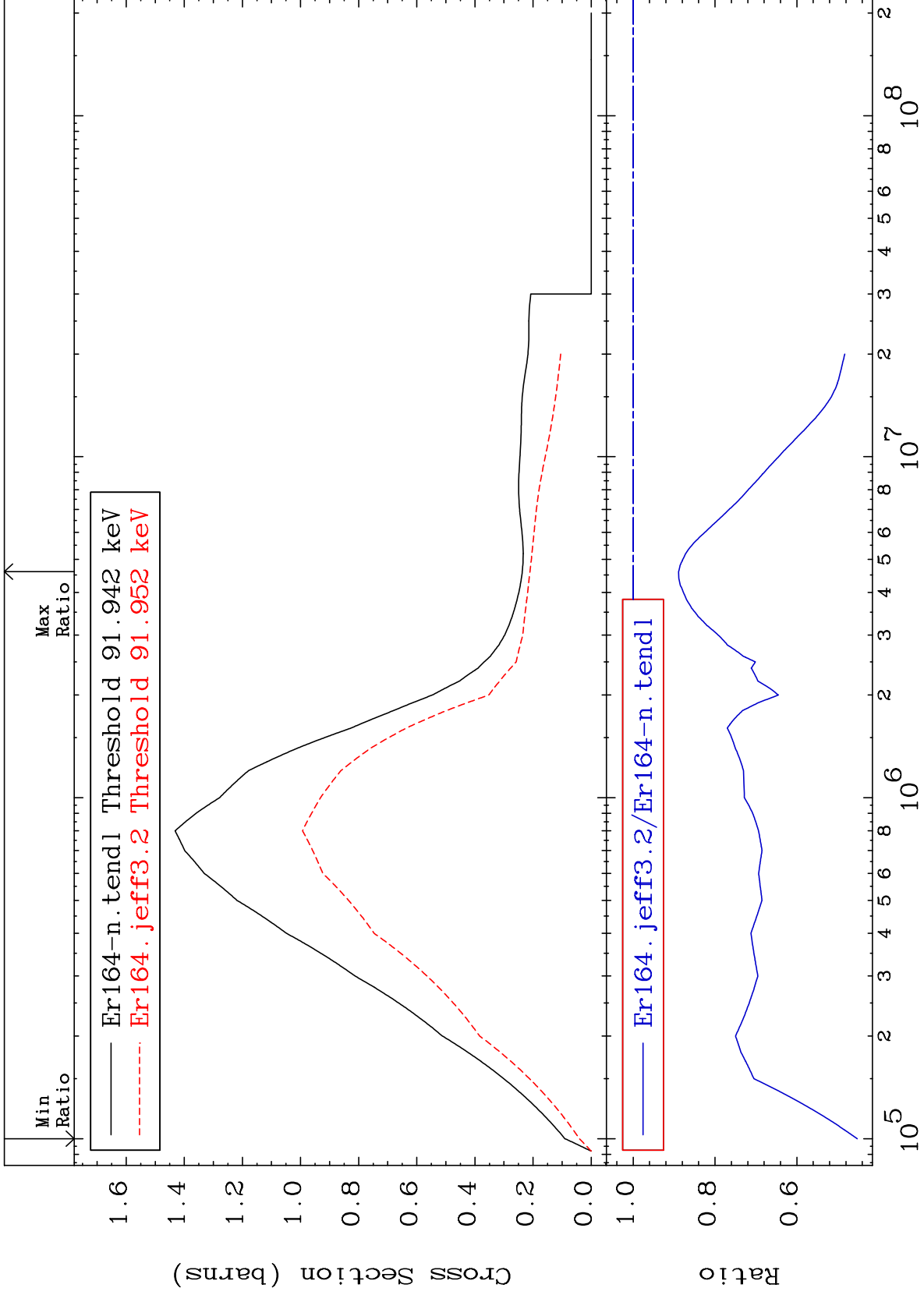
Incident Energy (eV)

68-Er-164

MAT 6831

91.38 keV (n,n') Level
Cross Section

68-Er-164
-54.76 To -11.11%



8

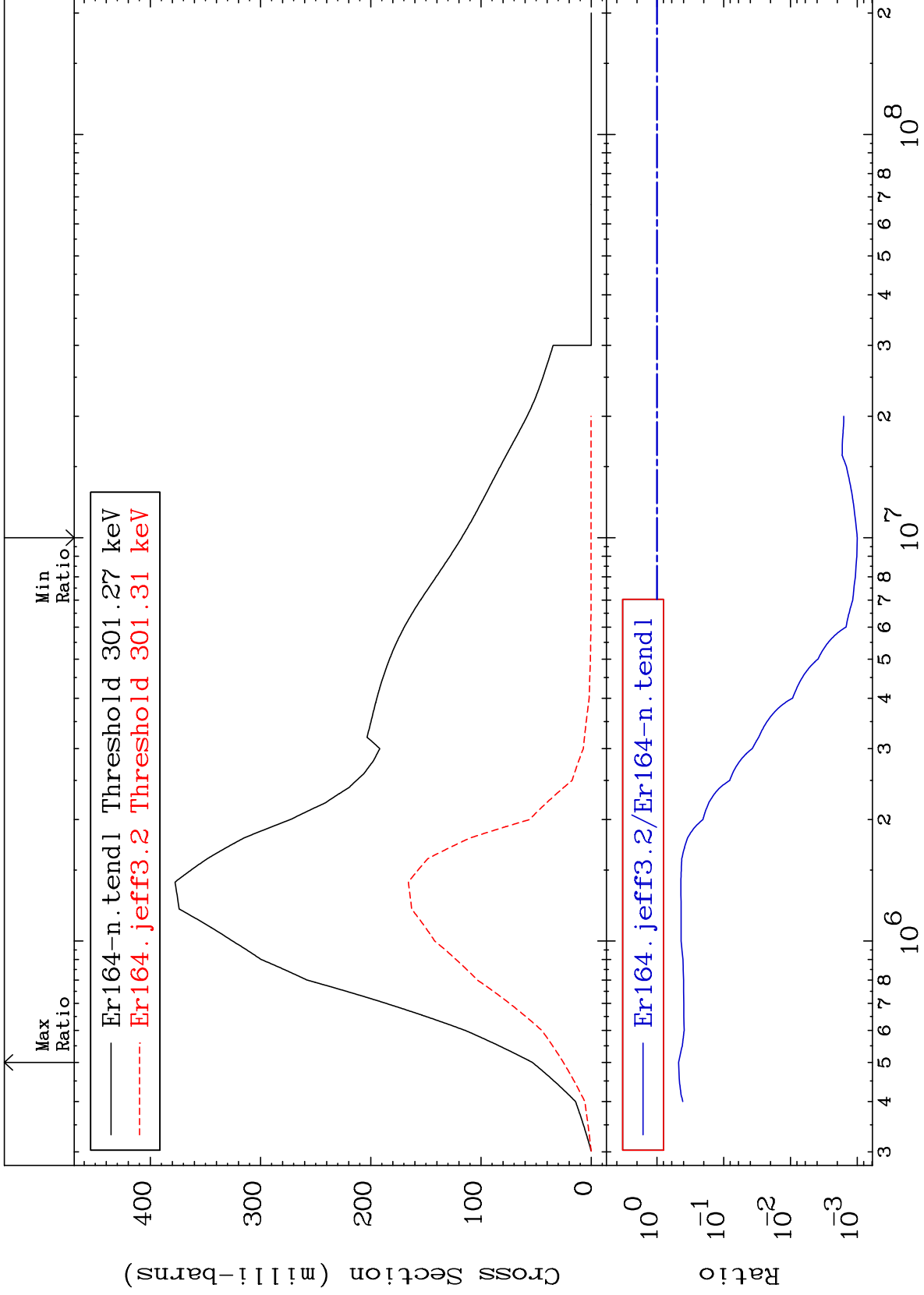
Incident Energy (eV)

68-Er-164

MAT 6831

299.4 keV (n,n') Level
Cross Section

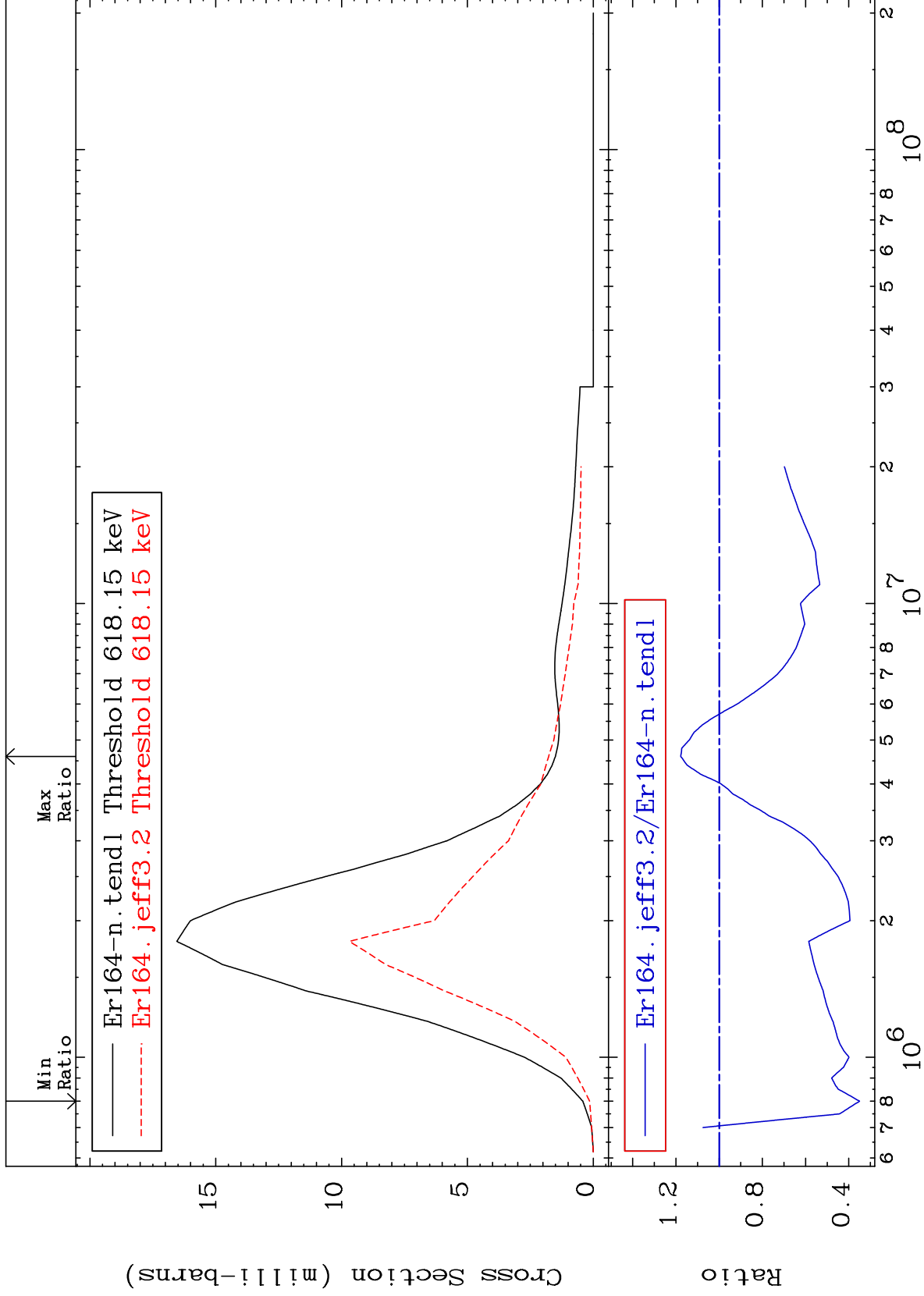
68-Er-164
-99.90 To -52.60%



MAT 6831

614.4 keV (n,n') Level
Cross Section

68-Er-164
-64.98 To 17.77 %



10

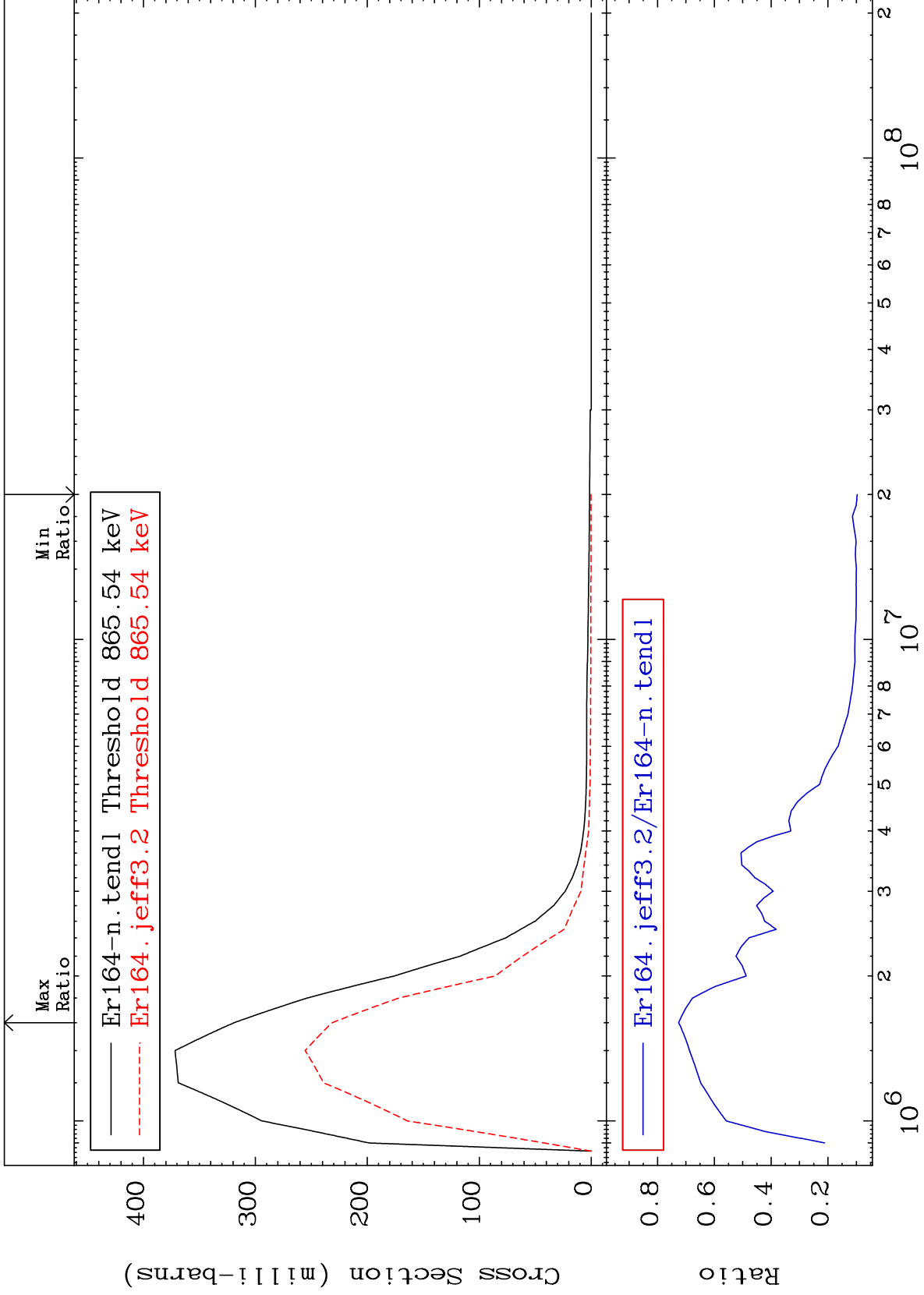
Incident Energy (eV)

68-Er-164

MAT 6831

860.3 keV (n,n') Level
Cross Section

68-Er-164
-90.33 To -27.44%



11

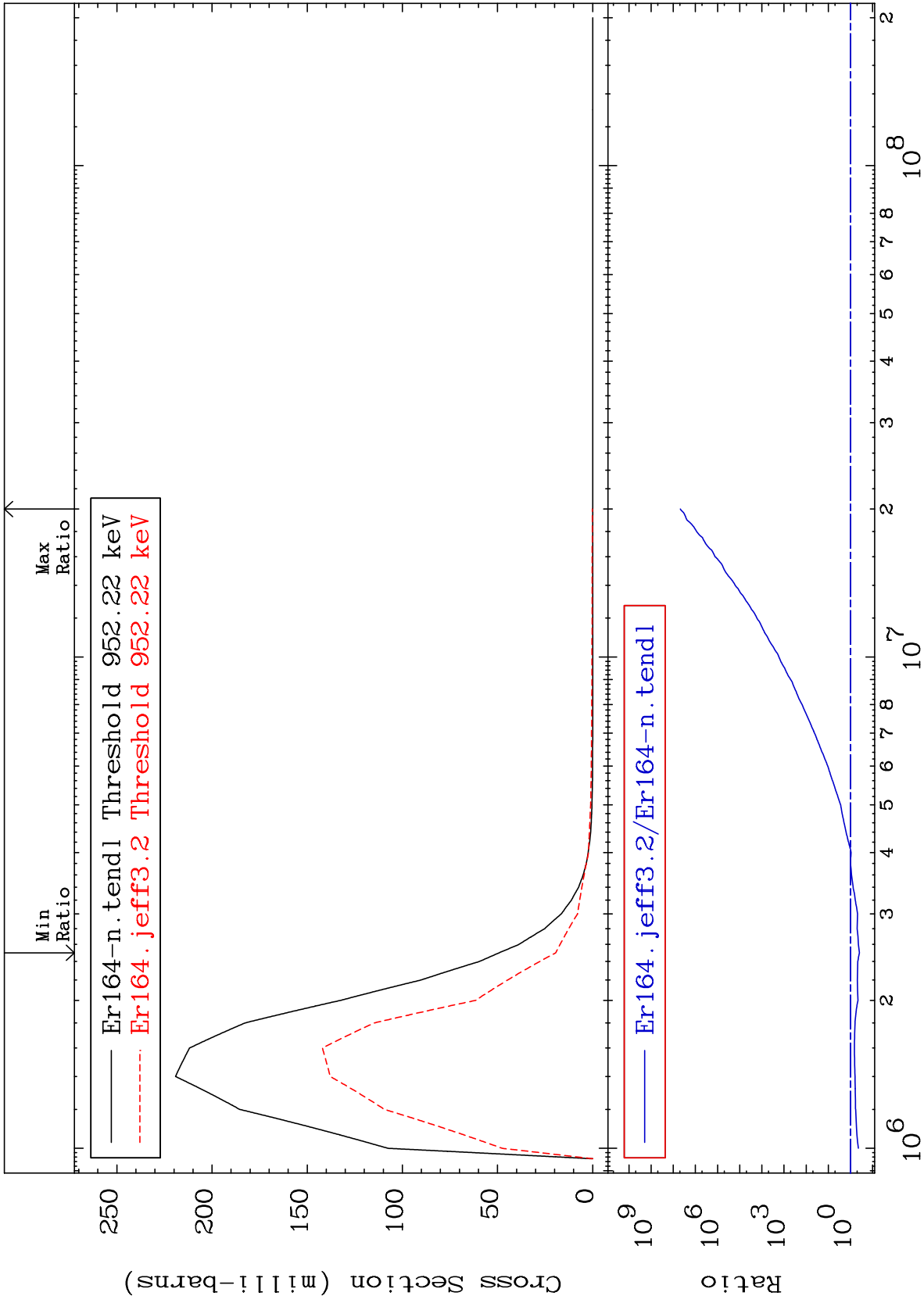
Incident Energy (eV)

68-Er-164

MAT 6831

946.4 keV (n,n') Level
Cross Section

68-Er-164
-60.47 To 9999. %



12

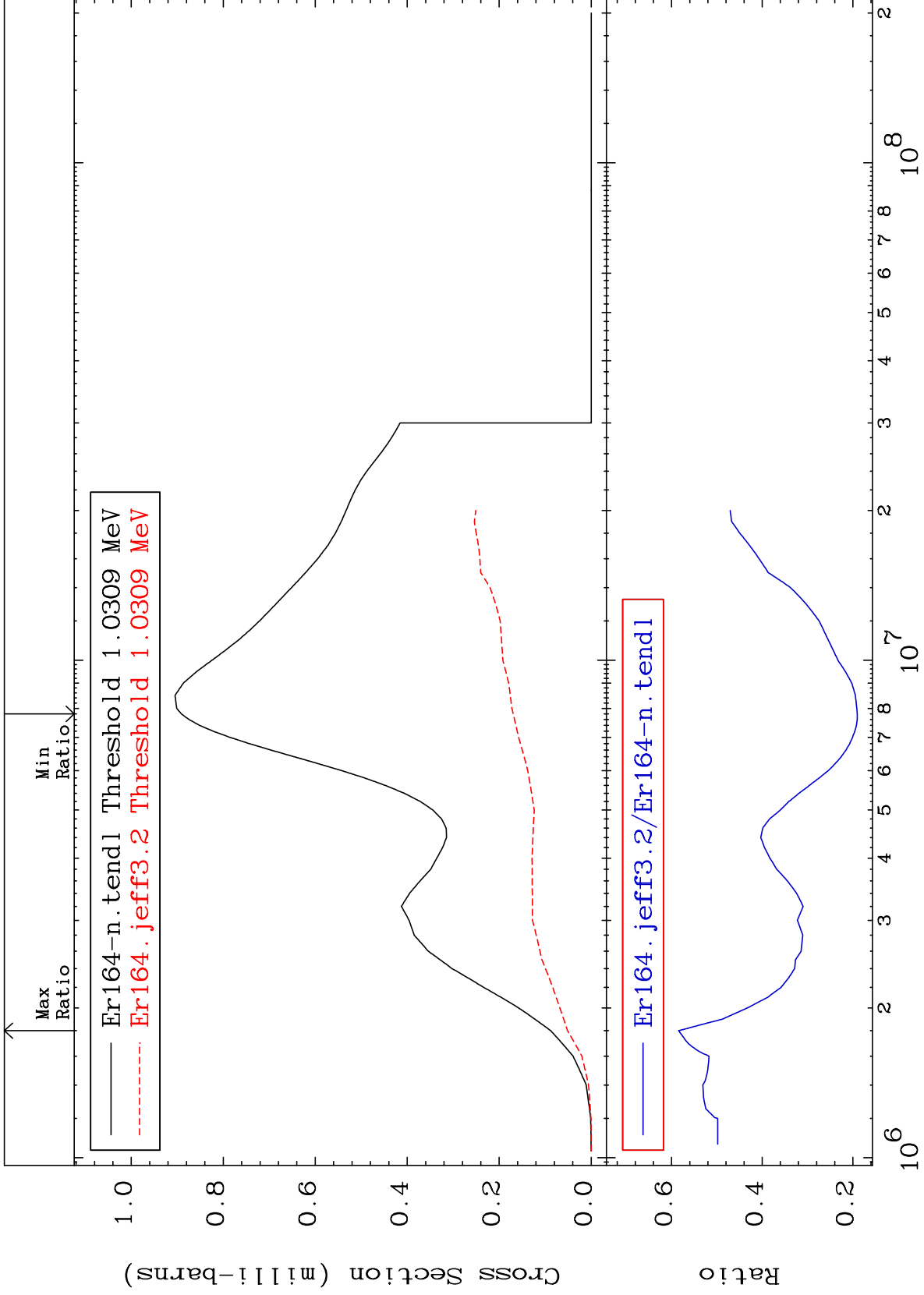
Incident Energy (eV)

68-Er-164

MAT 6831

1.025 MeV (n,n') Level
Cross Section

68-Er-164
-80.97 To -41.55%



13

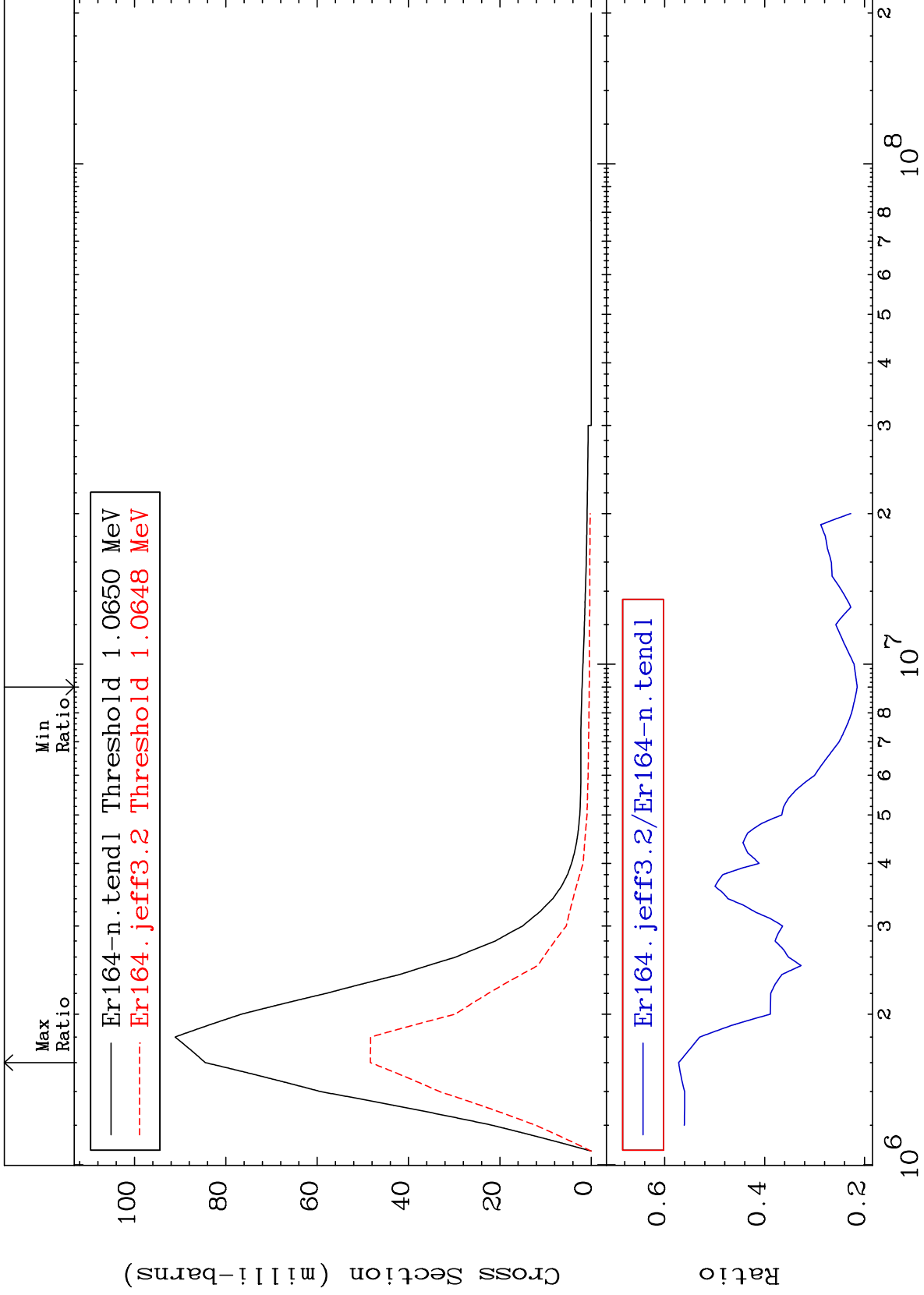
Incident Energy (eV)

68-Er-164

MAT 6831

1.058 MeV (n,n') Level
Cross Section

68-Er-164
-78.55 To -42.78%



14

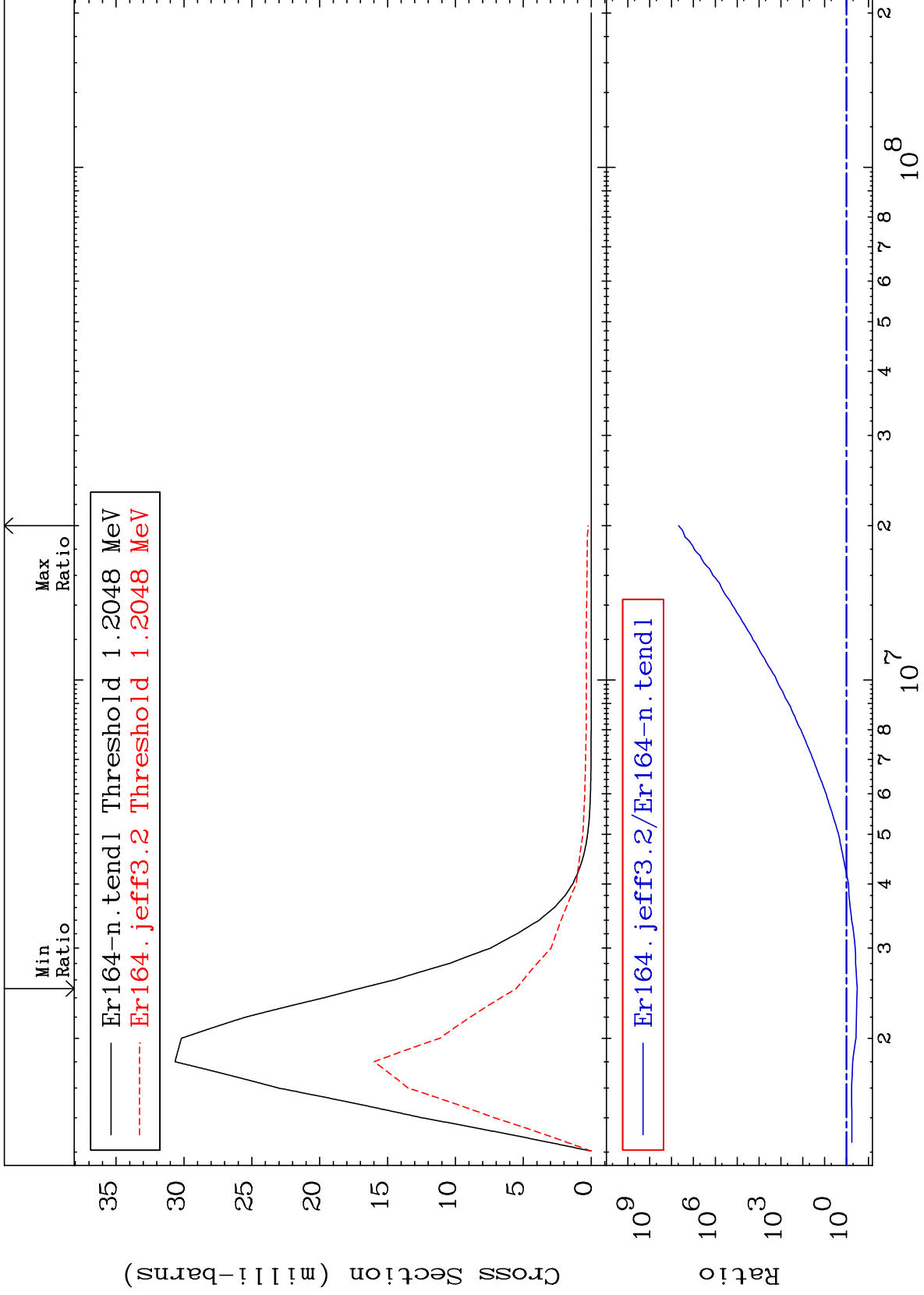
68-Er-164

68-Er-164

MAT 6831

1.197 MeV (n,n') Level
Cross Section

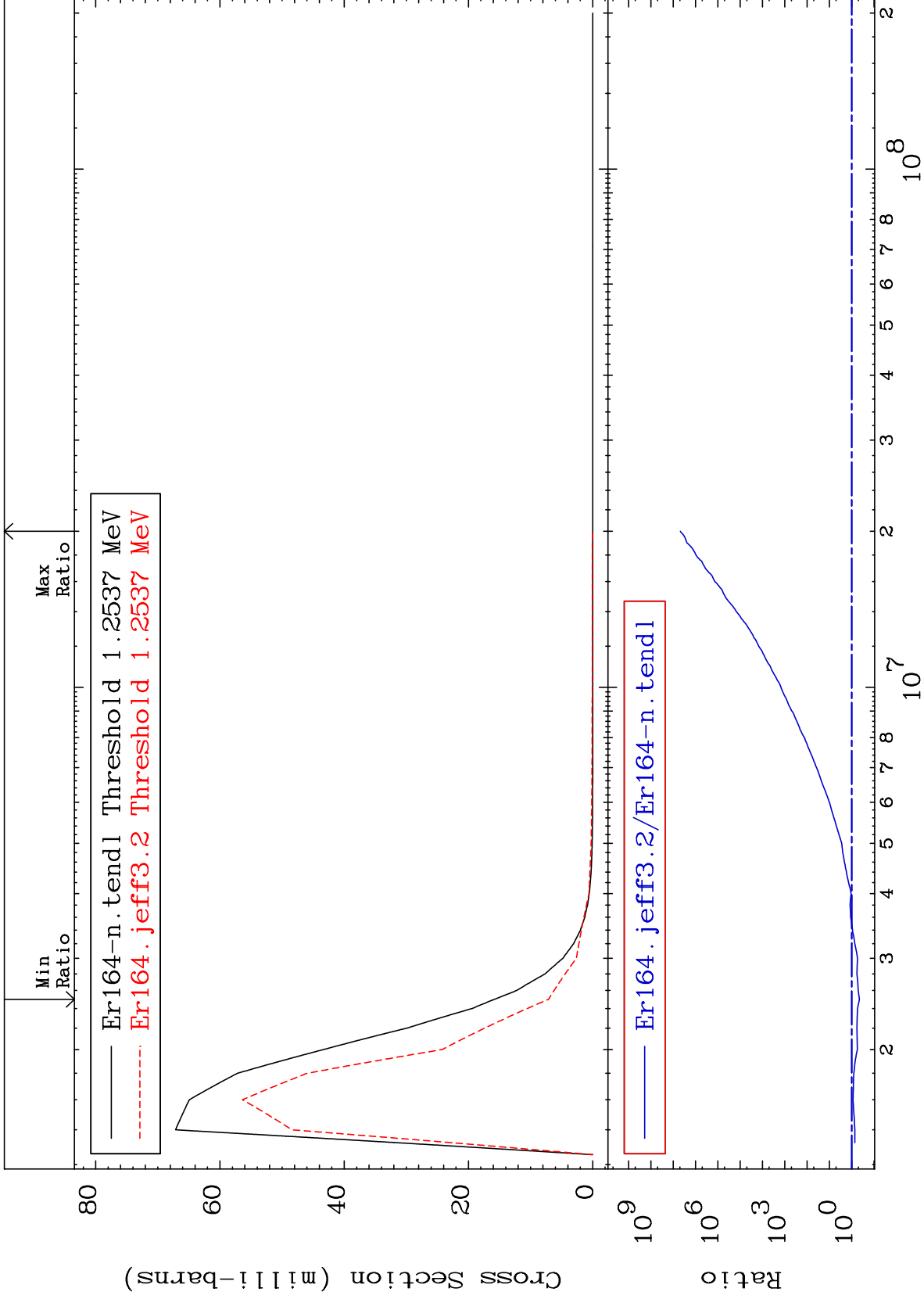
68-Er-164
-67.72 To 9999. %



MAT 6831

1.246 MeV (n,n') Level
Cross Section

68-Er-164
-55.05 To 9999. %



16

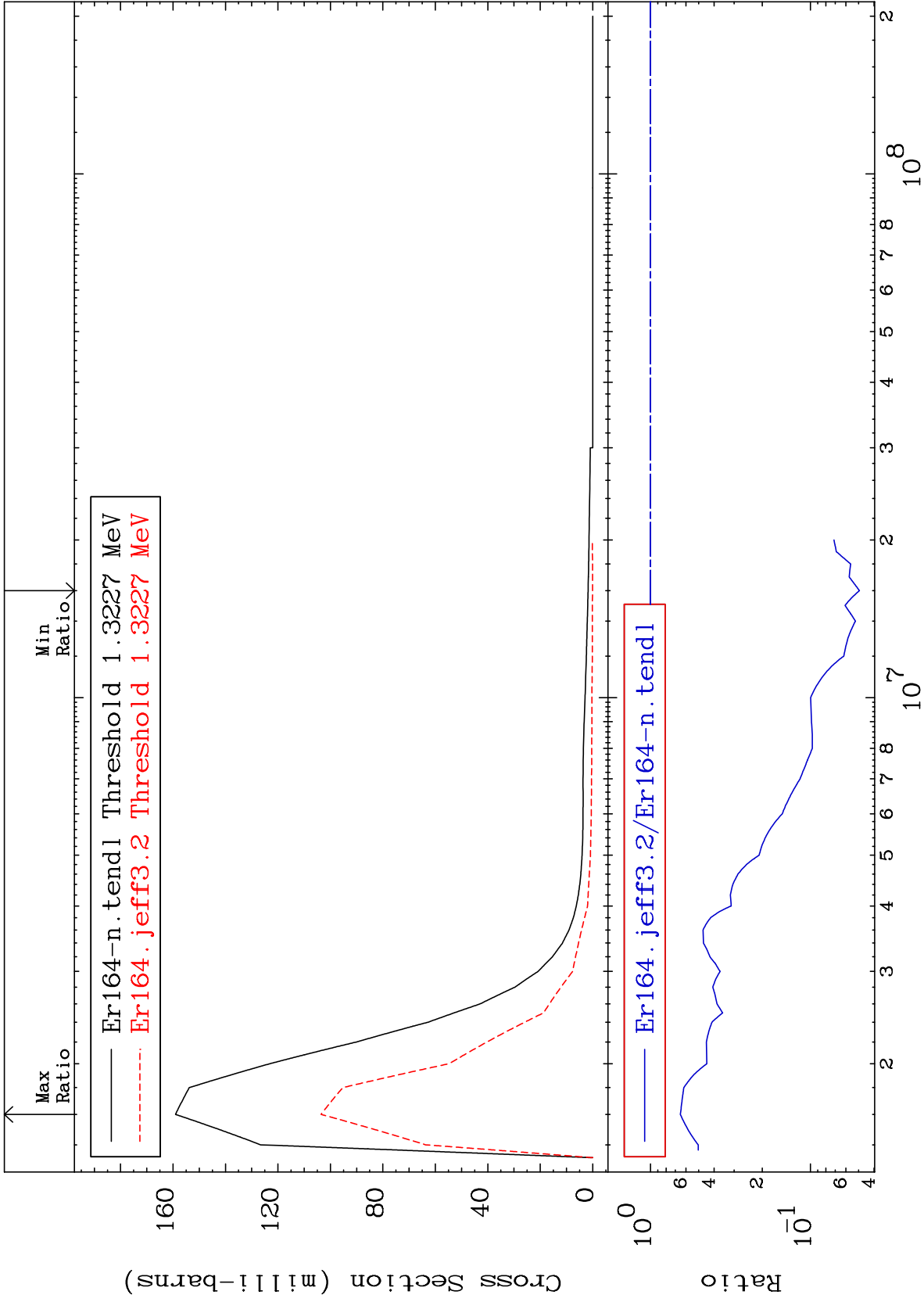
Incident Energy (eV)

68-Er-164

MAT 6831

1.315 MeV (n,n') Level
Cross Section

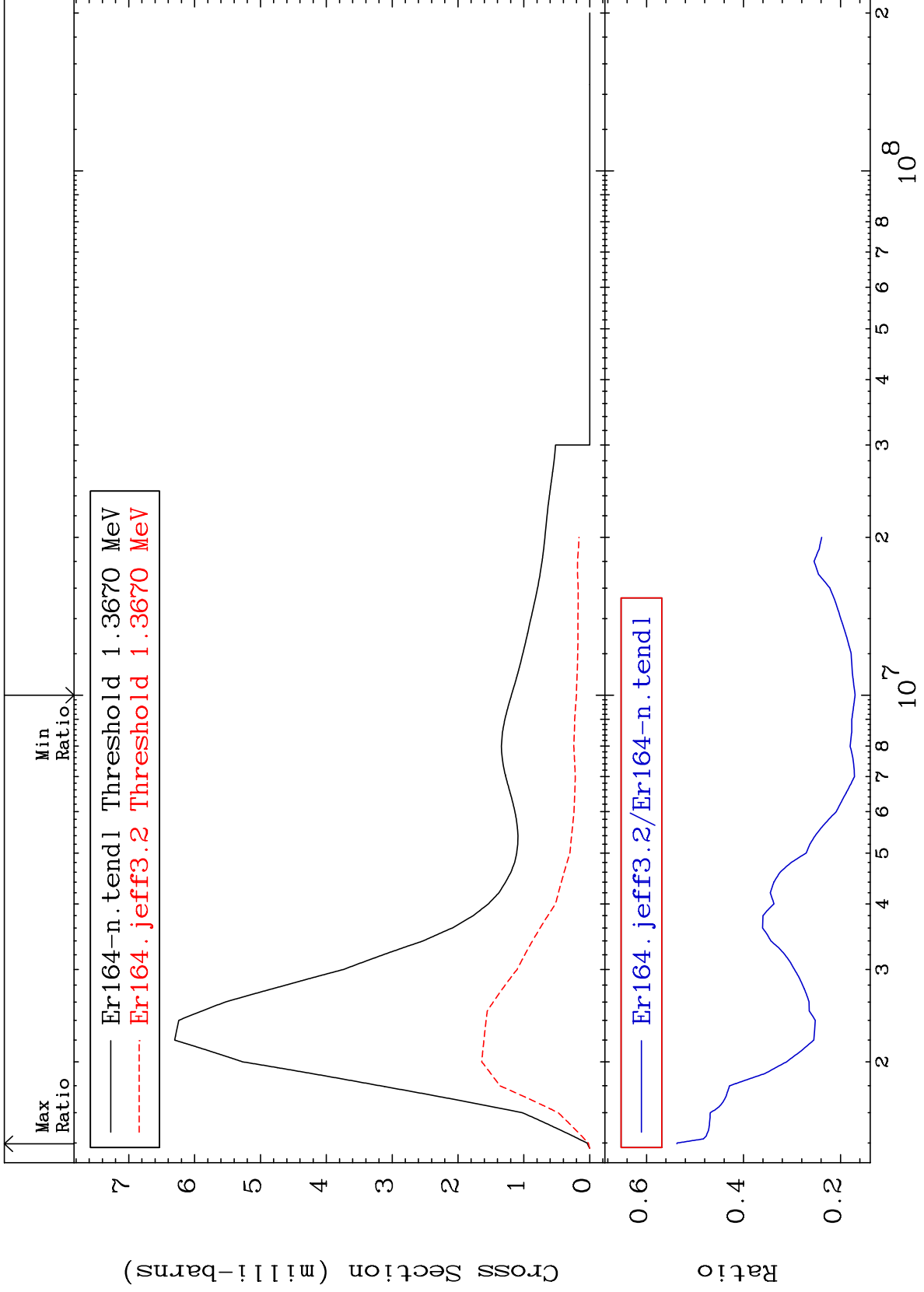
68-Er-164
-95.06 To -34.89%



MAT 6831

1.359 MeV (n,n') Level
Cross Section

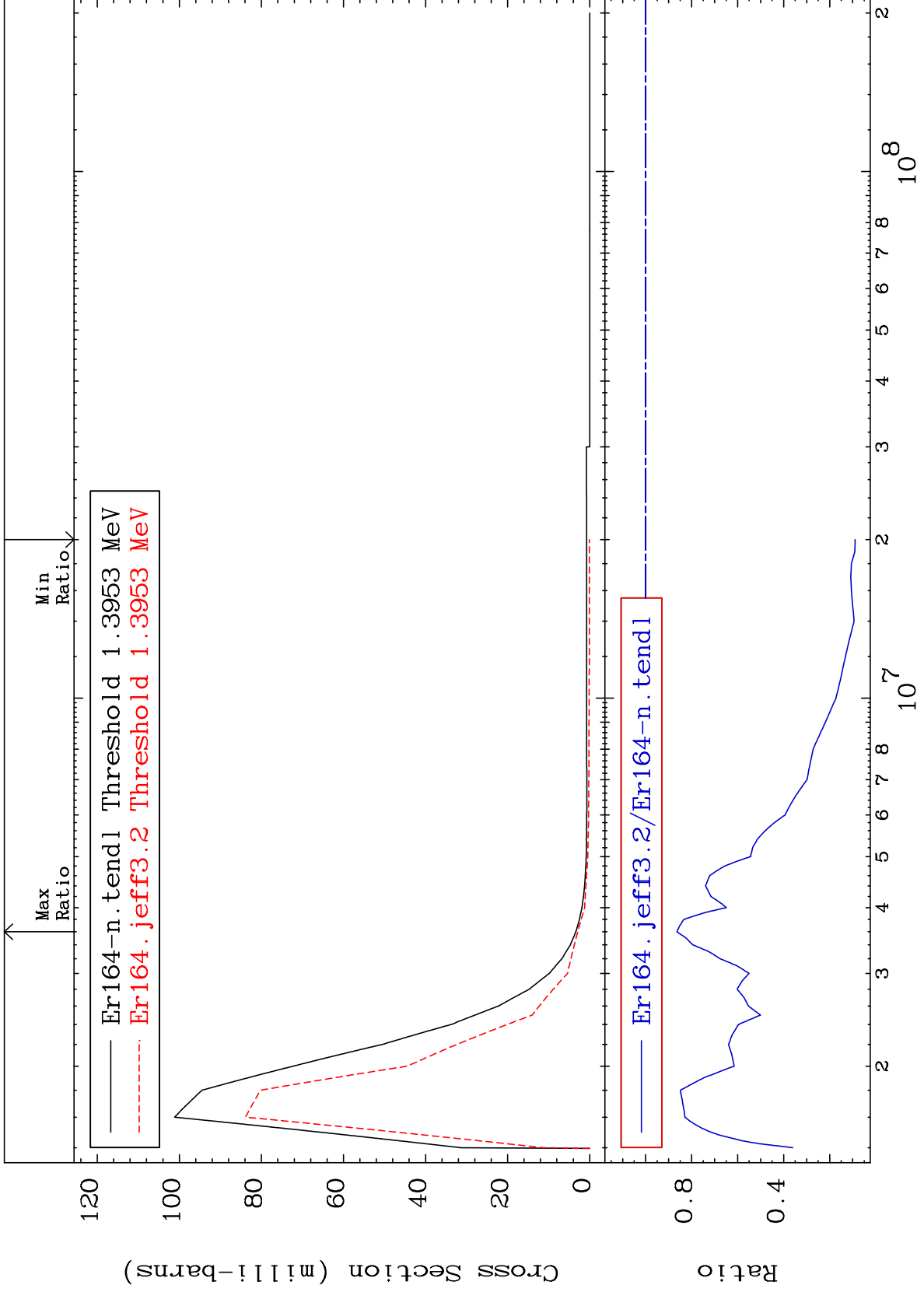
68-Er-164
-83.01 To -46.27%



MAT 6831

1.387 MeV (n,n') Level
Cross Section

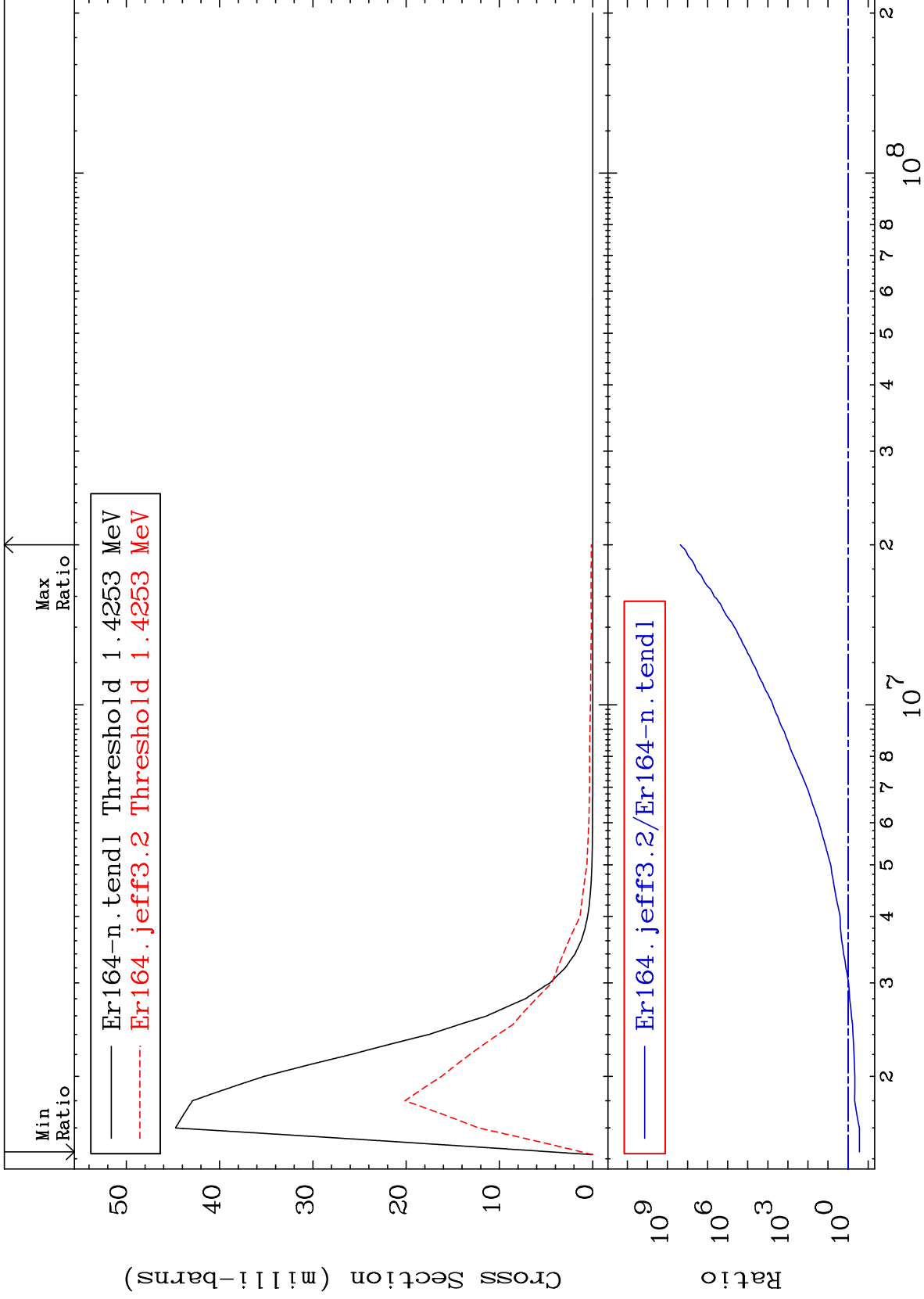
68-Er-164
-91.05 To -13.60%



MAT 6831

1.417 MeV (n,n') Level
Cross Section

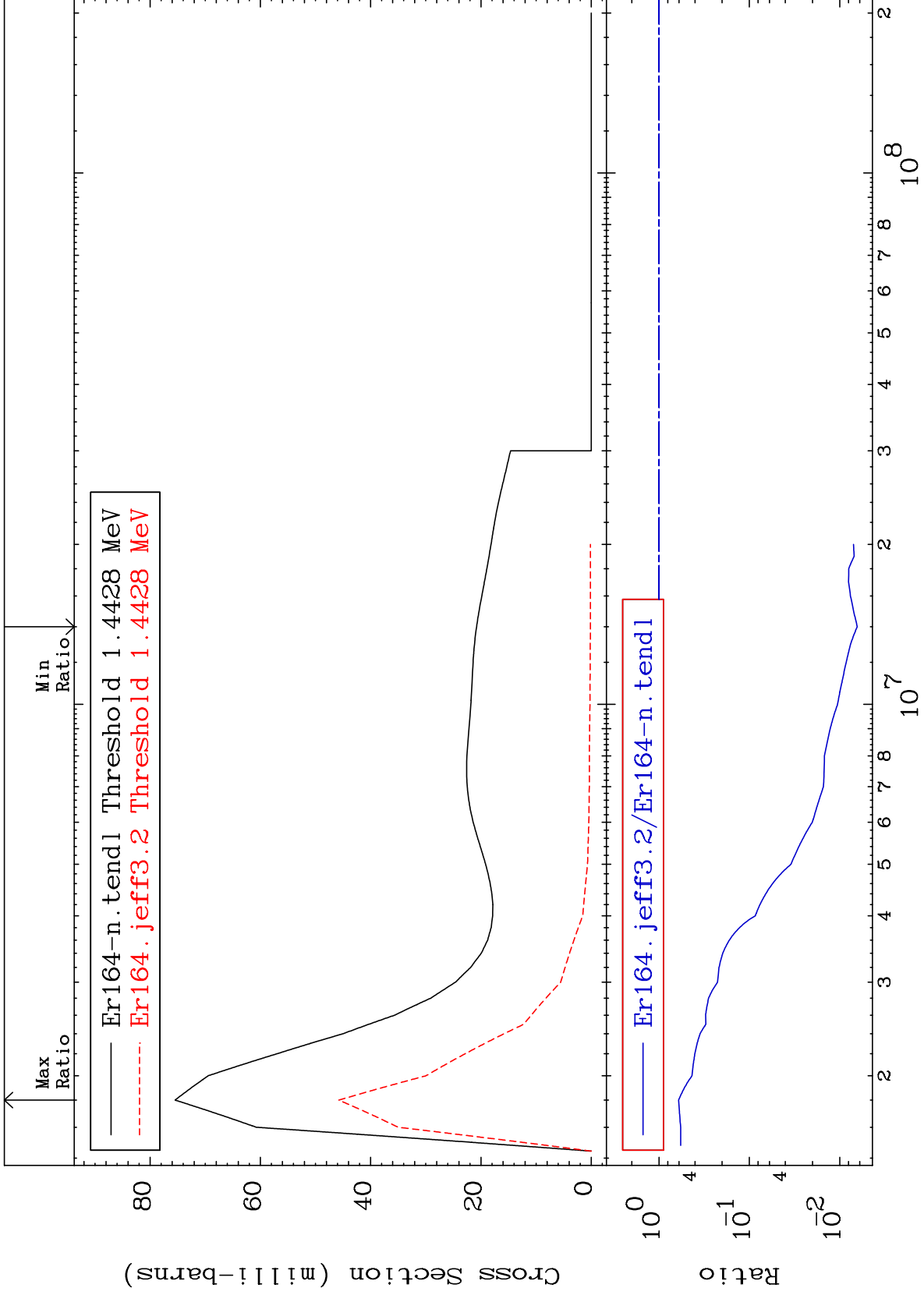
68-Er-164
-72.76 To 9999. %



MAT 6831

1.434 MeV (n,n') Level
Cross Section

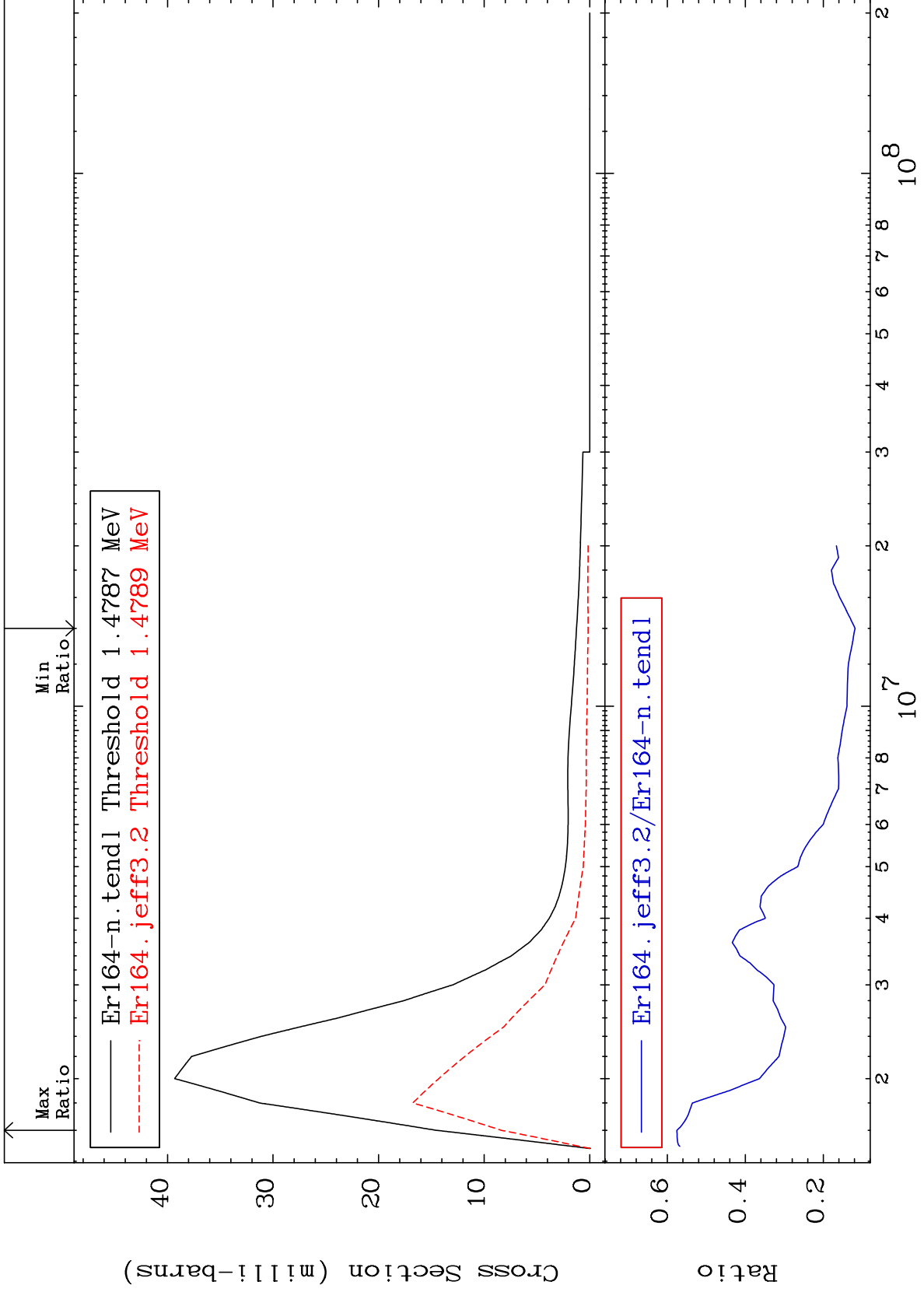
68-Er-164
-99.36 To -39.35%



MAT 6831

1.470 MeV (n,n') Level
Cross Section

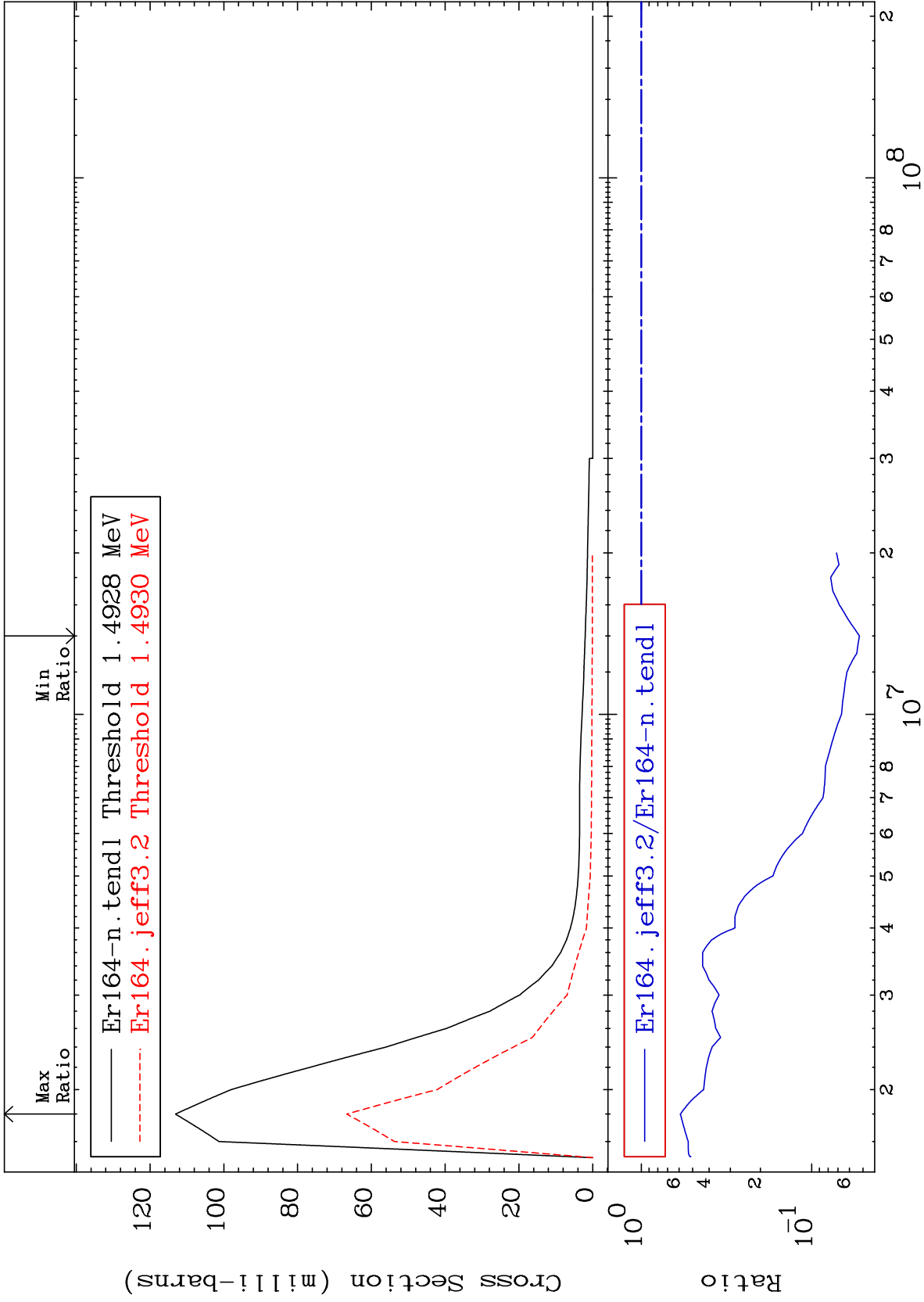
68-Er-164
-88.15 To -42.45%



MAT 6831

1.484 MeV (n,n') Level
Cross Section

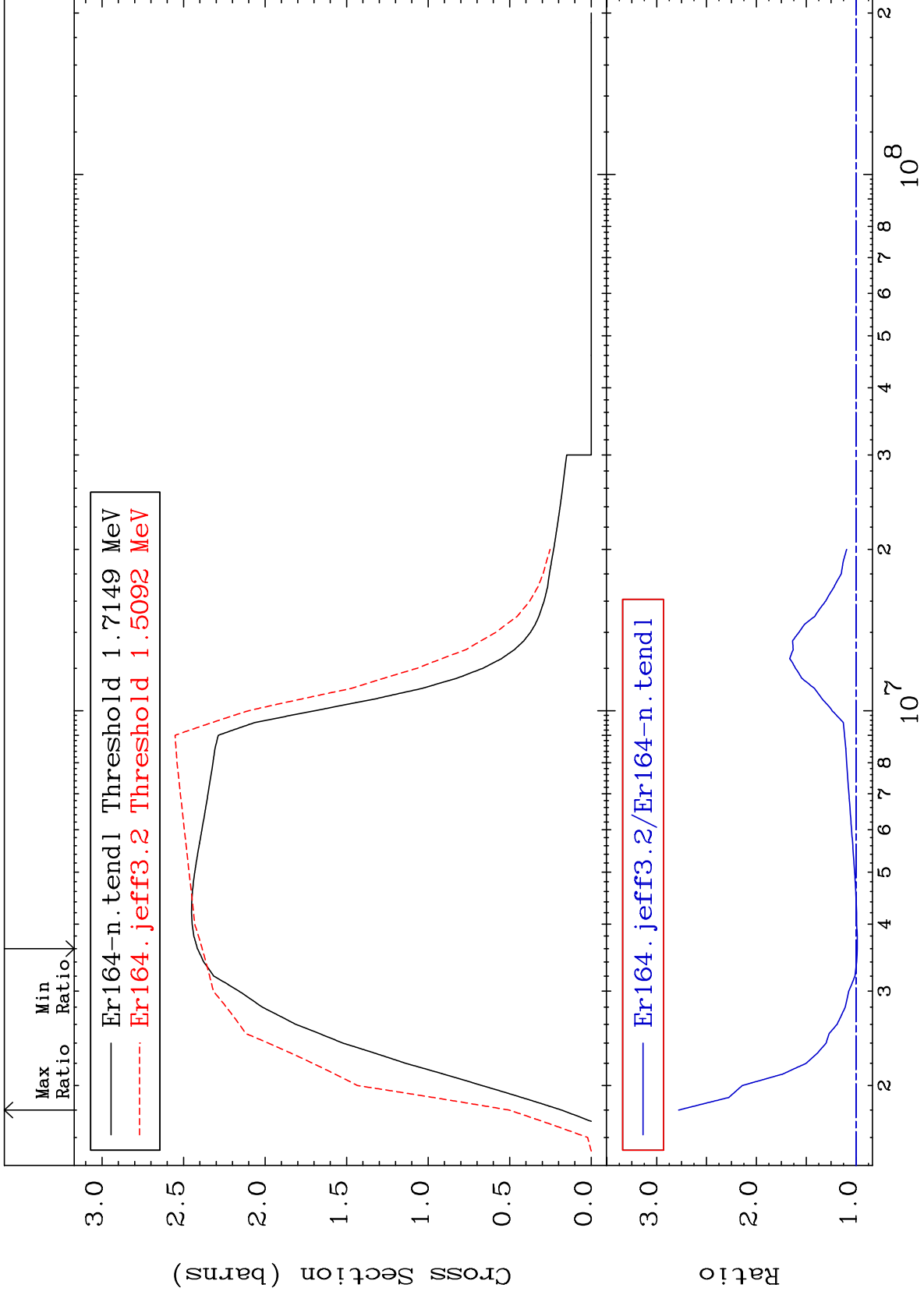
68-Er-164
-94.76 To -41.04%



MAT 6831

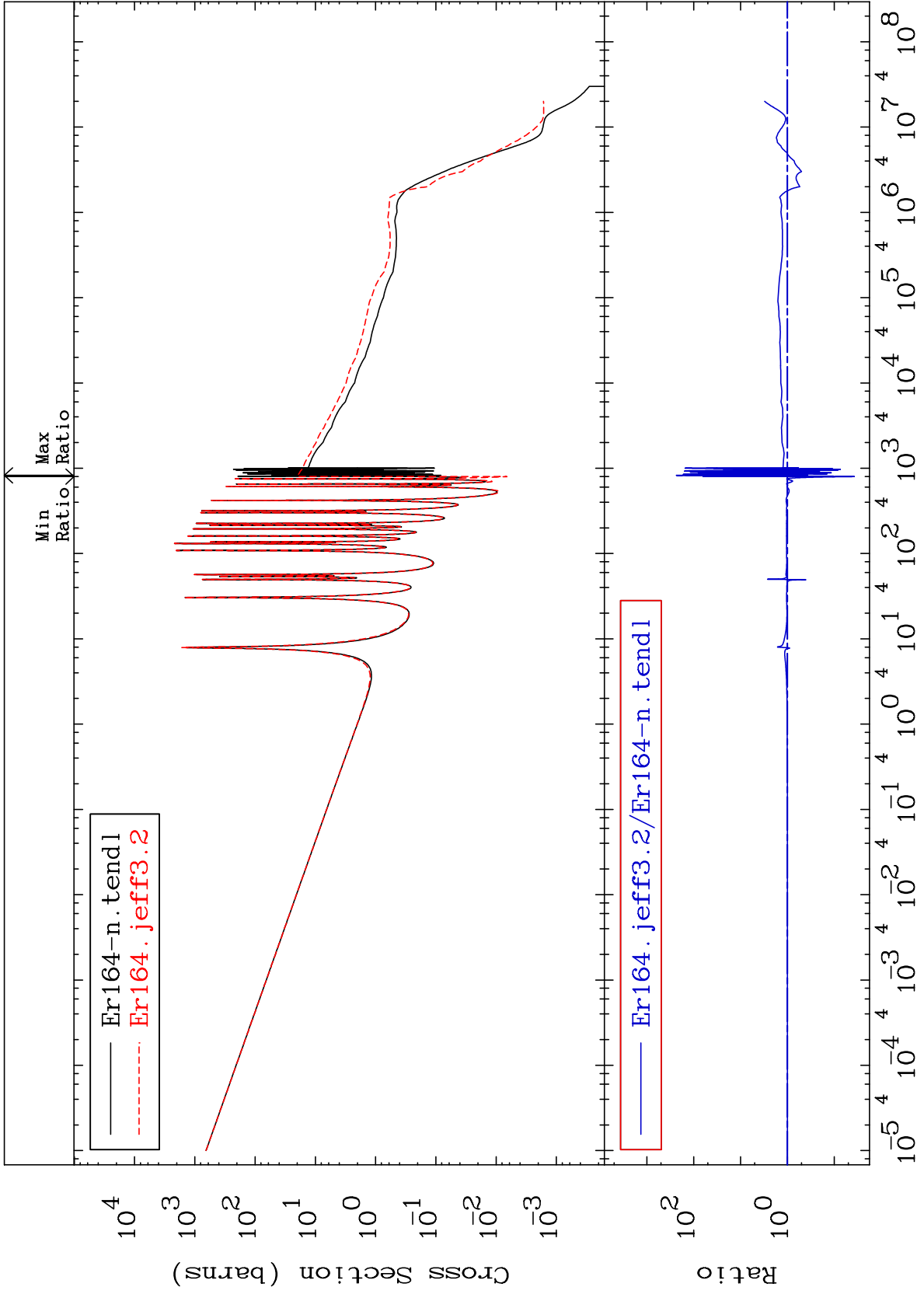
(n, n') Continuum
Cross Section

68-Er-164
-1.199 To 178.0 %



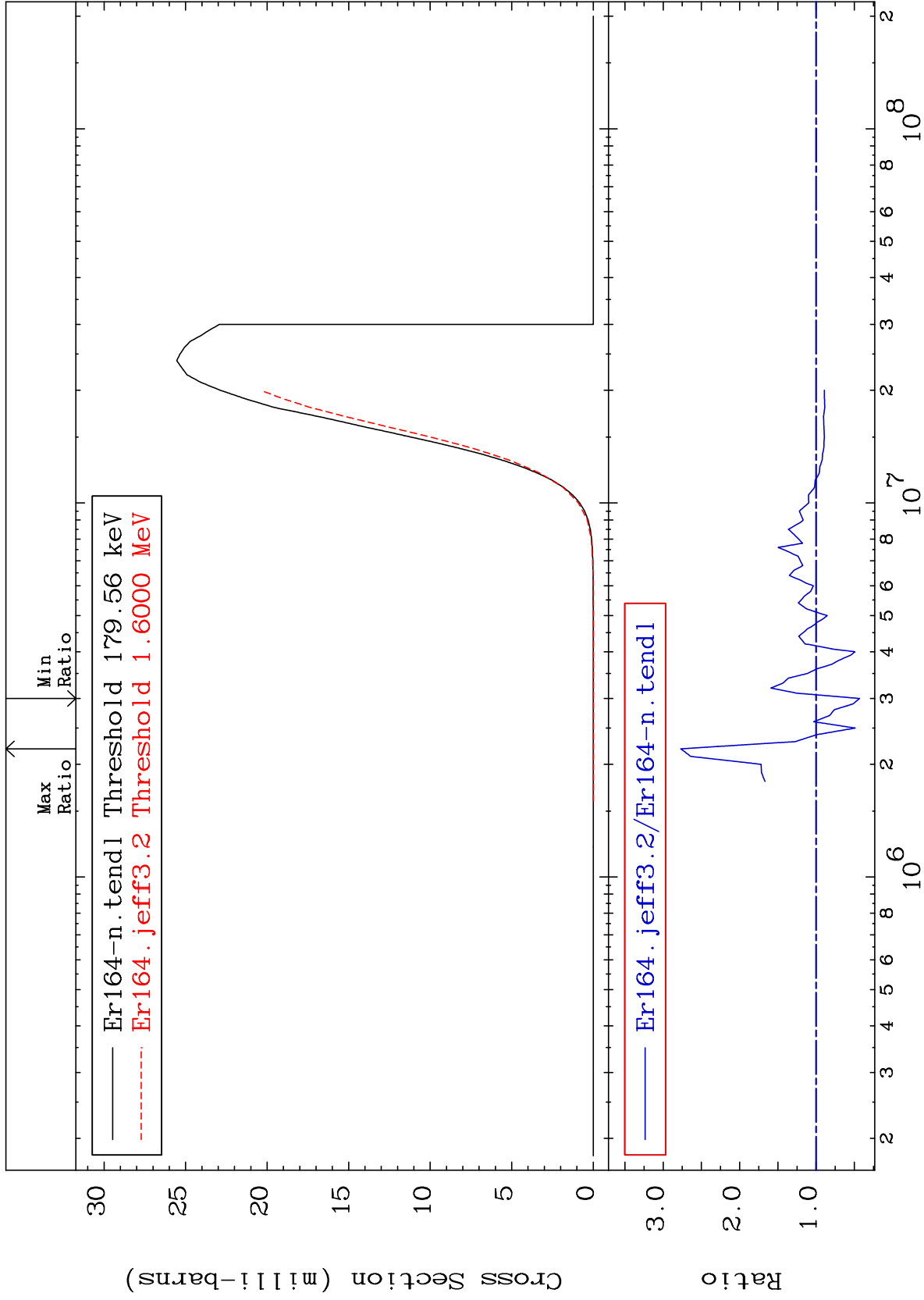
MAT 6831

(n, γ)
Cross Section
68-Er-164
-96.30 To 9999. %



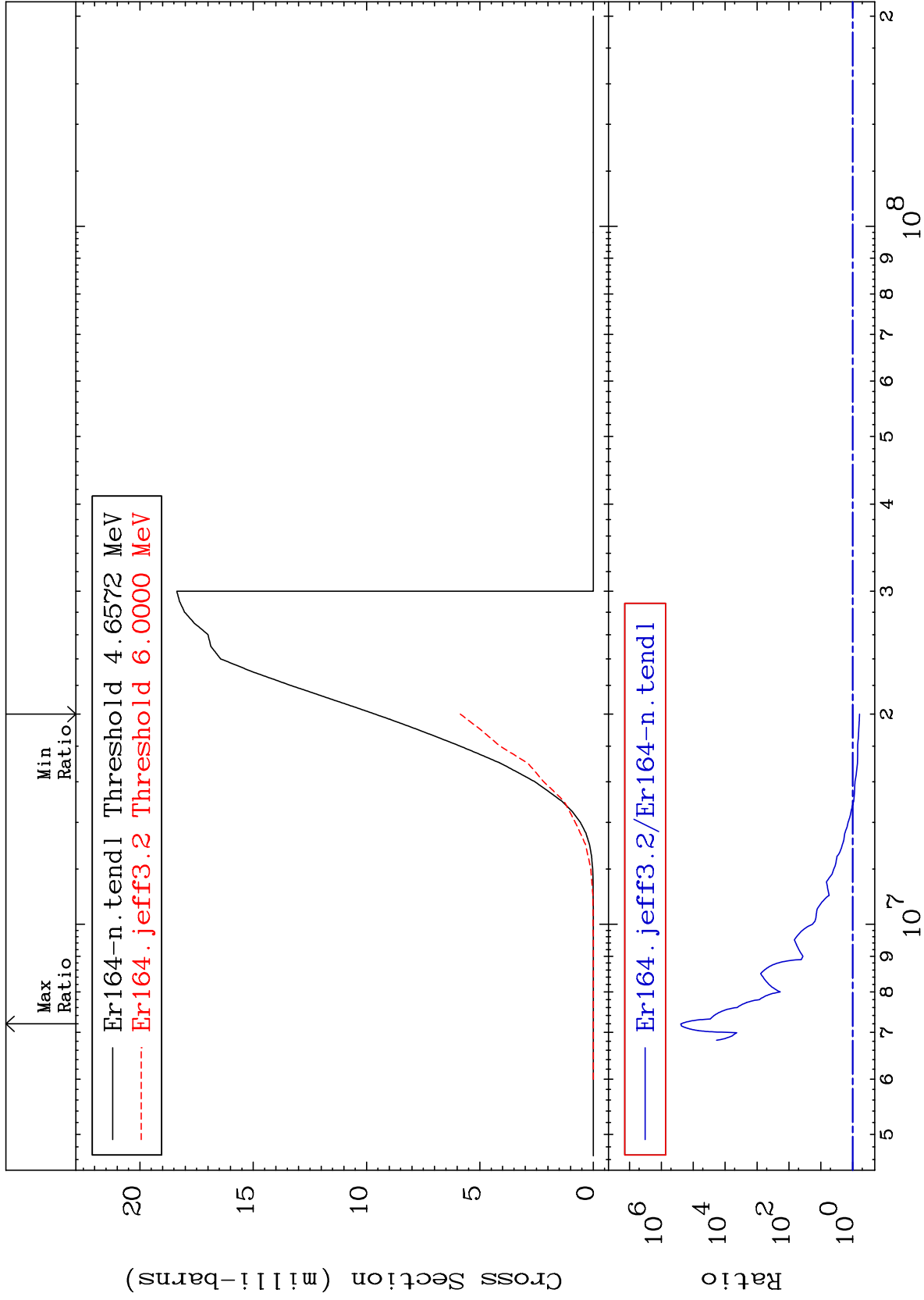
Cross Section

-56.77 To 177.0 %



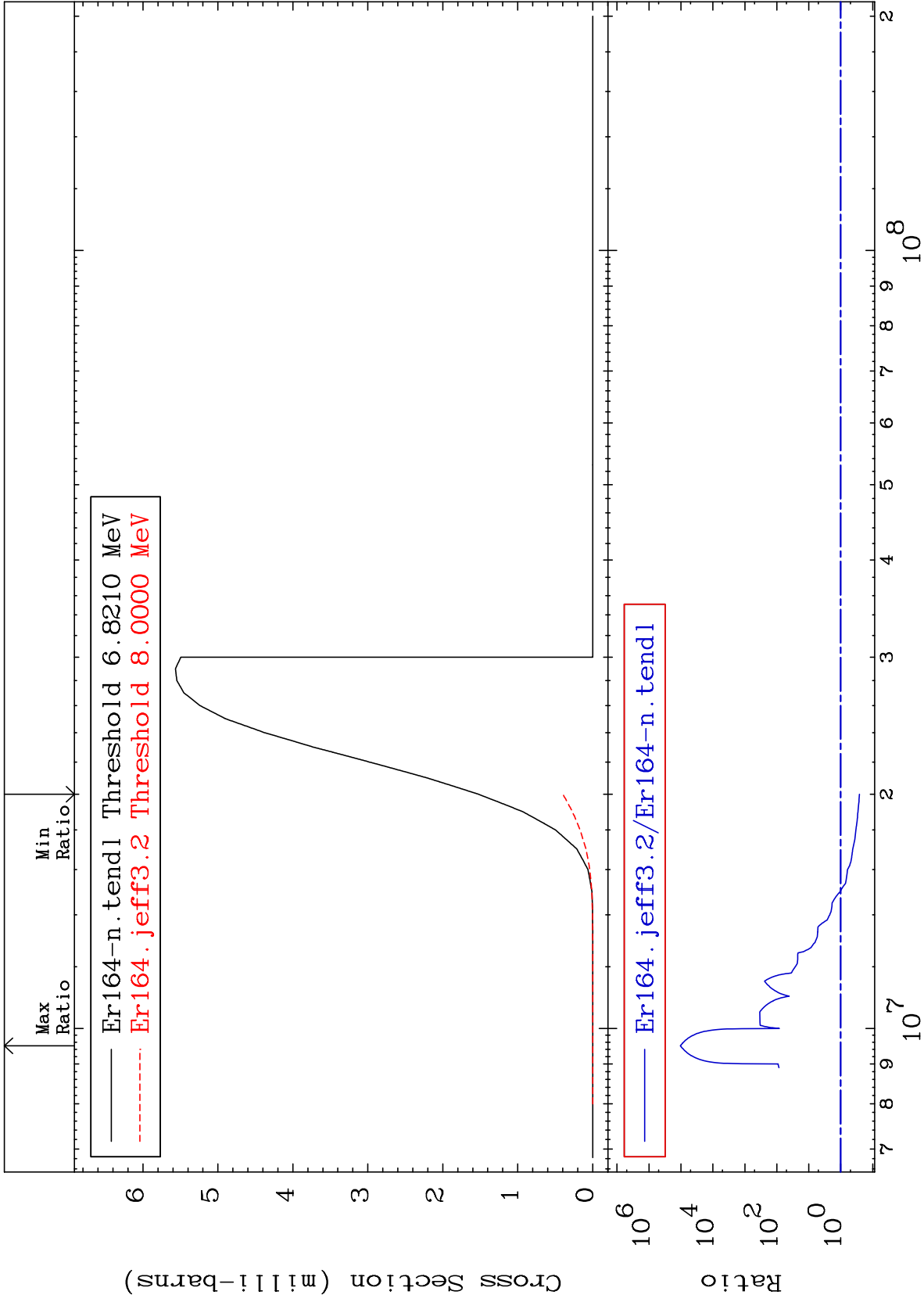
Cross Section

-39.04 To 9999. %



Cross Section

-73.97 To 9999. %



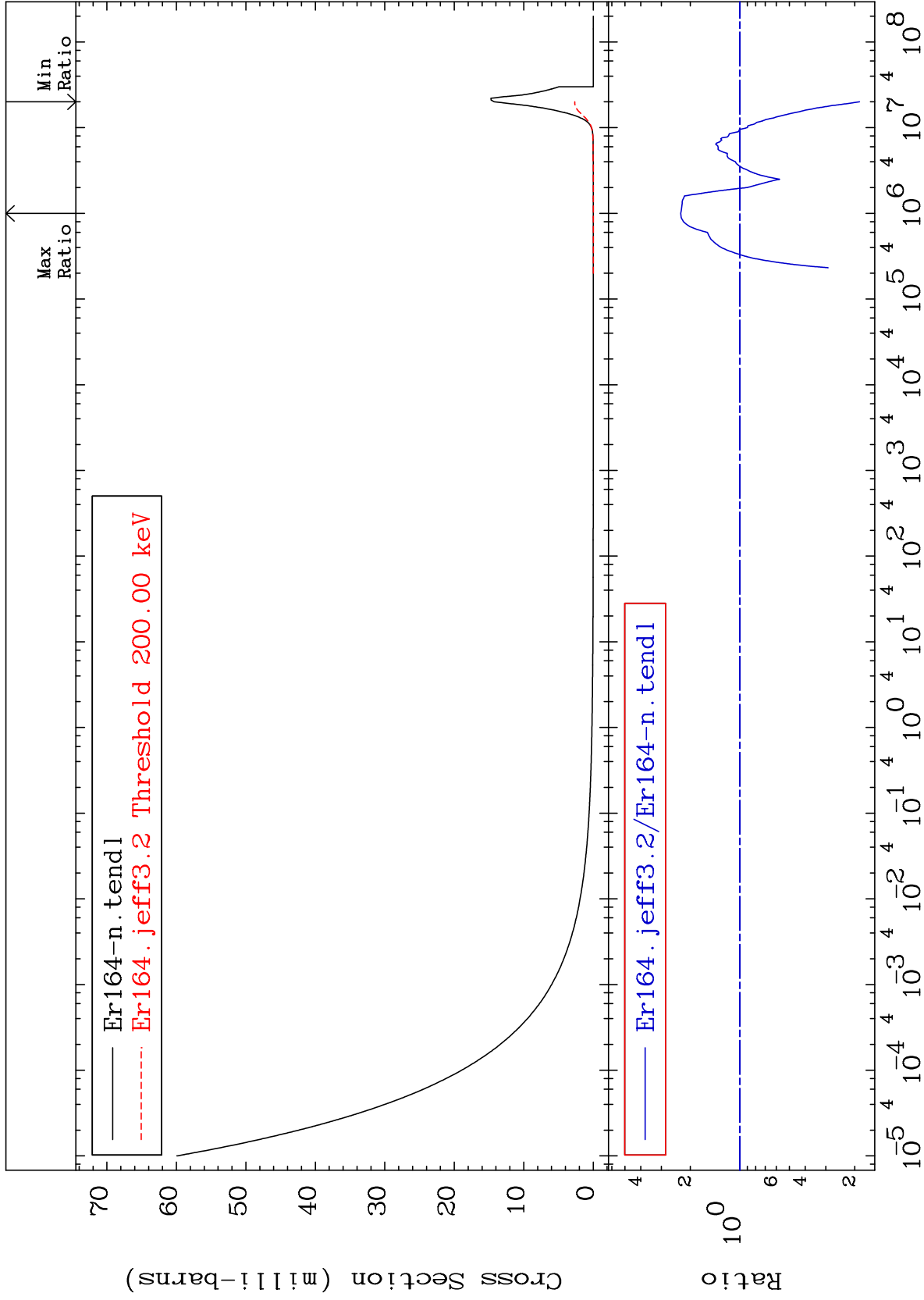
MAT 6831

(n, α)

68-Er-164

Cross Section

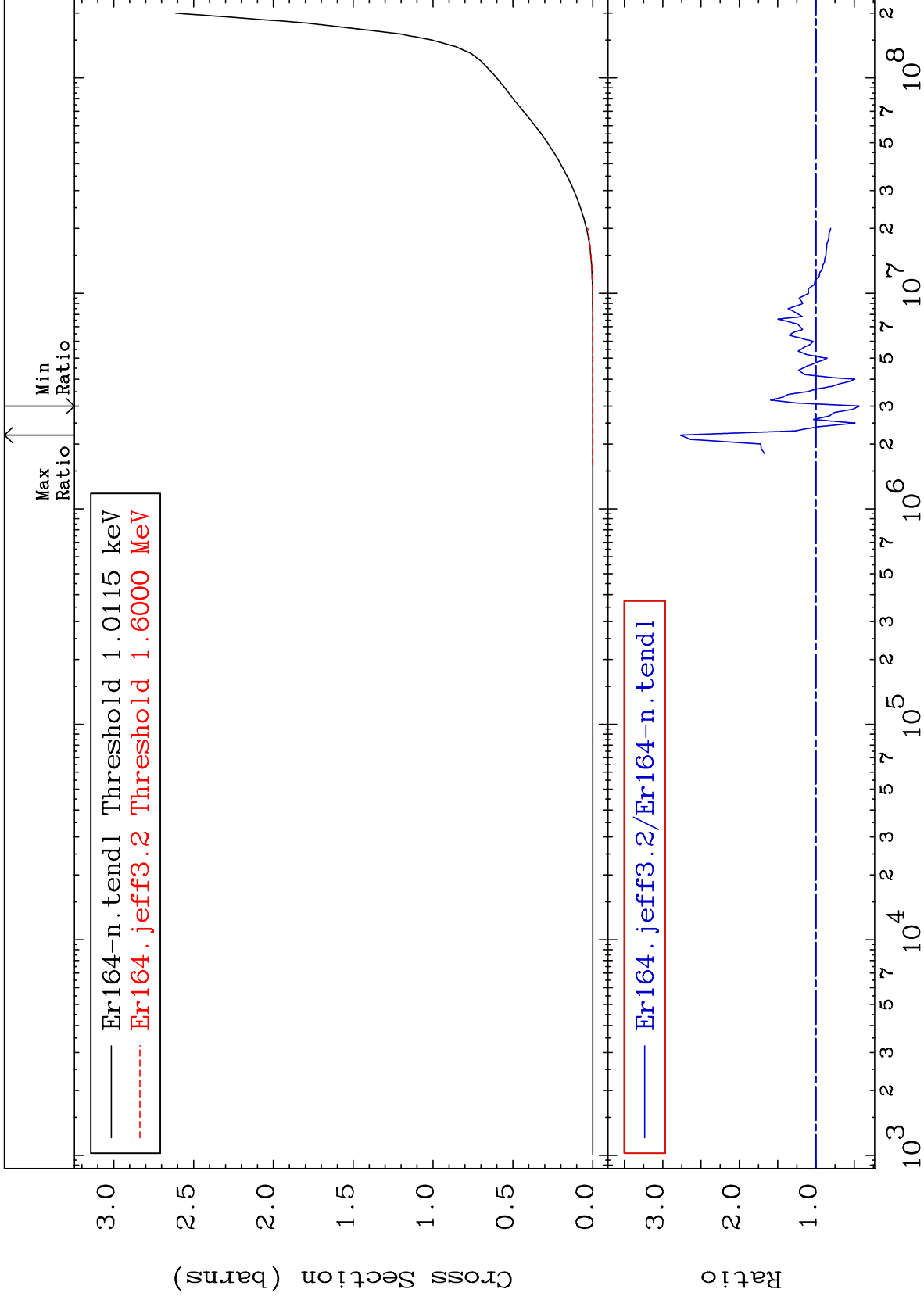
-81.29 To 128.7 %

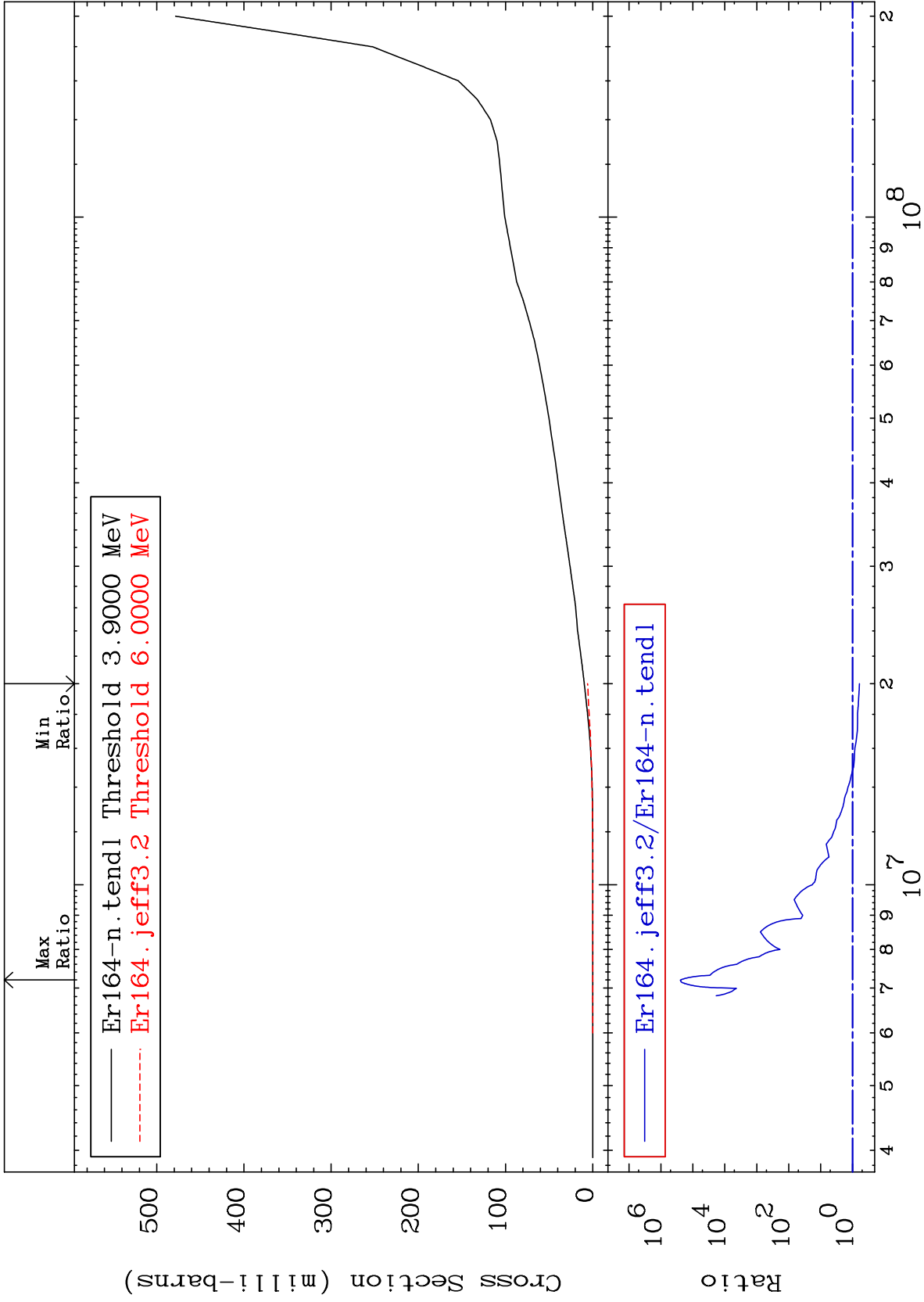


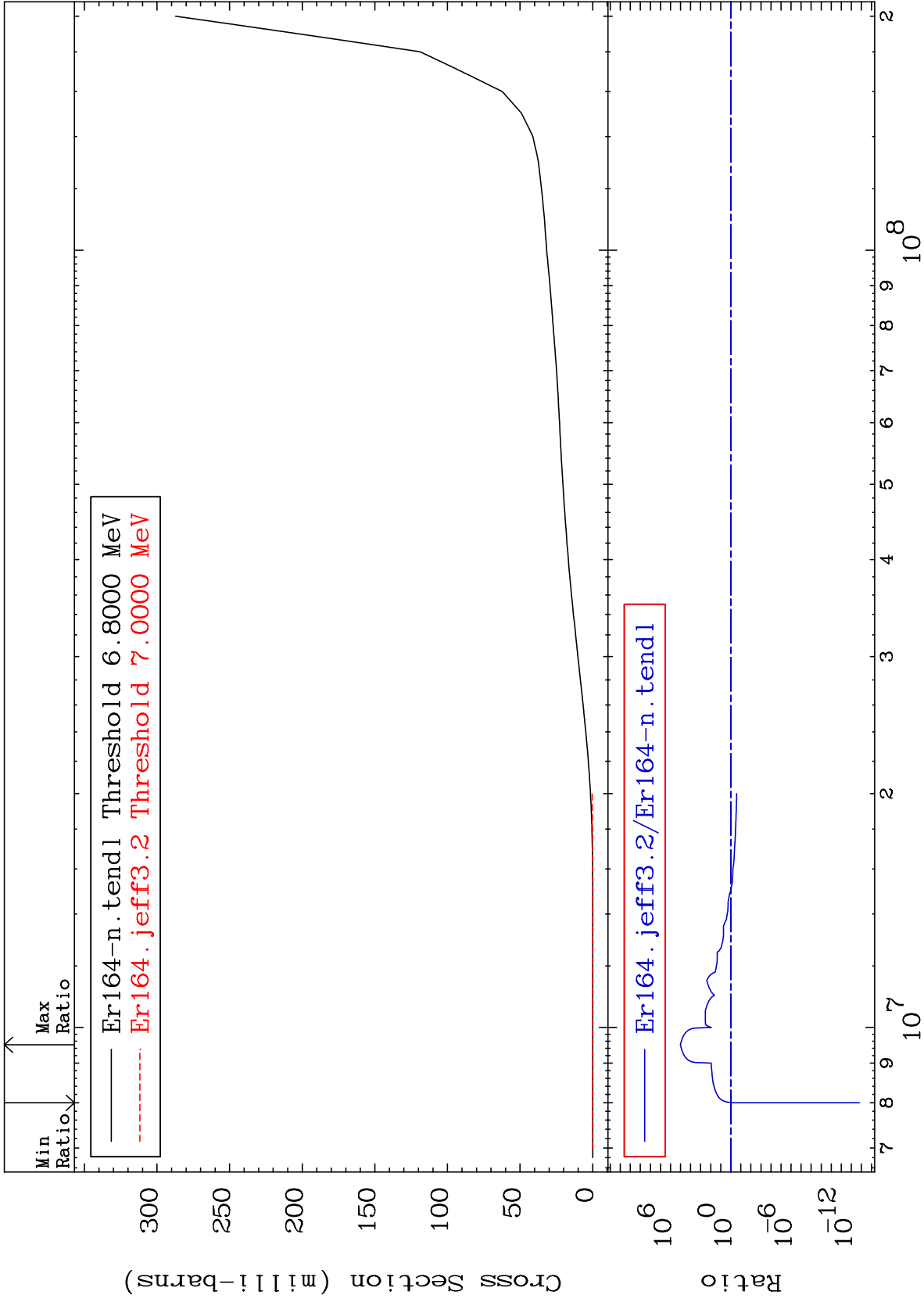
29

Incident Energy (eV)

68-Er-164



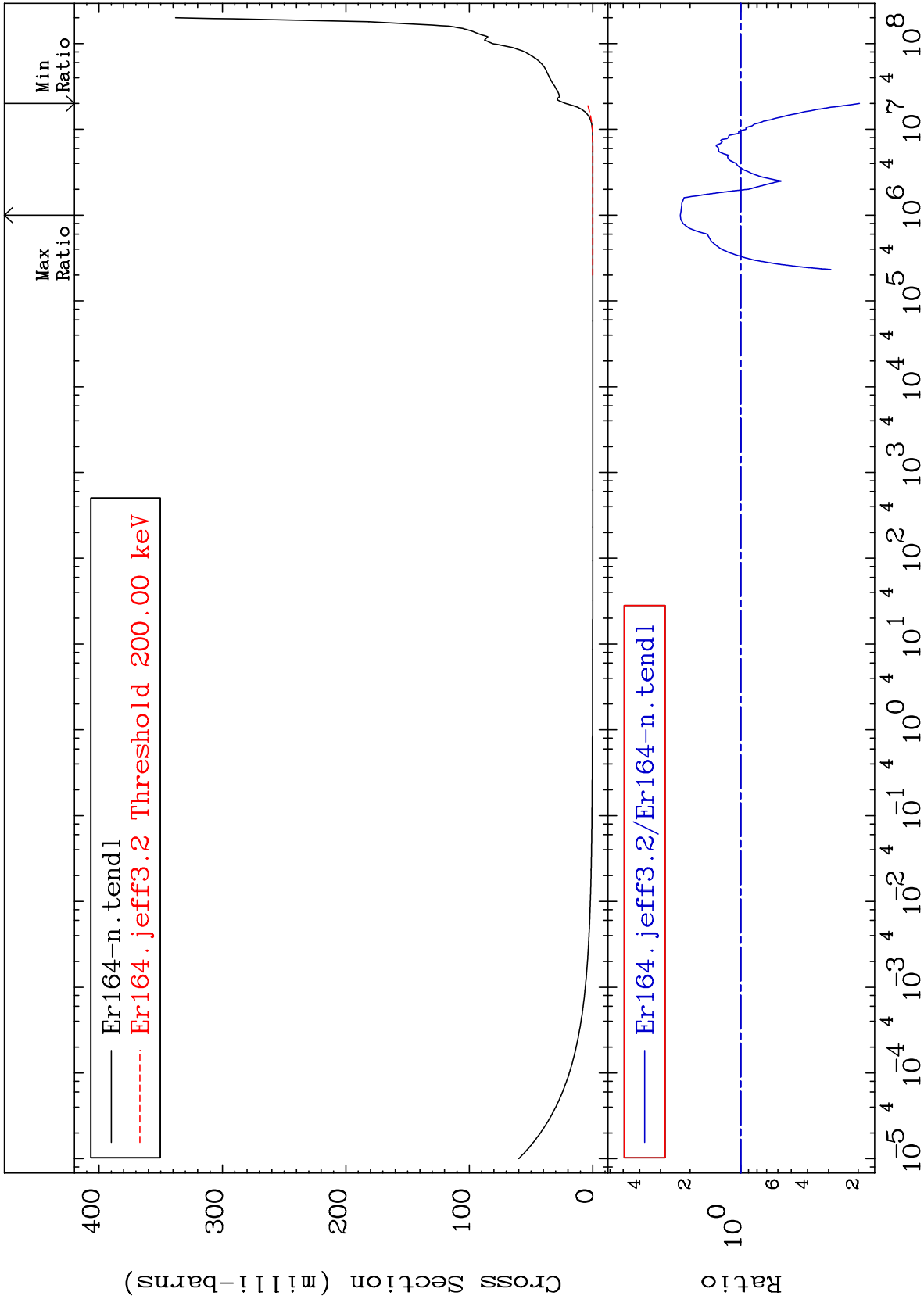




MAT 6831

He-4 Production
Cross Section

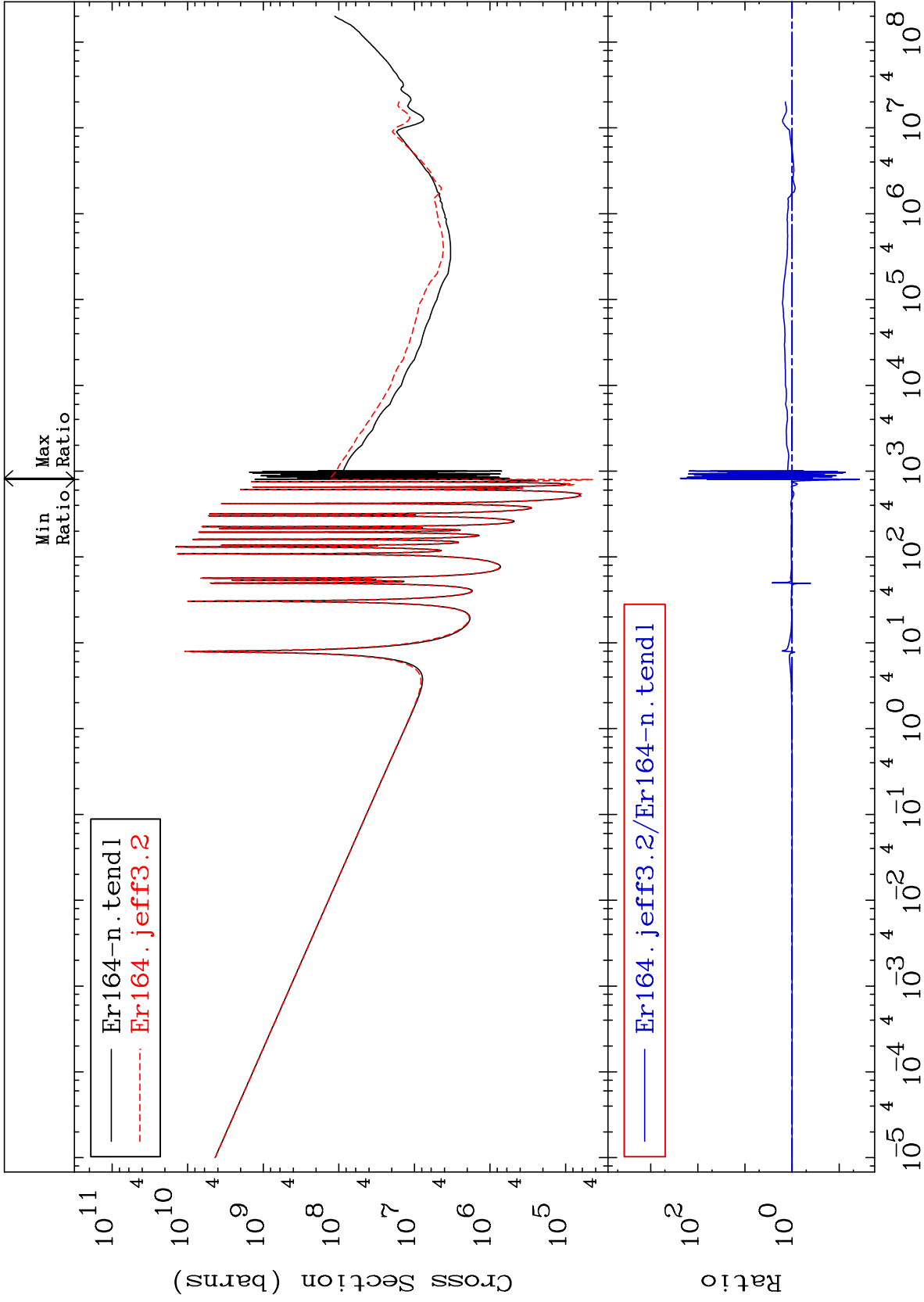
68-Er-164
-80.35 To 128.7 %

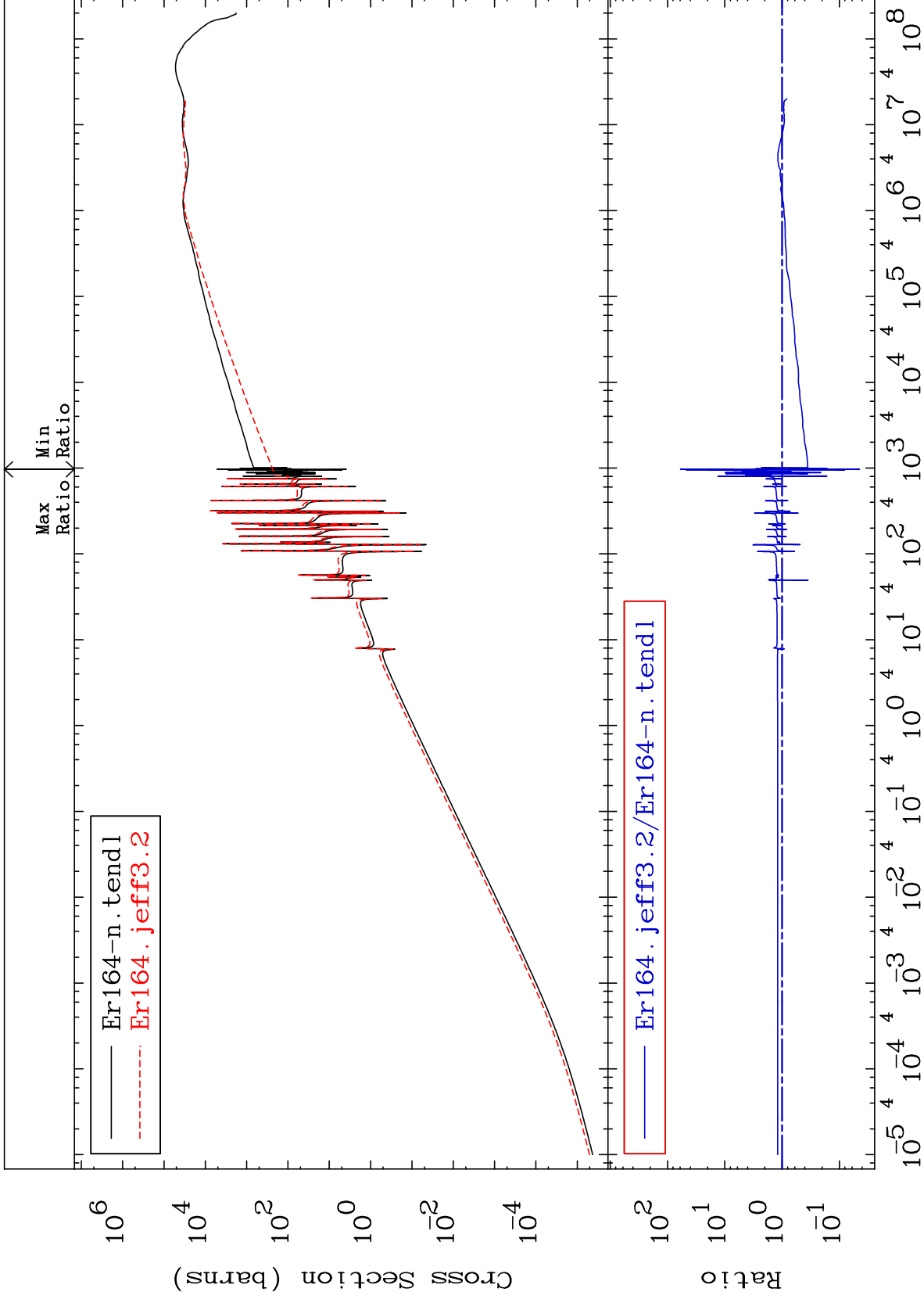


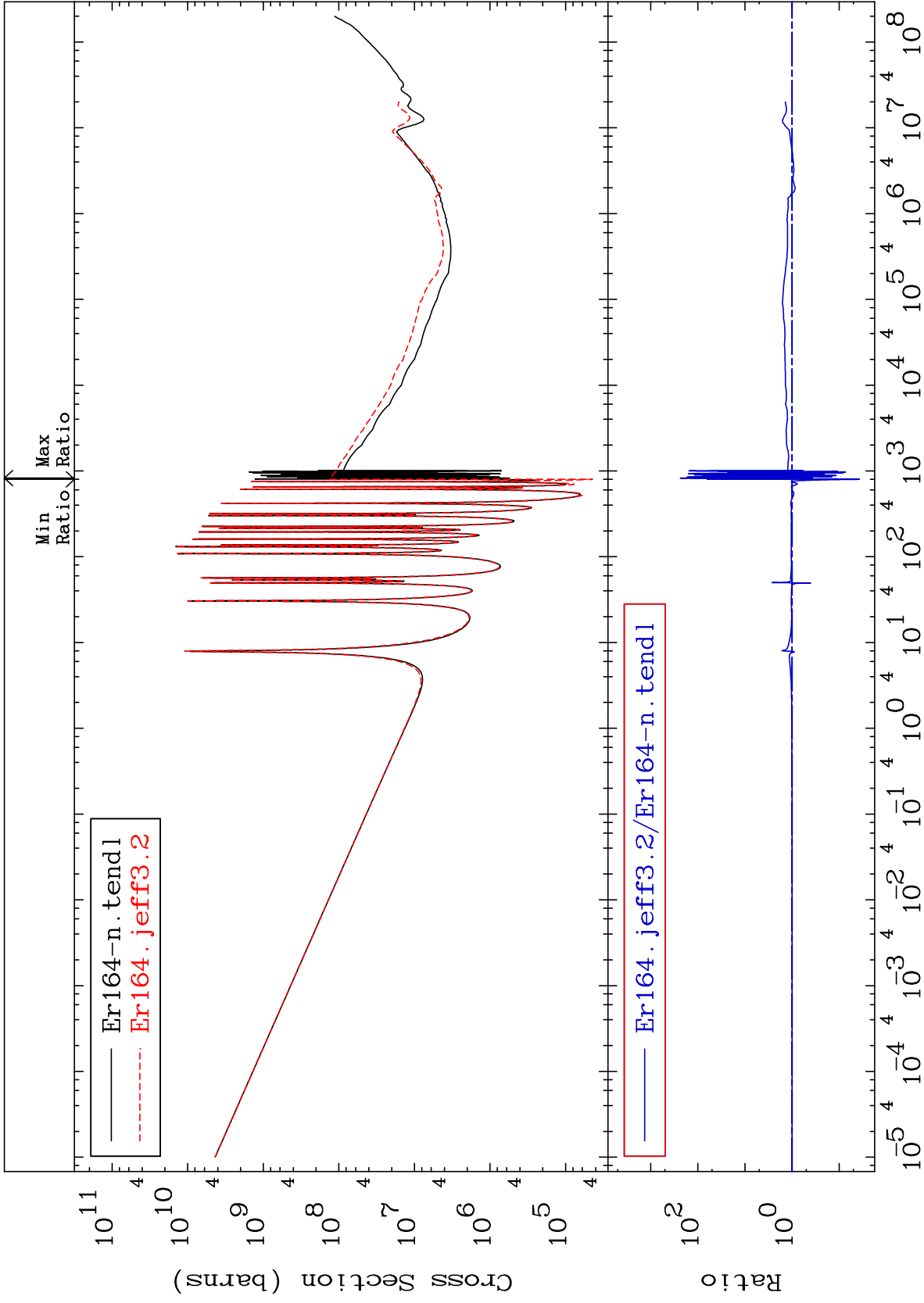
33

Incident Energy (eV)

68-Er-164



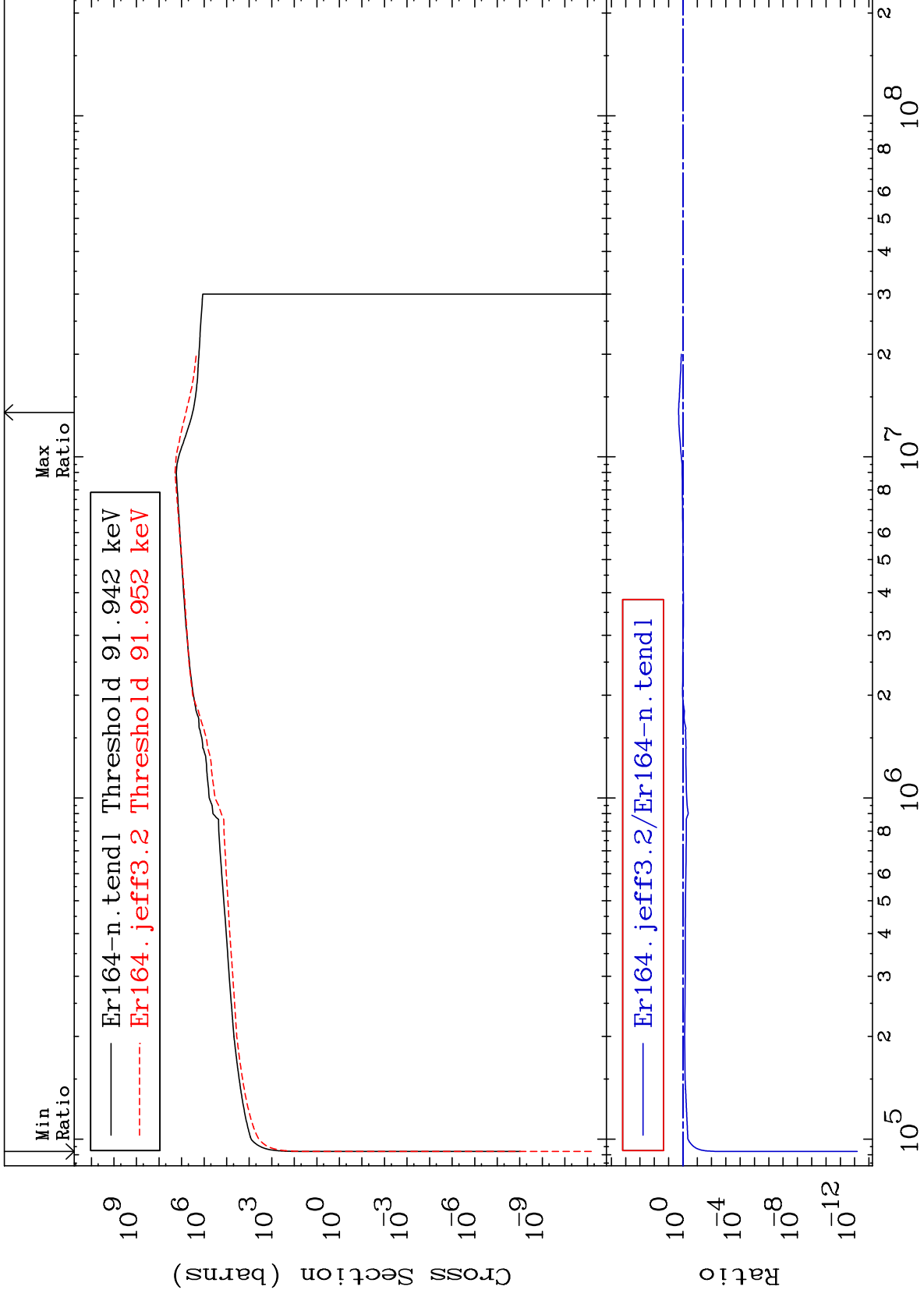




MAT 6831

Kerma inelastic (mt51-91)
Cross Section

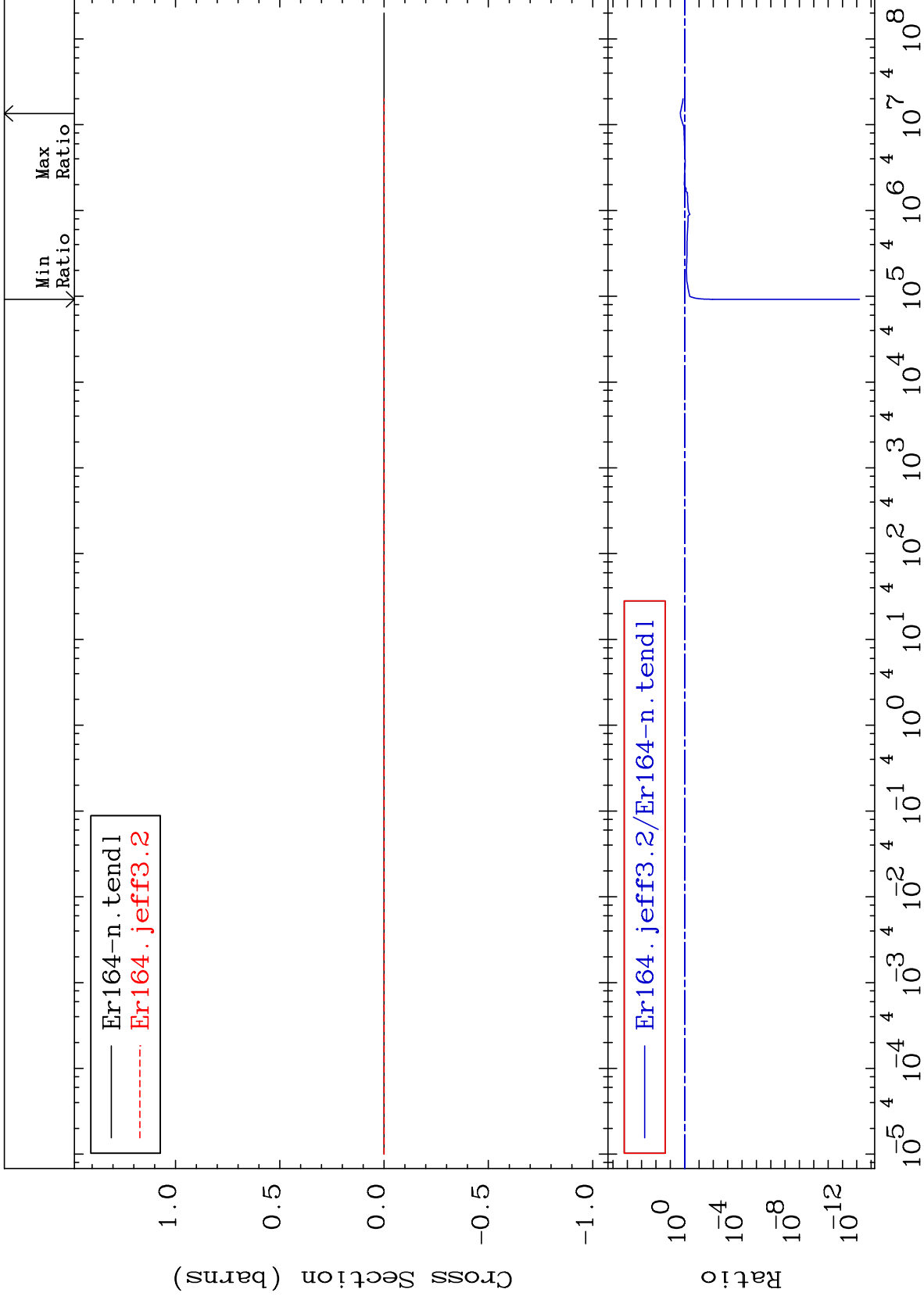
68-Er-164
-100.0 To 99.46 %



37

Incident Energy (eV)

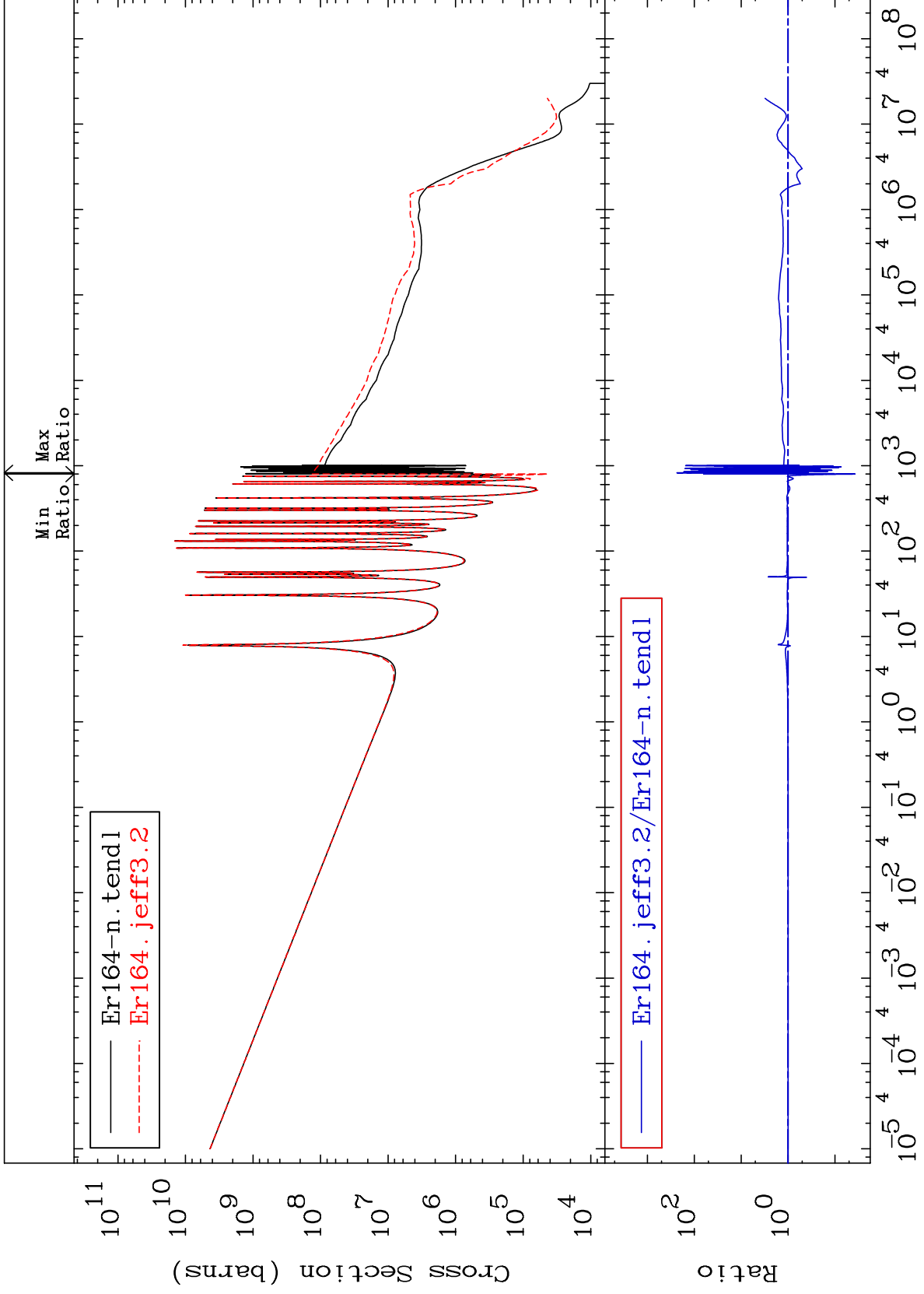
68-Er-164



MAT 6831

Kerma capture (mt102)
Cross Section

68-Er-164
-96.30 To 9999. %



39

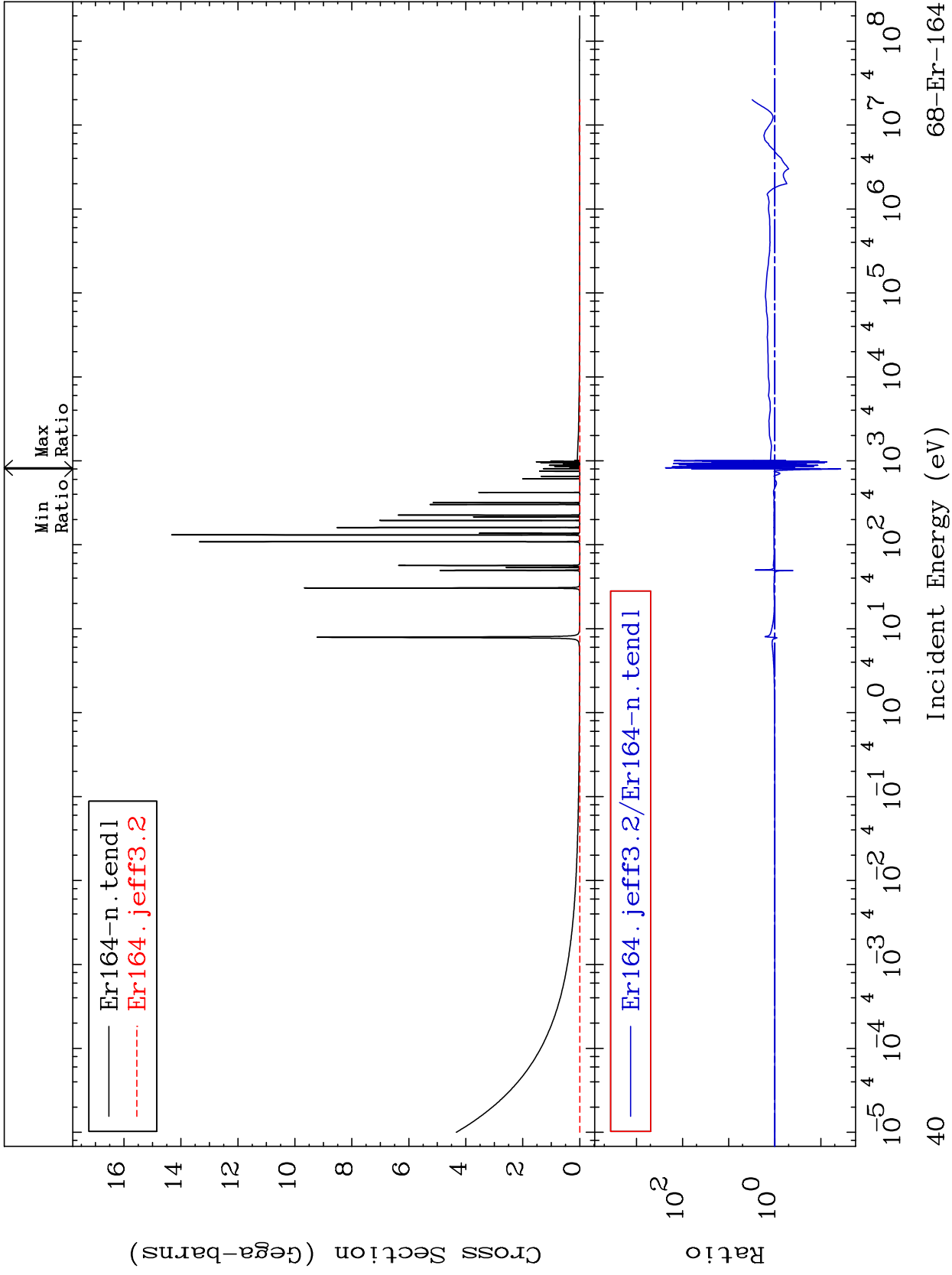
Incident Energy (eV)

68-Er-164

MAT 6831

Total photon (eV-barns)
Cross Section

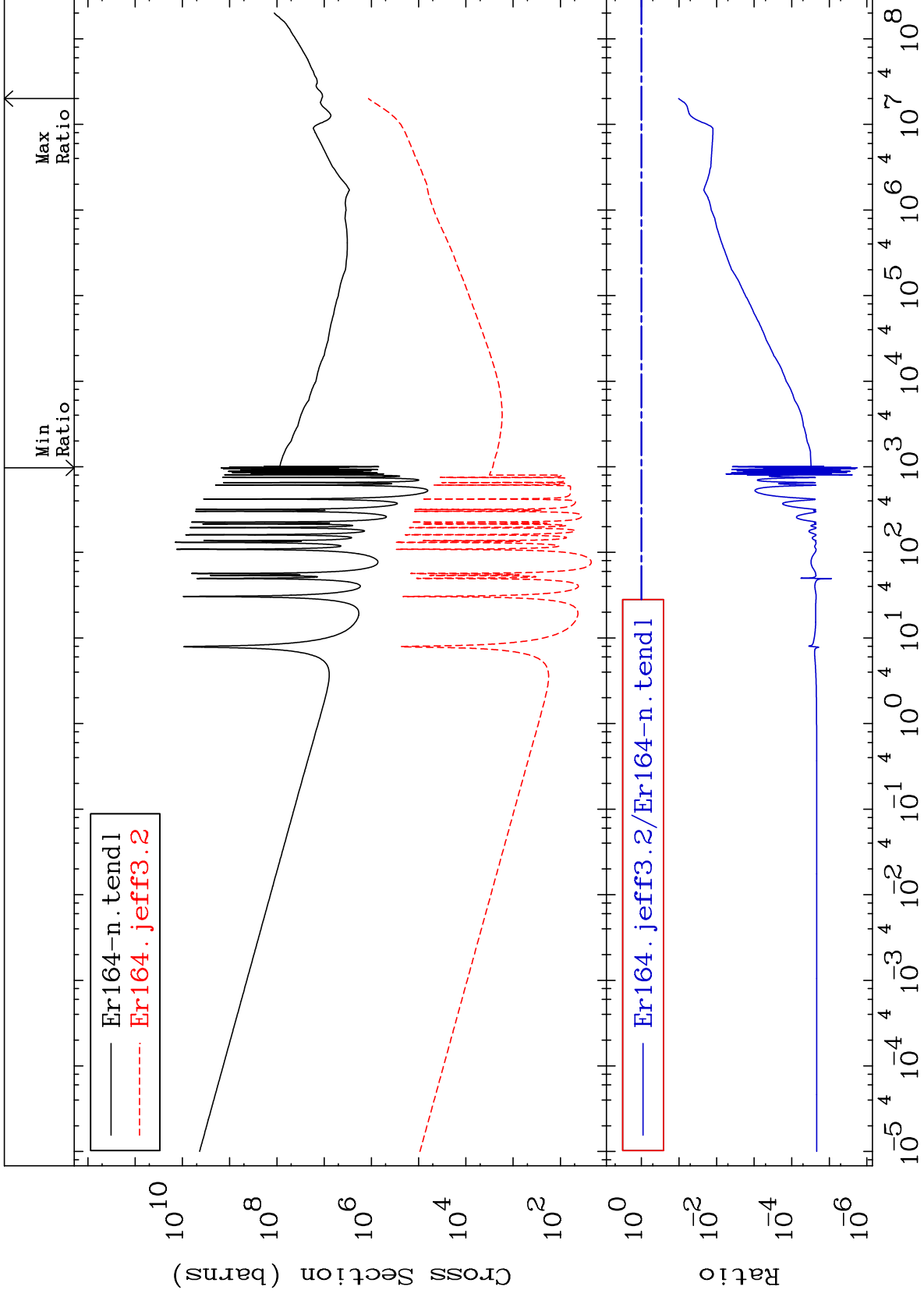
68-Er-164
-96.30 To 9999. %



40

Incident Energy (eV)

68-Er-164



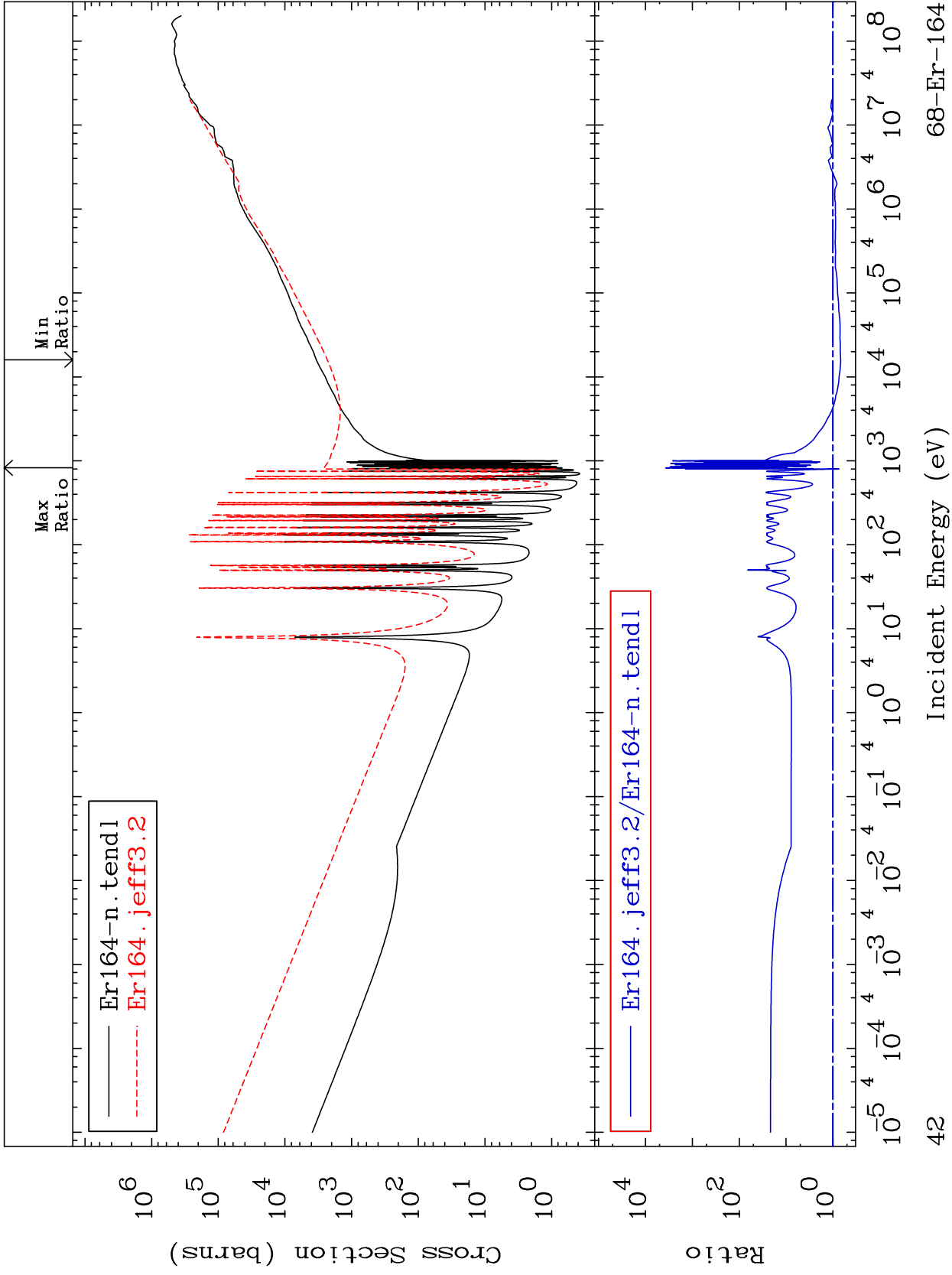
MAT 6831

Dpa total (eV-barns)

68-Er-164

-31.53 To 9999. %

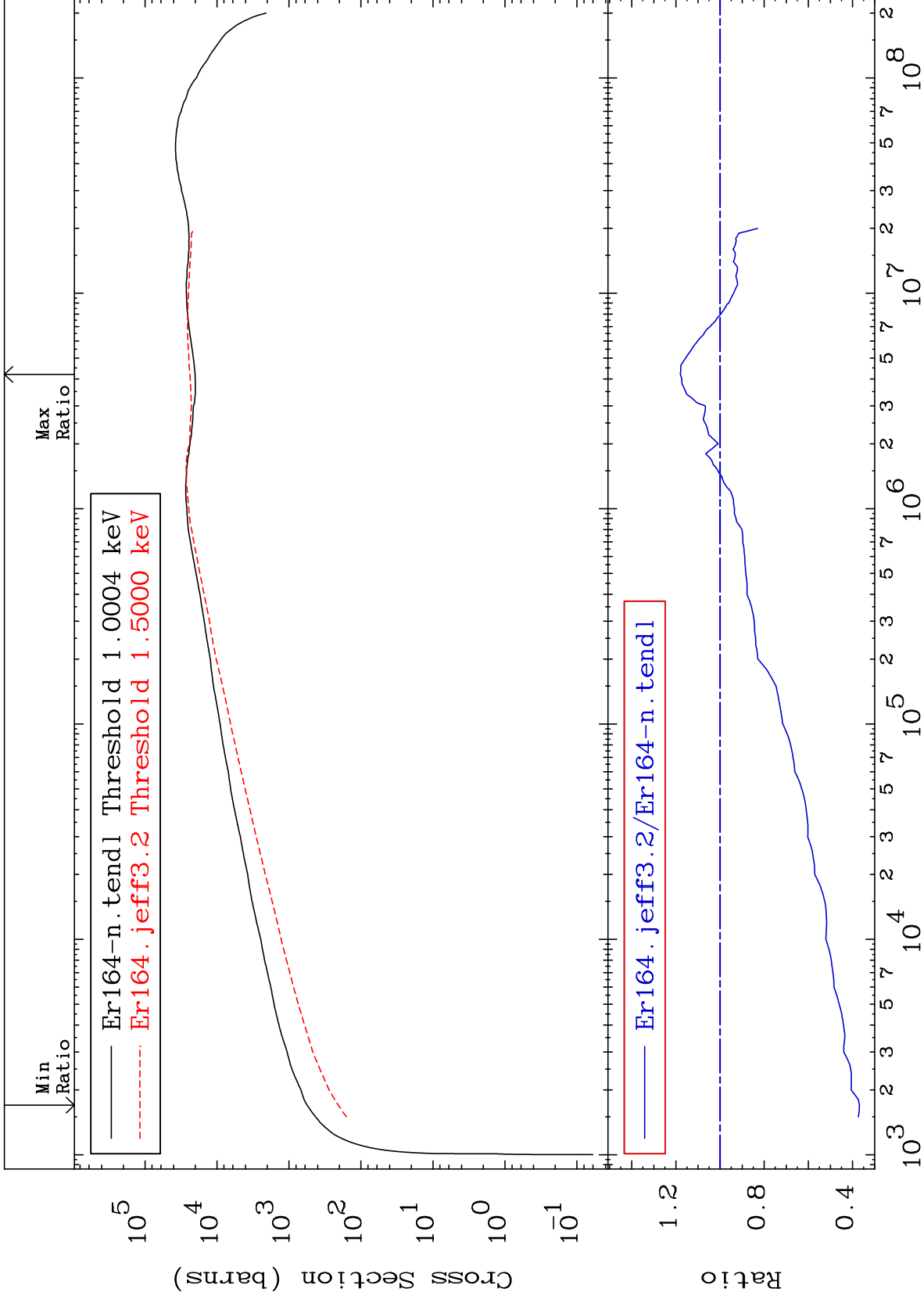
Cross Section



MAT 6831

Dpa elastic (mt2)
Cross Section

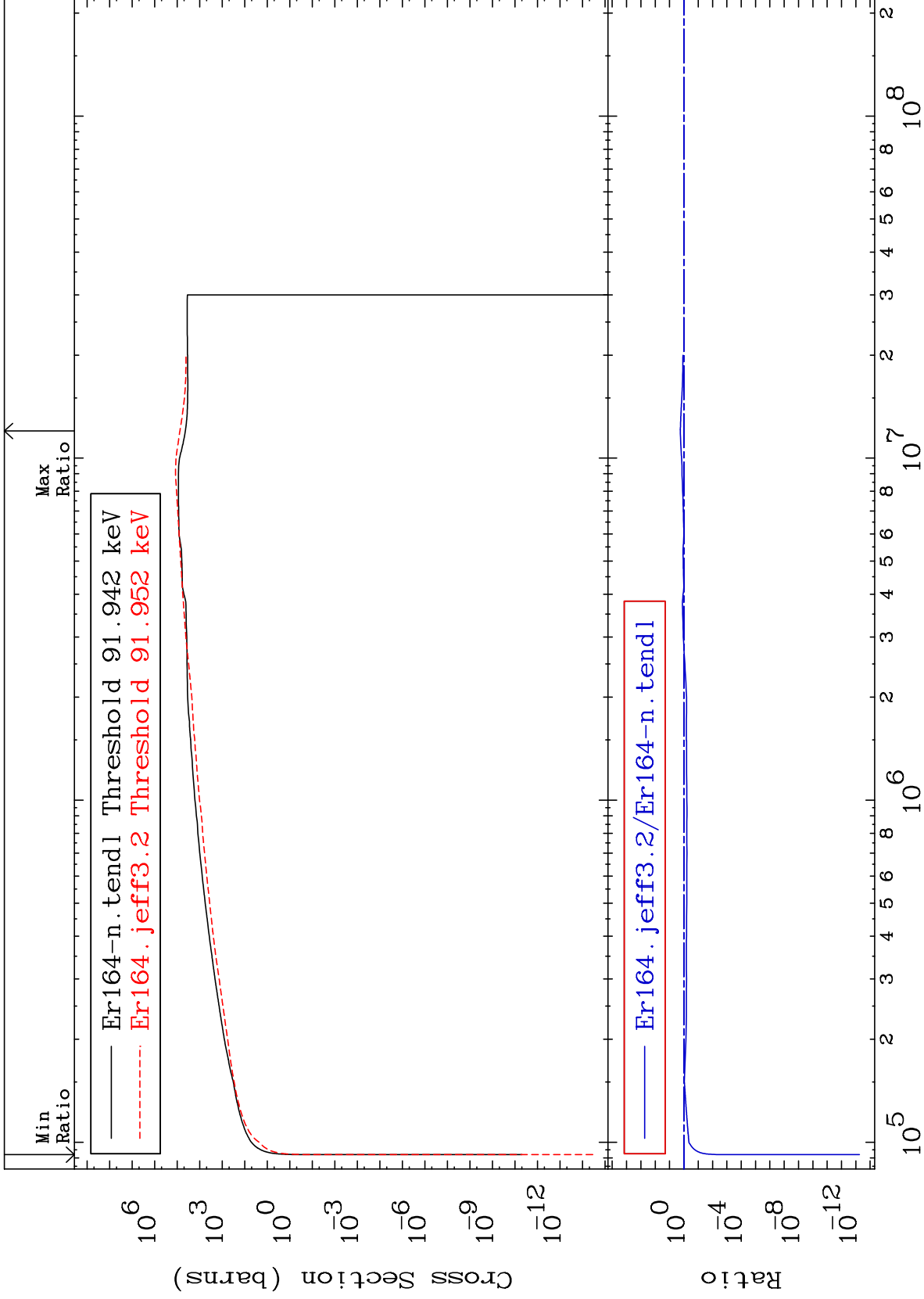
68-Er-164
-63.12 To 17.99 %



Incident Energy (eV)

68-Er-164

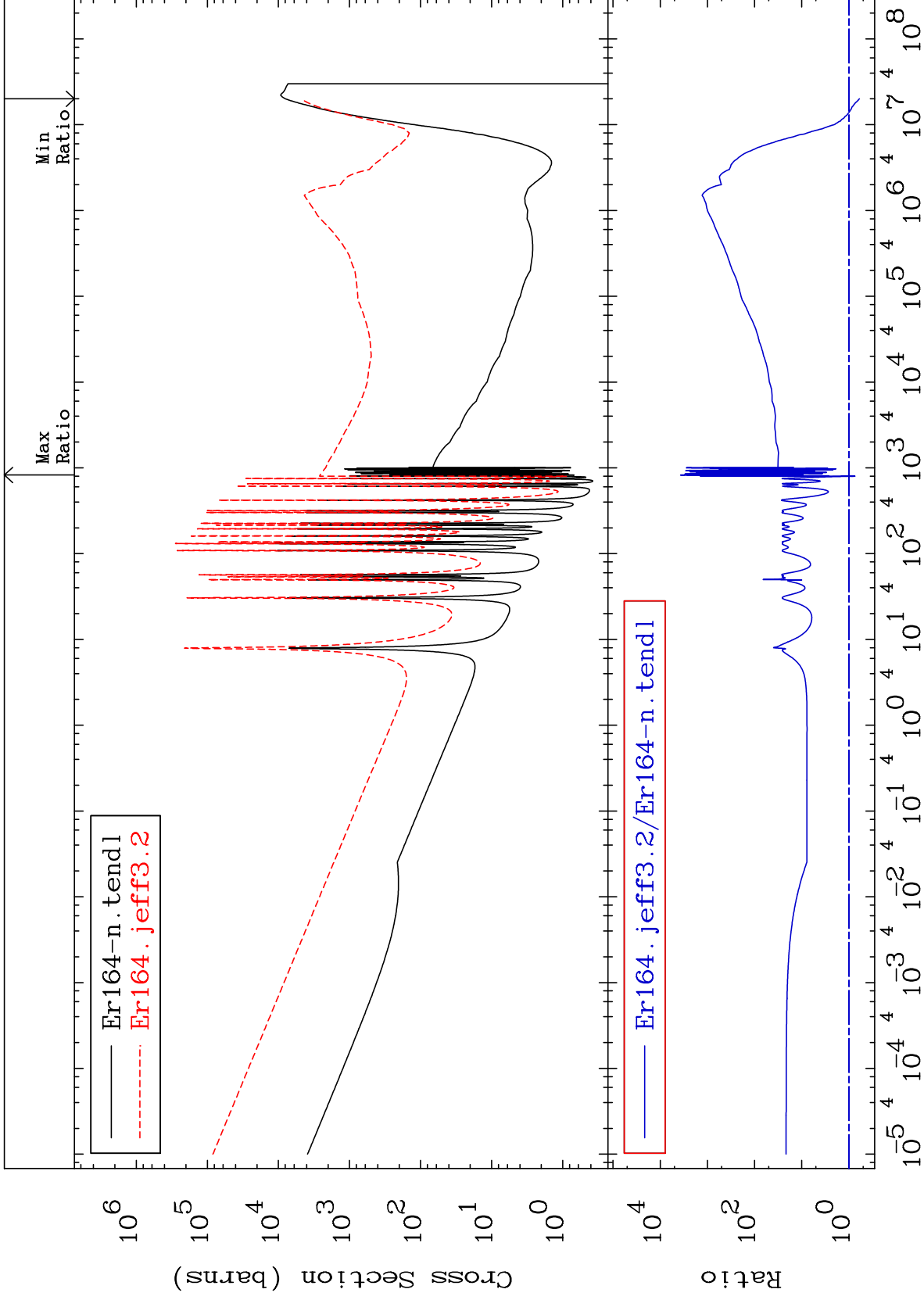
43



MAT 6831

Dpa disappearance (mt102 -120)
Cross Section

68-Er-164
-40.13 To 9999. %



45

Incident Energy (eV)

68-Er-164