

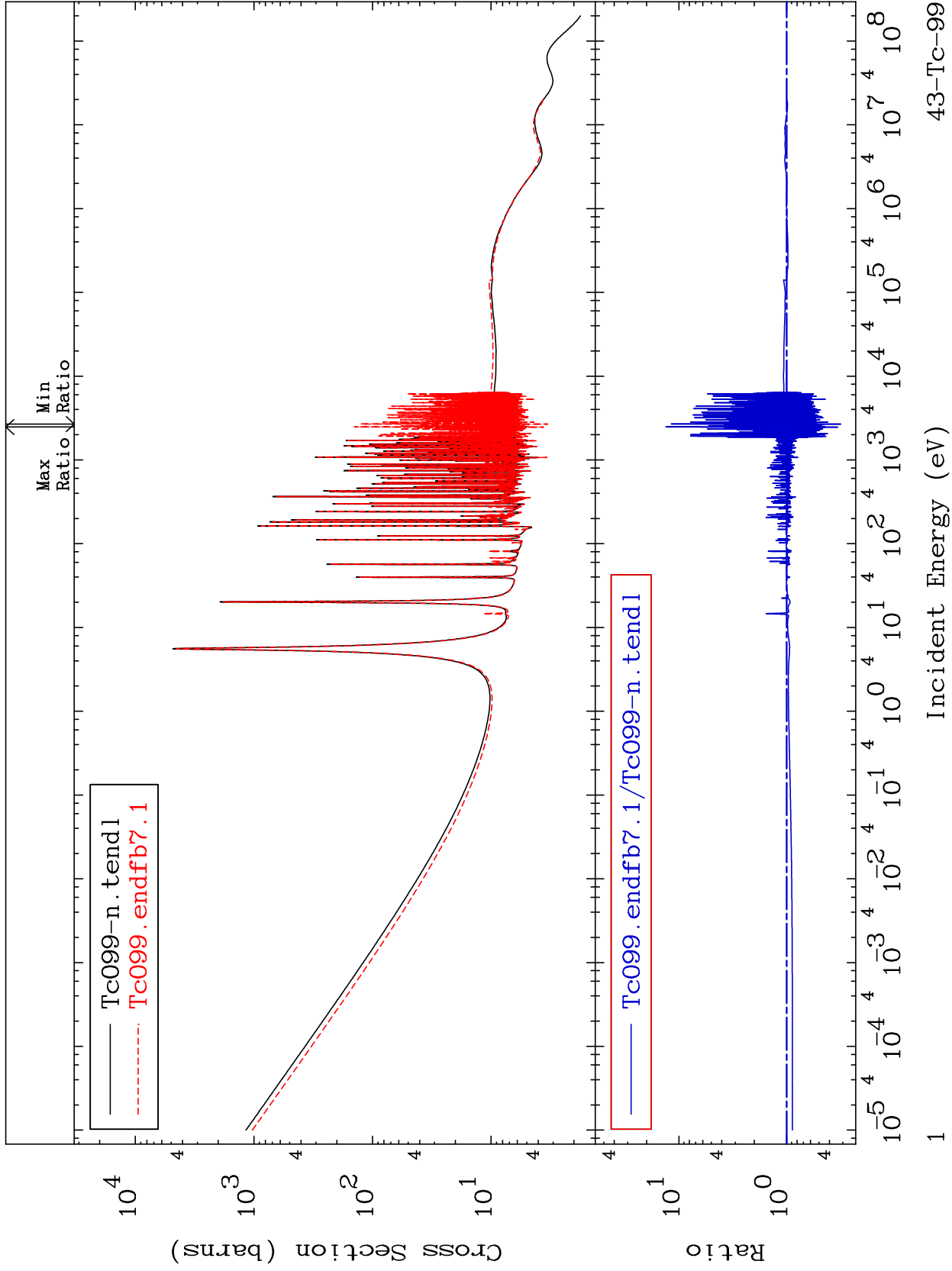
MAT 4325

Total

43-Tc-99

Cross Section

-68.65 To 1221. %



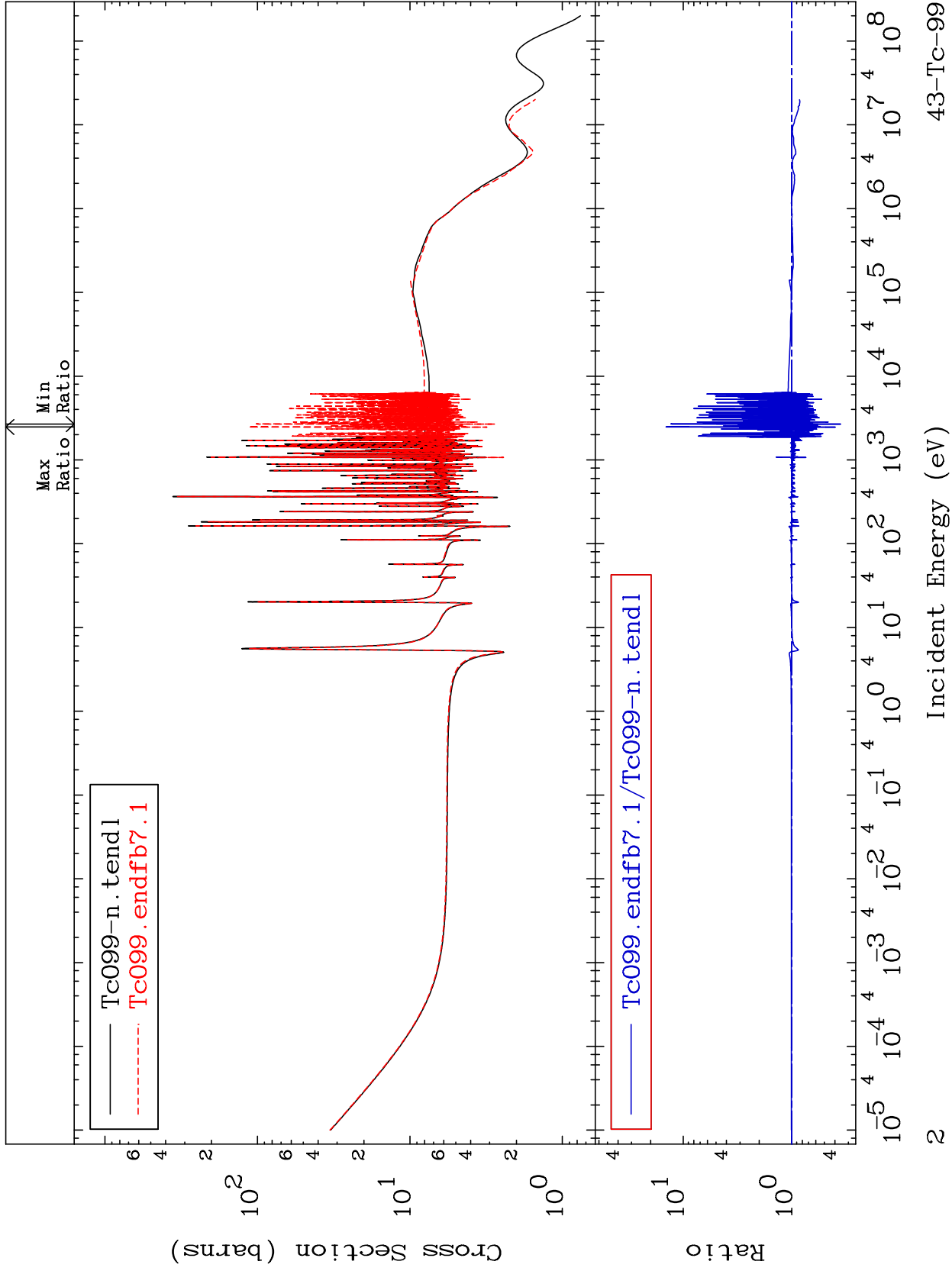
Incident Energy (eV)

43-Tc-99

MAT 4325

Elastic
Cross Section

43-Tc-99
-64.74 To 1346. %



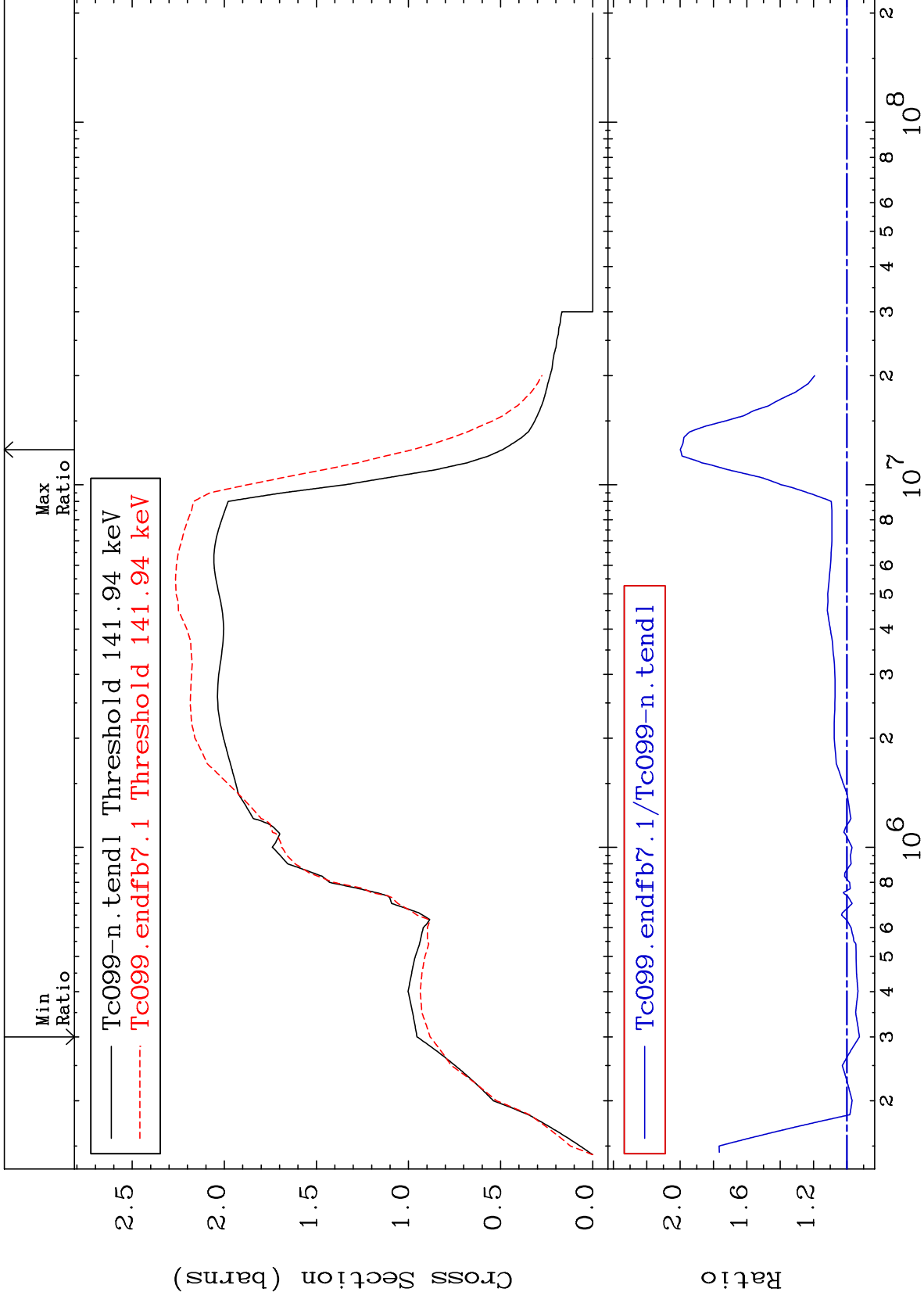
43-Tc-99

2

MAT 4325

Inelastic
Cross Section

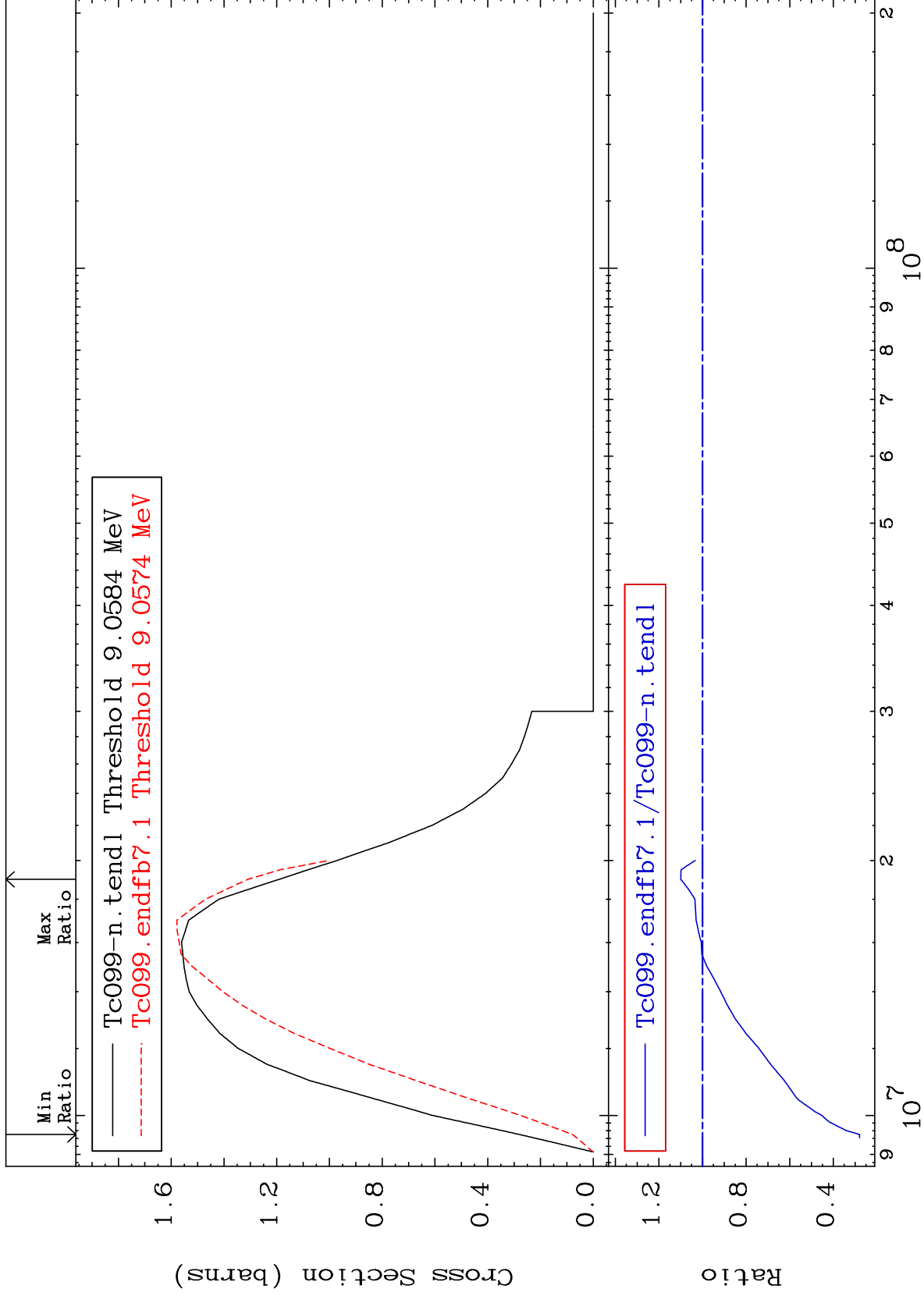
43-Tc-99
-7.456 To 99.88 %



MAT 4325

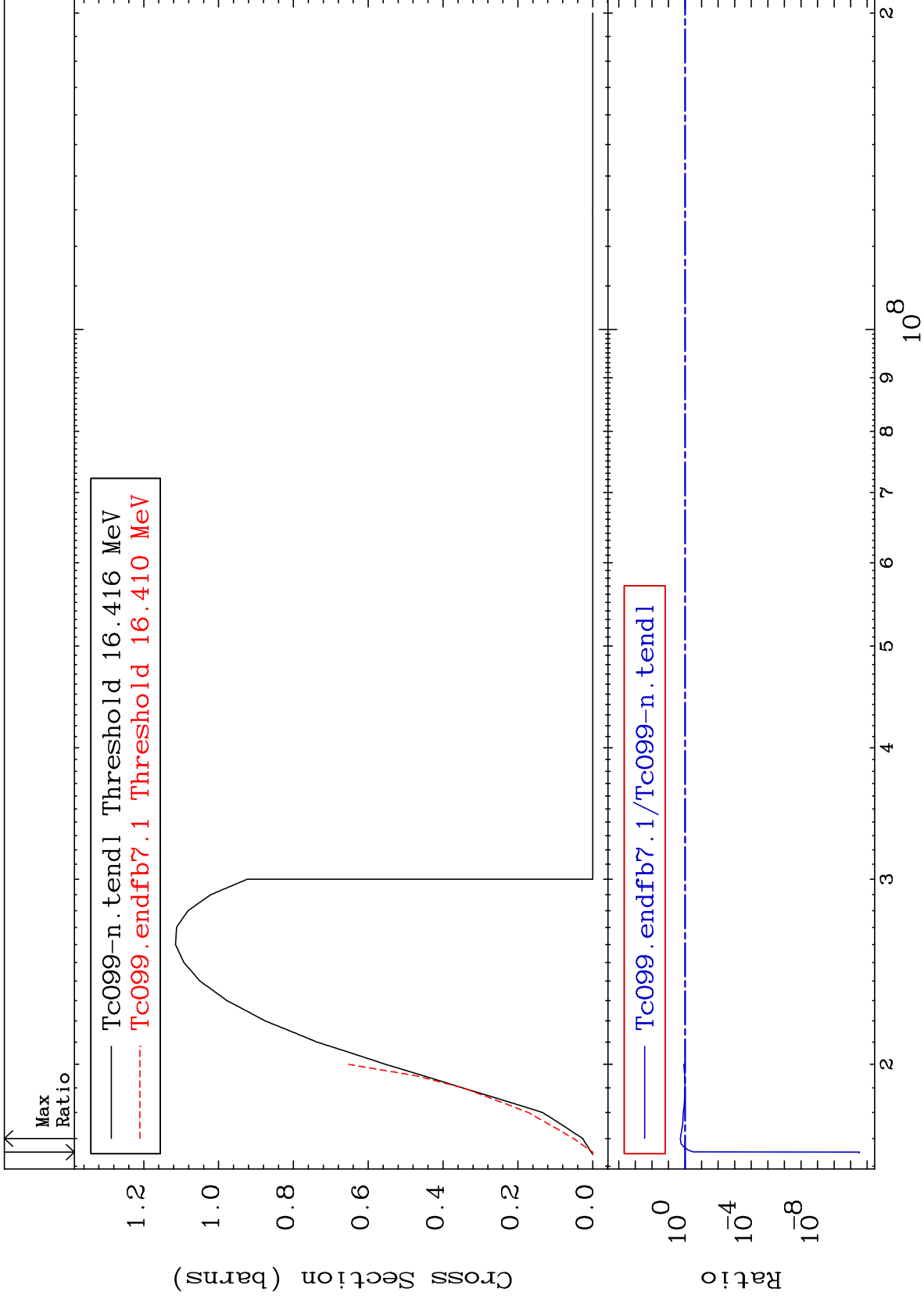
(n,2n)
Cross Section

43-Tc-99
-72.04 To 9.988 %



Incident Energy (eV)

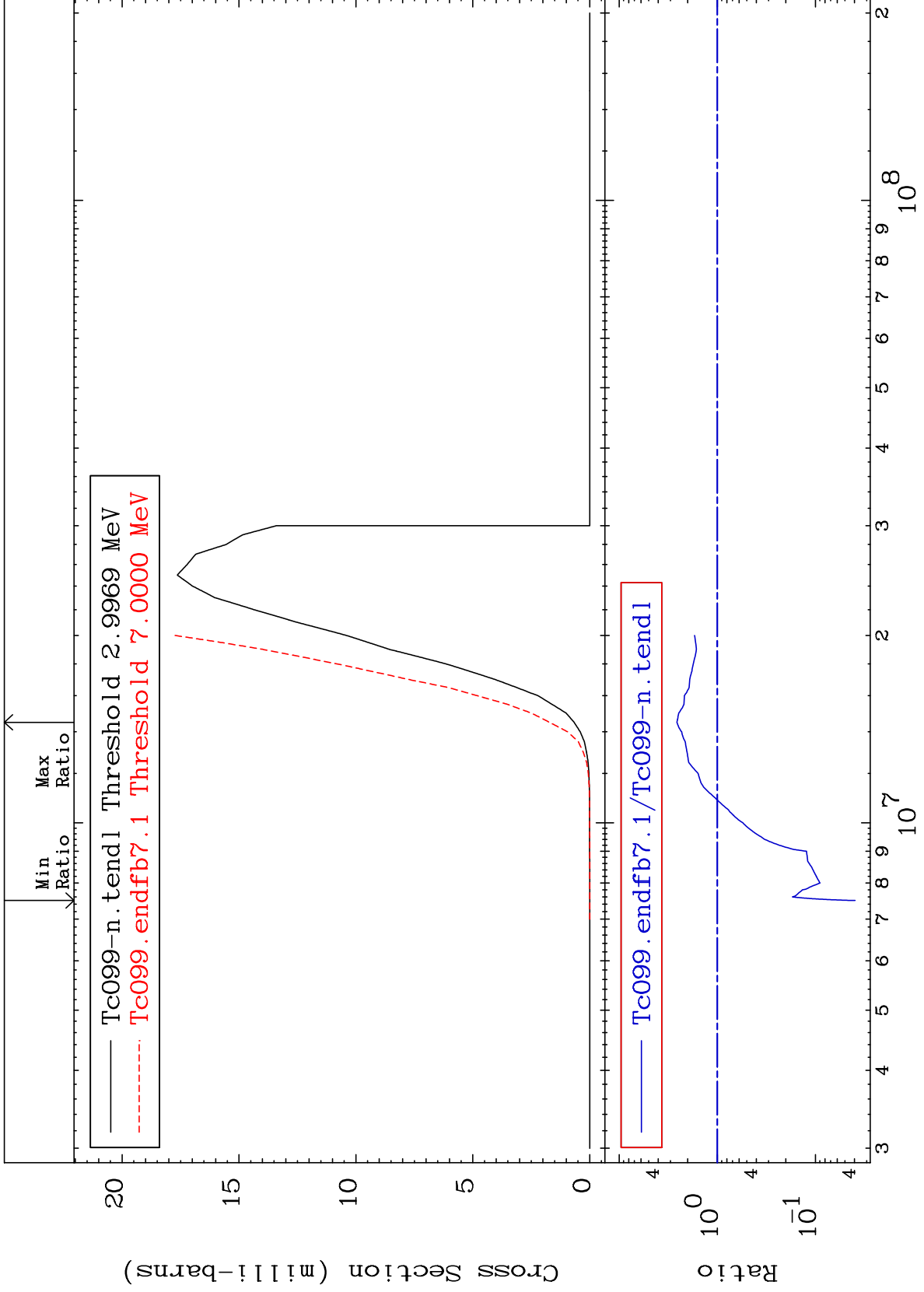
43-Tc-99



MAT 4325

(n, n') α
Cross Section

43-Tc-99
-96.06 To 157.8 %



6

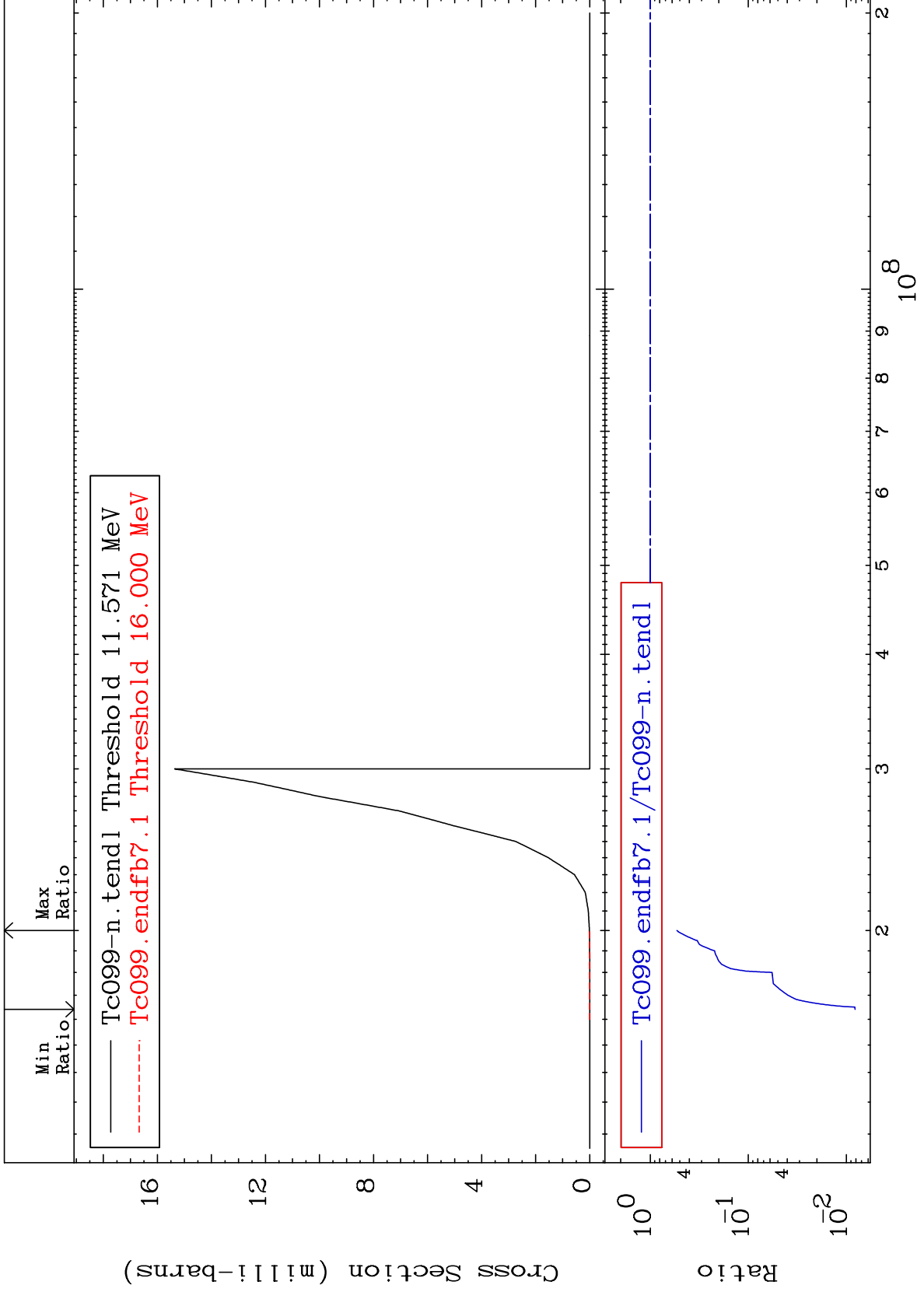
Incident Energy (eV)

43-Tc-99

MAT 4325

(n,2n) α
Cross Section

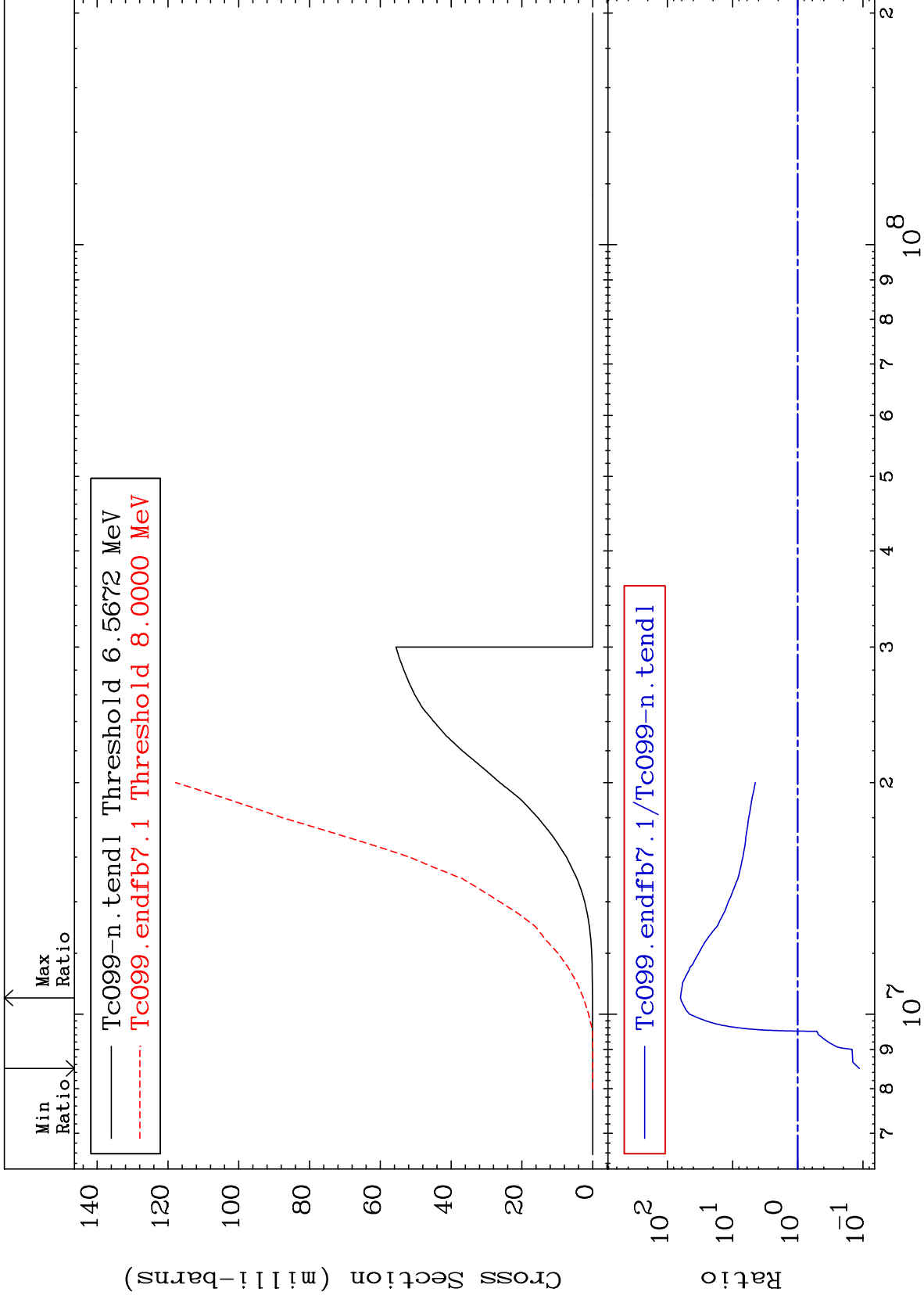
43-Tc-99
-99.19 To -46.55%



MAT 4325

(n,n') p
Cross Section

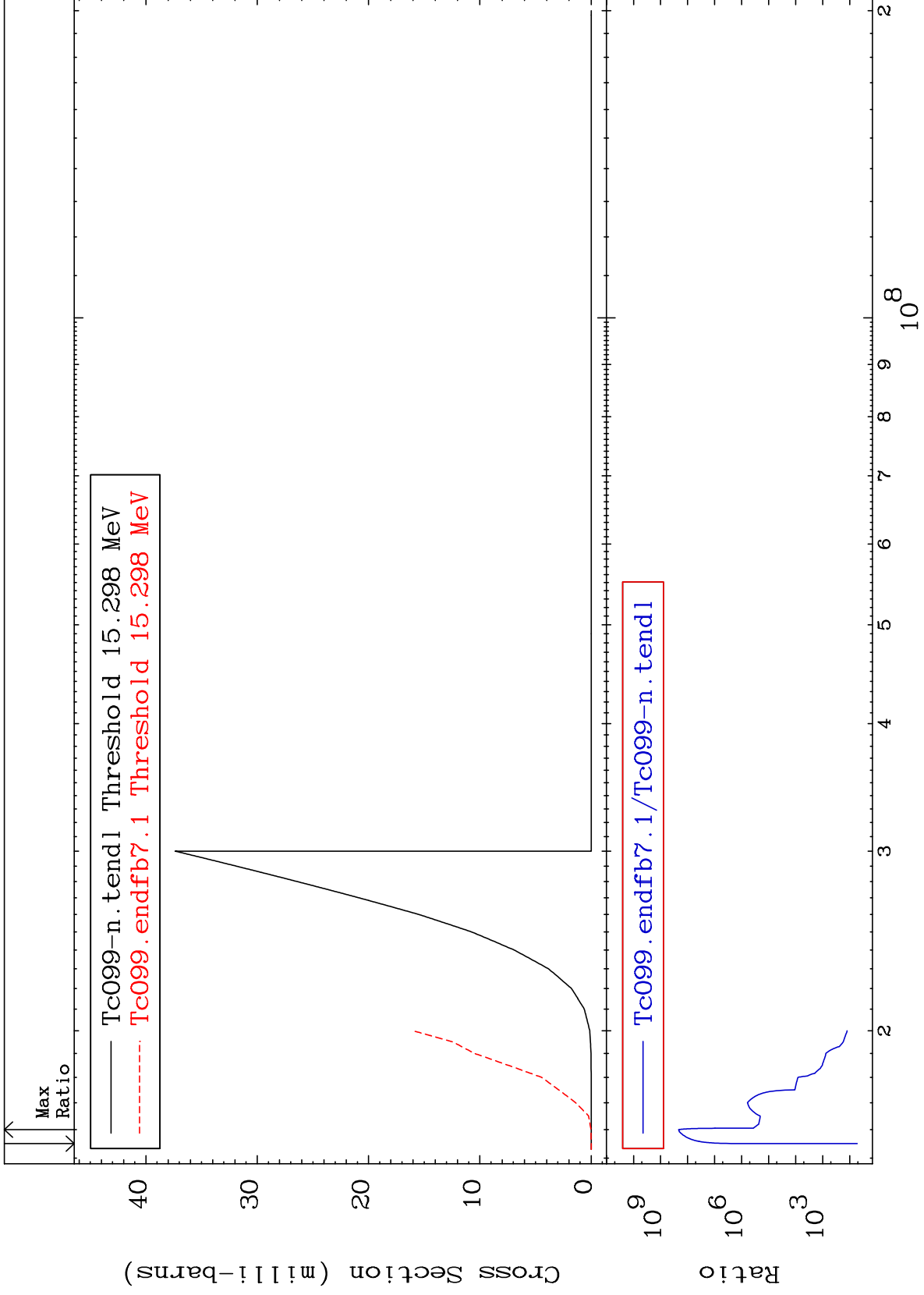
43-Tc-99
-88.68 To 6224. %



MAT 4325

(n,2n) p
Cross Section

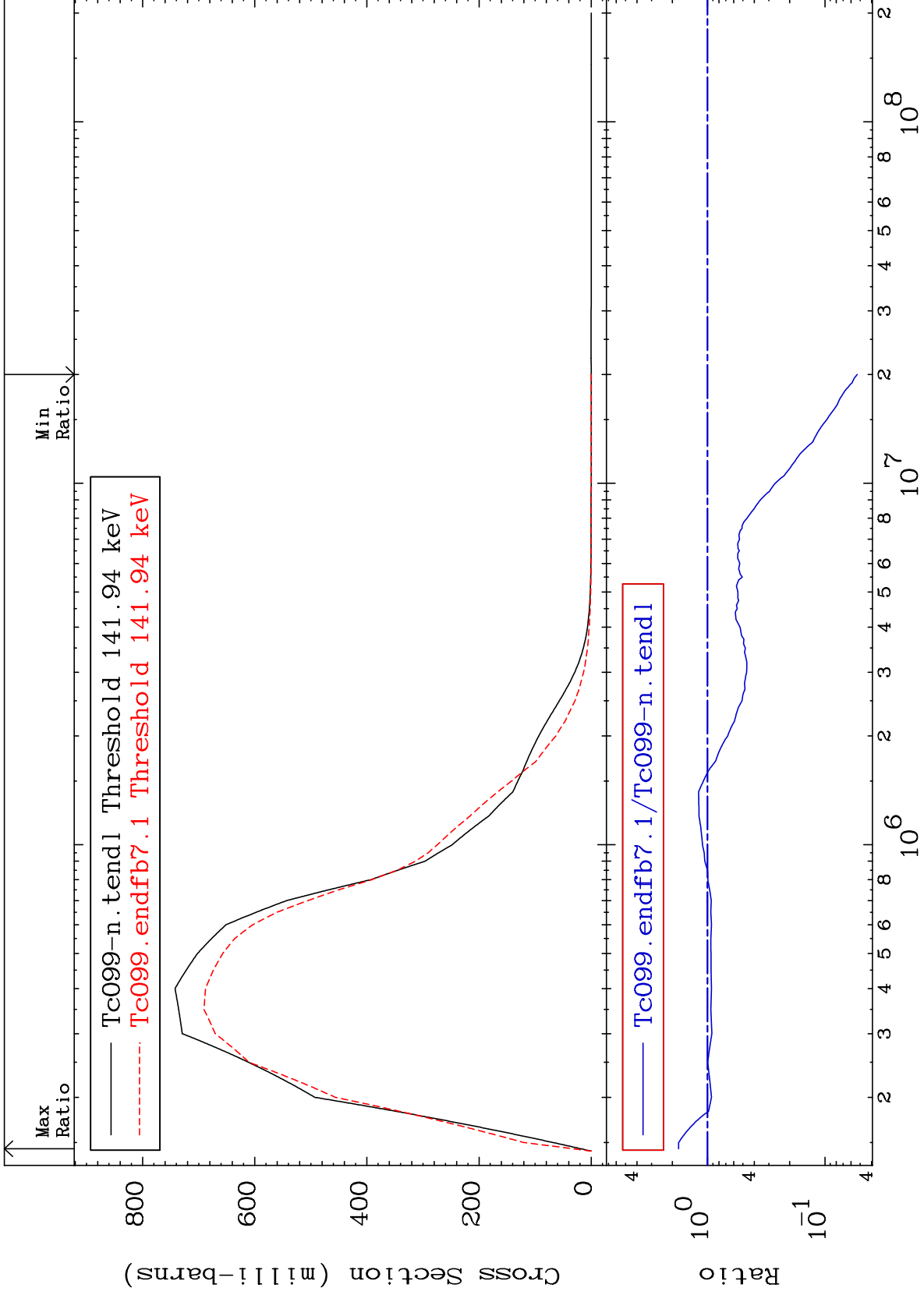
43-Tc-99
5158. To 9999. %



MAT 4325

140.5 keV (n,n') Level
Cross Section

43-Tc-99
-94.70 To 76.50 %



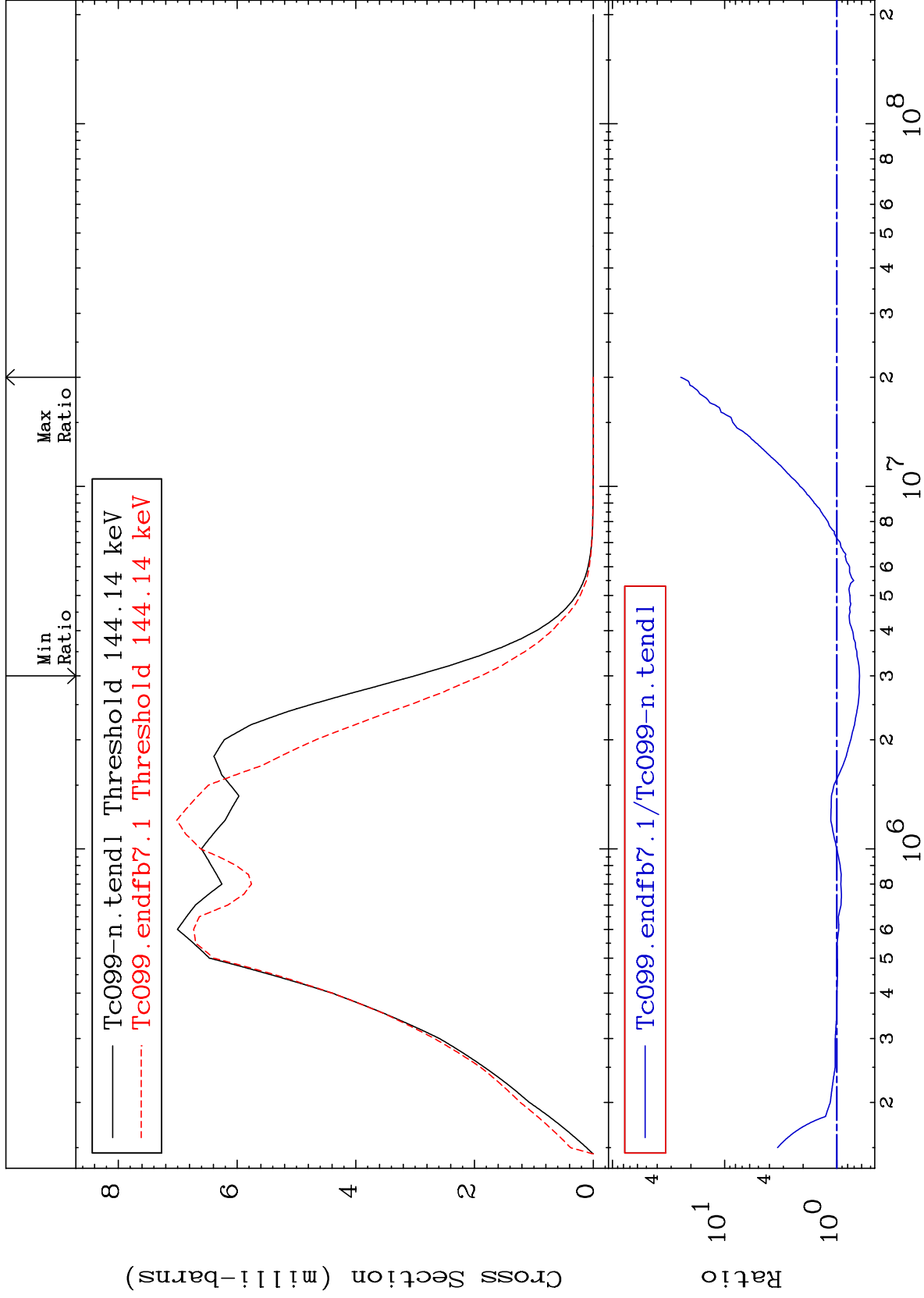
MAT 4325

142.7 keV (n,n') Level

43-Tc-99

-37.26 To 2364. %

Cross Section



11

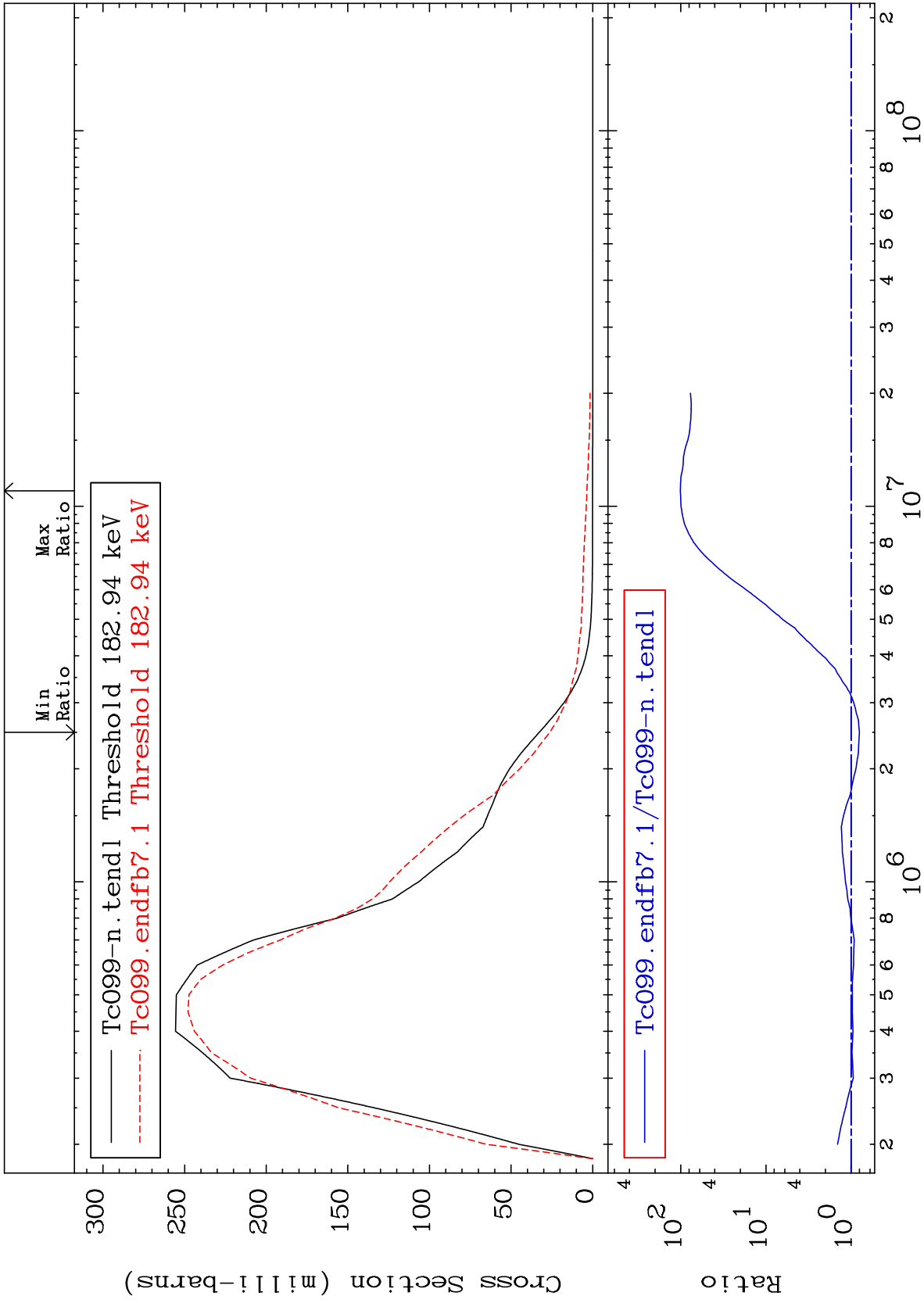
Incident Energy (eV)

43-Tc-99

MAT 4325

181.1 keV (n,n') Level
Cross Section

43-Tc-99
-20.03 To 9999. %



12

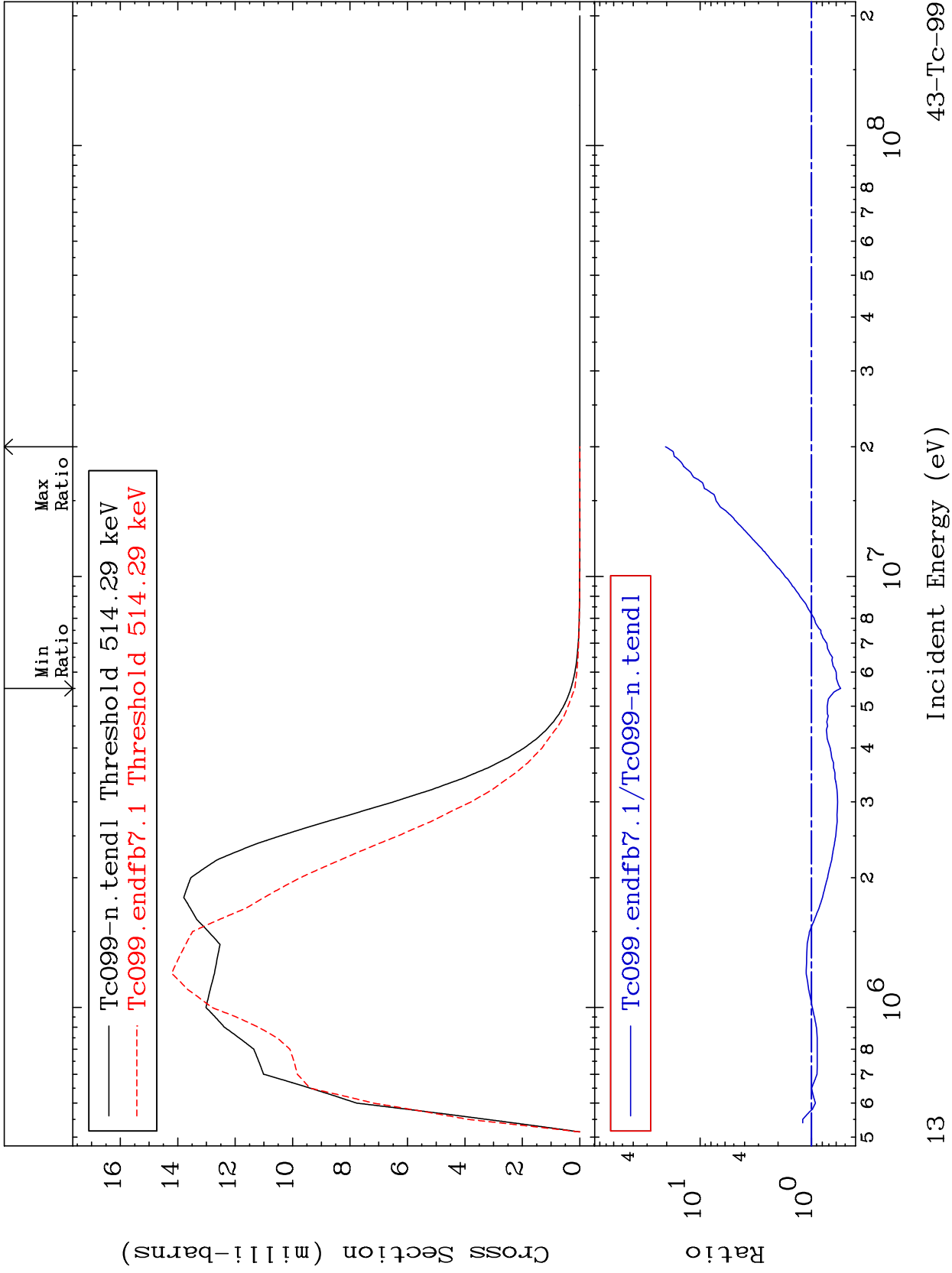
Incident Energy (eV)

43-Tc-99

MAT 4325

509.1 keV (n,n') Level
Cross Section

43-Tc-99
-45.23 To 1951. %



13

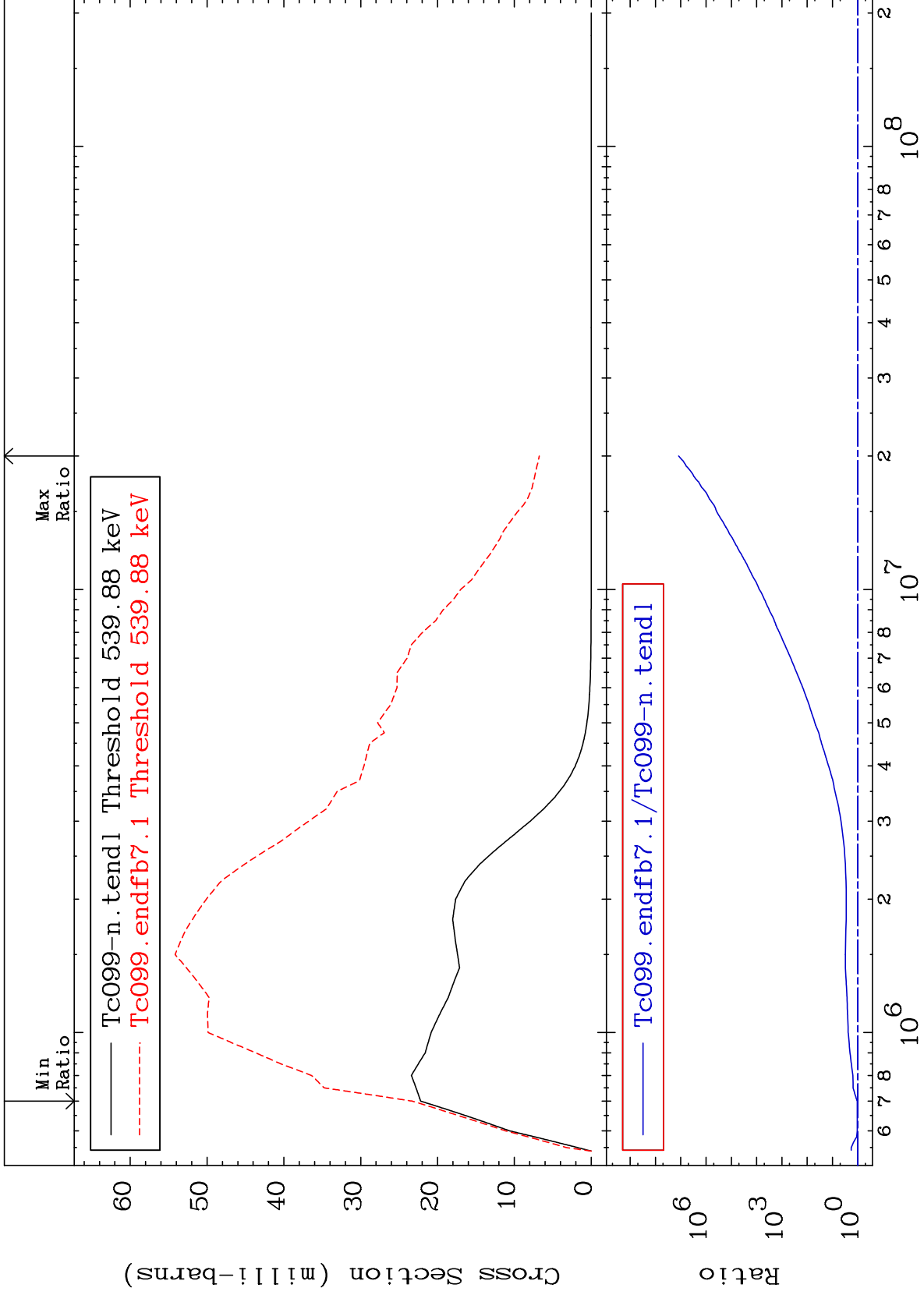
Incident Energy (eV)

43-Tc-99

MAT 4325

534.4 keV (n,n') Level
Cross Section

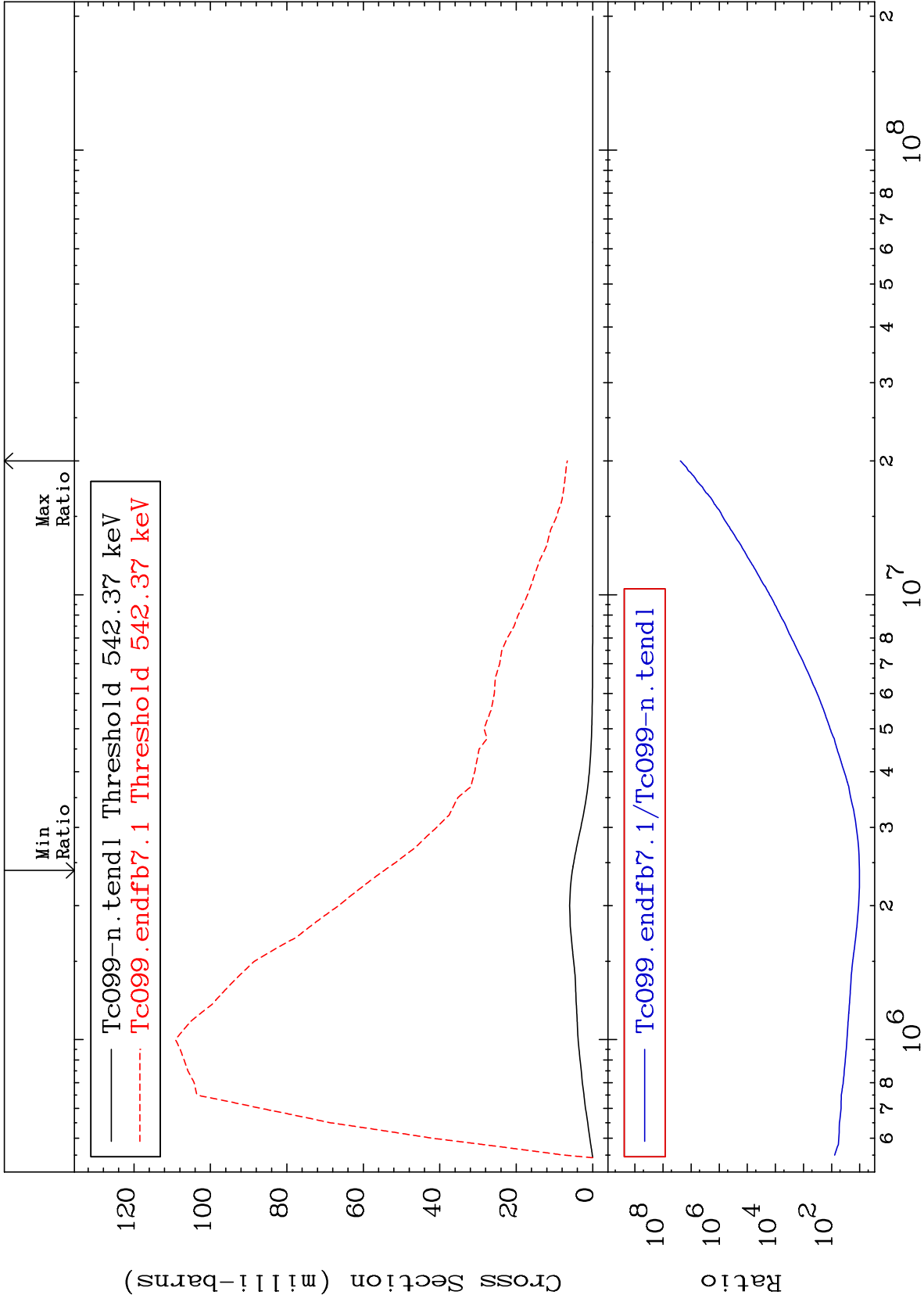
43-Tc-99
4.859 To 9999. %



MAT 4325

536.9 keV (n,n') Level
Cross Section

43-Tc-99
925.4 To 9999. %



15

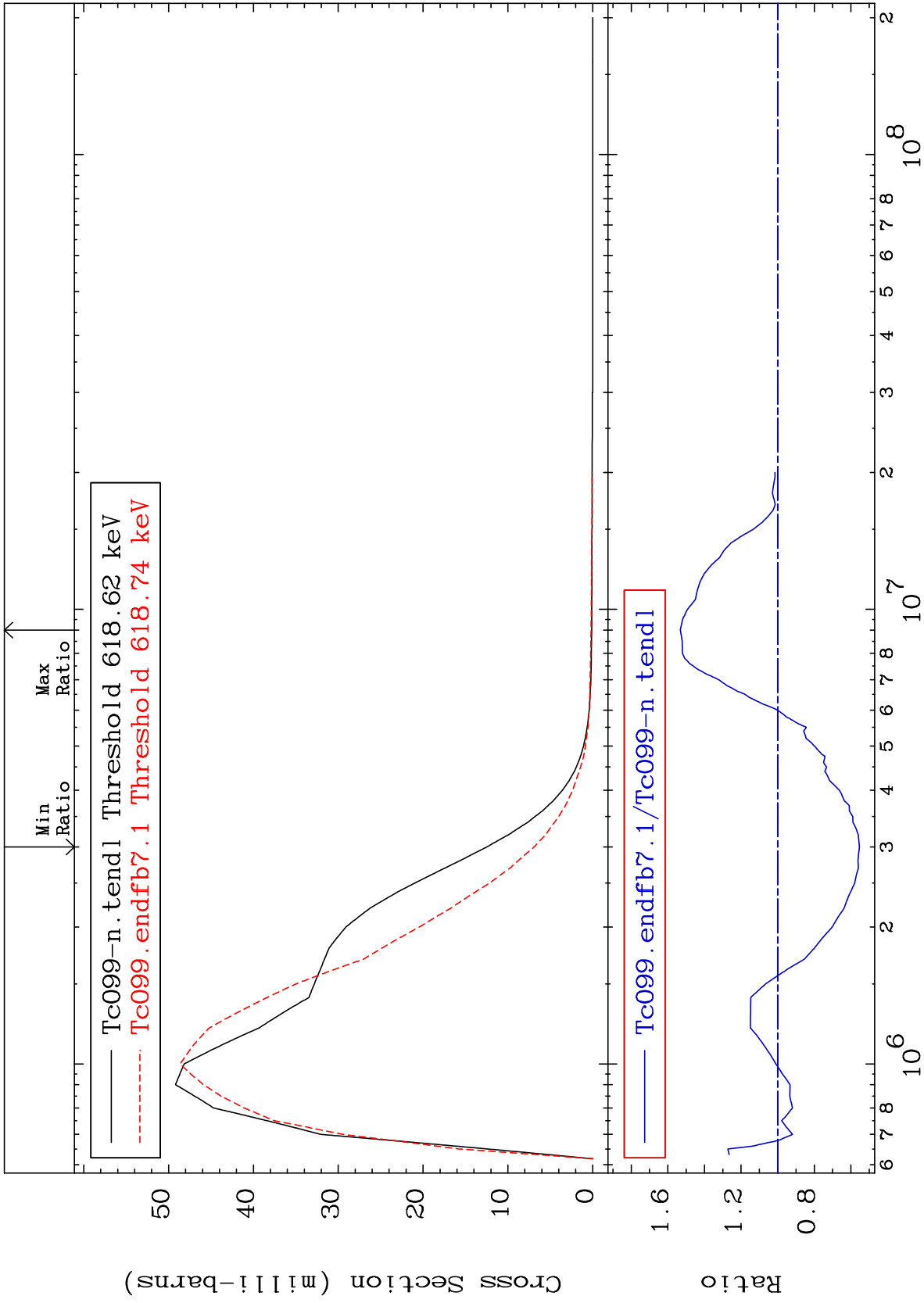
Incident Energy (eV)

43-Tc-99

MAT 4325

612.4 keV (n,n') Level
Cross Section

43-Tc-99
-44.65 To 53.17 %



16

Incident Energy (eV)

43-Tc-99

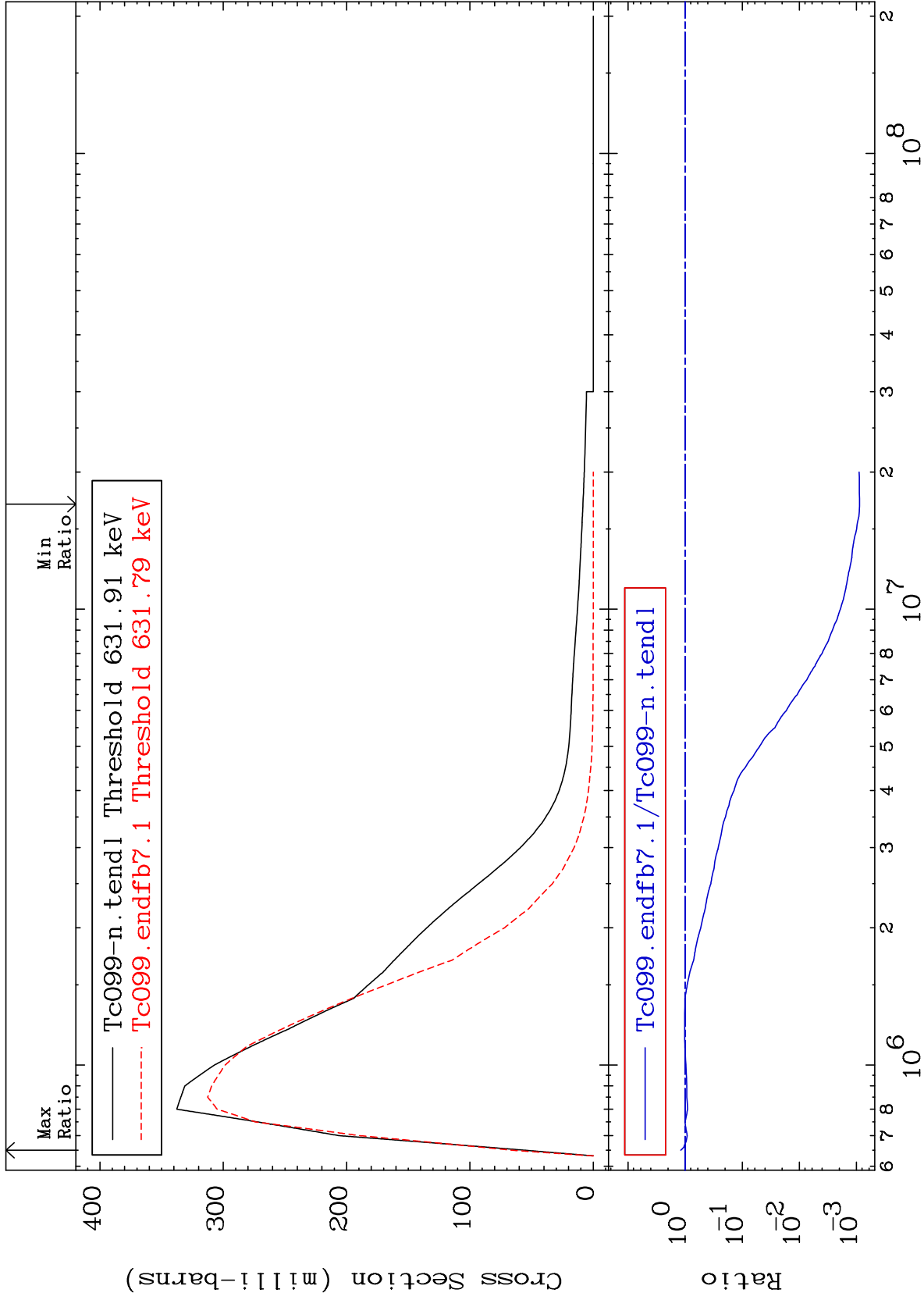
MAT 4325

625.5 keV (n,n') Level

43-Tc-99

-99.91 To 19.20 %

Cross Section



17

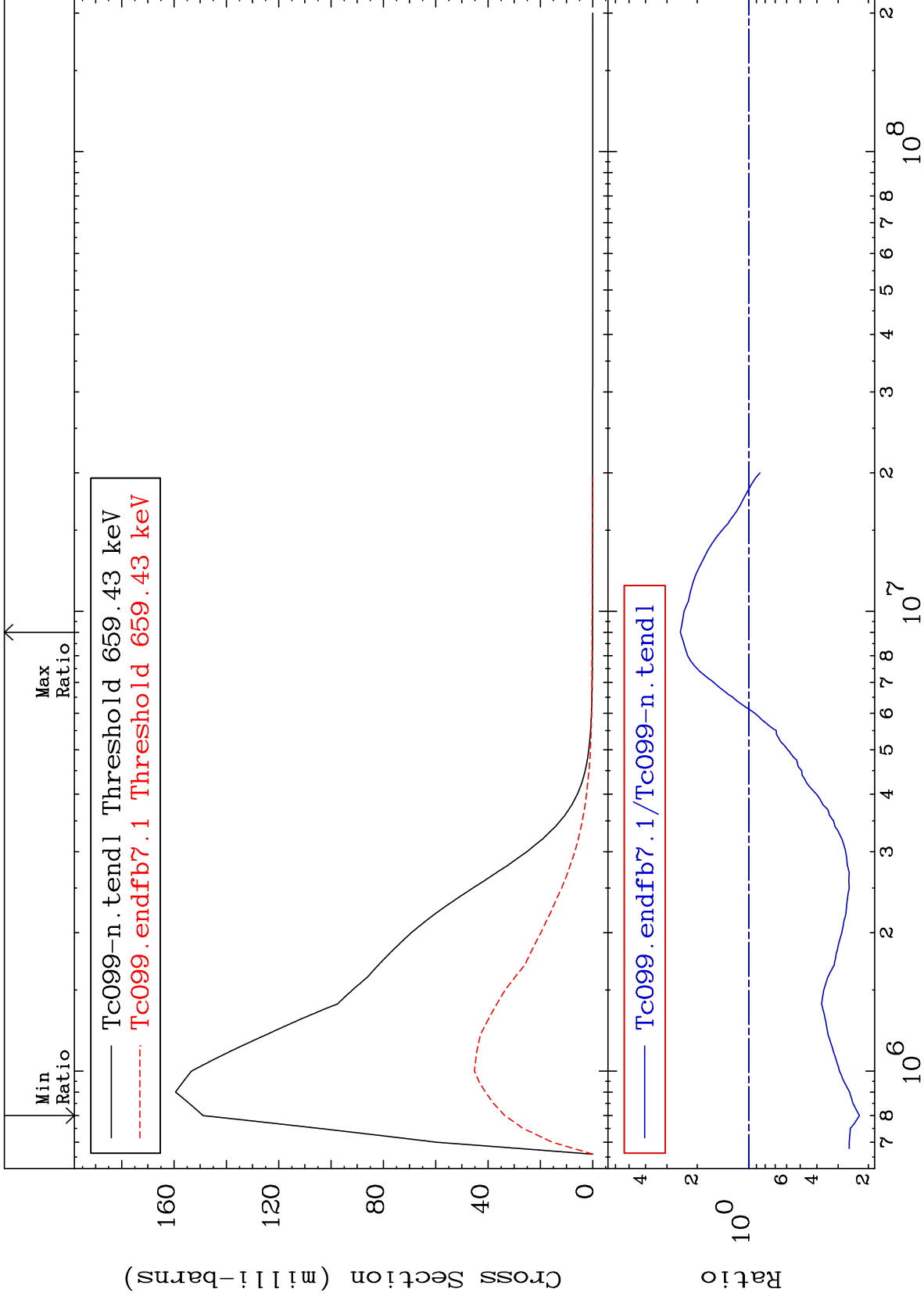
Incident Energy (eV)

43-Tc-99

MAT 4325

652.8 keV (n,n') Level
Cross Section

43-Tc-99
-77.46 To 150.6 %



18

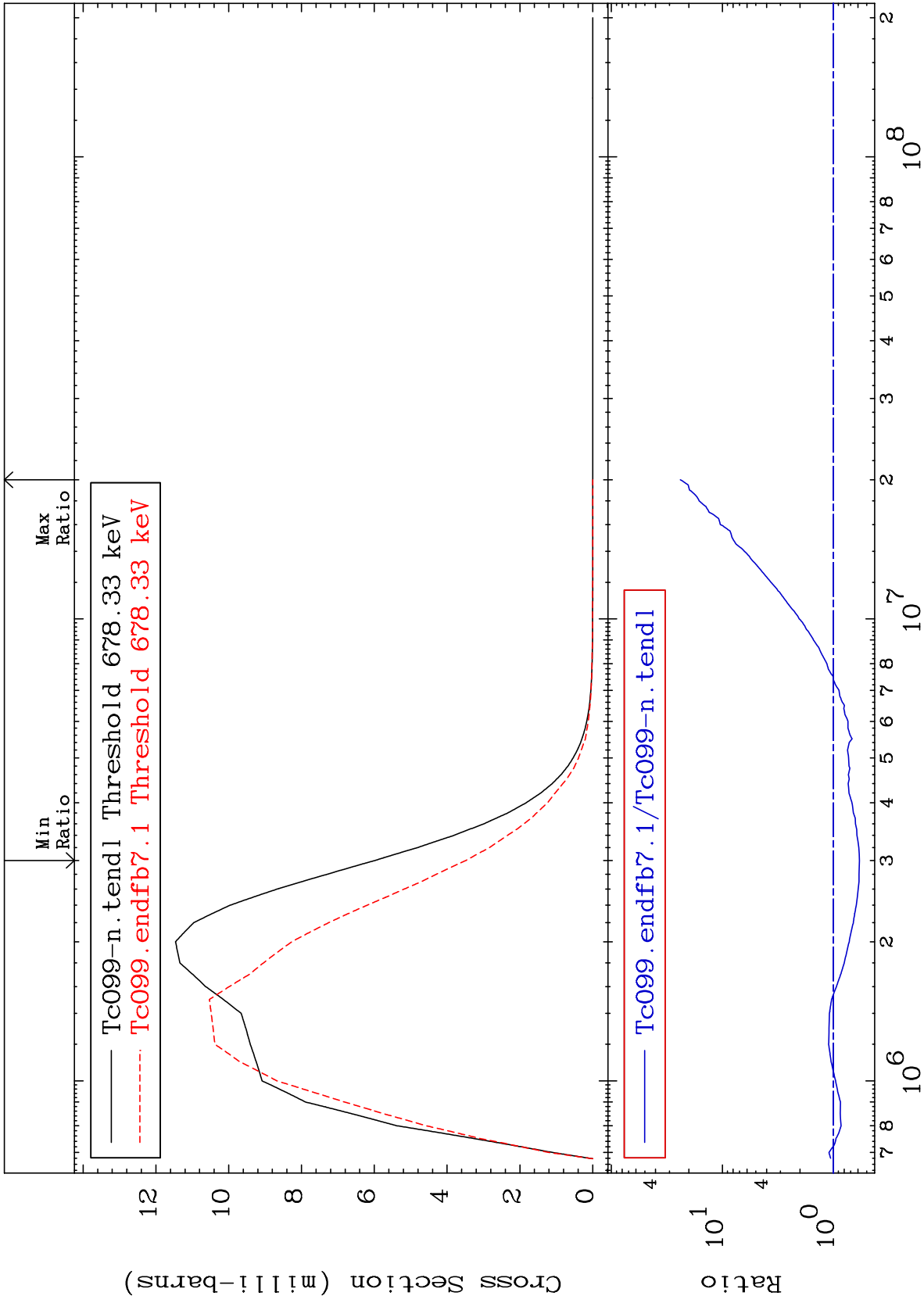
Incident Energy (eV)

43-Tc-99

MAT 4325

671.5 keV (n,n') Level
Cross Section

43-Tc-99
-41.74 To 2291. %



19

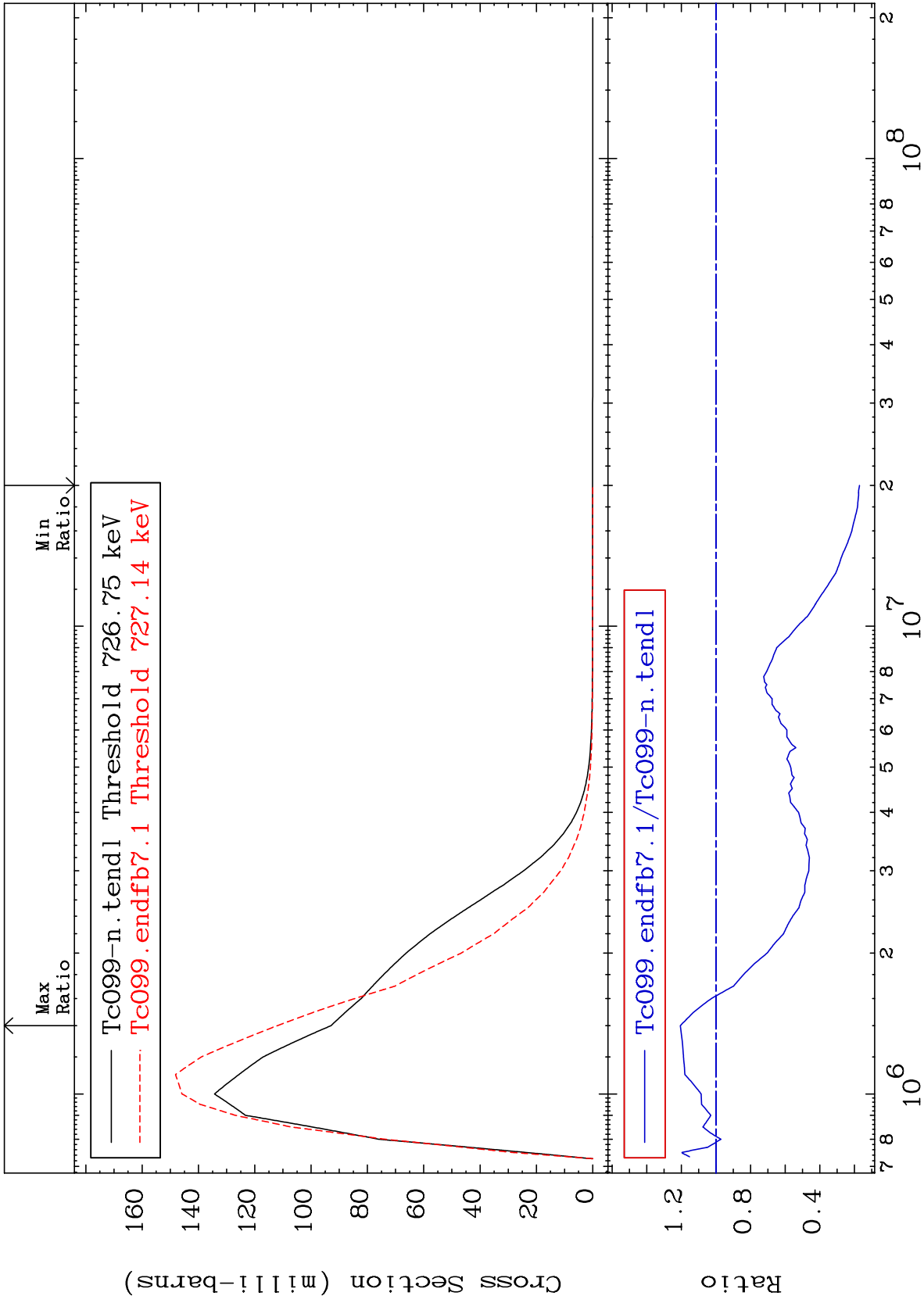
Incident Energy (eV)

43-Tc-99

MAT 4325

719.4 keV (n,n') Level
Cross Section

43-Tc-99
-82.94 To 20.56 %



20

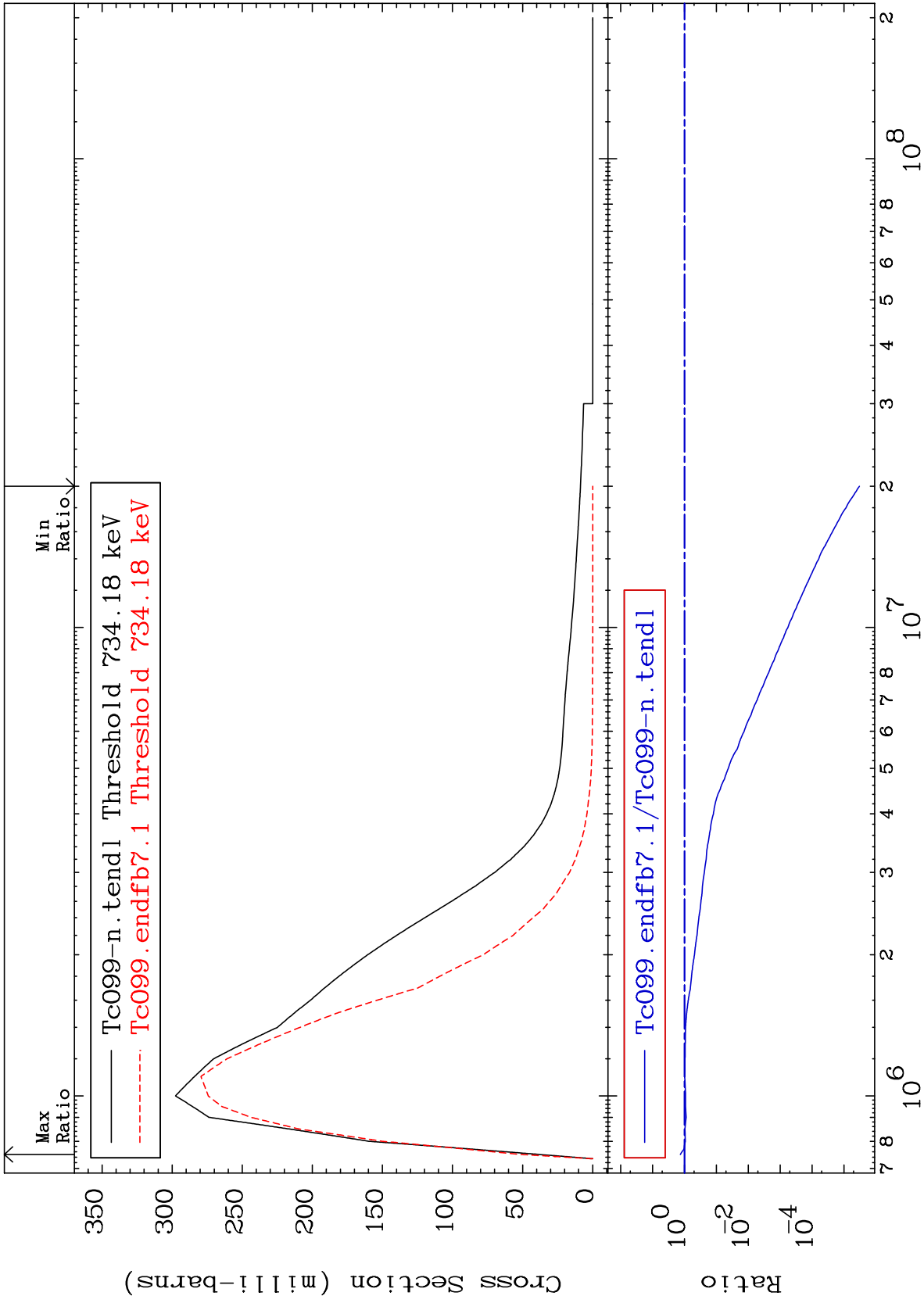
Incident Energy (eV)

43-Tc-99

MAT 4325

726.8 keV (n,n') Level
Cross Section

43-Tc-99
-100.0 To 34.68 %



21

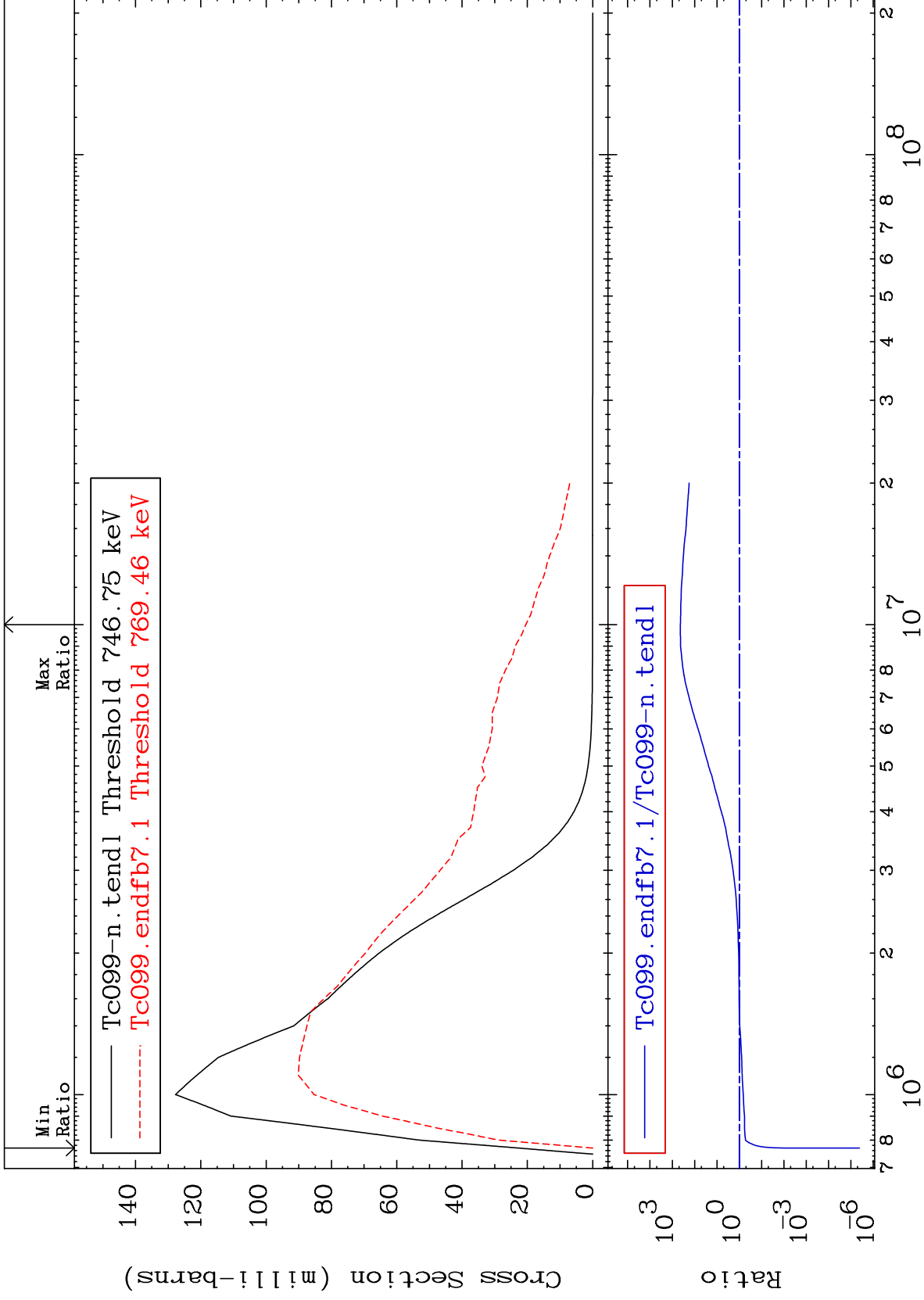
Incident Energy (eV)

43-Tc-99

MAT 4325

739.2 keV (n,n') Level
Cross Section

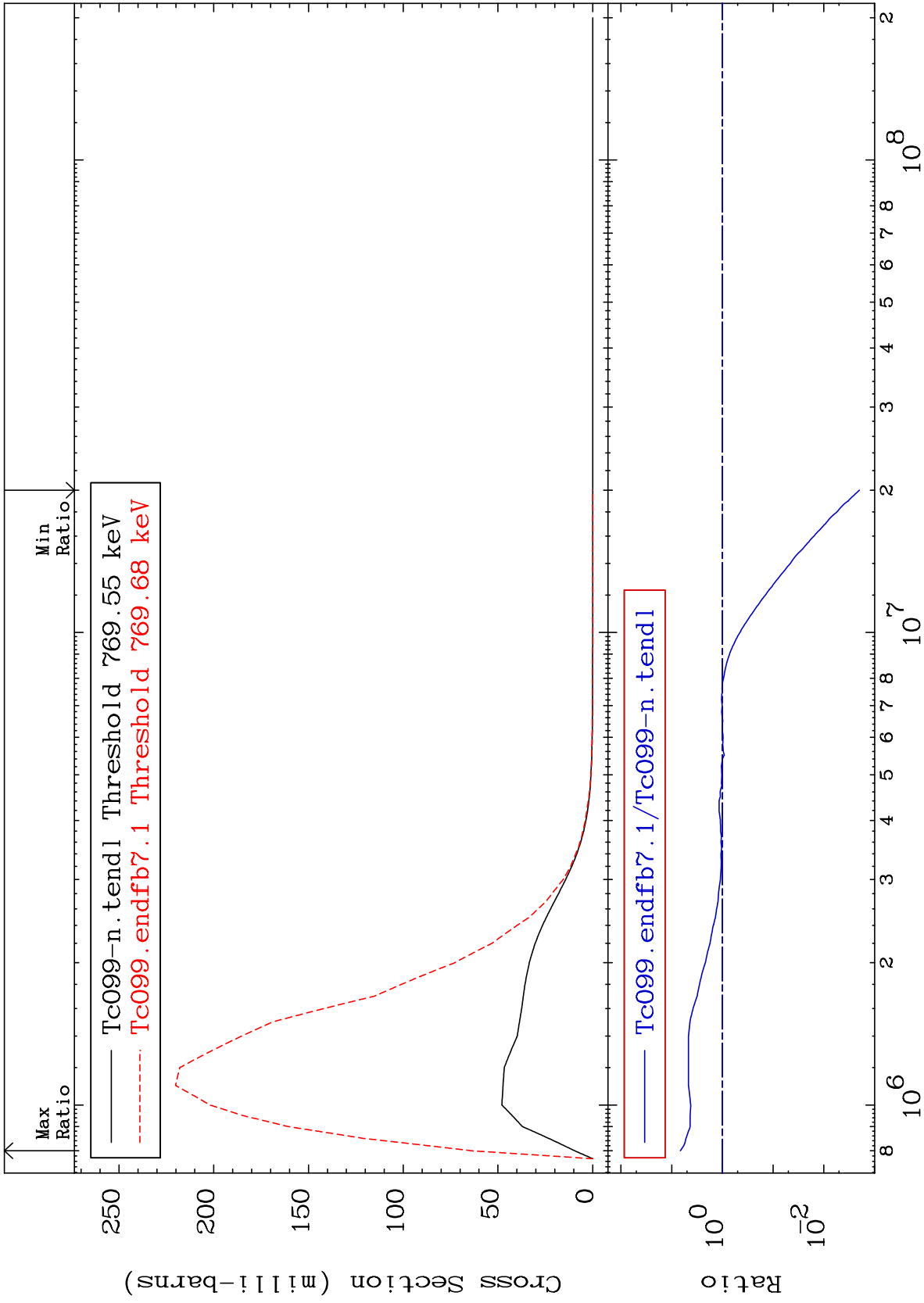
43-Tc-99
-100.0 To 9999. %



MAT 4325

761.8 keV (n,n') Level
Cross Section

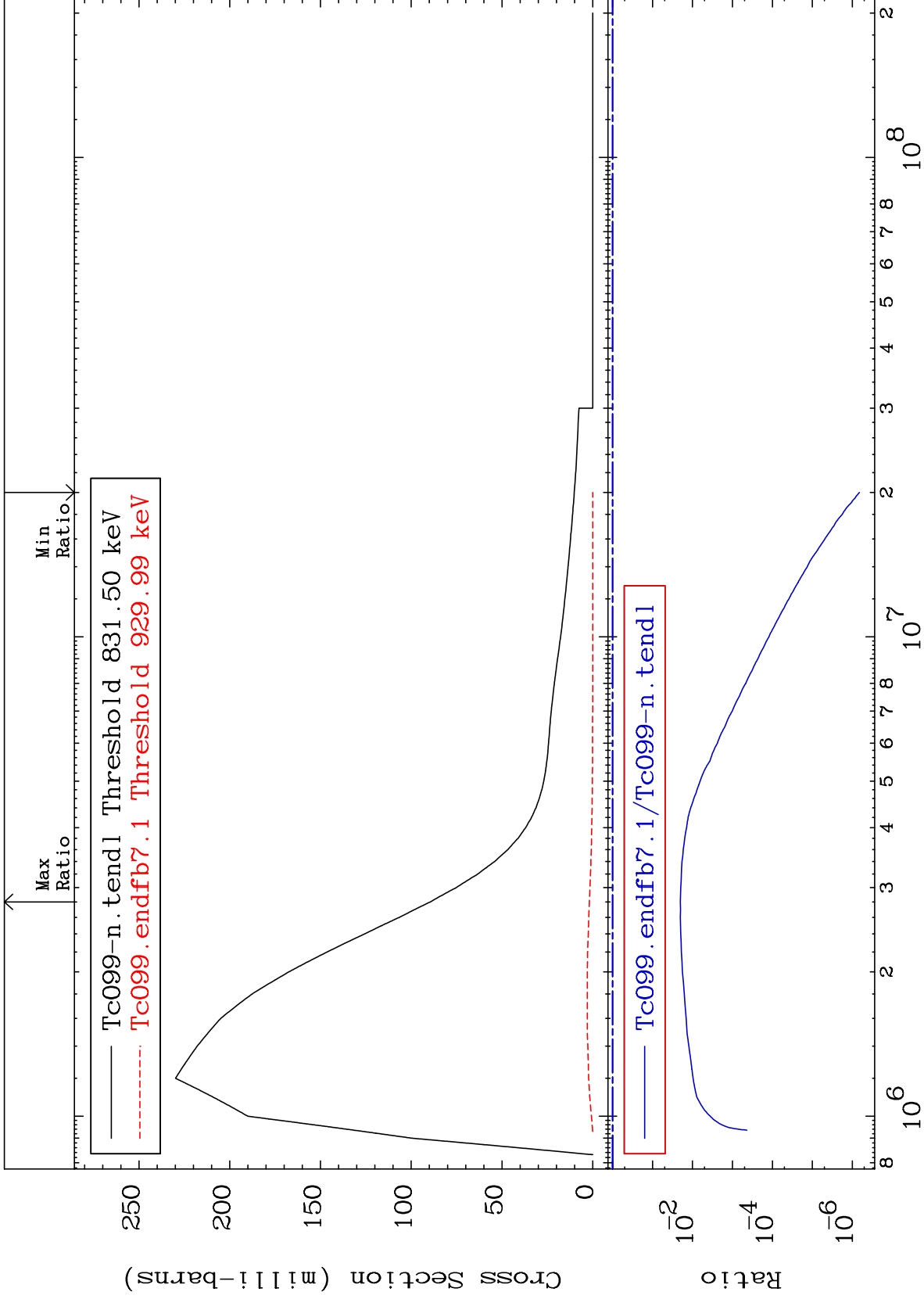
43-Tc-99
-99.80 To 573.7 %



MAT 4325

823.1 keV (n,n') Level
Cross Section

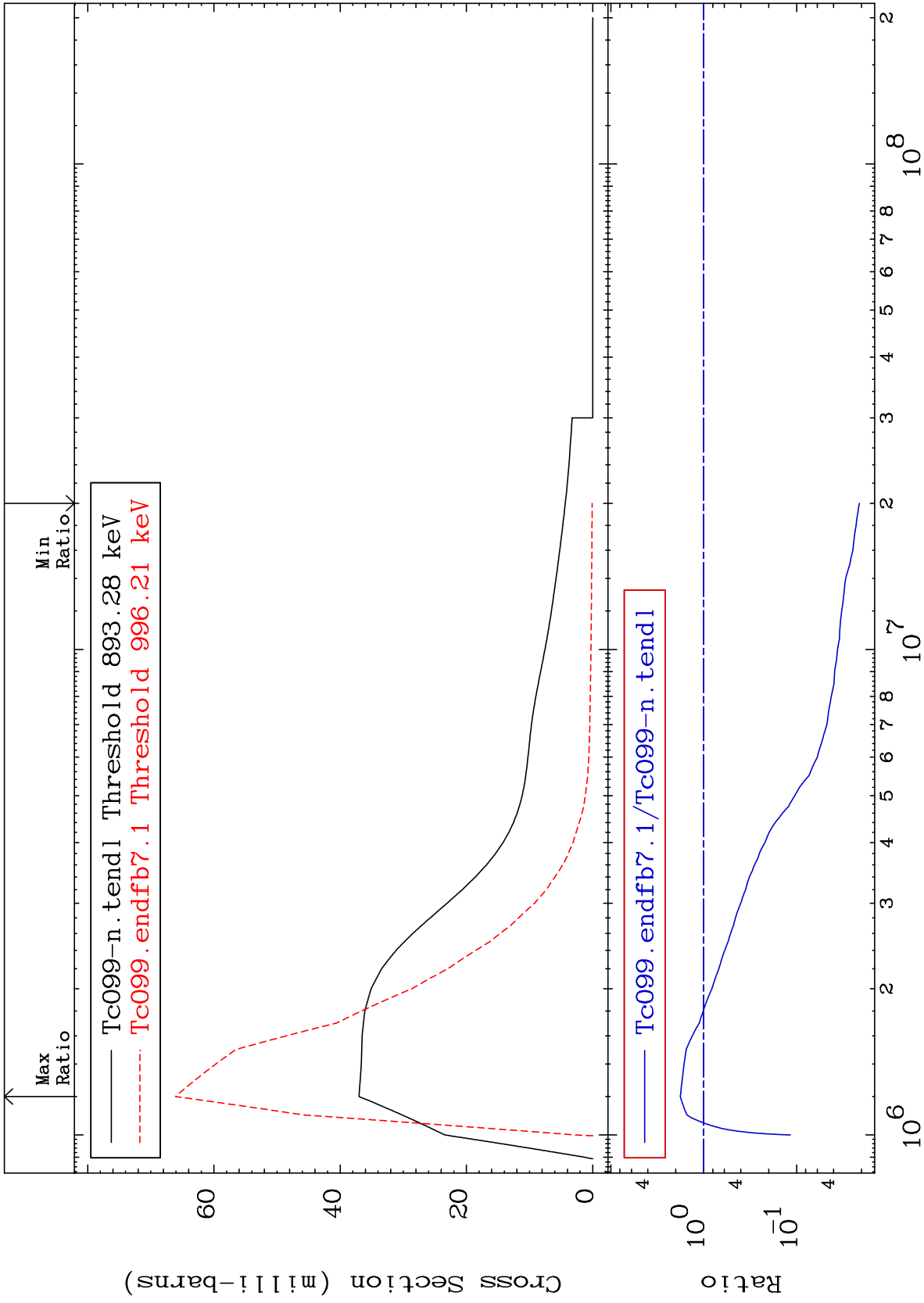
43-Tc-99
-100.0 To -97.99%



MAT 4325

884.3 keV (n,n') Level
Cross Section

43-Tc-99
-97.89 To 78.53 %



25

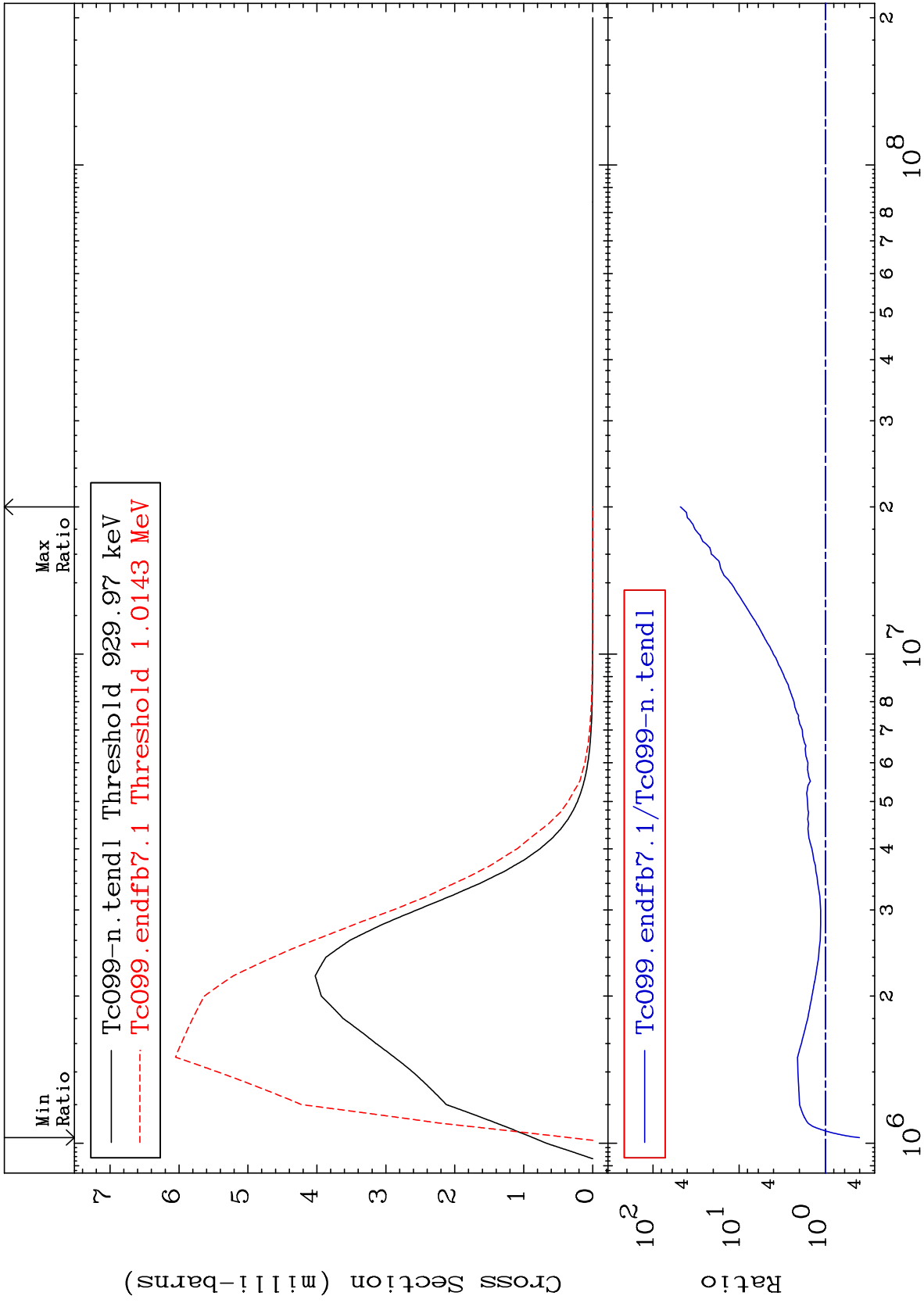
43-Tc-99

43-Tc-99

MAT 4325

920.6 keV (n,n') Level
Cross Section

43-Tc-99
-59.71 To 4713. %



26

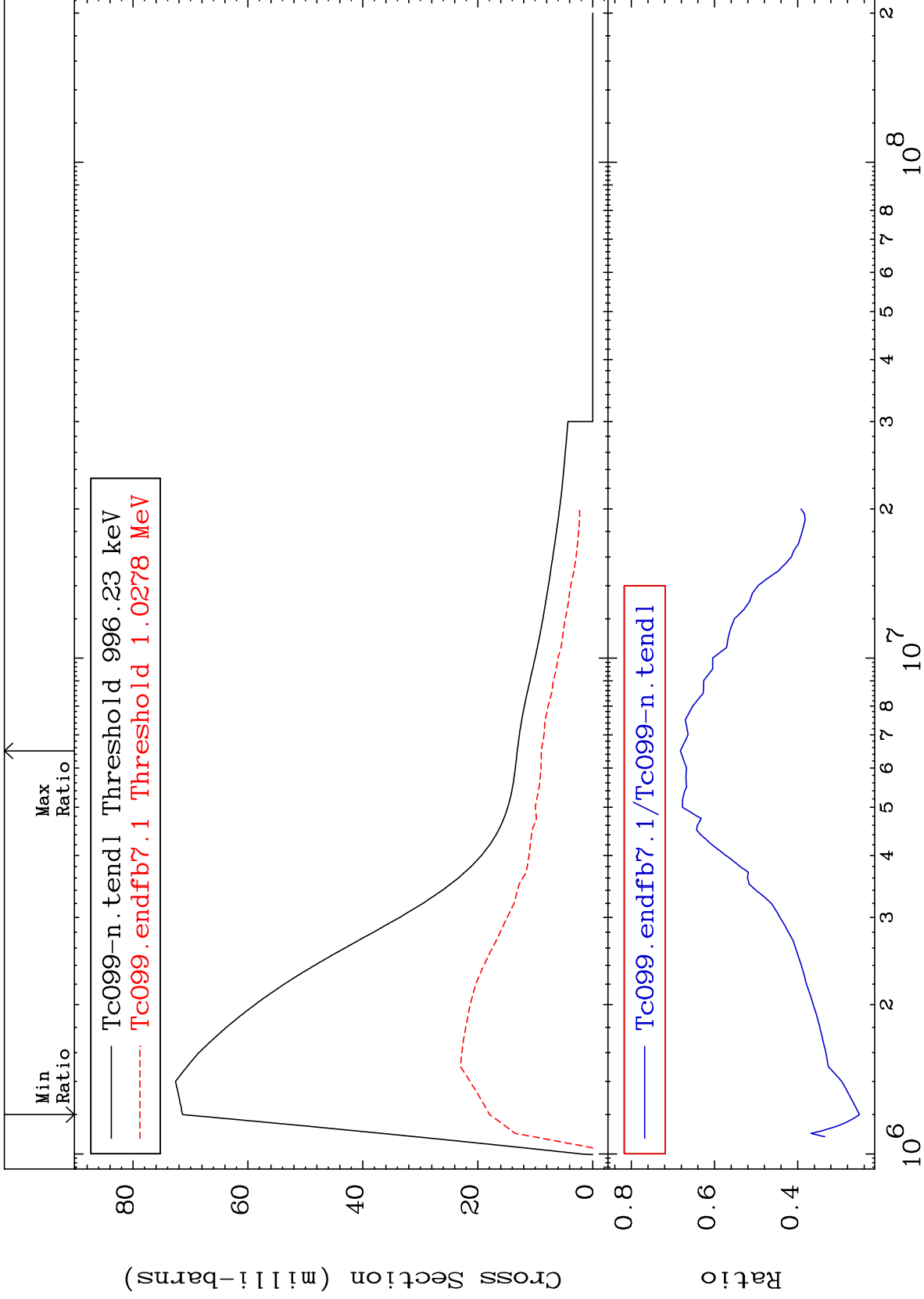
Incident Energy (eV)

43-Tc-99

MAT 4325

986.2 keV (n,n') Level
Cross Section

43-Tc-99
-74.85 To -31.78%



27

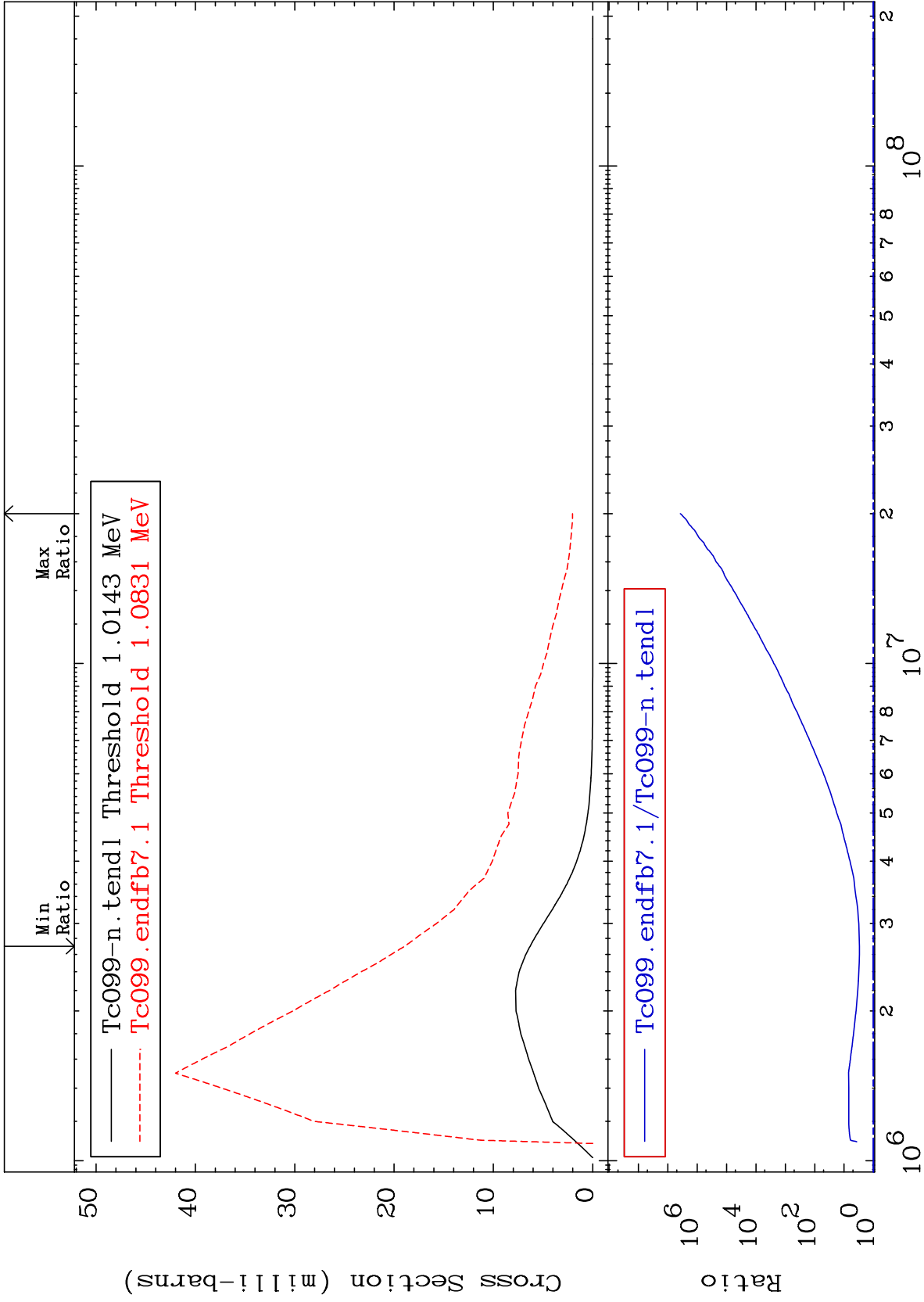
43-Tc-99

43-Tc-99

MAT 4325

1.004 MeV (n,n') Level
Cross Section

43-Tc-99
200.1 To 9999. %



28

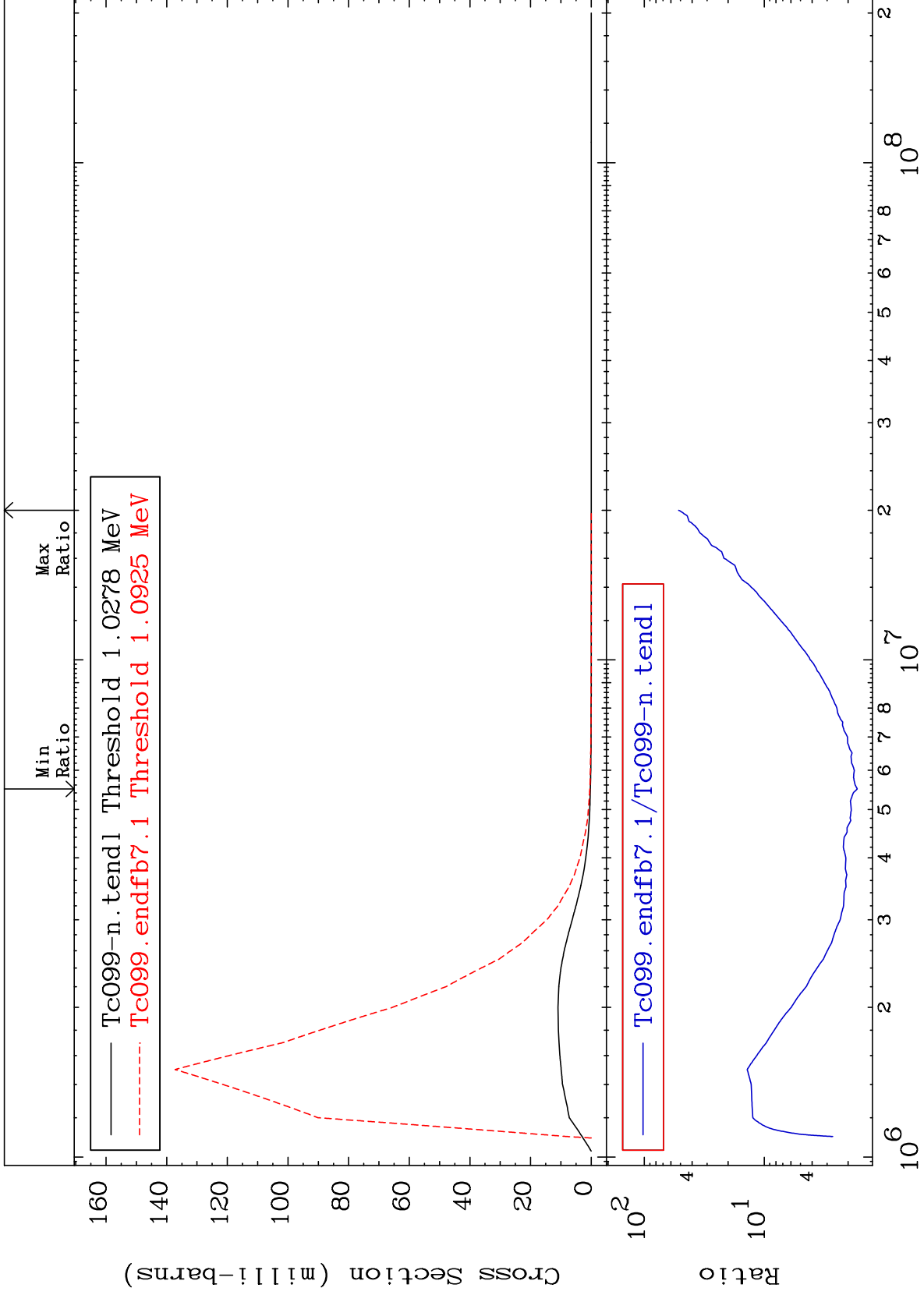
Incident Energy (eV)

43-Tc-99

MAT 4325

1.017 MeV (n,n') Level
Cross Section

43-Tc-99
68.01 To 5075. %



29

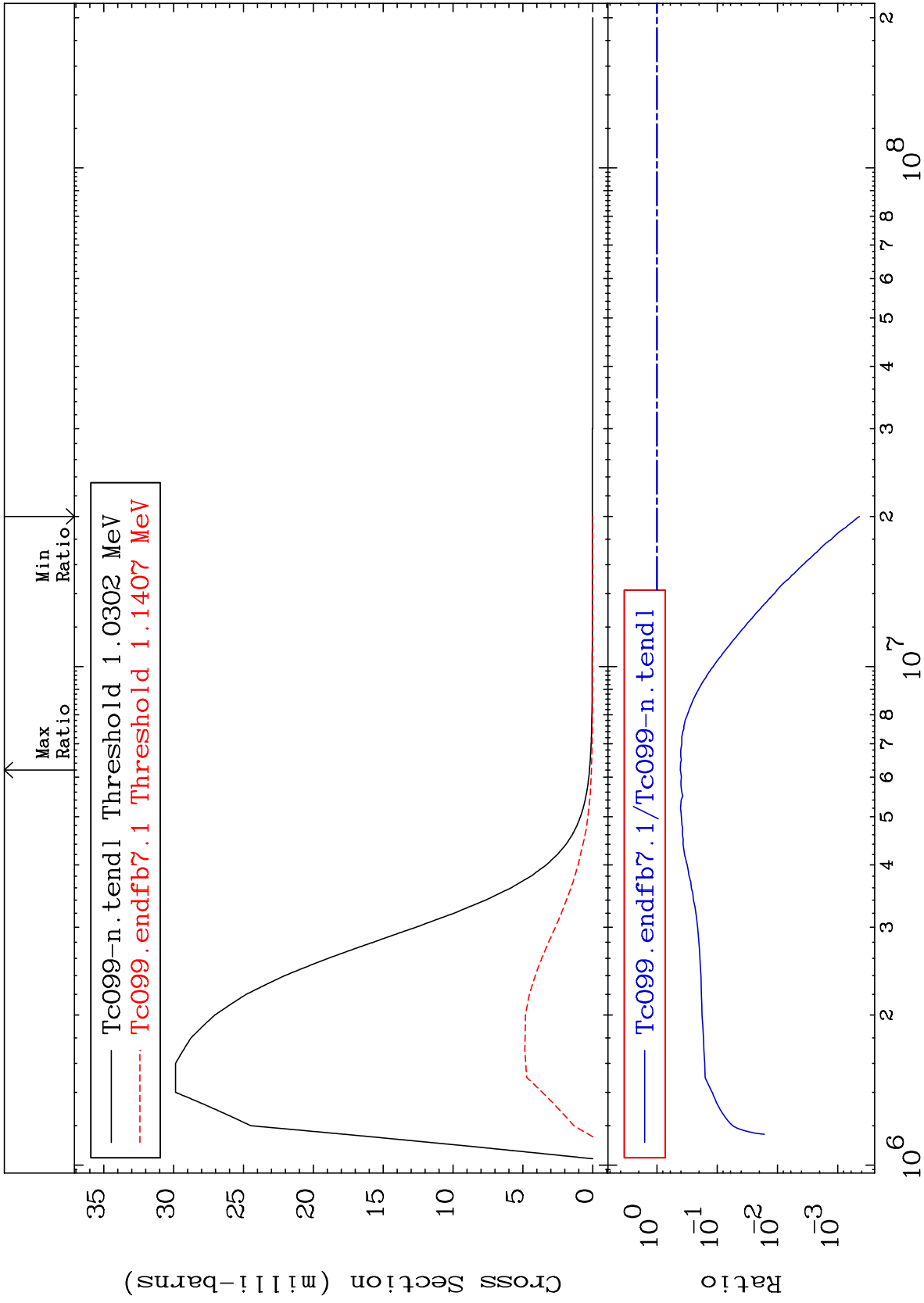
Incident Energy (eV)

43-Tc-99

MAT 4325

1.020 MeV (n,n') Level
Cross Section

43-Tc-99
-99.96 To -59.23%



30

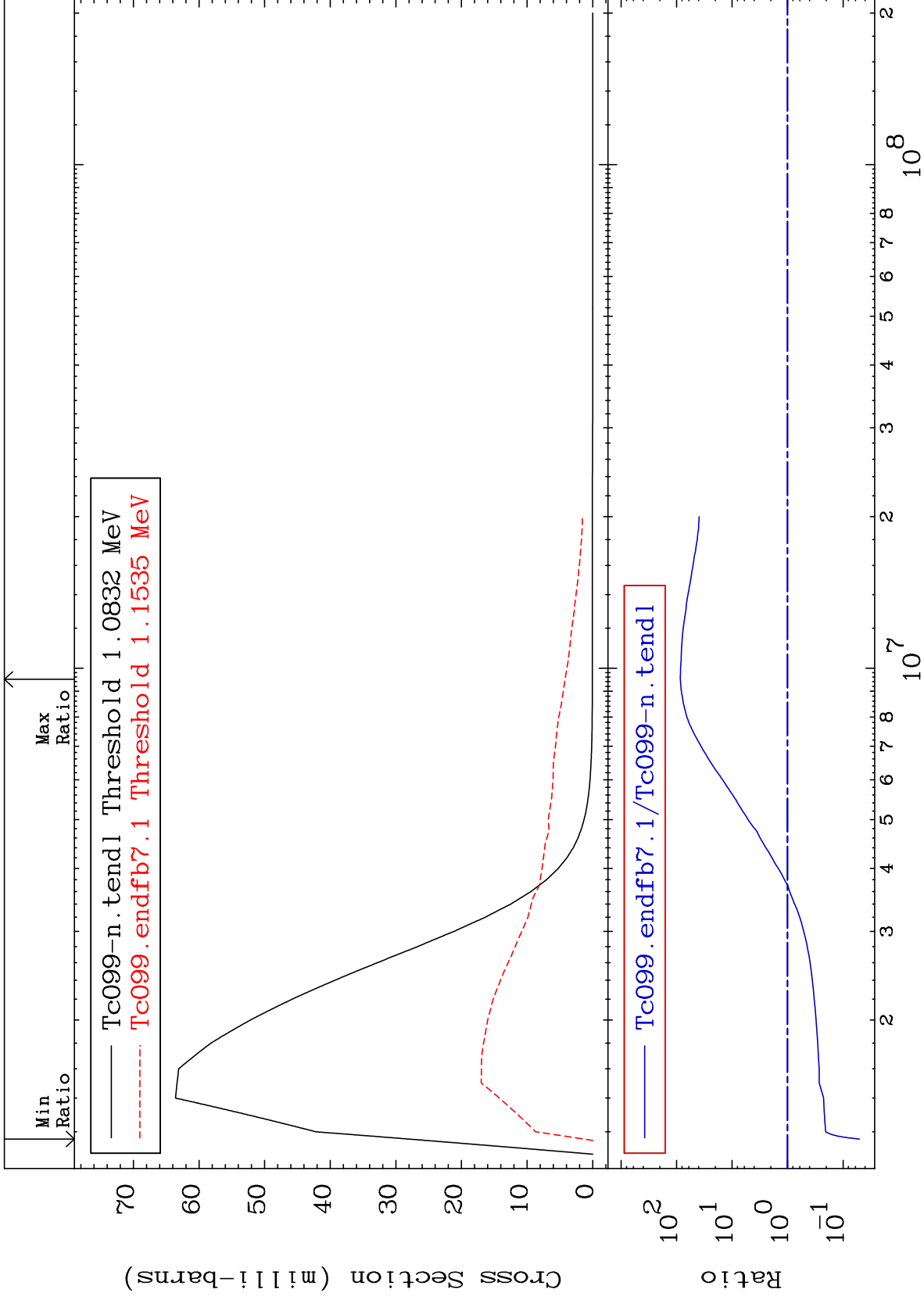
Incident Energy (eV)

43-Tc-99

MAT 4325

1.072 MeV (n,n') Level
Cross Section

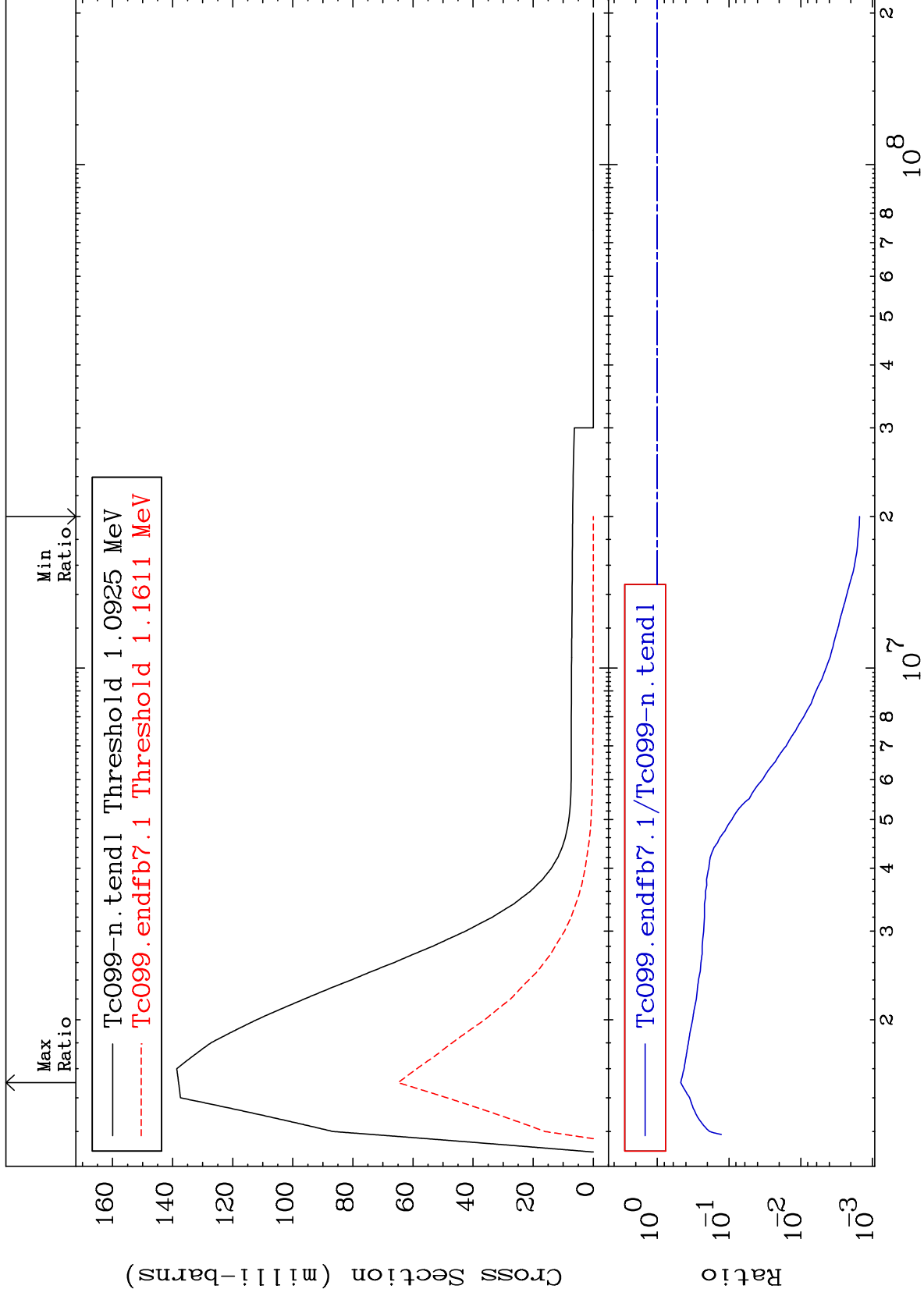
43-Tc-99
-94.93 To 8454. %

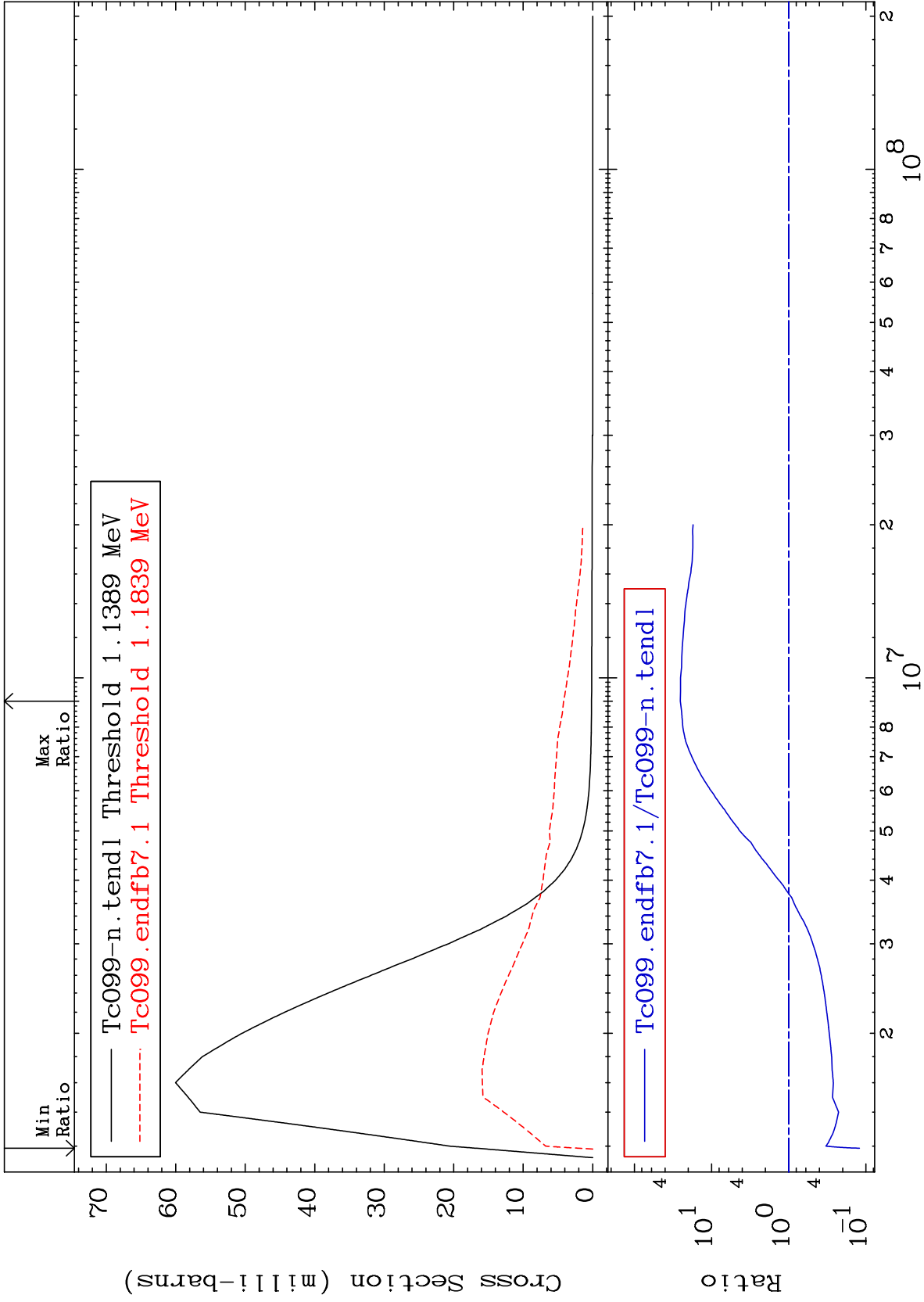


MAT 4325

1.081 MeV (n,n') Level
Cross Section

43-Tc-99
-99.85 To -52.94%

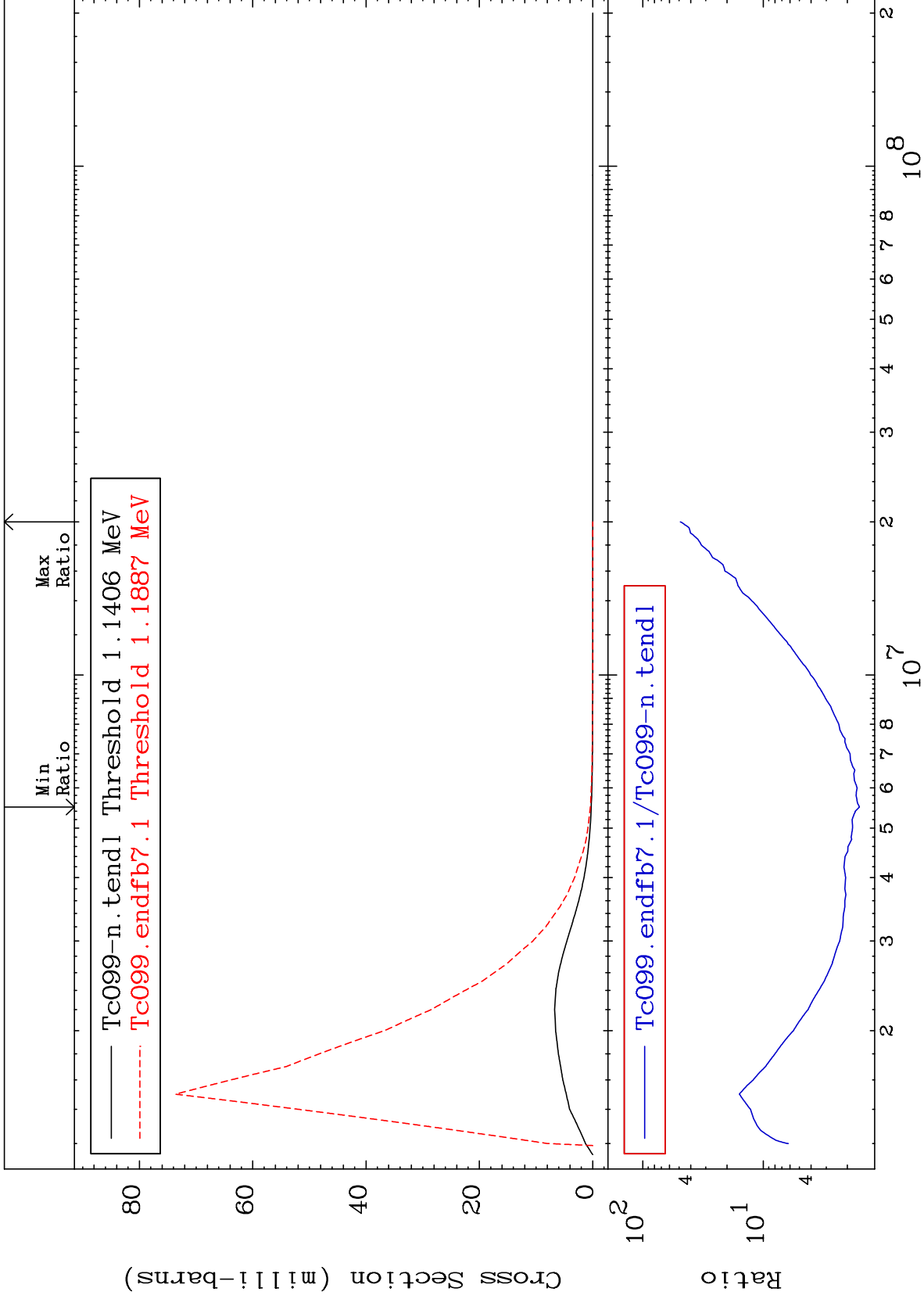


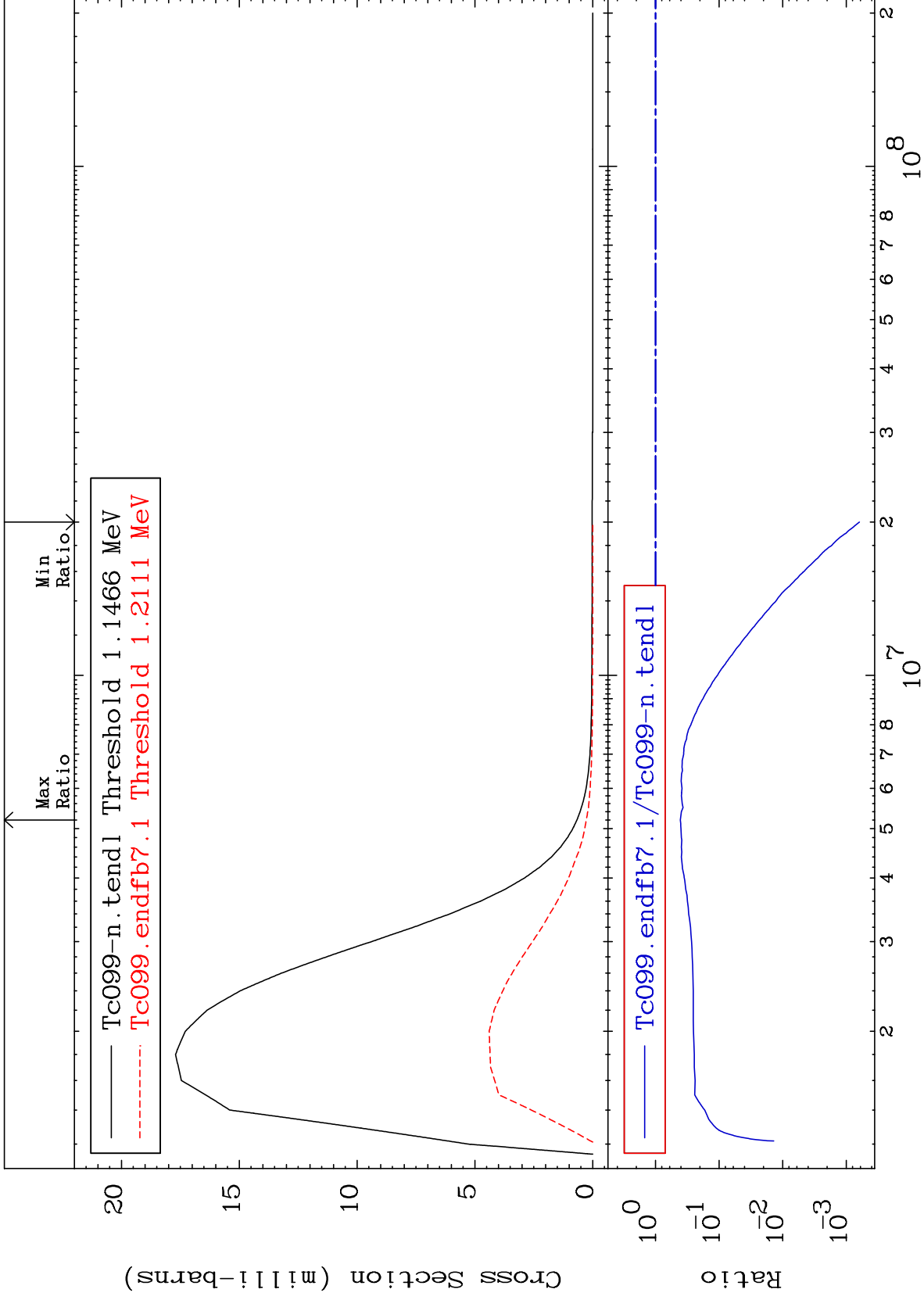


MAT 4325

1.129 MeV (n,n') Level
Cross Section

43-Tc-99
58.89 To 4773. %

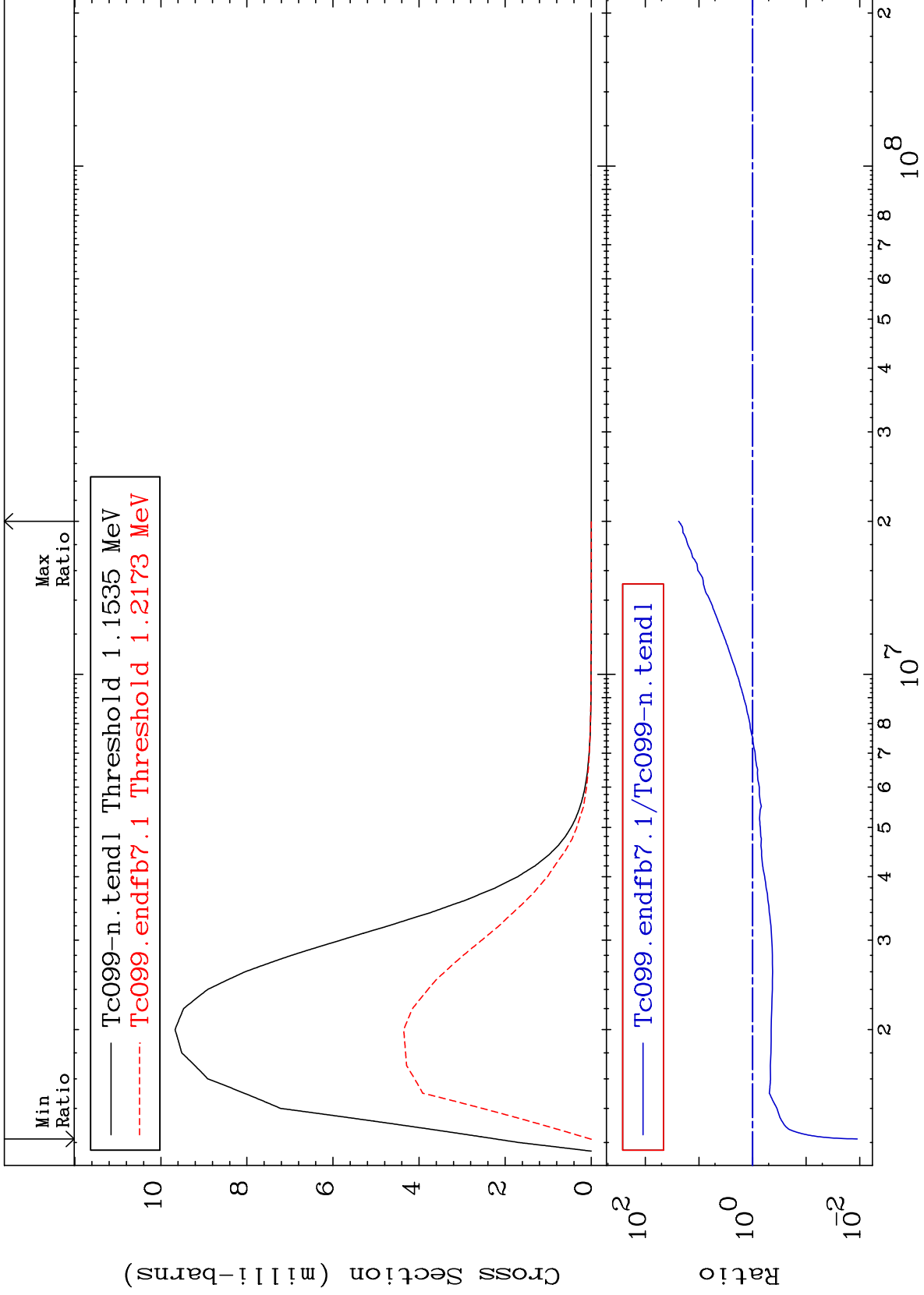




MAT 4325

1.142 MeV (n,n') Level
Cross Section

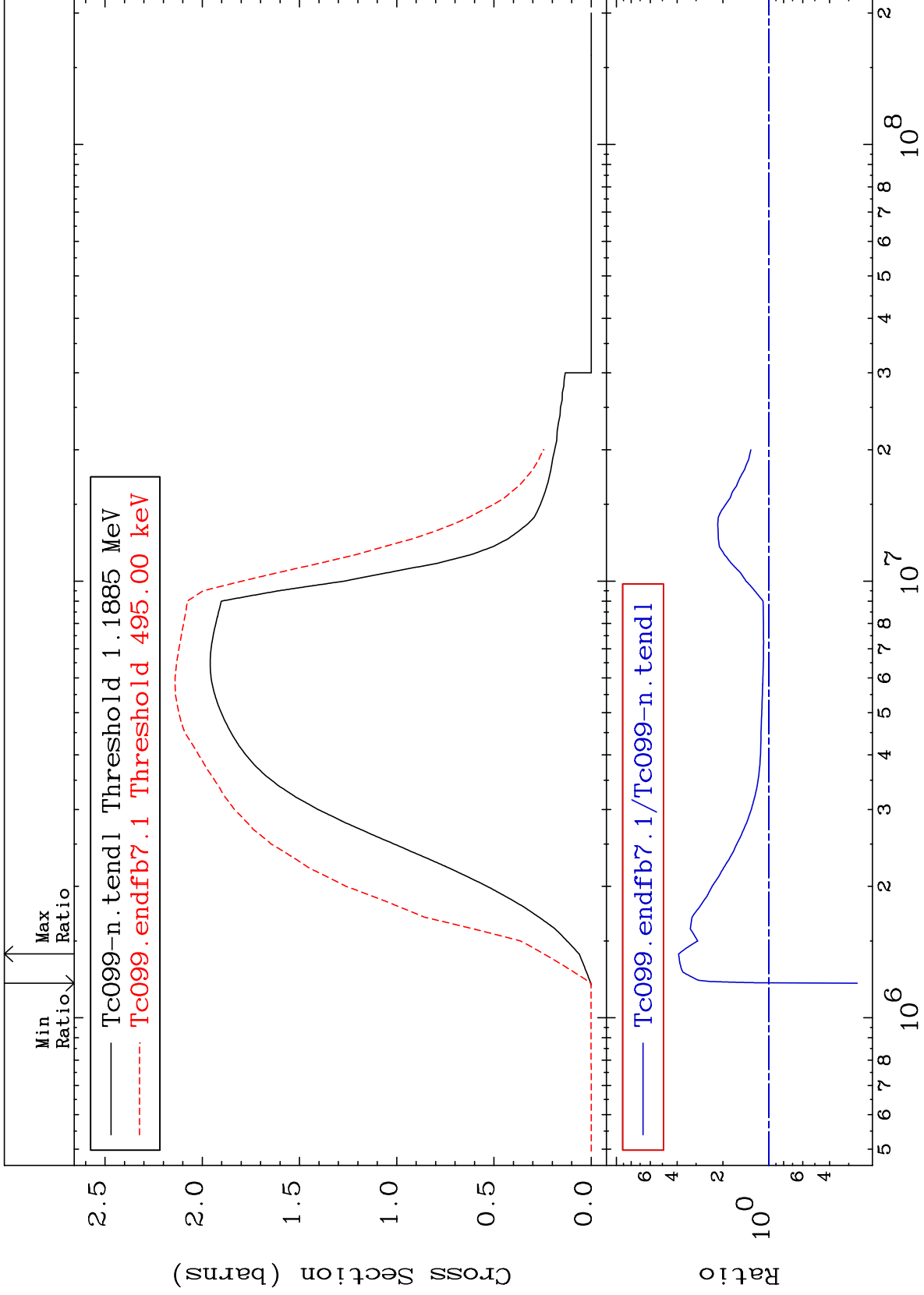
43-Tc-99
-98.88 To 2290. %



MAT 4325

(n, n') Continuum
Cross Section

43-Tc-99
-73.66 To 290.7 %

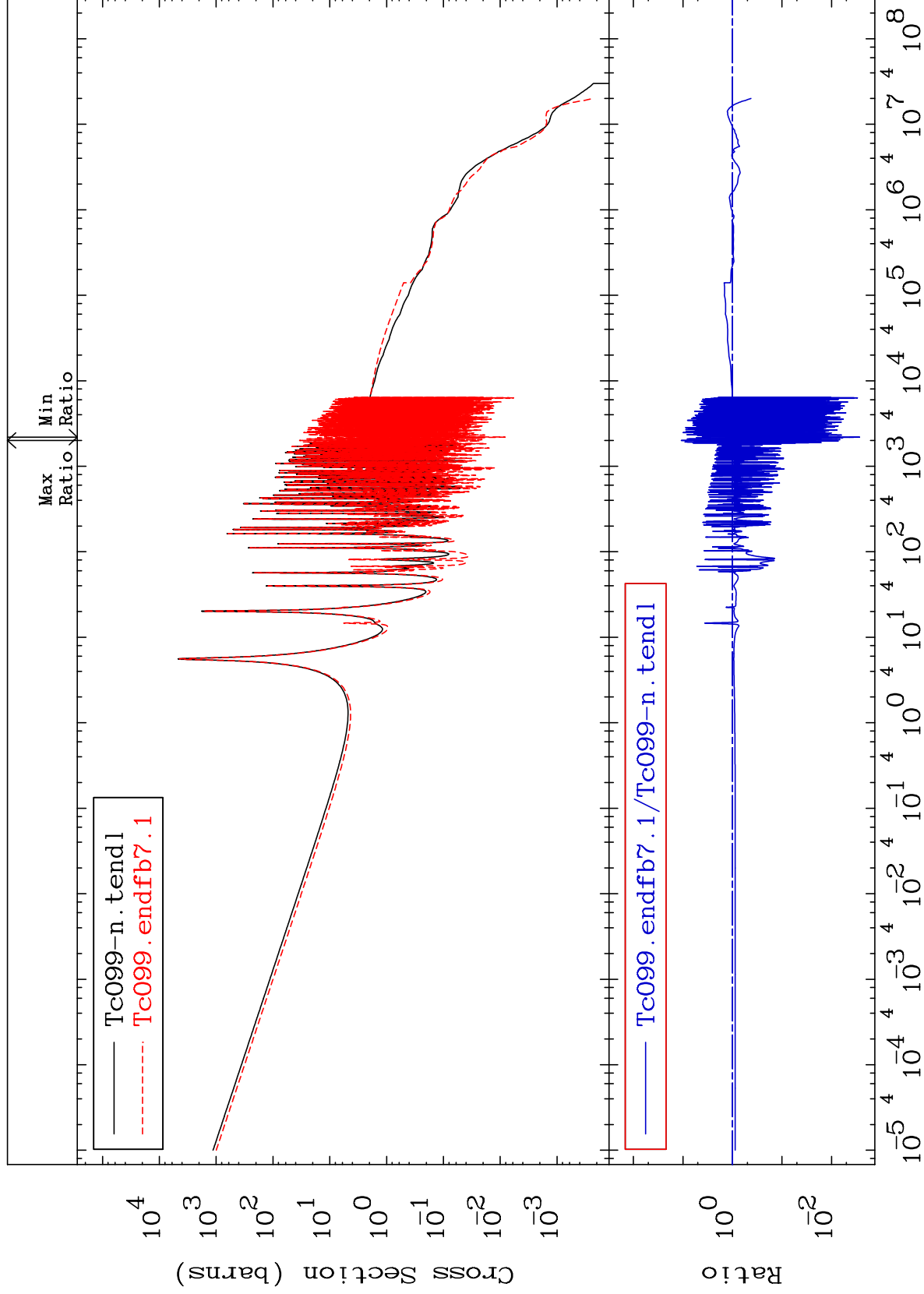


MAT 4325

43-Tc-99

(n, γ)
Cross Section

-99.73 To 984.9 %



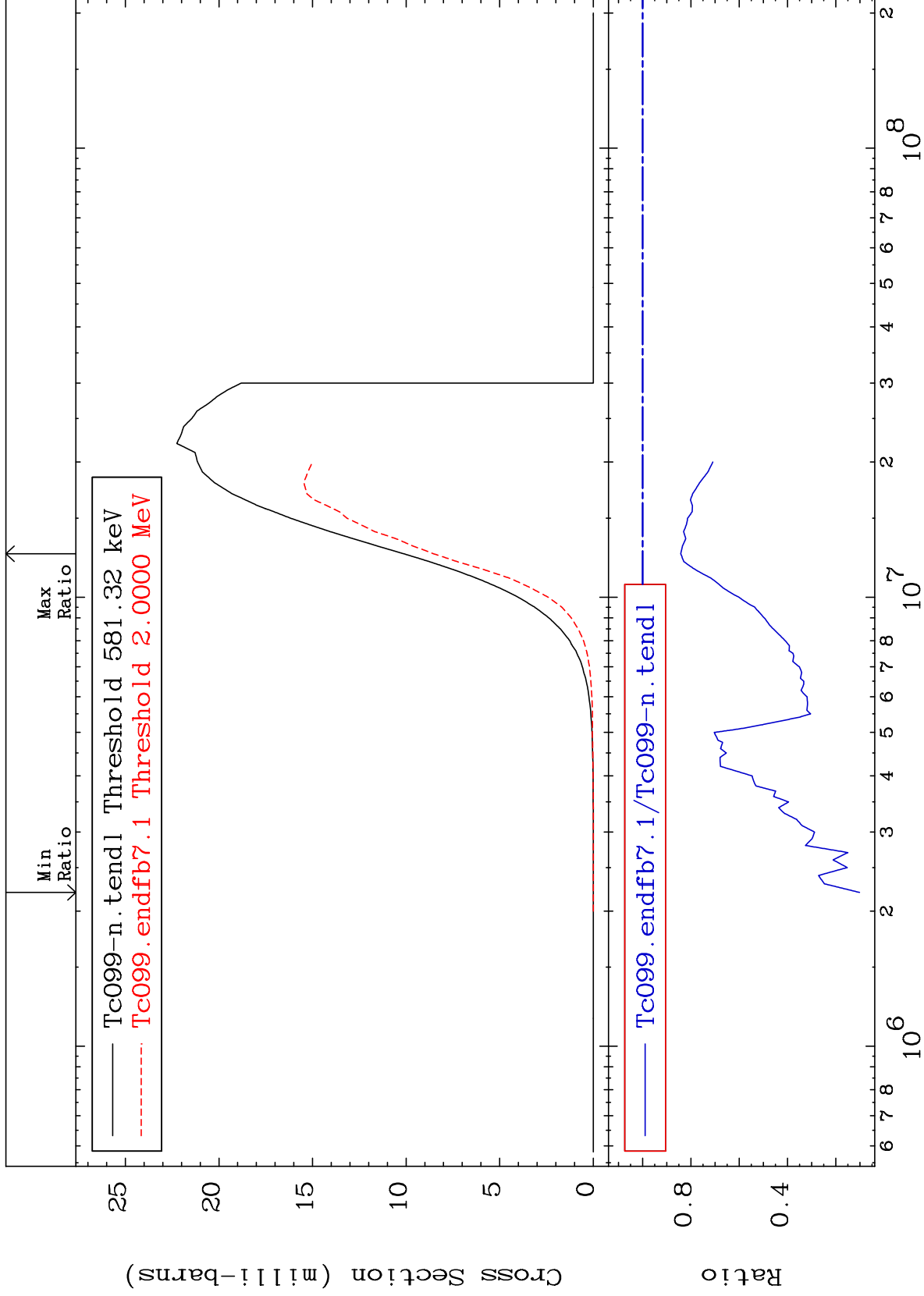
MAT 4325

(n,p)

43-Tc-99

Cross Section

-89.80 To -15.78%



39

Incident Energy (eV)

43-Tc-99

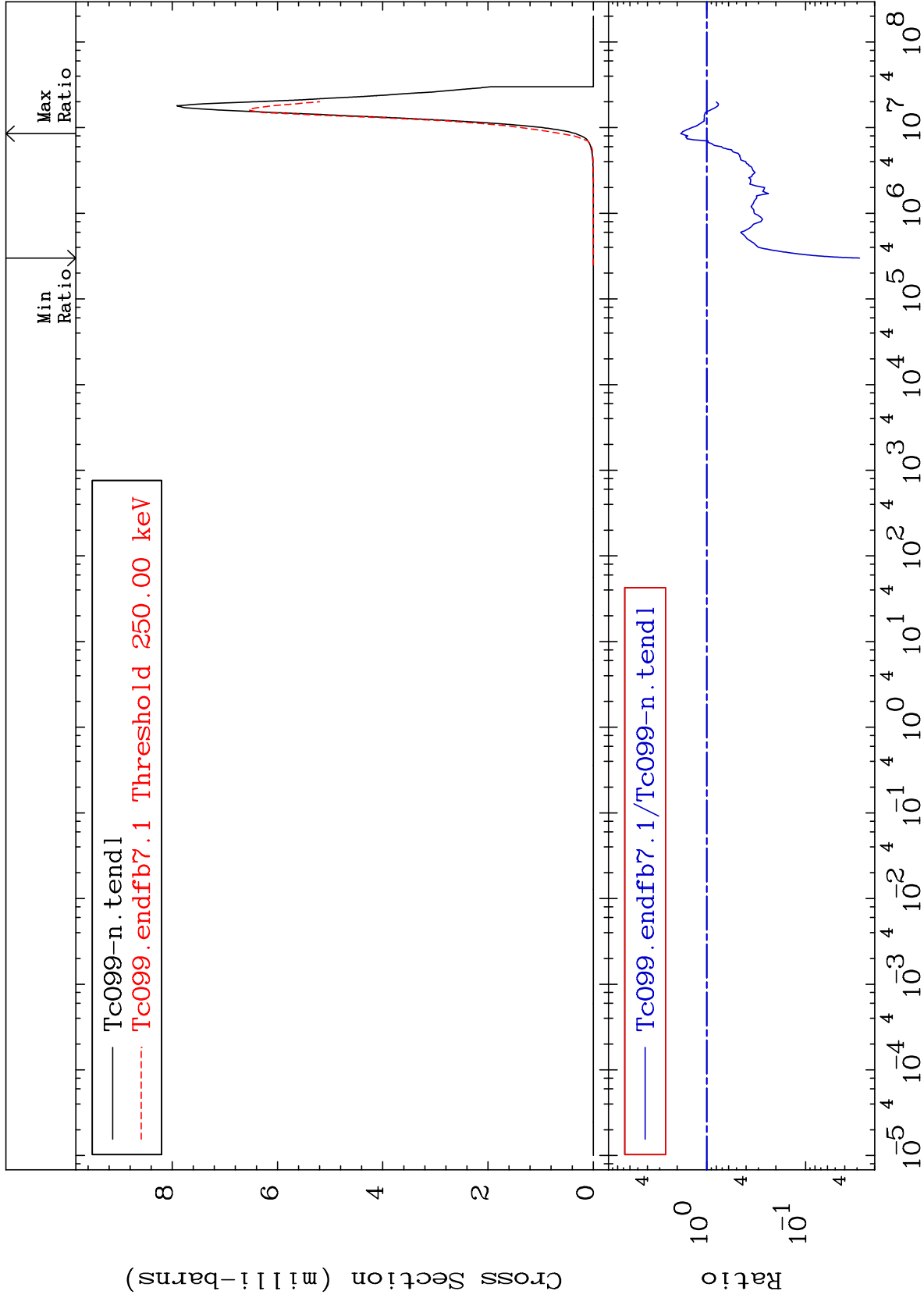
MAT 4325

(n, α)

Cross Section

43-Tc-99

-97.16 To 83.54 %



Incident Energy (eV)

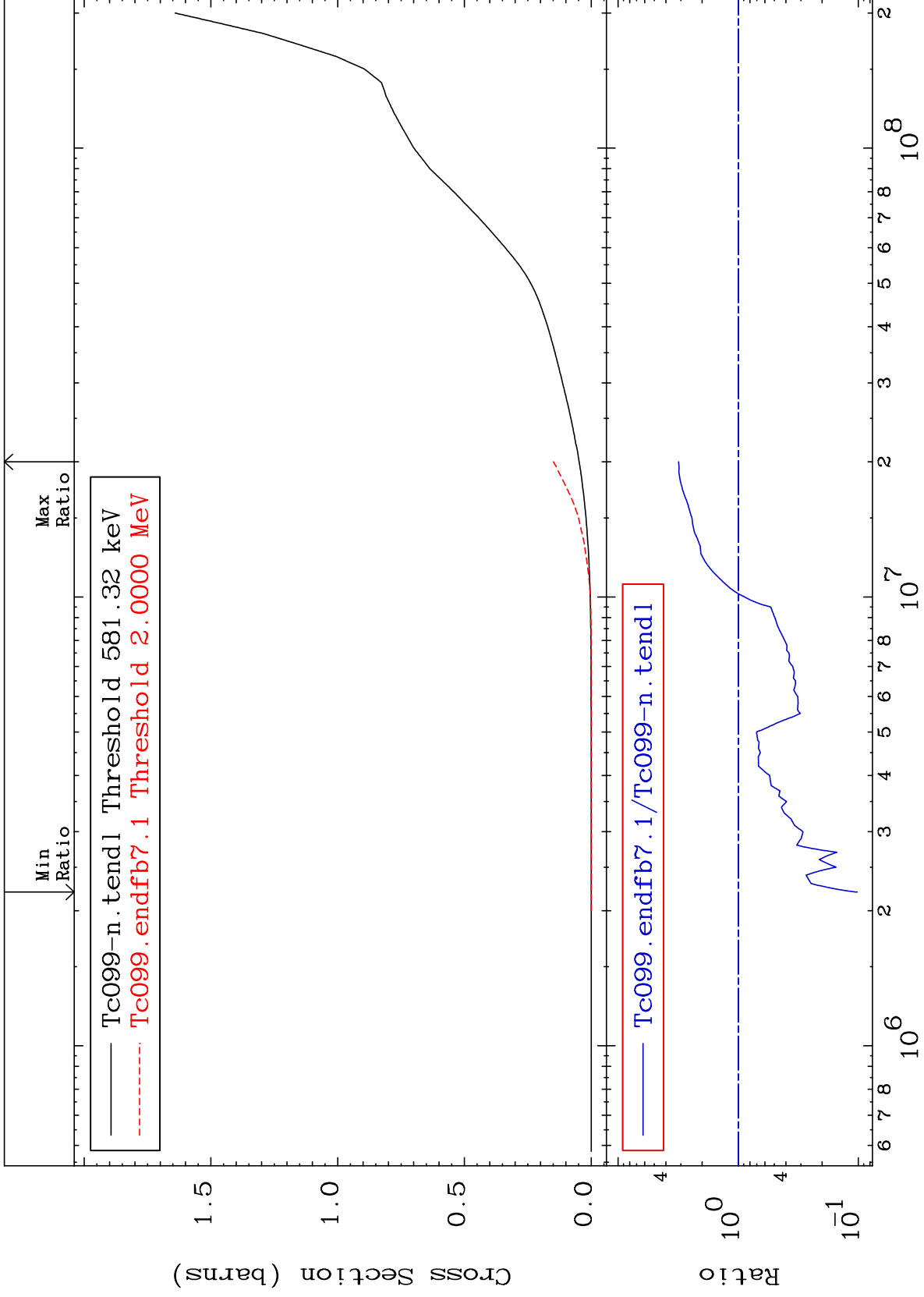
43-Tc-99

40

MAT 4325

Hydrogen Production
Cross Section

43-Tc-99
-89.80 To 213.2 %



41

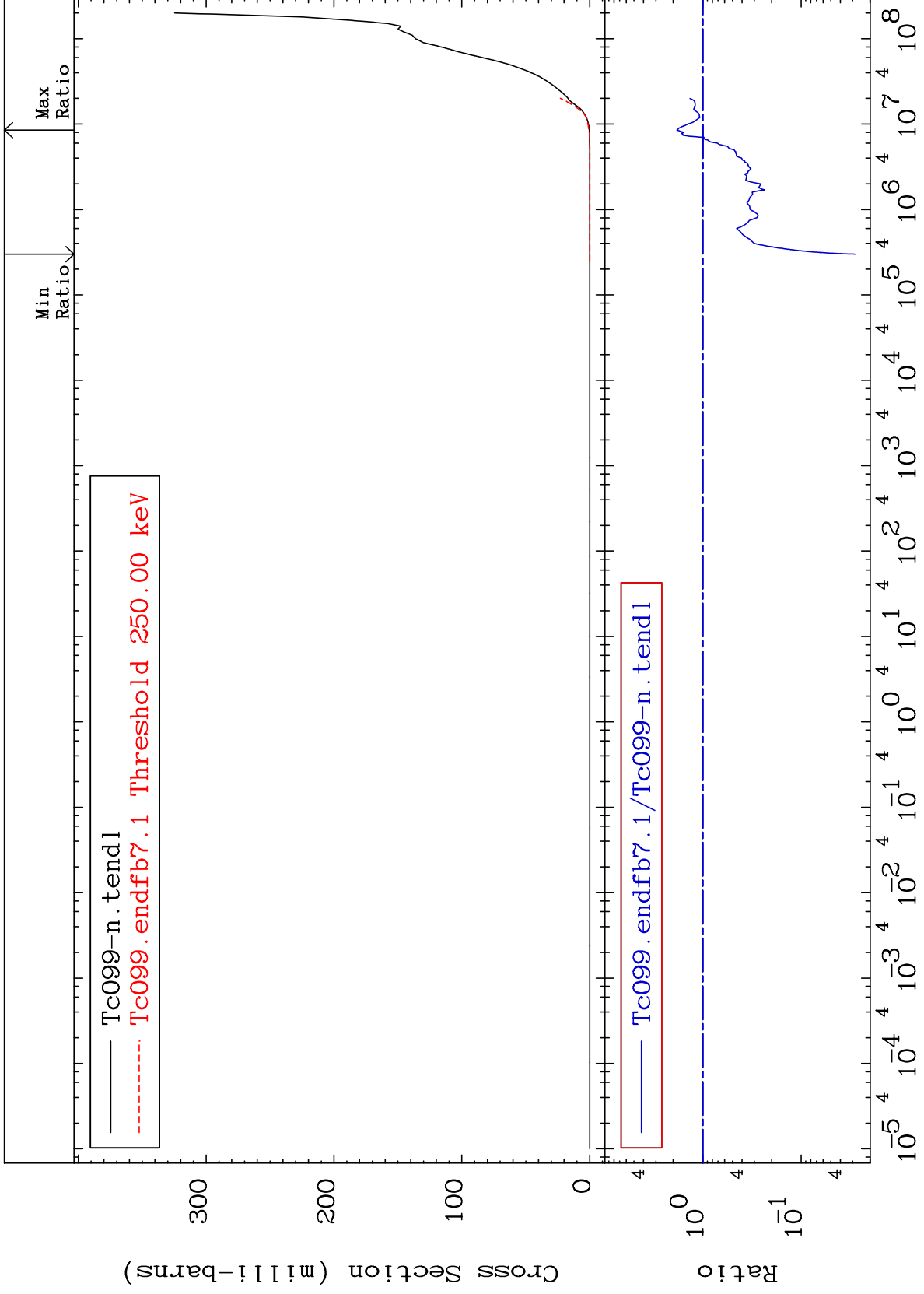
Incident Energy (eV)

43-Tc-99

MAT 4325

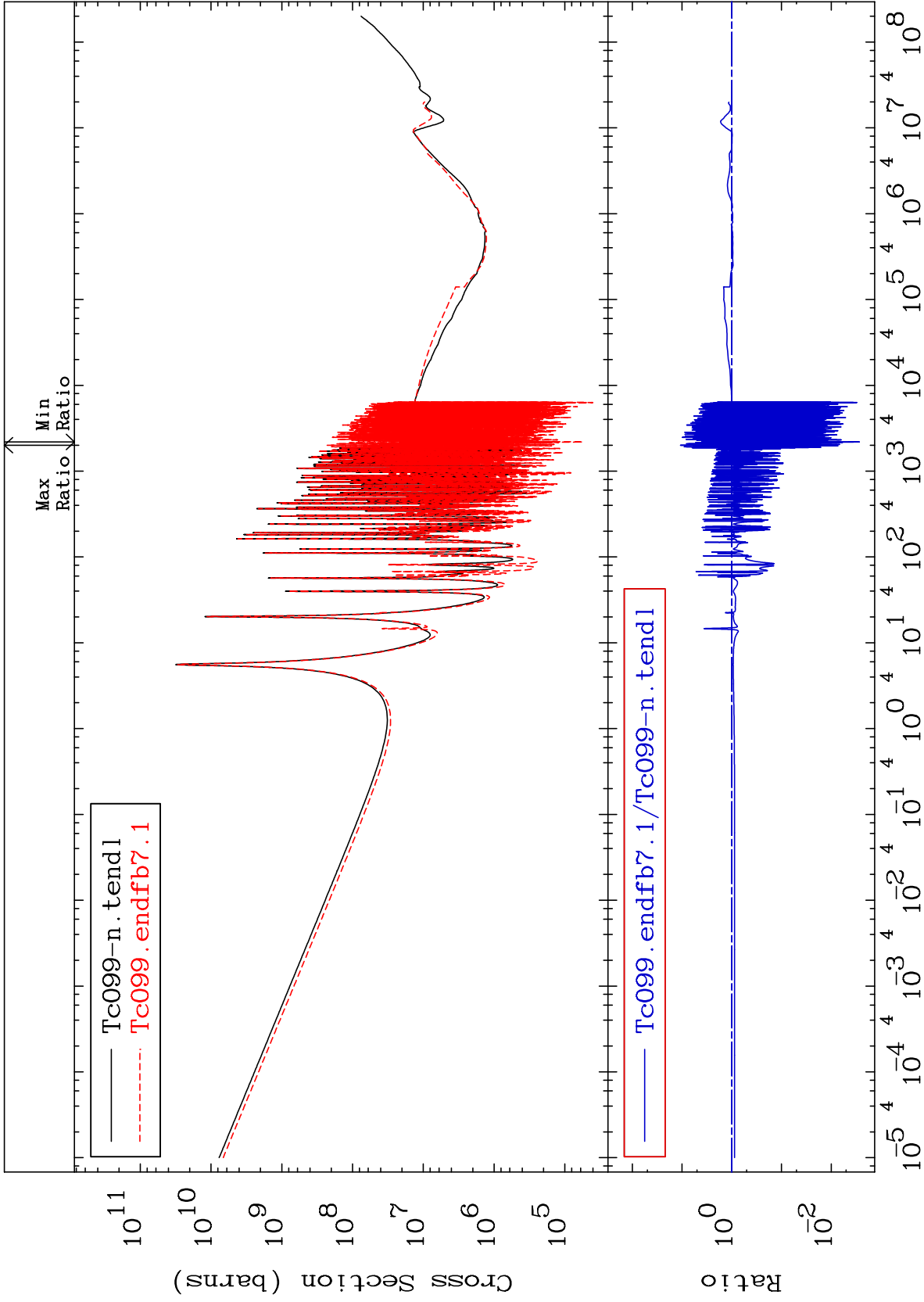
He-4 Production
Cross Section

43-Tc-99
-97.16 To 83.25 %

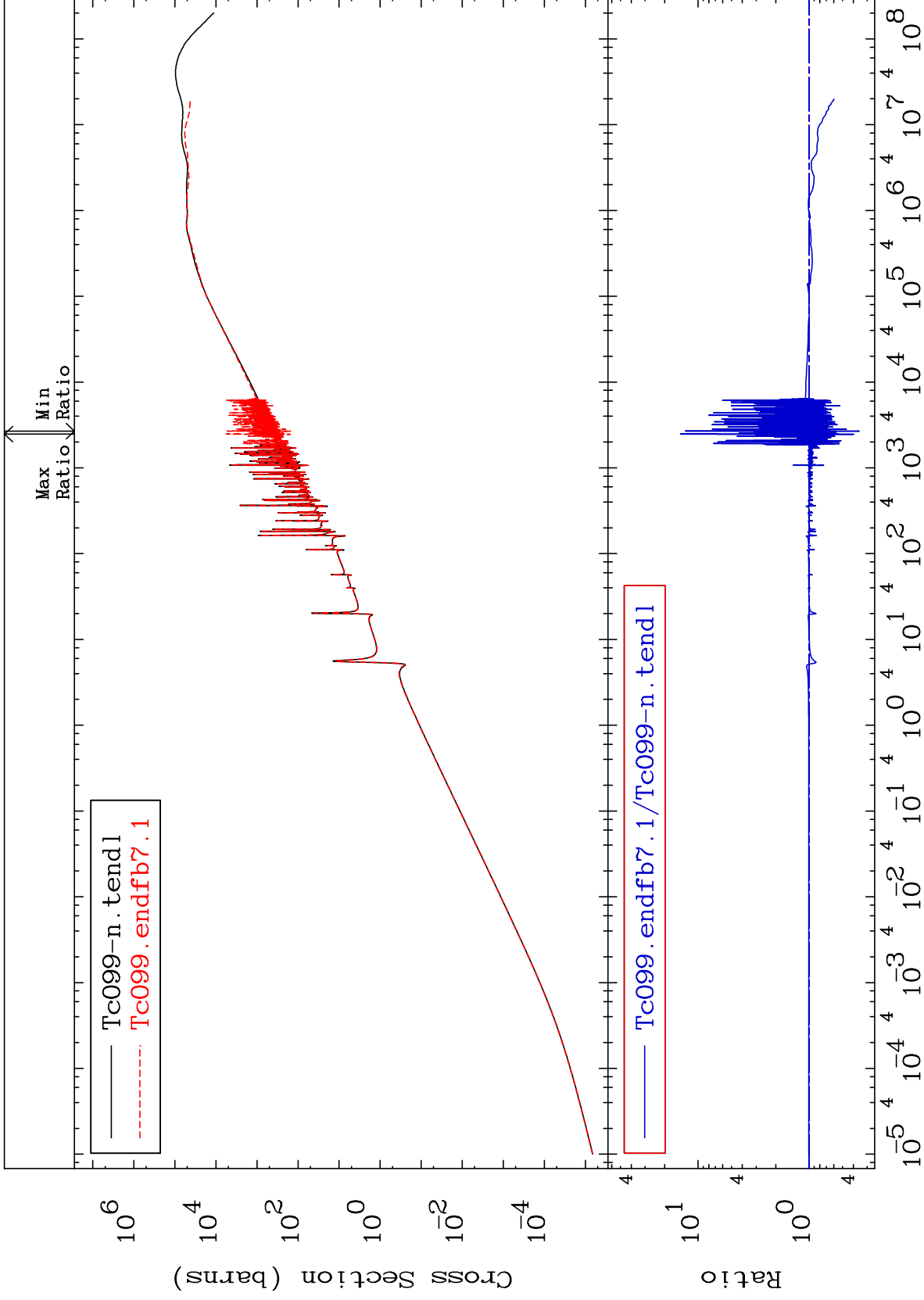


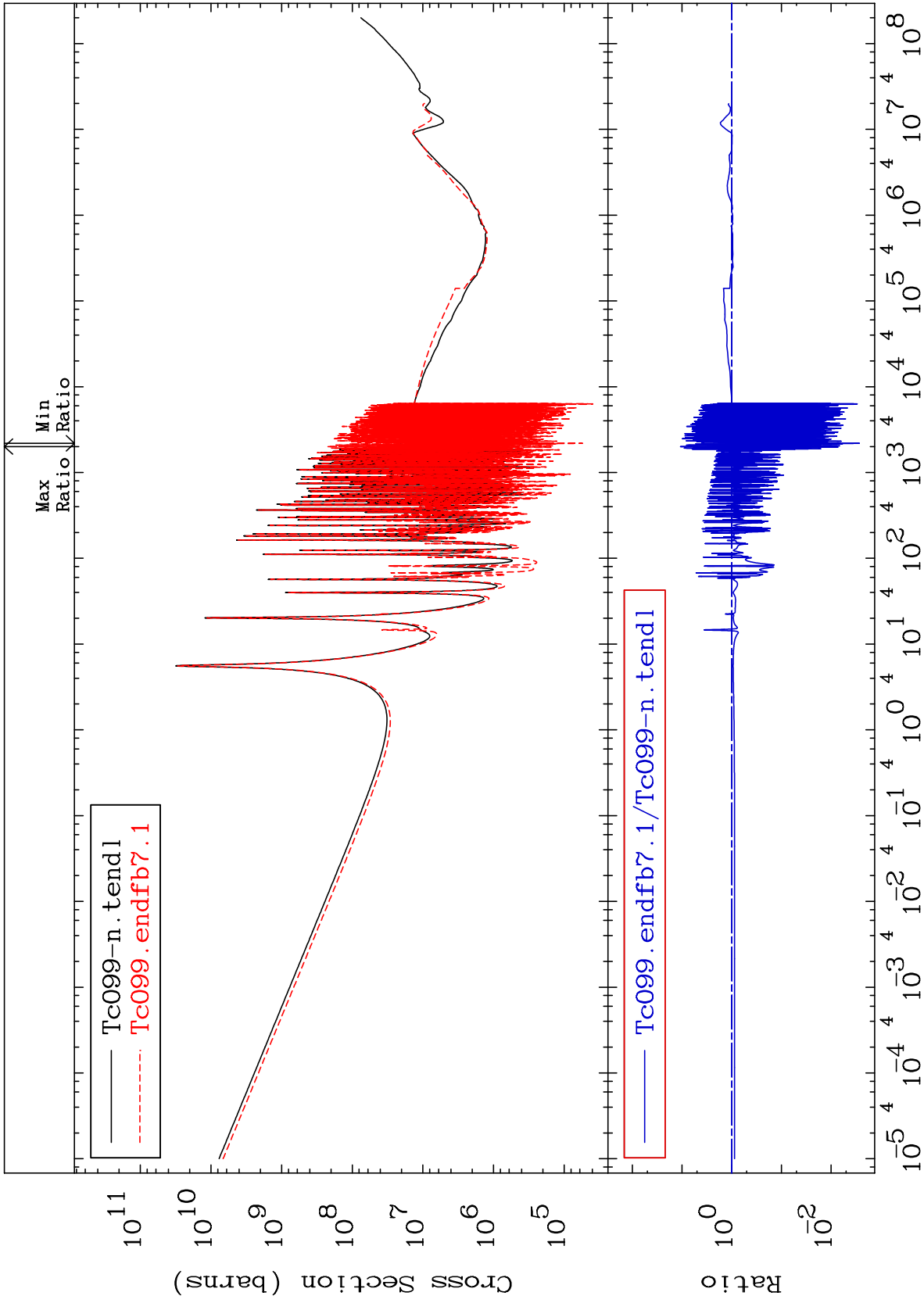
Cross Section

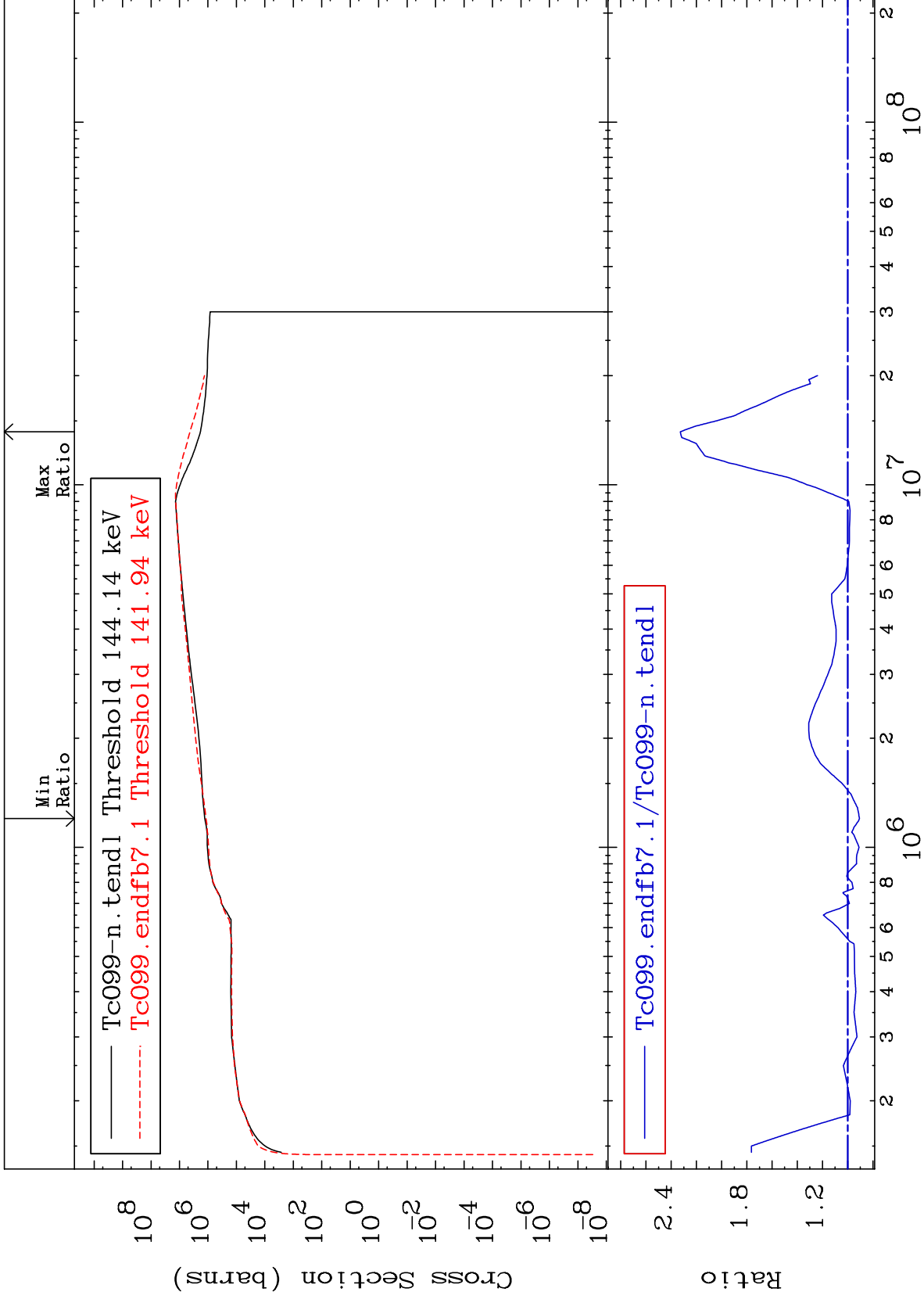
-99.73 To 980.5 %



Incident Energy (eV)



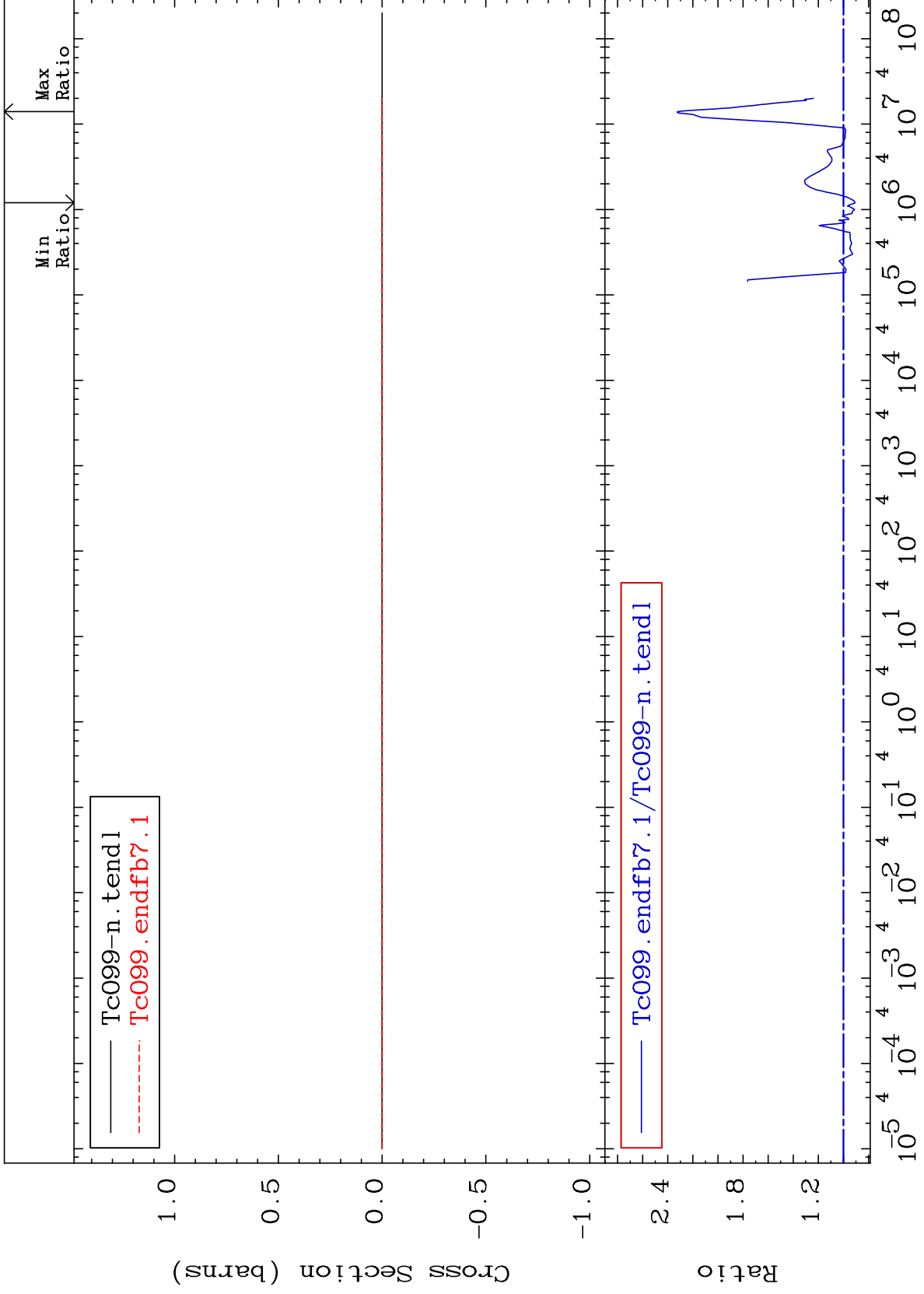




MAT 4325

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

43-Tc-99
-9.301 To 132.7 %



47

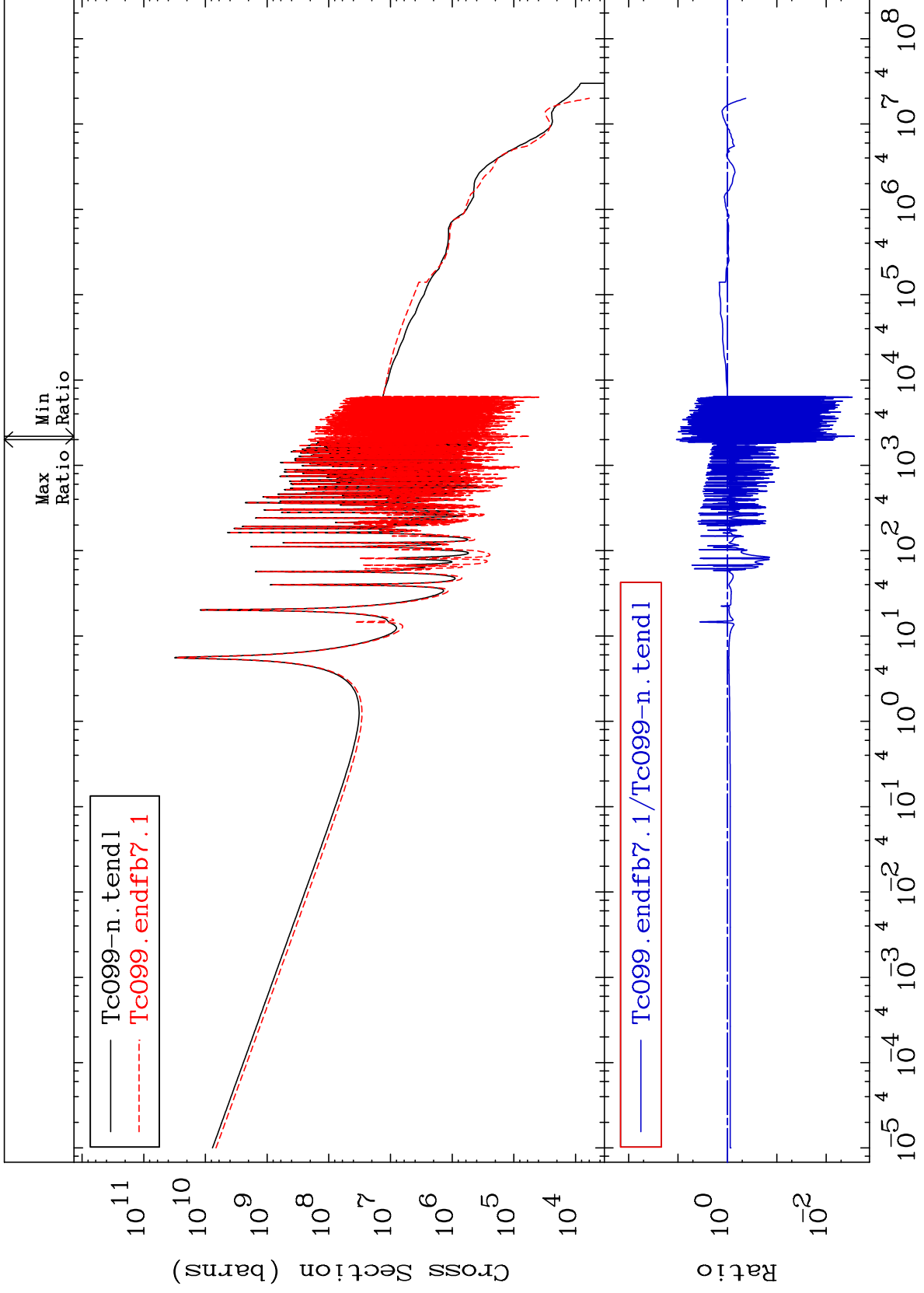
Incident Energy (eV)

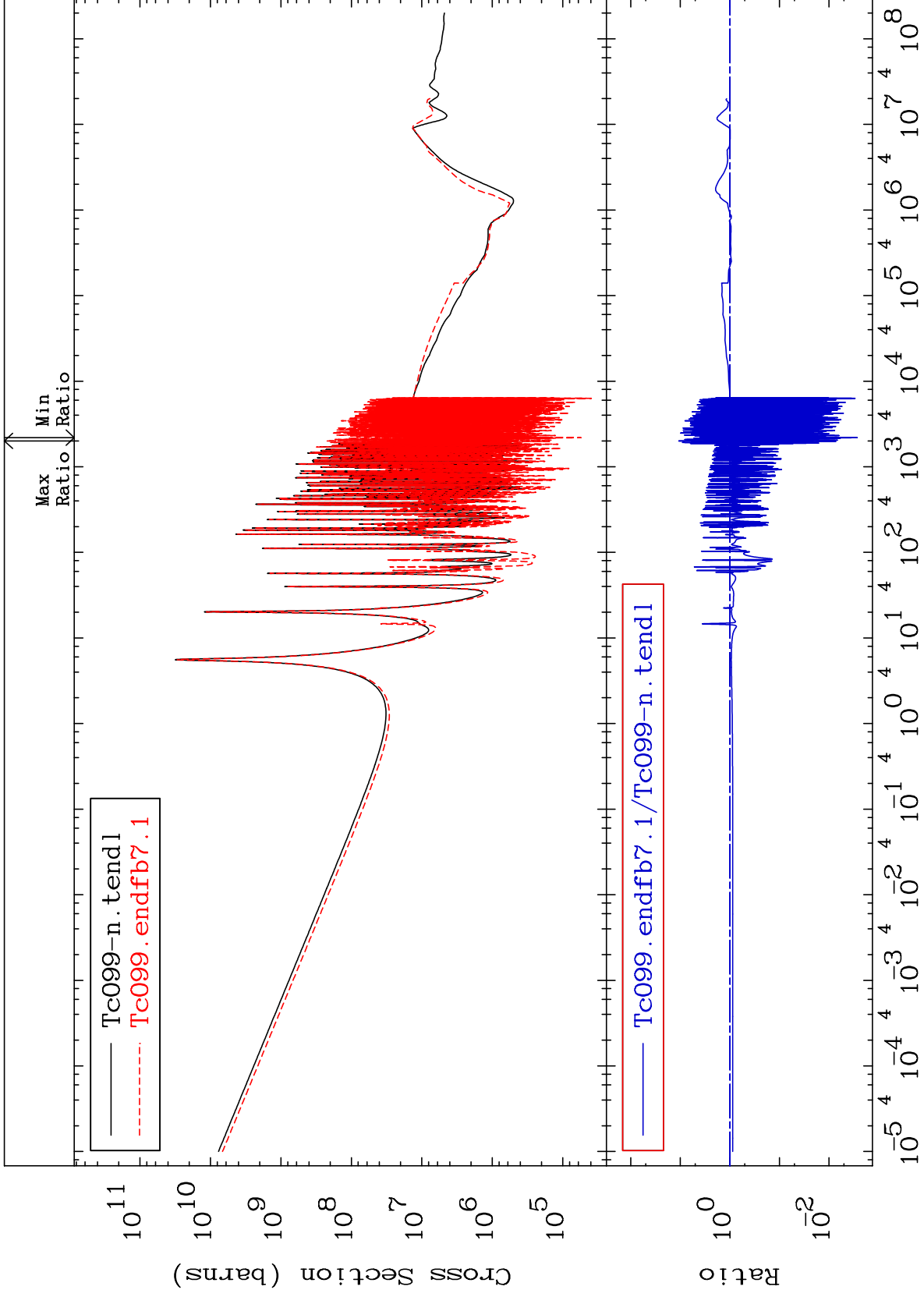
43-Tc-99

MAT 4325

Kerma capture (mt102)
Cross Section

43-Tc-99
-99.73 To 980.5 %





MAT 4325

Total kinematic kerma (high limit)
Cross Section

43-Tc-99
-99.73 To 980.5 %

