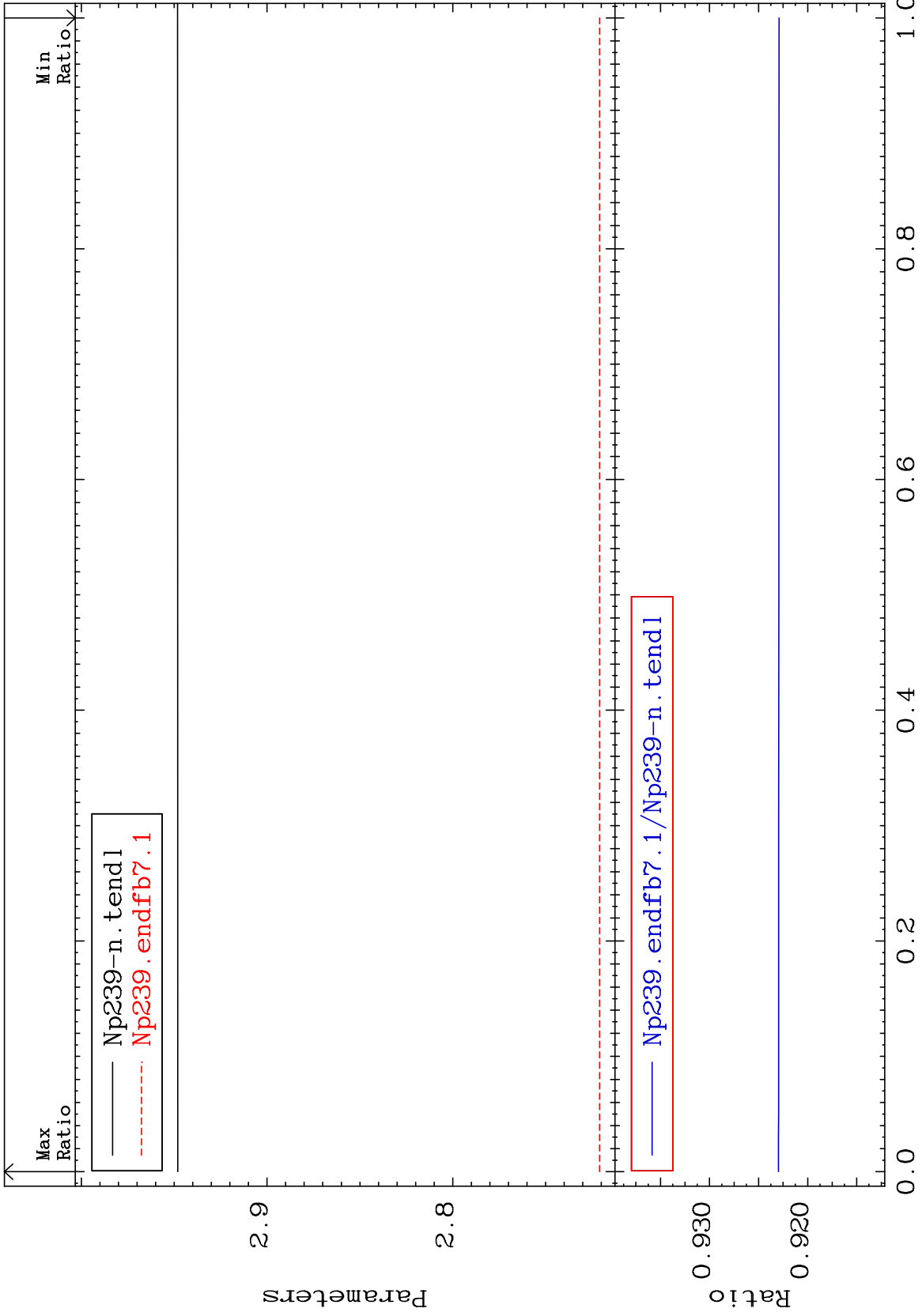


MAT 9352

Total $\bar{\nu}$
Parameters

93-Np-239
-7.708 To -7.703%



1

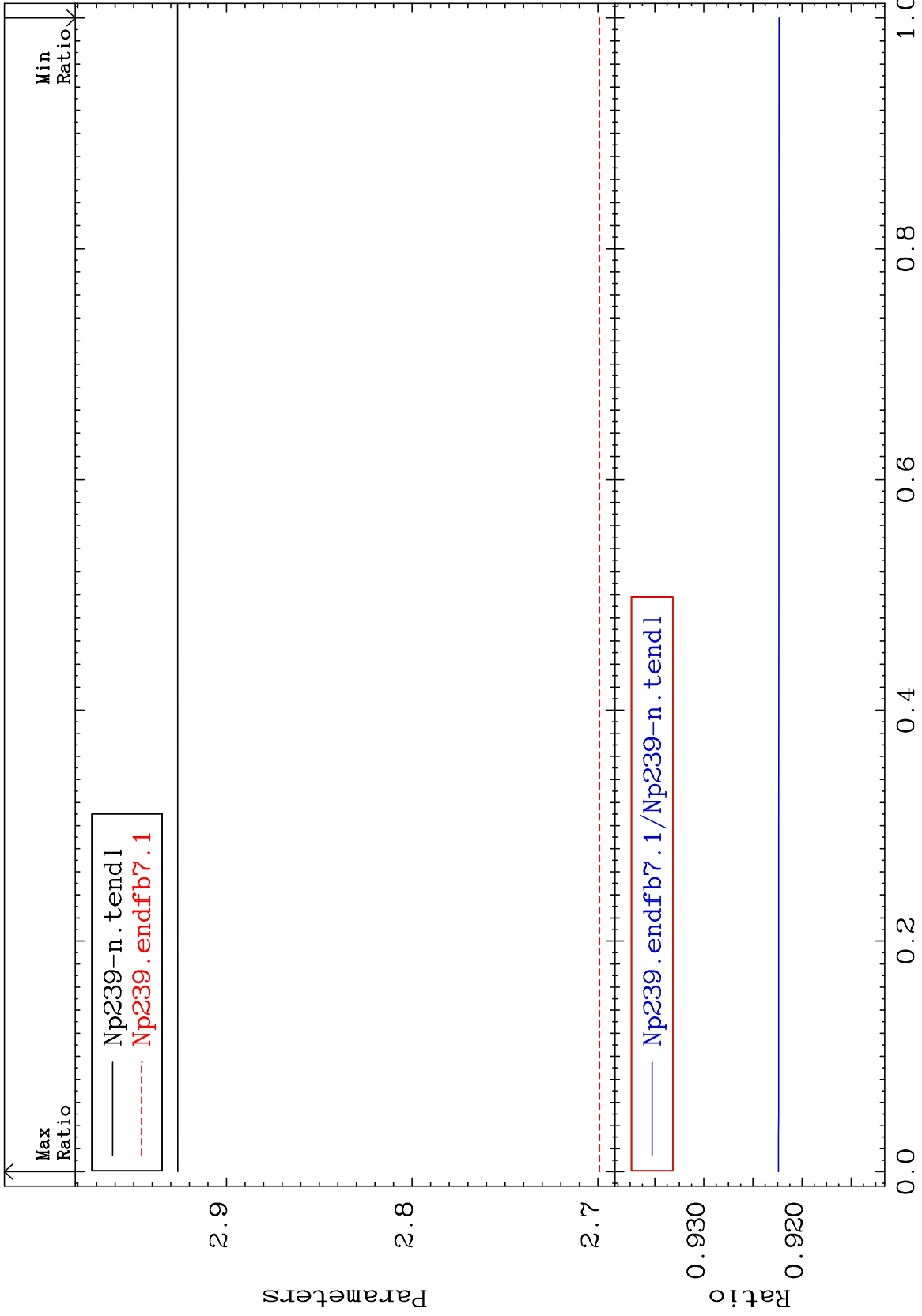
Incident Energy (KeV)

93-Np-239

MAT 9352

Prompt $\bar{\nu}$
Parameters

93-Np-239
-7.766 To -7.761%



2

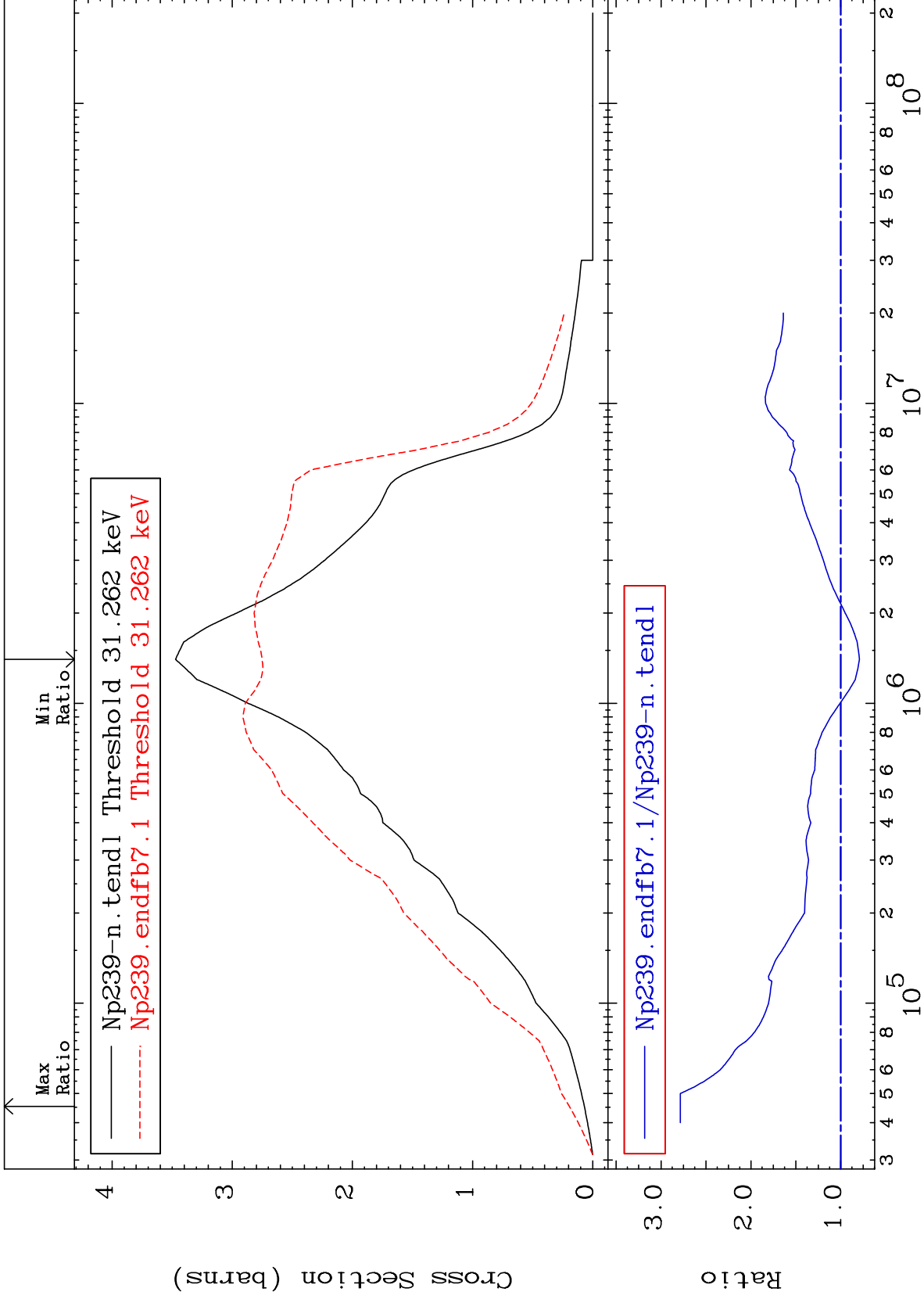
Incident Energy (KeV)

93-Np-239

MAT 9352

Inelastic
Cross Section

93-Np-239
-20.78 To 178.5 %



3

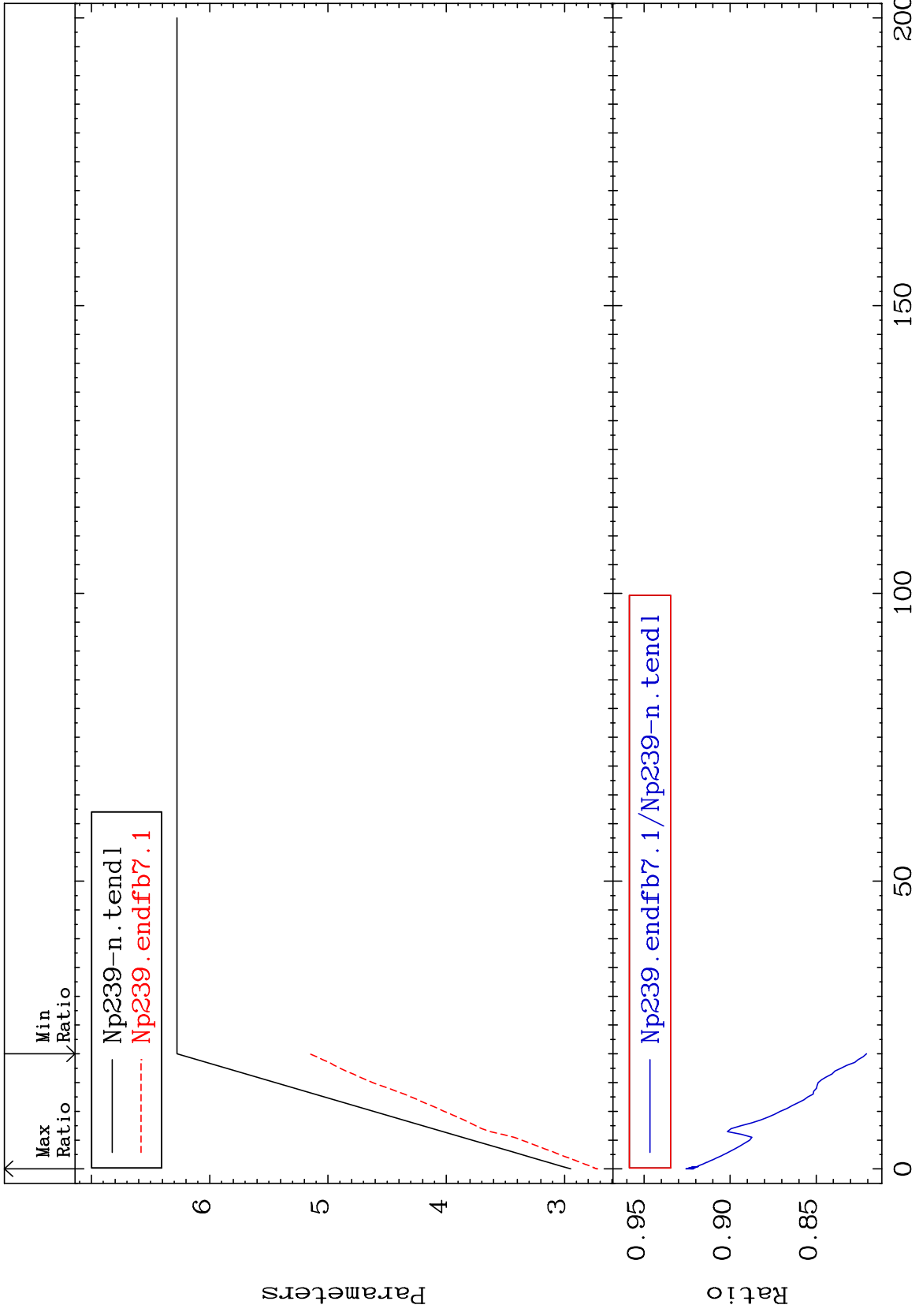
Incident Energy (eV)

93-Np-239

MAT 9352

Total $\bar{\nu}$
Parameters

93-Np-239
-17.93 To -7.433%



1

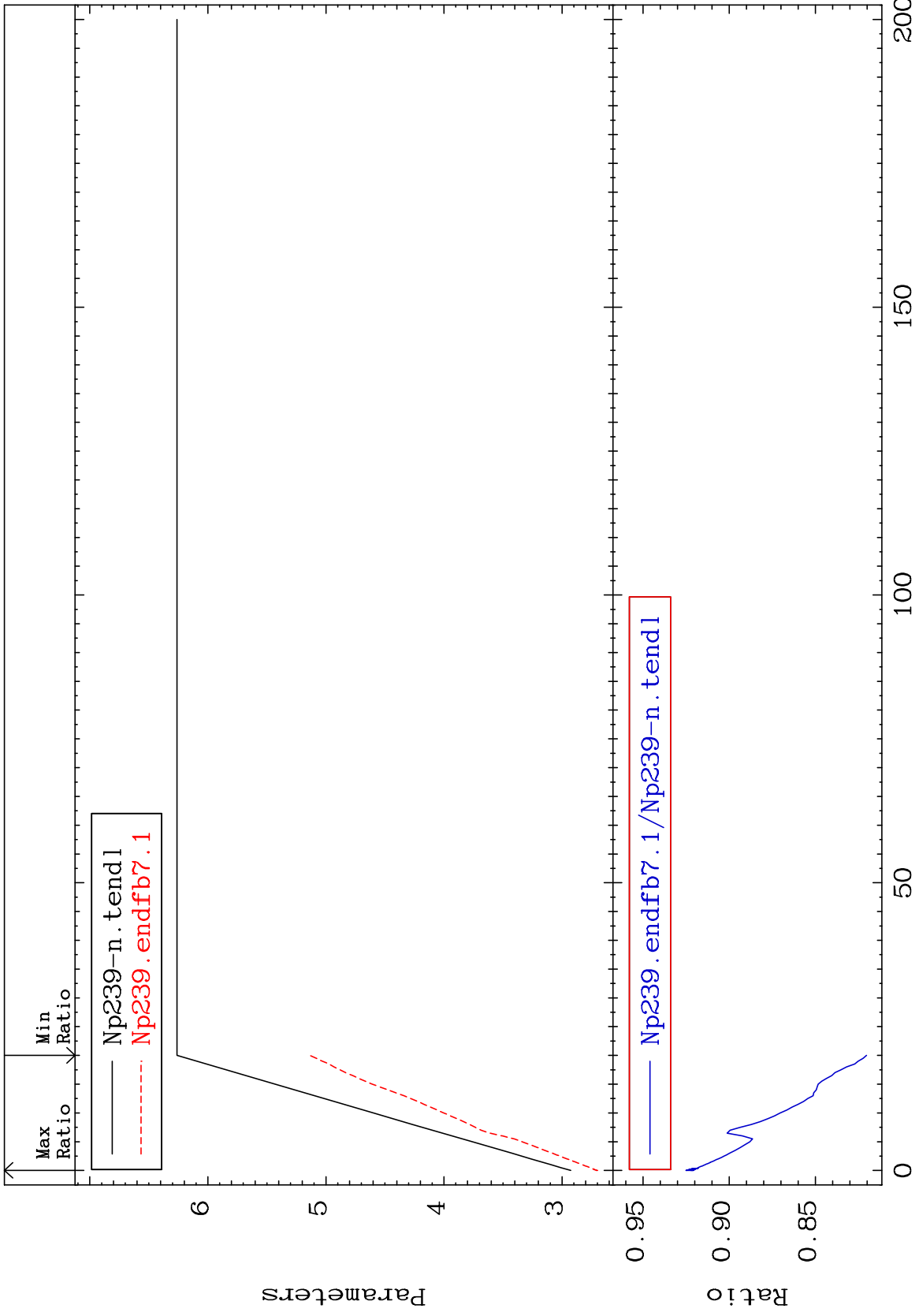
Incident Energy (MeV)

93-Np-239

MAT 9352

Prompt $\bar{\nu}$
Parameters

93-Np-239
-17.97 To -7.488%



Incident Energy (MeV)

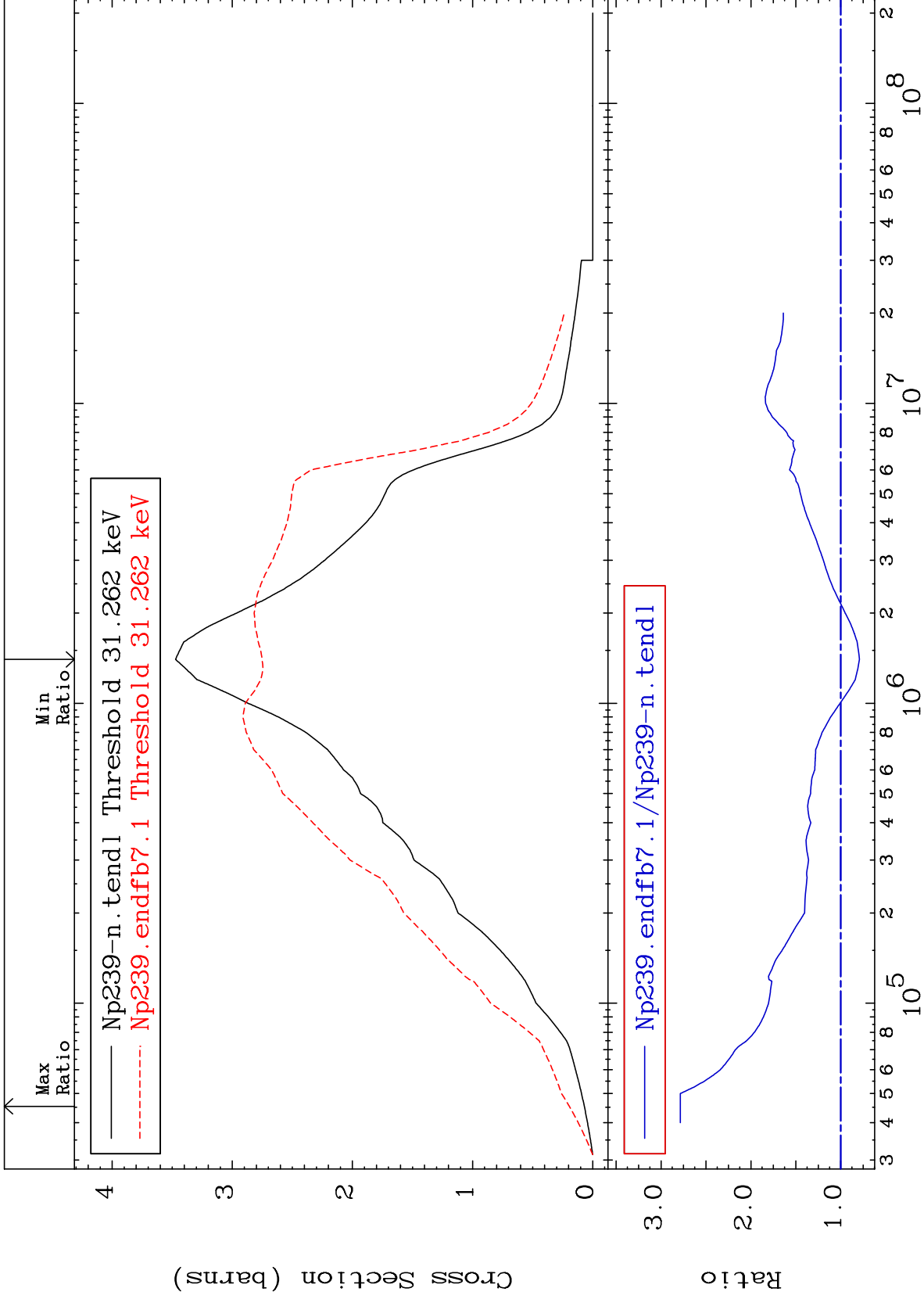
93-Np-239

2

MAT 9352

Inelastic
Cross Section

93-Np-239
-20.78 To 178.5 %



3

Incident Energy (eV)

93-Np-239

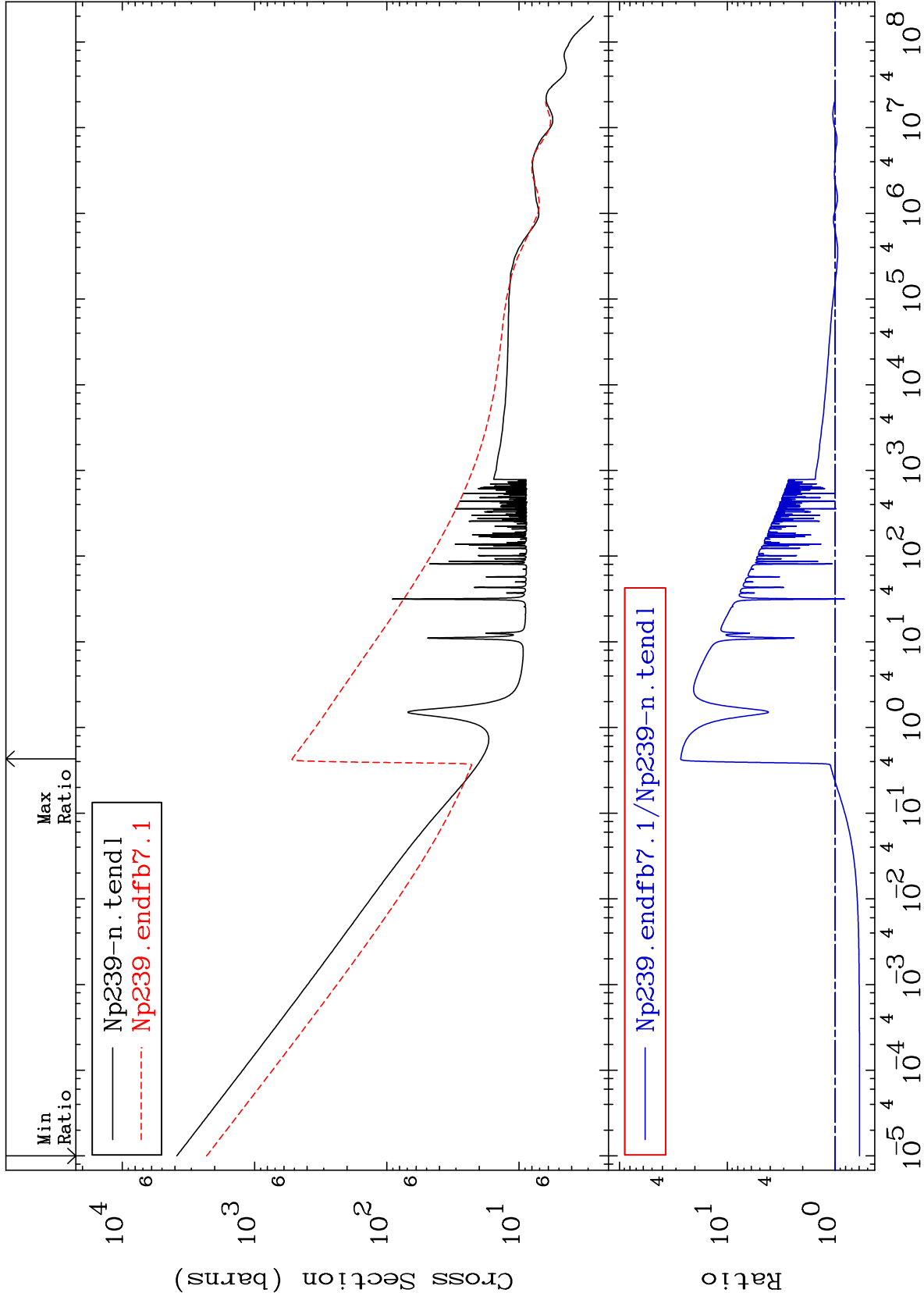
MAT 9352

Total

93-Np-239

Cross Section

-40.54 To 2600. %



93-Np-239

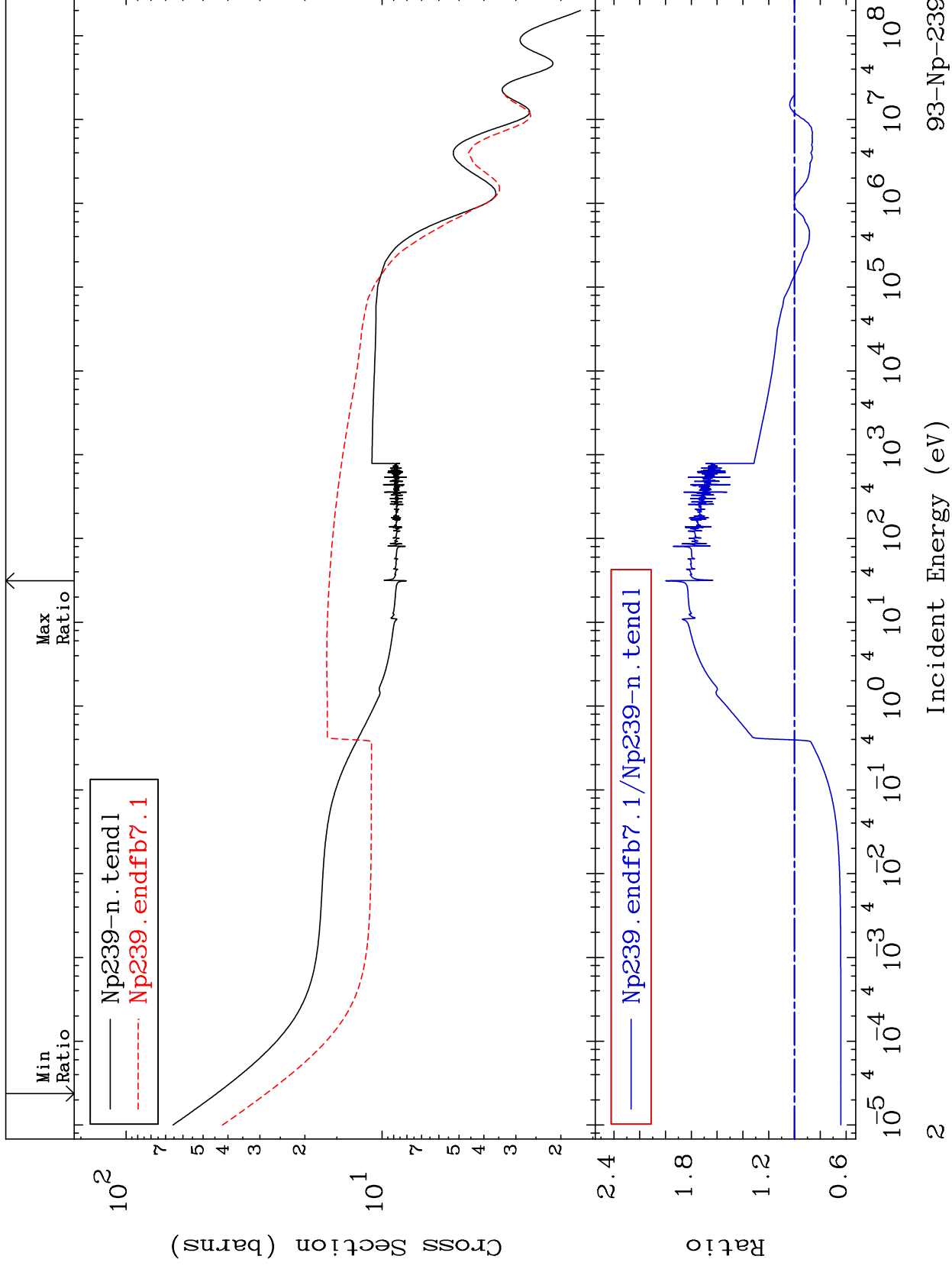
MAT 9352

Elastic

93-Np-239

Cross Section

-35.97 To 99.63 %

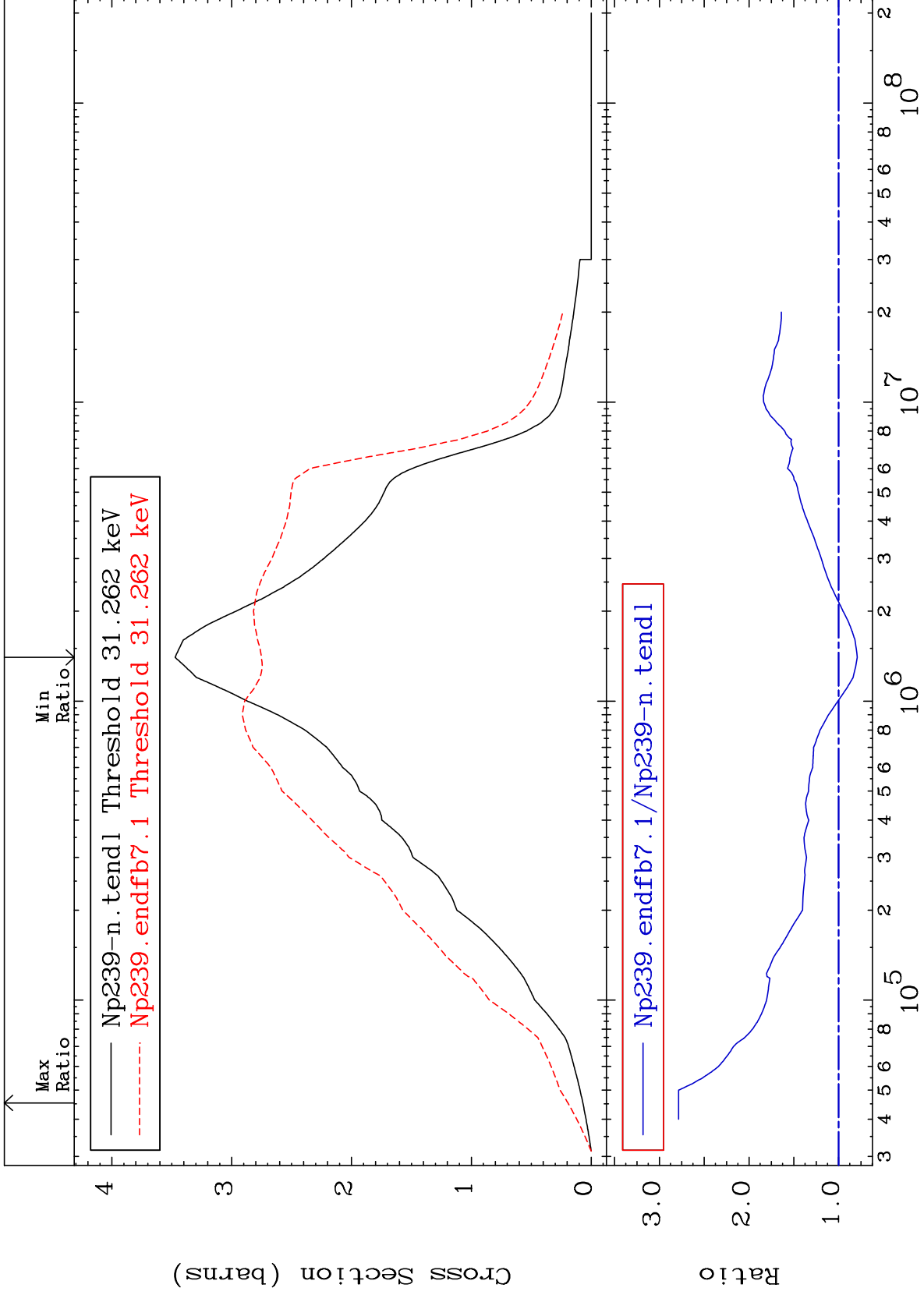


93-Np-239

MAT 9352

Inelastic
Cross Section

93-Np-239
-20.78 To 178.5 %



3

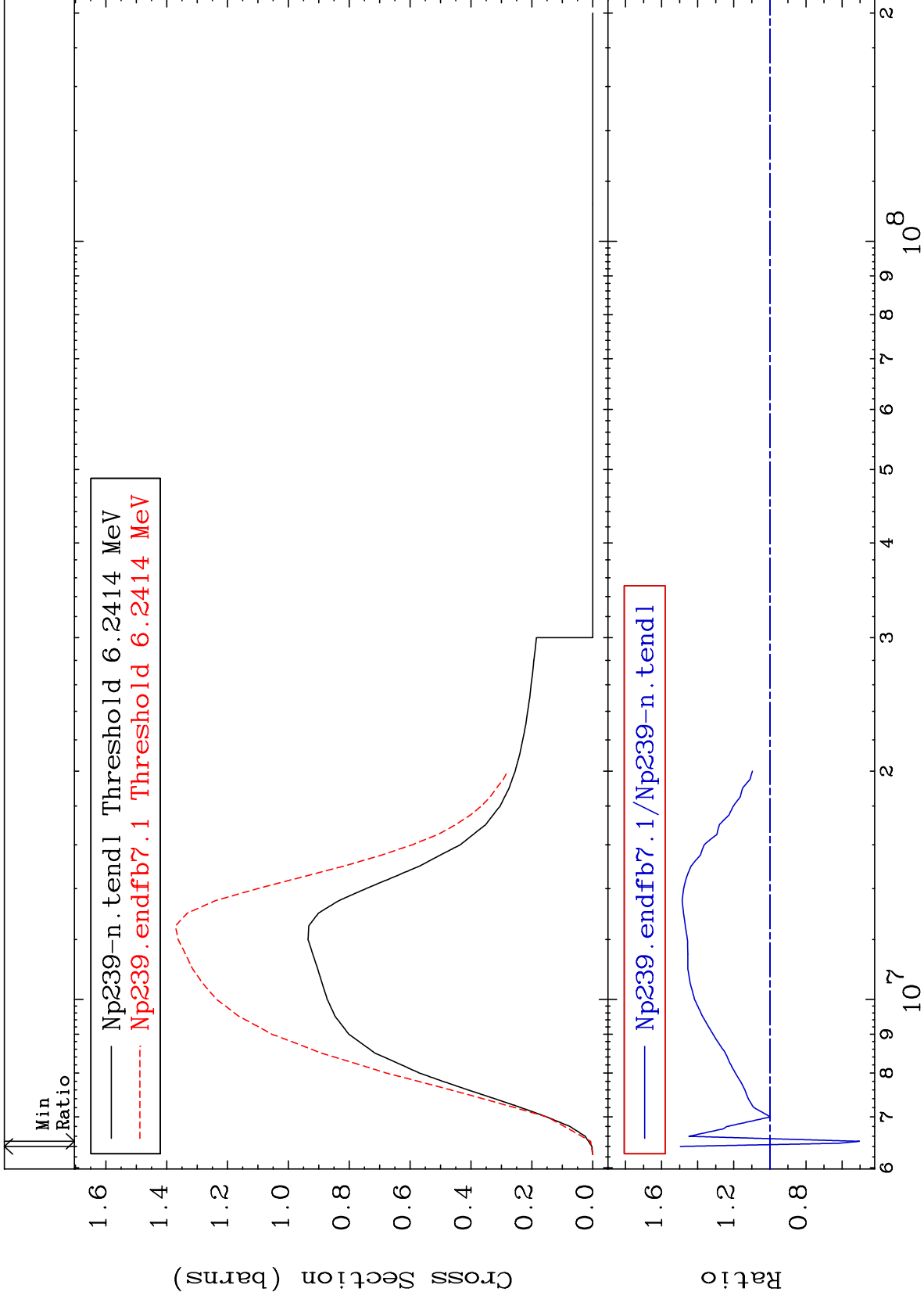
Incident Energy (eV)

93-Np-239

MAT 9352

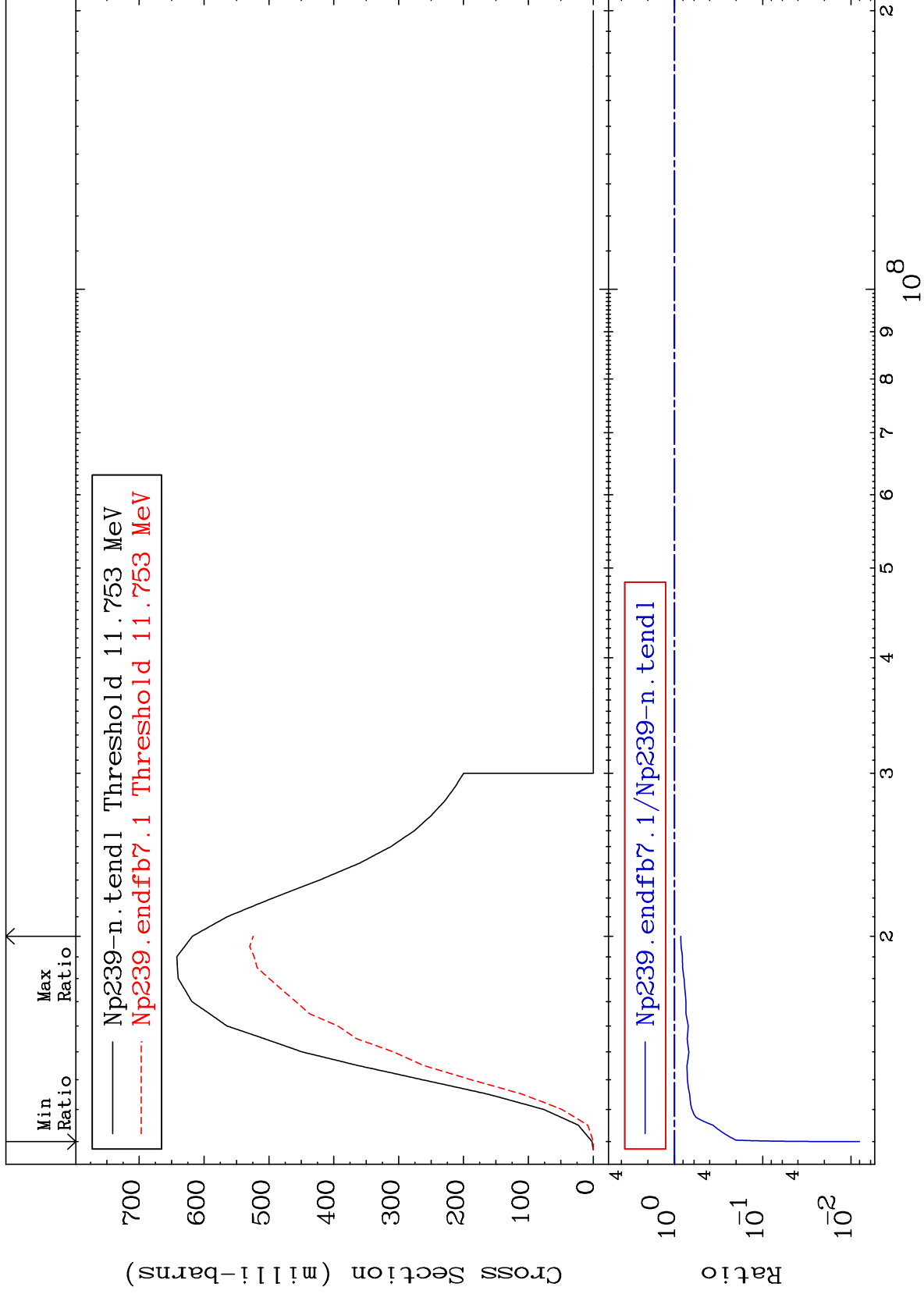
(n,2n)
Cross Section

93-Np-239
-49.60 To 49.60 %



Cross Section

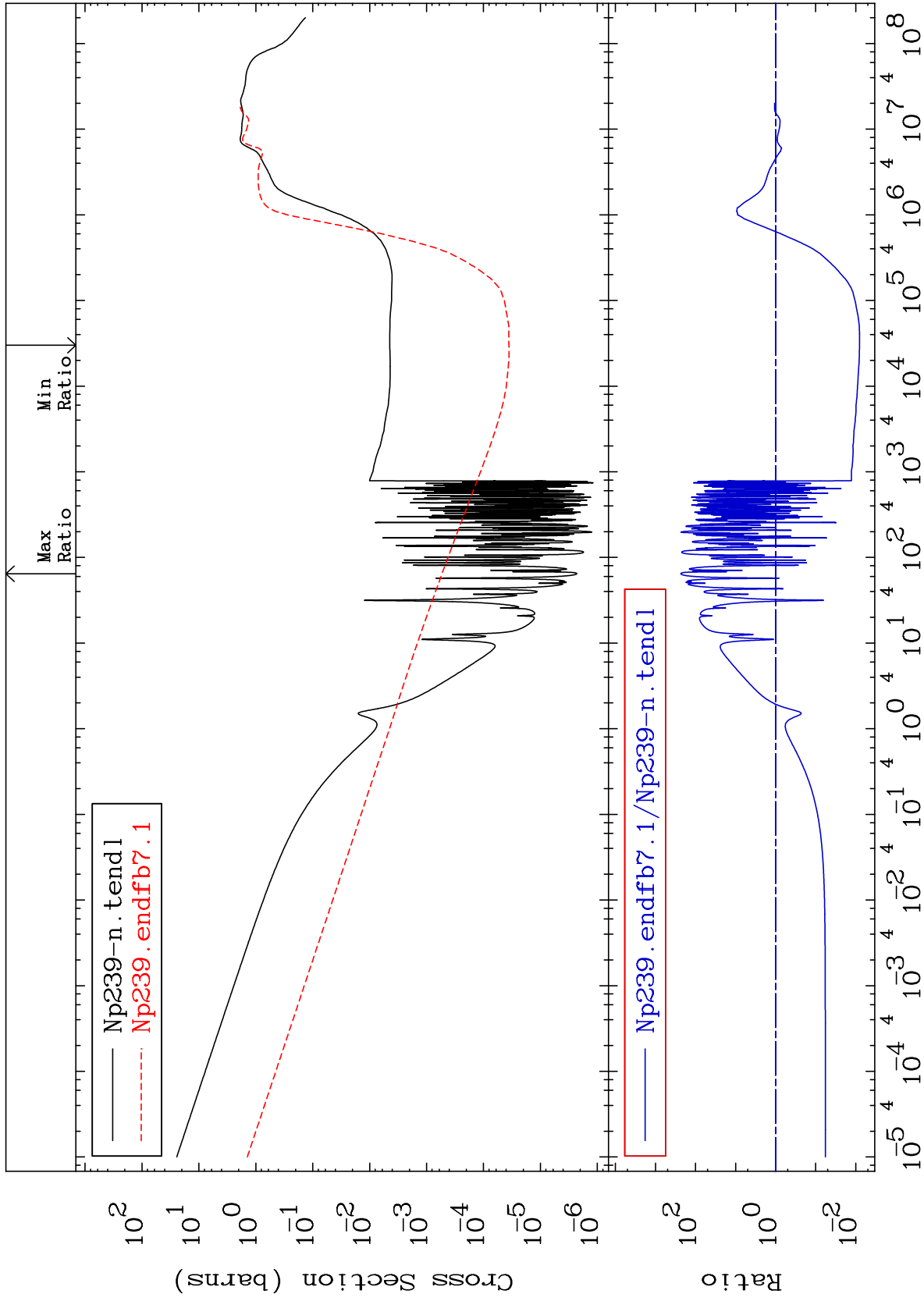
-99.20 To -15.15%



MAT 9352

Fission
Cross Section

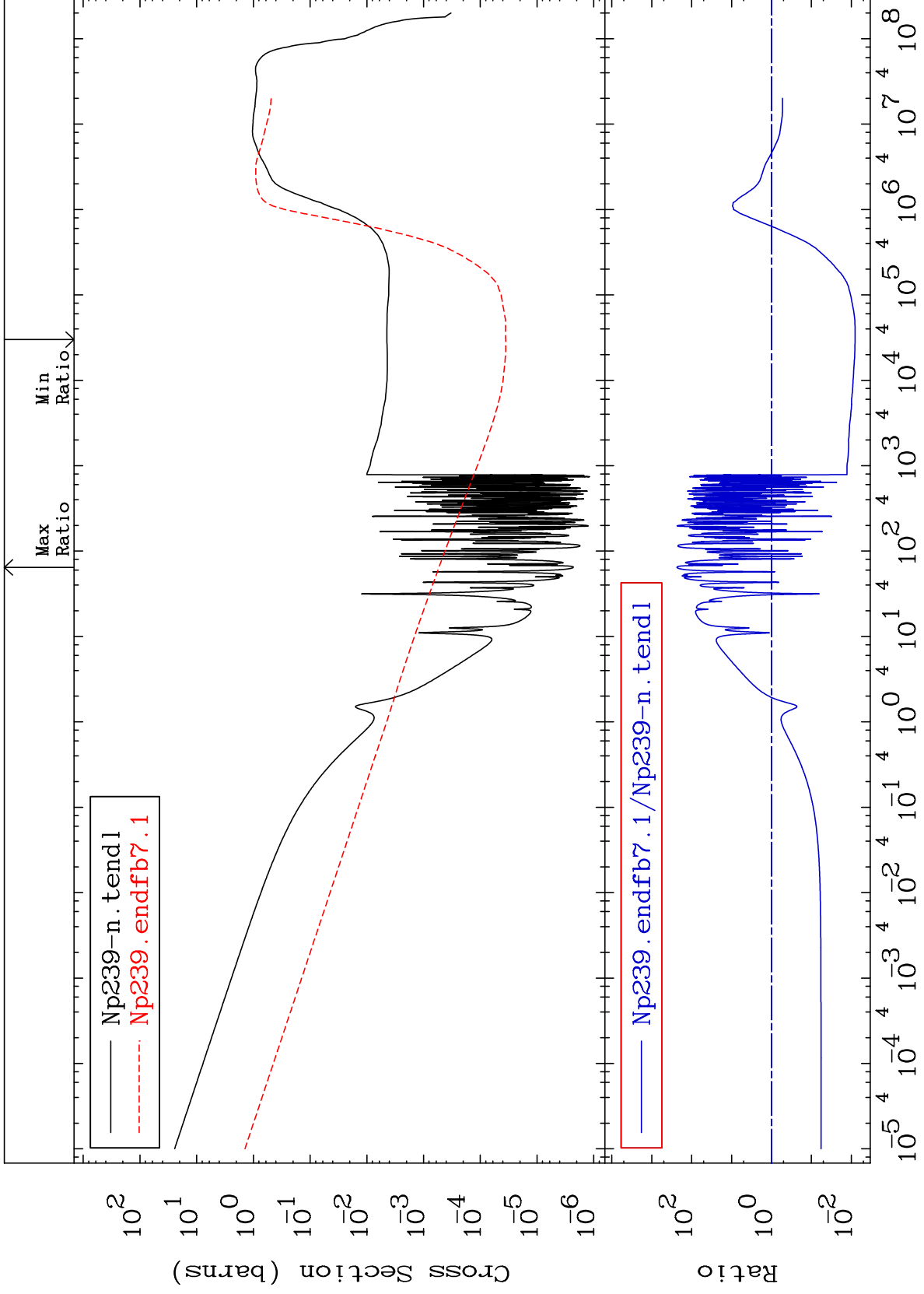
93-Np-239
-99.20 To 9999. %



MAT 9352

(n,f) First Chance
Cross Section

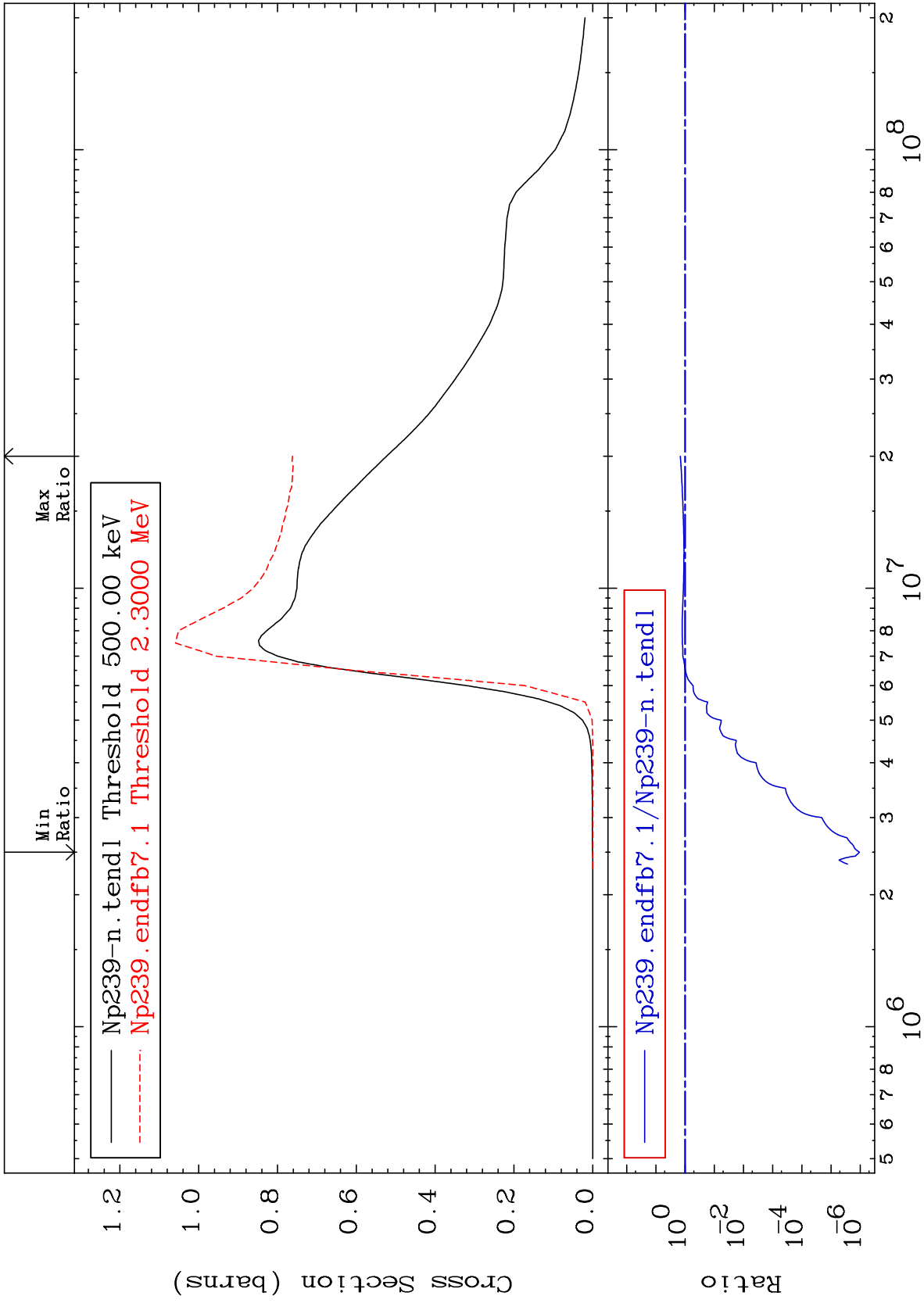
93-Np-239
-99.20 To 9999. %



7

Incident Energy (eV)

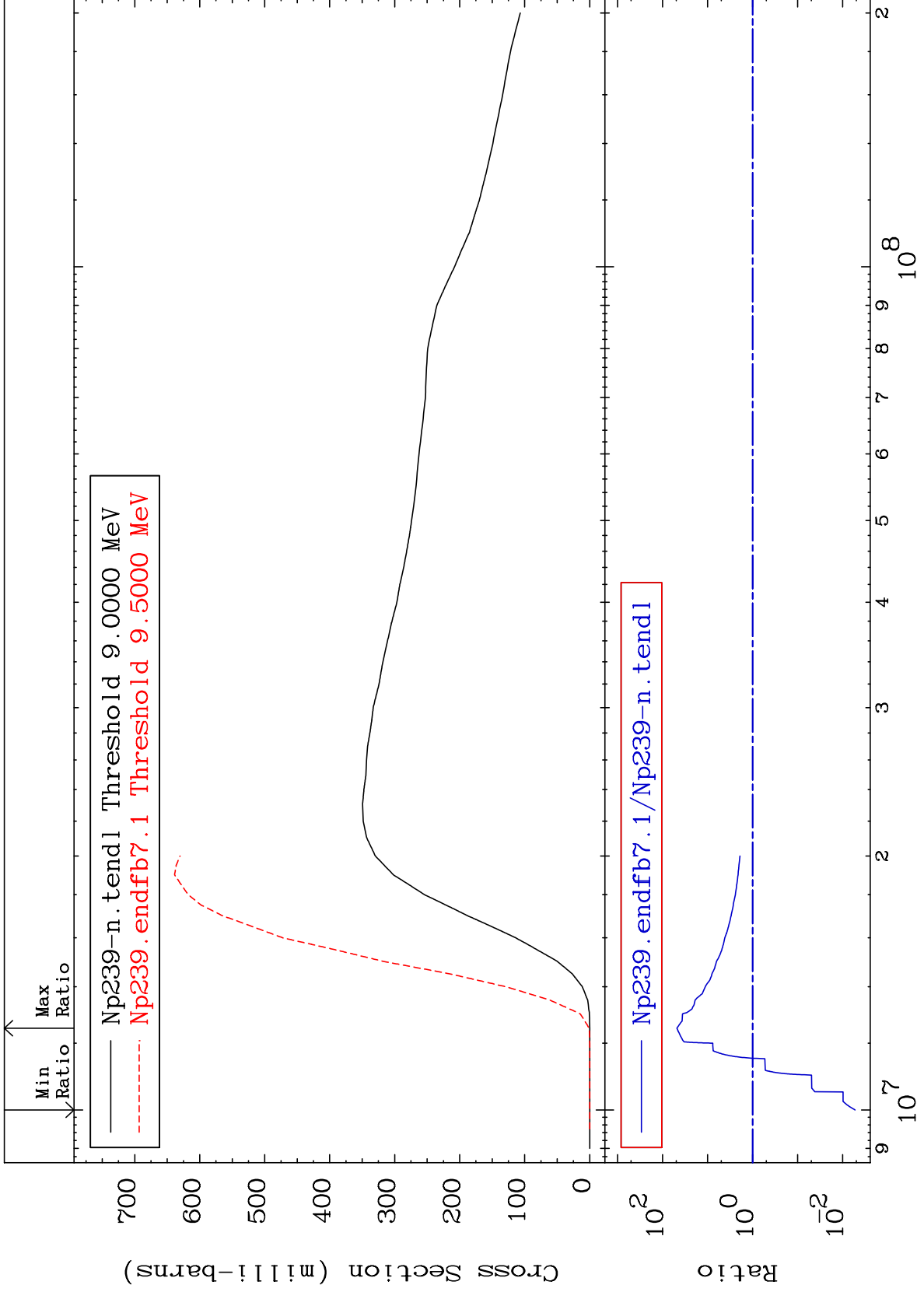
93-Np-239



MAT 9352

(n,2nf) Third Chance
Cross Section

93-Np-239
-99.47 To 4707. %



9

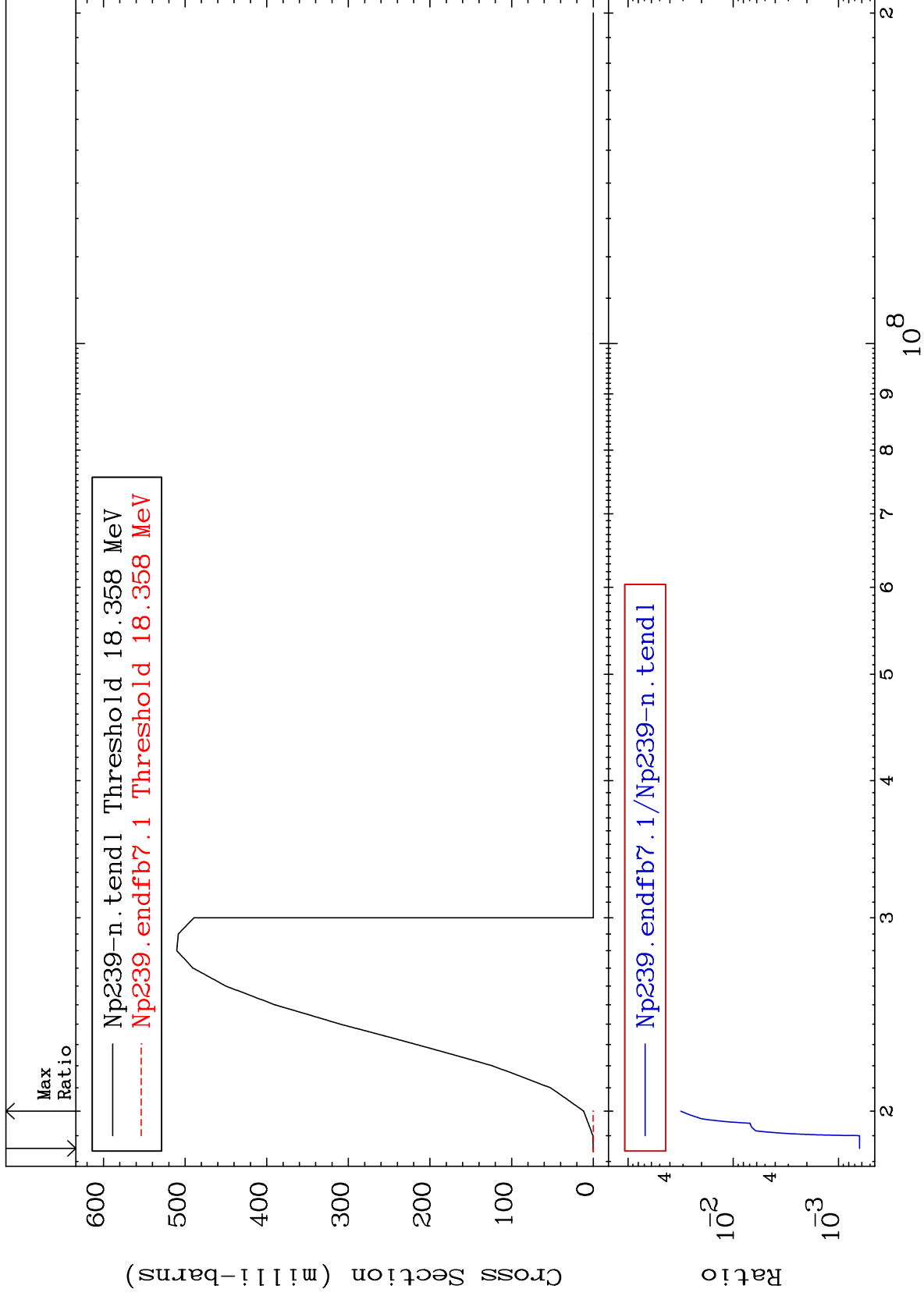
Incident Energy (eV)

93-Np-239

MAT 9352

(n,4n)
Cross Section

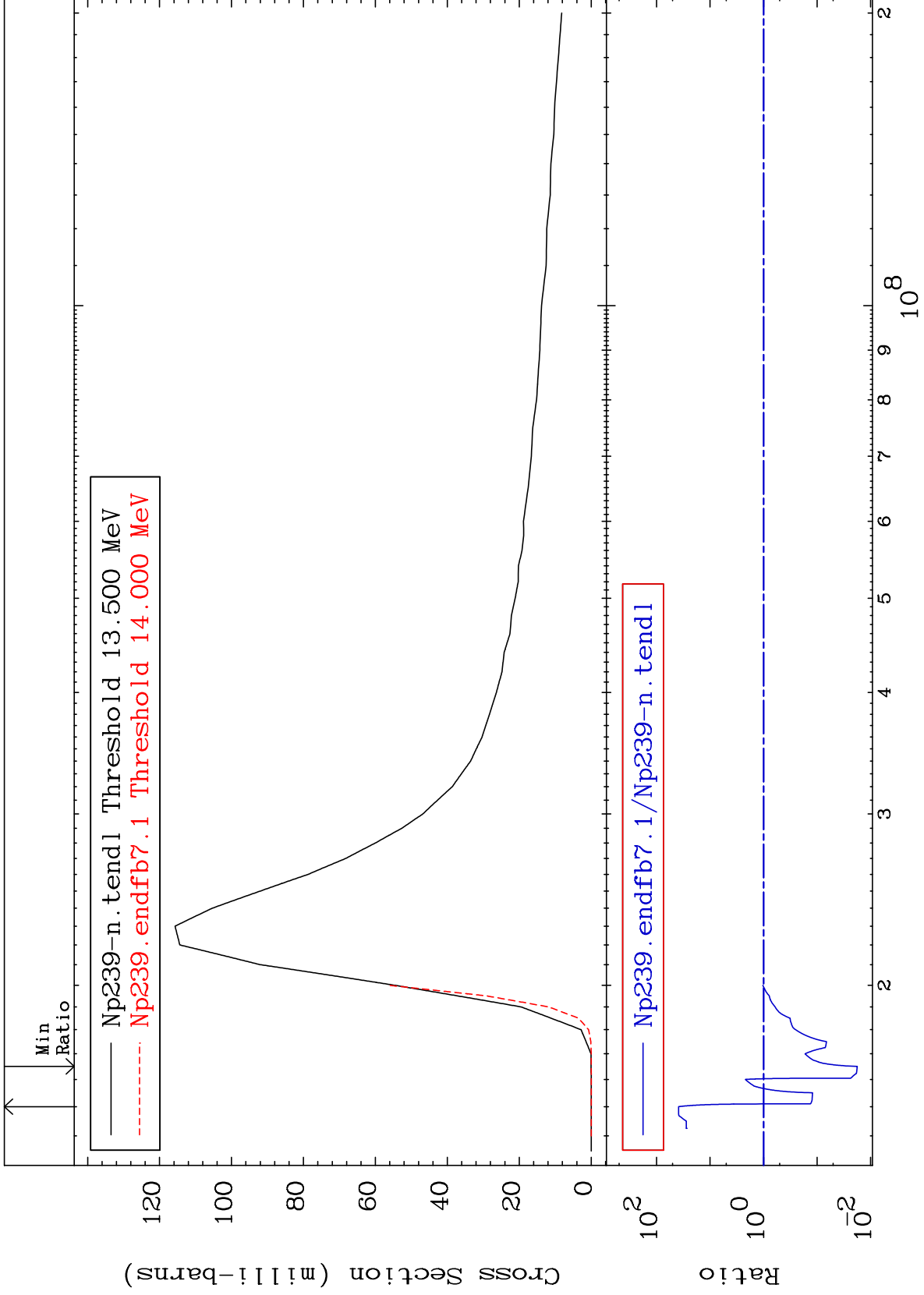
93-Np-239
-99.94 To -96.84%



10

Incident Energy (eV)

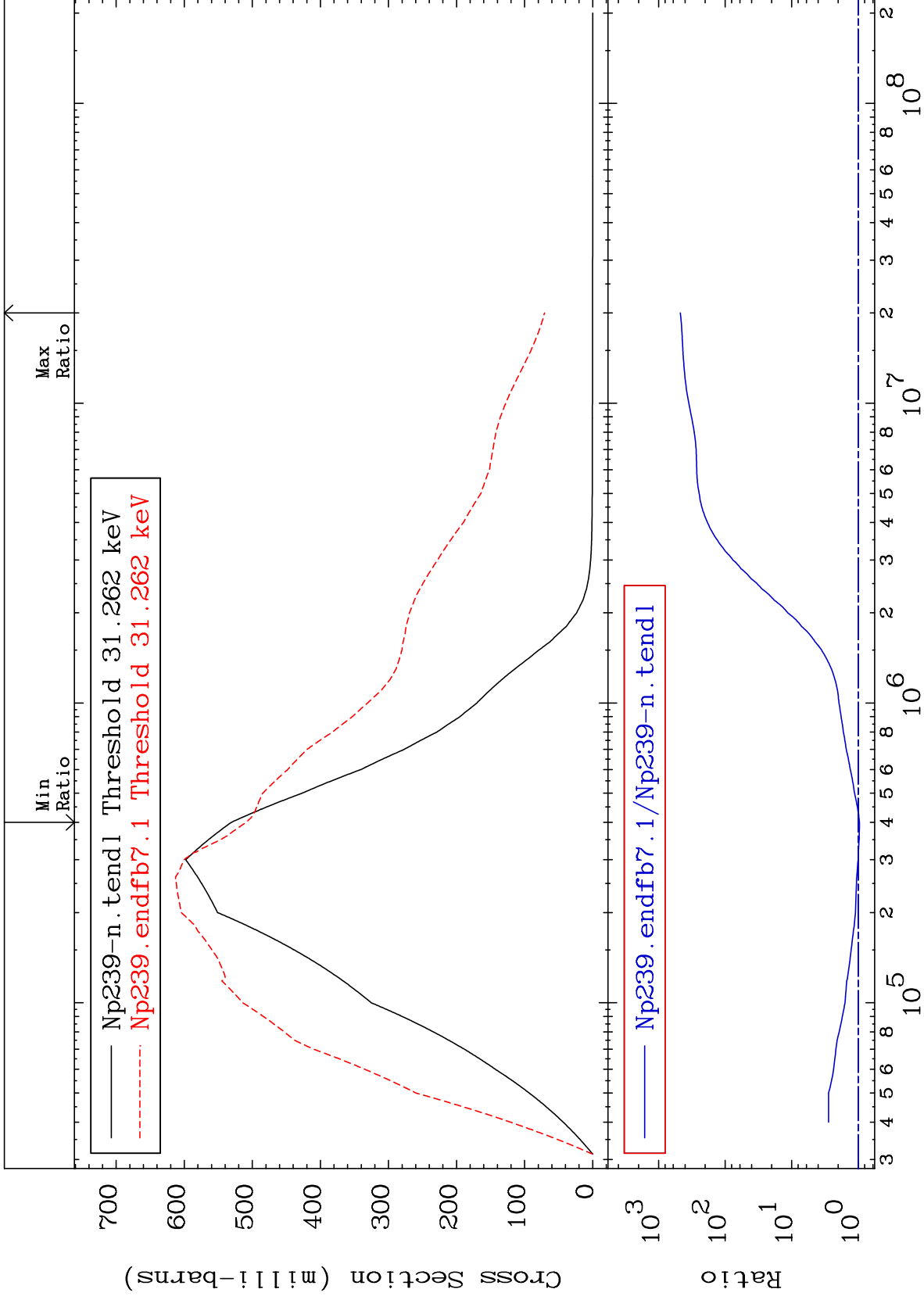
93-Np-239



MAT 9352

31.13 keV (n,n') Level
Cross Section

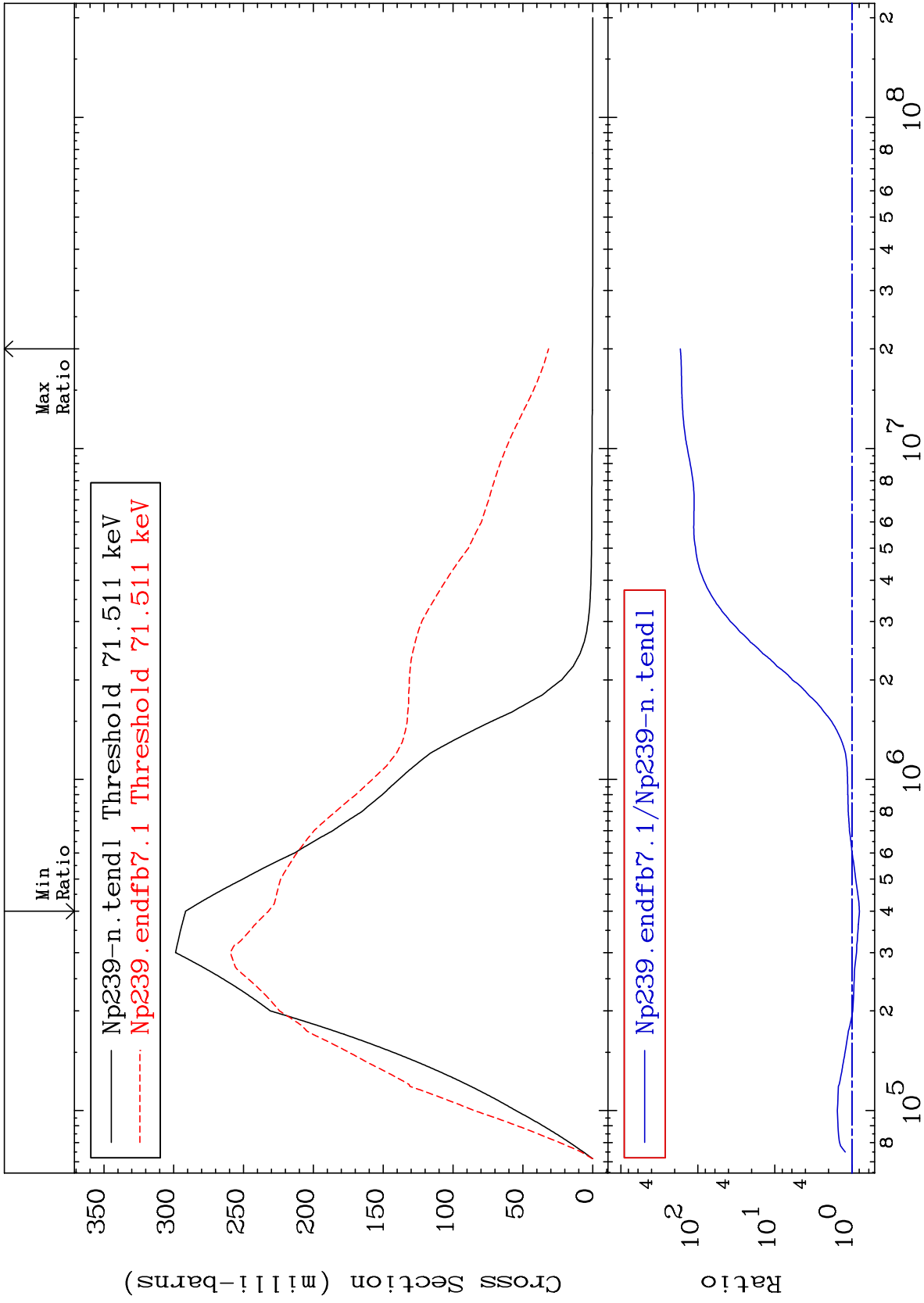
93-Np-239
-4.106 To 9999. %



MAT 9352

71.21 keV (n,n') Level
Cross Section

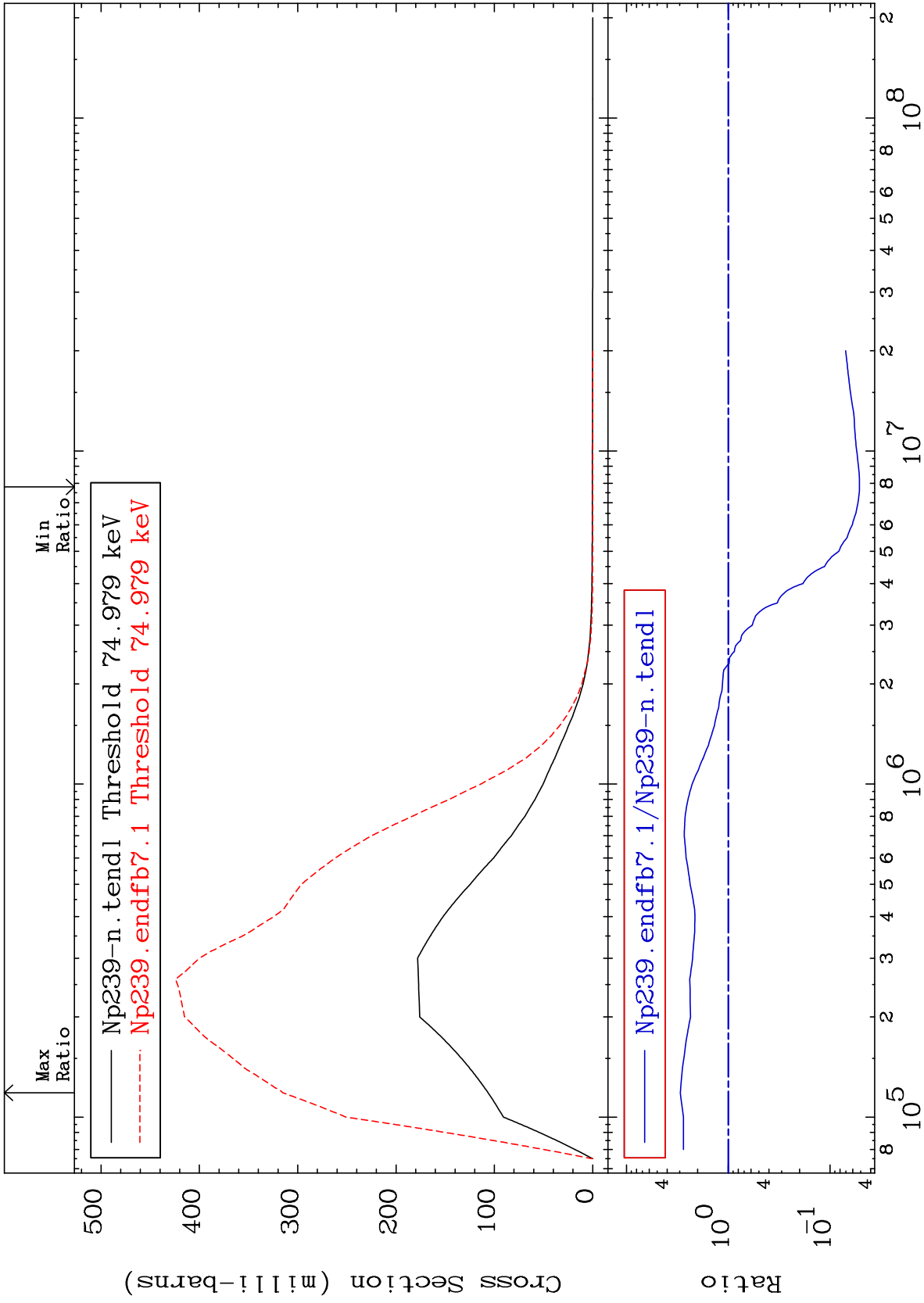
93-Np-239
-20.34 To 9999. %



MAT 9352

74.66 keV (n,n') Level
Cross Section

93-Np-239
-94.85 To 196.2 %



14

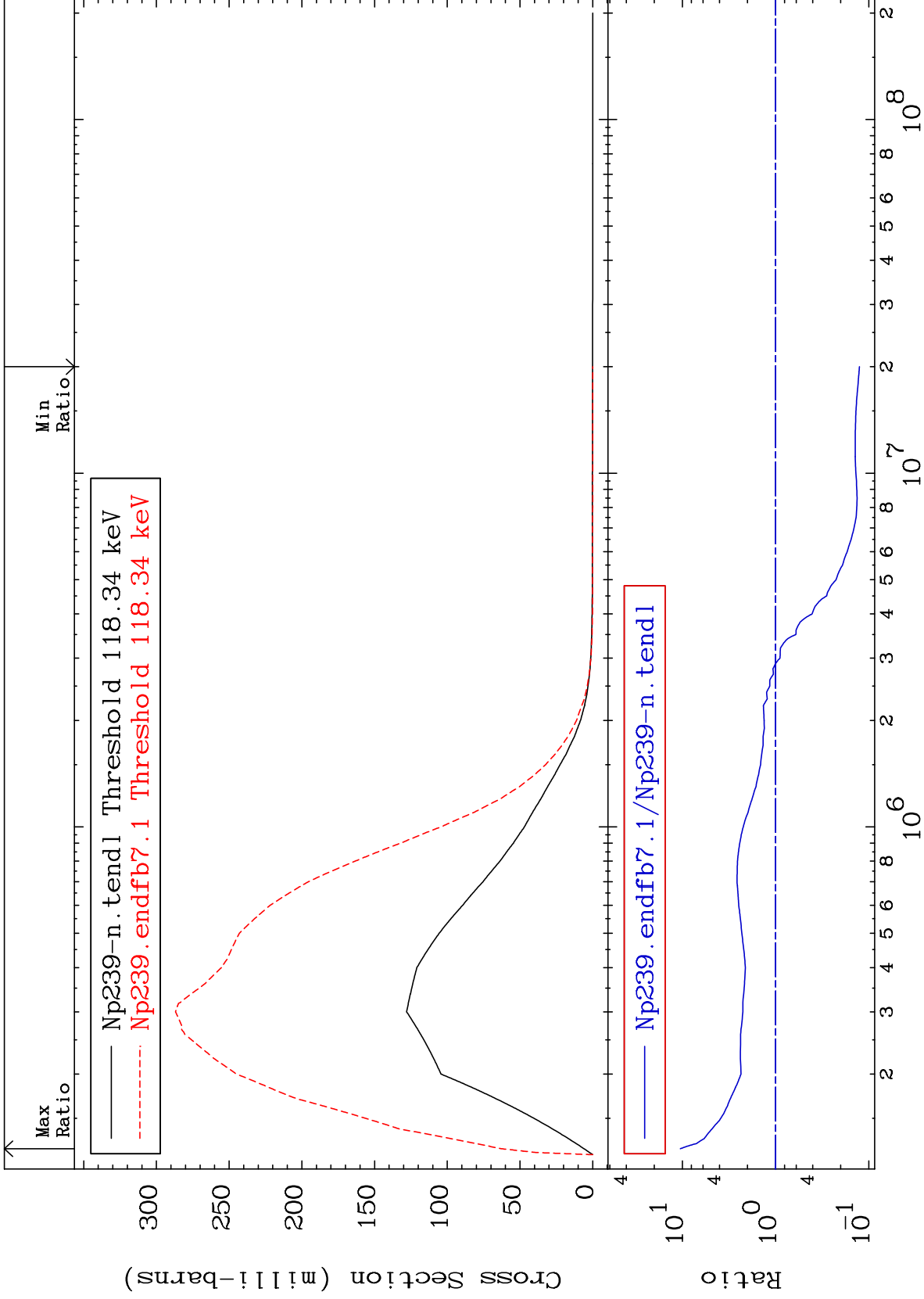
Incident Energy (eV)

93-Np-239

MAT 9352

117.8 keV (n,n') Level
Cross Section

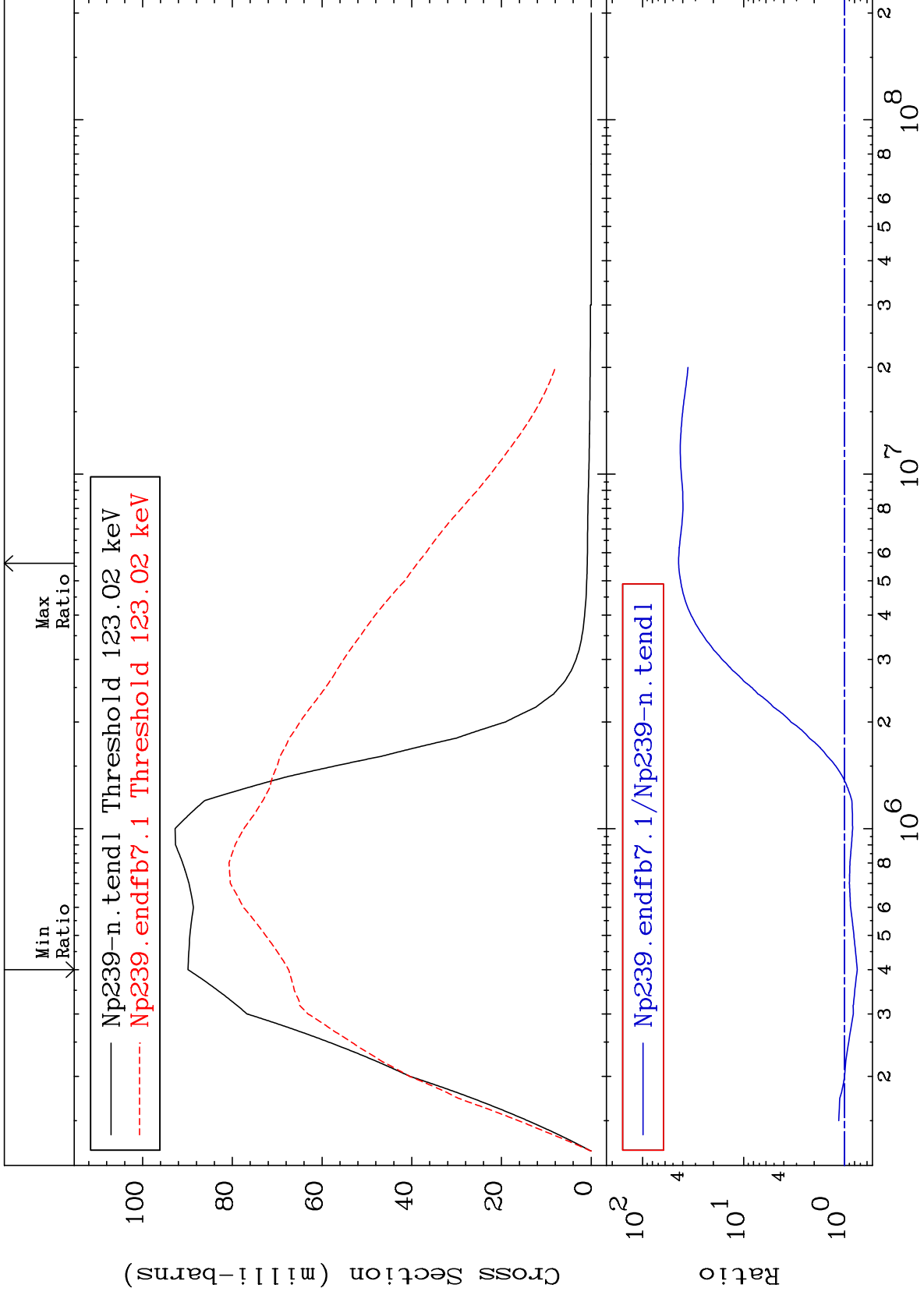
93-Np-239
-87.41 To 950.4 %



MAT 9352

122.5 keV (n,n') Level
Cross Section

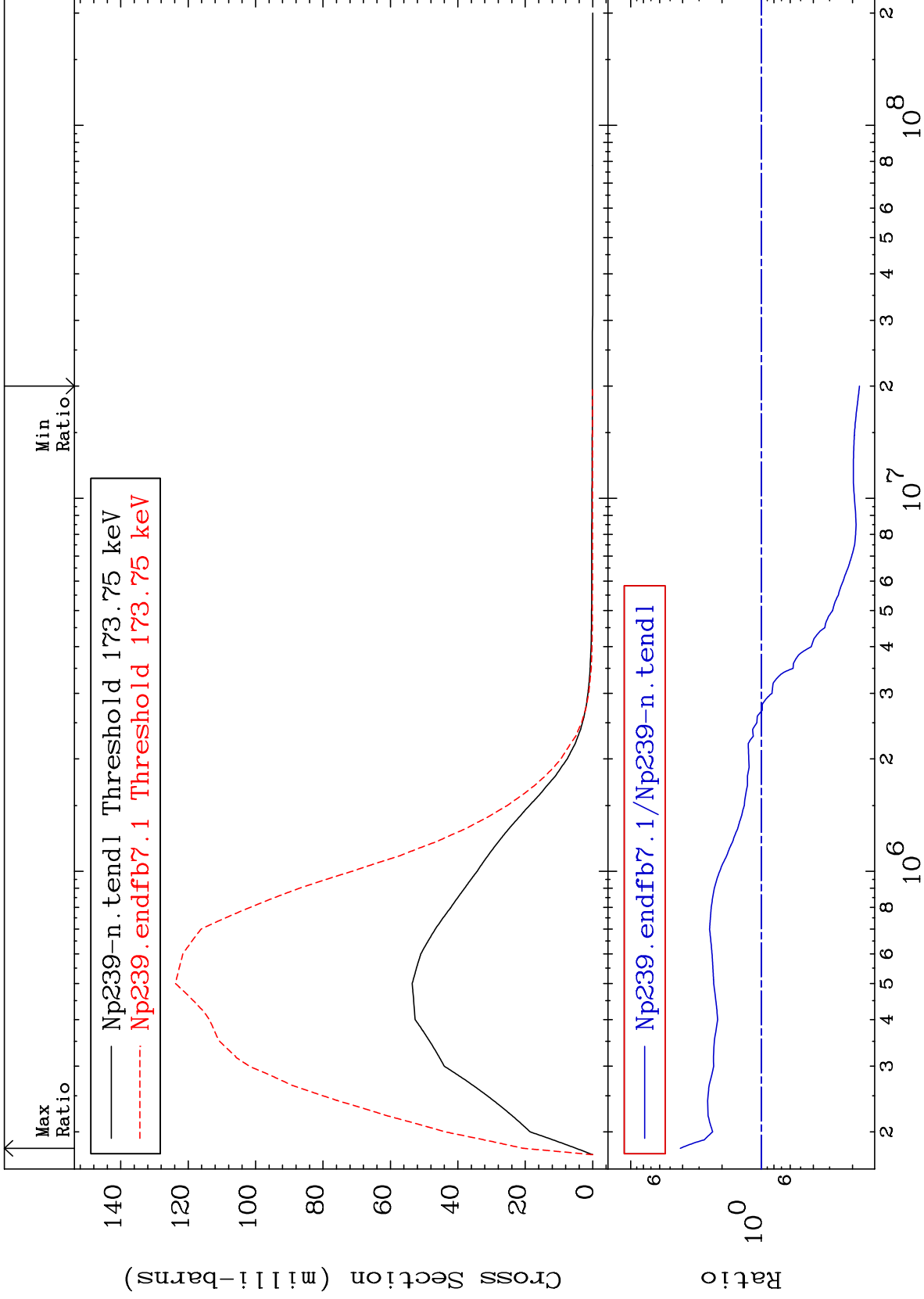
93-Np-239
-24.95 To 4299. %



MAT 9352

173.0 keV (n,n') Level
Cross Section

93-Np-239
-82.27 To 316.5 %



17

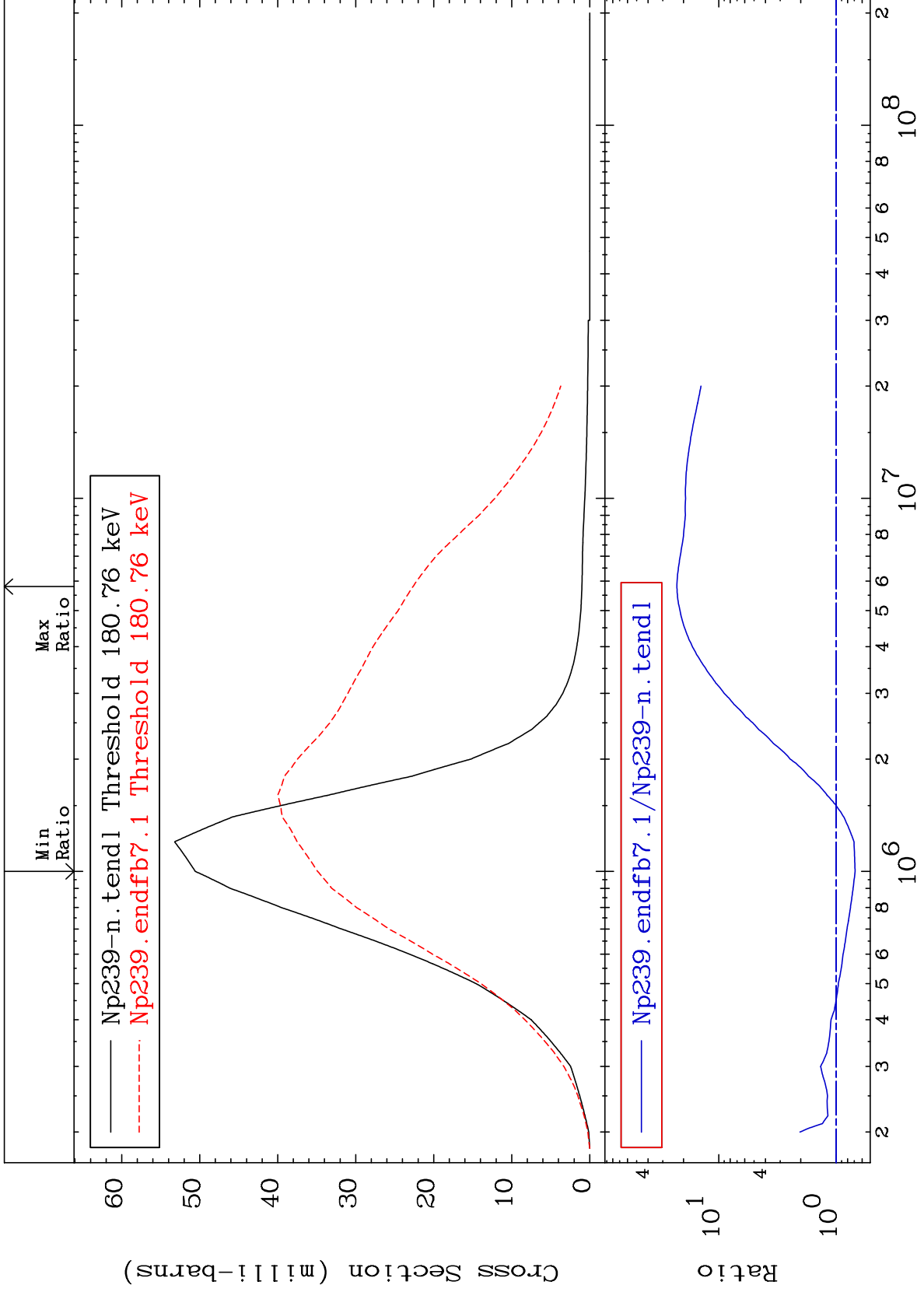
Incident Energy (eV)

93-Np-239

MAT 9352

180.0 keV (n,n') Level
Cross Section

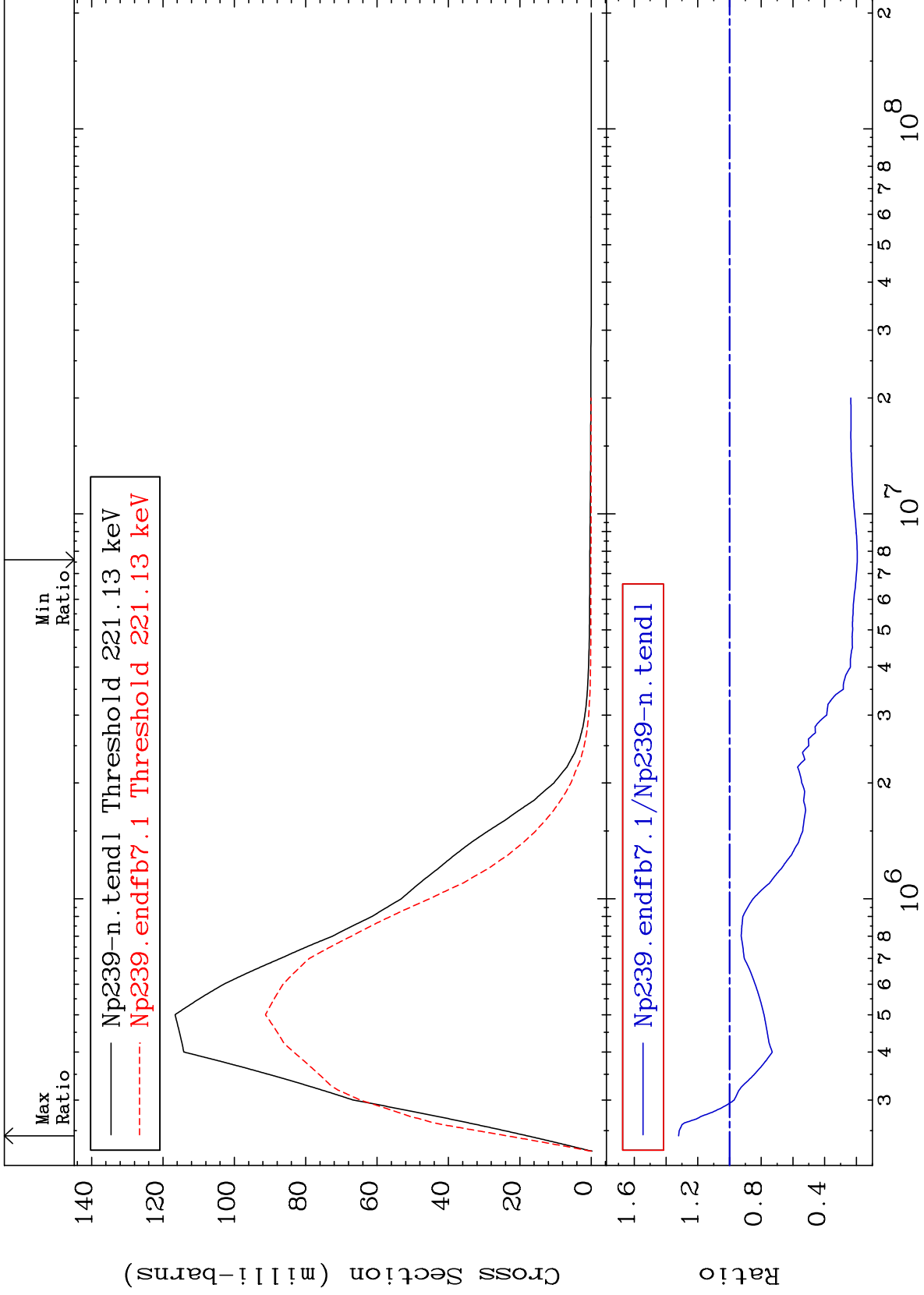
93-Np-239
-31.01 To 2172. %



MAT 9352

220.2 keV (n,n') Level
Cross Section

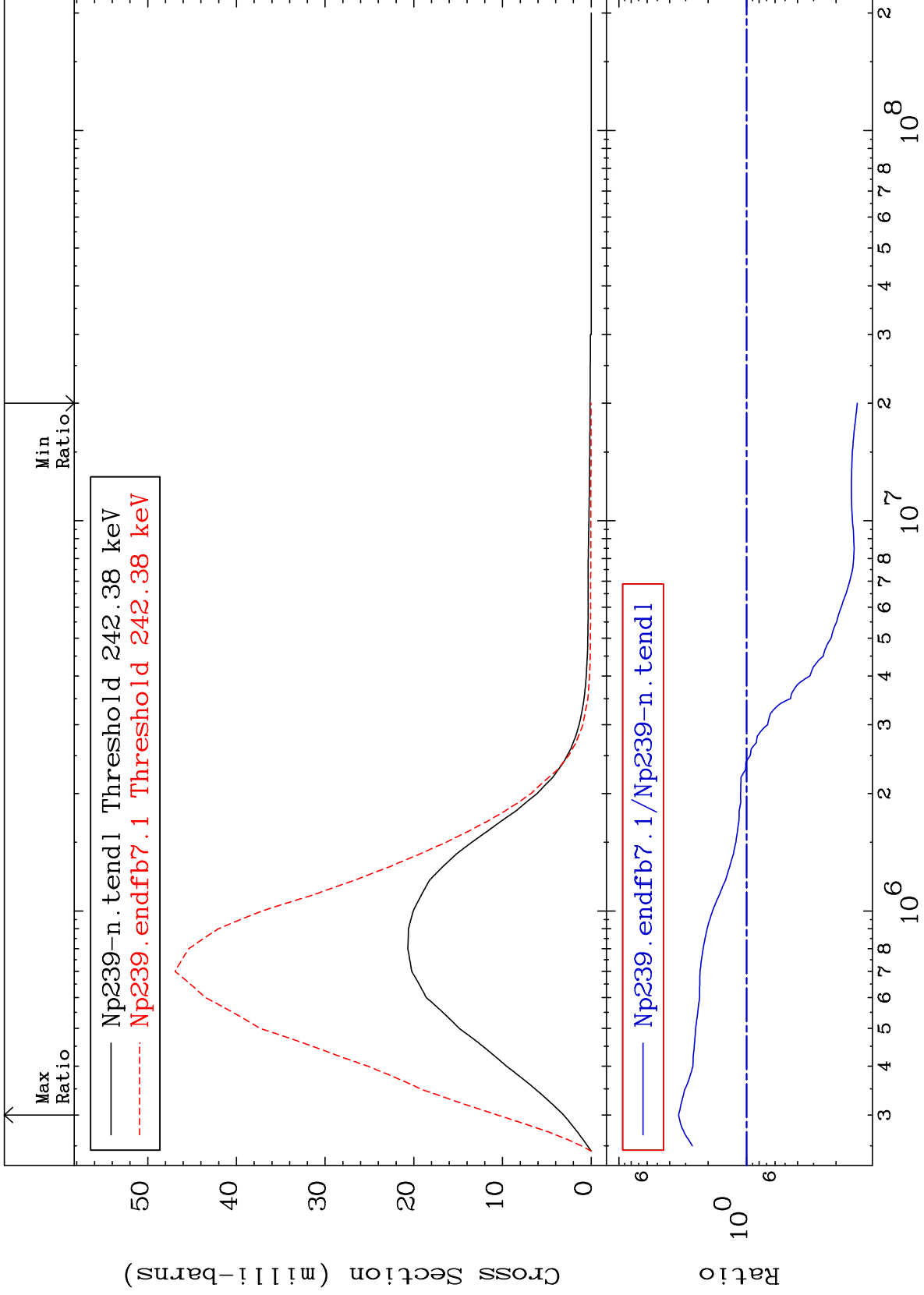
93-Np-239
-80.52 To 32.07 %



MAT 9352

241.4 keV (n,n') Level
Cross Section

93-Np-239
-86.35 To 240.6 %



20

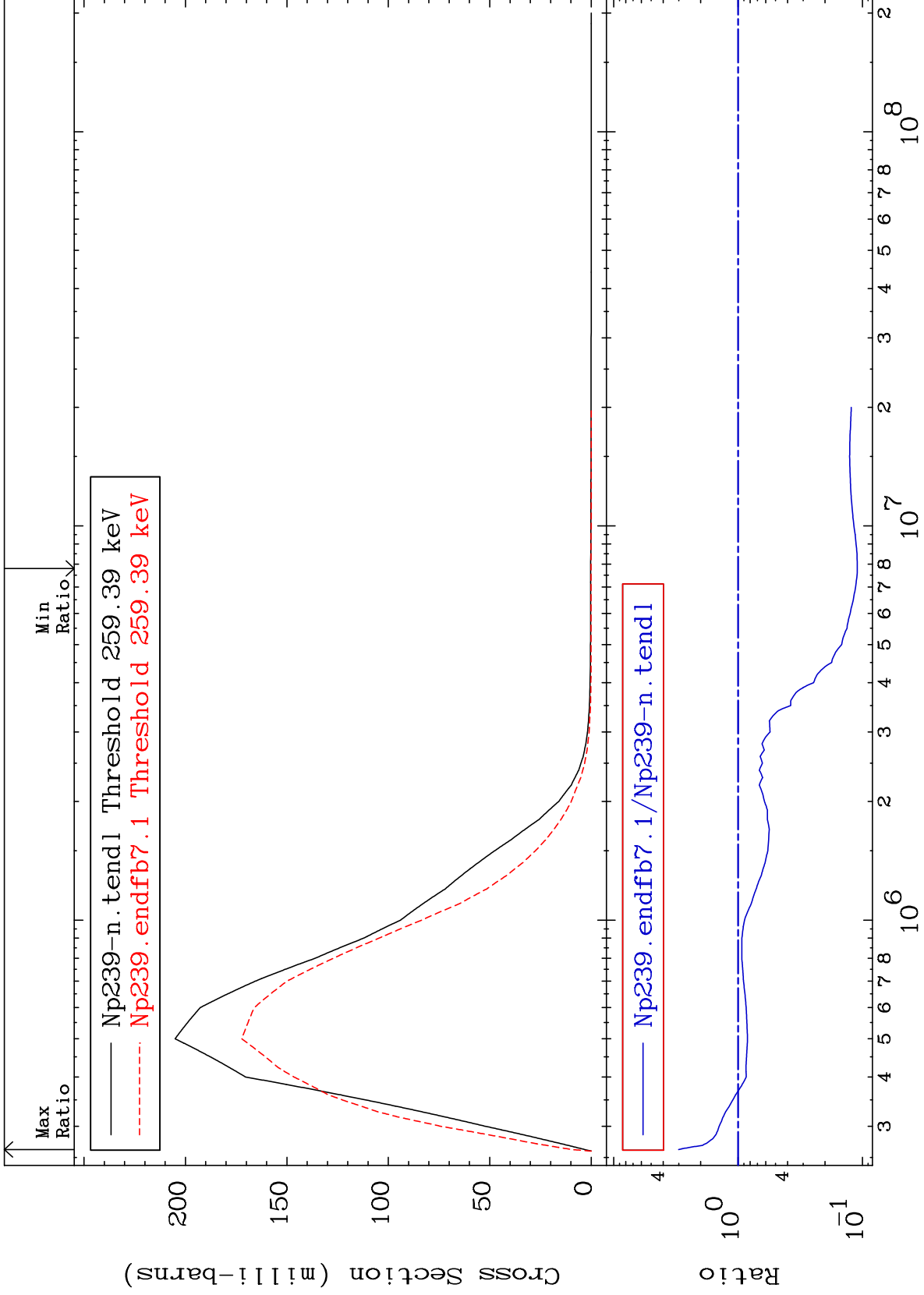
Incident Energy (eV)

93-Np-239

MAT 9352

258.3 keV (n,n') Level
Cross Section

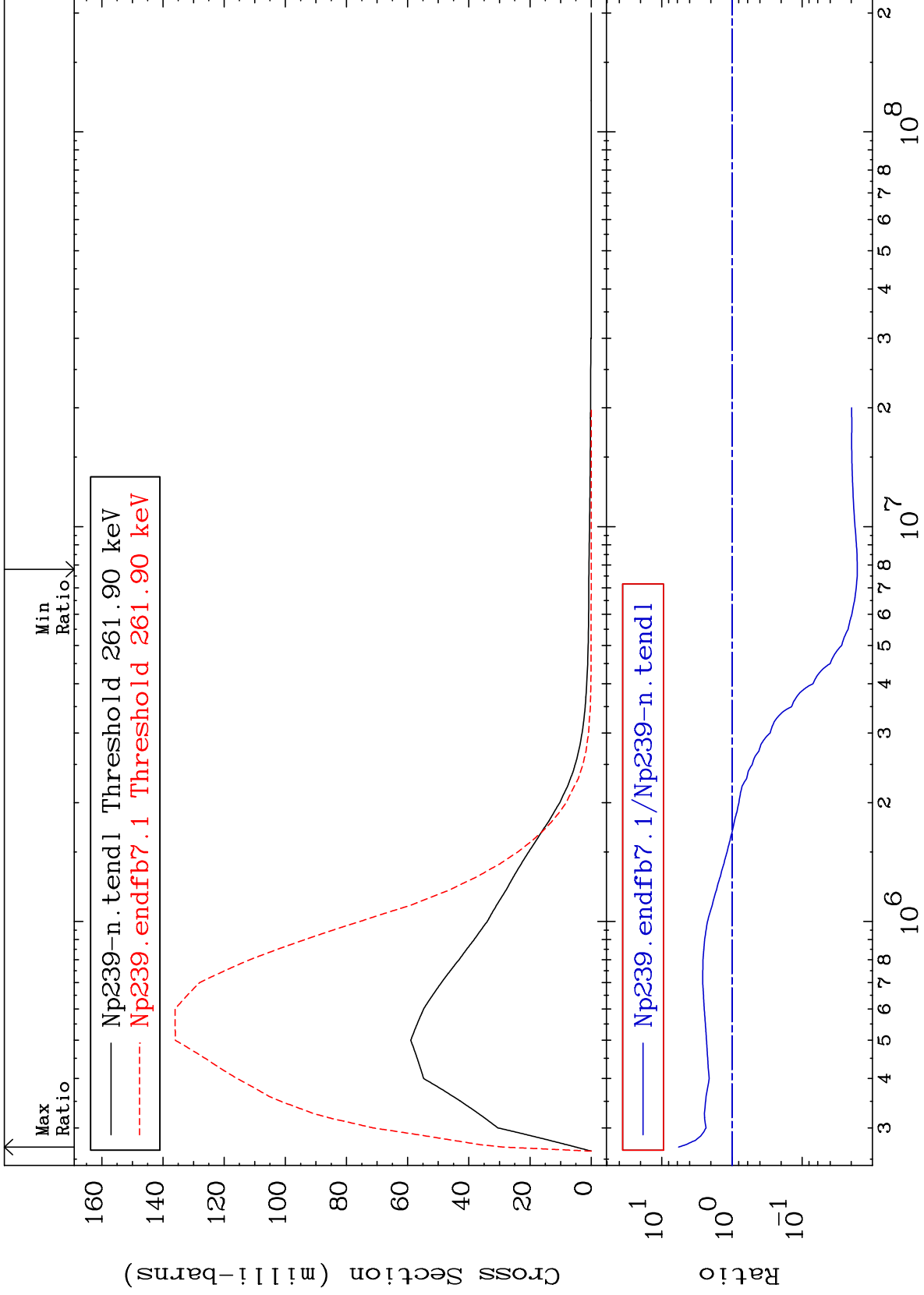
93-Np-239
-88.99 To 200.8 %



MAT 9352

260.8 keV (n,n') Level
Cross Section

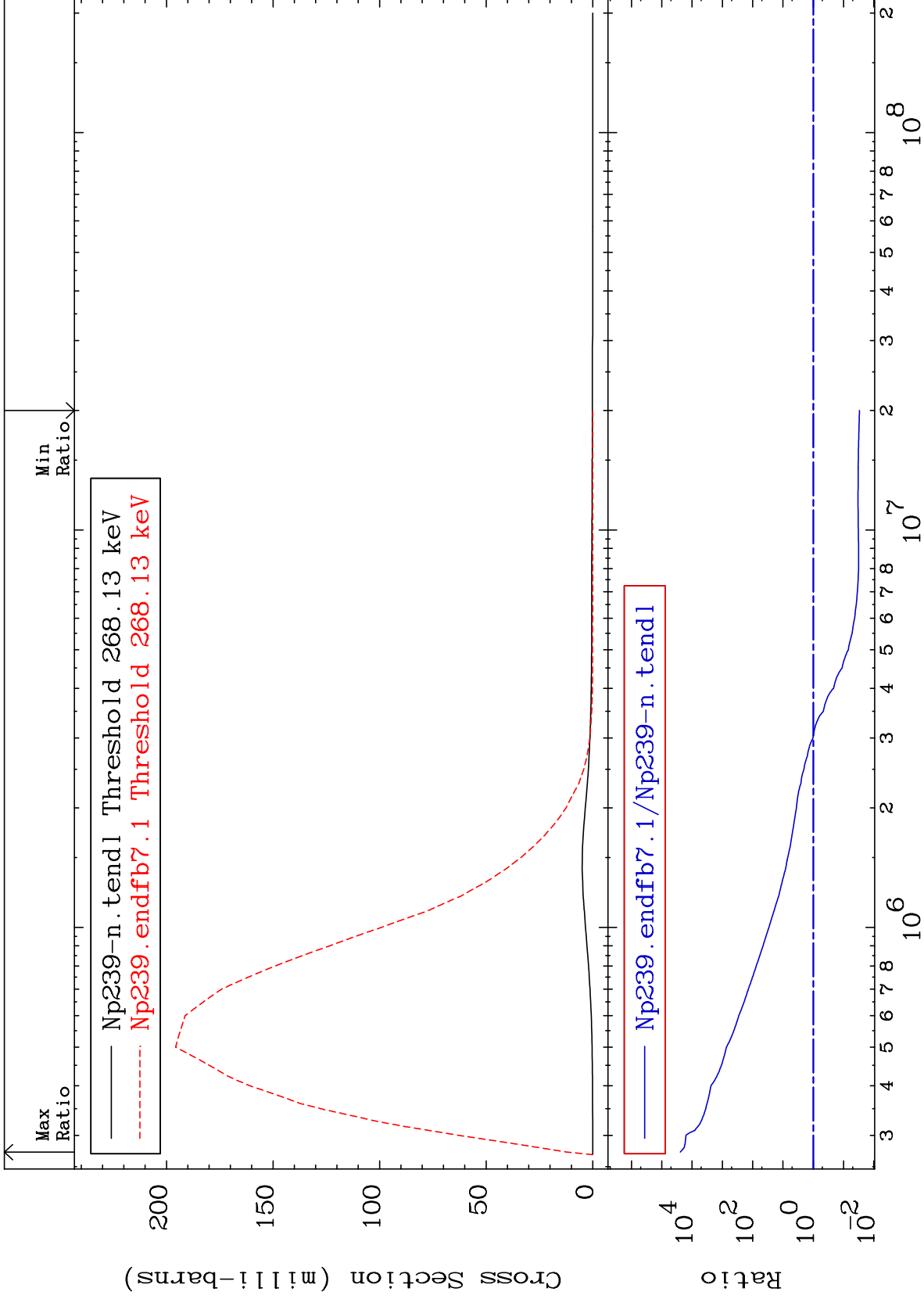
93-Np-239
-98.35 To 474.1 %



MAT 9352

267.0 keV (n,n') Level
Cross Section

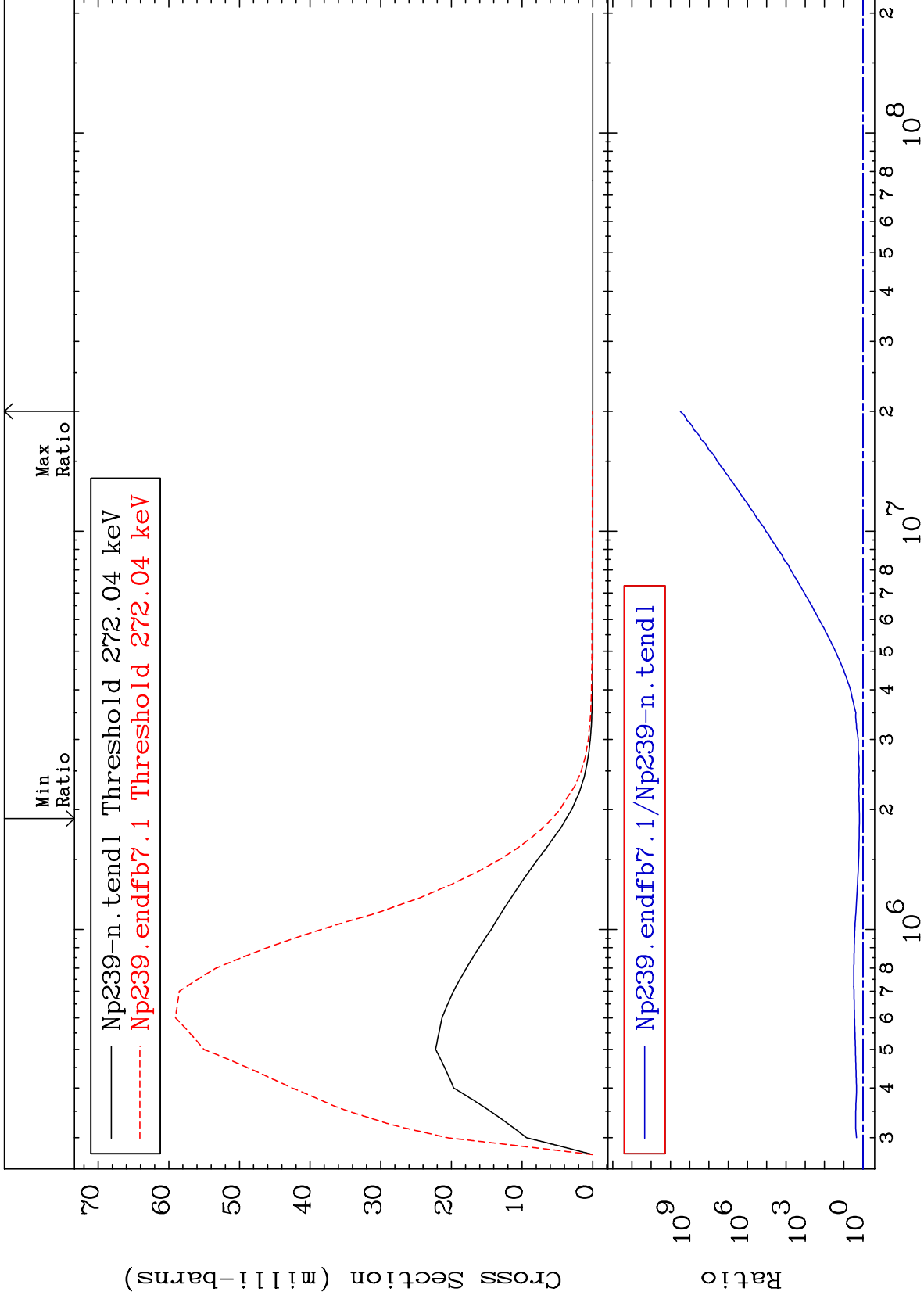
93-Np-239
-97.00 To 9999. %



MAT 9352

270.9 keV (n,n') Level
Cross Section

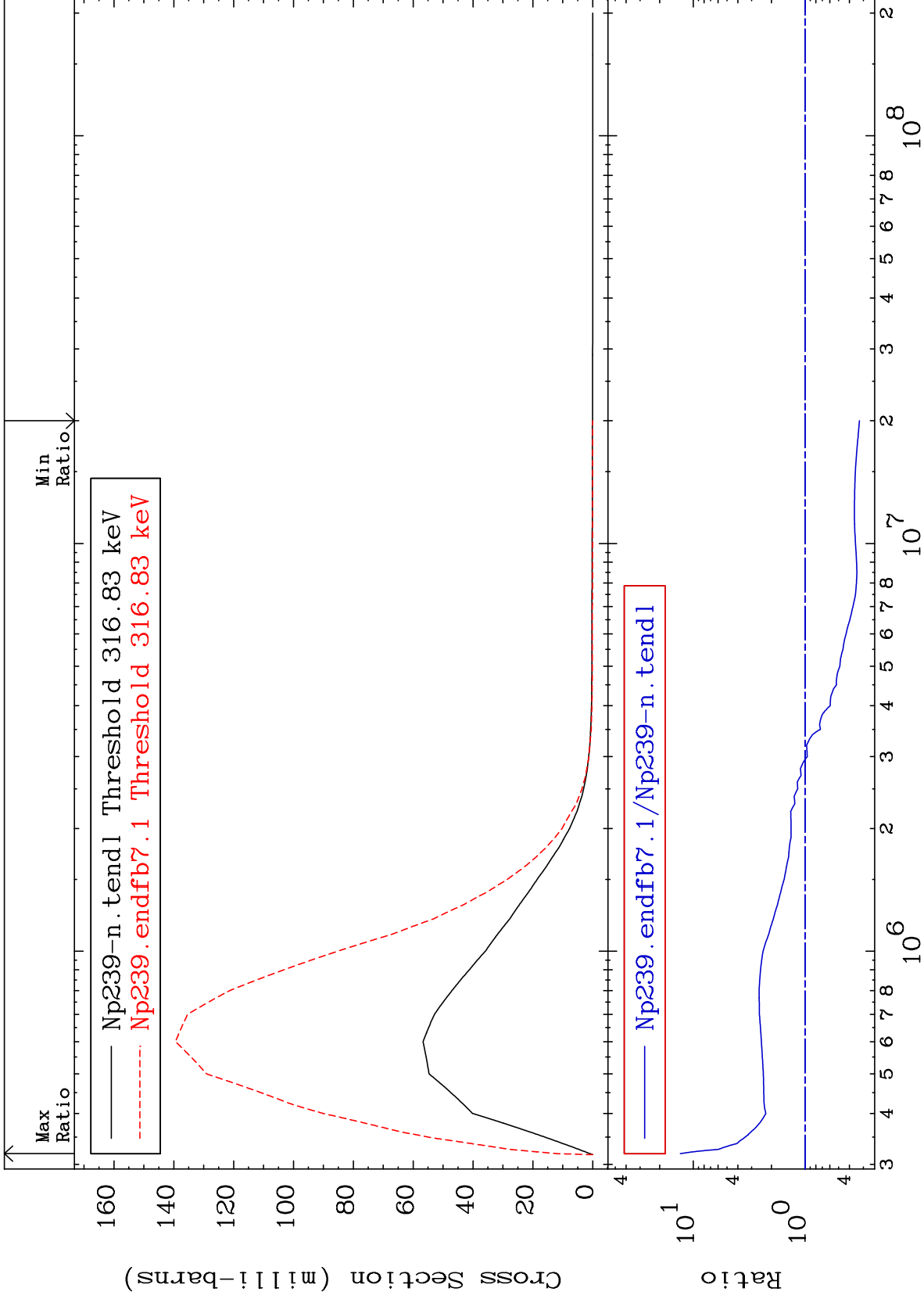
93-Np-239
53.32 To 9999. %



MAT 9352

315.5 keV (n,n') Level
Cross Section

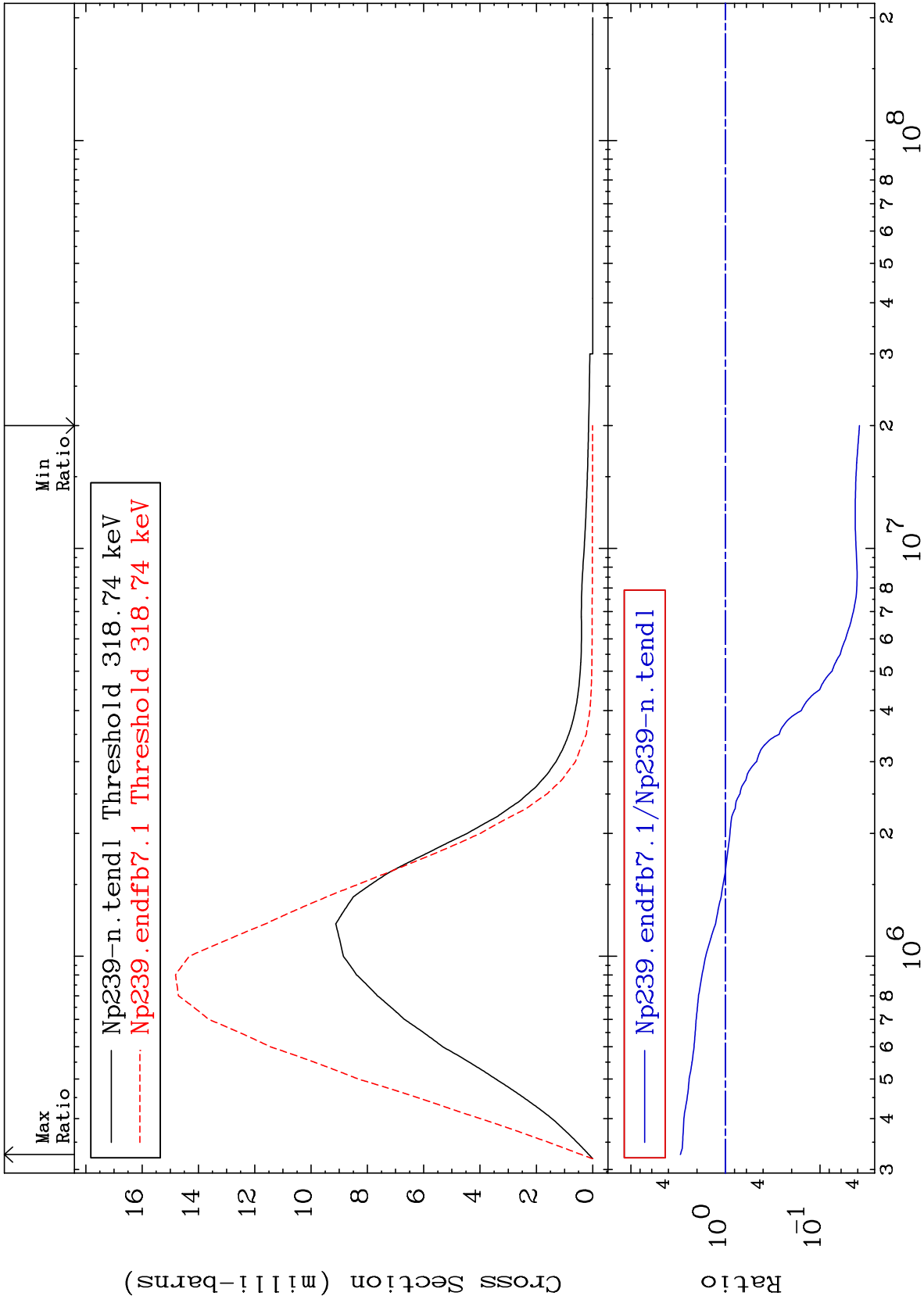
93-Np-239
-67.41 To 1206. %



MAT 9352

317.4 keV (n,n') Level
Cross Section

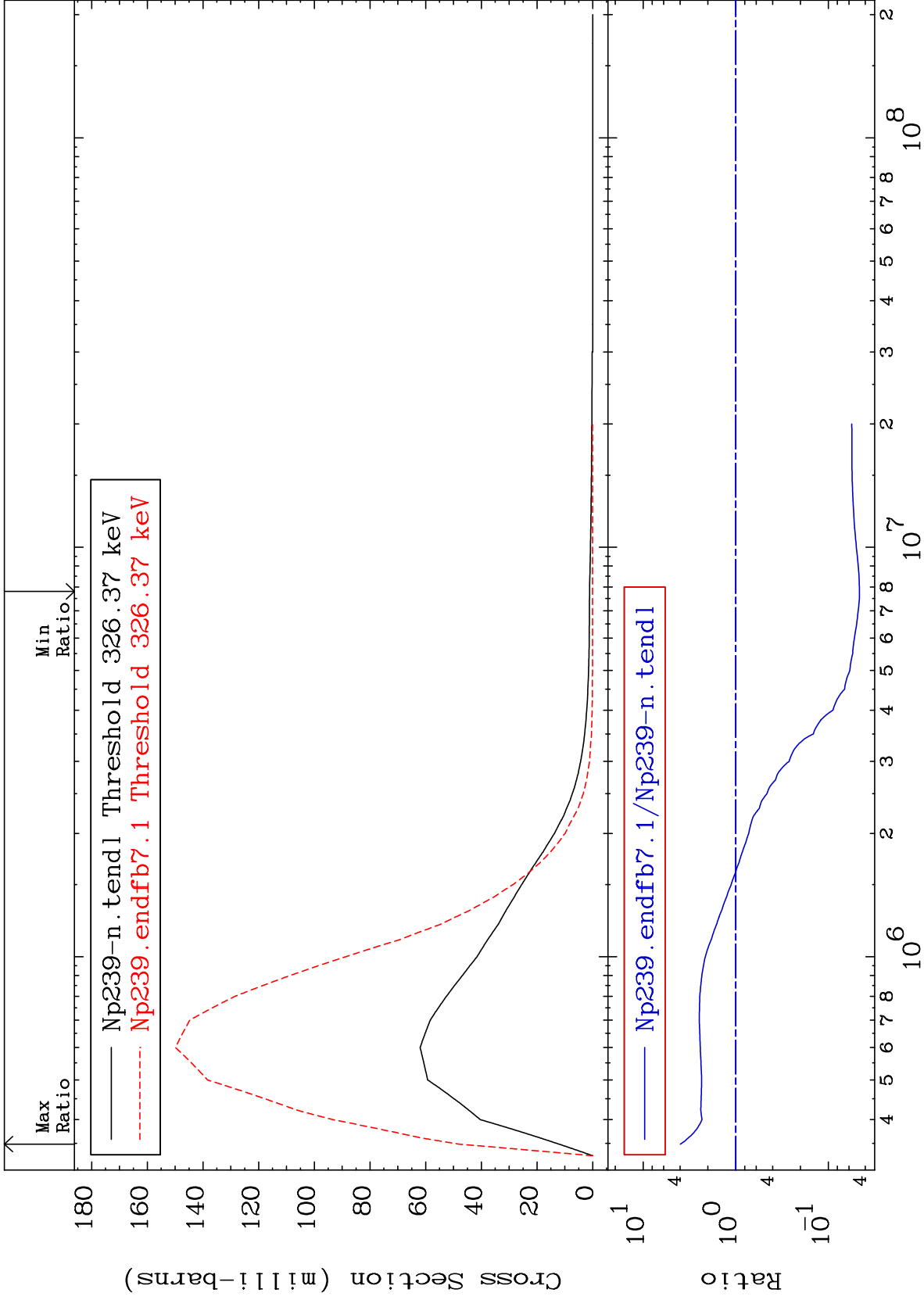
93-Np-239
-96.17 To 199.6 %



MAT 9352

325.0 keV (n,n') Level
Cross Section

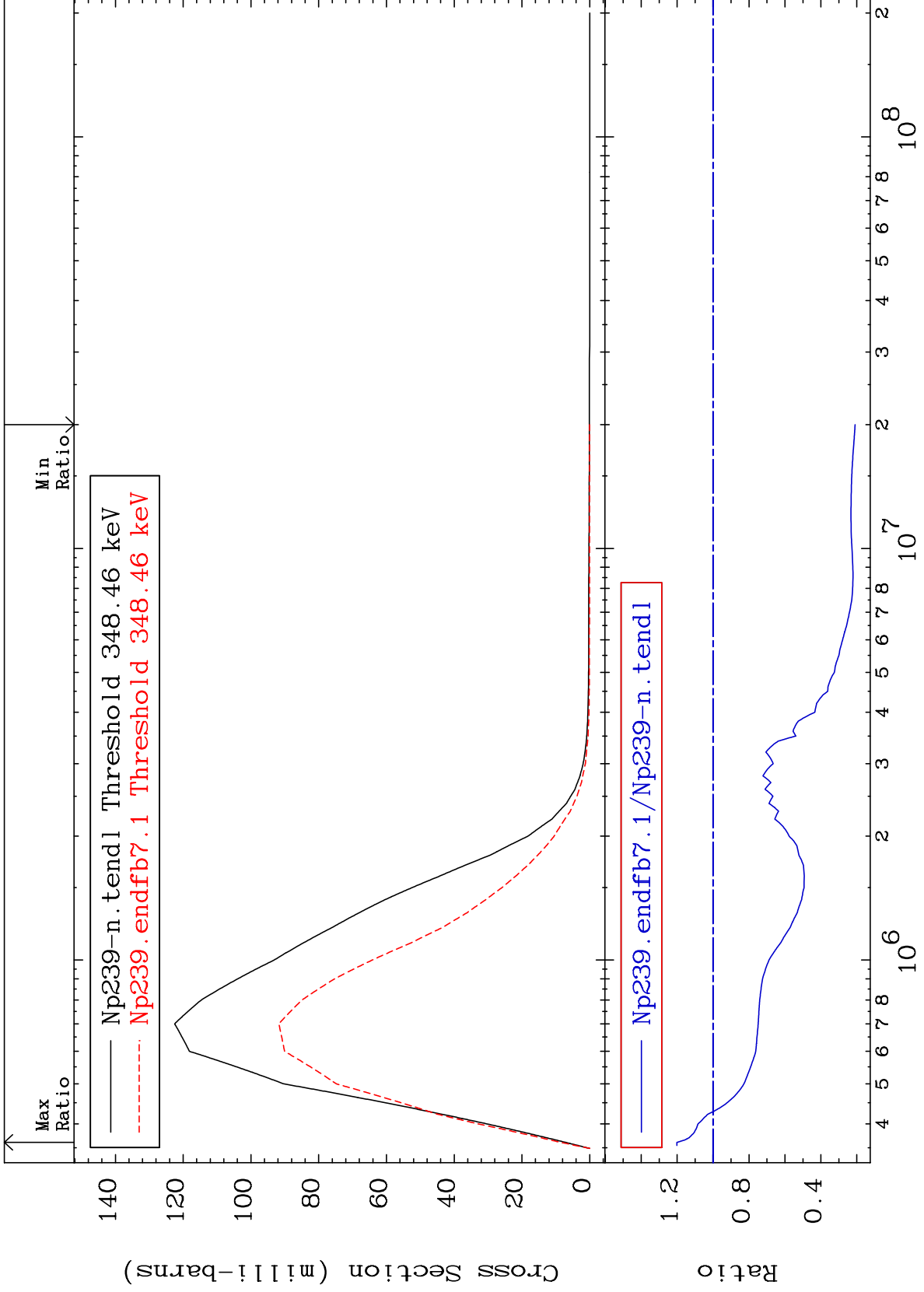
93-Np-239
-95.38 To 296.5 %



MAT 9352

347.0 keV (n,n') Level
Cross Section

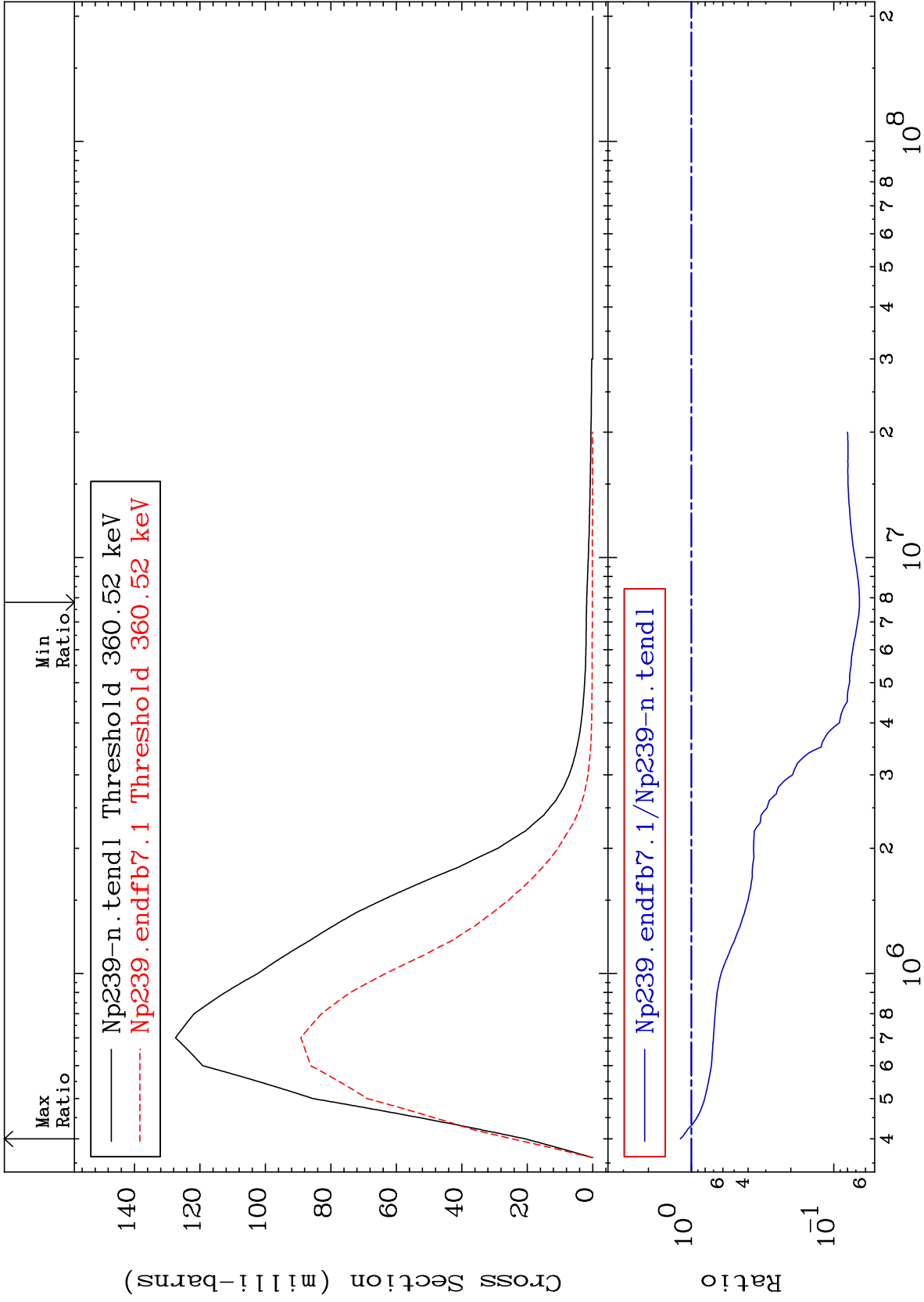
93-Np-239
-79.03 To 20.12 %



MAT 9352

359.0 keV (n,n') Level
Cross Section

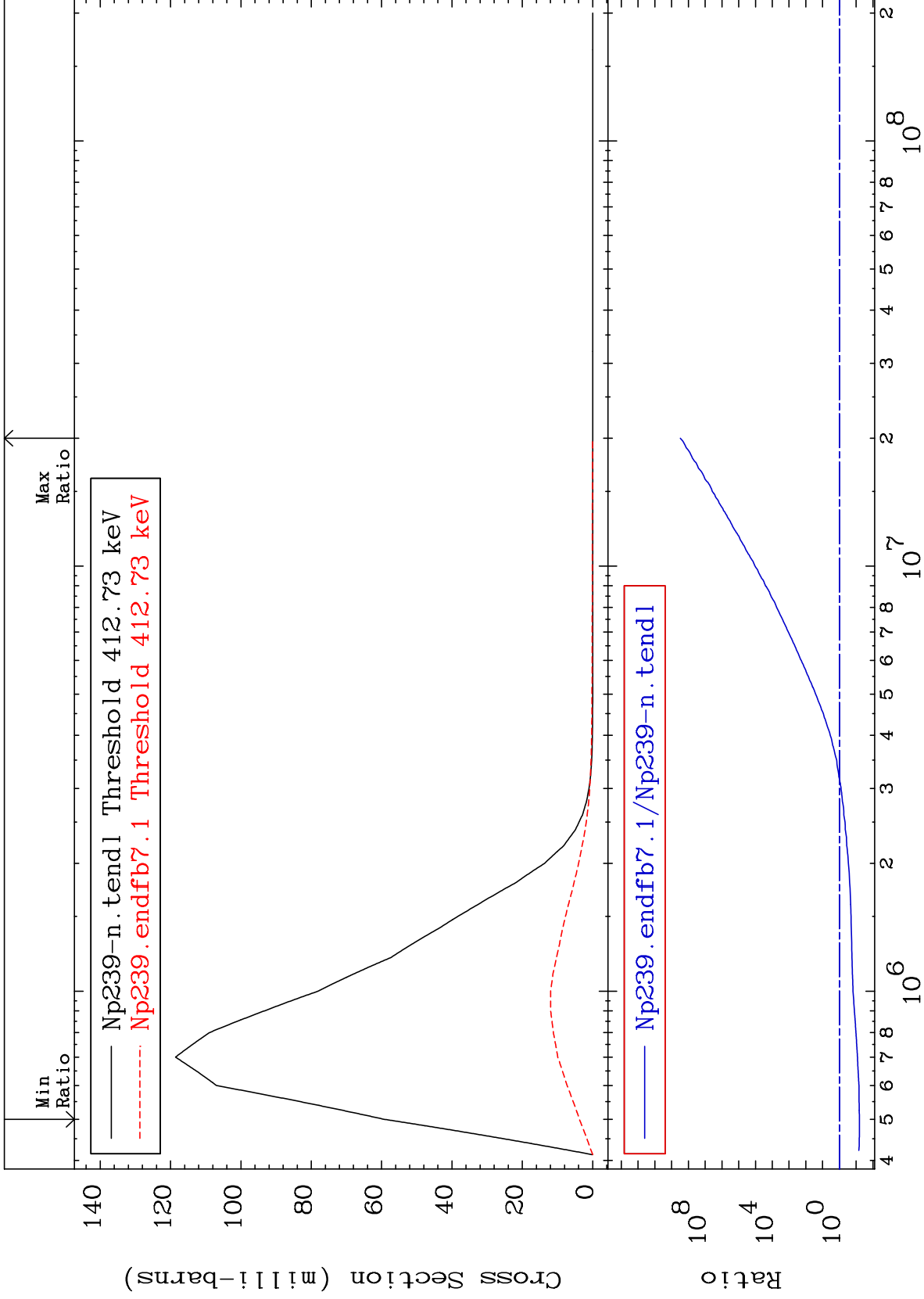
93-Np-239
-93.39 To 19.36 %



MAT 9352

411.0 keV (n,n') Level
Cross Section

93-Np-239
-93.63 To 9999. %



30

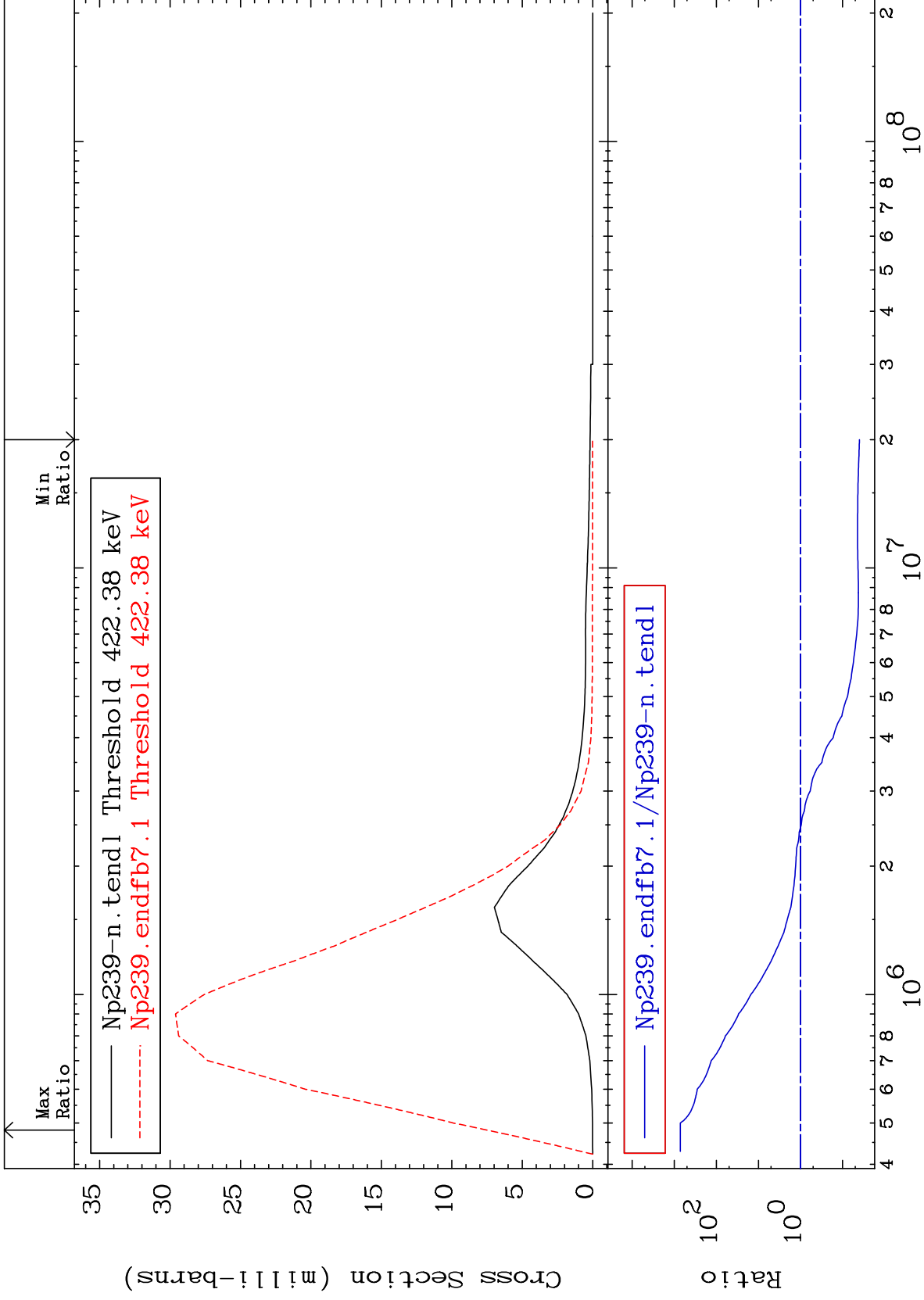
Incident Energy (eV)

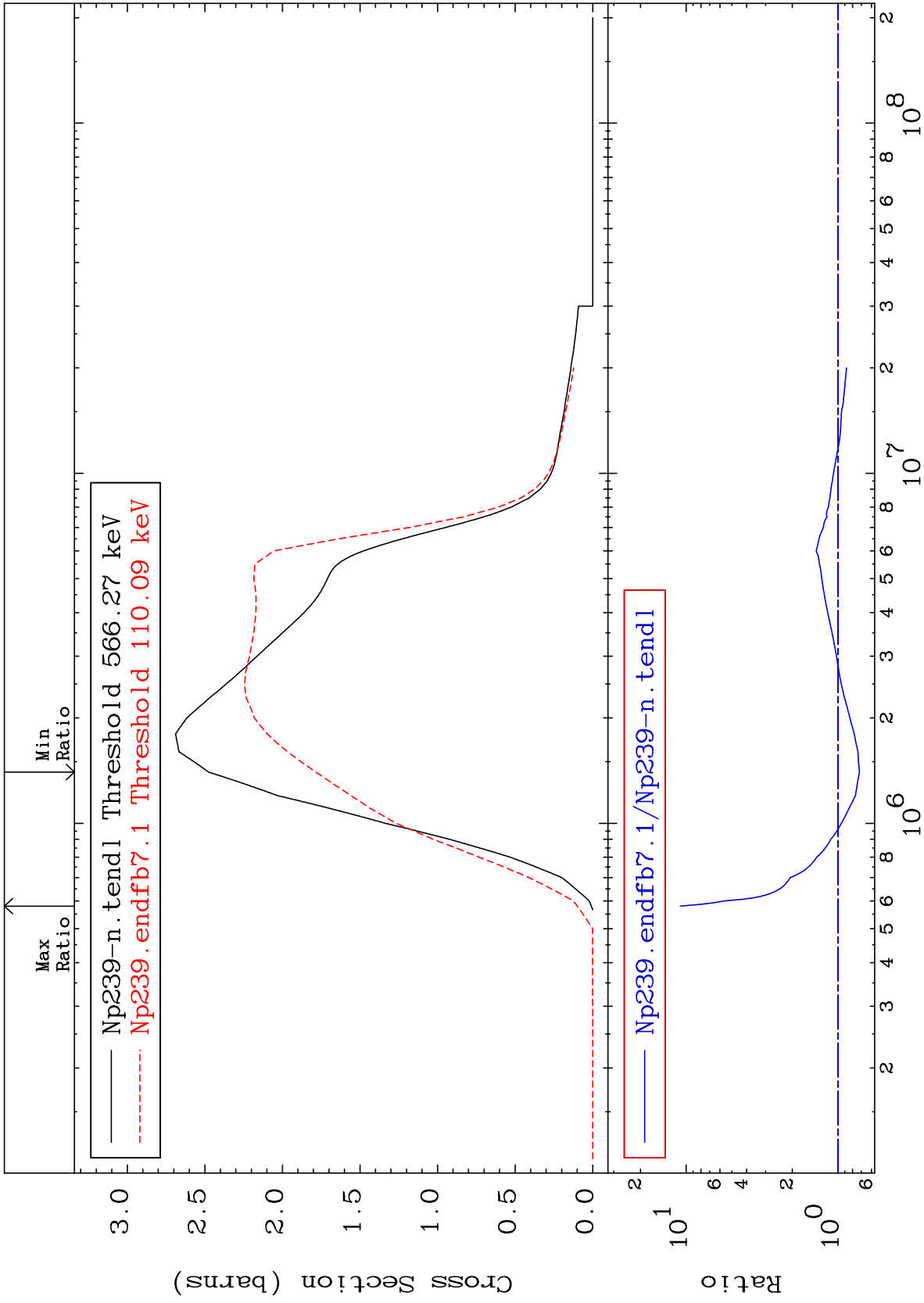
93-Np-239

MAT 9352

420.6 keV (n,n') Level
Cross Section

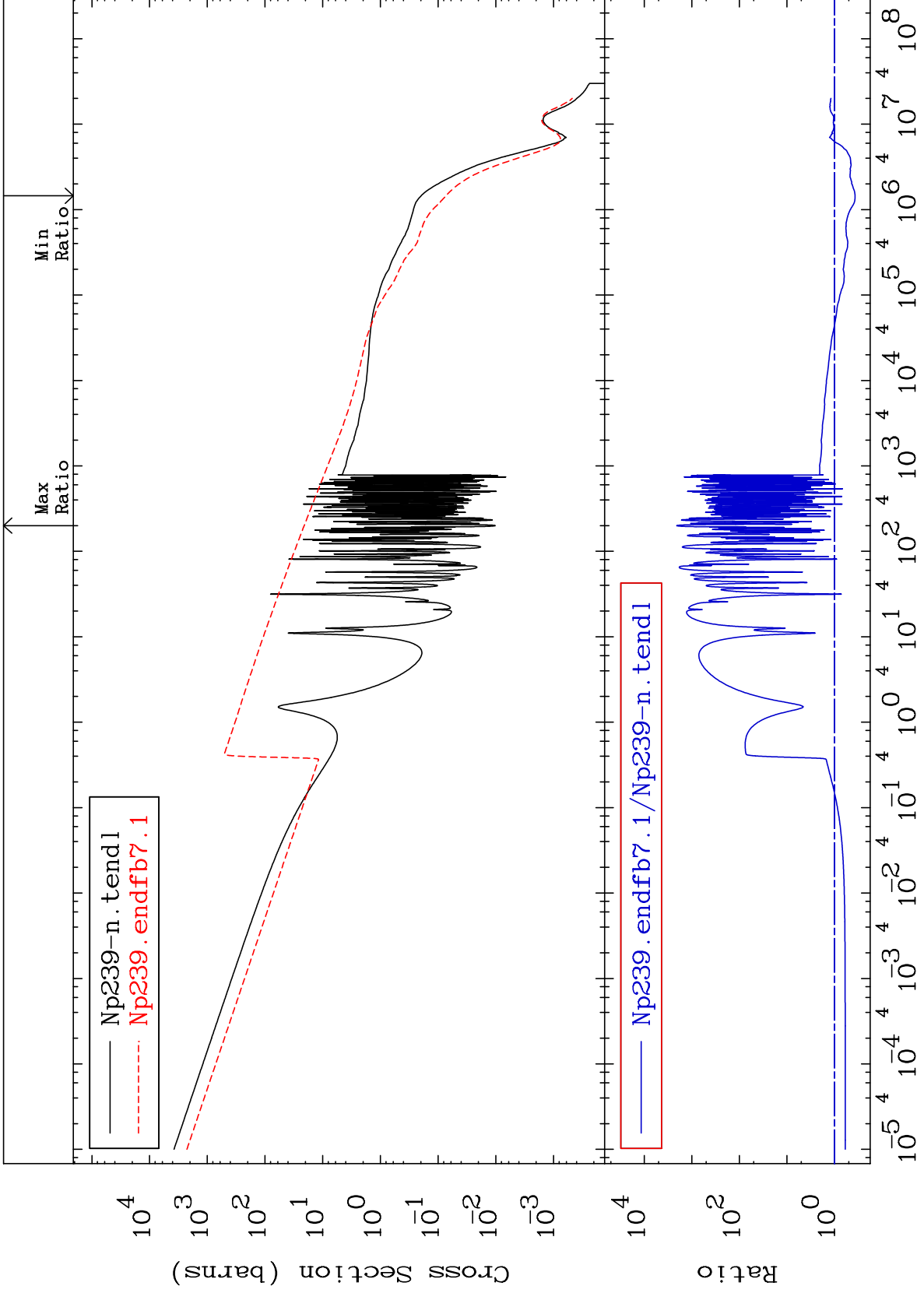
93-Np-239
-96.02 To 9999. %





MAT 9352

(n, γ)
Cross Section
93-Np-239
-62.85 To 9999. %



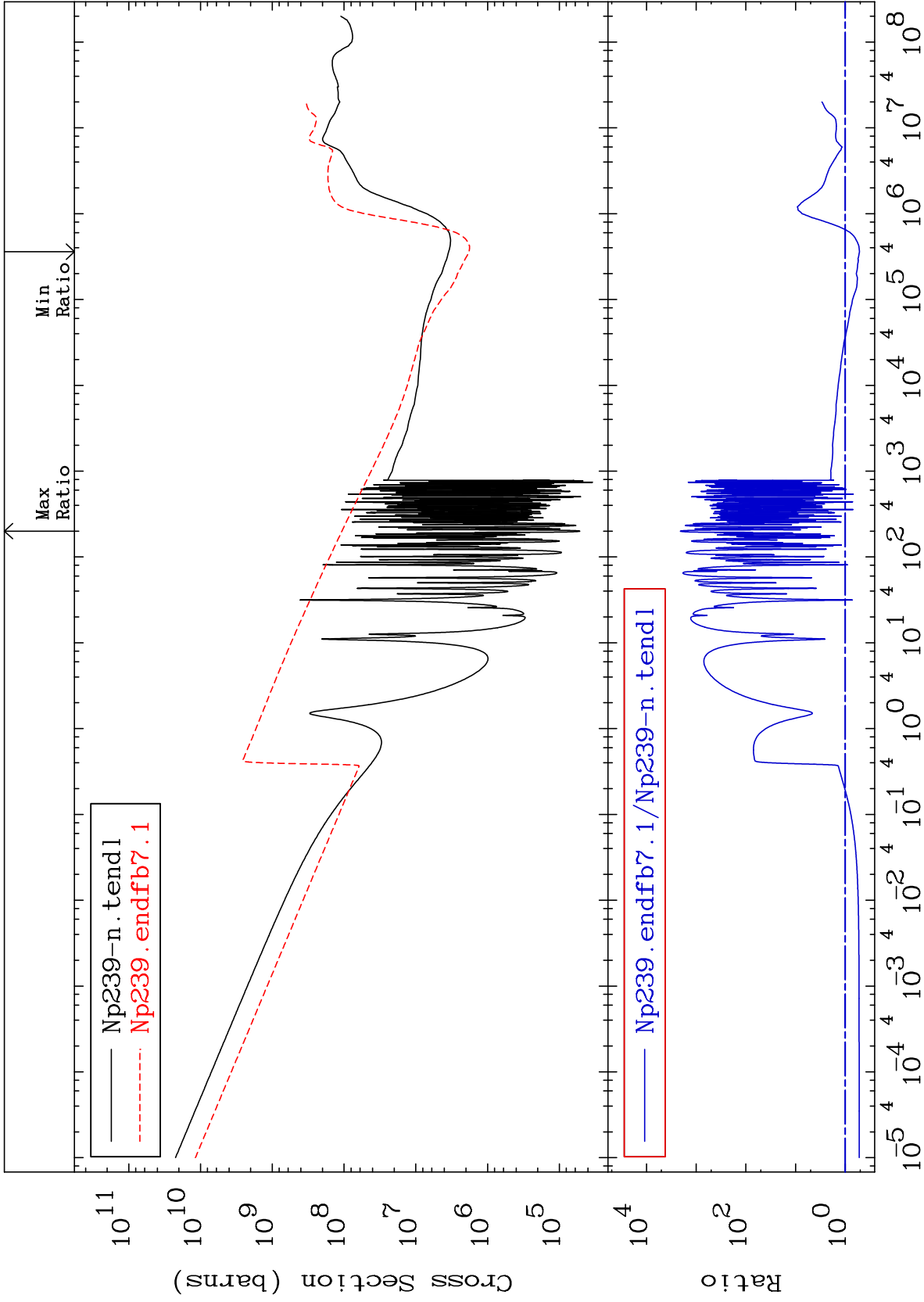
MAT 9352

Kerma total (eV-barns)

93-Np-239

-47.97 To 9999. %

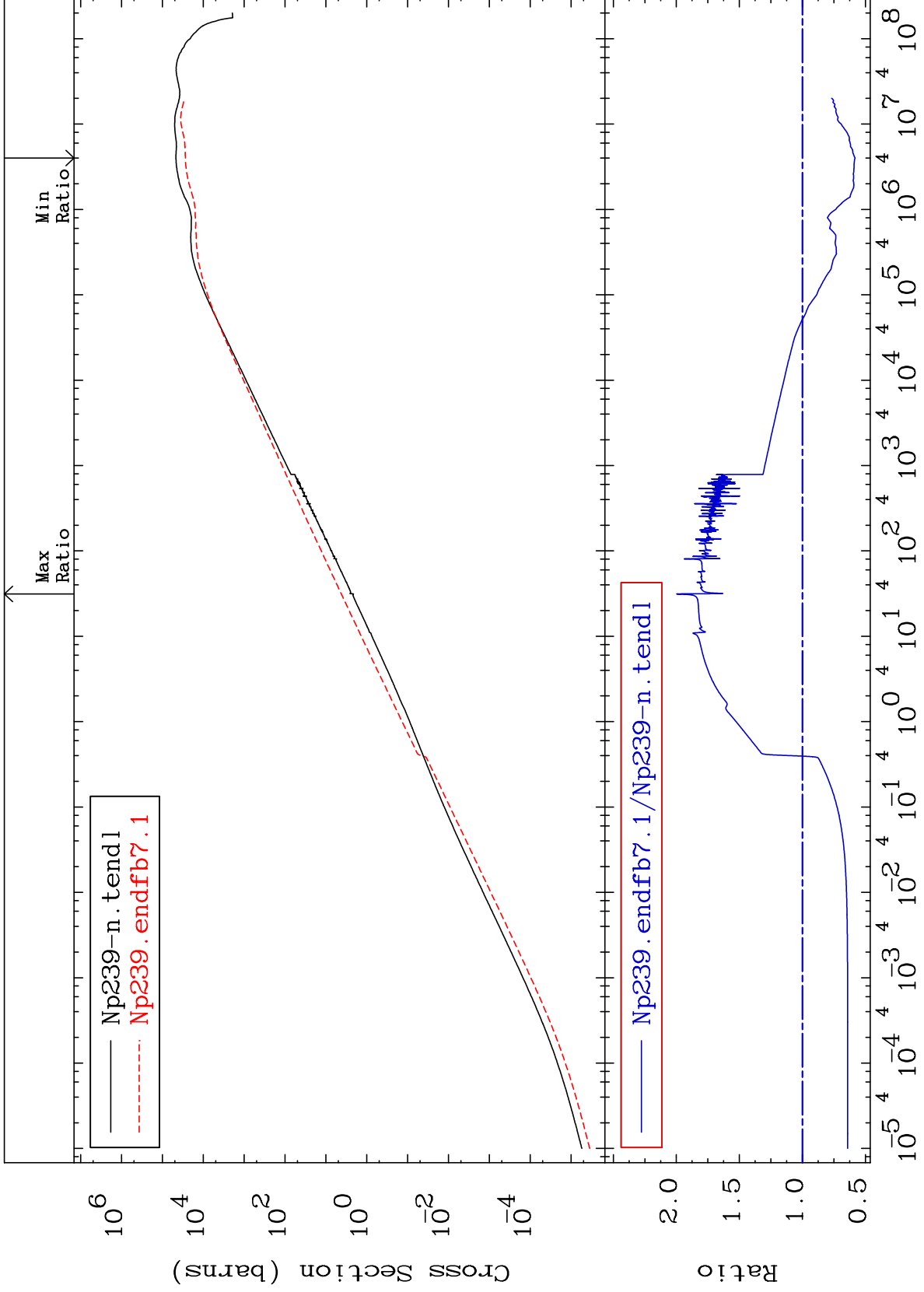
Cross Section



MAT 9352

Kerma elastic
Cross Section

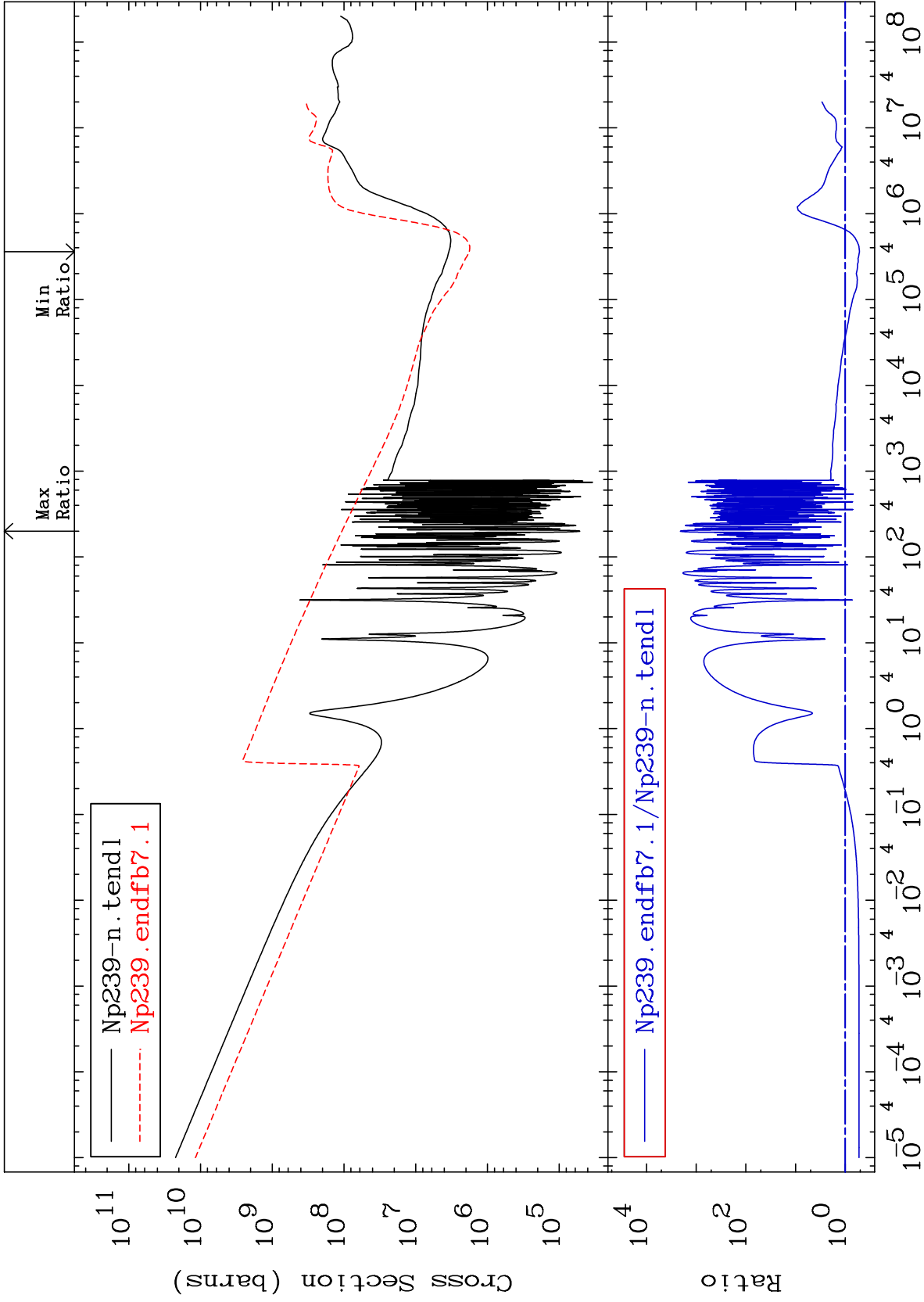
93-Np-239
-41.82 To 99.55 %

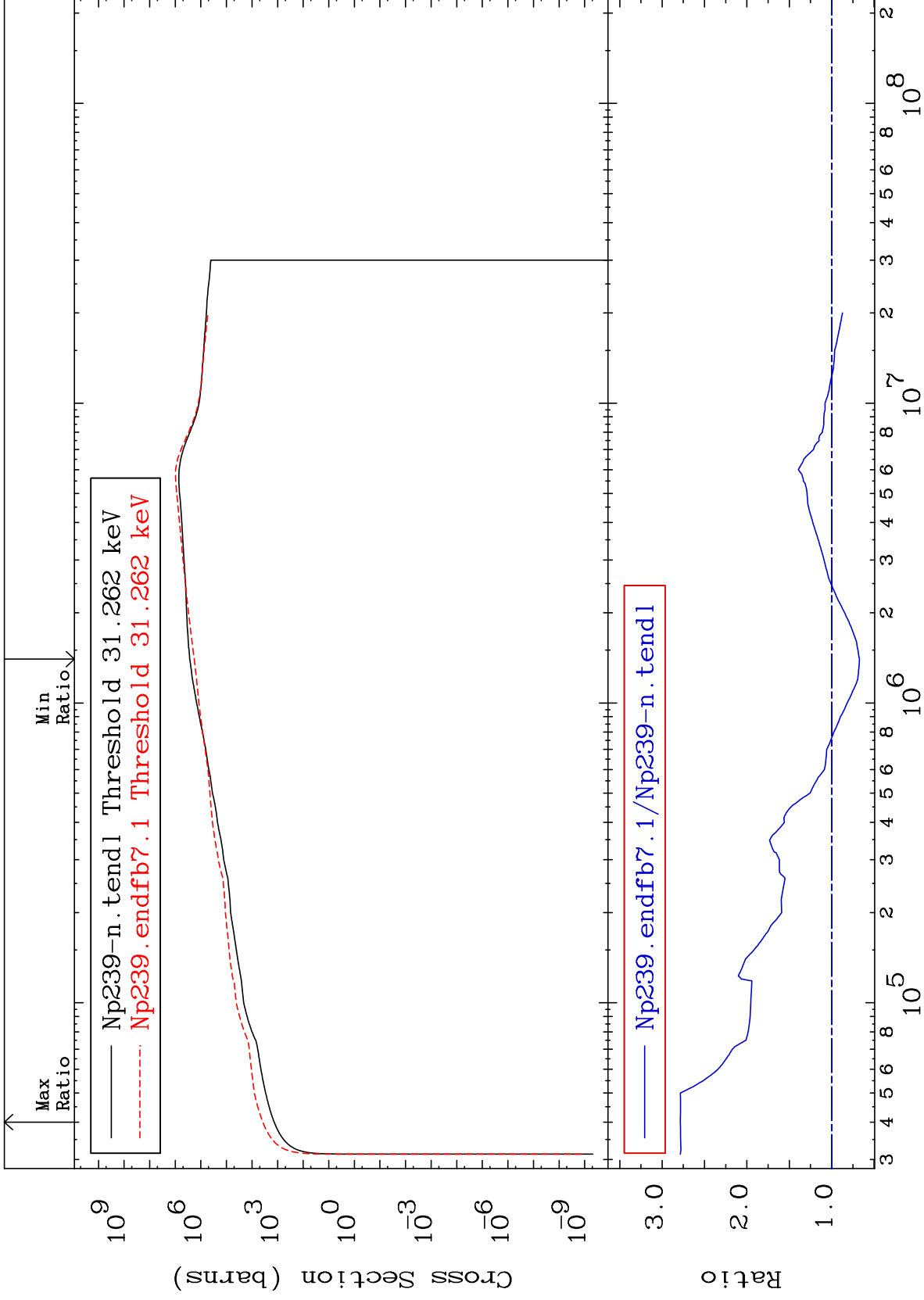


35

Incident Energy (eV)

93-Np-239

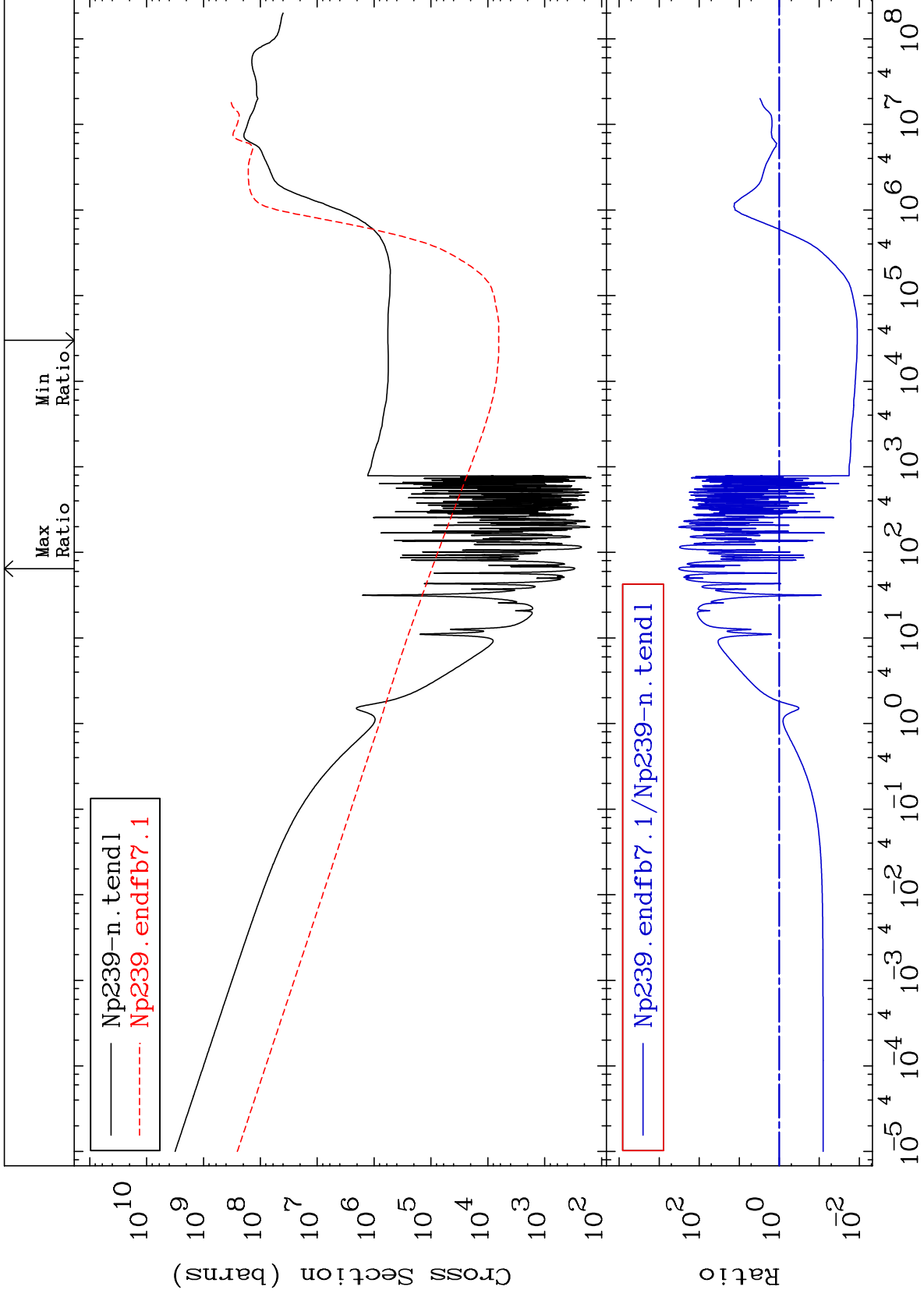




MAT 9352

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

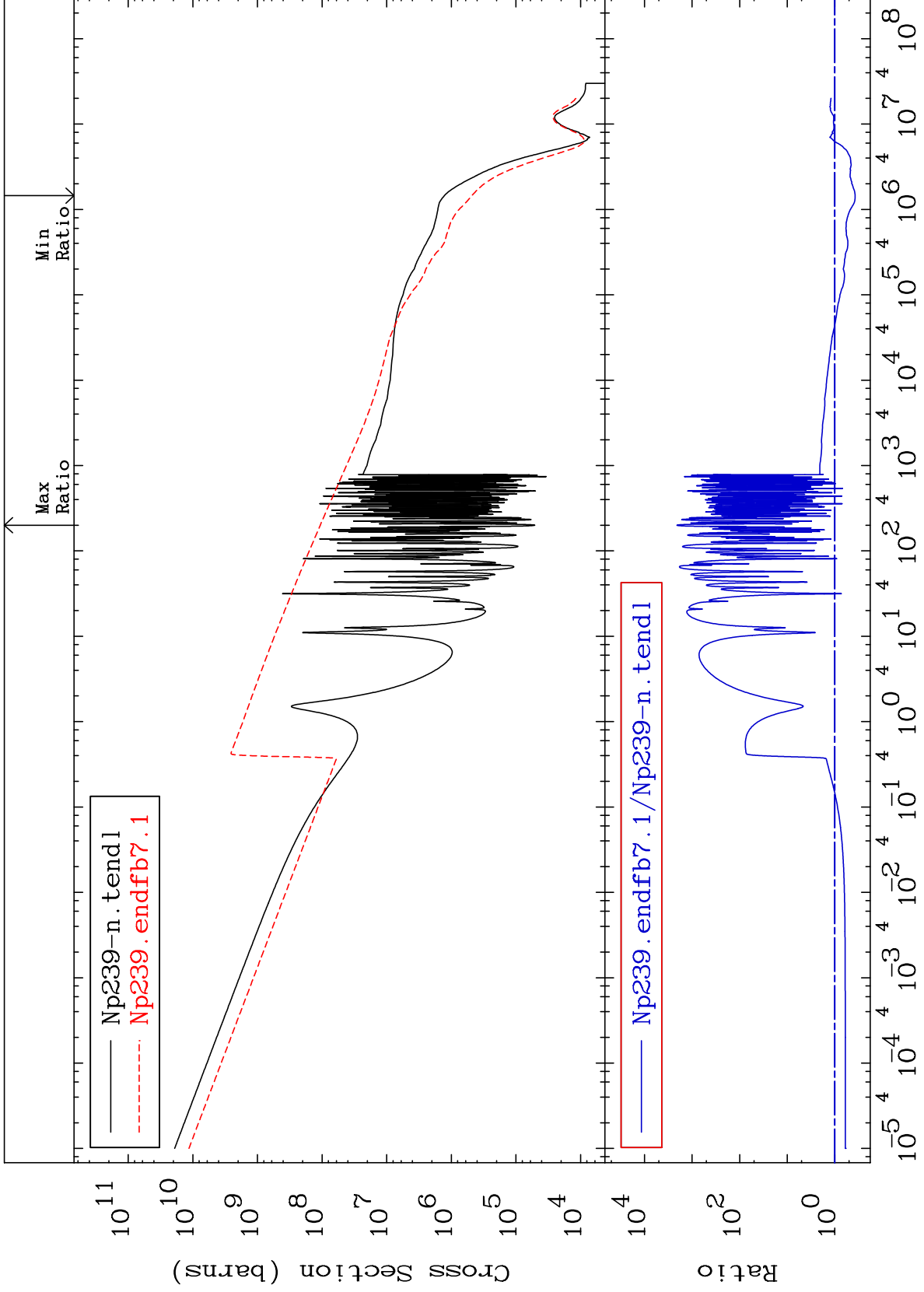
93-Np-239
-98.88 To 9999. %



MAT 9352

Kerma capture (mt102)
Cross Section

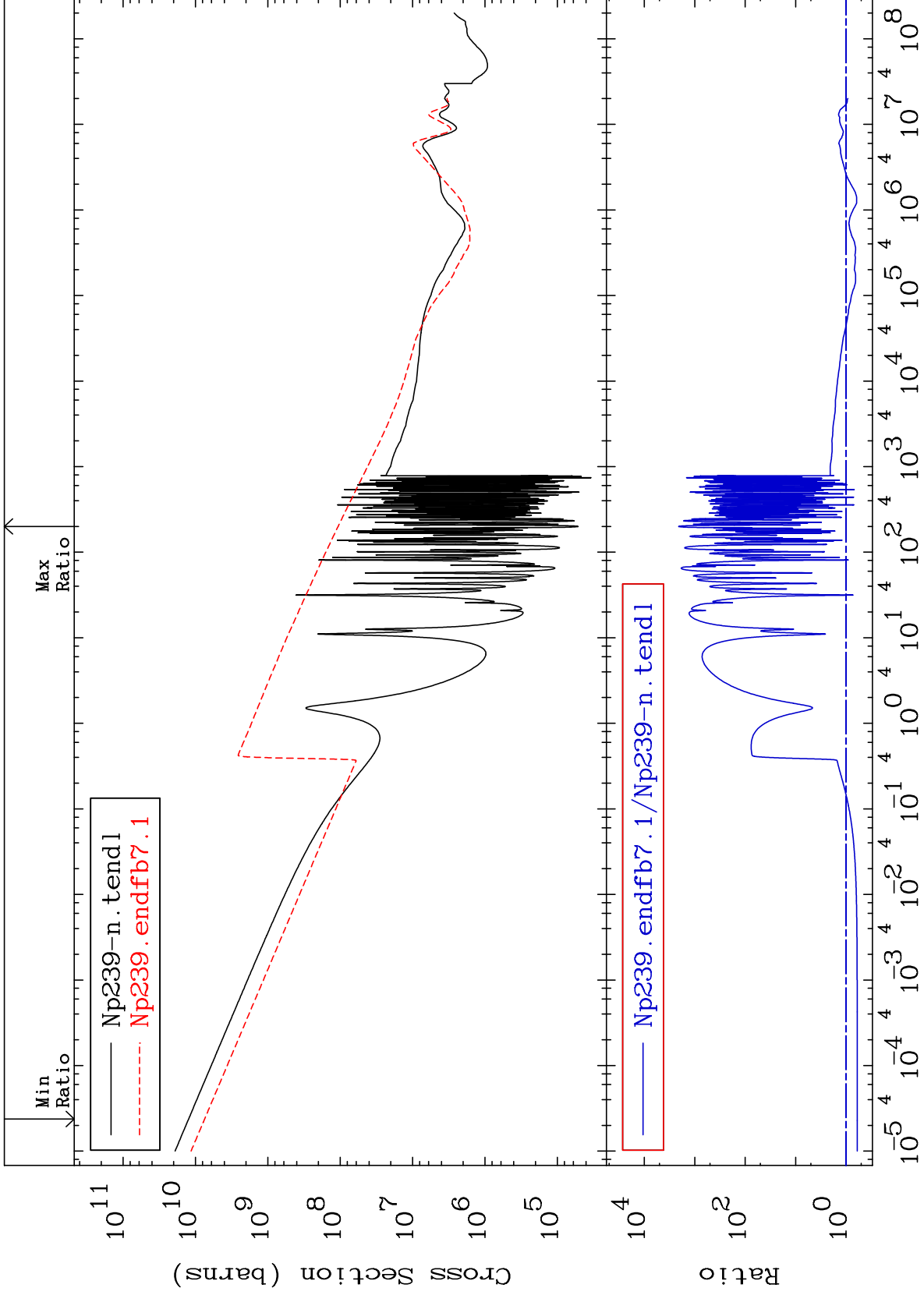
93-Np-239
-62.57 To 9999. %

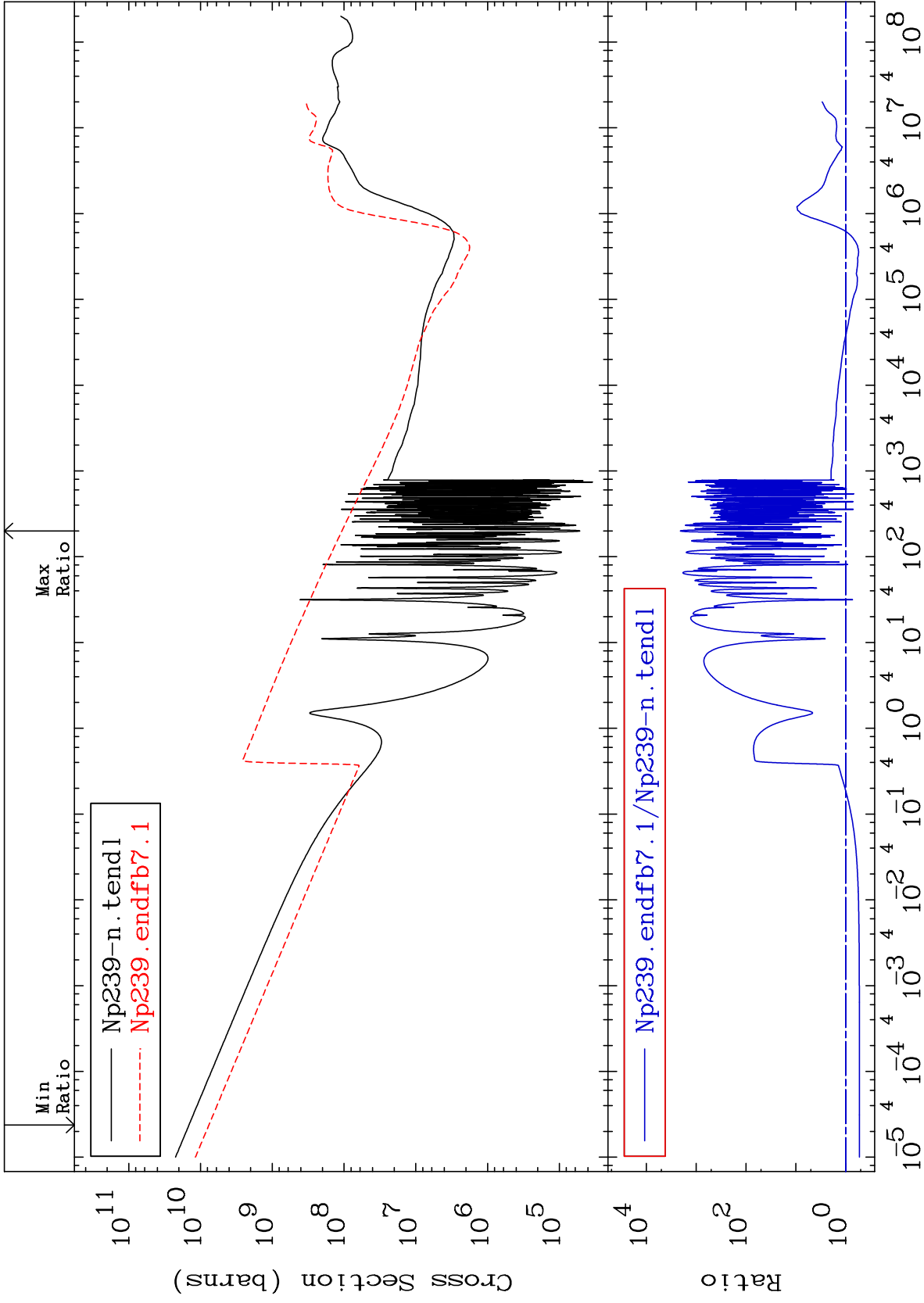


MAT 9352

Total photon (eV-barns)
Cross Section

93-Np-239
-39.88 To 9999. %





MAT 9352

Dpa total (eV-barns)
Cross Section

93-Np-239
-99.30 To 9999. %

