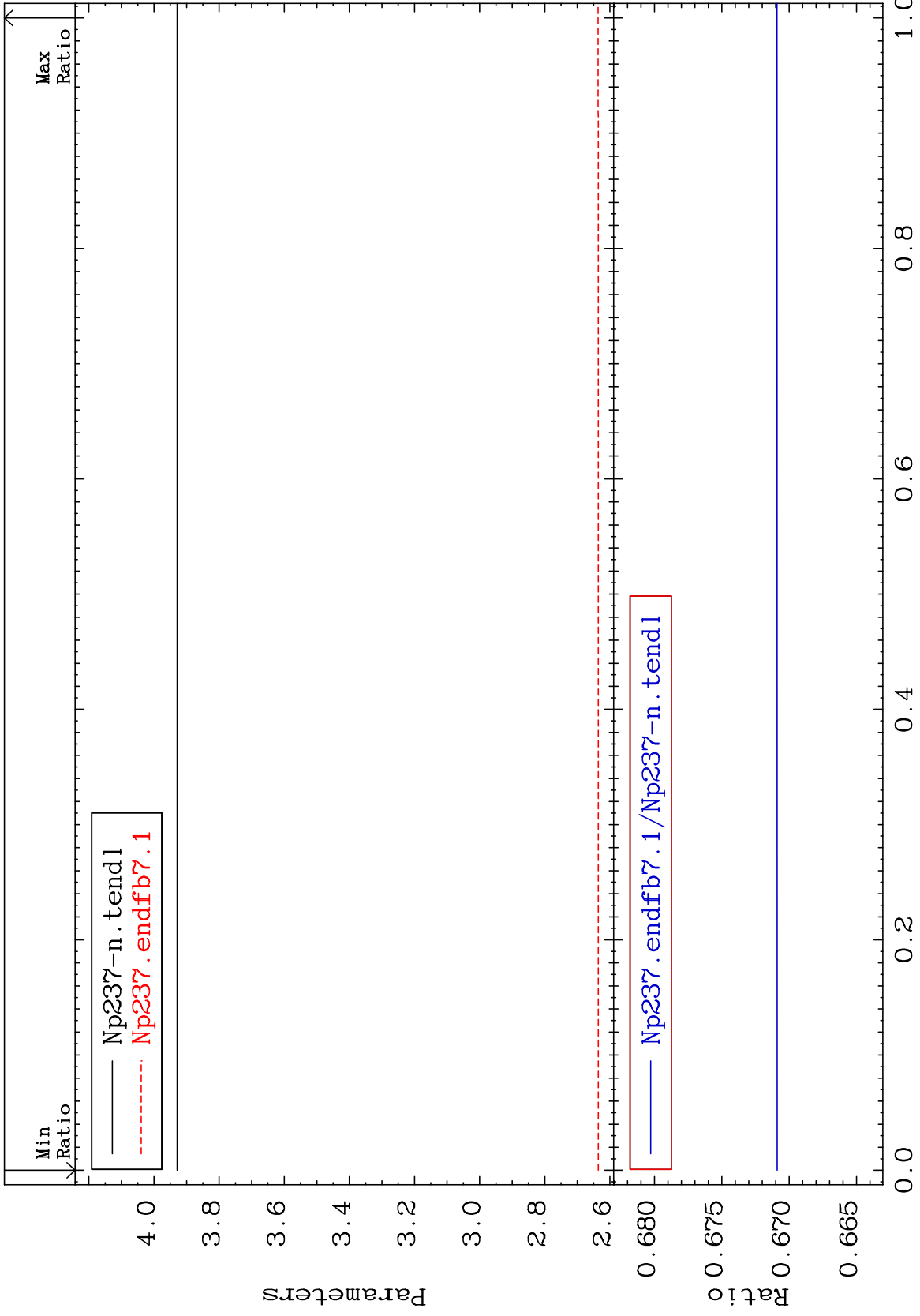


MAT 9346

Total $\bar{\nu}$
Parameters

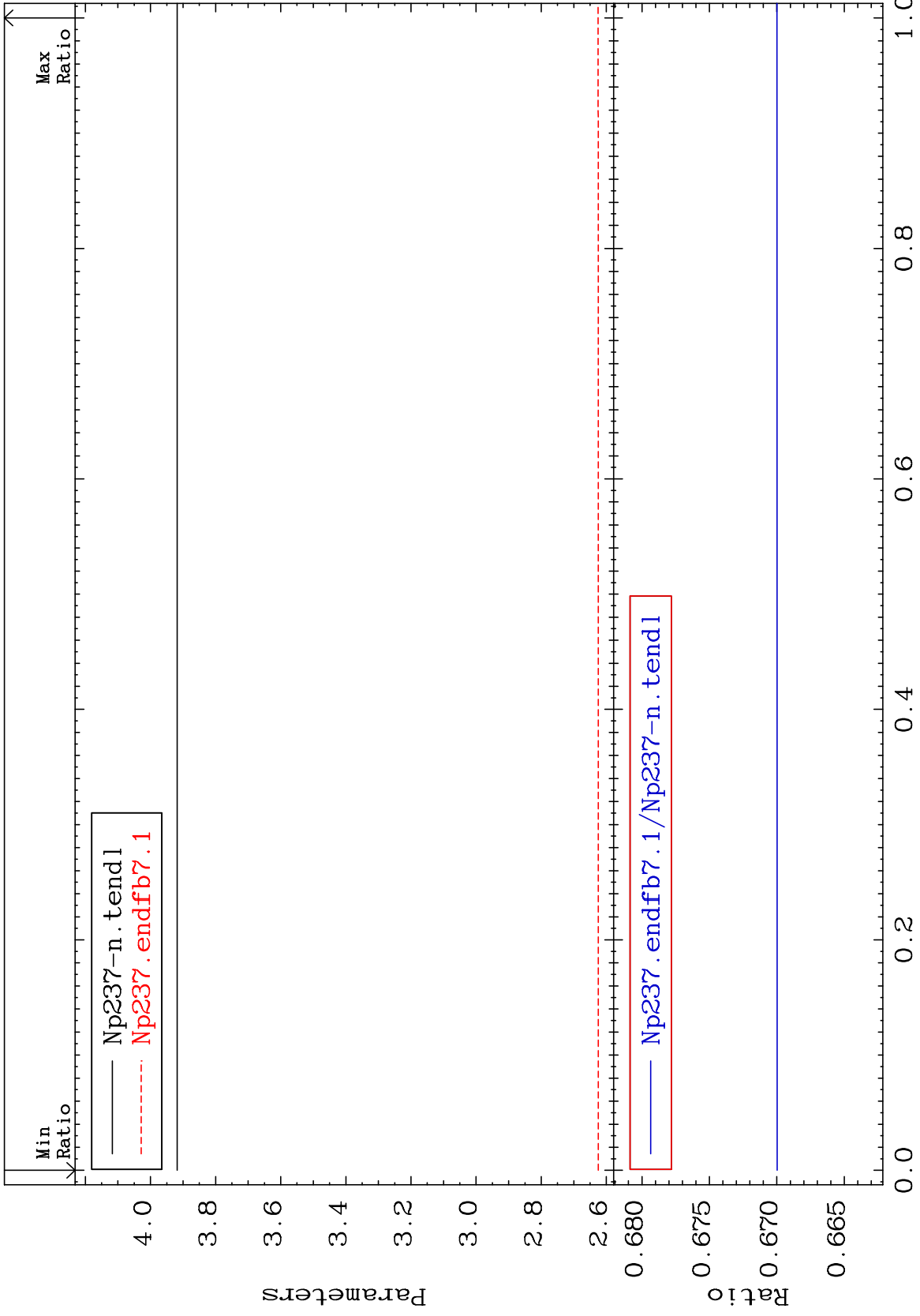
93-Np-237
-32.91 To -32.91%



MAT 9346

Prompt $\bar{\nu}$
Parameters

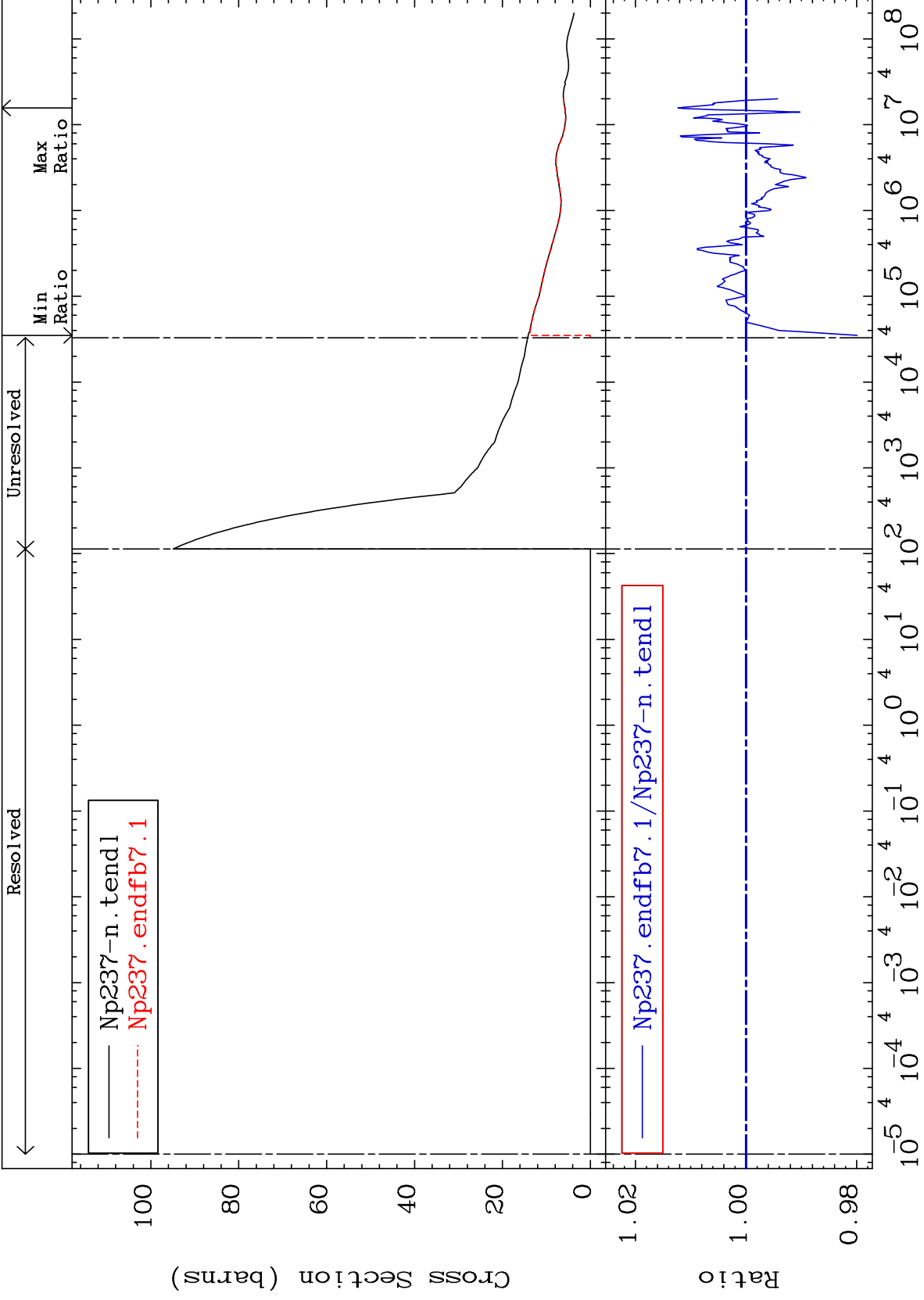
93-Np-237
-33.00 To -33.00%



MAT 9346

Total
Cross Section

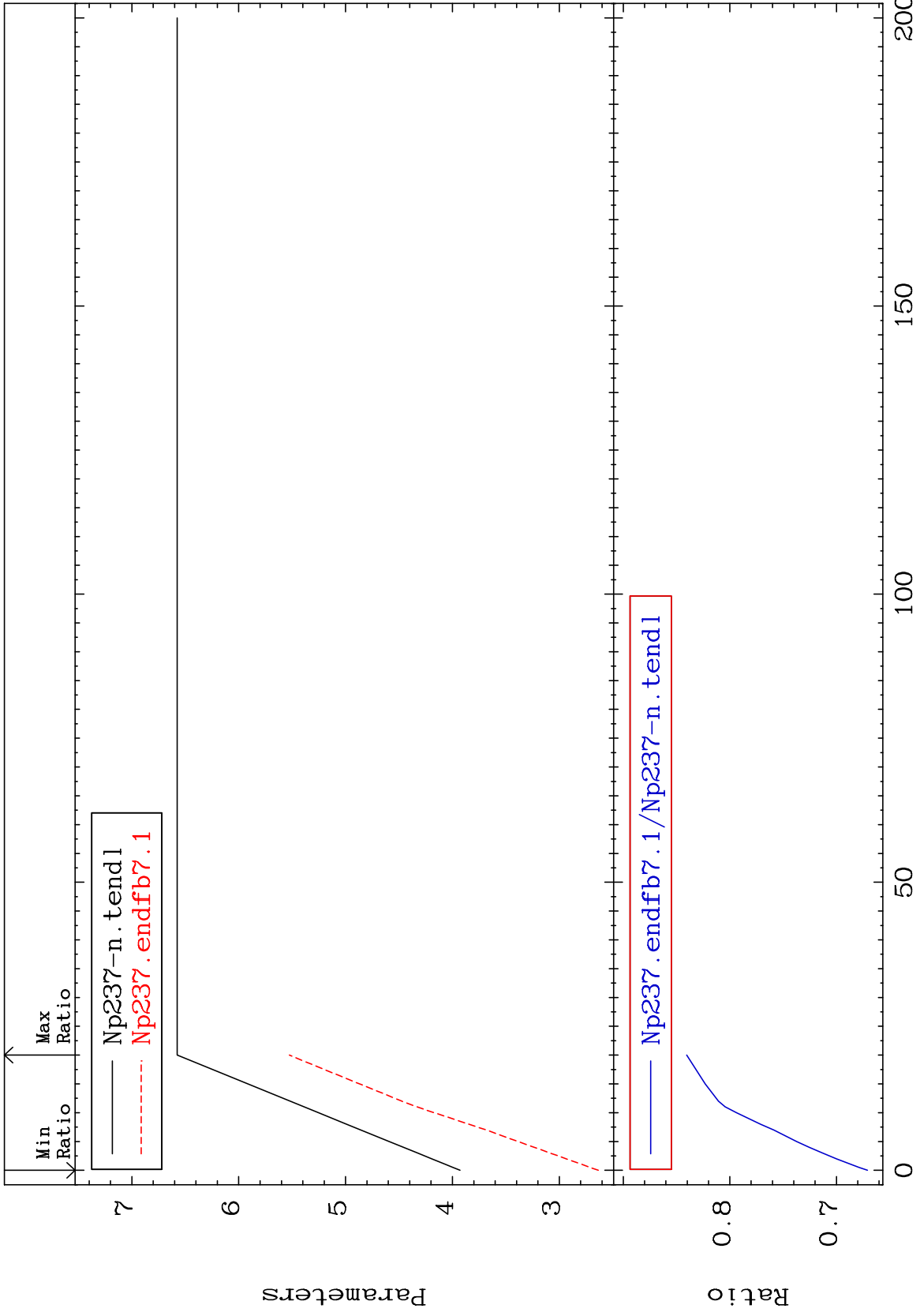
93-Np-237
-2.009 To 1.231 %



MAT 9346

Total $\bar{\nu}$
Parameters

93-Np-237
-32.91 To -15.95%



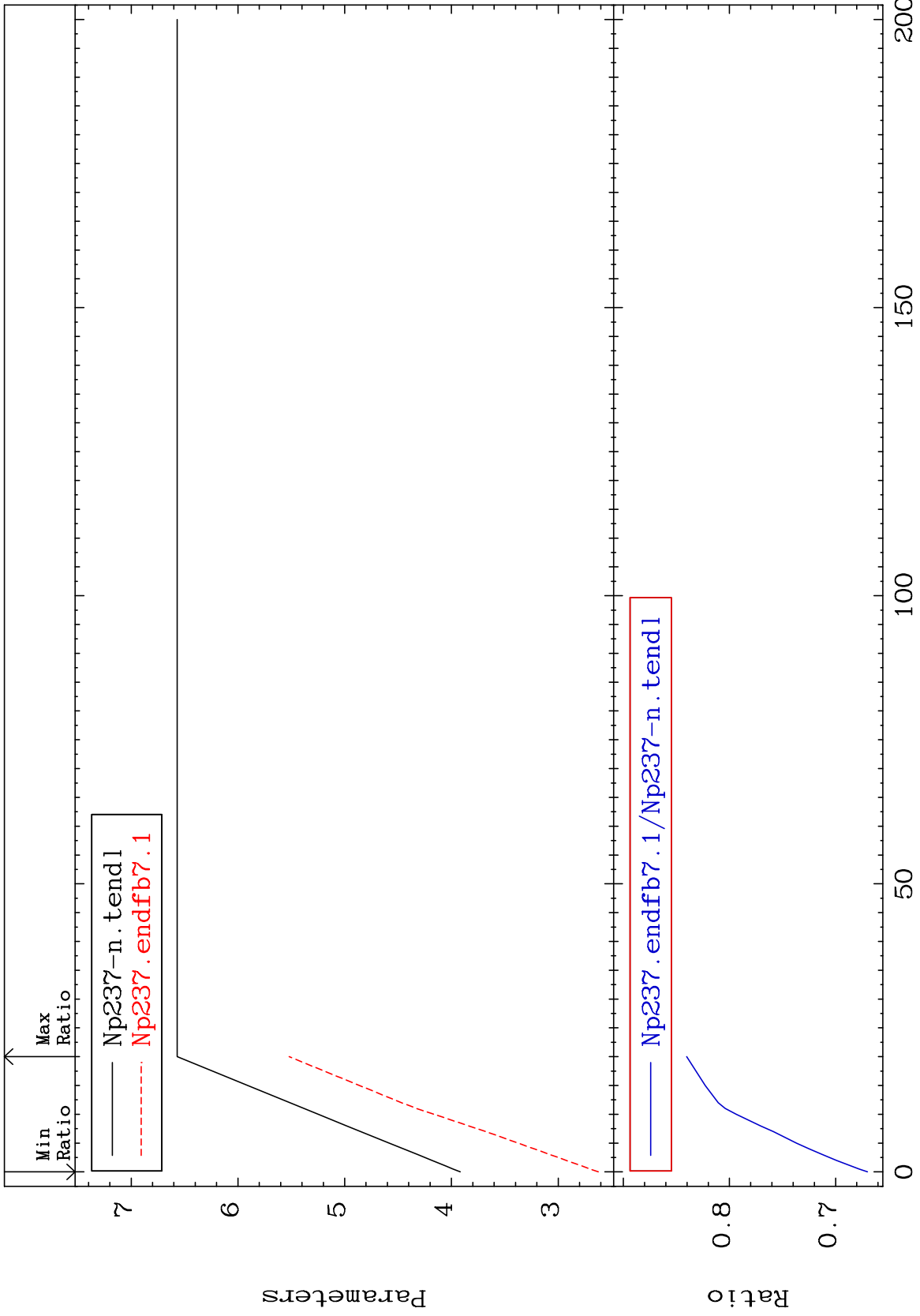
Incident Energy (MeV)

93-Np-237

MAT 9346

Prompt $\bar{\nu}$
Parameters

93-Np-237
-33.00 To -15.97%



2

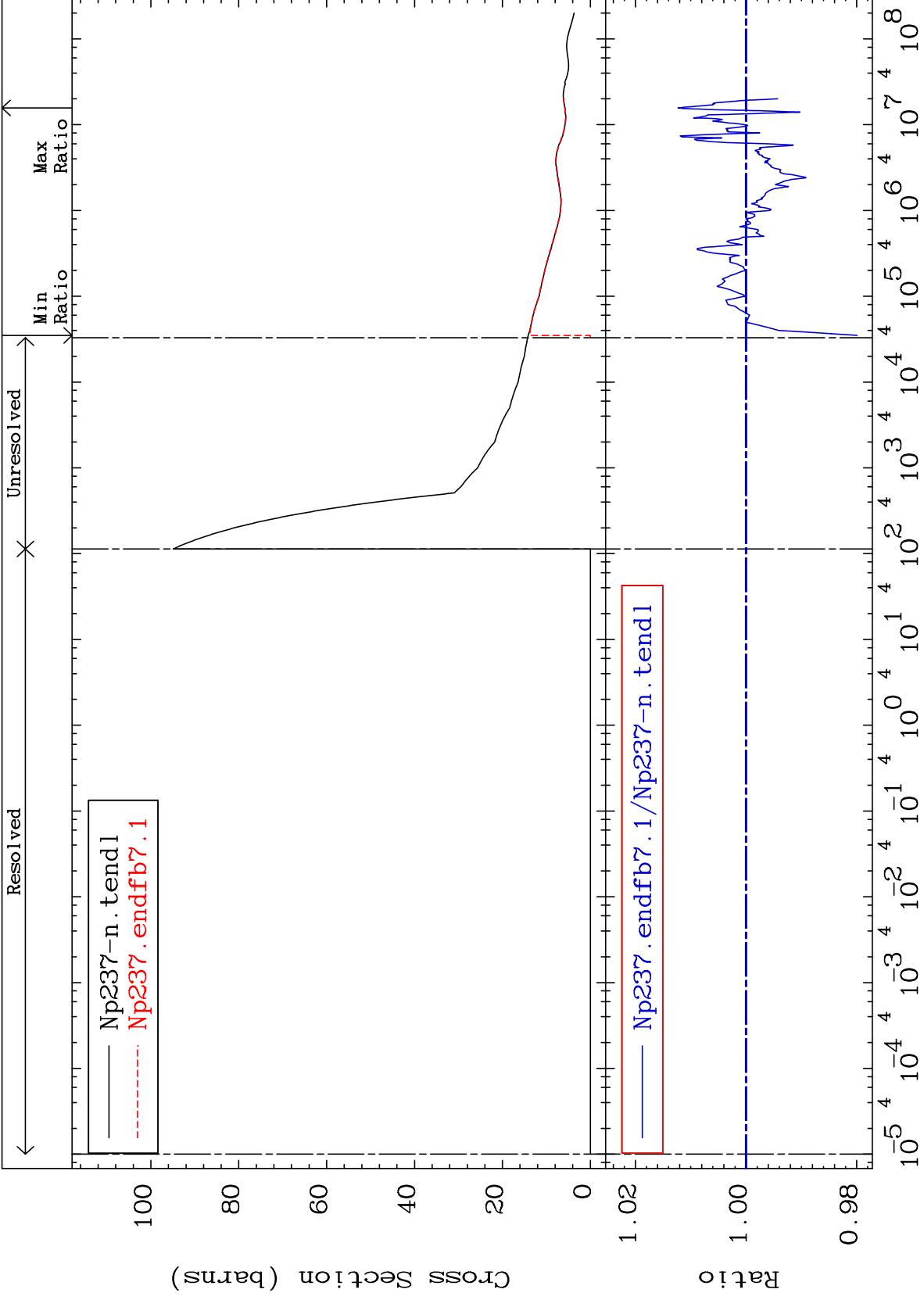
Incident Energy (MeV)

93-Np-237

MAT 9346

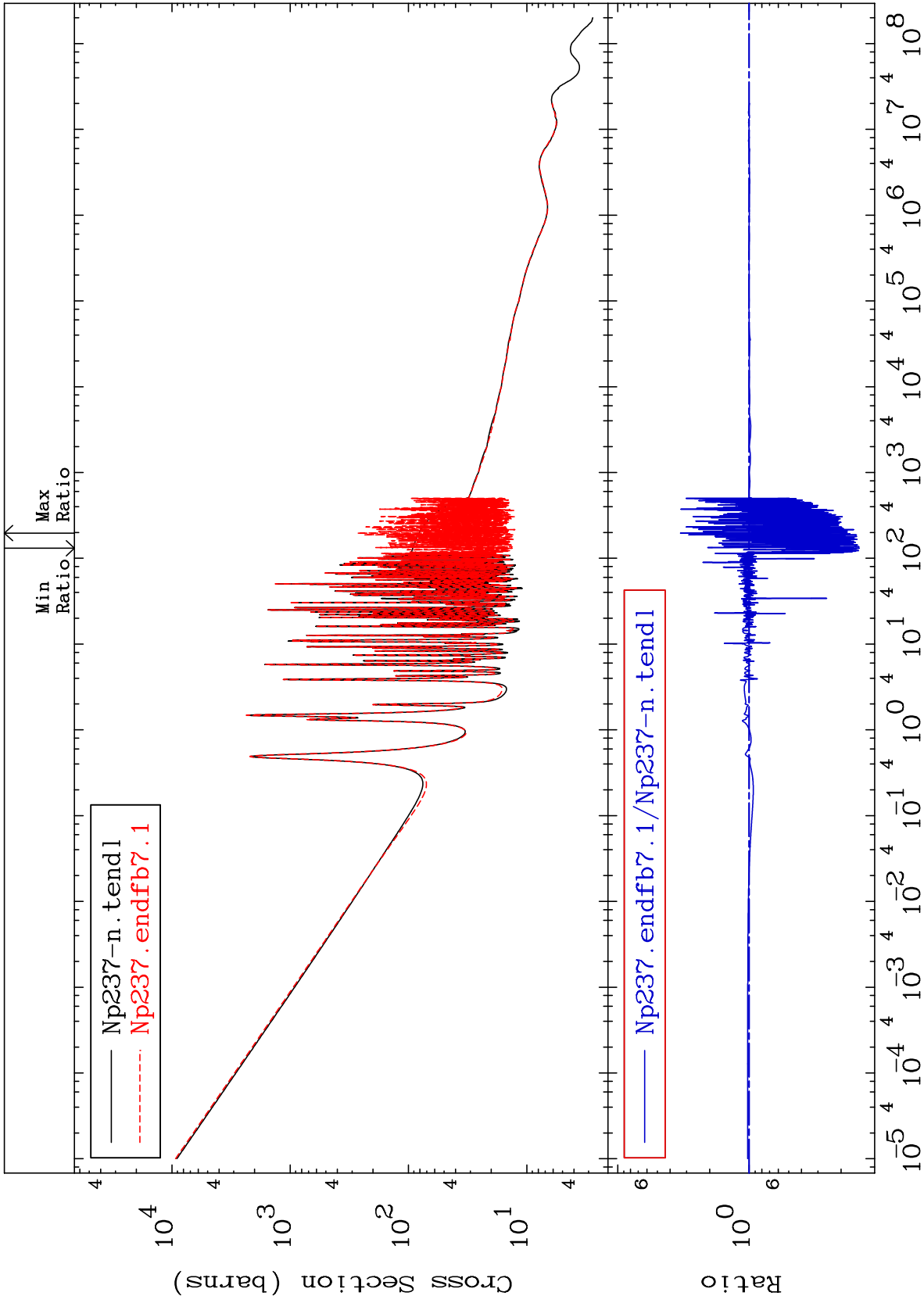
Total
Cross Section

93-Np-237
-2.009 To 1.231 %



MAT 9346

Total Cross Section
93-Np-237
-85.53 To 234.1 %



93-Np-237

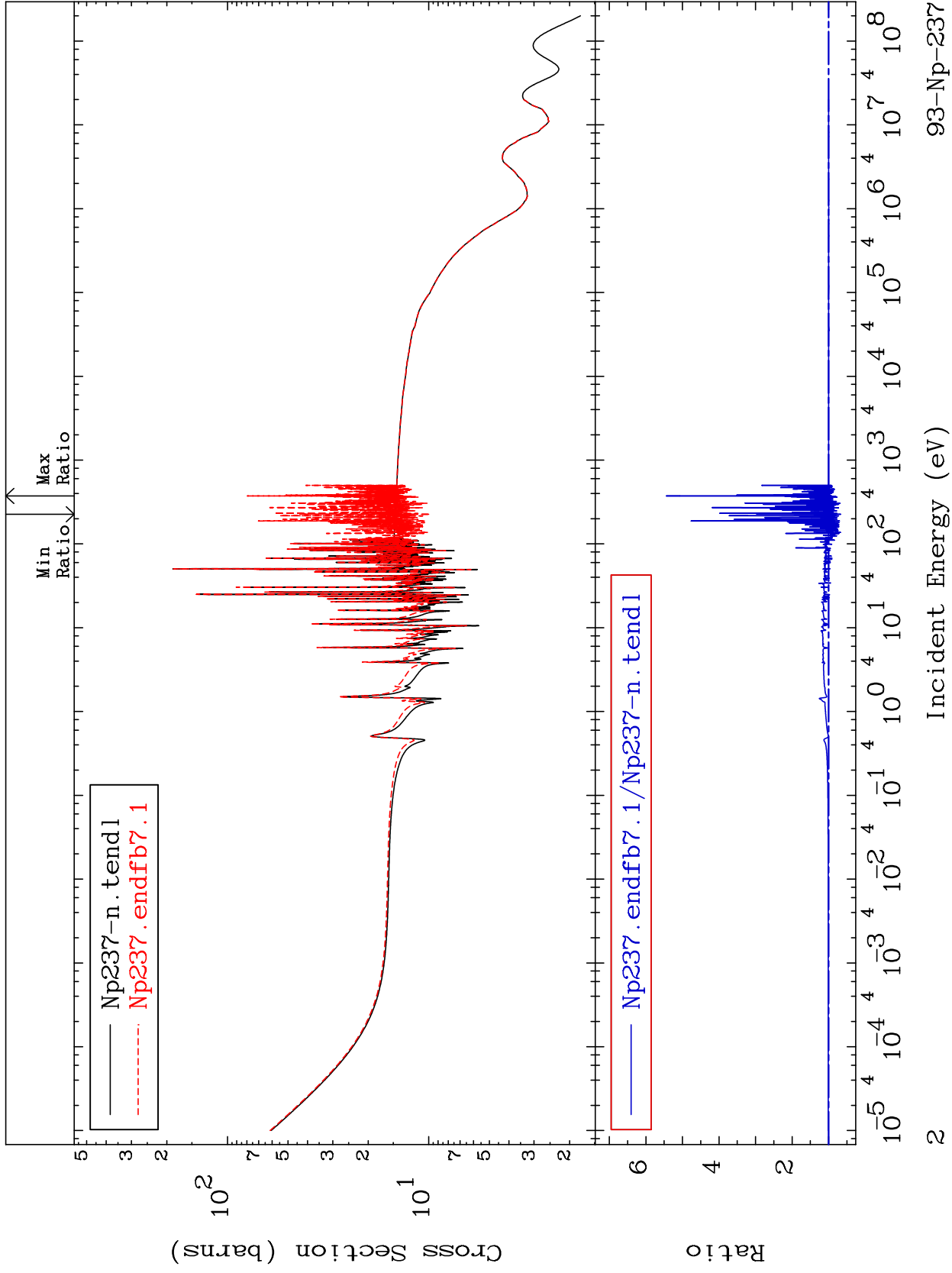
MAT 9346

Elastic

93-Np-237

Cross Section

-33.29 To 445.1 %

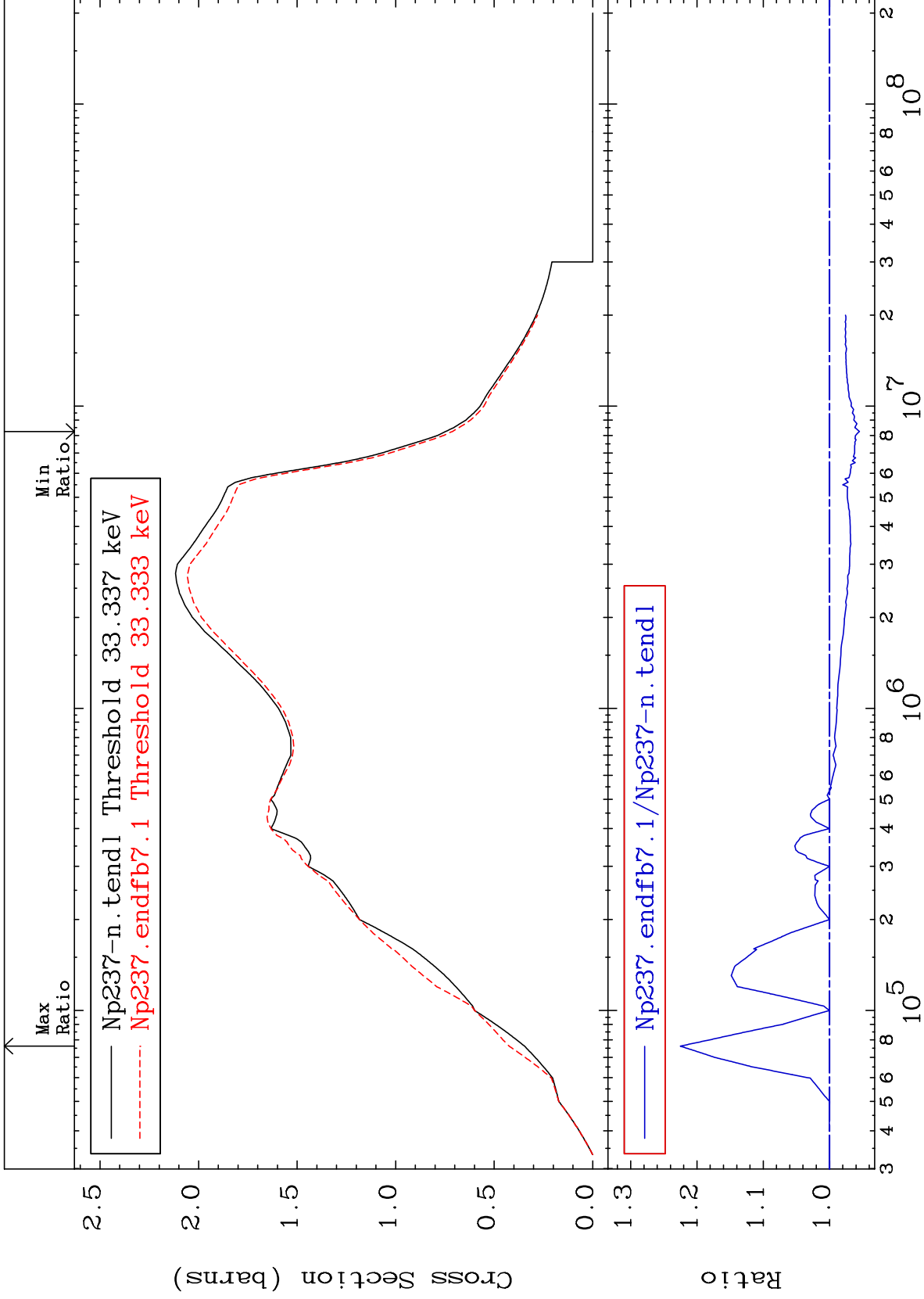


93-Np-237

MAT 9346

Inelastic
Cross Section

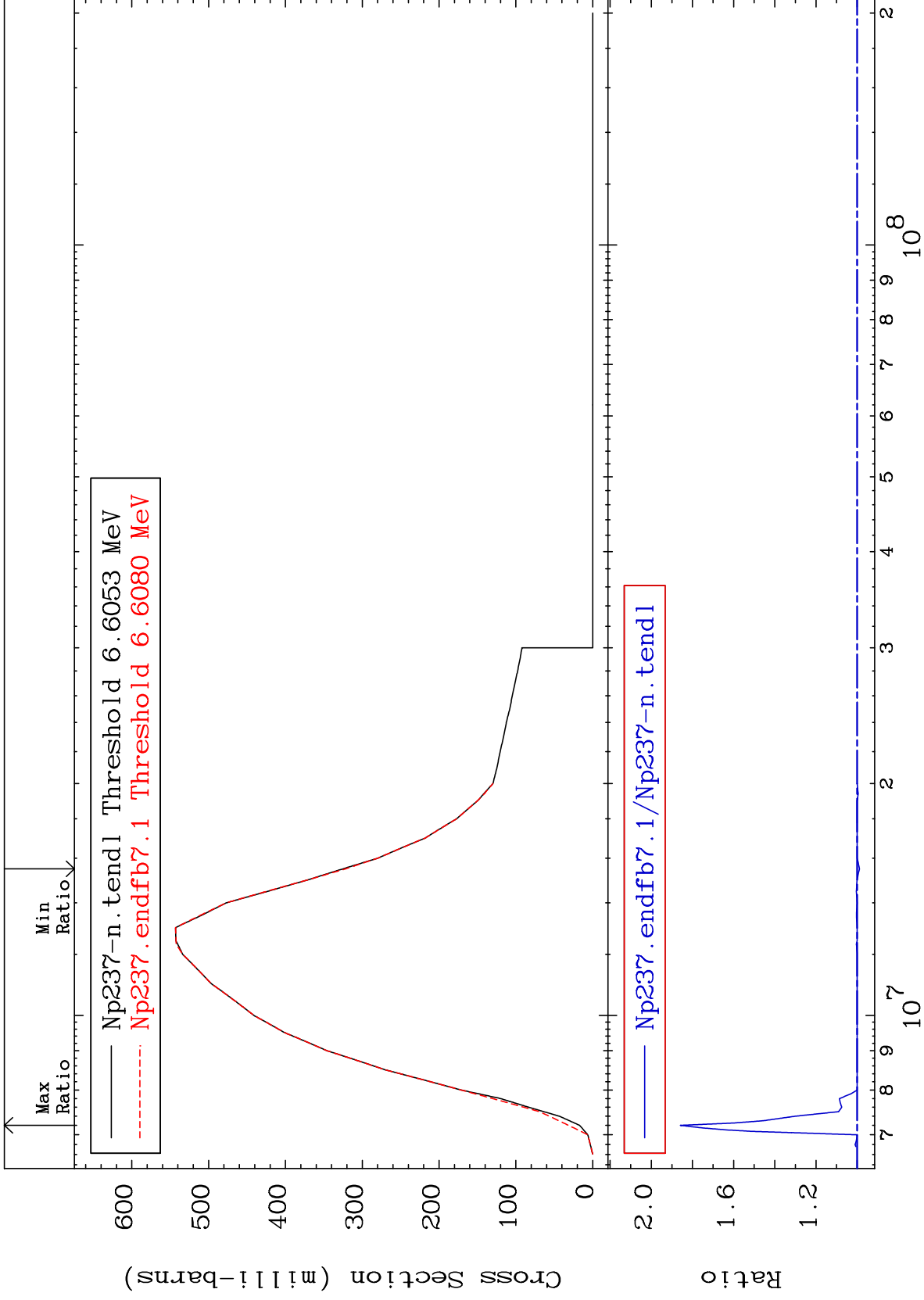
93-Np-237
-4.515 To 22.51 %



MAT 9346

(n,2n)
Cross Section

93-Np-237
-1.108 To 85.89 %



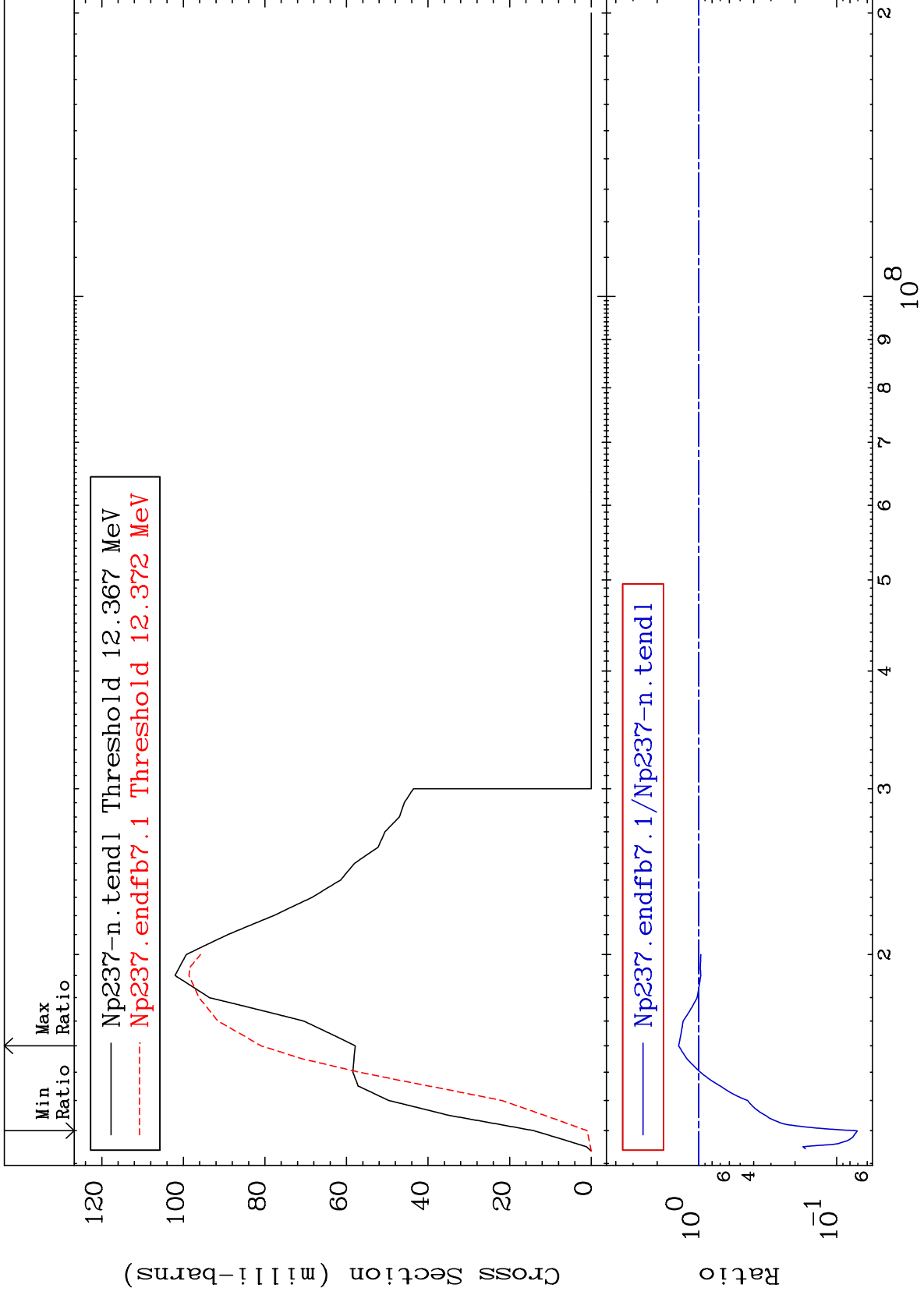
4

93-Np-237

MAT 9346

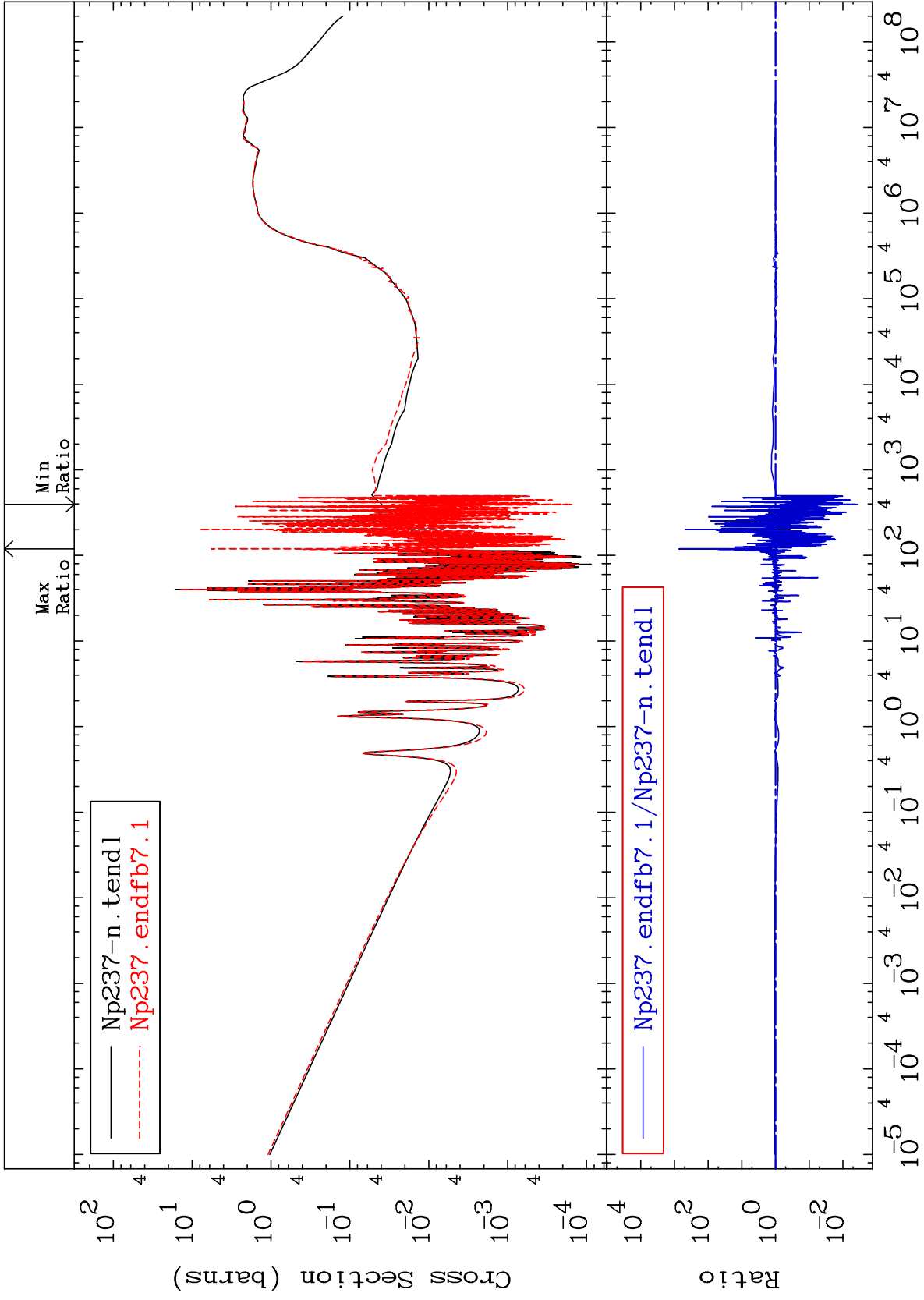
(n,3n)
Cross Section

93-Np-237
-92.92 To 39.93 %



MAT 9346

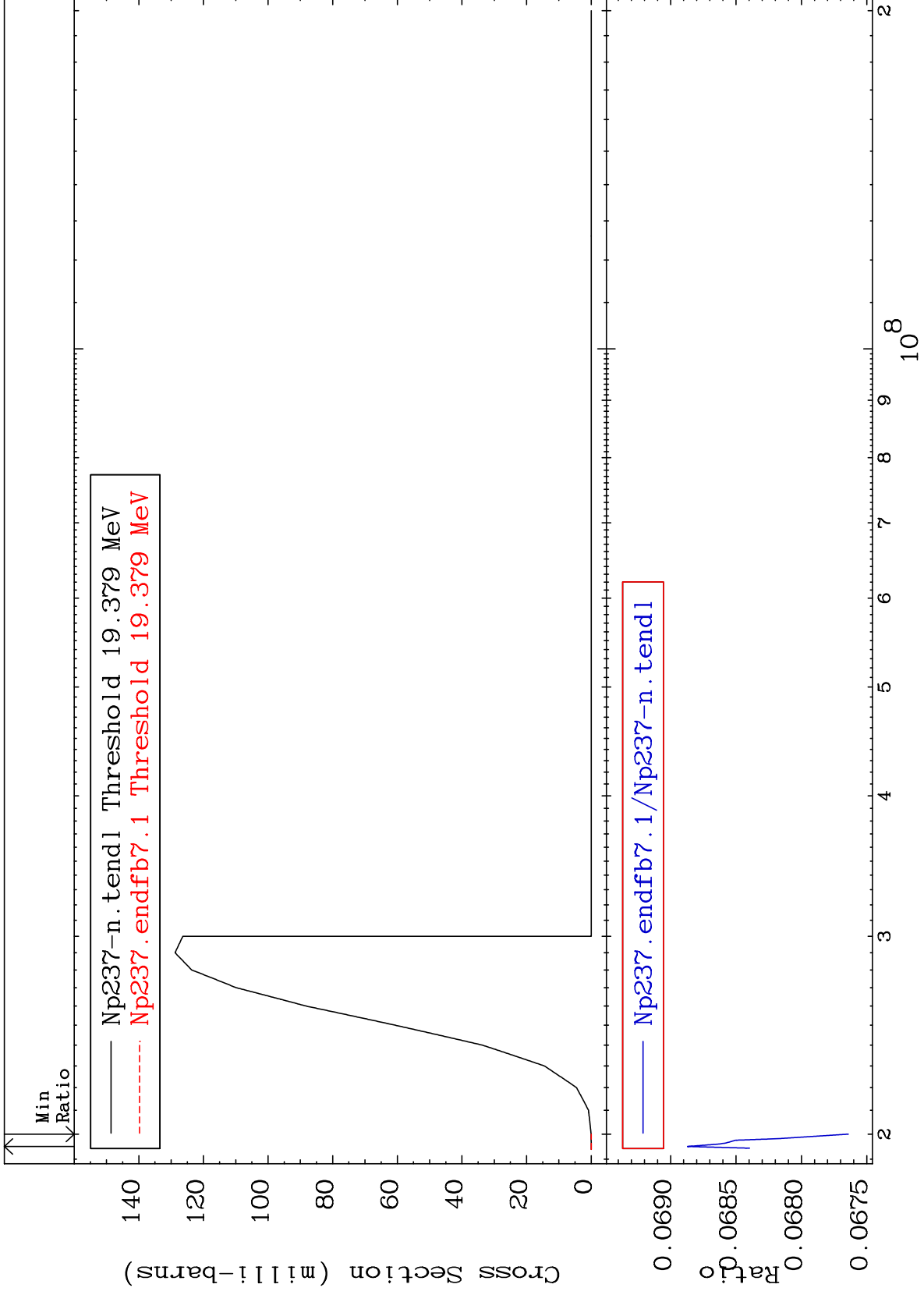
Fission Cross Section 93-Np-237
-99.62 To 9999. %



MAT 9346

(n,4n)
Cross Section

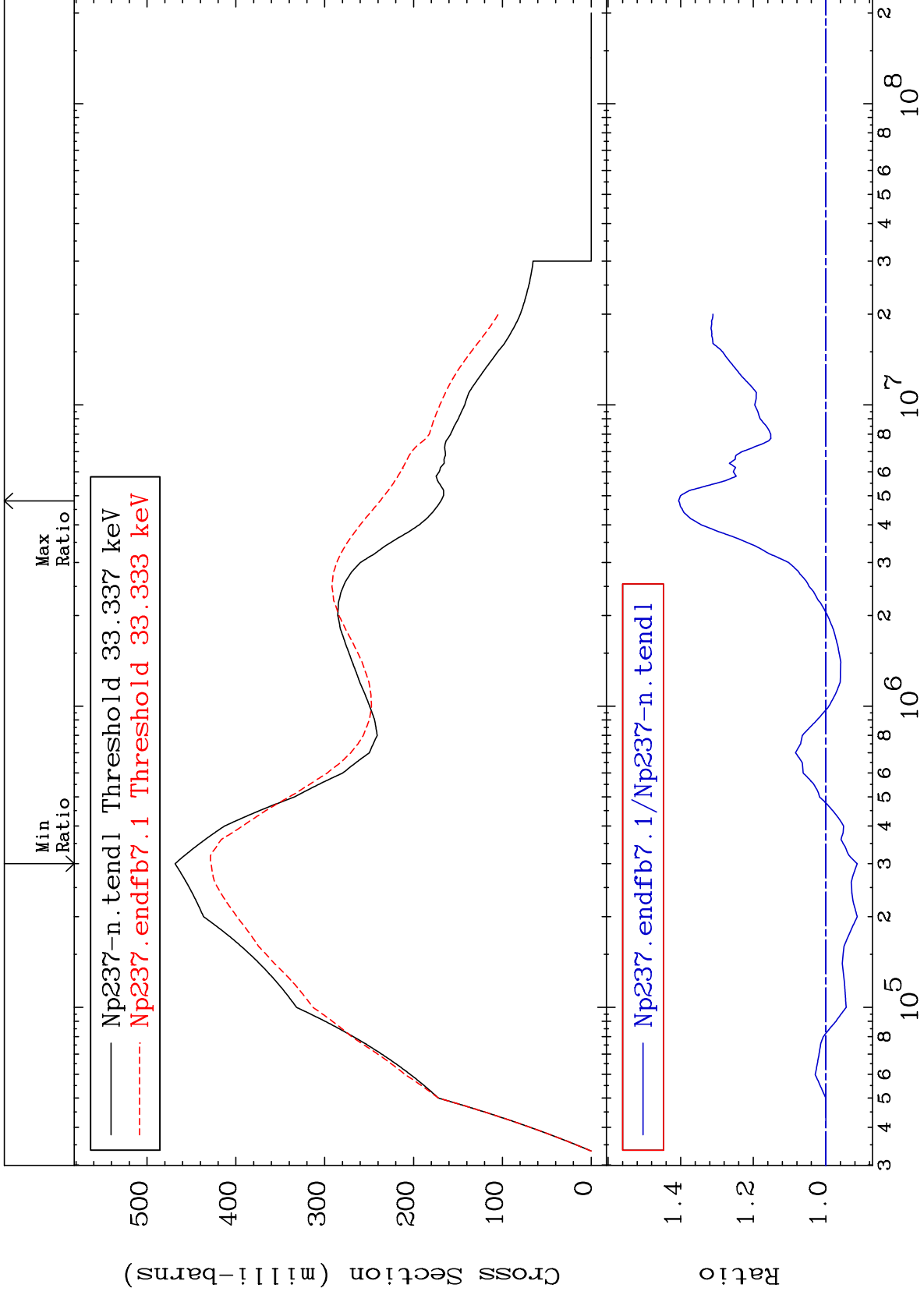
93-Np-237
-93.24 To -93.11%



MAT 9346

33.20 keV (n,n') Level
Cross Section

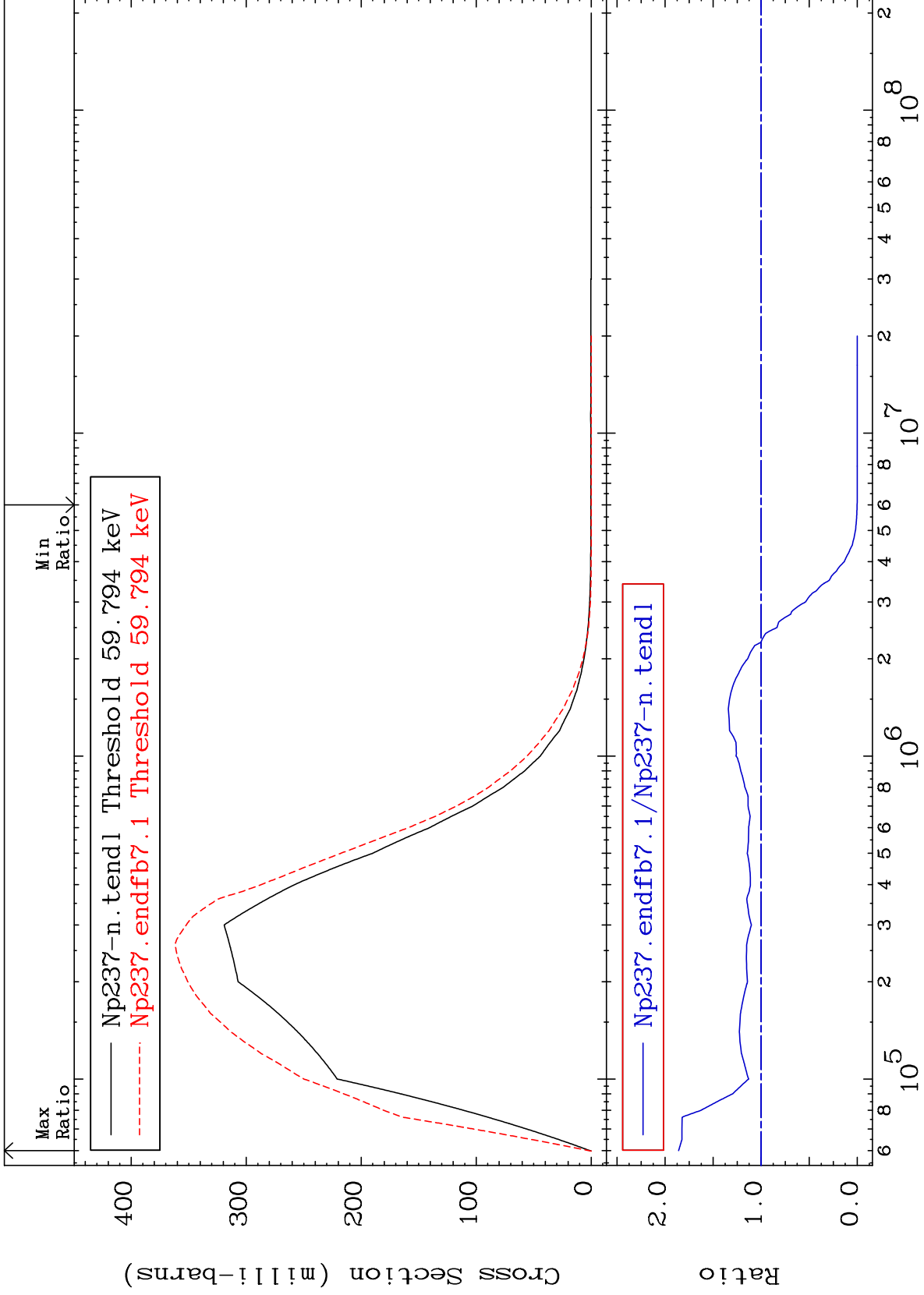
93-Np-237
-8.635 To 40.56 %



MAT 9346

59.54 keV (n,n') Level
Cross Section

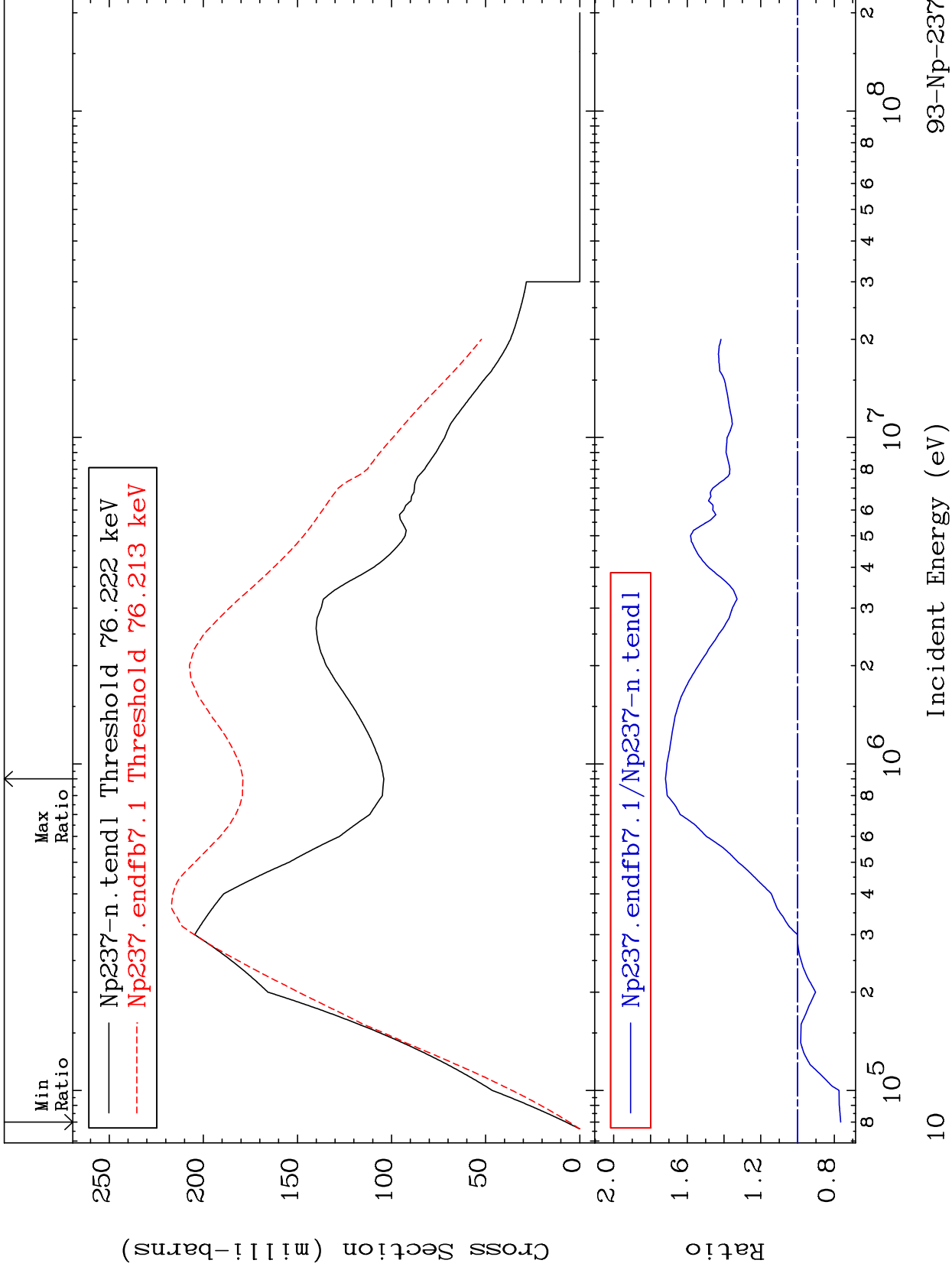
93-Np-237
-100.0 To 85.95 %



MAT 9346

75.90 keV (n,n') Level
Cross Section

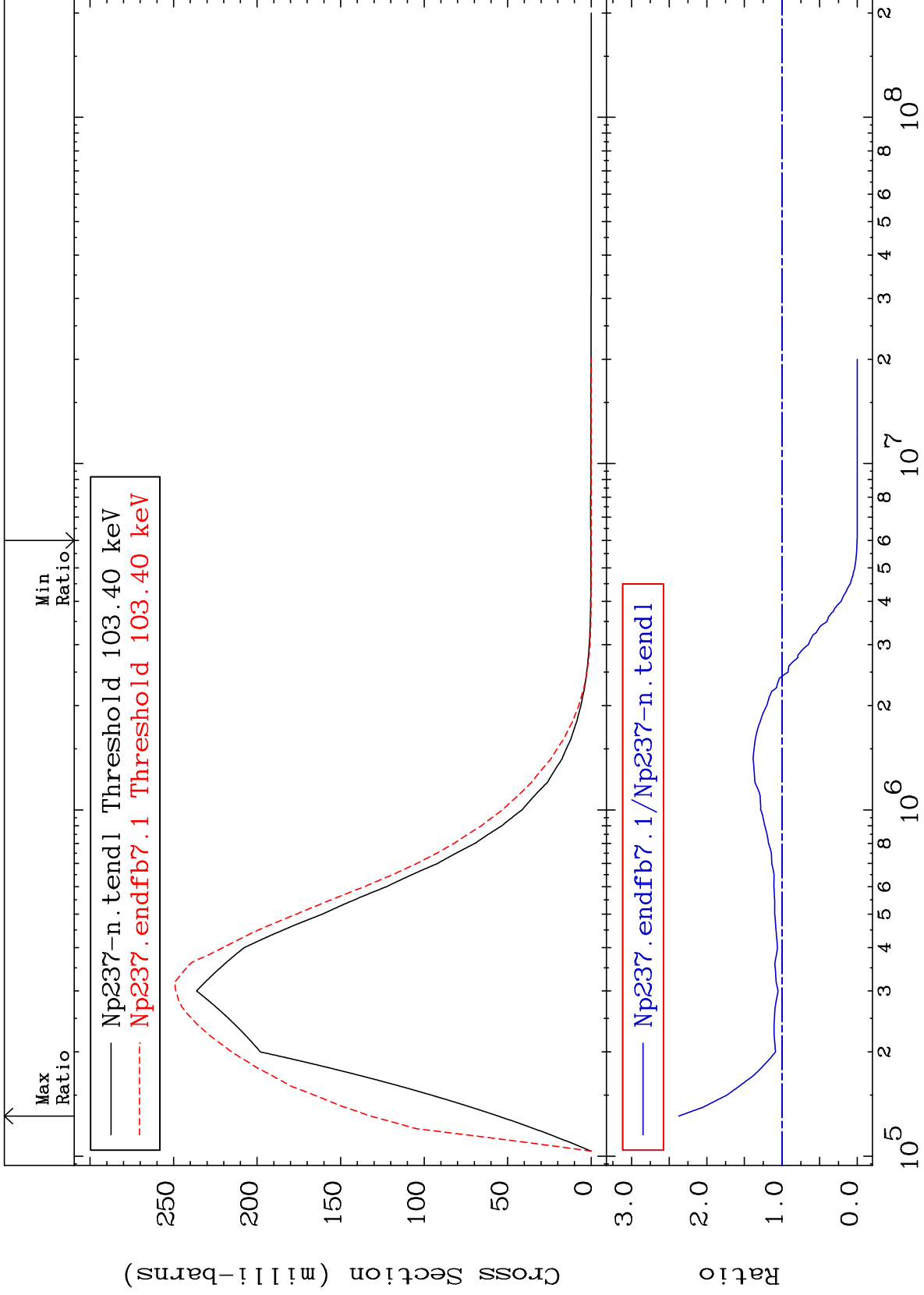
93-Np-237
-23.45 To 71.84 %



MAT 9346

103.0 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To 137.4 %



11

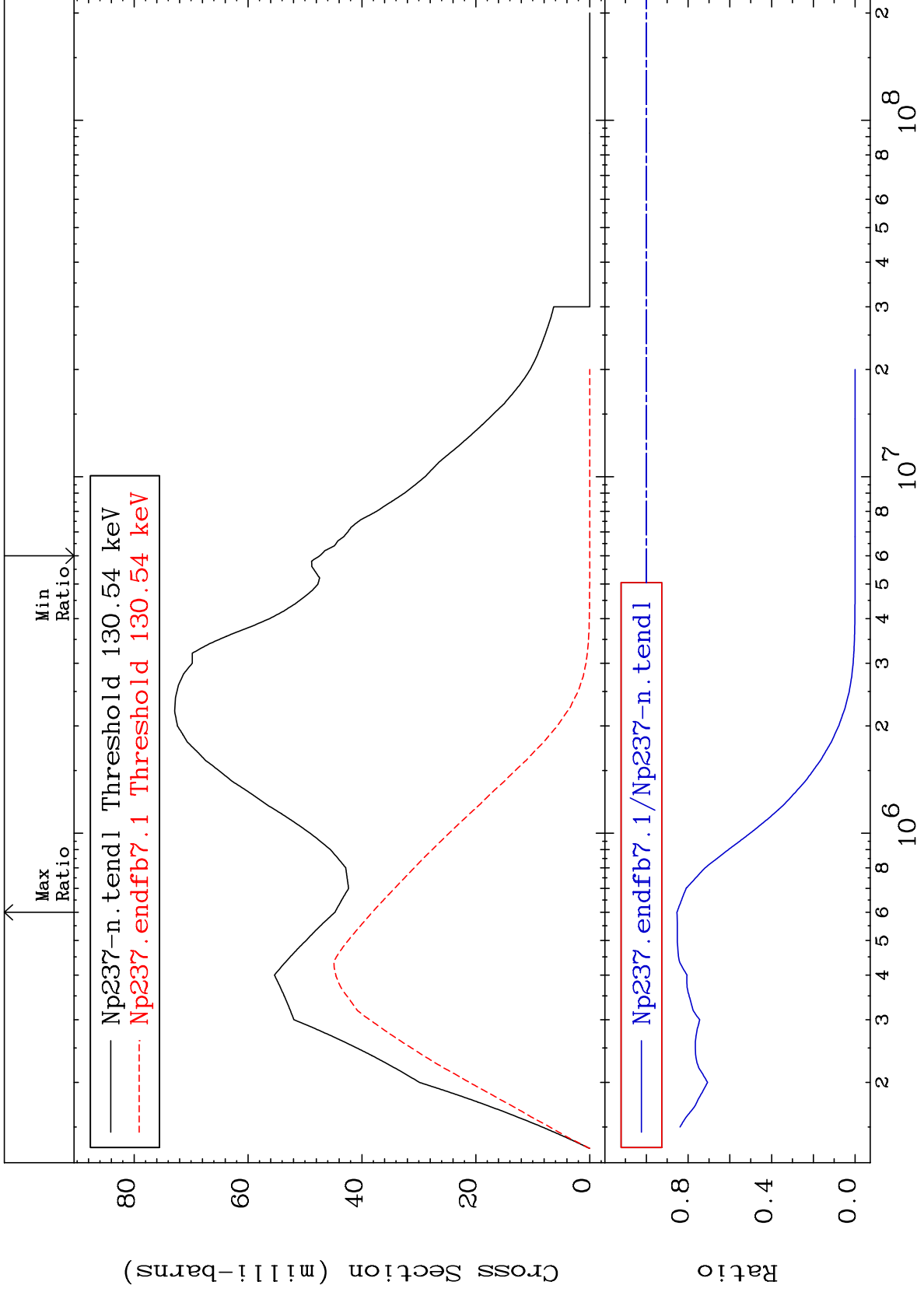
Incident Energy (eV)

93-Np-237

MAT 9346

130.0 keV (n,n') Level
Cross Section

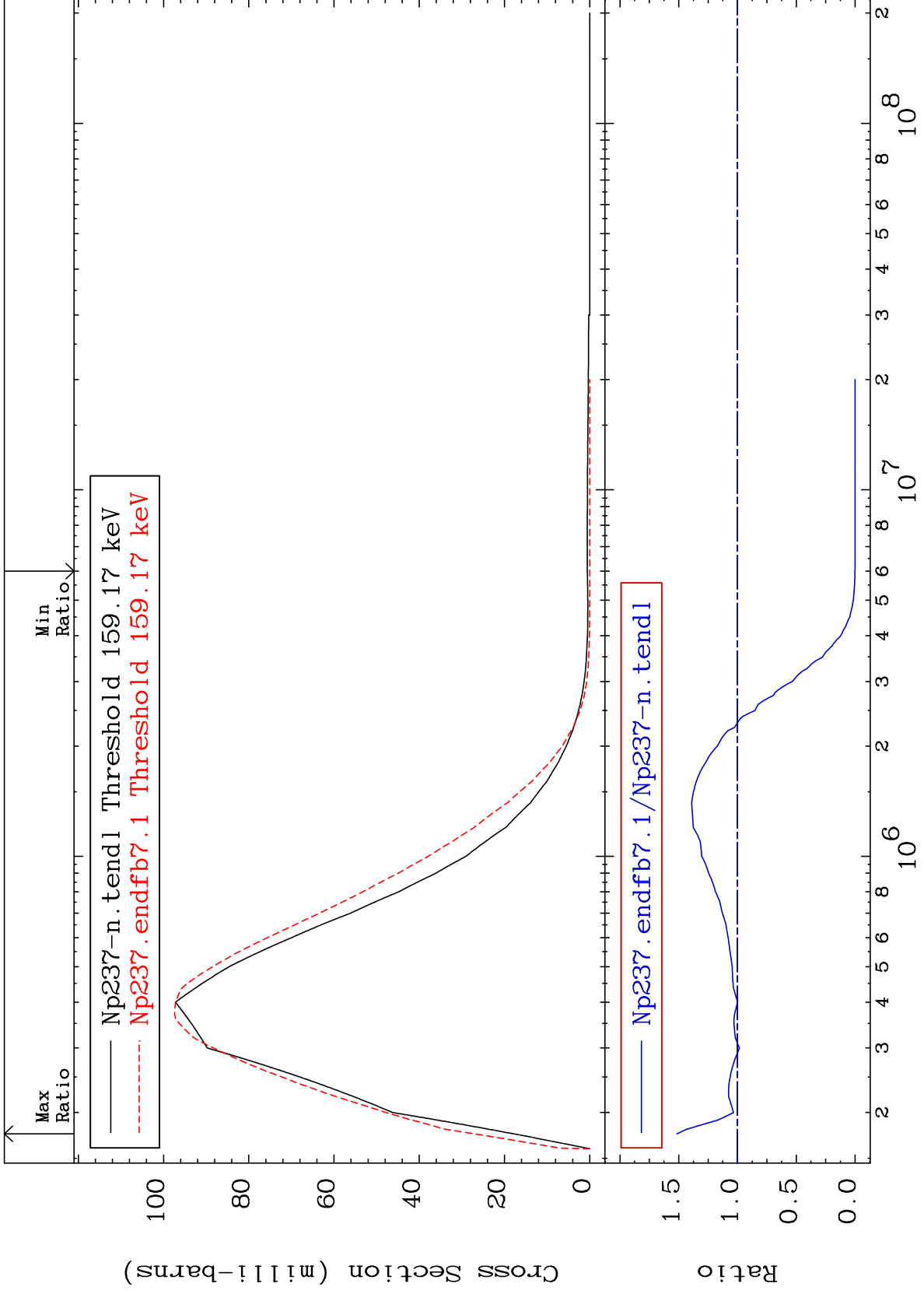
93-Np-237
-100.0 To -14.65%



MAT 9346

158.5 keV (n,n') Level
Cross Section

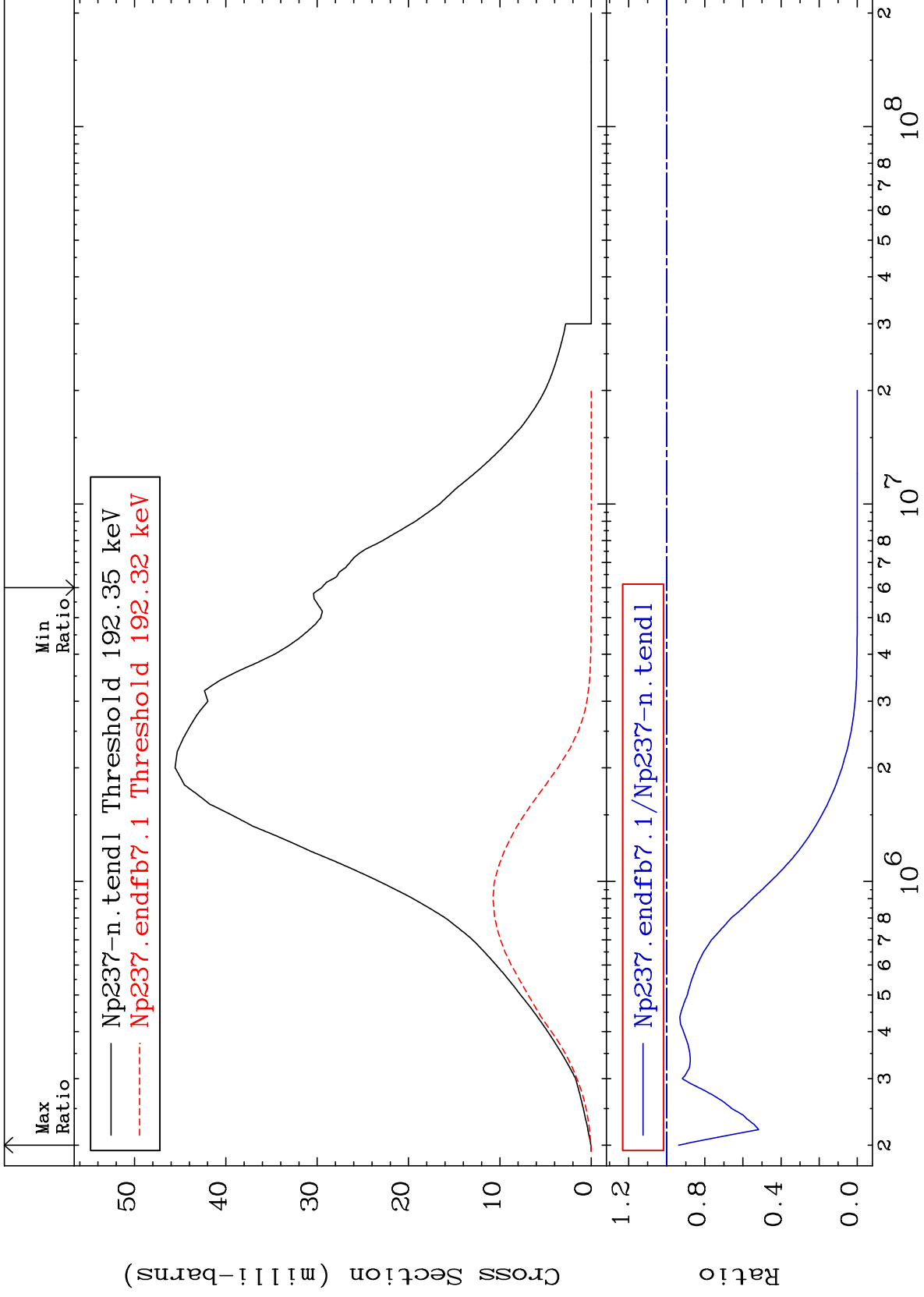
93-Np-237
-100.0 To 51.54 %



MAT 9346

191.5 keV (n,n') Level
Cross Section

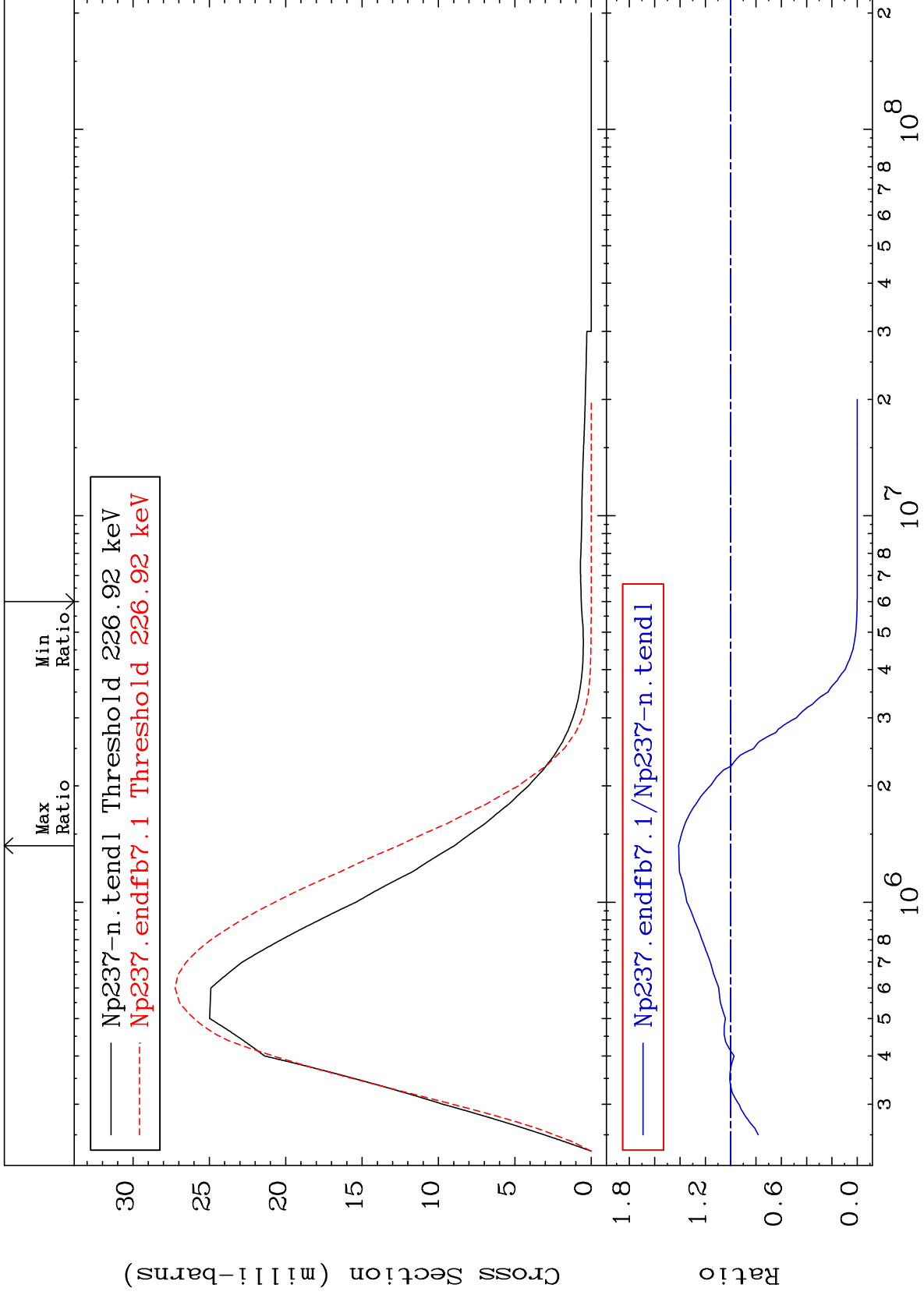
93-Np-237
-100.0 To -6.243%



MAT 9346

226.0 keV (n,n') Level
Cross Section

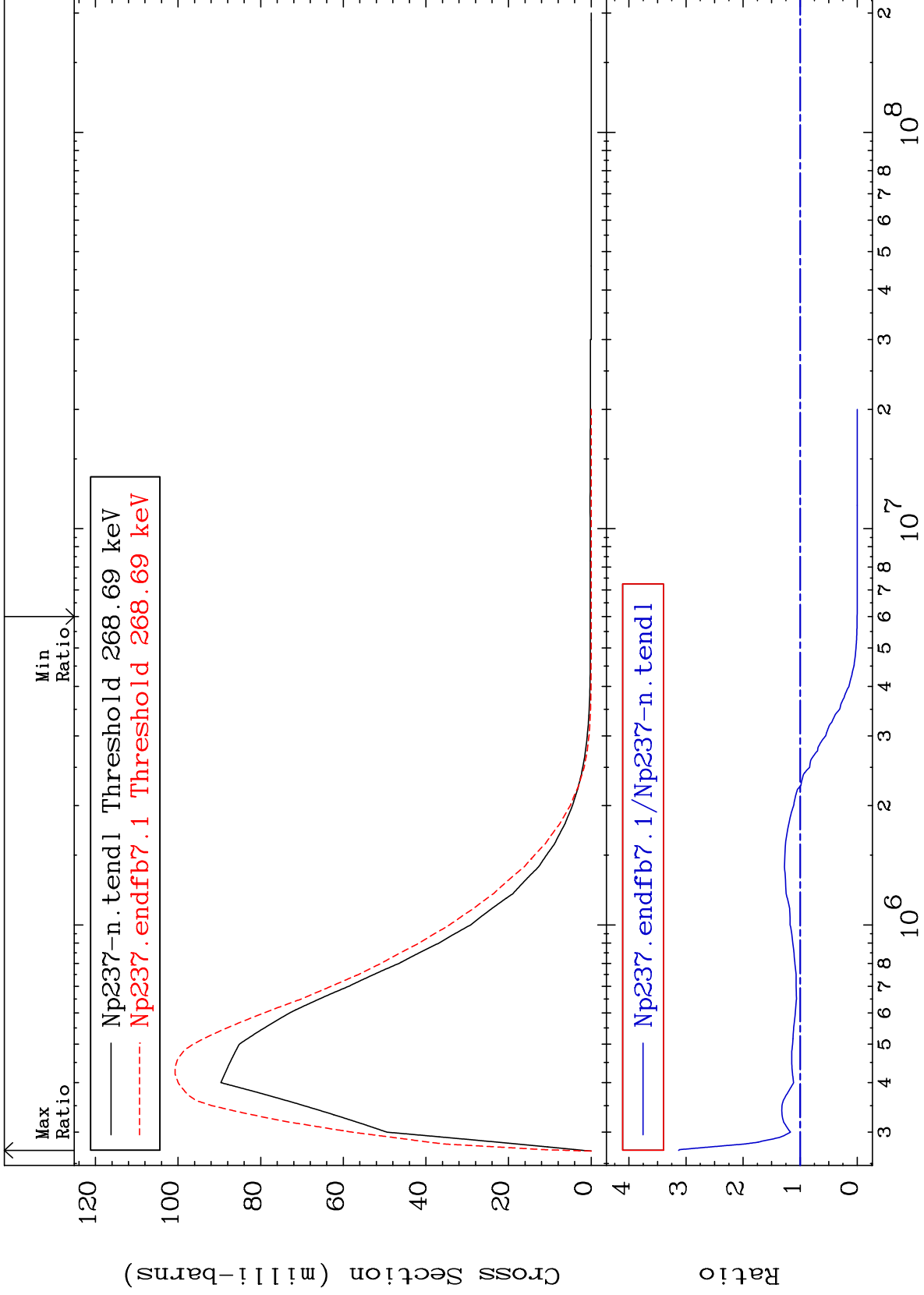
93-Np-237
-100.0 To 41.09 %



MAT 9346

267.6 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To 213.0 %



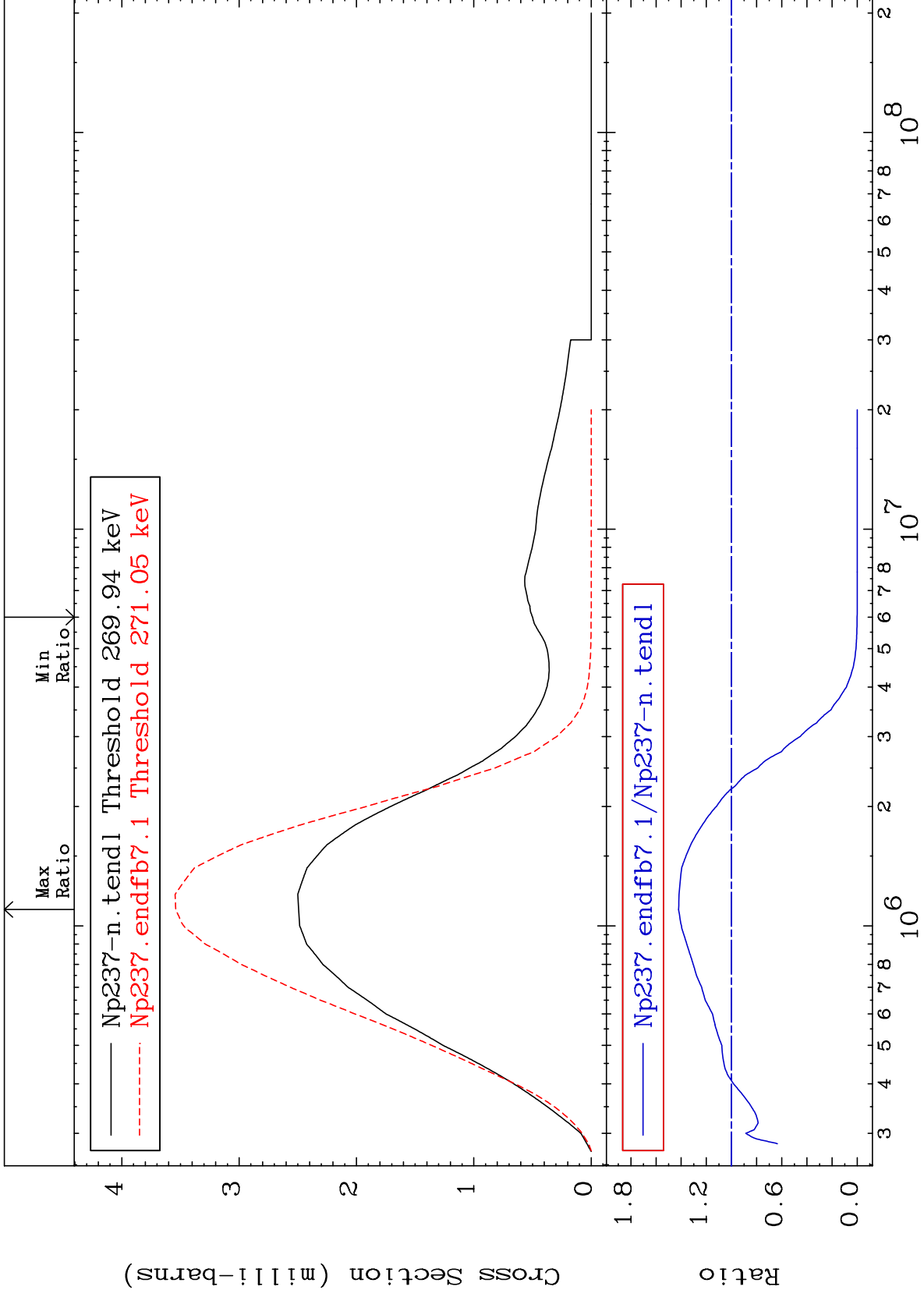
16

93-Np-237

MAT 9346

268.8 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To 42.03 %



17

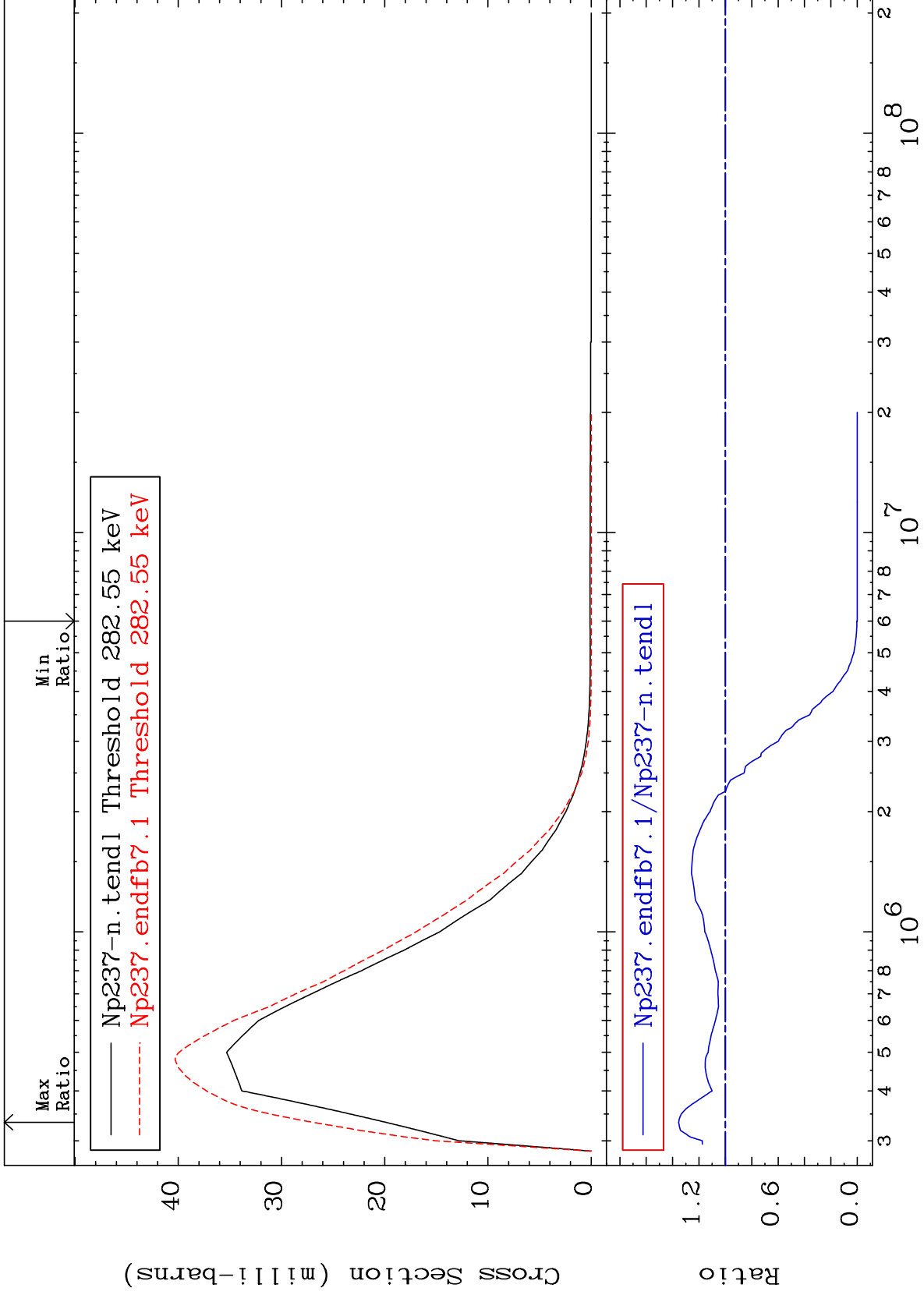
Incident Energy (eV)

93-Np-237

MAT 9346

281.4 keV (n,n') Level
Cross Section

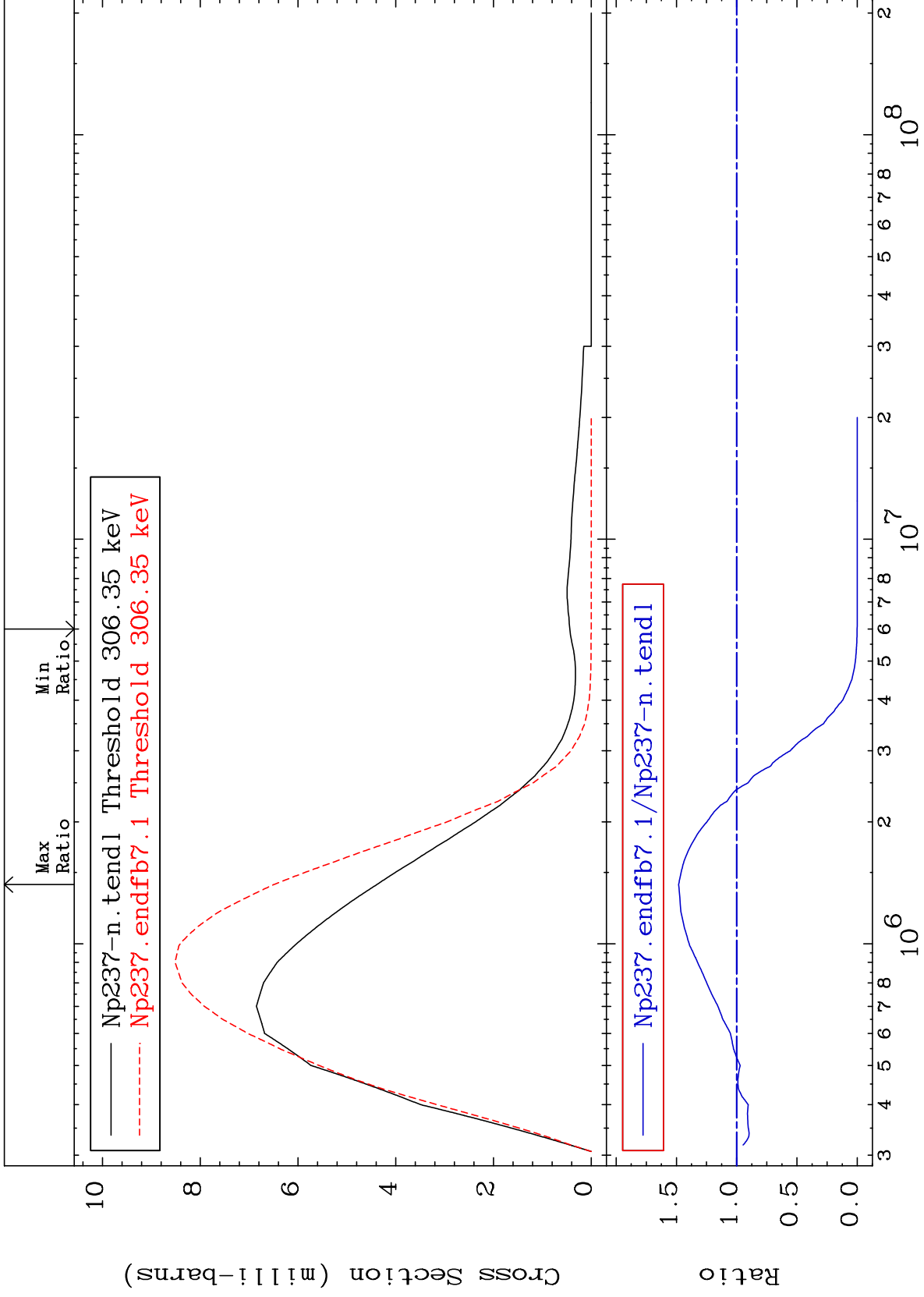
93-Np-237
-100.0 To 35.43 %



MAT 9346

305.1 keV (n,n') Level
Cross Section

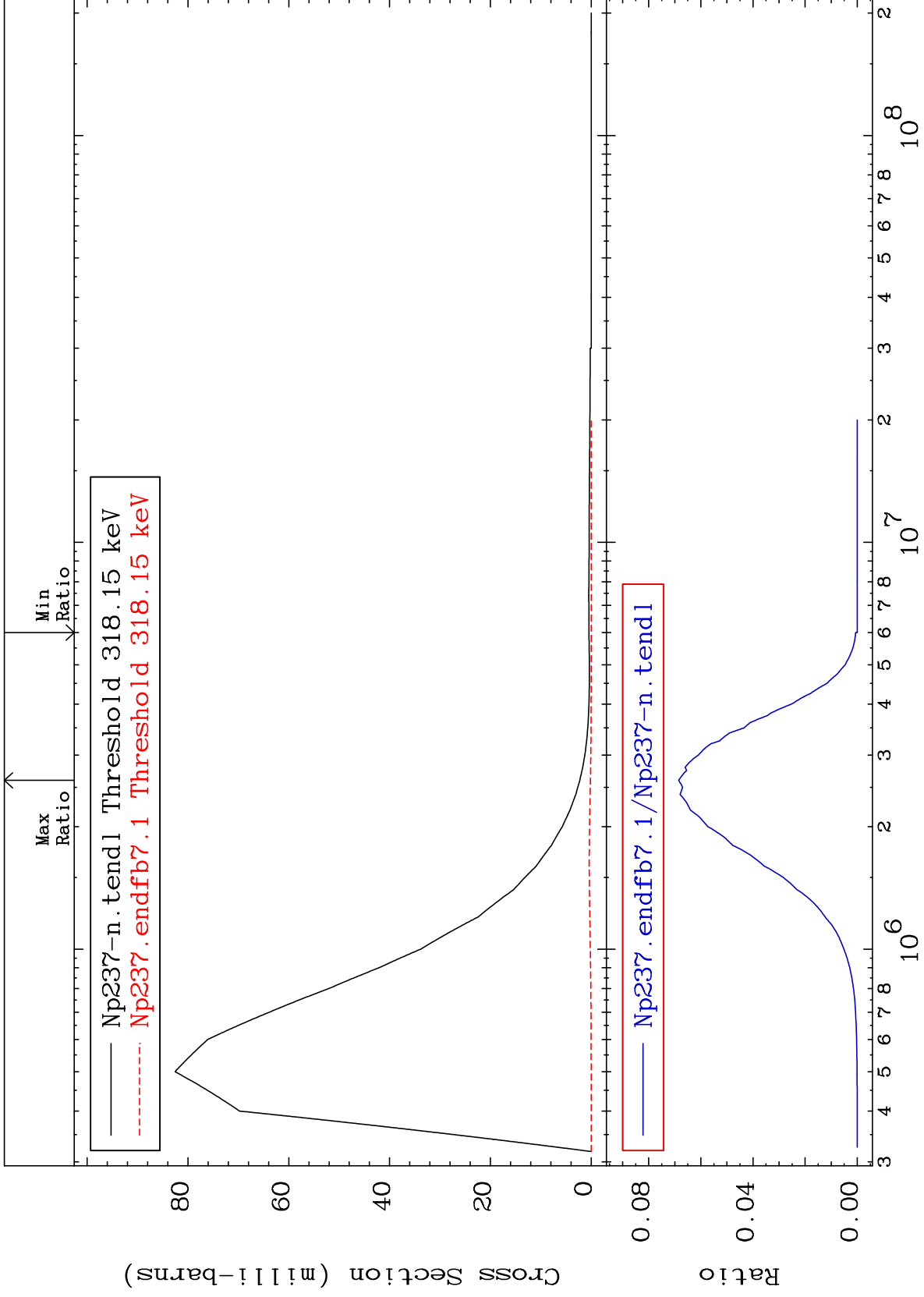
93-Np-237
-100.0 To 48.15 %



MAT 9346

316.8 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To -93.15%



20

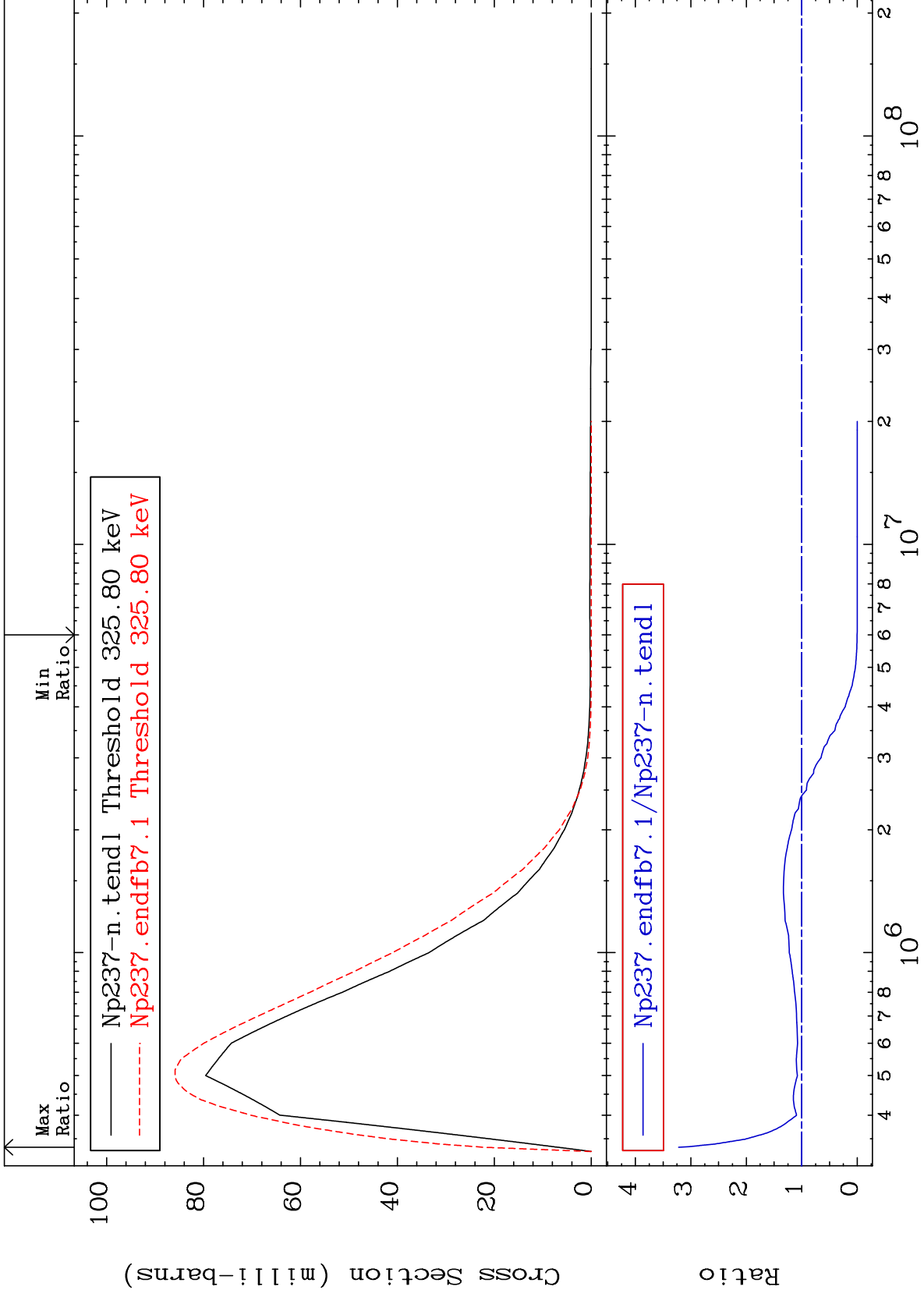
Incident Energy (eV)

93-Np-237

MAT 9346

324.4 keV (n,n') Level
Cross Section

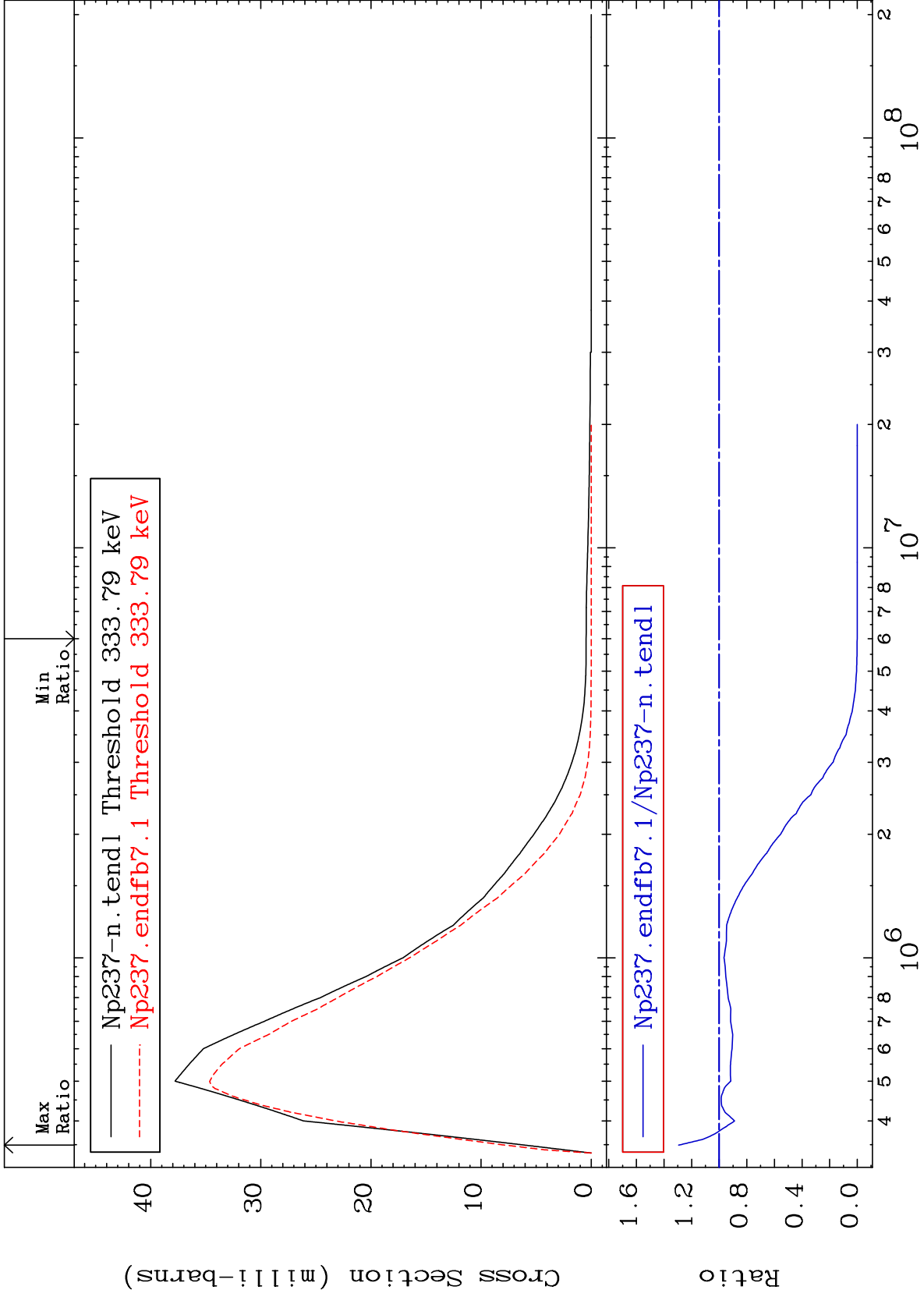
93-Np-237
-100.0 To 222.1 %



MAT 9346

332.4 keV (n,n') Level
Cross Section

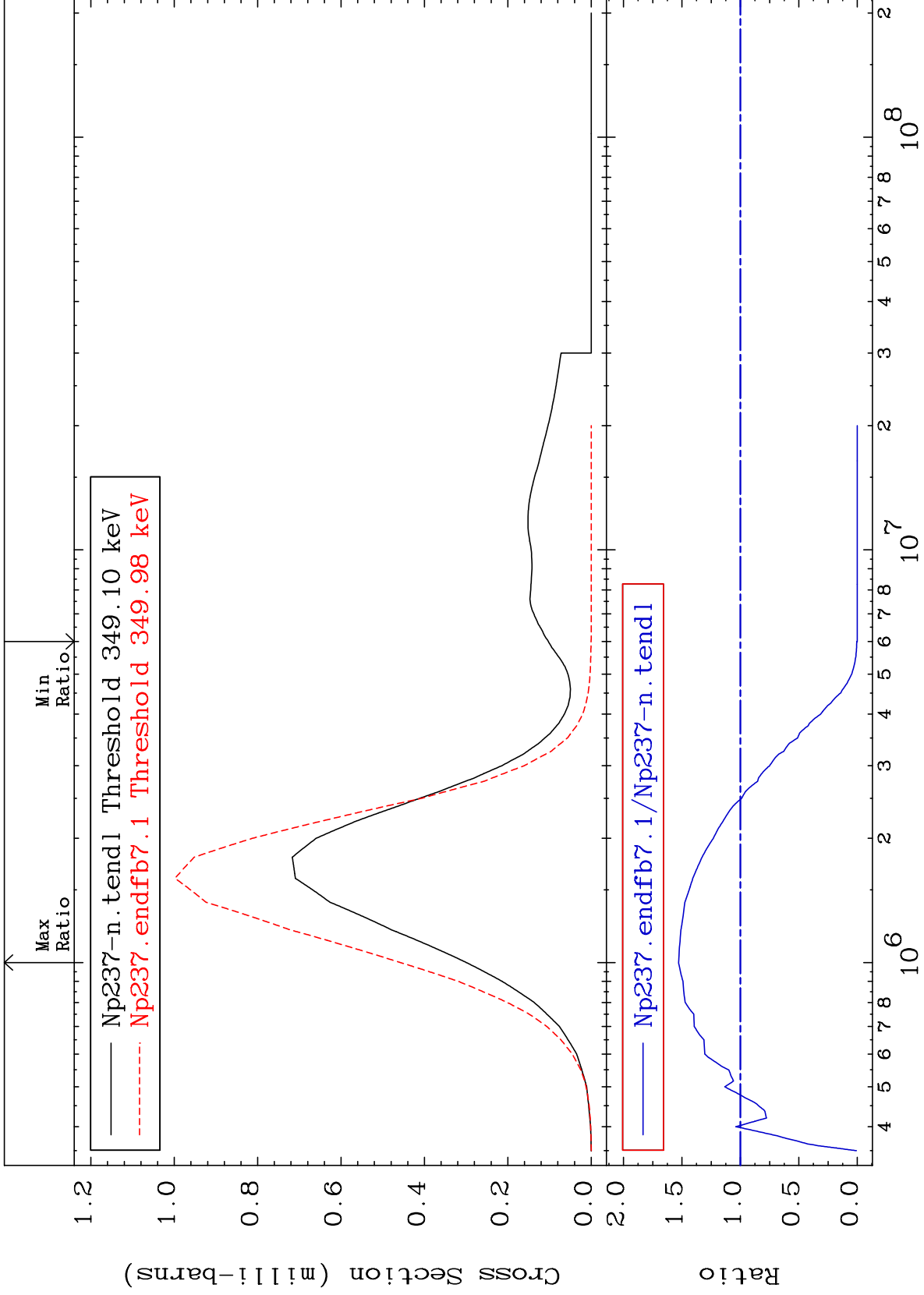
93-Np-237
-100.0 To 29.39 %



MAT 9346

347.6 keV (n,n') Level
Cross Section

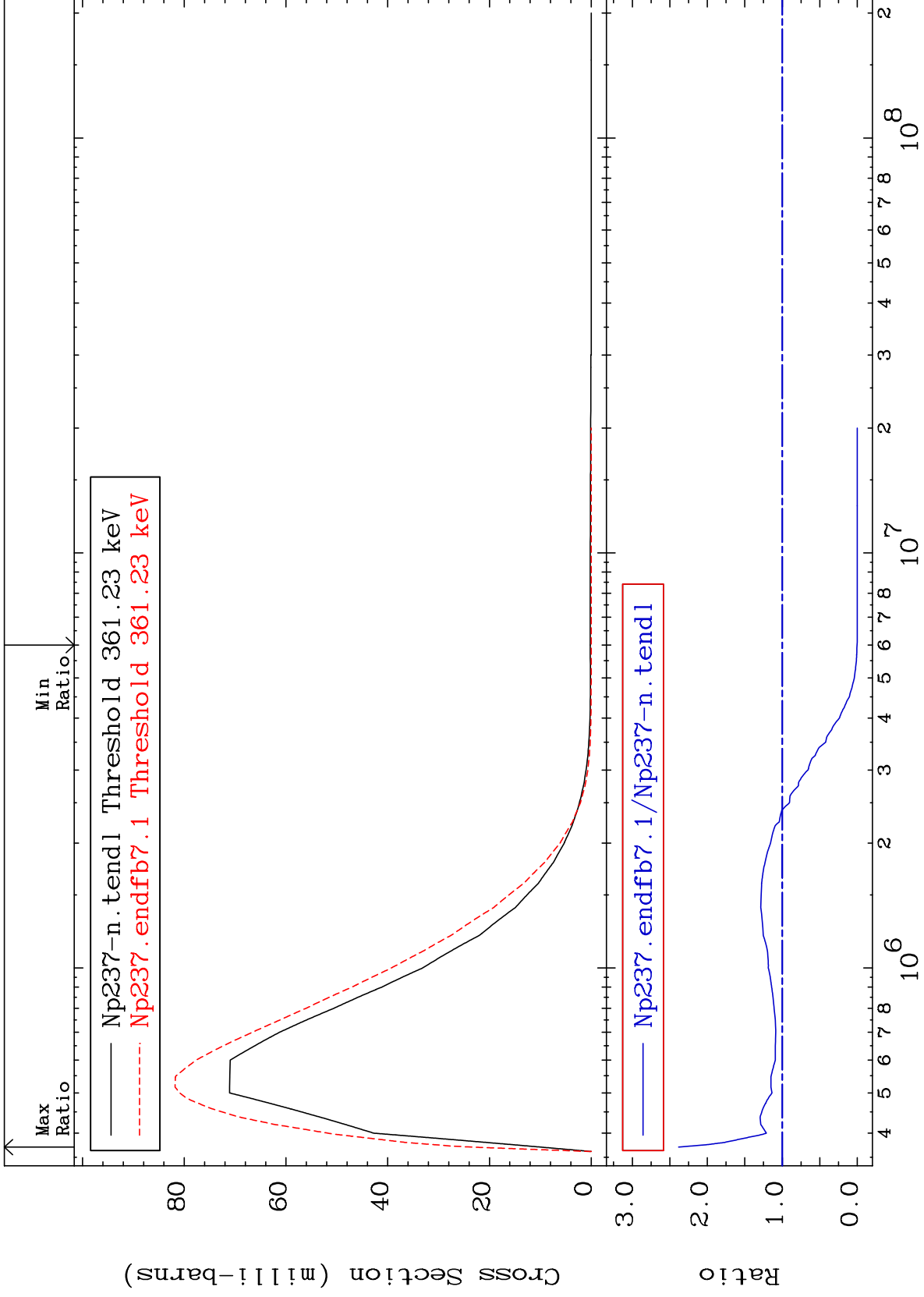
93-Np-237
-100.0 To 52.81 %



MAT 9346

359.7 keV (n,n') Level
Cross Section

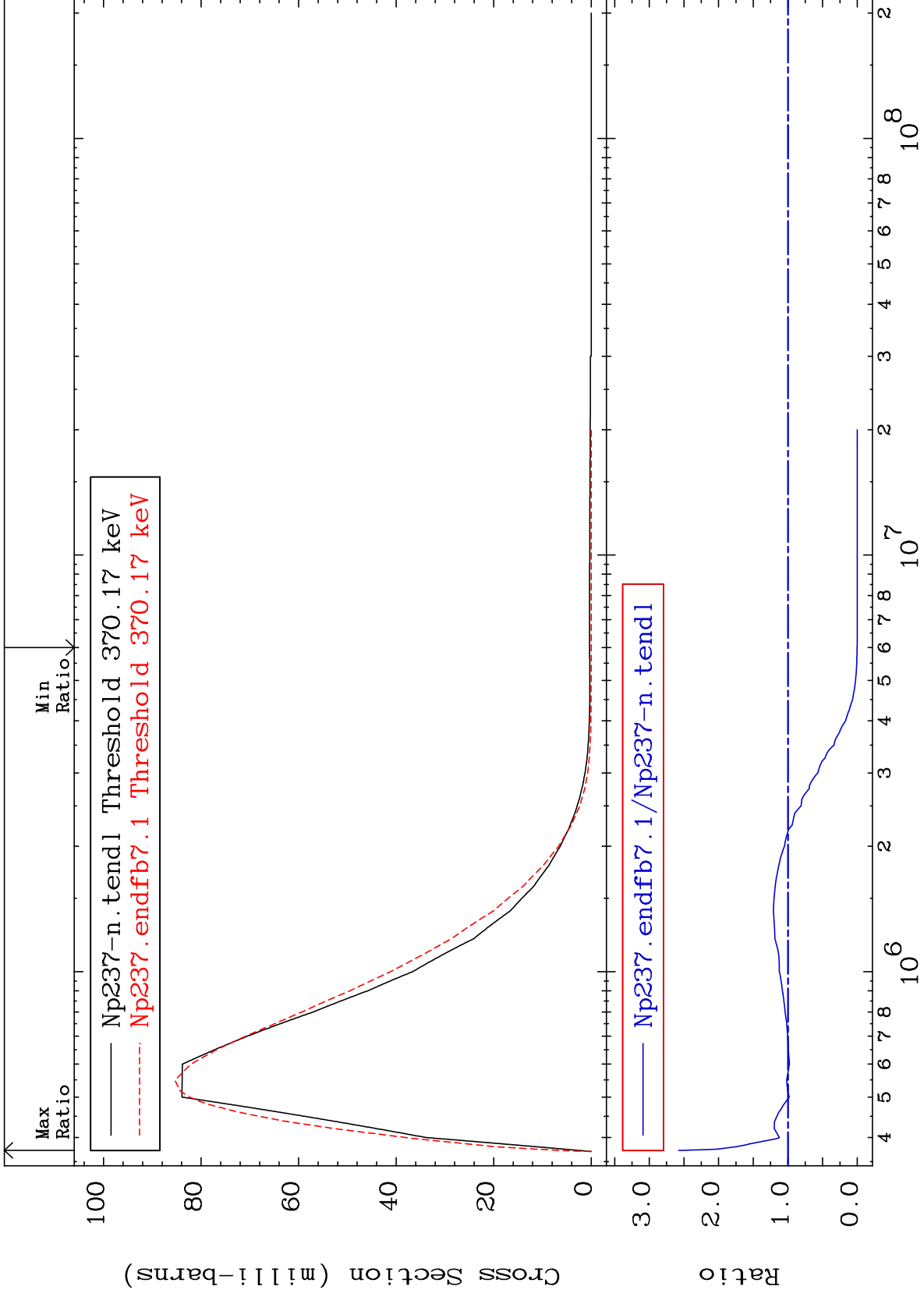
93-Np-237
-100.0 To 138.2 %



MAT 9346

368.6 keV (n,n') Level
Cross Section

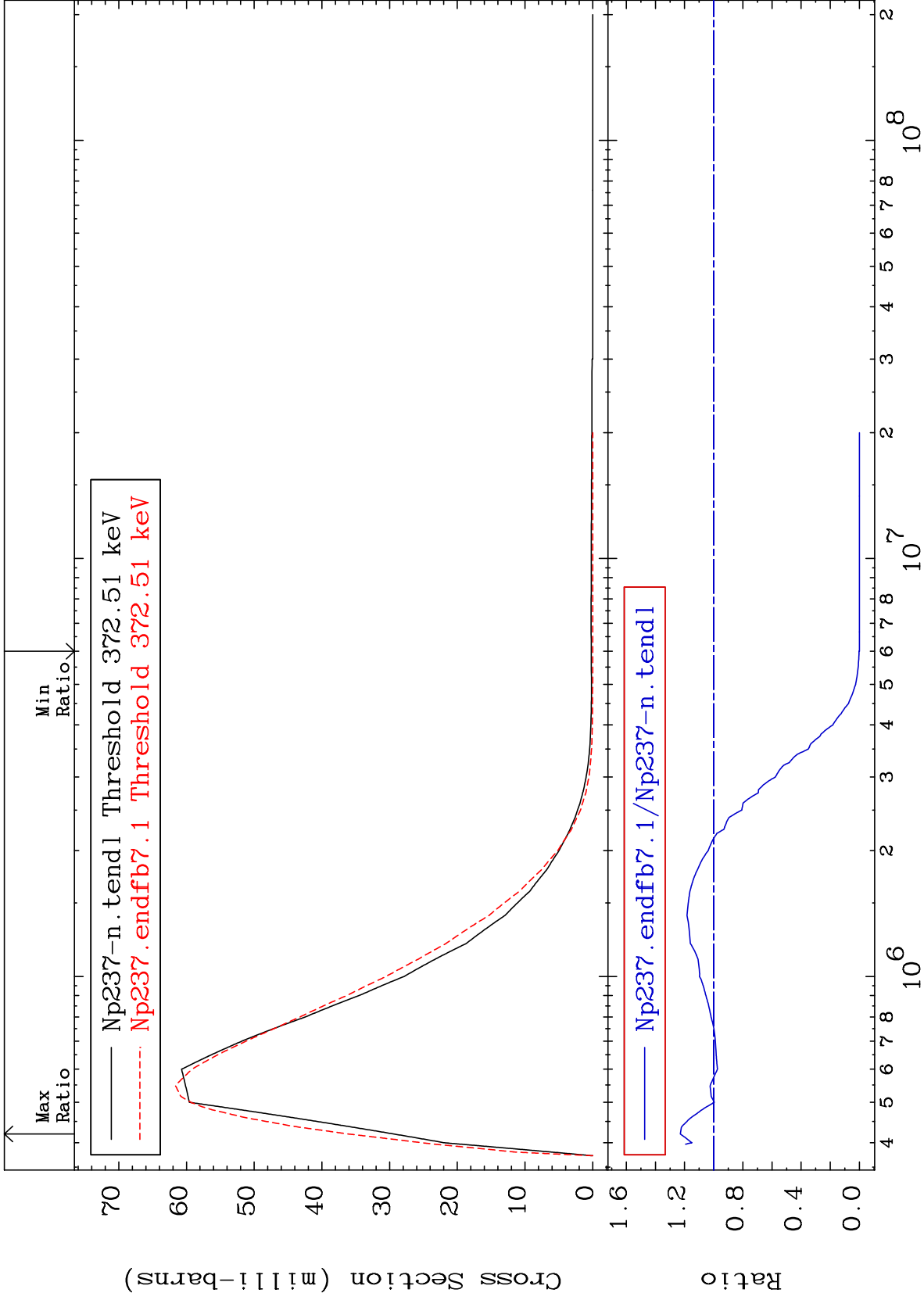
93-Np-237
-100.0 To 157.7 %



MAT 9346

370.9 keV (n,n') Level
Cross Section

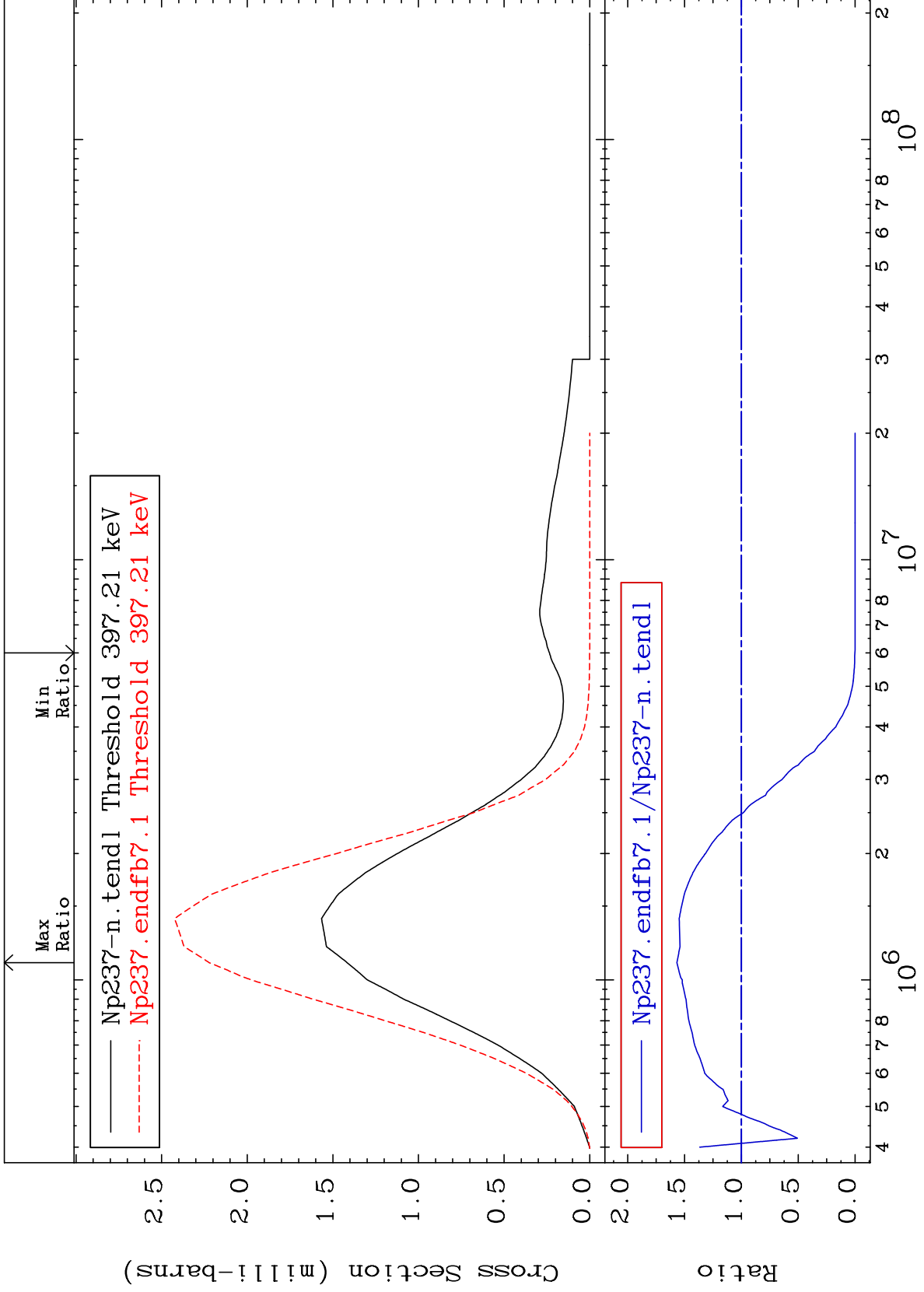
93-Np-237
-100.0 To 22.90 %



MAT 9346

395.5 keV (n,n') Level
Cross Section

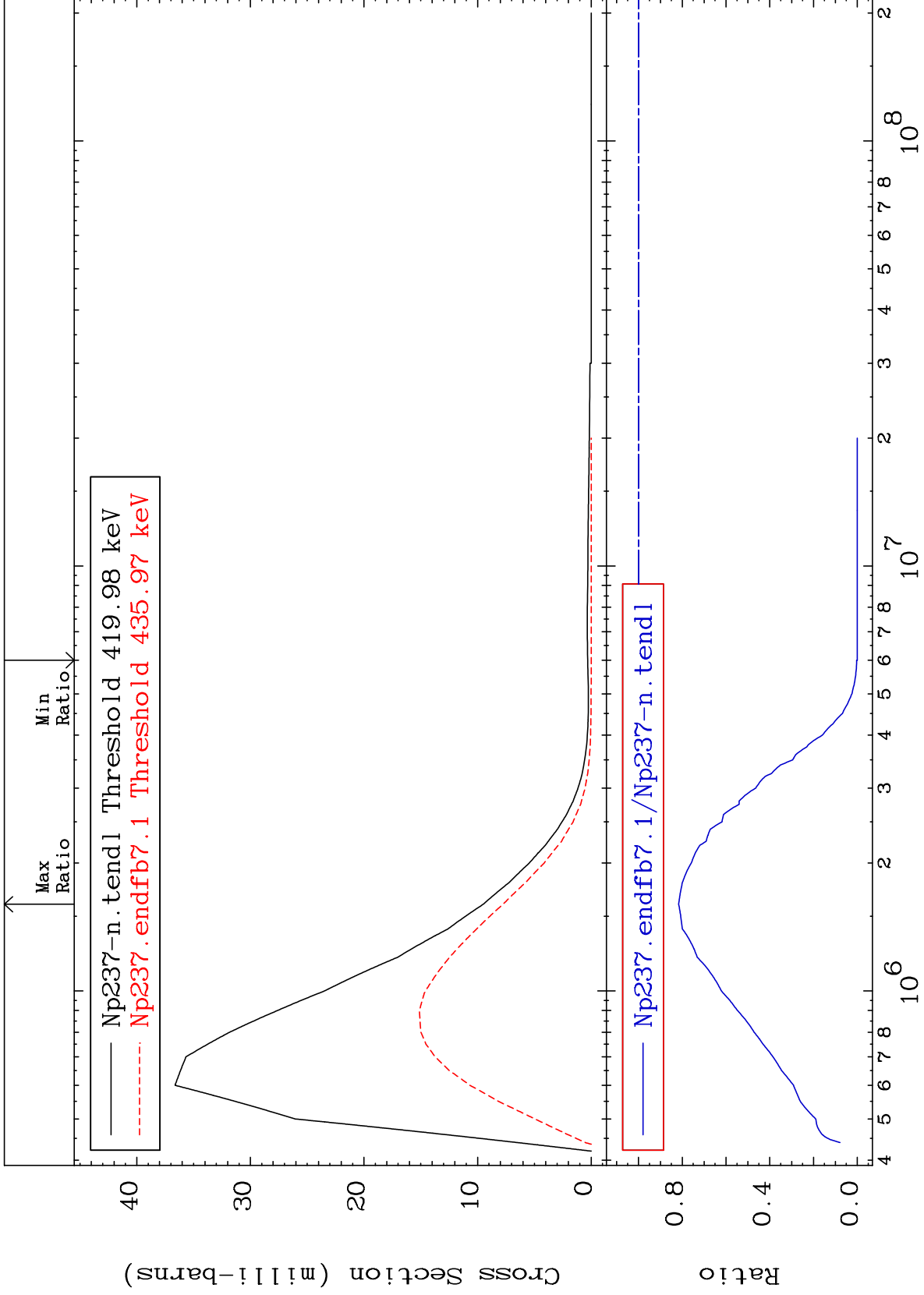
93-Np-237
-100.0 To 56.76 %



MAT 9346

418.2 keV (n,n') Level
Cross Section

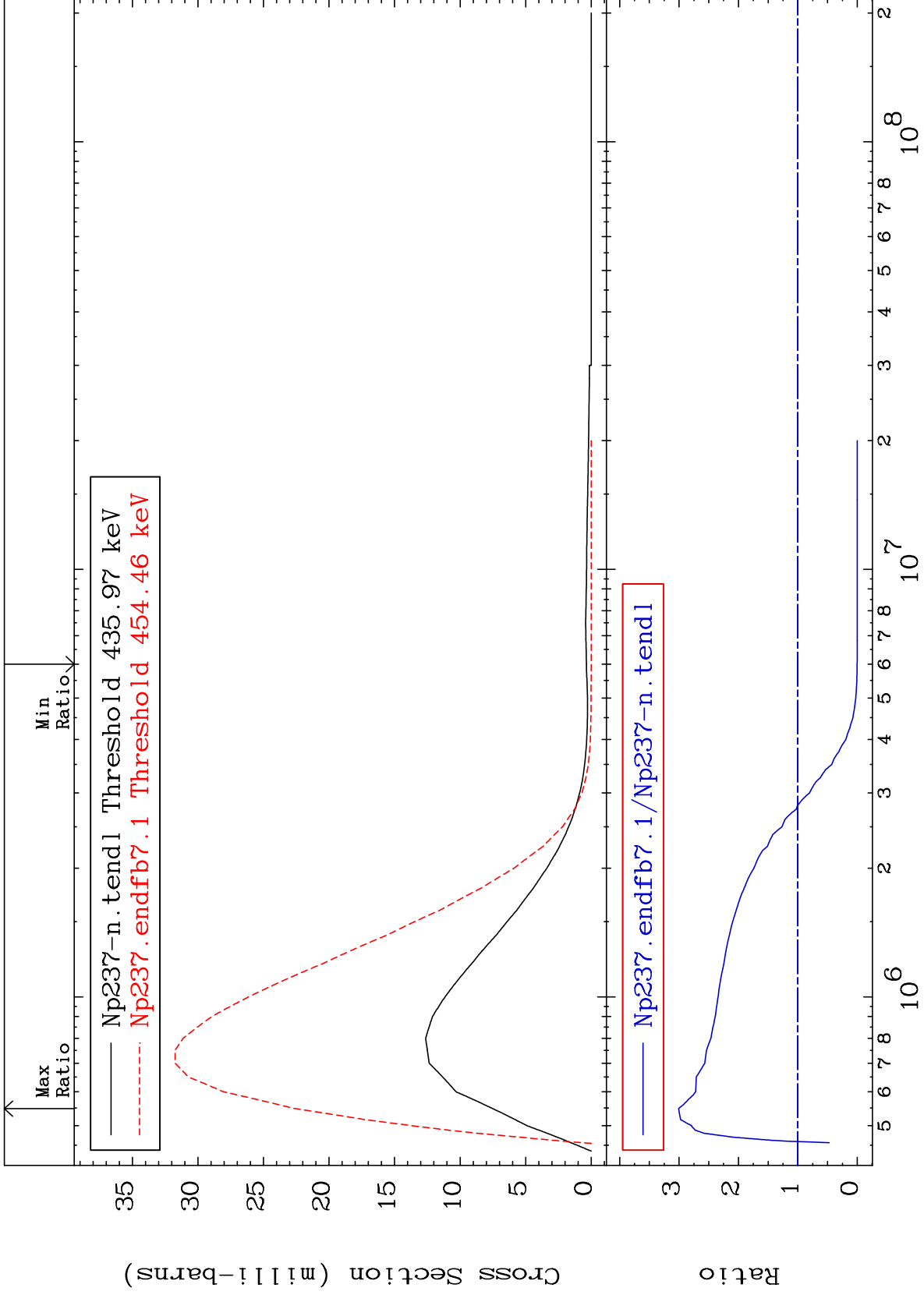
93-Np-237
-100.0 To -18.33%



MAT 9346

434.1 keV (n,n') Level
Cross Section

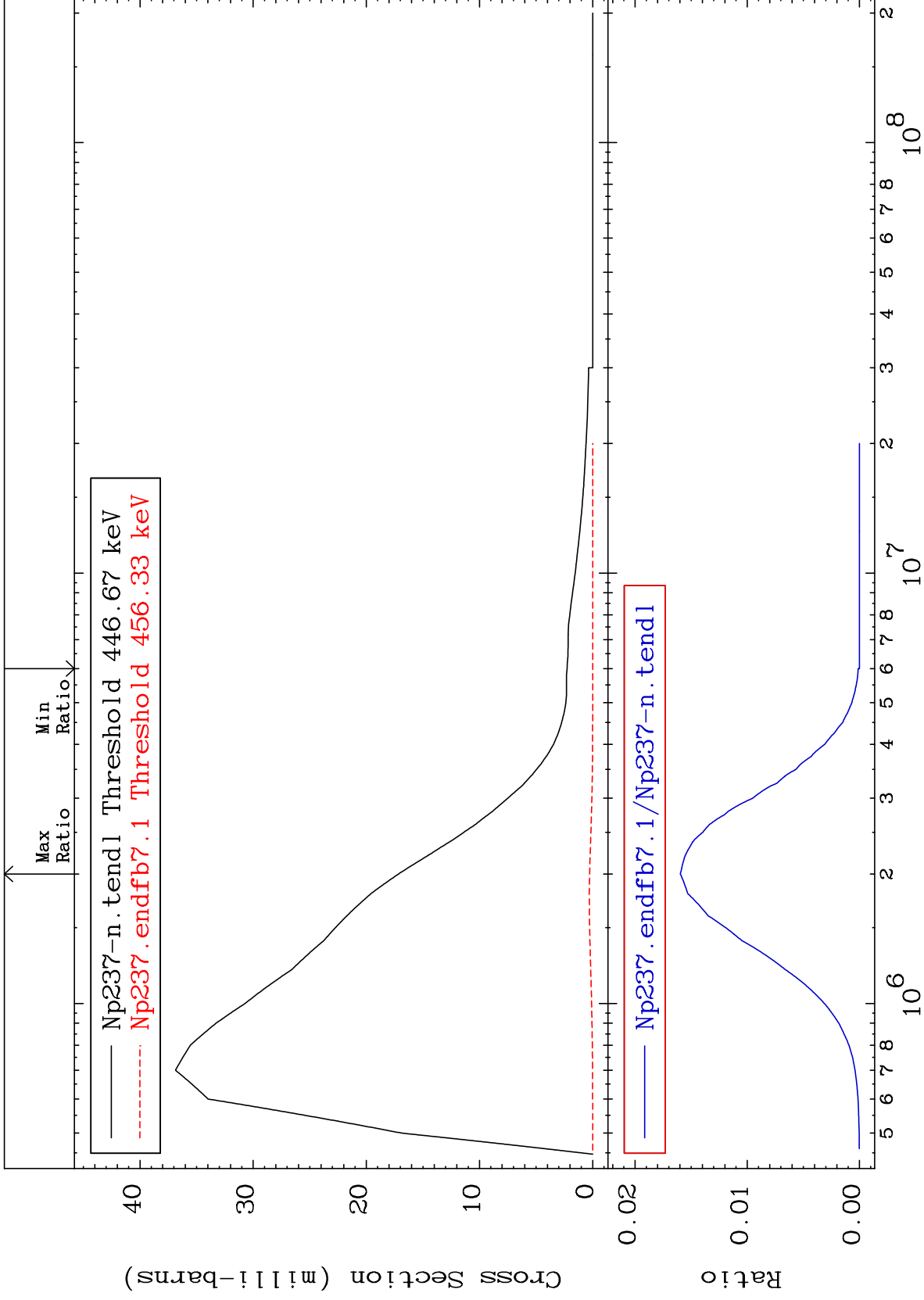
93-Np-237
-100.0 To 200.7 %



MAT 9346

444.8 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To -98.40%



30

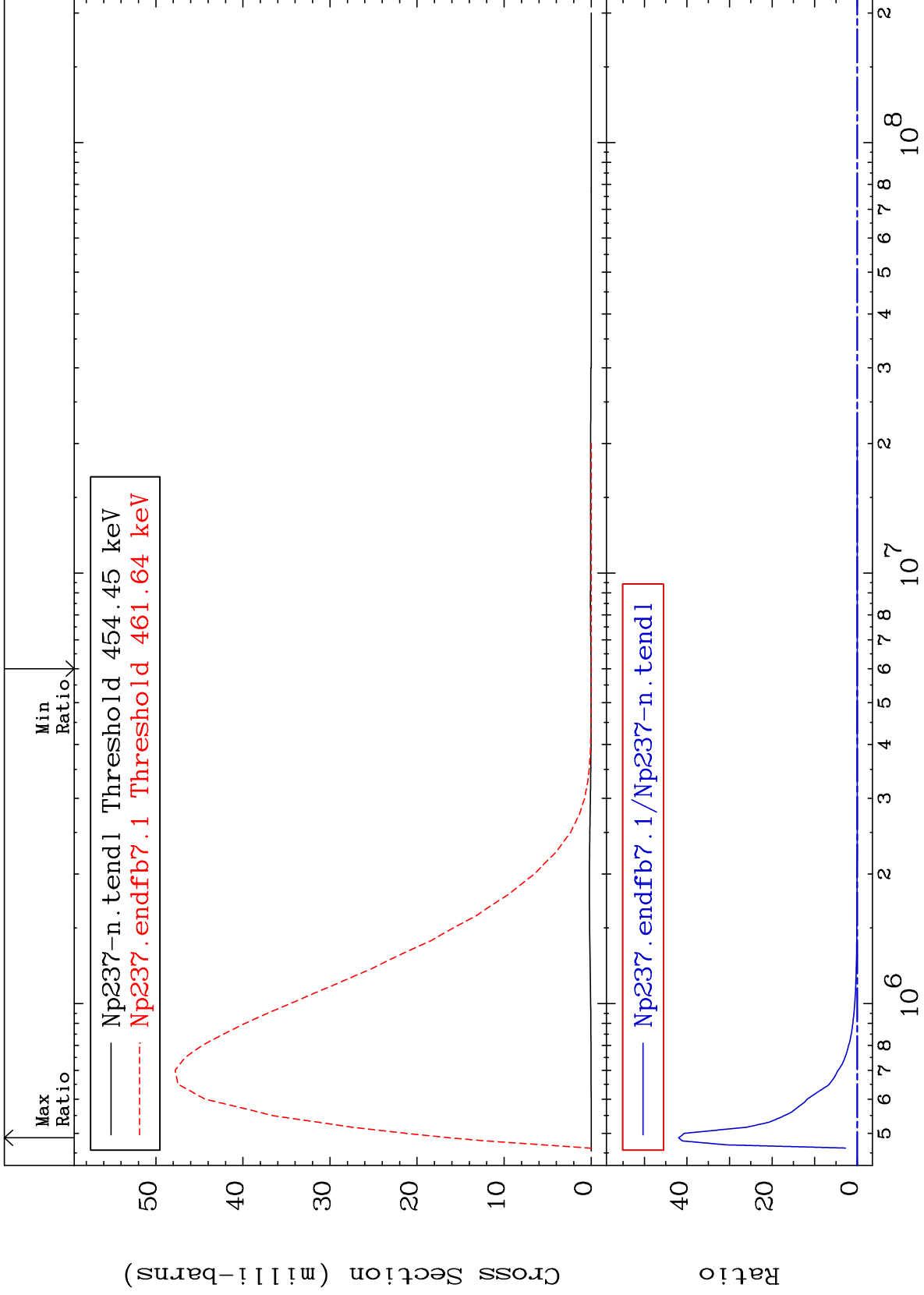
Incident Energy (eV)

93-Np-237

MAT 9346

452.5 keV (n,n') Level
Cross Section

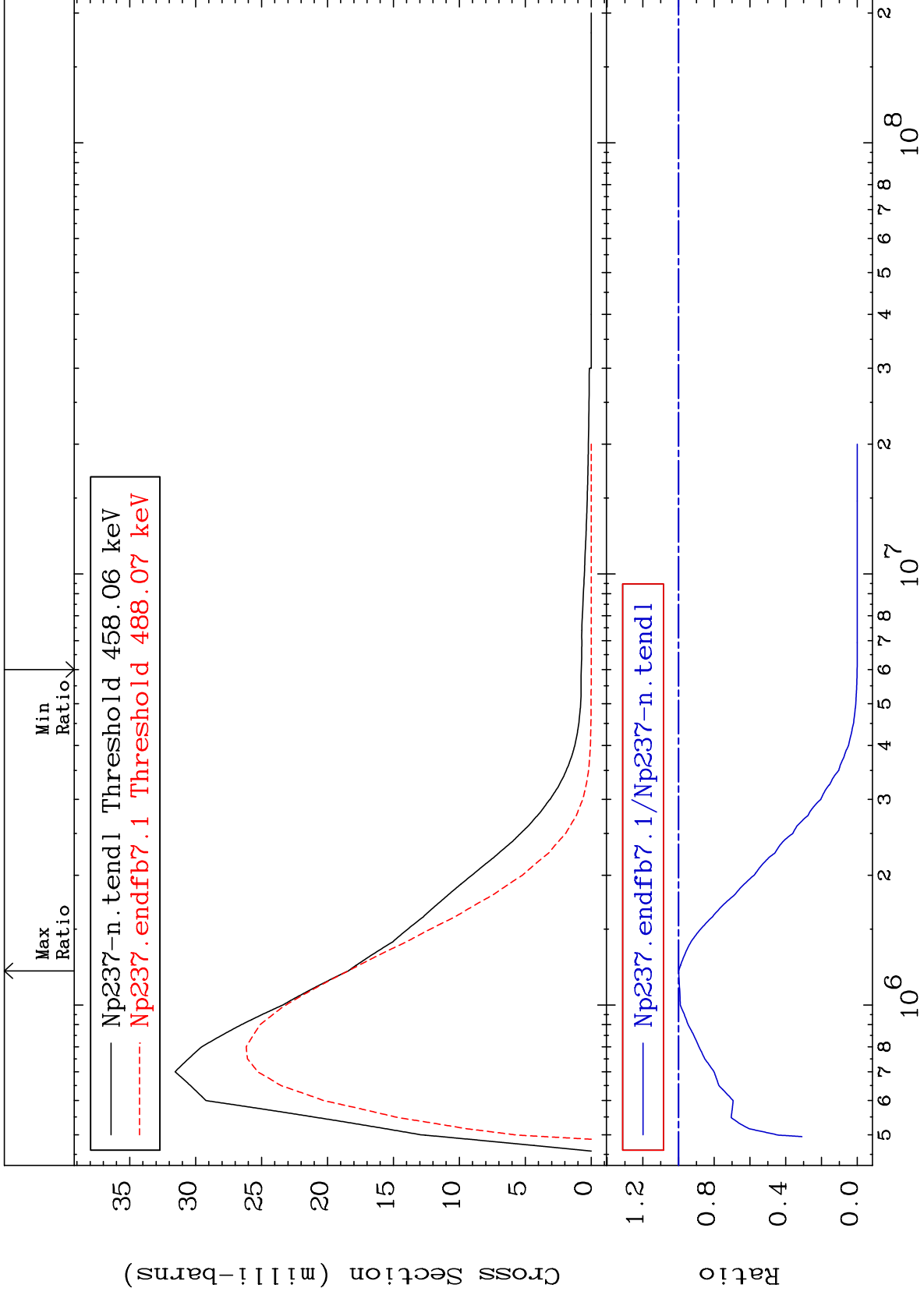
93-Np-237
-100.0 To 9999. %



MAT 9346

456.1 keV (n,n') Level
Cross Section

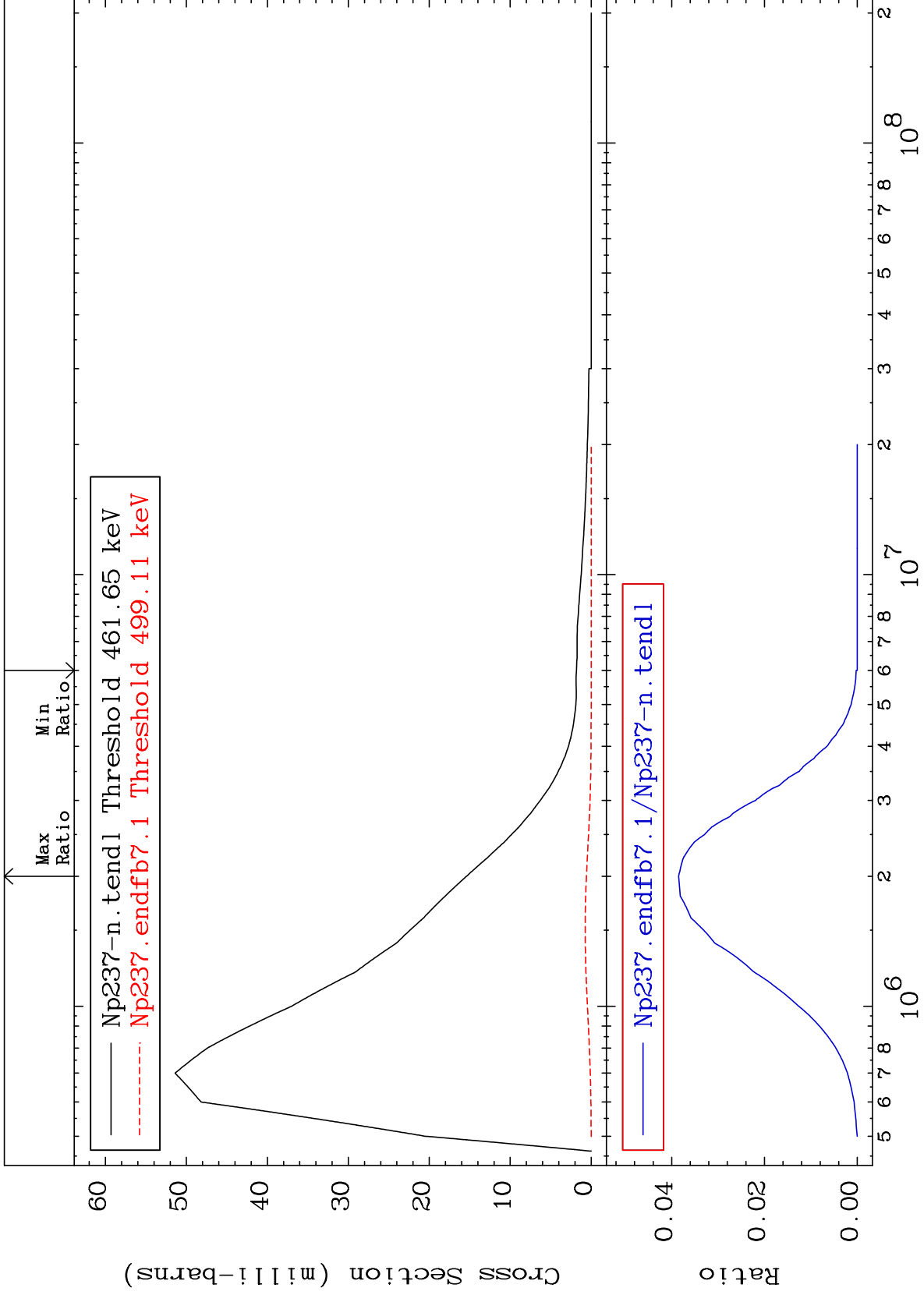
93-Np-237
-100.0 To -0.071%



MAT 9346

459.7 keV (n,n') Level
Cross Section

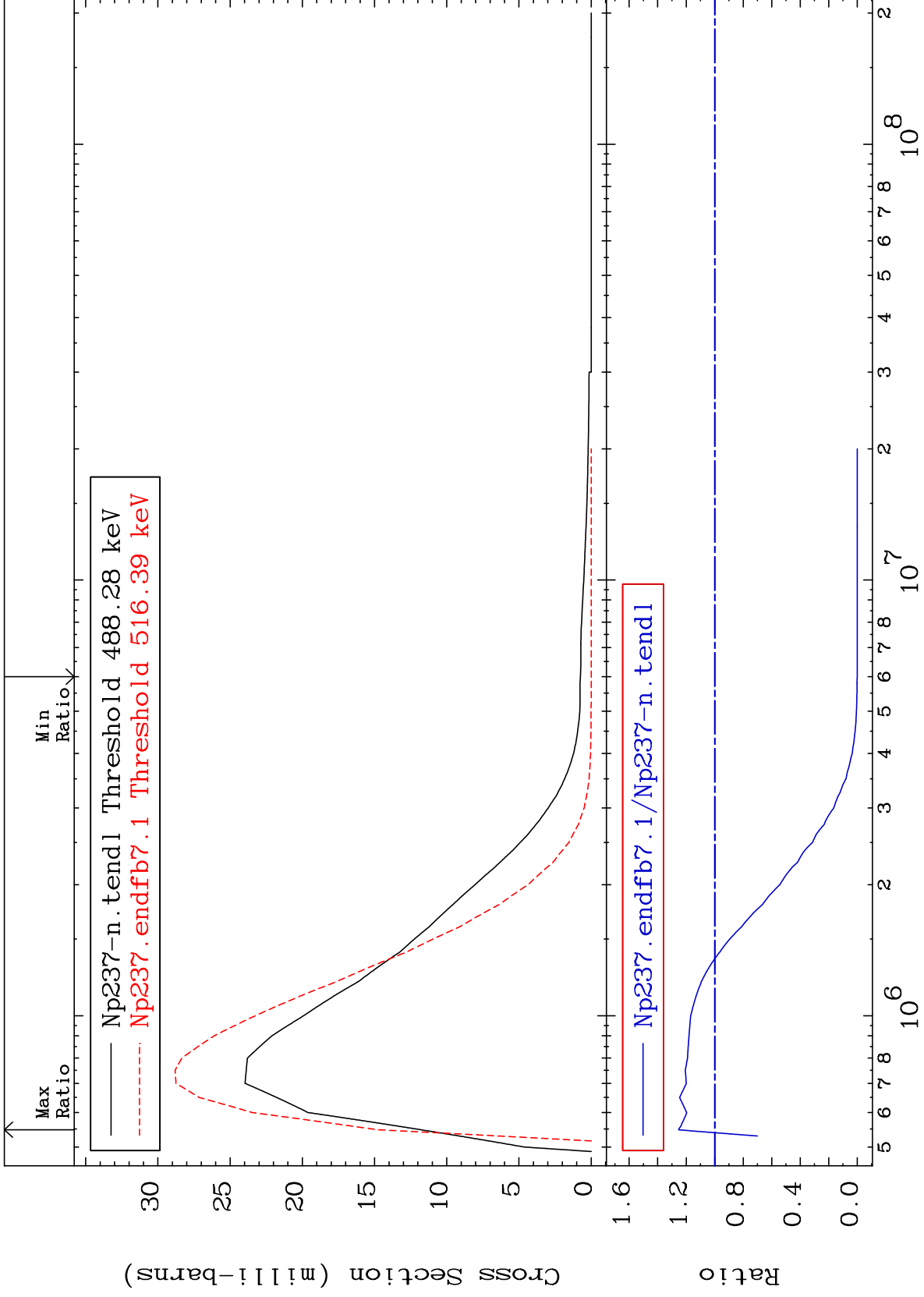
93-Np-237
-100.0 To -96.15%



MAT 9346

486.2 keV (n,n') Level
Cross Section

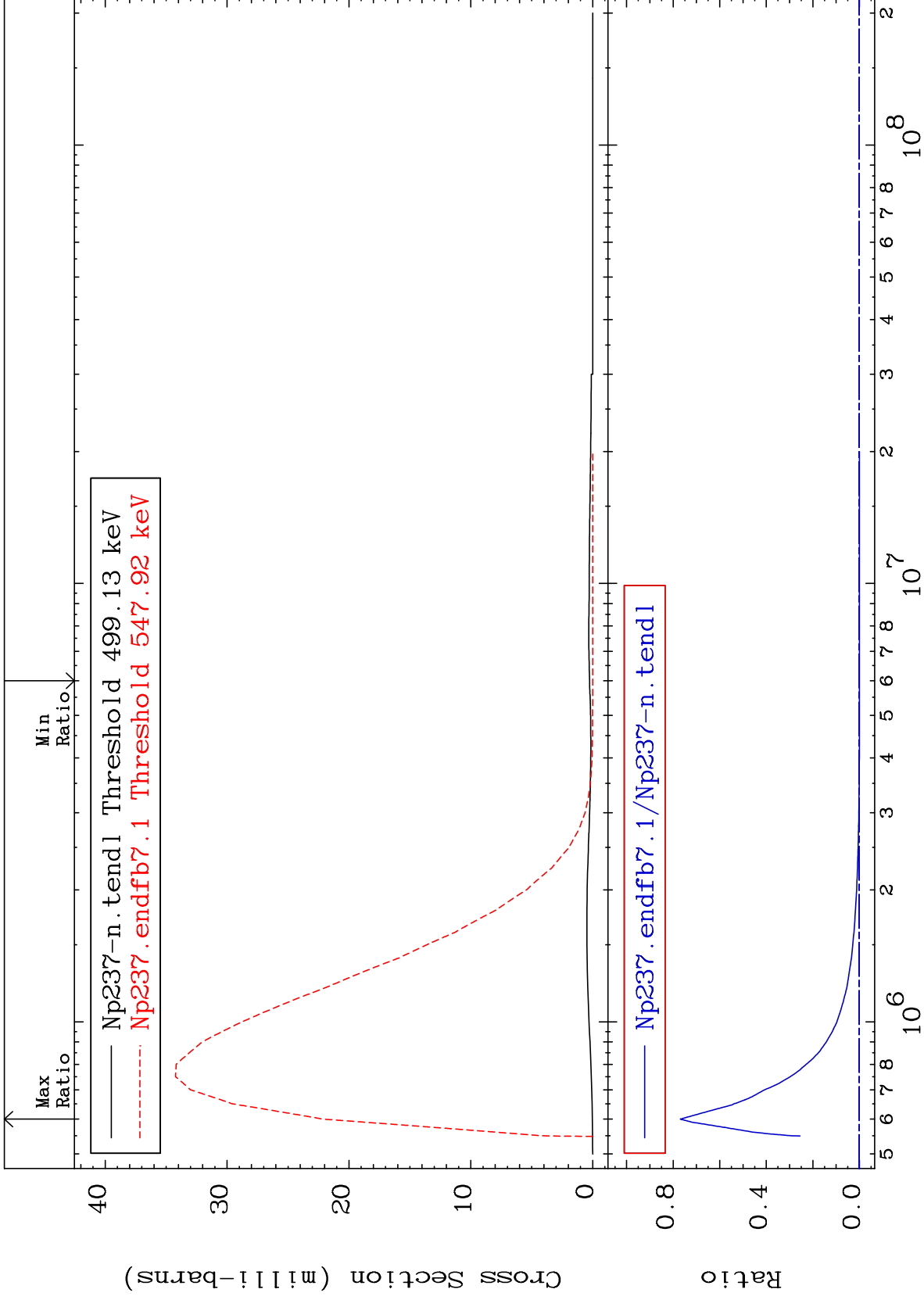
93-Np-237
-100.0 To 25.30 %



MAT 9346

497.0 keV (n,n') Level
Cross Section

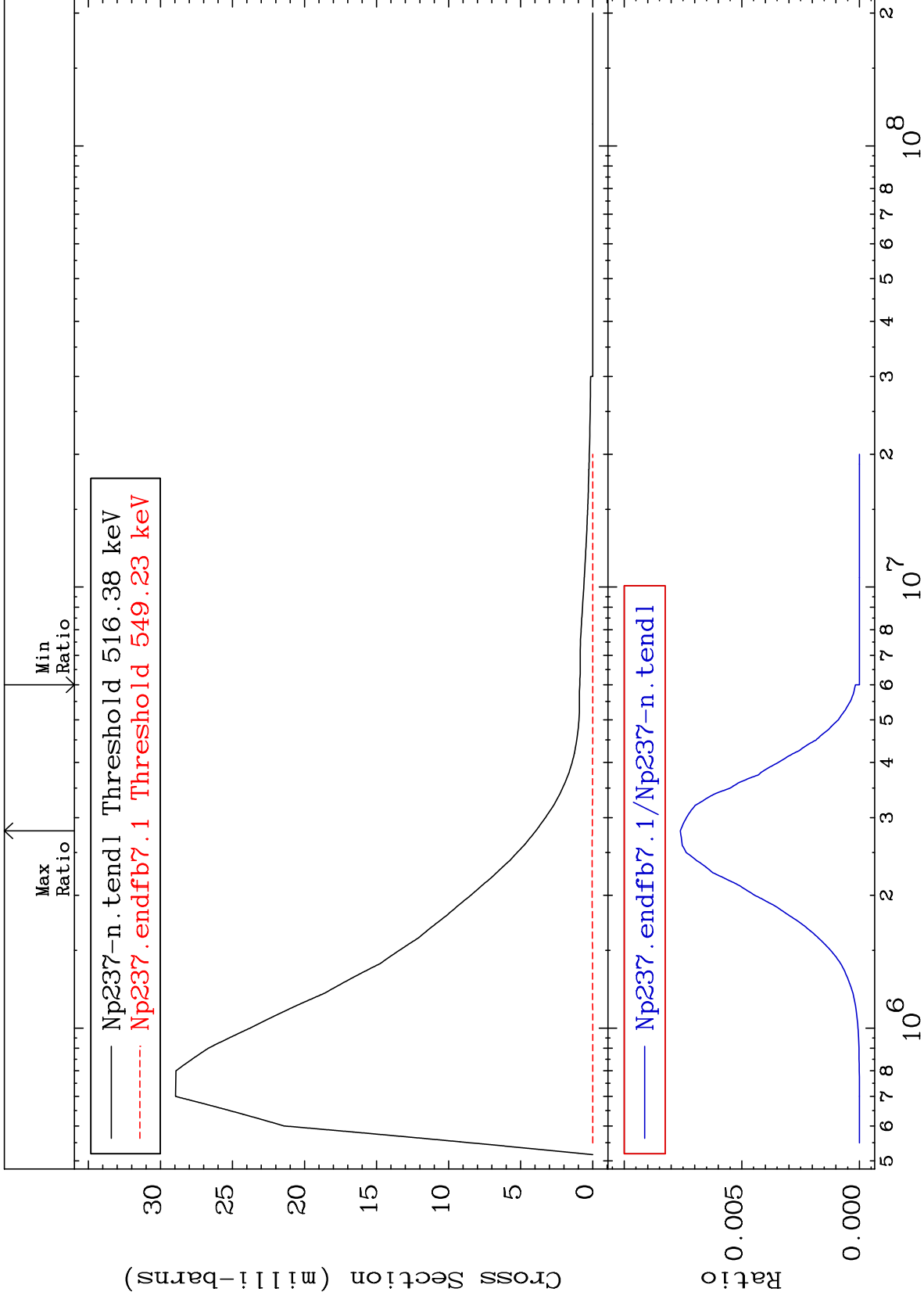
93-Np-237
-100.0 To 9999. %

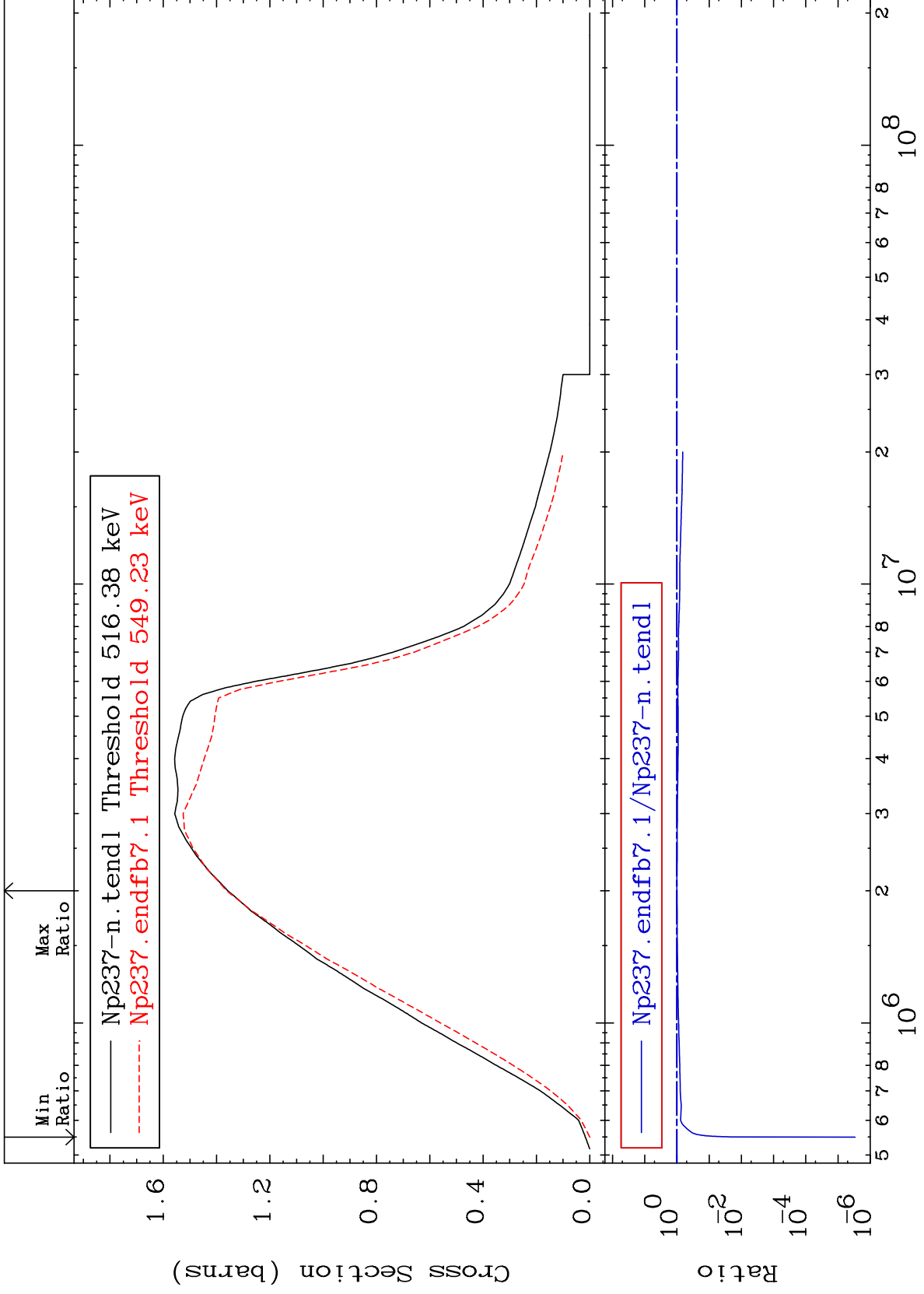


MAT 9346

514.2 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To -99.24%

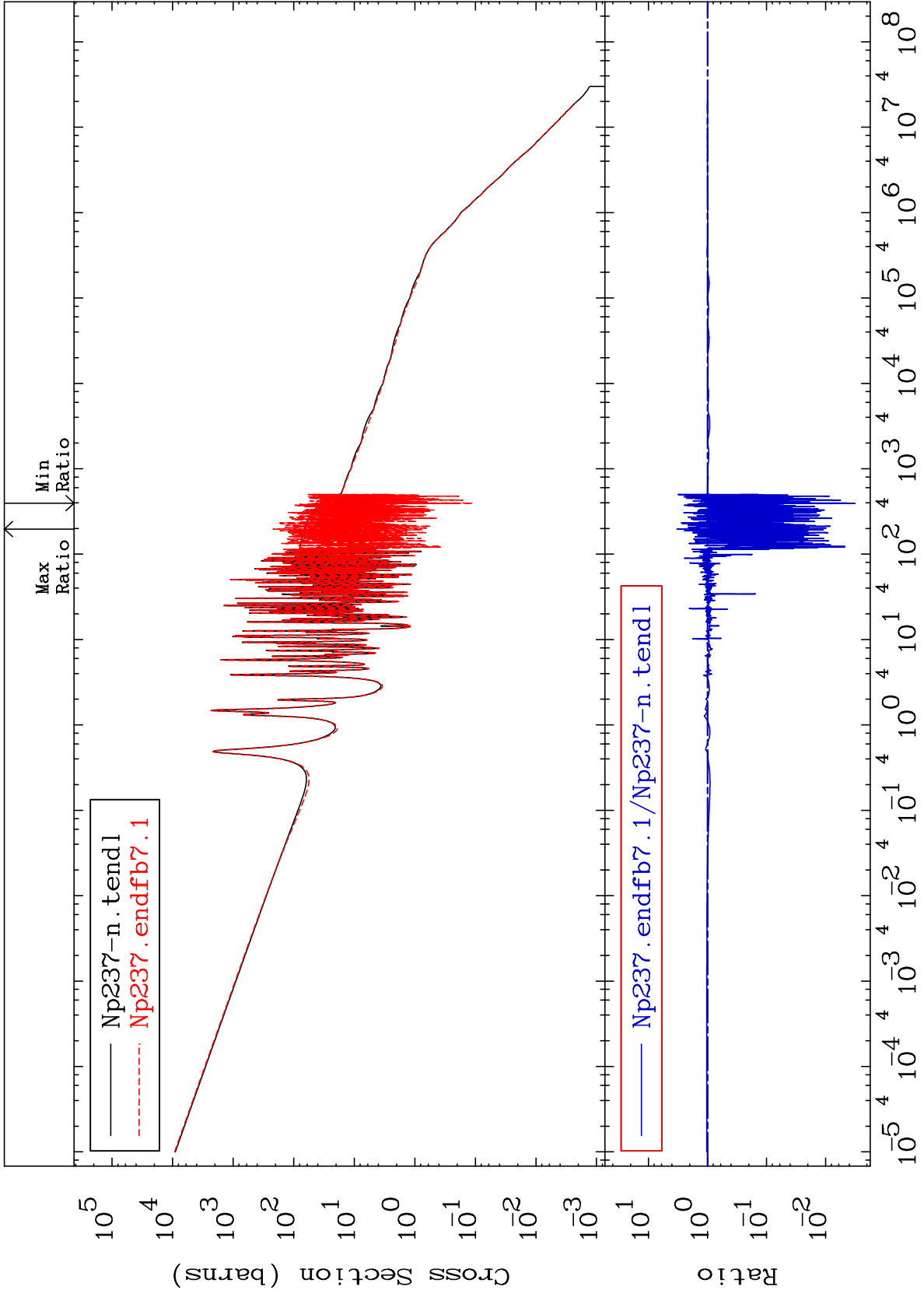


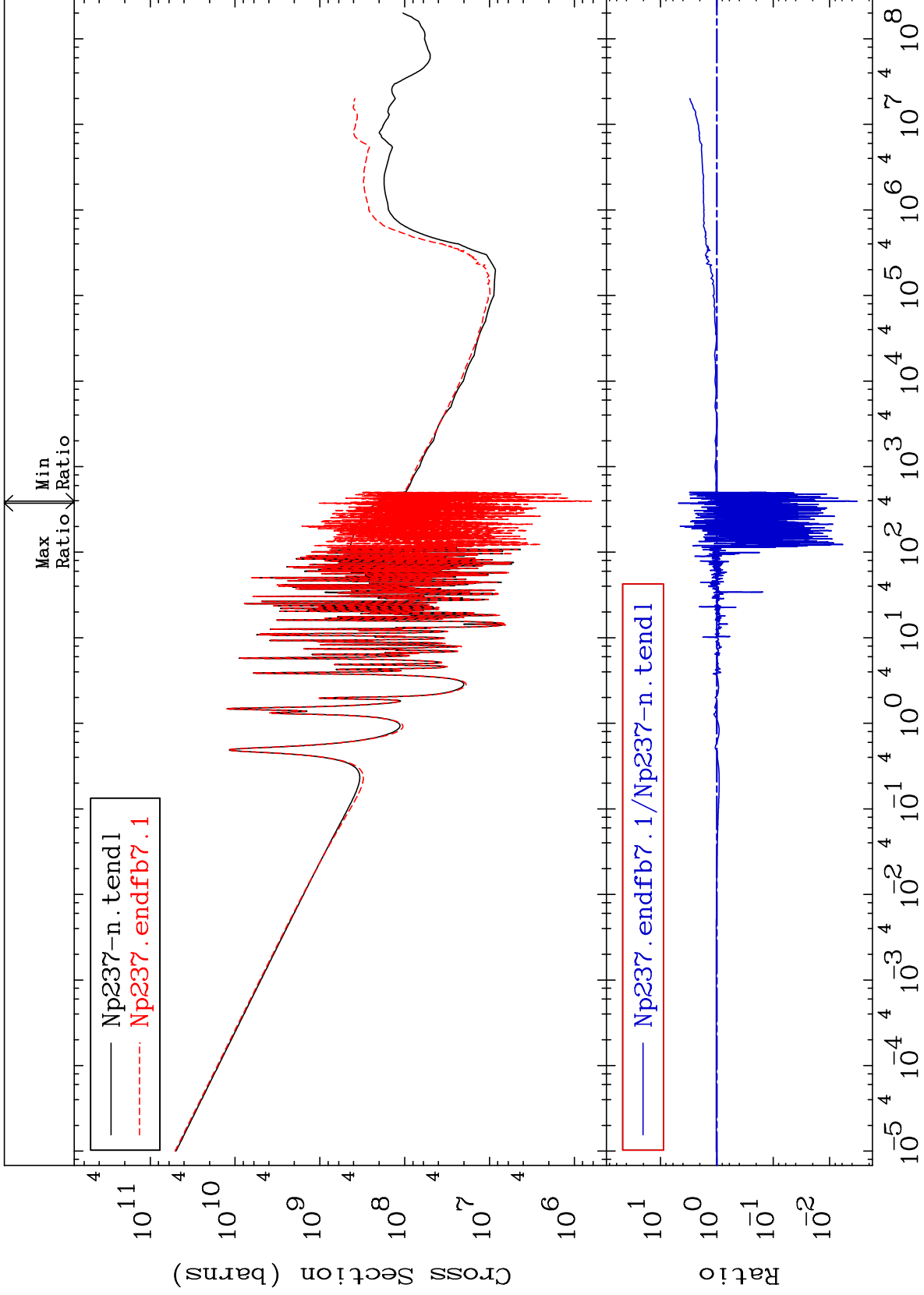


MAT 9346

(n, γ)
Cross Section

93-Np-237
-99.68 To 228.9 %

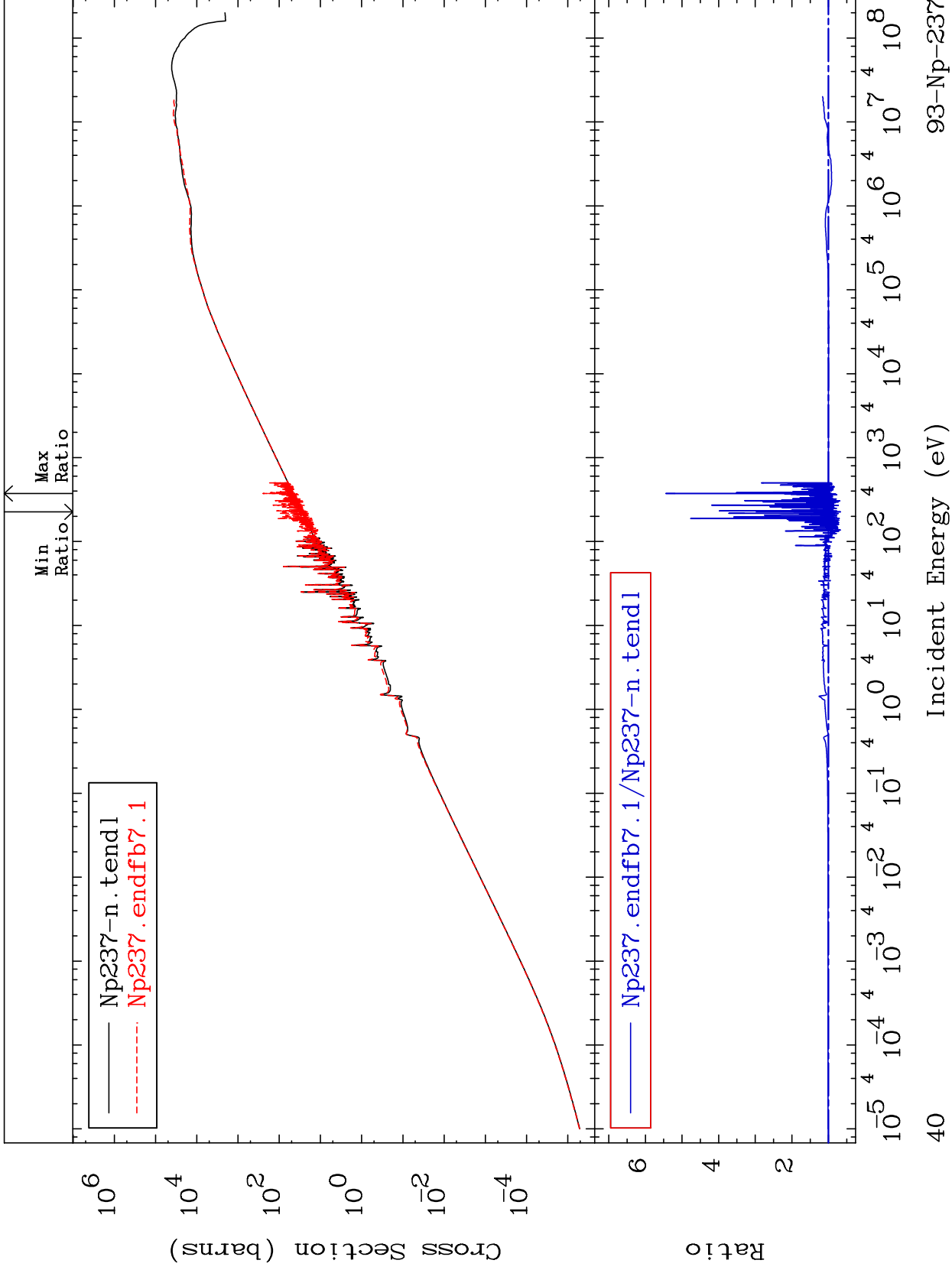




MAT 9346

Kerma elastic
Cross Section

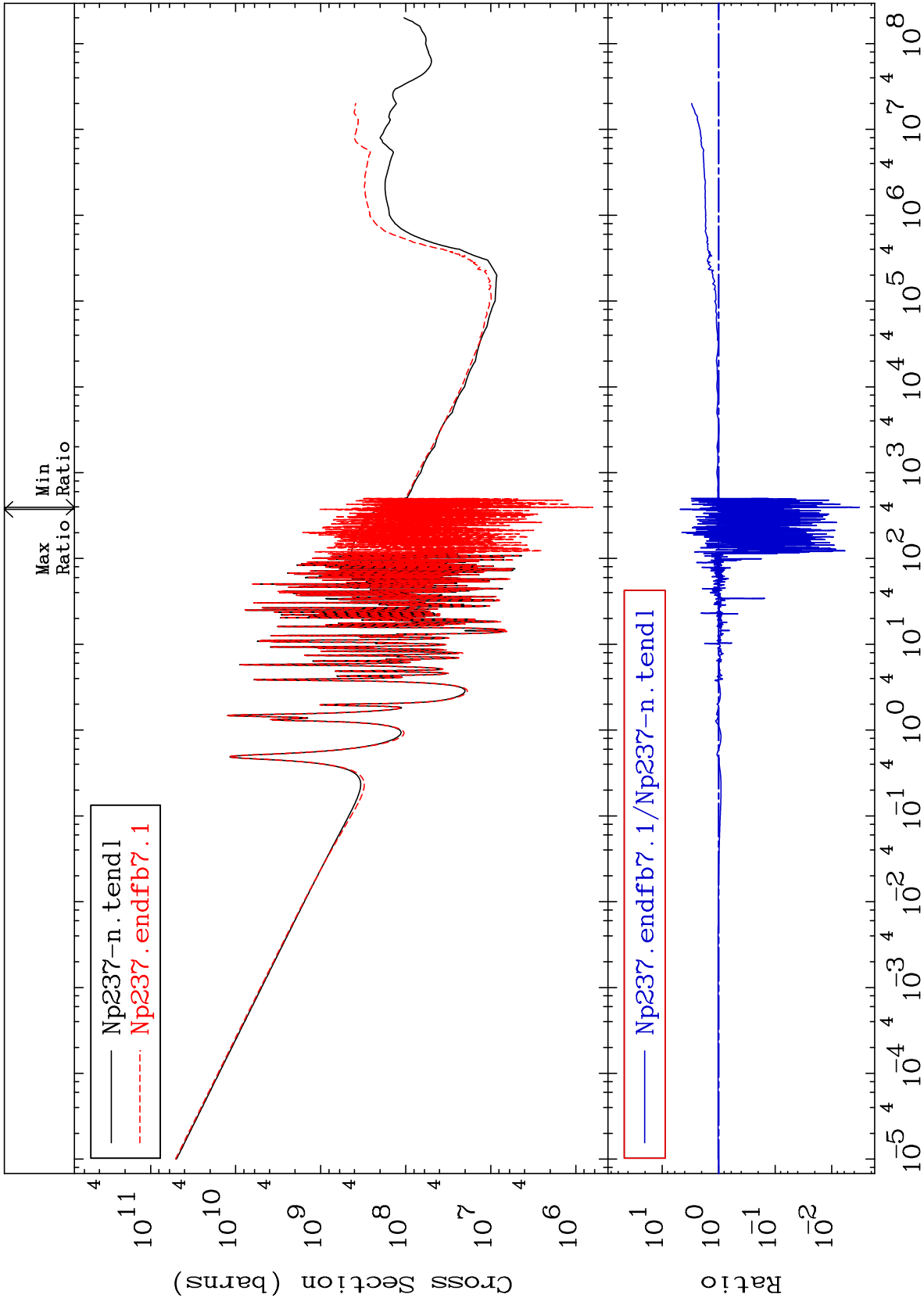
93-Np-237
-33.28 To 445.1 %



40

Incident Energy (eV)

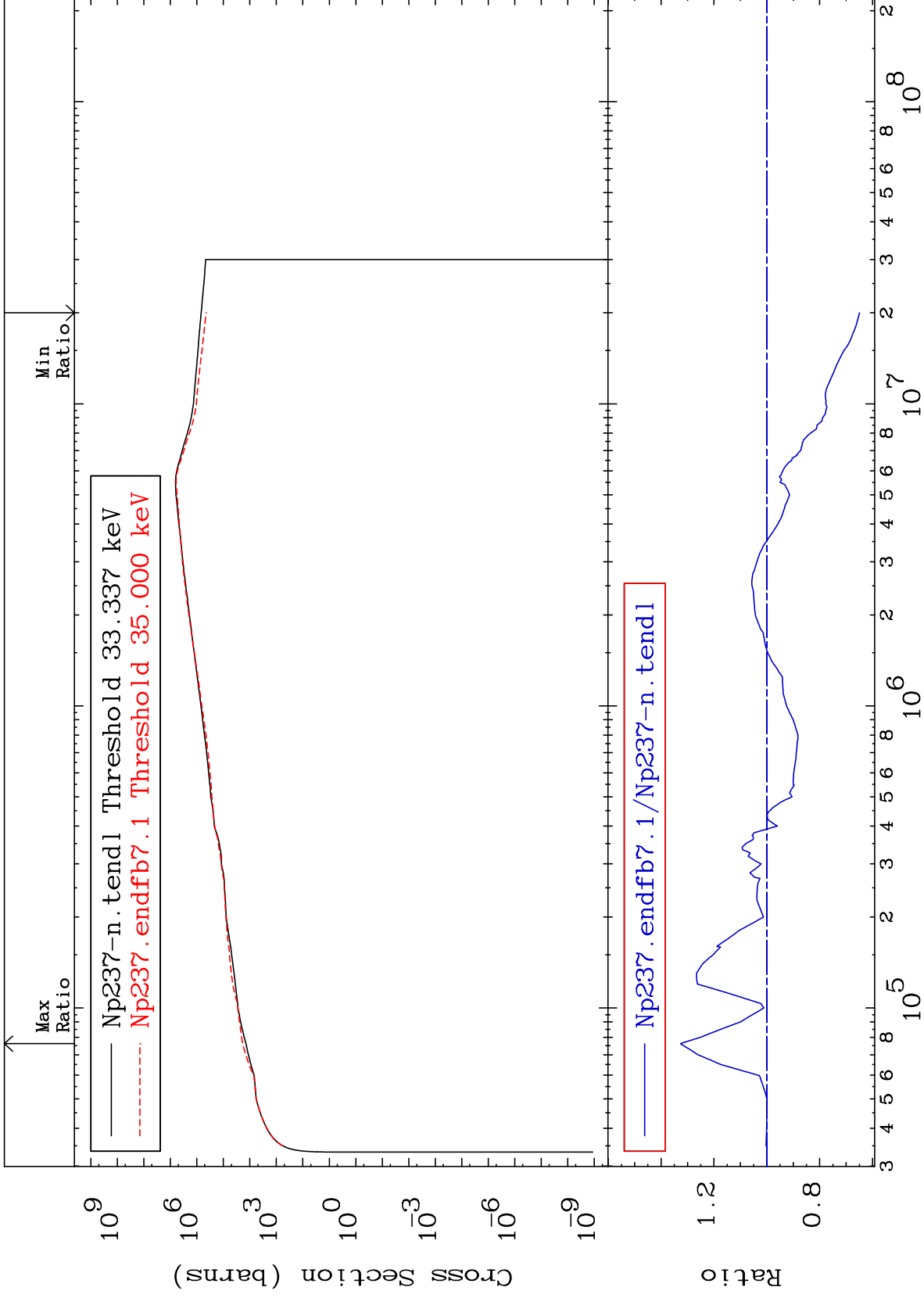
93-Np-237

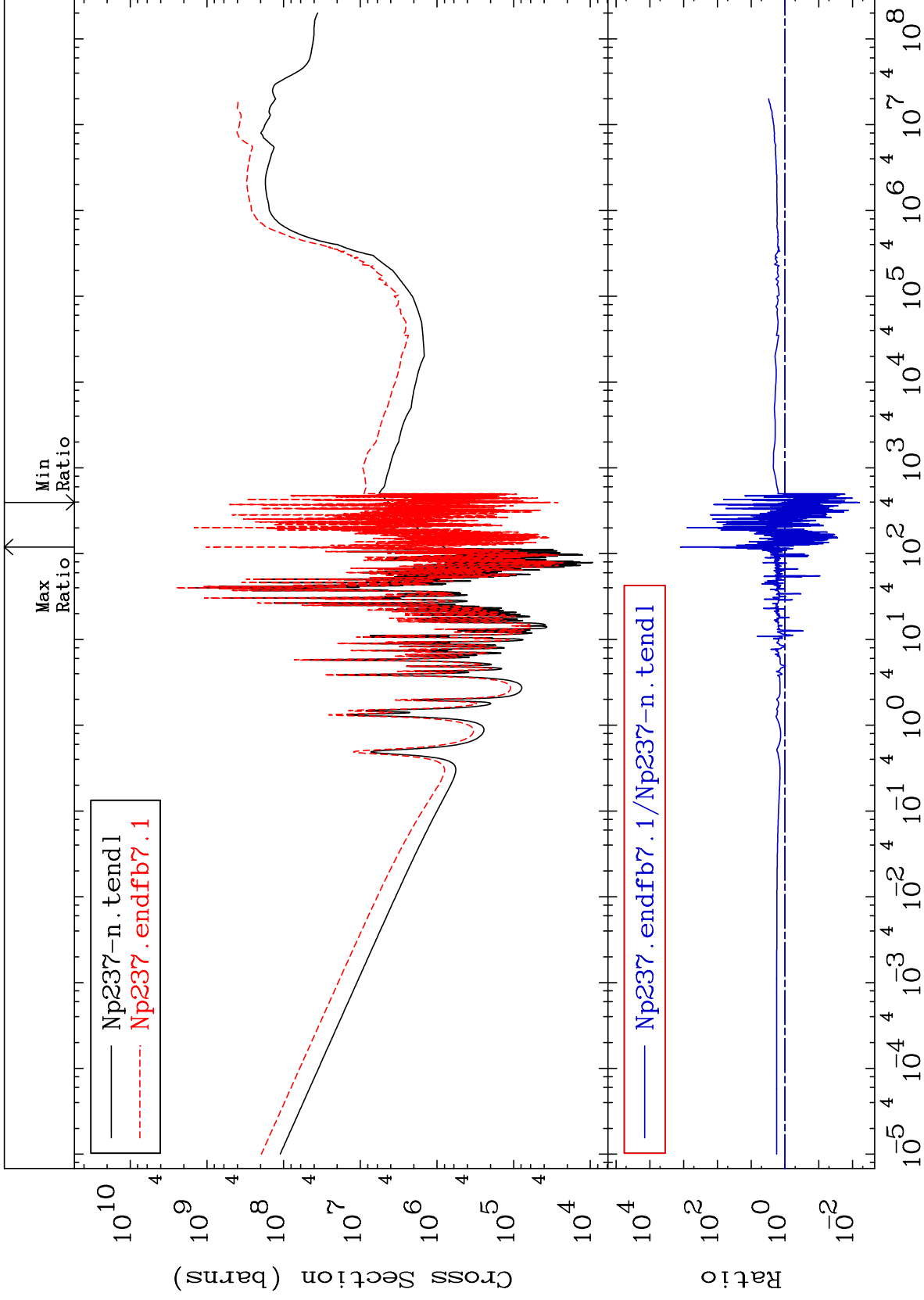


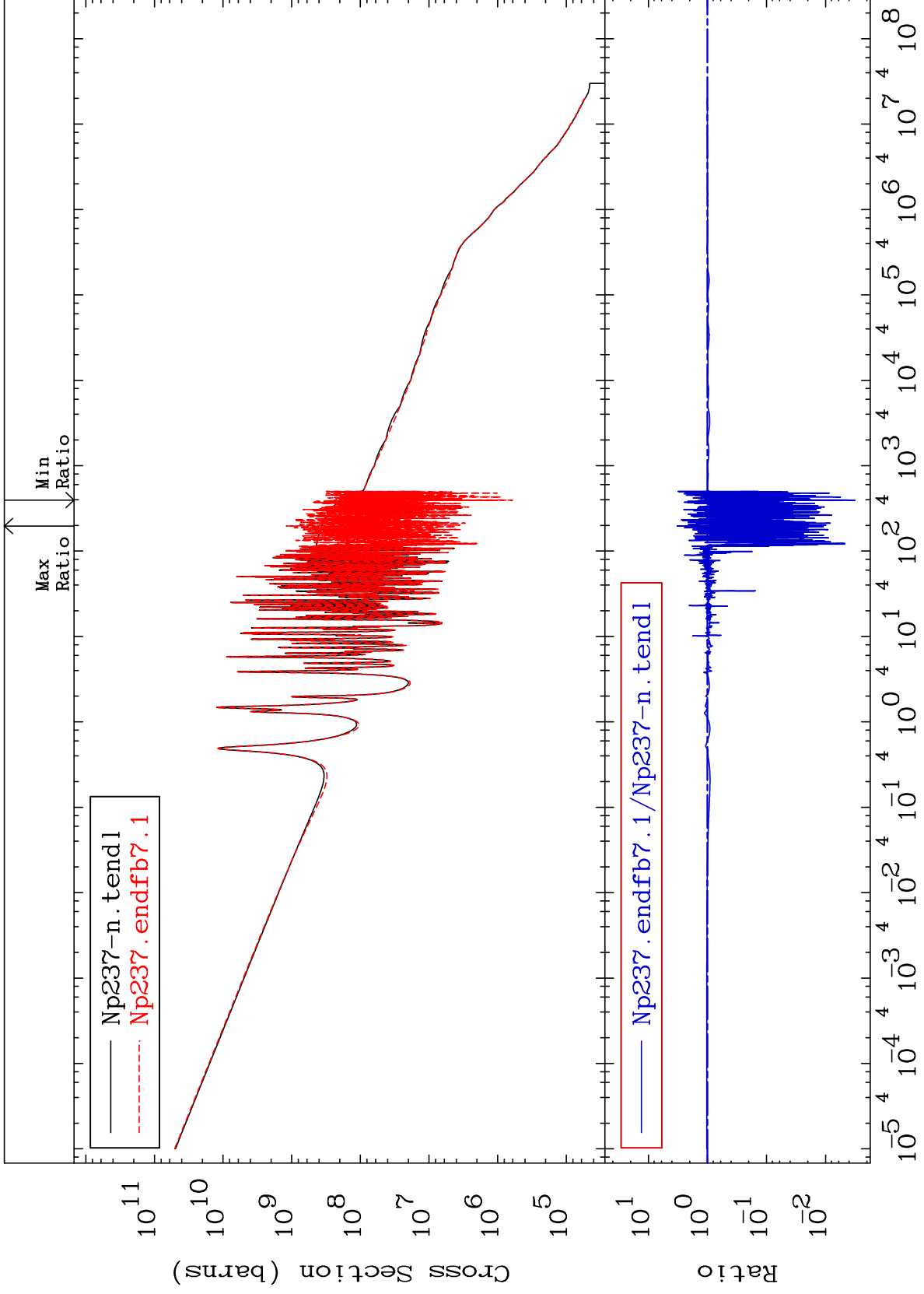
MAT 9346

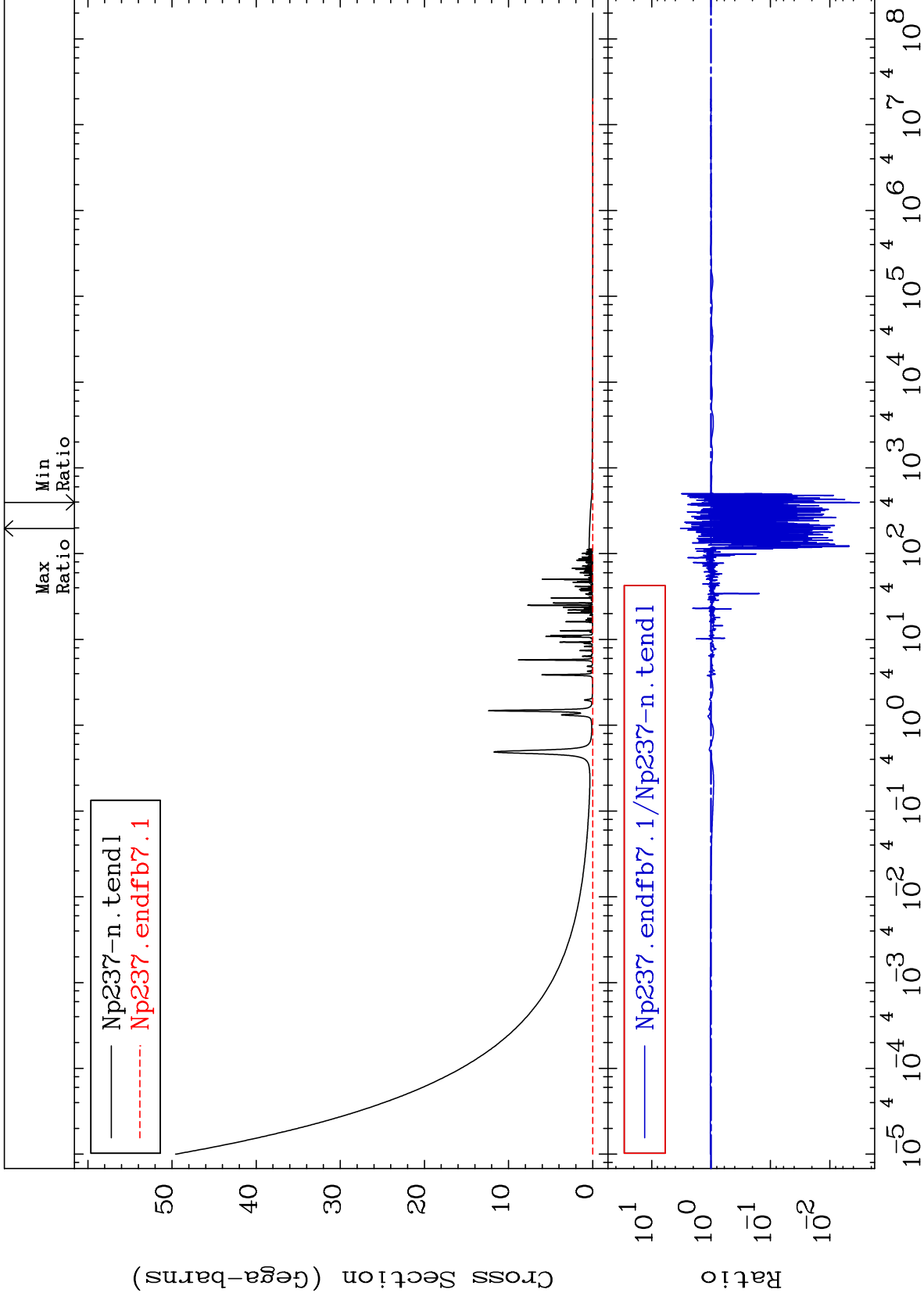
Kerma inelastic (mt51-91)
Cross Section

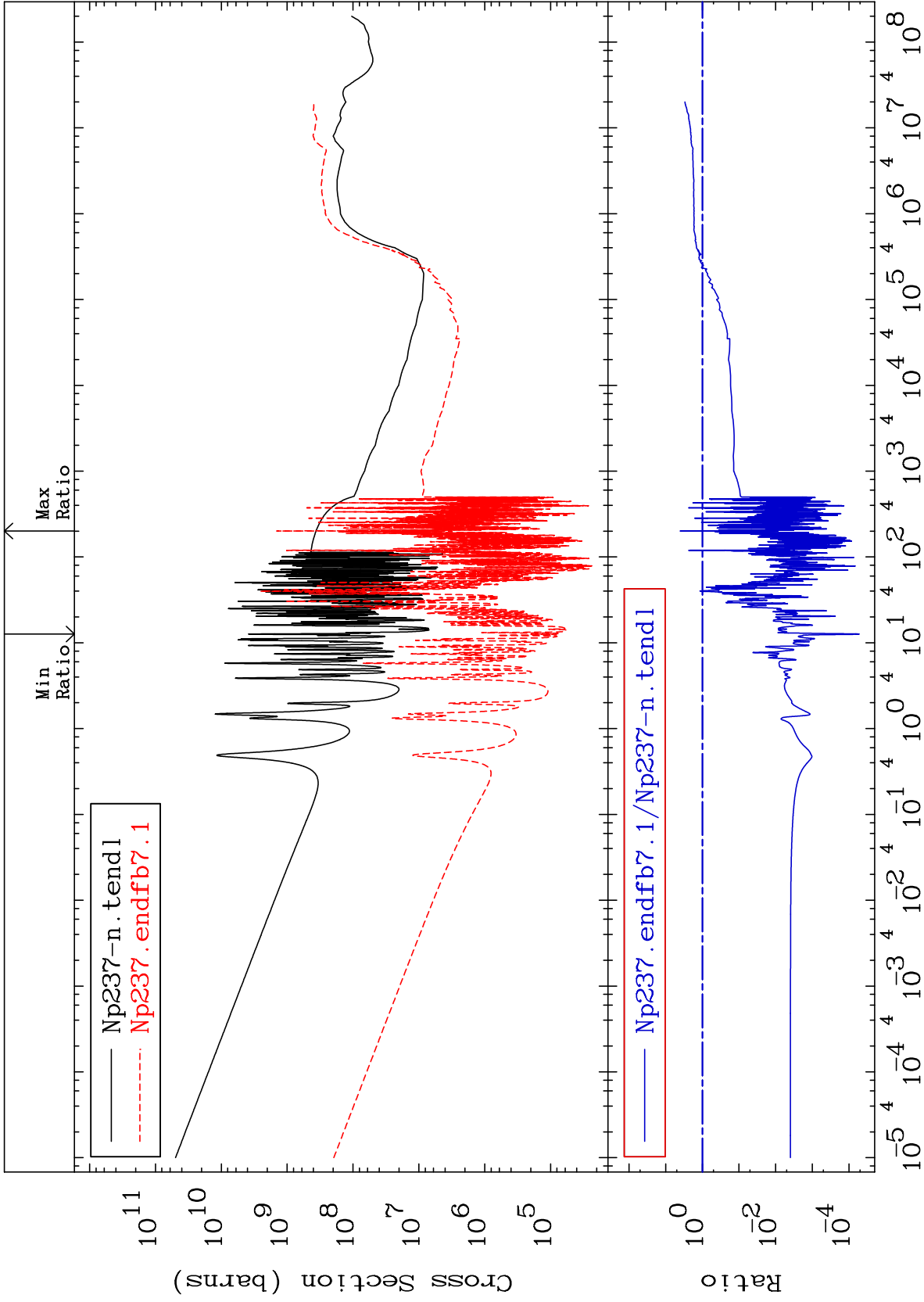
93-Np-237
-35.03 To 32.71 %







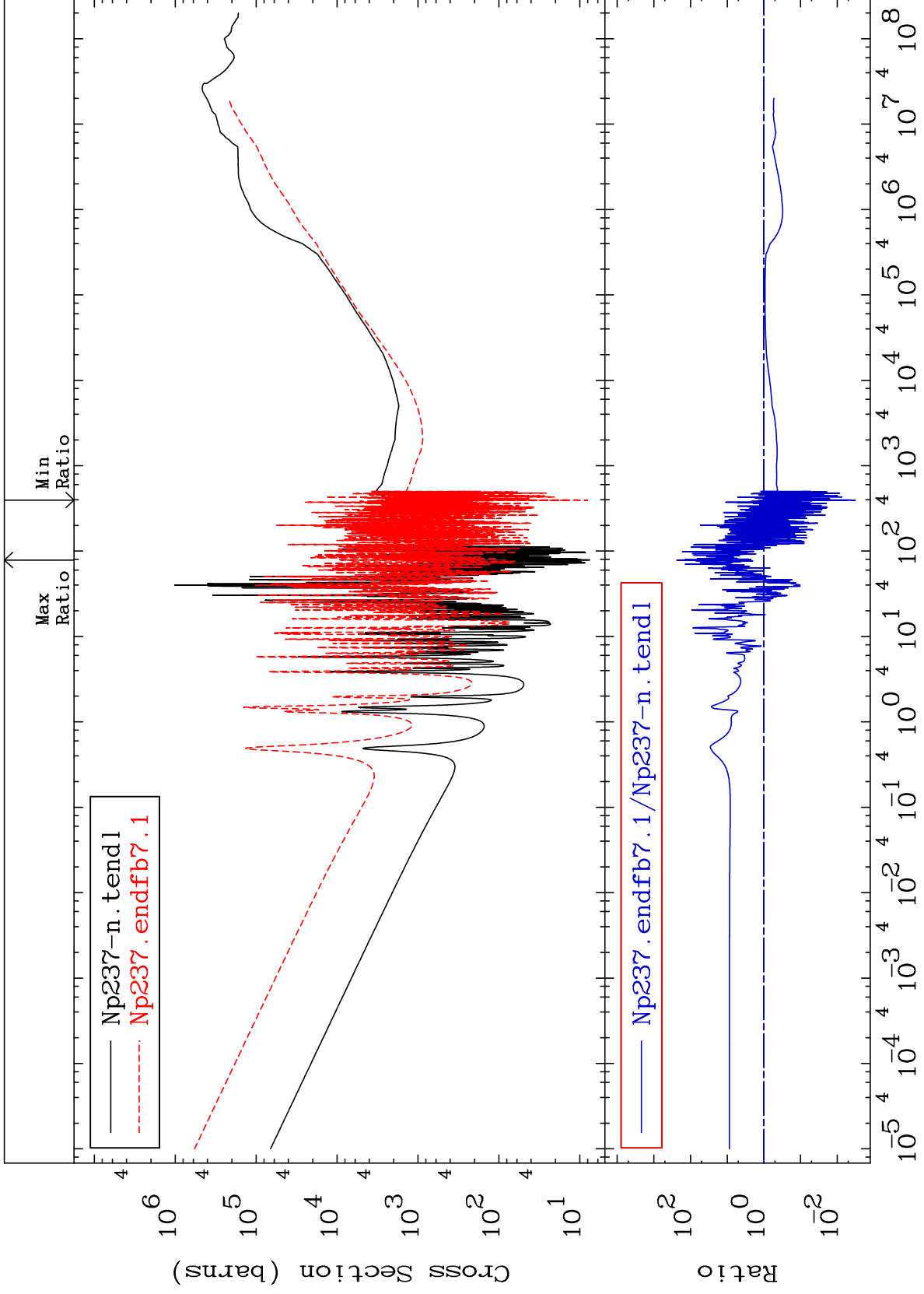




MAT 9346

Dpa total (eV-barns)
Cross Section

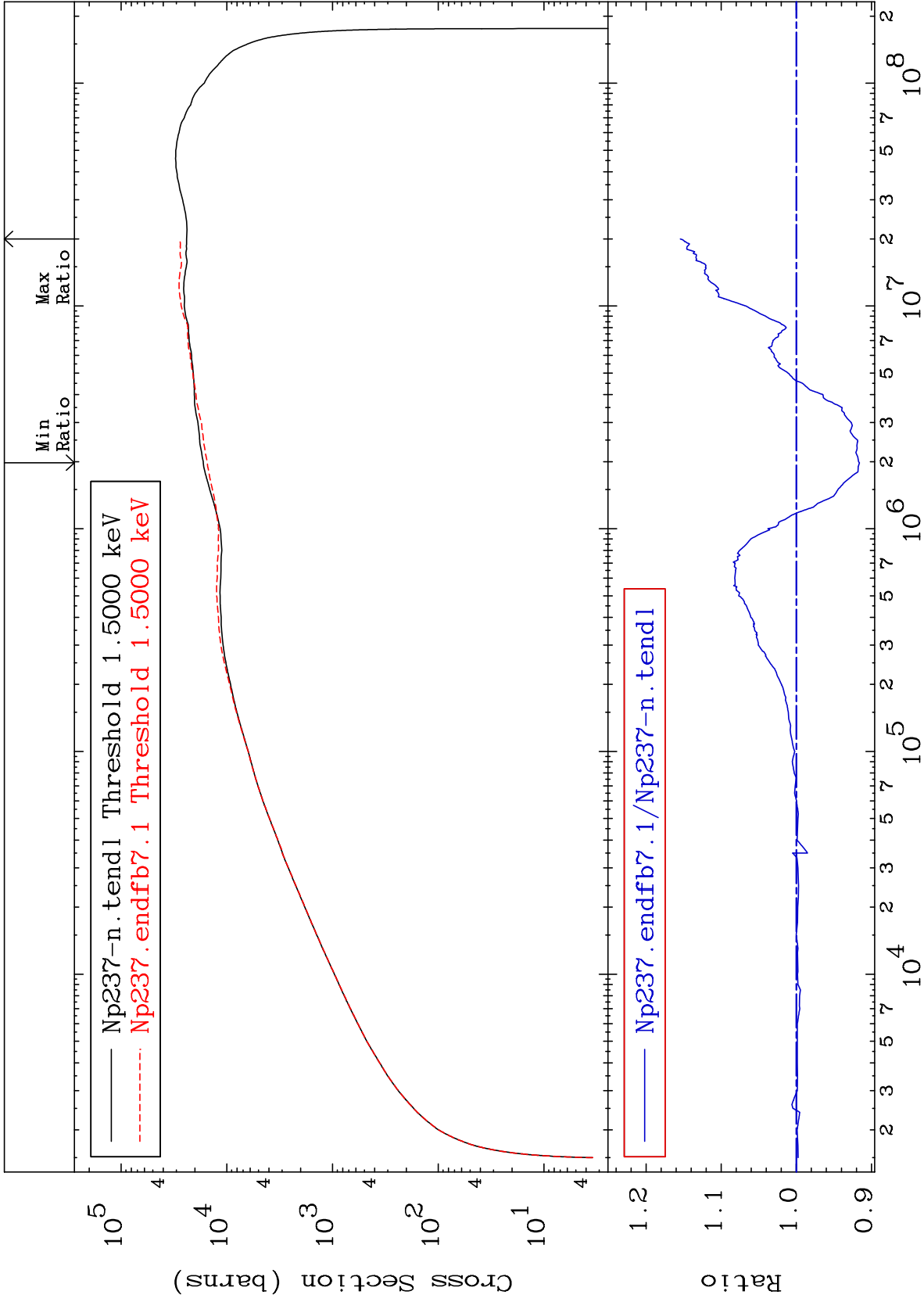
93-Np-237
-99.67 To 9999. %

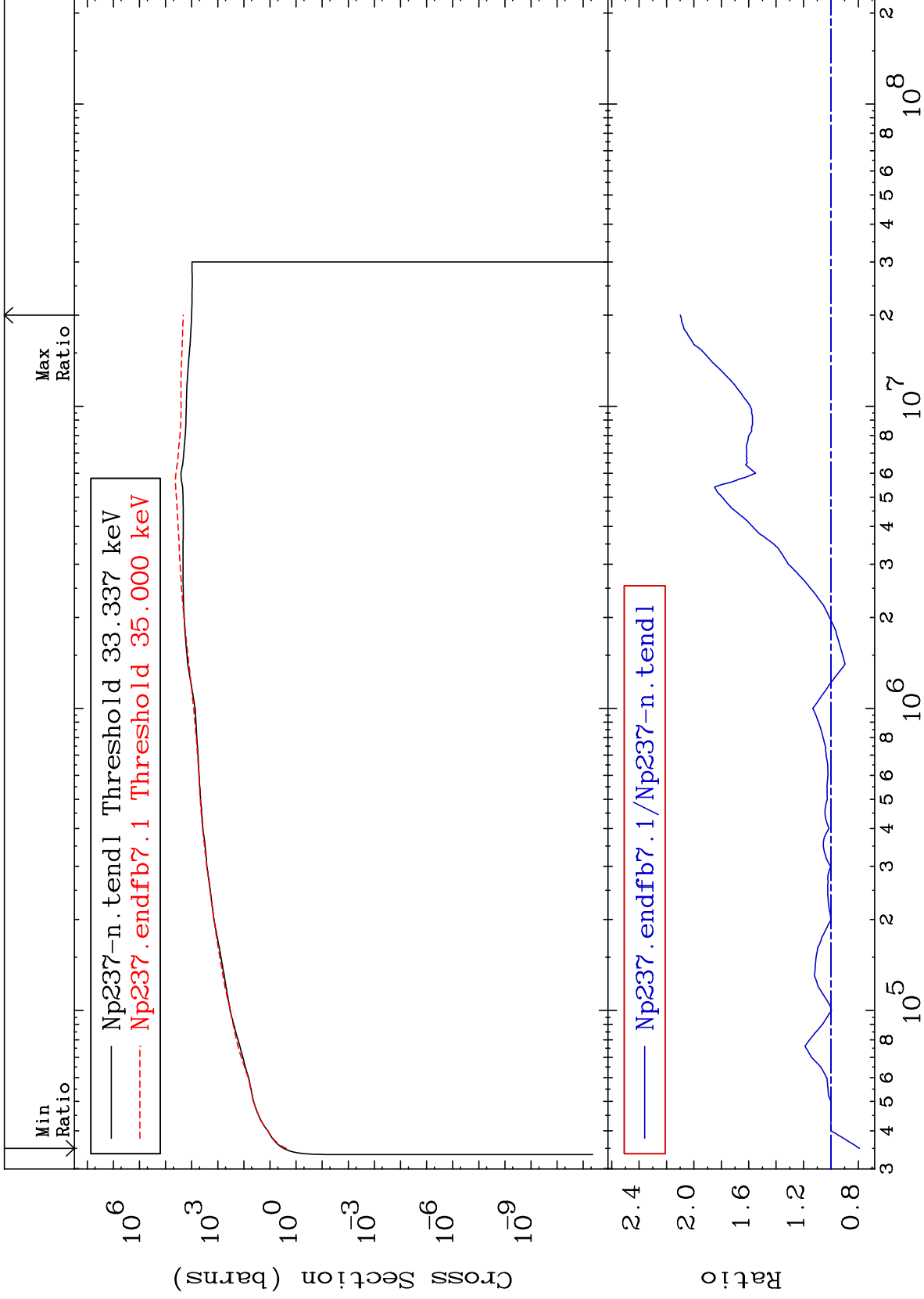


MAT 9346

Dpa elastic (mt2)
Cross Section

93-Np-237
-8.401 To 15.44 %

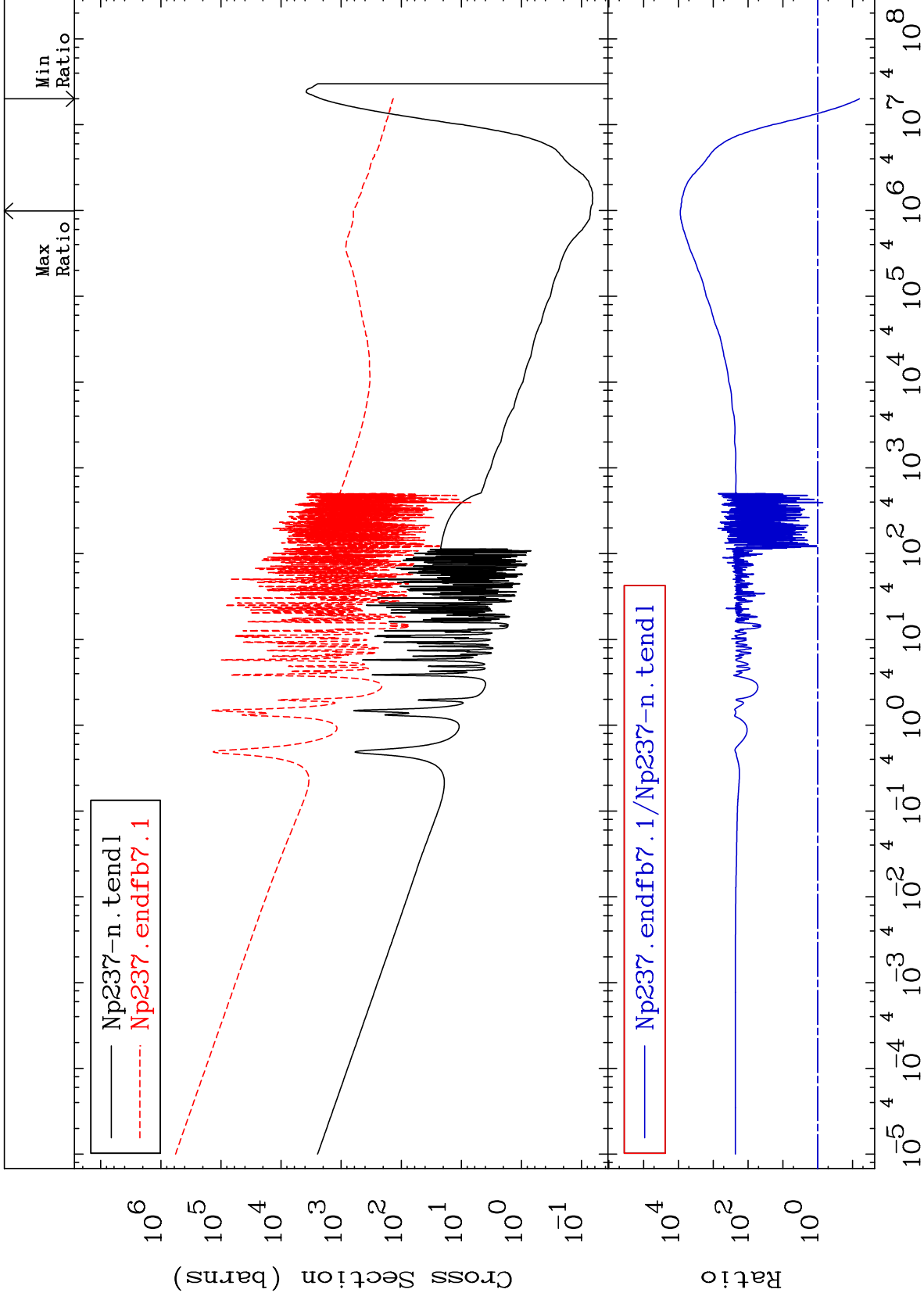




MAT 9346

Dpa disappearance (mt102 -120)
Cross Section

93-Np-237
-93.69 To 9999. %



50

Incident Energy (eV)

93-Np-237