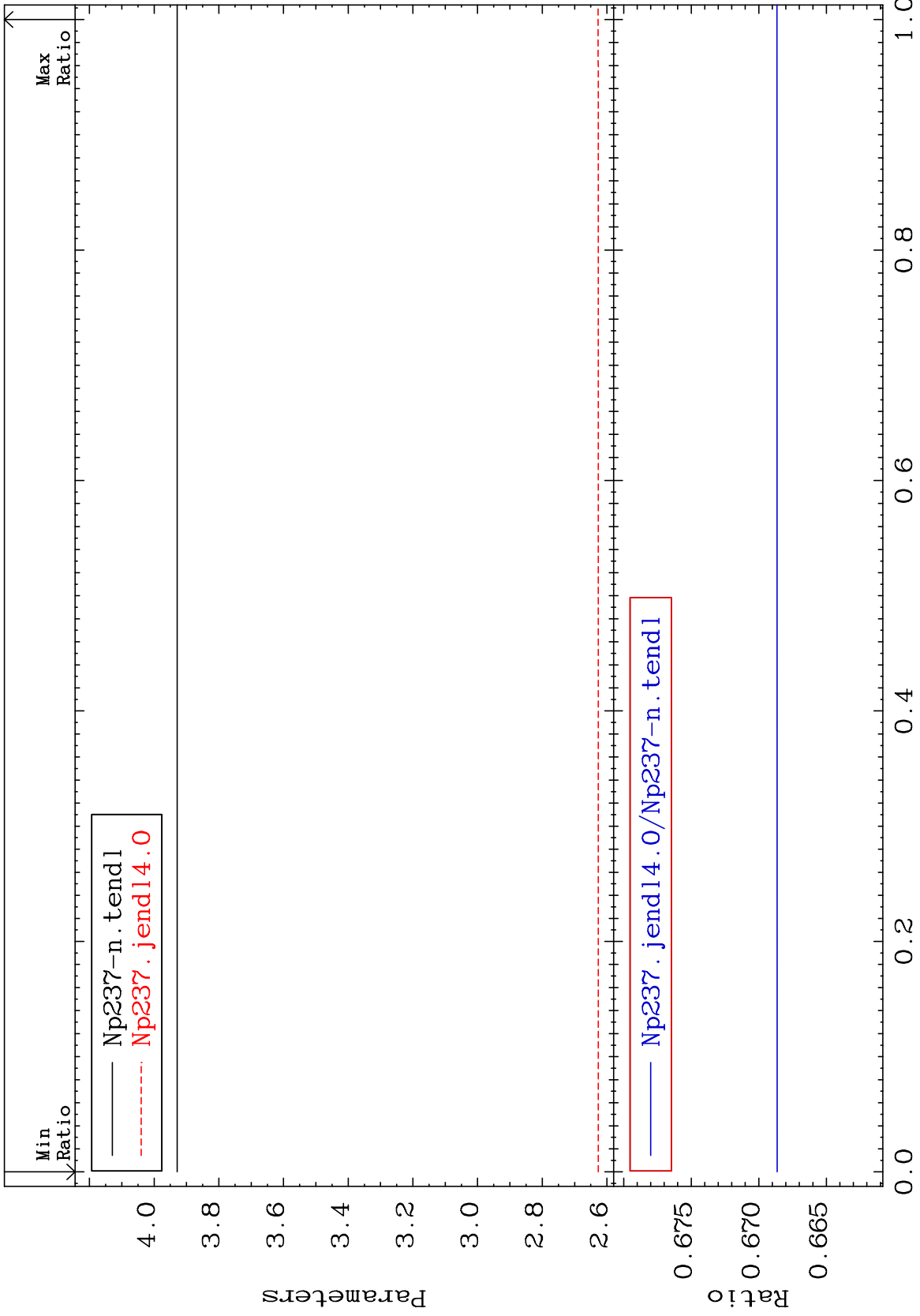


MAT 9346

Total $\bar{\nu}$
Parameters

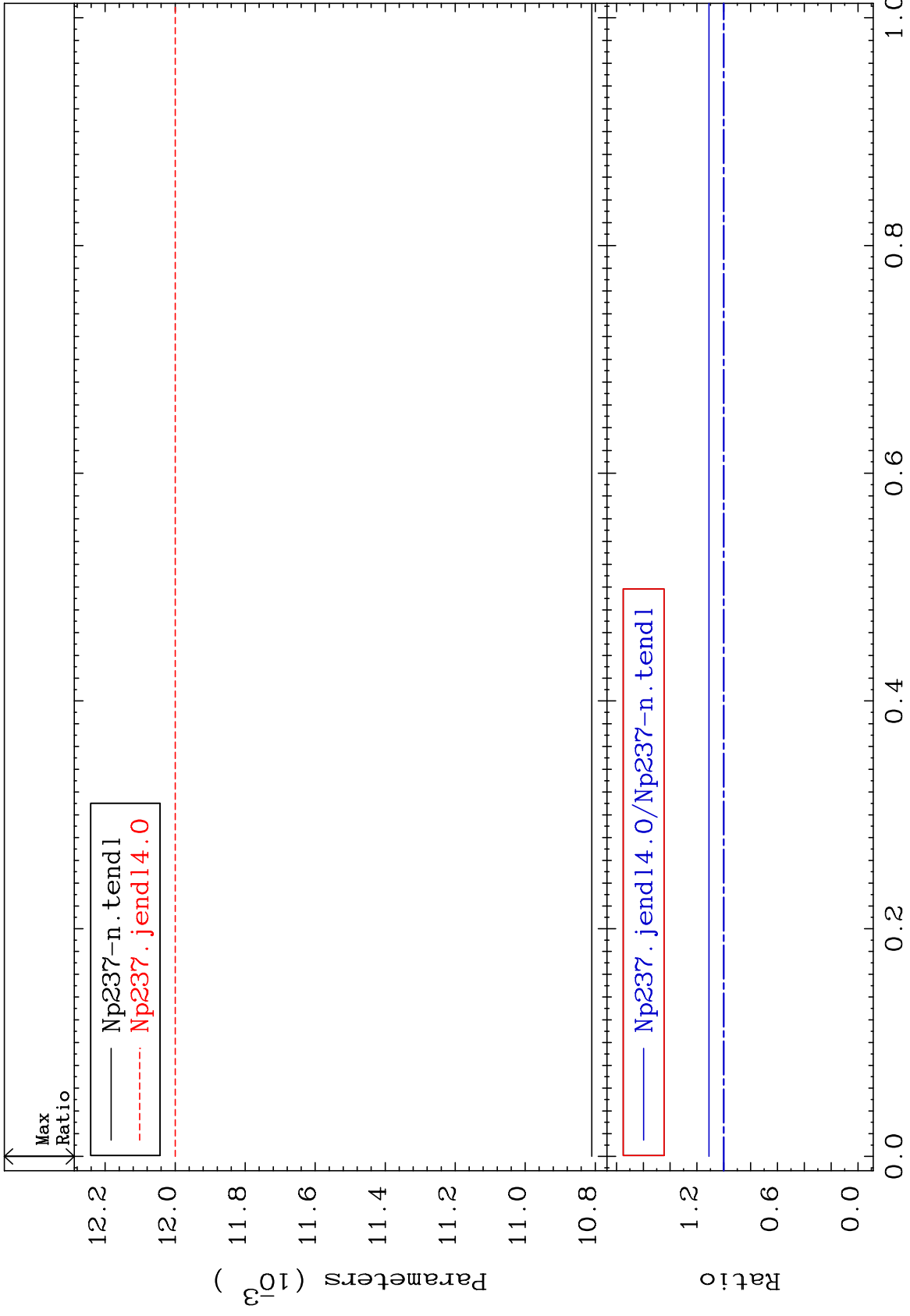
93-Np-237
-33.14 To -33.13%



MAT 9346

Delayed $\bar{\nu}$
Parameters

93-Np-237
11.01 To 11.01 %



2

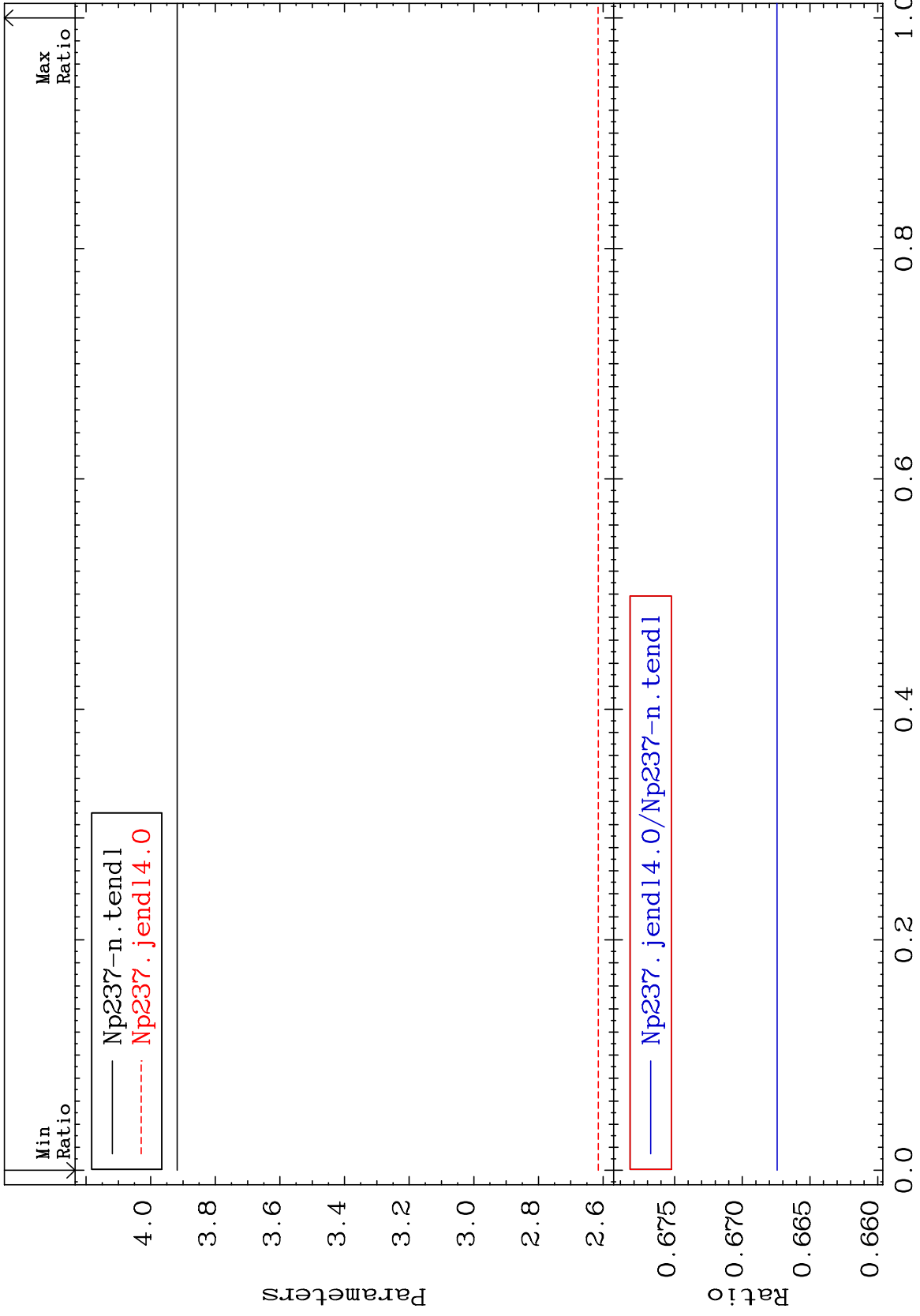
Incident Energy (KeV)

93-Np-237

MAT 9346

Prompt $\bar{\nu}$
Parameters

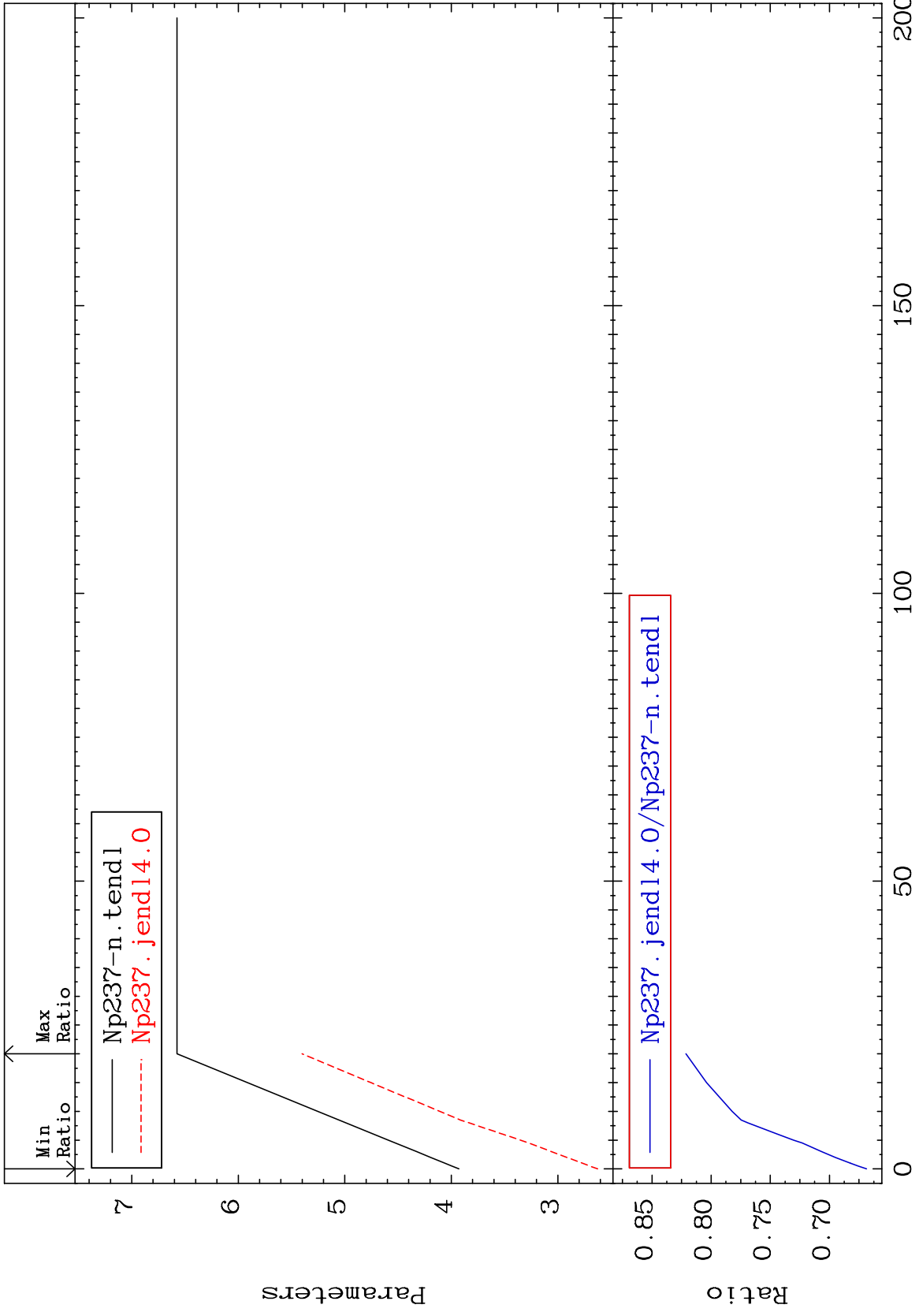
93-Np-237
-33.26 To -33.26%



MAT 9346

Total $\bar{\nu}$
Parameters

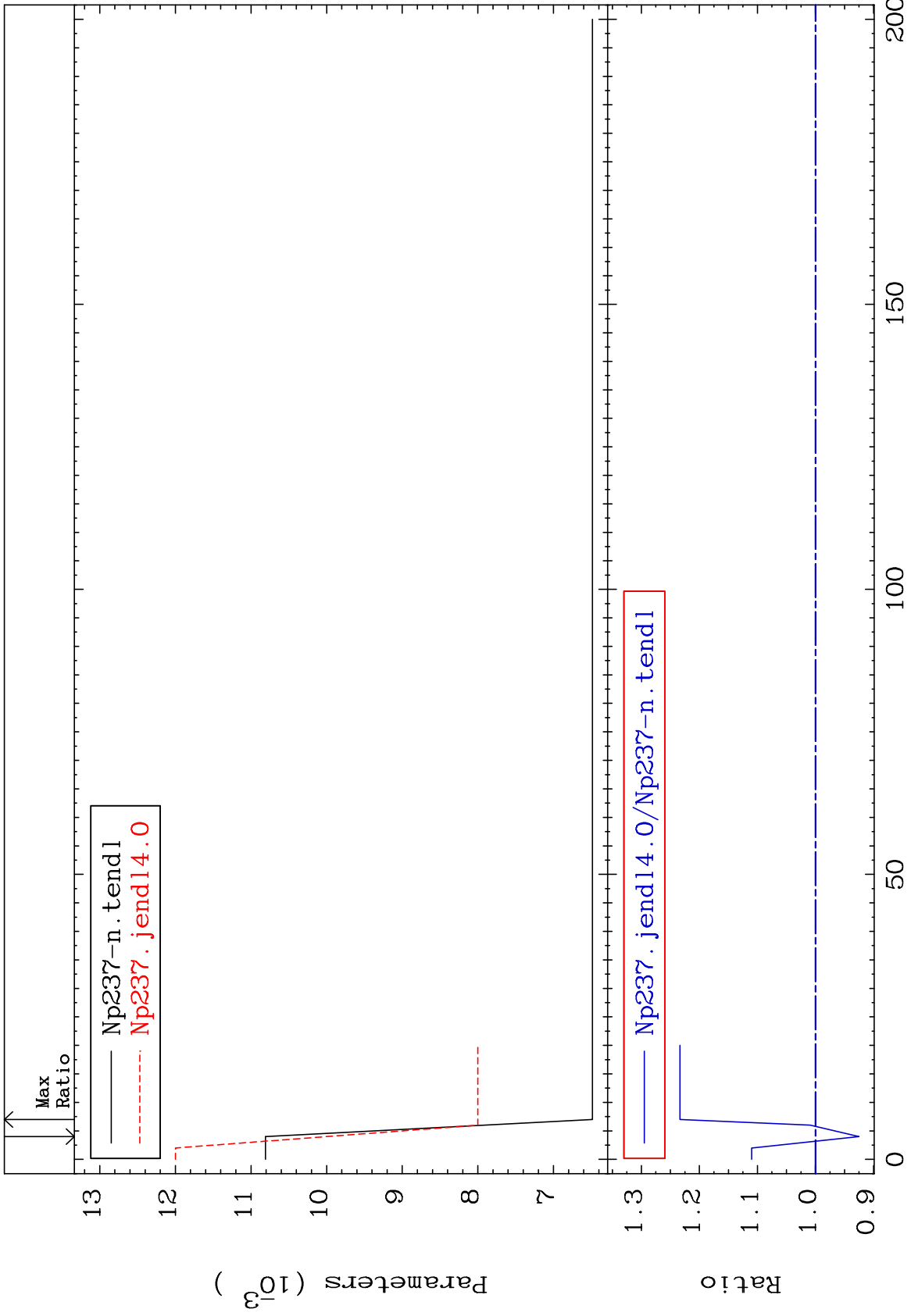
93-Np-237
-33.14 To -17.87%



MAT 9346

Delayed $\bar{\nu}$
Parameters

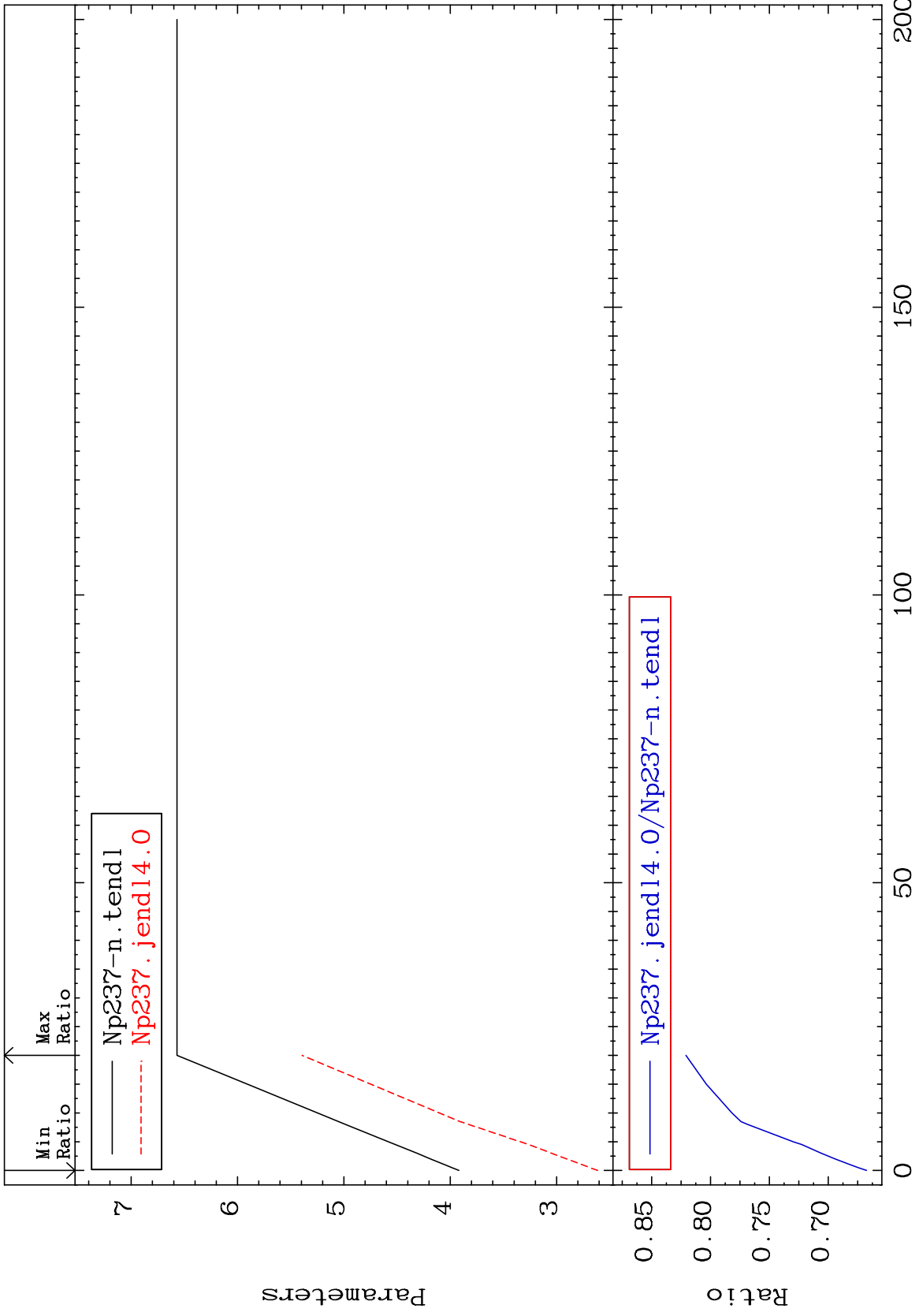
93-Np-237
-7.493 To 23.34 %



Incident Energy (MeV)

93-Np-237

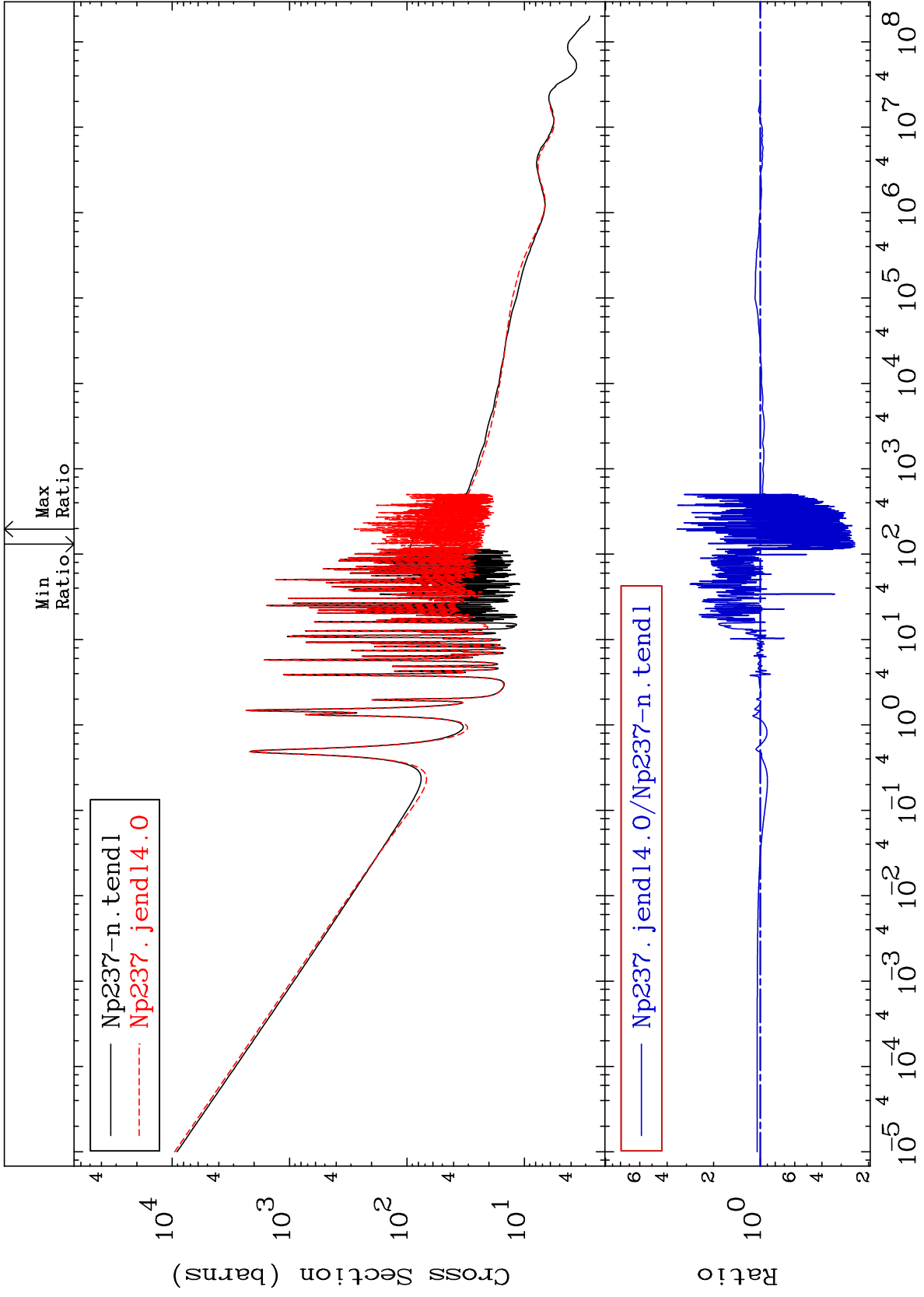
2



MAT 9346

Total
Cross Section

93-Np-237
-75.59 To 245.3 %



Incident Energy (eV)

93-Np-237

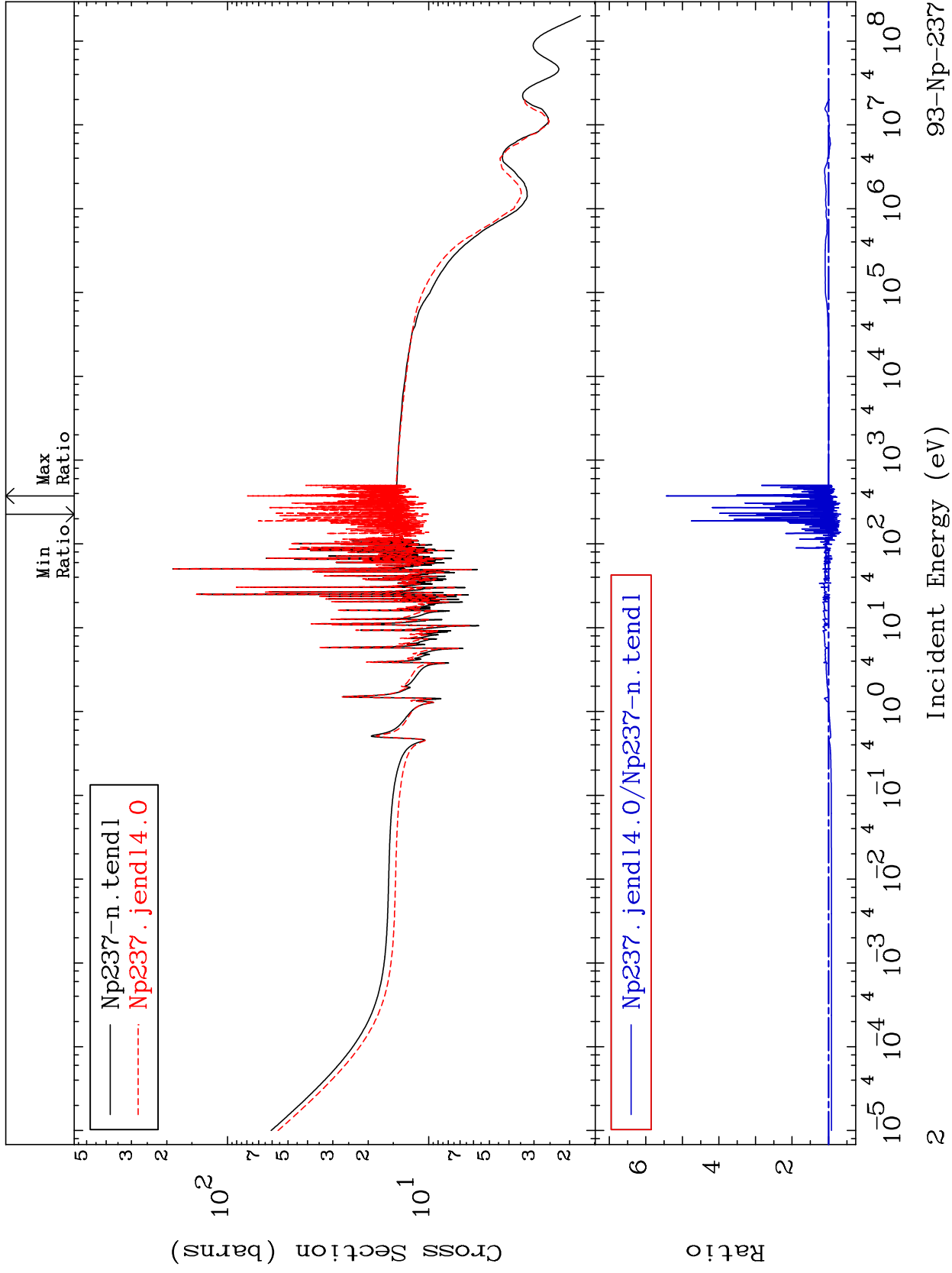
MAT 9346

Elastic

93-Np-237

Cross Section

-33.44 To 445.0 %

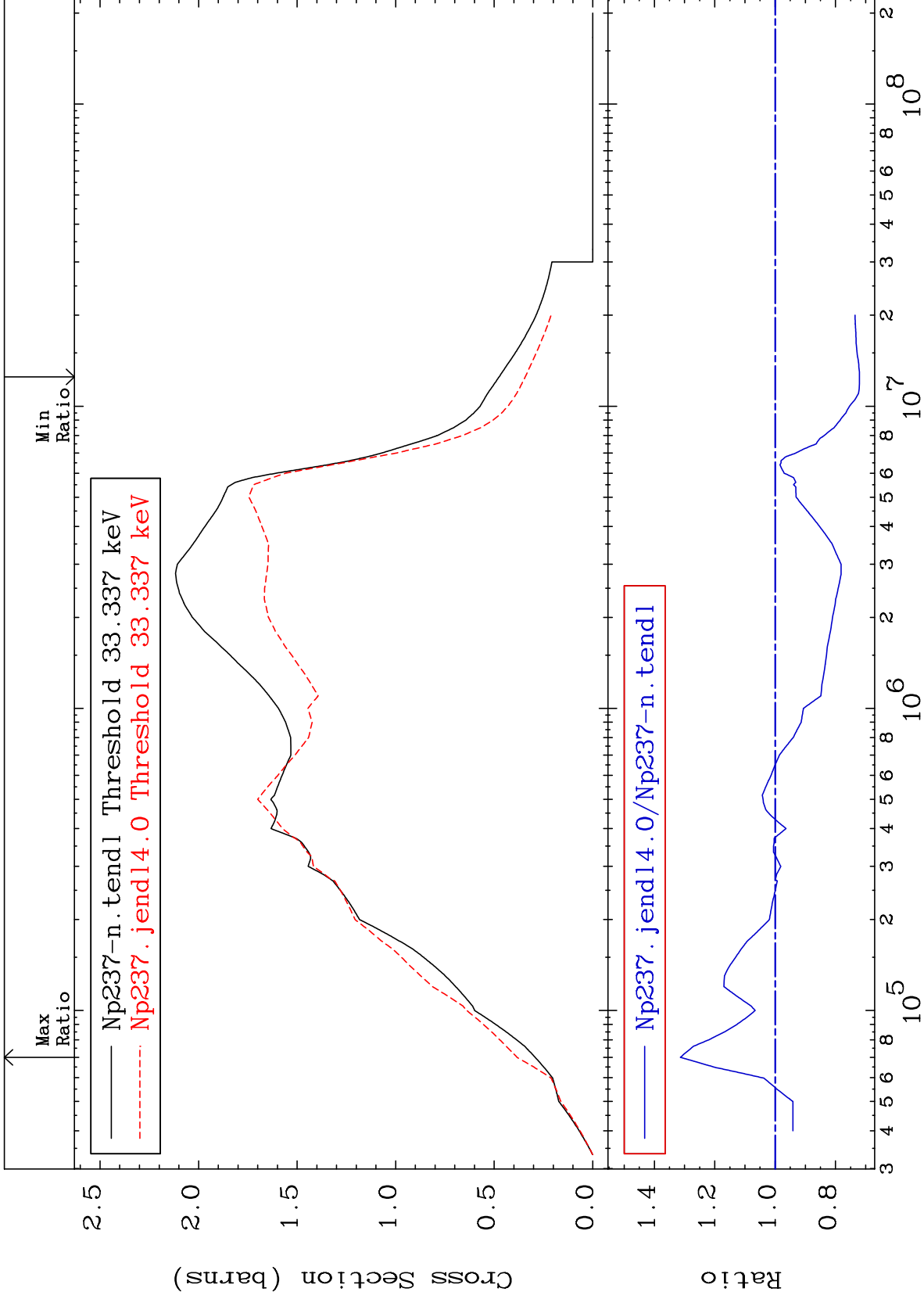


93-Np-237

MAT 9346

Inelastic
Cross Section

93-Np-237
-27.91 To 31.39 %



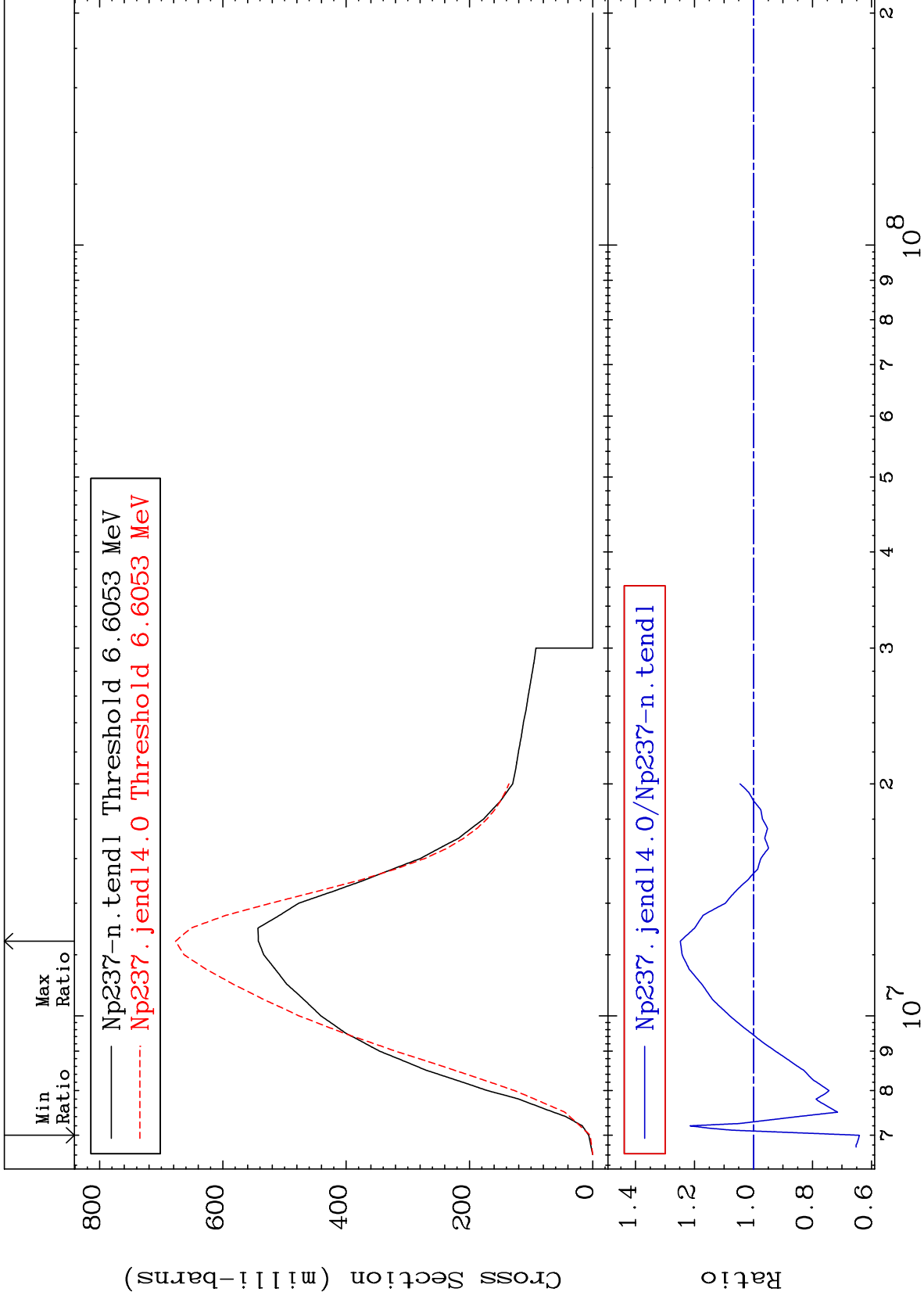
MAT 9346

(n,2n)

93-Np-237

Cross Section

-35.92 To 24.80 %



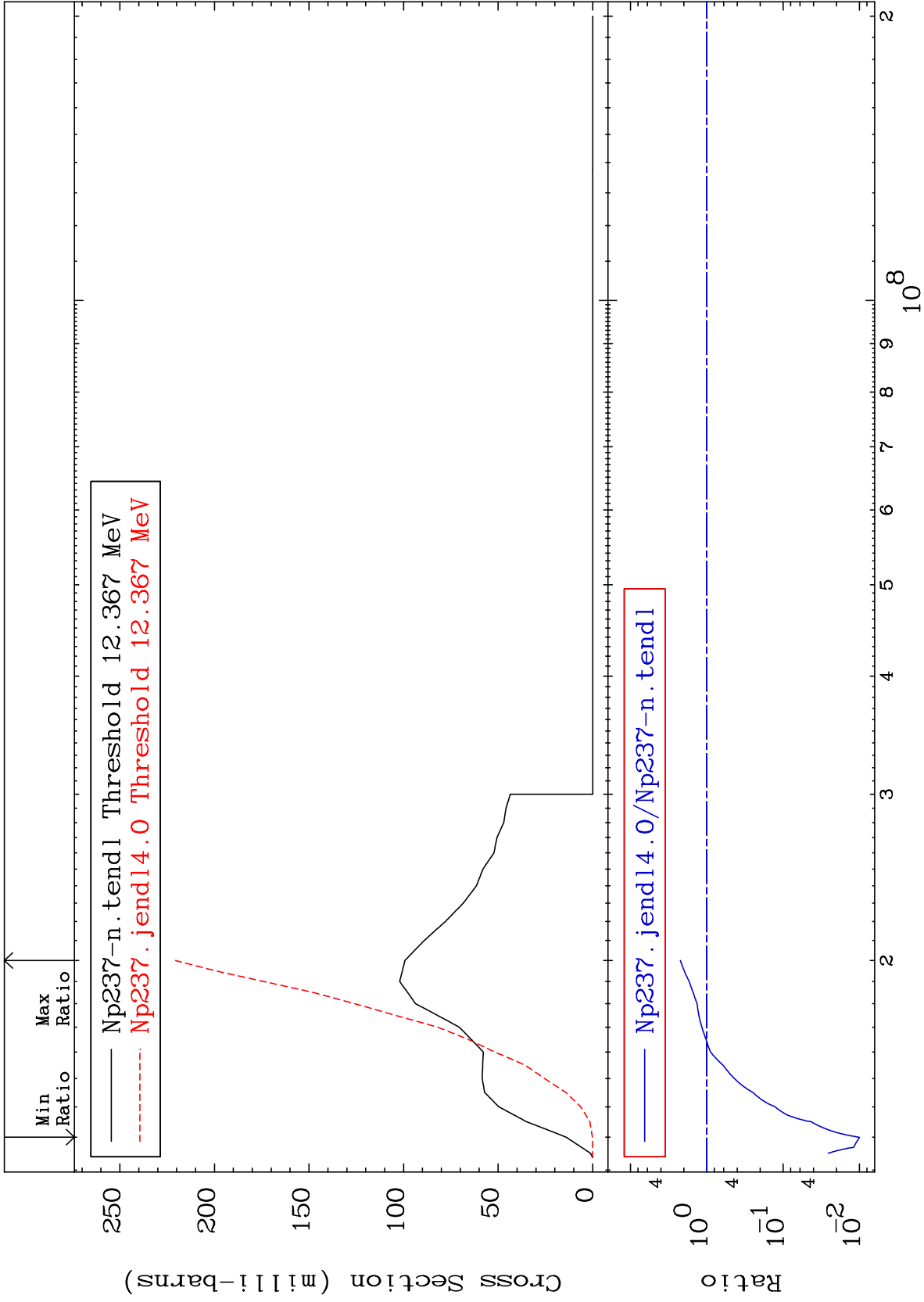
MAT 9346

(n,3n)

93-Np-237

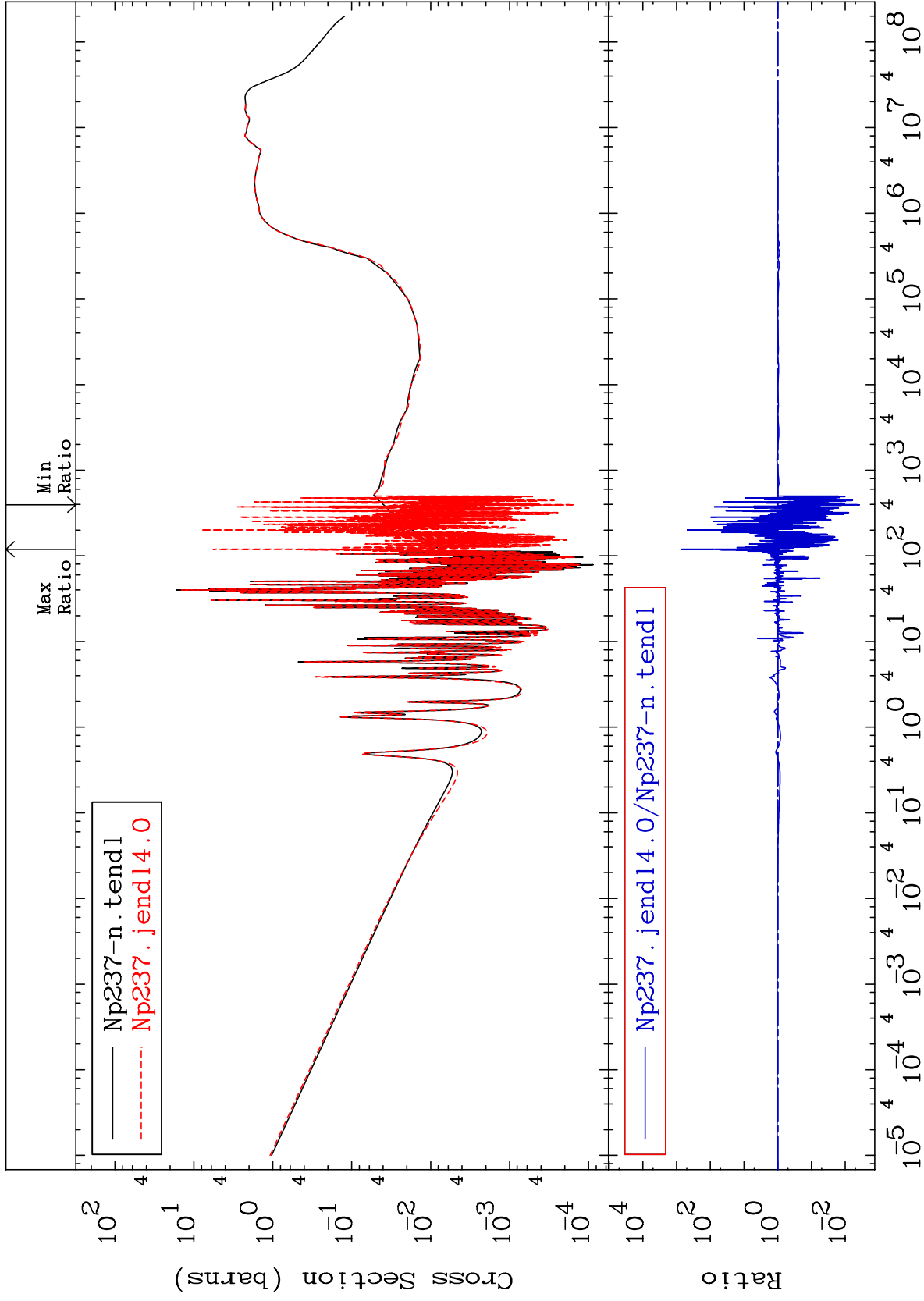
Cross Section

-99.00 To 122.2 %



MAT 9346

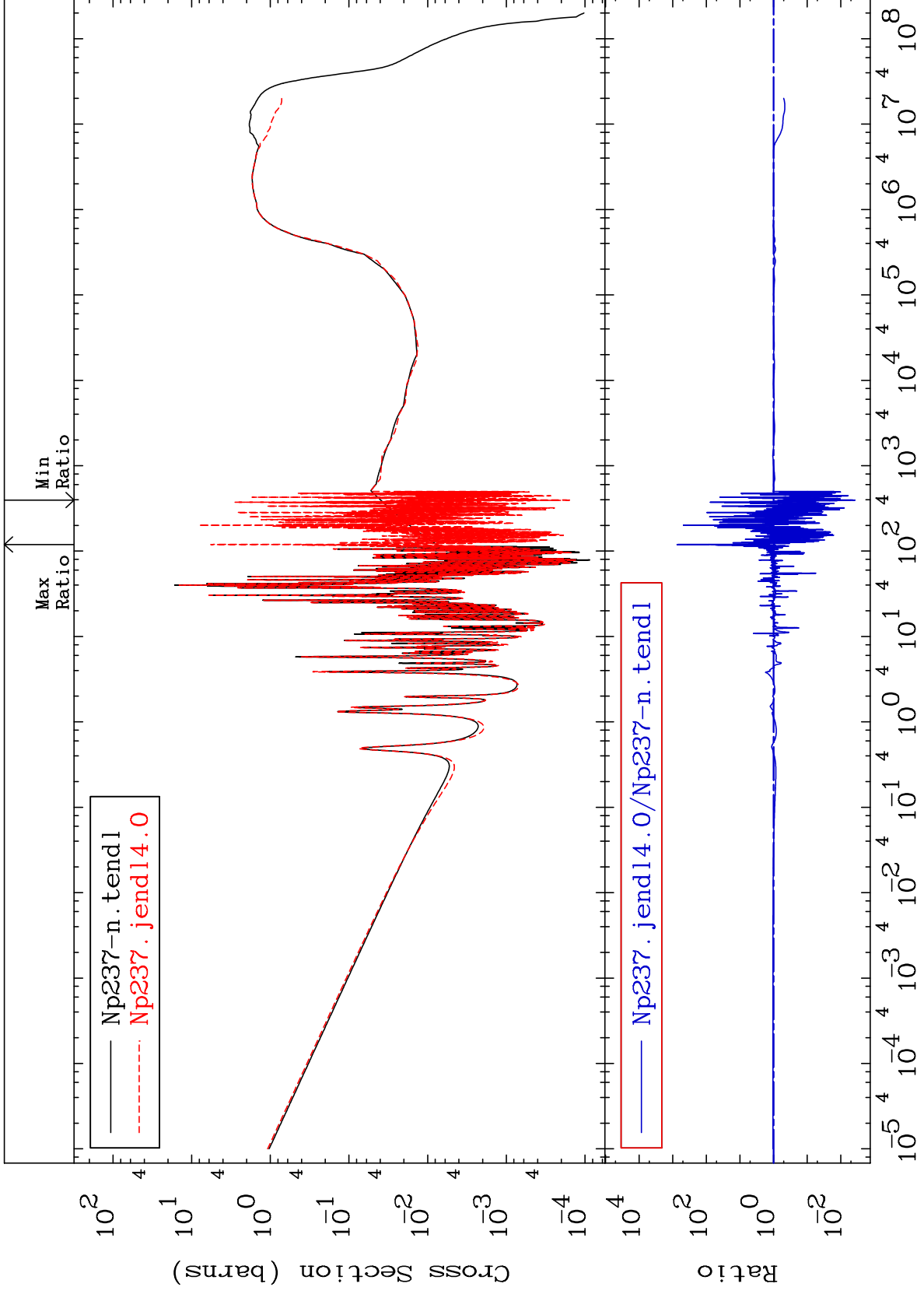
Fission Cross Section 93-Np-237
-99.62 To 9999. %

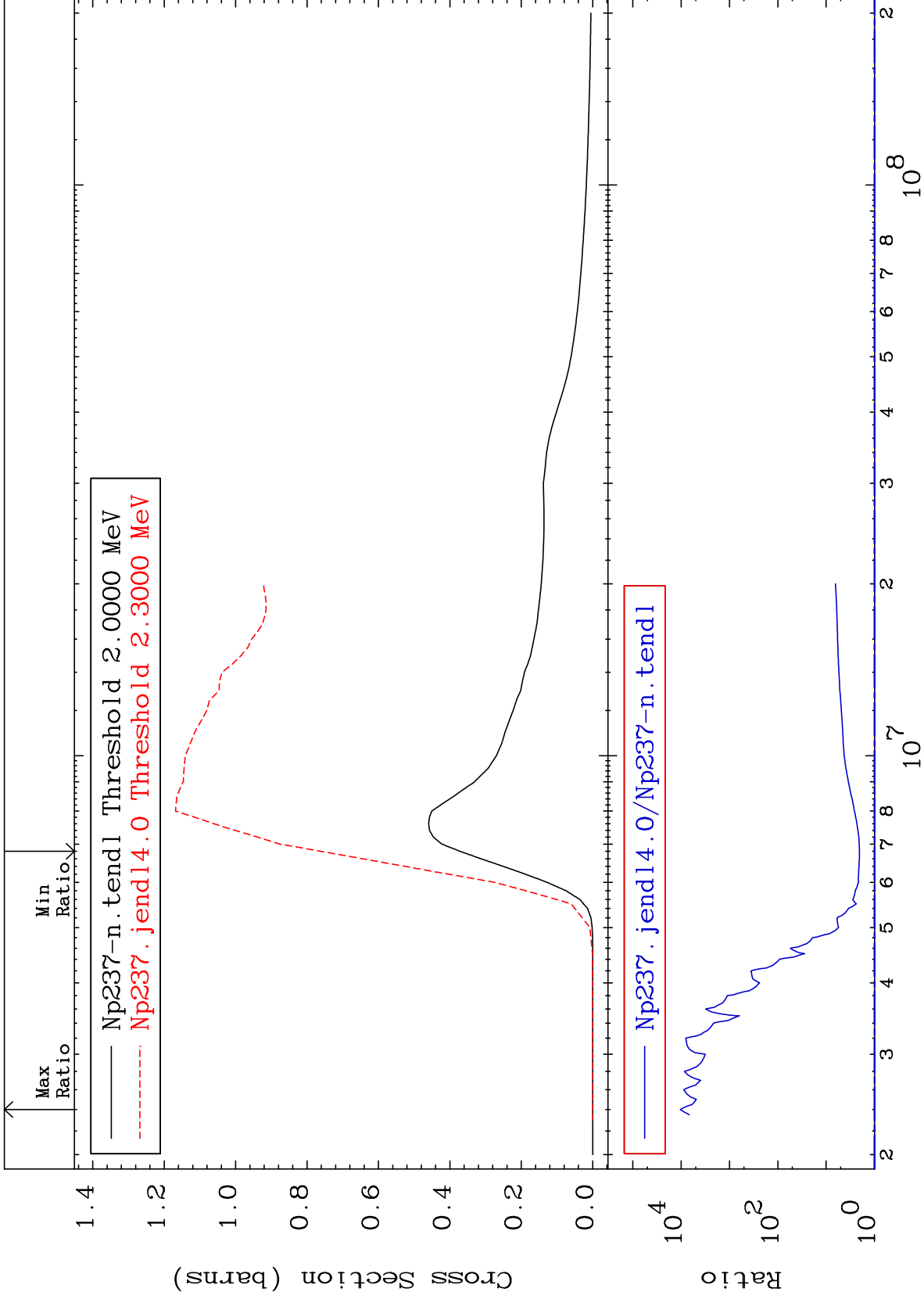


6

Incident Energy (eV)

93-Np-237

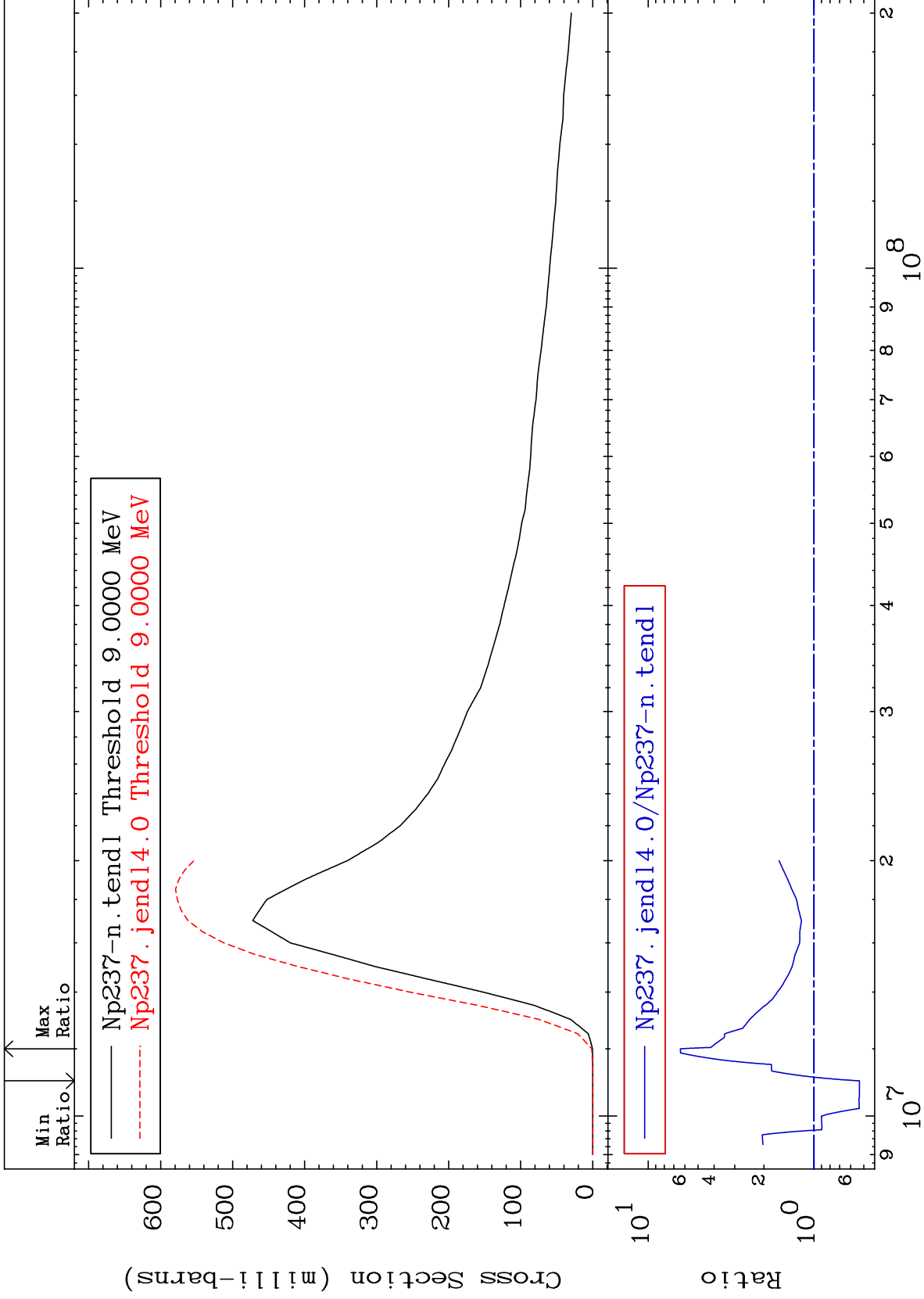




MAT 9346

(n,2nf) Third Chance
Cross Section

93-Np-237
-46.85 To 539.3 %



9

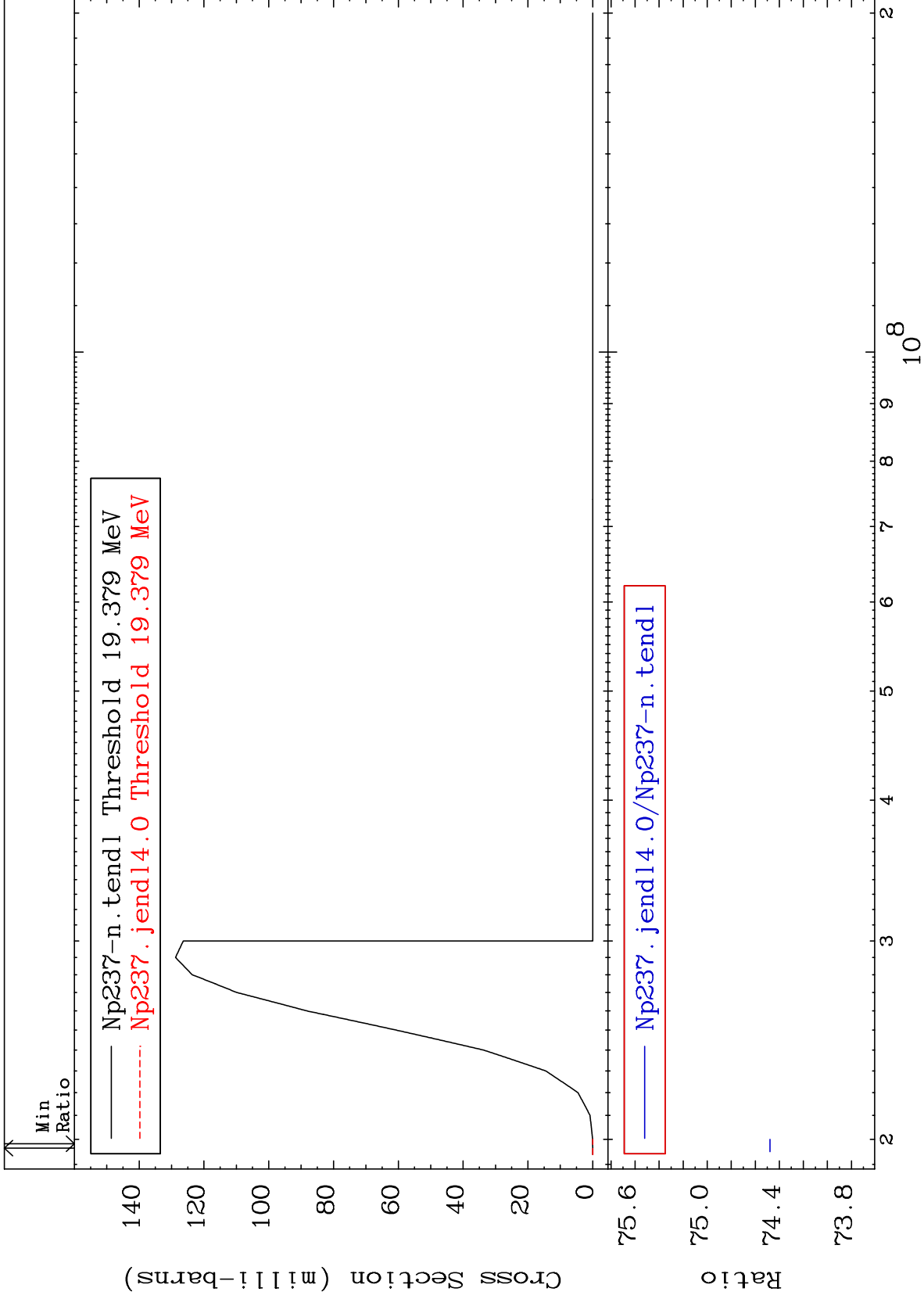
Incident Energy (eV)

93-Np-237

MAT 9346

(n,4n)
Cross Section

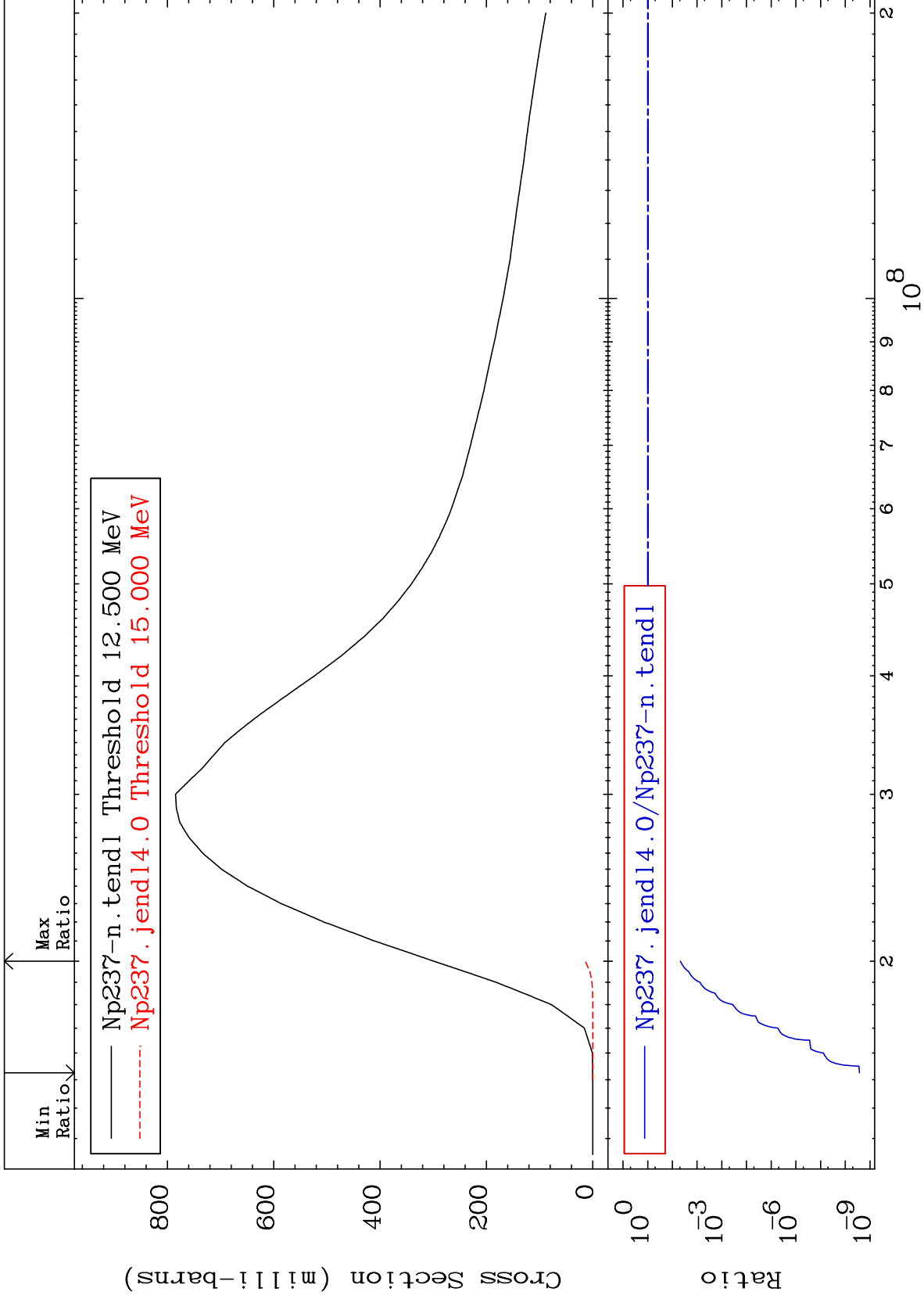
93-Np-237
-99.99 To -99.99%



10

Incident Energy (eV)

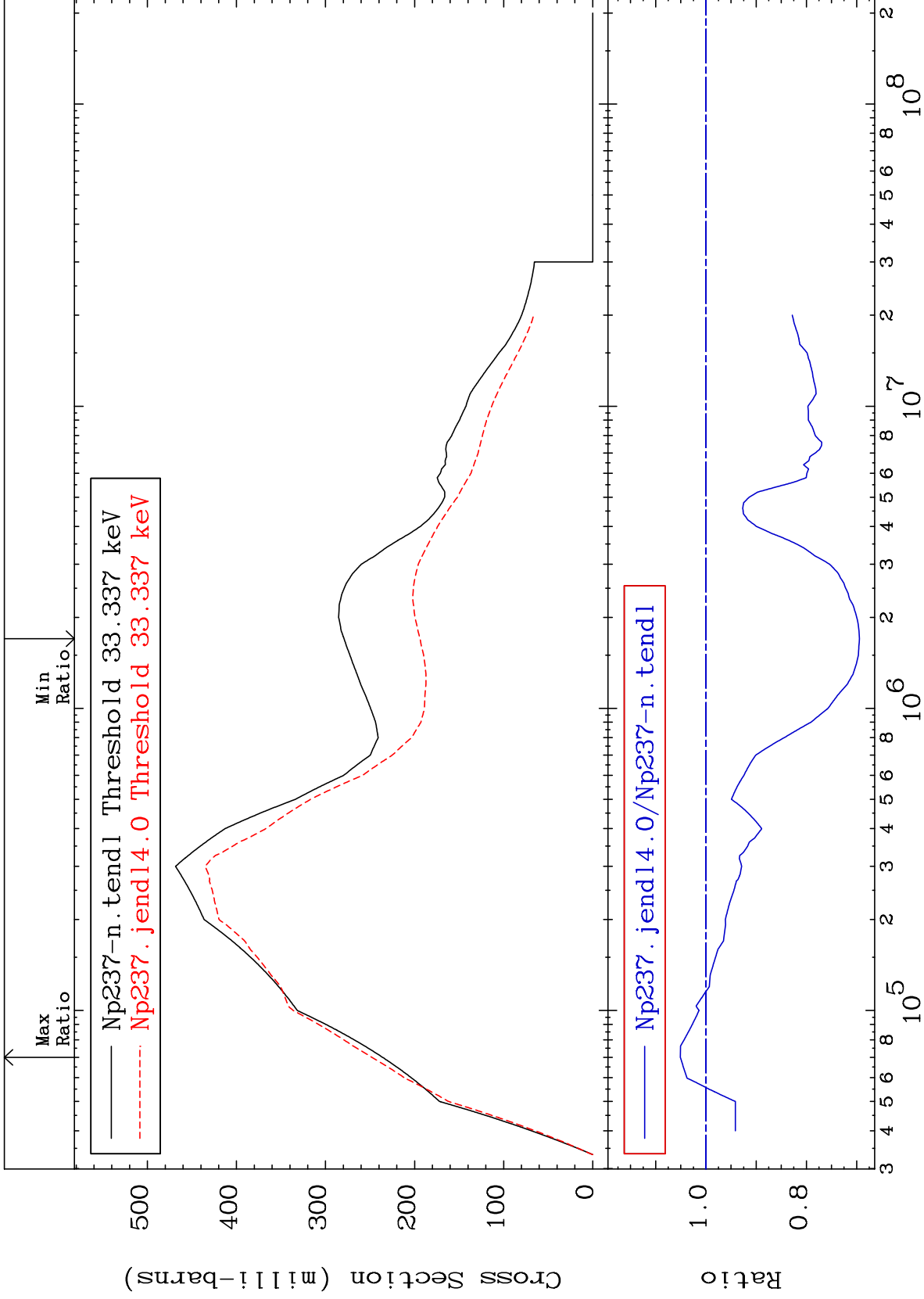
93-Np-237



MAT 9346

33.20 keV (n,n') Level
Cross Section

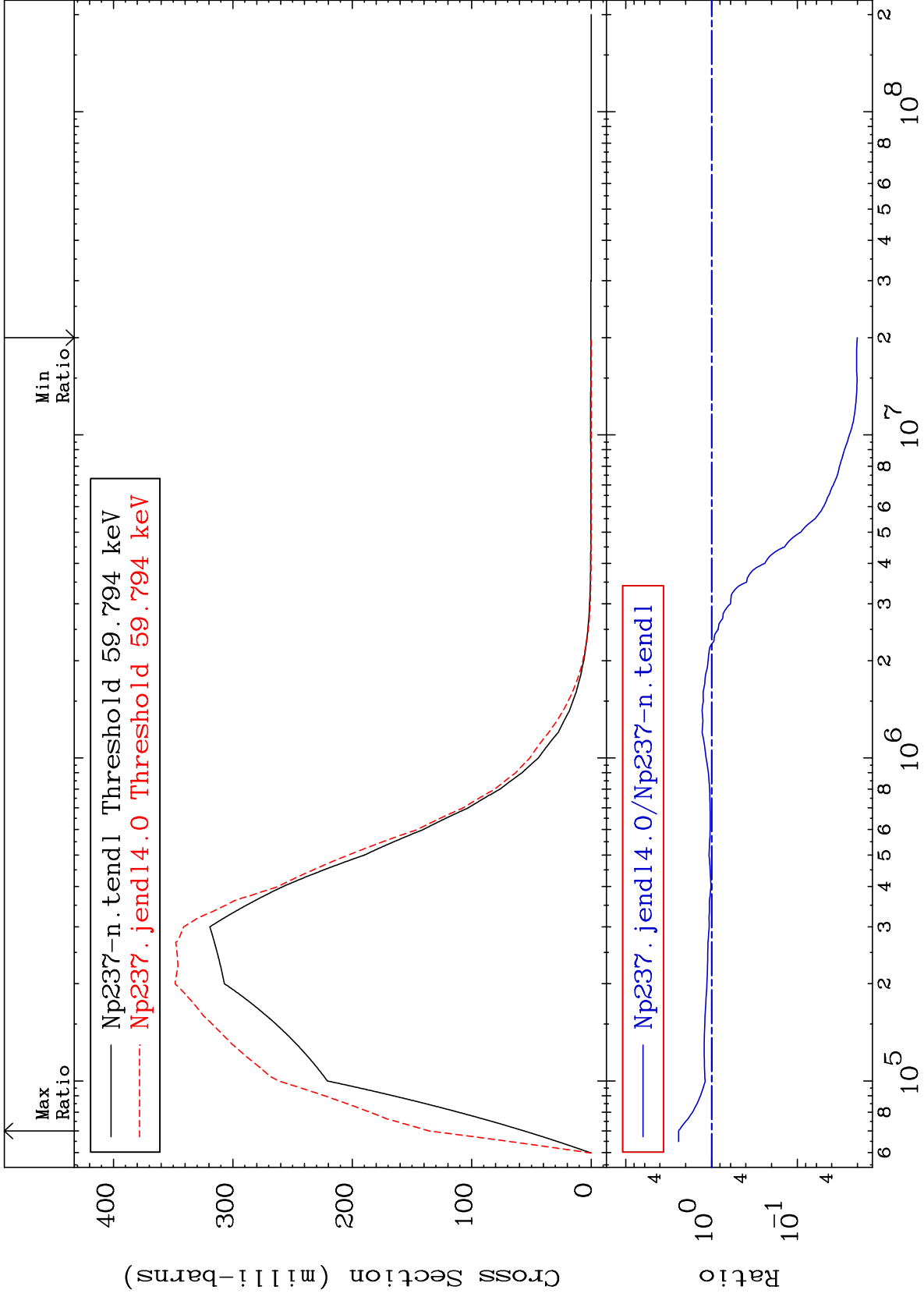
93-Np-237
-30.56 To 5.091 %



MAT 9346

59.54 keV (n,n') Level
Cross Section

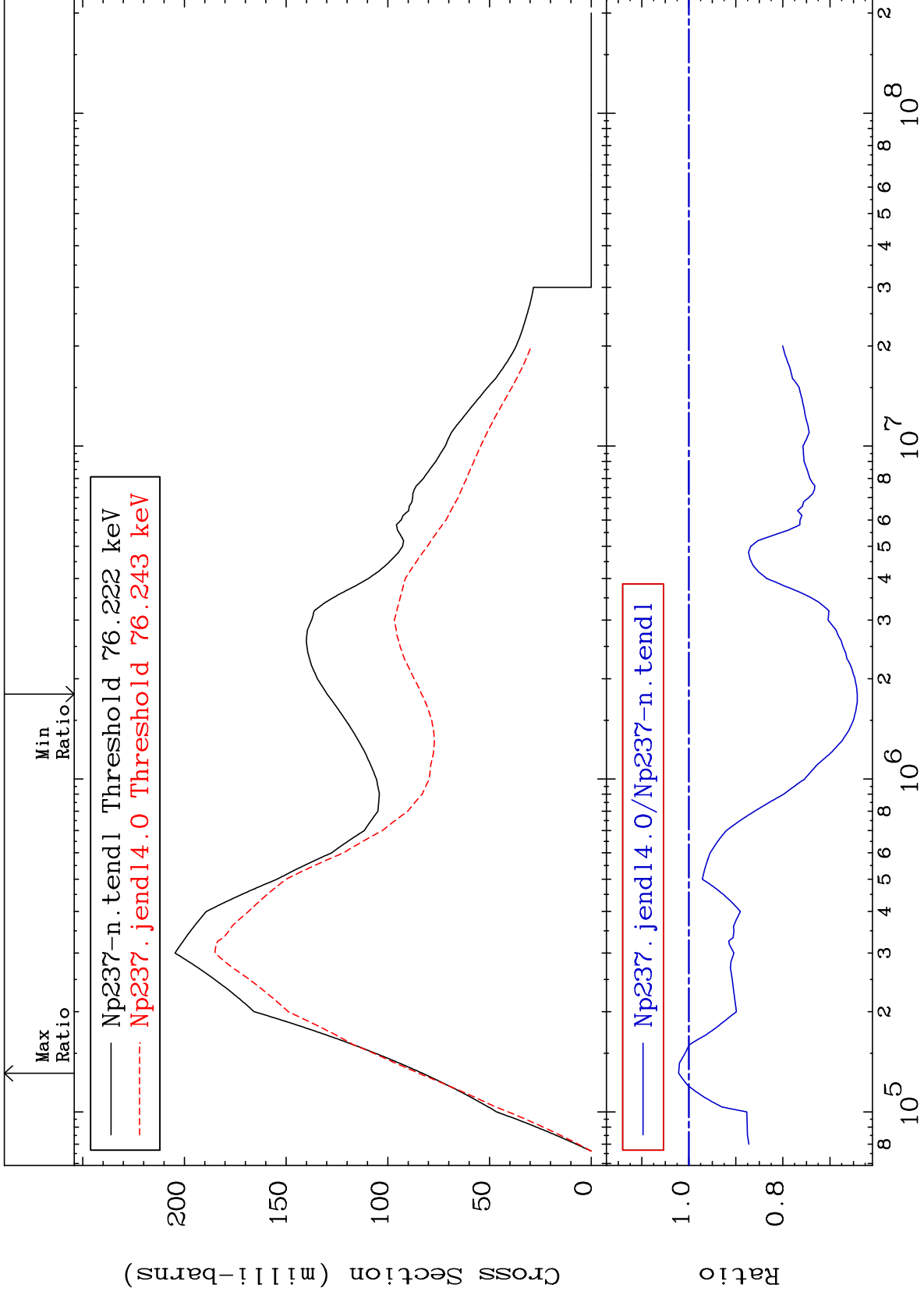
93-Np-237
-97.99 To 142.0 %



MAT 9346

75.90 keV (n,n') Level
Cross Section

93-Np-237
-35.82 To 2.176 %



14

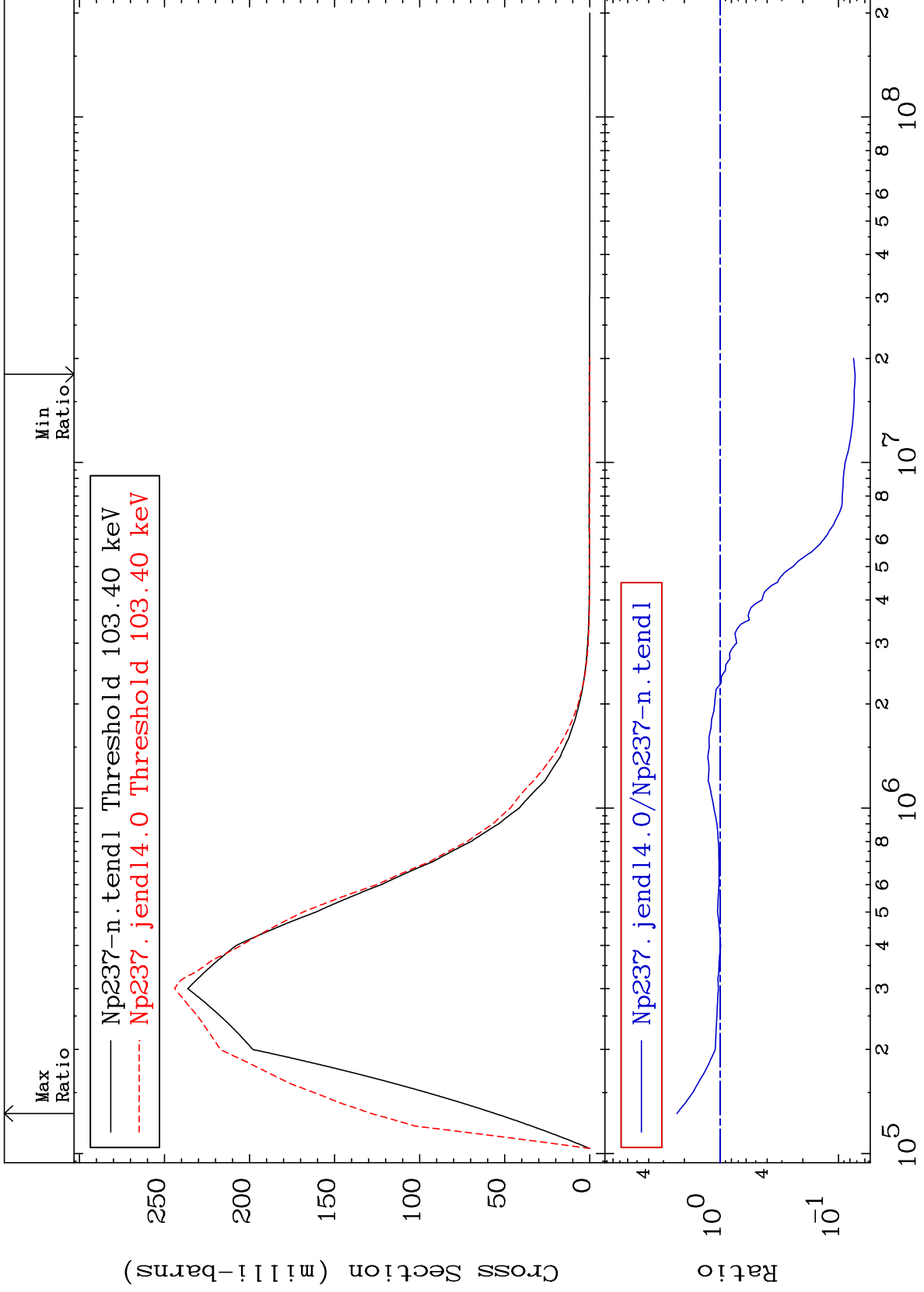
Incident Energy (eV)

93-Np-237

MAT 9346

103.0 keV (n,n') Level
Cross Section

93-Np-237
-92.76 To 130.7 %



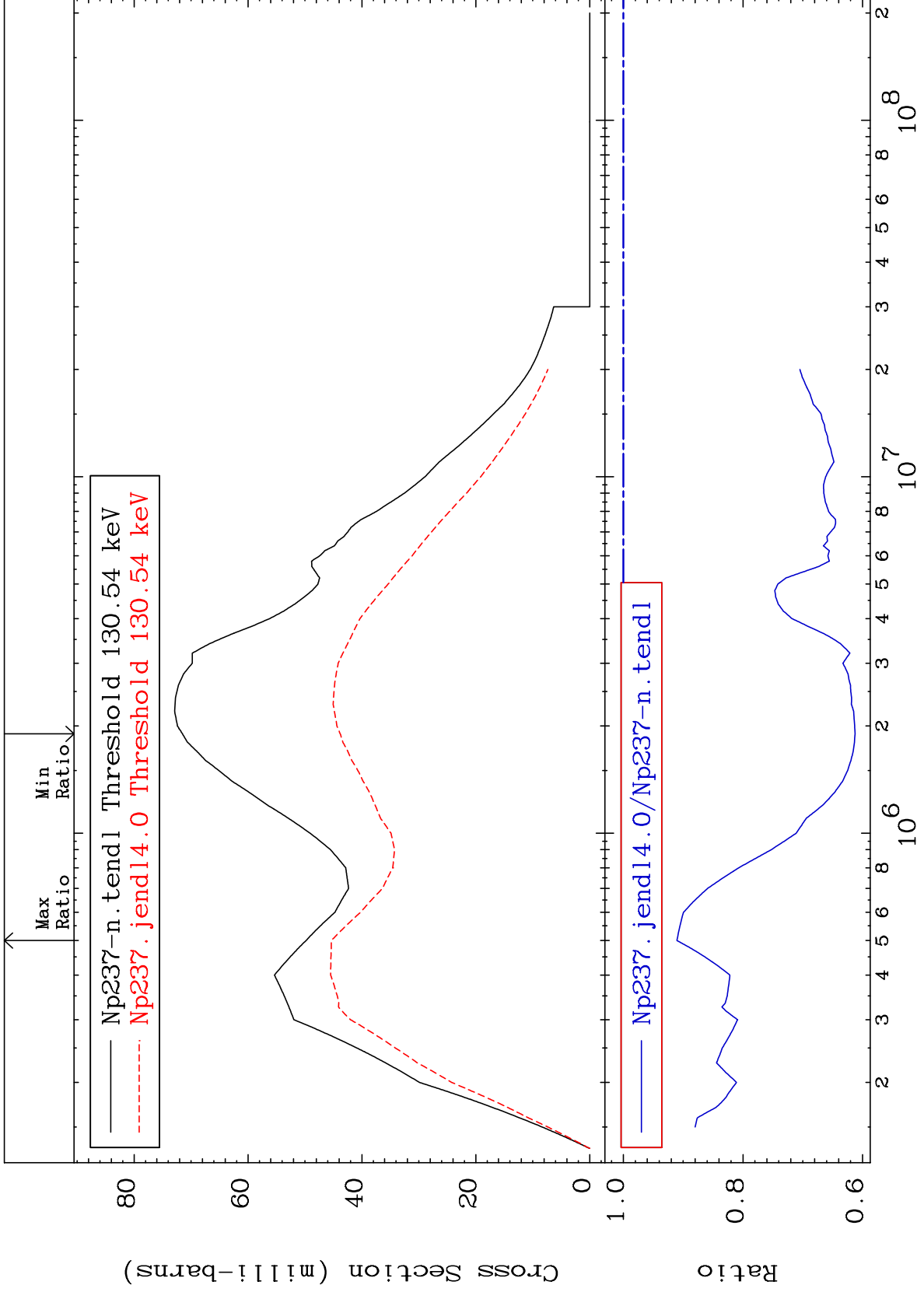
15

93-Np-237

MAT 9346

130.0 keV (n,n') Level
Cross Section

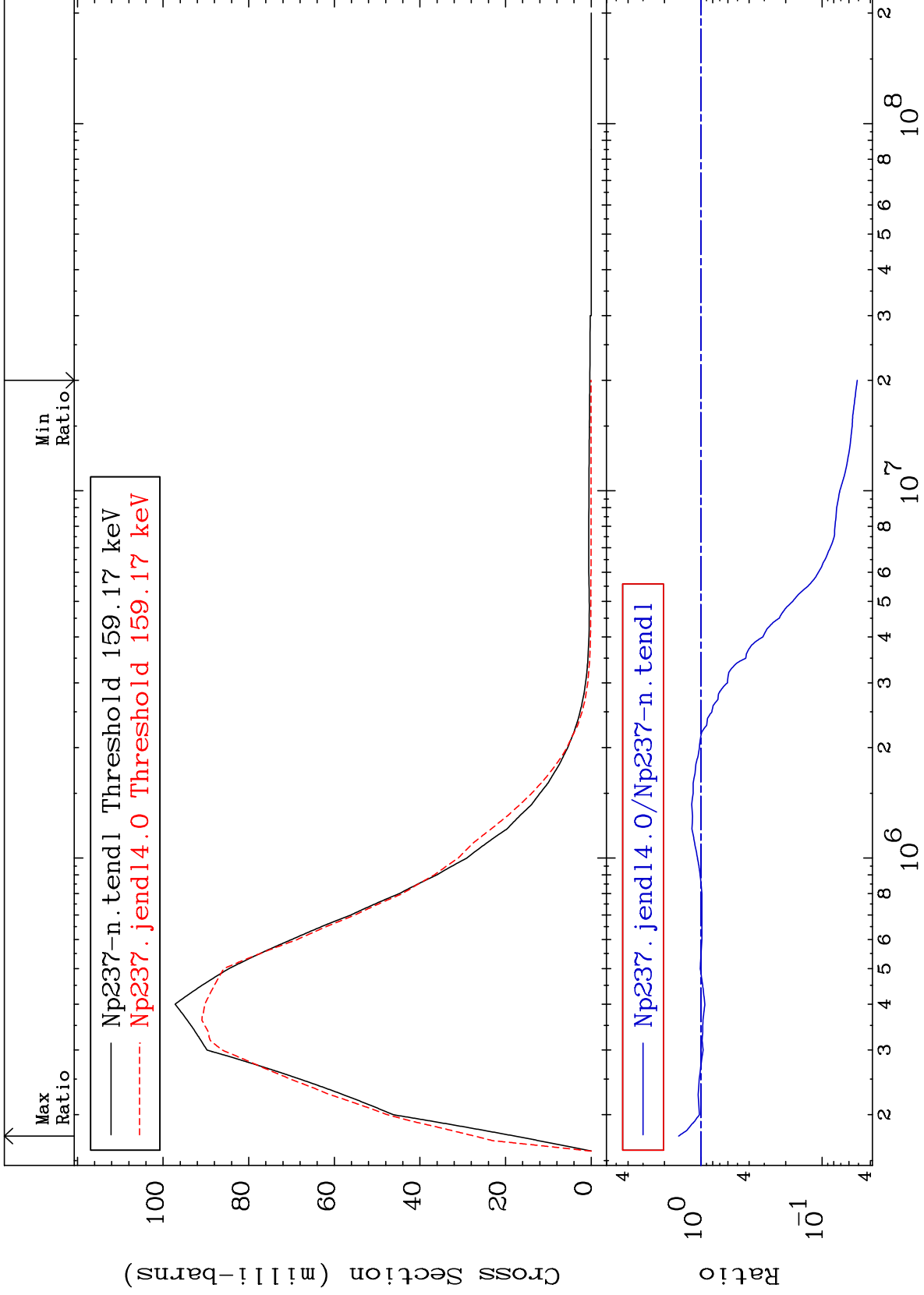
93-Np-237
-38.75 To -8.954%



MAT 9346

158.5 keV (n,n') Level
Cross Section

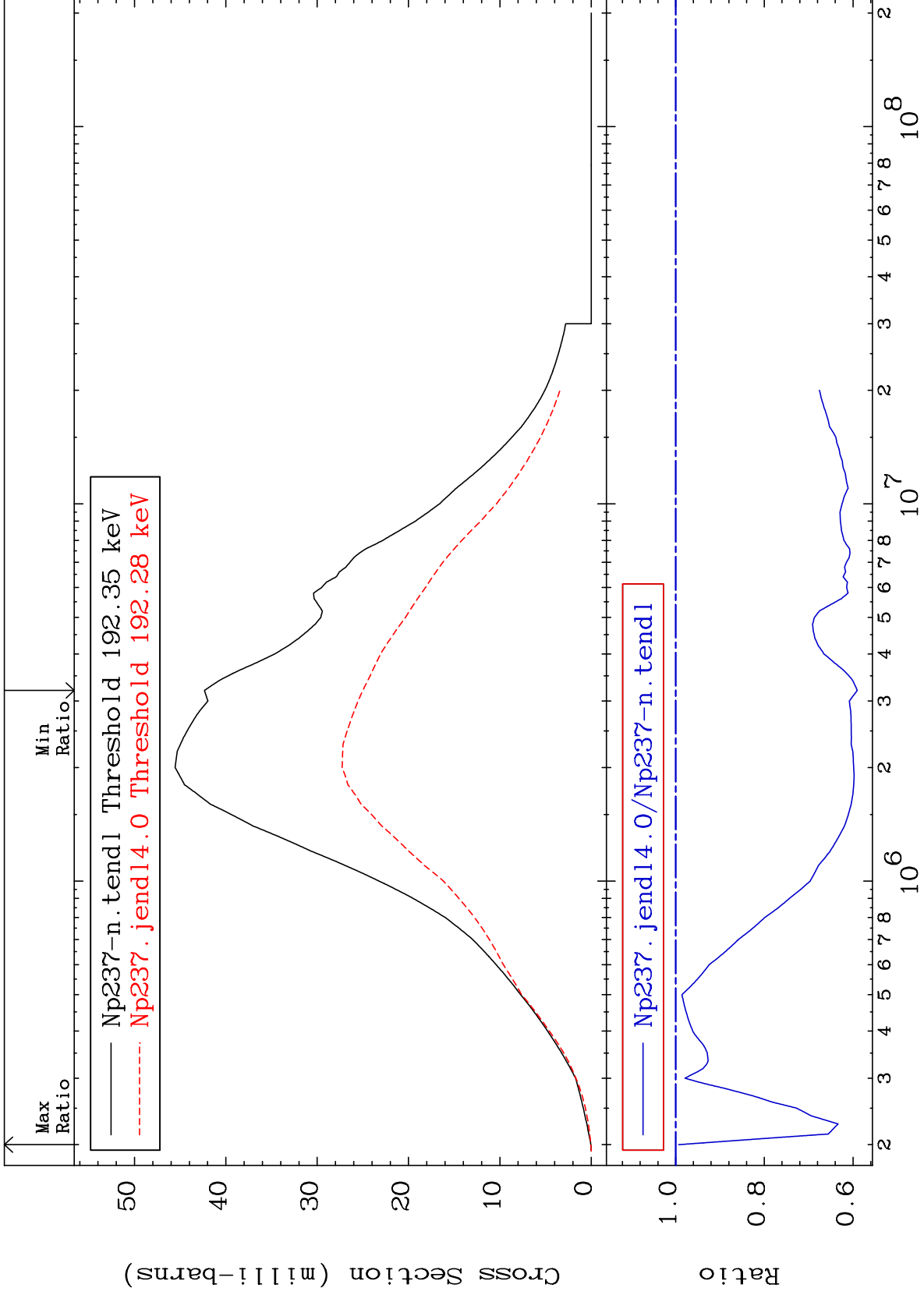
93-Np-237
-94.87 To 52.77 %



MAT 9346

191.5 keV (n,n') Level
Cross Section

93-Np-237
-40.96 To -0.674%



18

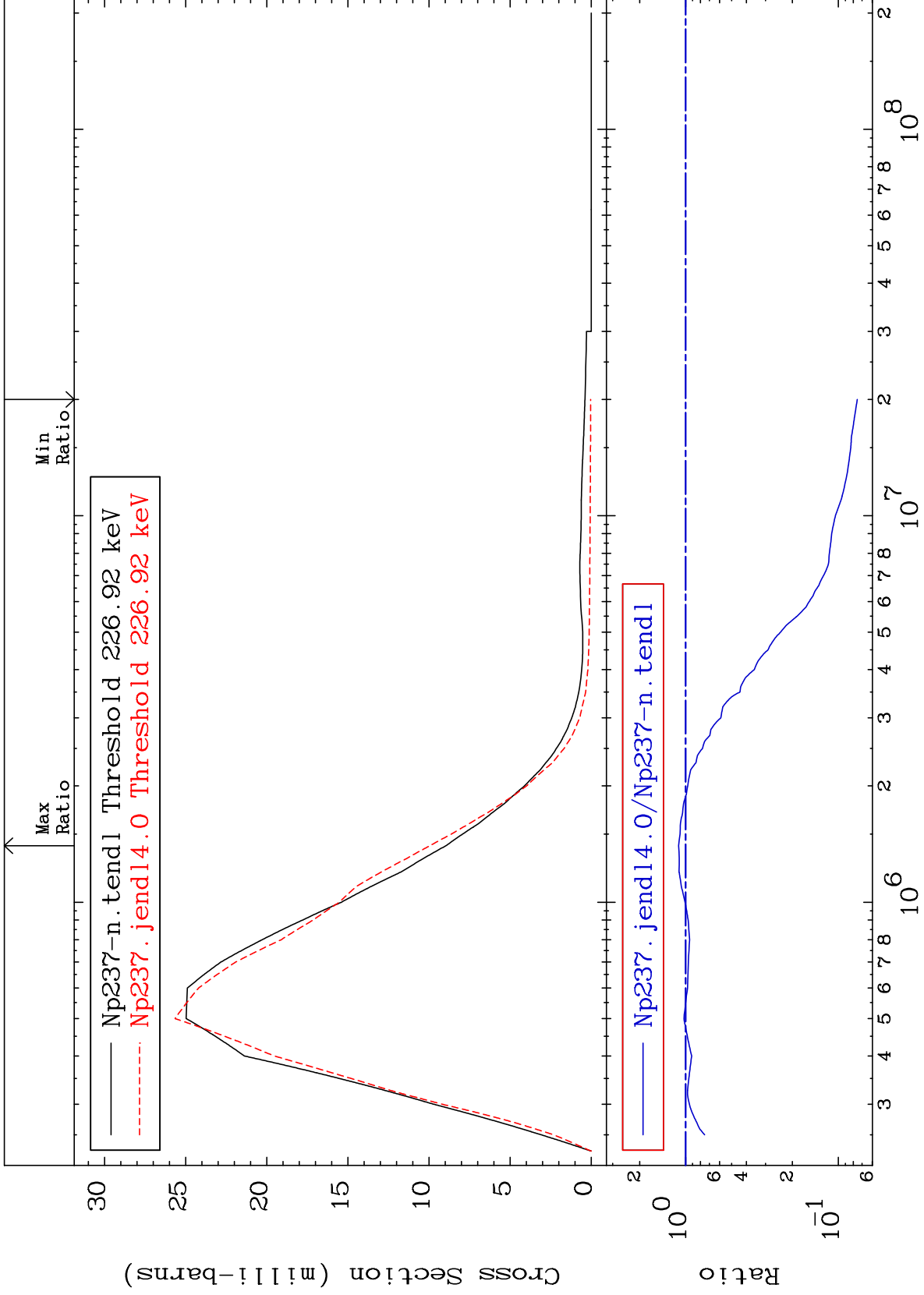
Incident Energy (eV)

93-Np-237

MAT 9346

226.0 keV (n,n') Level
Cross Section

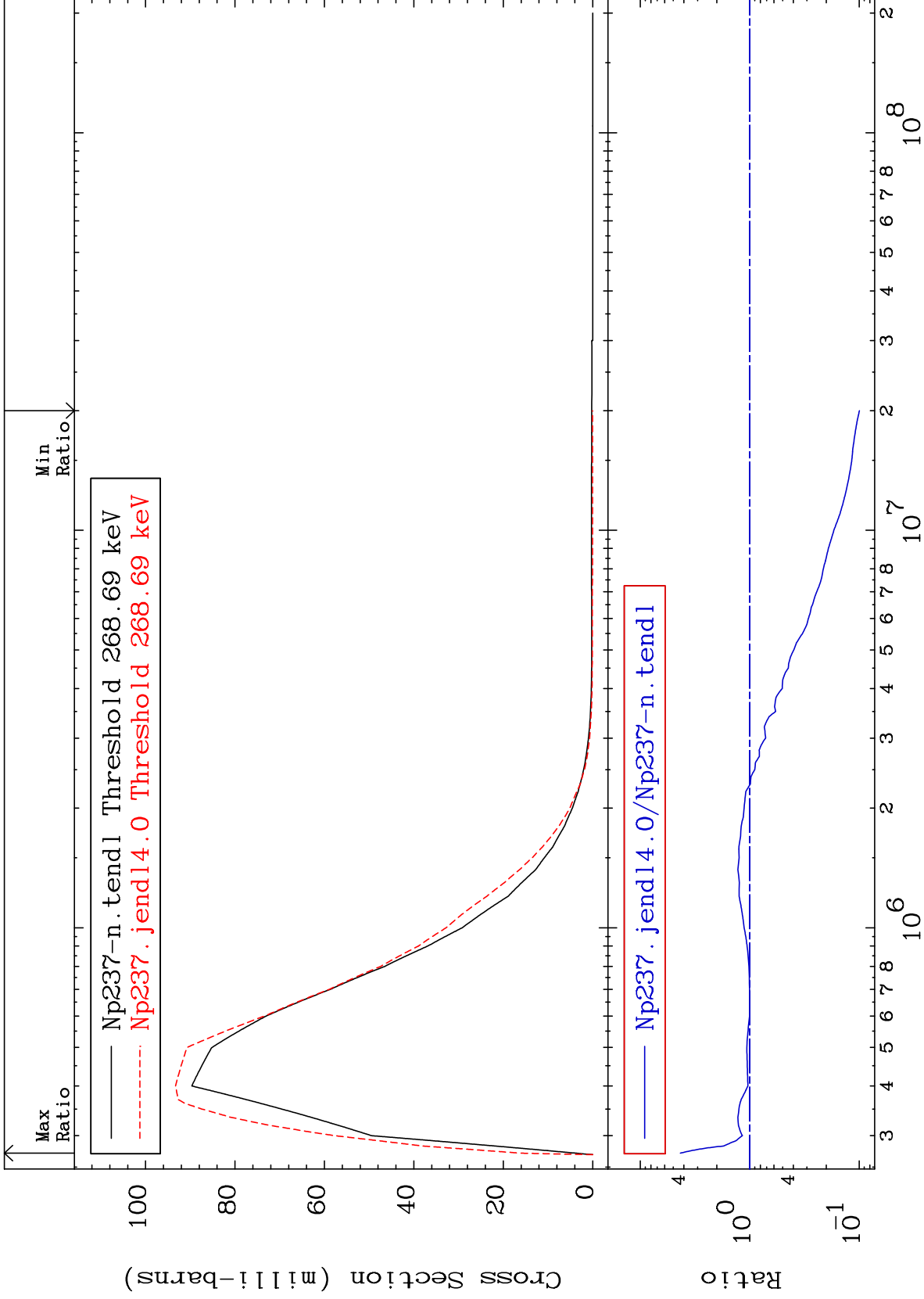
93-Np-237
-92.47 To 11.11 %



MAT 9346

267.6 keV (n,n') Level
Cross Section

93-Np-237
-90.05 To 330.6 %



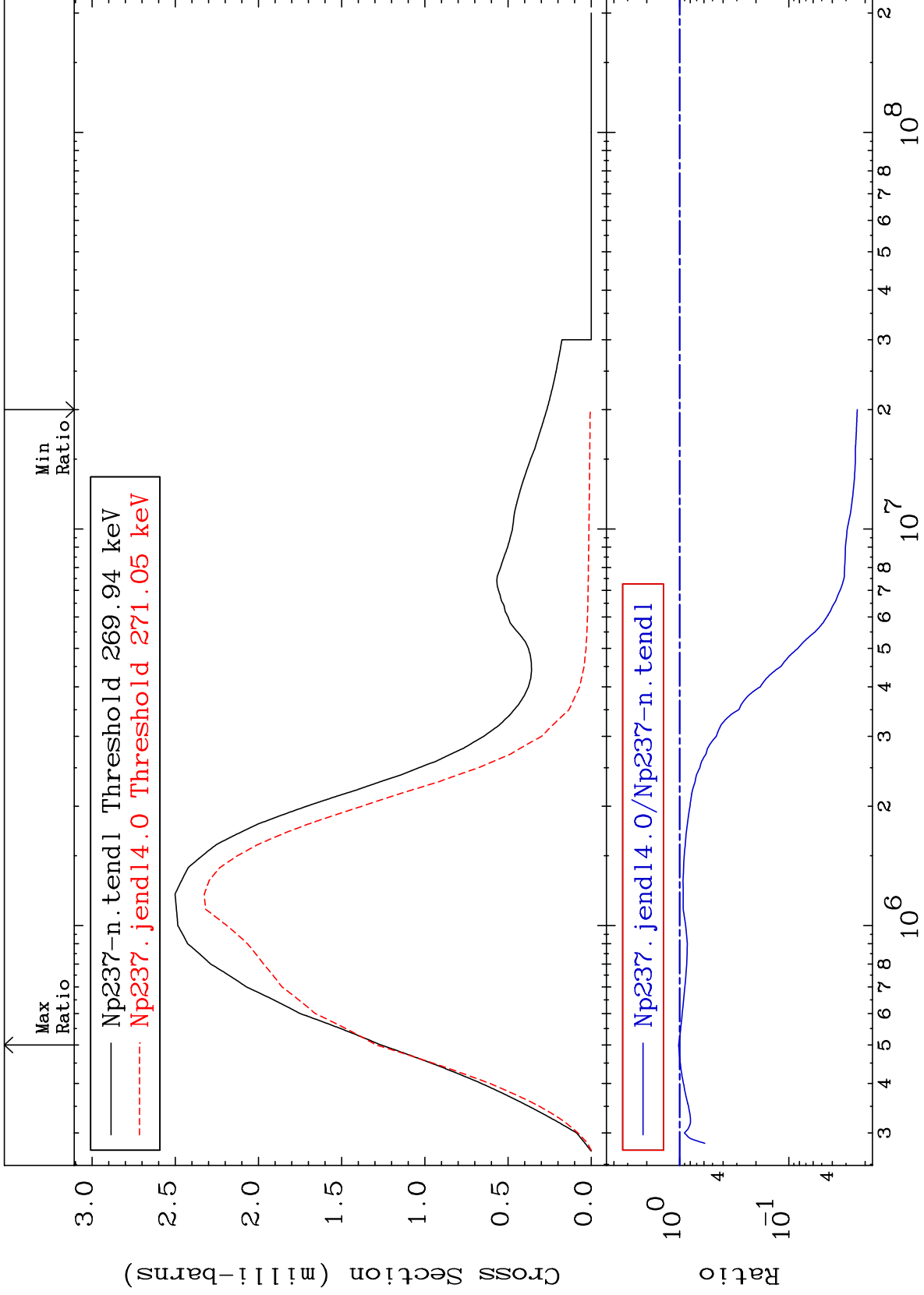
20

93-Np-237

MAT 9346

268.8 keV (n,n') Level
Cross Section

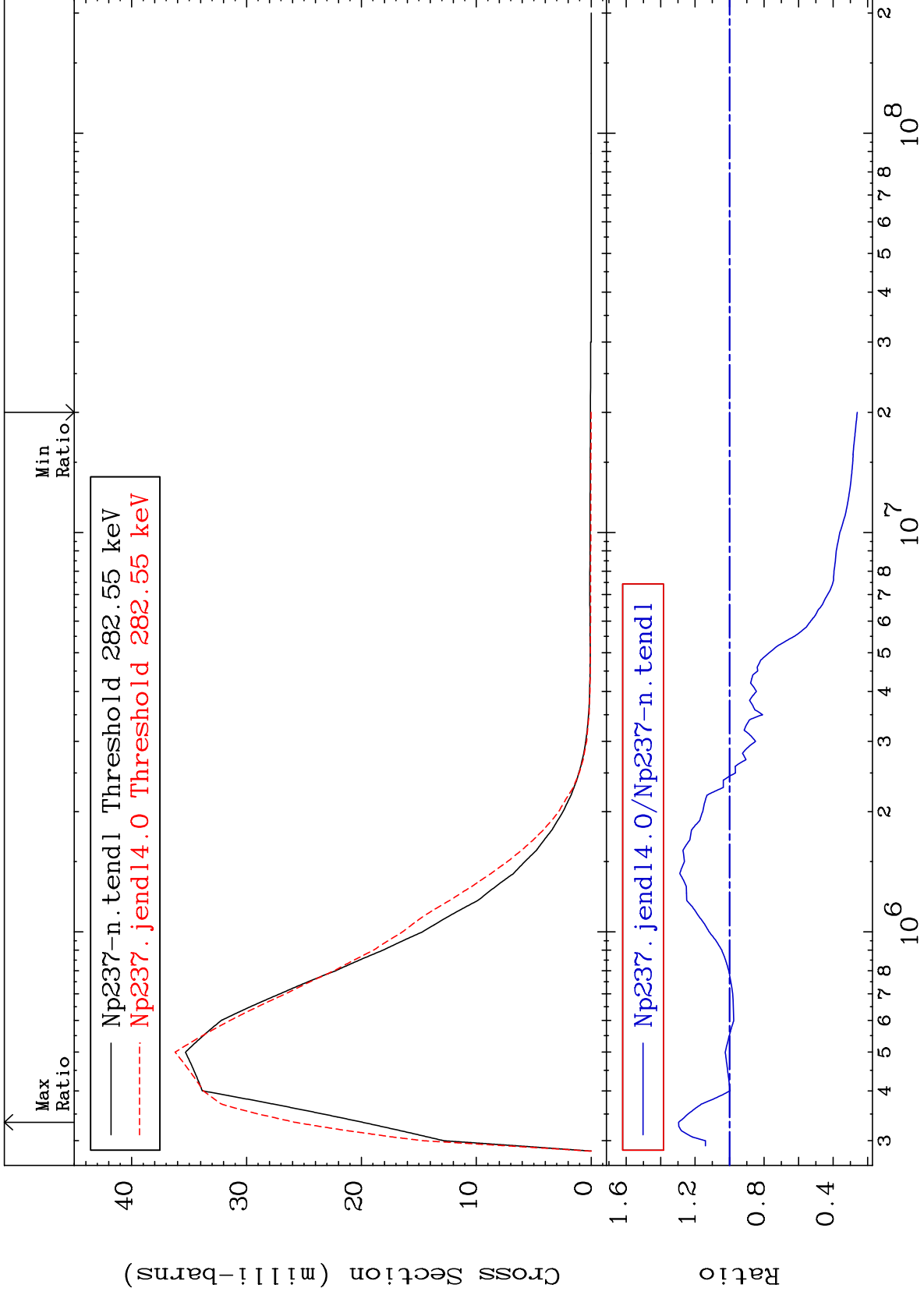
93-Np-237
-97.63 To 2.253 %



MAT 9346

281.4 keV (n,n') Level
Cross Section

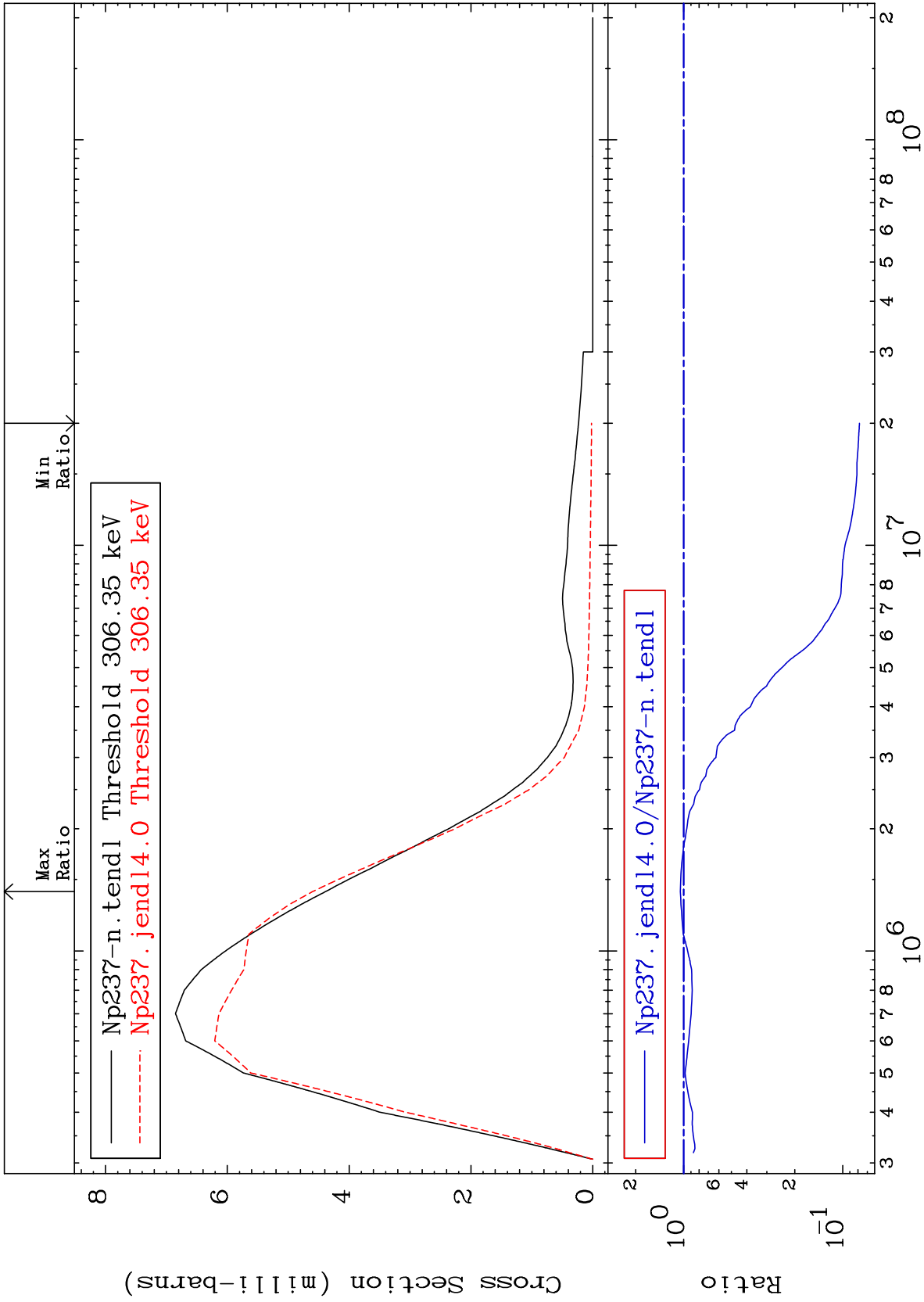
93-Np-237
-74.01 To 29.56 %



MAT 9346

305.1 keV (n,n') Level
Cross Section

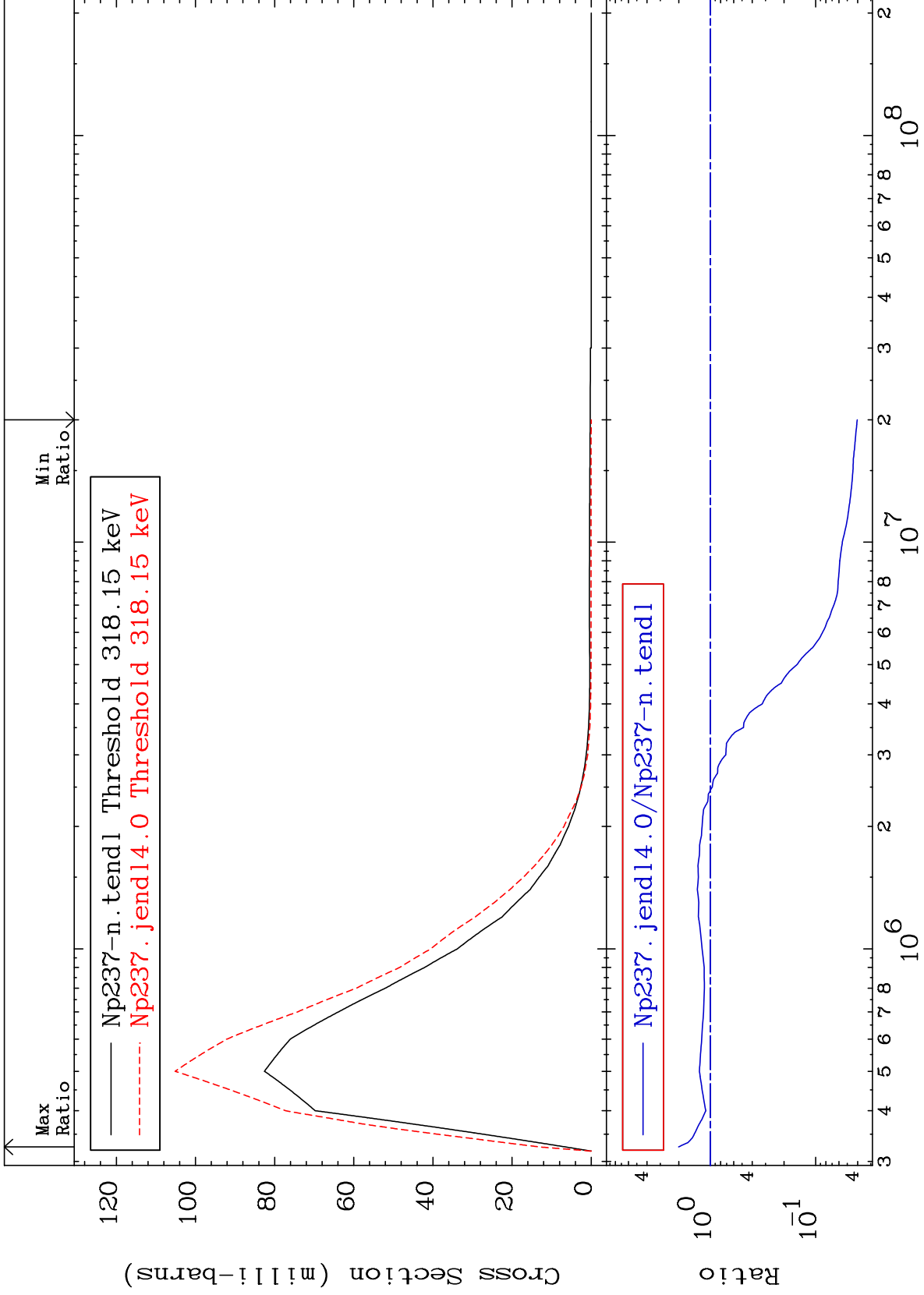
93-Np-237
-92.16 To 4.854 %



MAT 9346

316.8 keV (n,n') Level
Cross Section

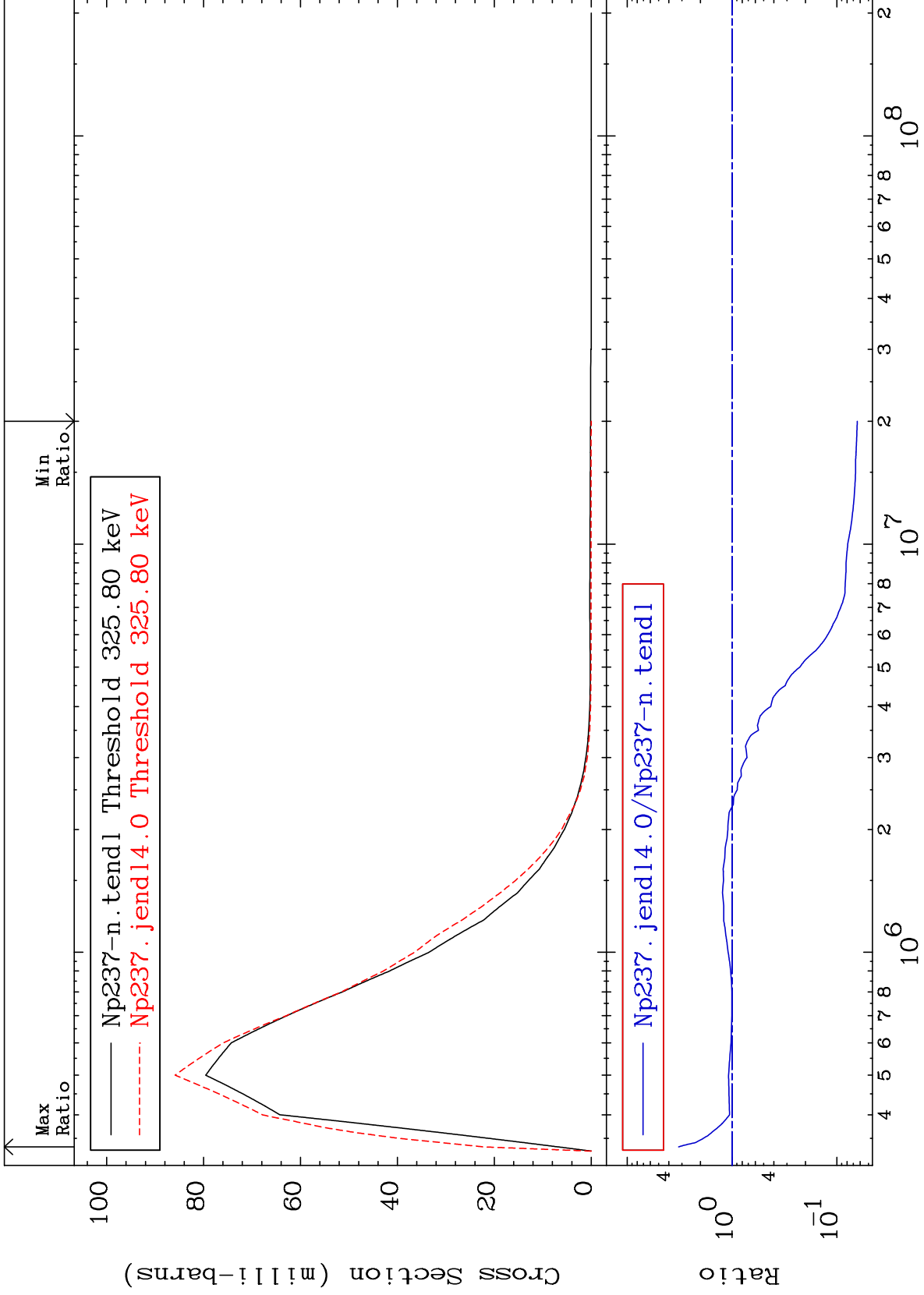
93-Np-237
-95.97 To 100.5 %



MAT 9346

324.4 keV (n,n') Level
Cross Section

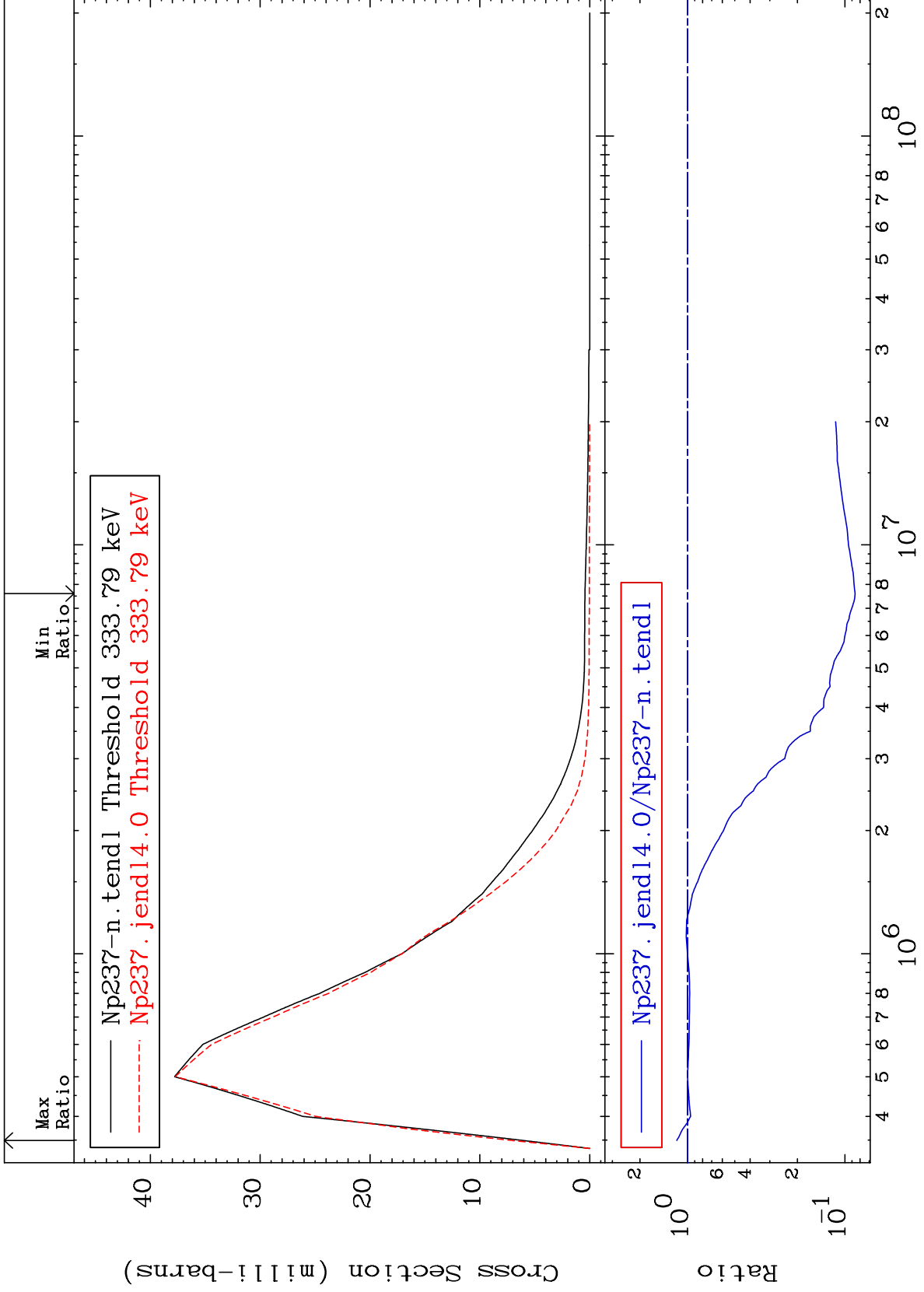
93-Np-237
-93.60 To 222.8 %



MAT 9346

332.4 keV (n,n') Level
Cross Section

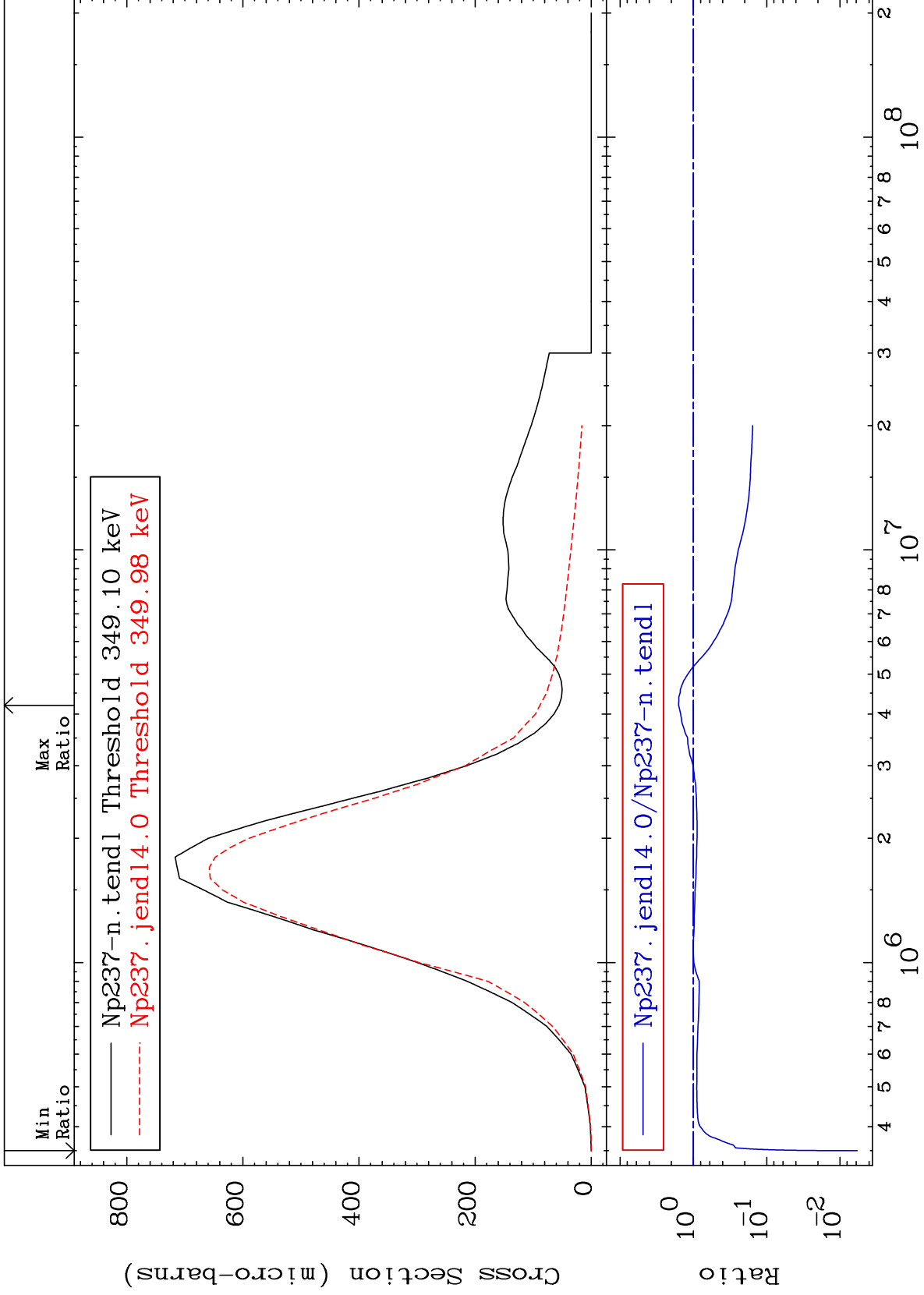
93-Np-237
-91.39 To 16.59 %



MAT 9346

347.6 keV (n,n') Level
Cross Section

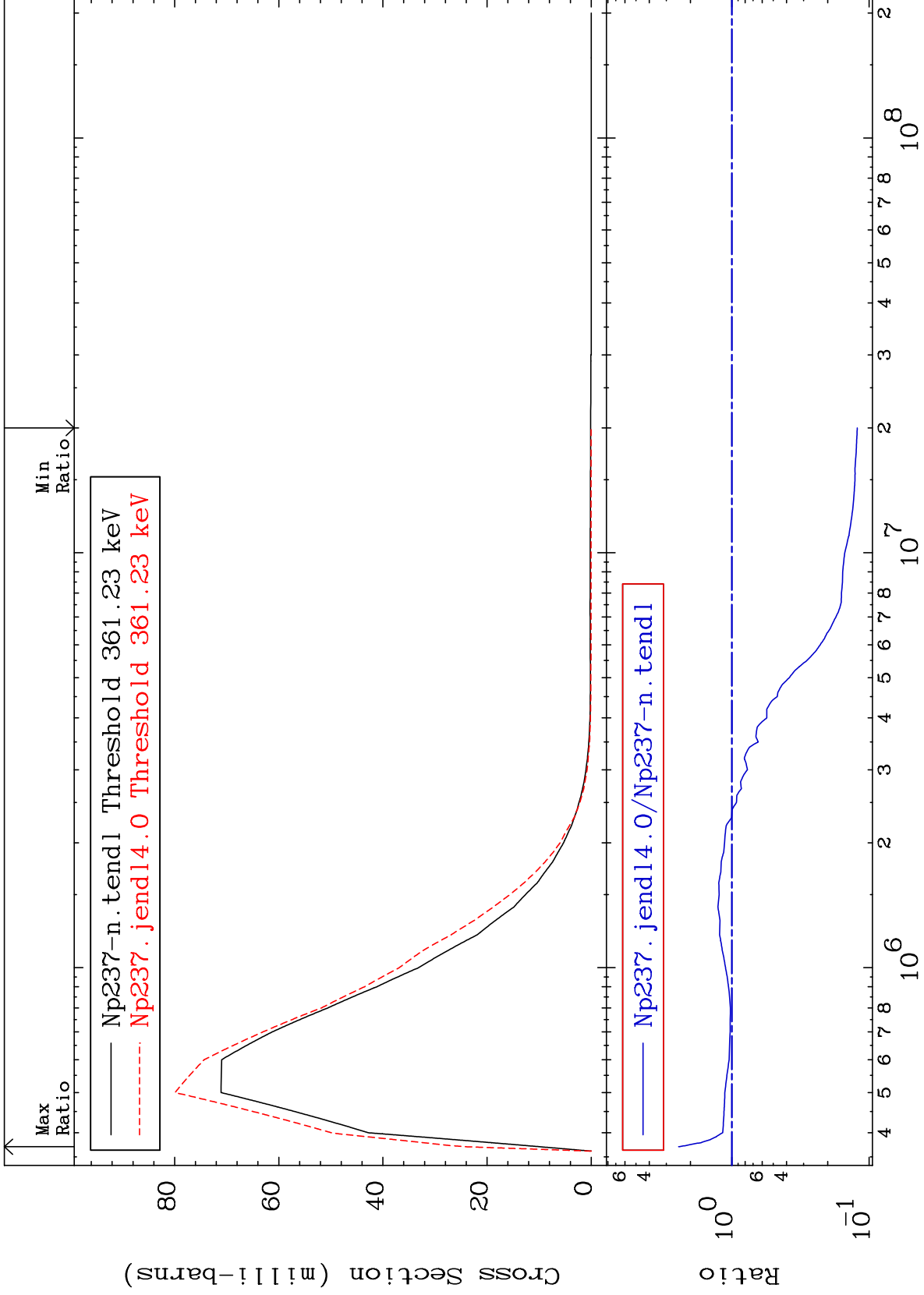
93-Np-237
-99.42 To 59.30 %



MAT 9346

359.7 keV (n,n') Level
Cross Section

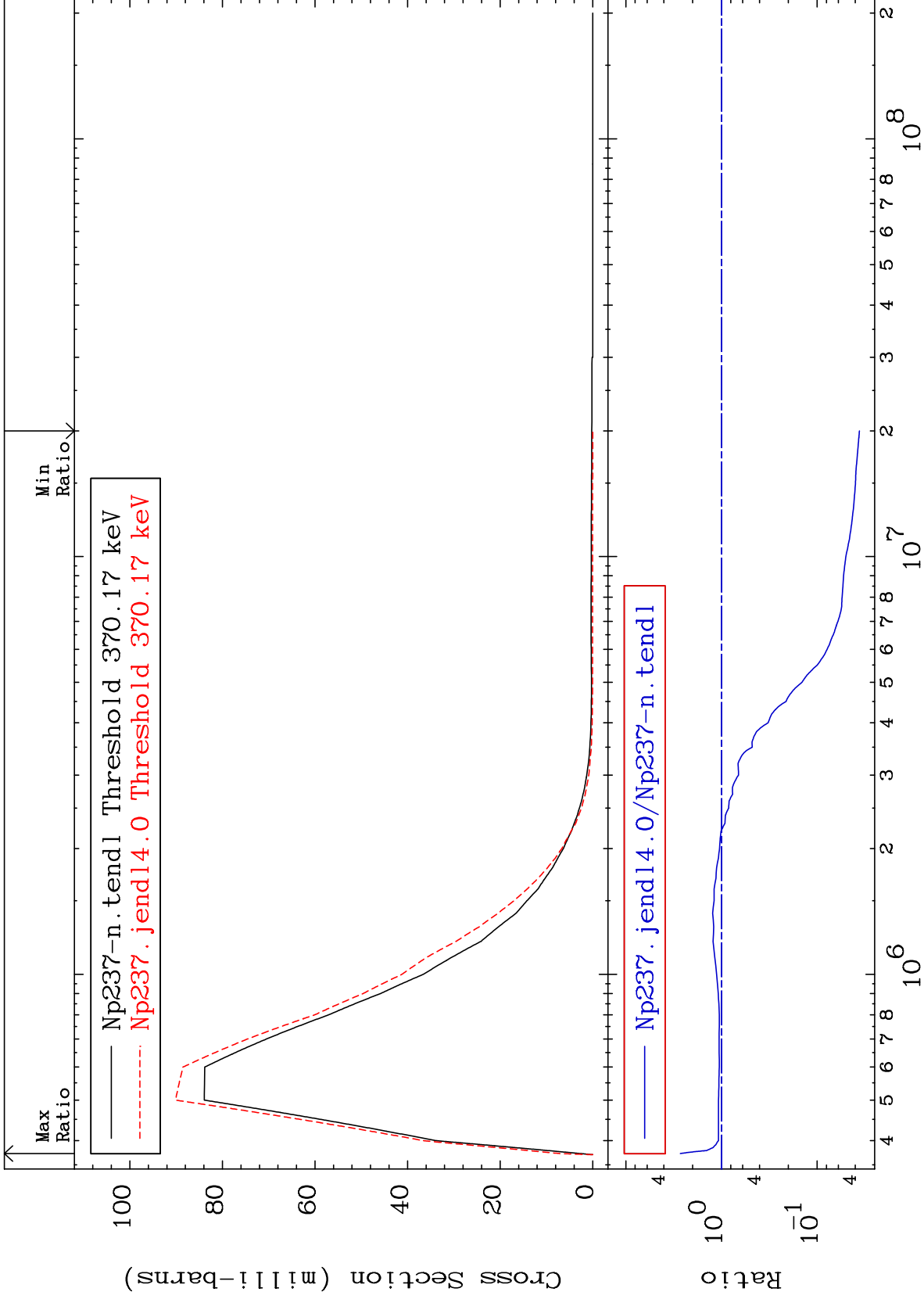
93-Np-237
-87.80 To 144.1 %



MAT 9346

368.6 keV (n,n') Level
Cross Section

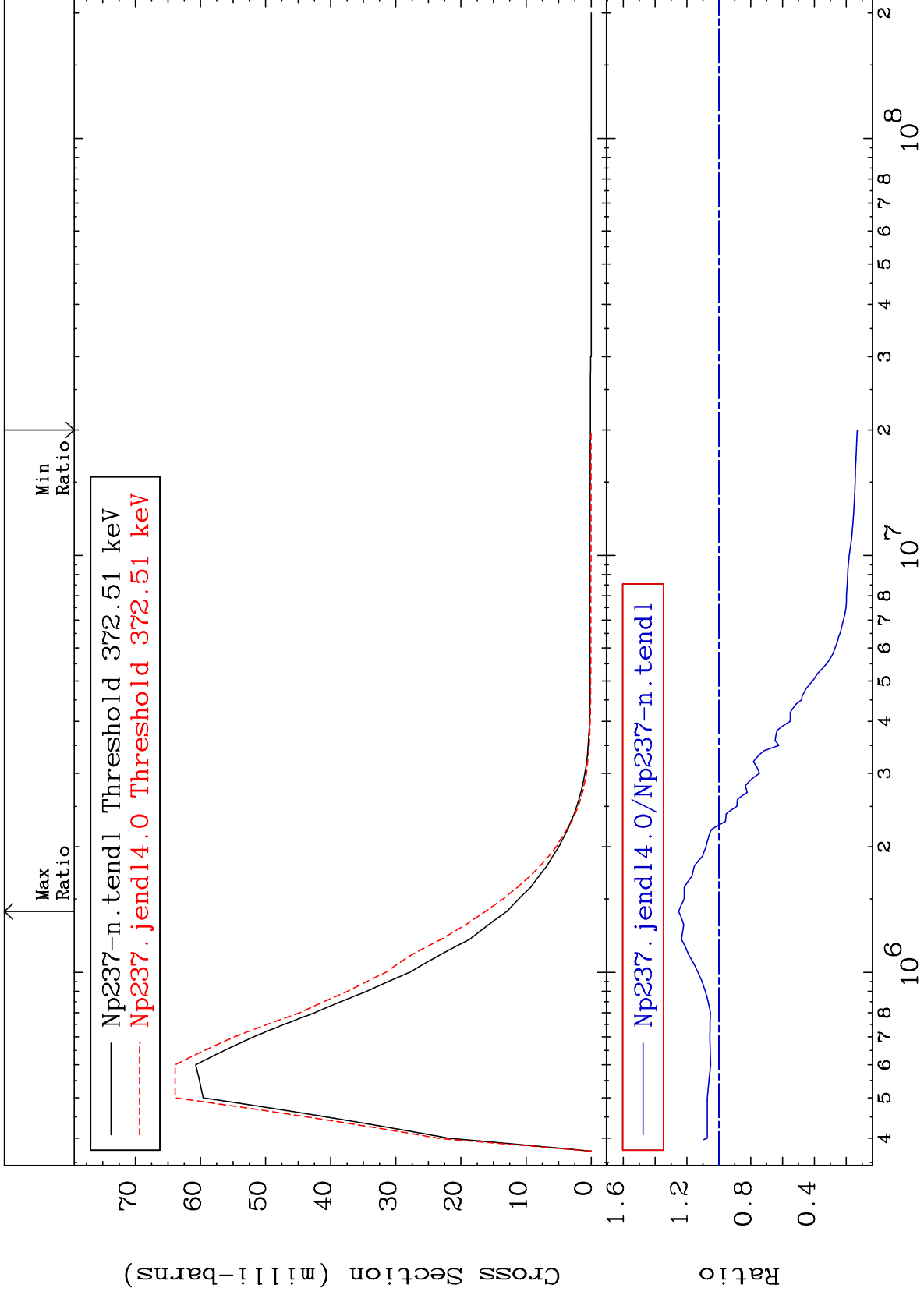
93-Np-237
-96.38 To 169.2 %



MAT 9346

370.9 keV (n,n') Level
Cross Section

93-Np-237
-86.91 To 25.26 %



30

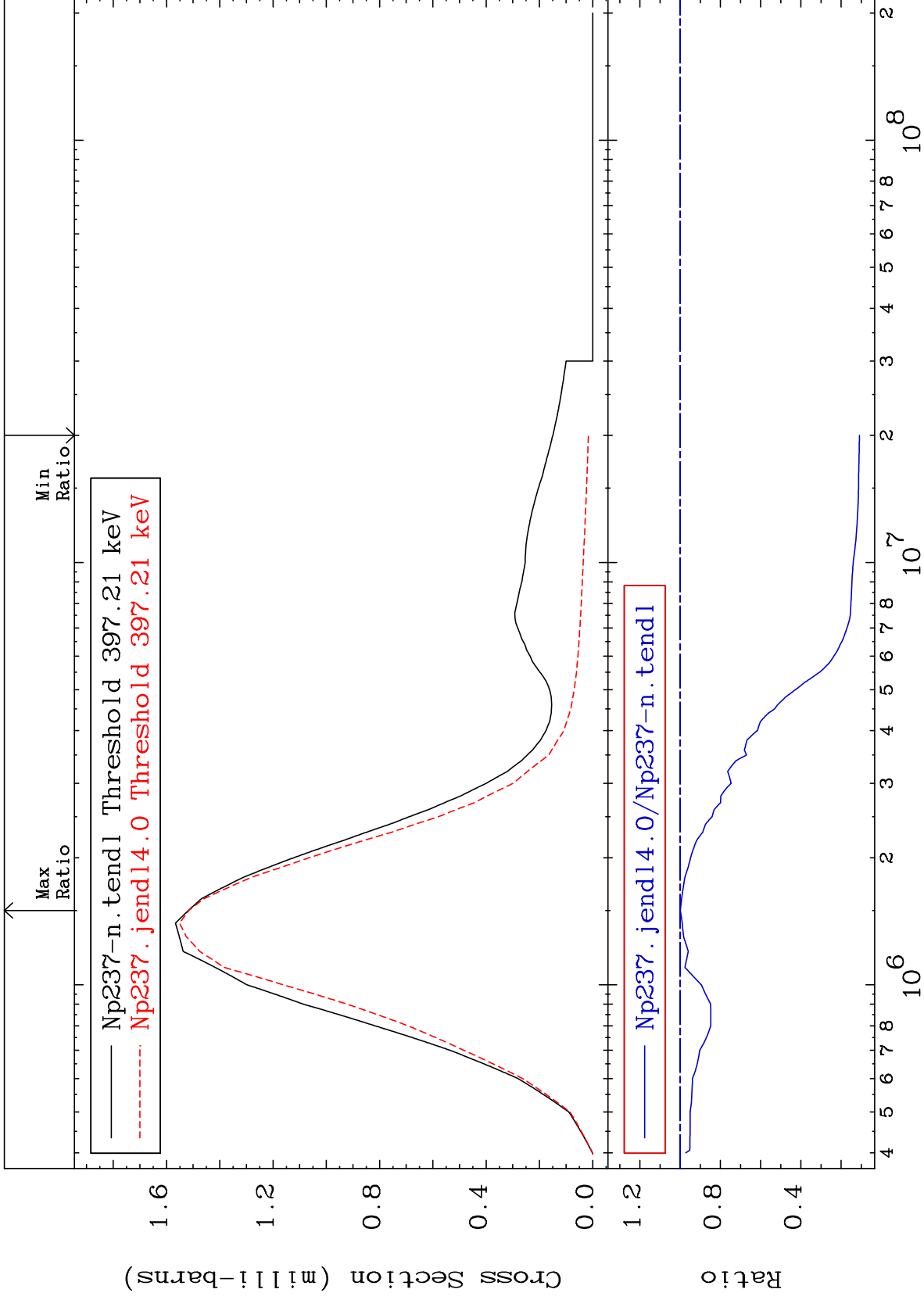
Incident Energy (eV)

93-Np-237

MAT 9346

395.5 keV (n,n') Level
Cross Section

93-Np-237
-89.08 To -0.088%



31

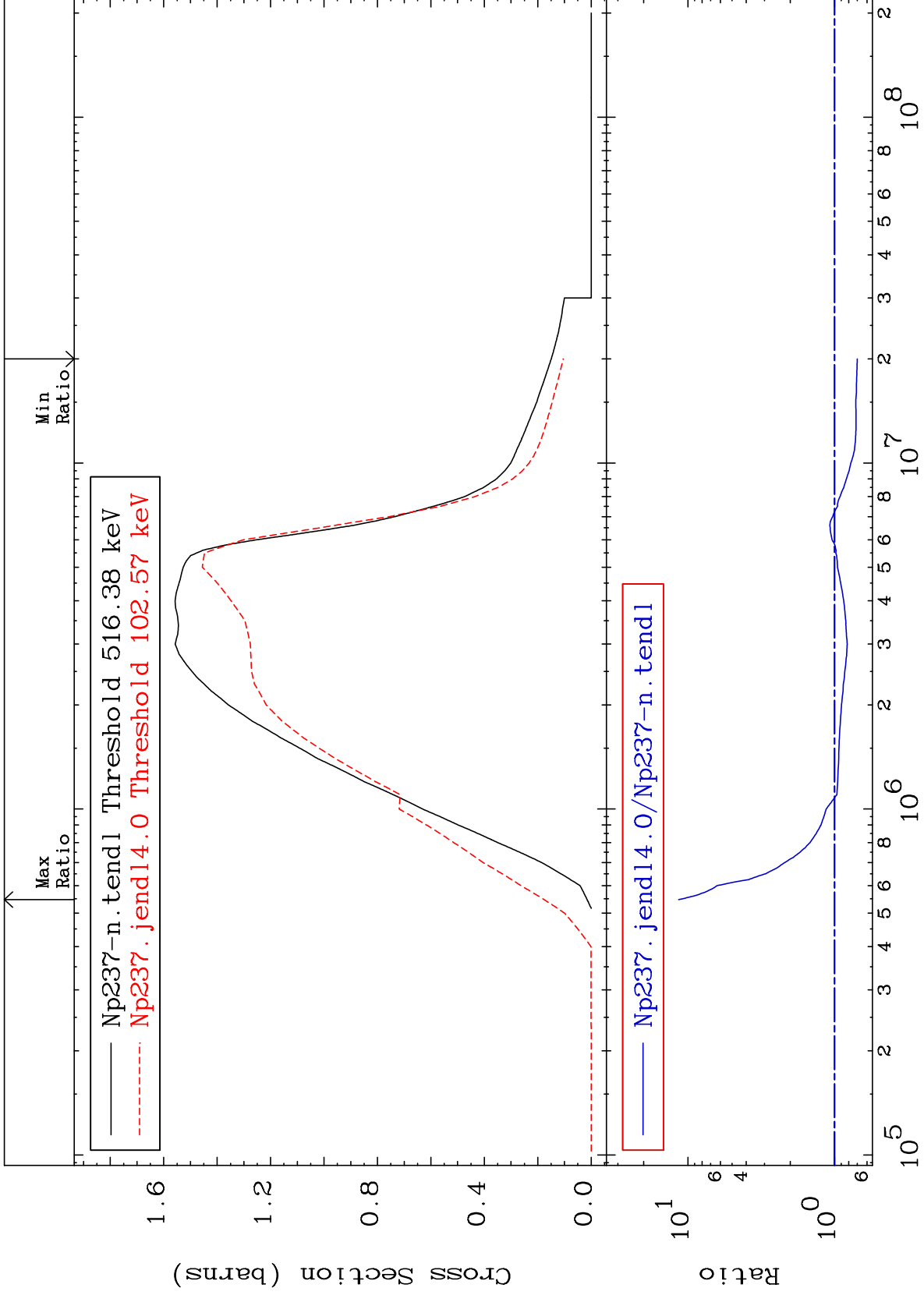
Incident Energy (eV)

93-Np-237

MAT 9346

(n, n') Continuum
Cross Section

93-Np-237
-30.03 To 1056. %



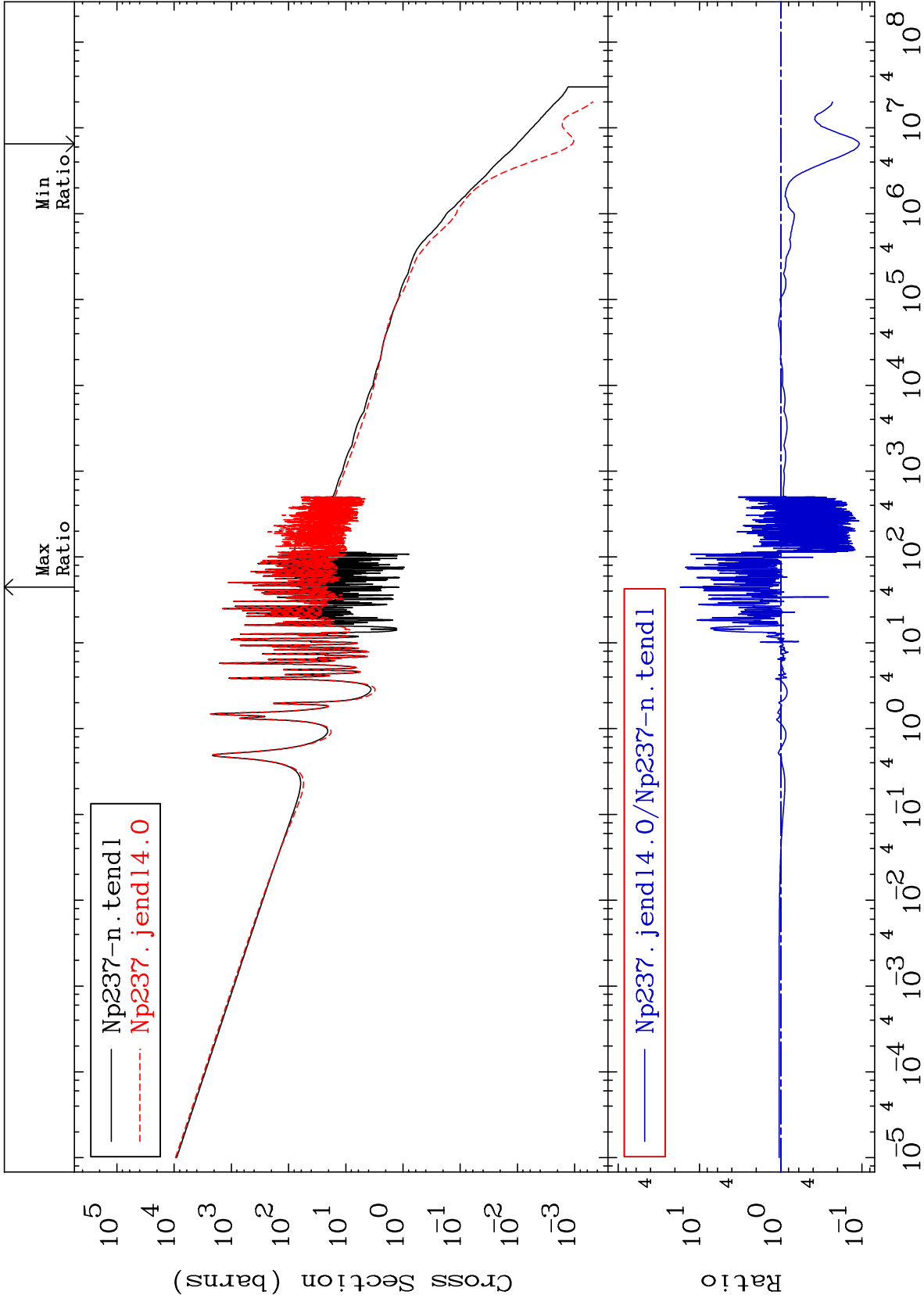
32

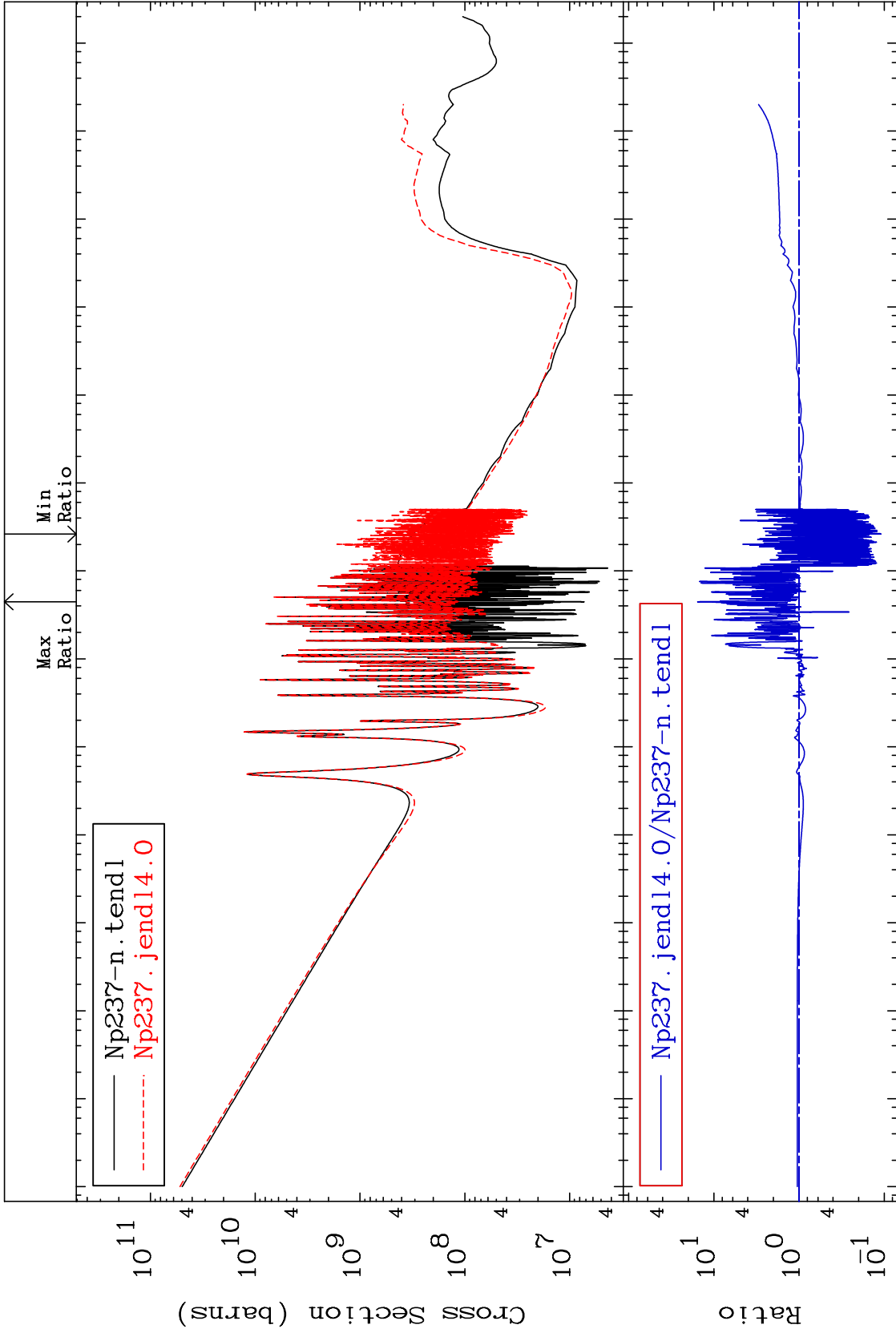
Incident Energy (eV)

93-Np-237

MAT 9346

(n, γ)
Cross Section
93-Np-237
-89.24 To 1616. %

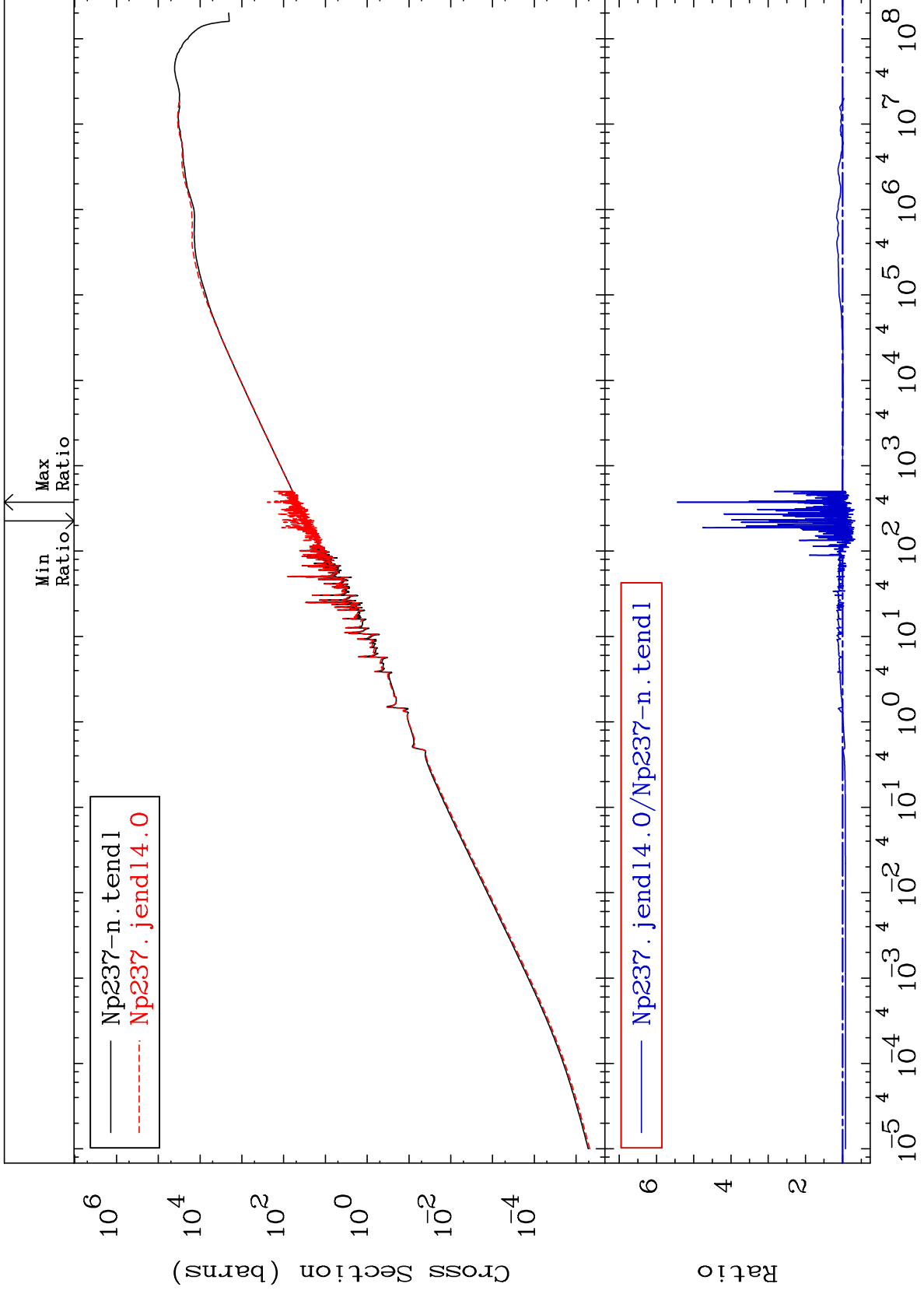


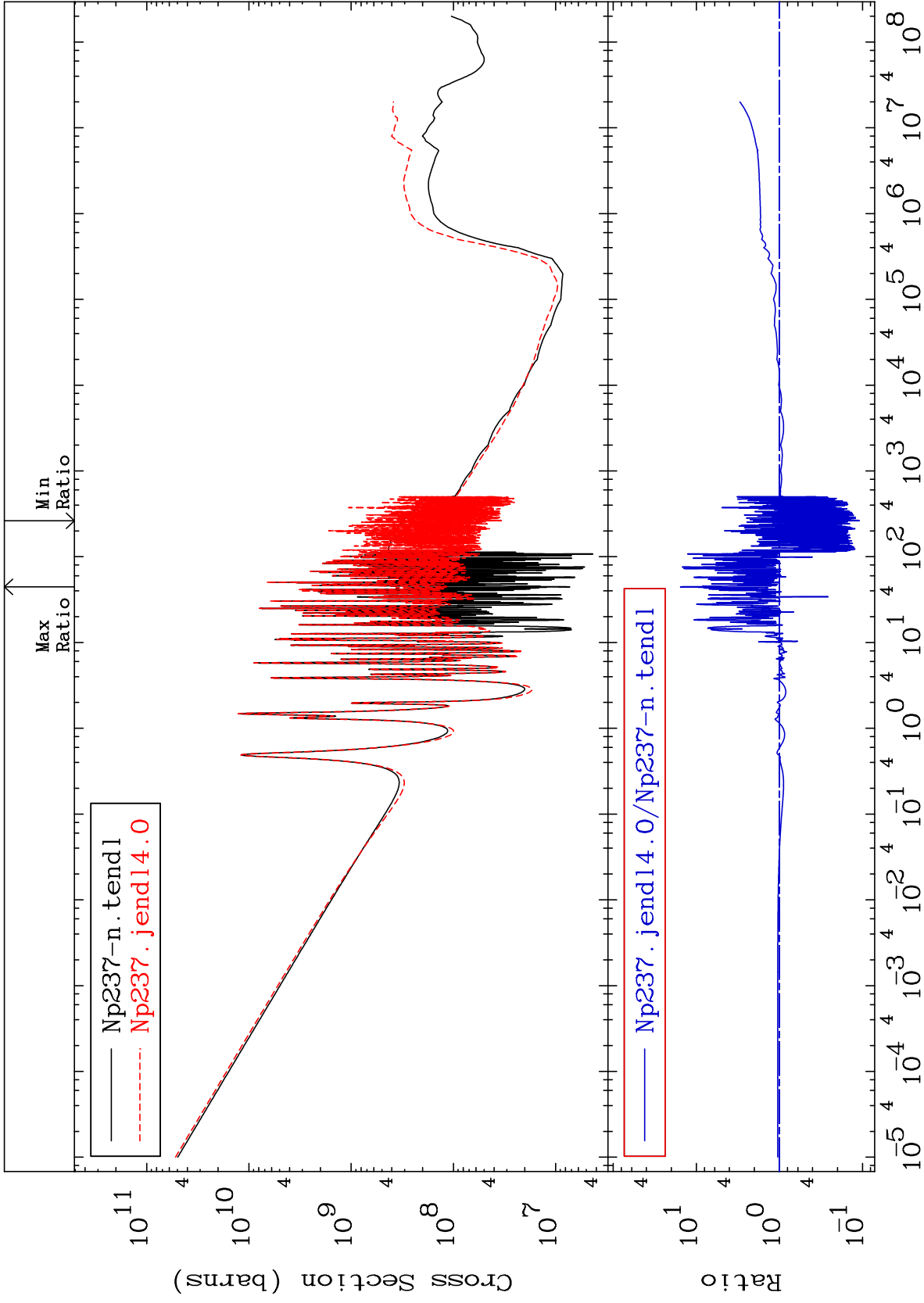


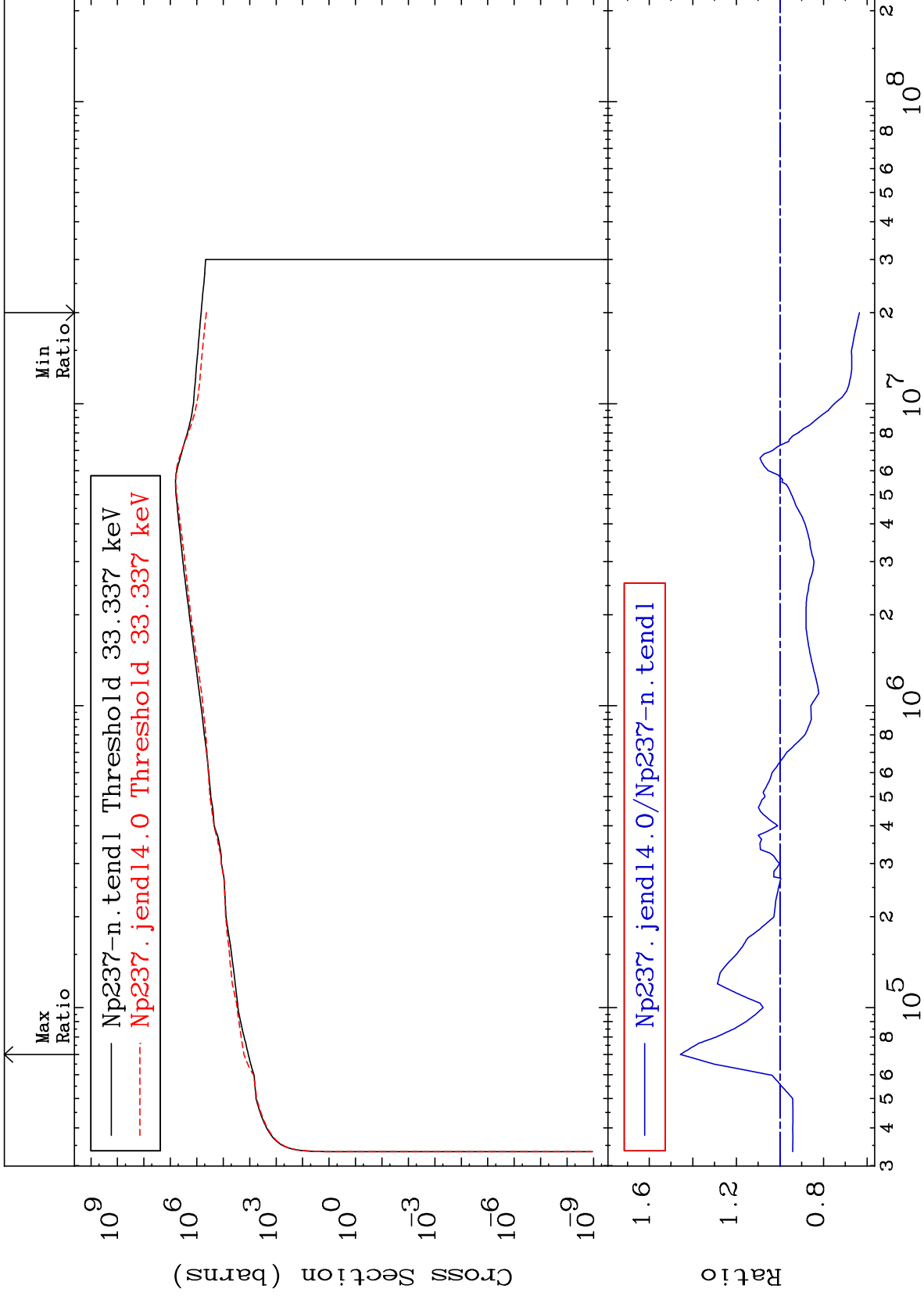
MAT 9346

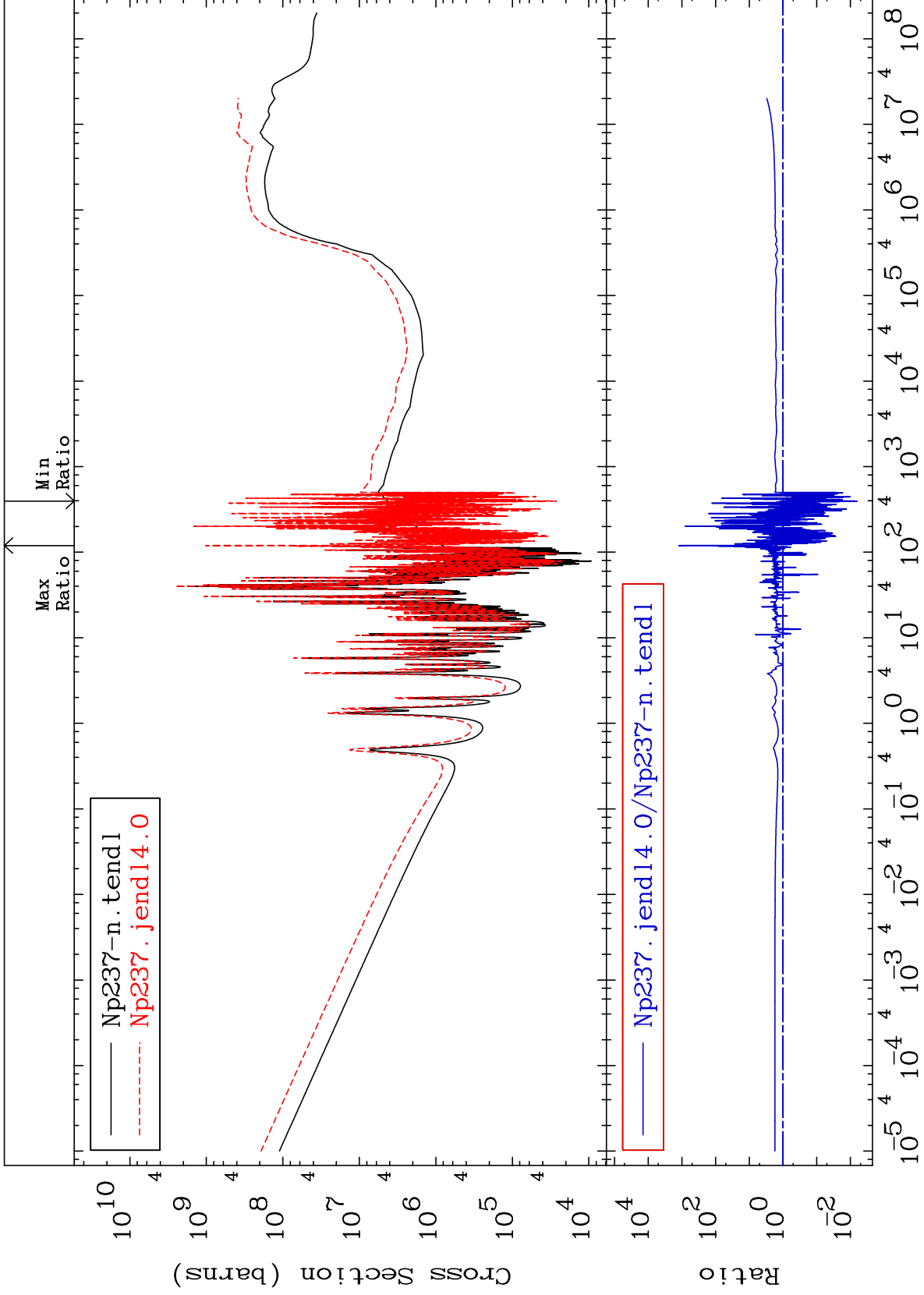
Kerma elastic
Cross Section

93-Np-237
-33.43 To 445.0 %





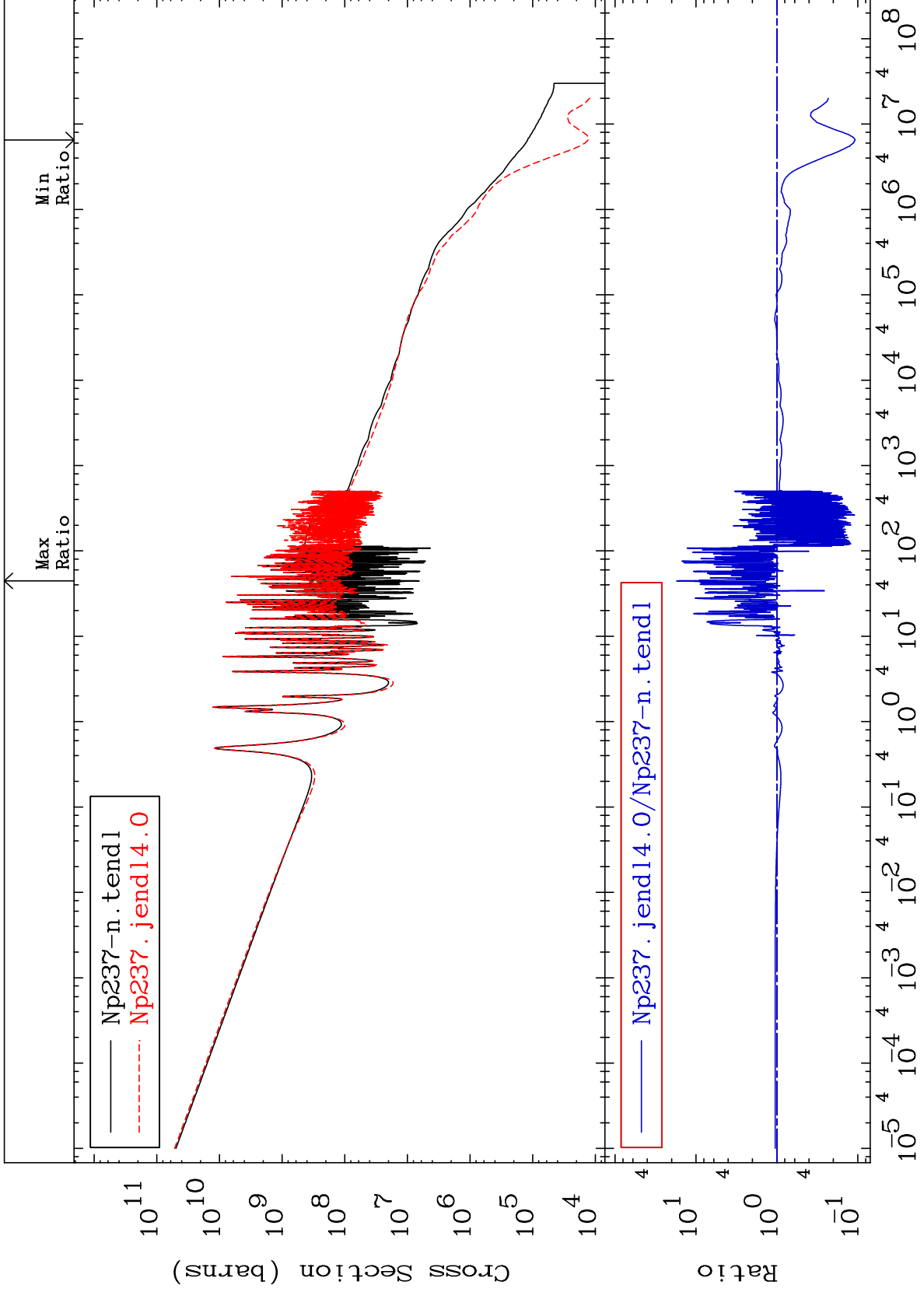




MAT 9346

Kerma capture (mt102)
Cross Section

93-Np-237
-89.21 To 1618. %



39

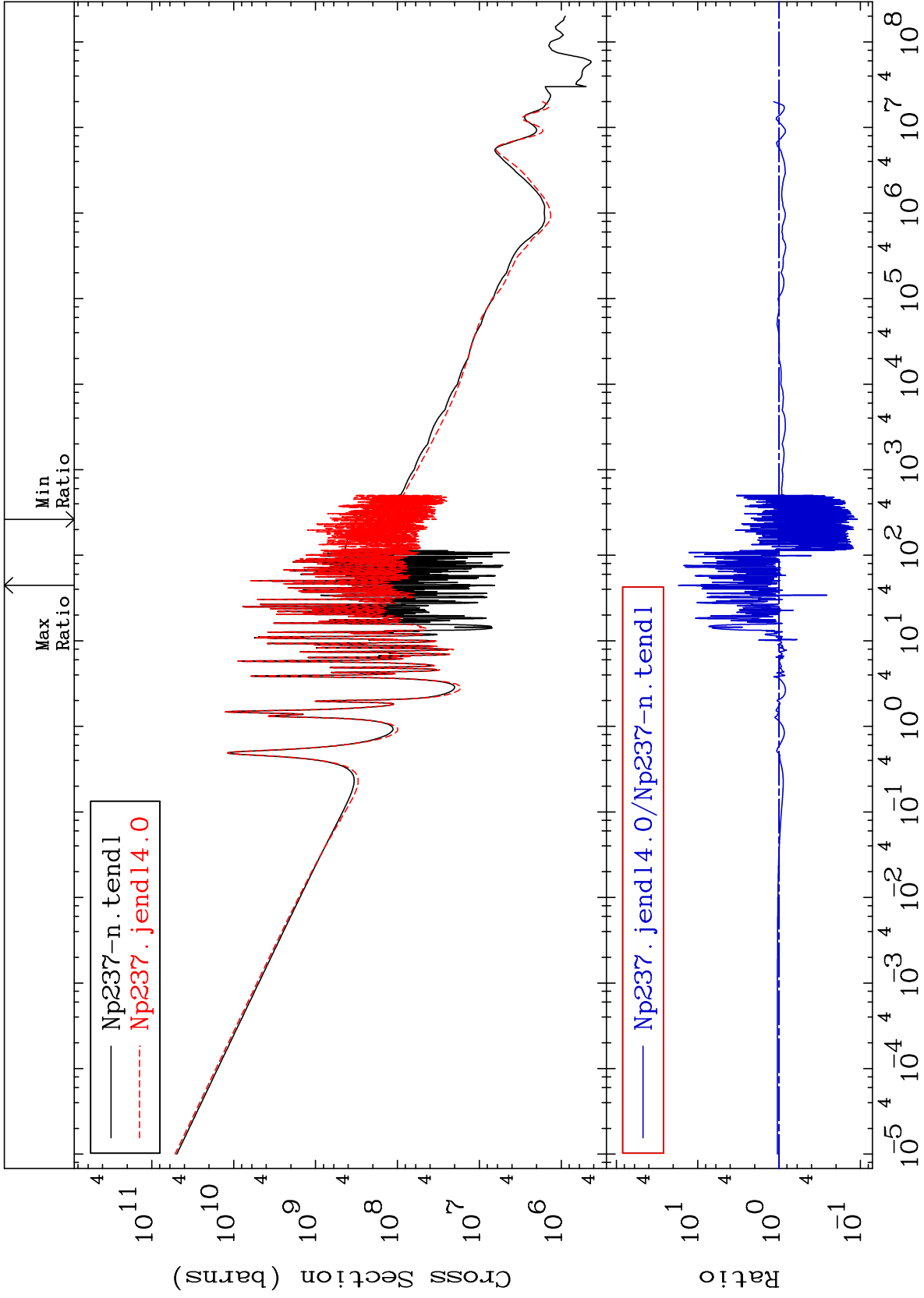
Incident Energy (eV)

93-Np-237

MAT 9346

Total photon (eV-barns)
Cross Section

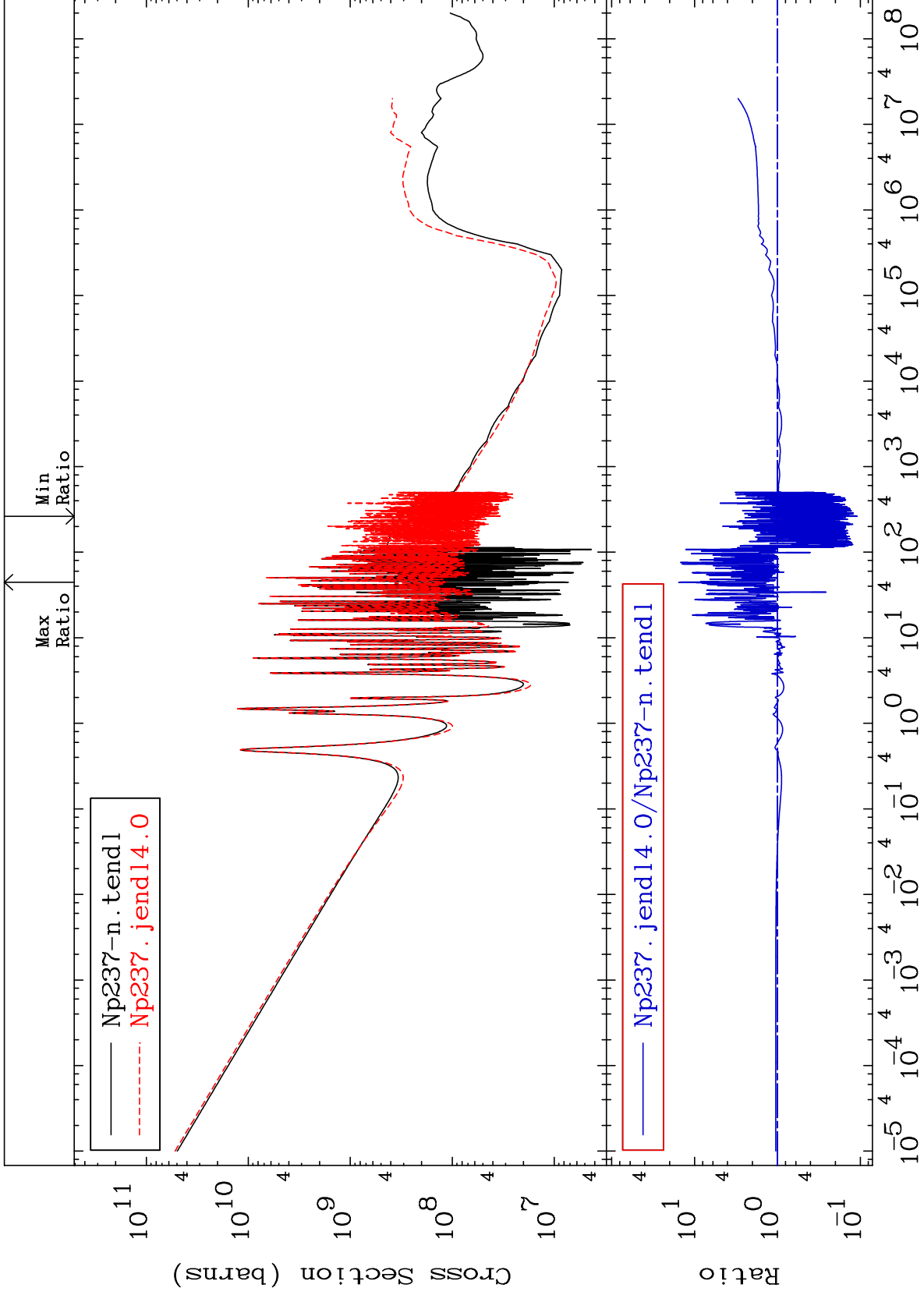
93-Np-237
-89.05 To 1618. %

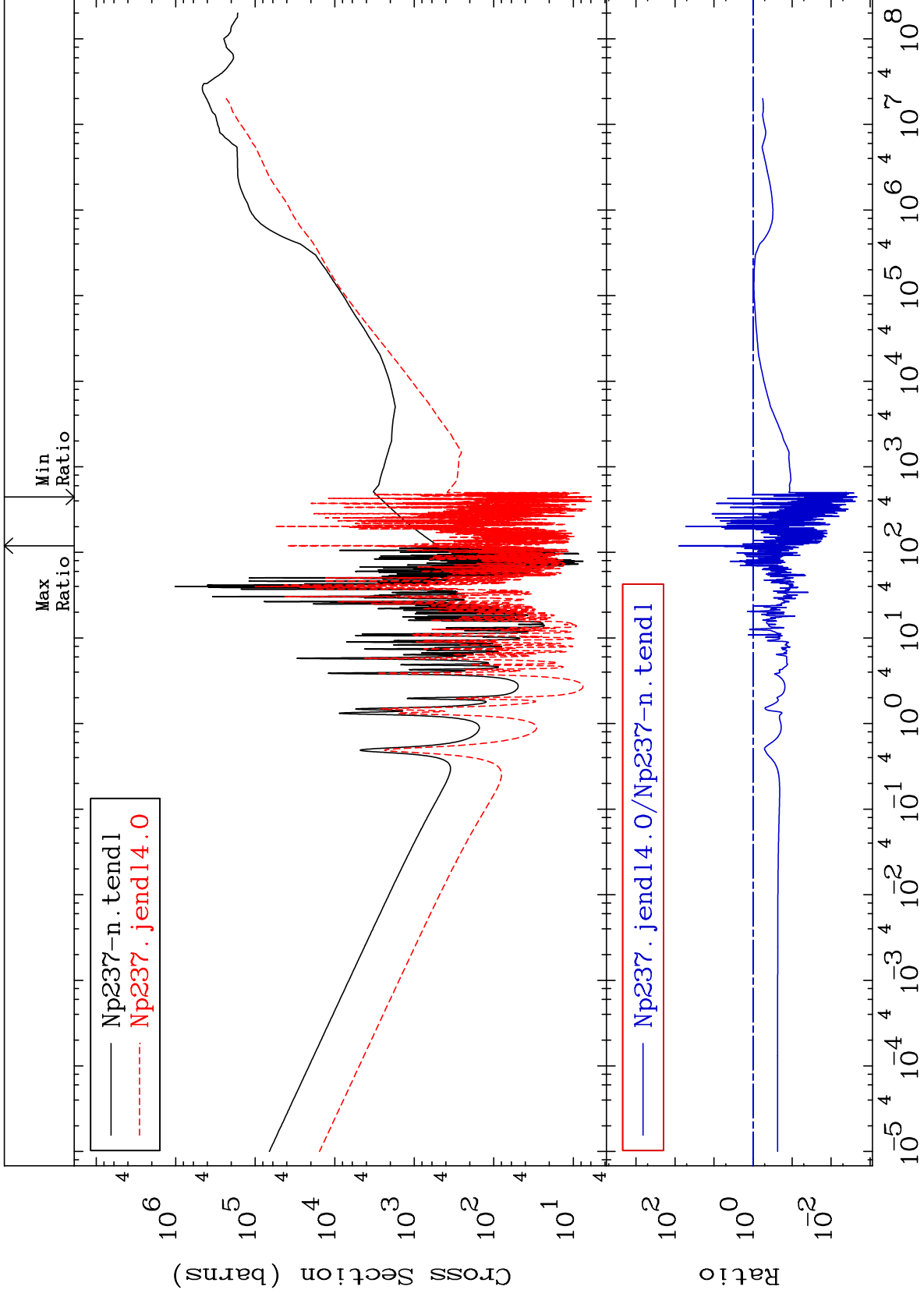


40

Incident Energy (eV)

93-Np-237

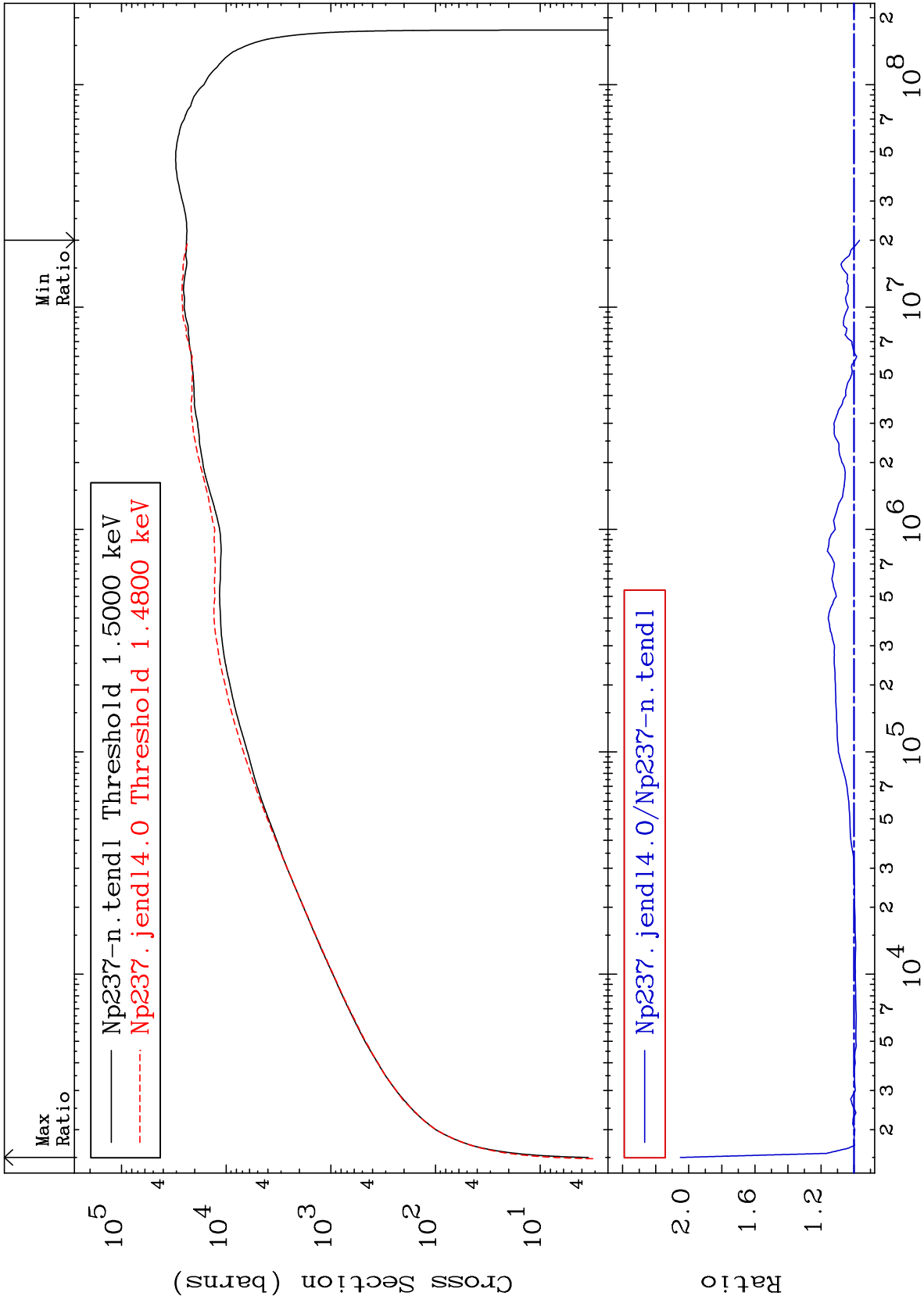


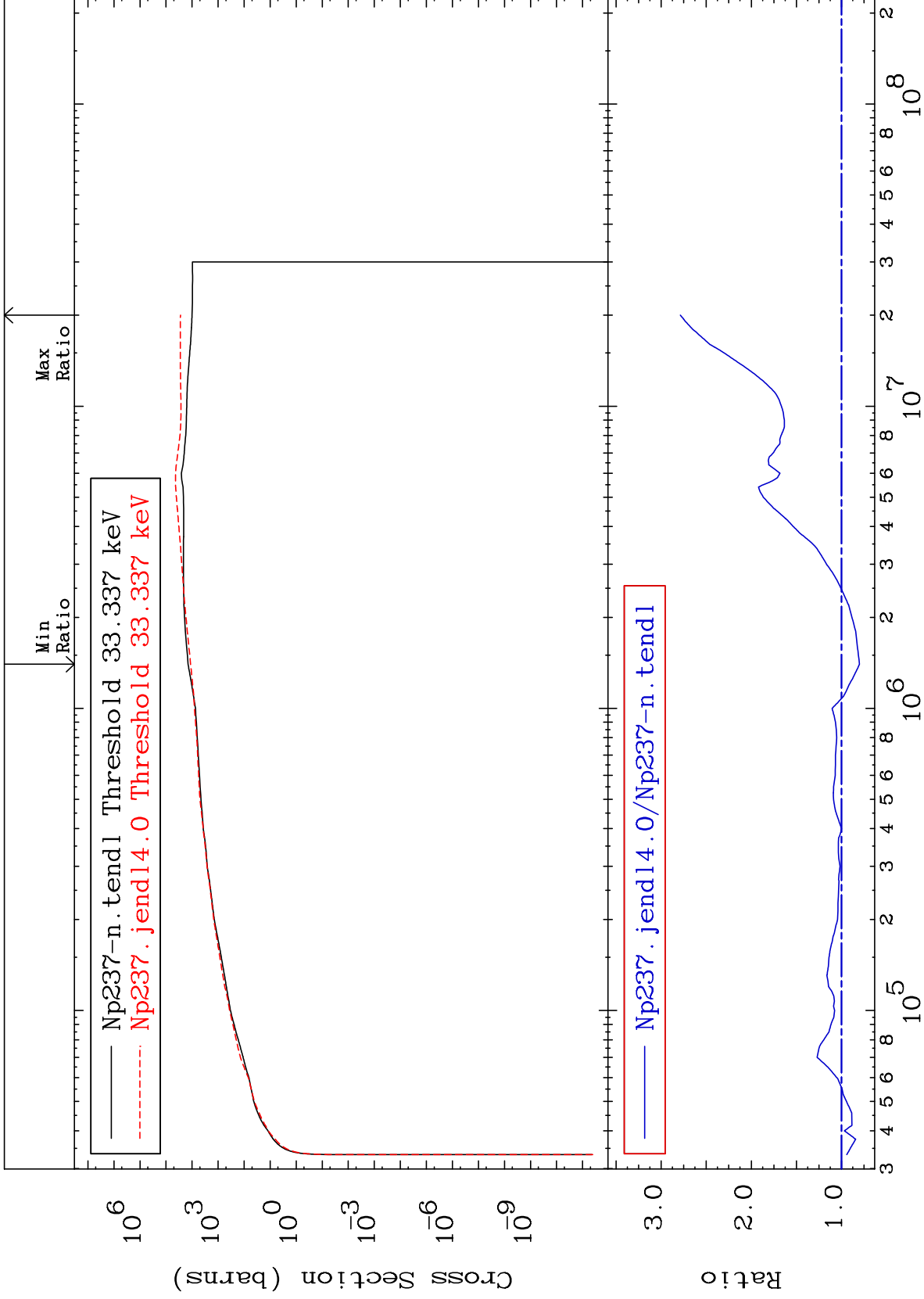


MAT 9346

Dpa elastic (mt2)
Cross Section

93-Np-237
-3.256 To 105.1 %





MAT 9346

Dpa disappearance (mt102 -120)
Cross Section

93-Np-237
-100.0 To 1529. %

