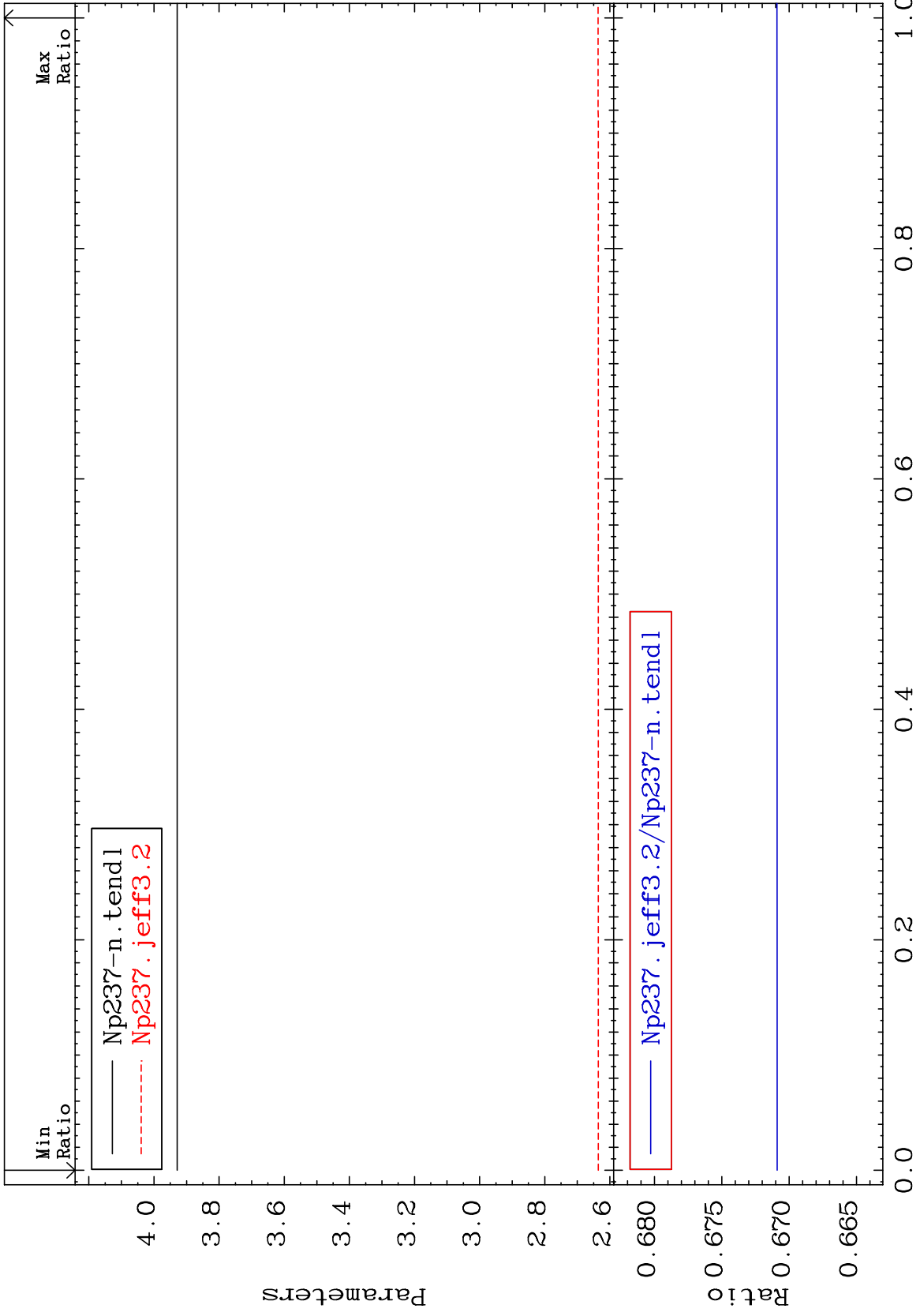


MAT 9346

Total $\bar{\nu}$
Parameters

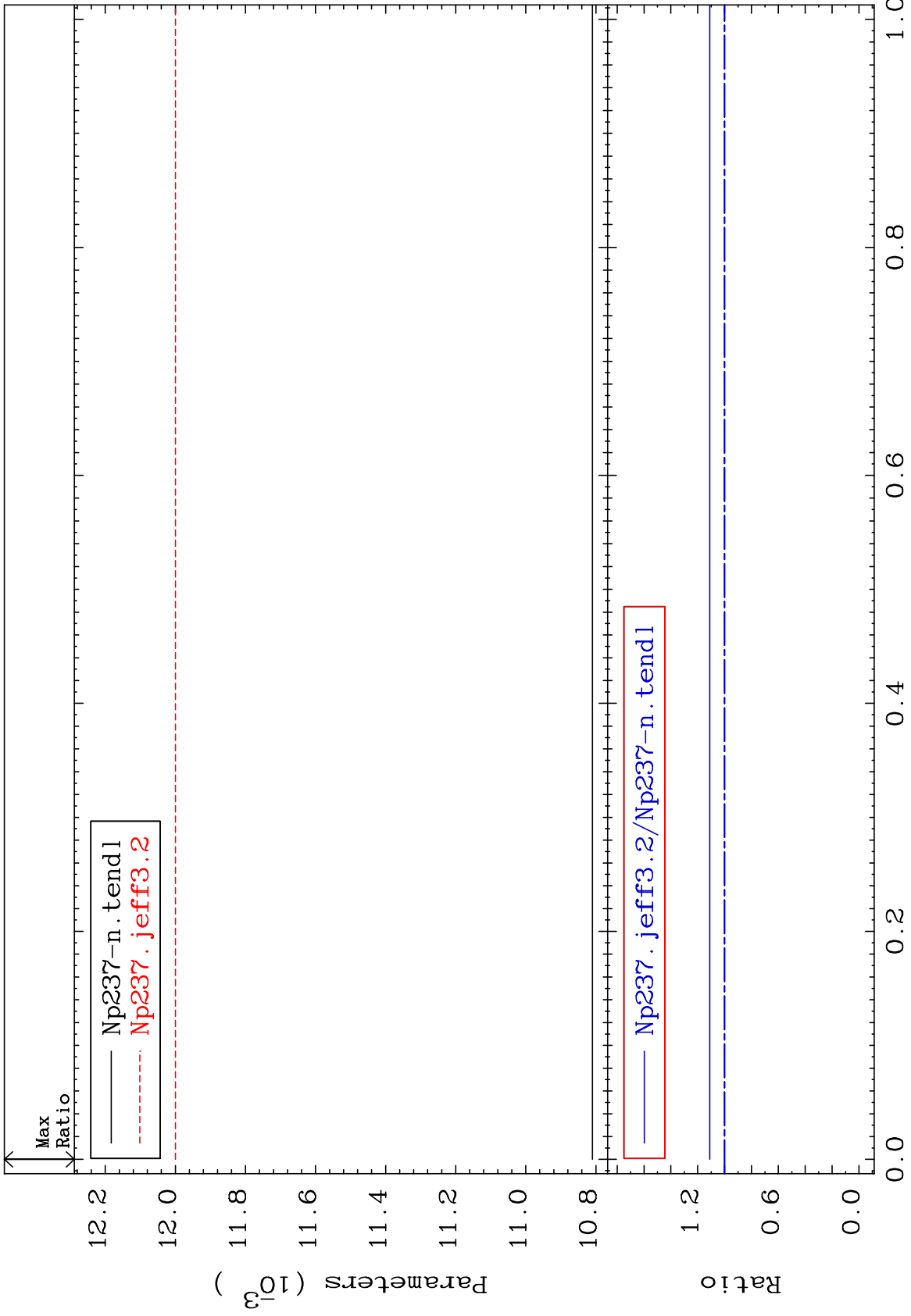
93-Np-237
-32.91 To -32.91%



MAT 9346

Delayed $\bar{\nu}$
Parameters

93-Np-237
11.01 To 11.01 %



2

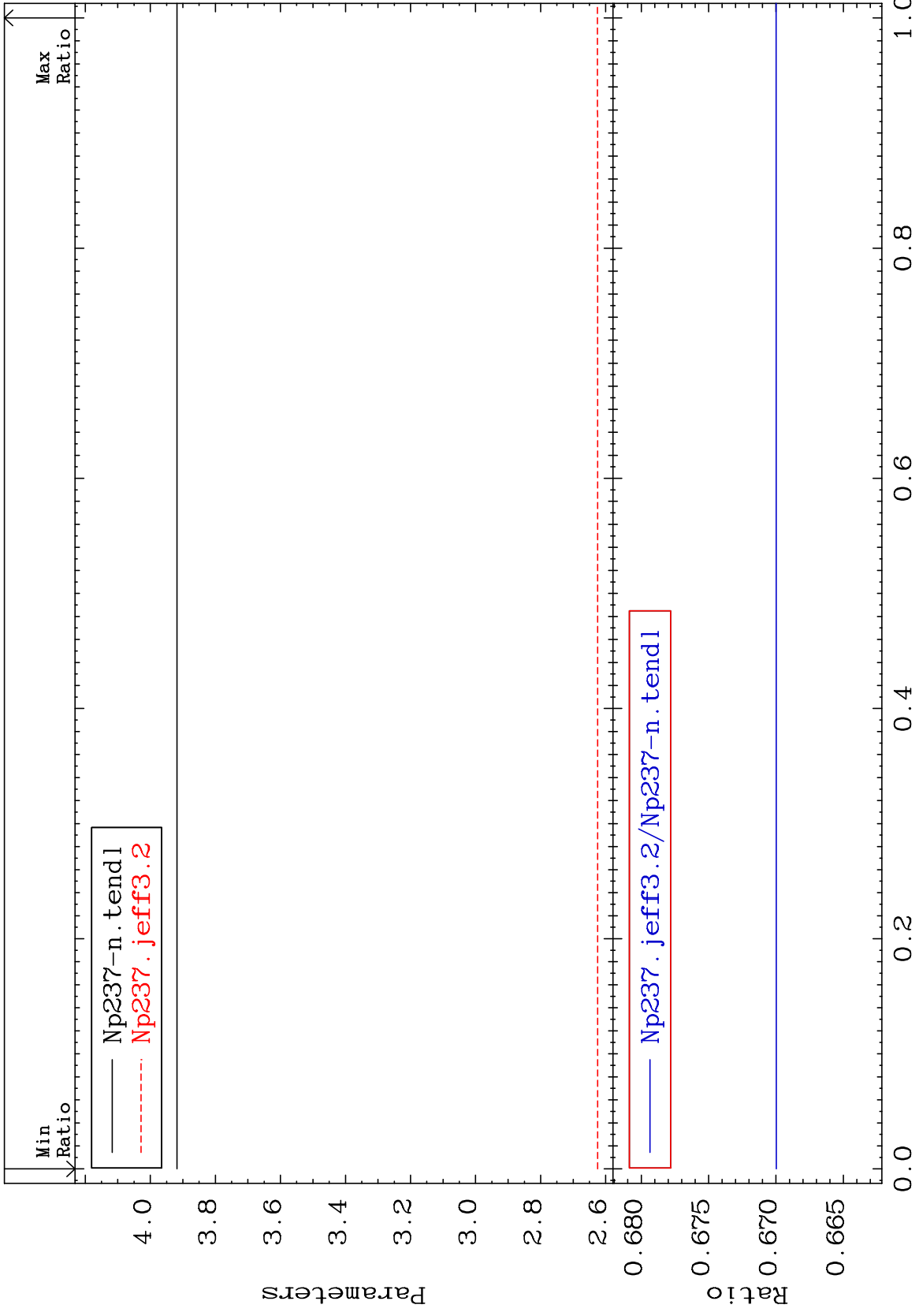
Incident Energy (KeV)

93-Np-237

MAT 9346

Prompt $\bar{\nu}$
Parameters

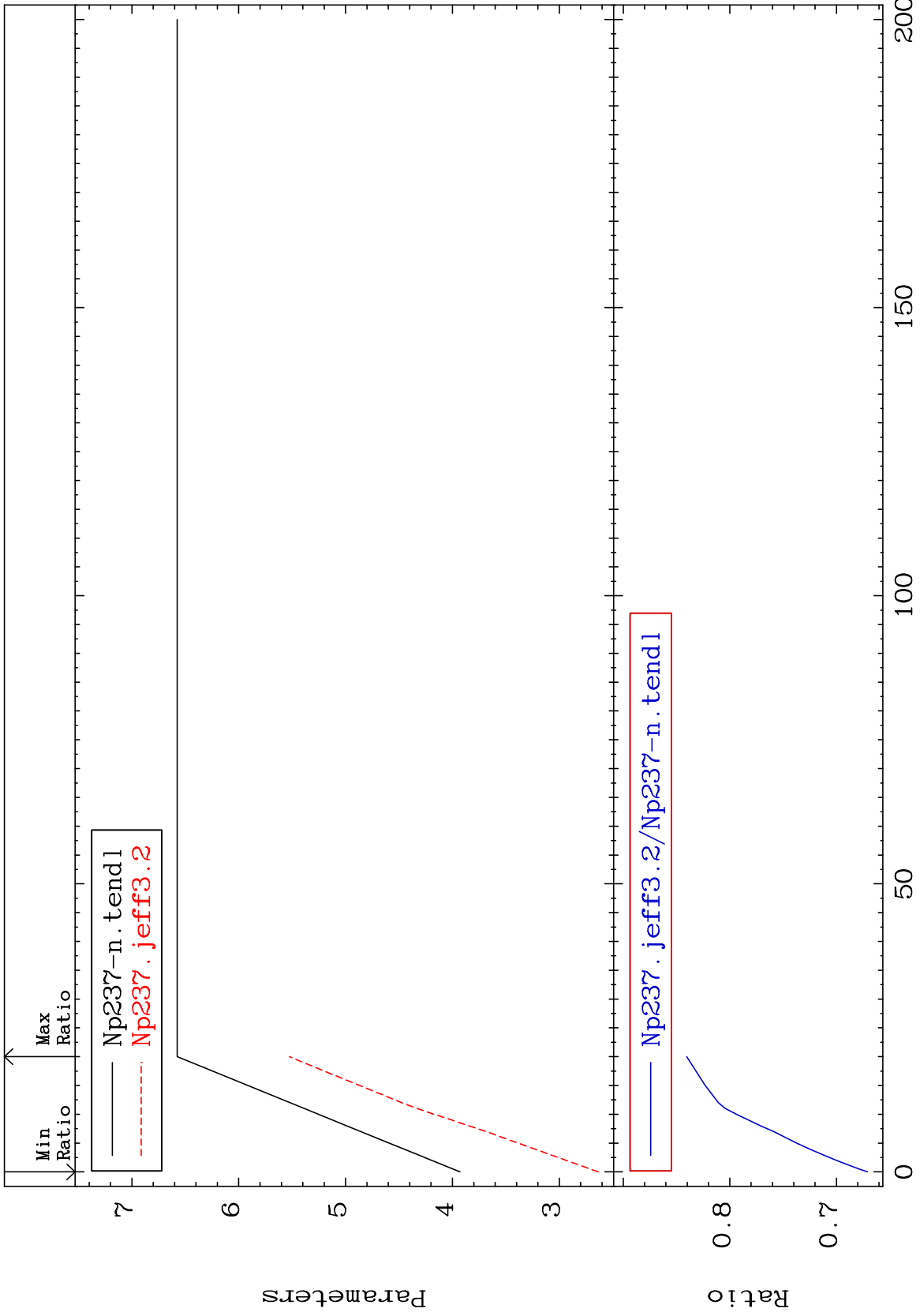
93-Np-237
-33.00 To -33.00%



MAT 9346

Total $\bar{\nu}$
Parameters

93-Np-237
-32.91 To -15.95%



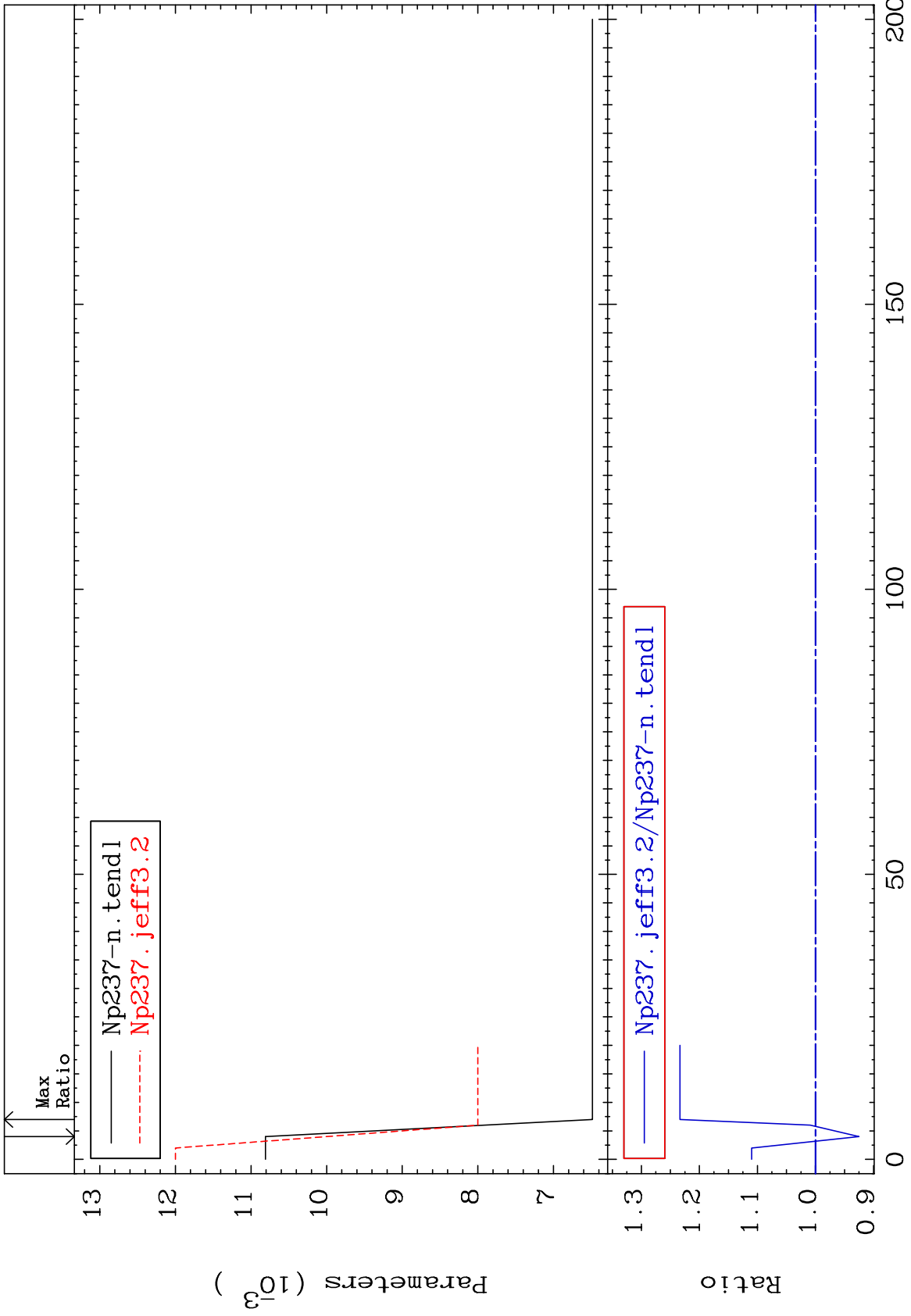
Incident Energy (MeV)

93-Np-237

MAT 9346

Delayed $\bar{\nu}$
Parameters

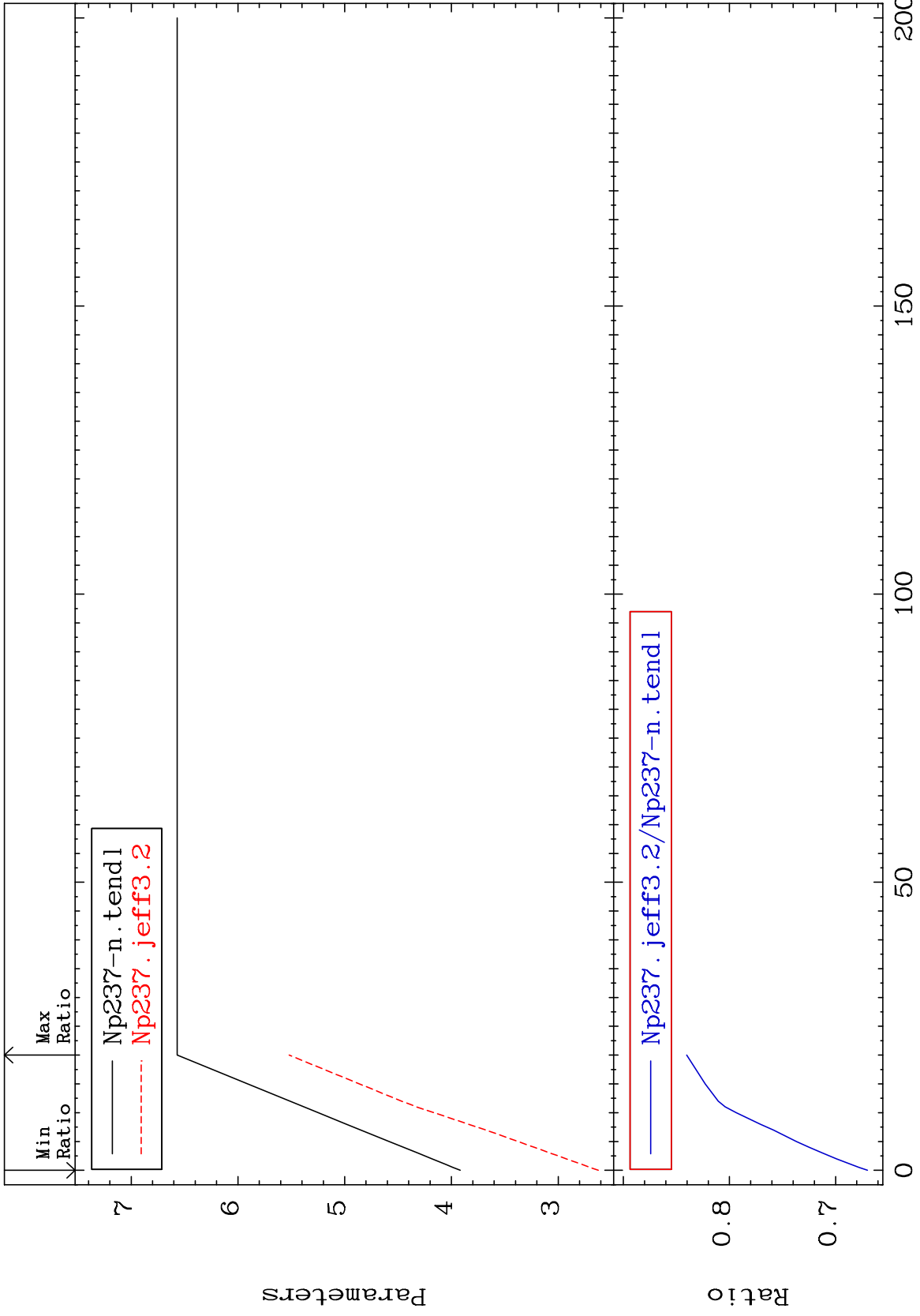
93-Np-237
-7.493 To 23.34 %



MAT 9346

Prompt $\bar{\nu}$
Parameters

93-Np-237
-33.00 To -15.97%



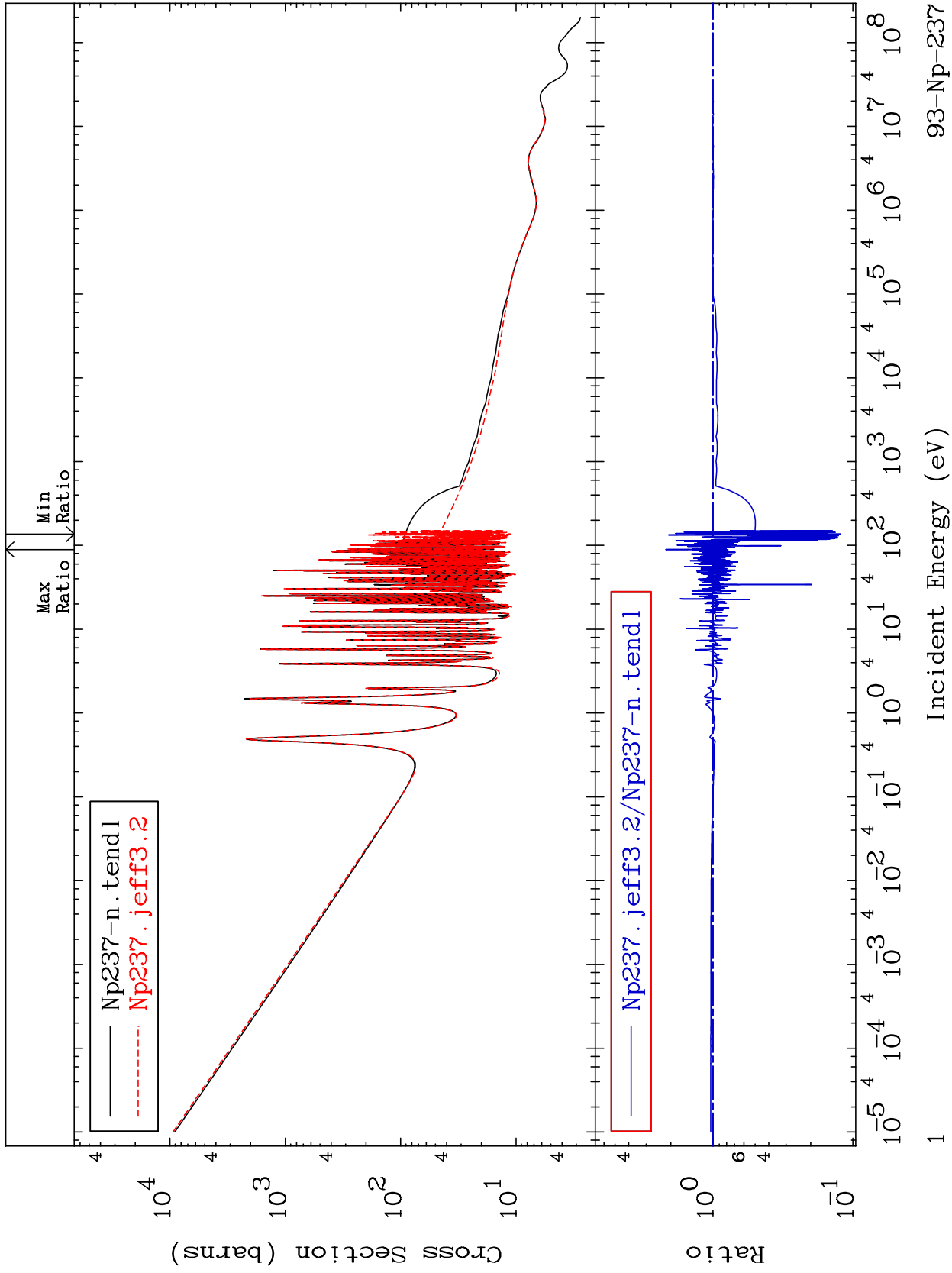
3

Incident Energy (MeV)

93-Np-237

MAT 9346

Total Cross Section
93-Np-237
-87.80 To 116.6 %



93-Np-237

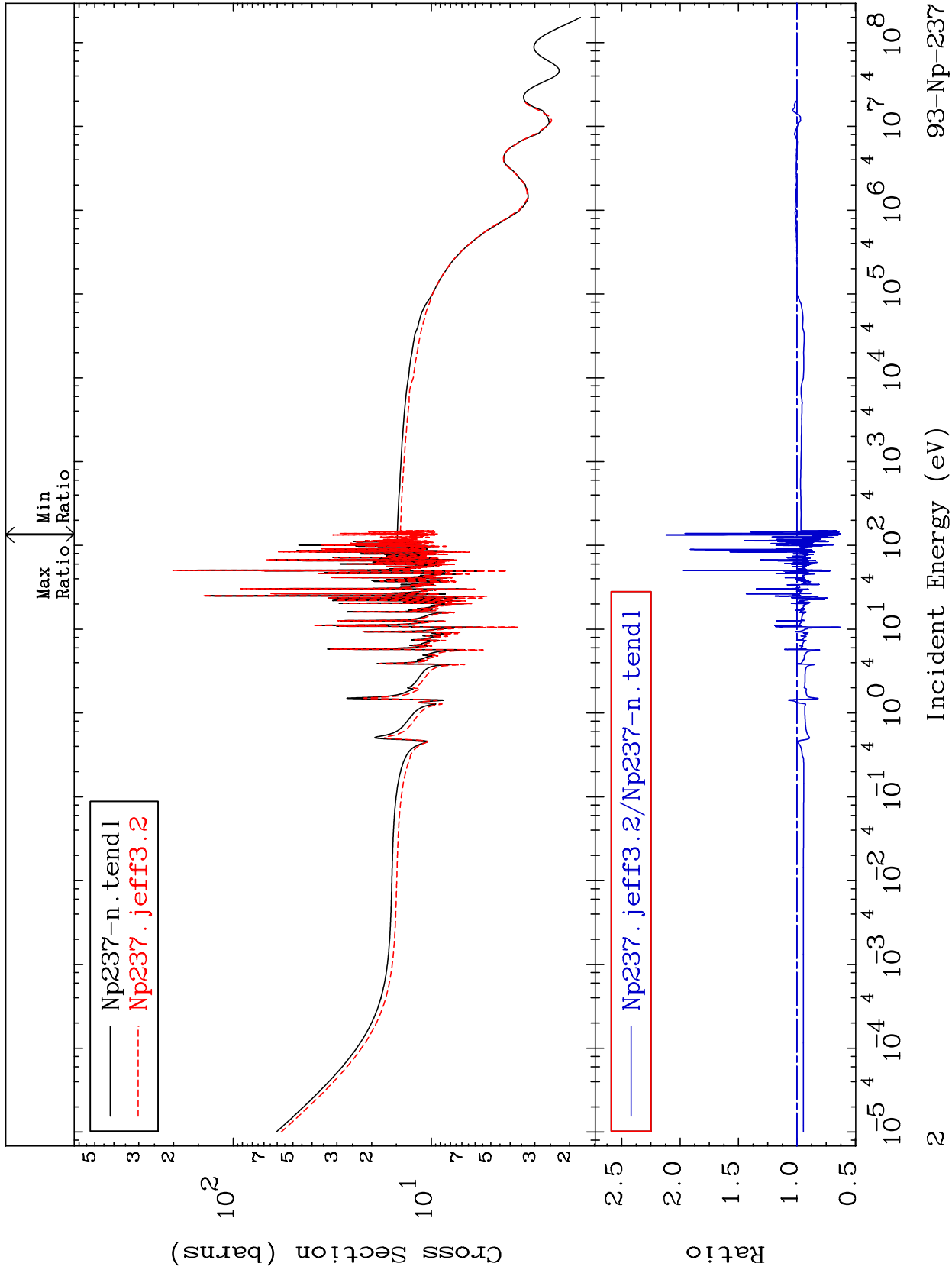
MAT 9346

Elastic

93-Np-237

Cross Section

-37.58 To 112.1 %



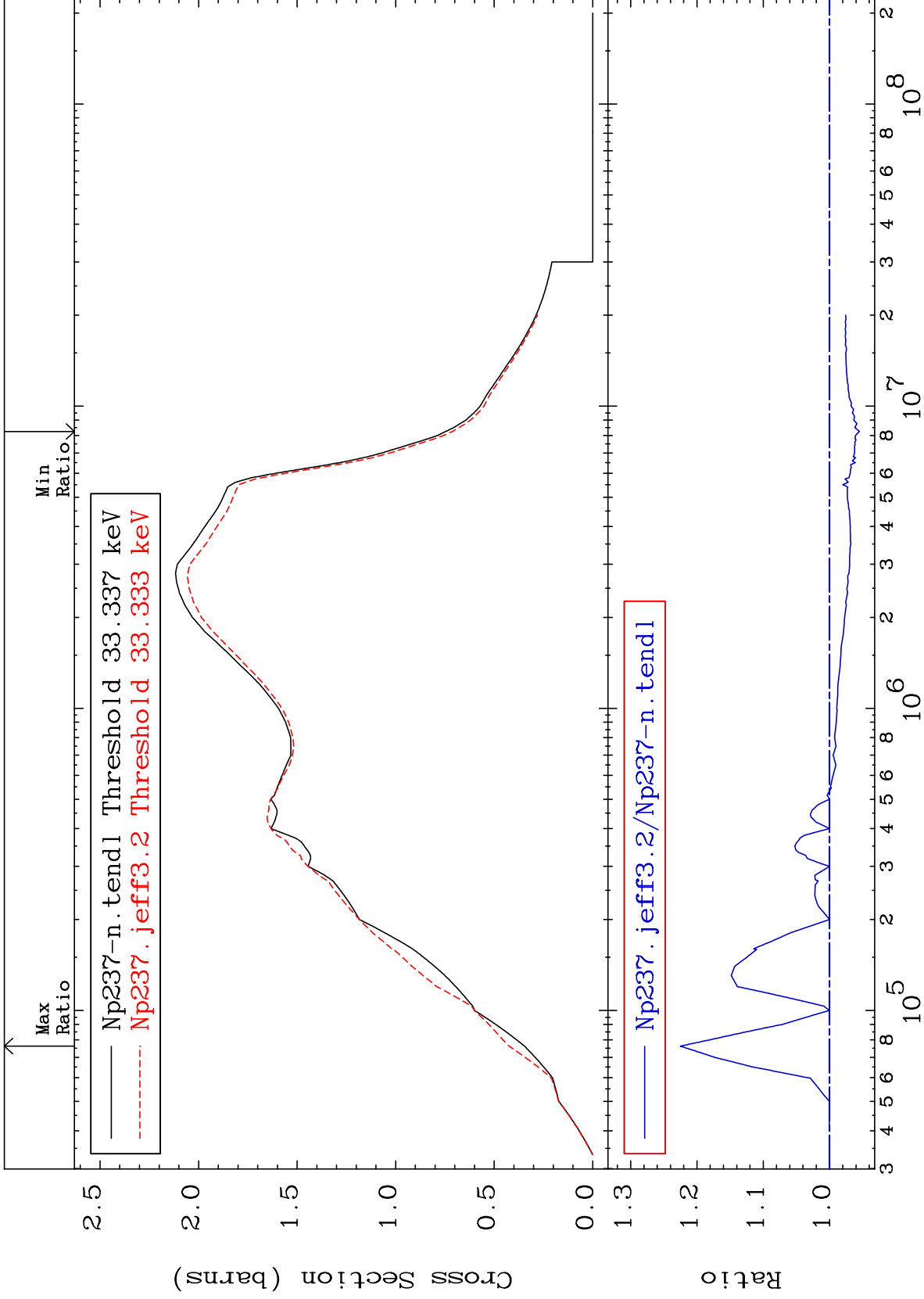
Incident Energy (eV)

93-Np-237

MAT 9346

Inelastic
Cross Section

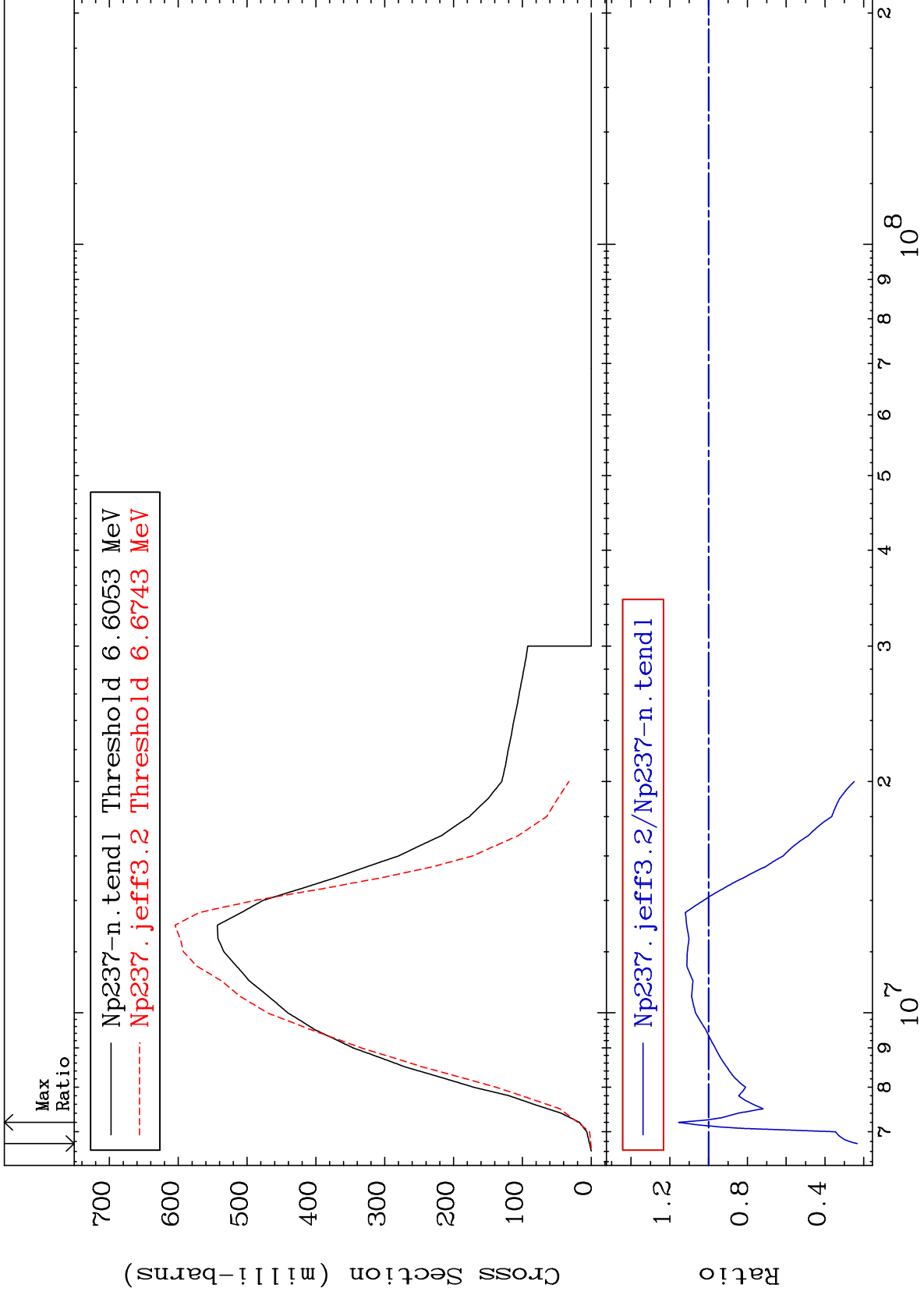
93-Np-237
-4.515 To 22.51 %



MAT 9346

(n,2n)
Cross Section

93-Np-237
-76.64 To 15.46 %



4

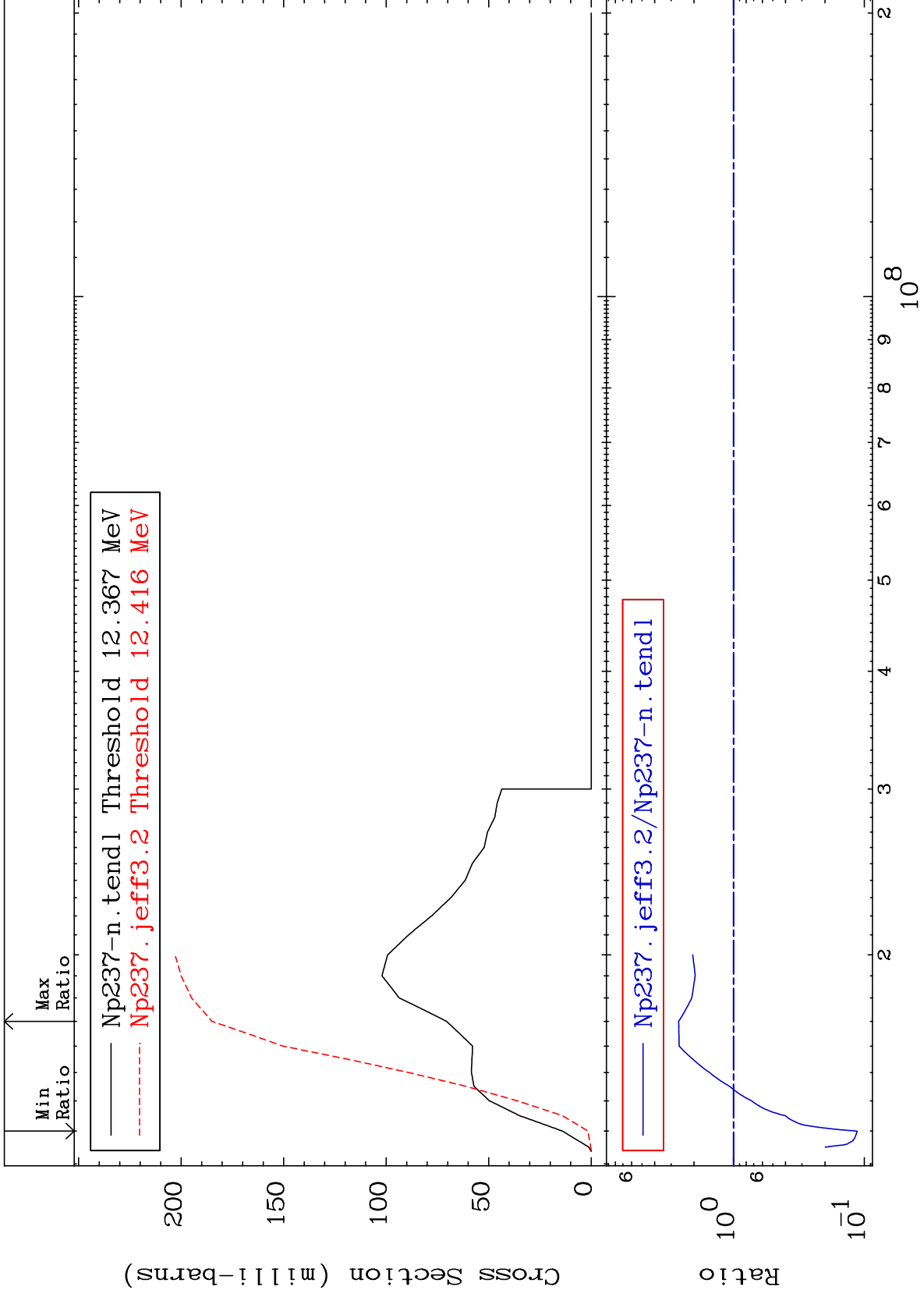
Incident Energy (eV)

93-Np-237

MAT 9346

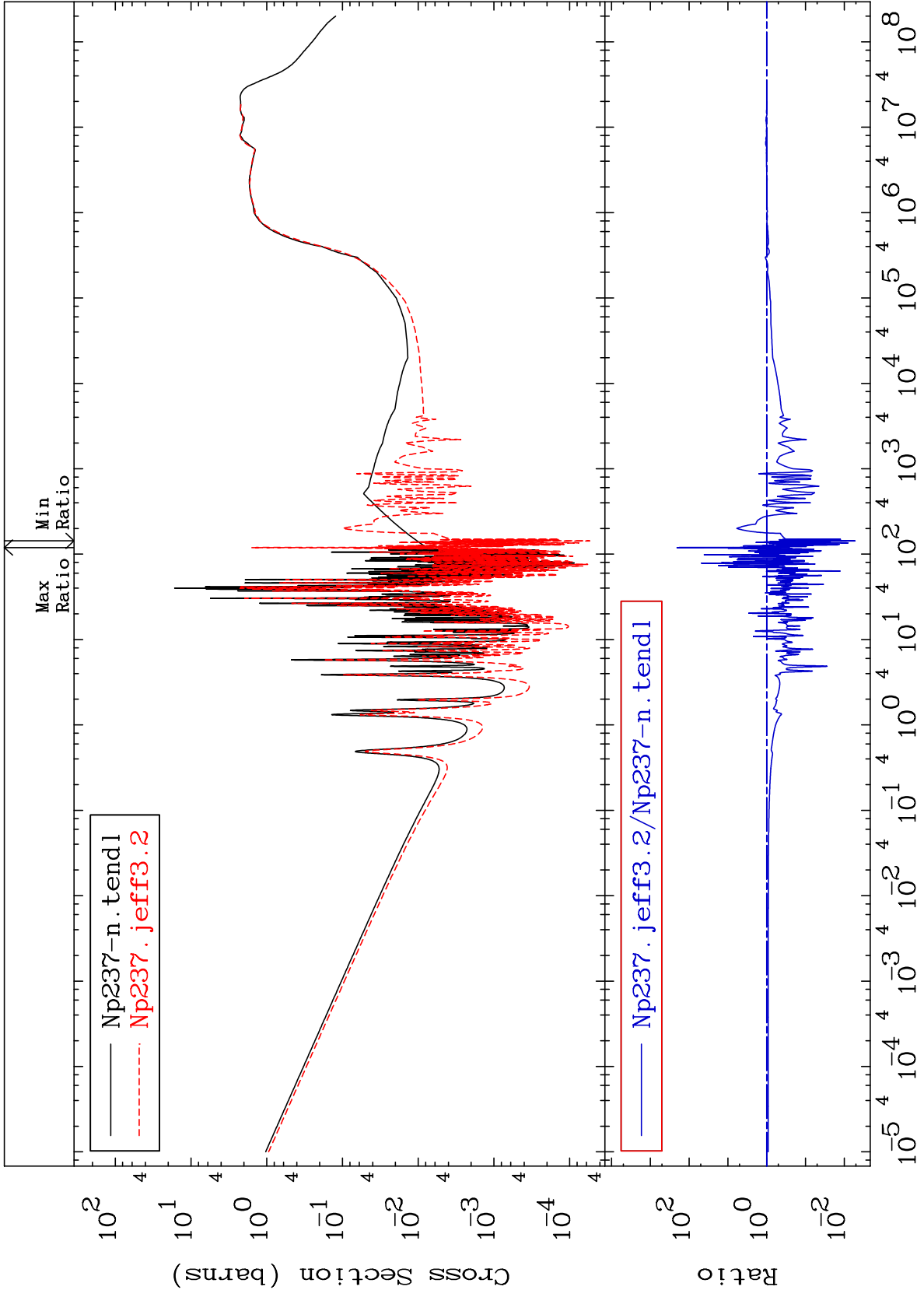
(n,3n)
Cross Section

93-Np-237
-88.67 To 162.3 %



MAT 9346

Fission Cross Section 93-Np-237
-99.48 To 9999. %



6

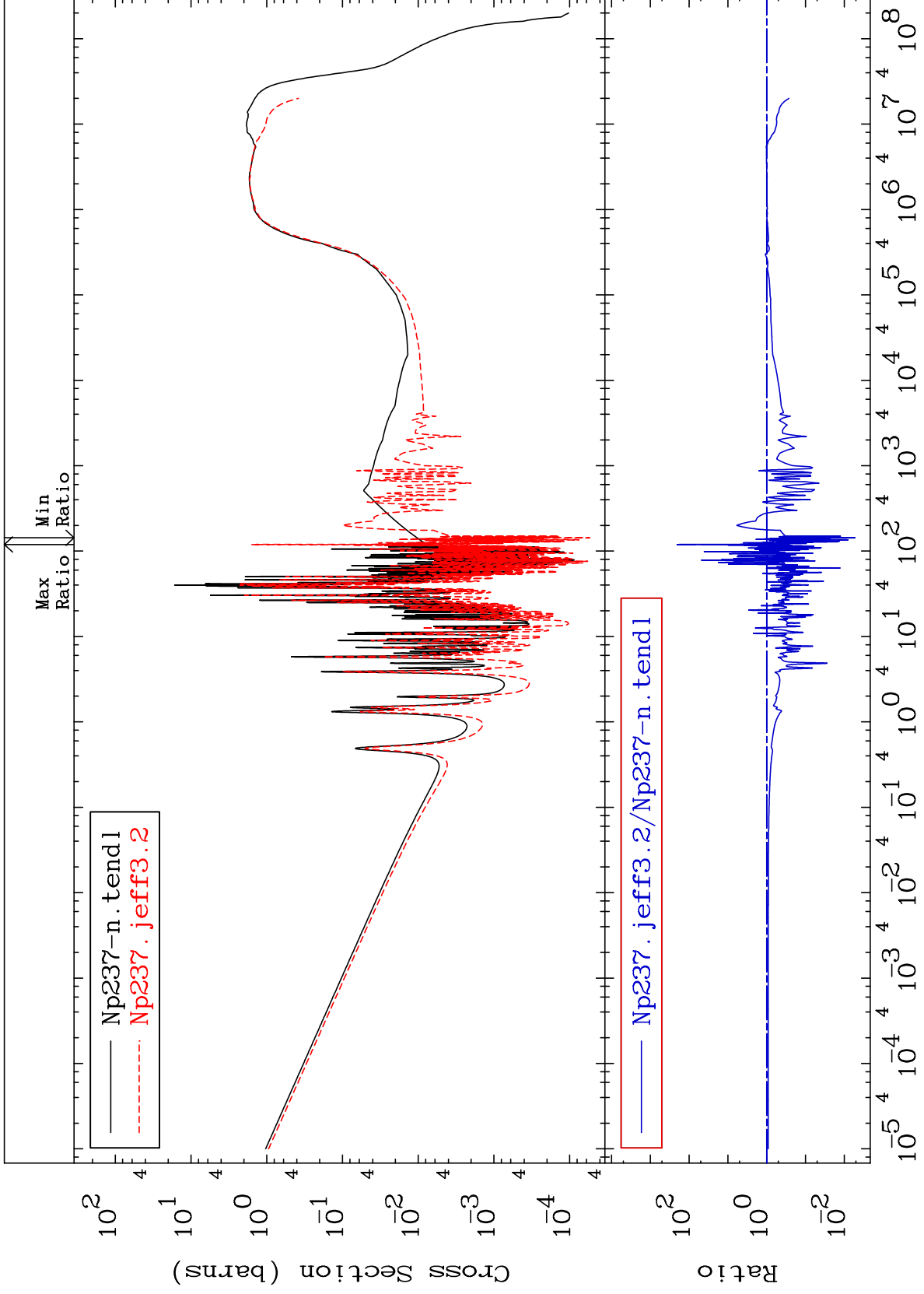
Incident Energy (eV)

93-Np-237

MAT 9346

(n,f) First Chance
Cross Section

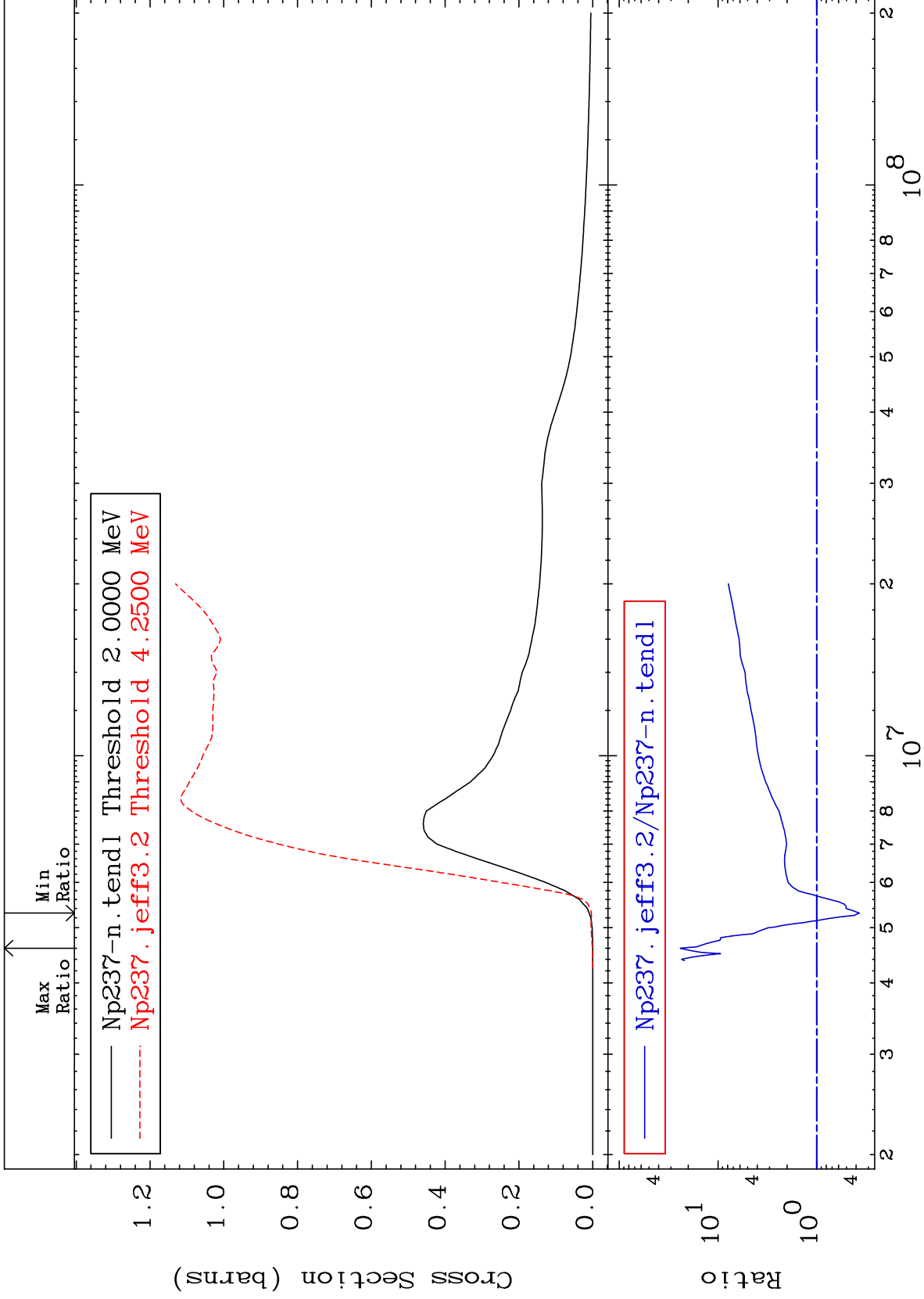
93-Np-237
-99.48 To 9999. %

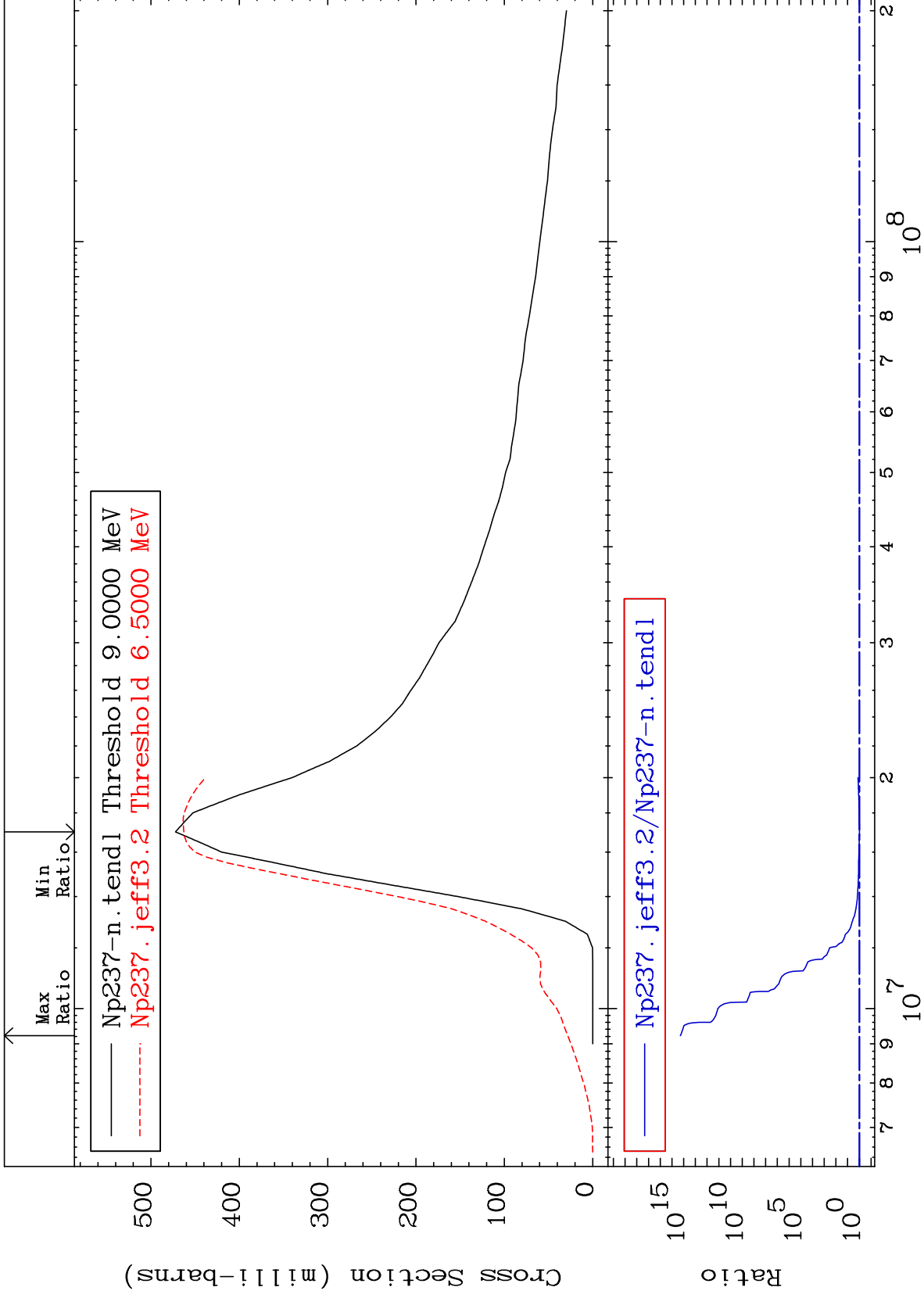


7

Incident Energy (eV)

93-Np-237

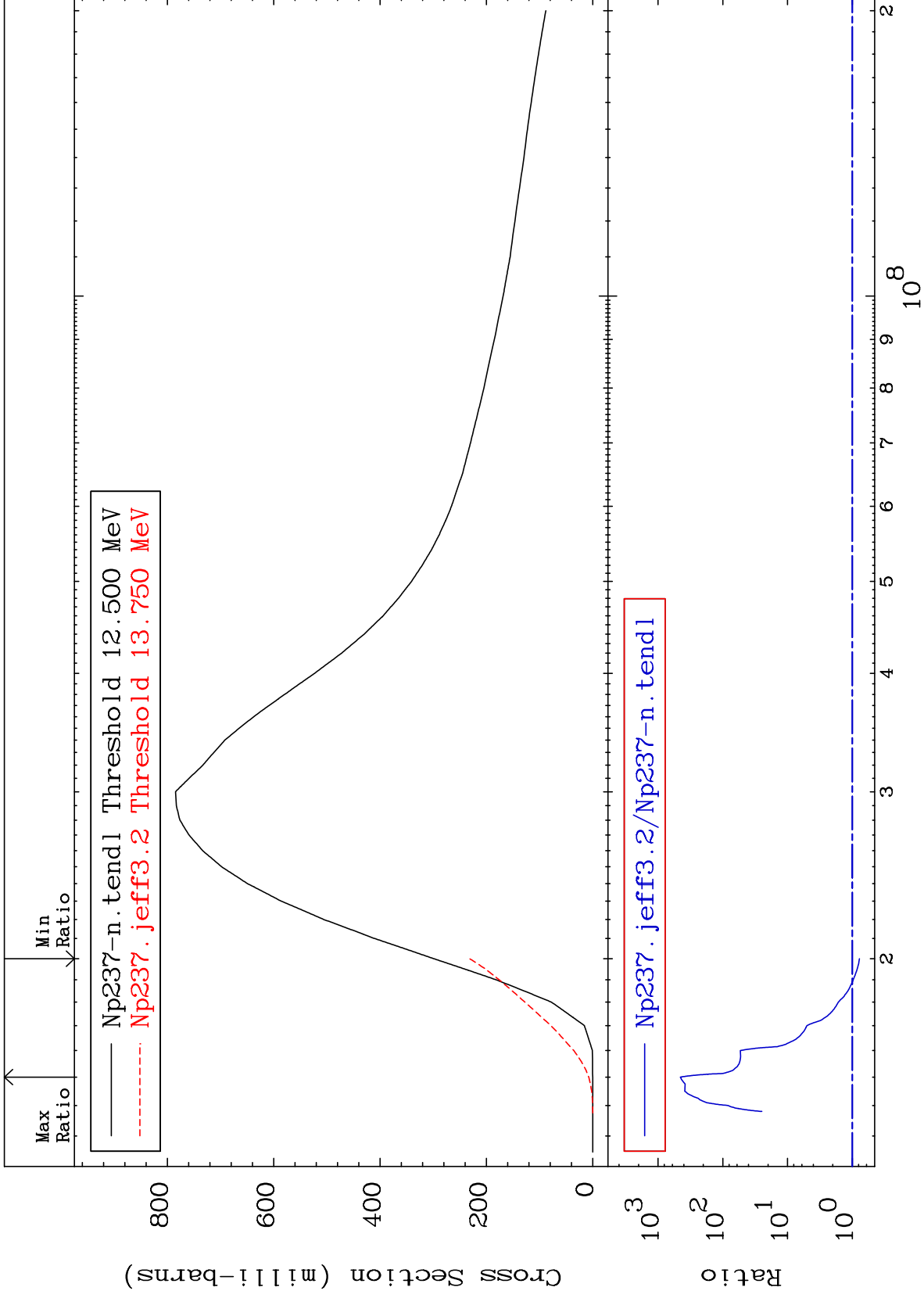




MAT 9346

(n,3nf) Fourth Chance
Cross Section

93-Np-237
-22.56 To 9999. %



10

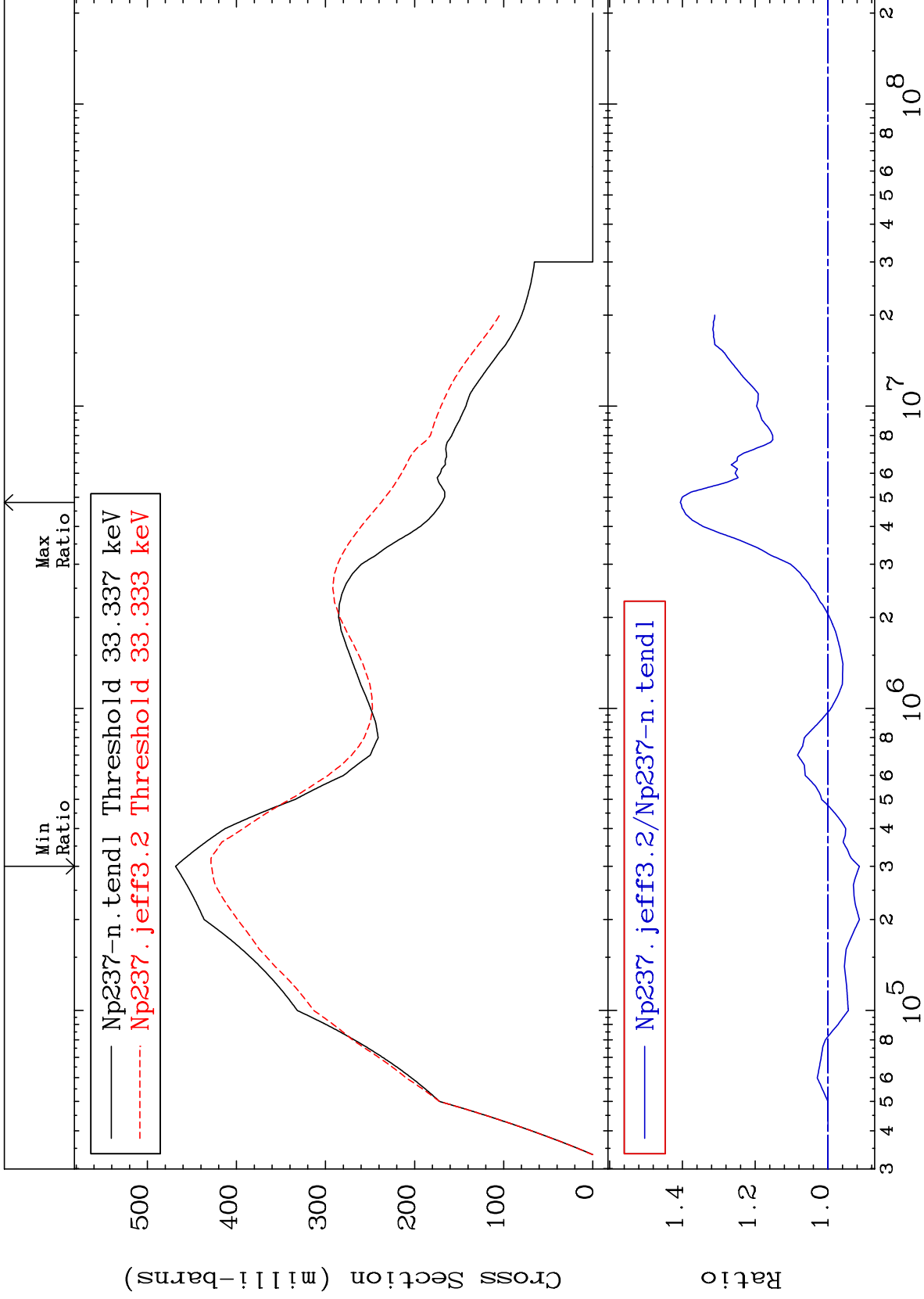
Incident Energy (eV)

93-Np-237

MAT 9346

33.20 keV (n,n') Level
Cross Section

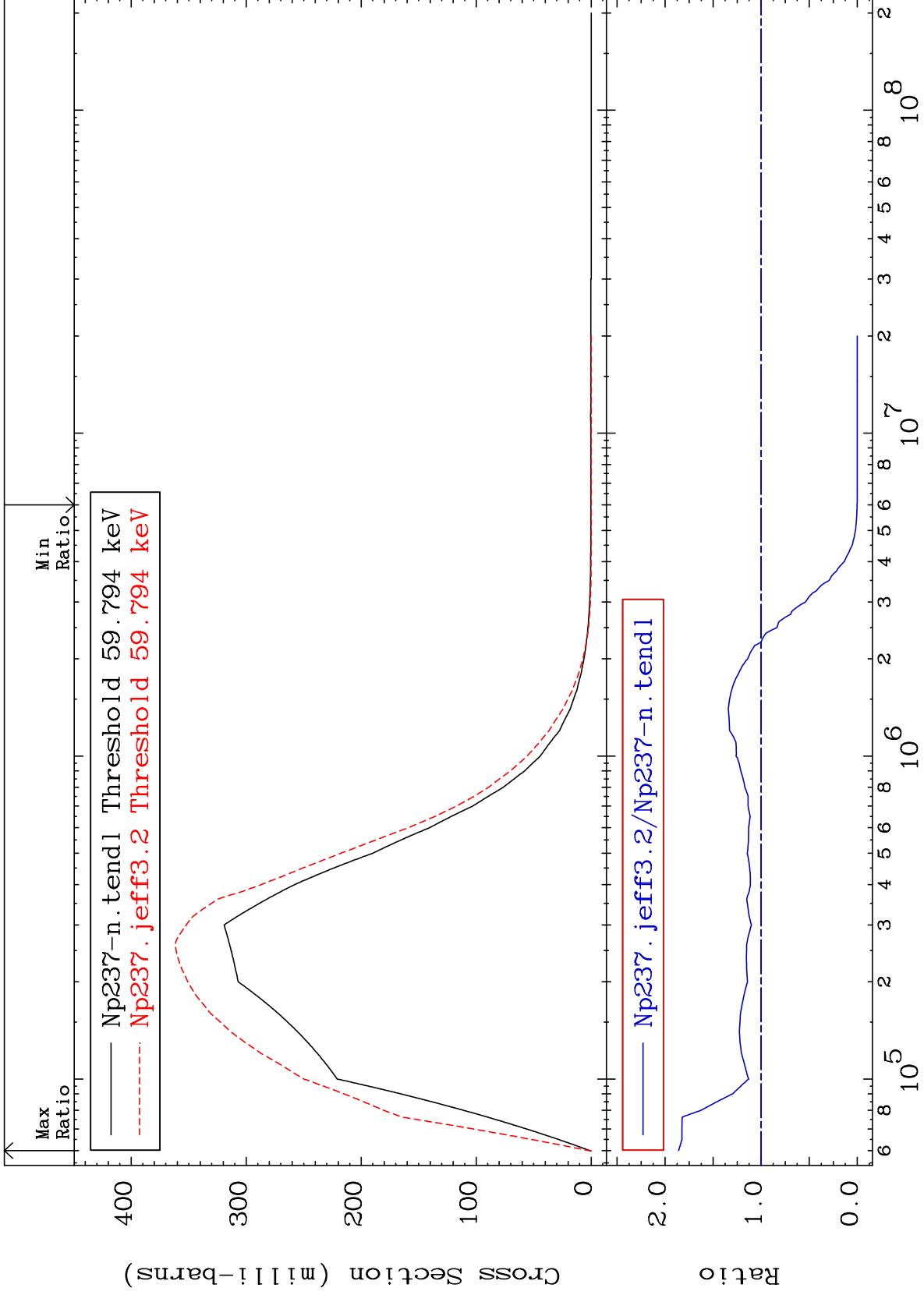
93-Np-237
-8.635 To 40.56 %



MAT 9346

59.54 keV (n,n') Level
Cross Section

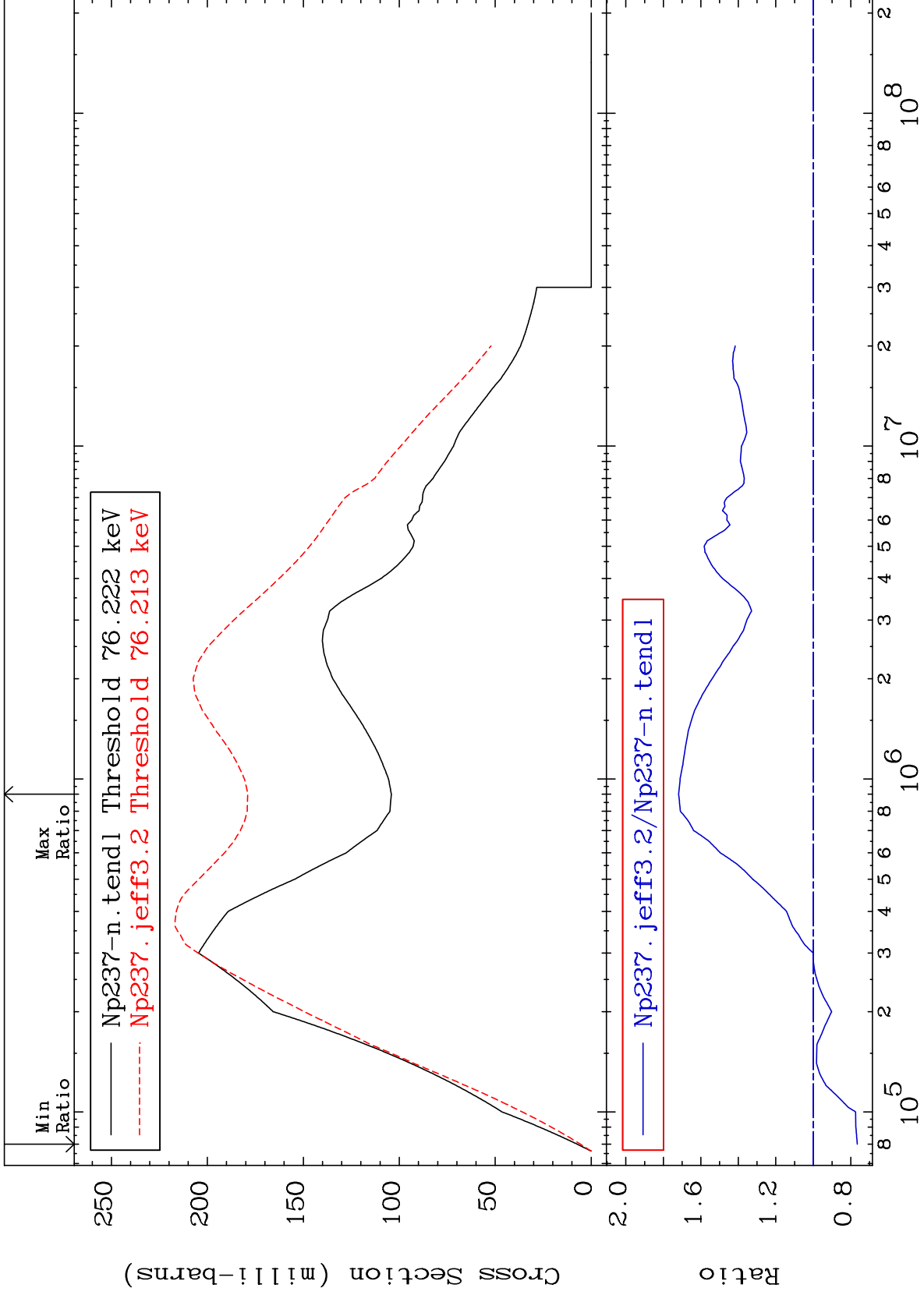
93-Np-237
-100.0 To 85.95 %



MAT 9346

75.90 keV (n,n') Level
Cross Section

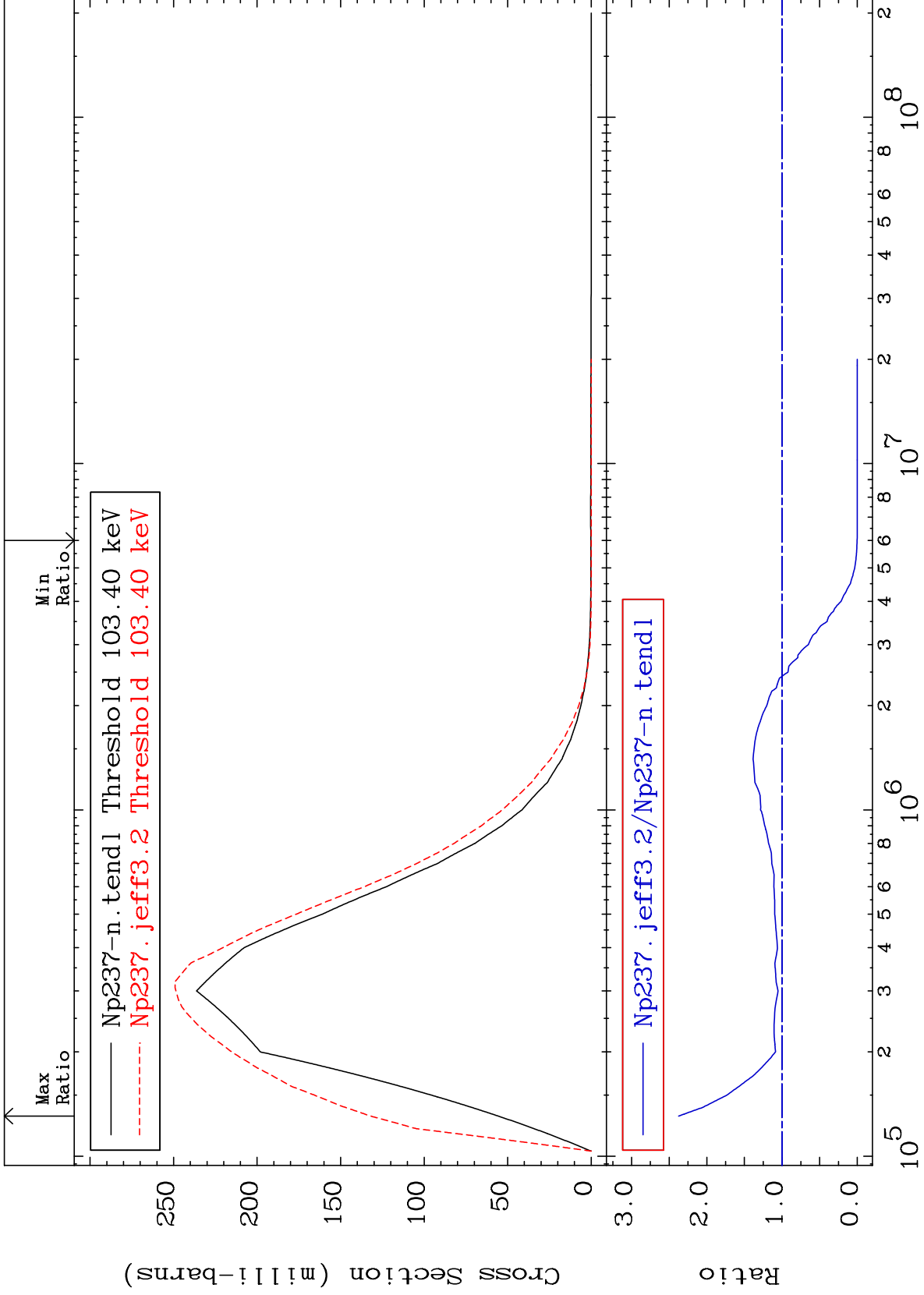
93-Np-237
-23.45 To 71.84 %



MAT 9346

103.0 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To 137.4 %



14

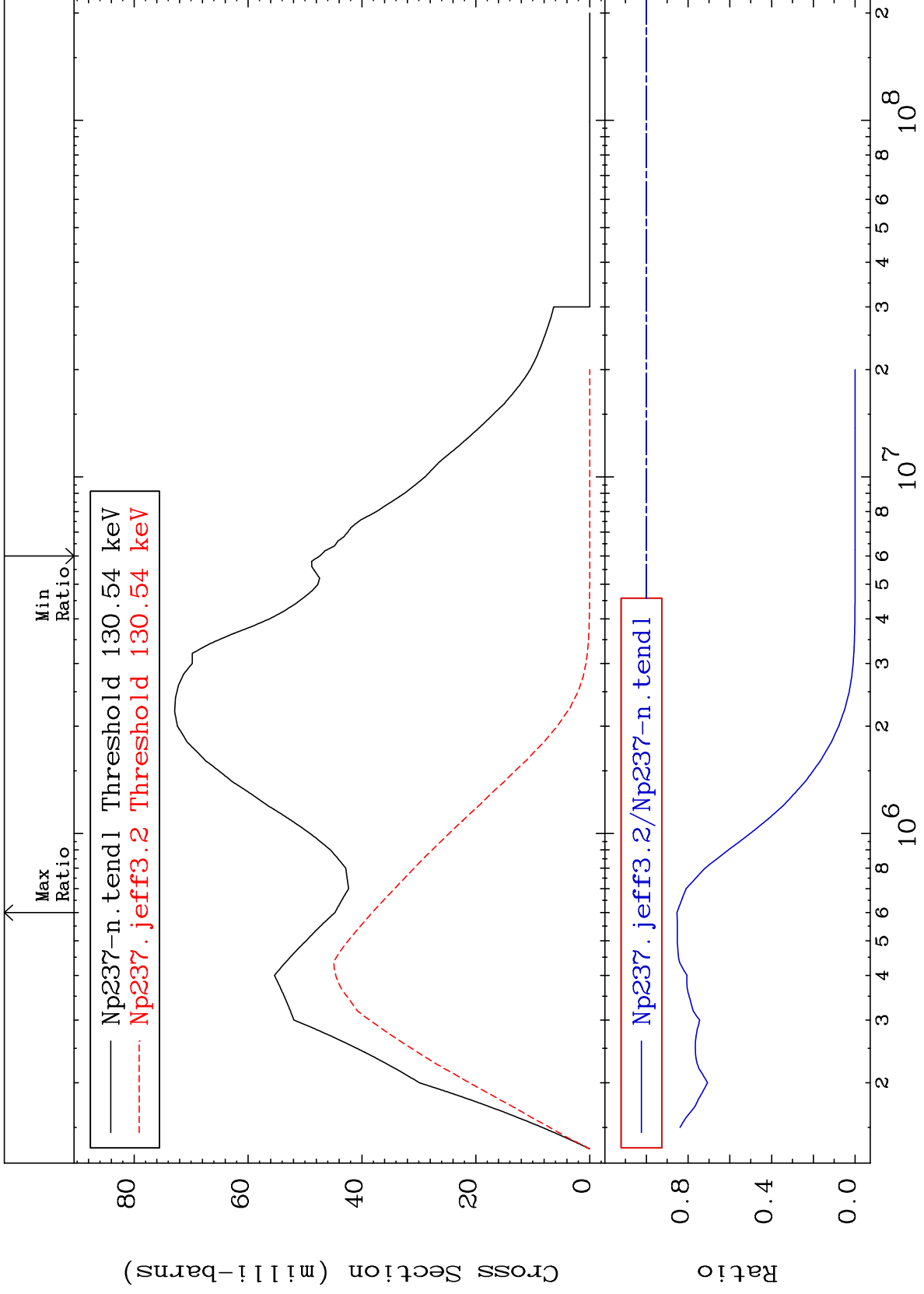
Incident Energy (eV)

93-Np-237

MAT 9346

130.0 keV (n,n') Level
Cross Section

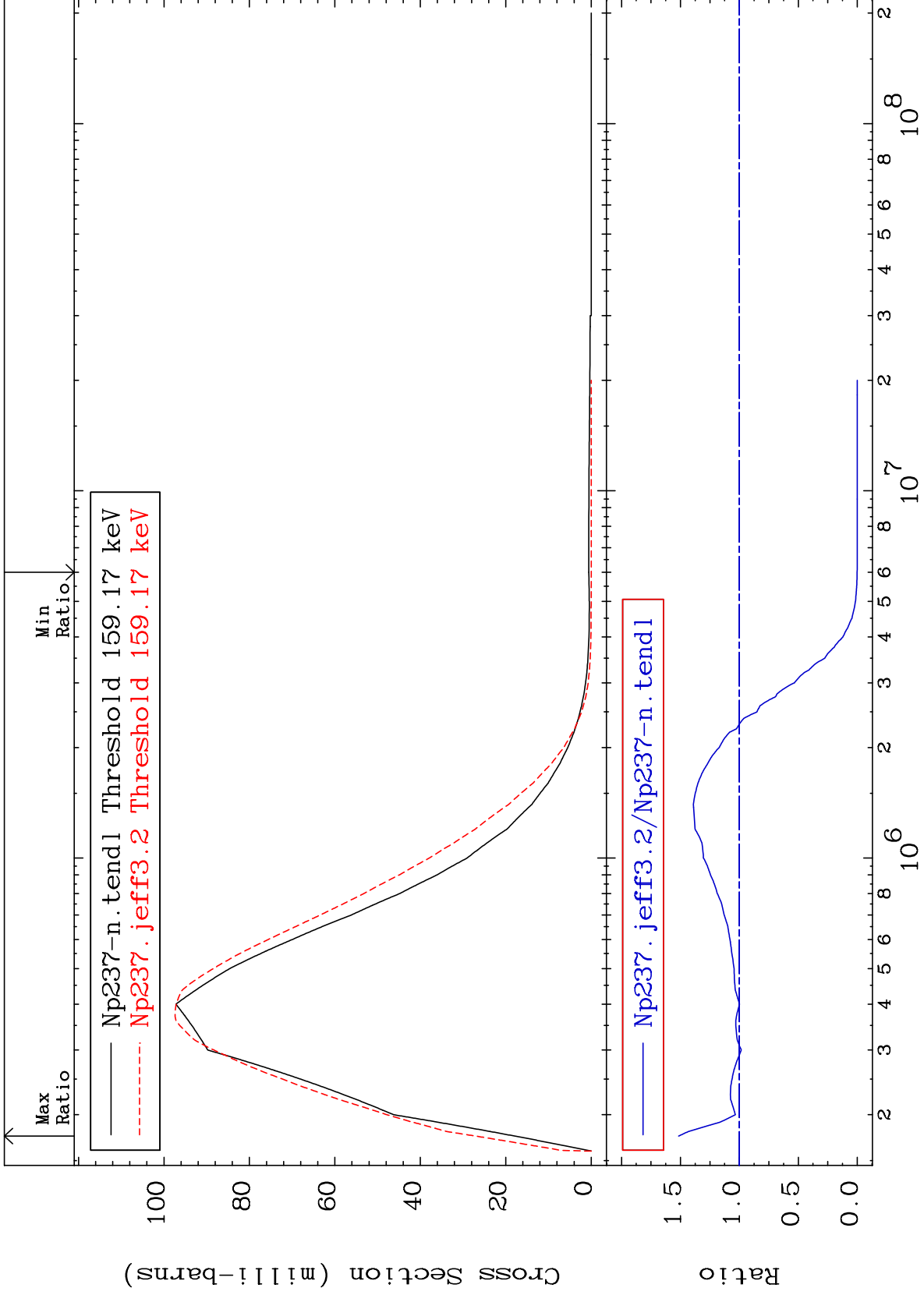
93-Np-237
-100.0 To -14.65%



MAT 9346

158.5 keV (n,n') Level
Cross Section

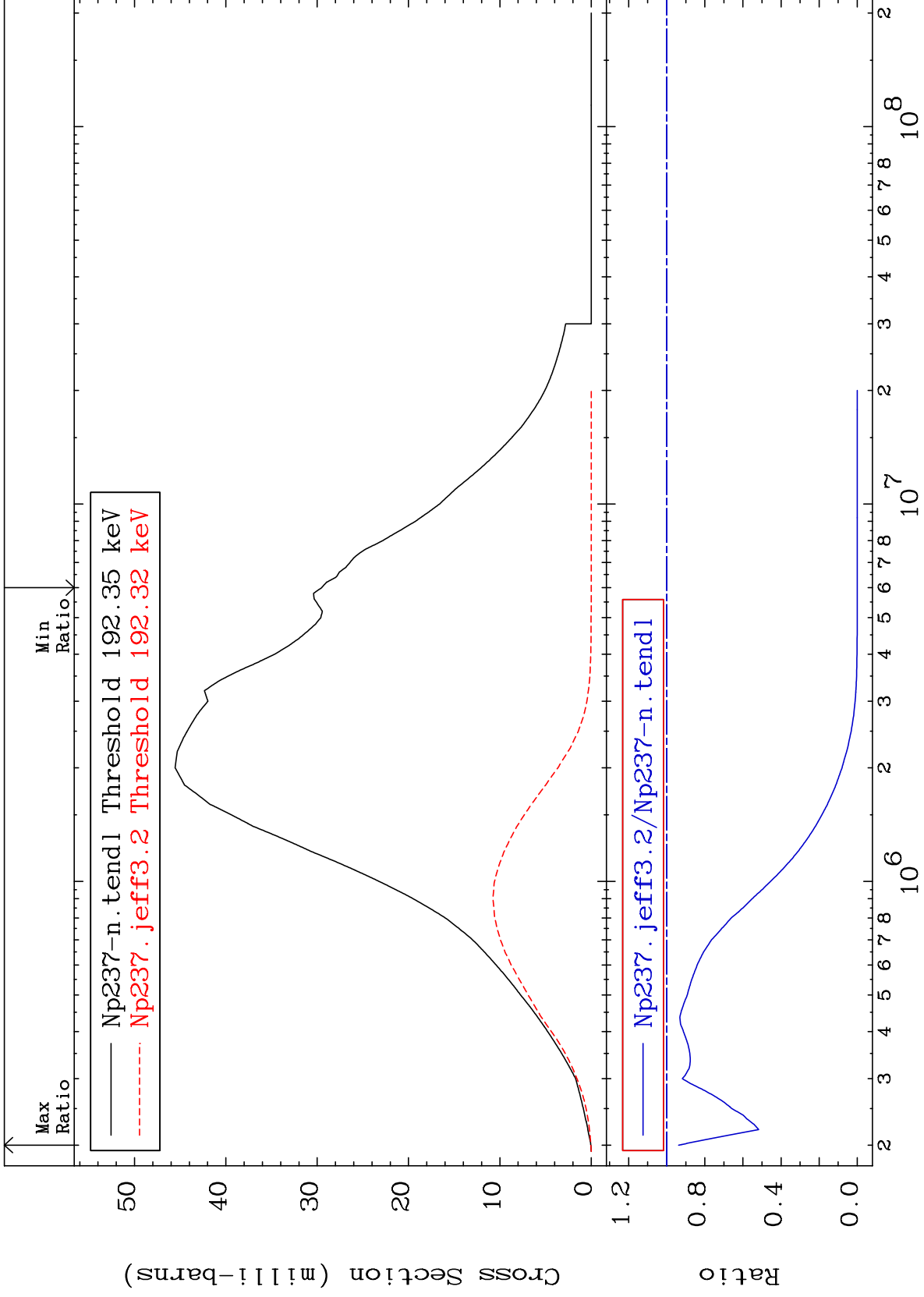
93-Np-237
-100.0 To 51.54 %



MAT 9346

191.5 keV (n,n') Level
Cross Section

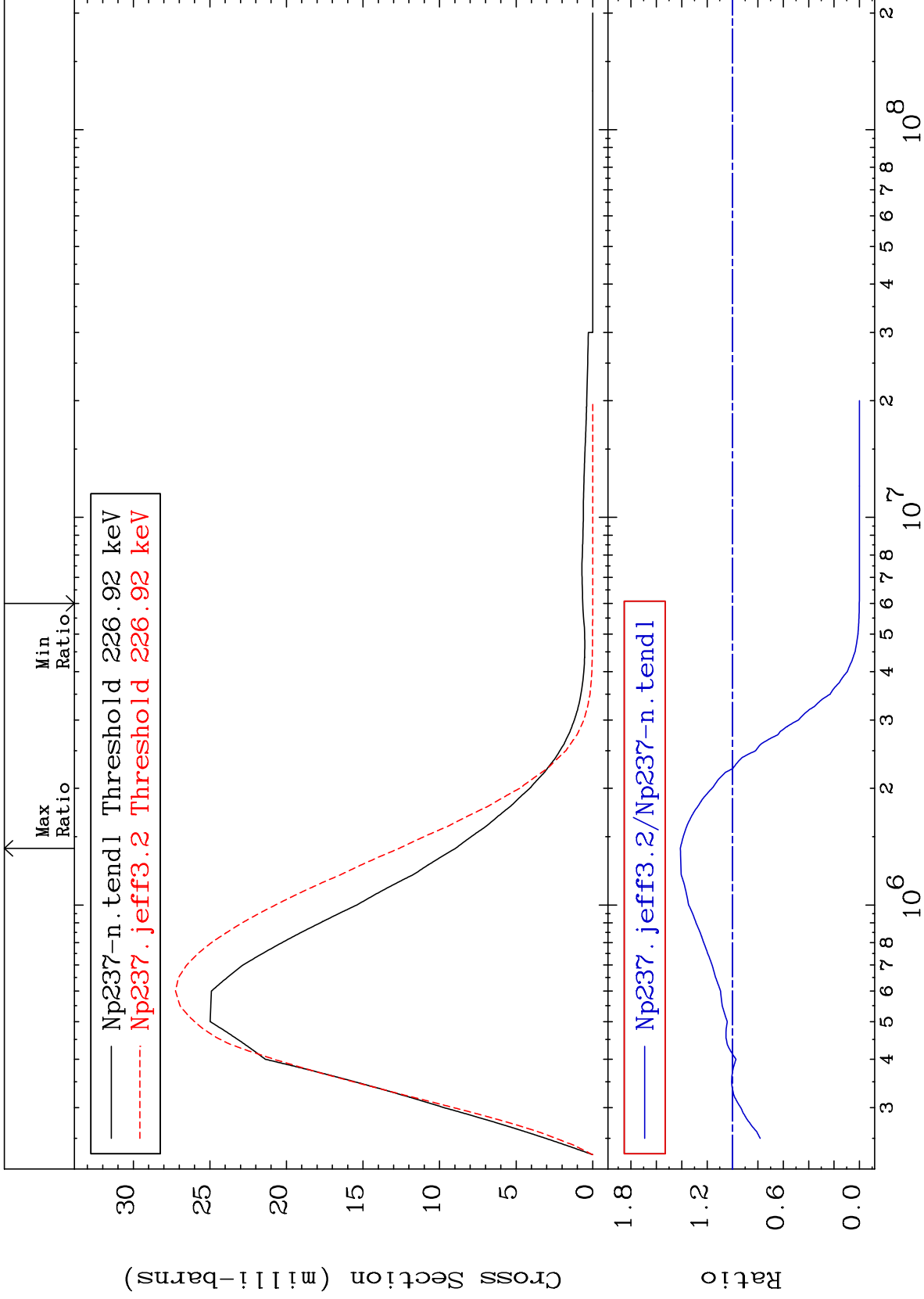
93-Np-237
-100.0 To -6.243%



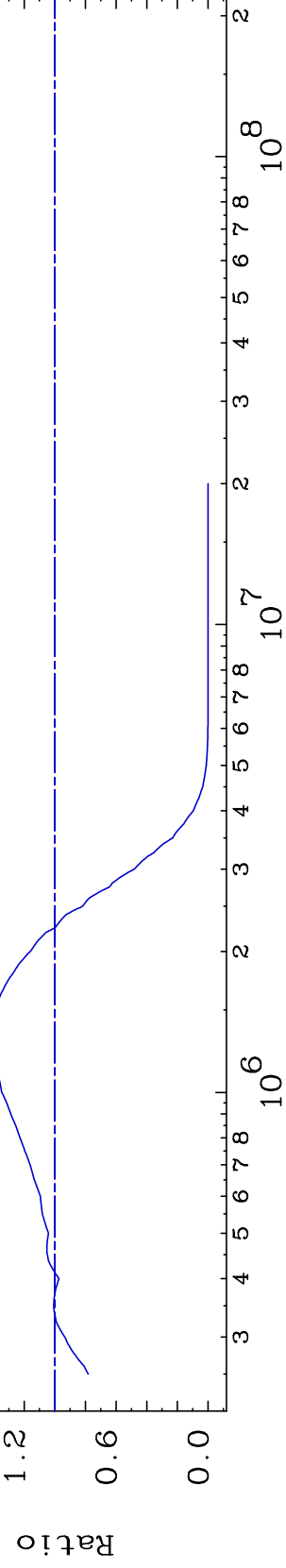
MAT 9346

226.0 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To 41.09 %



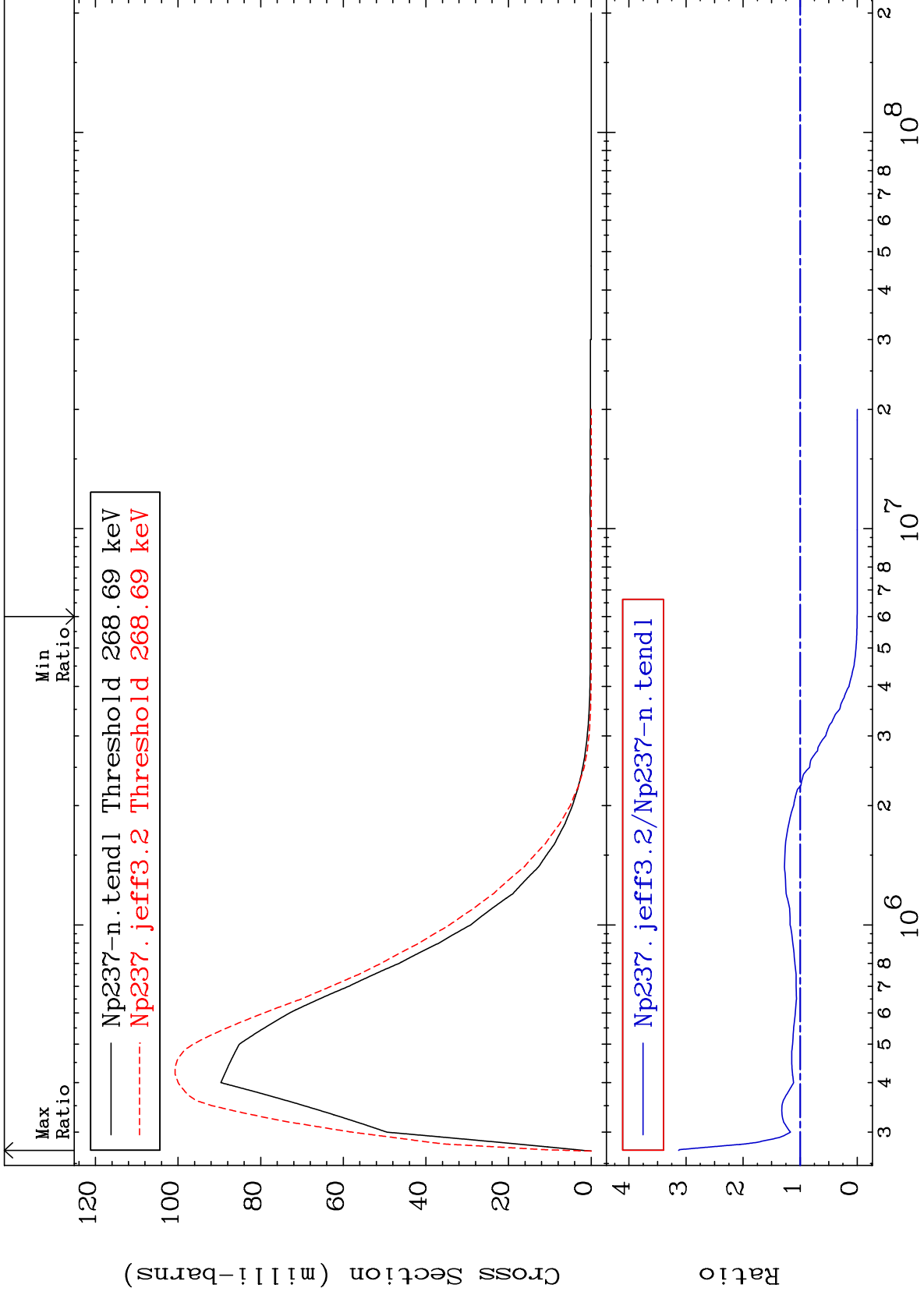
Np237.jeff3.2/Np237-n.tendl



MAT 9346

267.6 keV (n,n') Level
Cross Section

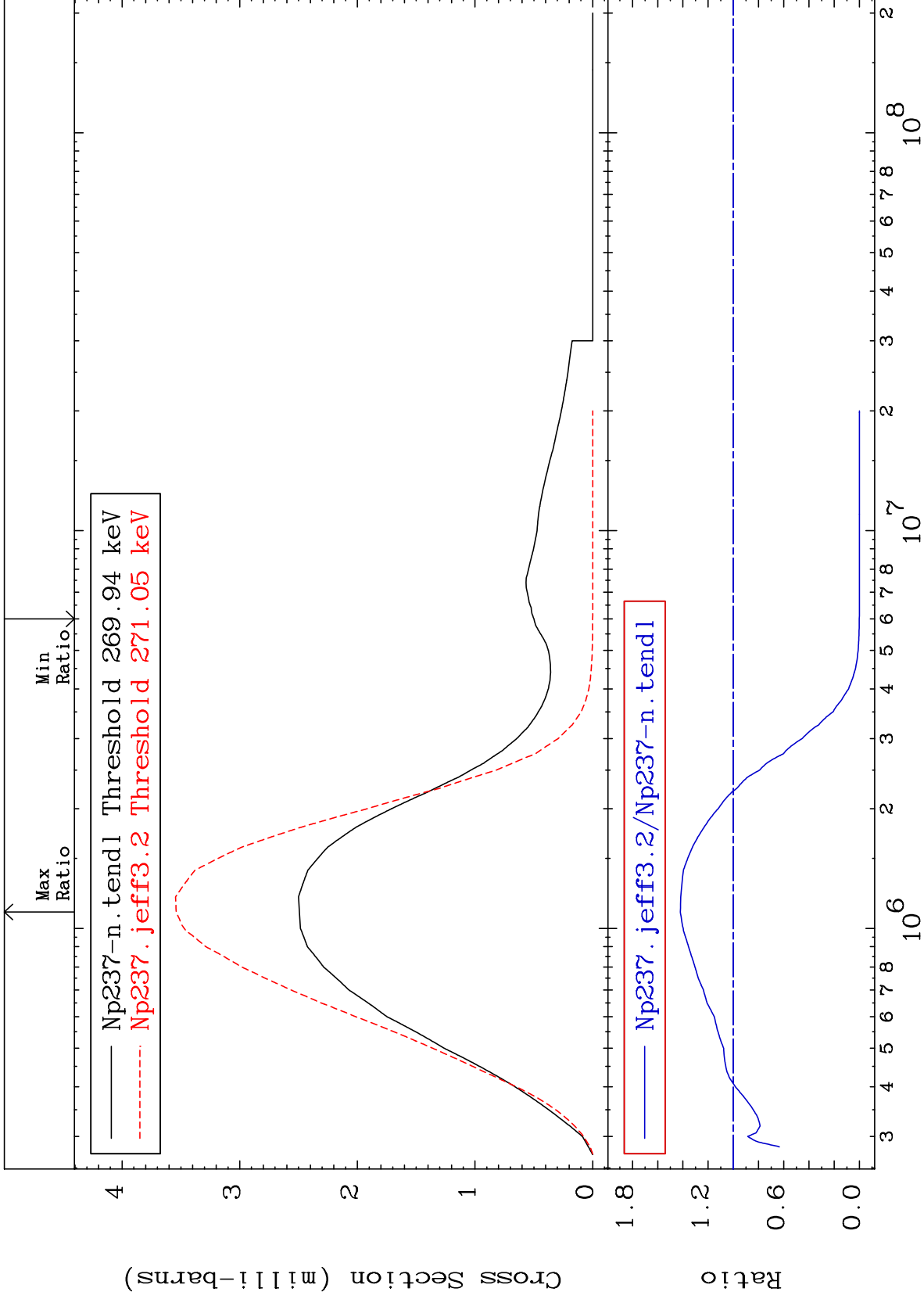
93-Np-237
-100.0 To 213.0 %



MAT 9346

268.8 keV (n,n') Level
Cross Section

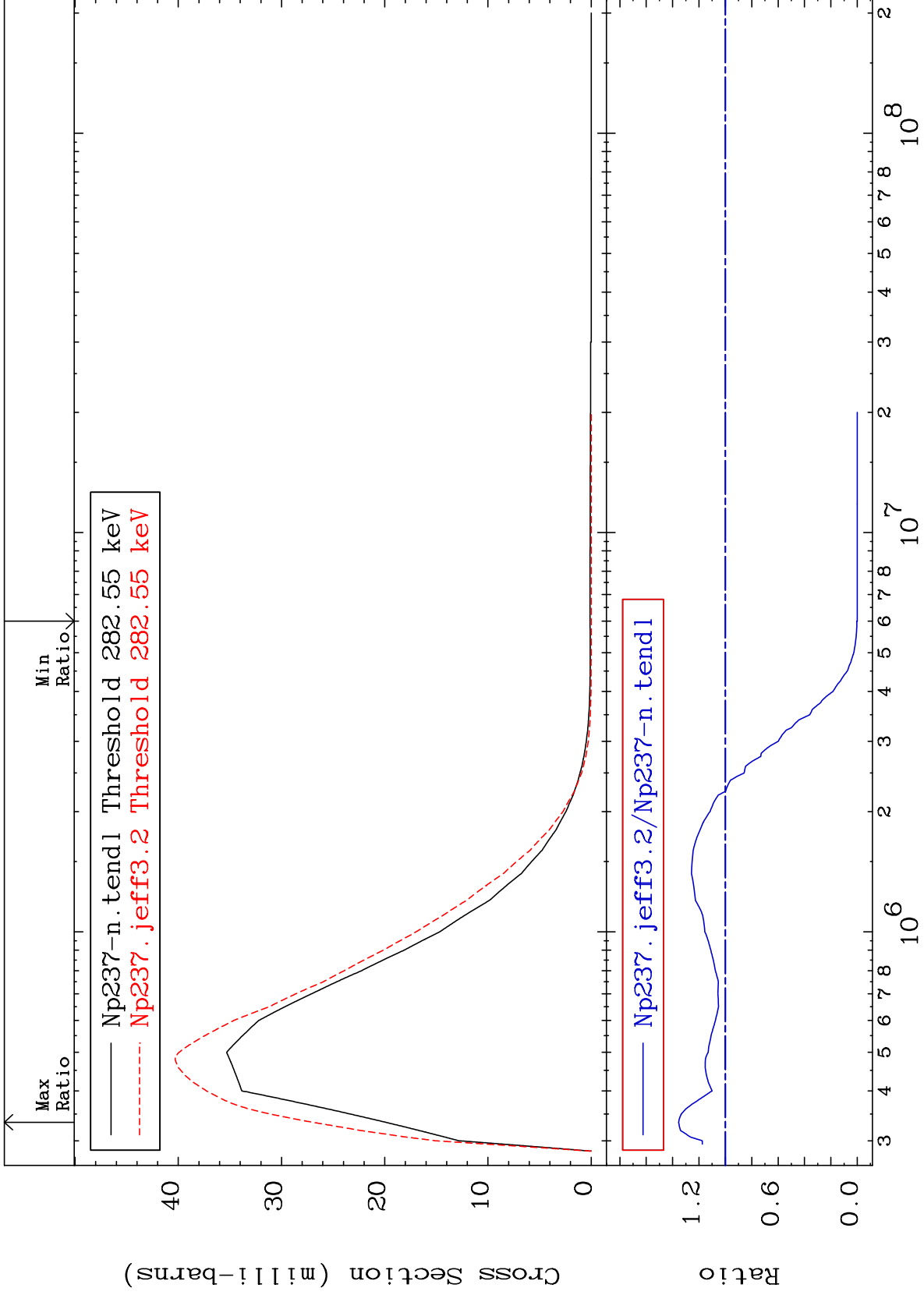
93-Np-237
-100.0 To 42.03 %



MAT 9346

281.4 keV (n,n') Level
Cross Section

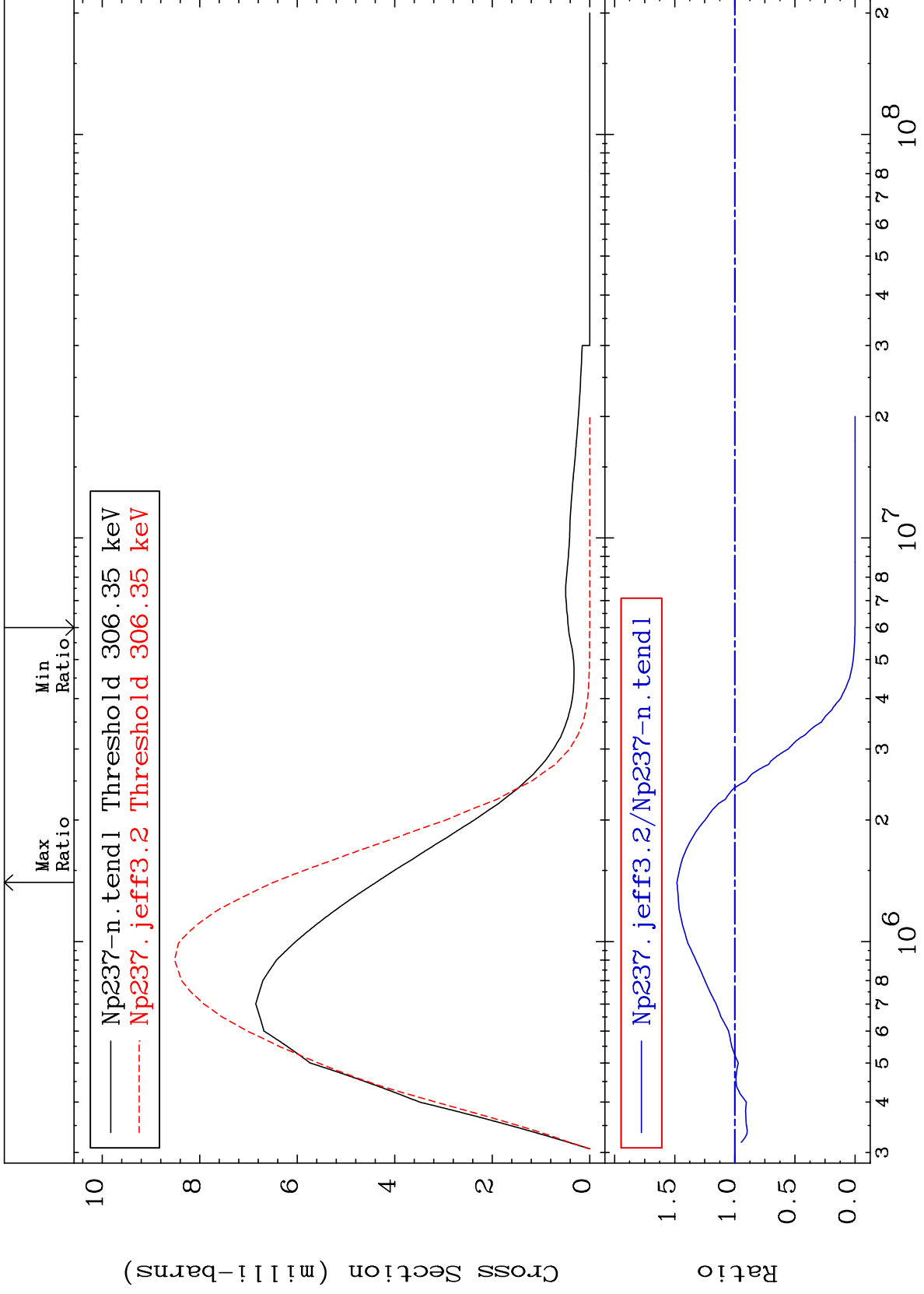
93-Np-237
-100.0 To 35.43 %



MAT 9346

305.1 keV (n,n') Level
Cross Section

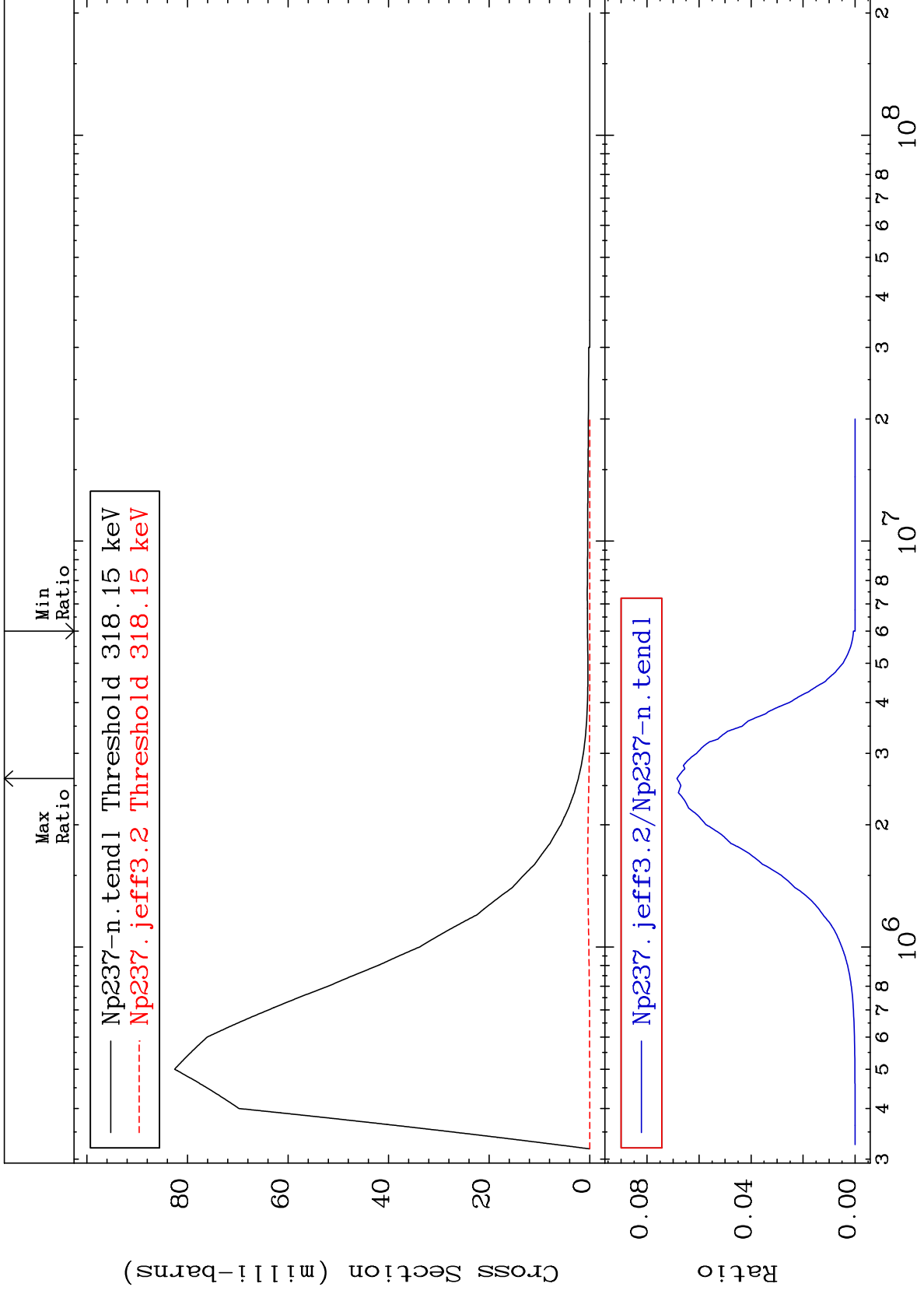
93-Np-237
-100.0 To 48.15 %



MAT 9346

316.8 keV (n,n') Level
Cross Section

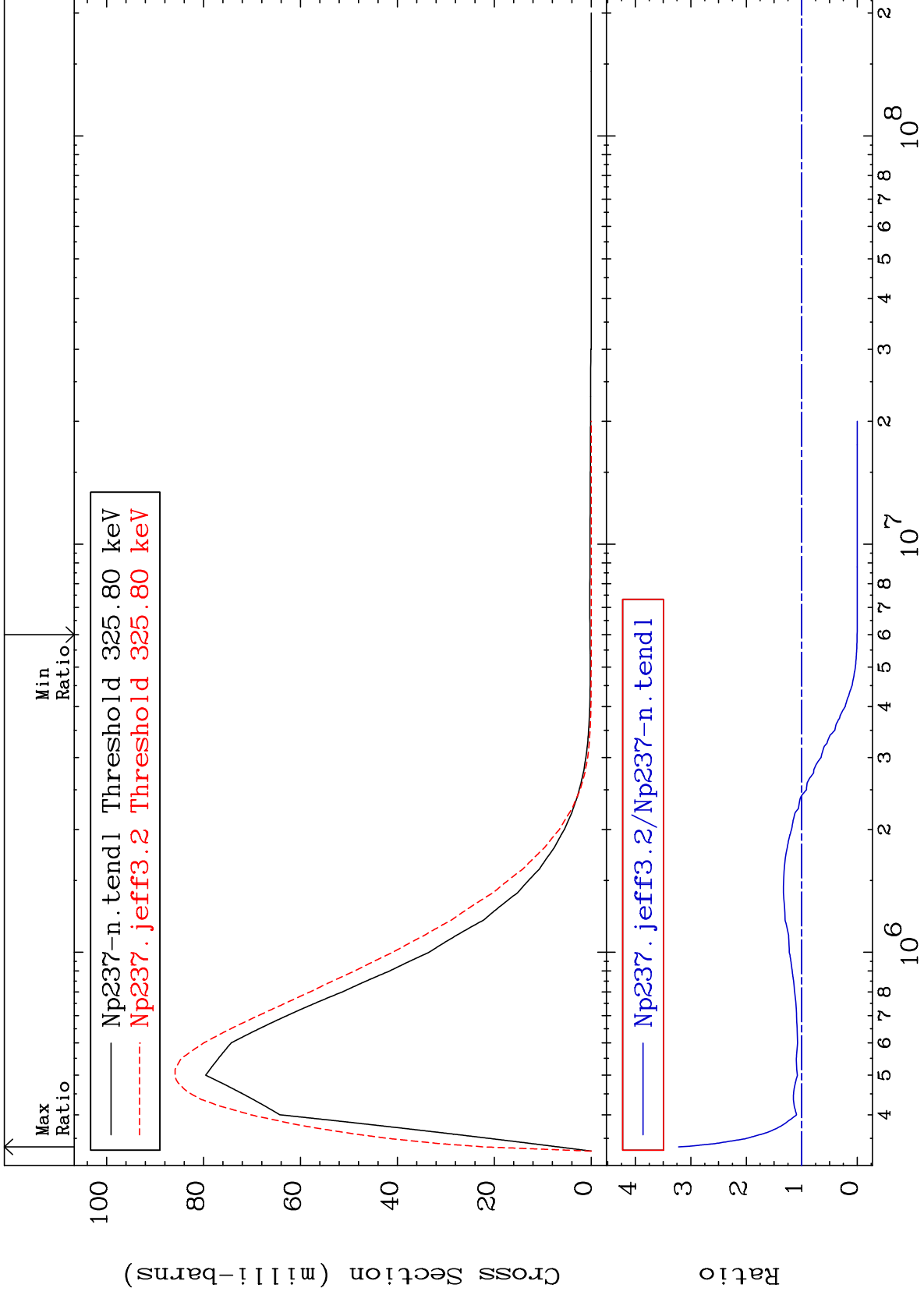
93-Np-237
-100.0 To -93.15%



MAT 9346

324.4 keV (n,n') Level
Cross Section

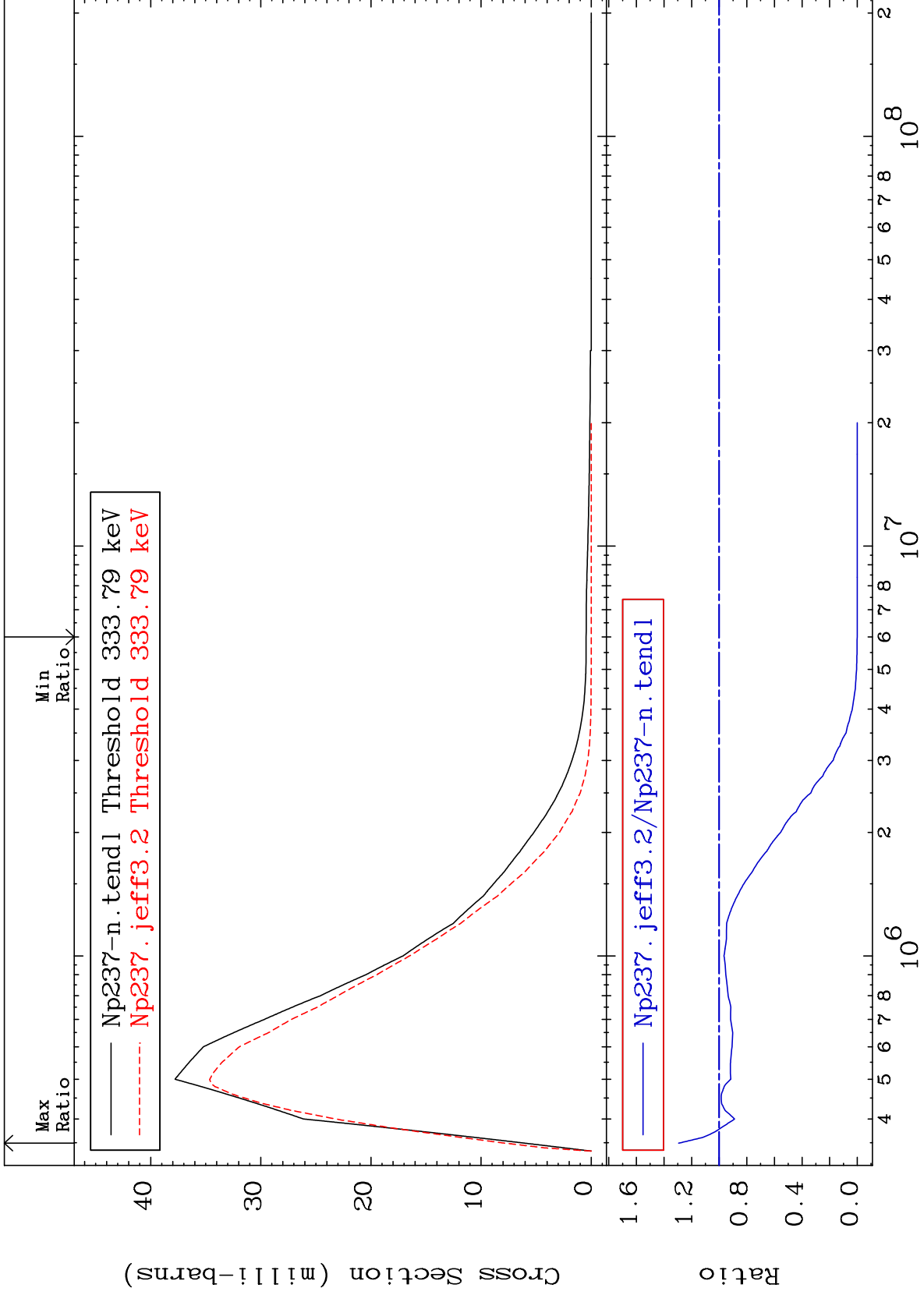
93-Np-237
-100.0 To 222.1 %



MAT 9346

332.4 keV (n,n') Level
Cross Section

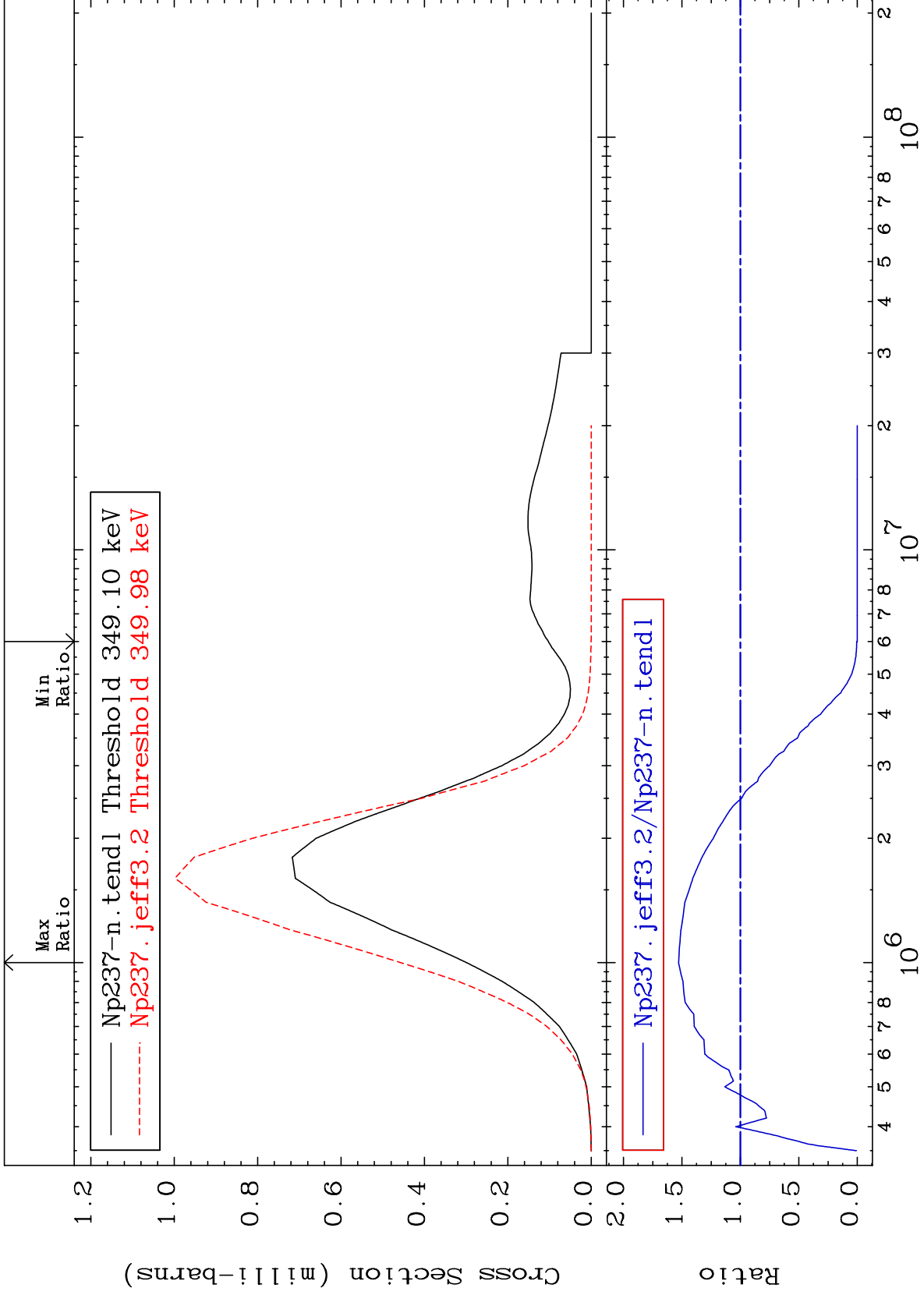
93-Np-237
-100.0 To 29.39 %



MAT 9346

347.6 keV (n,n') Level
Cross Section

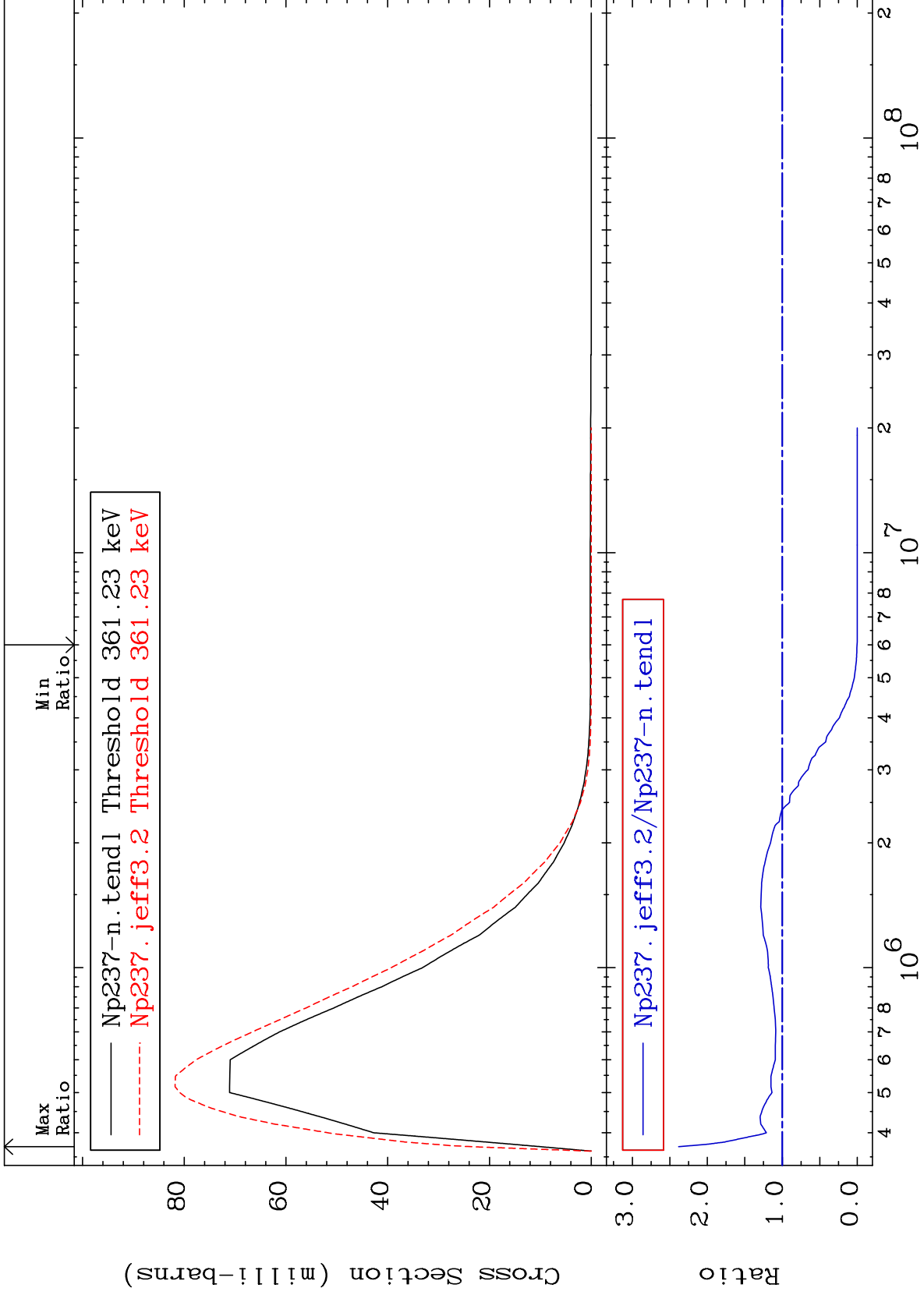
93-Np-237
-100.0 To 52.81 %



MAT 9346

359.7 keV (n,n') Level
Cross Section

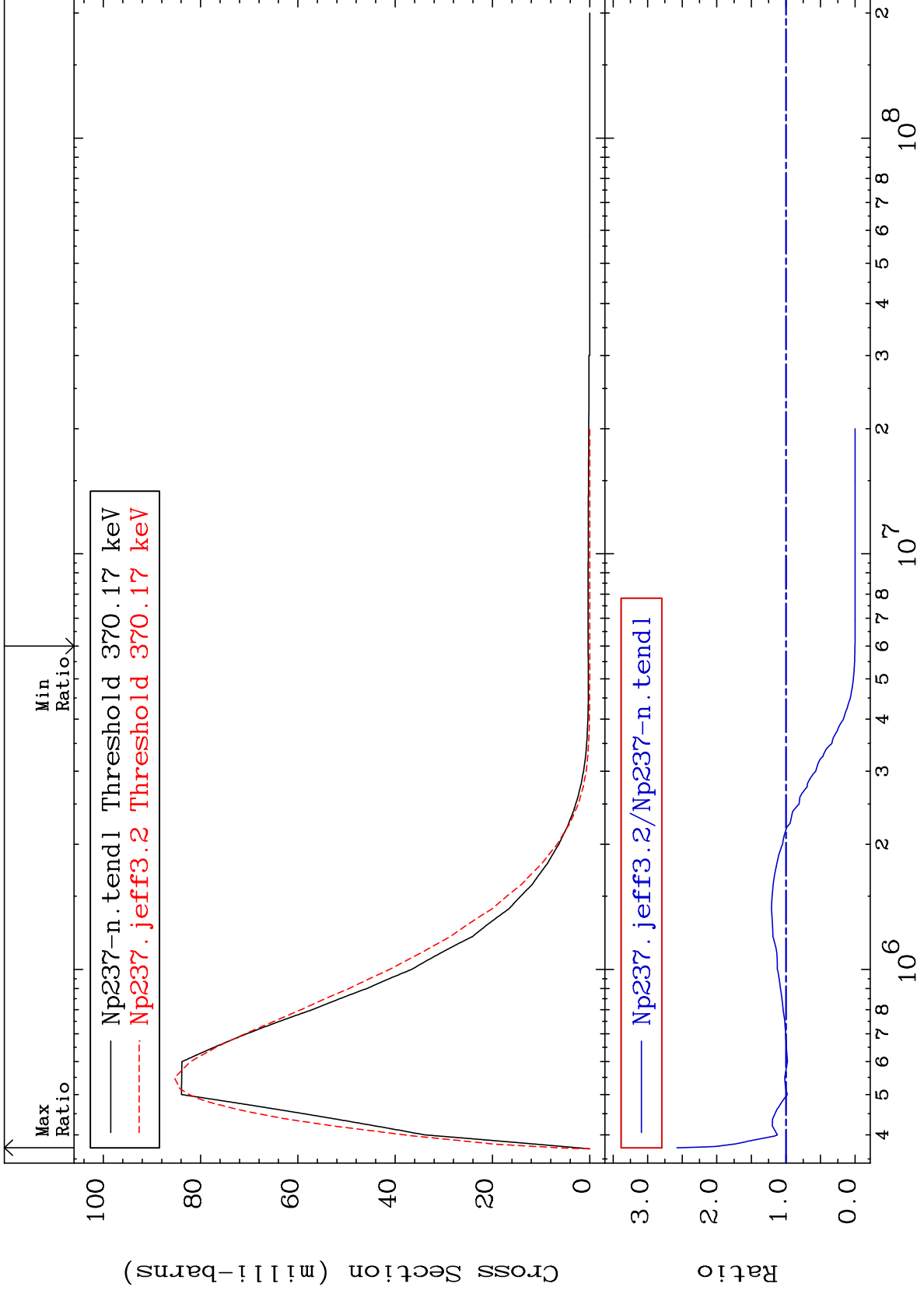
93-Np-237
-100.0 To 138.2 %



MAT 9346

368.6 keV (n,n') Level
Cross Section

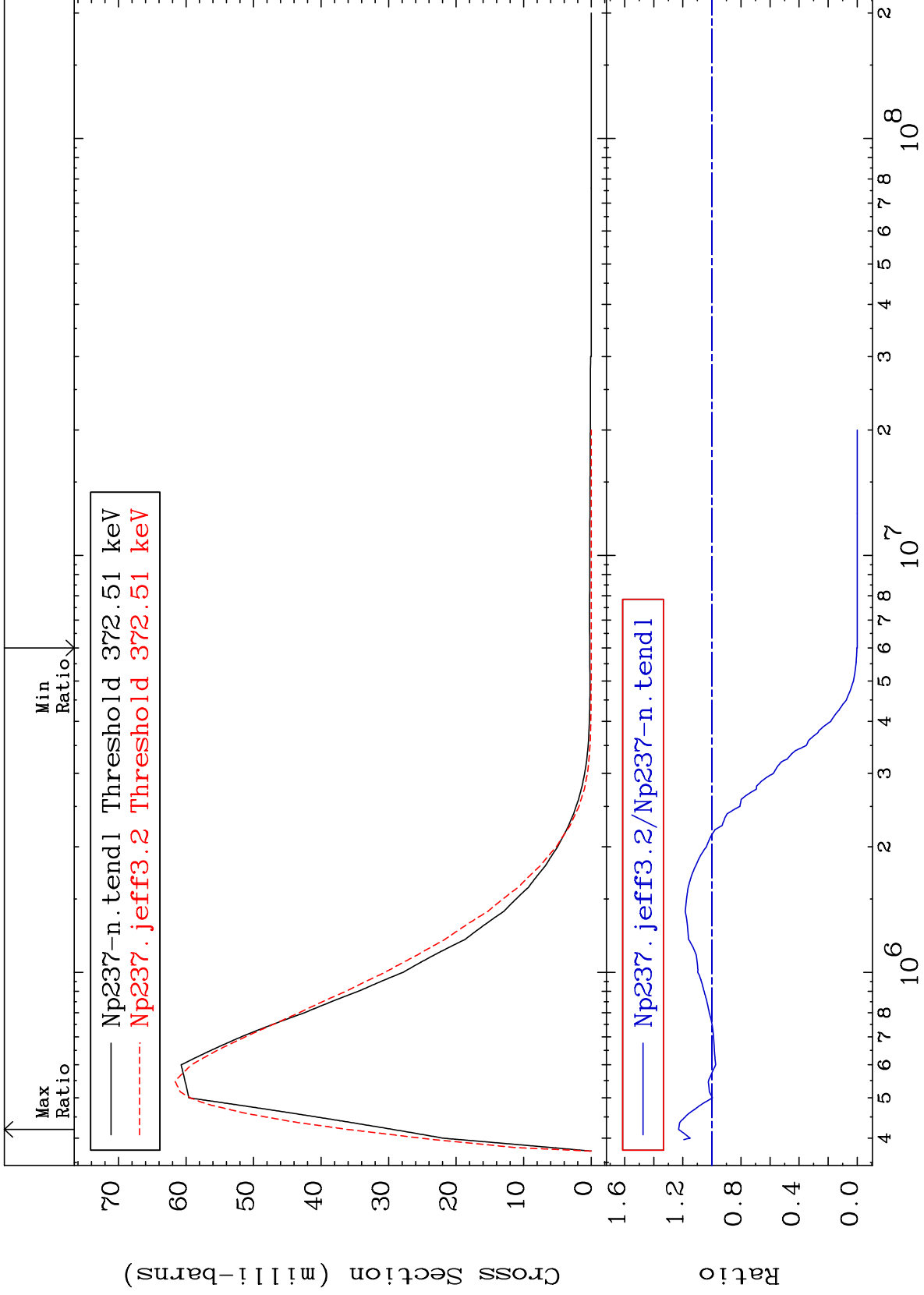
93-Np-237
-100.0 To 157.7 %



MAT 9346

370.9 keV (n,n') Level
Cross Section

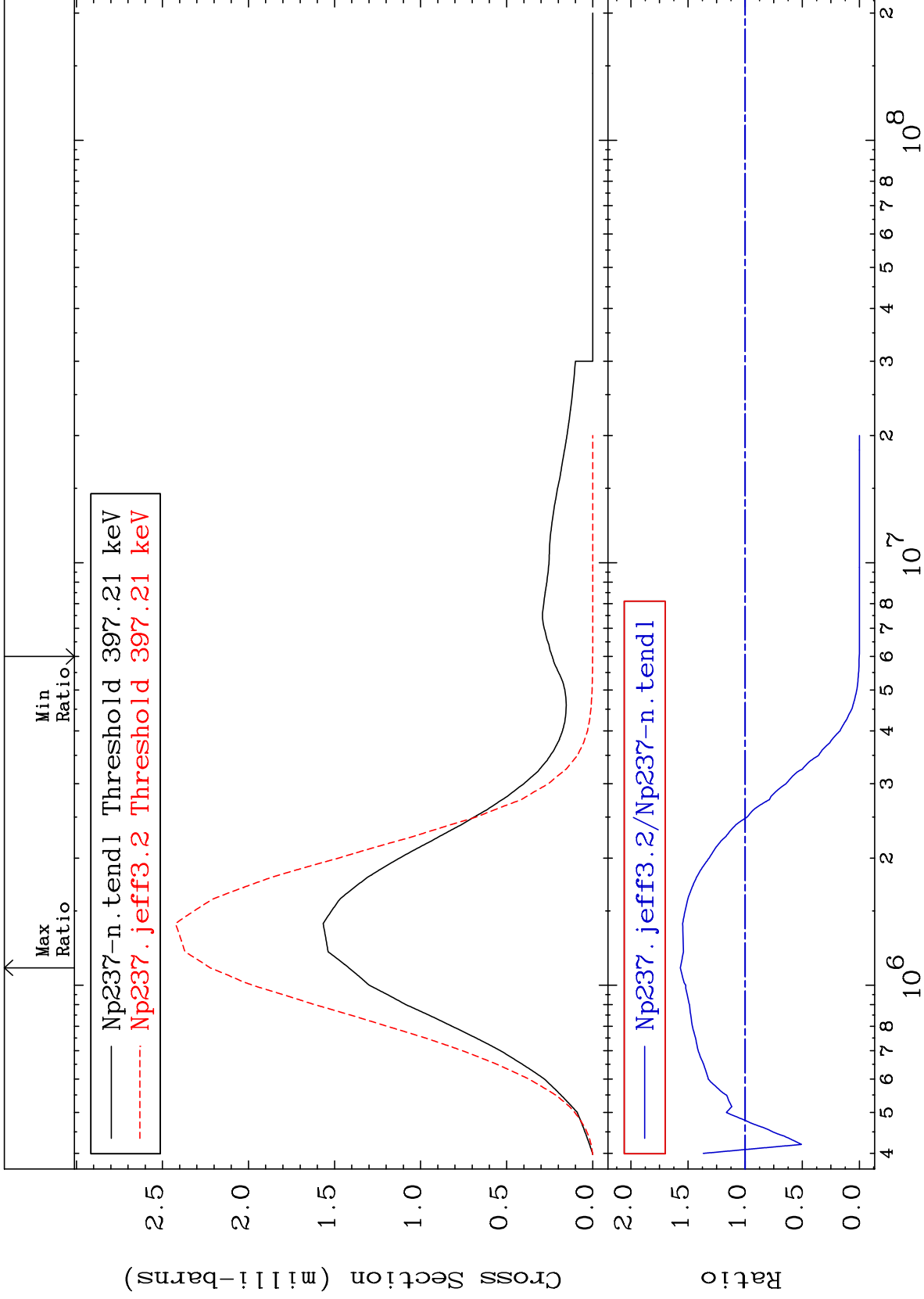
93-Np-237
-100.0 To 22.90 %



MAT 9346

395.5 keV (n,n') Level
Cross Section

93-Np-237
-100.0 To 56.76 %



30

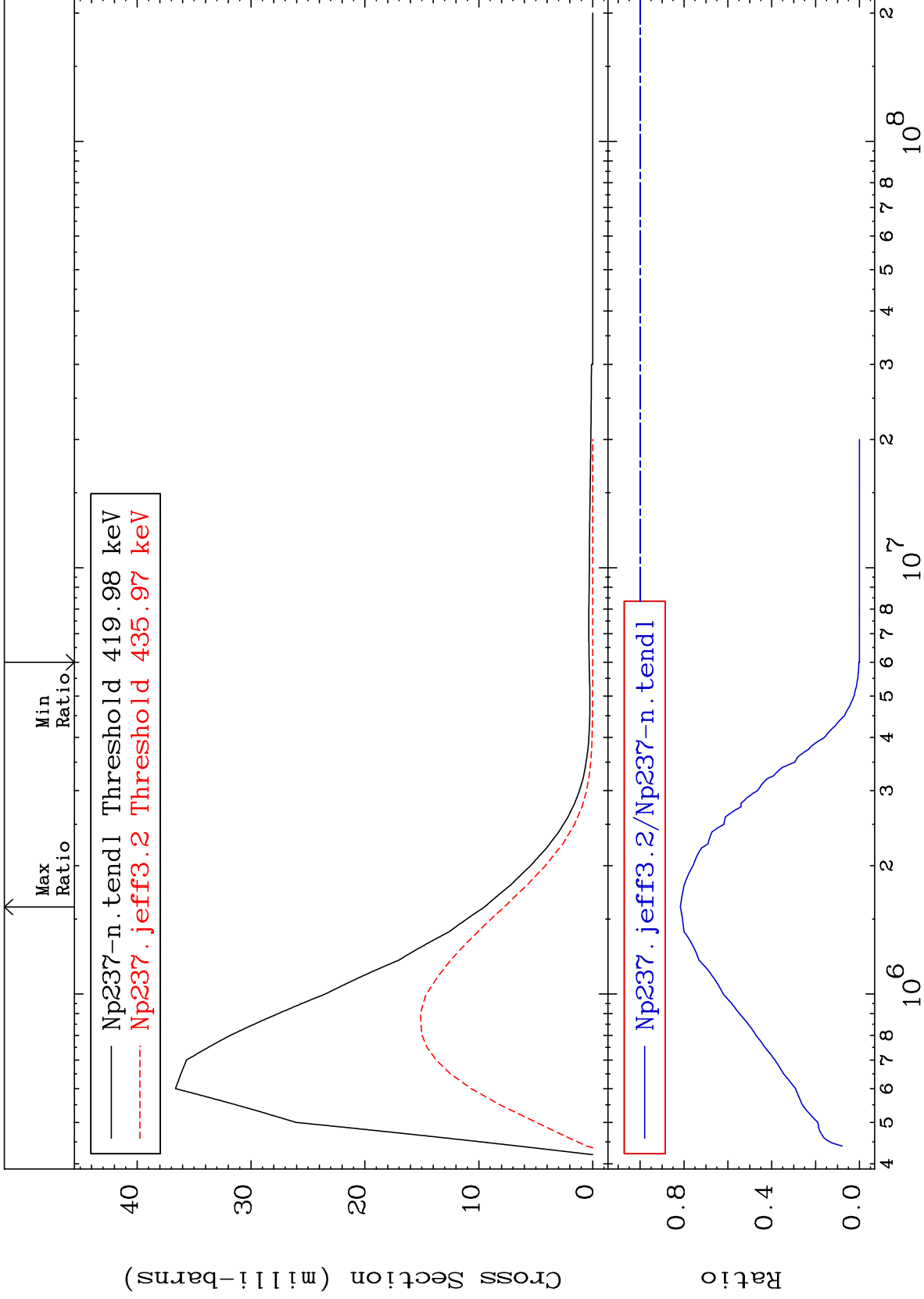
Incident Energy (eV)

93-Np-237

MAT 9346

418.2 keV (n,n') Level
Cross Section

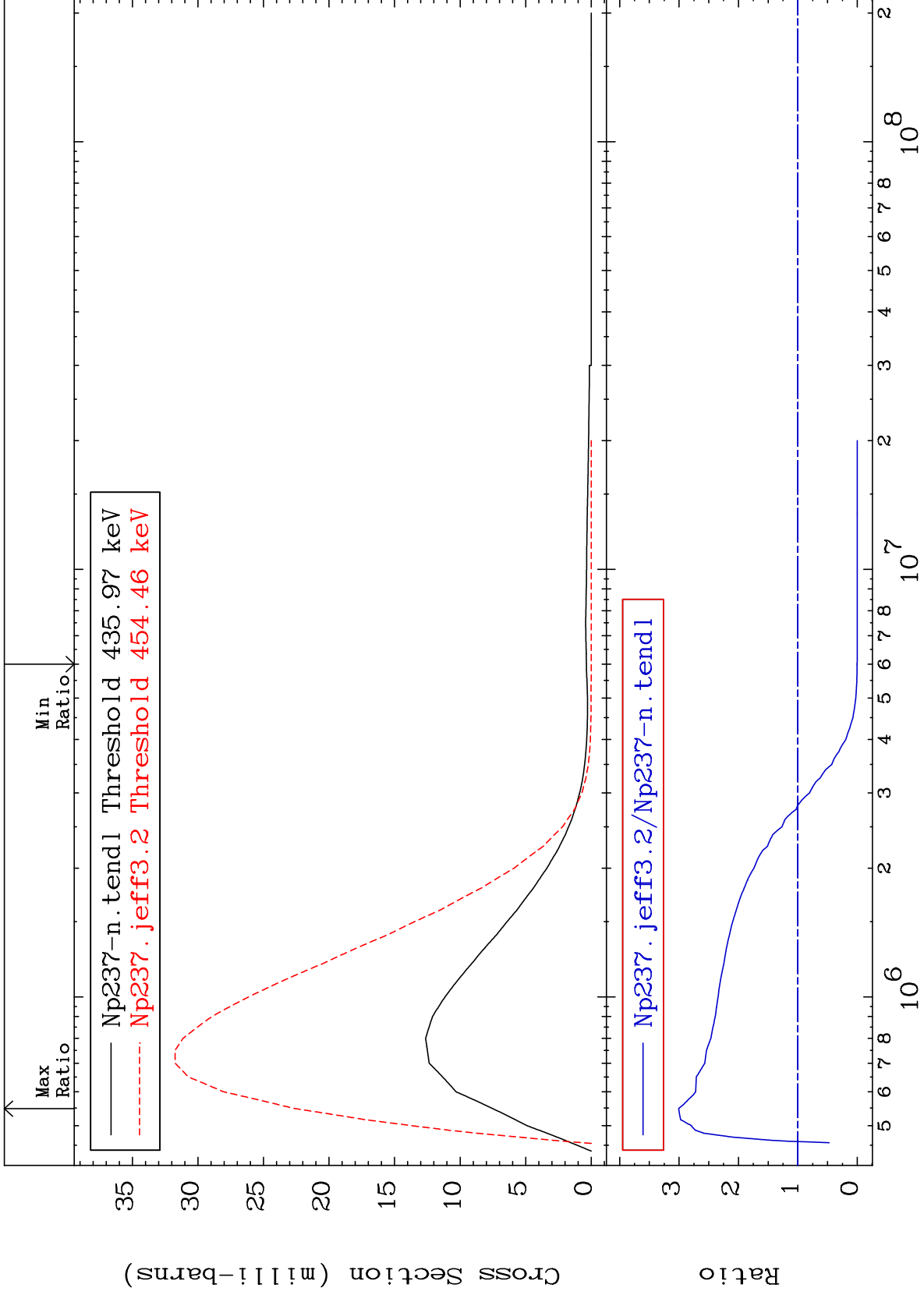
93-Np-237
-100.0 To -18.33%



MAT 9346

434.1 keV (n,n') Level
Cross Section

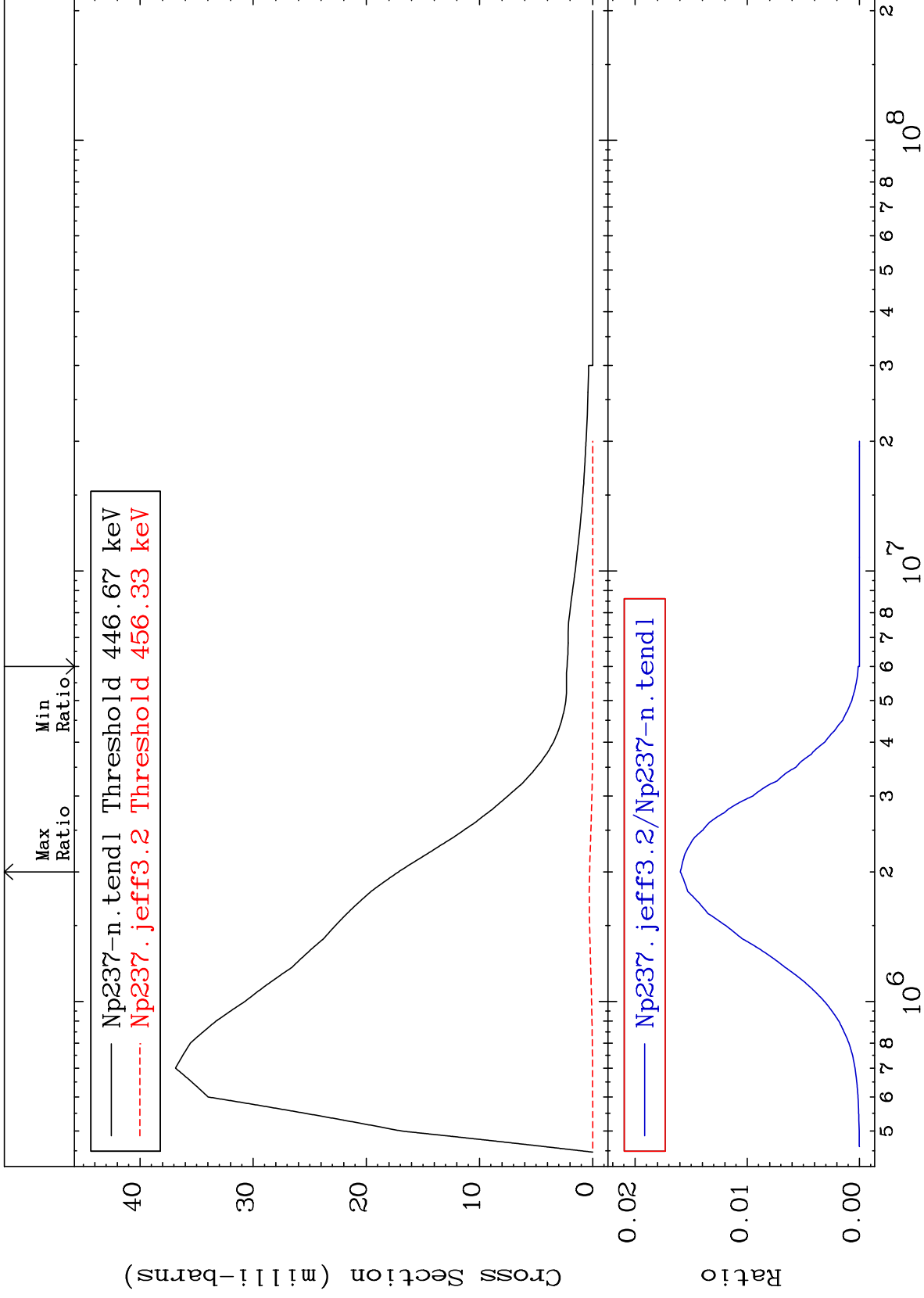
93-Np-237
-100.0 To 200.7 %



MAT 9346

444.8 keV (n,n') Level
Cross Section

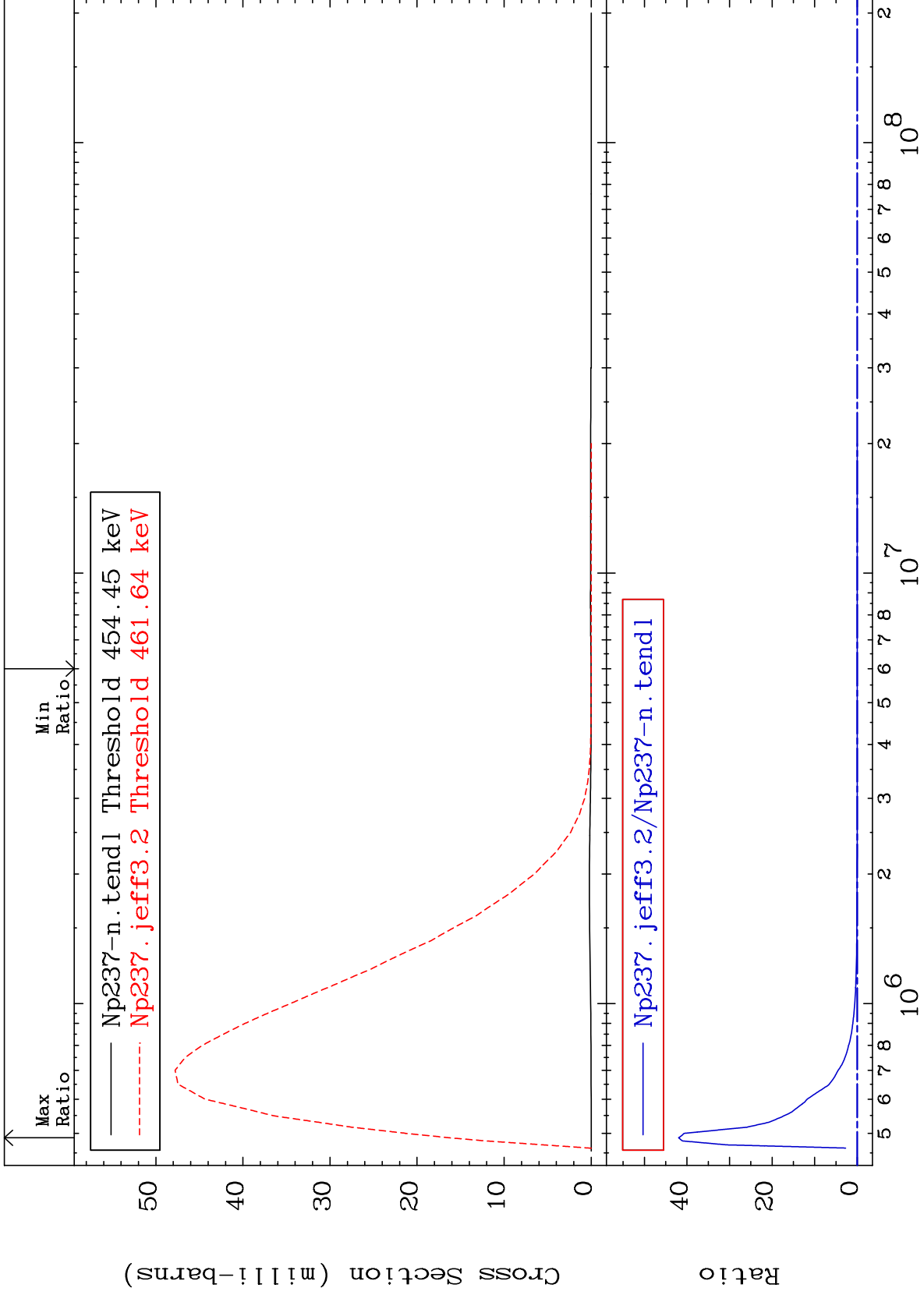
93-Np-237
-100.0 To -98.40%



MAT 9346

452.5 keV (n,n') Level
Cross Section

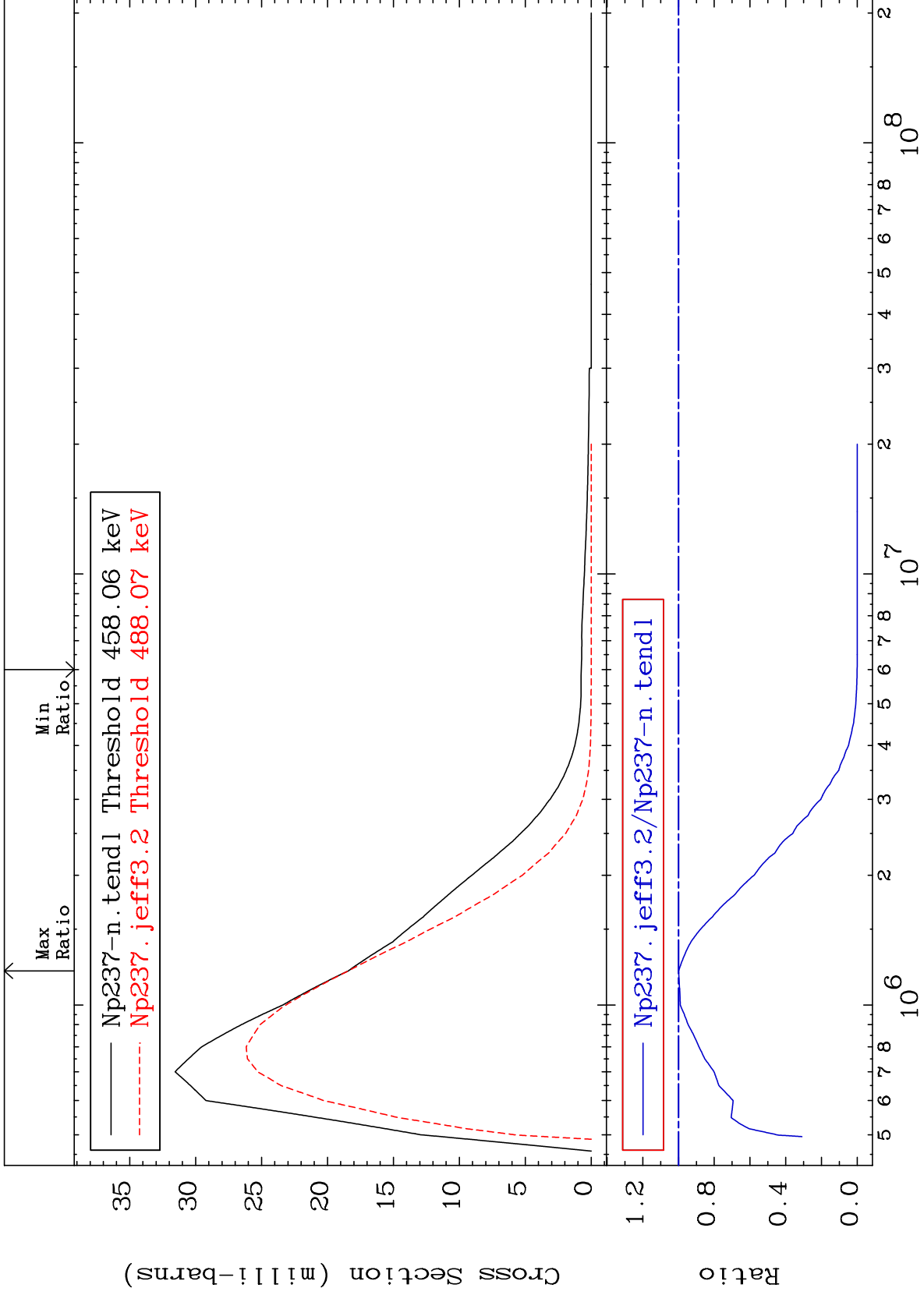
93-Np-237
-100.0 To 9999. %



MAT 9346

456.1 keV (n,n') Level
Cross Section

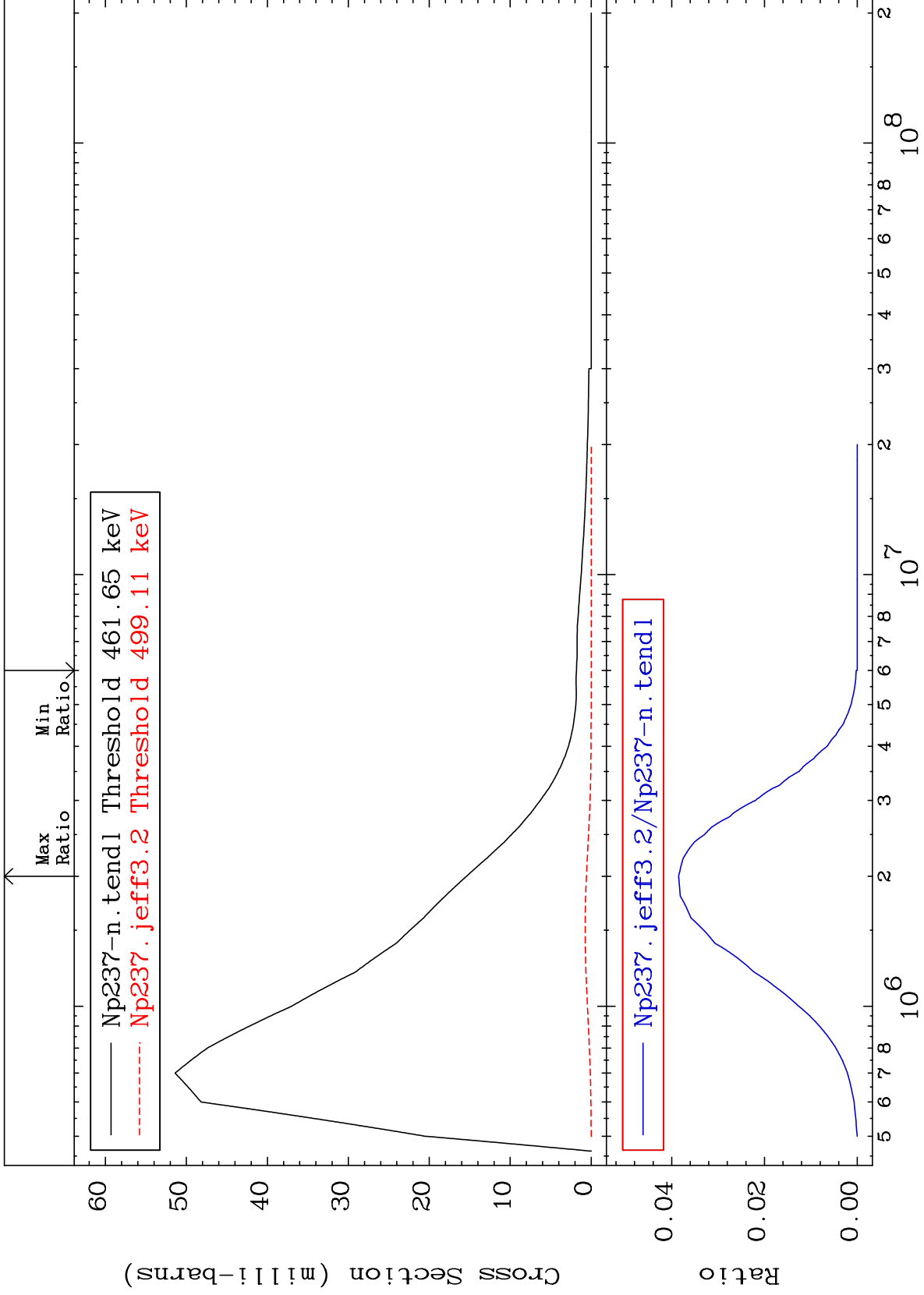
93-Np-237
-100.0 To -0.071%



MAT 9346

459.7 keV (n,n') Level
Cross Section

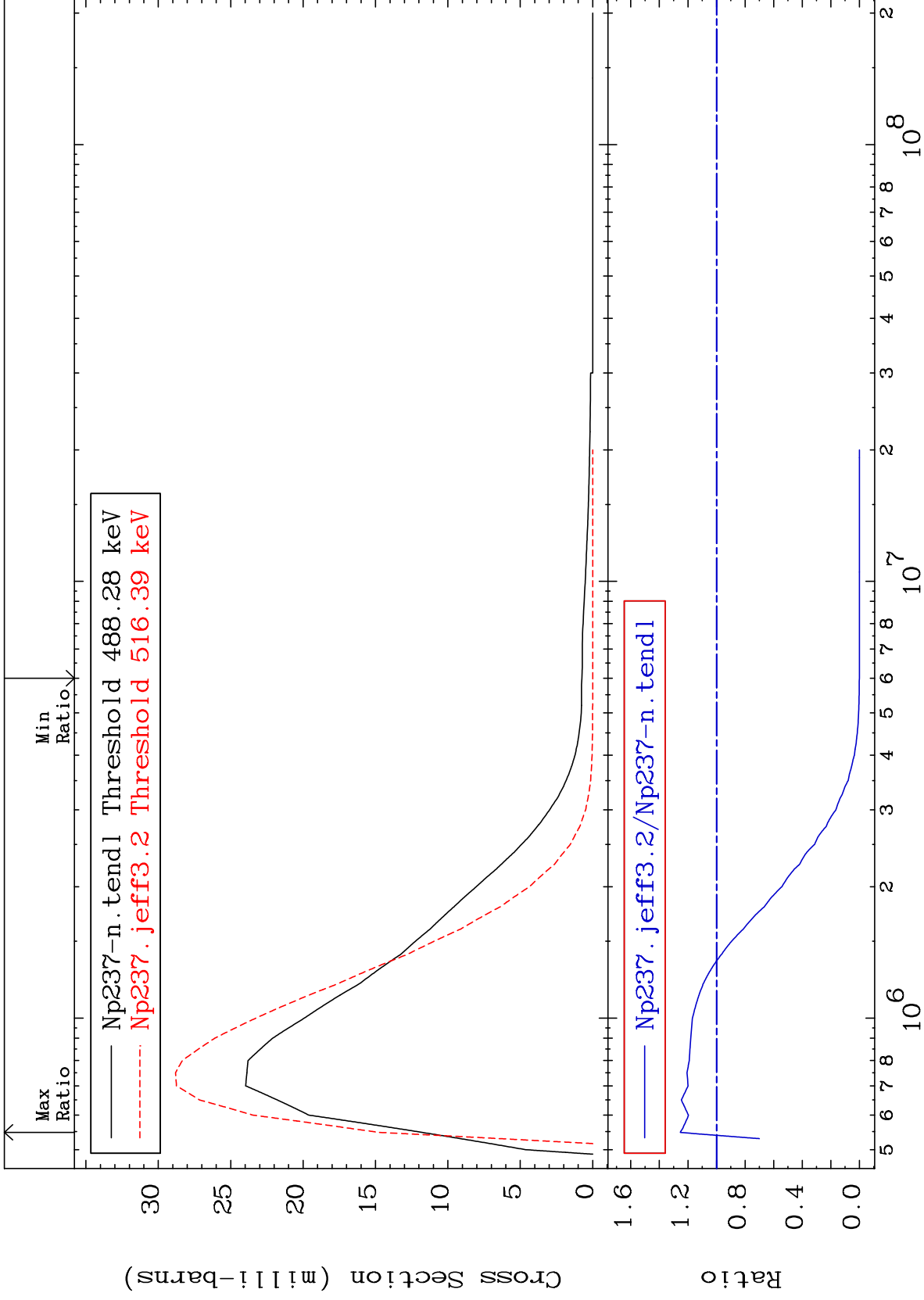
93-Np-237
-100.0 To -96.15%



MAT 9346

486.2 keV (n,n') Level
Cross Section

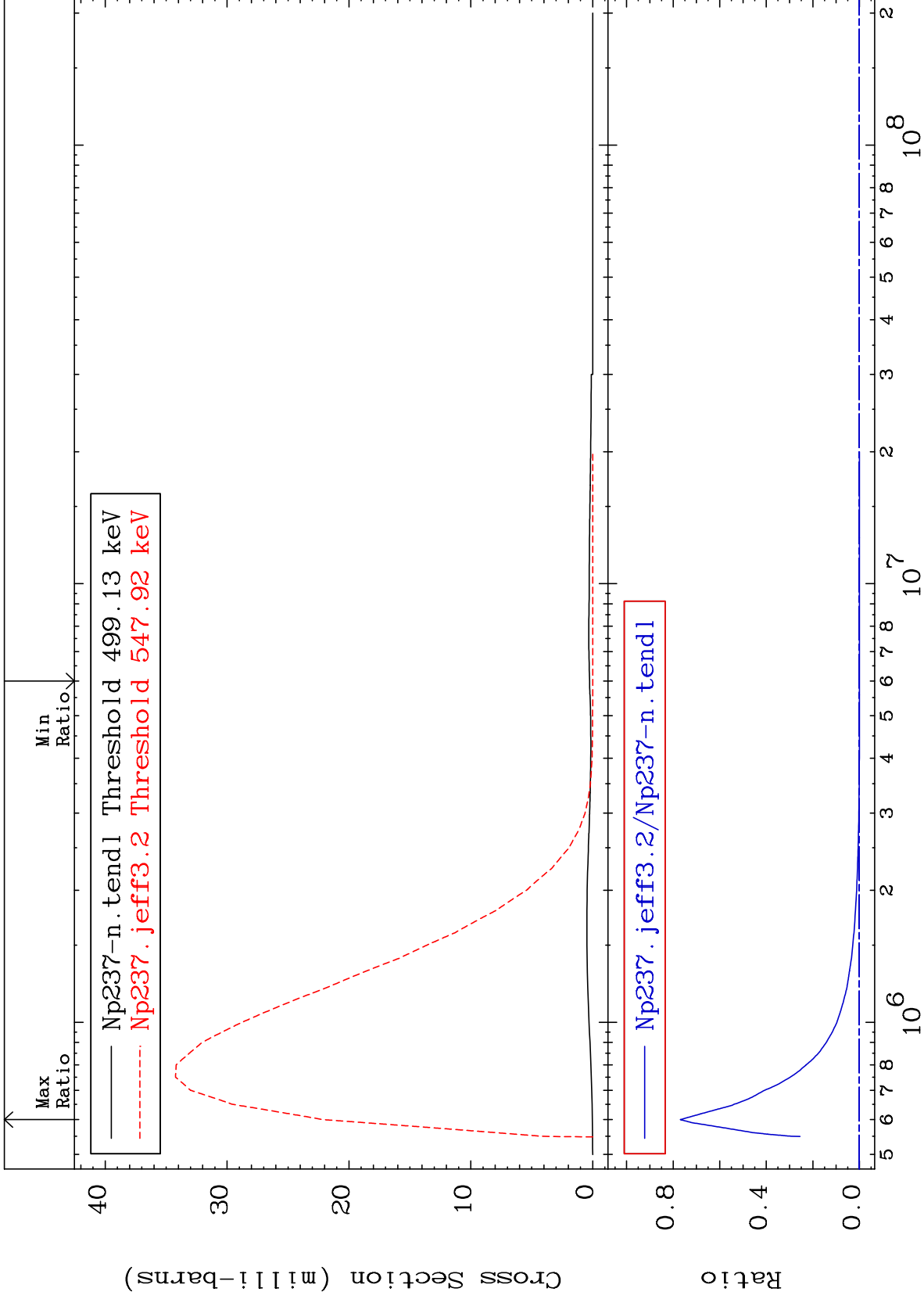
93-Np-237
-100.0 To 25.30 %



MAT 9346

497.0 keV (n,n') Level
Cross Section

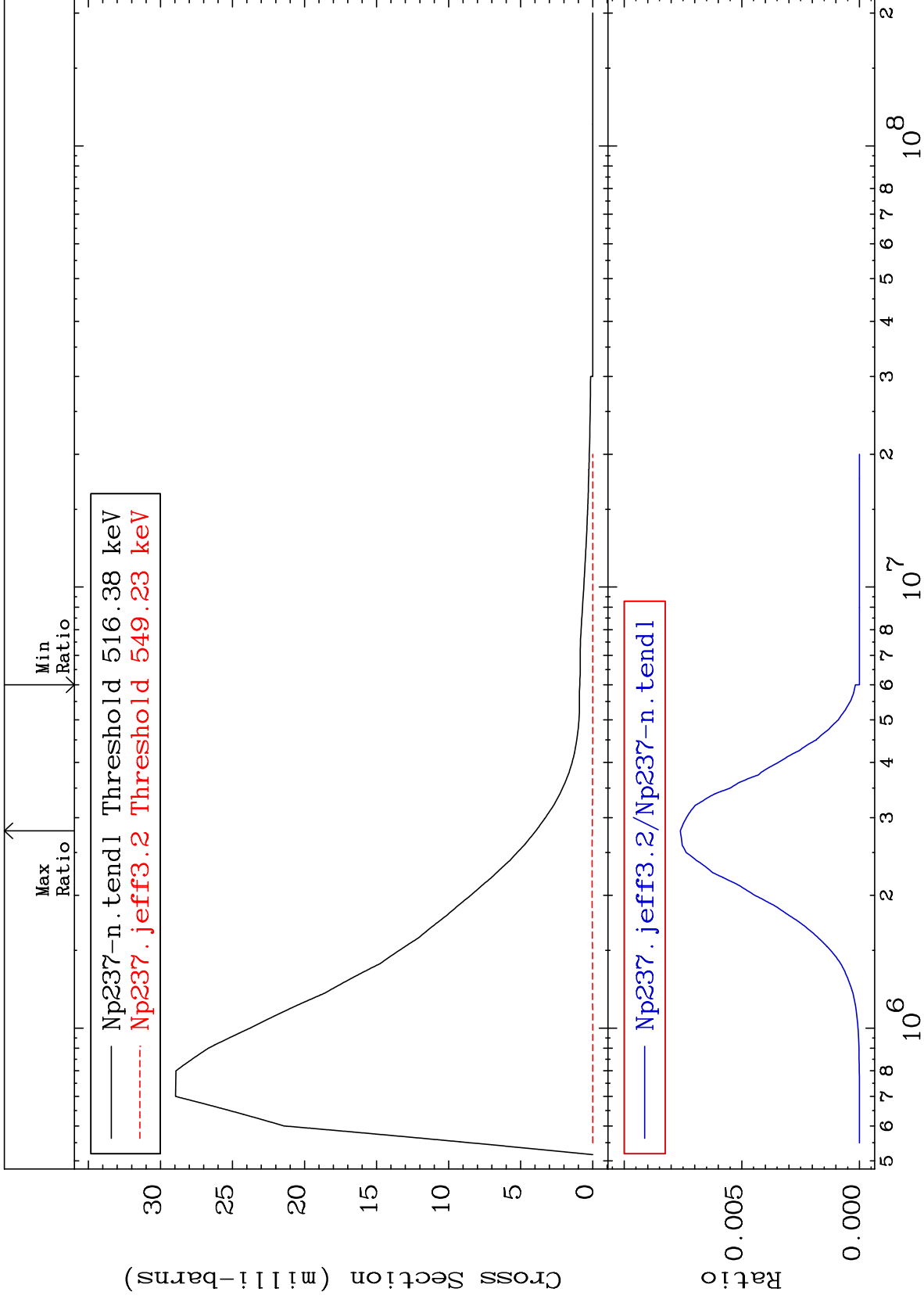
93-Np-237
-100.0 To 9999. %



MAT 9346

514.2 keV (n,n') Level
Cross Section

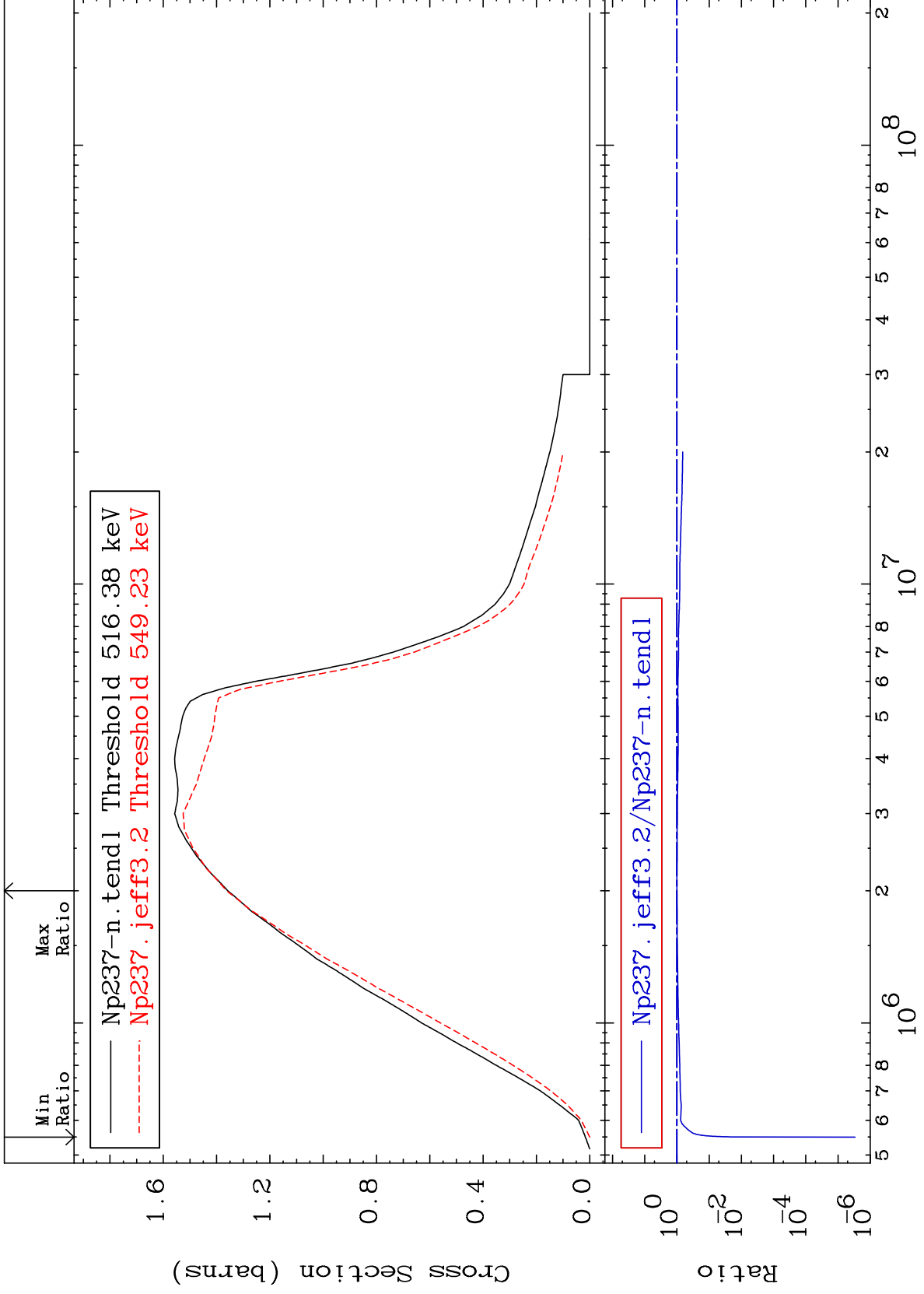
93-Np-237
-100.0 To -99.24%



MAT 9346

(n, n') Continuum
Cross Section

93-Np-237
-100.0 To 0.321 %



40

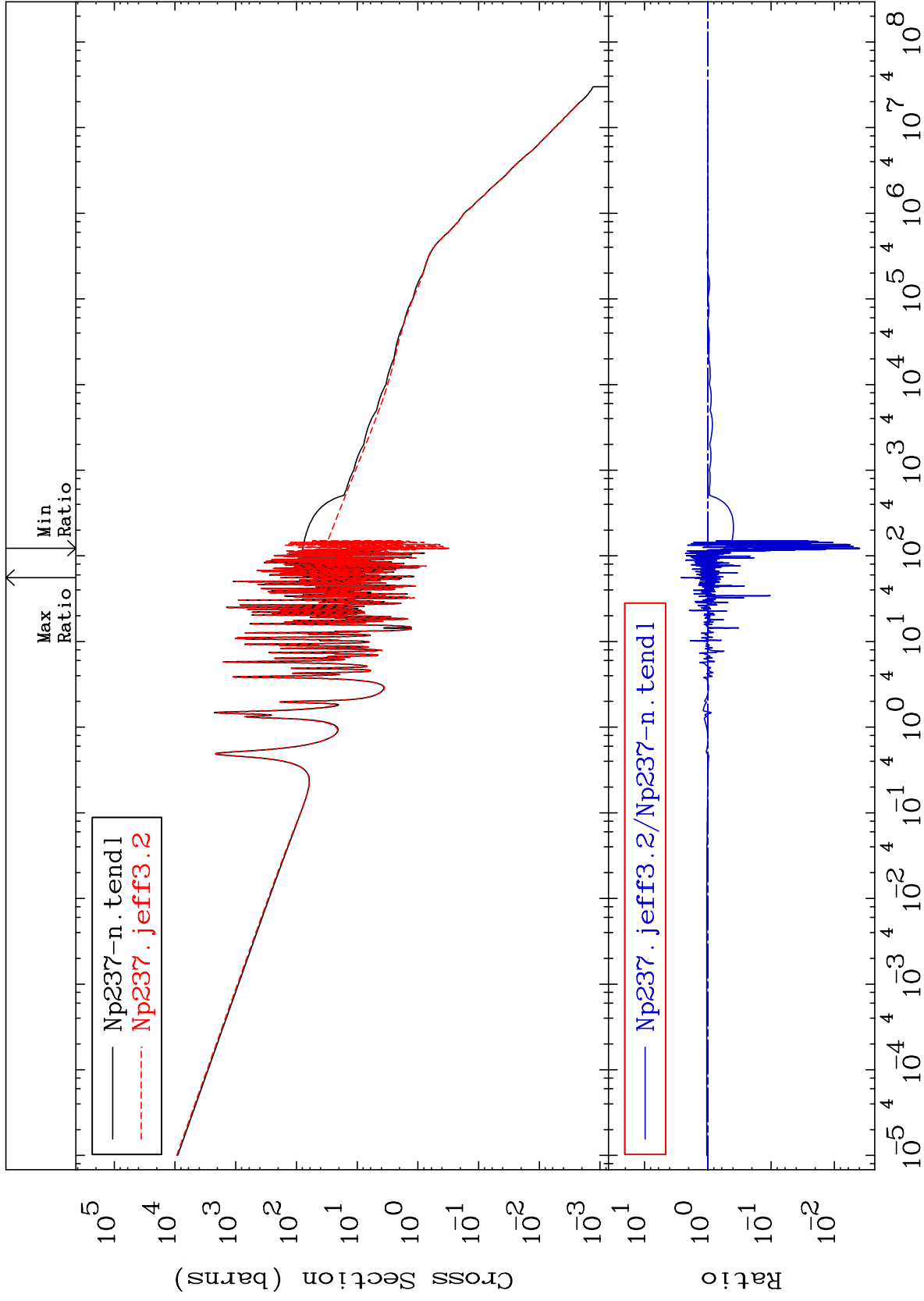
Incident Energy (eV)

93-Np-237

MAT 9346

(n, γ)
Cross Section

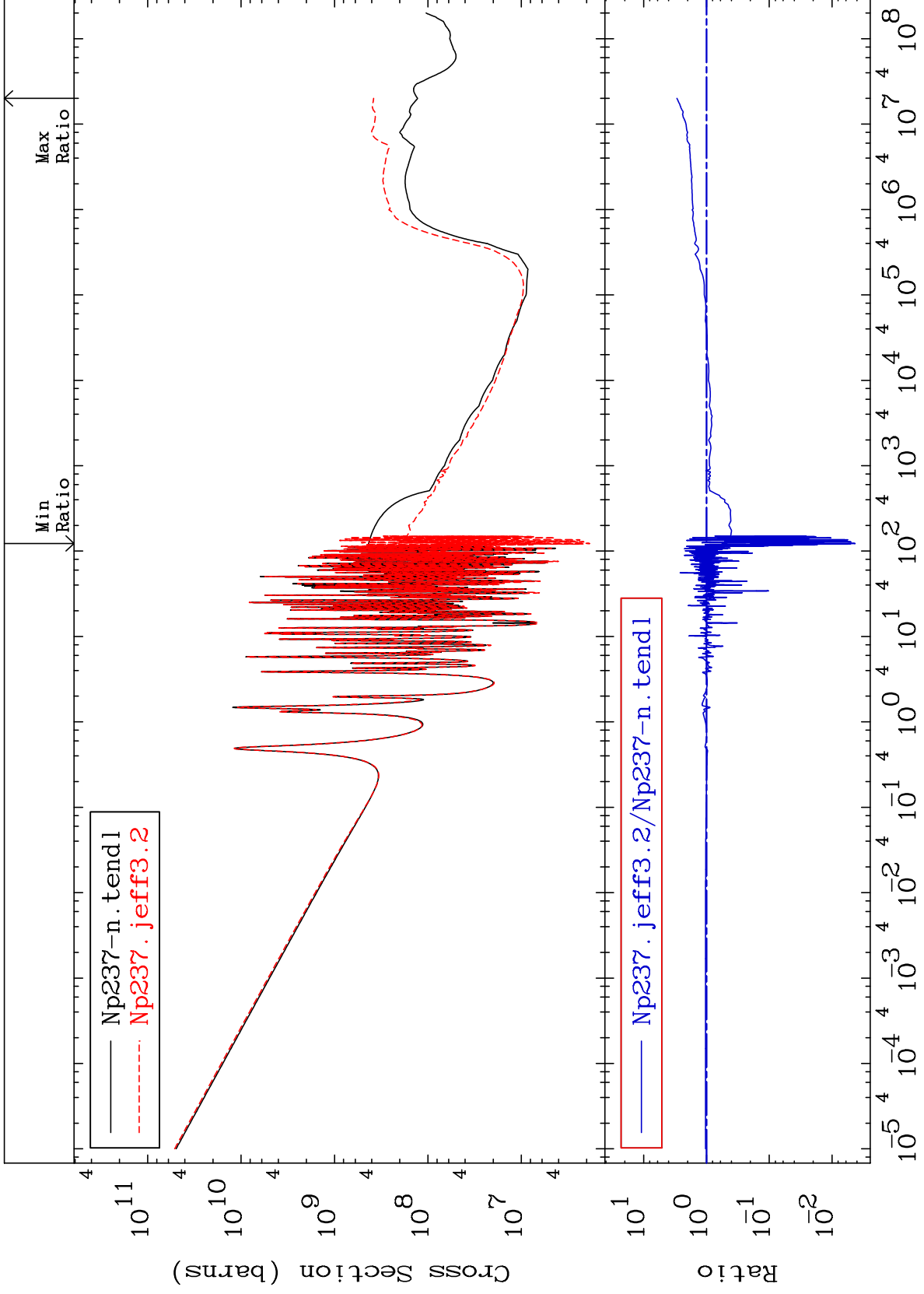
93-Np-237
-99.60 To 166.7 %



MAT 9346

Kerma total (eV-barns)
Cross Section

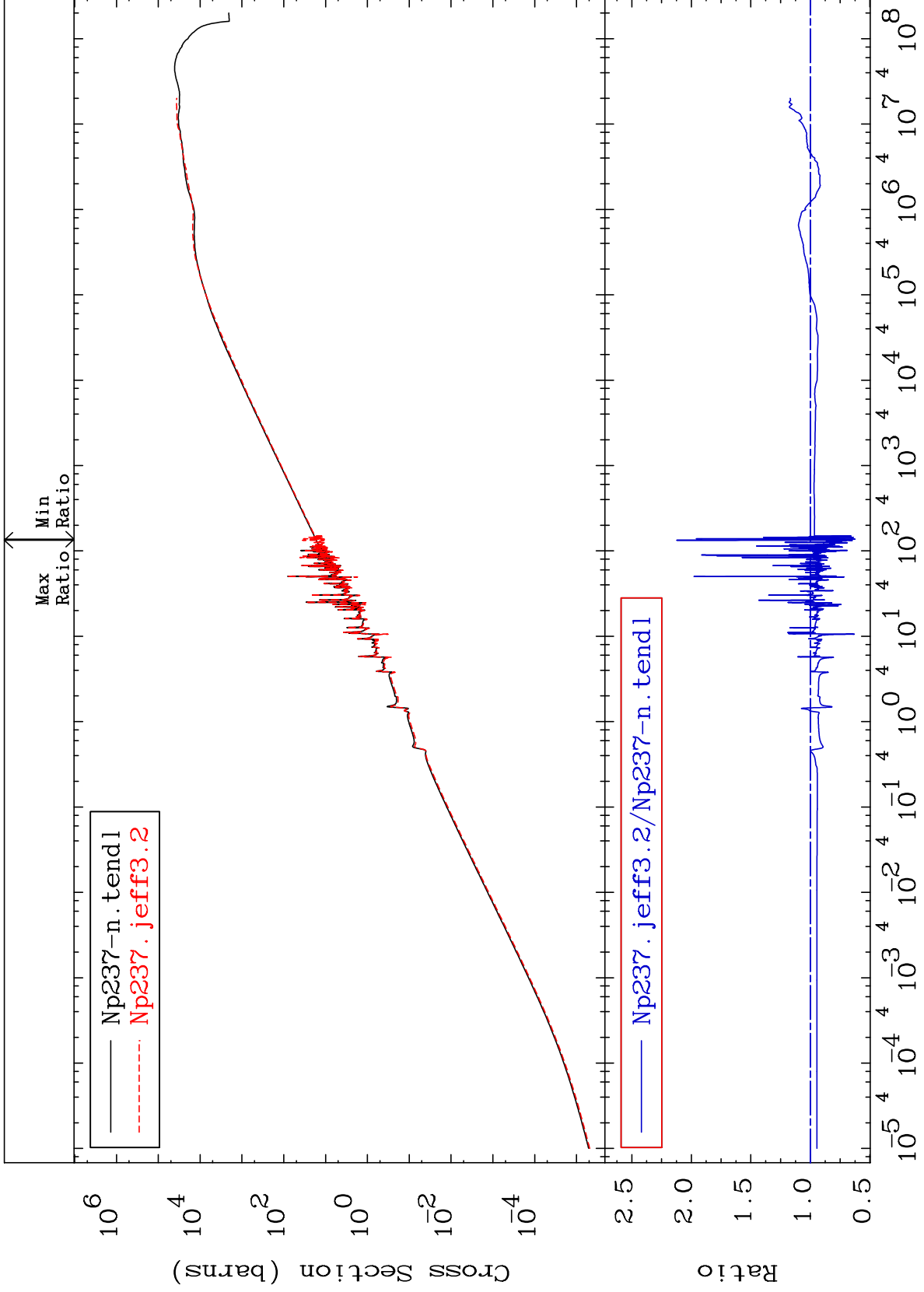
93-Np-237
-99.57 To 195.7 %

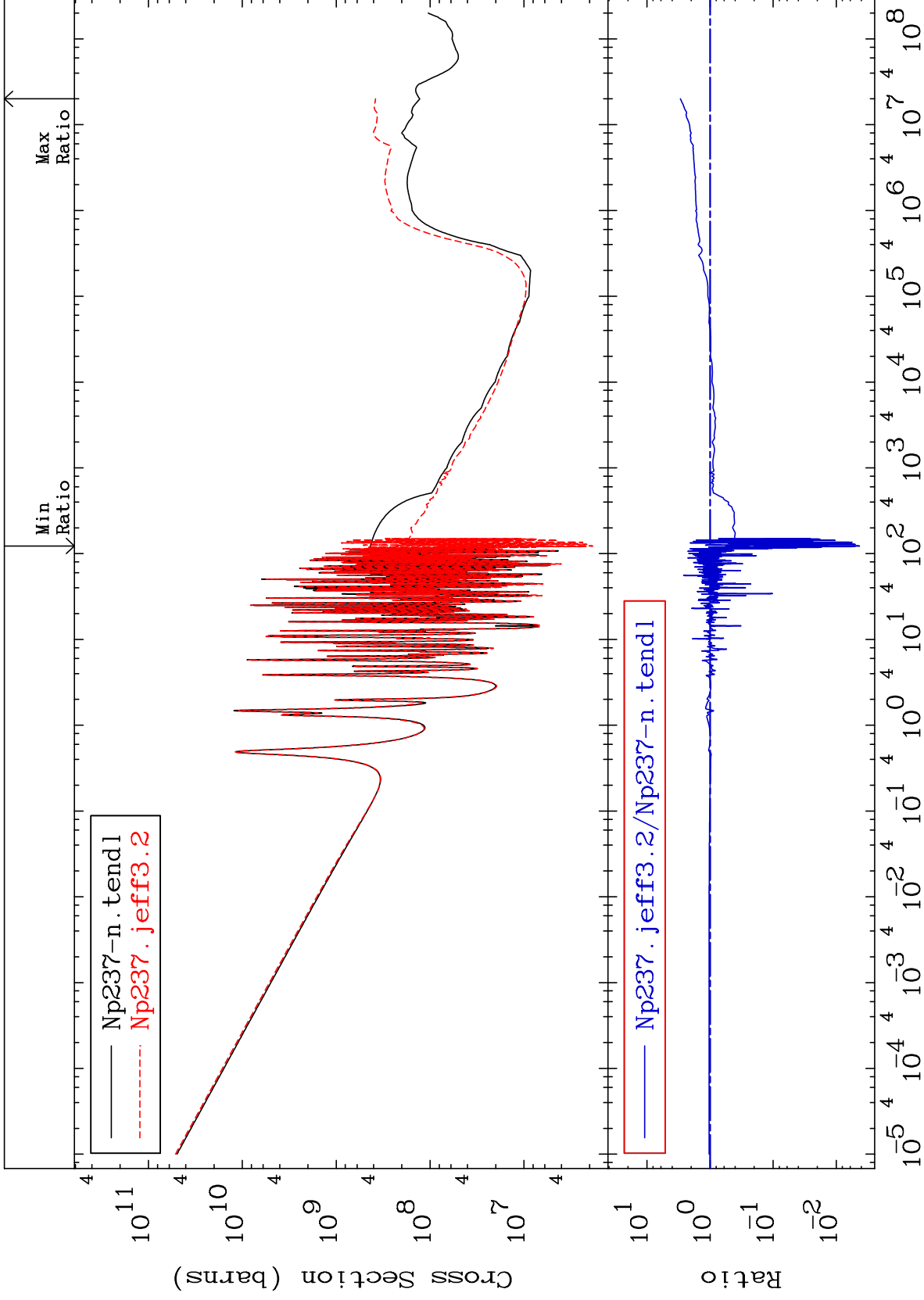


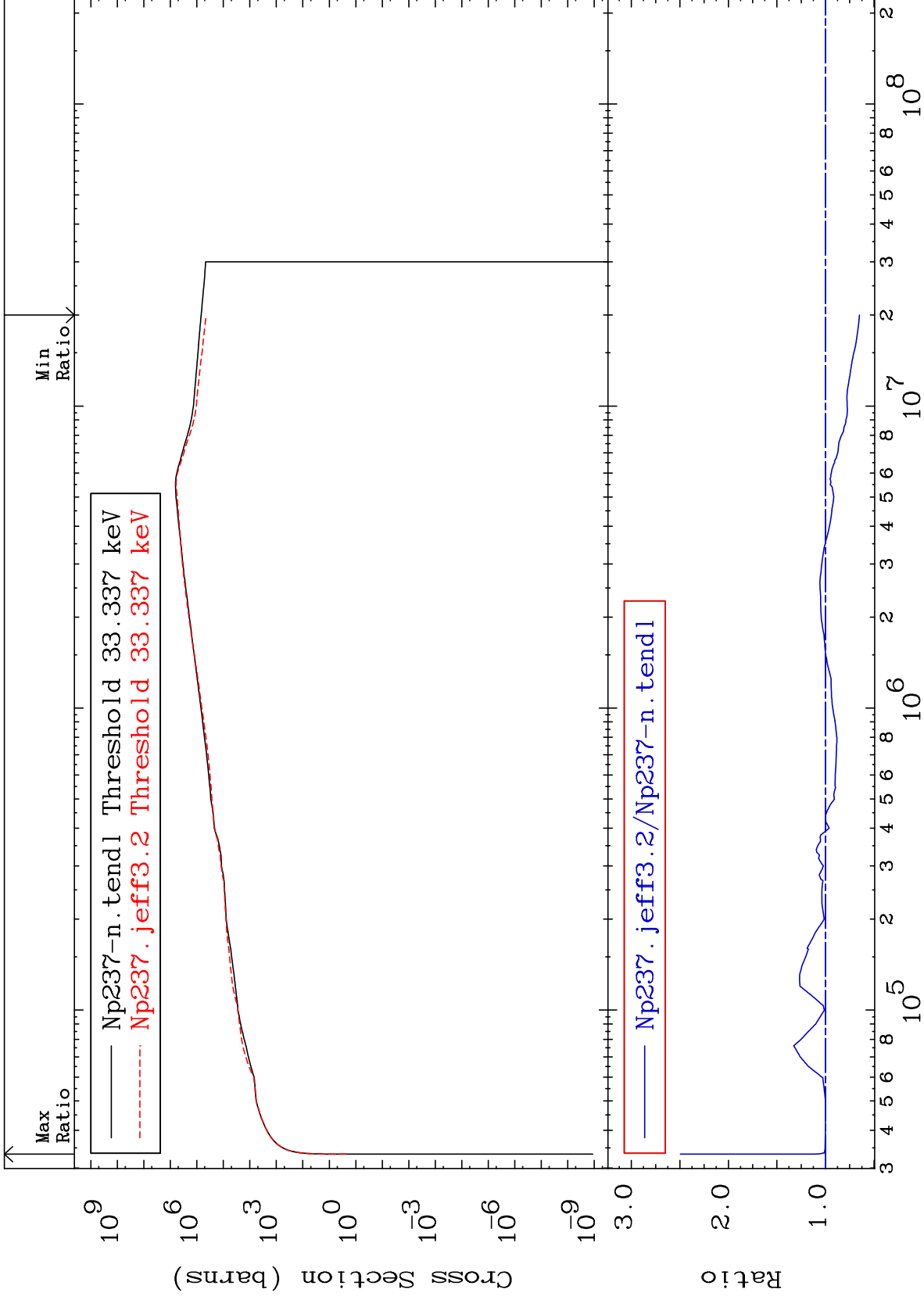
MAT 9346

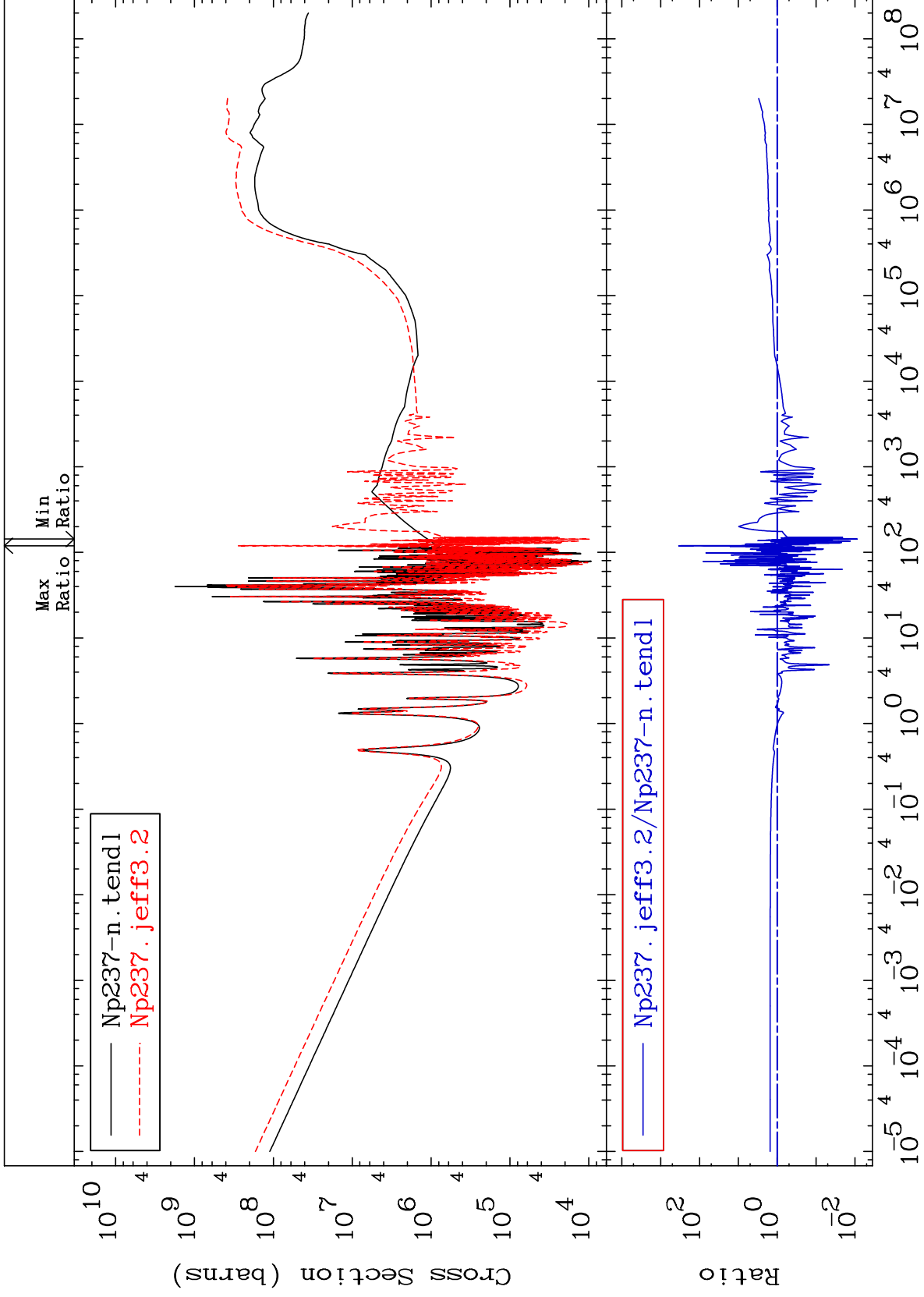
Kerma elastic
Cross Section

93-Np-237
-37.58 To 112.1 %





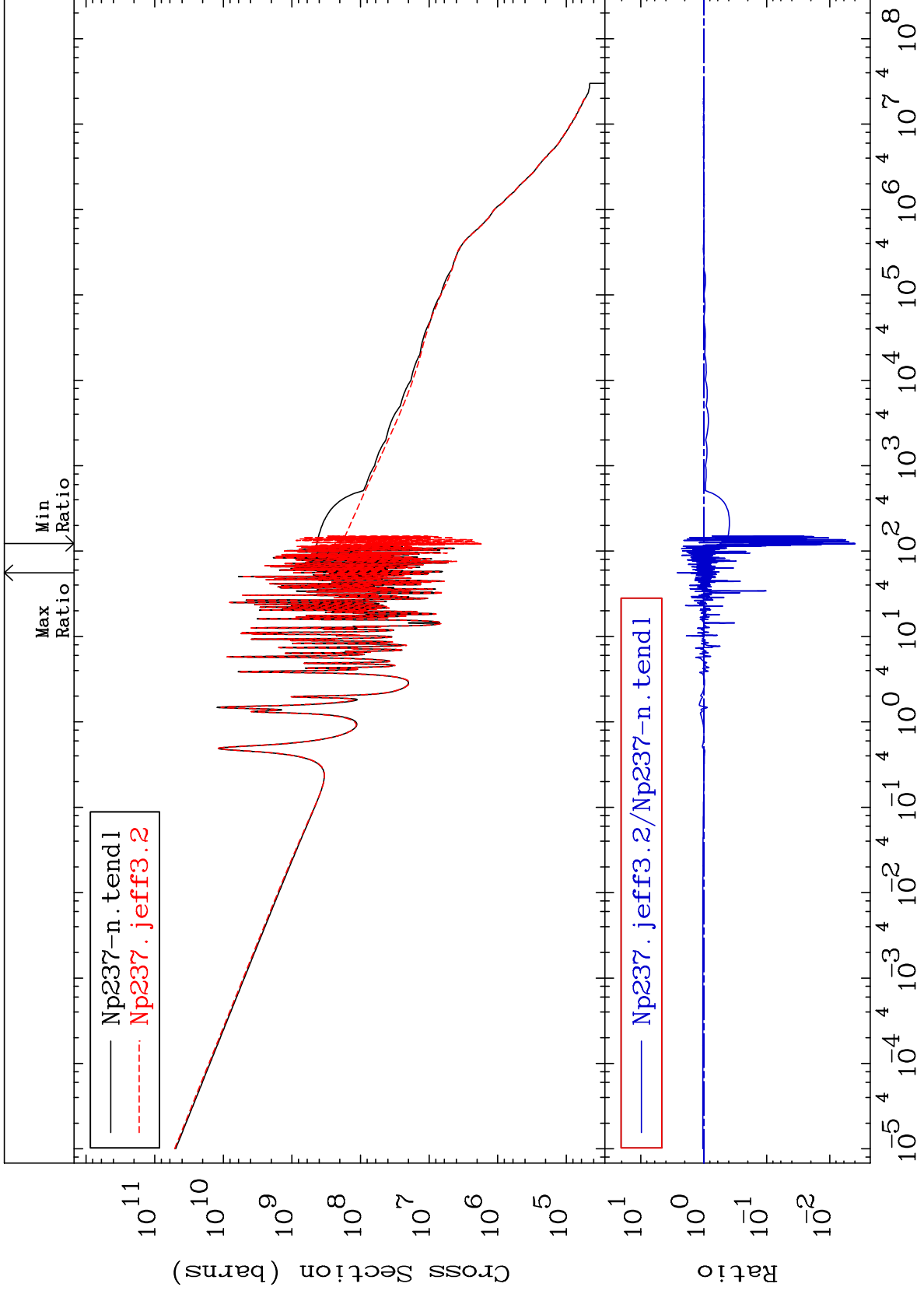


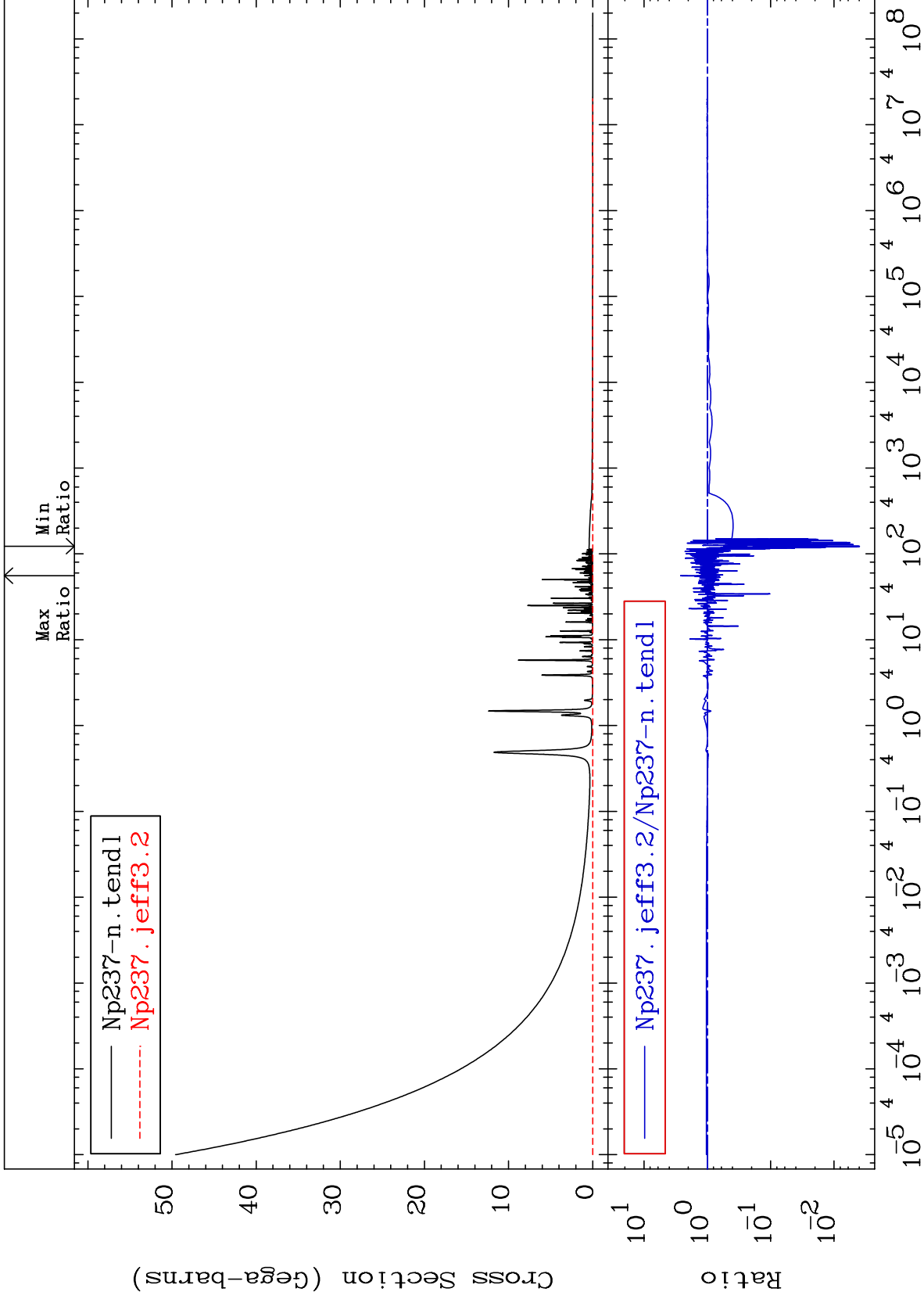


MAT 9346

Kerma capture (mt102)
Cross Section

93-Np-237
-99.60 To 166.4 %

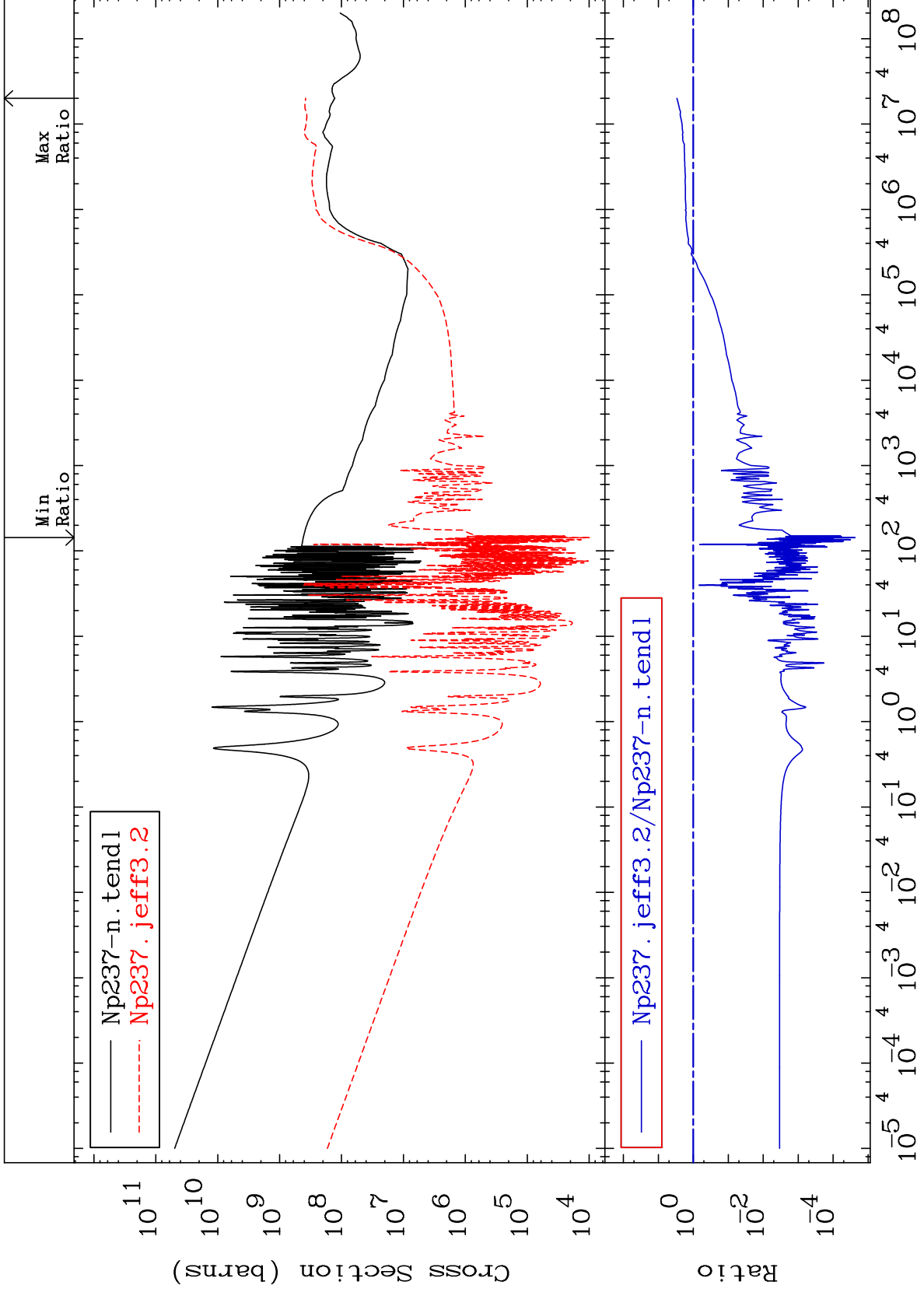




MAT 9346

Total kinematic kerma (high limit)
Cross Section

93-Np-237
-100.0 To 195.1 %



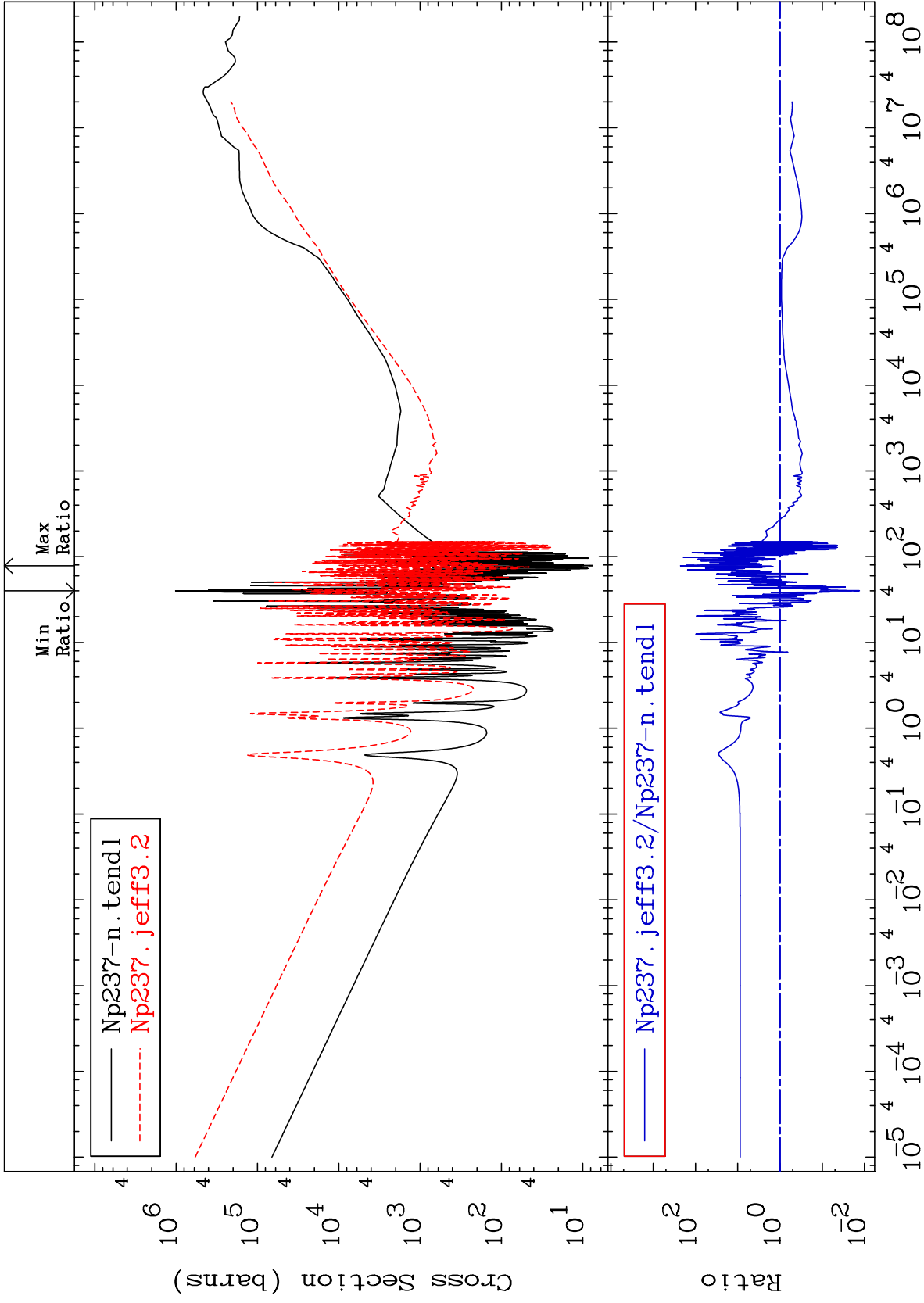
MAT 9346

Dpa total (eV-barns)

93-Np-237

-98.68 To 9999. %

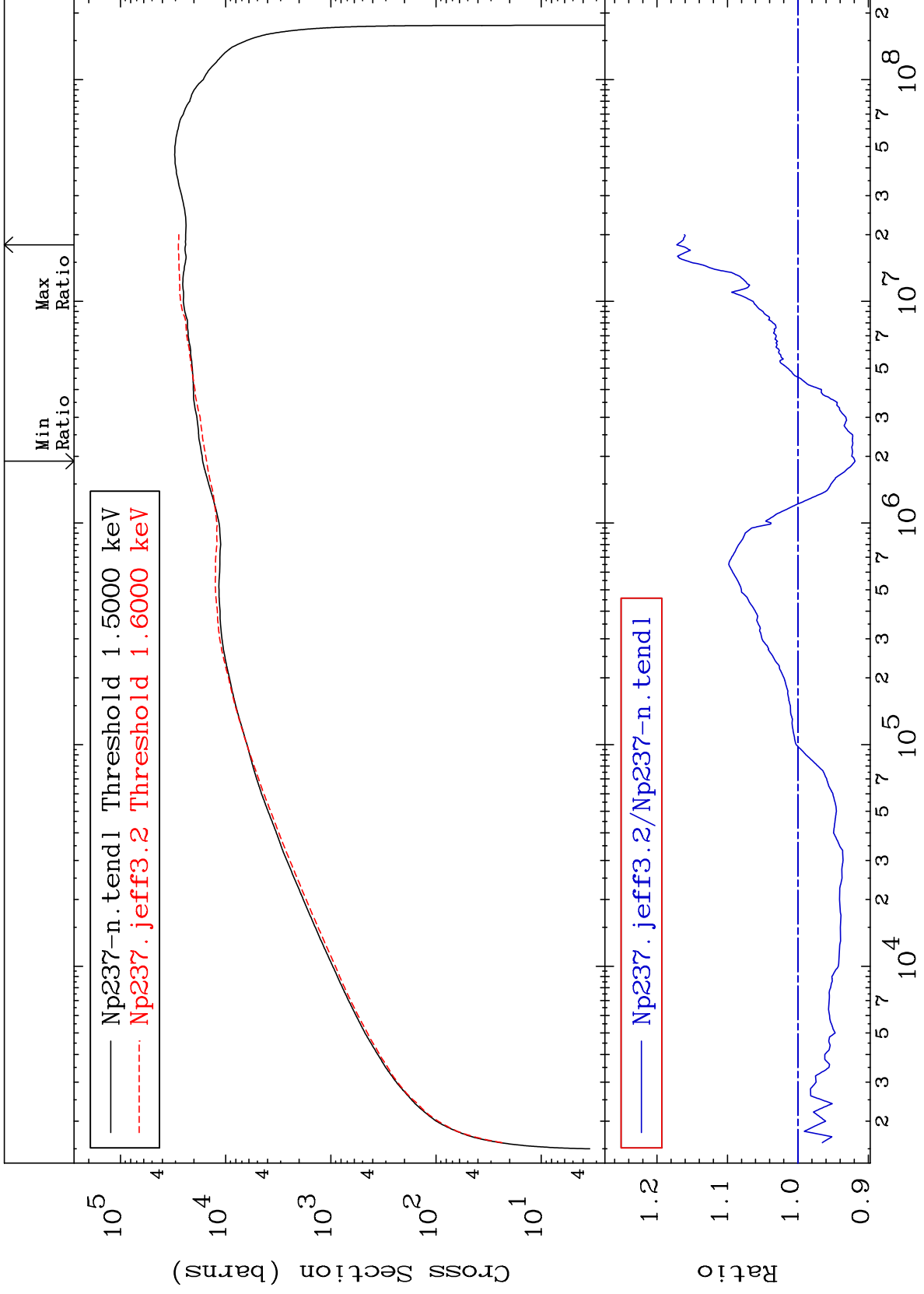
Cross Section



MAT 9346

Dpa elastic (mt2)
Cross Section

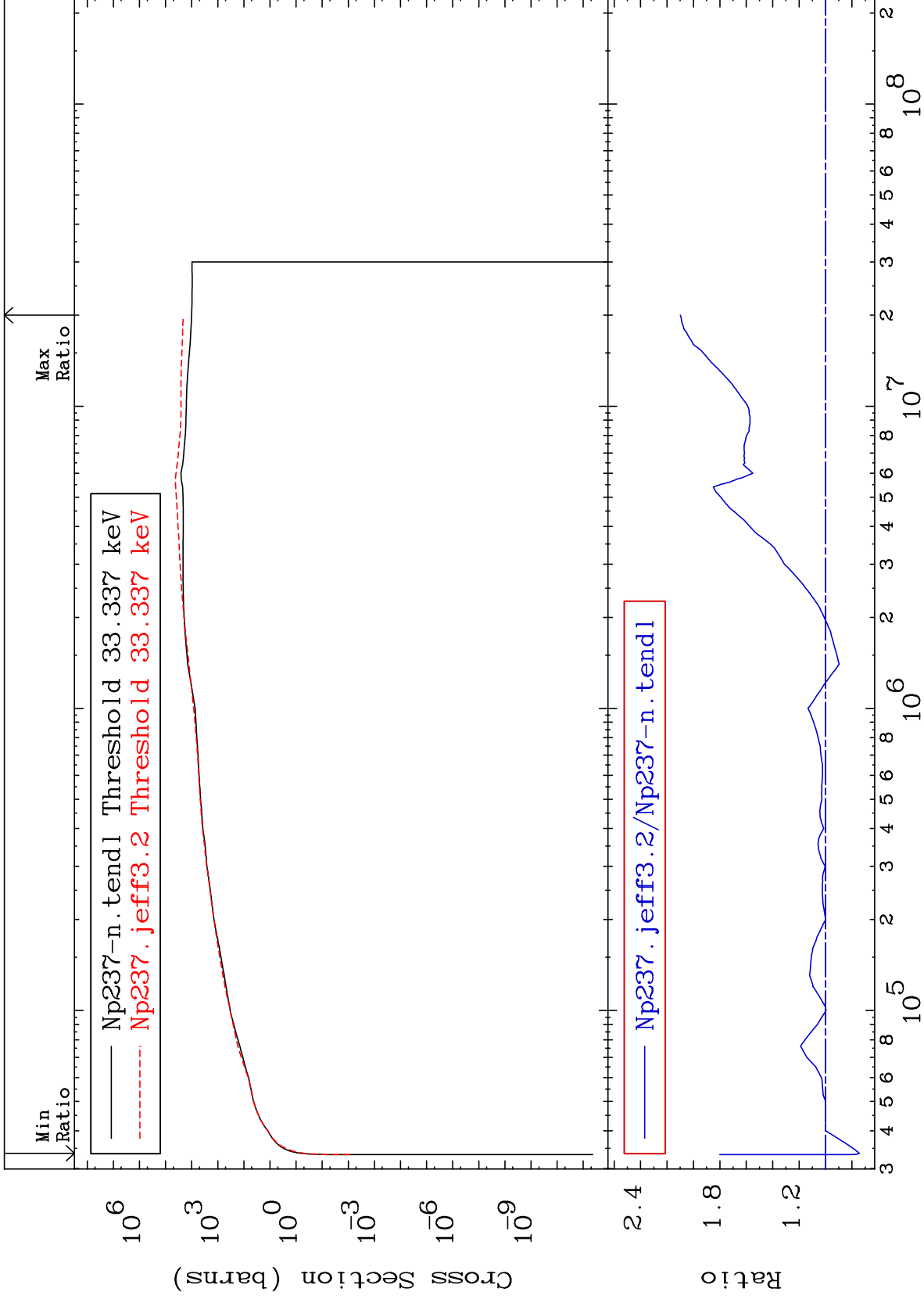
93-Np-237
-8.115 To 17.16 %



MAT 9346

Dpa inelastic (mt51-91)
Cross Section

93-Np-237
-25.63 To 109.9 %



MAT 9346

Dpa disappearance (mt102 -120)
Cross Section

93-Np-237
-93.69 To 9999. %

