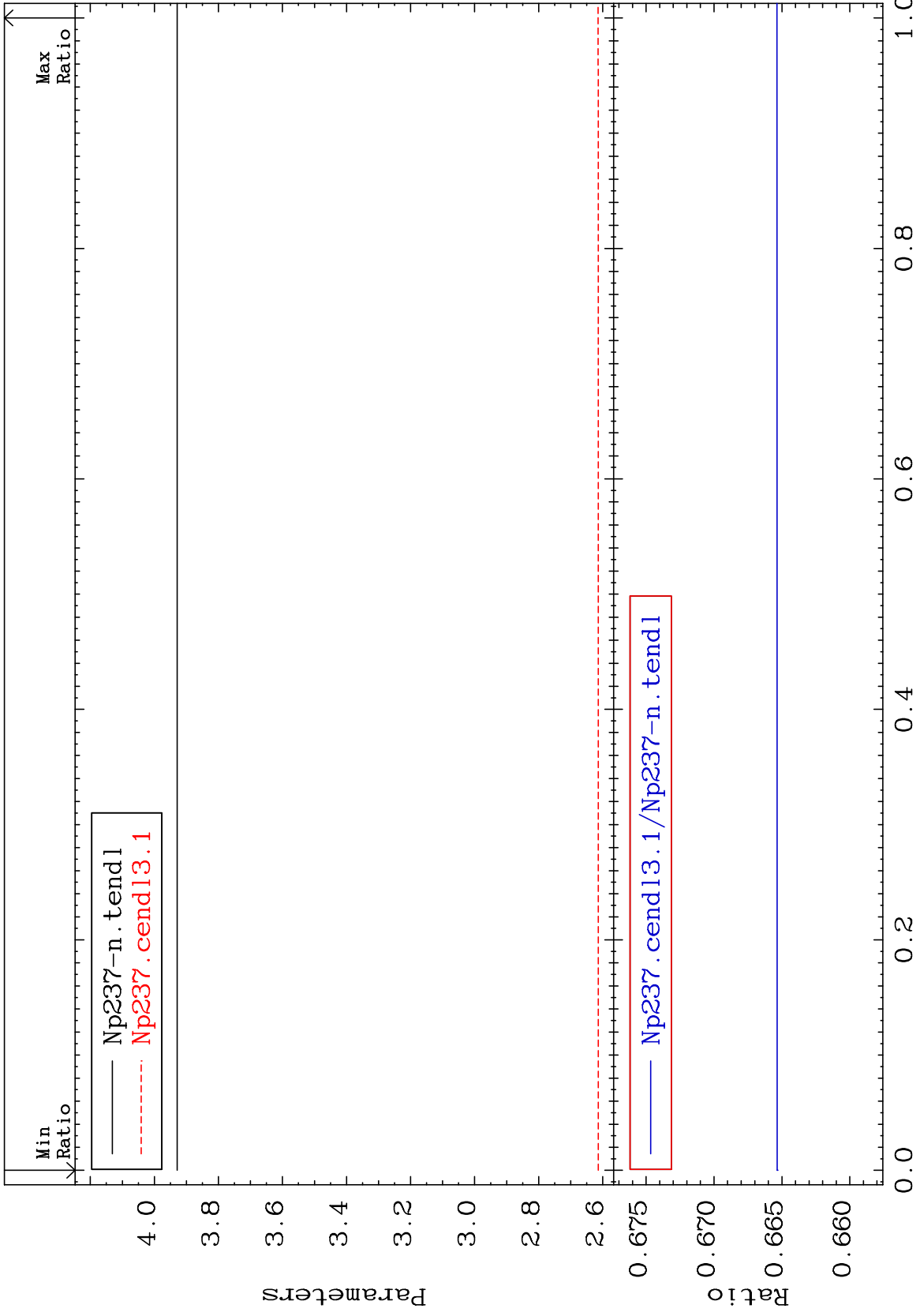


MAT 9346

Total  $\bar{\nu}$   
Parameters

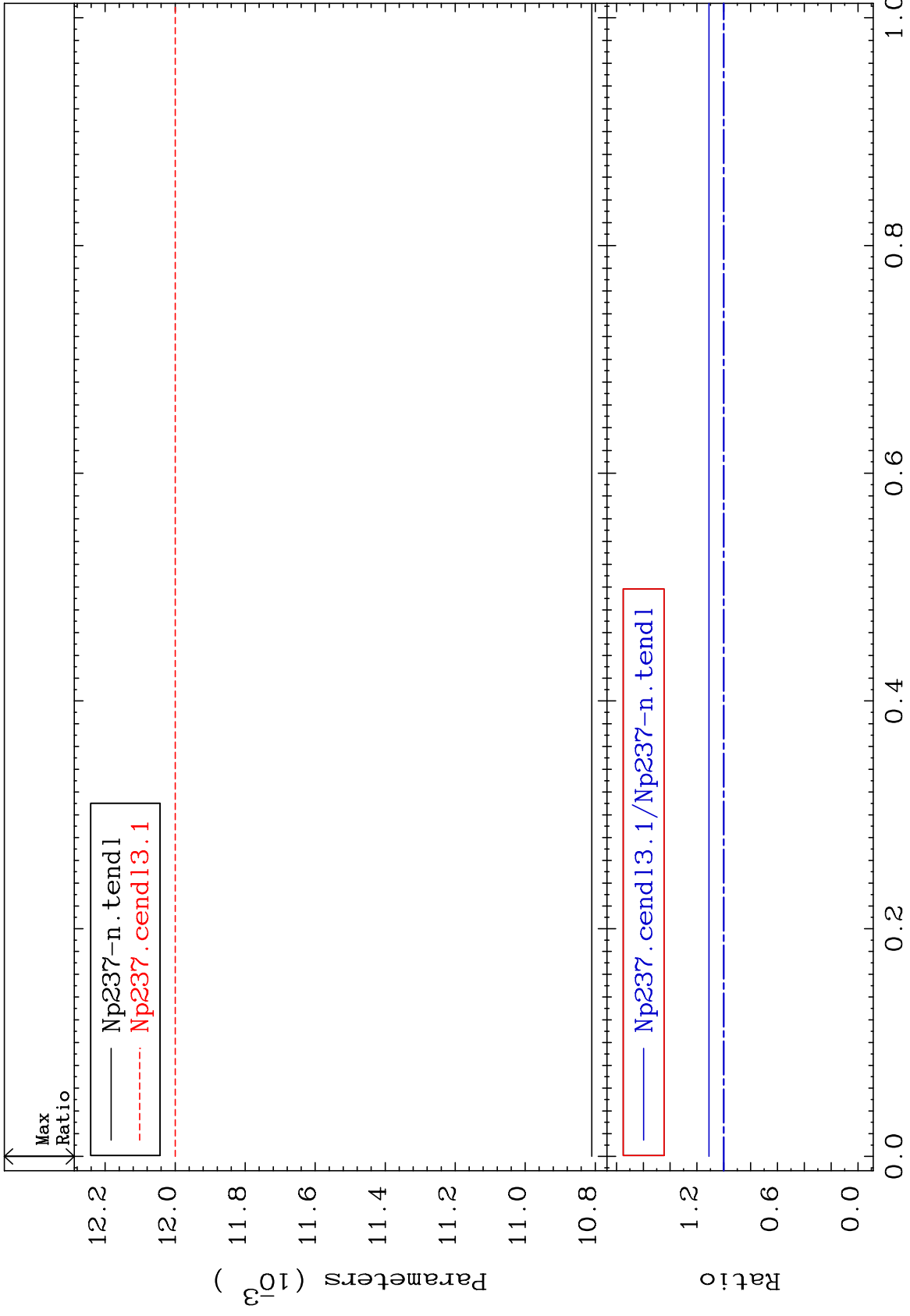
93-Np-237  
-33.47 To -33.46%



MAT 9346

Delayed  $\bar{\nu}$   
Parameters

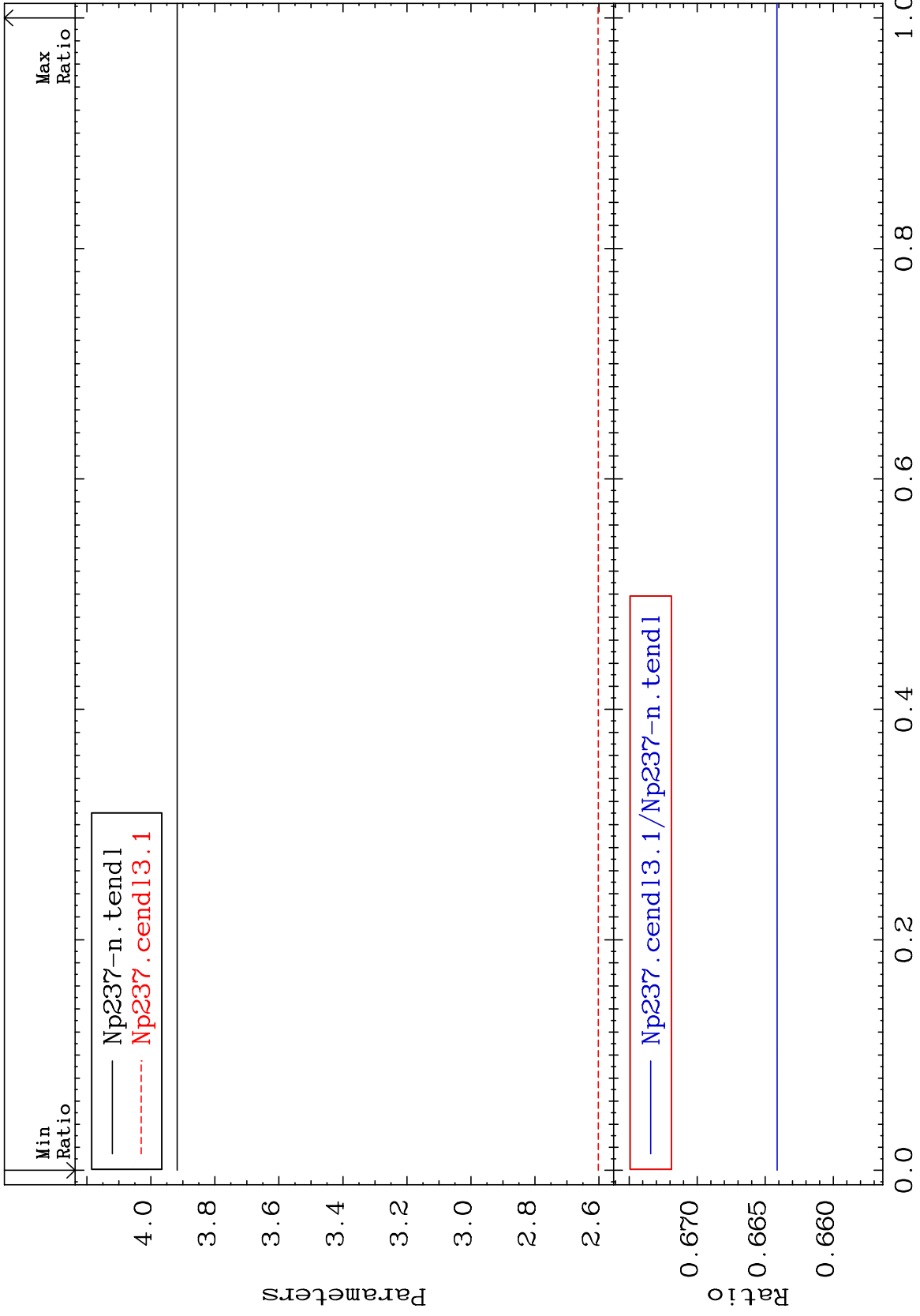
93-Np-237  
11.01 To 11.01 %



2

Incident Energy (KeV)

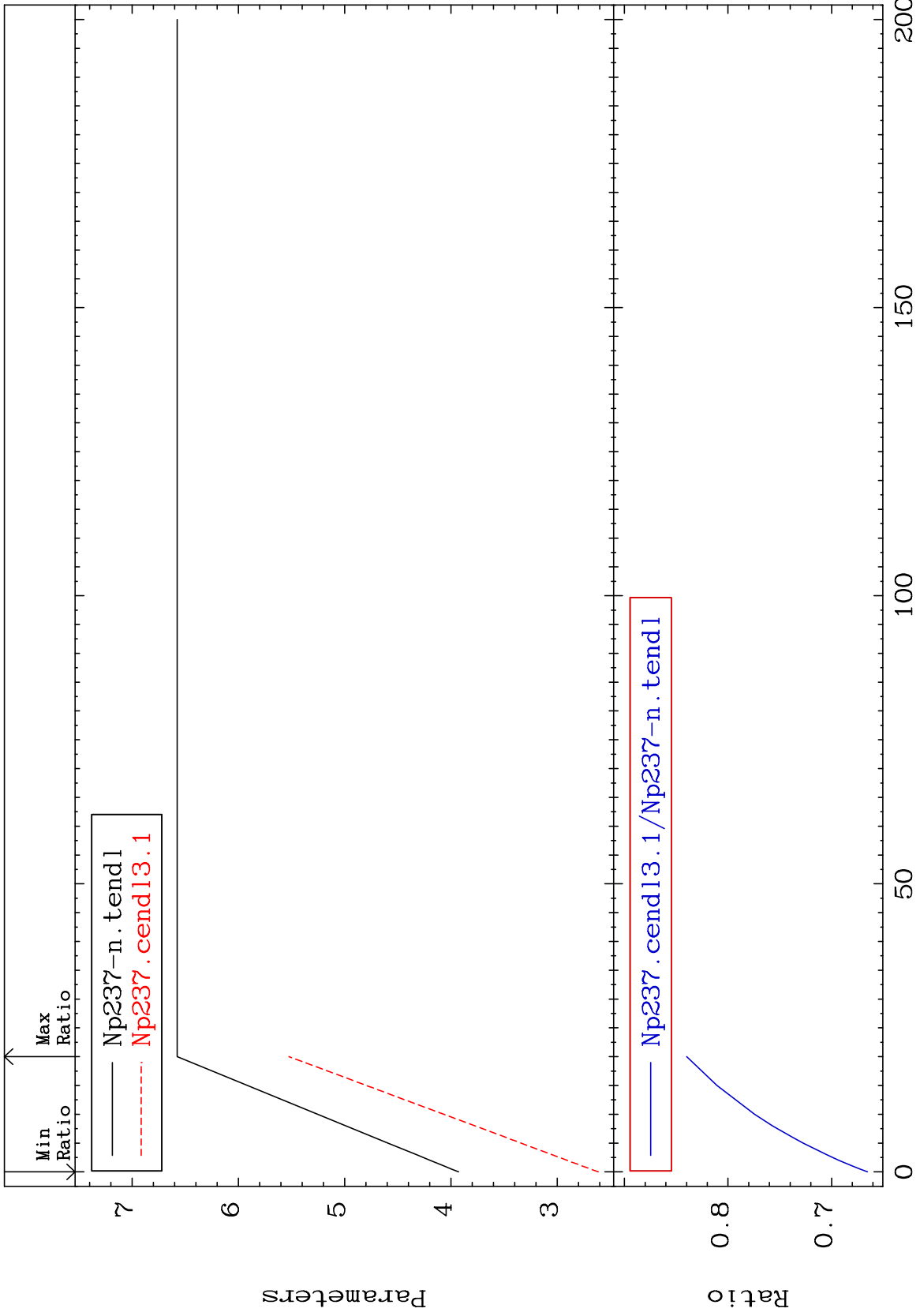
93-Np-237



MAT 9346

Total  $\bar{\nu}$   
Parameters

93-Np-237  
-33.47 To -16.01%



1

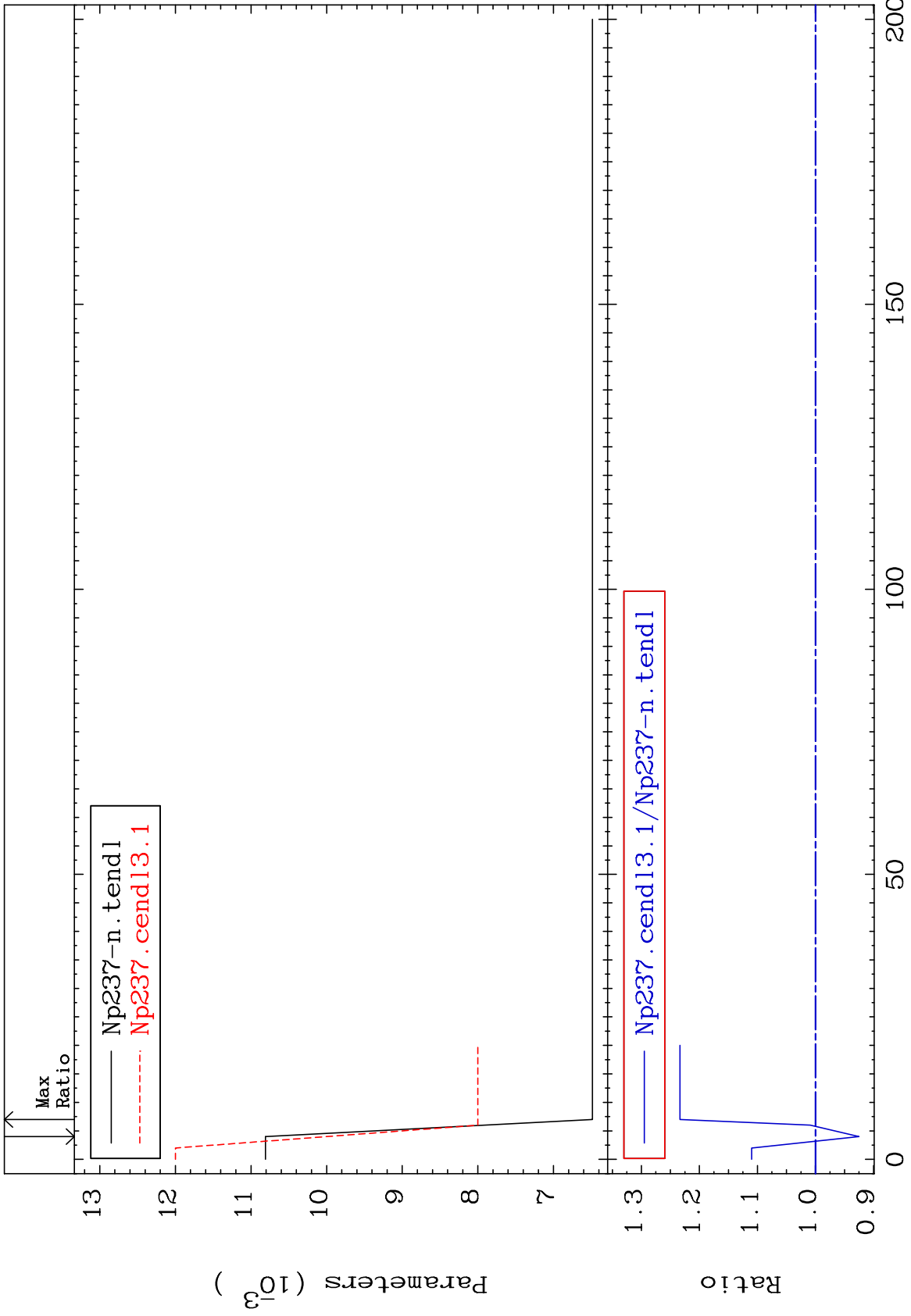
Incident Energy (MeV)

93-Np-237

MAT 9346

Delayed  $\bar{\nu}$   
Parameters

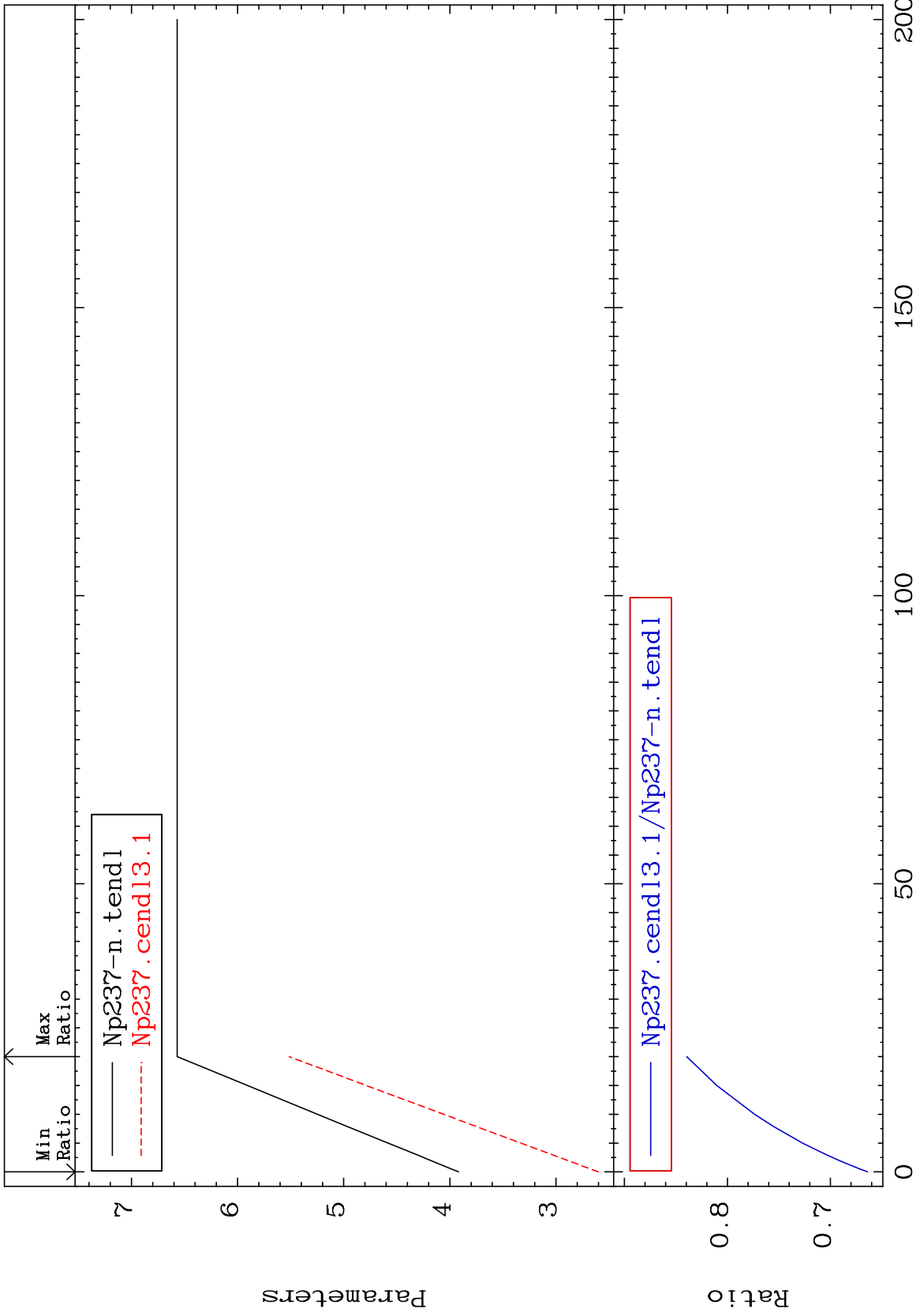
93-Np-237  
-7.493 To 23.34 %



MAT 9346

Prompt  $\bar{\nu}$   
Parameters

93-Np-237  
-33.59 To -16.05%



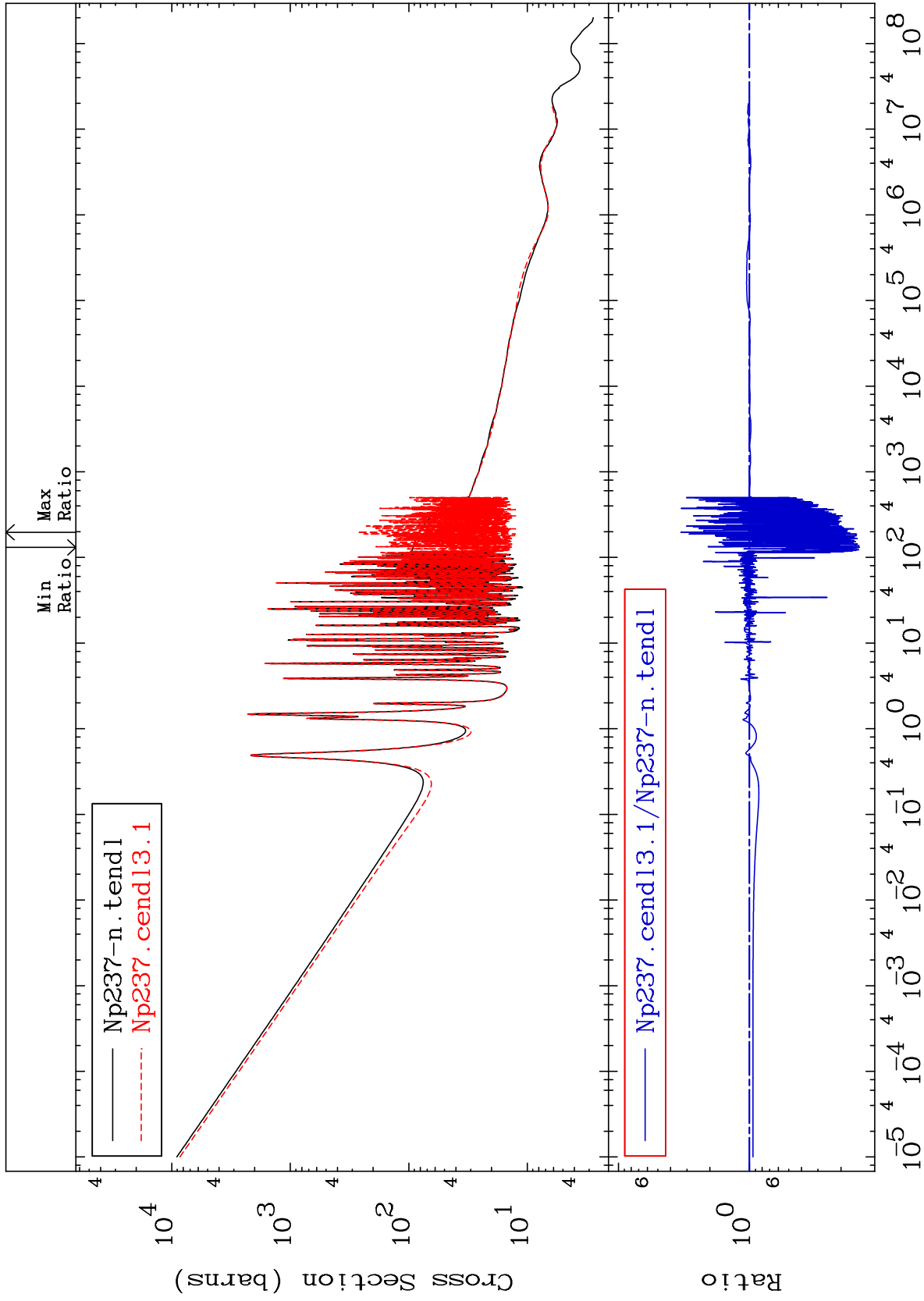
3

Incident Energy (MeV)

93-Np-237

MAT 9346

Total Cross Section  
93-Np-237  
-85.58 To 234.0 %



Incident Energy (eV)

93-Np-237

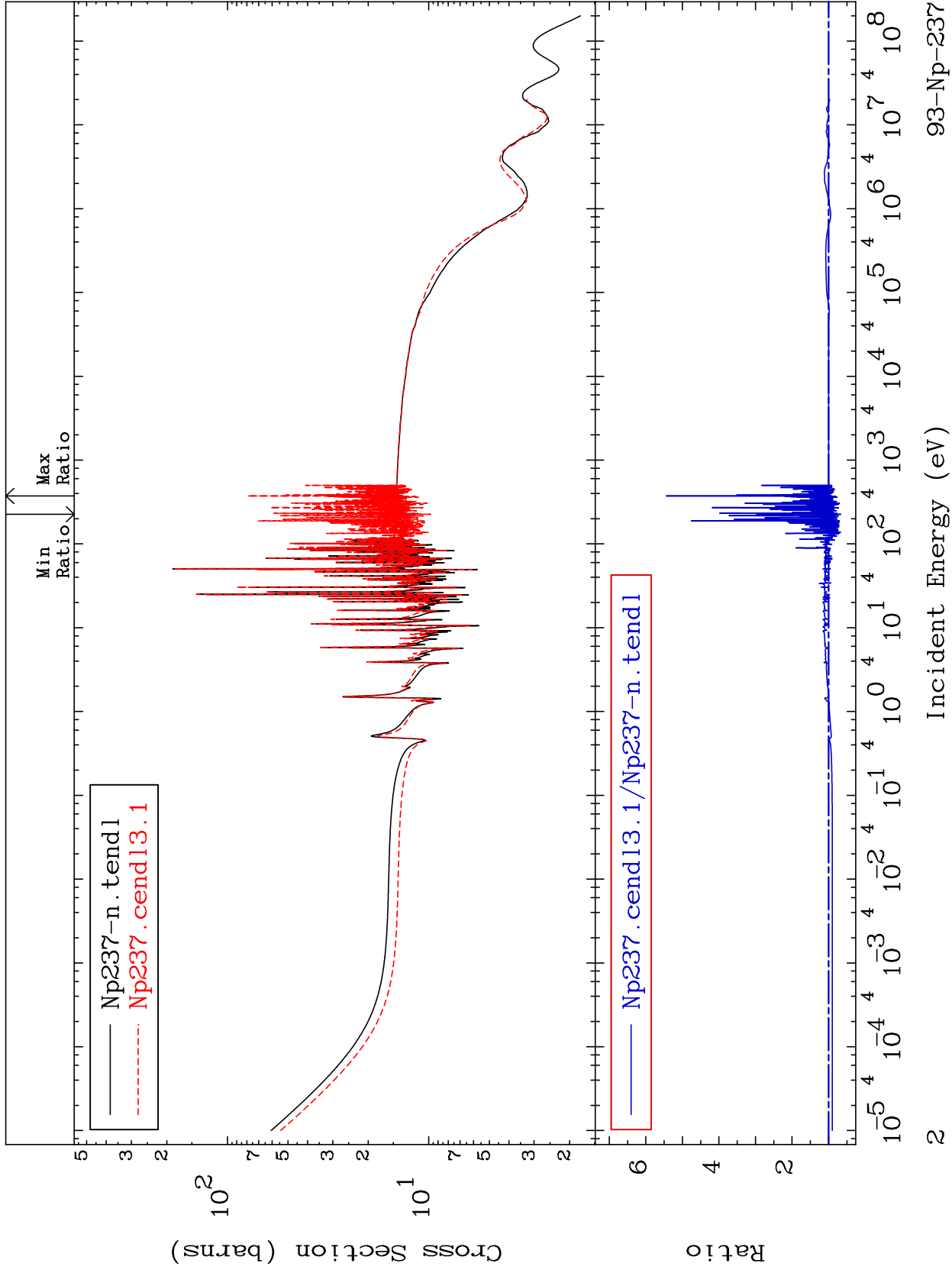
MAT 9346

Elastic

93-Np-237

Cross Section

-33.44 To 445.0 %



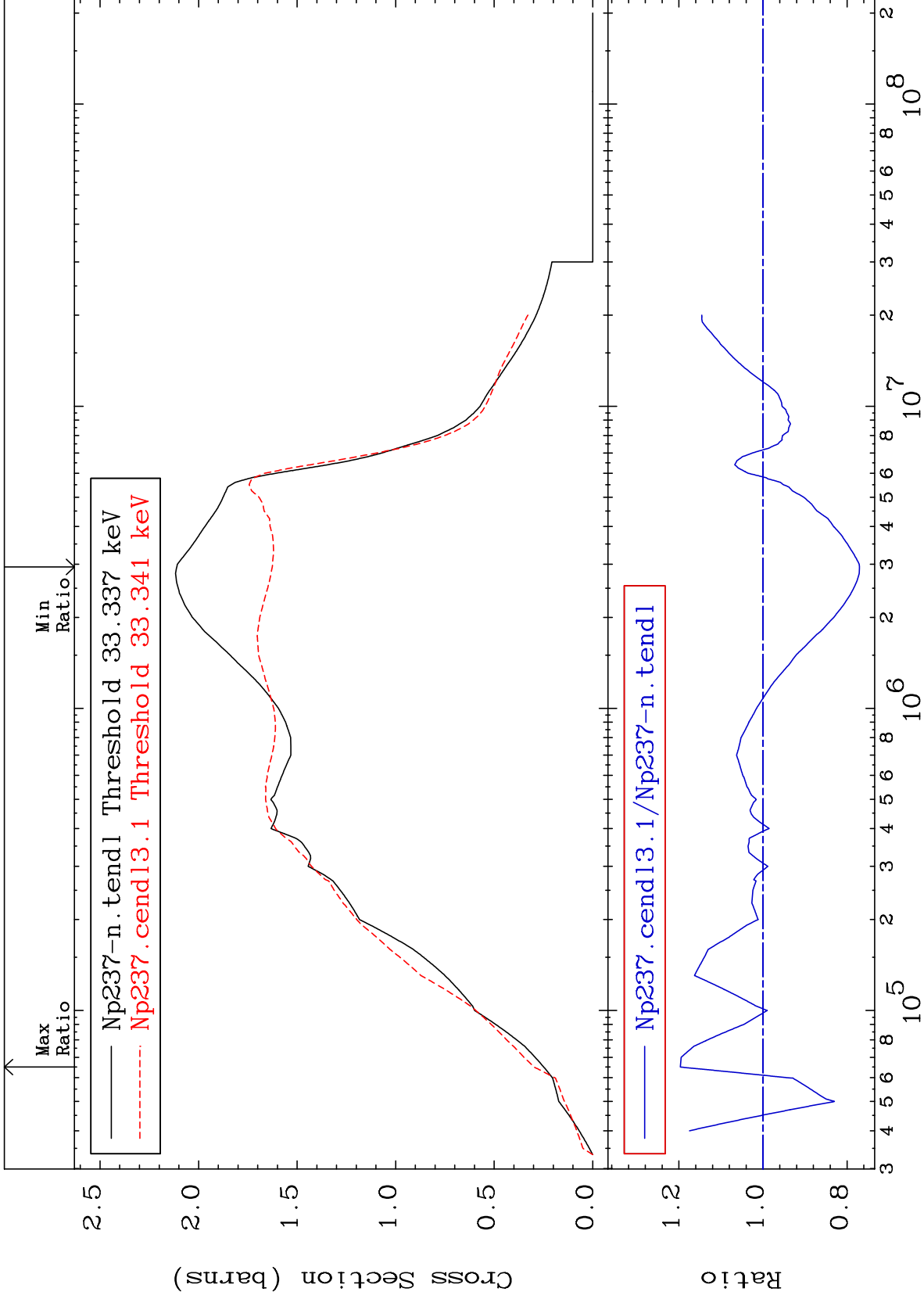
93-Np-237



MAT 9346

Inelastic  
Cross Section

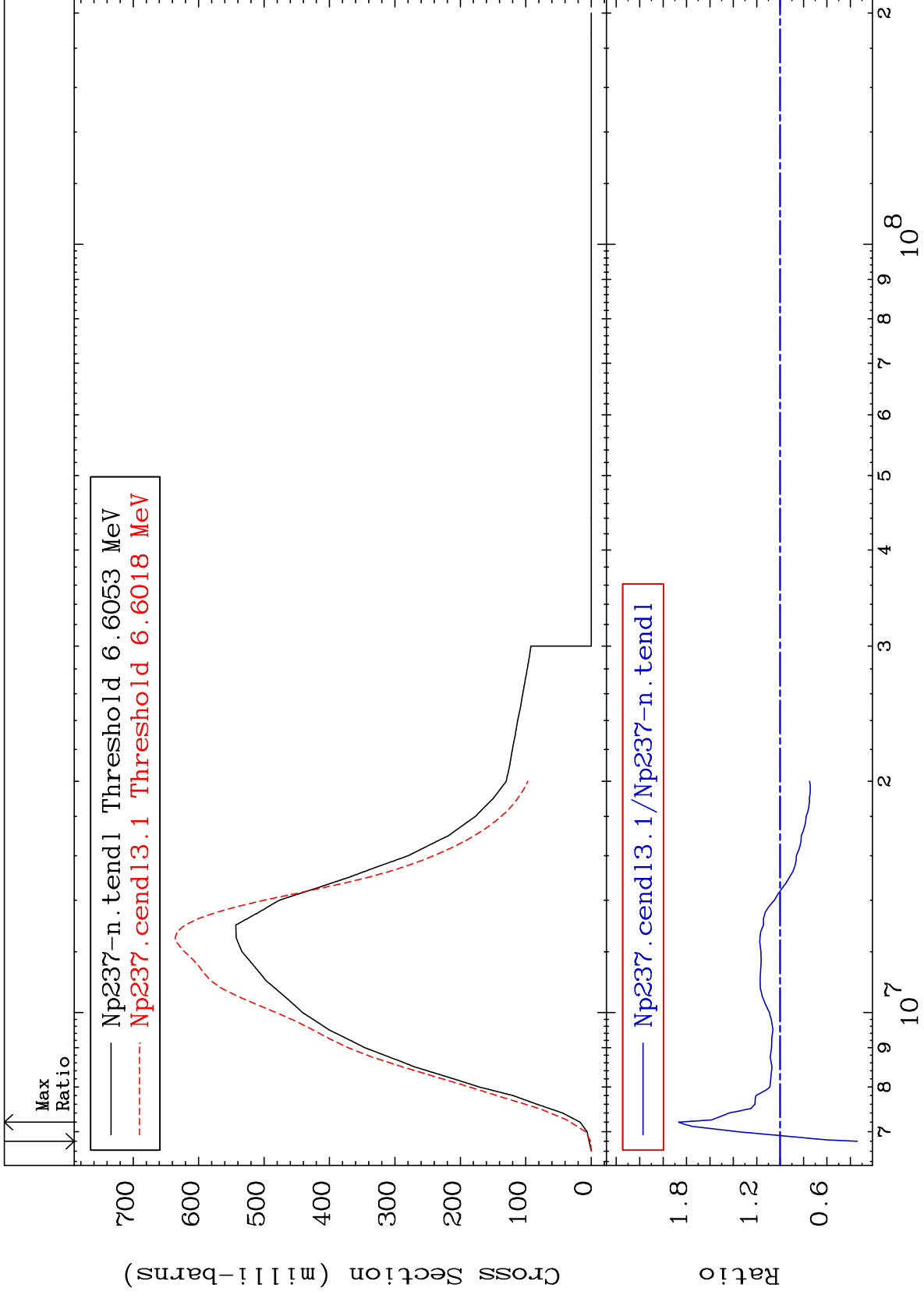
93-Np-237  
-22.95 To 19.67 %



MAT 9346

(n,2n)  
Cross Section

93-Np-237  
-65.88 To 86.73 %



4

Incident Energy (eV)

93-Np-237

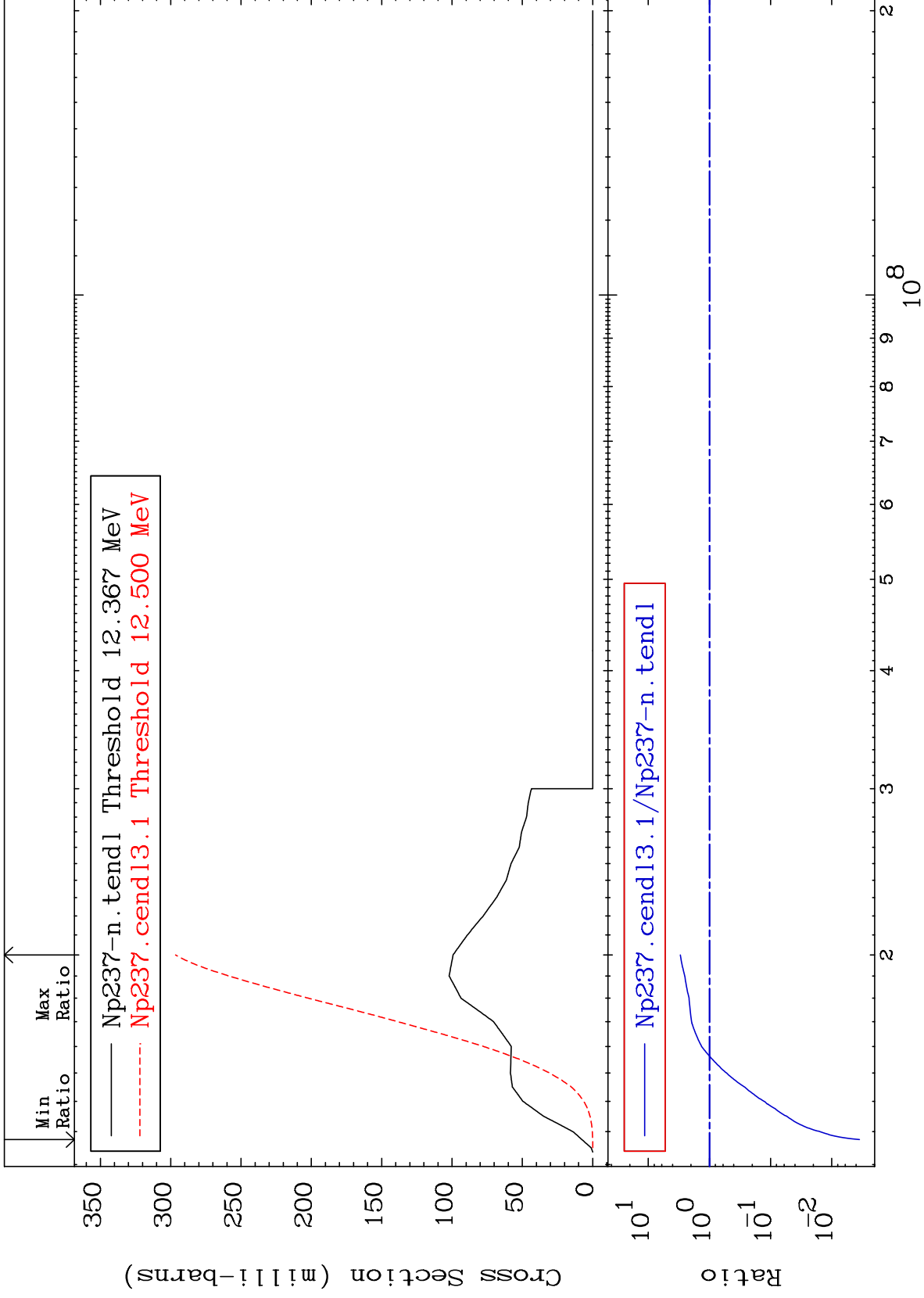
MAT 9346

(n,3n)

93-Np-237

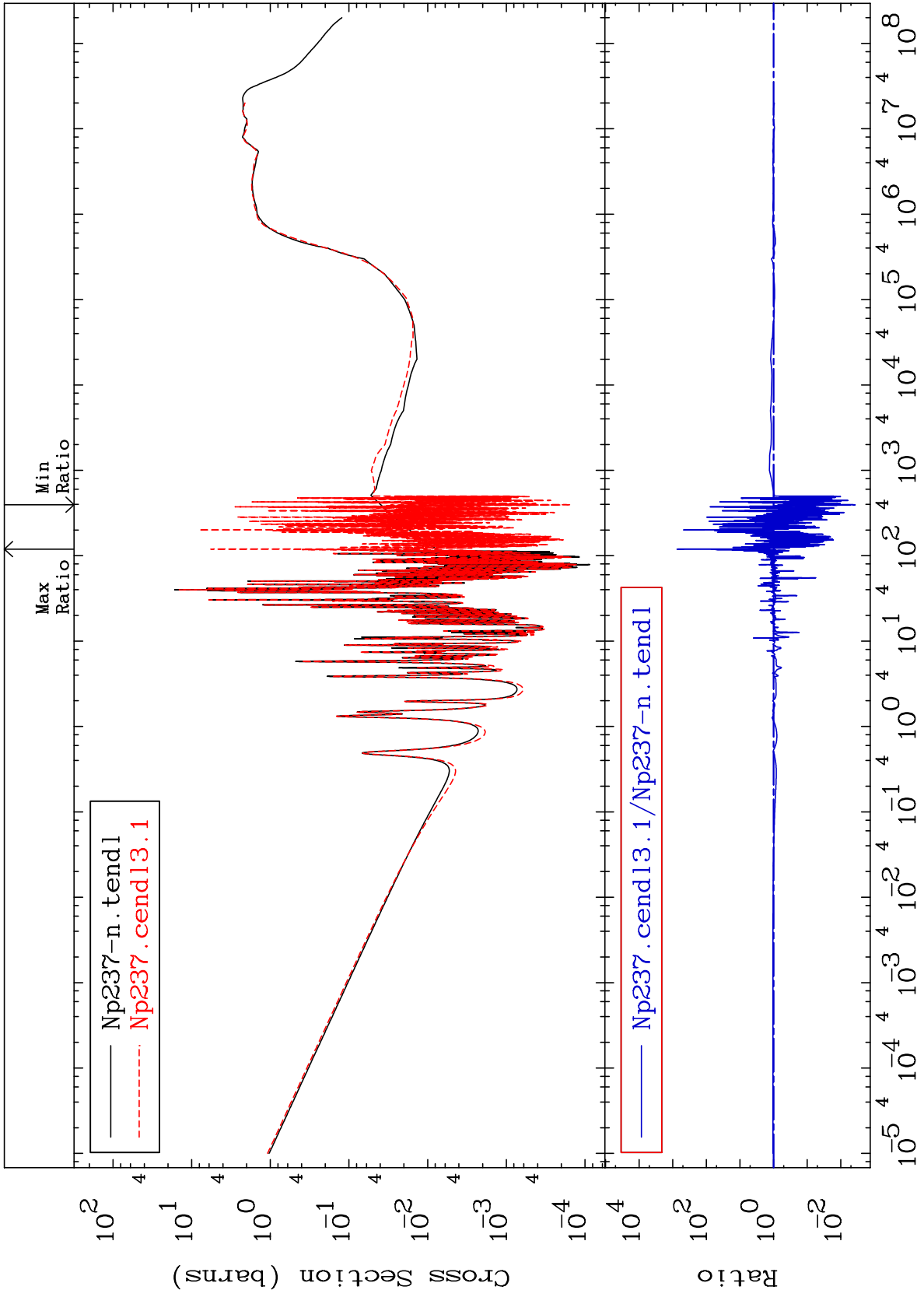
Cross Section

-99.65 To 198.8 %



MAT 9346

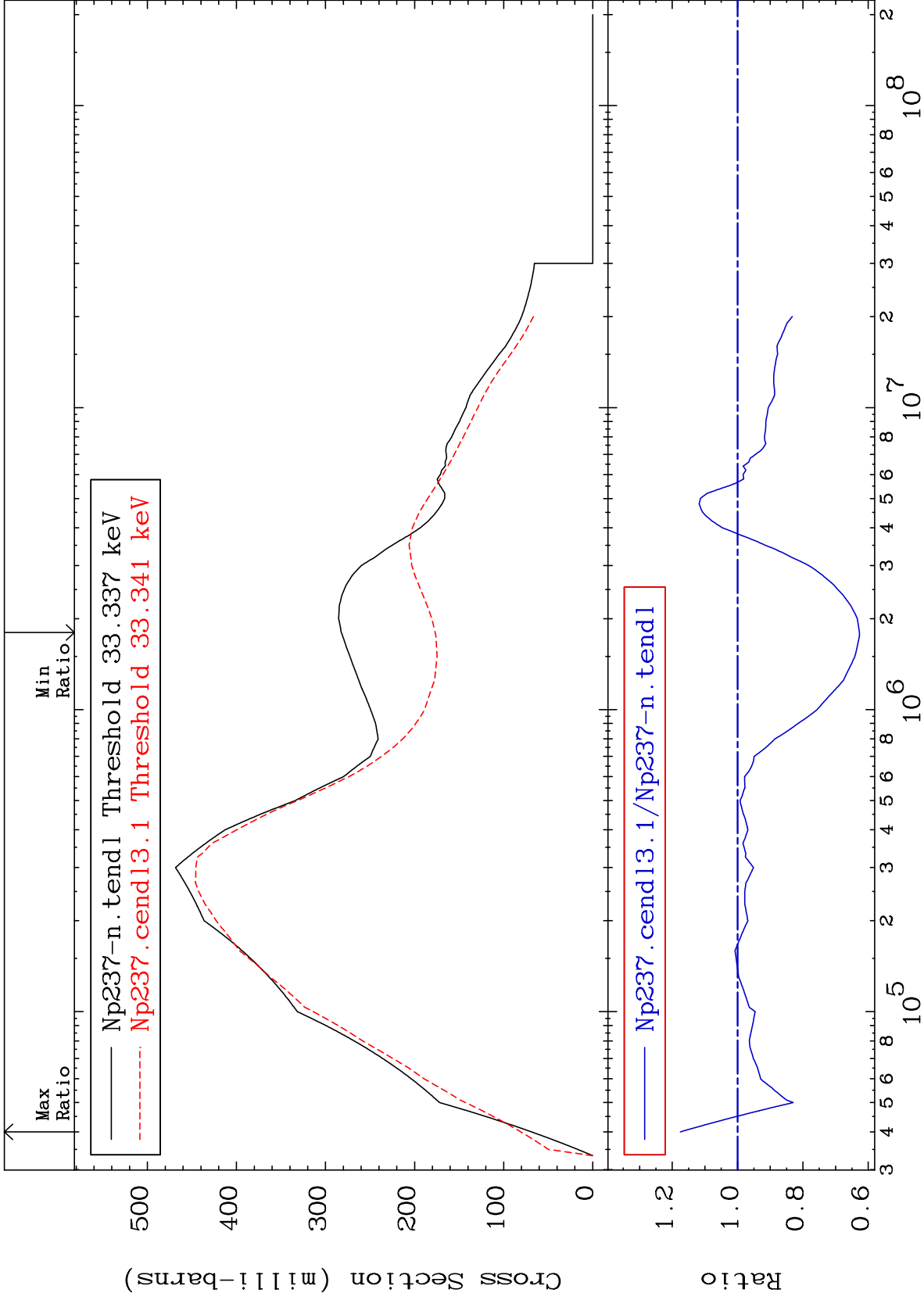
Fission Cross Section 93-Np-237  
-99.62 To 9999. %



MAT 9346

33.20 keV (n,n') Level  
Cross Section

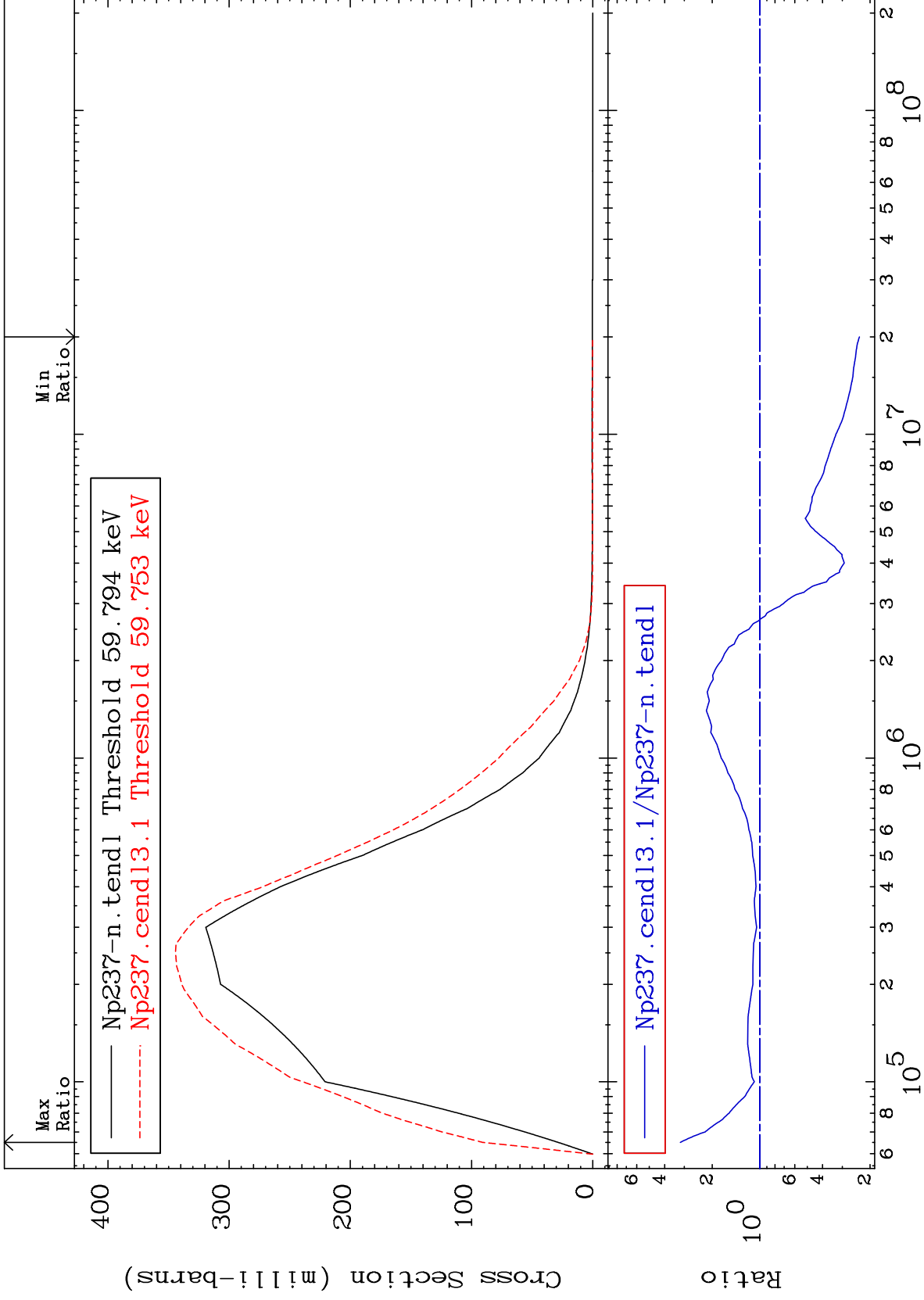
93-Np-237  
-37.30 To 17.52 %



MAT 9346

59.54 keV (n,n') Level  
Cross Section

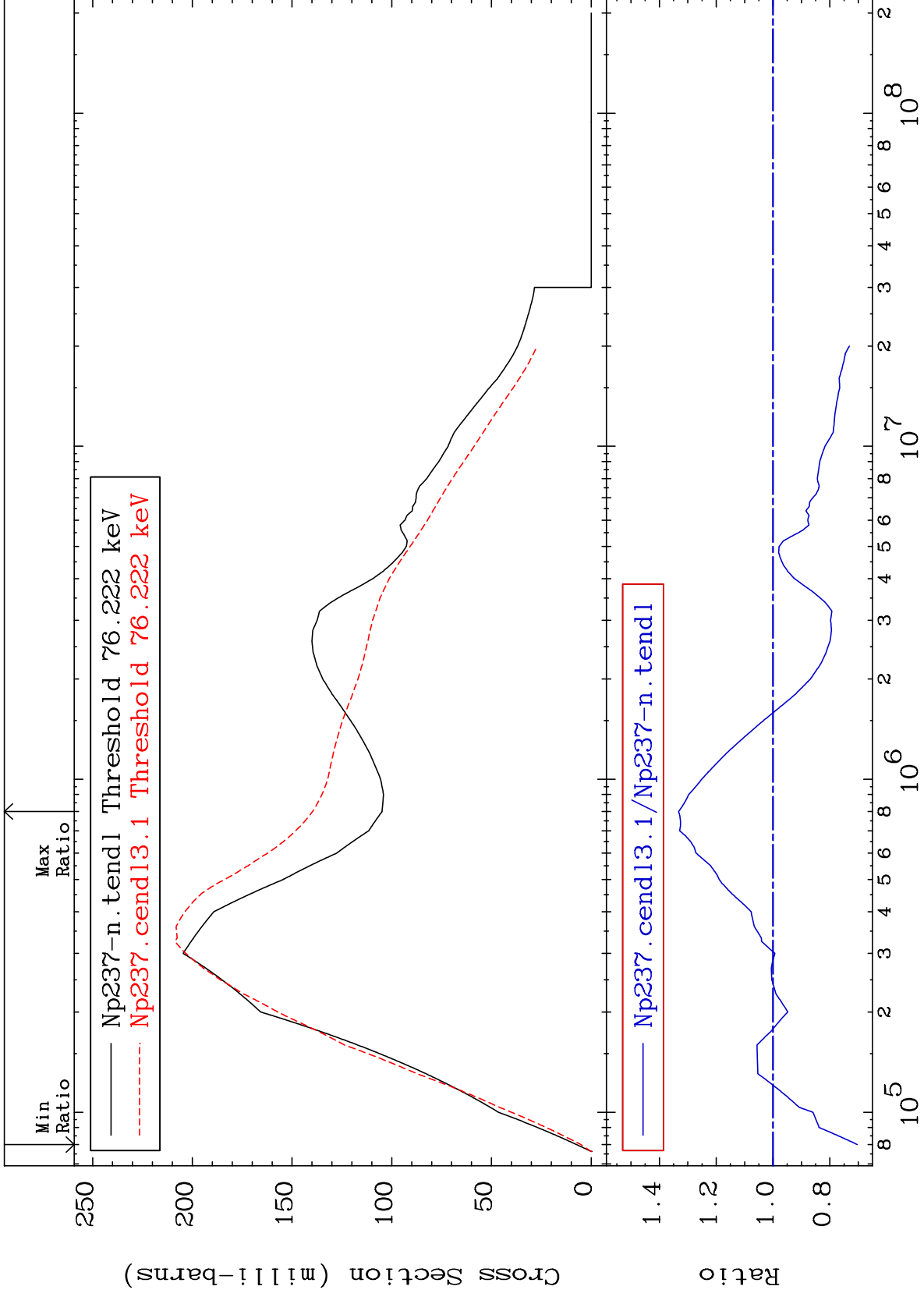
93-Np-237  
-76.64 To 218.1 %



MAT 9346

75.90 keV (n,n') Level  
Cross Section

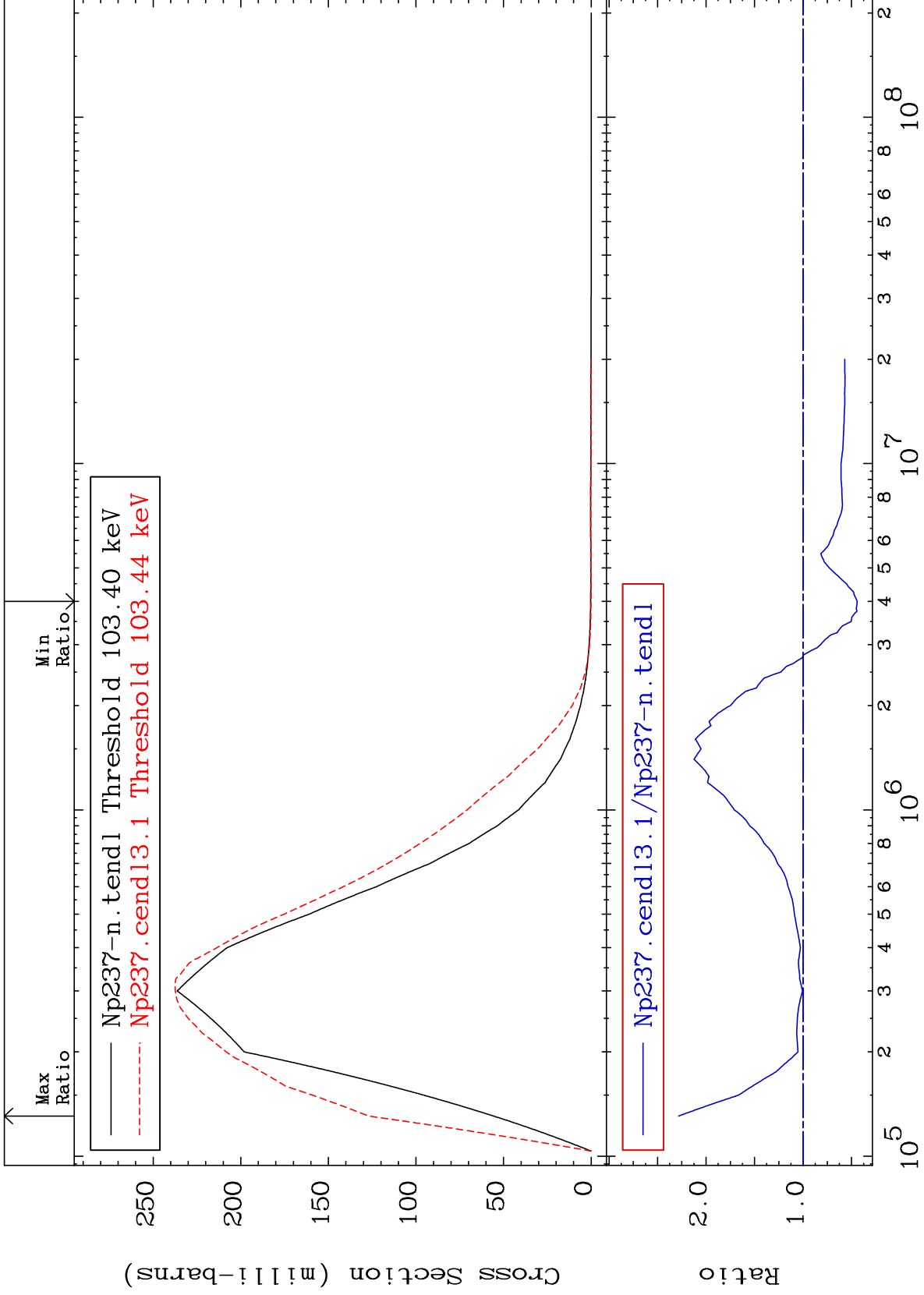
93-Np-237  
-29.63 To 33.23 %



MAT 9346

103.0 keV (n,n') Level  
Cross Section

93-Np-237  
-55.91 To 128.3 %



10

Incident Energy (eV)

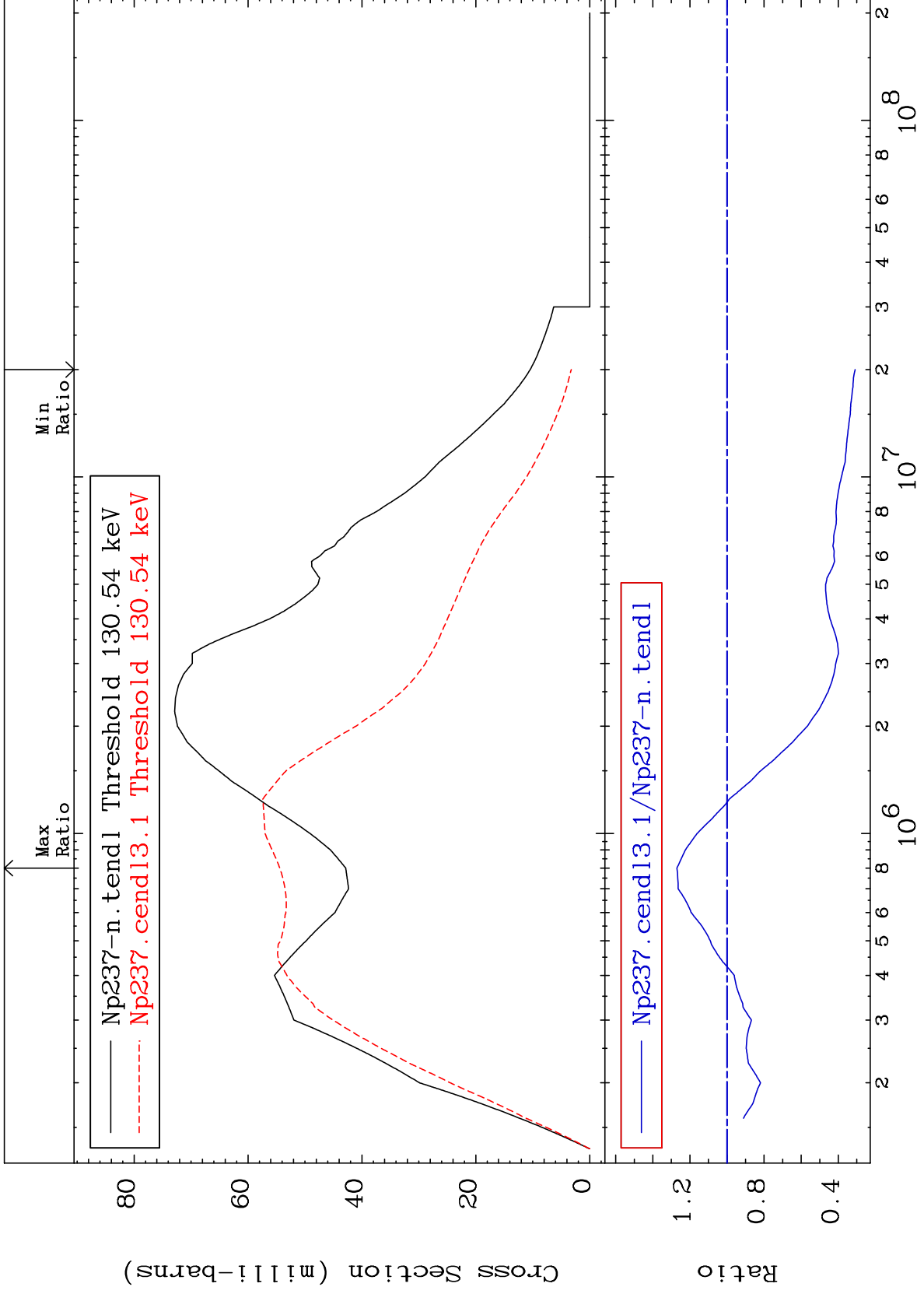
93-Np-237



MAT 9346

130.0 keV (n,n') Level  
Cross Section

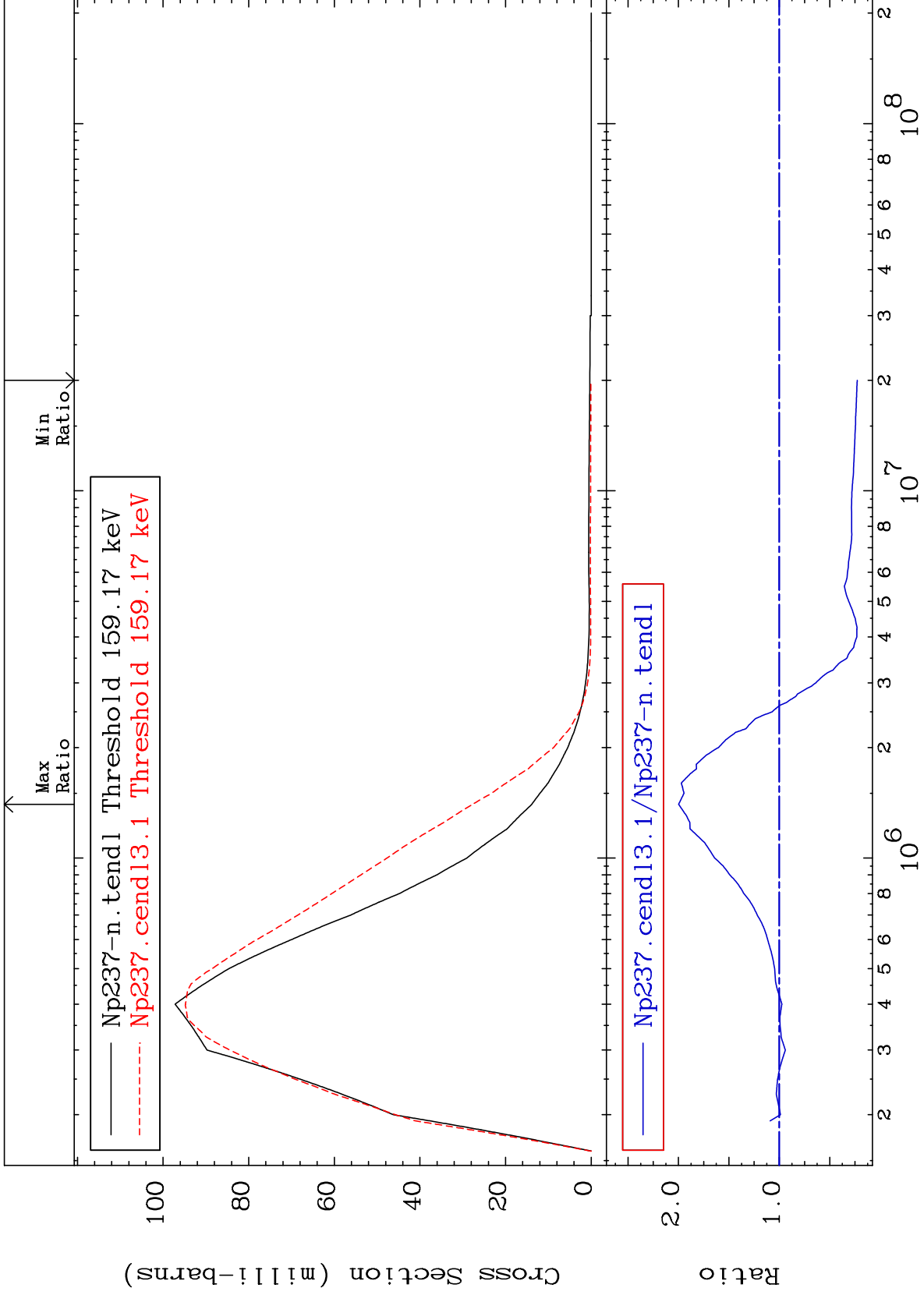
93-Np-237  
-69.07 To 27.00 %



MAT 9346

158.5 keV (n,n') Level  
Cross Section

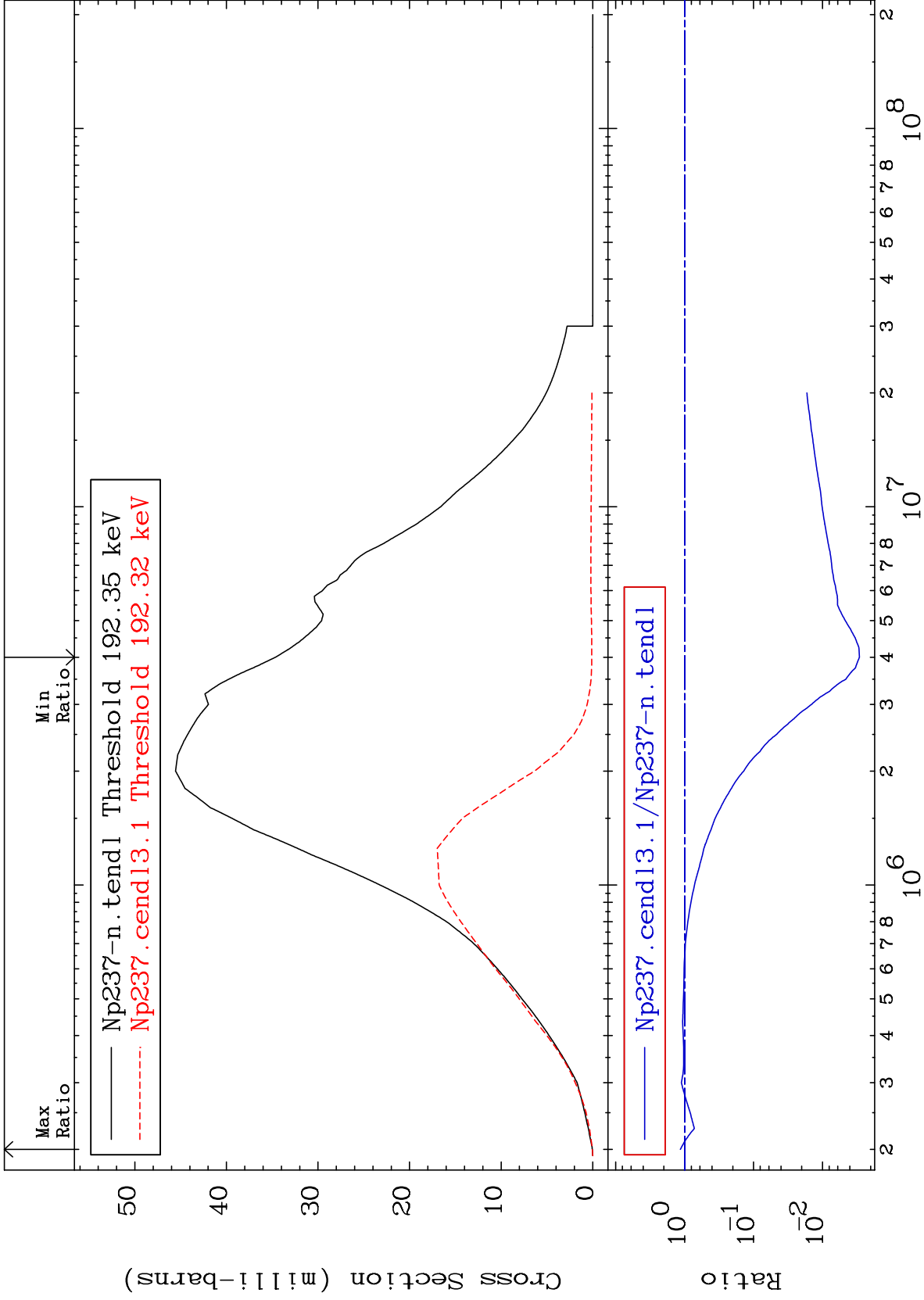
93-Np-237  
-77.27 To 99.85 %



MAT 9346

191.5 keV (n,n') Level  
Cross Section

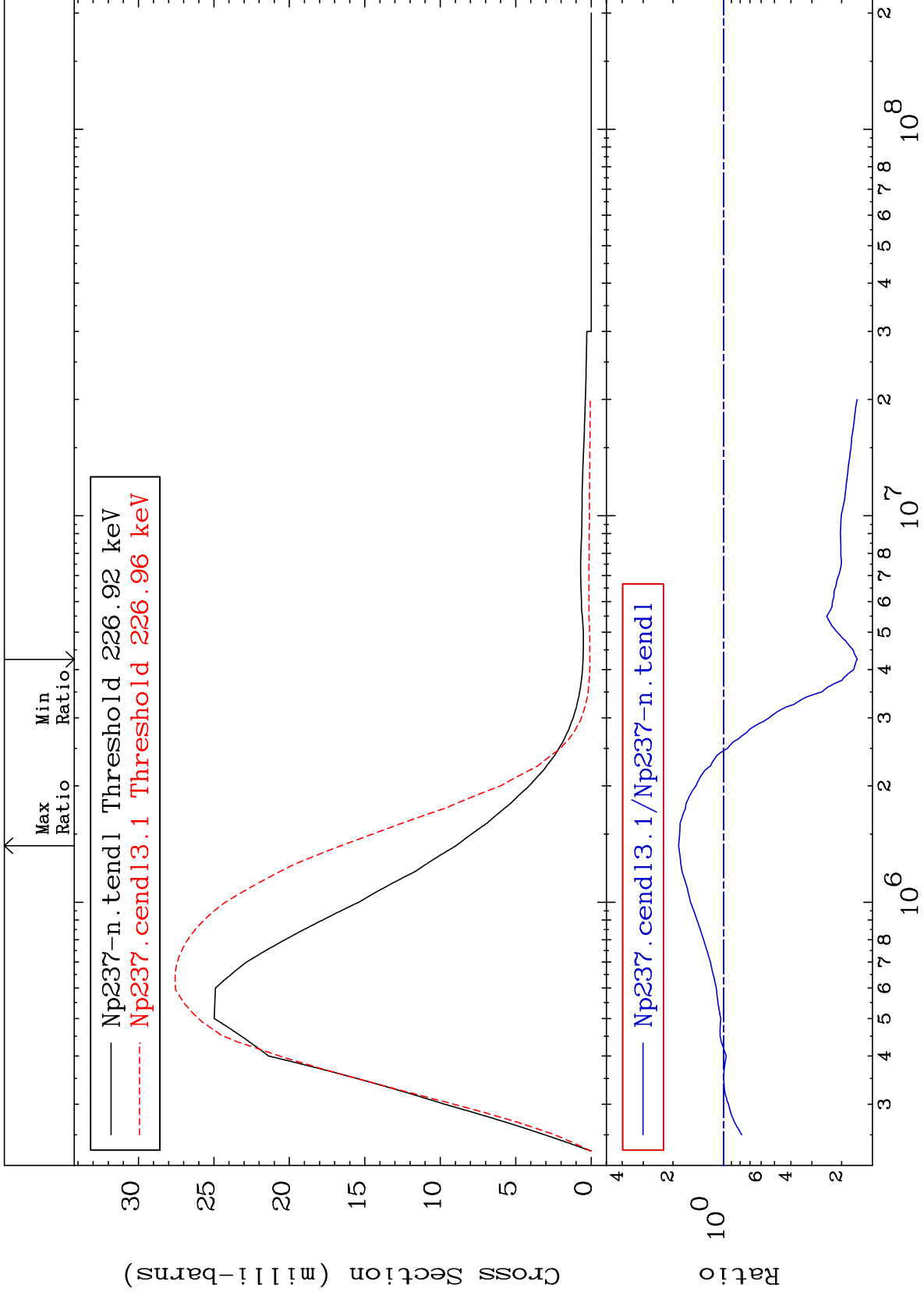
93-Np-237  
-99.71 To 15.42 %



MAT 9346

226.0 keV (n,n') Level  
Cross Section

93-Np-237  
-83.83 To 85.15 %



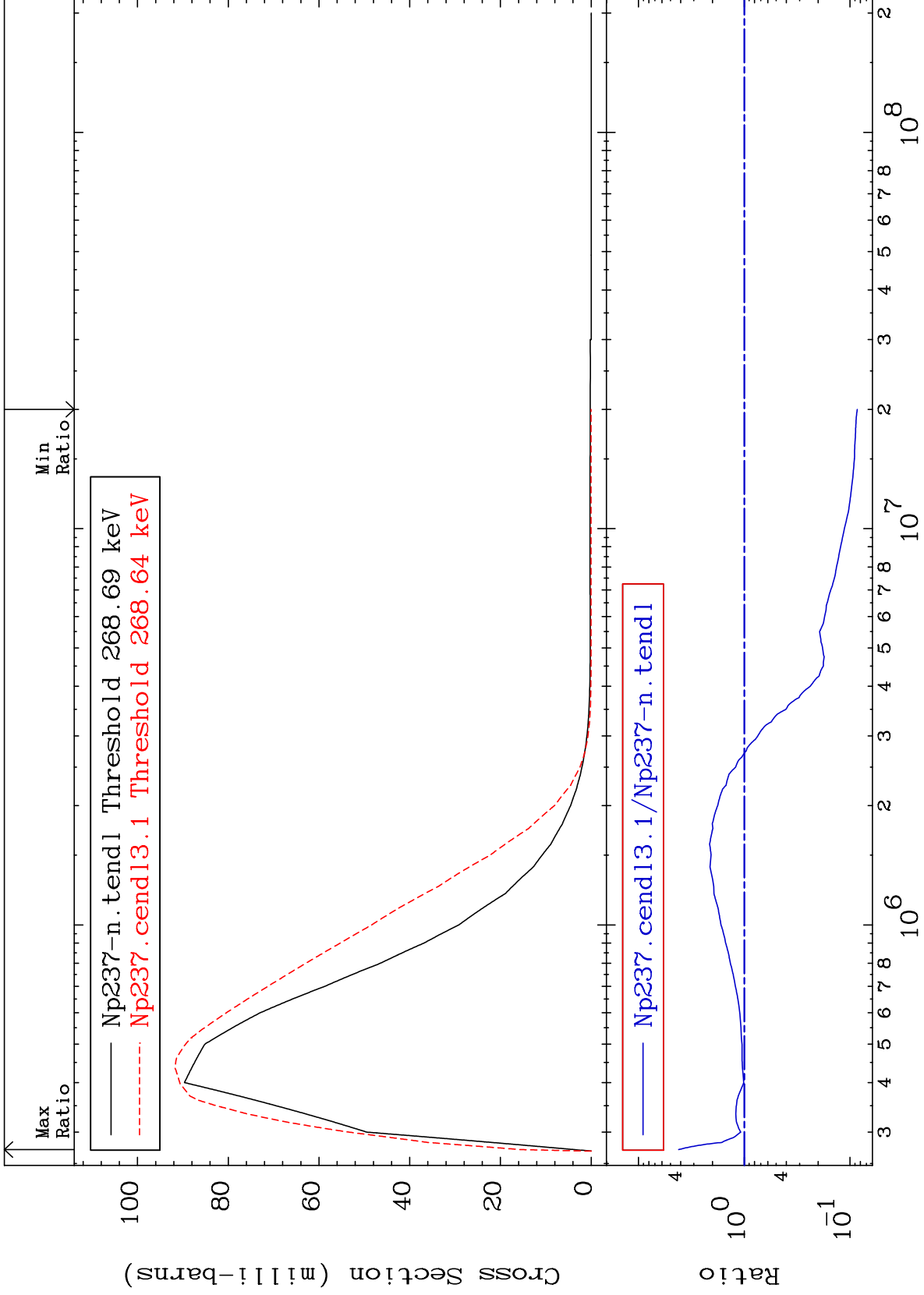
14

93-Np-237

MAT 9346

267.6 keV (n,n') Level  
Cross Section

93-Np-237  
-91.45 To 317.7 %



15

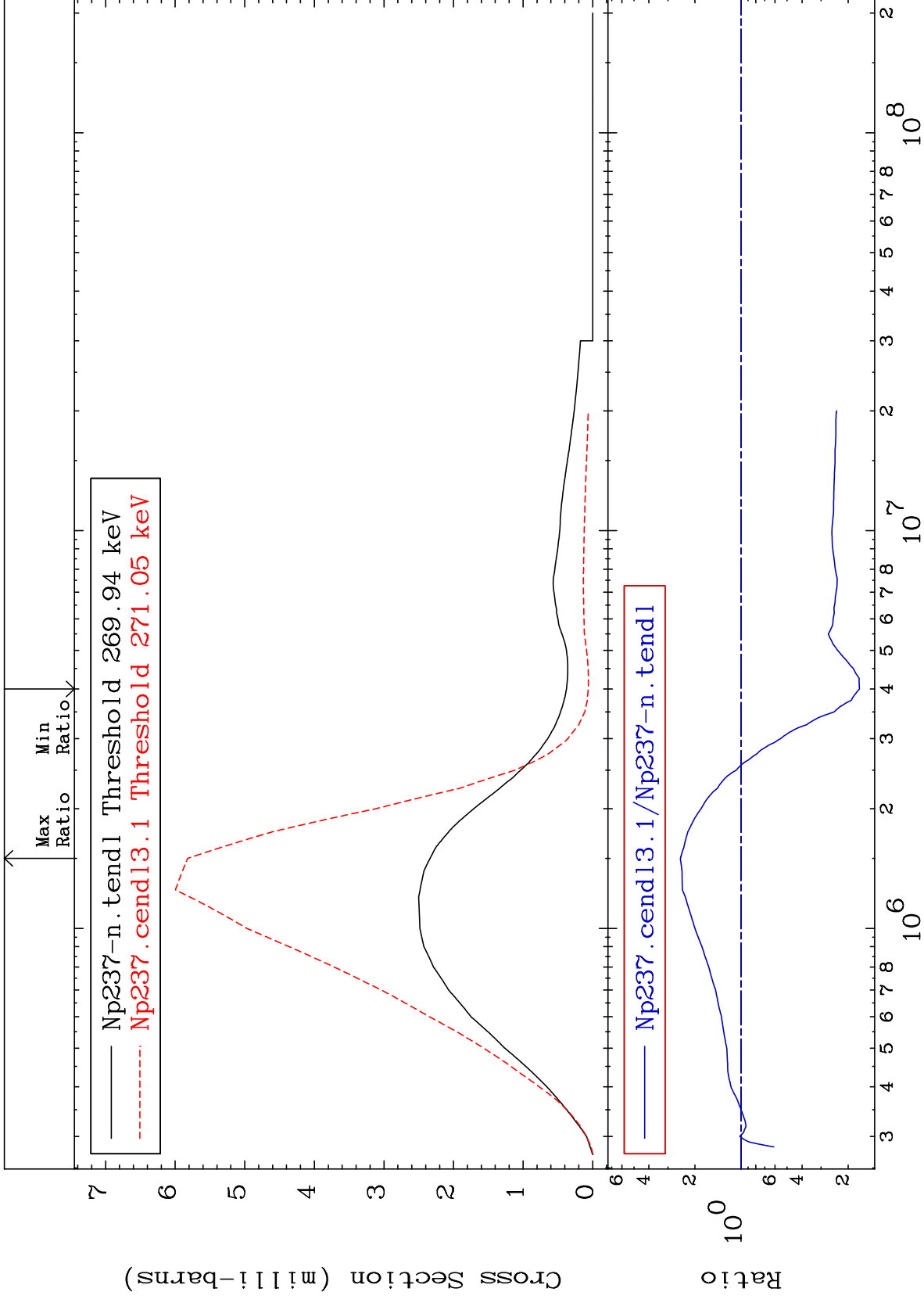
Incident Energy (eV)

93-Np-237

MAT 9346

268.8 keV (n,n') Level  
Cross Section

93-Np-237  
-83.13 To 149.1 %



16

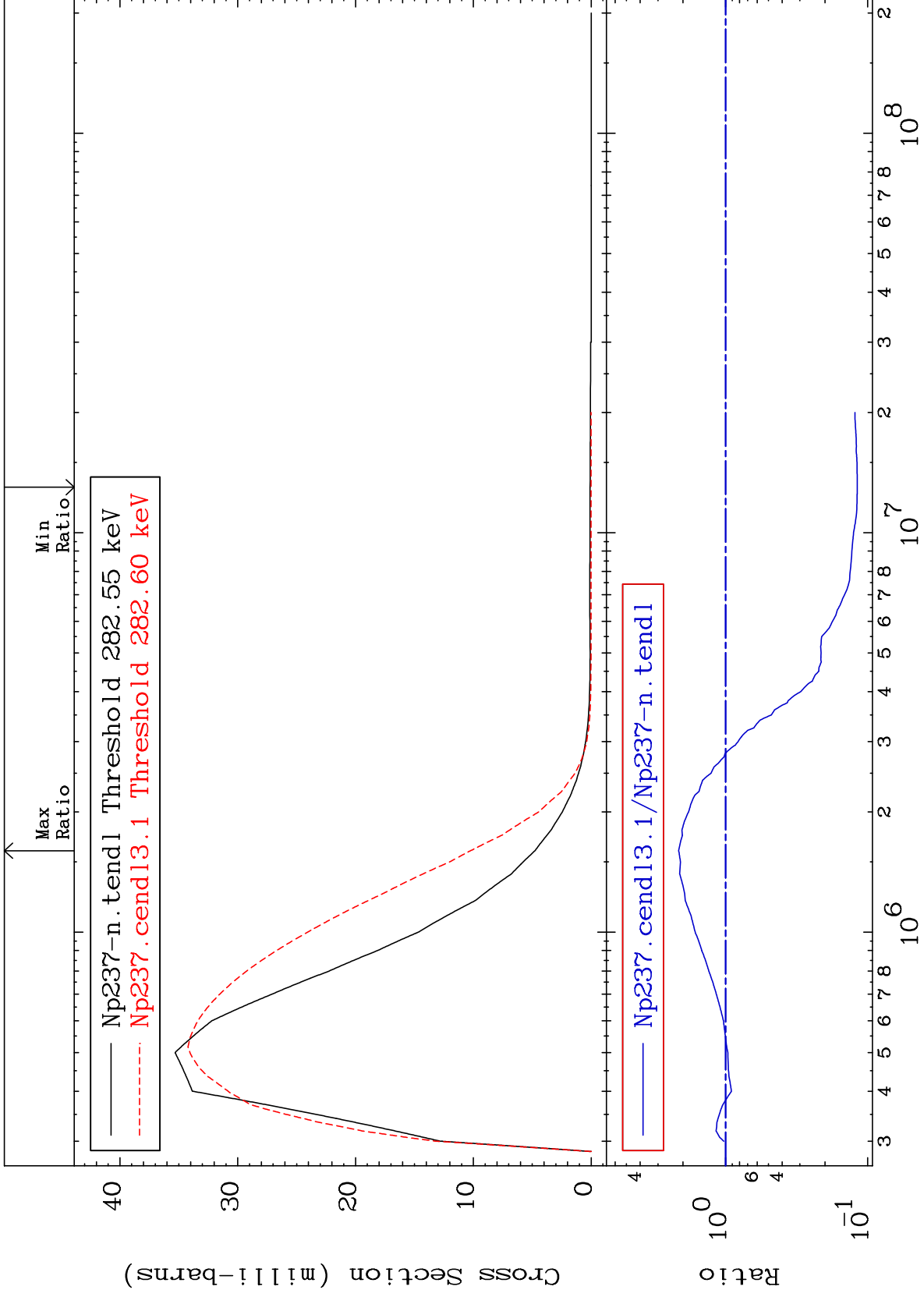
Incident Energy (eV)

93-Np-237

MAT 9346

281.4 keV (n,n') Level  
Cross Section

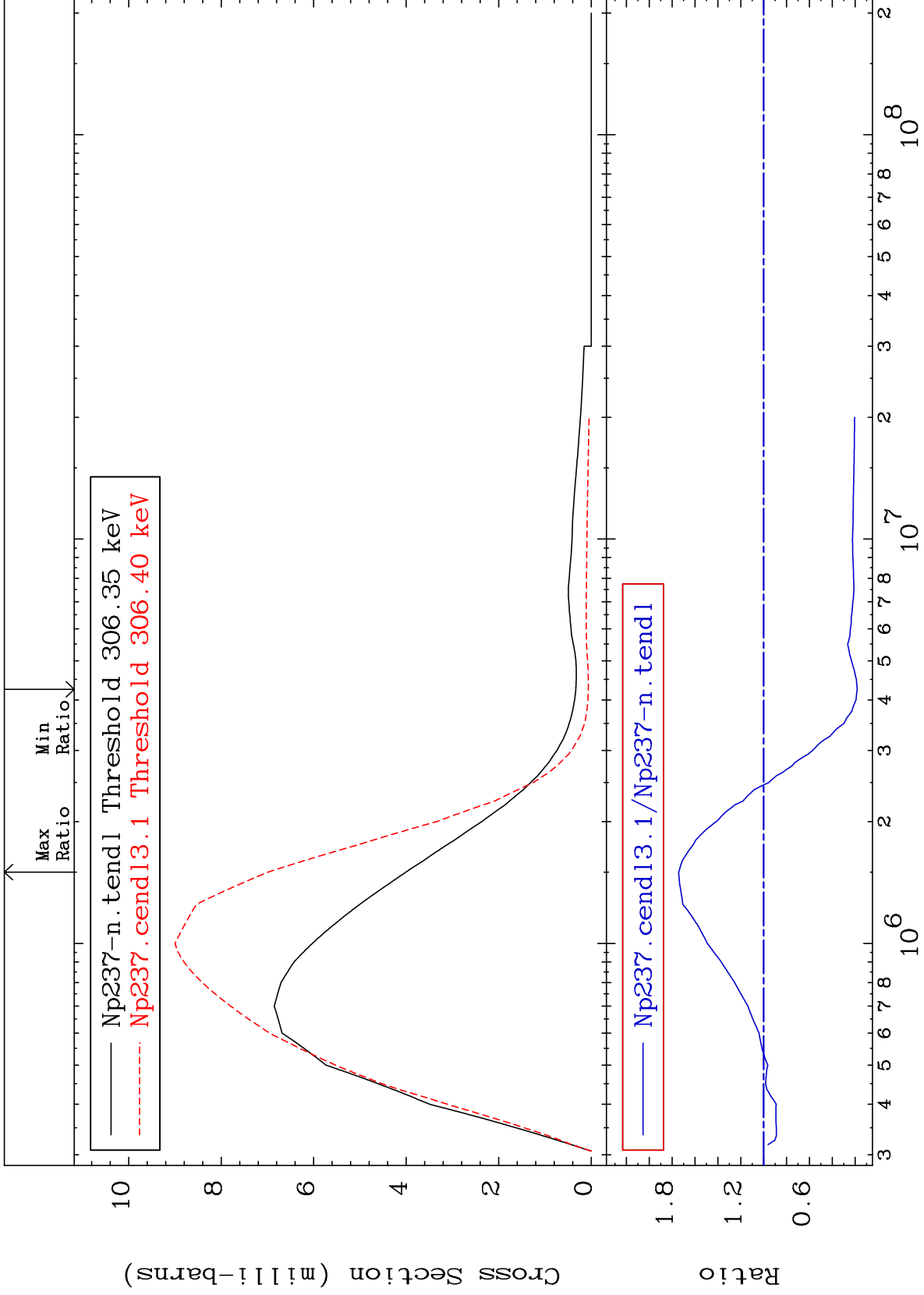
93-Np-237  
-88.16 To 114.4 %



MAT 9346

305.1 keV (n,n') Level  
Cross Section

93-Np-237  
-81.81 To 74.32 %



18

Incident Energy (eV)

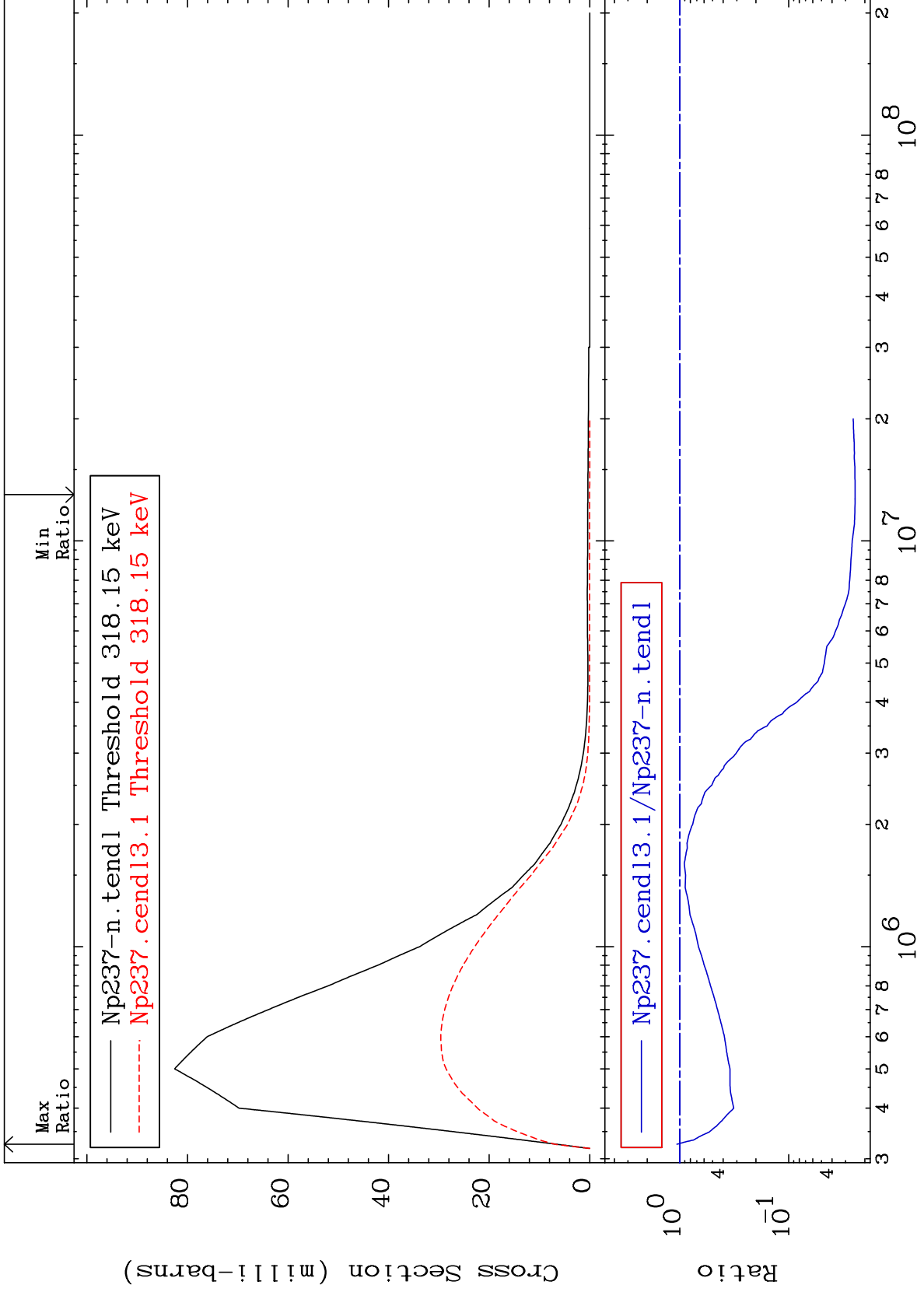
93-Np-237



MAT 9346

316.8 keV (n,n') Level  
Cross Section

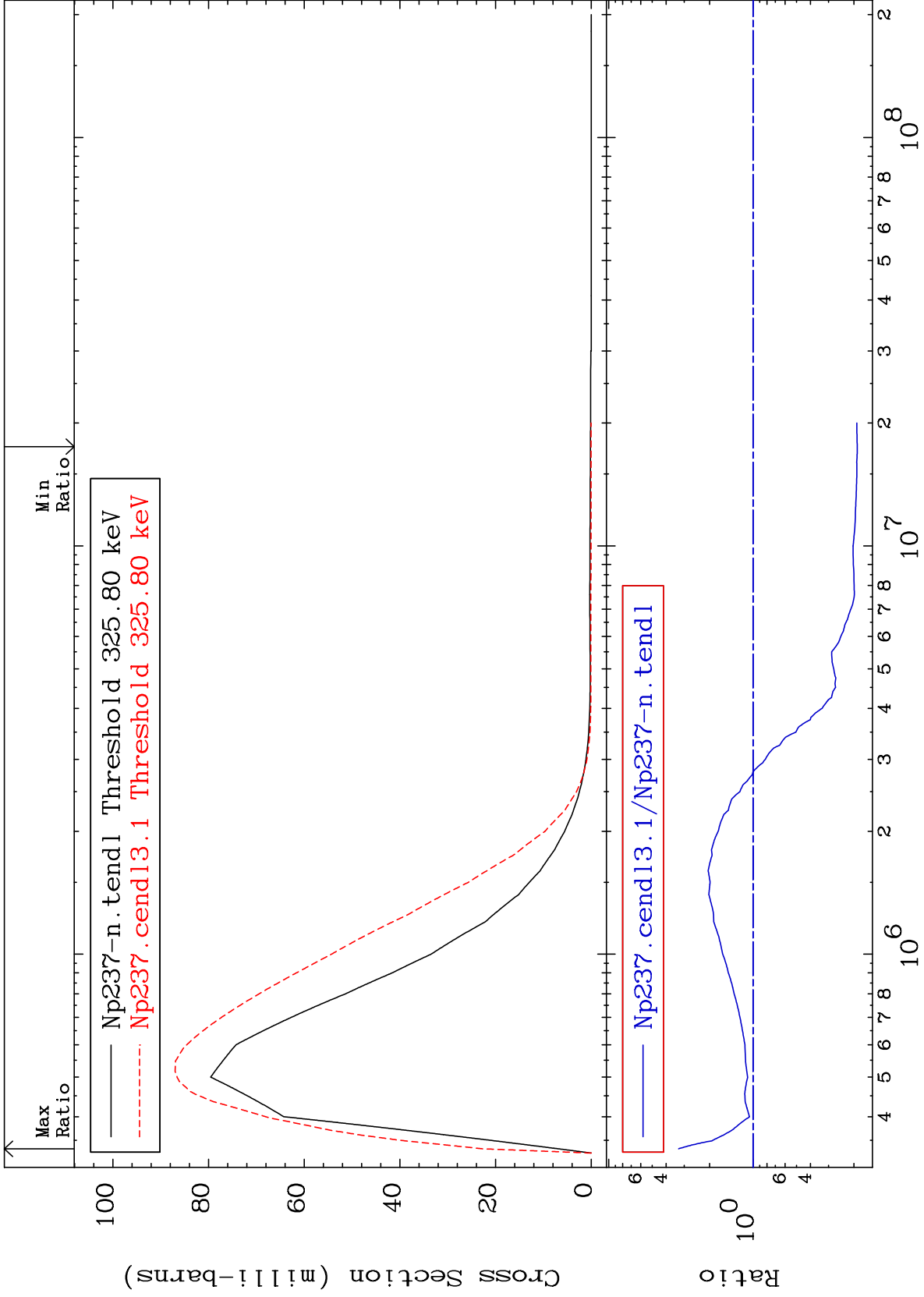
93-Np-237  
-97.54 To 6.439 %



MAT 9346

324.4 keV (n,n') Level  
Cross Section

93-Np-237  
-81.03 To 227.8 %



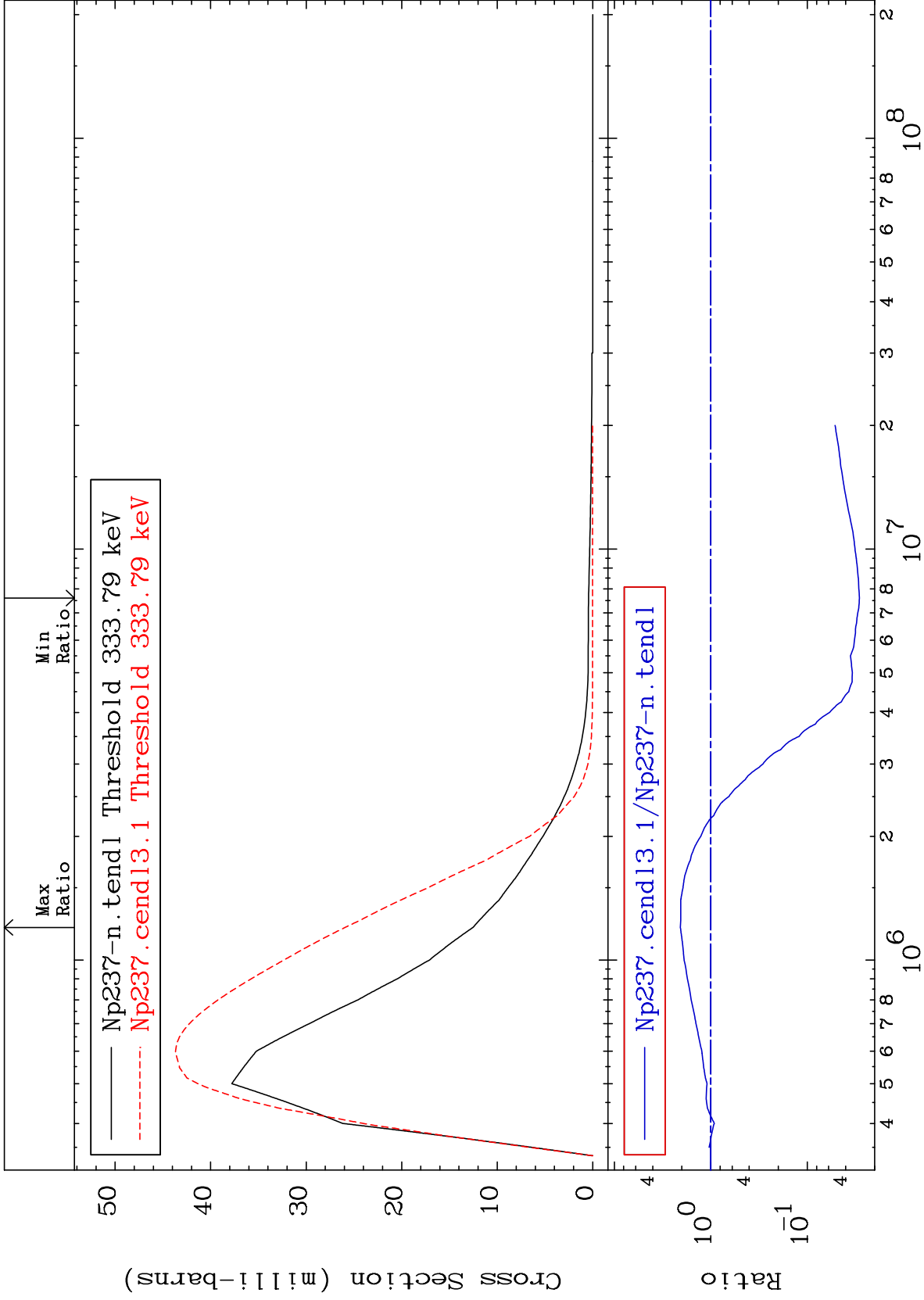
20

93-Np-237

MAT 9346

332.4 keV (n,n') Level  
Cross Section

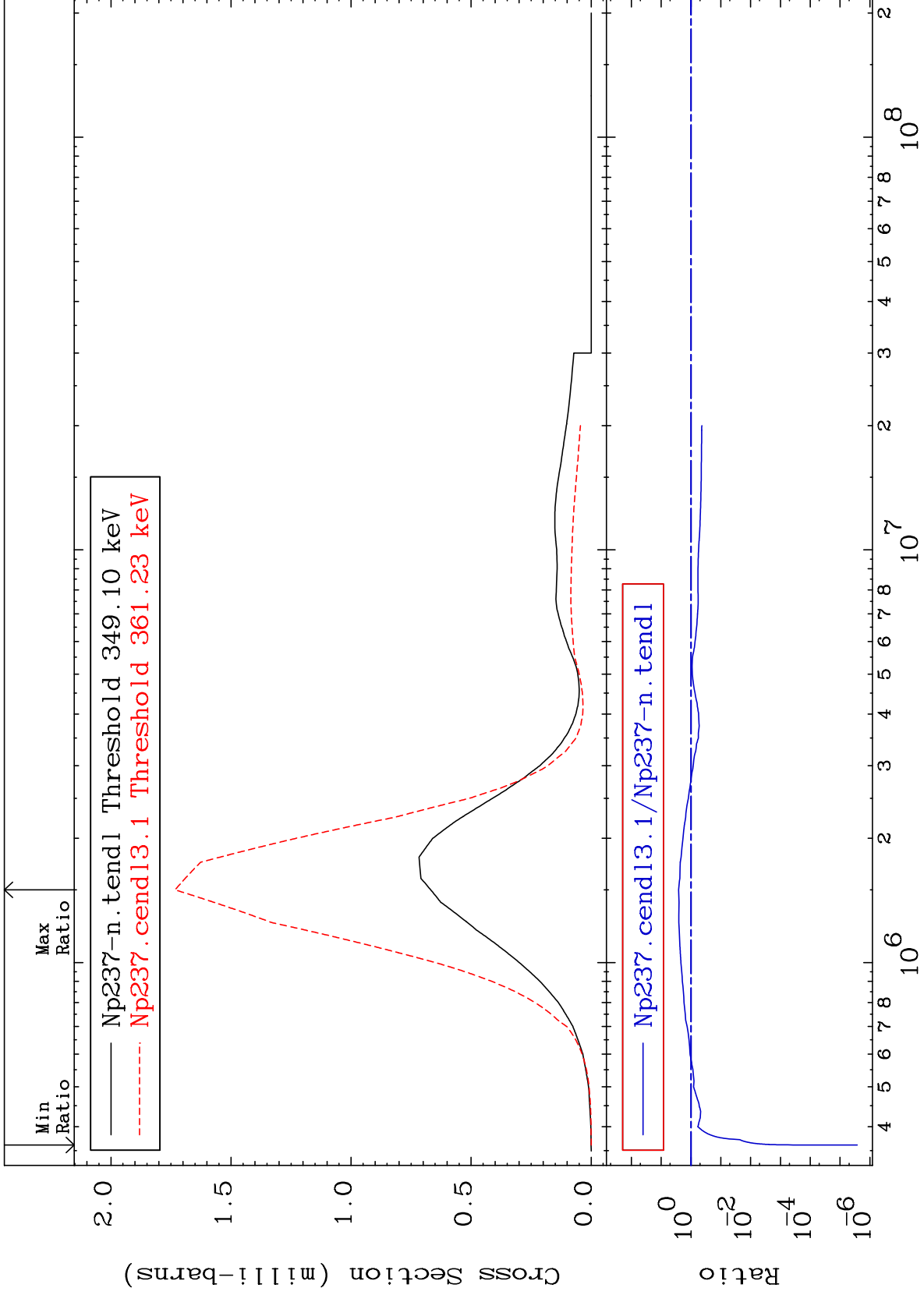
93-Np-237  
-97.12 To 106.8 %



MAT 9346

347.6 keV (n,n') Level  
Cross Section

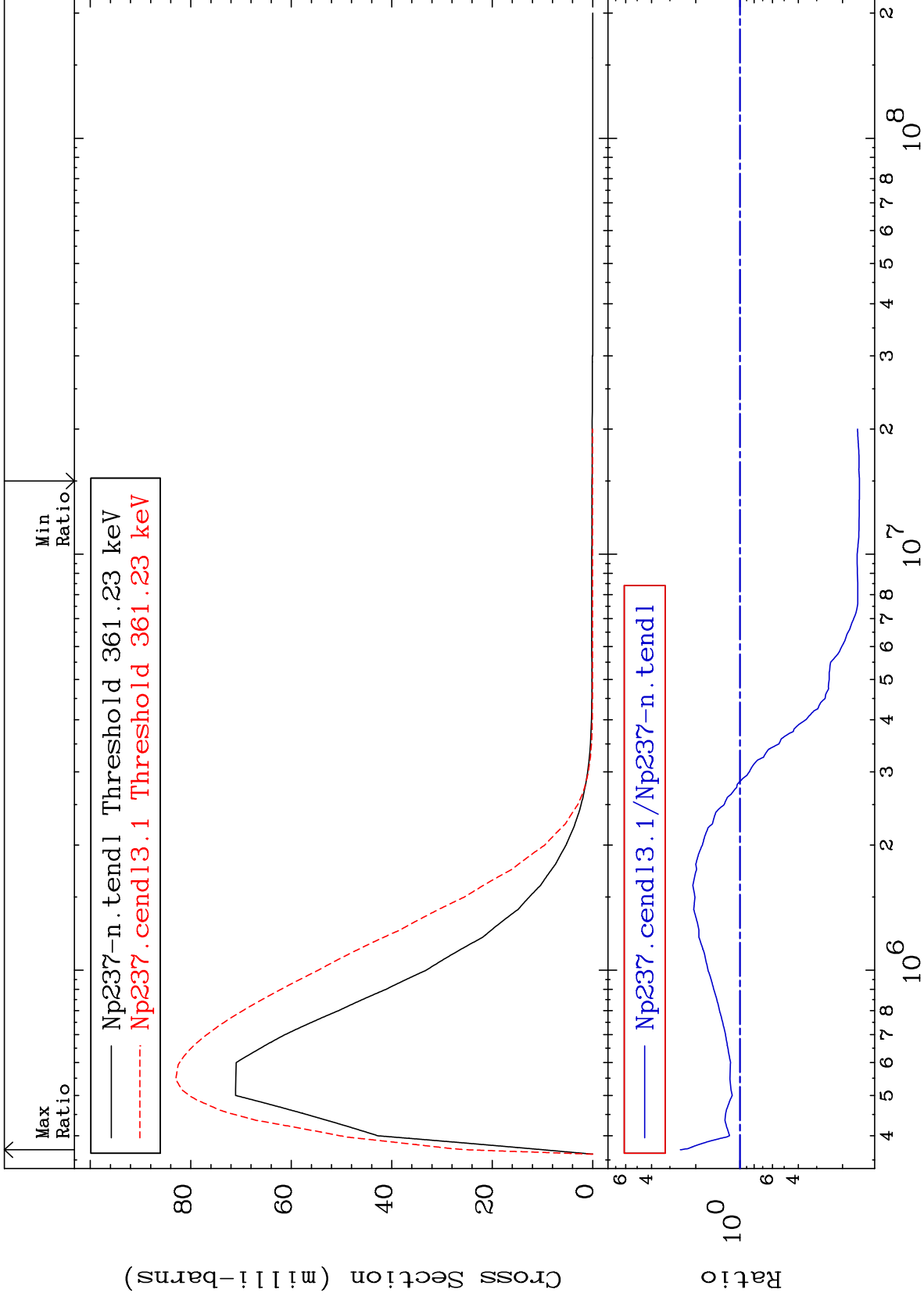
93-Np-237  
-100.0 To 159.4 %



MAT 9346

359.7 keV (n,n') Level  
Cross Section

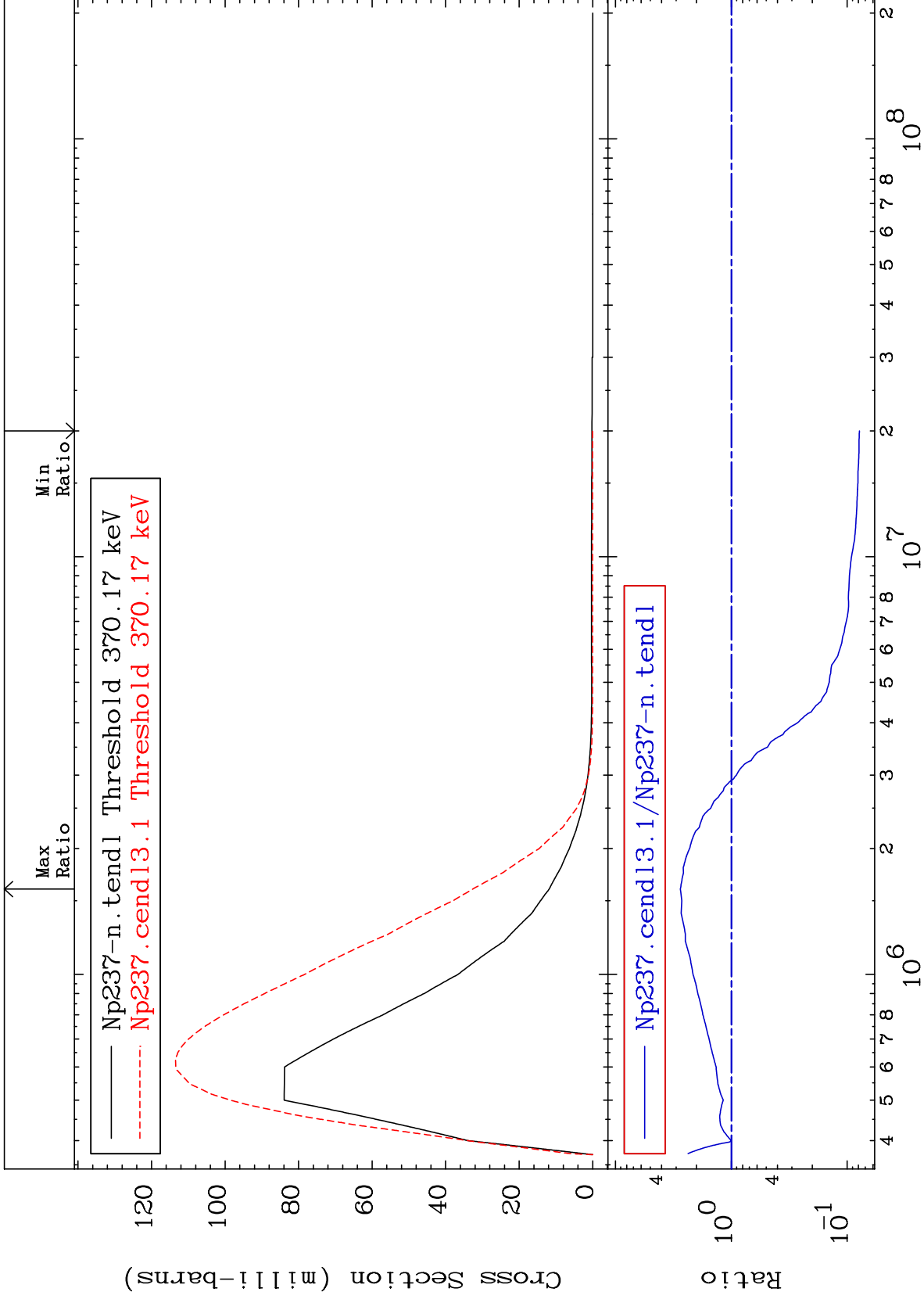
93-Np-237  
-84.63 To 154.3 %



MAT 9346

368.6 keV (n,n') Level  
Cross Section

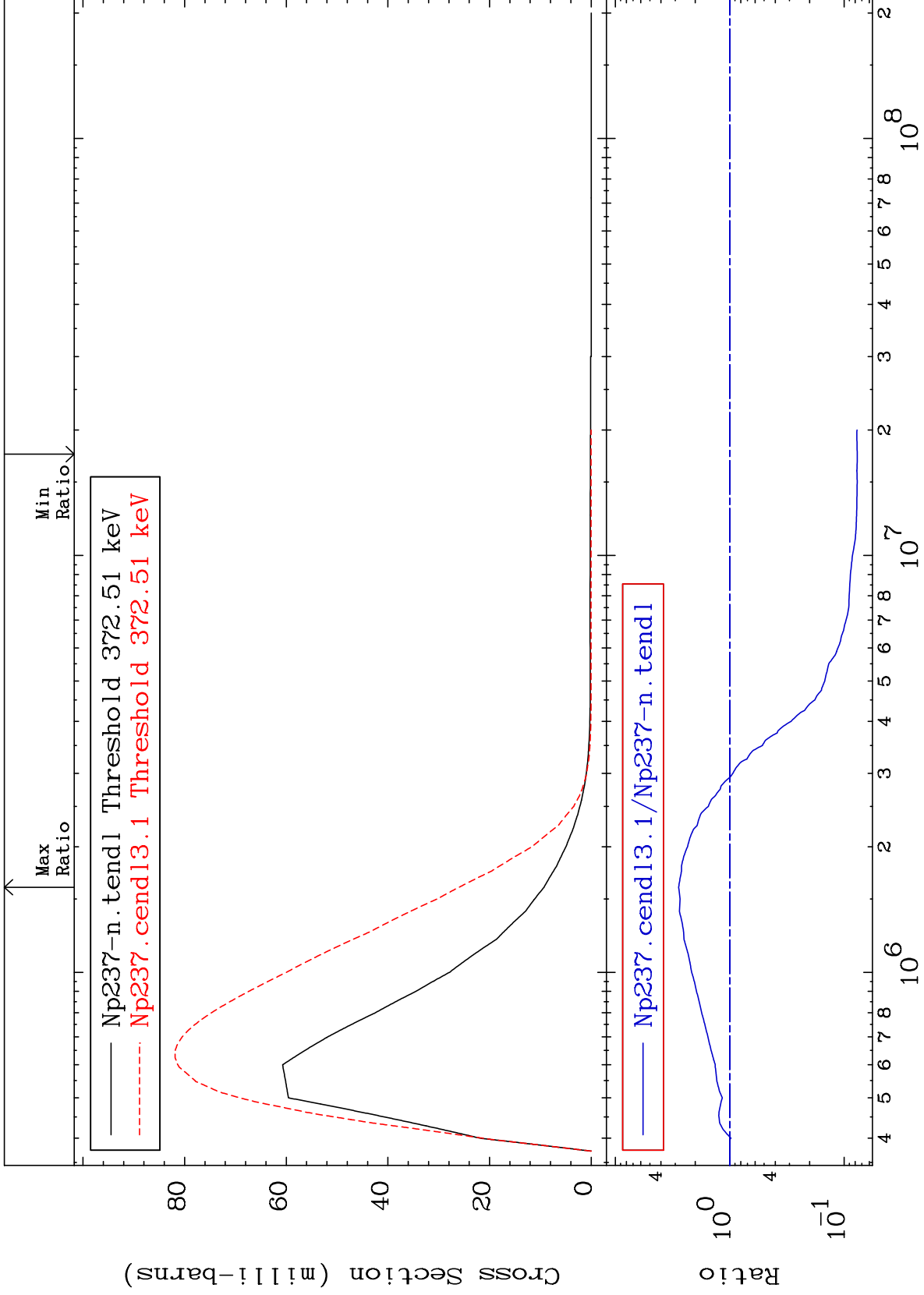
93-Np-237  
-92.15 To 175.4 %



MAT 9346

370.9 keV (n,n') Level  
Cross Section

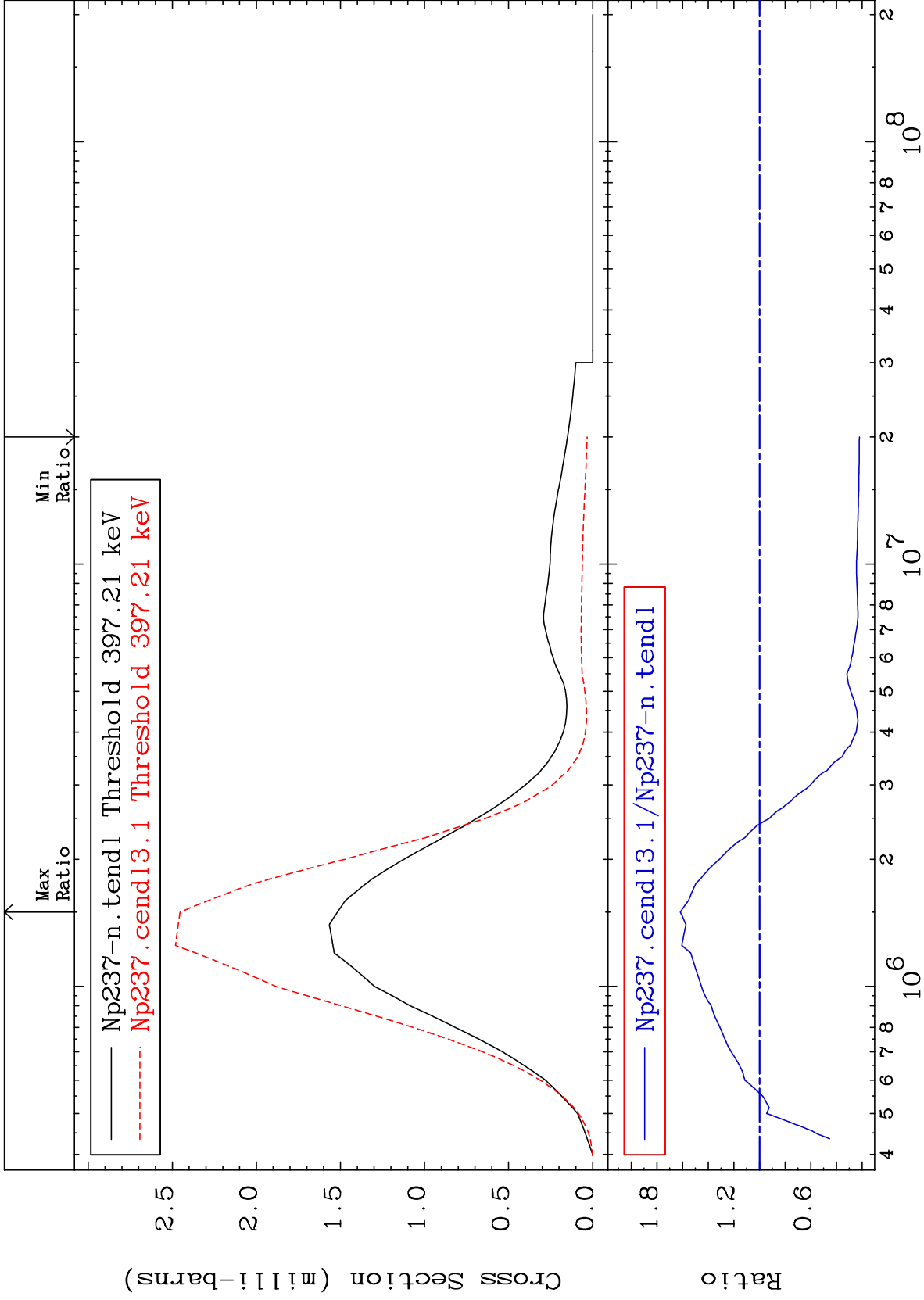
93-Np-237  
-92.33 To 179.9 %



MAT 9346

395.5 keV (n,n') Level  
Cross Section

93-Np-237  
-77.96 To 61.70 %

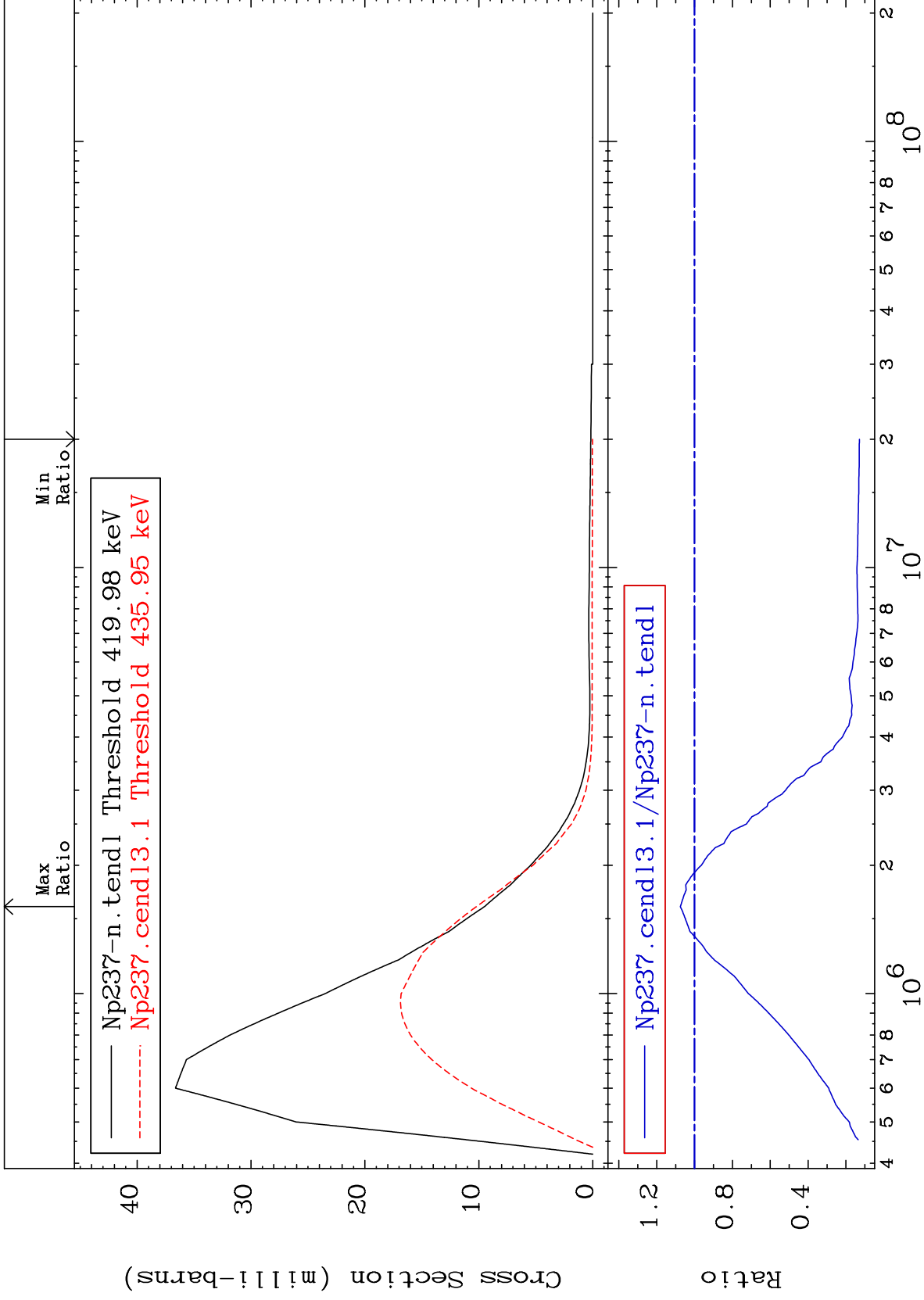




MAT 9346

418.2 keV (n,n') Level  
Cross Section

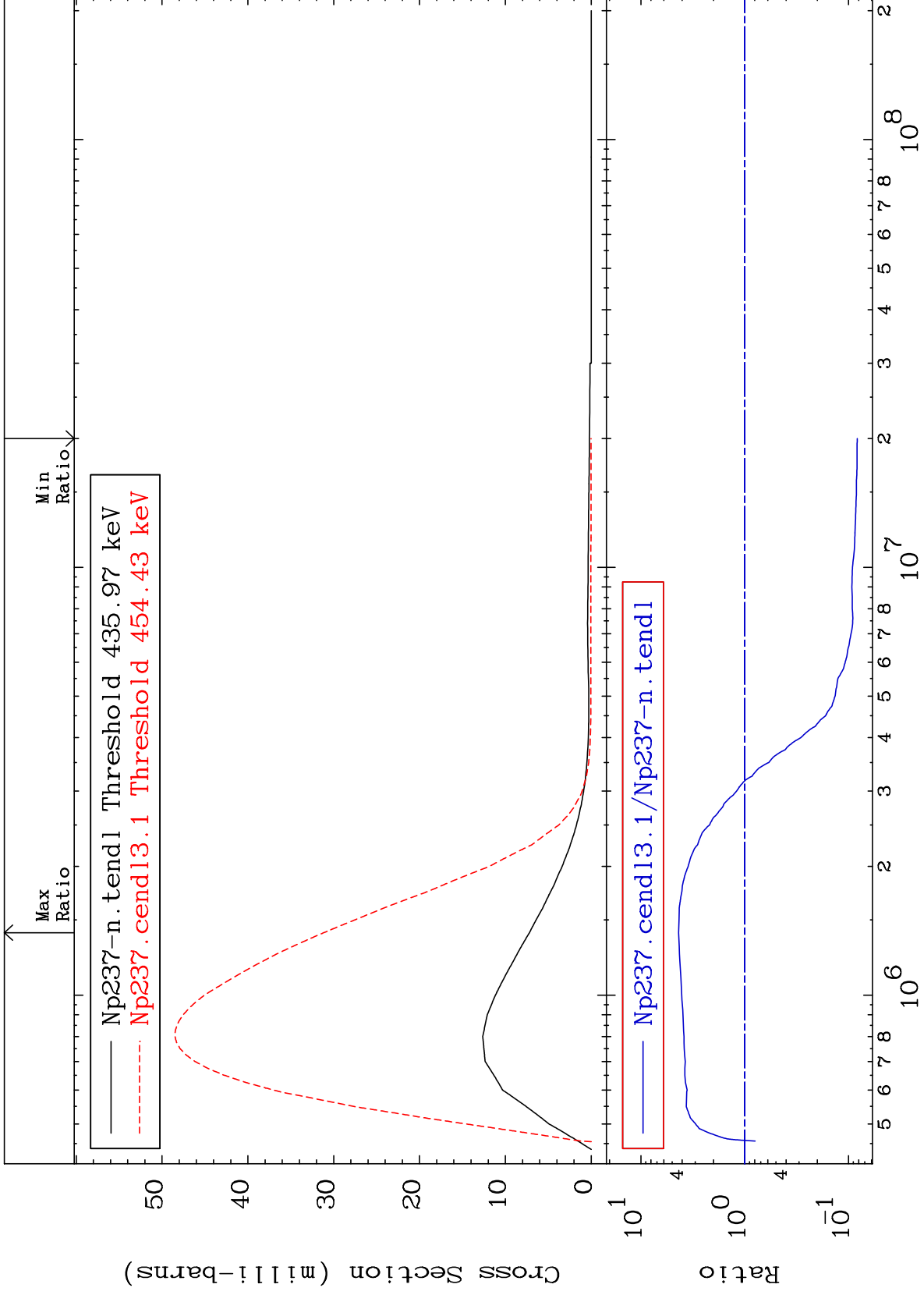
93-Np-237  
-87.13 To 7.514 %



MAT 9346

434.1 keV (n,n') Level  
Cross Section

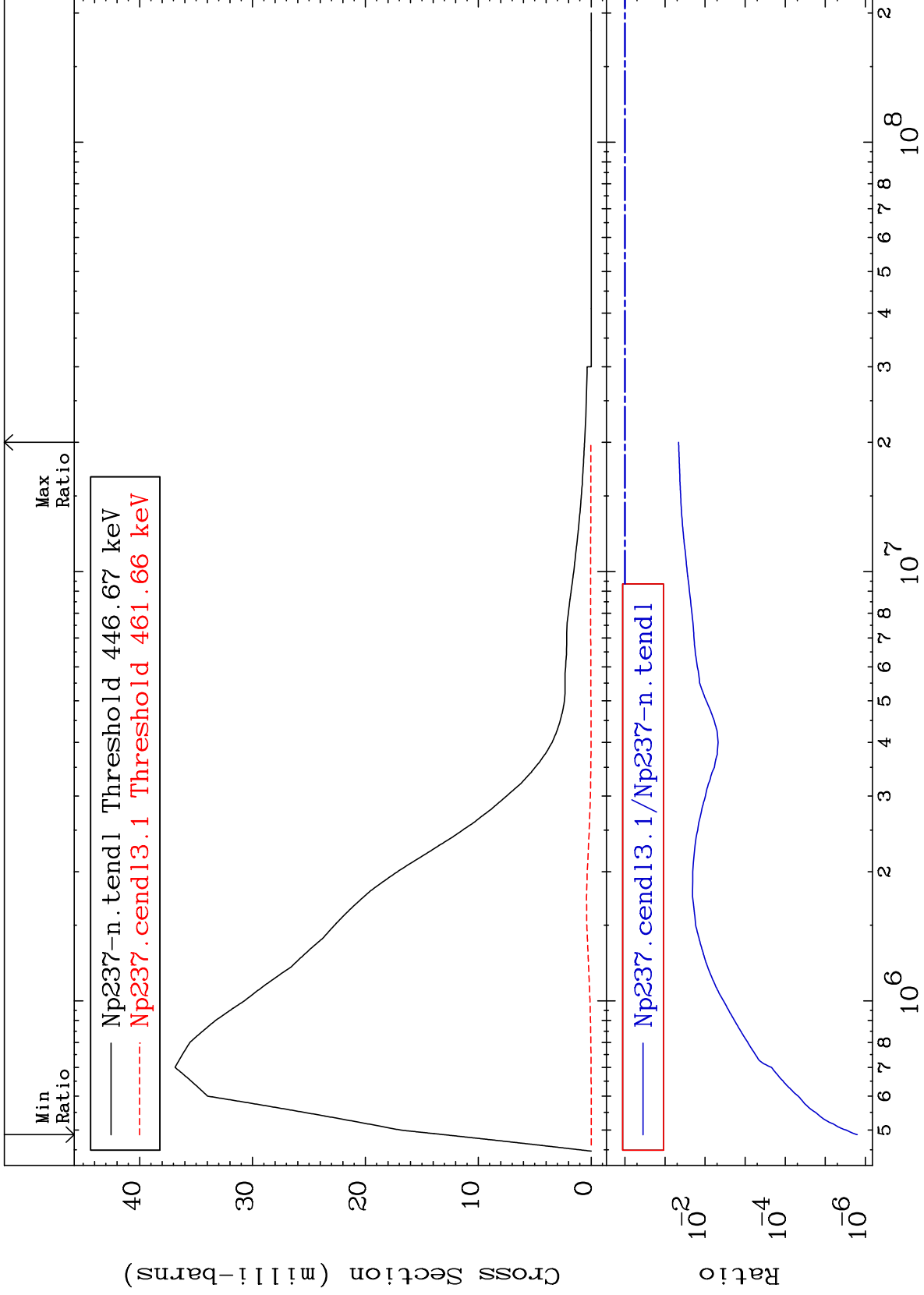
93-Np-237  
-91.75 To 332.9 %



MAT 9346

444.8 keV (n,n') Level  
Cross Section

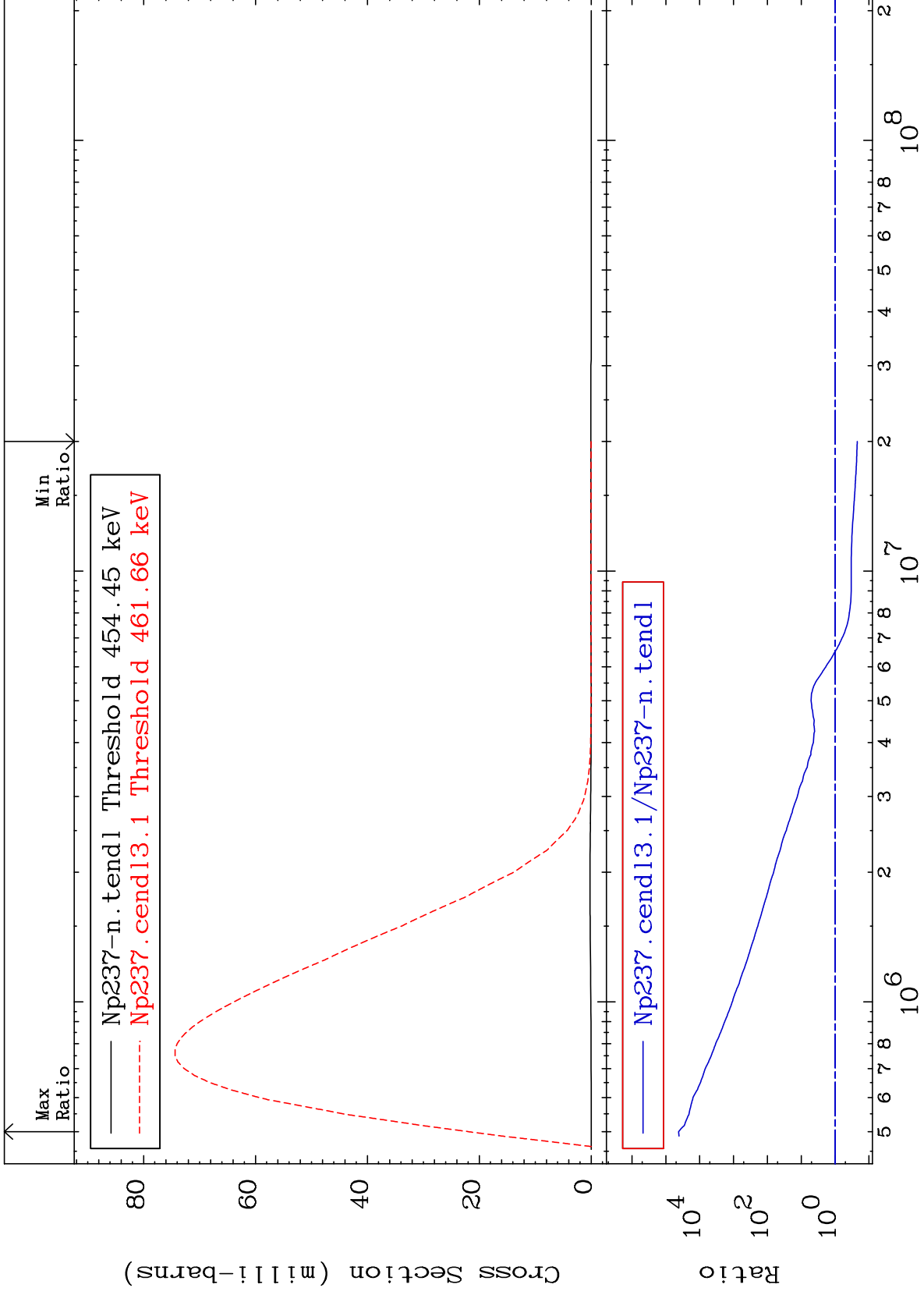
93-Np-237  
-100.0 To -95.43%



MAT 9346

452.5 keV (n,n') Level  
Cross Section

93-Np-237  
-77.78 To 9999. %



30

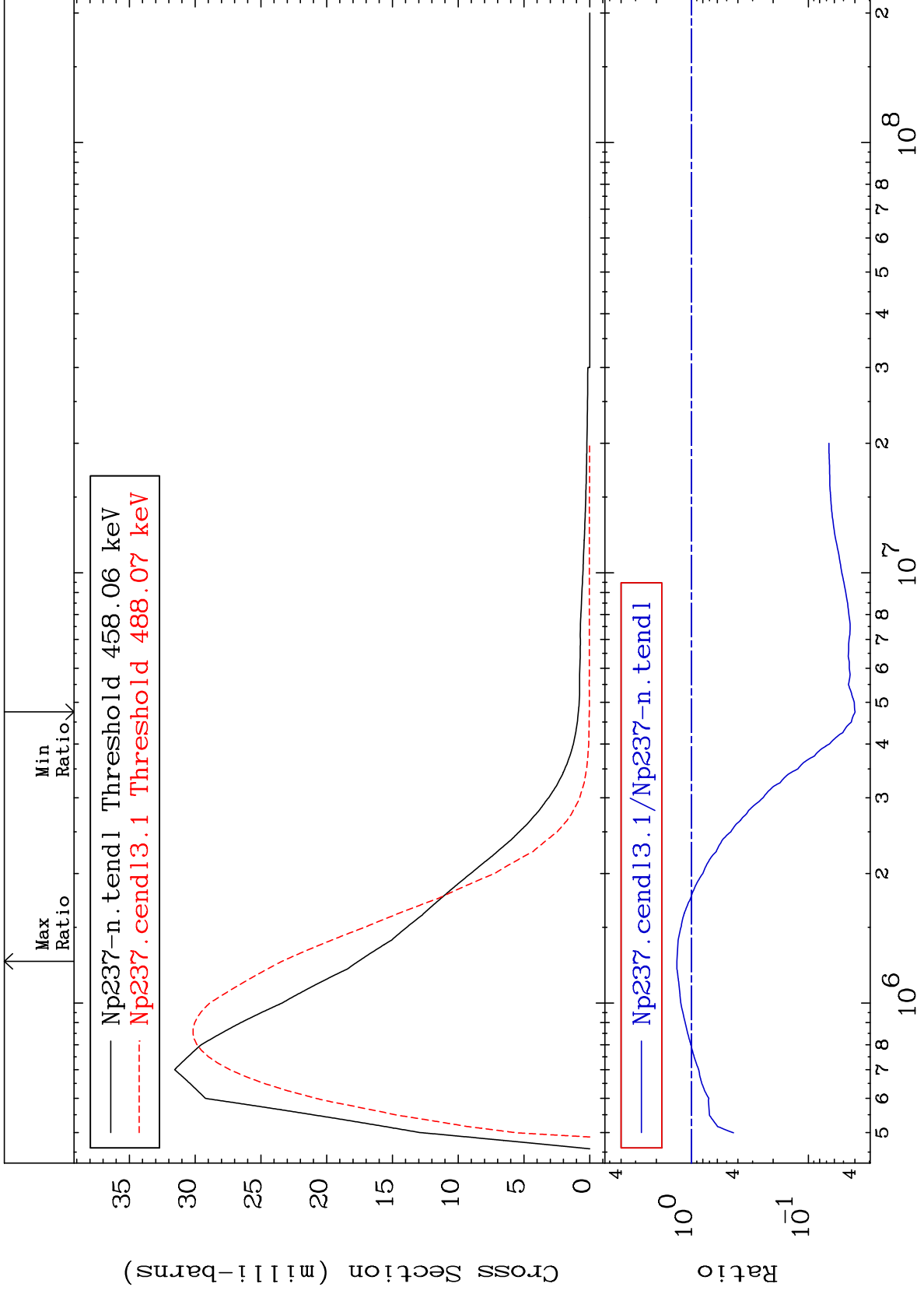
Incident Energy (eV)

93-Np-237

MAT 9346

456.1 keV (n,n') Level  
Cross Section

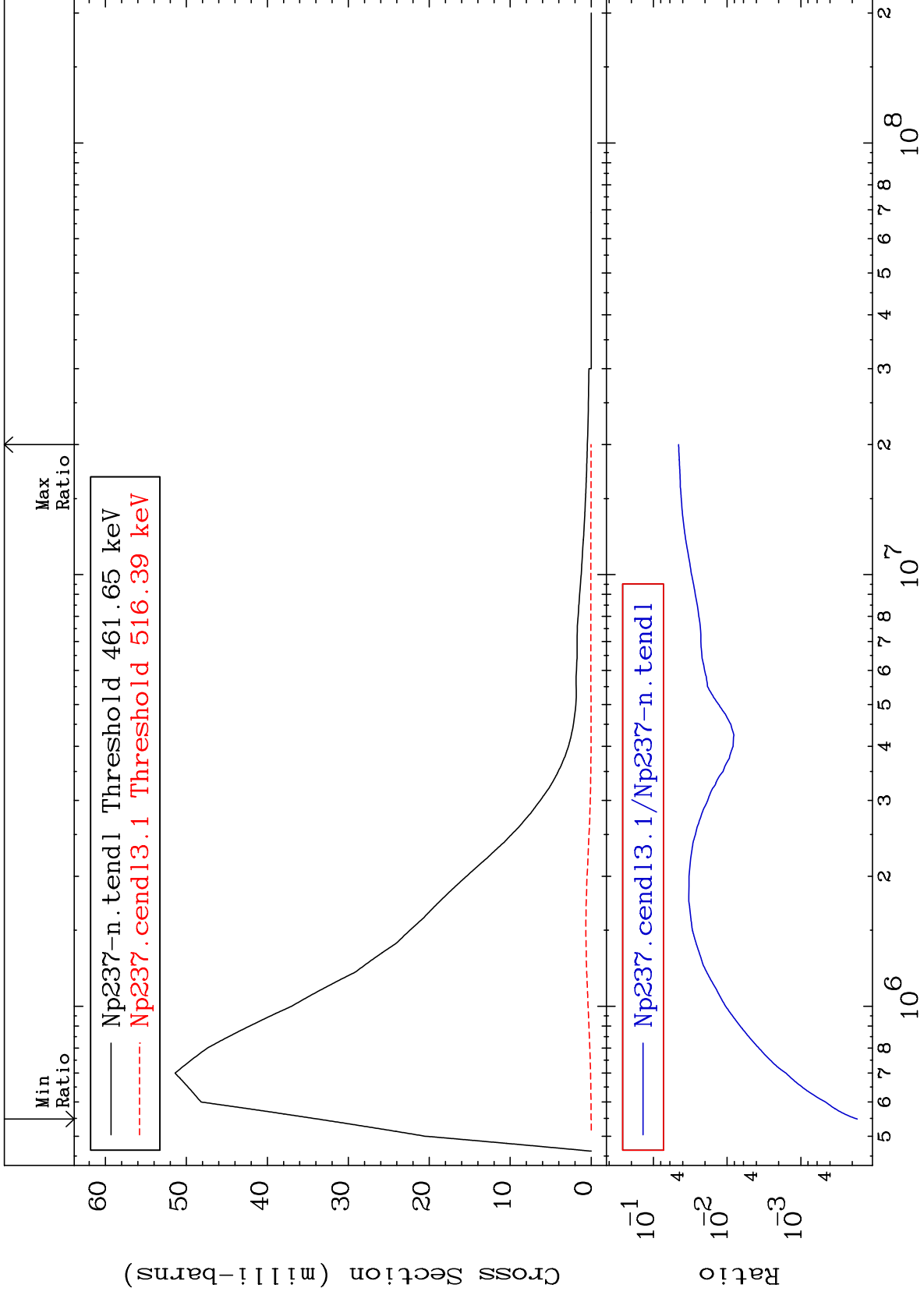
93-Np-237  
-96.02 To 33.09 %



MAT 9346

459.7 keV (n,n') Level  
Cross Section

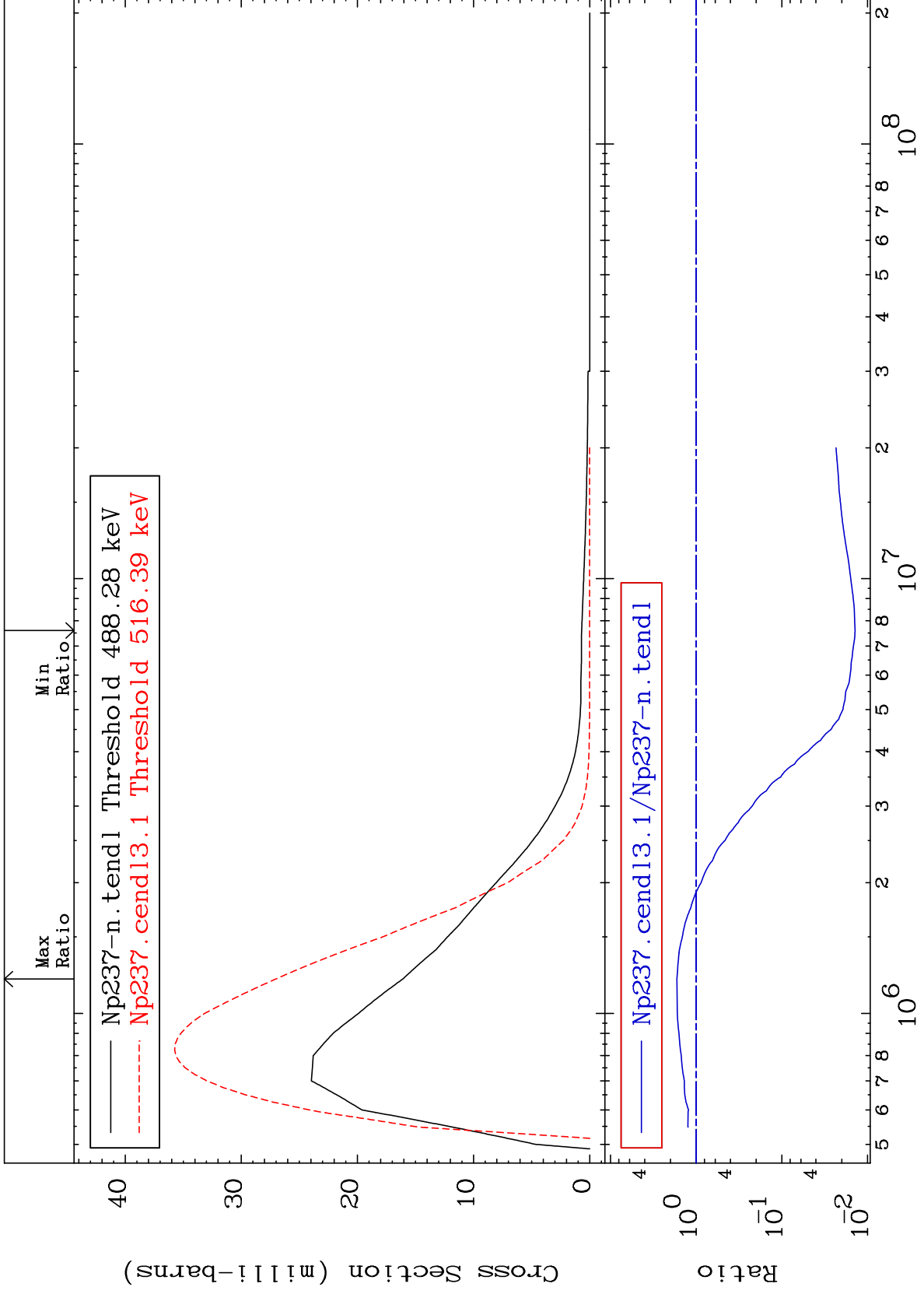
93-Np-237  
-99.98 To -95.44%



MAT 9346

486.2 keV (n,n') Level  
Cross Section

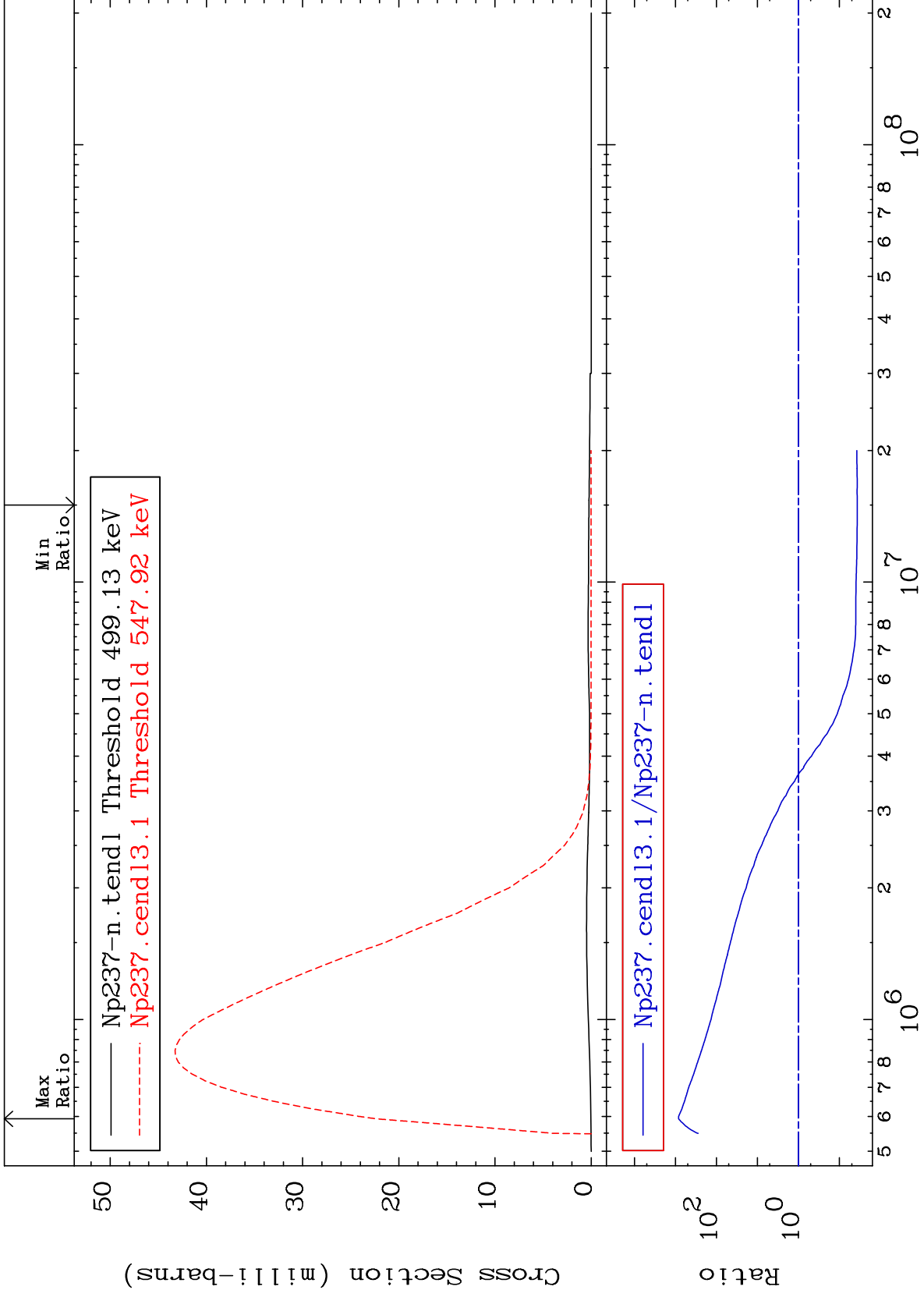
93-Np-237  
-98.60 To 68.05 %



MAT 9346

497.0 keV (n,n') Level  
Cross Section

93-Np-237  
-96.33 To 9999. %

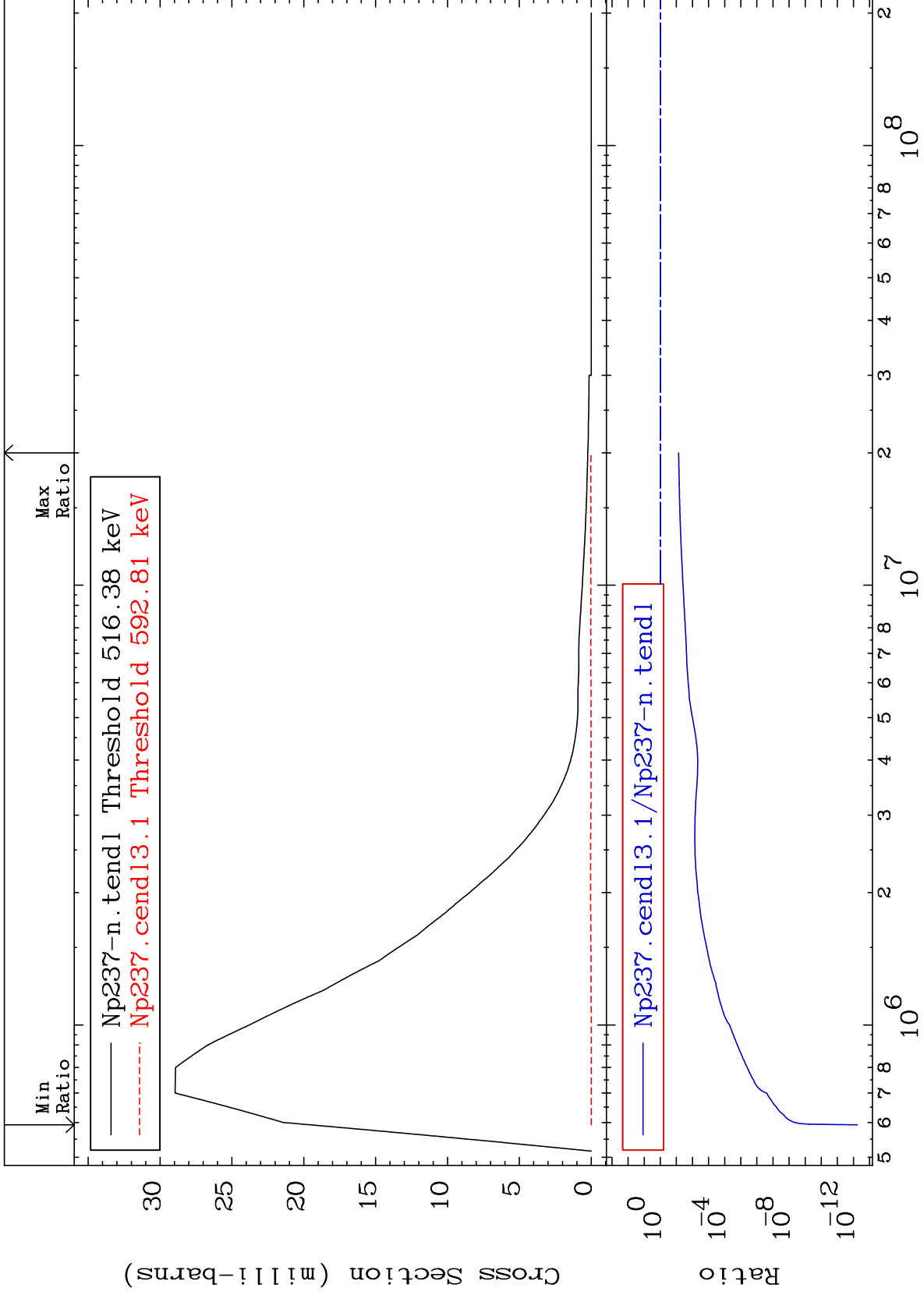




MAT 9346

514.2 keV (n,n') Level  
Cross Section

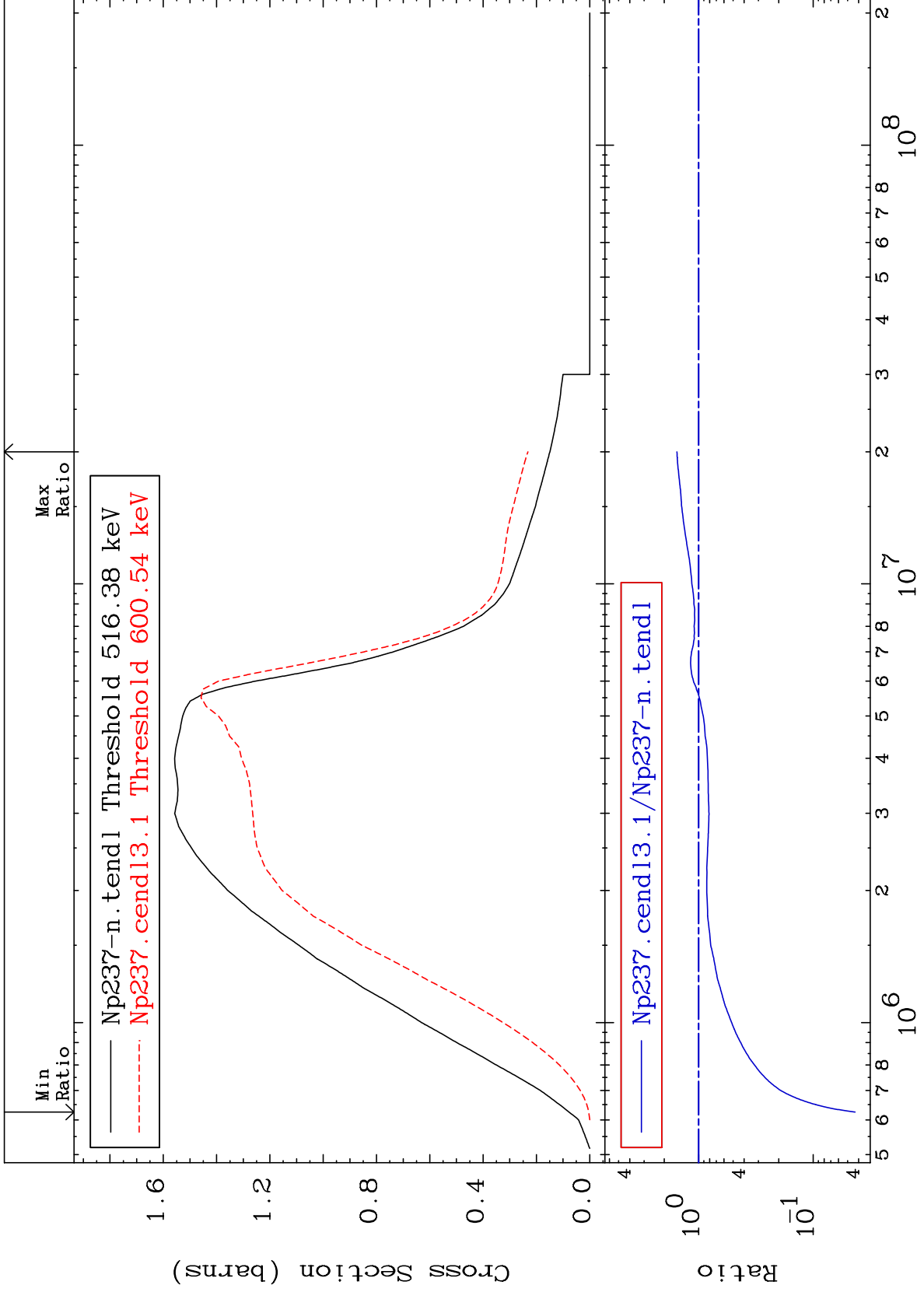
93-Np-237  
-100.0 To -92.76%



MAT 9346

(n, n') Continuum  
Cross Section

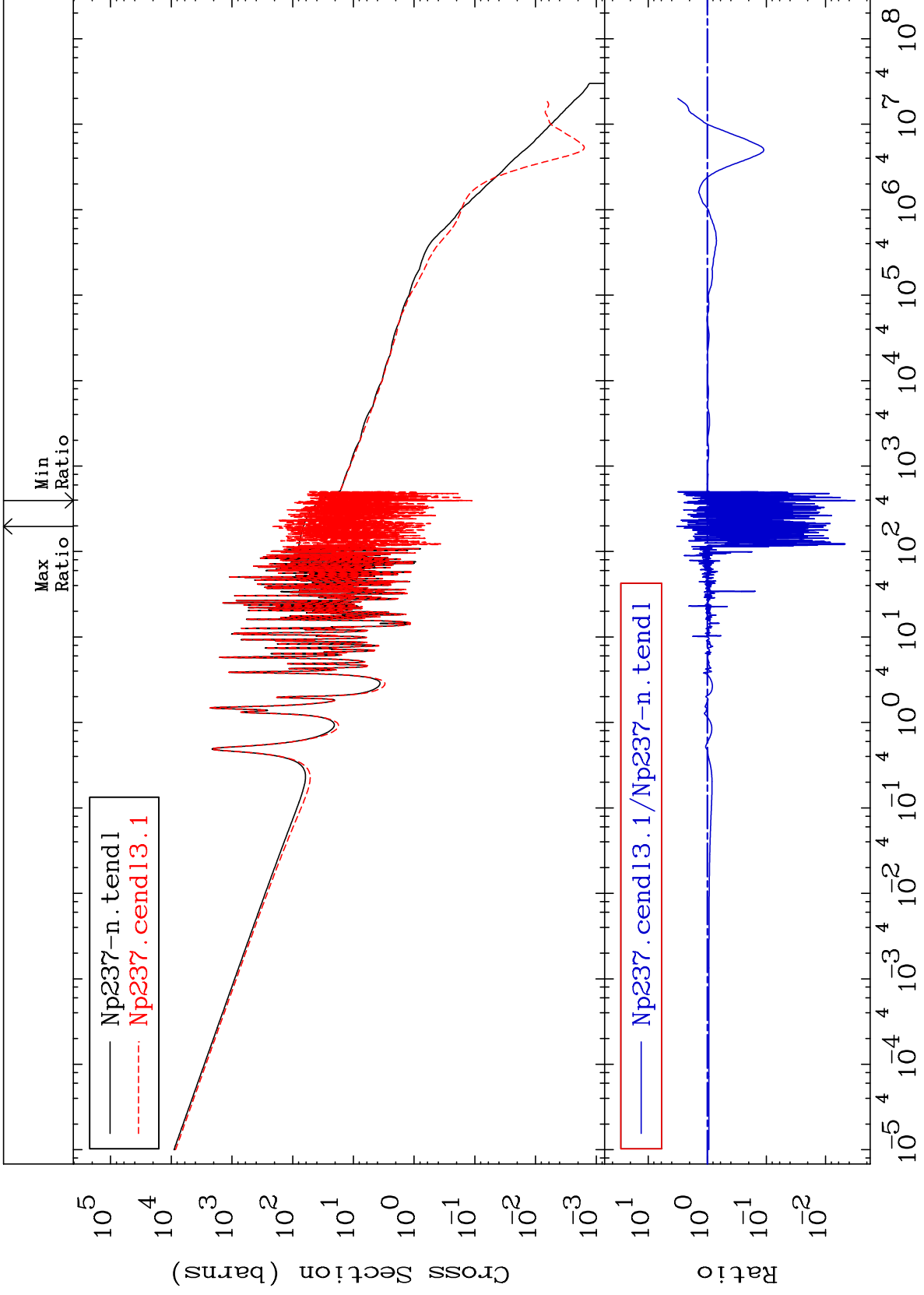
93-Np-237  
-95.70 To 54.75 %



MAT 9346

(n,  $\gamma$ )  
Cross Section

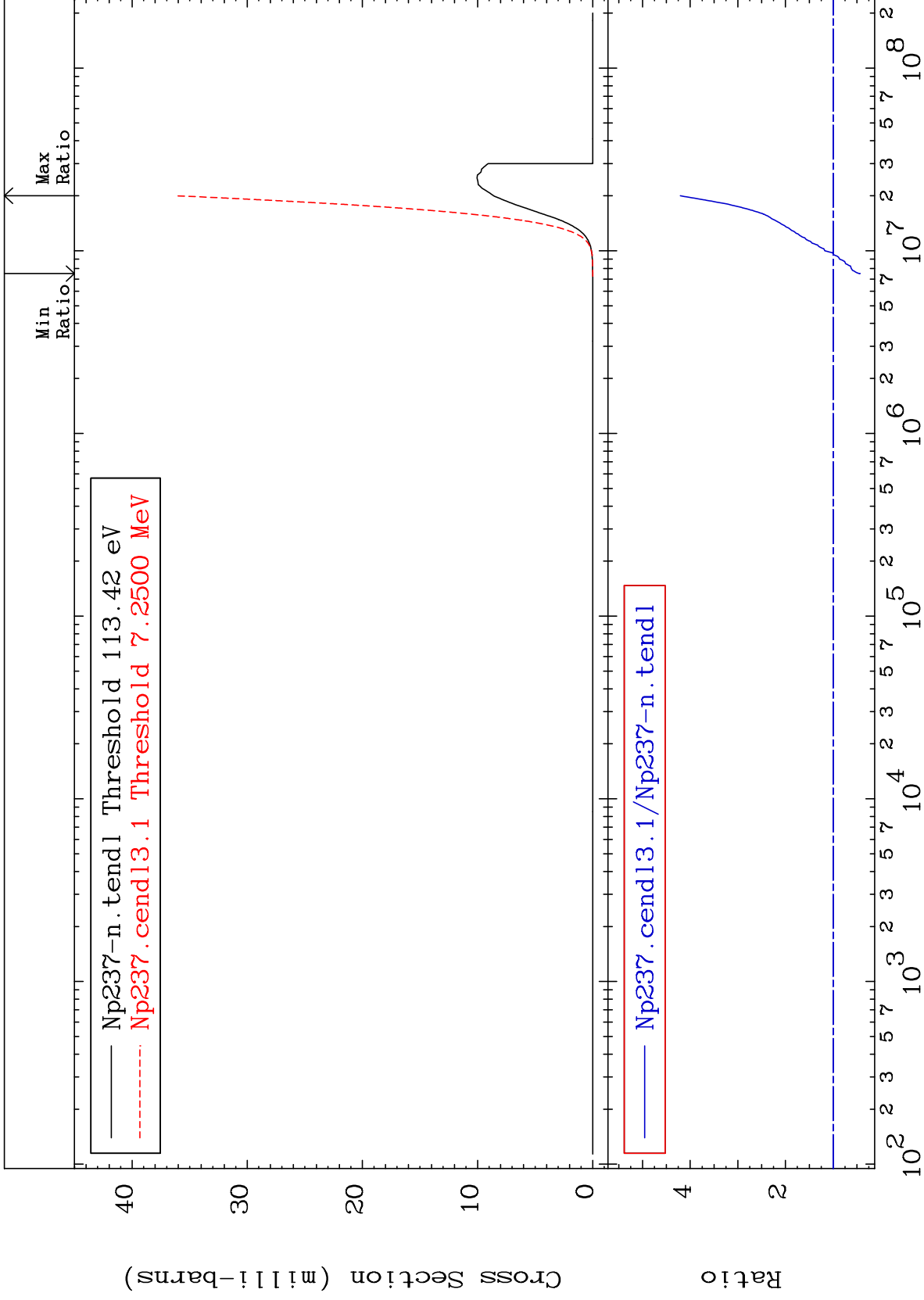
93-Np-237  
-99.68 To 228.9 %



MAT 9346

(n, p)  
Cross Section

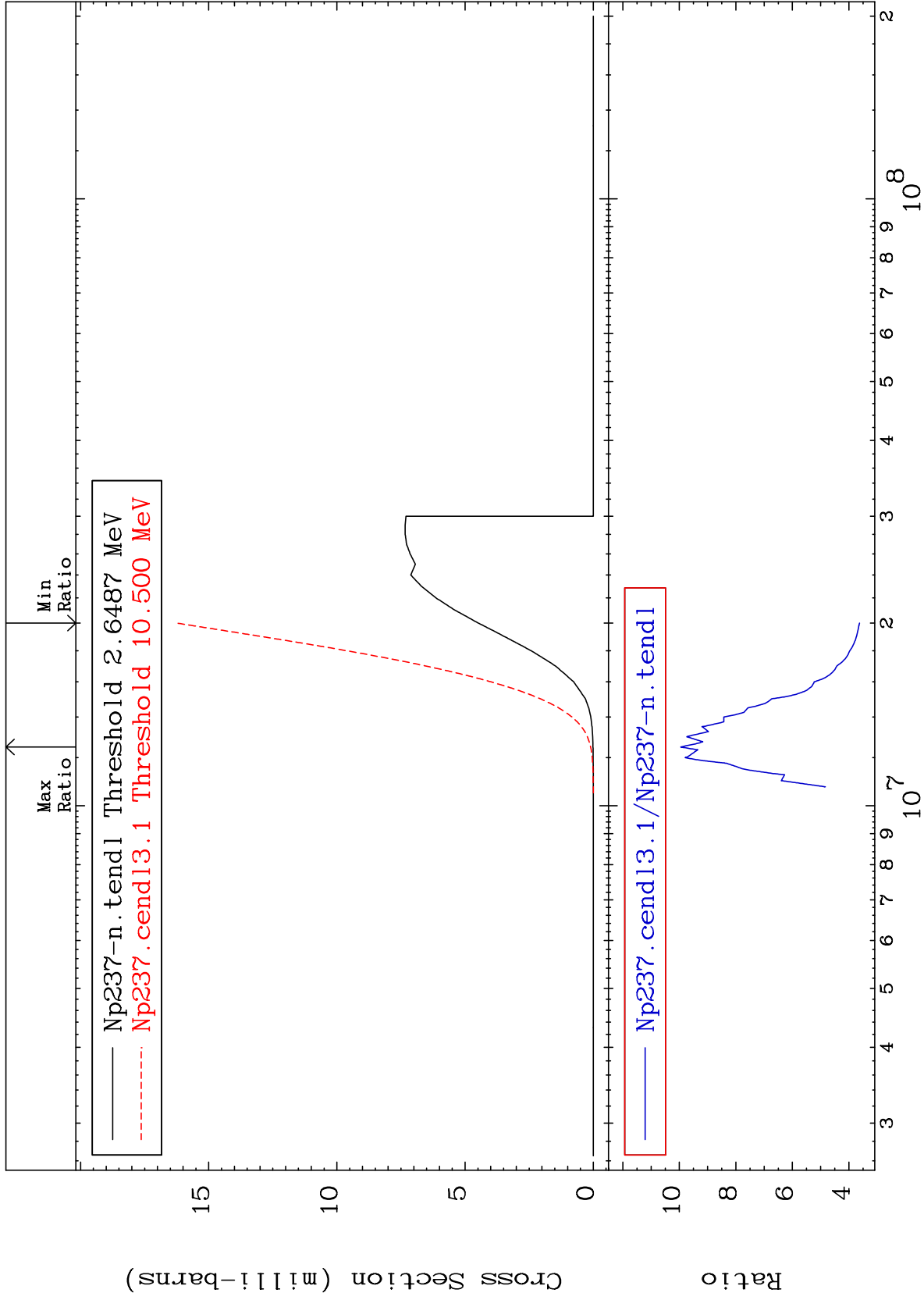
93-Np-237  
-55.22 To 320.7 %



MAT 9346

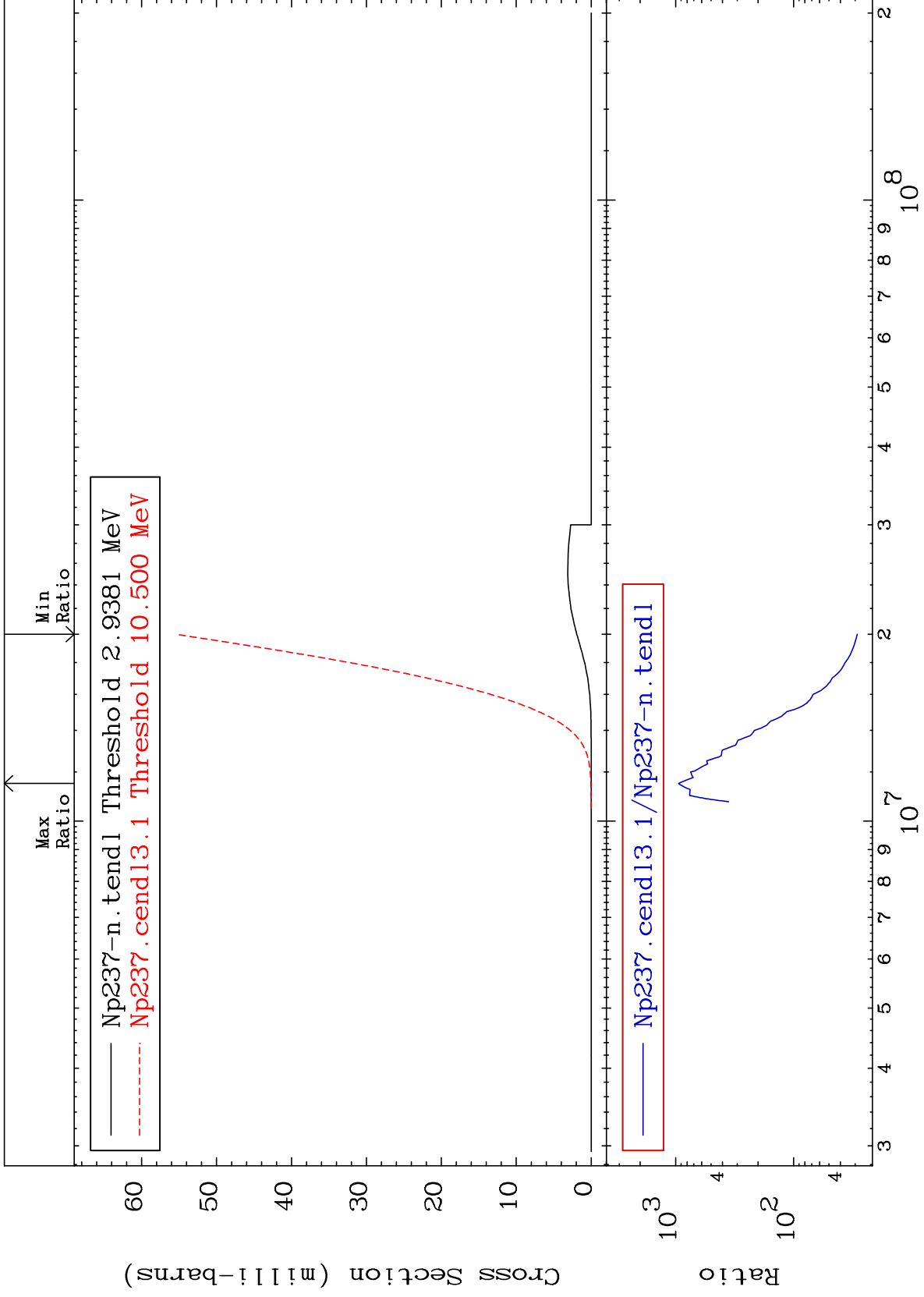
93-Np-237  
262.3 To 895.0 %

(n, d)  
Cross Section



MAT 9346

(n, t)  
Cross Section  
2780. To 9999. %  
93-Np-237



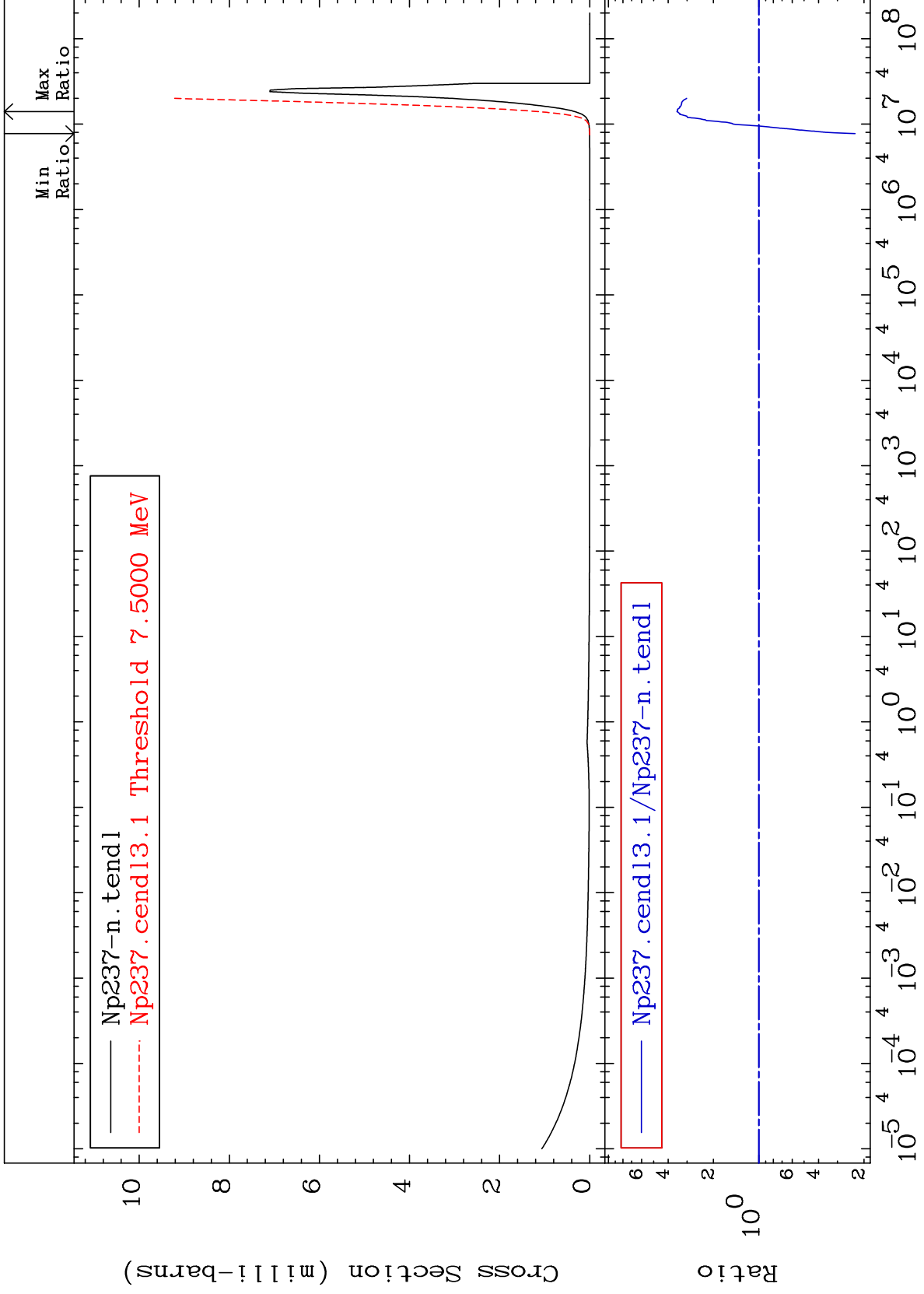
40

93-Np-237

MAT 9346

(n,  $\alpha$ )  
Cross Section

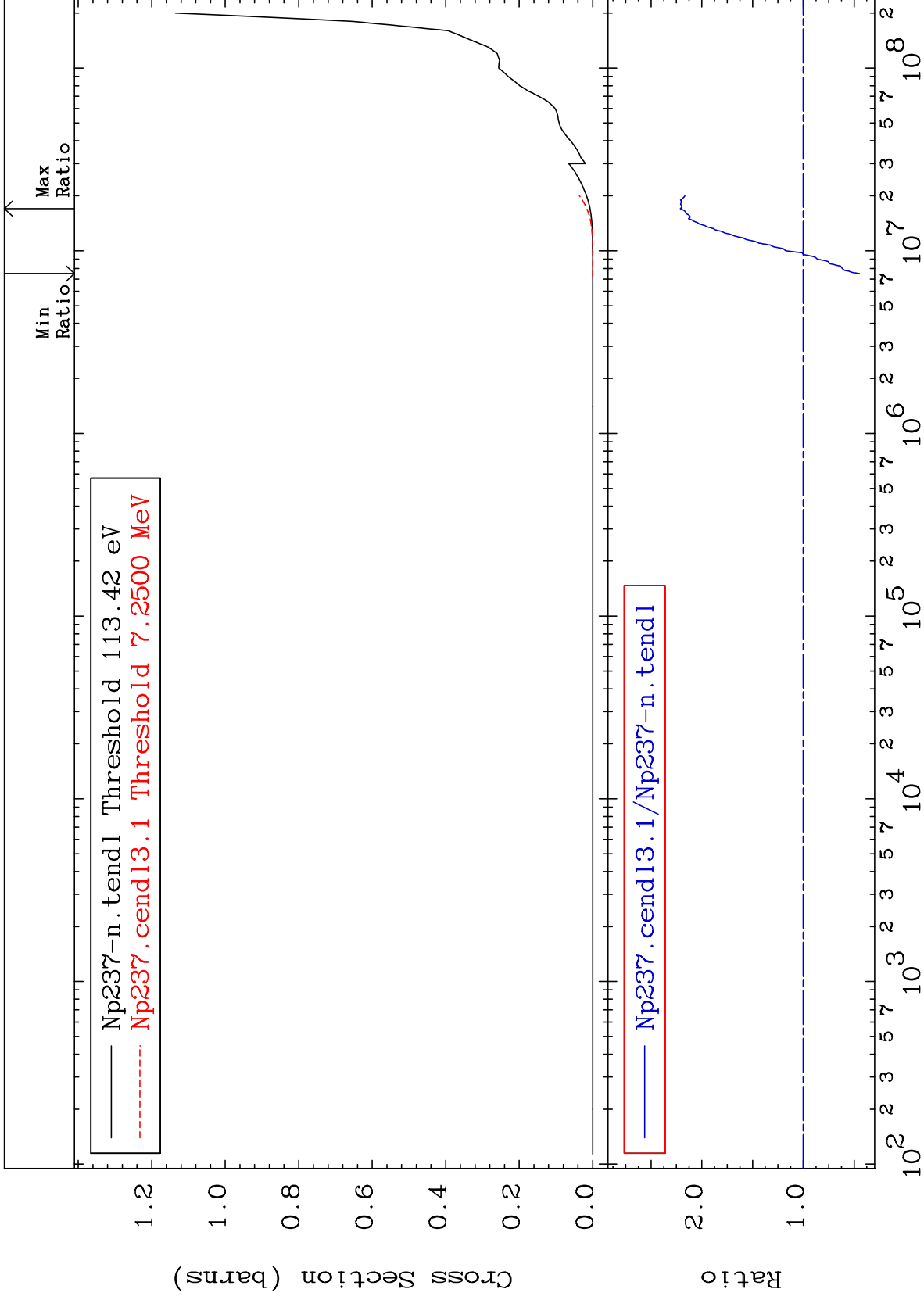
93-Np-237  
-77.09 To 250.0 %



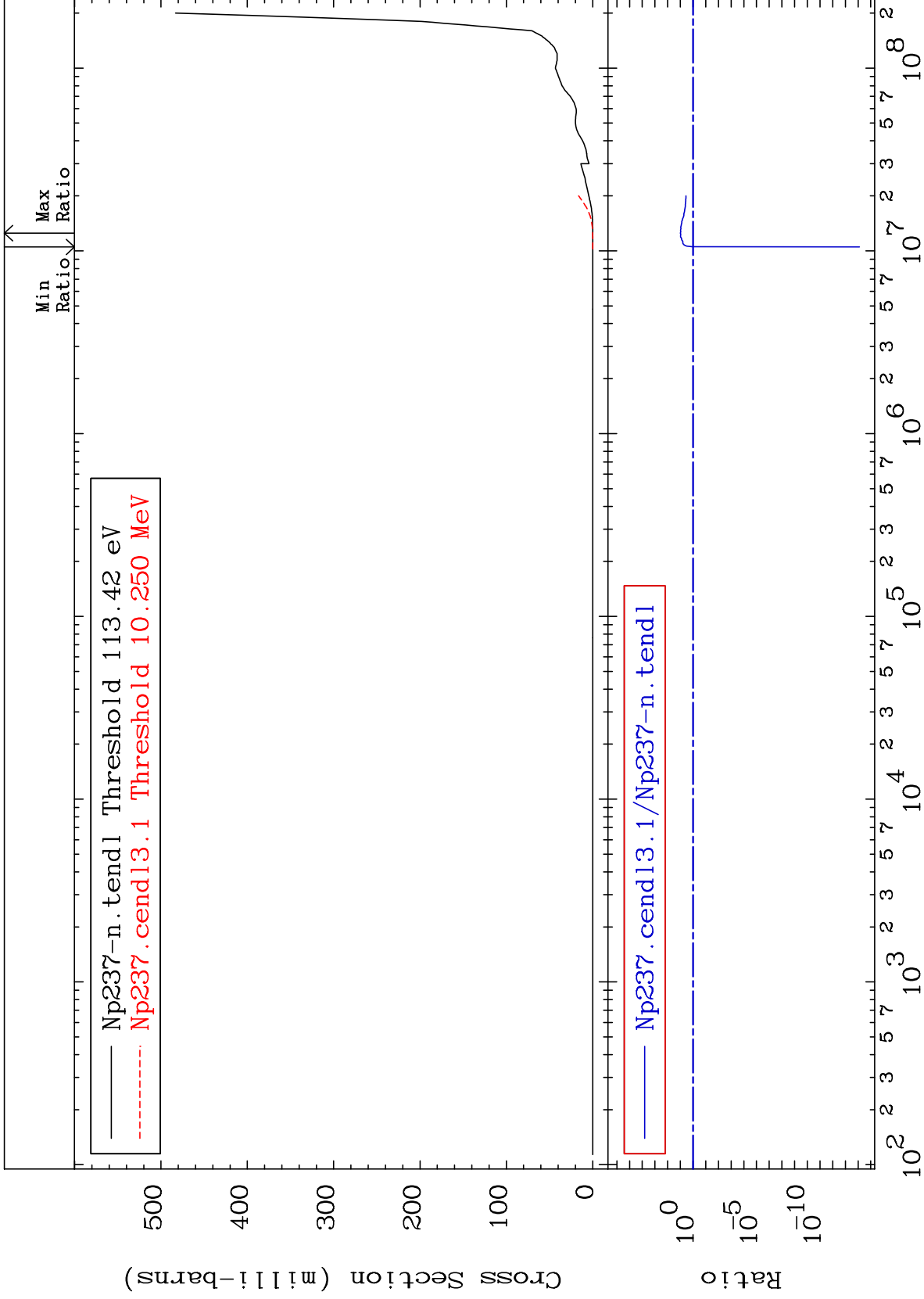
MAT 9346

Hydrogen Production  
Cross Section

93-Np-237  
-55.22 To 121.1 %



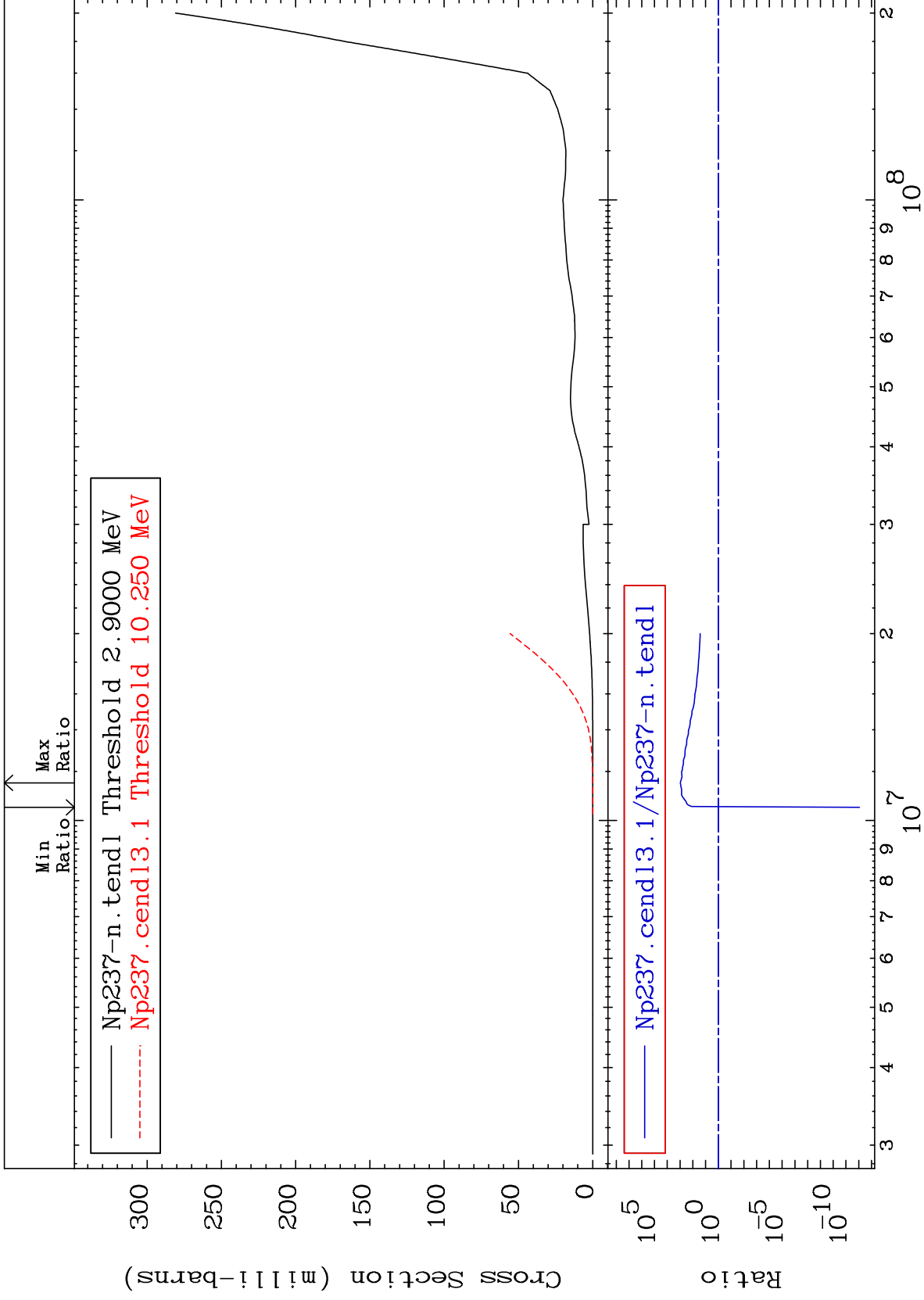




MAT 9346

Tritium Production  
Cross Section

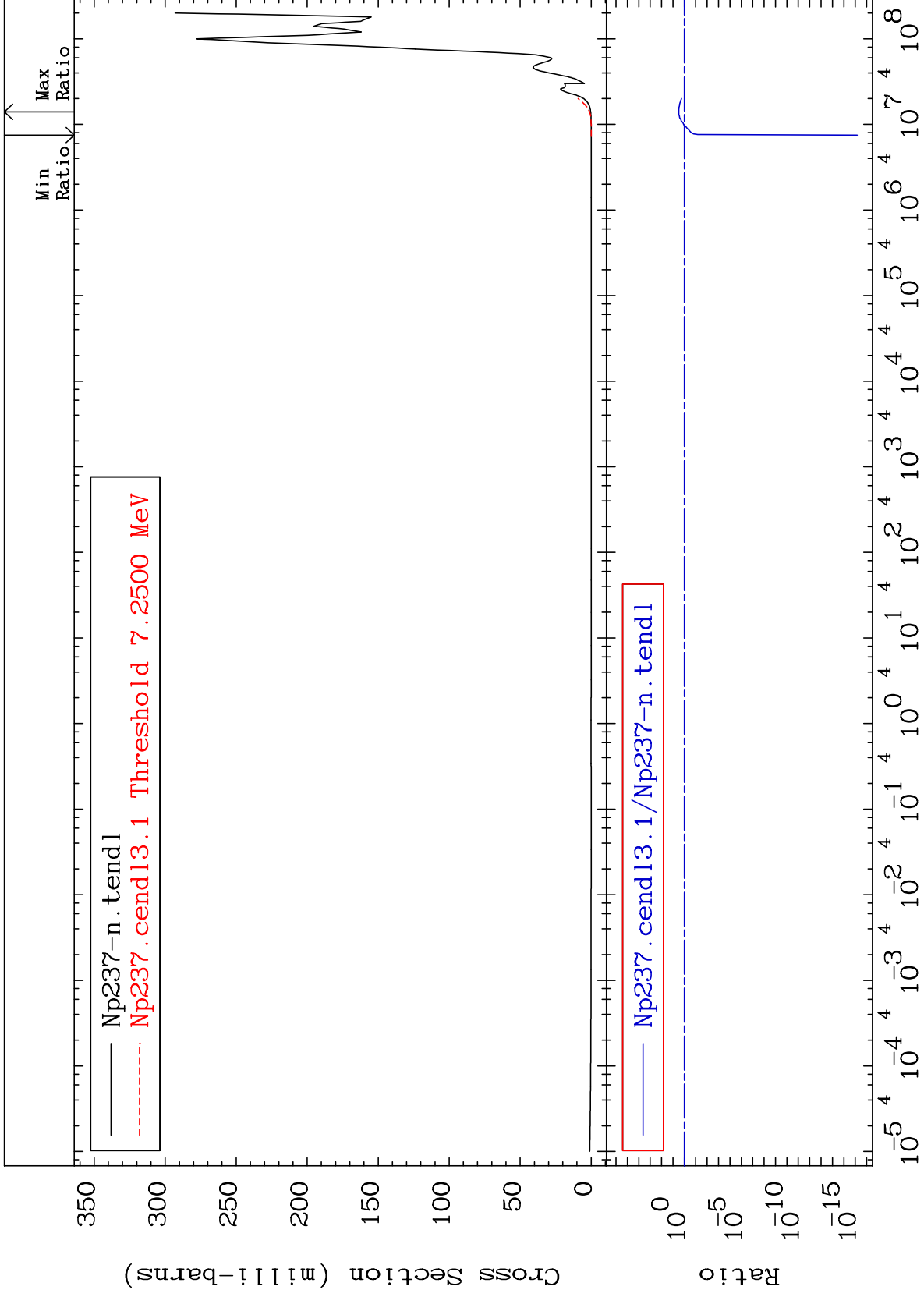
93-Np-237  
-100.0 To 9999. %



MAT 9346

He-4 Production  
Cross Section

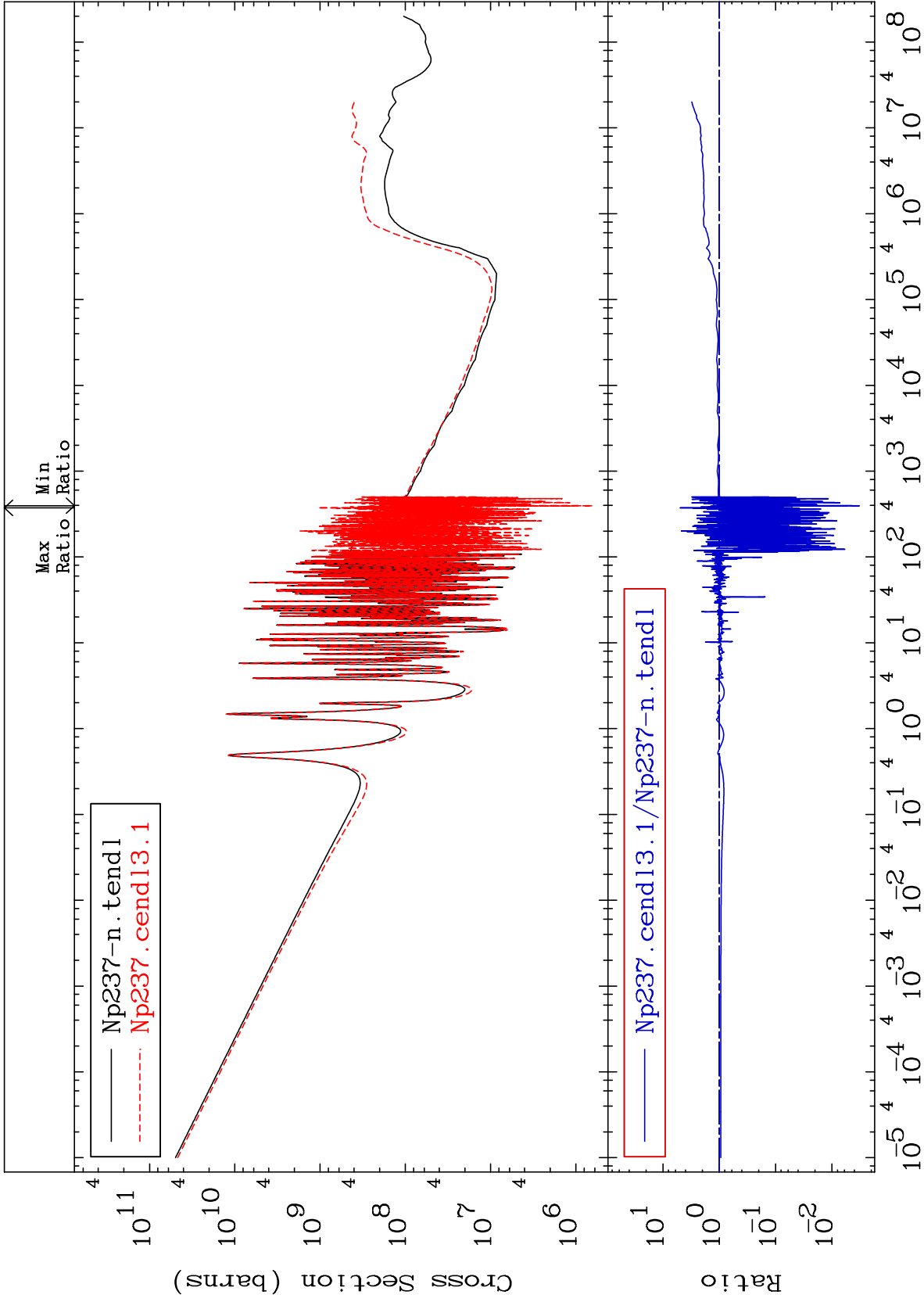
93-Np-237  
-100.0 To 216.7 %



45

Incident Energy (eV)

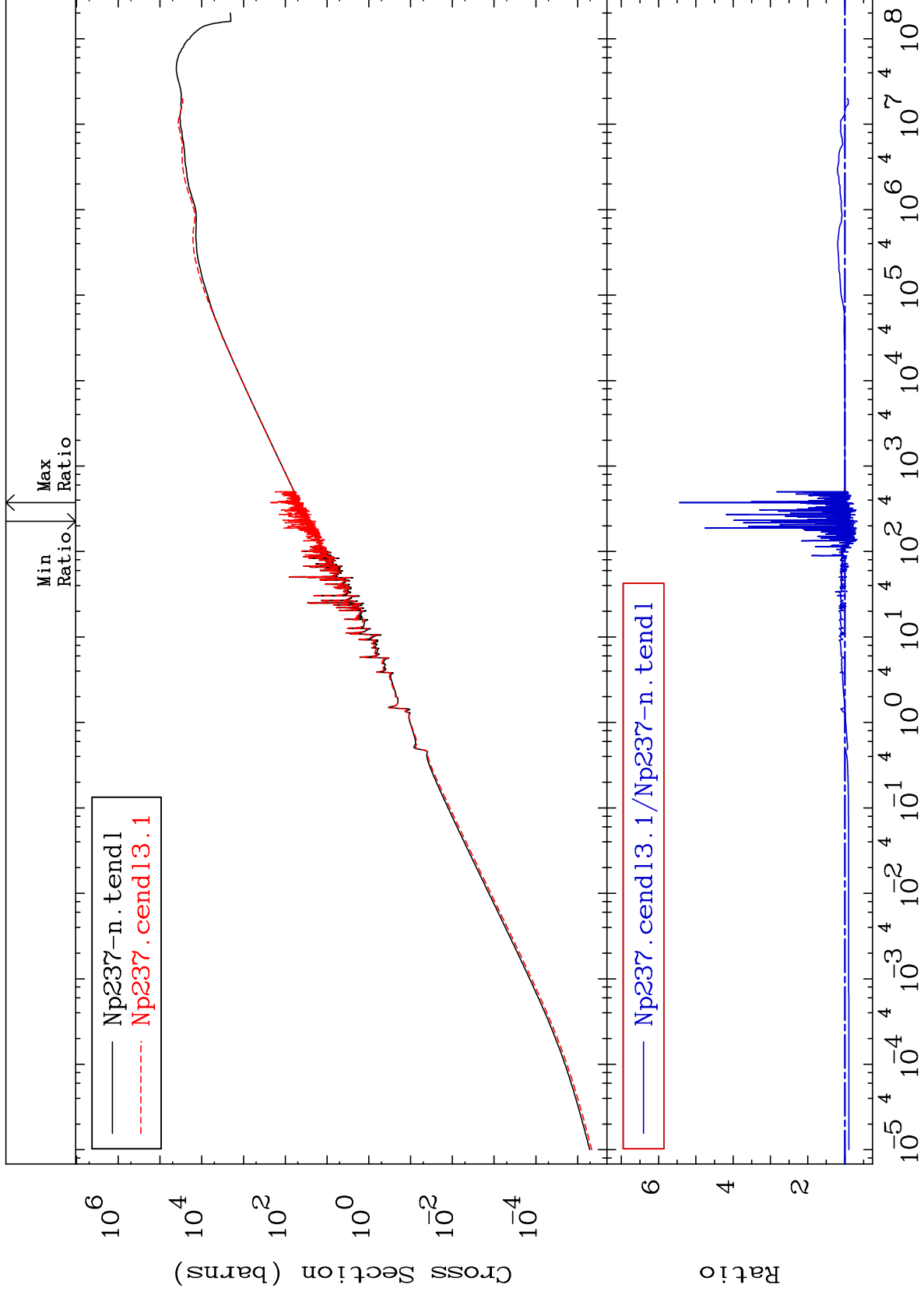
93-Np-237



MAT 9346

Kerma elastic  
Cross Section

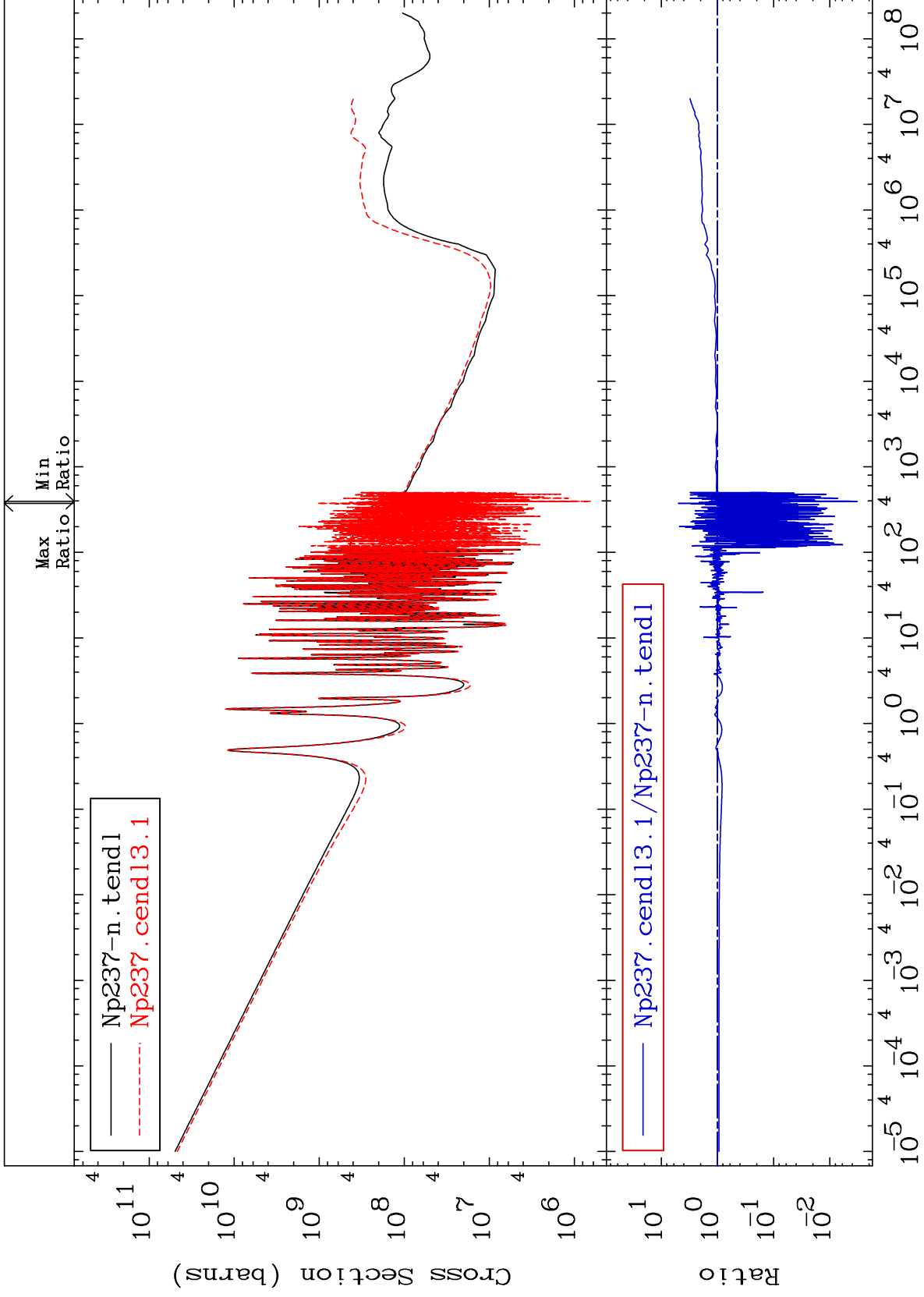
93-Np-237  
-33.43 To 445.1 %

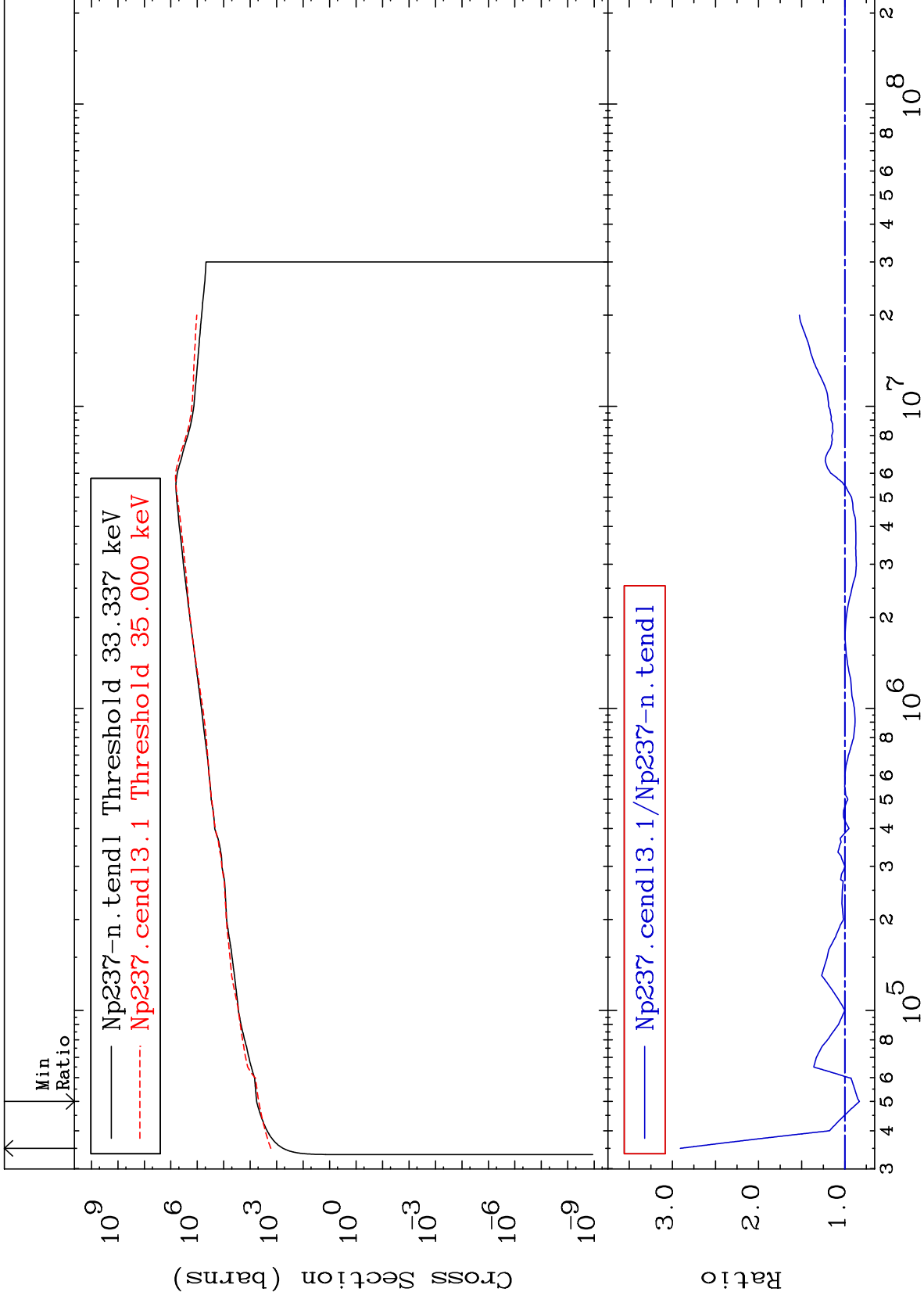


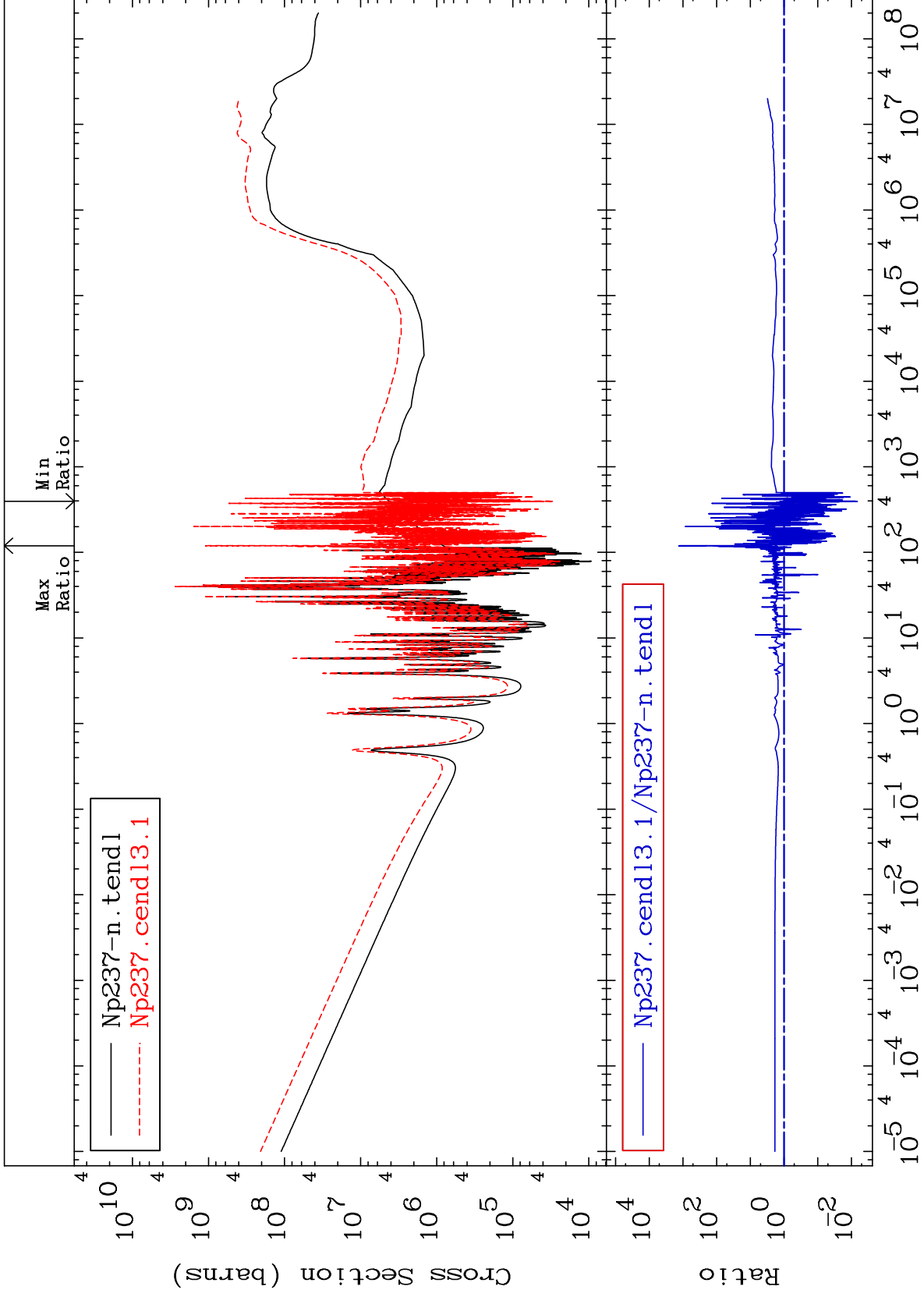
47

Incident Energy (eV)

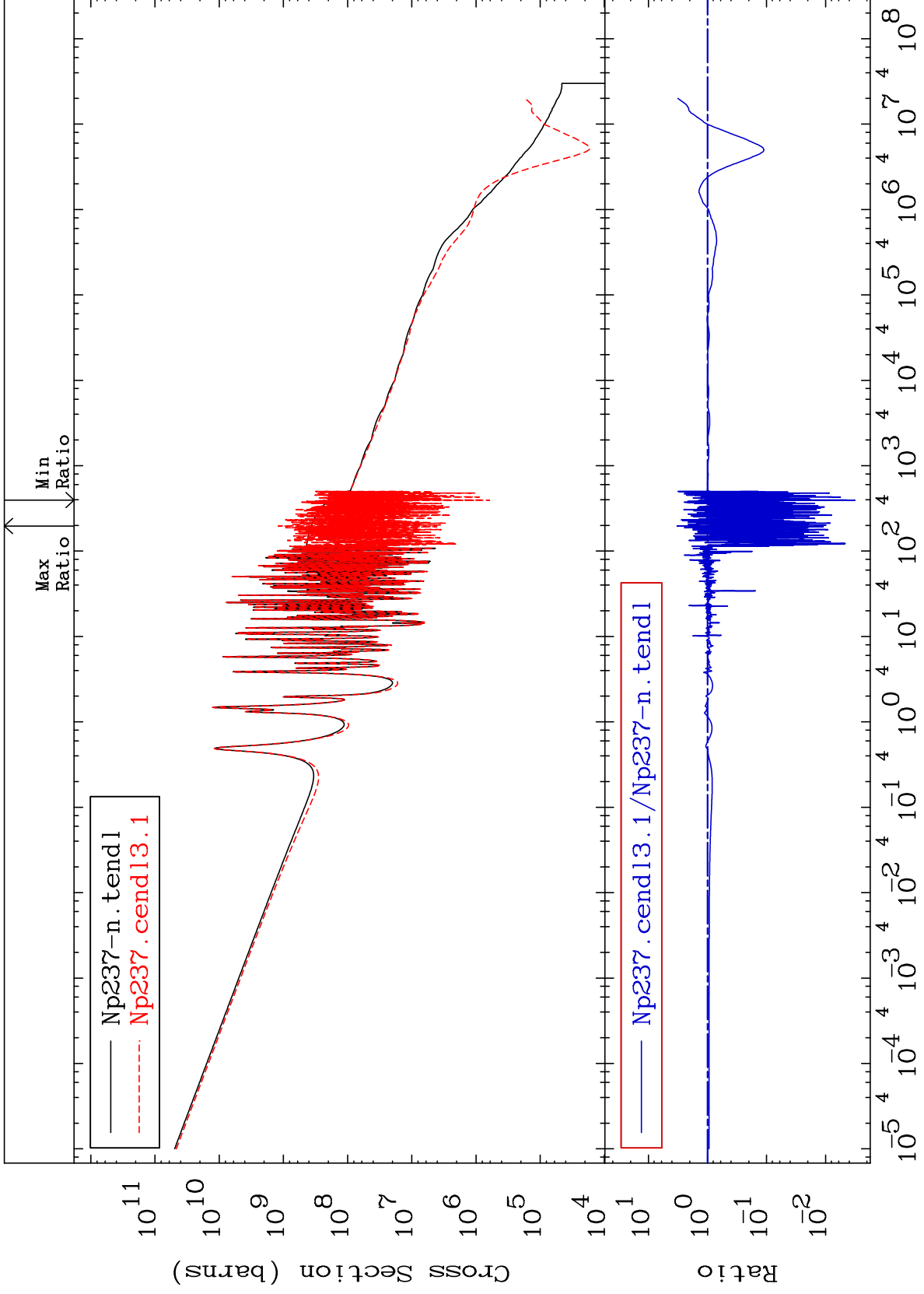
93-Np-237

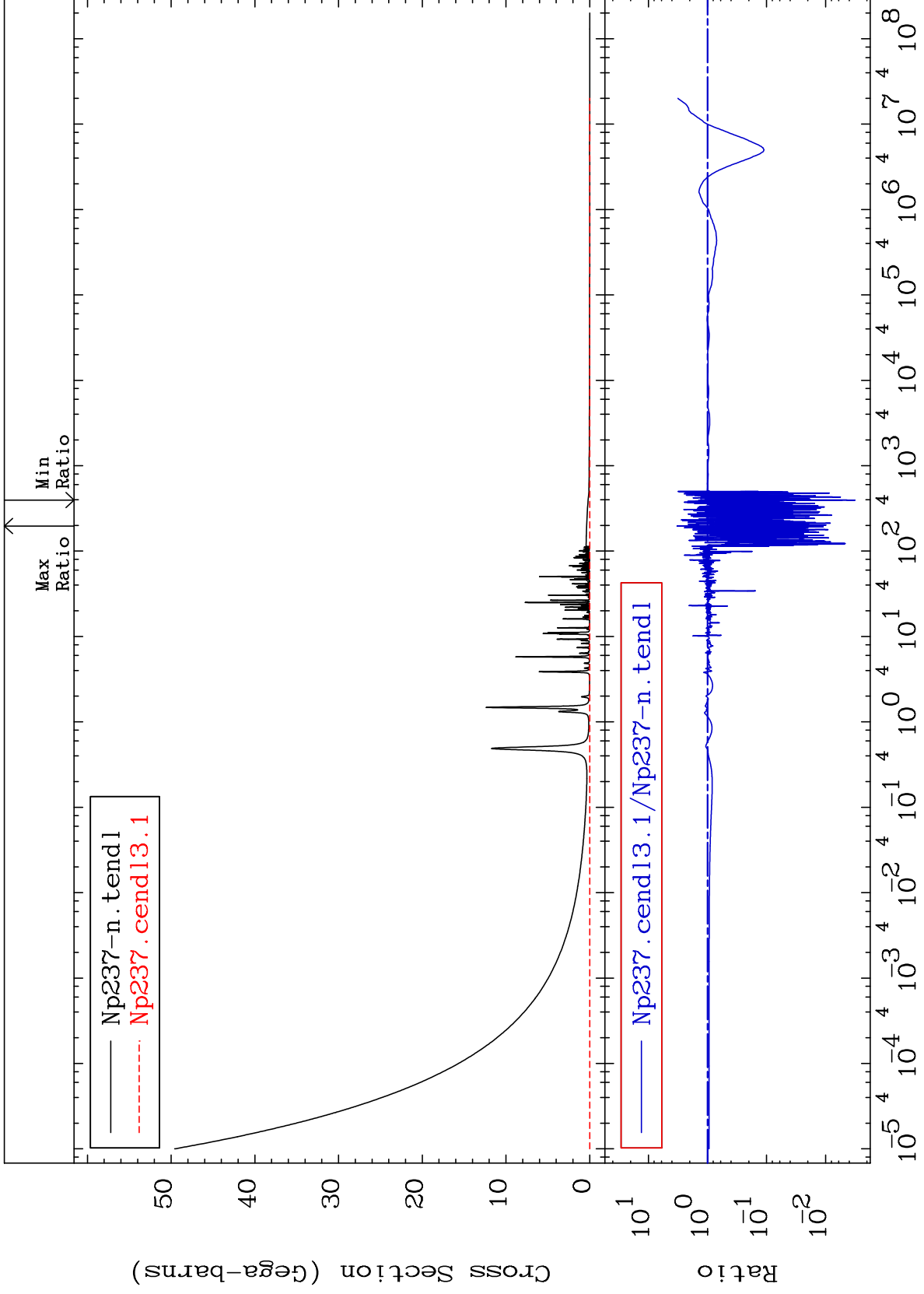










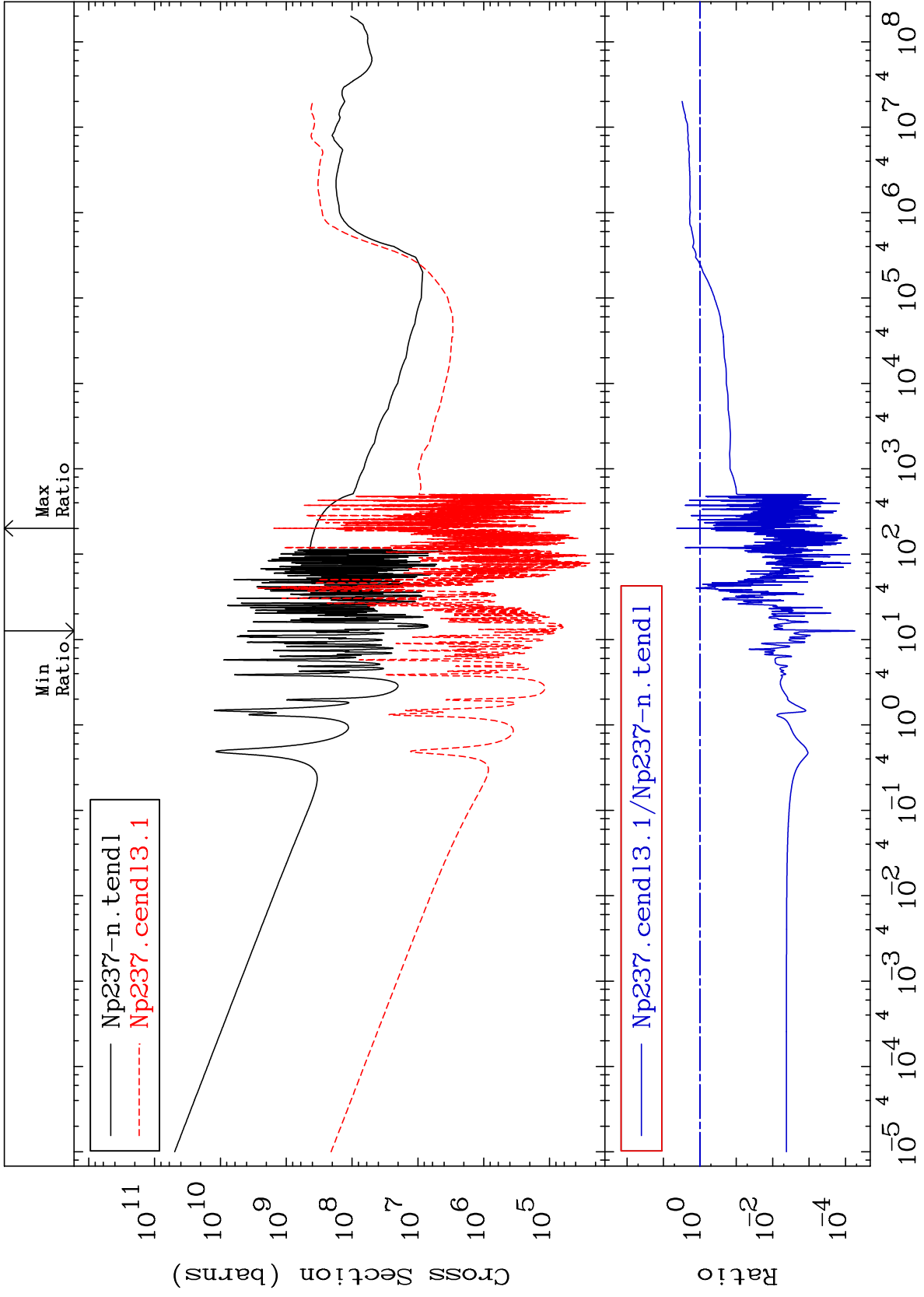


MAT 9346

Total kinematic kerma (high limit)

93-Np-237

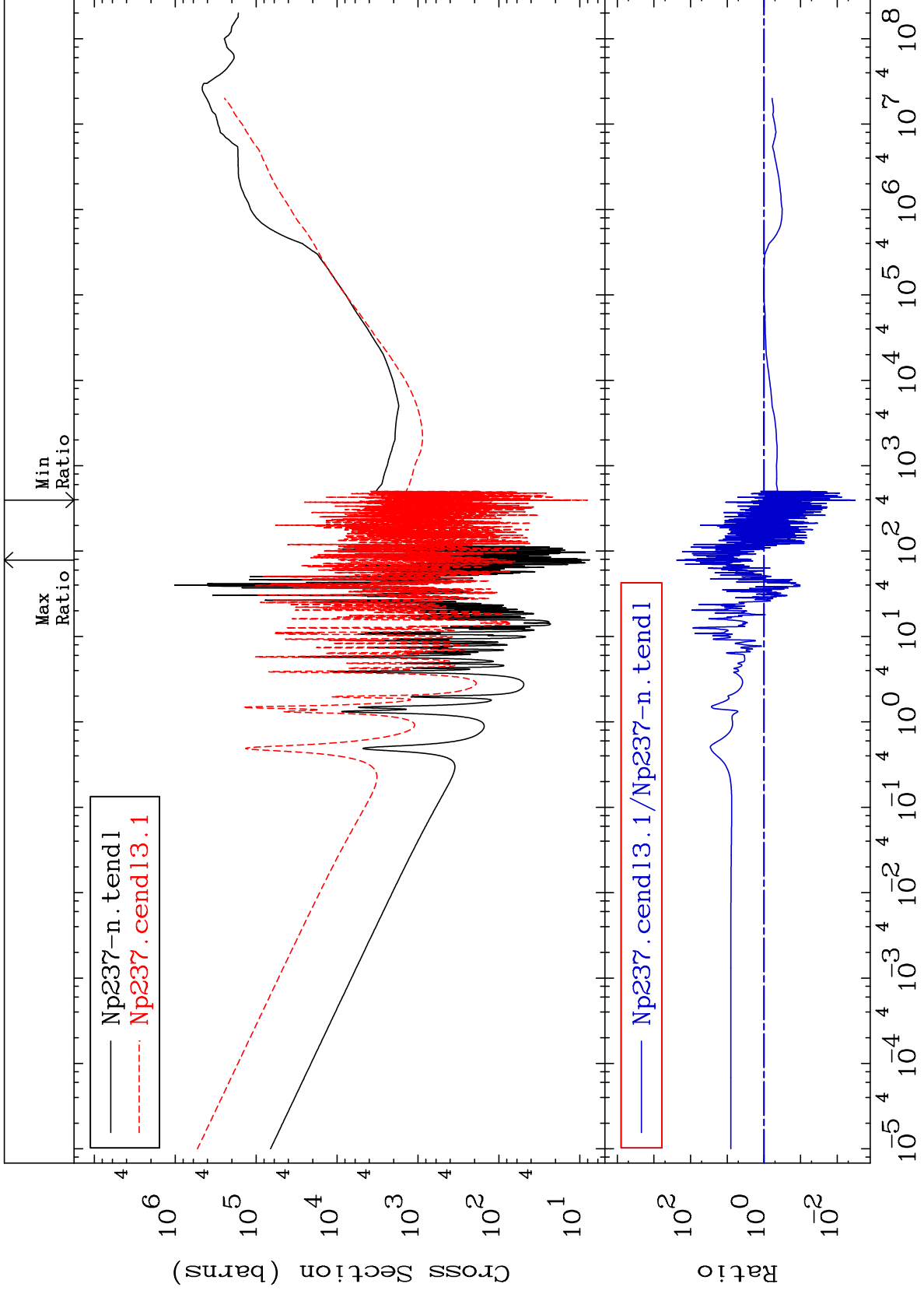
-99.99 To 326.6 %



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  
-8.882 To 20.16 %

