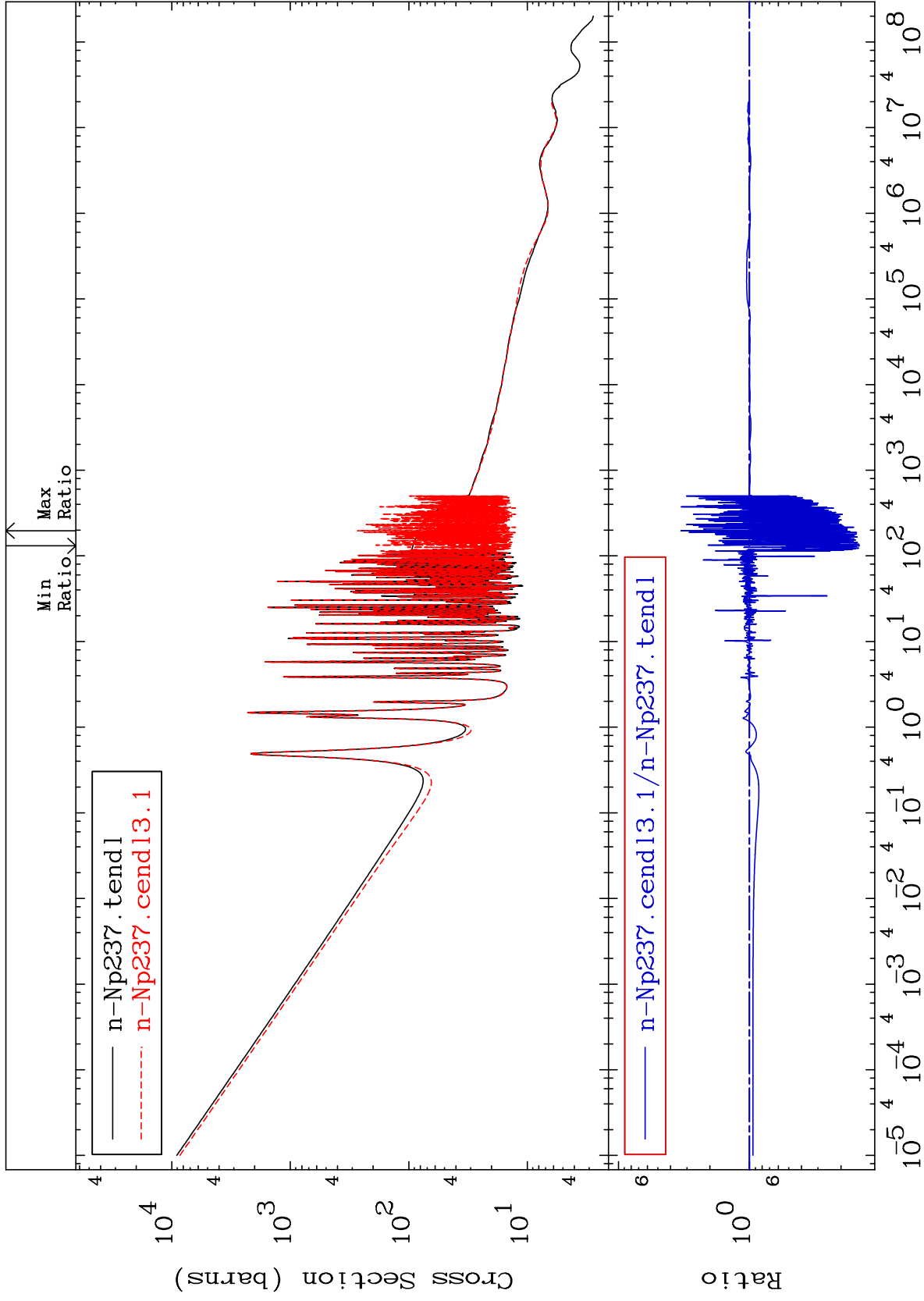


MAT 9346

Total
Cross Section

93-Np-237
-85.58 To 234.0 %



Incident Energy (eV)

93-Np-237

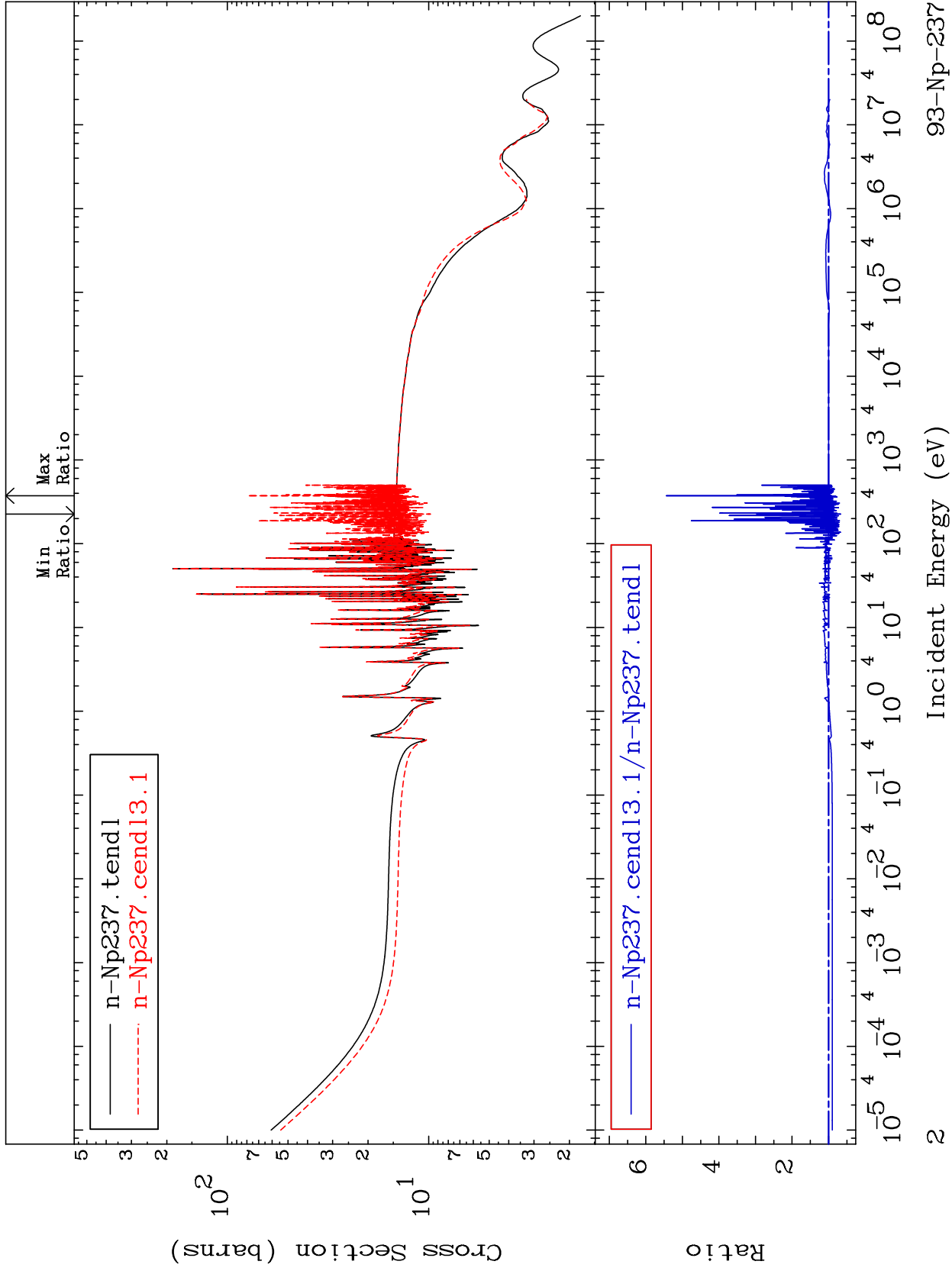
MAT 9346

Elastic

93-Np-237

Cross Section

-33.44 To 445.0 %

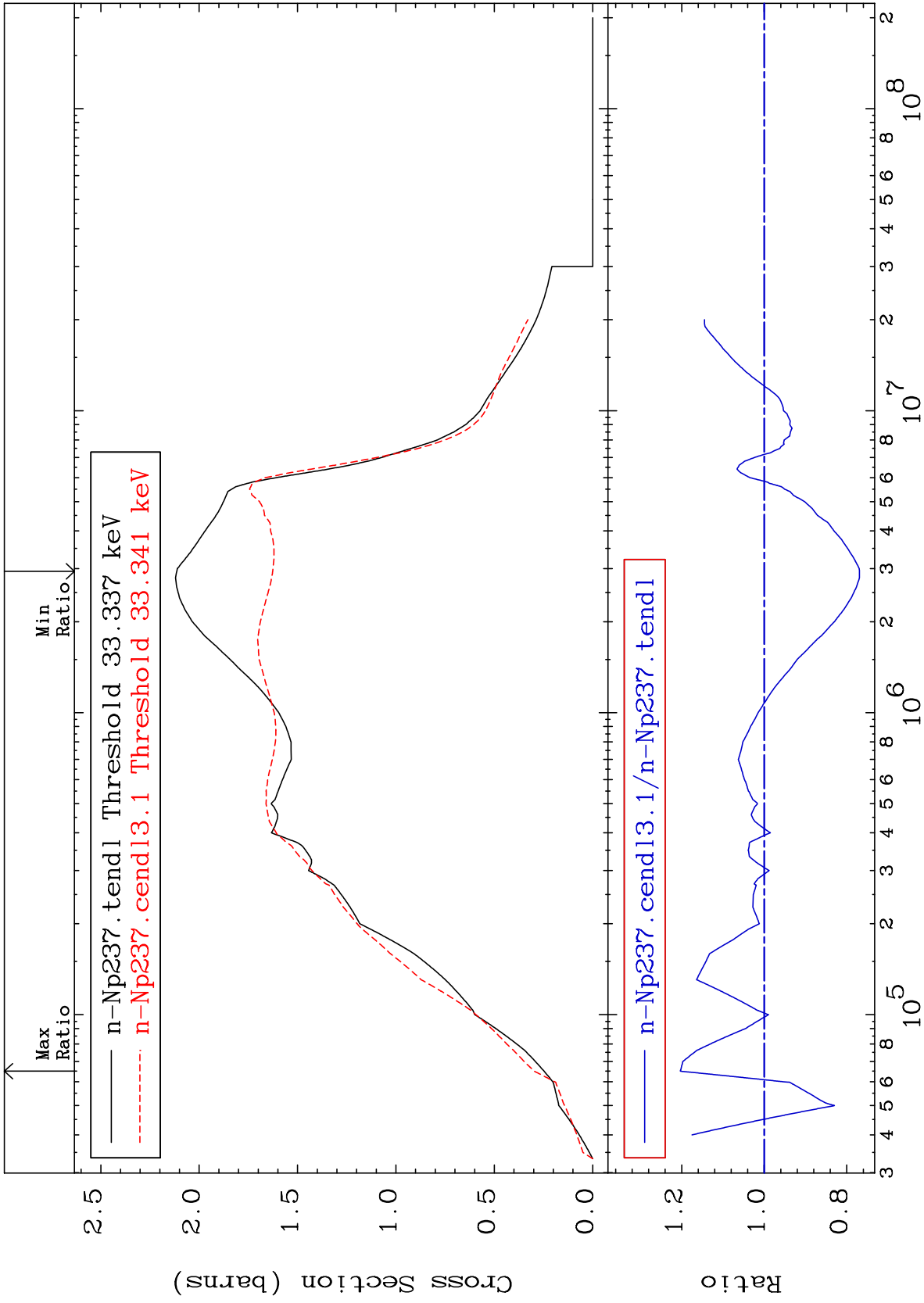


93-Np-237

MAT 9346

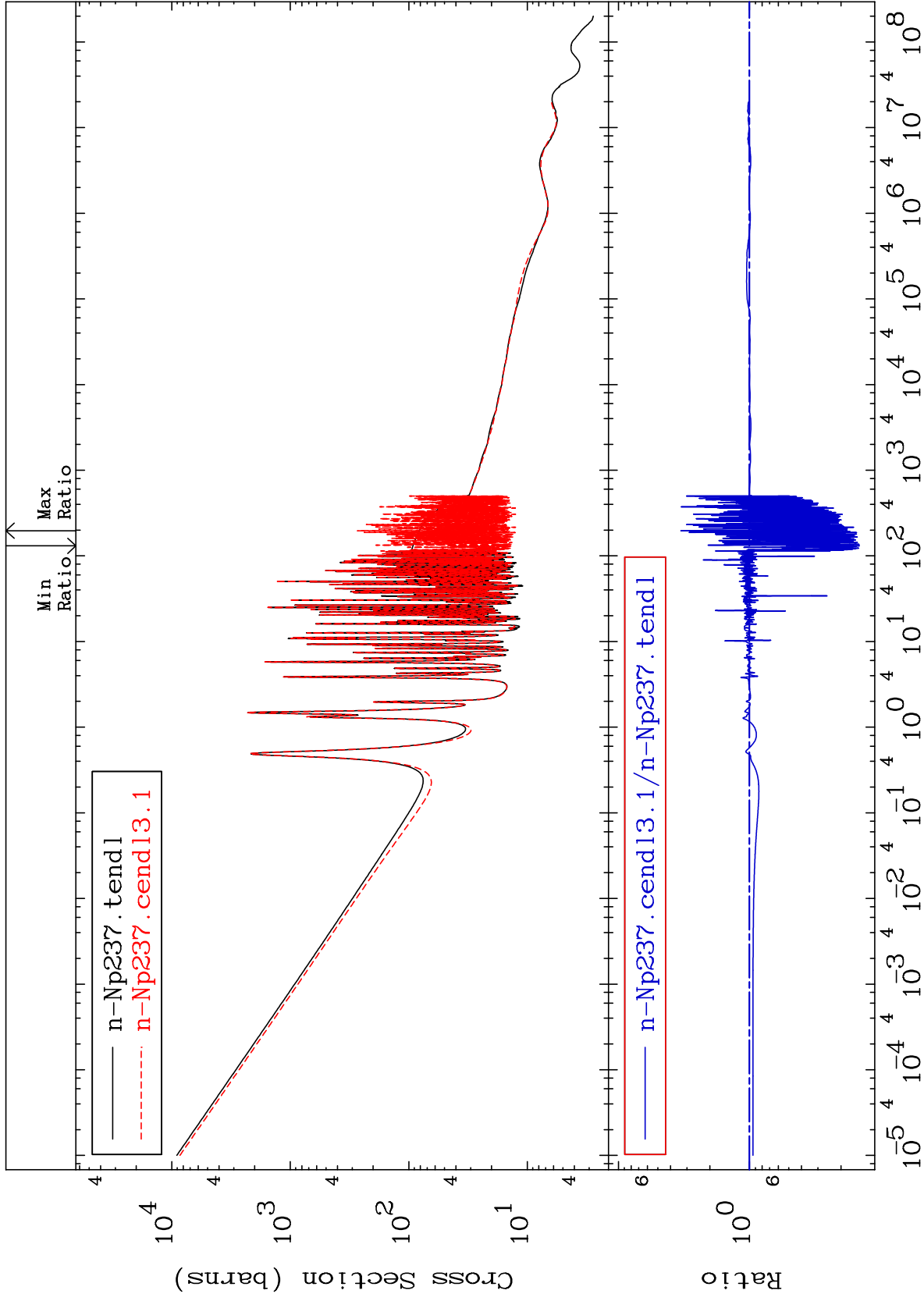
Inelastic
Cross Section

93-Np-237
-23.06 To 20.32 %



MAT 9346

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



93-Np-237

Incident Energy (eV)

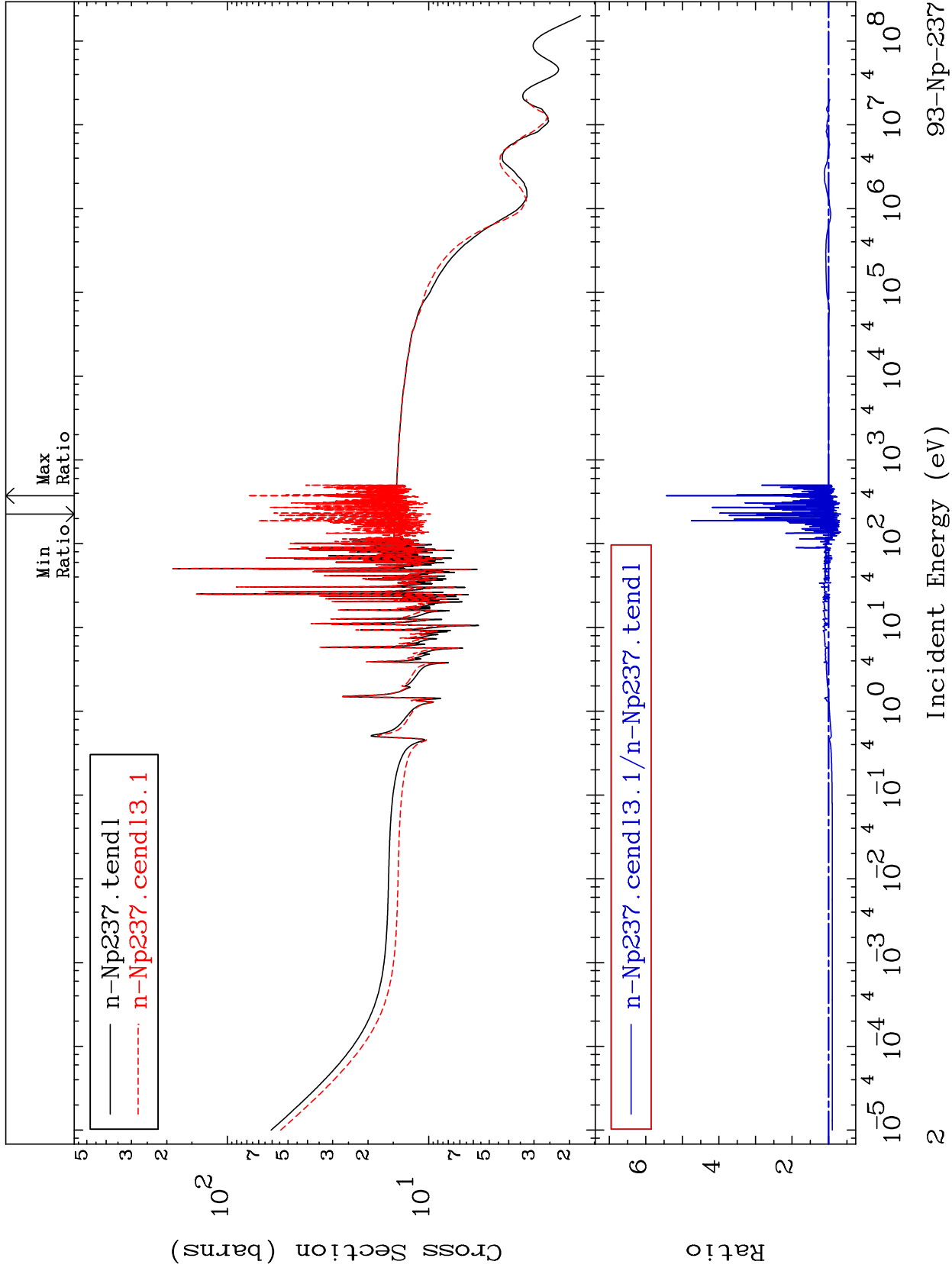
MAT 9346

Elastic

93-Np-237

Cross Section

-33.44 To 445.0 %

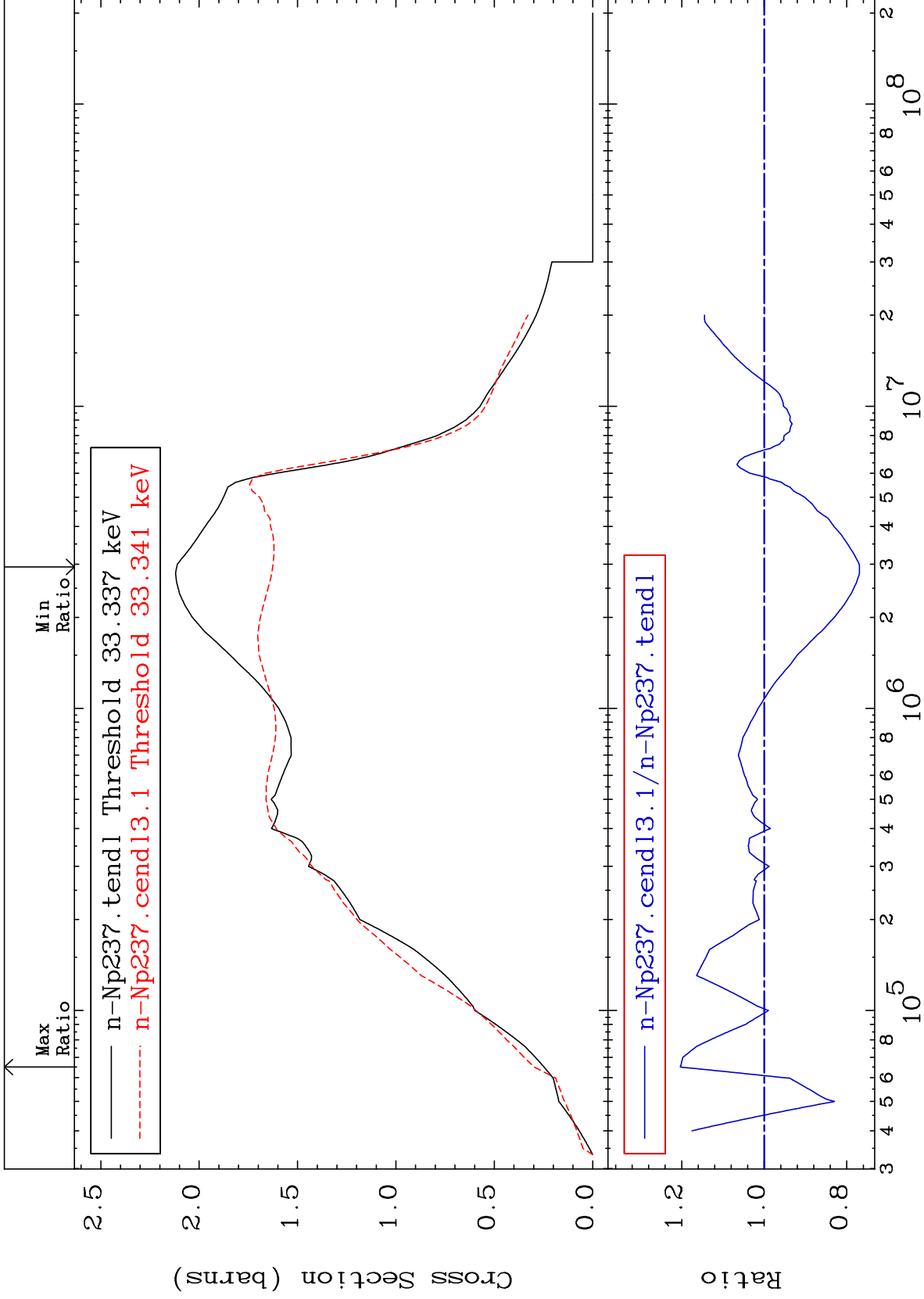


93-Np-237

MAT 9346

Inelastic
Cross Section

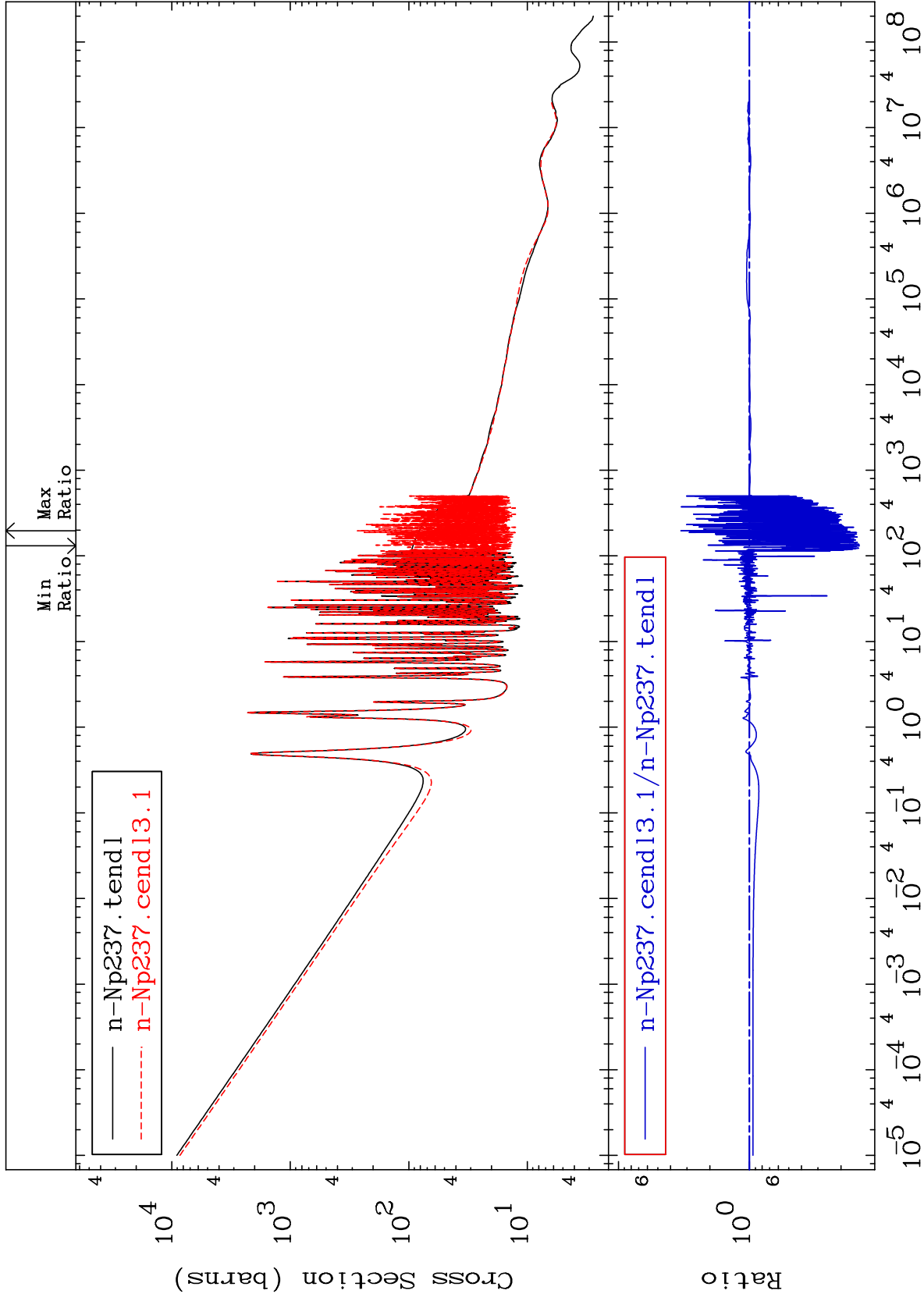
93-Np-237
-23.06 To 20.32 %



MAT 9346

Total
Cross Section

93-Np-237
-85.58 To 234.0 %



93-Np-237

Incident Energy (eV)

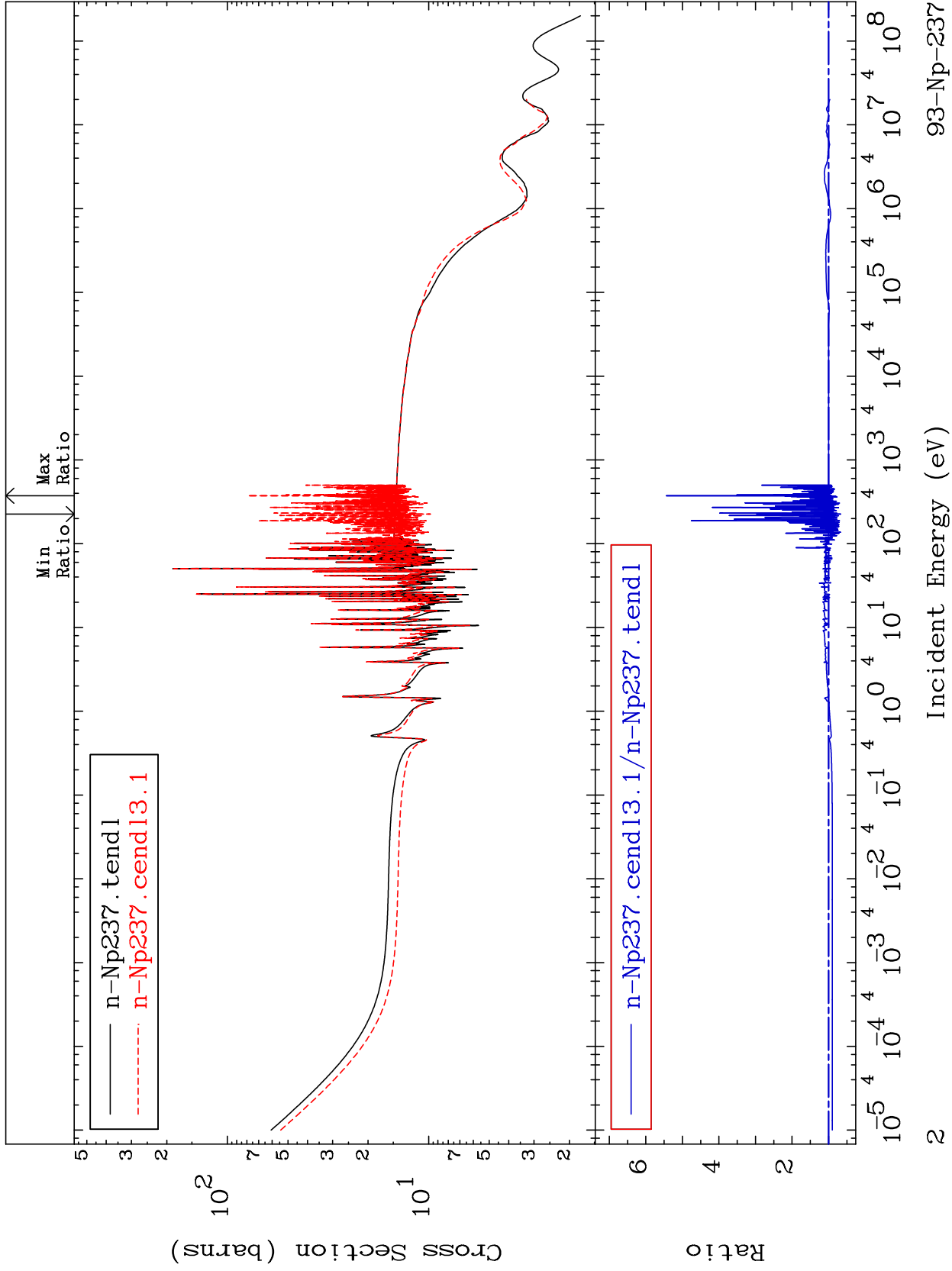
MAT 9346

Elastic

93-Np-237

Cross Section

-33.44 To 445.0 %

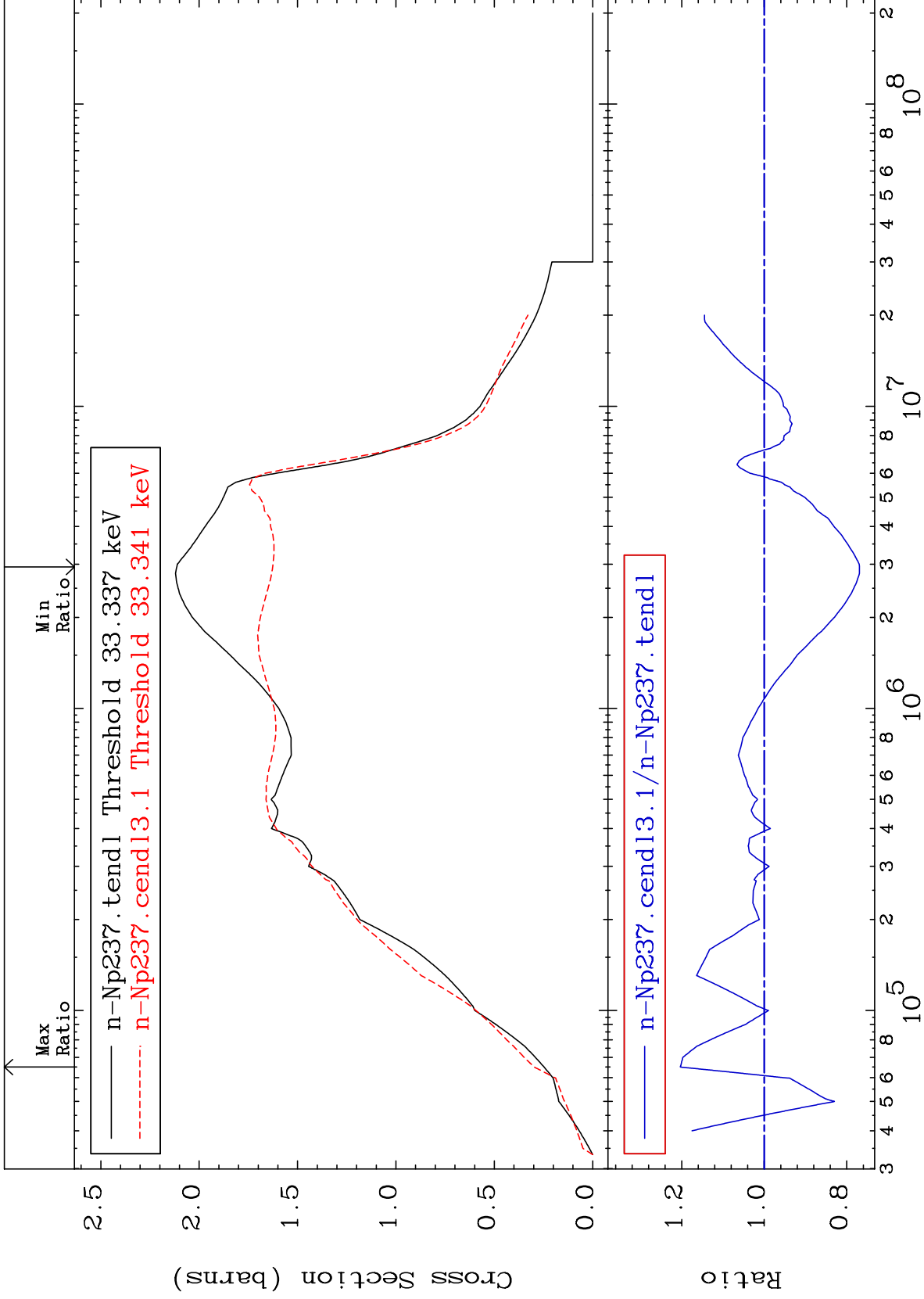


93-Np-237

MAT 9346

Inelastic
Cross Section

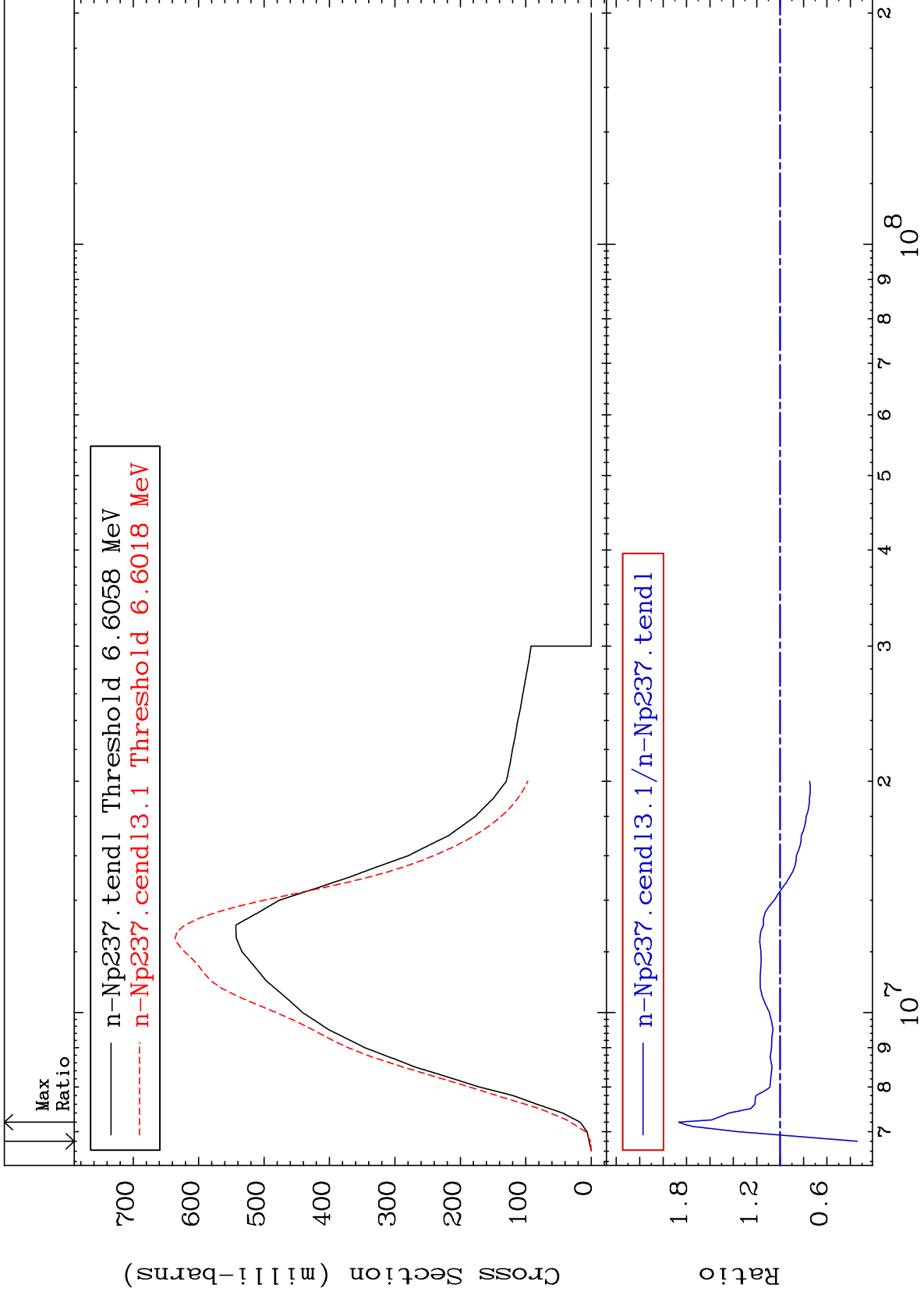
93-Np-237
-23.06 To 20.32 %



MAT 9346

(n,2n)
Cross Section

93-Np-237
-65.88 To 86.73 %



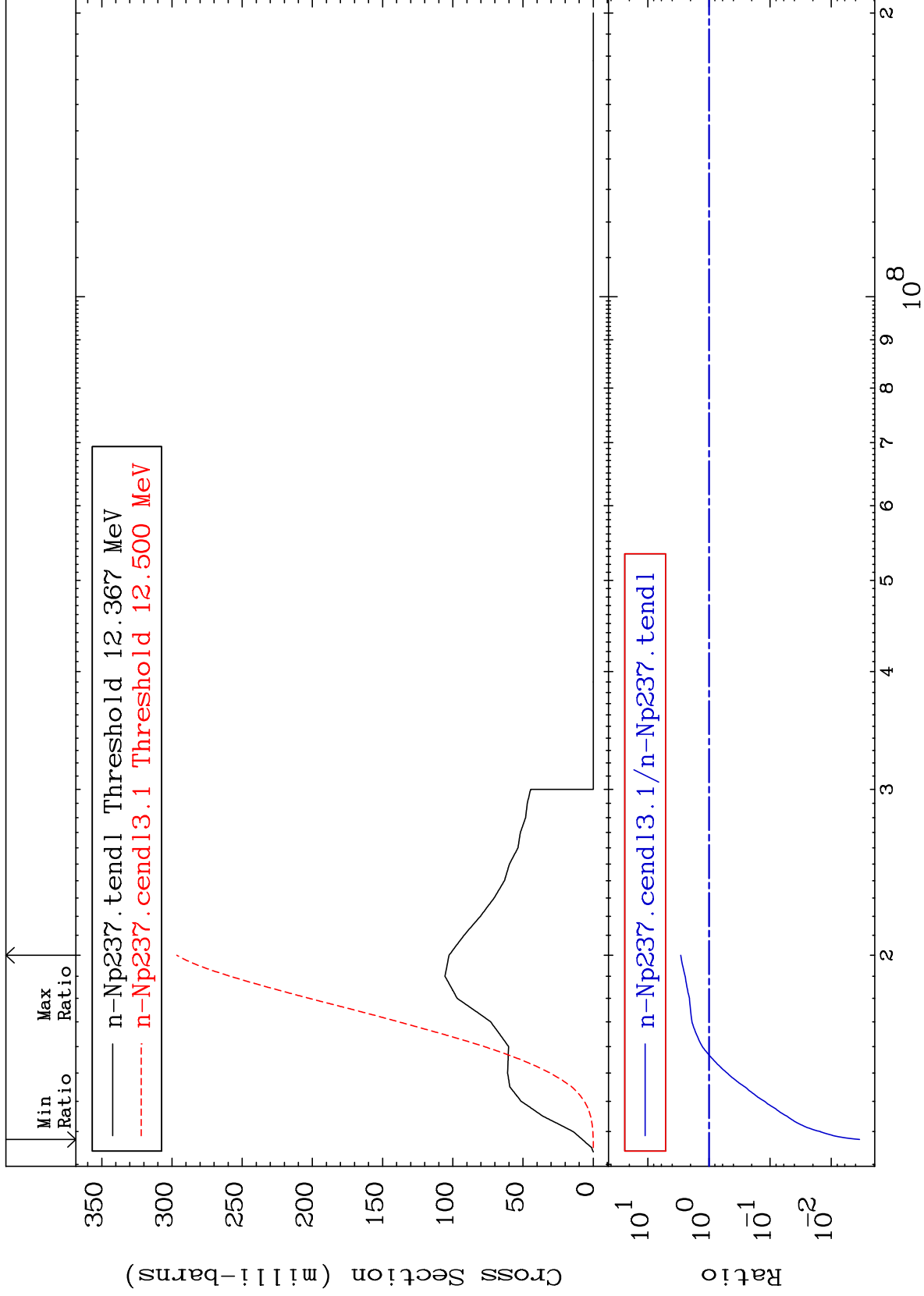
MAT 9346

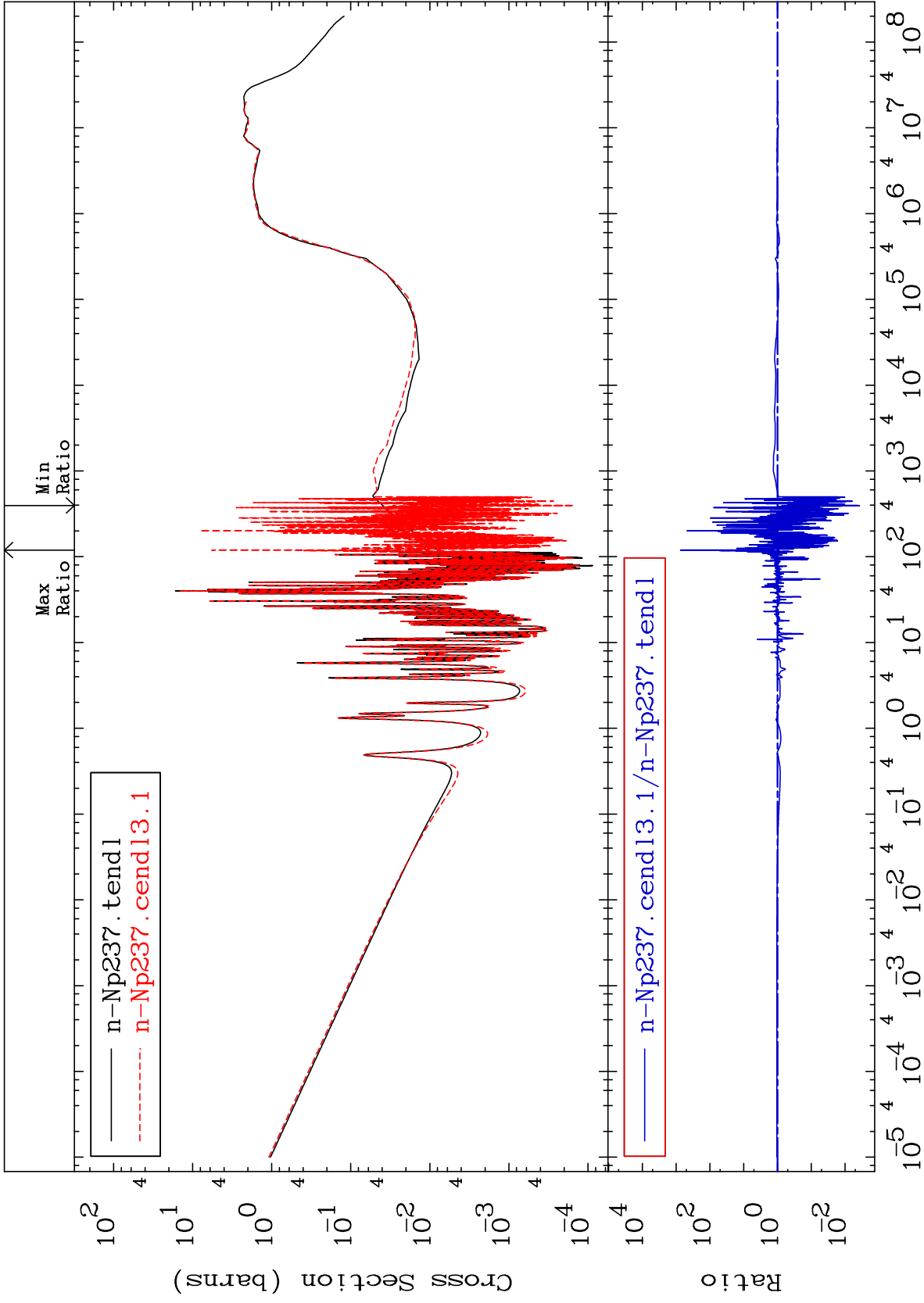
(n, 3n)

93-Np-237

Cross Section

-99.65 To 188.9 %

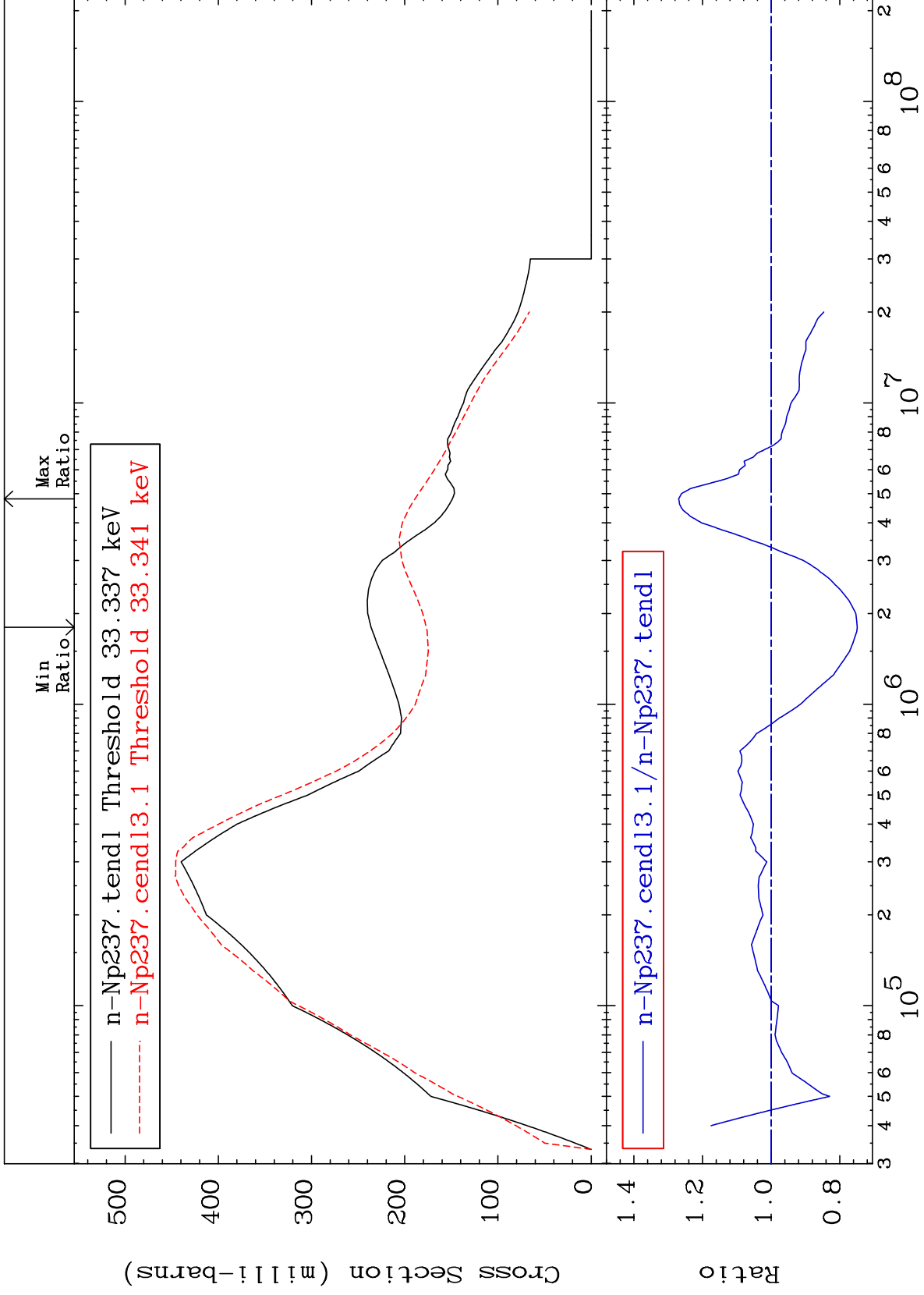




MAT 9346

MT= 51 (n,n') Level
Cross Section

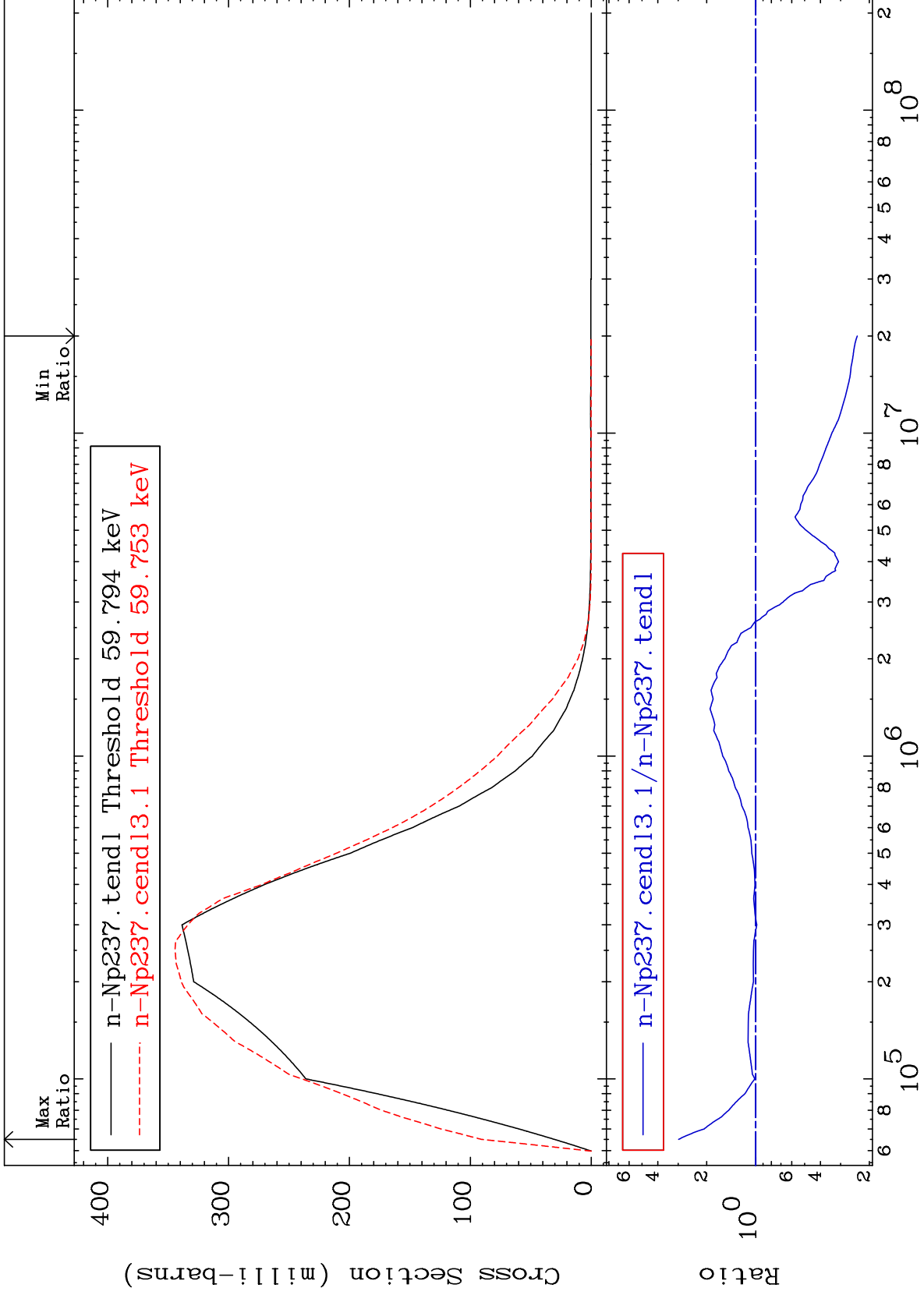
93-Np-237
-25.07 To 26.97 %



MAT 9346

MT= 52 (n,n') Level
Cross Section

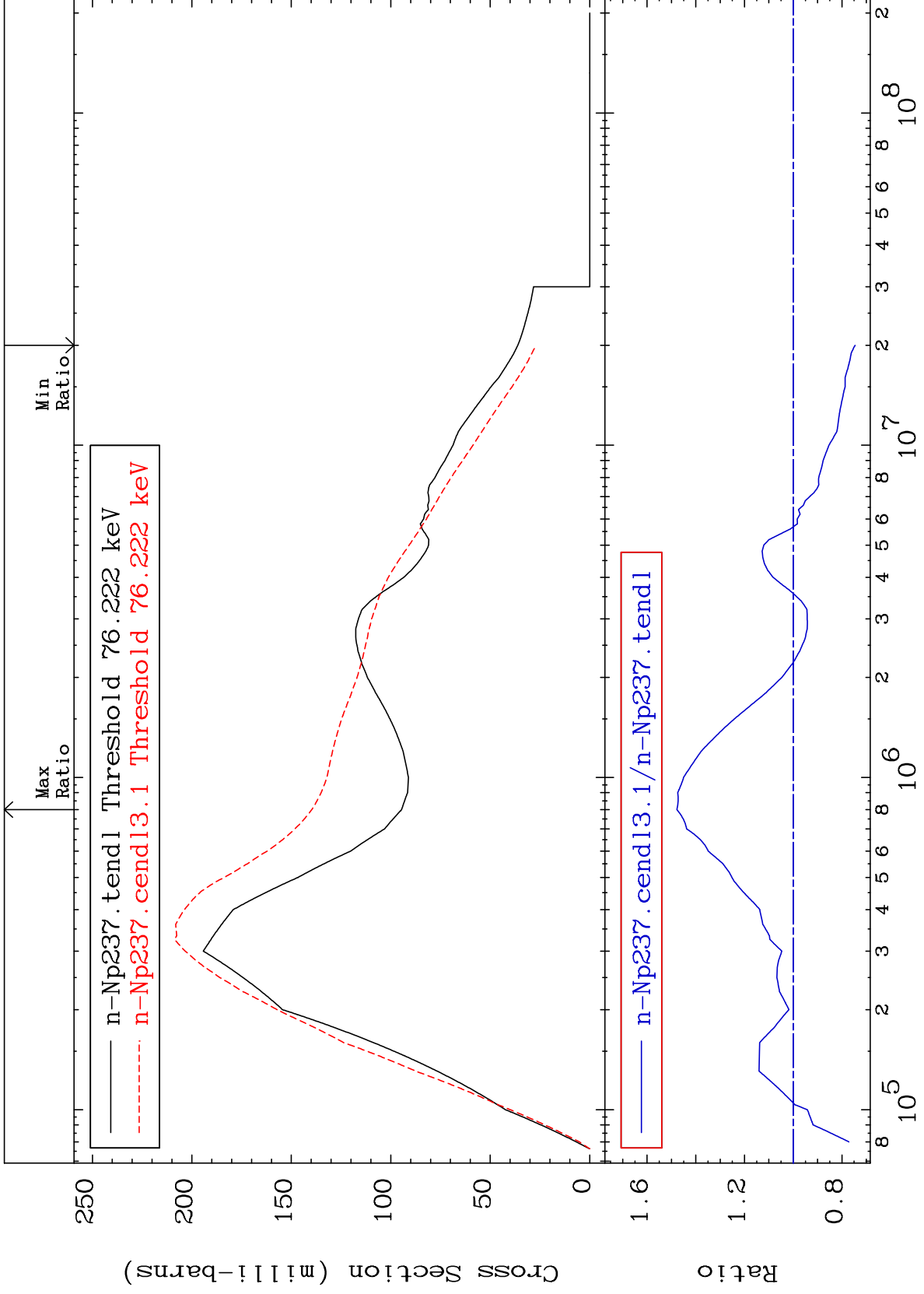
93-Np-237
-76.28 To 197.7 %



MAT 9346

MT= 53 (n,n') Level
Cross Section

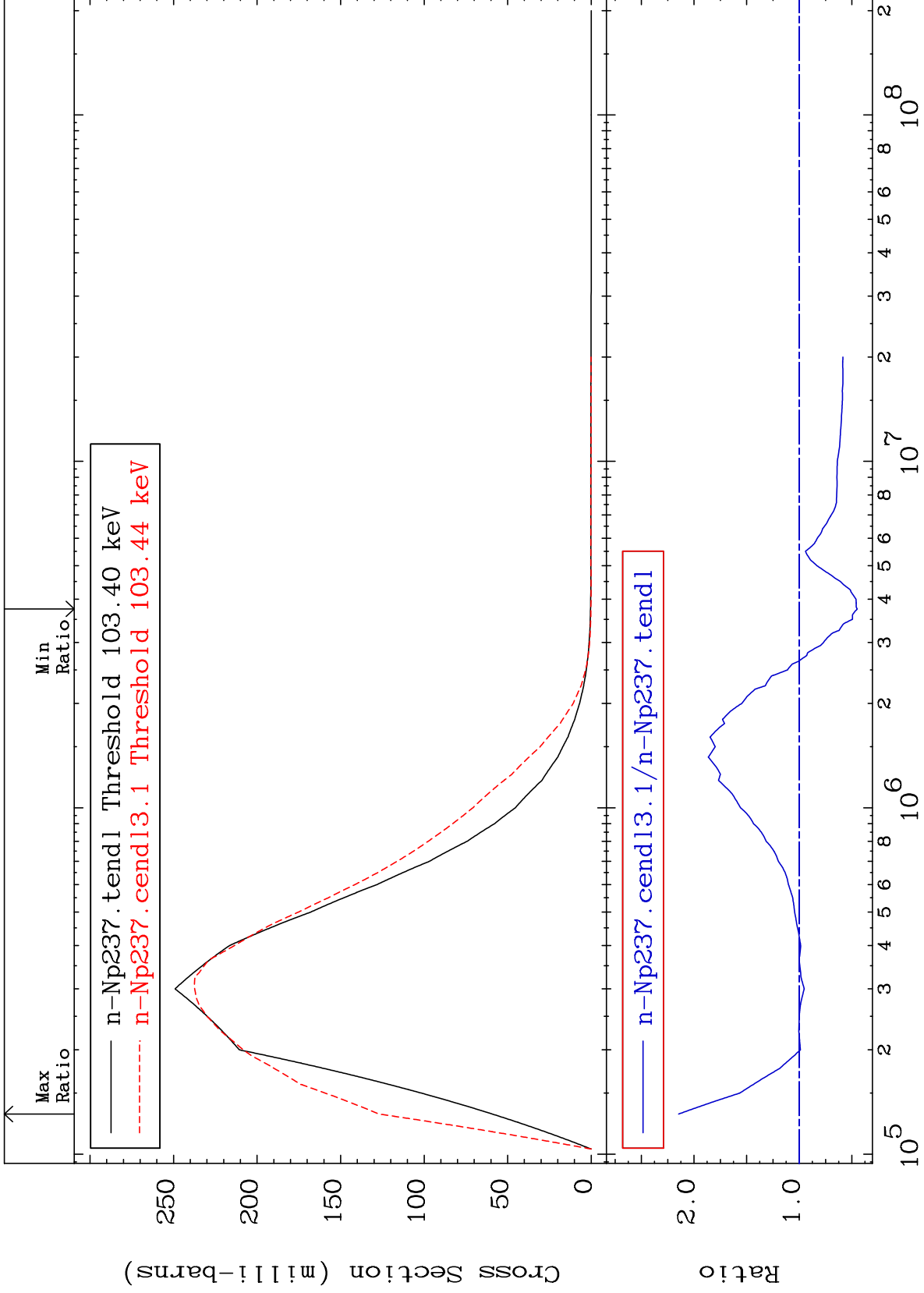
93-Np-237
-25.39 To 47.75 %



MAT 9346

MT= 54 (n,n') Level
Cross Section

93-Np-237
-55.14 To 114.6 %



10

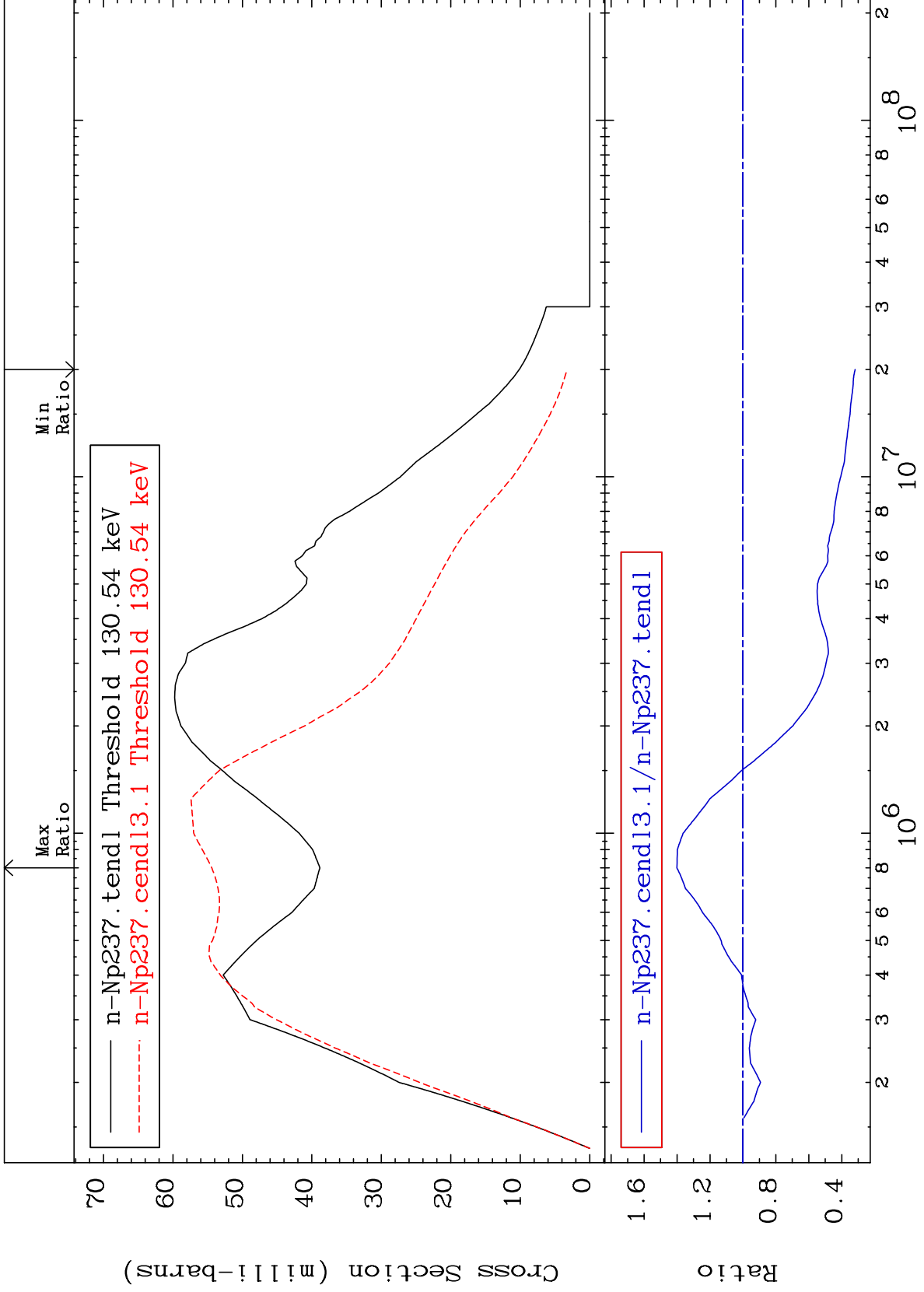
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 55 (n,n') Level
Cross Section

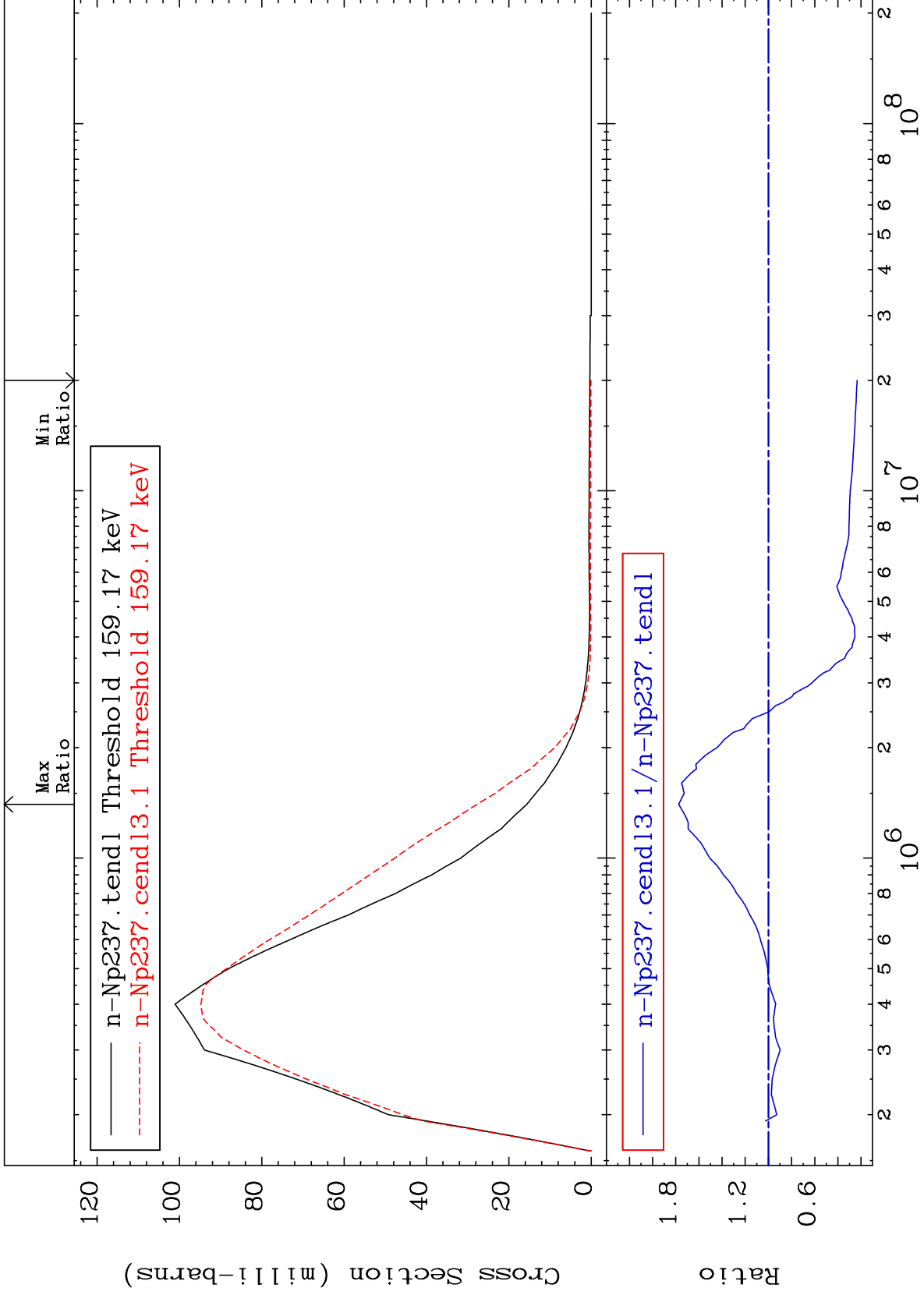
93-Np-237
-68.11 To 40.07 %



MAT 9346

MT= 56 (n,n') Level
Cross Section

93-Np-237
-76.73 To 77.52 %



12

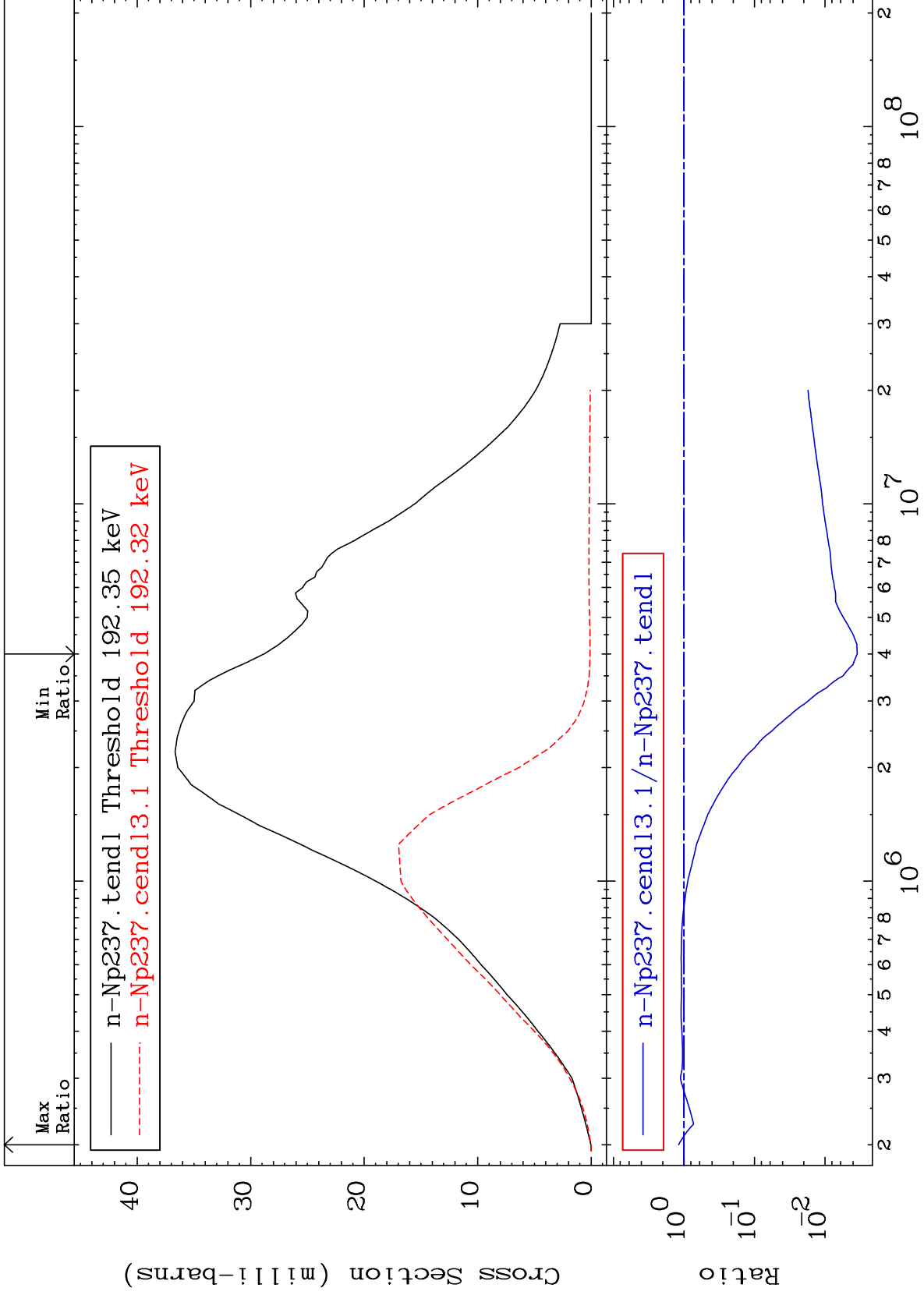
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 57 (n,n') Level
Cross Section

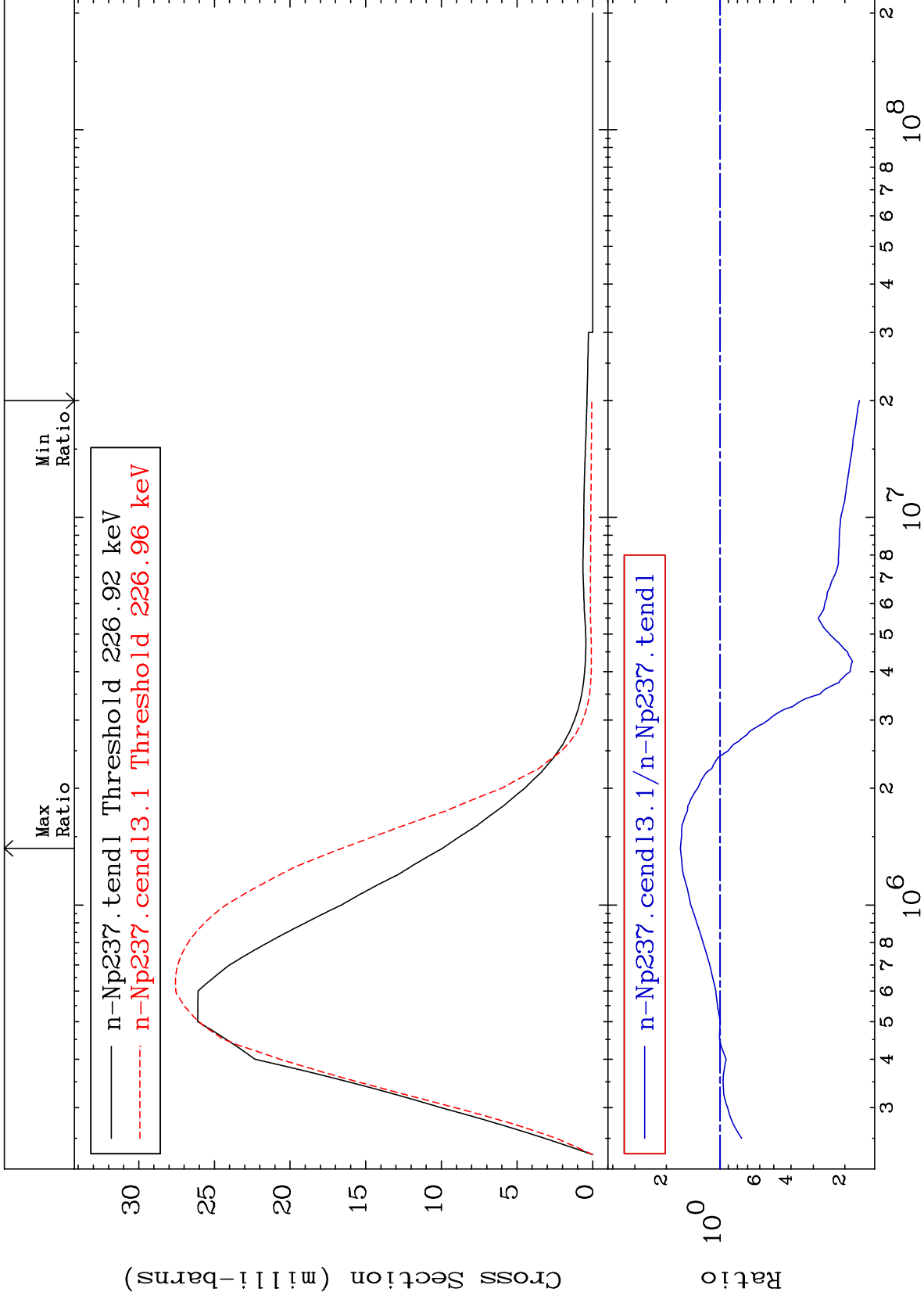
93-Np-237
-99.65 To 18.89 %



MAT 9346

MT= 58 (n,n') Level
Cross Section

93-Np-237
-83.43 To 67.00 %



14

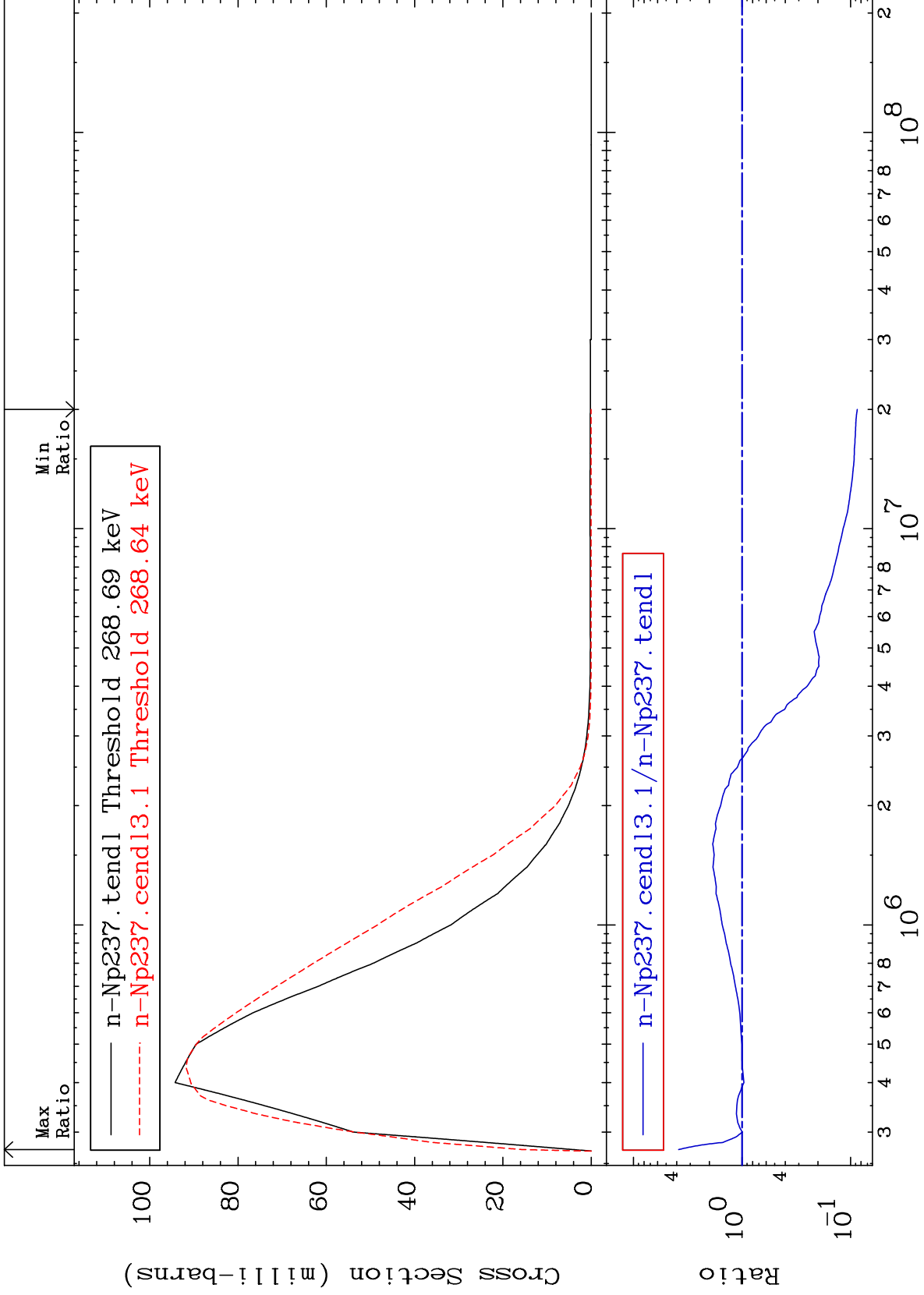
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 59 (n,n') Level
Cross Section

93-Np-237
-91.32 To 283.8 %



15

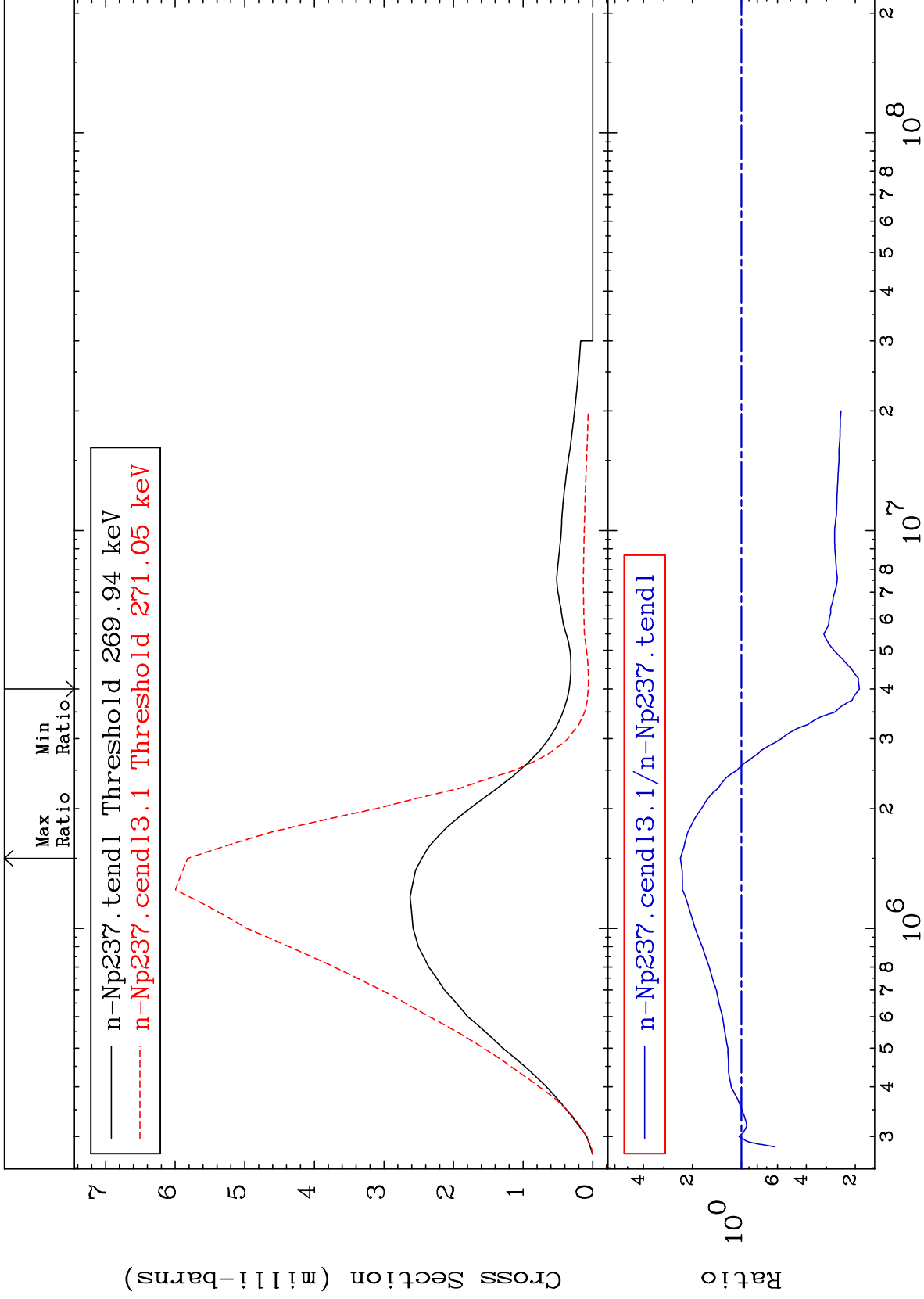
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 60 (n,n') Level
Cross Section

93-Np-237
-81.15 To 137.3 %



16

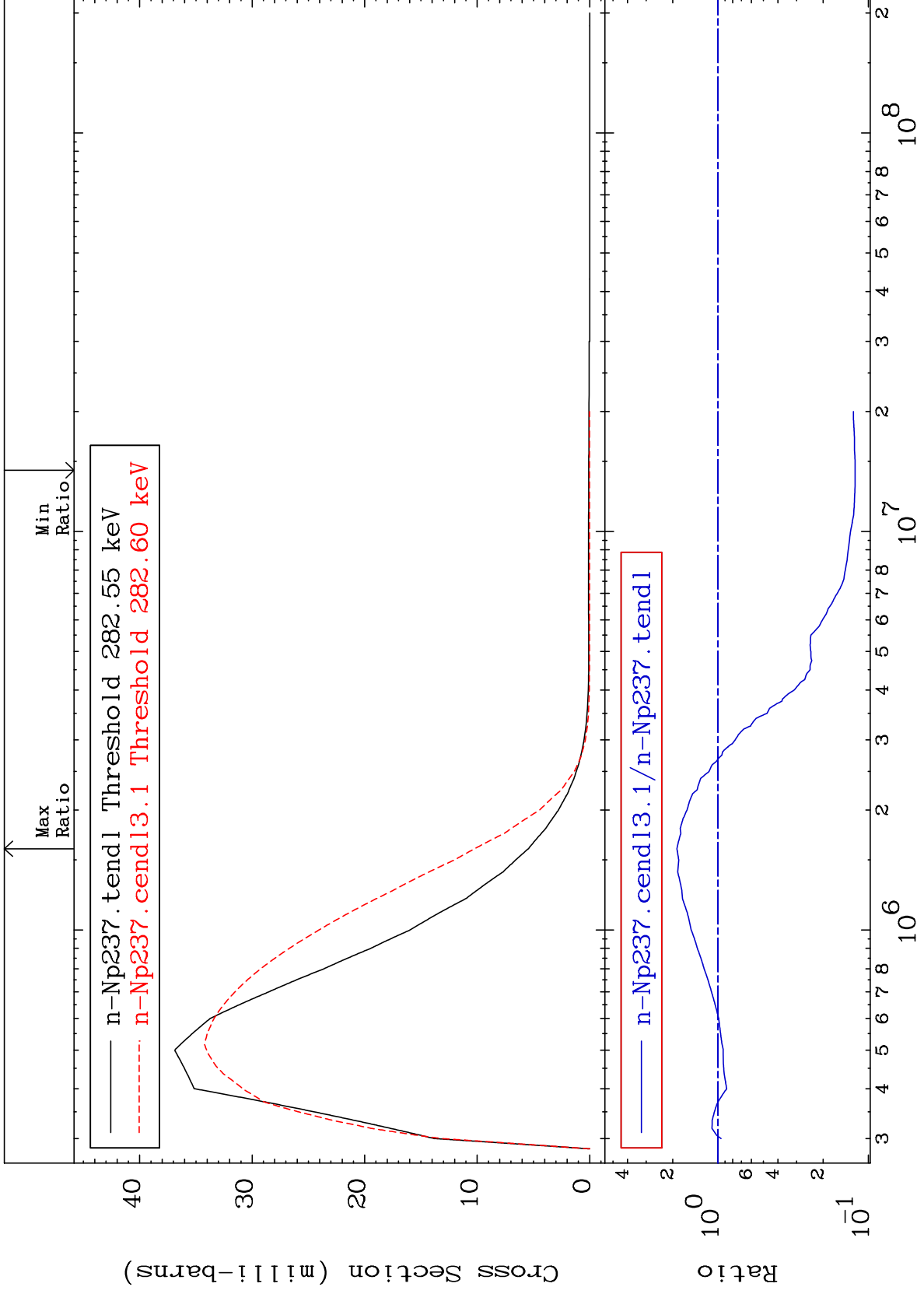
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 61 (n,n') Level
Cross Section

93-Np-237
-87.73 To 87.60 %



17

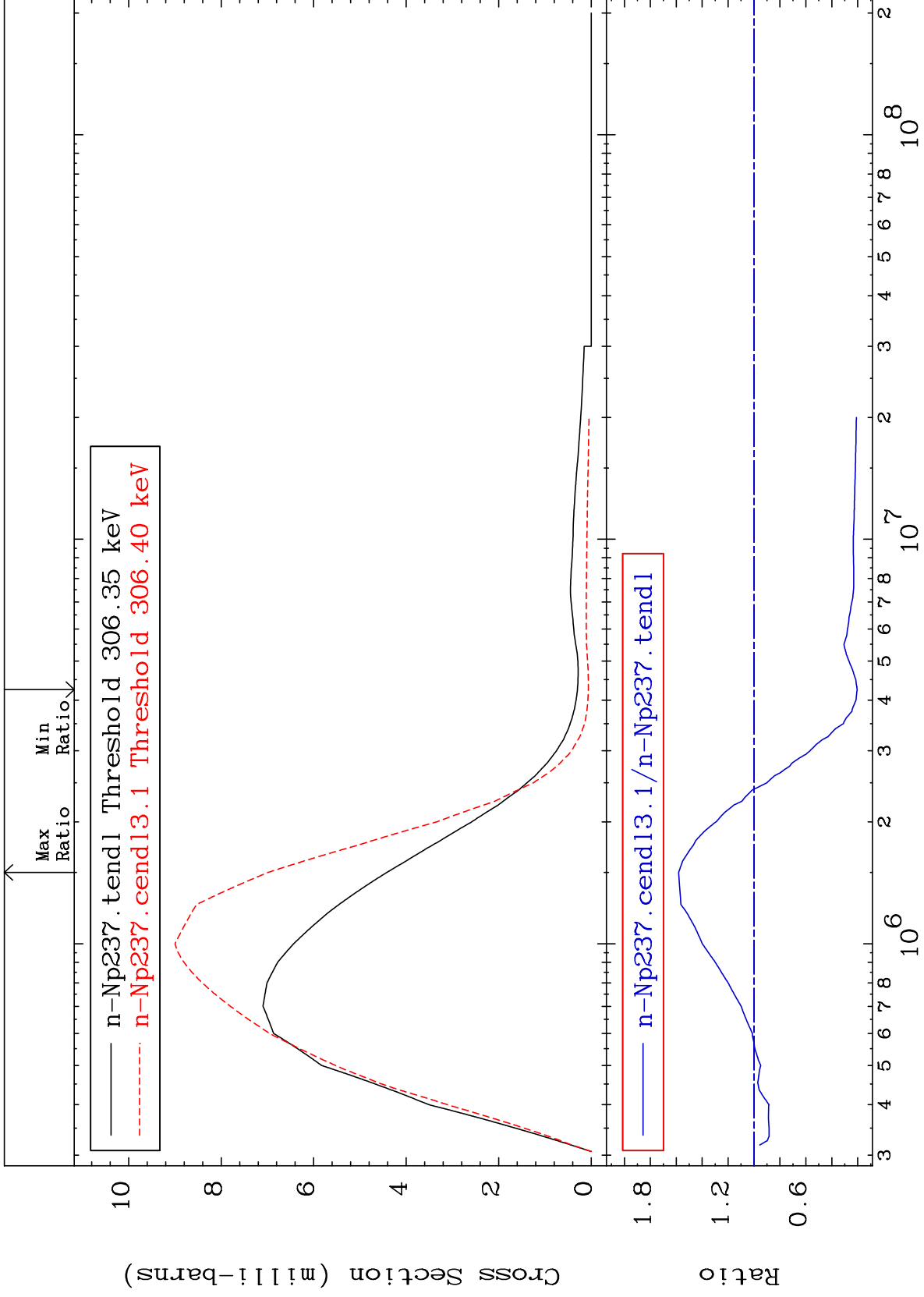
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 62 (n,n') Level
Cross Section

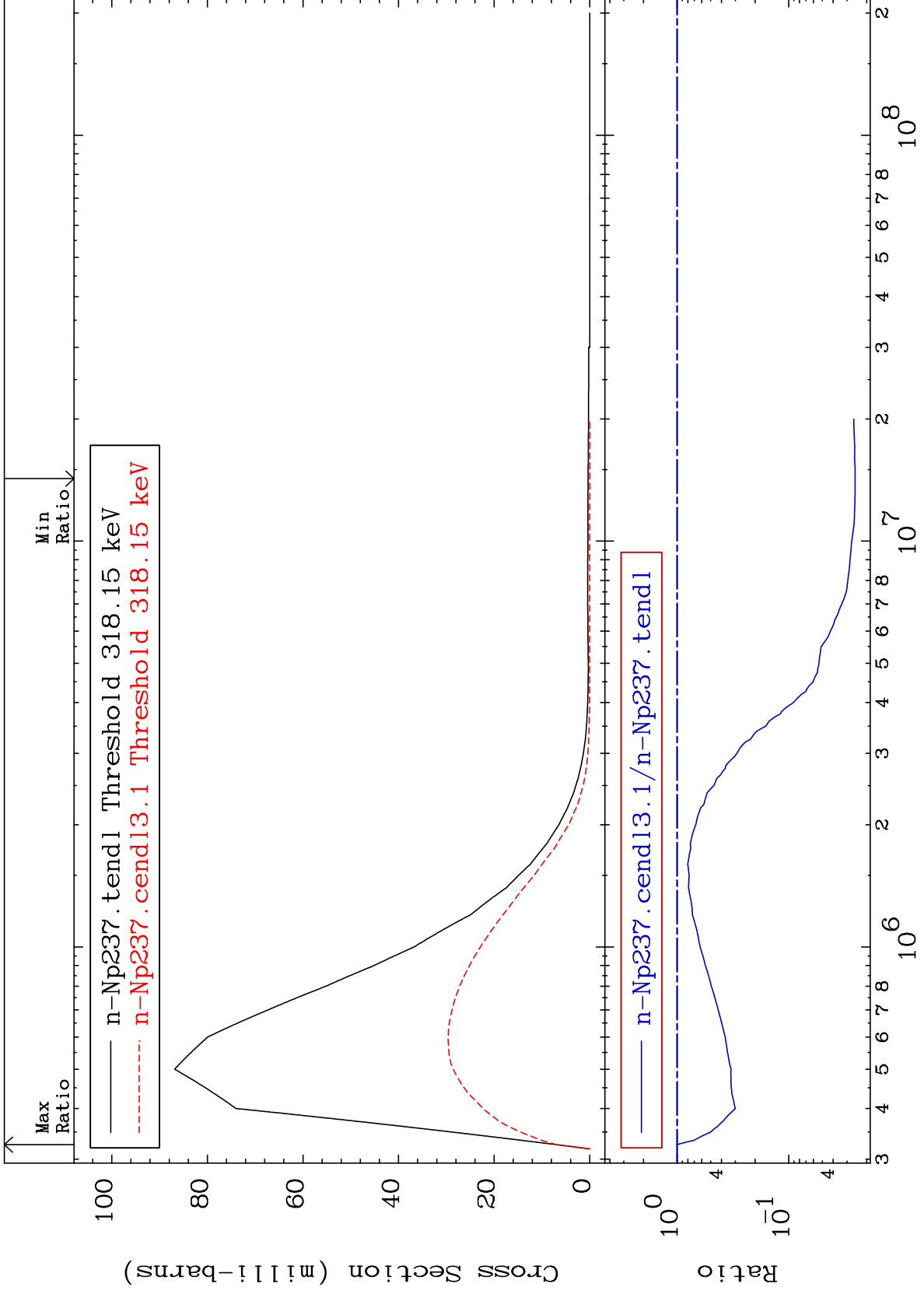
93-Np-237
-79.65 To 58.18 %



MAT 9346

MT= 63 (n,n') Level
Cross Section

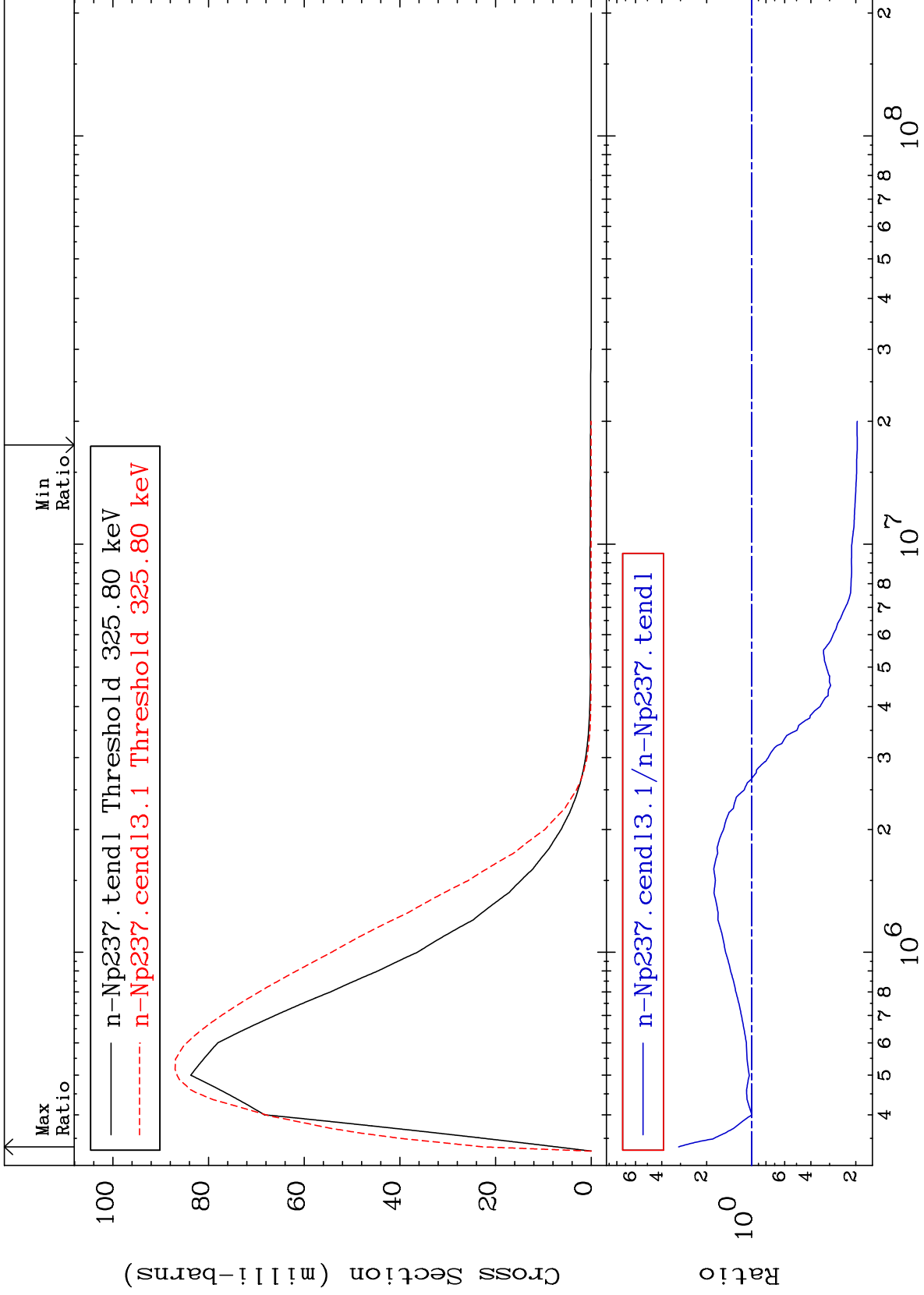
93-Np-237
-97.46 To 0.324 %



MAT 9346

MT= 64 (n,n') Level
Cross Section

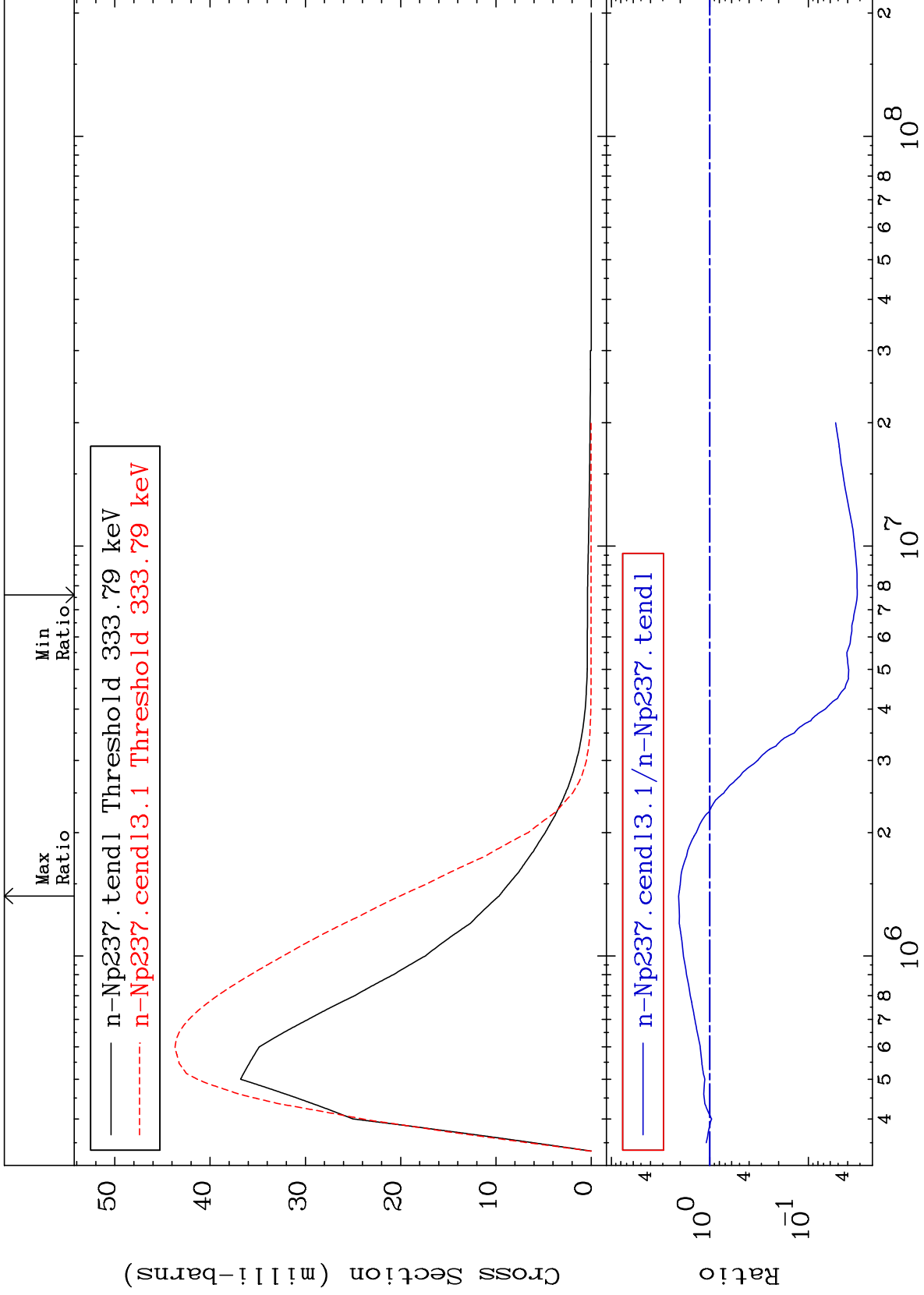
93-Np-237
-80.45 To 208.2 %



MAT 9346

MT= 65 (n,n') Level
Cross Section

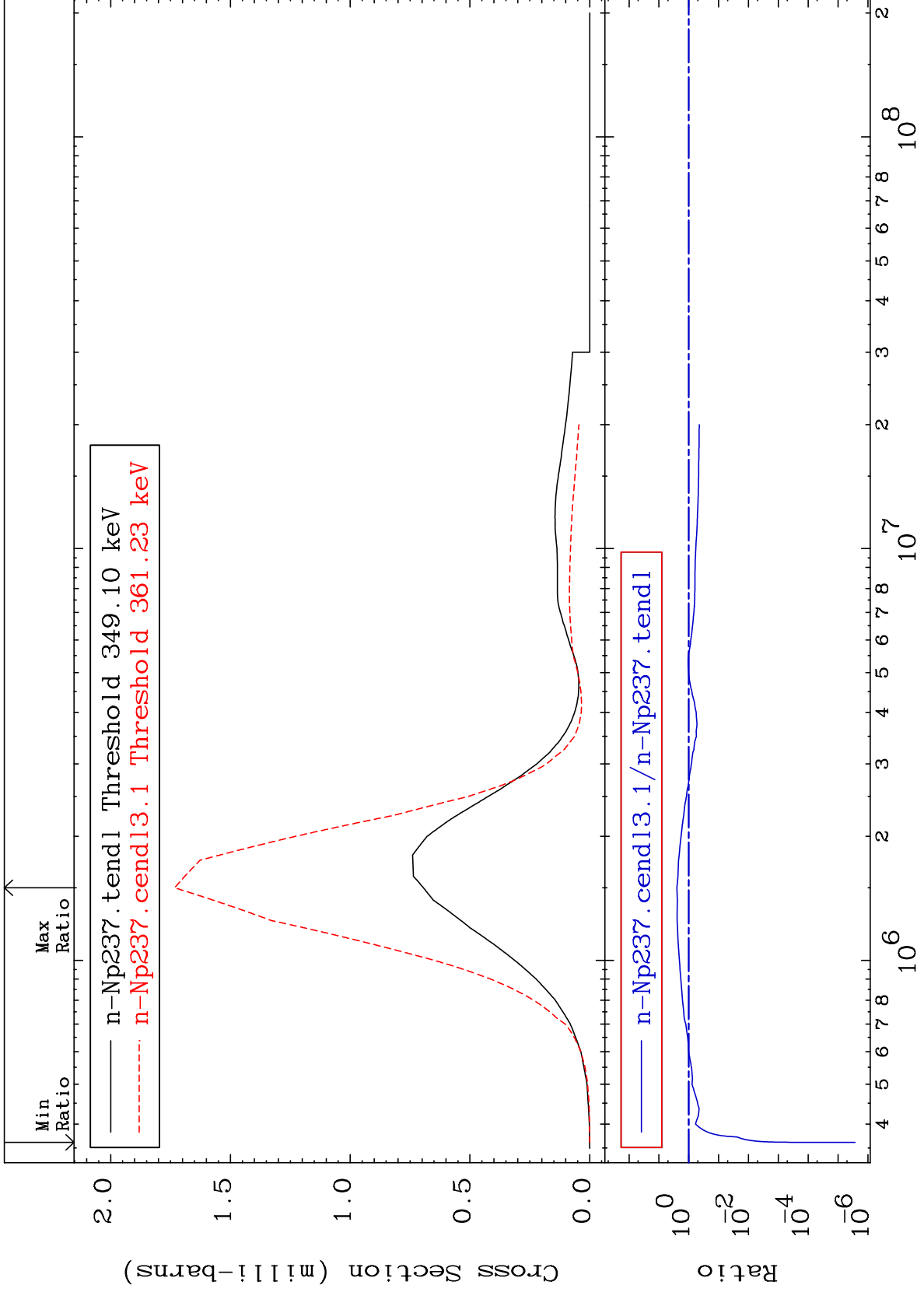
93-Np-237
-96.81 To 107.4 %



MAT 9346

MT= 66 (n,n') Level
Cross Section

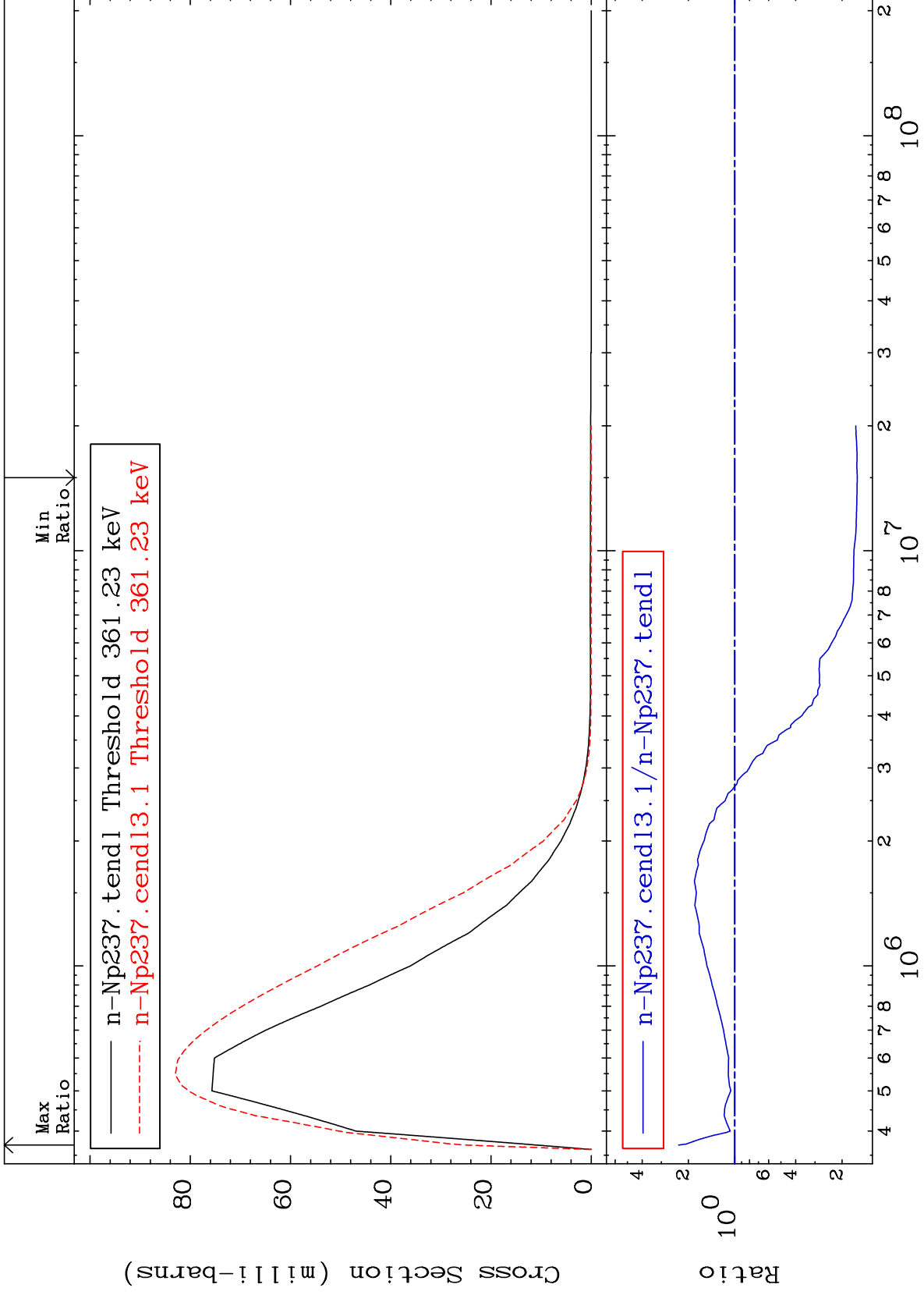
93-Np-237
-100.0 To 149.6 %



MAT 9346

MT= 67 (n,n') Level
Cross Section

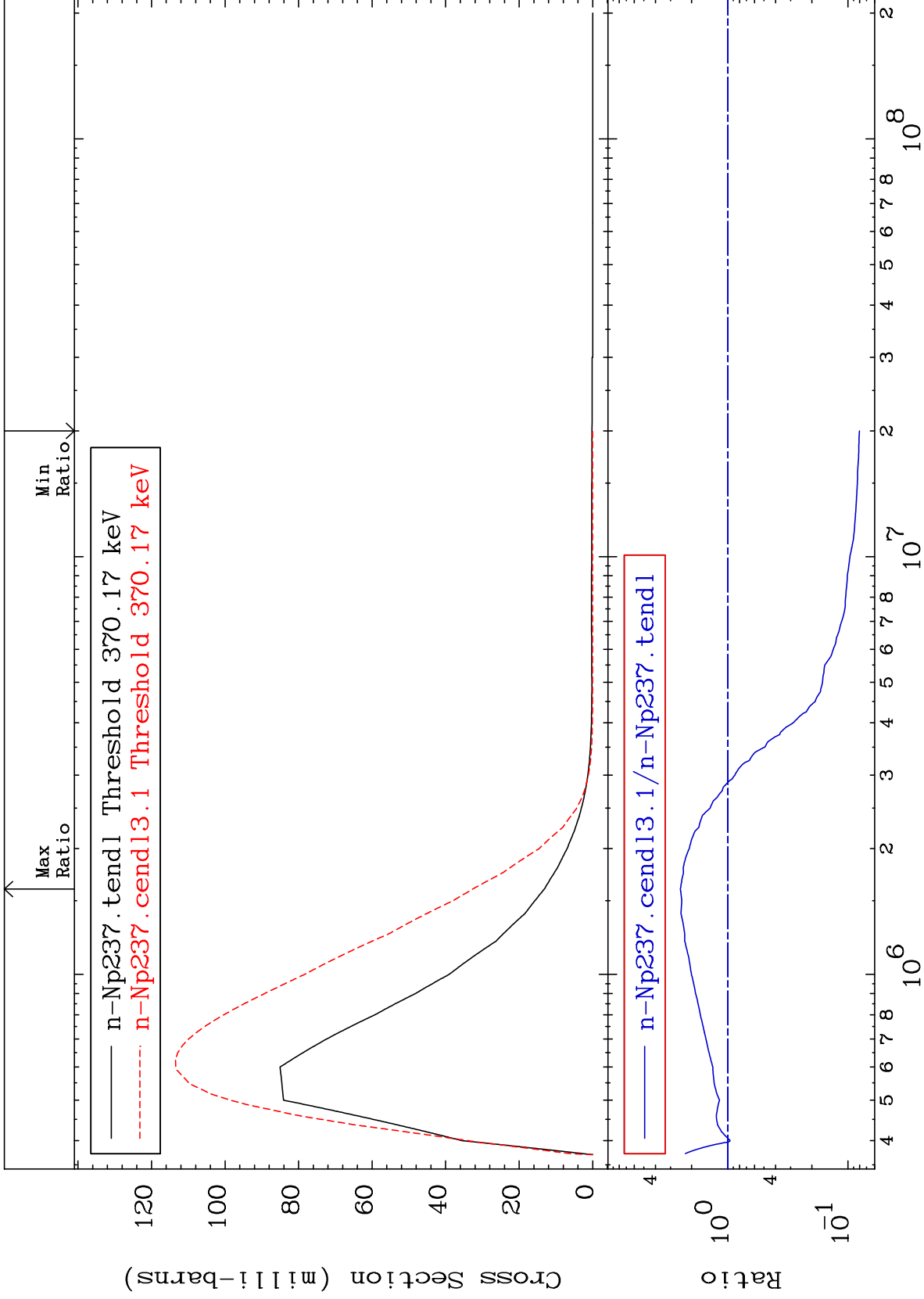
93-Np-237
-84.10 To 131.6 %



MAT 9346

MT= 68 (n,n') Level
Cross Section

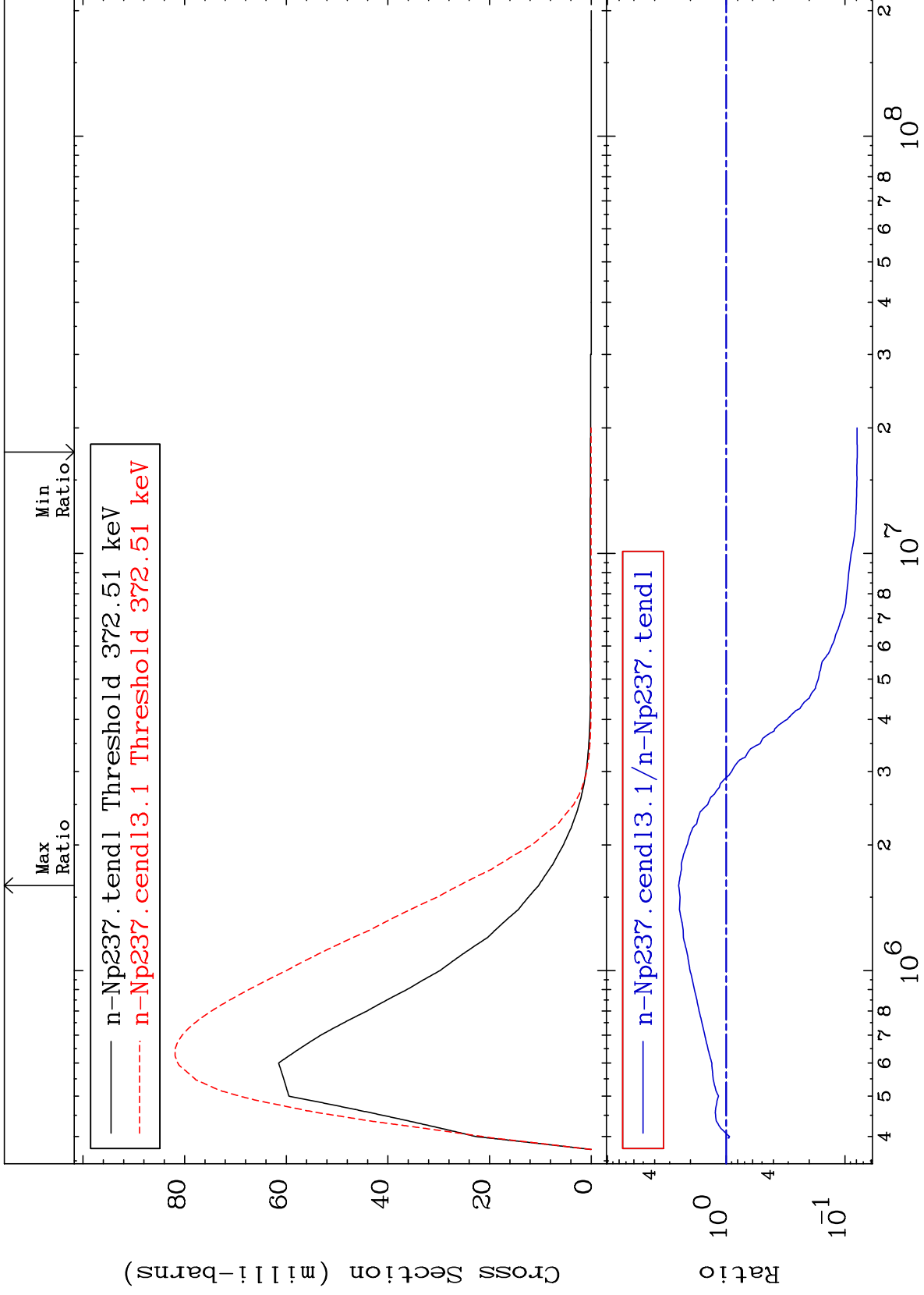
93-Np-237
-91.97 To 148.1 %



MAT 9346

MT= 69 (n,n') Level
Cross Section

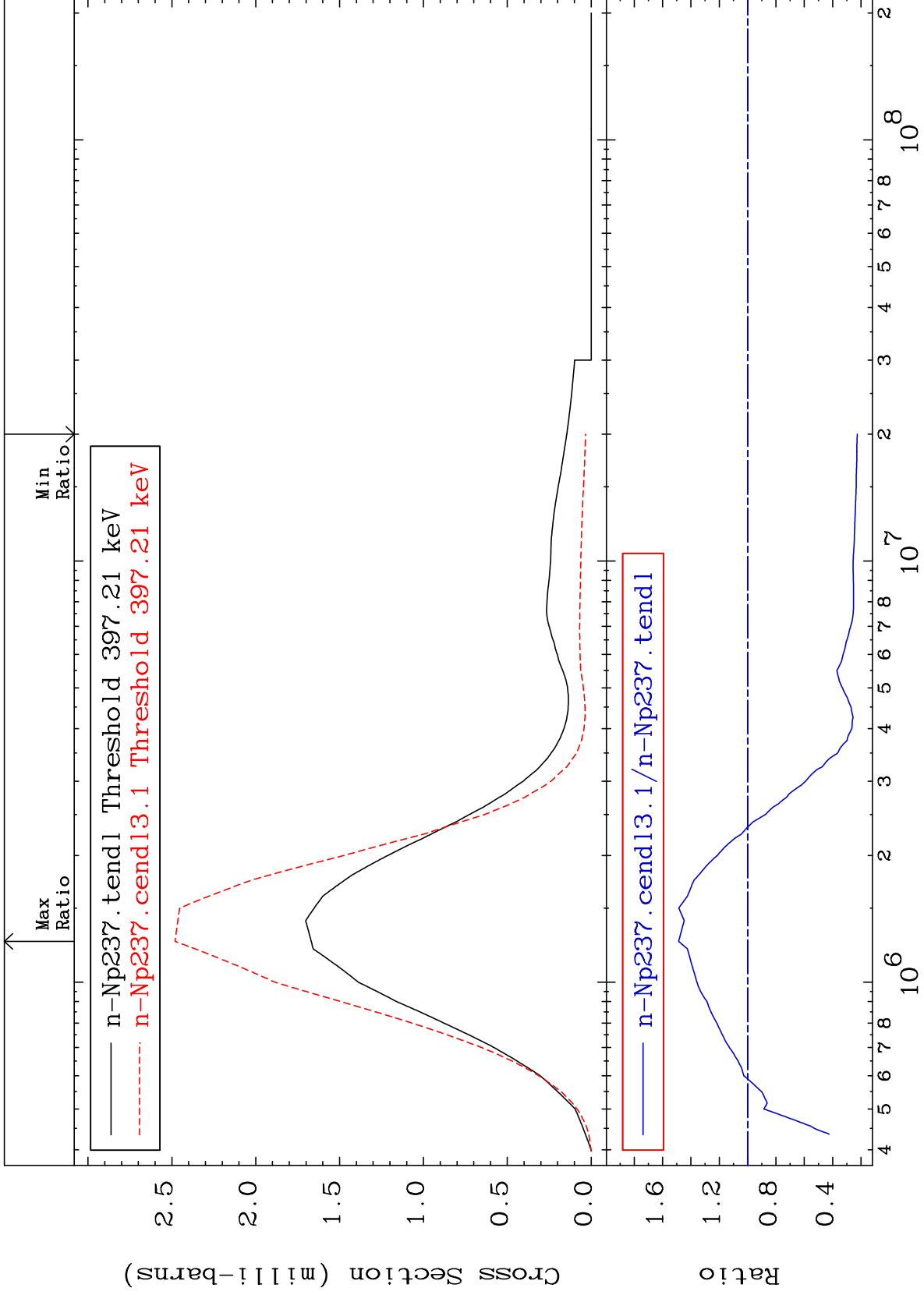
93-Np-237
-92.12 To 151.7 %



MAT 9346

MT= 70 (n,n') Level
Cross Section

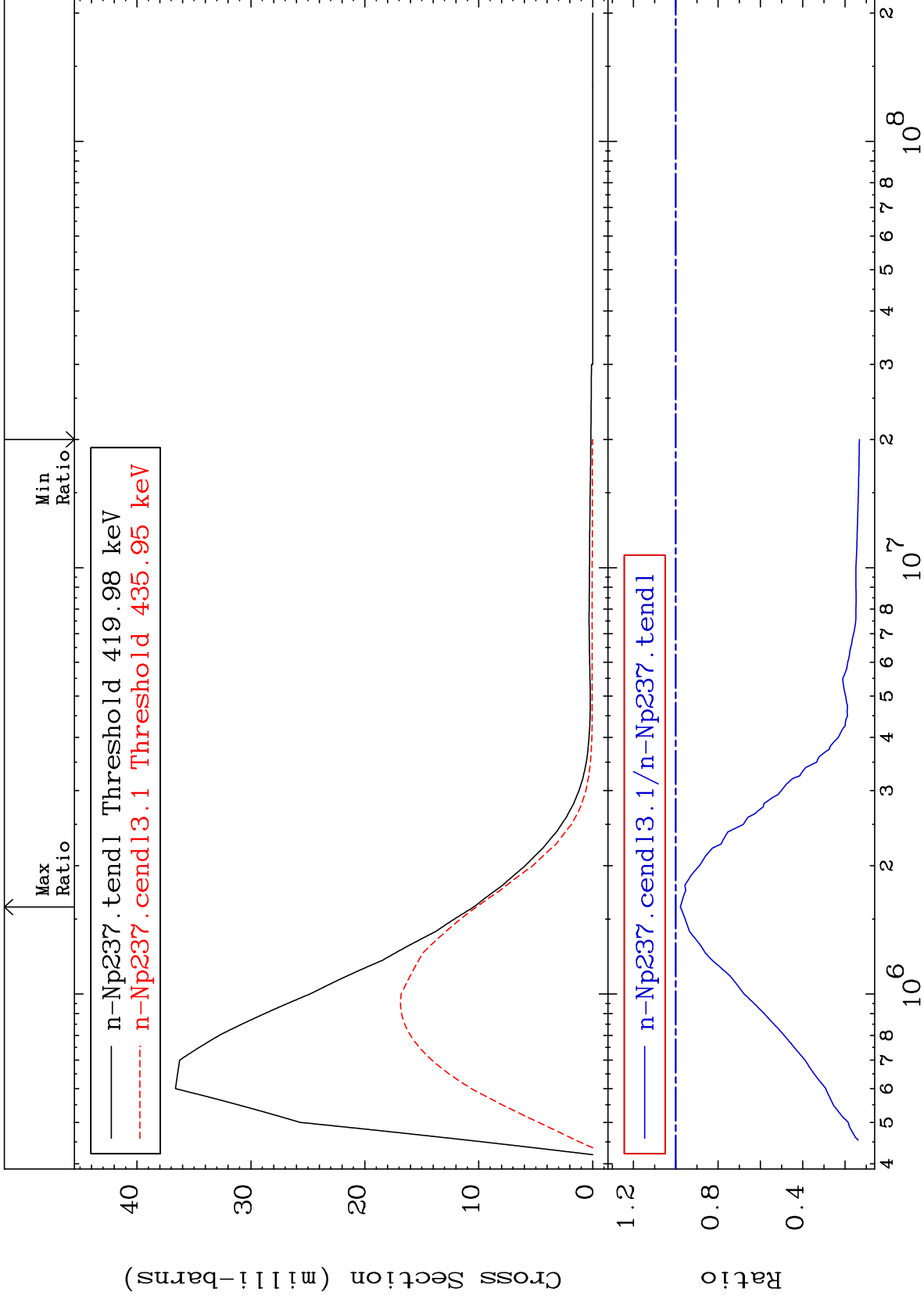
93-Np-237
-77.36 To 48.67 %



MAT 9346

MT= 71 (n,n') Level
Cross Section

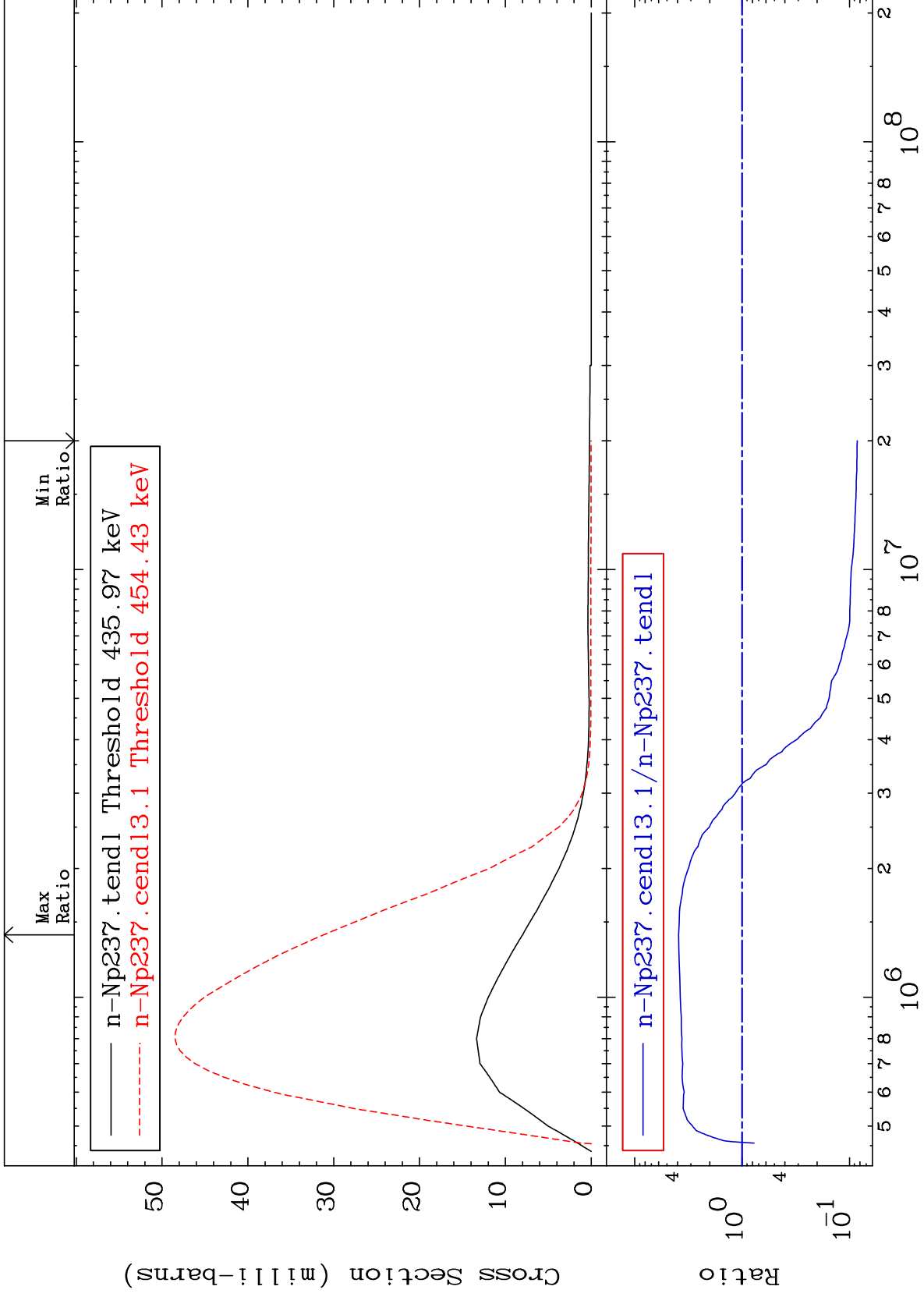
93-Np-237
-86.78 To -2.179%



MAT 9346

MT= 72 (n,n') Level
Cross Section

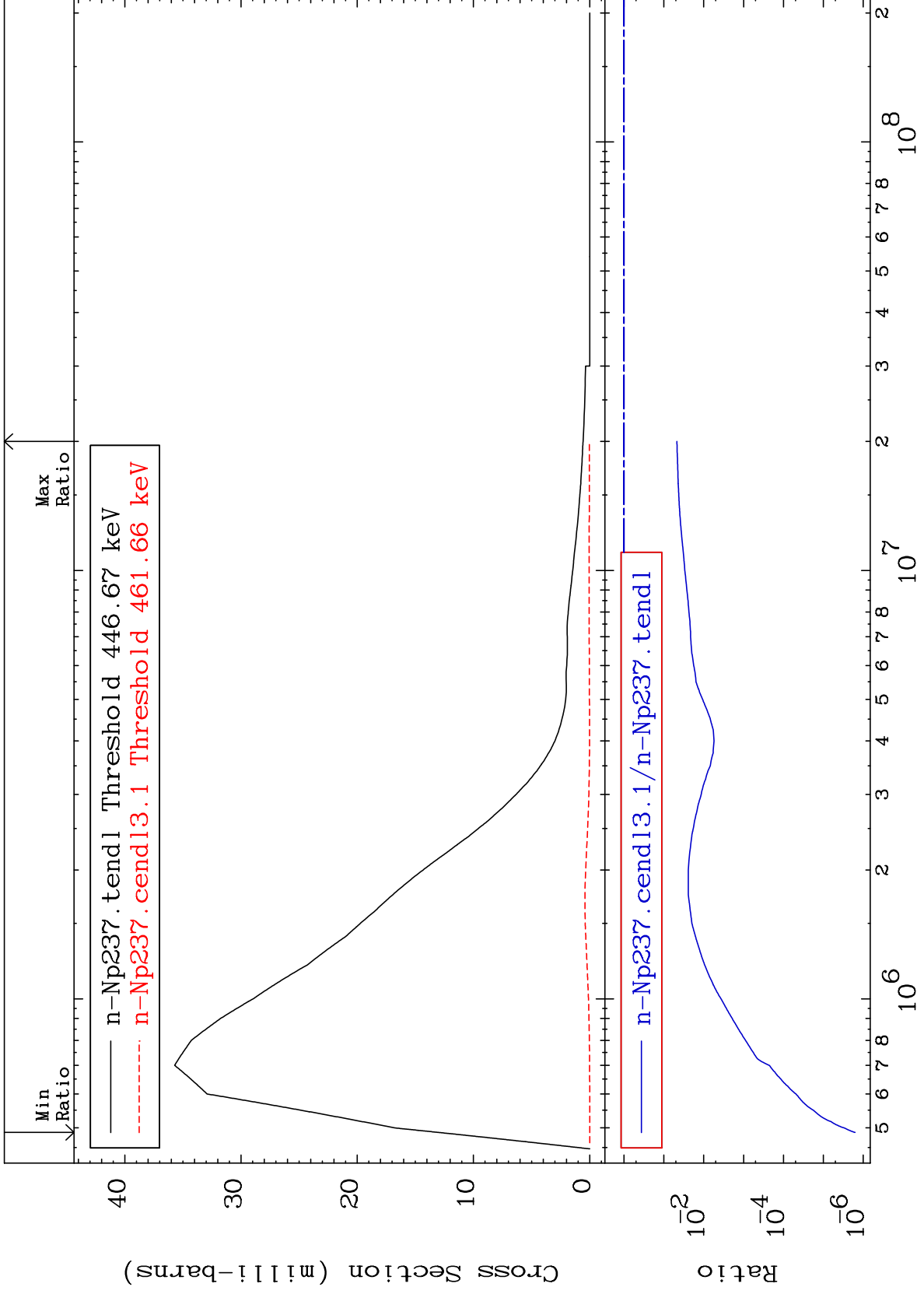
93-Np-237
-91.53 To 289.9 %



MAT 9346

MT= 73 (n,n') Level
Cross Section

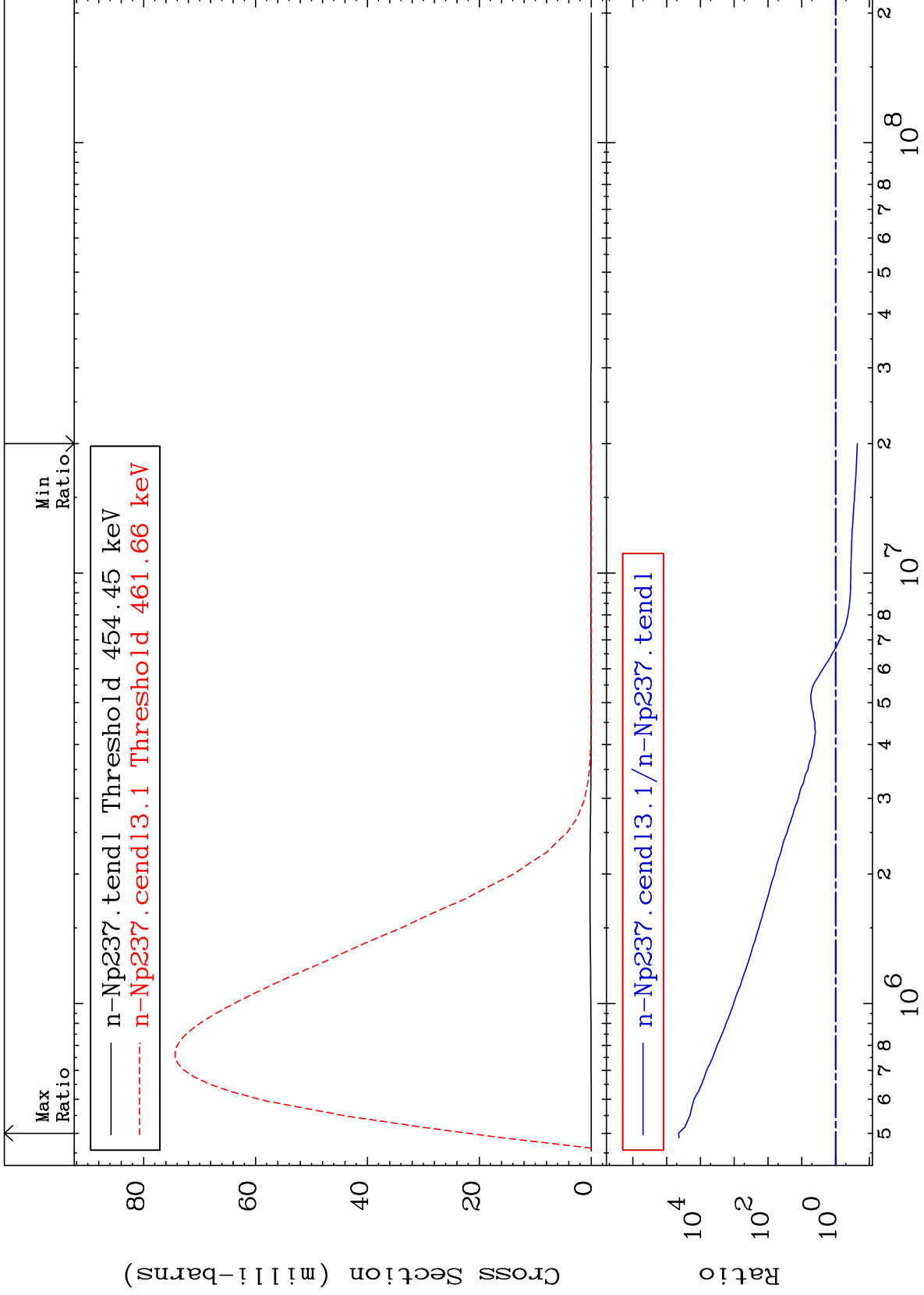
93-Np-237
-100.0 To -95.30%



MAT 9346

MT= 74 (n,n') Level
Cross Section

93-Np-237
-77.24 To 9999. %



30

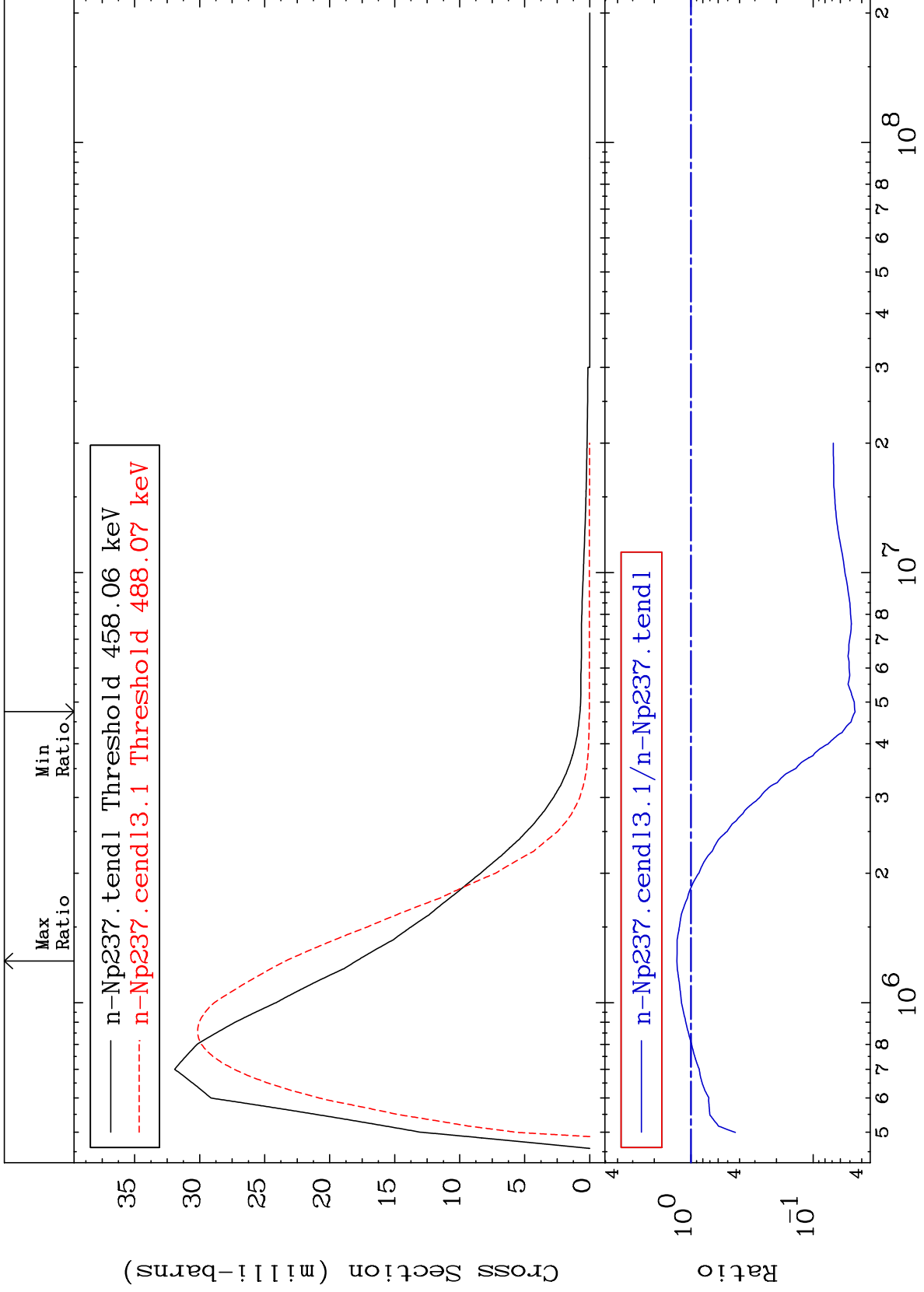
Incident Energy (eV)

93-Np-237

MAT 9346

MT= 75 (n,n') Level
Cross Section

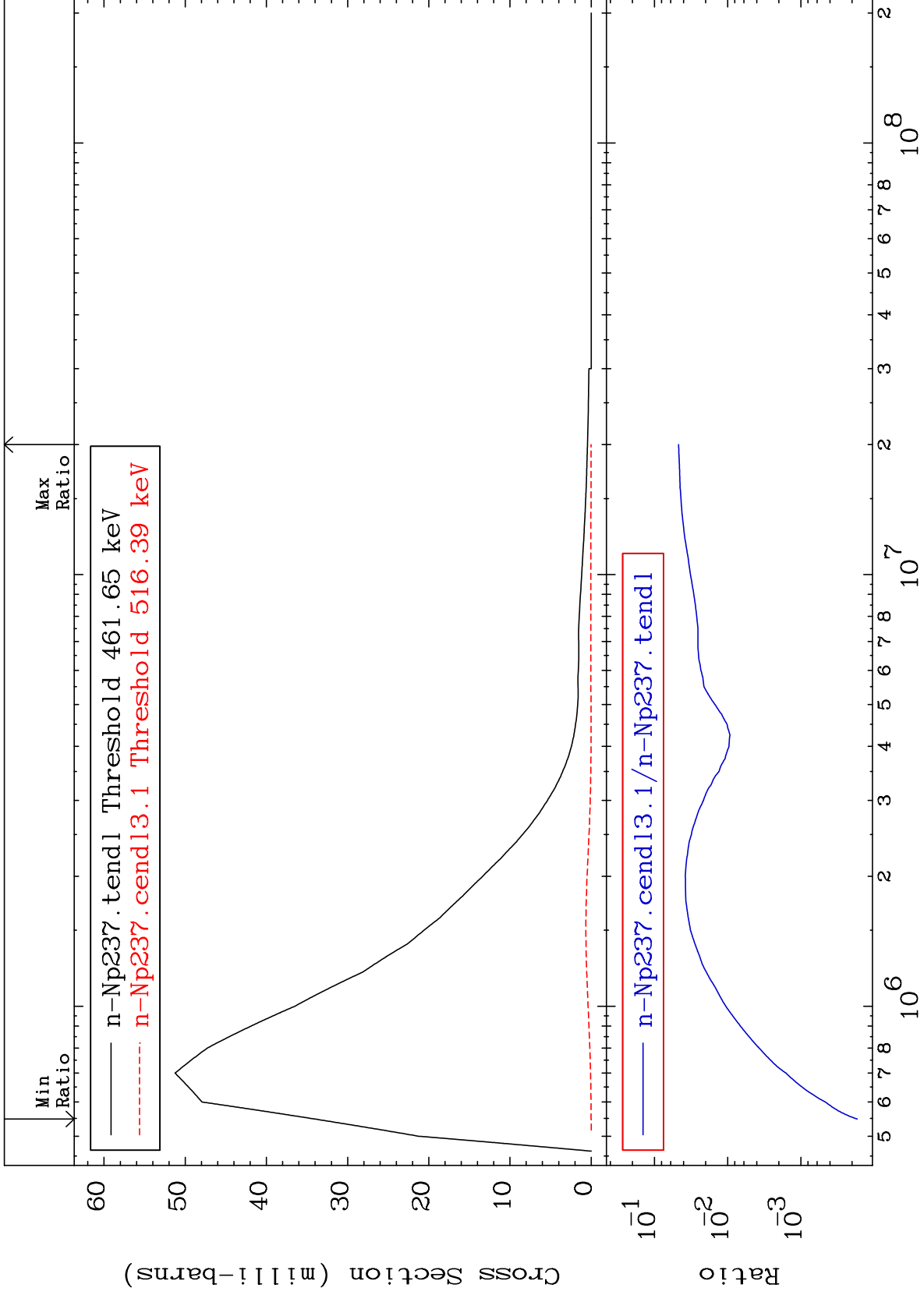
93-Np-237
-95.46 To 30.38 %



MAT 9346

MT= 76 (n,n') Level
Cross Section

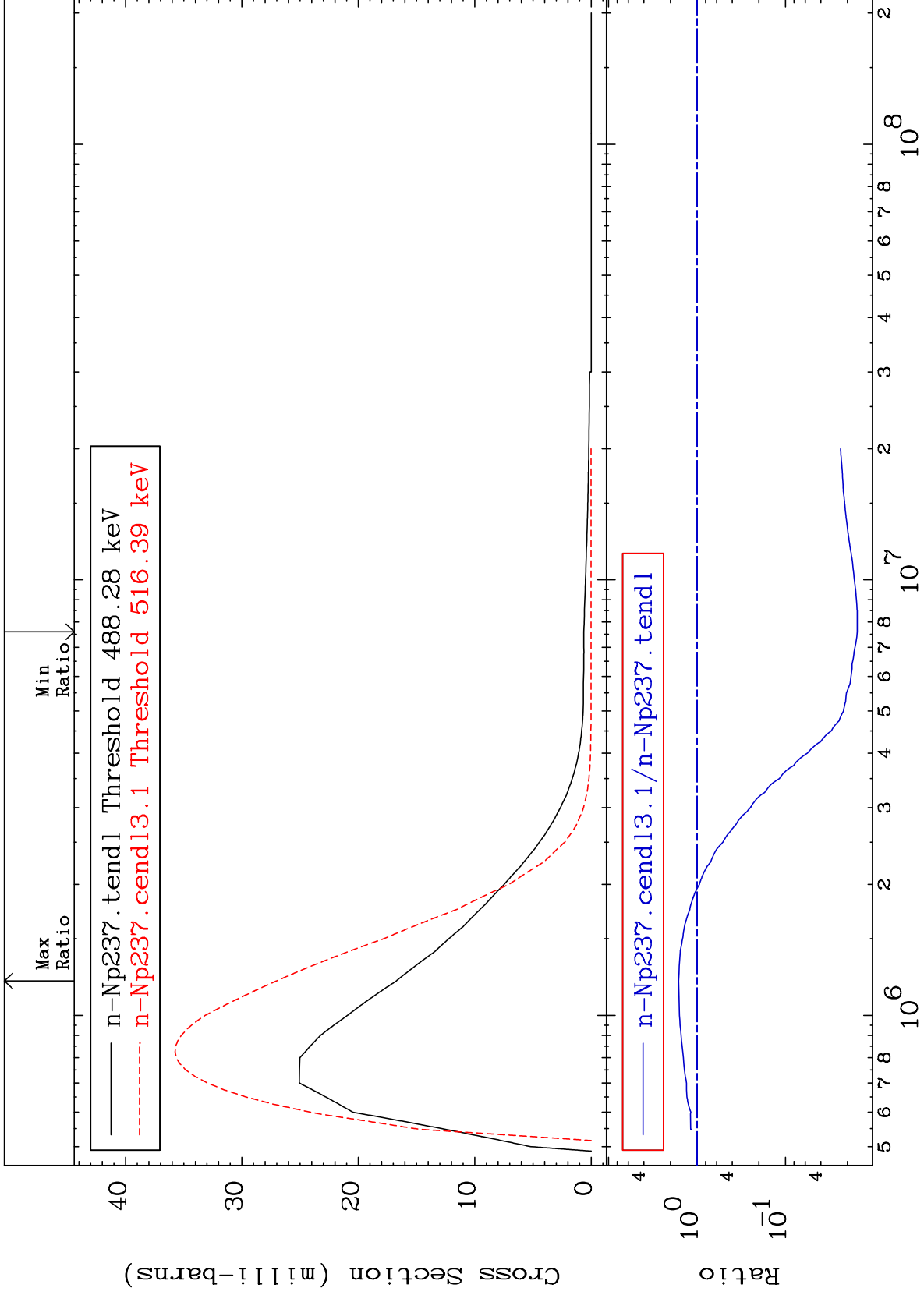
93-Np-237
-99.98 To -95.32%



MAT 9346

MT= 77 (n,n') Level
Cross Section

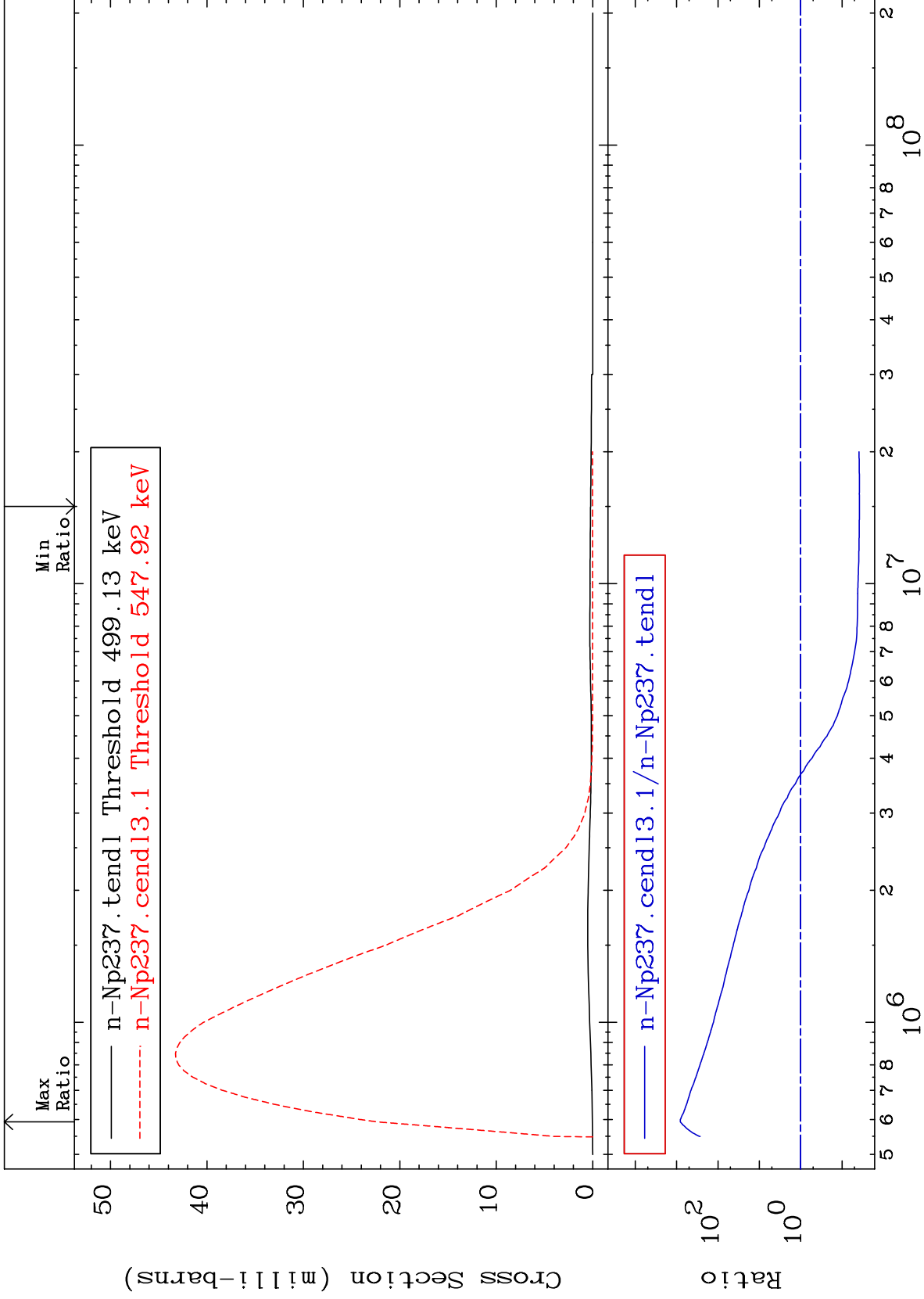
93-Np-237
-98.45 To 61.56 %



MAT 9346

MT= 78 (n,n') Level
Cross Section

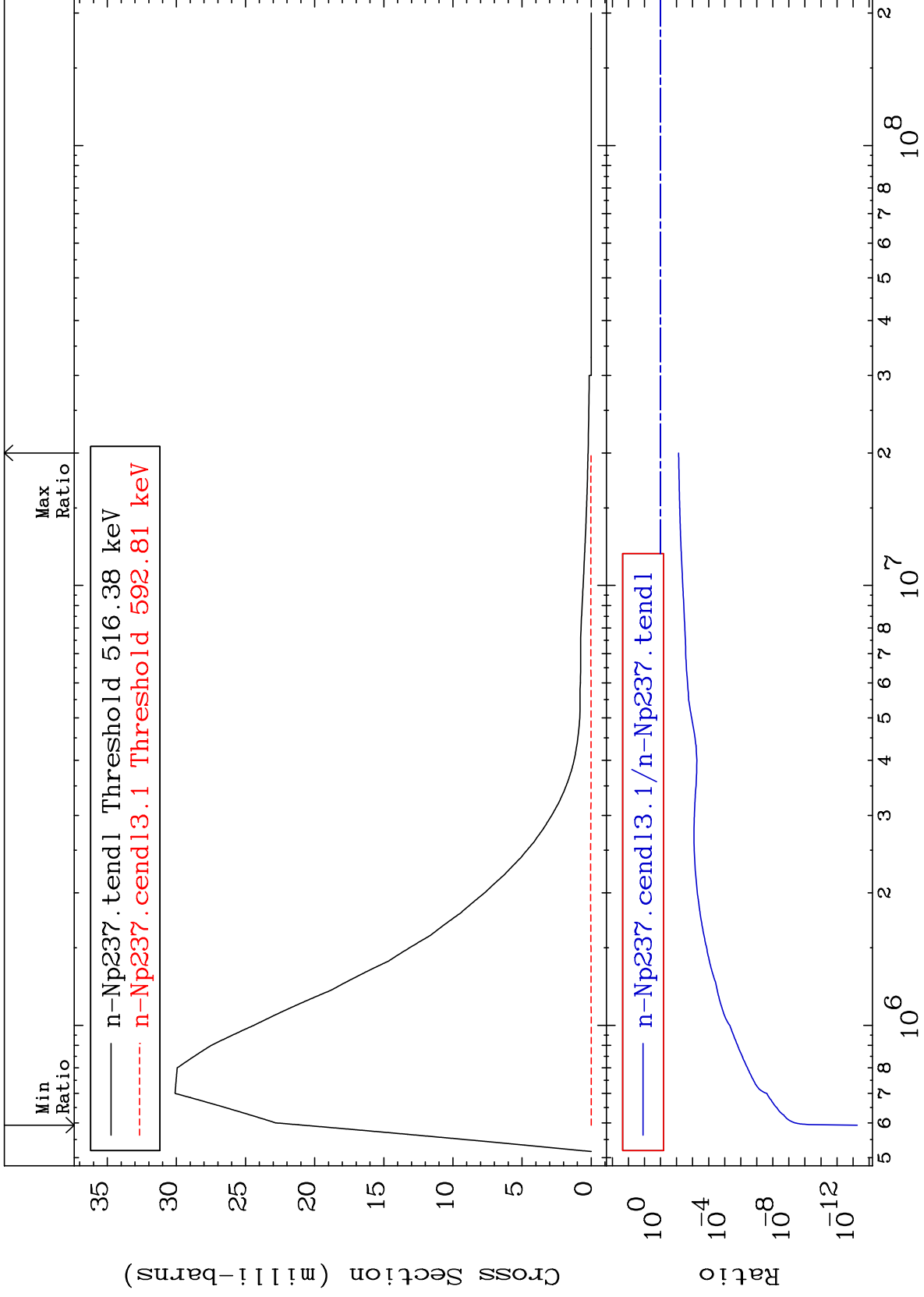
93-Np-237
-96.20 To 9999. %

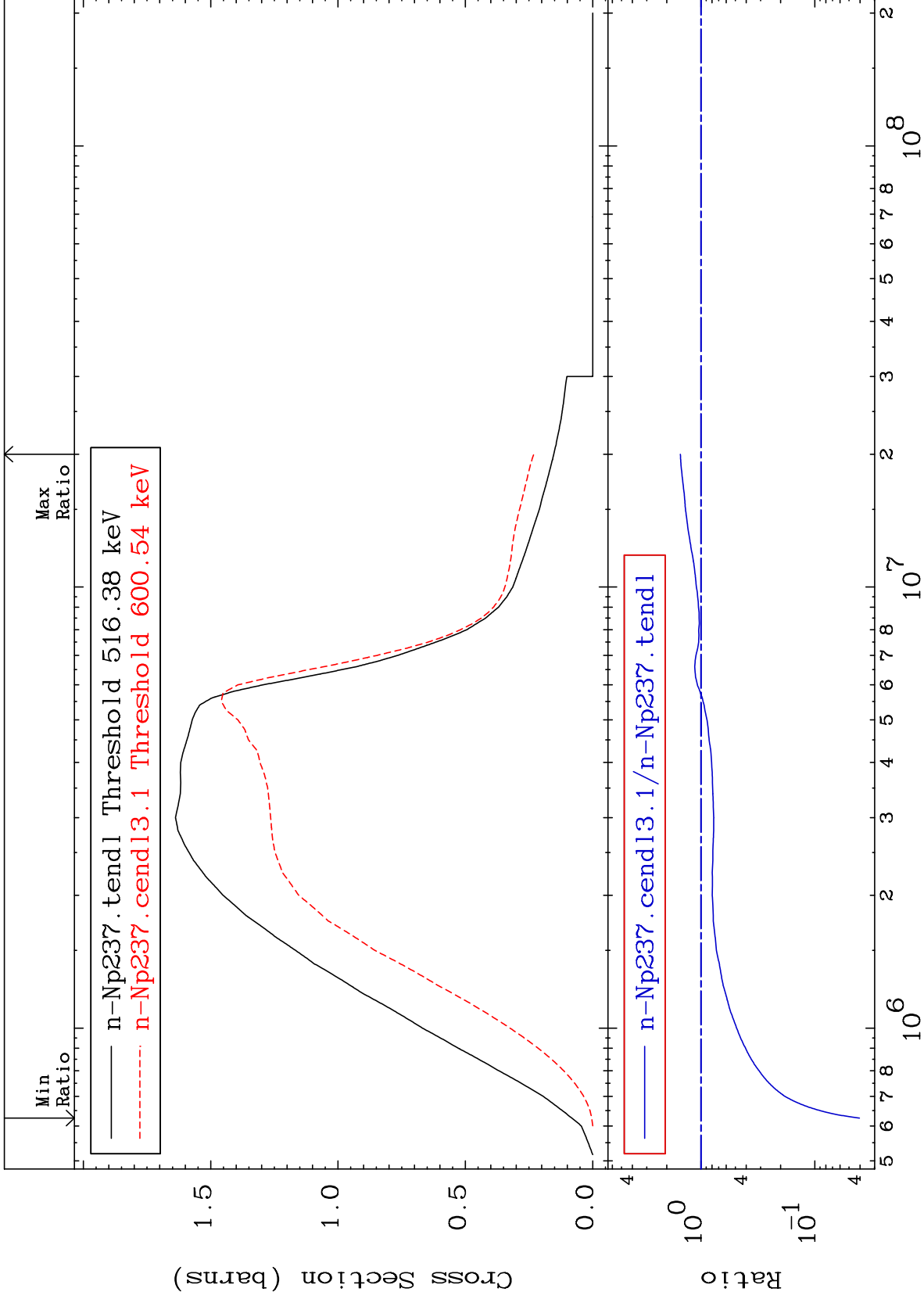


MAT 9346

MT= 79 (n,n') Level
Cross Section

93-Np-237
-100.0 To -92.56%

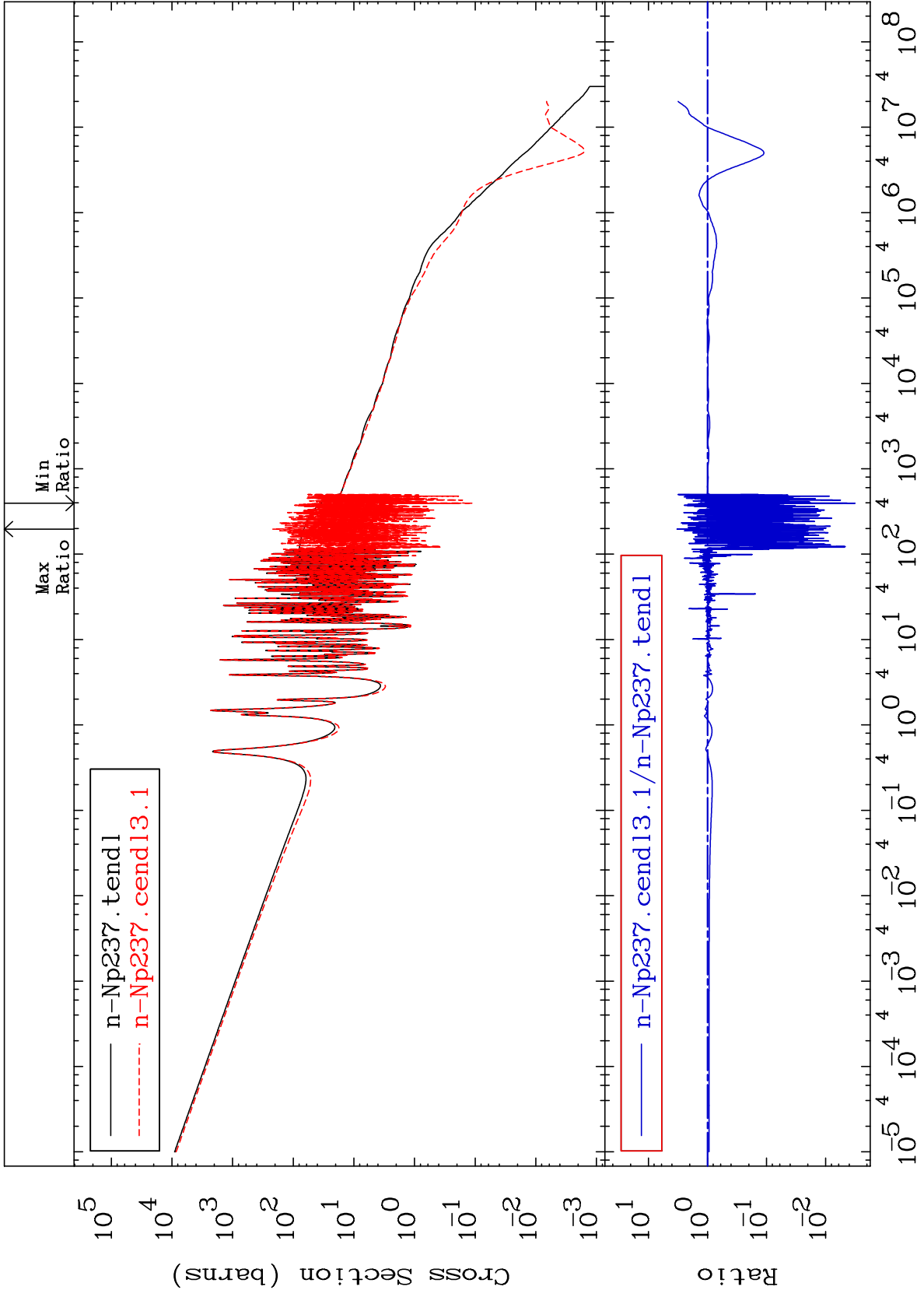




MAT 9346

(n, γ)
Cross Section

93-Np-237
-99.68 To 228.9 %



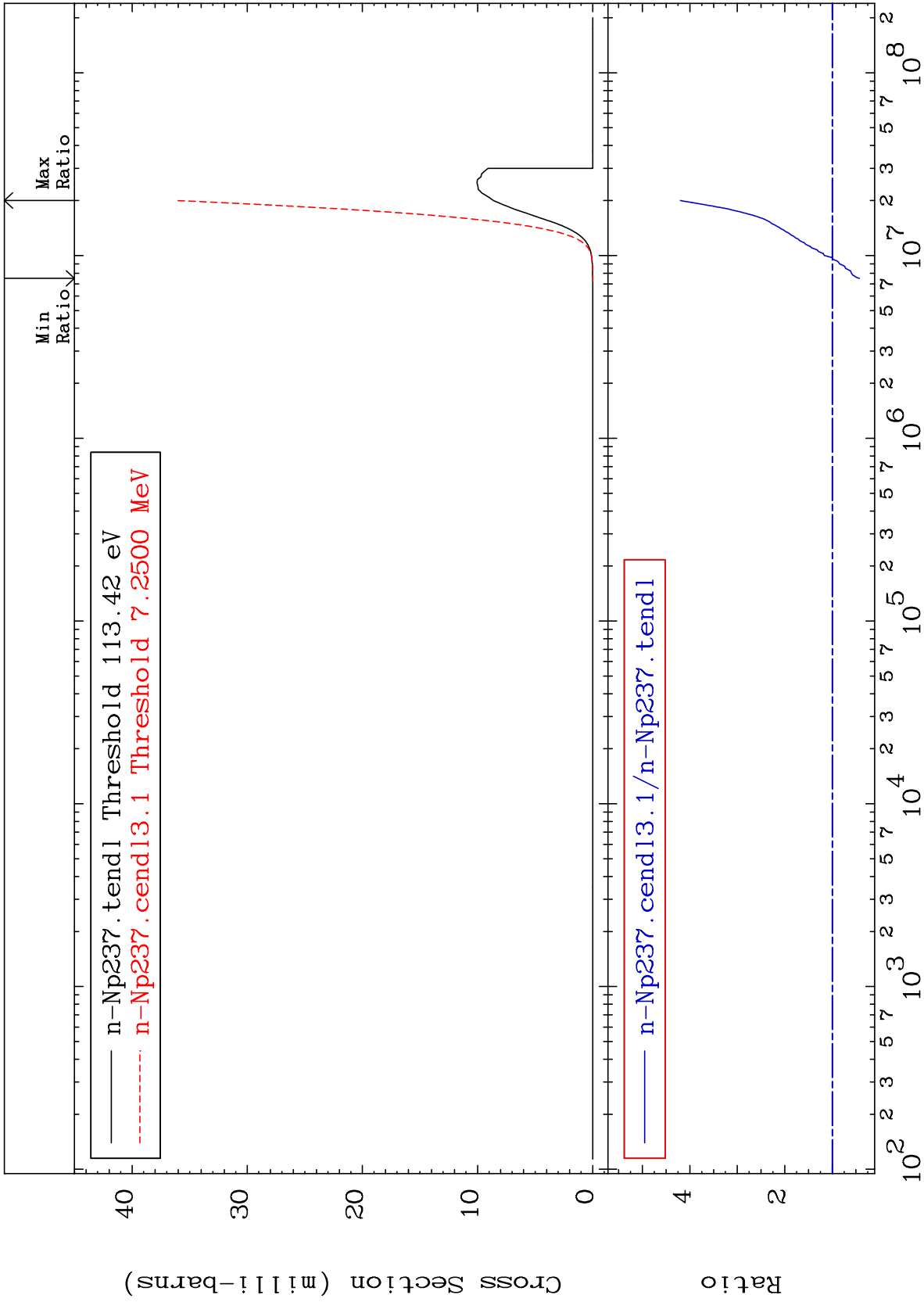
MAT 9346

(n,p)

93-Np-237

Cross Section

-57.26 To 320.0 %



38

Incident Energy (eV)

93-Np-237

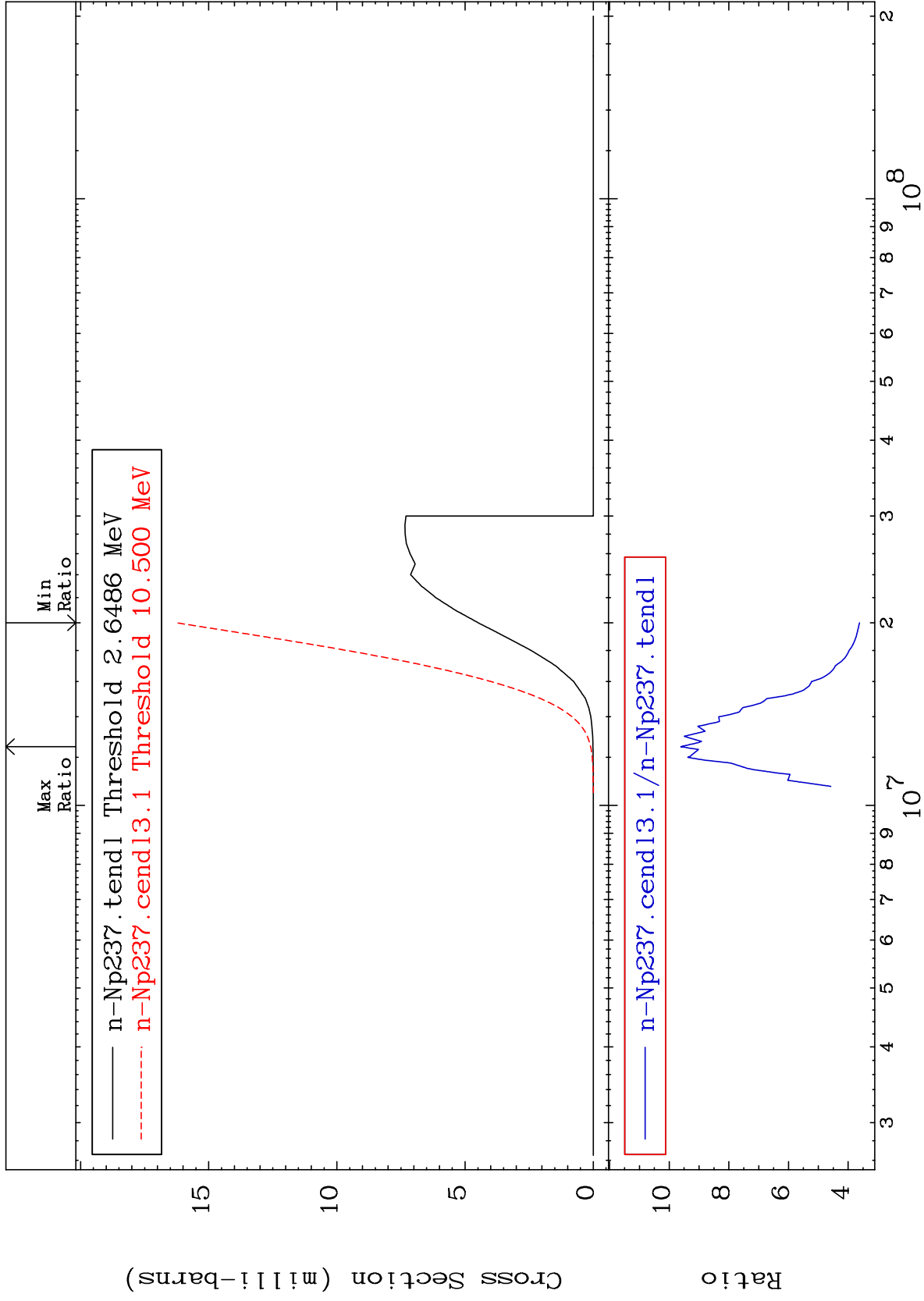
MAT 9346

(n, d)

93-Np-237

Cross Section

261.8 To 861.3 %



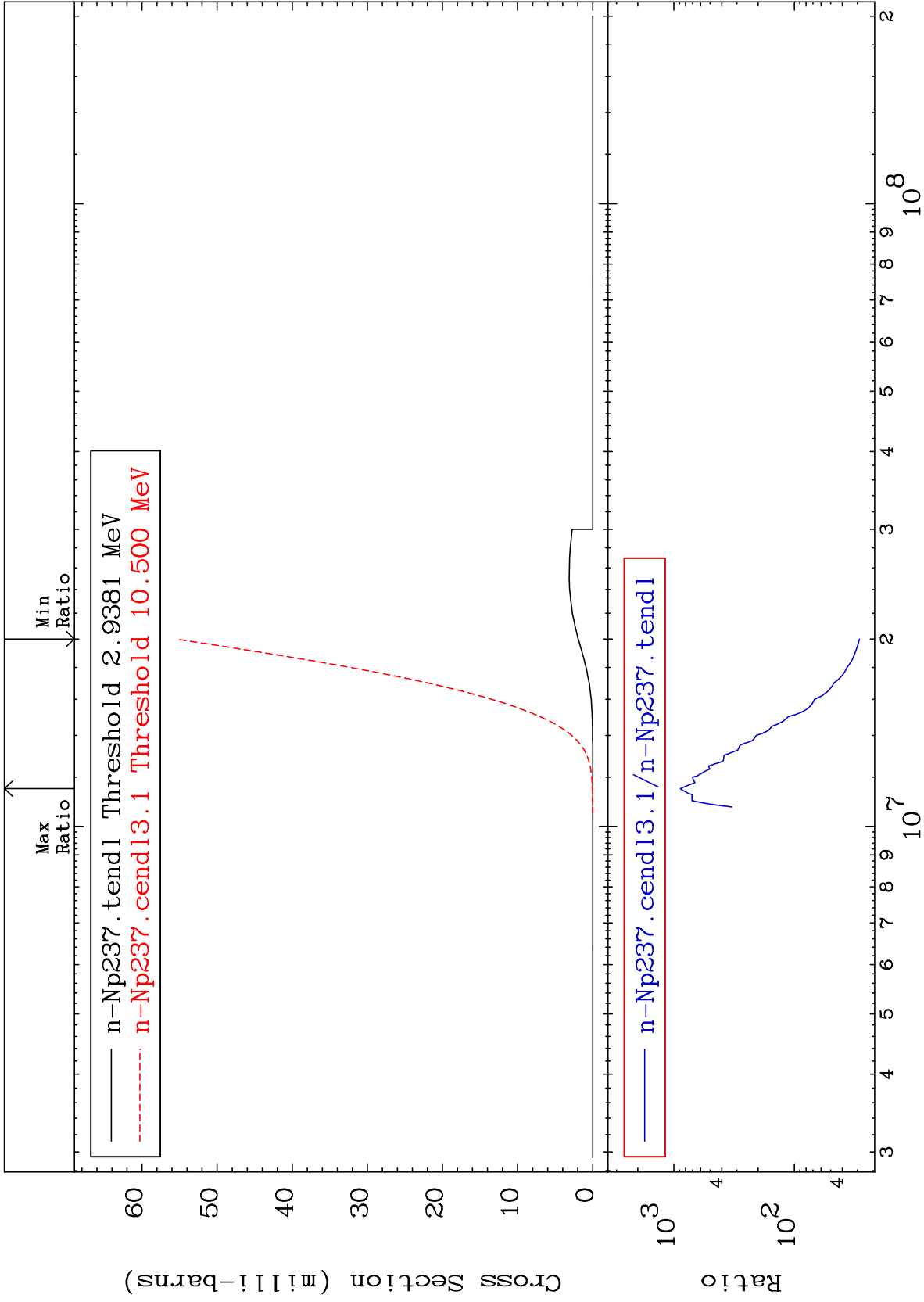
39

93-Np-237

93-Np-237

MAT 9346

(n, t)
Cross Section
2779. To 9999. %
93-Np-237



40

Incident Energy (eV)

93-Np-237

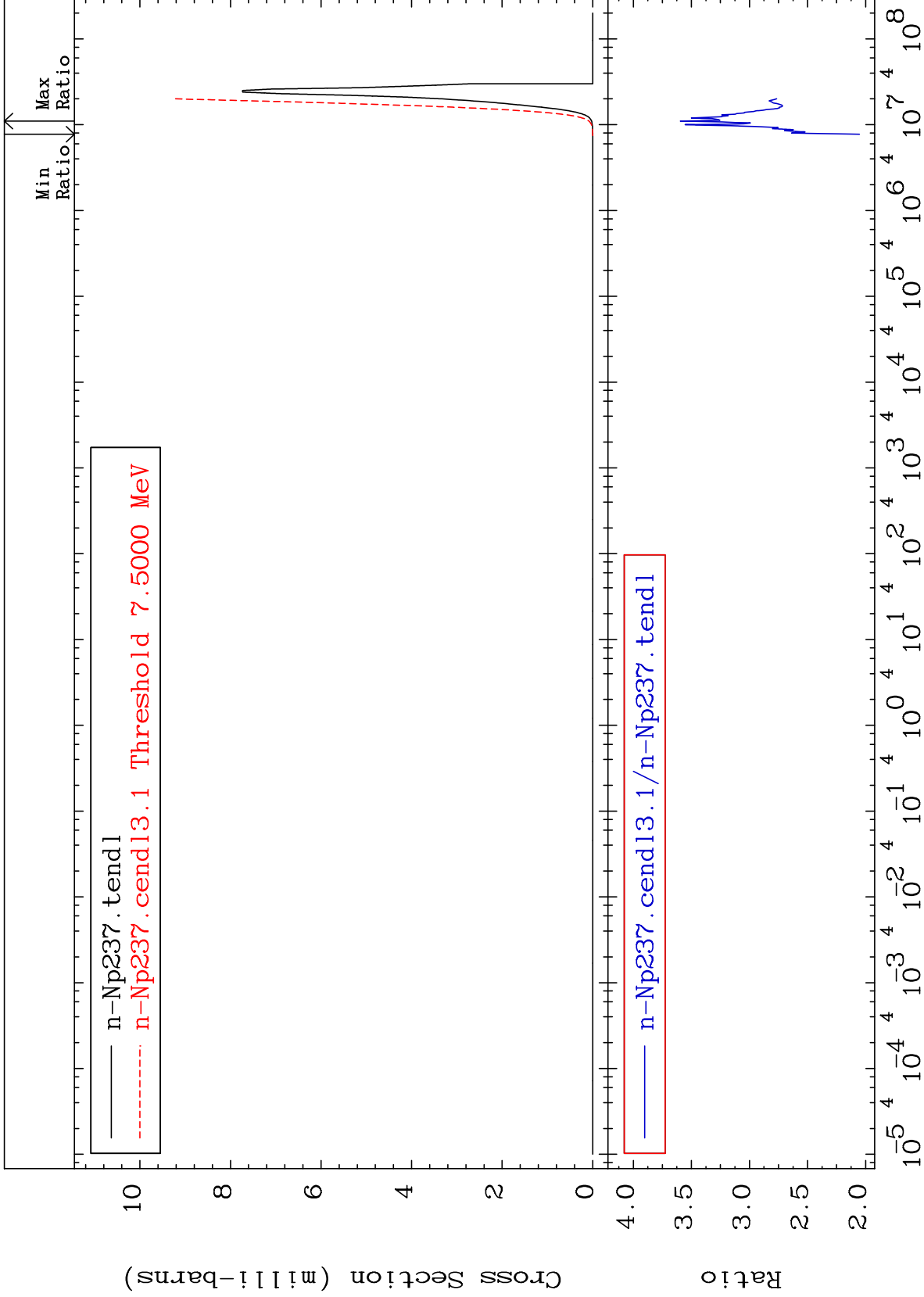
MAT 9346

(n, α)

93-Np-237

Cross Section

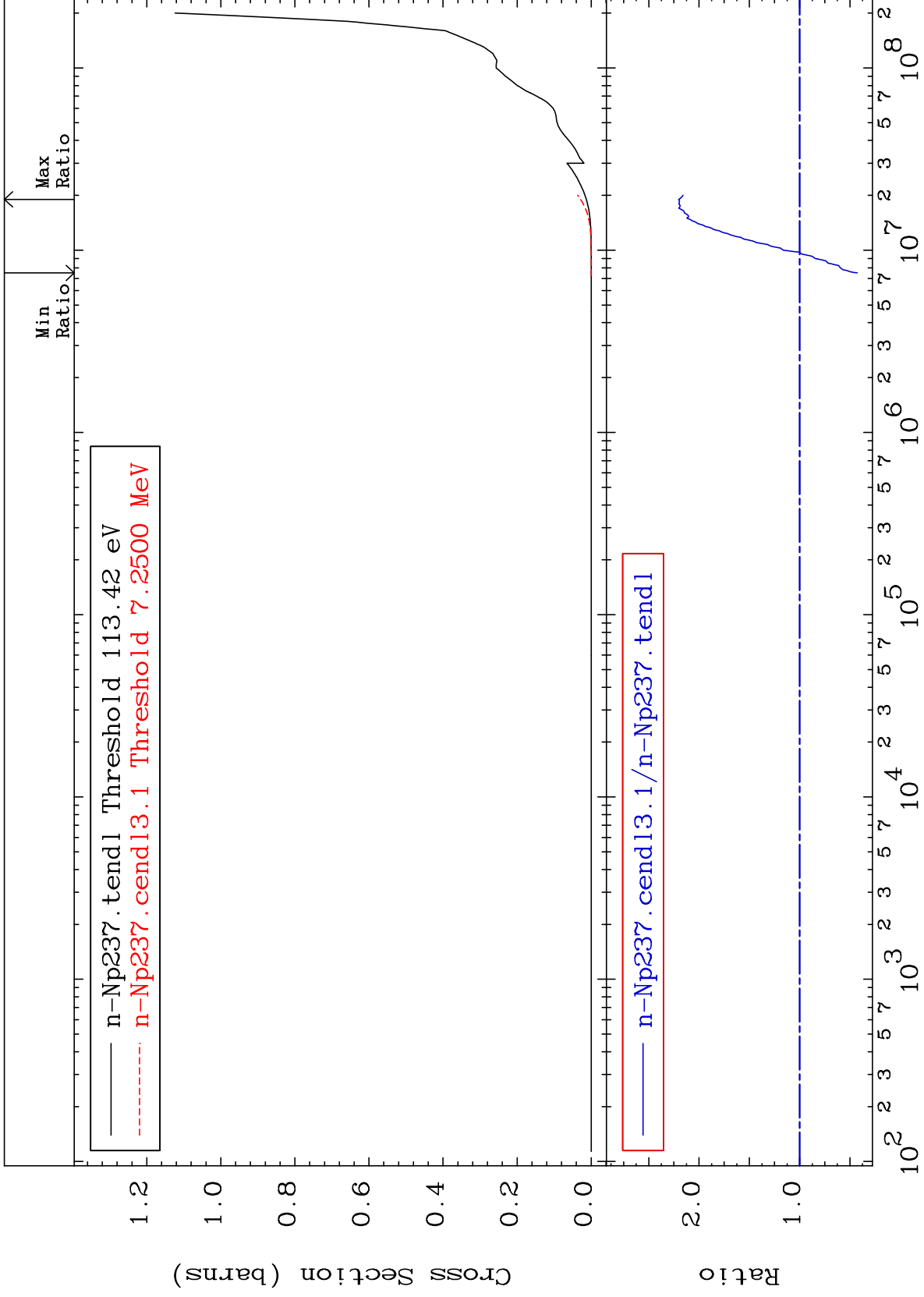
105.3 To 259.5 %



MAT 9346

Hydrogen Production
Cross Section

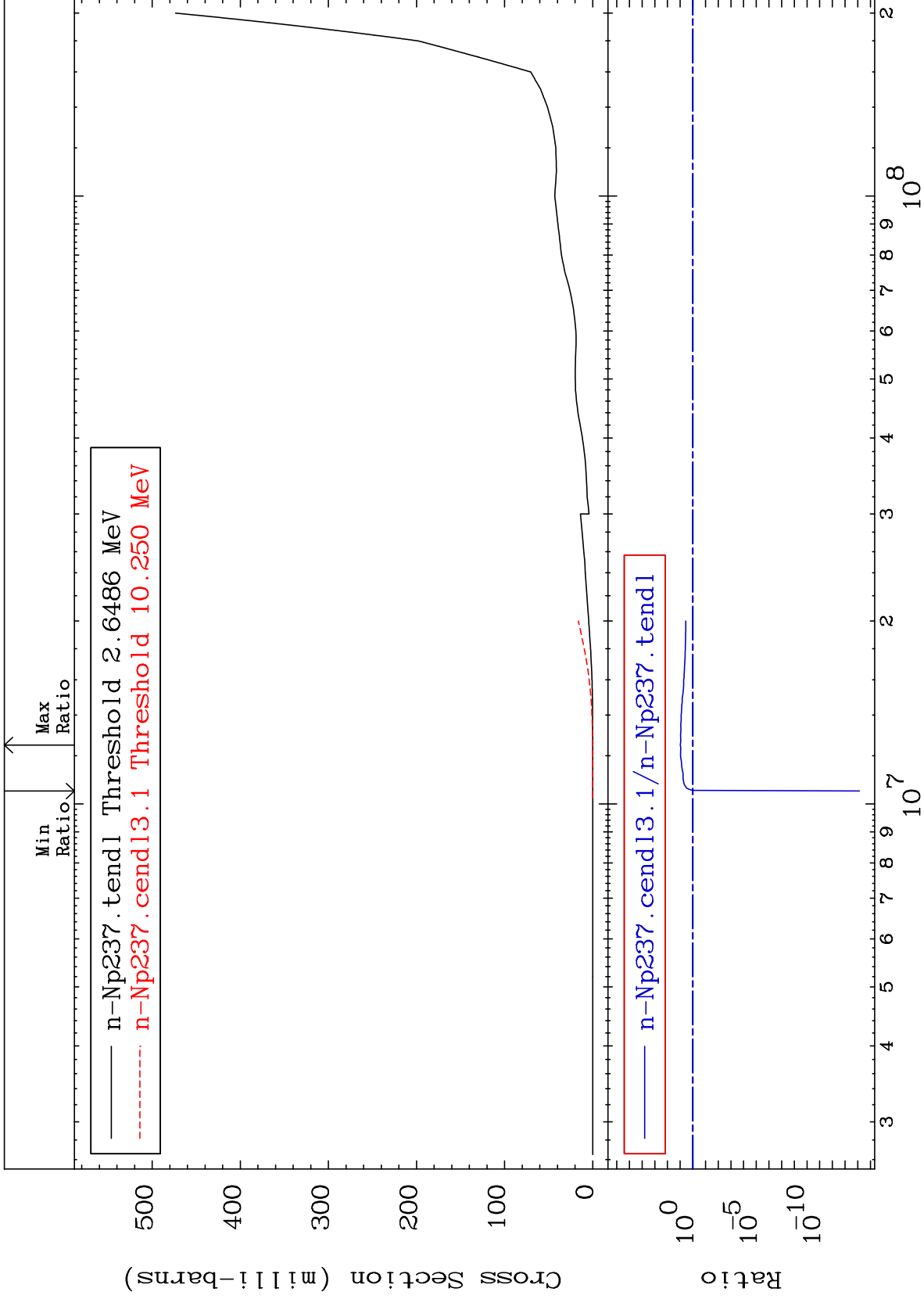
93-Np-237
-57.26 To 120.3 %



MAT 9346

Deuterium Production
Cross Section

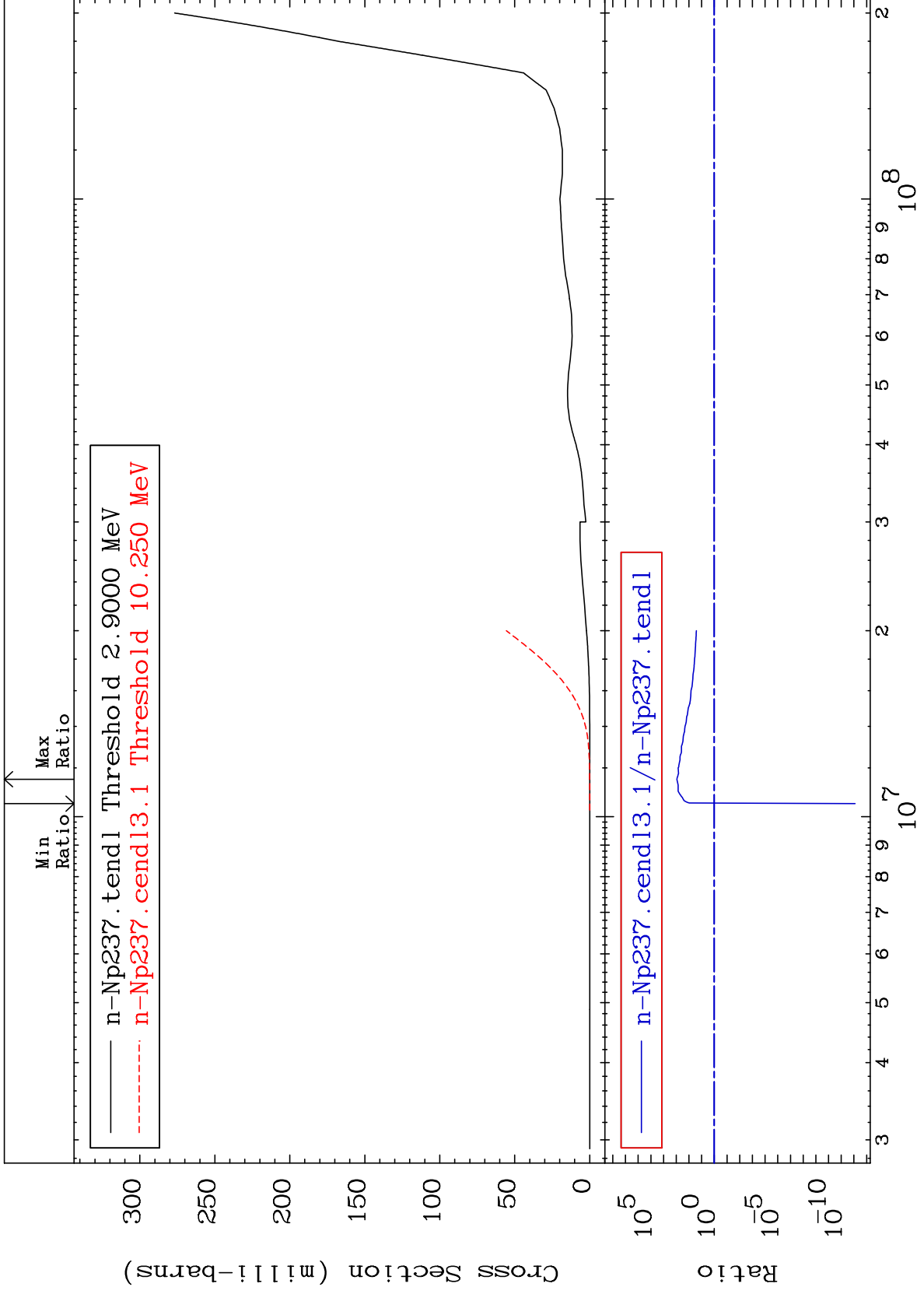
93-Np-237
-100.0 To 861.3 %

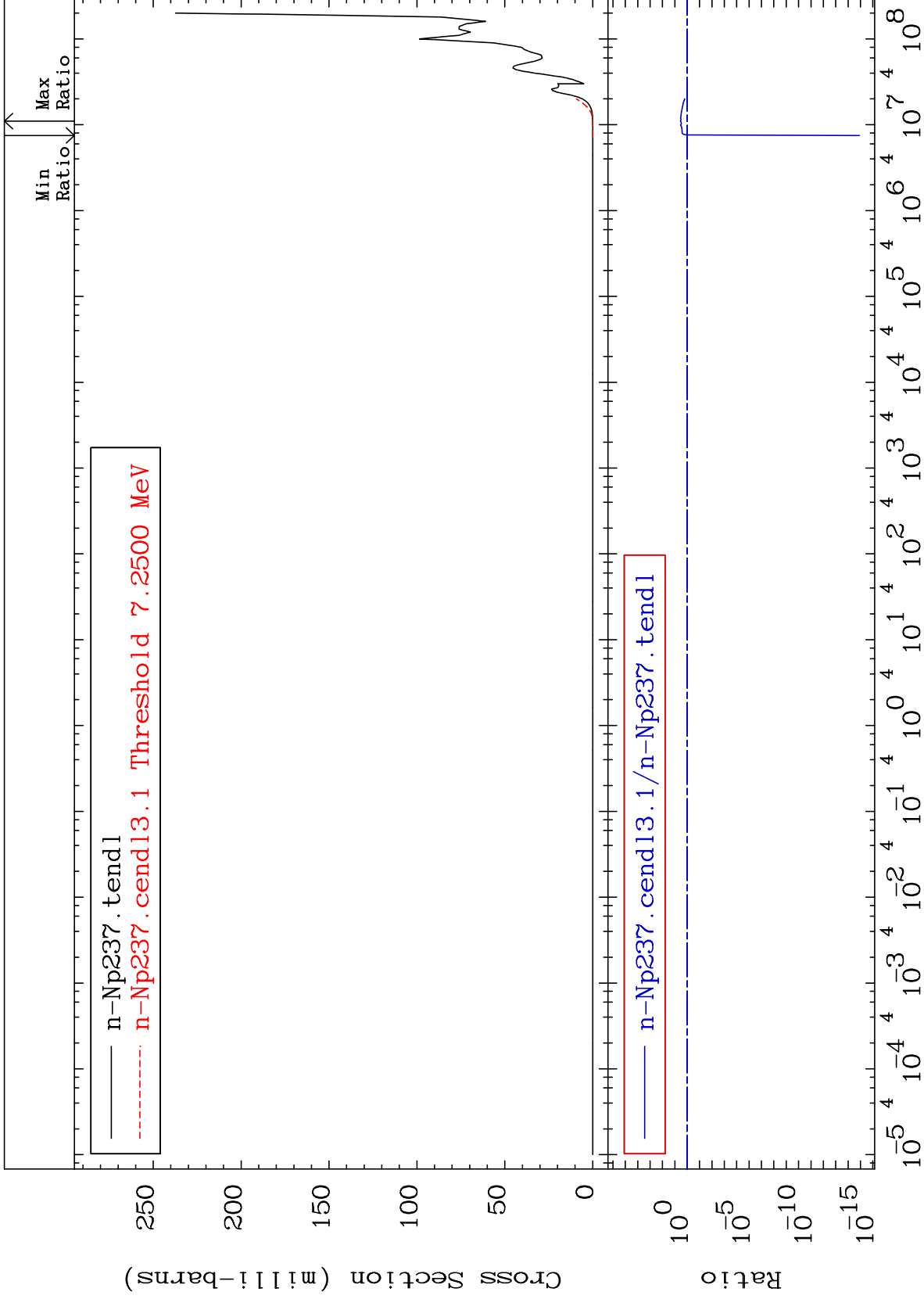


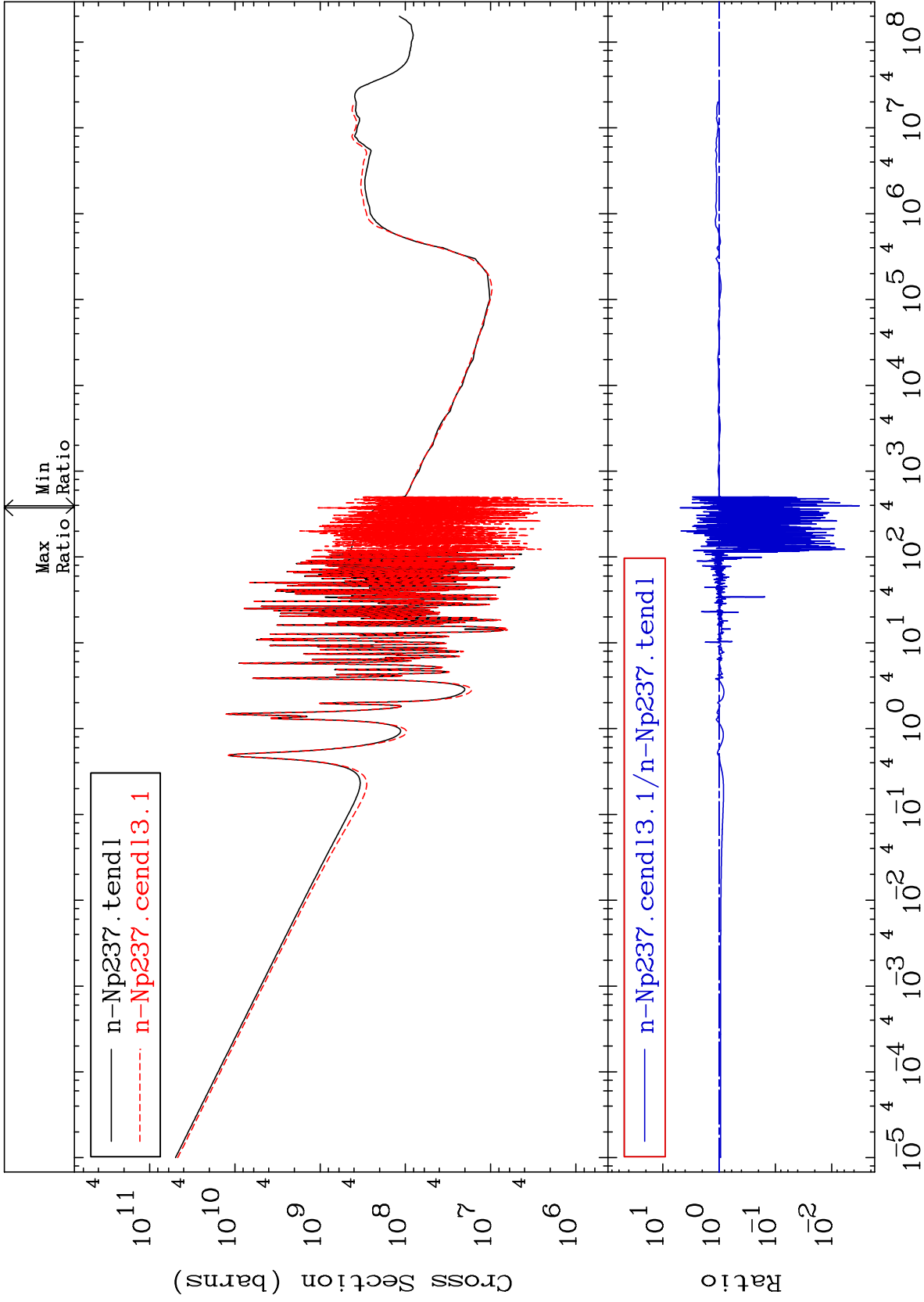
MAT 9346

Tritium Production
Cross Section

93-Np-237
-100.0 To 9999. %



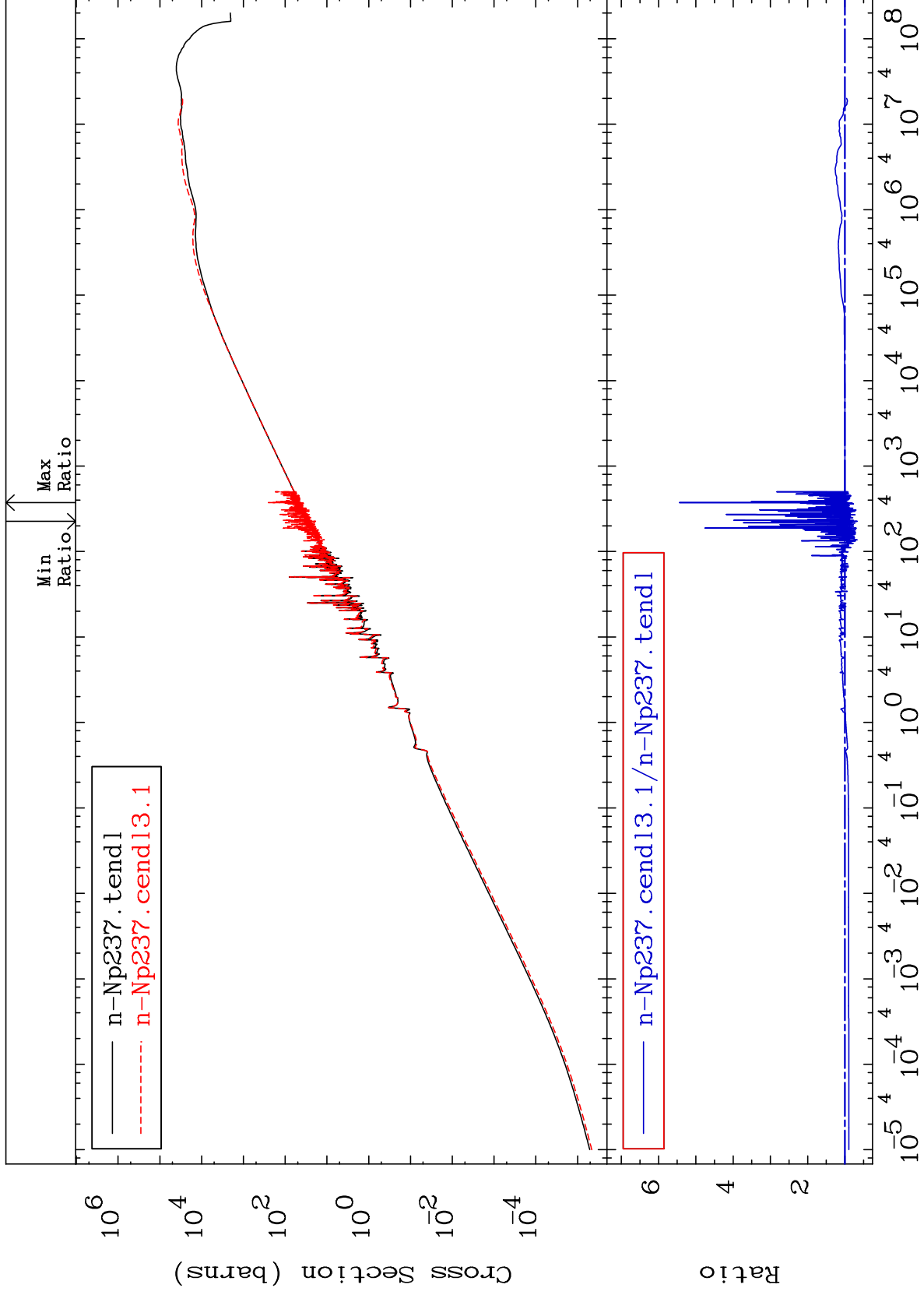




MAT 9346

Kerma elastic
Cross Section

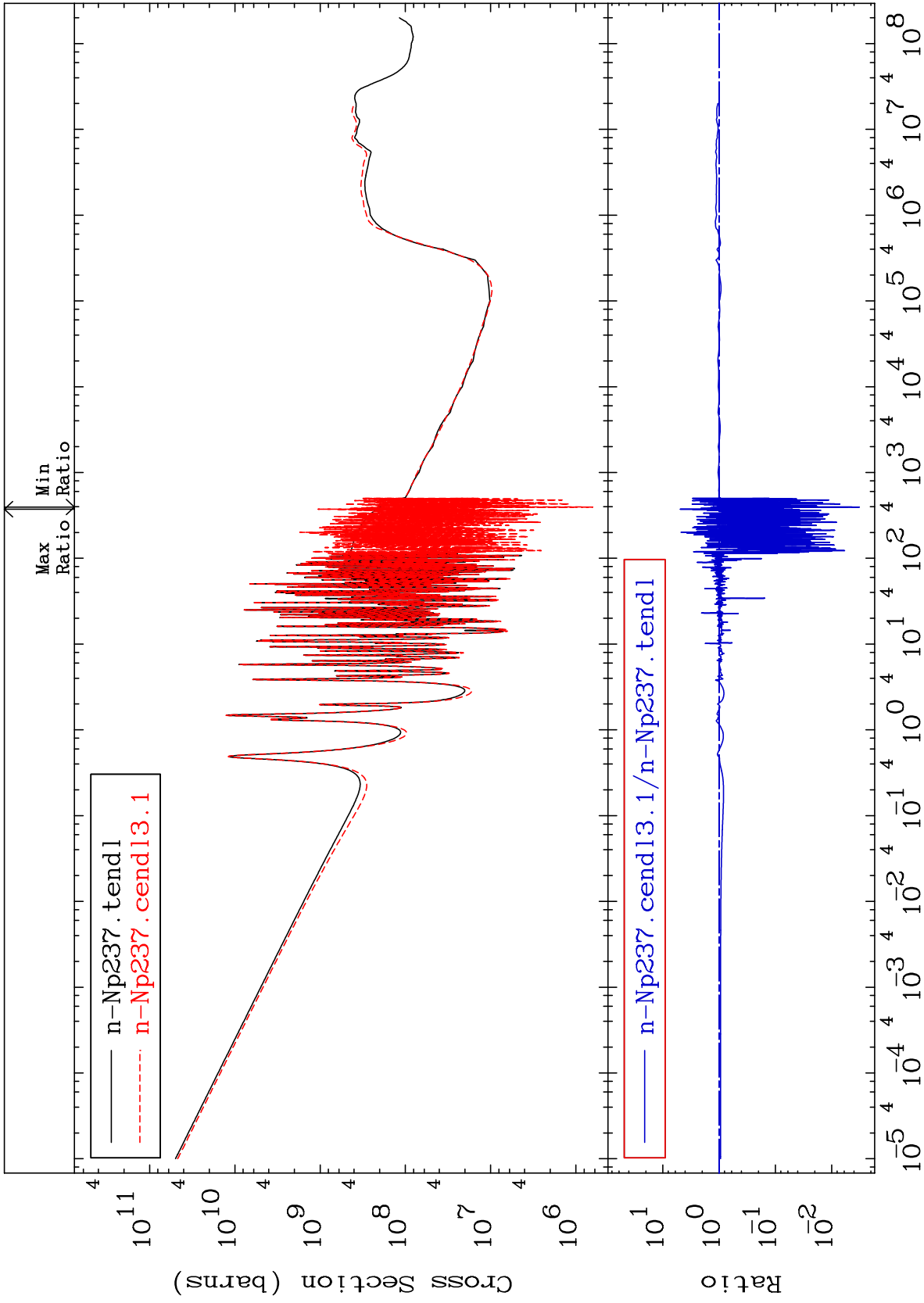
93-Np-237
-33.43 To 445.0 %

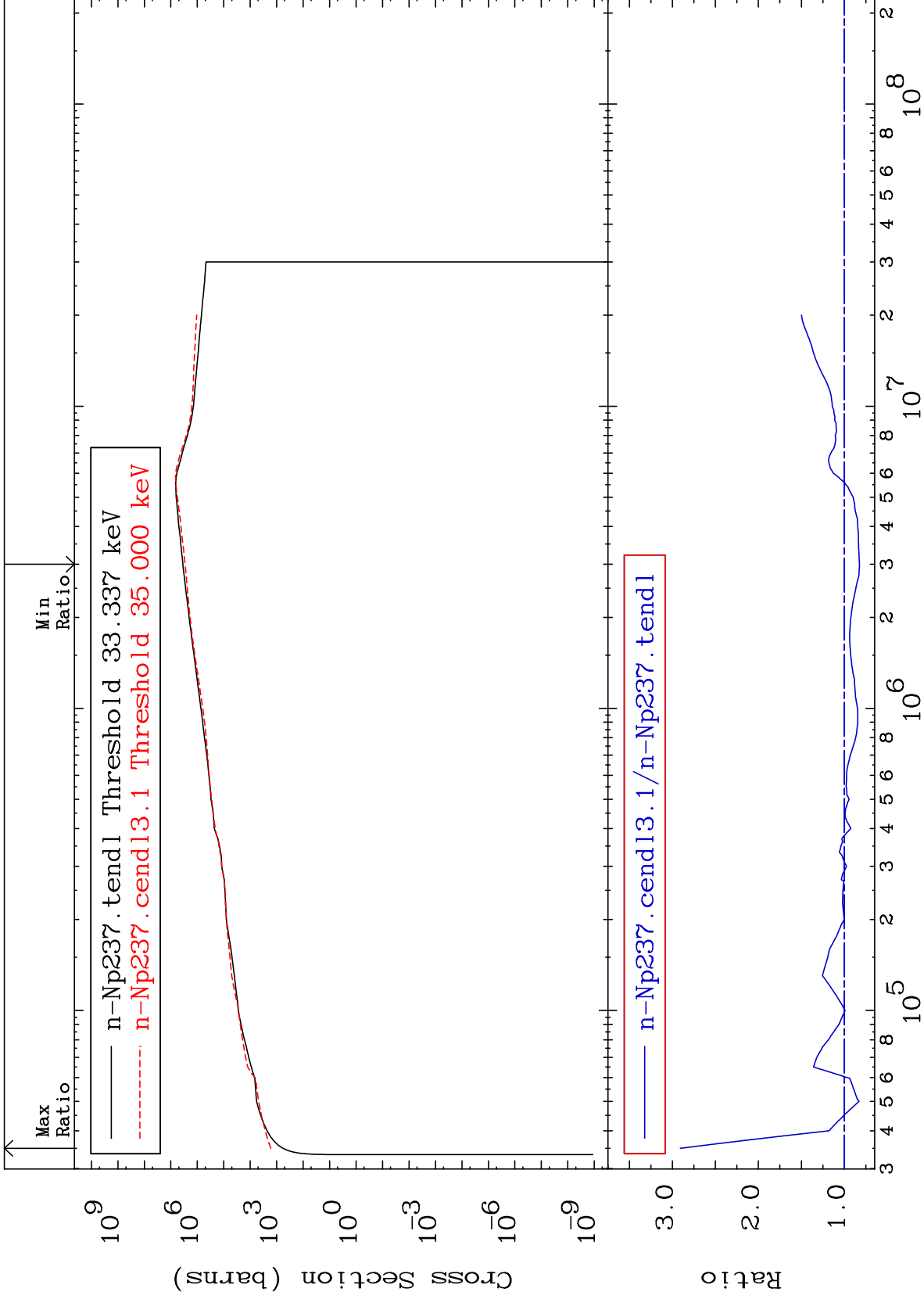


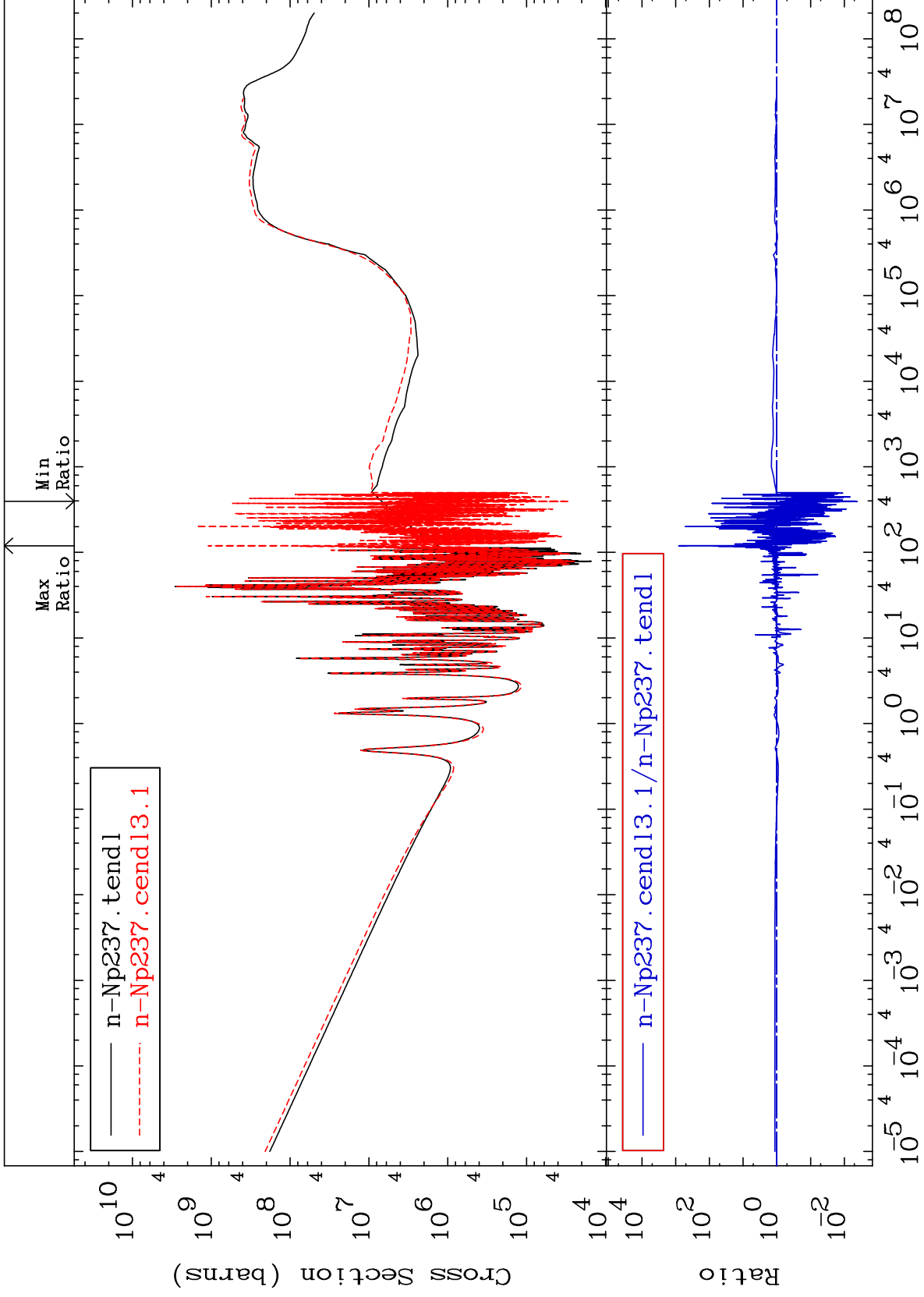
47

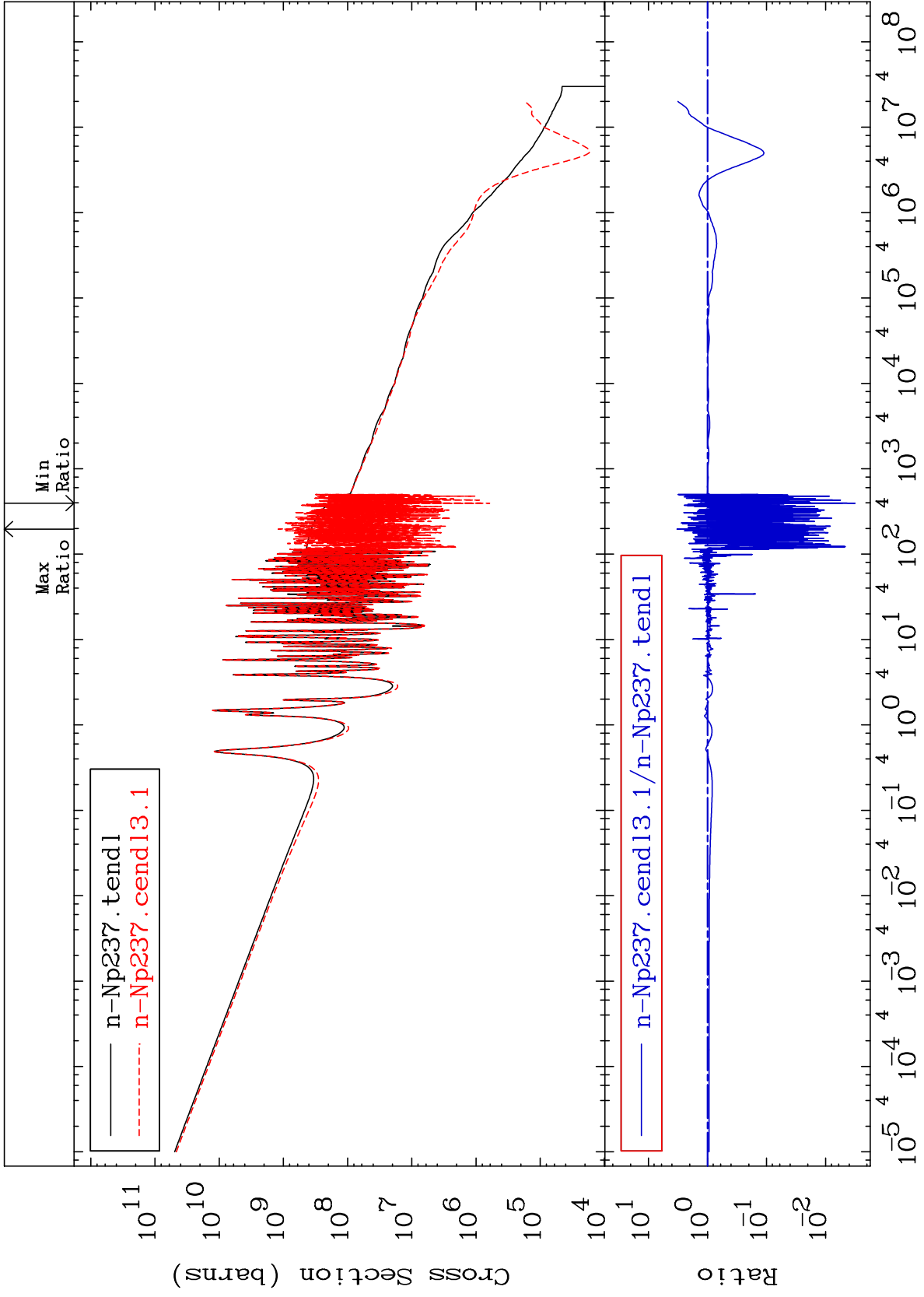
Incident Energy (eV)

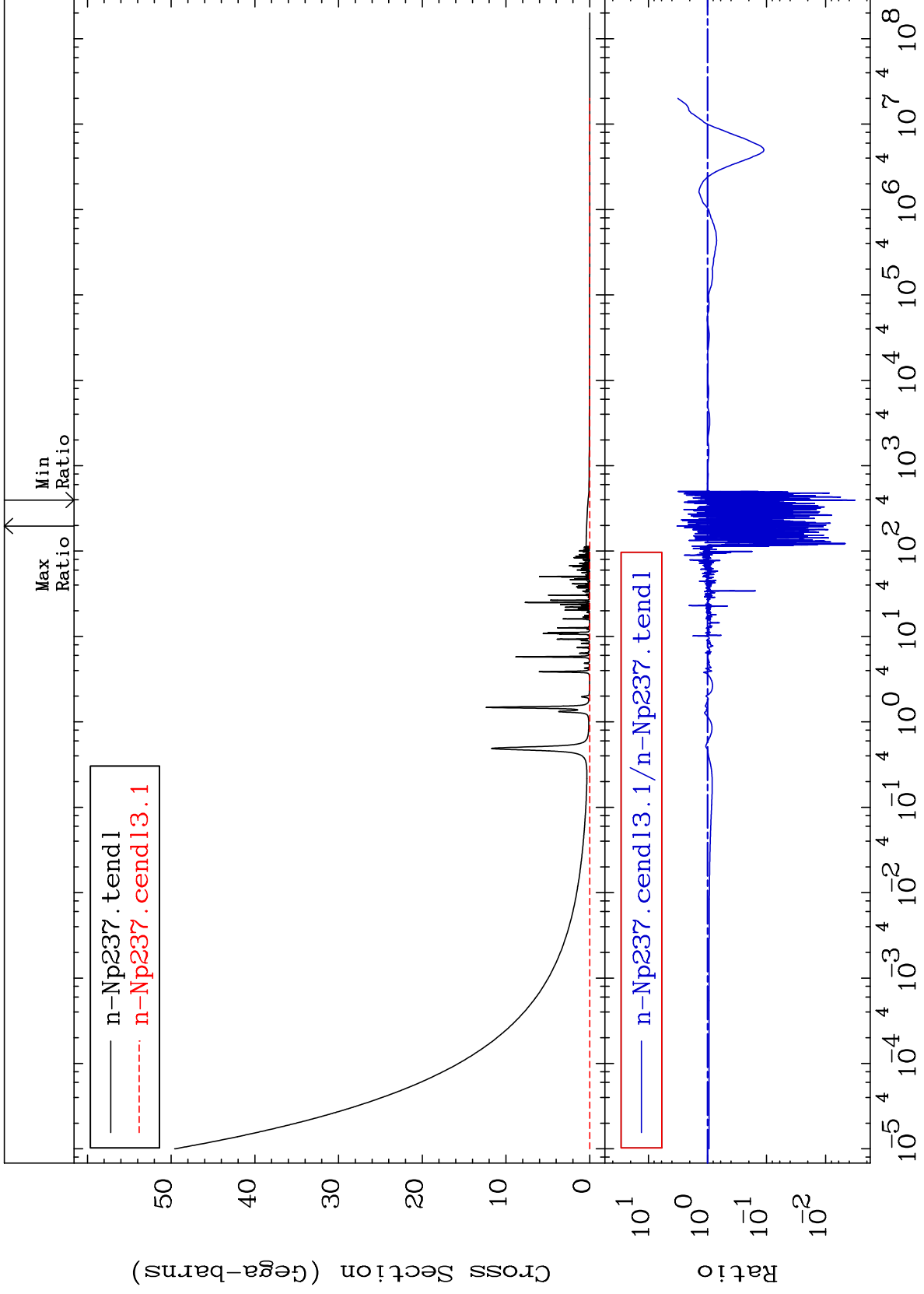
93-Np-237

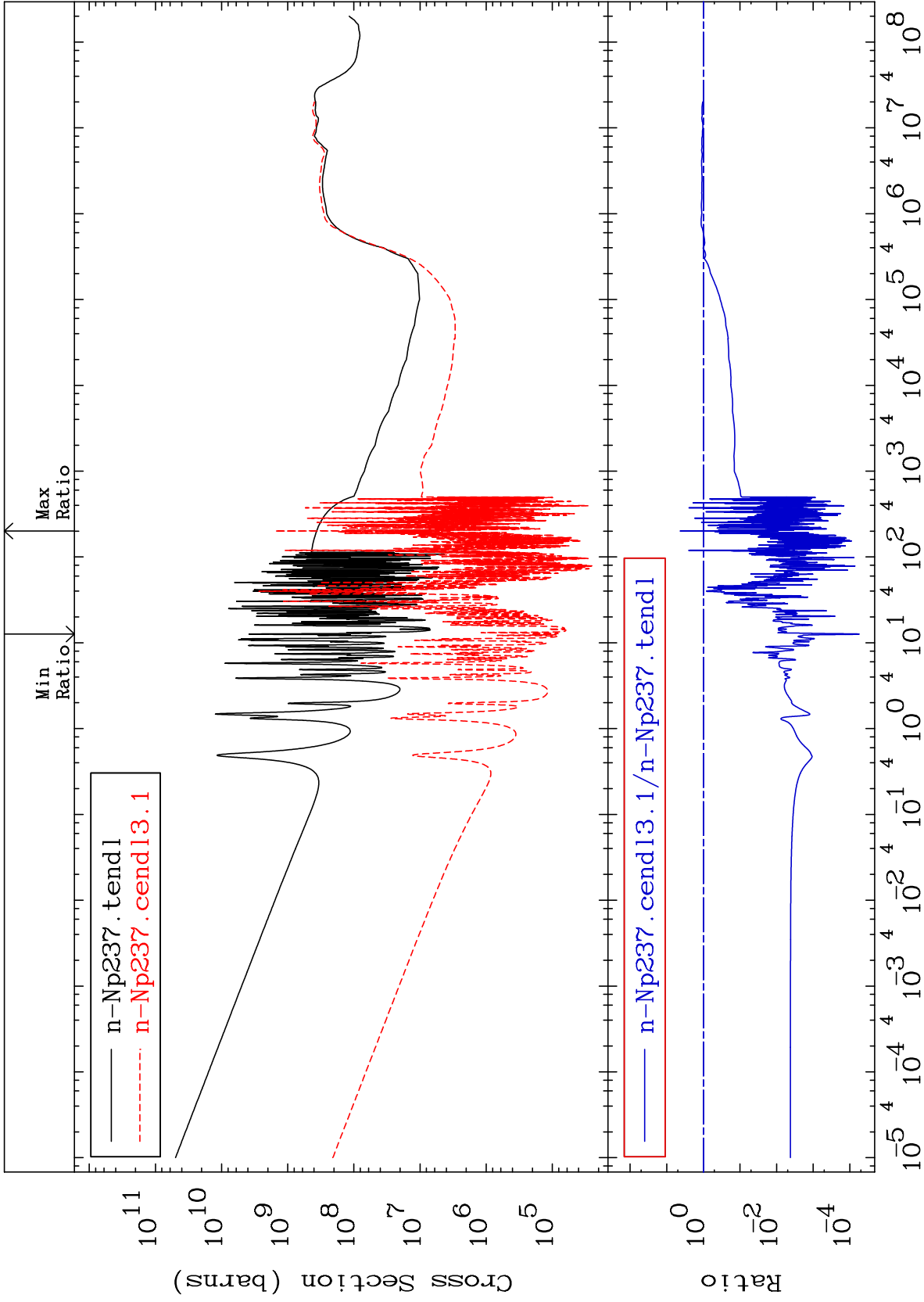


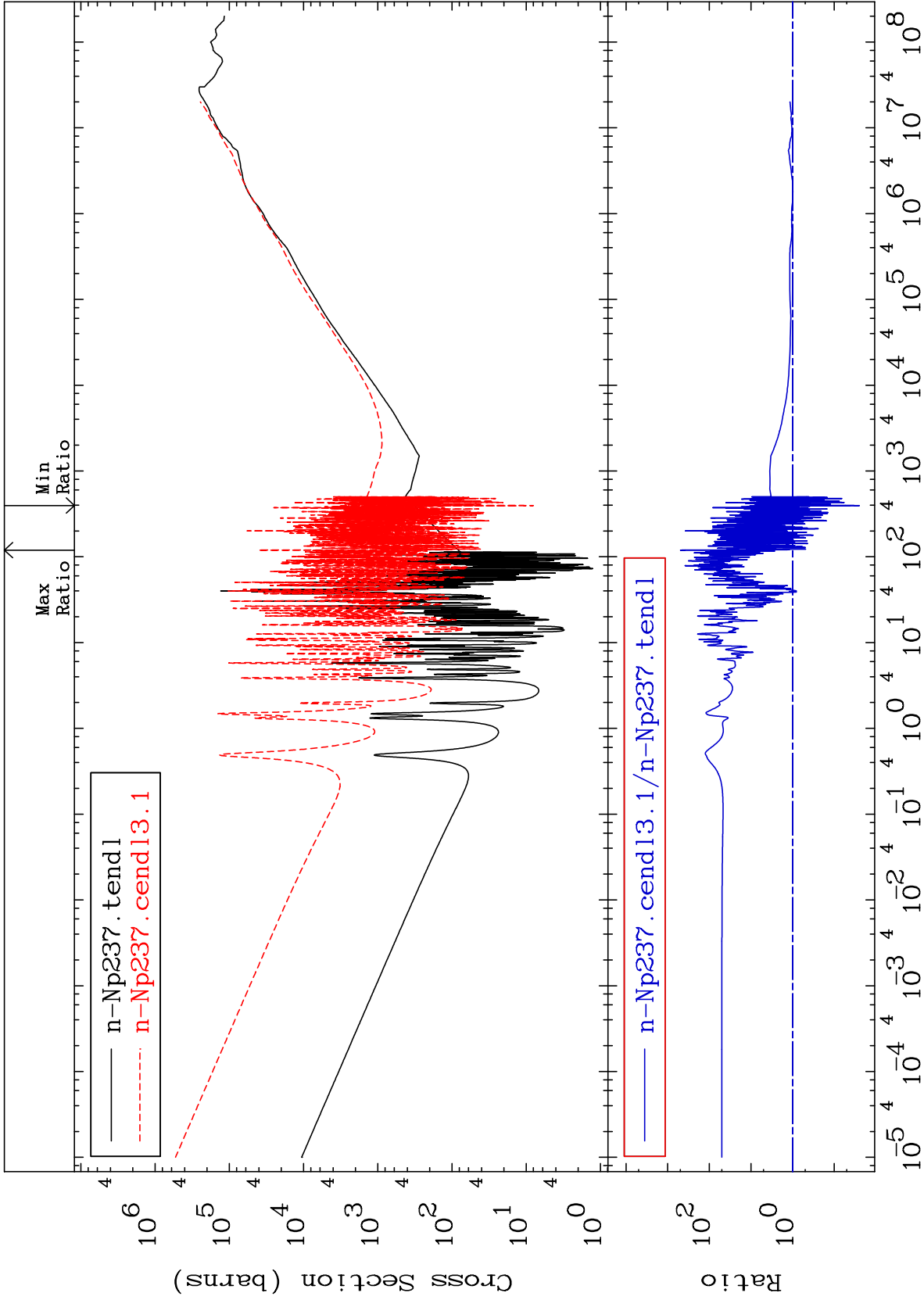












MAT 9346

Dpa elastic (mt2)
Cross Section

93-Np-237
-6.330 To 25.95 %

