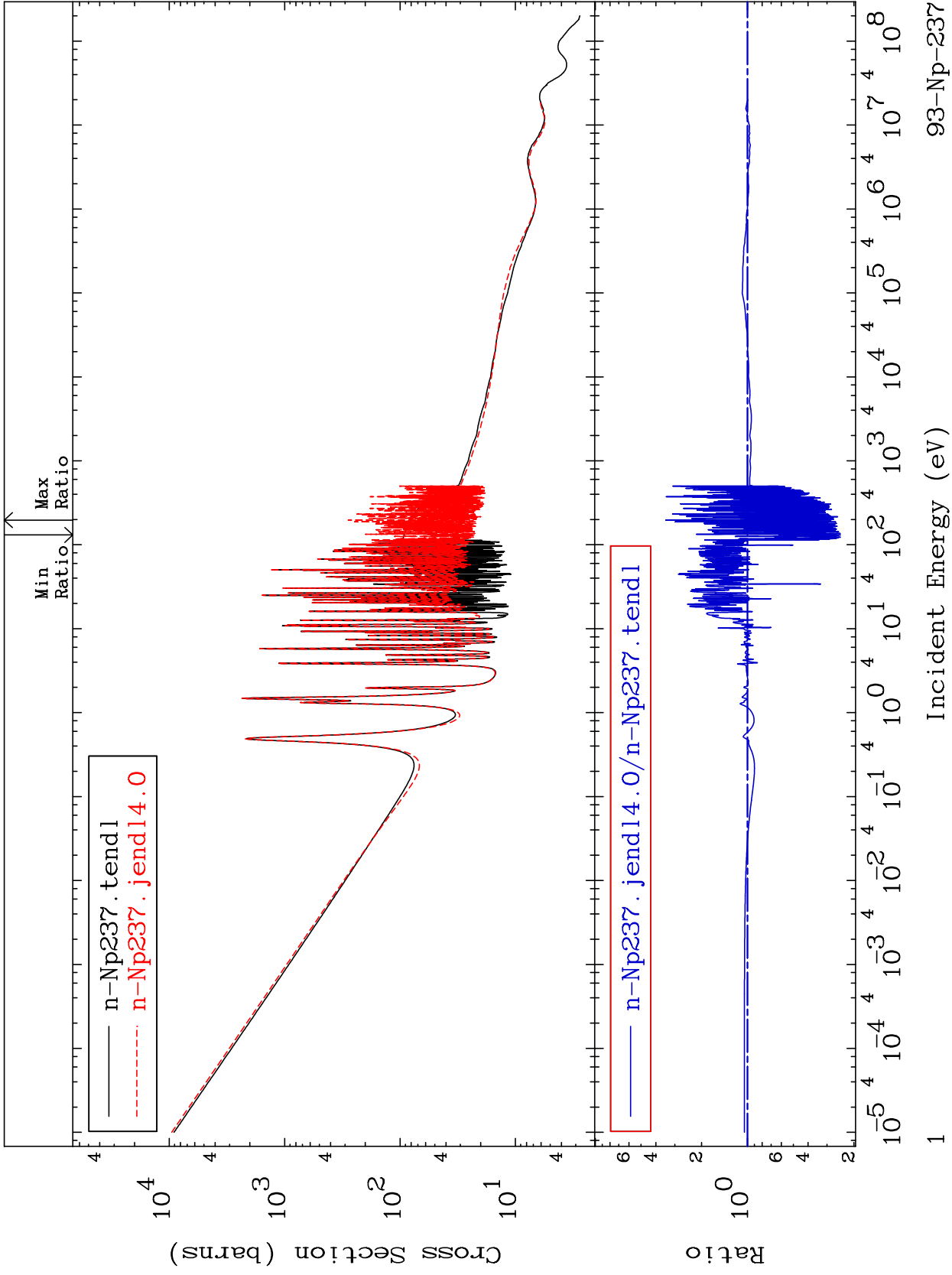


MAT 9346

Total Cross Section
93-Np-237
-75.59 To 245.3 %



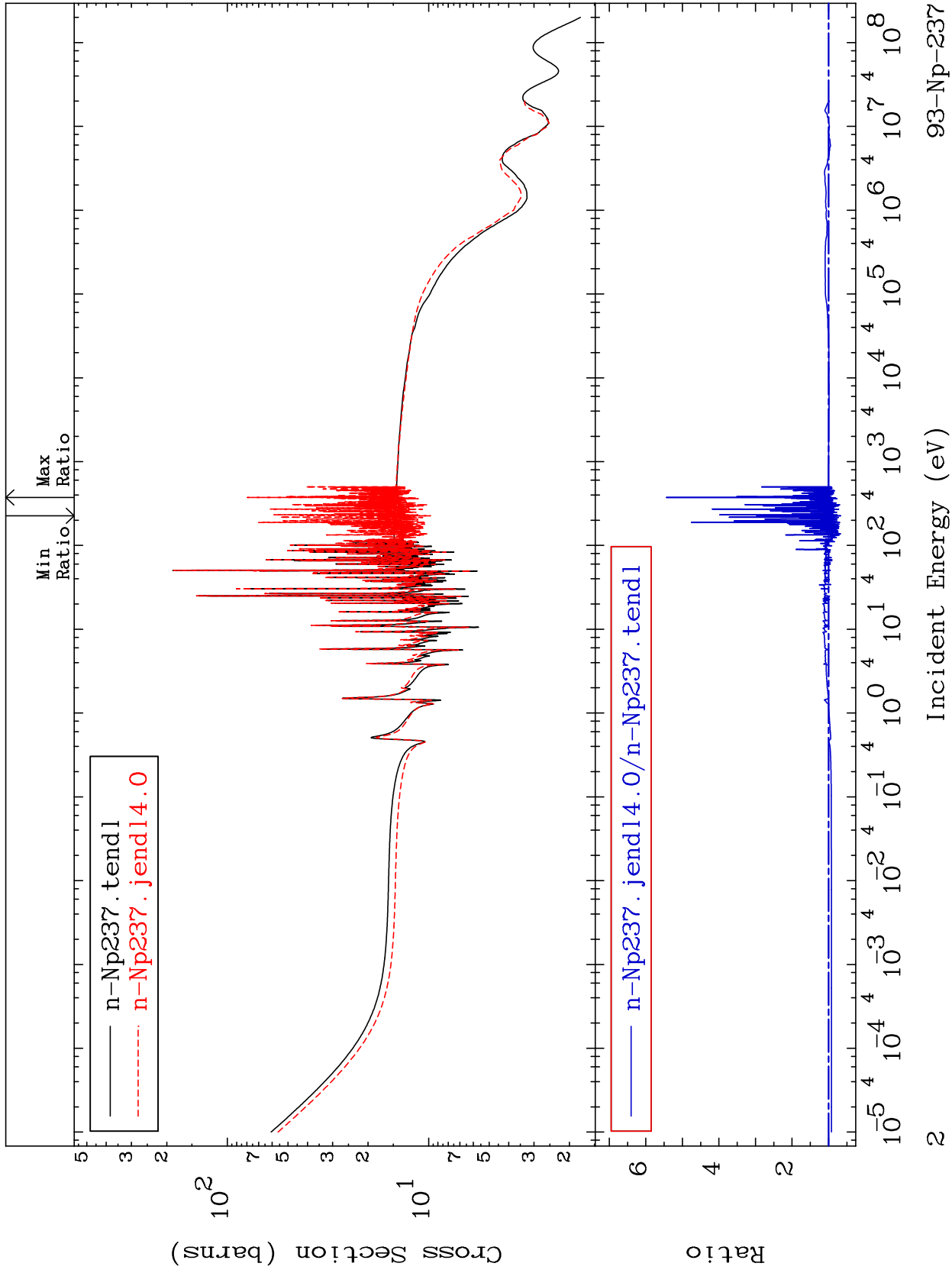
MAT 9346

Elastic

93-Np-237

Cross Section

-33.44 To 445.0 %

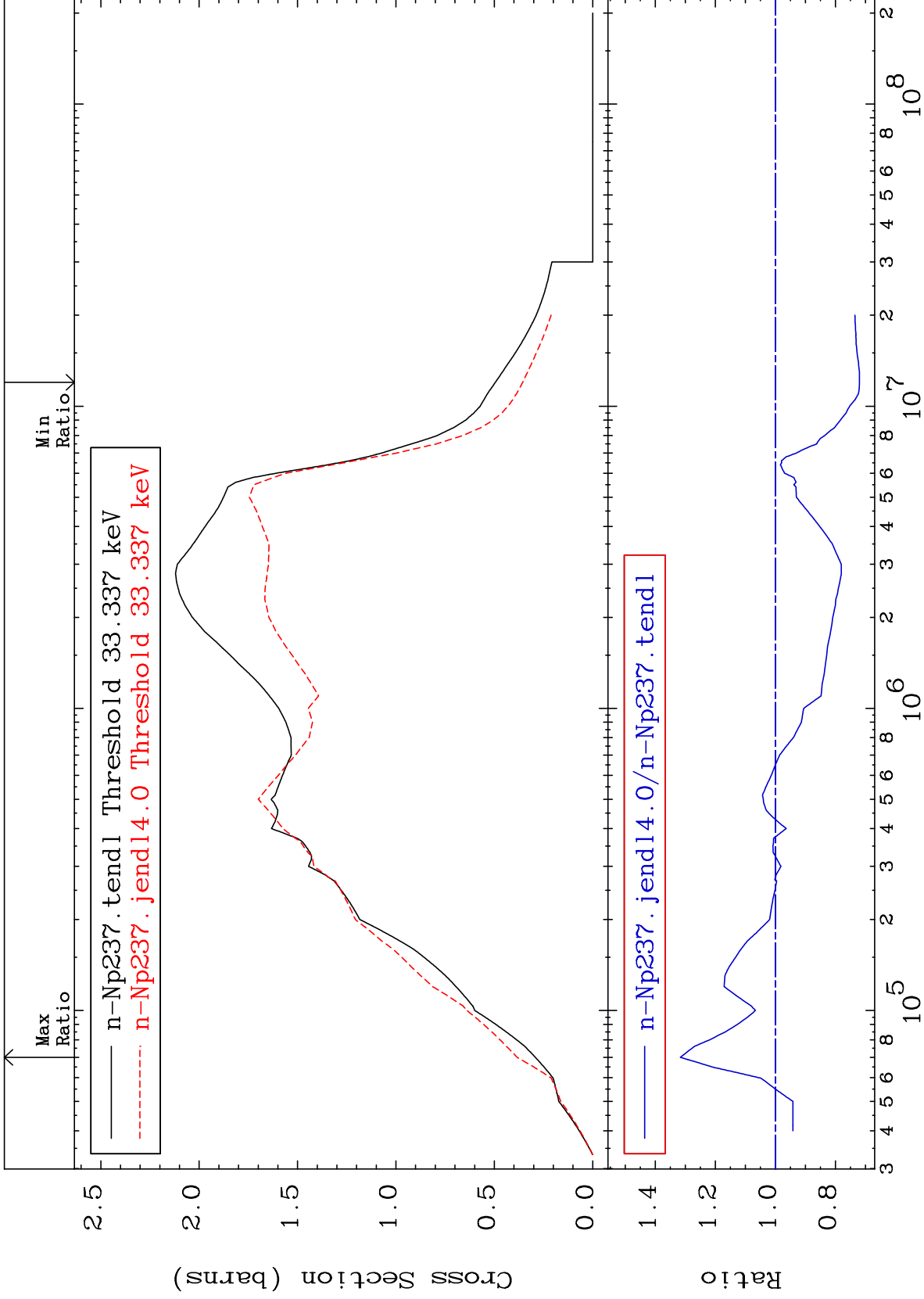


93-Np-237

MAT 9346

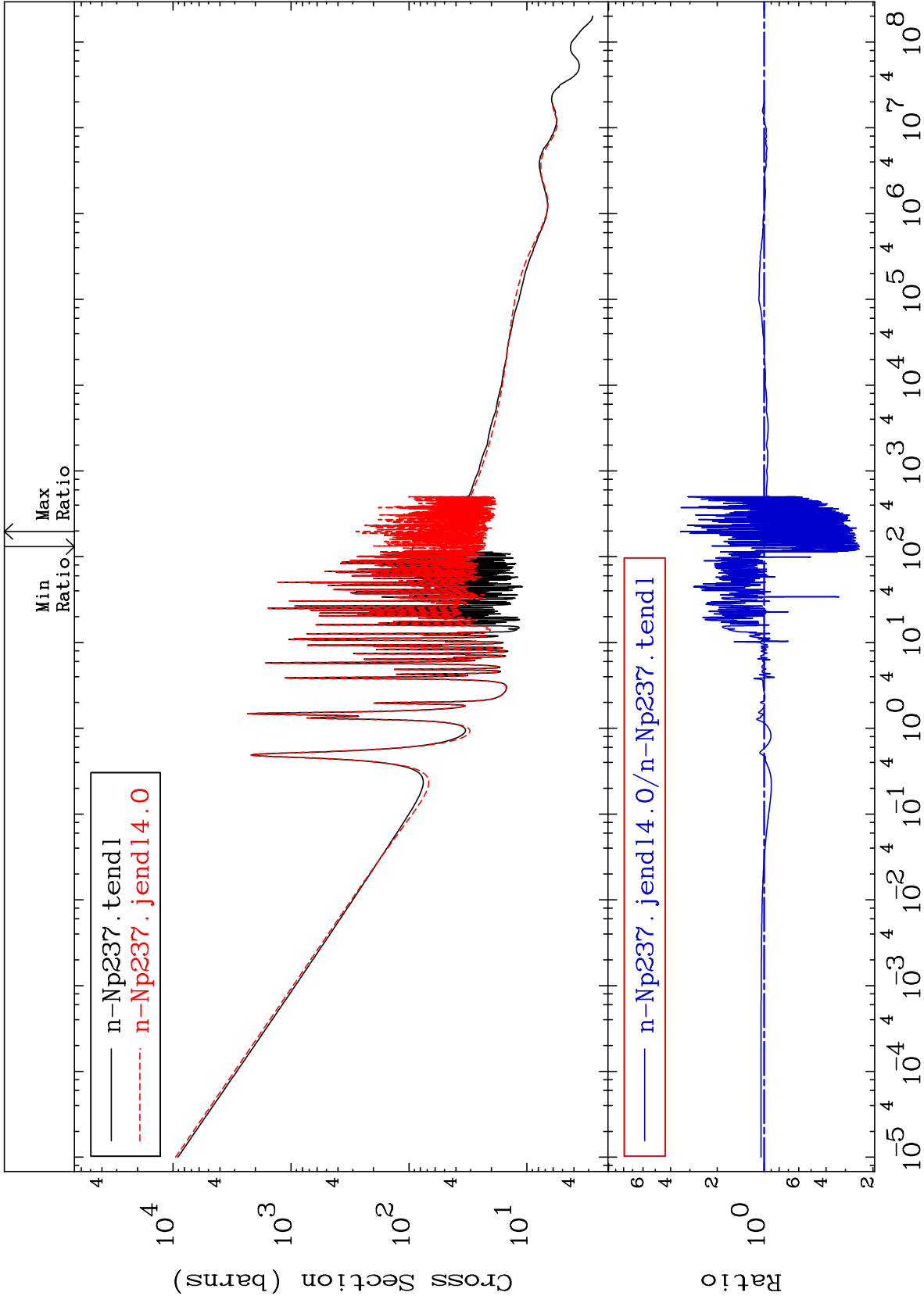
Inelastic
Cross Section

93-Np-237
-28.00 To 31.65 %



MAT 9346

Total Cross Section
93-Np-237
-75.59 To 245.3 %



Incident Energy (eV)

93-Np-237

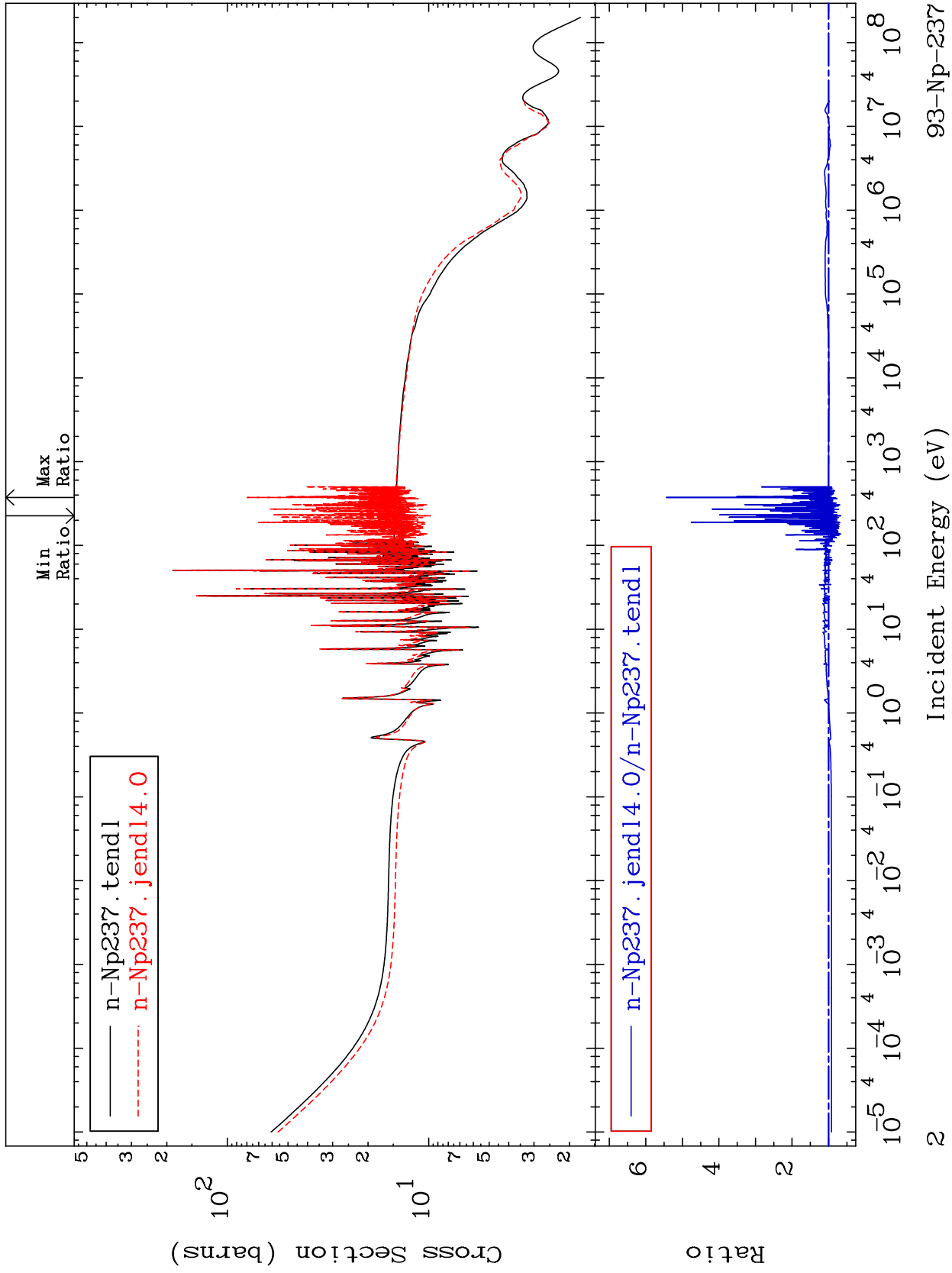
MAT 9346

Elastic

93-Np-237

Cross Section

-33.44 To 445.0 %



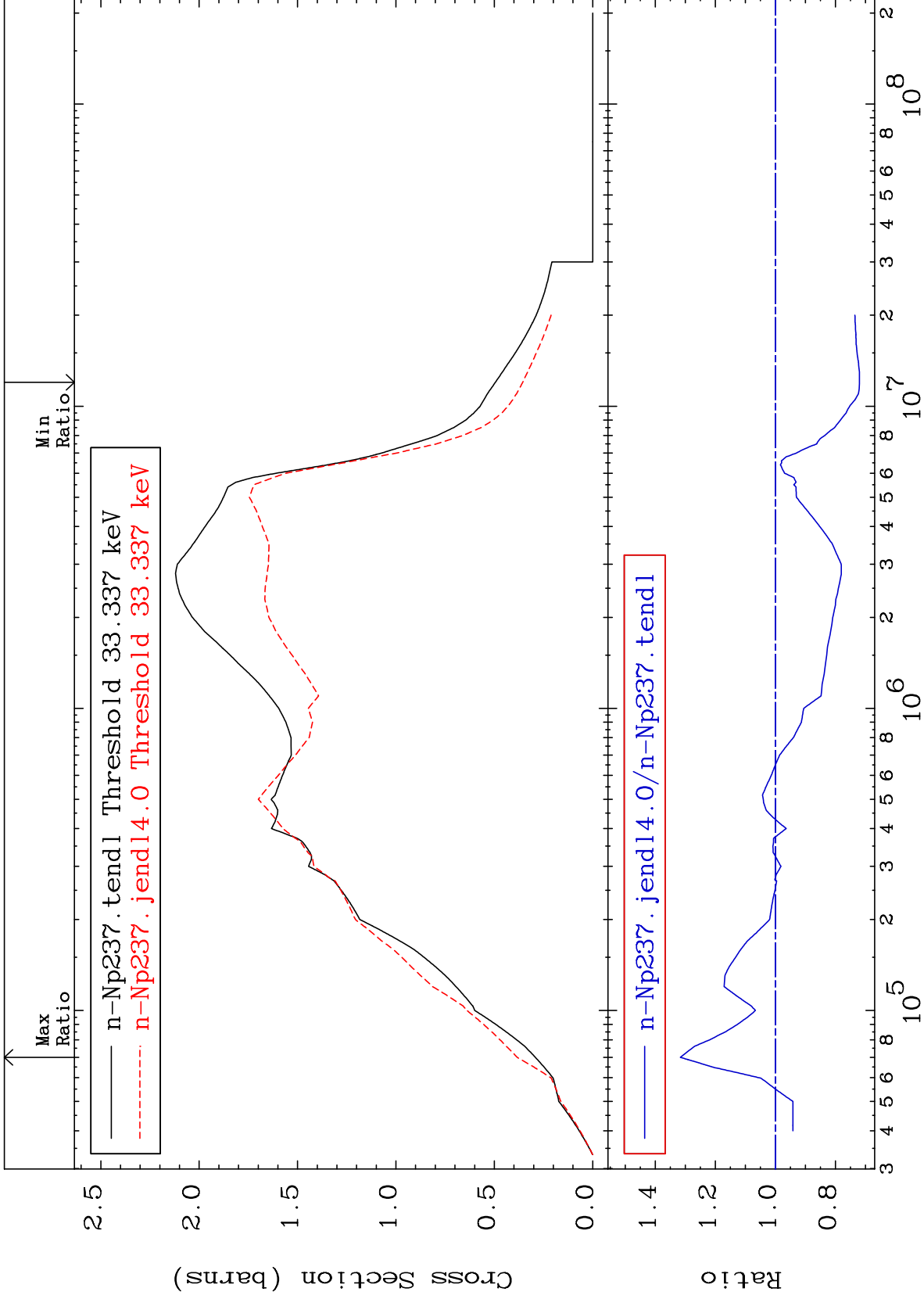
Incident Energy (eV)

93-Np-237

MAT 9346

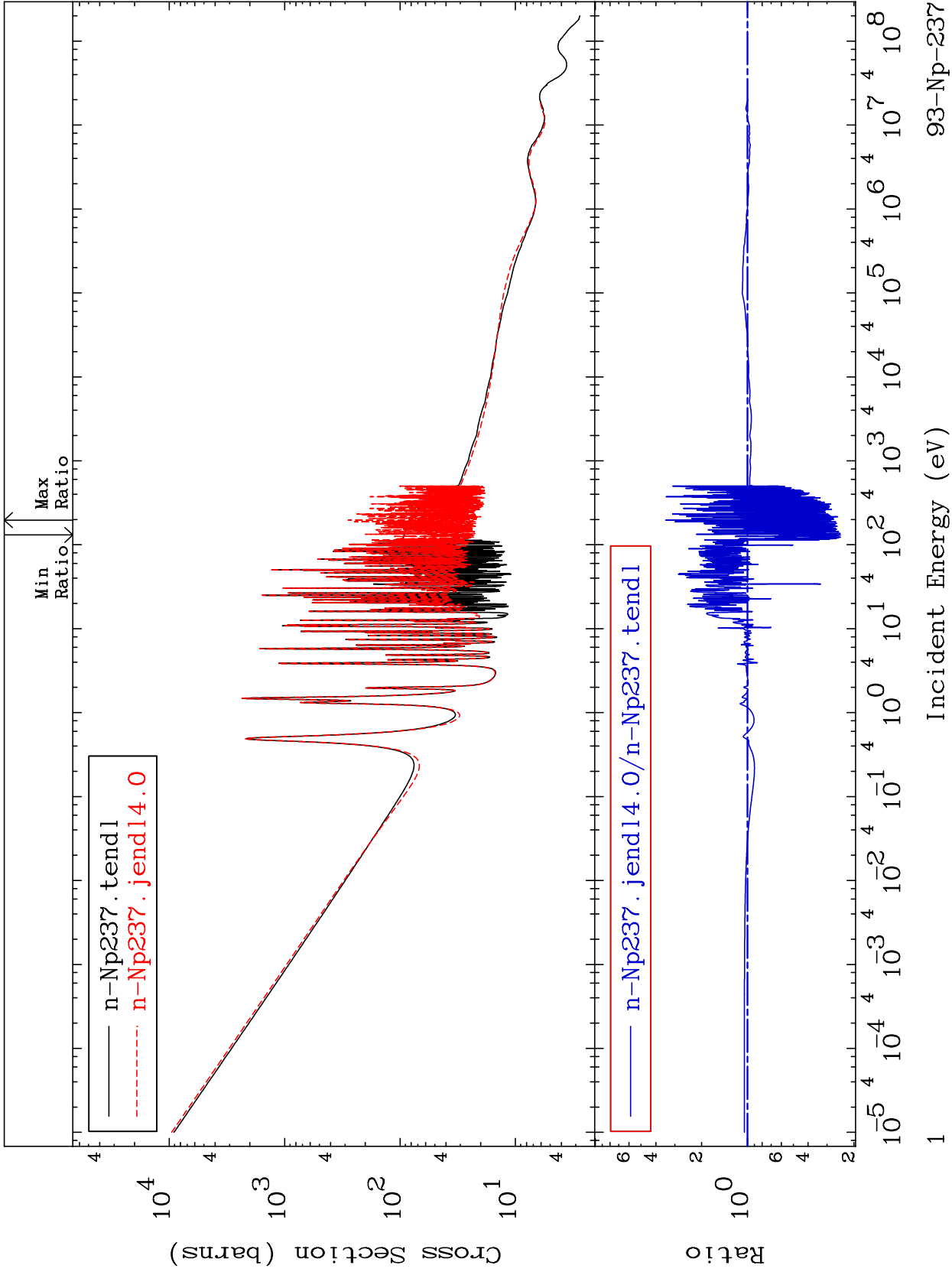
Inelastic
Cross Section

93-Np-237
-28.00 To 31.65 %



MAT 9346

Total Cross Section
93-Np-237
-75.59 To 245.3 %



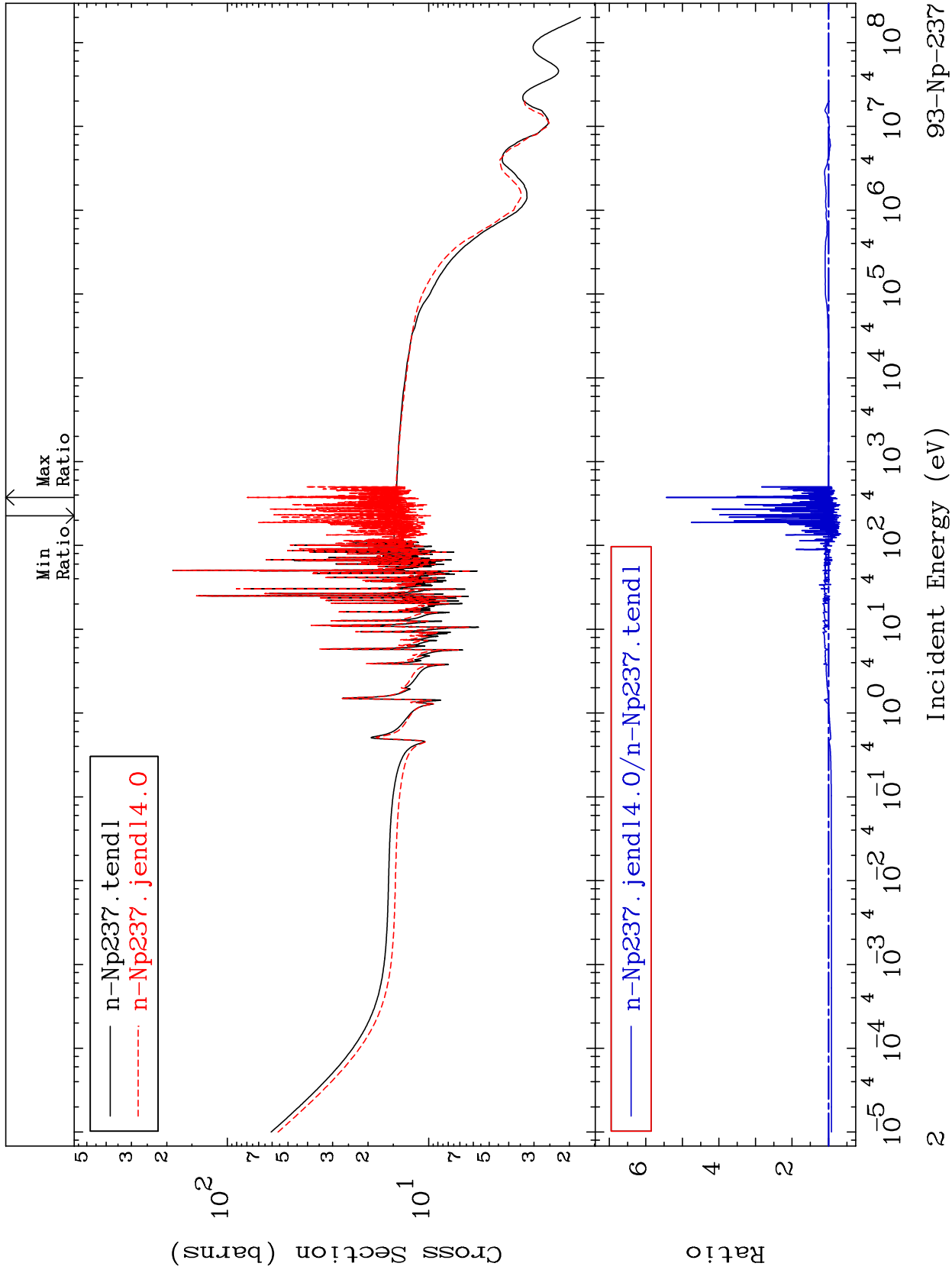
MAT 9346

Elastic

93-Np-237

Cross Section

-33.44 To 445.0 %

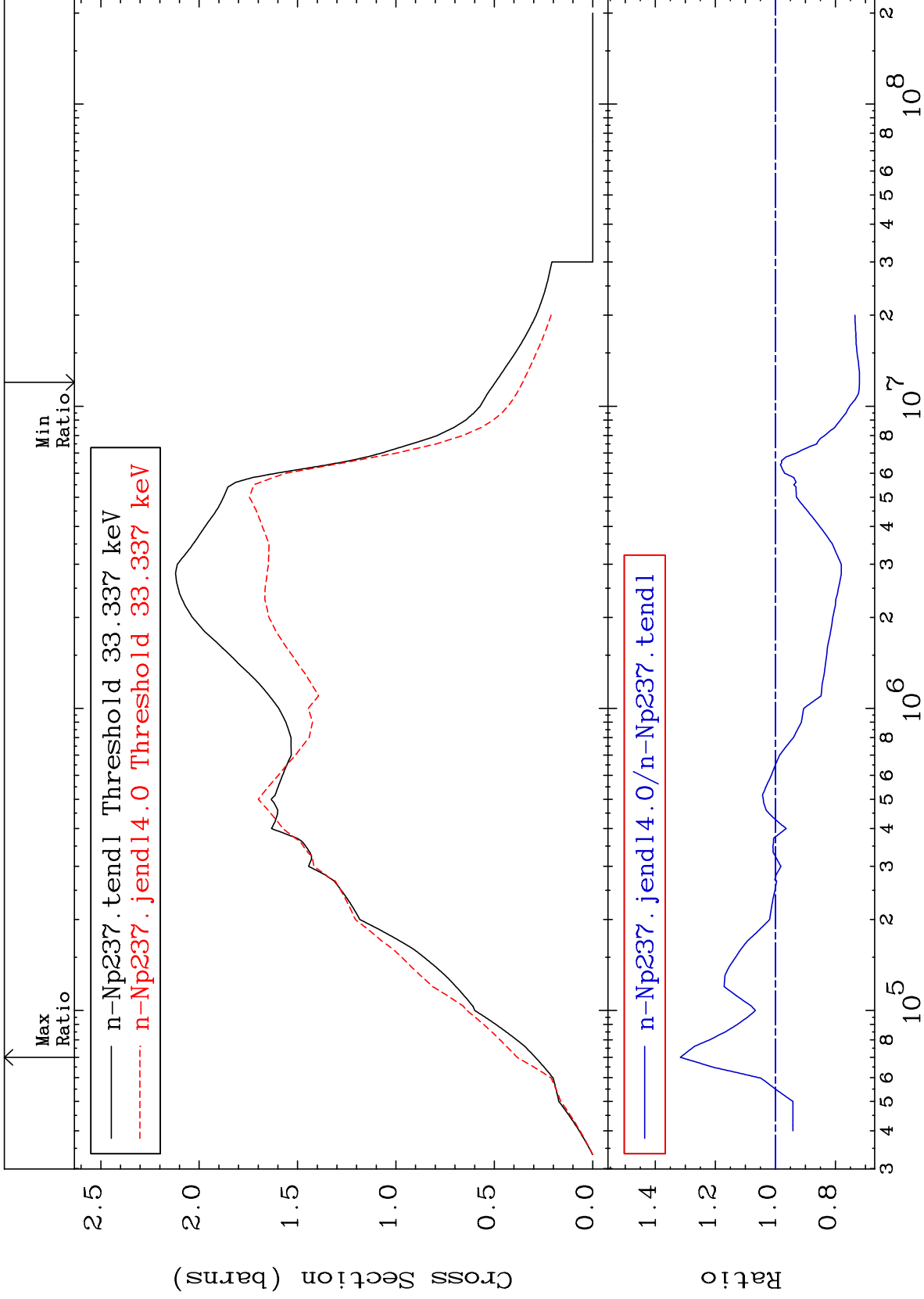


93-Np-237

MAT 9346

Inelastic
Cross Section

93-Np-237
-28.00 To 31.65 %



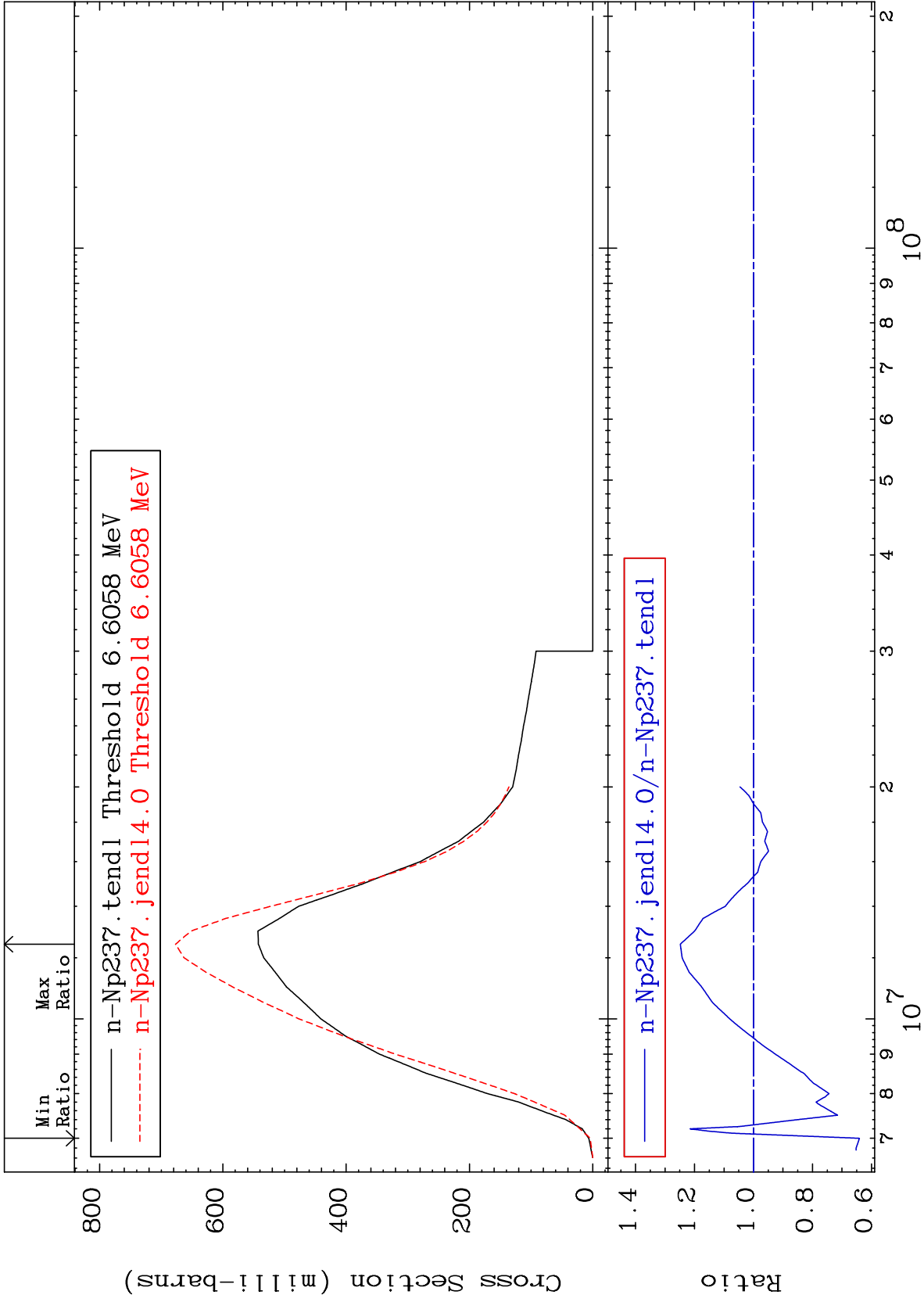
MAT 9346

(n,2n)

93-Np-237

Cross Section

-35.92 To 24.80 %



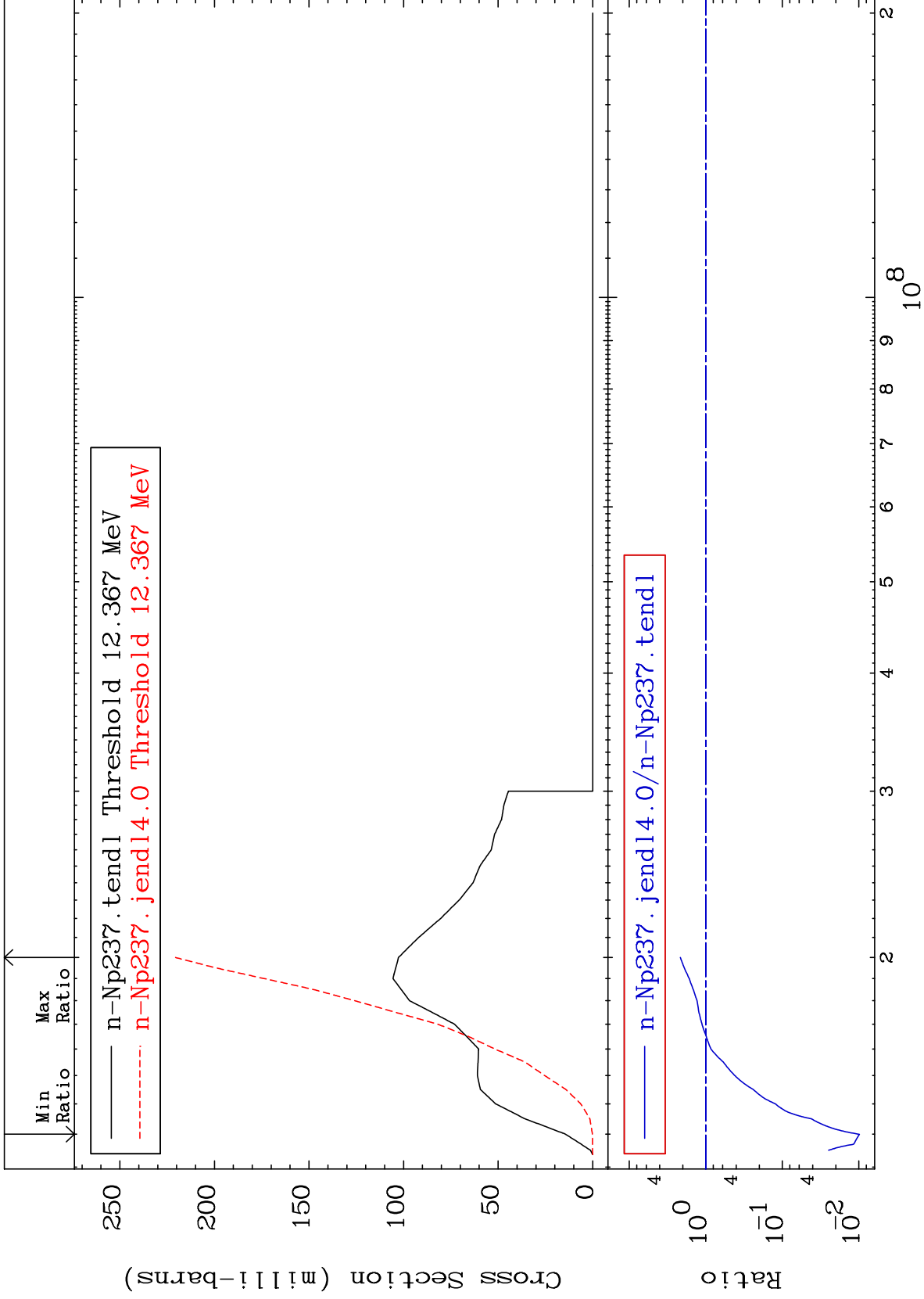
MAT 9346

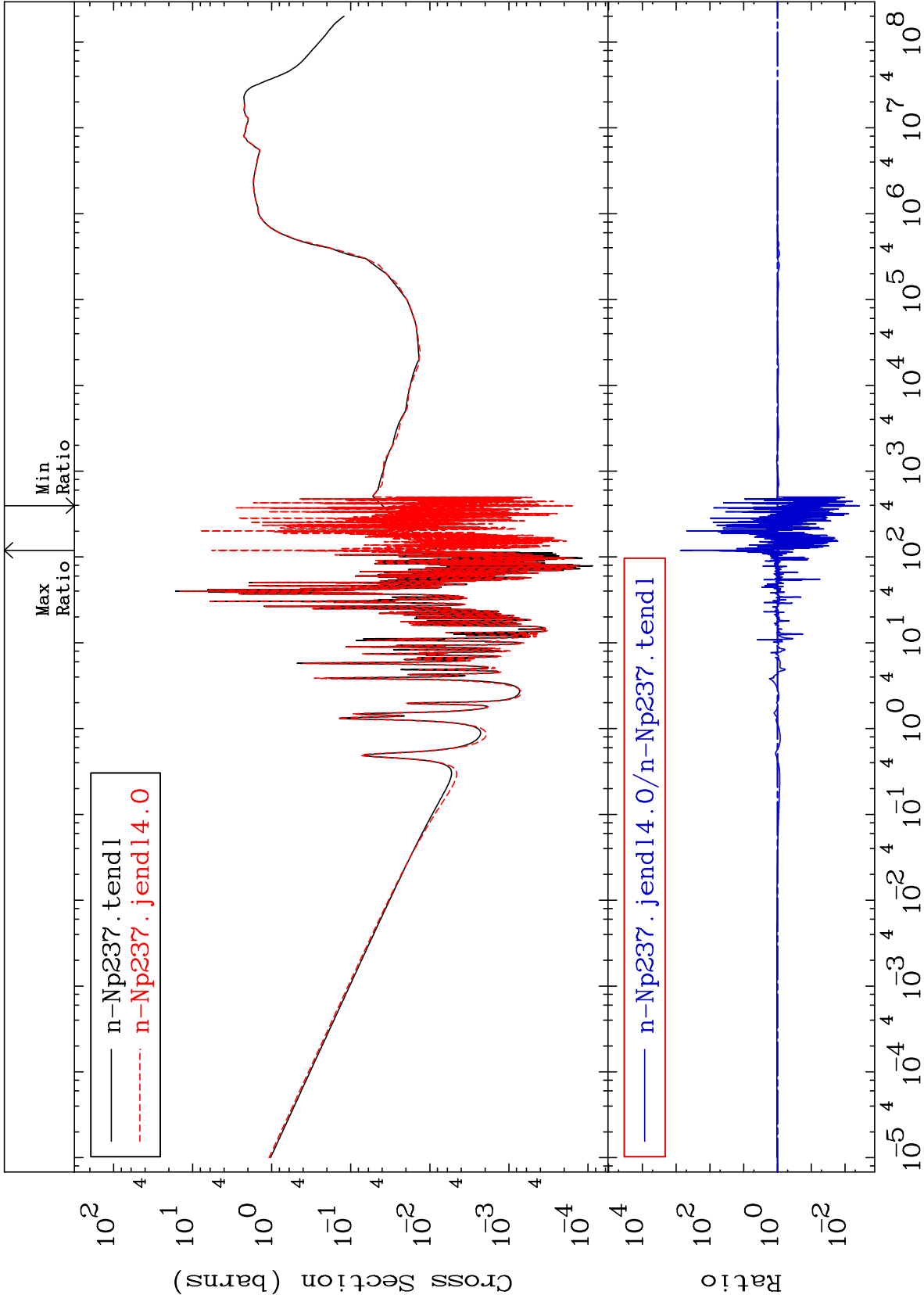
(n,3n)

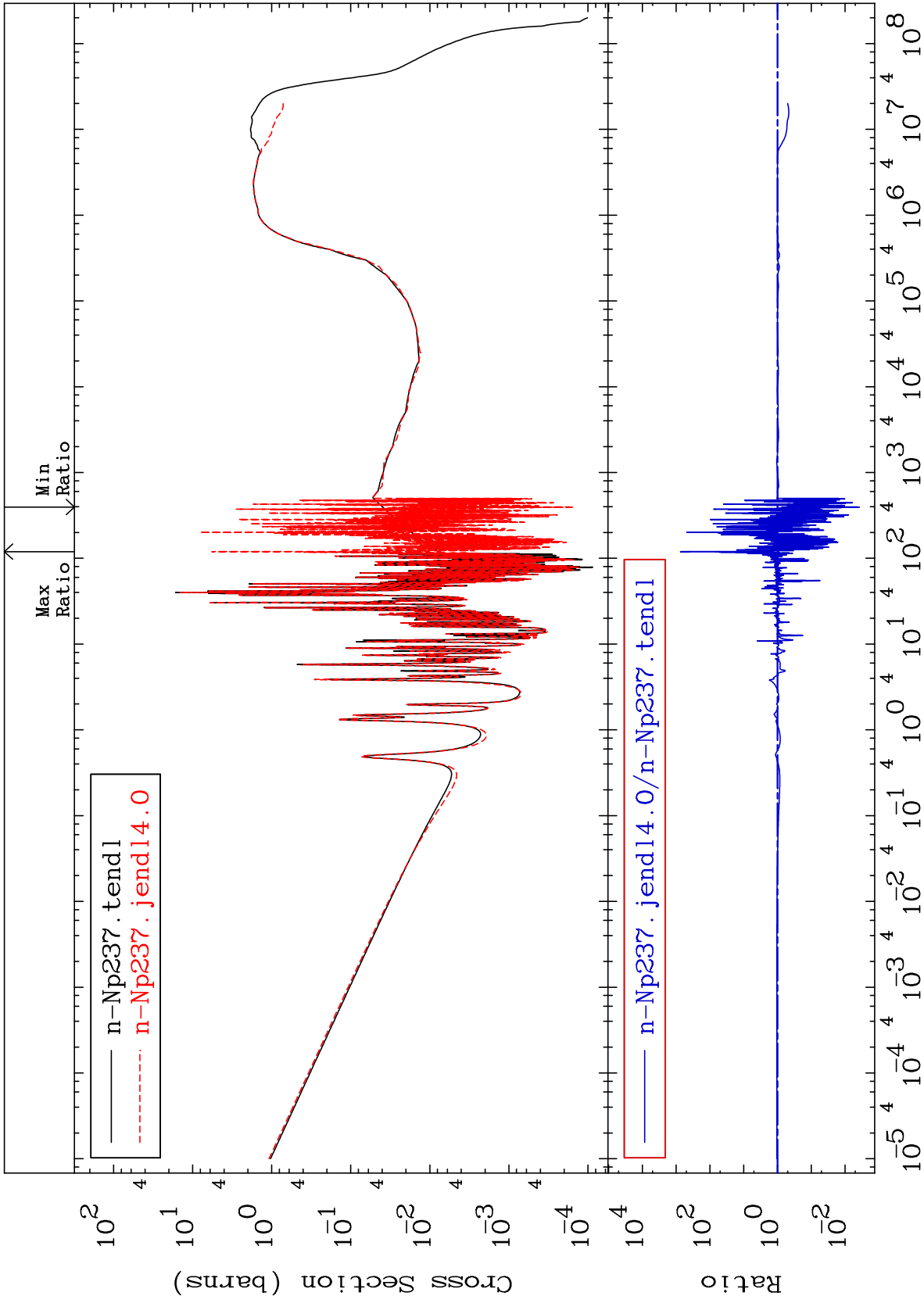
93-Np-237

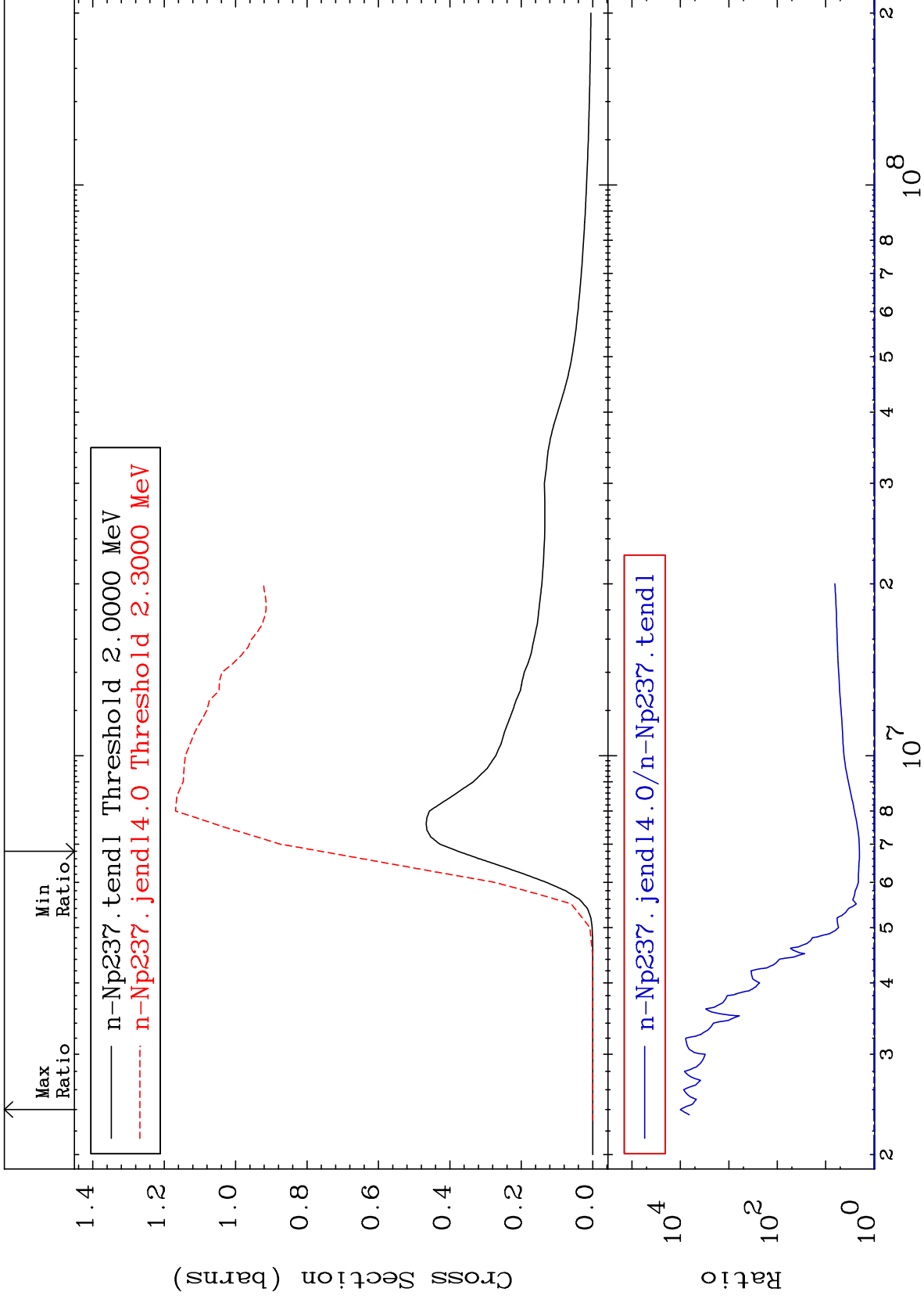
Cross Section

-99.02 To 114.8 %





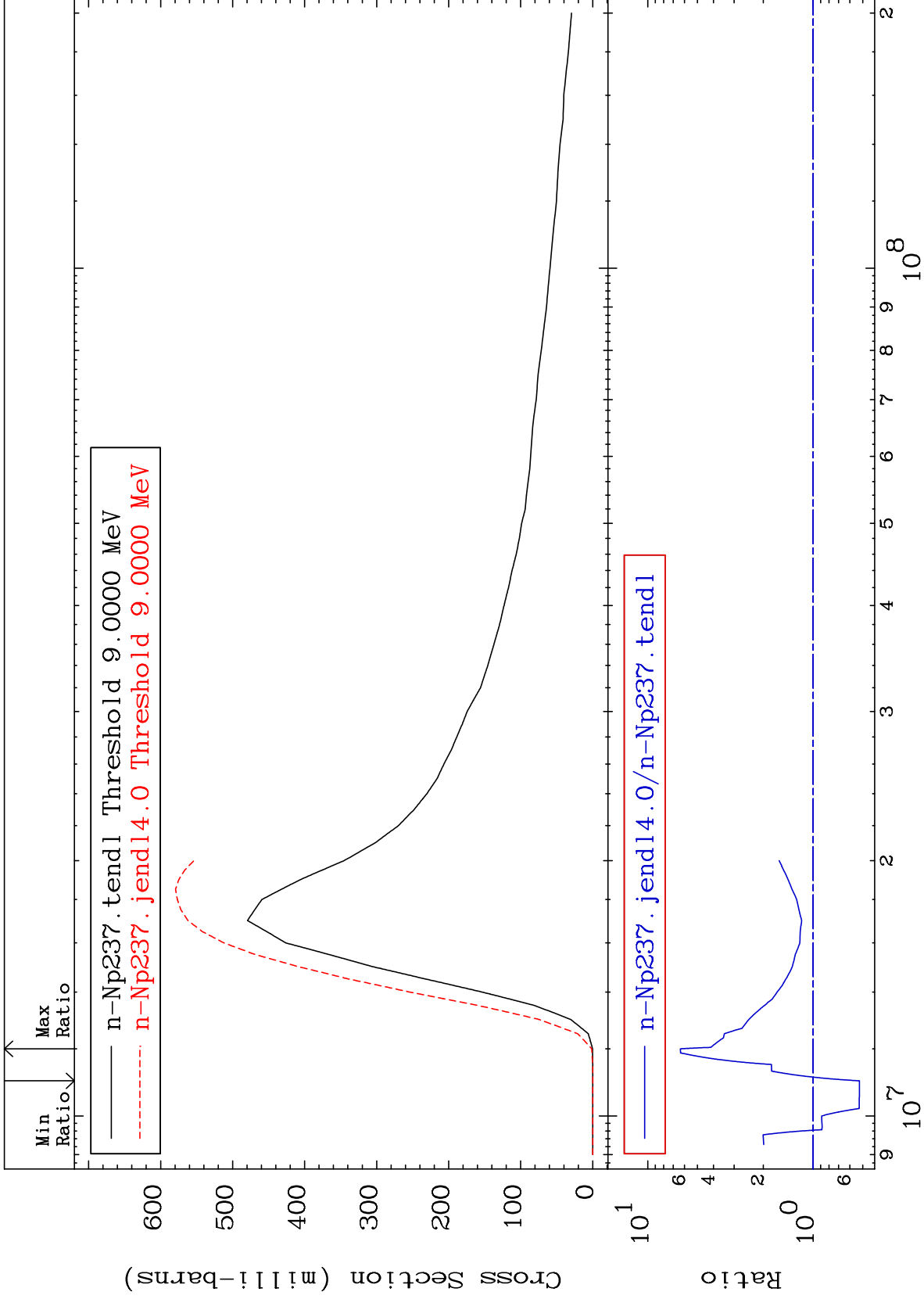




MAT 9346

(n,2nf) Third Chance
Cross Section

93-Np-237
-47.57 To 534.7 %



9

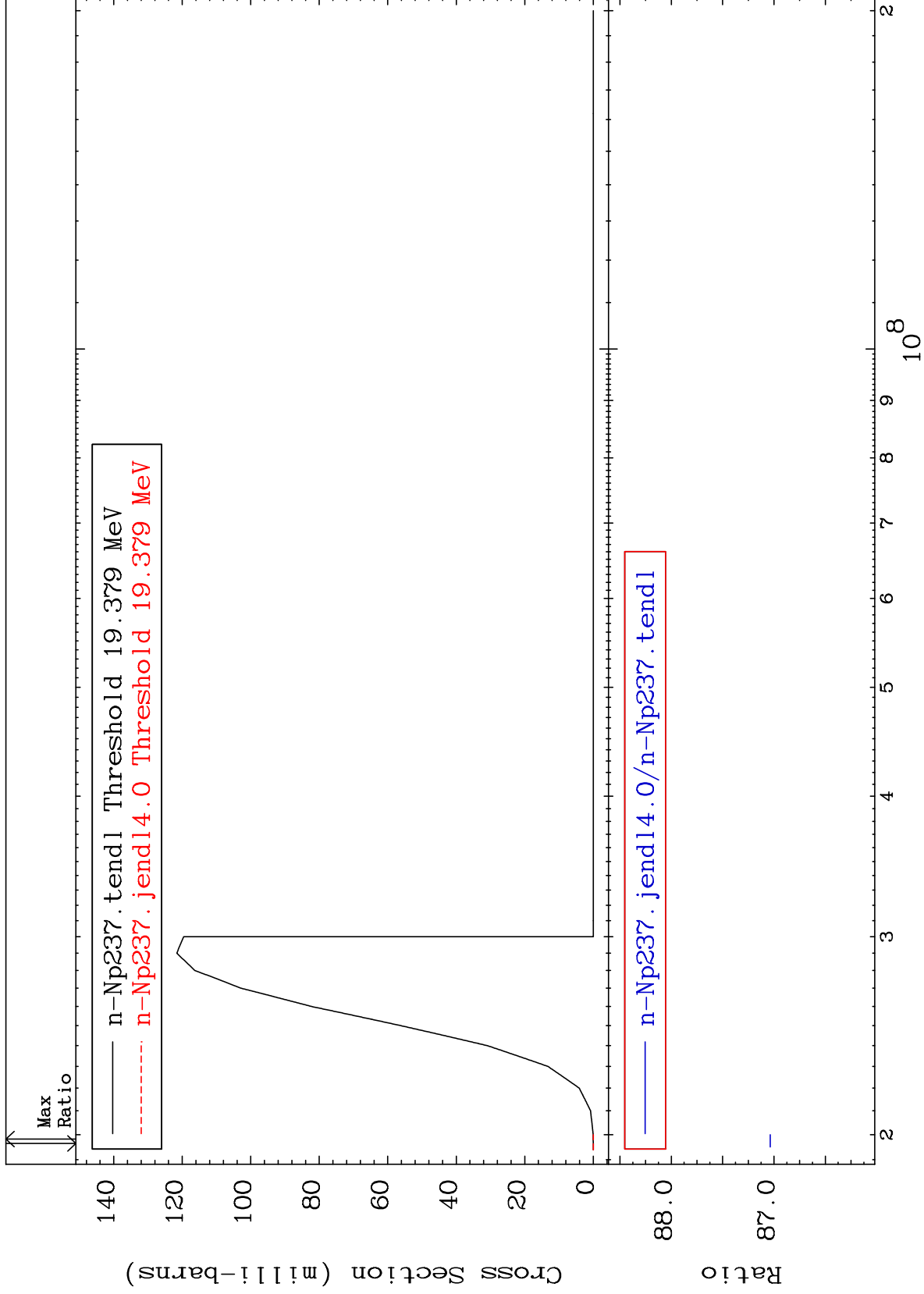
Incident Energy (eV)

93-Np-237

MAT 9346

(n,4n)
Cross Section

93-Np-237
-99.99 To -99.99%



10

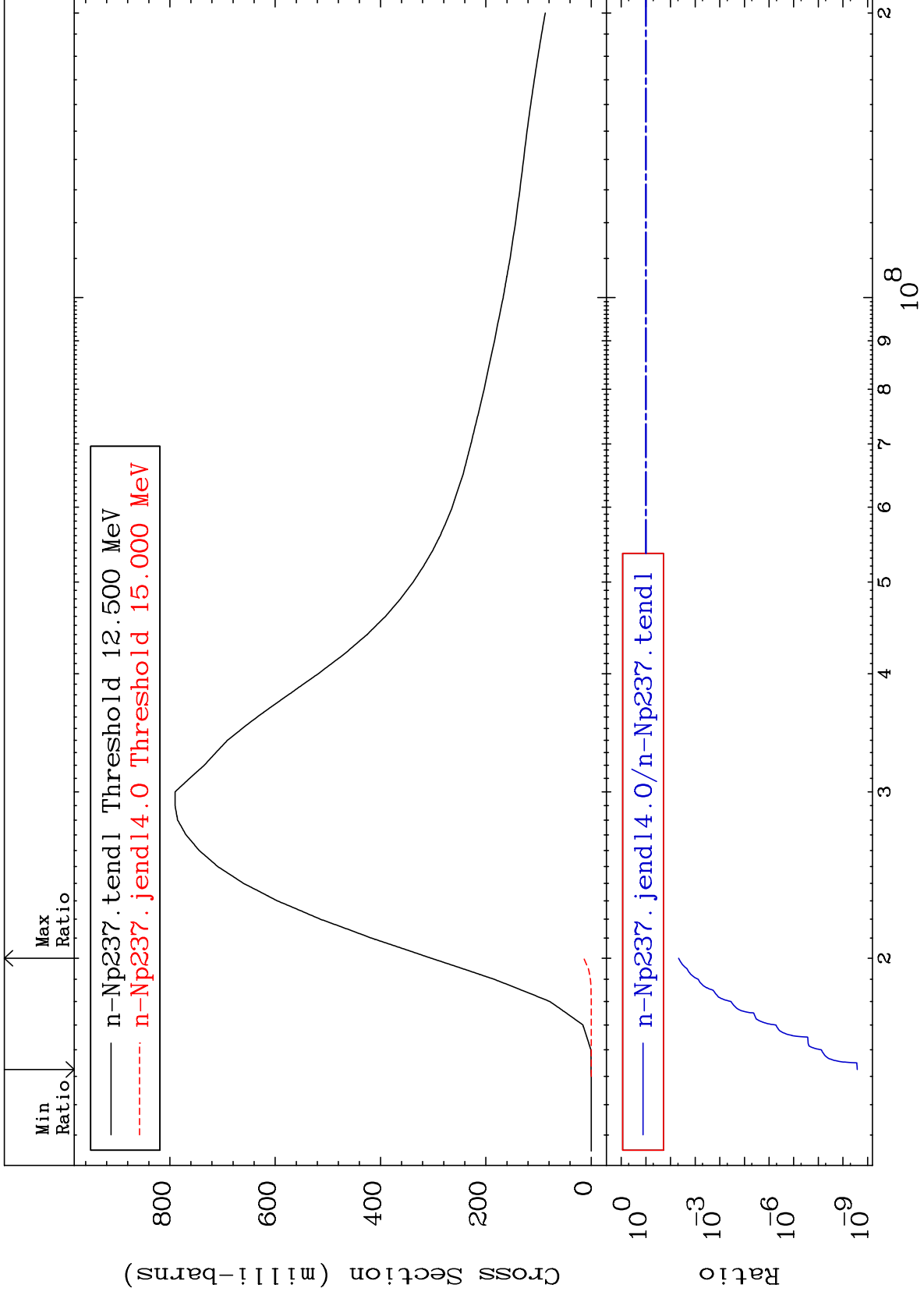
Incident Energy (eV)

93-Np-237

MAT 9346

(n,3nf) Fourth Chance
Cross Section

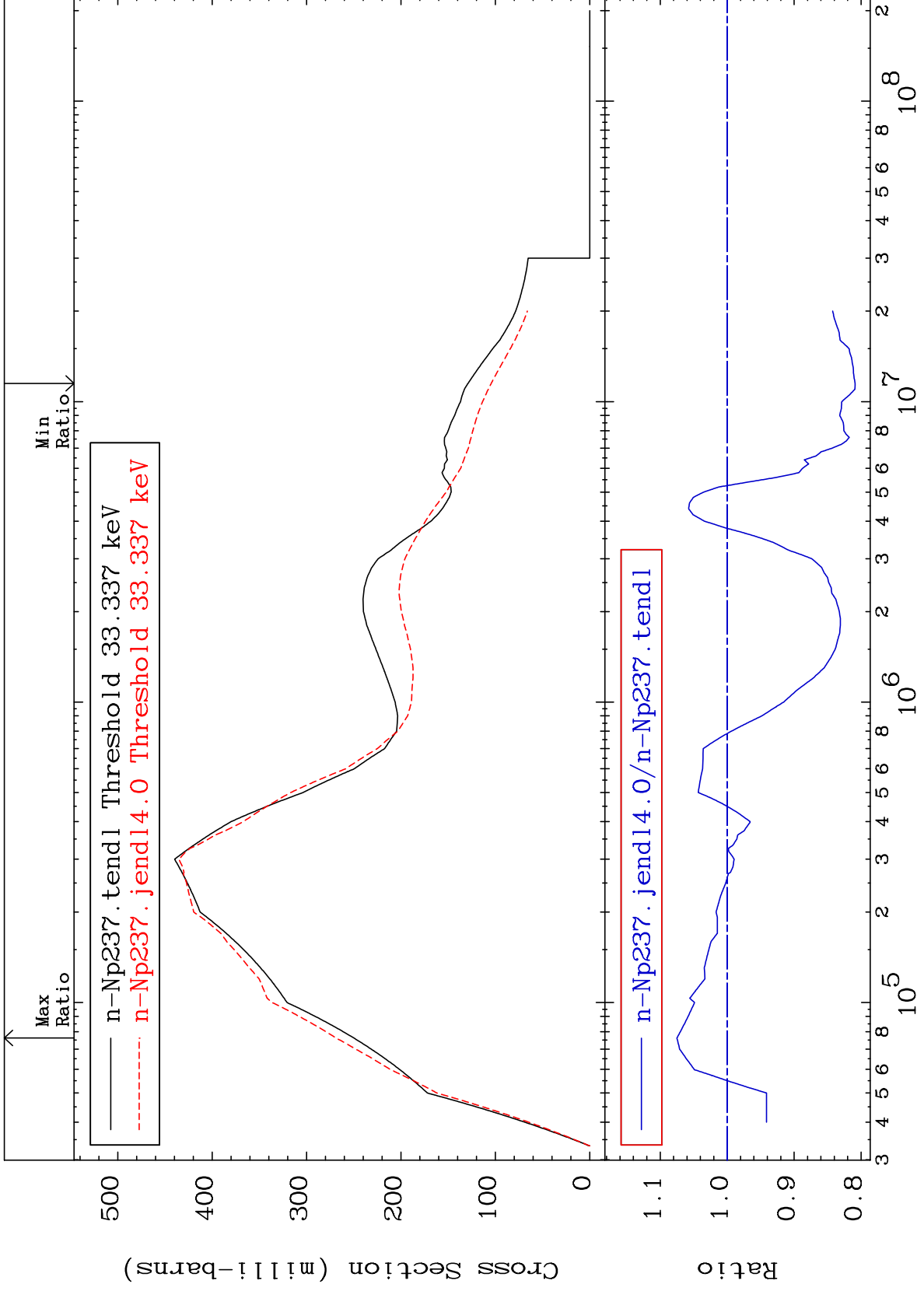
93-Np-237
-100.0 To -95.32%



MAT 9346

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

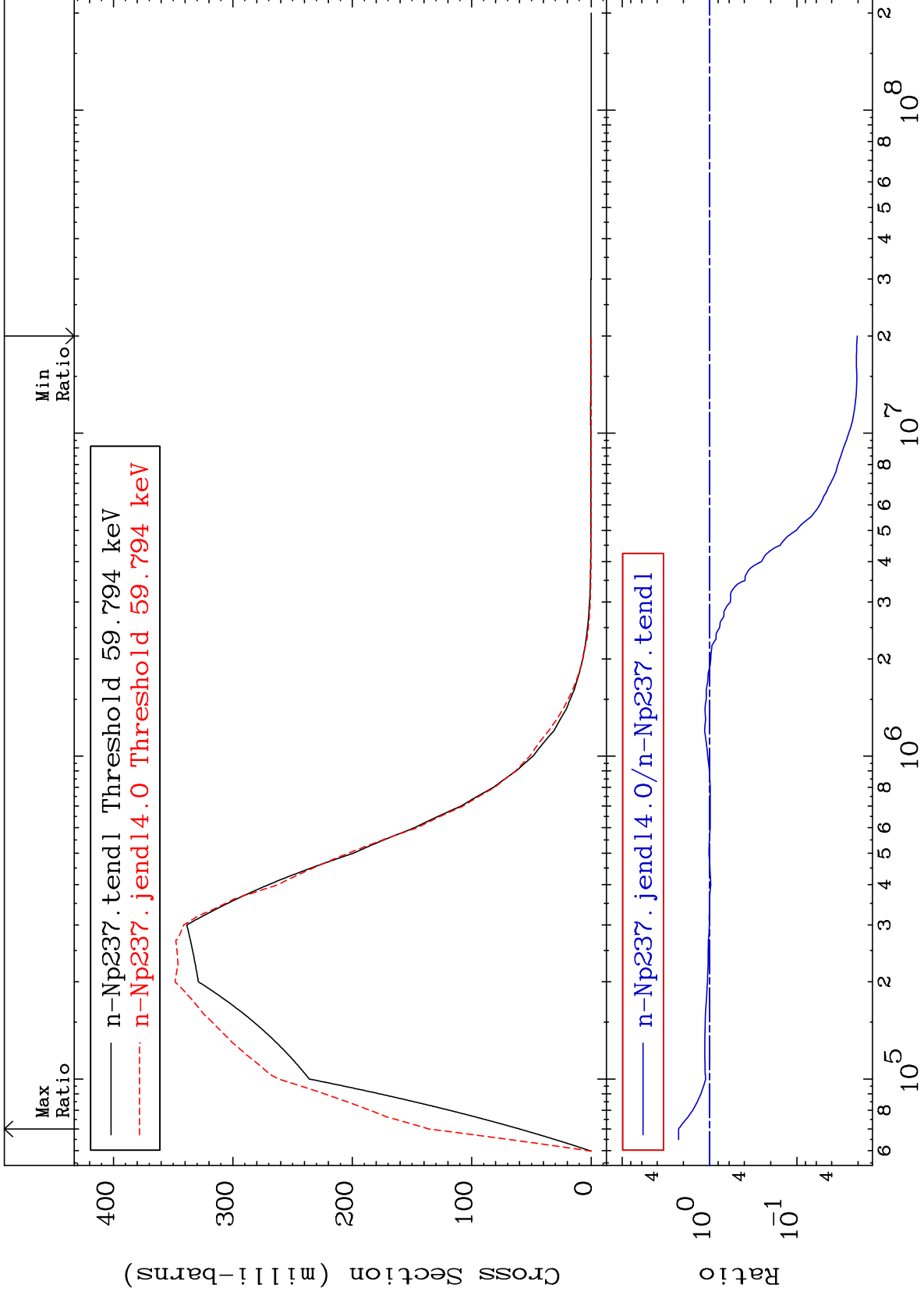
93-Np-237
-19.11 To 7.501 %



MAT 9346

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

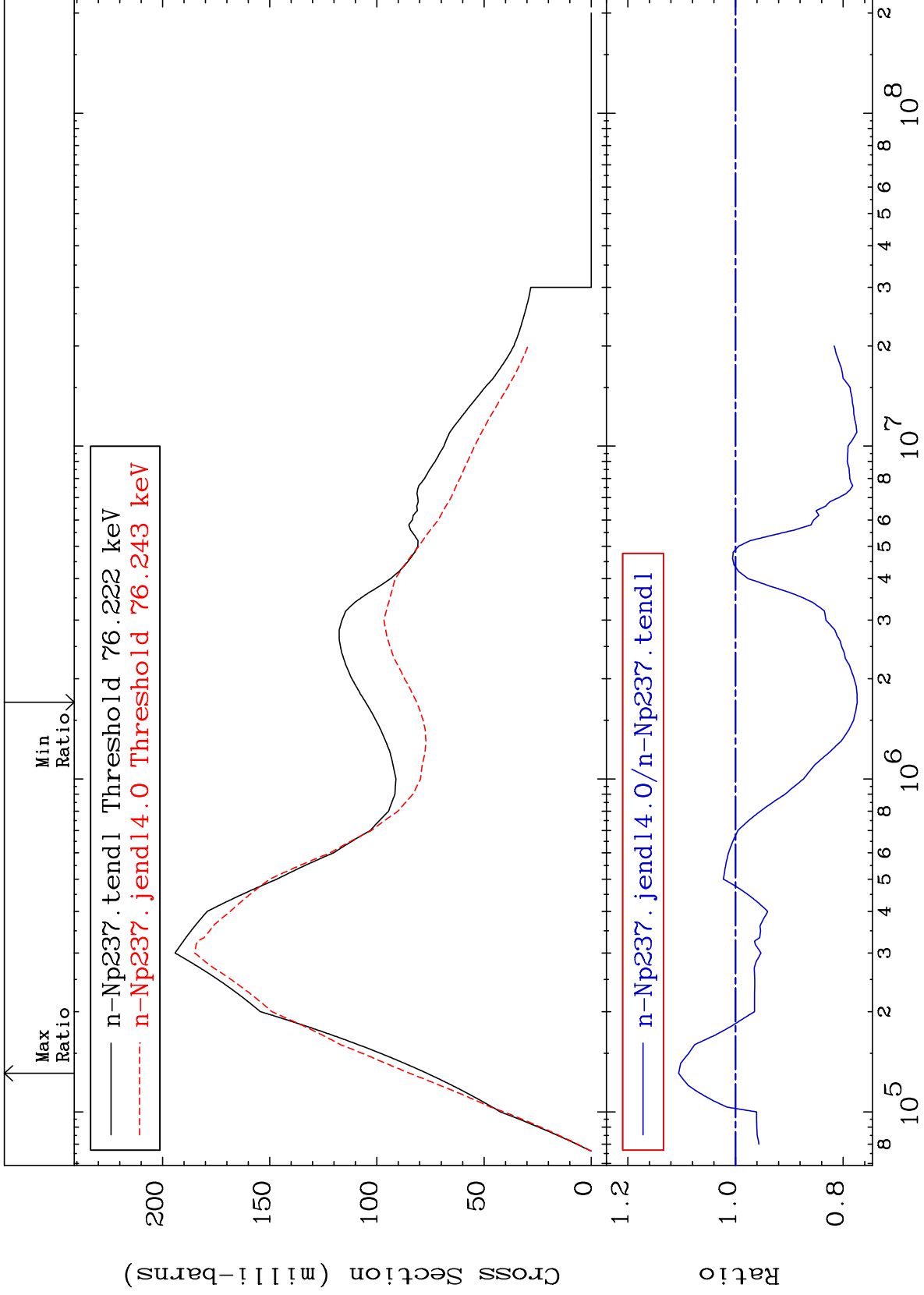
93-Np-237
-97.96 To 126.5 %



MAT 9346

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

93-Np-237
-22.62 To 10.58 %



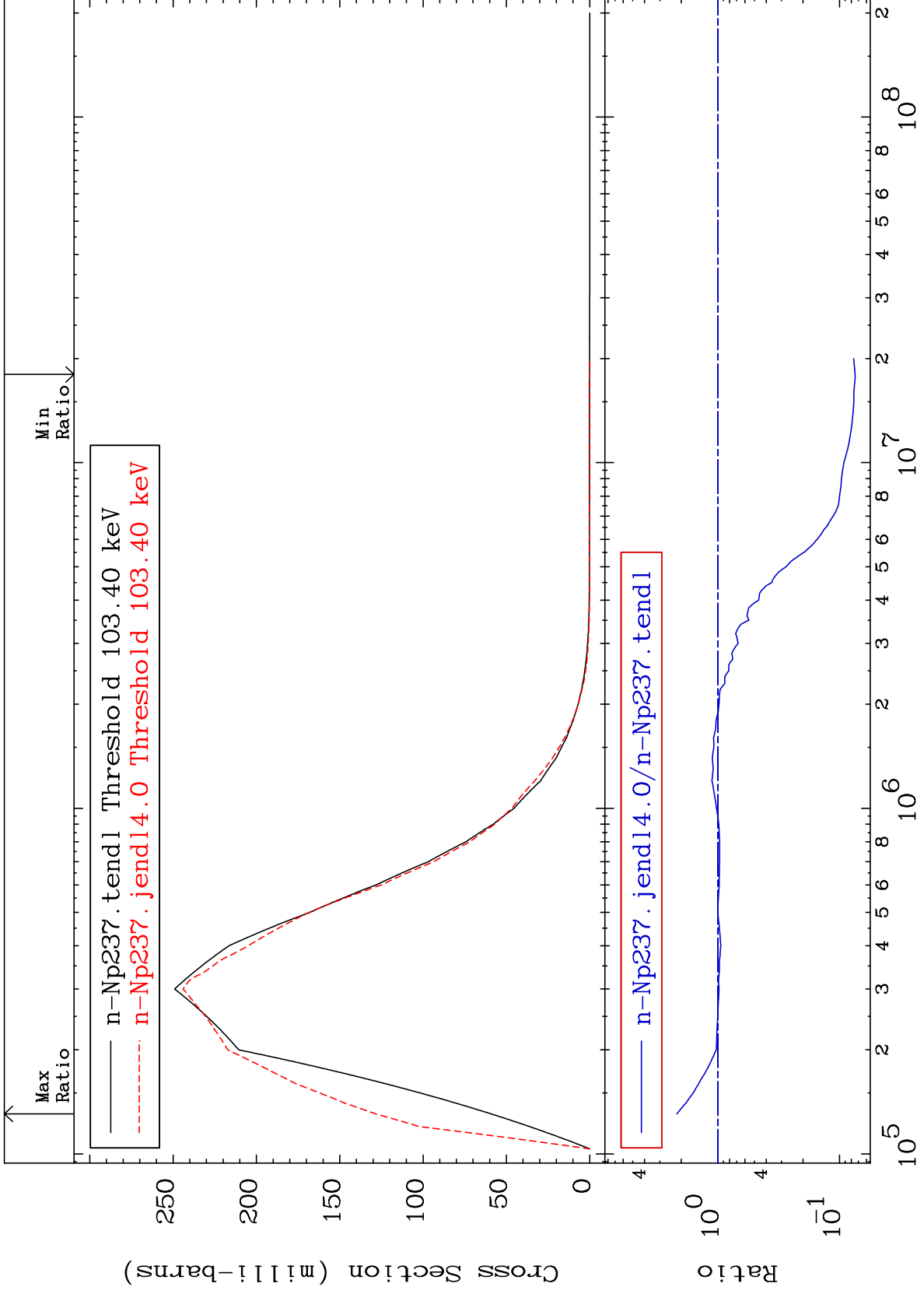
14

93-Np-237

MAT 9346

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

93-Np-237
-92.54 To 116.9 %



15

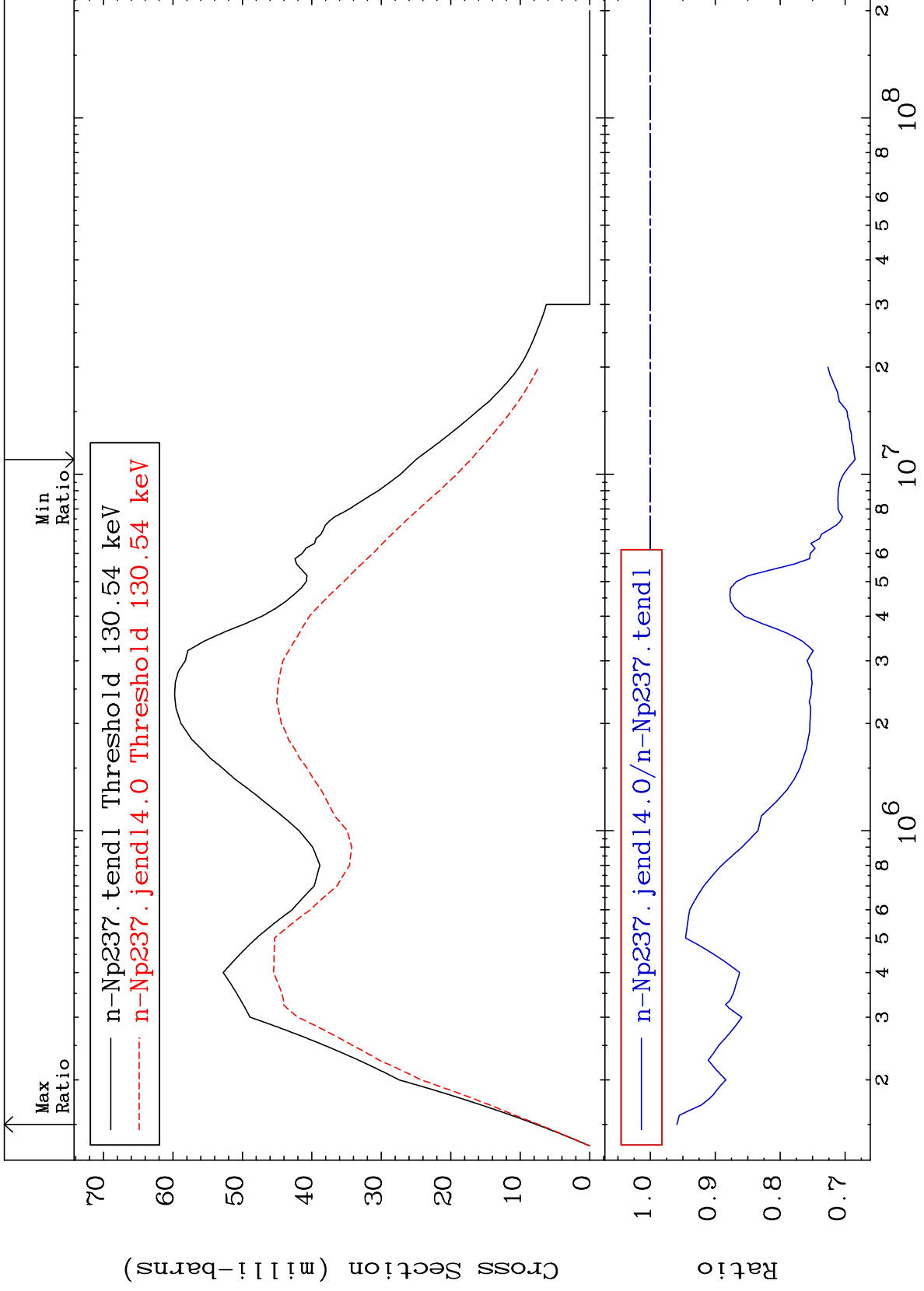
Incident Energy (eV)

93-Np-237

MAT 9346

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

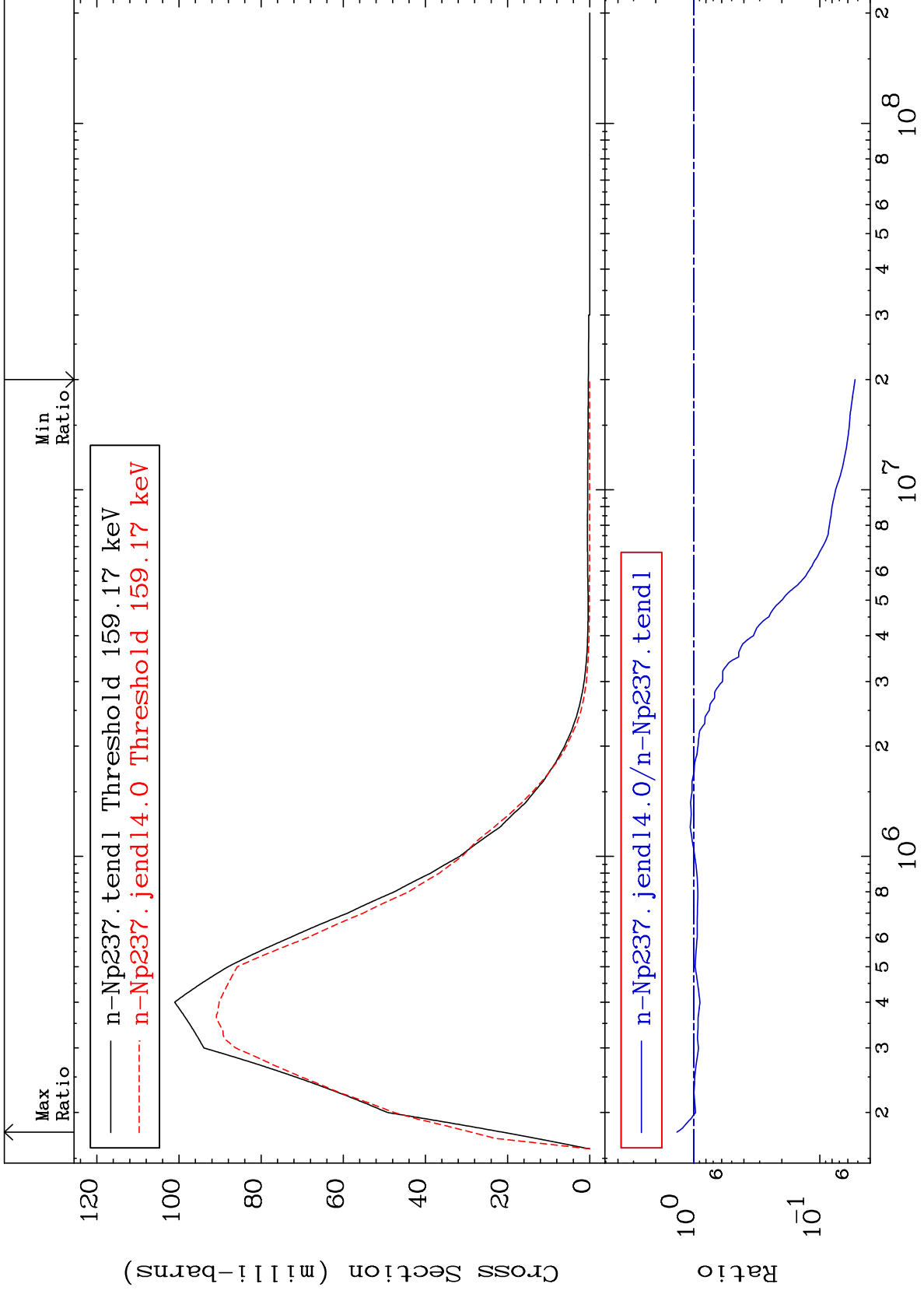
93-Np-237
-31.54 To -4.094%



MAT 9346

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

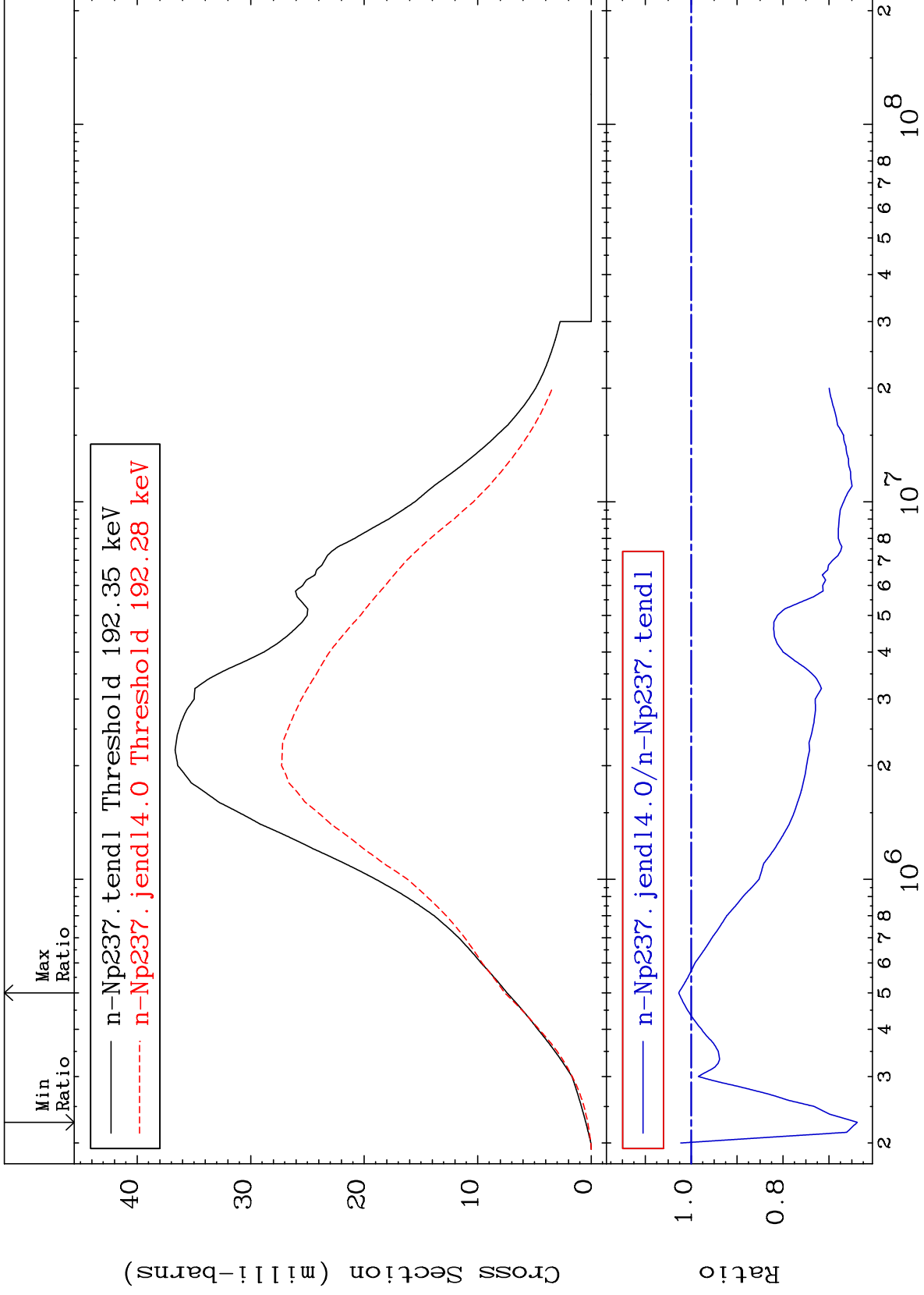
93-Np-237
-94.75 To 35.97 %



MAT 9346

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

93-Np-237
-36.18 To 2.739 %



18

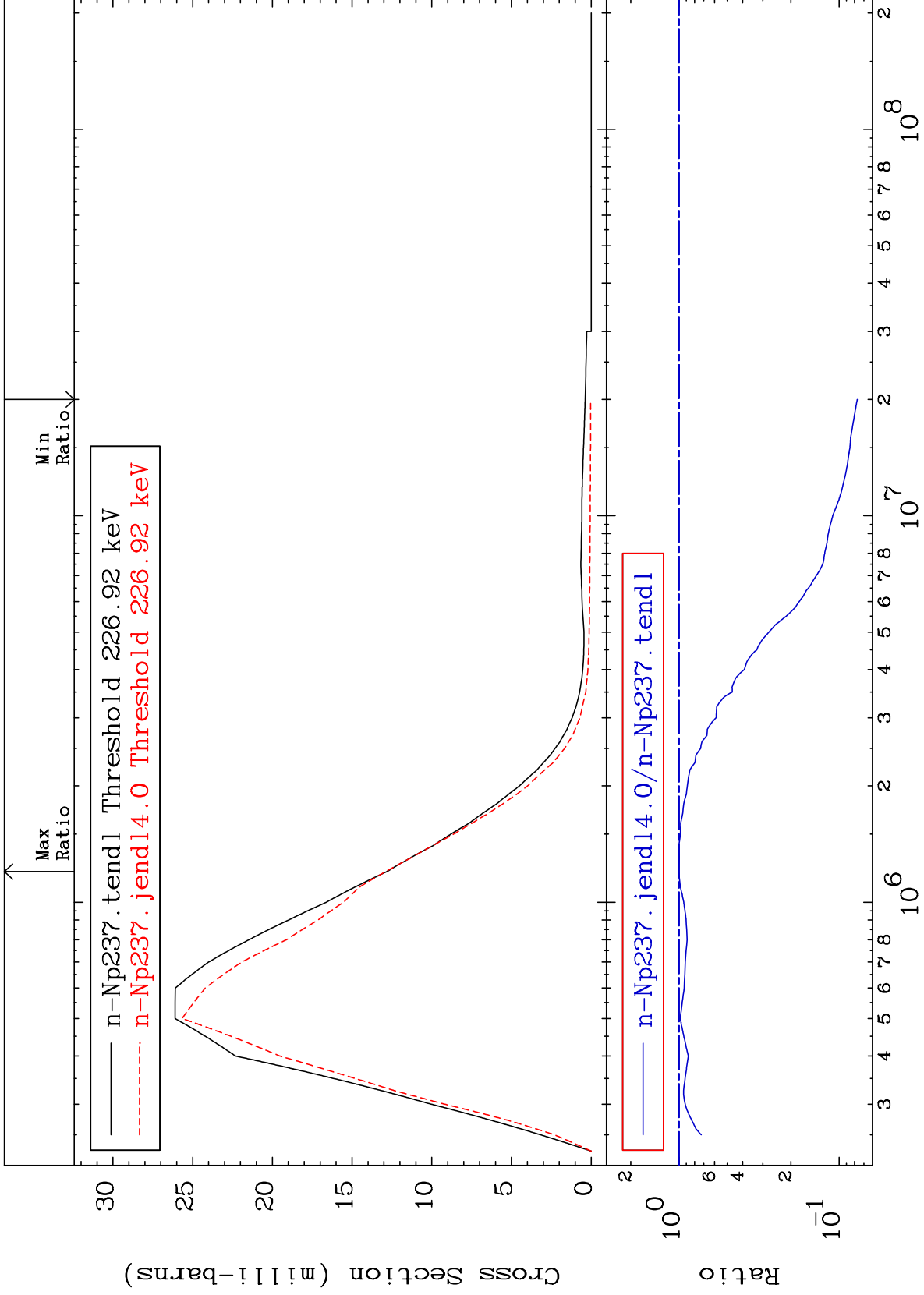
Incident Energy (eV)

93-Np-237

MAT 9346

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

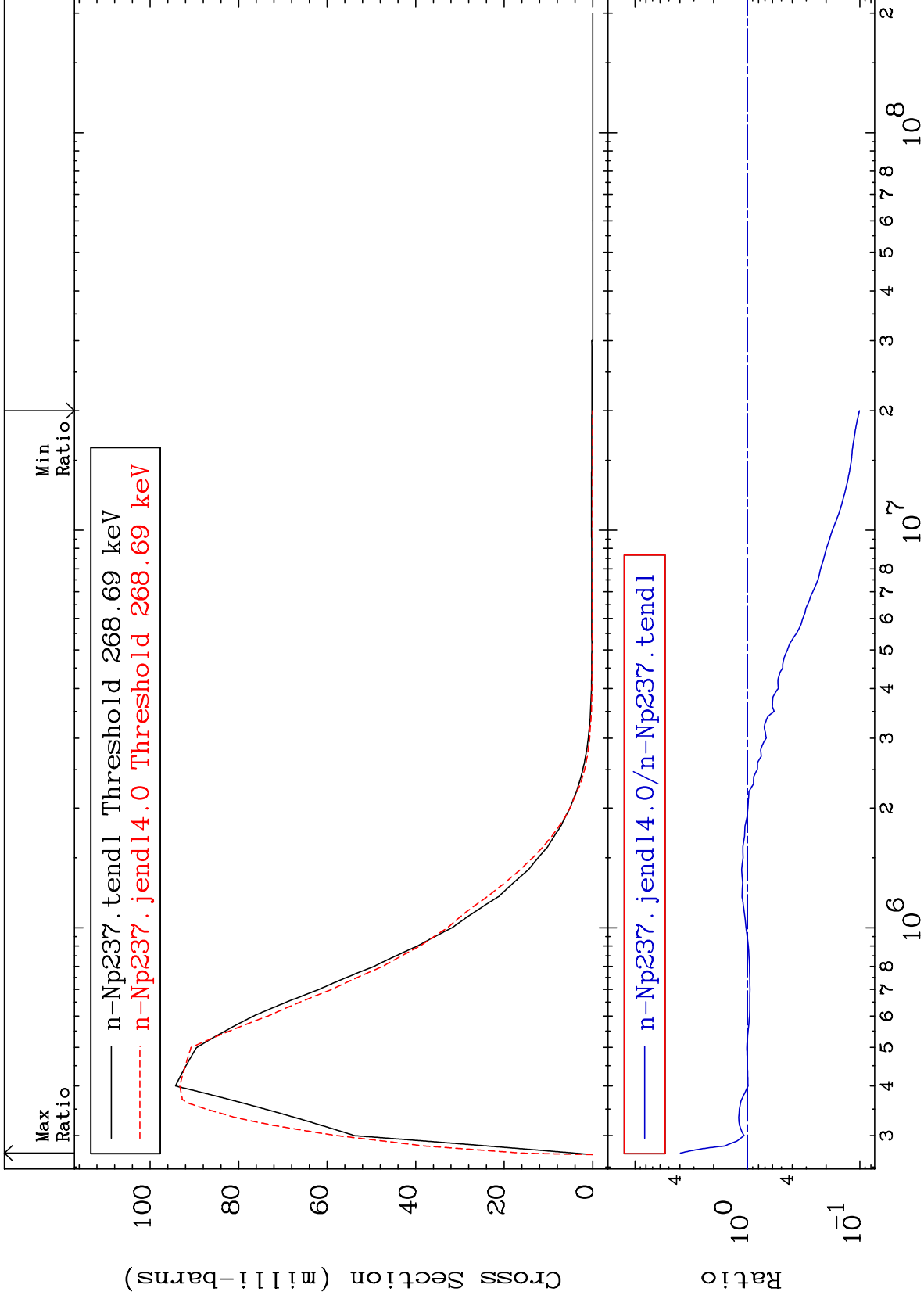
93-Np-237
-92.30 To 0.563 %



MAT 9346

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

93-Np-237
-89.90 To 295.7 %



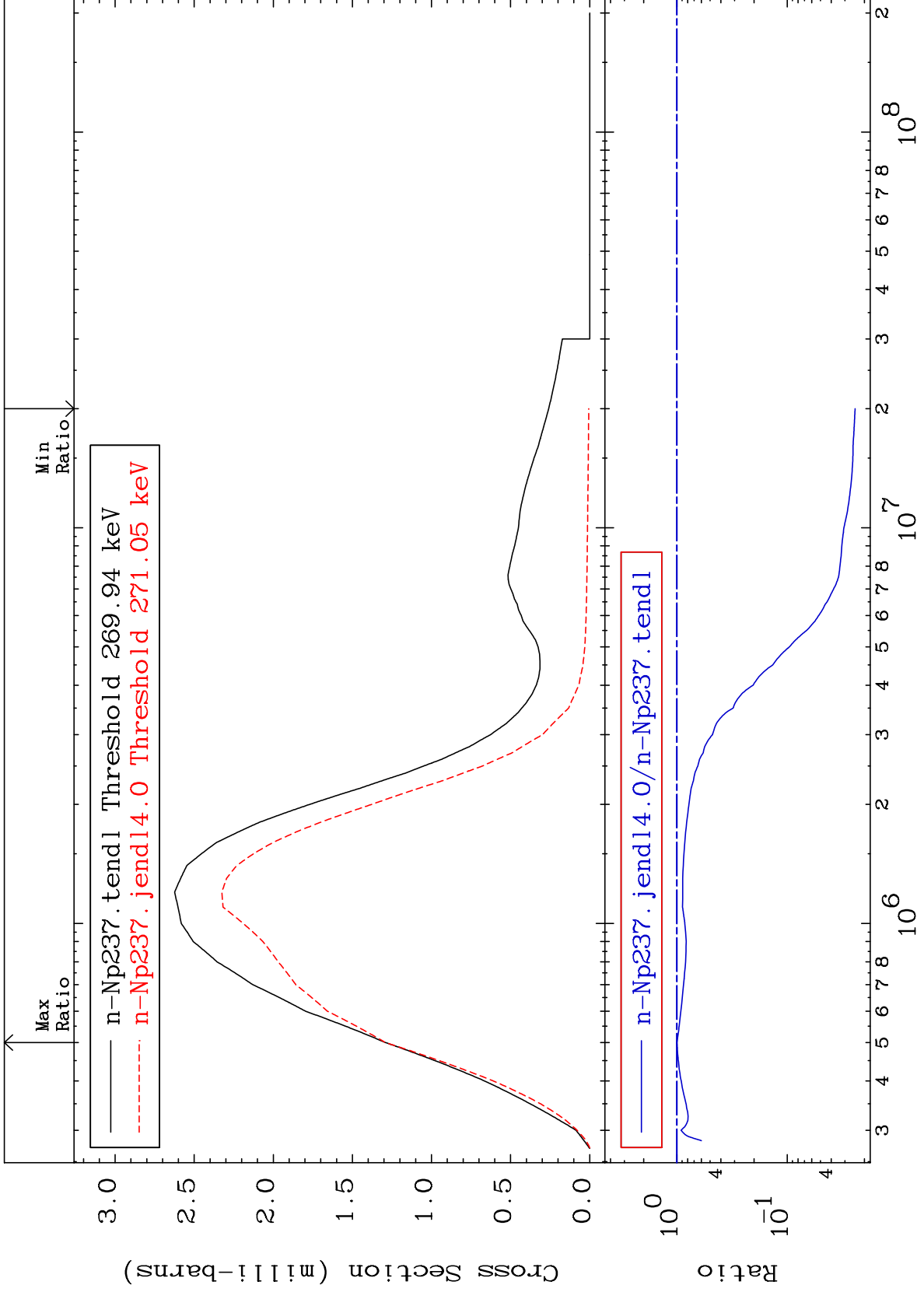
20

93-Np-237

MAT 9346

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

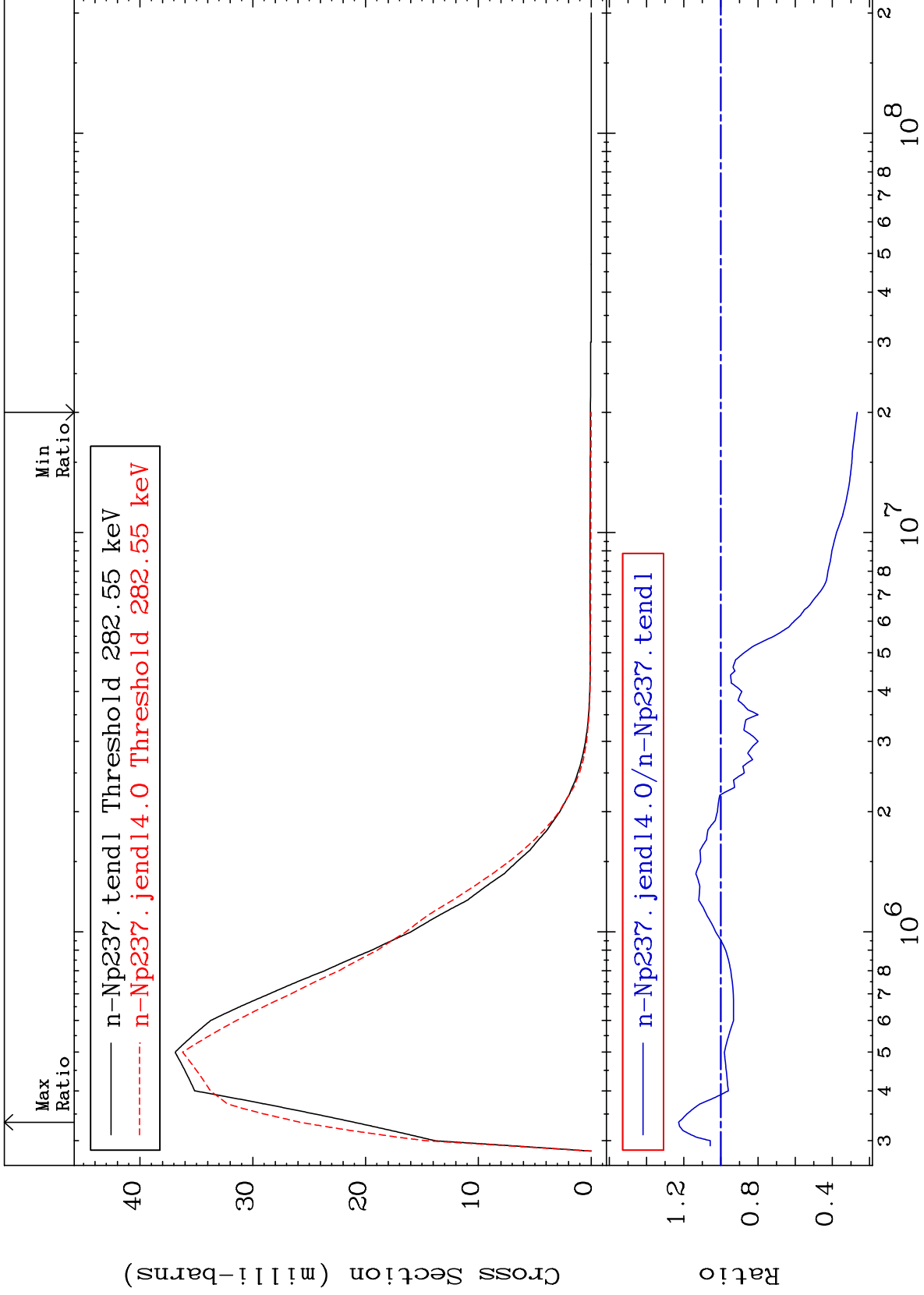
93-Np-237
-97.57 To 0.074 %



MAT 9346

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

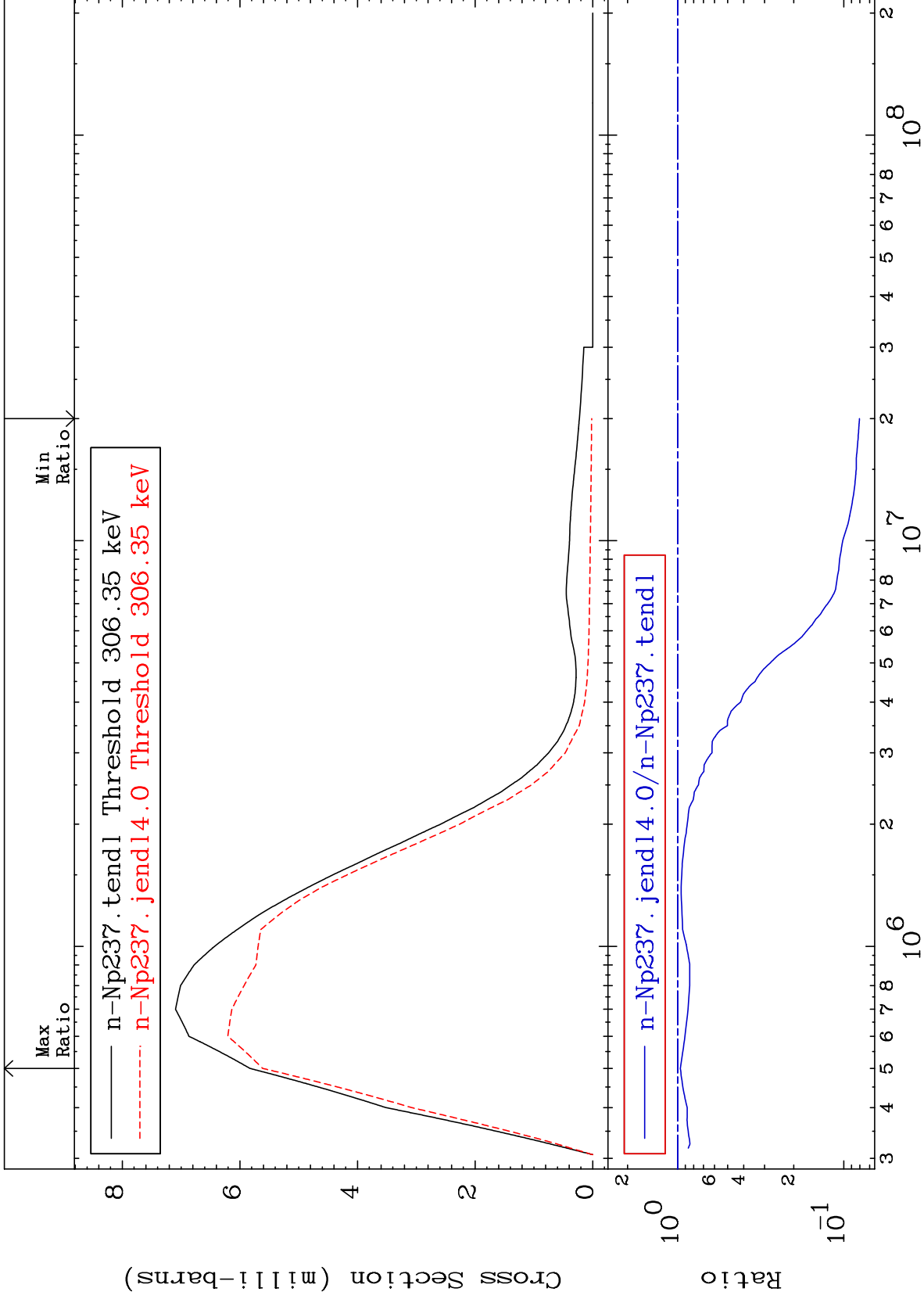
93-Np-237
-73.40 To 22.73 %



MAT 9346

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

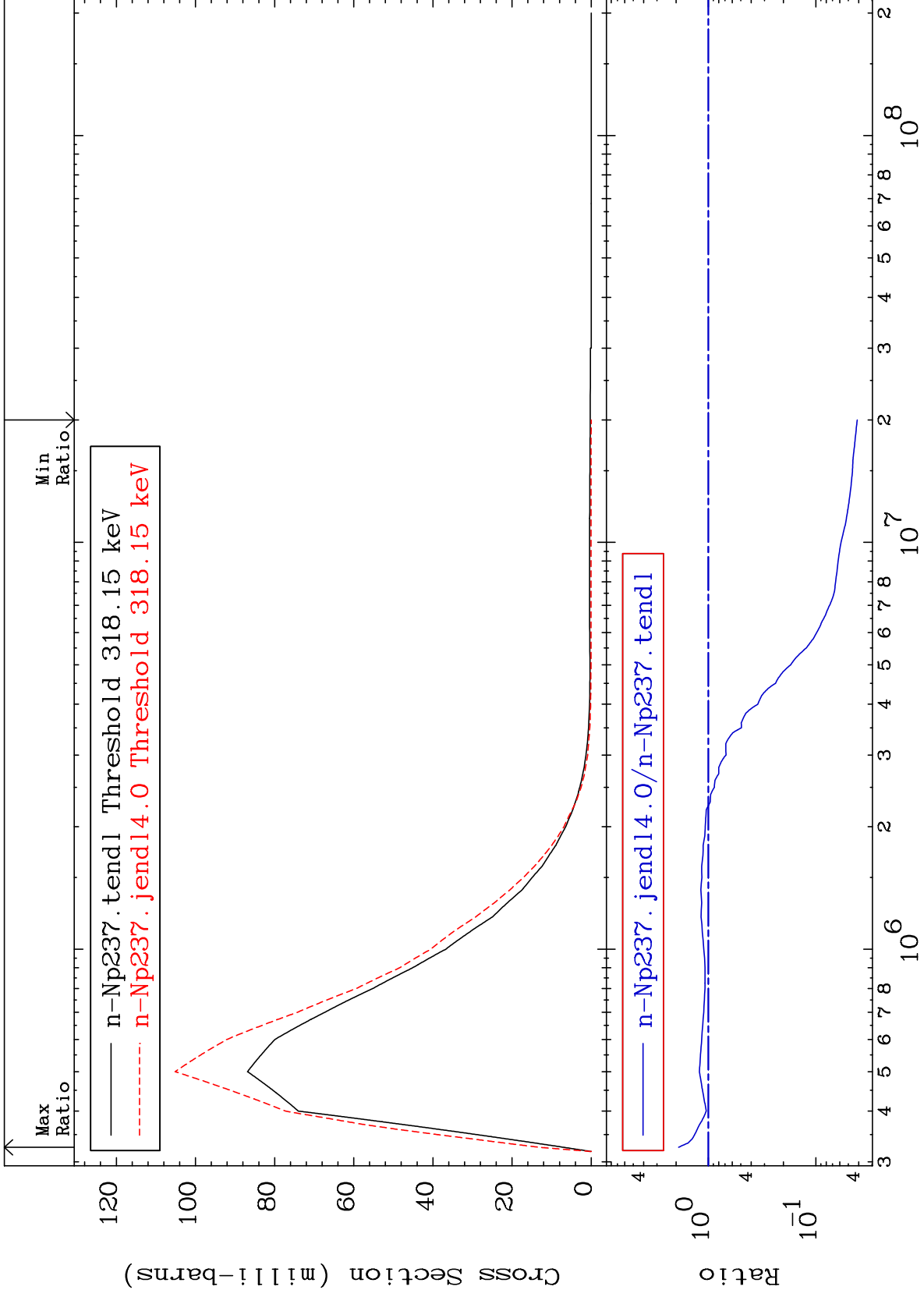
93-Np-237
-91.95 To -3.694%



MAT 9346

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

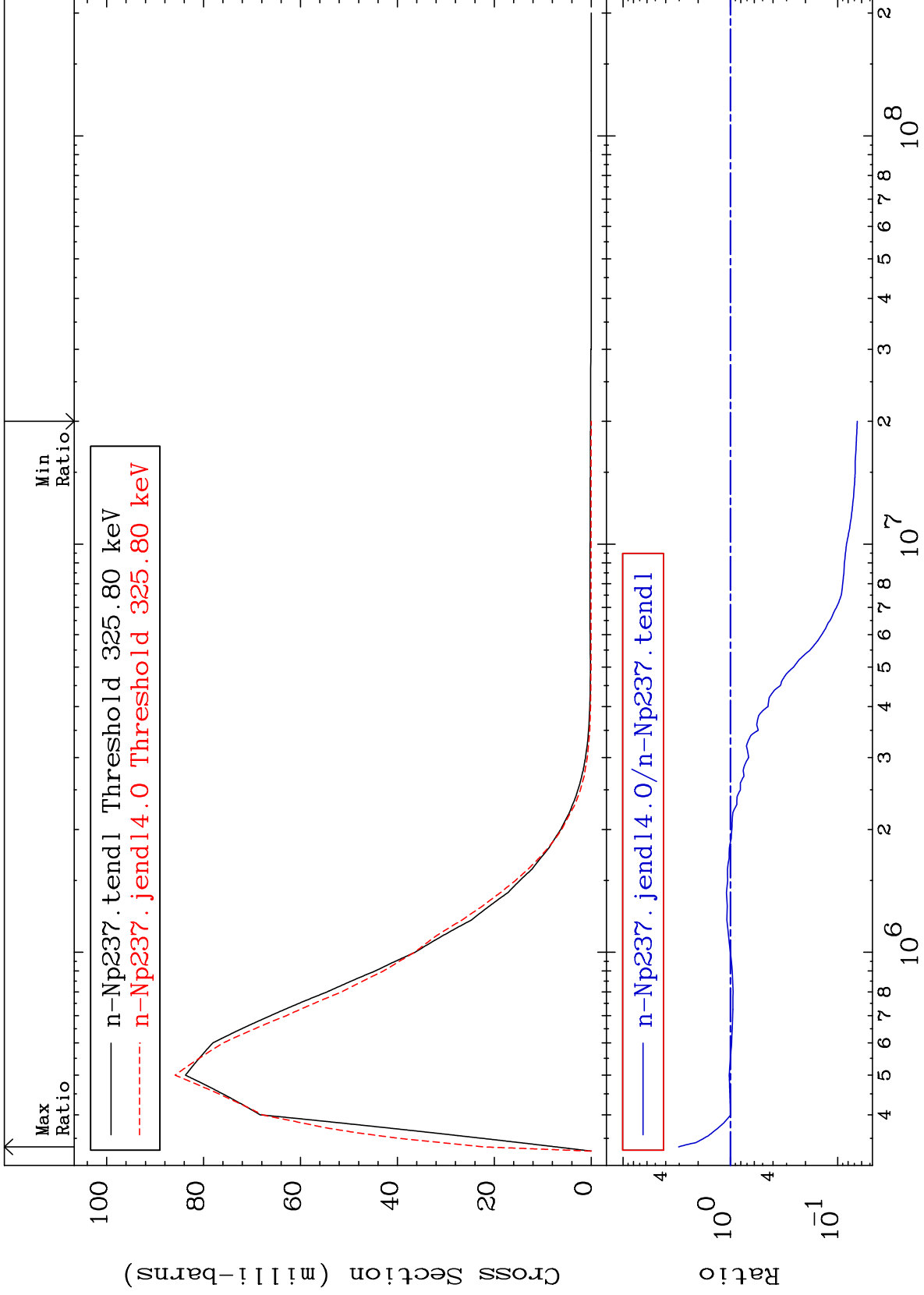
93-Np-237
-95.88 To 89.00 %



MAT 9346

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

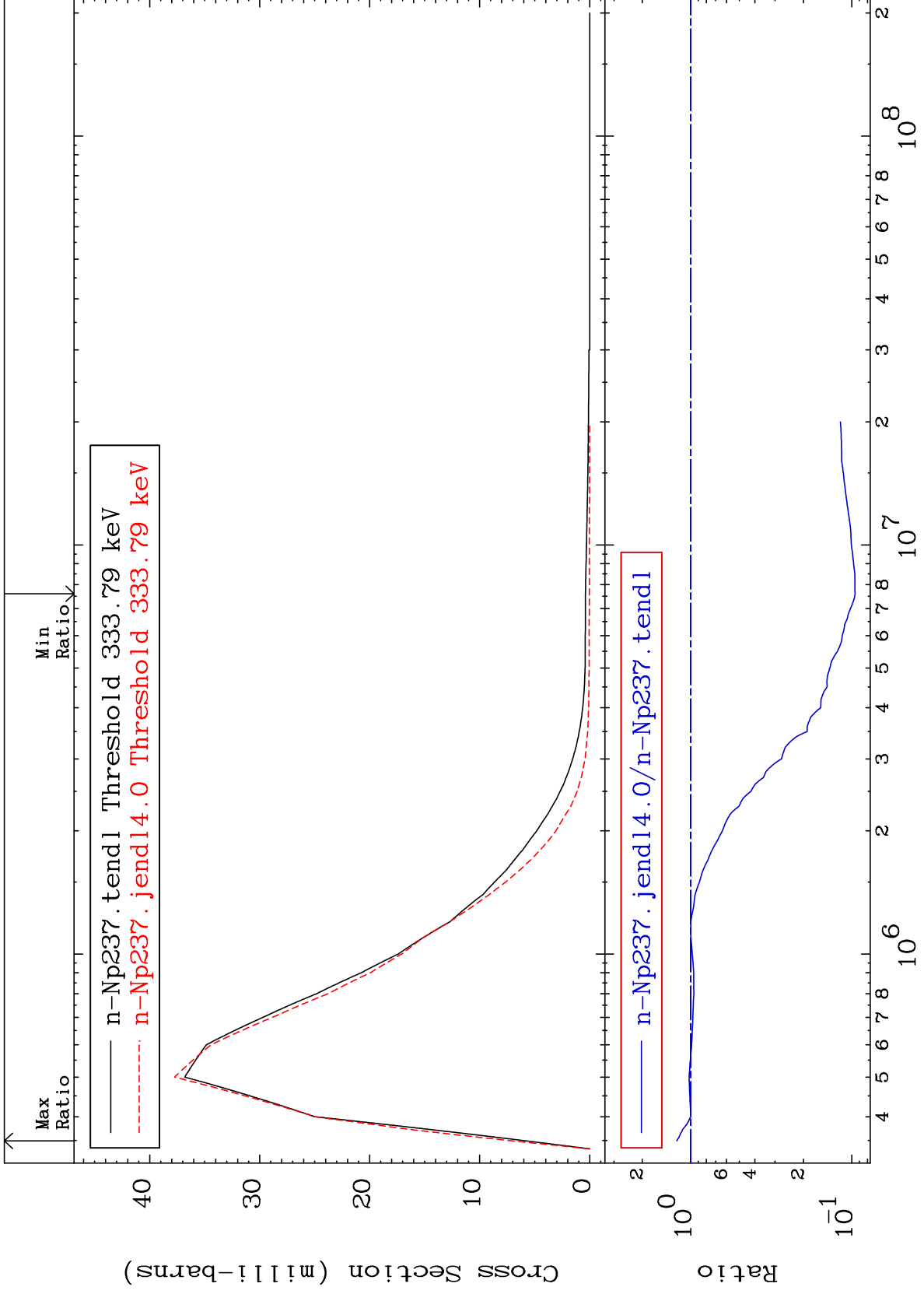
93-Np-237
-93.42 To 203.6 %



MAT 9346

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

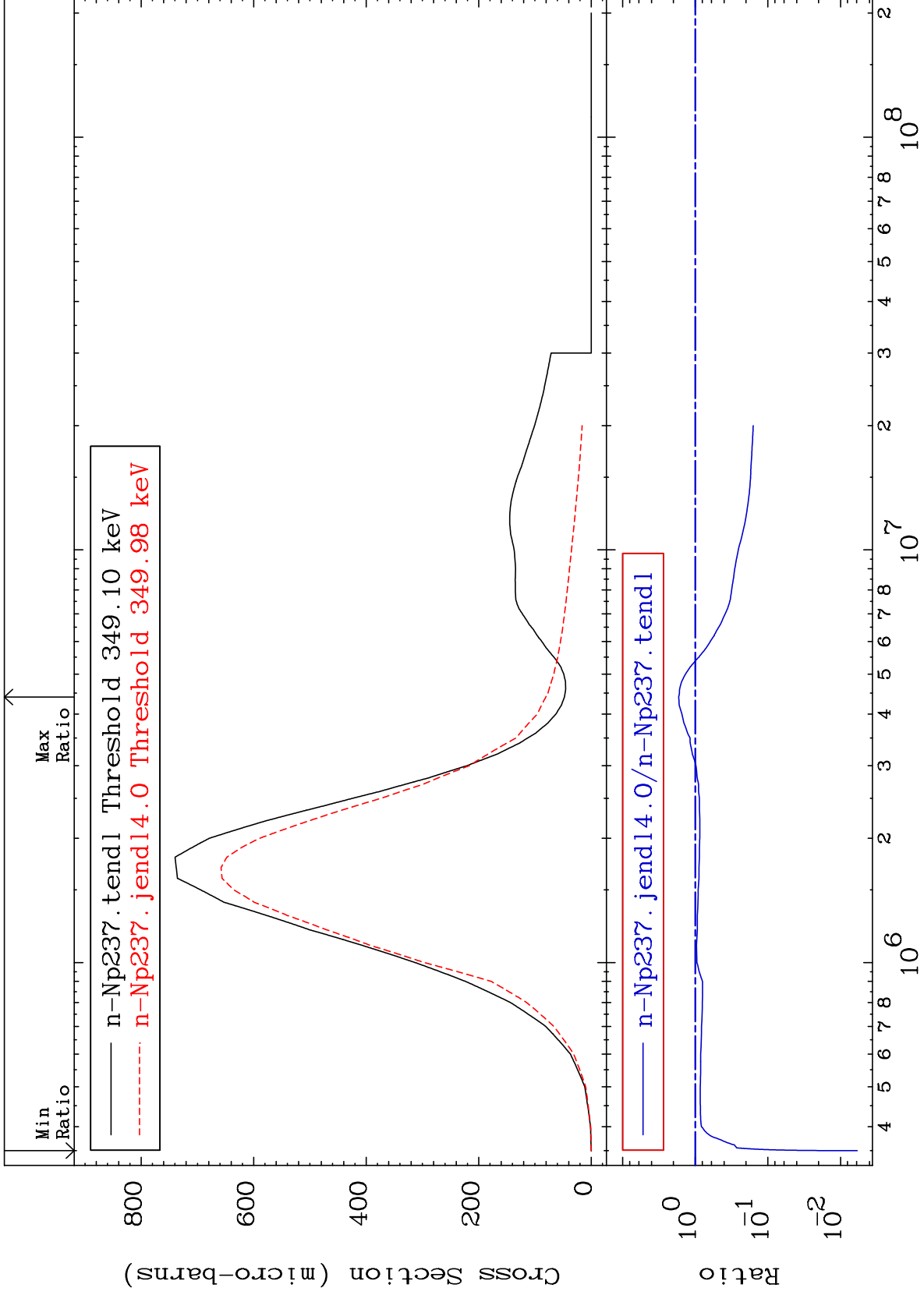
93-Np-237
-90.45 To 21.96 %



MAT 9346

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

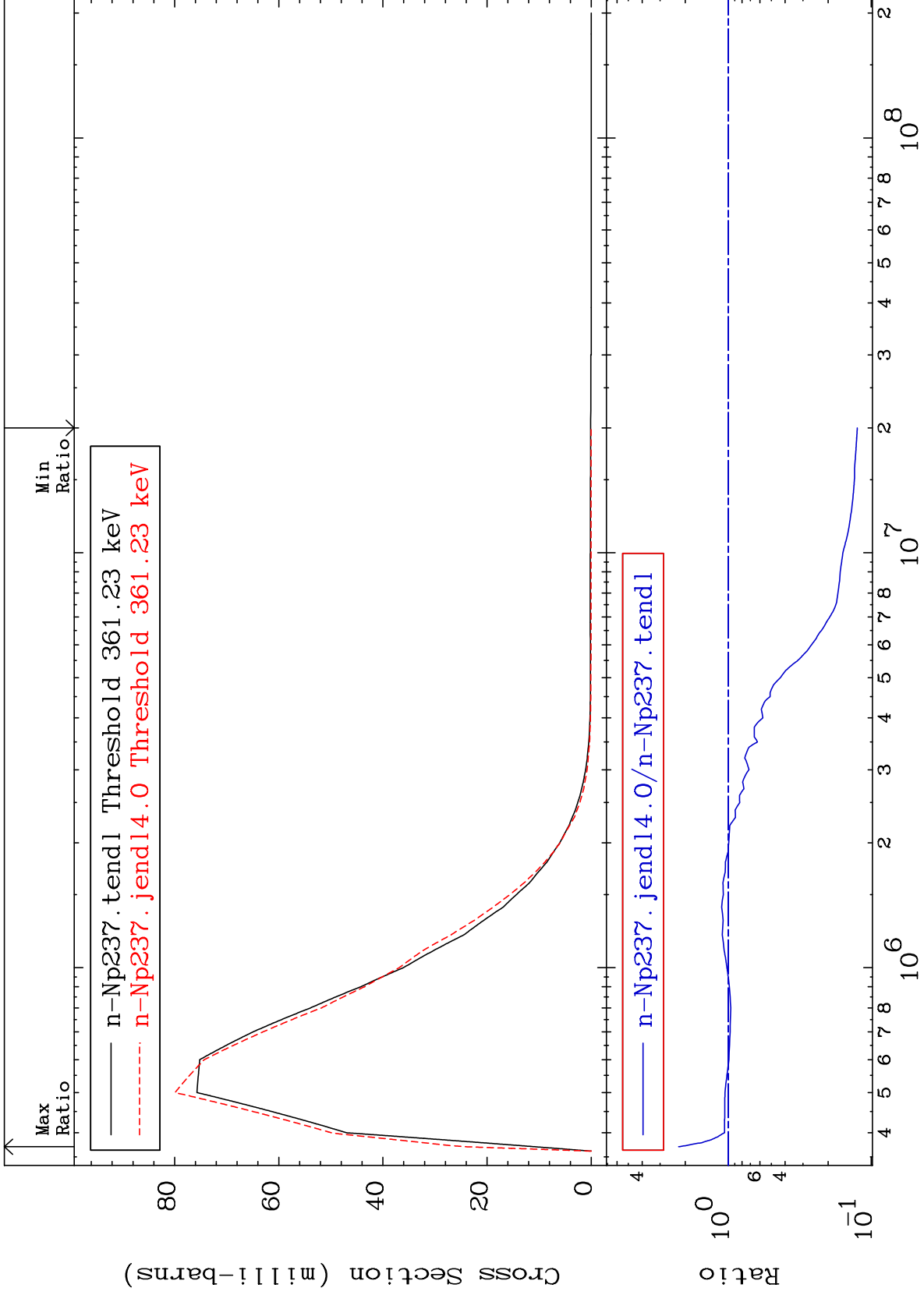
93-Np-237
-99.41 To 69.63 %



MAT 9346

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

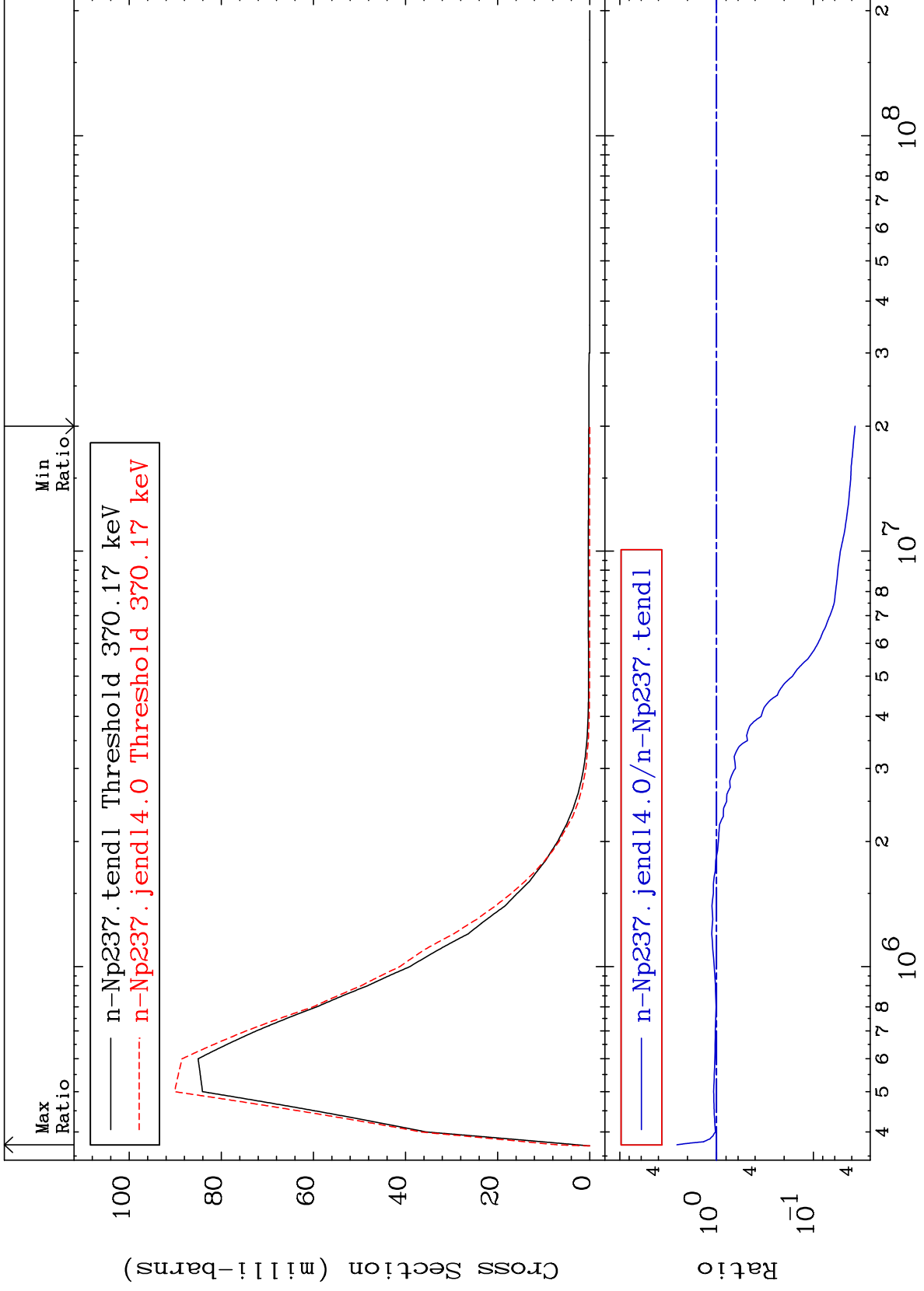
93-Np-237
-87.47 To 122.3 %



MAT 9346

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

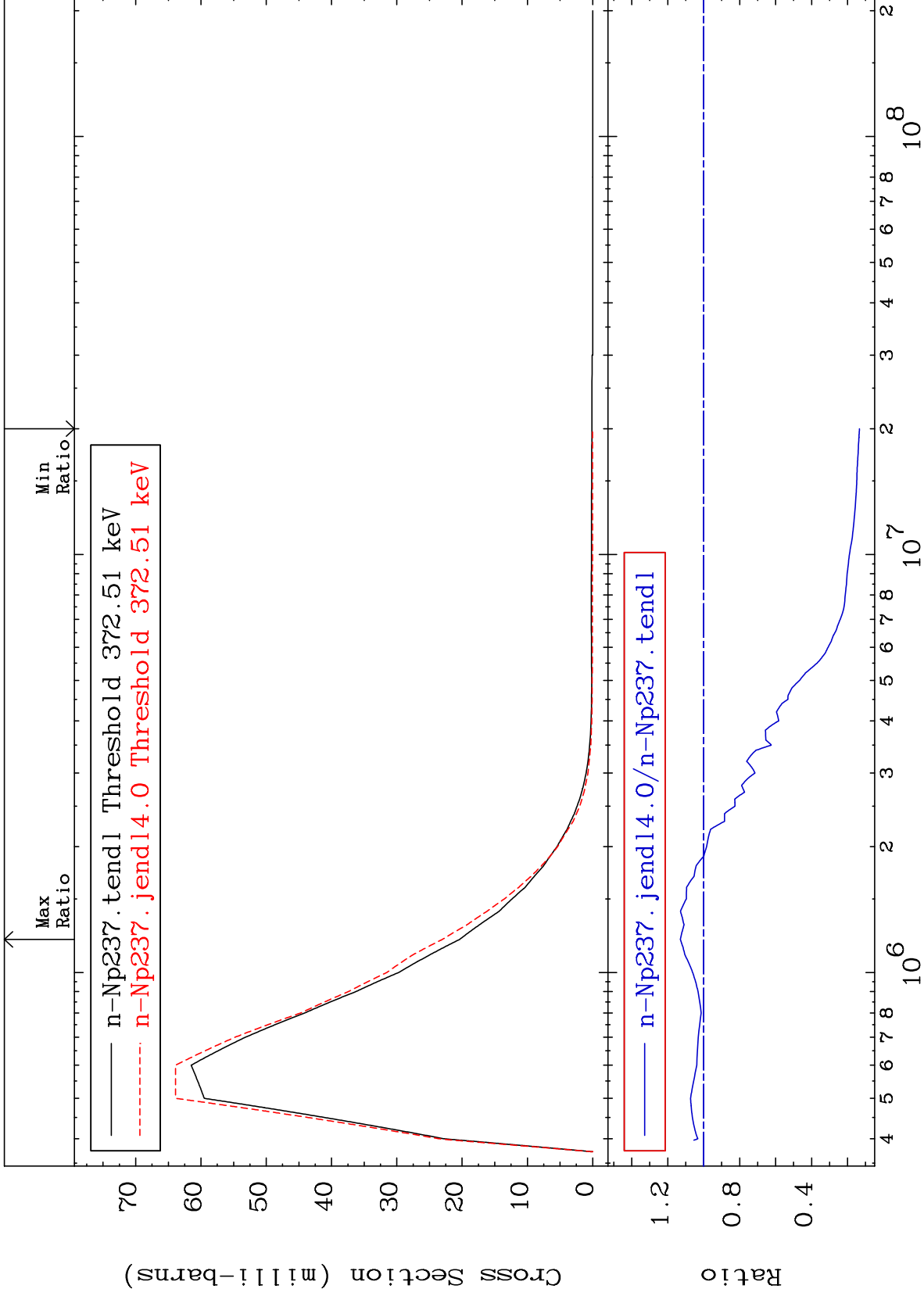
93-Np-237
-96.30 To 157.0 %



MAT 9346

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

93-Np-237
-86.60 To 12.98 %



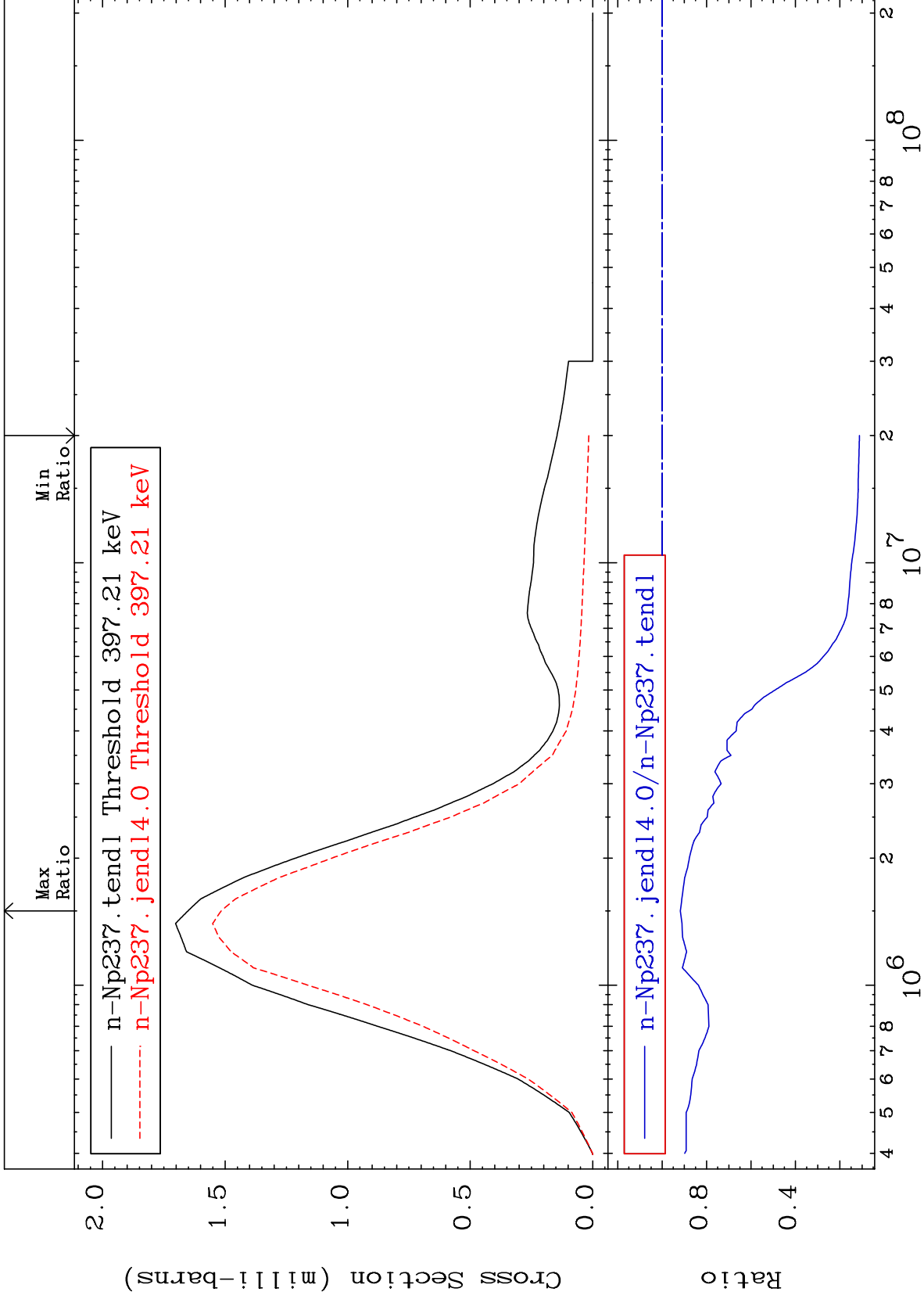
30

93-Np-237

MAT 9346

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

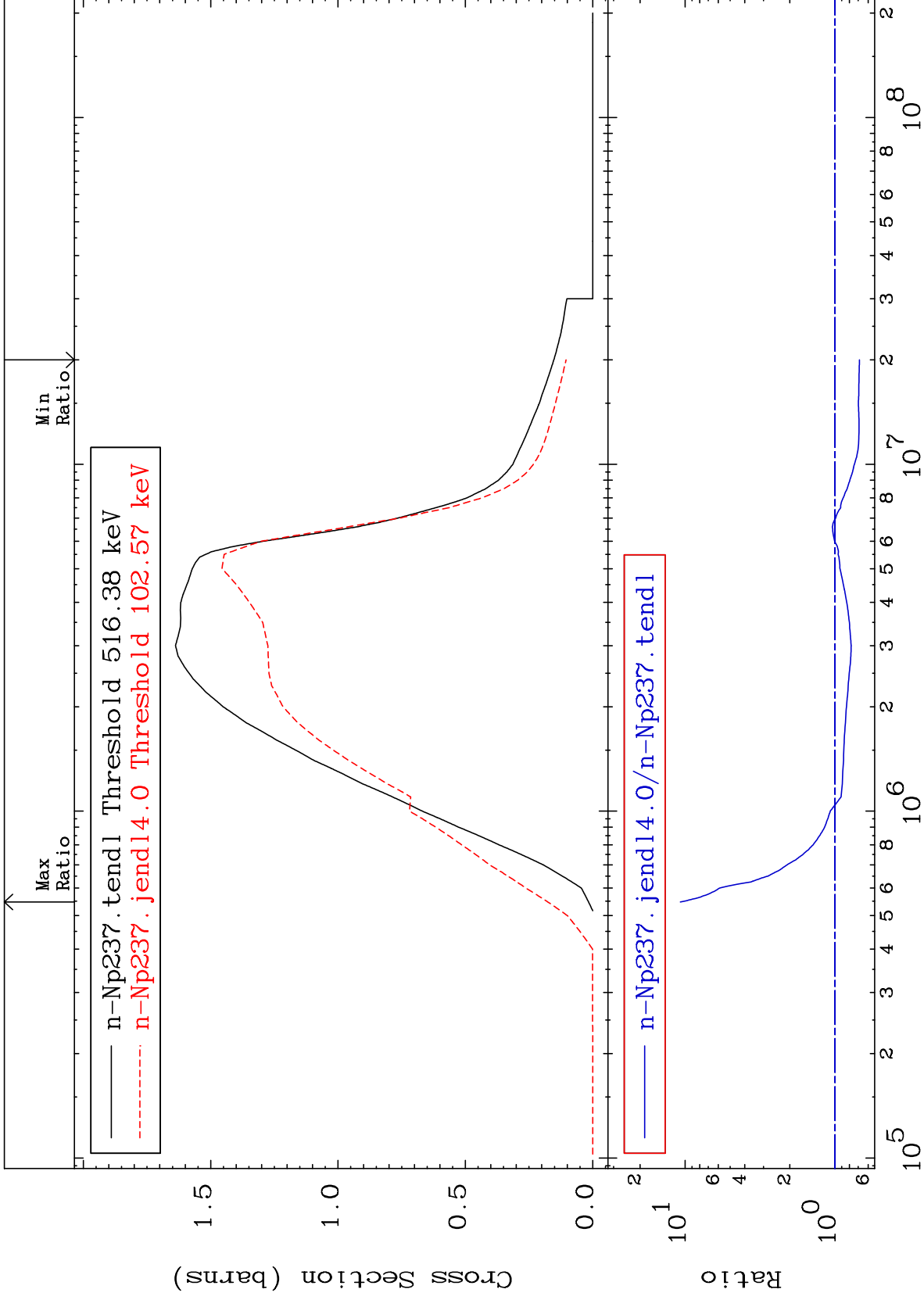
93-Np-237
-88.78 To -8.199%



MAT 9346

(n, n') Continuum
Cross Section

93-Np-237
-31.38 To 975.8 %



32

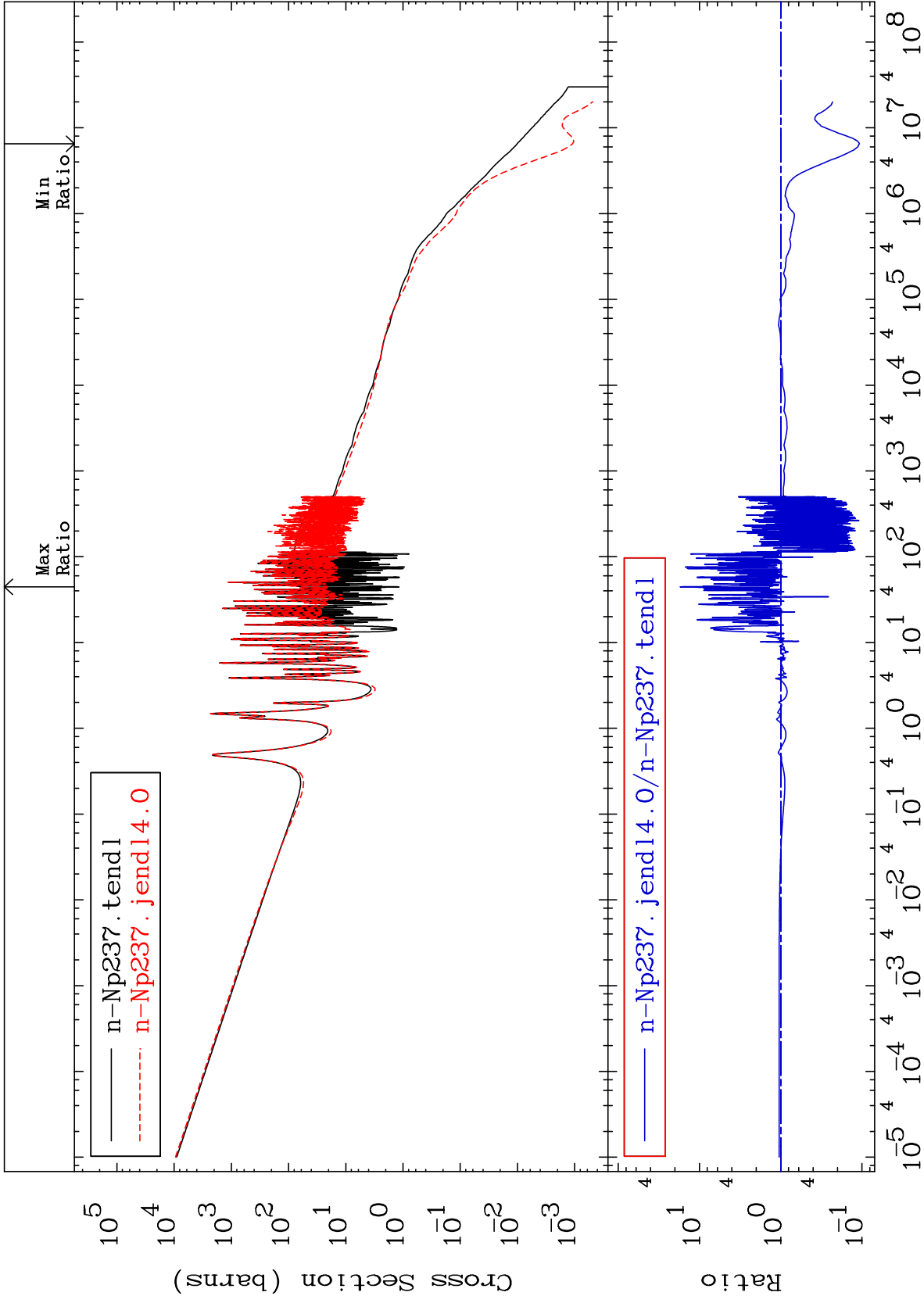
Incident Energy (eV)

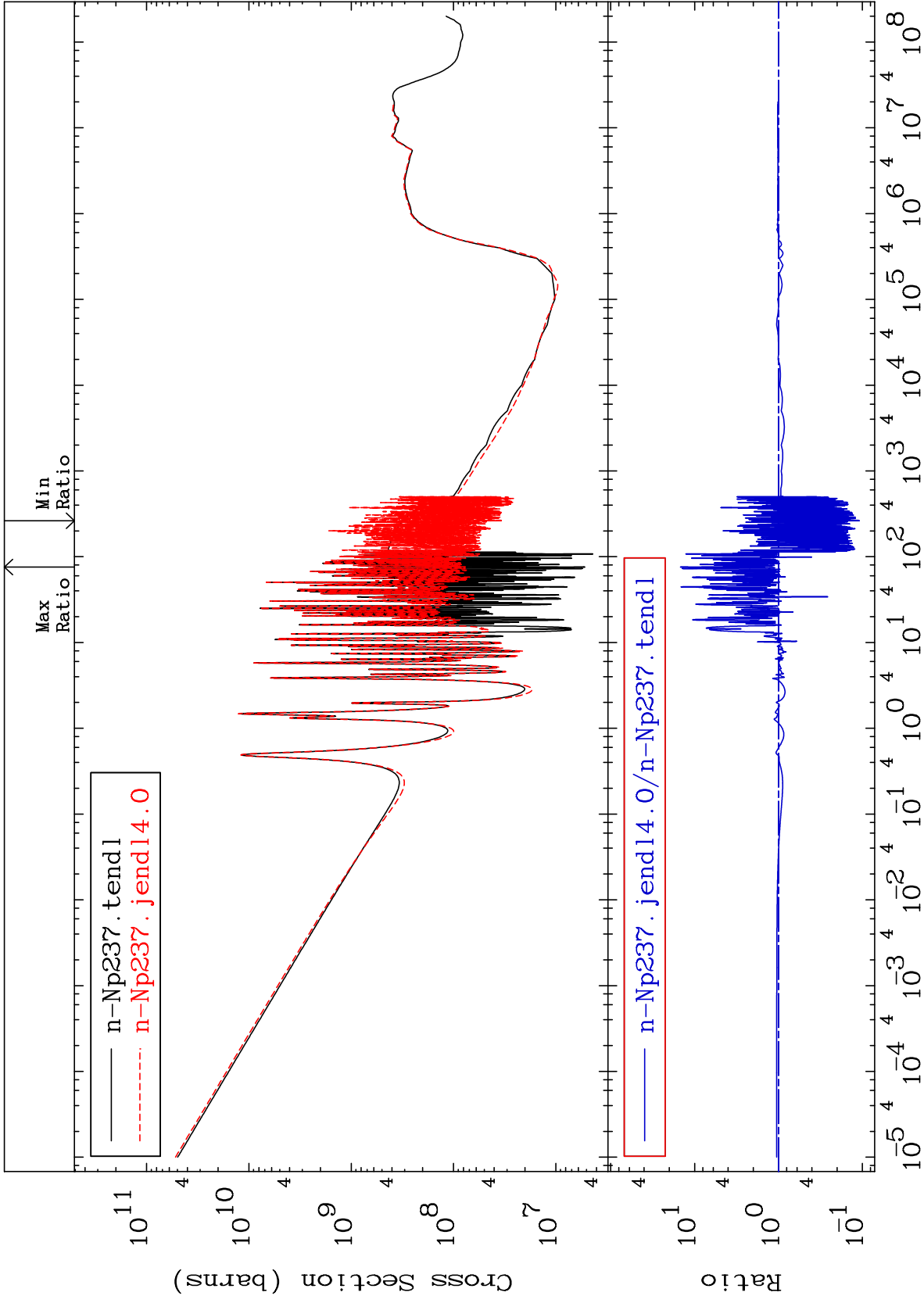
93-Np-237

MAT 9346

(n, γ)
Cross Section

93-Np-237
-89.24 To 1616. %

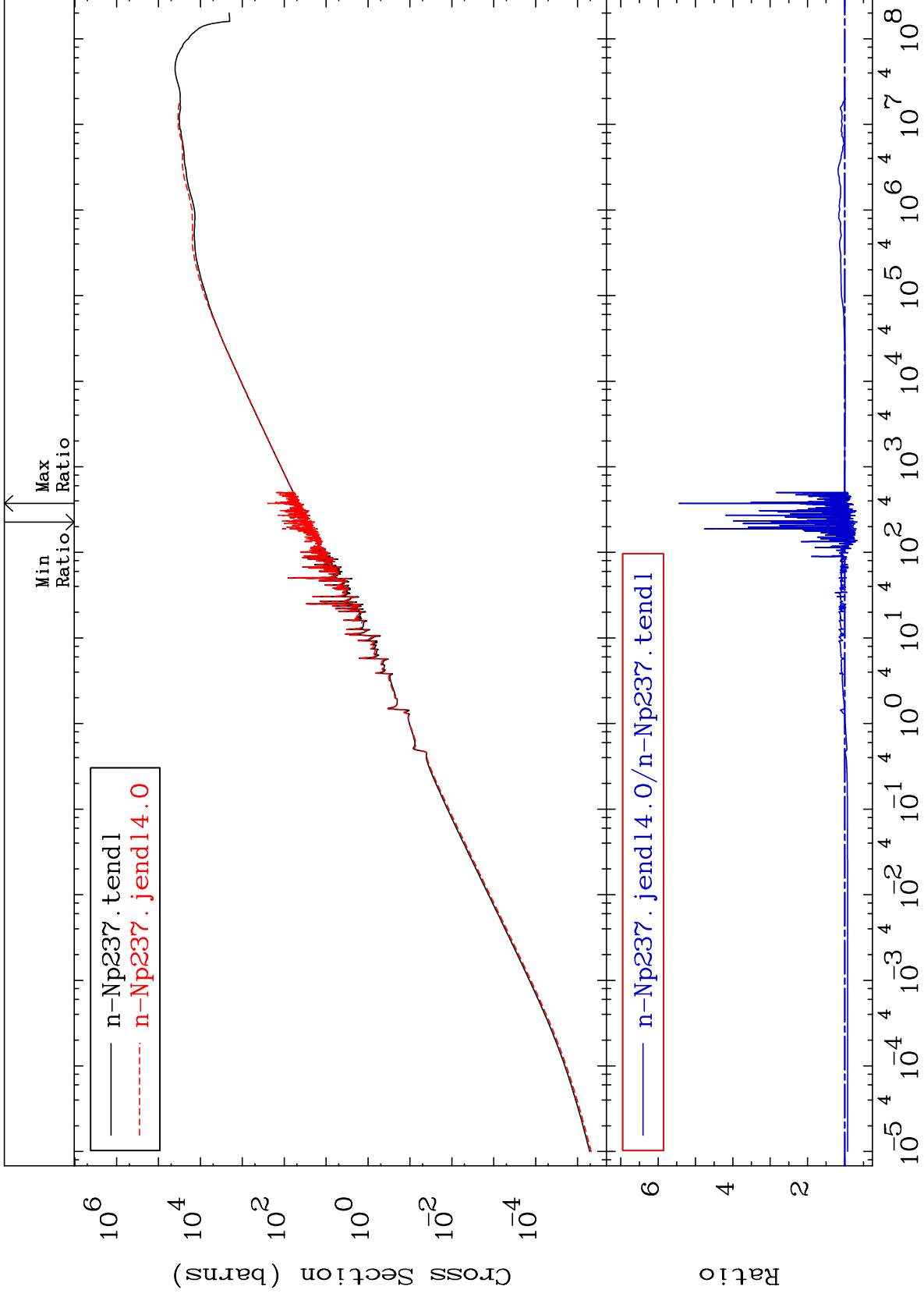




MAT 9346

Kerma elastic
Cross Section

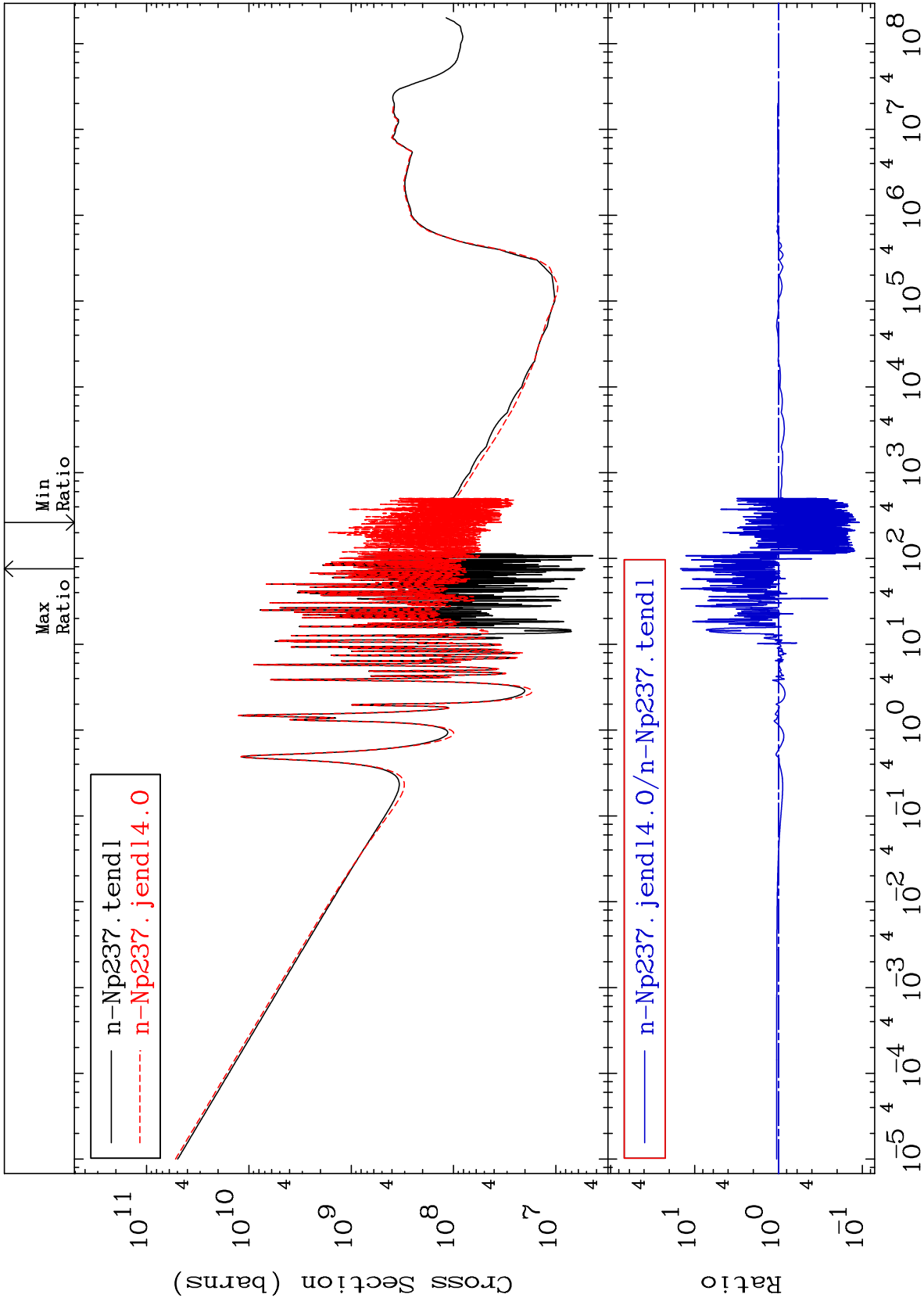
93-Np-237
-33.43 To 445.0 %

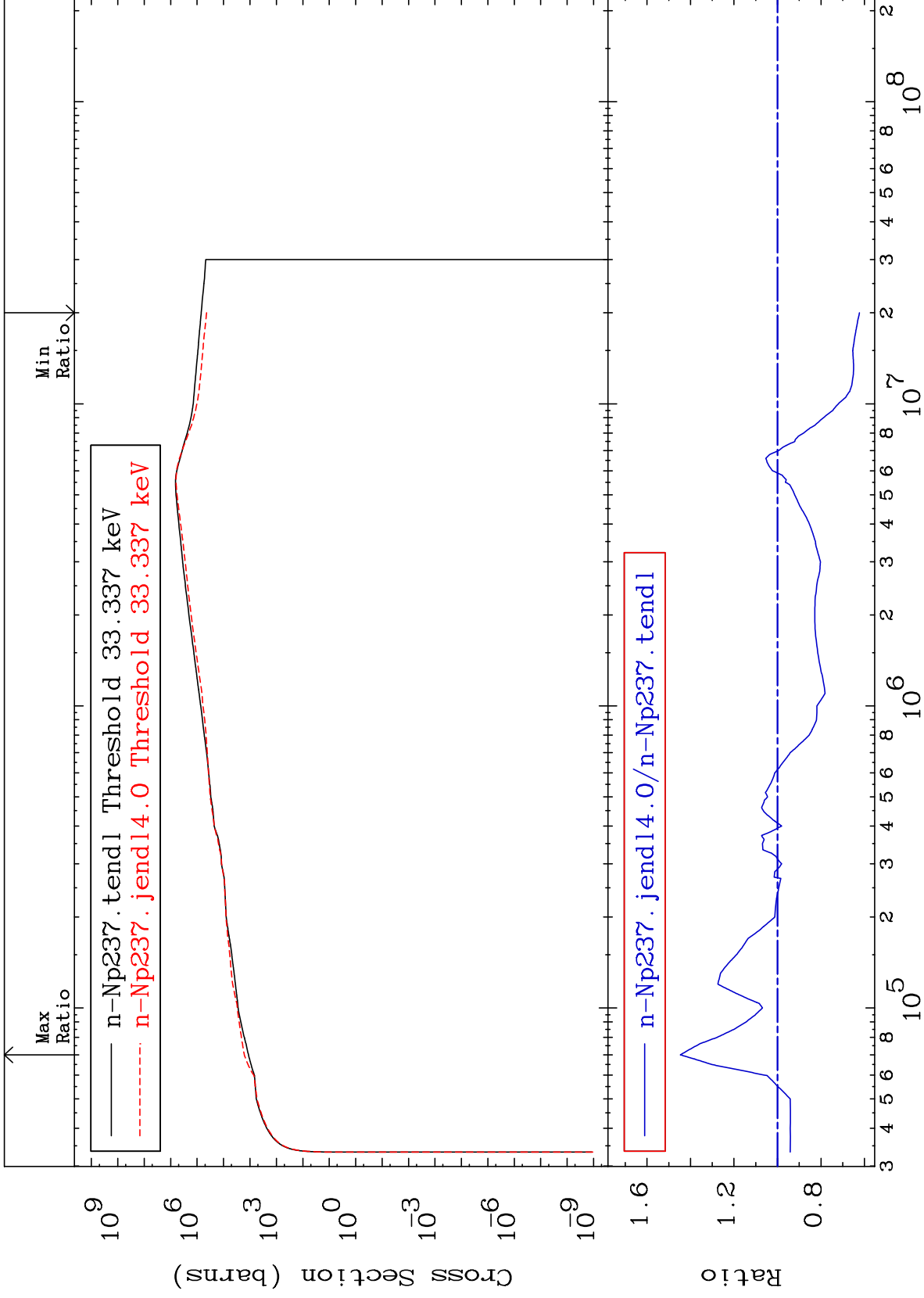


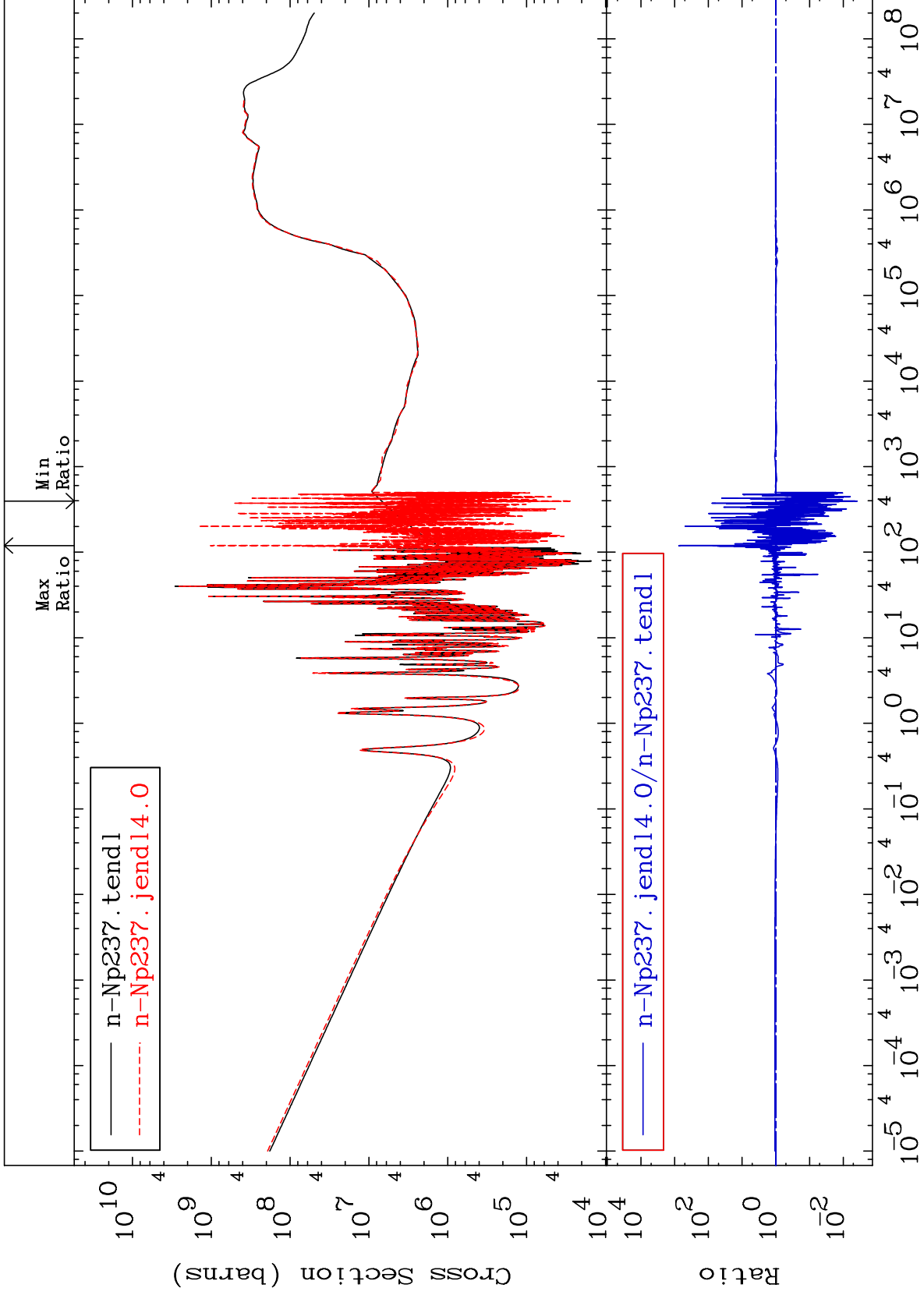
35

Incident Energy (eV)

93-Np-237



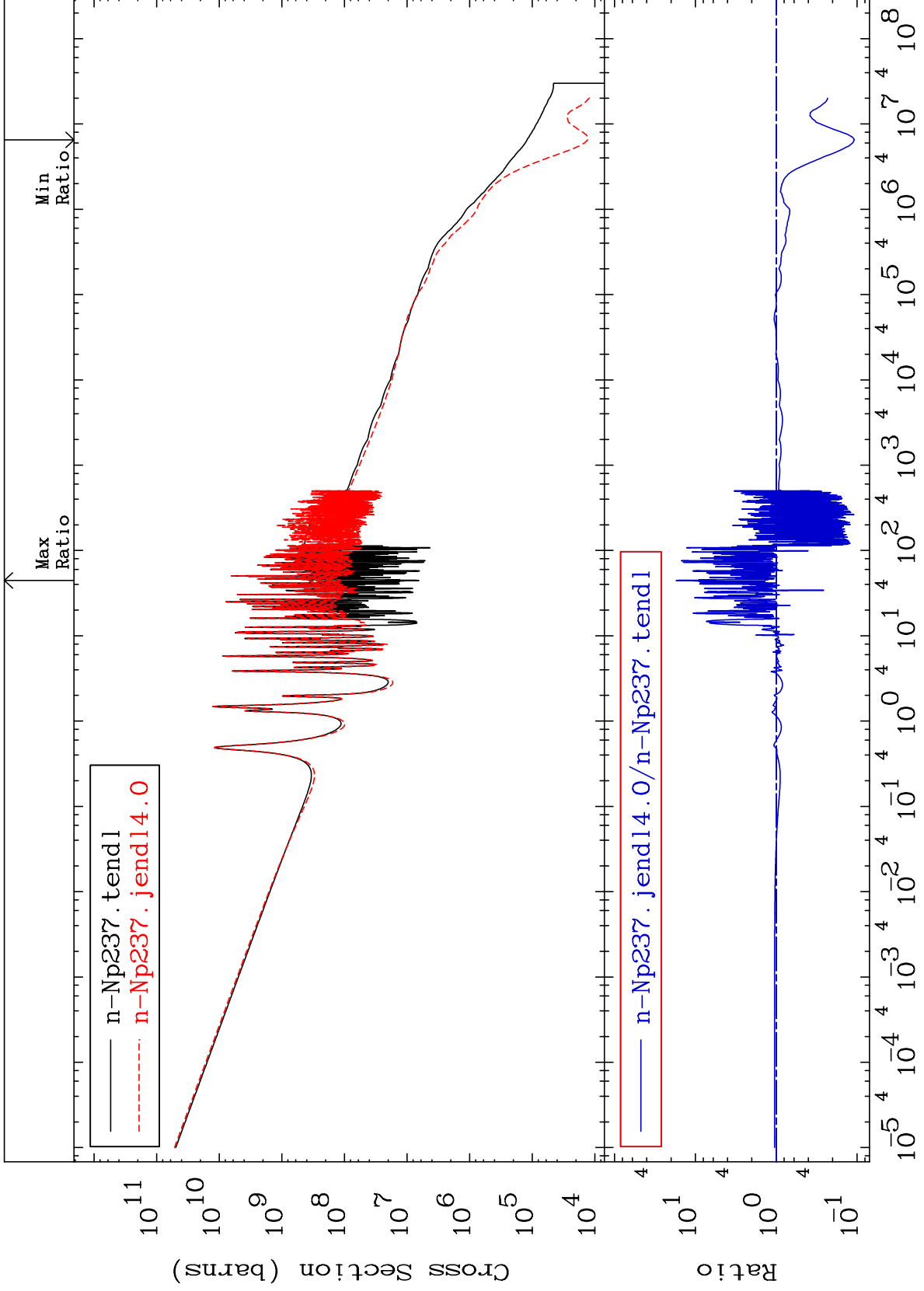




MAT 9346

Kerma capture (mt102)
Cross Section

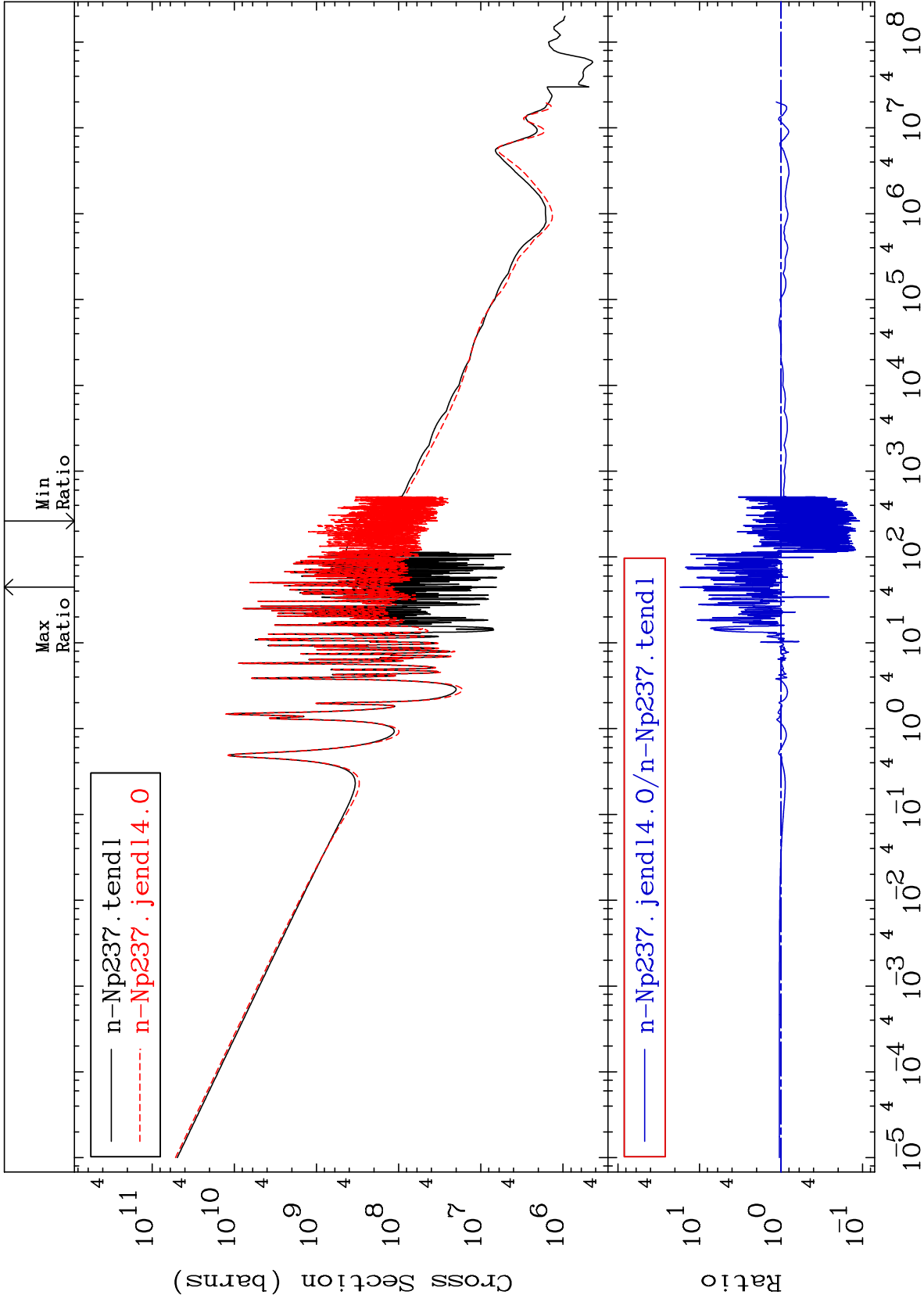
93-Np-237
-89.21 To 1618. %

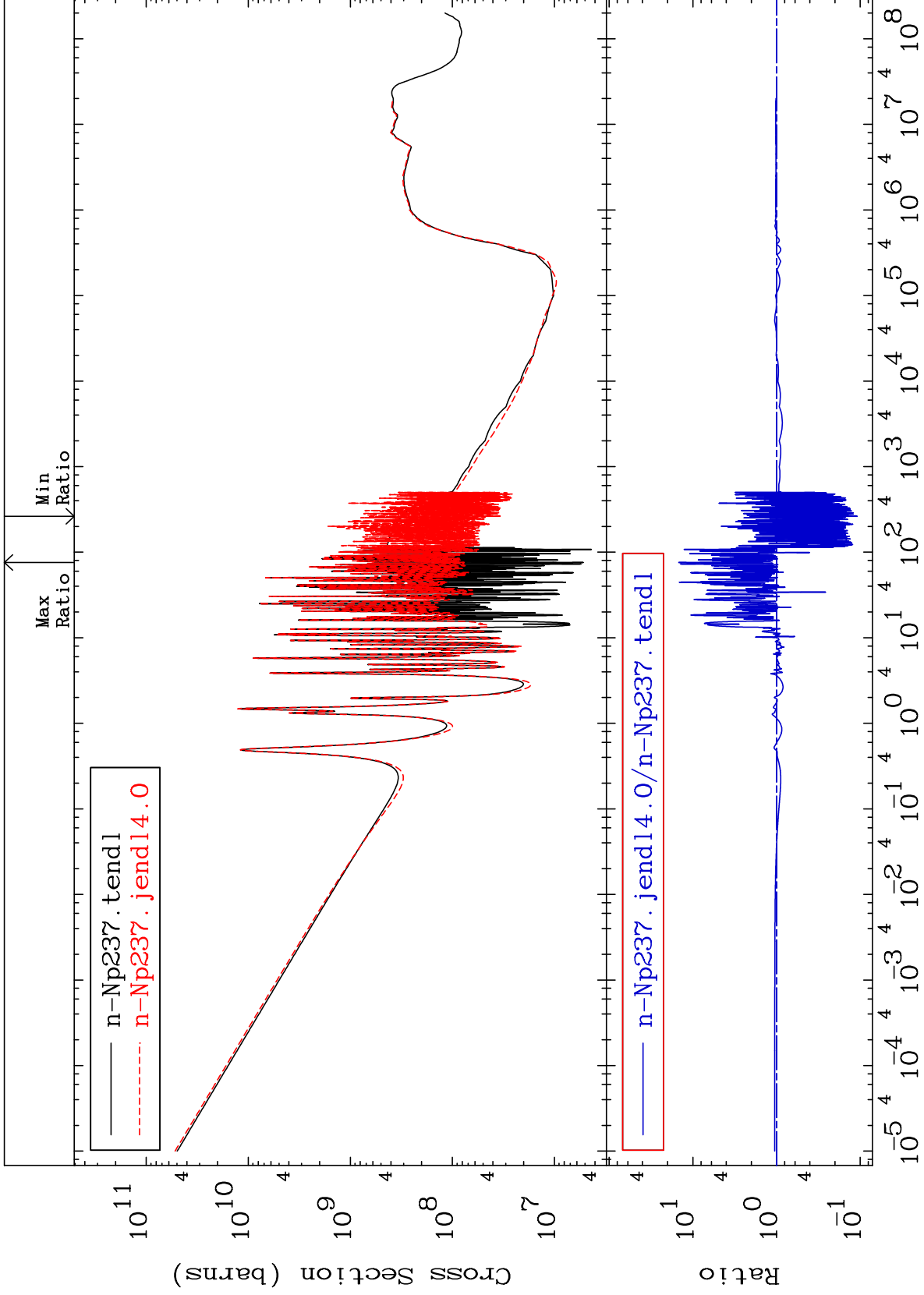


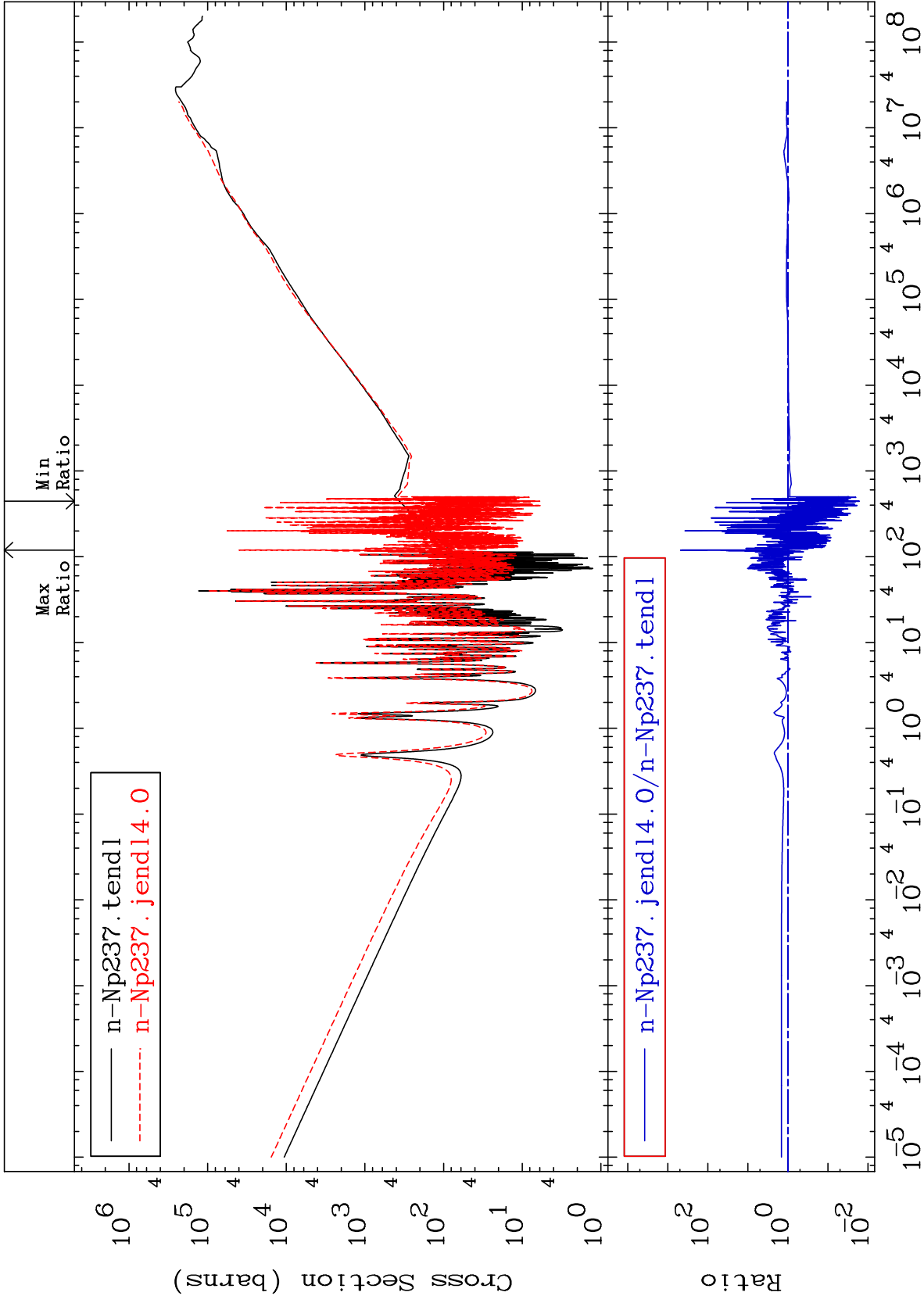
39

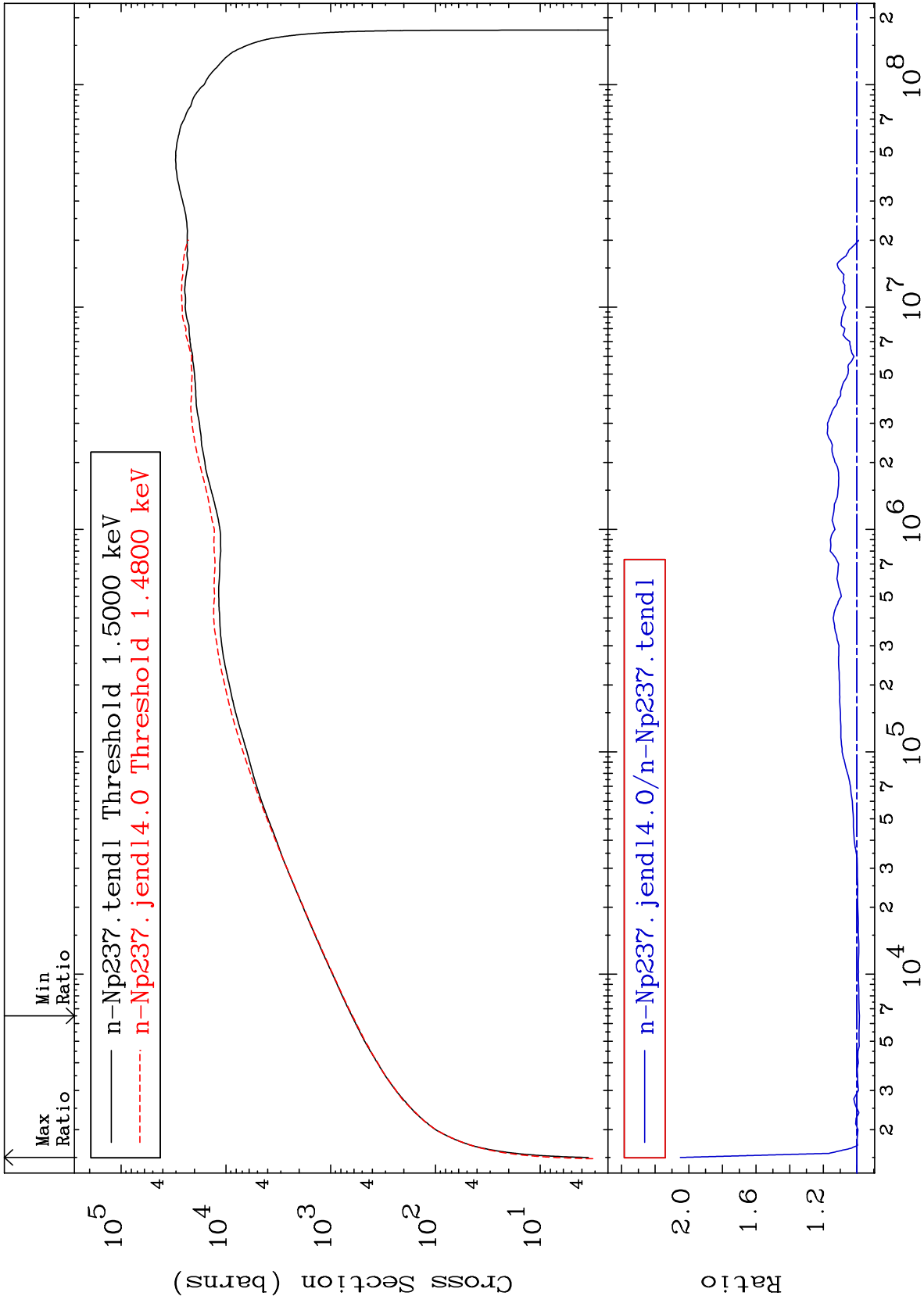
Incident Energy (eV)

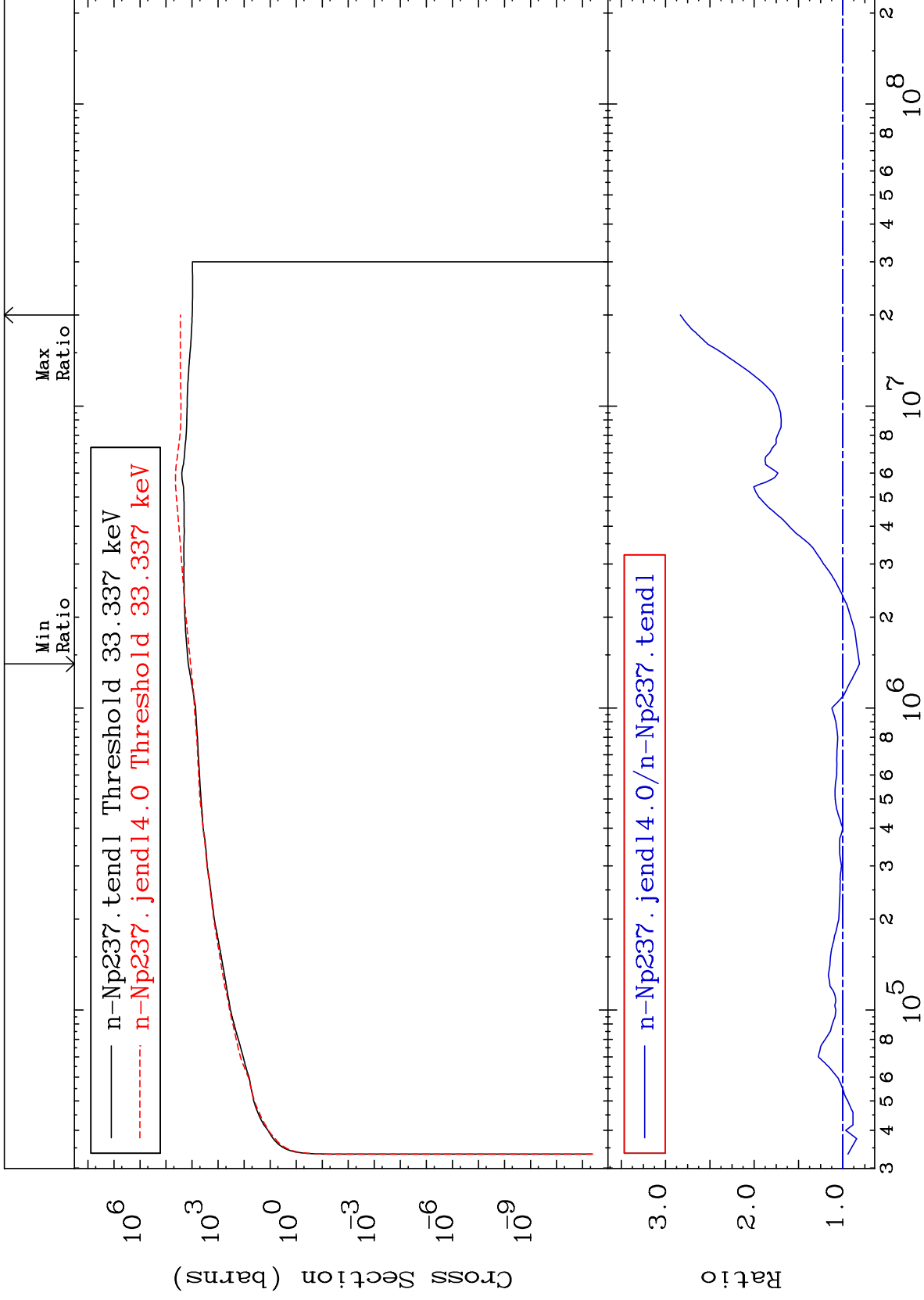
93-Np-237











MAT 9346

Dpa disappearance (mt102 -120)
Cross Section

93-Np-237
-100.0 To 5234. %

