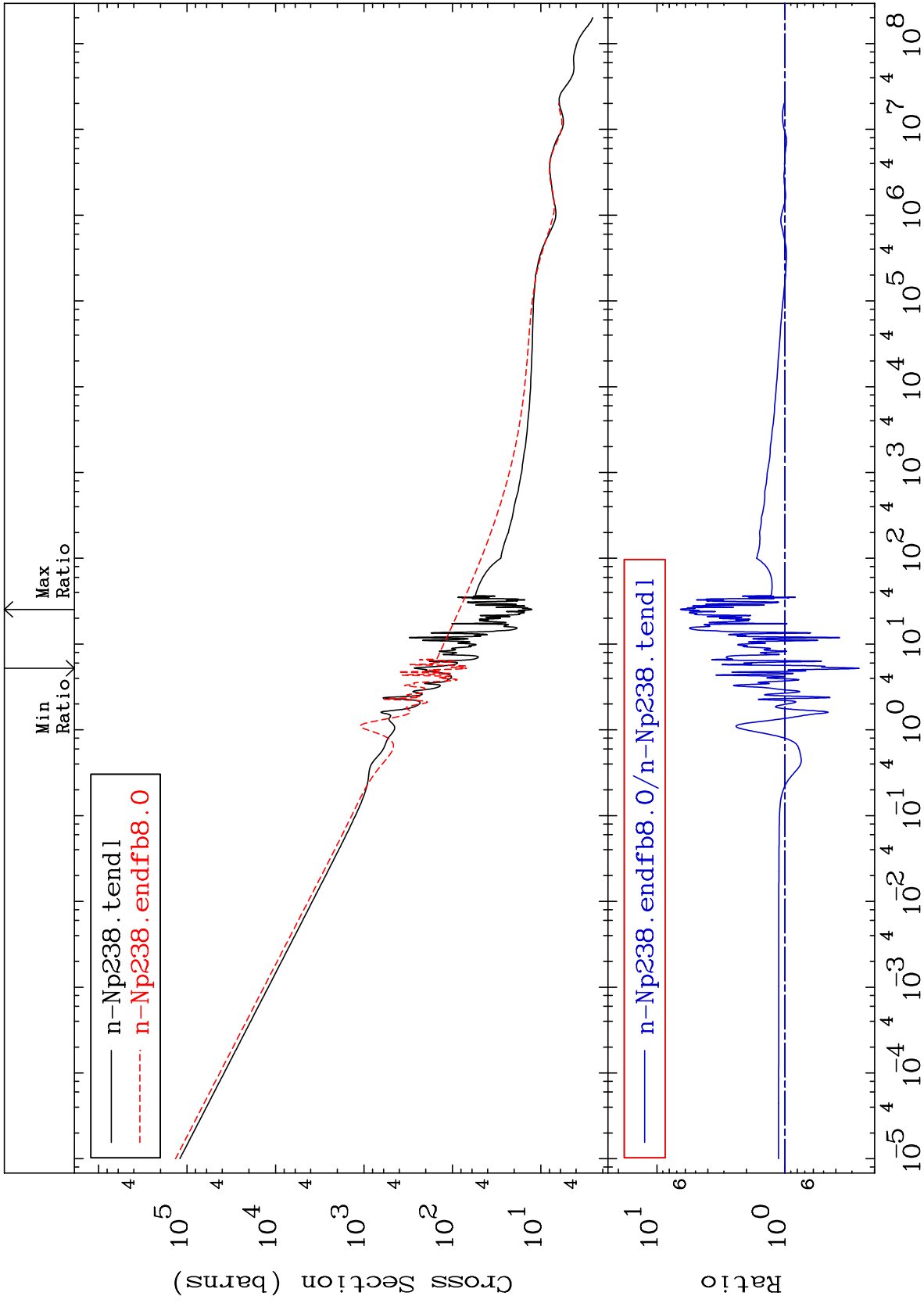


MAT 9349

Total Cross Section
93-Np-238
-73.82 To 556.2 %



Incident Energy (eV)

93-Np-238

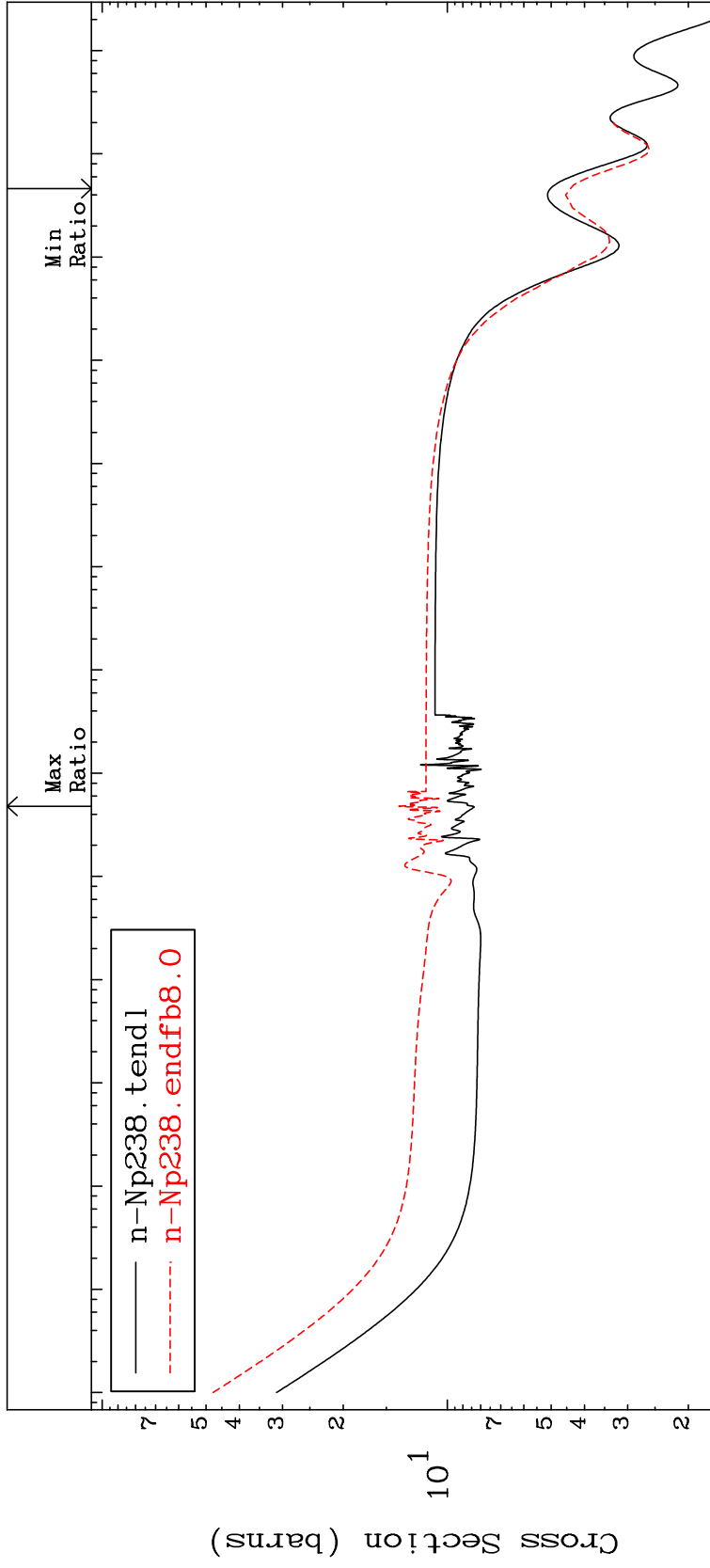
MAT 9349

Elastic

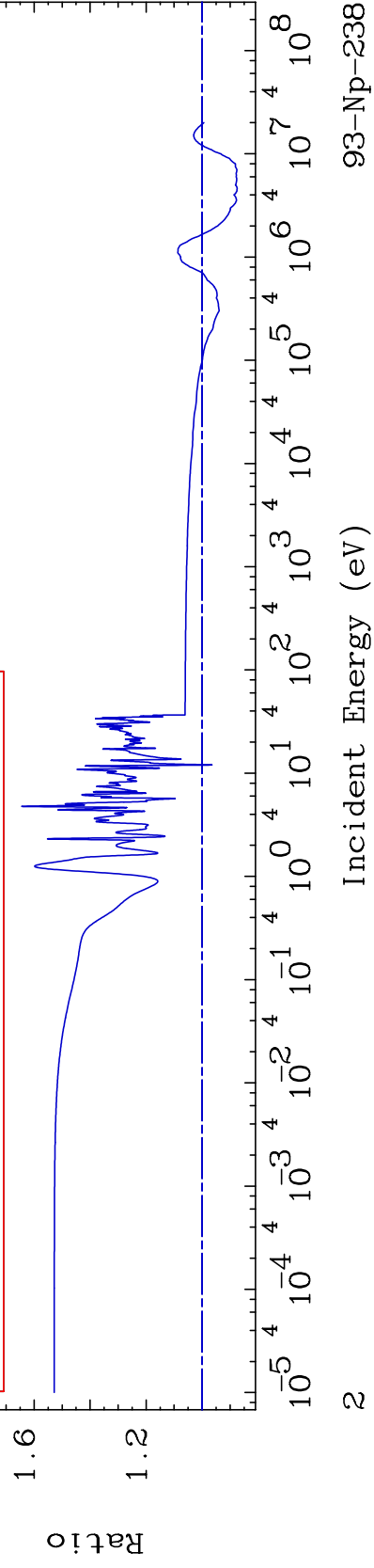
93-Np-238

Cross Section

-12.51 To 64.35 %



n-Np238.endfb8.0/n-Np238.tendl

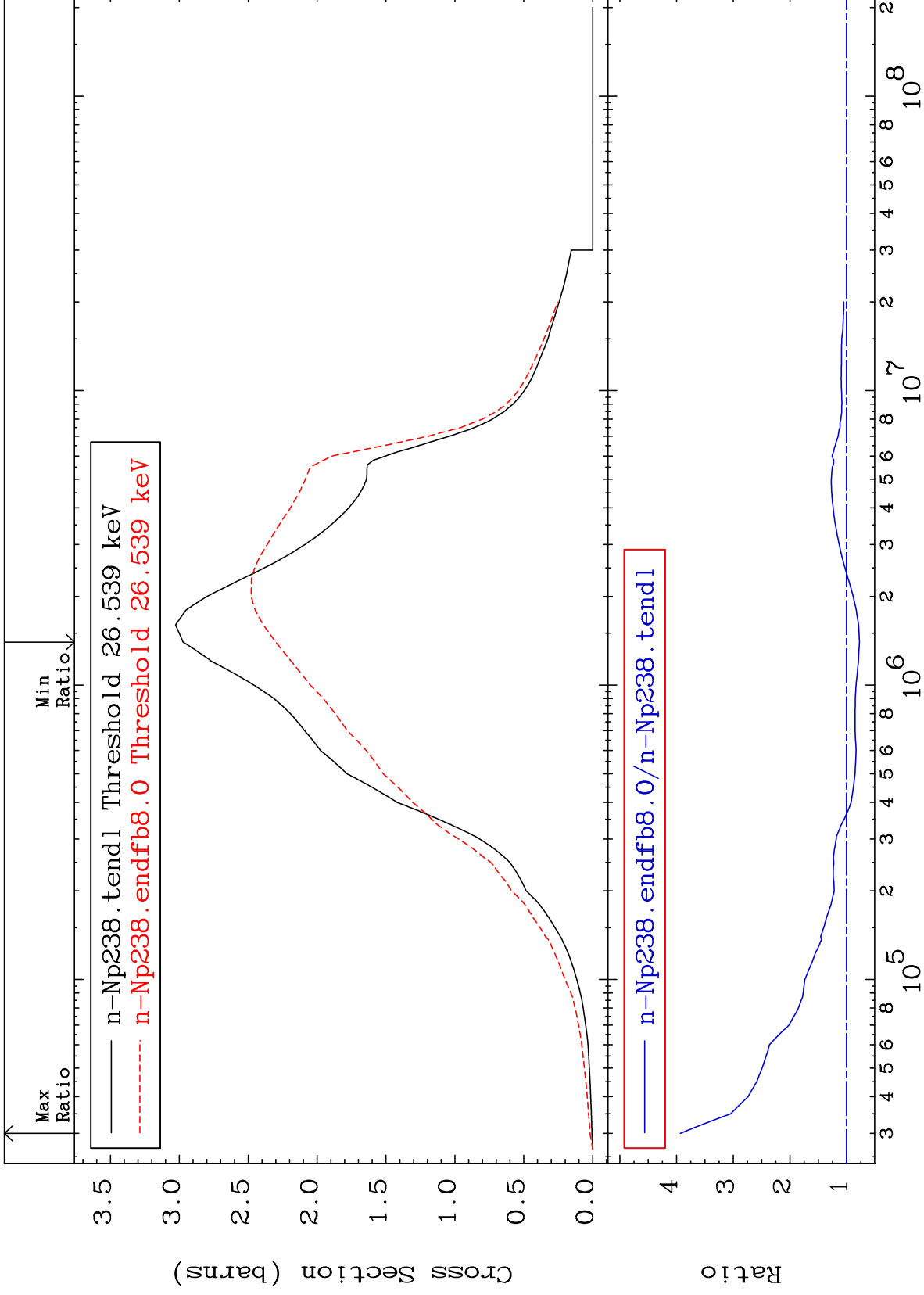


93-Np-238

MAT 9349

Inelastic
Cross Section

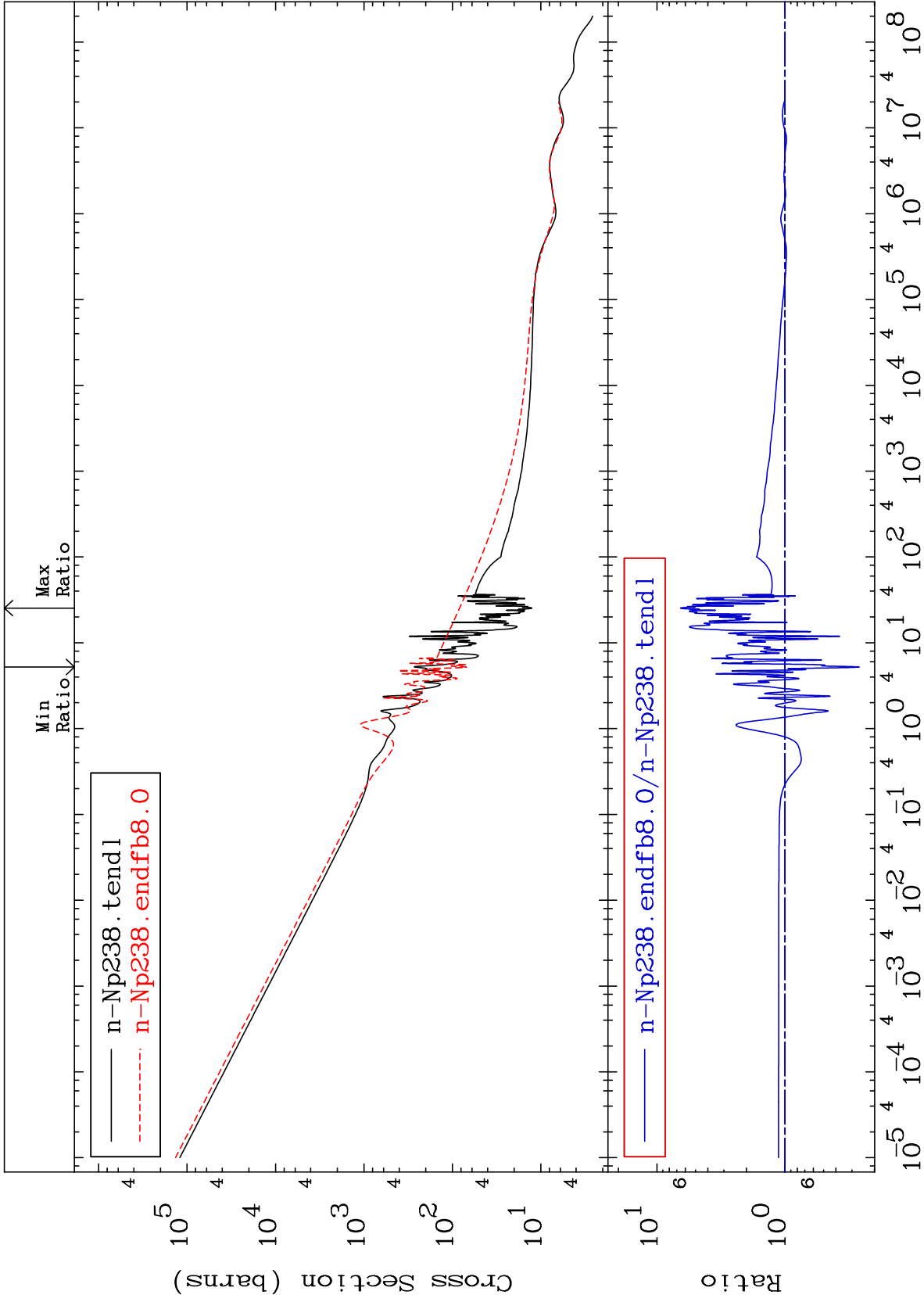
93-Np-238
-22.61 To 293.2 %



MAT 9349

Total
Cross Section

93-Np-238
-73.82 To 556.2 %



Incident Energy (eV)

93-Np-238

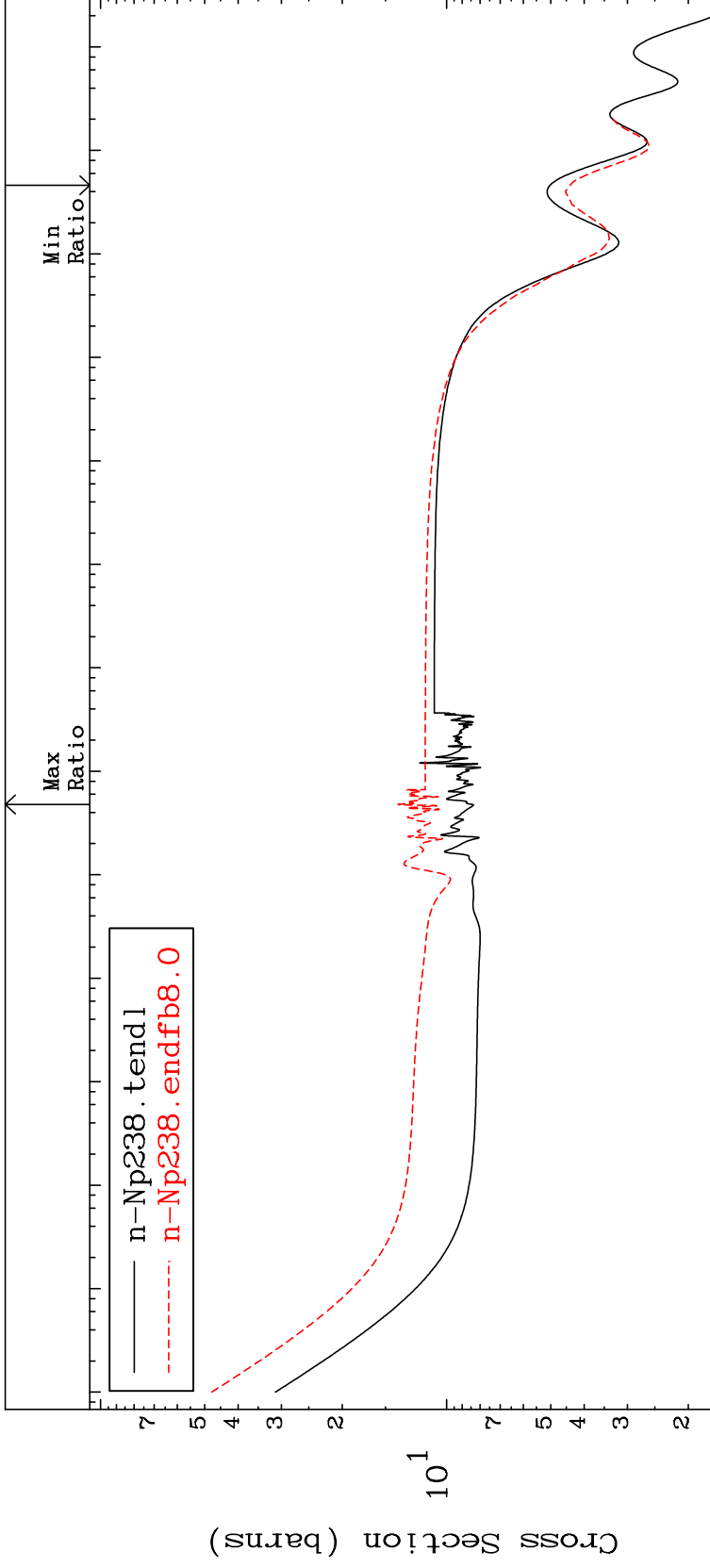
MAT 9349

Elastic

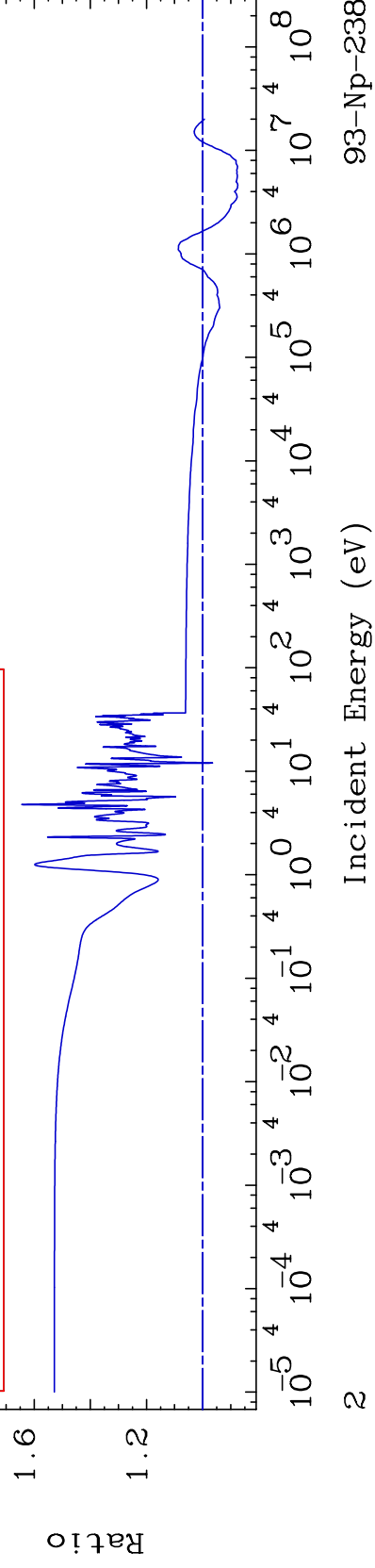
93-Np-238

Cross Section

-12.51 To 64.35 %



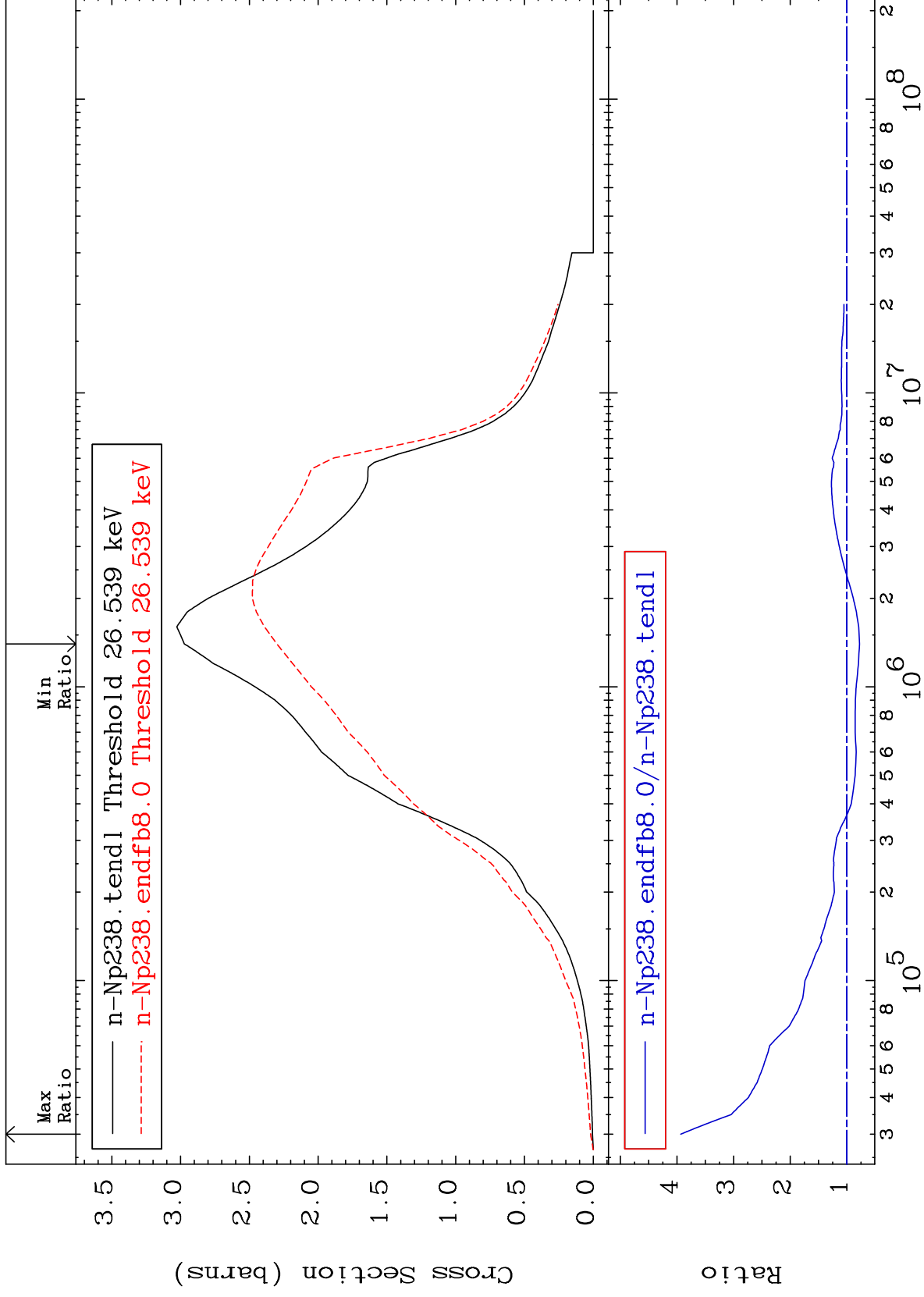
n-Np238.endfb8.0/n-Np238.tendl



MAT 9349

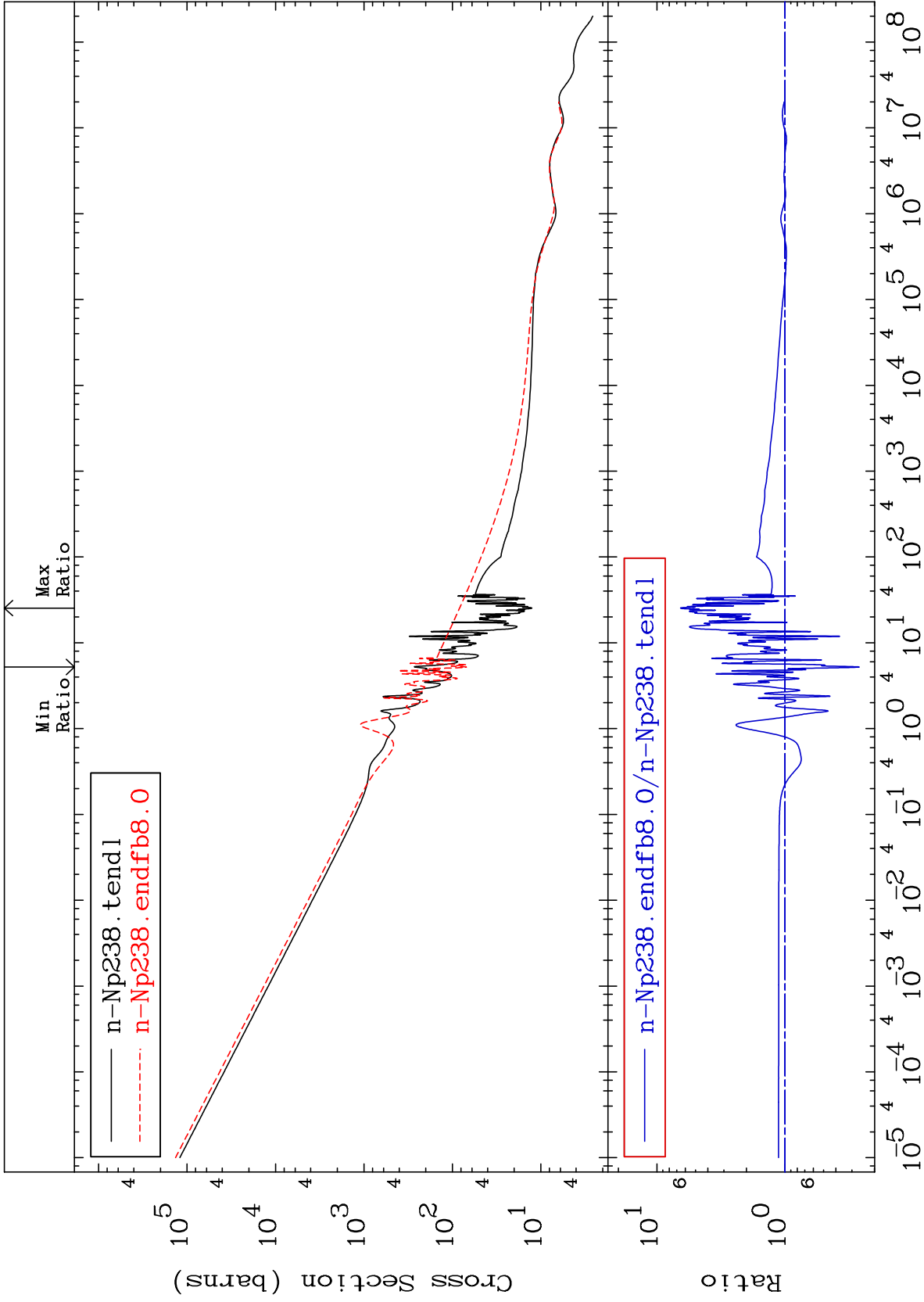
Inelastic
Cross Section

93-Np-238
-22.61 To 293.2 %



MAT 9349

Total Cross Section
93-Np-238
-73.82 To 556.2 %



93-Np-238

Incident Energy (eV)

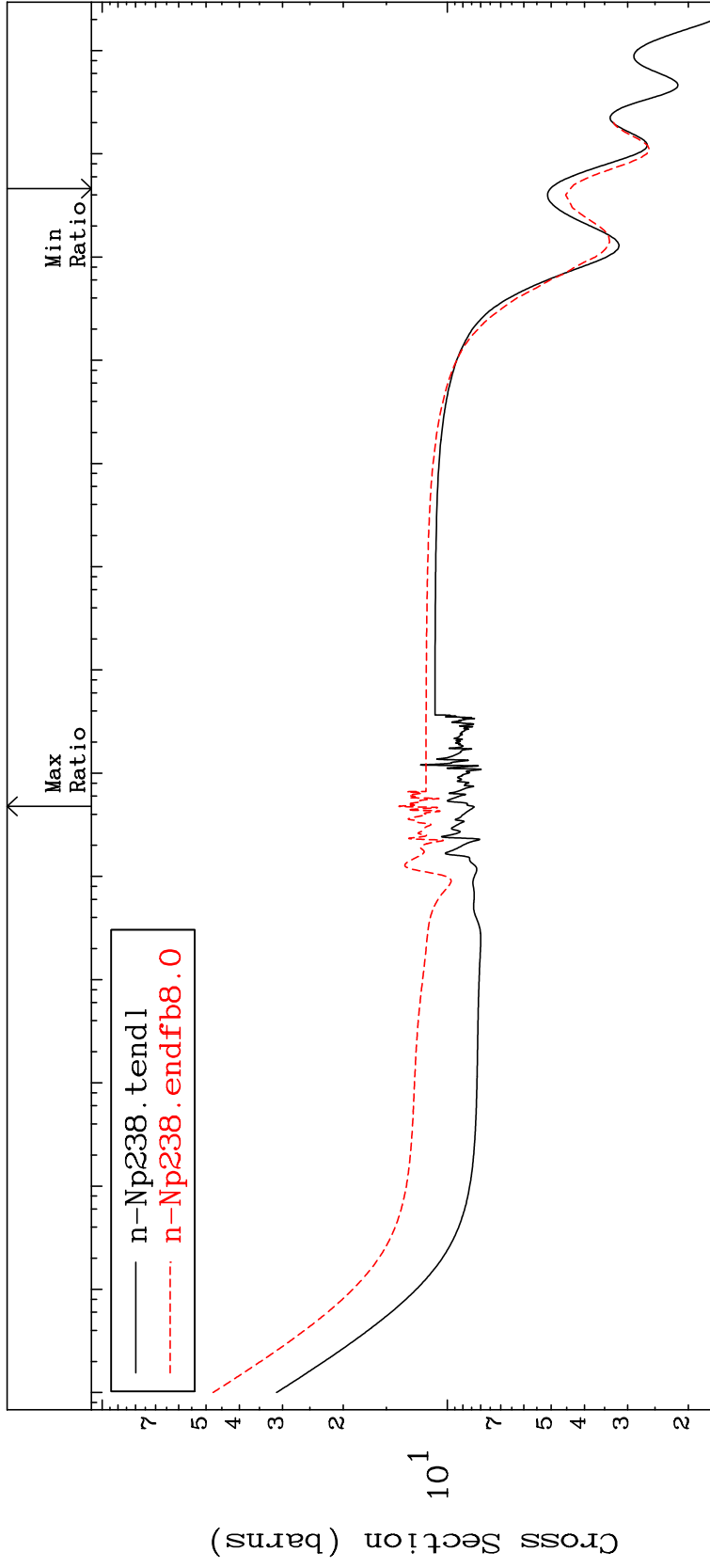
MAT 9349

Elastic

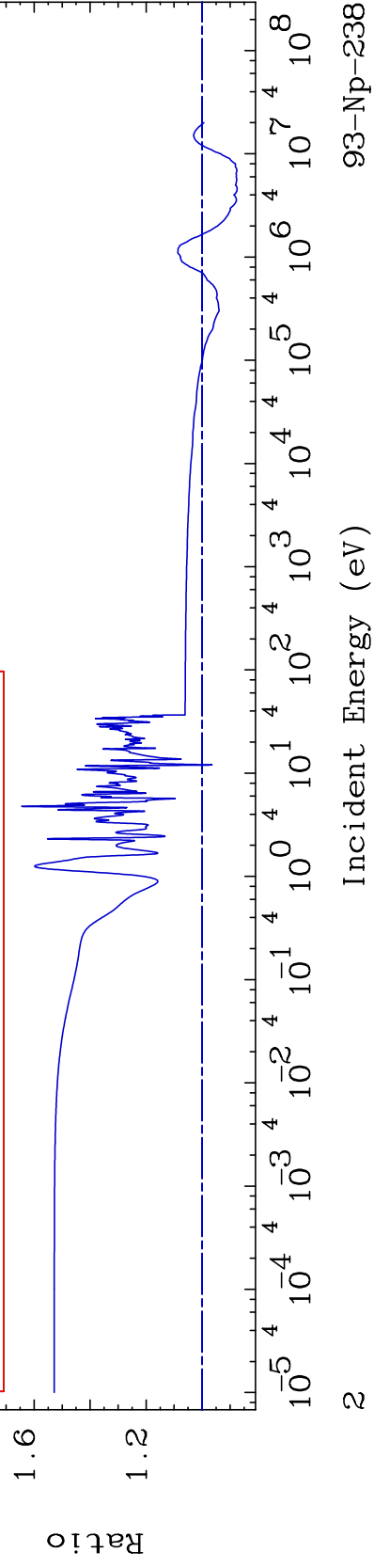
93-Np-238

Cross Section

-12.51 To 64.35 %



n-Np238.endfb8.0/n-Np238.tendl

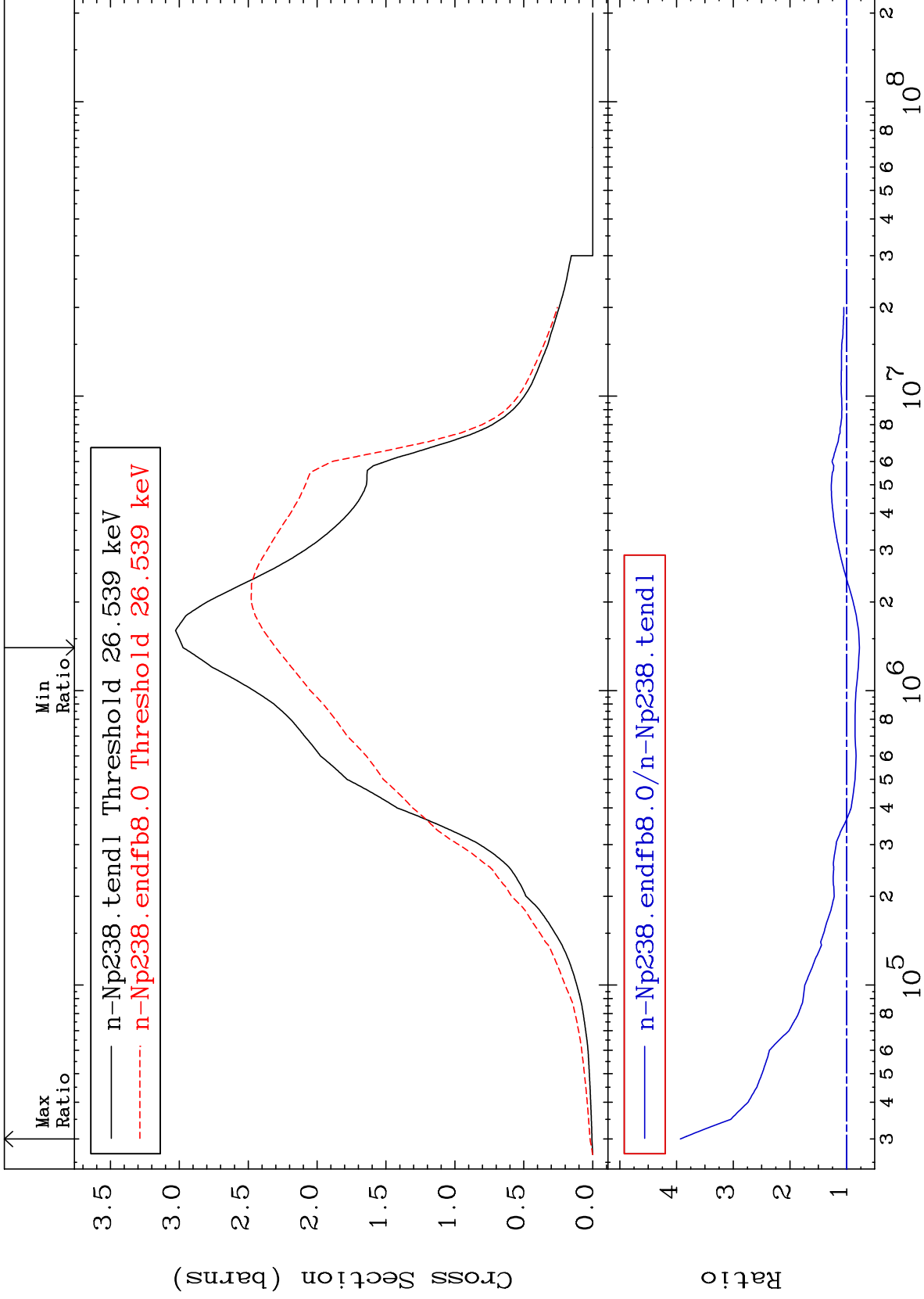


93-Np-238

MAT 9349

Inelastic
Cross Section

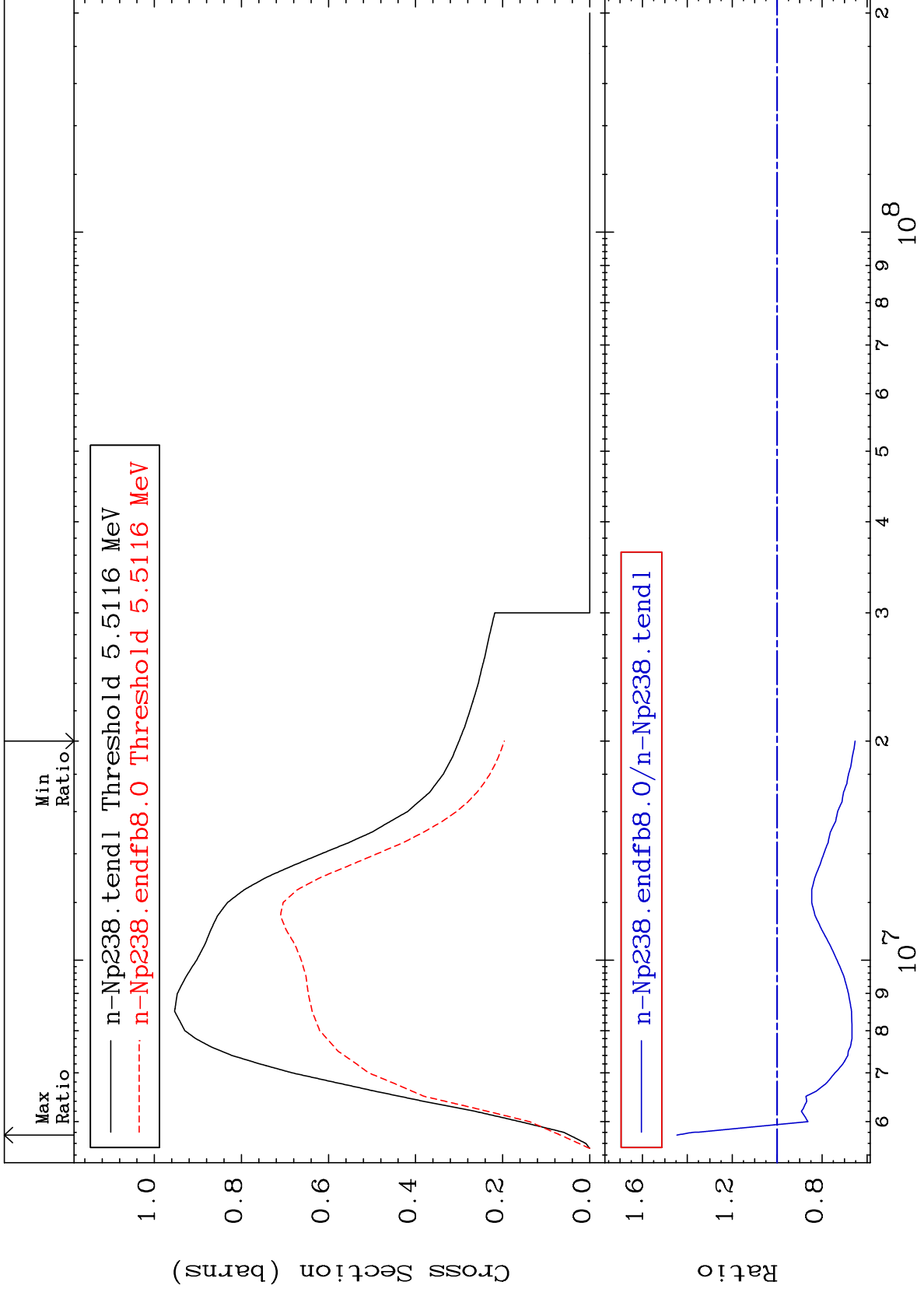
93-Np-238
-22.61 To 293.2 %



MAT 9349

(n,2n)
Cross Section

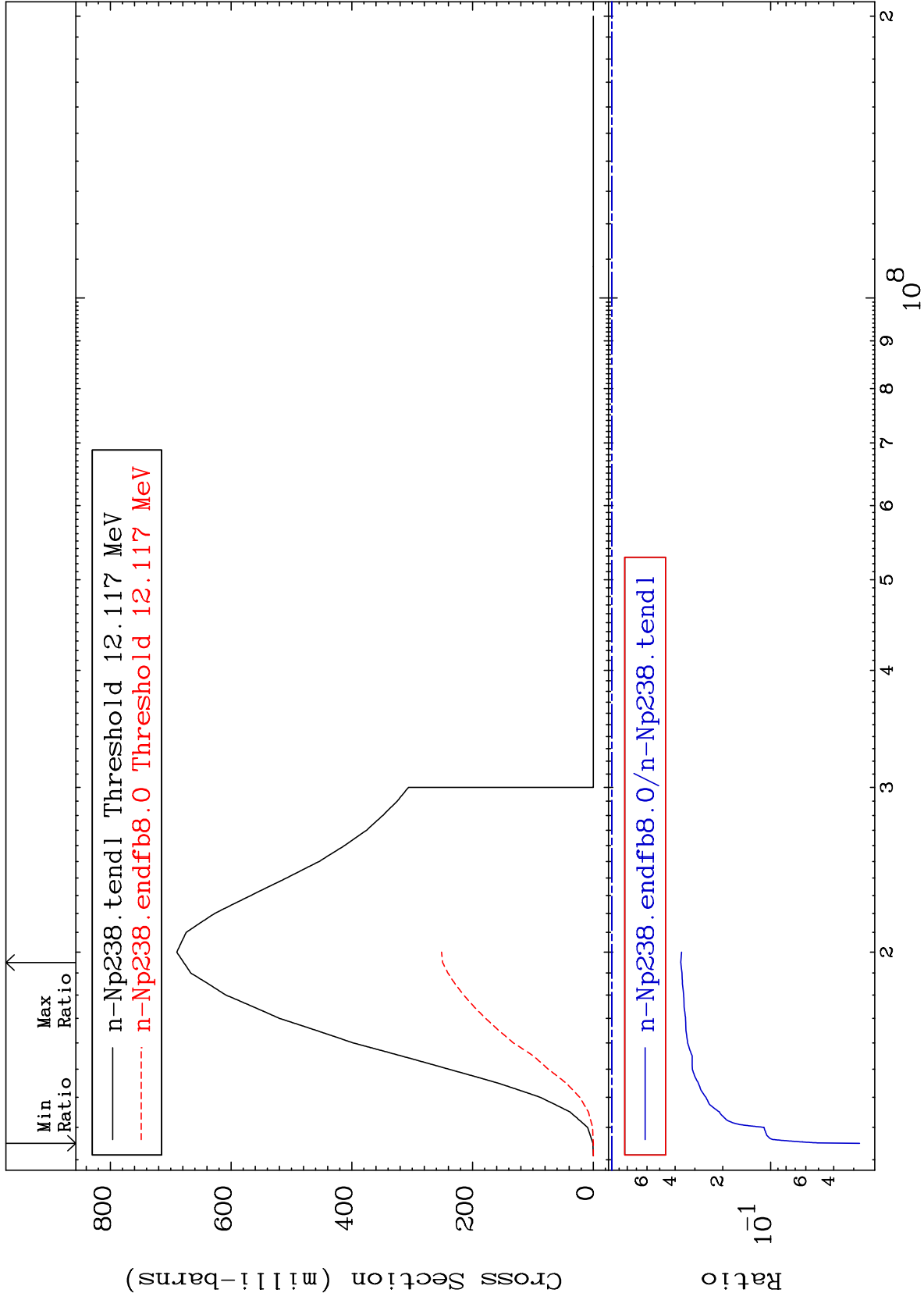
93-Np-238
-34.68 To 44.63 %



MAT 9349

(n, 3n)
Cross Section

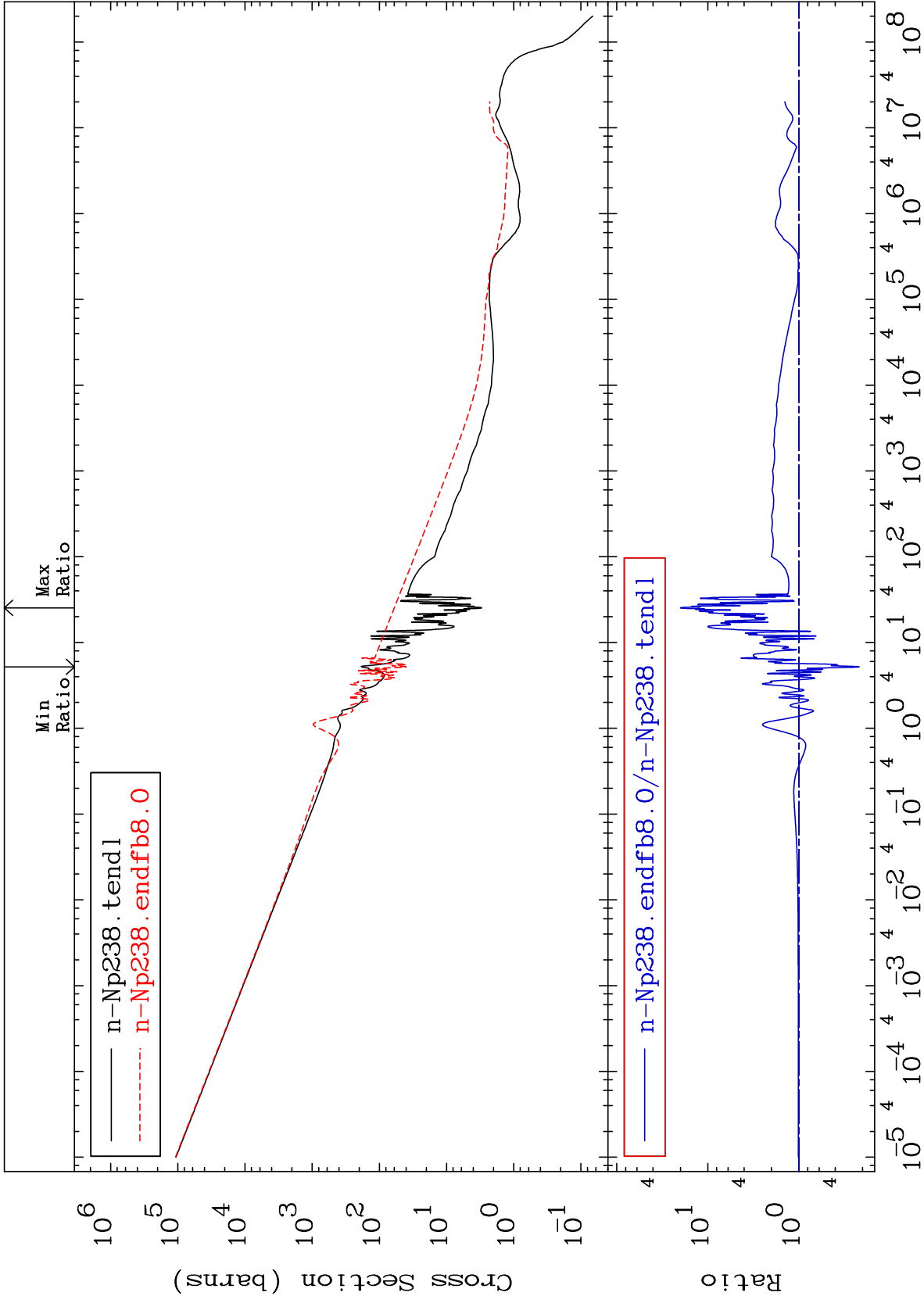
93-Np-238
-97.25 To -63.21%



MAT 9349

Fission Cross Section

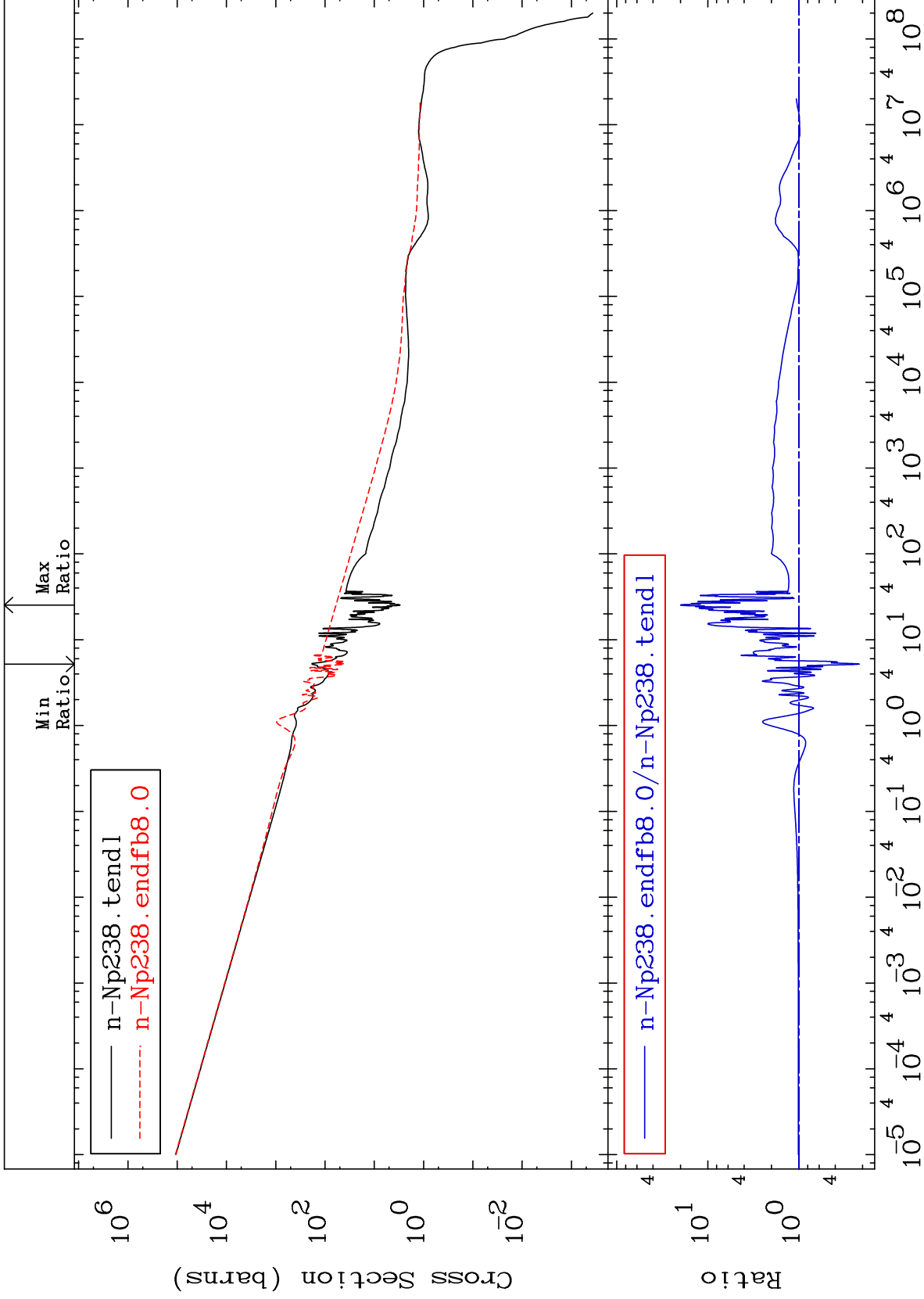
93-Np-238
-78.34 To 1903. %



MAT 9349

(n,f) First Chance
Cross Section

93-Np-238
-78.34 To 1903. %



Incident Energy (eV)

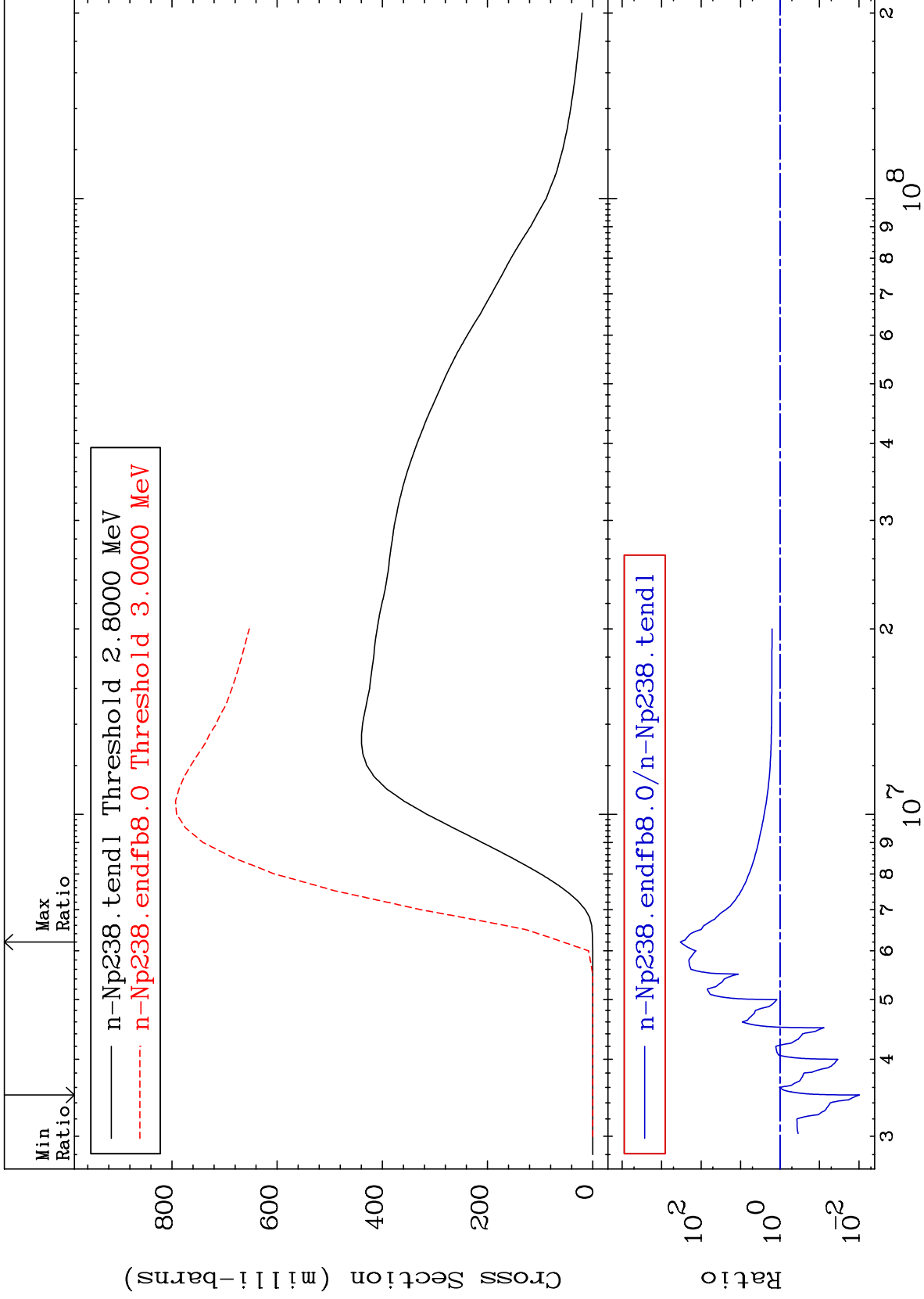
93-Np-238

7

MAT 9349

(n, nf) Second Chance
Cross Section

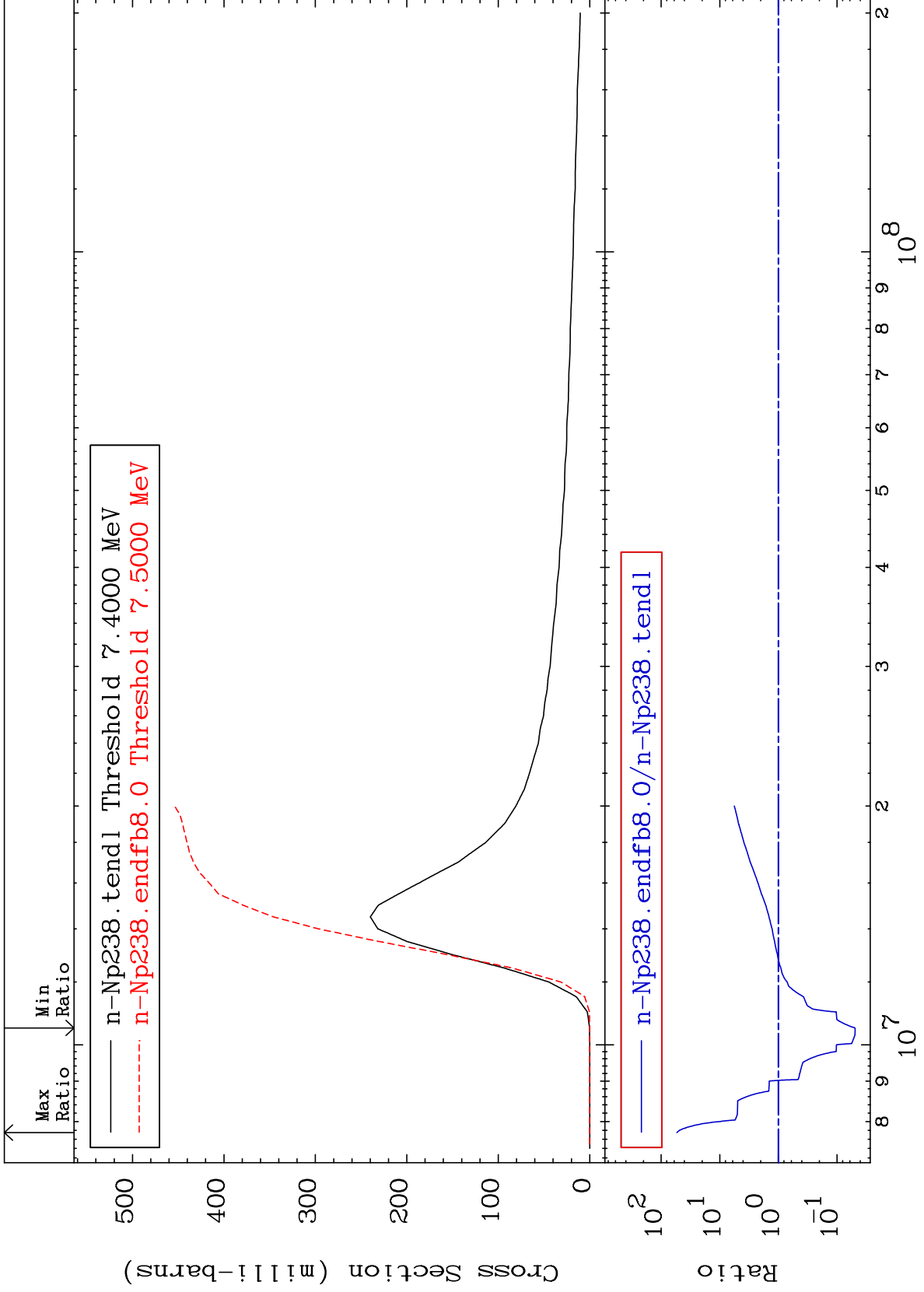
93-Np-238
-99.03 To 9999. %



MAT 9349

(n,2nf) Third Chance
Cross Section

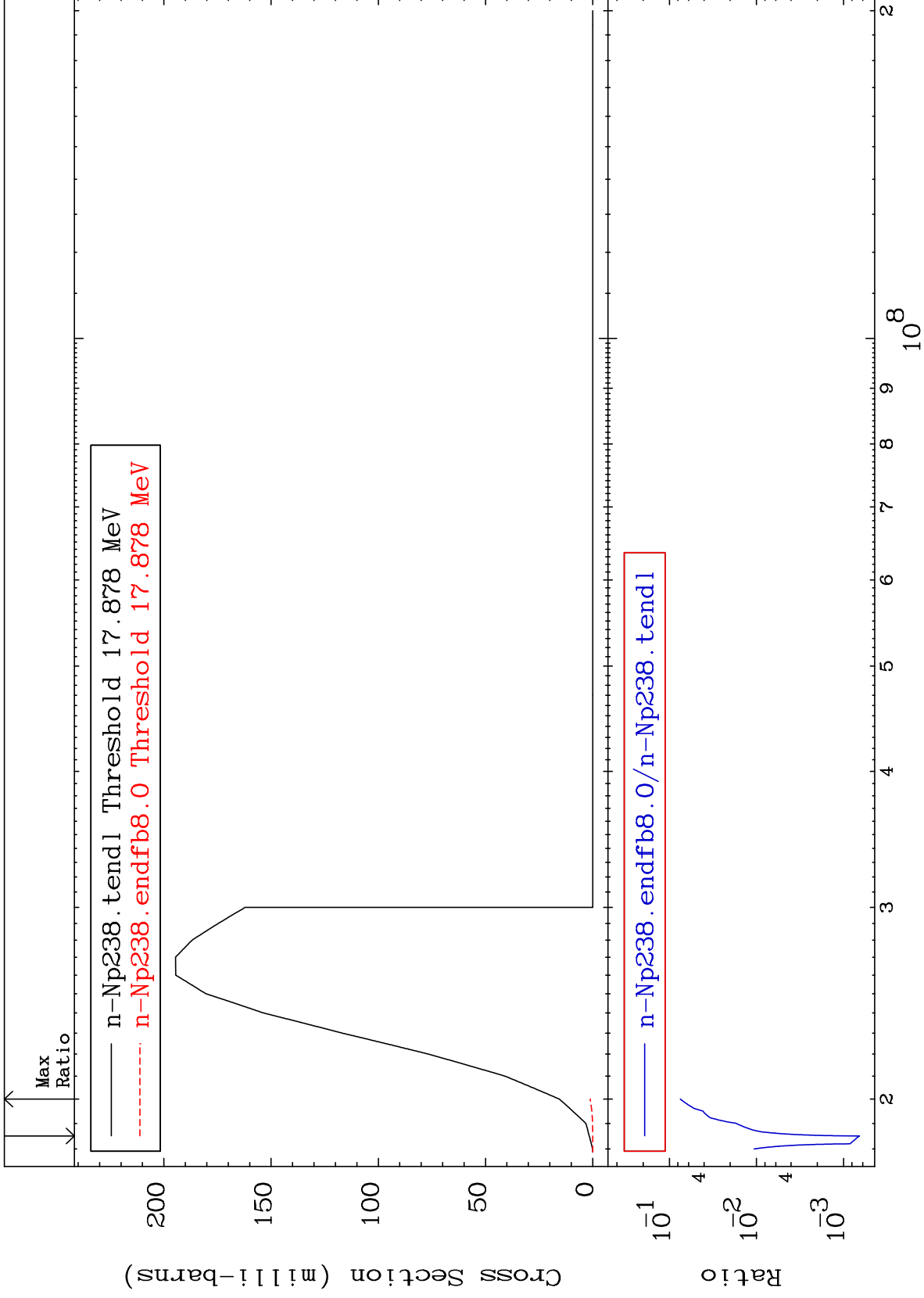
93-Np-238
-95.09 To 5274. %



MAT 9349

(n,4n)
Cross Section

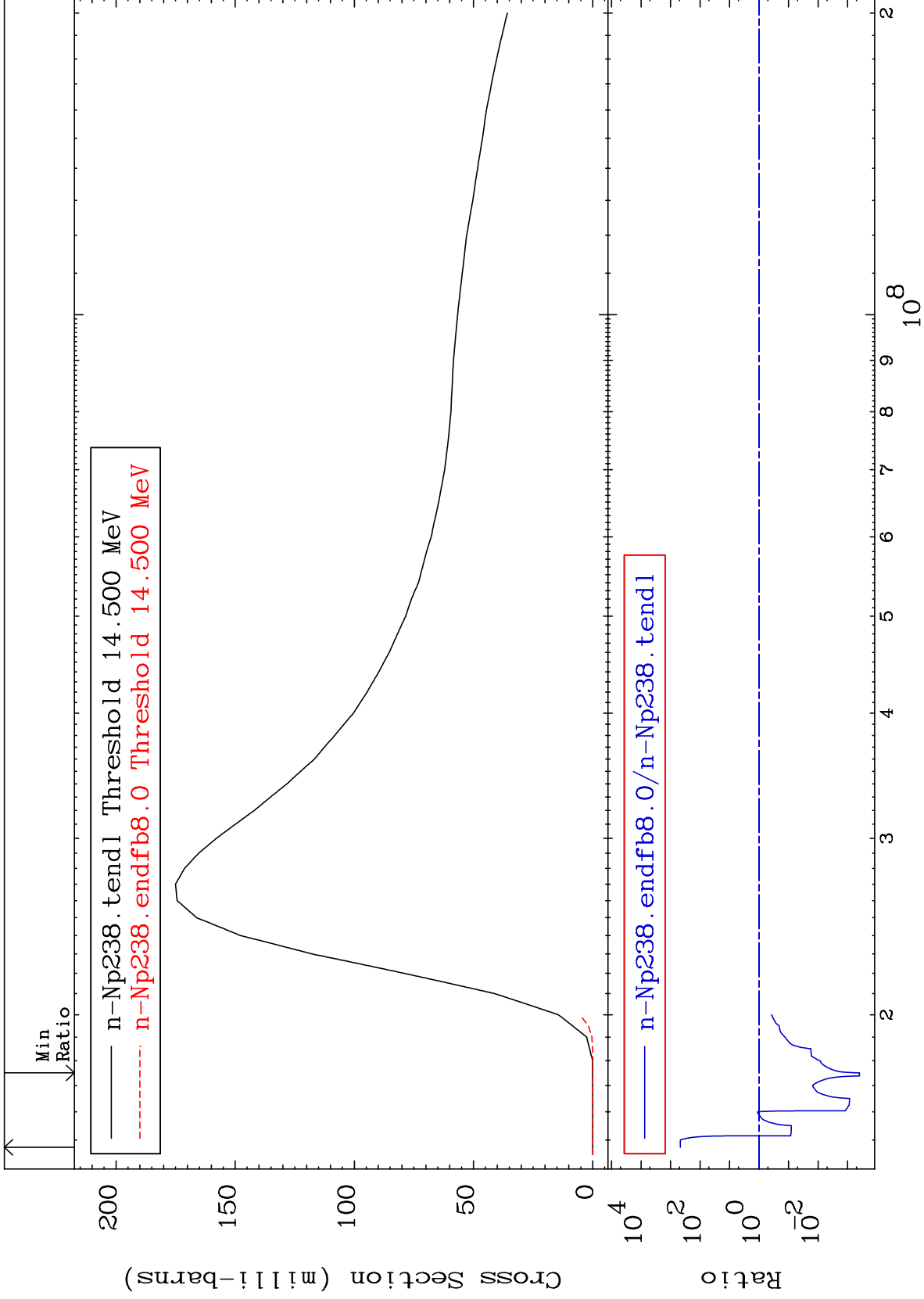
93-Np-238
-99.93 To -92.52%



10

Incident Energy (eV)

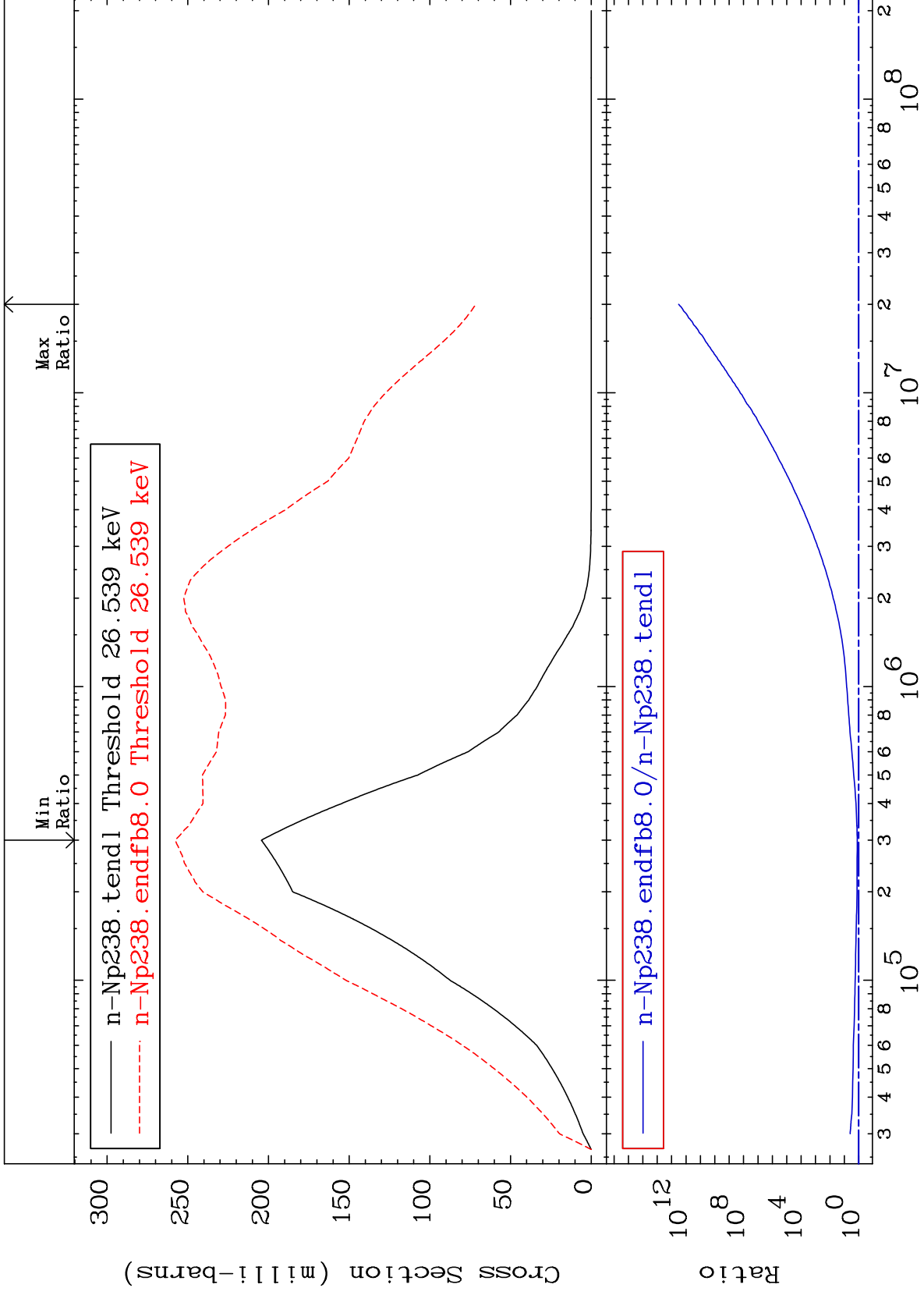
93-Np-238



MAT 9349

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

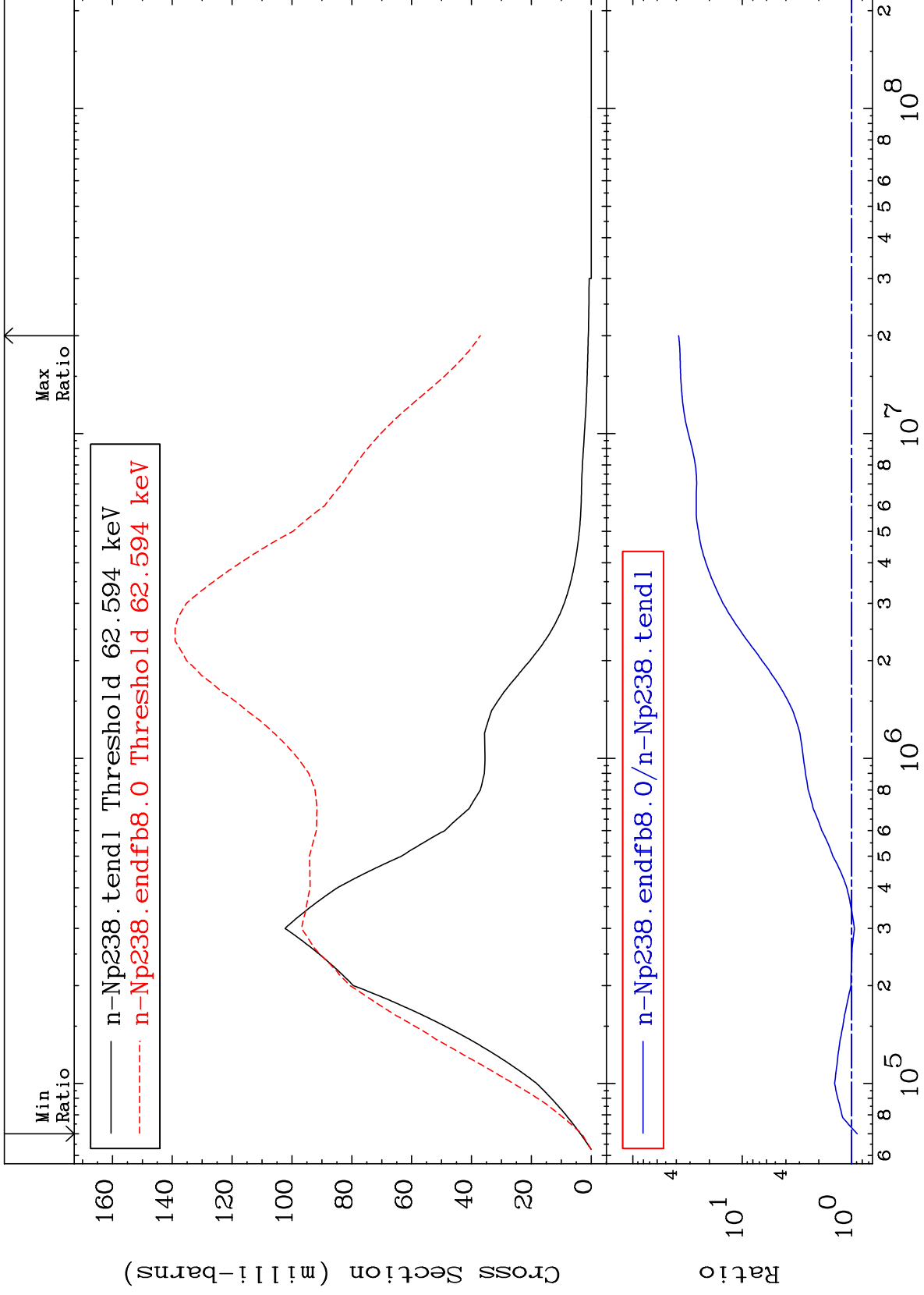
93-Np-238
26.17 To 9999. %



MAT 9349

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

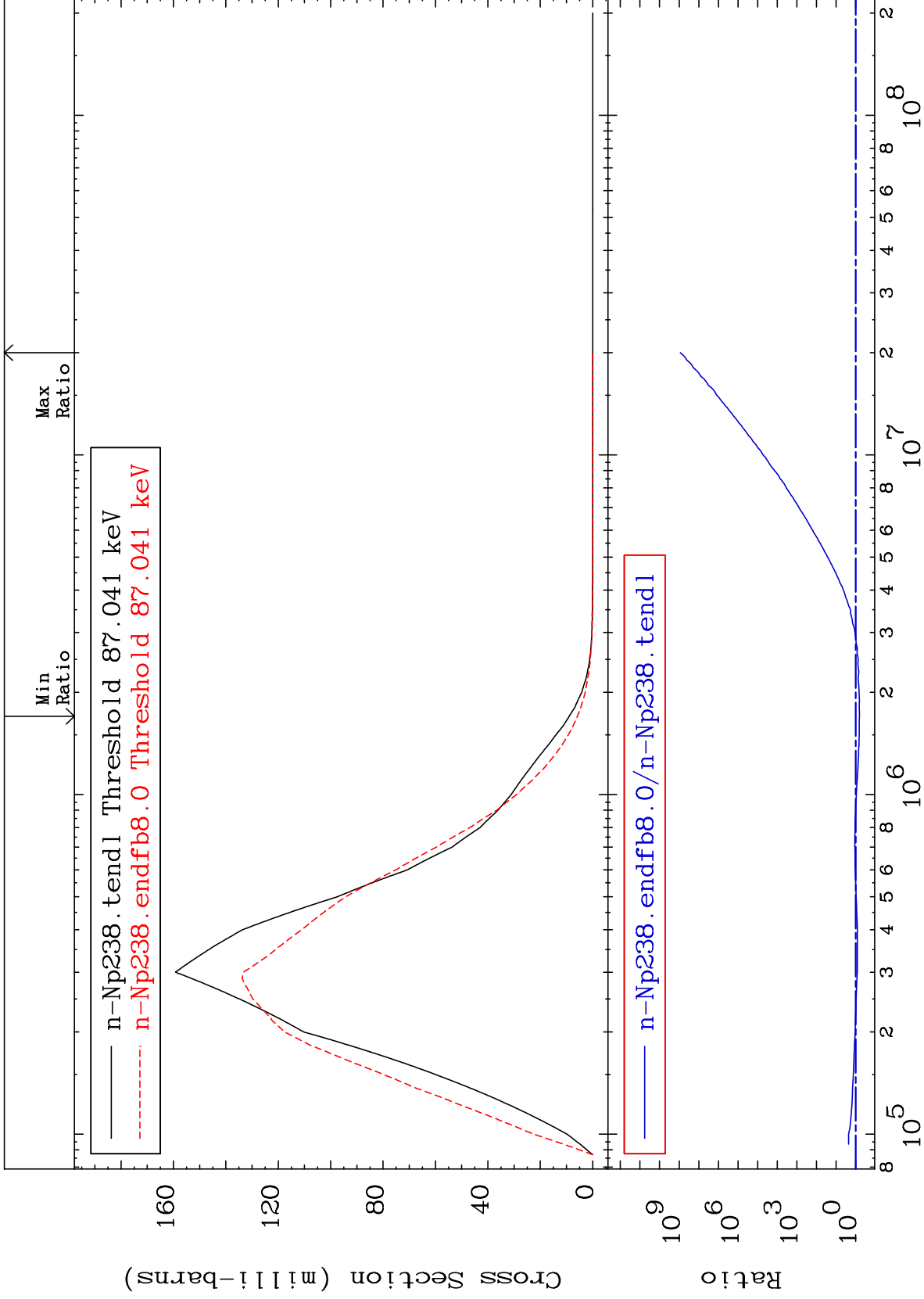
93-Np-238
-11.02 To 3714. %



MAT 9349

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

93-Np-238
-35.12 To 9999. %



14

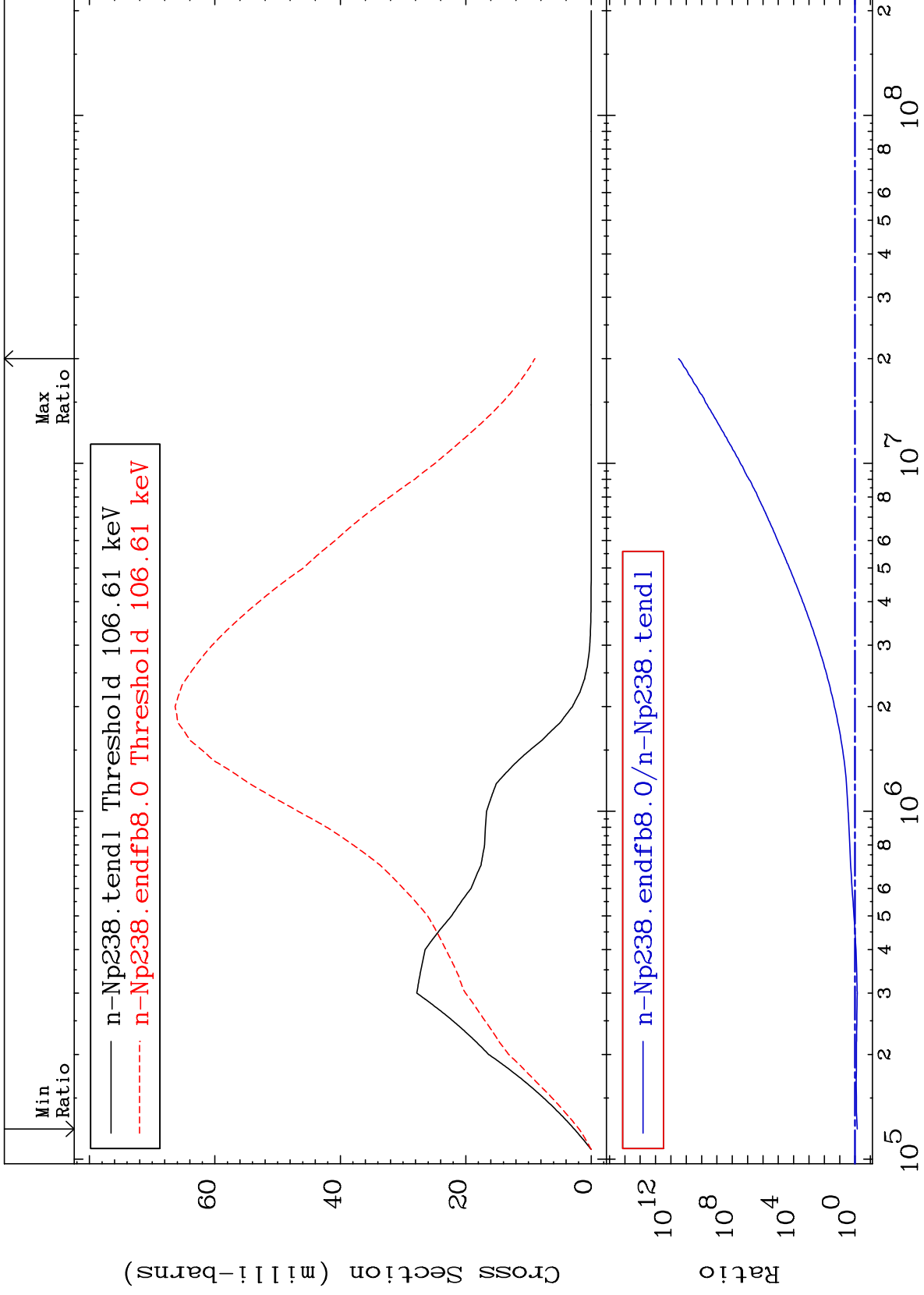
Incident Energy (eV)

93-Np-238

MAT 9349

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

93-Np-238
-28.39 To 9999. %



15

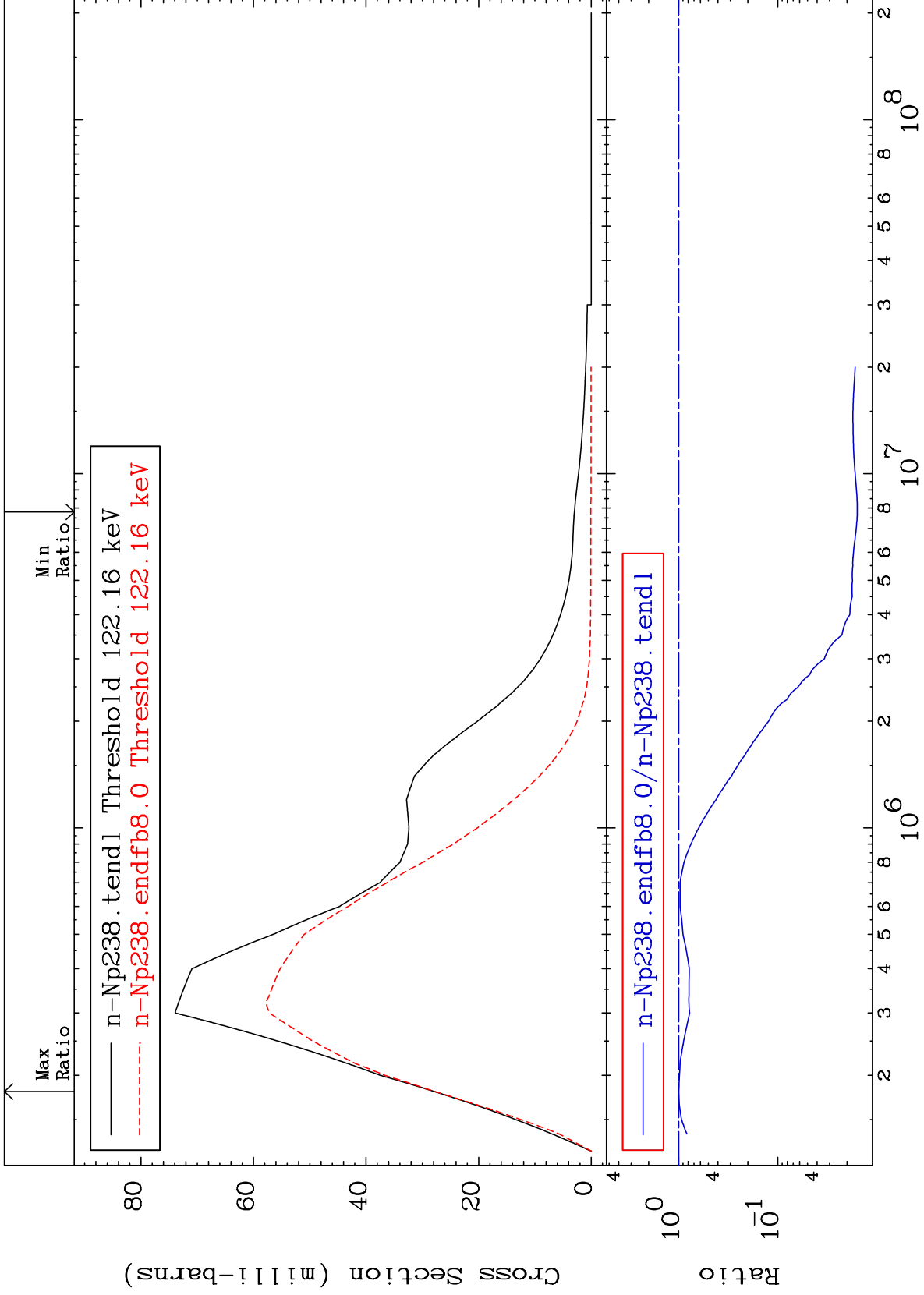
Incident Energy (eV)

93-Np-238

MAT 9349

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

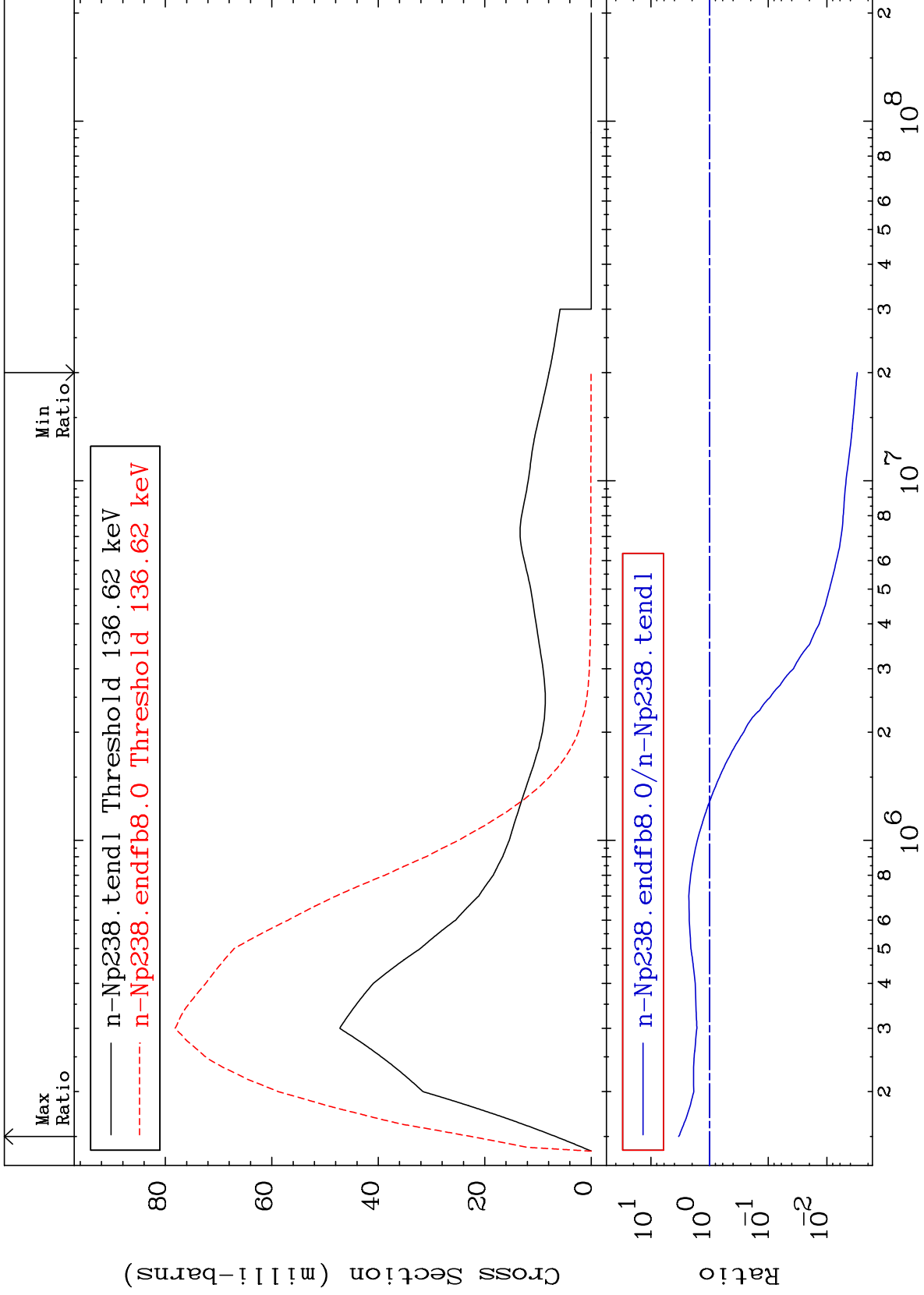
93-Np-238
-98.42 To -0.289%



MAT 9349

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

93-Np-238
-99.70 To 238.2 %



17

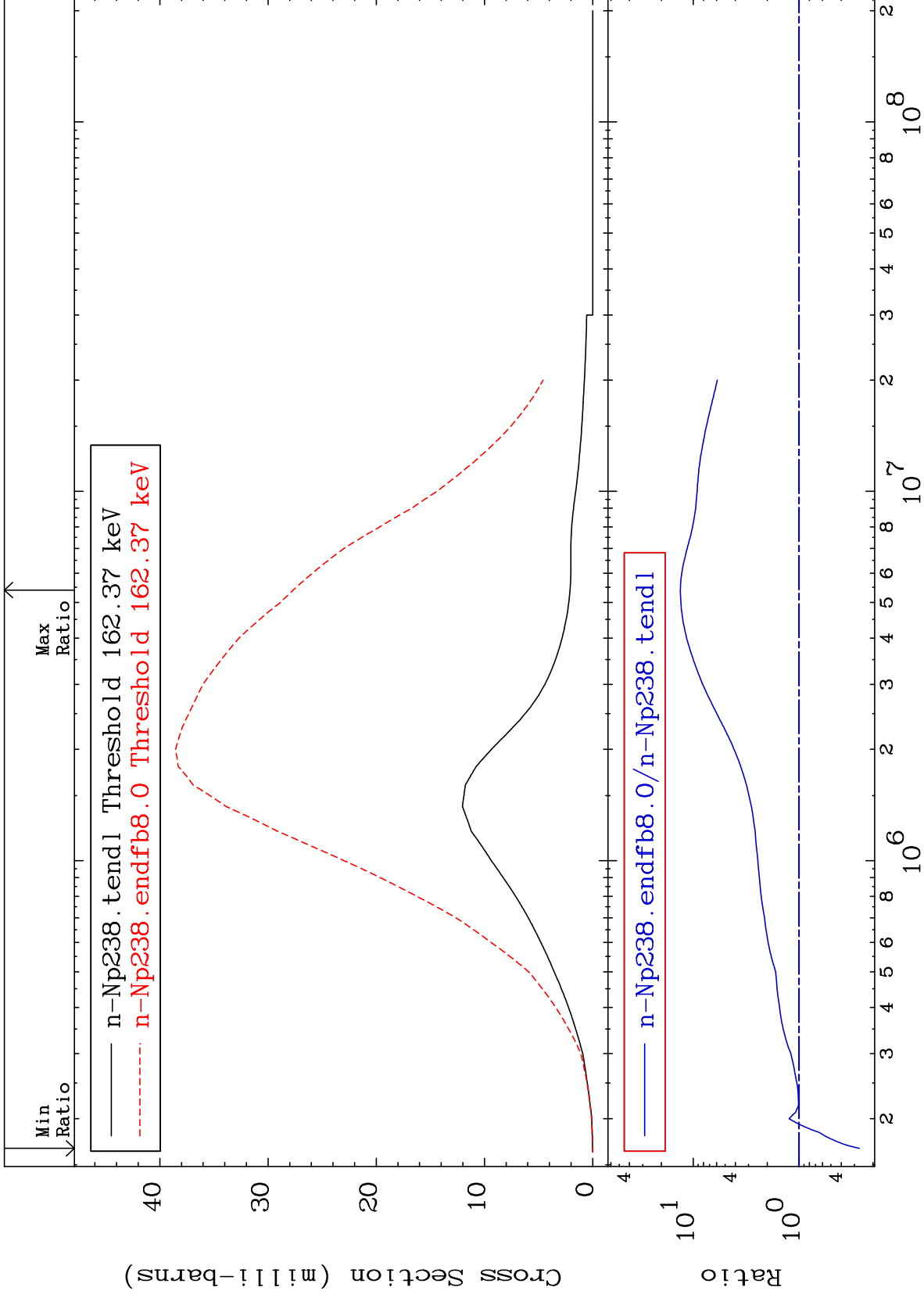
Incident Energy (eV)

93-Np-238

MAT 9349

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

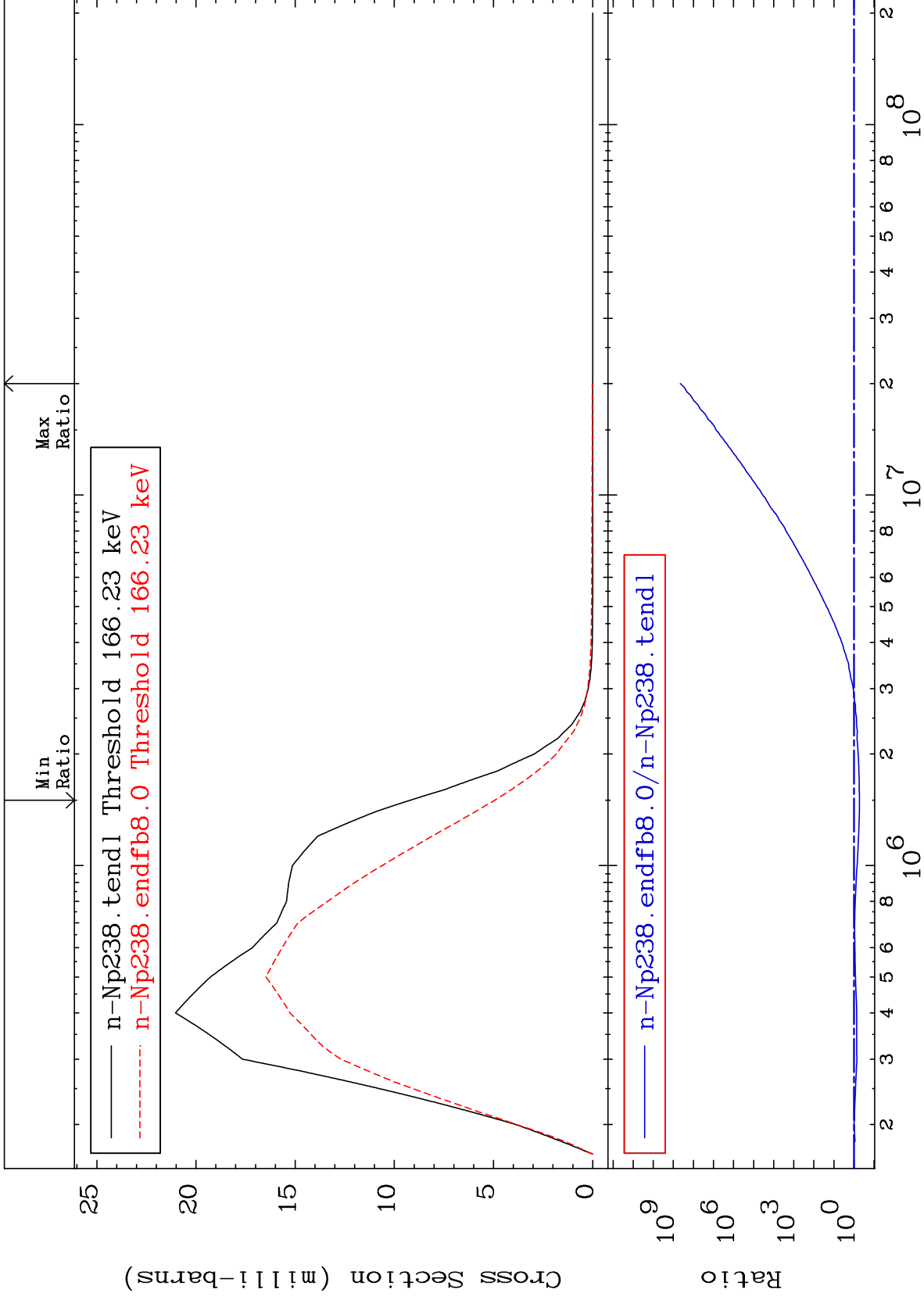
93-Np-238
-73.10 To 1222. %



MAT 9349

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

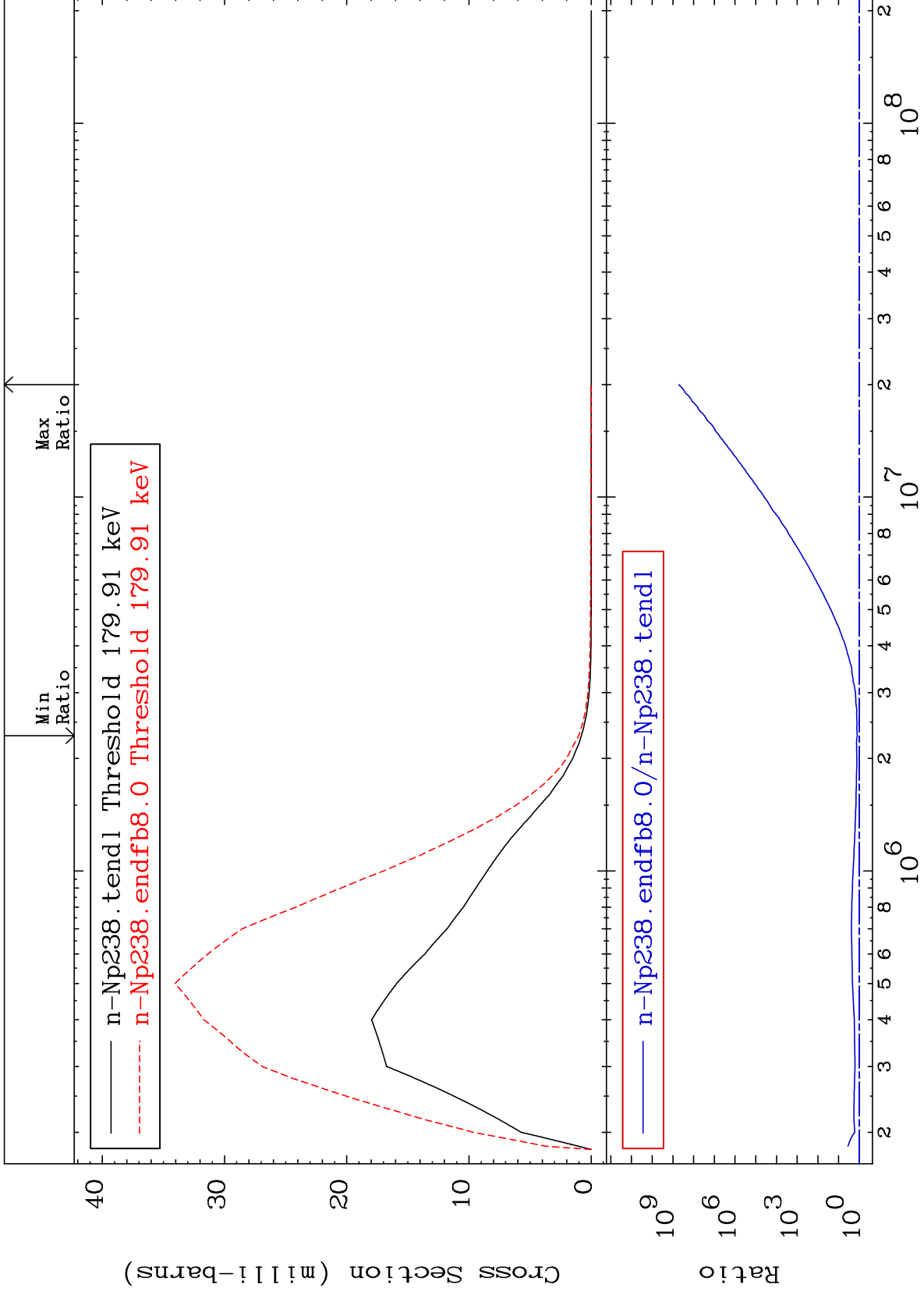
93-Np-238
-46.38 To 9999. %



MAT 9349

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

93-Np-238
26.24 To 9999. %



20

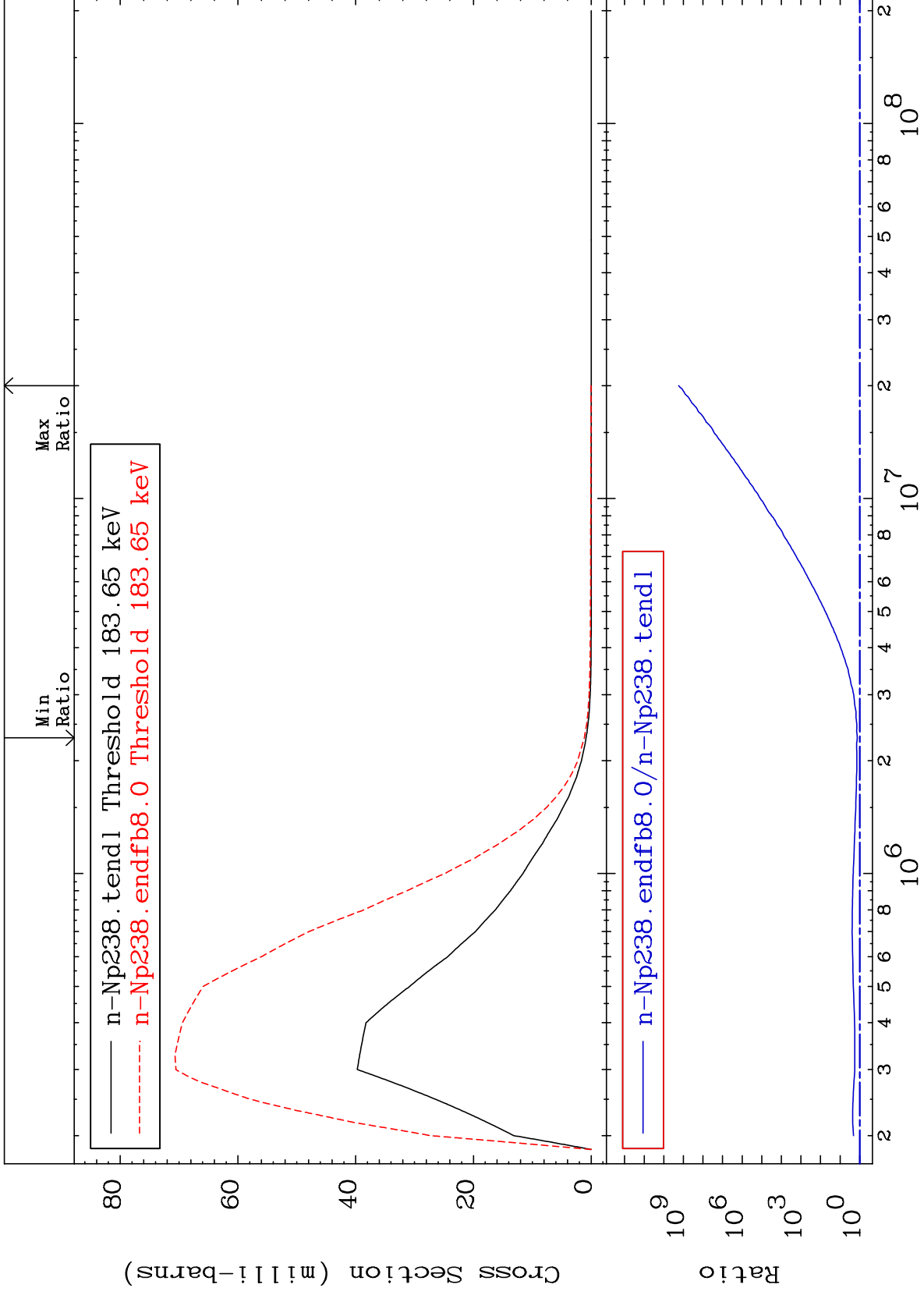
Incident Energy (eV)

93-Np-238

MAT 9349

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

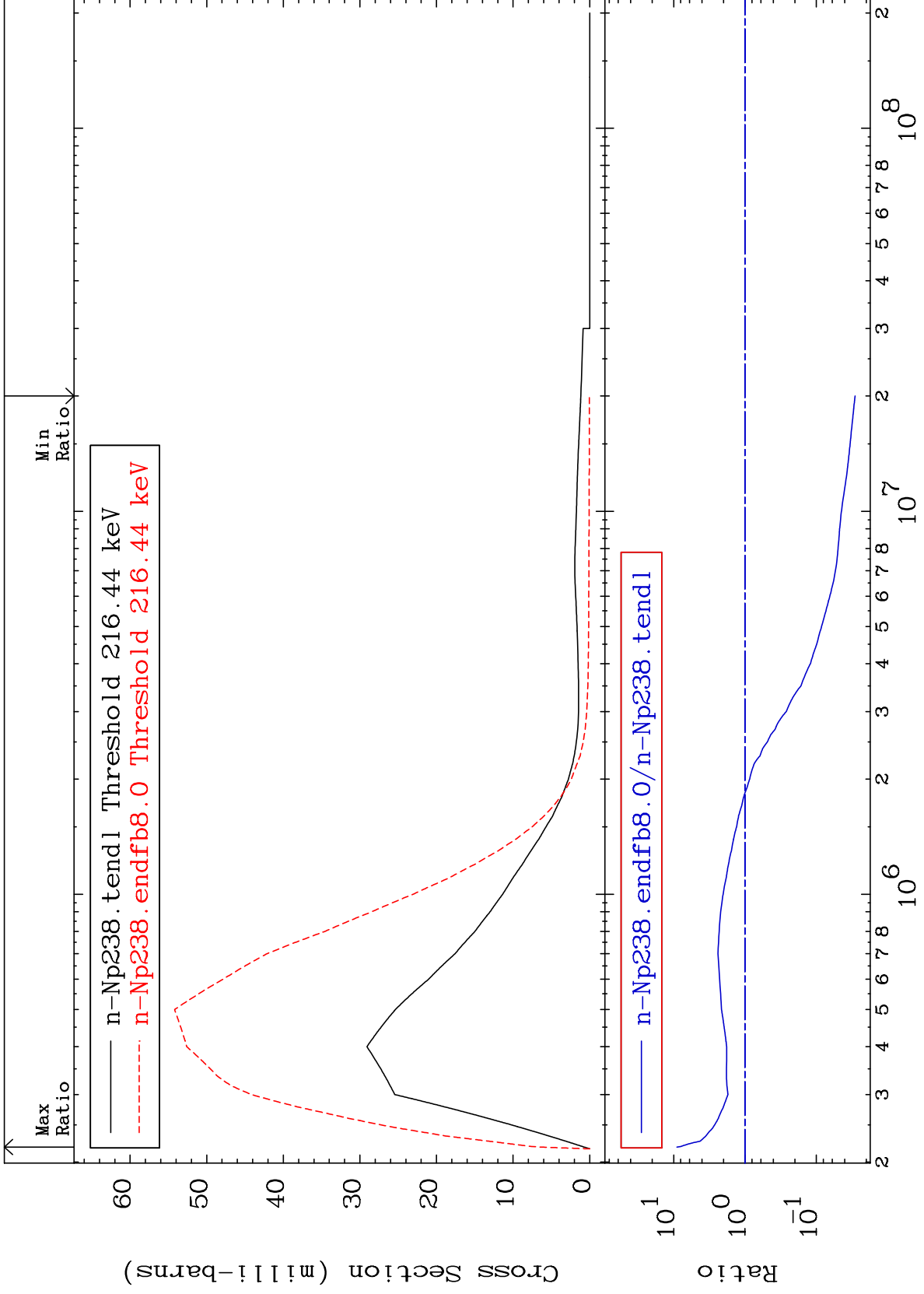
93-Np-238
33.43 To 9999. %



MAT 9349

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

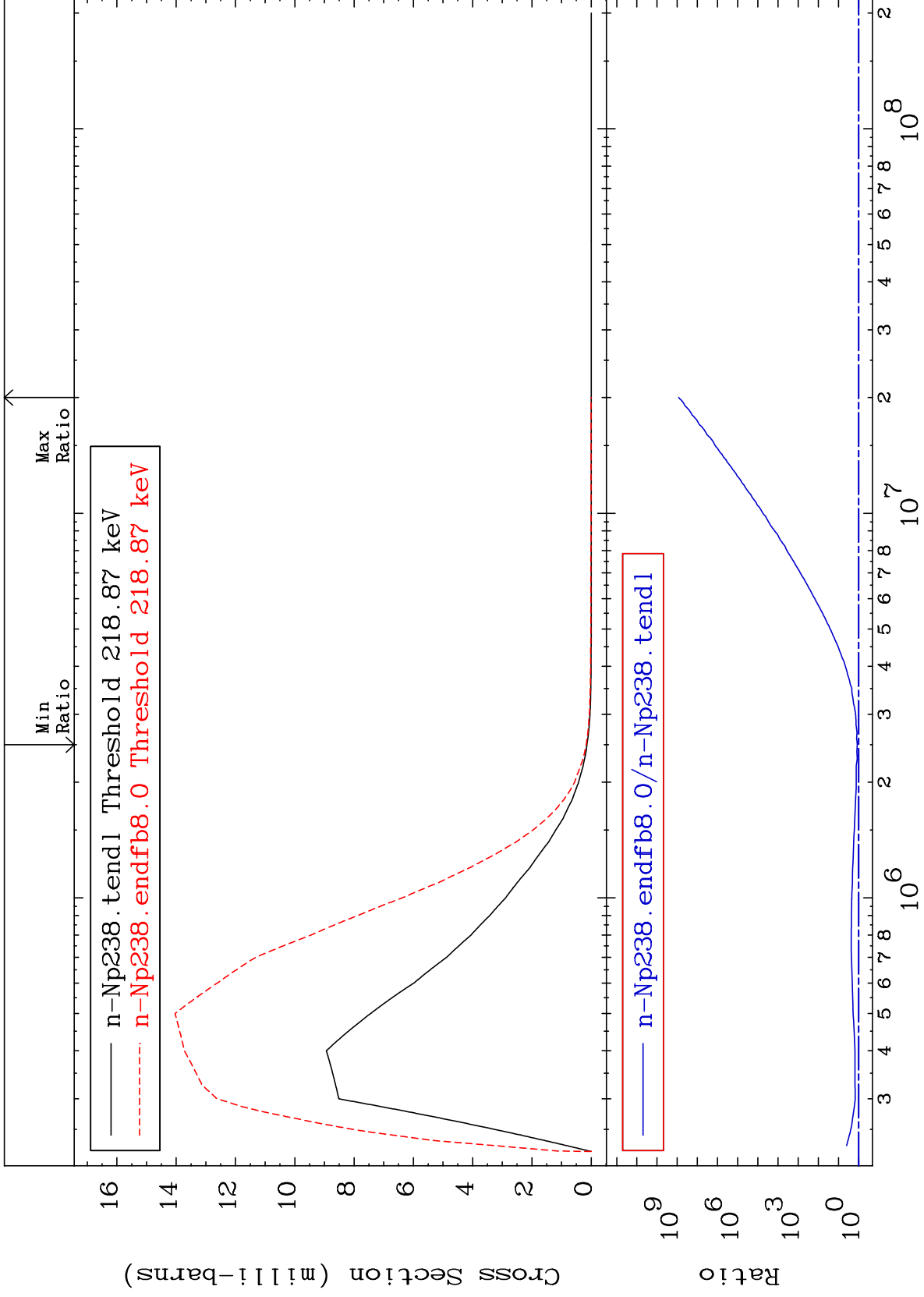
93-Np-238
-97.13 To 800.3 %



MAT 9349

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

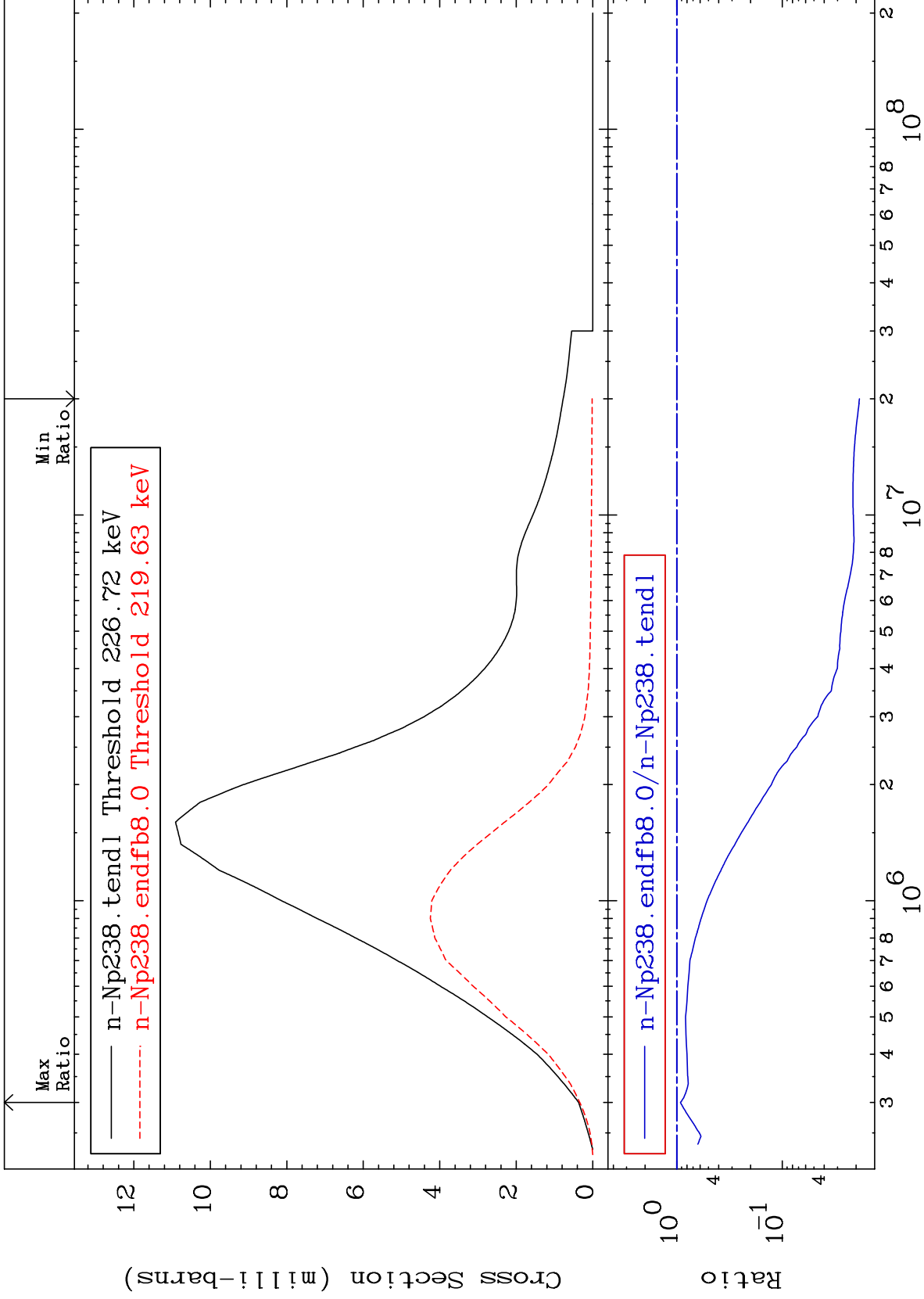
93-Np-238
17.94 To 9999. %



MAT 9349

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

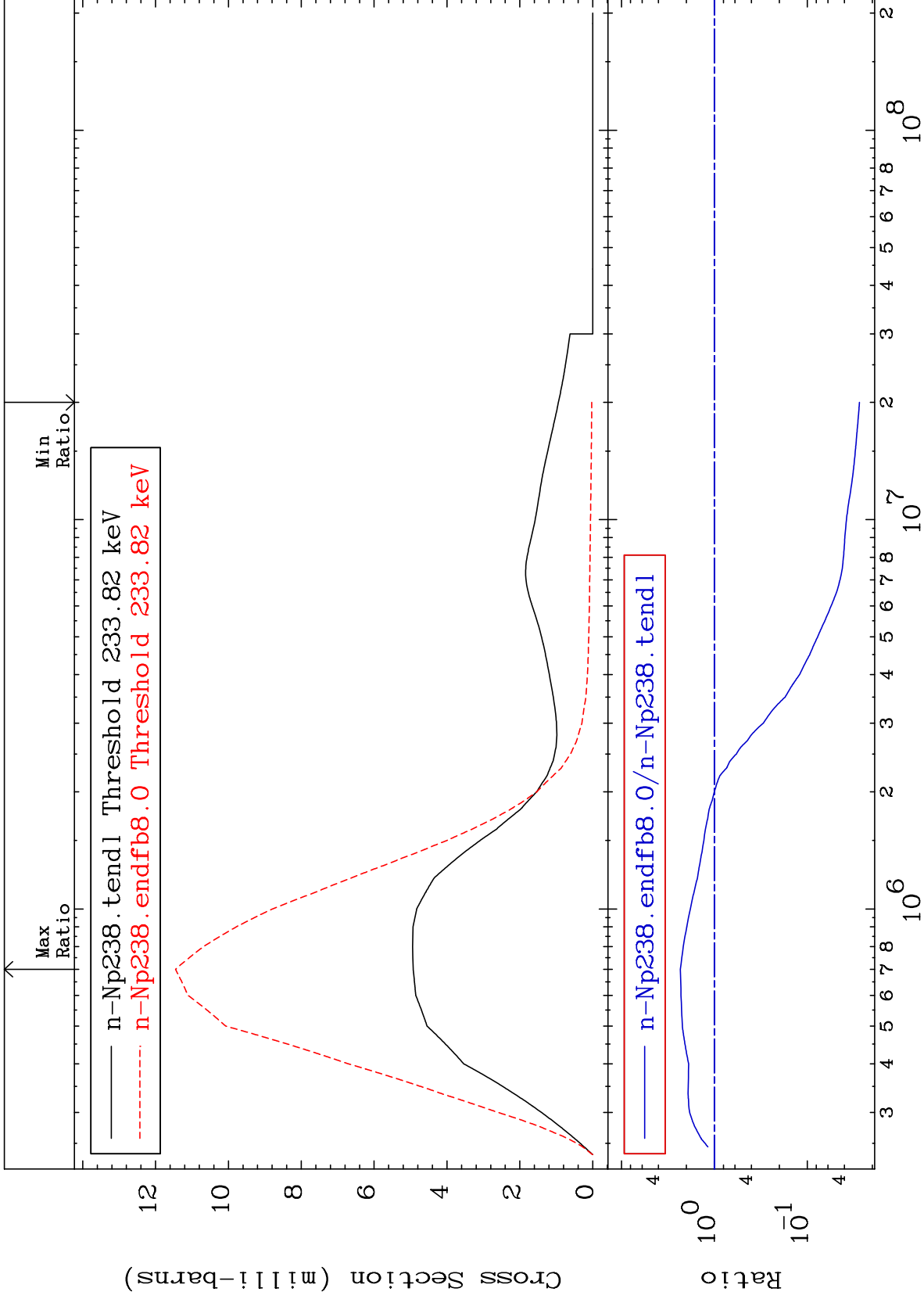
93-Np-238
-98.14 To -7.495%



MAT 9349

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

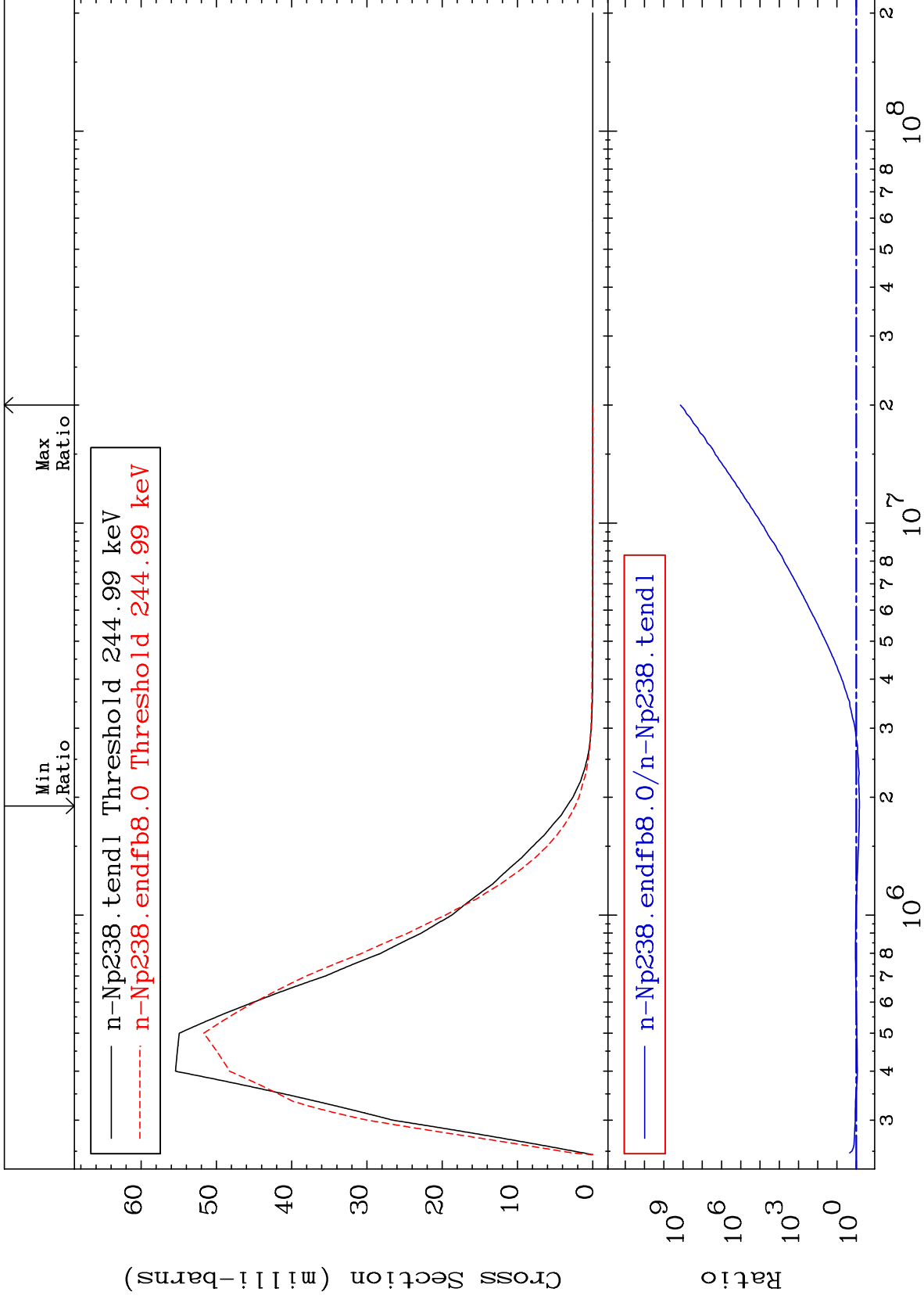
93-Np-238
-97.25 To 132.4 %



MAT 9349

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

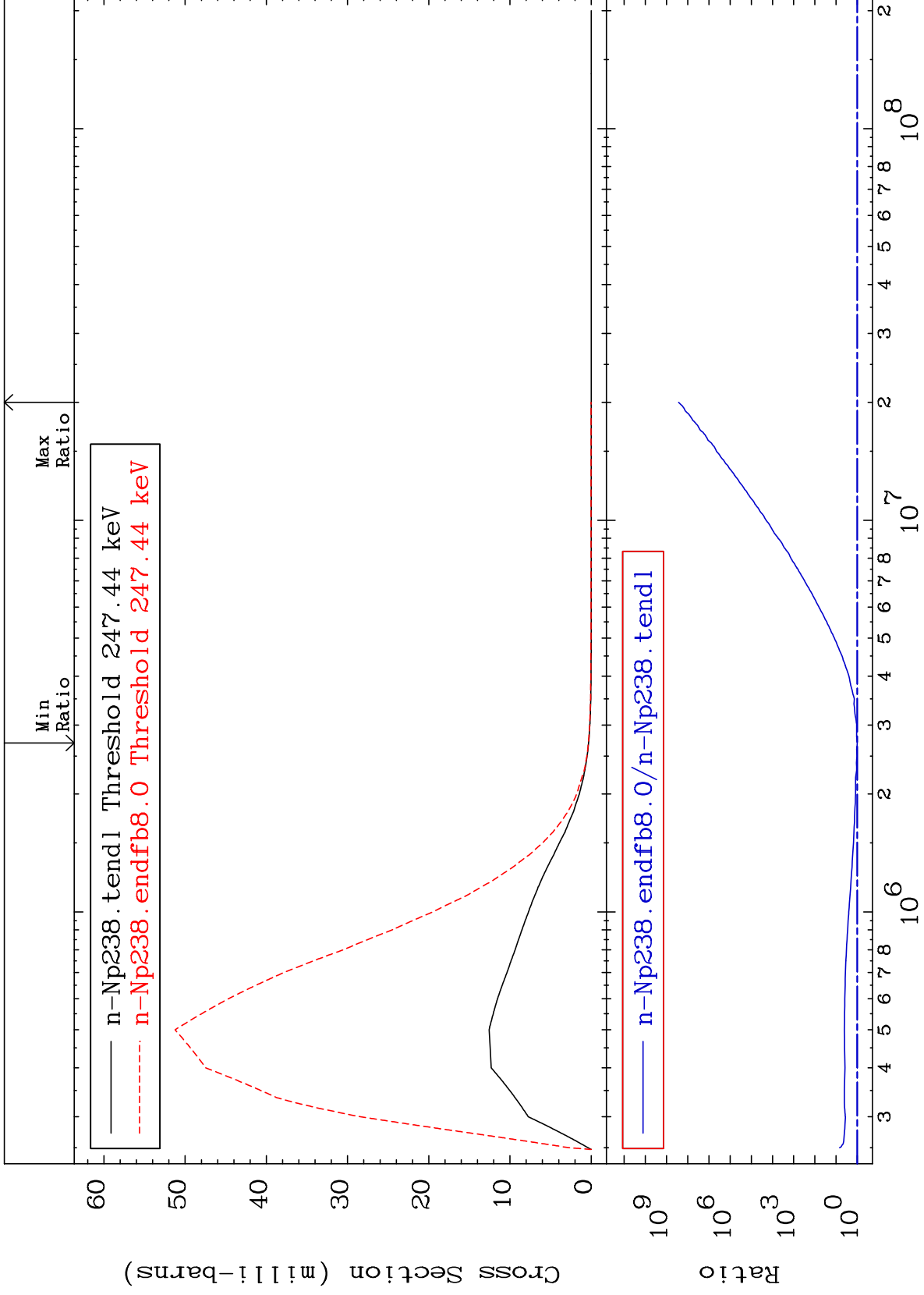
93-Np-238
-31.75 To 9999. %



MAT 9349

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

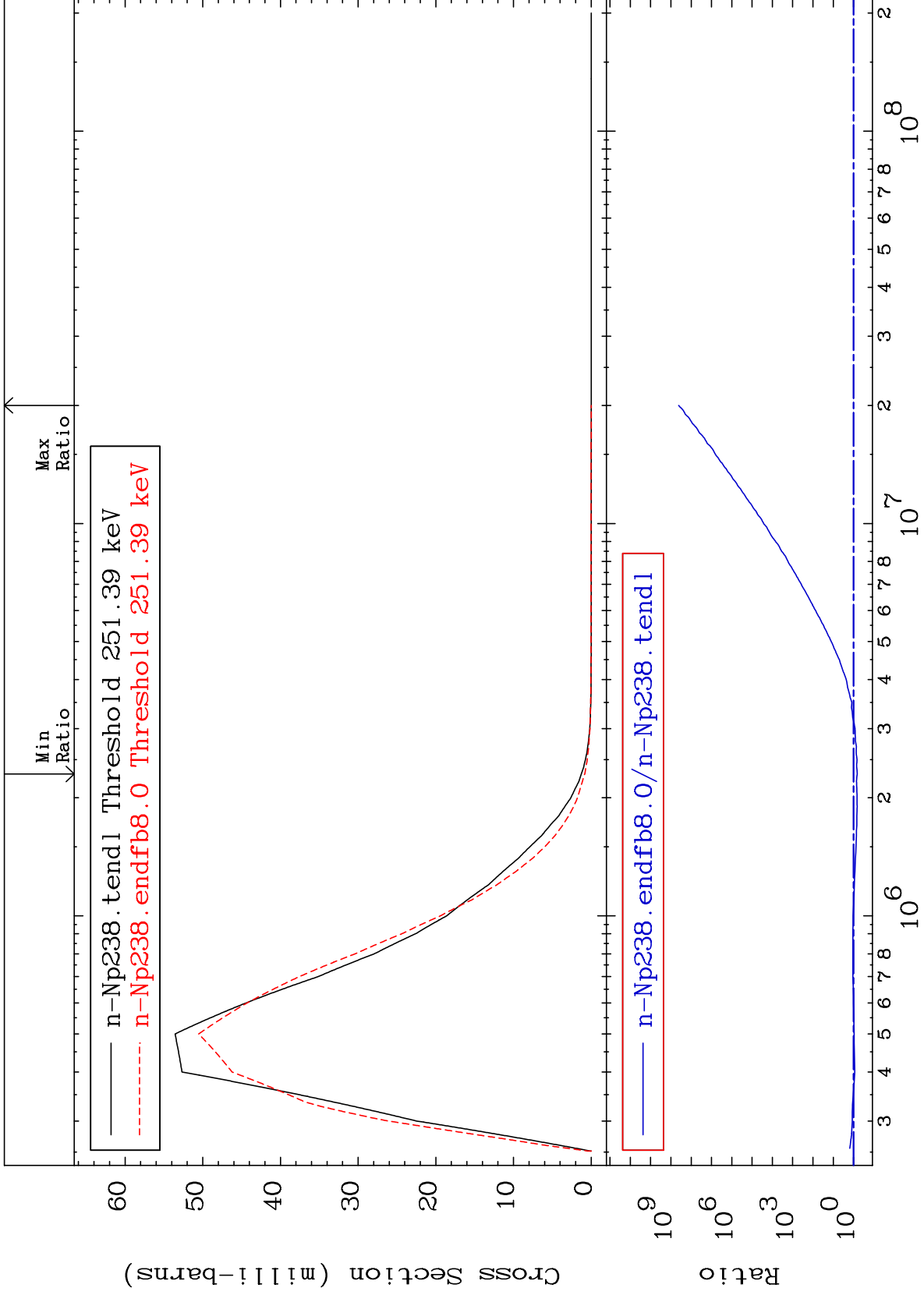
93-Np-238
0.860 To 9999. %



MAT 9349

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

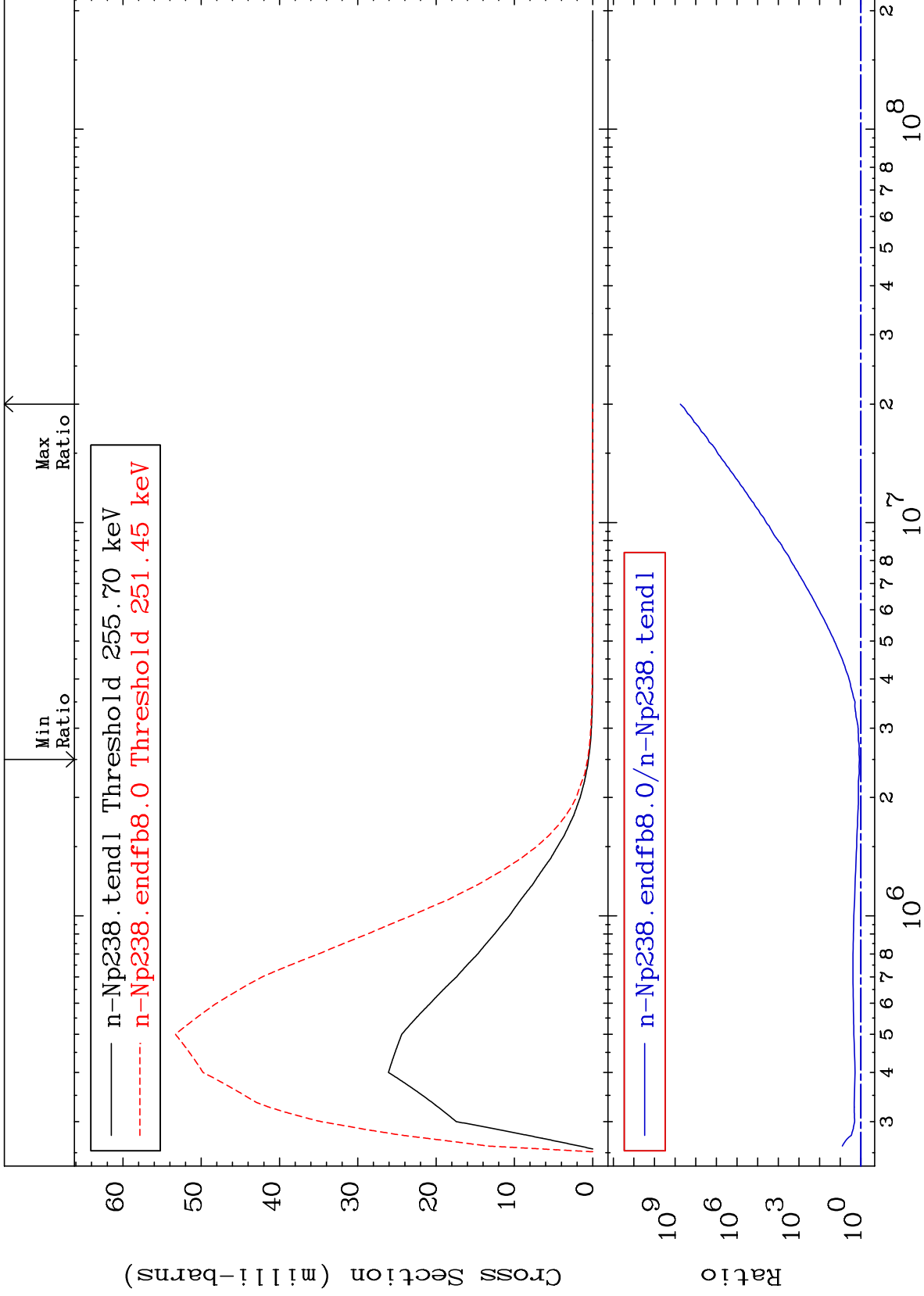
93-Np-238
-34.29 To 9999. %



MAT 9349

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

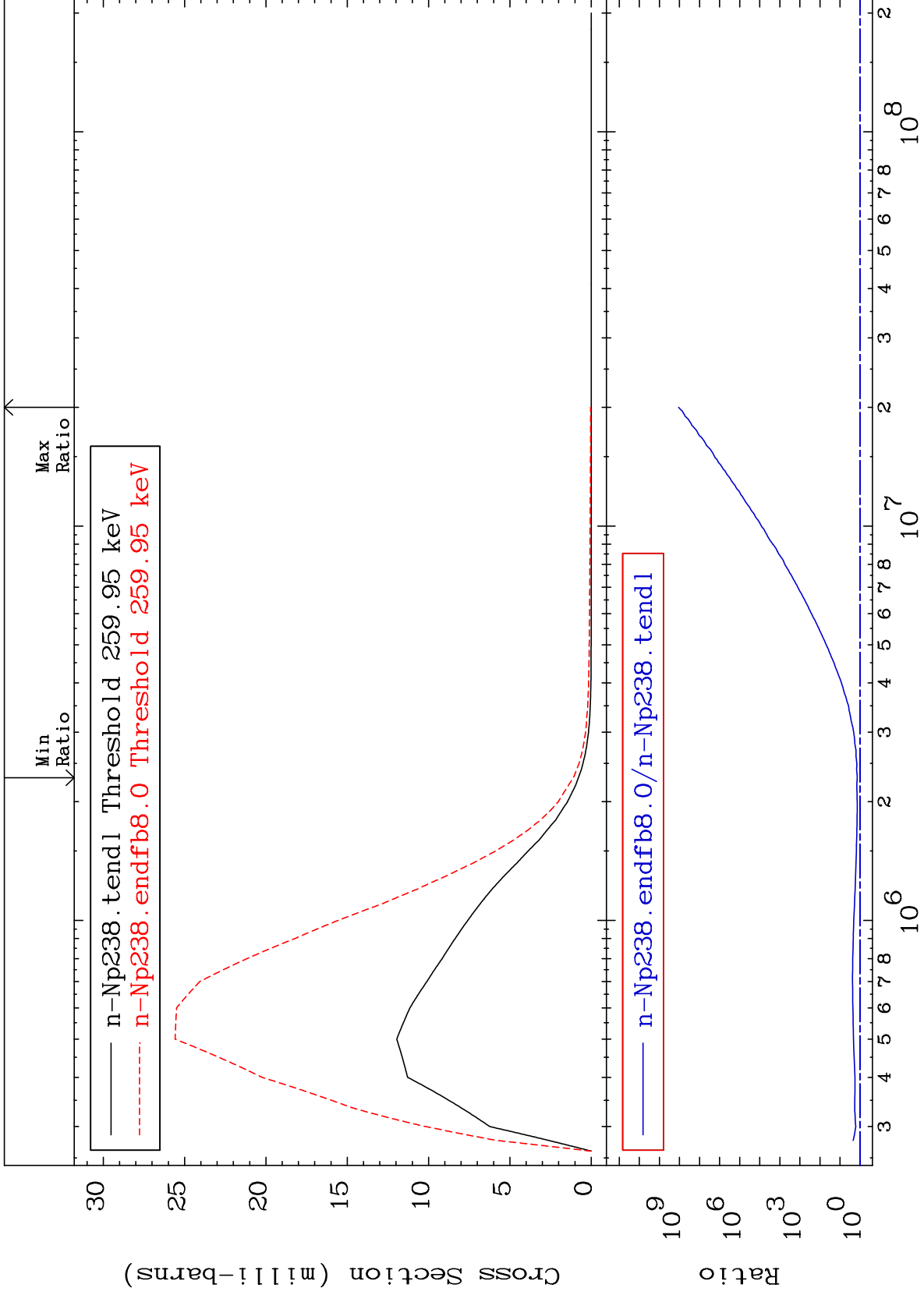
93-Np-238
17.08 To 9999. %



MAT 9349

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

93-Np-238
37.89 To 9999. %



30

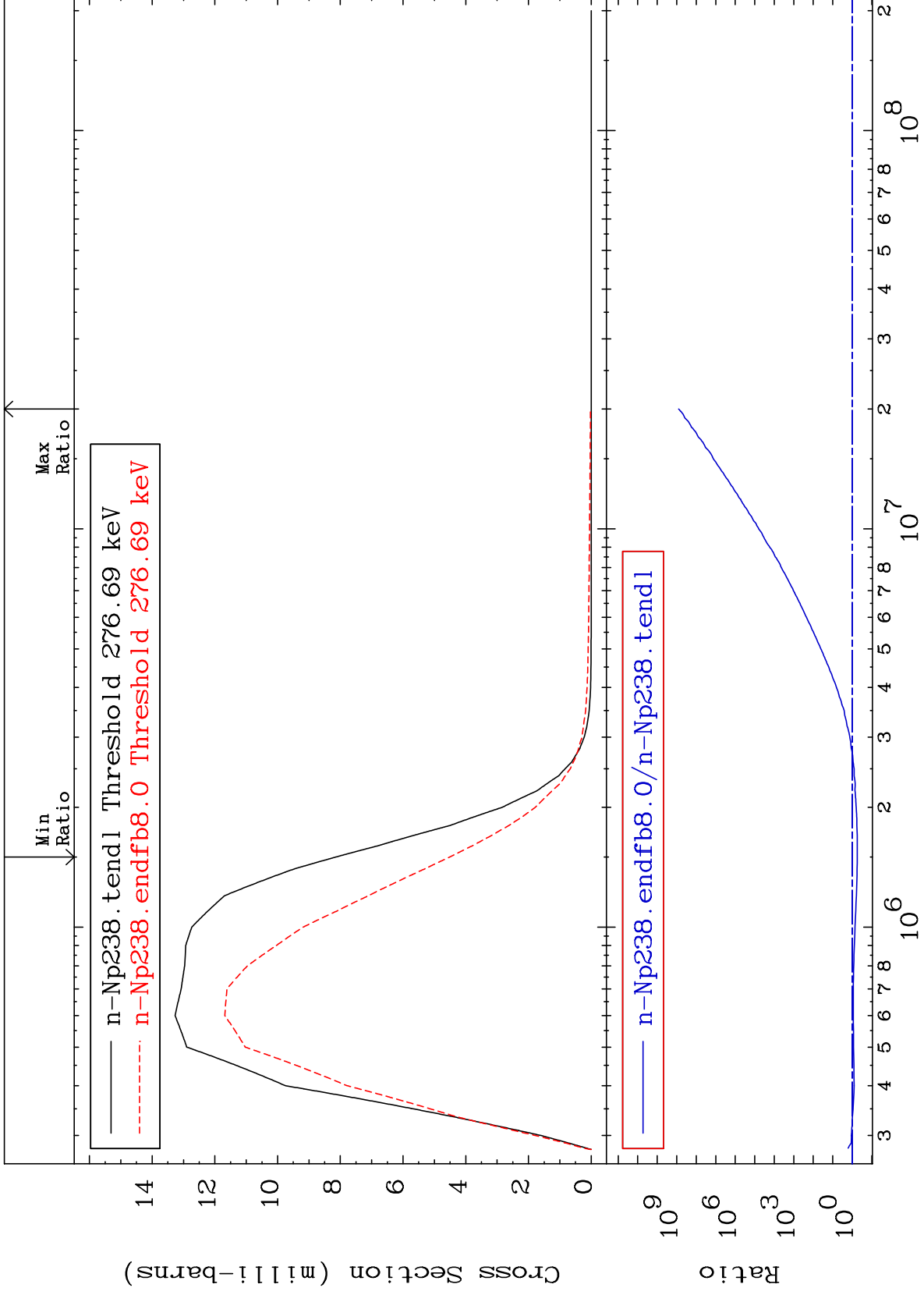
Incident Energy (eV)

93-Np-238

MAT 9349

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

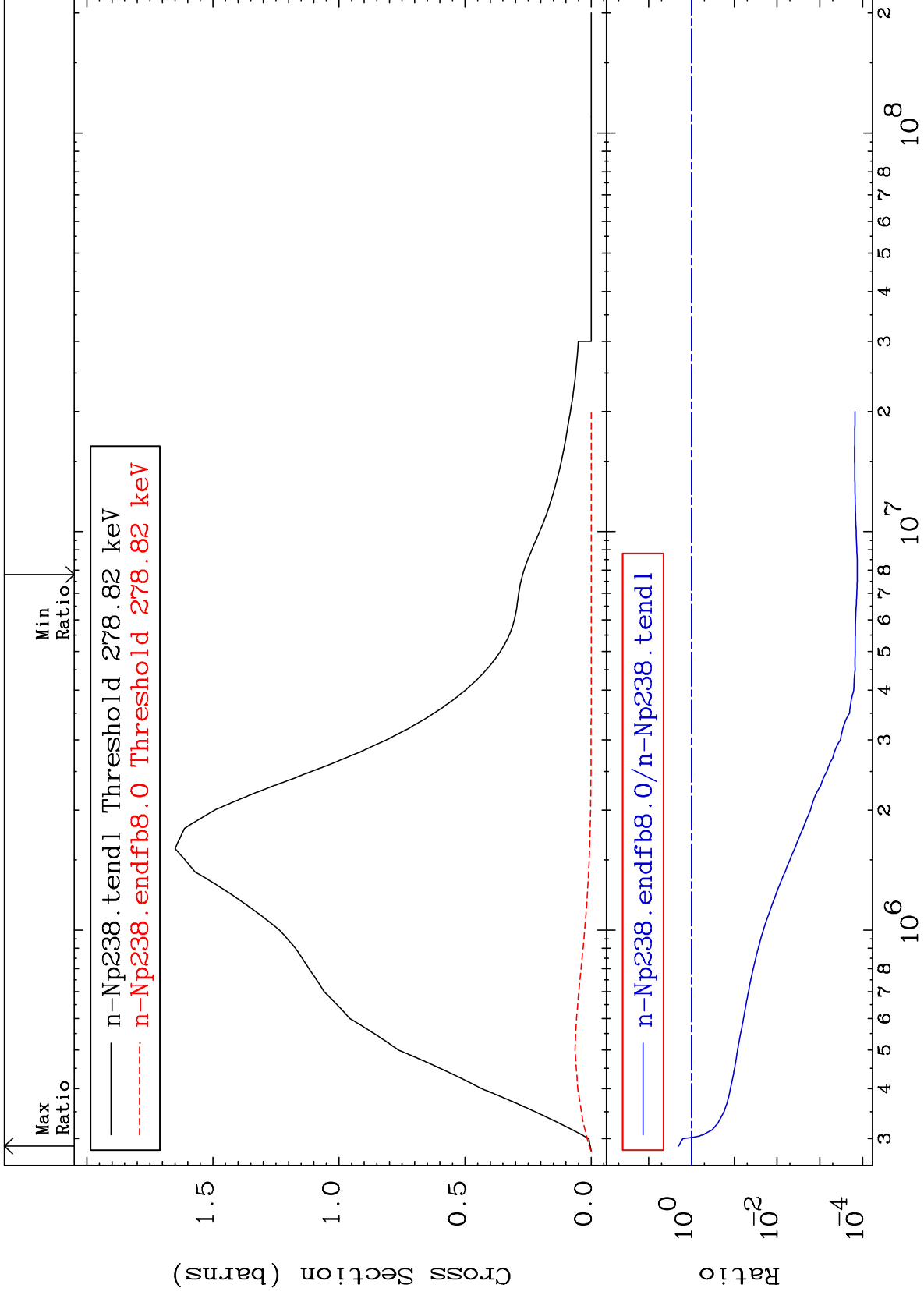
93-Np-238
-44.62 To 9999. %



MAT 9349

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

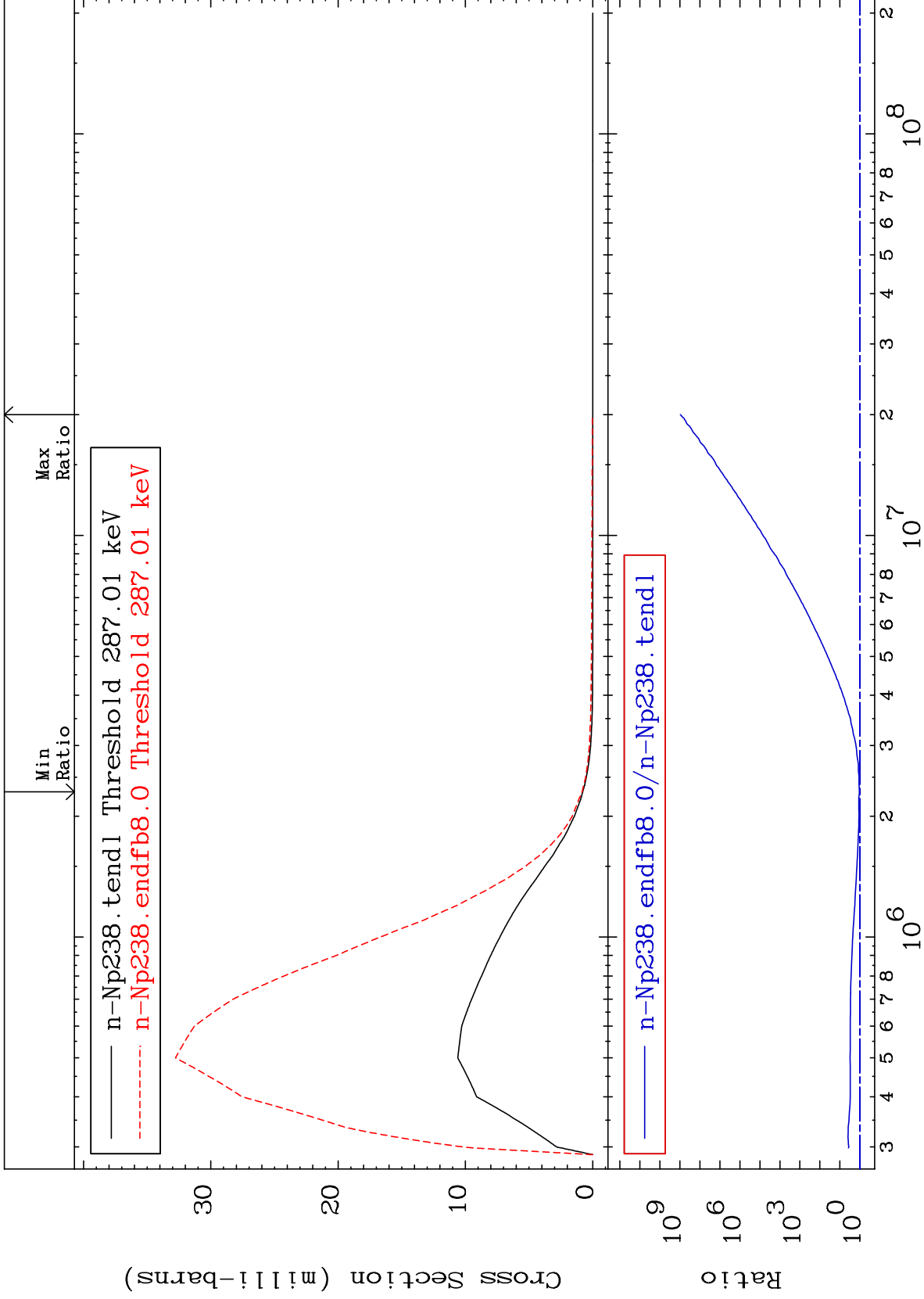
93-Np-238
-99.99 To 99.69 %



MAT 9349

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

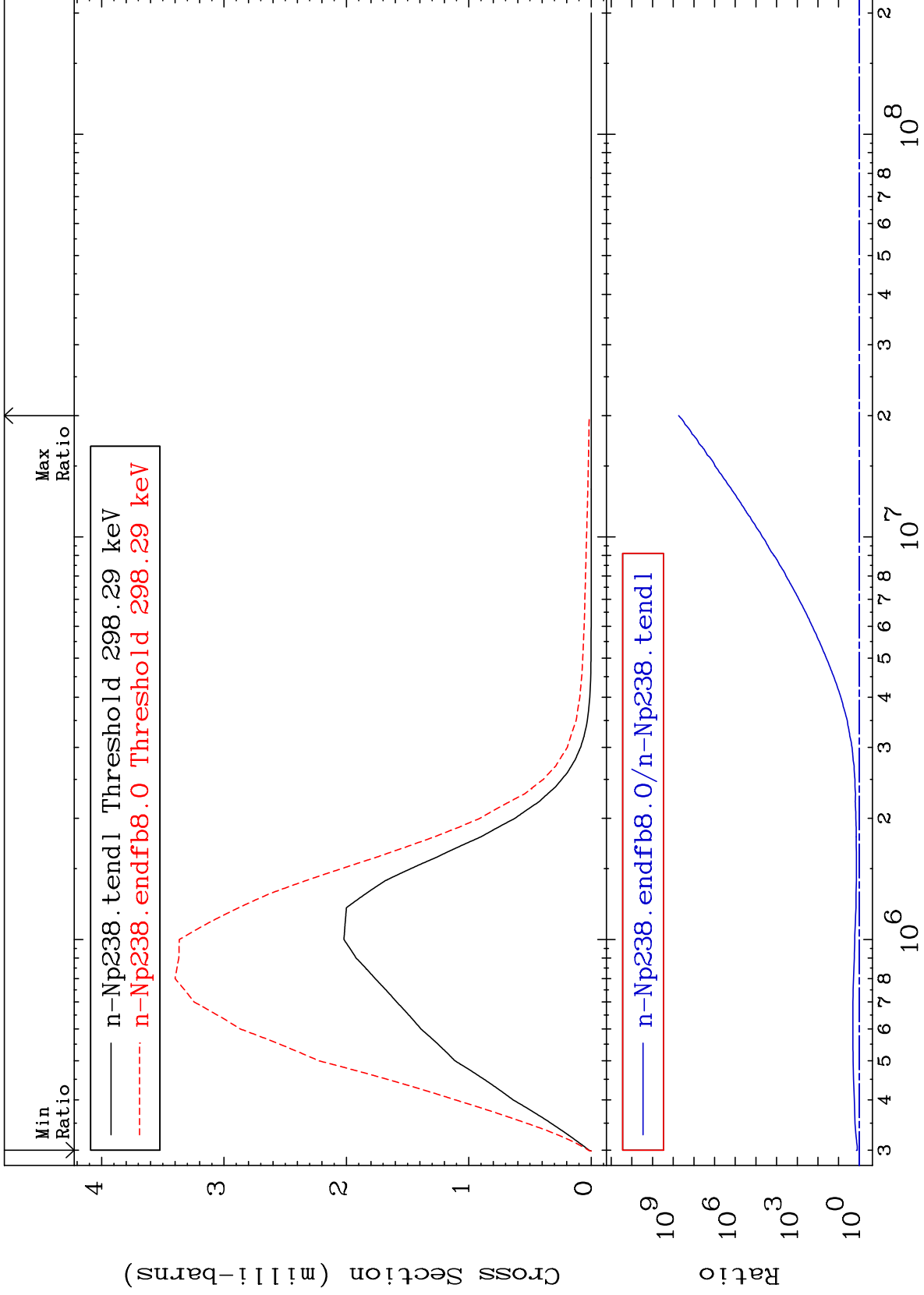
93-Np-238
5.890 To 9999. %



MAT 9349

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

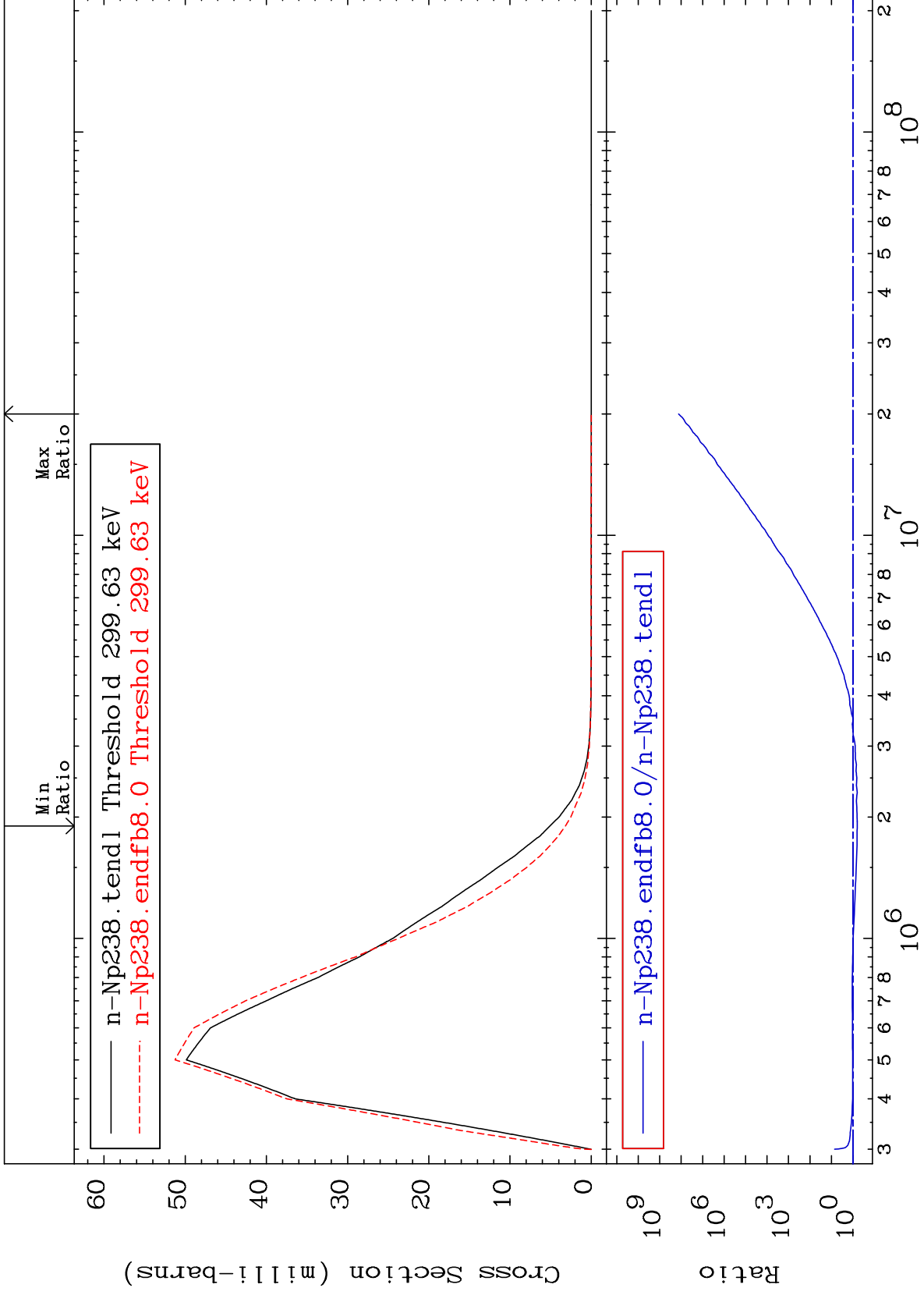
93-Np-238
25.46 To 9999. %



MAT 9349

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

93-Np-238
-37.60 To 9999. %



35

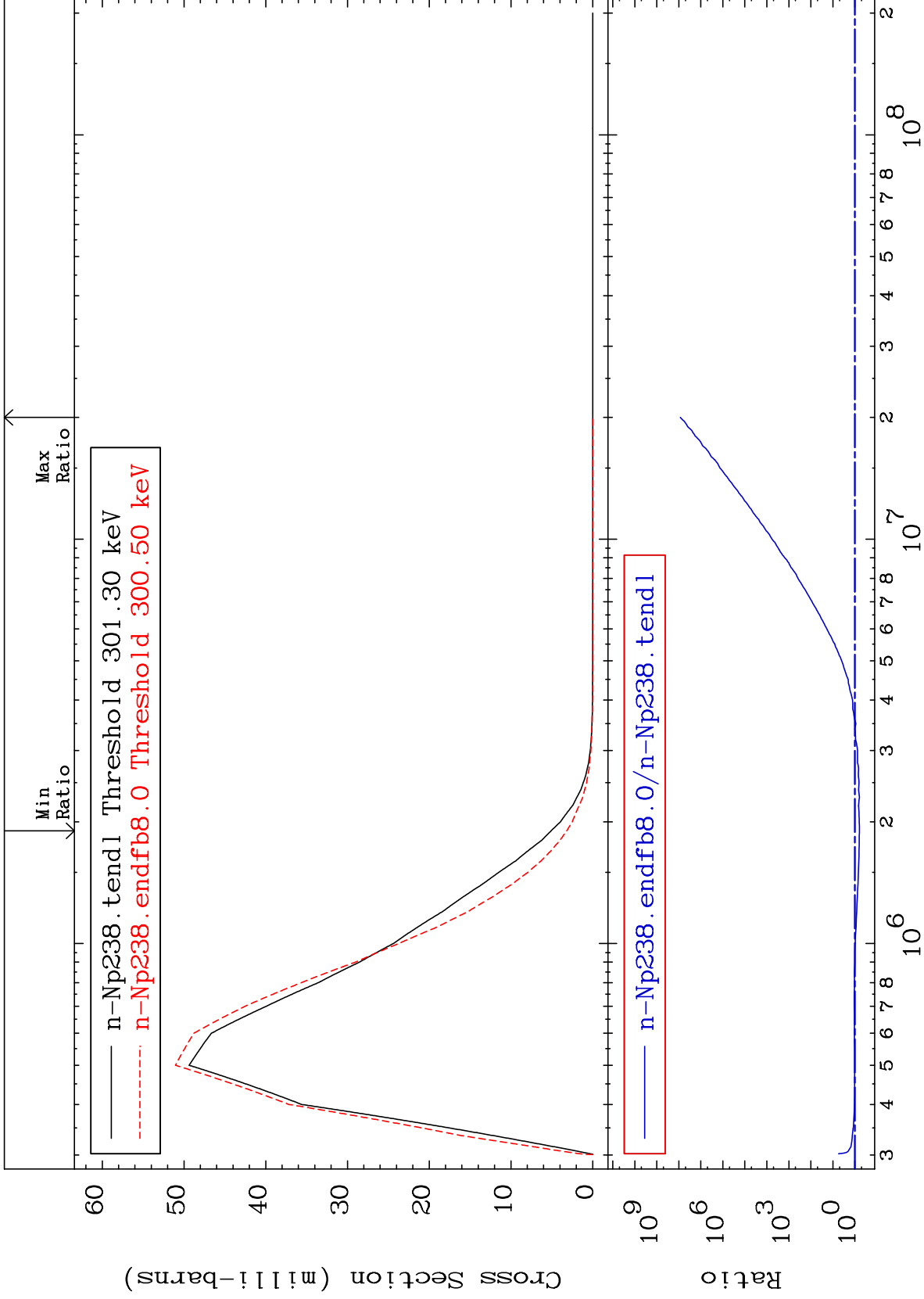
Incident Energy (eV)

93-Np-238

MAT 9349

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

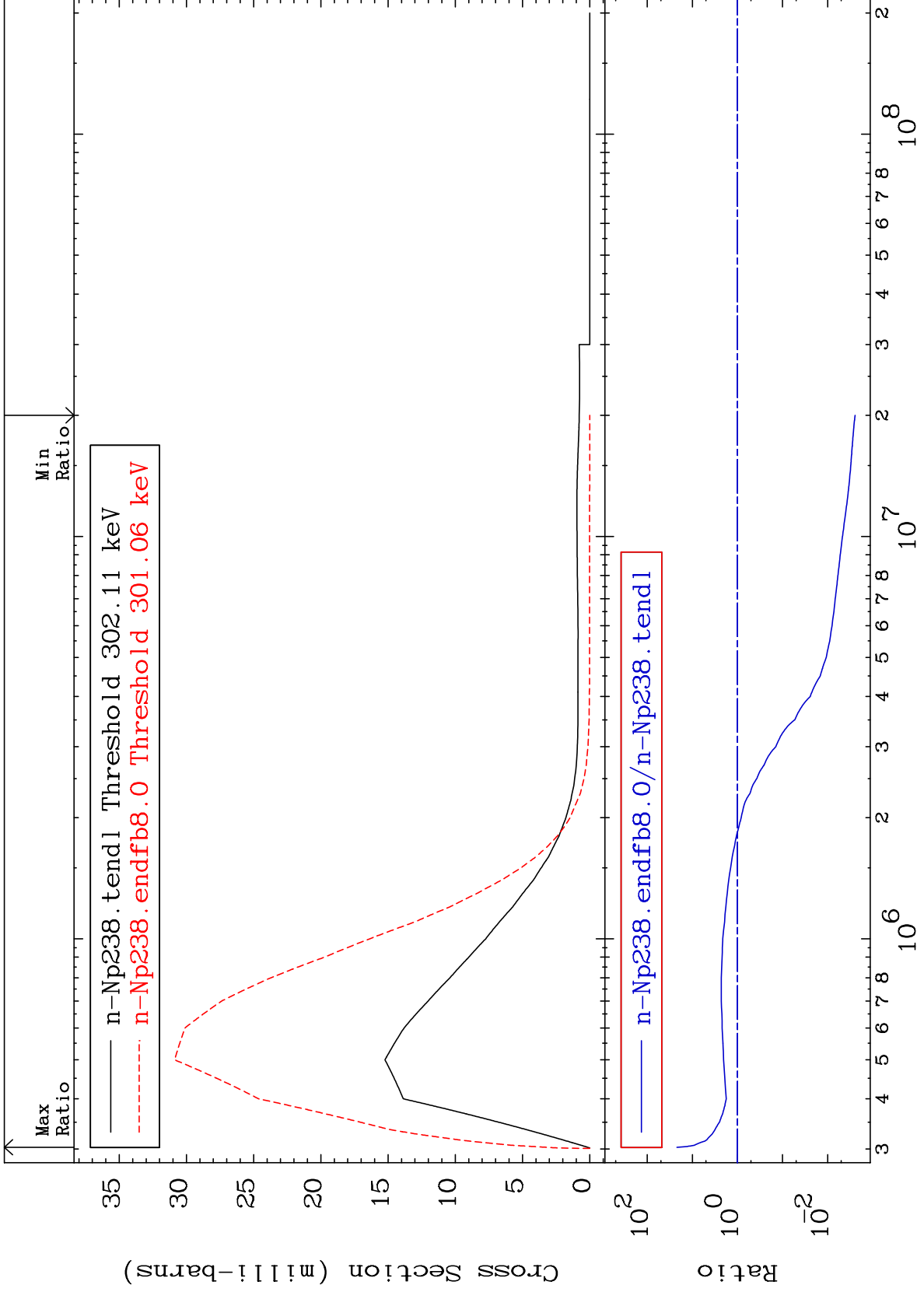
93-Np-238
-37.70 To 9999. %



MAT 9349

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

93-Np-238
-99.75 To 2102. %



37

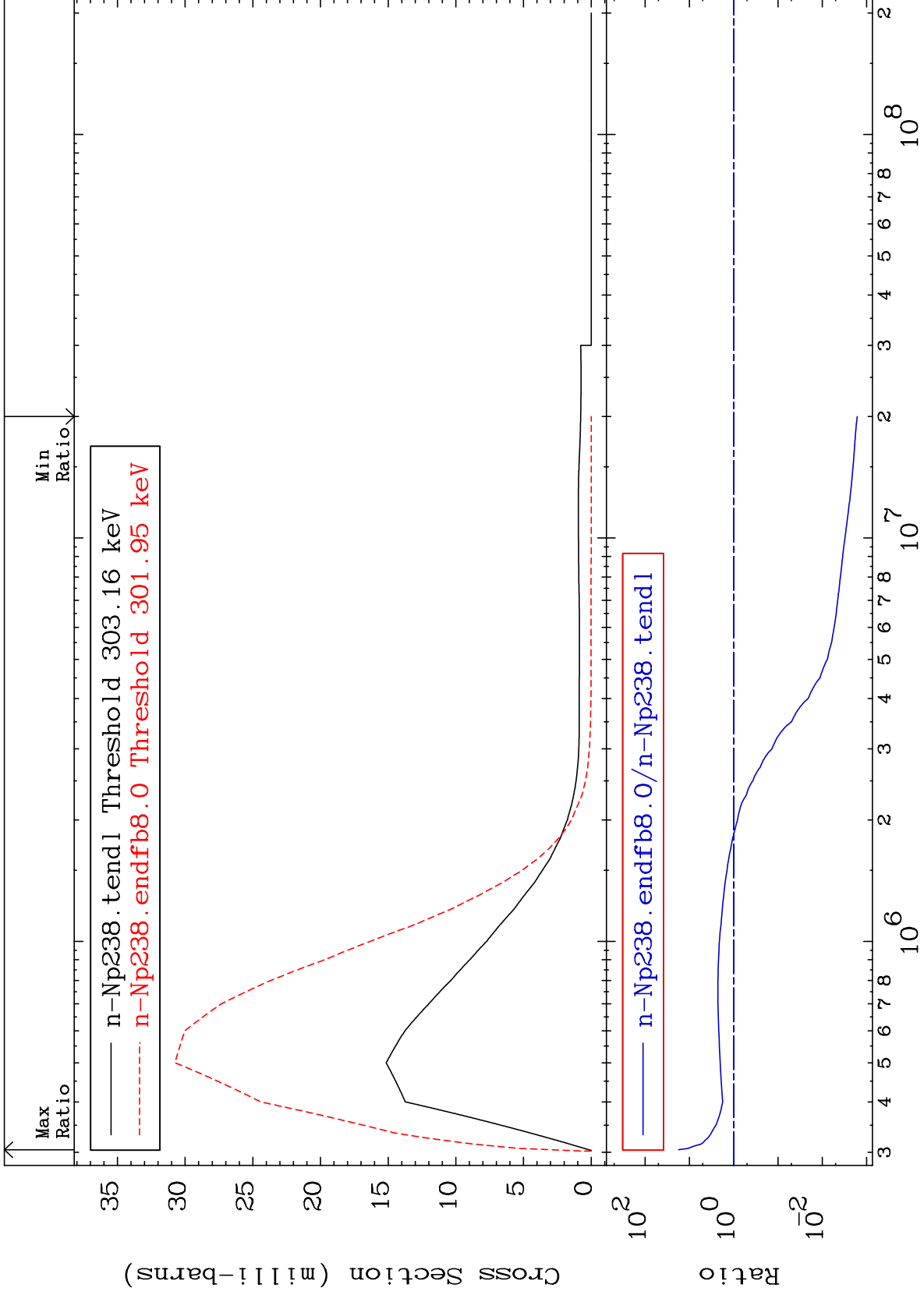
Incident Energy (eV)

93-Np-238

MAT 9349

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

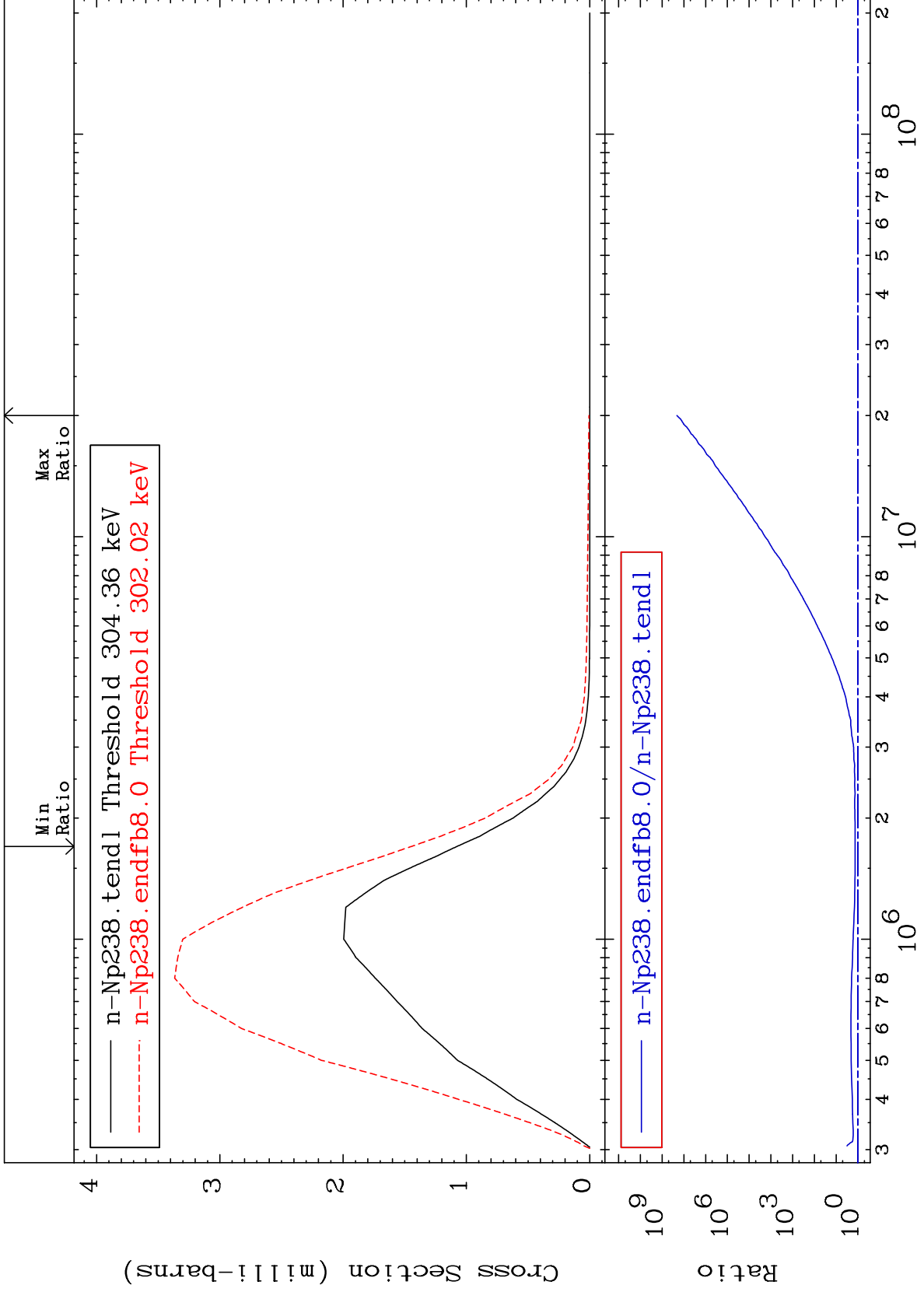
93-Np-238
-99.84 To 1651. %



MAT 9349

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

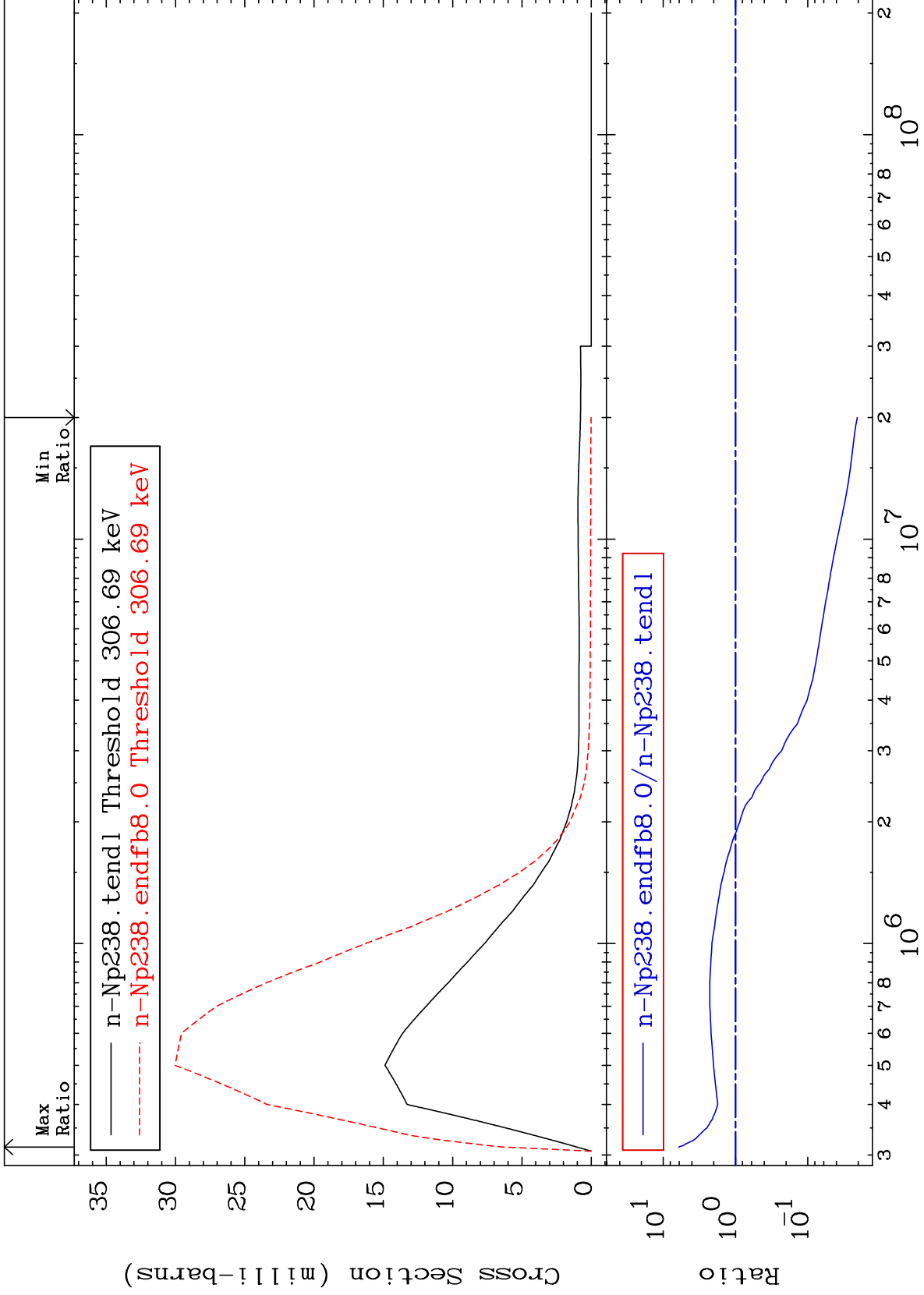
93-Np-238
34.25 To 9999. %



MAT 9349

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

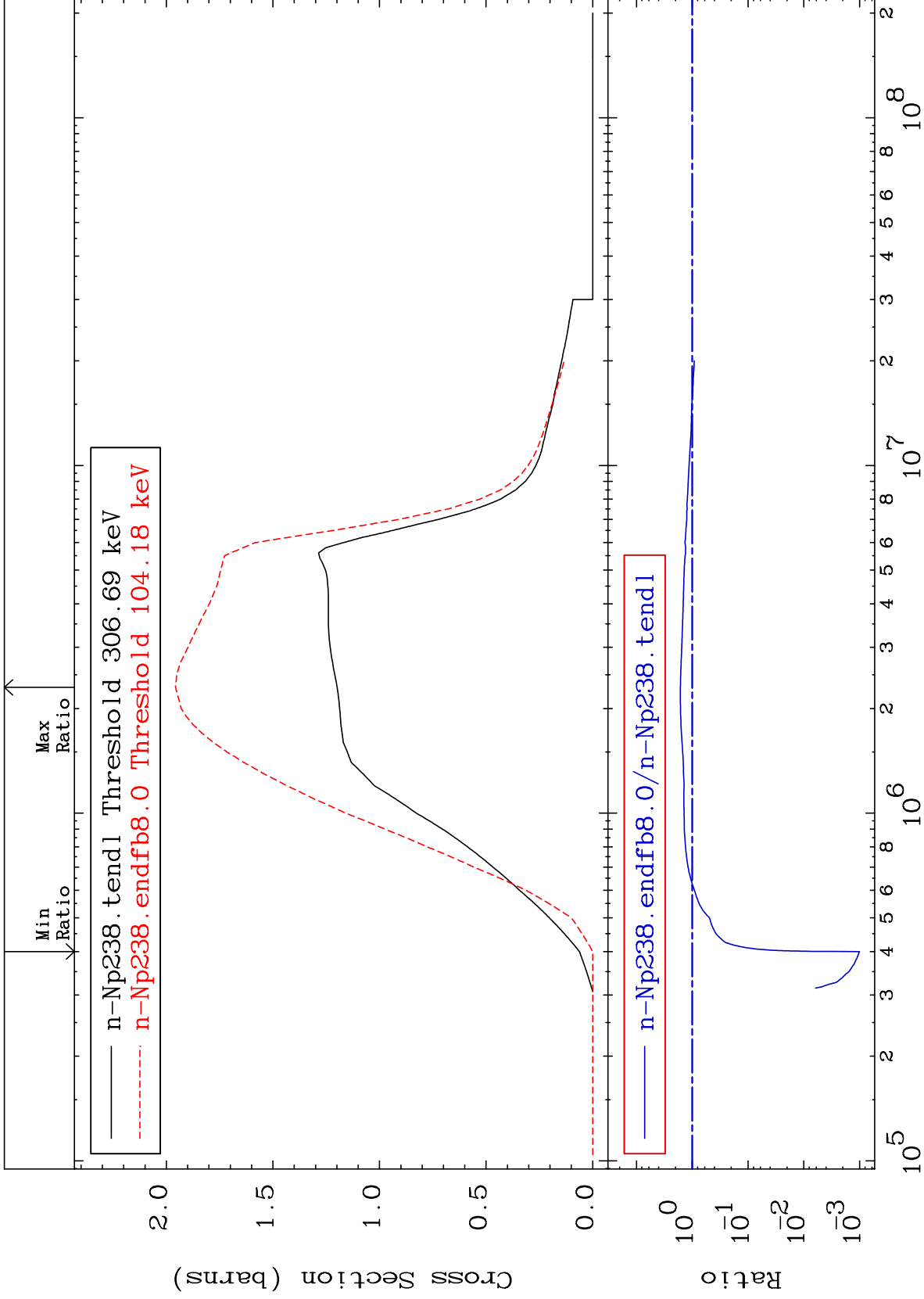
93-Np-238
-97.93 To 511.2 %

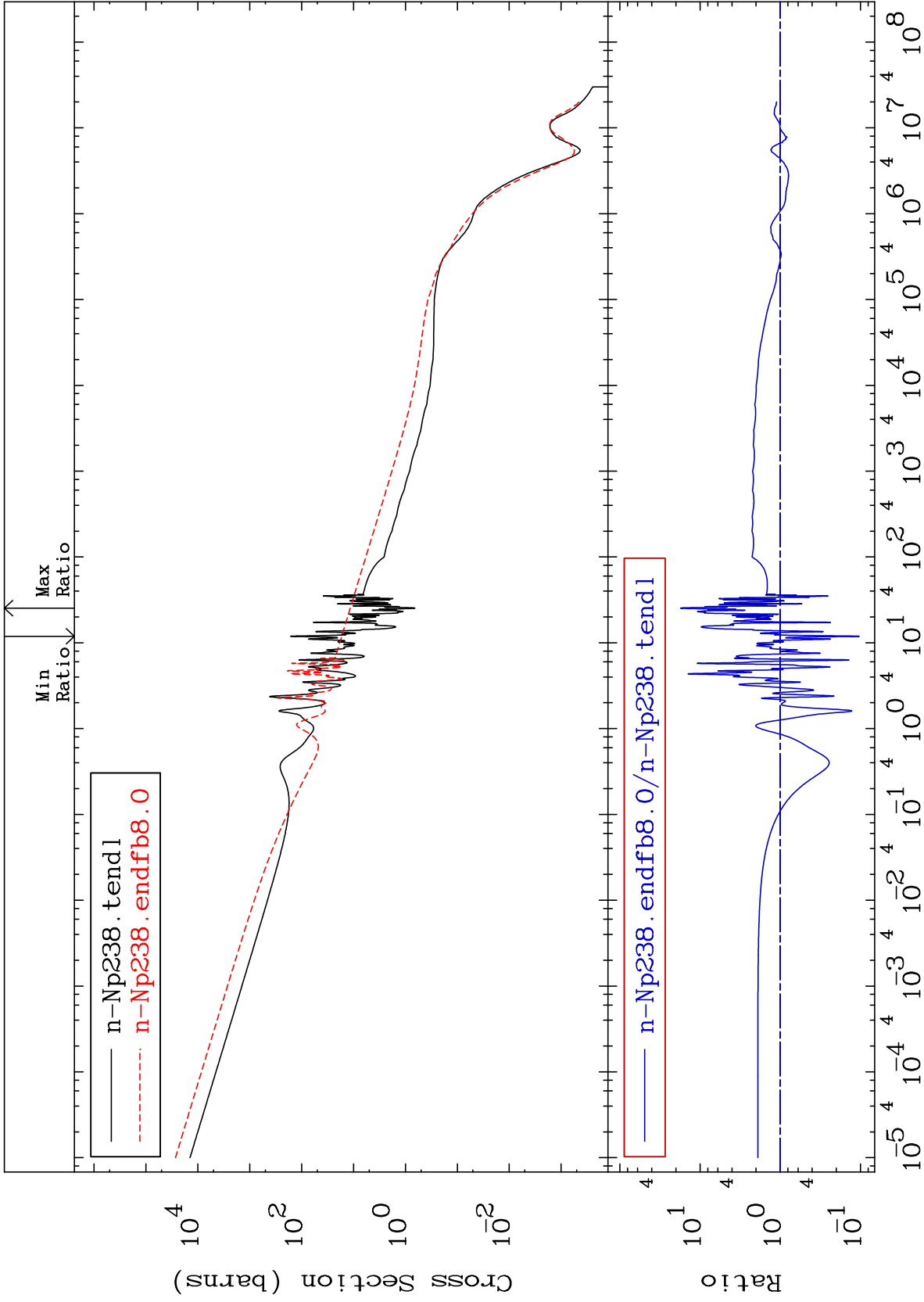


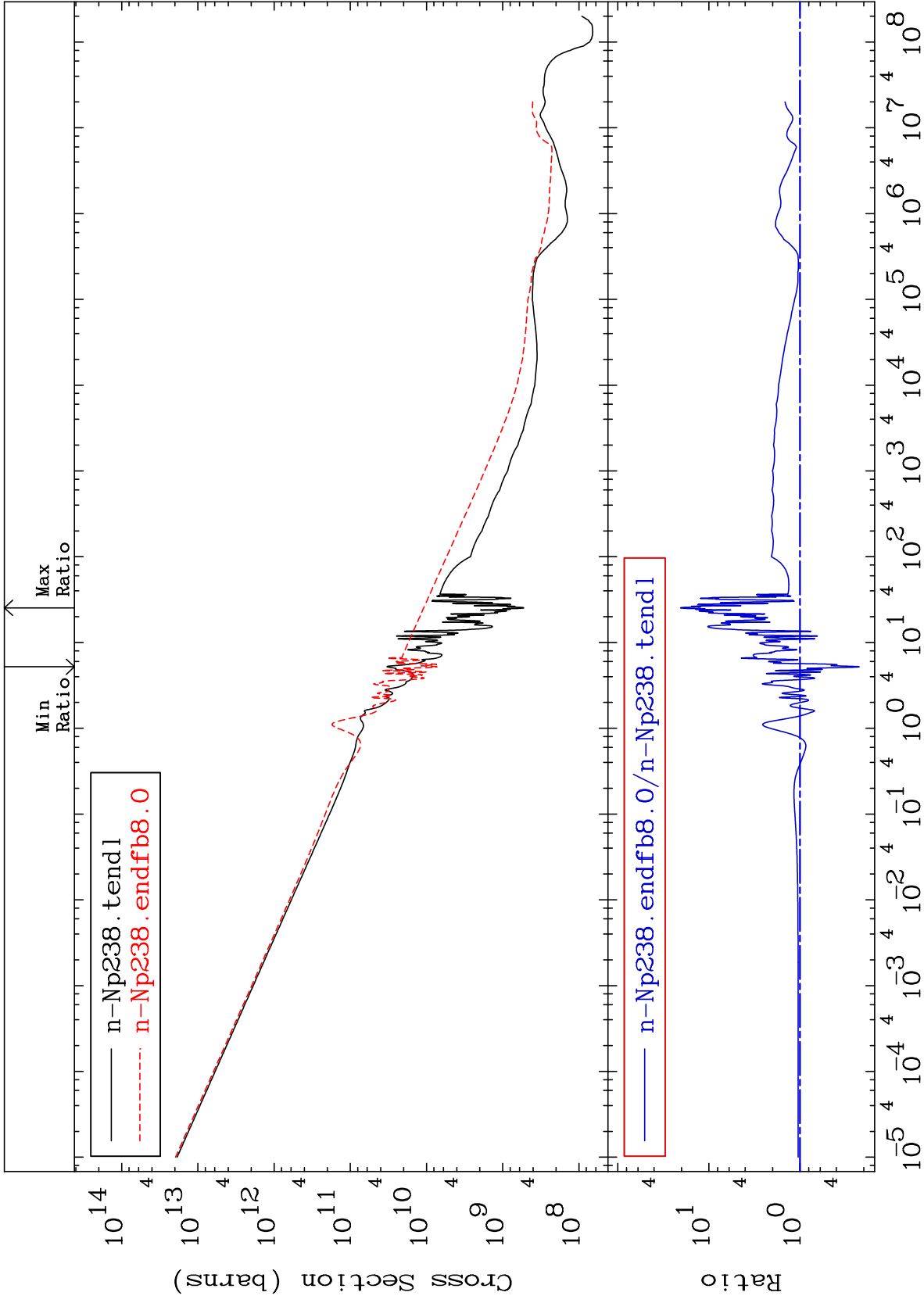
40

Incident Energy (eV)

93-Np-238



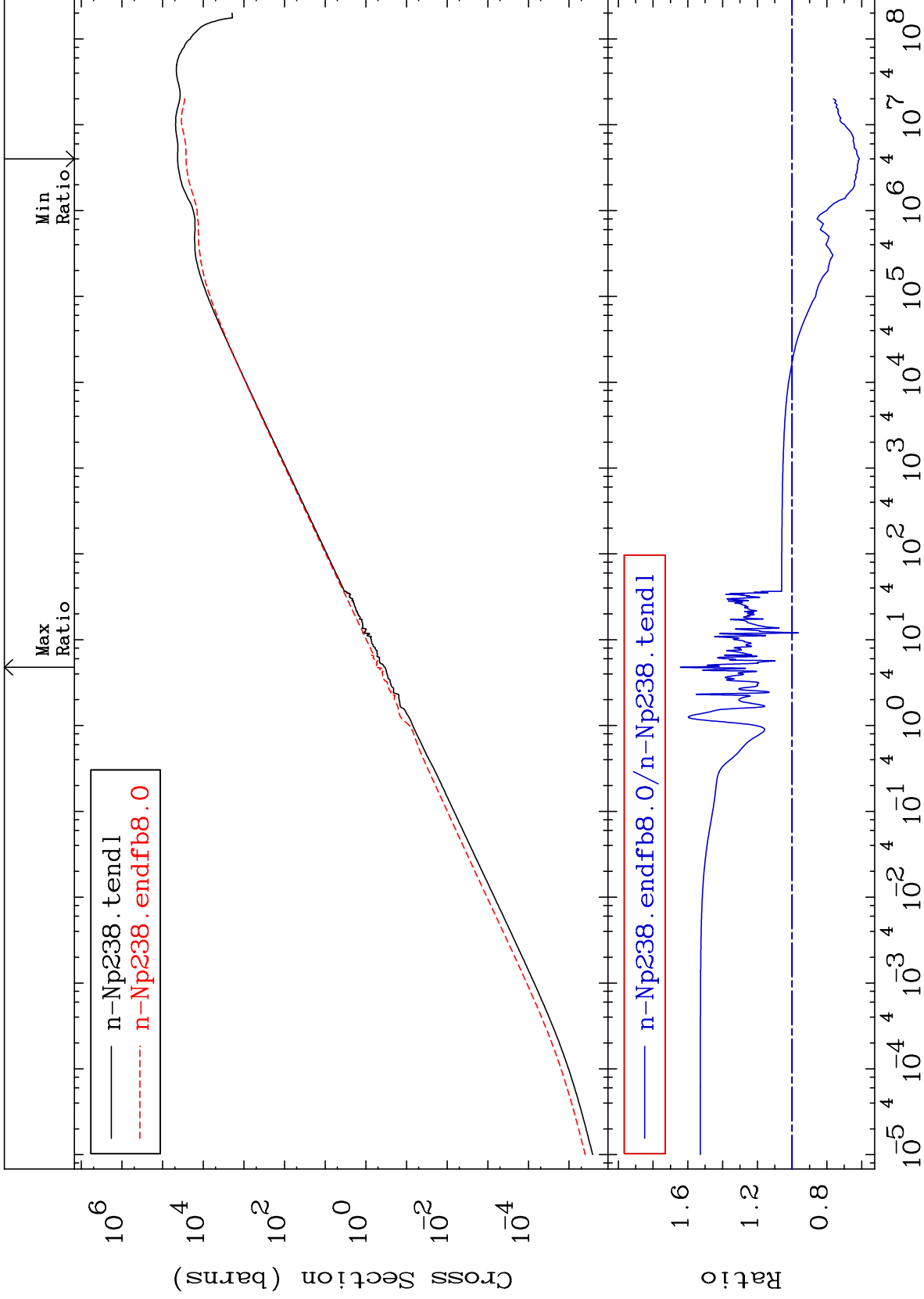


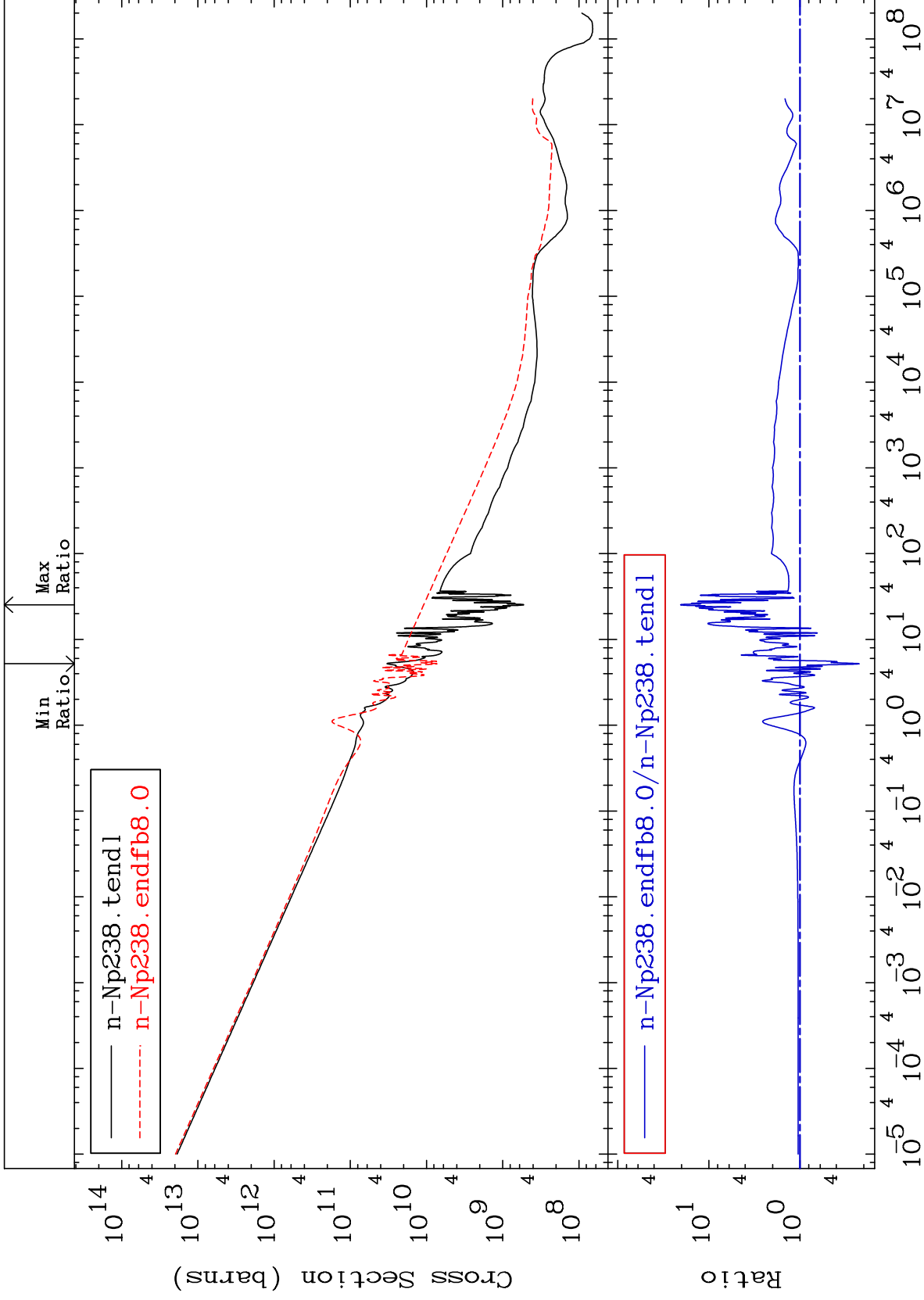


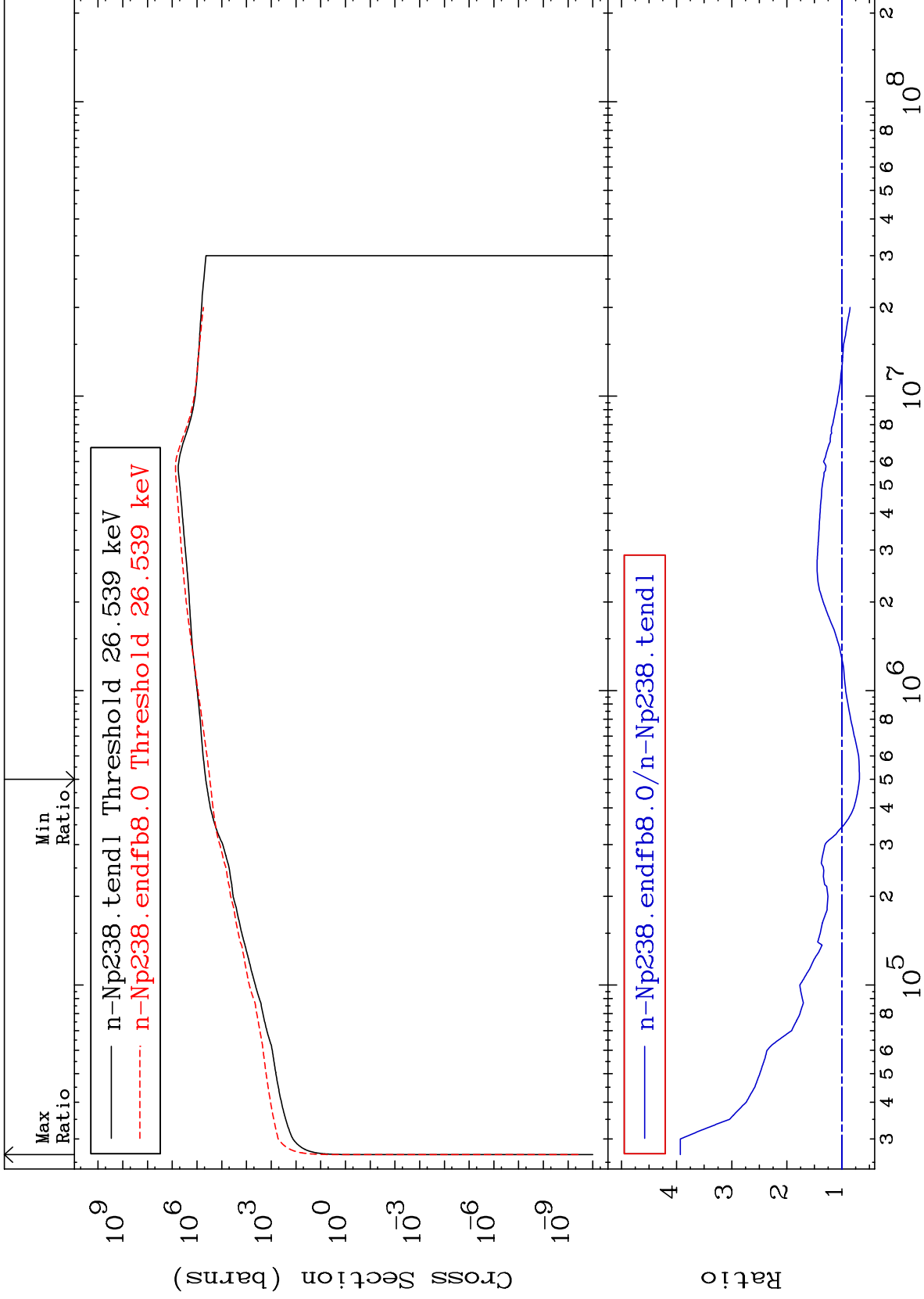
MAT 9349

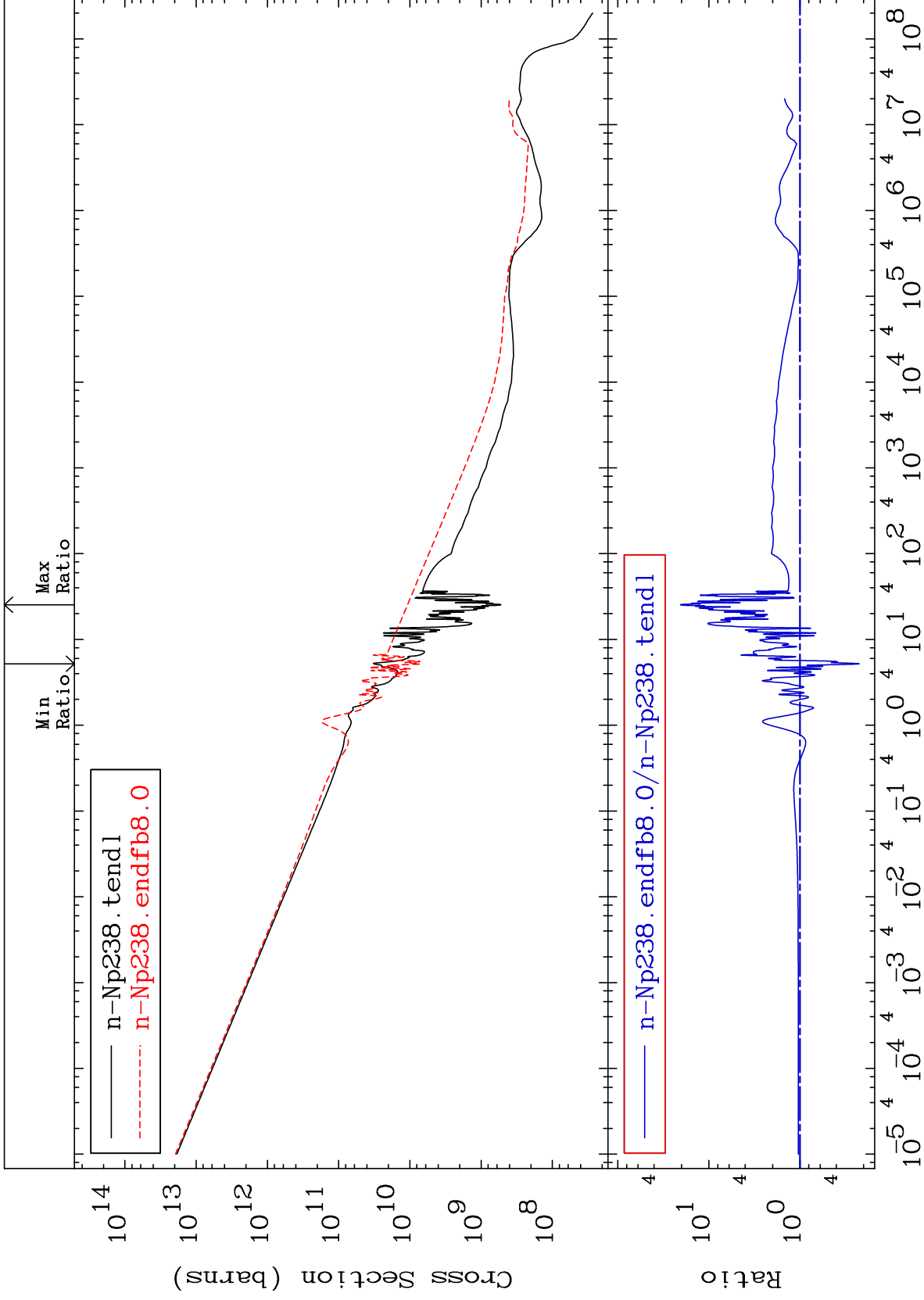
Kerma elastic
Cross Section

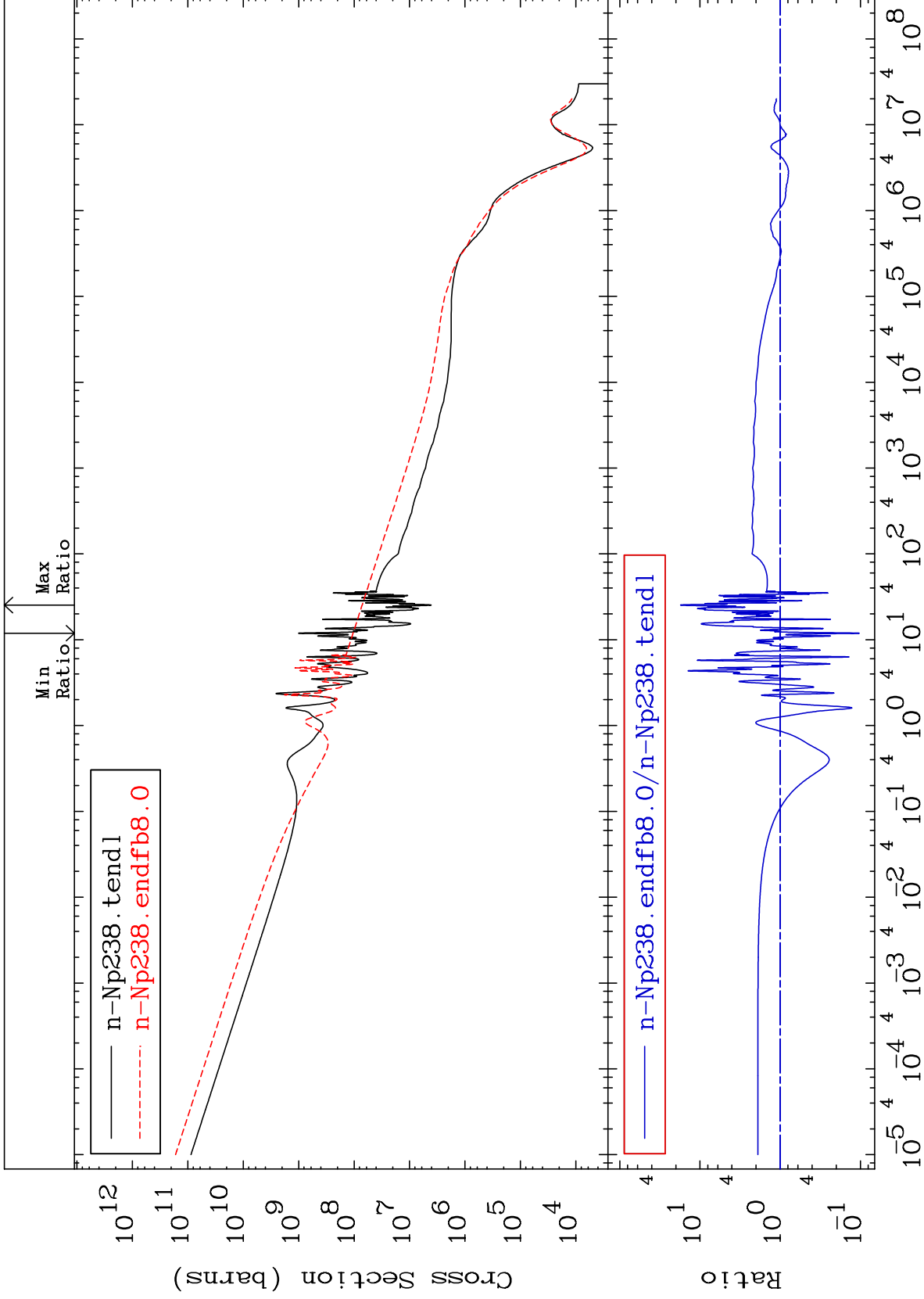
93-Np-238
-38.73 To 64.31 %

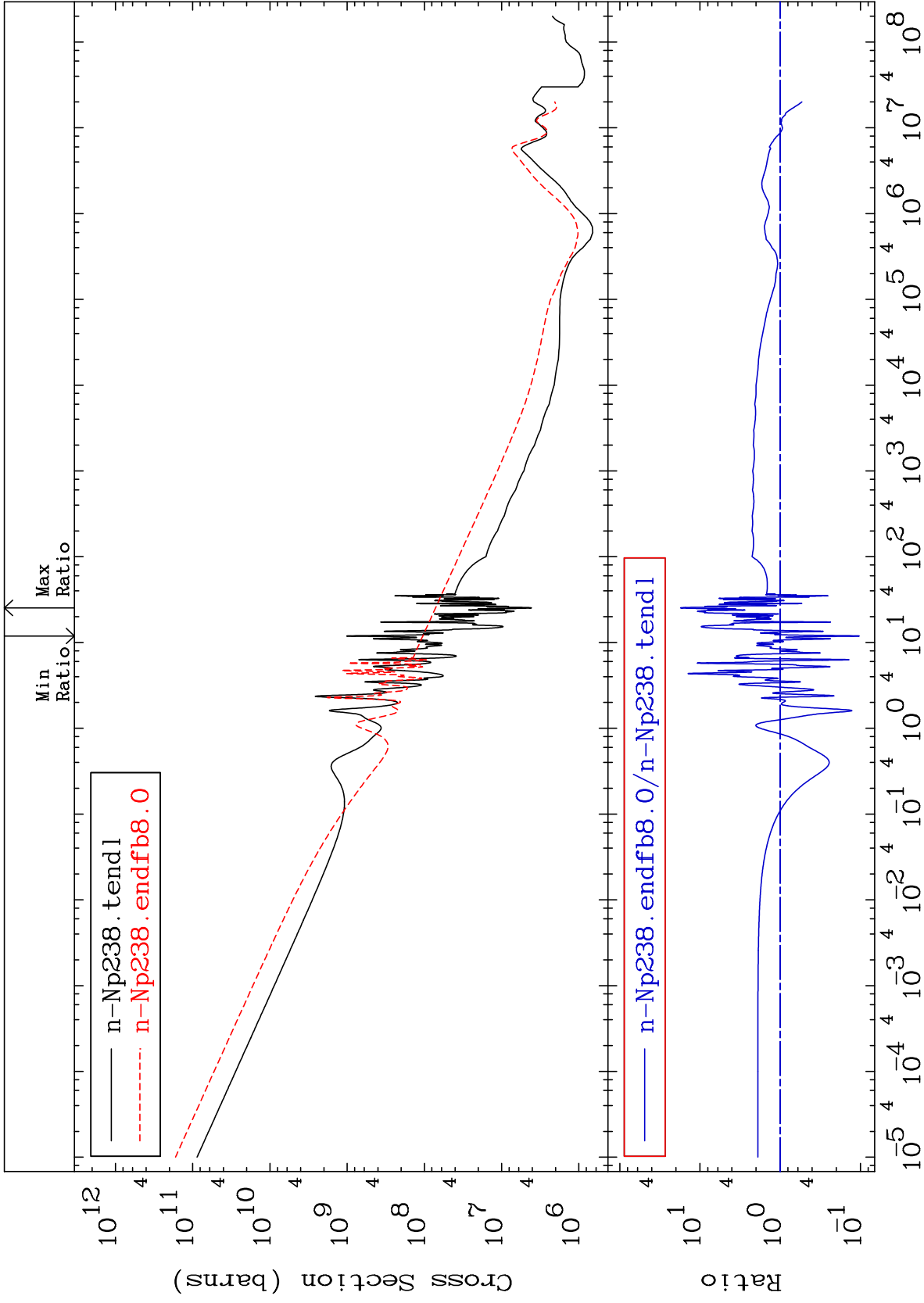


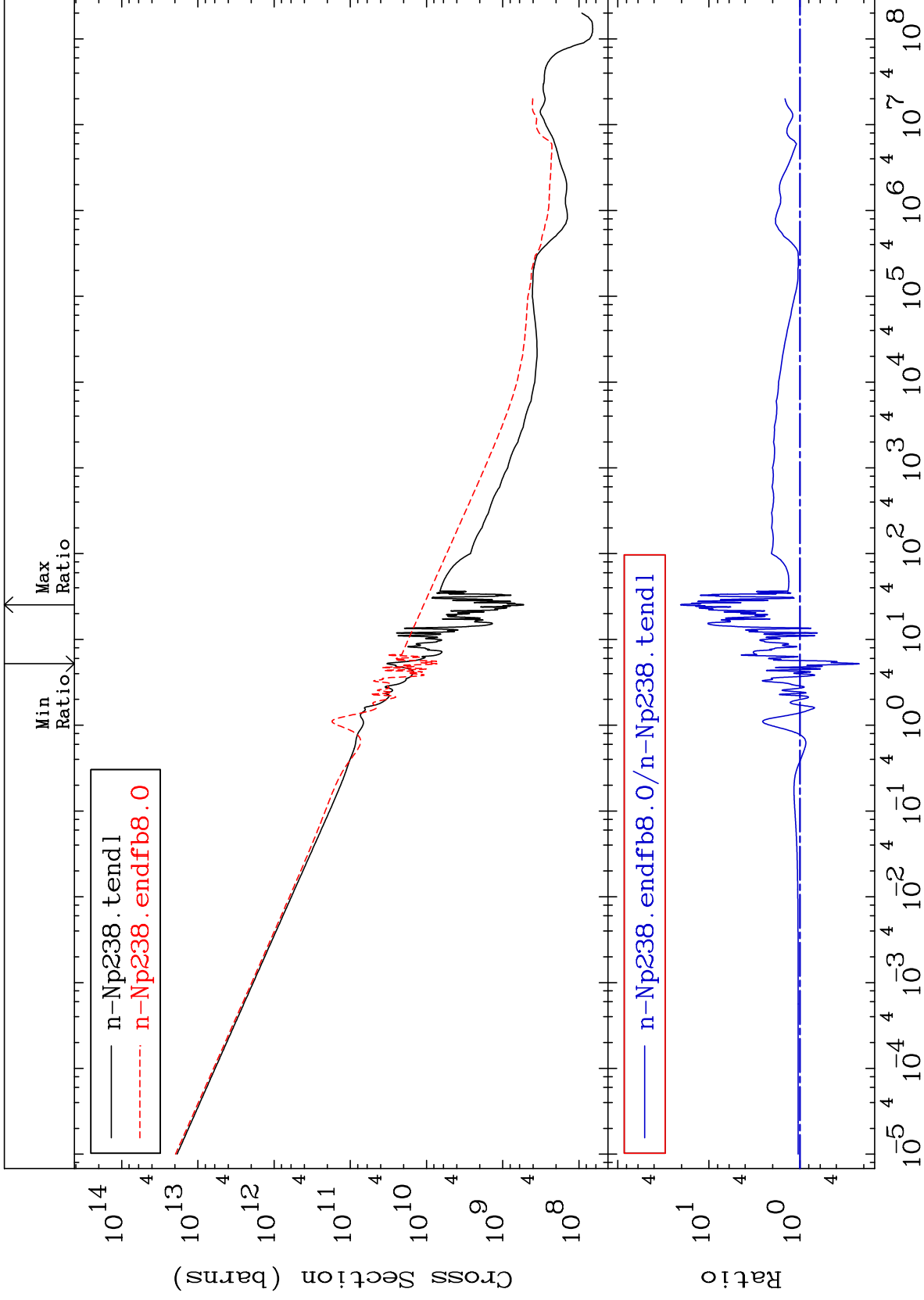








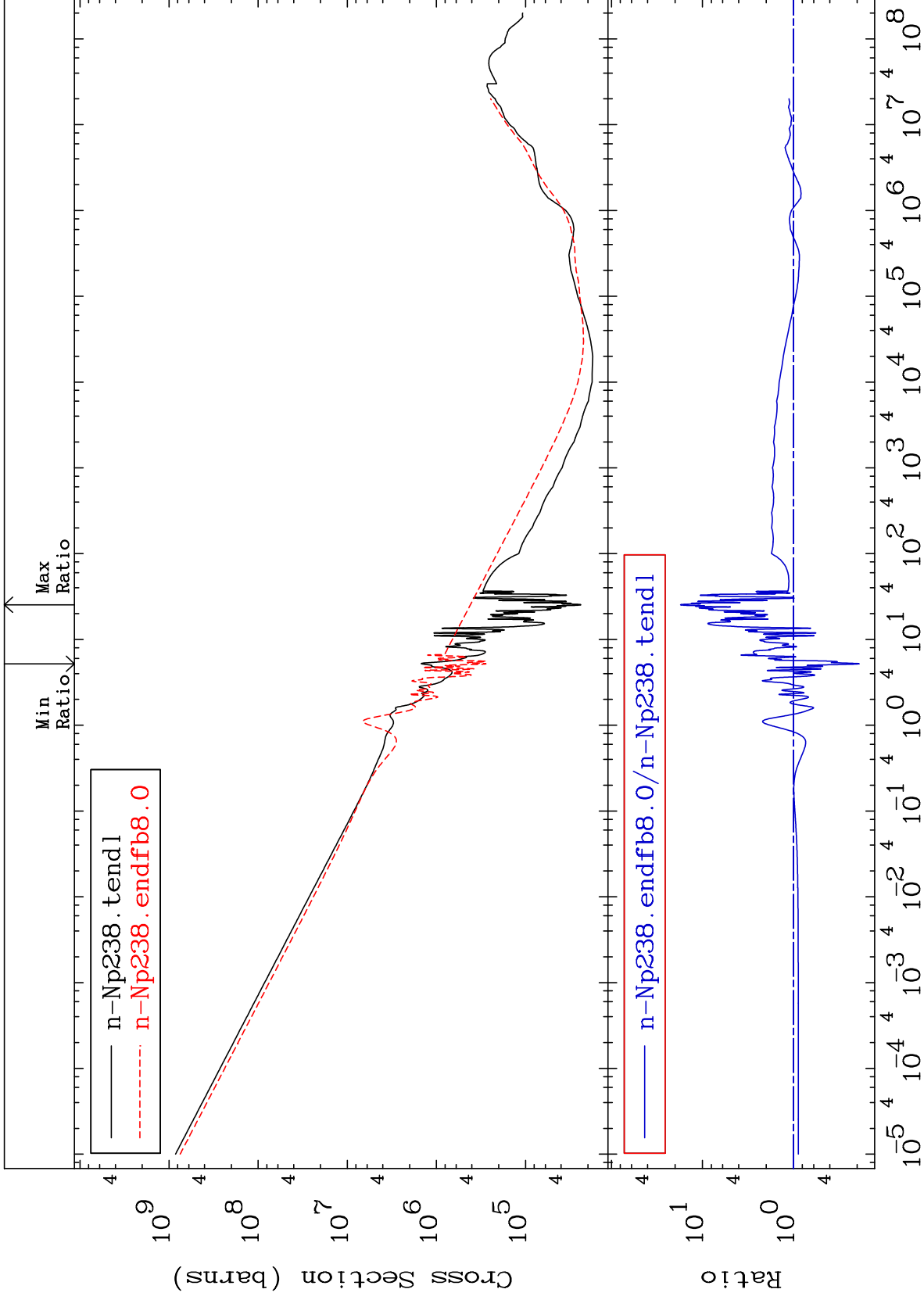




MAT 9349

Dpa total (eV-barns)
Cross Section

93-Np-238
-81.08 To 1650. %



MAT 9349

Dpa elastic (mt2)
Cross Section

93-Np-238
-37.88 To 31.29 %

