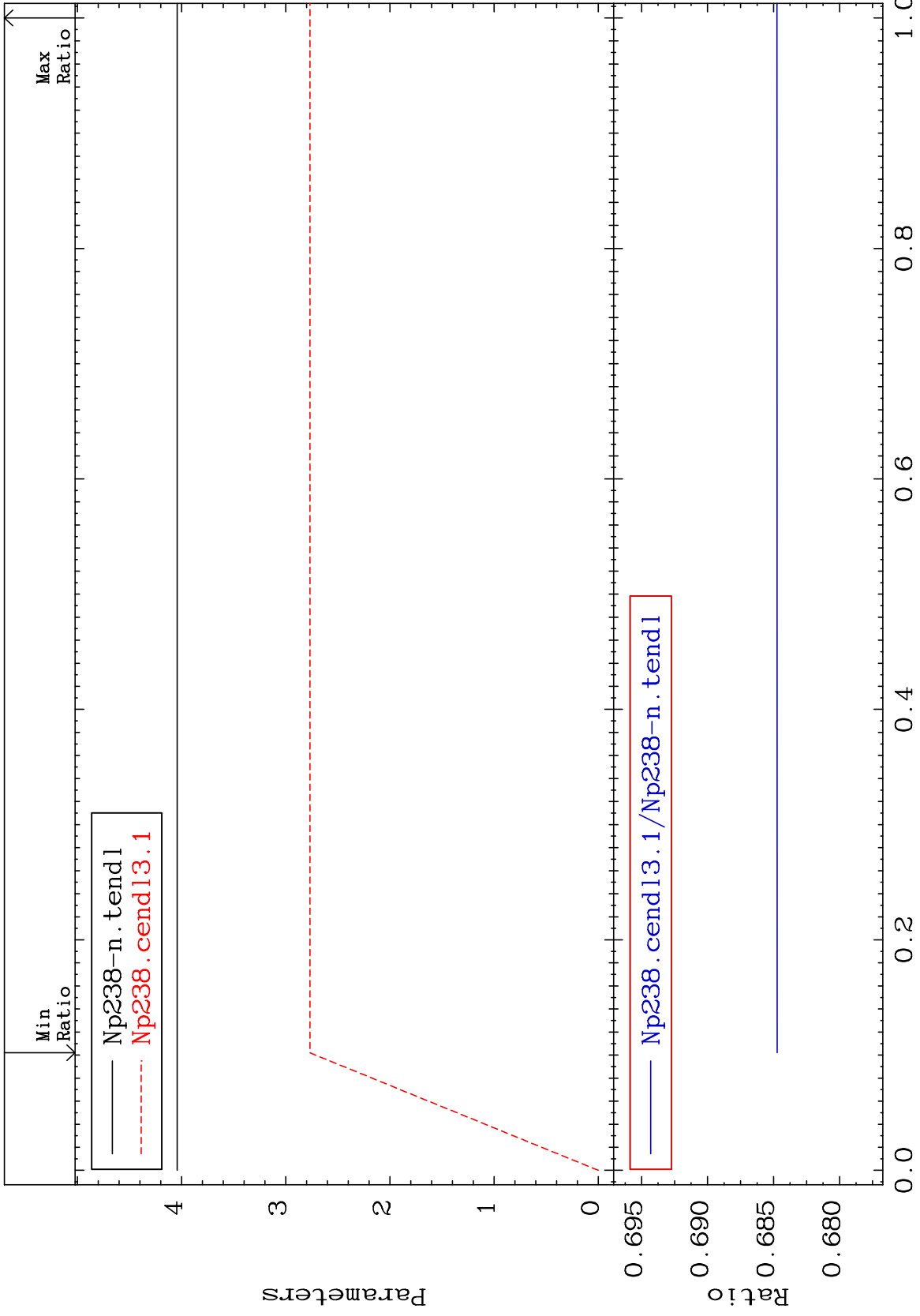
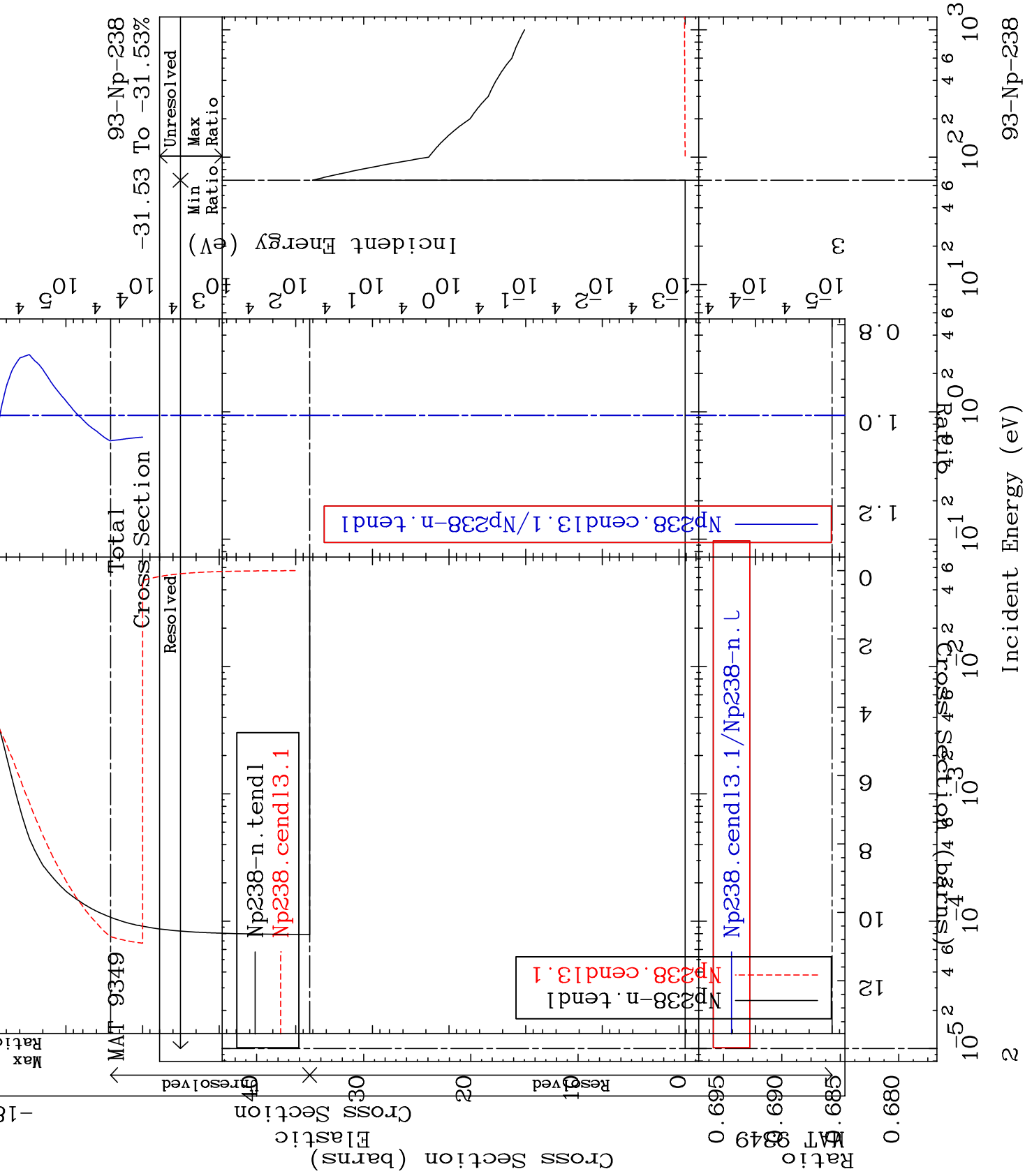


MAT 9349

Total $\bar{\nu}$
Parameters

93-Np-238
-31.53 To -31.53%

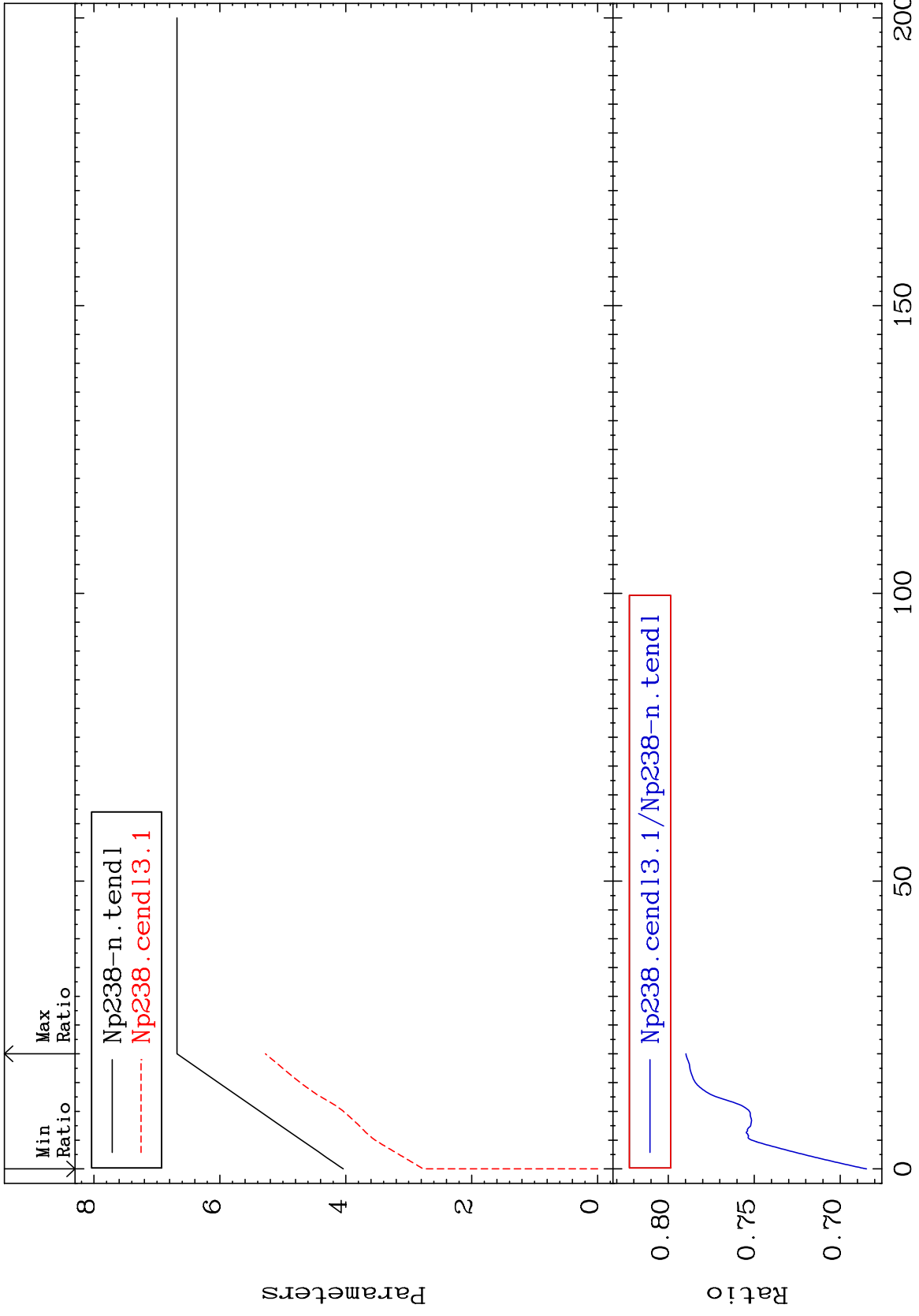




MAT 9349

Total $\bar{\nu}$
Parameters

93-Np-238
-31.53 To -21.03%



Incident Energy (MeV)

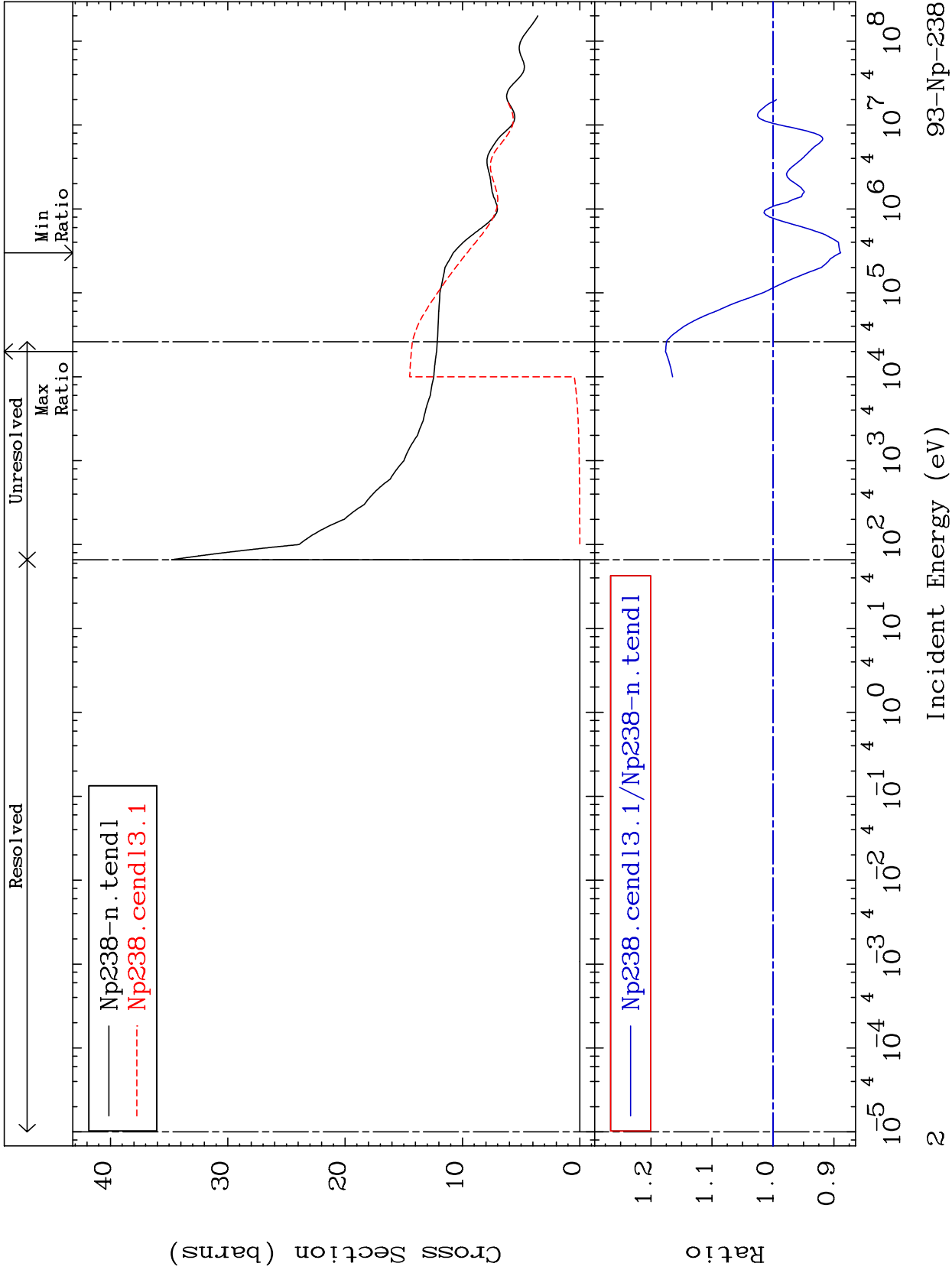
93-Np-238

1

MAT 9349

Total
Cross Section

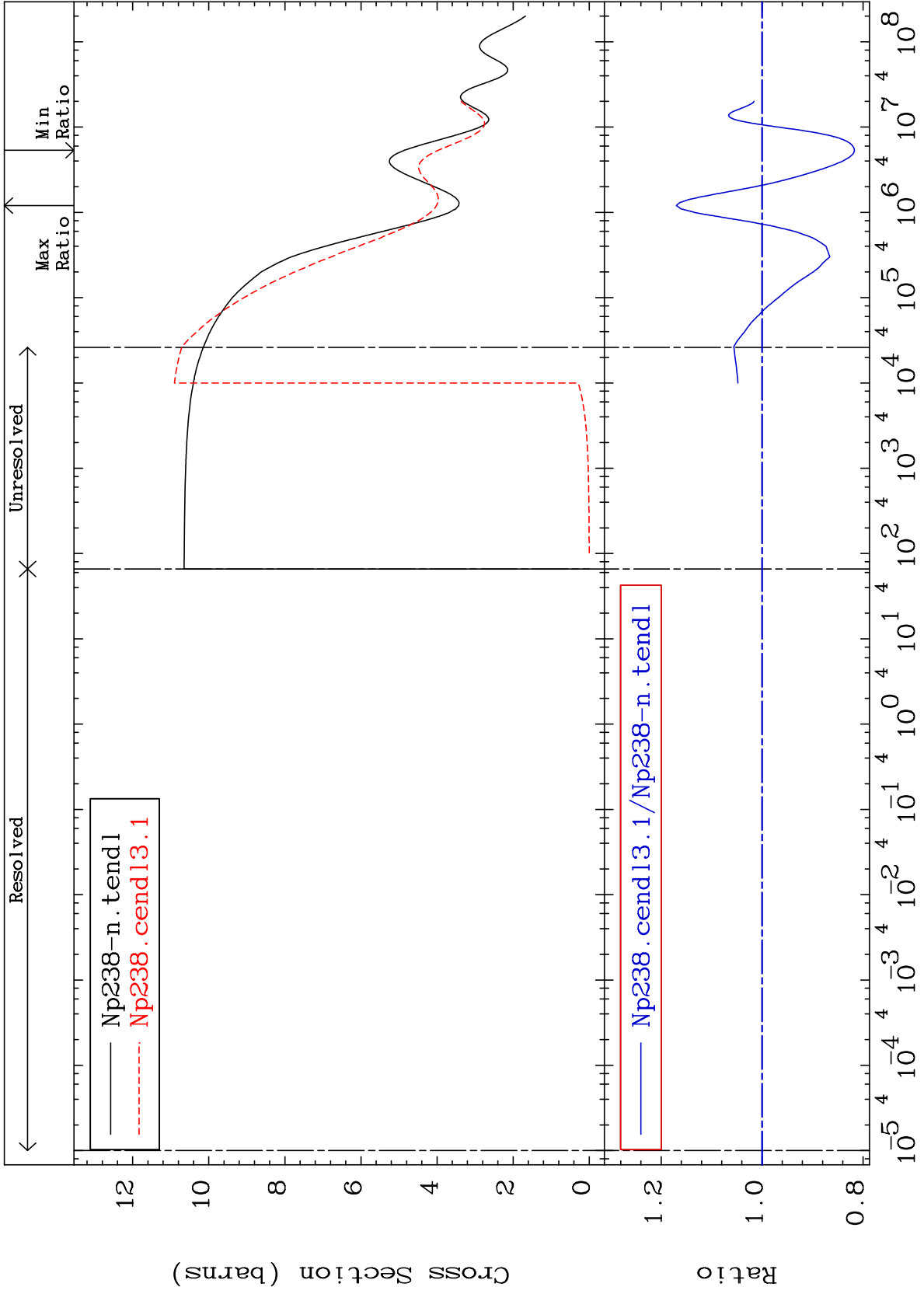
93-Np-238
-11.09 To 17.62 %



MAT 9349

Elastic
Cross Section

93-Np-238
-18.29 To 16.98 %



3

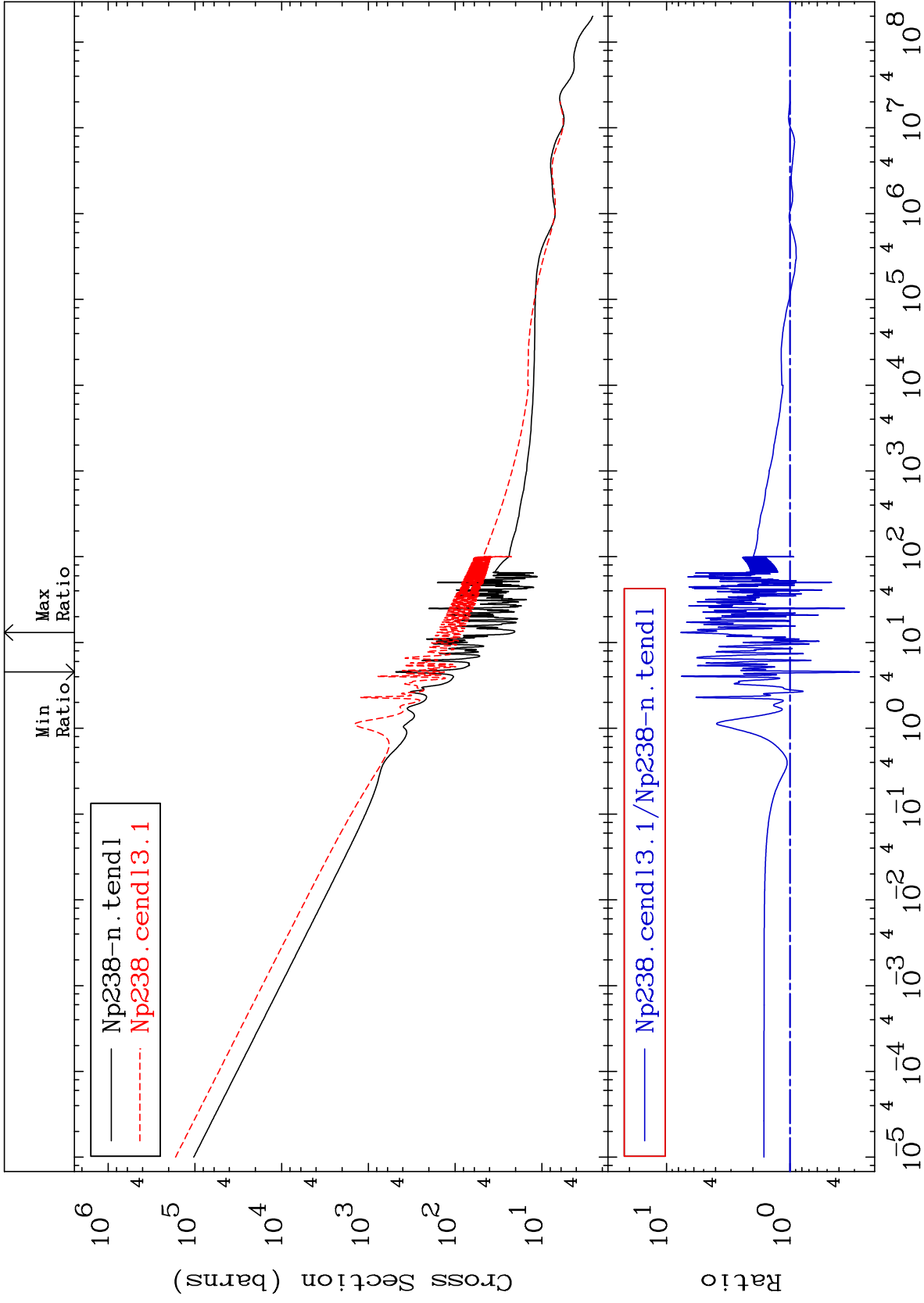
Incident Energy (eV)

93-Np-238

MAT 9349

Total
Cross Section

93-Np-238
-72.64 To 672.3 %



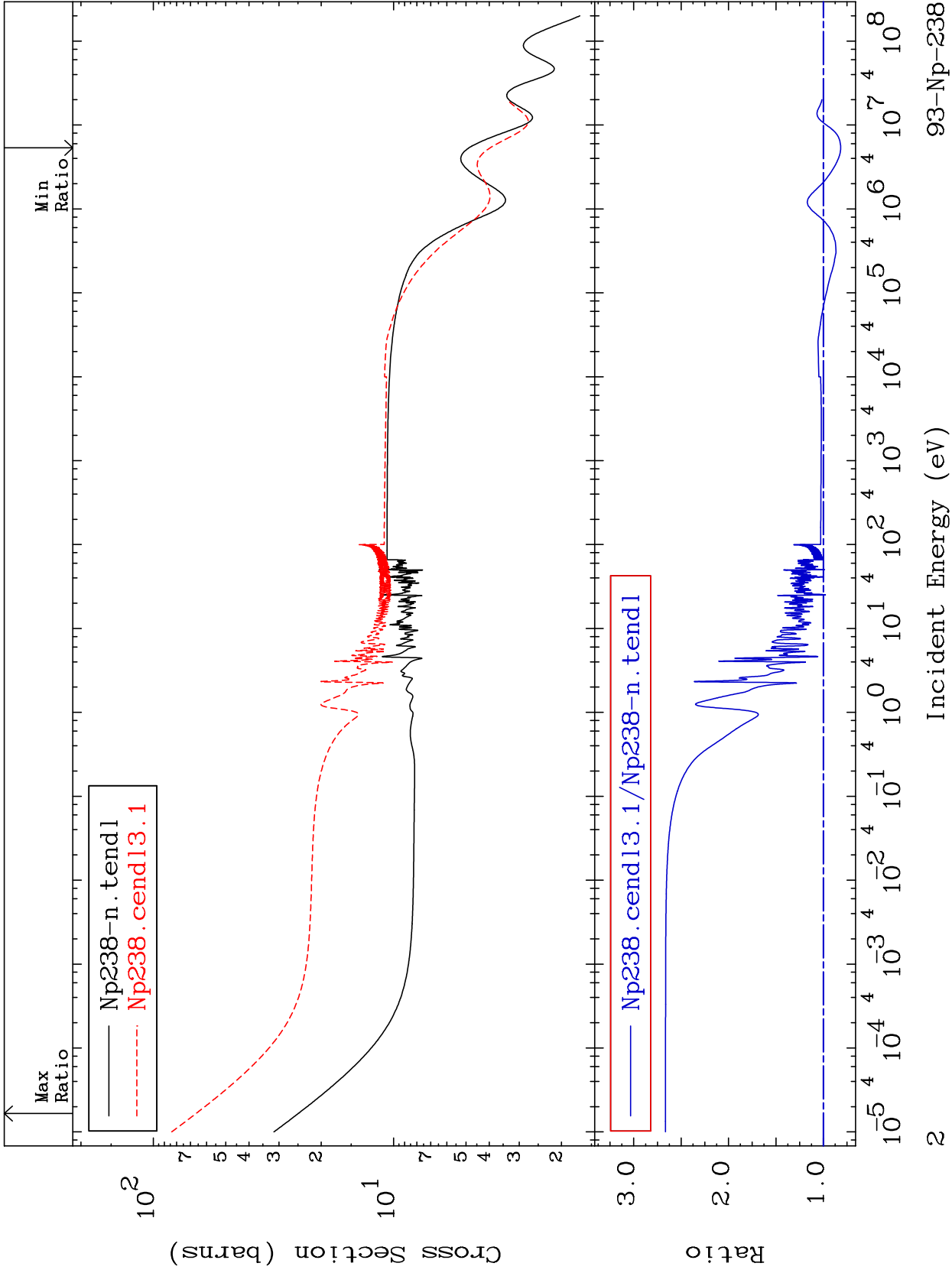
93-Np-238

Incident Energy (eV)

MAT 9349

Elastic
Cross Section

93-Np-238
-18.29 To 166.5 %

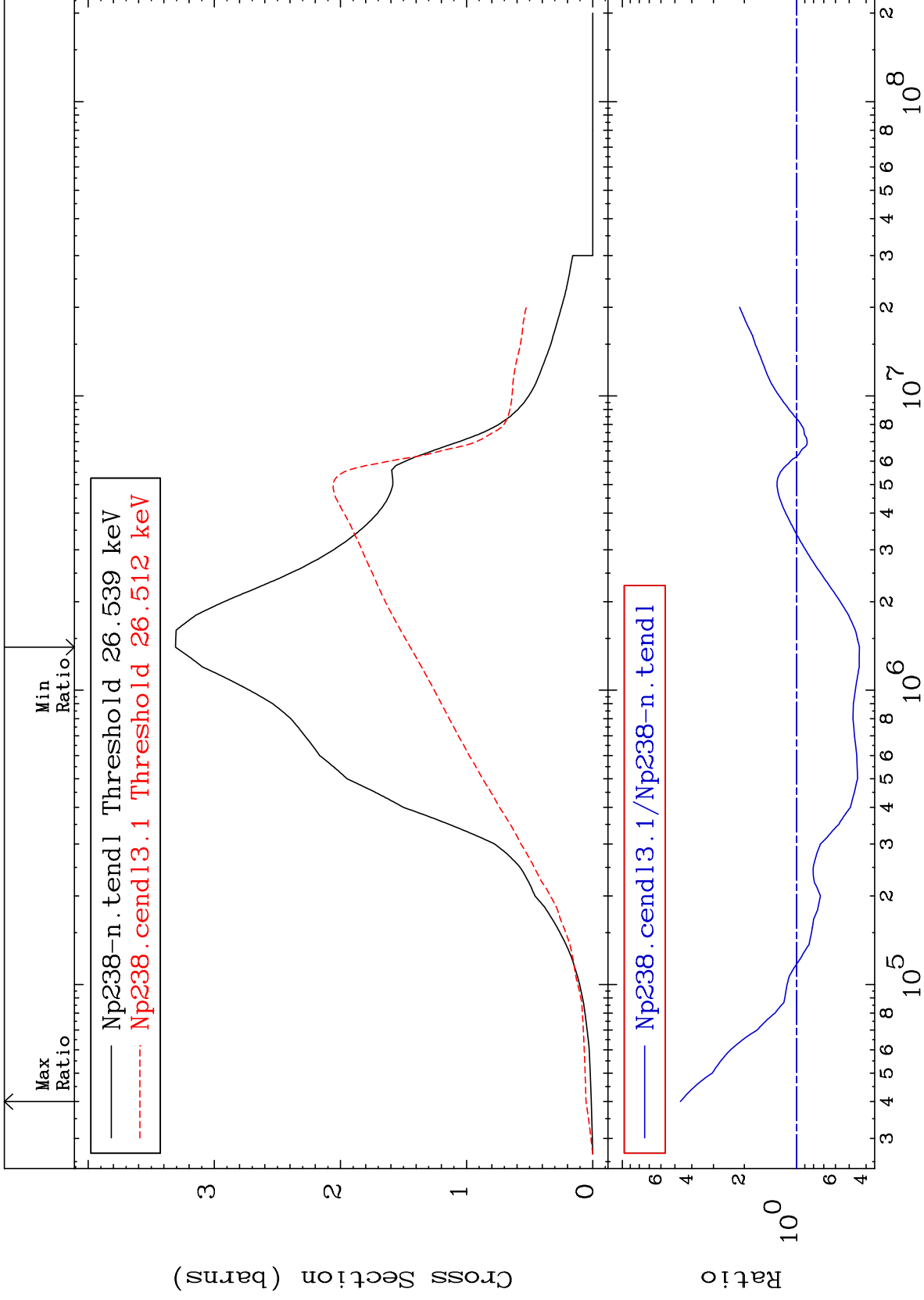


93-Np-238

MAT 9349

Inelastic
Cross Section

93-Np-238
-56.29 To 364.8 %



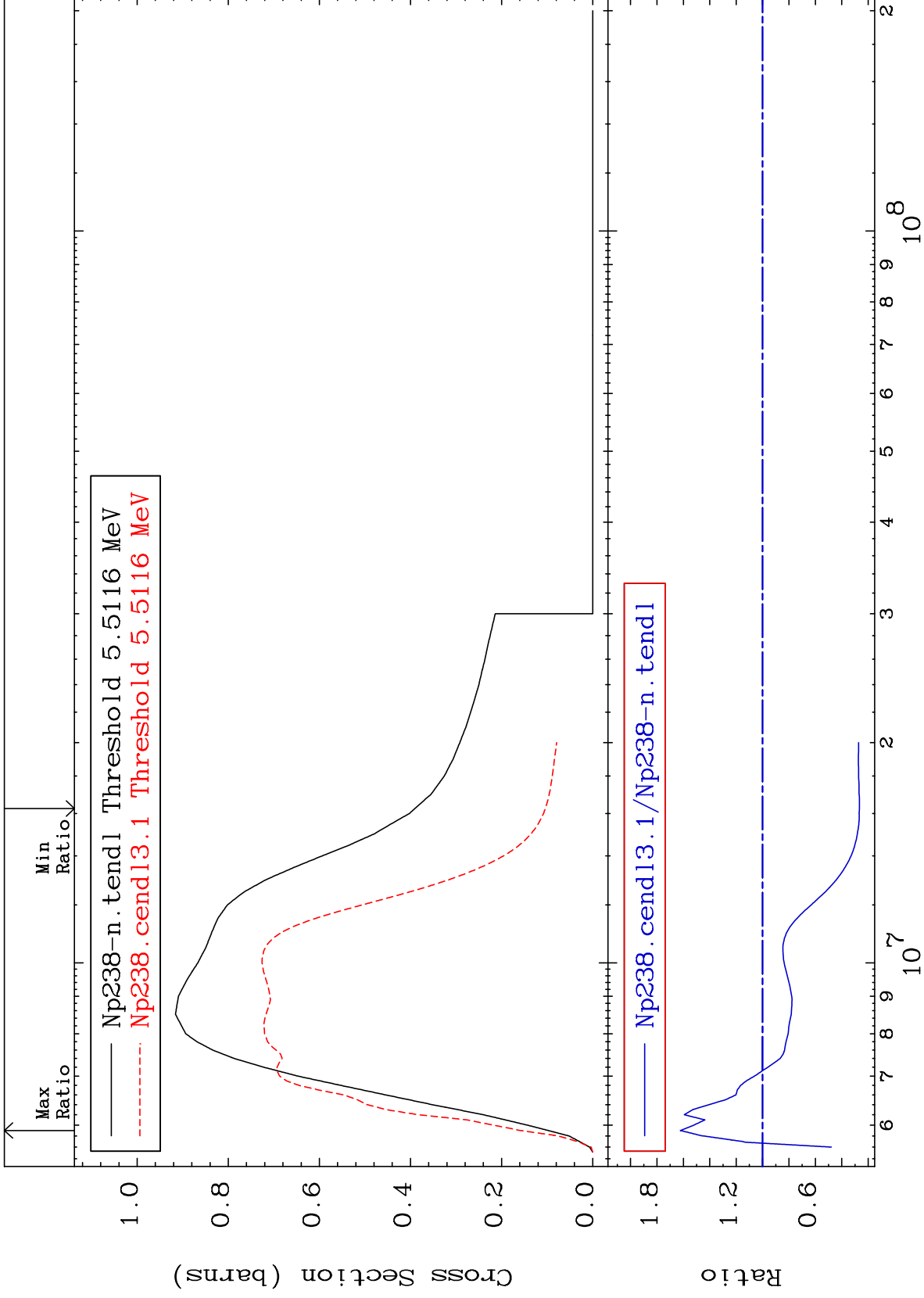
MAT 9349

(n,2n)

93-Np-238

Cross Section

-73.39 To 62.29 %



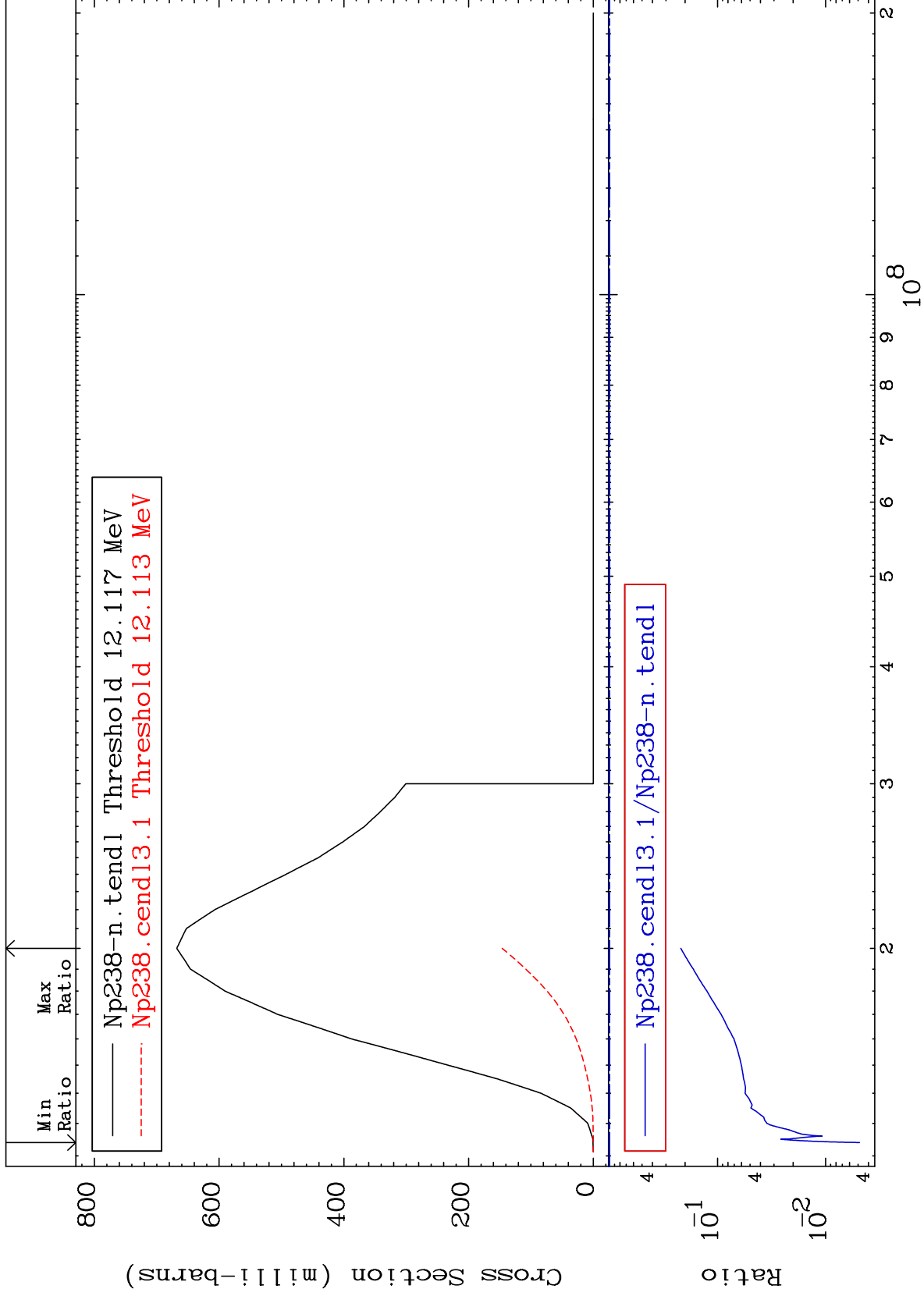
MAT 9349

(n, 3n)

93-Np-238

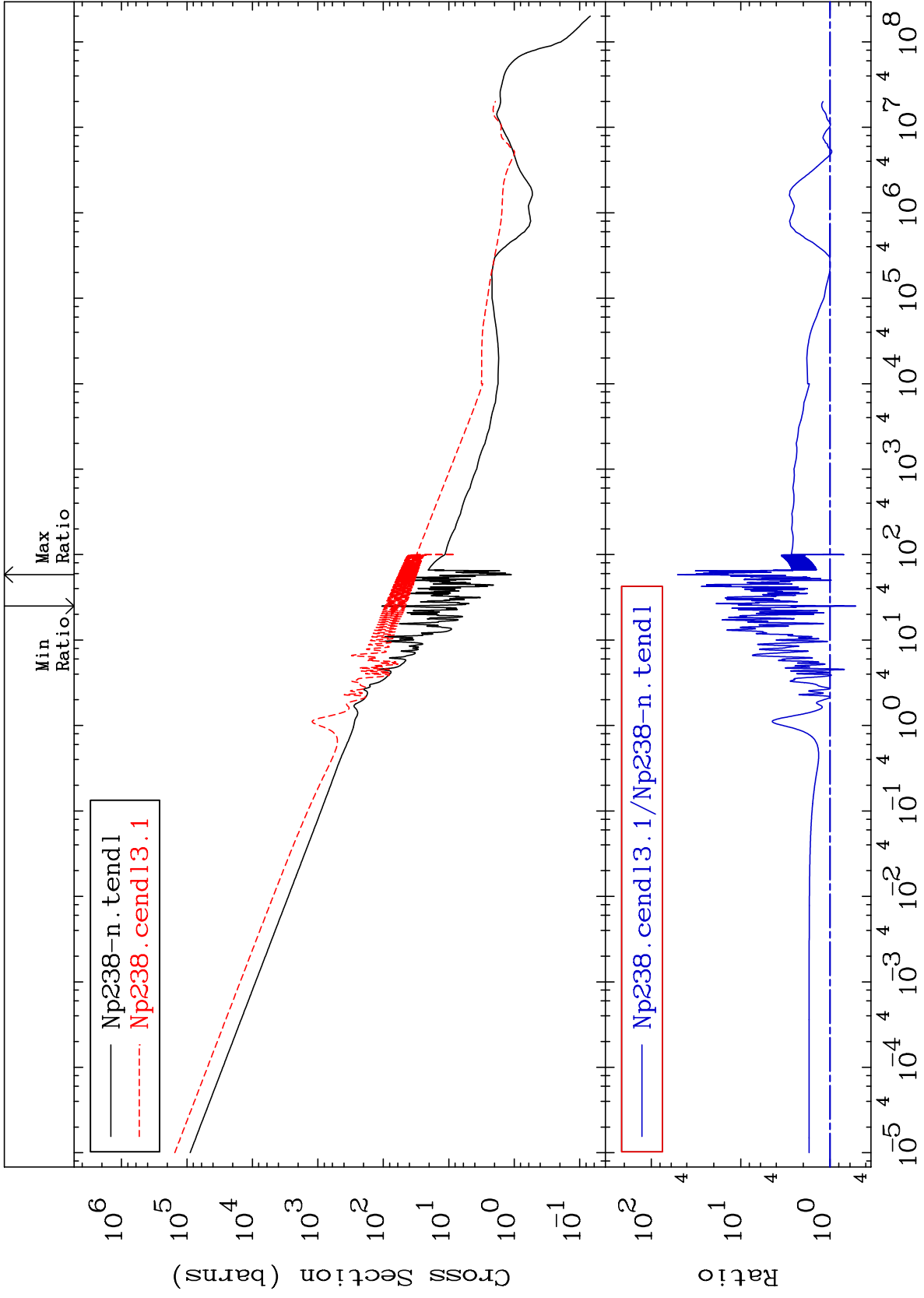
Cross Section

-99.51 To -78.10%



MAT 9349

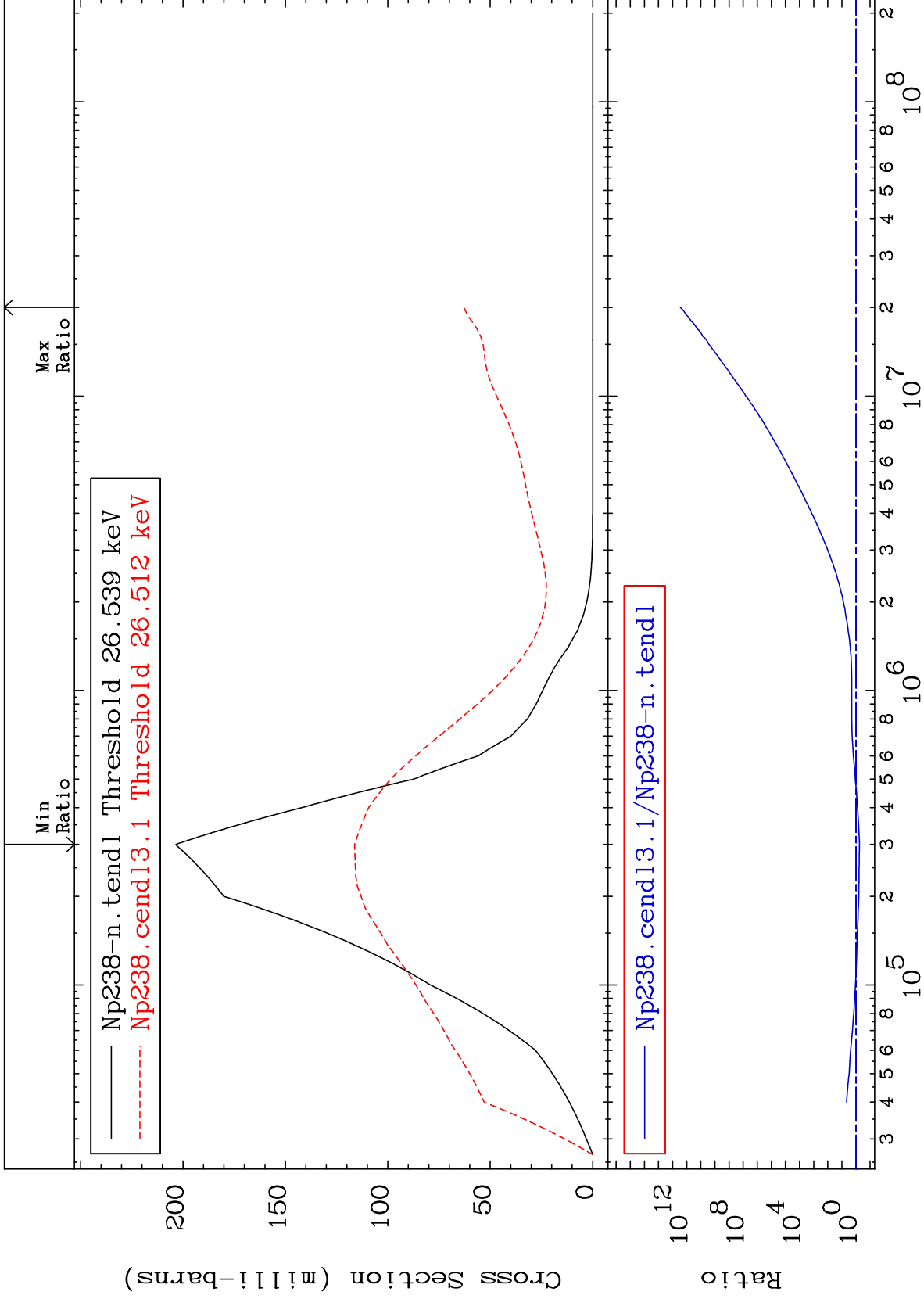
Fission Cross Section
93-Np-238
-48.38 To 4993. %



MAT 9349

26.43 keV (n,n') Level
Cross Section

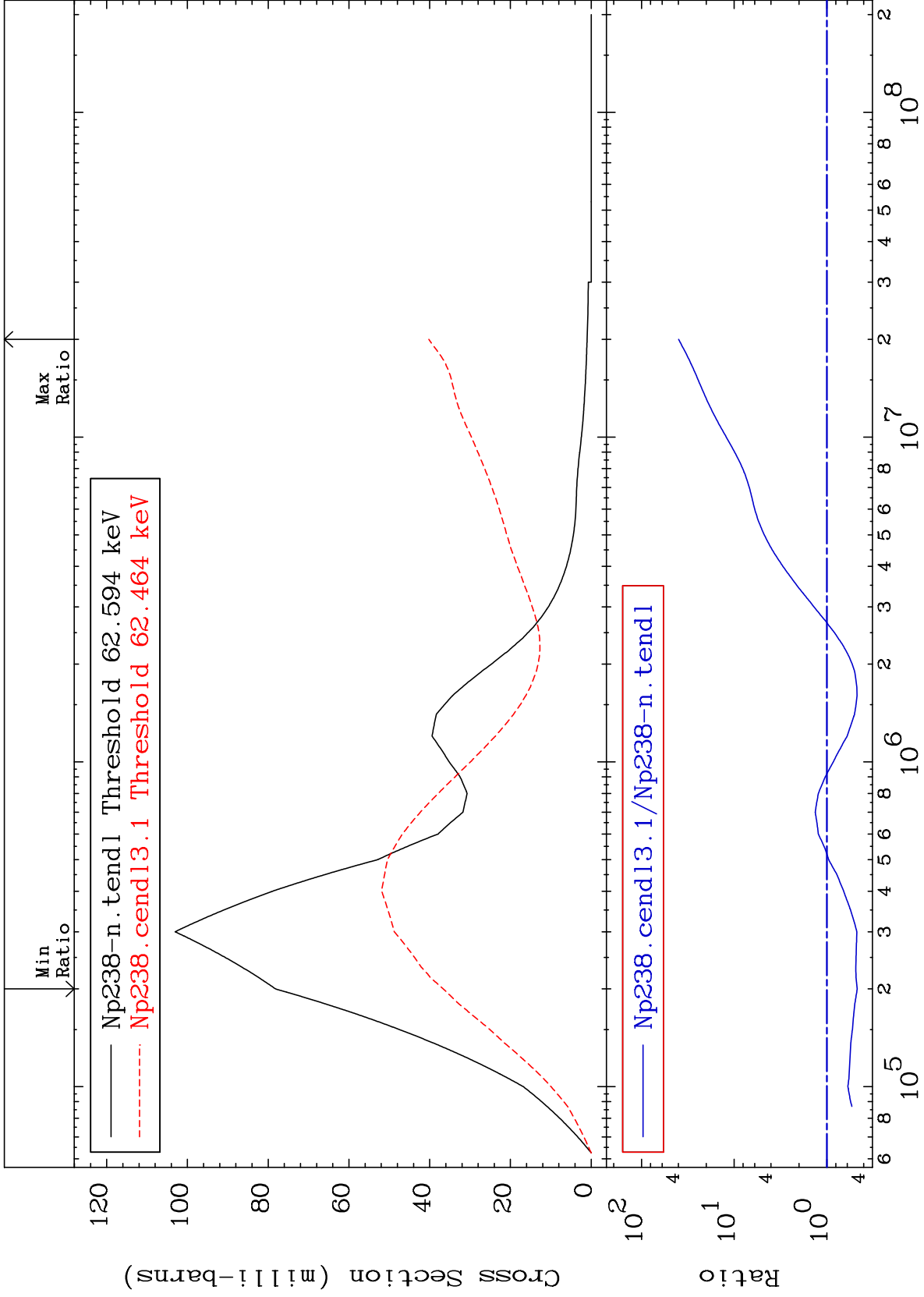
93-Np-238
-42.92 To 9999. %



MAT 9349

62.33 keV (n,n') Level
Cross Section

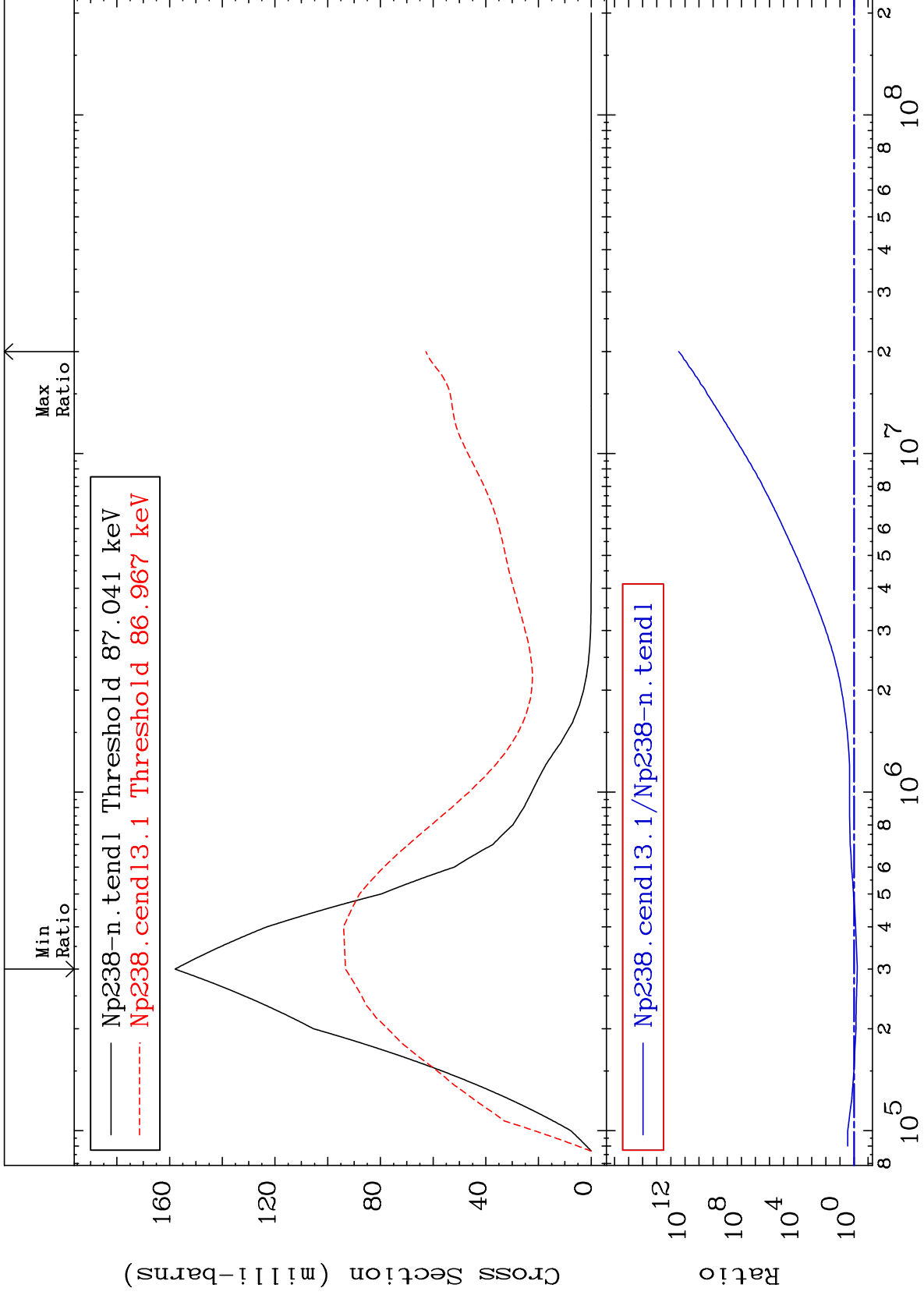
93-Np-238
-53.13 To 3881. %



MAT 9349

86.67 keV (n,n') Level
Cross Section

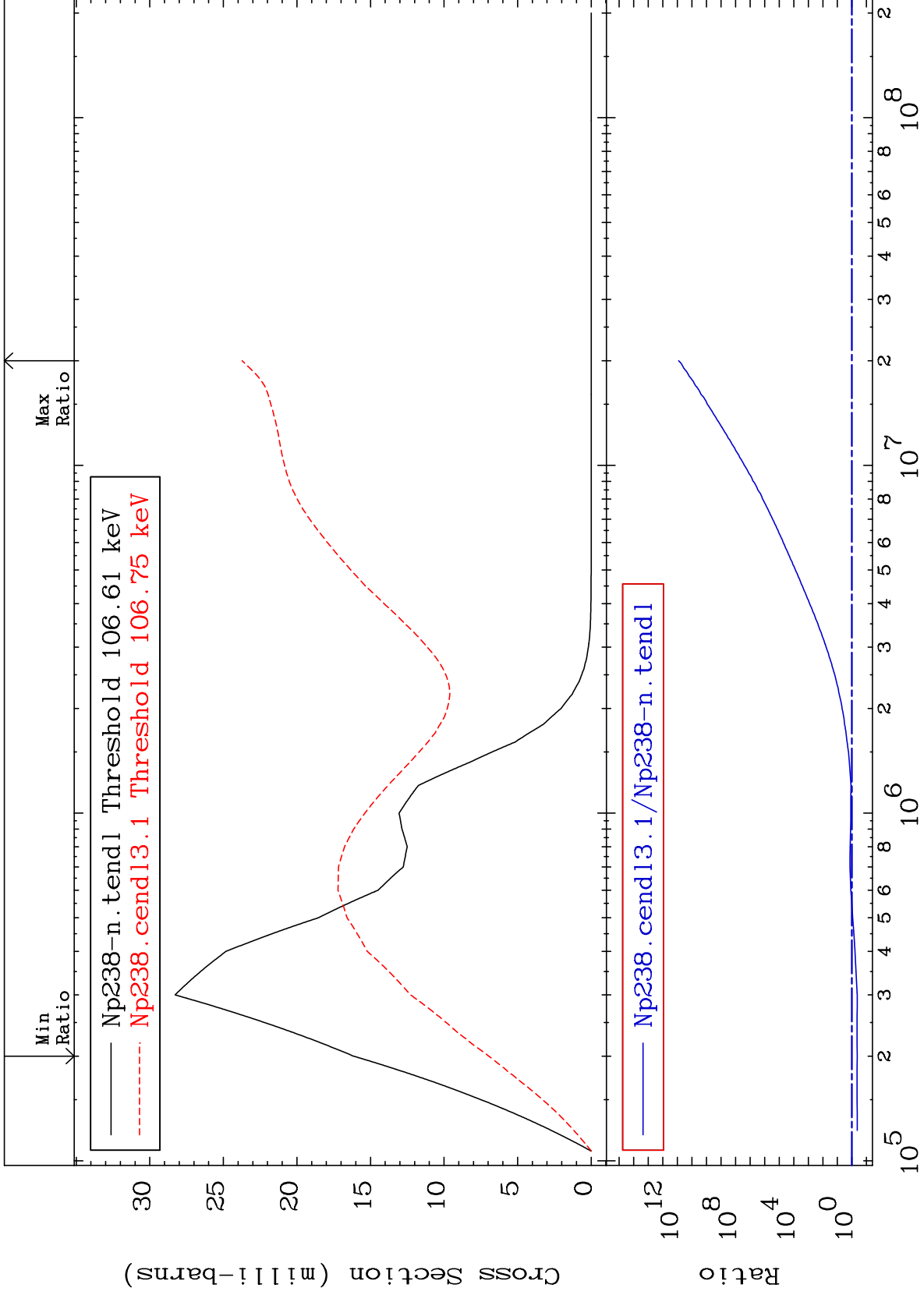
93-Np-238
-40.95 To 9999. %



MAT 9349

106.2 keV (n,n') Level
Cross Section

93-Np-238
-56.91 To 9999. %



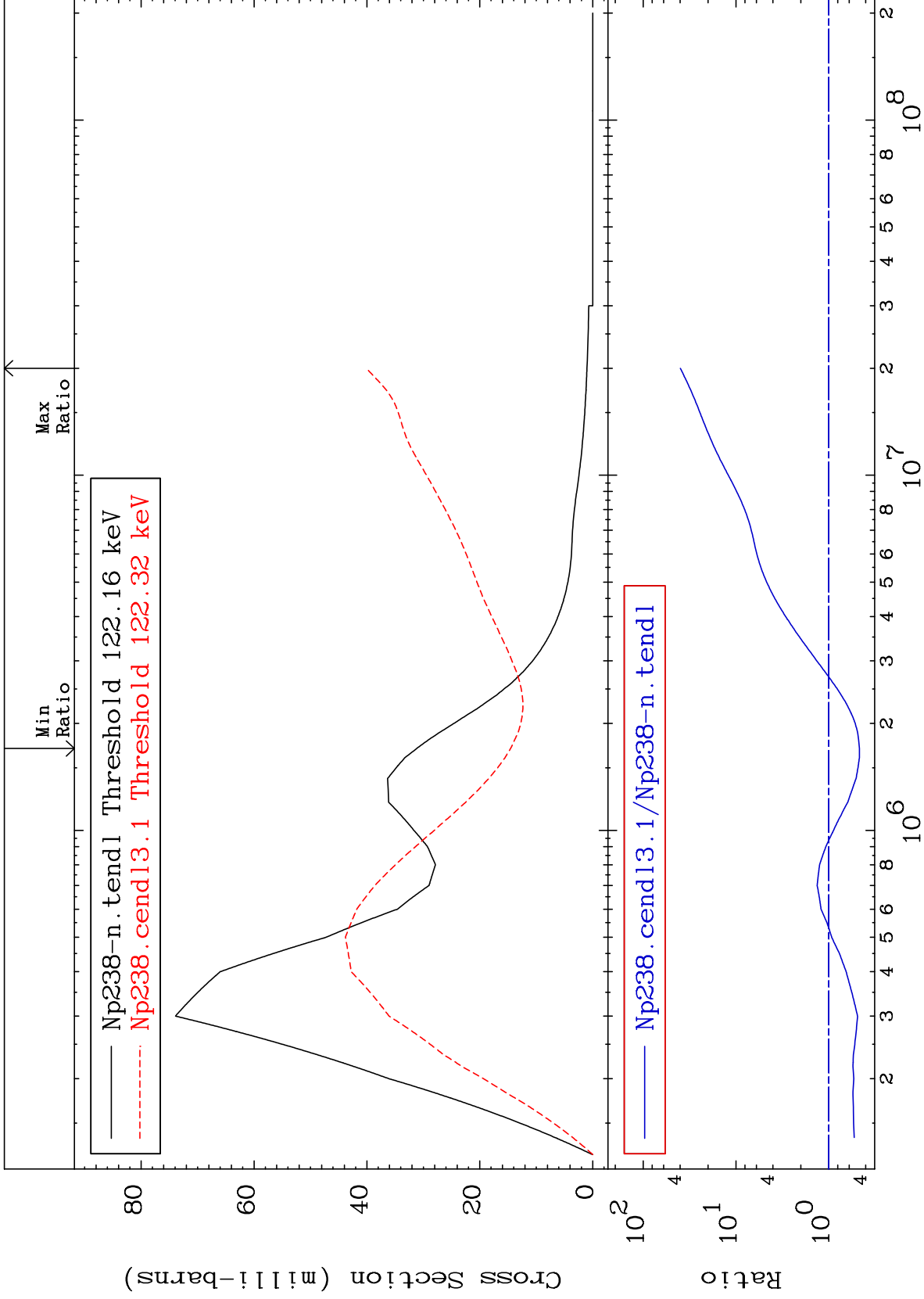
93-Np-238

Incident Energy (eV)

MAT 9349

121.6 keV (n,n') Level
Cross Section

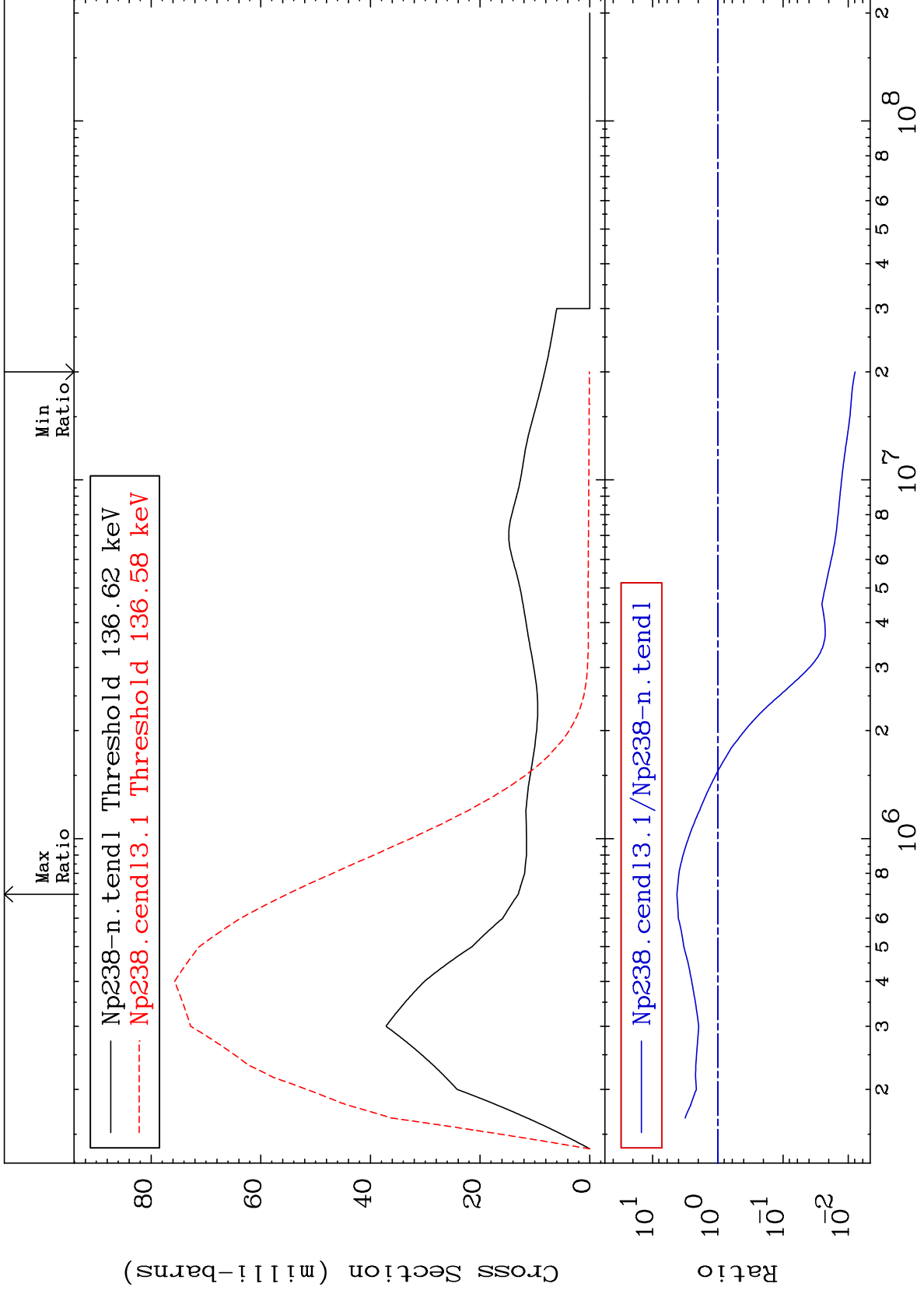
93-Np-238
-53.38 To 3870. %



MAT 9349

136.0 keV (n,n') Level
Cross Section

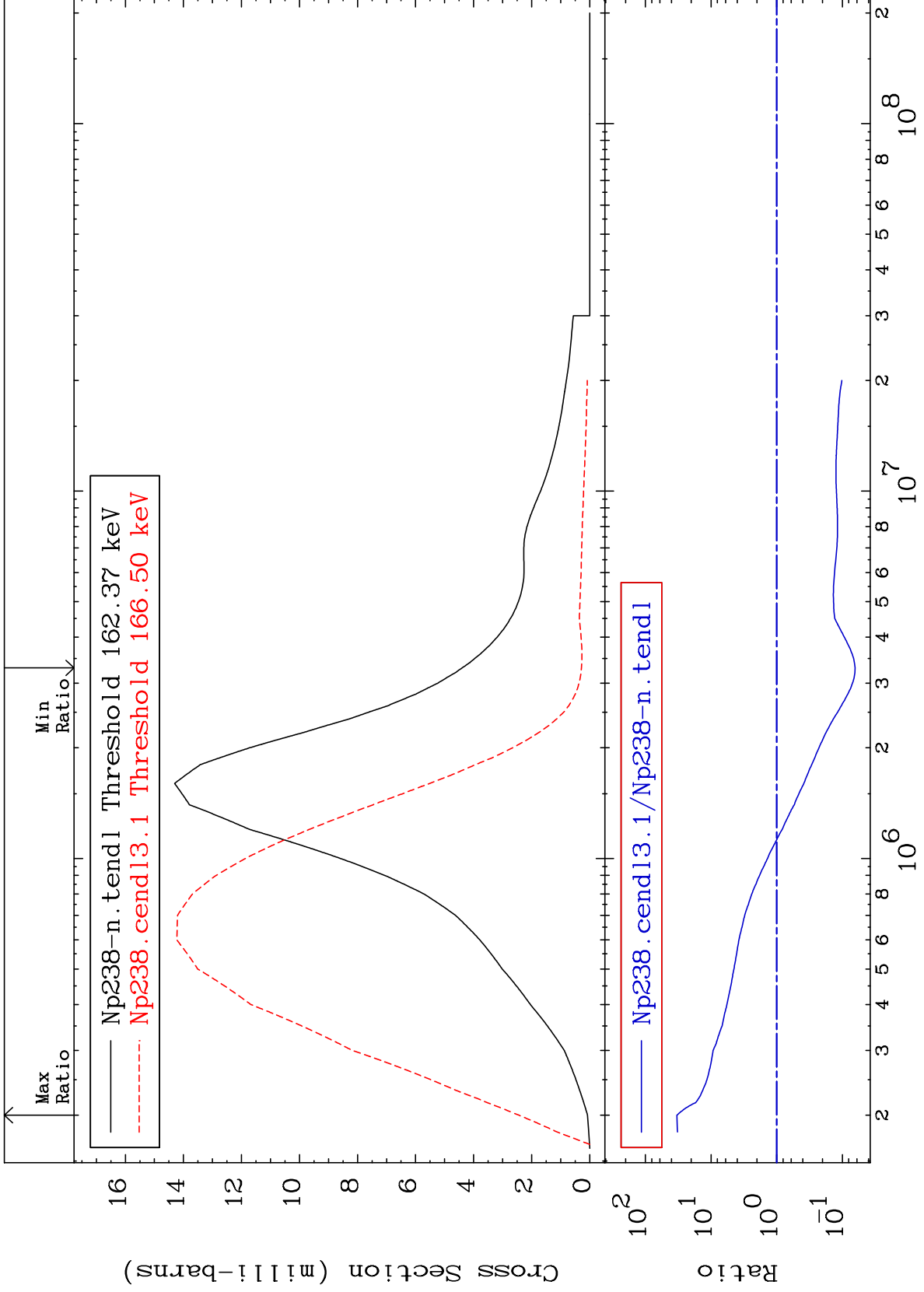
93-Np-238
-99.21 To 323.3 %



MAT 9349

161.7 keV (n,n') Level
Cross Section

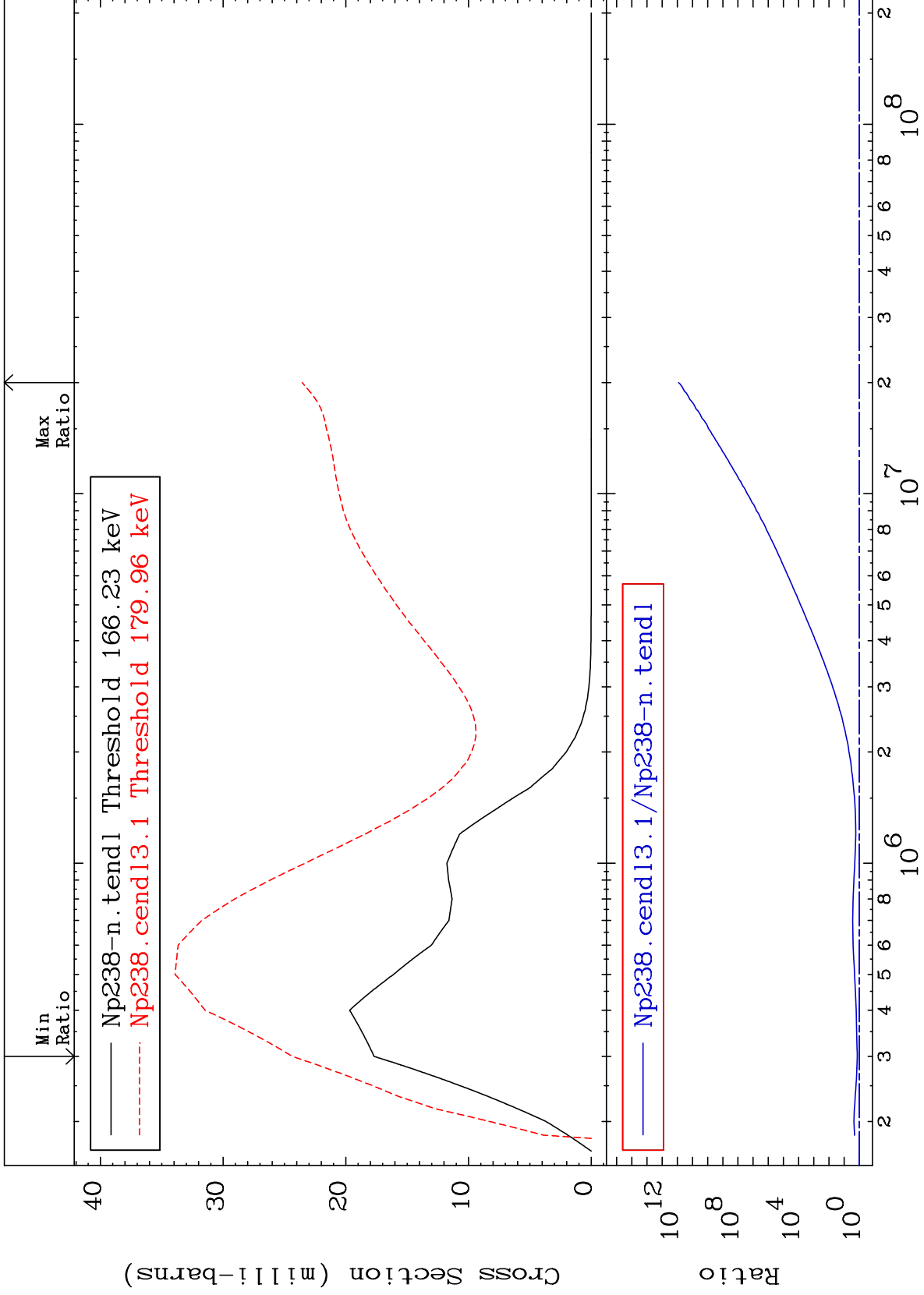
93-Np-238
-93.59 To 3204. %



MAT 9349

165.5 keV (n,n') Level
Cross Section

93-Np-238
37.61 To 9999. %



14

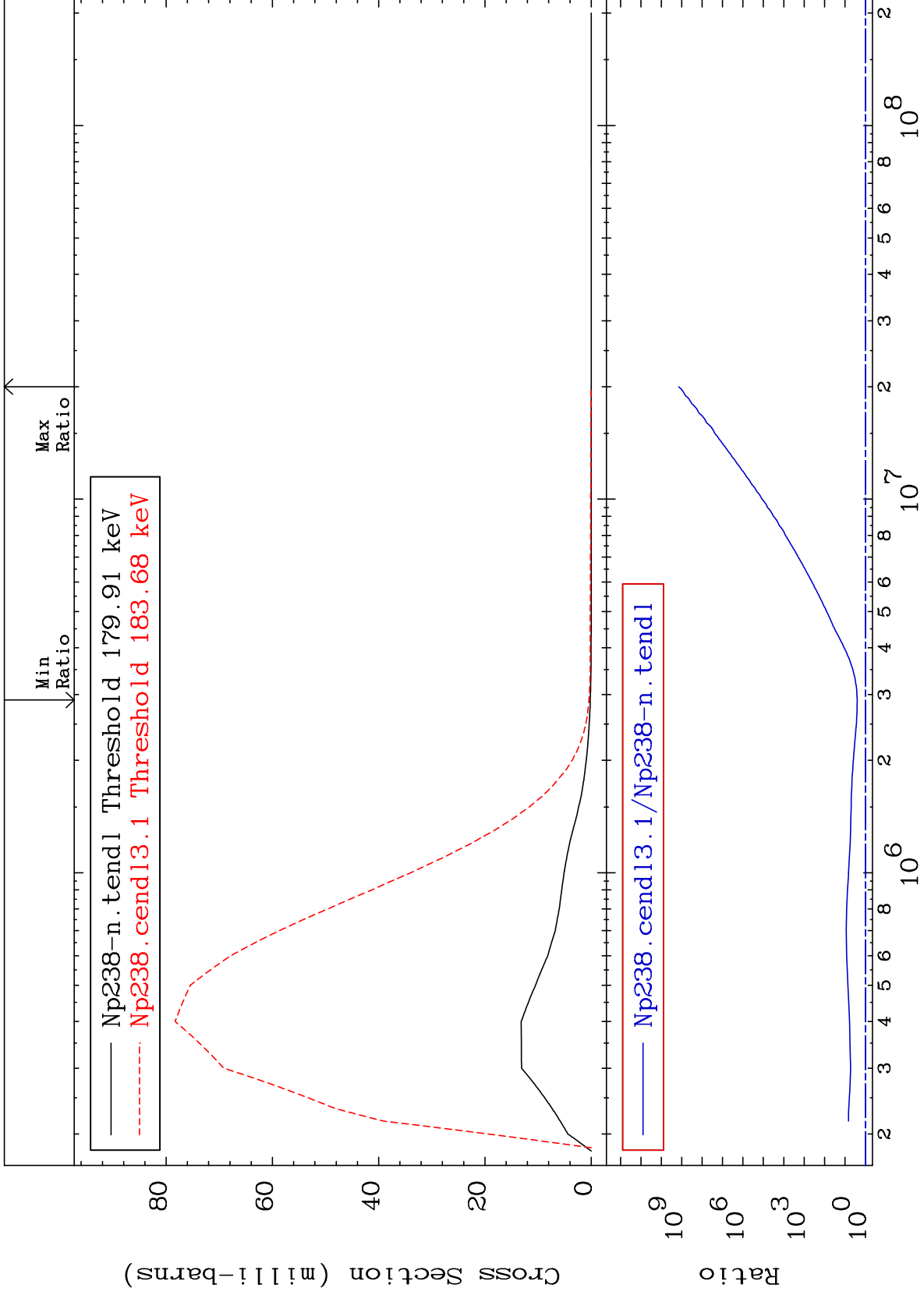
Incident Energy (eV)

93-Np-238

MAT 9349

179.2 keV (n,n') Level
Cross Section

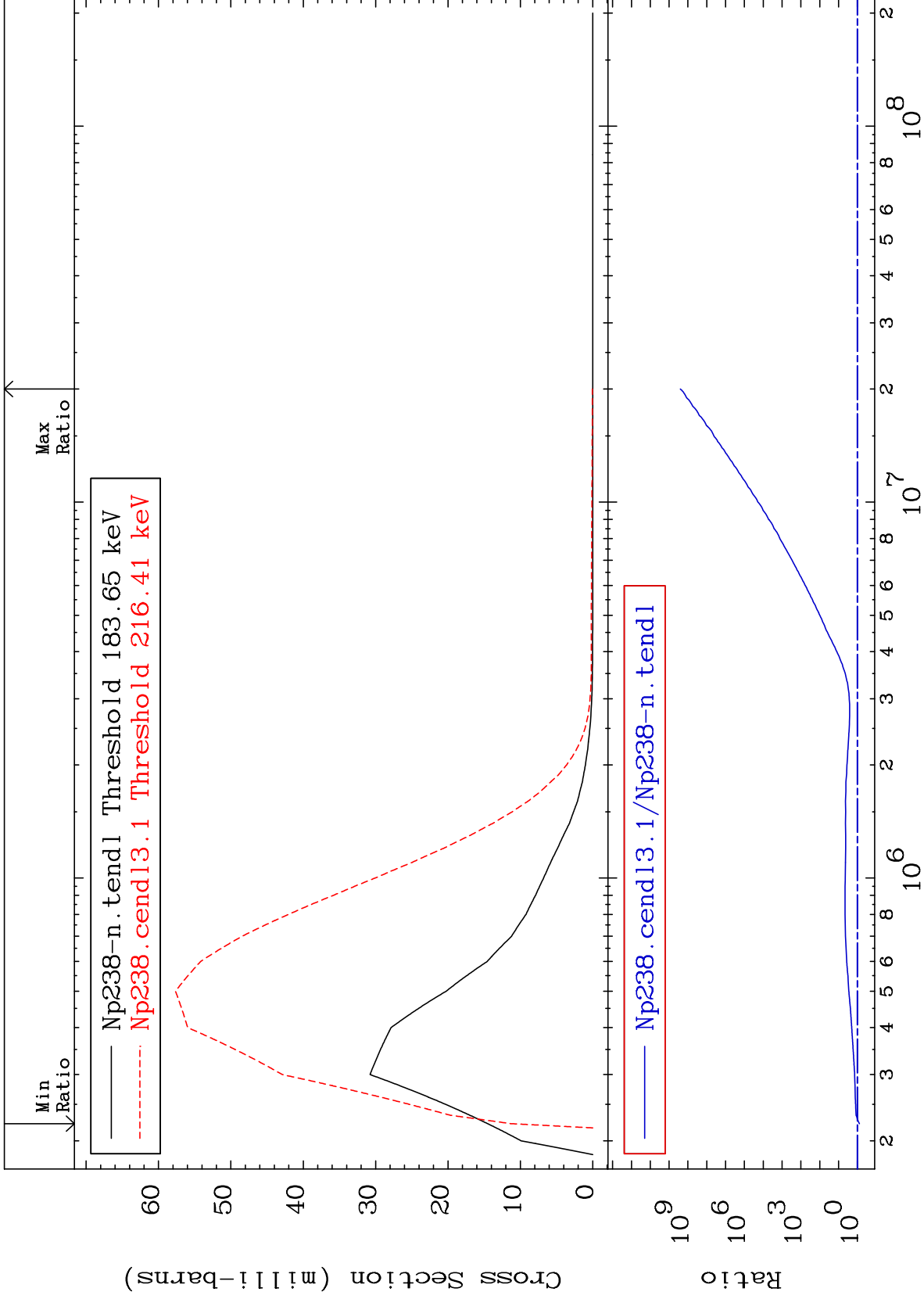
93-Np-238
149.2 To 9999. %



MAT 9349

182.9 keV (n,n') Level
Cross Section

93-Np-238
-21.98 To 9999. %



16

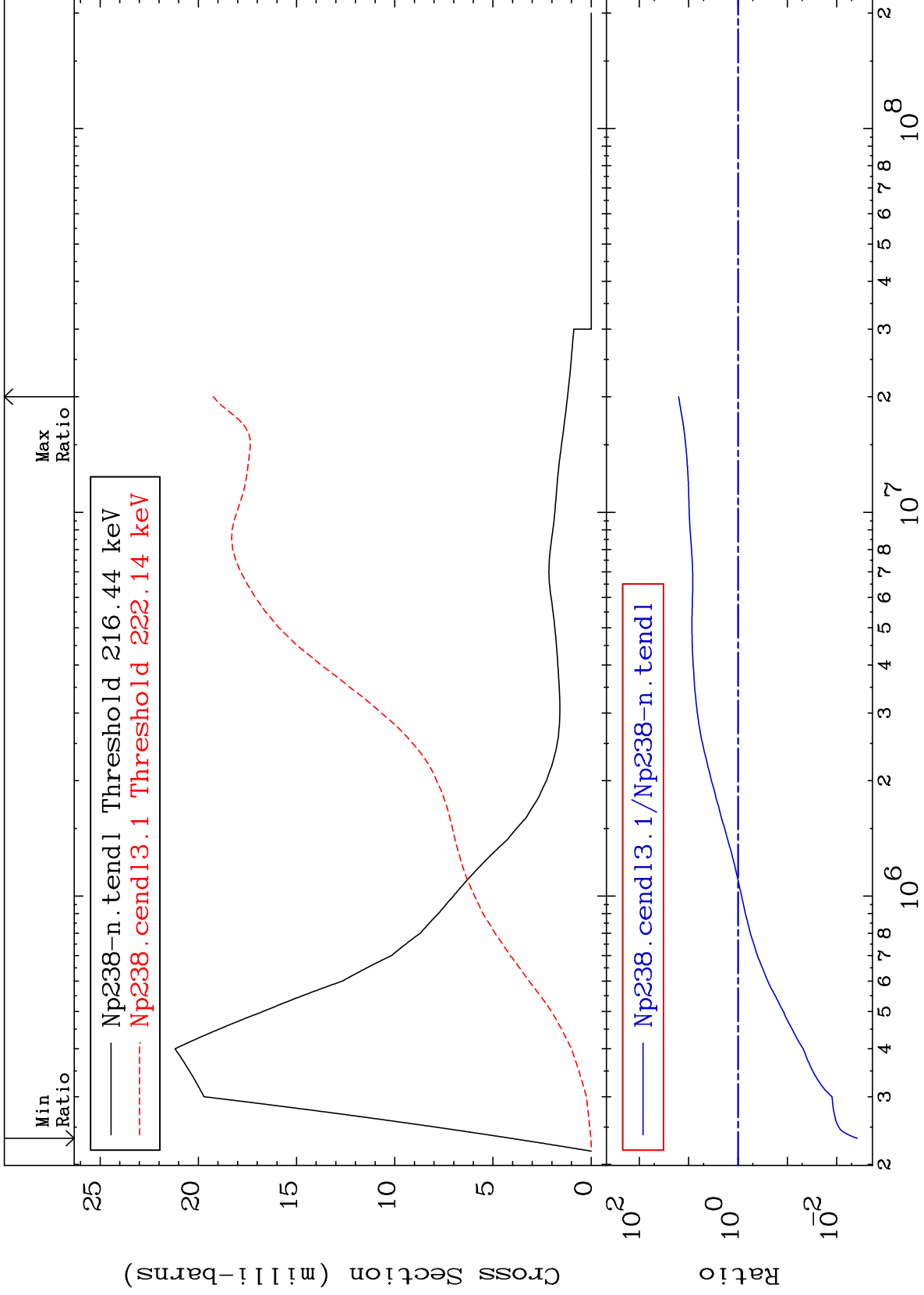
Incident Energy (eV)

93-Np-238

MAT 9349

215.5 keV (n,n') Level
Cross Section

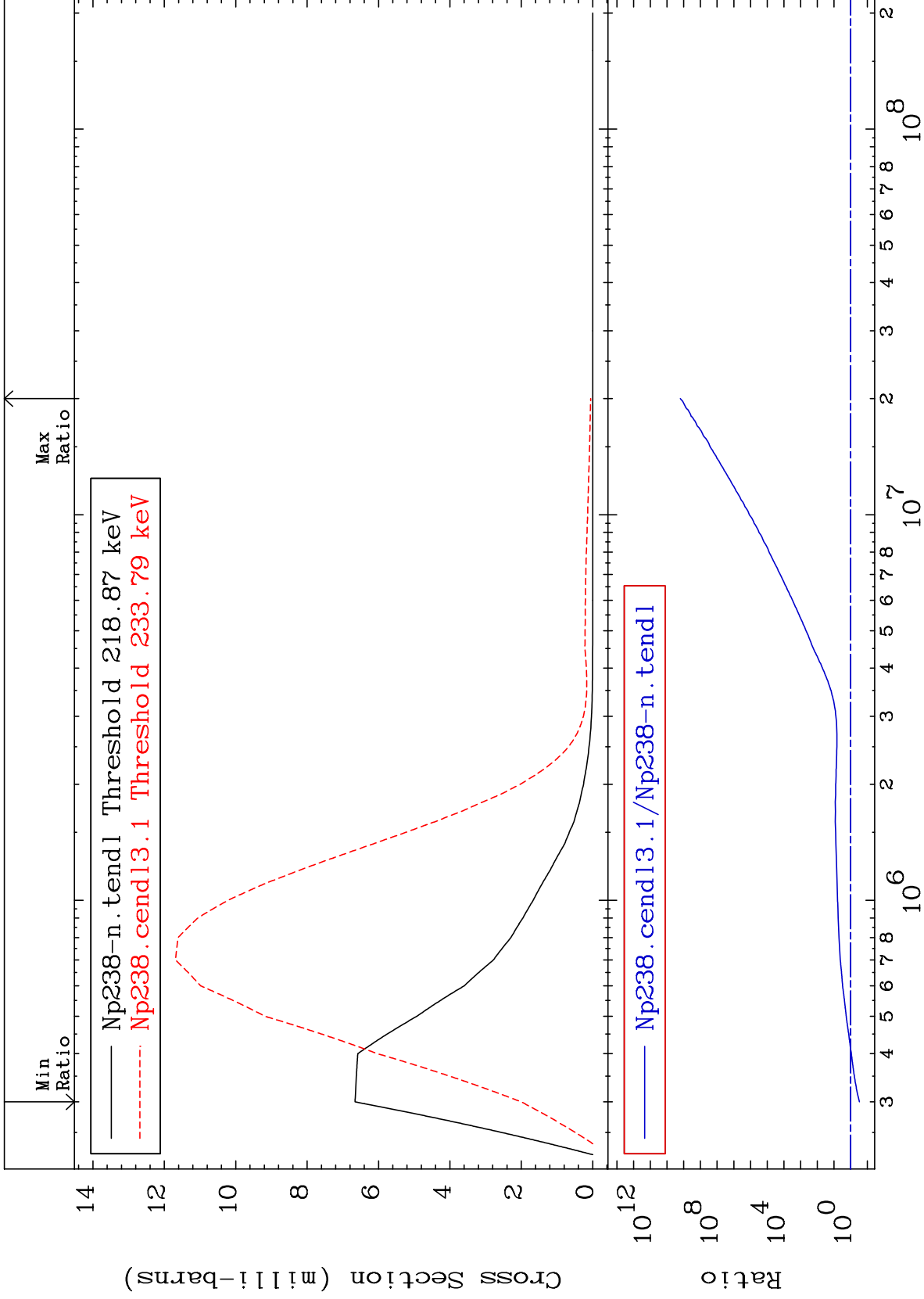
93-Np-238
-99.62 To 1497. %



MAT 9349

217.9 keV (n,n') Level
Cross Section

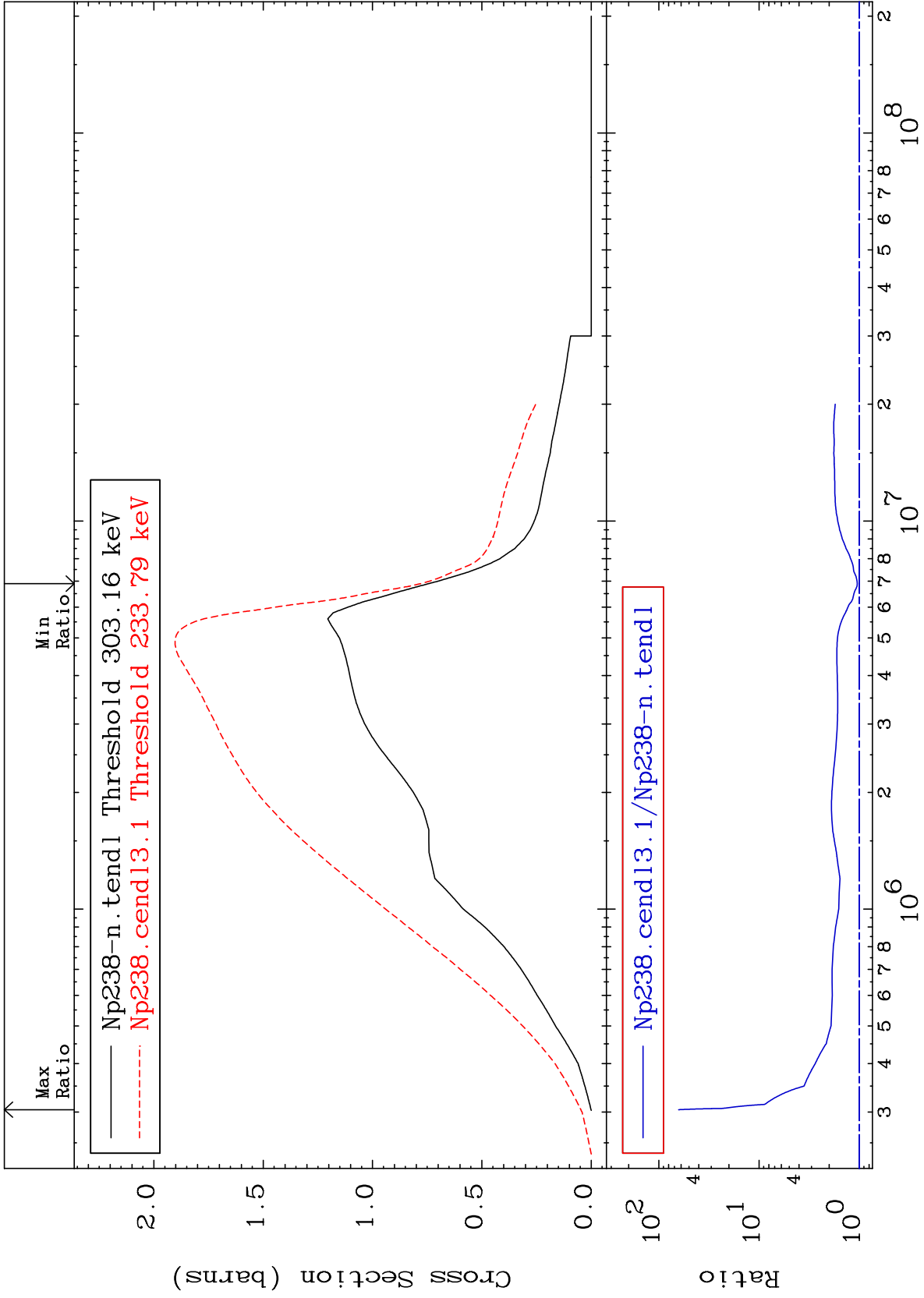
93-Np-238
-69.94 To 9999. %



MAT 9349

(n, n') Continuum
Cross Section

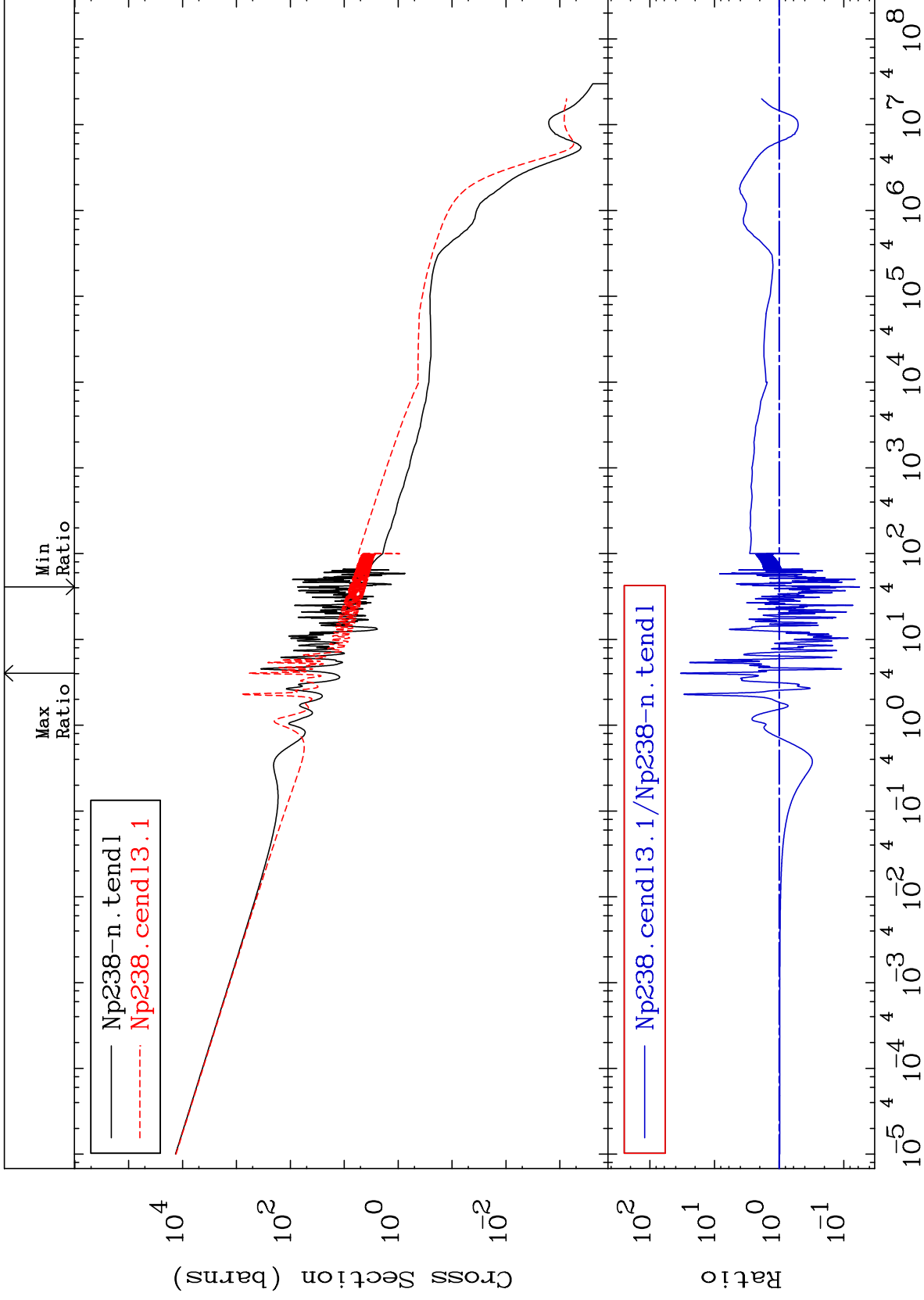
93-Np-238
4.897 To 6257. %



MAT 9349

(n, γ)
Cross Section

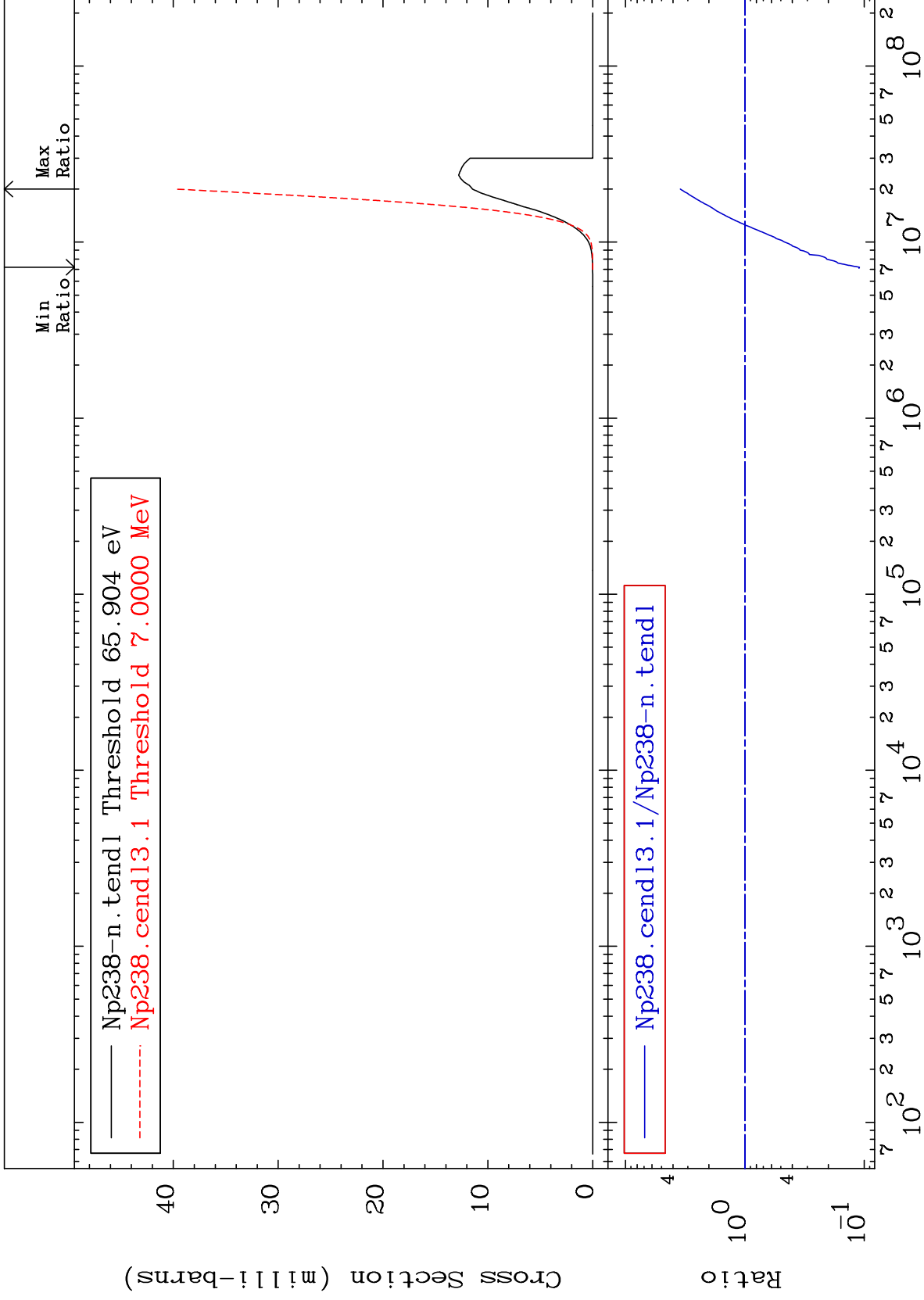
93-Np-238
-94.28 To 3285. %



MAT 9349

(n,p)
Cross Section

93-Np-238
-89.04 To 247.1 %



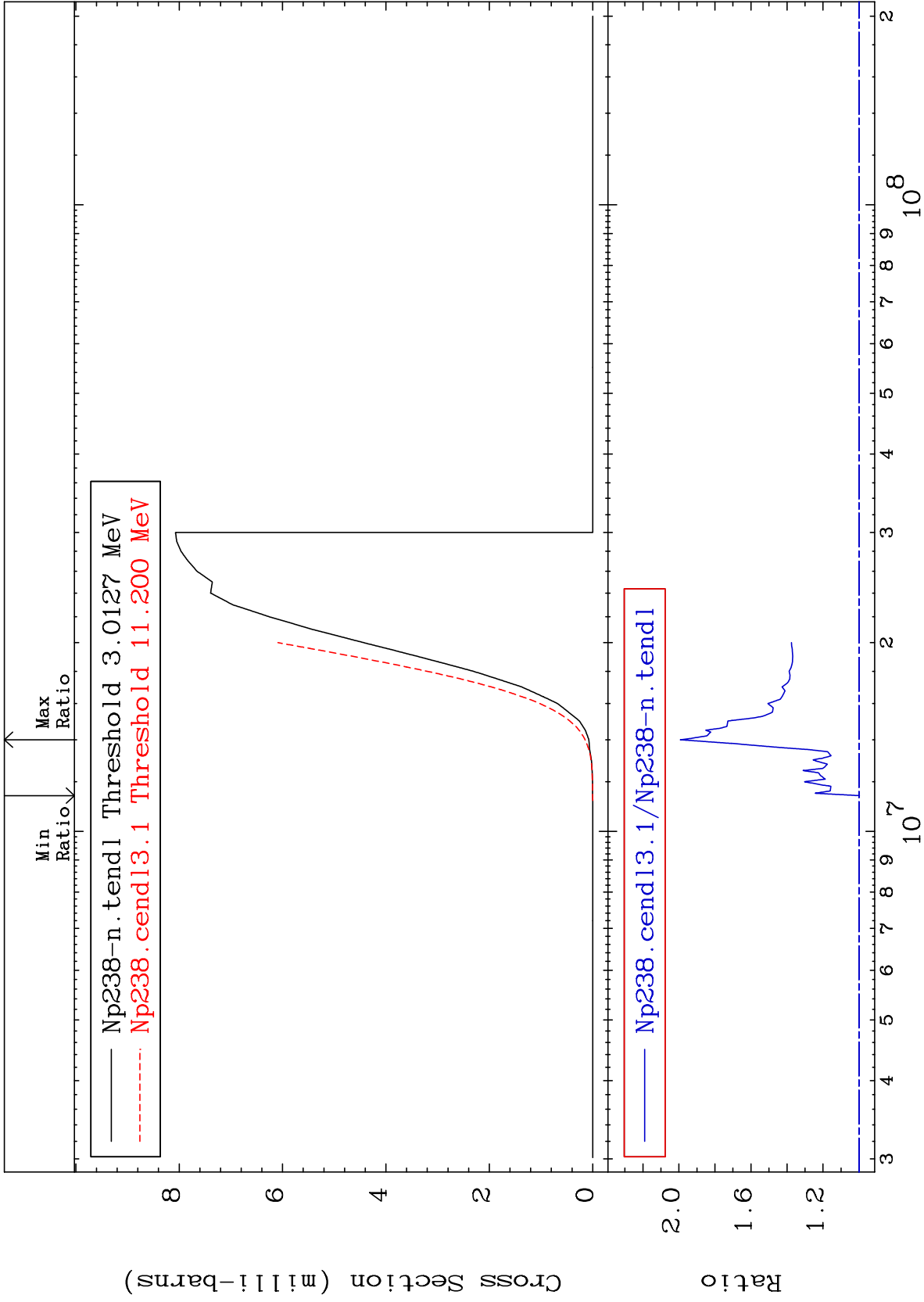
MAT 9349

(n, d)

93-Np-238

Cross Section

-0.226 To 99.21 %



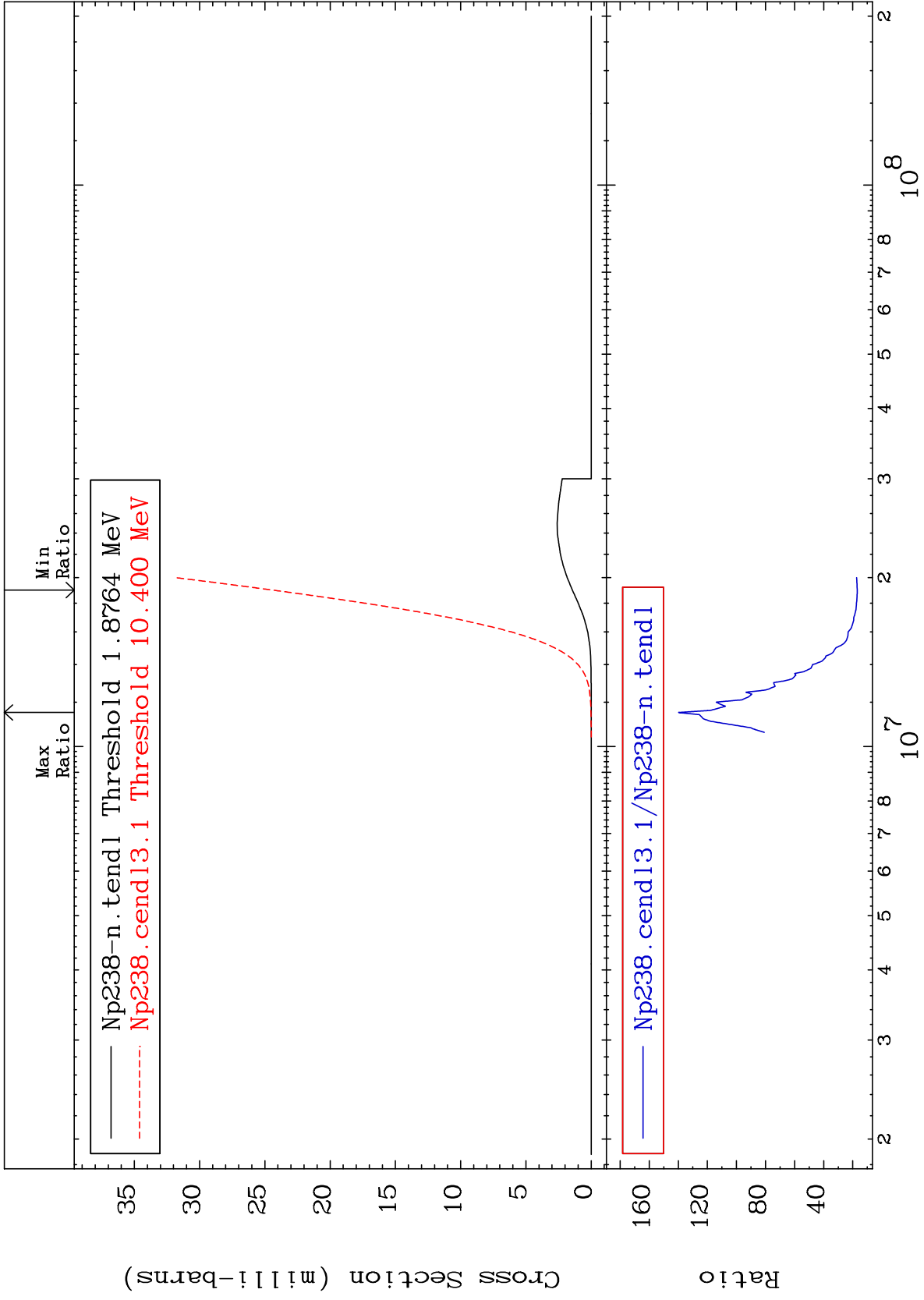
22

Incident Energy (eV)

93-Np-238

MAT 9349

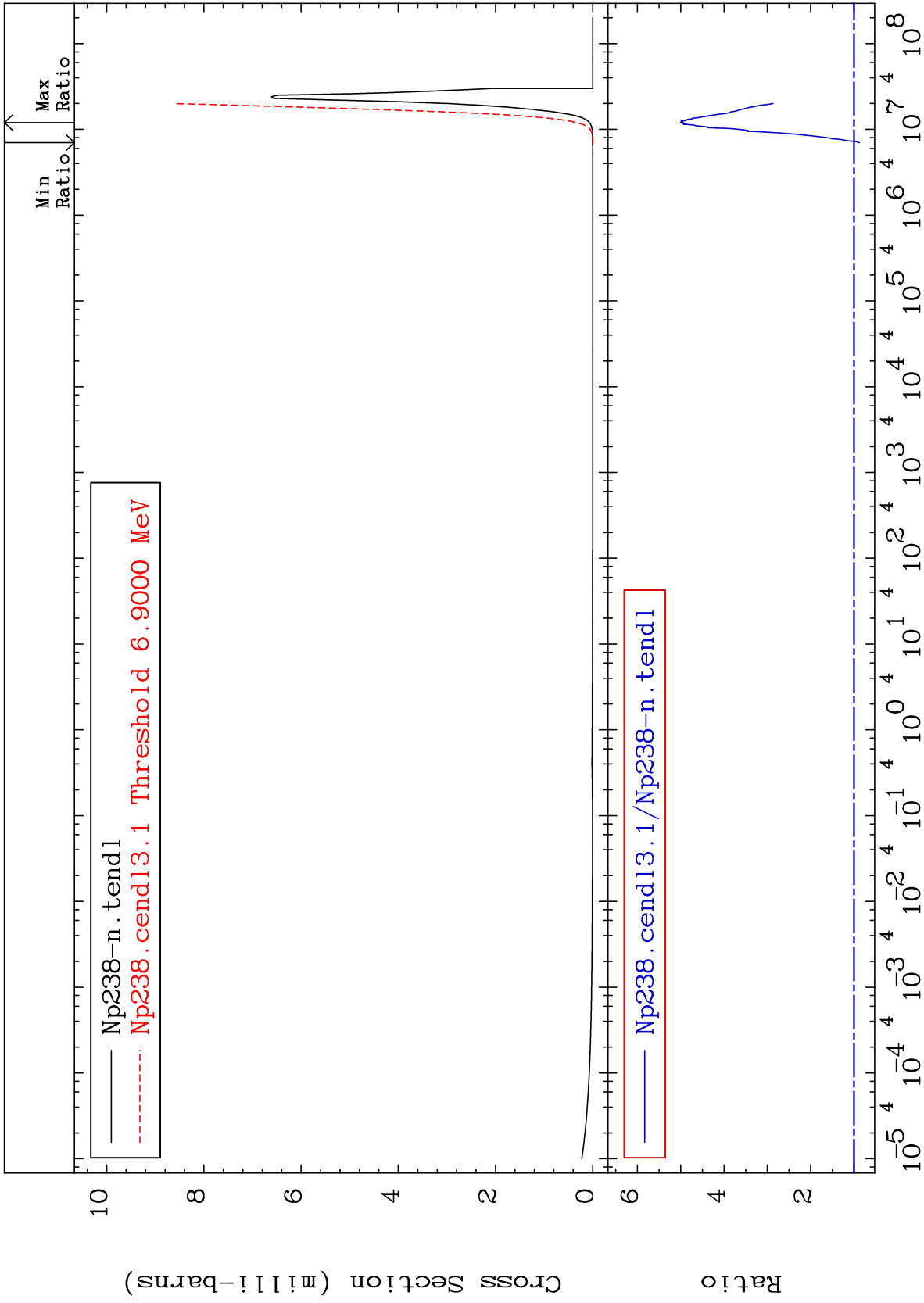
(n, t)
Cross Section
1591. To 9999. %
93-Np-238

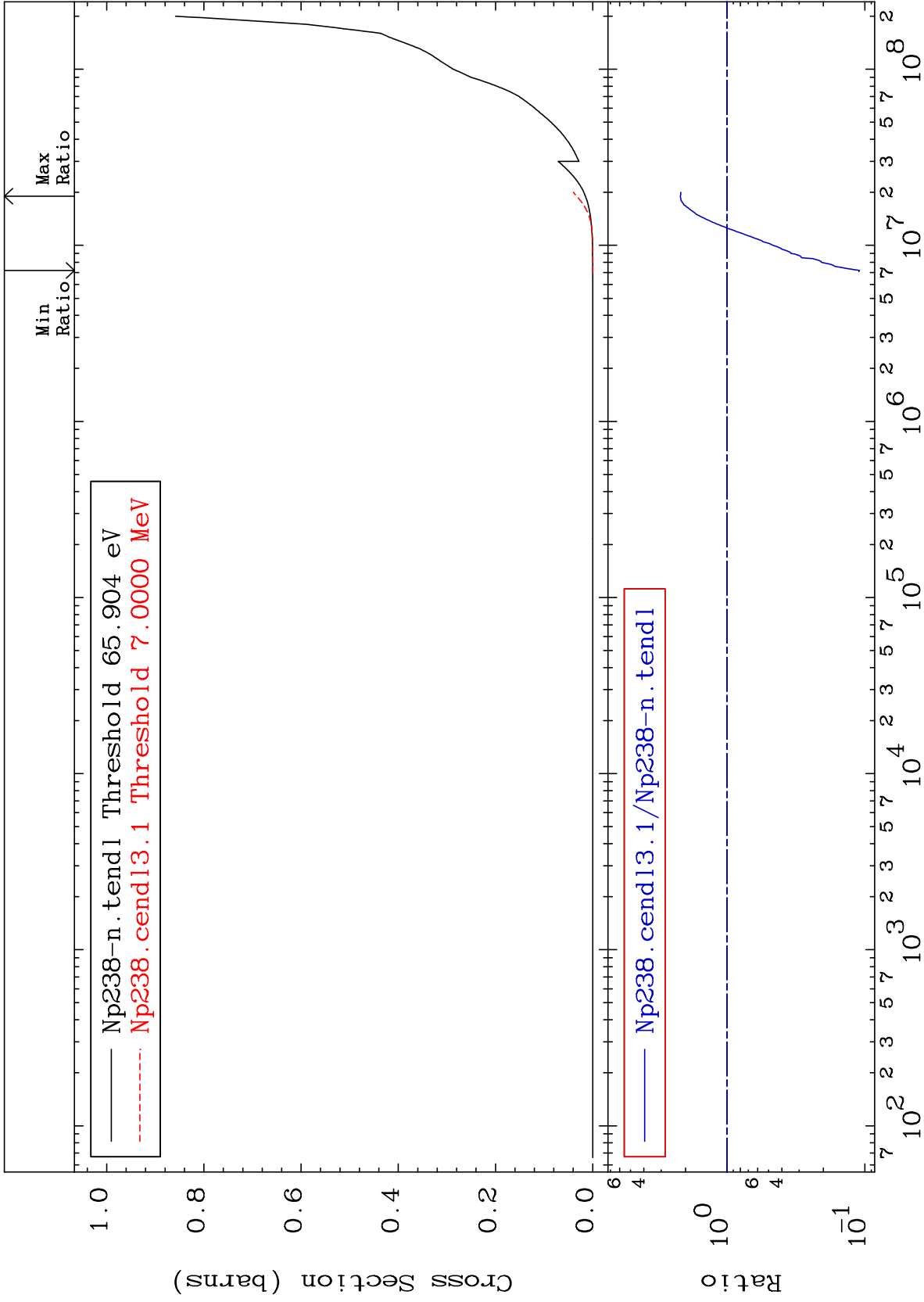


MAT 9349

(n, α)
Cross Section

93-Np-238
-12.59 To 400.9 %

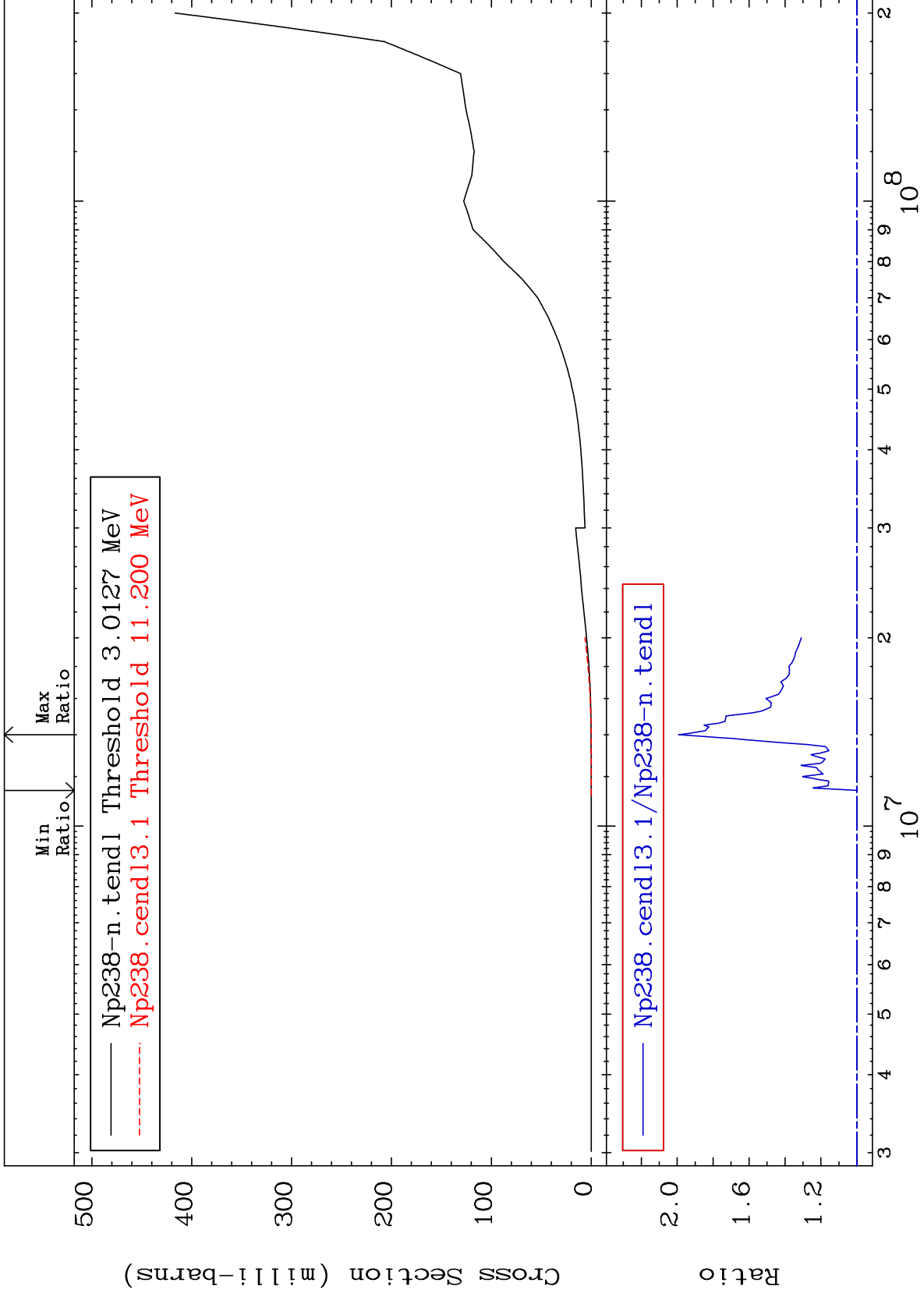




MAT 9349

Deuterium Production
Cross Section

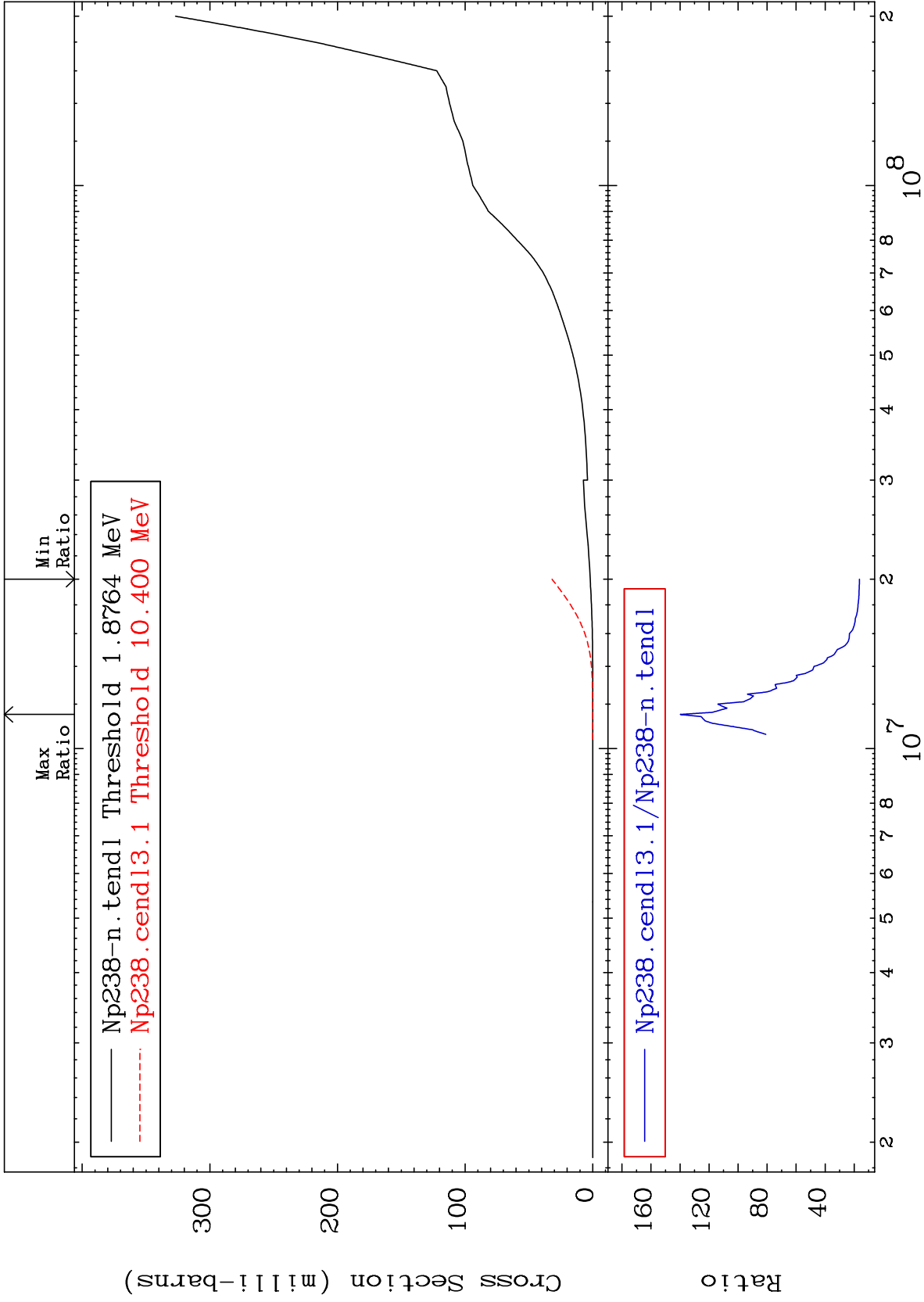
93-Np-238
-0.226 To 99.21 %



MAT 9349

Tritium Production
Cross Section

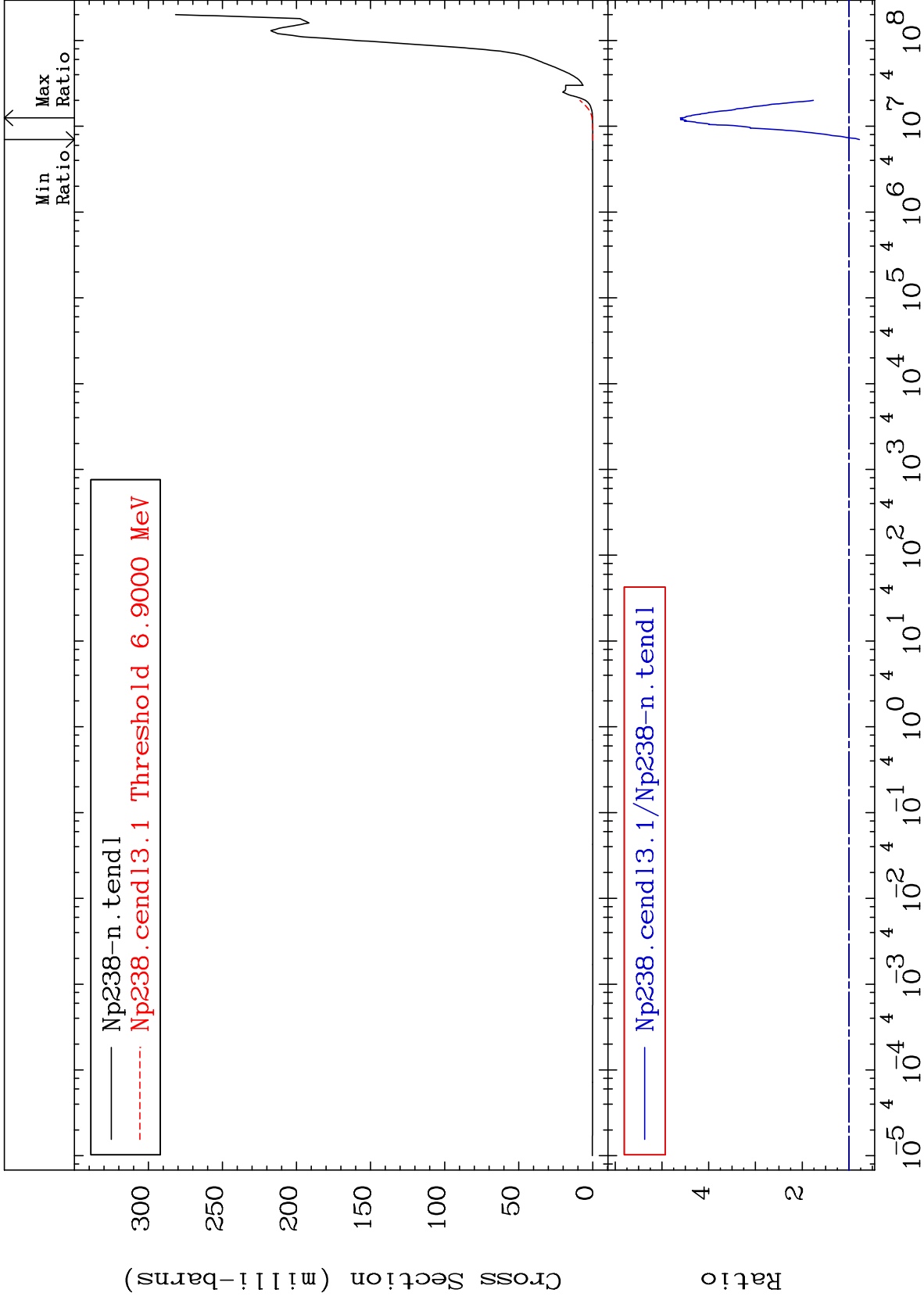
93-Np-238
1536. To 9999. %



MAT 9349

He-4 Production
Cross Section

93-Np-238
-22.34 To 360.6 %



28

Incident Energy (eV)

93-Np-238

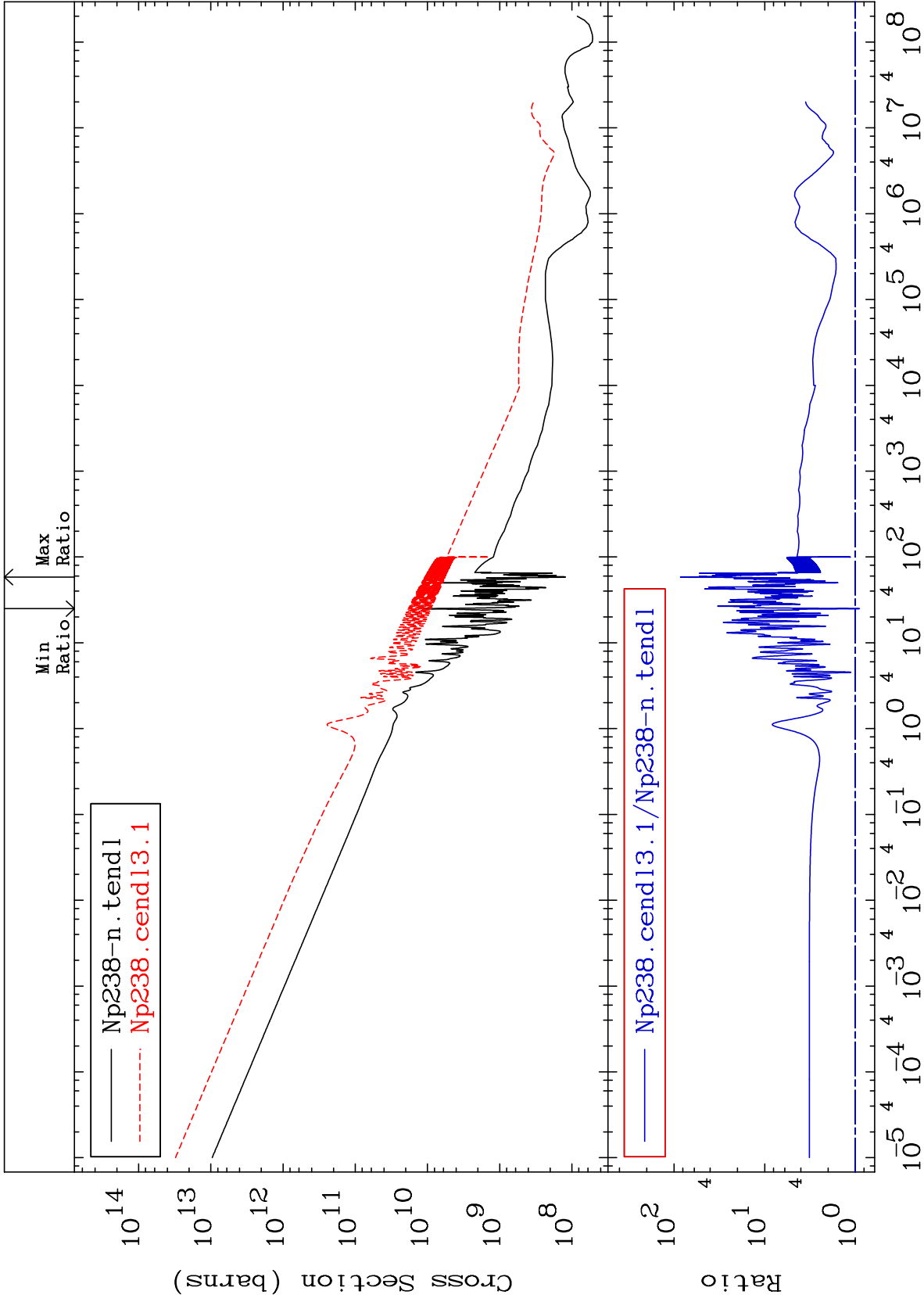
MAT 9349

Kerma total (eV-barns)

93-Np-238

-9.900 To 8427. %

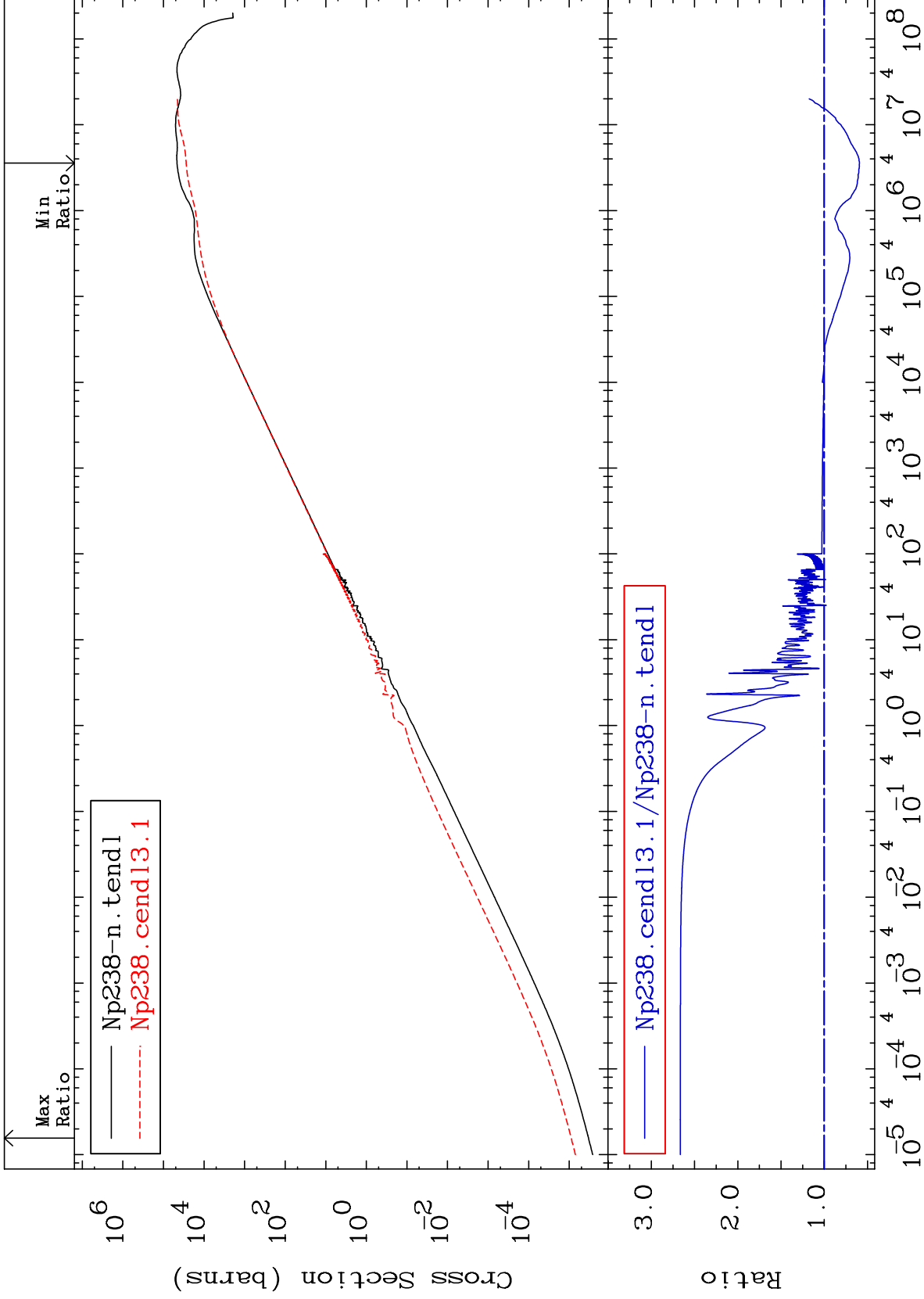
Cross Section

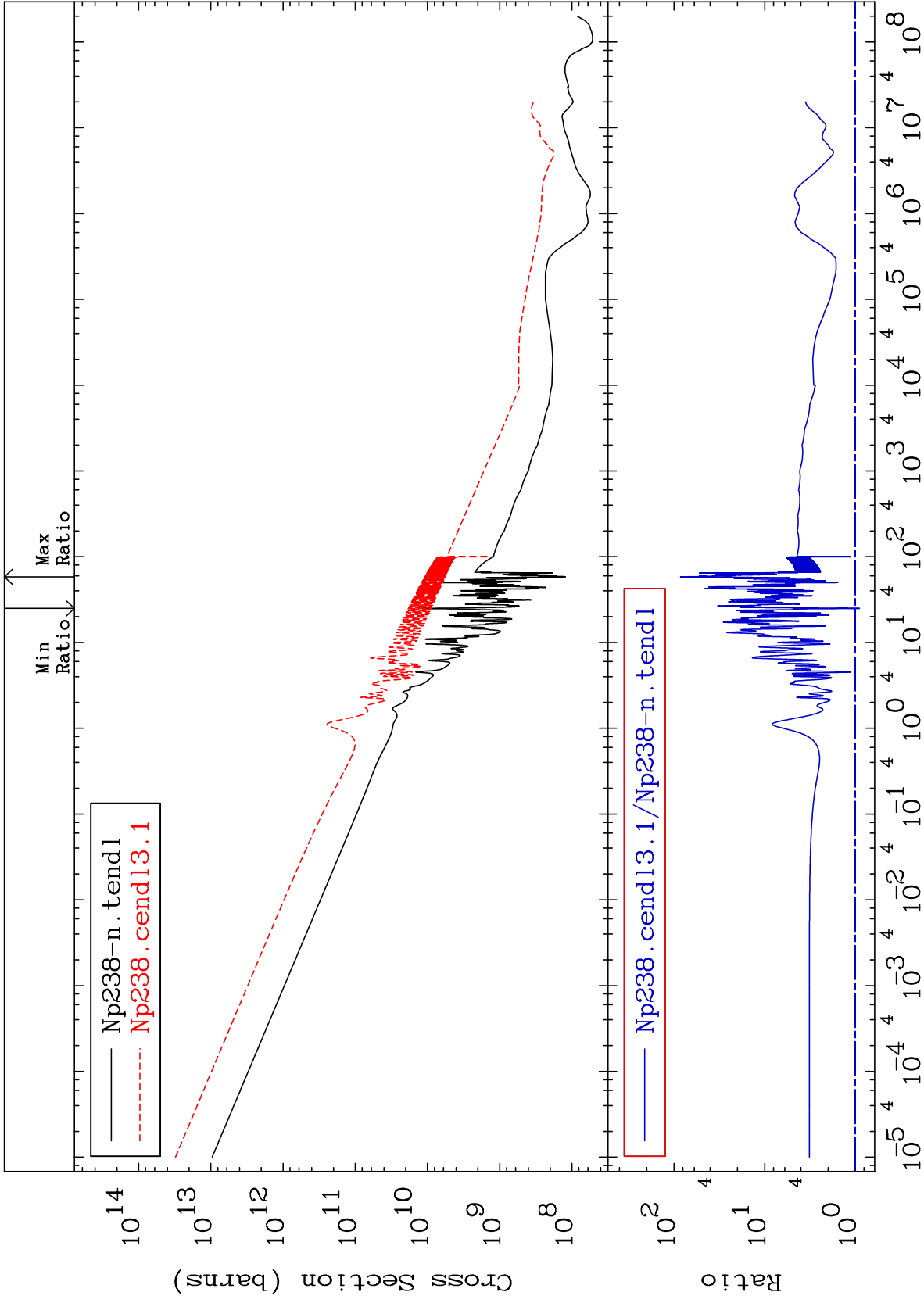


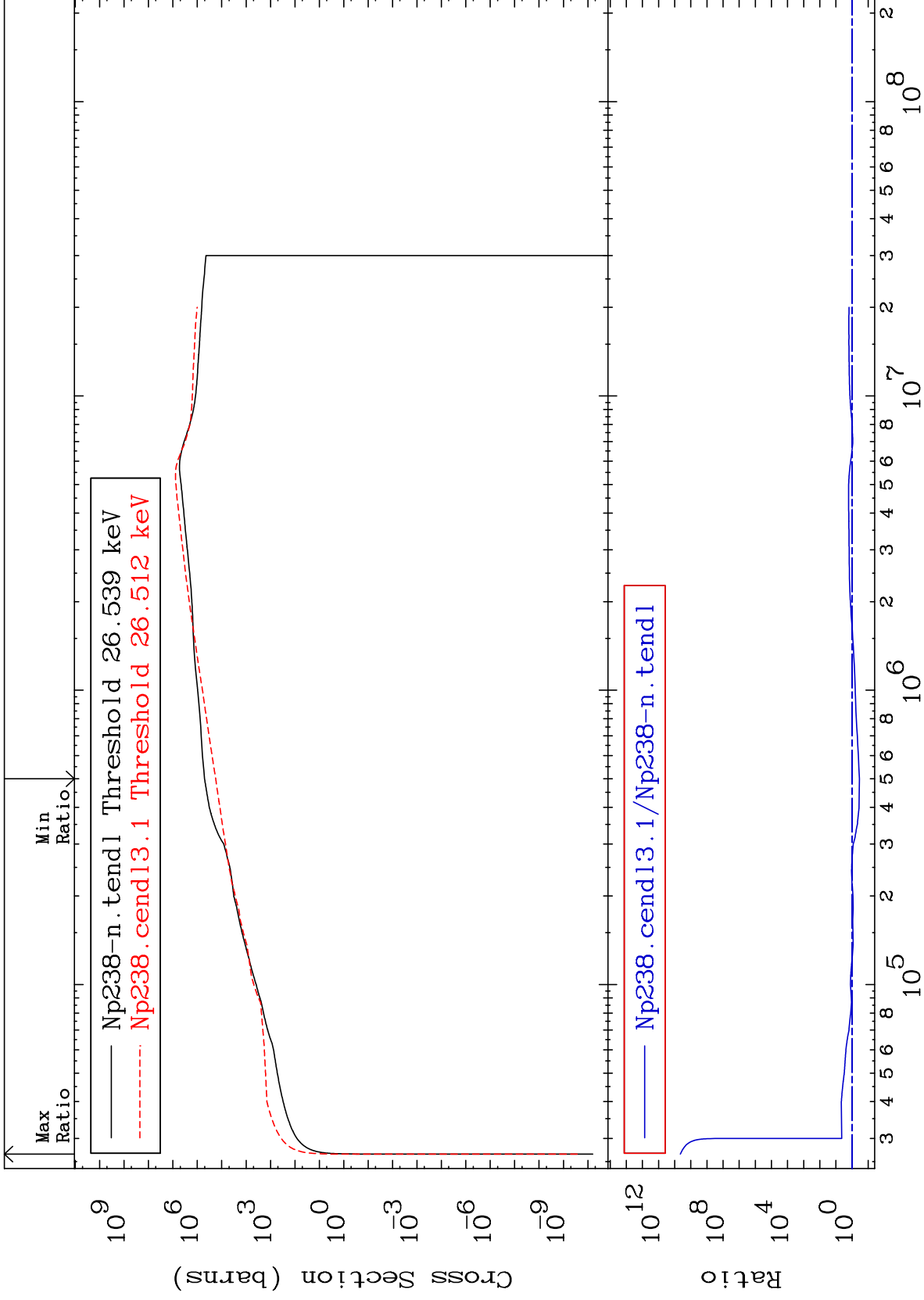
MAT 9349

Kerma elastic
Cross Section

93-Np-238
-40.66 To 166.4 %



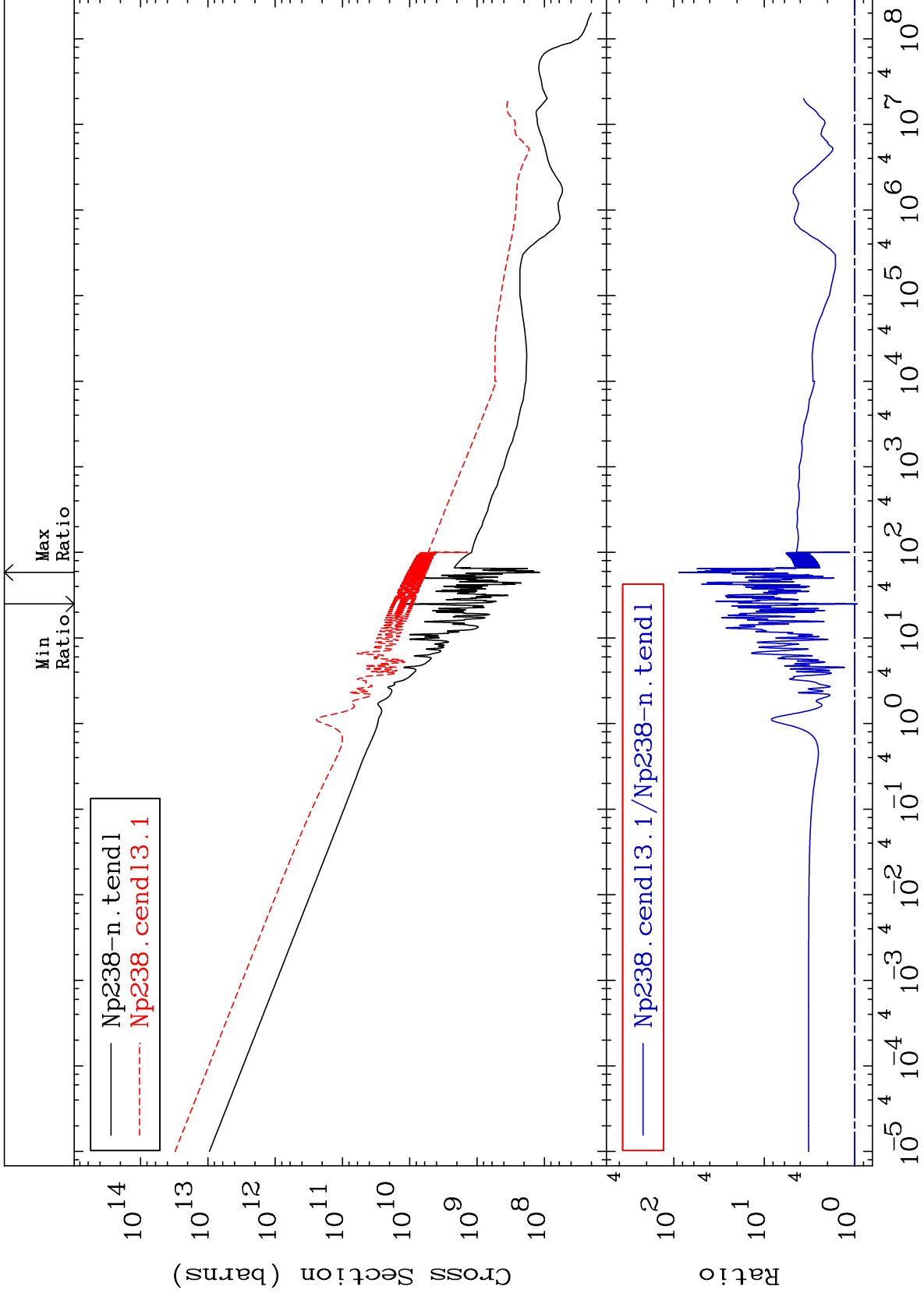




MAT 9349

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

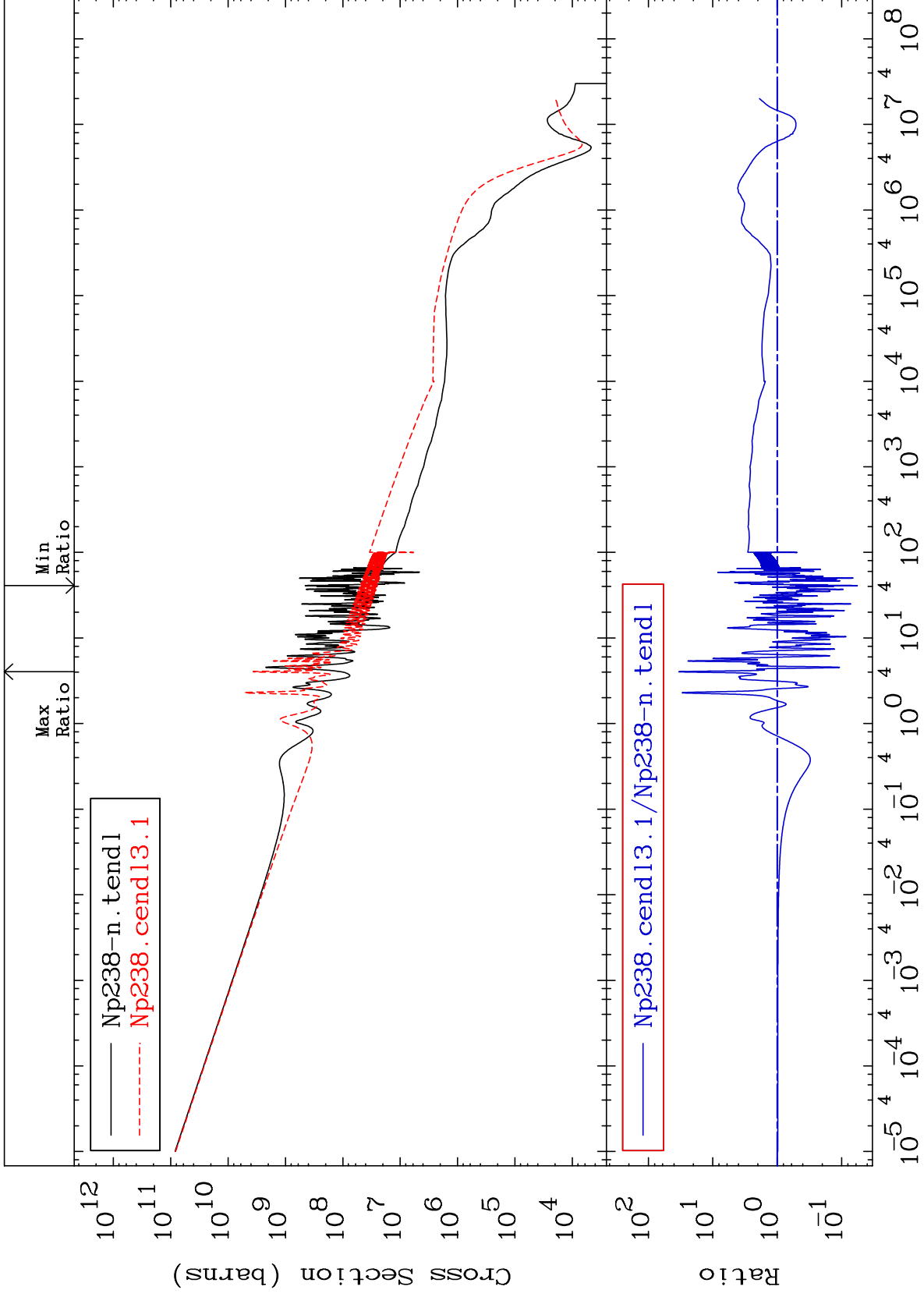
93-Np-238
-6.028 To 8734. %

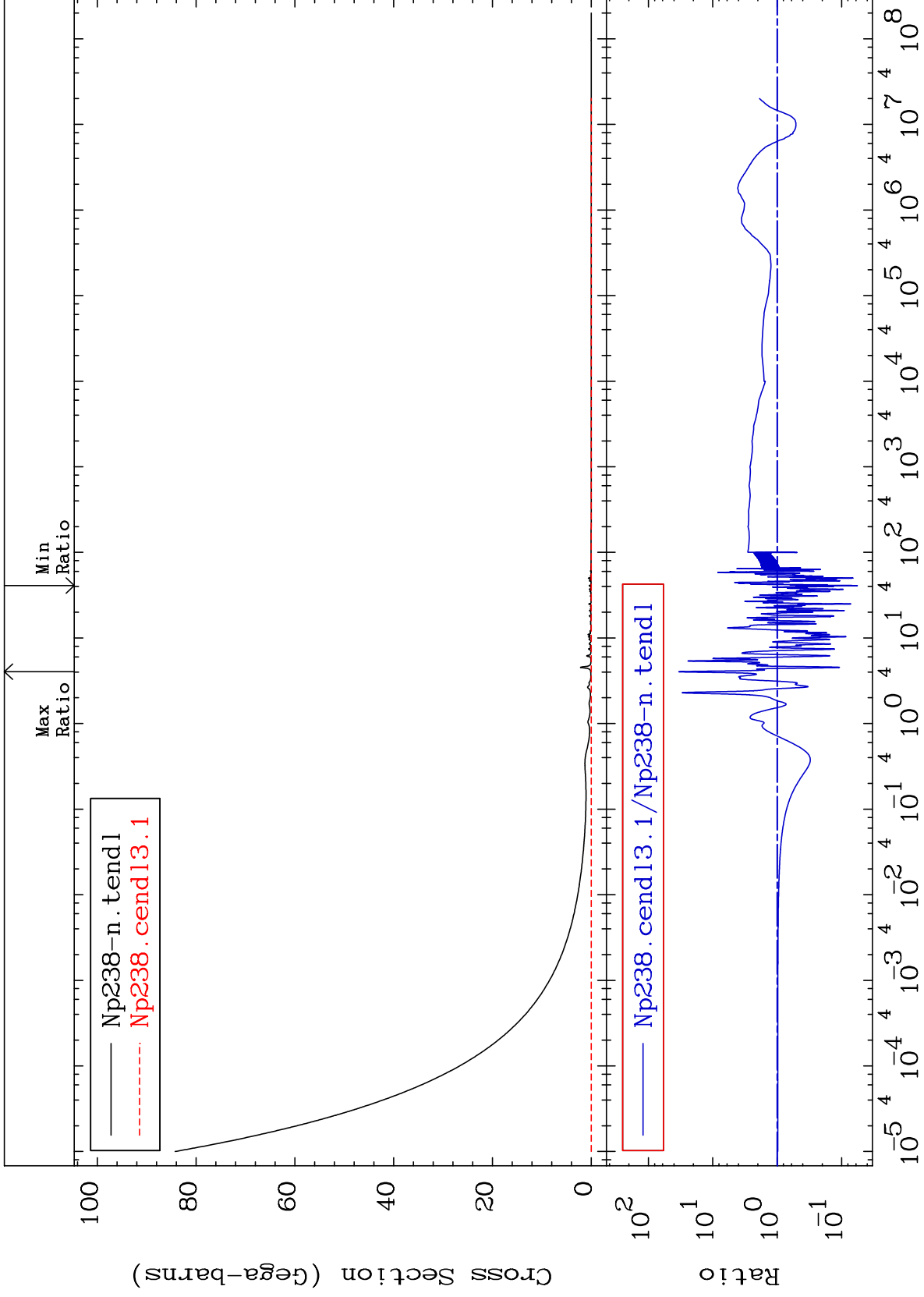


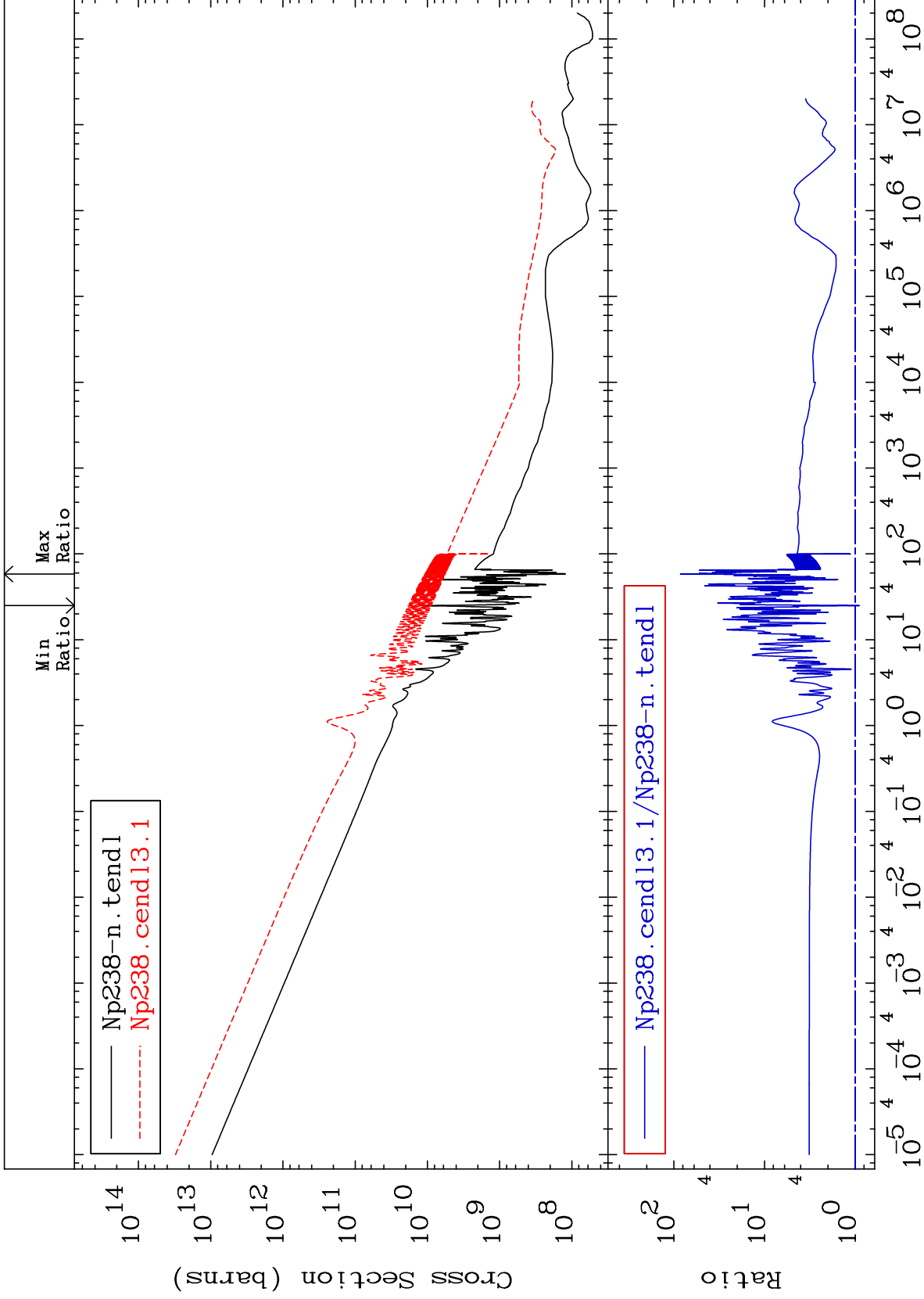
MAT 9349

Kerma capture (mt102)
Cross Section

93-Np-238
-94.28 To 3286. %



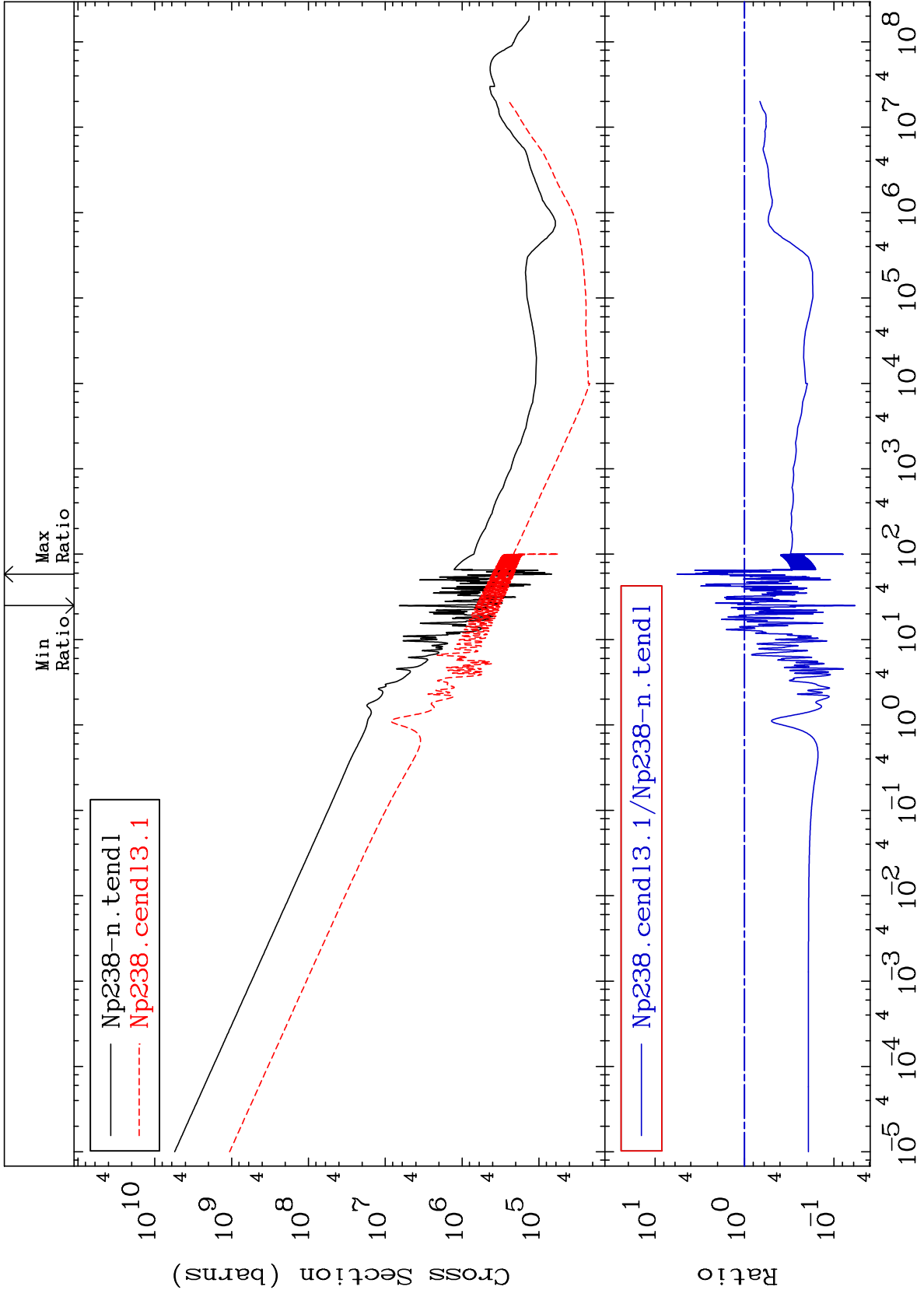


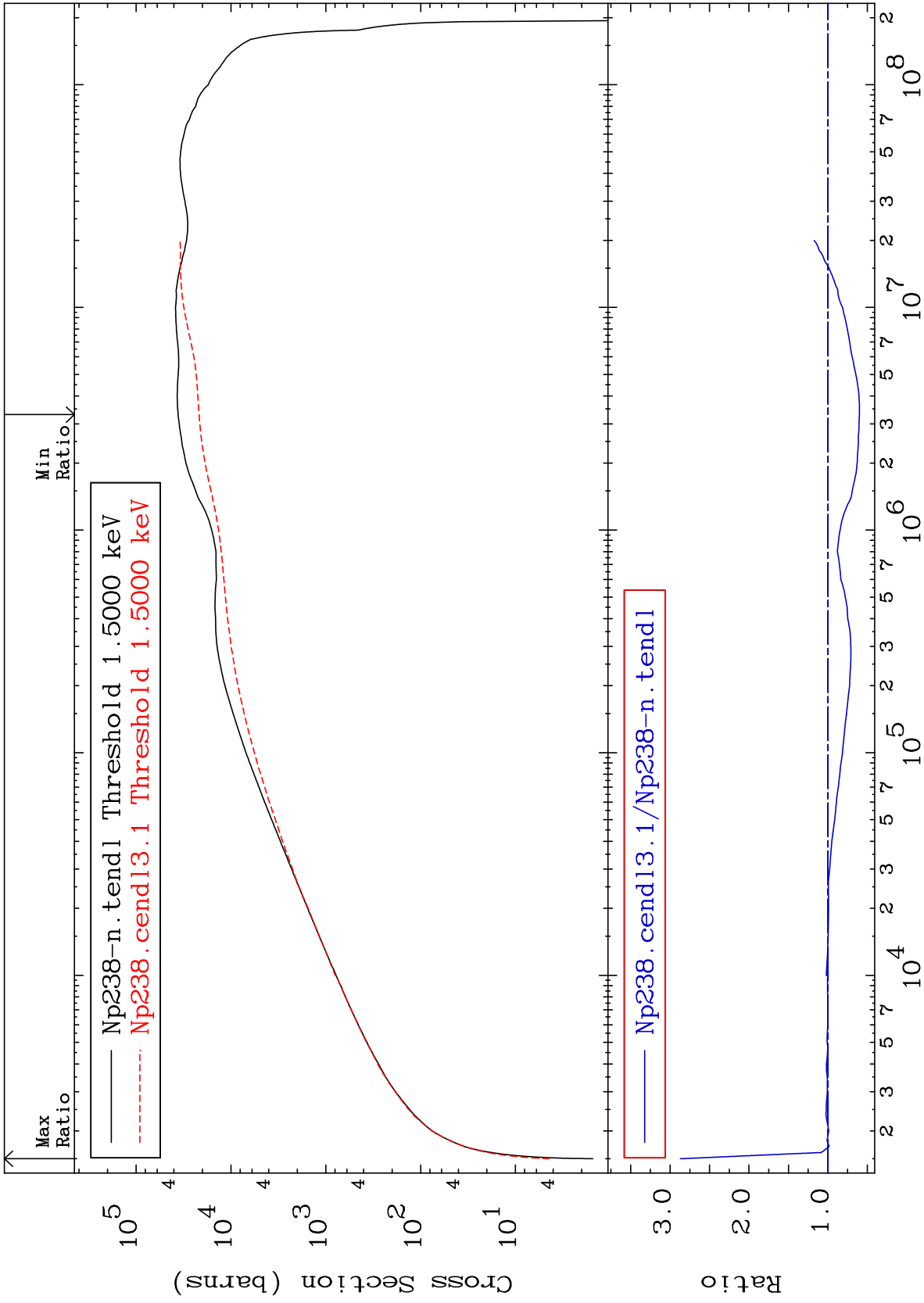


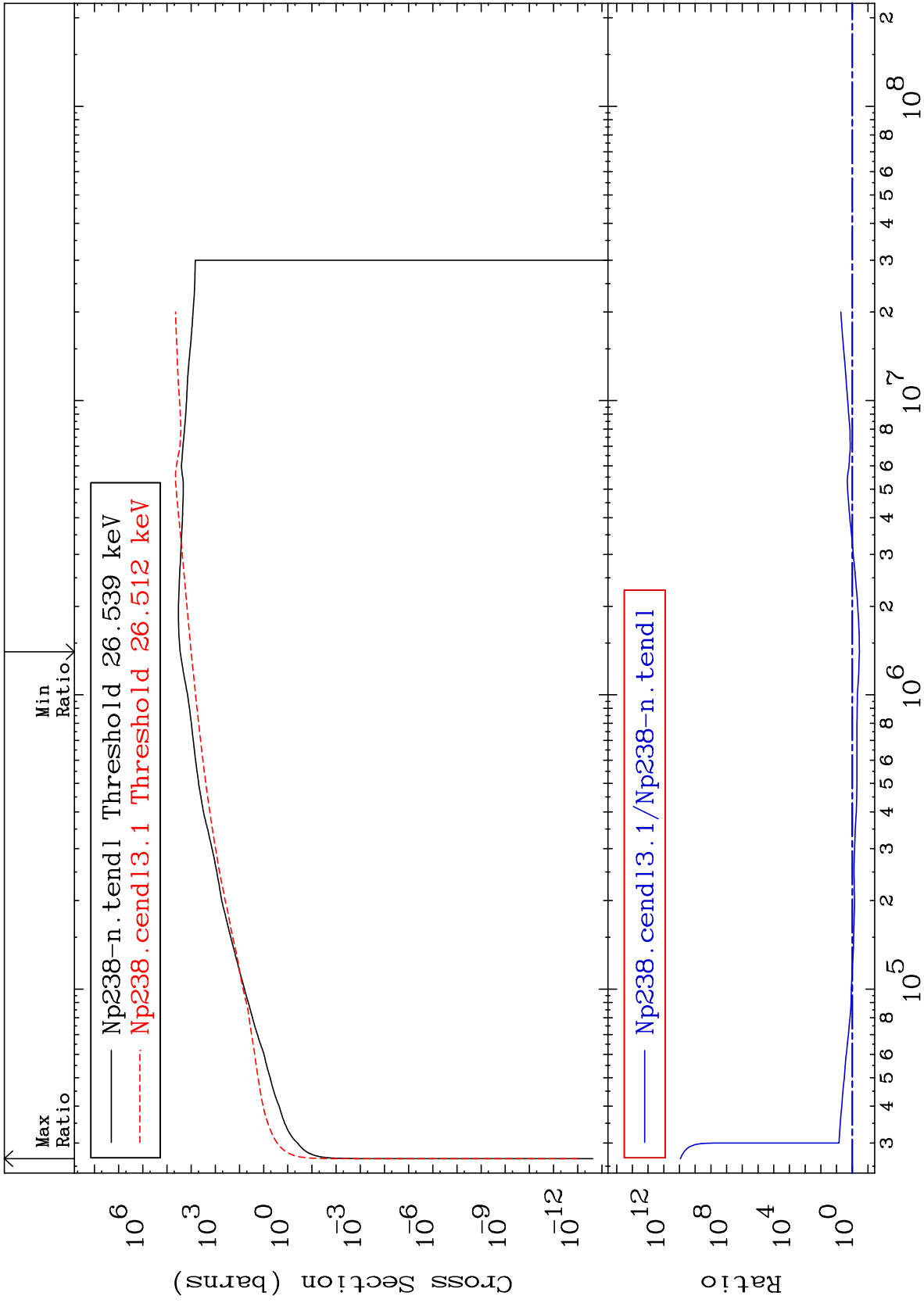
MAT 9349

Dpa total (eV-barns)
Cross Section

93-Np-238
-94.22 To 470.3 %



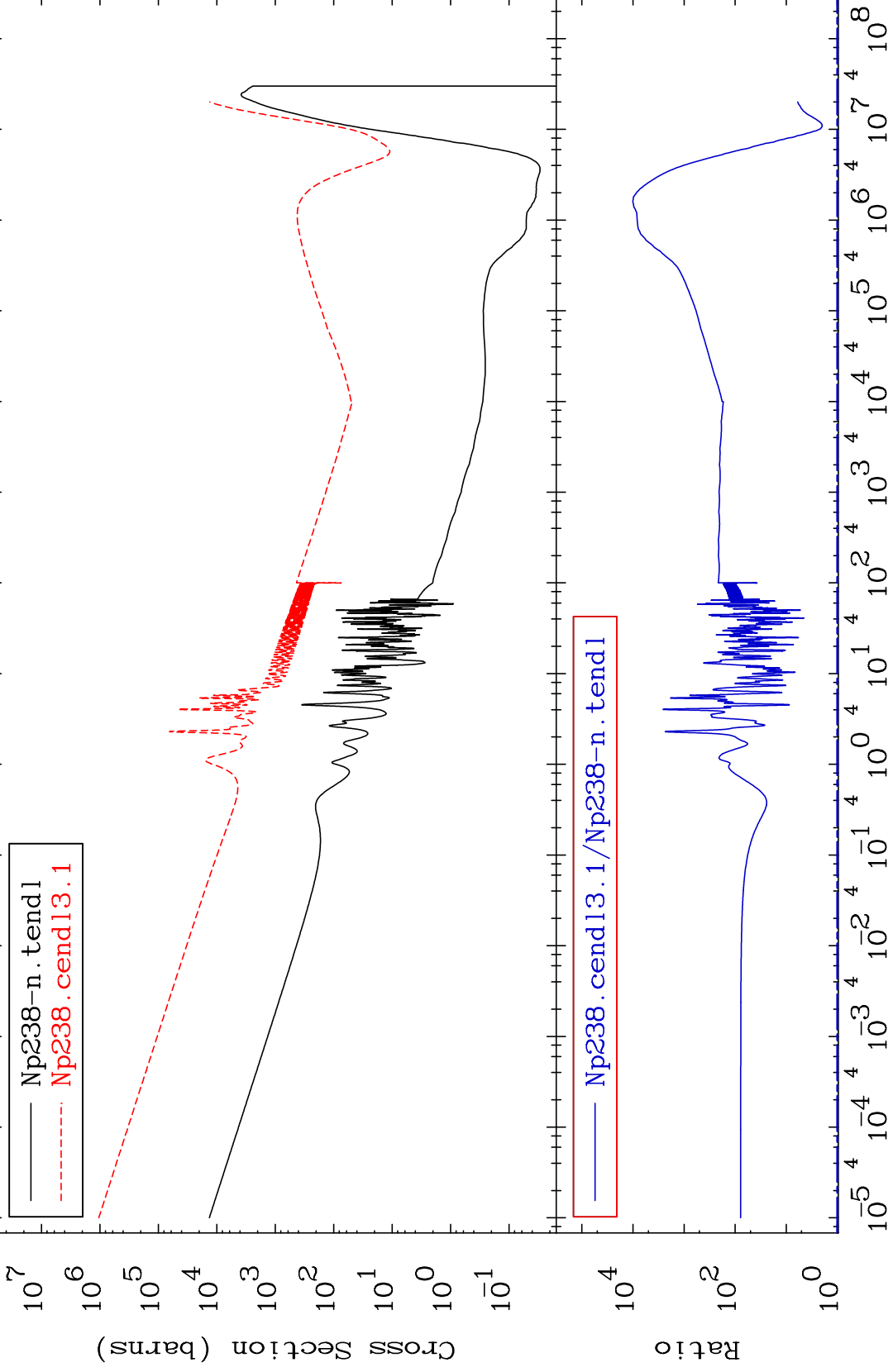




MAT 9349

Dpa disappearance (mt102 -120)
Cross Section

93-Np-238
97.22 To 9999. %



40

Incident Energy (eV)

93-Np-238