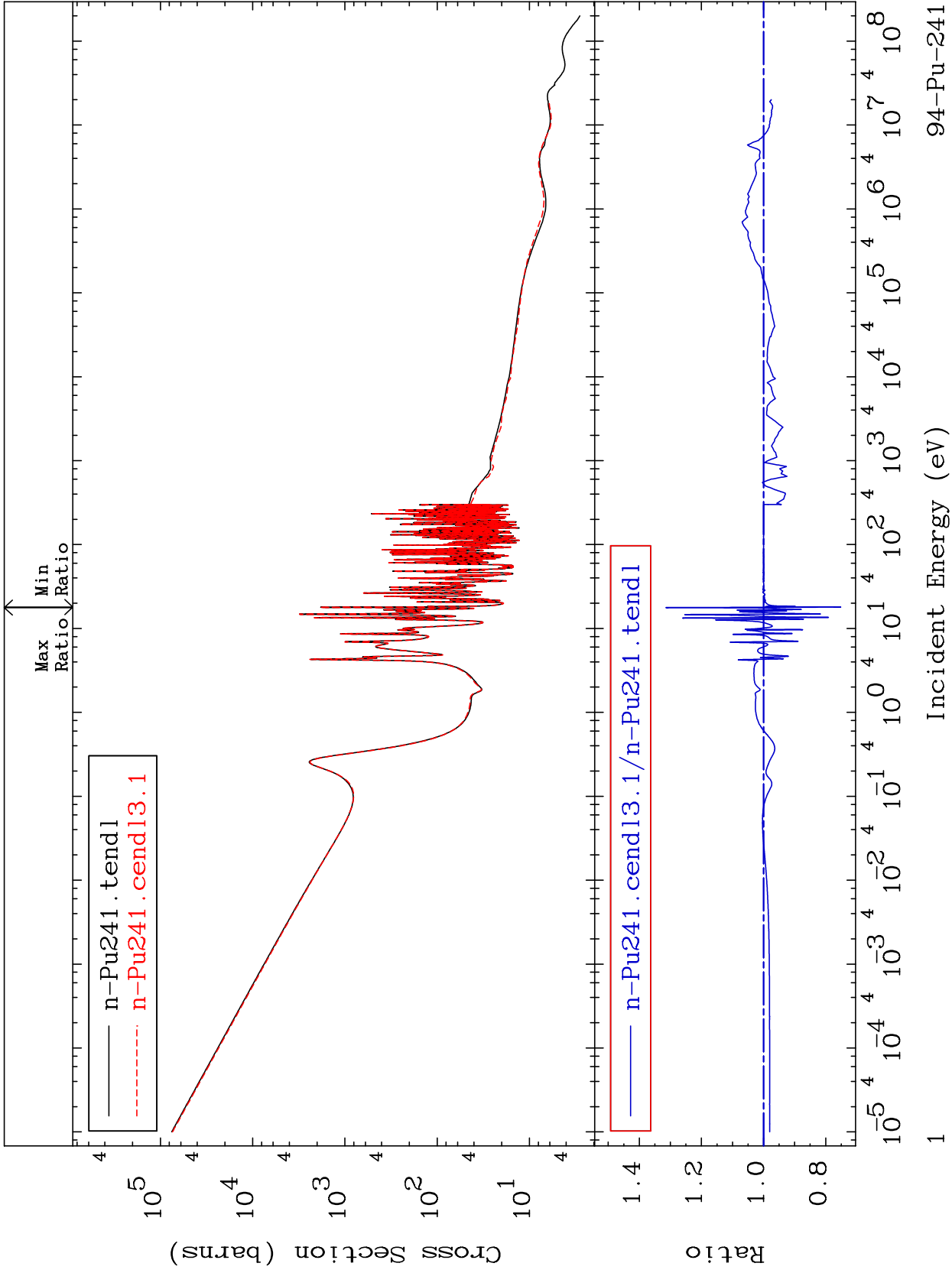


MAT 9443

Total
Cross Section

94-Pu-241
-24.82 To 31.57 %



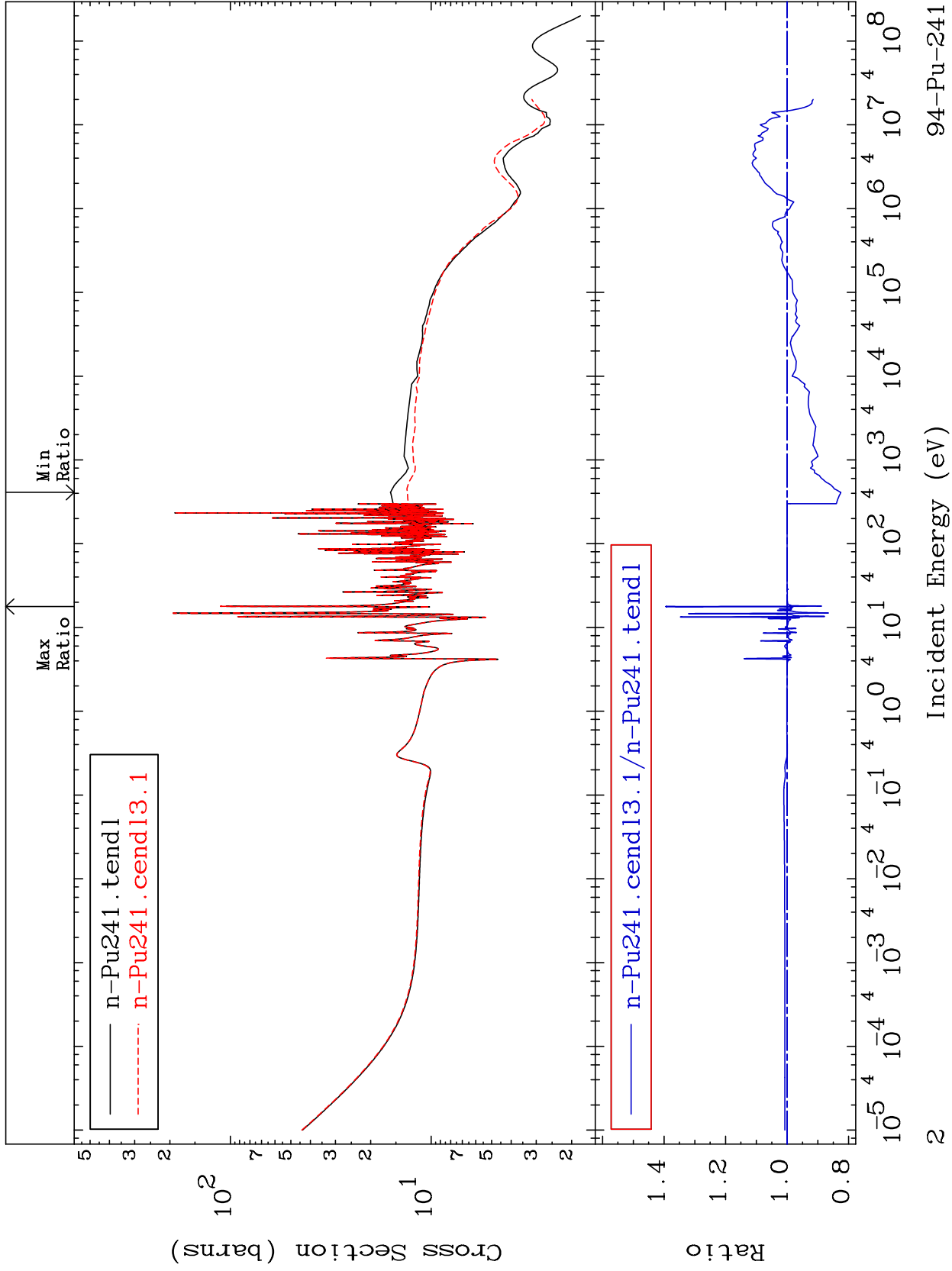
MAT 9443

Elastic

94-Pu-241

Cross Section

-17.47 To 39.38 %

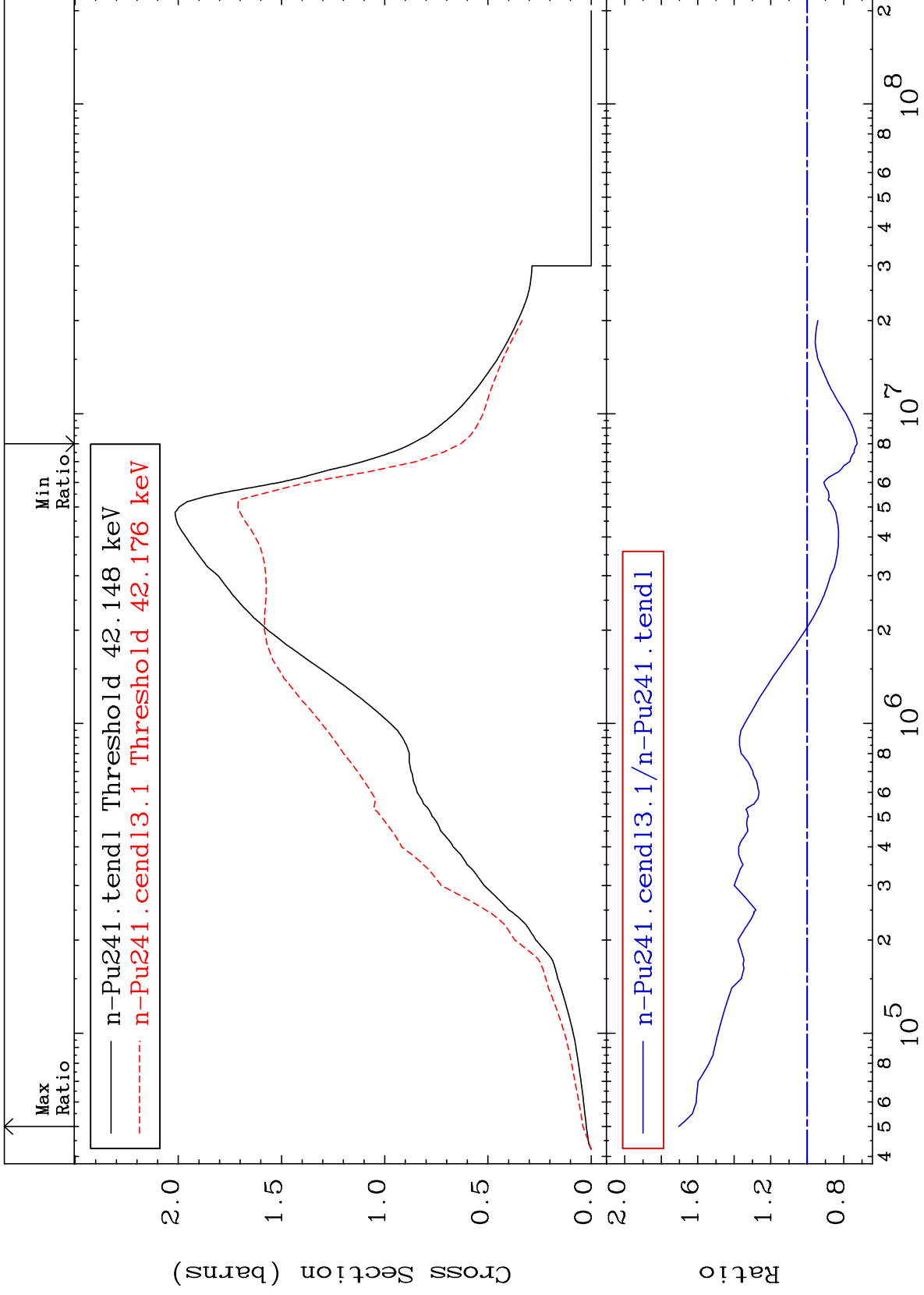


94-Pu-241

MAT 9443

Inelastic
Cross Section

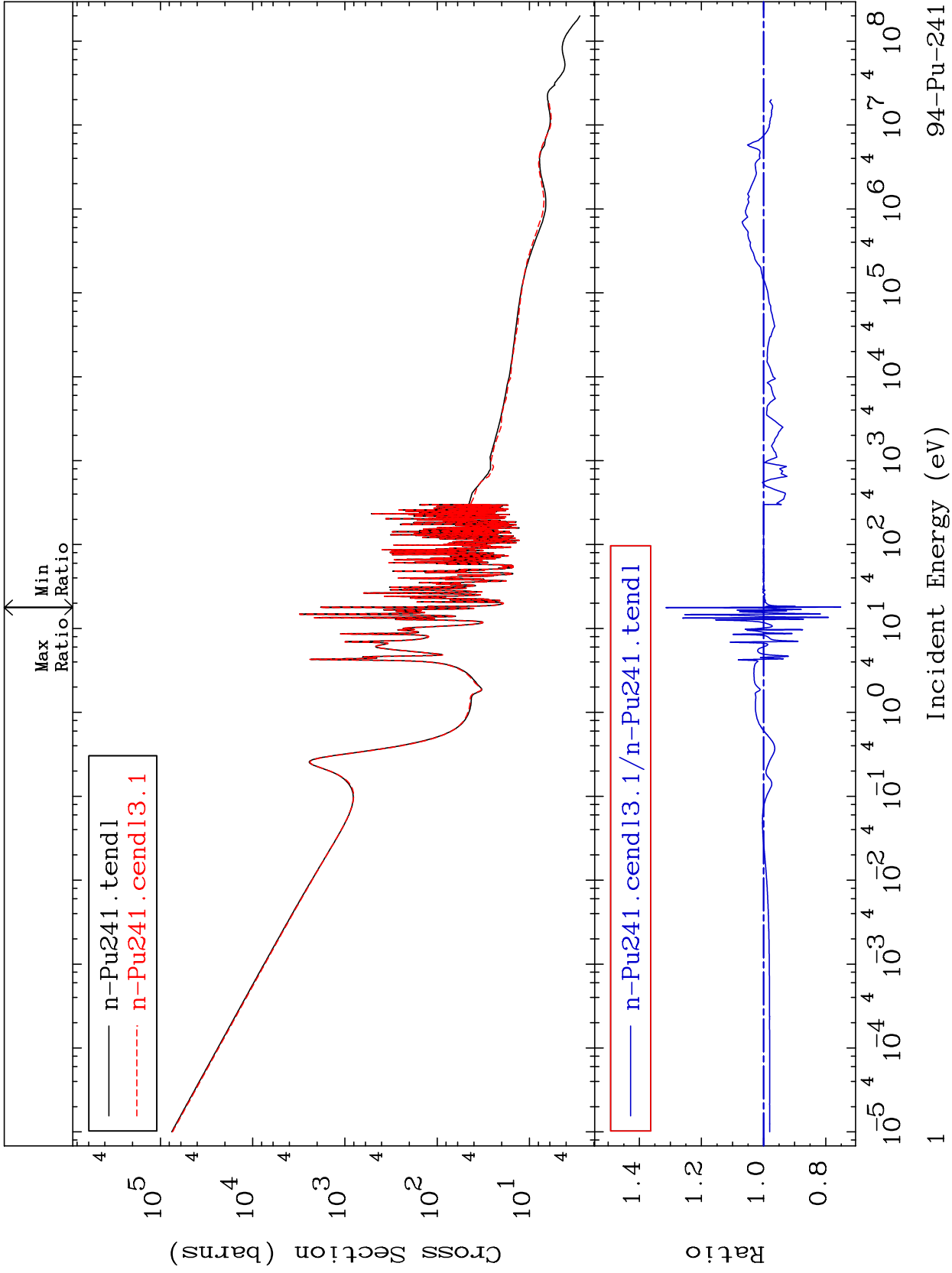
94-Pu-241
-27.41 To 70.46 %



MAT 9443

Total
Cross Section

94-Pu-241
-24.82 To 31.57 %



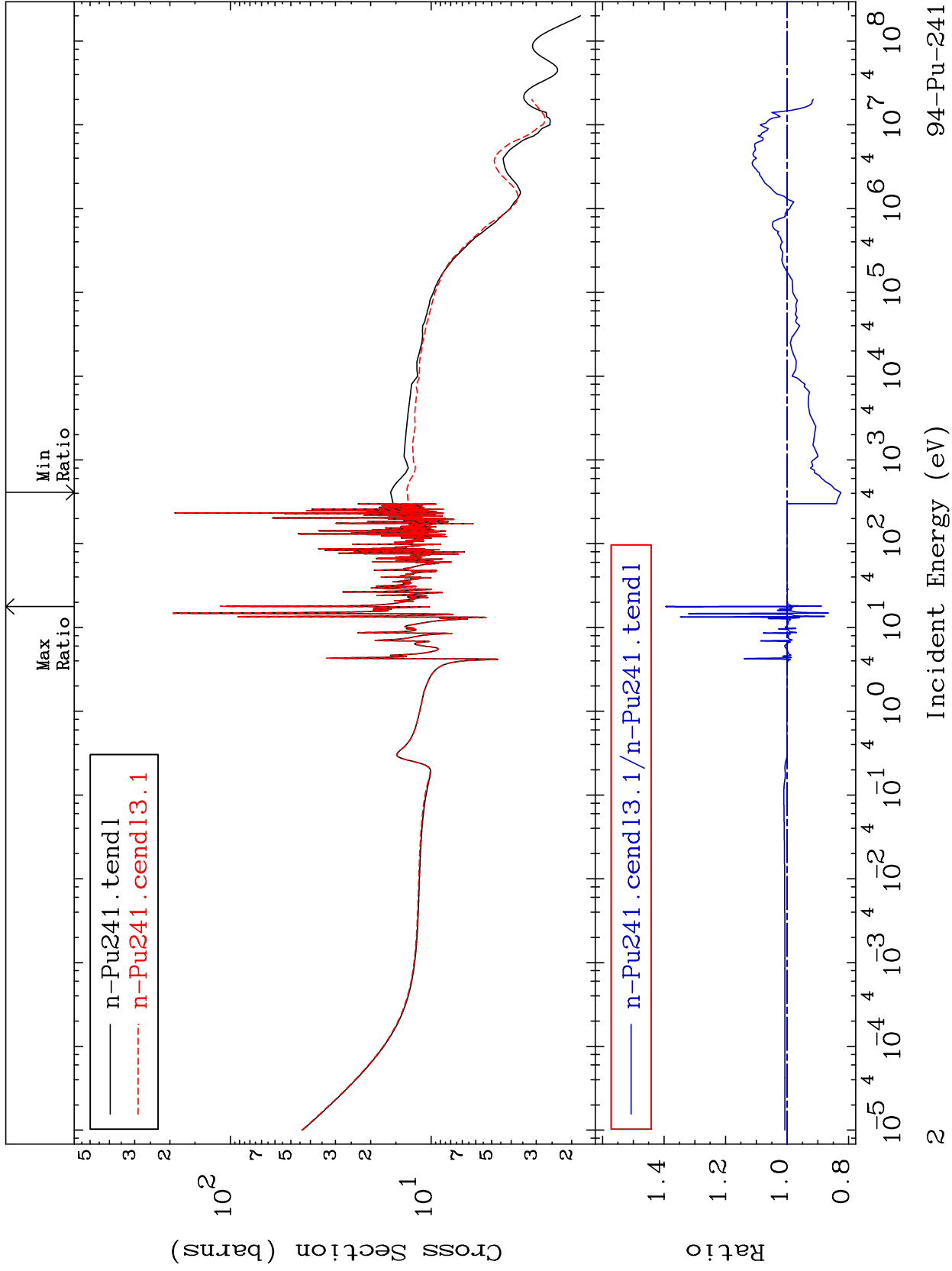
MAT 9443

Elastic

94-Pu-241

Cross Section

-17.47 To 39.38 %

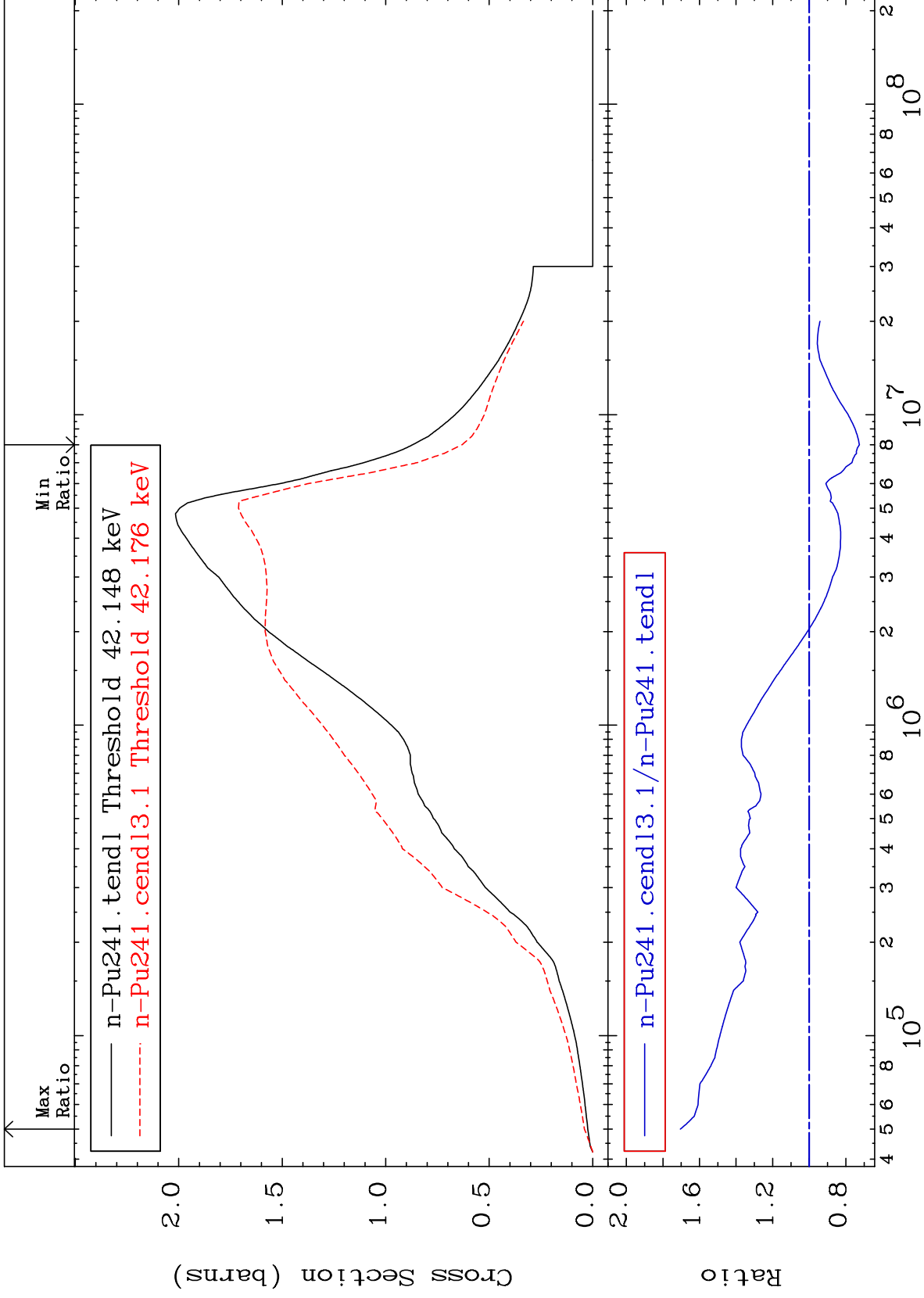


94-Pu-241

MAT 9443

Inelastic
Cross Section

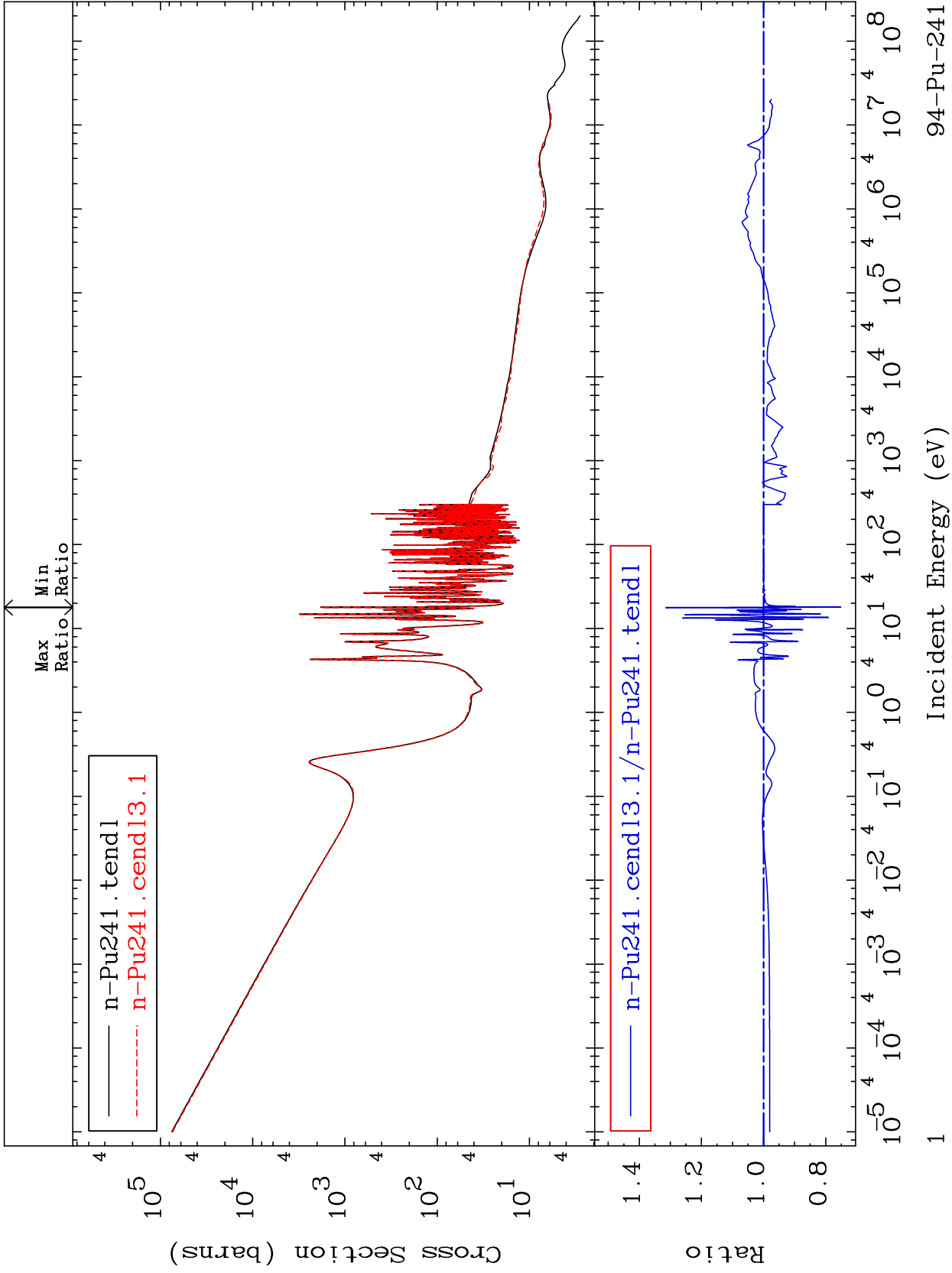
94-Pu-241
-27.41 To 70.46 %



MAT 9443

Total
Cross Section

94-Pu-241
-24.82 To 31.57 %



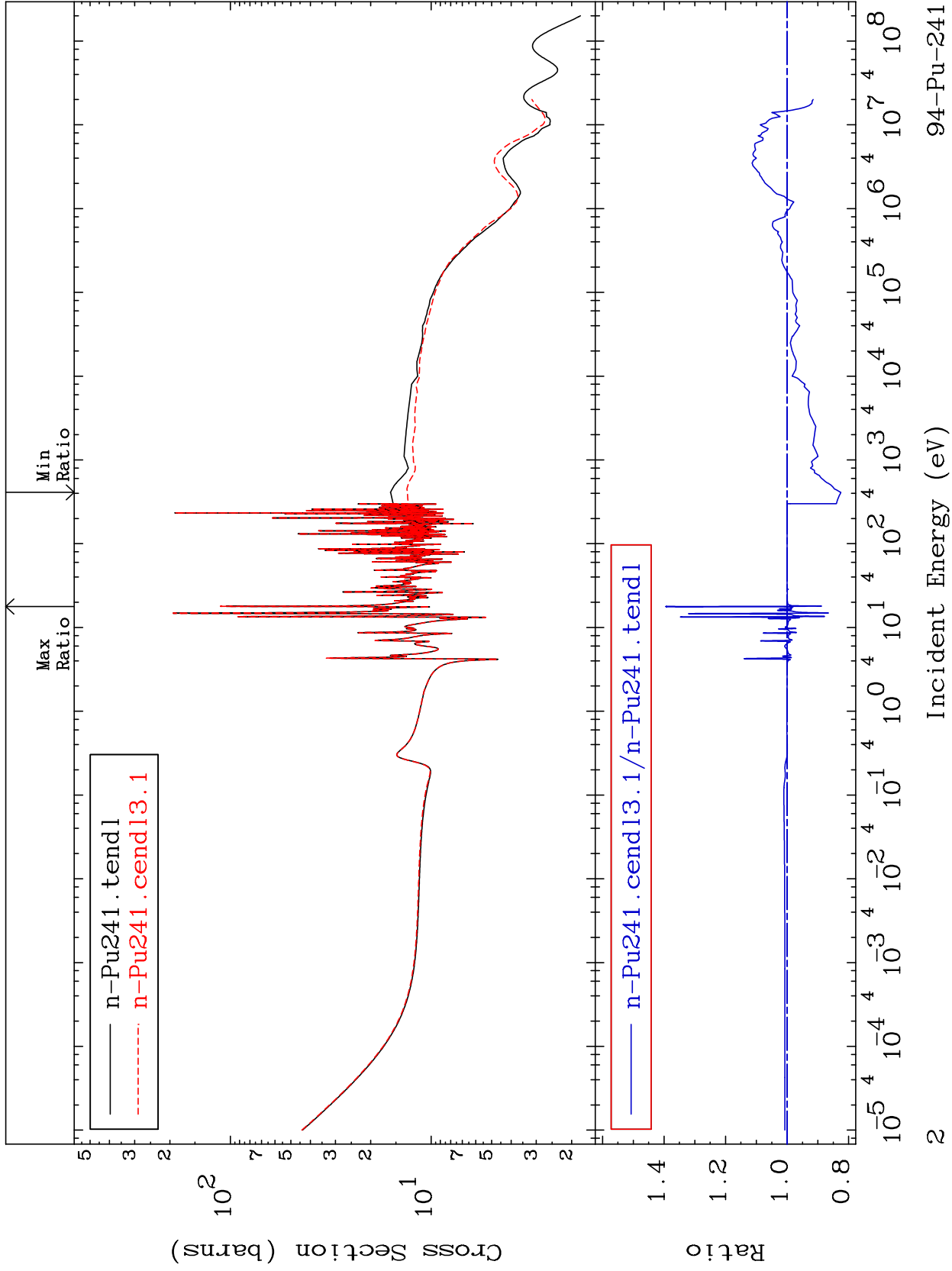
MAT 9443

Elastic

94-Pu-241

Cross Section

-17.47 To 39.38 %

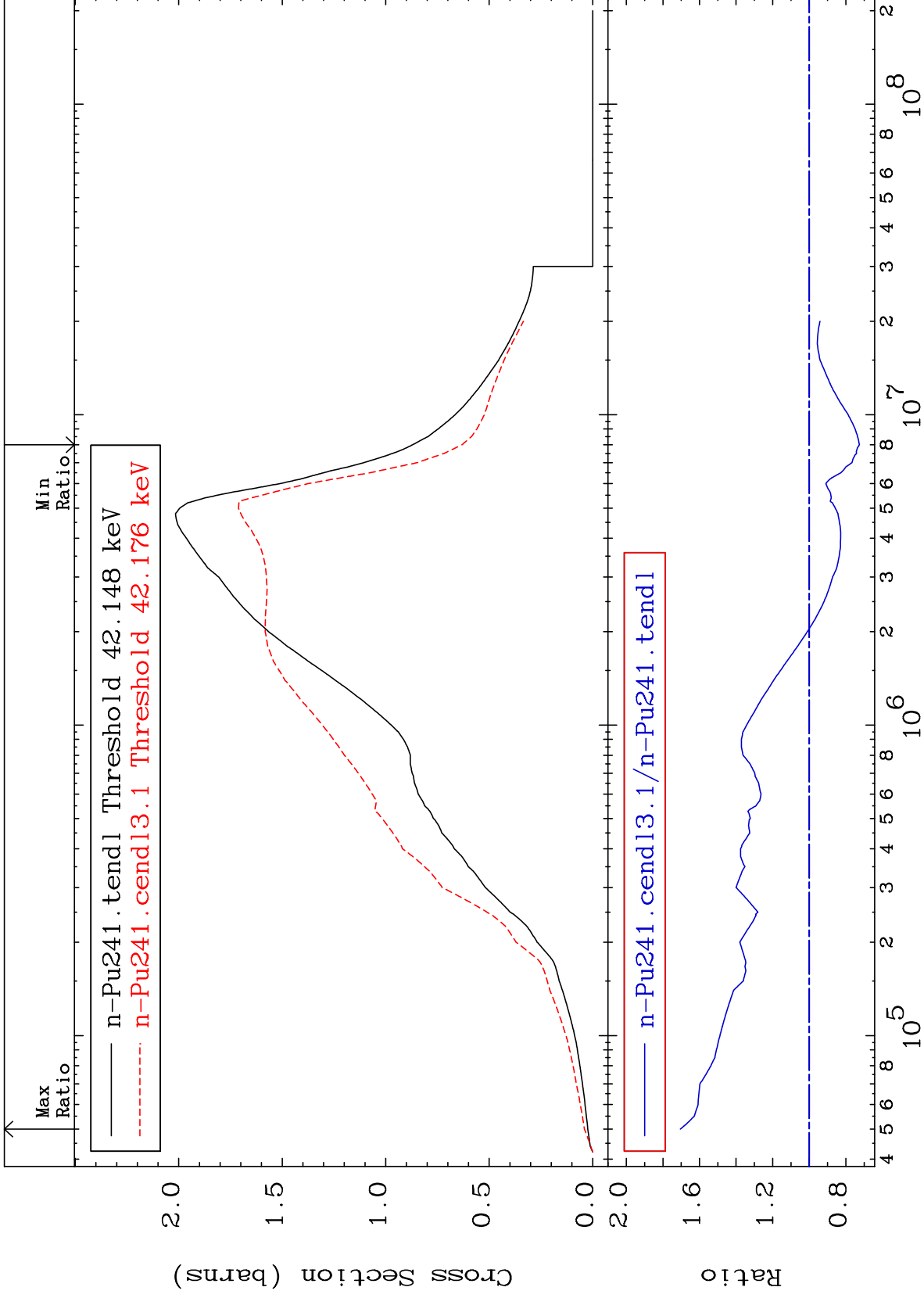


94-Pu-241

MAT 9443

Inelastic
Cross Section

94-Pu-241
-27.41 To 70.46 %



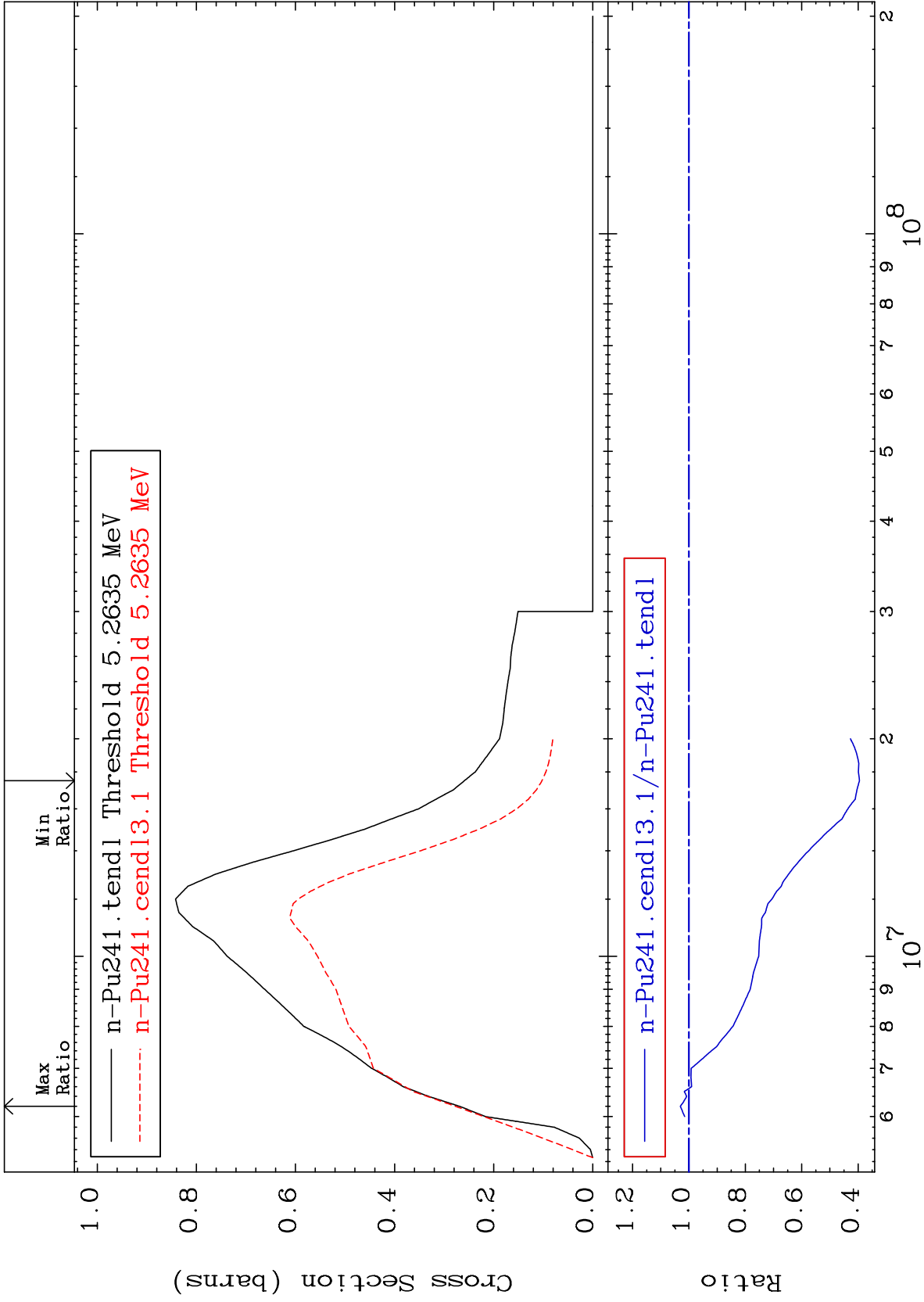
MAT 9443

(n,2n)

94-Pu-241

Cross Section

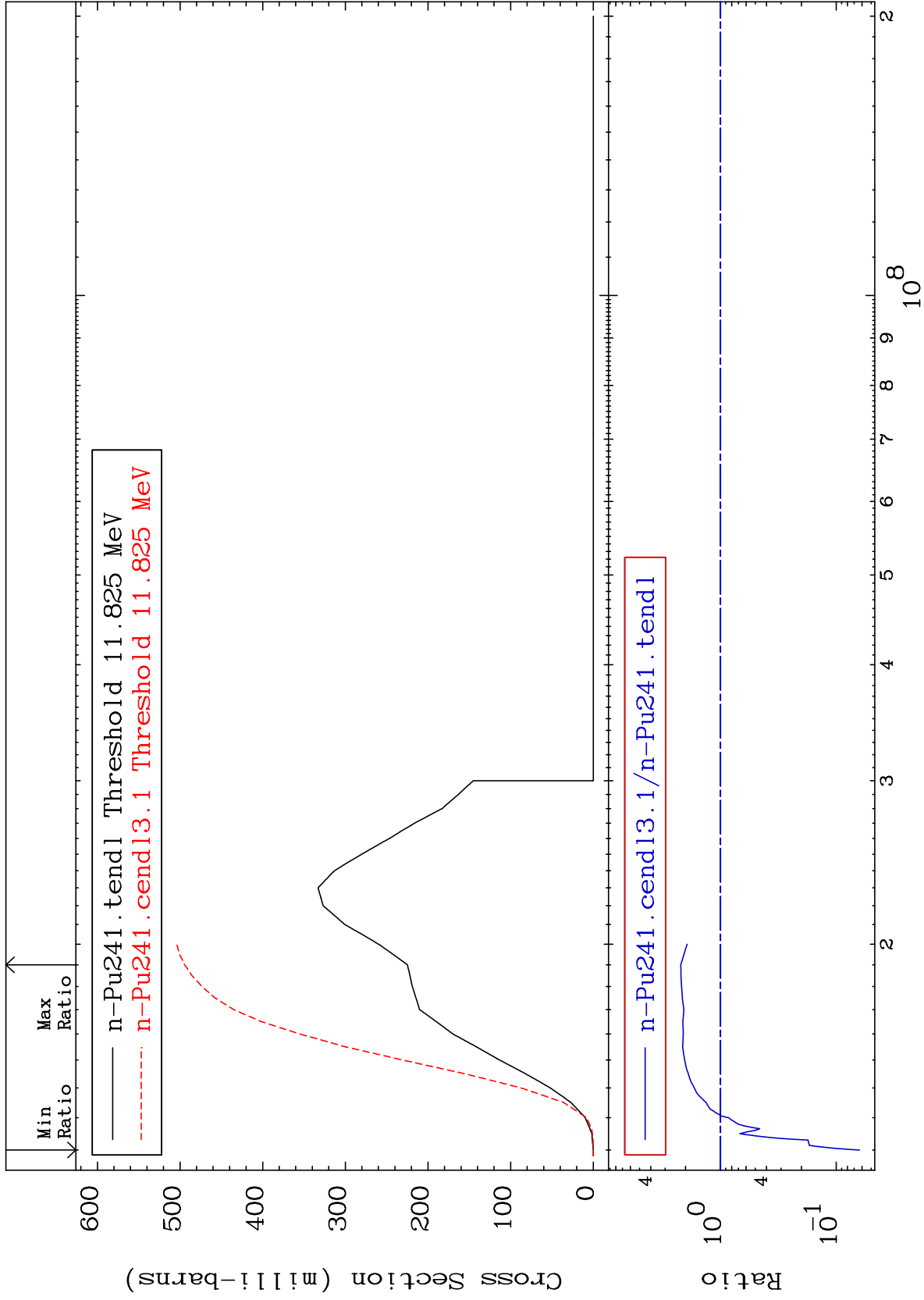
-60.48 To 3.045 %



MAT 9443

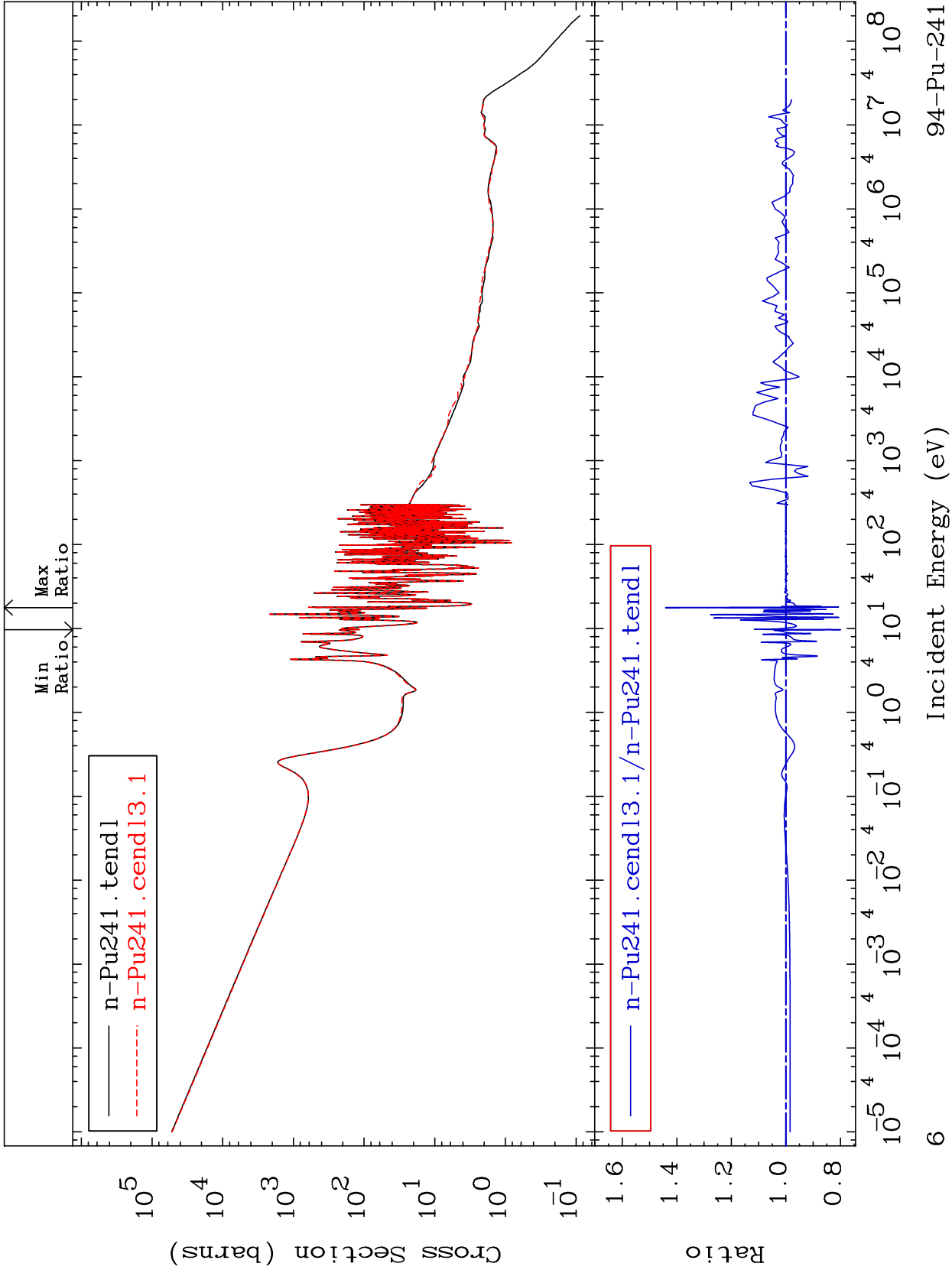
(n,3n)
Cross Section

94-Pu-241
-93.70 To 119.9 %



MAT 9443

Fission Cross Section 94-Pu-241
-20.08 To 44.14 %



94-Pu-241

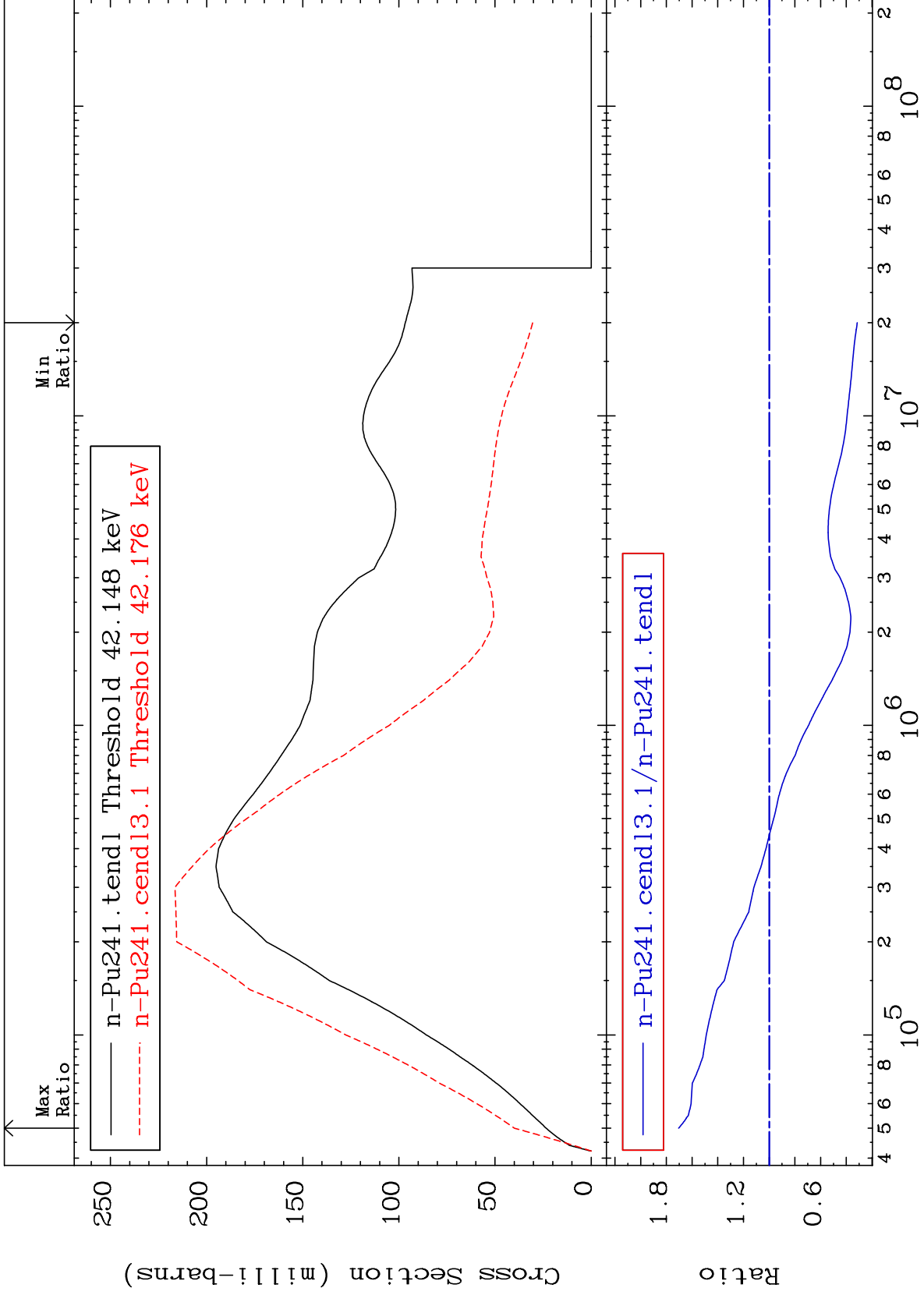
Incident Energy (eV)

6

MAT 9443

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

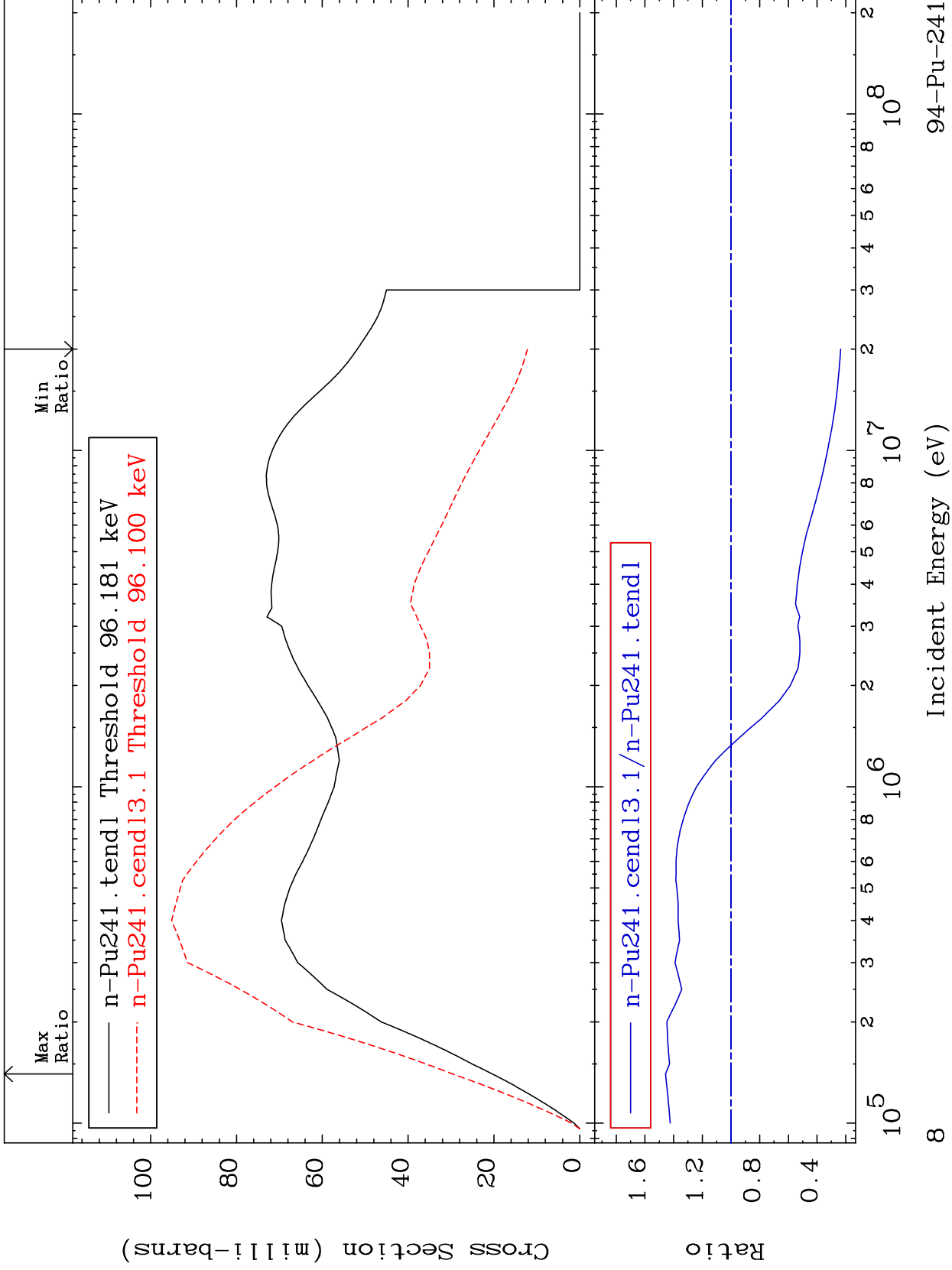
94-Pu-241
-68.51 To 70.46 %



MAT 9443

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

94-Pu-241
-76.48 To 45.67 %

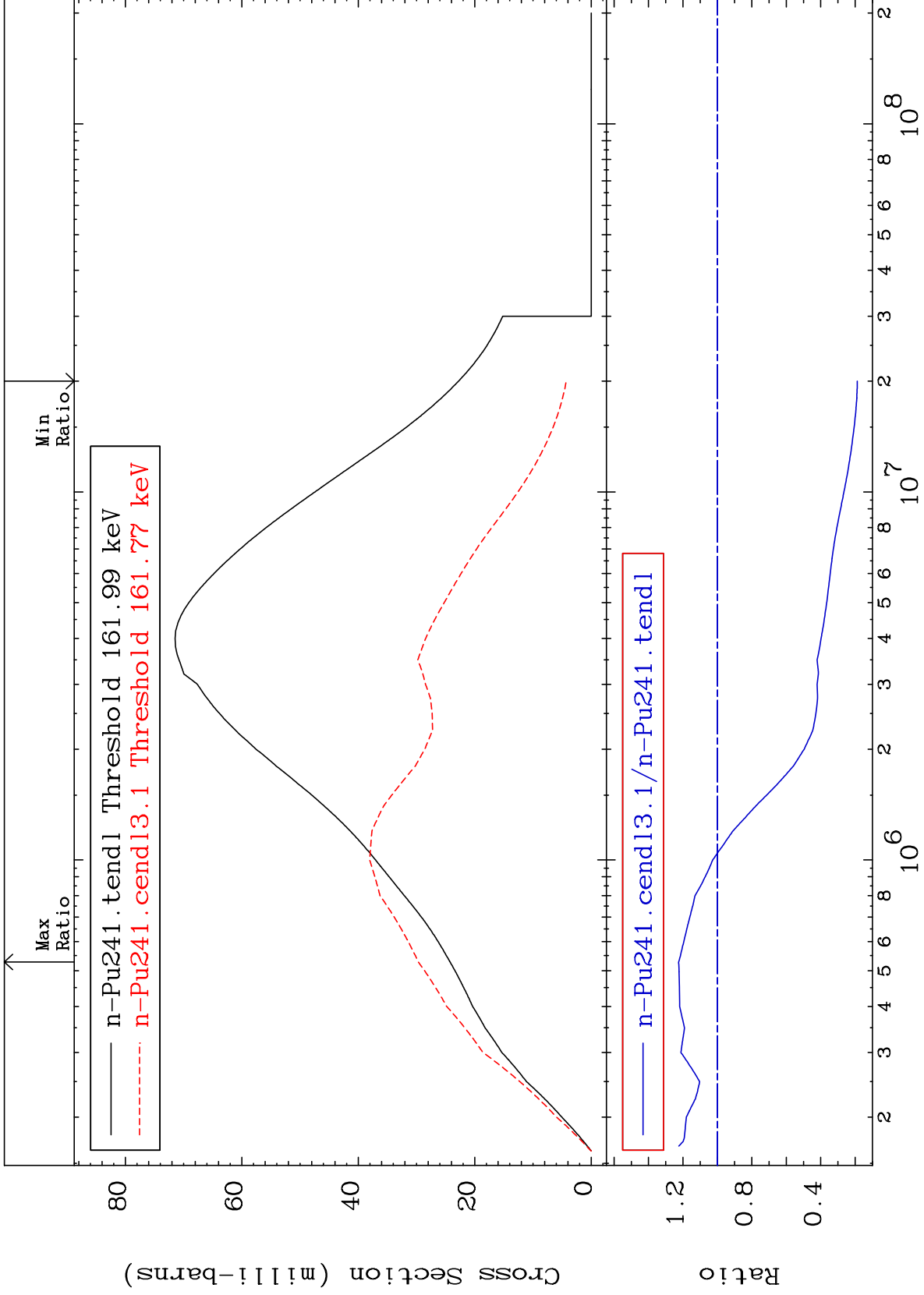


94-Pu-241

MAT 9443

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

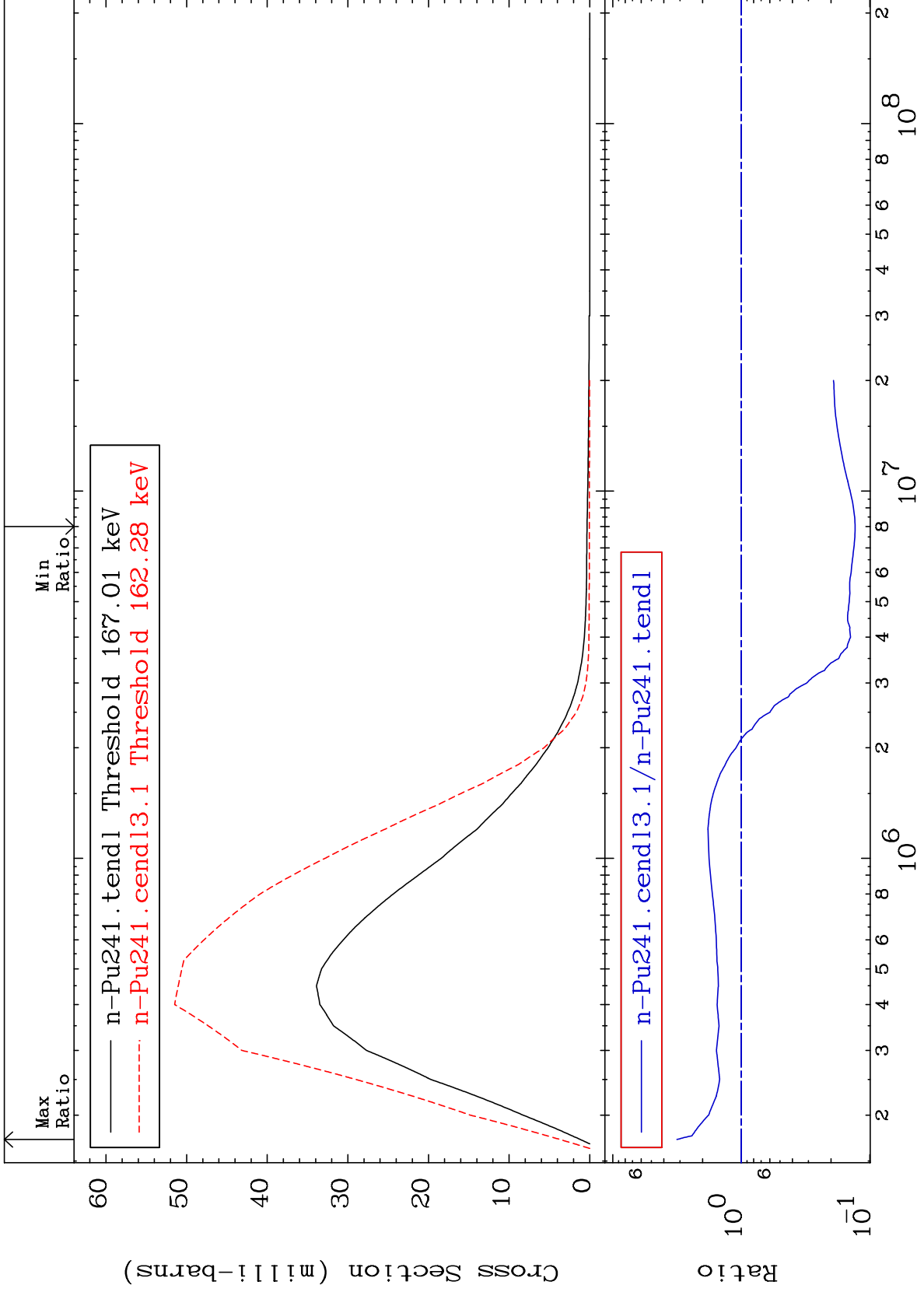
94-Pu-241
-81.21 To 22.51 %



MAT 9443

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

94-Pu-241
-86.99 To 216.4 %



10

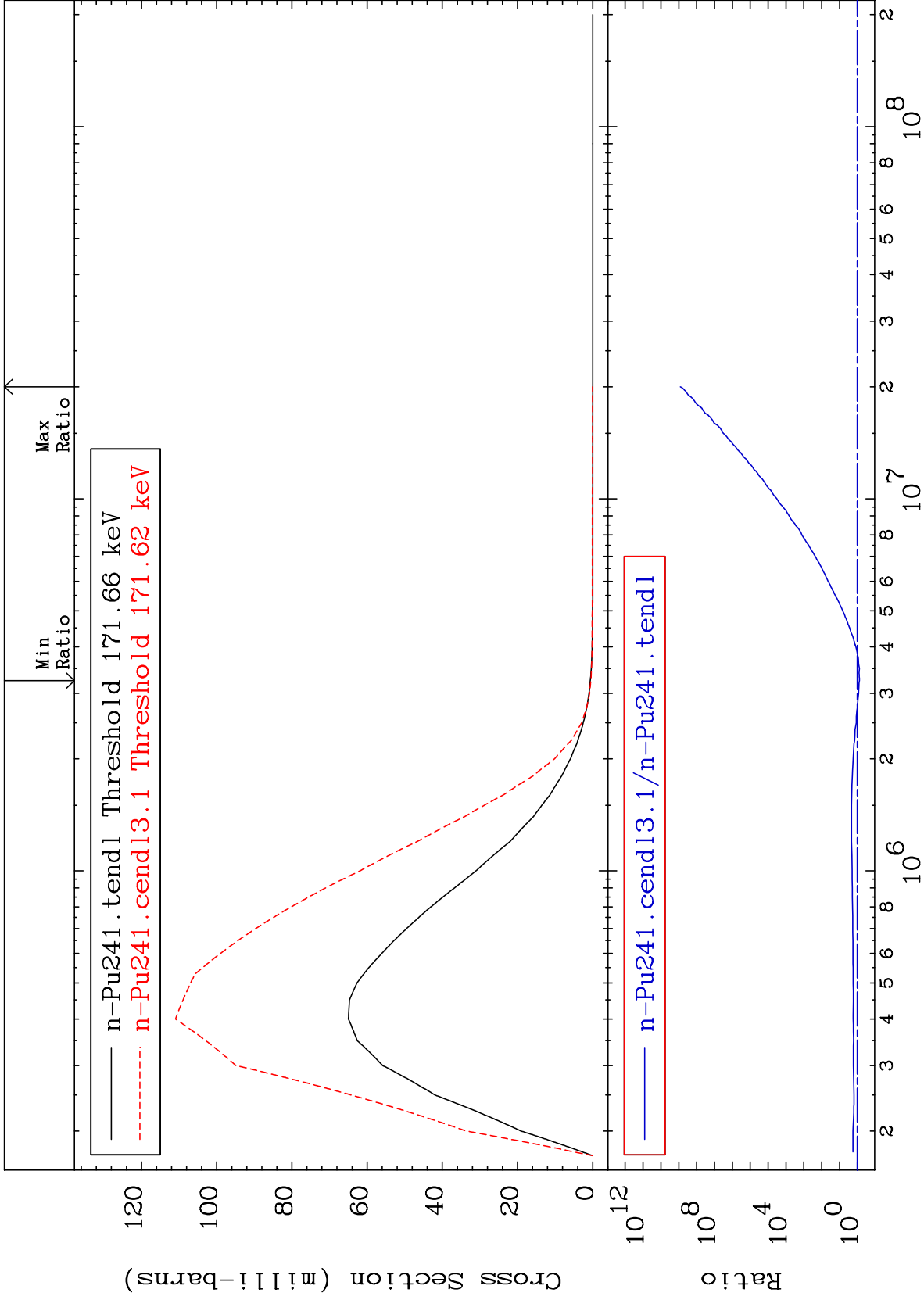
Incident Energy (eV)

94-Pu-241

MAT 9443

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

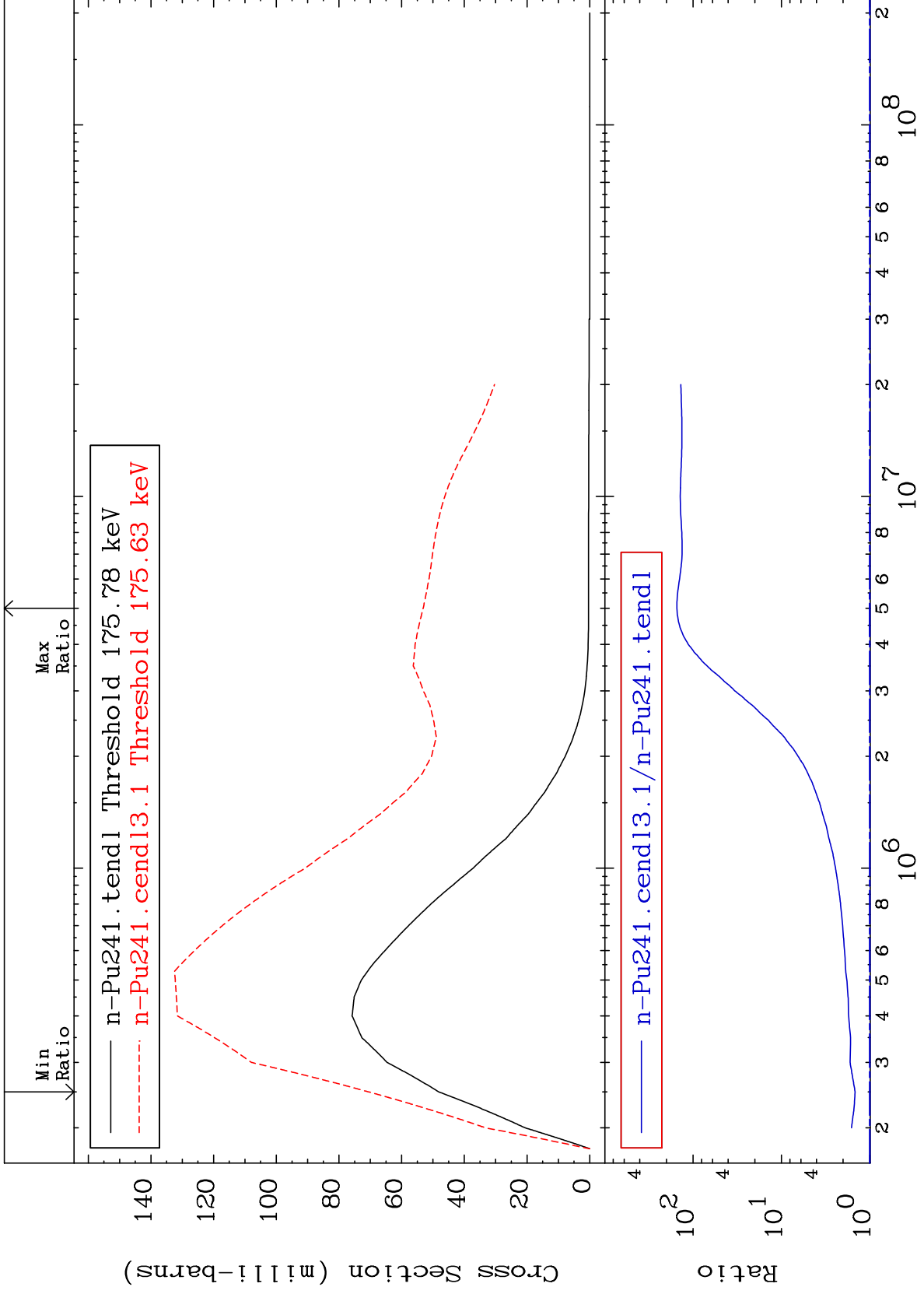
94-Pu-241
-23.10 To 9999. %



MAT 9443

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

94-Pu-241
46.42 To 9999. %



12

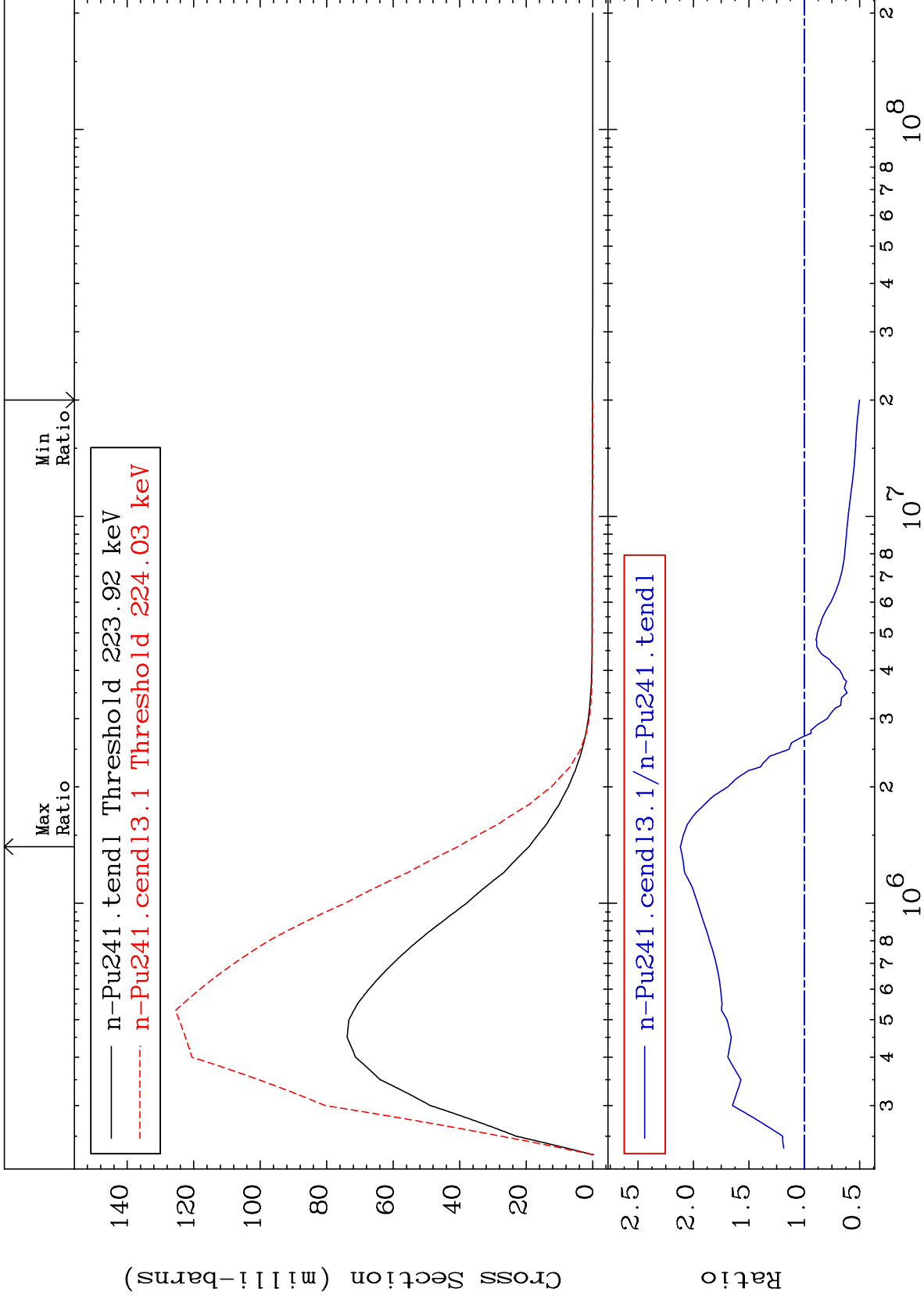
Incident Energy (eV)

94-Pu-241

MAT 9443

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

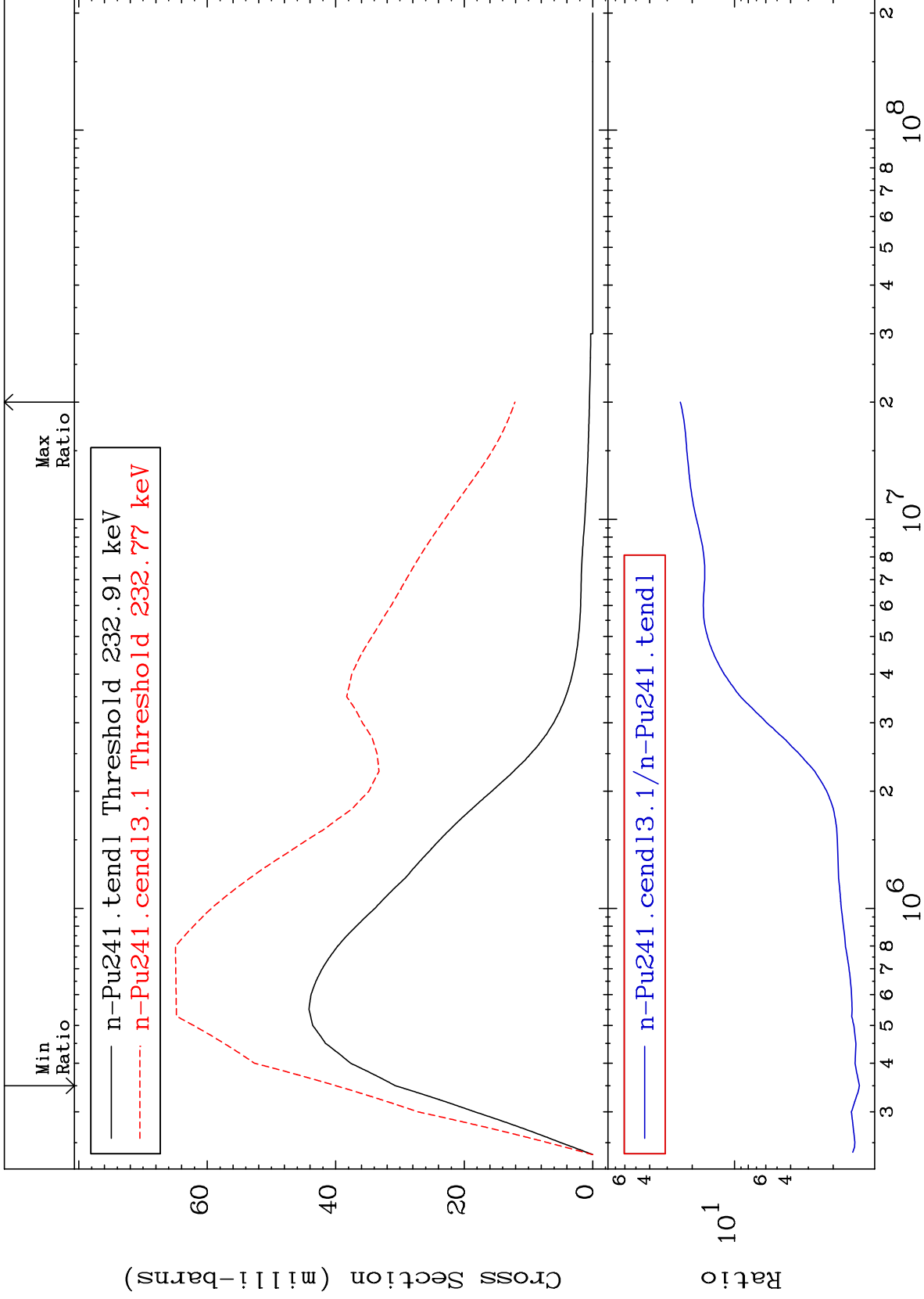
94-Pu-241
-49.75 To 111.8 %



MAT 9443

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

94-Pu-241
30.13 To 2322. %



14

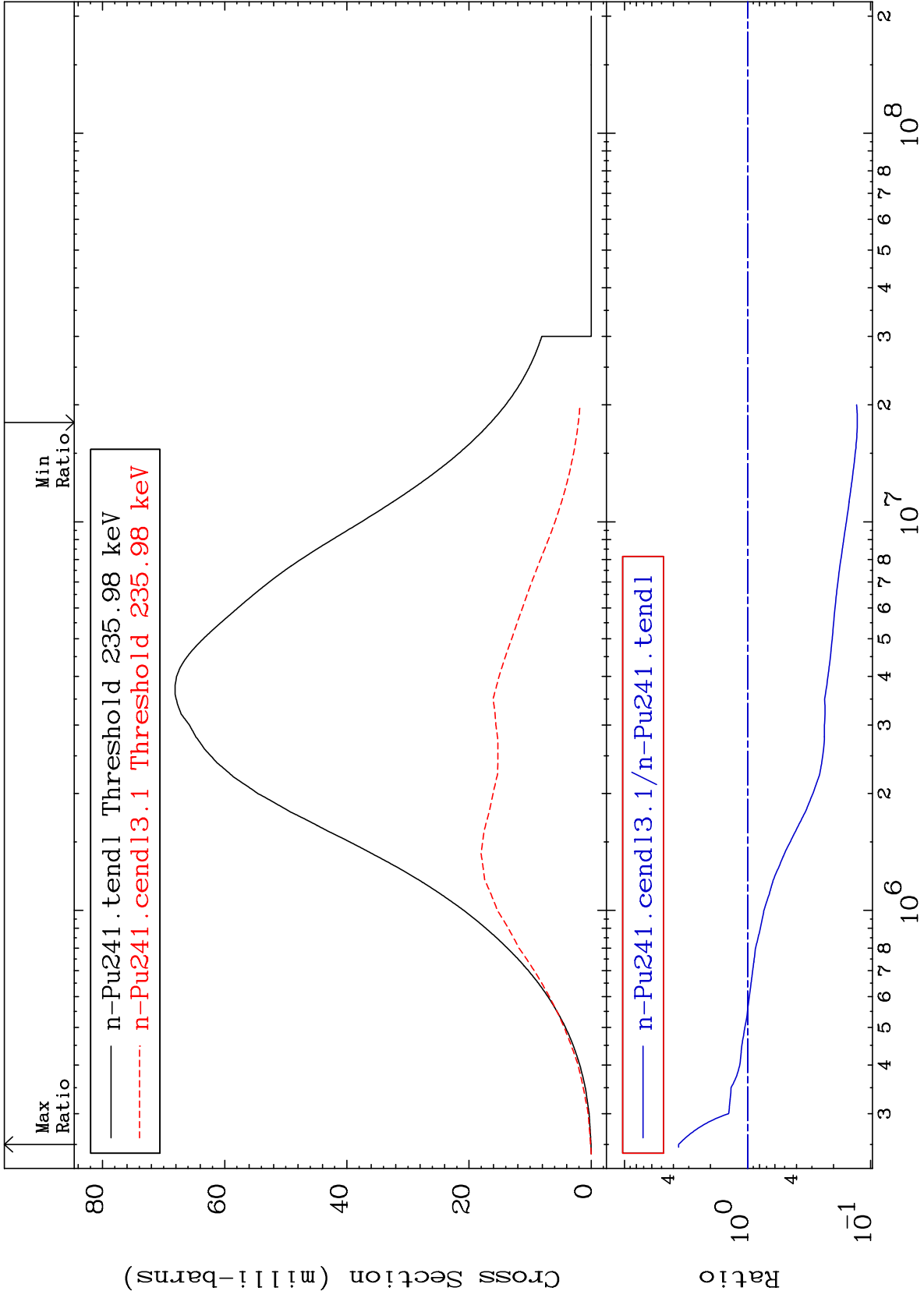
Incident Energy (eV)

94-Pu-241

MAT 9443

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

94-Pu-241
-87.16 To 263.2 %



15

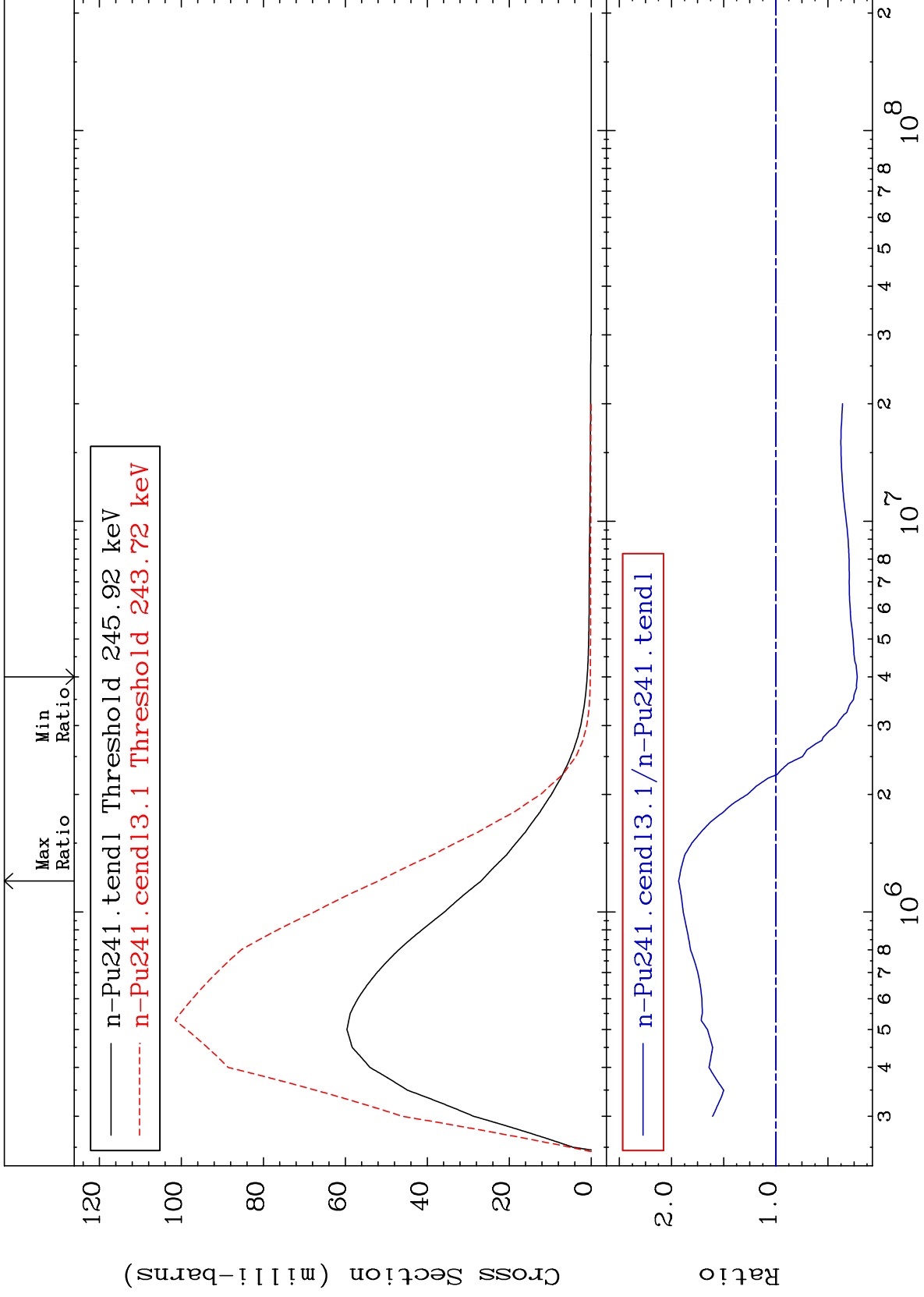
Incident Energy (eV)

94-Pu-241

MAT 9443

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

94-Pu-241
-78.05 To 93.18 %



16

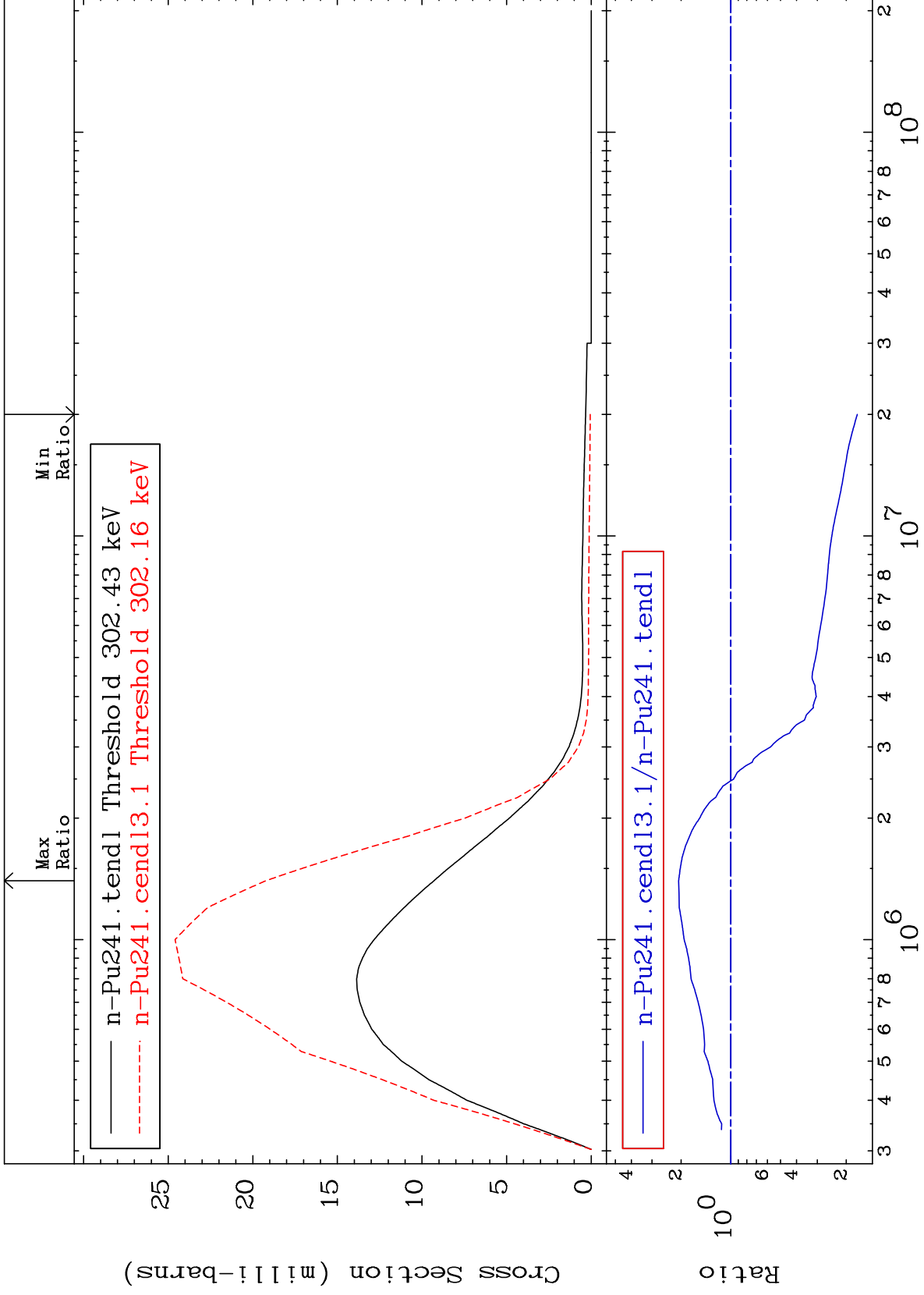
Incident Energy (eV)

94-Pu-241

MAT 9443

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

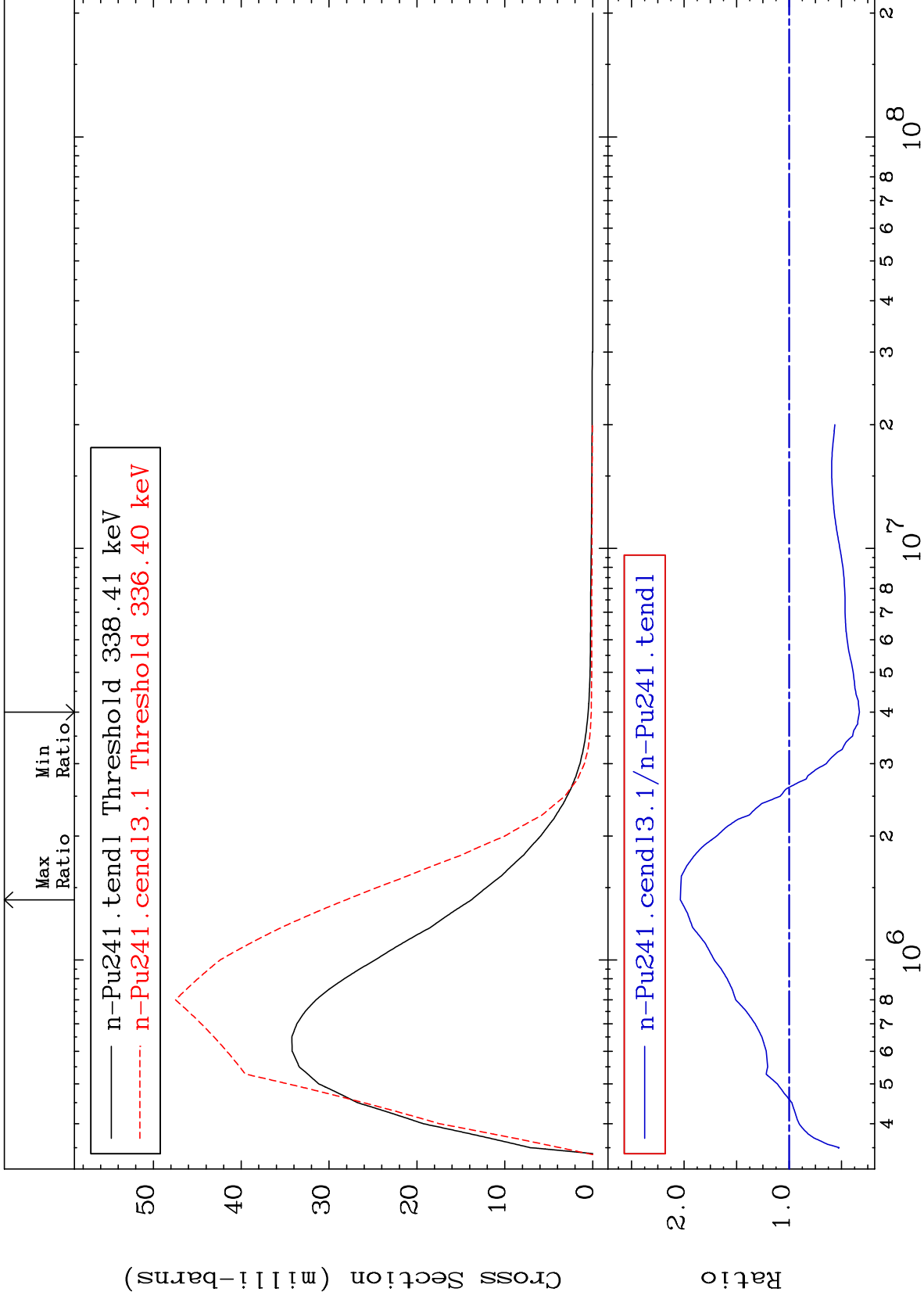
94-Pu-241
-82.83 To 106.9 %



MAT 9443

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

94-Pu-241
-66.98 To 103.5 %



18

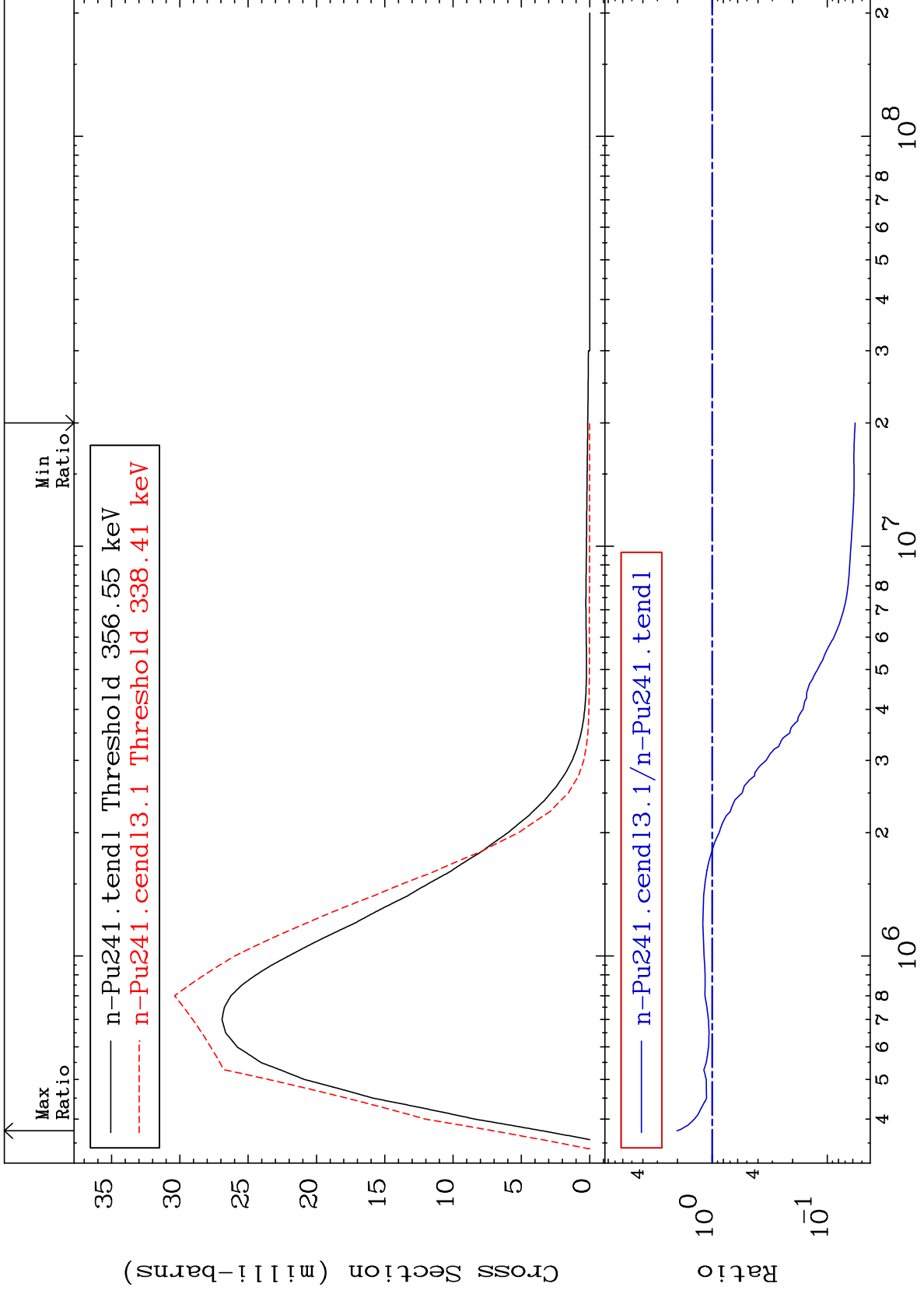
Incident Energy (eV)

94-Pu-241

MAT 9443

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

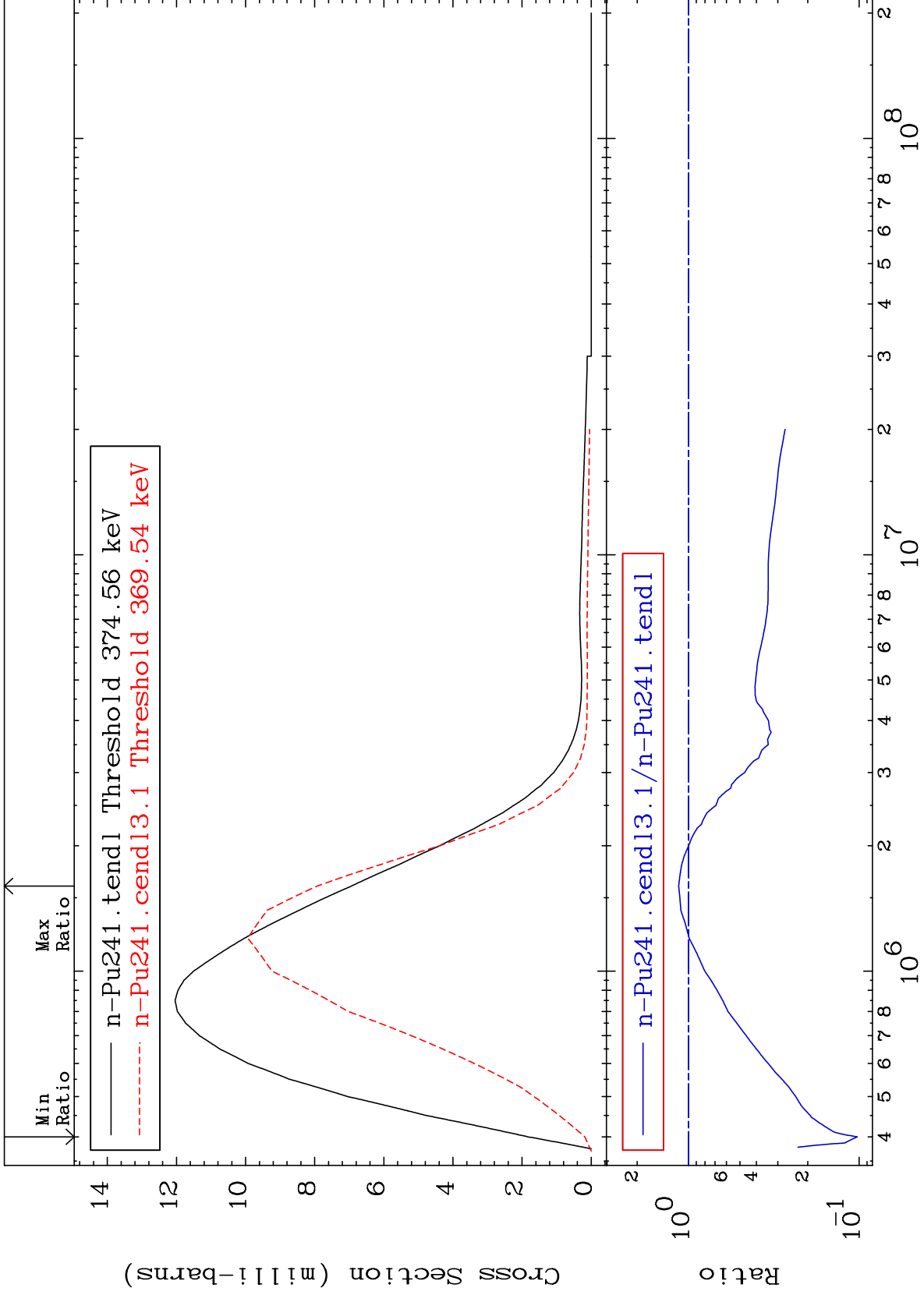
94-Pu-241
-94.27 To 102.6 %



MAT 9443

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

94-Pu-241
-89.74 To 14.25 %



20

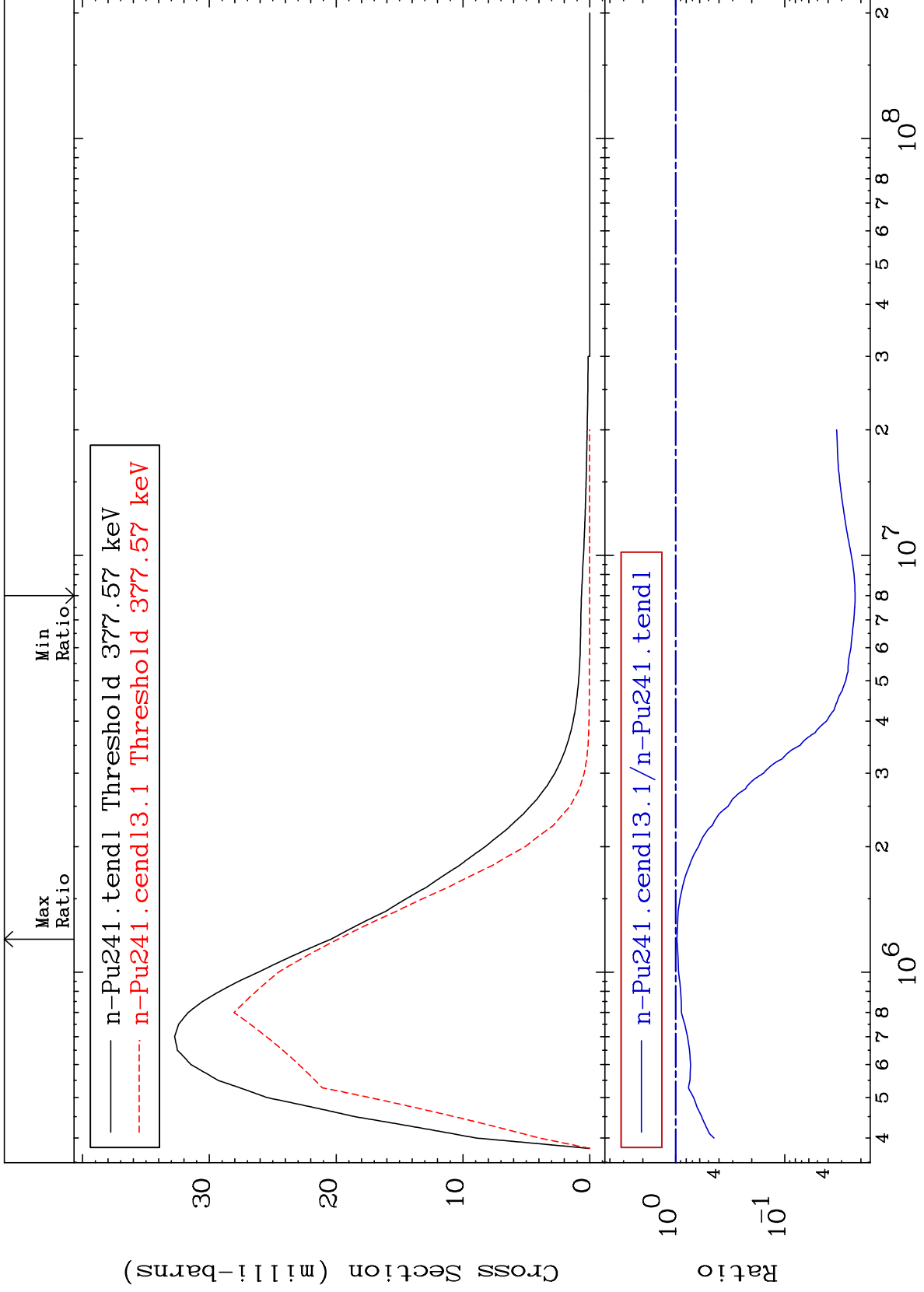
Incident Energy (eV)

94-Pu-241

MAT 9443

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

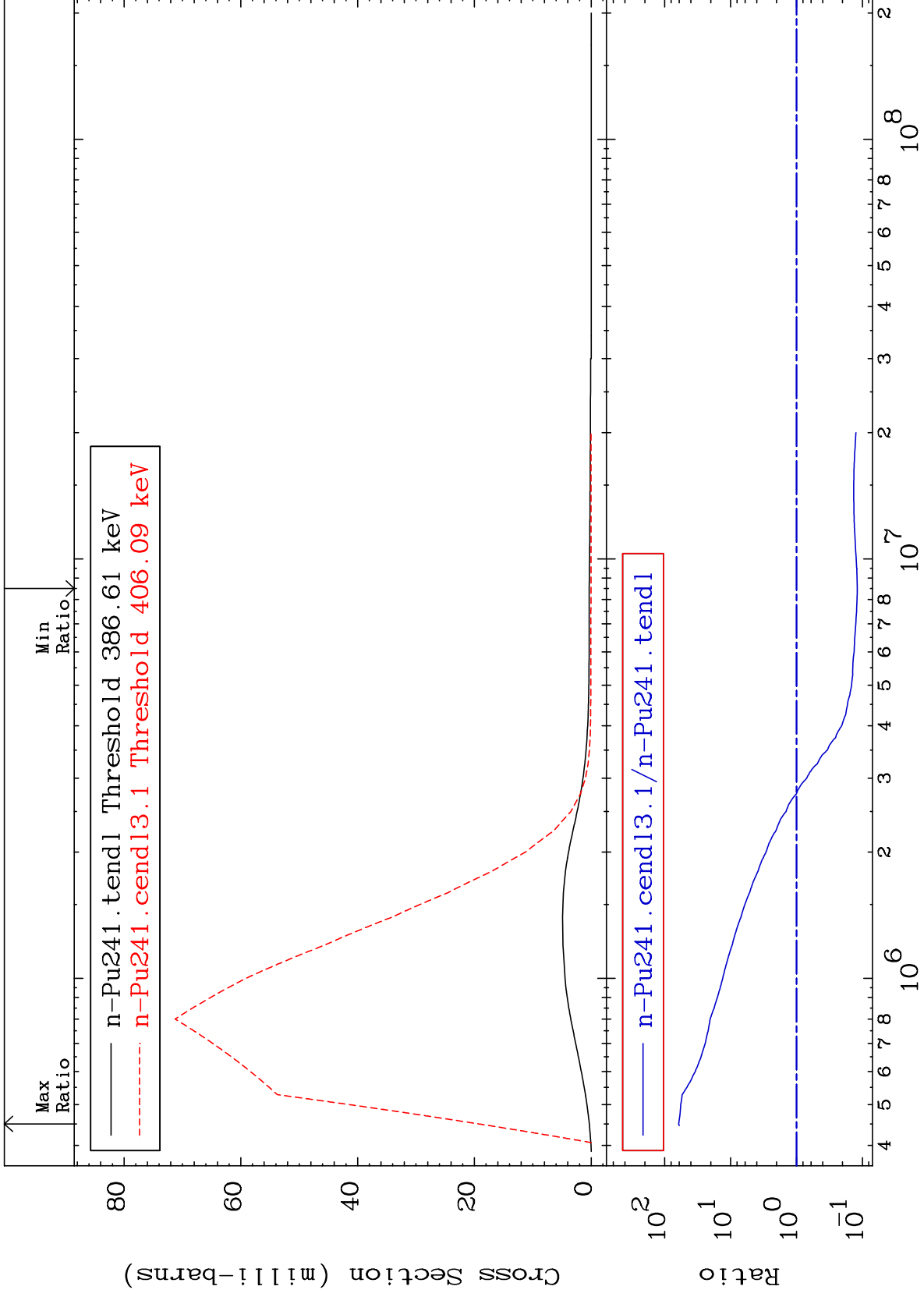
94-Pu-241
-97.74 To -2.754%



MAT 9443

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

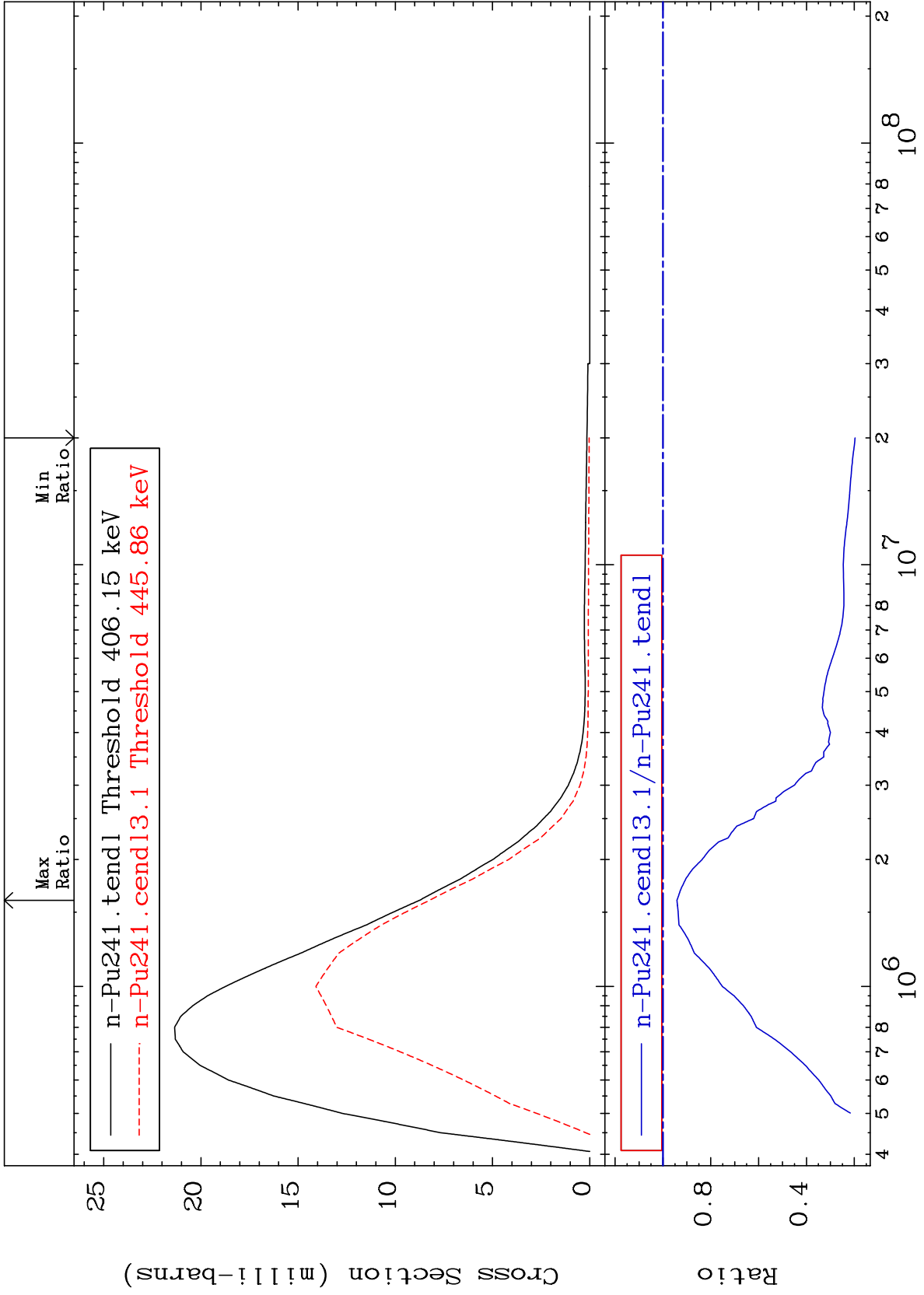
94-Pu-241
-88.03 To 6040. %



MAT 9443

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

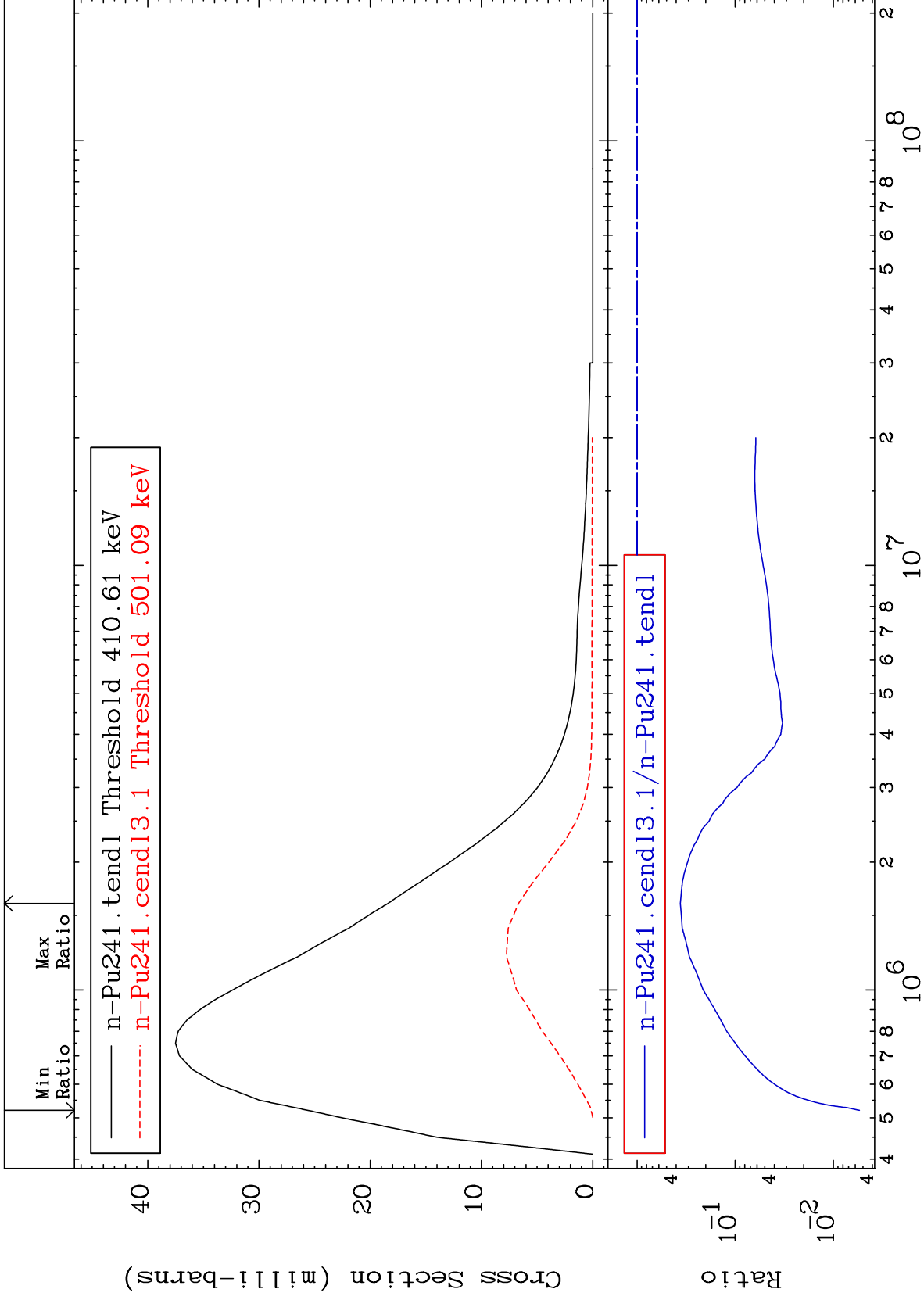
94-Pu-241
-80.31 To -5.841%



MAT 9443

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

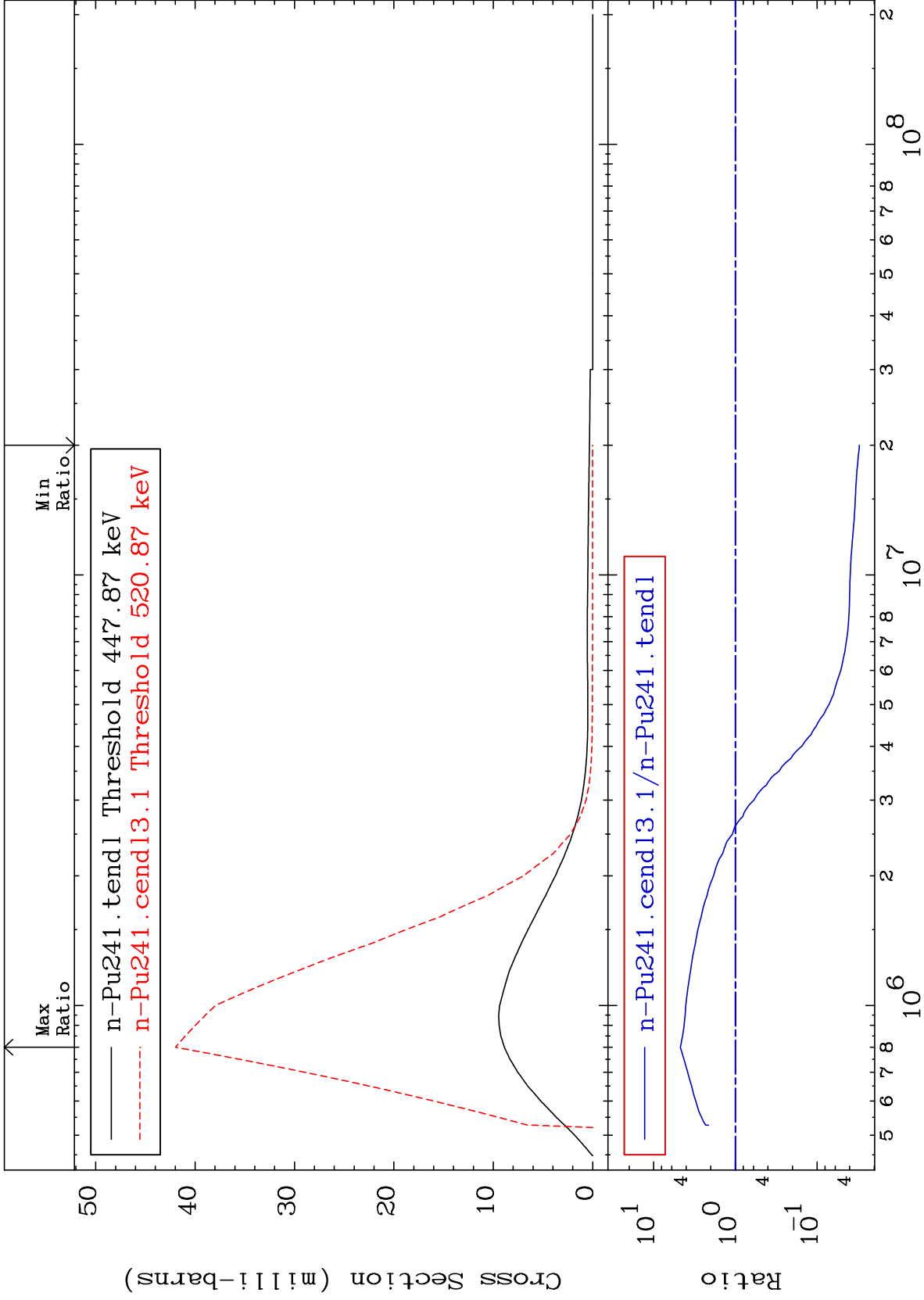
94-Pu-241
-99.46 To -63.78%



MAT 9443

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

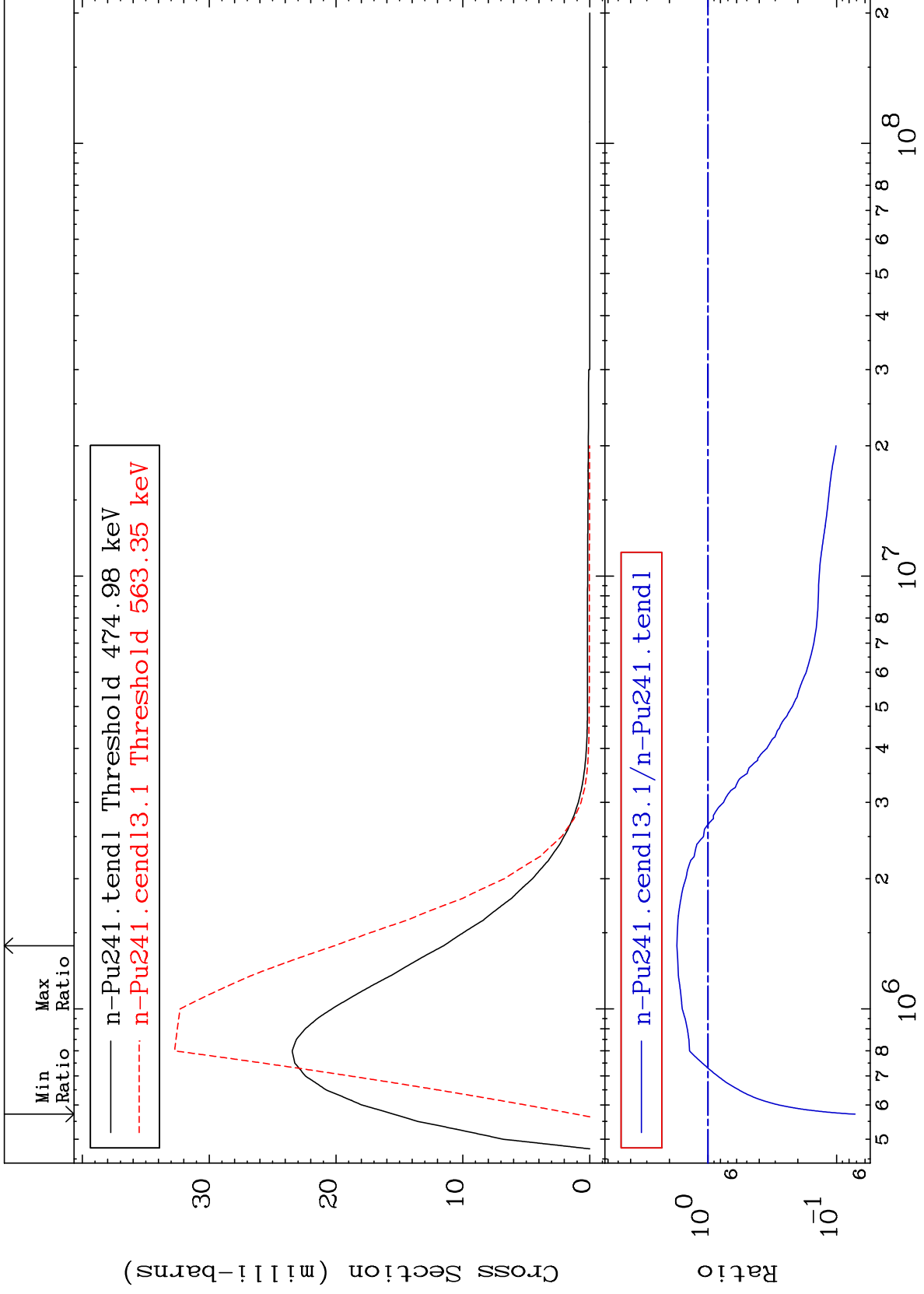
94-Pu-241
-96.96 To 372.1 %



MAT 9443

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

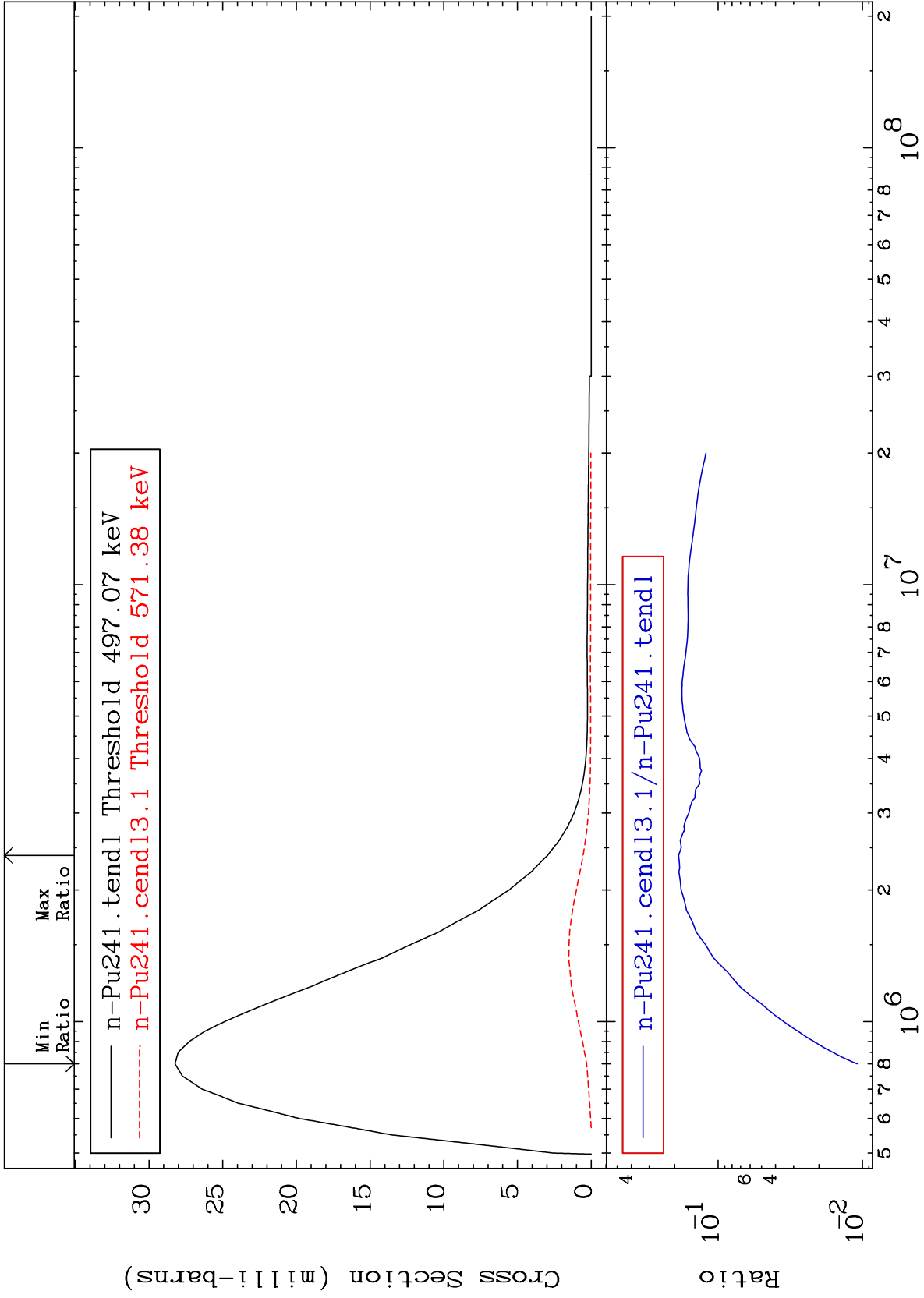
94-Pu-241
-92.82 To 74.68 %



MAT 9443

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

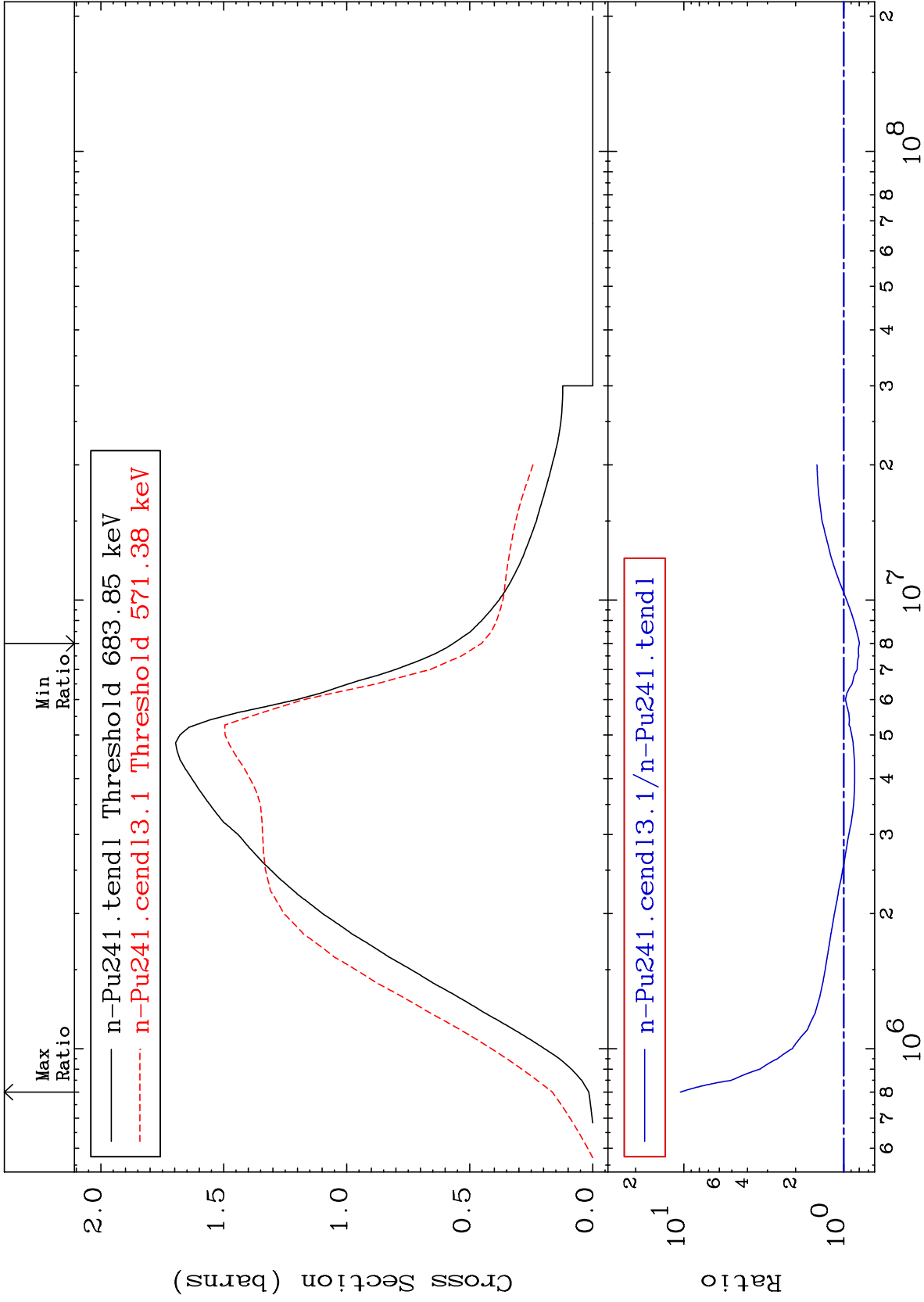
94-Pu-241
-98.91 To -81.21%



MAT 9443

(n, n') Continuum
Cross Section

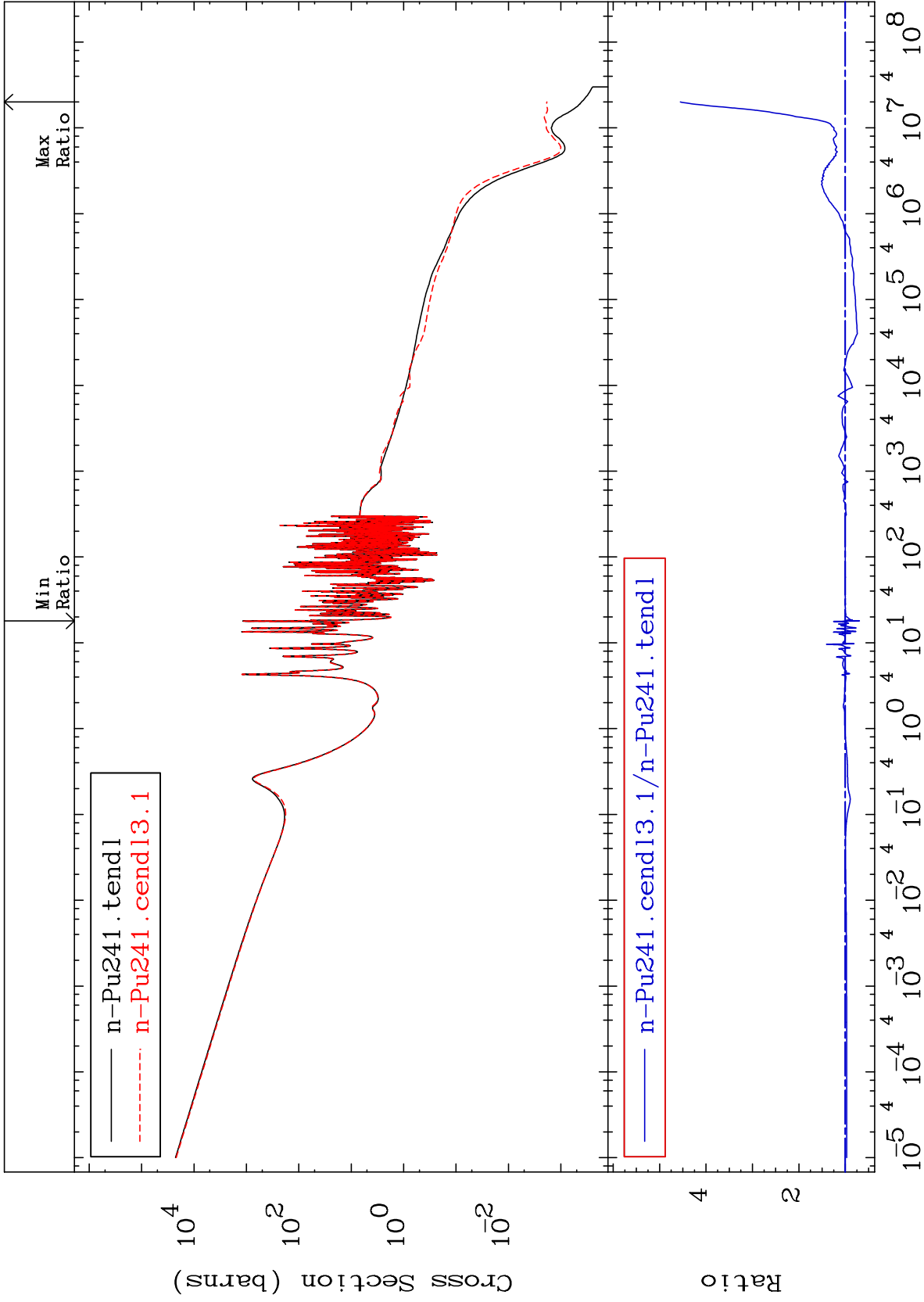
94-Pu-241
-20.26 To 950.2 %



MAT 9443

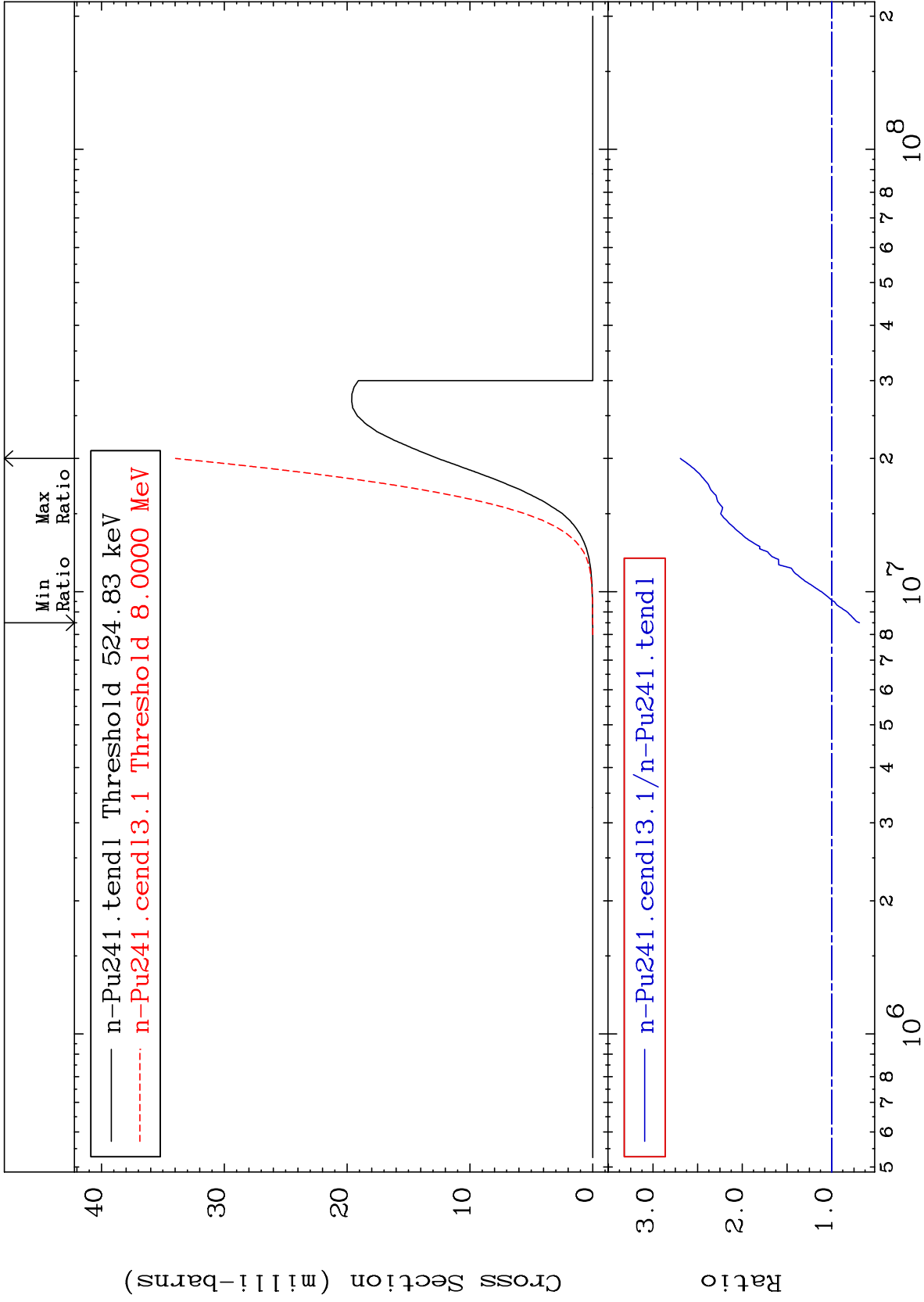
(n, γ)
Cross Section

94-Pu-241
-30.40 To 355.3 %



MAT 9443

(n,p)
Cross Section
94-Pu-241
-31.10 To 169.4 %



30

Incident Energy (eV)

94-Pu-241

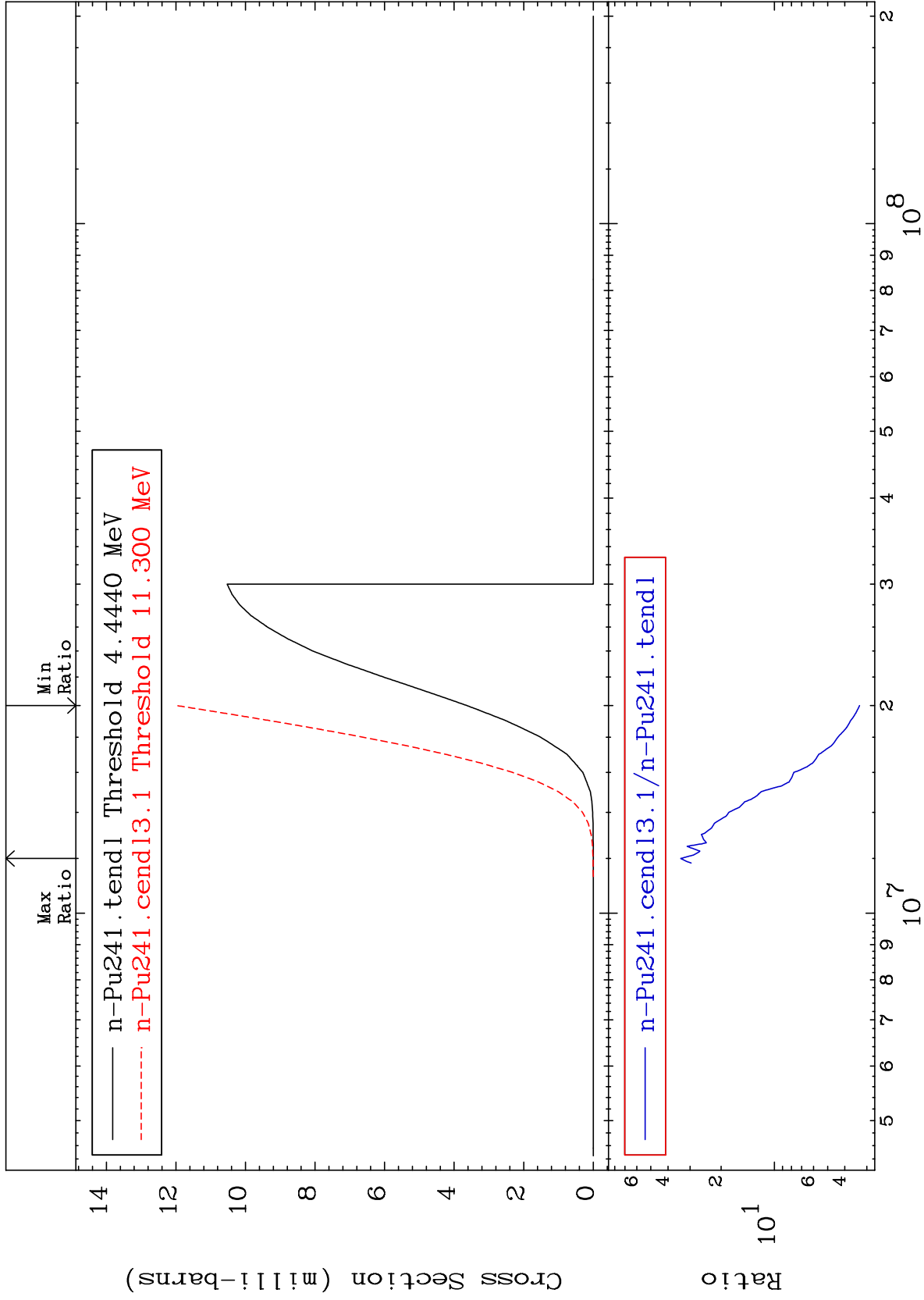
MAT 9443

(n, d)

94-Pu-241

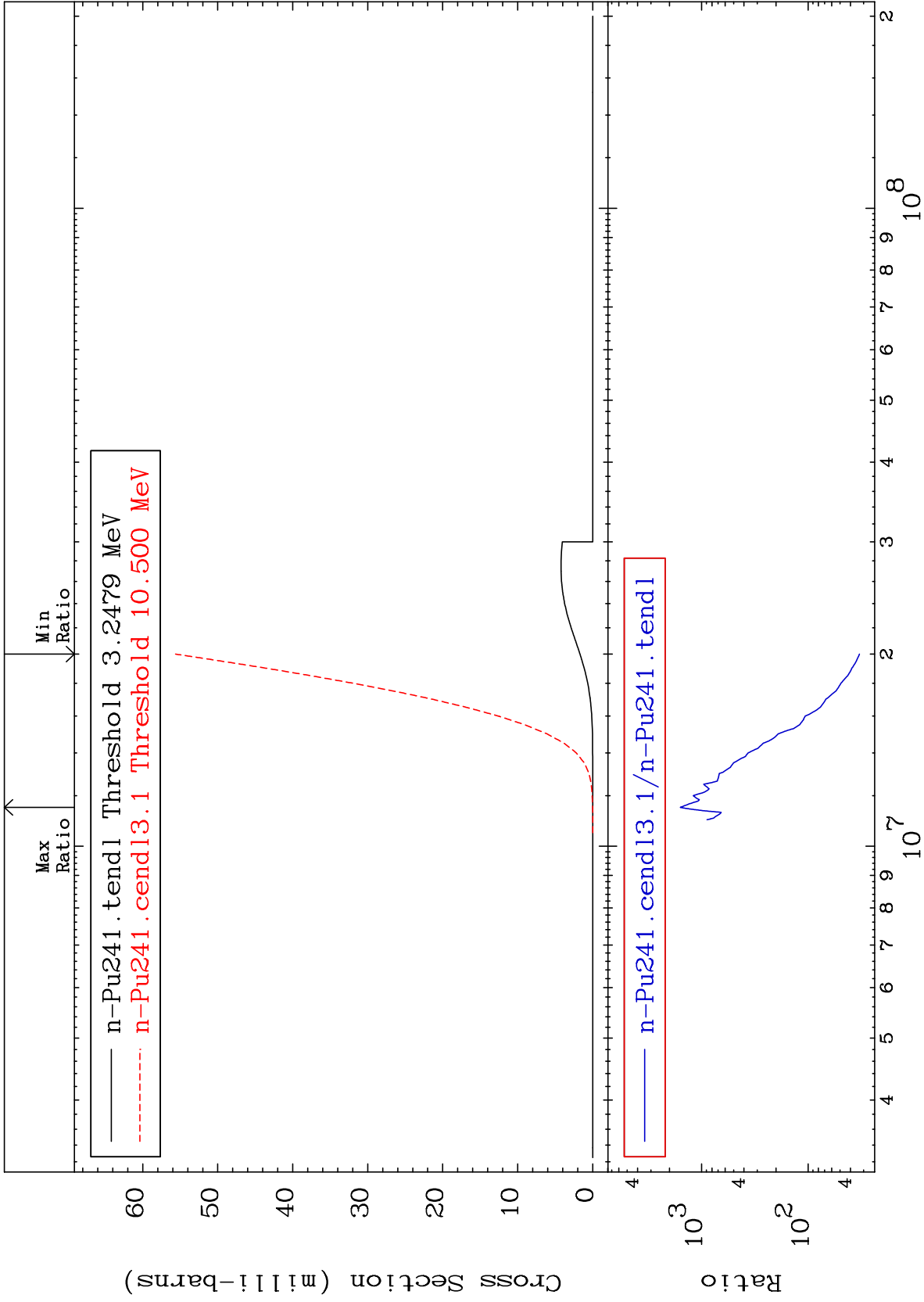
Cross Section

229.8 To 3286. %



MAT 9443

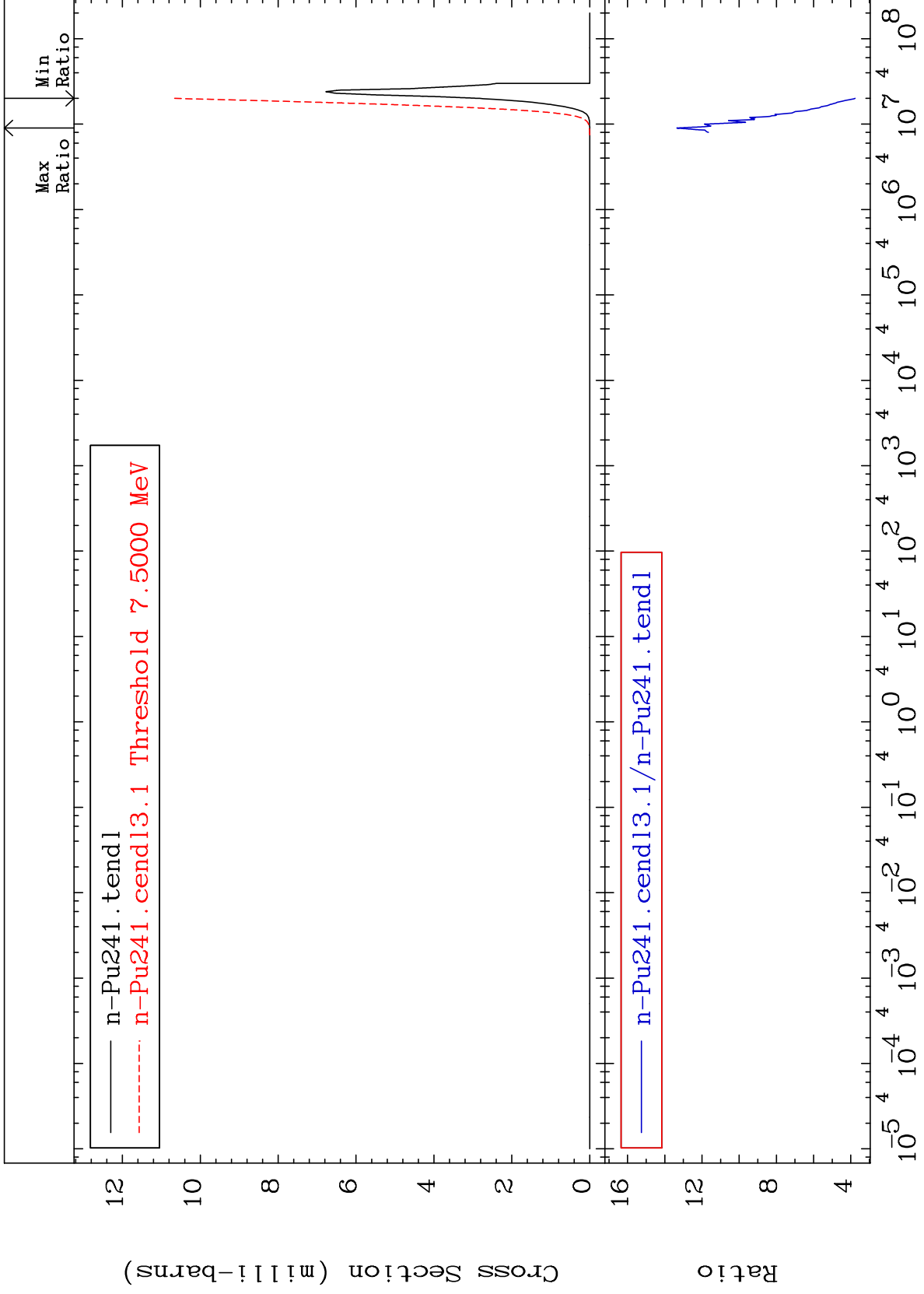
(n, t)
Cross Section
94-Pu-241
3190. To 9999. %



MAT 9443

(n, α)
Cross Section

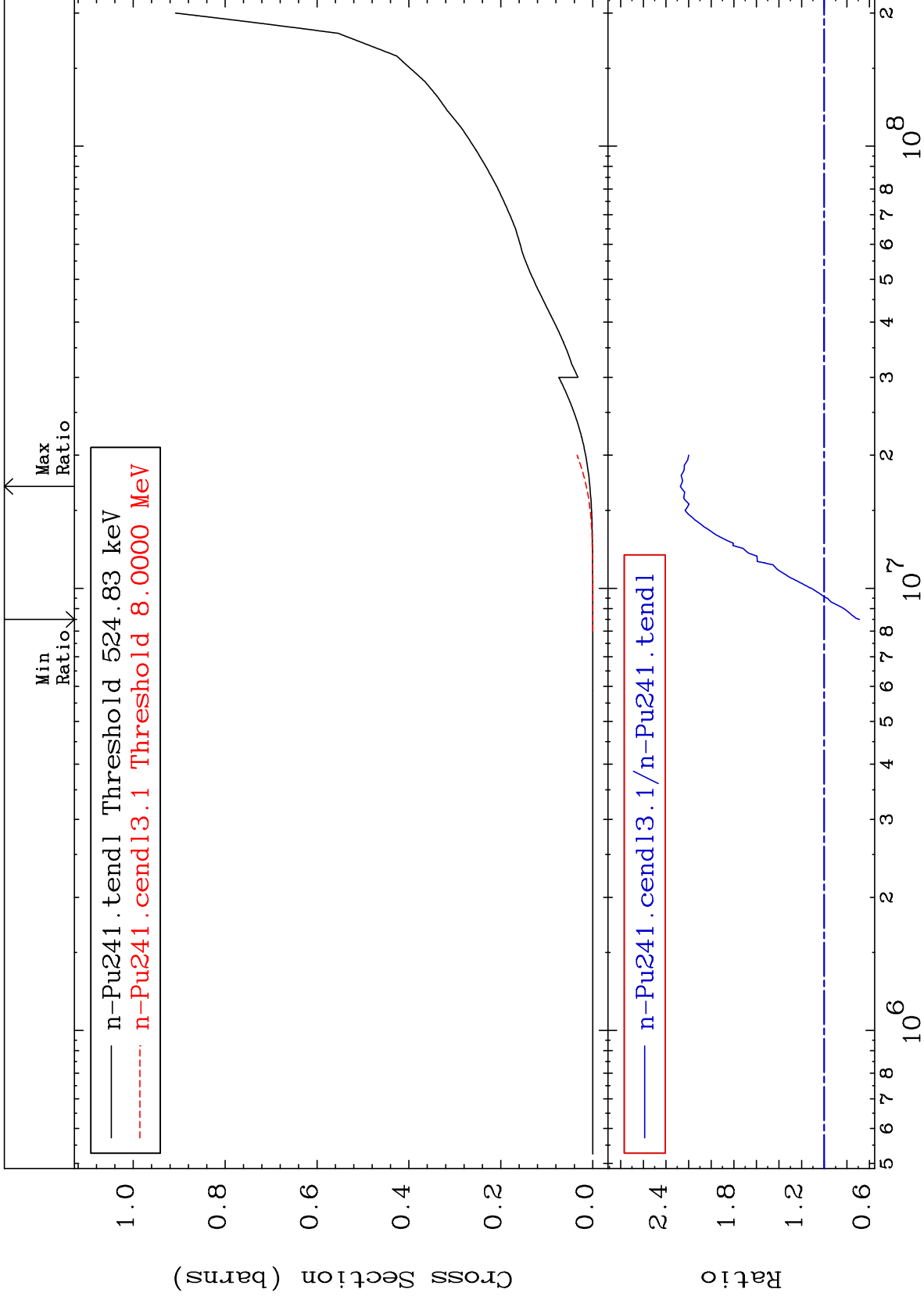
94-Pu-241
277.1 To 1235. %



MAT 9443

Hydrogen Production
Cross Section

94-Pu-241
-31.10 To 127.3 %



34

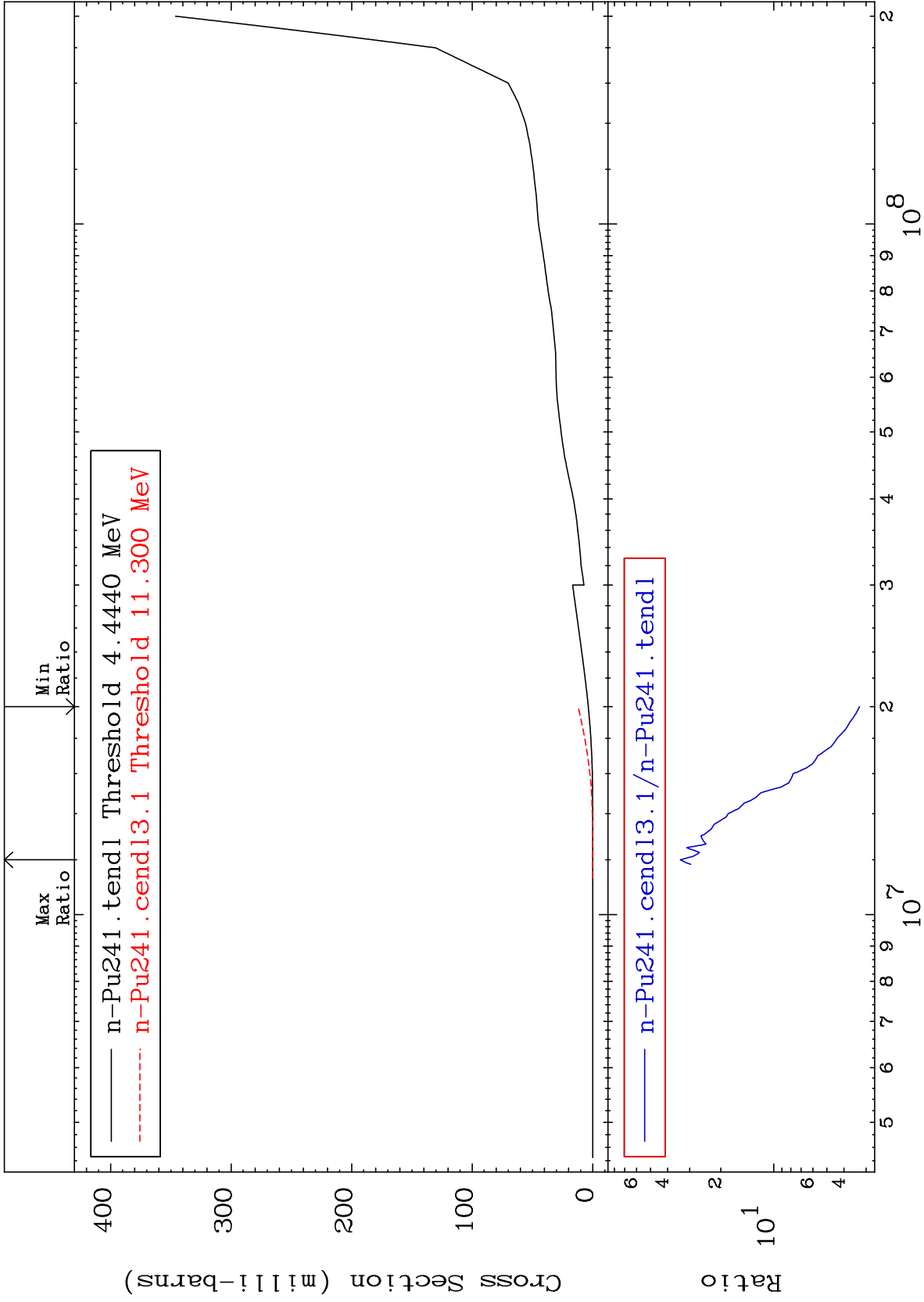
Incident Energy (eV)

94-Pu-241

MAT 9443

Deuterium Production
Cross Section

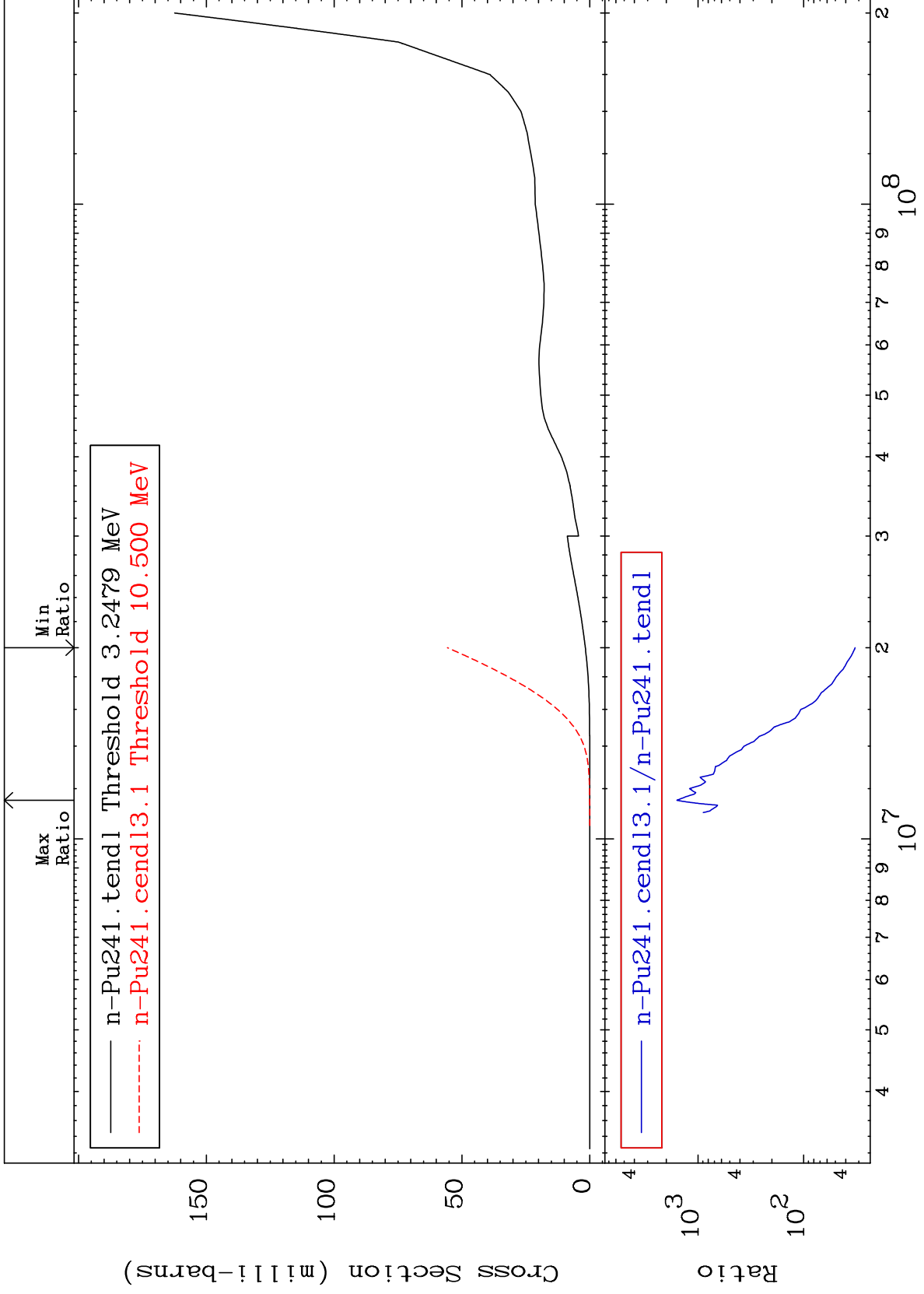
94-Pu-241
227.1 To 3286. %



MAT 9443

Tritium Production
Cross Section

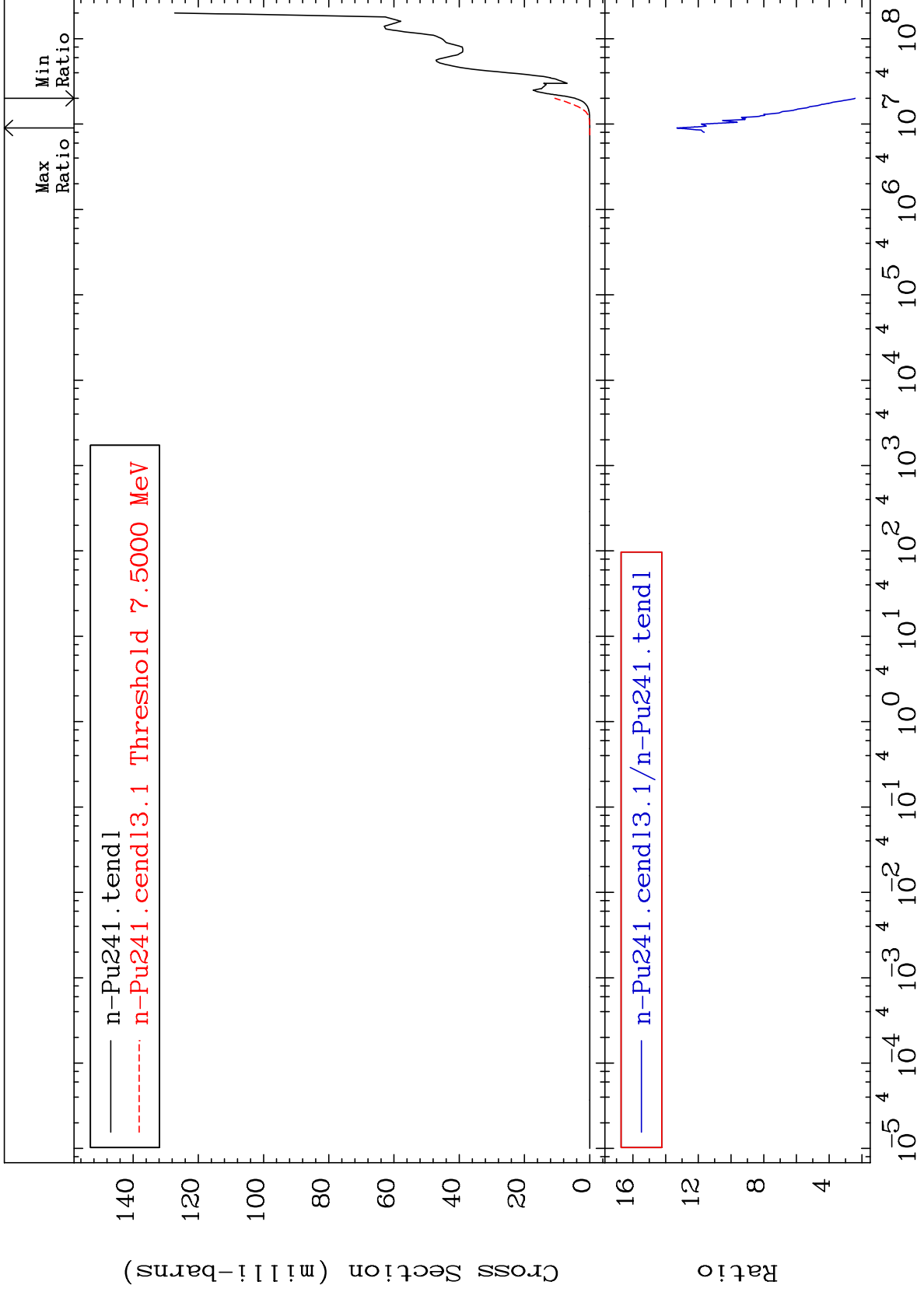
94-Pu-241
3157. To 9999. %



MAT 9443

He-4 Production
Cross Section

94-Pu-241
141.4 To 1231. %



37

Incident Energy (eV)

94-Pu-241

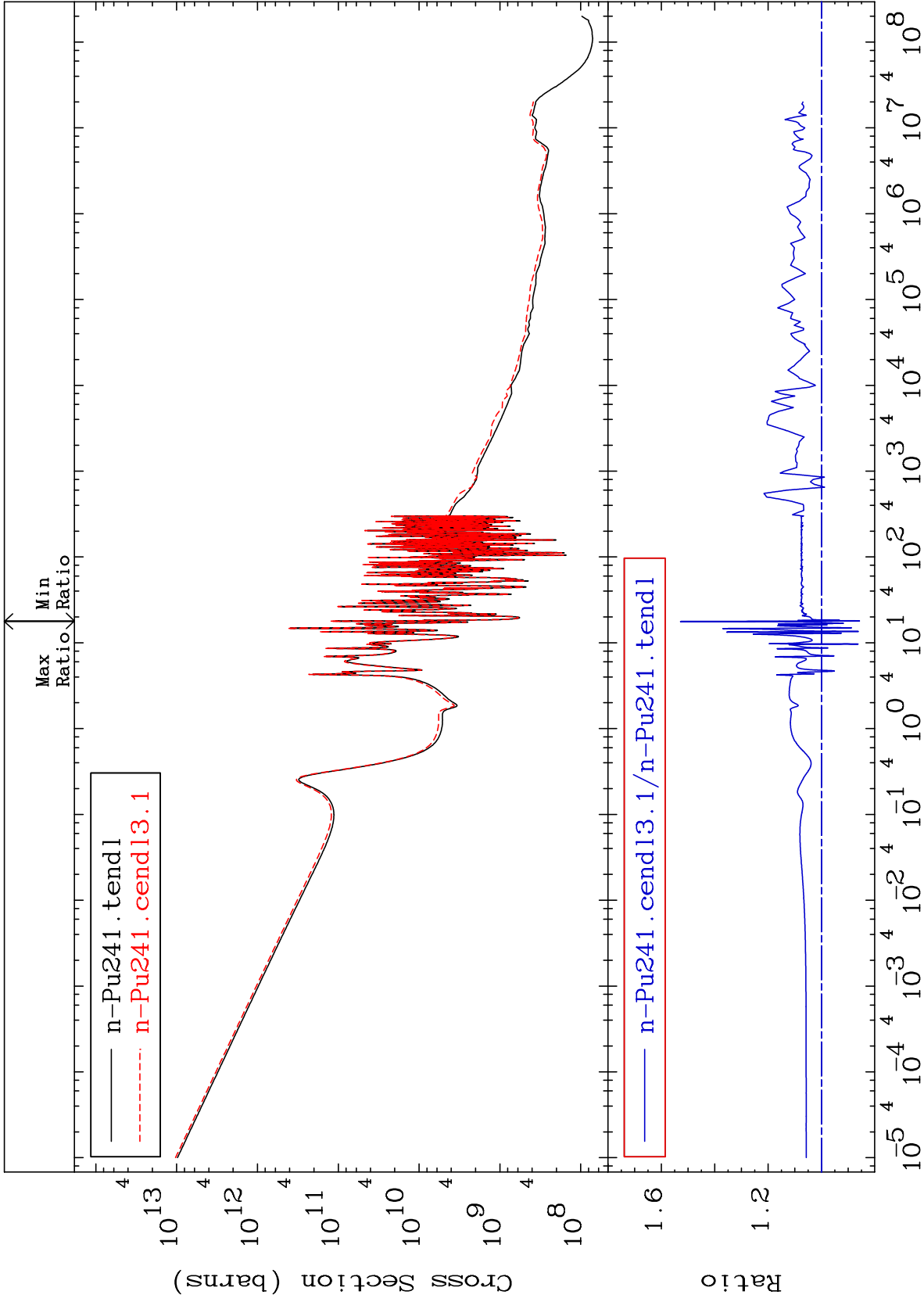
MAT 9443

Kerma total (eV-barns)

94-Pu-241

Cross Section

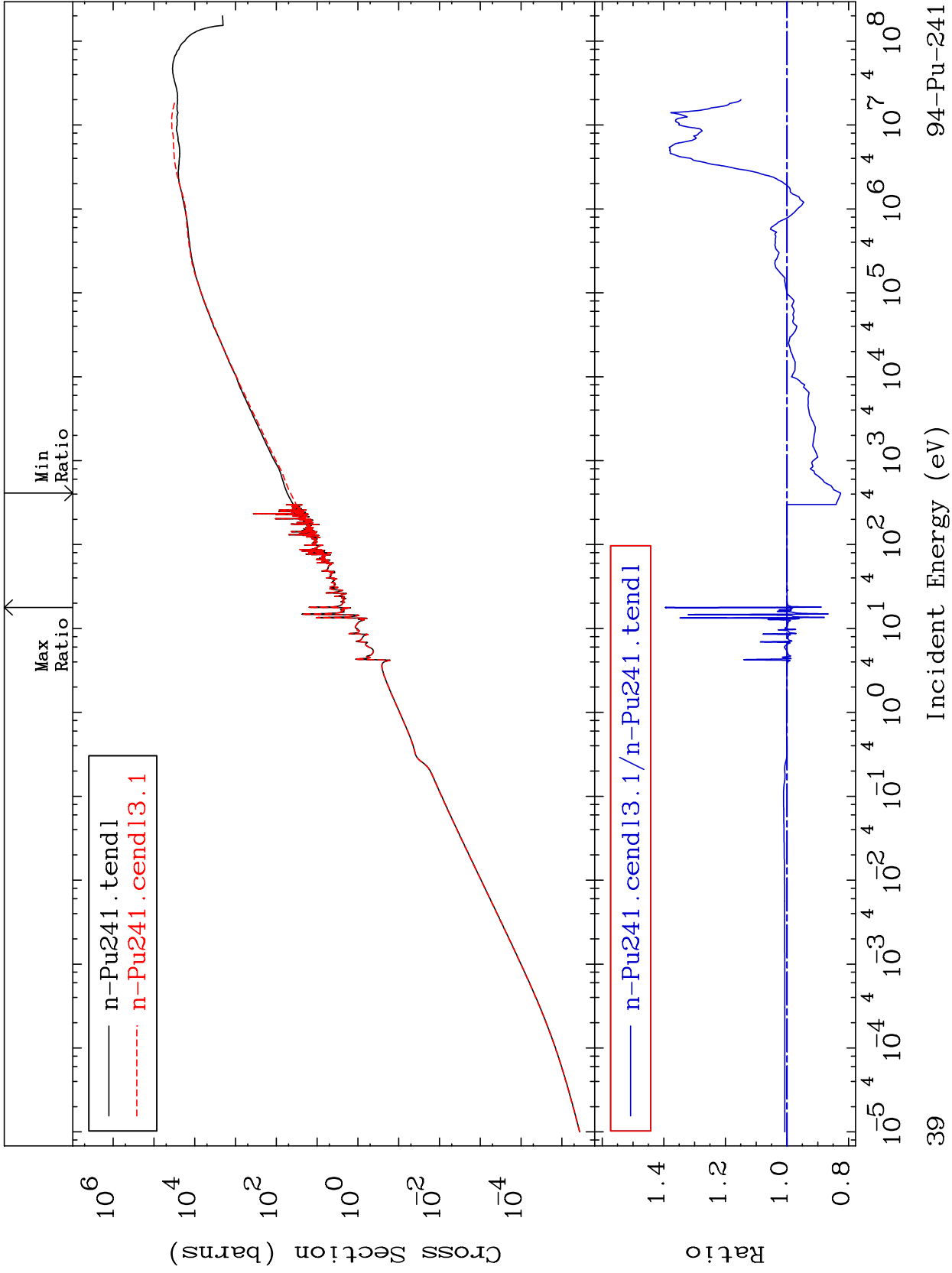
-14.23 To 52.87 %



MAT 9443

Kerma elastic
Cross Section

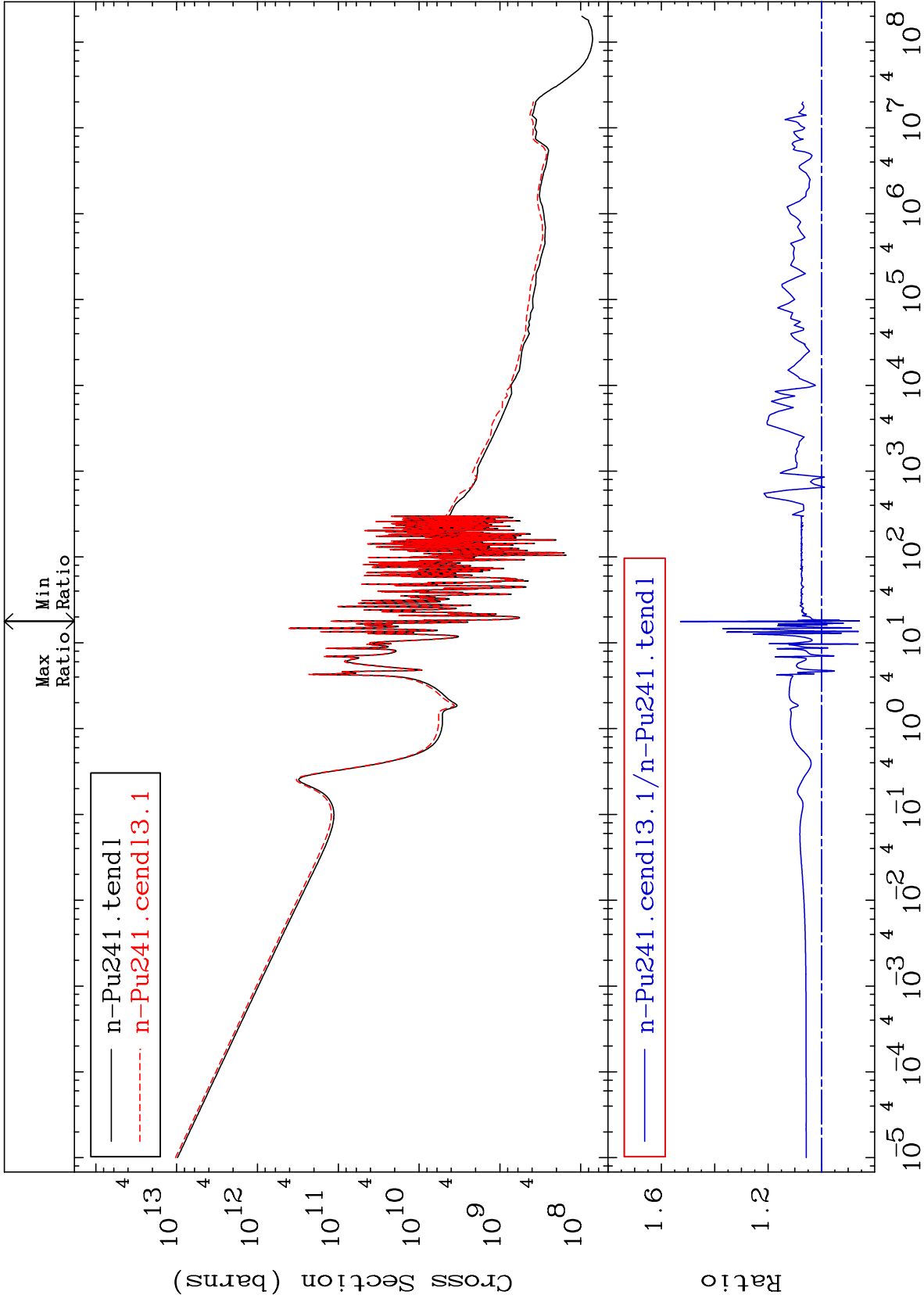
94-Pu-241
-17.43 To 39.45 %



MAT 9443

Kerma non-elastic (all but mt2)
Cross Section

94-Pu-241
-14.23 To 52.87 %



40

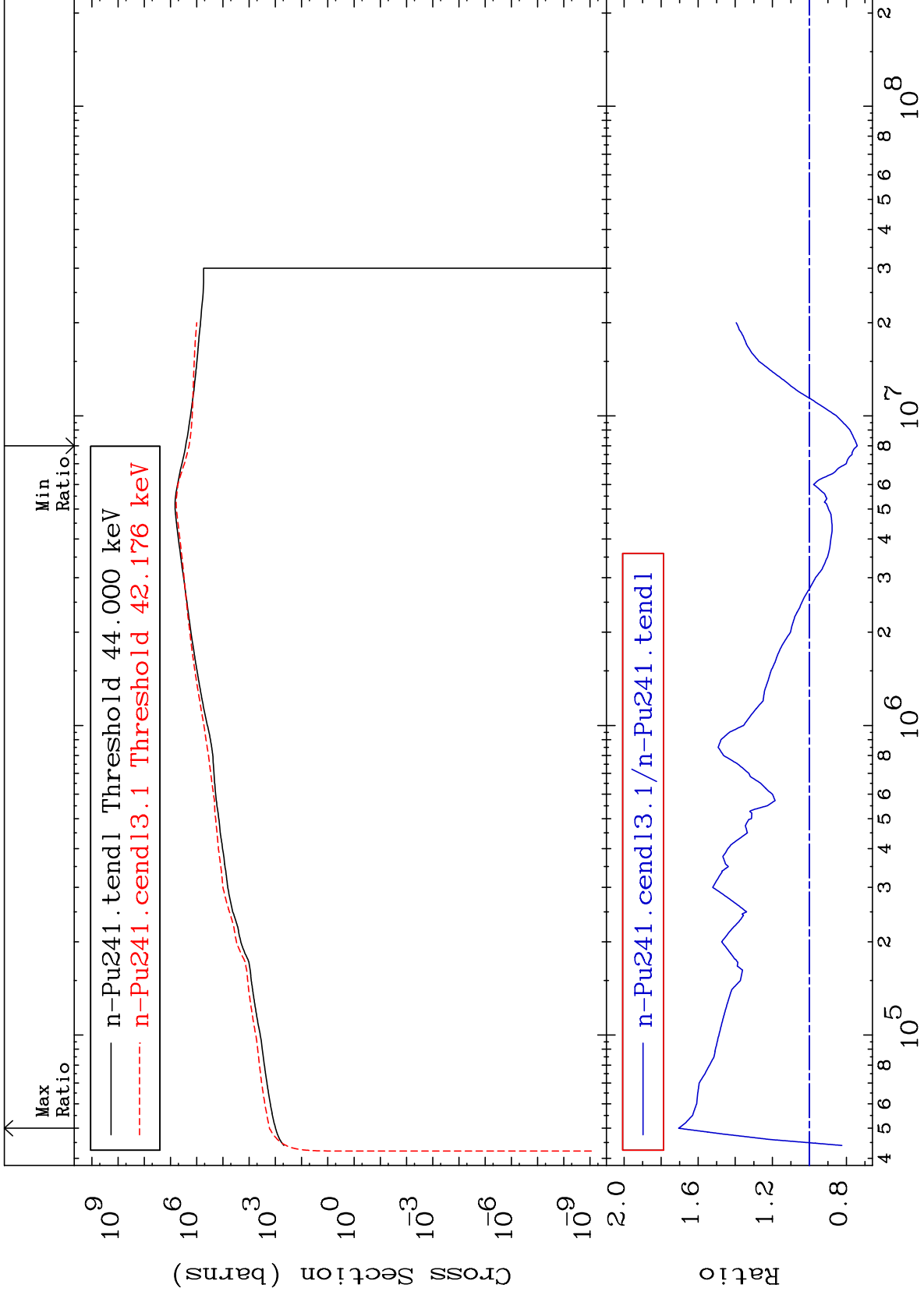
Incident Energy (eV)

94-Pu-241

MAT 9443

Kerma inelastic (mt51-91)
Cross Section

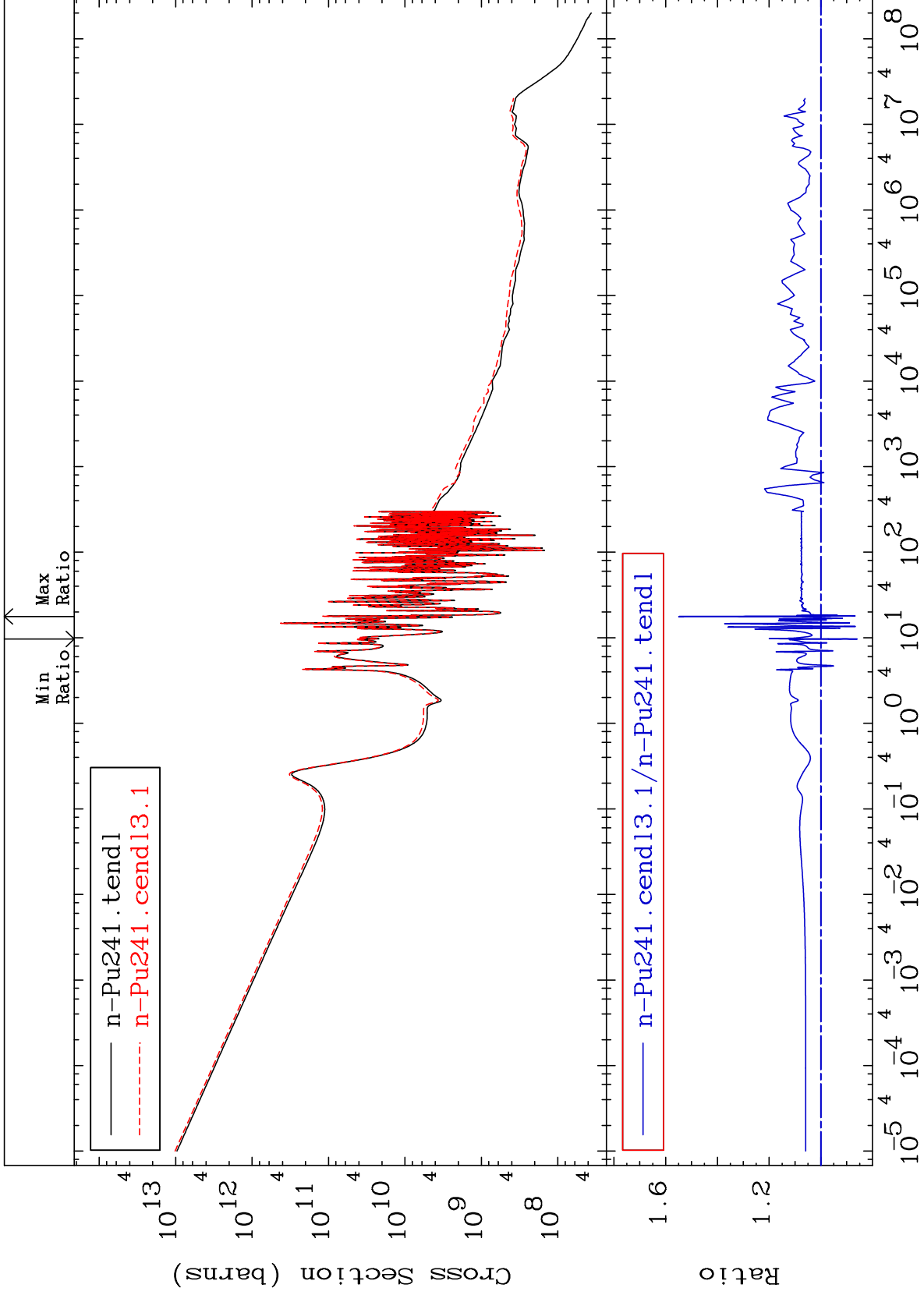
94-Pu-241
-25.86 To 70.57 %



MAT 9443

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

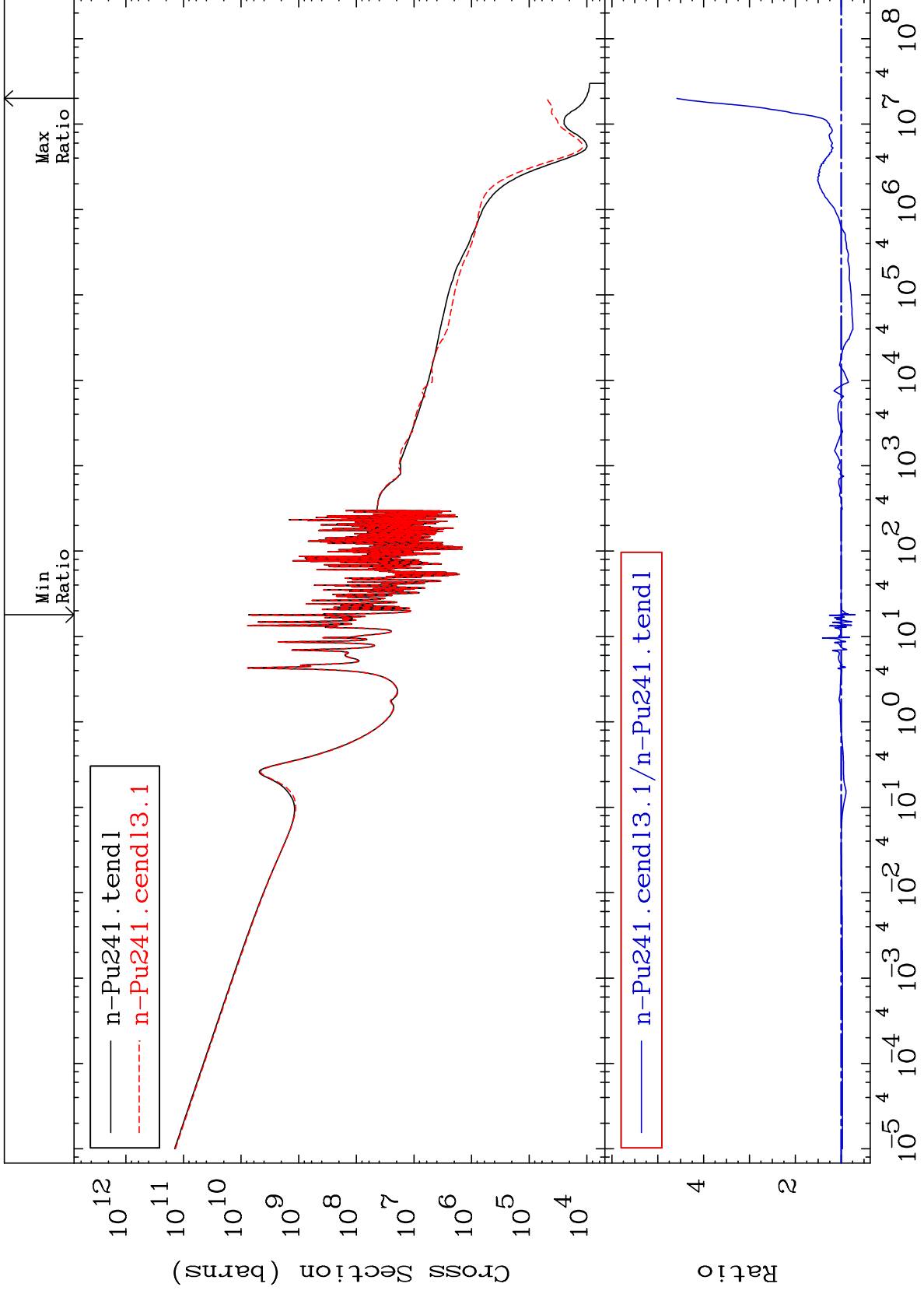
94-Pu-241
-14.07 To 54.98 %



MAT 9443

Kerma capture (mt102)
Cross Section

94-Pu-241
-30.39 To 358.2 %



43

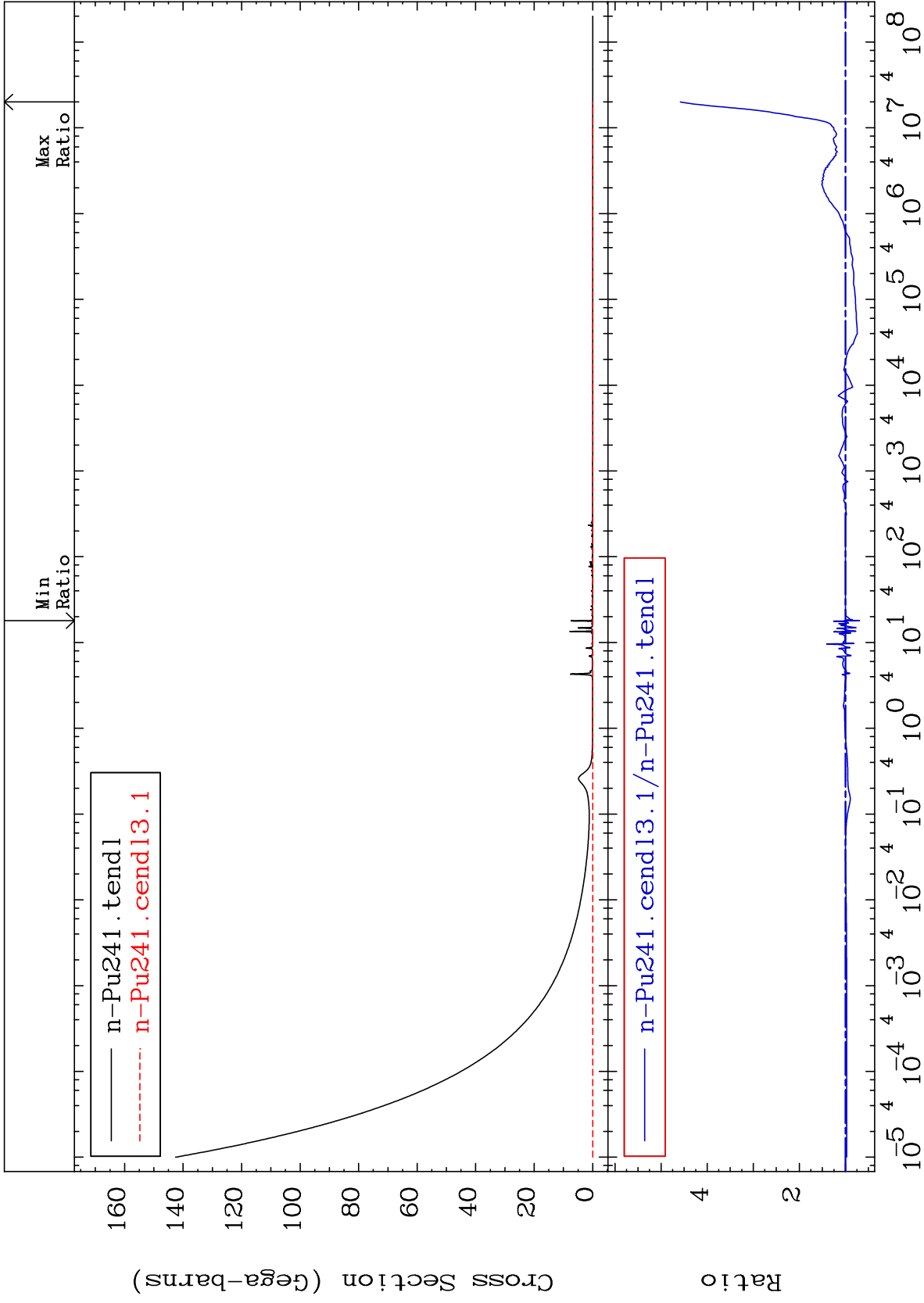
Incident Energy (eV)

94-Pu-241

MAT 9443

Total photon (eV-barns)
Cross Section

94-Pu-241
-30.39 To 358.2 %



44

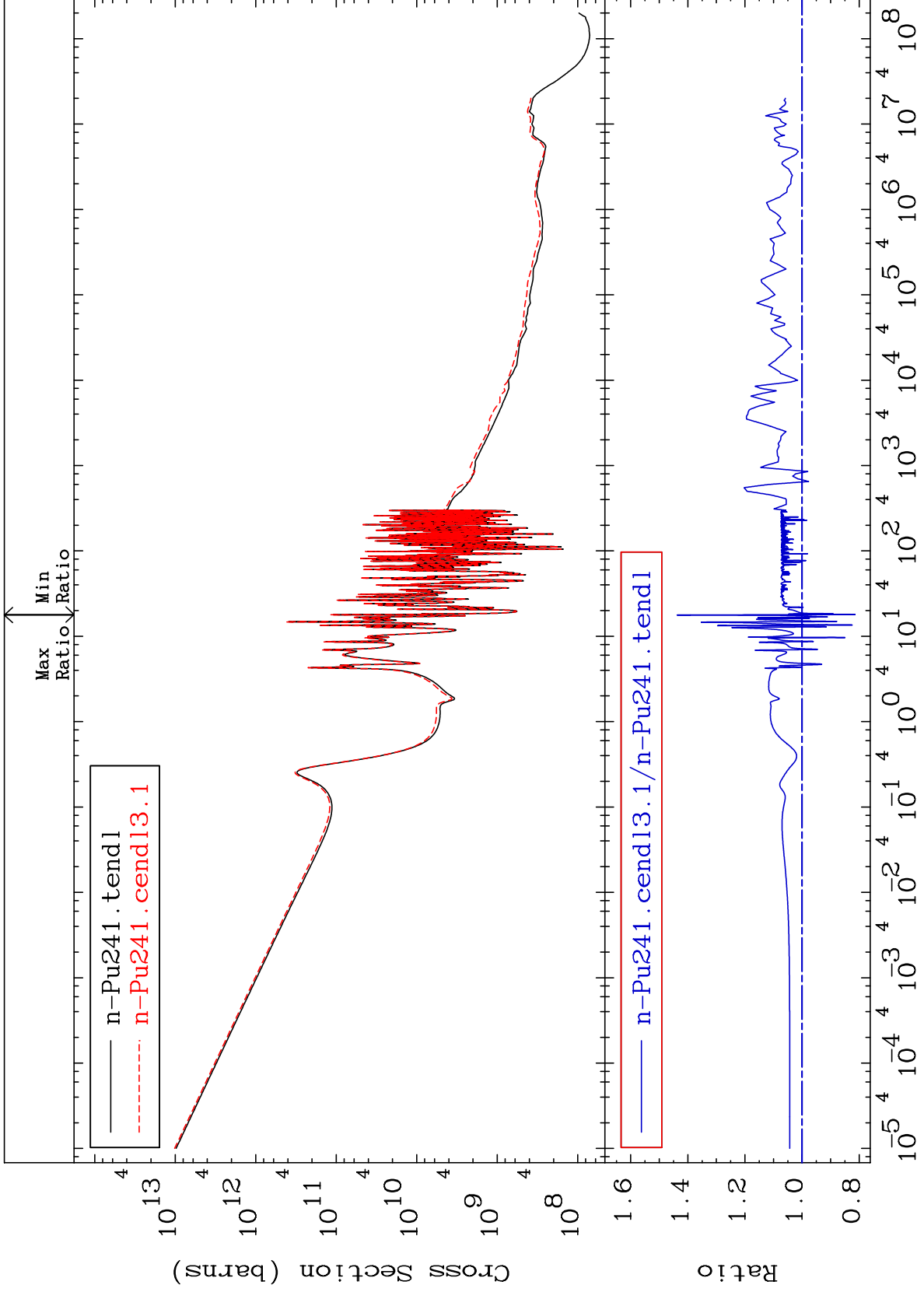
Incident Energy (eV)

94-Pu-241

MAT 9443

Total kinematic kerma (high limit)
Cross Section

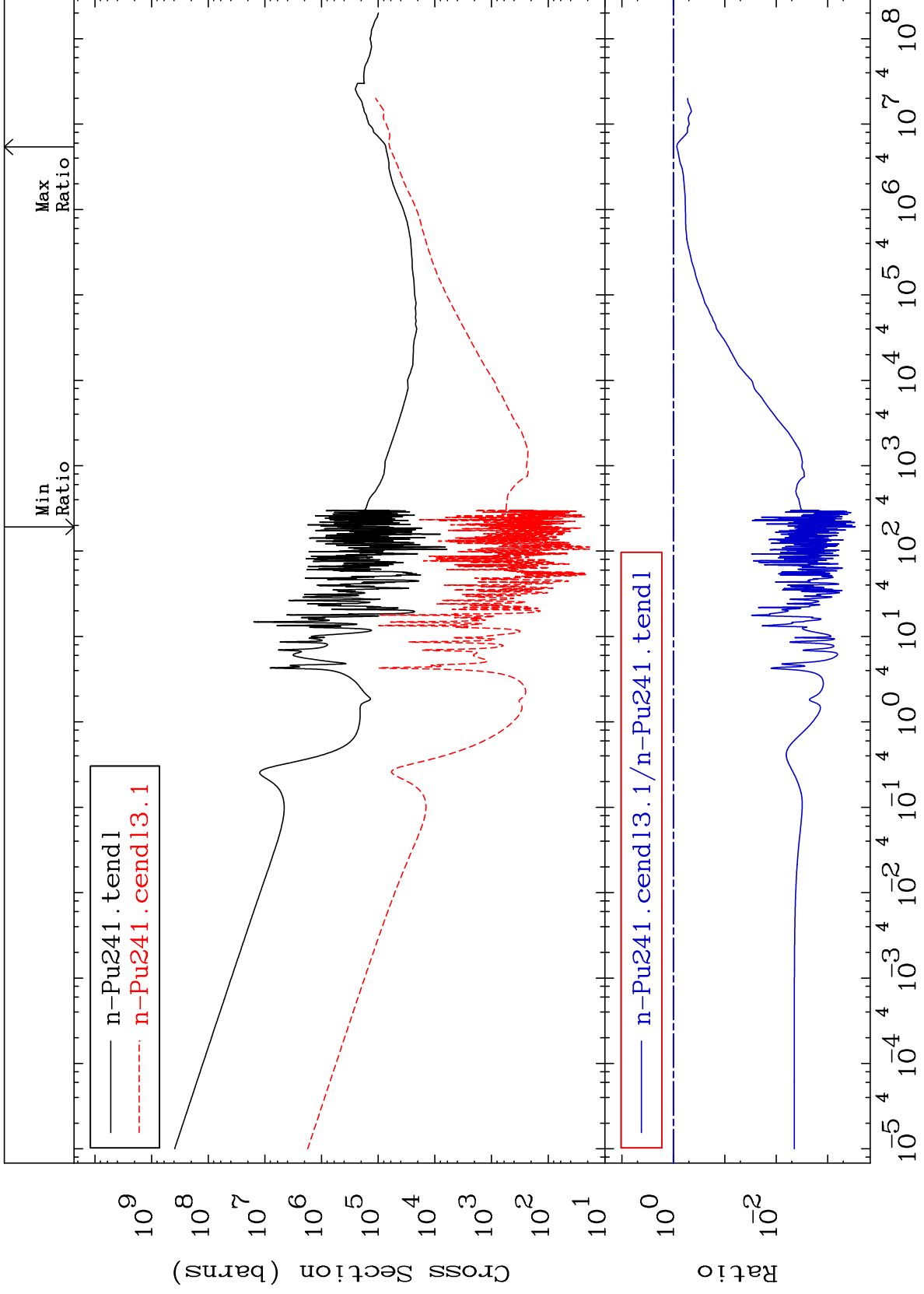
94-Pu-241
-18.57 To 43.82 %



MAT 9443

Dpa total (eV-barns)
Cross Section

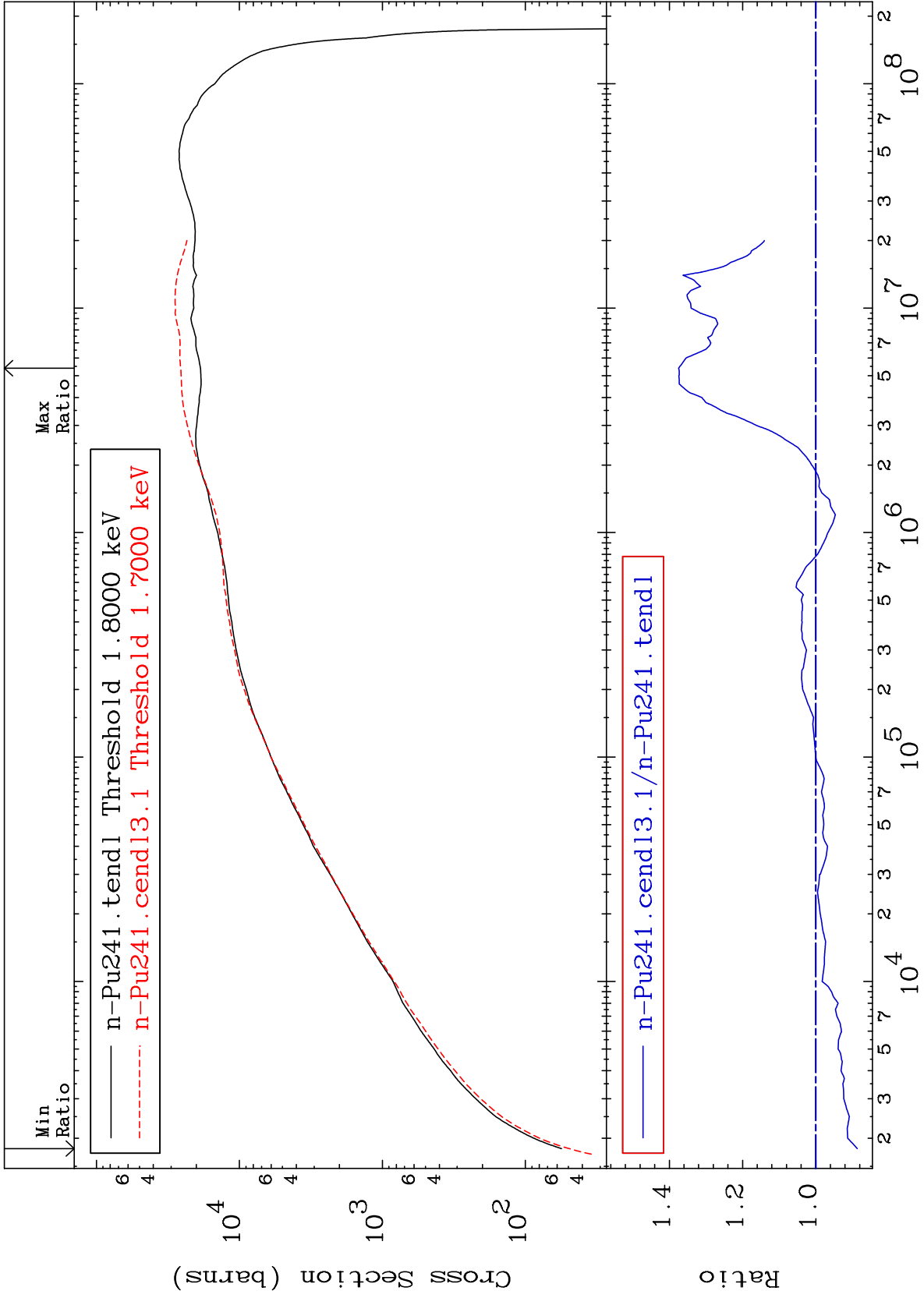
94-Pu-241
-99.97 To -14.48%



MAT 9443

Dpa elastic (mt2)
Cross Section

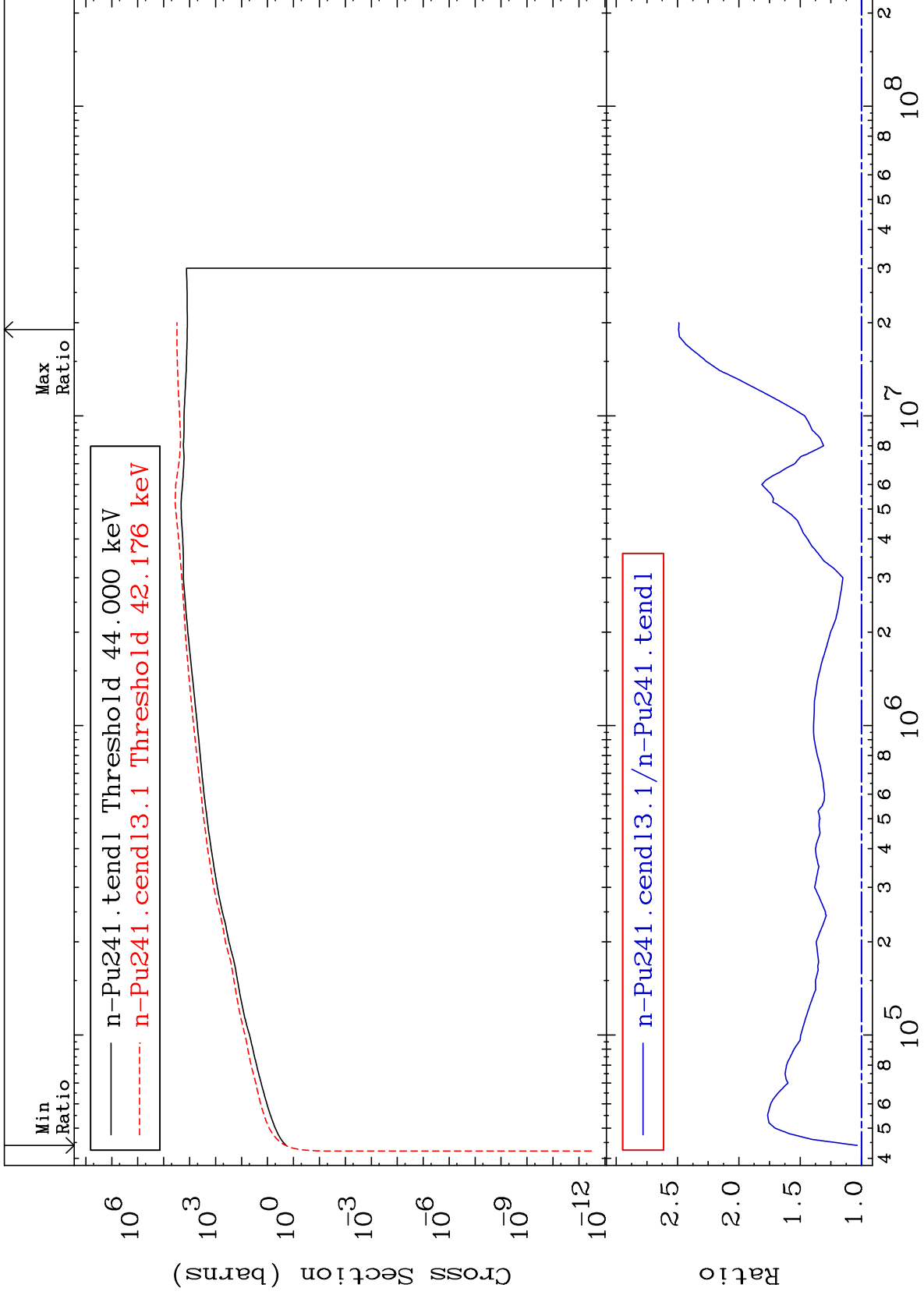
94-Pu-241
-11.33 To 37.47 %



MAT 9443

Dpa inelastic (mt51-91)
Cross Section

94-Pu-241
3.450 To 149.1 %



MAT 9443

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-241
666.1 To 9999. %

