

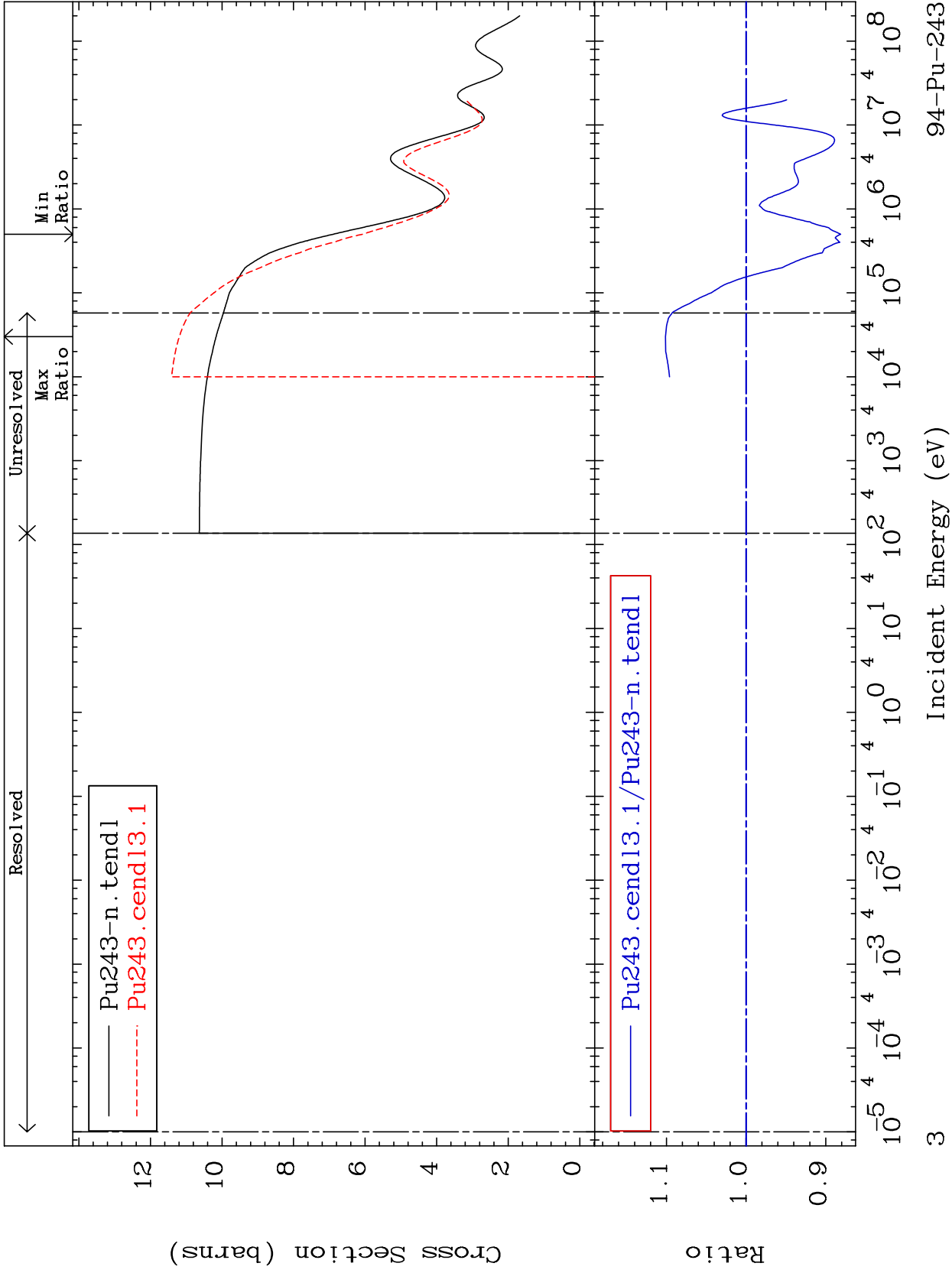
94-Pu-243

Incident Energy (KeV)

MAT 9449

Elastic
Cross Section

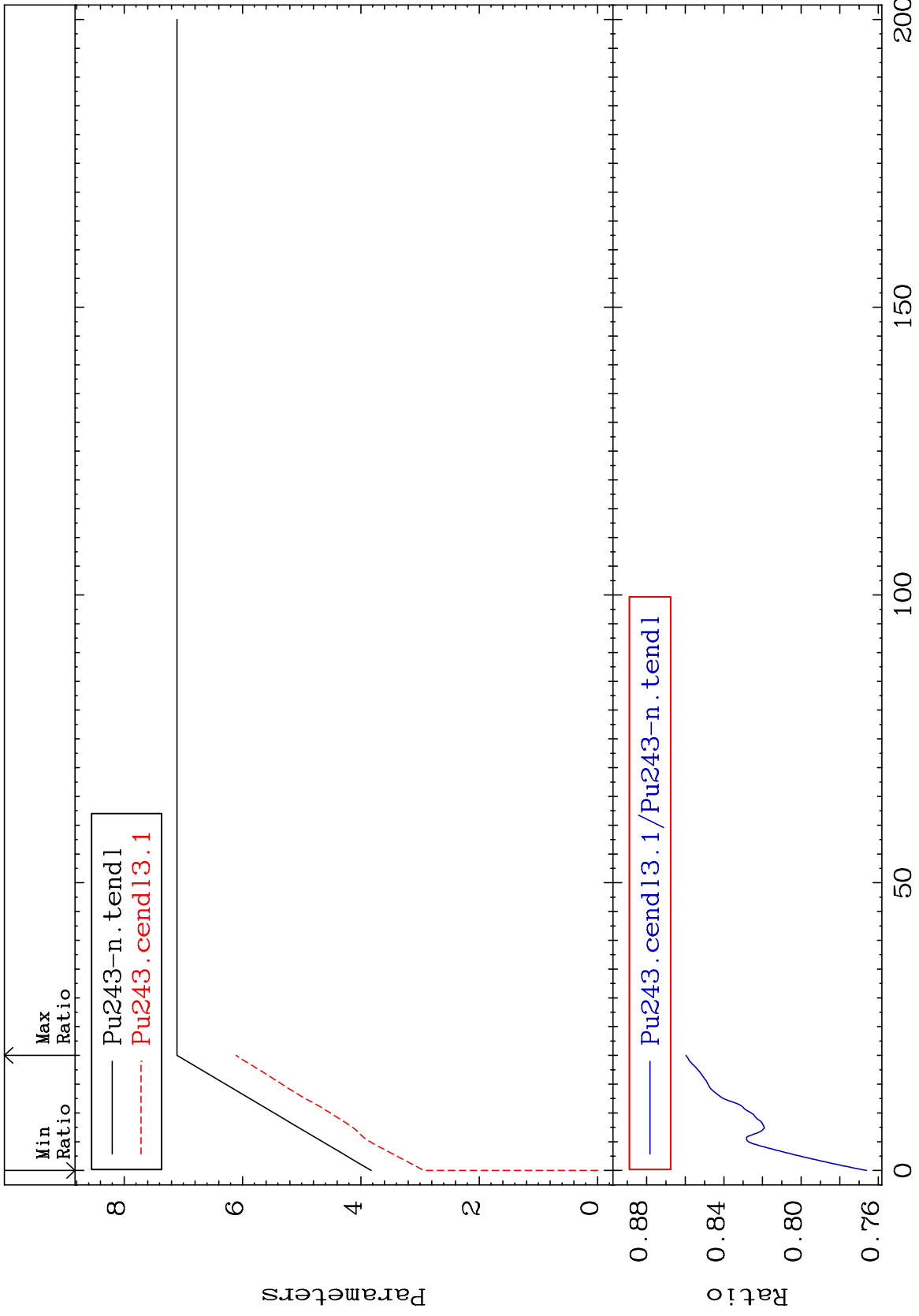
94-Pu-243
-11.88 To 10.12 %



MAT 9449

Total $\bar{\nu}$
Parameters

94-Pu-243
-23.39 To -14.04%



1

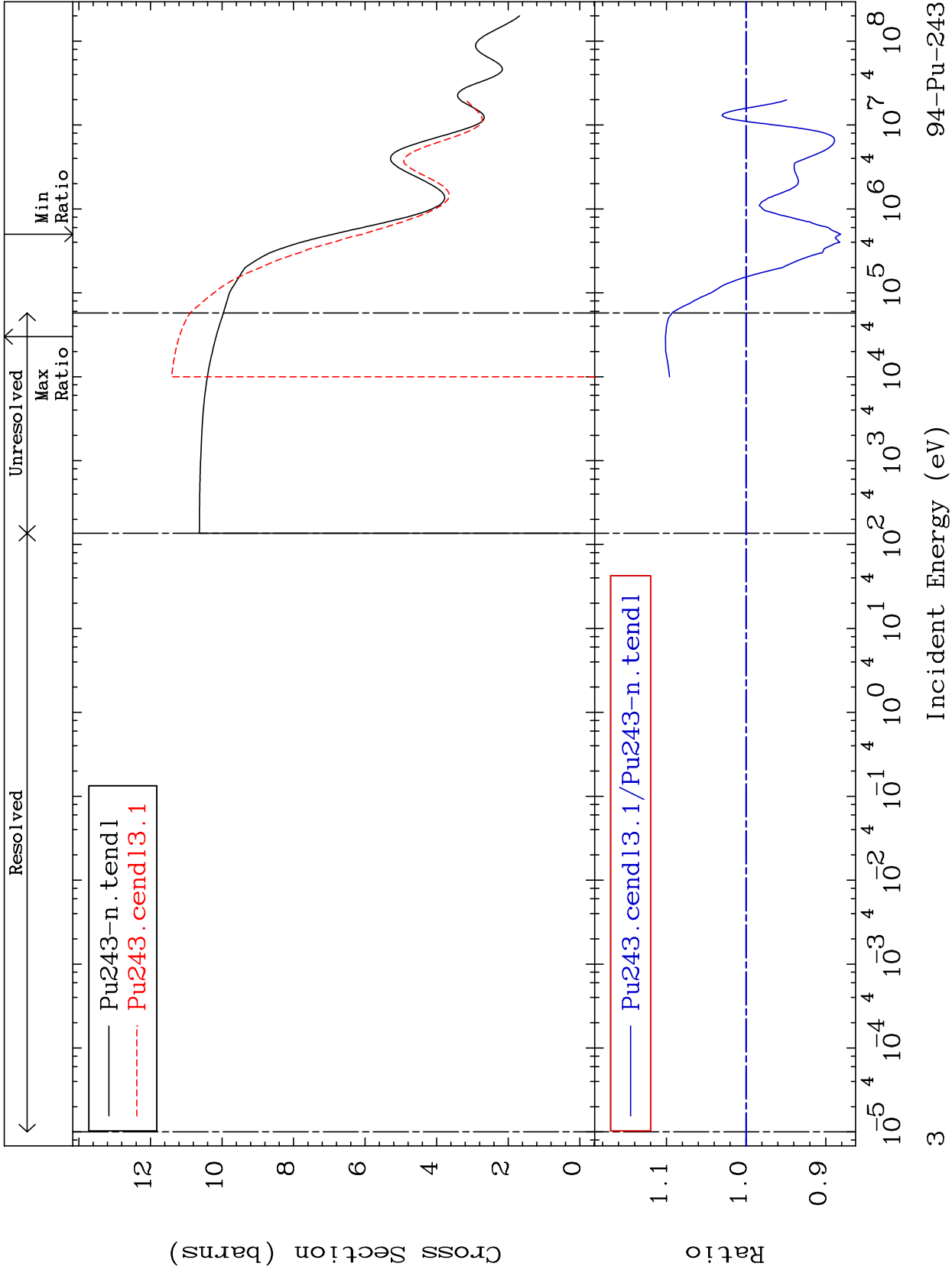
Incident Energy (MeV)

94-Pu-243

MAT 9449

Elastic
Cross Section

94-Pu-243
-11.88 To 10.12 %

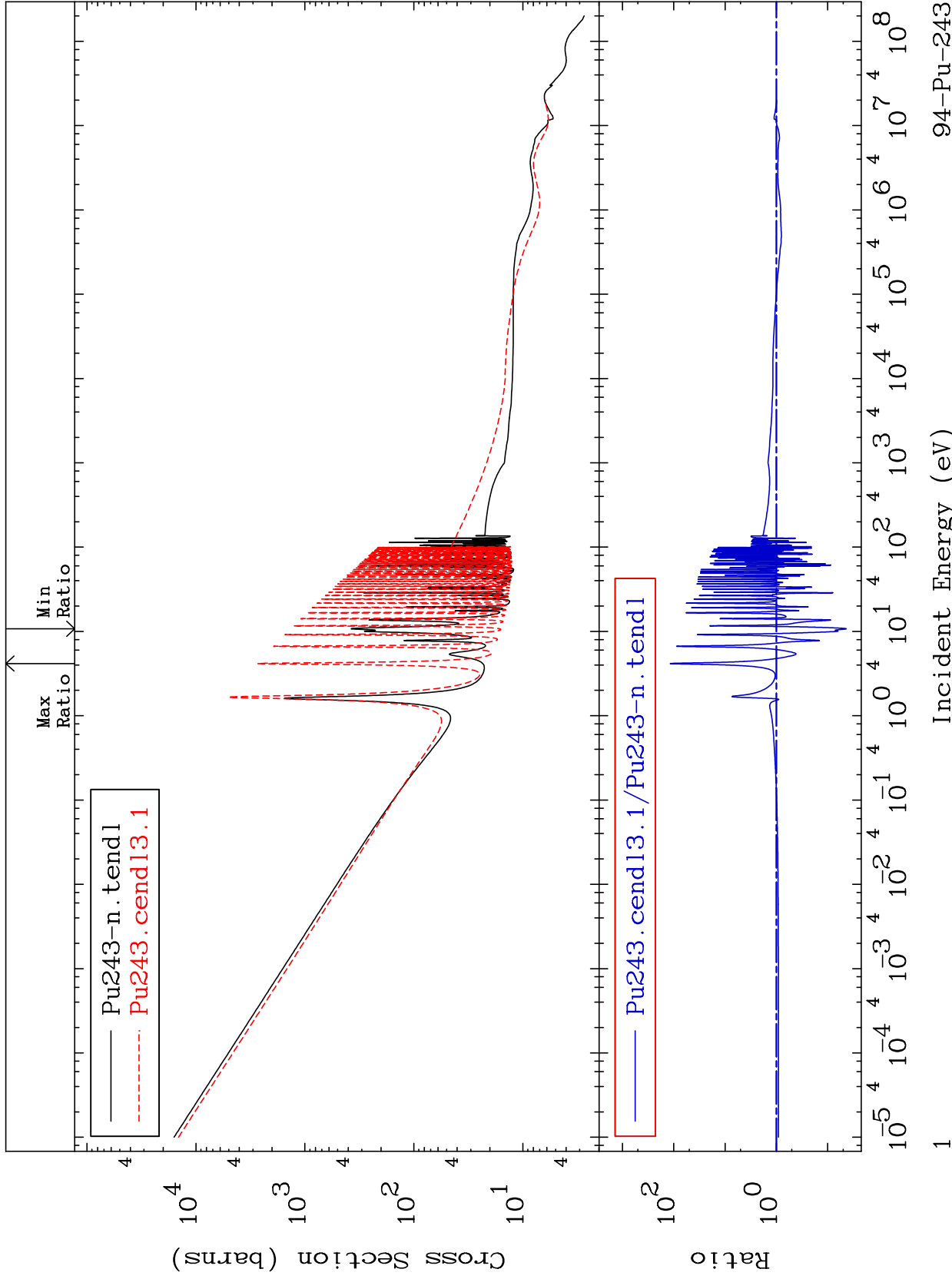


MAT 9449

94-Pu-243

-95.66 To 9999. %

Total
Cross Section



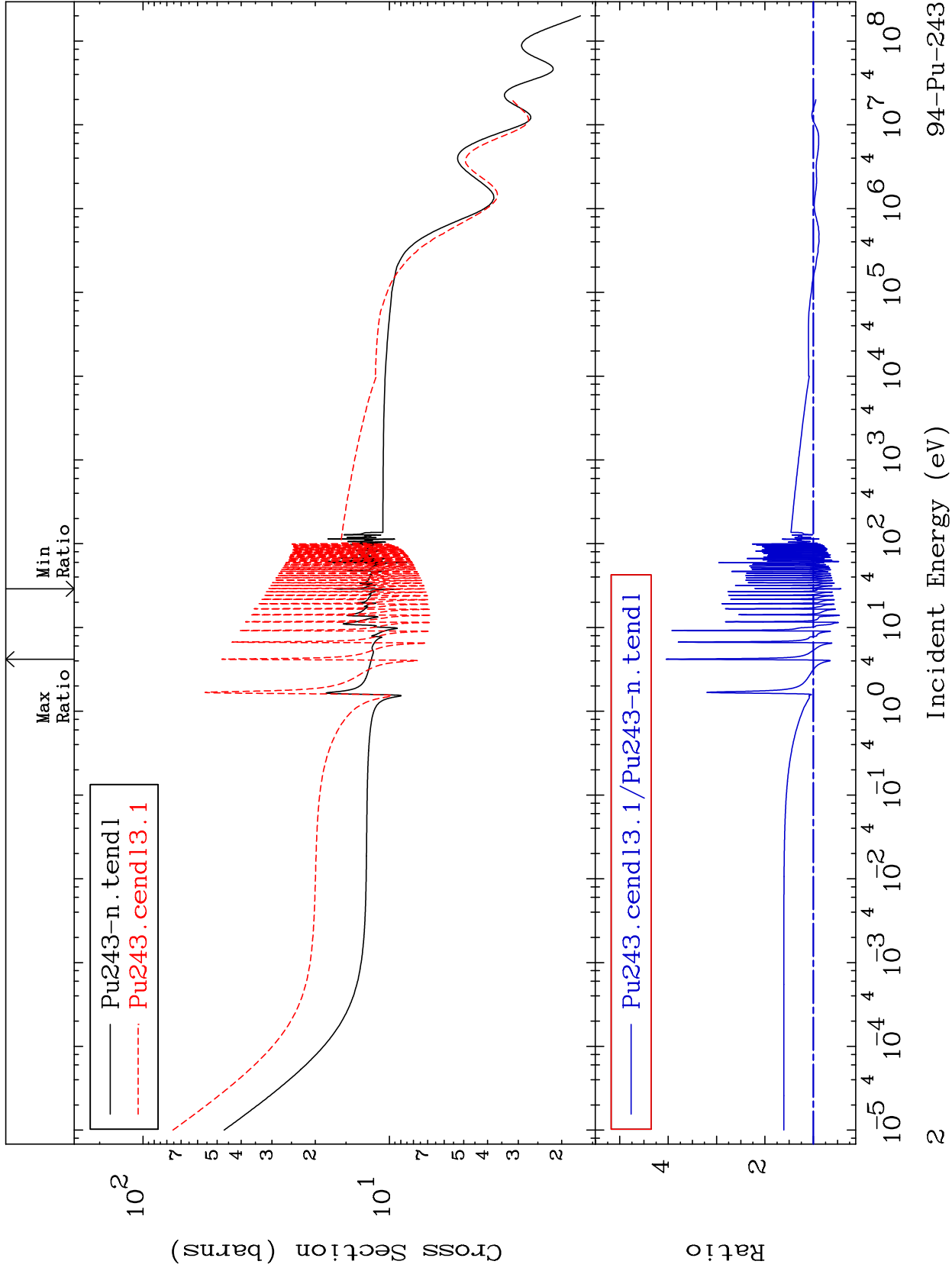
94-Pu-243

MAT 9449

Elastic
Cross Section

94-Pu-243

-56.77 To 304.6 %

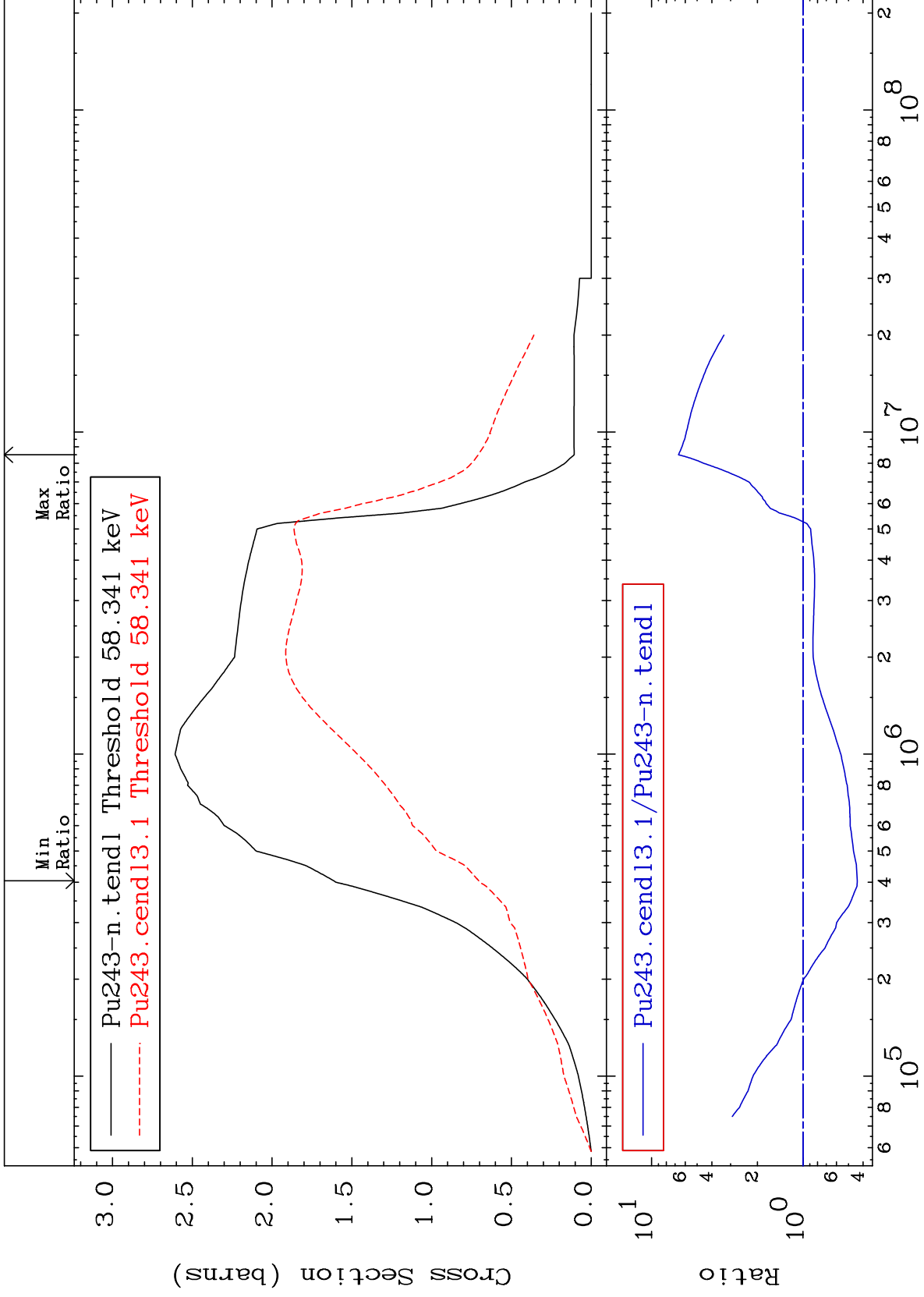


94-Pu-243

MAT 9449

Inelastic
Cross Section

94-Pu-243
-56.29 To 562.5 %



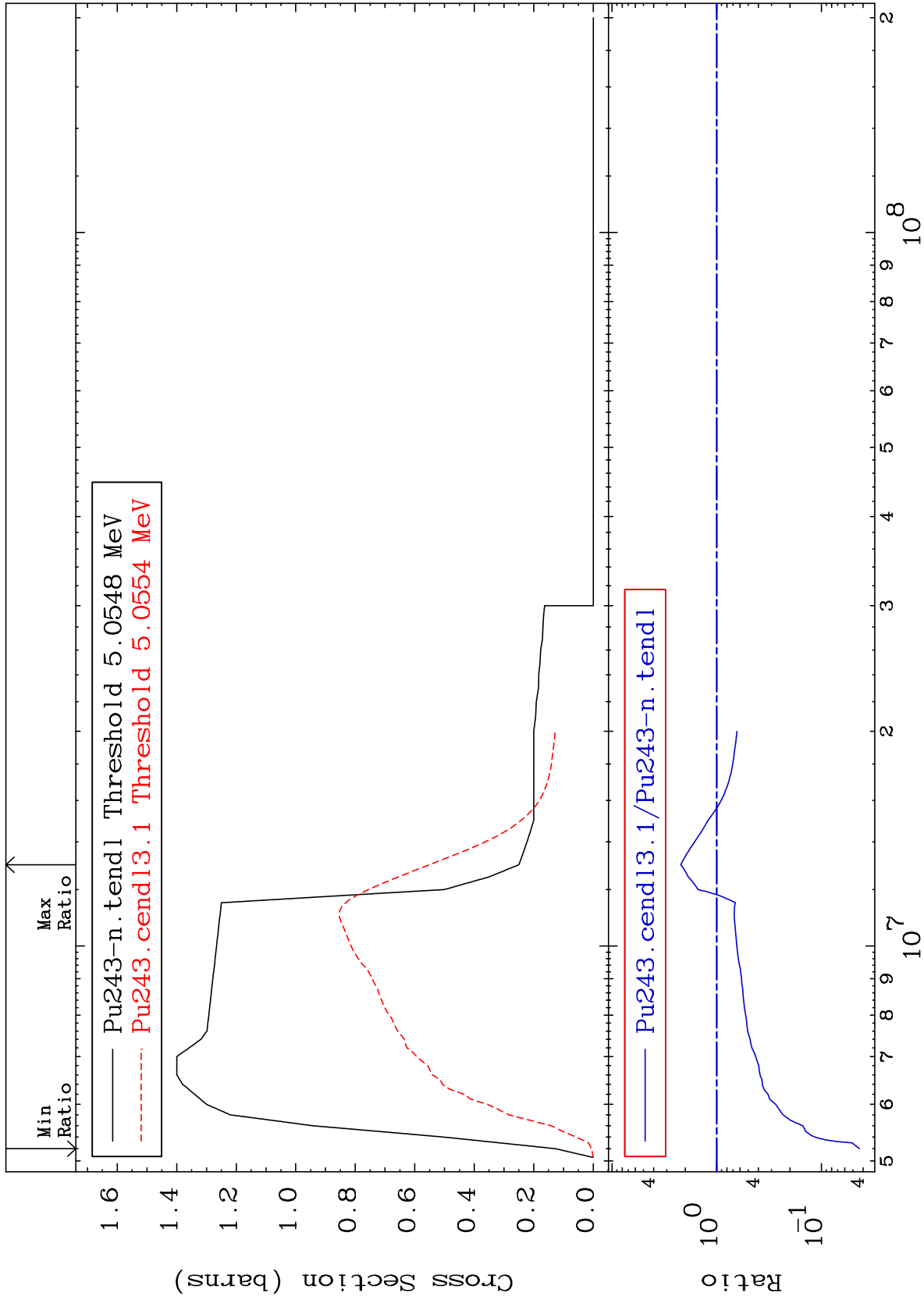
MAT 9449

(n,2n)

94-Pu-243

Cross Section

-95.67 To 120.5 %



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Incident Energy (eV)

94-Pu-243

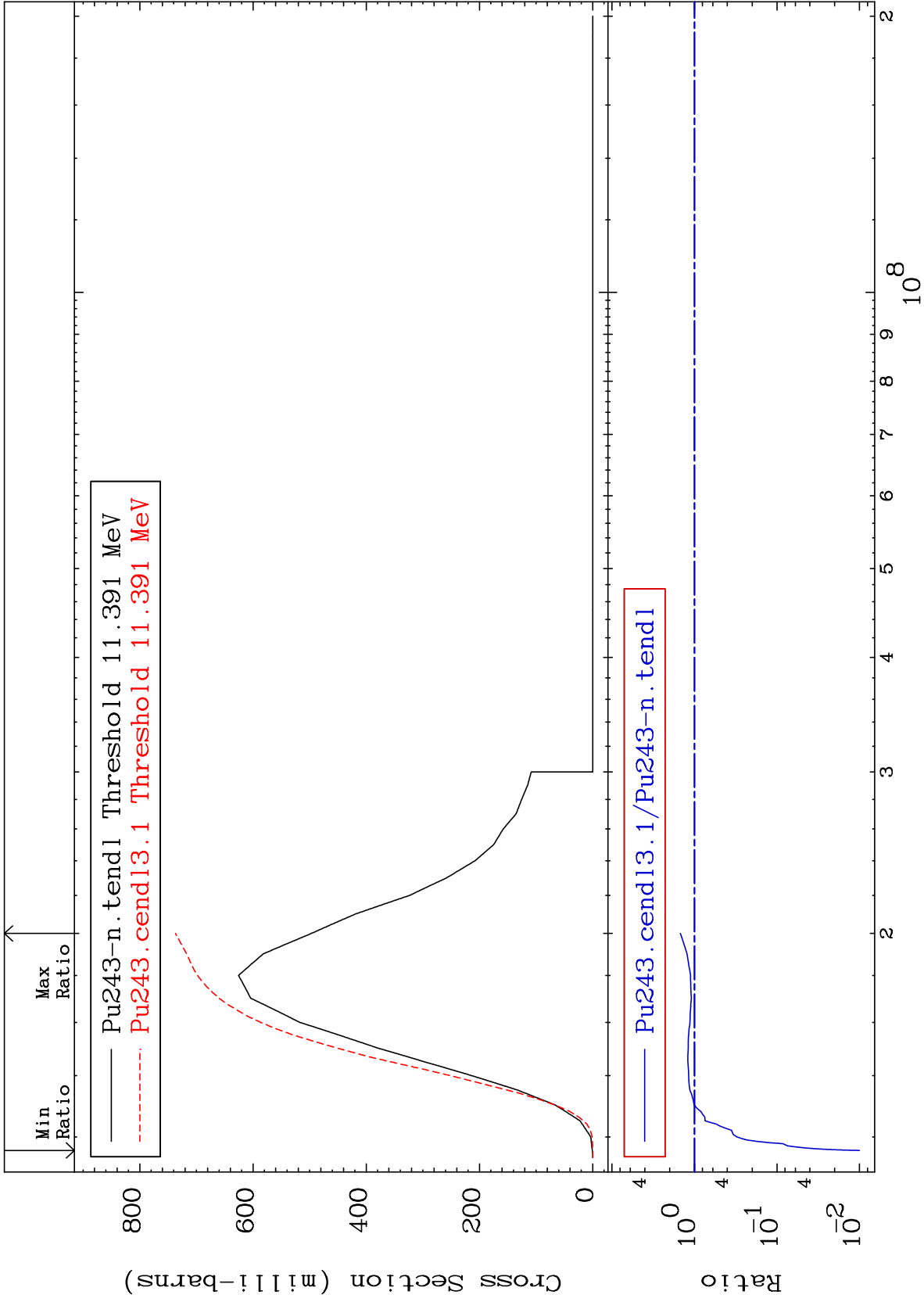
MAT 9449

(n,3n)

94-Pu-243

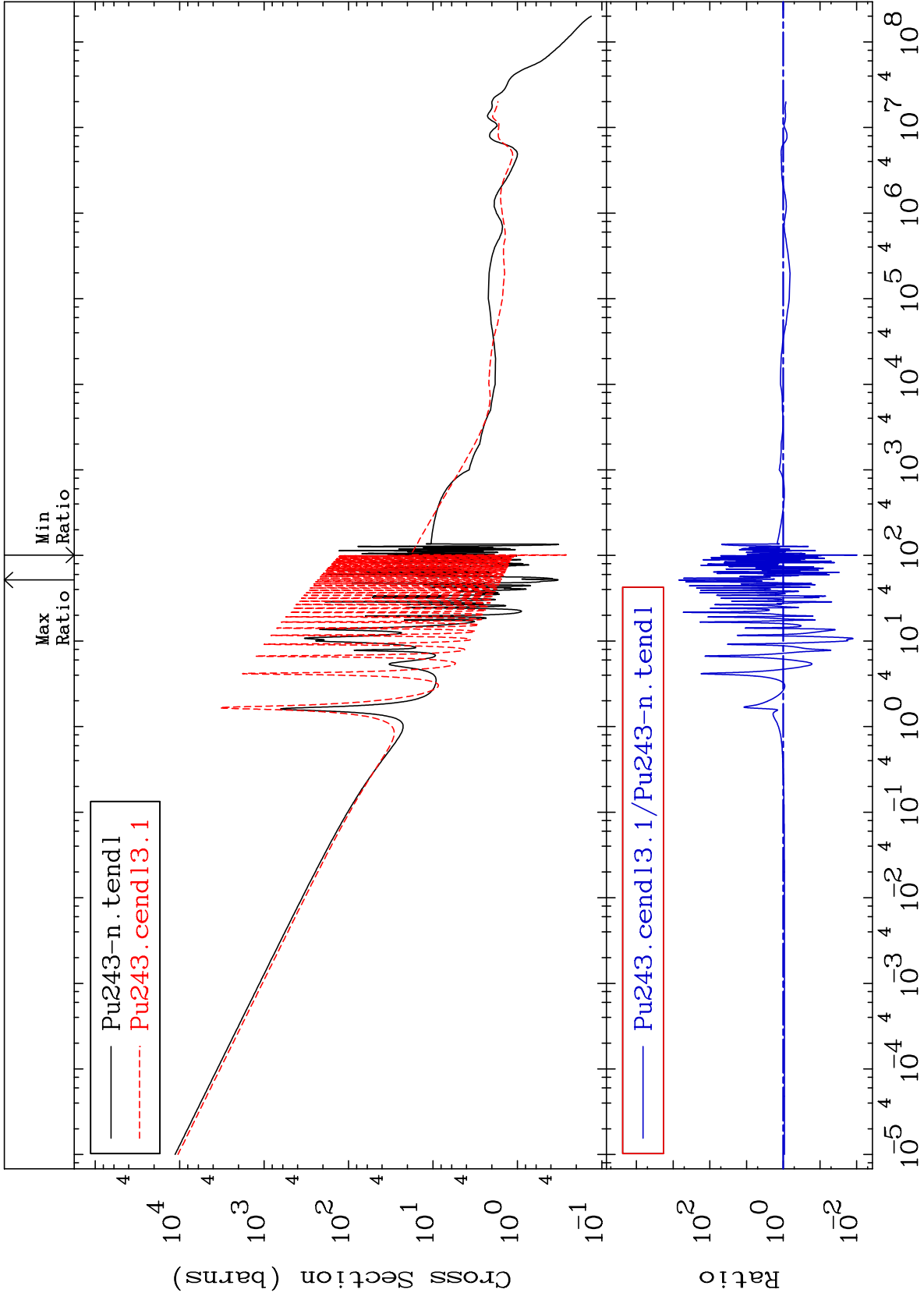
Cross Section

-99.00 To 48.29 %



MAT 9449

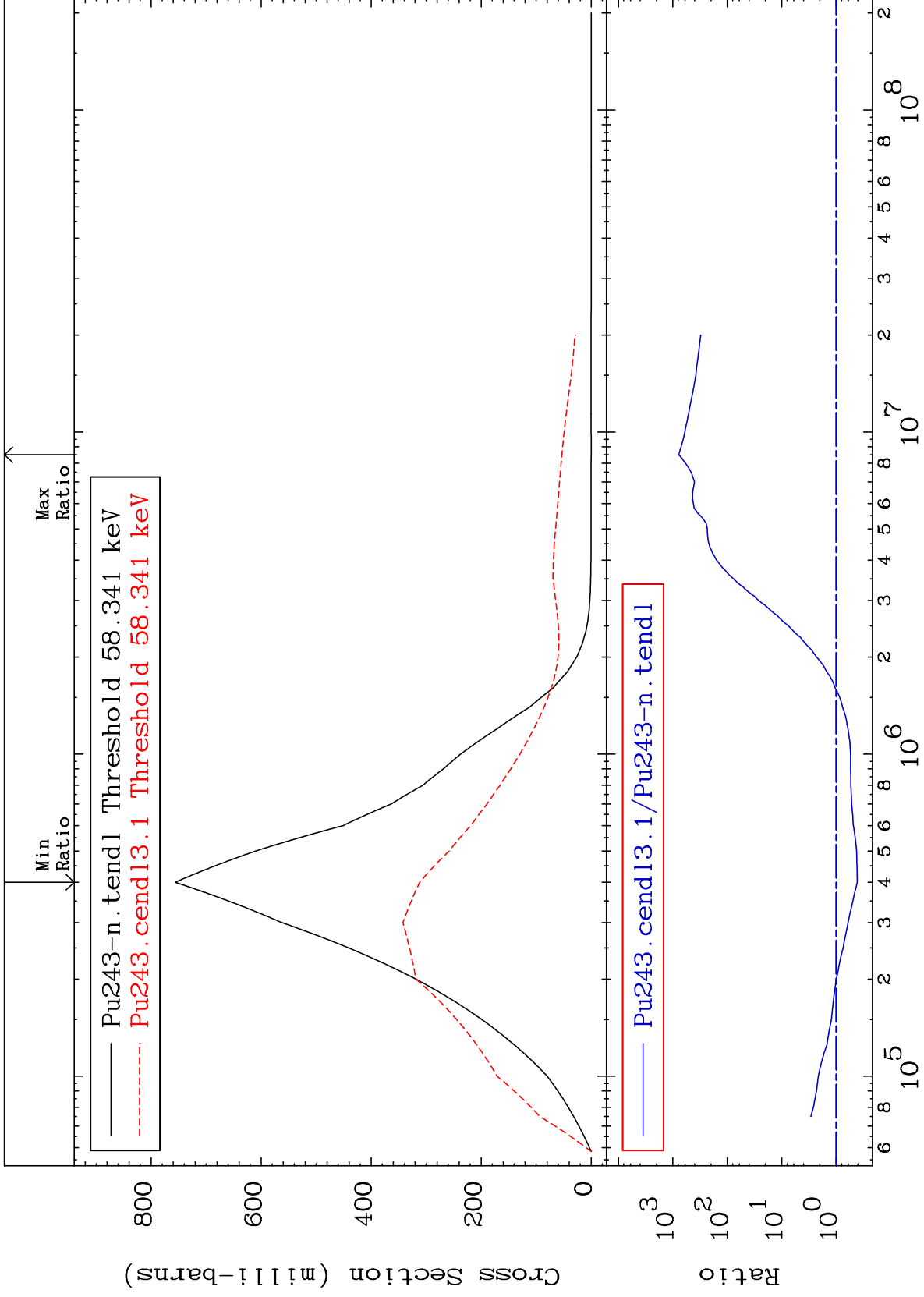
Fission Cross Section 94-Pu-243
-99.04 To 9999. %



MAT 9449

58.10 keV (n,n') Level
Cross Section

94-Pu-243
-58.79 To 9999. %



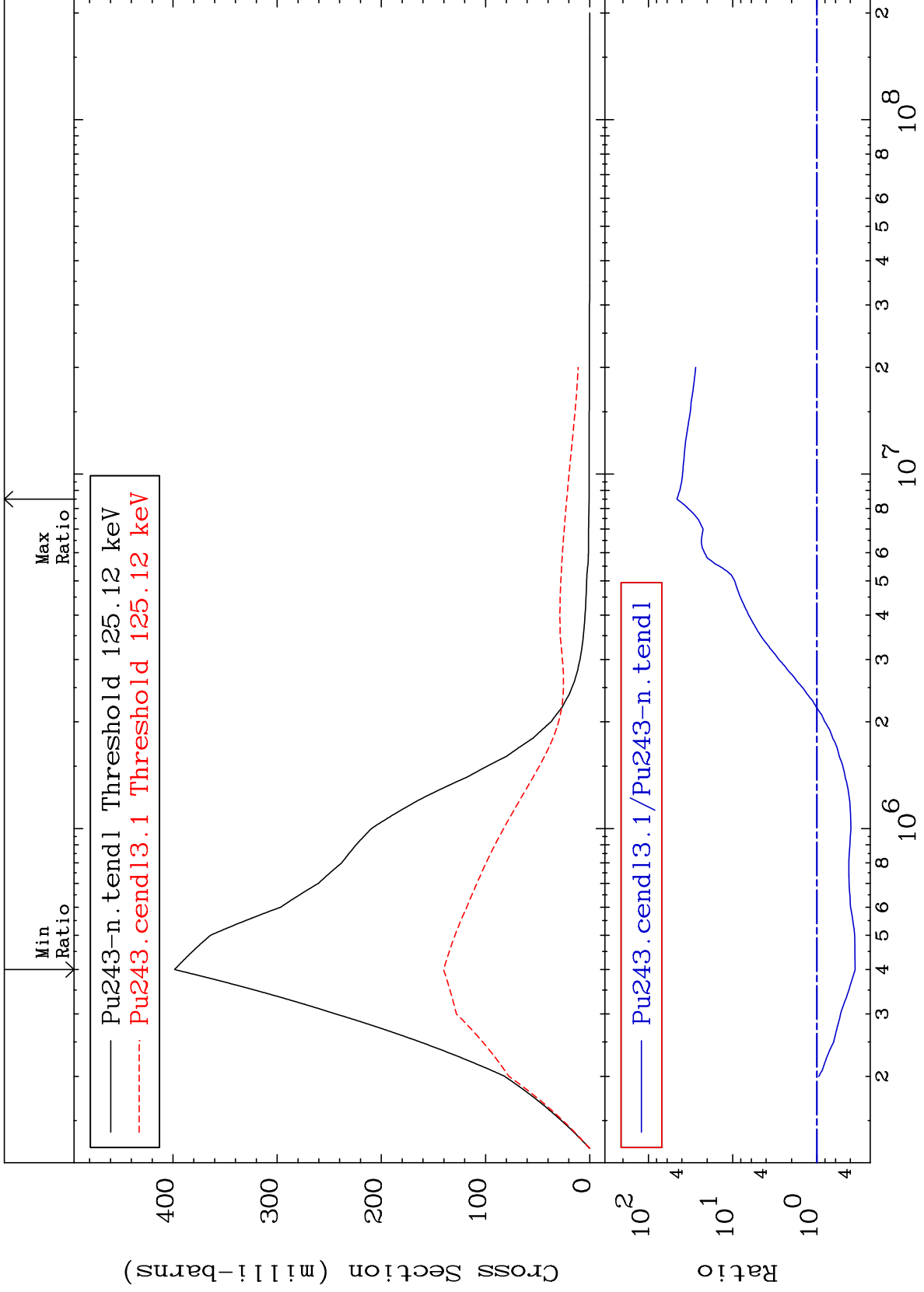
7

94-Pu-243

MAT 9449

124.6 keV (n,n') Level
Cross Section

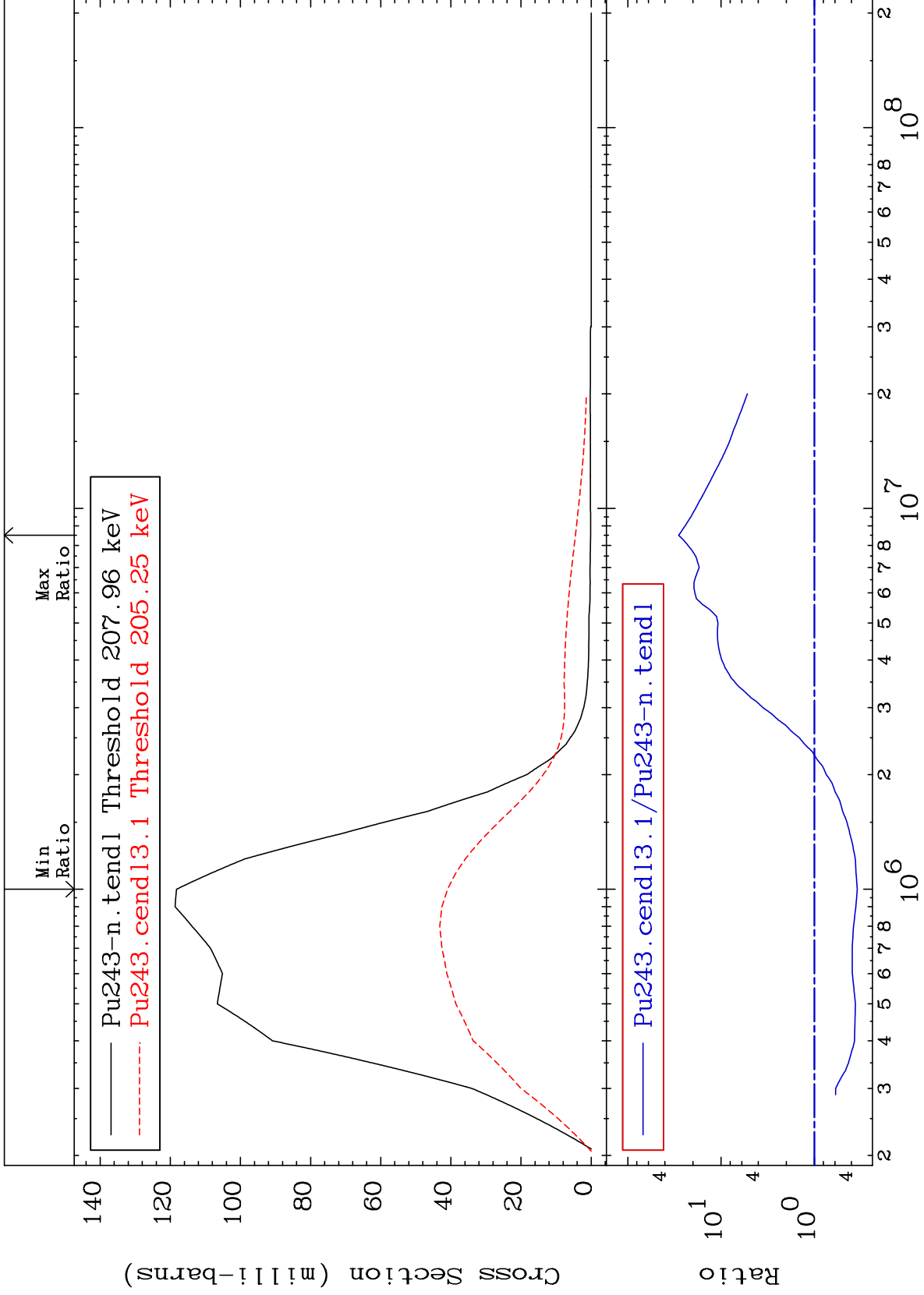
94-Pu-243
-64.81 To 4481. %



MAT 9449

207.1 keV (n,n') Level
Cross Section

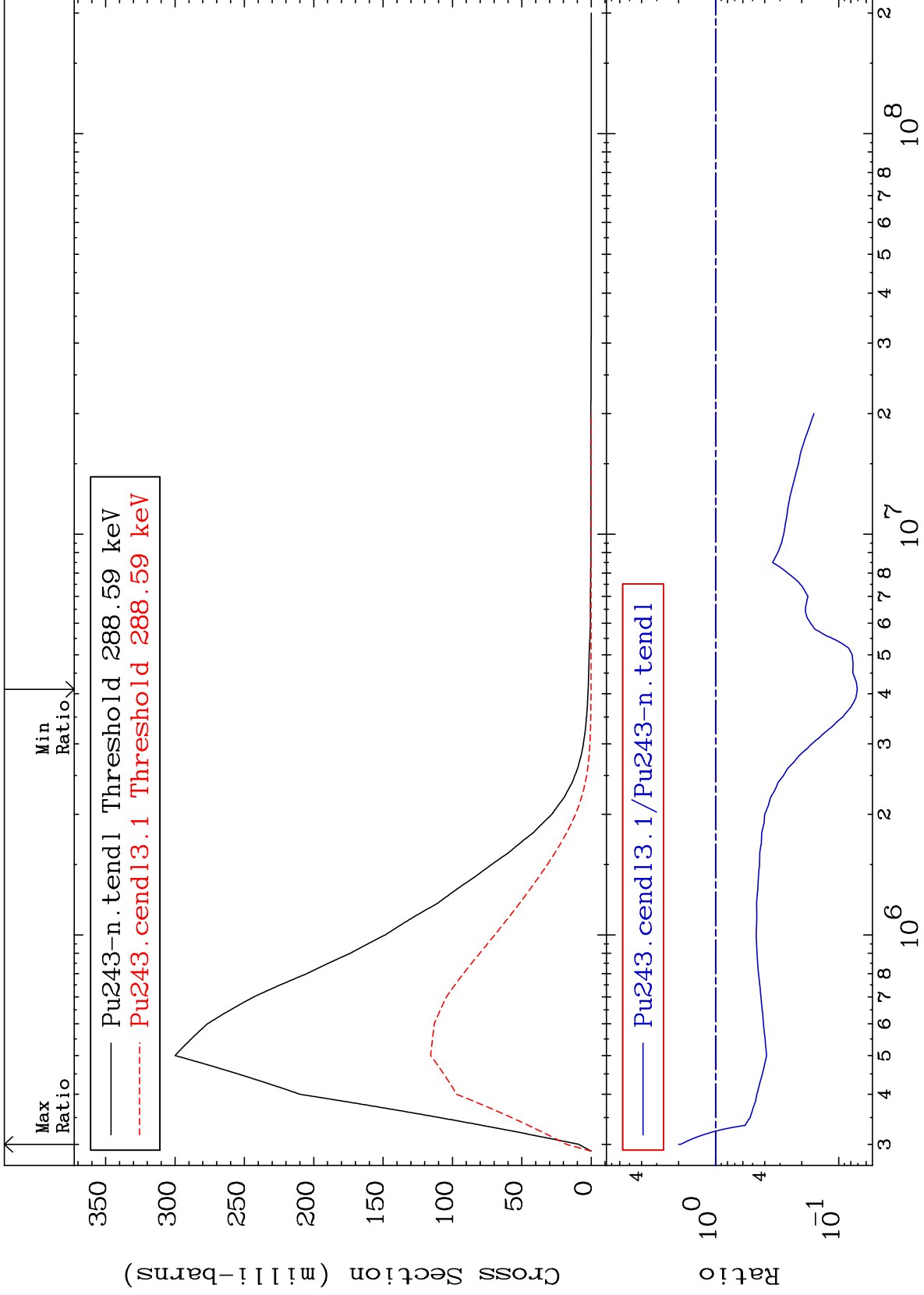
94-Pu-243
-65.38 To 2752. %



MAT 9449

287.4 keV (n,n') Level
Cross Section

94-Pu-243
-92.92 To 99.66 %



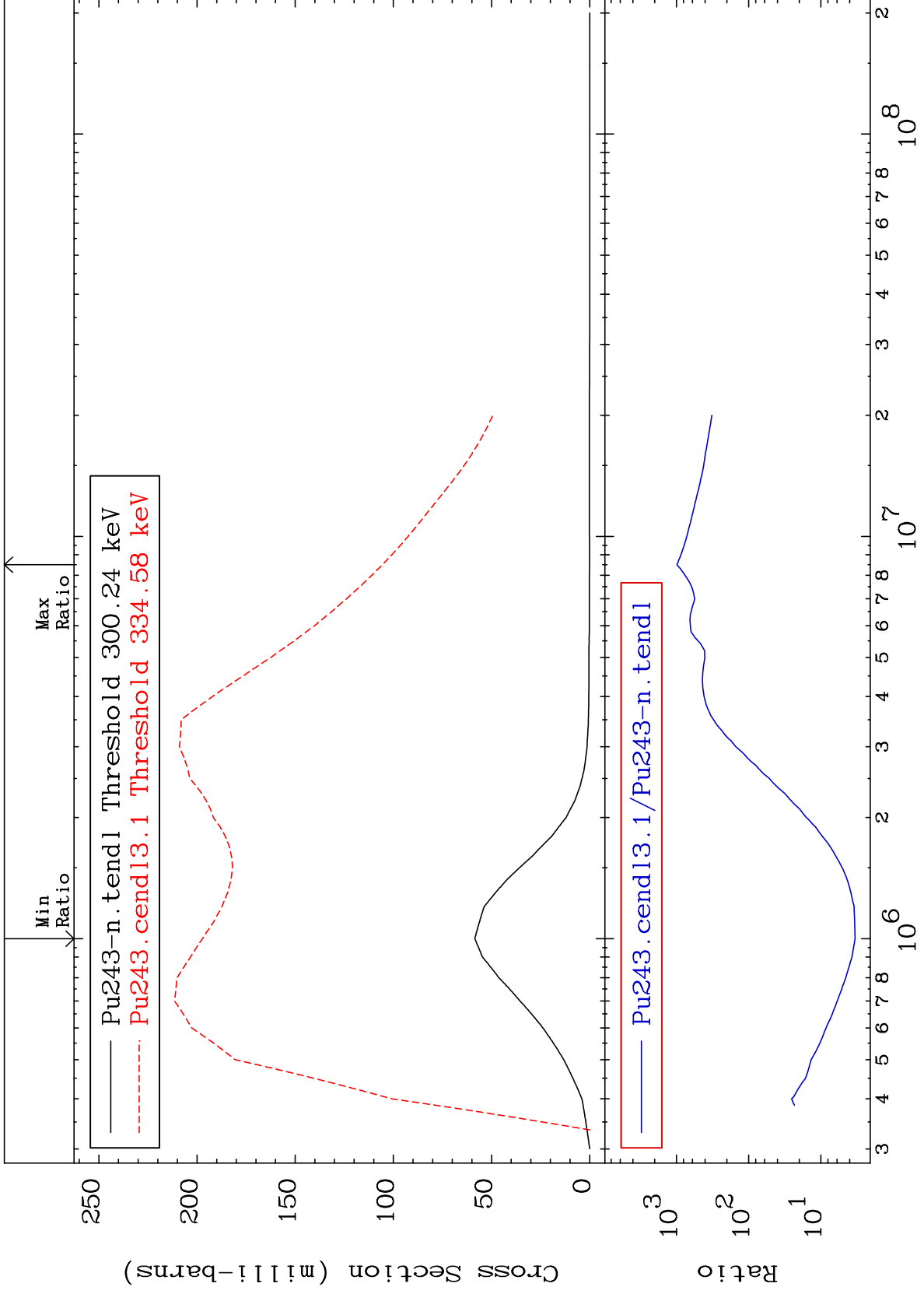
10

94-Pu-243

MAT 9449

299.0 keV (n,n') Level
Cross Section

94-Pu-243
237.0 To 9999. %



11

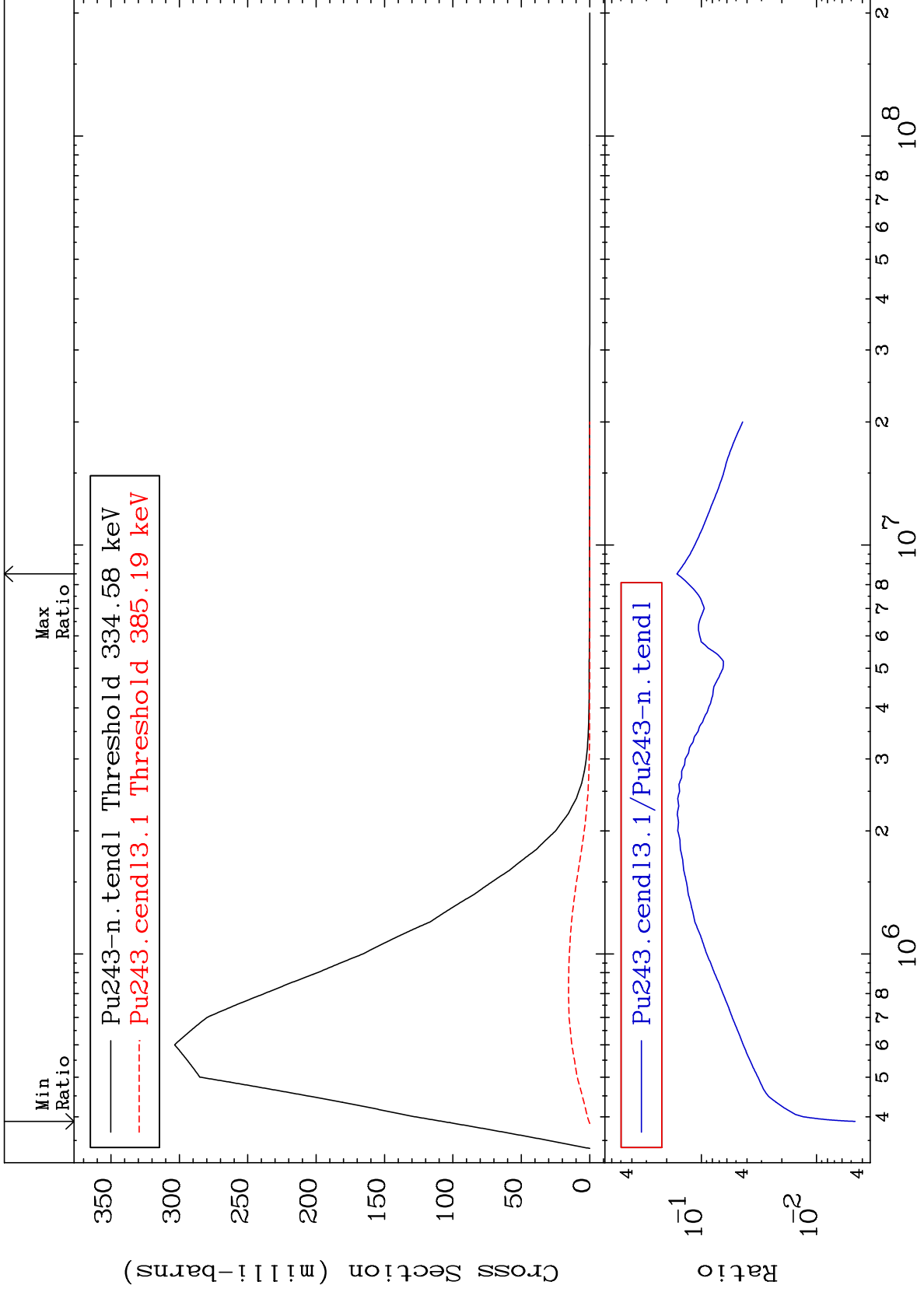
Incident Energy (eV)

94-Pu-243

MAT 9449

333.2 keV (n,n') Level
Cross Section

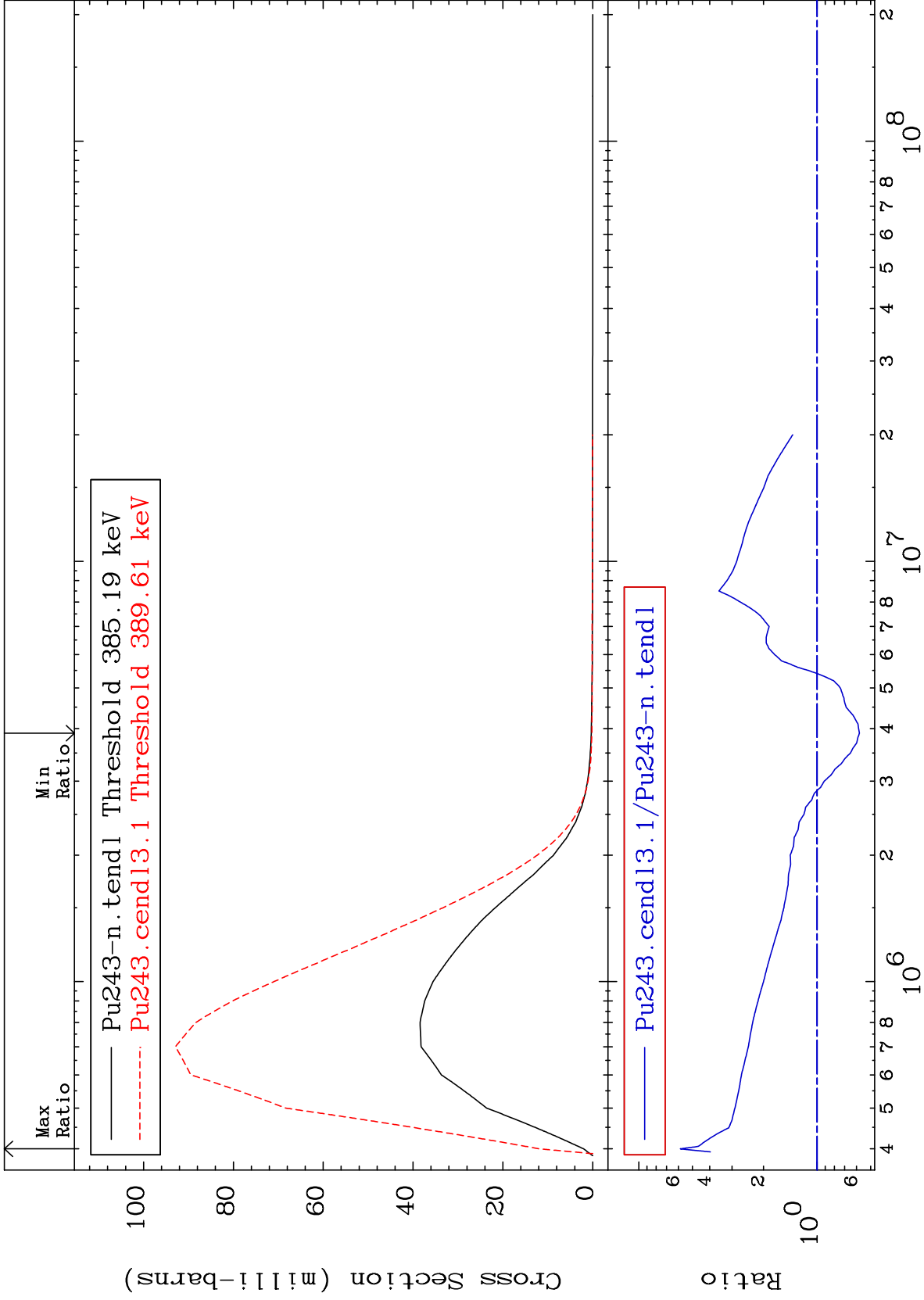
94-Pu-243
-99.54 To -83.73%



MAT 9449

383.6 keV (n,n') Level
Cross Section

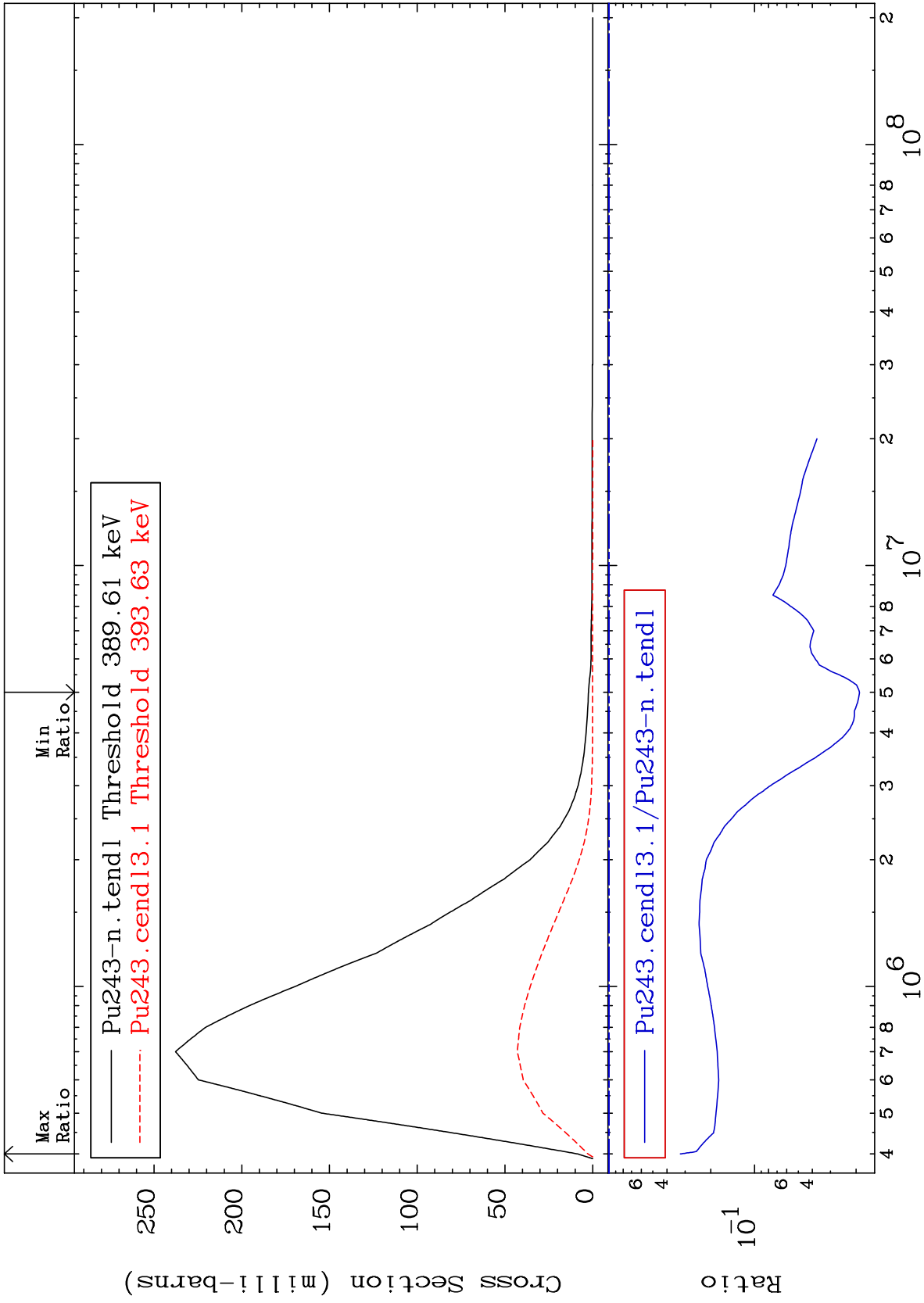
94-Pu-243
-42.15 To 484.9 %



MAT 9449

388.0 keV (n,n') Level
Cross Section

94-Pu-243
-98.10 To -67.67%



14

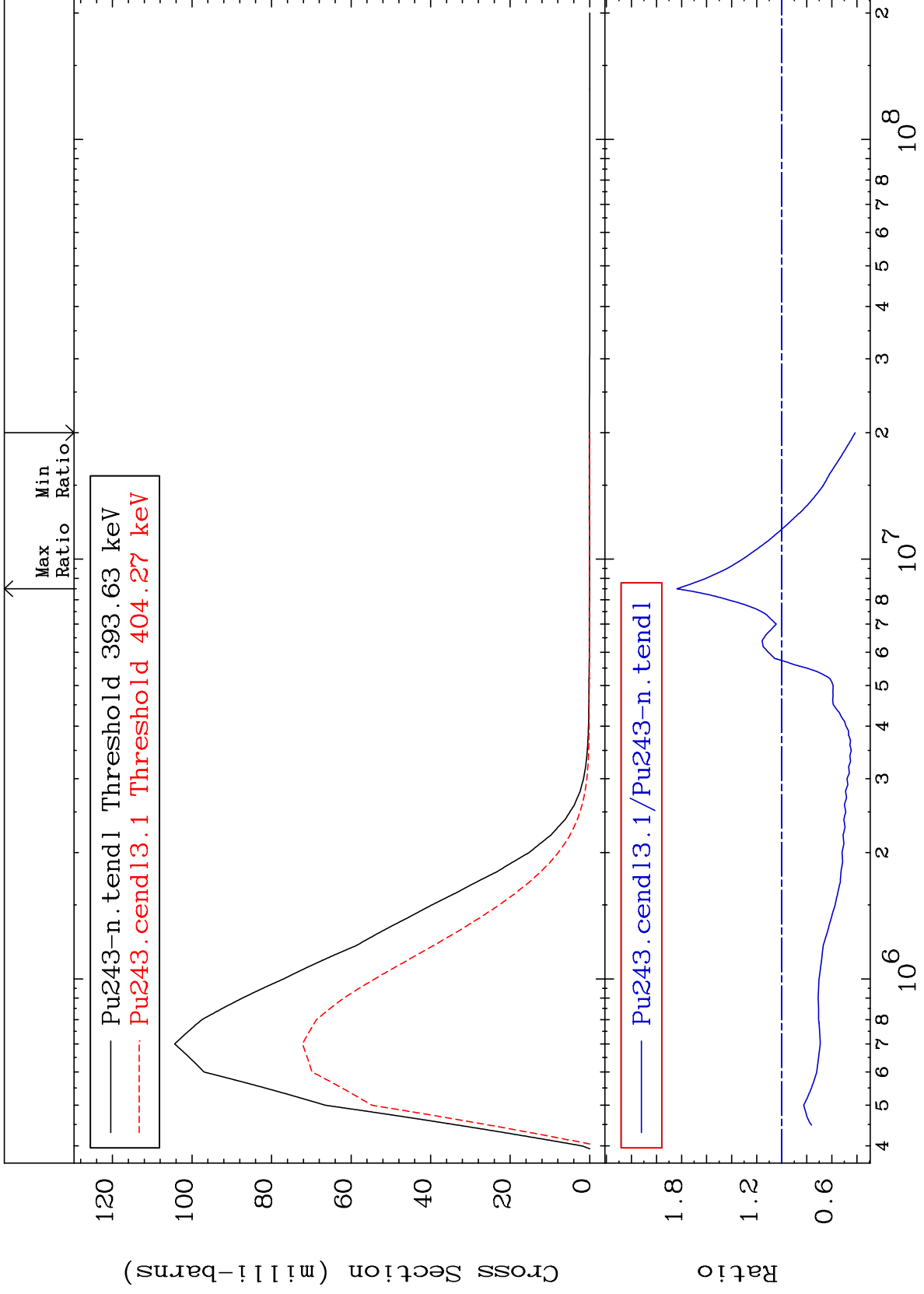
Incident Energy (eV)

94-Pu-243

MAT 9449

392.0 keV (n,n') Level
Cross Section

94-Pu-243
-58.59 To 83.70 %



15

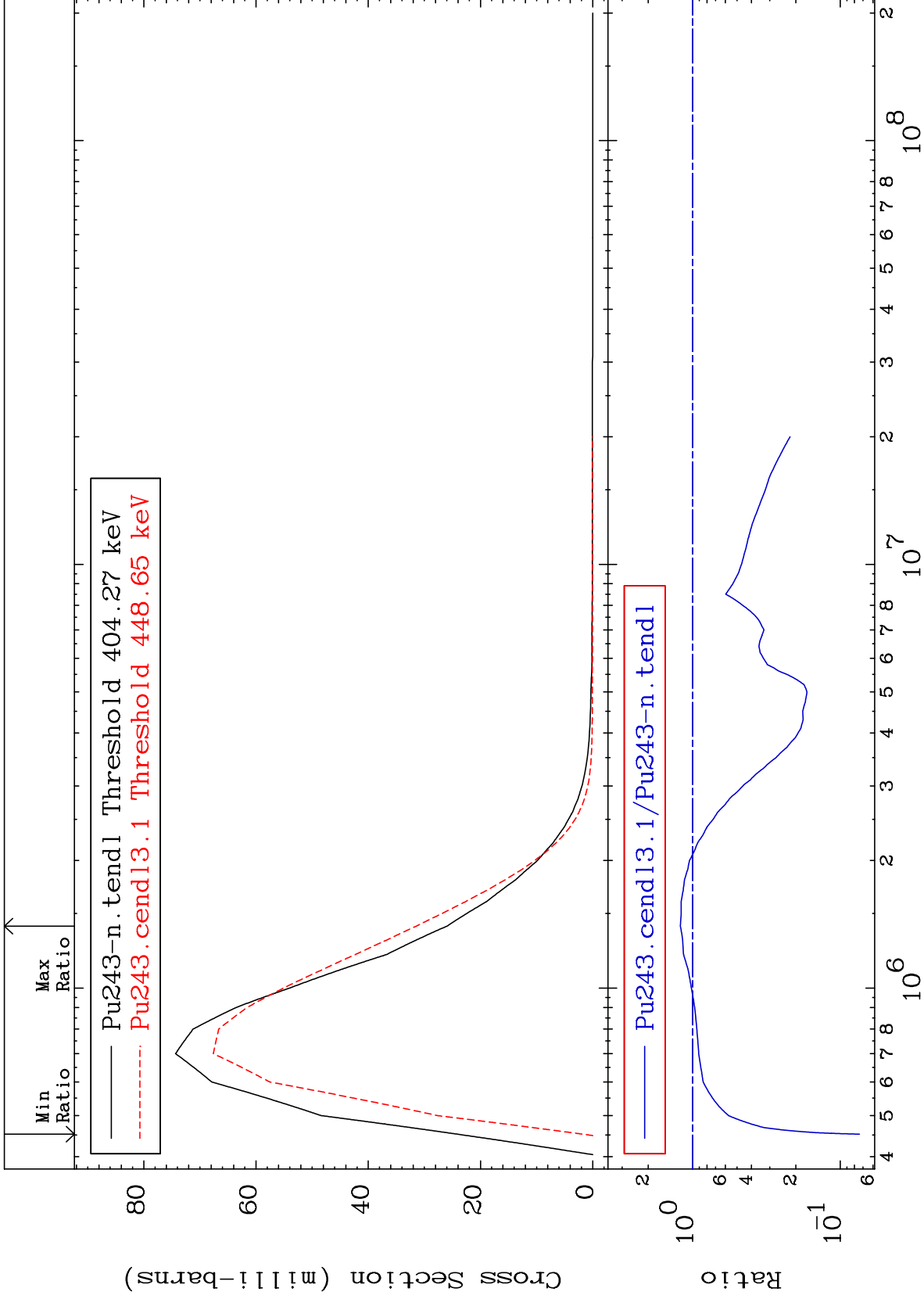
Incident Energy (eV)

94-Pu-243

MAT 9449

402.6 keV (n,n') Level
Cross Section

94-Pu-243
-92.59 To 21.06 %



16

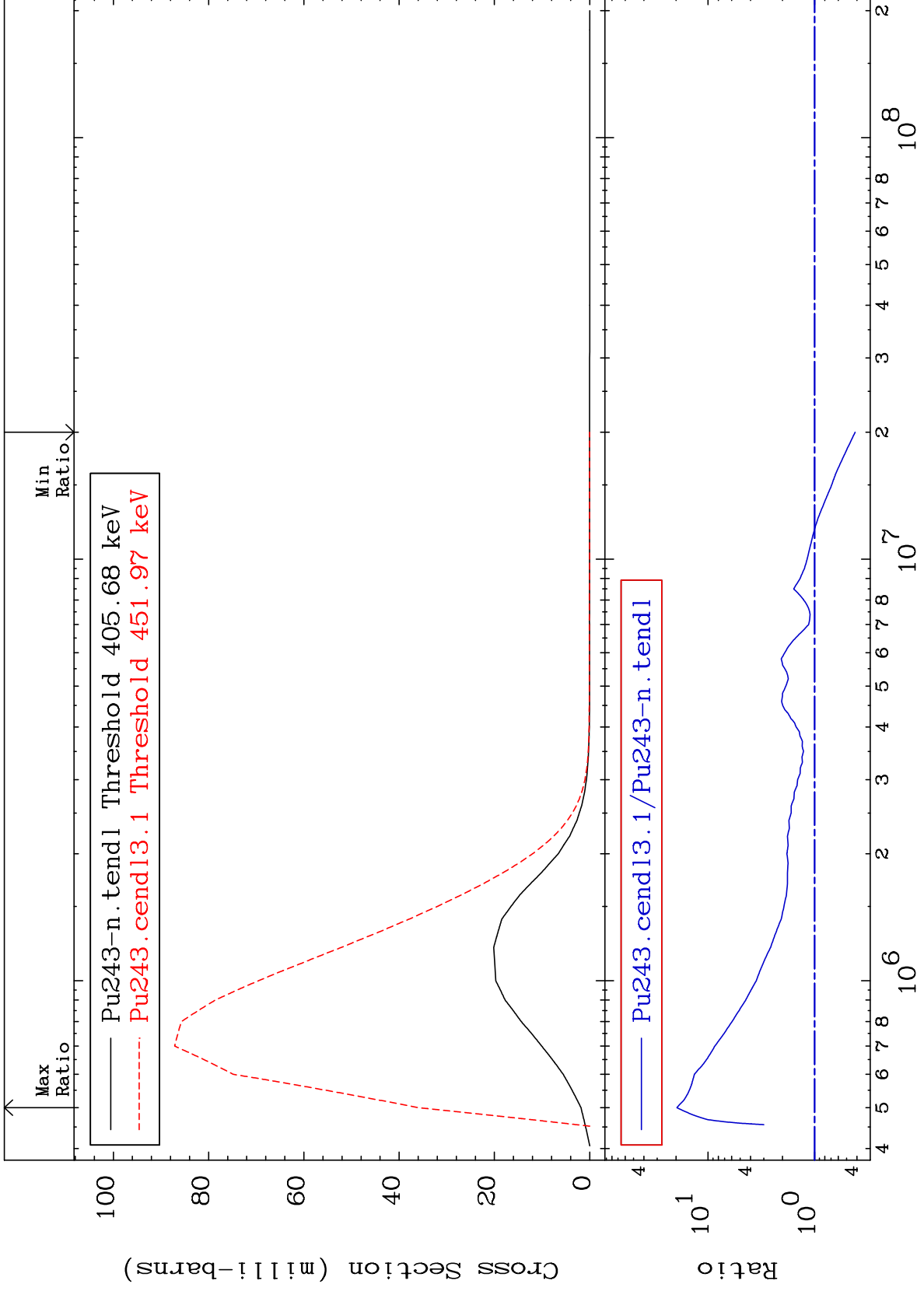
Incident Energy (eV)

94-Pu-243

MAT 9449

404.0 keV (n,n') Level
Cross Section

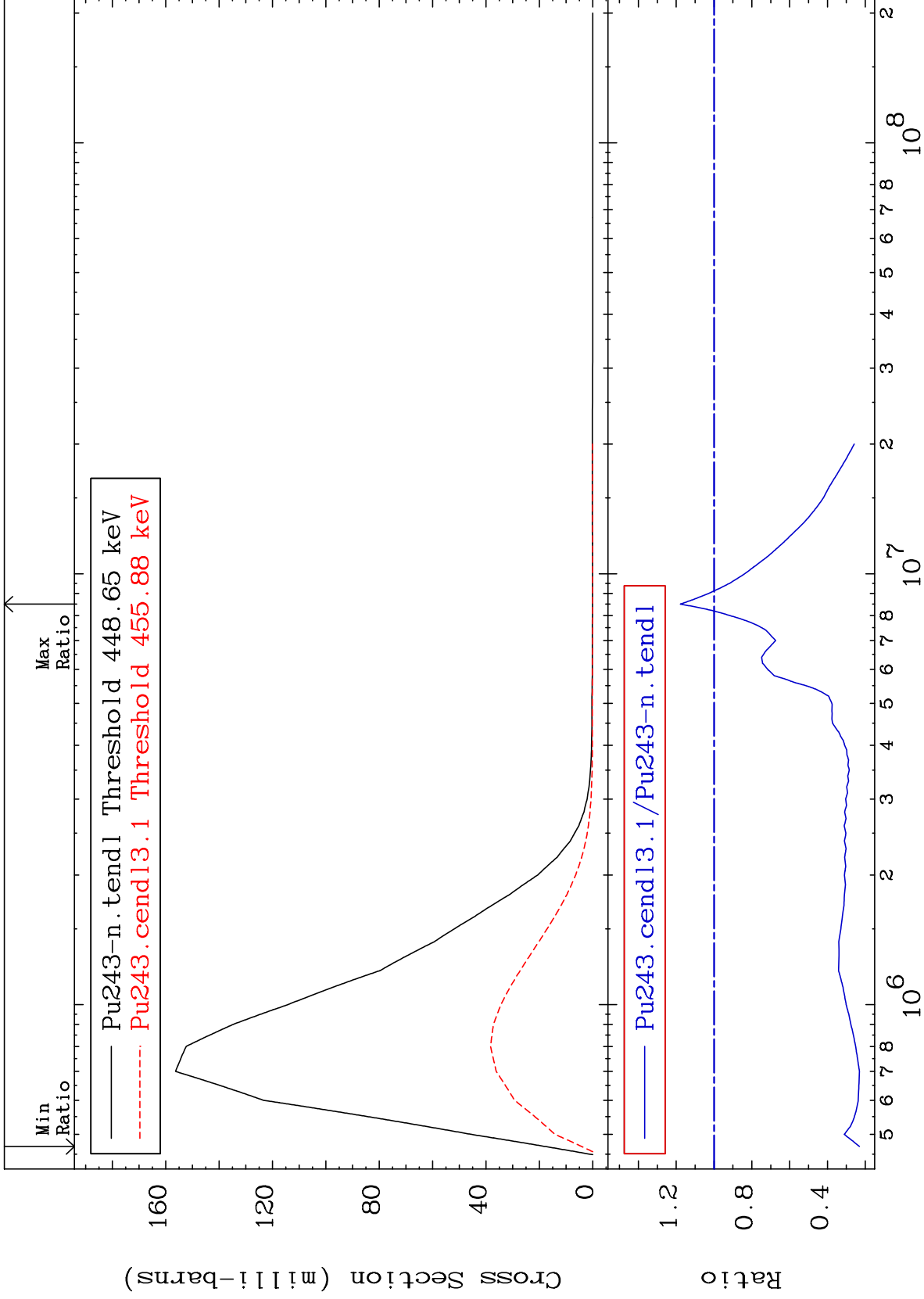
94-Pu-243
-58.34 To 1860. %



MAT 9449

446.8 keV (n,n') Level
Cross Section

94-Pu-243
-76.90 To 17.80 %



18

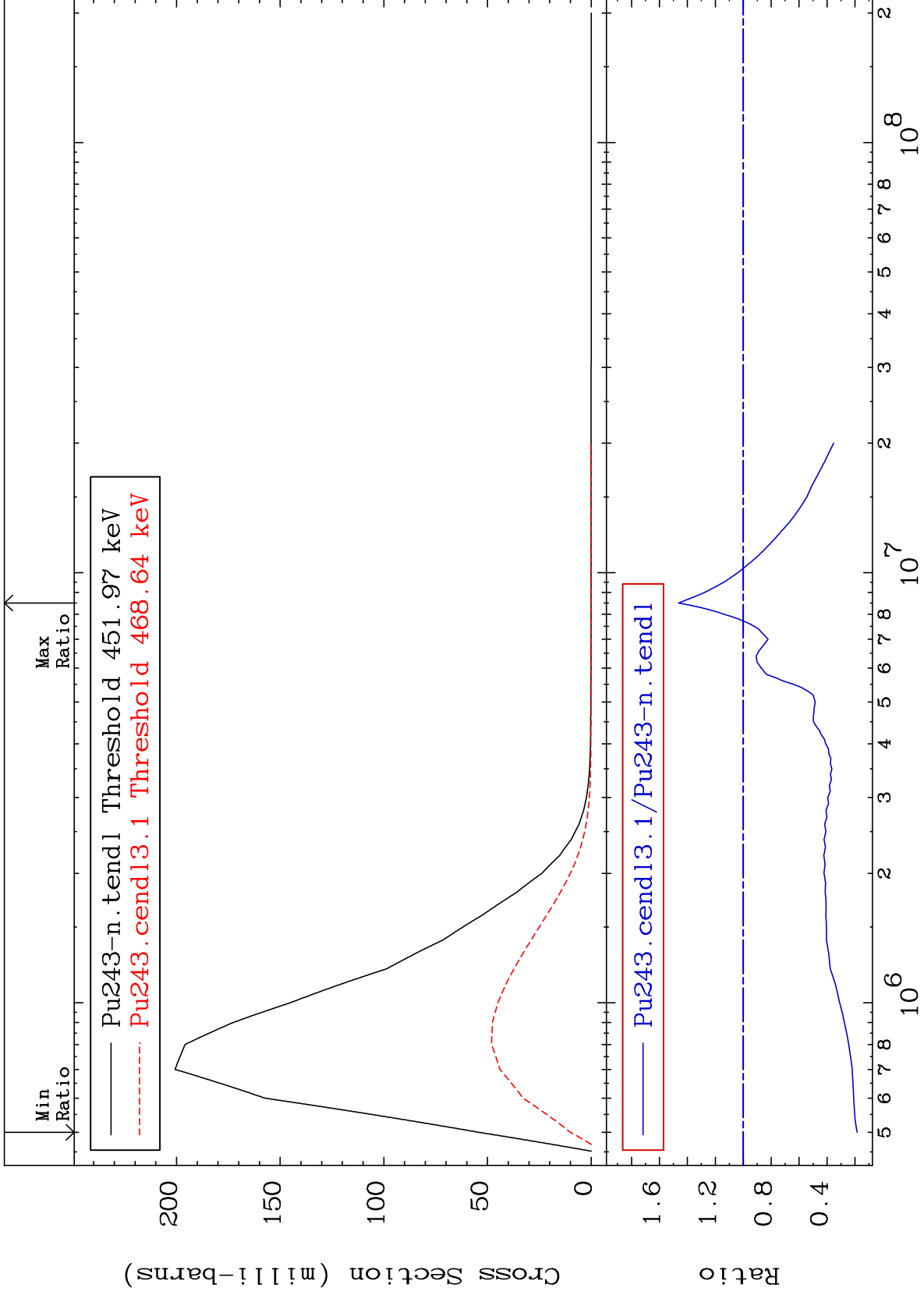
Incident Energy (eV)

94-Pu-243

MAT 9449

450.1 keV (n,n') Level
Cross Section

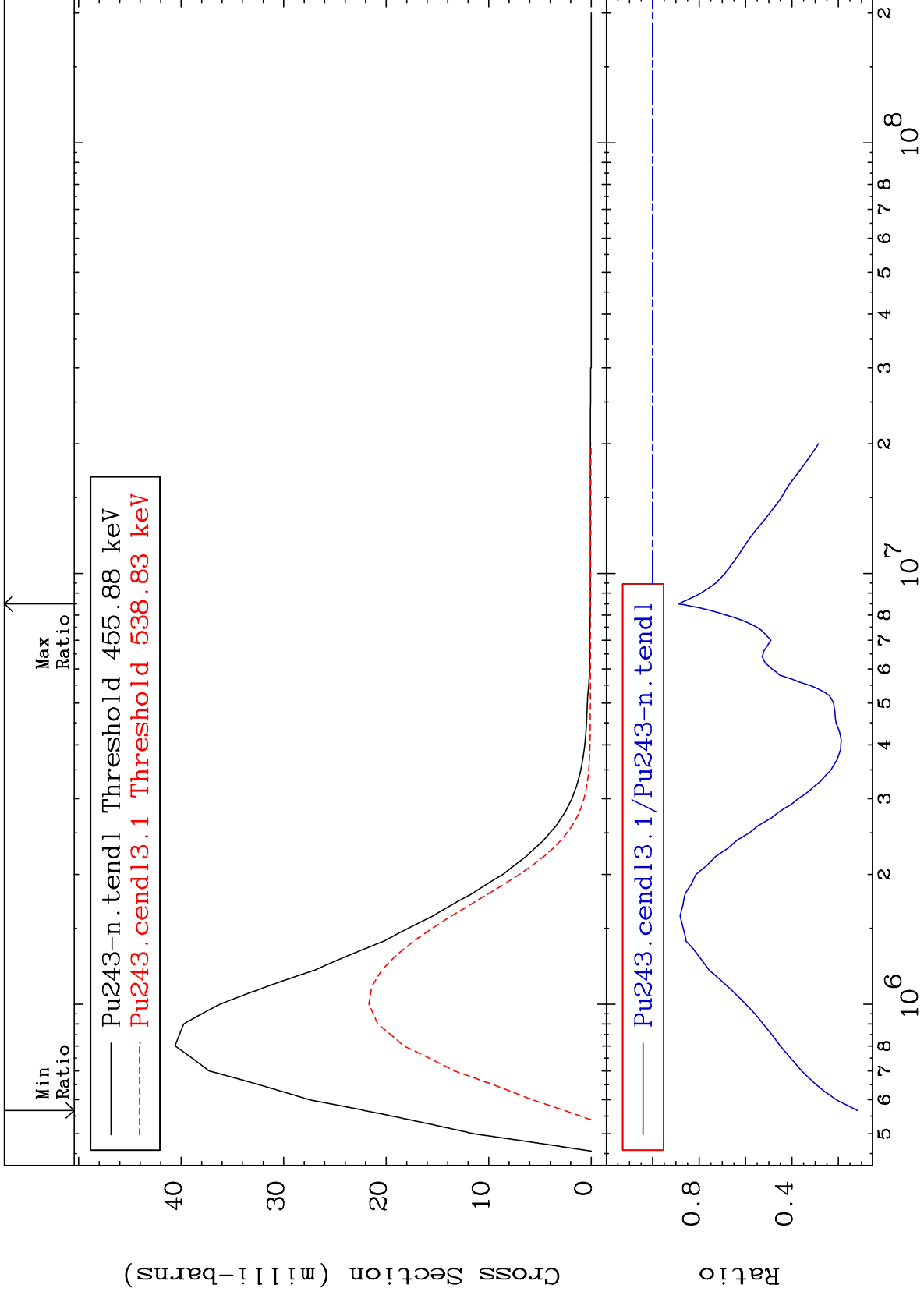
94-Pu-243
-81.62 To 46.25 %



MAT 9449

454.0 keV (n,n') Level
Cross Section

94-Pu-243
-88.13 To -11.18%



20

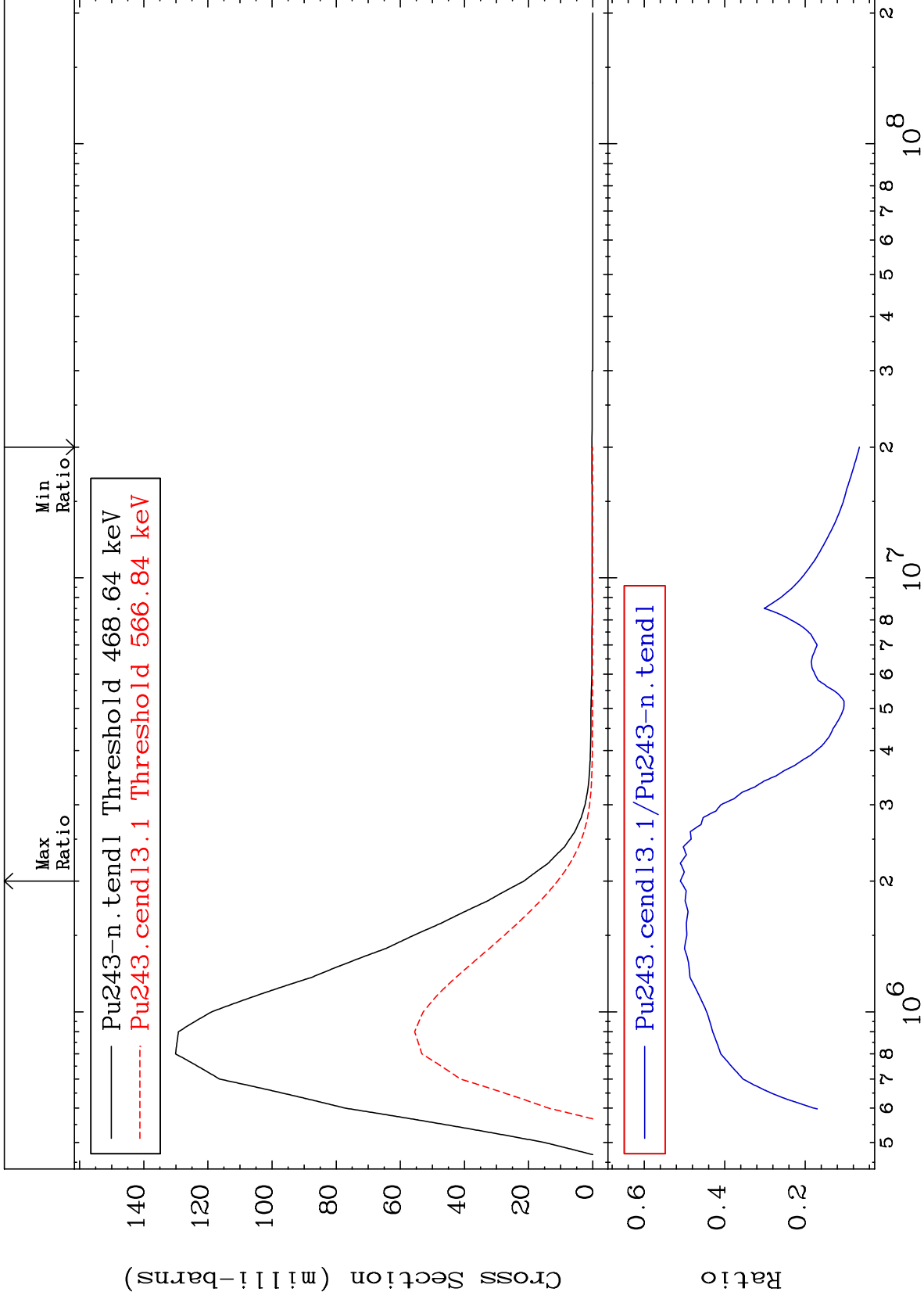
Incident Energy (eV)

94-Pu-243

MAT 9449

466.7 keV (n,n') Level
Cross Section

94-Pu-243
-93.50 To -48.98%



21

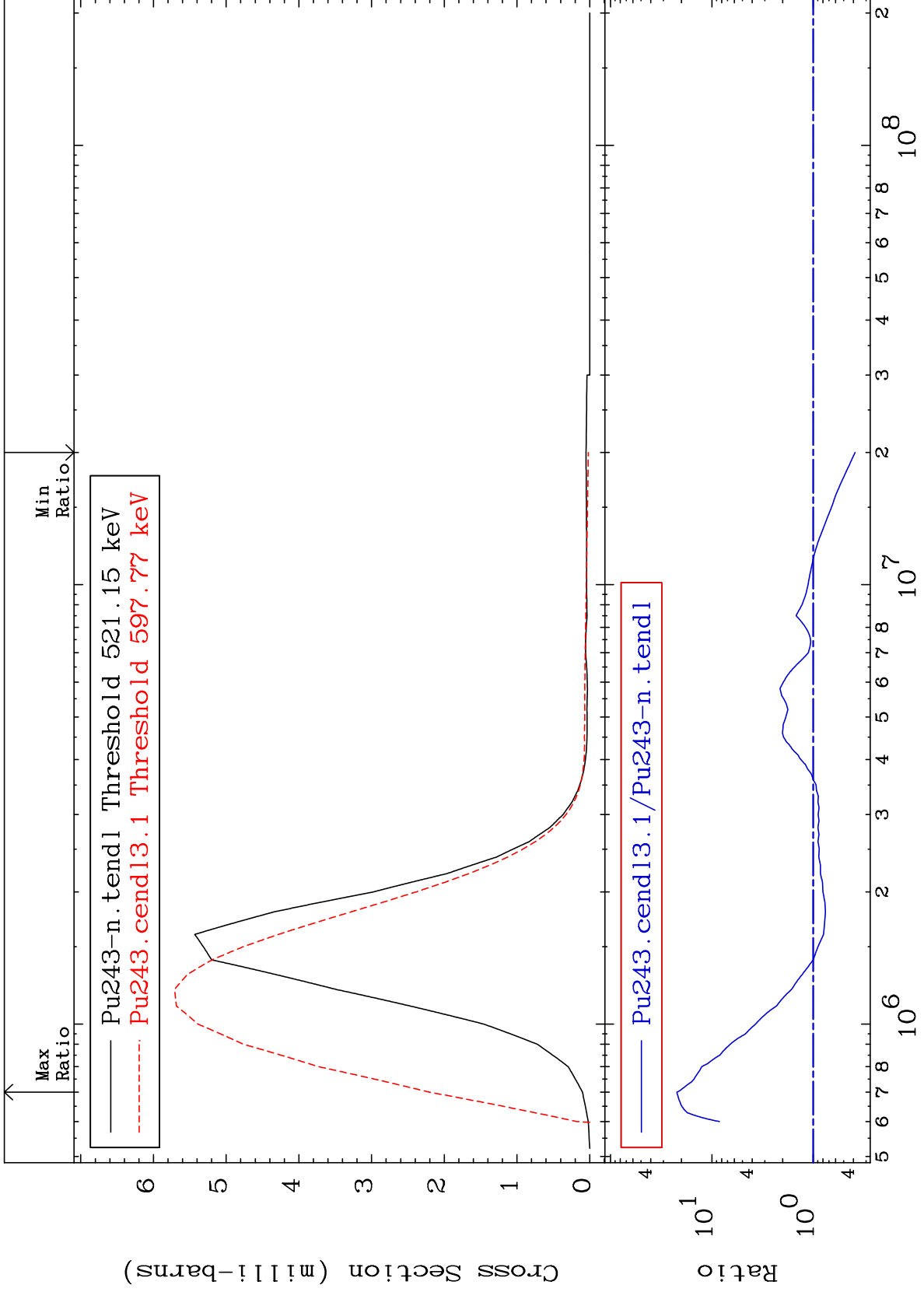
Incident Energy (eV)

94-Pu-243

MAT 9449

519.0 keV (n,n') Level
Cross Section

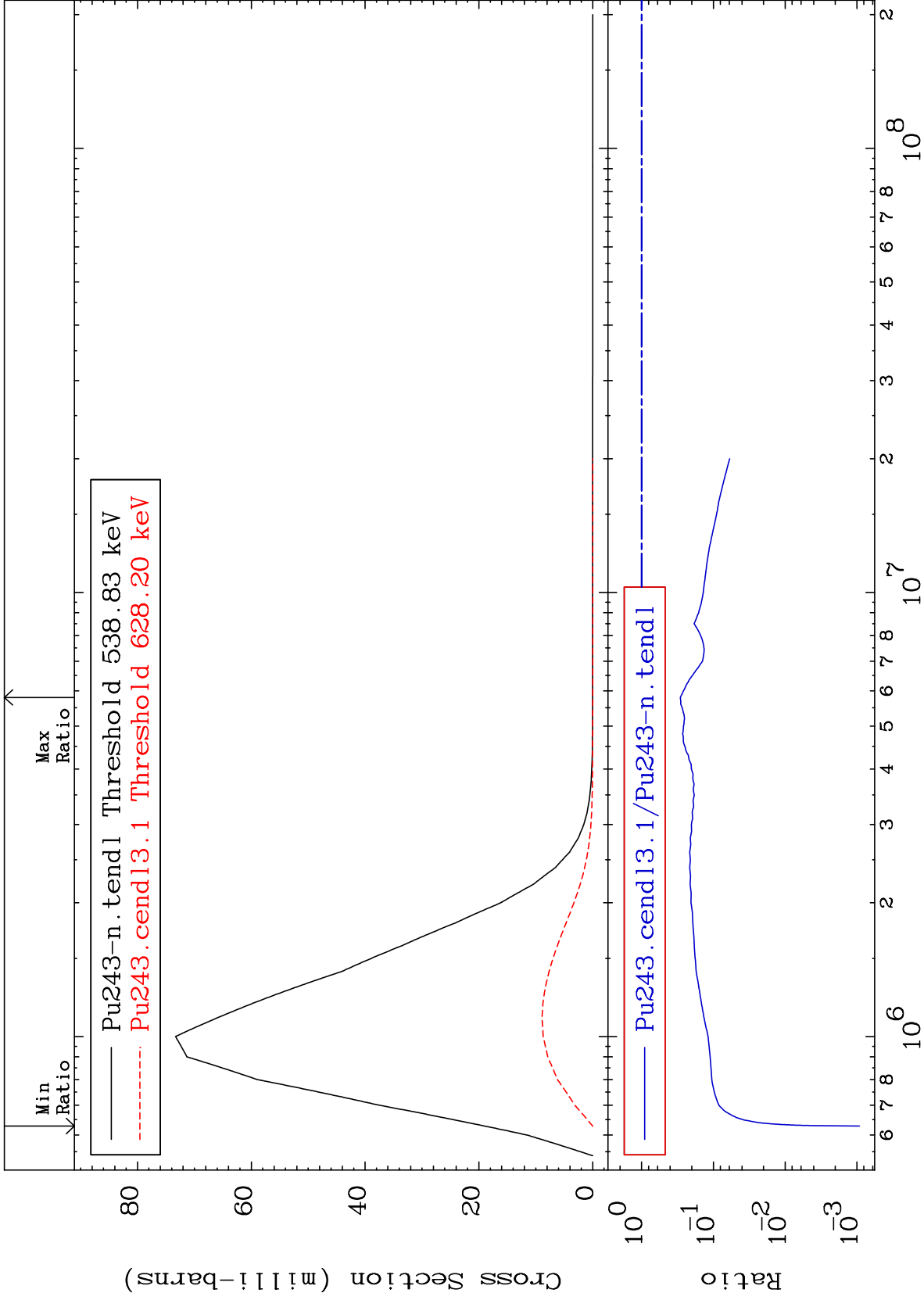
94-Pu-243
-61.42 To 2111. %



MAT 9449

536.6 keV (n,n') Level
Cross Section

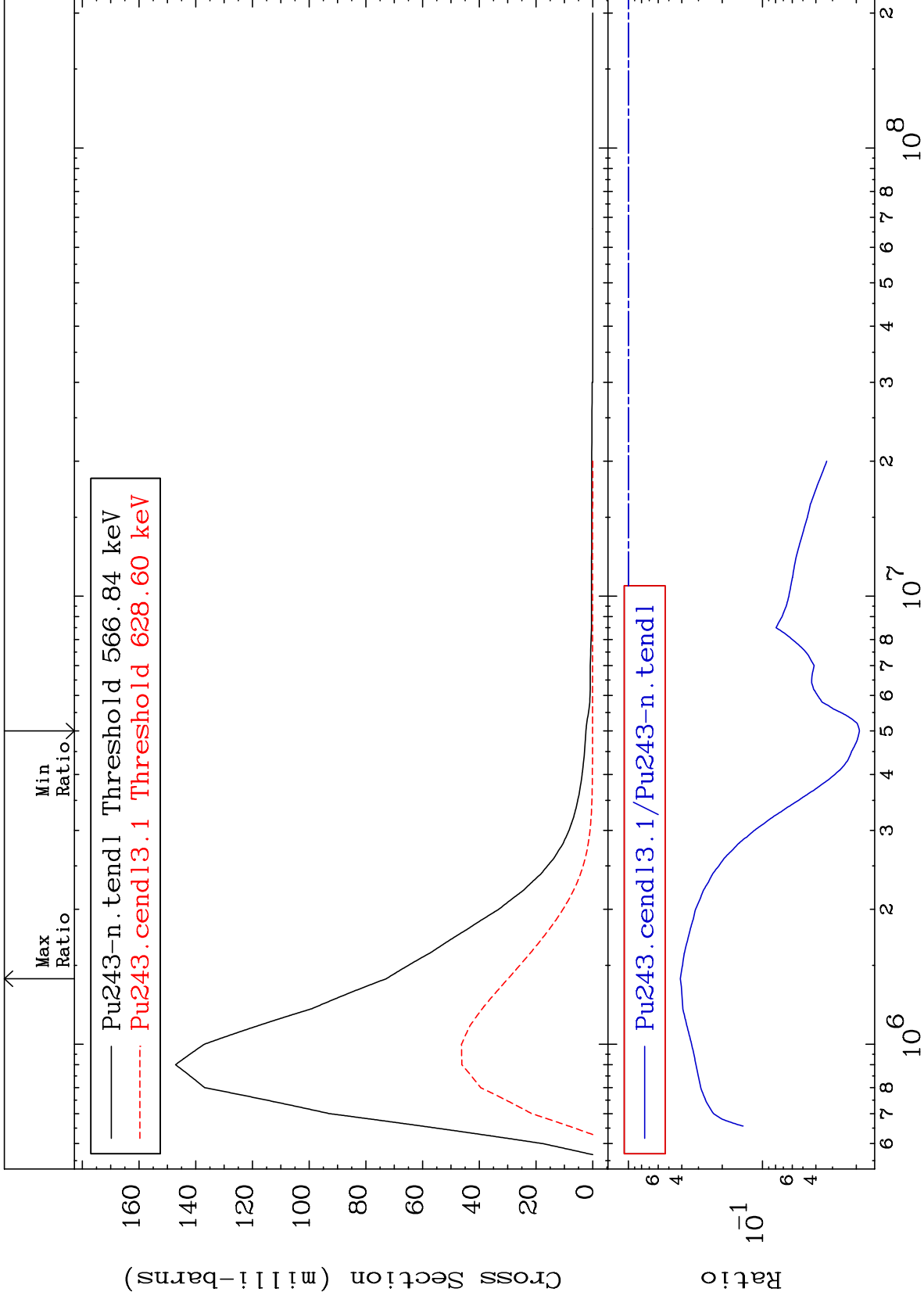
94-Pu-243
-99.91 To -71.17%



MAT 9449

564.5 keV (n,n') Level
Cross Section

94-Pu-243
-98.11 To -59.00%



24

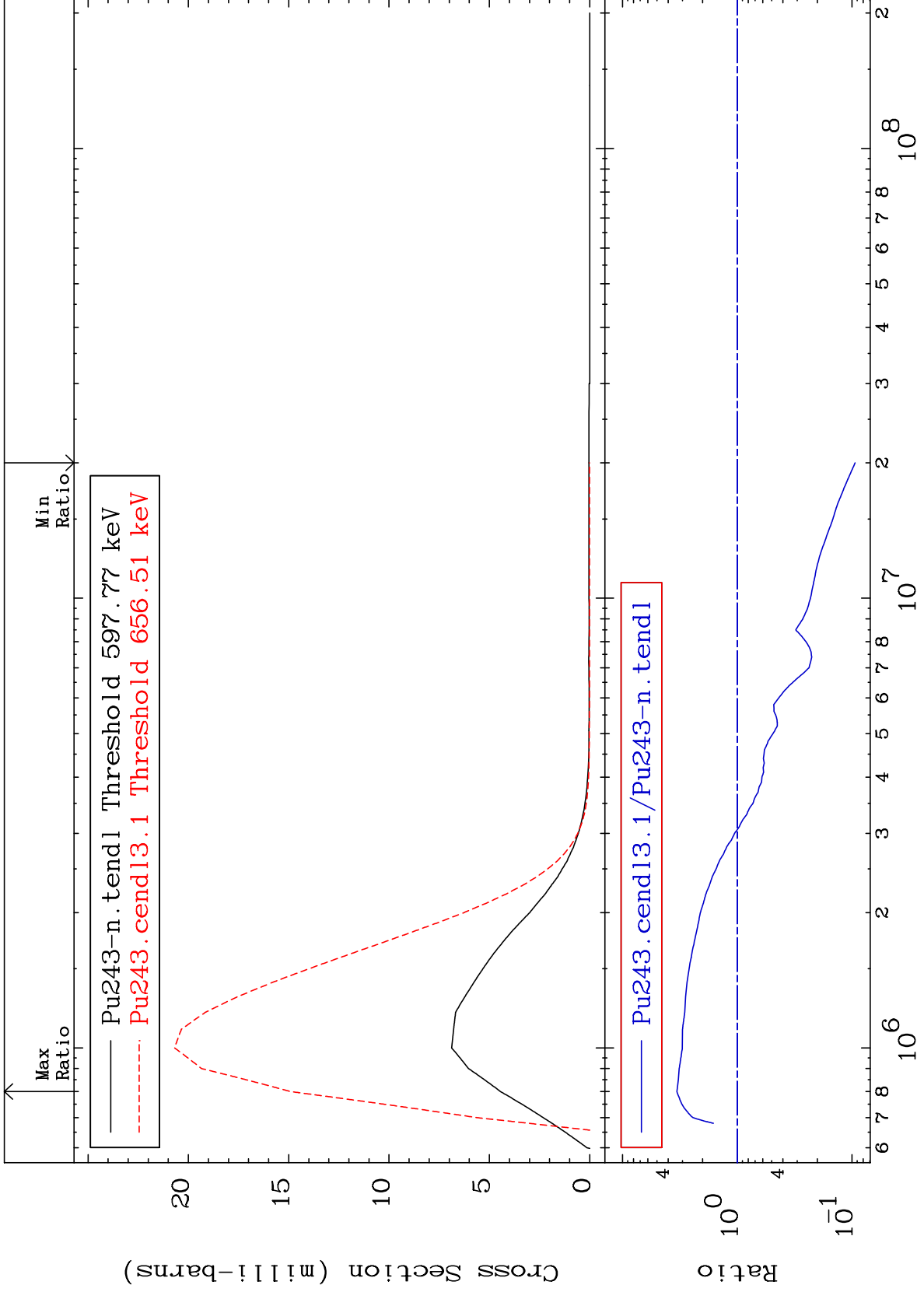
Incident Energy (eV)

94-Pu-243

MAT 9449

595.3 keV (n,n') Level
Cross Section

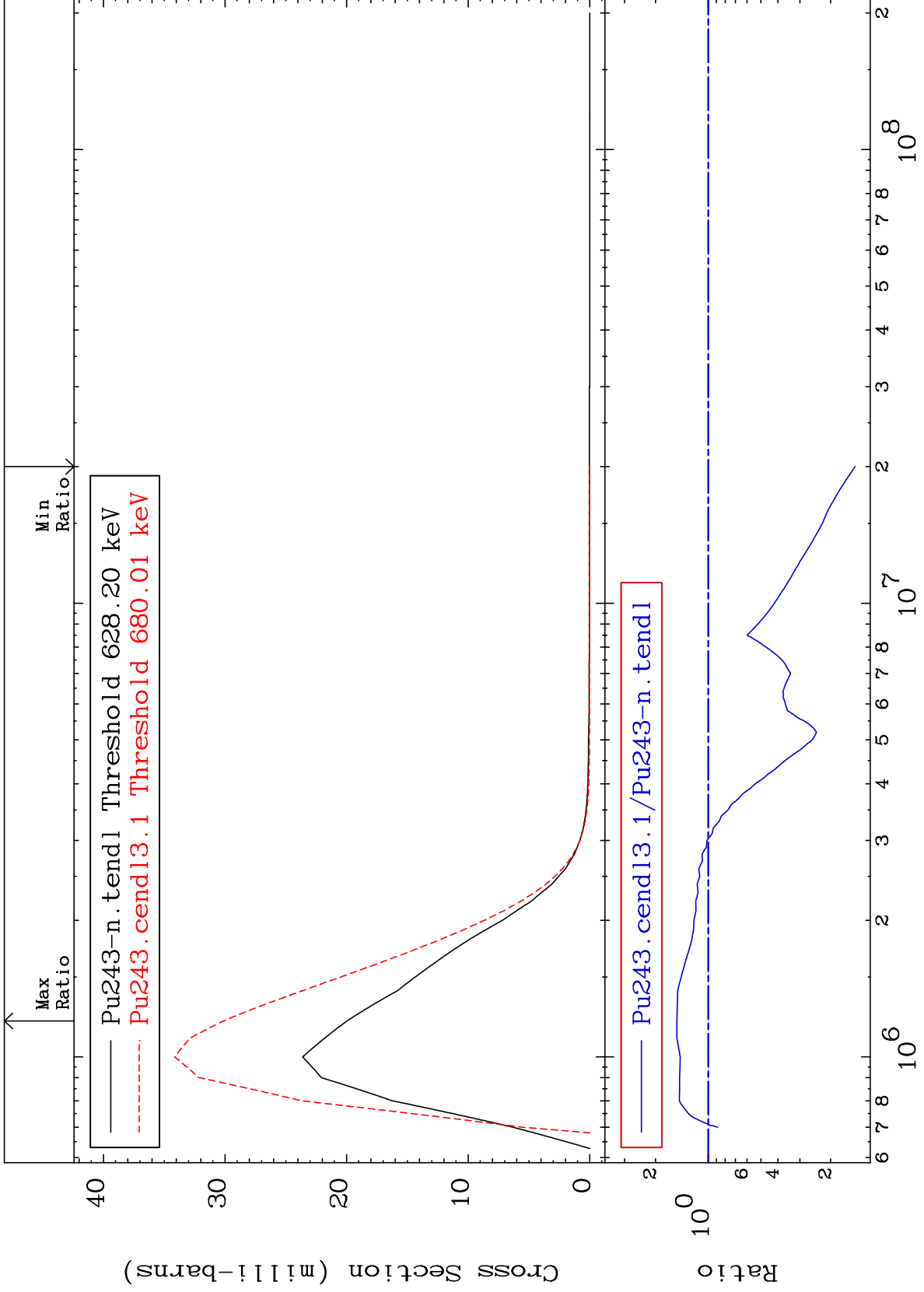
94-Pu-243
-90.61 To 235.3 %



MAT 9449

625.6 keV (n,n') Level
Cross Section

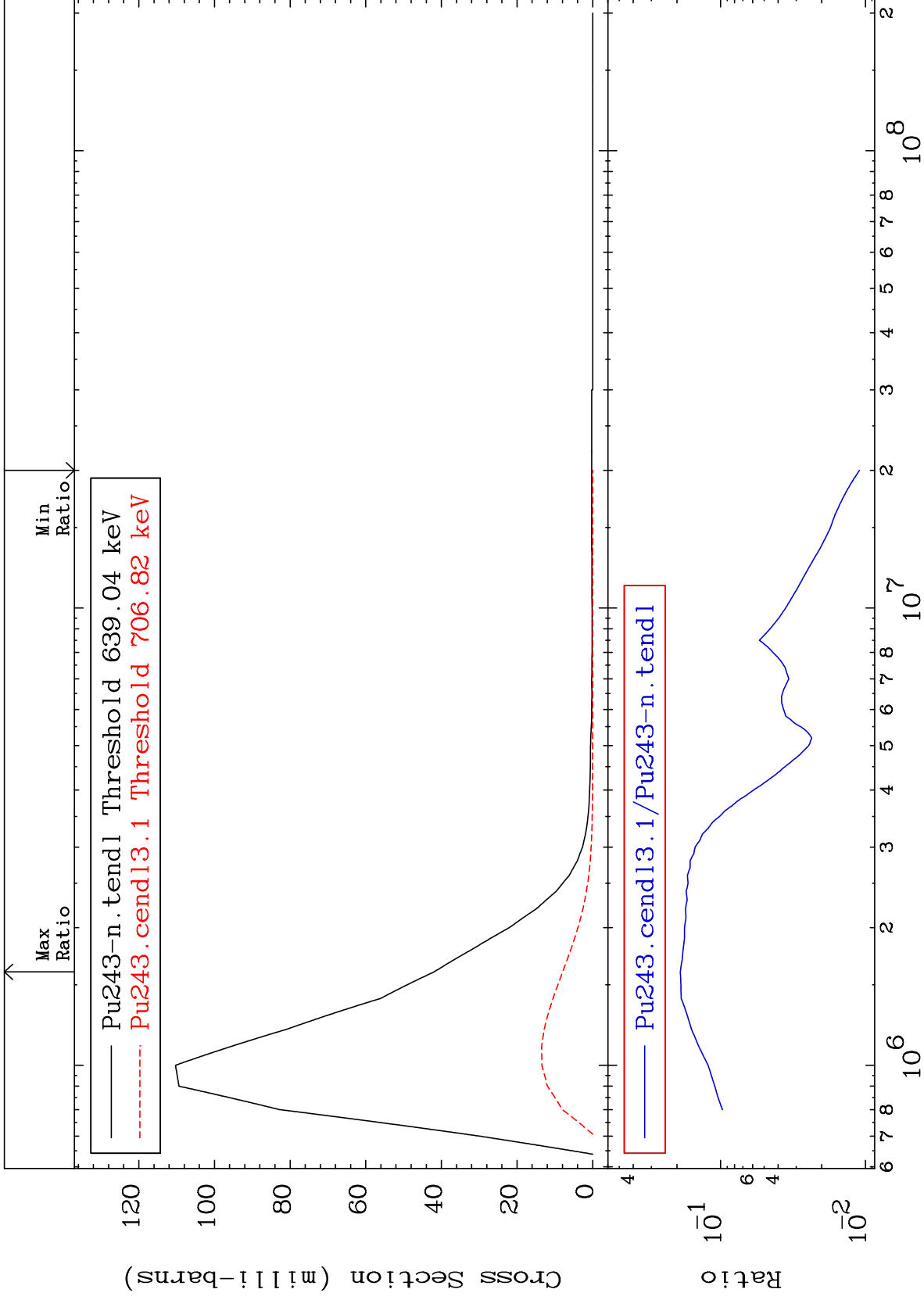
94-Pu-243
-85.49 To 50.85 %



MAT 9449

636.4 keV (n,n') Level
Cross Section

94-Pu-243
-98.90 To -81.08%



27

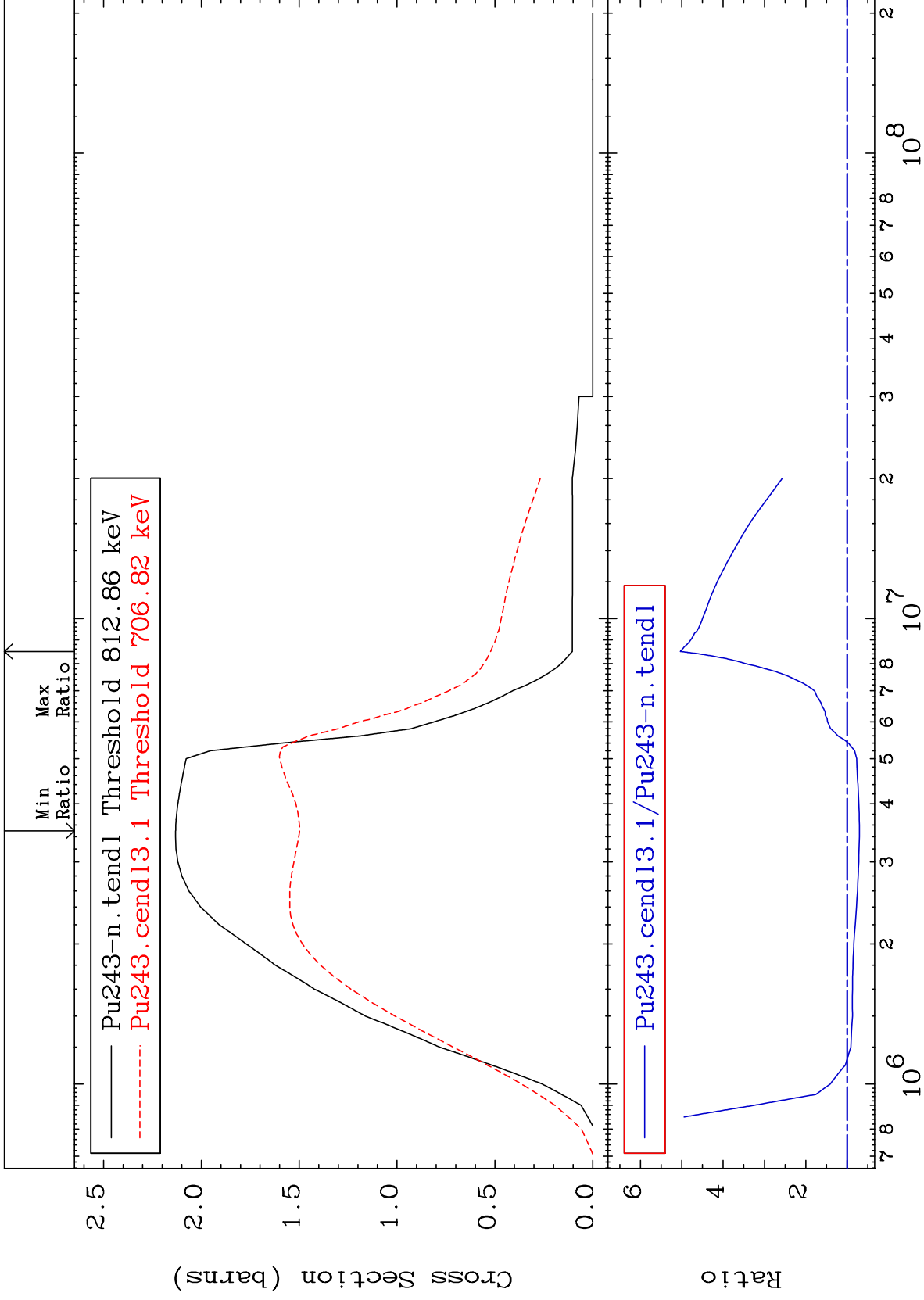
Incident Energy (eV)

94-Pu-243

MAT 9449

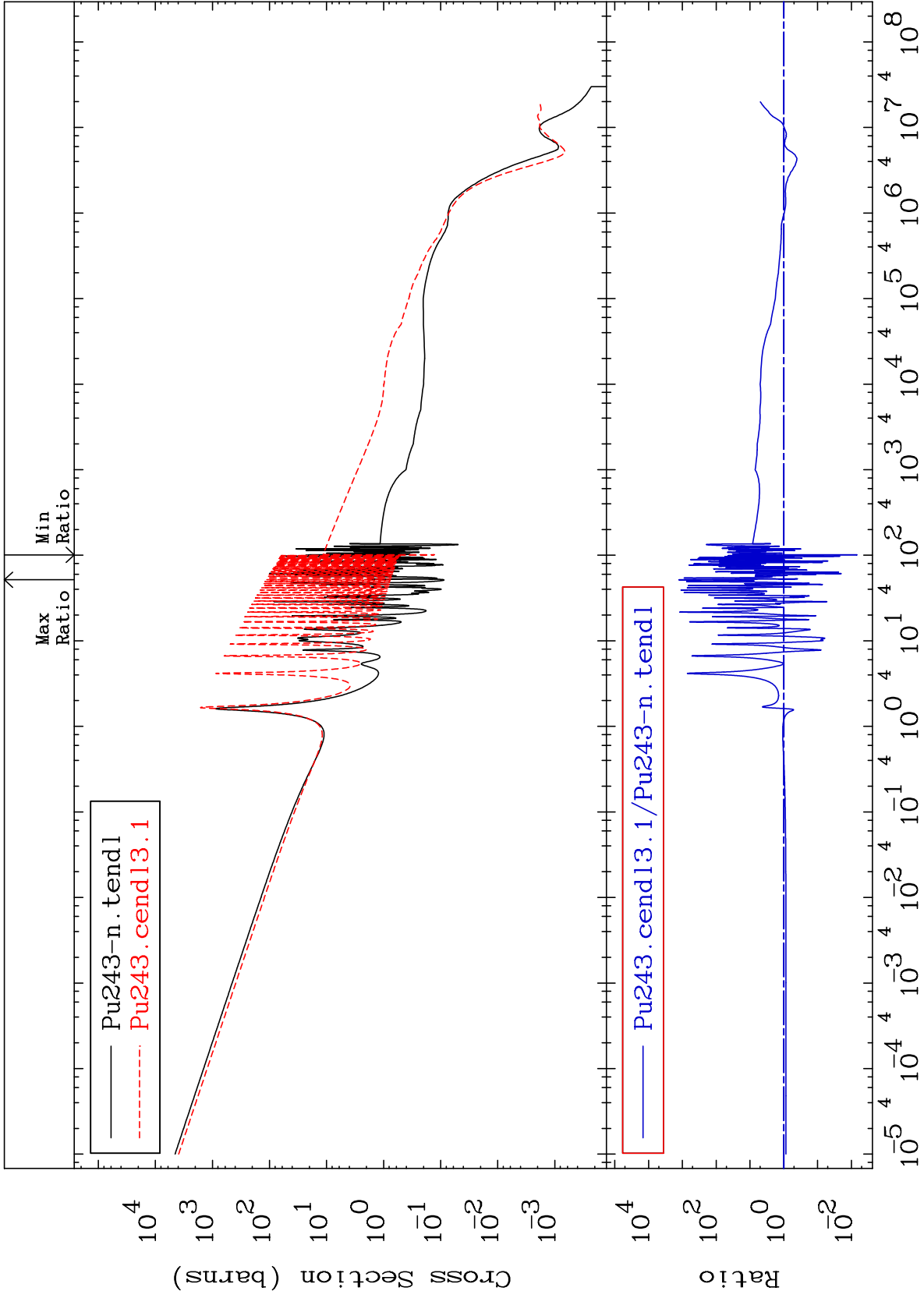
(n, n') Continuum
Cross Section

94-Pu-243
-29.74 To 403.4 %



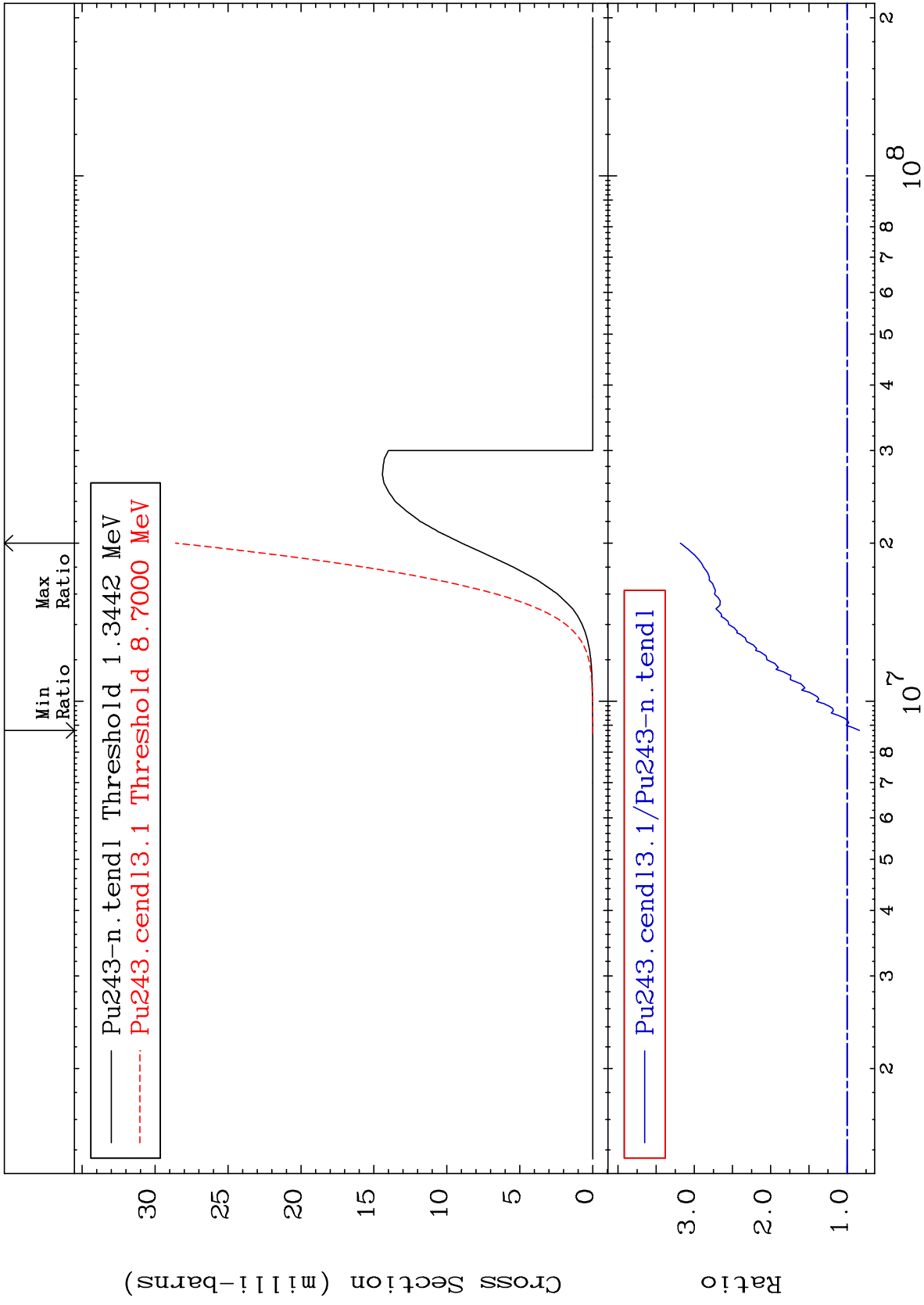
MAT 9449

(n, γ)
Cross Section
-99.33 To 9999. %
94-Pu-243



MAT 9449

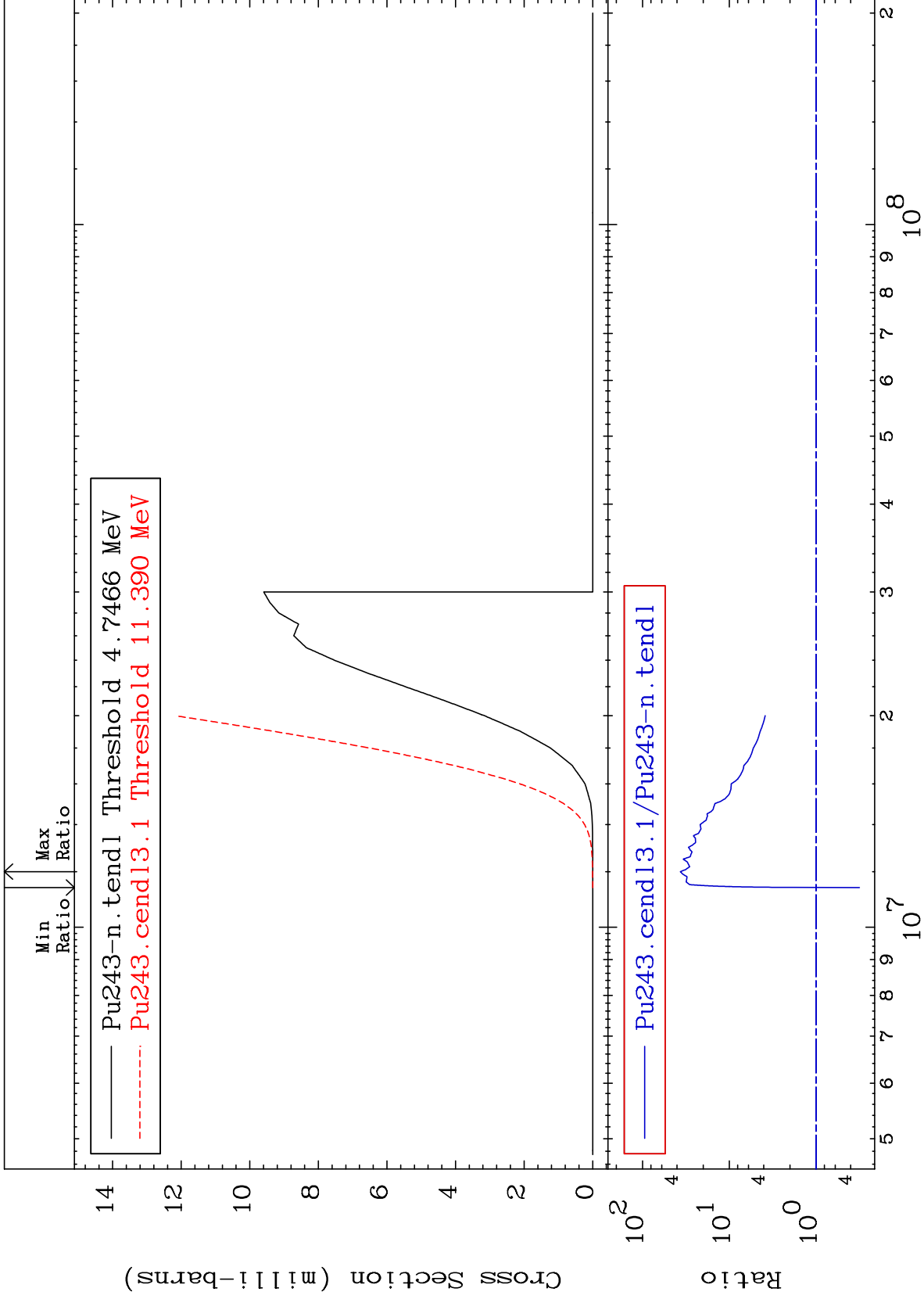
(n,p)
Cross Section
94-Pu-243
-16.23 To 218.3 %



30

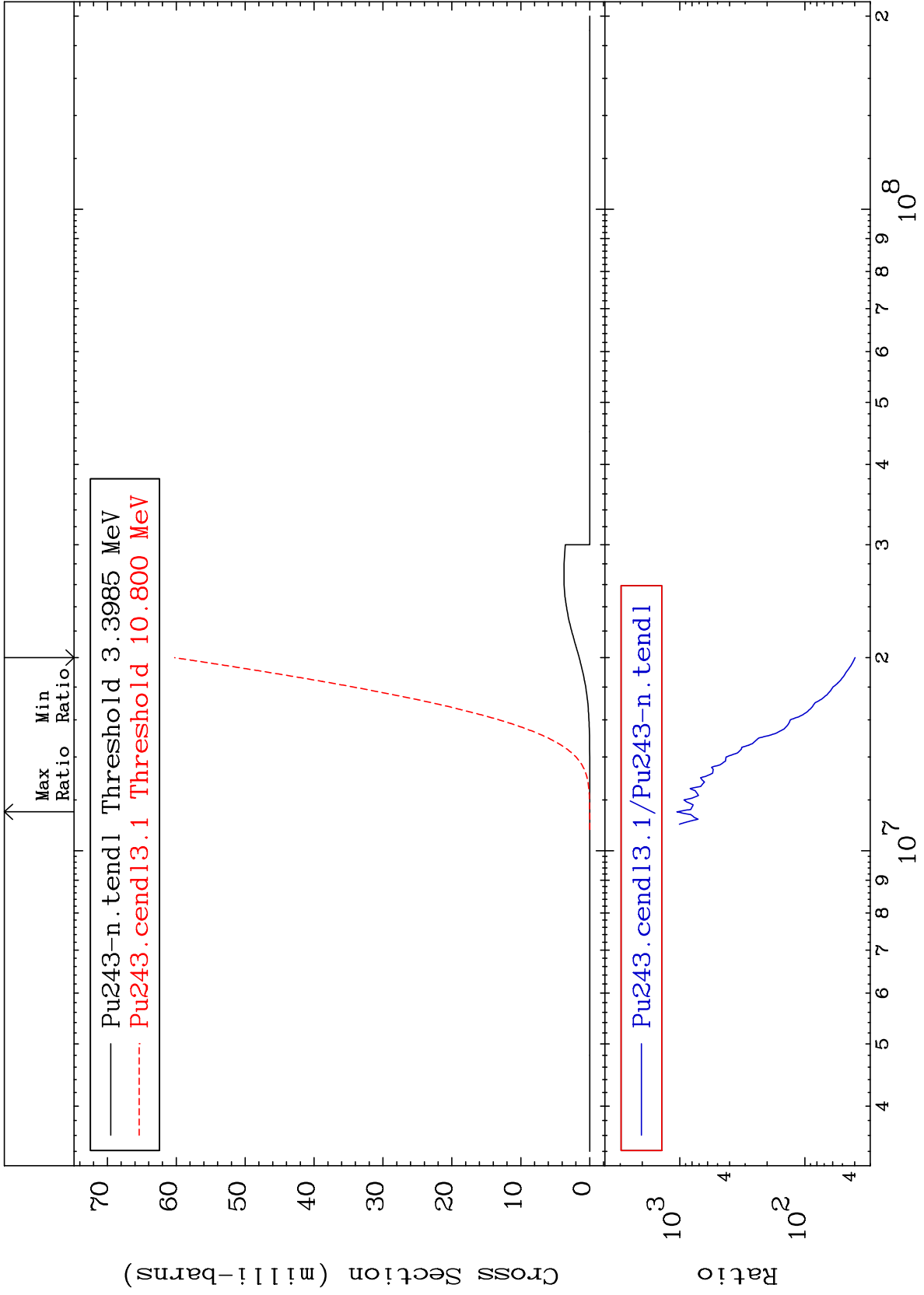
Incident Energy (eV)

94-Pu-243



MAT 9449

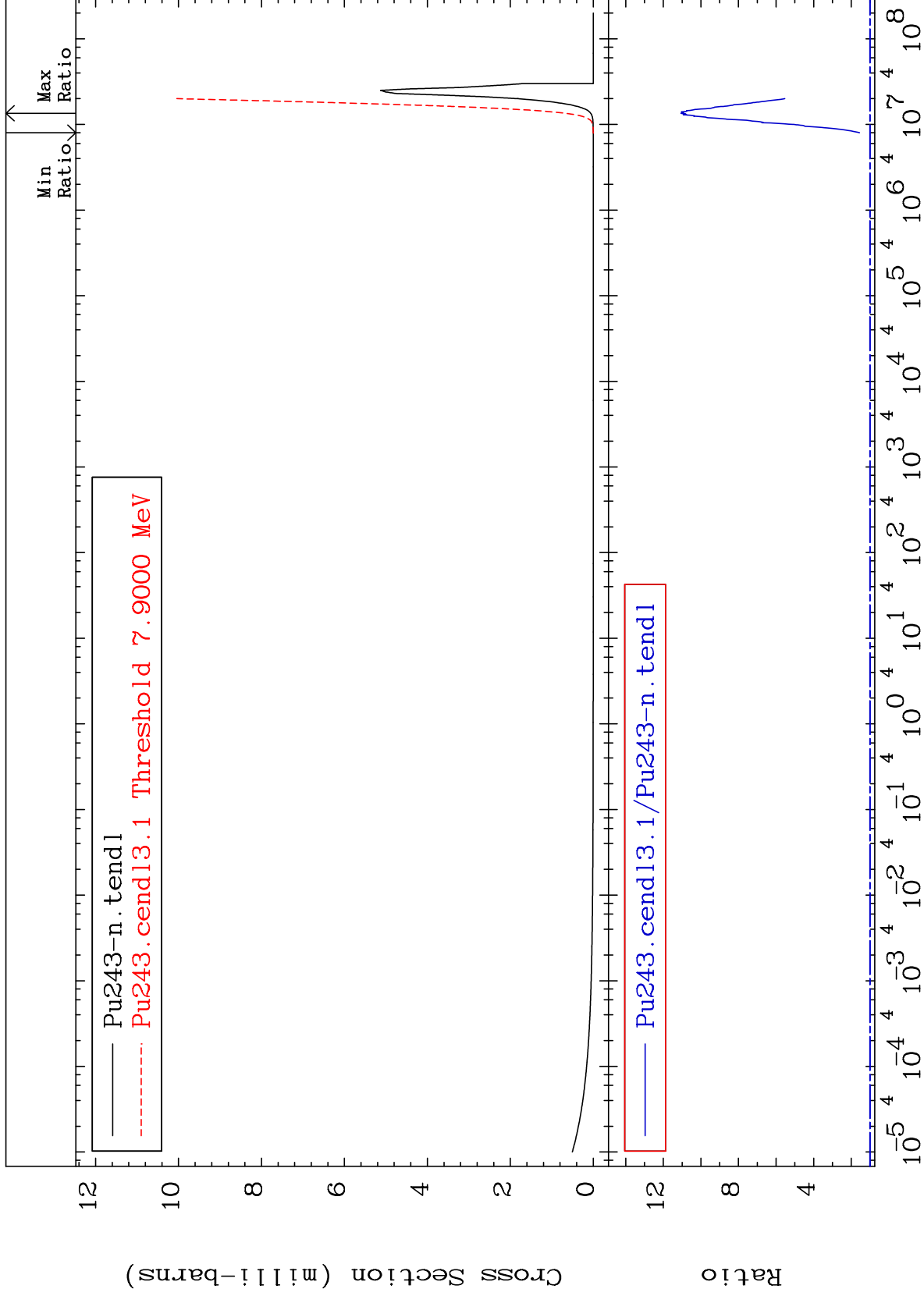
(n, t) Cross Section
94-Pu-243
3866. To 9999. %



MAT 9449

(n, α)
Cross Section

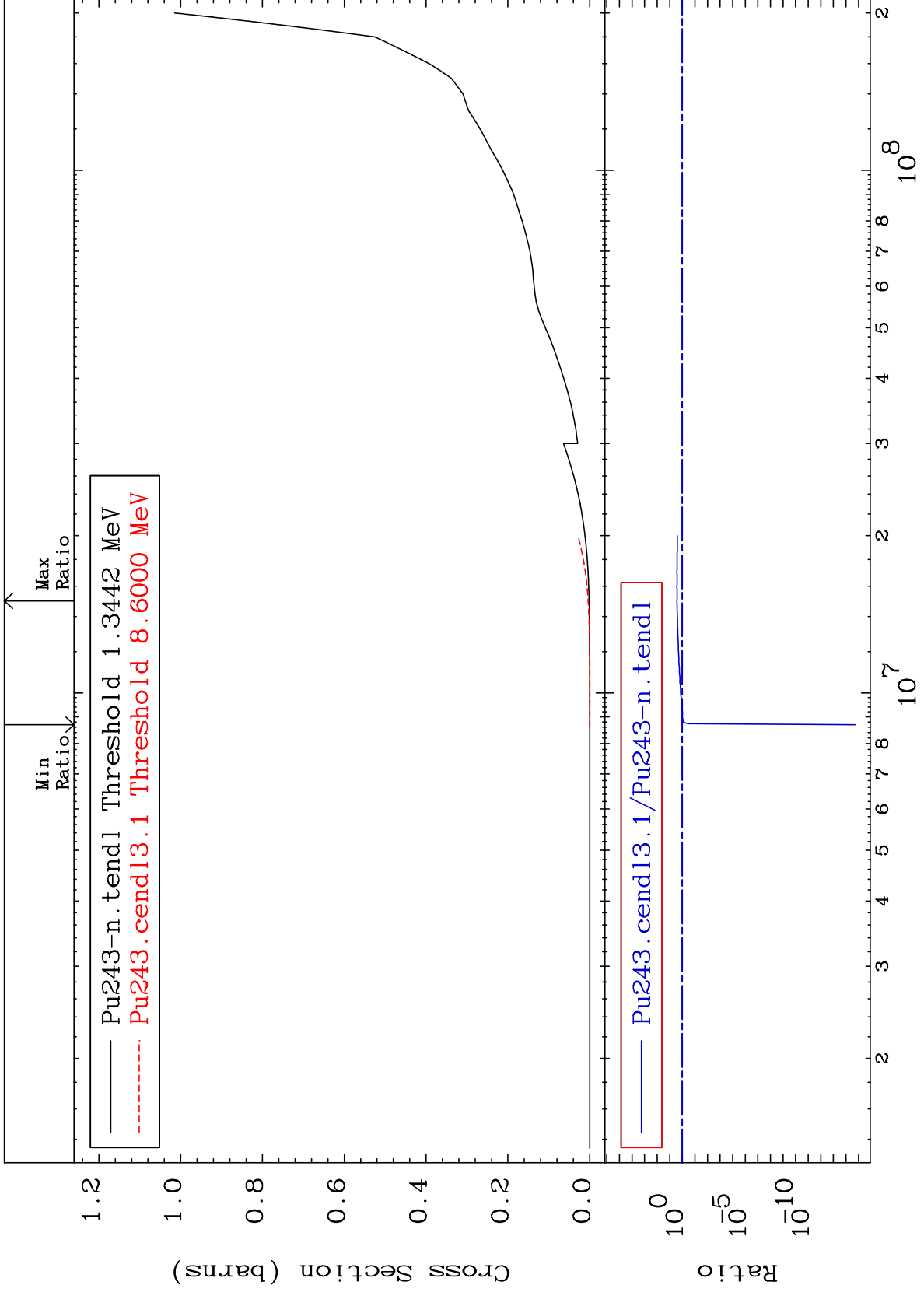
94-Pu-243
55.89 To 1007. %



33

Incident Energy (eV)

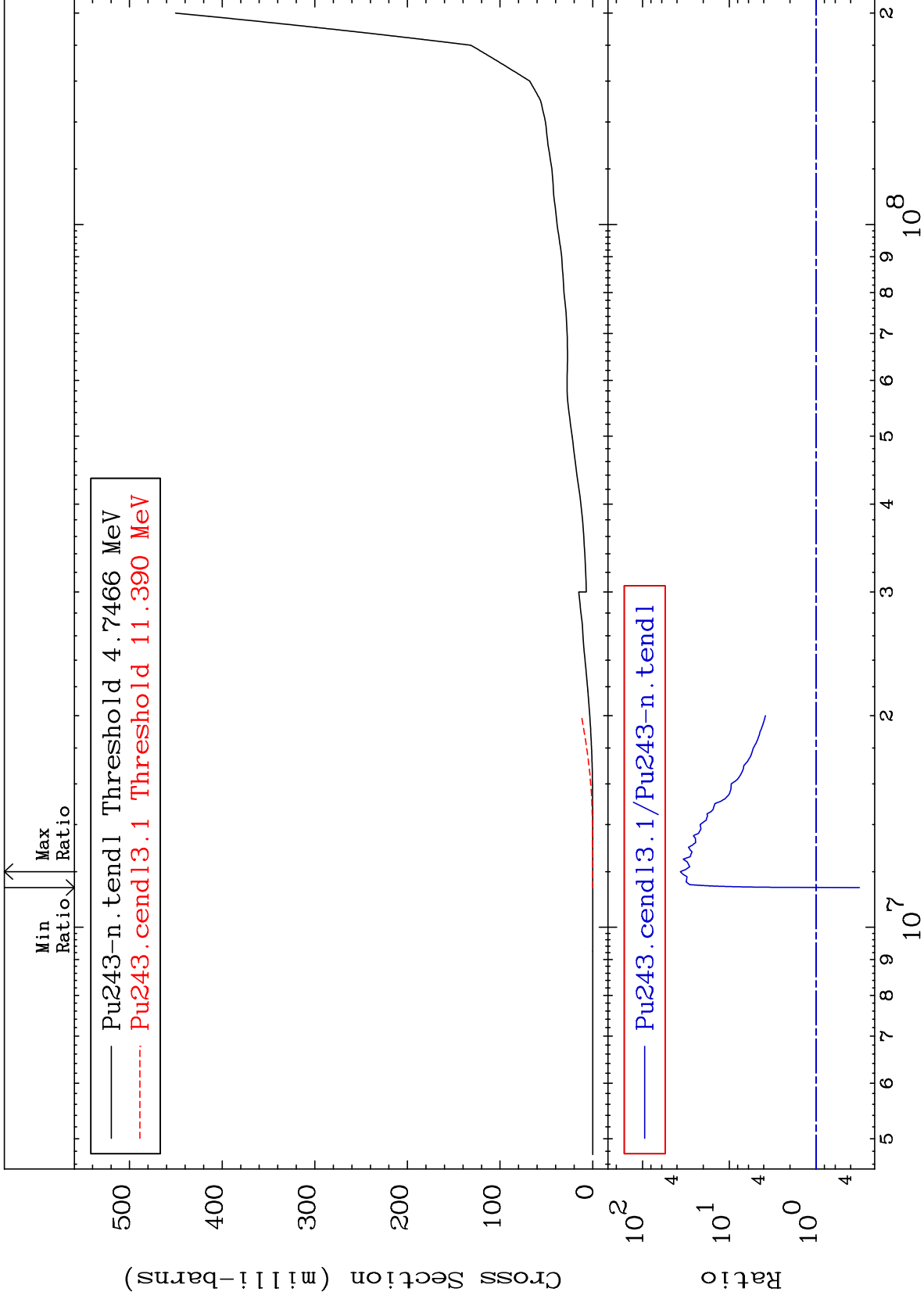
94-Pu-243



MAT 9449

Deuterium Production
Cross Section

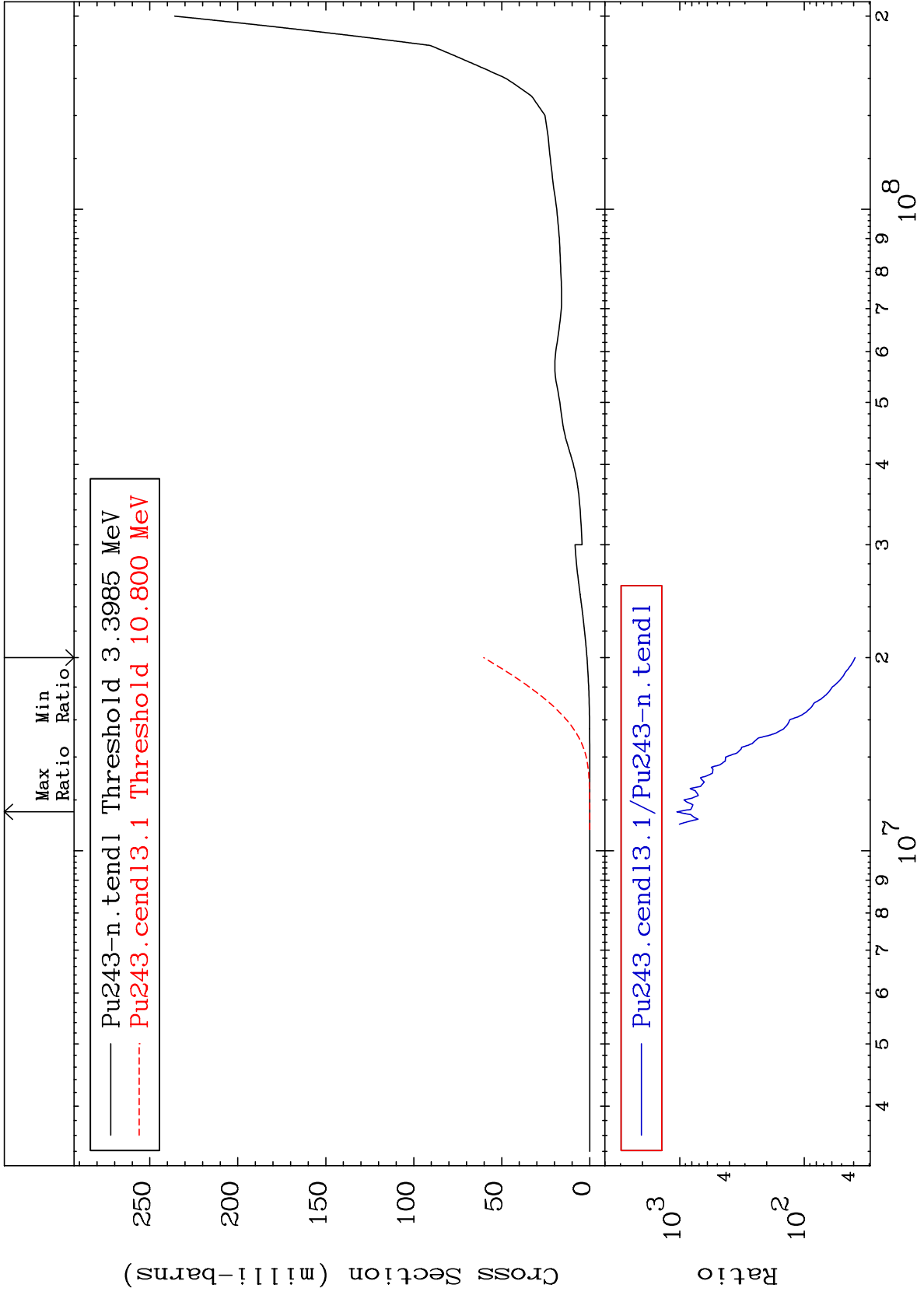
94-Pu-243
-68.35 To 3561. %



MAT 9449

Tritium Production
Cross Section

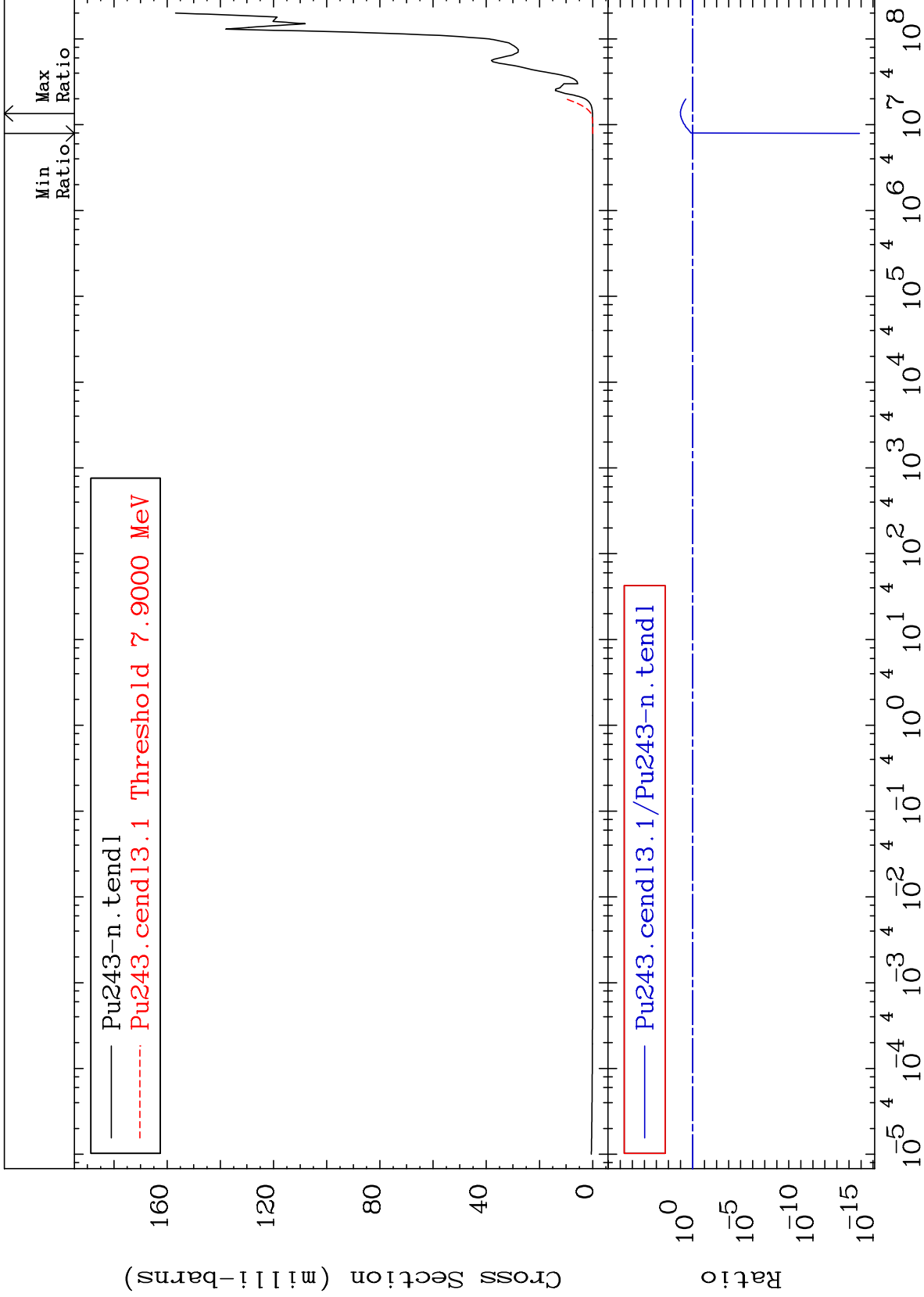
94-Pu-243
3798. To 9999. %



MAT 9449

He-4 Production
Cross Section

94-Pu-243
-100.0 To 923.0 %



37

Incident Energy (eV)

94-Pu-243

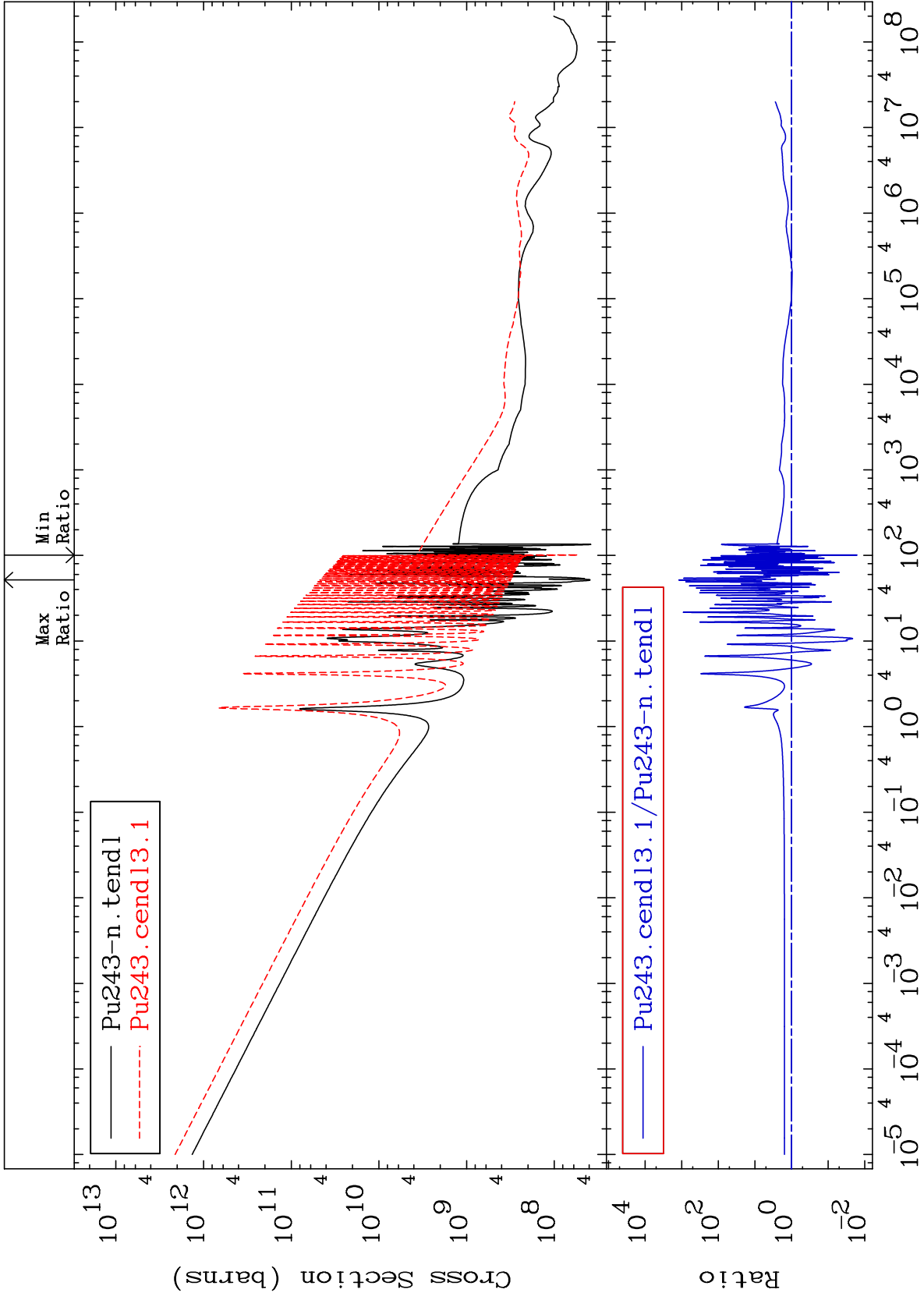
MAT 9449

Kerma total (eV-barns)

94-Pu-243

-98.39 To 9999. %

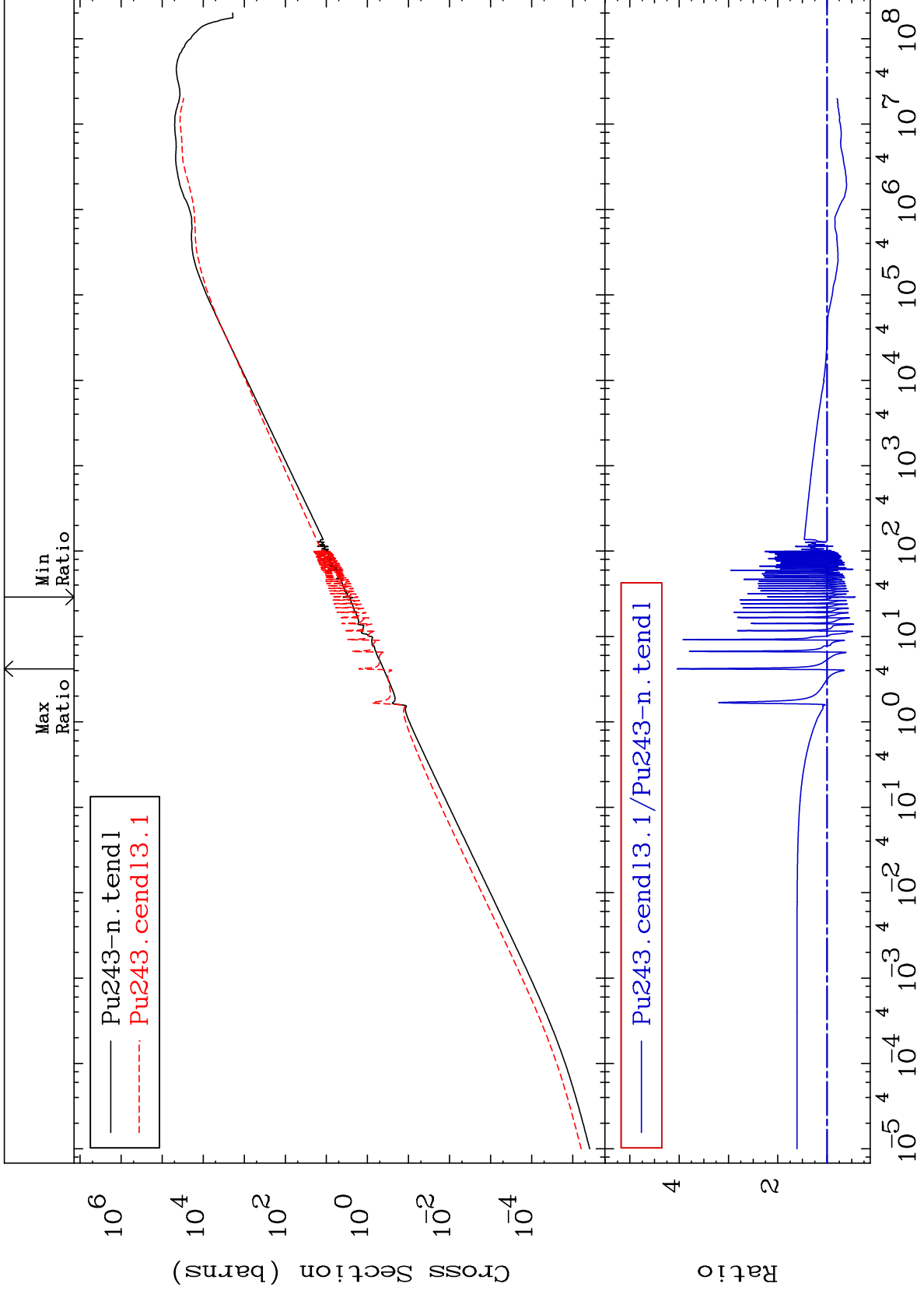
Cross Section



MAT 9449

Kerma elastic
Cross Section

94-Pu-243
-56.78 To 304.5 %



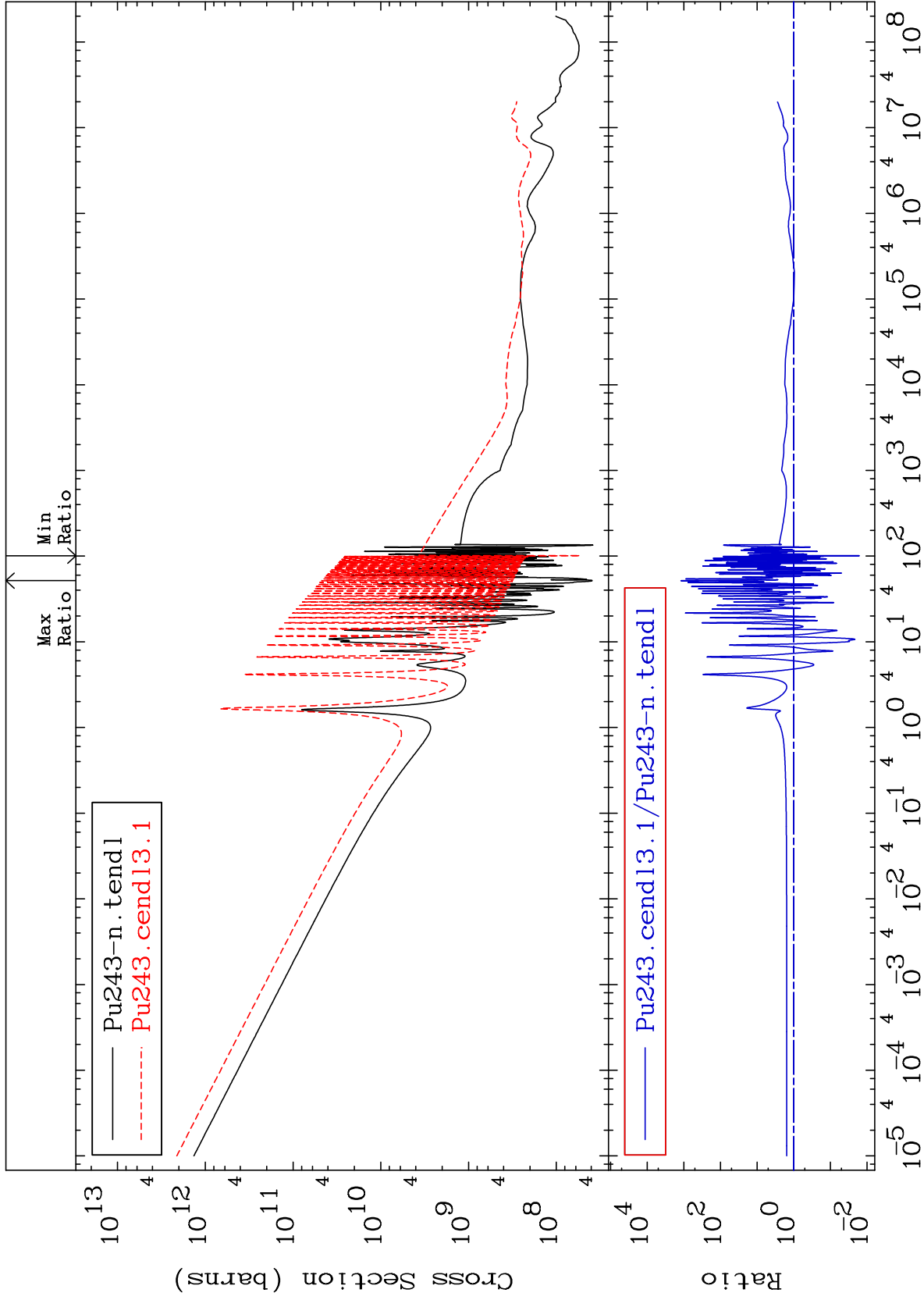
MAT 9449

Kerma non-elastic (all but mt2)

94-Pu-243

-98.39 To 9999. %

Cross Section



40

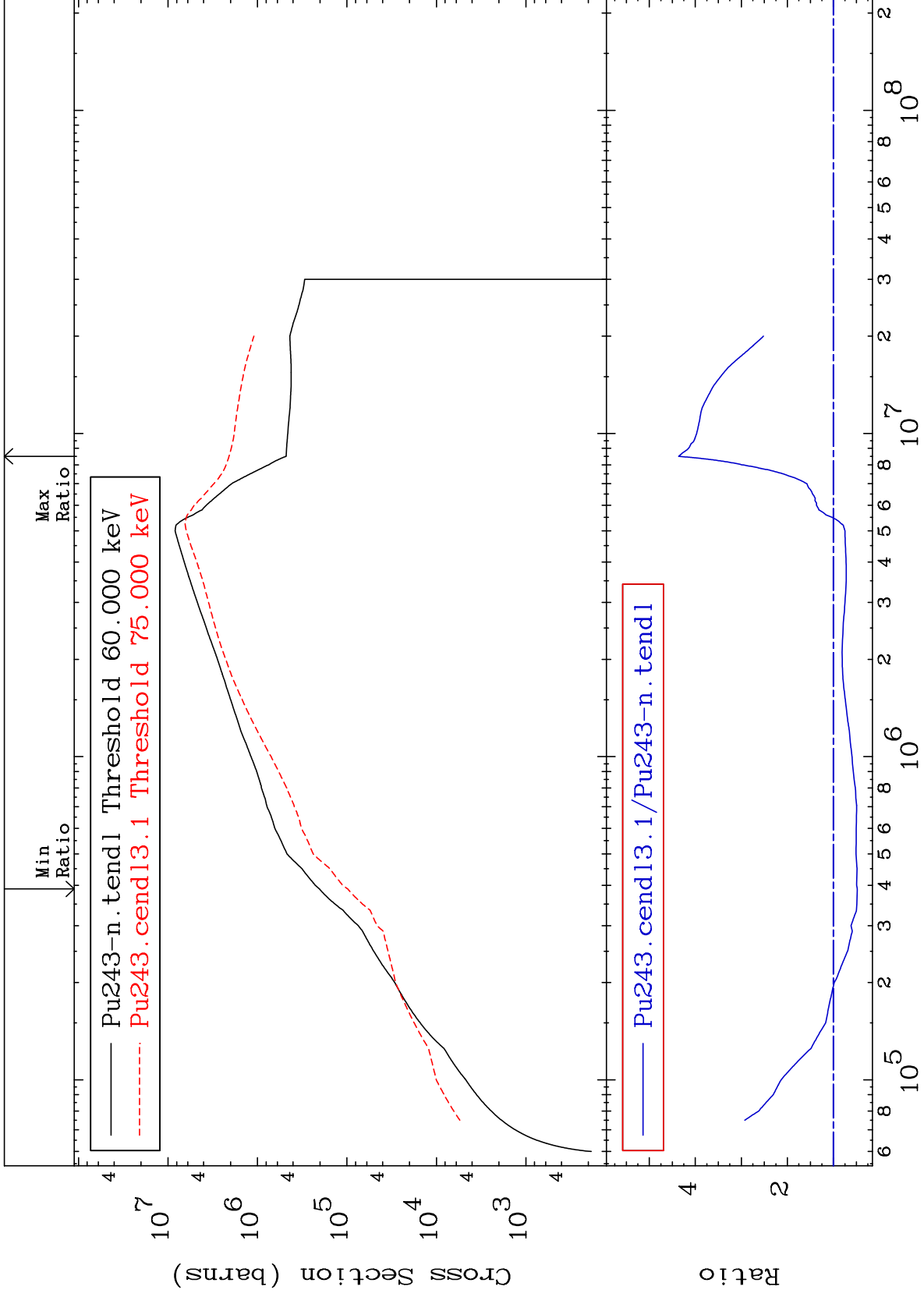
Incident Energy (eV)

94-Pu-243

MAT 9449

Kerma inelastic (mt51-91)
Cross Section

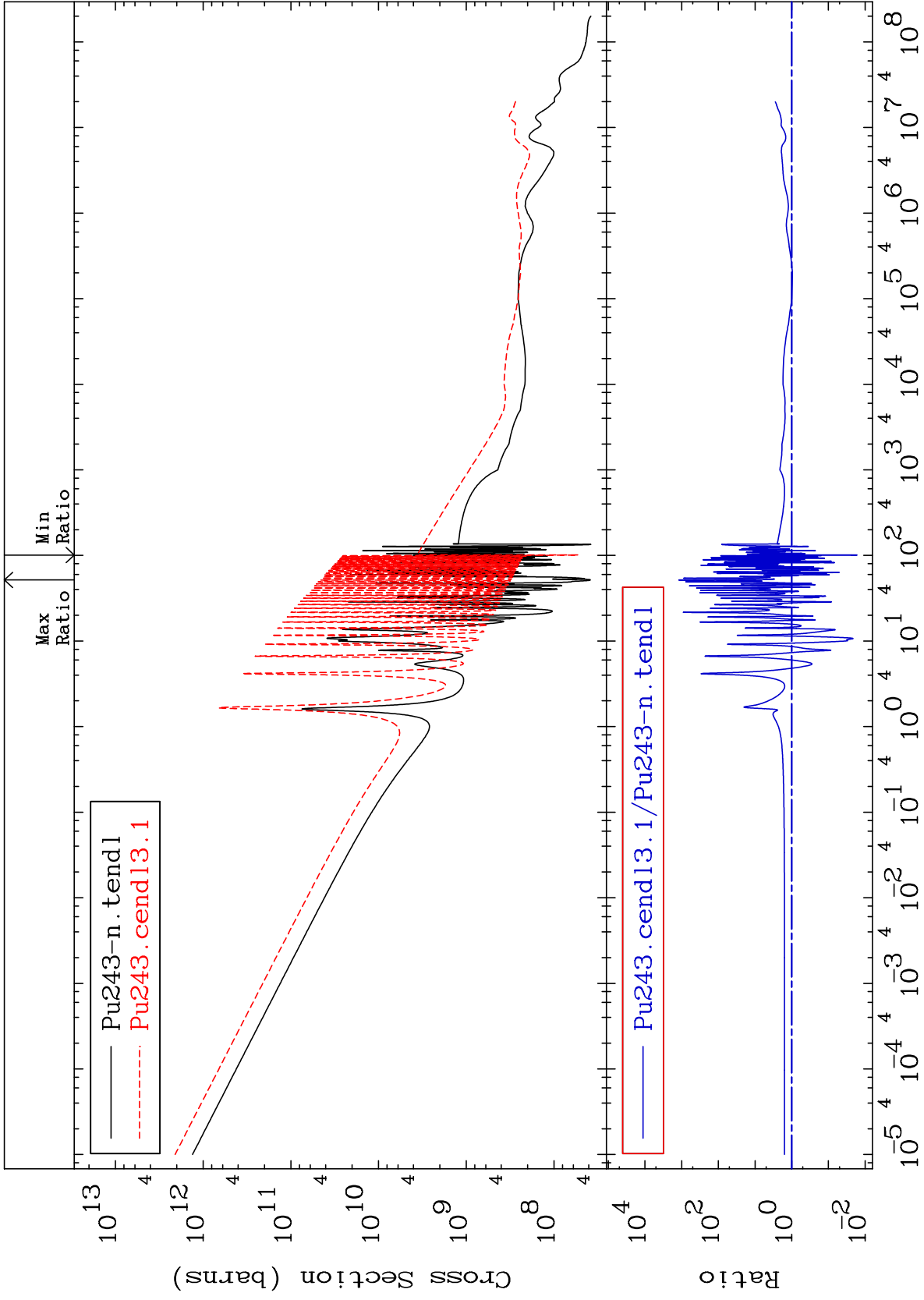
94-Pu-243
-51.81 To 336.3 %



41

Incident Energy (eV)

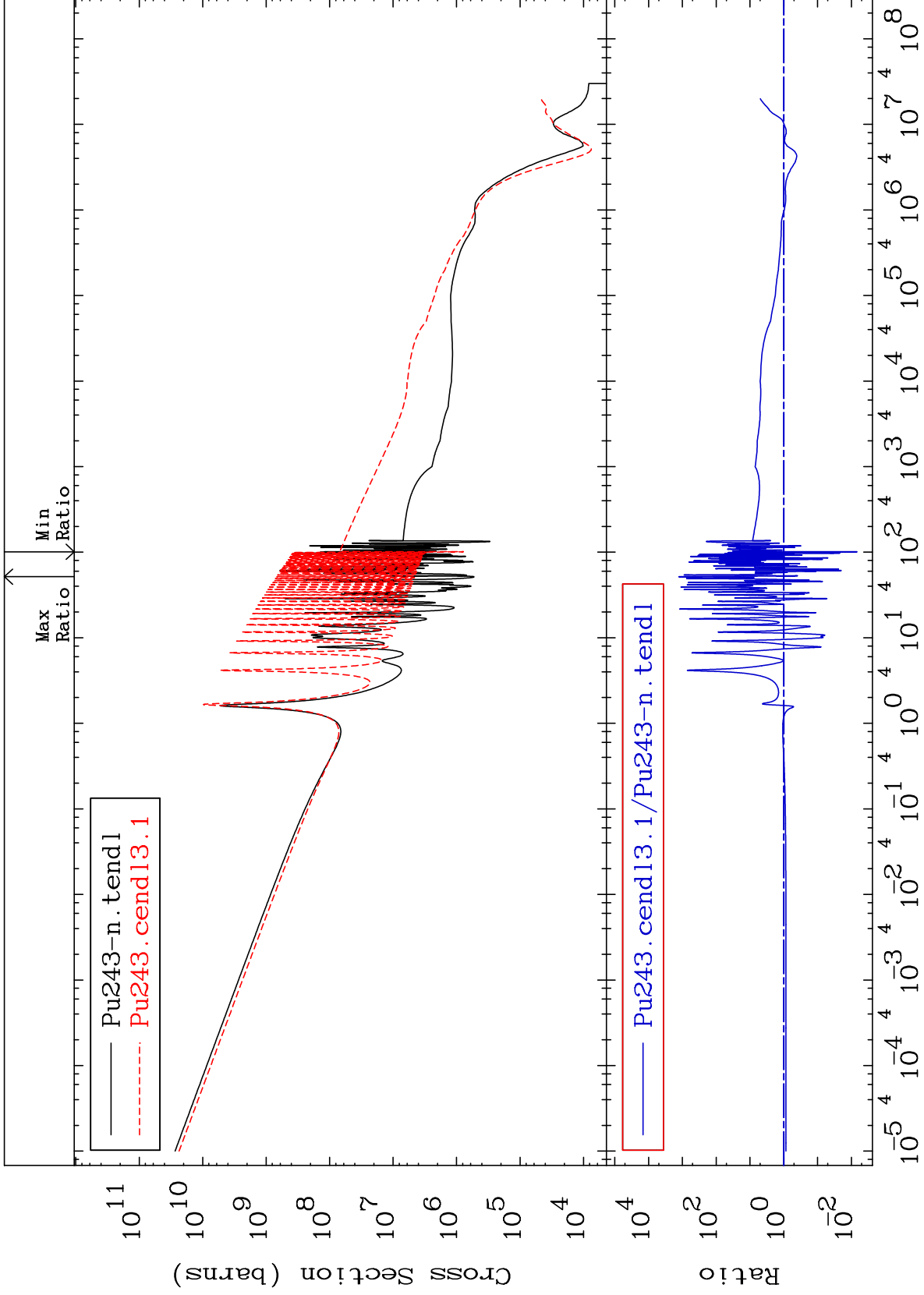
94-Pu-243

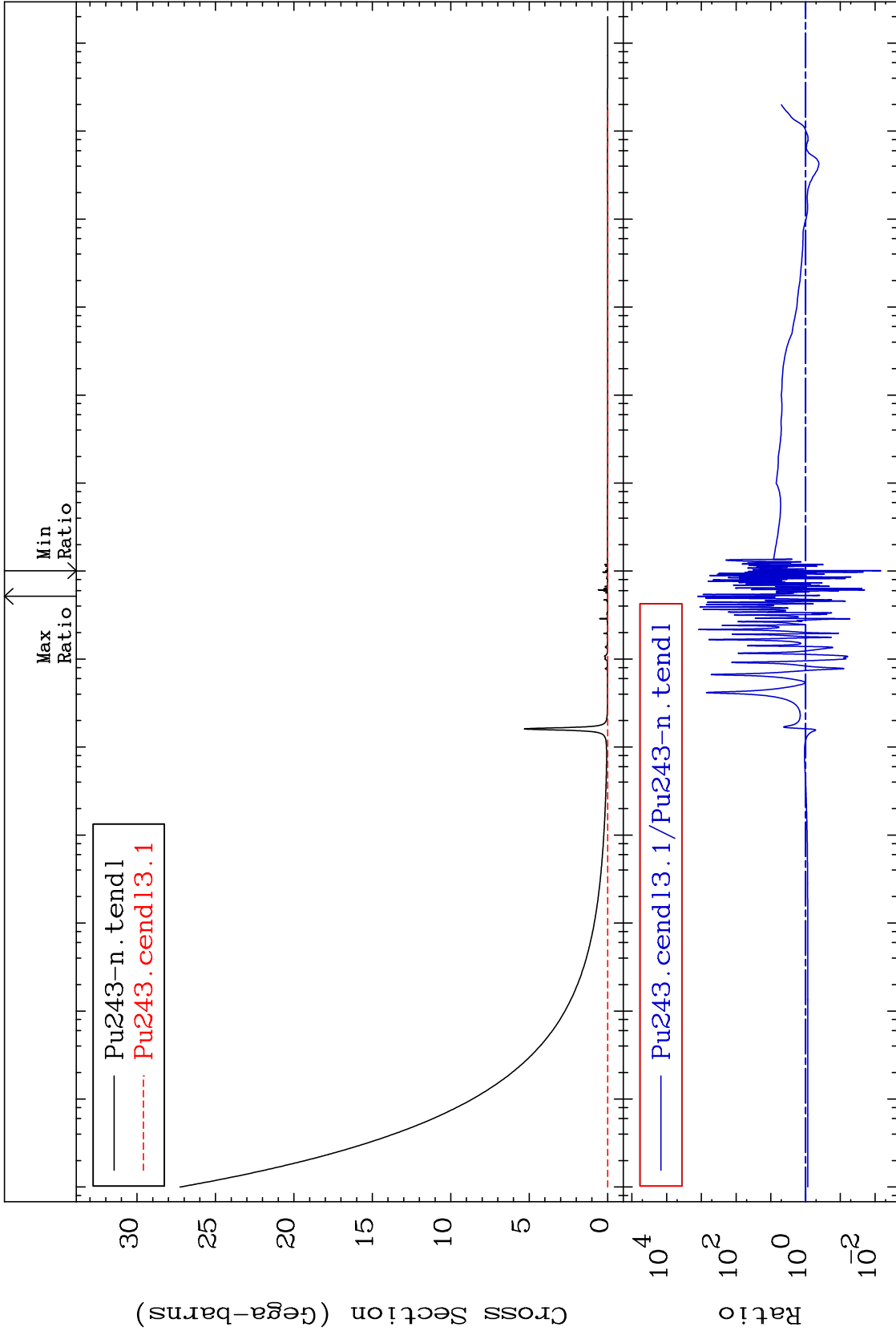


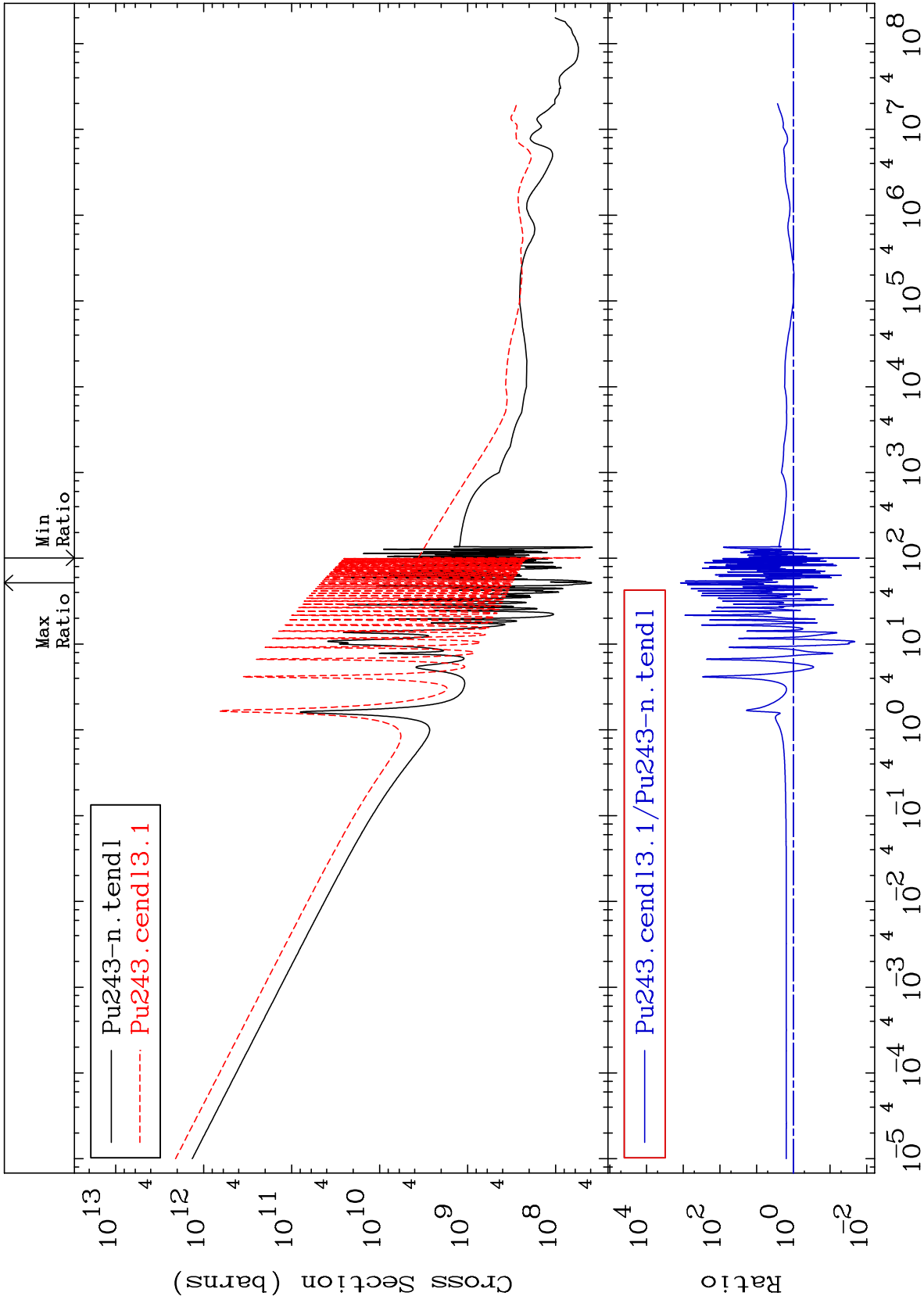
MAT 9449

Kerma capture (mt102)
Cross Section

94-Pu-243
-99.33 To 9999. %



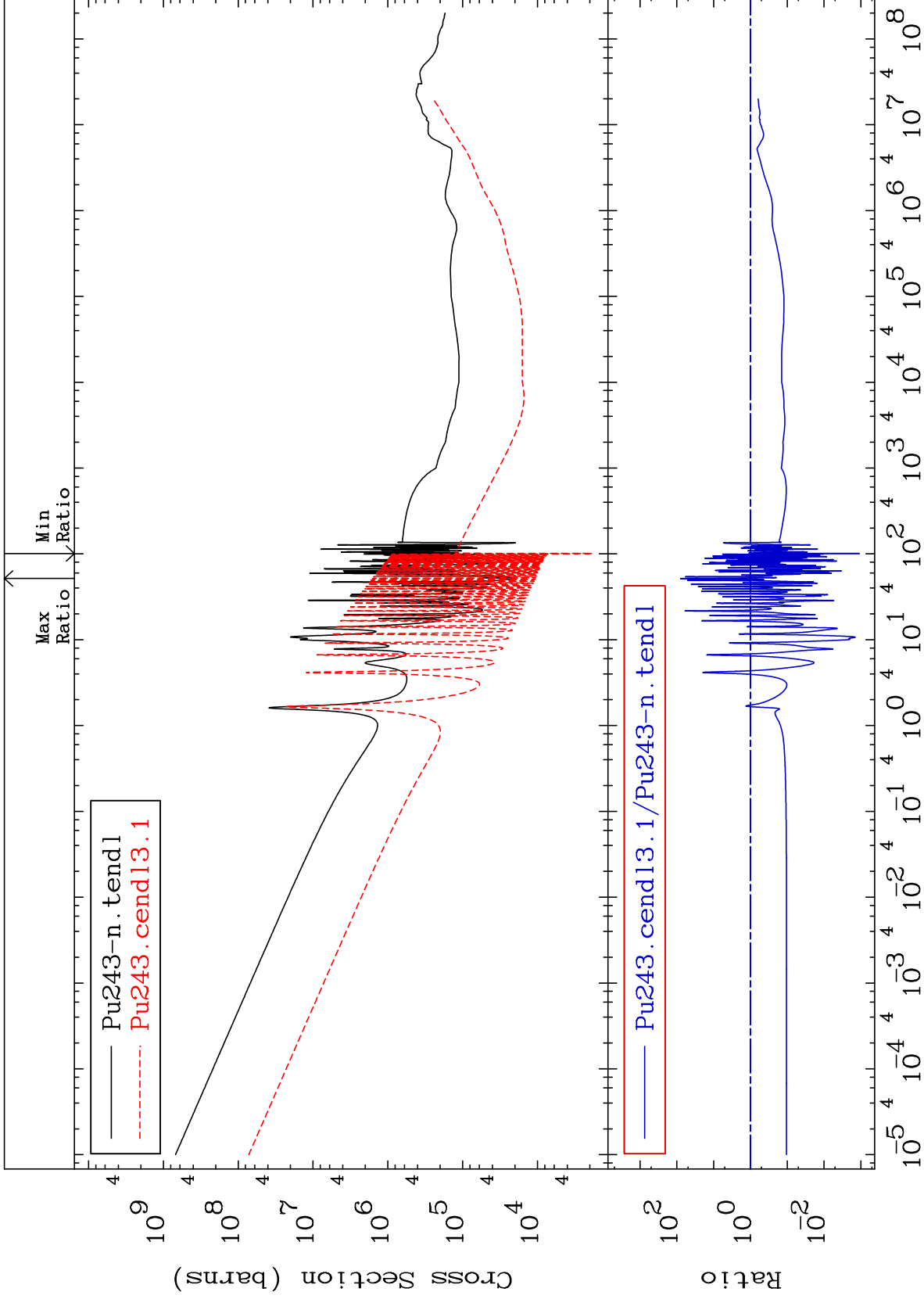




MAT 9449

Dpa total (eV-barns)
Cross Section

94-Pu-243
-99.89 To 7937. %



46

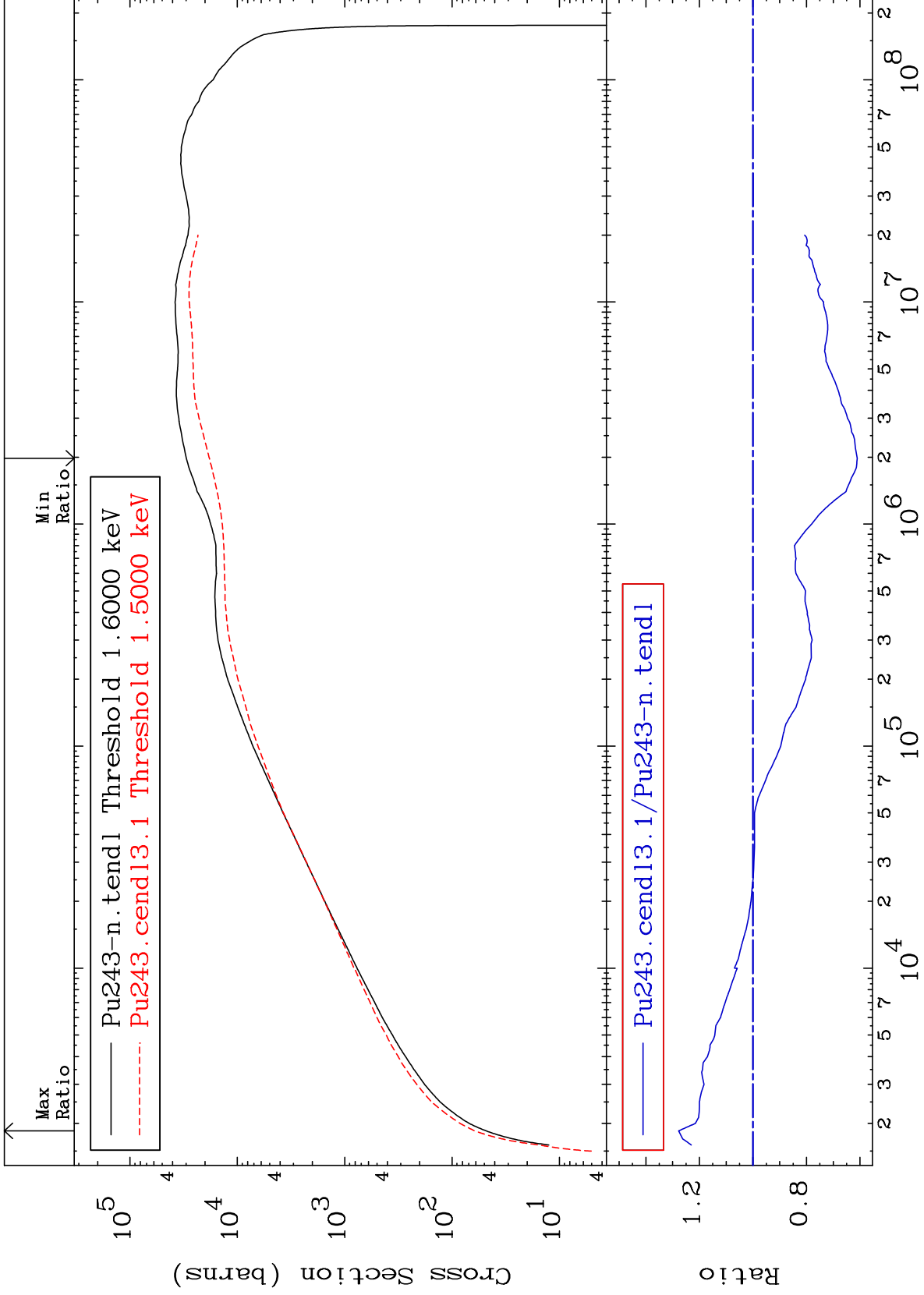
Incident Energy (eV)

94-Pu-243

MAT 9449

Dpa elastic (mt2)
Cross Section

94-Pu-243
-38.96 To 27.75 %



MAT 9449

Dpa inelastic (mt51-91)
Cross Section

94-Pu-243
-57.55 To 1859. %

