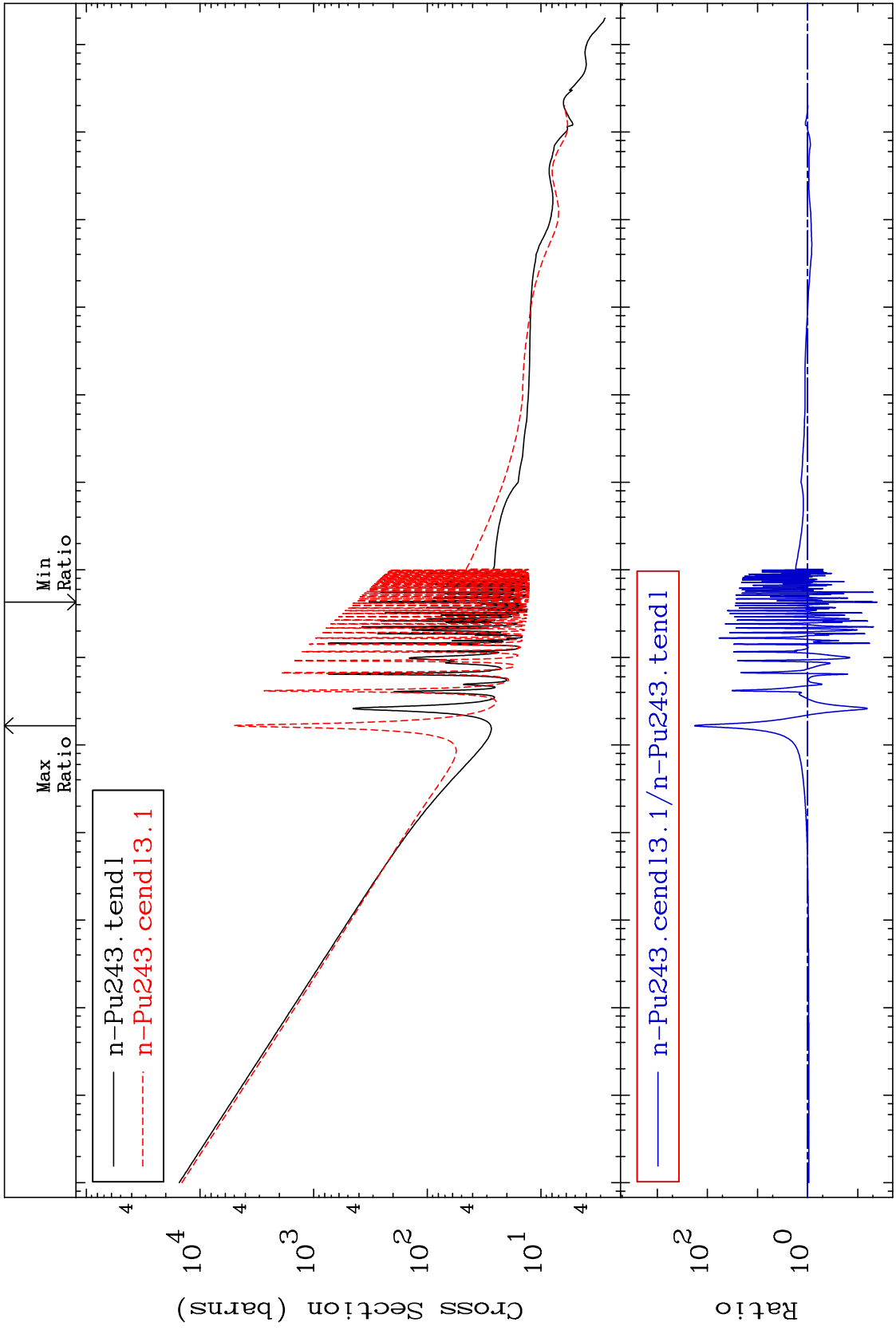


MAT 9449

Total
Cross Section

94-Pu-243
-95.91 To 9999. %



Incident Energy (eV)

94-Pu-243

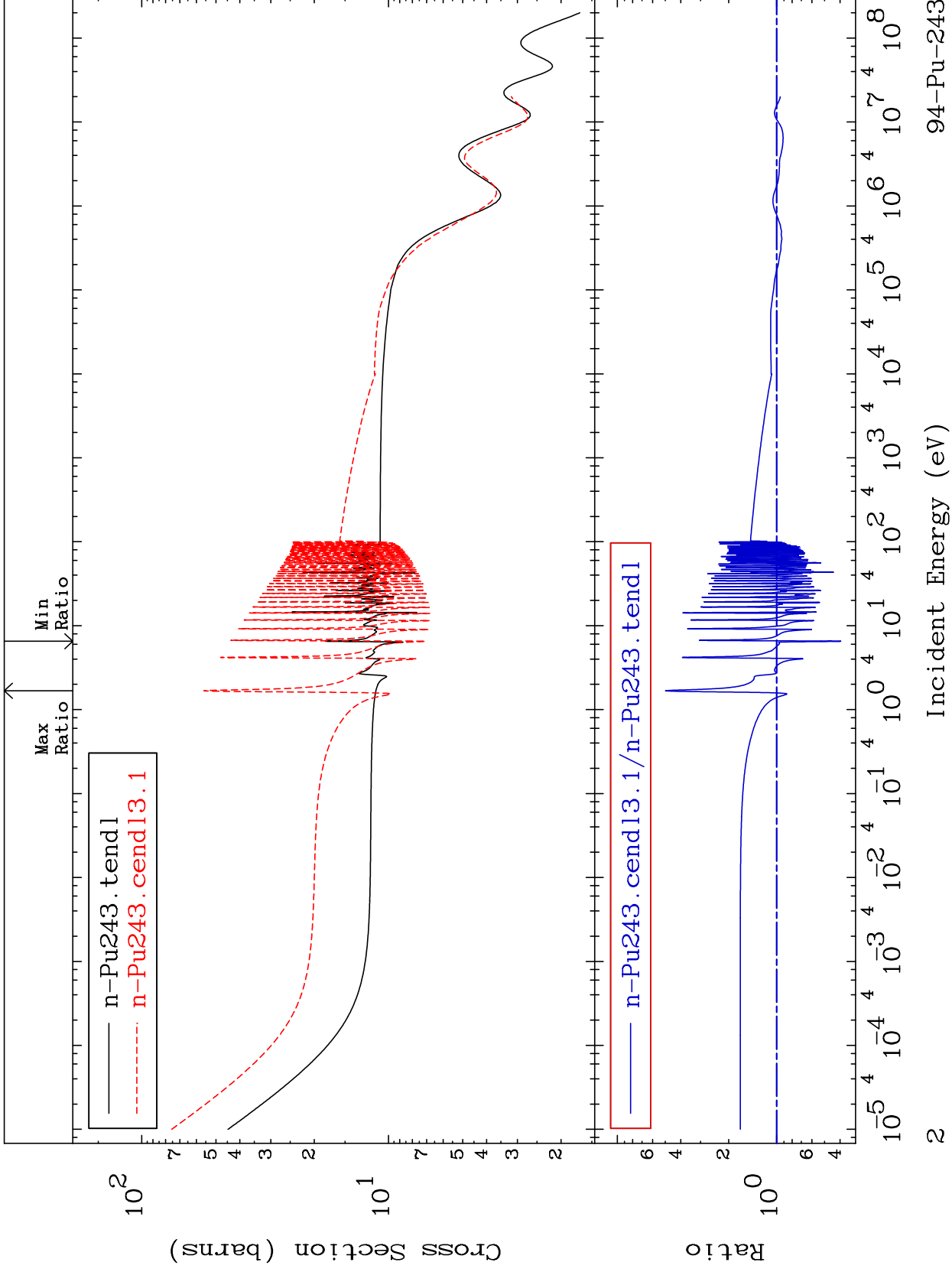
MAT 9449

Elastic

94-Pu-243

Cross Section

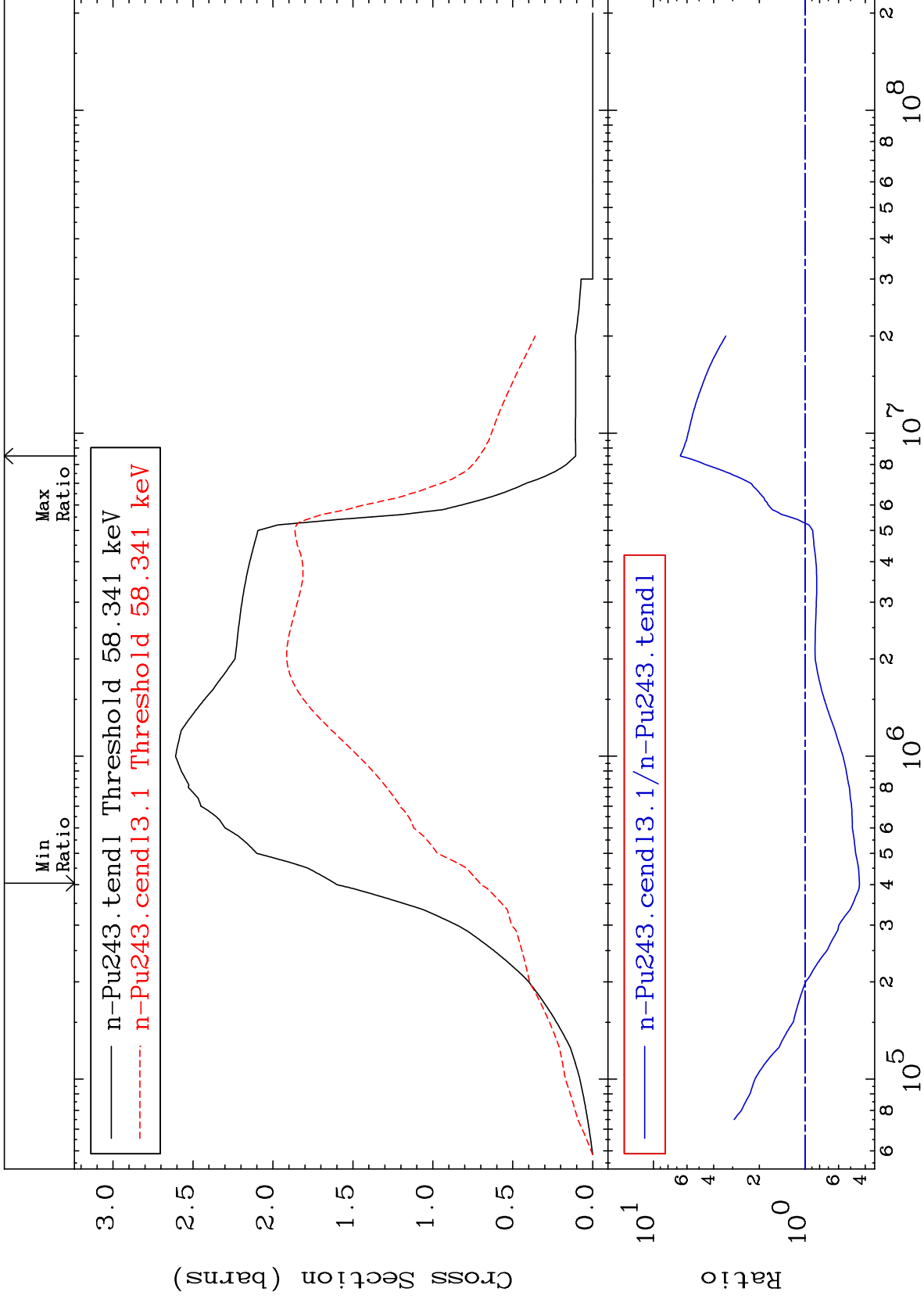
-60.37 To 397.9 %



MAT 9449

Inelastic
Cross Section

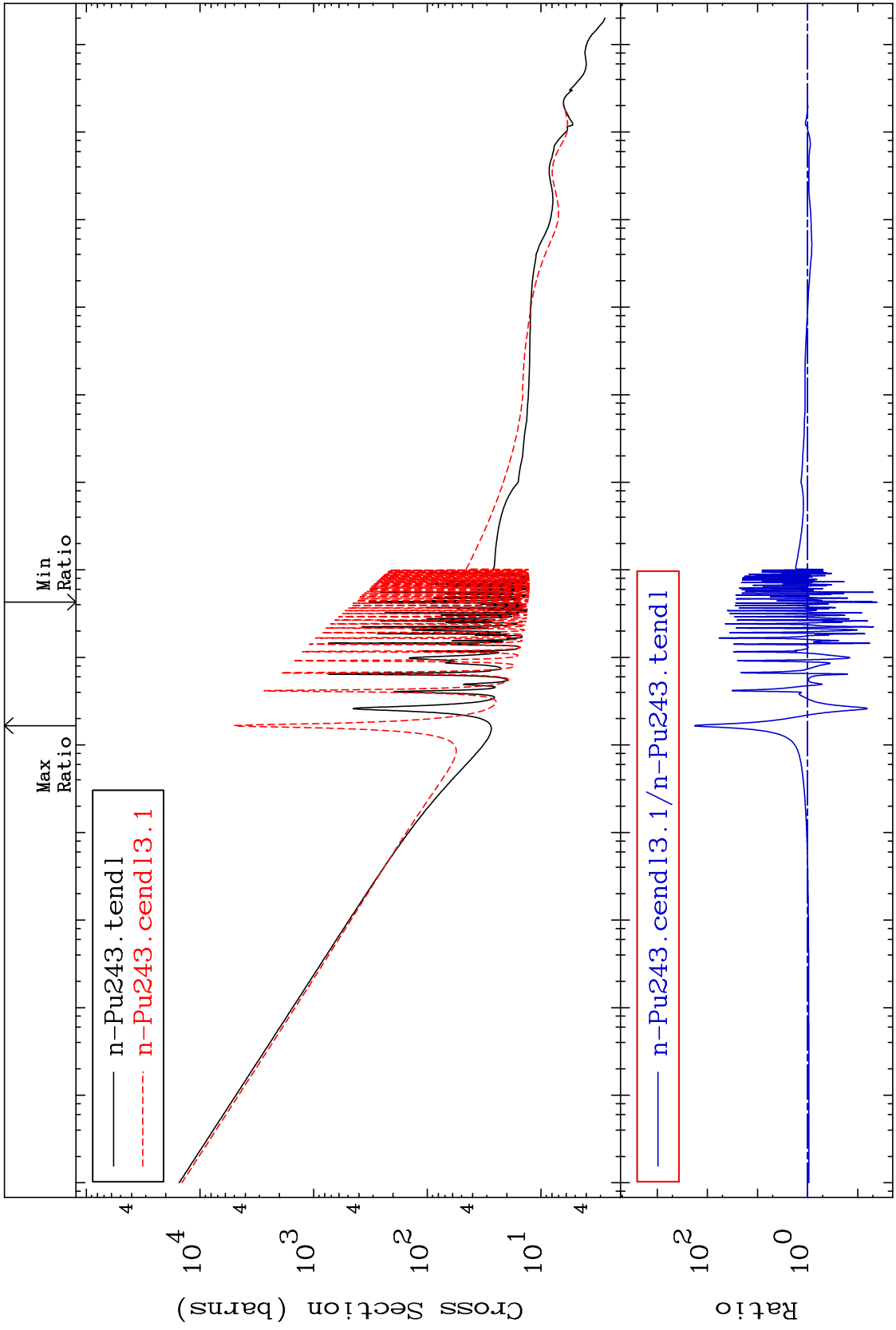
94-Pu-243
-56.27 To 563.4 %



MAT 9449

Total
Cross Section

94-Pu-243
-95.91 To 9999. %



Incident Energy (eV)

94-Pu-243

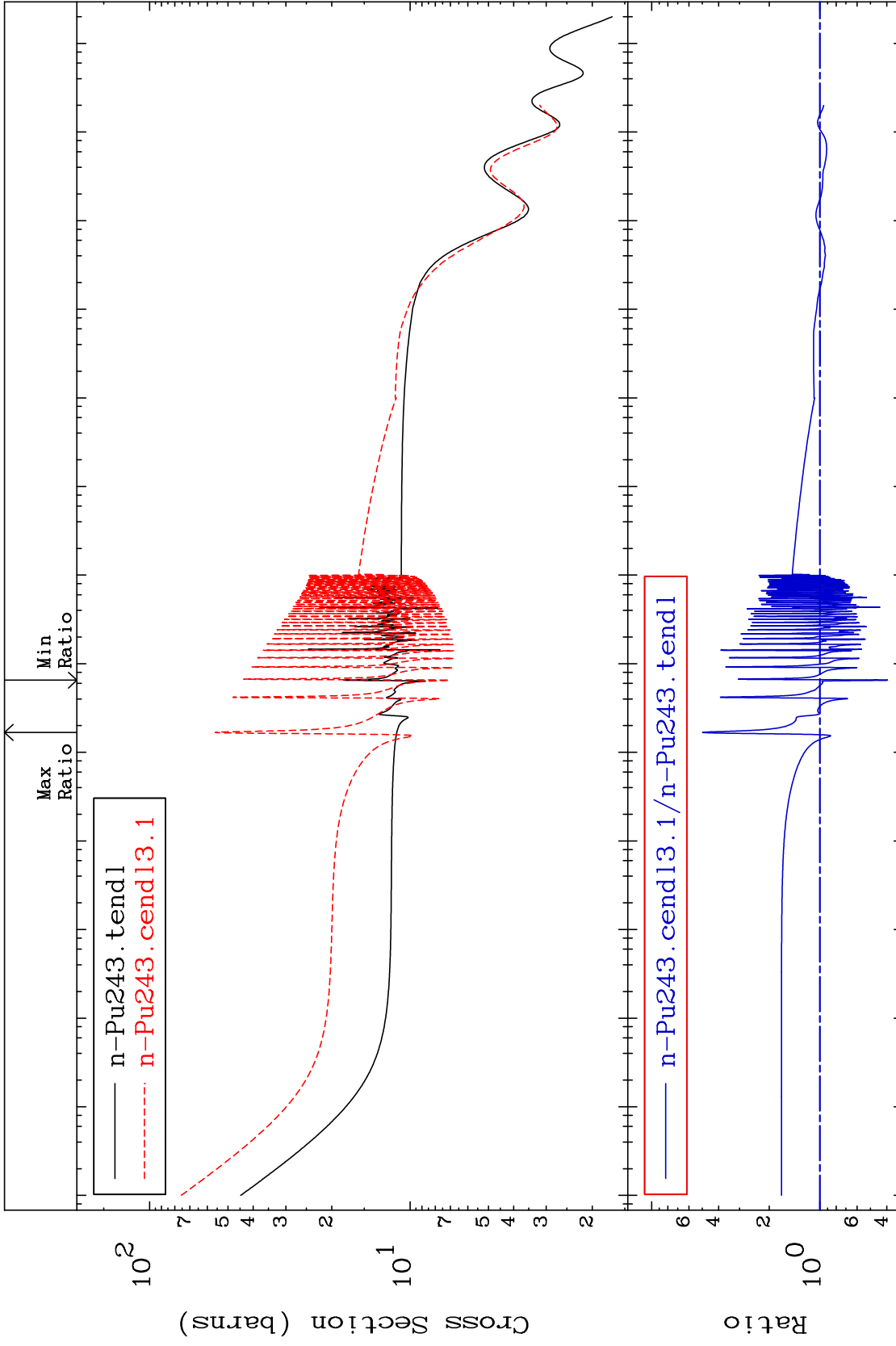
MAT 9449

Elastic

94-Pu-243

Cross Section

-60.37 To 397.9 %



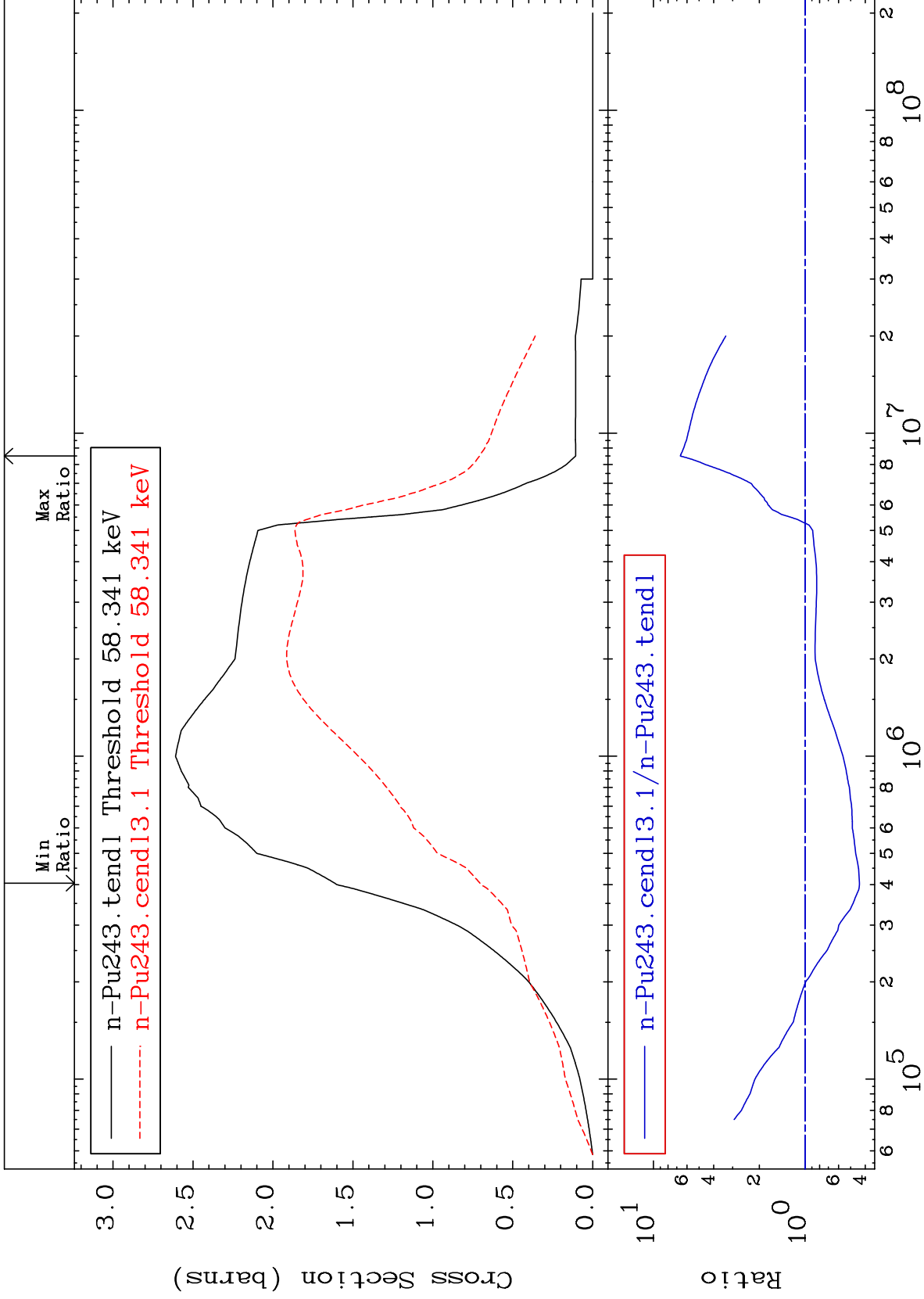
Incident Energy (eV)

94-Pu-243

MAT 9449

Inelastic
Cross Section

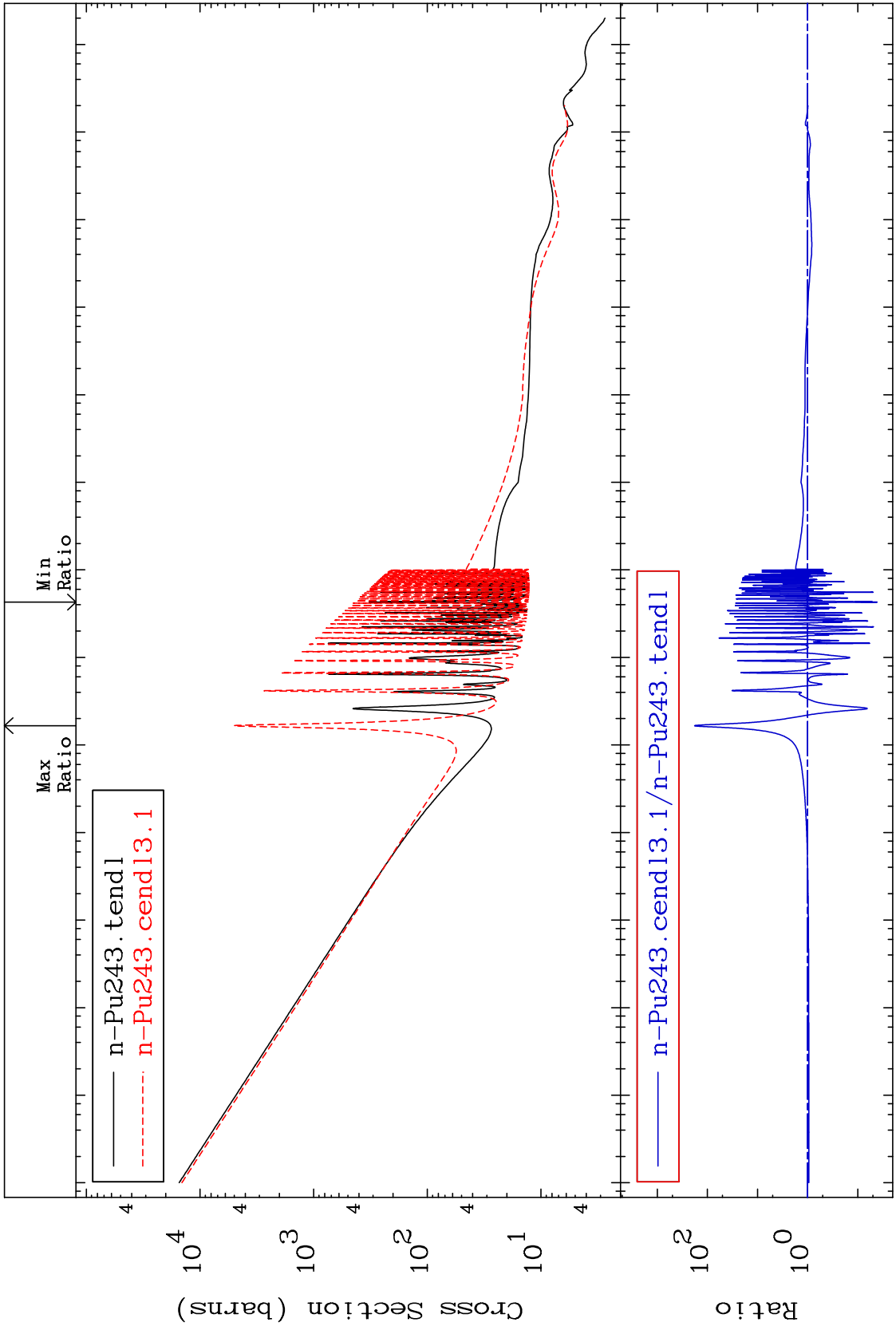
94-Pu-243
-56.27 To 563.4 %



MAT 9449

Total
Cross Section

94-Pu-243
-95.91 To 9999. %



Incident Energy (eV)

94-Pu-243

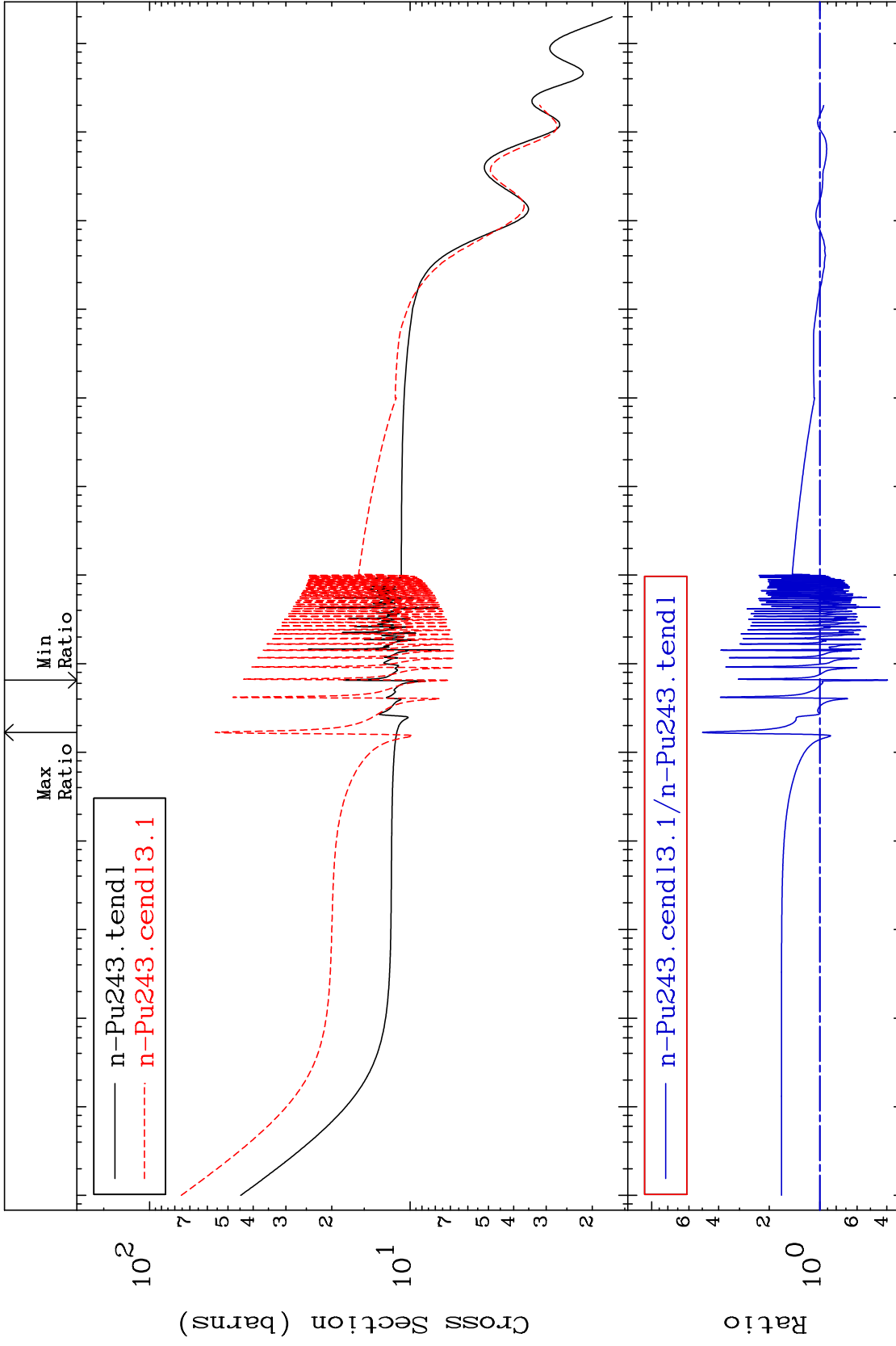
MAT 9449

Elastic

94-Pu-243

Cross Section

-60.37 To 397.9 %



— n-Pu243.tendl
- - - n-Pu243.cendl3.1

— n-Pu243.cendl3.1/n-Pu243.tendl

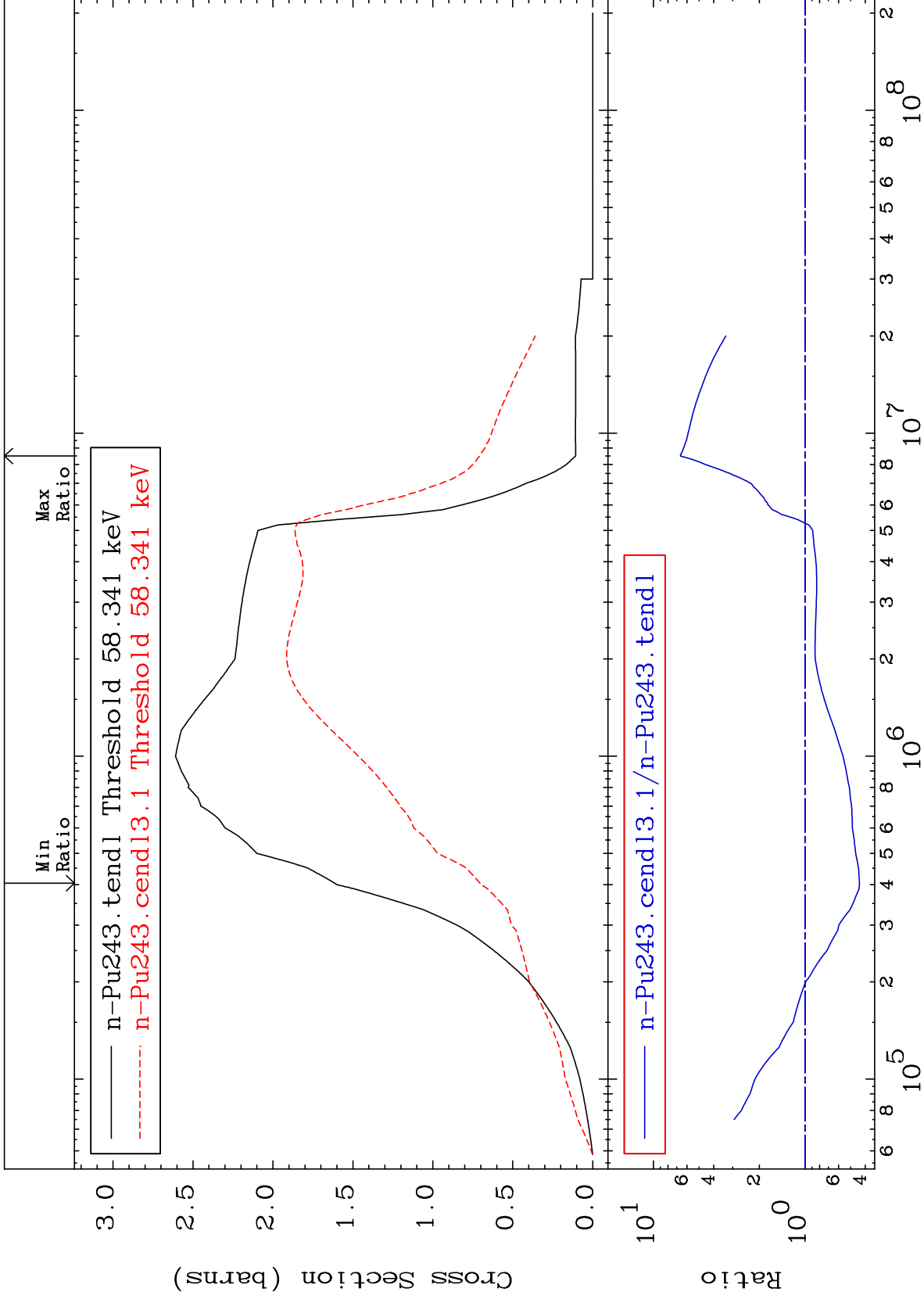
Incident Energy (eV)

94-Pu-243

MAT 9449

Inelastic
Cross Section

94-Pu-243
-56.27 To 563.4 %



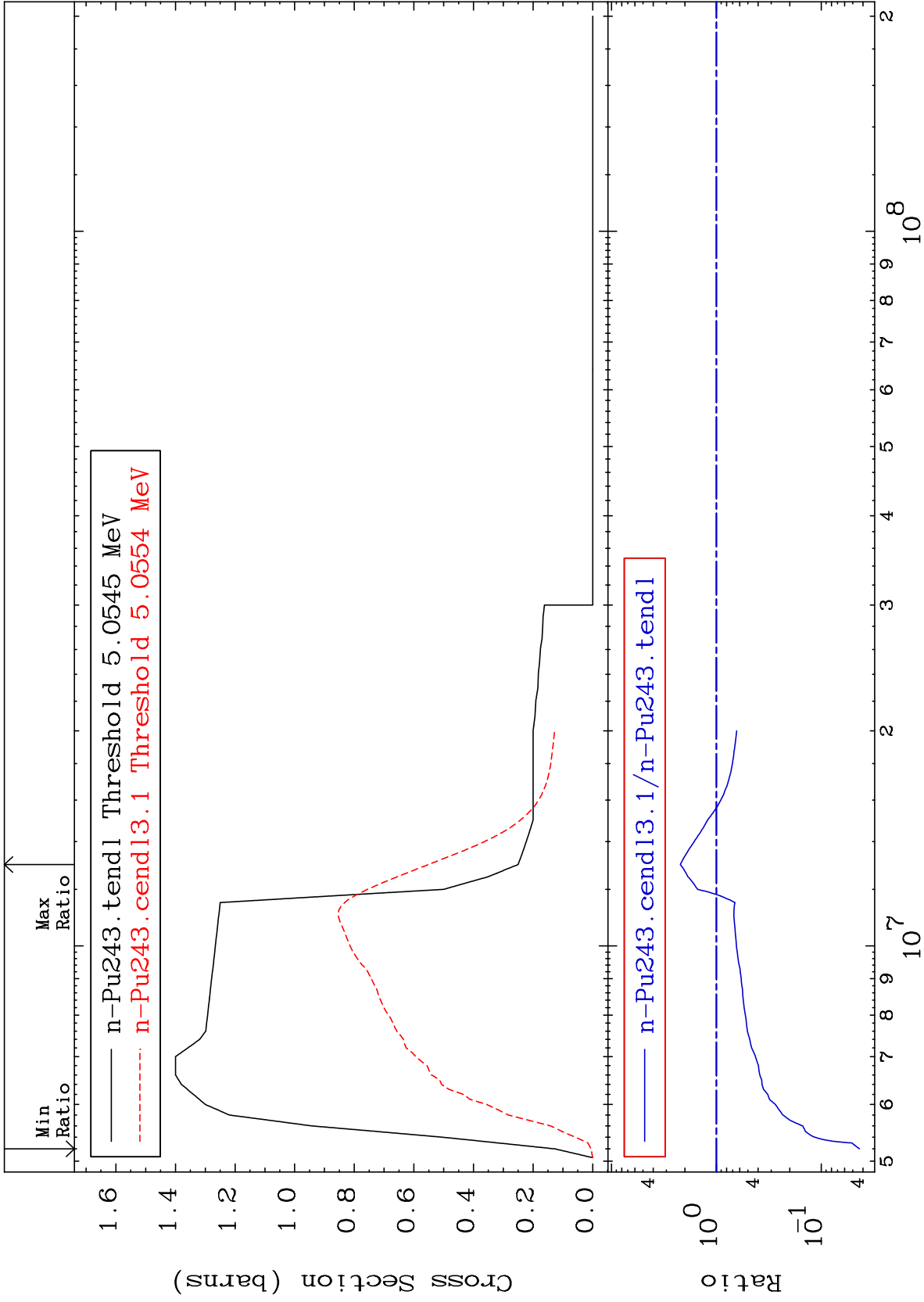
MAT 9449

(n,2n)

94-Pu-243

Cross Section

-95.67 To 120.5 %



4

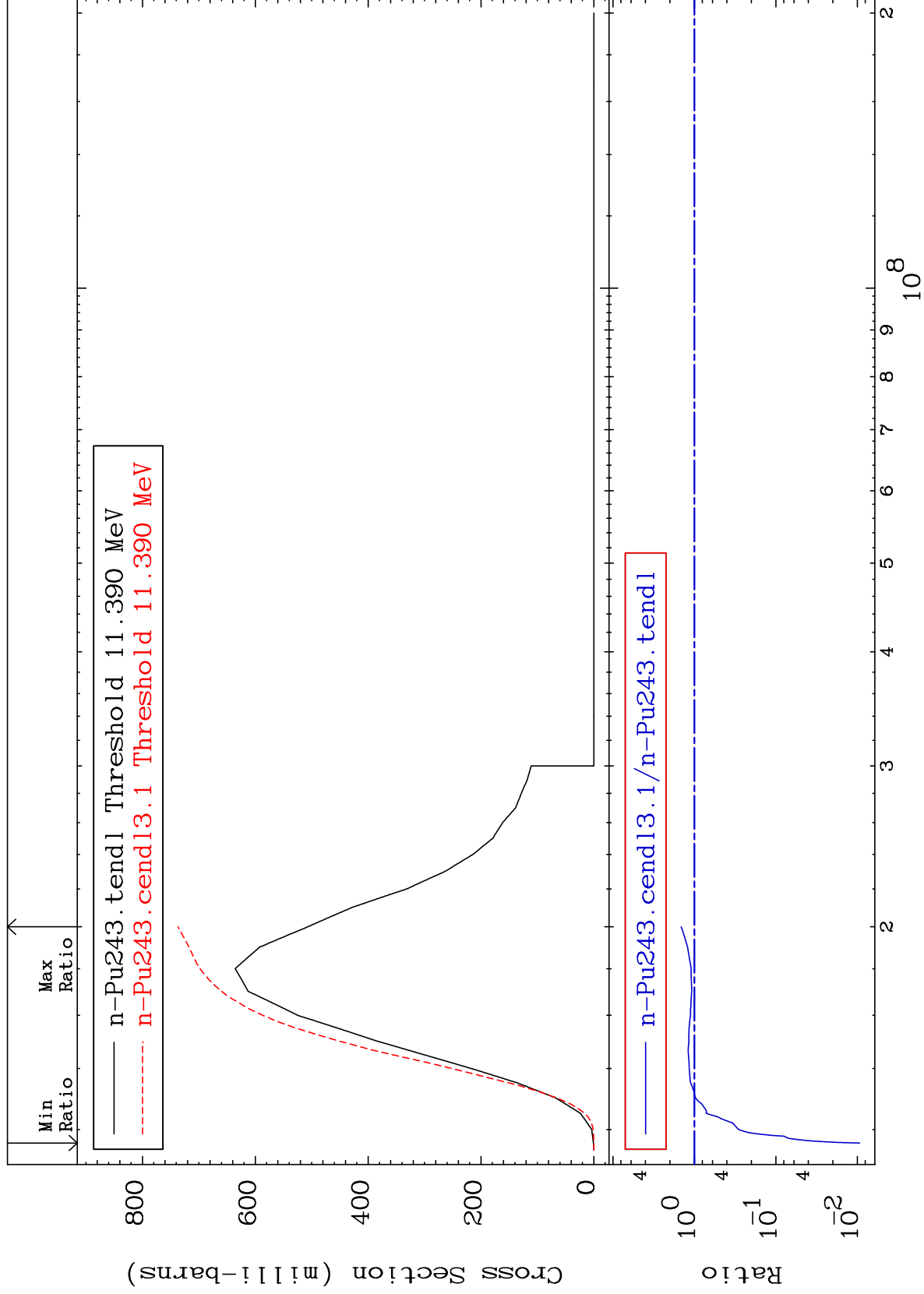
Incident Energy (eV)

94-Pu-243

MAT 9449

(n,3n)
Cross Section

94-Pu-243
-99.06 To 45.35 %

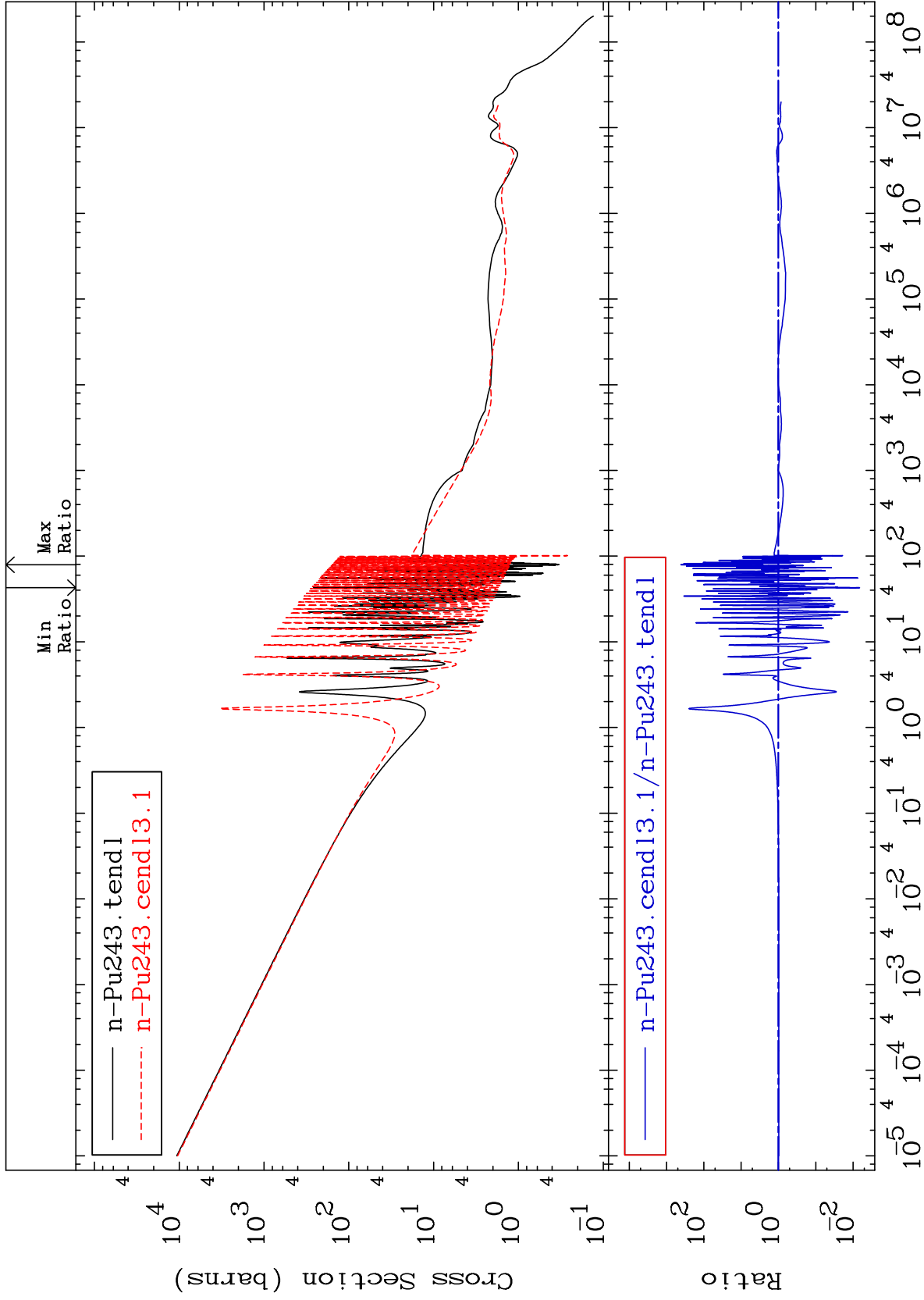


MAT 9449

94-Pu-243

-99.33 To 9999. %

Fission
Cross Section



6

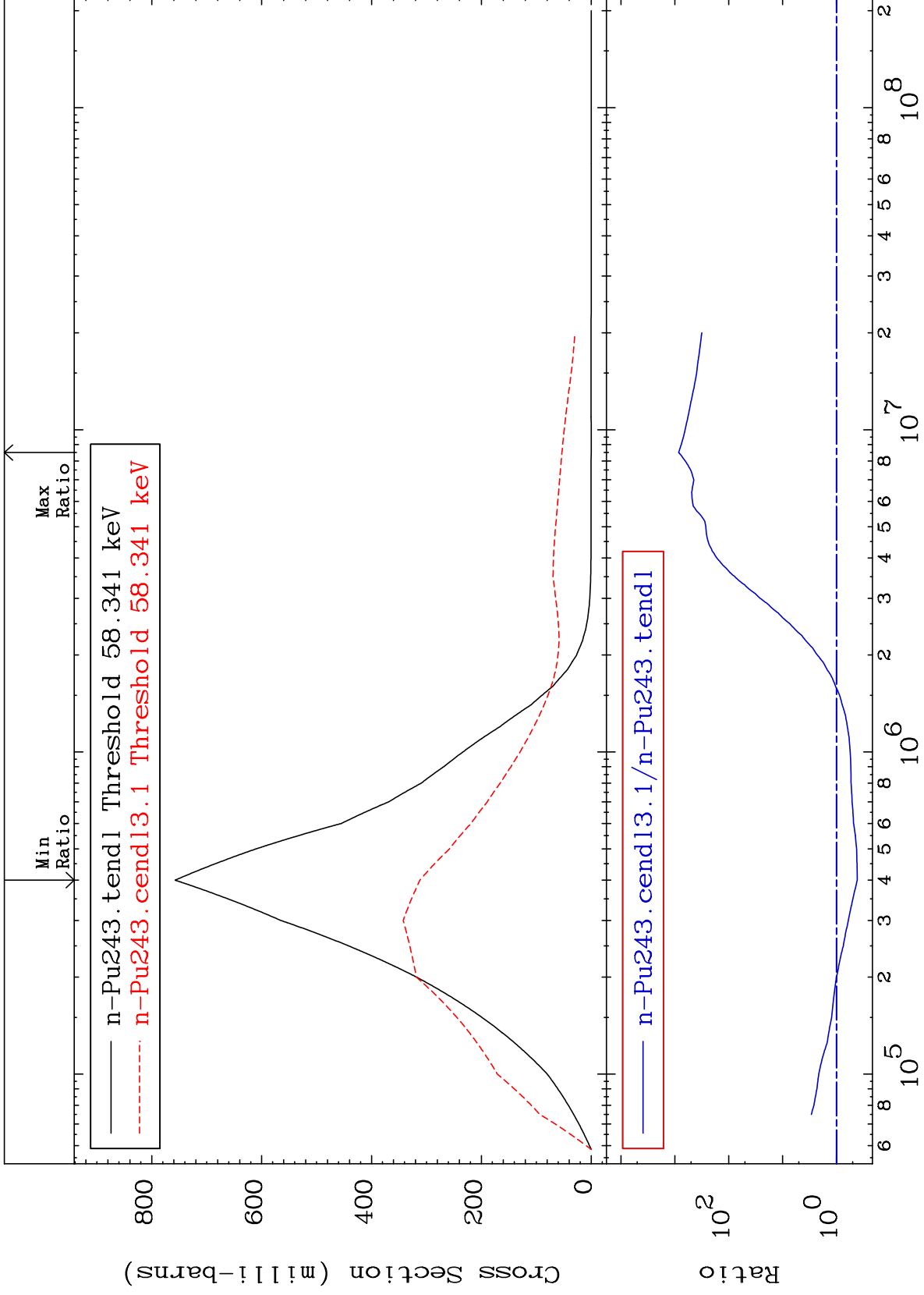
Incident Energy (eV)

94-Pu-243

MAT 9449

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

94-Pu-243
-58.85 To 9999. %



7

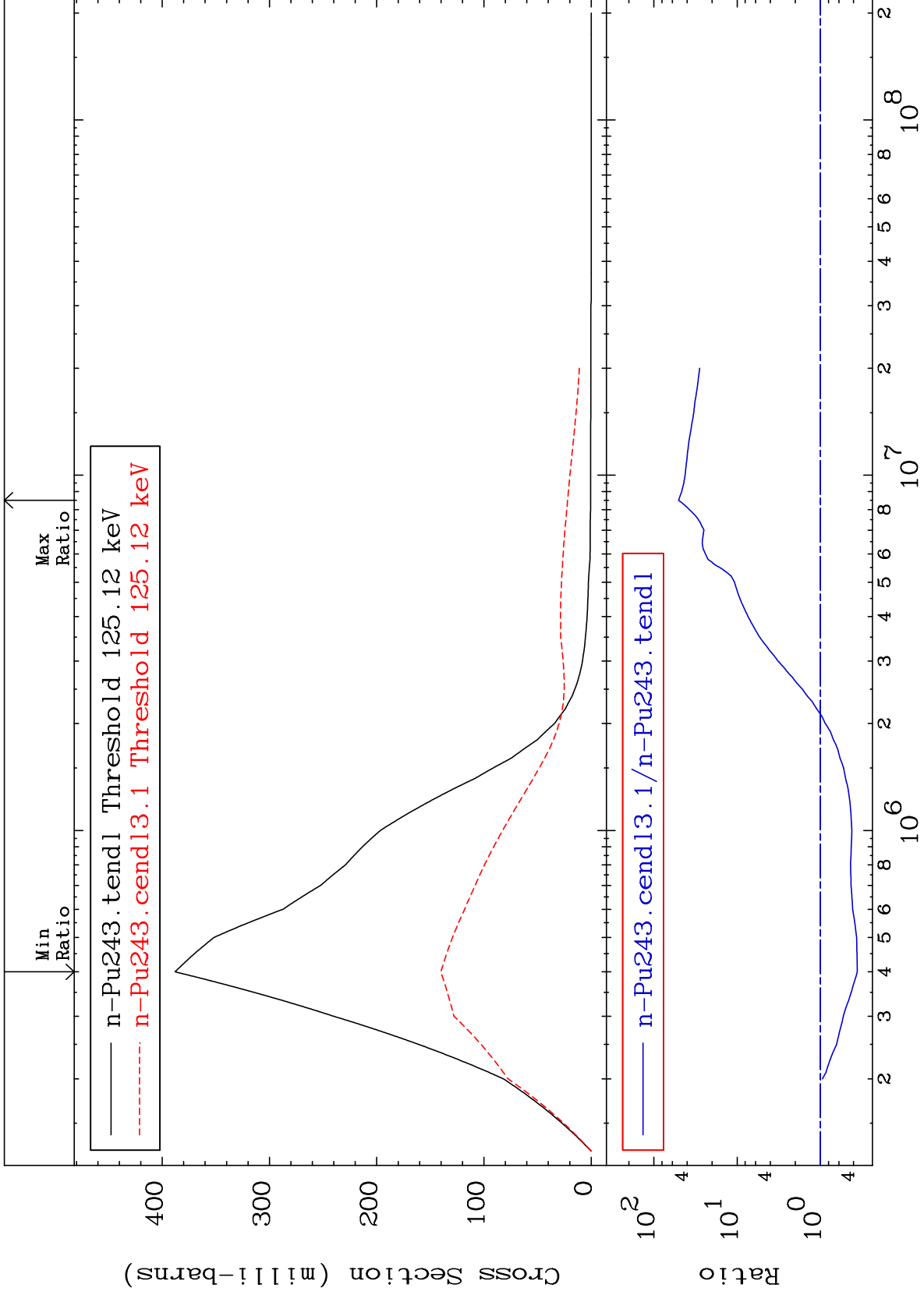
Incident Energy (eV)

94-Pu-243

MAT 9449

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

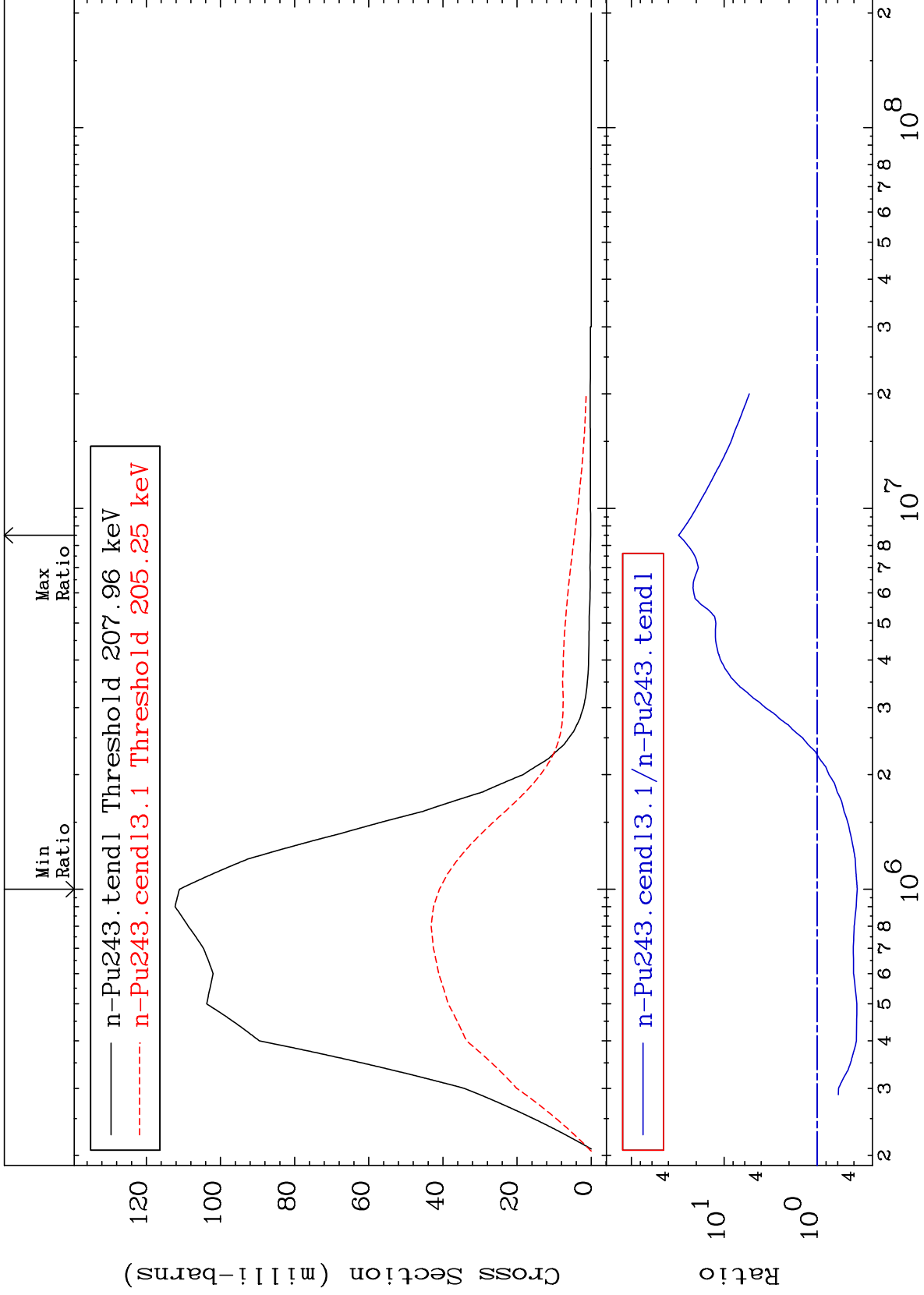
94-Pu-243
-63.87 To 4945. %



MAT 9449

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

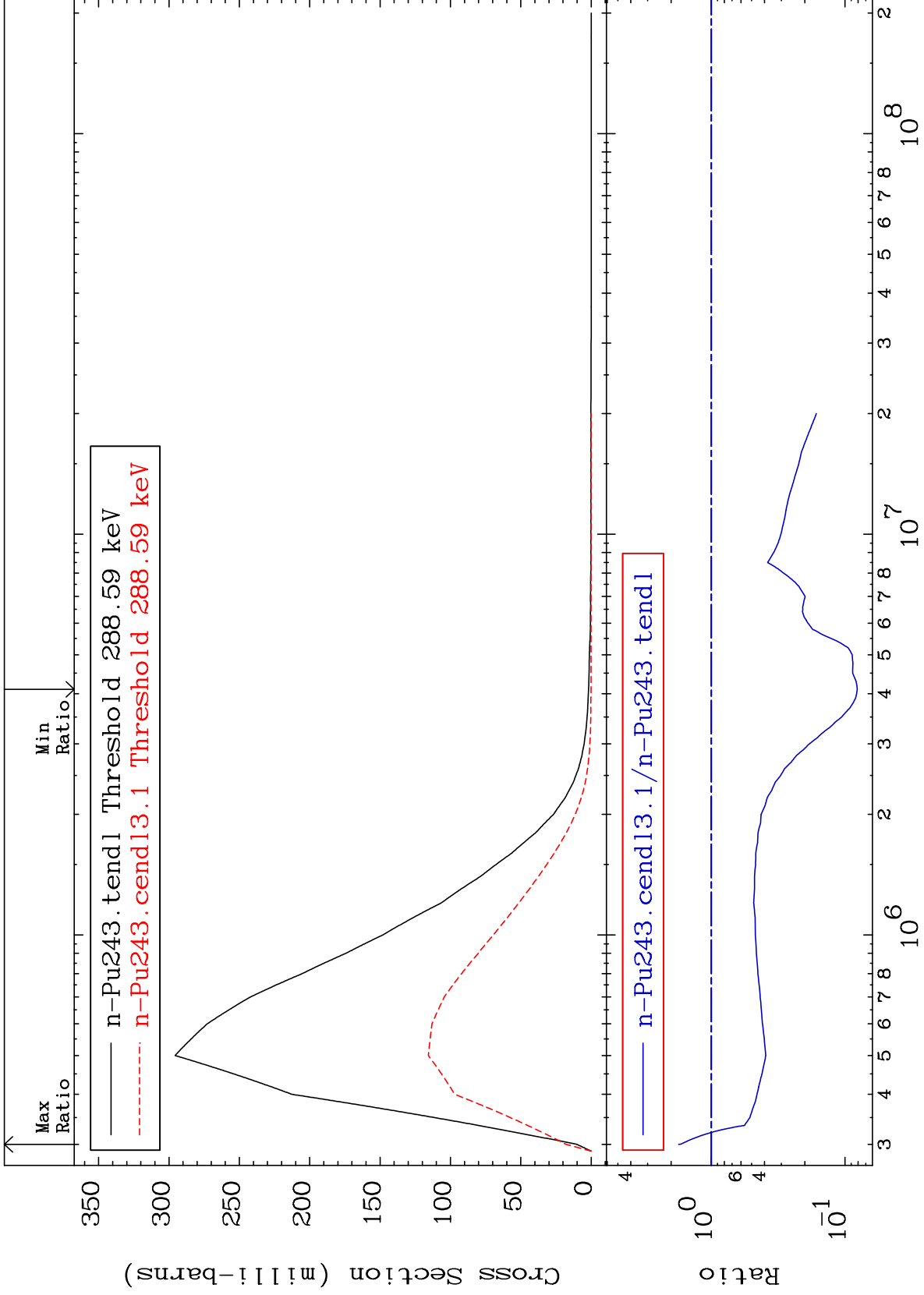
94-Pu-243
-63.15 To 2996. %



MAT 9449

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

94-Pu-243
-91.89 To 75.64 %



10

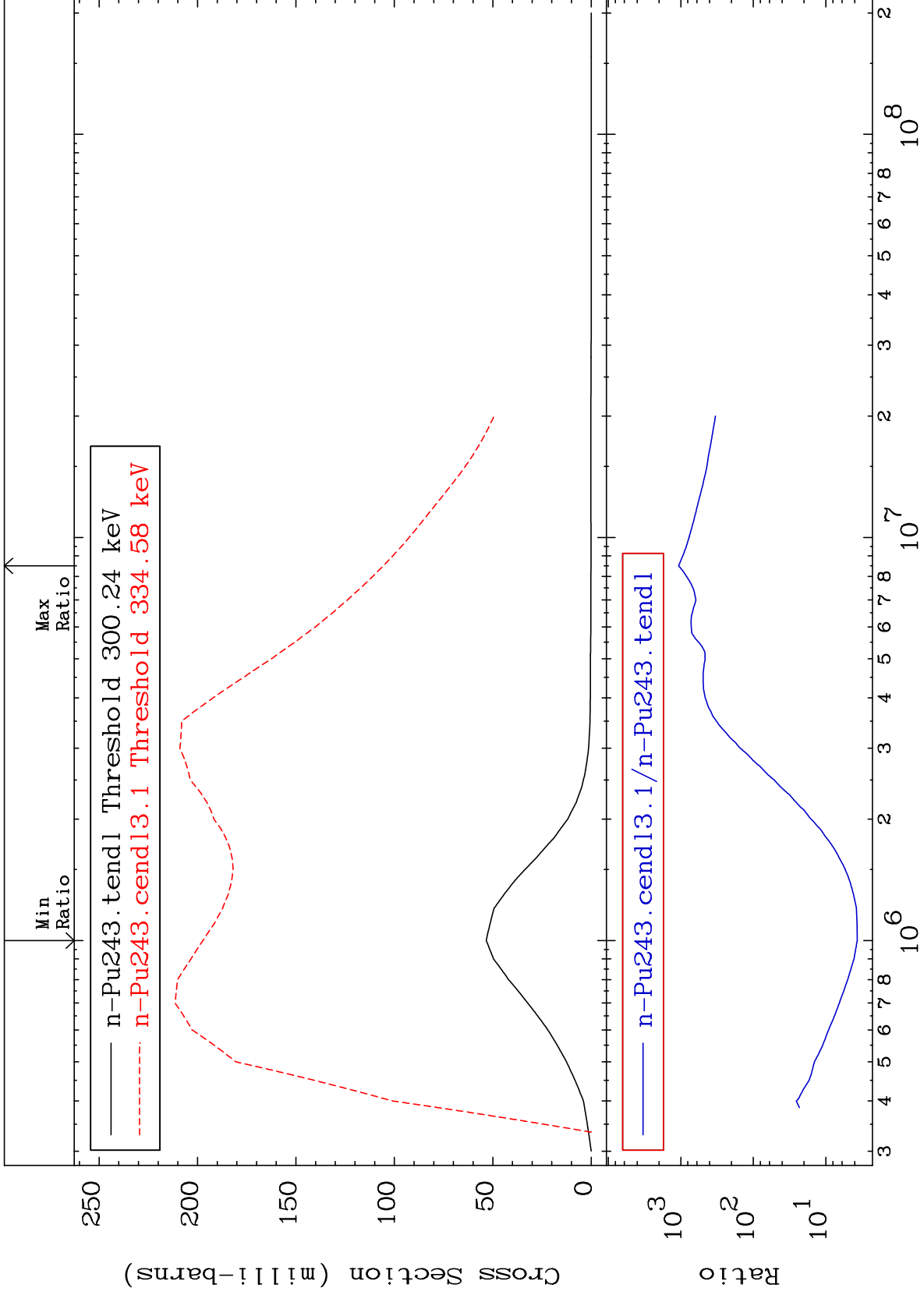
Incident Energy (eV)

94-Pu-243

MAT 9449

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

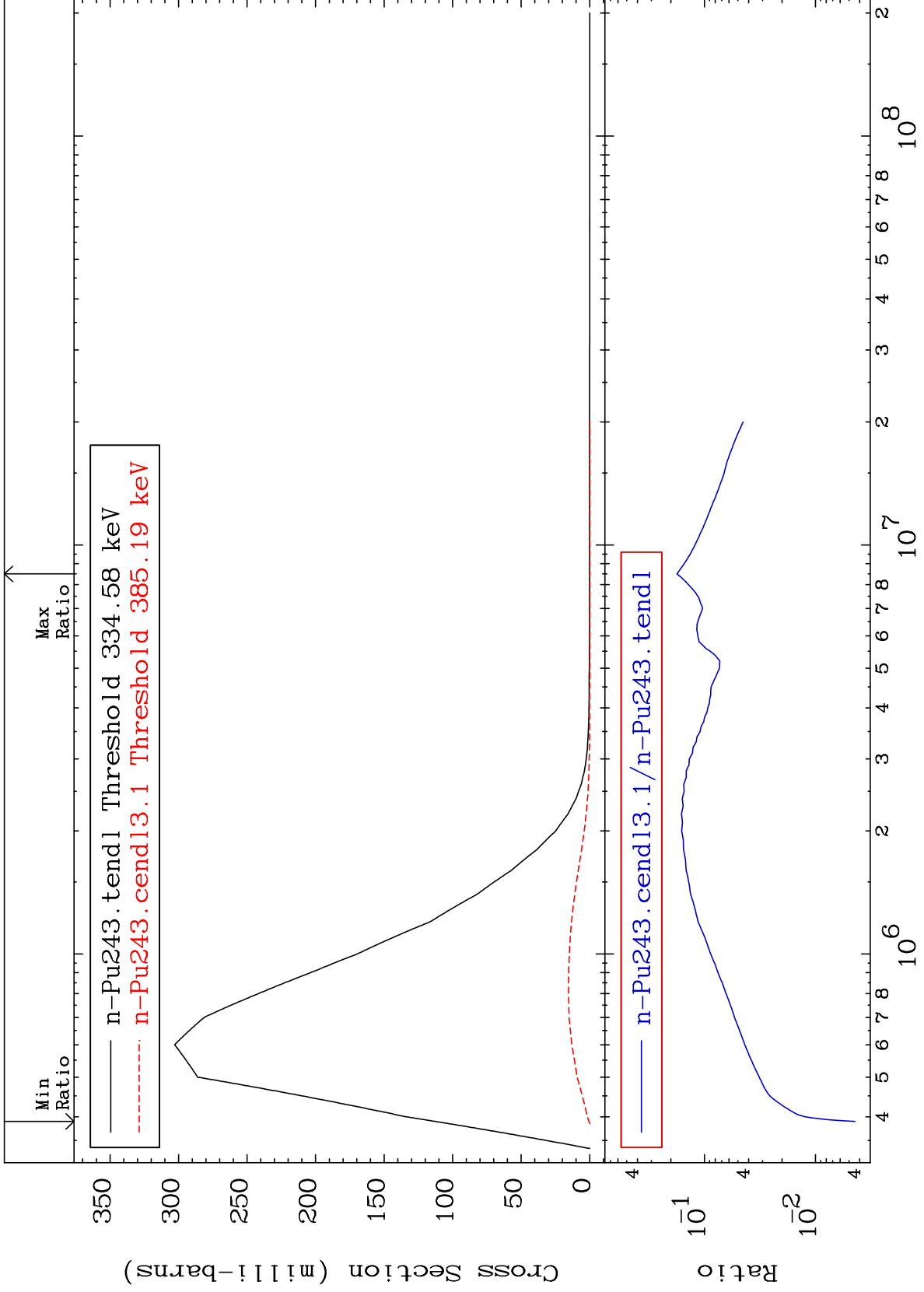
94-Pu-243
269.6 To 9999. %



MAT 9449

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

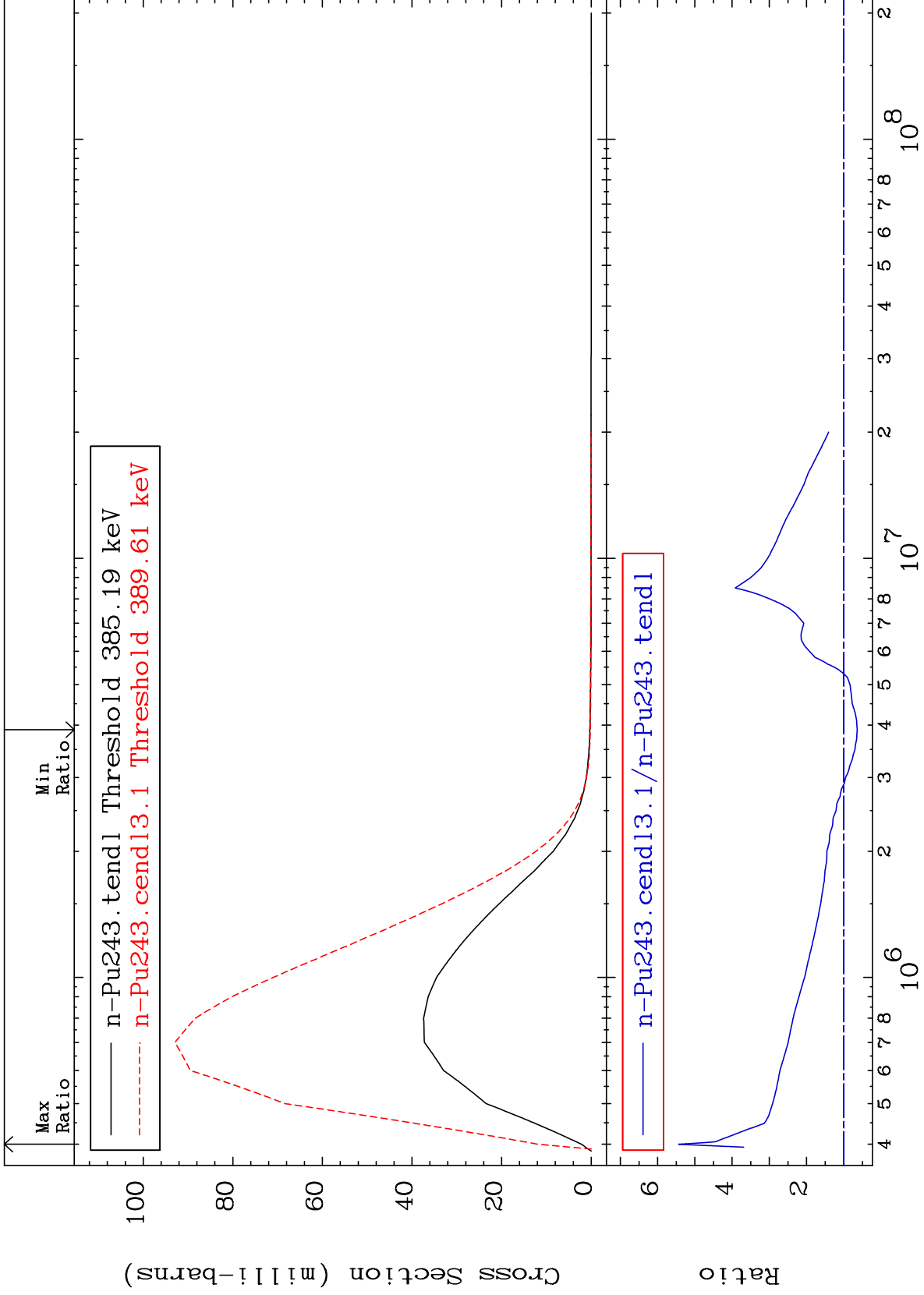
94-Pu-243
-99.56 To -82.33%



MAT 9449

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

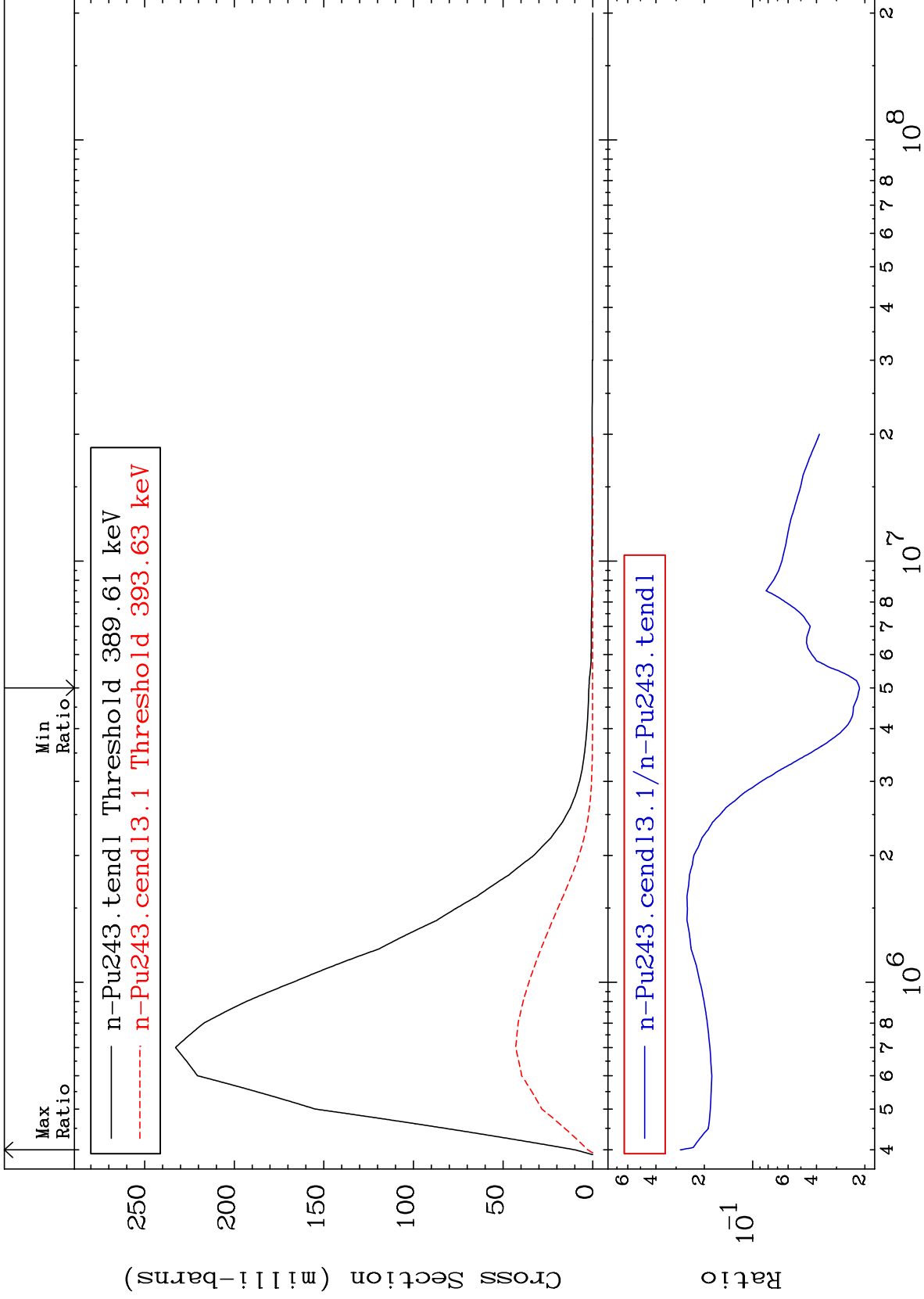
94-Pu-243
-36.06 To 443.5 %



MAT 9449

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

94-Pu-243
-97.84 To -71.80%



14

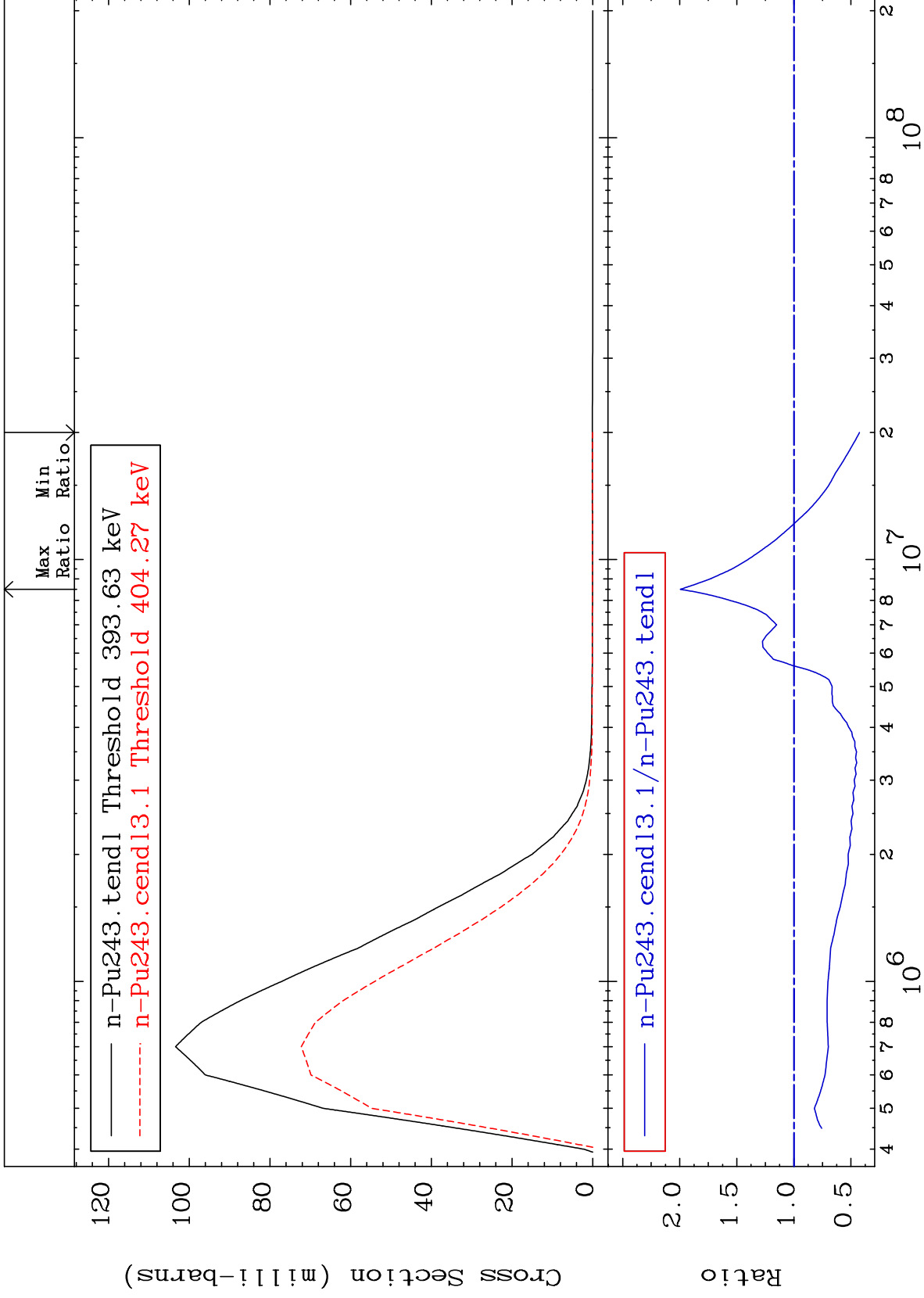
Incident Energy (eV)

94-Pu-243

MAT 9449

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

94-Pu-243
-57.43 To 99.47 %



15

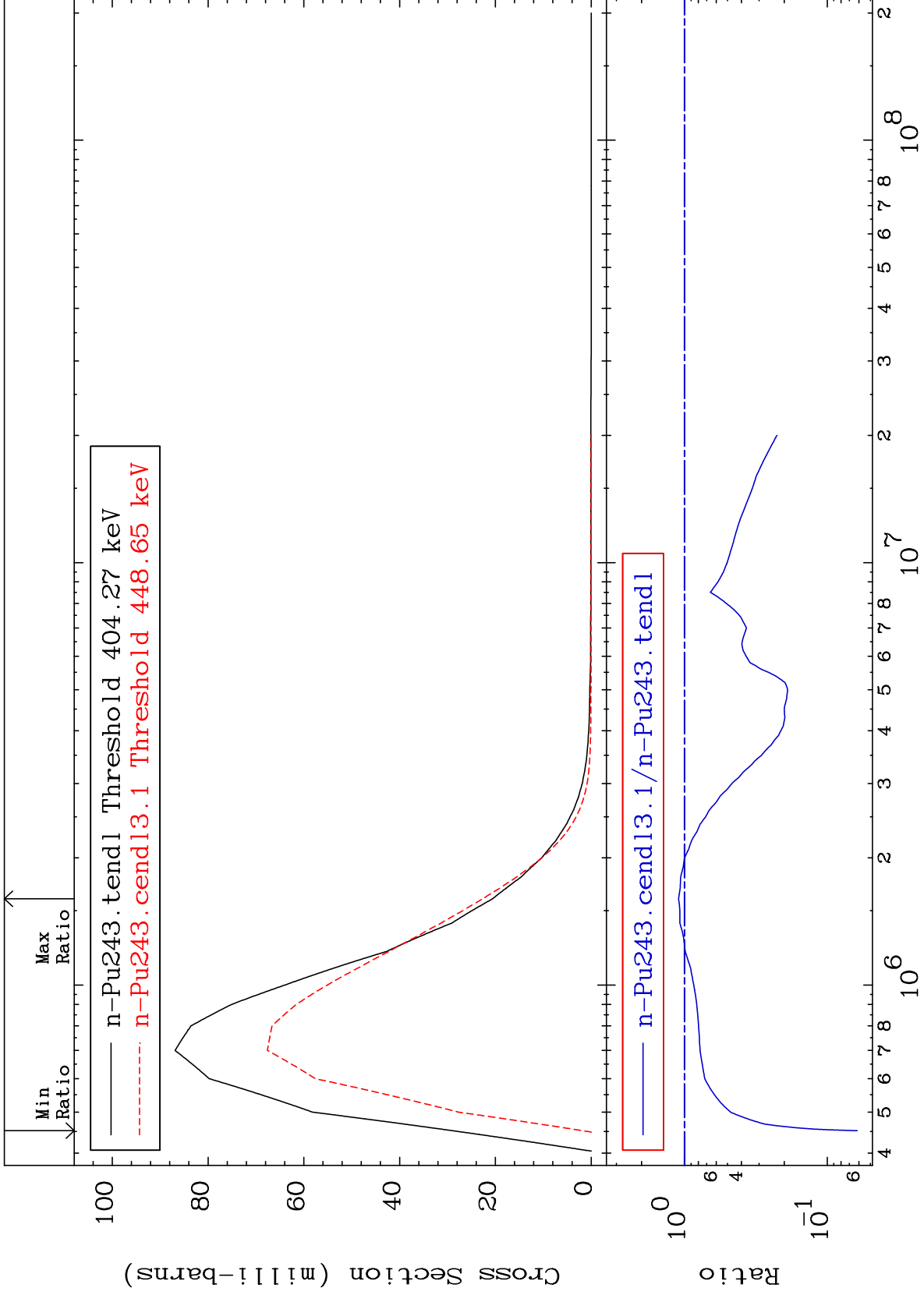
Incident Energy (eV)

94-Pu-243

MAT 9449

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

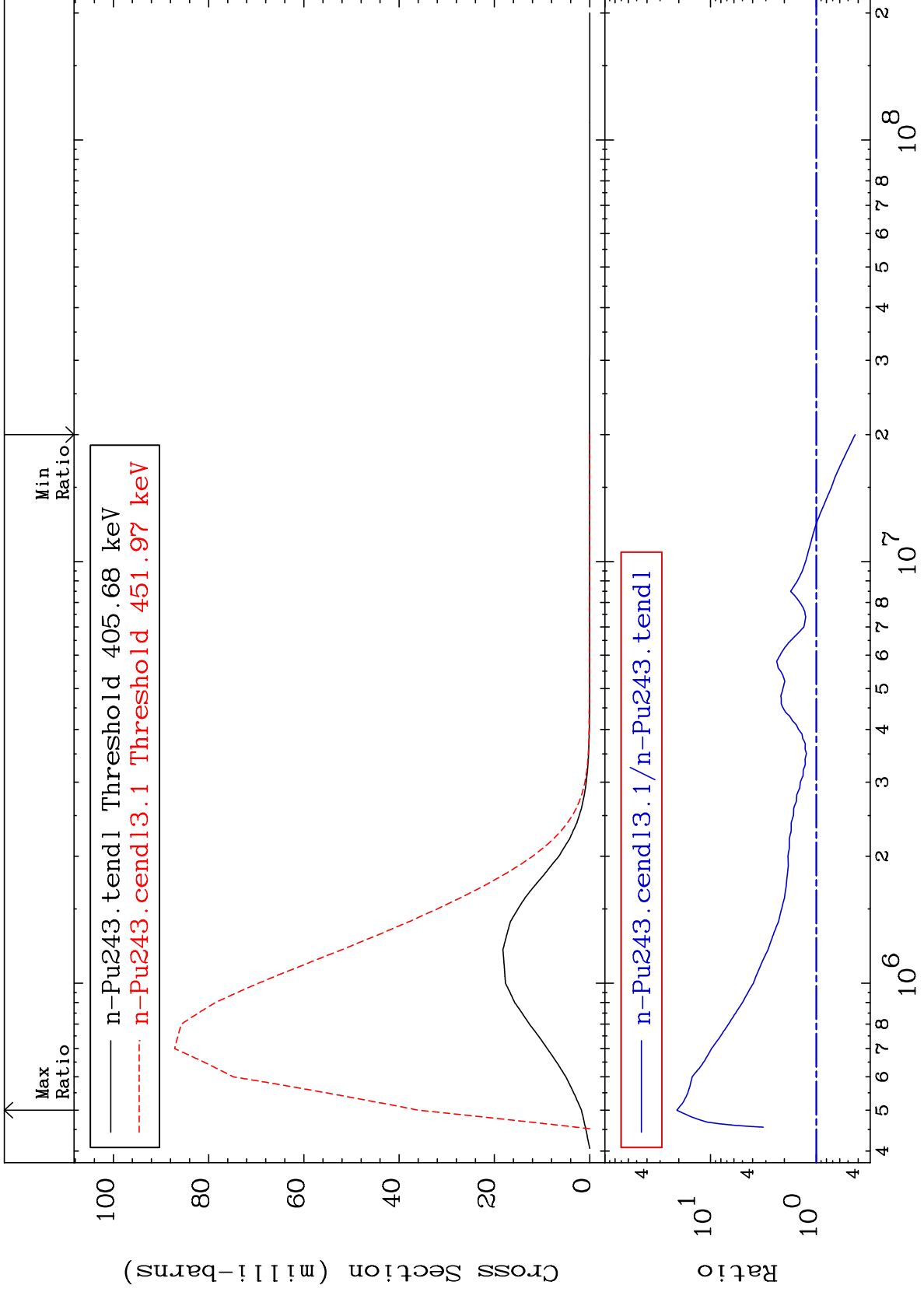
94-Pu-243
-93.83 To 9.903 %



MAT 9449

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

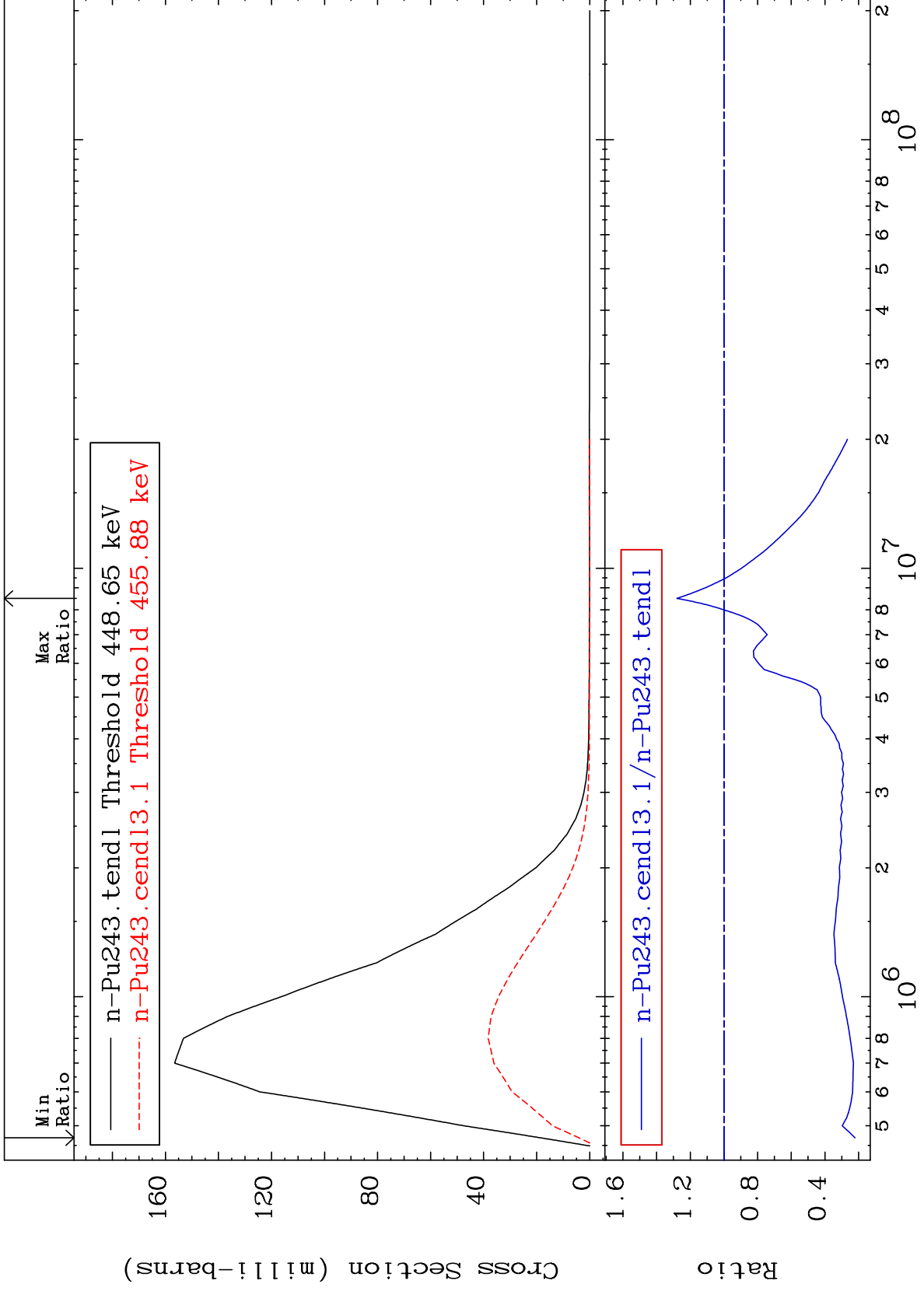
94-Pu-243
-57.12 To 1982. %



MAT 9449

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

94-Pu-243
-77.93 To 27.93 %



18

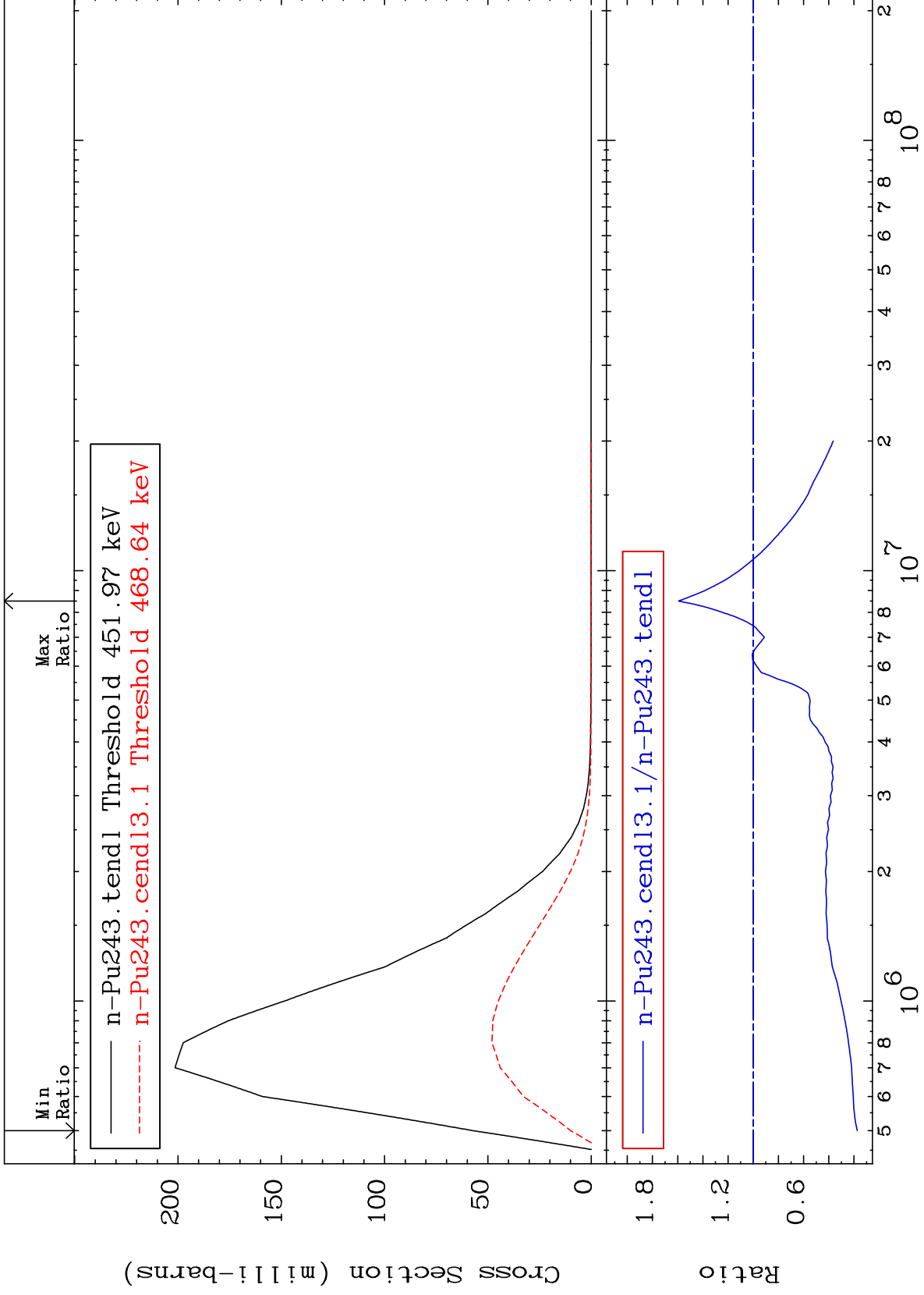
Incident Energy (eV)

94-Pu-243

MAT 9449

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

94-Pu-243
-82.60 To 59.22 %



19

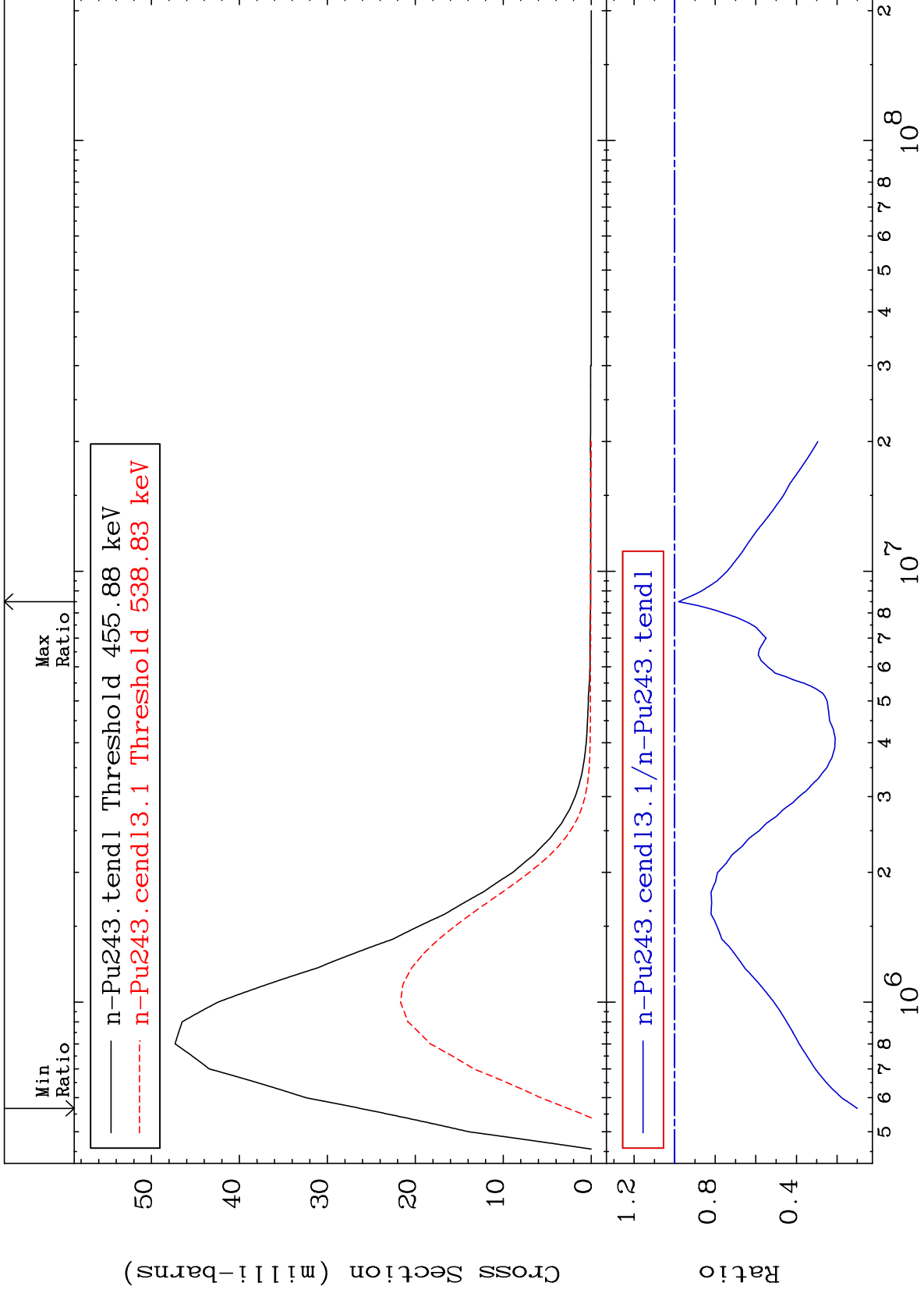
Incident Energy (eV)

94-Pu-243

MAT 9449

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

94-Pu-243
-89.99 To -1.943%



20

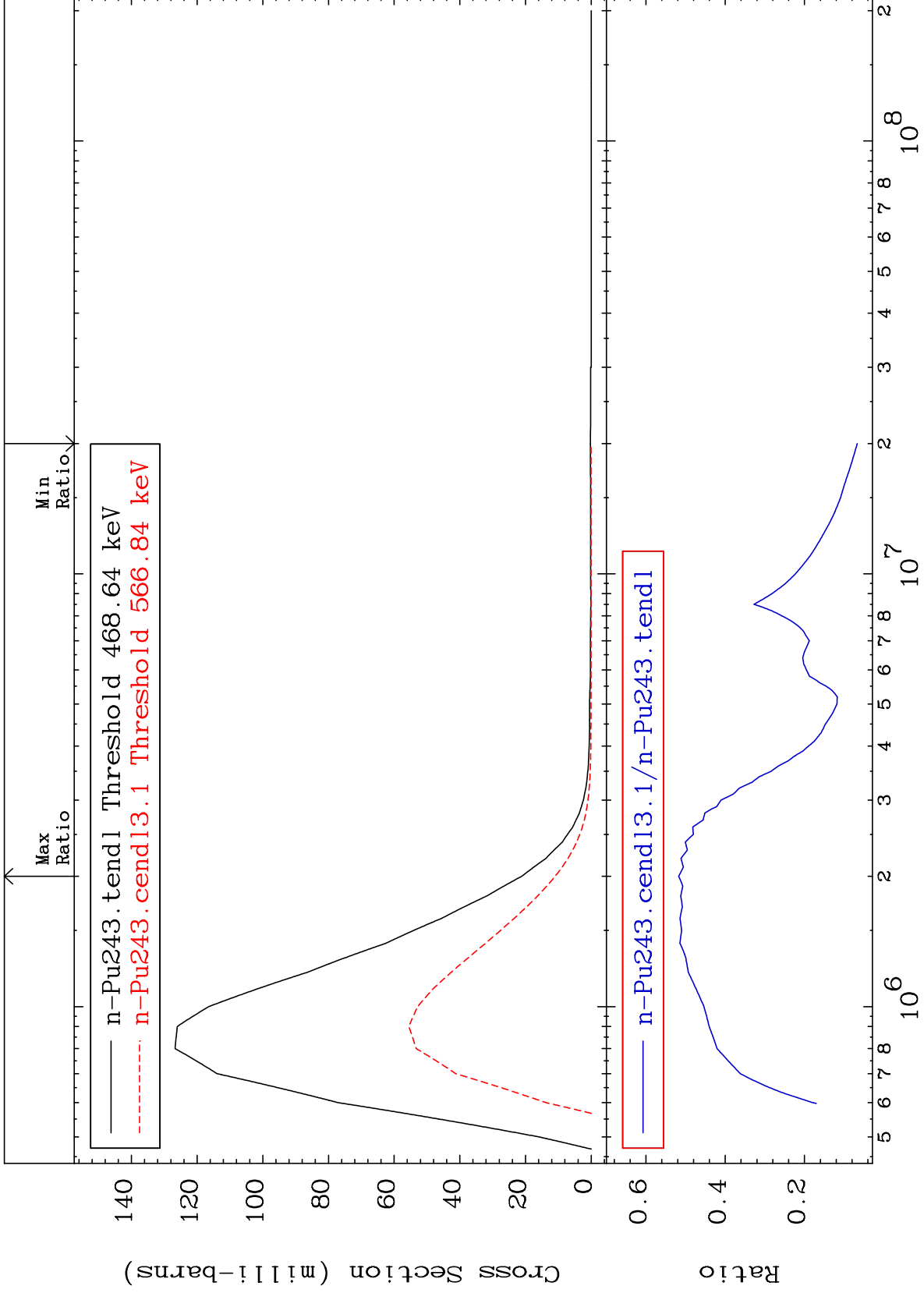
Incident Energy (eV)

94-Pu-243

MAT 9449

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

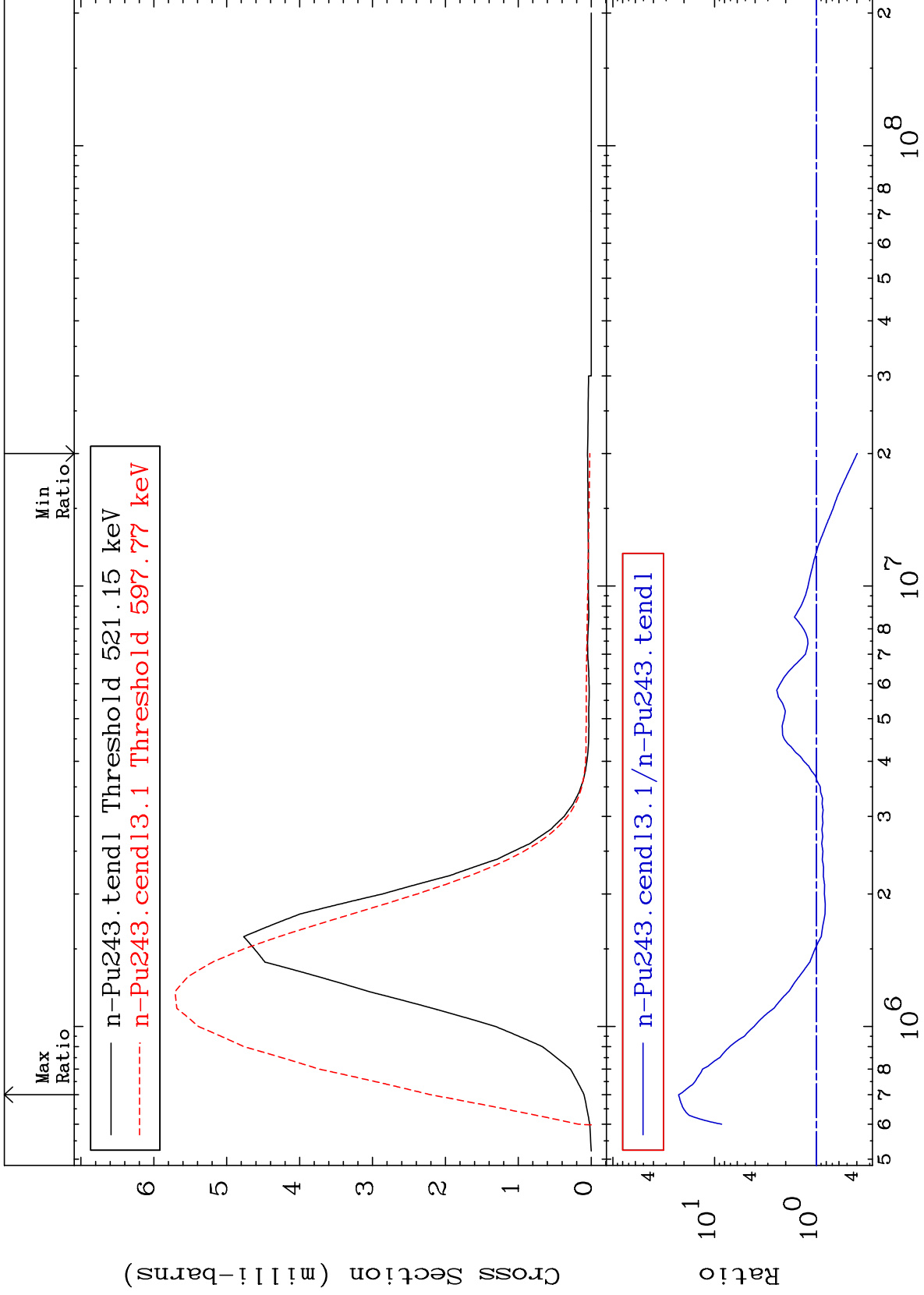
94-Pu-243
-93.32 To -48.24%



MAT 9449

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

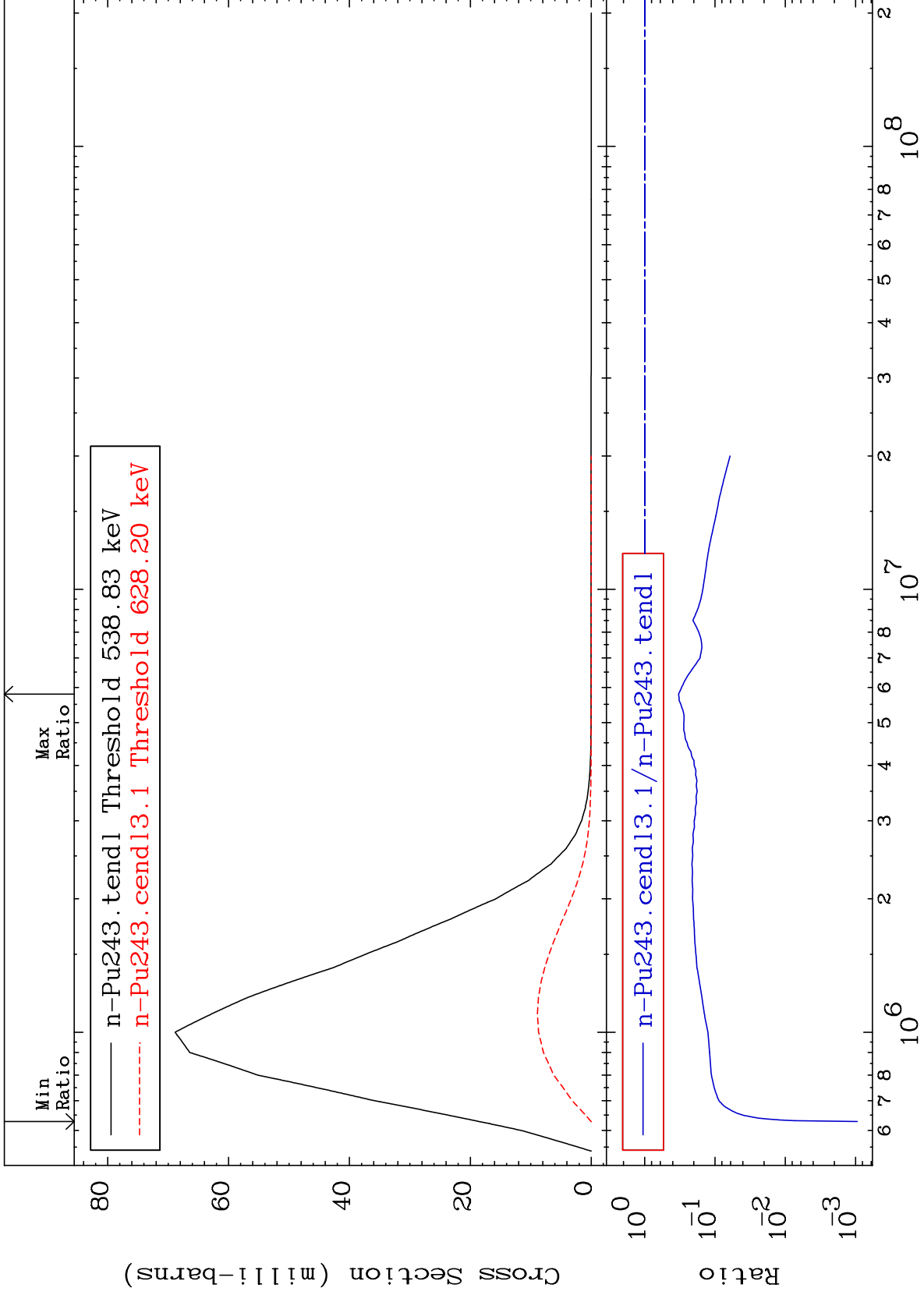
94-Pu-243
-60.29 To 2158. %



MAT 9449

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

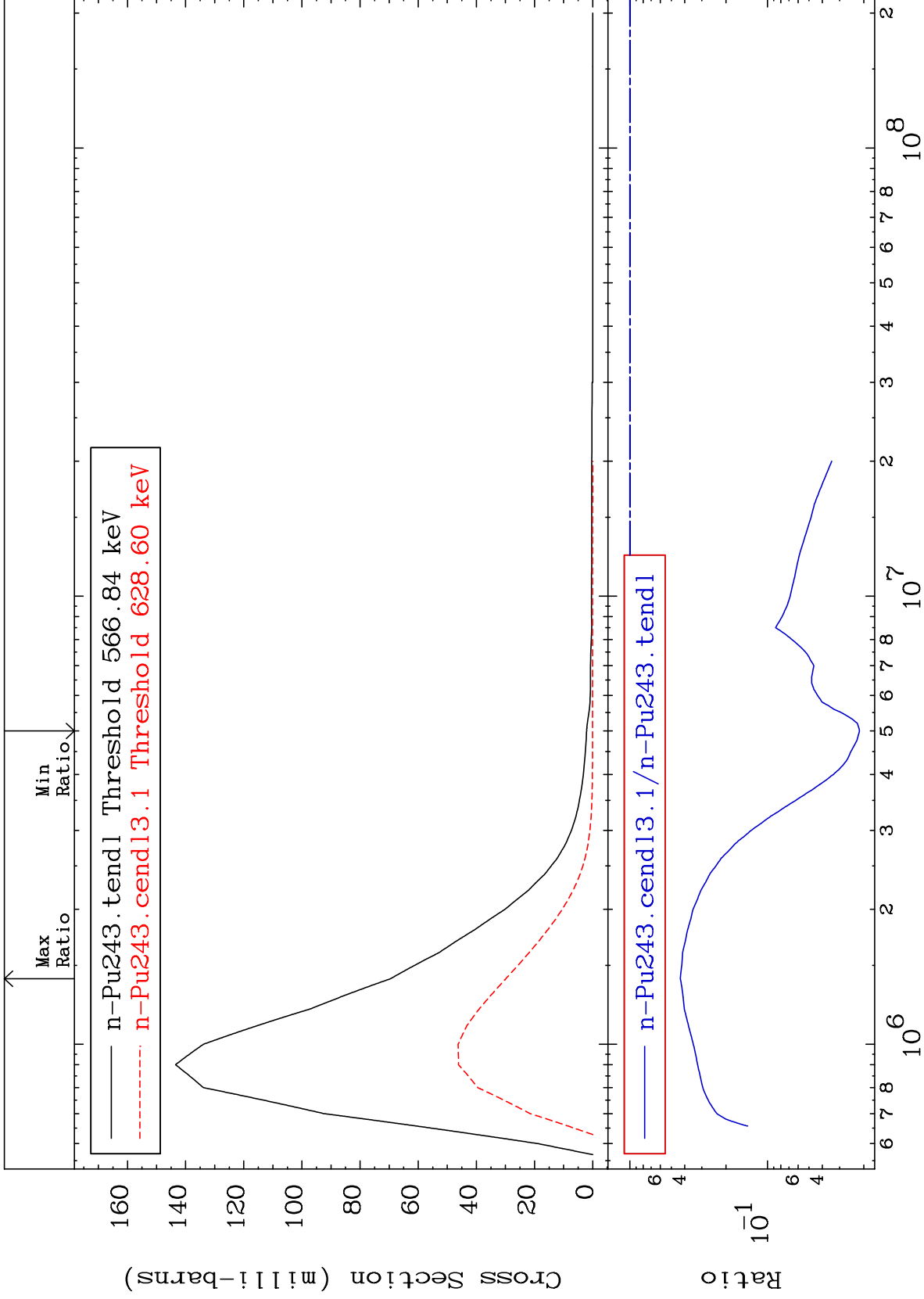
94-Pu-243
-99.91 To -67.10%



MAT 9449

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

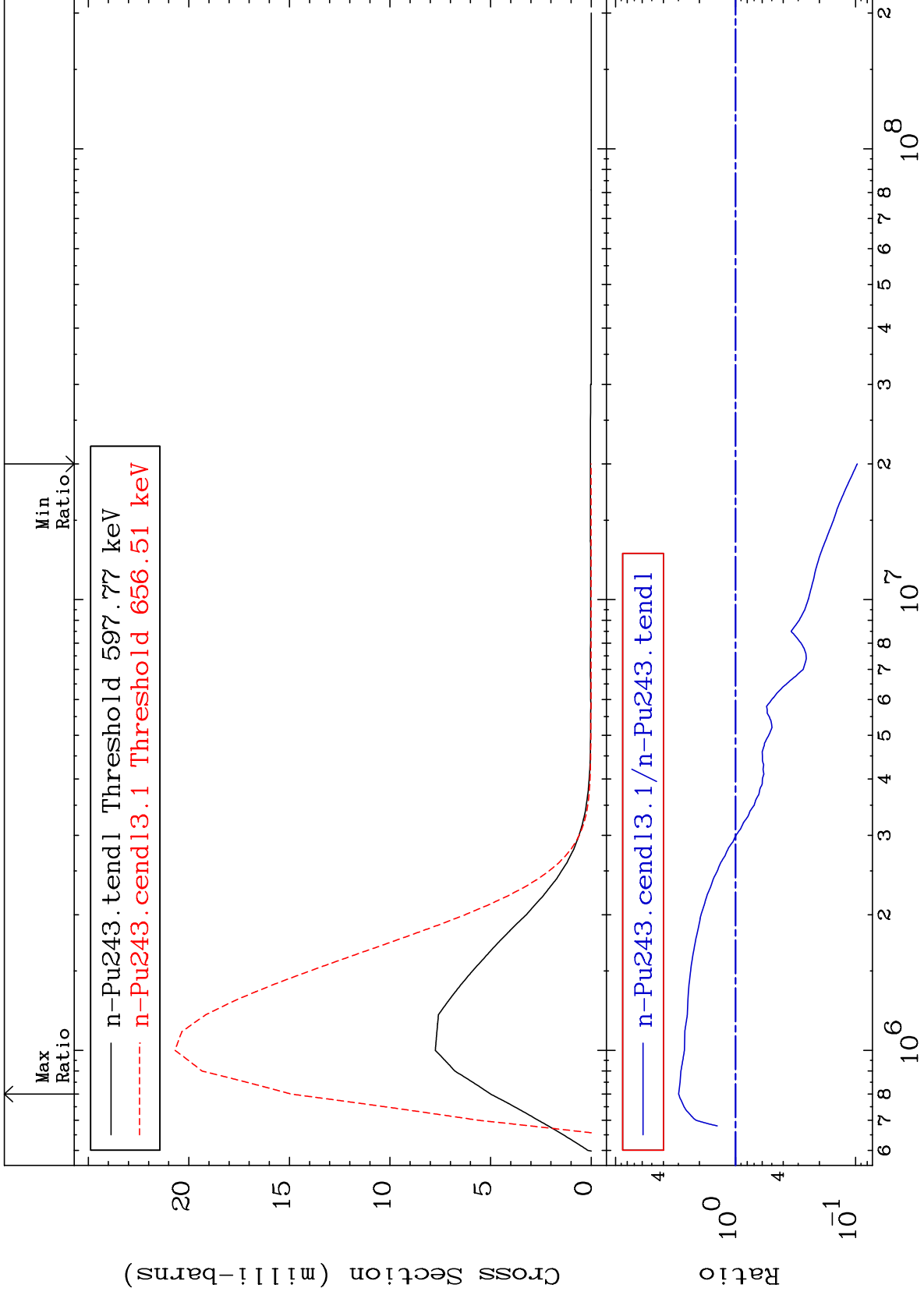
94-Pu-243
-97.85 To -57.07%



MAT 9449

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

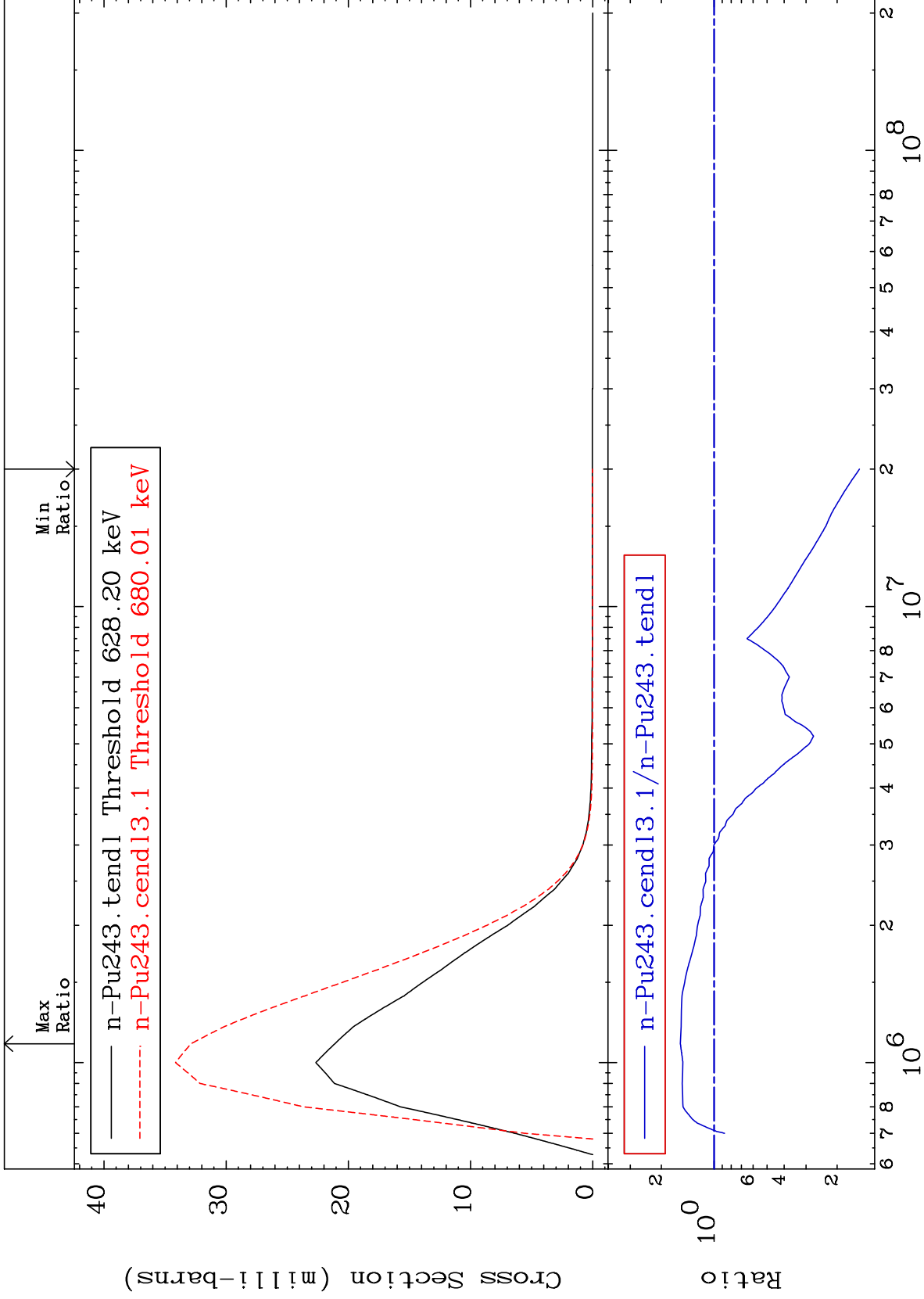
94-Pu-243
-90.33 To 198.2 %



MAT 9449

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

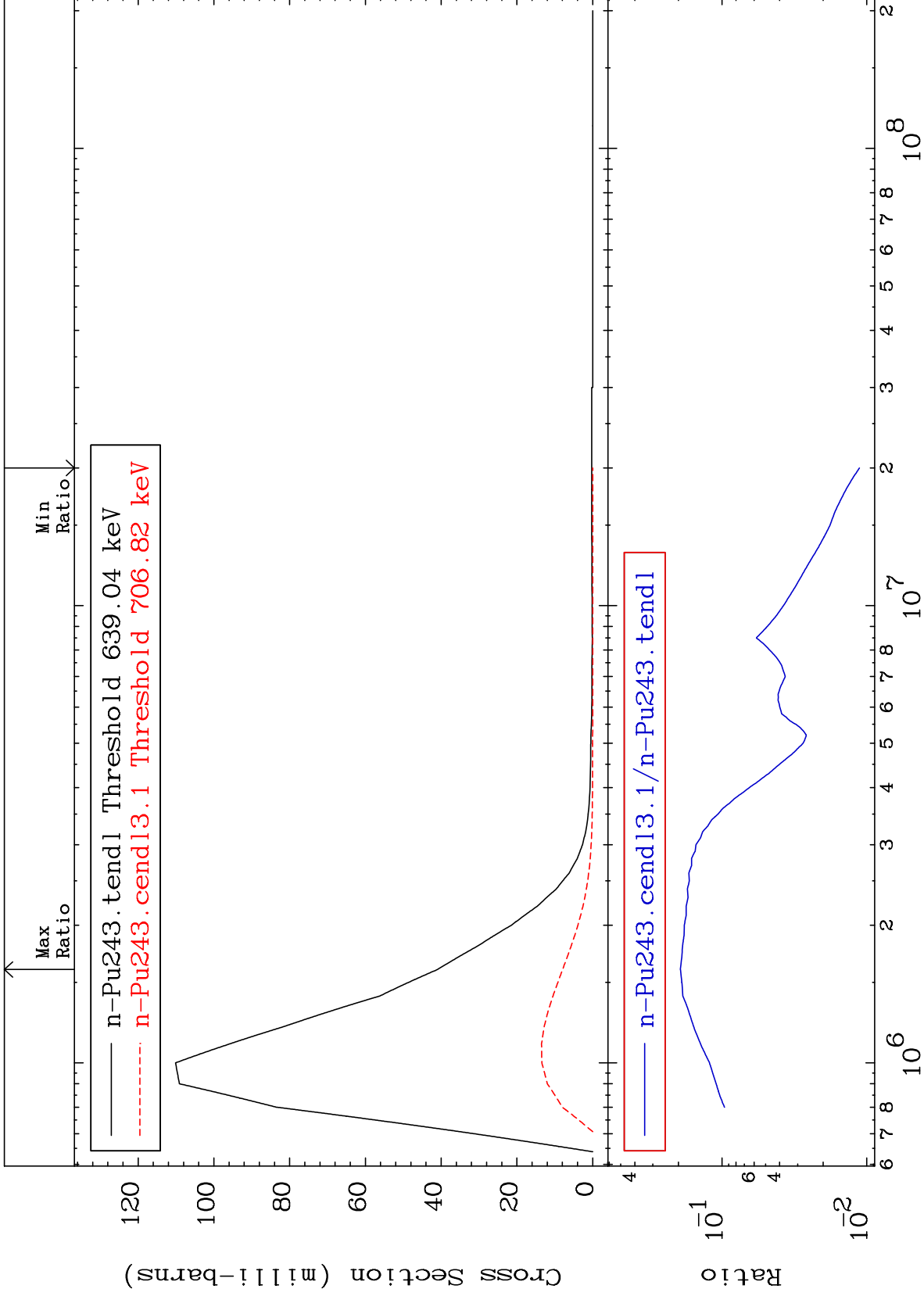
94-Pu-243
-85.08 To 55.75 %



MAT 9449

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

94-Pu-243
-98.88 To -80.62%



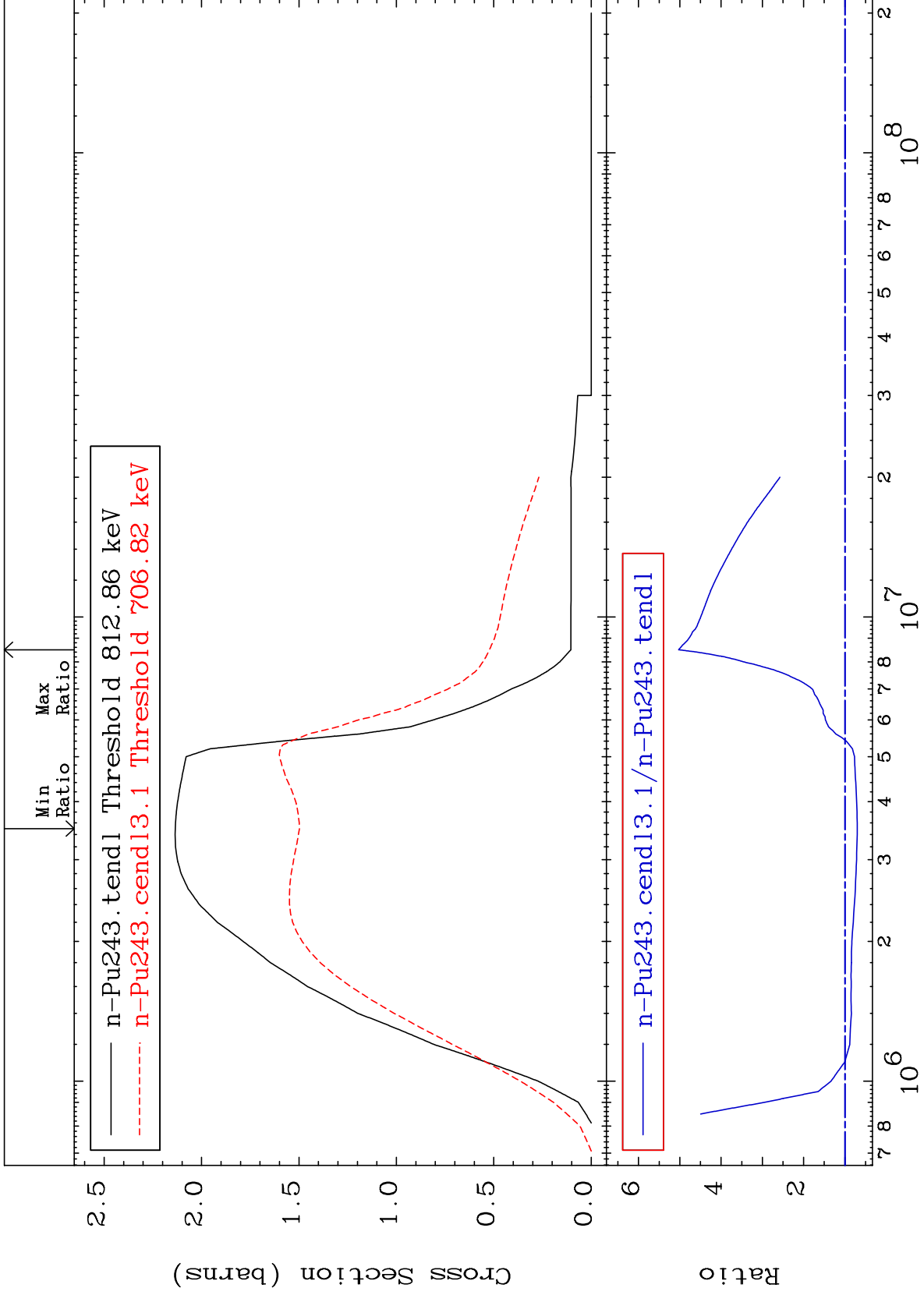
27

94-Pu-243

MAT 9449

(n, n') Continuum
Cross Section

94-Pu-243
-29.86 To 402.8 %



28

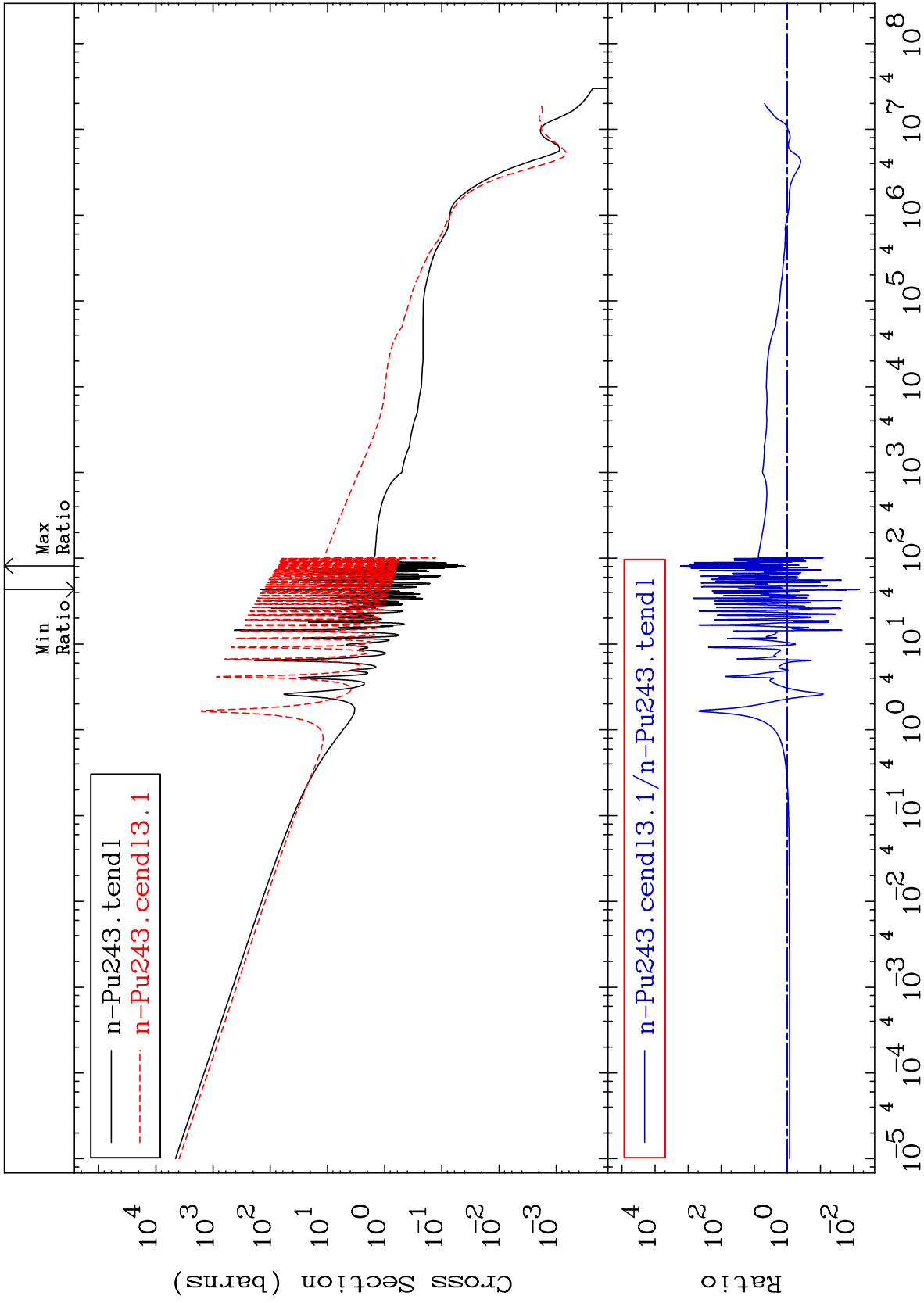
Incident Energy (eV)

94-Pu-243

MAT 9449

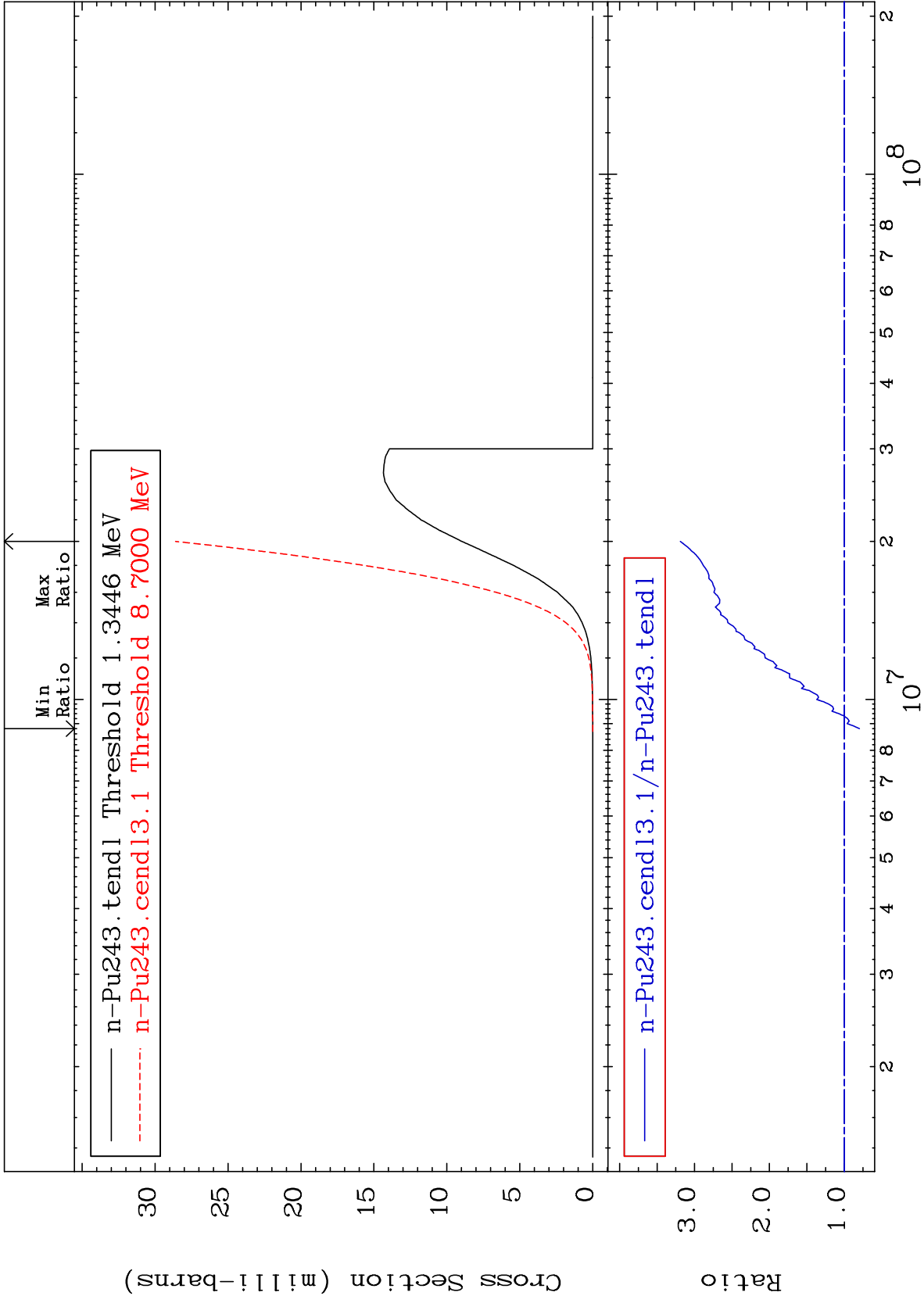
(n, γ)
Cross Section

94-Pu-243
-99.34 To 9999. %



MAT 9449

(n,p)
Cross Section
94-Pu-243
-20.15 To 218.9 %



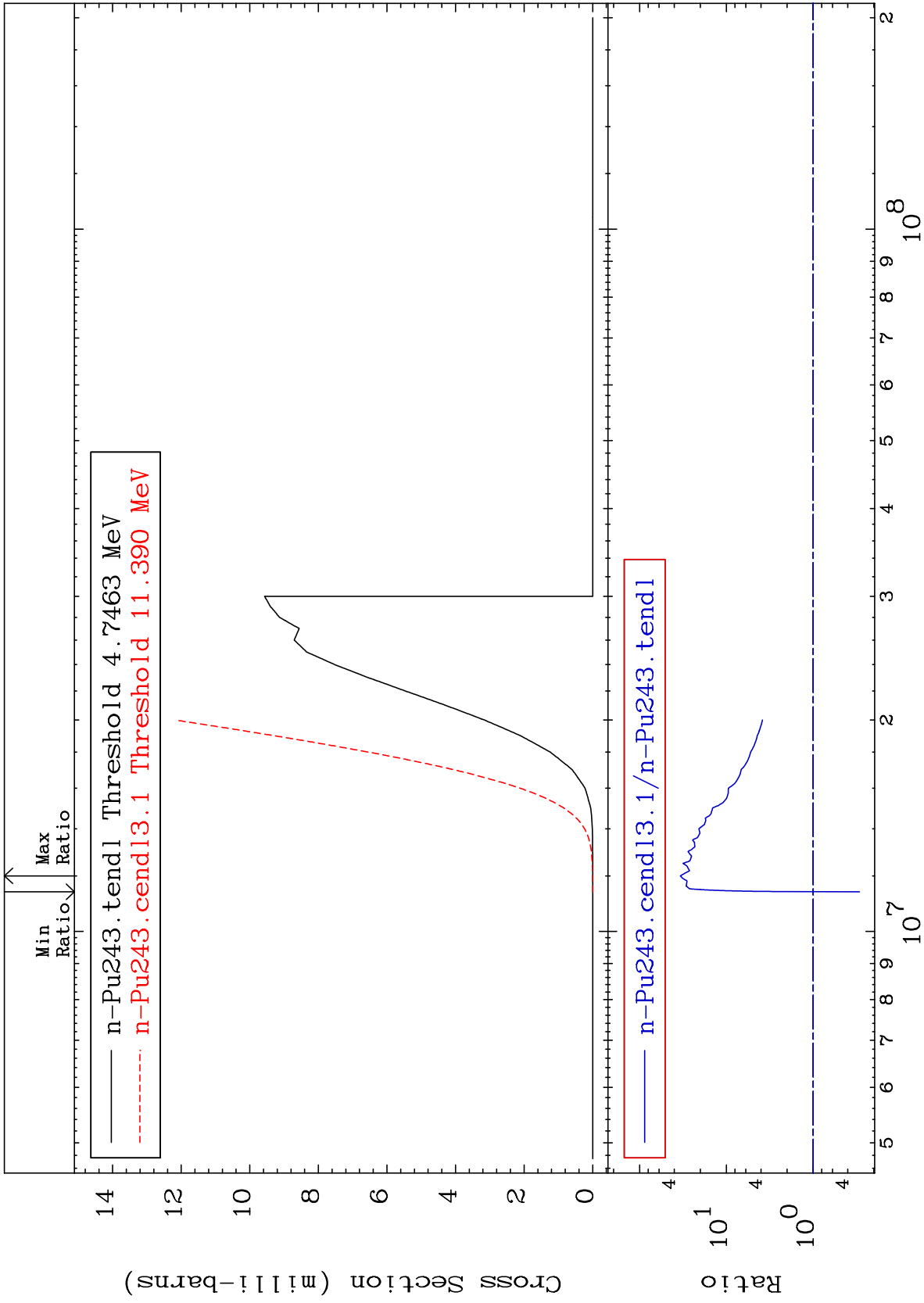
30

Incident Energy (eV)

94-Pu-243

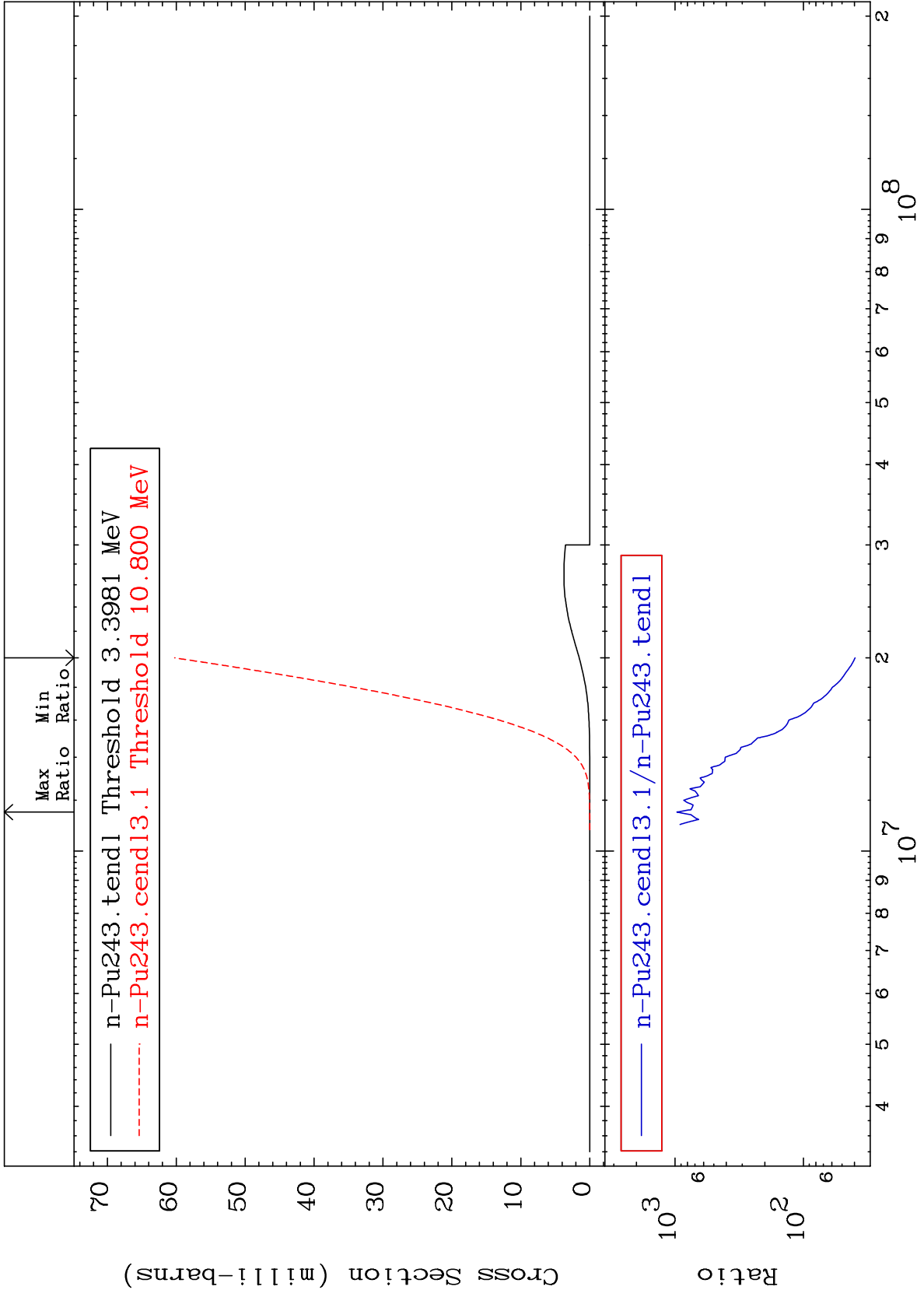
Cross Section

-70.66 To 3303. %



MAT 9449

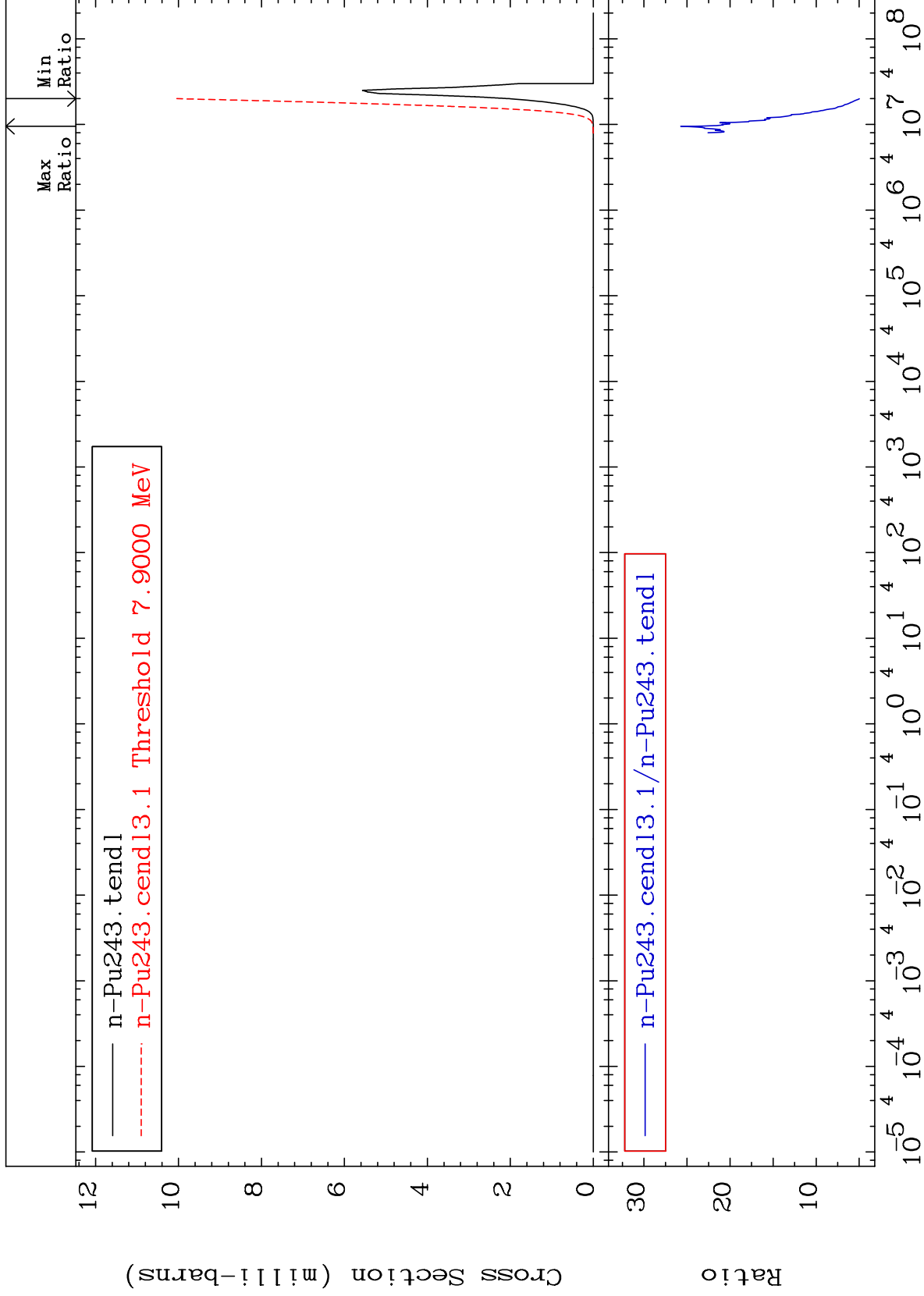
(n, t) Cross Section
94-Pu-243
3860. To 9999. %



MAT 9449

(n, α)
Cross Section

94-Pu-243
396.2 To 2472. %



33

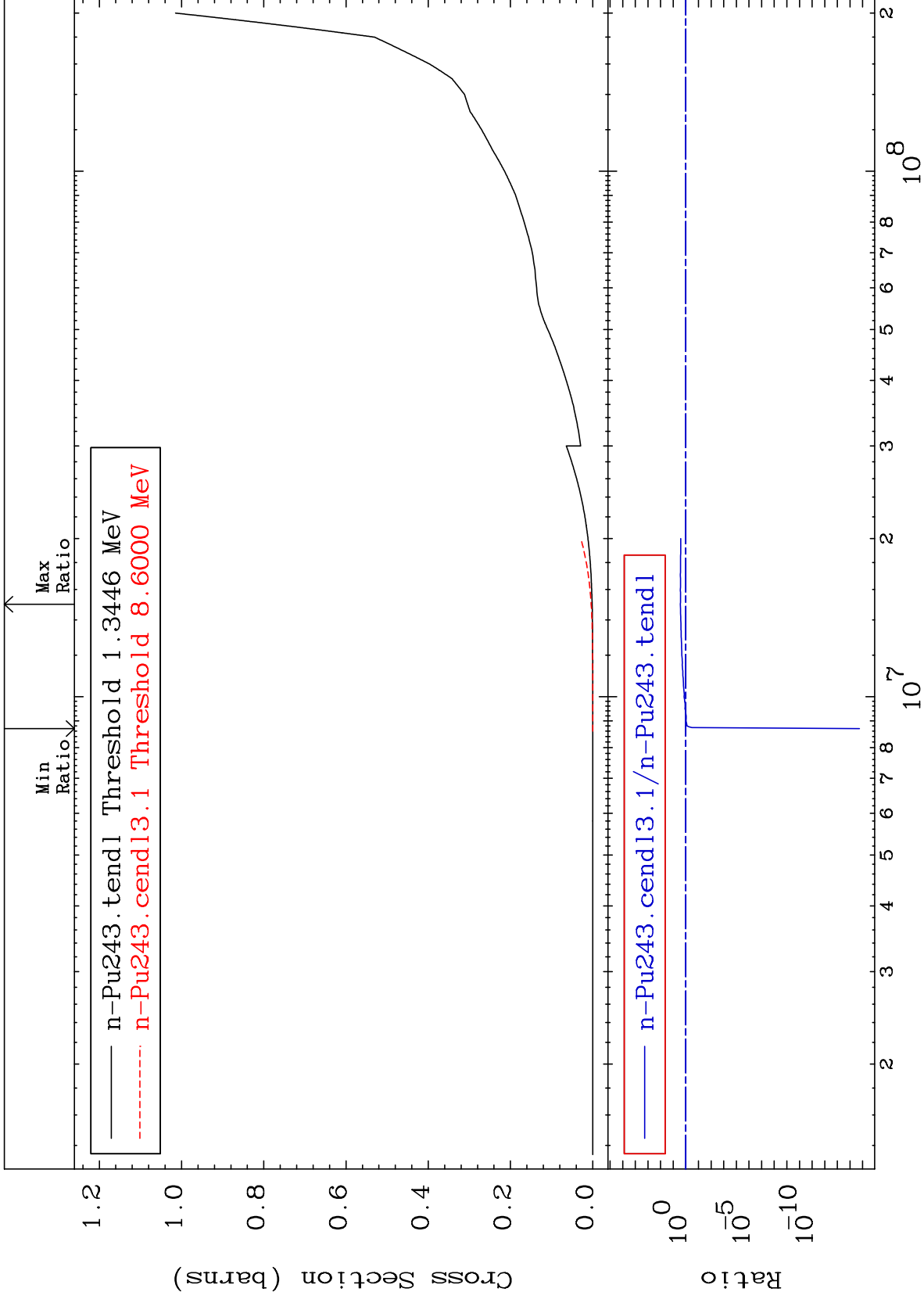
Incident Energy (eV)

94-Pu-243

MAT 9449

Hydrogen Production
Cross Section

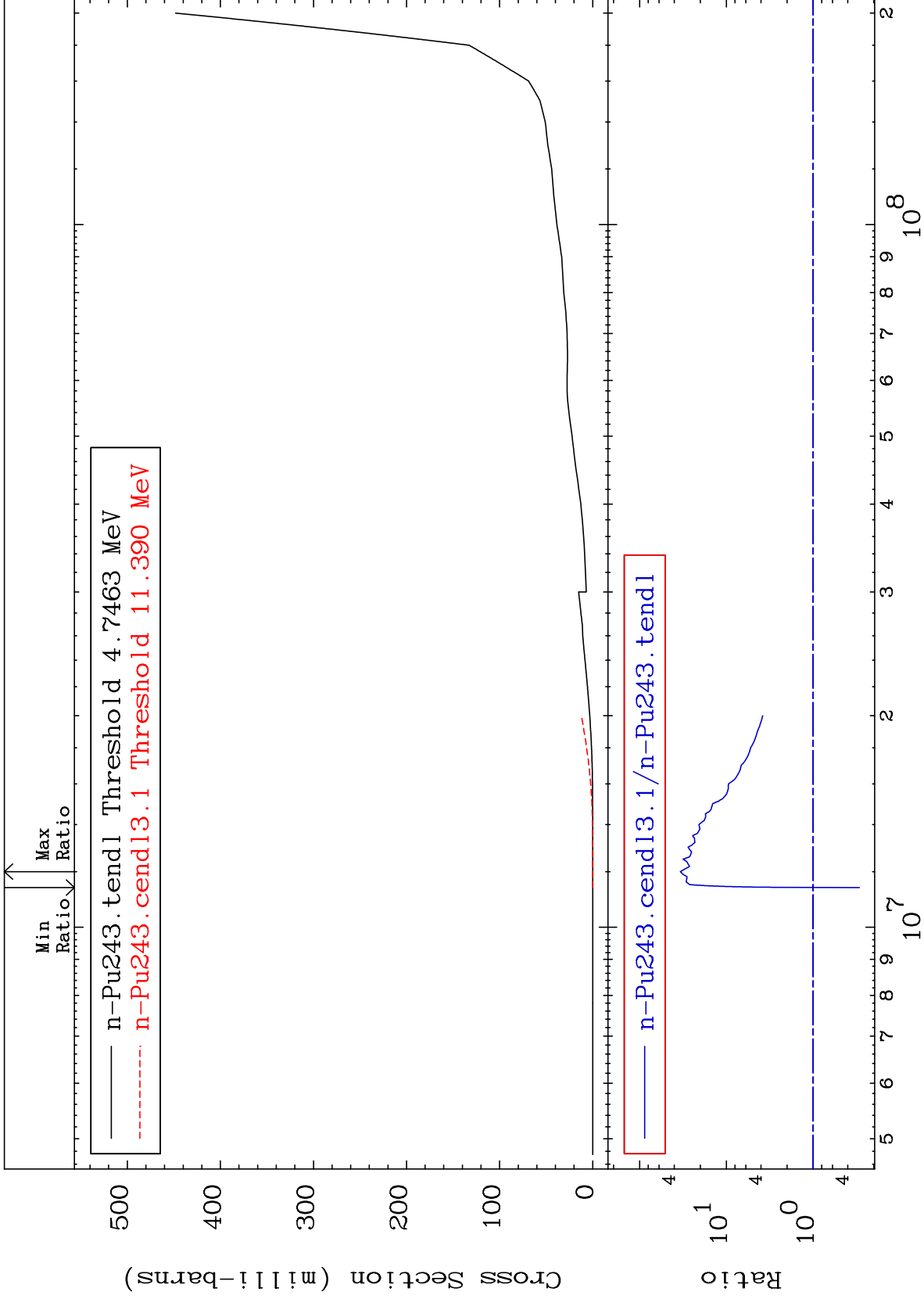
94-Pu-243
-100.0 To 170.8 %



MAT 9449

Deuterium Production
Cross Section

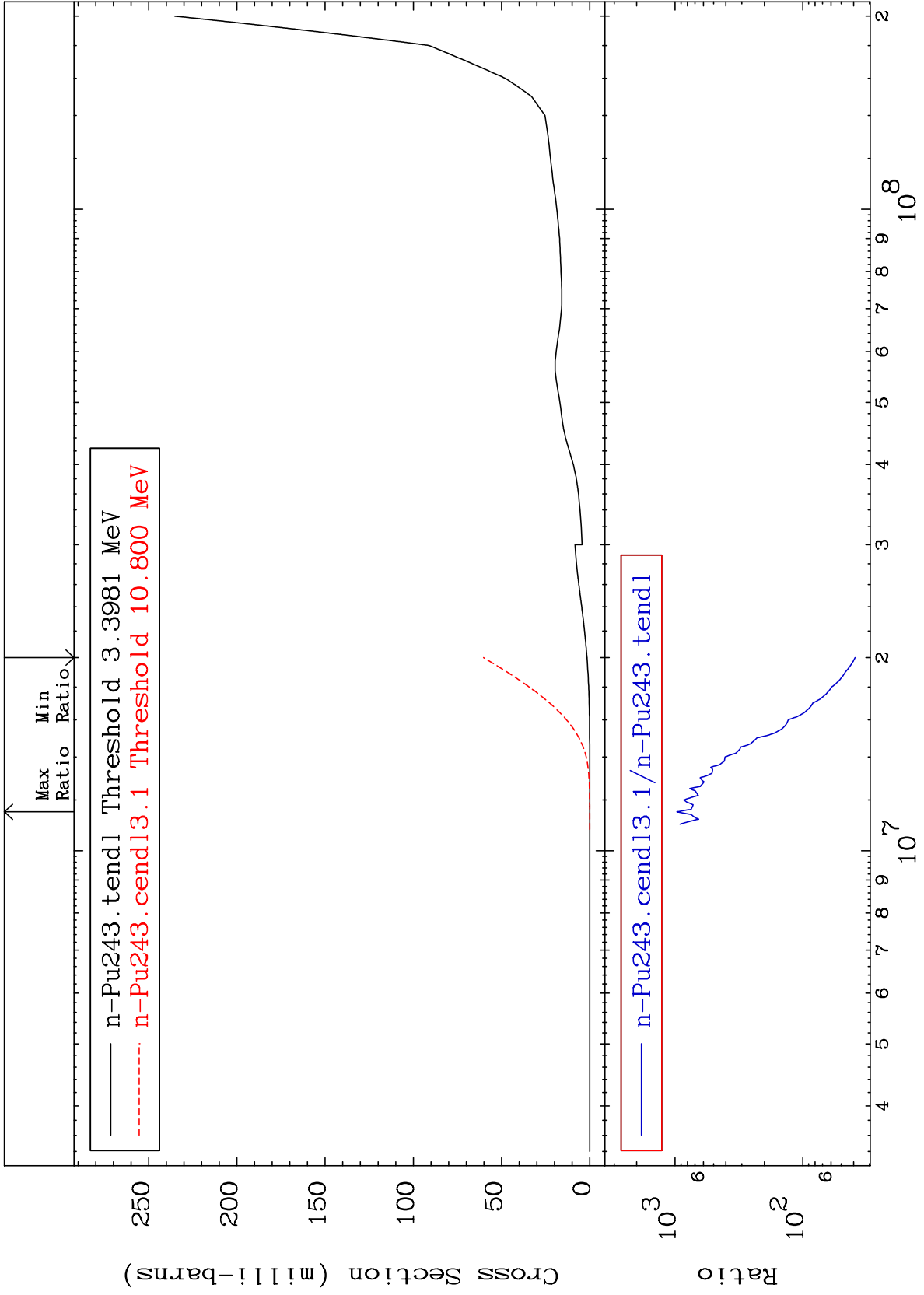
94-Pu-243
-70.66 To 3303. %



MAT 9449

Tritium Production
Cross Section

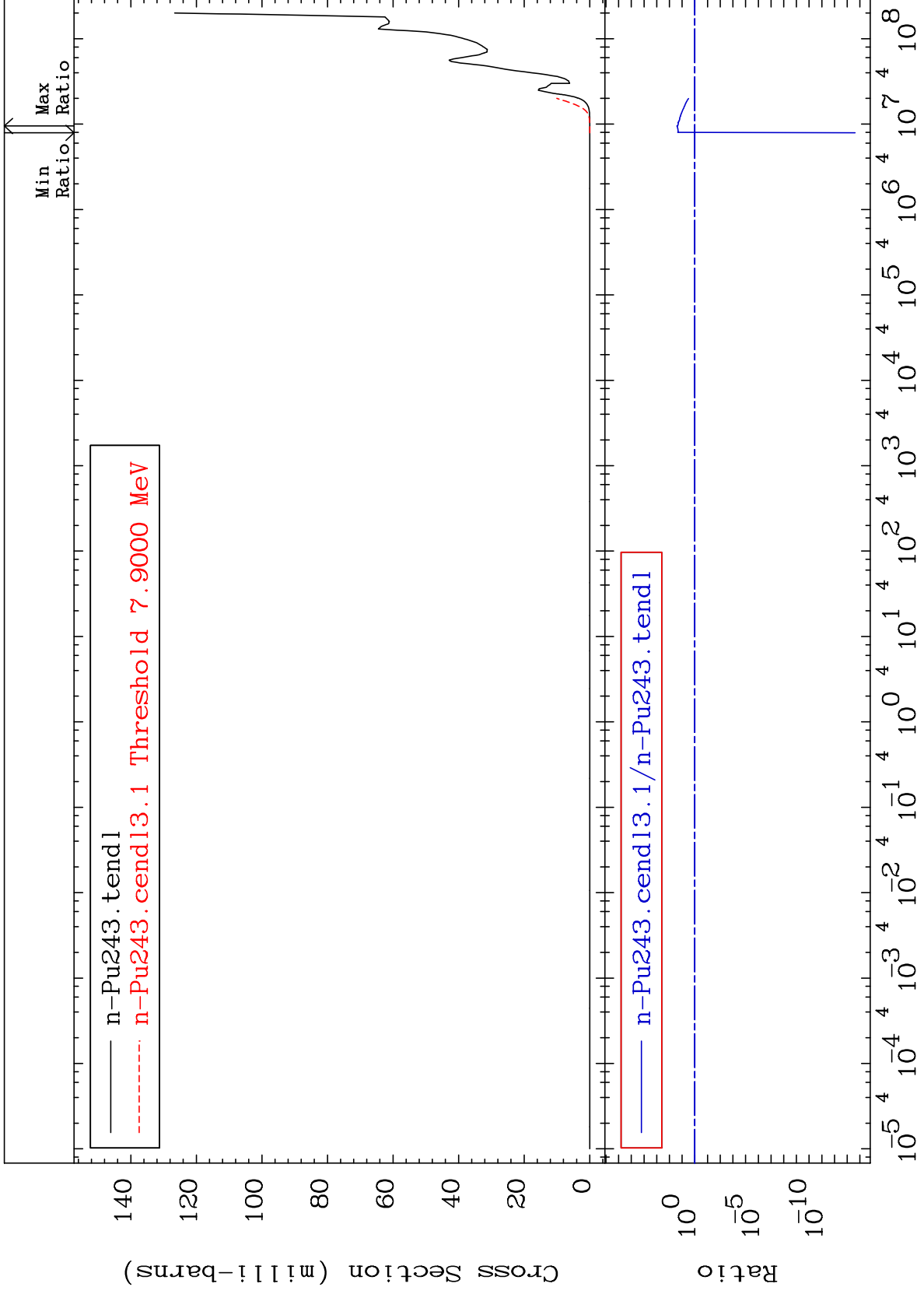
94-Pu-243
3791. To 9999. %

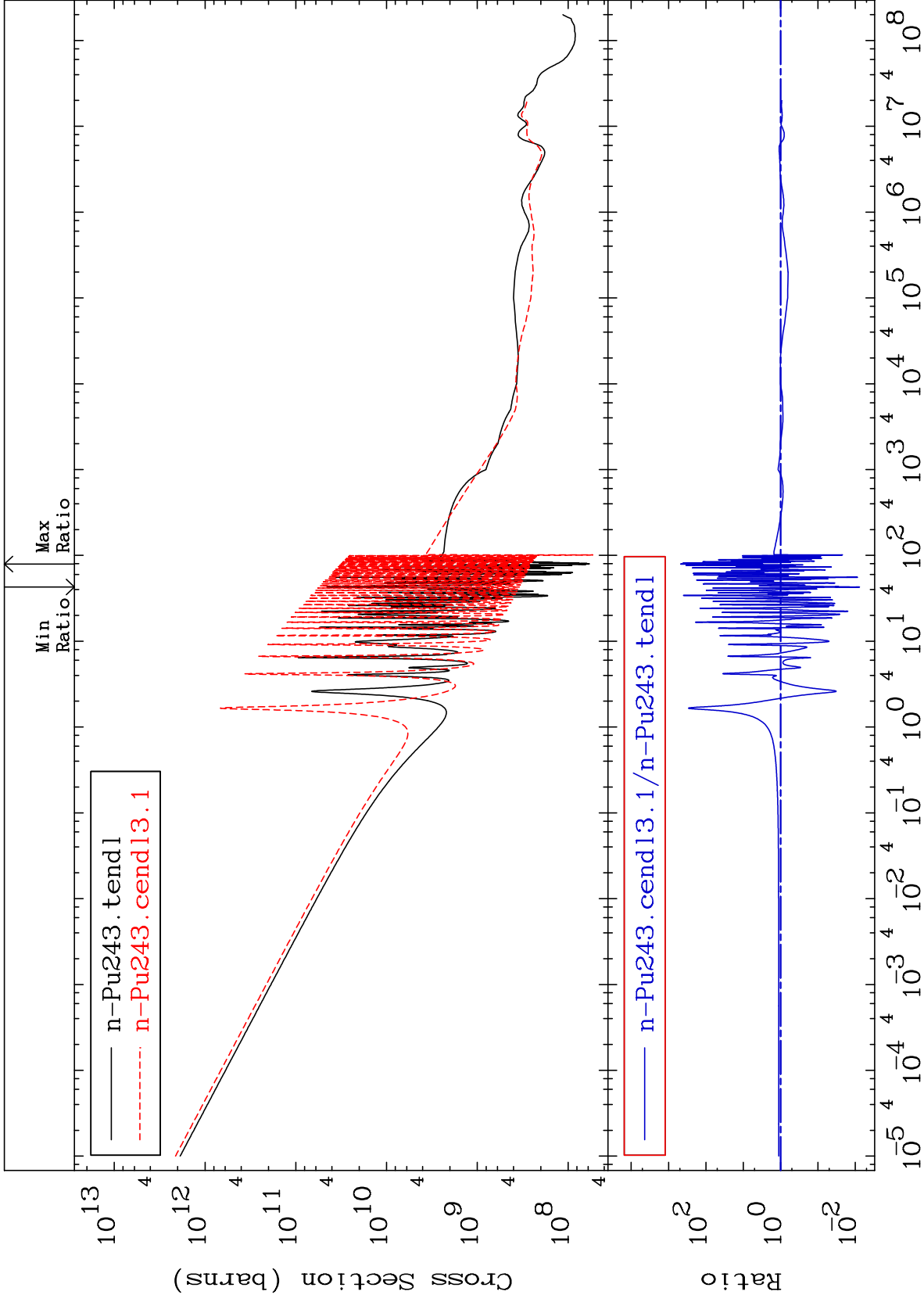


MAT 9449

He-4 Production
Cross Section

94-Pu-243
-100.0 To 2465. %

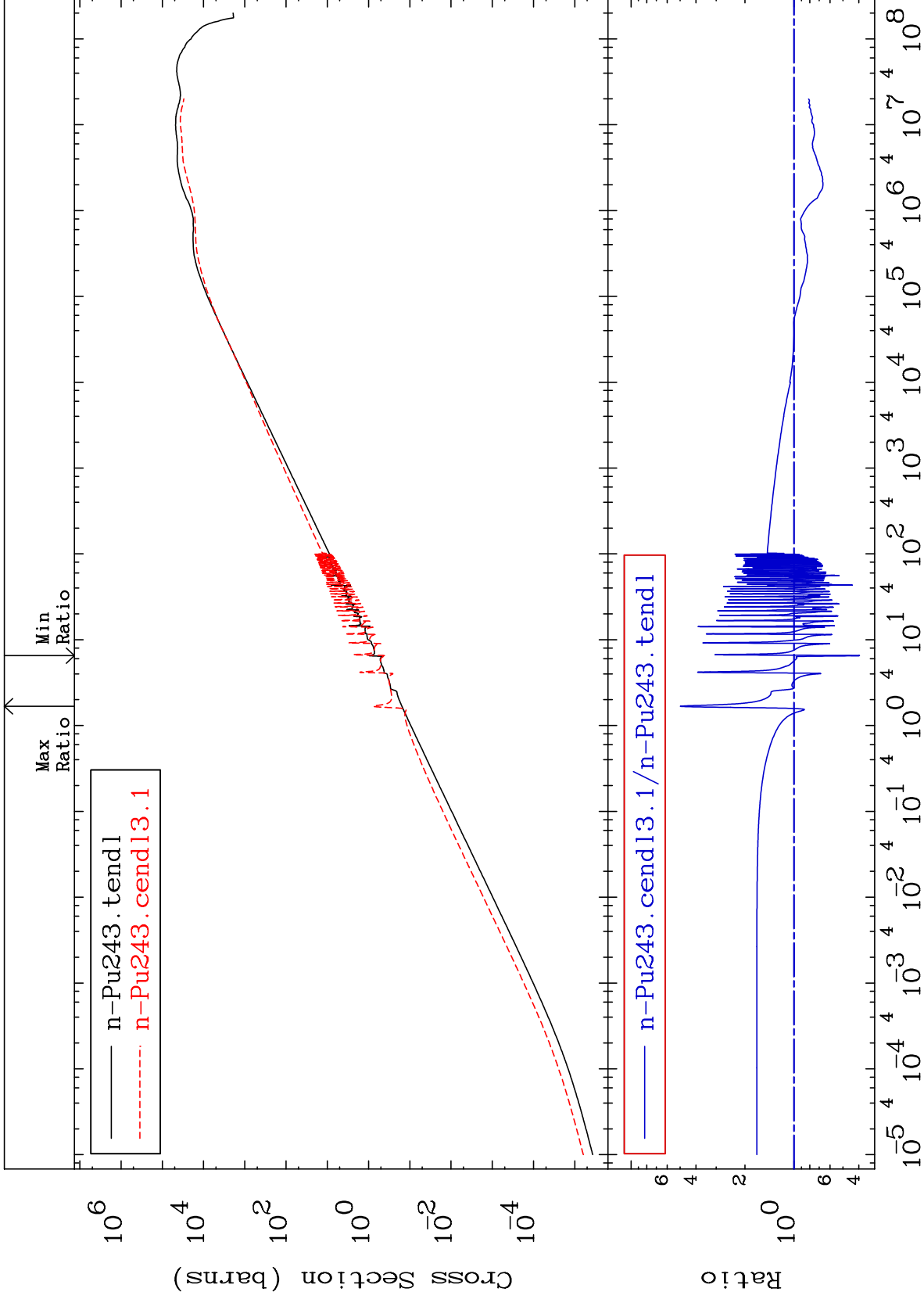




MAT 9449

Kerma elastic
Cross Section

94-Pu-243
-60.37 To 397.9 %



39

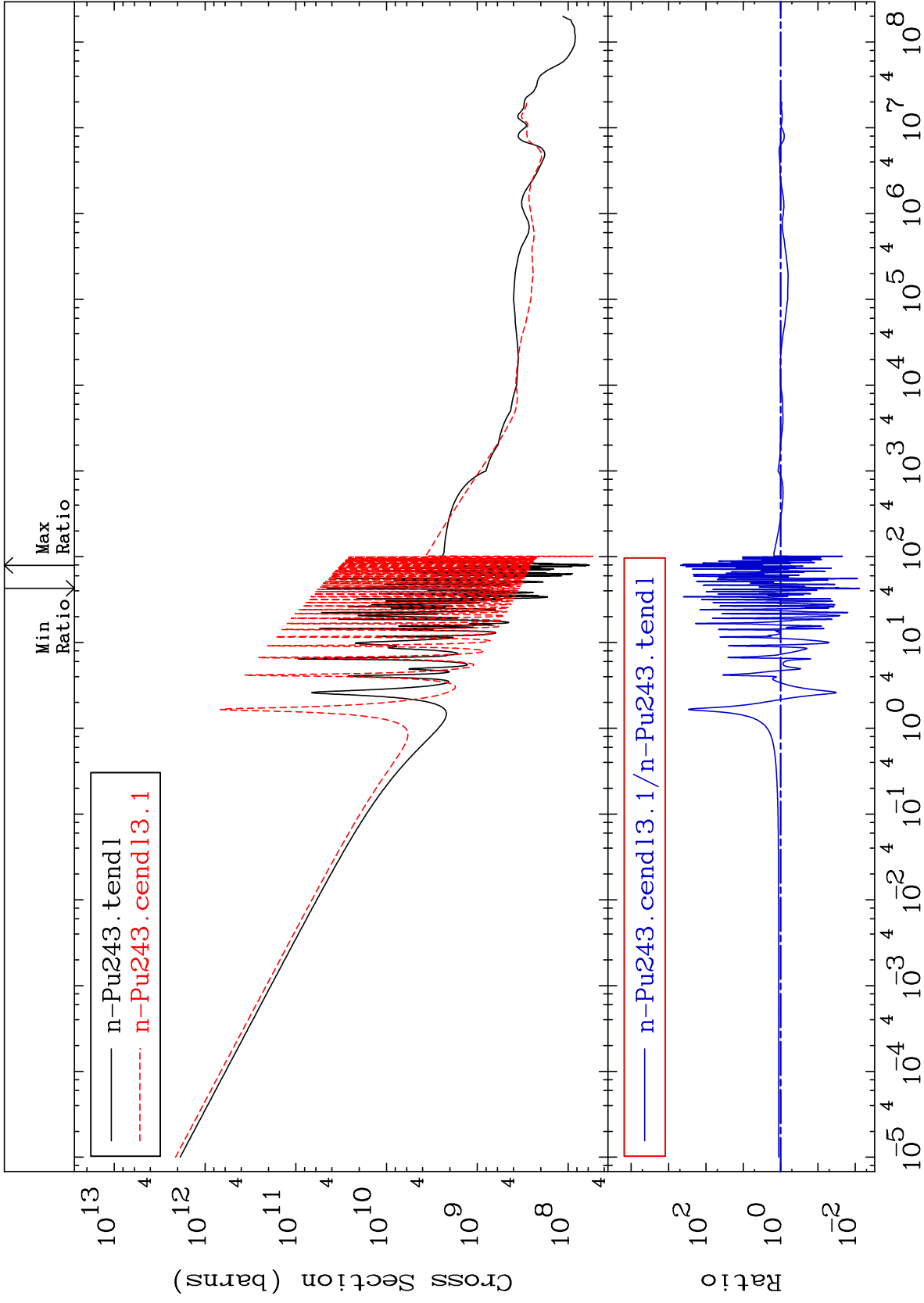
Incident Energy (eV)

94-Pu-243

MAT 9449

Kerma non-elastic (all but mt2)
Cross Section

94-Pu-243
-99.22 To 9999. %



40

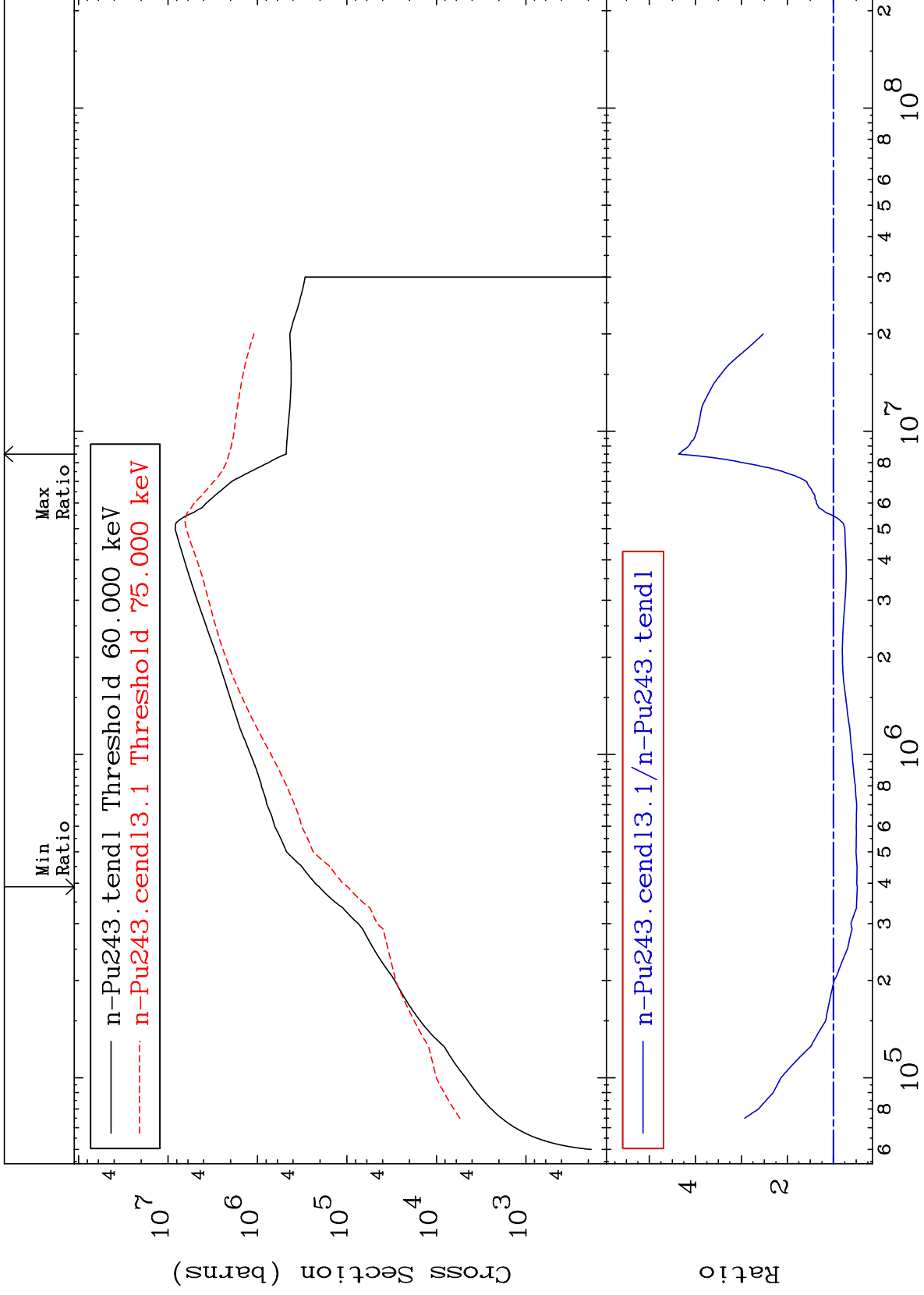
Incident Energy (eV)

94-Pu-243

MAT 9449

Kerma inelastic (mt51-91)
Cross Section

94-Pu-243
-52.07 To 336.4 %



41

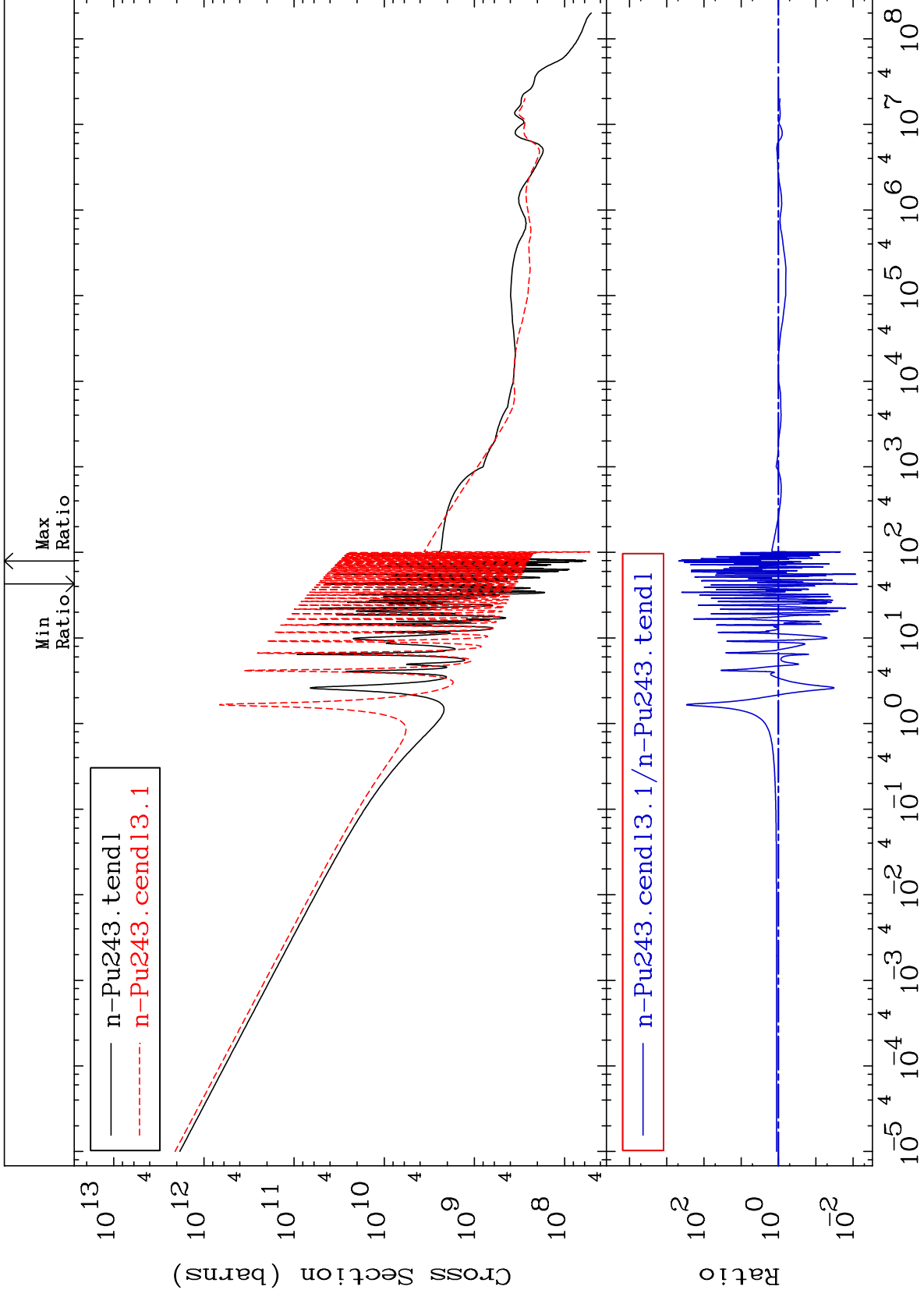
Incident Energy (eV)

94-Pu-243

MAT 9449

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

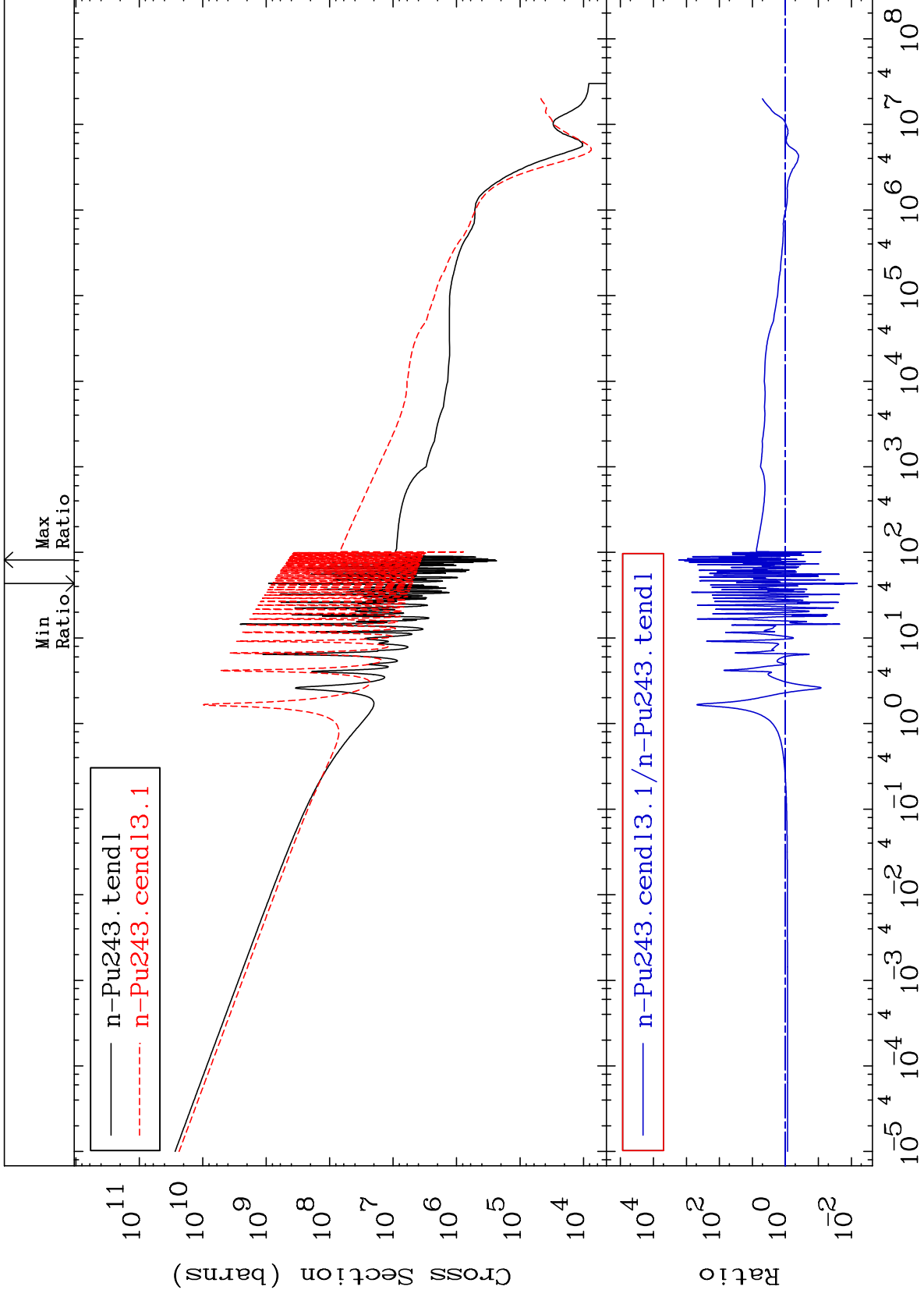
94-Pu-243
-99.23 To 9999. %

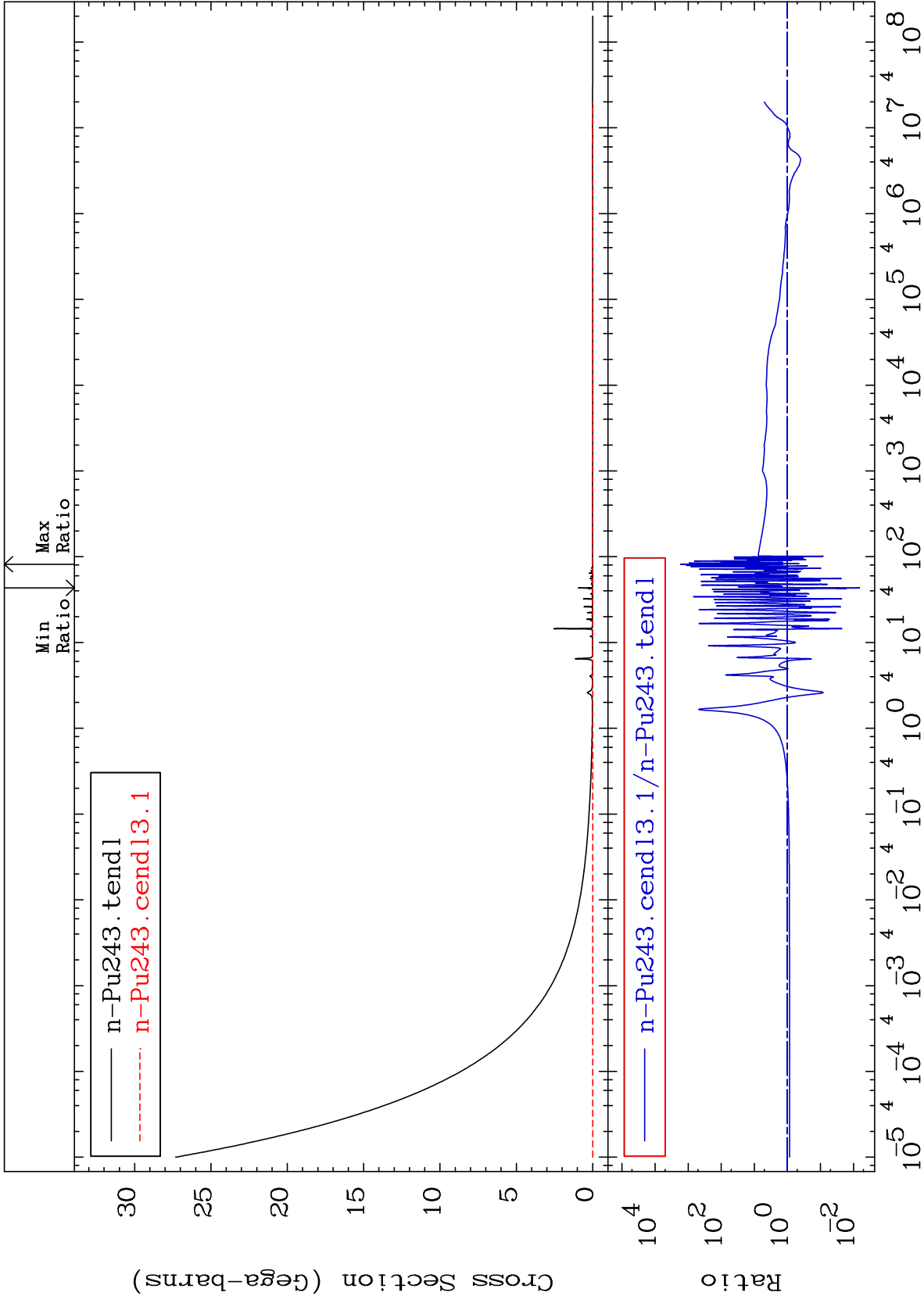


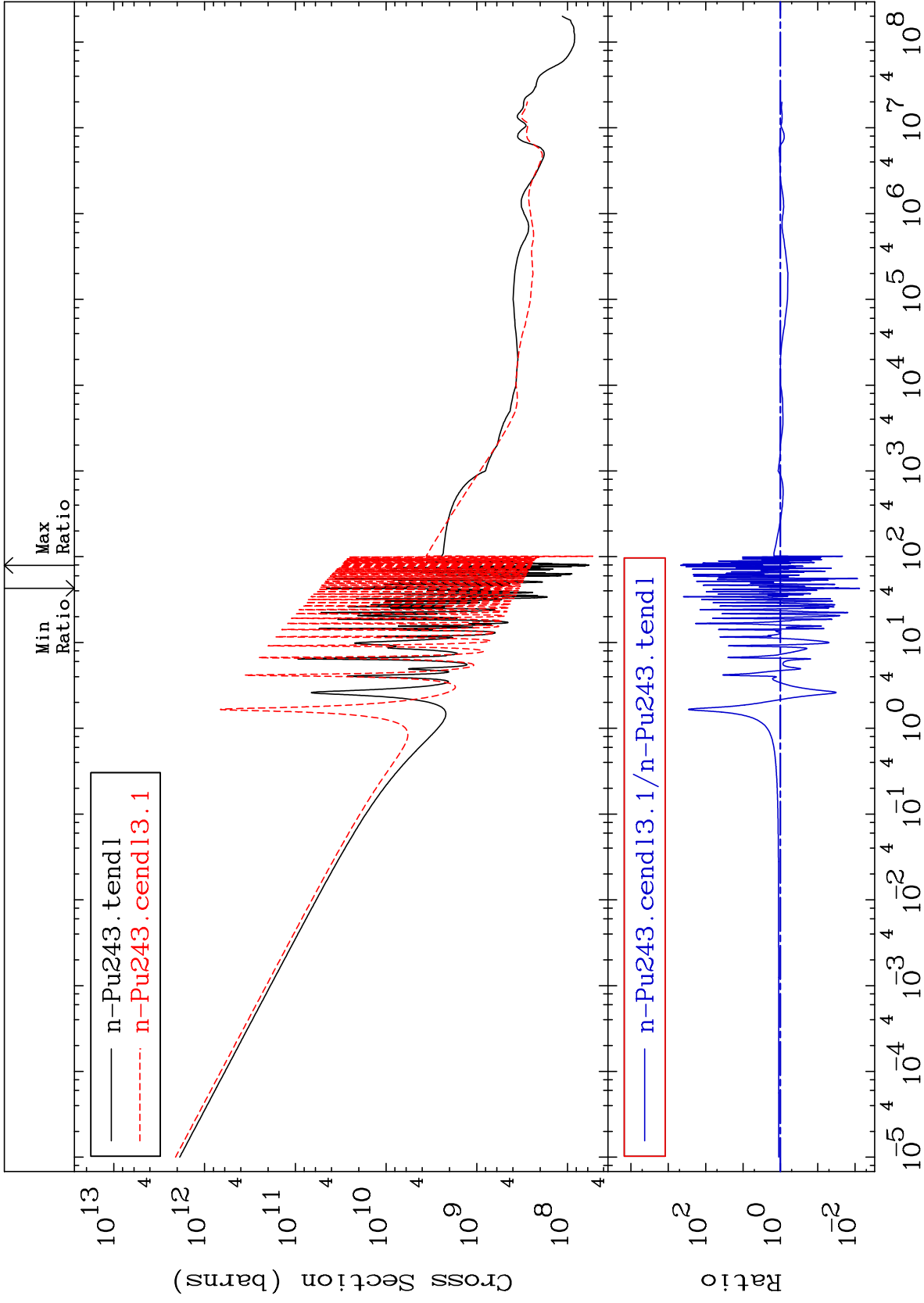
MAT 9449

Kerma capture (mt102)
Cross Section

94-Pu-243
-99.34 To 9999. %







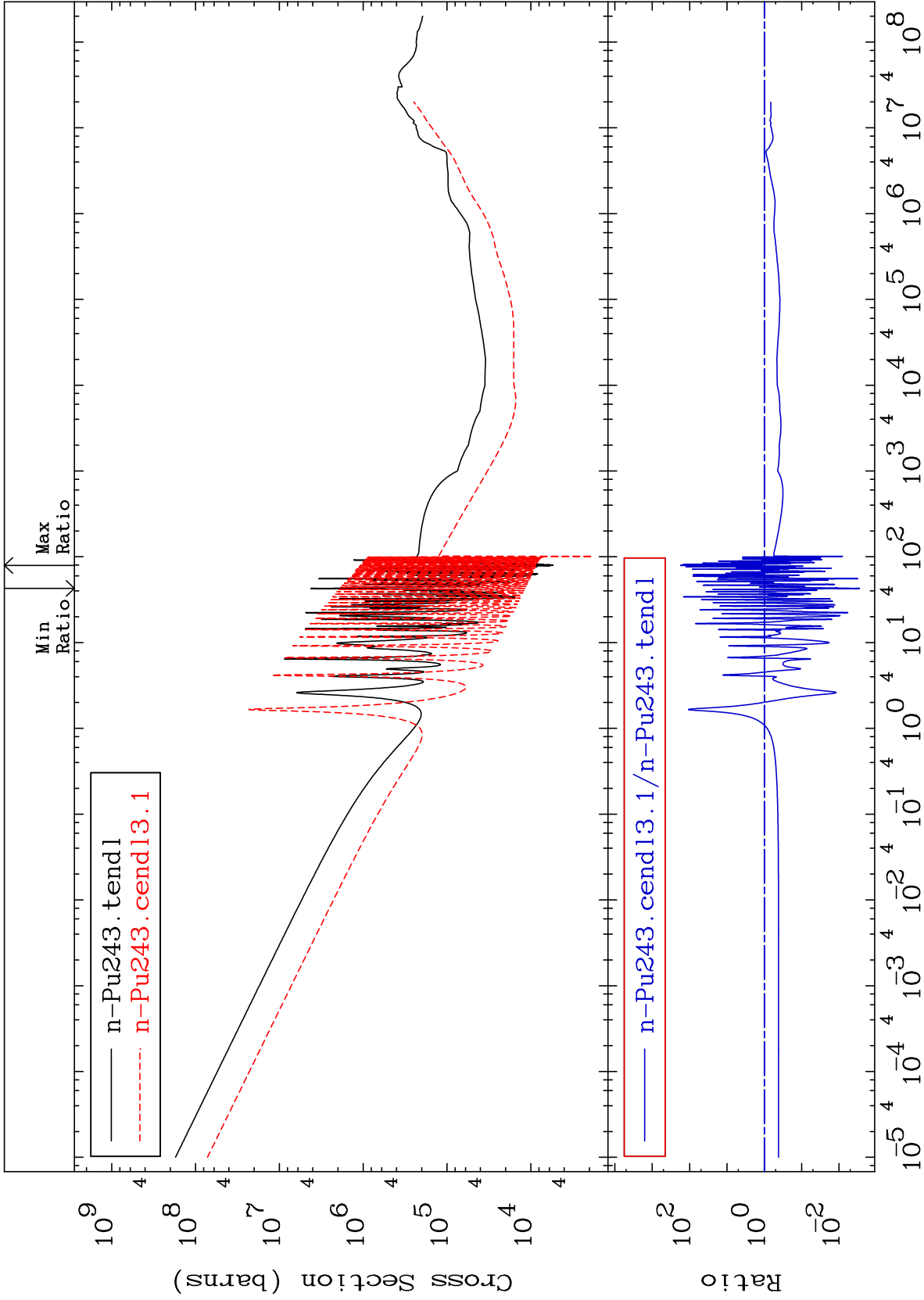
MAT 9449

Dpa total (eV-barns)

94-Pu-243

-99.72 To 9999. %

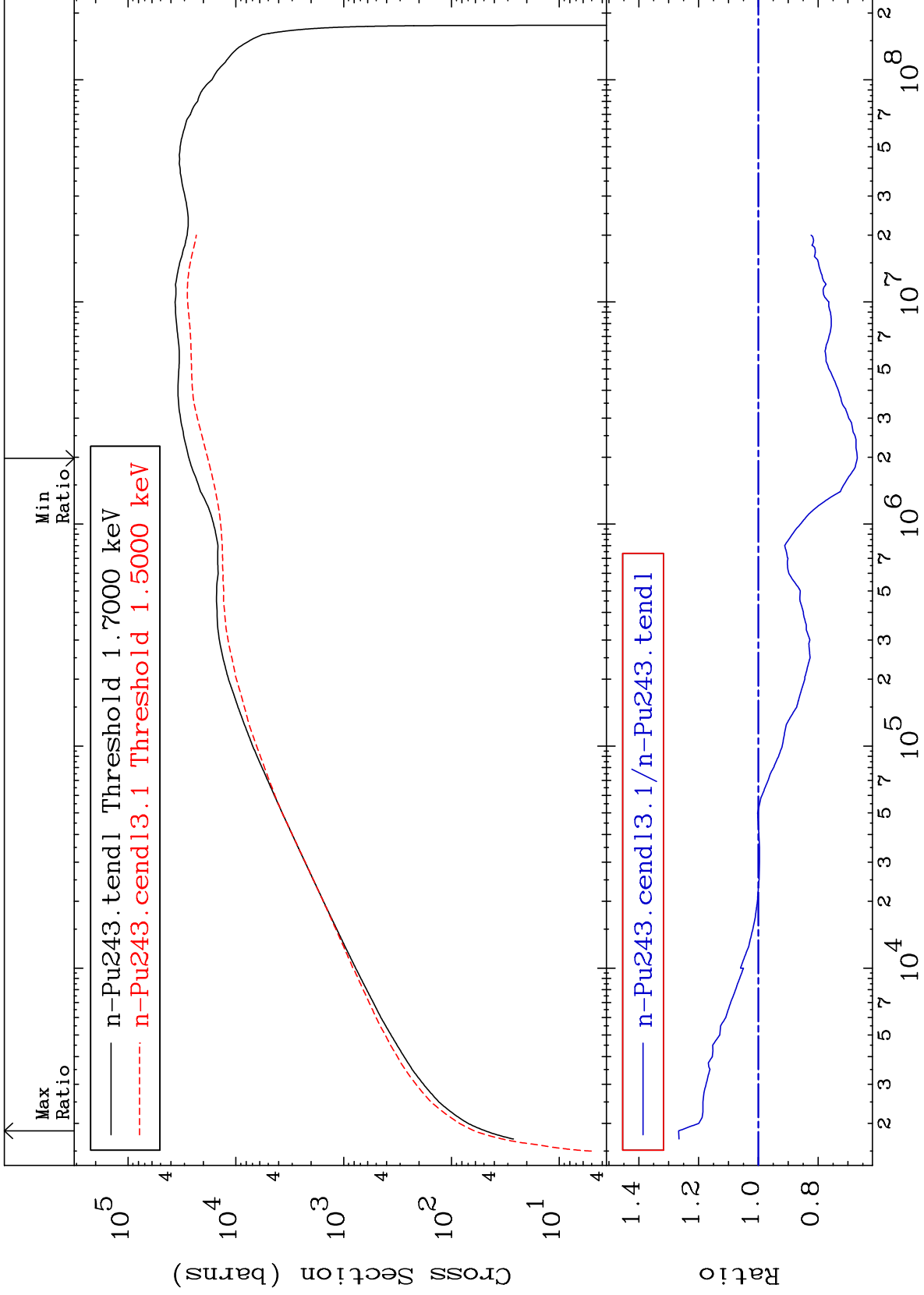
Cross Section



MAT 9449

Dpa elastic (mt2)
Cross Section

94-Pu-243
-33.10 To 26.66 %



MAT 9449

Dpa inelastic (mt51-91)
Cross Section

94-Pu-243
-57.48 To 1887. %

