

94-Pu-245

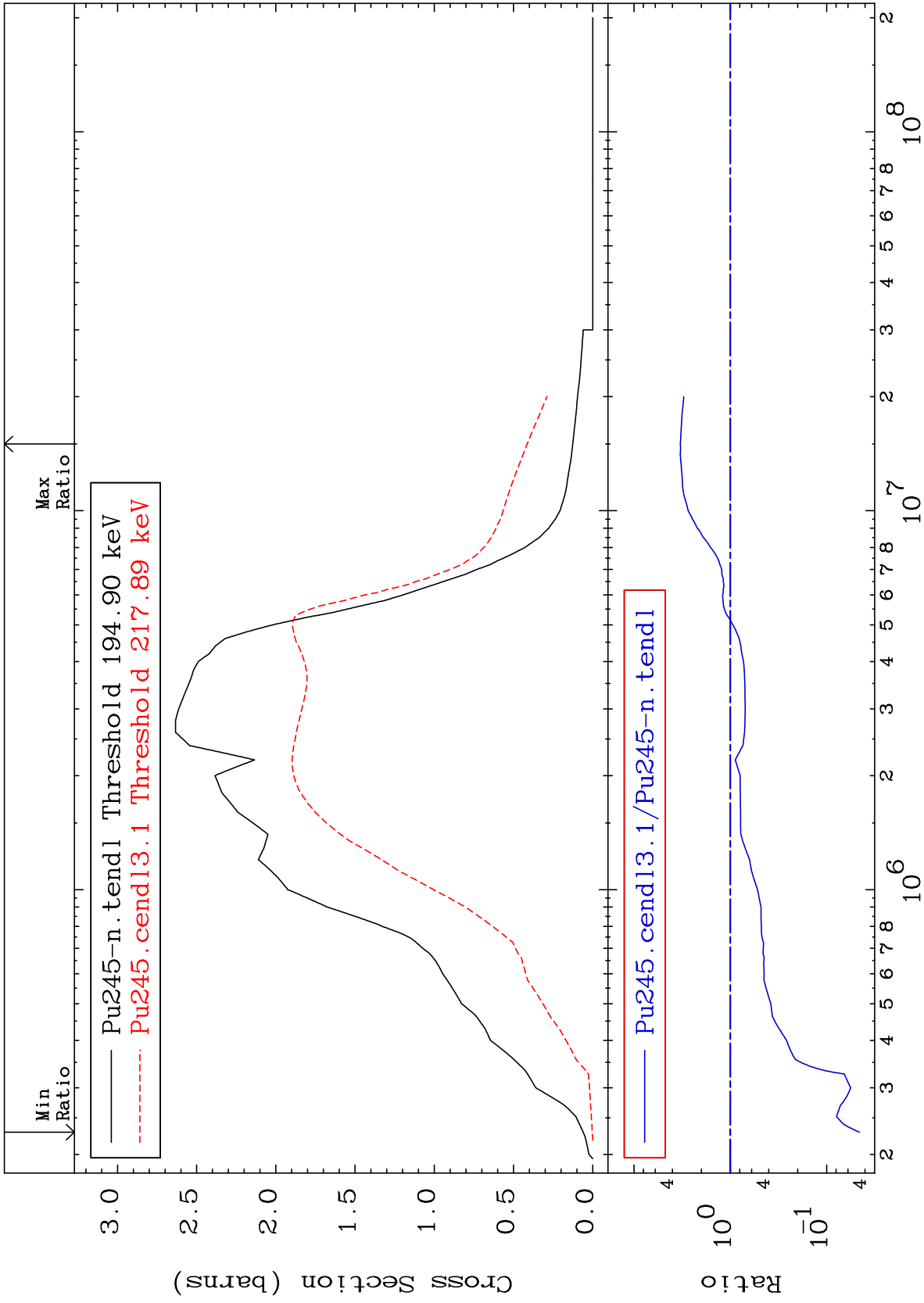
Incident Energy (KeV)

1

MAT 9455

Inelastic
Cross Section

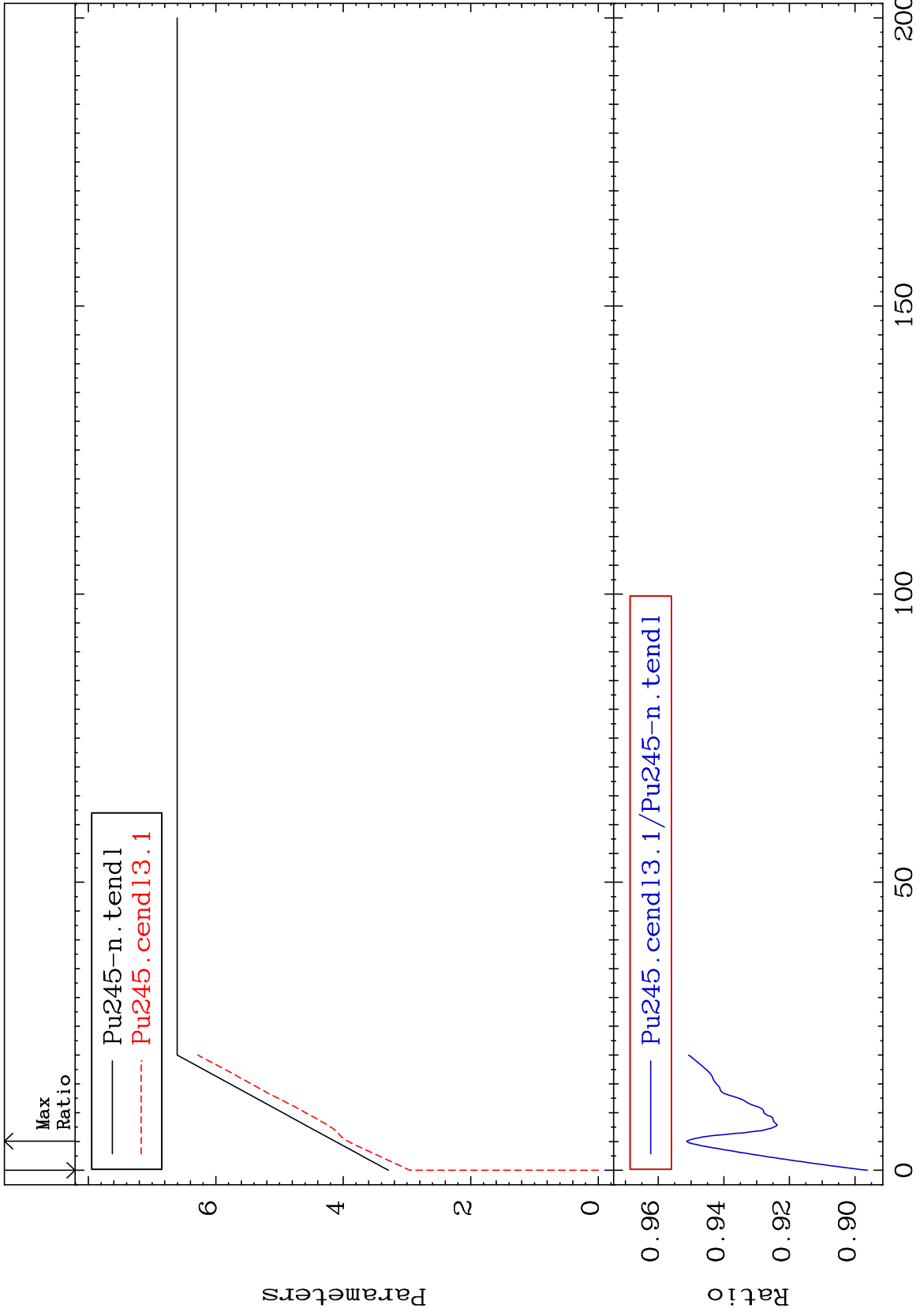
94-Pu-245
-95.43 To 230.0 %



MAT 9455

Total $\bar{\nu}$
Parameters

94-Pu-245
-10.38 To -4.867%



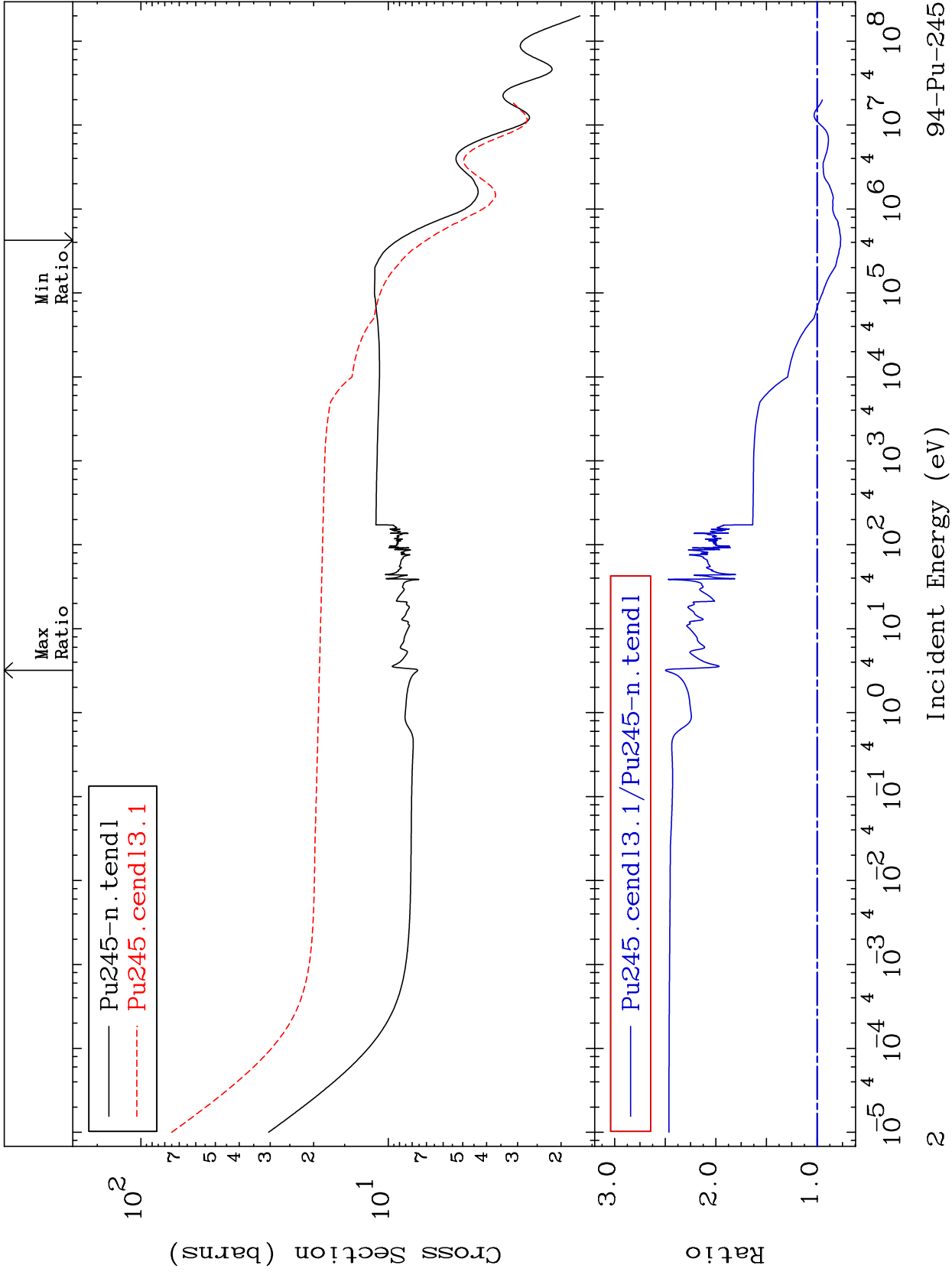
1

Incident Energy (MeV)

94-Pu-245

MAT 9455

Elastic Cross Section
-23.26 To 149.7 %



94-Pu-245

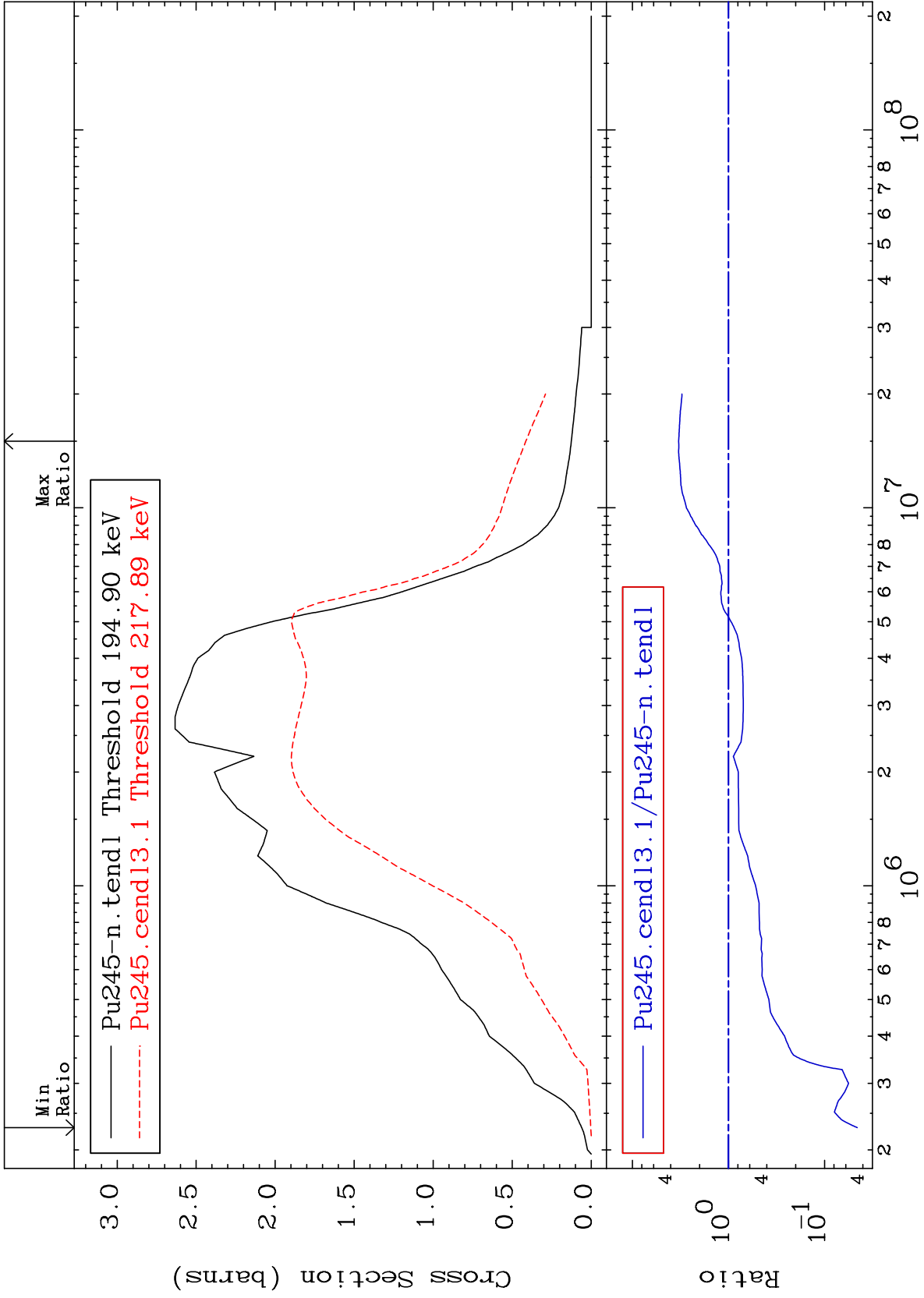
Incident Energy (eV)

2

MAT 9455

Inelastic
Cross Section

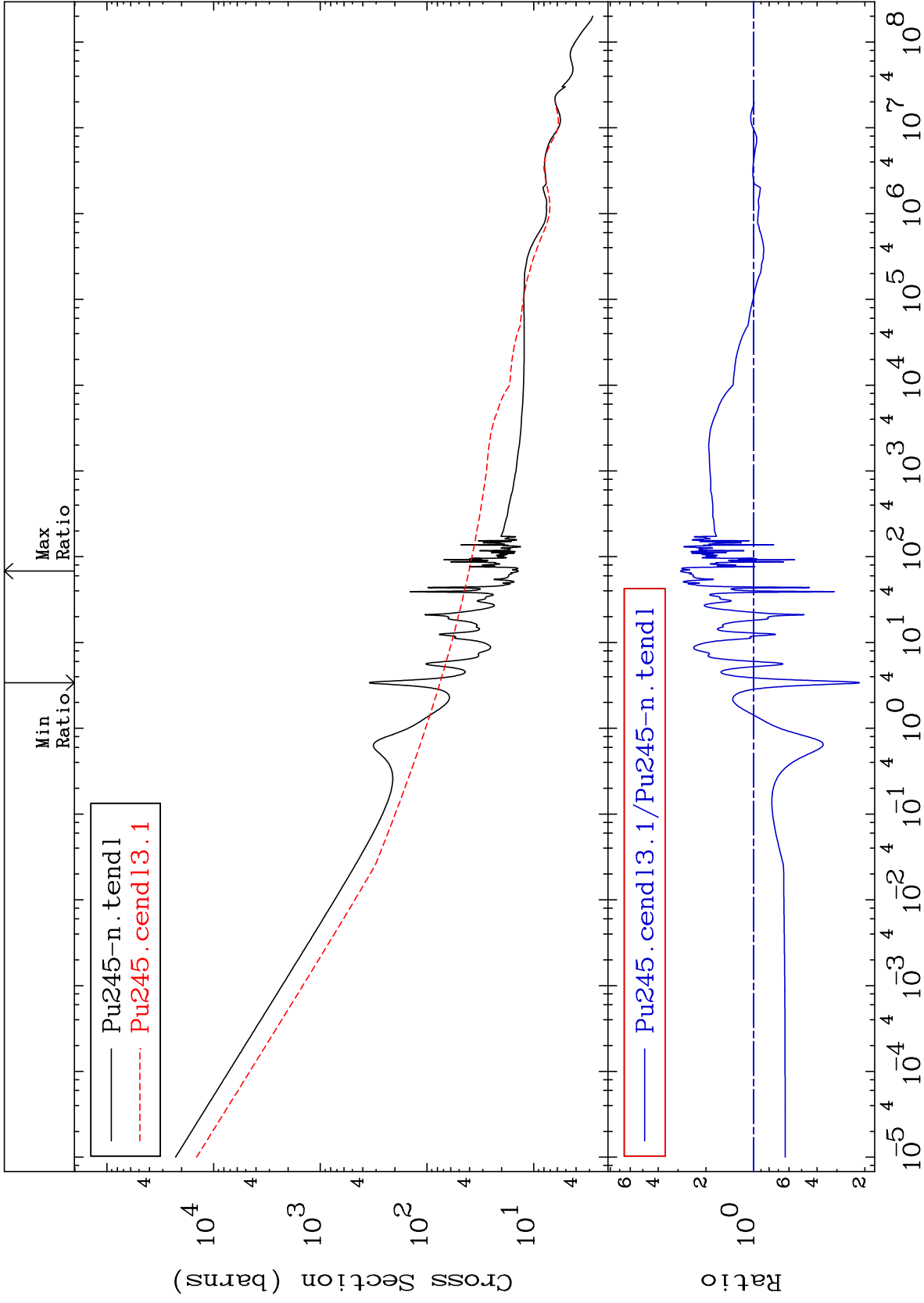
94-Pu-245
-95.43 To 230.0 %



MAT 9455

Total
Cross Section

94-Pu-245
-78.38 To 189.9 %

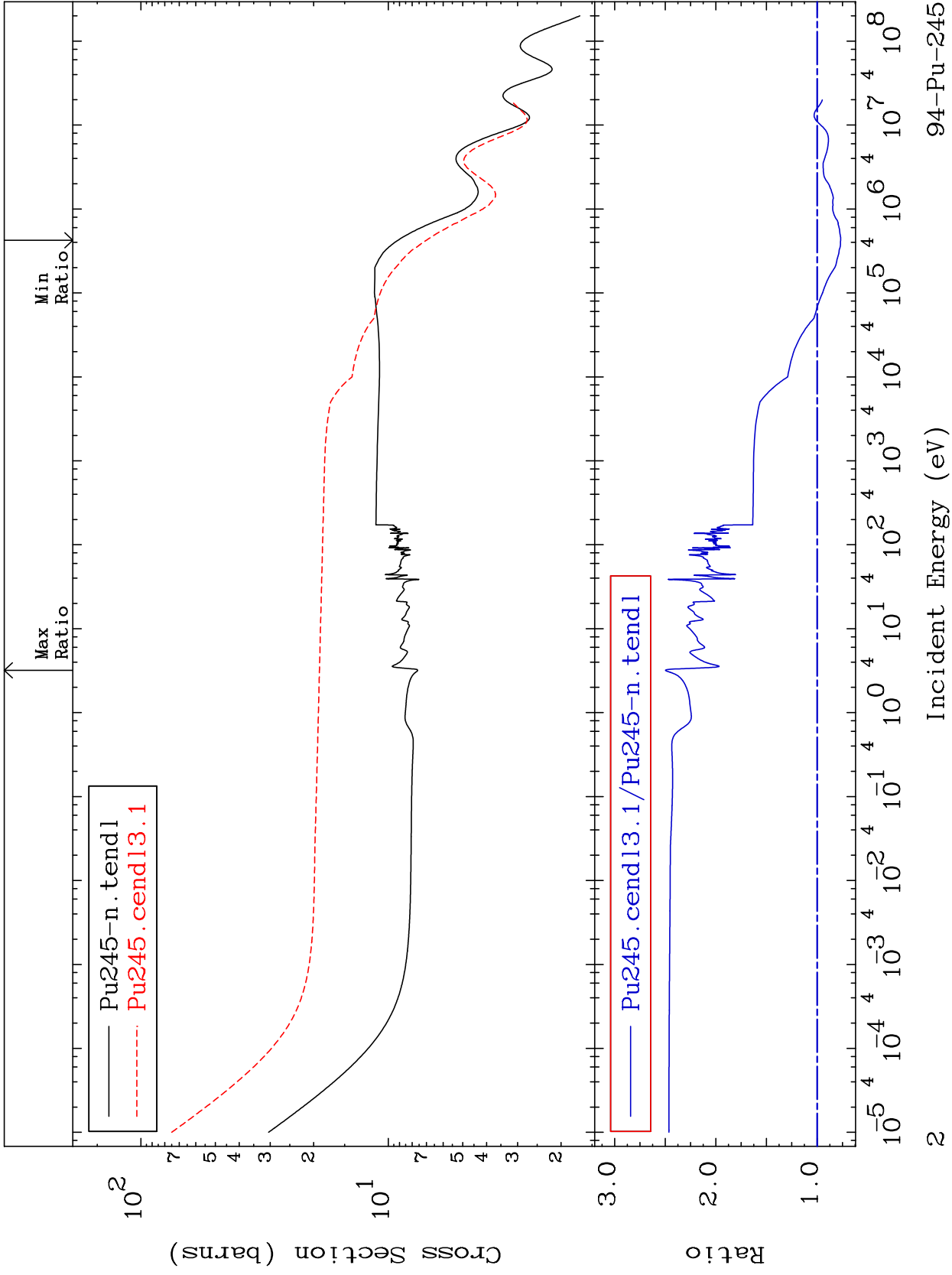


Incident Energy (eV)

94-Pu-245

MAT 9455

Elastic Cross Section
-23.26 To 149.7 %



94-Pu-245

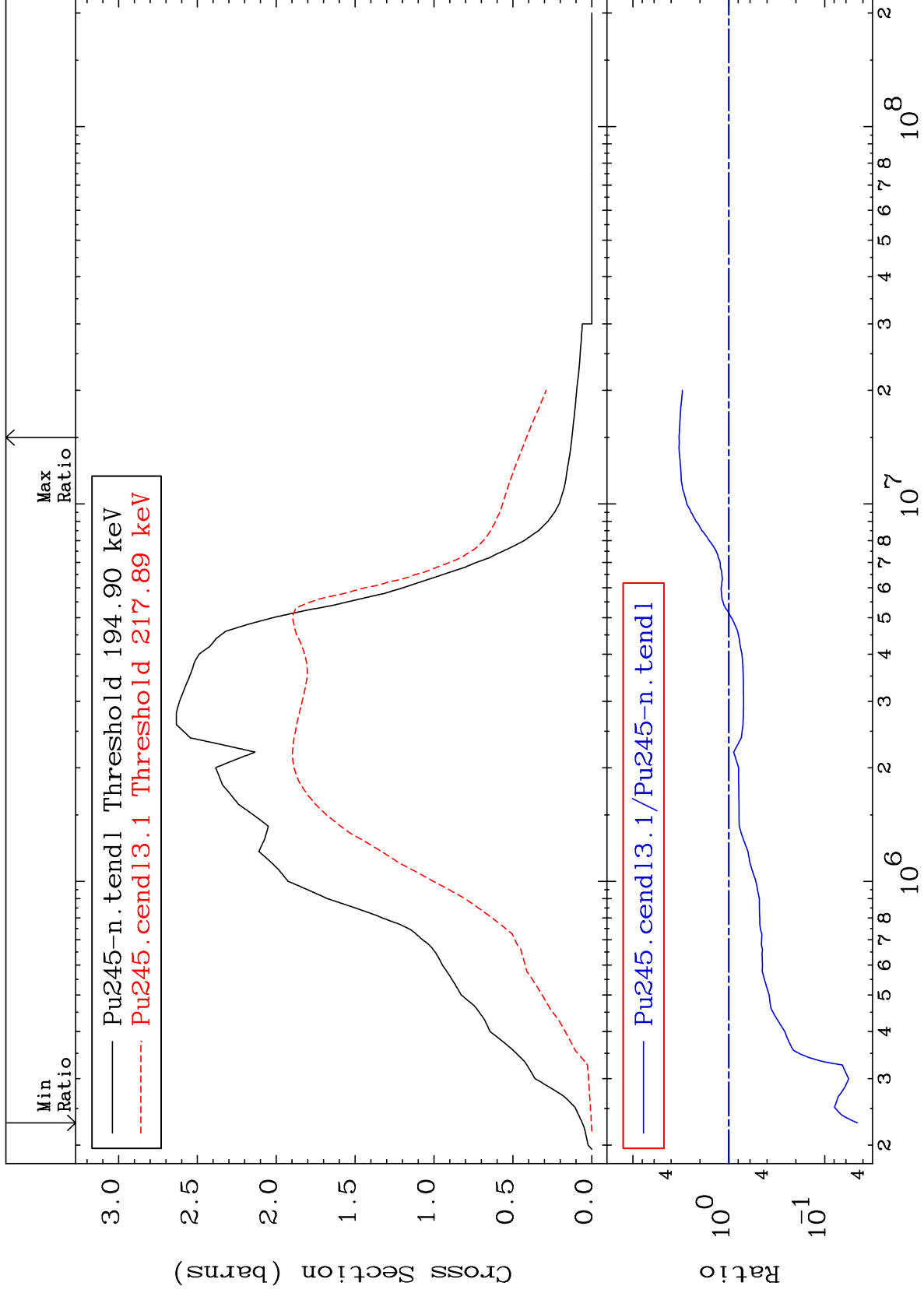
Incident Energy (eV)

2

MAT 9455

Inelastic
Cross Section

94-Pu-245
-95.43 To 230.0 %



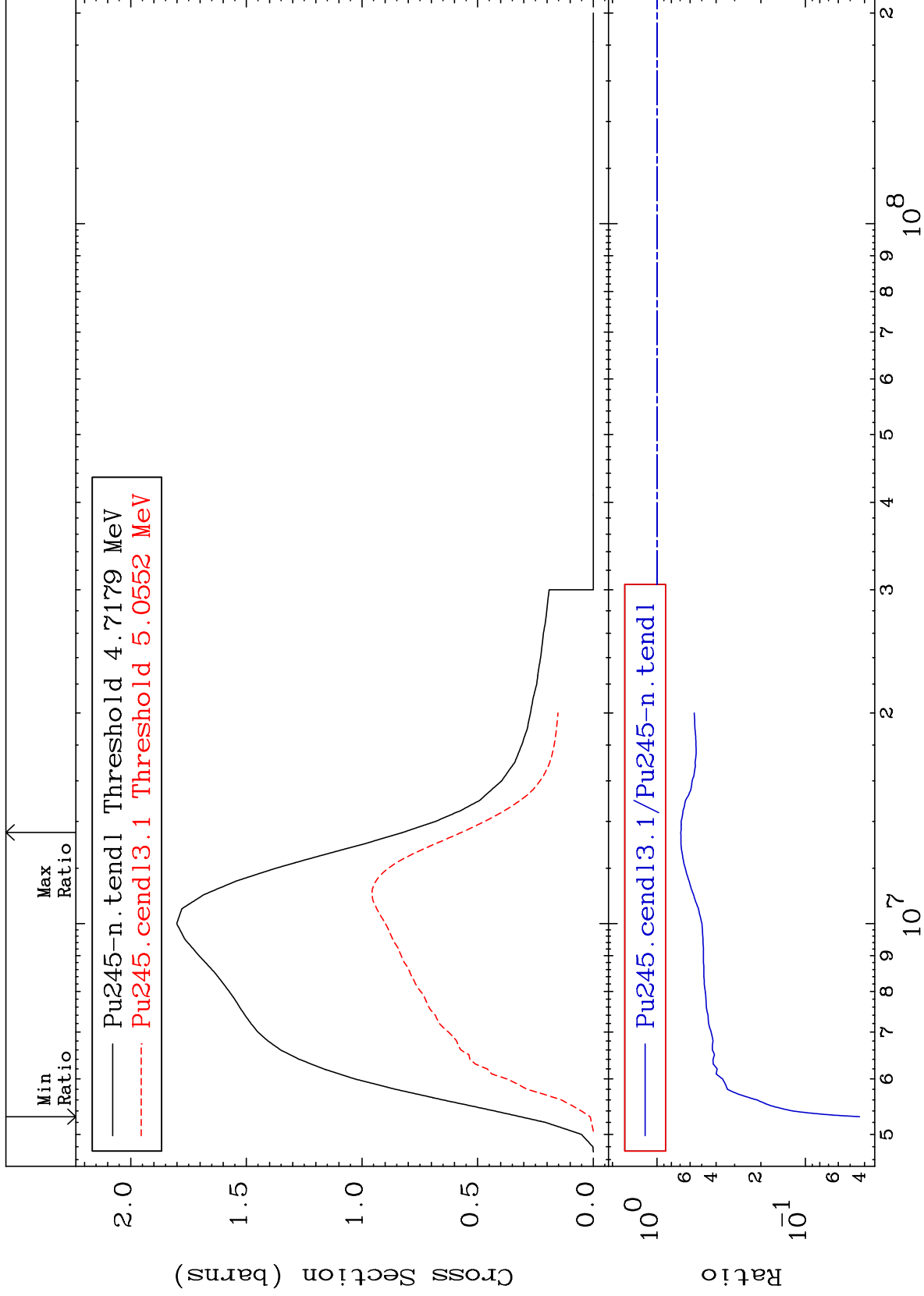
MAT 9455

(n,2n)

94-Pu-245

Cross Section

-95.68 To -30.77%



4

Incident Energy (eV)

94-Pu-245

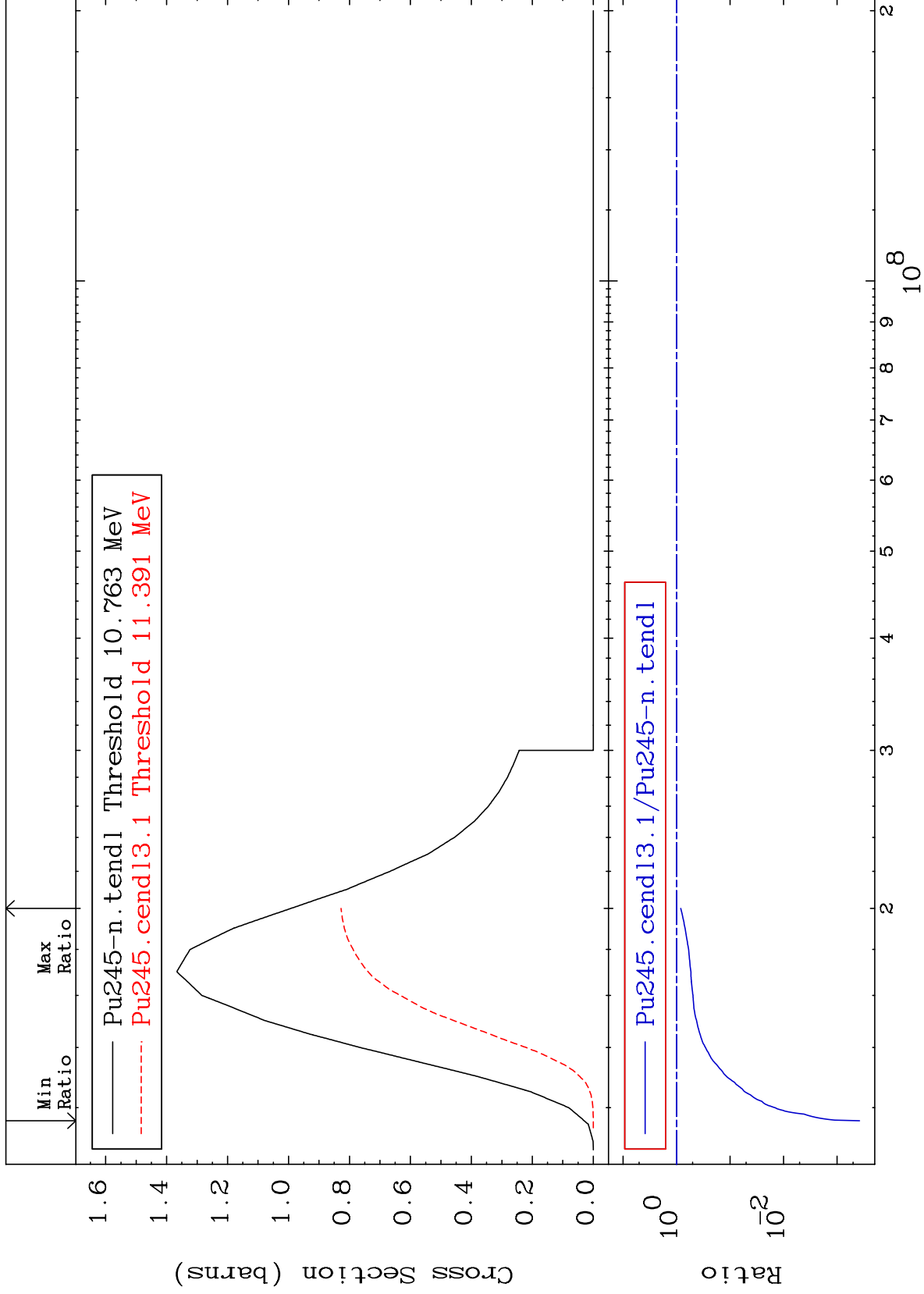
MAT 9455

(n,3n)

94-Pu-245

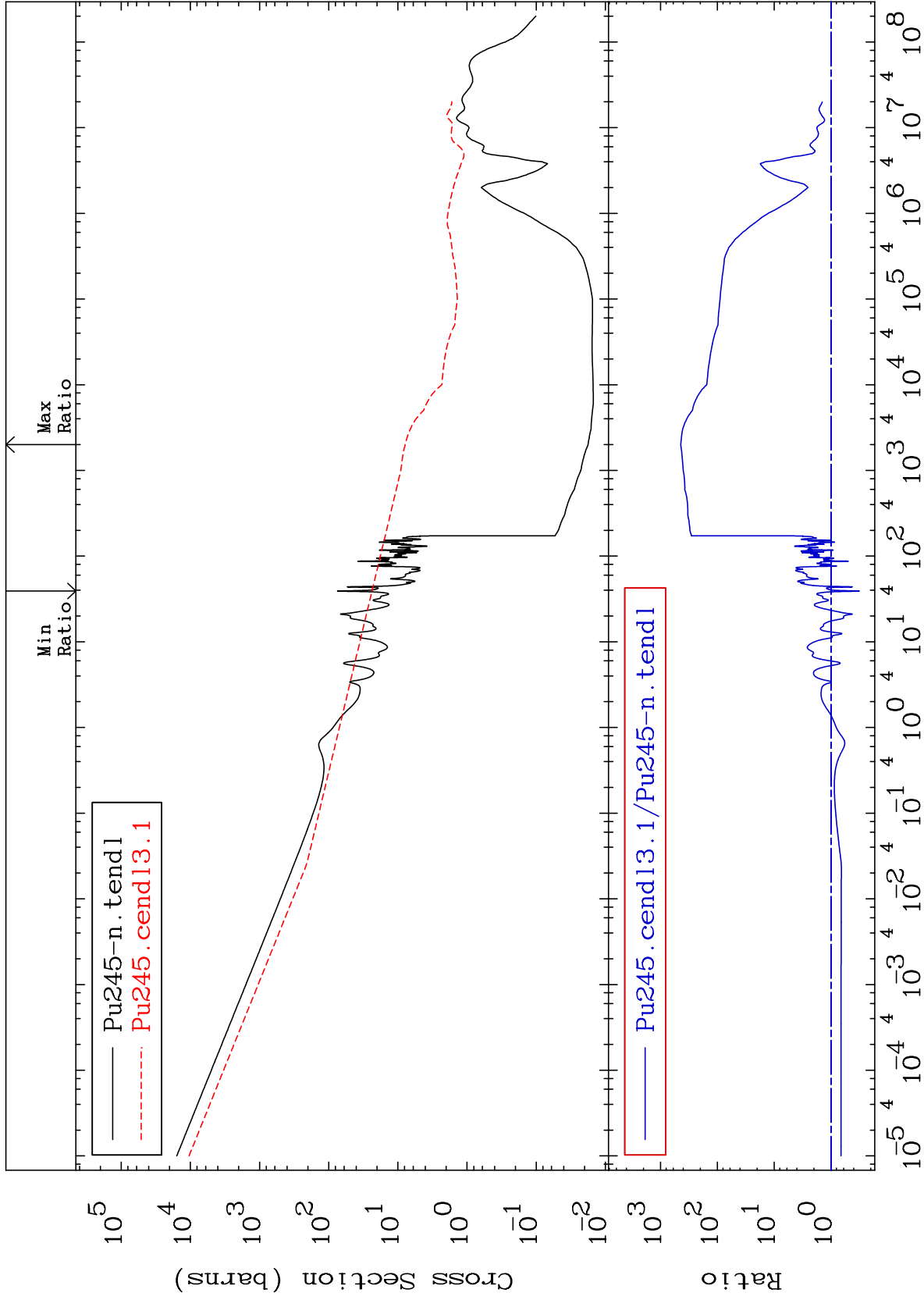
Cross Section

-99.96 To -16.58%



MAT 9455

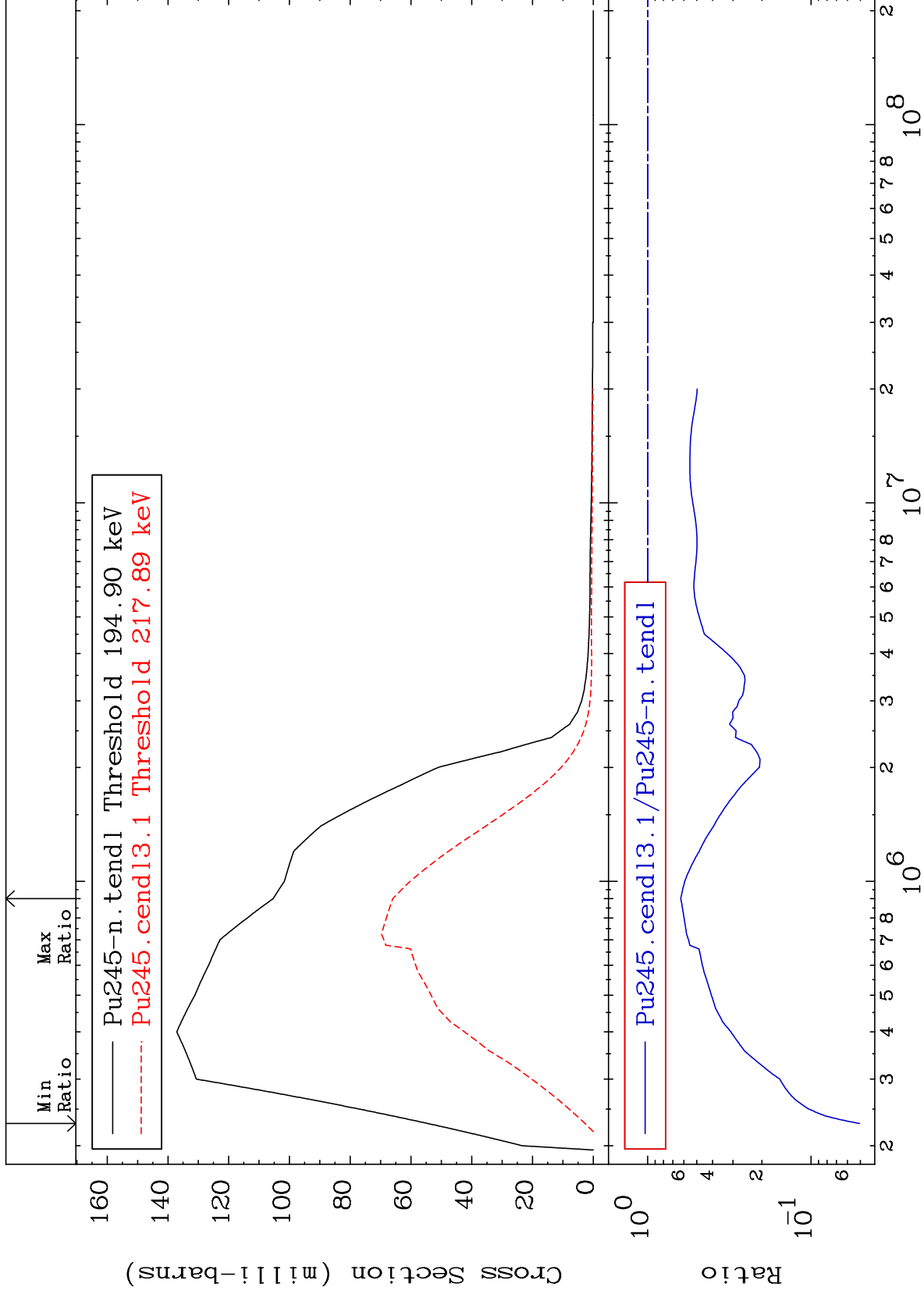
Fission Cross Section
94-Pu-245
-68.51 To 9999. %



MAT 9455

194.1 keV (n,n') Level
Cross Section

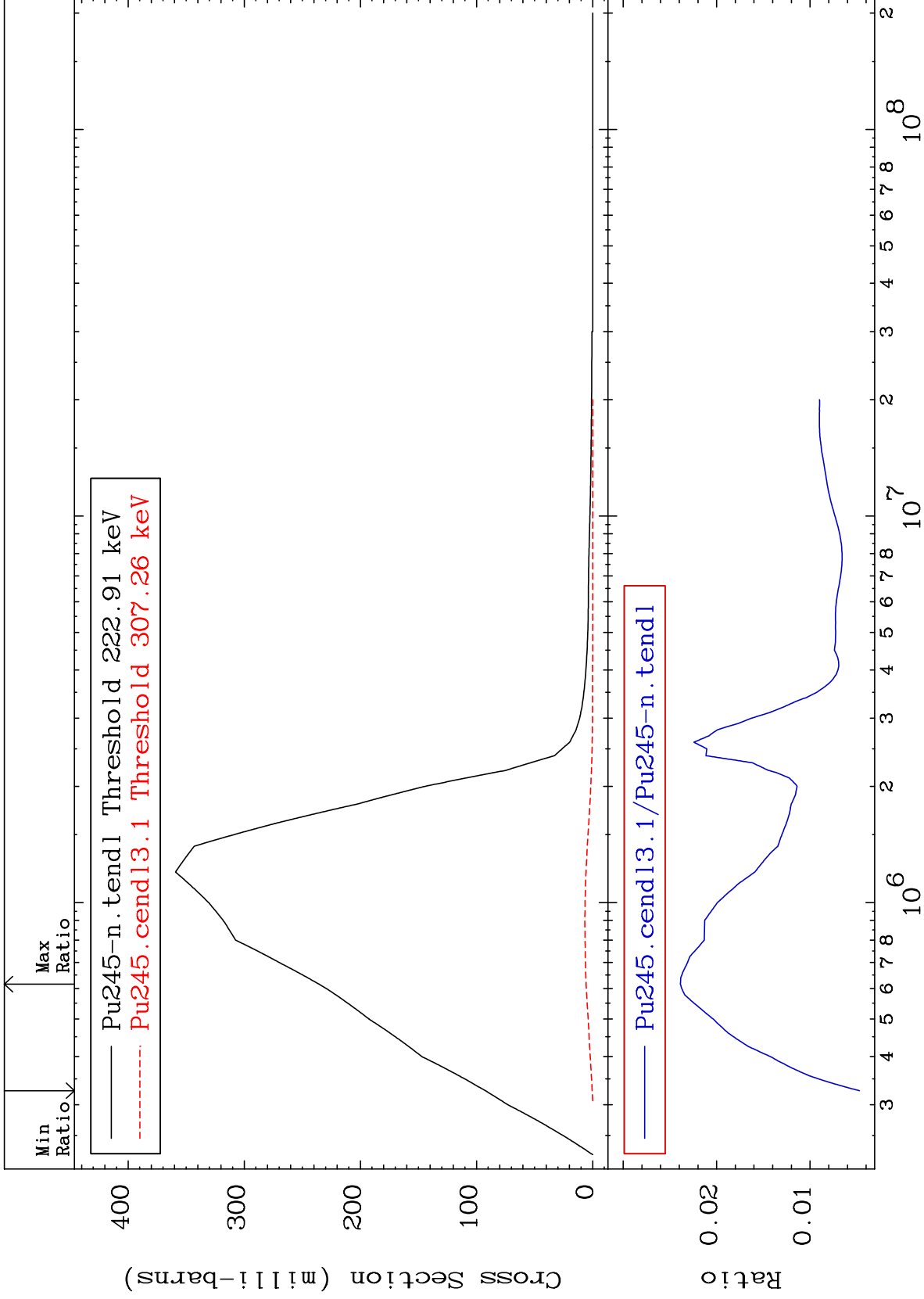
94-Pu-245
-94.94 To -37.36%



MAT 9455

222.0 keV (n,n') Level
Cross Section

94-Pu-245
-99.53 To -97.61%



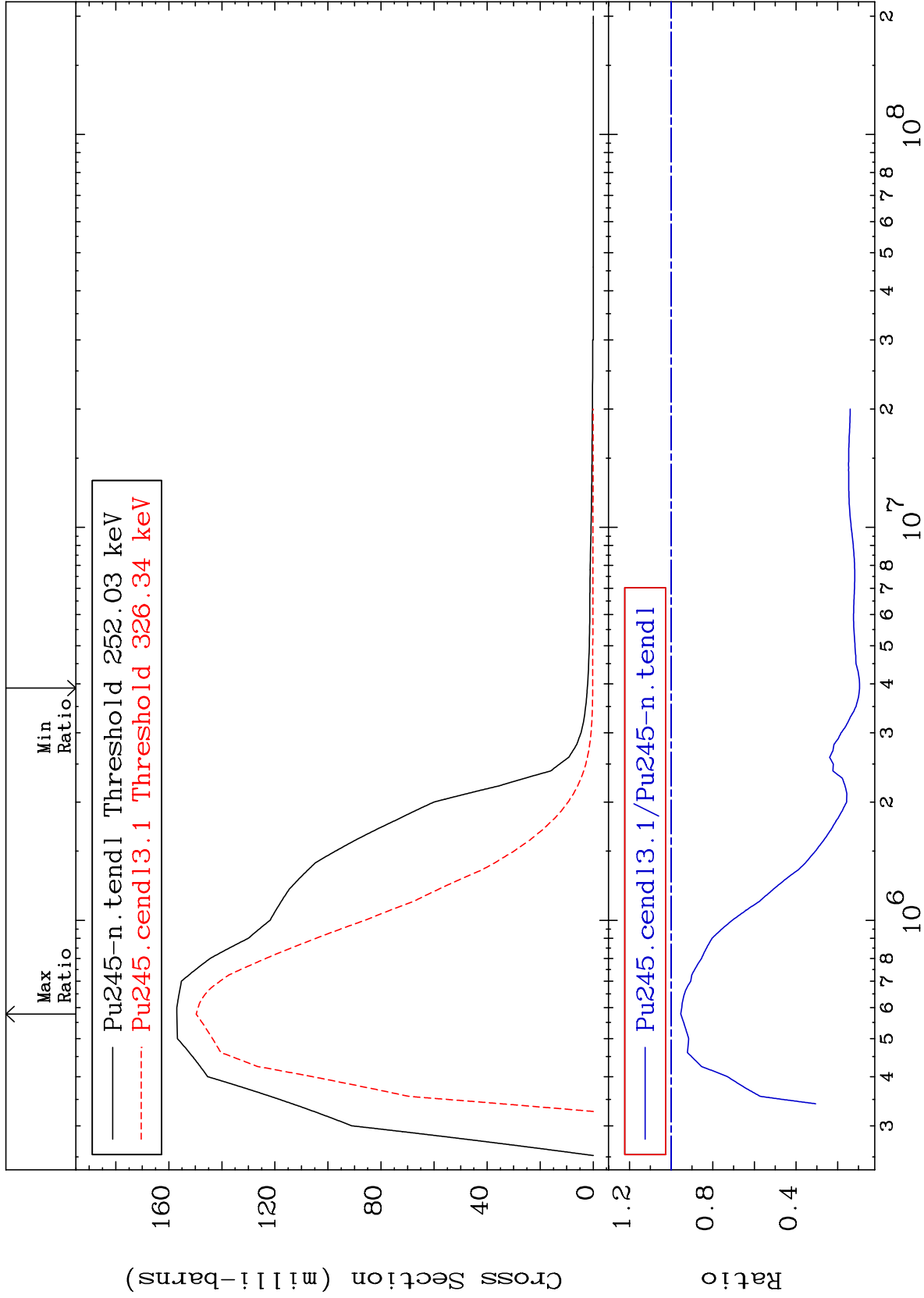
MAT 9455

251.0 keV (n,n') Level

94-Pu-245

-90.45 To -4.630%

Cross Section



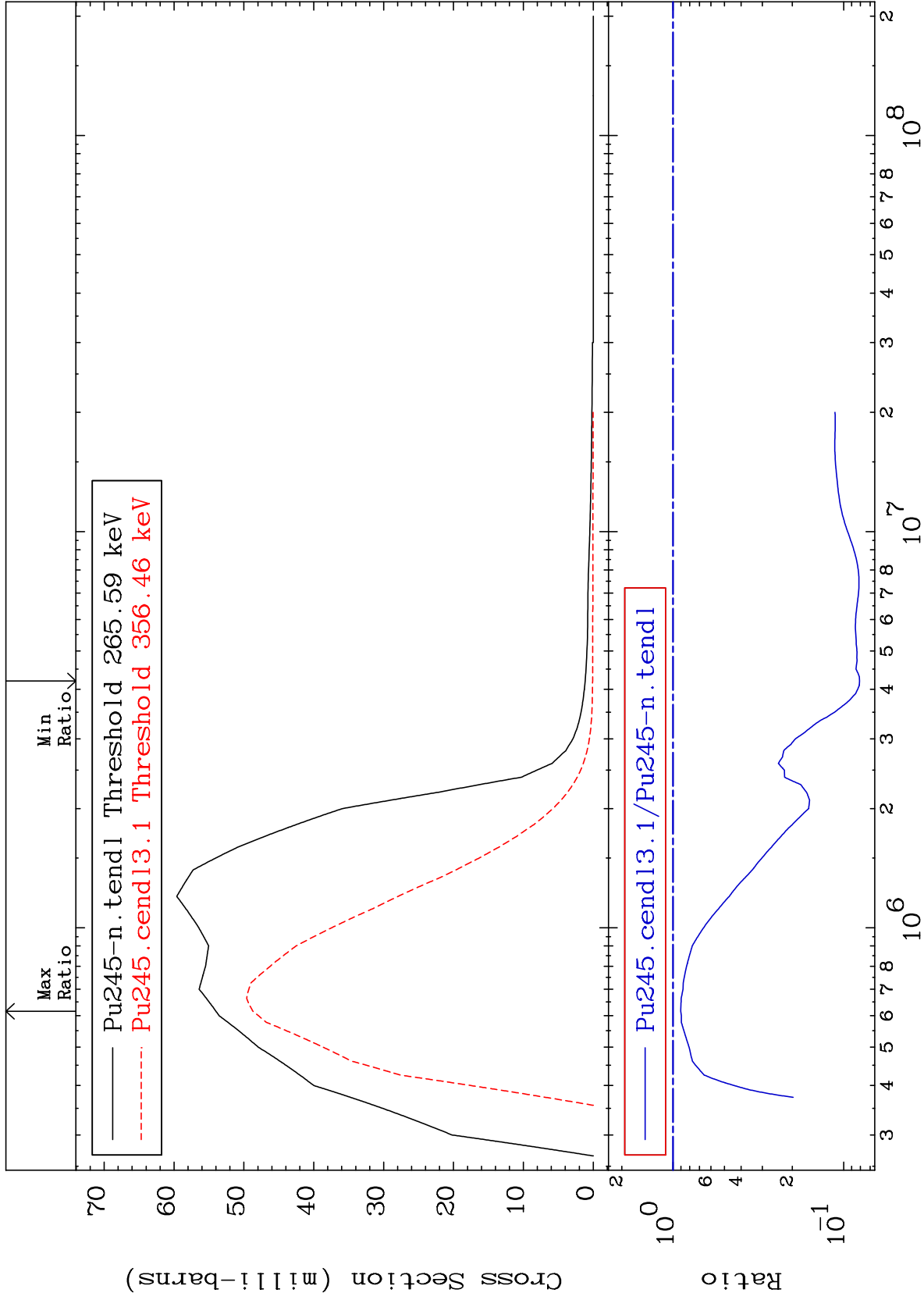
MAT 9455

264.5 keV (n,n') Level

94-Pu-245

Cross Section

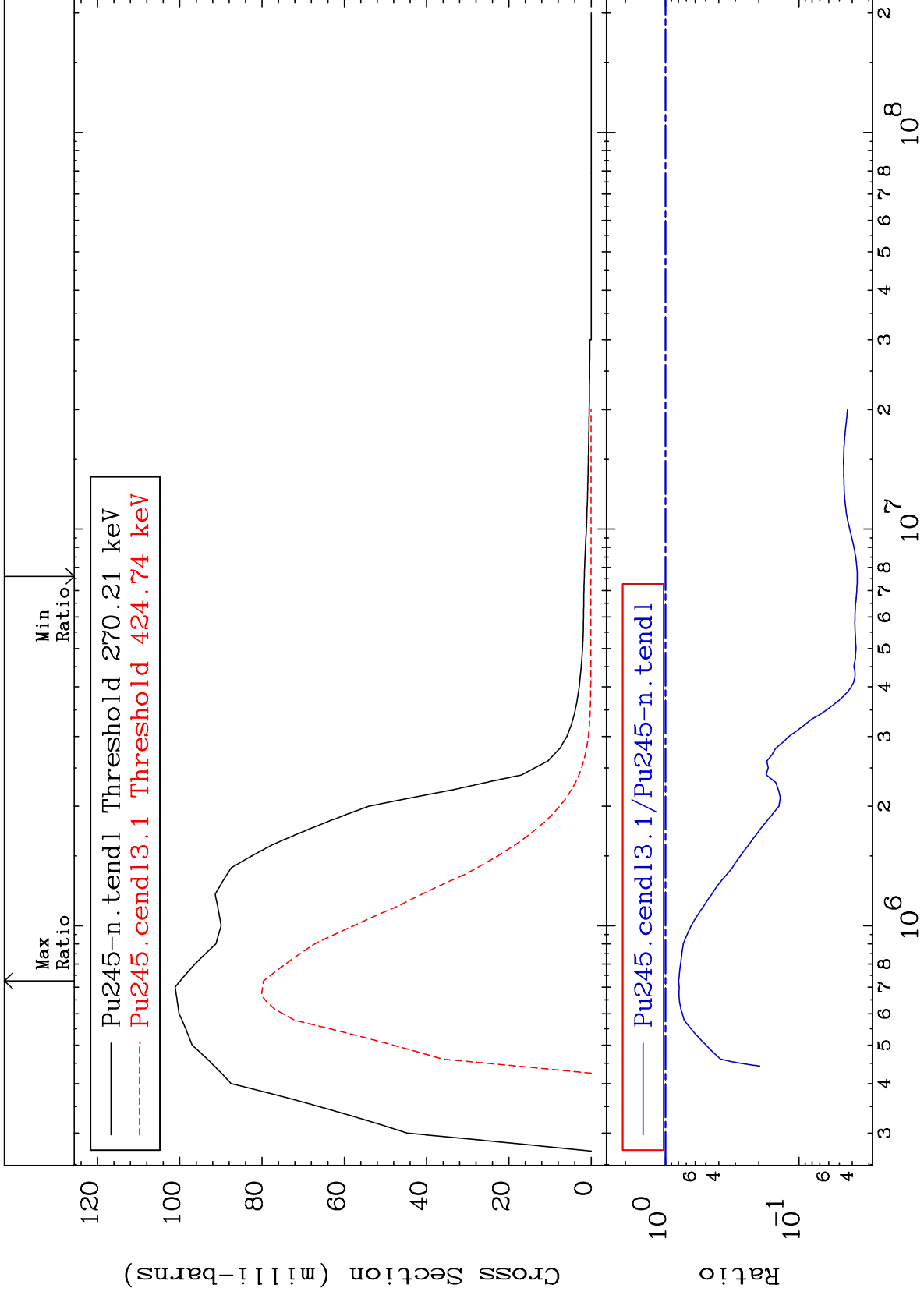
-91.92 To -9.813%



MAT 9455

269.1 keV (n,n') Level
Cross Section

94-Pu-245
-96.33 To -20.27%



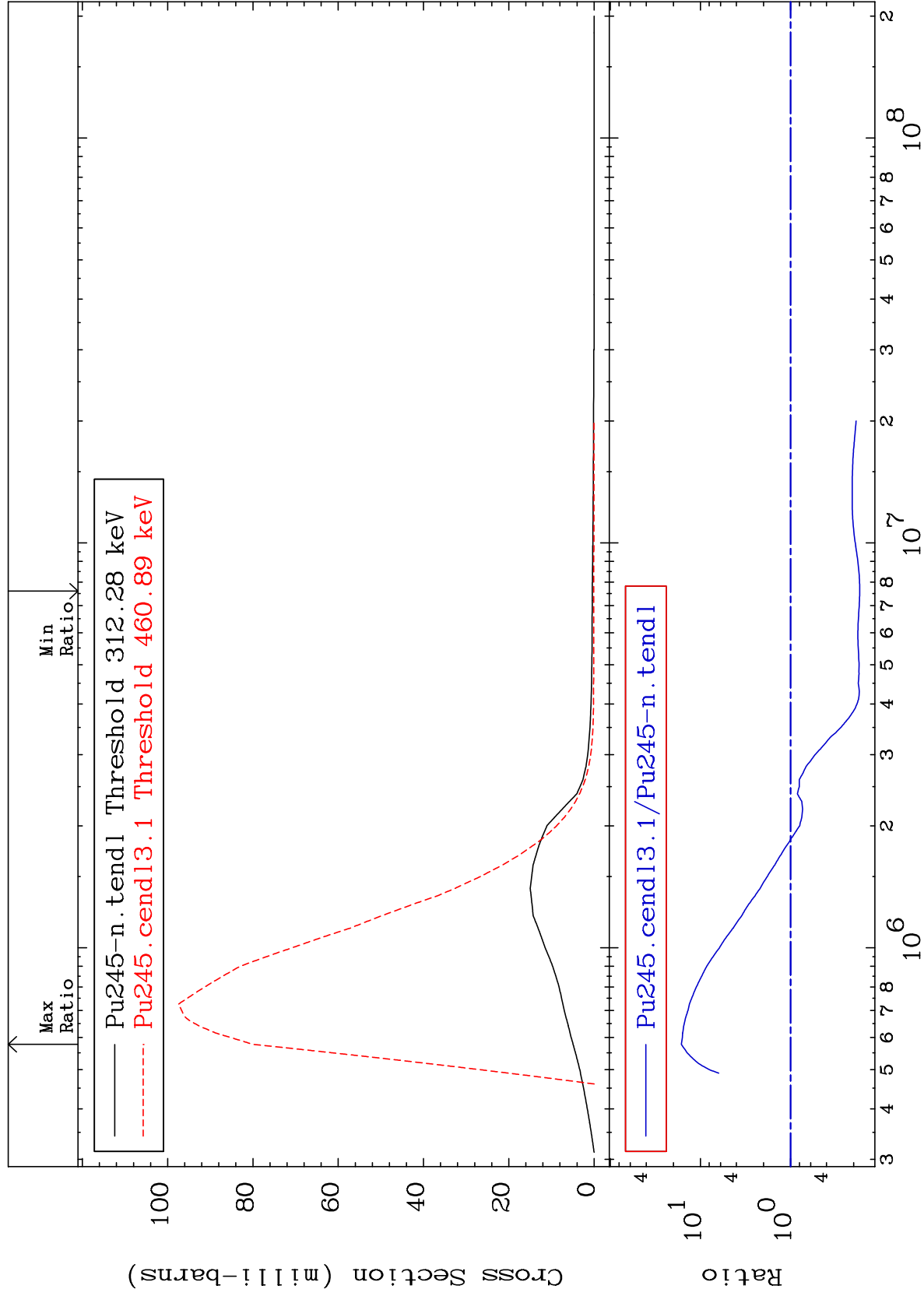
MAT 9455

311.0 keV (n,n') Level

94-Pu-245

-82.85 To 1529. %

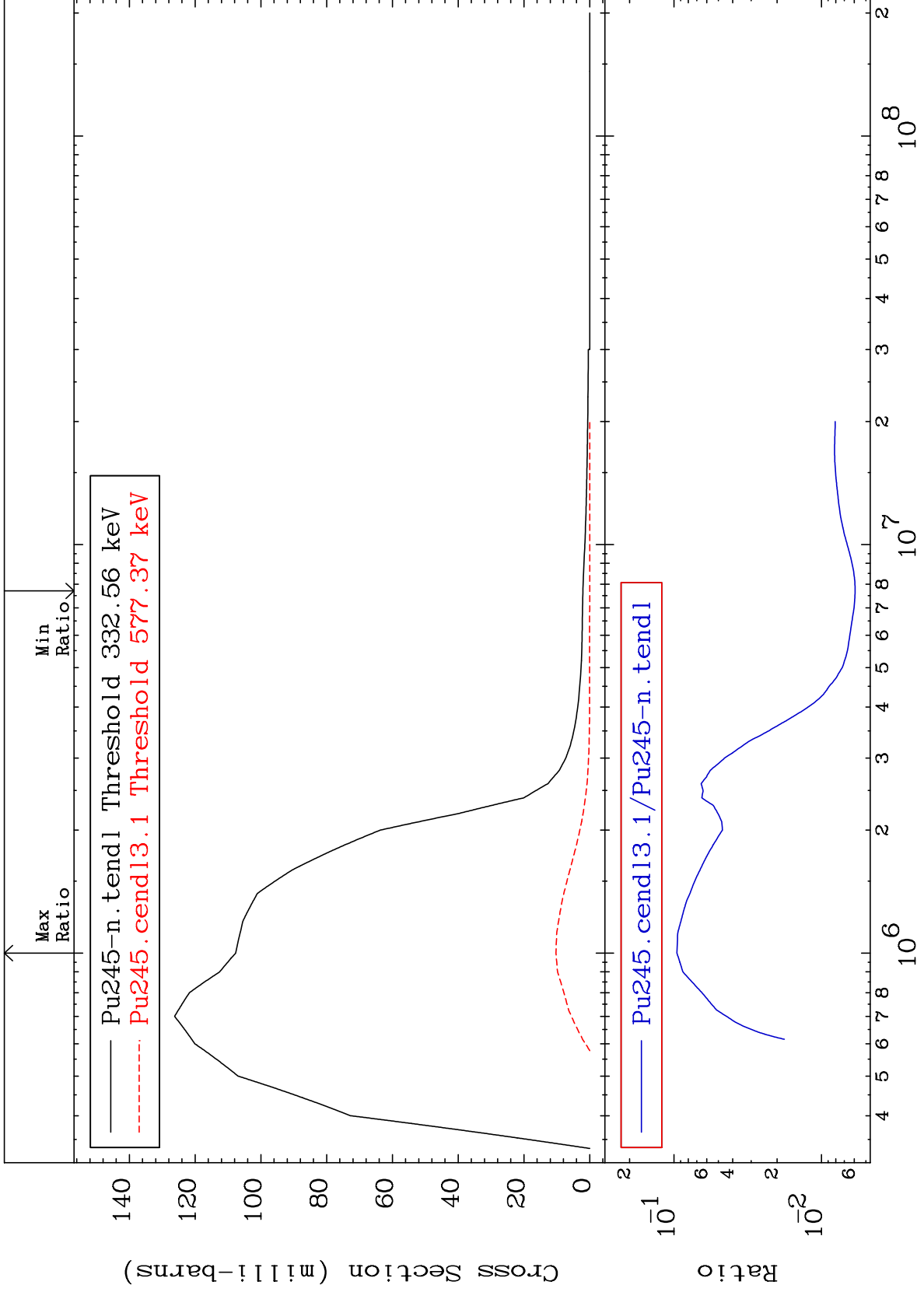
Cross Section



MAT 9455

331.2 keV (n,n') Level
Cross Section

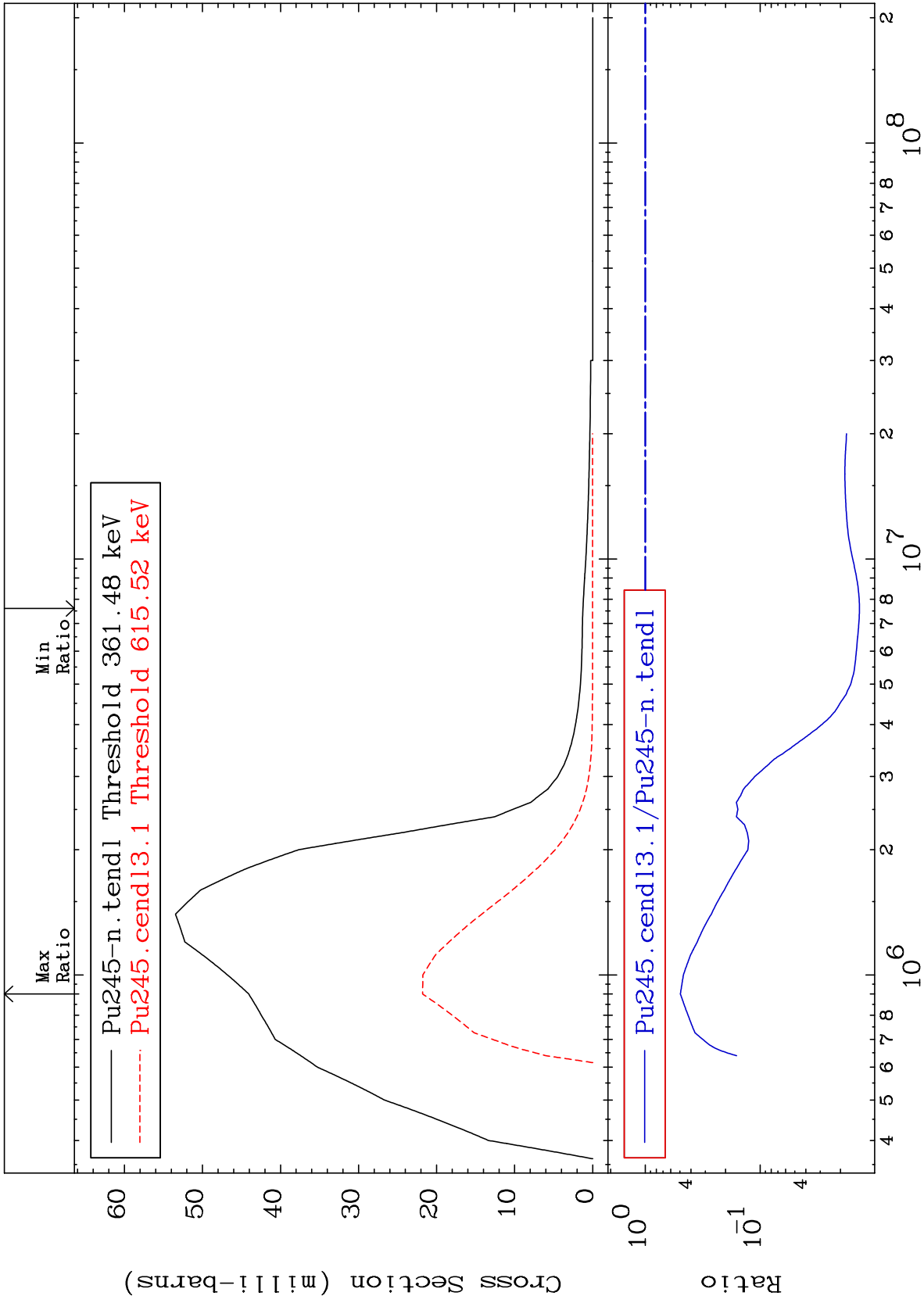
94-Pu-245
-99.41 To -90.46%



MAT 9455

360.0 keV (n,n') Level
Cross Section

94-Pu-245
-98.63 To -50.55%



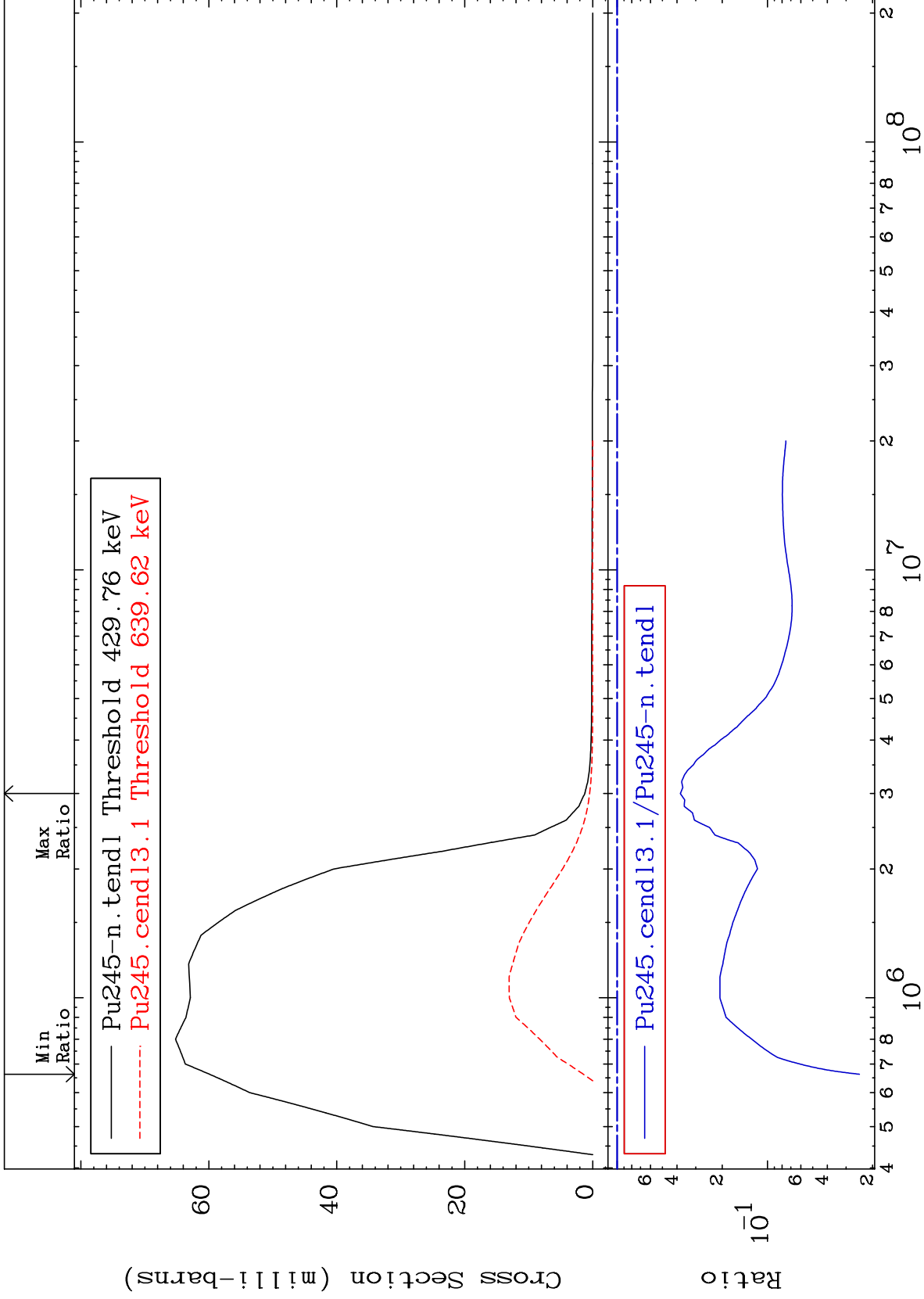
14

94-Pu-245

MAT 9455

428.0 keV (n,n') Level
Cross Section

94-Pu-245
-97.56 To -62.03%



15

94-Pu-245

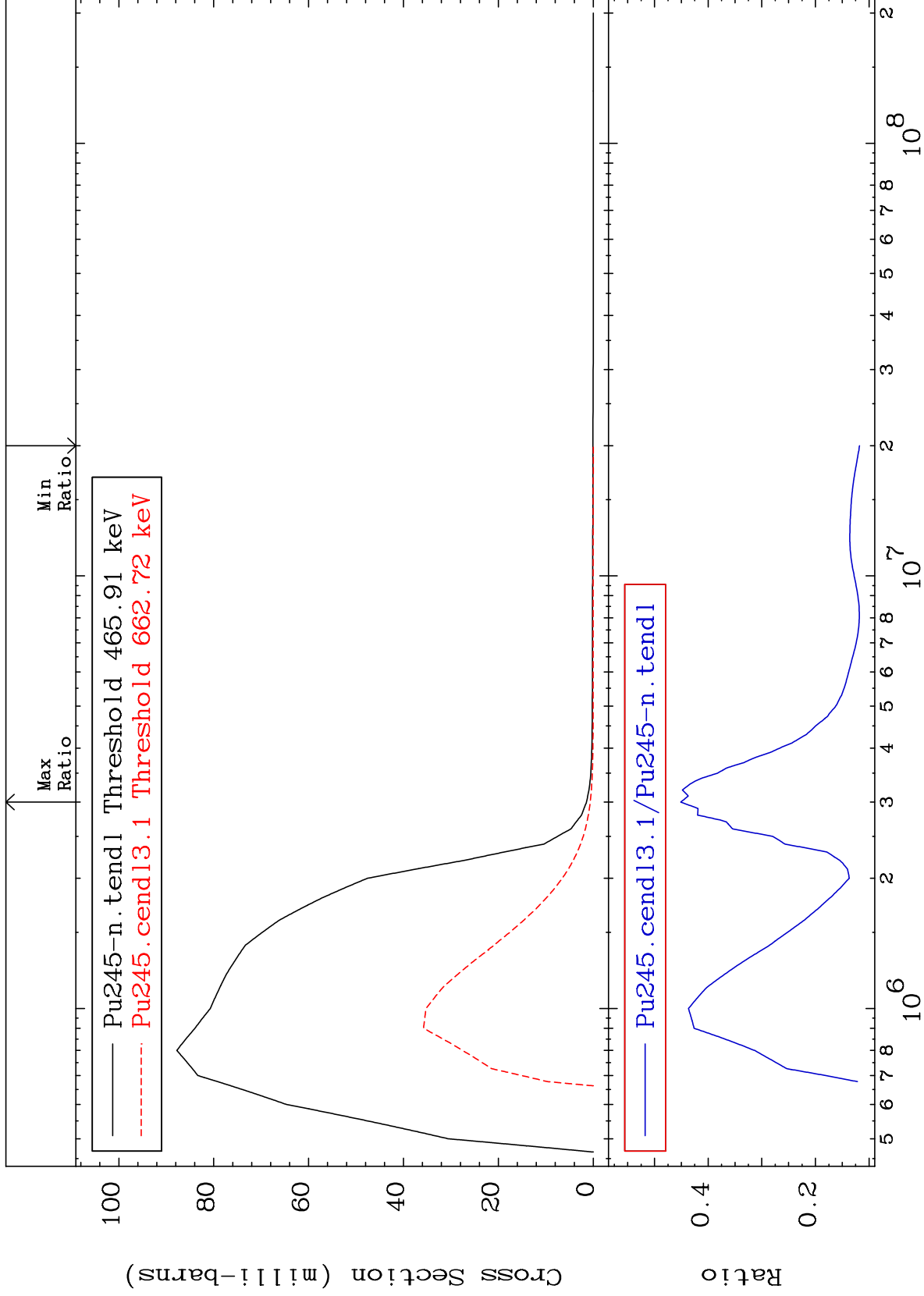
MAT 9455

464.0 keV (n,n') Level

94-Pu-245

-88.22 To -54.89%

Cross Section



16

Incident Energy (eV)

94-Pu-245

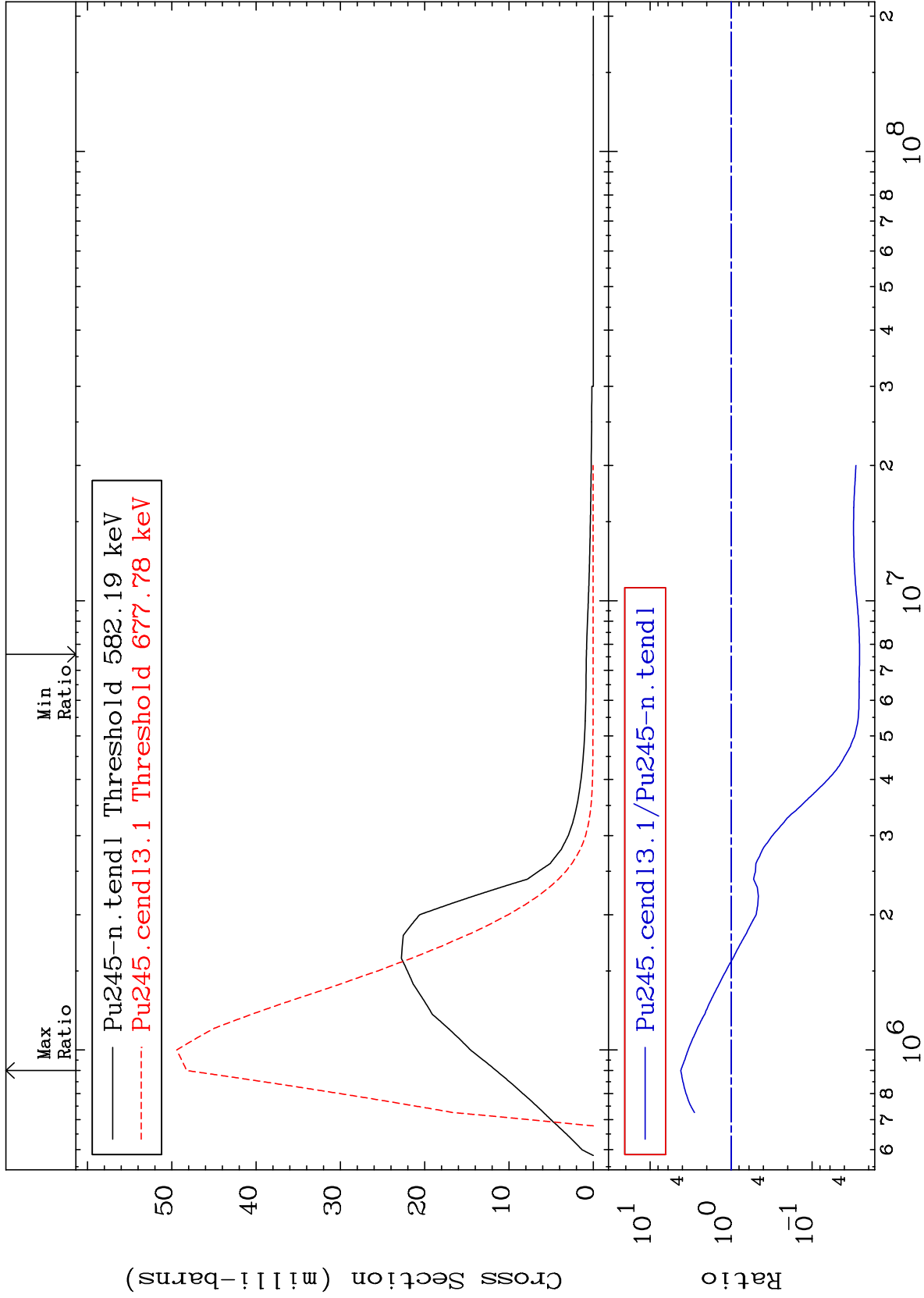
MAT 9455

579.8 keV (n,n') Level

94-Pu-245

-97.40 To 318.4 %

Cross Section



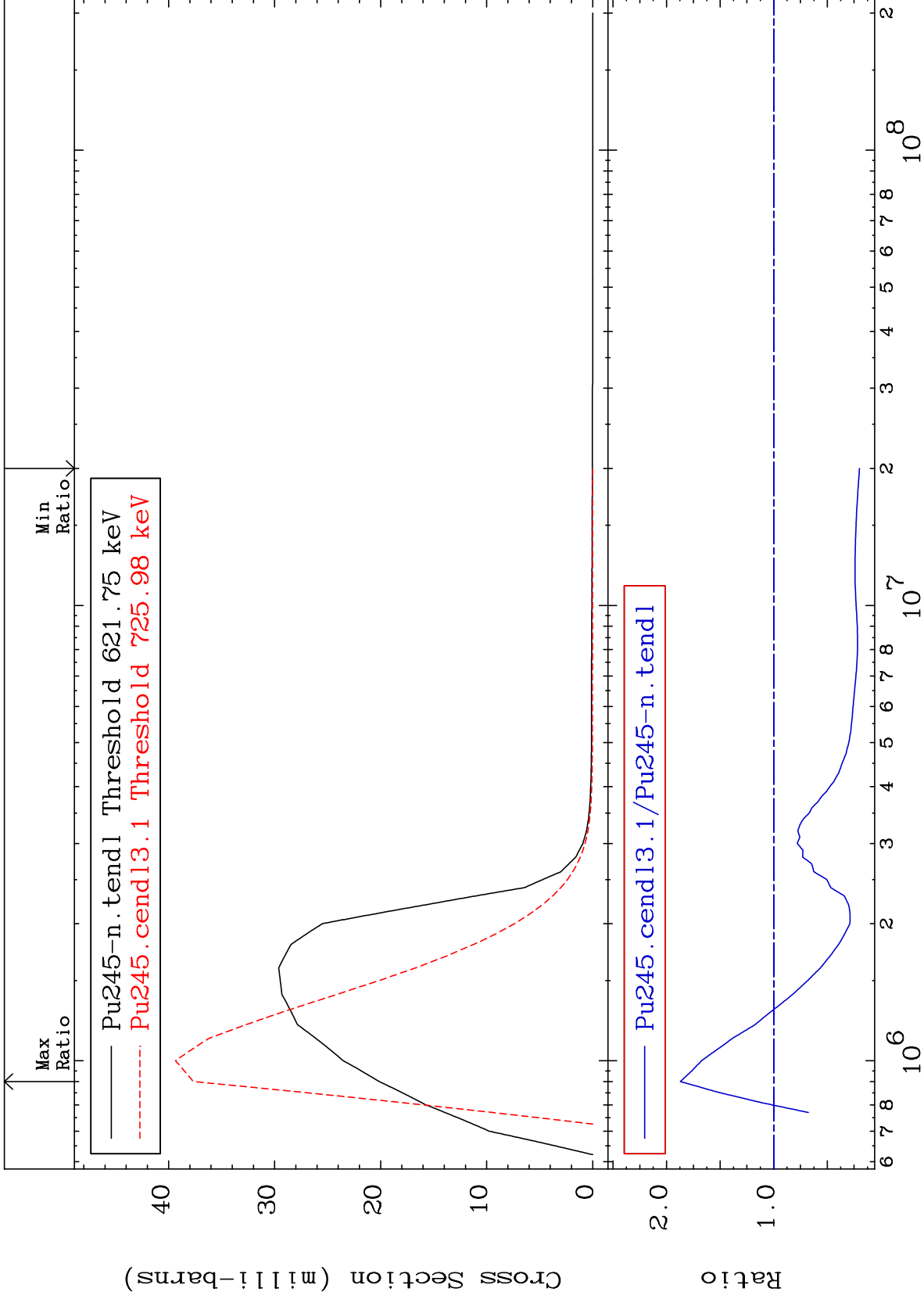
17

94-Pu-245

MAT 9455

619.2 keV (n,n') Level
Cross Section

94-Pu-245
-79.98 To 87.12 %



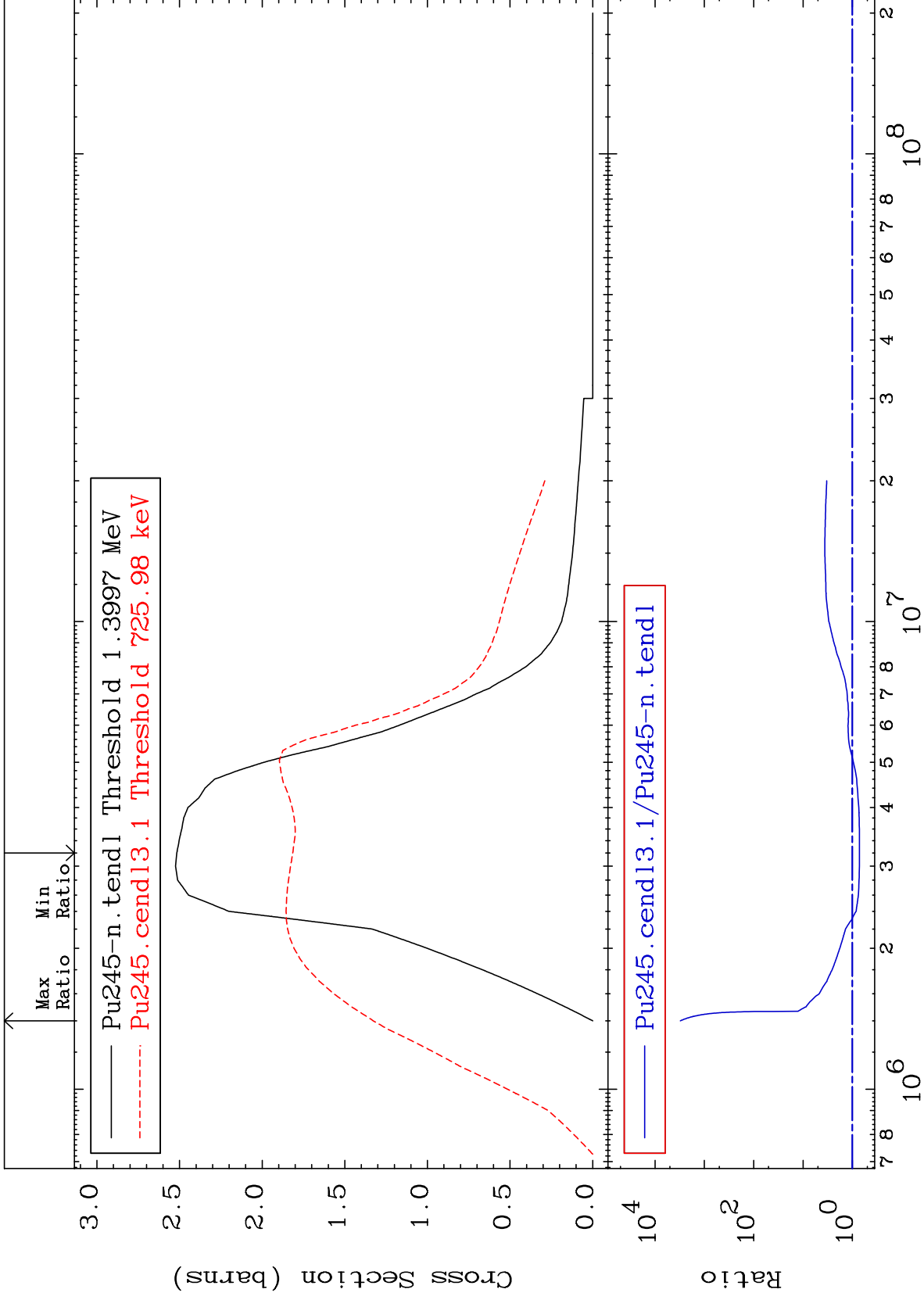
18

94-Pu-245

MAT 9455

(n, n') Continuum
Cross Section

94-Pu-245
-27.89 To 9999. %



19

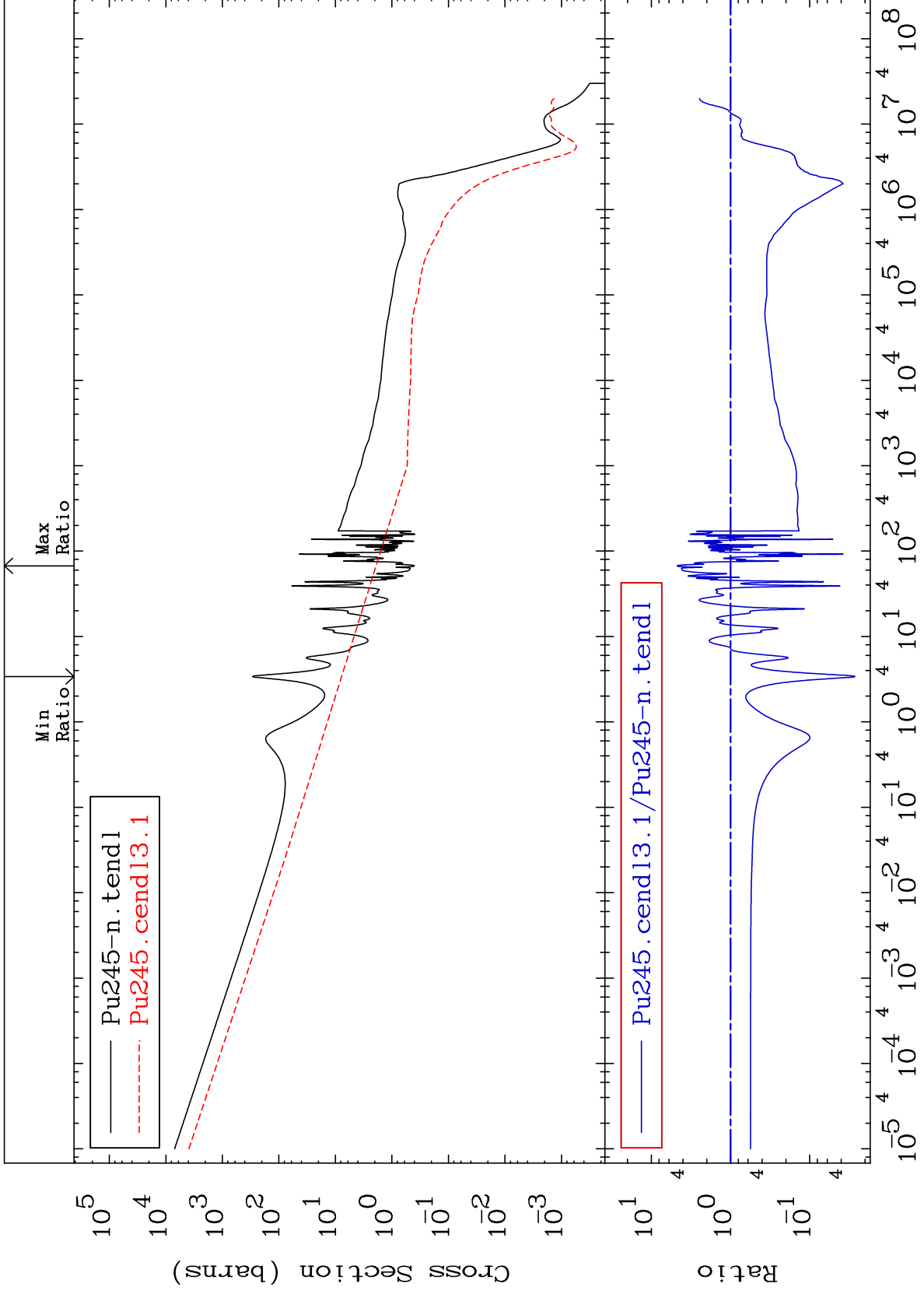
Incident Energy (eV)

94-Pu-245

MAT 9455

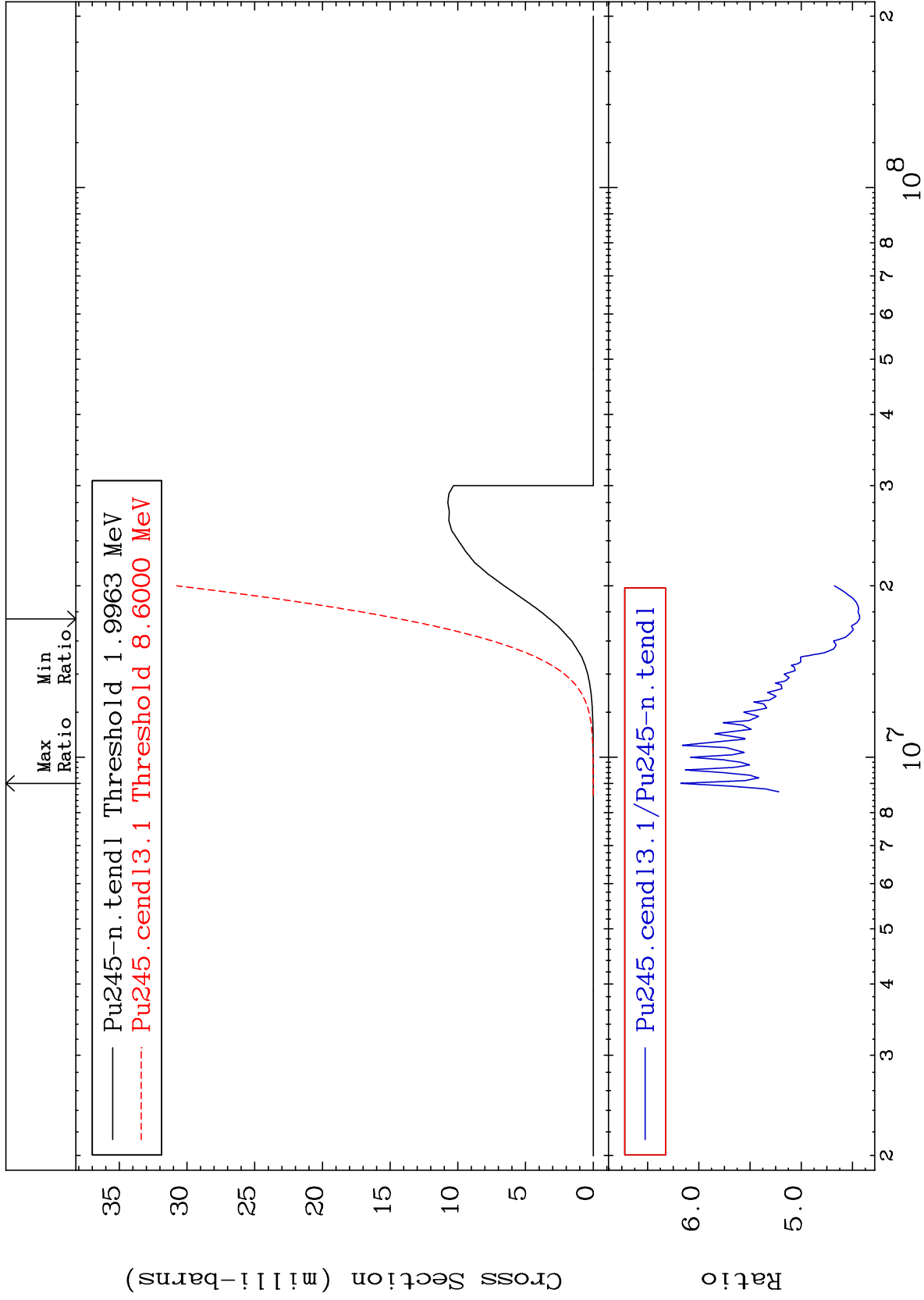
94-Pu-245
-97.33 To 376.3 %

(n, γ)
Cross Section



MAT 9455

(n,p)
Cross Section
94-Pu-245
343.1 To 517.6 %



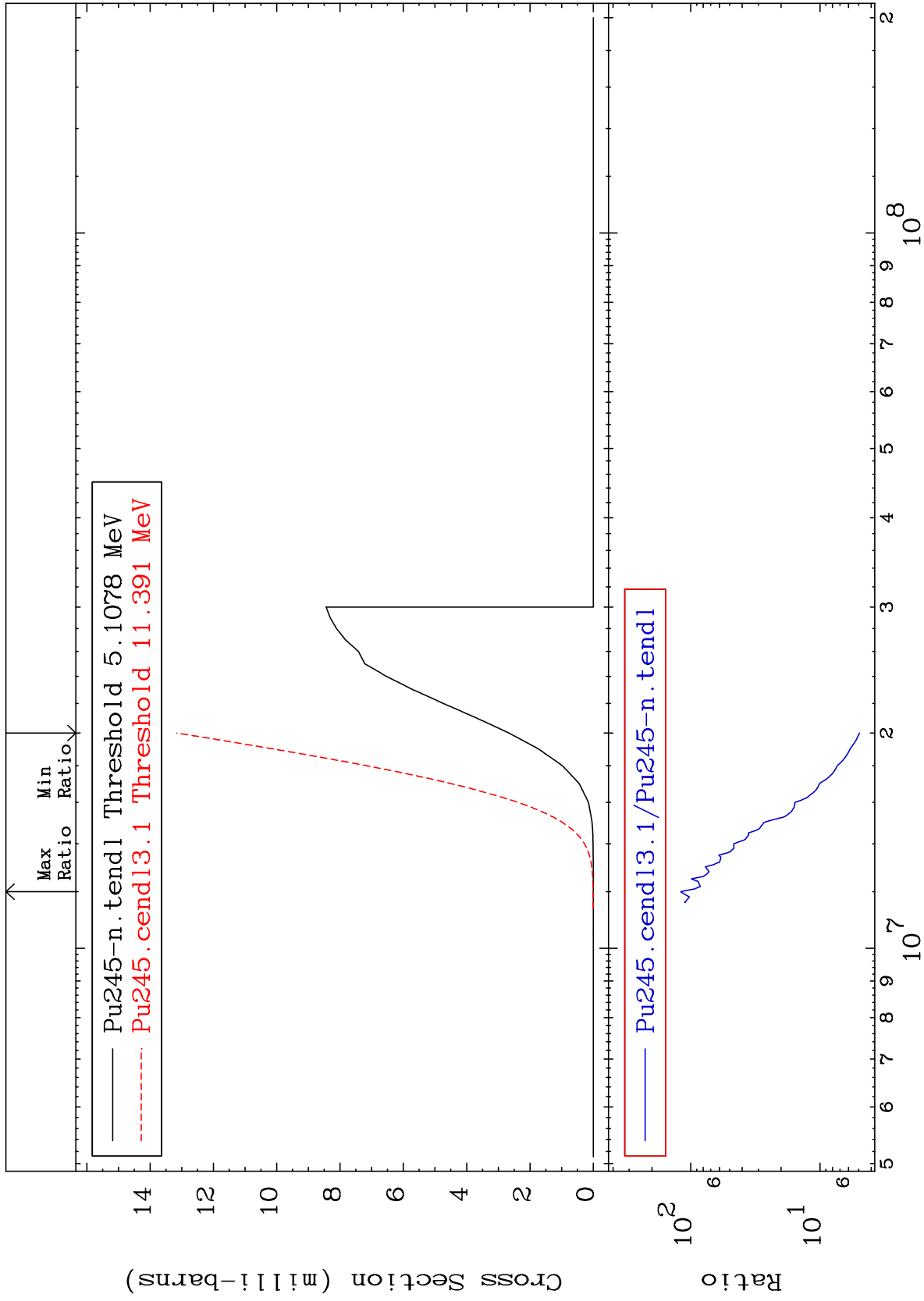
MAT 9455

(n, d)

94-Pu-245

Cross Section

393.2 To 9999. %

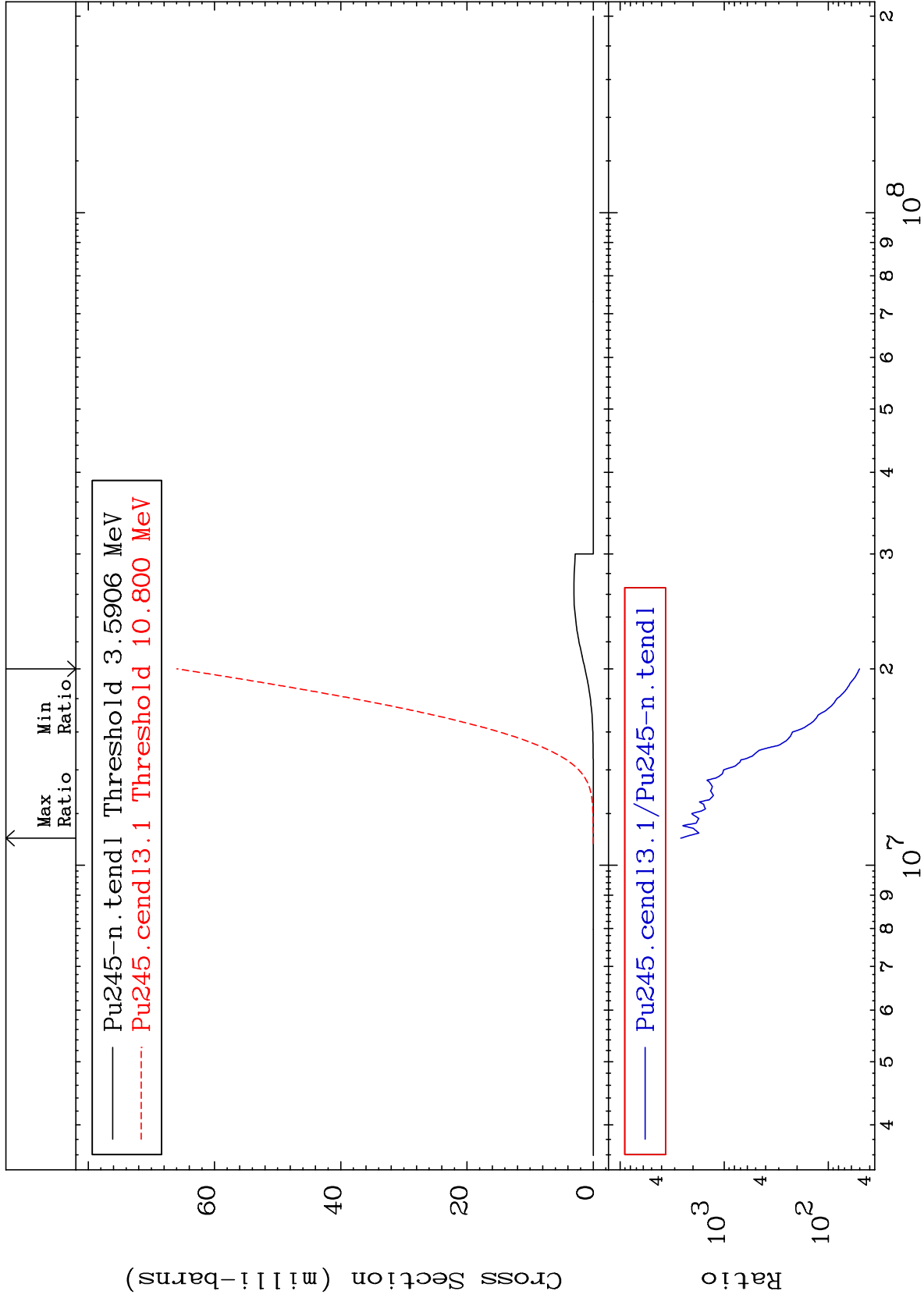


MAT 9455

94-Pu-245

4922. To 9999. %

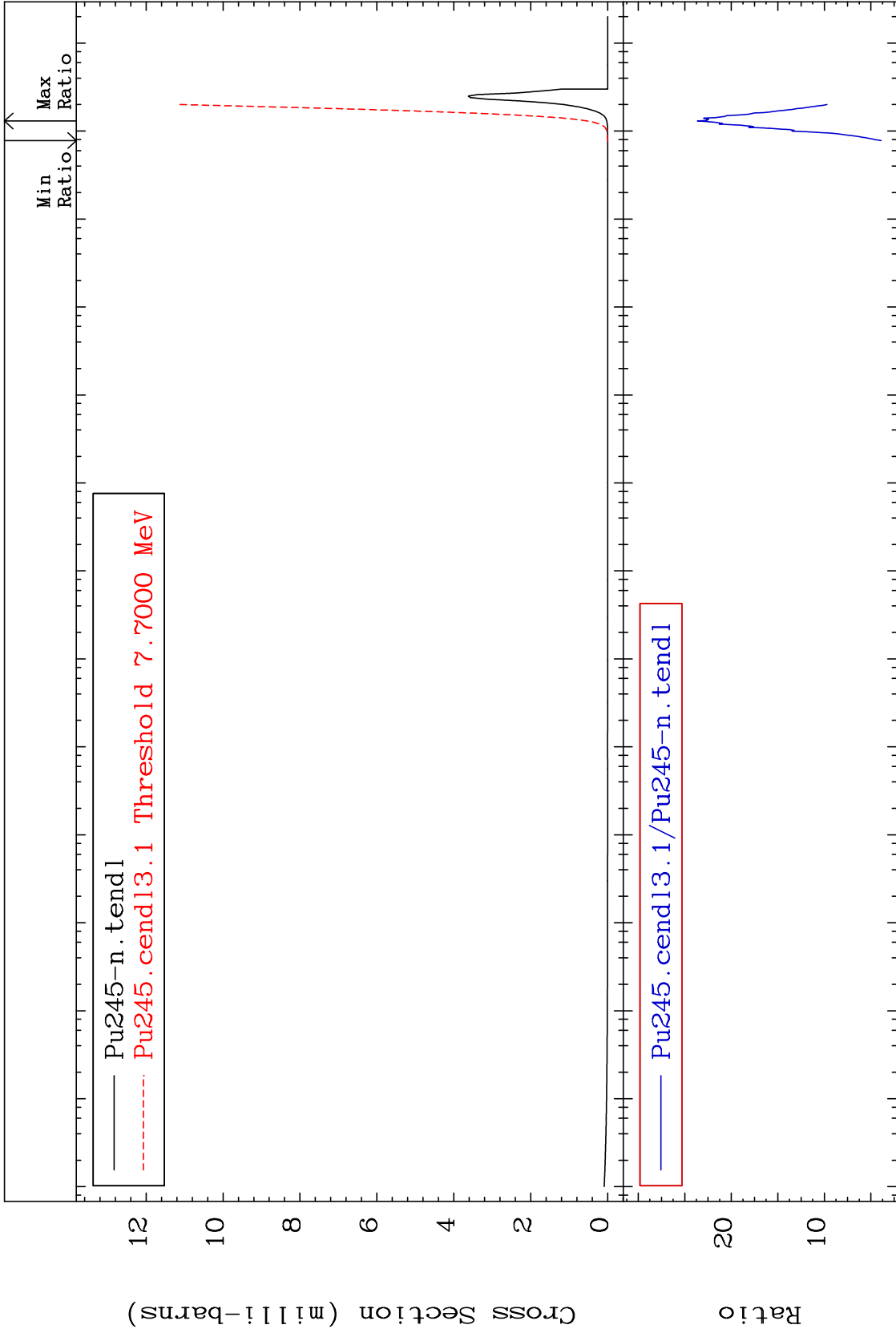
(n, t)
Cross Section



MAT 9455

(n, α)
Cross Section

94-Pu-245
290.0 To 2263. %



24

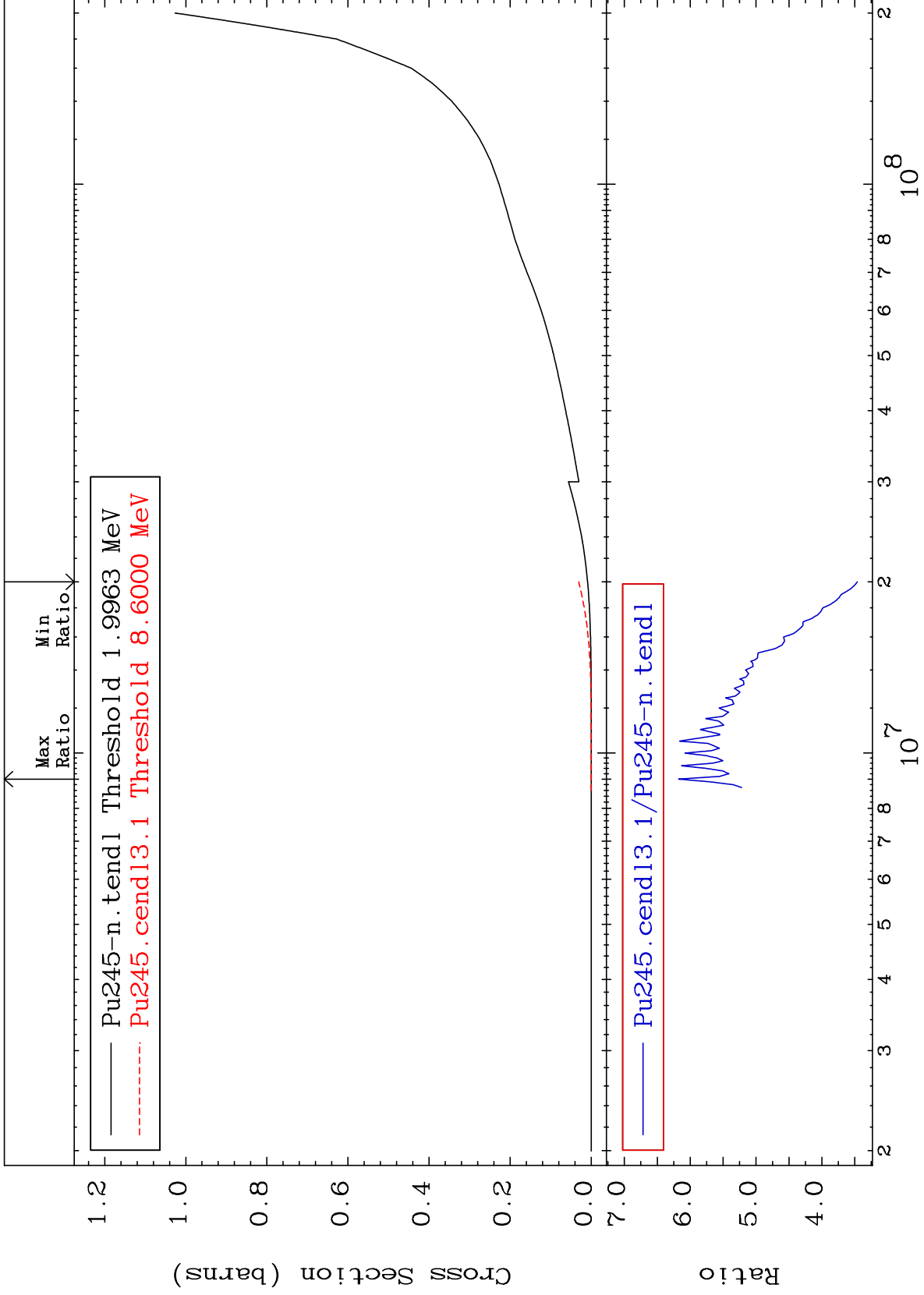
Incident Energy (eV)

94-Pu-245

MAT 9455

Hydrogen Production
Cross Section

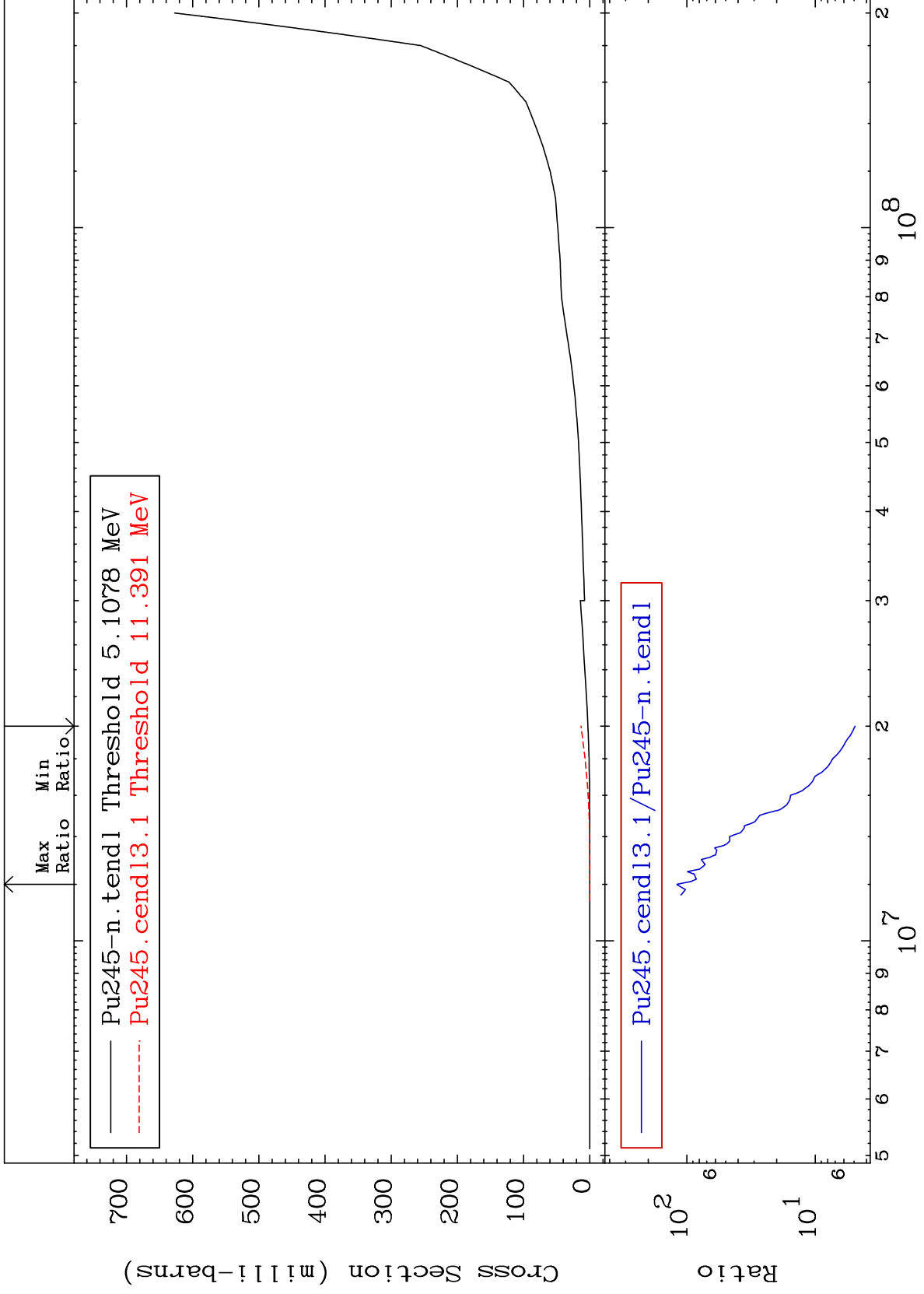
94-Pu-245
246.3 To 517.6 %



MAT 9455

Deuterium Production
Cross Section

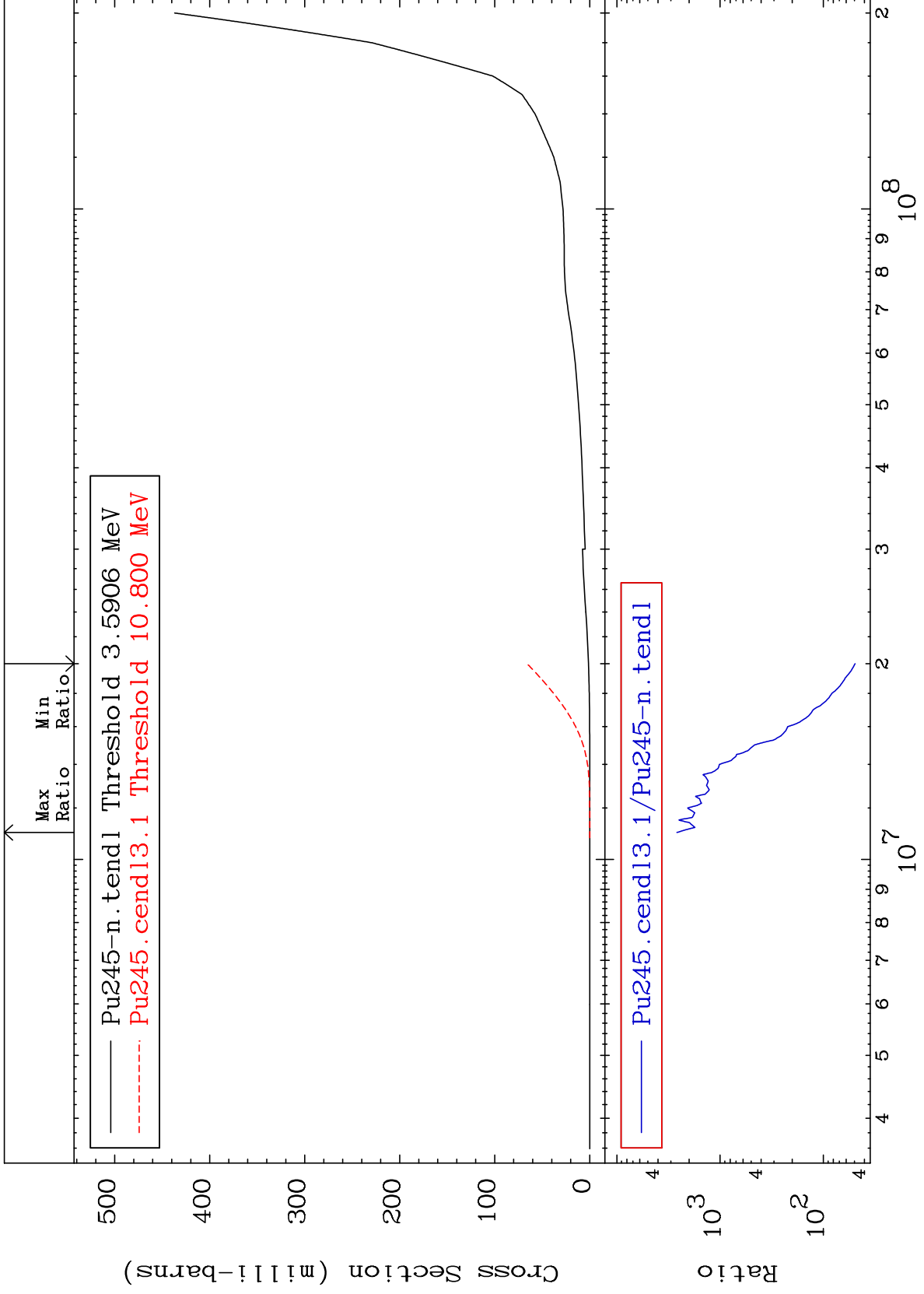
94-Pu-245
390.2 To 9999. %



MAT 9455

Tritium Production
Cross Section

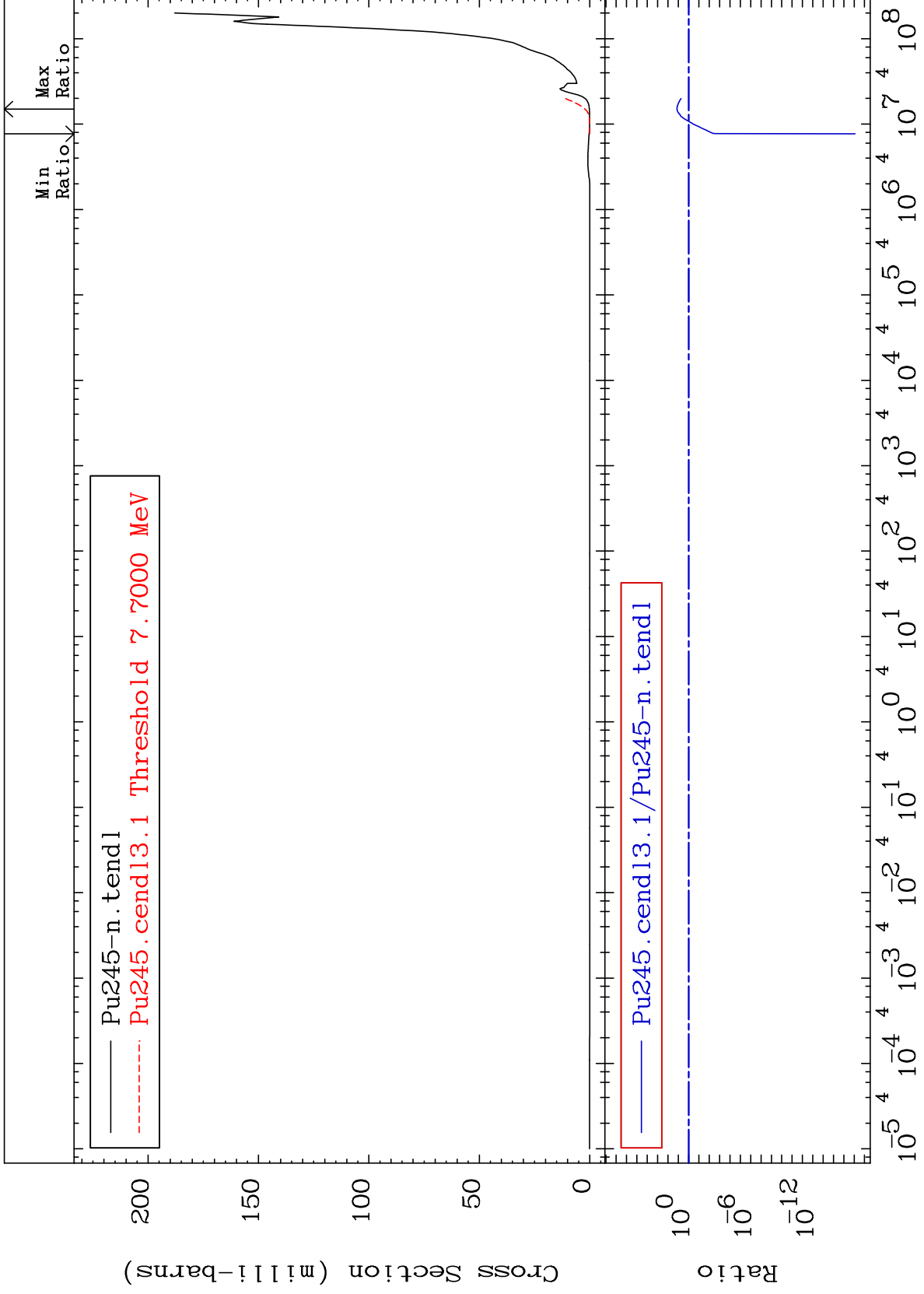
94-Pu-245
4823. To 9999. %



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He-4 Production
Cross Section

94-Pu-245
-100.0 To 1246. %



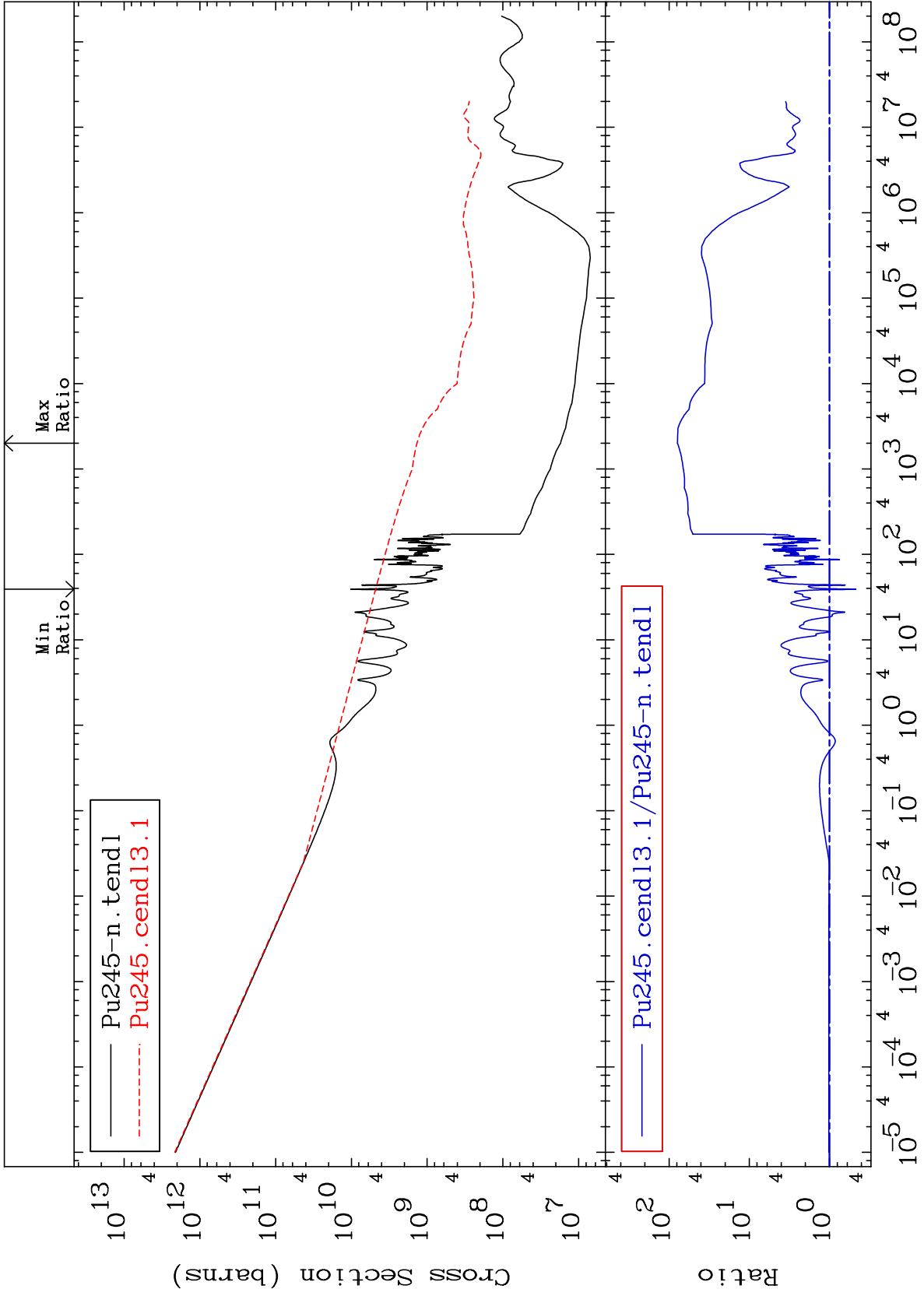
MAT 9455

Kerma total (eV-barns)

94-Pu-245

Cross Section

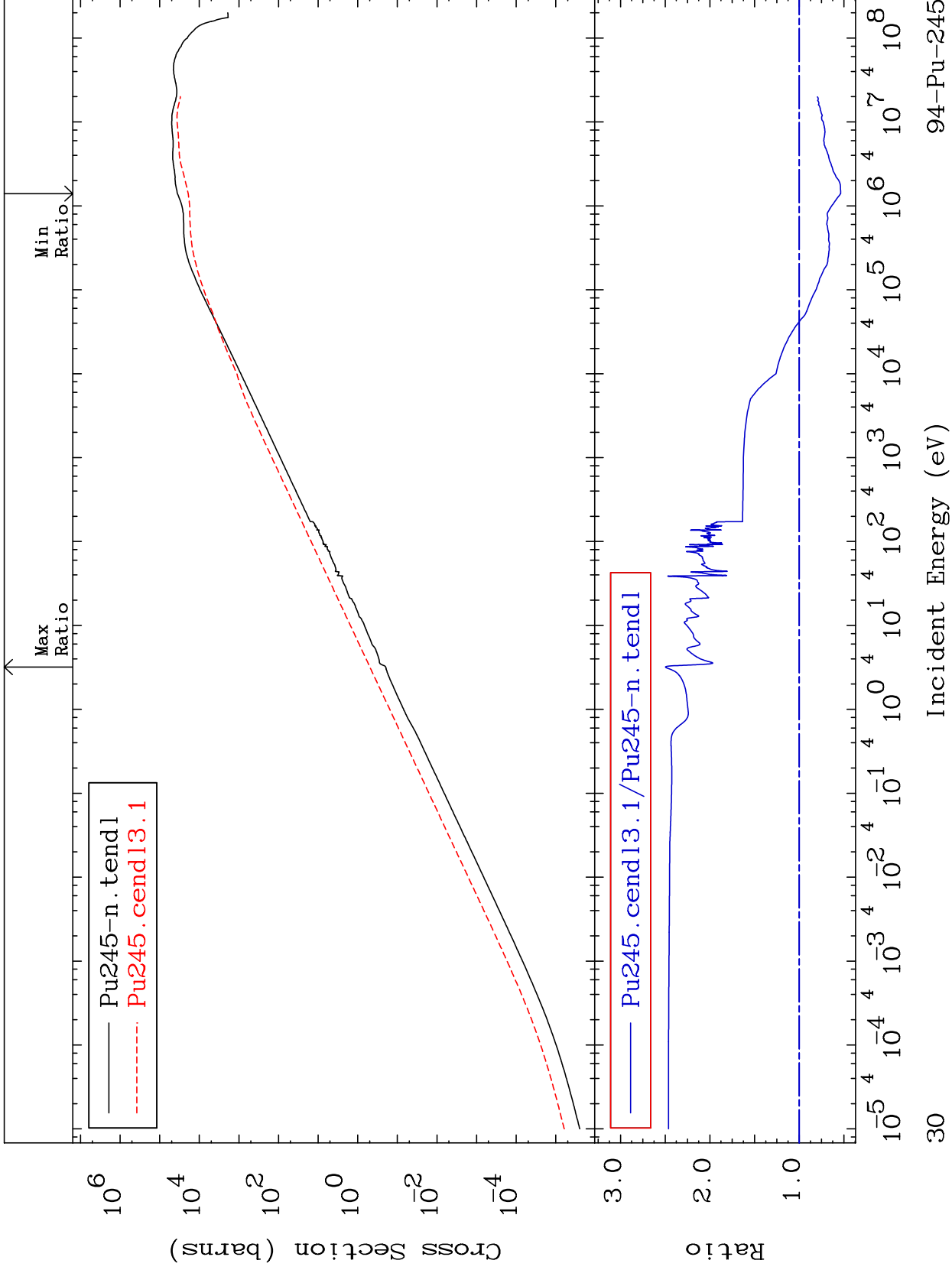
-53.02 To 7752. %

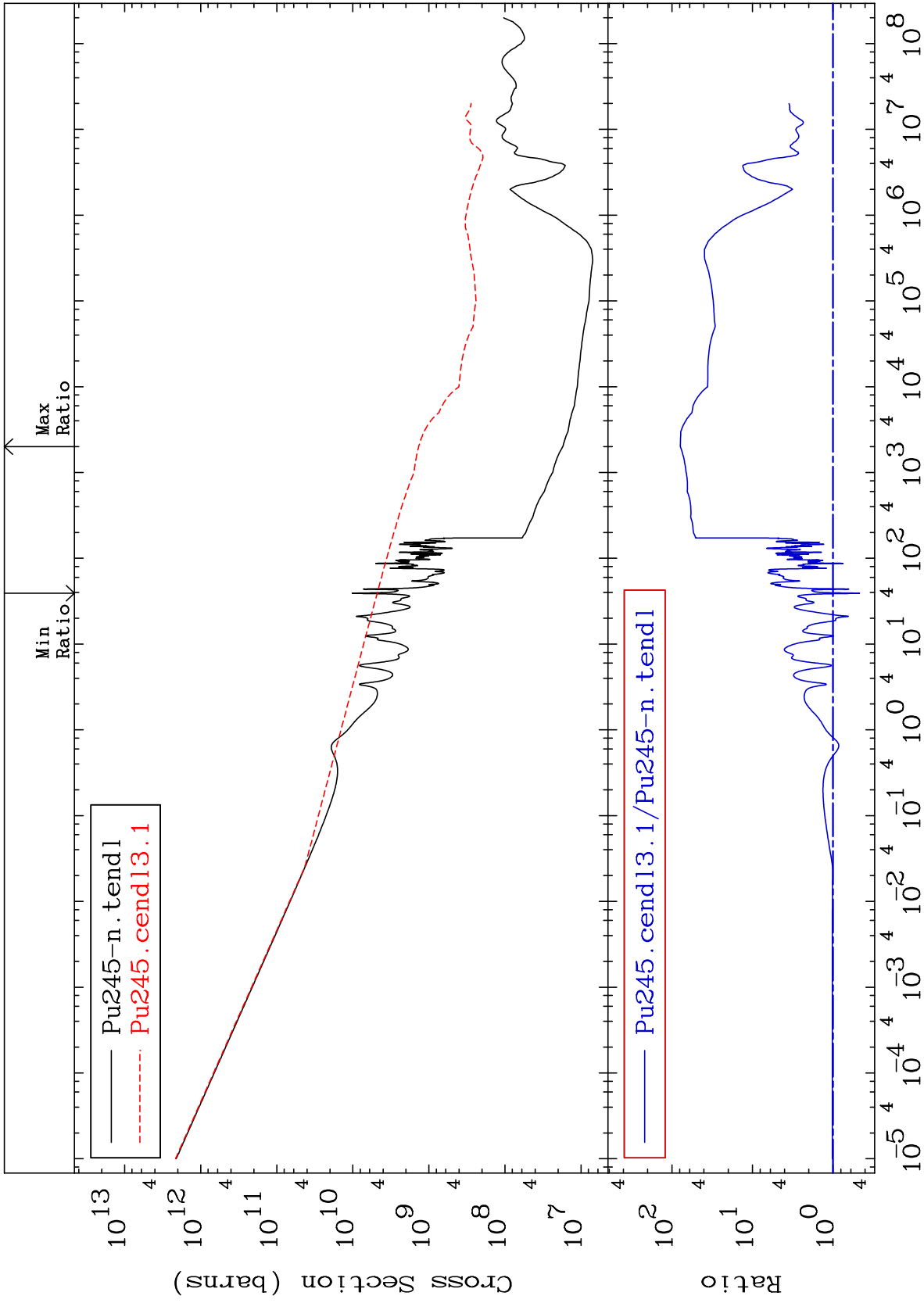


MAT 9455

Kerma elastic
Cross Section

94-Pu-245
-46.38 To 149.6 %

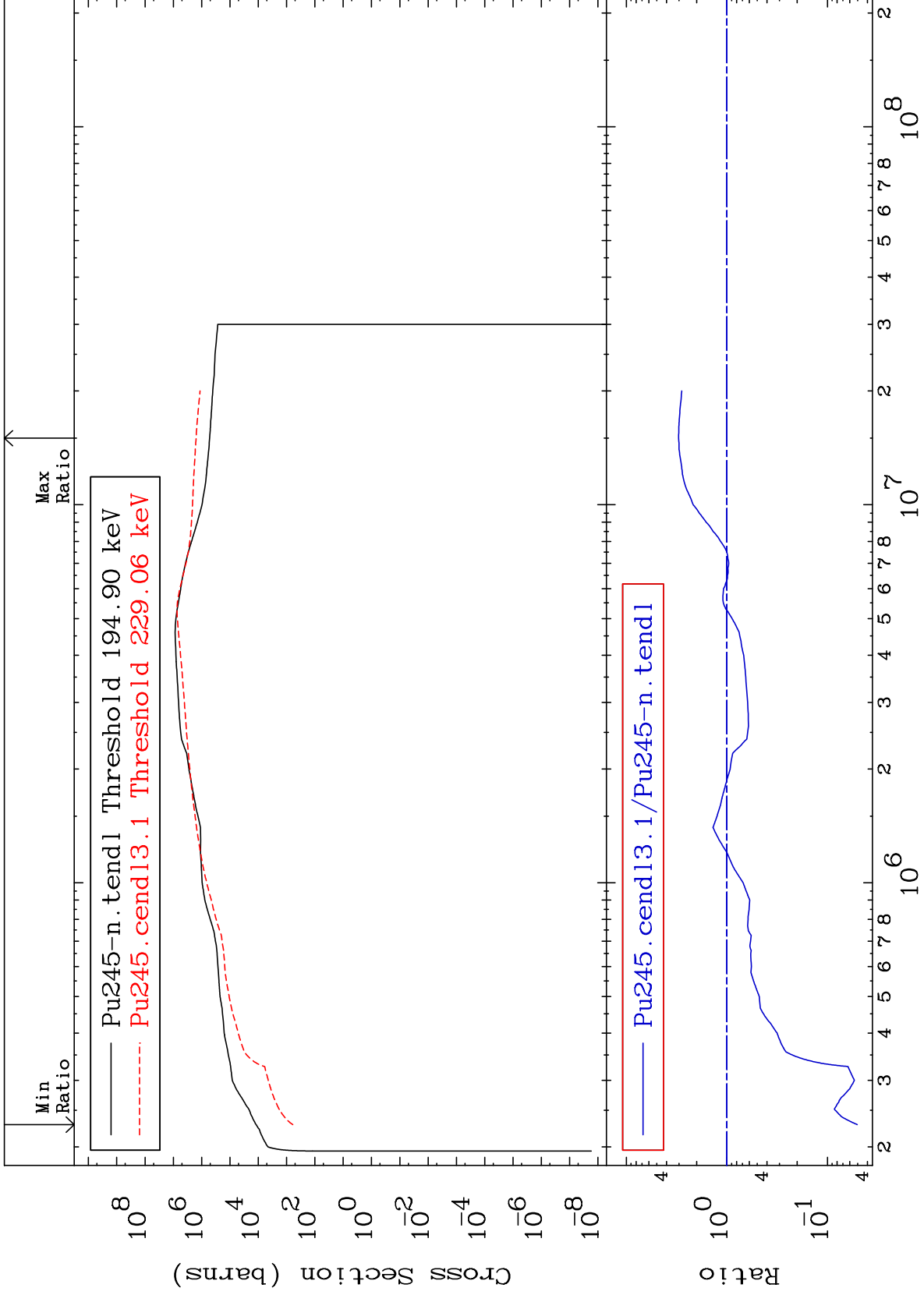




MAT 9455

Kerma inelastic (mt51-91)
Cross Section

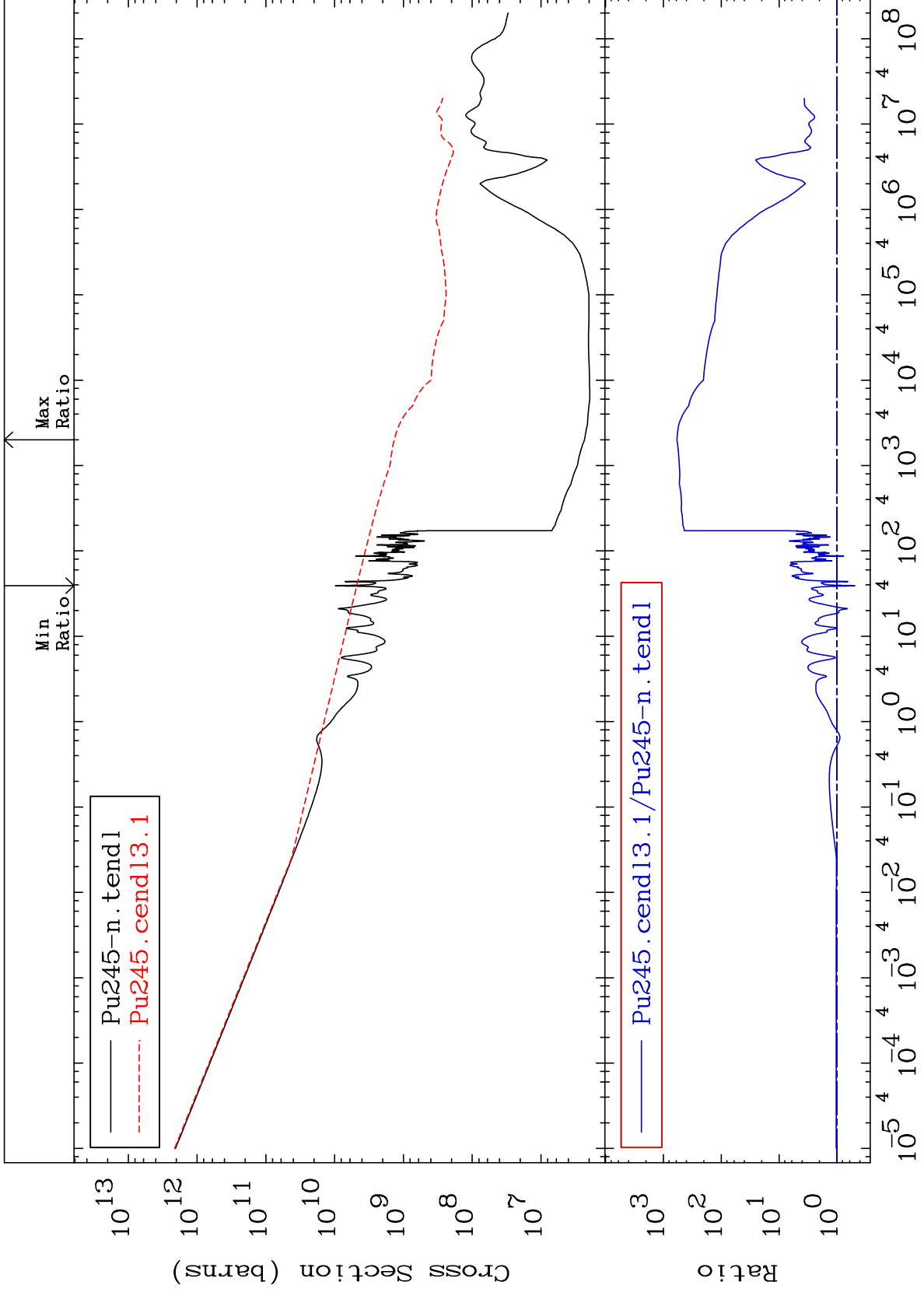
94-Pu-245
-94.95 To 202.5 %



MAT 9455

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

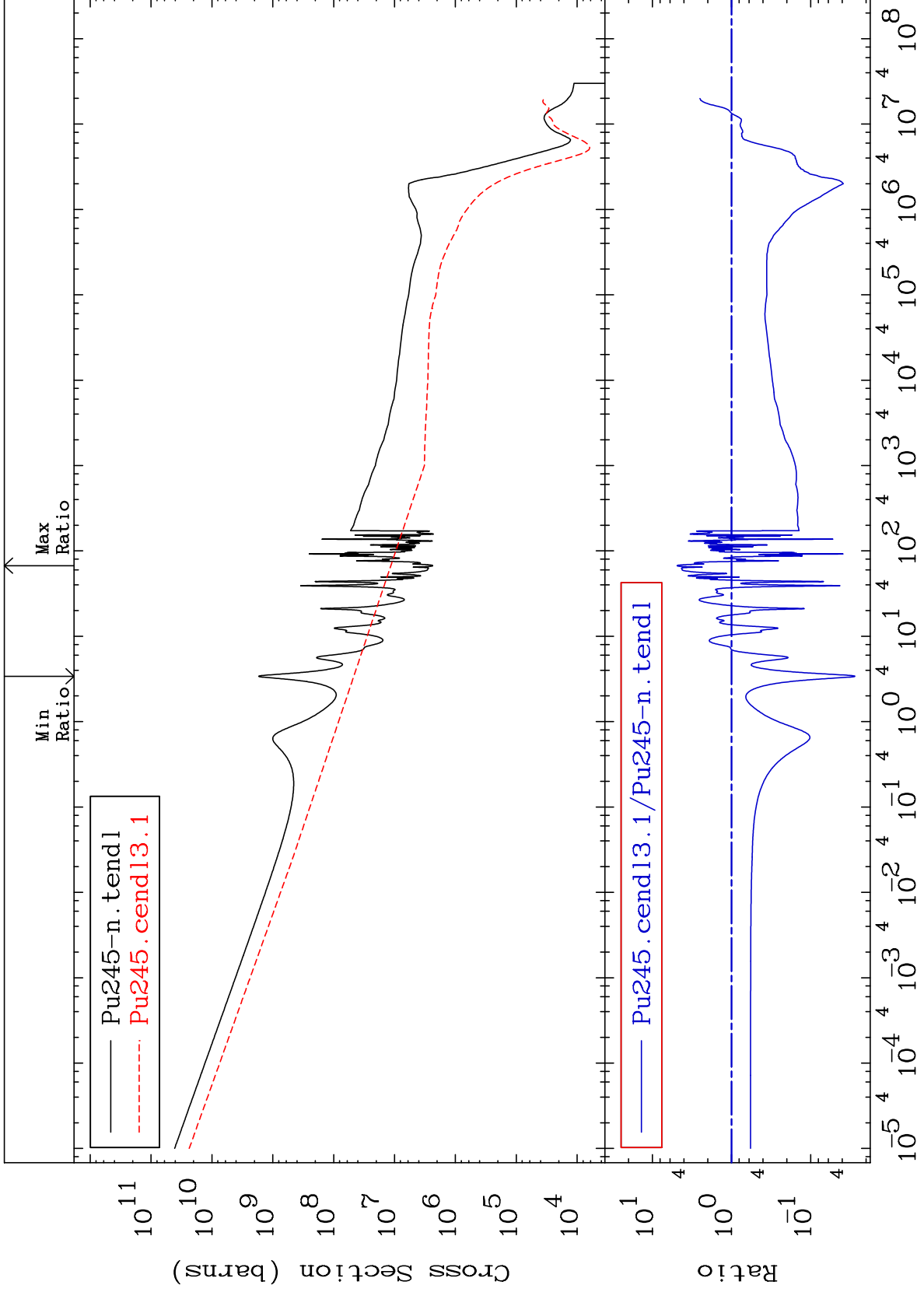
94-Pu-245
-51.51 To 9999. %



MAT 9455

Kerma capture (mt102)
Cross Section

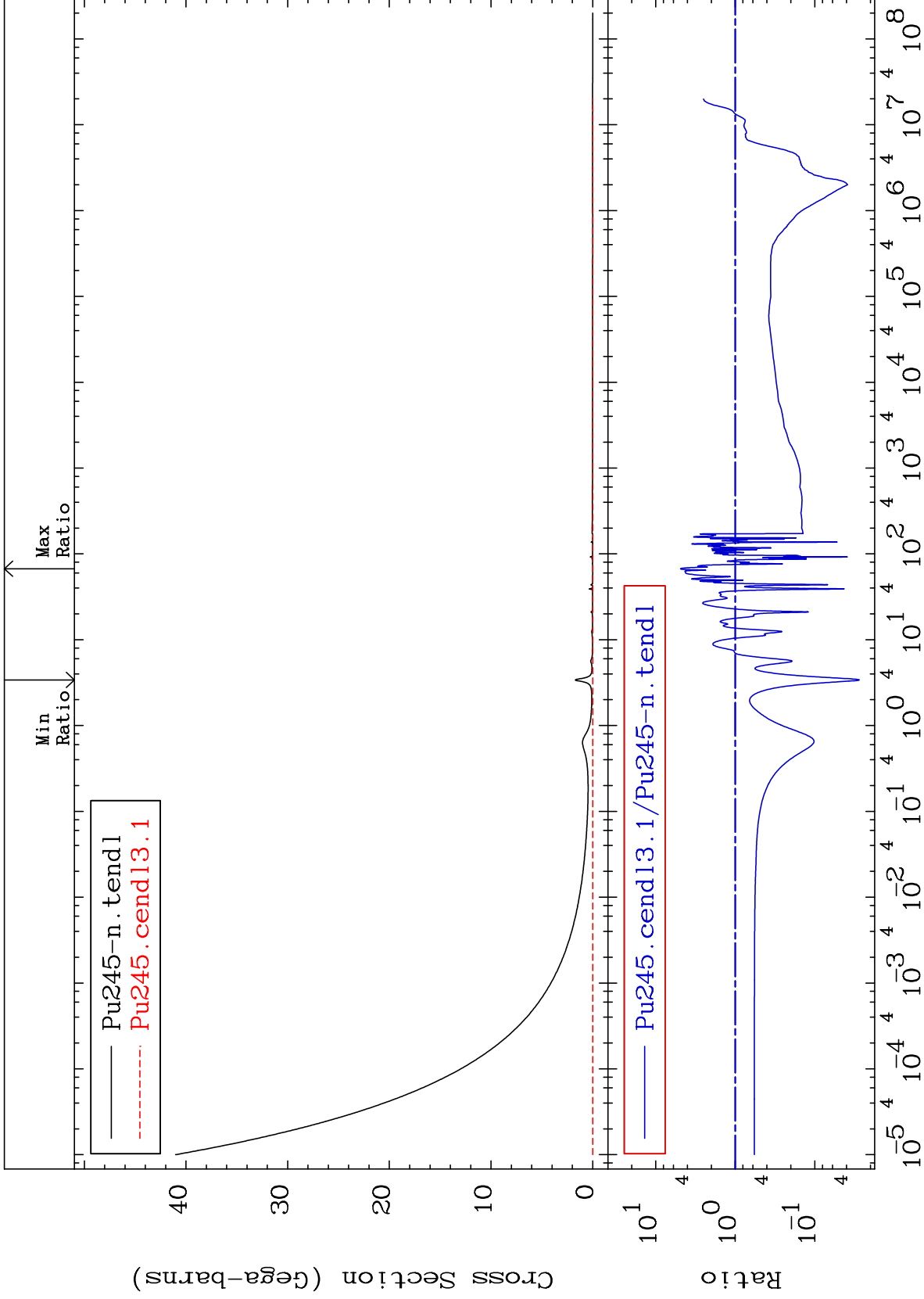
94-Pu-245
-97.25 To 389.9 %



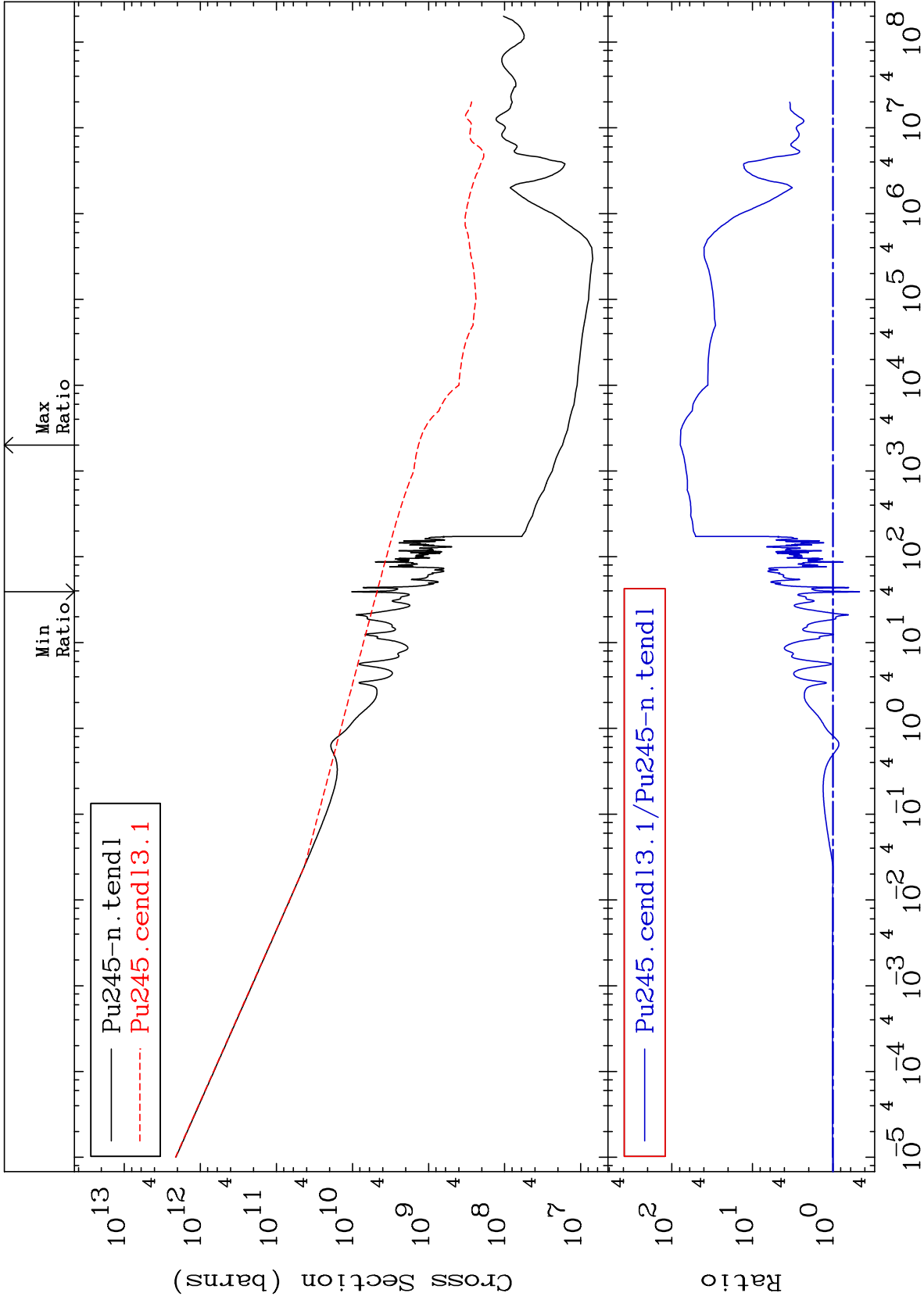
MAT 9455

Total photon (eV-barns)
Cross Section

94-Pu-245
-97.25 To 389.9 %



Cross Section



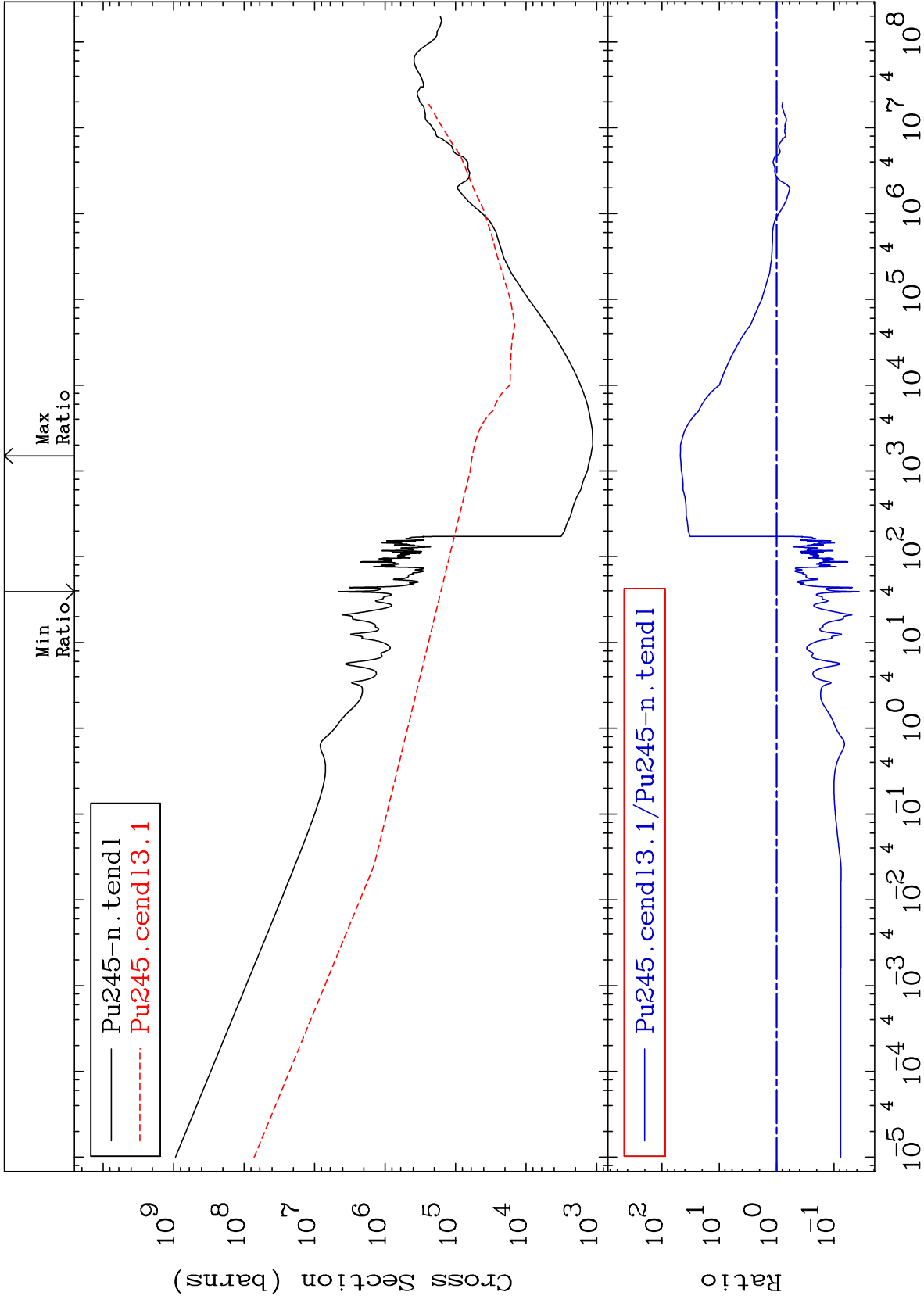
MAT 9455

Dpa total (eV-barns)

94-Pu-245

-96.39 To 4692. %

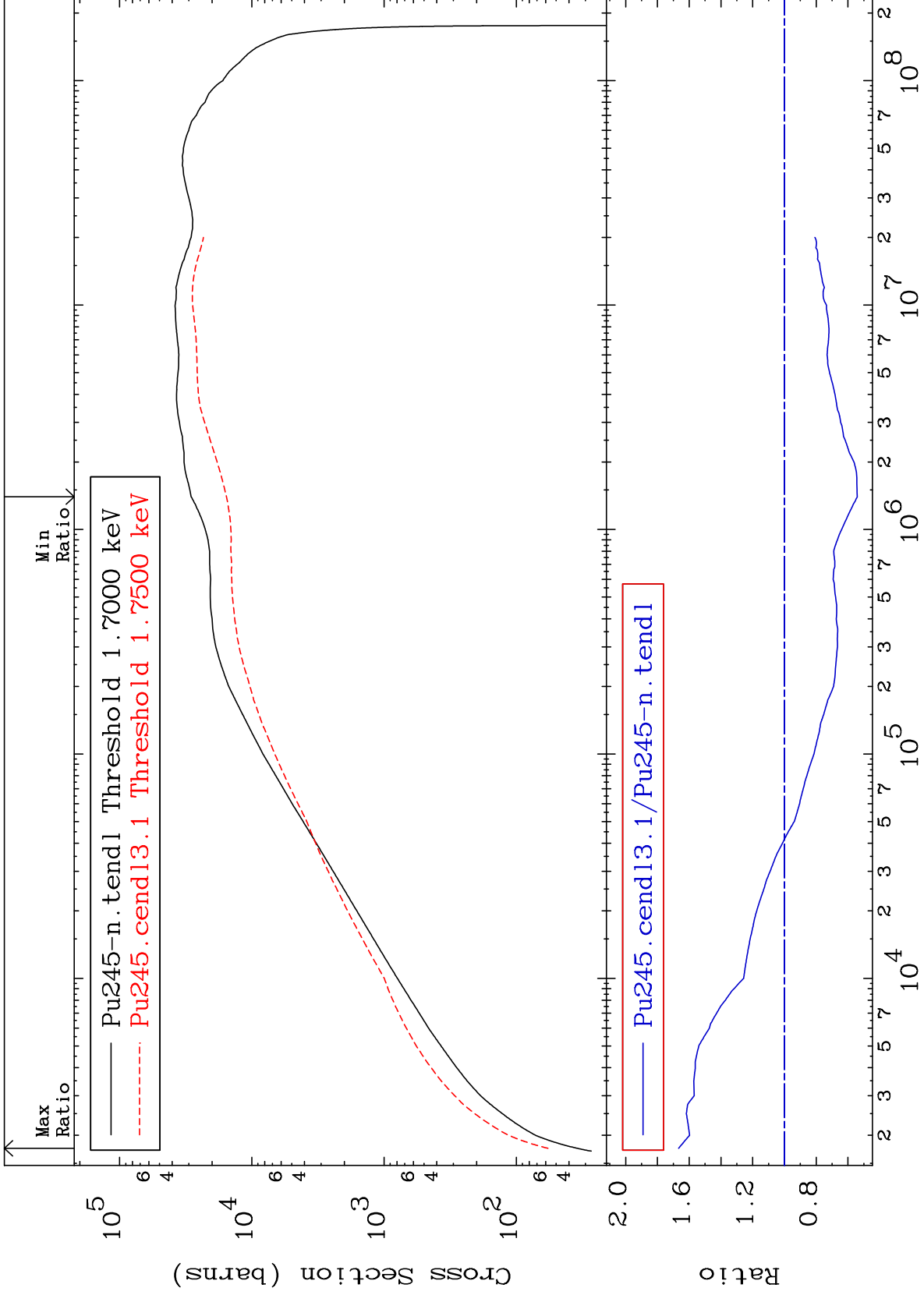
Cross Section



MAT 9455

Dpa elastic (mt2)
Cross Section

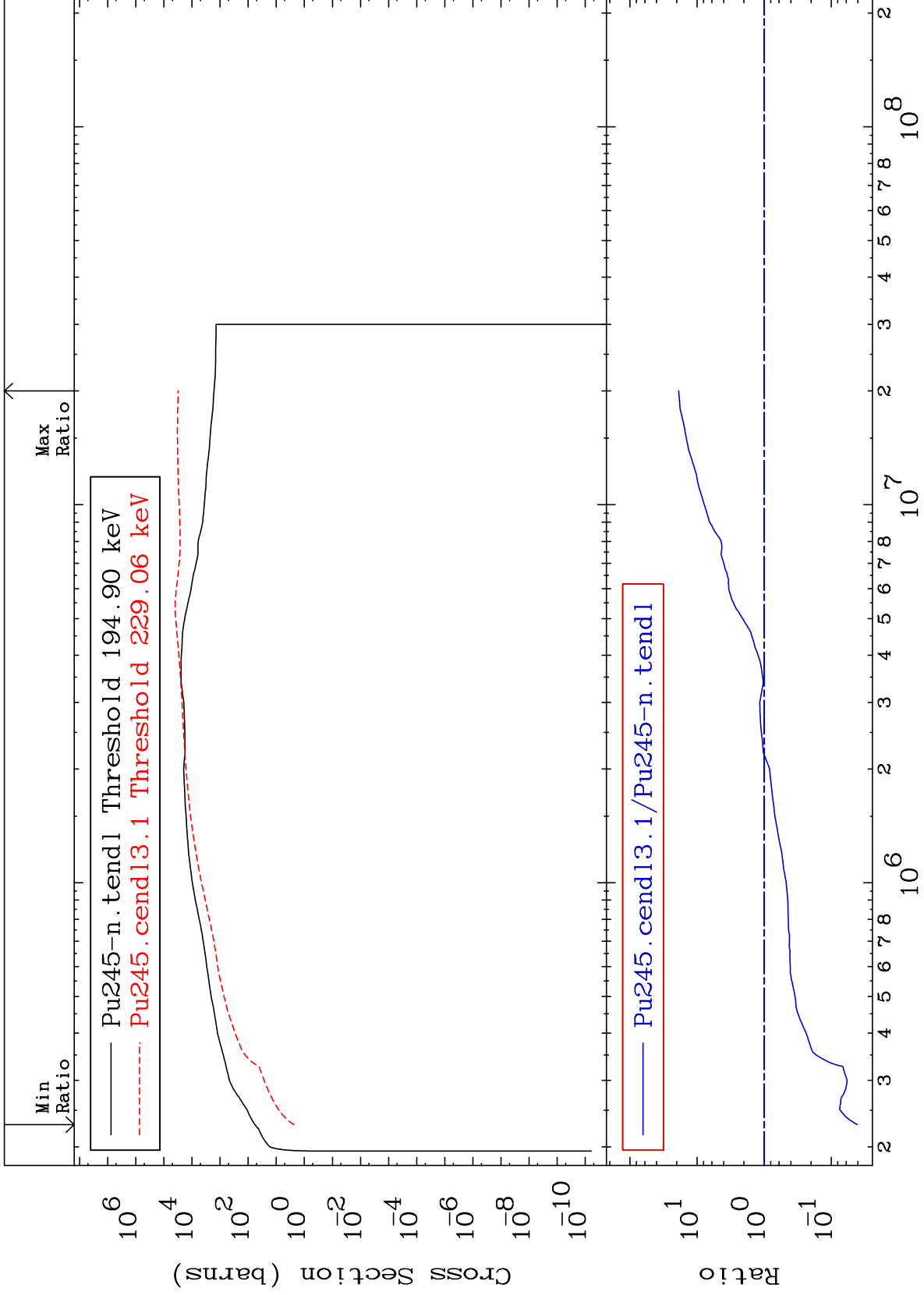
94-Pu-245
-45.85 To 66.65 %



MAT 9455

Dpa inelastic (mt51-91)
Cross Section

94-Pu-245
-95.90 To 1779. %

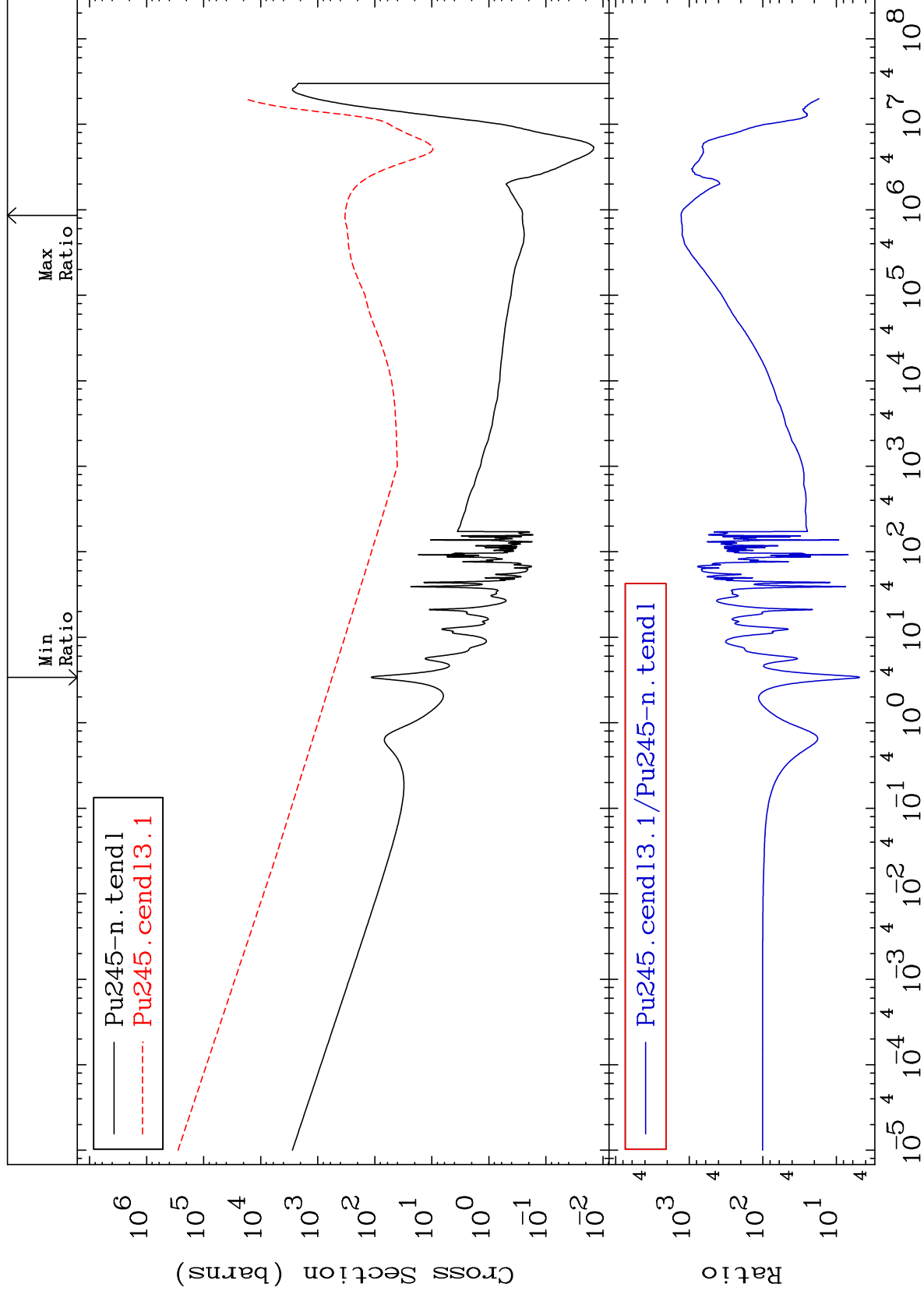


MAT 9455

Dpa disappearance (mt102 -120)

94-Pu-245

Cross Section
383.1 To 9999. %



40

Incident Energy (eV)

94-Pu-245