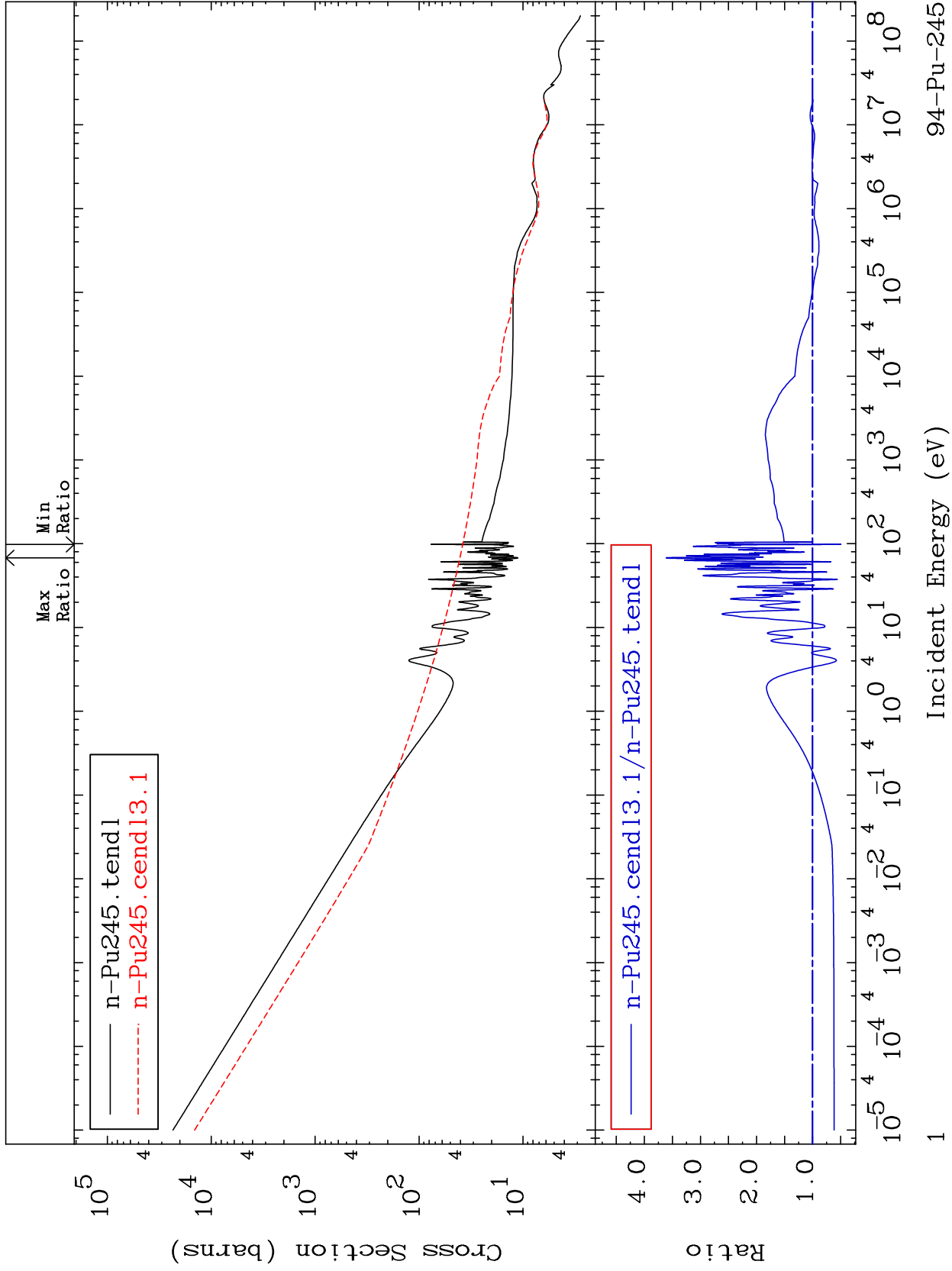


MAT 9455

Total Cross Section  
94-Pu-245  
-50.31 To 261.5 %



94-Pu-245

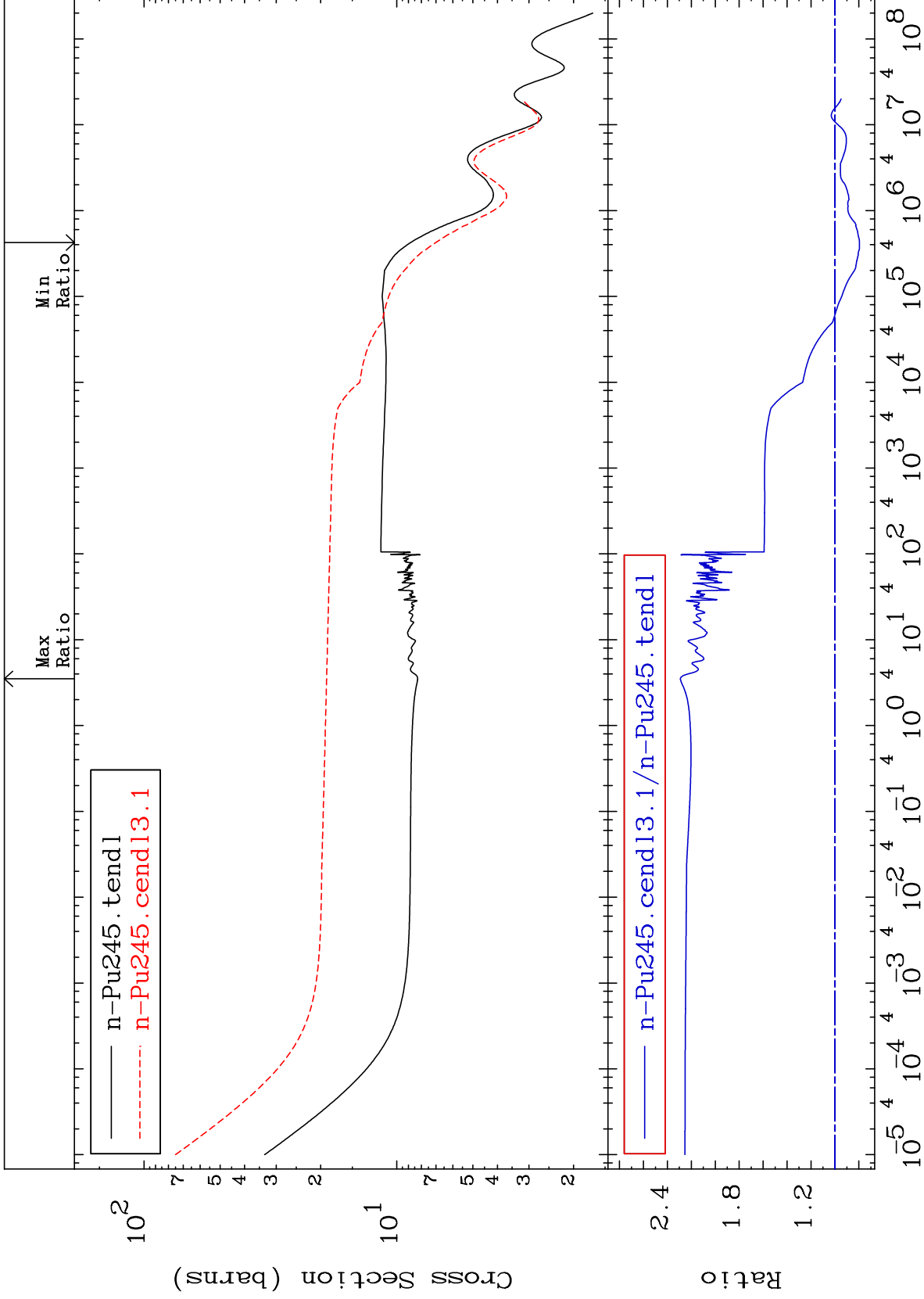
MAT 9455

Elastic

94-Pu-245

Cross Section

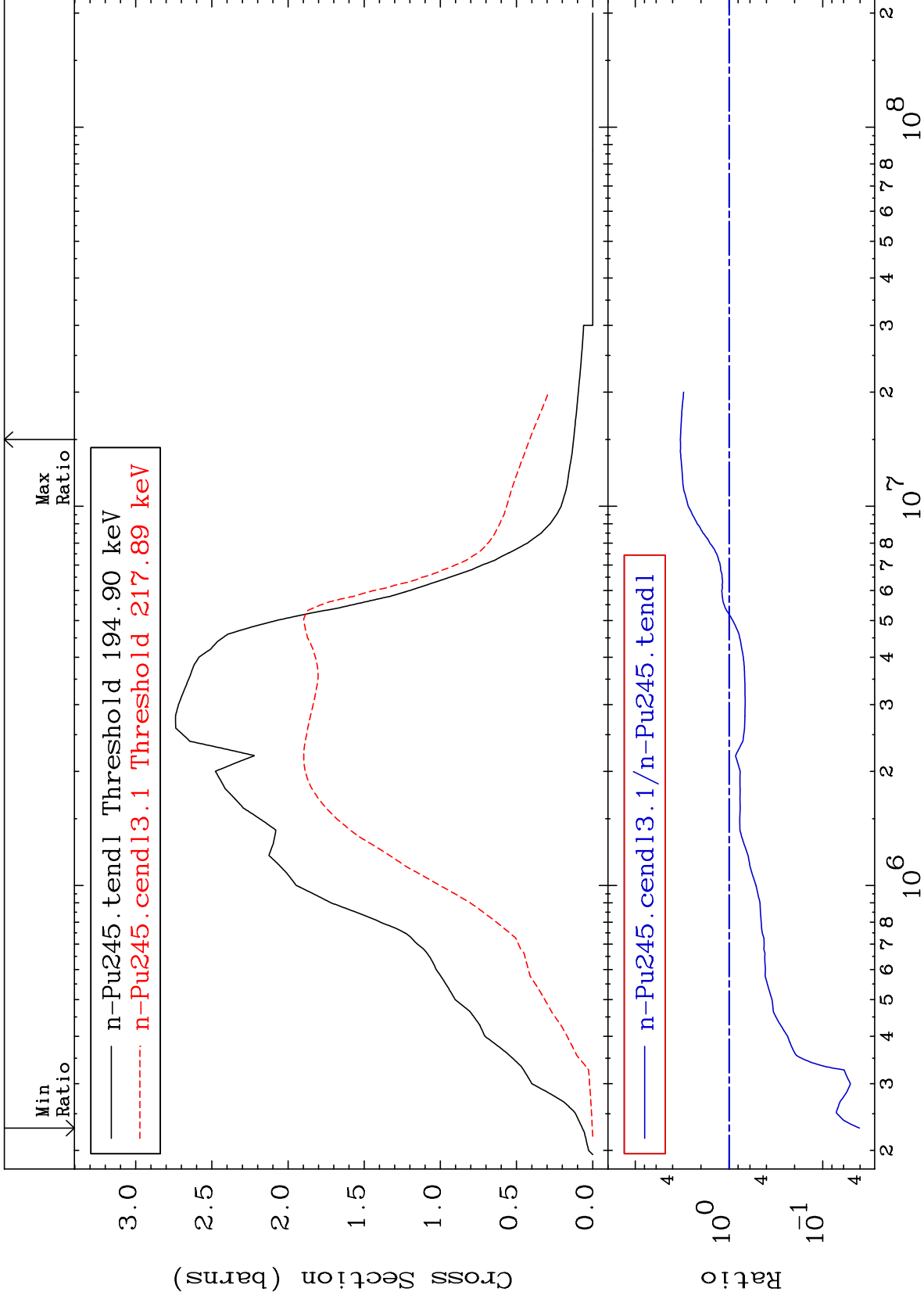
-20.47 To 129.1 %



MAT 9455

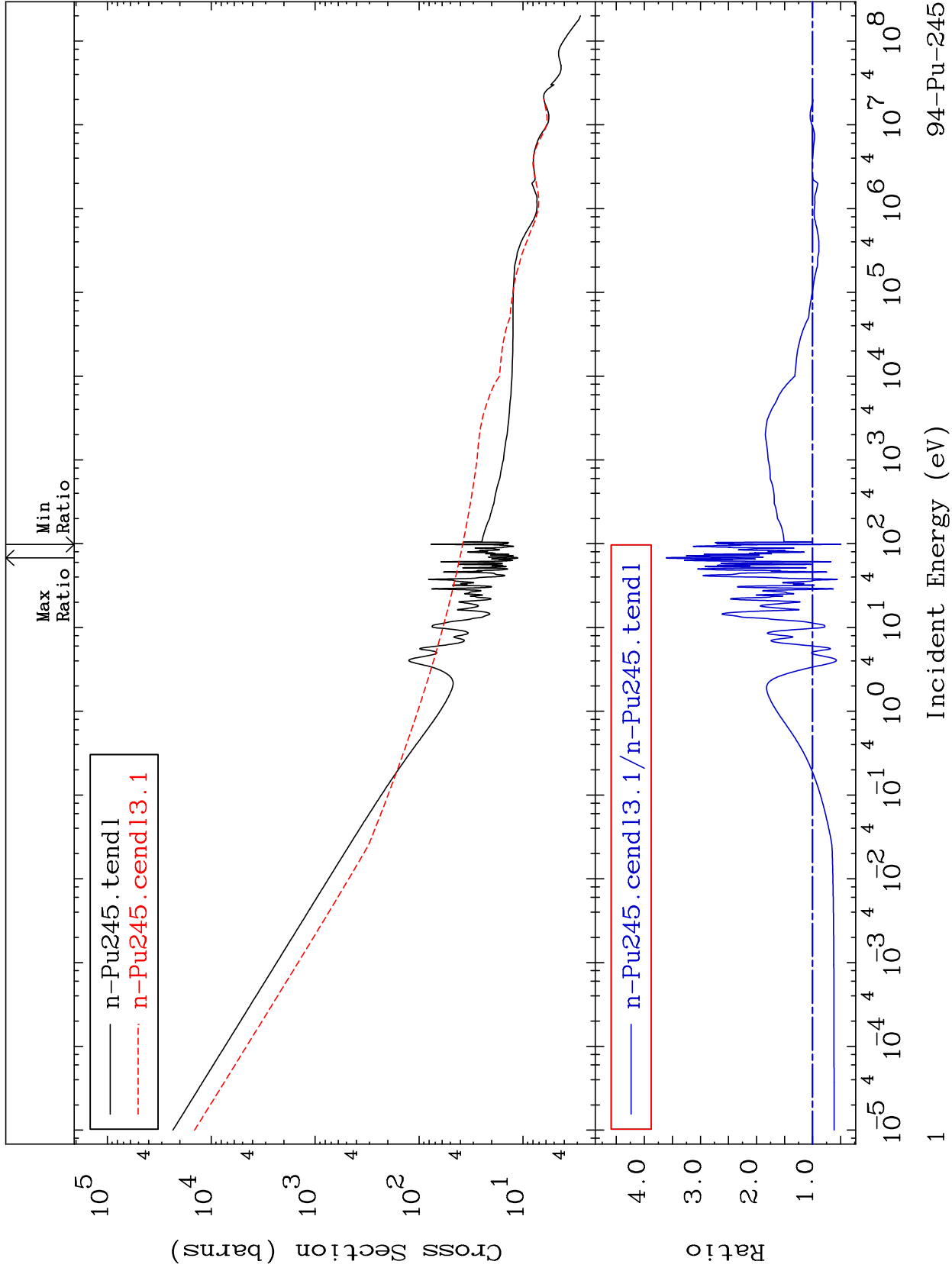
Inelastic  
Cross Section

94-Pu-245  
-95.93 To 231.1 %



MAT 9455

Total Cross Section  
94-Pu-245  
-50.31 To 261.5 %



94-Pu-245

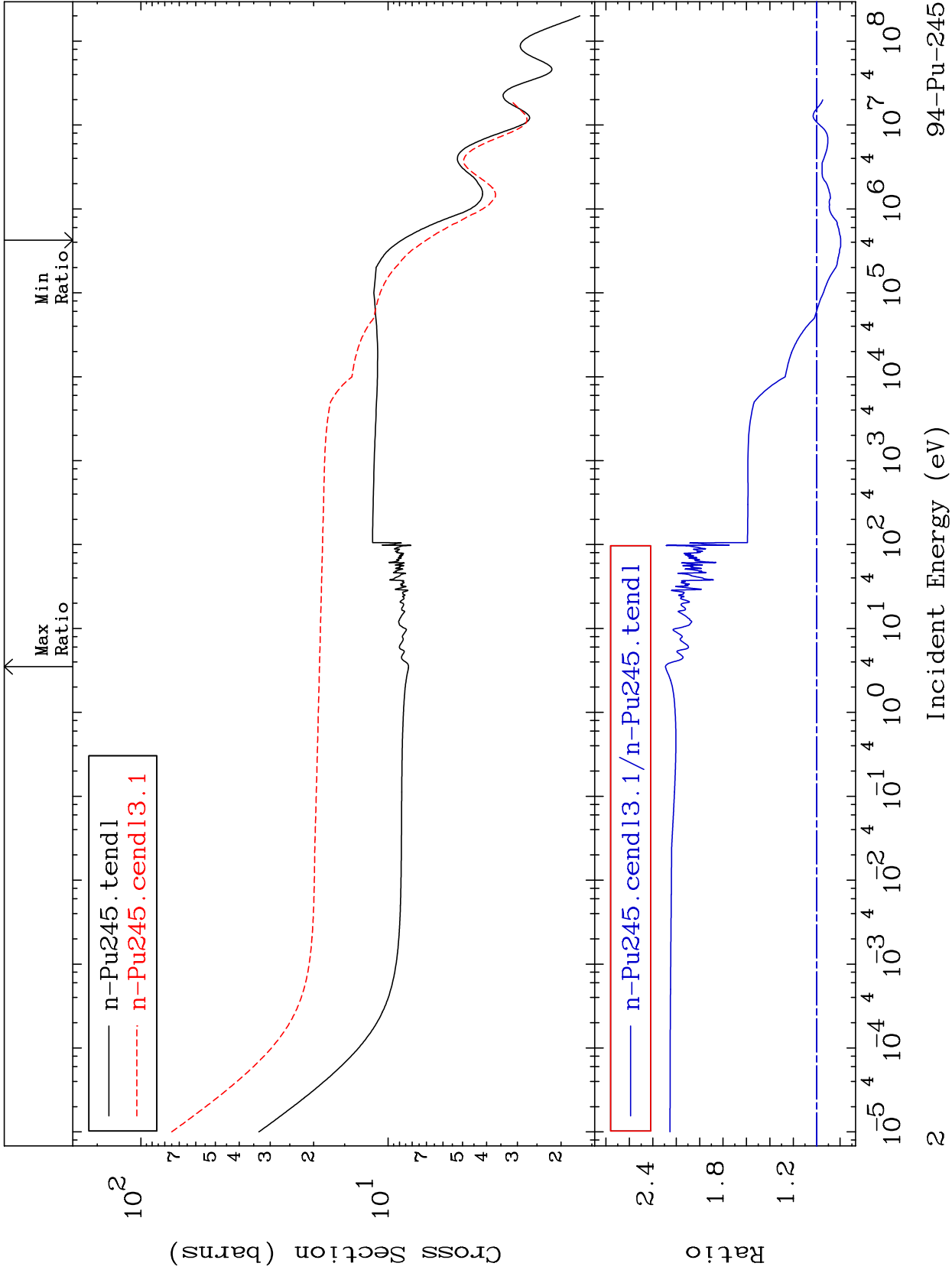
MAT 9455

Elastic

94-Pu-245

Cross Section

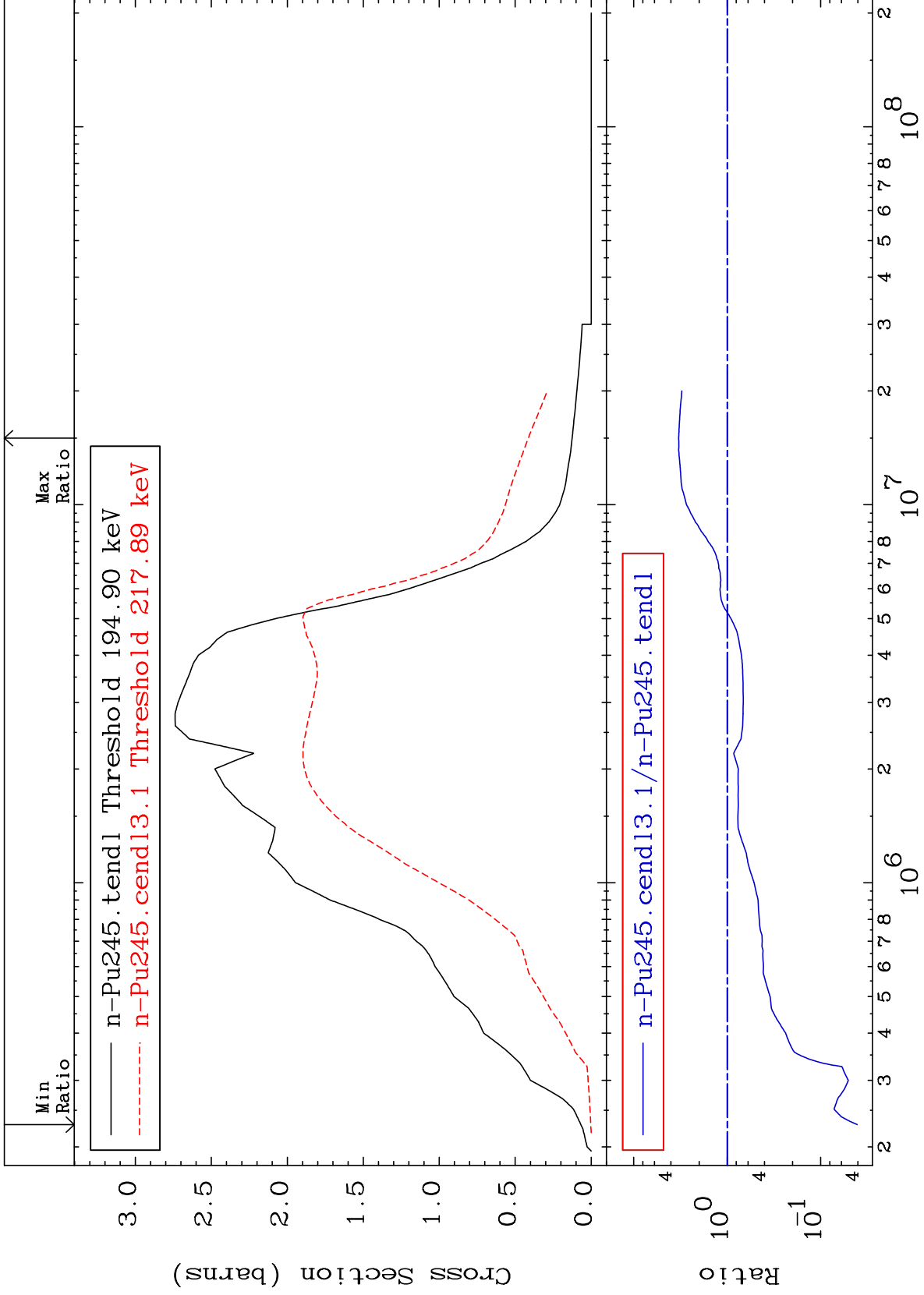
-20.47 To 129.1 %



MAT 9455

Inelastic  
Cross Section

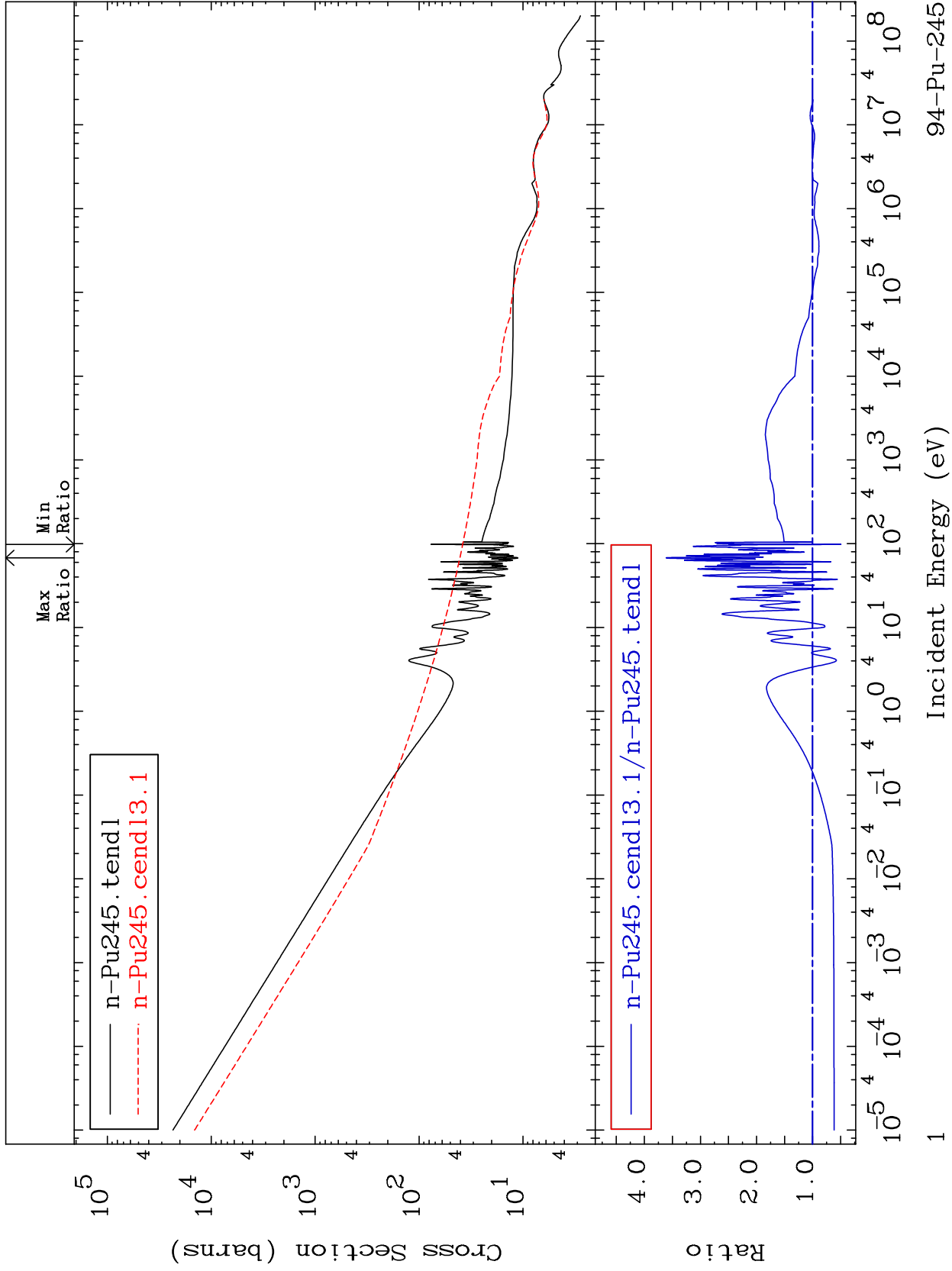
94-Pu-245  
-95.93 To 231.1 %



MAT 9455

Total  
Cross Section

94-Pu-245  
-50.31 To 261.5 %



94-Pu-245

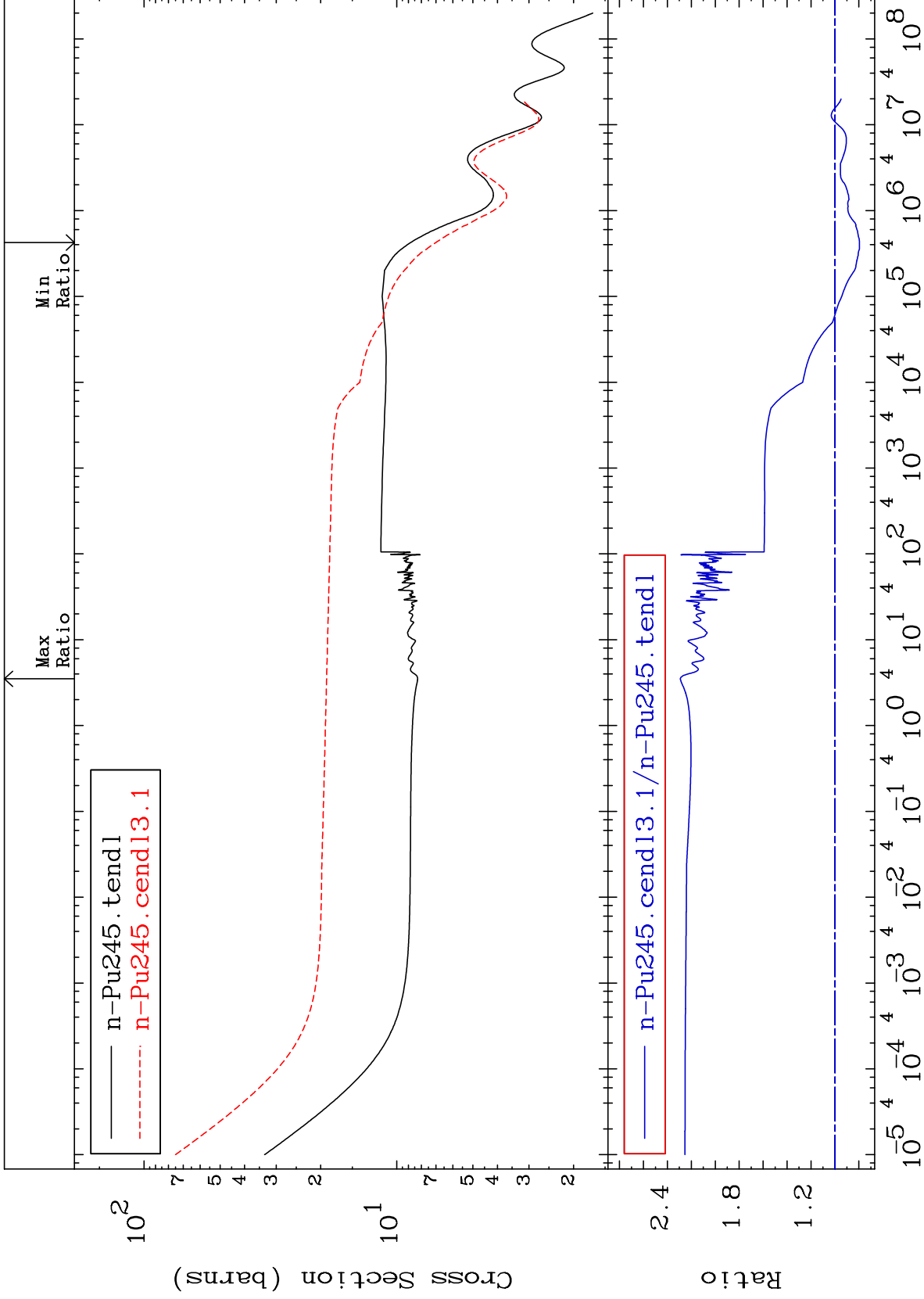
MAT 9455

Elastic

94-Pu-245

Cross Section

-20.47 To 129.1 %



2

Incident Energy (eV)

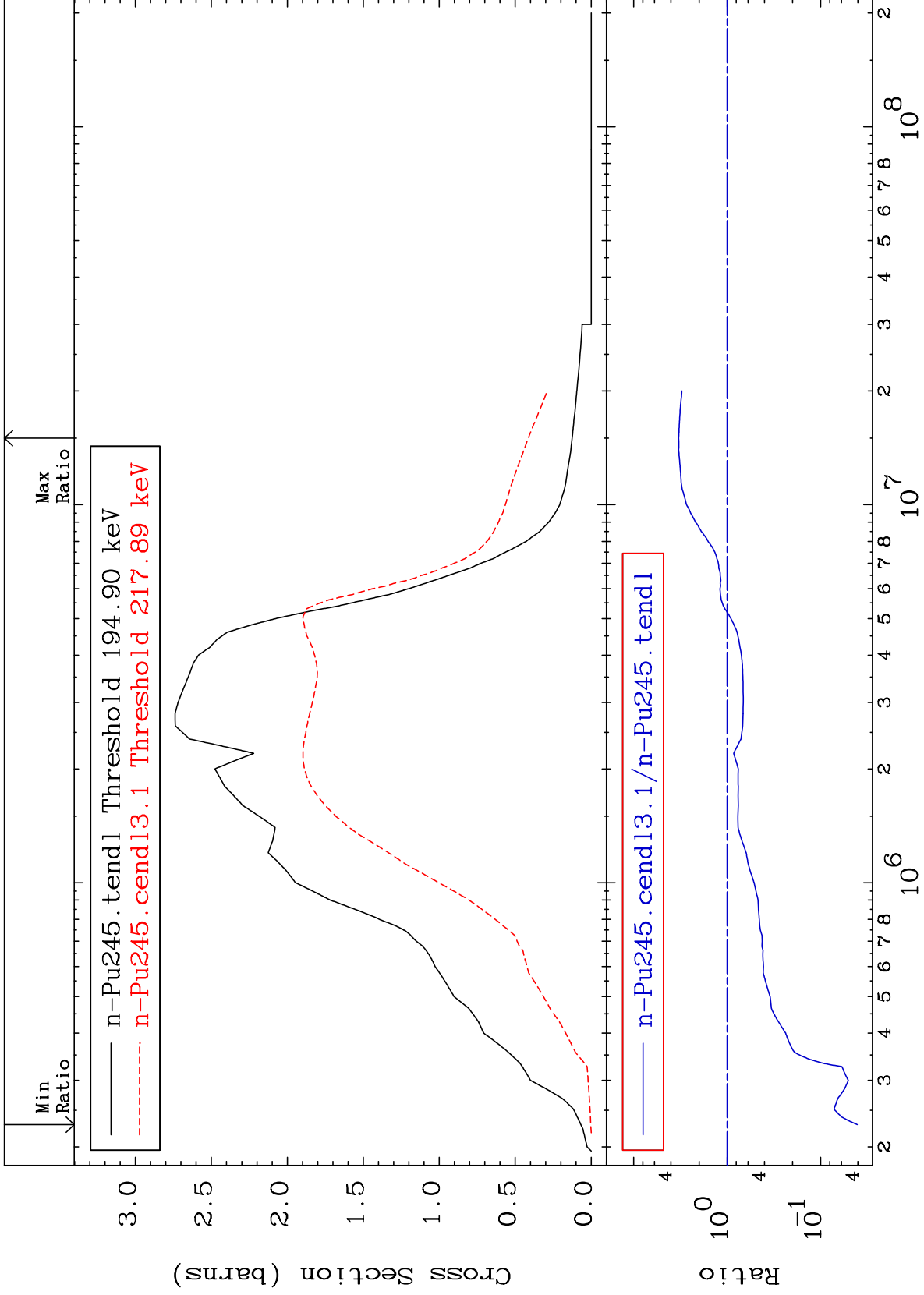
94-Pu-245



MAT 9455

Inelastic  
Cross Section

94-Pu-245  
-95.93 To 231.1 %



Incident Energy (eV)

94-Pu-245

3

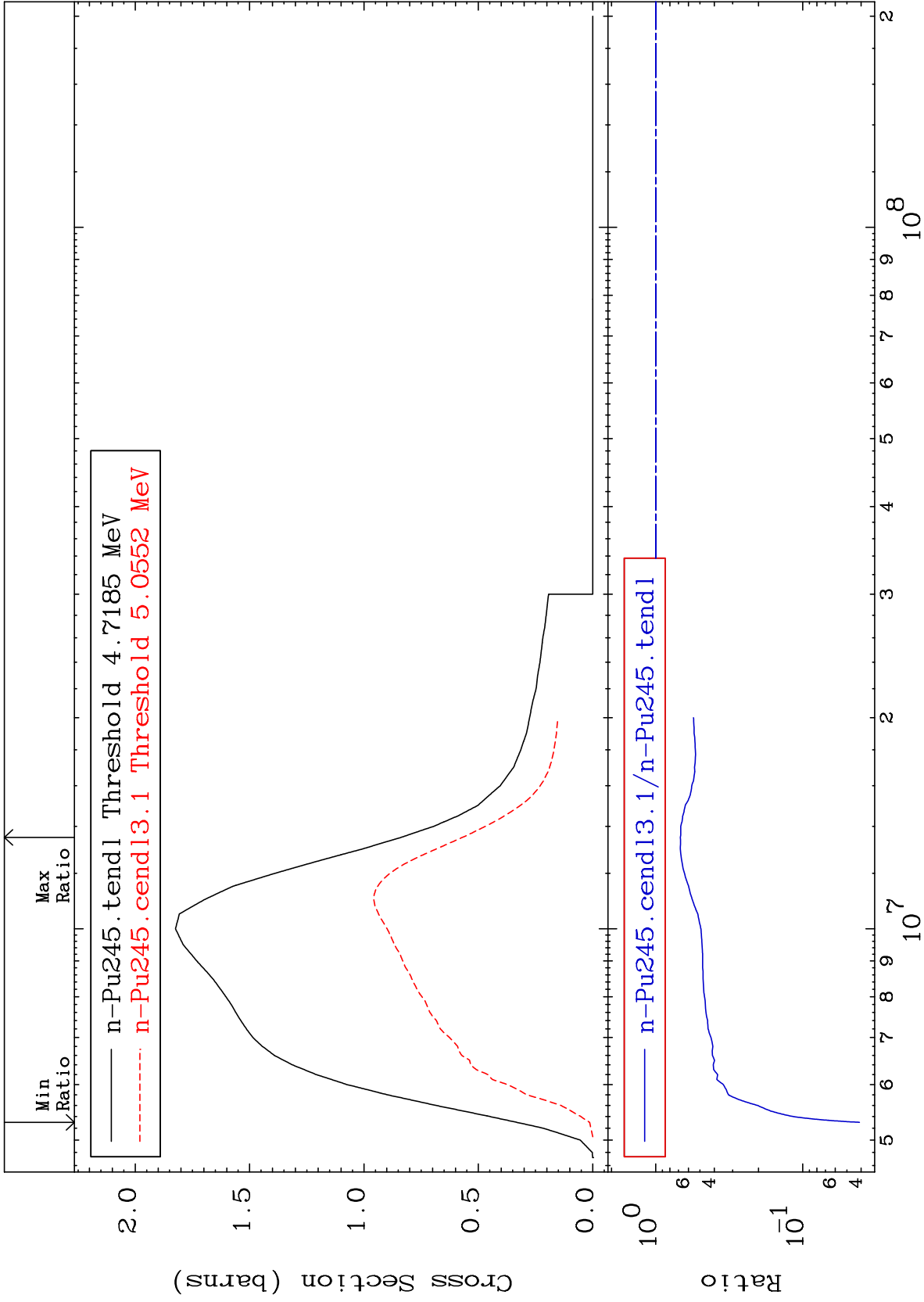
MAT 9455

(n,2n)

94-Pu-245

Cross Section

-95.89 To -32.00%



4

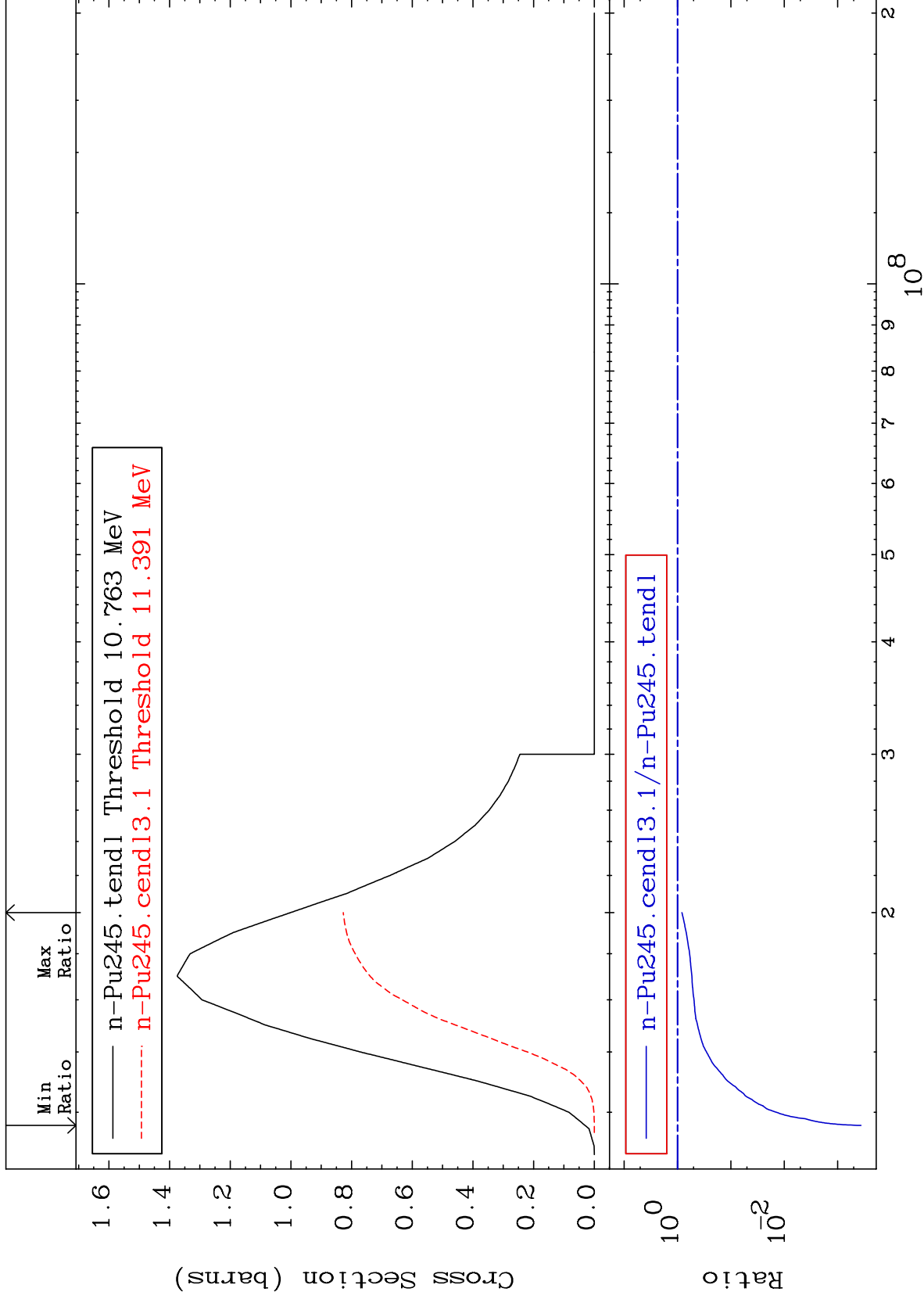
Incident Energy (eV)

94-Pu-245

MAT 9455

(n,3n)  
Cross Section

94-Pu-245  
-99.96 To -17.34%



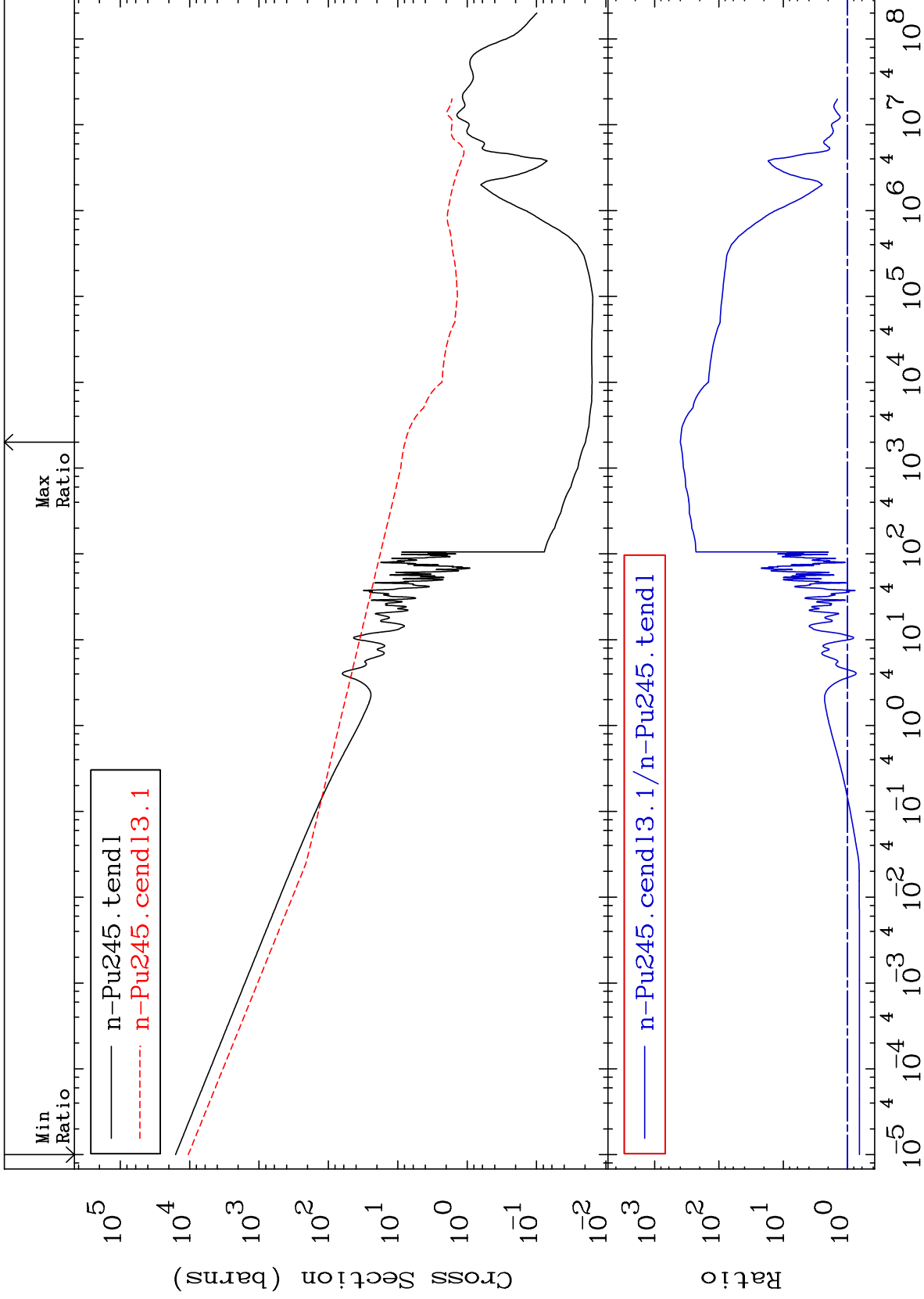
MAT 9455

Fission

94-Pu-245

Cross Section

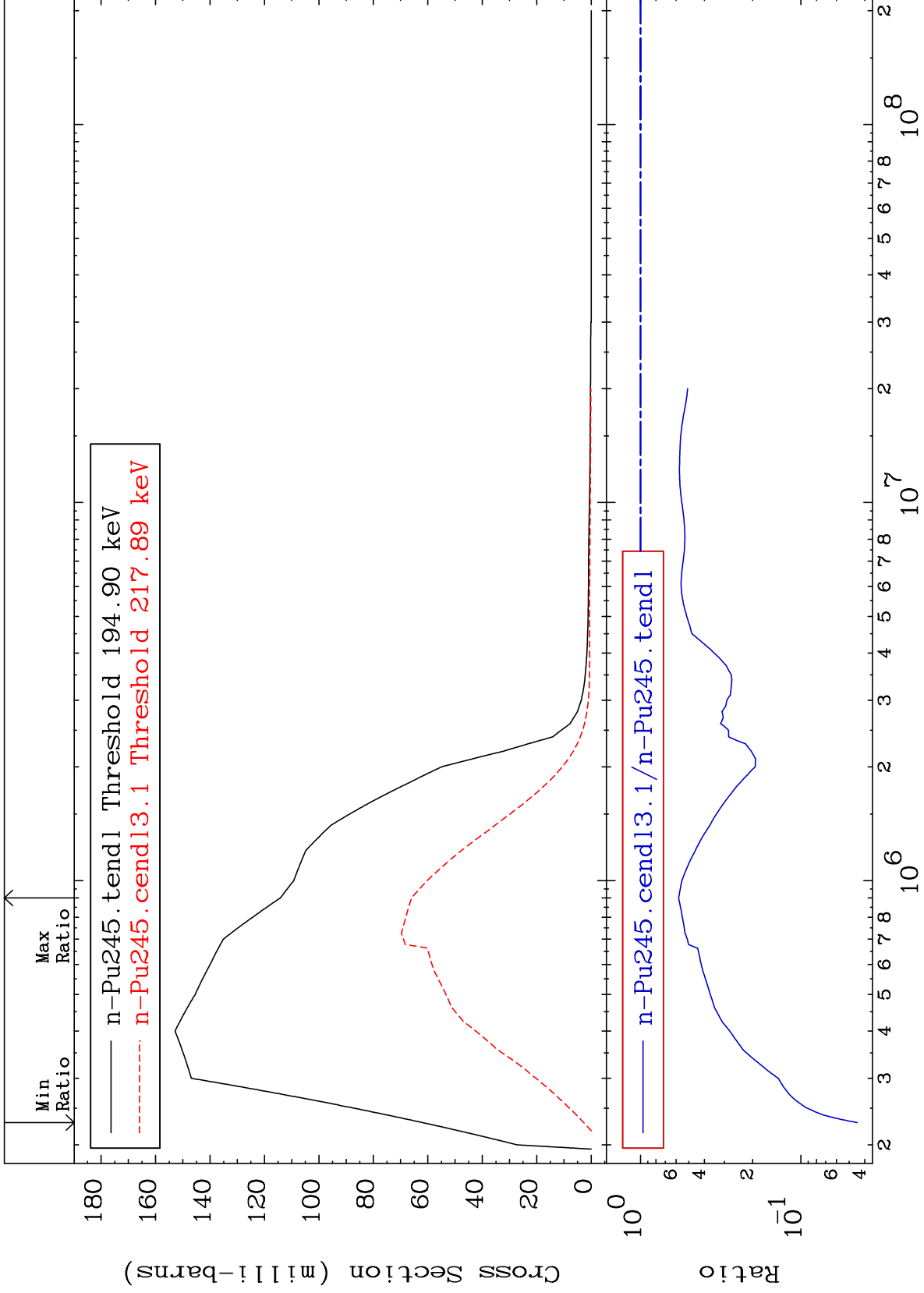
-34.59 To 9999. %



MAT 9455

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

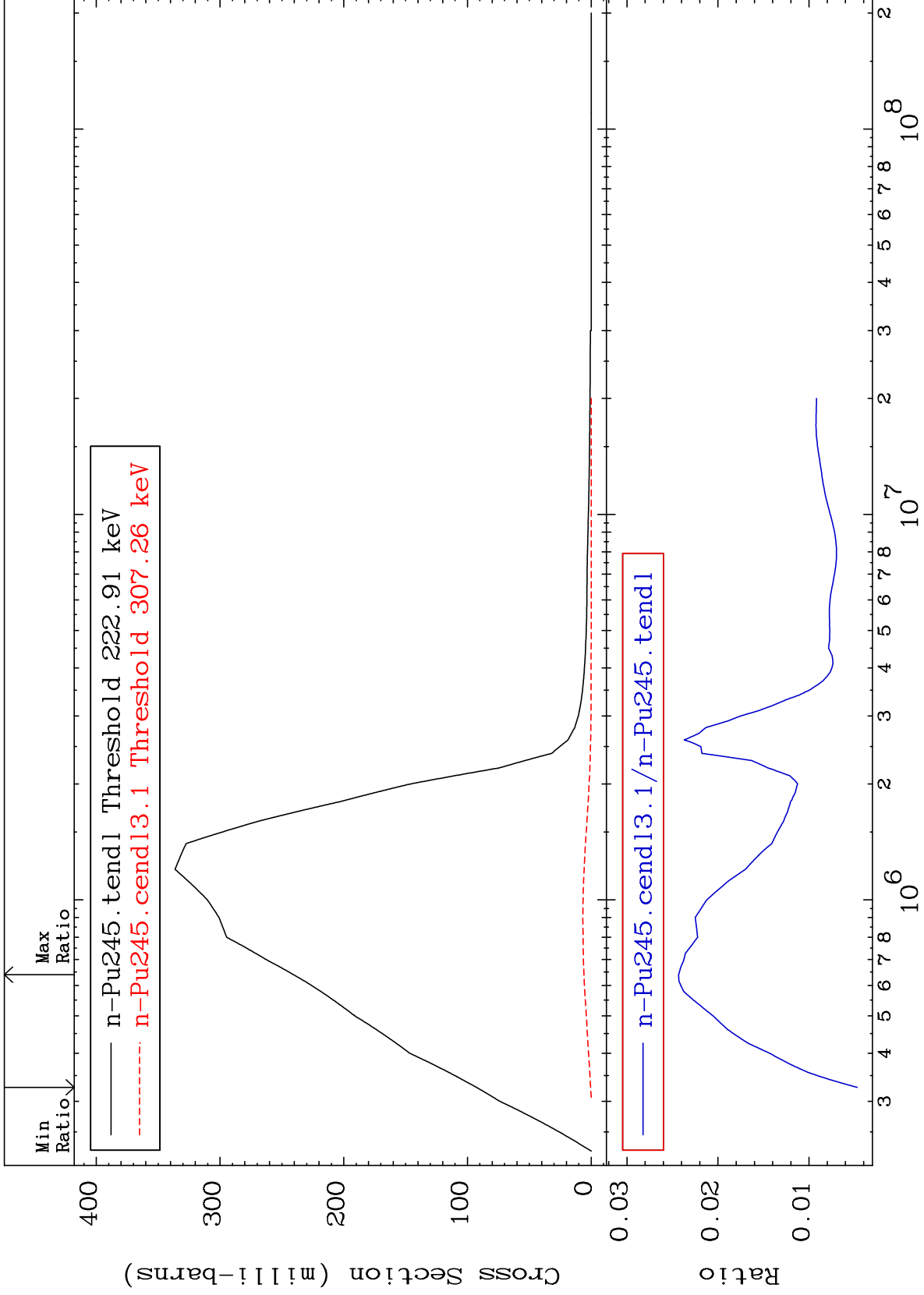
94-Pu-245  
-95.55 To -42.20%



MAT 9455

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

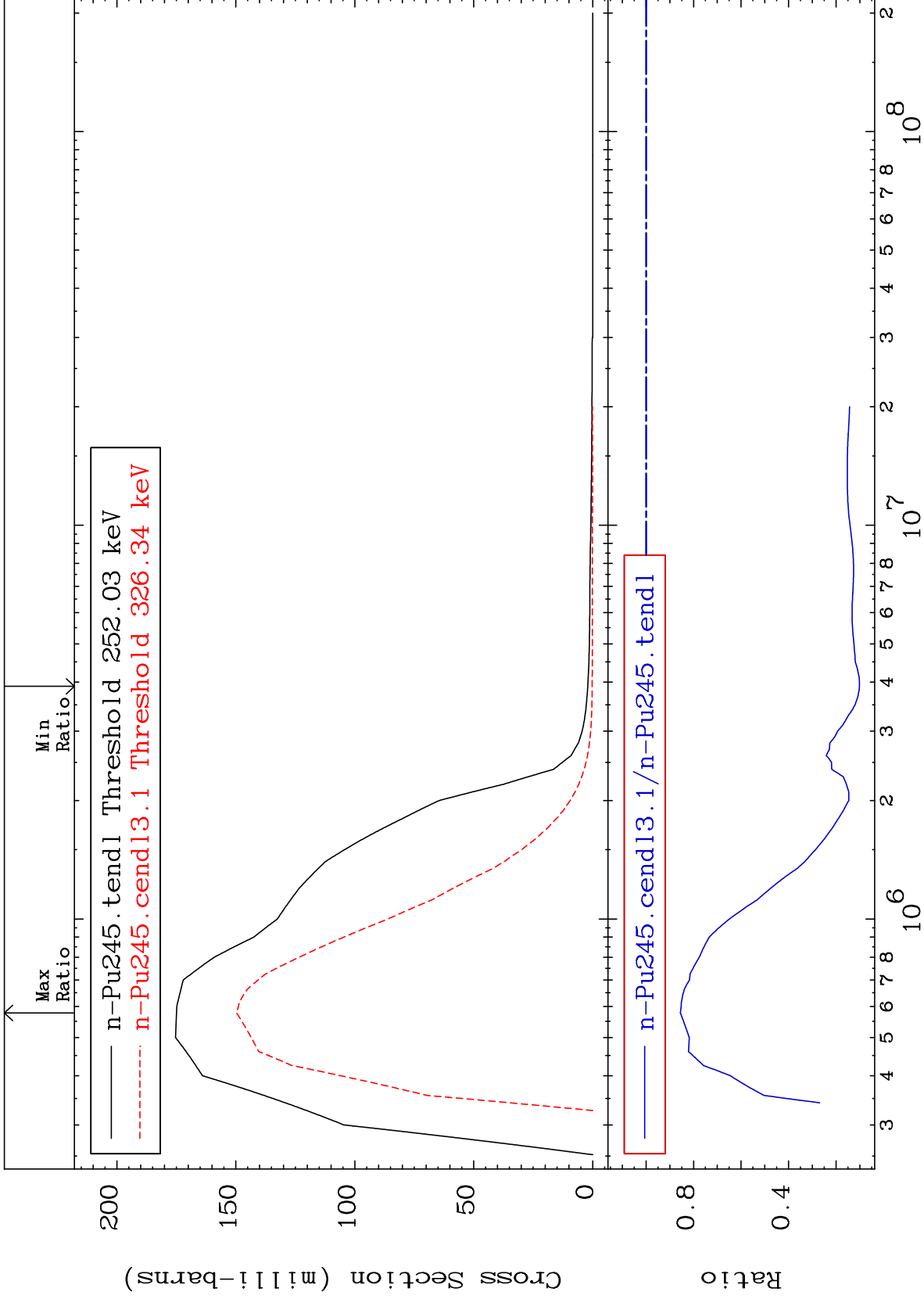
94-Pu-245  
-99.53 To -97.57%



MAT 9455

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

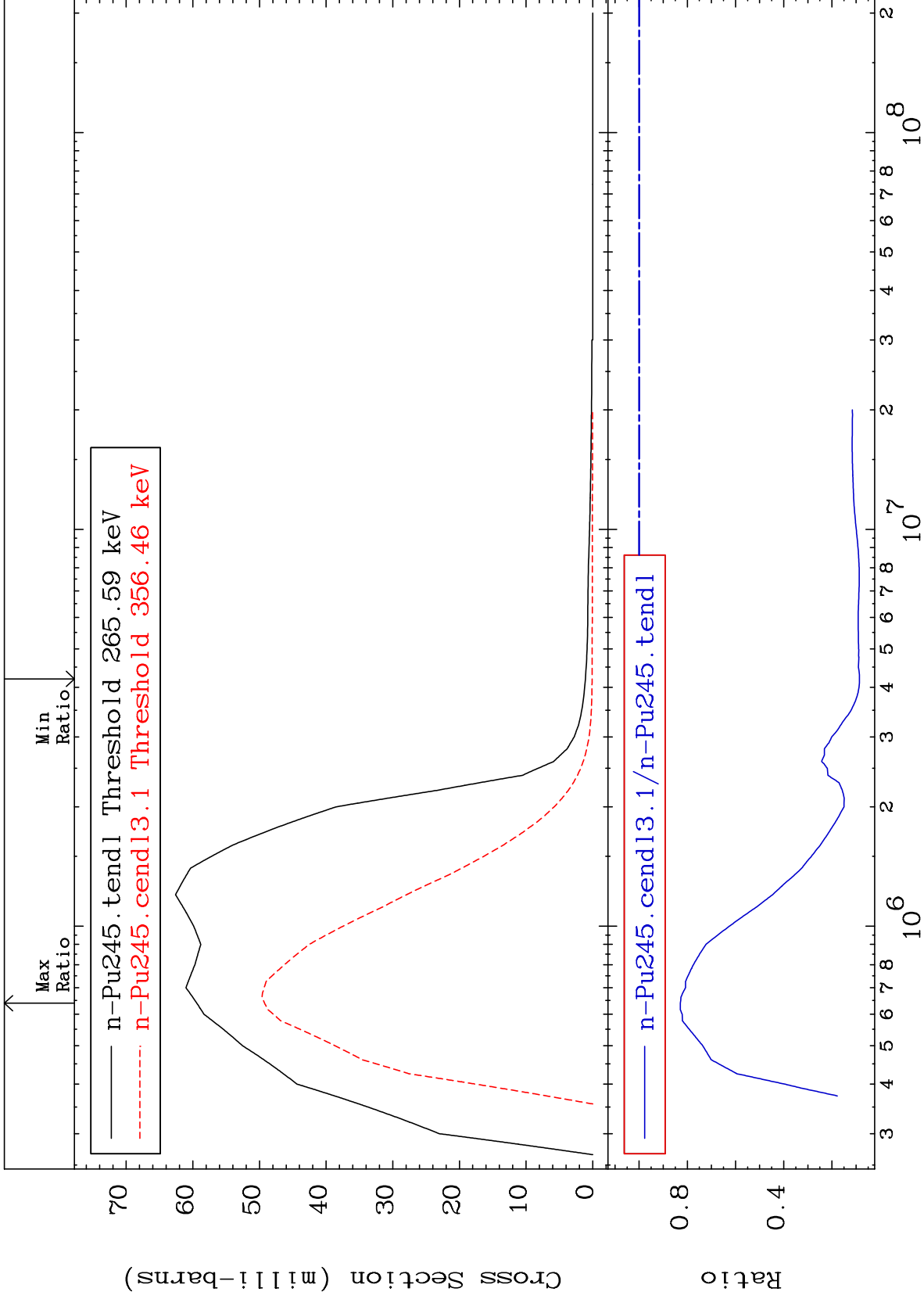
94-Pu-245  
-89.83 To -14.44%



MAT 9455

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

94-Pu-245  
-91.41 To -17.11%



10

Incident Energy (eV)

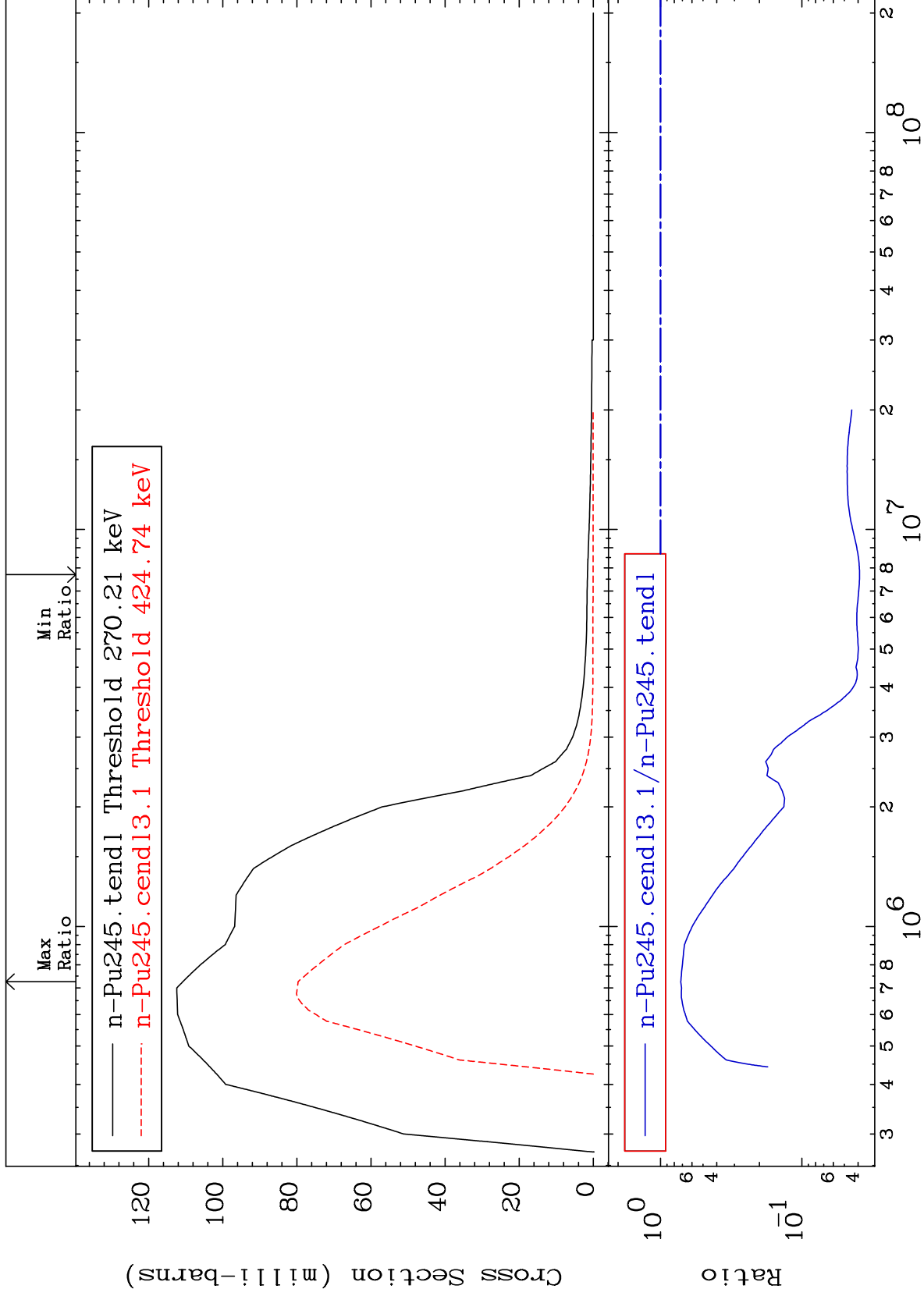
94-Pu-245



MAT 9455

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

94-Pu-245  
-96.09 To -28.09%



11

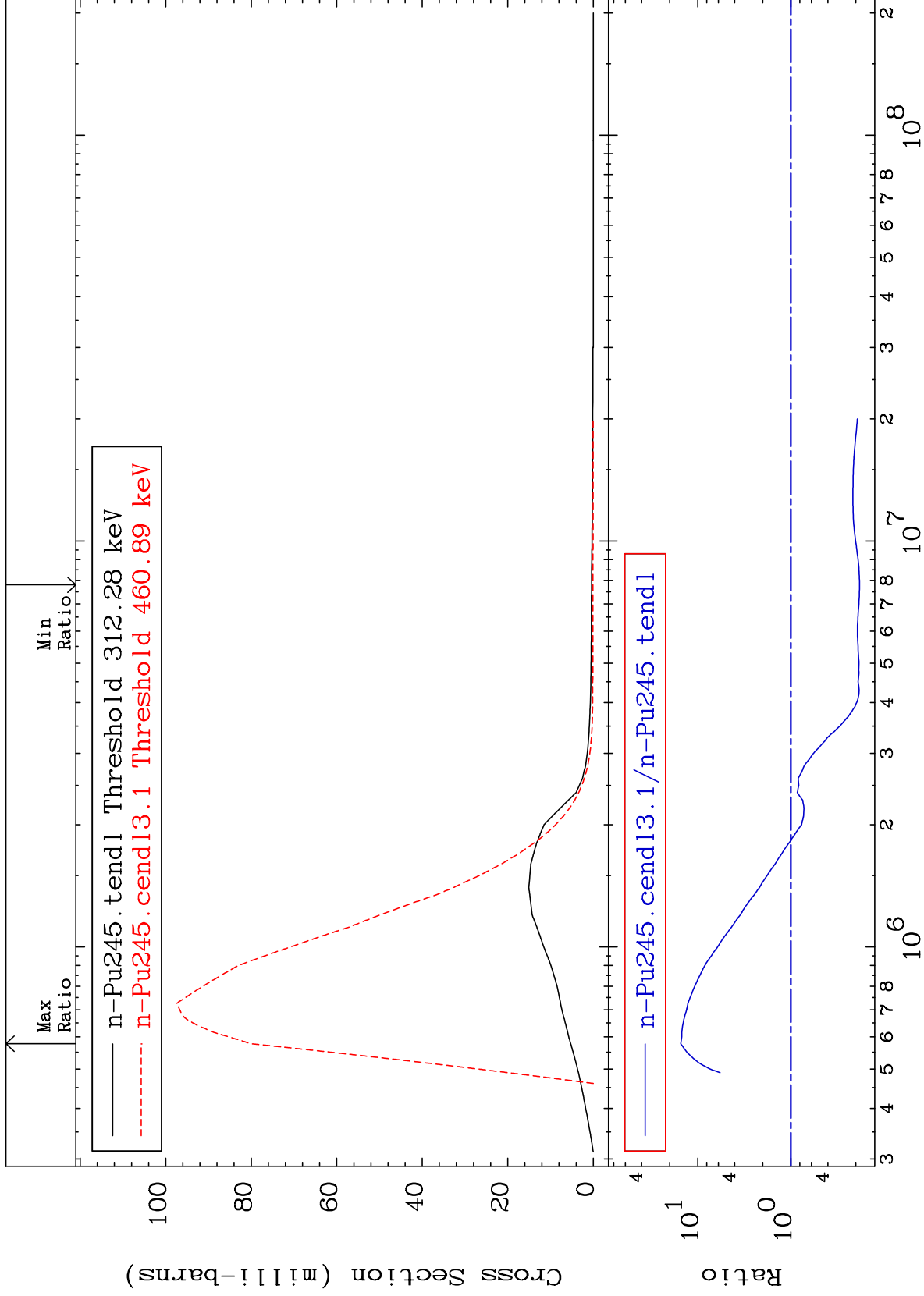
Incident Energy (eV)

94-Pu-245

MAT 9455

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

94-Pu-245  
-81.76 To 1420. %



12

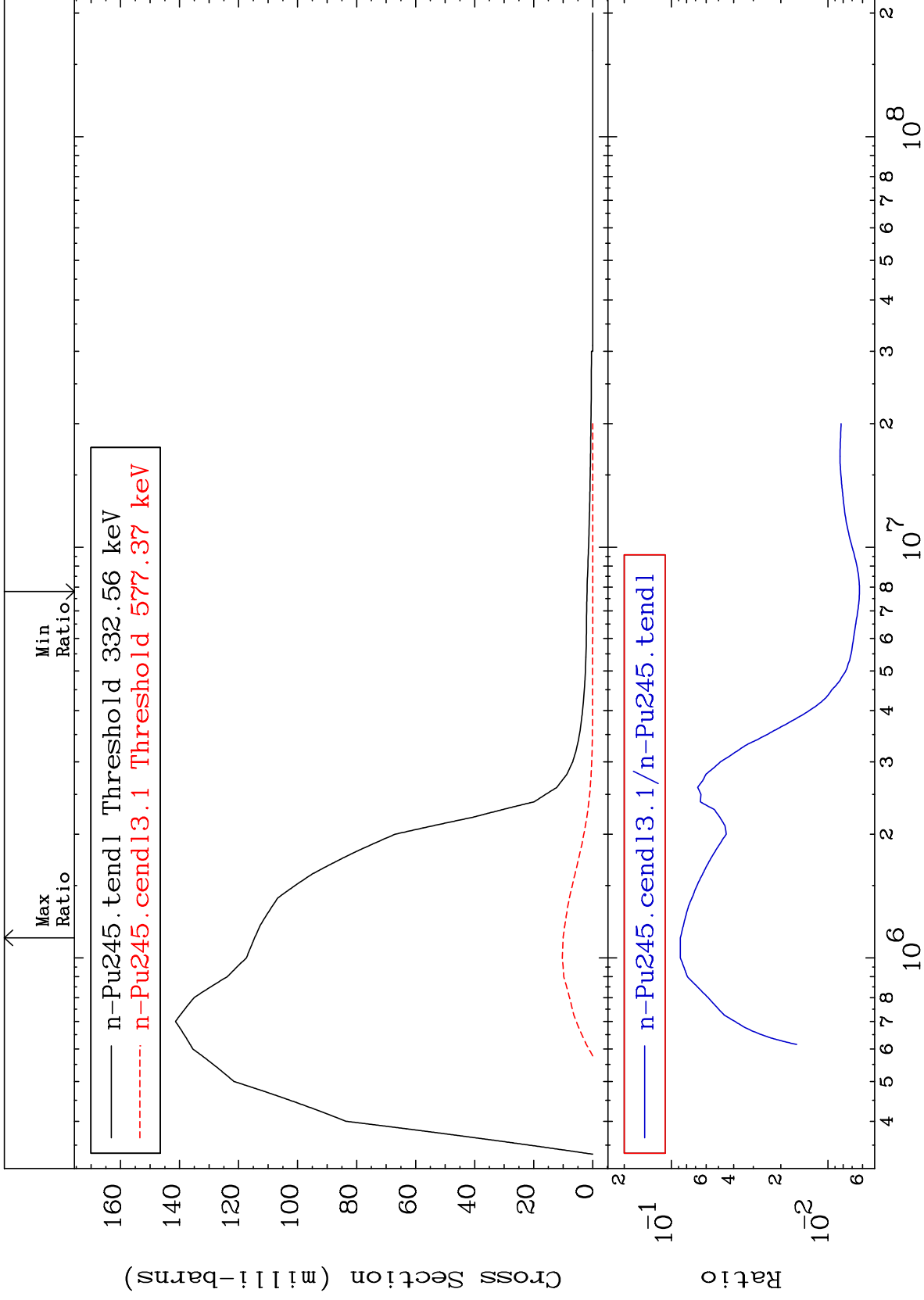
Incident Energy (eV)

94-Pu-245

MAT 9455

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

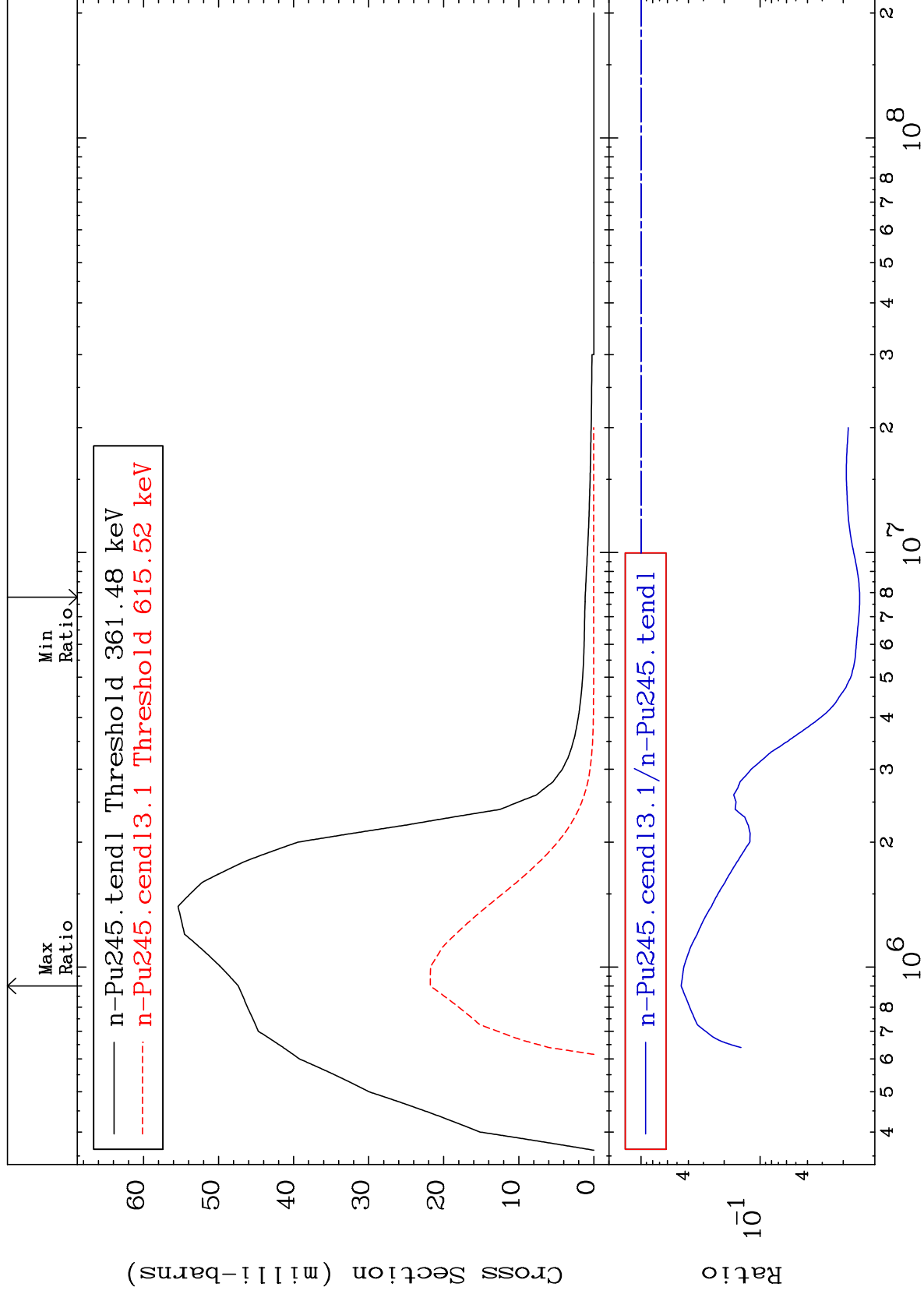
94-Pu-245  
-99.37 To -91.24%



MAT 9455

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

94-Pu-245  
-98.54 To -53.99%



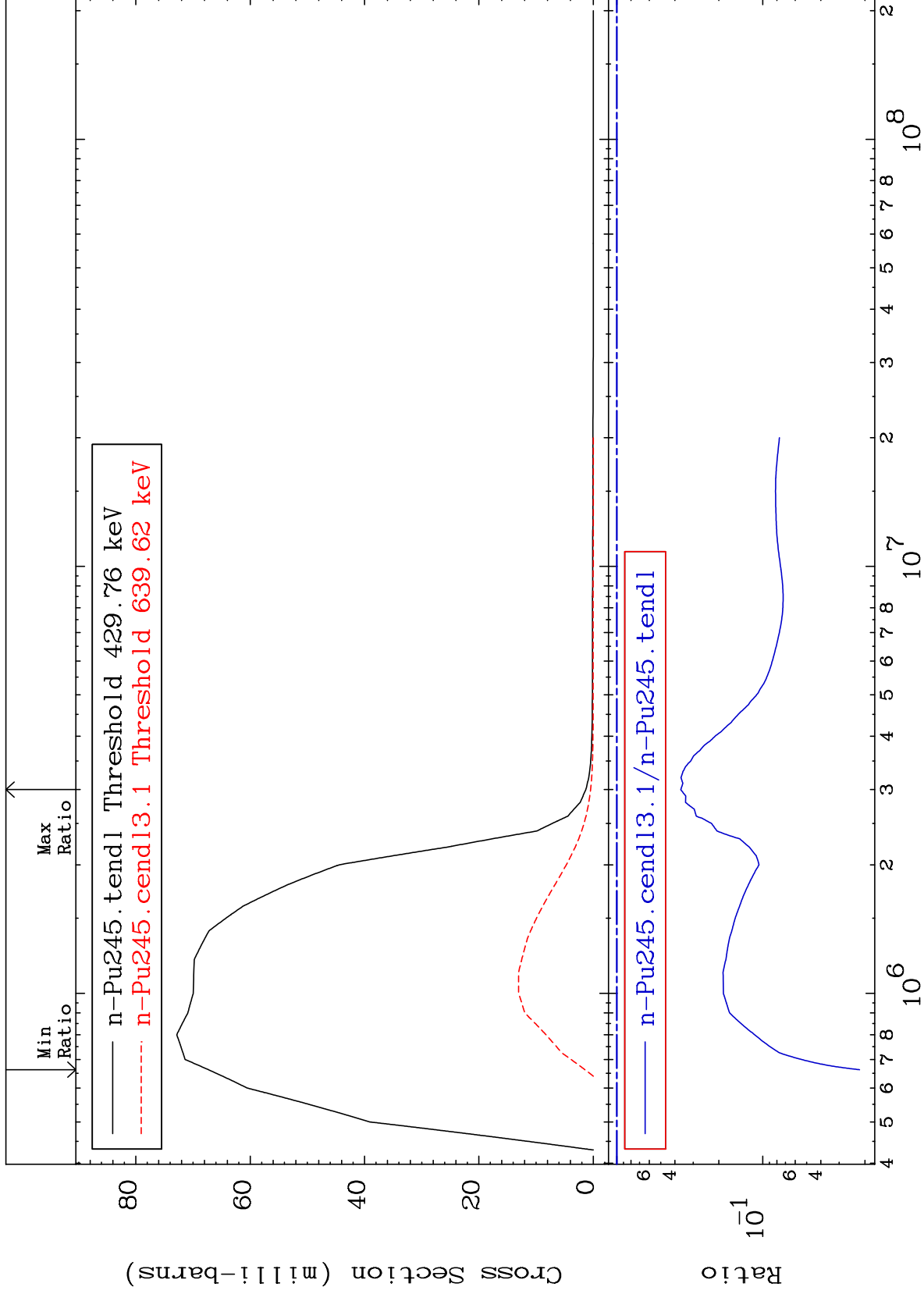
14

94-Pu-245

MAT 9455

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

94-Pu-245  
-97.83 To -63.52%



15

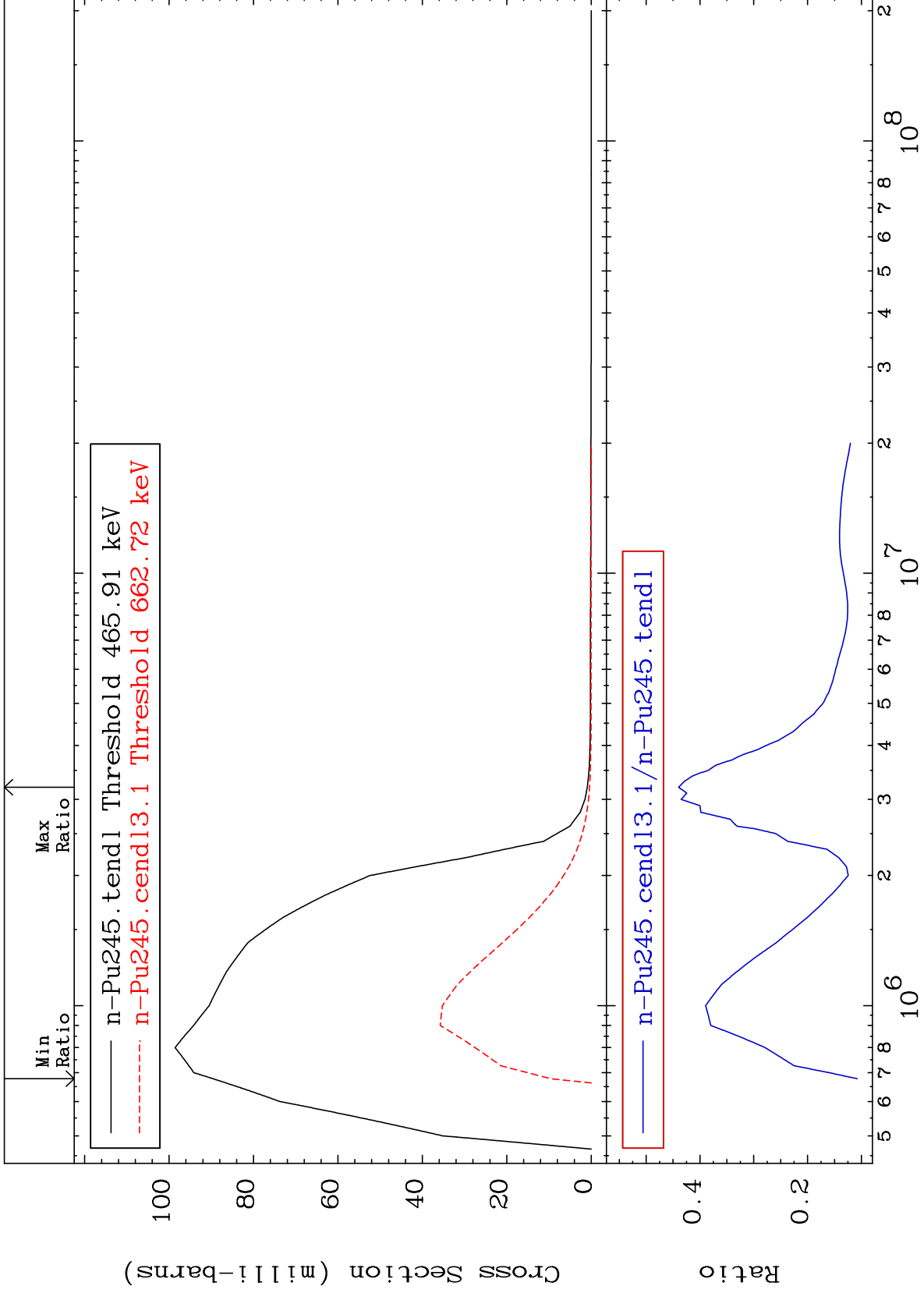
Incident Energy (eV)

94-Pu-245

MAT 9455

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

94-Pu-245  
-89.23 To -56.04%



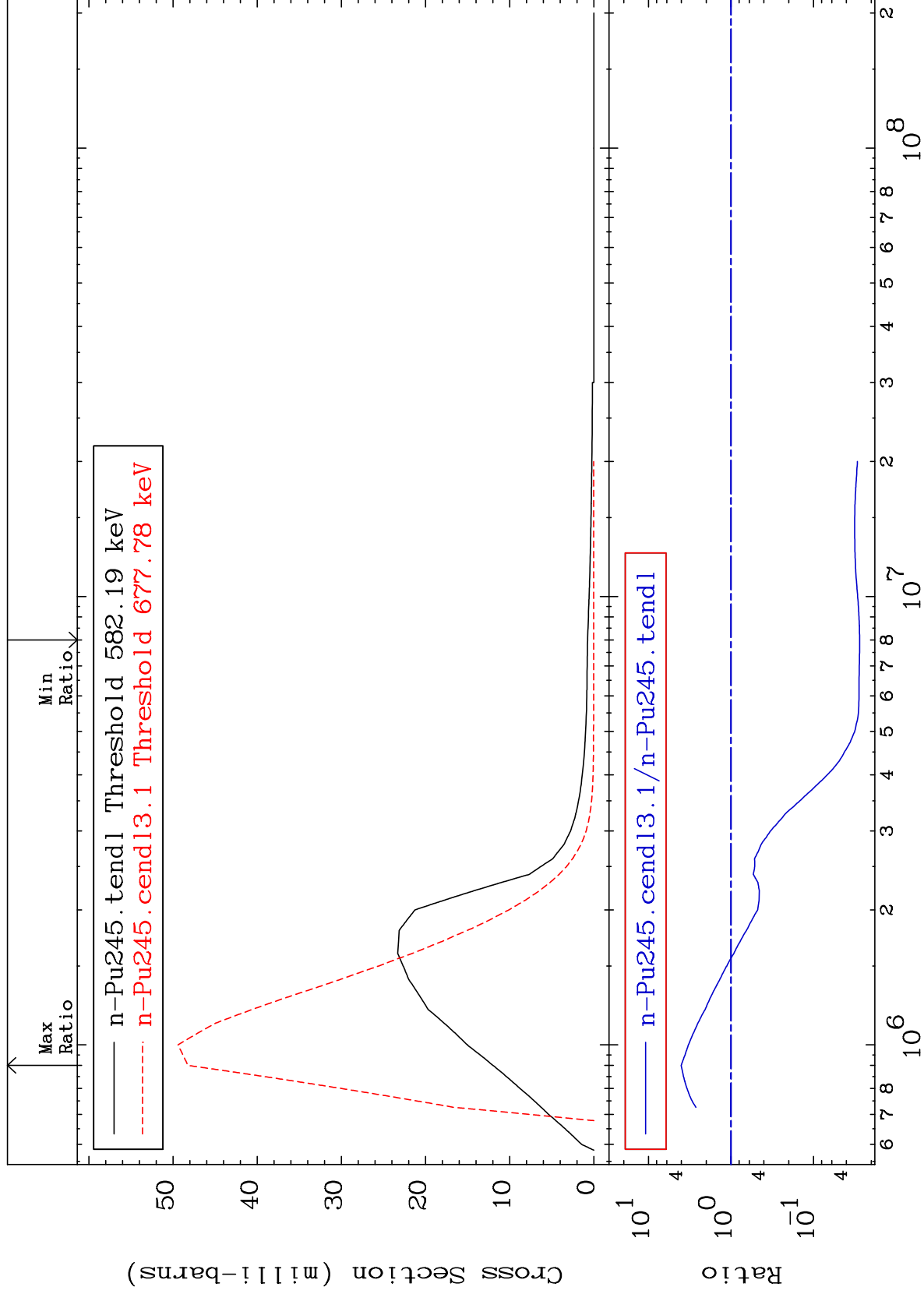
16

94-Pu-245

MAT 9455

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

94-Pu-245  
-97.24 To 302.6 %



17

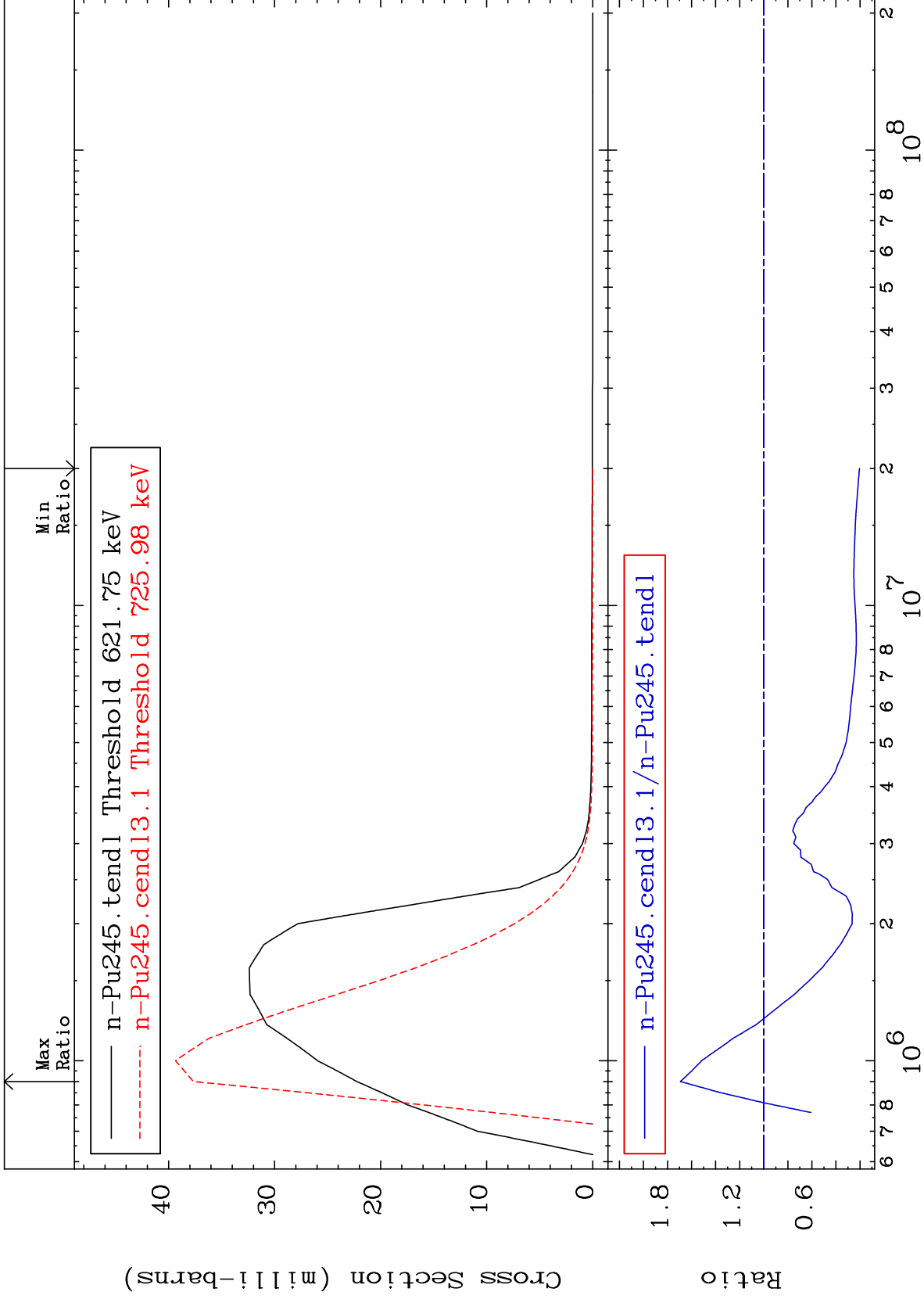
Incident Energy (eV)

94-Pu-245

MAT 9455

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

94-Pu-245  
-79.54 To 69.32 %



18

Incident Energy (eV)

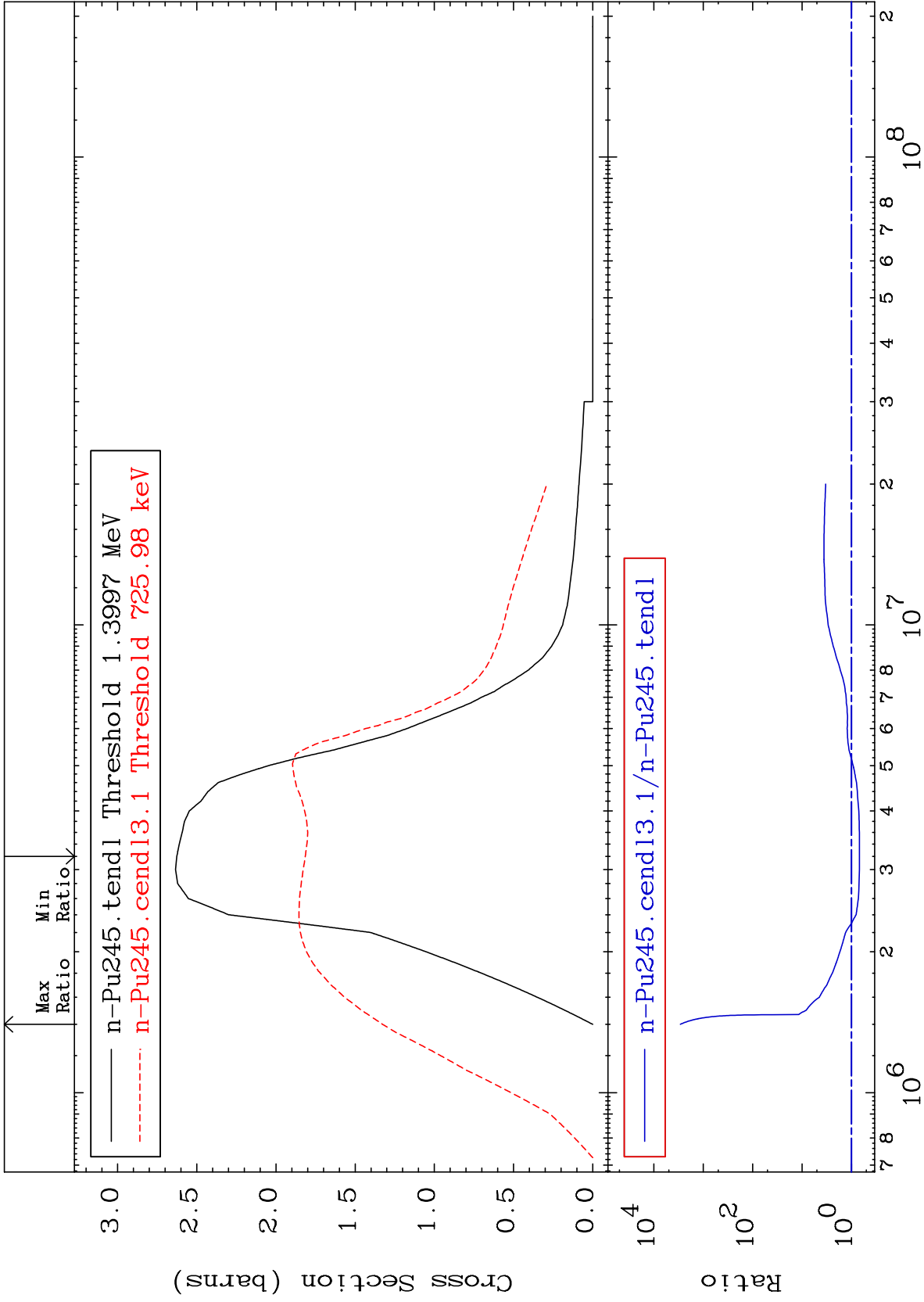
94-Pu-245



MAT 9455

(n, n') Continuum  
Cross Section

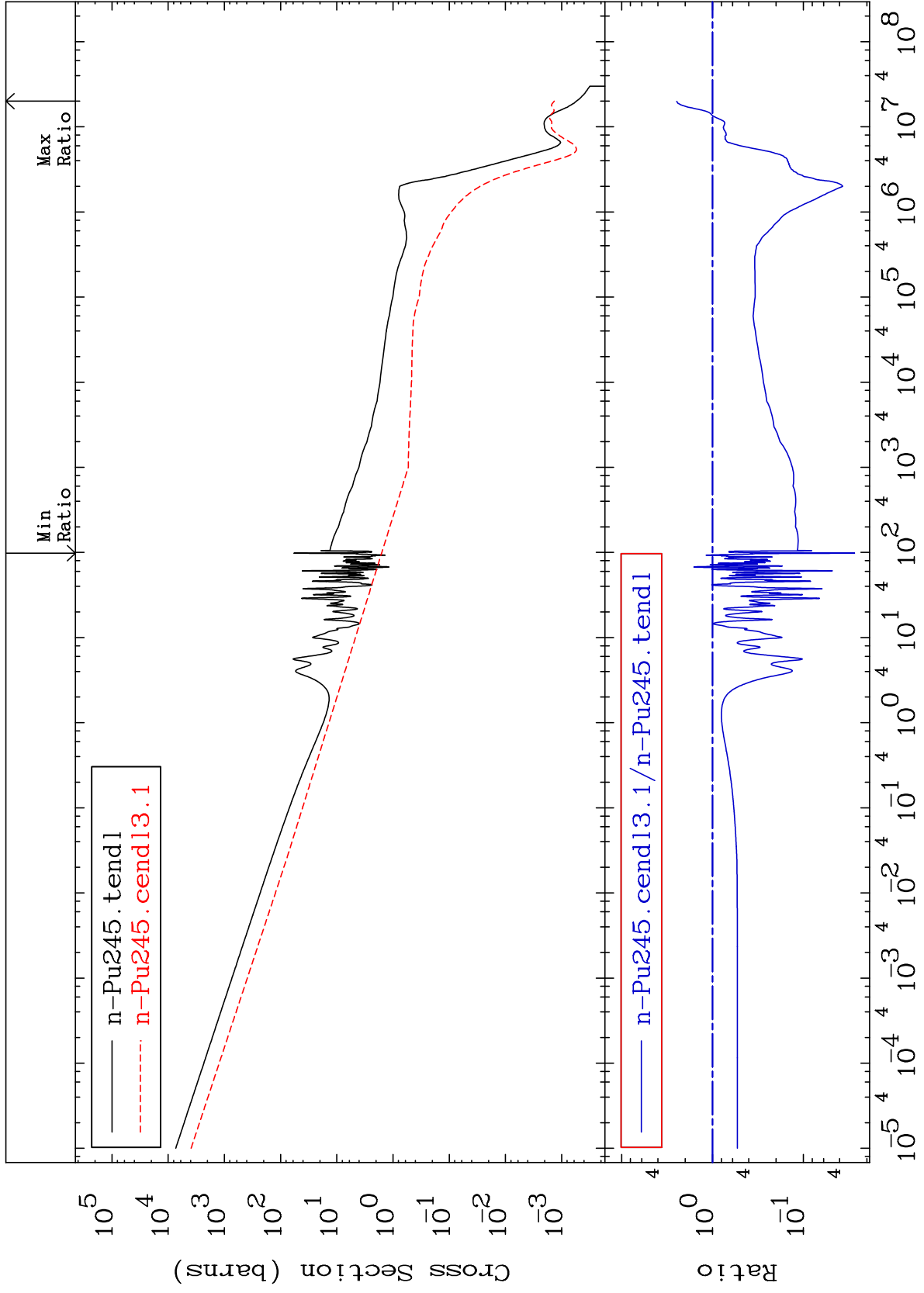
94-Pu-245  
-30.90 To 9999. %



MAT 9455

(n,  $\gamma$ )  
Cross Section

94-Pu-245  
-97.26 To 147.4 %



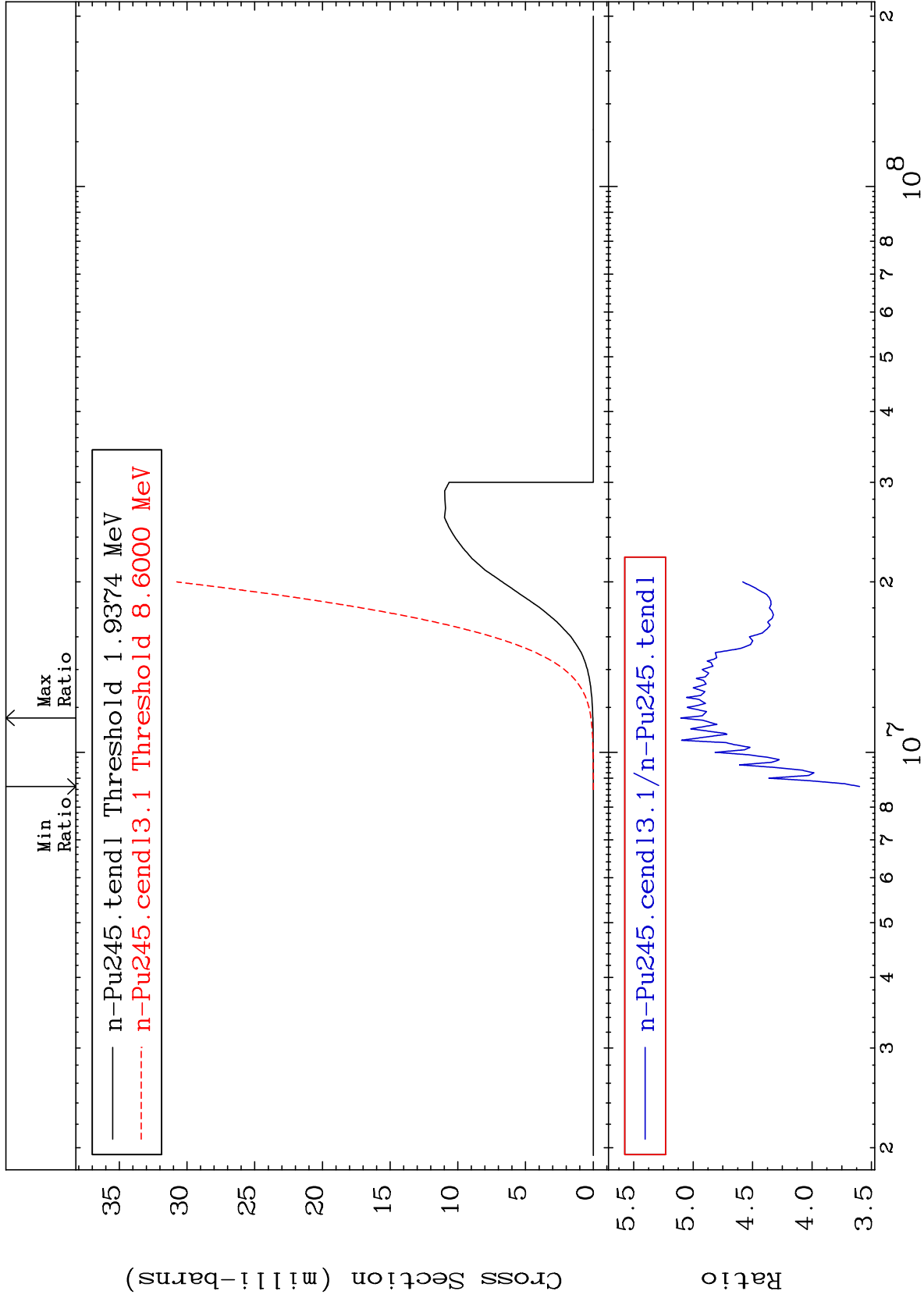
MAT 9455

(n,p)

94-Pu-245

Cross Section

260.0 To 410.4 %



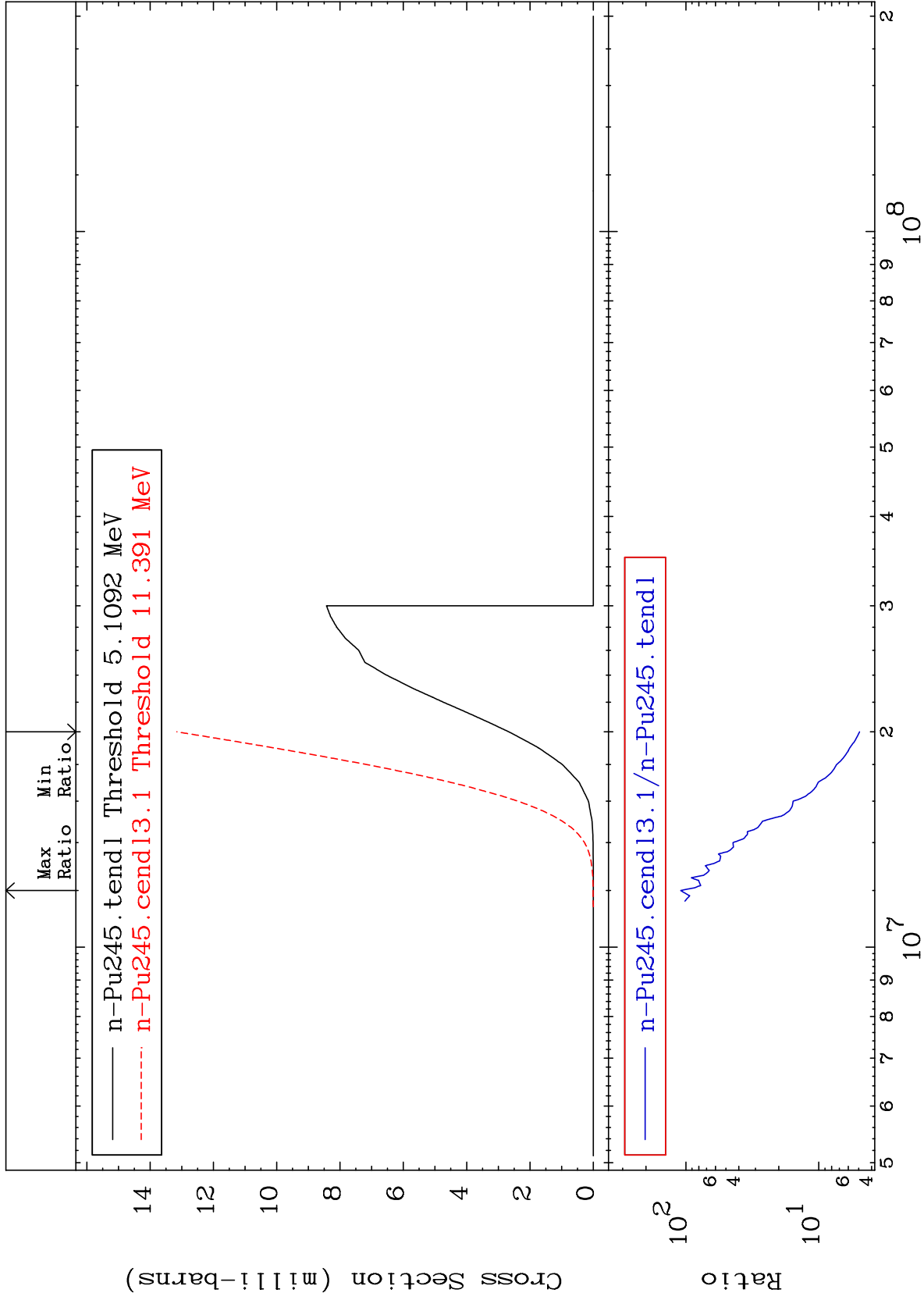
MAT 9455

(n, d)

94-Pu-245

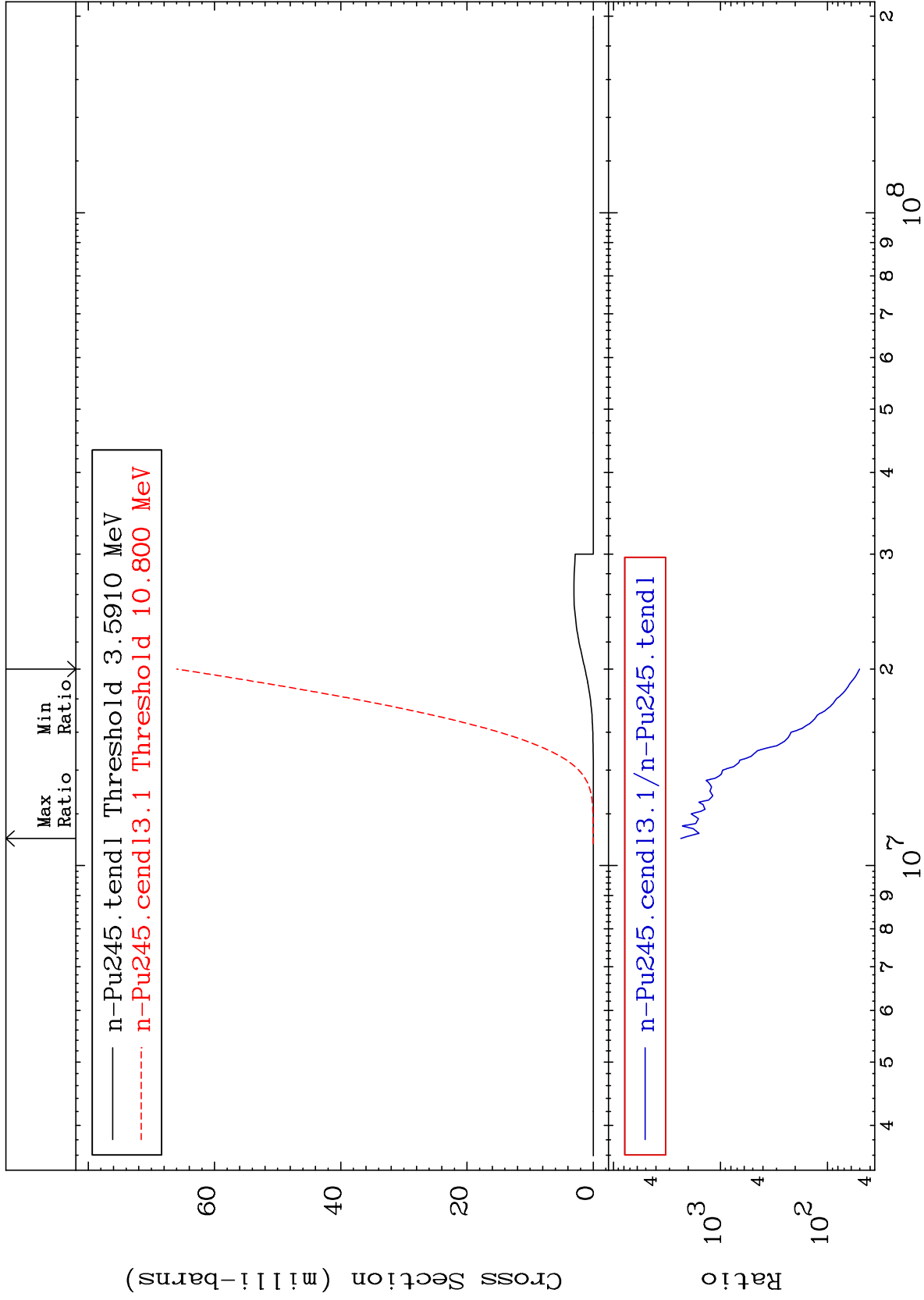
Cross Section

393.5 To 9999. %



MAT 9455

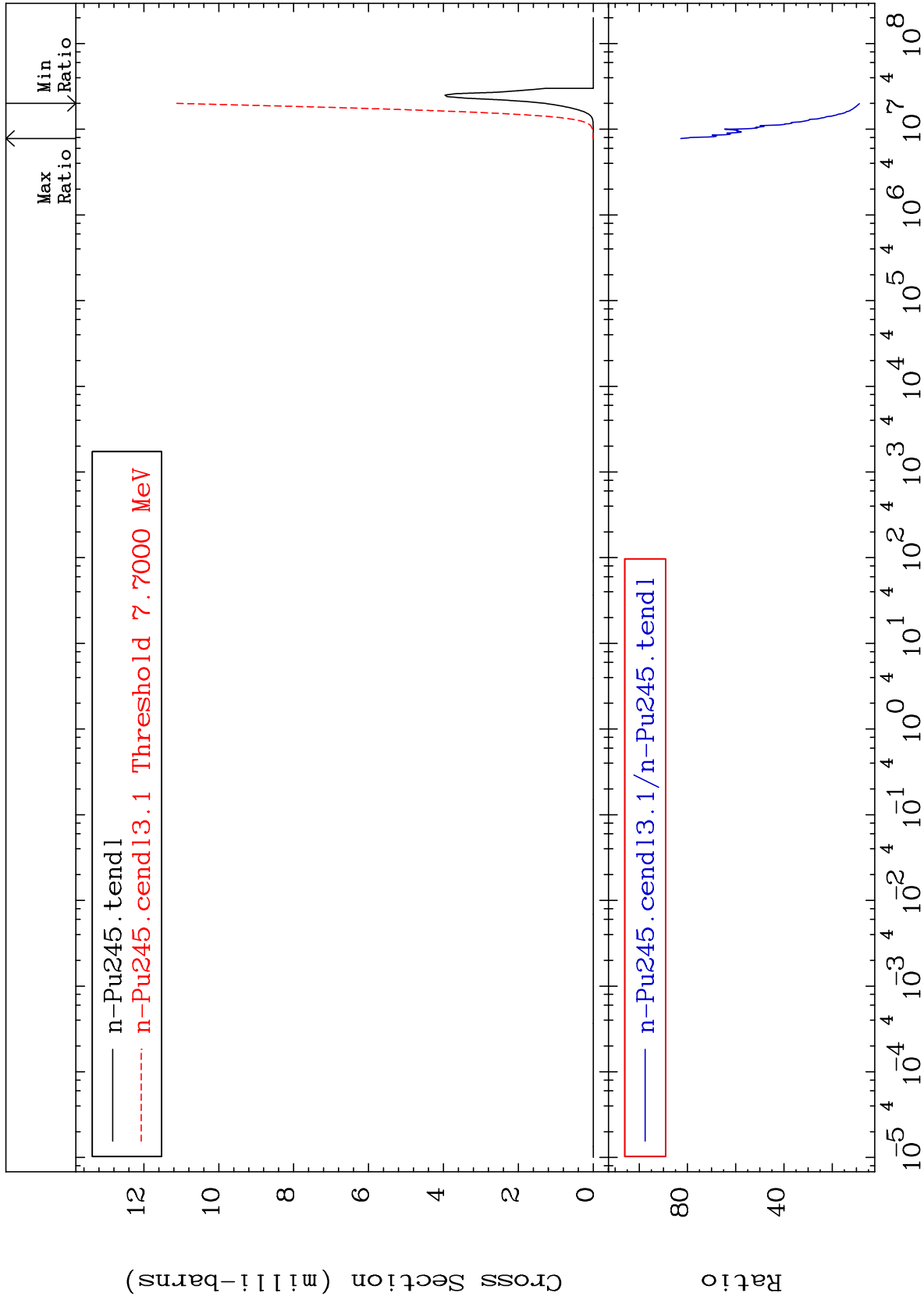
(n, t)  
Cross Section  
94-Pu-245  
4916. To 9999. %



MAT 9455

(n,  $\alpha$ )  
Cross Section

94-Pu-245  
769.4 To 8178. %



24

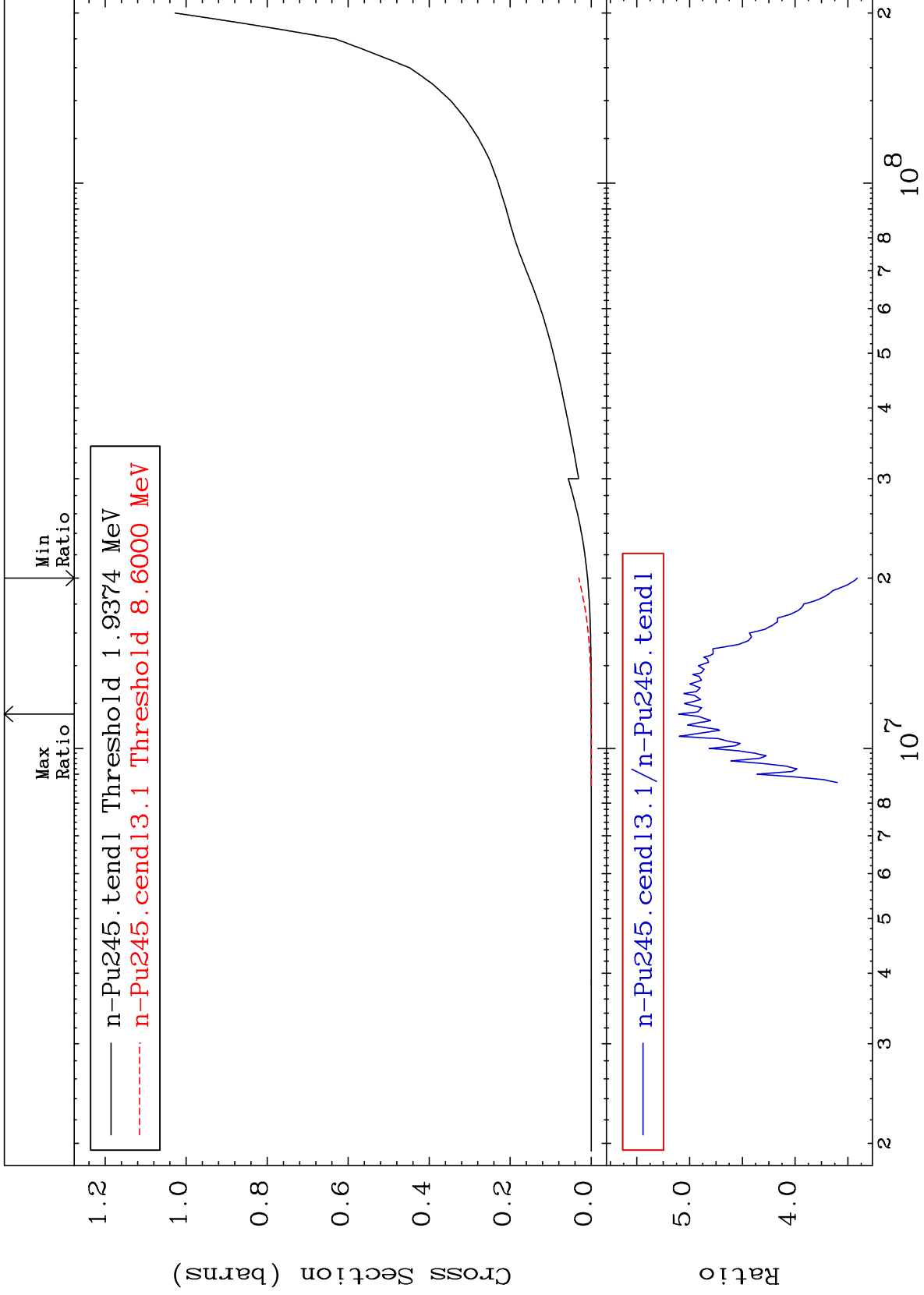
Incident Energy (eV)

94-Pu-245

MAT 9455

Hydrogen Production  
Cross Section

94-Pu-245  
241.2 To 410.4 %



25

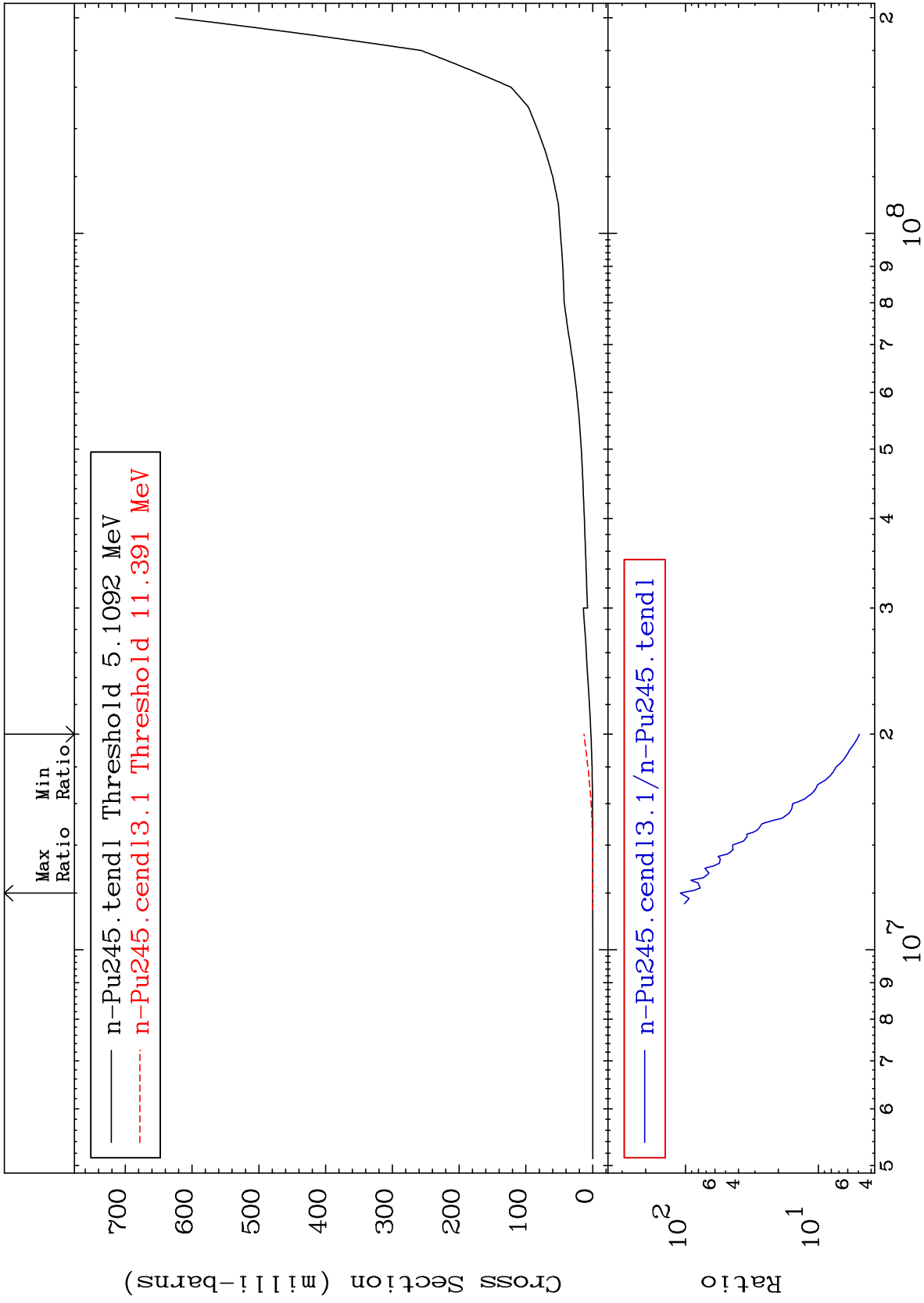
Incident Energy (eV)

94-Pu-245

MAT 9455

Deuterium Production  
Cross Section

94-Pu-245  
390.4 To 9999. %

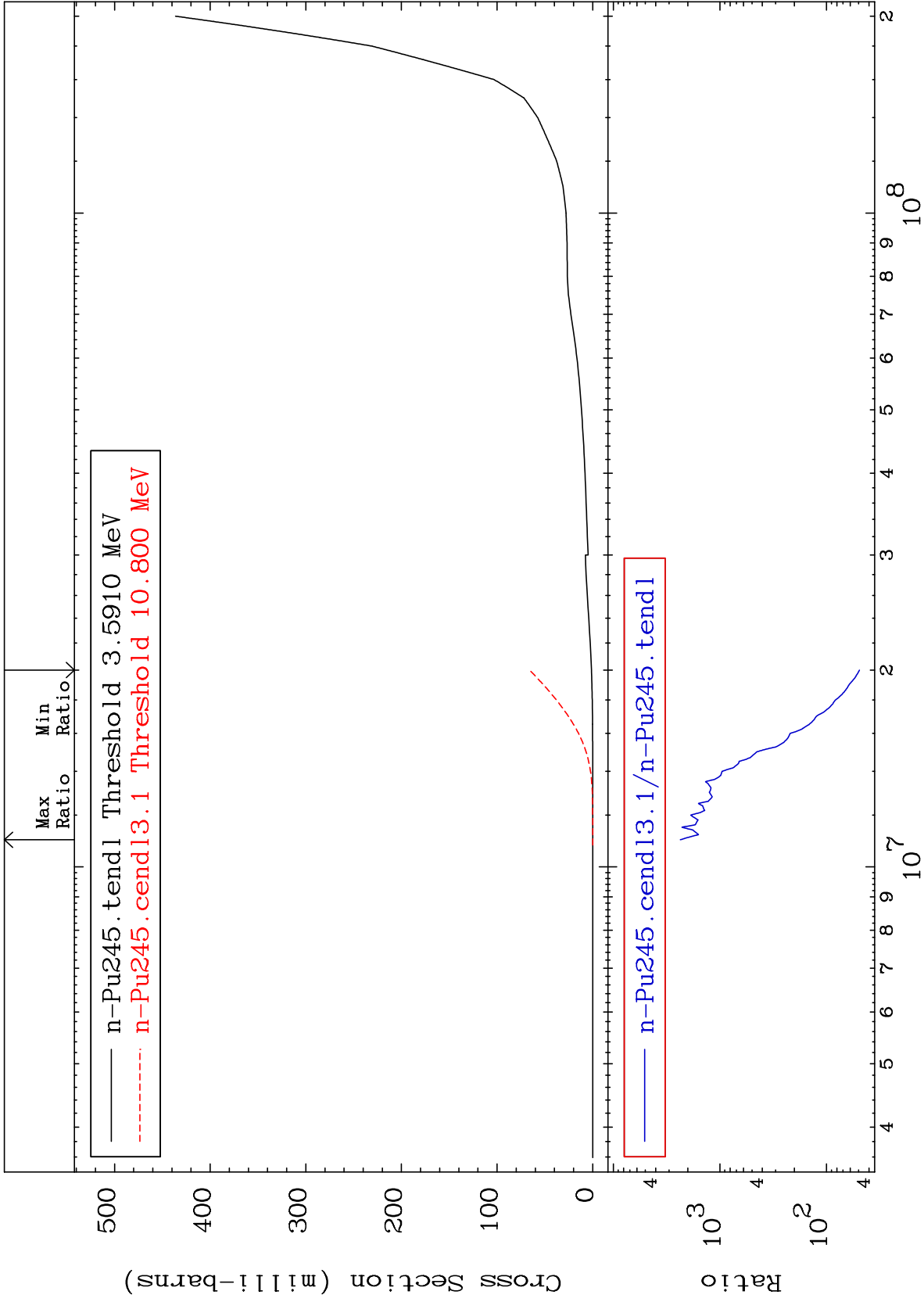




MAT 9455

Tritium Production  
Cross Section

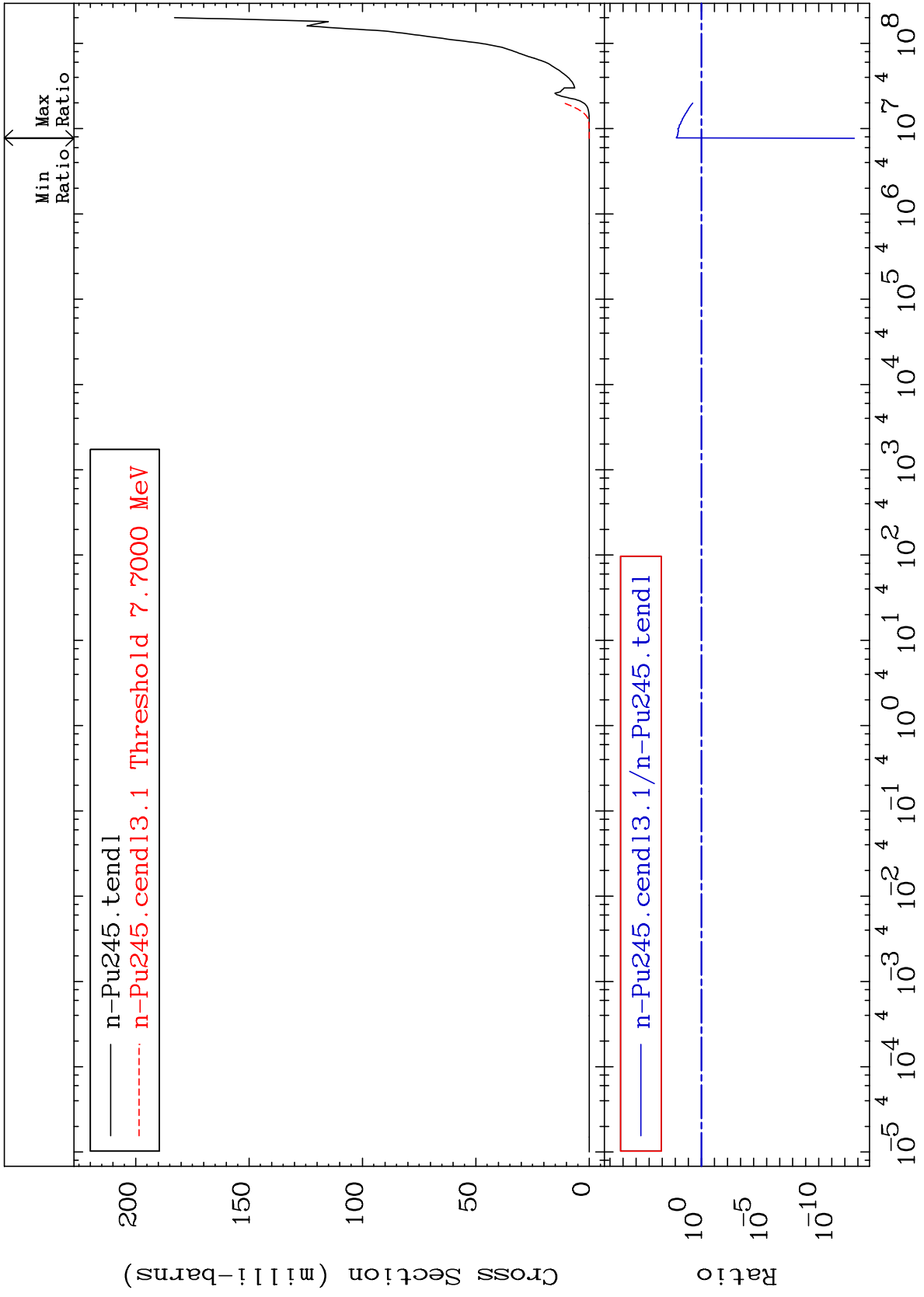
94-Pu-245  
4813. To 9999. %



MAT 9455

He-4 Production  
Cross Section

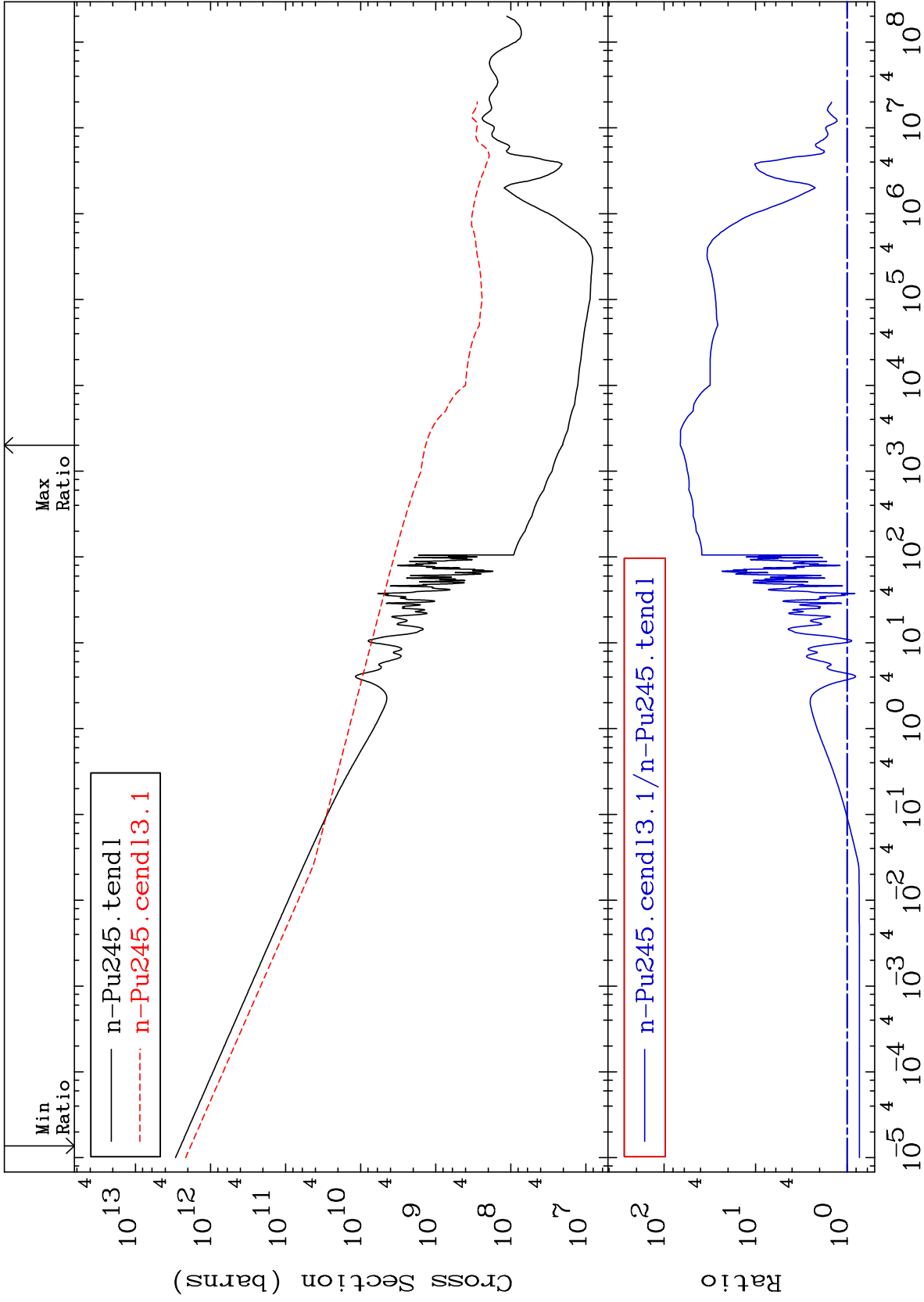
94-Pu-245  
-100.0 To 8168. %



MAT 9455

Kerma total (eV-barns)  
Cross Section

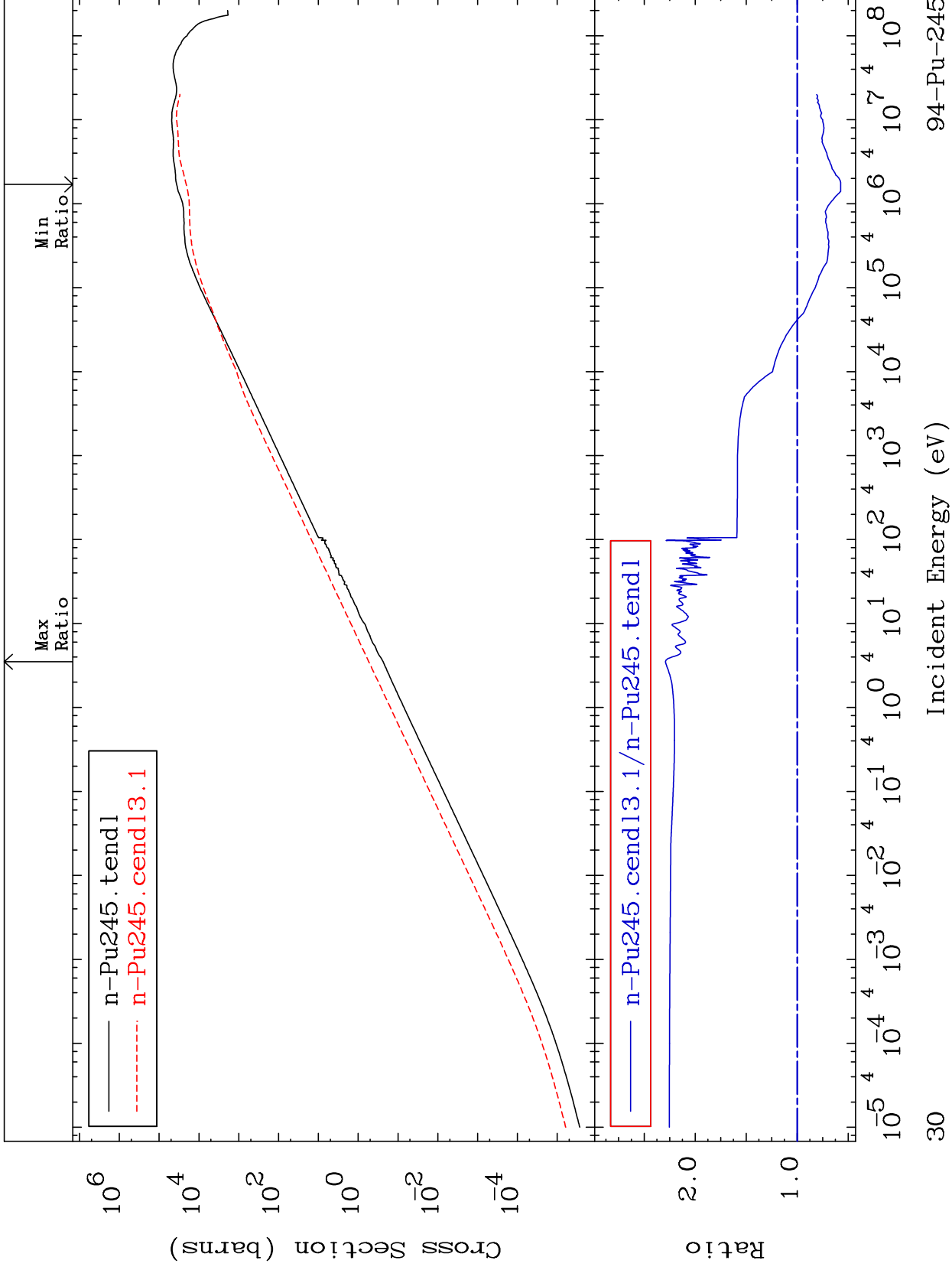
94-Pu-245  
-26.64 To 6533. %

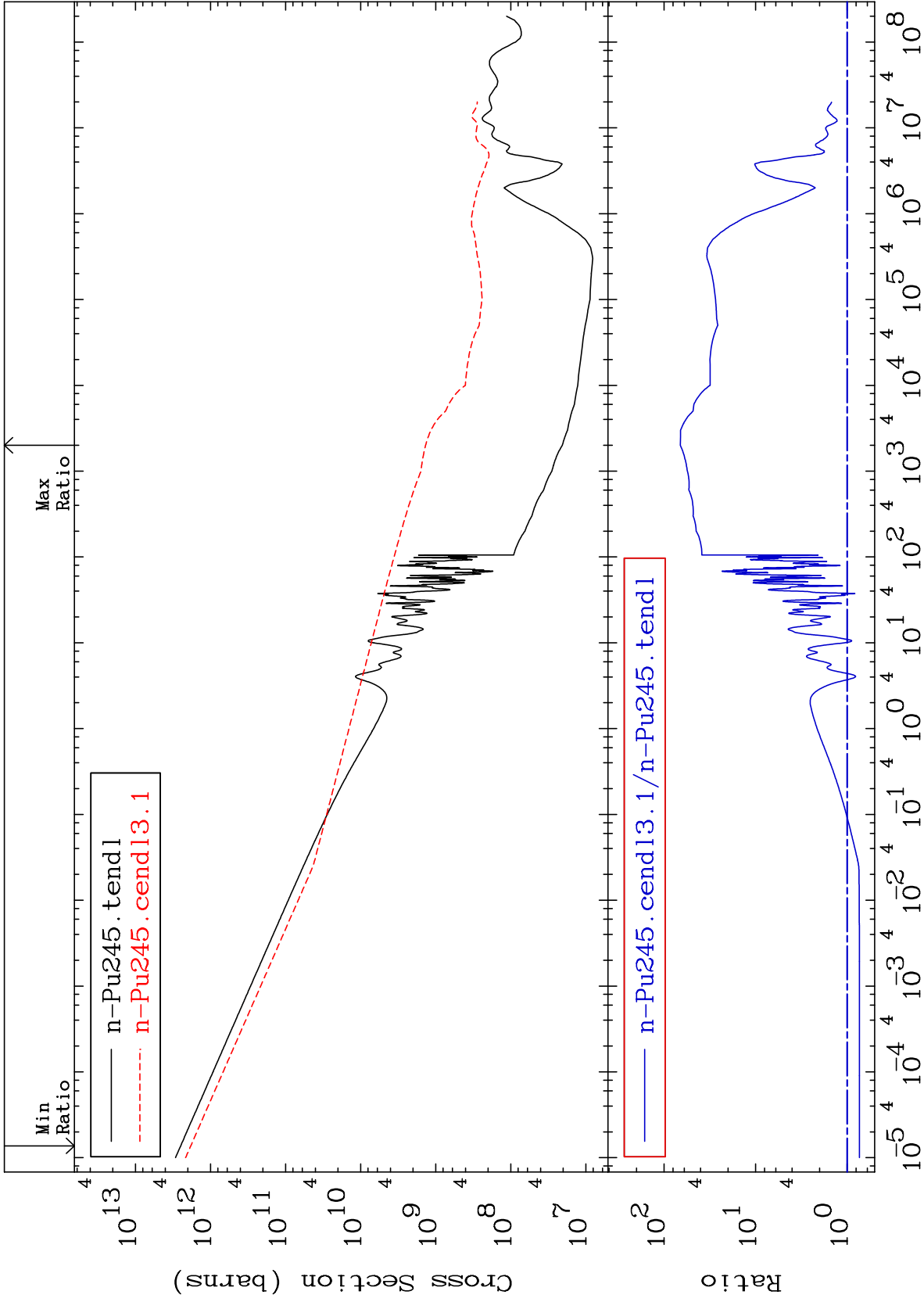


MAT 9455

Kerma elastic  
Cross Section

94-Pu-245  
-42.63 To 129.1 %

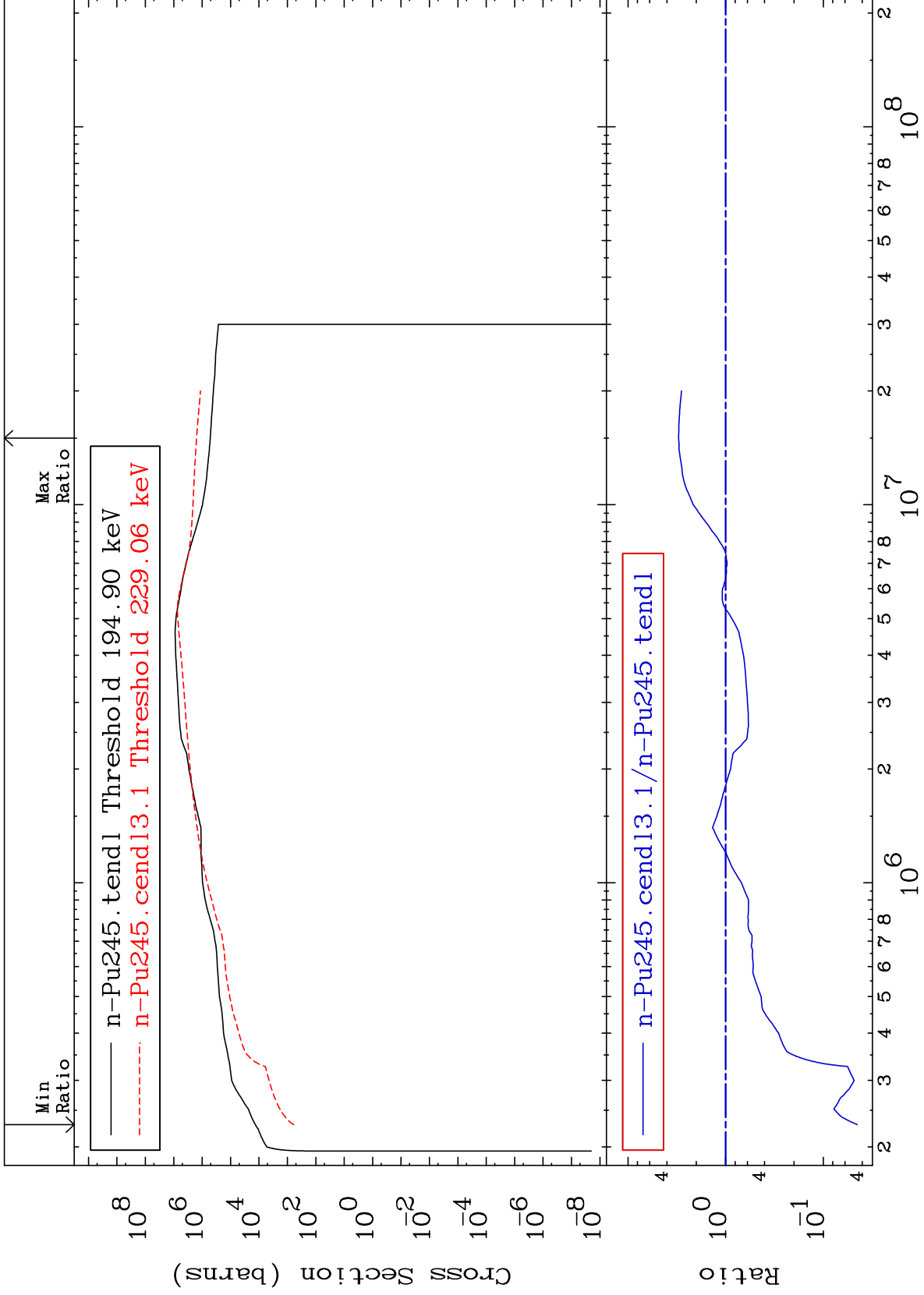




MAT 9455

Kerma inelastic (mt51-91)  
Cross Section

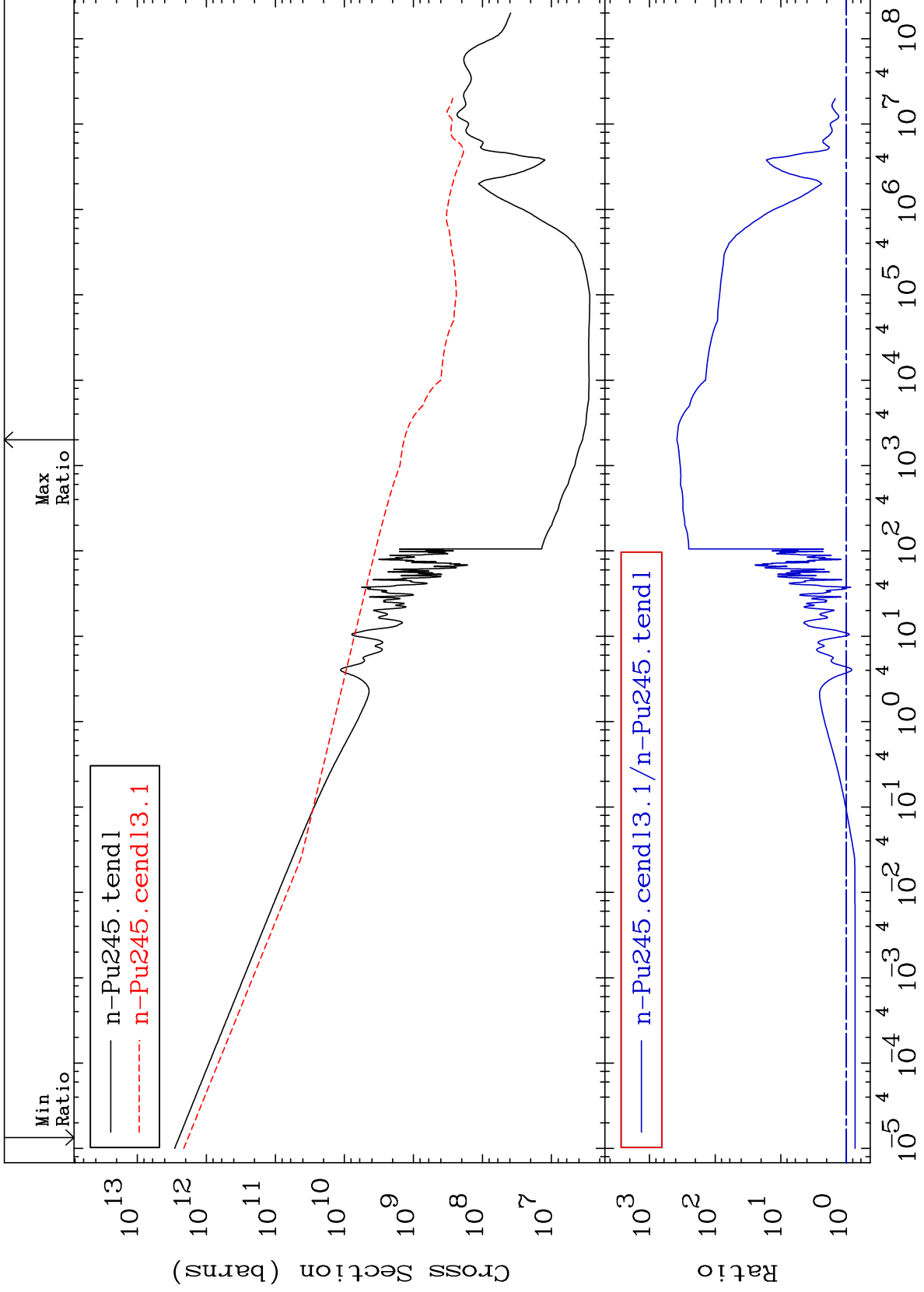
94-Pu-245  
-95.50 To 203.2 %



MAT 9455

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

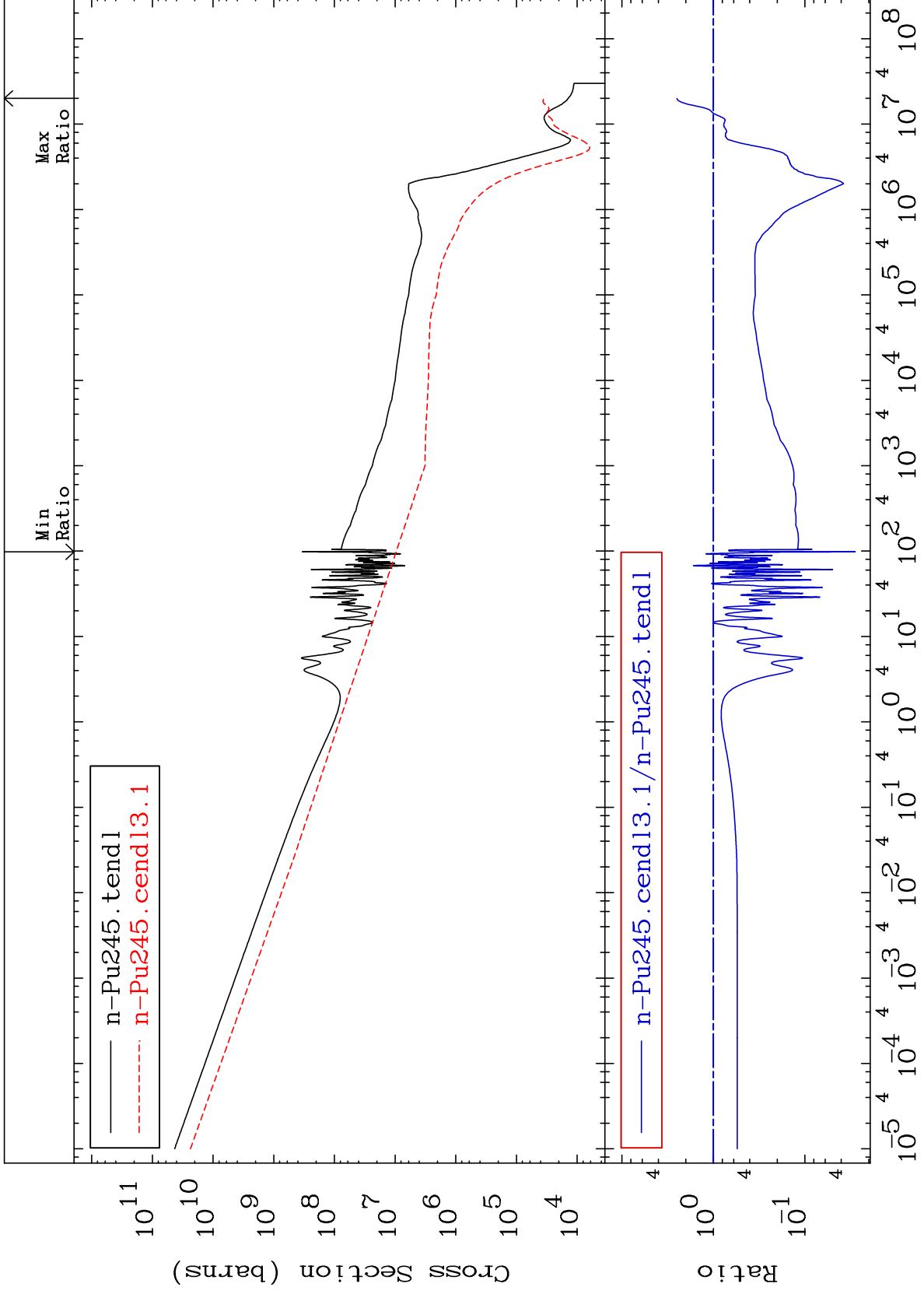
94-Pu-245  
-26.36 To 9999. %



MAT 9455

Kerma capture (mt102)  
Cross Section

94-Pu-245  
-97.18 To 150.5 %



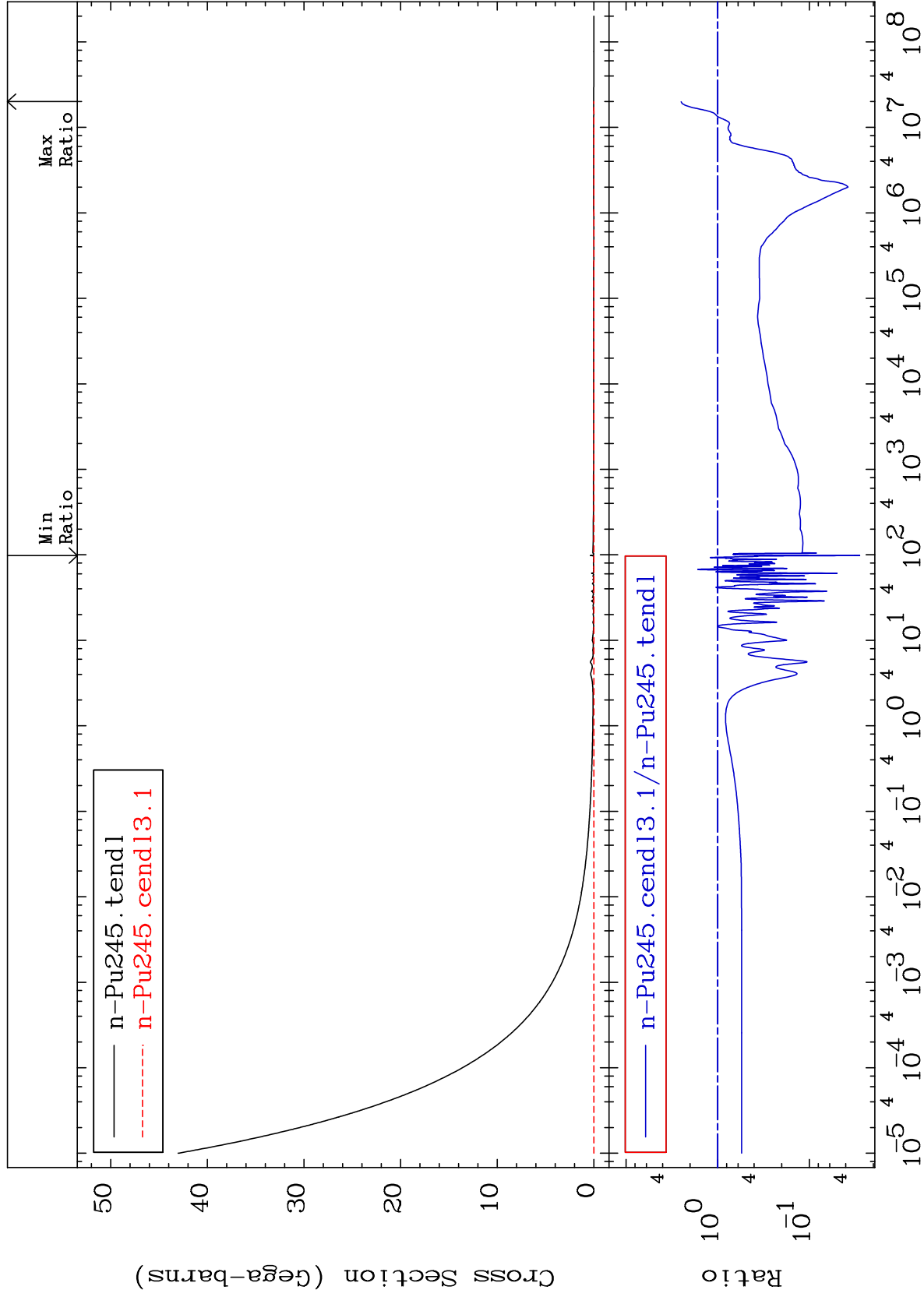


MAT 9455

Total photon (eV-barns)  
Cross Section

94-Pu-245

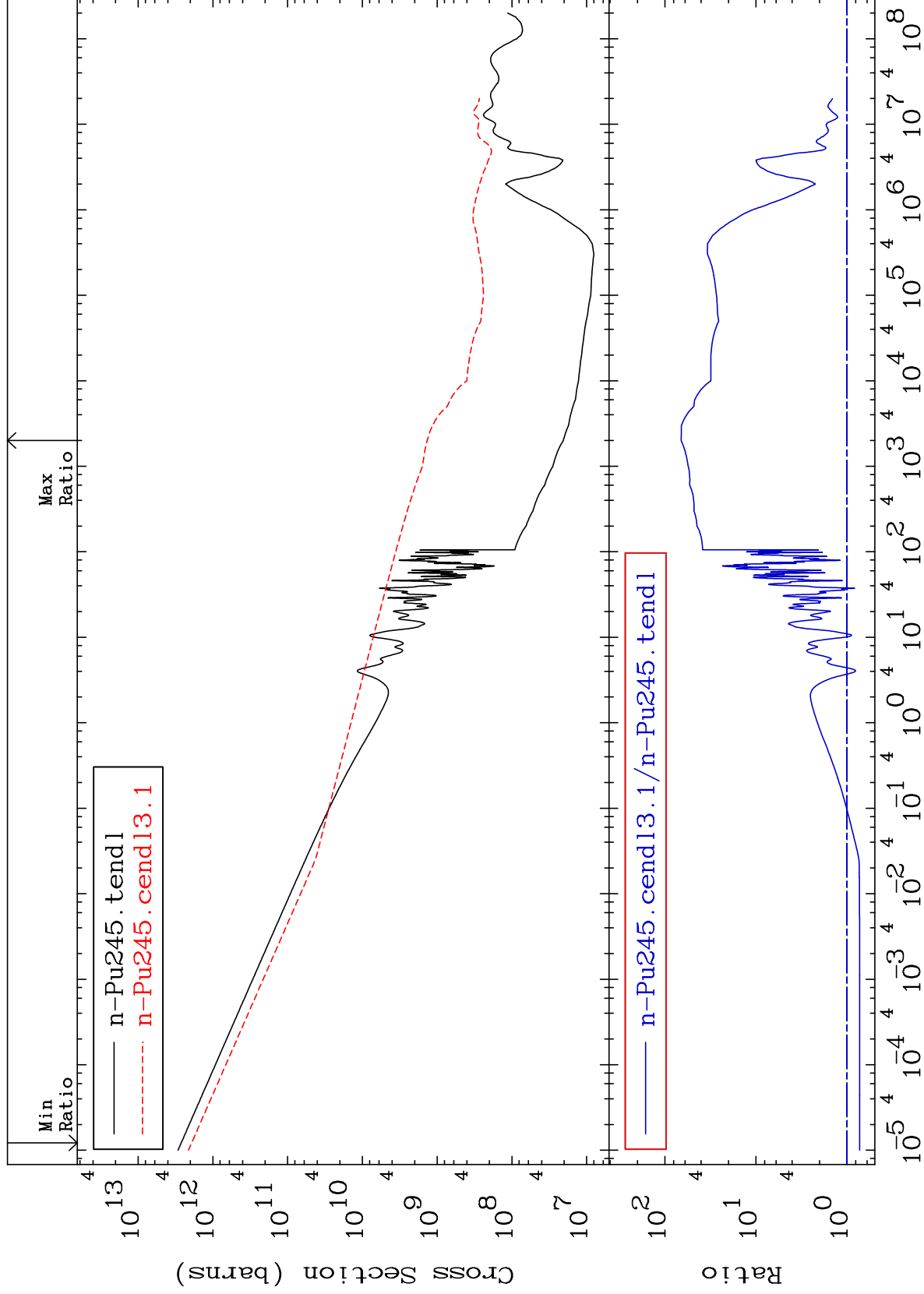
-97.18 To 150.5 %



35

Incident Energy (eV)

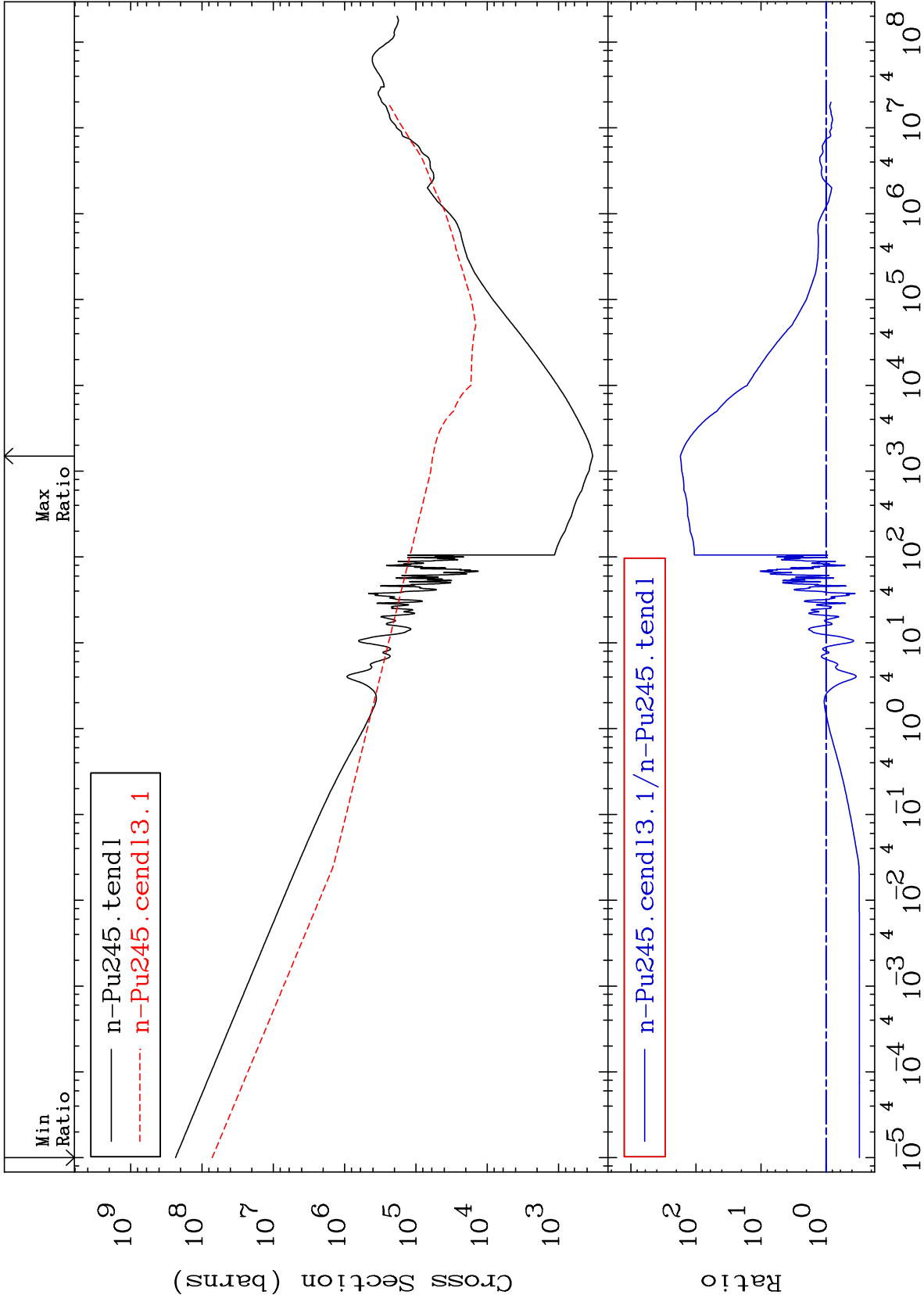
94-Pu-245



MAT 9455

Dpa total (eV-barns)  
Cross Section

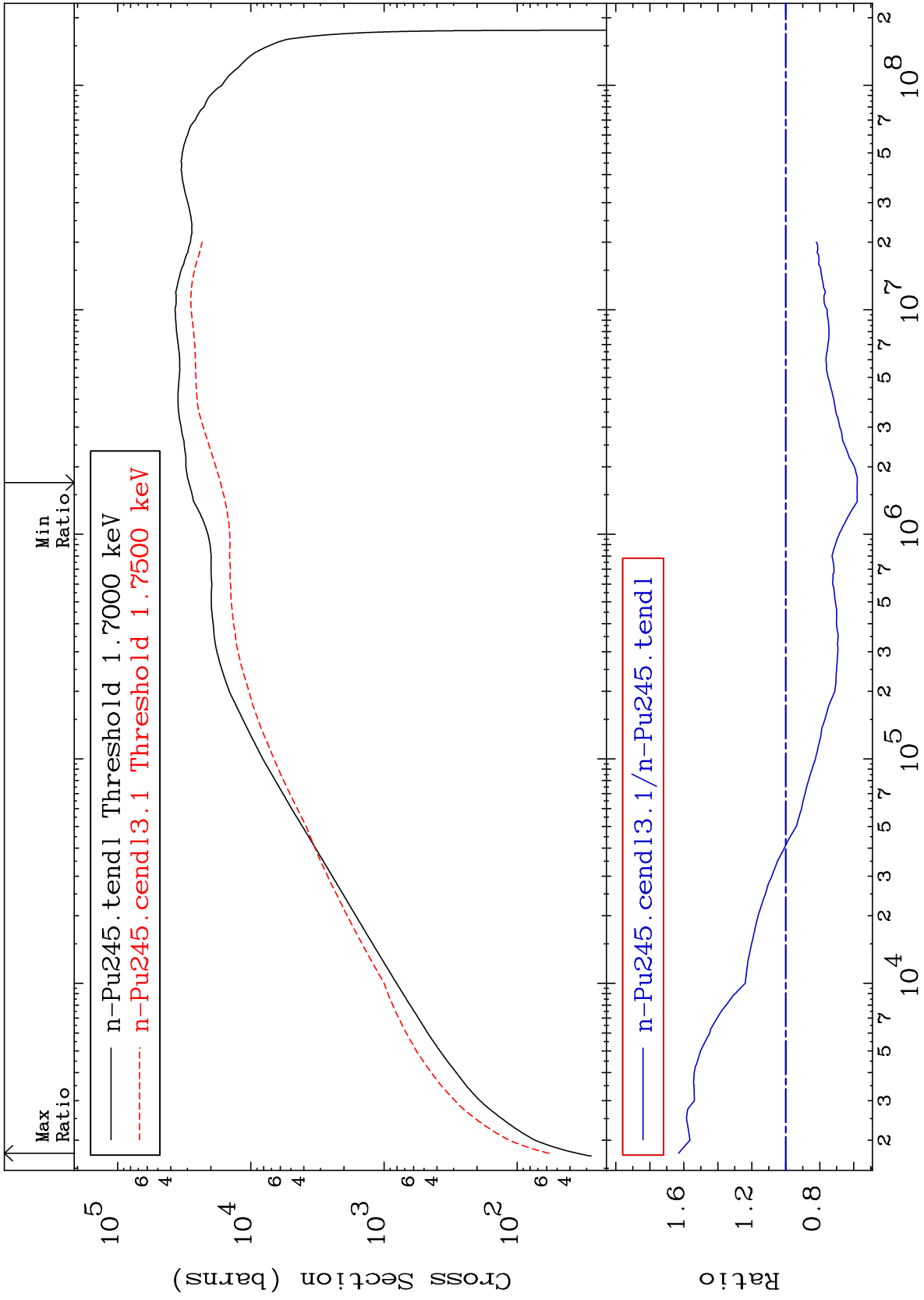
94-Pu-245  
-69.43 To 9999. %



MAT 9455

Dpa elastic (mt2)  
Cross Section

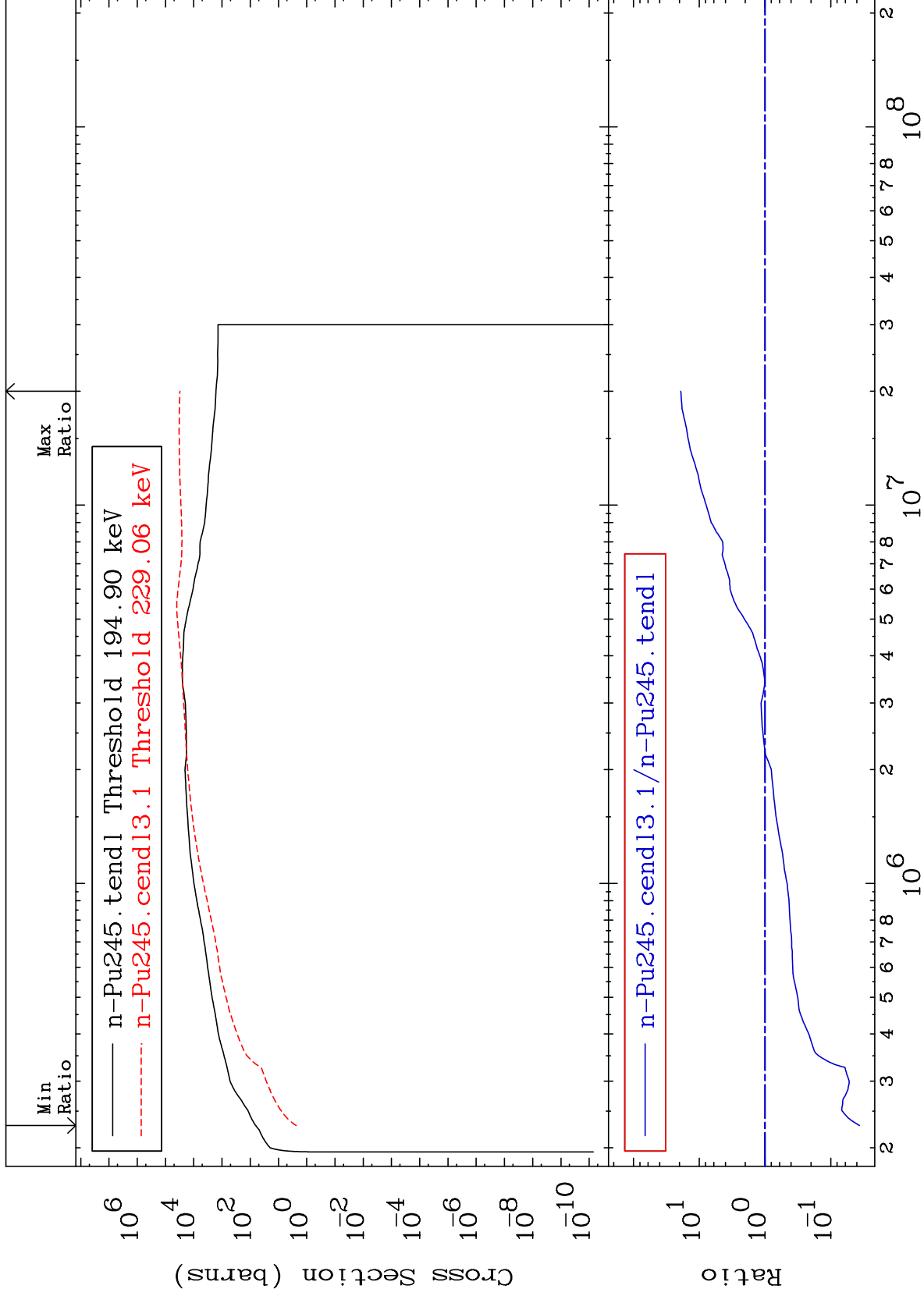
94-Pu-245  
-42.09 To 63.05 %



MAT 9455

Dpa inelastic (mt51-91)  
Cross Section

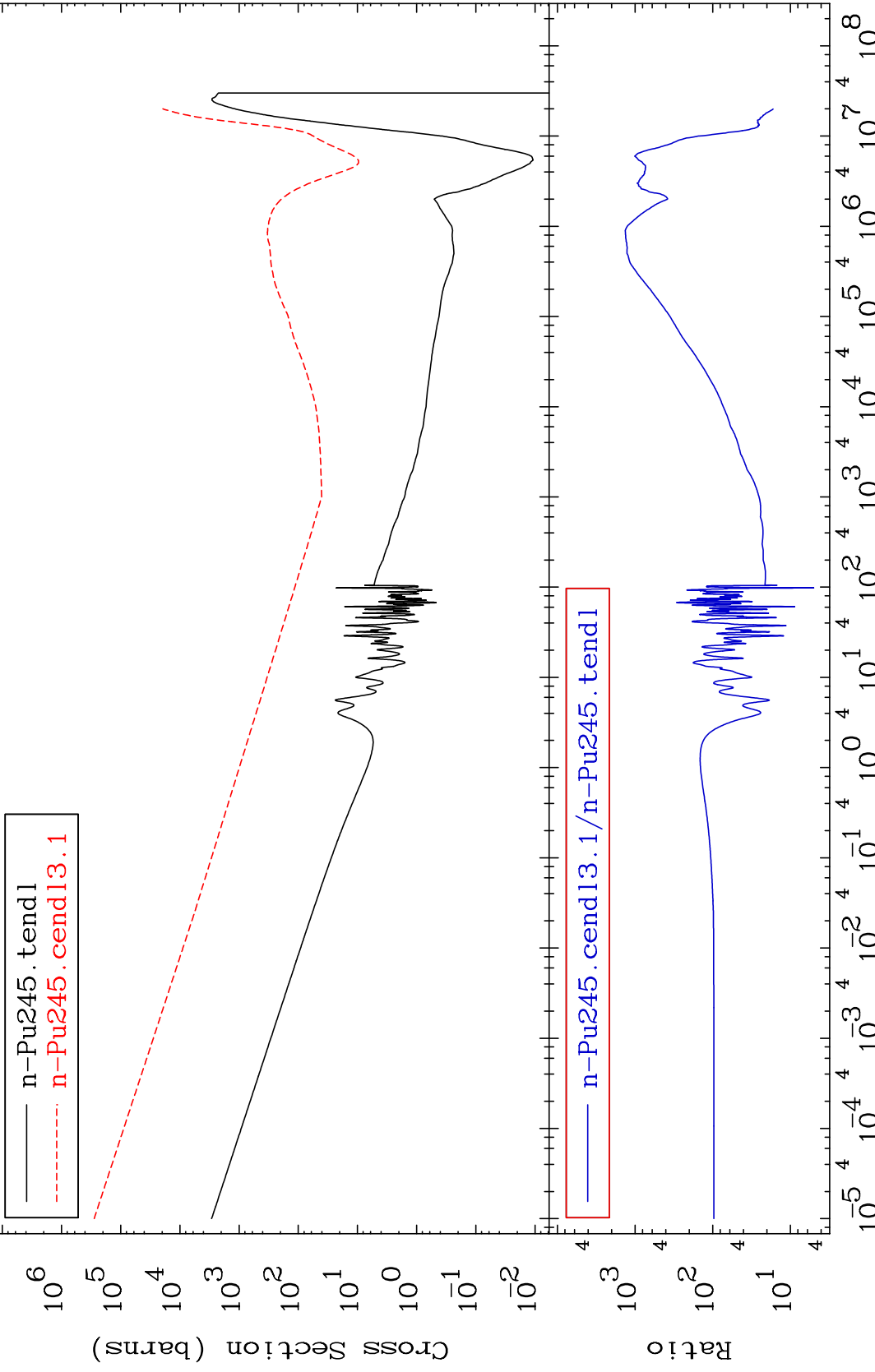
94-Pu-245  
-96.35 To 1808. %



MAT 9455

Dpa disappearance (mt102 -120)  
Cross Section

94-Pu-245  
400.3 To 9999. %



40

Incident Energy (eV)

94-Pu-245