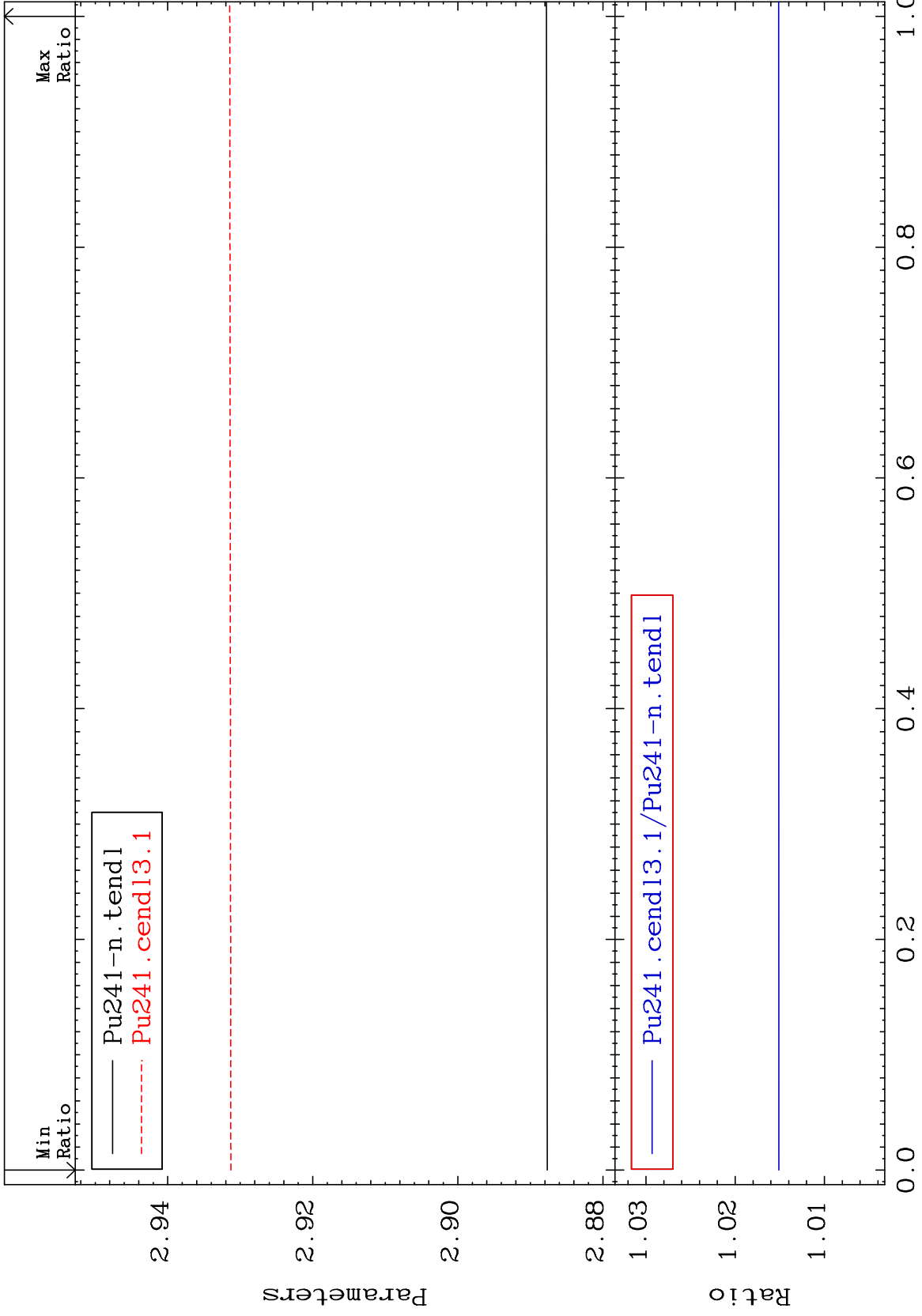


MAT 9443

Total  $\bar{\nu}$   
Parameters

94-Pu-241  
1.511 To 1.512 %



1

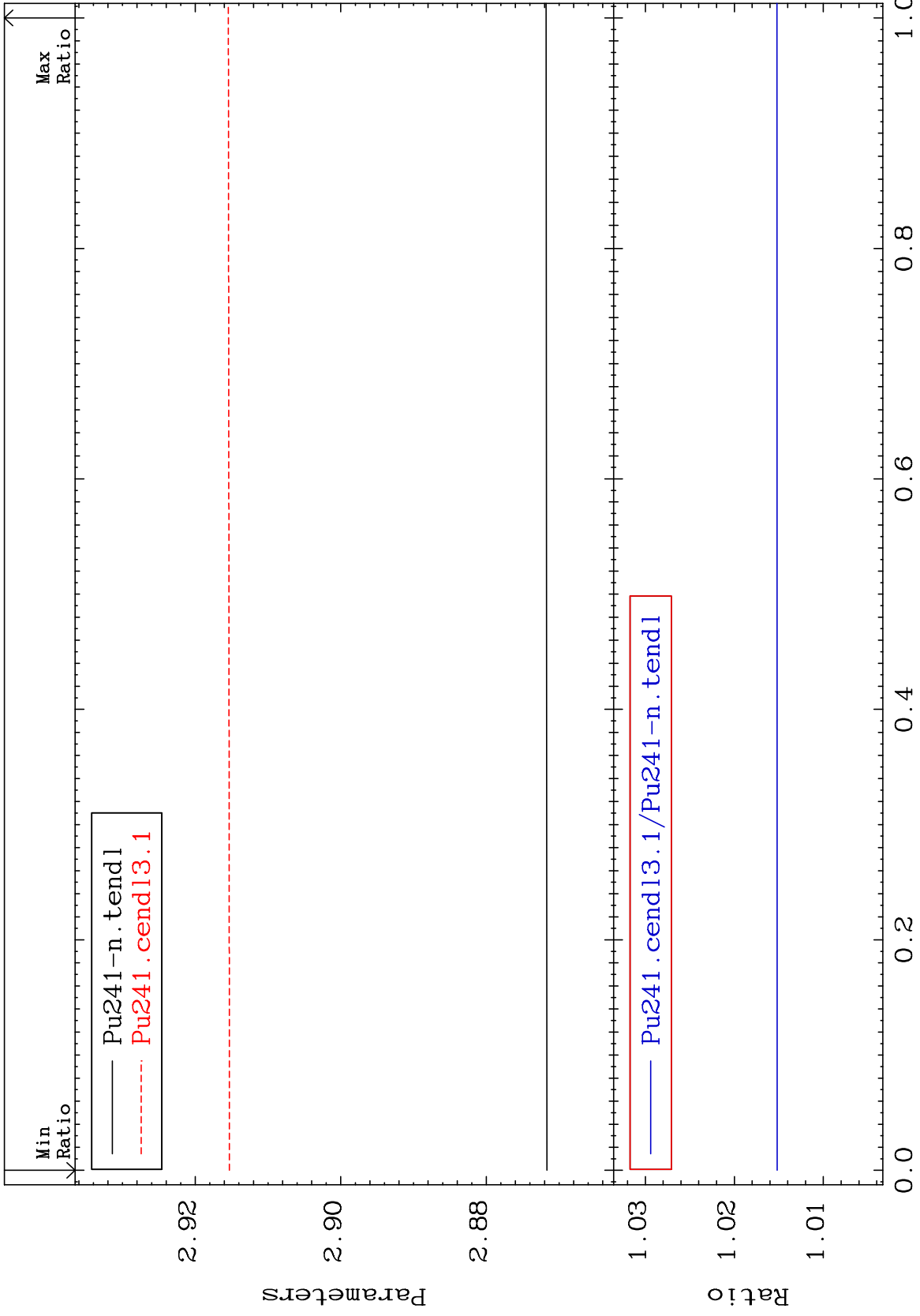
Incident Energy (KeV)

94-Pu-241

MAT 9443

Prompt  $\bar{\nu}$   
Parameters

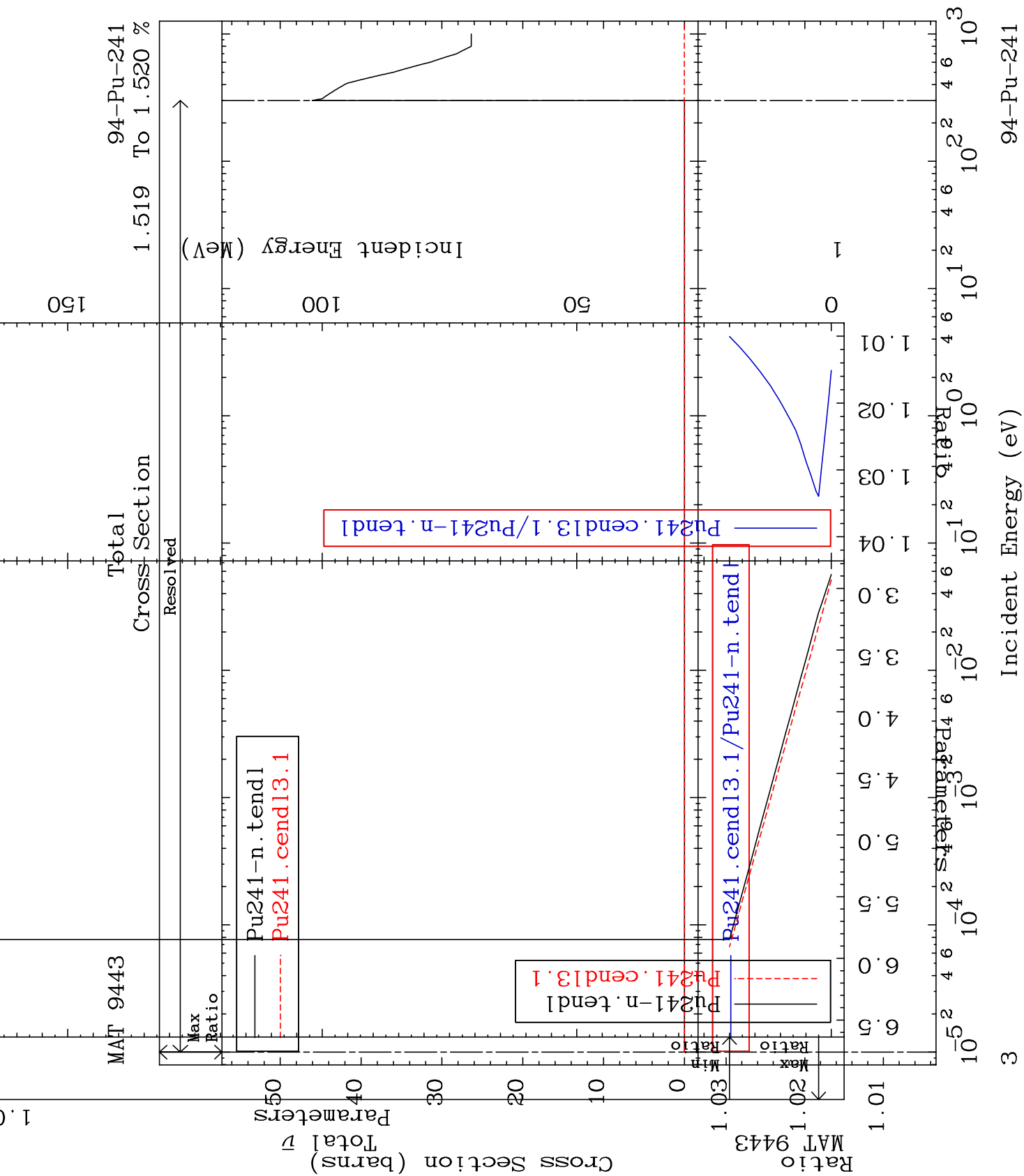
94-Pu-241  
1.519 To 1.520 %



2

Incident Energy (KeV)

94-Pu-241



94-Pu-241

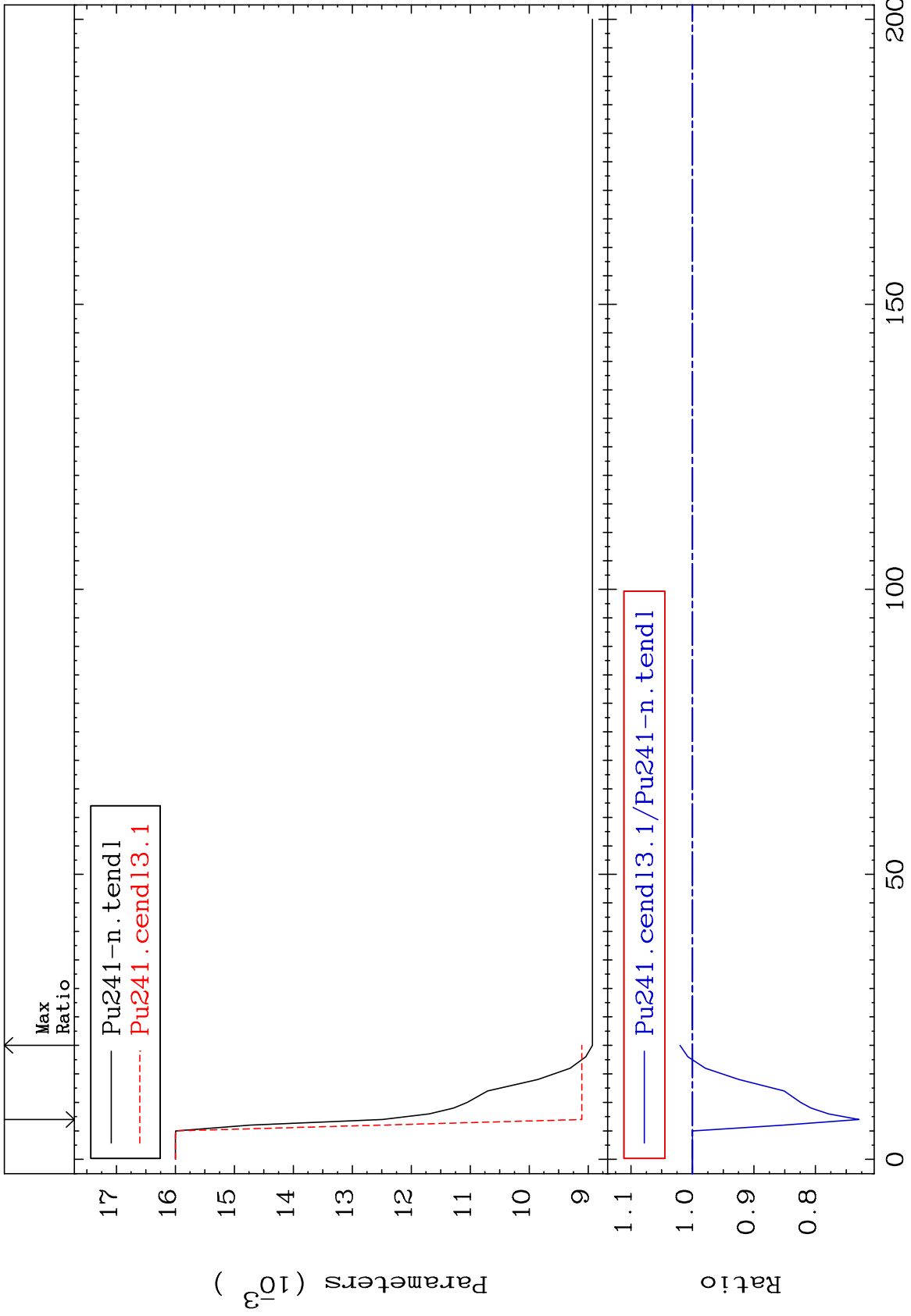
Incident Energy (eV)

3

MAT 9443

Delayed  $\bar{\nu}$   
Parameters

94-Pu-241  
-27.06 To 2.024 %



2

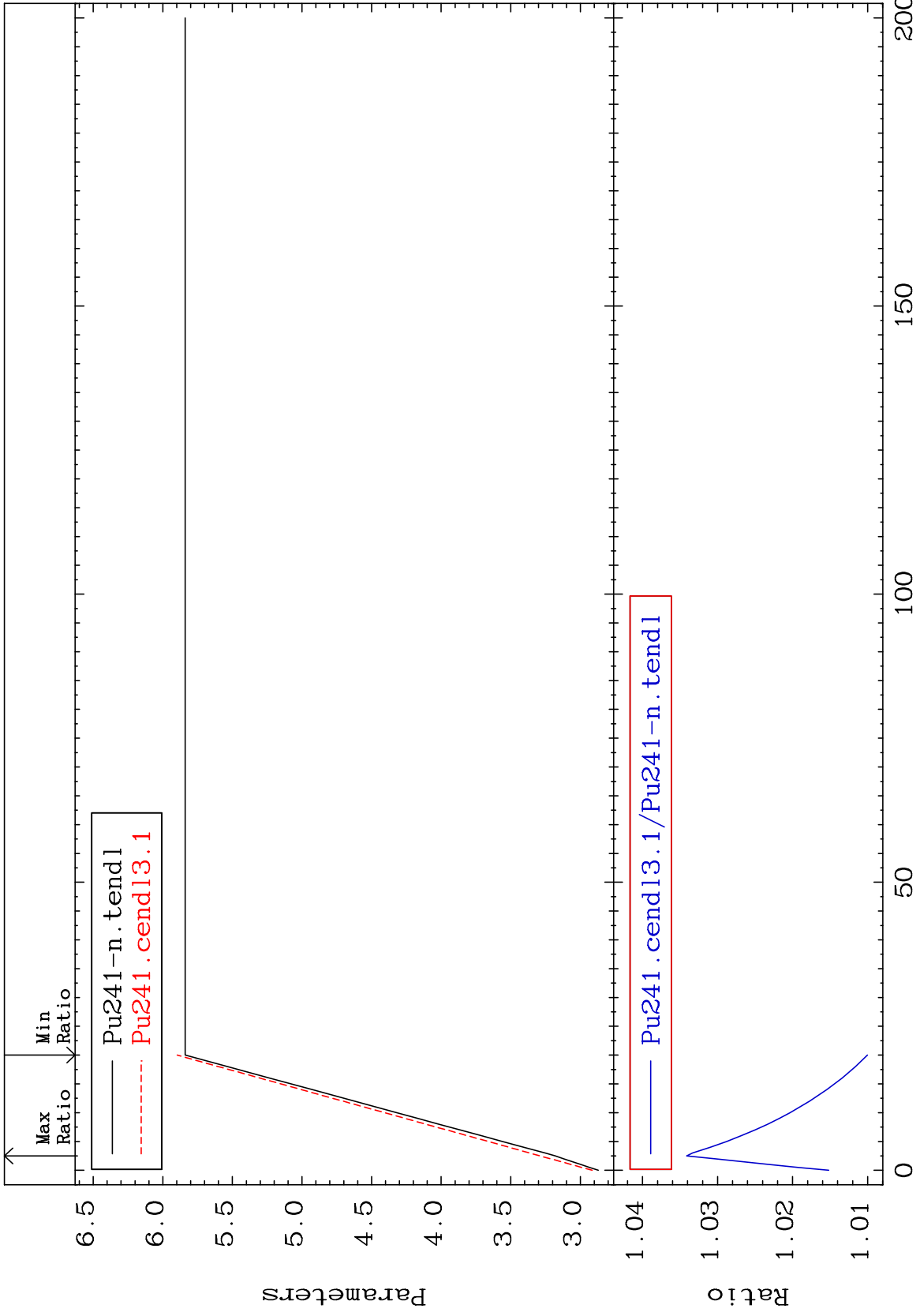
Incident Energy (MeV)

94-Pu-241

MAT 9443

Prompt  $\bar{\nu}$   
Parameters

94-Pu-241  
1.003 To 3.411 %



3

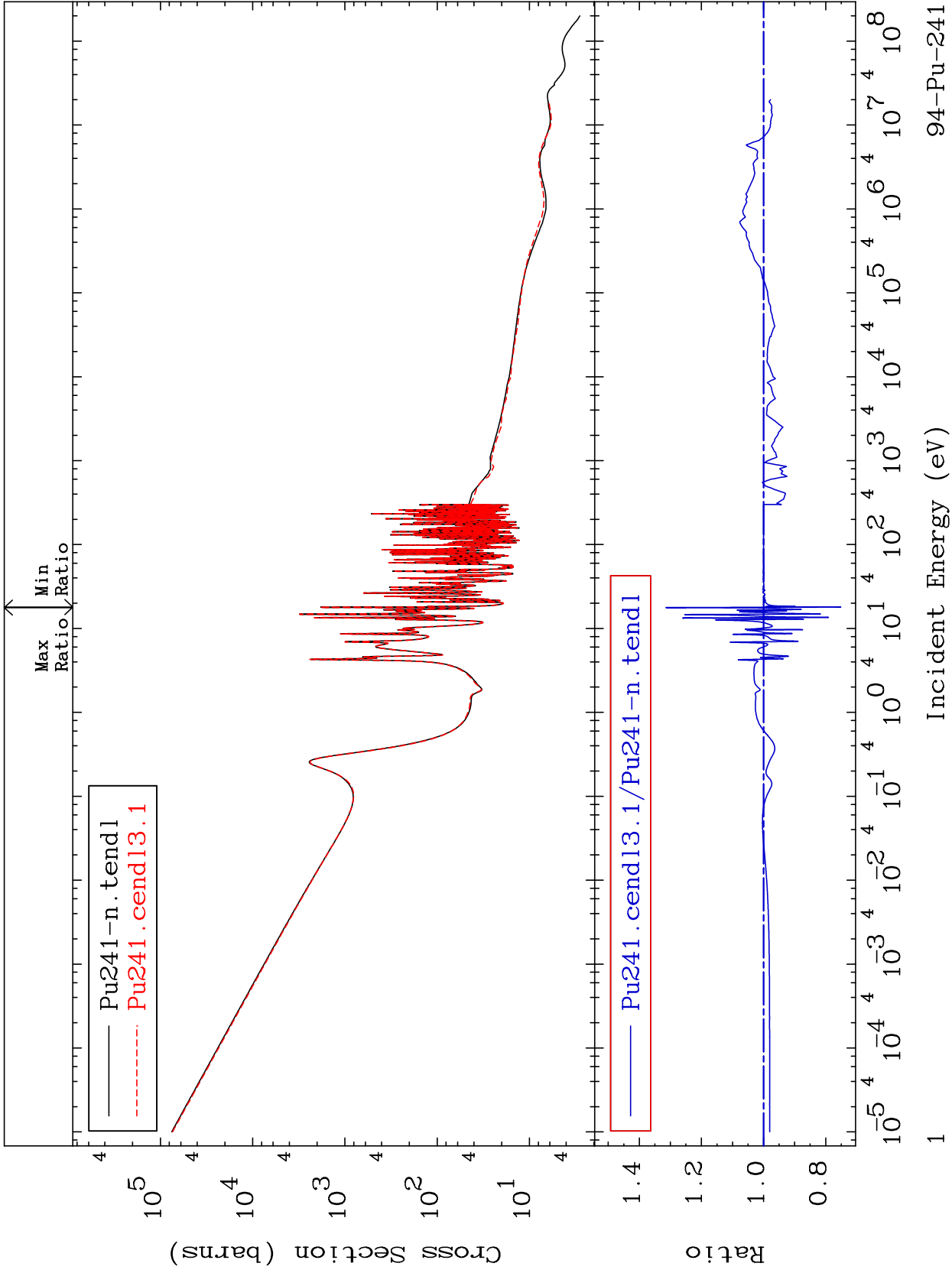
Incident Energy (MeV)

94-Pu-241

MAT 9443

Total  
Cross Section

94-Pu-241  
-24.82 To 31.57 %



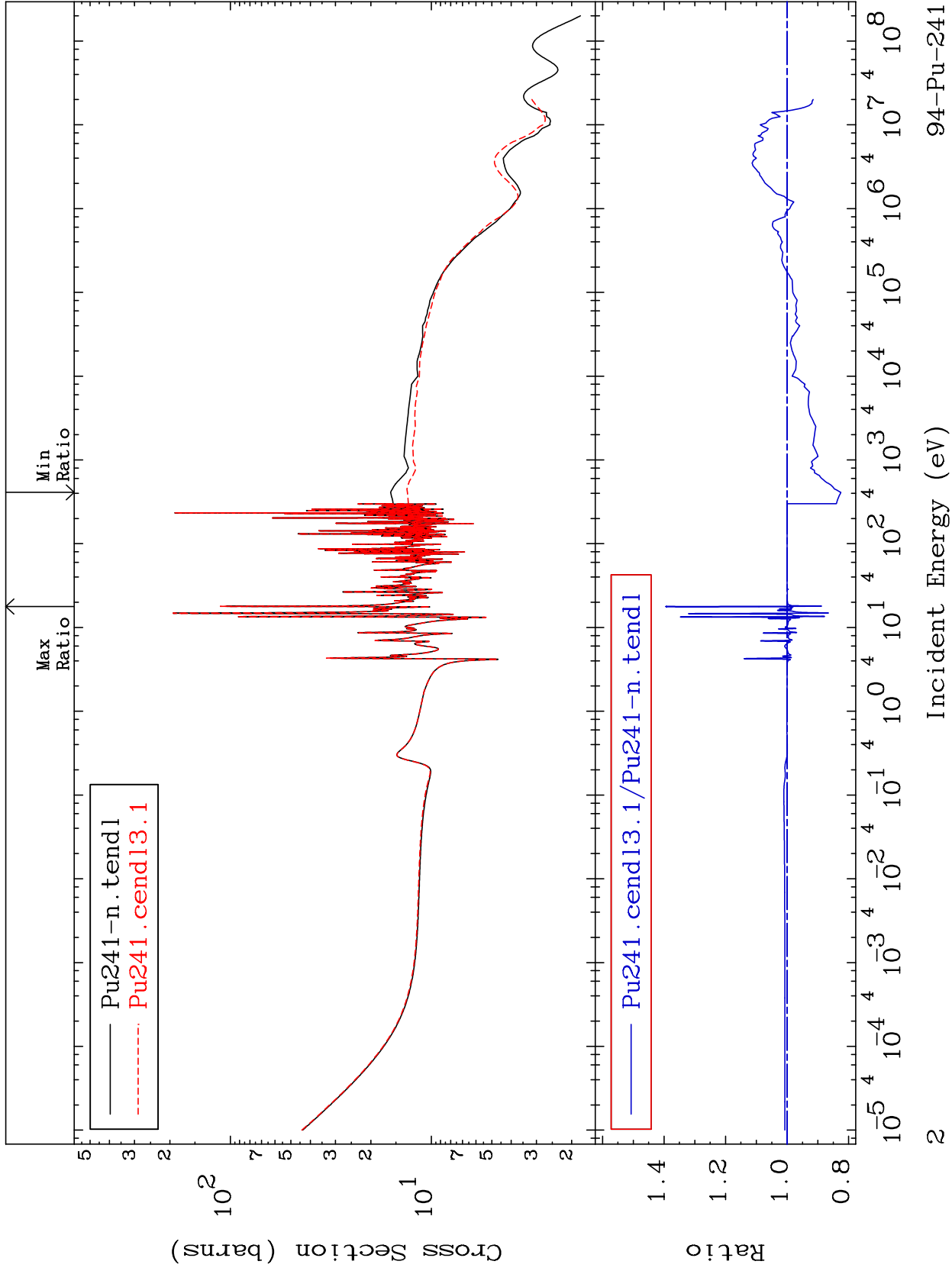
MAT 9443

Elastic

94-Pu-241

Cross Section

-17.47 To 39.38 %

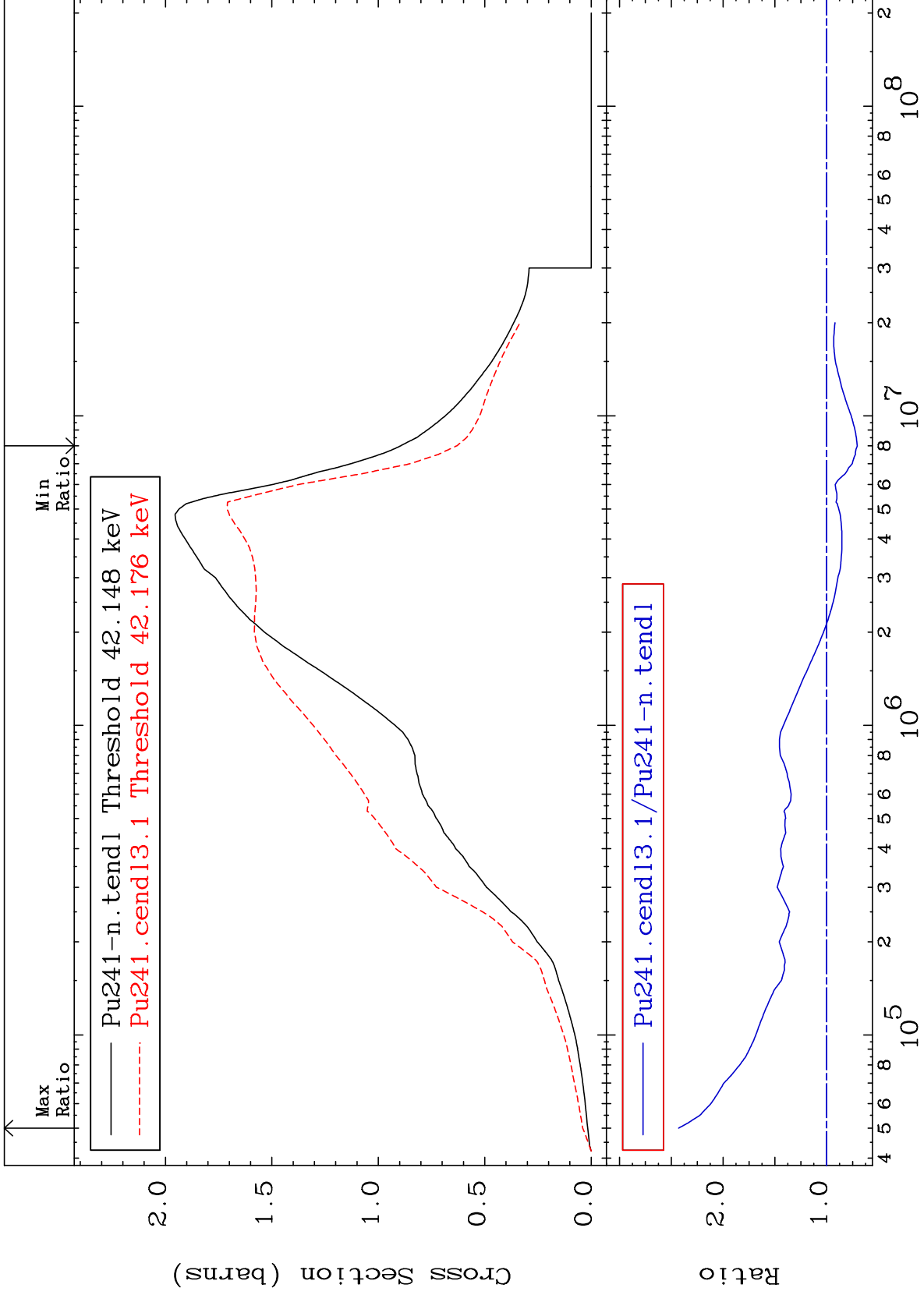


94-Pu-241

MAT 9443

Inelastic  
Cross Section

94-Pu-241  
-29.47 To 142.9 %





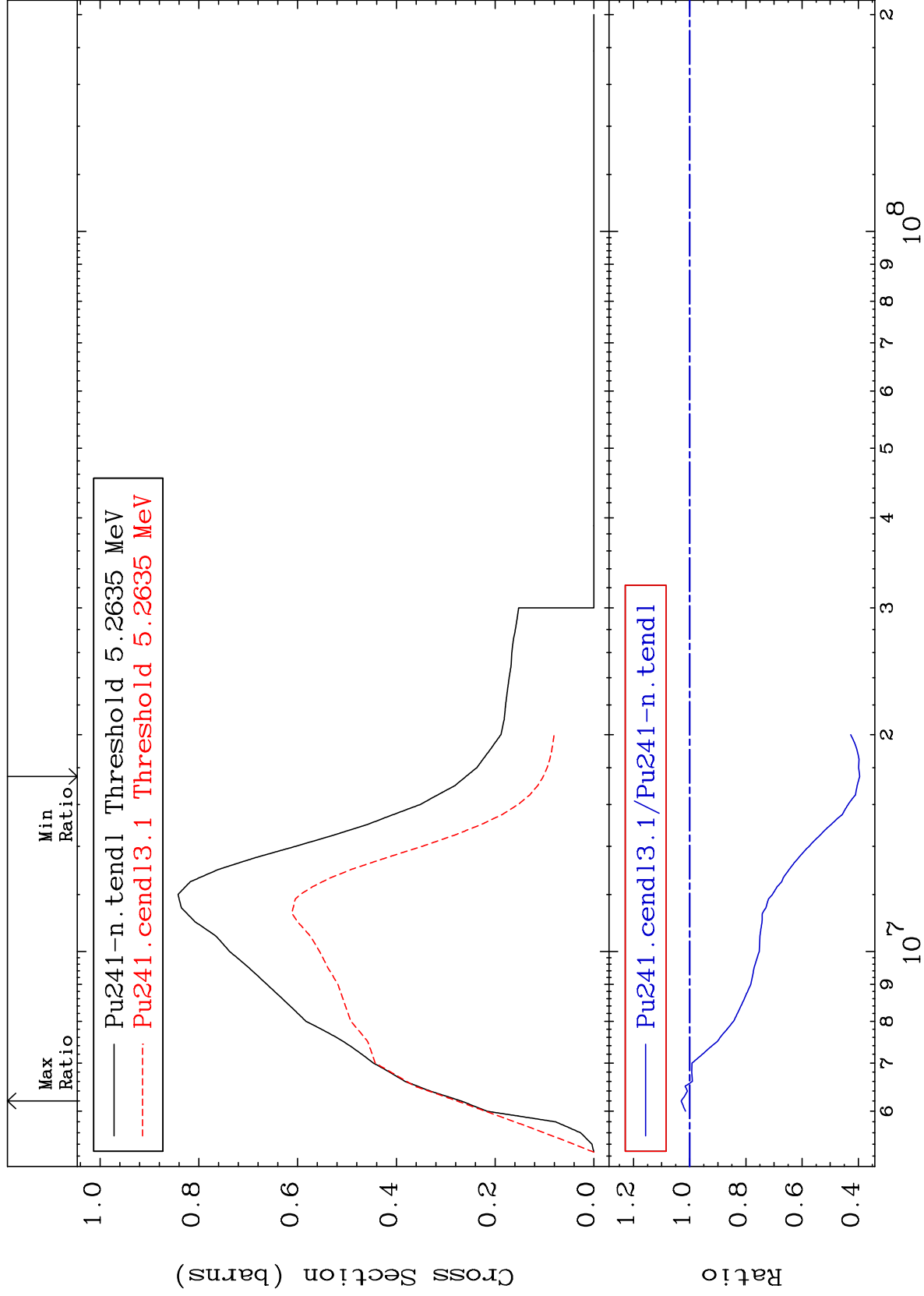
MAT 9443

(n,2n)

94-Pu-241

Cross Section

-60.48 To 3.045 %



4

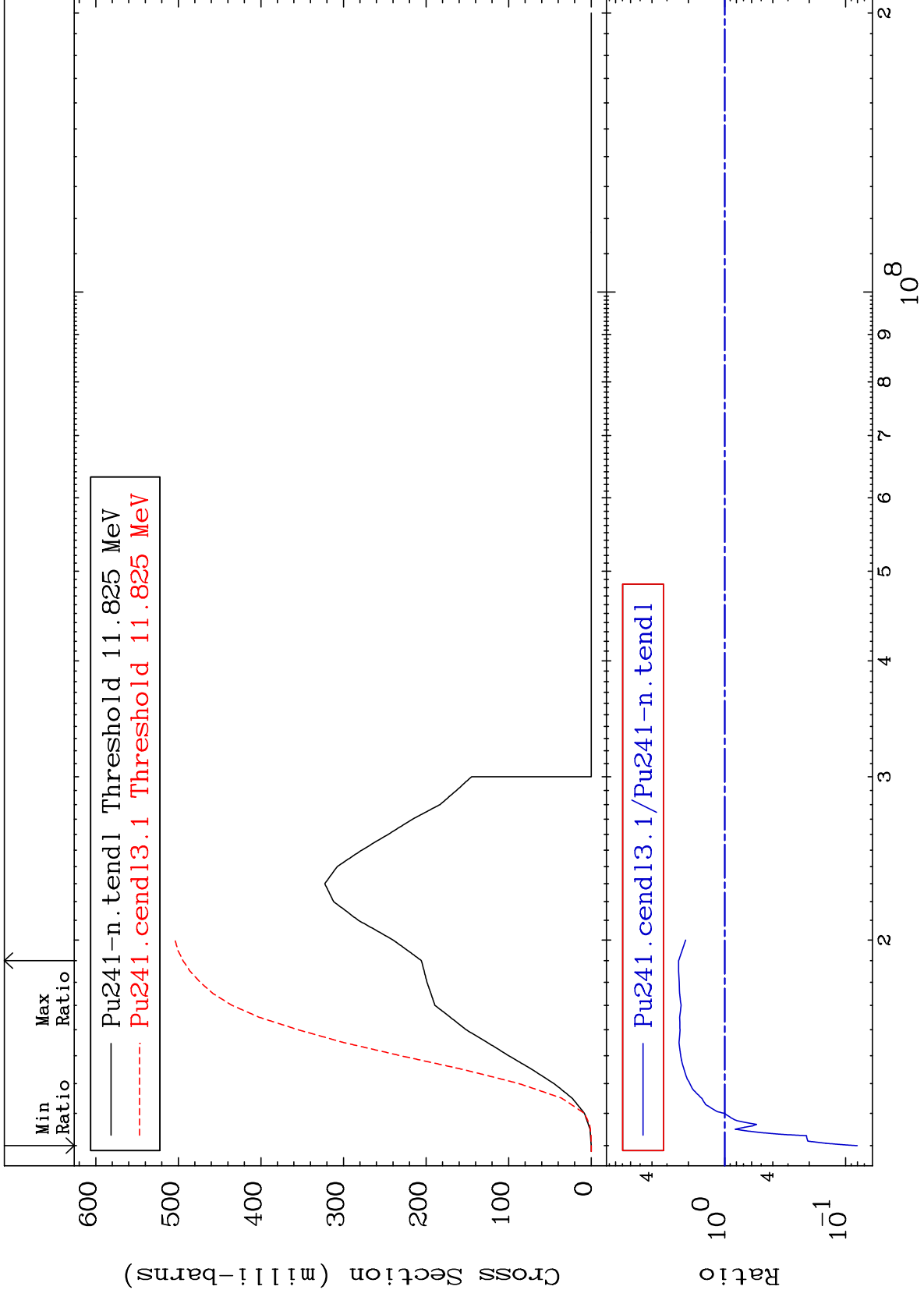
Incident Energy (eV)

94-Pu-241

MAT 9443

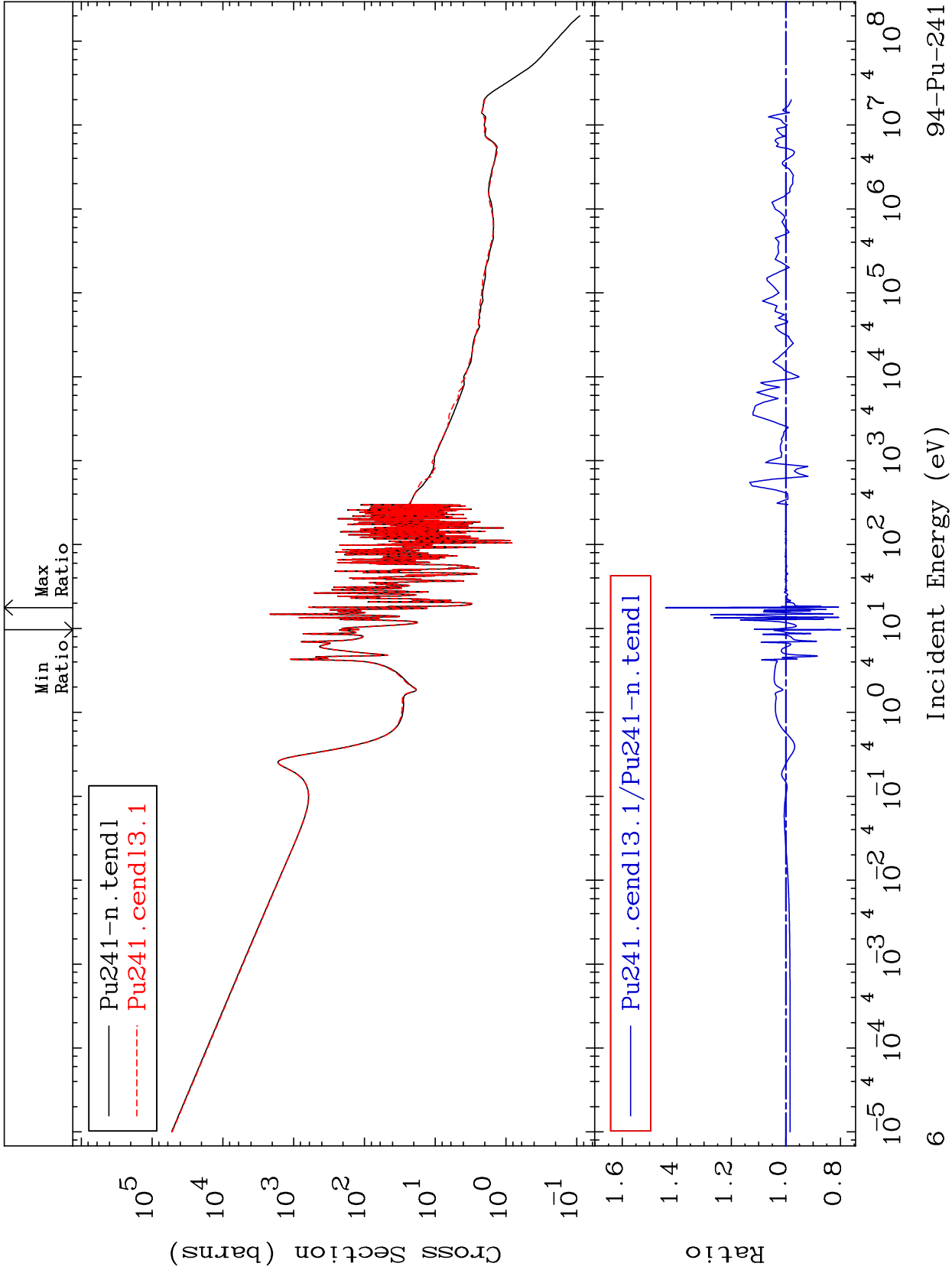
(n,3n)  
Cross Section

94-Pu-241  
-91.98 To 140.4 %



MAT 9443

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



94-Pu-241

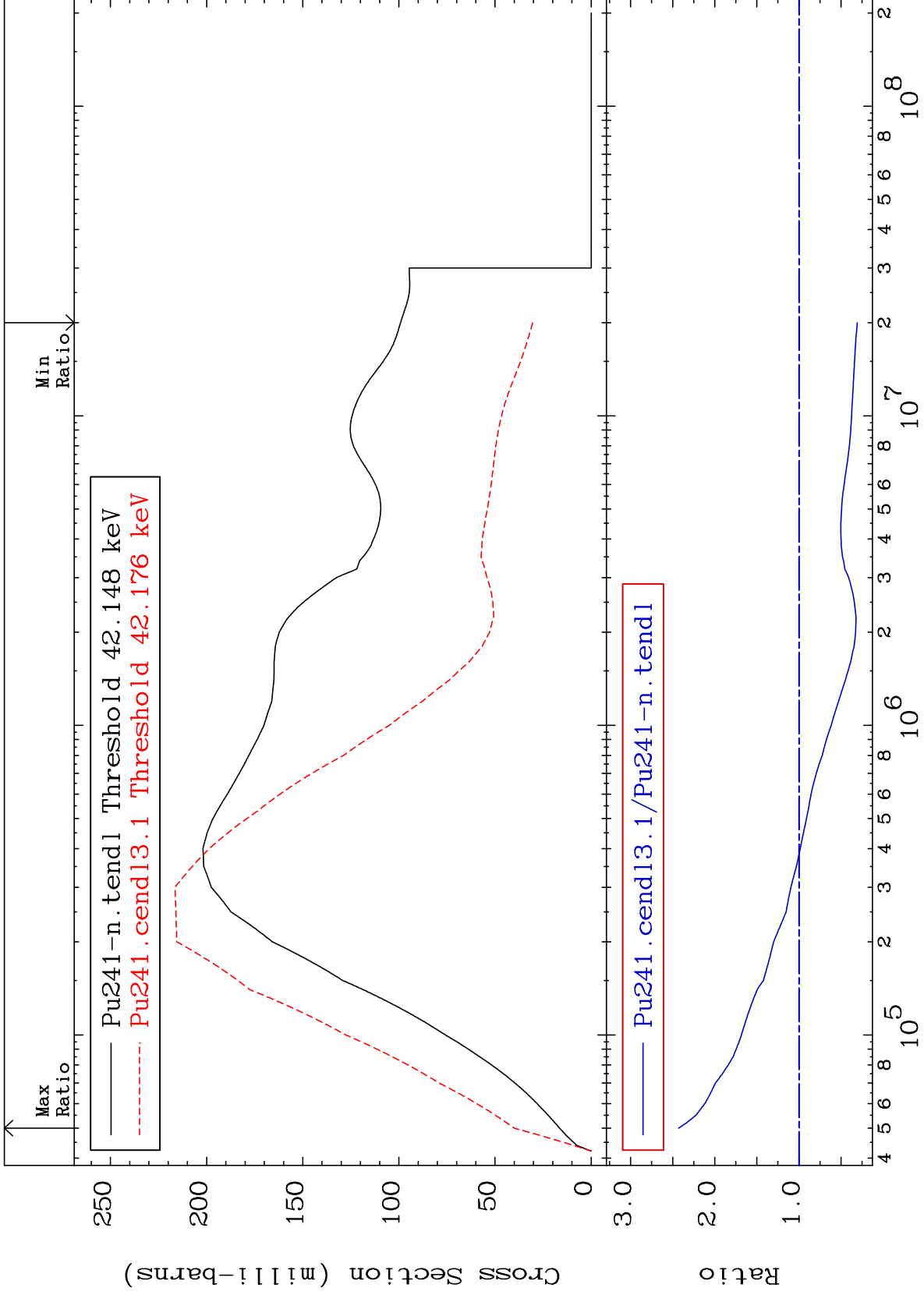
Incident Energy (eV)

6

MAT 9443

41.97 keV (n,n') Level  
Cross Section

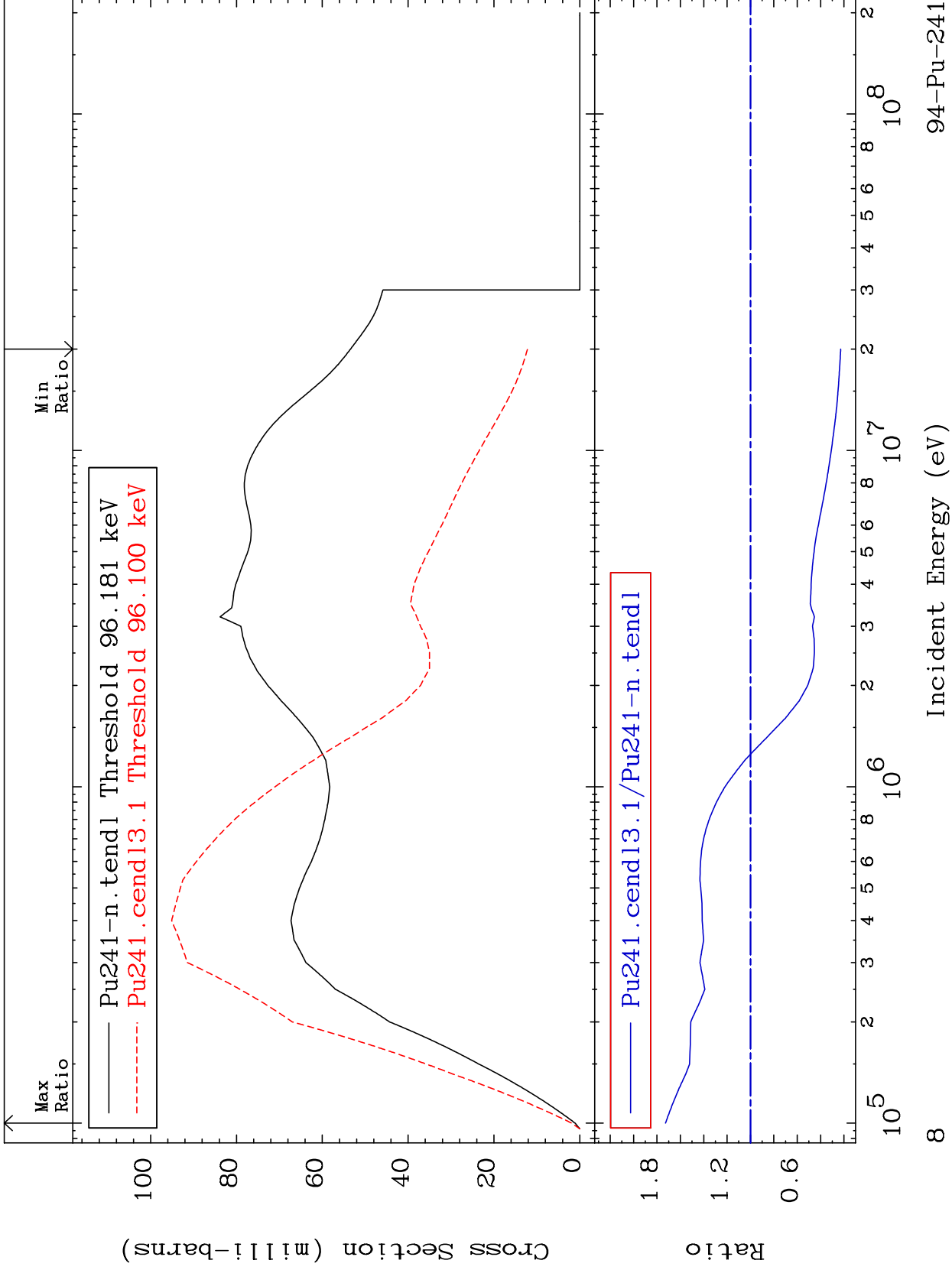
94-Pu-241  
-69.30 To 142.9 %



MAT 9443

95.78 keV (n,n') Level  
Cross Section

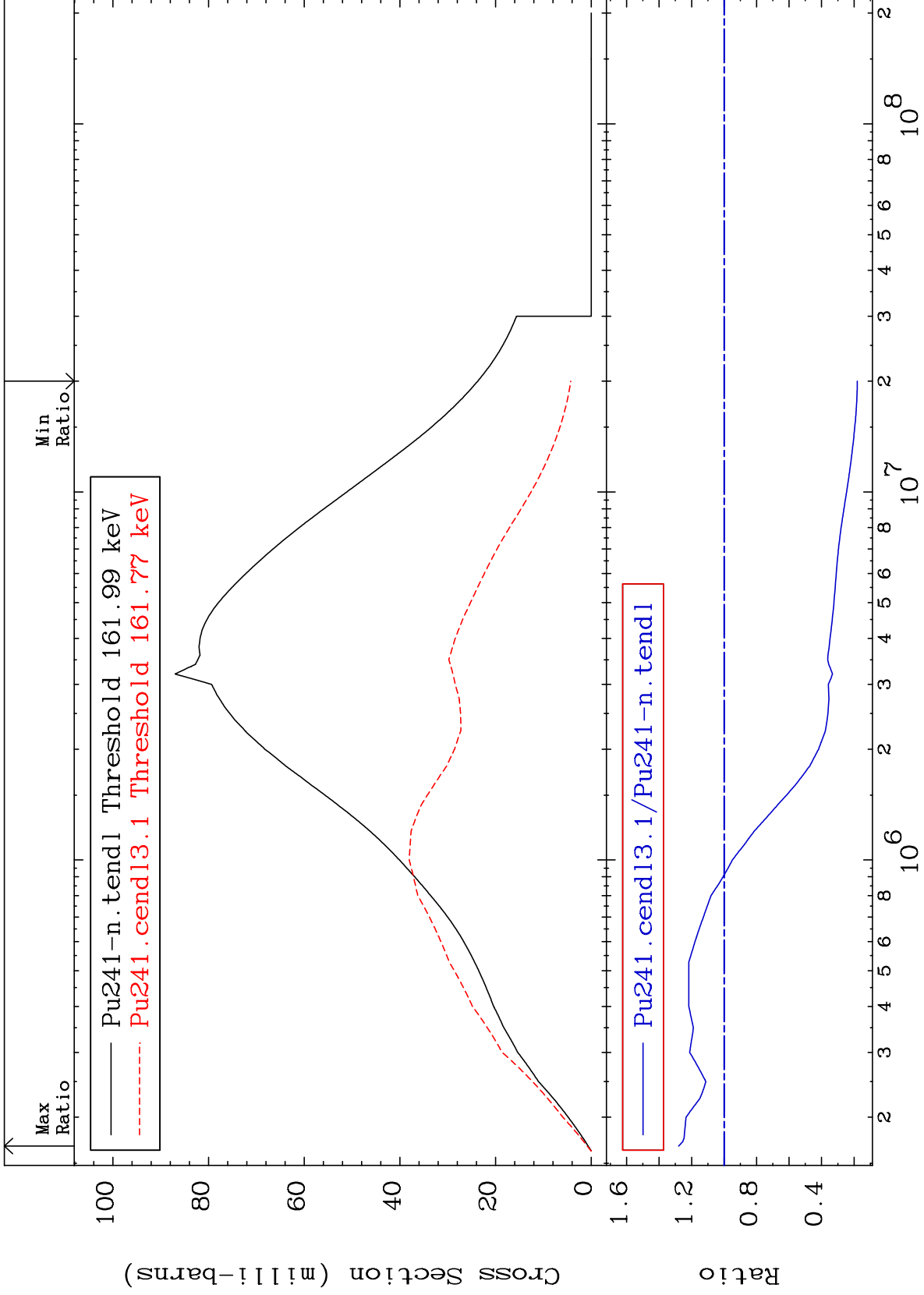
94-Pu-241  
-77.18 To 72.70 %



MAT 9443

161.3 keV (n,n') Level  
Cross Section

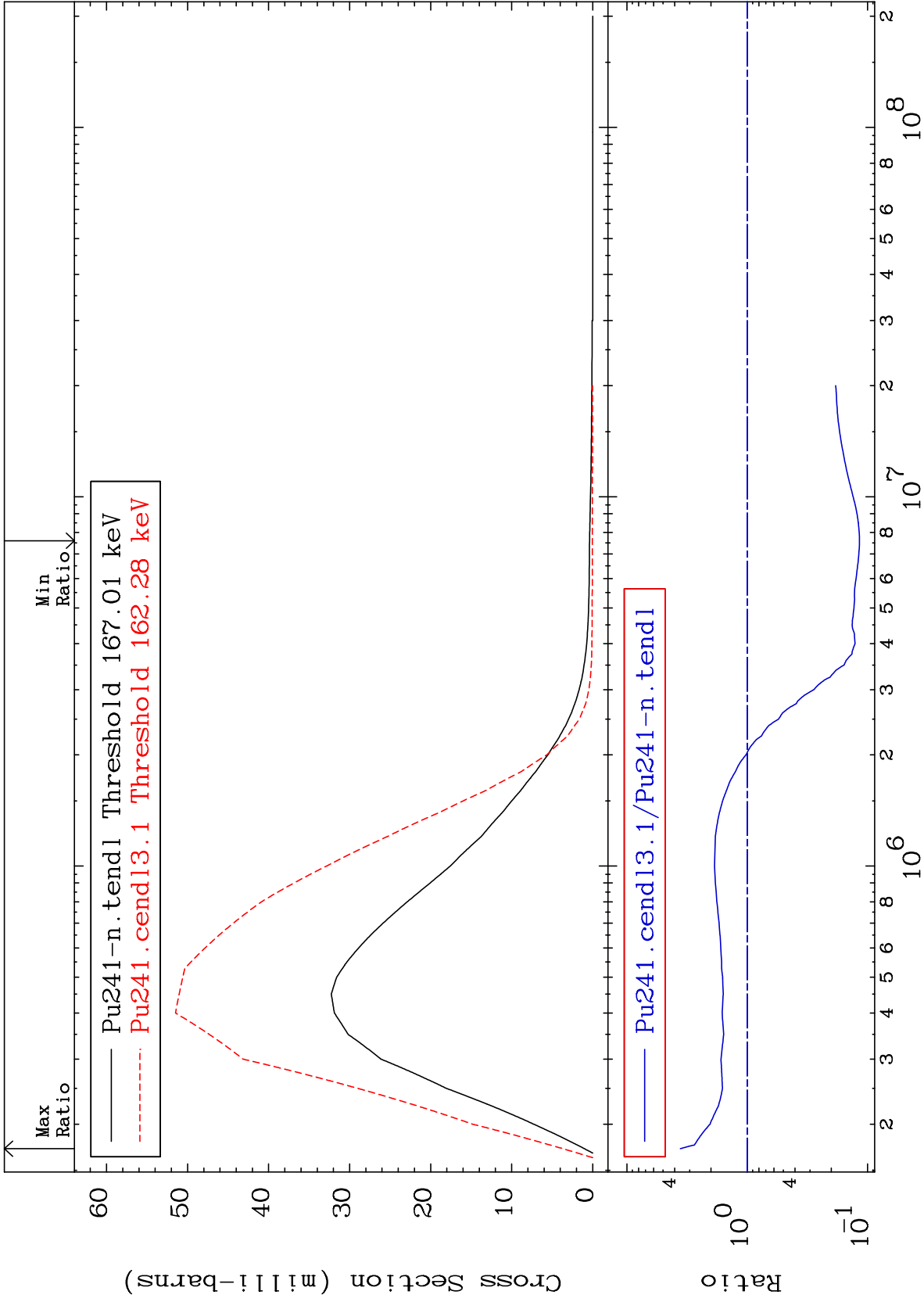
94-Pu-241  
-81.96 To 27.98 %



MAT 9443

166.3 keV (n,n') Level  
Cross Section

94-Pu-241  
-88.34 To 259.3 %



10

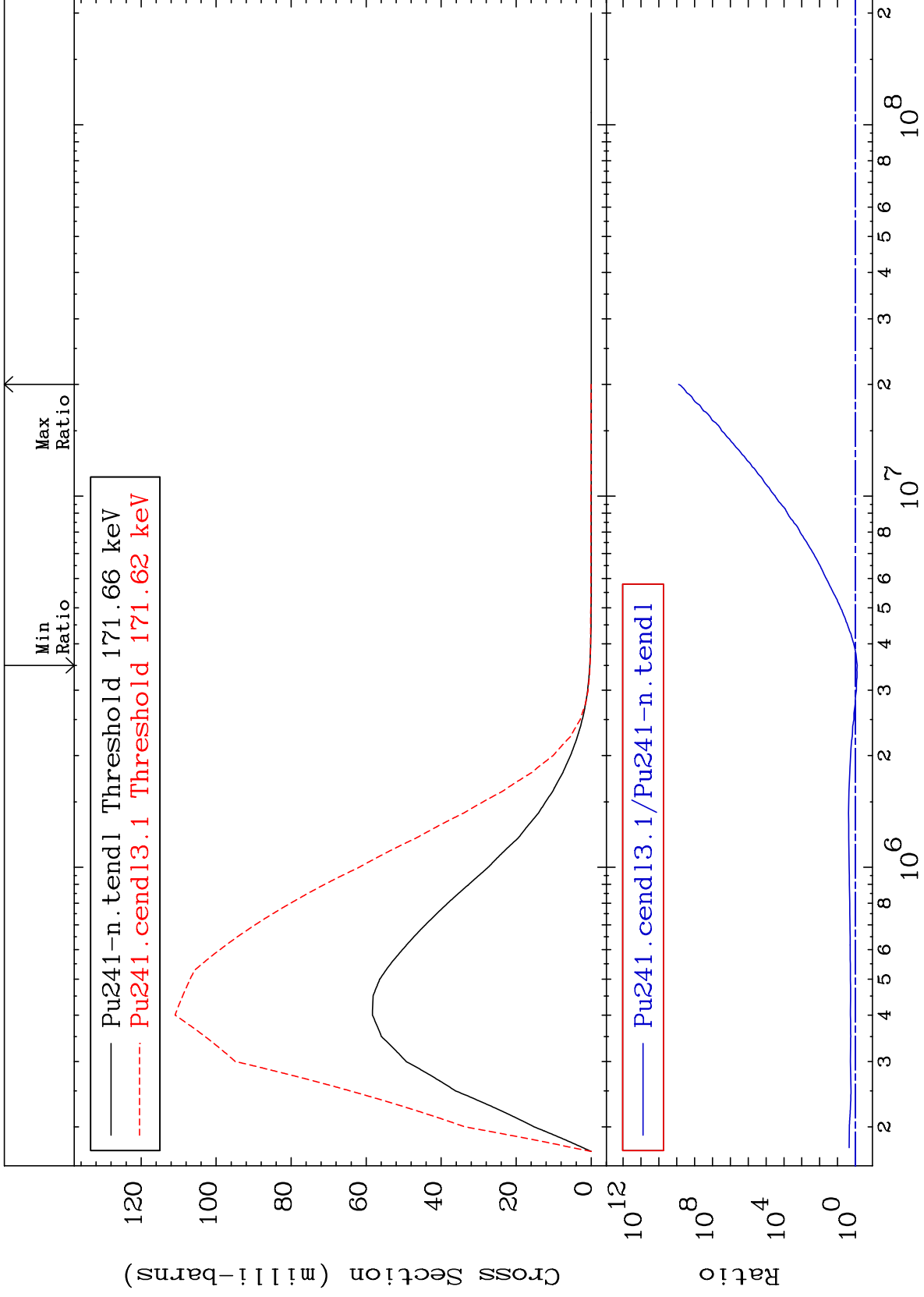
94-Pu-241

94-Pu-241

MAT 9443

170.9 keV (n,n') Level  
Cross Section

94-Pu-241  
-20.69 To 9999. %





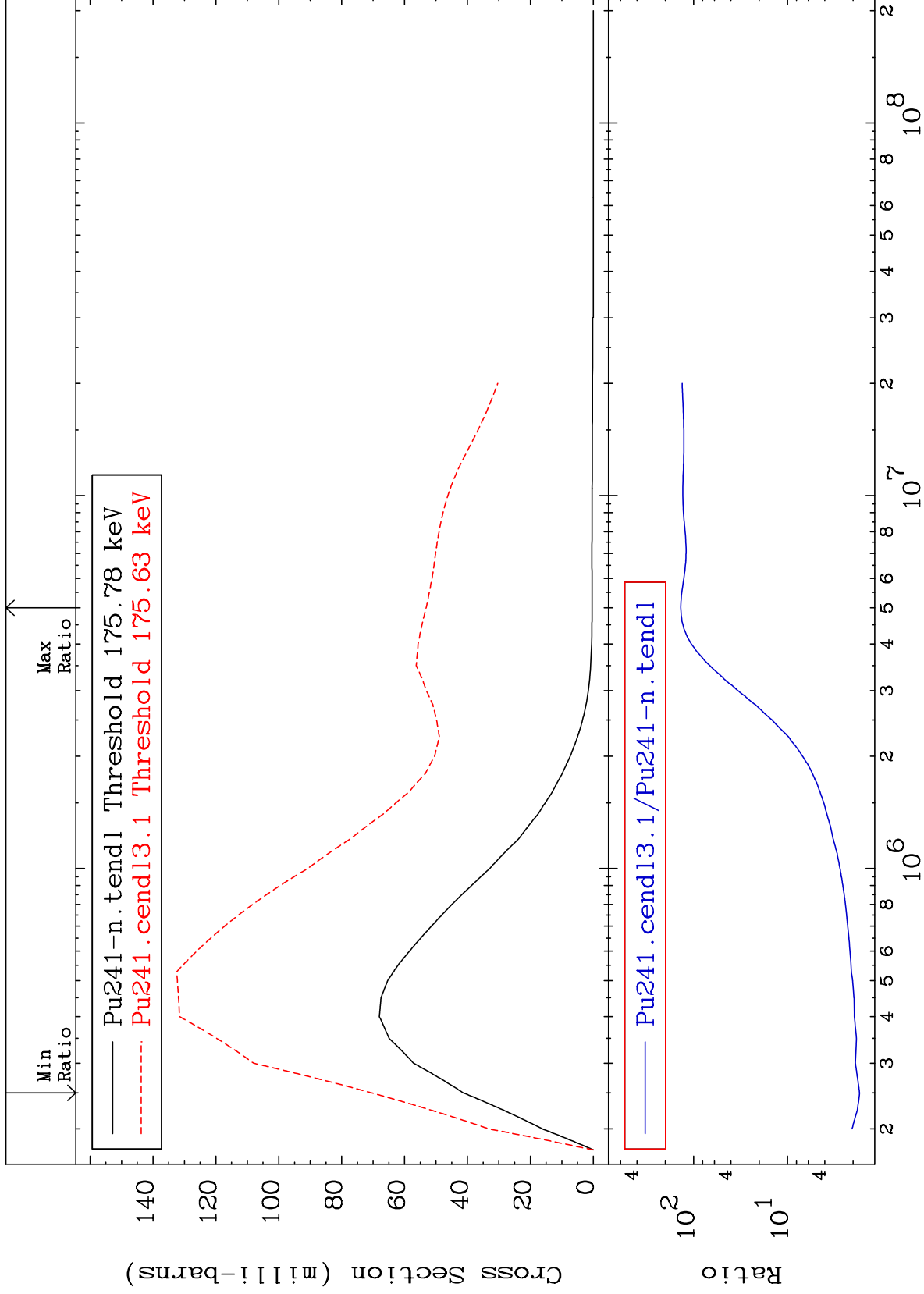
MAT 9443

175.1 keV (n,n') Level

94-Pu-241

70.63 To 9999. %

Cross Section



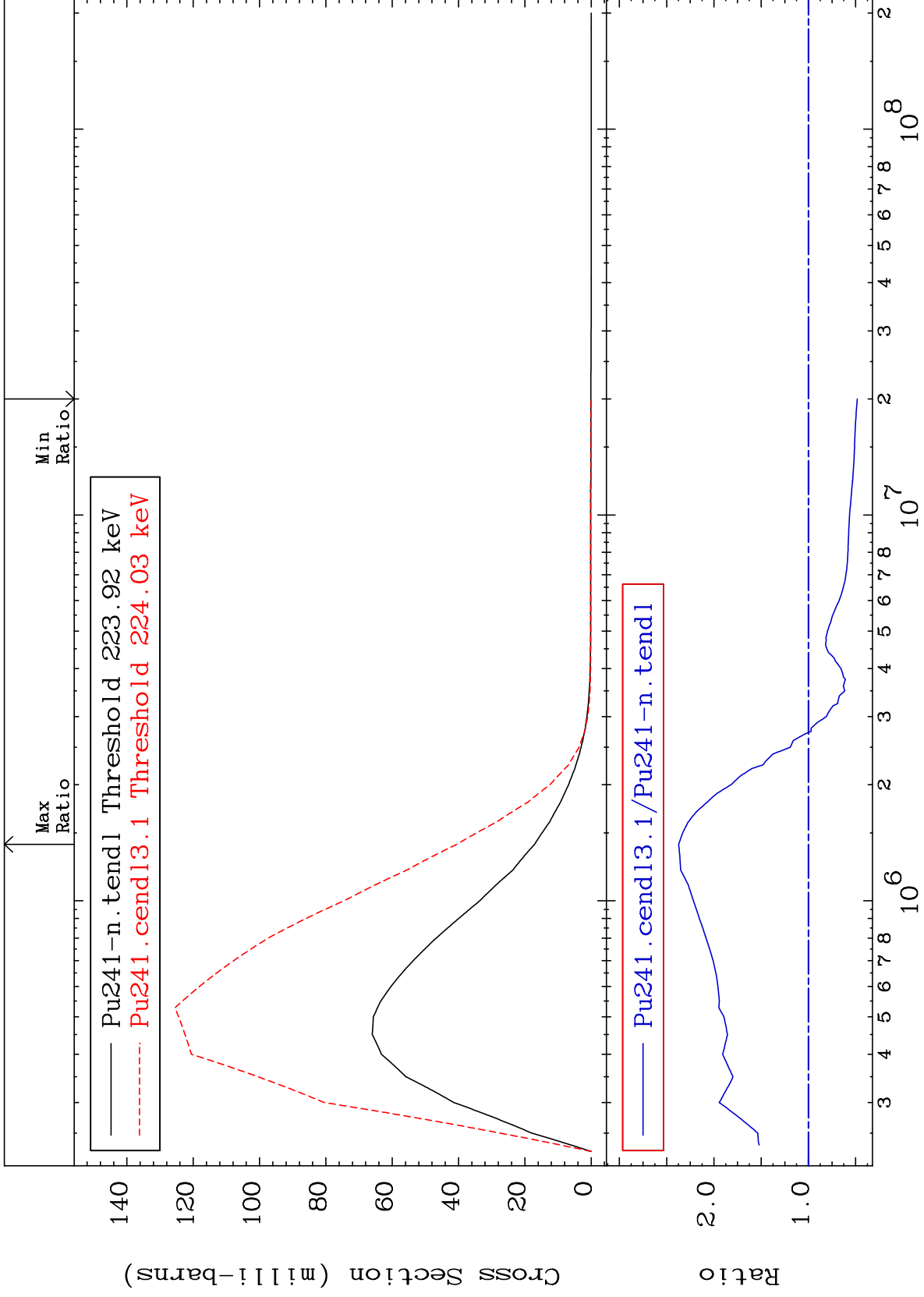
12

94-Pu-241

MAT 9443

223.0 keV (n,n') Level  
Cross Section

94-Pu-241  
-51.71 To 137.3 %



13

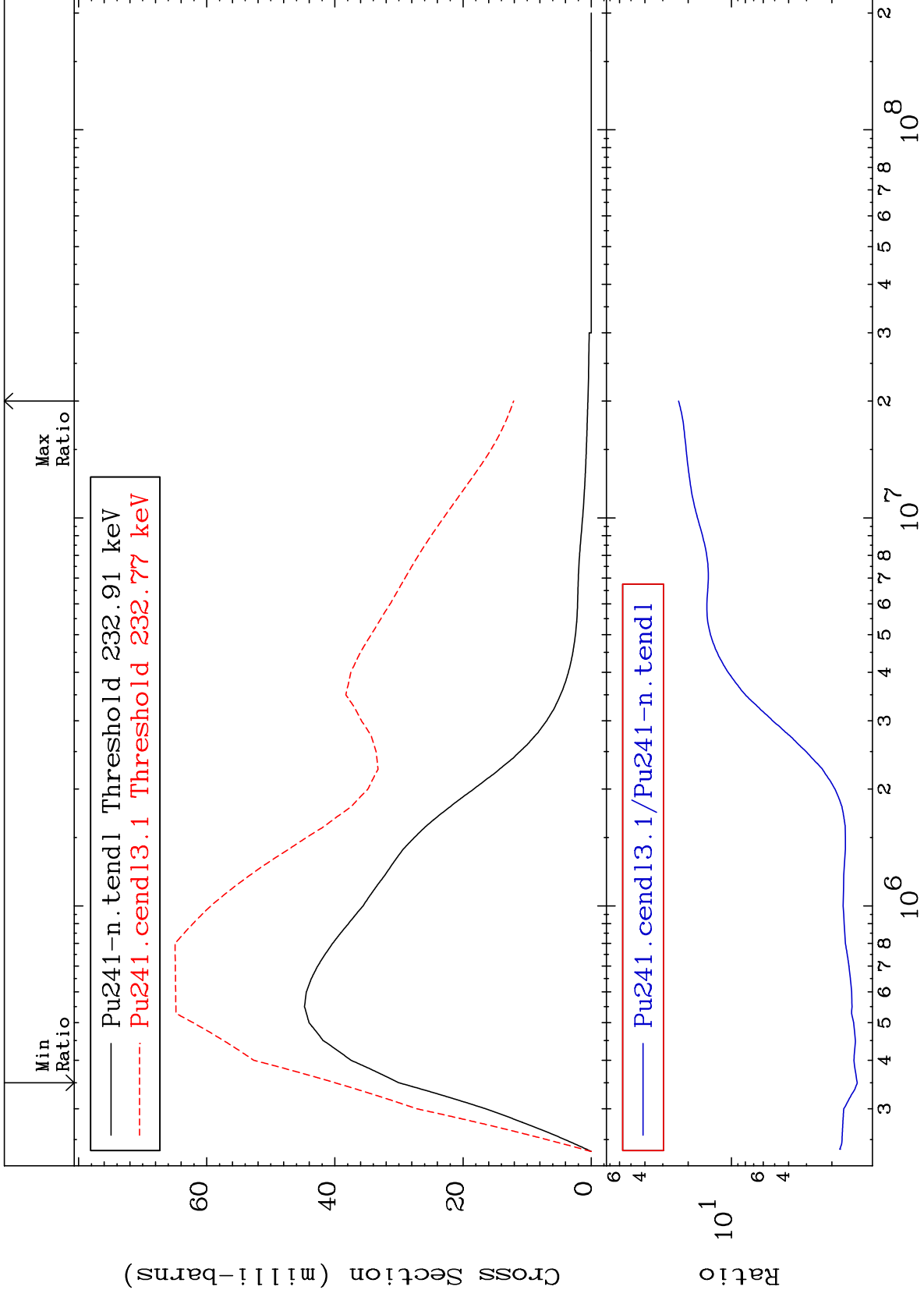
Incident Energy (eV)

94-Pu-241

MAT 9443

231.9 keV (n,n') Level  
Cross Section

94-Pu-241  
33.13 To 2226. %



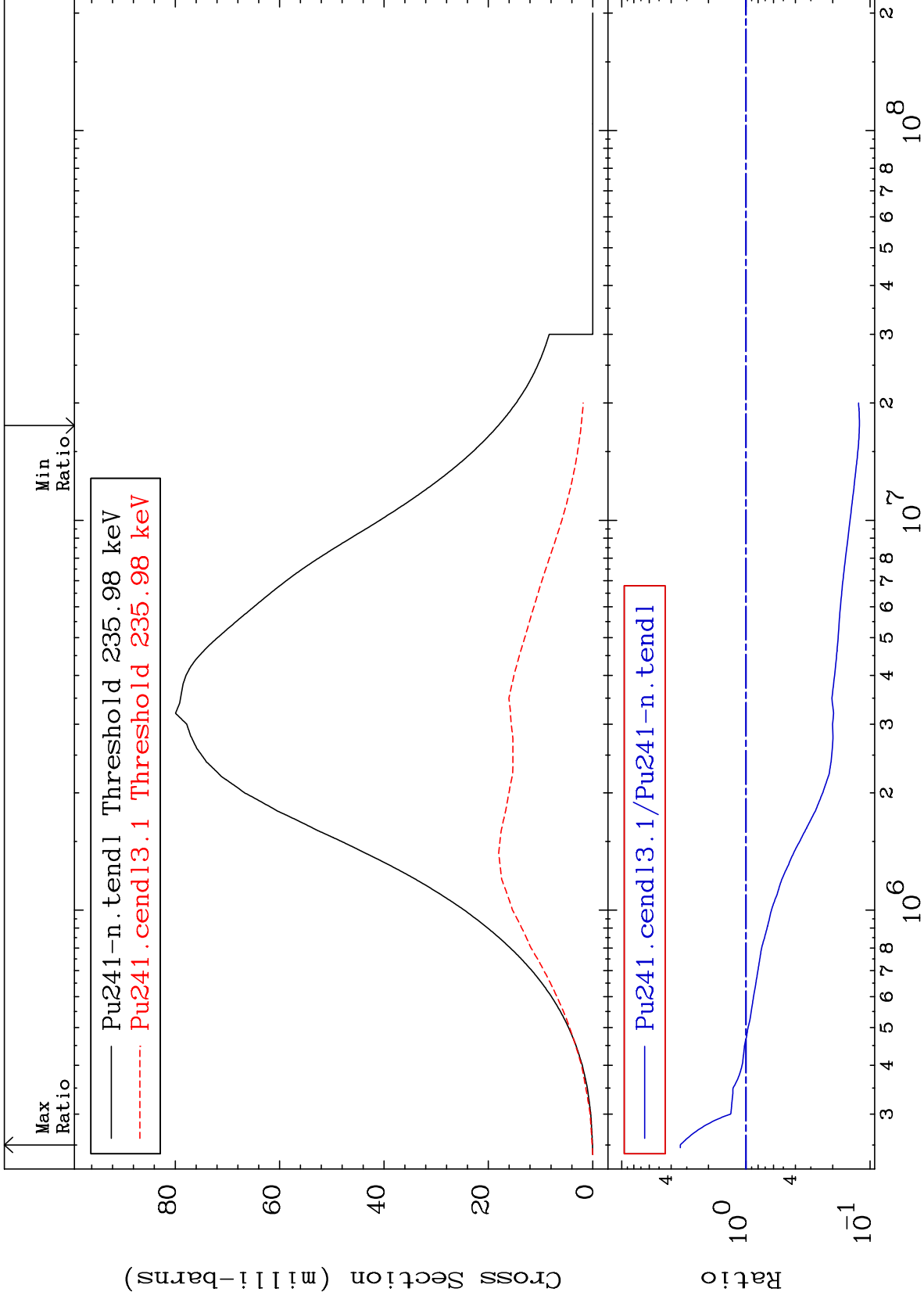
14

94-Pu-241

MAT 9443

235.0 keV (n,n') Level  
Cross Section

94-Pu-241  
-87.80 To 237.4 %



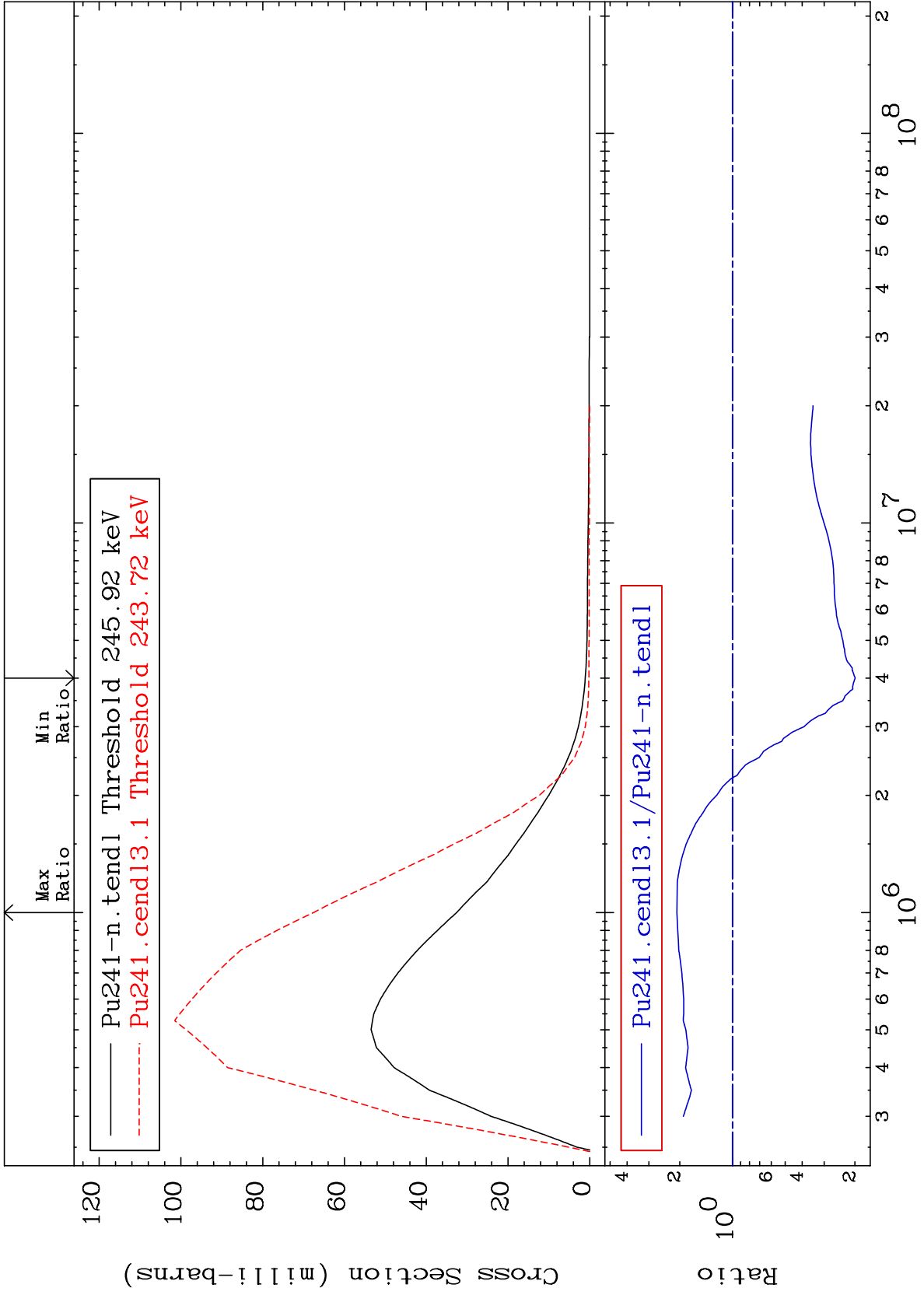
15

94-Pu-241

MAT 9443

244.9 keV (n,n') Level  
Cross Section

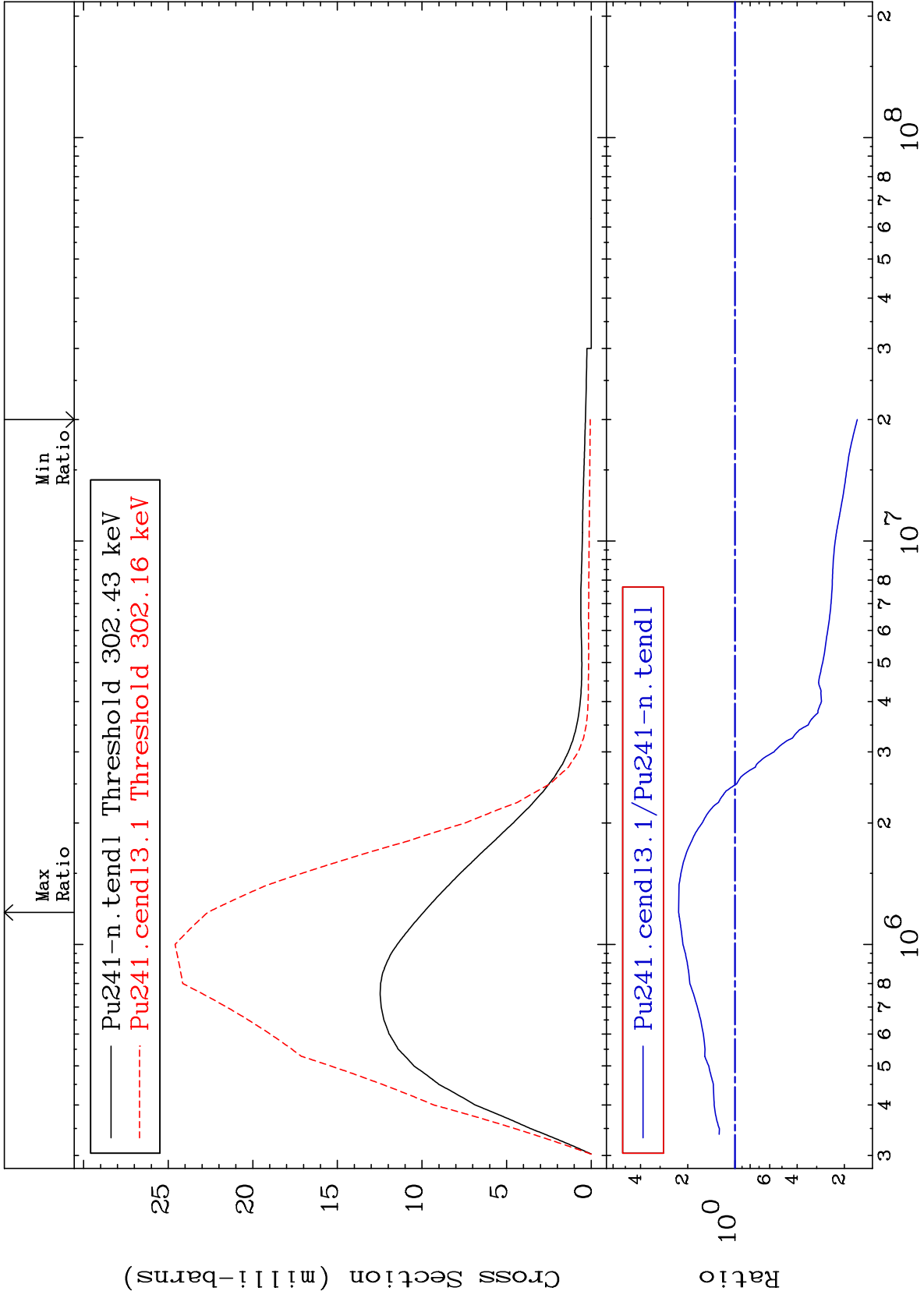
94-Pu-241  
-80.04 To 107.6 %



MAT 9443

301.2 keV (n,n') Level  
Cross Section

94-Pu-241  
-83.45 To 128.6 %



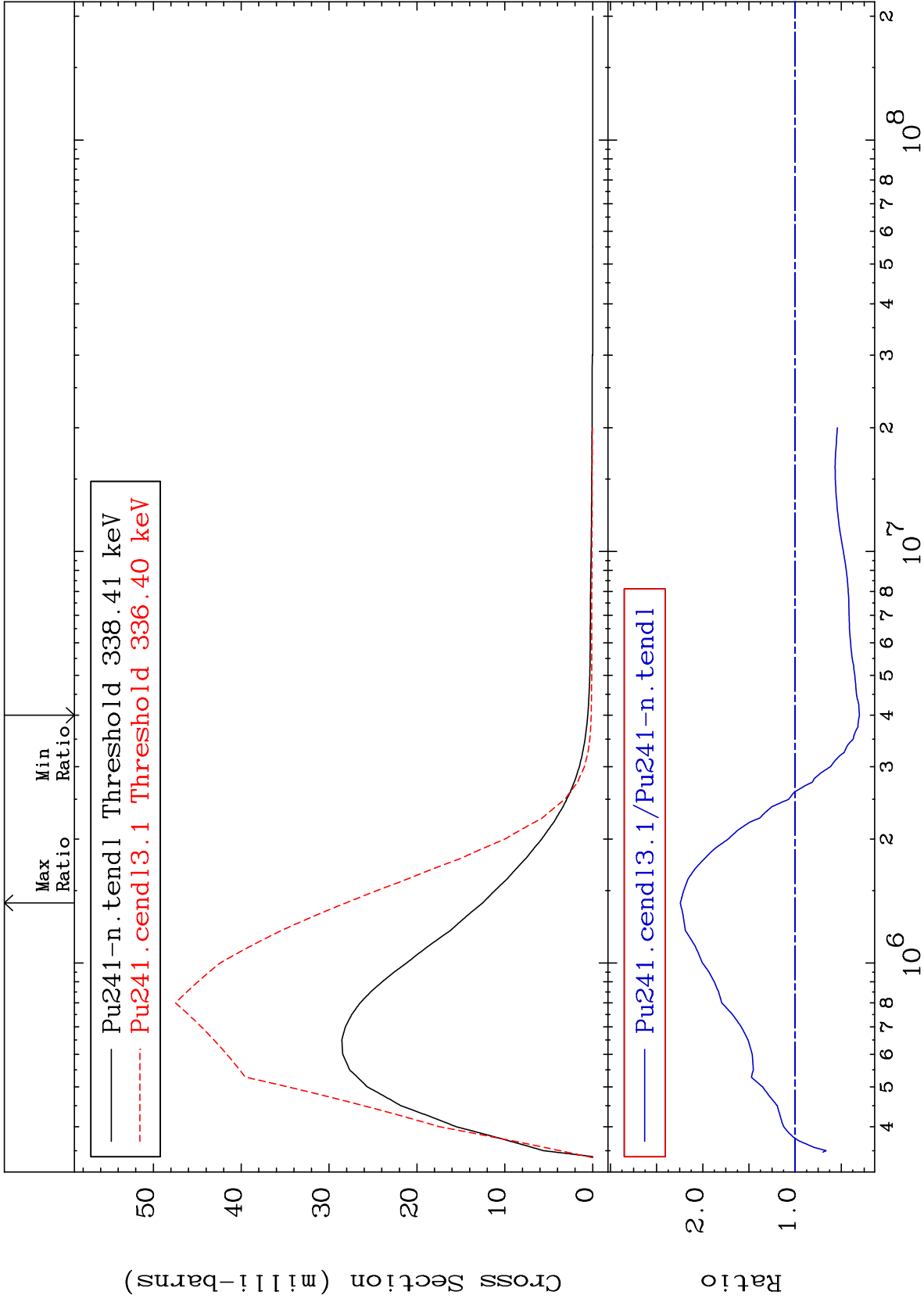
17

94-Pu-241

MAT 9443

337.0 keV (n,n') Level  
Cross Section

94-Pu-241  
-69.73 To 124.3 %



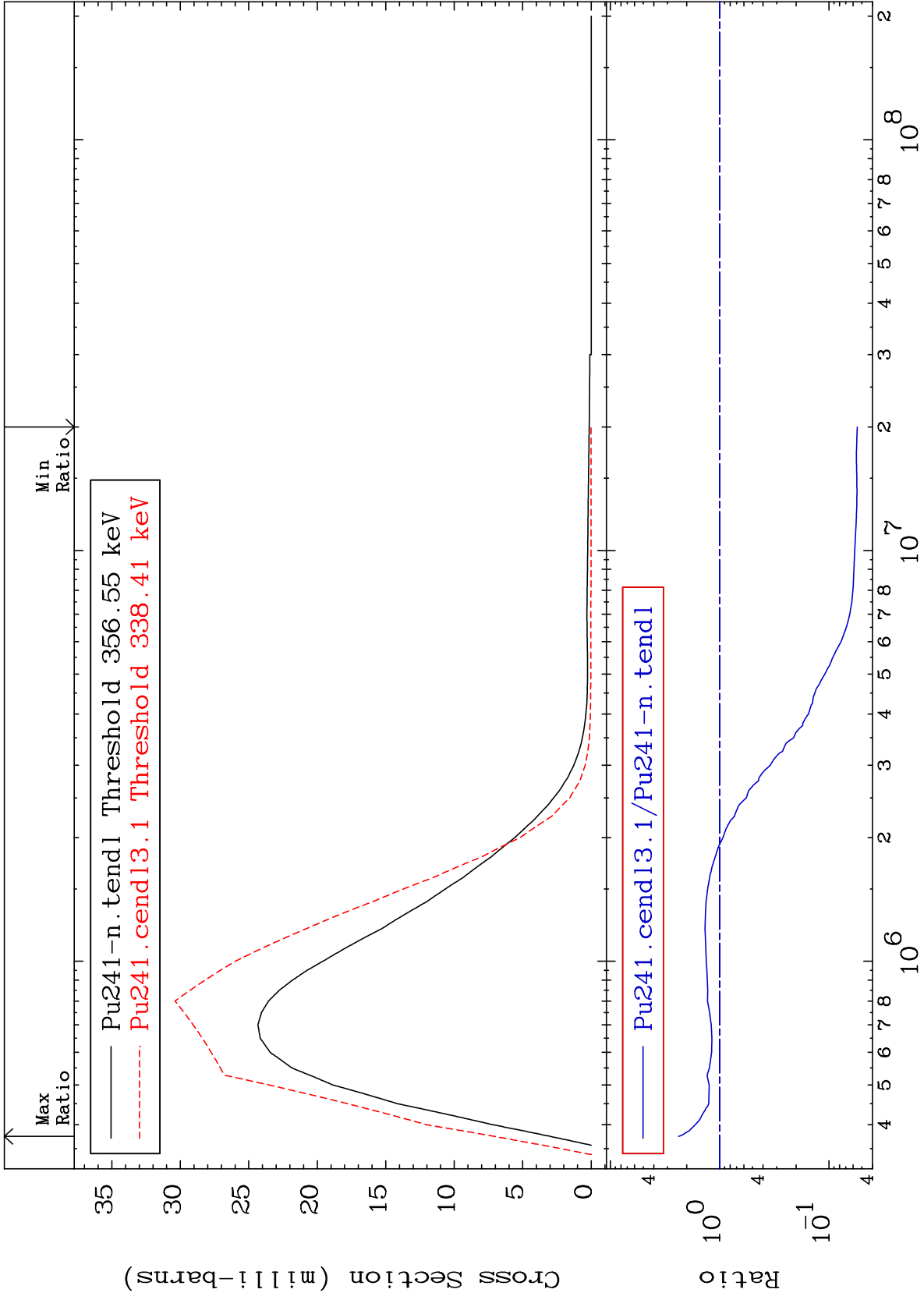
18

94-Pu-241

MAT 9443

355.1 keV (n,n') Level  
Cross Section

94-Pu-241  
-94.50 To 137.0 %

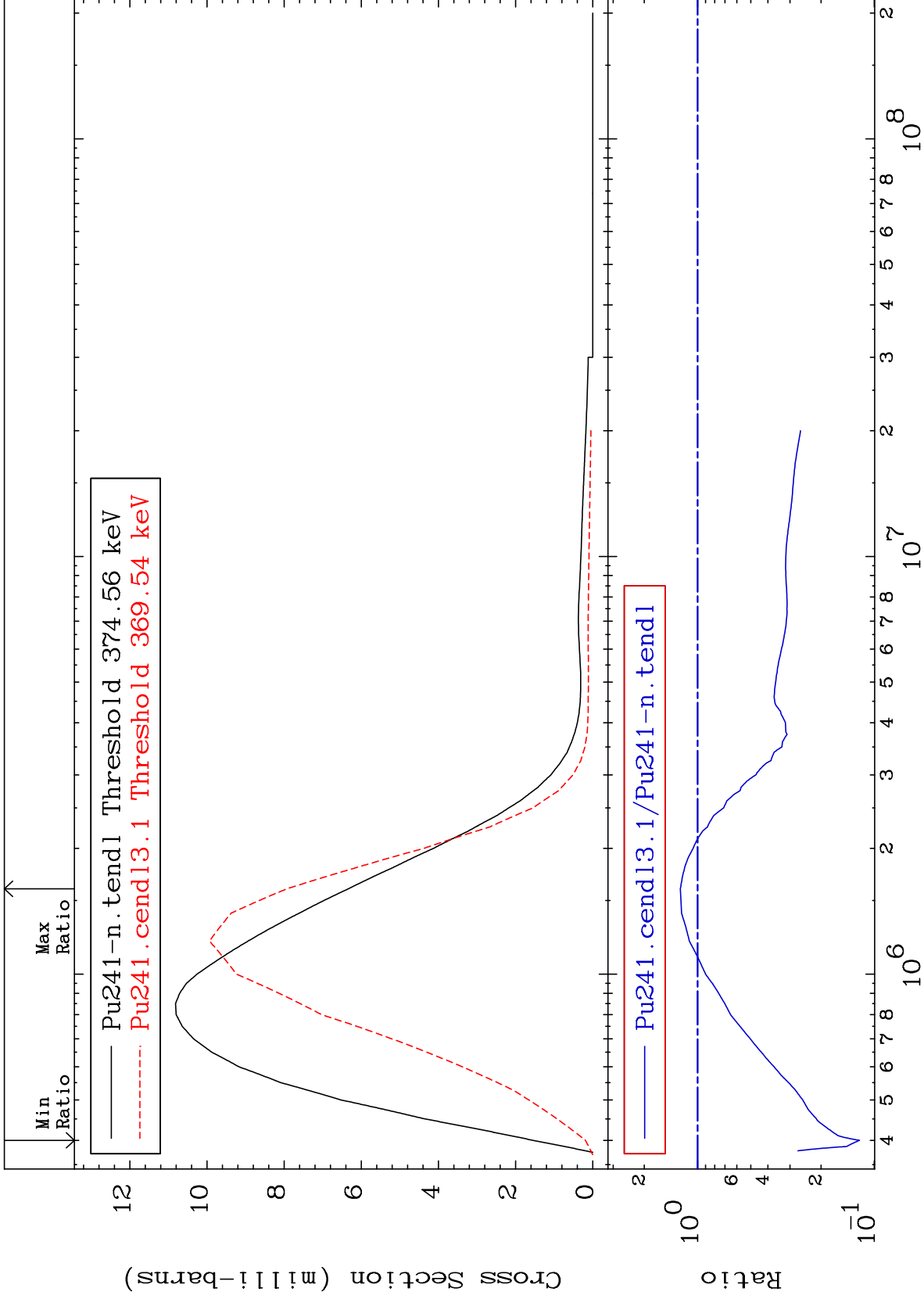




MAT 9443

373.0 keV (n,n') Level  
Cross Section

94-Pu-241  
-87.87 To 25.09 %



20

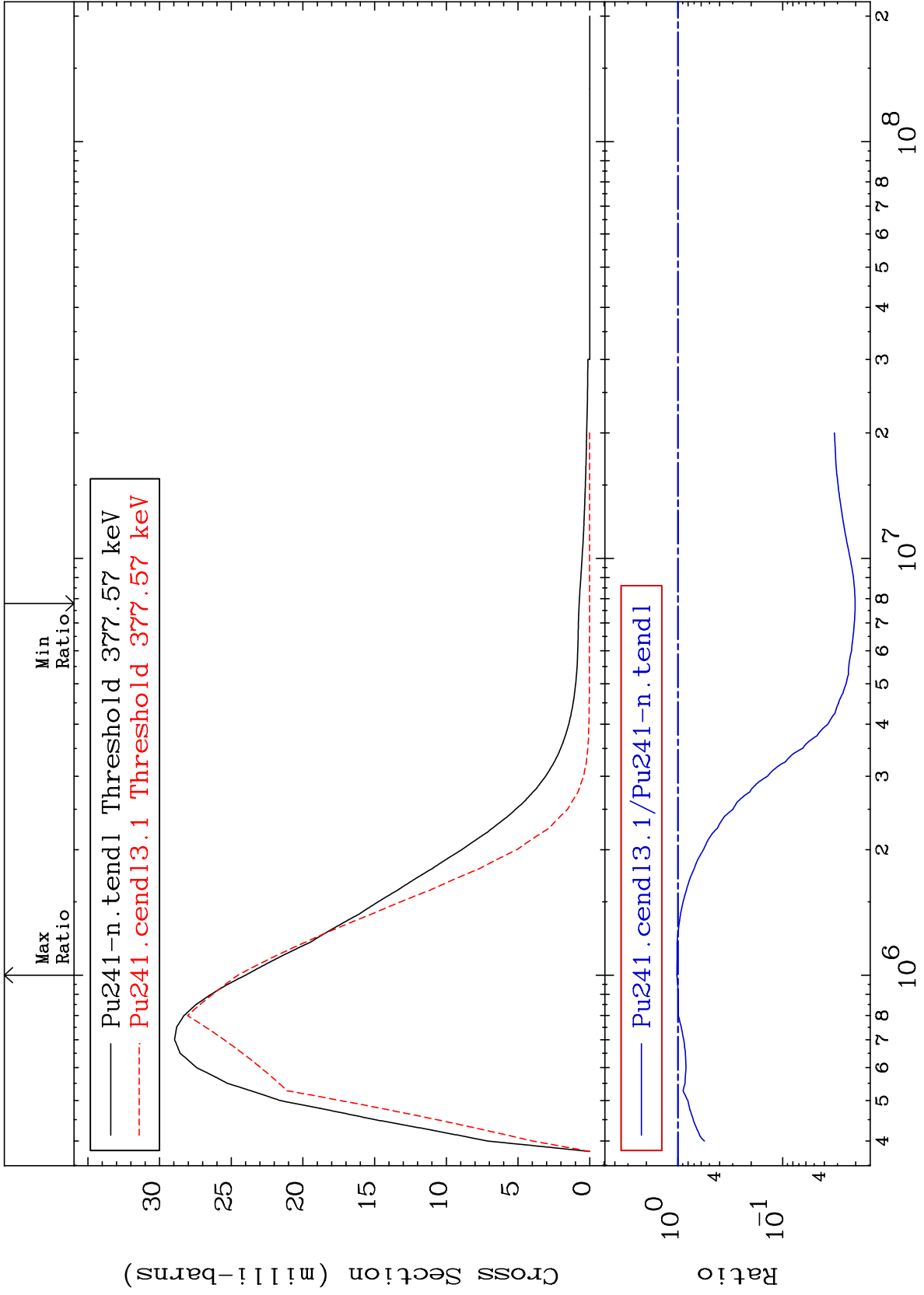
Incident Energy (eV)

94-Pu-241

MAT 9443

376.0 keV (n,n') Level  
Cross Section

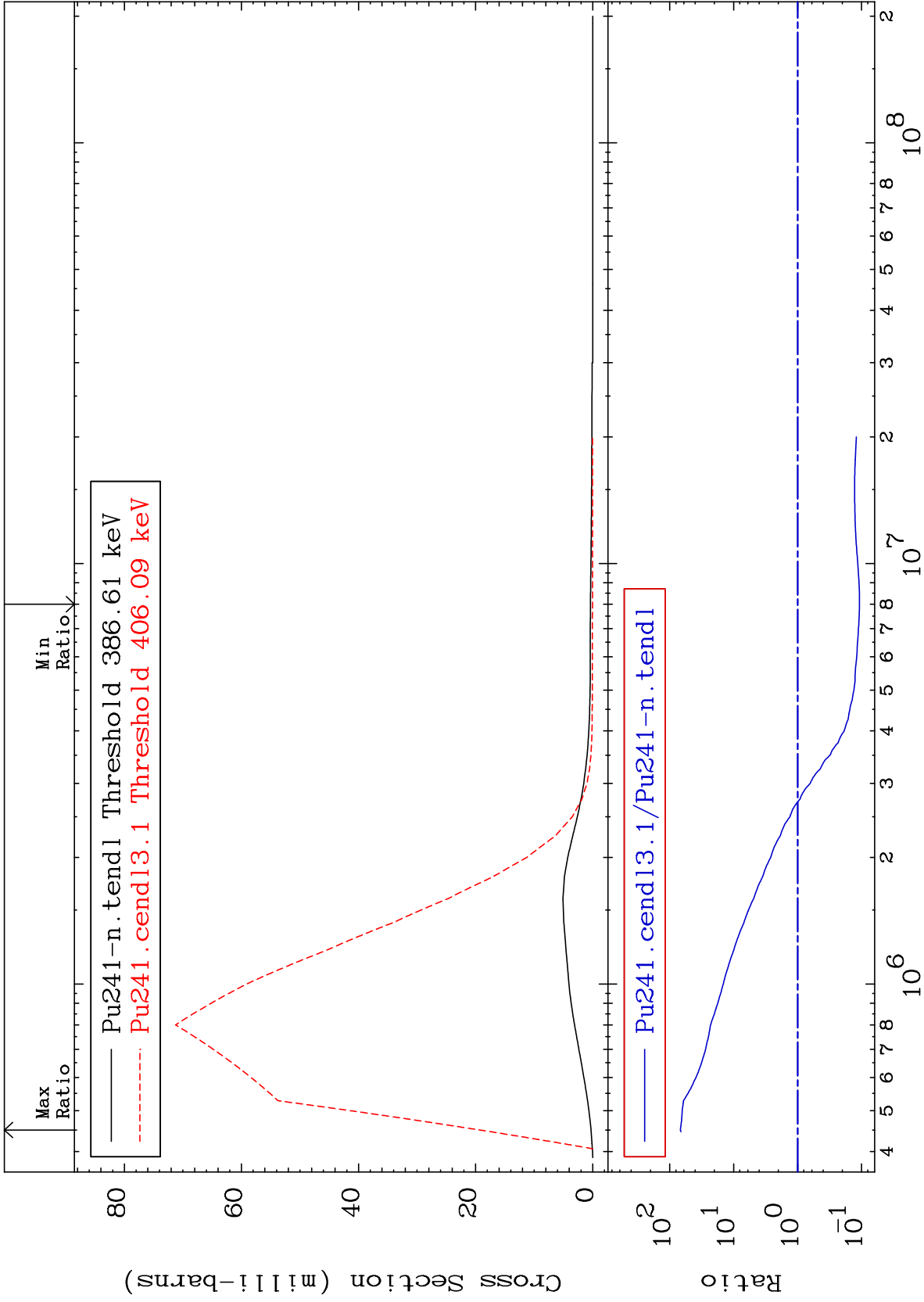
94-Pu-241  
-97.97 To 2.246 %



MAT 9443

385.0 keV (n,n') Level  
Cross Section

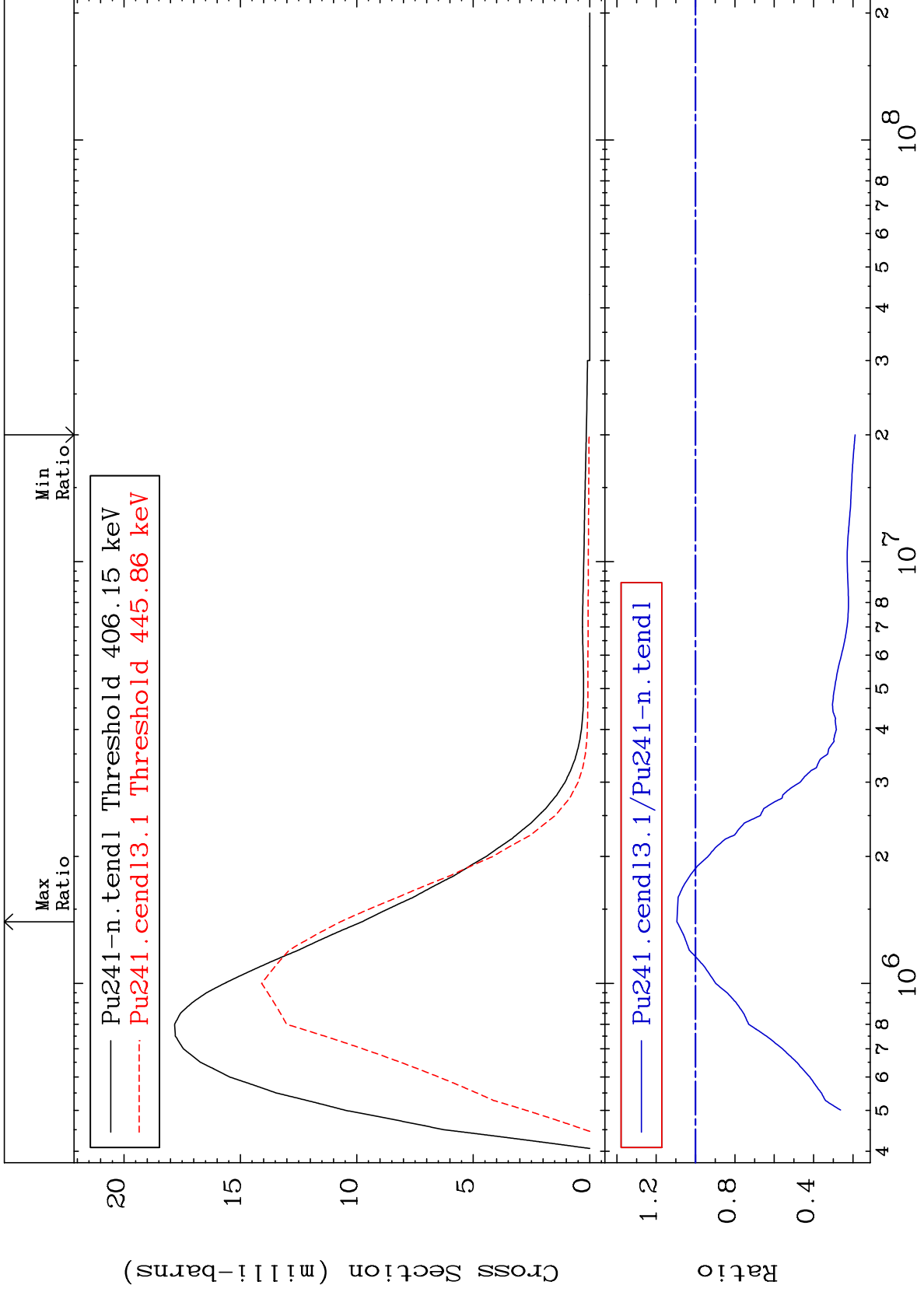
94-Pu-241  
-89.20 To 6708. %



MAT 9443

404.5 keV (n,n') Level  
Cross Section

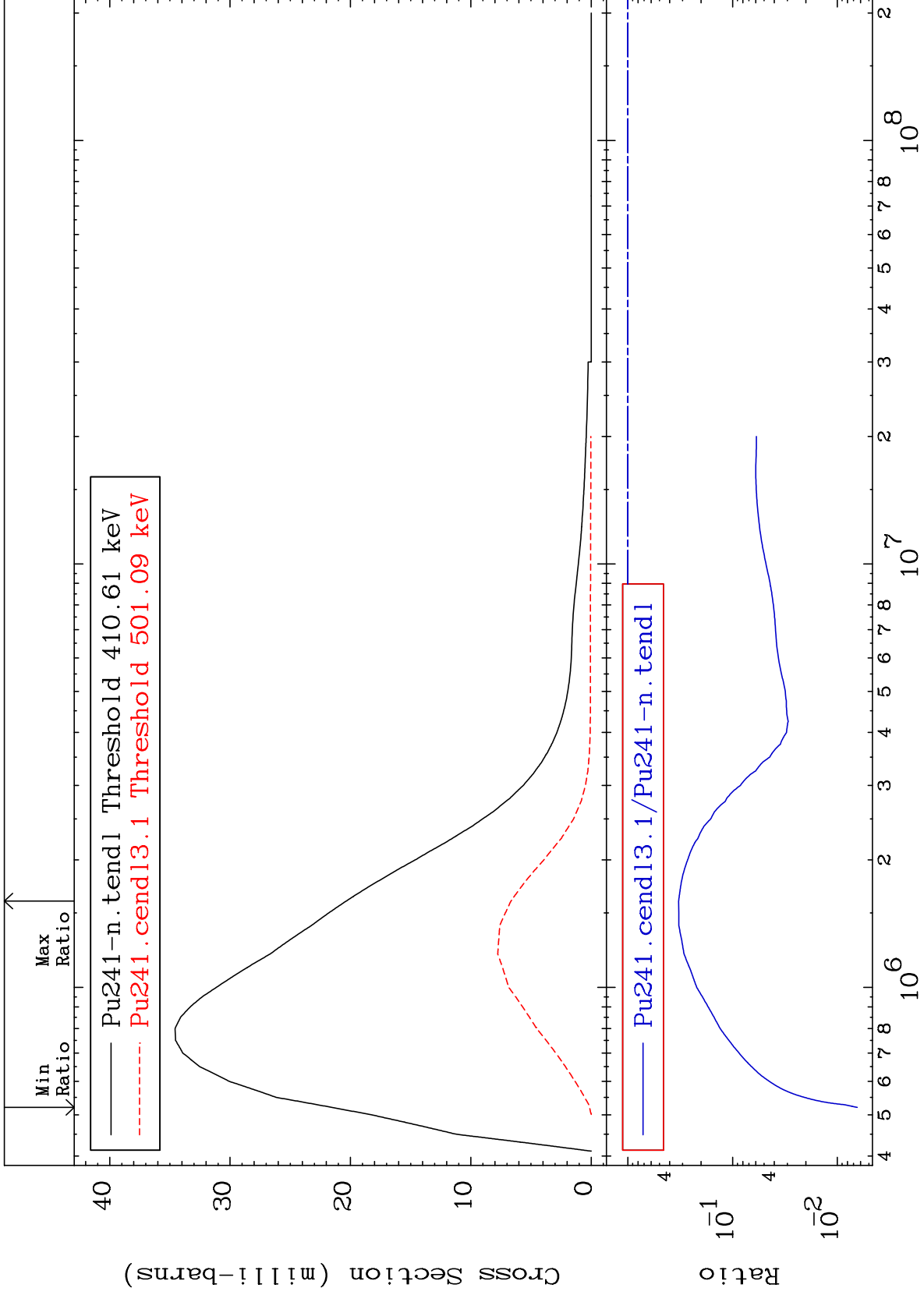
94-Pu-241  
-81.08 To 9.474 %



MAT 9443

408.9 keV (n,n') Level  
Cross Section

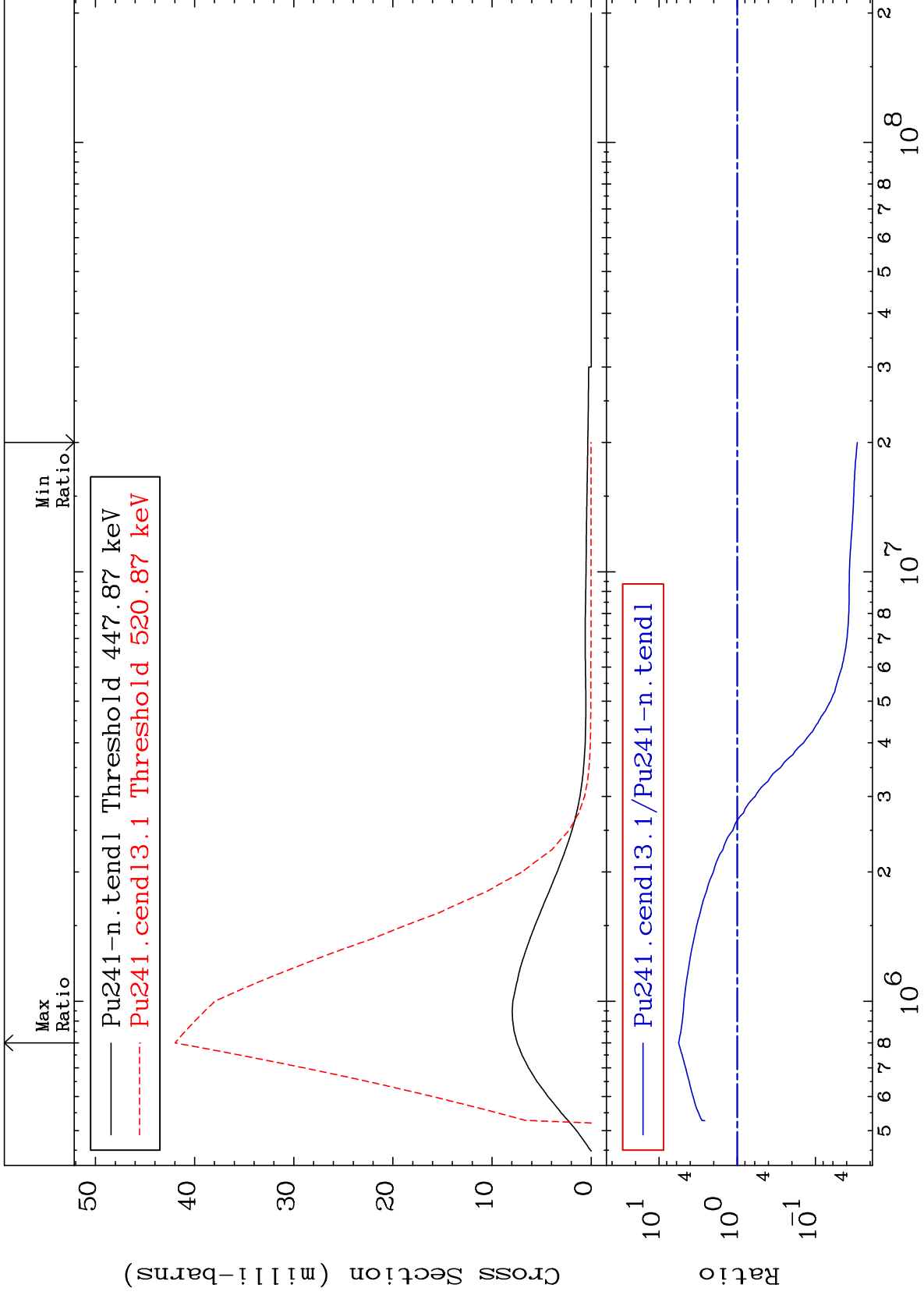
94-Pu-241  
-99.35 To -67.24%



MAT 9443

446.0 keV (n,n') Level  
Cross Section

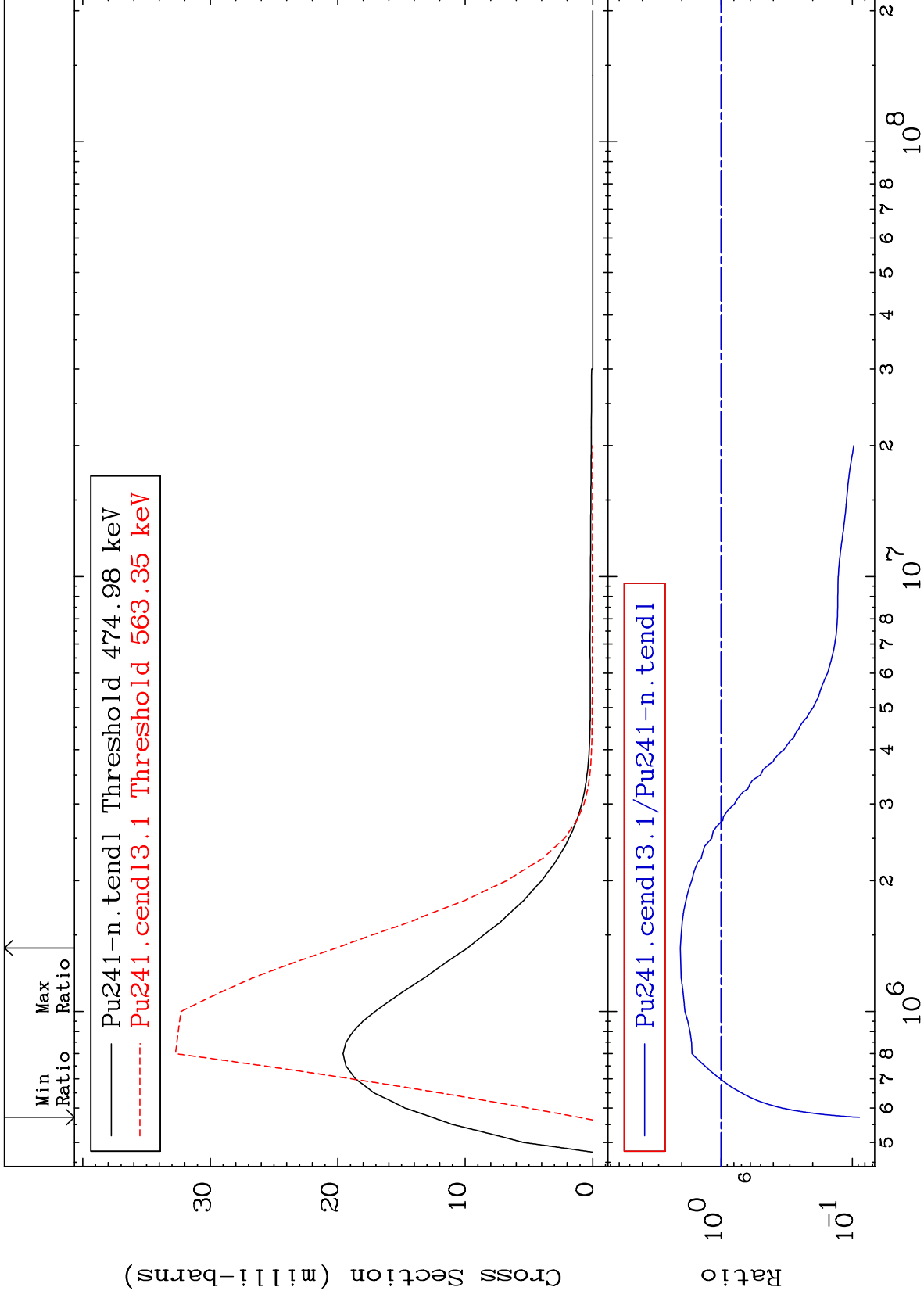
94-Pu-241  
-97.07 To 462.4 %



MAT 9443

473.0 keV (n,n') Level  
Cross Section

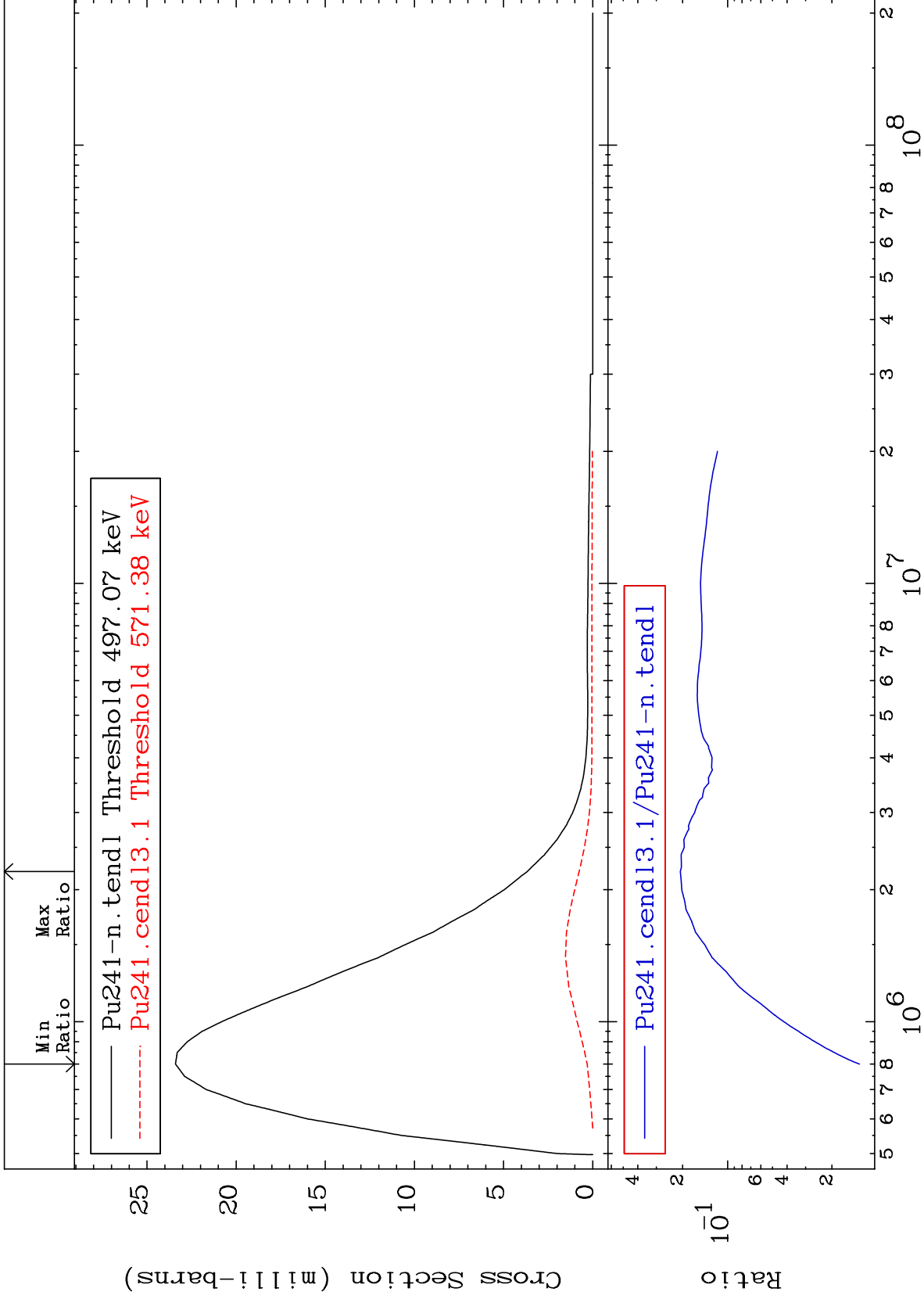
94-Pu-241  
-91.19 To 104.9 %



MAT 9443

495.0 keV (n,n') Level  
Cross Section

94-Pu-241  
-98.69 To -79.28%

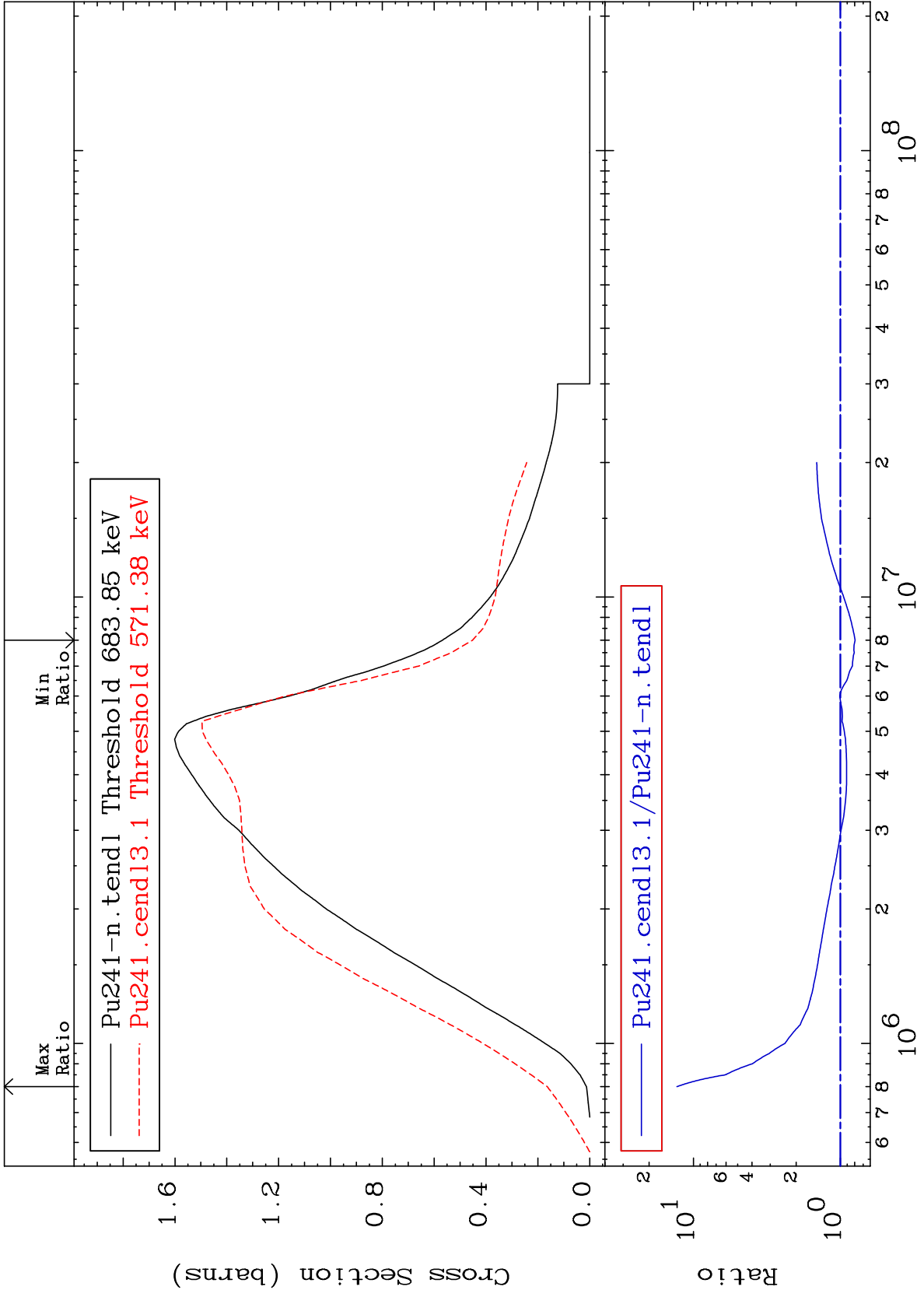




MAT 9443

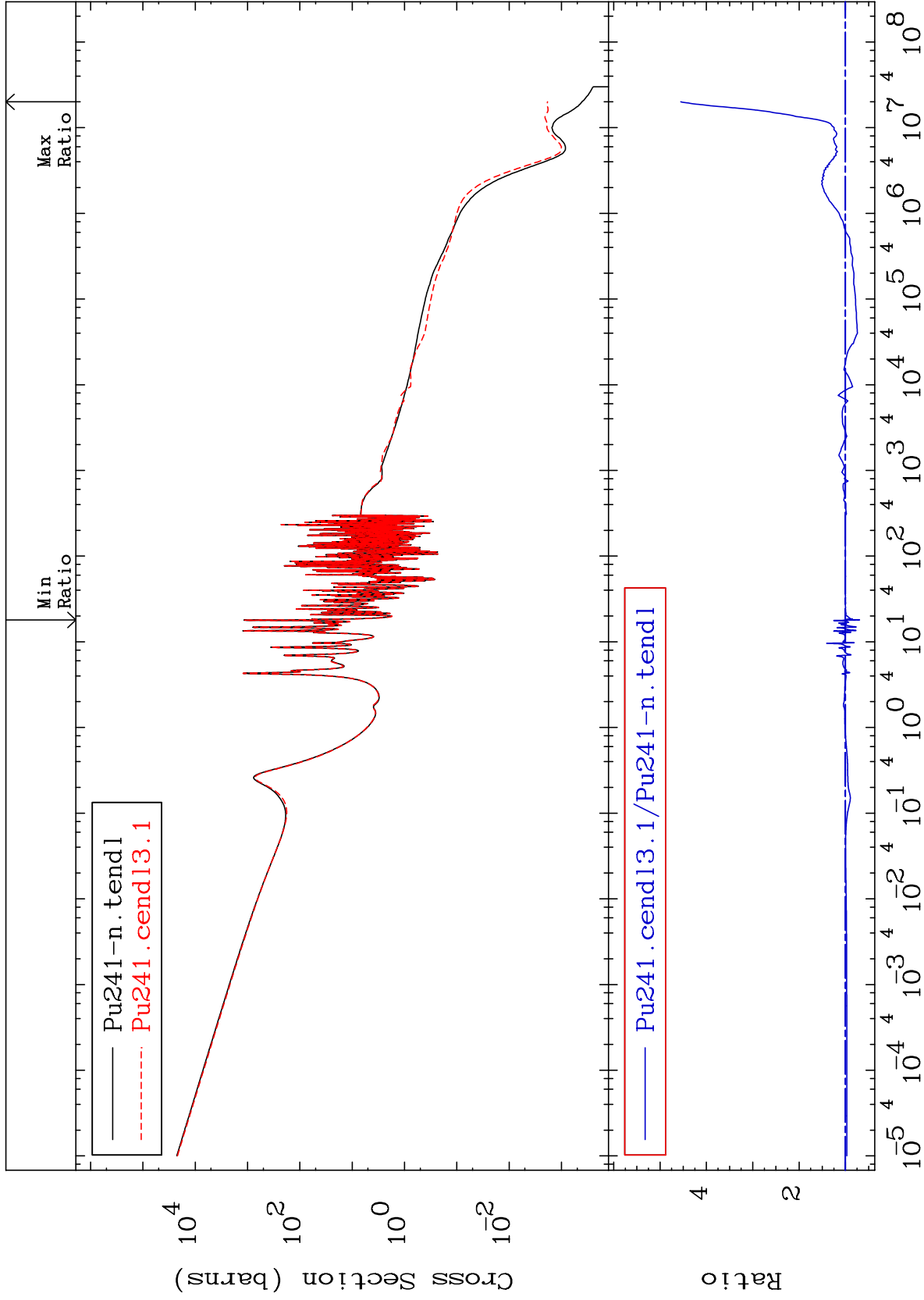
(n, n') Continuum  
Cross Section

94-Pu-241  
-20.49 To 1194. %



MAT 9443

(n,  $\gamma$ )  
Cross Section  
94-Pu-241  
-30.40 To 355.3 %



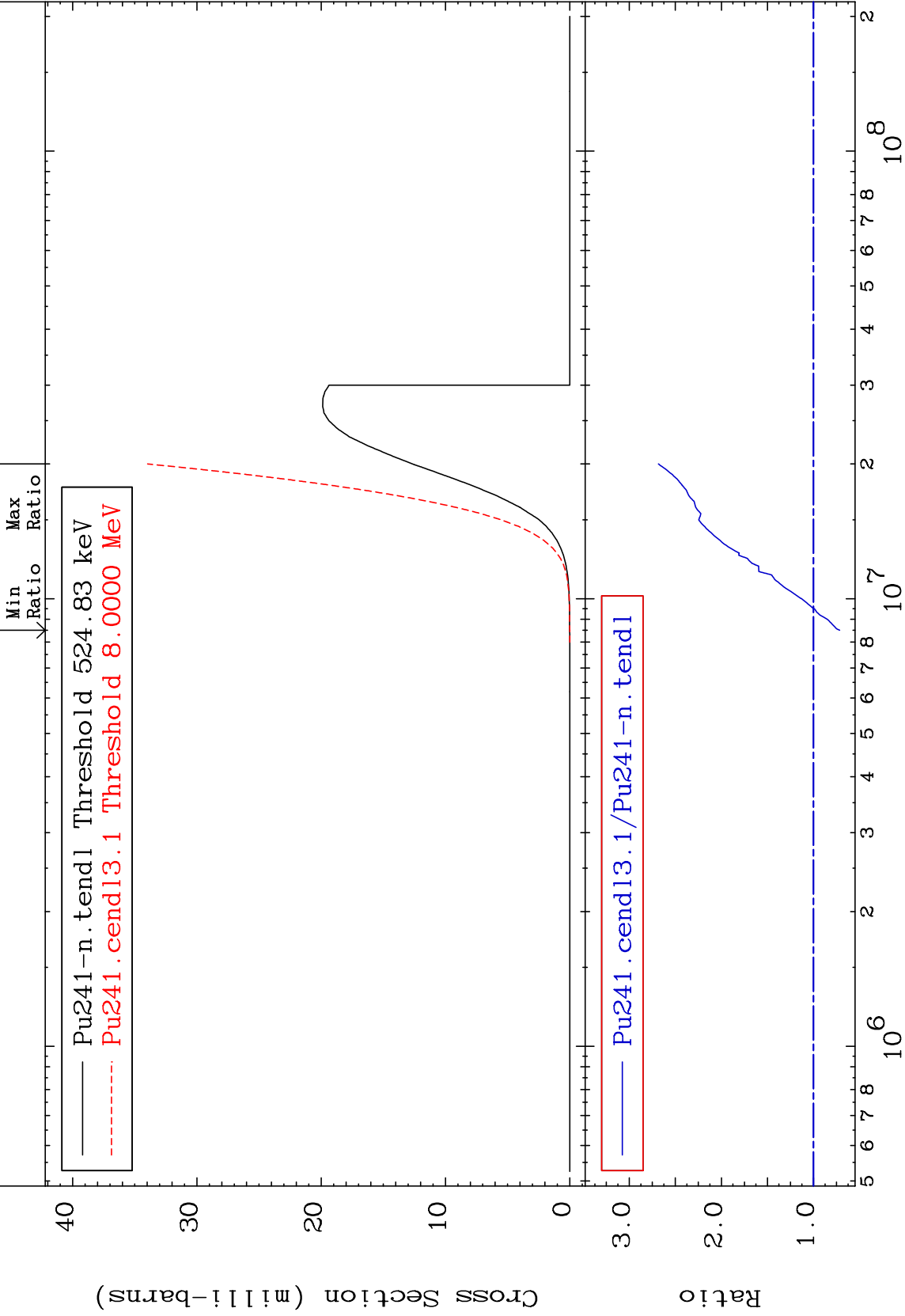
MAT 9443

94-Pu-241

-28.42 To 168.4 %

(n,p)

Cross Section



30

Incident Energy (eV)

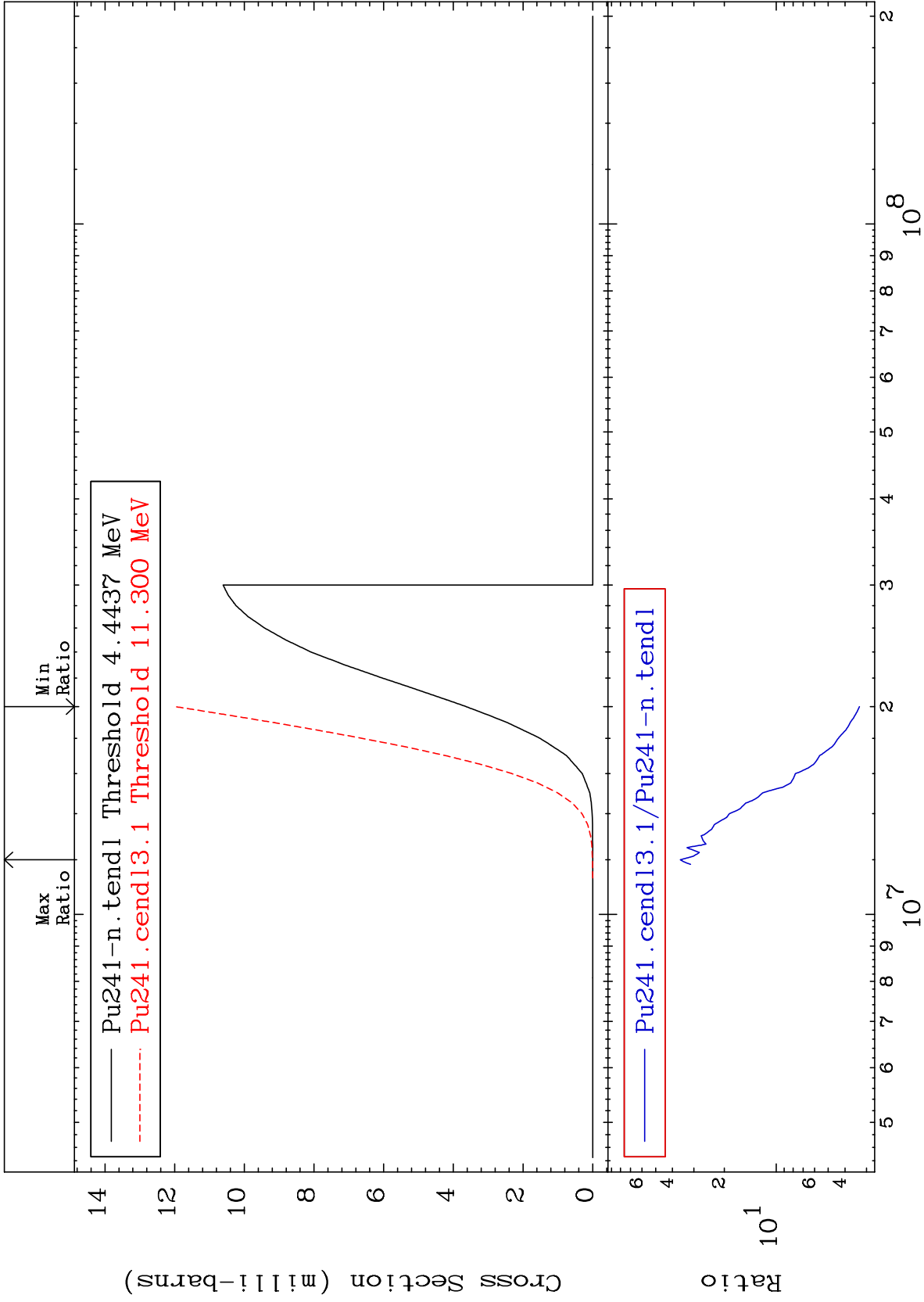
94-Pu-241

MAT 9443

(n, d)

94-Pu-241  
229.9 To 3496. %

Cross Section

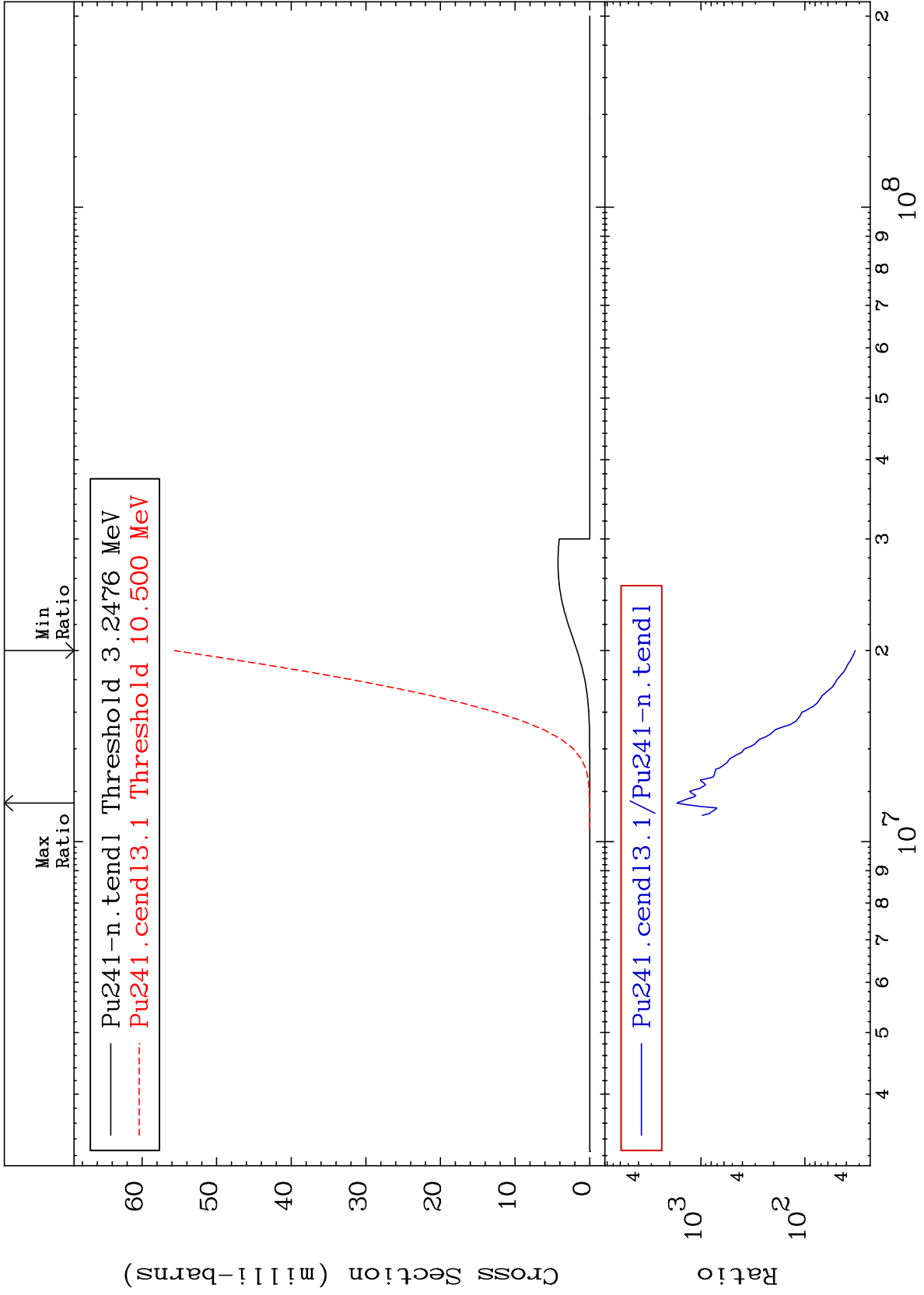


31

94-Pu-241

MAT 9443

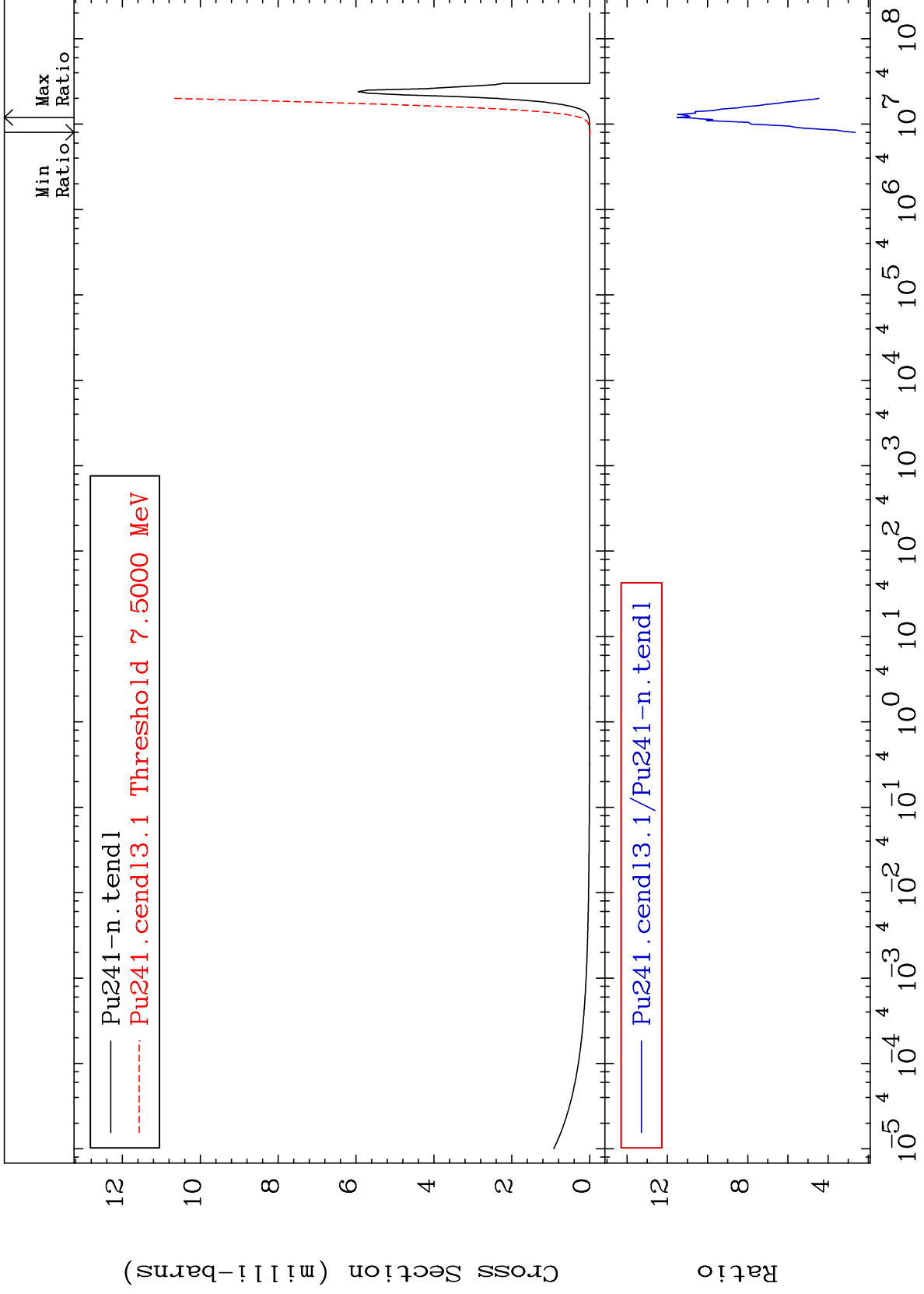
(n, t)  
Cross Section  
94-Pu-241  
3192. To 9999. %



MAT 9443

(n,  $\alpha$ )  
Cross Section

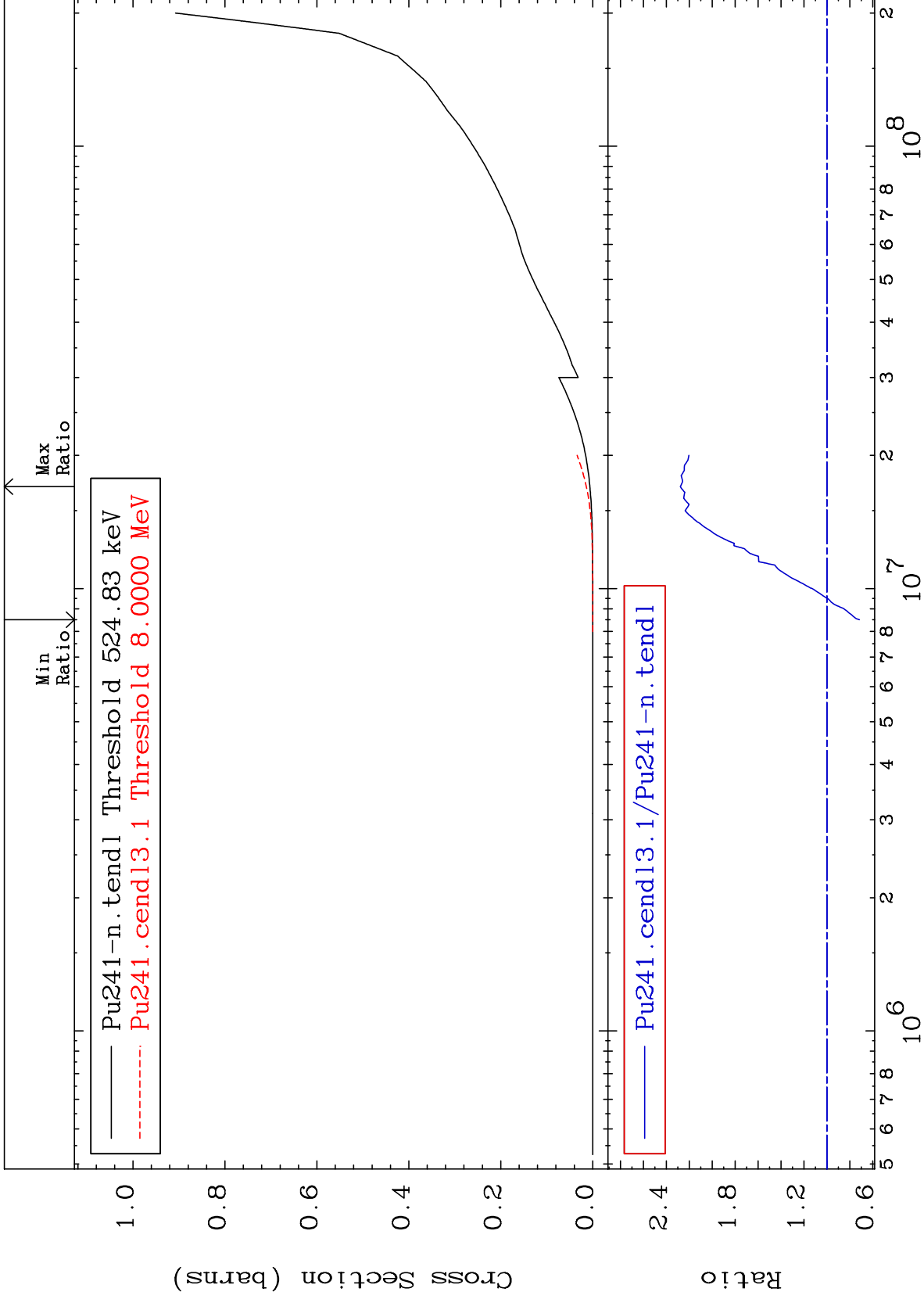
94-Pu-241  
165.9 To 1052. %



MAT 9443

Hydrogen Production  
Cross Section

94-Pu-241  
-28.42 To 127.7 %



34

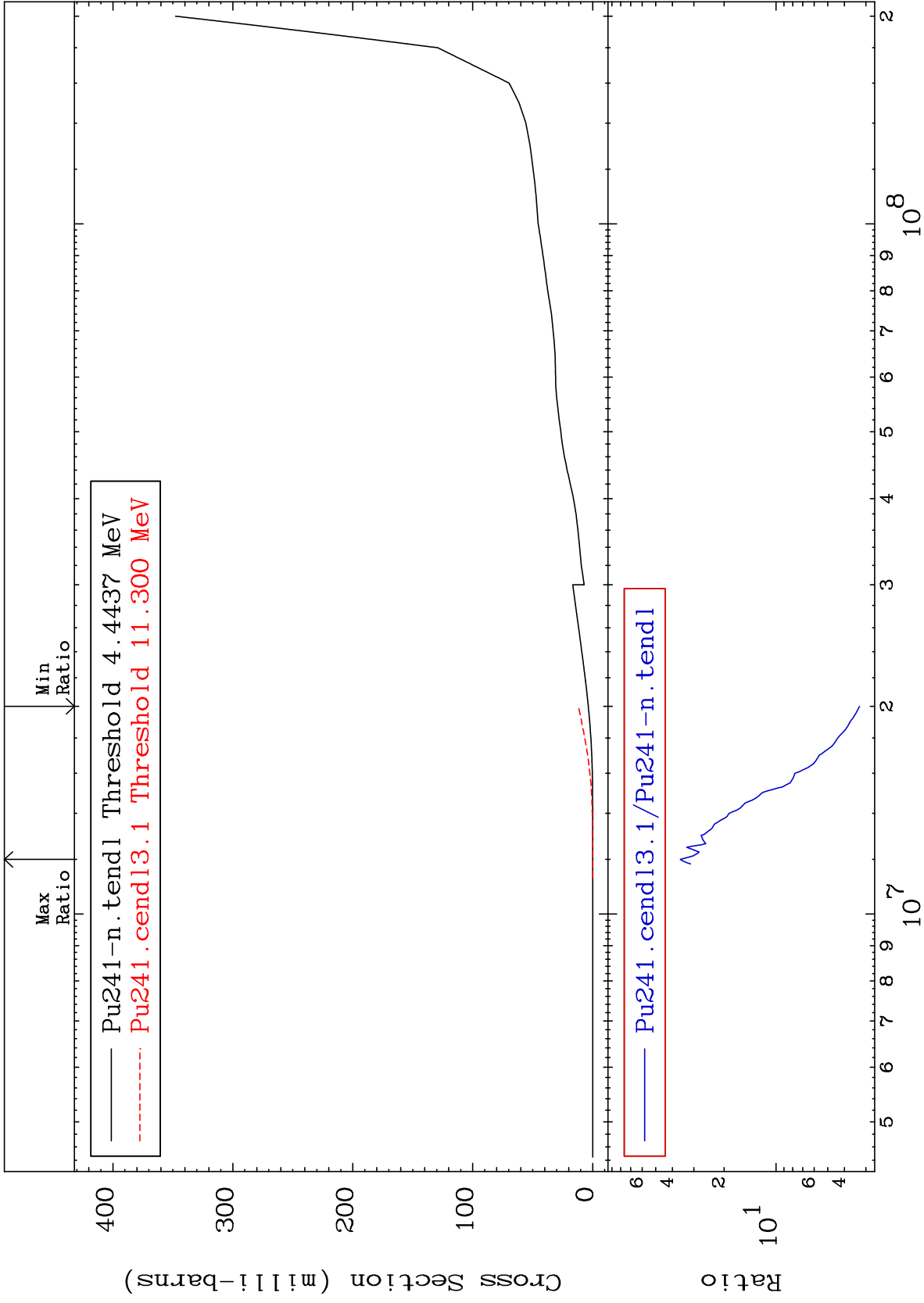
Incident Energy (eV)

94-Pu-241

MAT 9443

Deuterium Production  
Cross Section

94-Pu-241  
227.3 To 3496. %

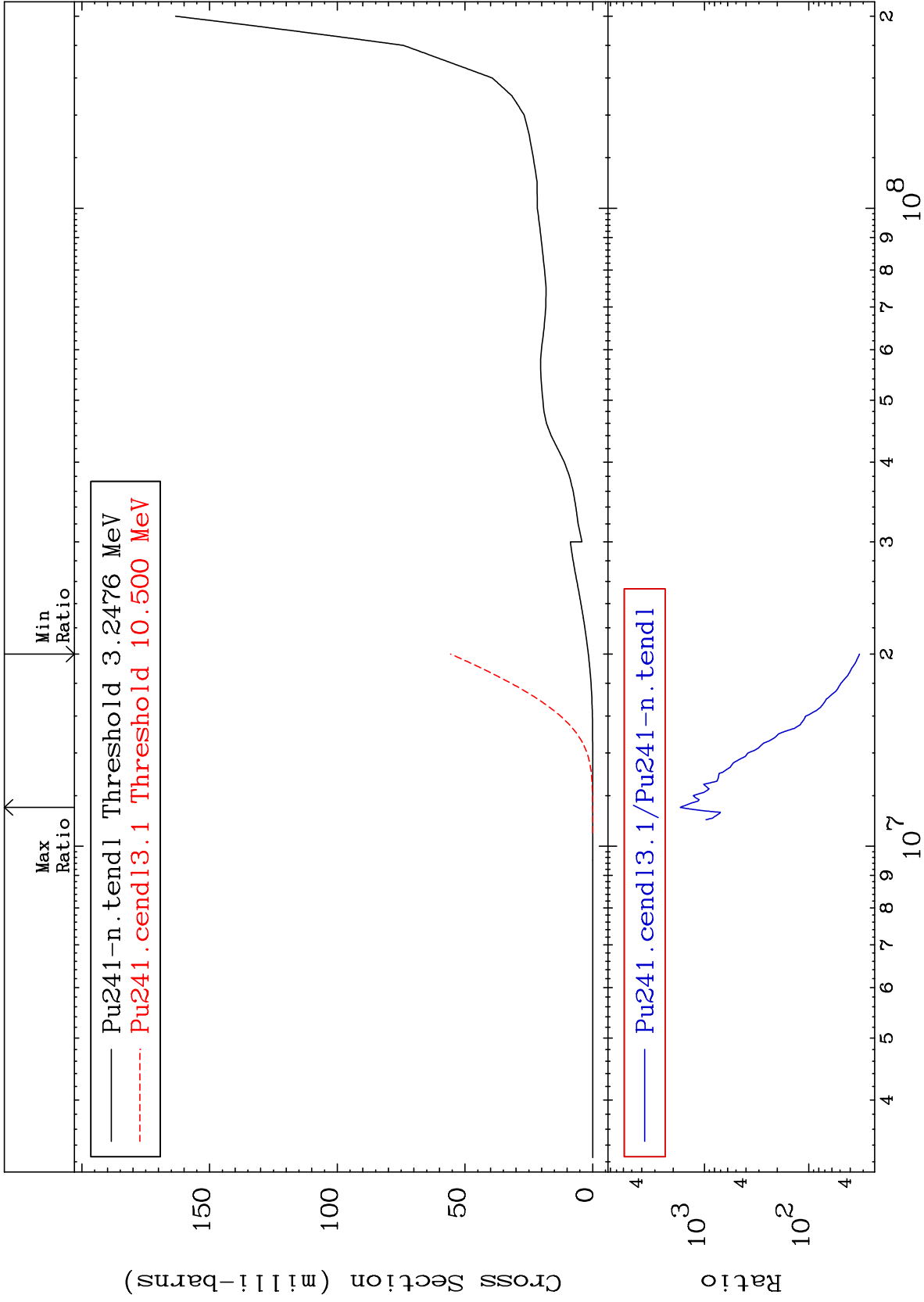




MAT 9443

Tritium Production  
Cross Section

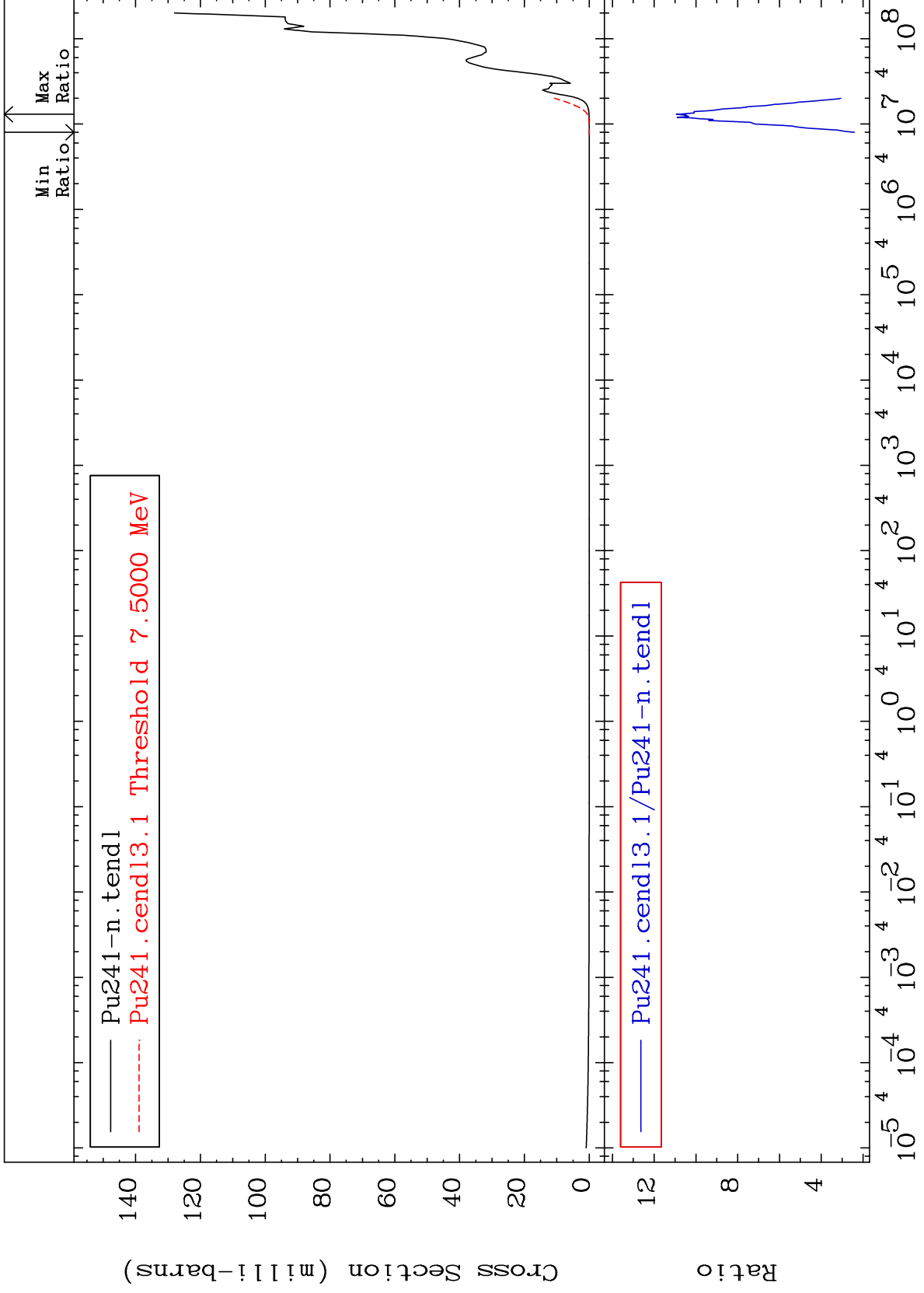
94-Pu-241  
3162. To 9999. %



MAT 9443

He-4 Production  
Cross Section

94-Pu-241  
141.4 To 993.7 %



37

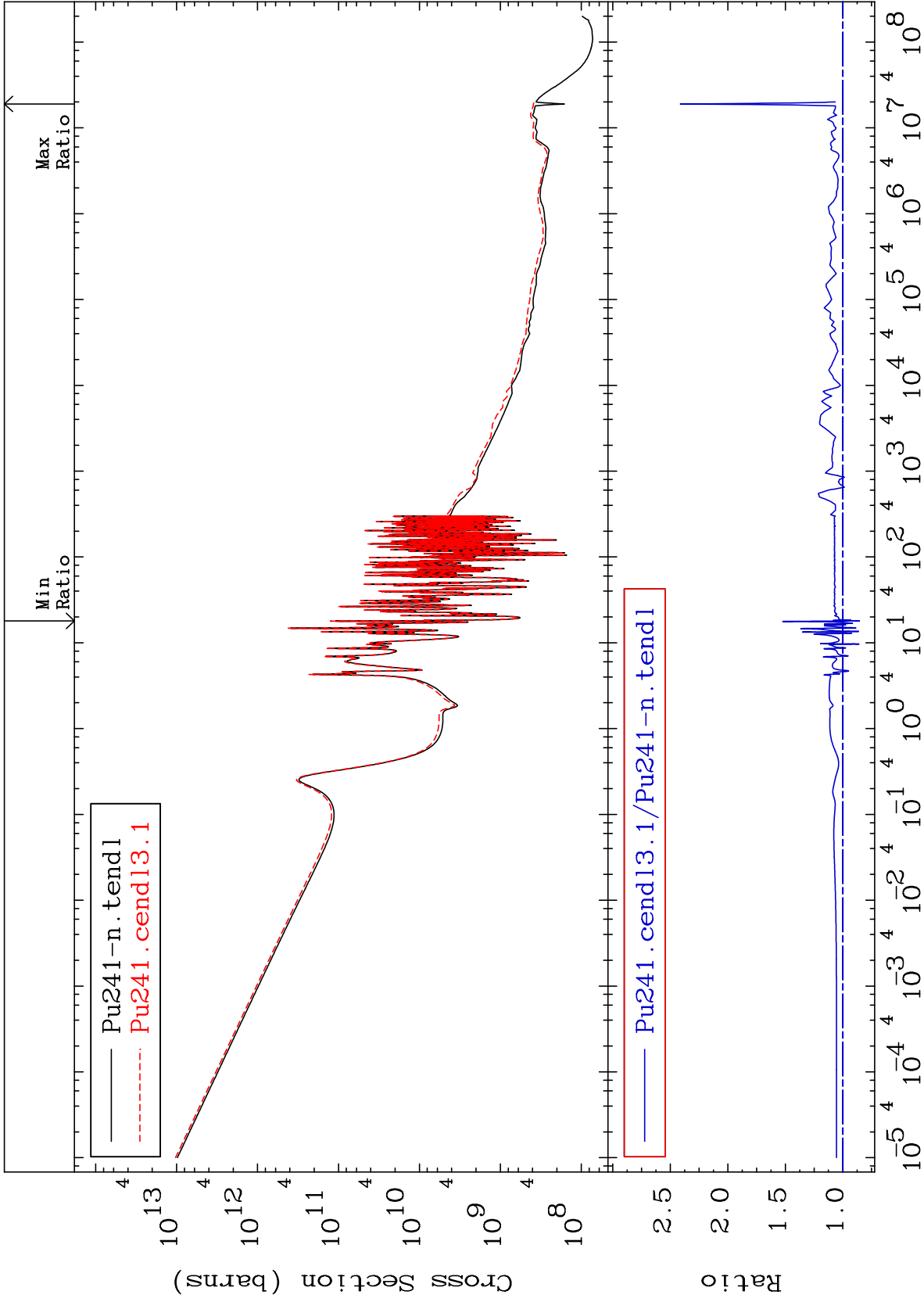
Incident Energy (eV)

94-Pu-241

MAT 9443

Kerma total (eV-barns)  
Cross Section

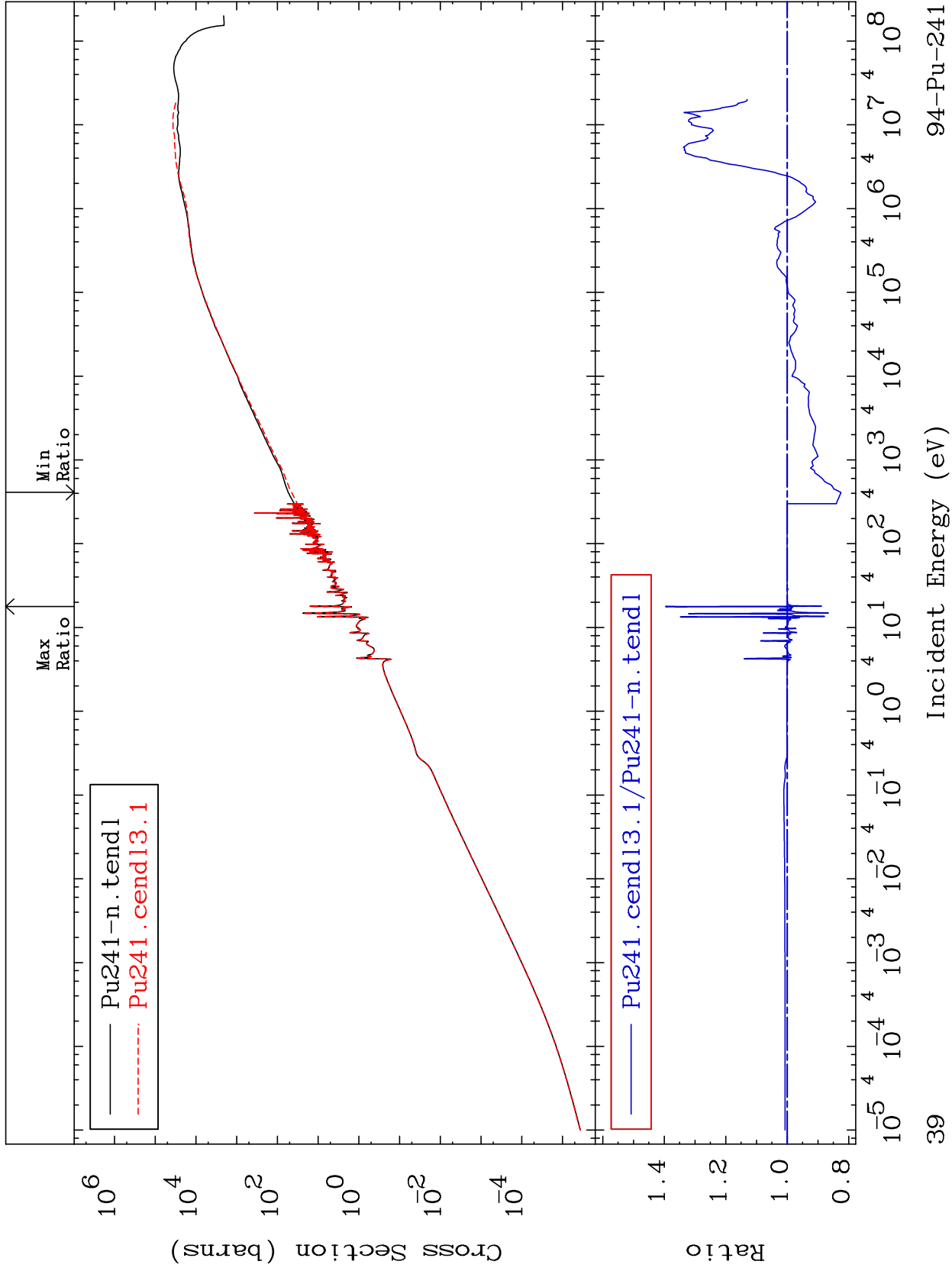
94-Pu-241  
-14.42 To 141.2 %



MAT 9443

Kerma elastic  
Cross Section

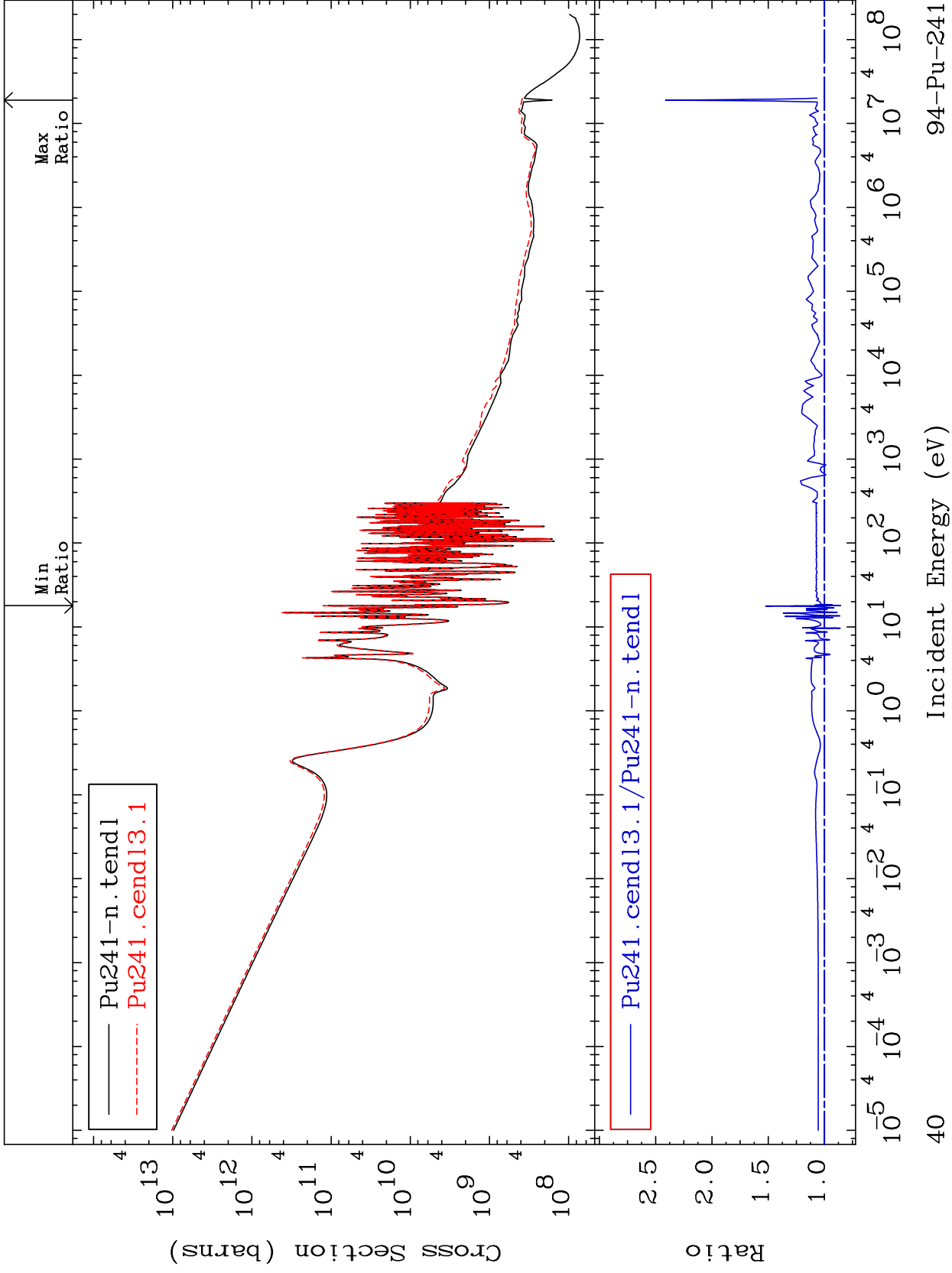
94-Pu-241  
-17.43 To 39.45 %



MAT 9443

Kerma non-elastic (all but mt2)  
Cross Section

94-Pu-241  
-14.42 To 141.3 %

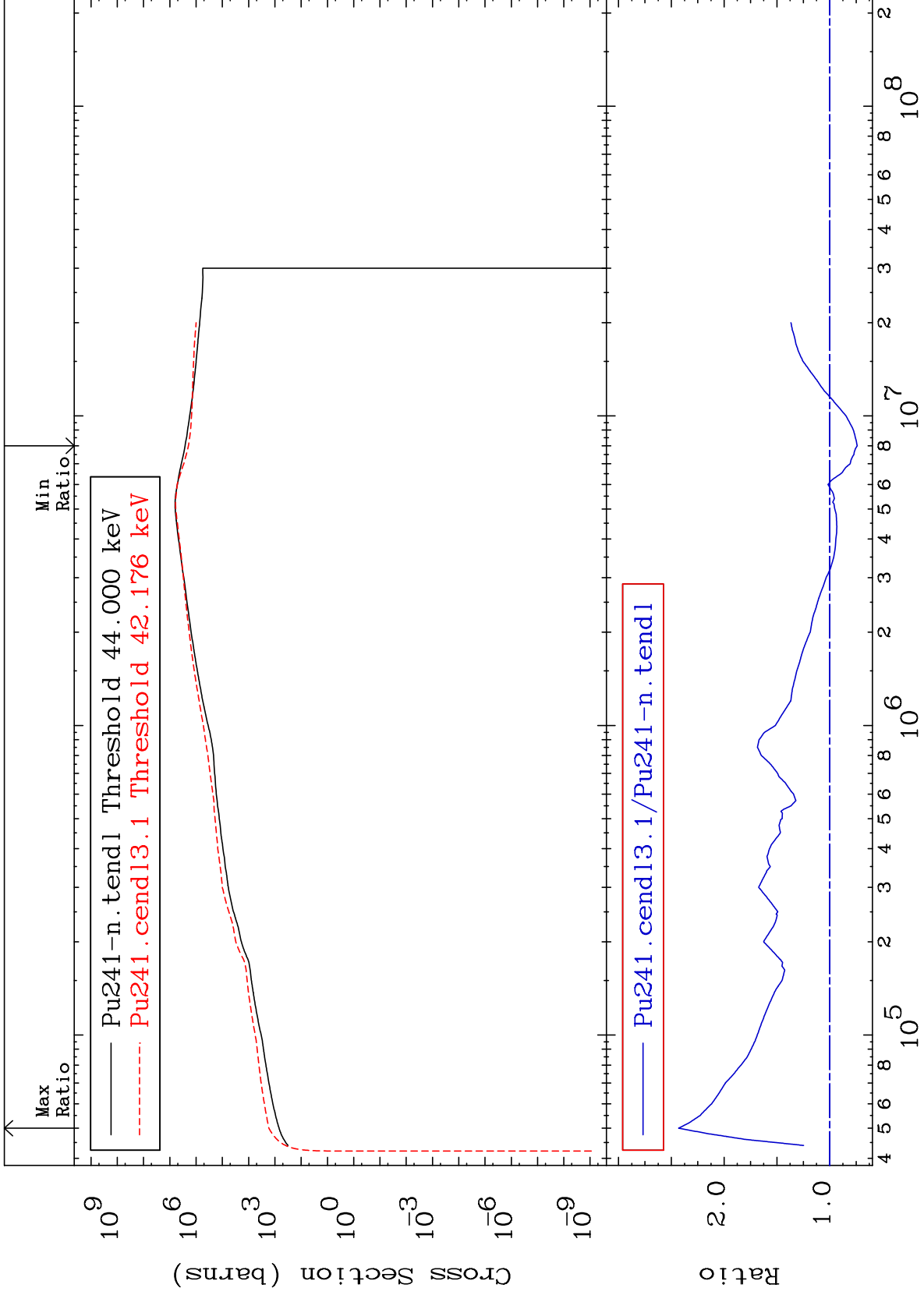


94-Pu-241

MAT 9443

Kerma inelastic (mt51-91)  
Cross Section

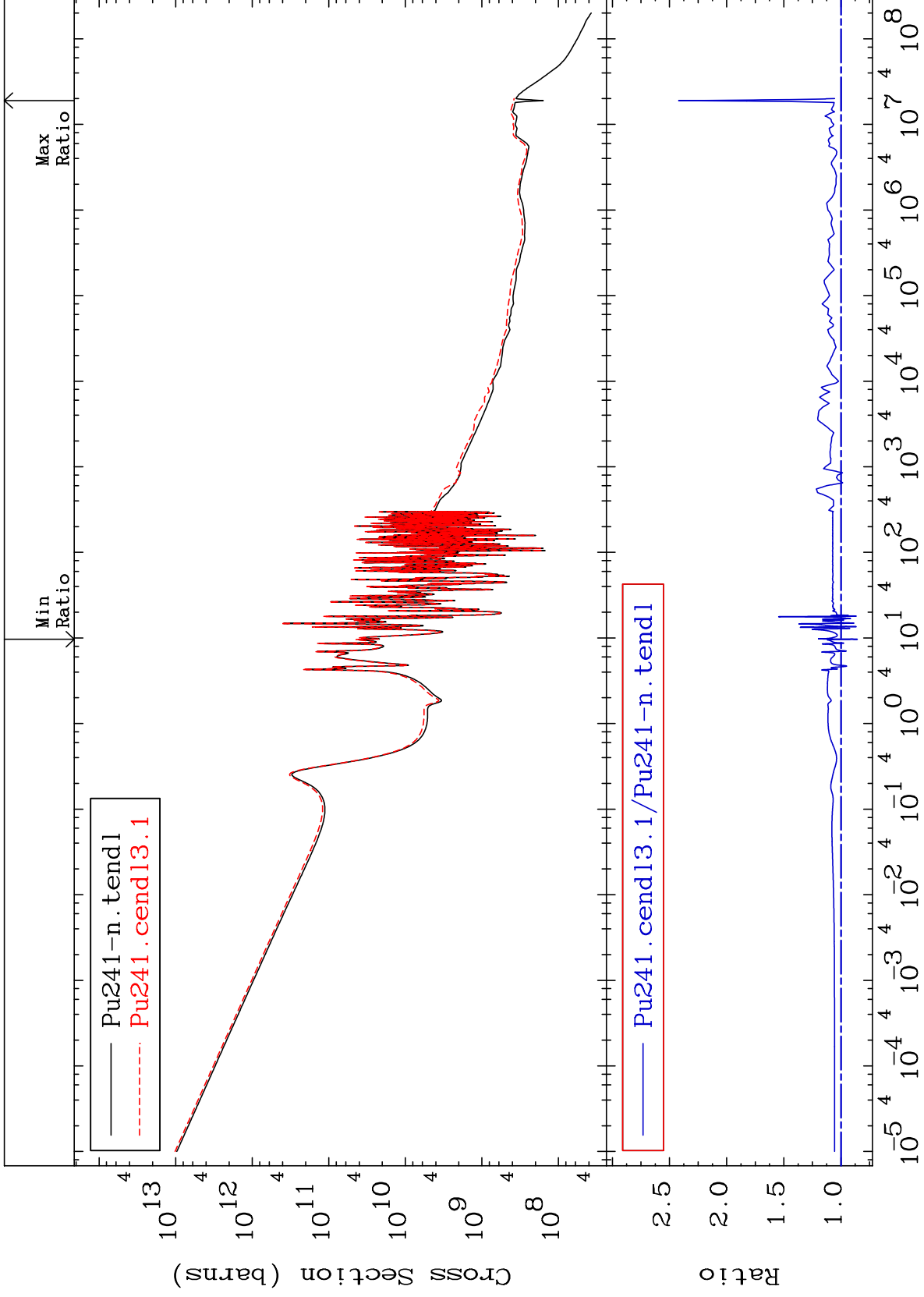
94-Pu-241  
-26.04 To 143.1 %



MAT 9443

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

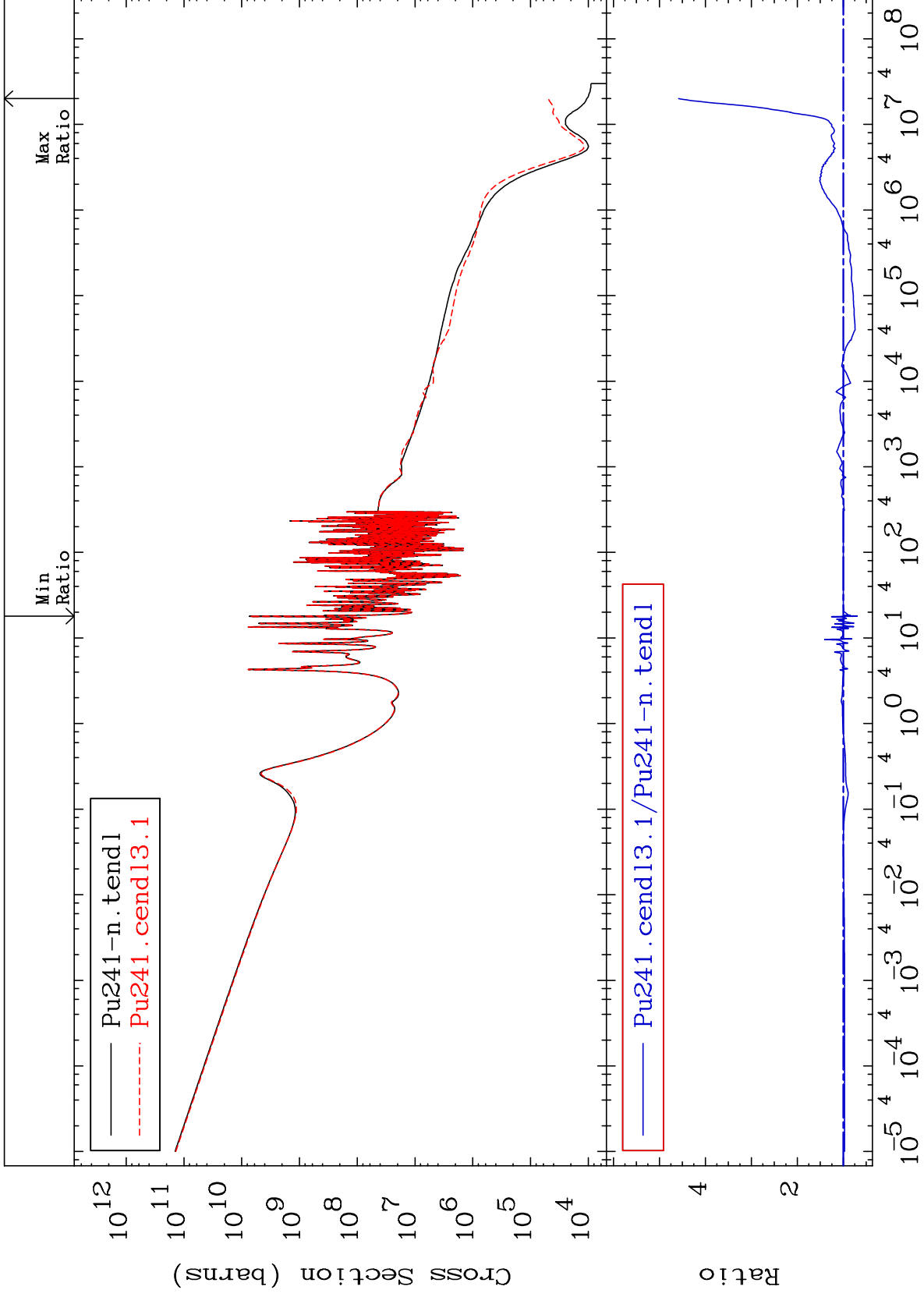
94-Pu-241  
-14.26 To 142.0 %



MAT 9443

Kerma capture (mt102)  
Cross Section

94-Pu-241  
-30.39 To 358.2 %



43

Incident Energy (eV)

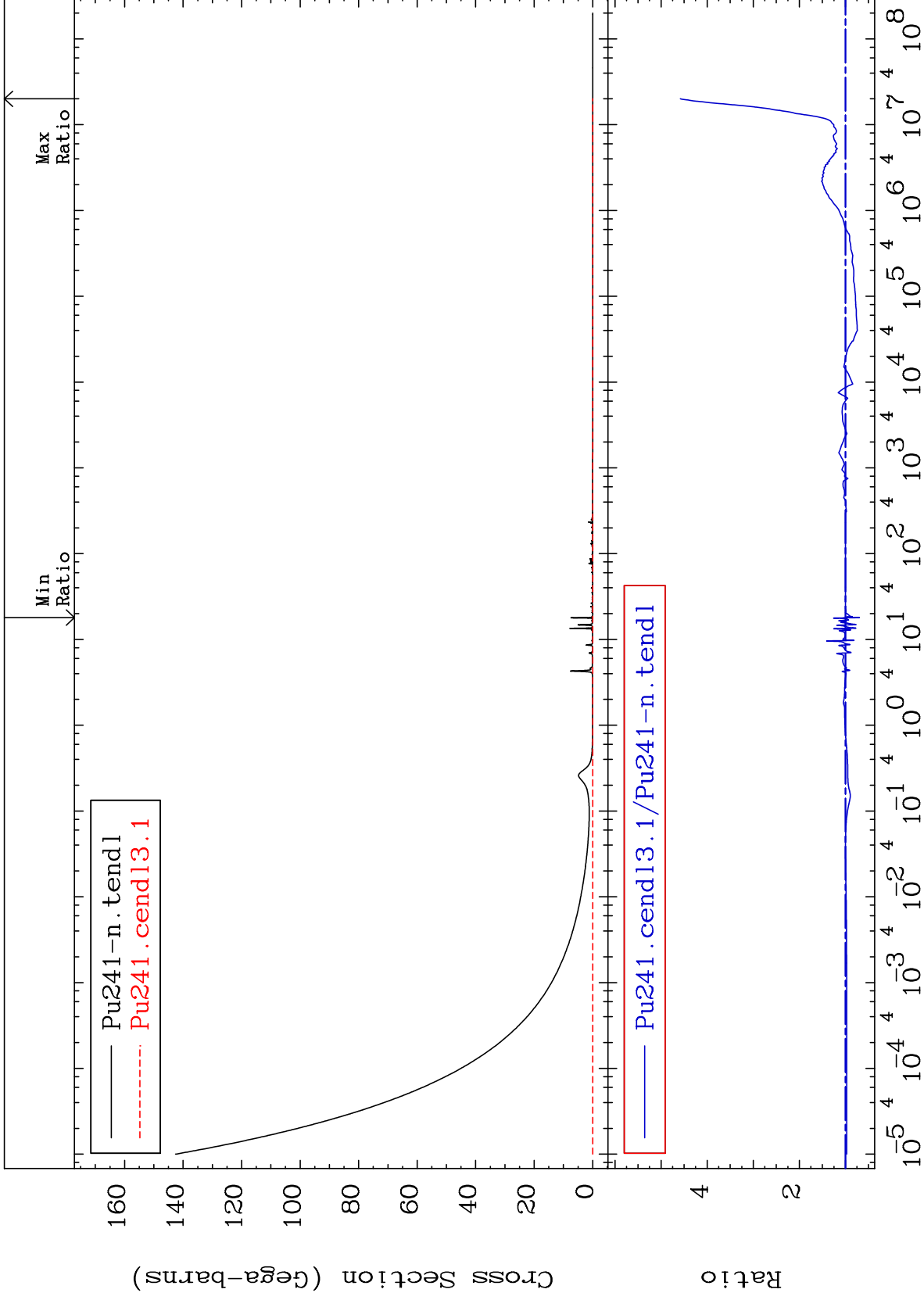
94-Pu-241



MAT 9443

Total photon (eV-barns)  
Cross Section

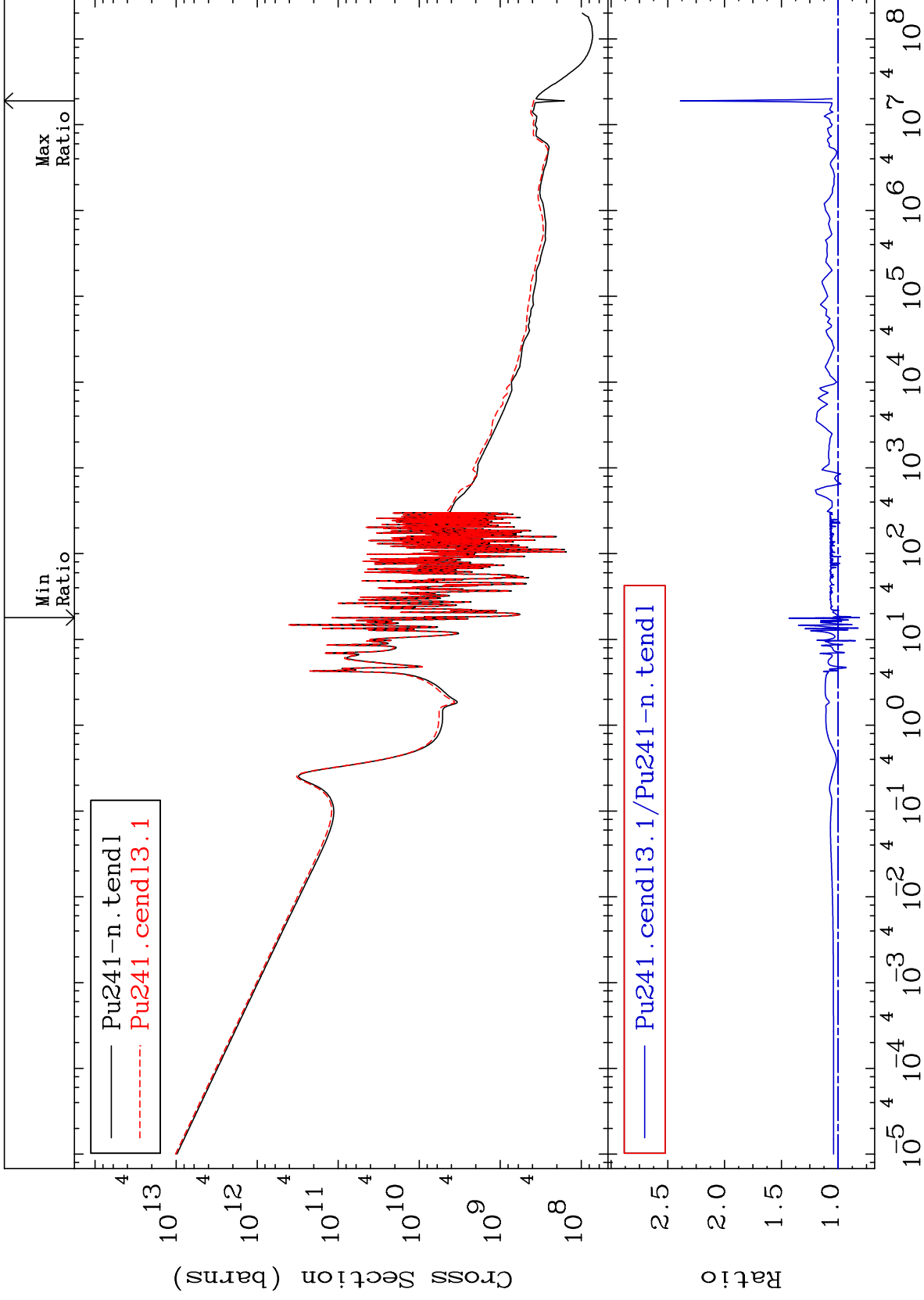
94-Pu-241  
-30.39 To 358.2 %



MAT 9443

Total kinematic kerma (high limit)  
Cross Section

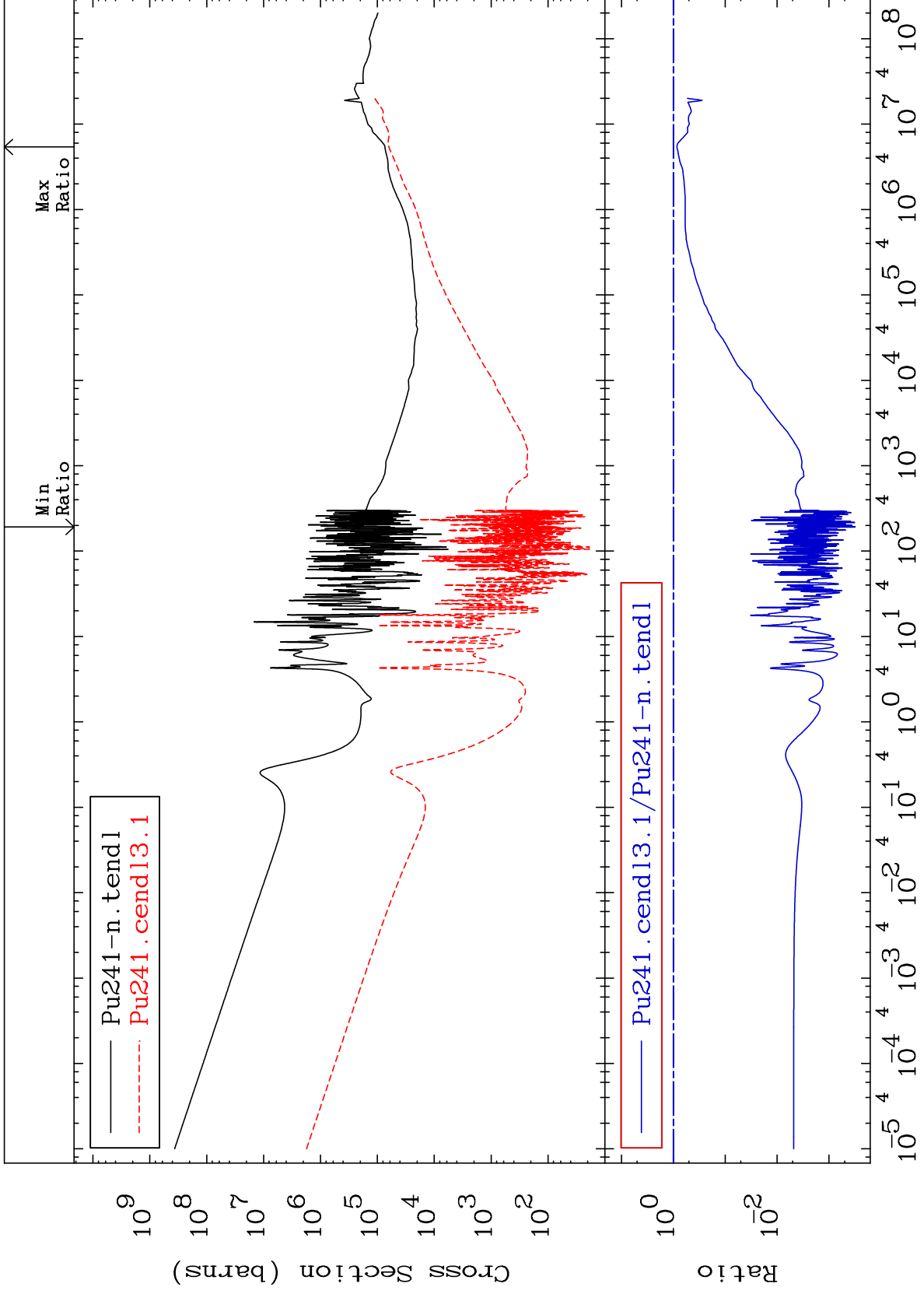
94-Pu-241  
-18.74 To 138.9 %



MAT 9443

Dpa total (eV-barns)  
Cross Section

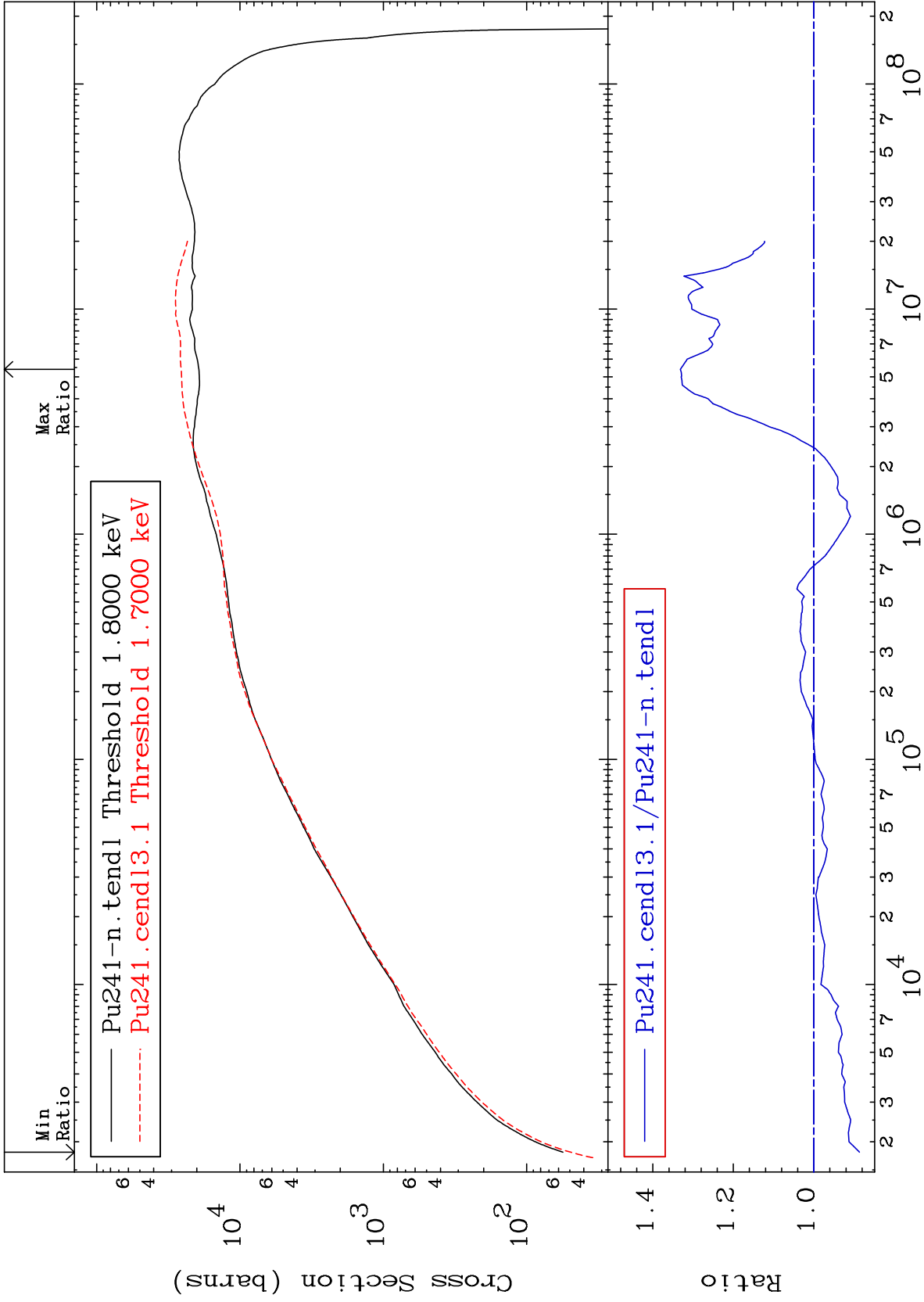
94-Pu-241  
-99.97 To -14.71%



MAT 9443

Dpa elastic (mt2)  
Cross Section

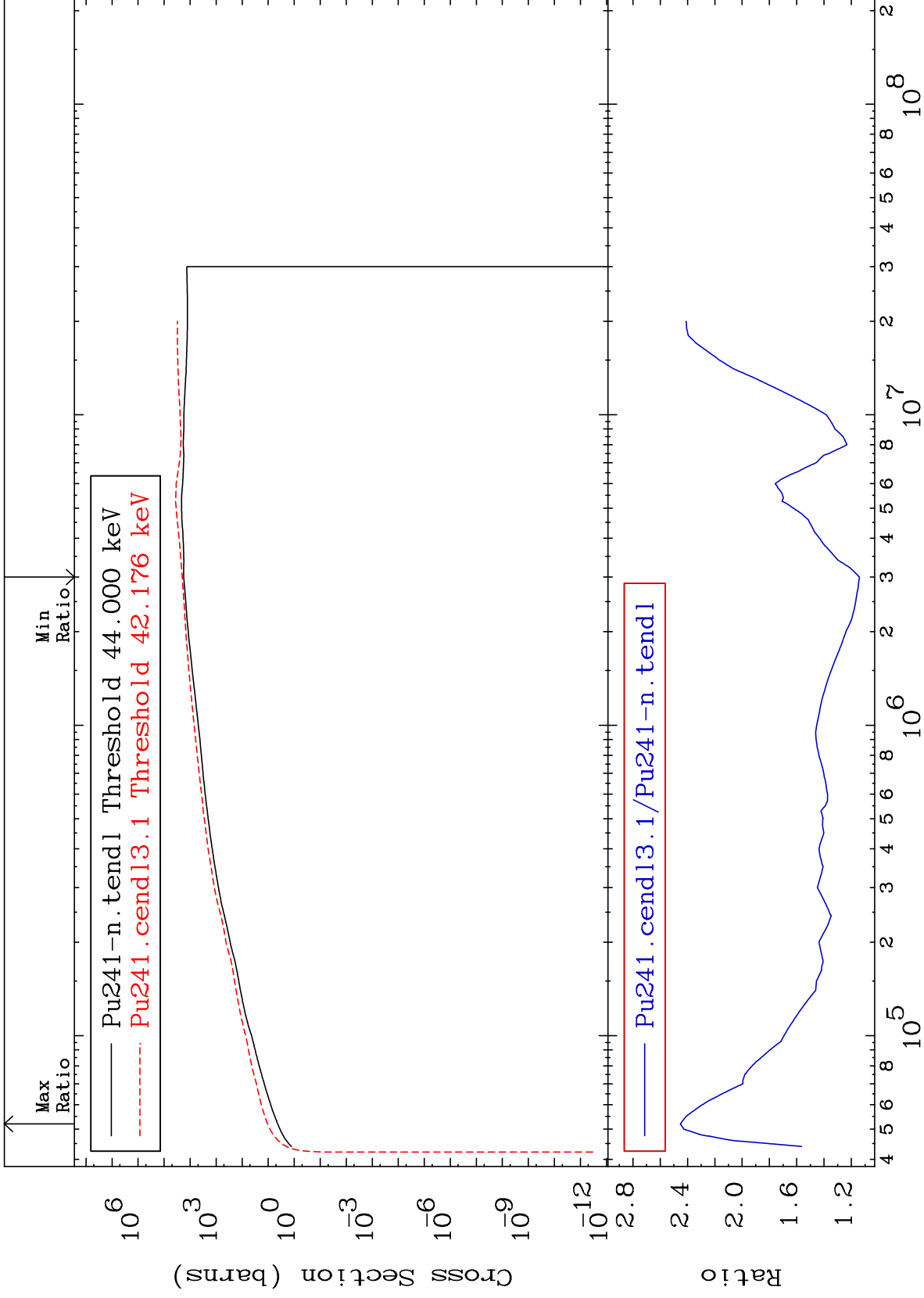
94-Pu-241  
-11.33 To 33.17 %



MAT 9443

Dpa inelastic (mt51-91)  
Cross Section

94-Pu-241  
14.09 To 145.2 %



MAT 9443

Dpa disappearance (mt102 -120)  
Cross Section

94-Pu-241  
735.9 To 9999. %

