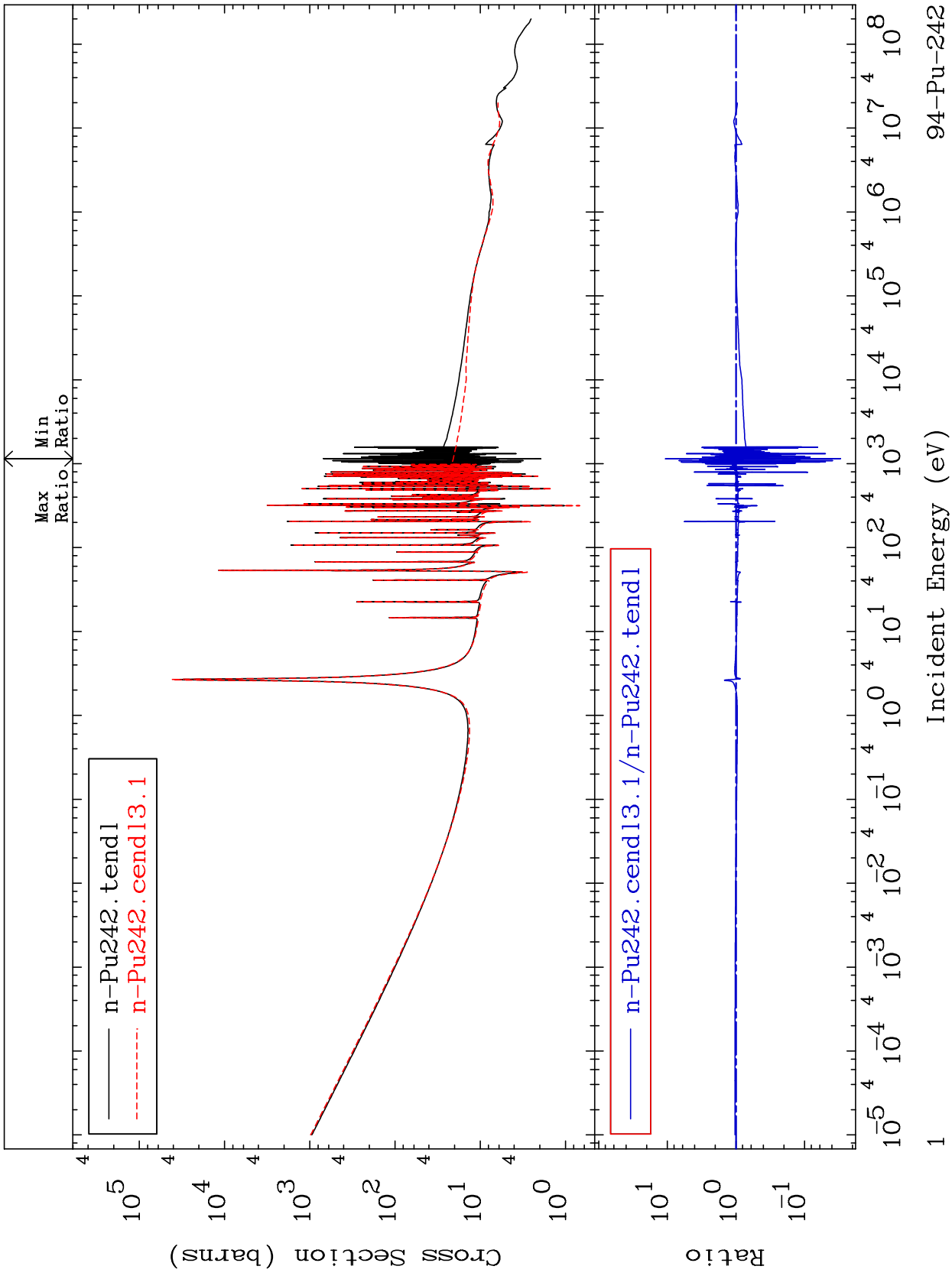


MAT 9446

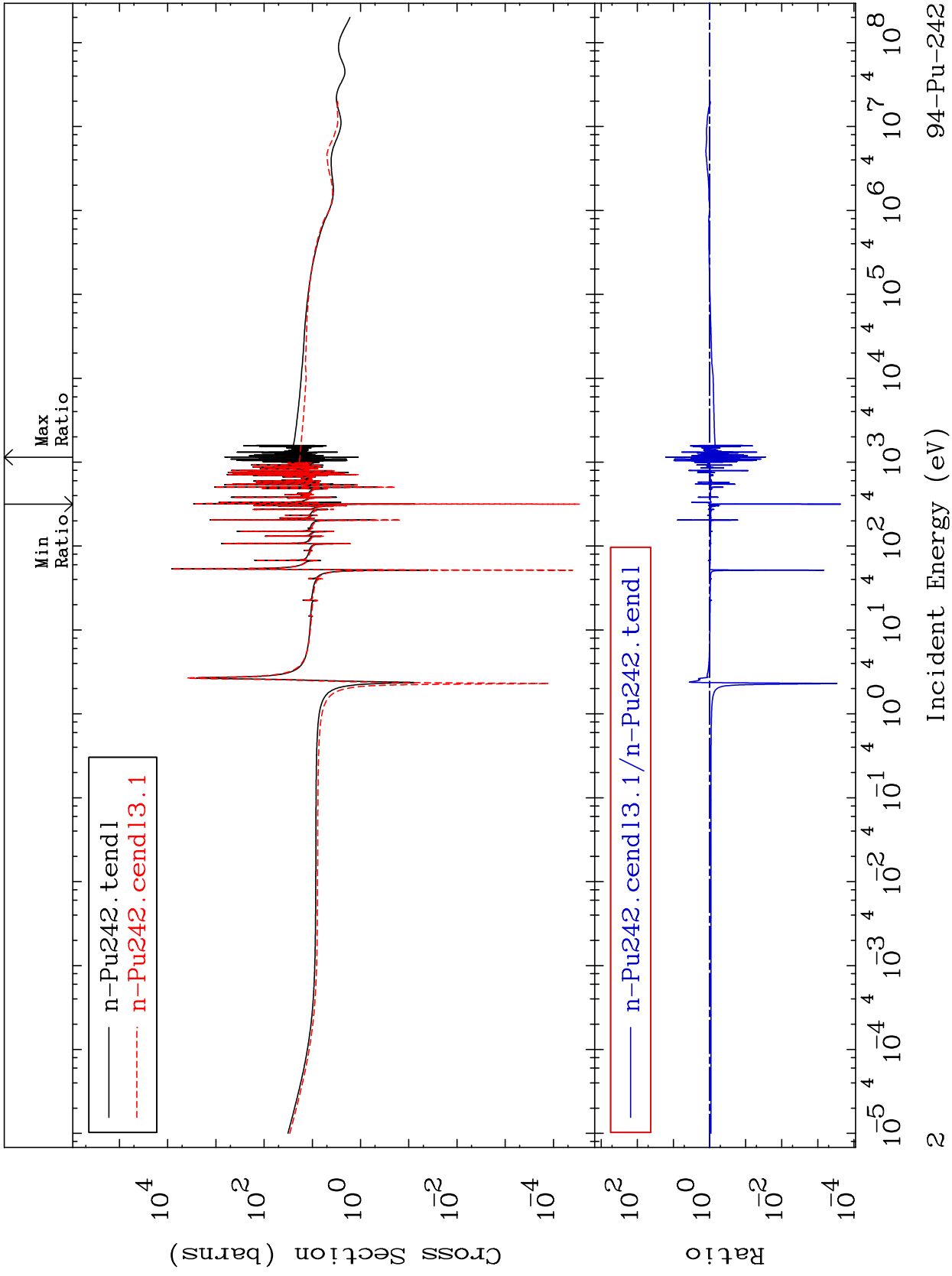
Total Cross Section  
94-Pu-242  
-97.02 To 963.7 %



94-Pu-242

MAT 9446

Elastic Cross Section  
94-Pu-242  
-99.98 To 1551. %



94-Pu-242

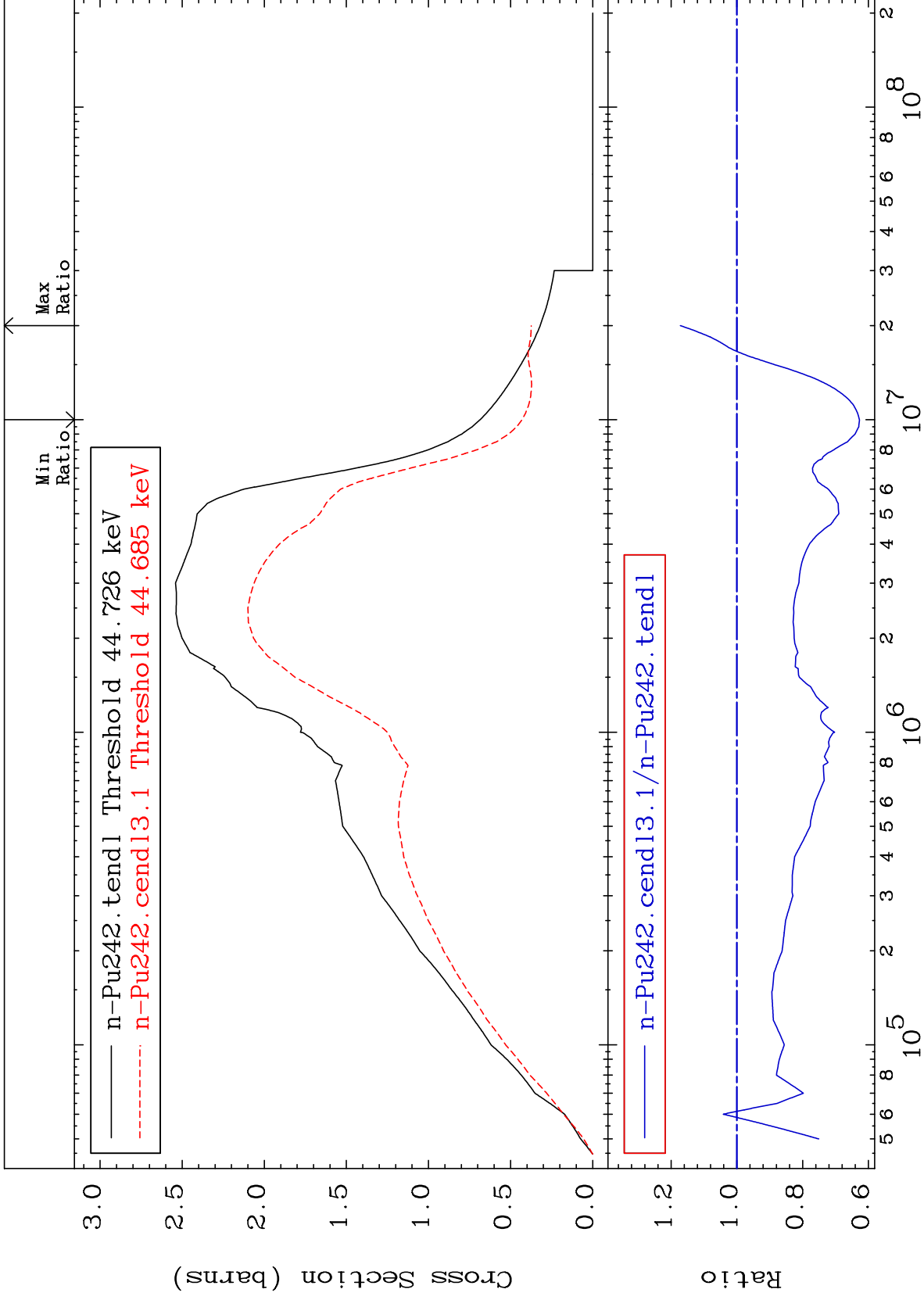
Incident Energy (eV)

2

MAT 9446

Inelastic  
Cross Section

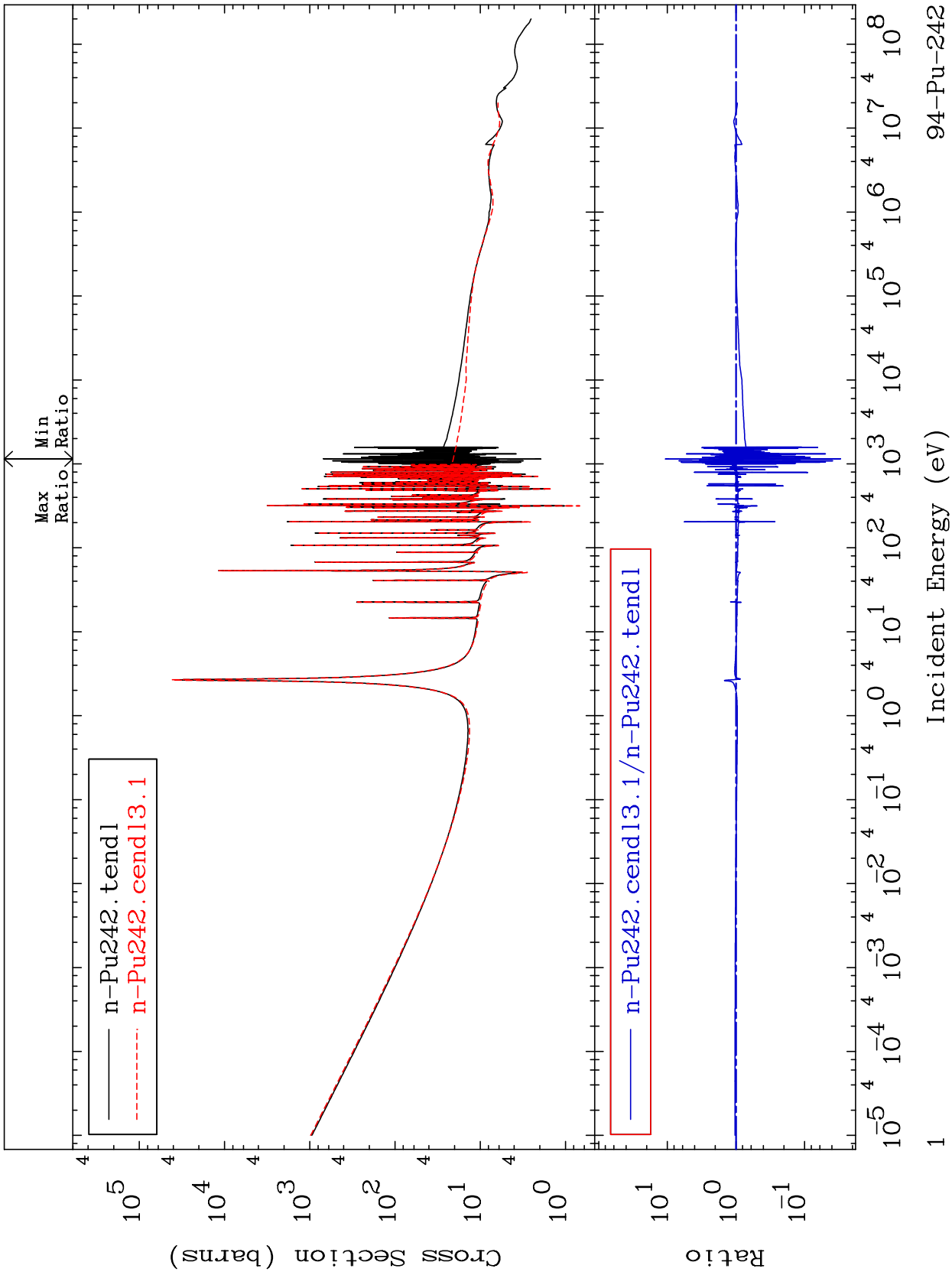
94-Pu-242  
-37.26 To 17.18 %



MAT 9446

Total  
Cross Section

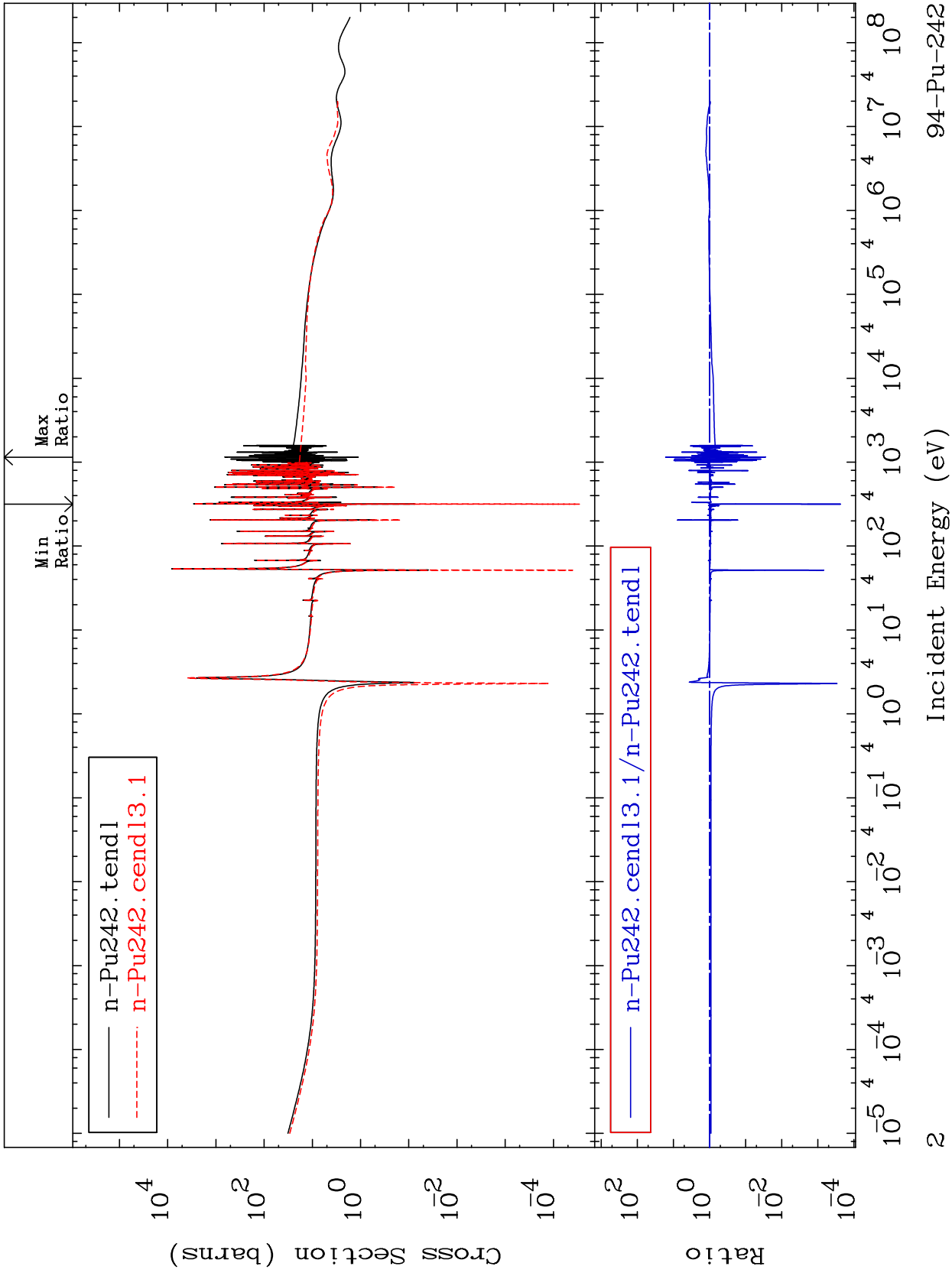
94-Pu-242  
-97.02 To 963.7 %



94-Pu-242

MAT 9446

Elastic  
Cross Section  
94-Pu-242  
-99.98 To 1551. %



94-Pu-242

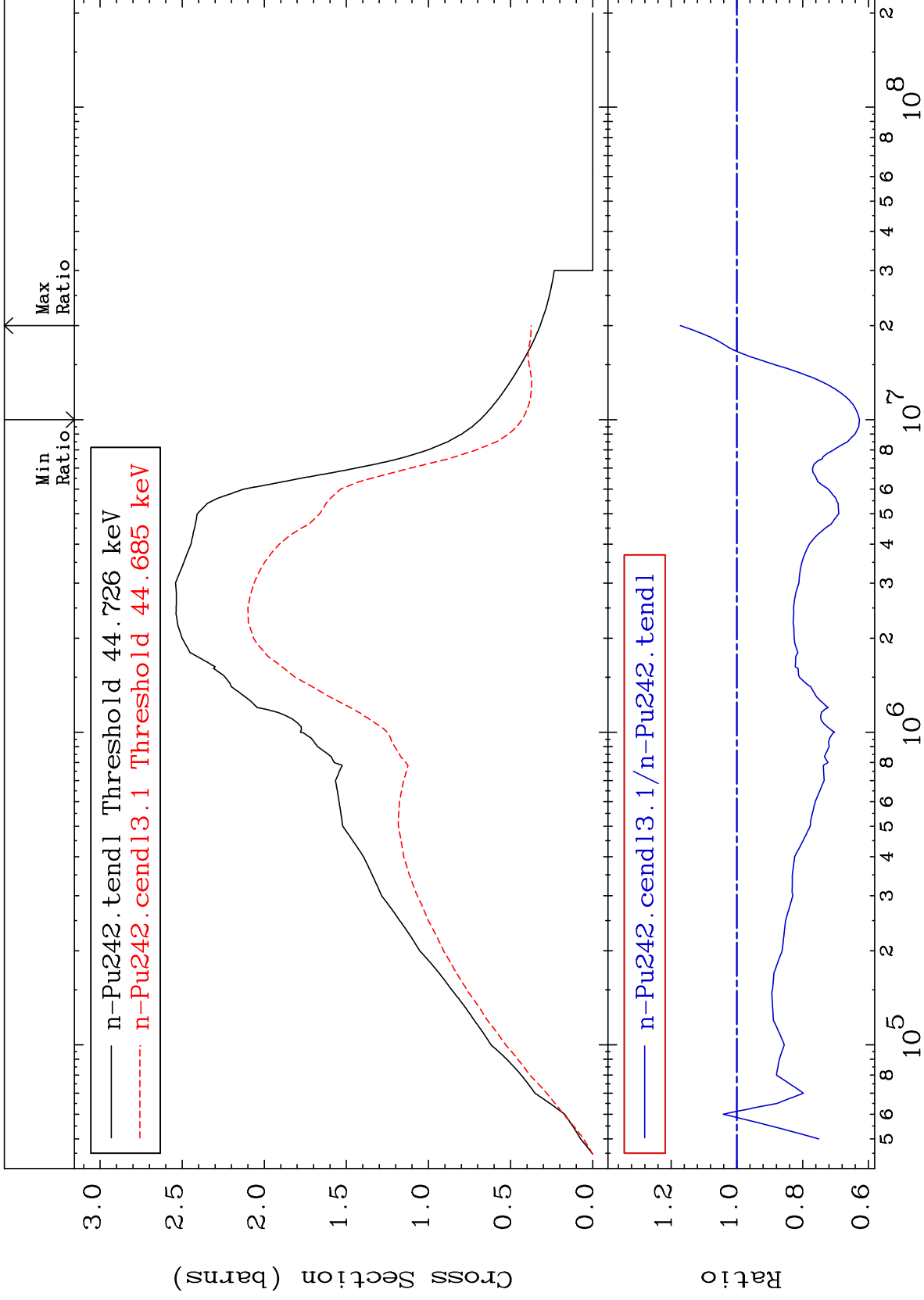
Incident Energy (eV)

2

MAT 9446

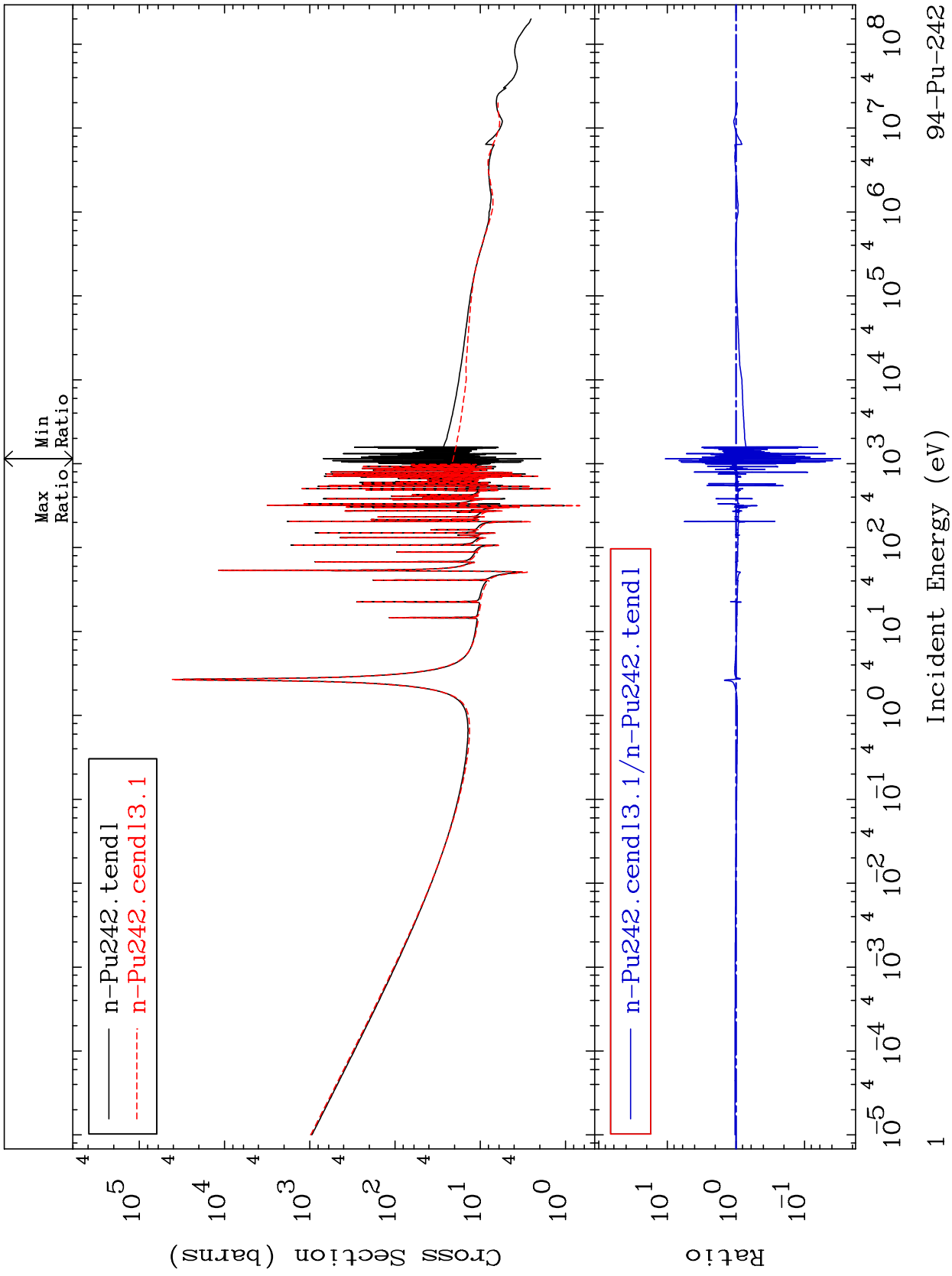
Inelastic  
Cross Section

94-Pu-242  
-37.26 To 17.18 %



MAT 9446

Total Cross Section  
94-Pu-242  
-97.02 To 963.7 %



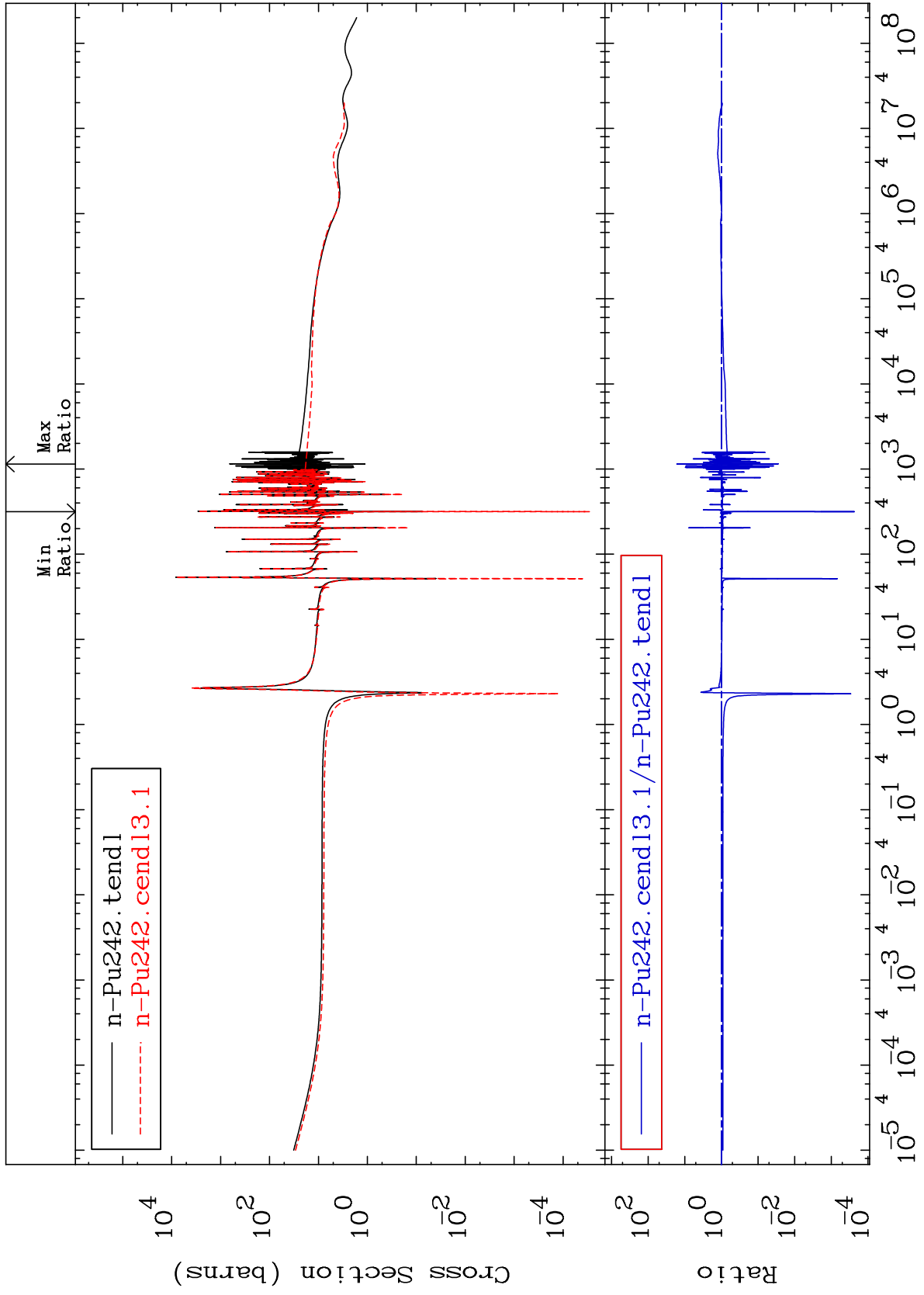
MAT 9446

Elastic

94-Pu-242

Cross Section

-99.98 To 1551. %



2

Incident Energy (eV)

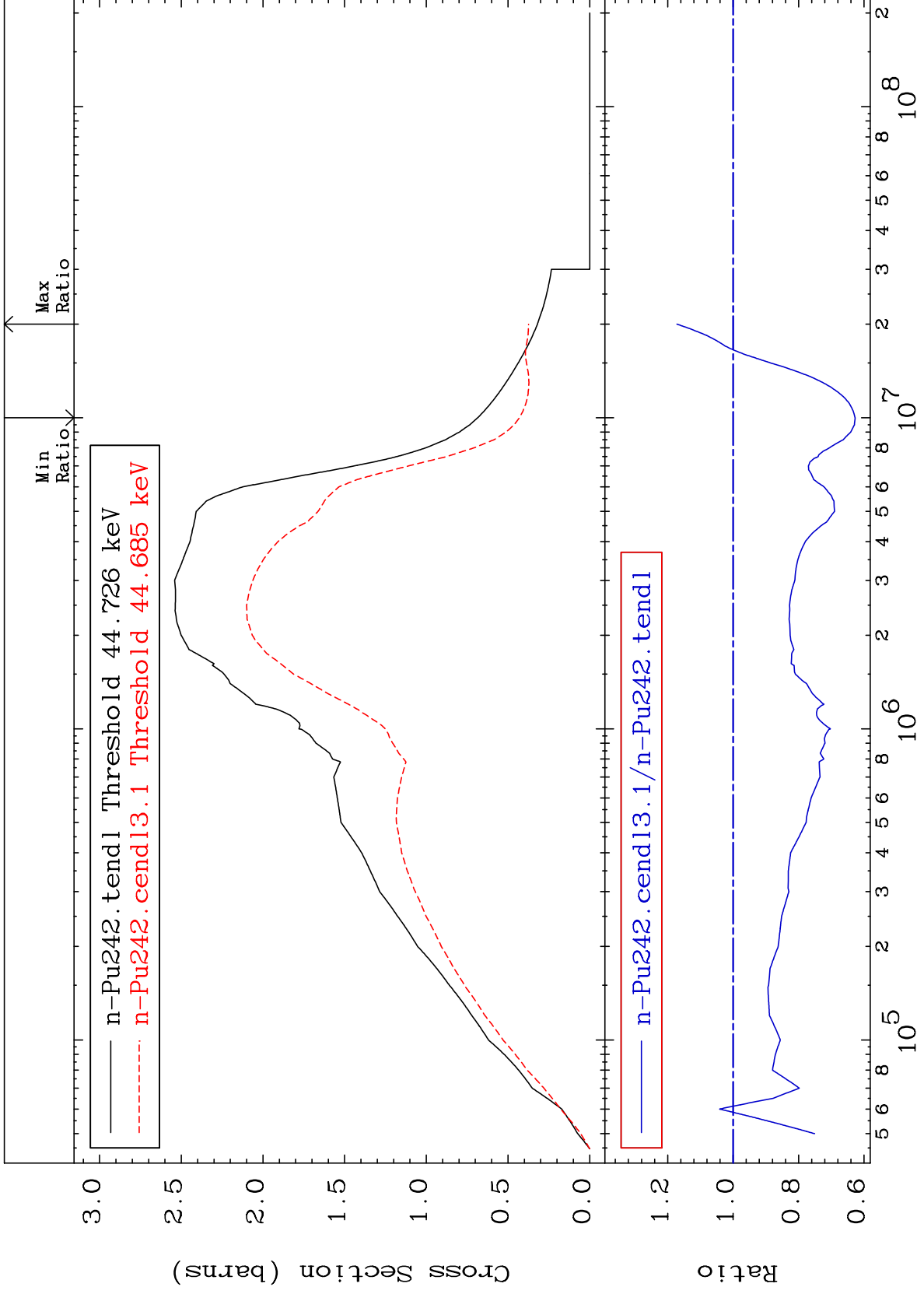
94-Pu-242



MAT 9446

Inelastic  
Cross Section

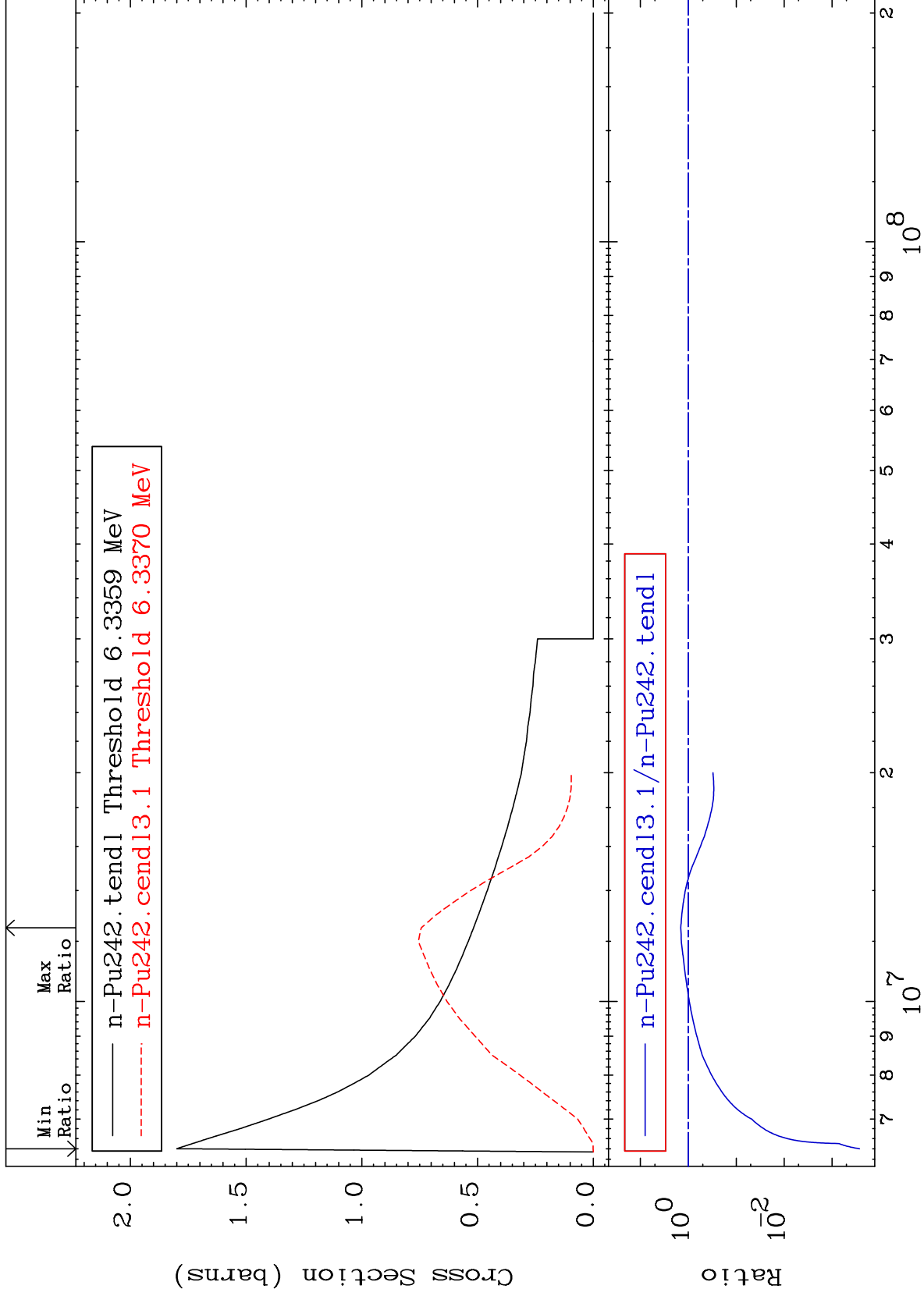
94-Pu-242  
-37.26 To 17.18 %



MAT 9446

(n,2n)  
Cross Section

94-Pu-242  
-99.97 To 43.68 %



4

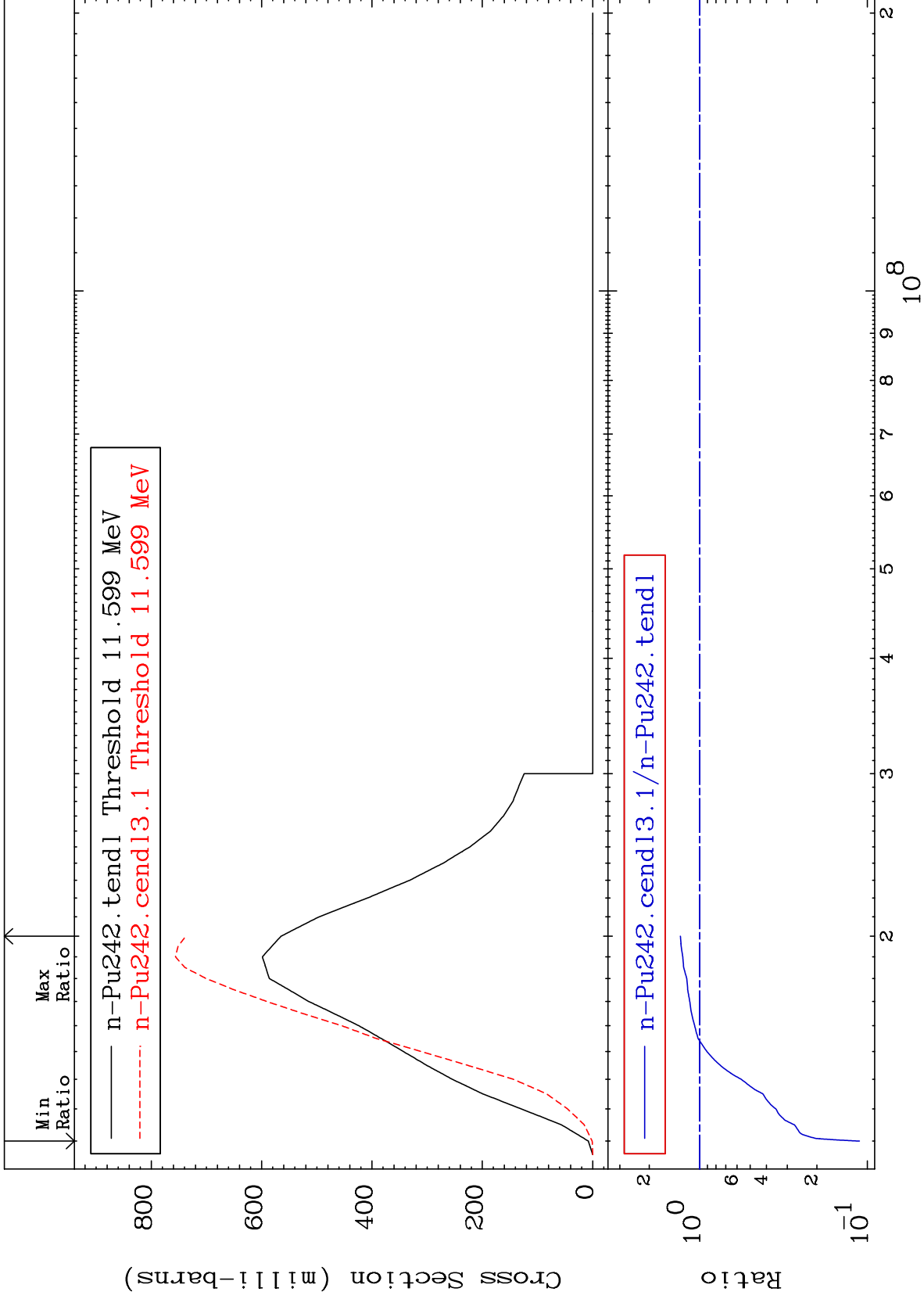
Incident Energy (eV)

94-Pu-242

MAT 9446

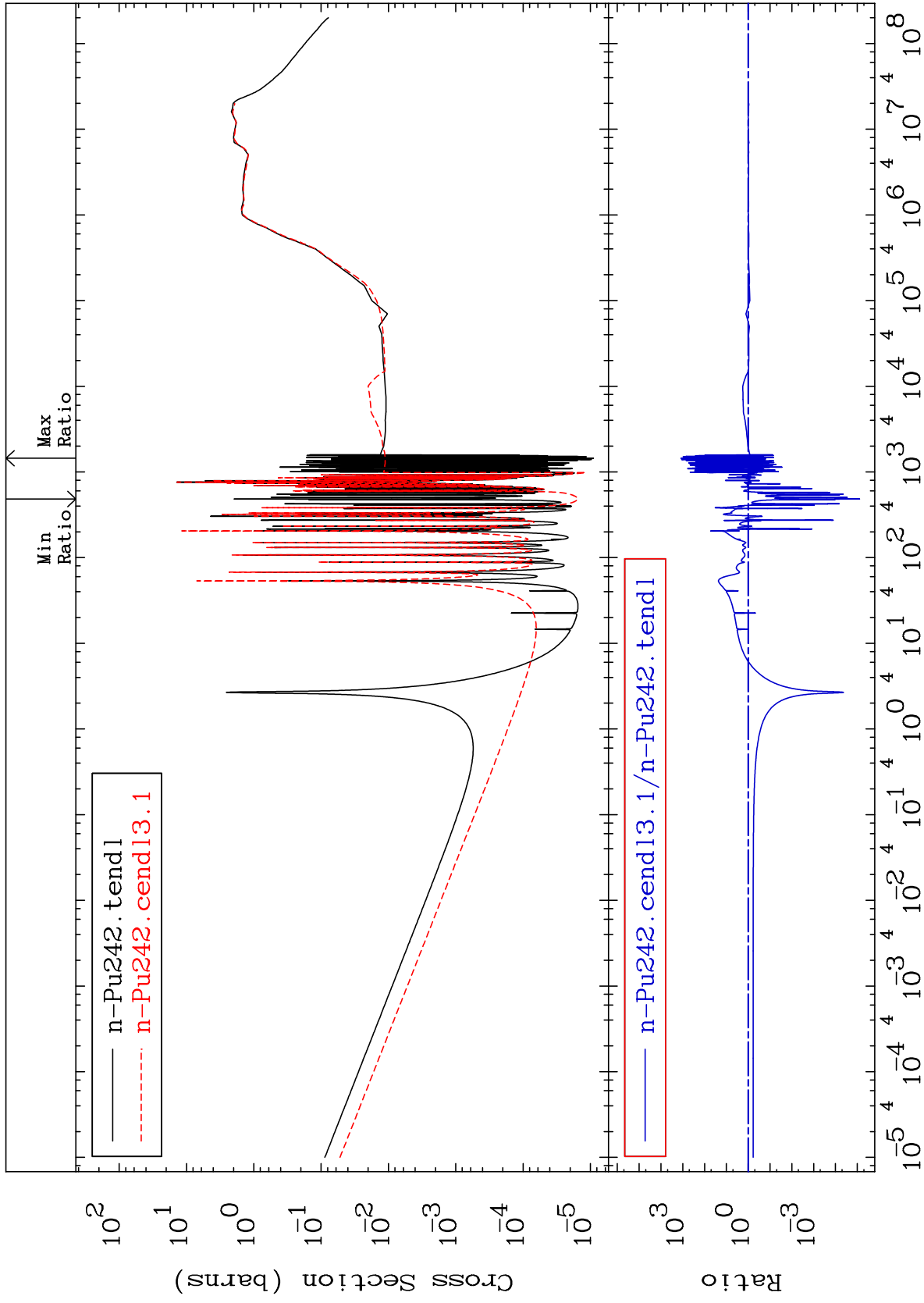
(n,3n)  
Cross Section

94-Pu-242  
-88.86 To 30.57 %



MAT 9446

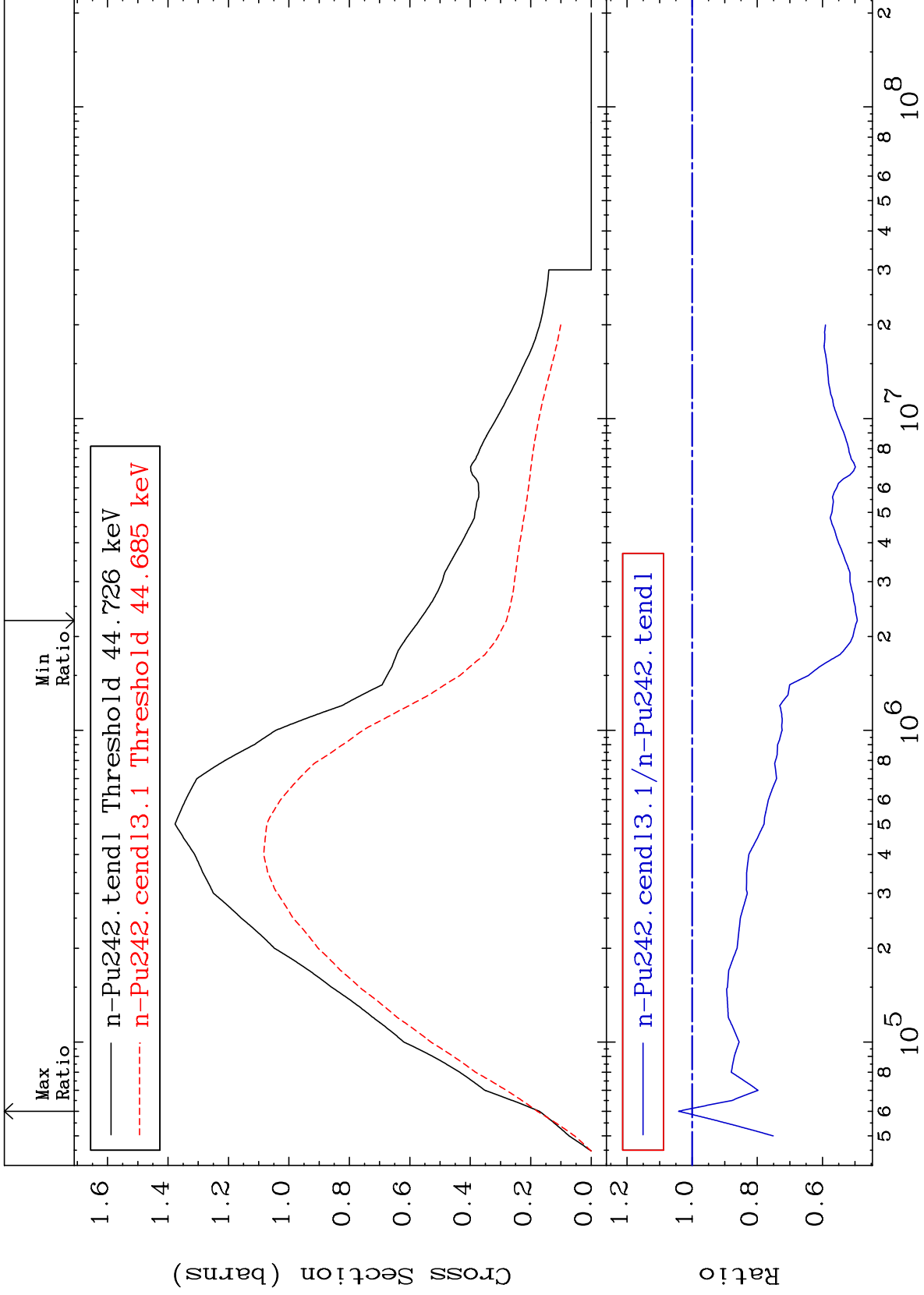
Fission Cross Section 94-Pu-242  
-100.0 To 9999. %



MAT 9446

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

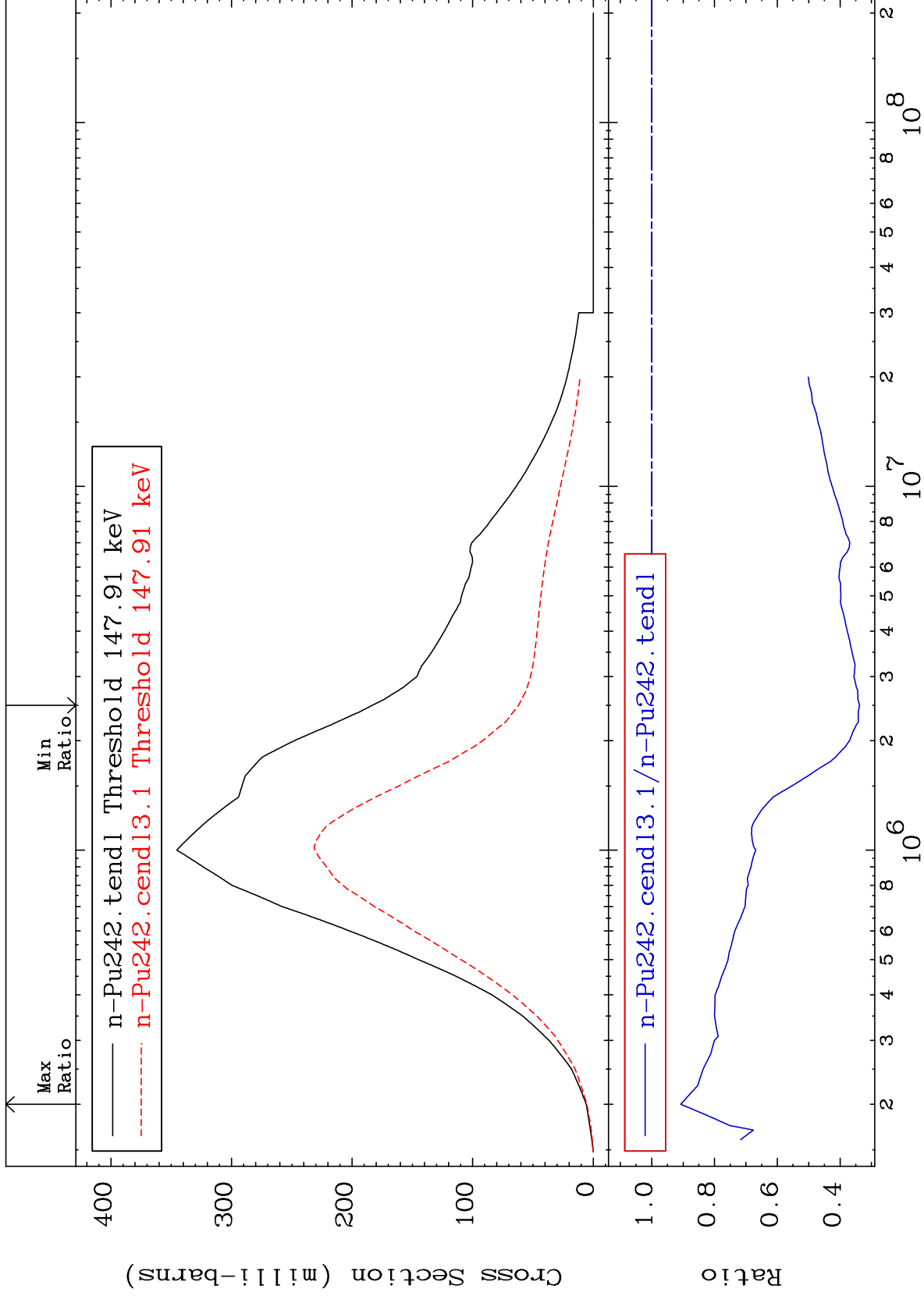
94-Pu-242  
-50.70 To 4.159 %



MAT 9446

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

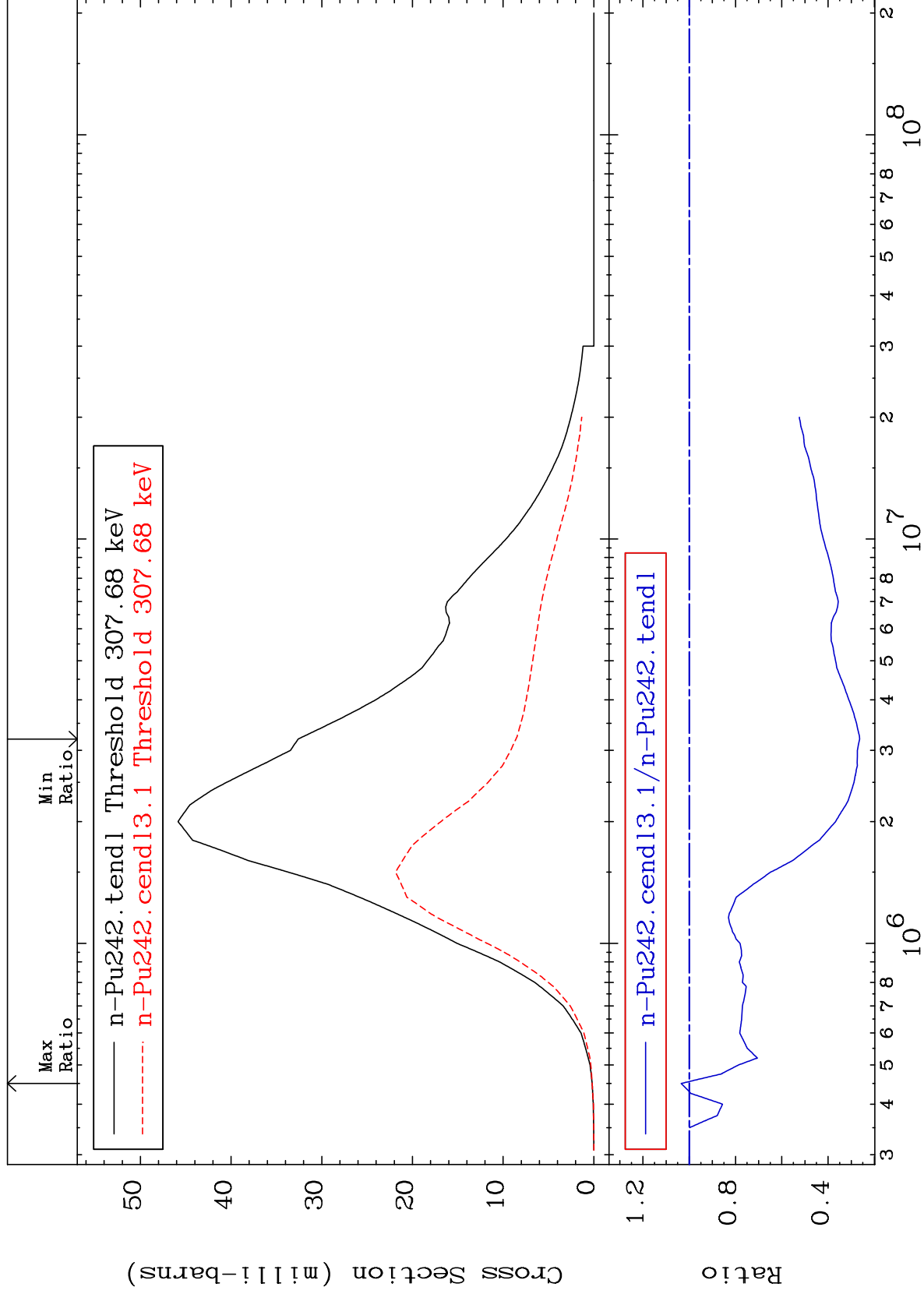
94-Pu-242  
-66.20 To -9.242%



MAT 9446

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

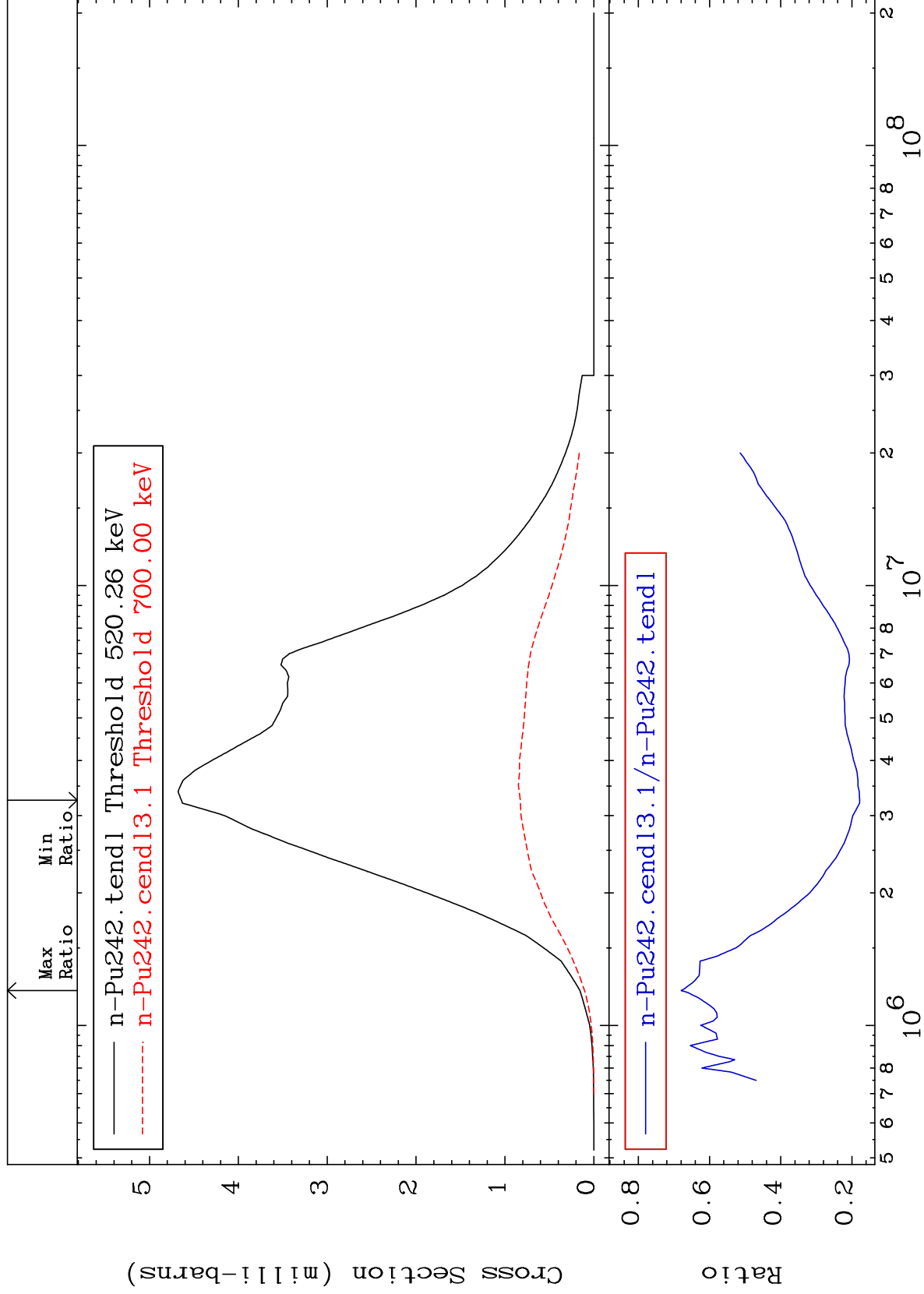
94-Pu-242  
-73.64 To 3.493 %



MAT 9446

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

94-Pu-242  
-82.19 To -32.03%



10

Incident Energy (eV)

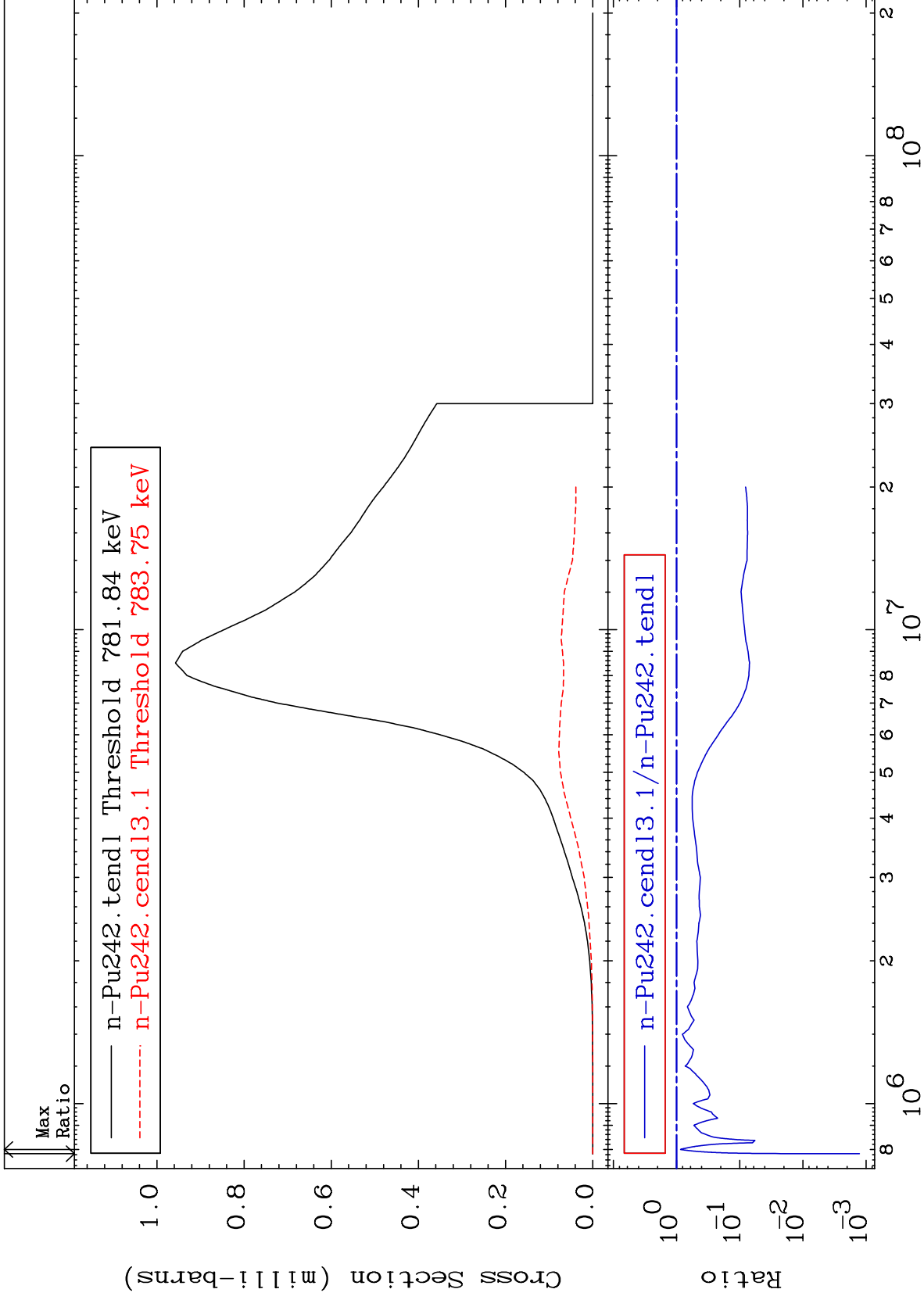
94-Pu-242



MAT 9446

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

94-Pu-242  
-99.87 To -12.99%



11

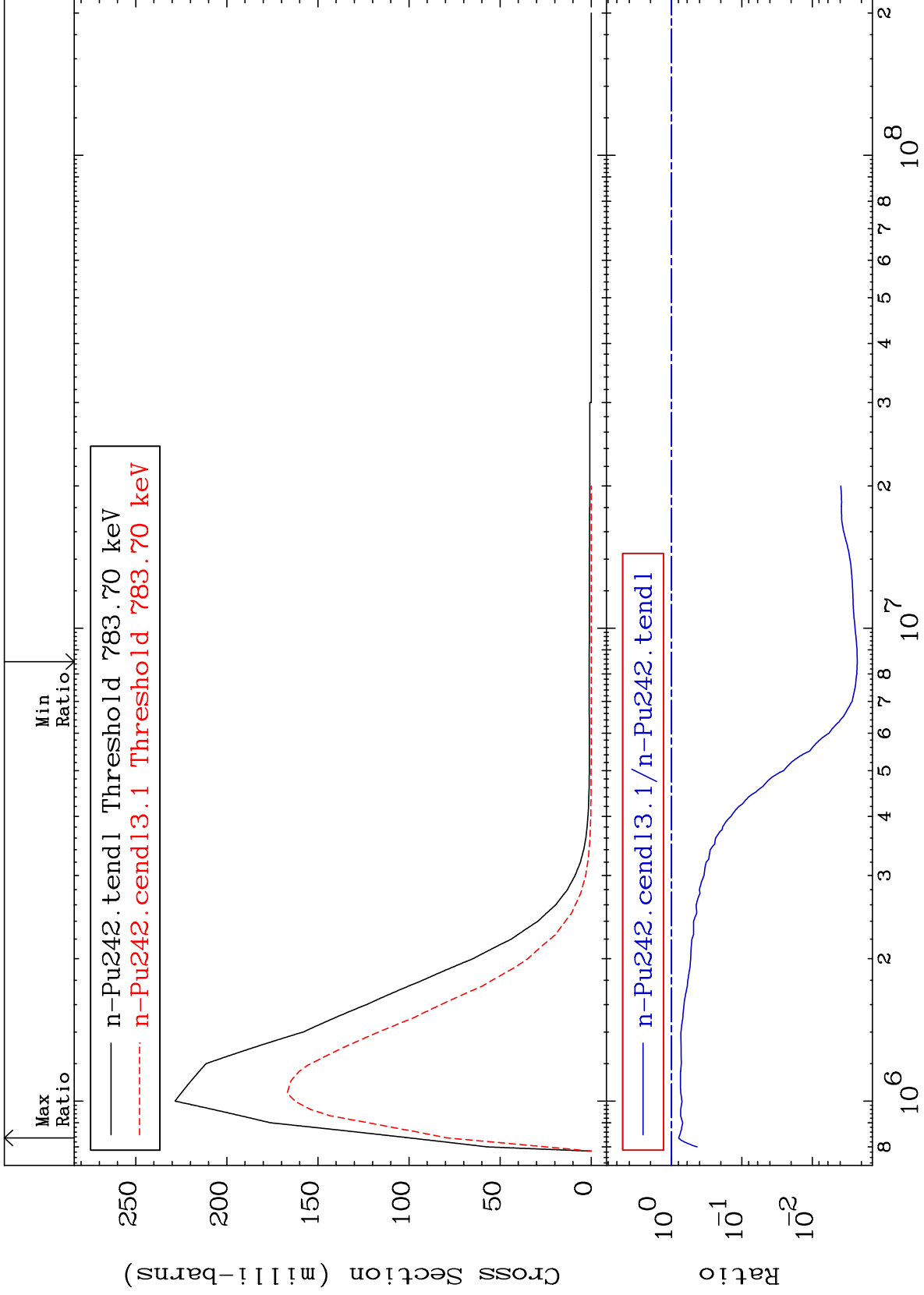
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-99.77 To -20.58%



12

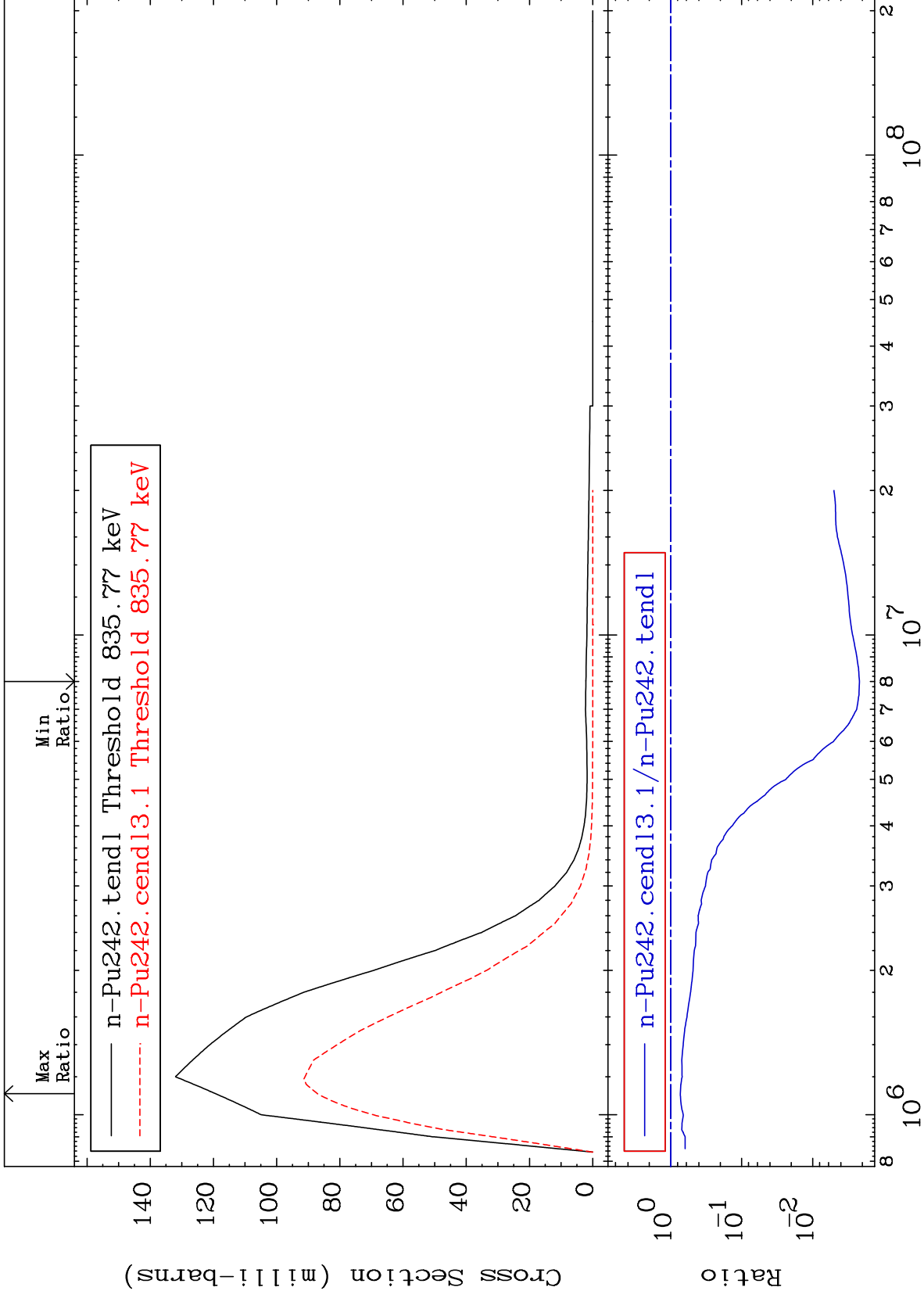
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-99.78 To -27.01%



13

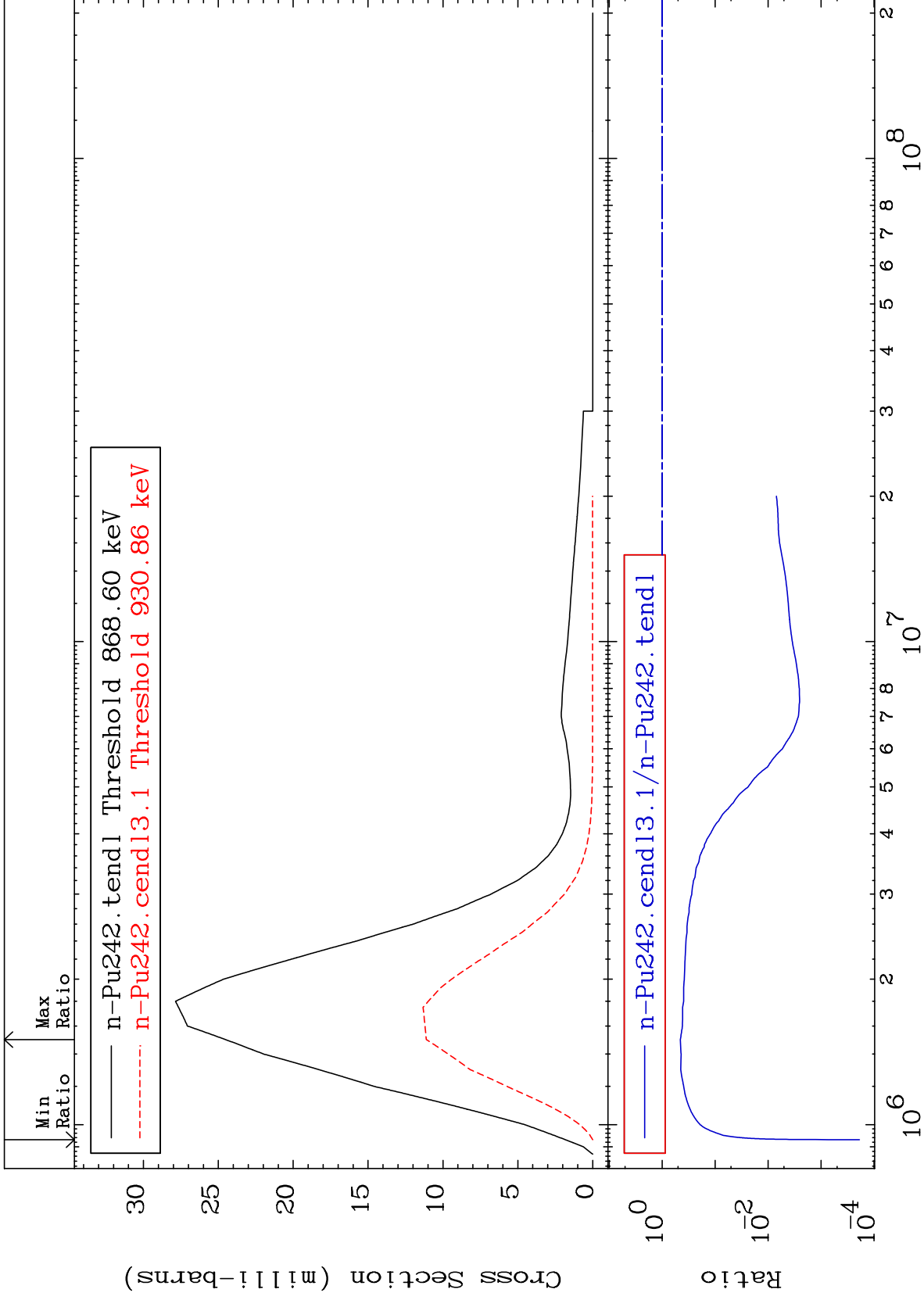
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-99.98 To -54.69%



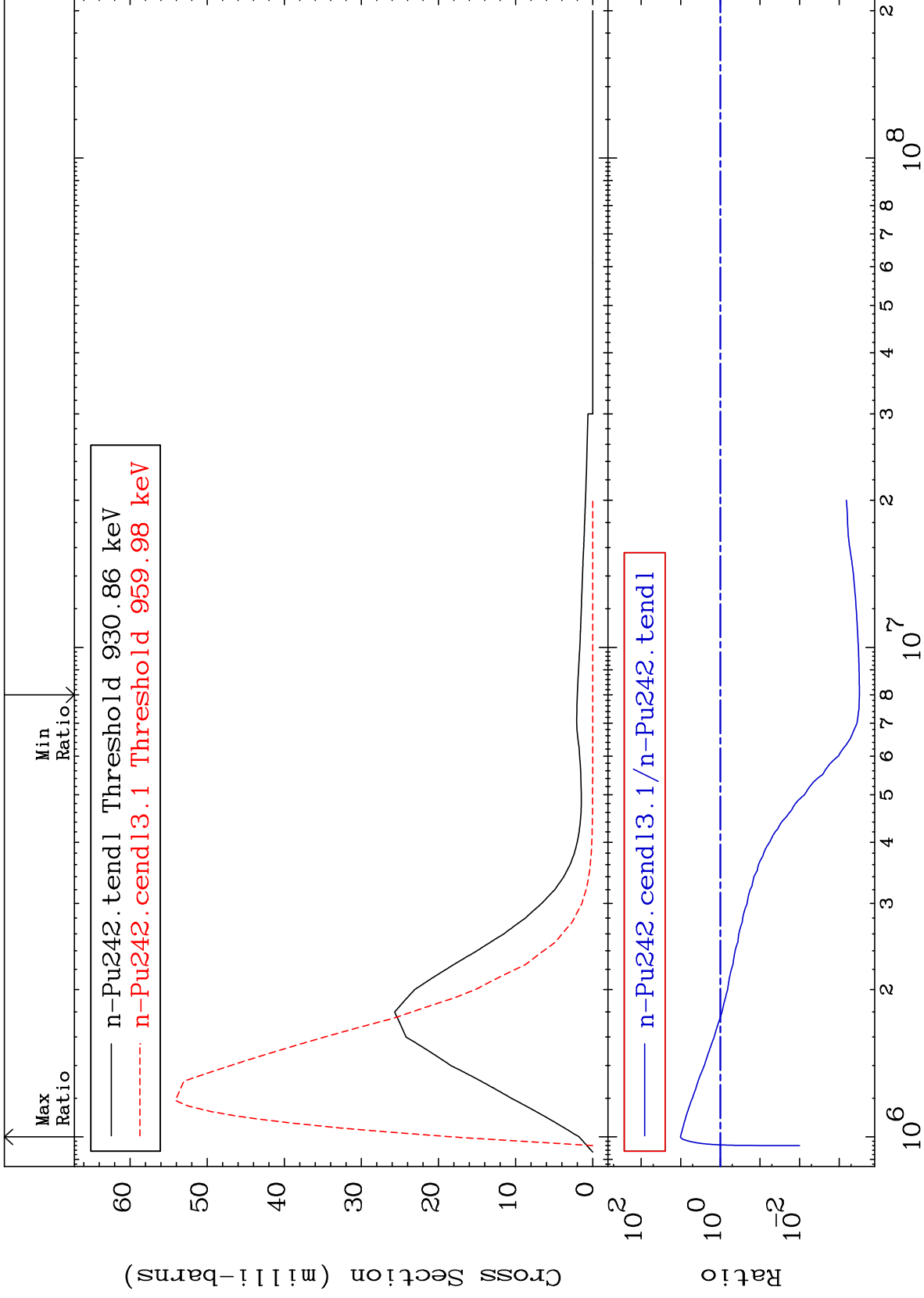
14

94-Pu-242

MAT 9446

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

94-Pu-242  
-99.97 To 925.5 %



15

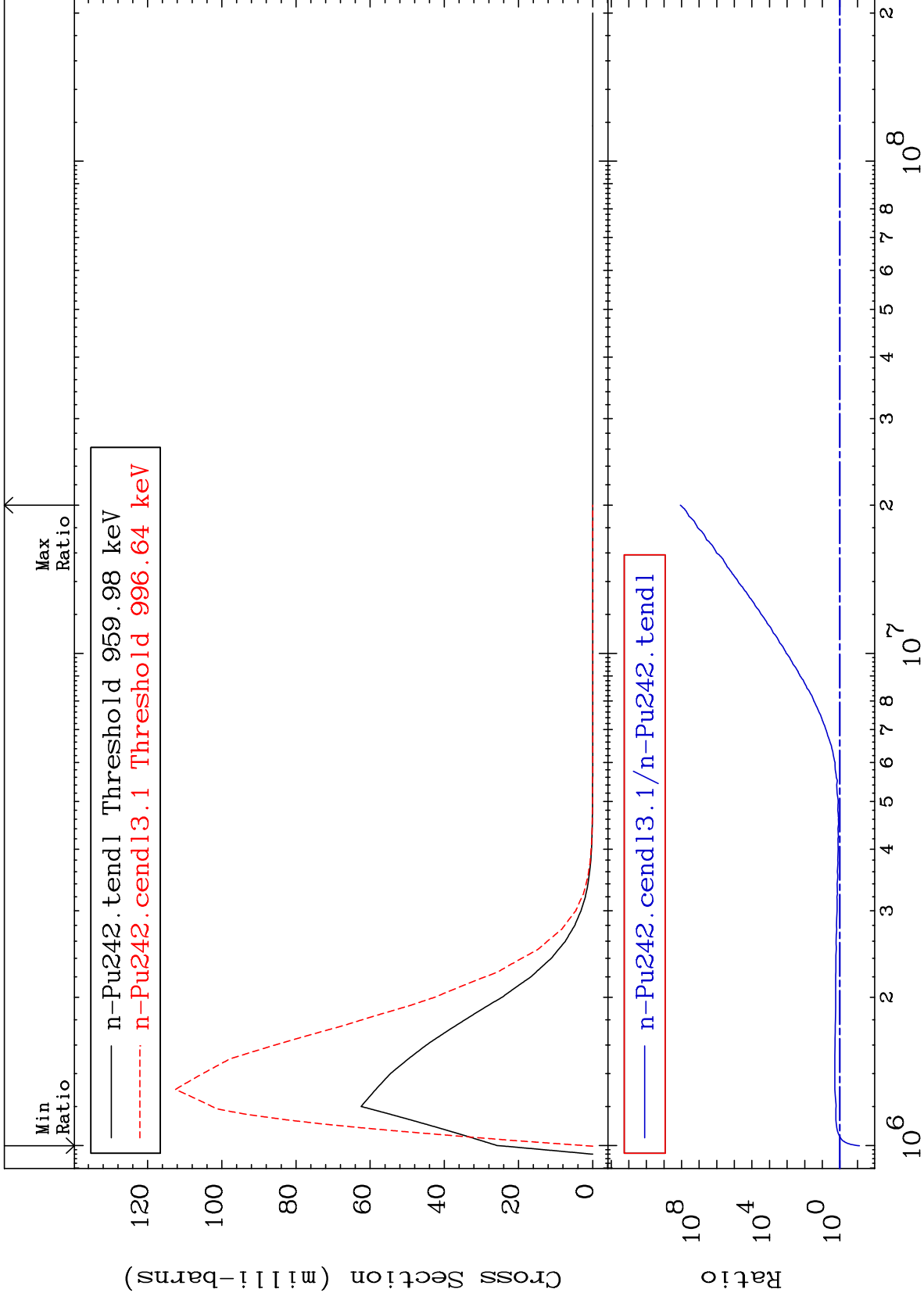
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-92.25 To 9999. %



16

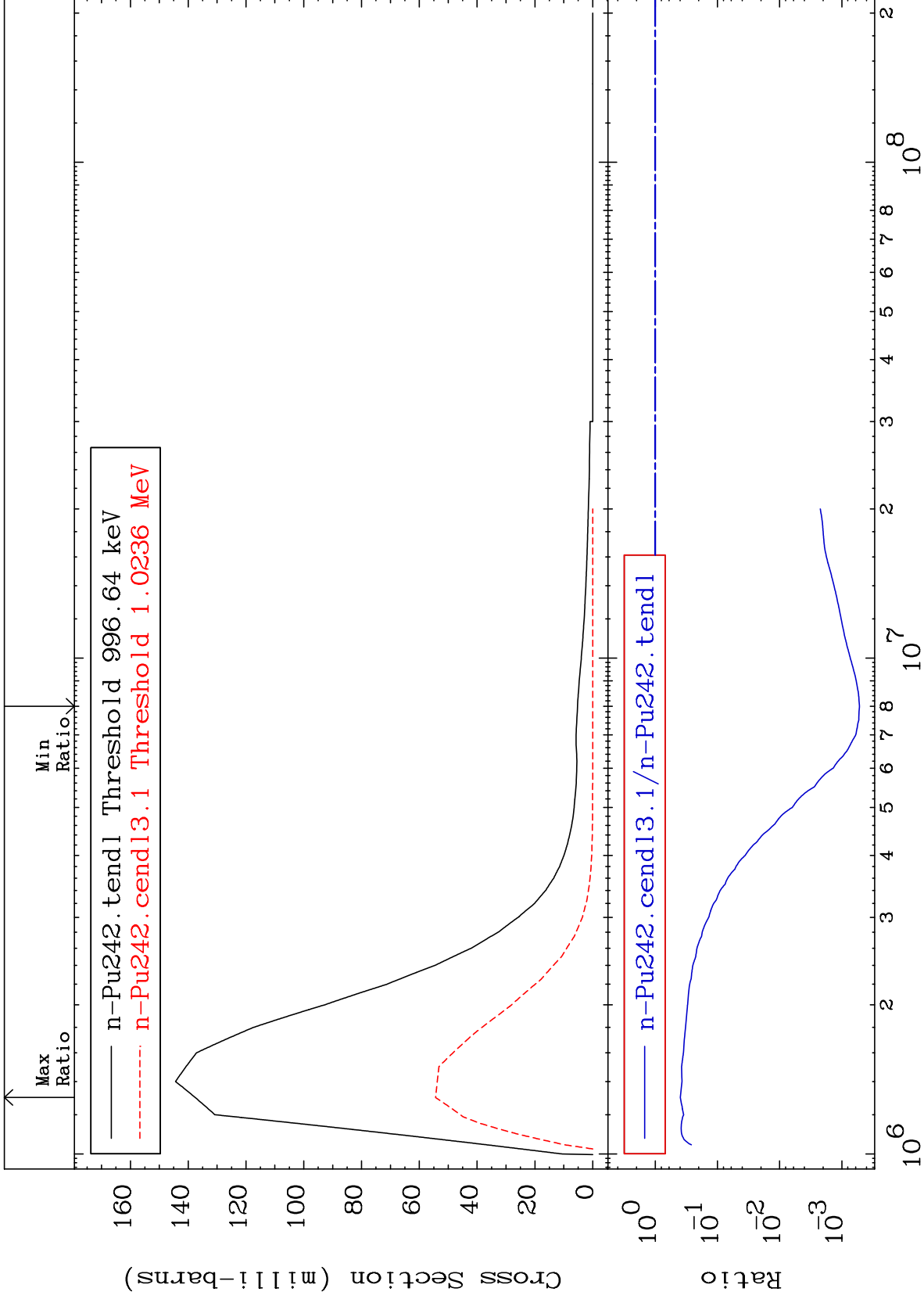
Incident Energy (eV)

94-Pu-242

MAT 9446

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

94-Pu-242  
-99.95 To -60.47%



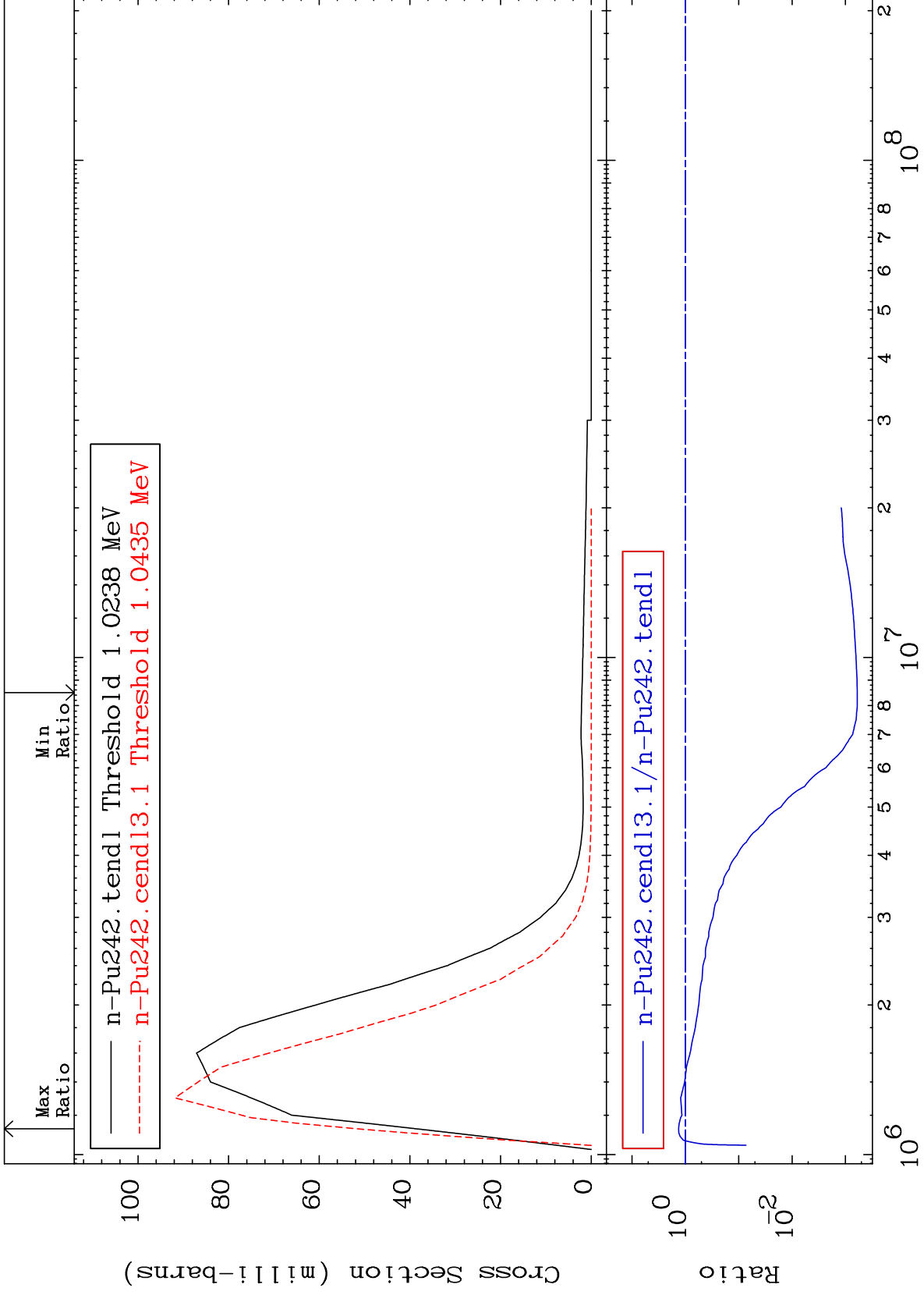
17

94-Pu-242

MAT 9446

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

94-Pu-242  
-99.94 To 34.01 %



18

Incident Energy (eV)

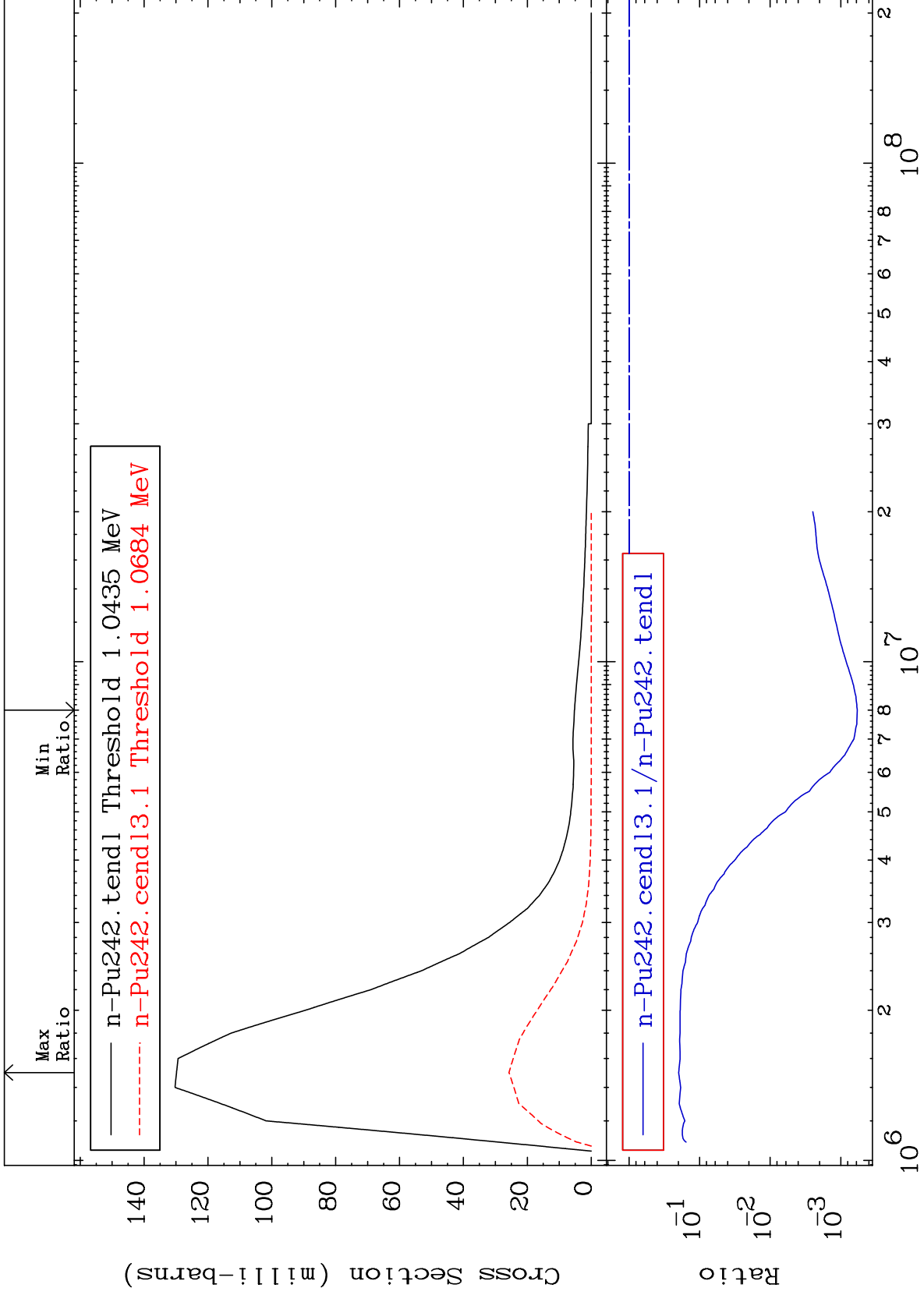
94-Pu-242



MAT 9446

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

94-Pu-242  
-99.94 To -80.17%



19

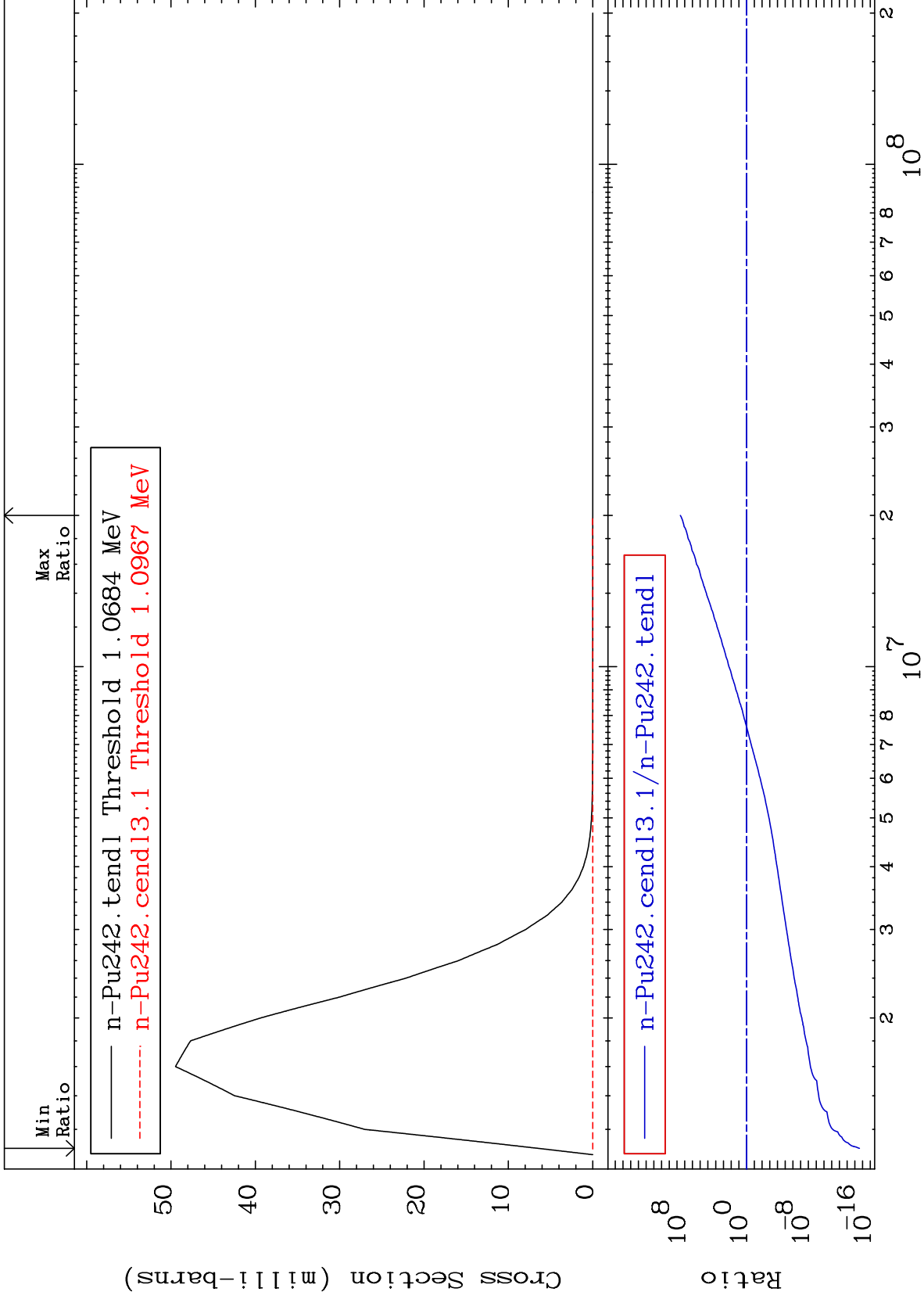
Incident Energy (eV)

94-Pu-242

MAT 9446

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

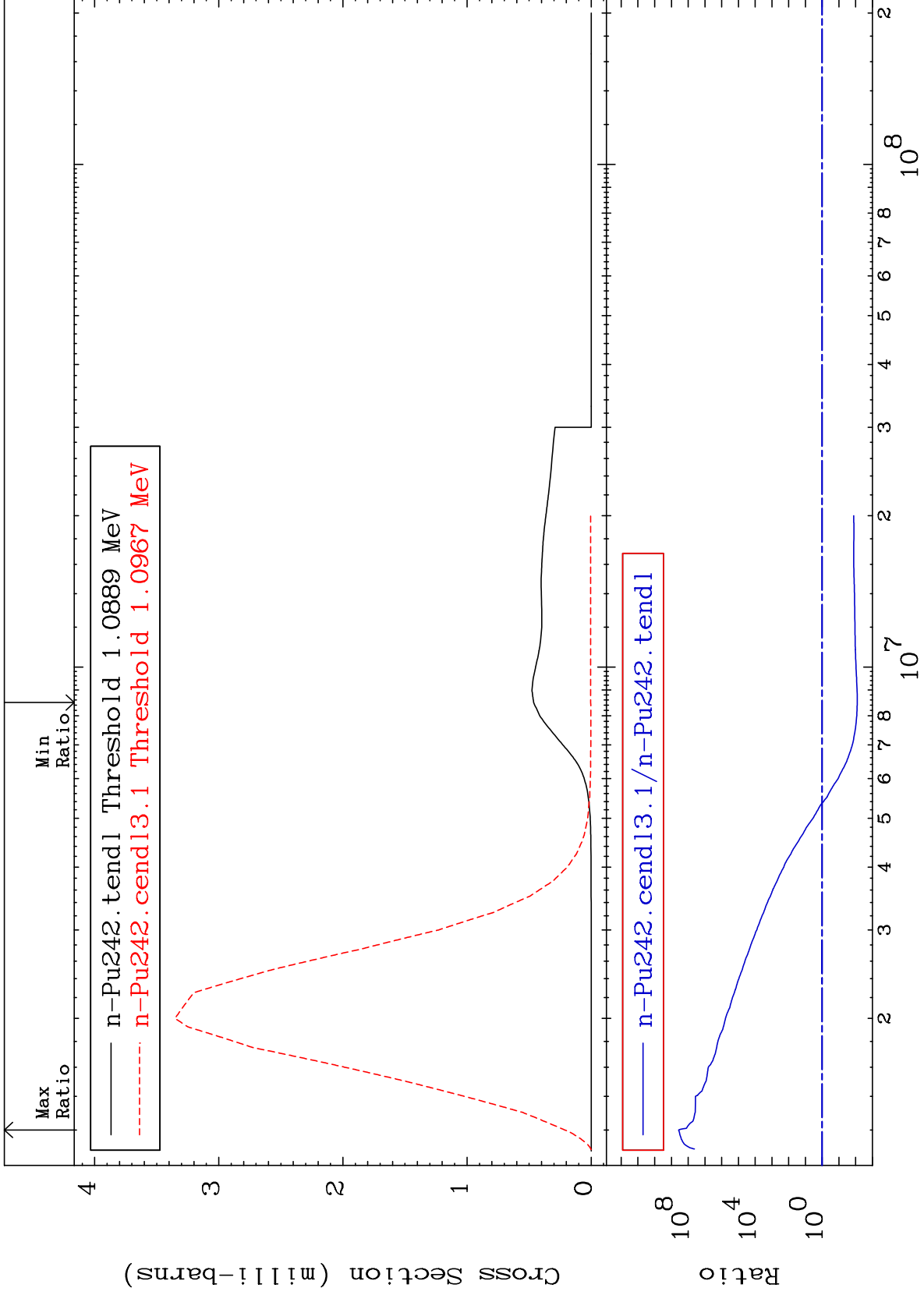
94-Pu-242  
-100.0 To 9999. %



MAT 9446

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

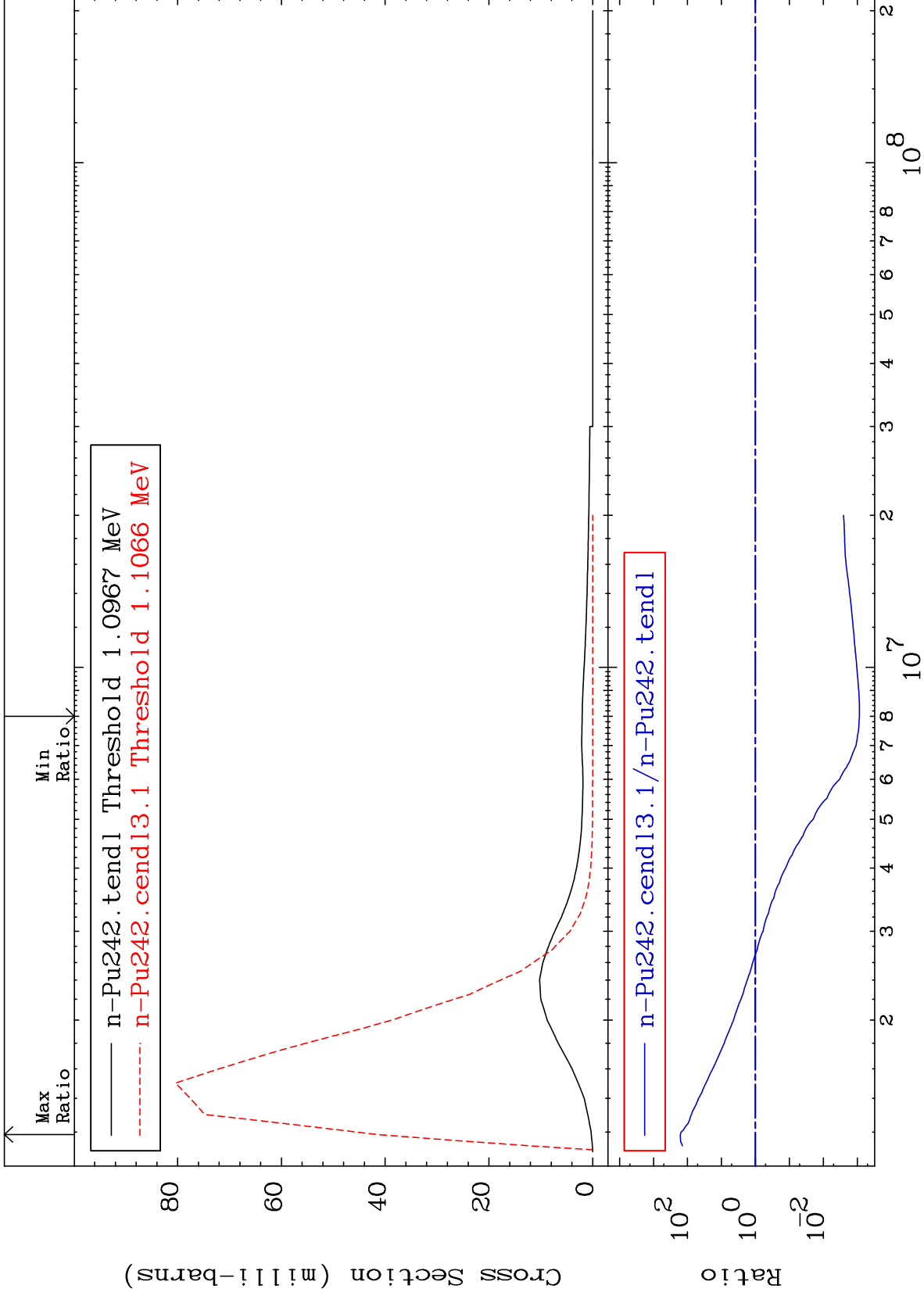
94-Pu-242  
-99.19 To 9999. %



MAT 9446

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

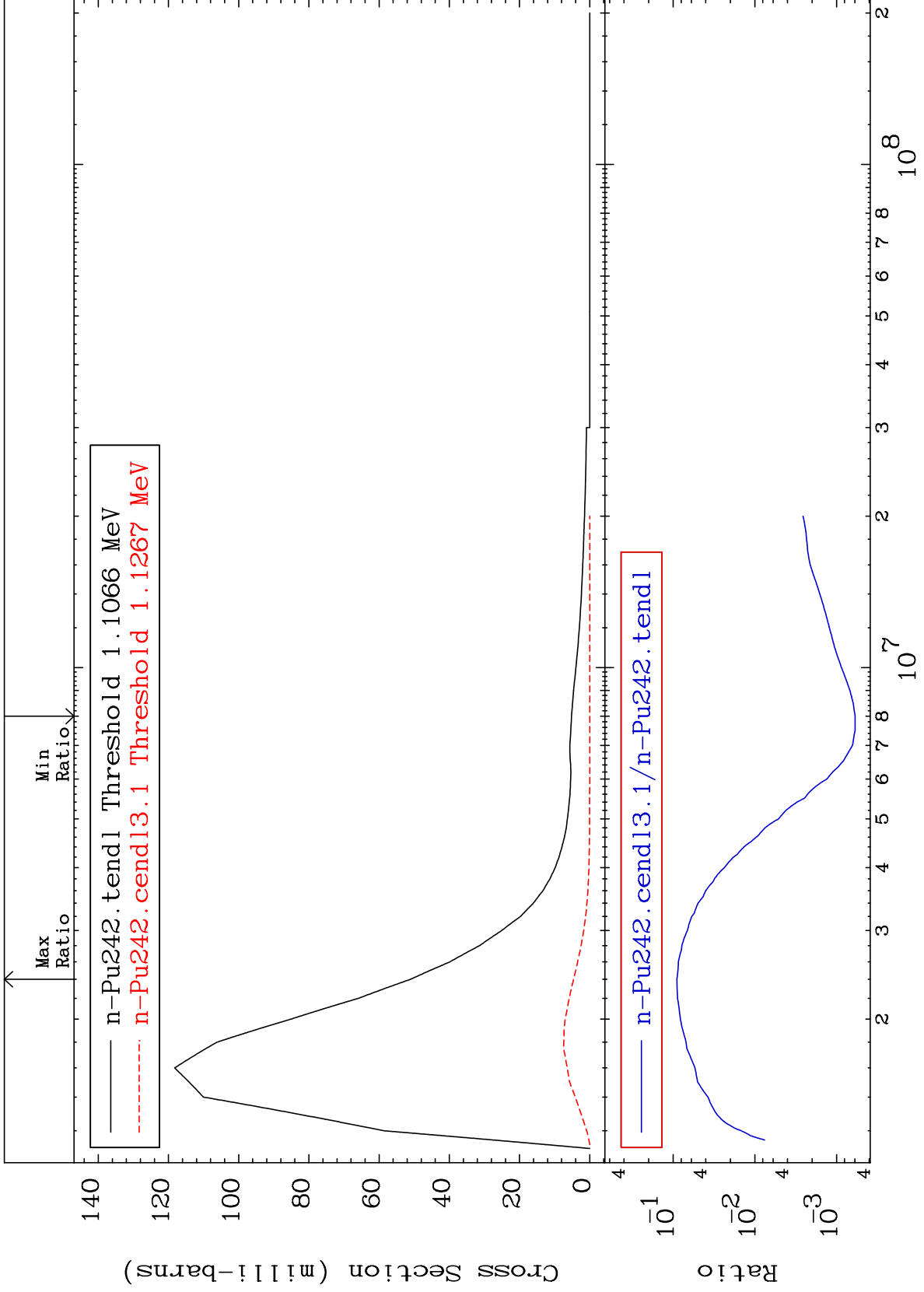
94-Pu-242  
-99.91 To 9999. %



MAT 9446

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

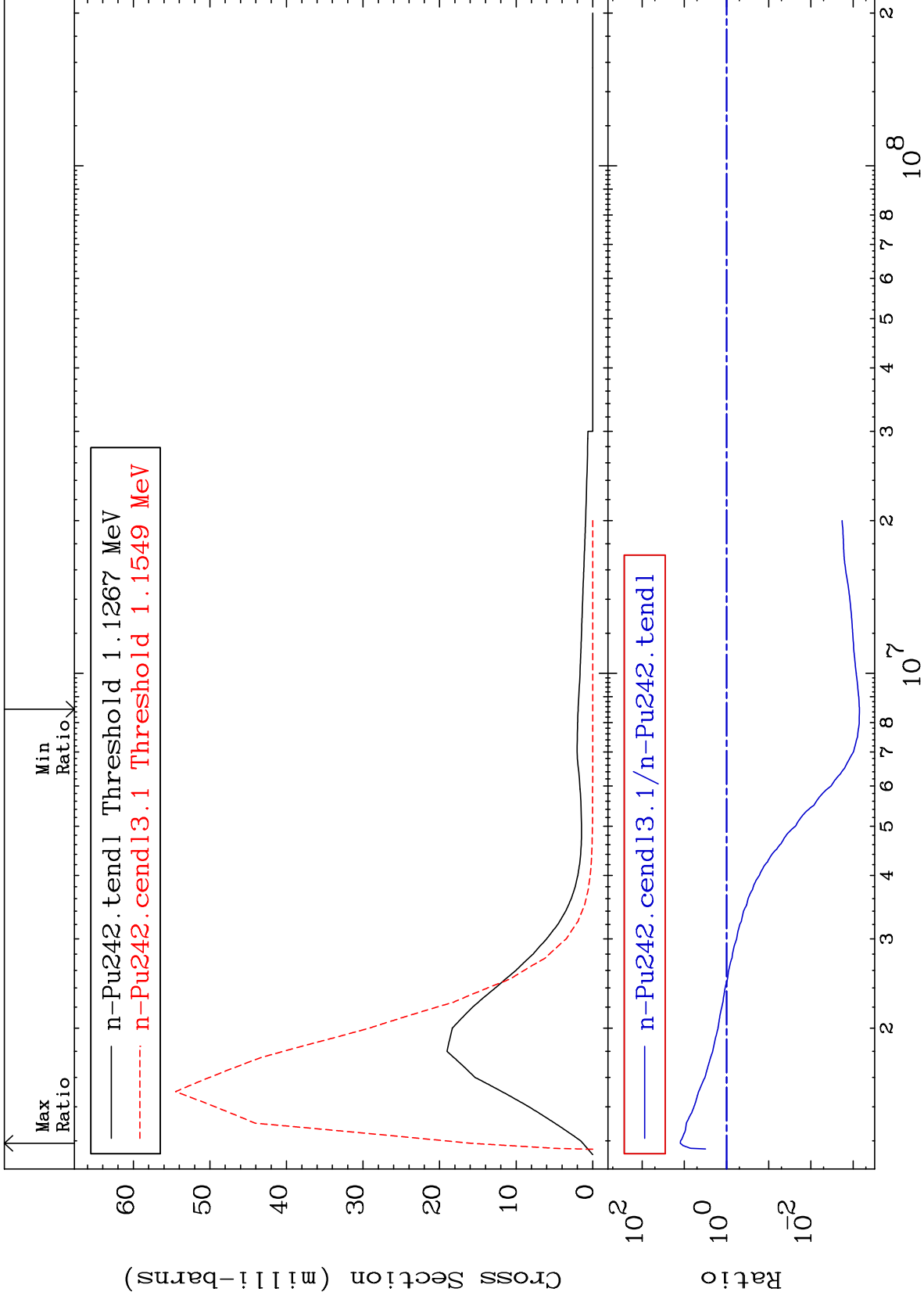
94-Pu-242  
-99.94 To -90.99%



MAT 9446

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

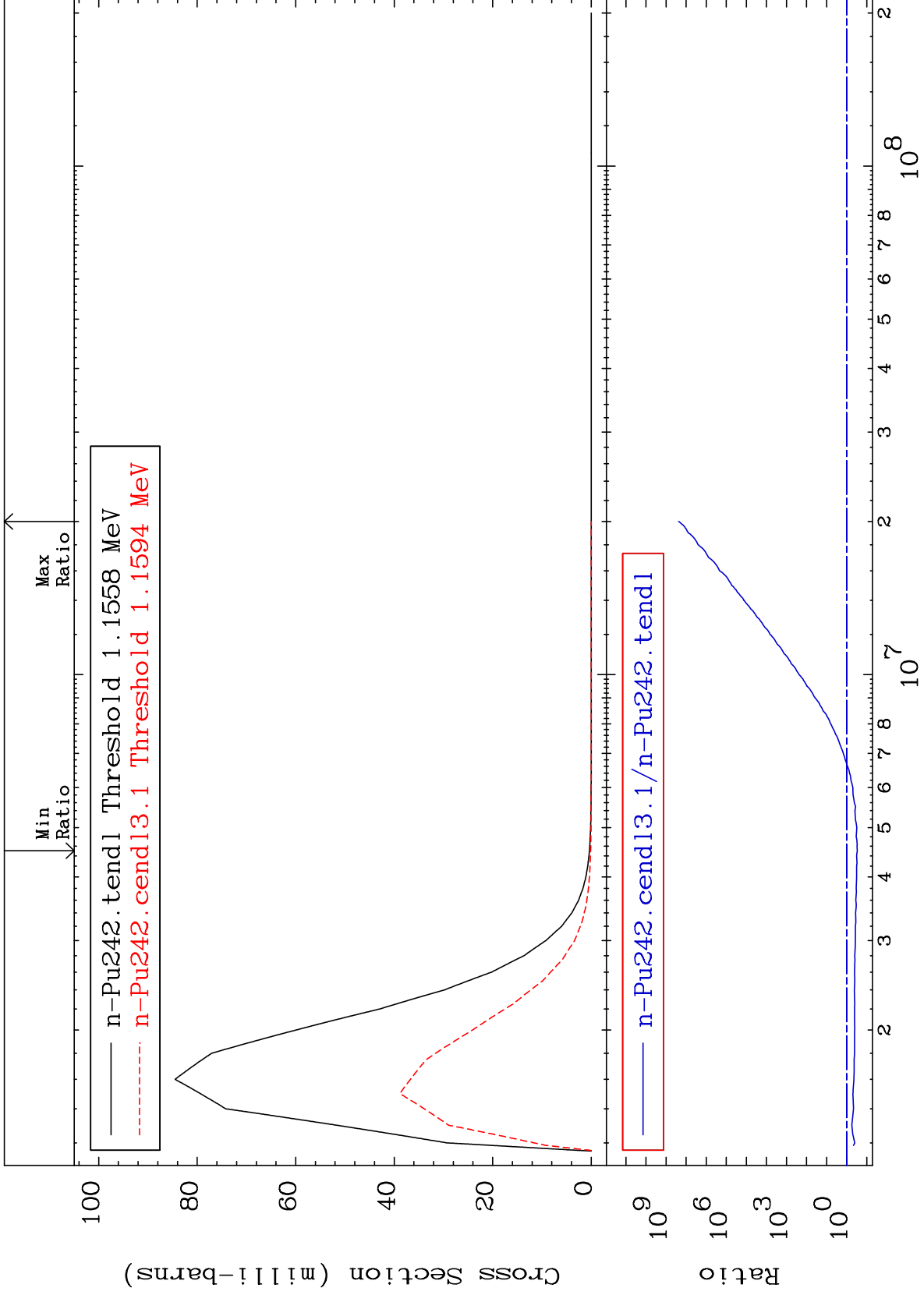
94-Pu-242  
-99.93 To 1143. %



MAT 9446

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

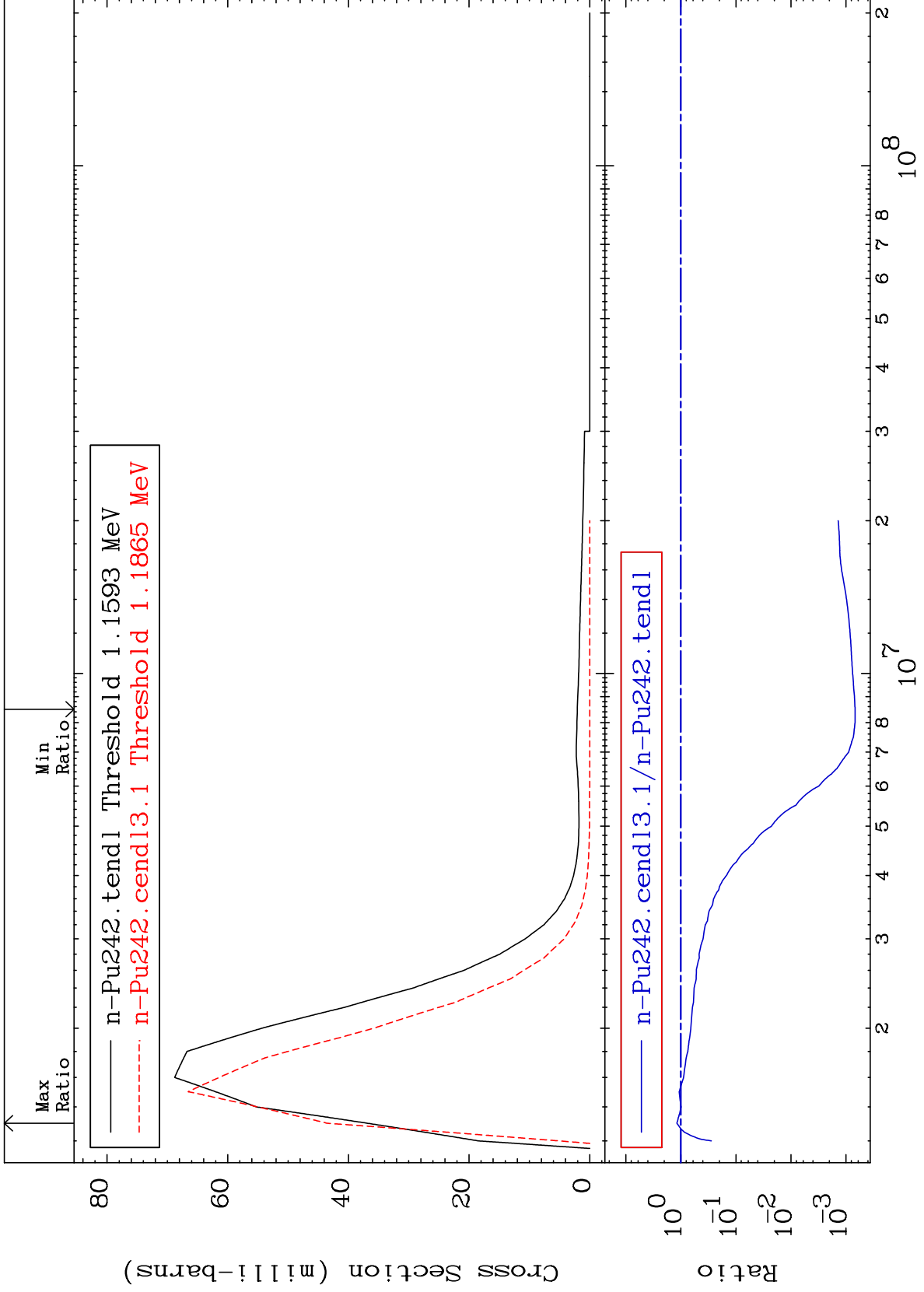
94-Pu-242  
-70.20 To 9999. %



MAT 9446

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

94-Pu-242  
-99.93 To 18.03 %

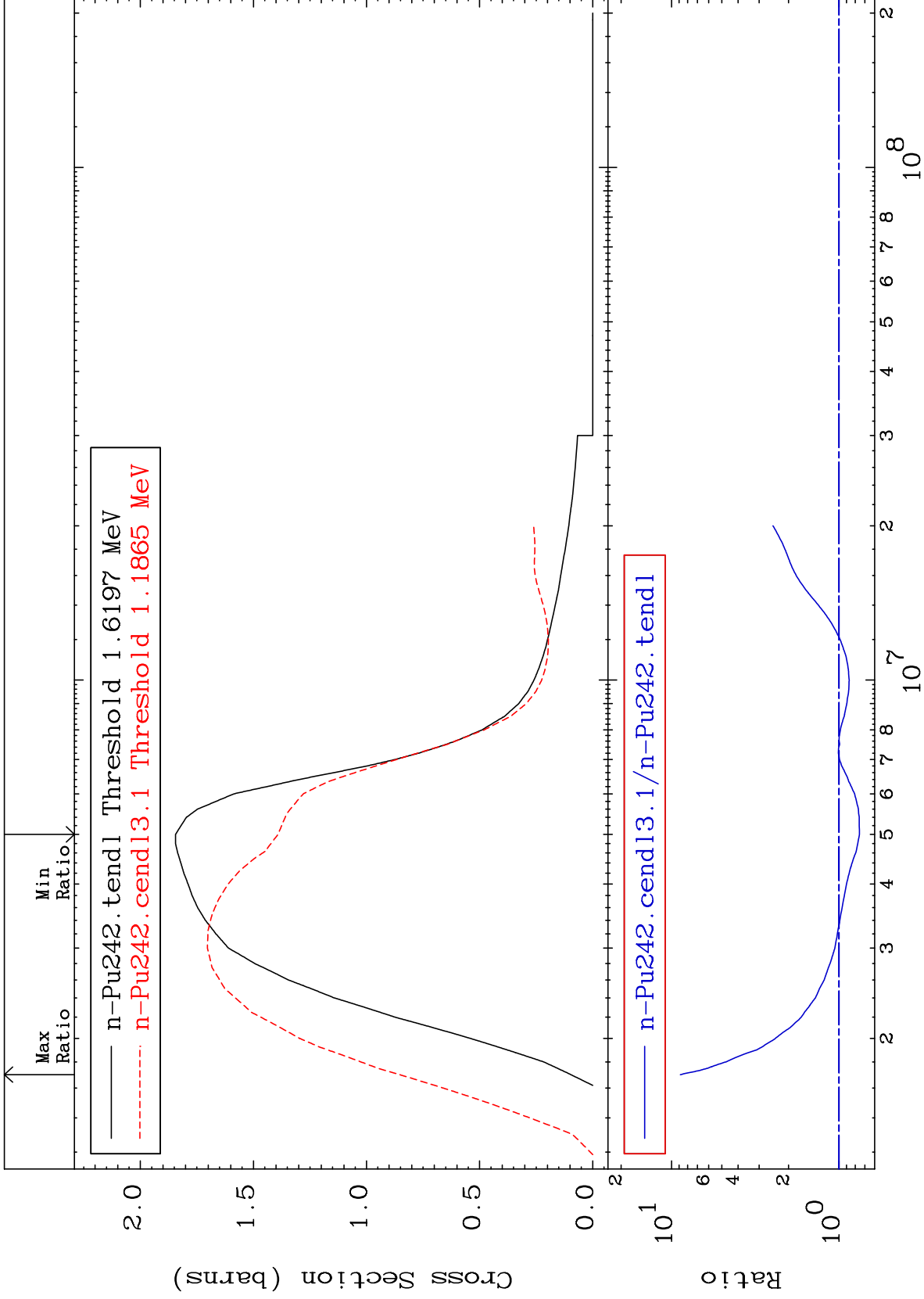




MAT 9446

(n, n') Continuum  
Cross Section

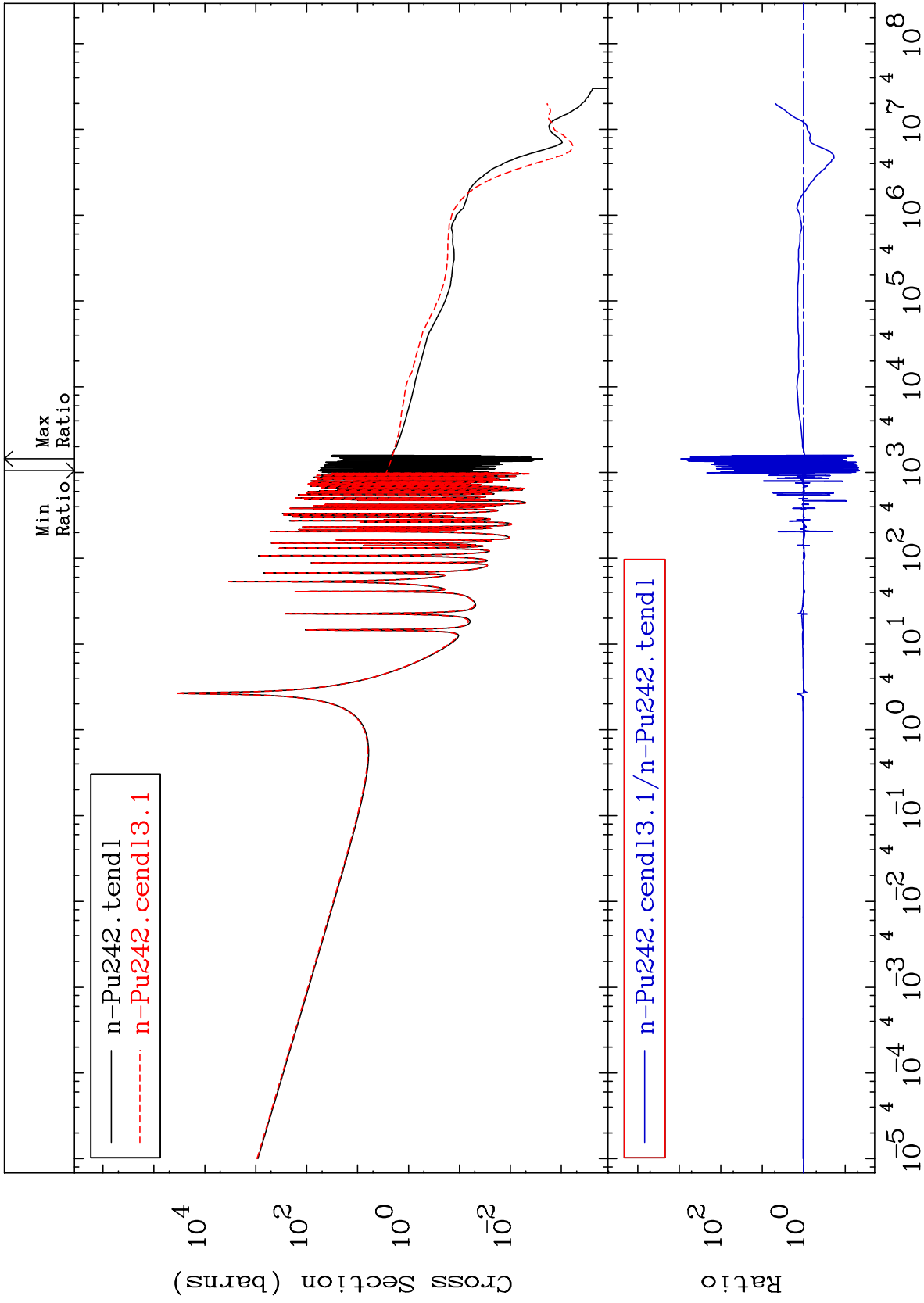
94-Pu-242  
-24.57 To 785.0 %



MAT 9446

(n,  $\gamma$ )  
Cross Section

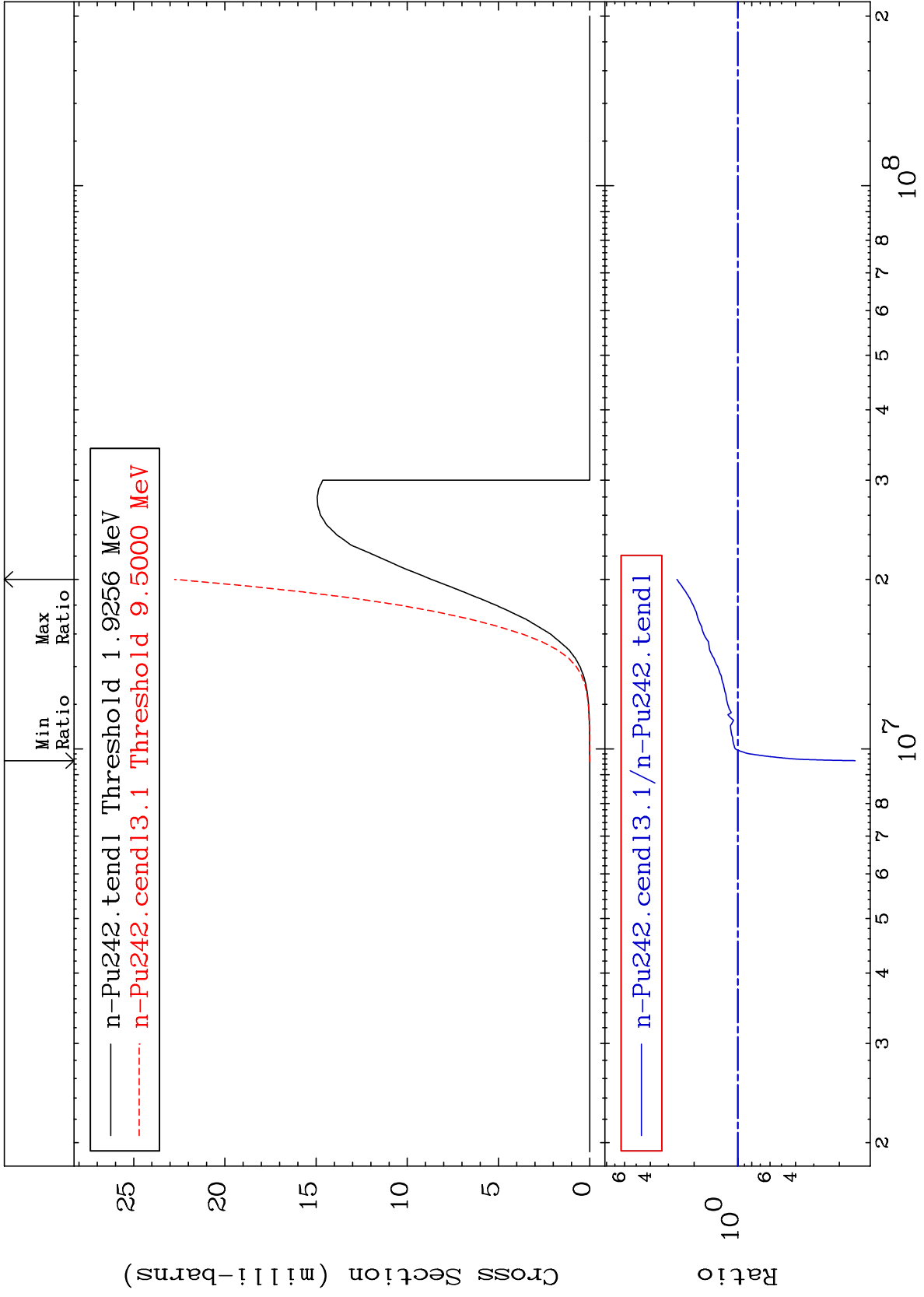
94-Pu-242  
-95.46 To 9999. %



MAT 9446

94-Pu-242  
-84.41 To 162.2 %

(n, p)  
Cross Section



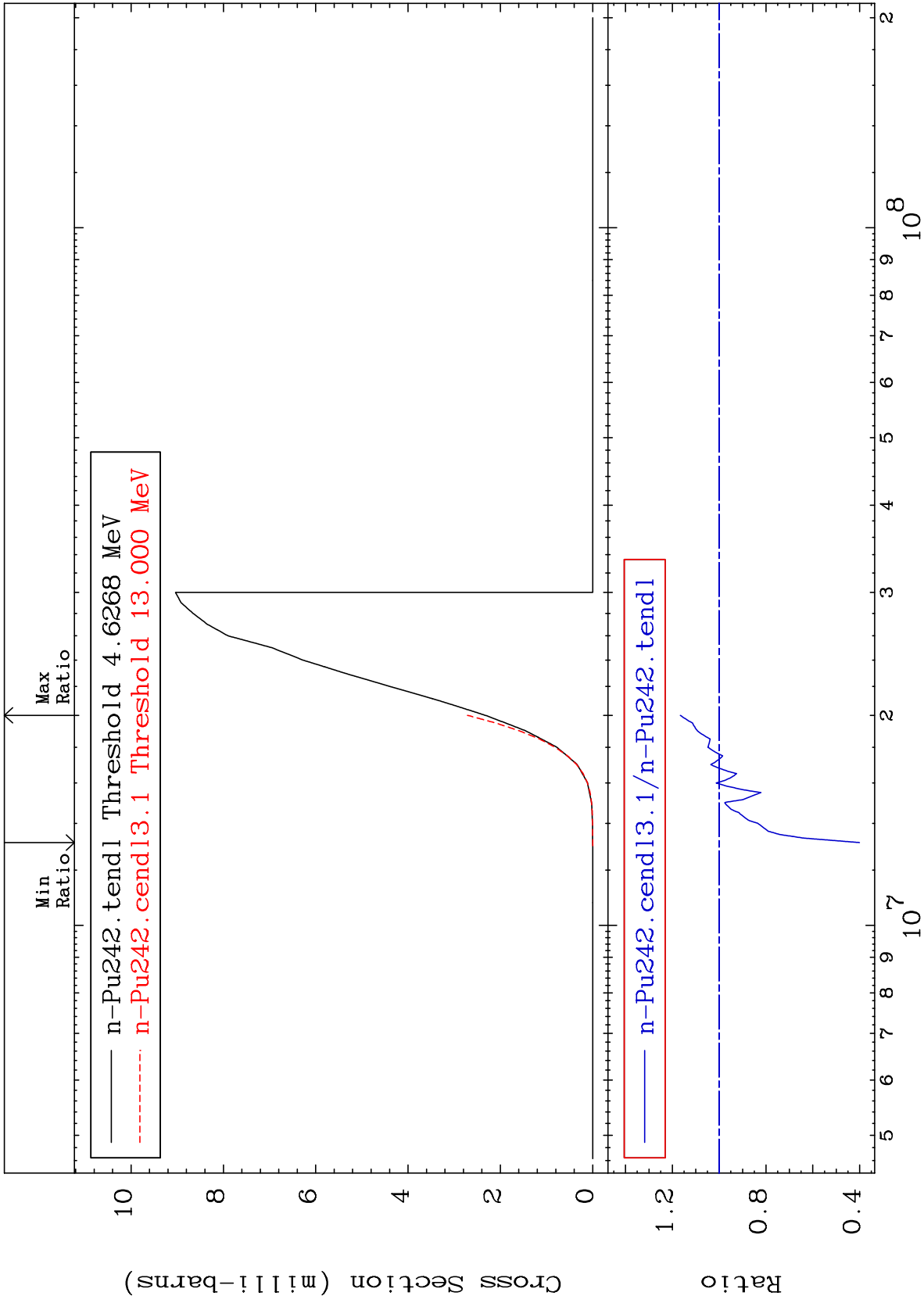
MAT 9446

(n, d)

94-Pu-242

Cross Section

-59.91 To 16.58 %



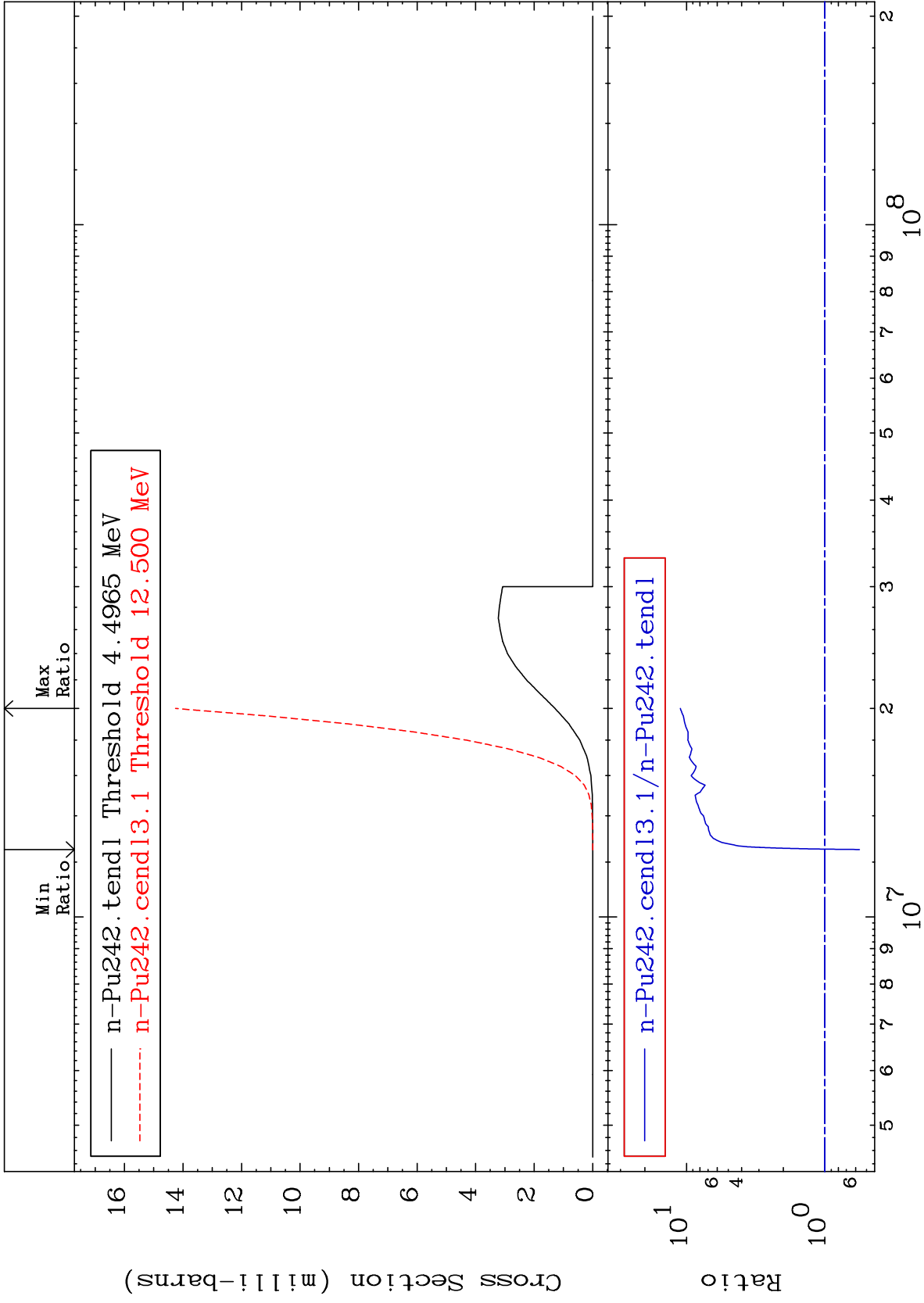
30

Incident Energy (eV)

94-Pu-242

MAT 9446

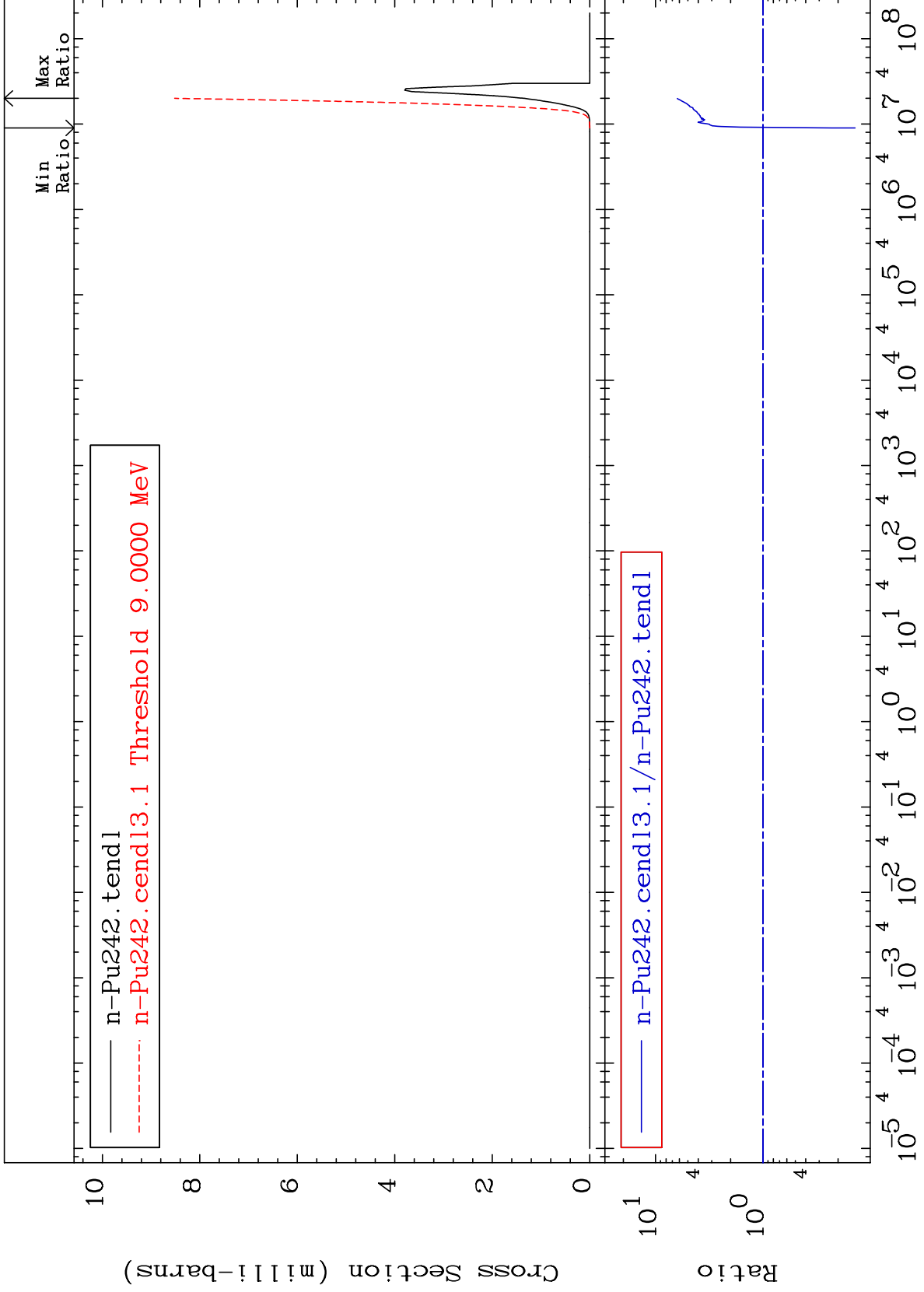
(n, t) Cross Section  
94-Pu-242  
-43.70 To 1008. %

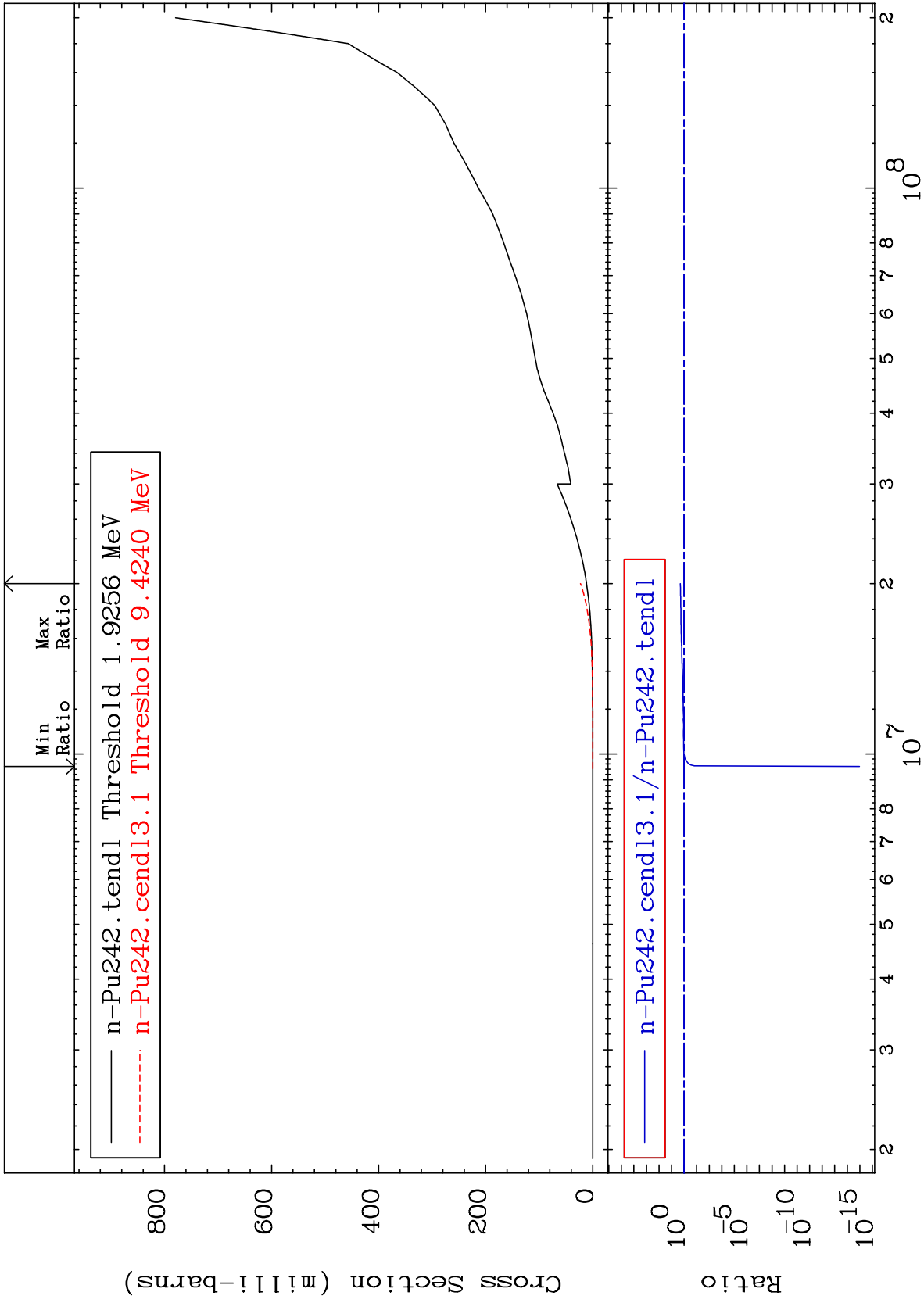


MAT 9446

(n,  $\alpha$ )  
Cross Section

94-Pu-242  
-86.12 To 533.2 %

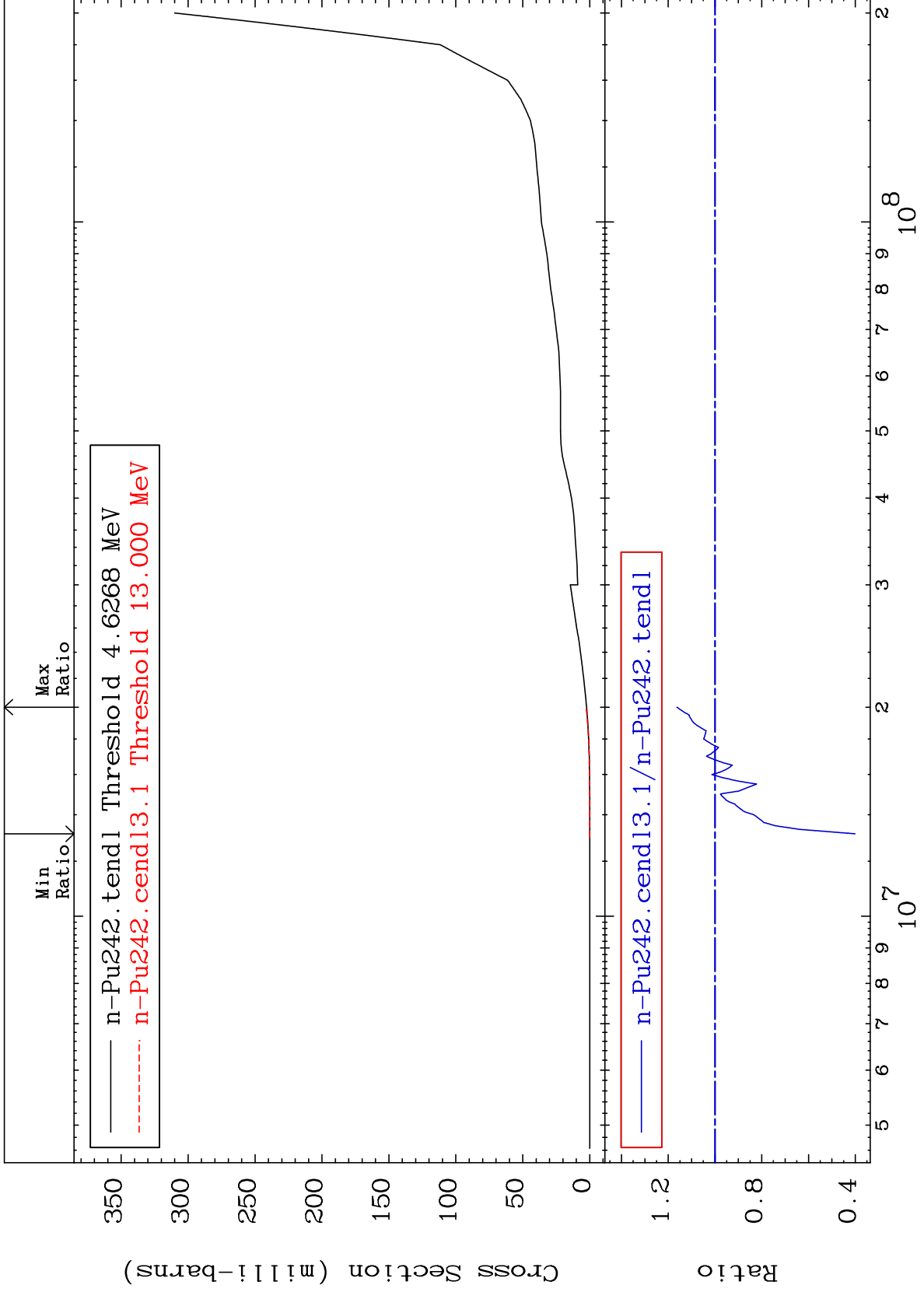




MAT 9446

Deuterium Production  
Cross Section

94-Pu-242  
-59.91 To 16.28 %

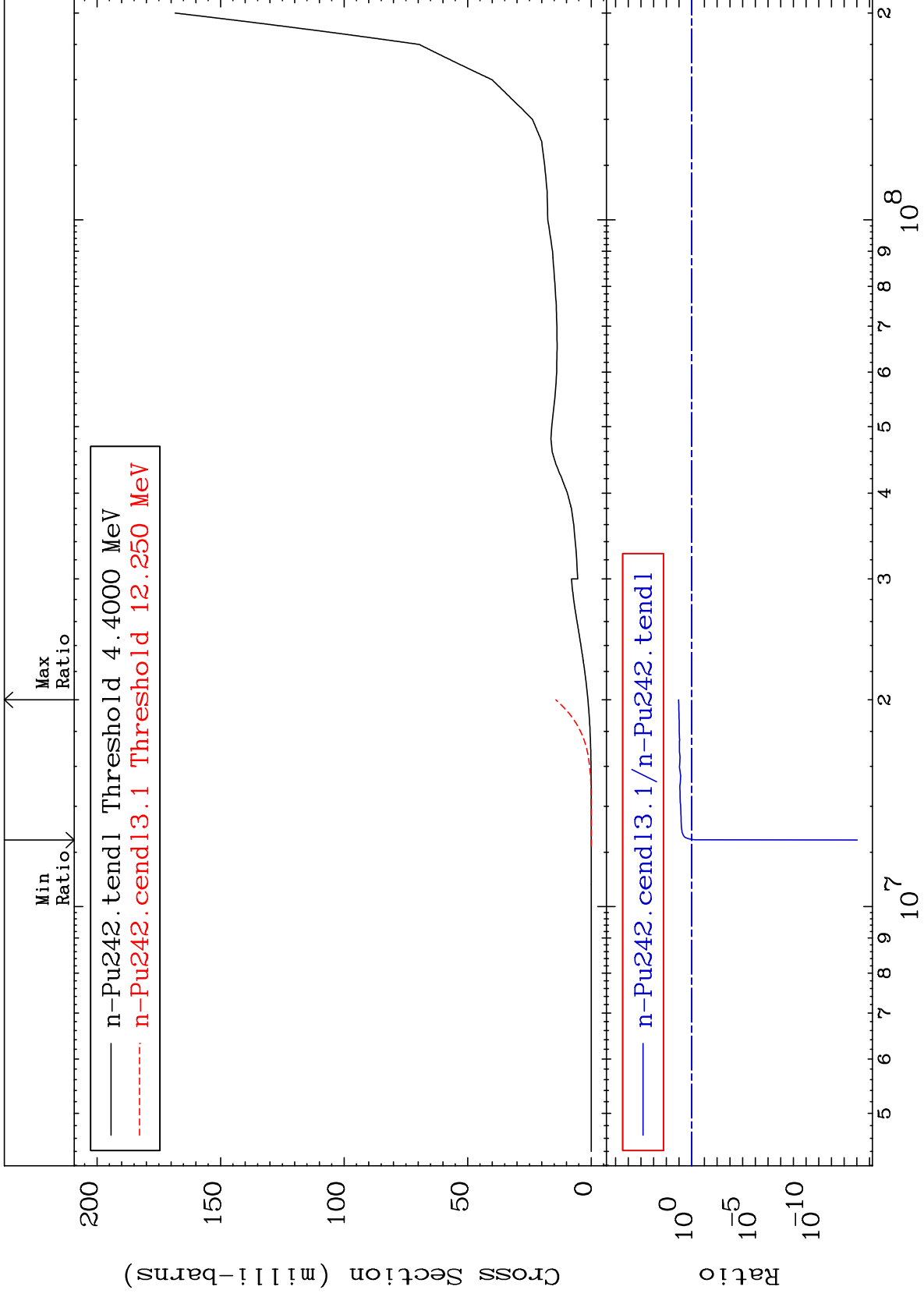




MAT 9446

Tritium Production  
Cross Section

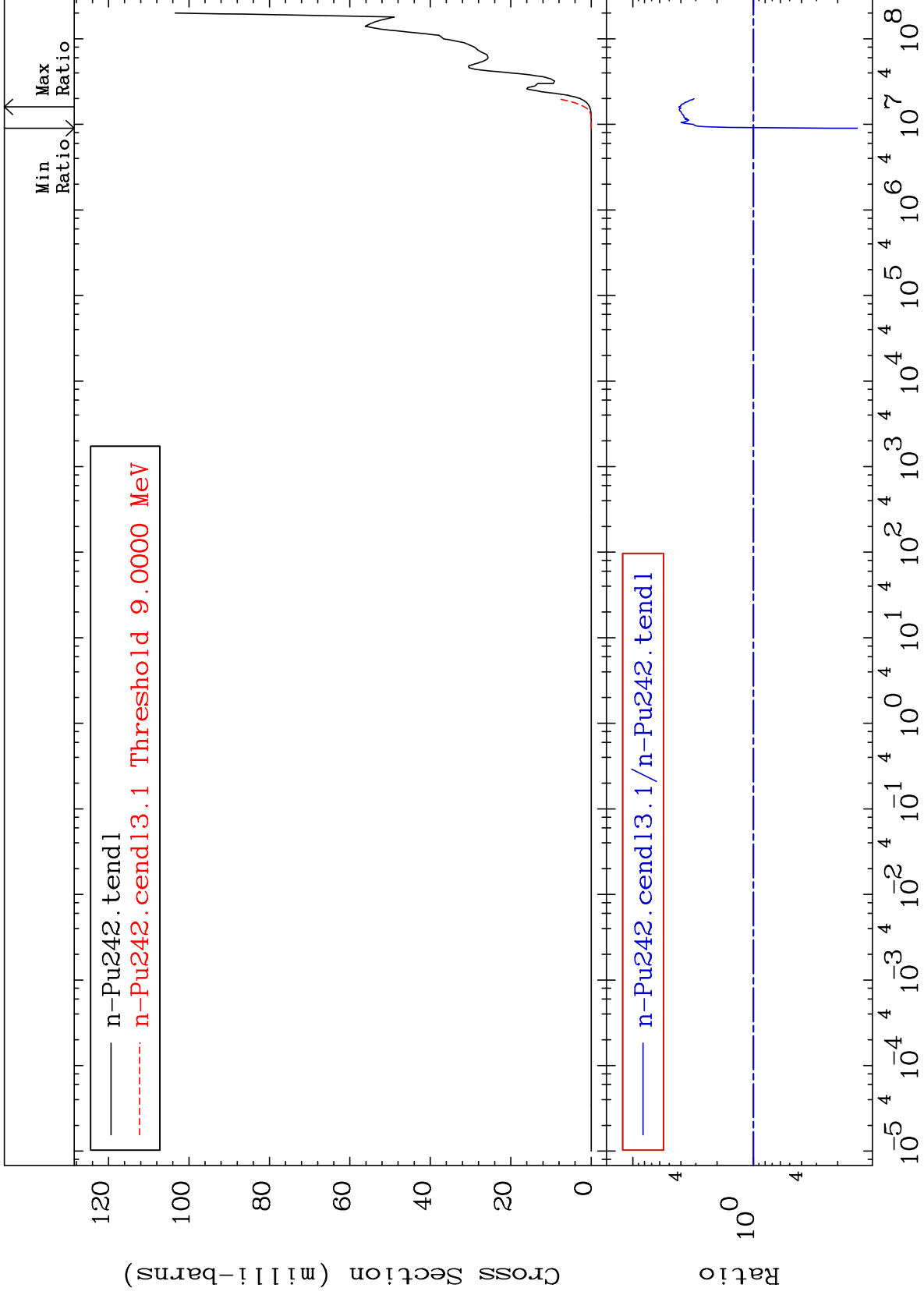
94-Pu-242  
-100.0 To 980.1 %



MAT 9446

He-4 Production  
Cross Section

94-Pu-242  
-86.22 To 317.2 %



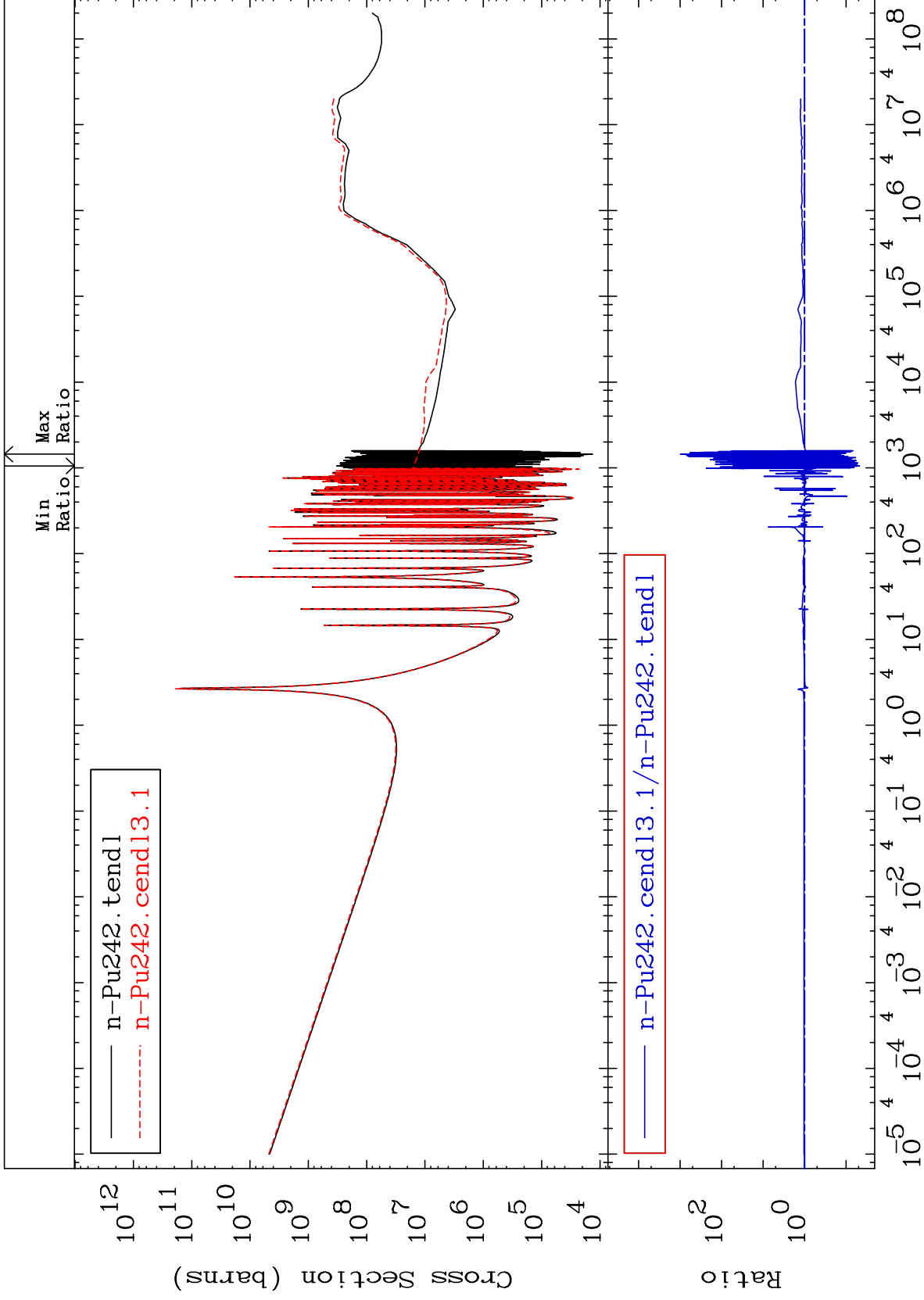
36

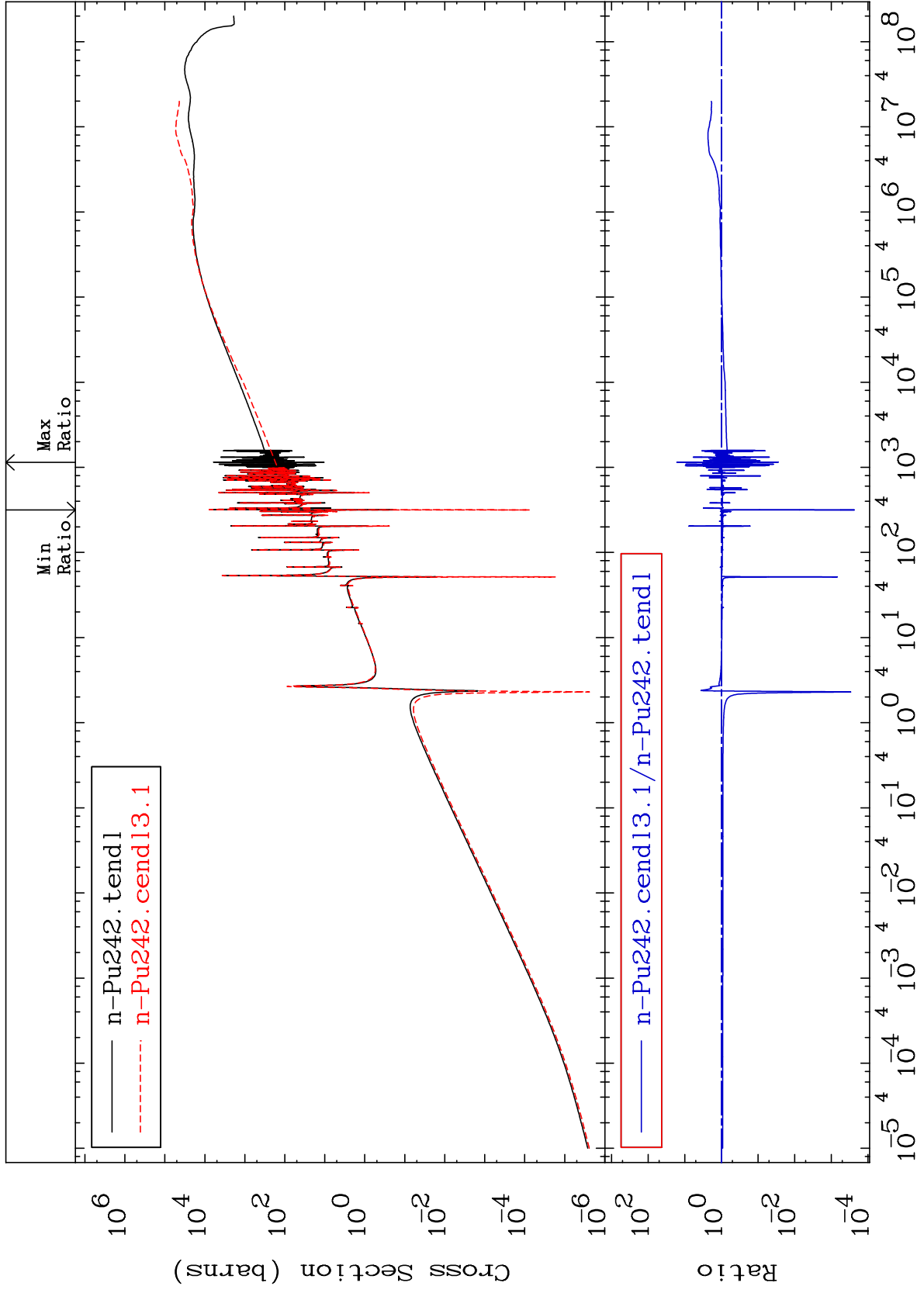
Incident Energy (eV)

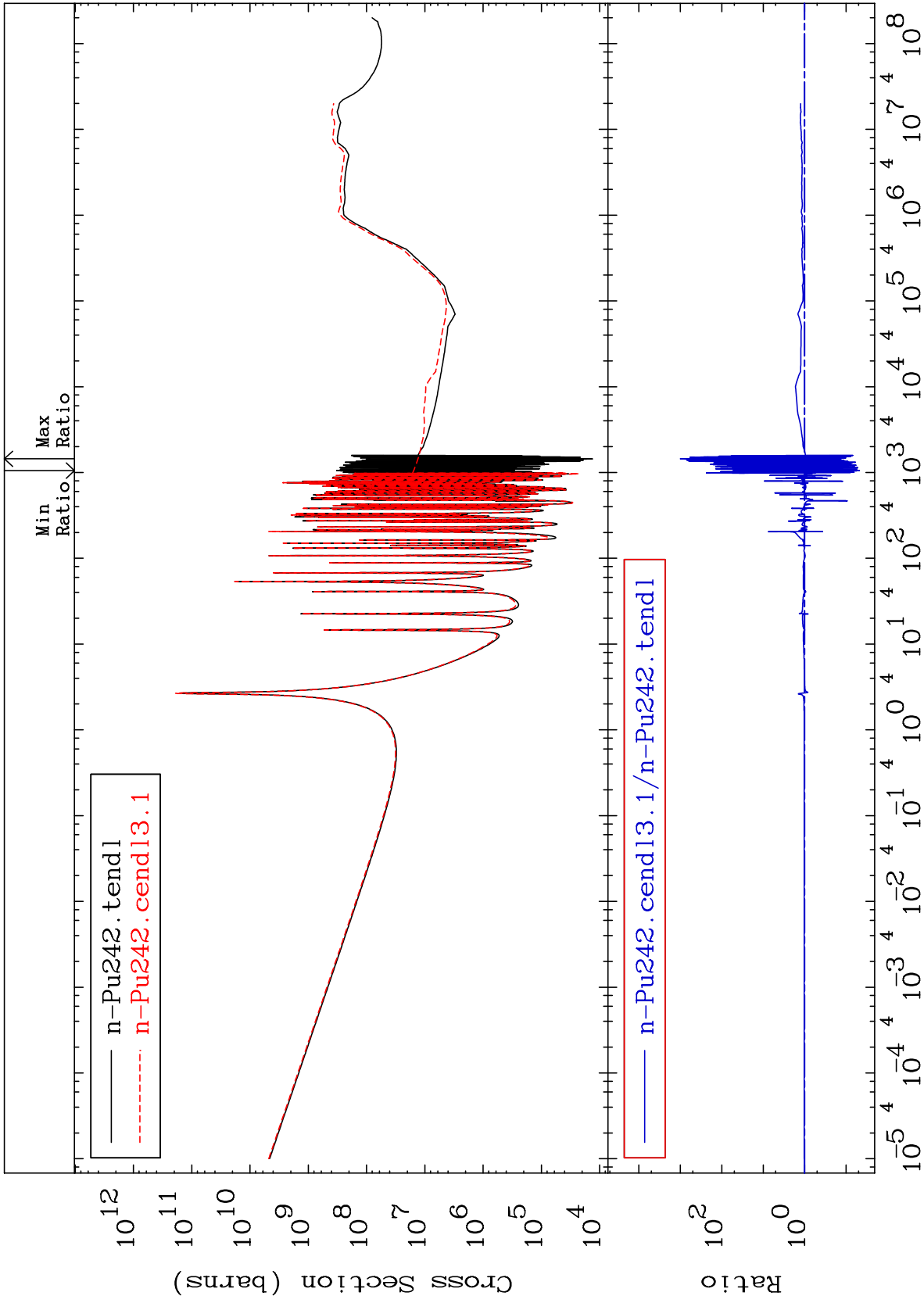
94-Pu-242

Cross Section

-95.22 To 9999. %



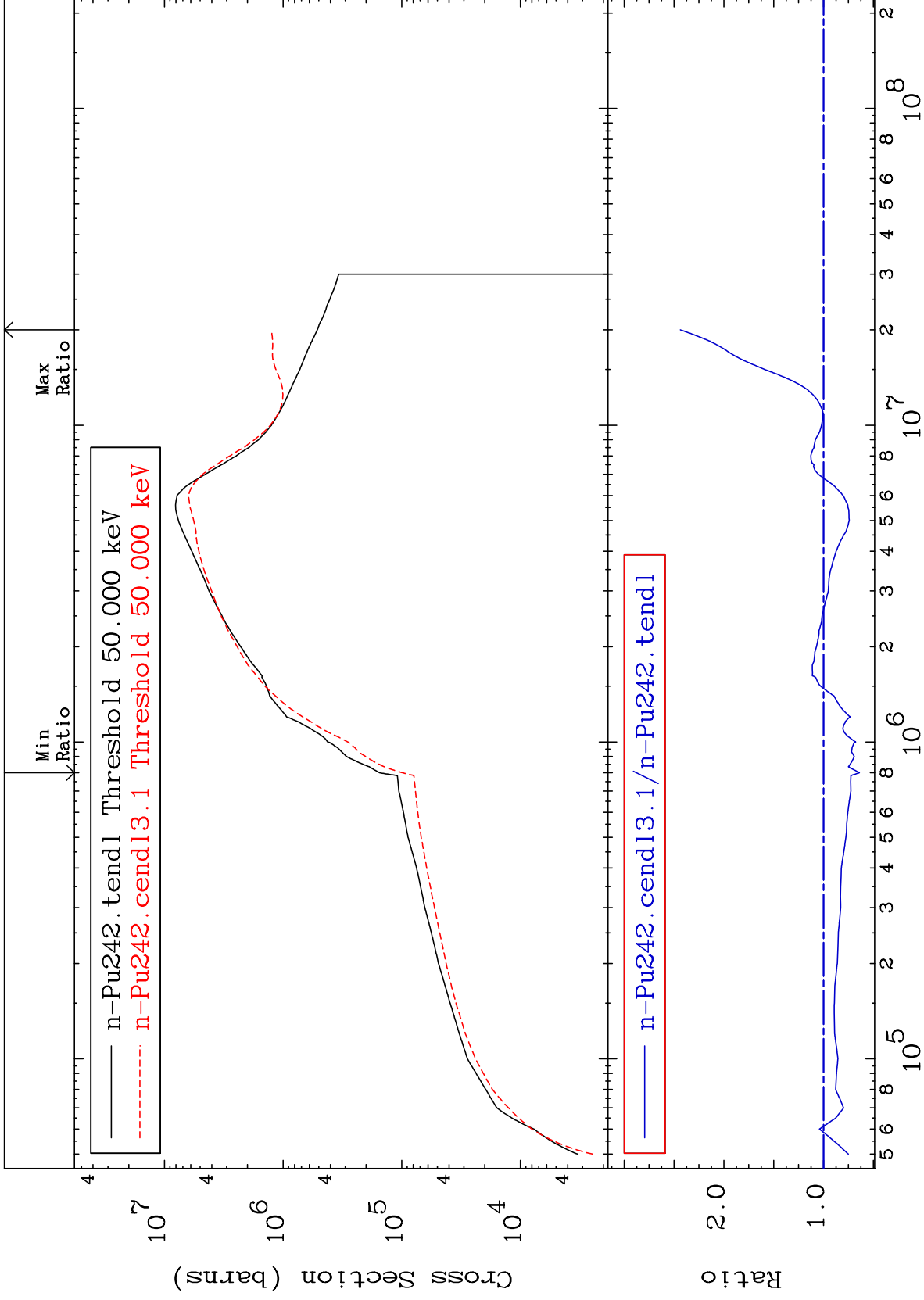




MAT 9446

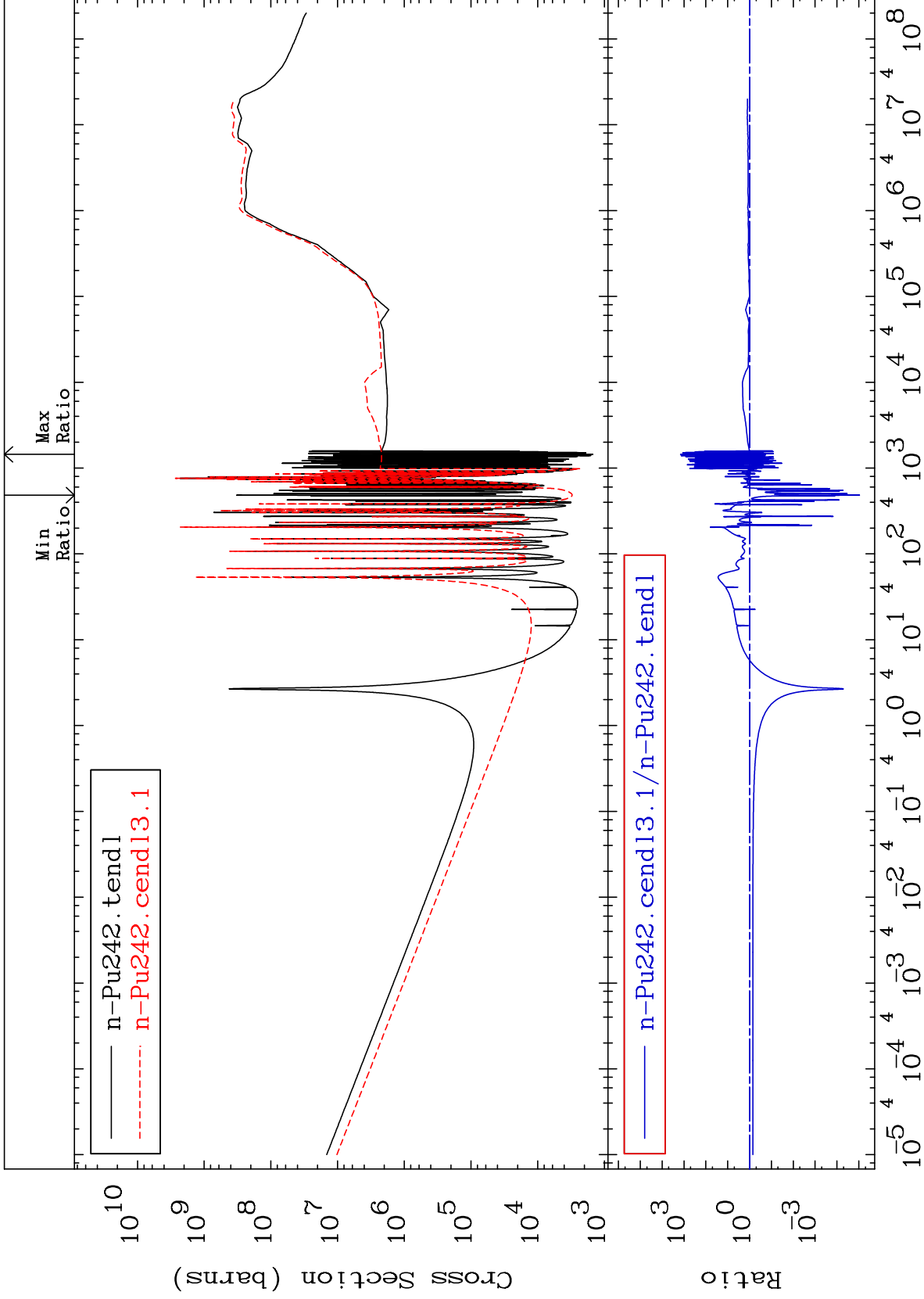
Kerma inelastic (mt51-91)  
Cross Section

94-Pu-242  
-36.02 To 143.6 %



40

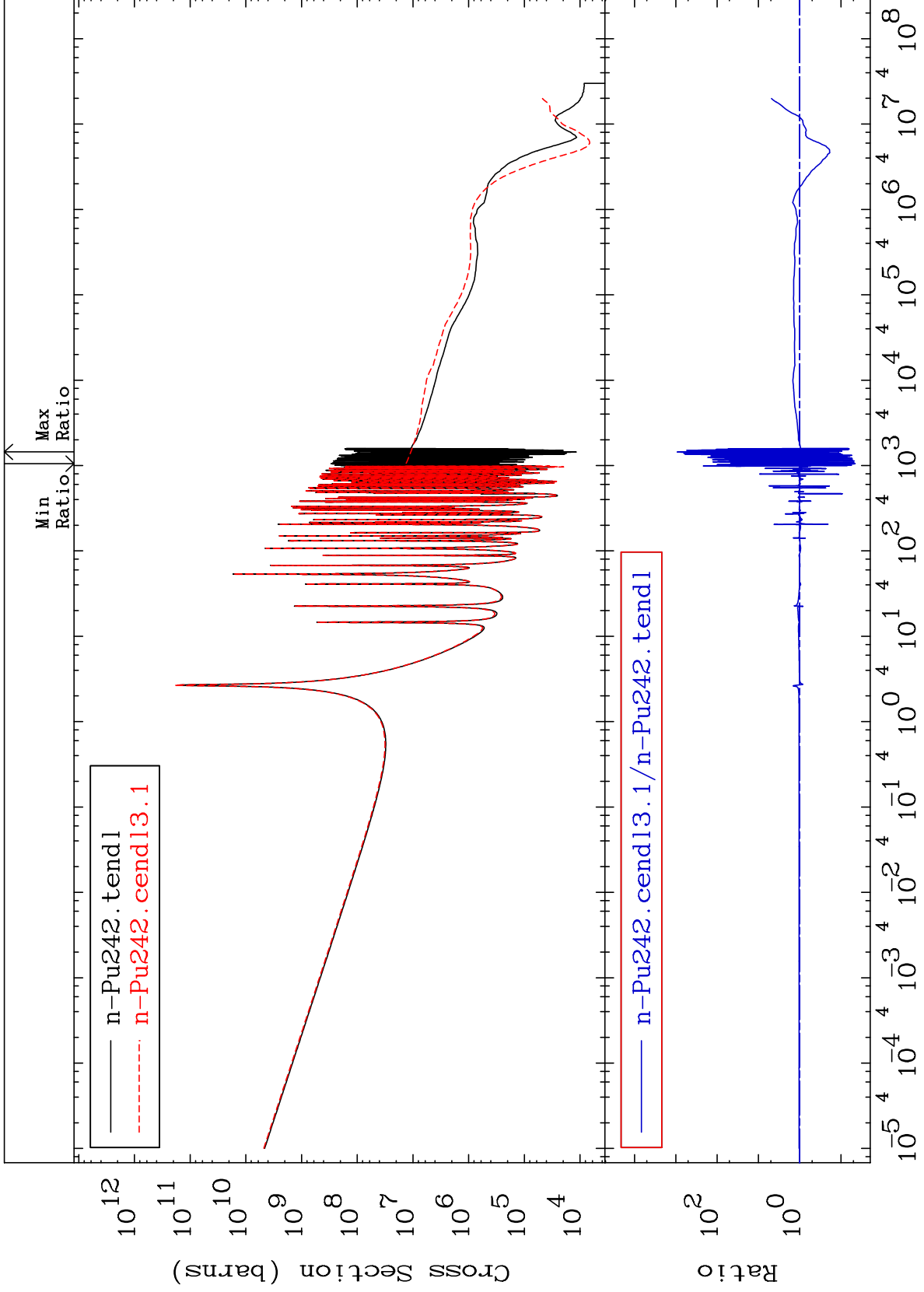
94-Pu-242



MAT 9446

Kerma capture (mt102)  
Cross Section

94-Pu-242  
-95.47 To 9999. %



42

Incident Energy (eV)

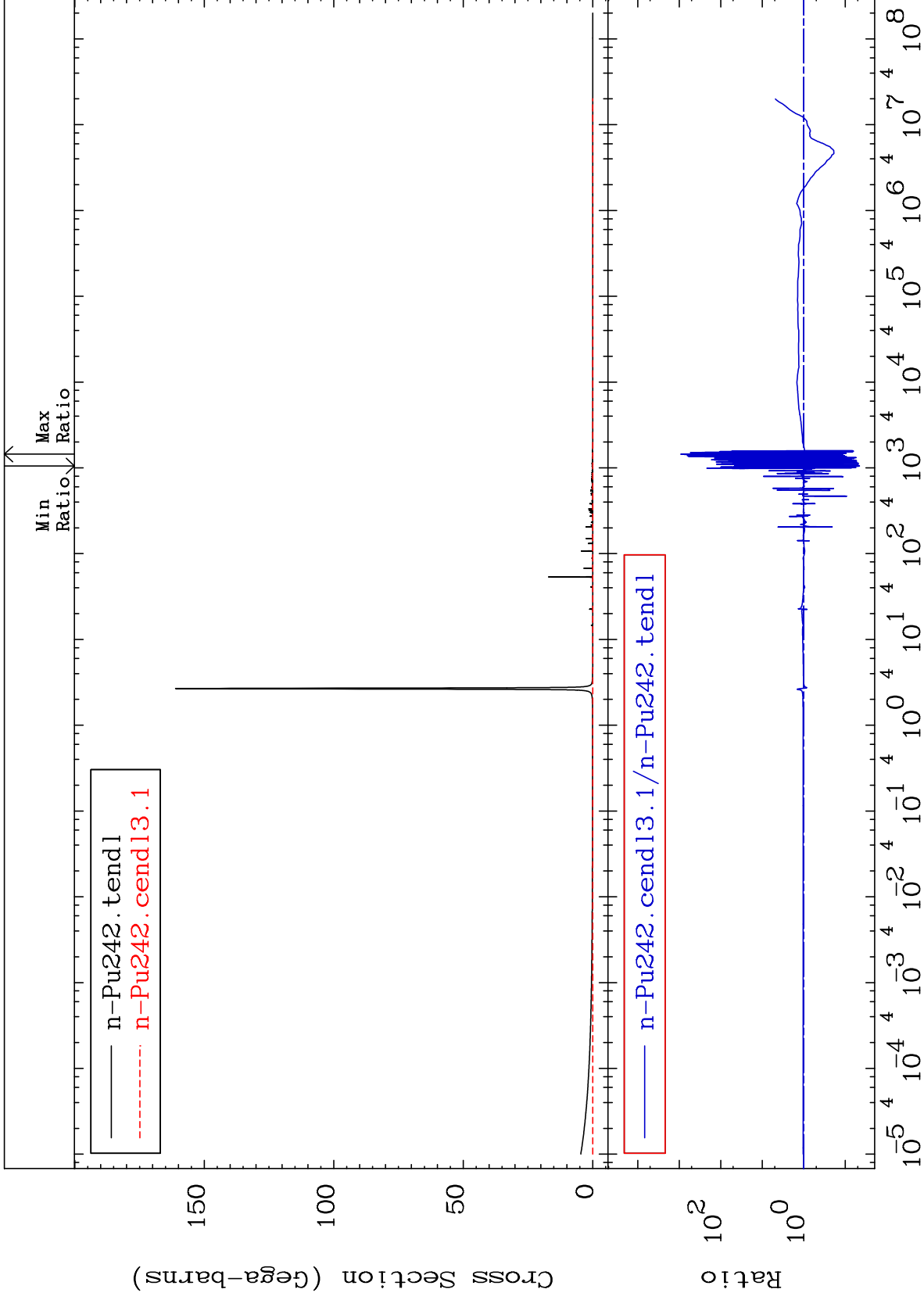
94-Pu-242



MAT 9446

Total photon (eV-barns)  
Cross Section

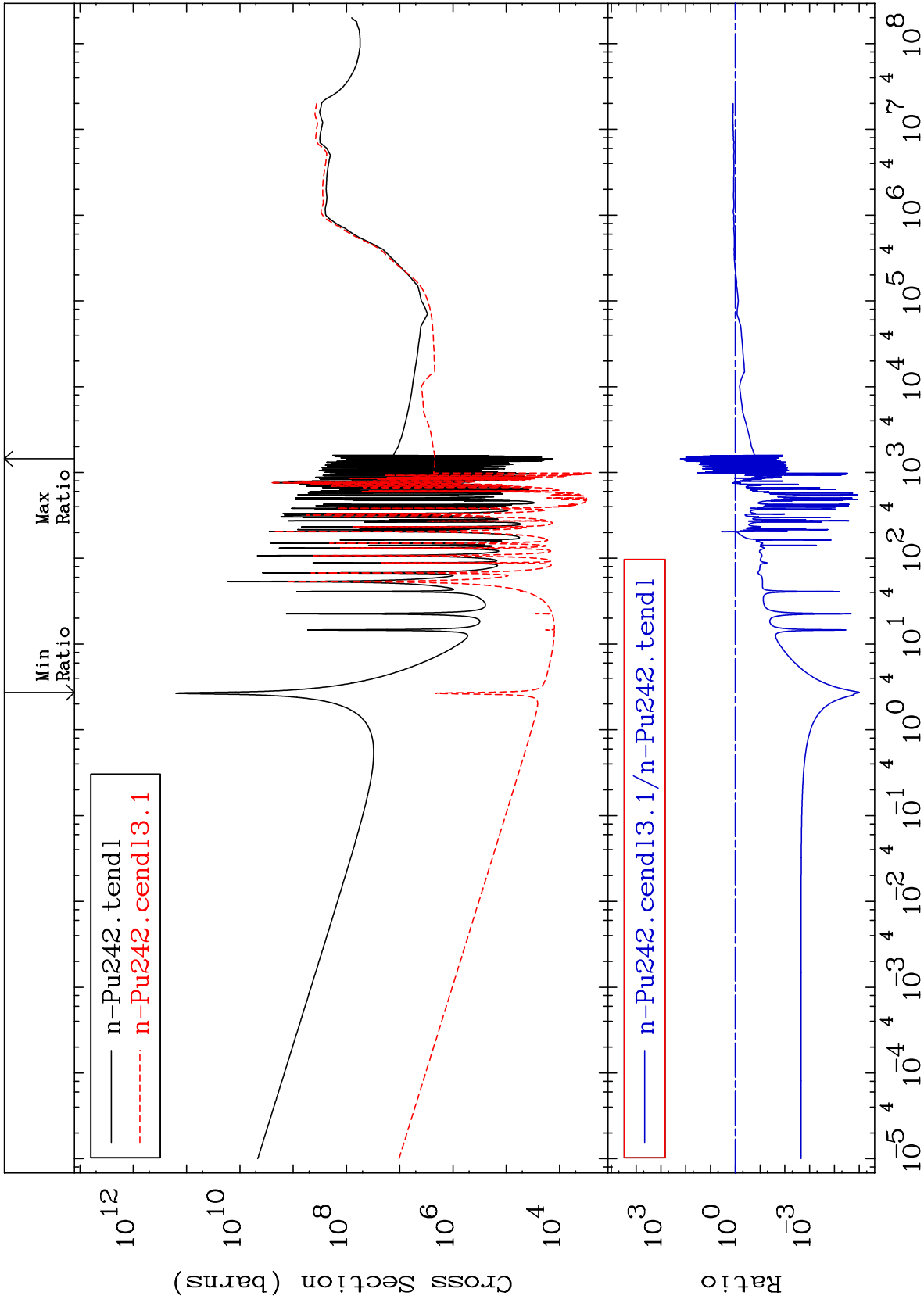
94-Pu-242  
-95.47 To 9999. %

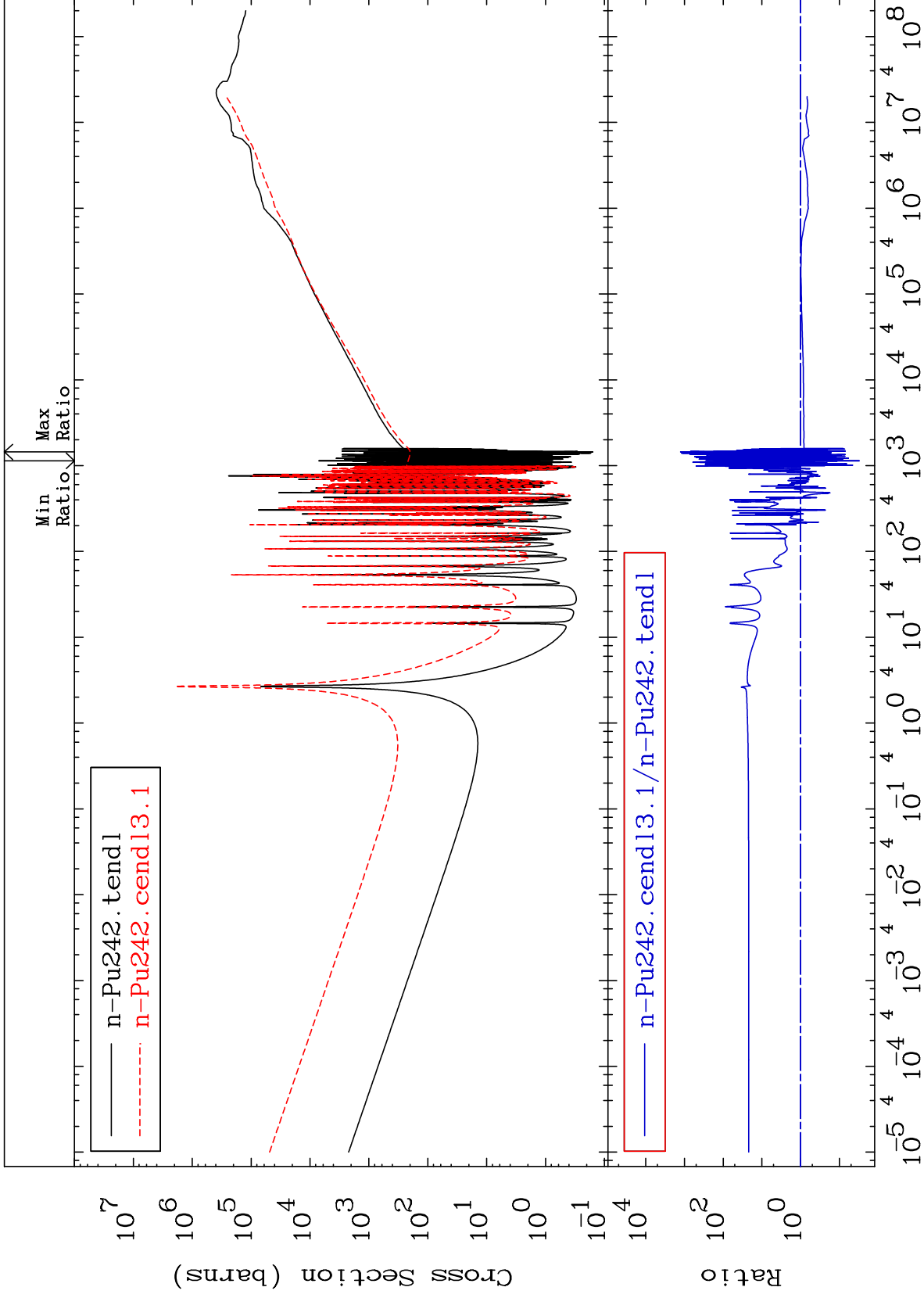


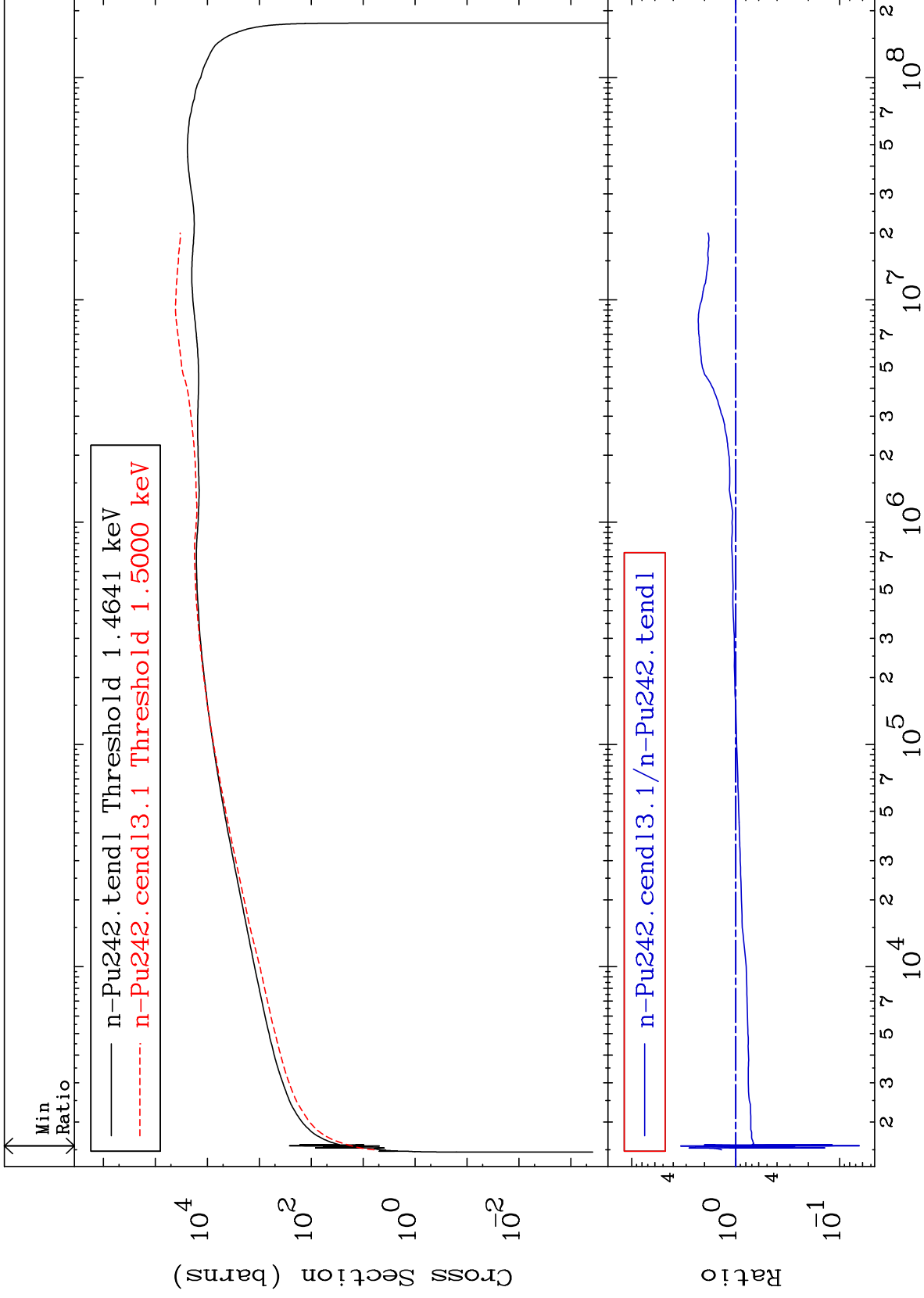
43

Incident Energy (eV)

94-Pu-242







MAT 9446

Dpa inelastic (mt51-91)  
Cross Section

94-Pu-242  
-28.67 To 155.8 %

