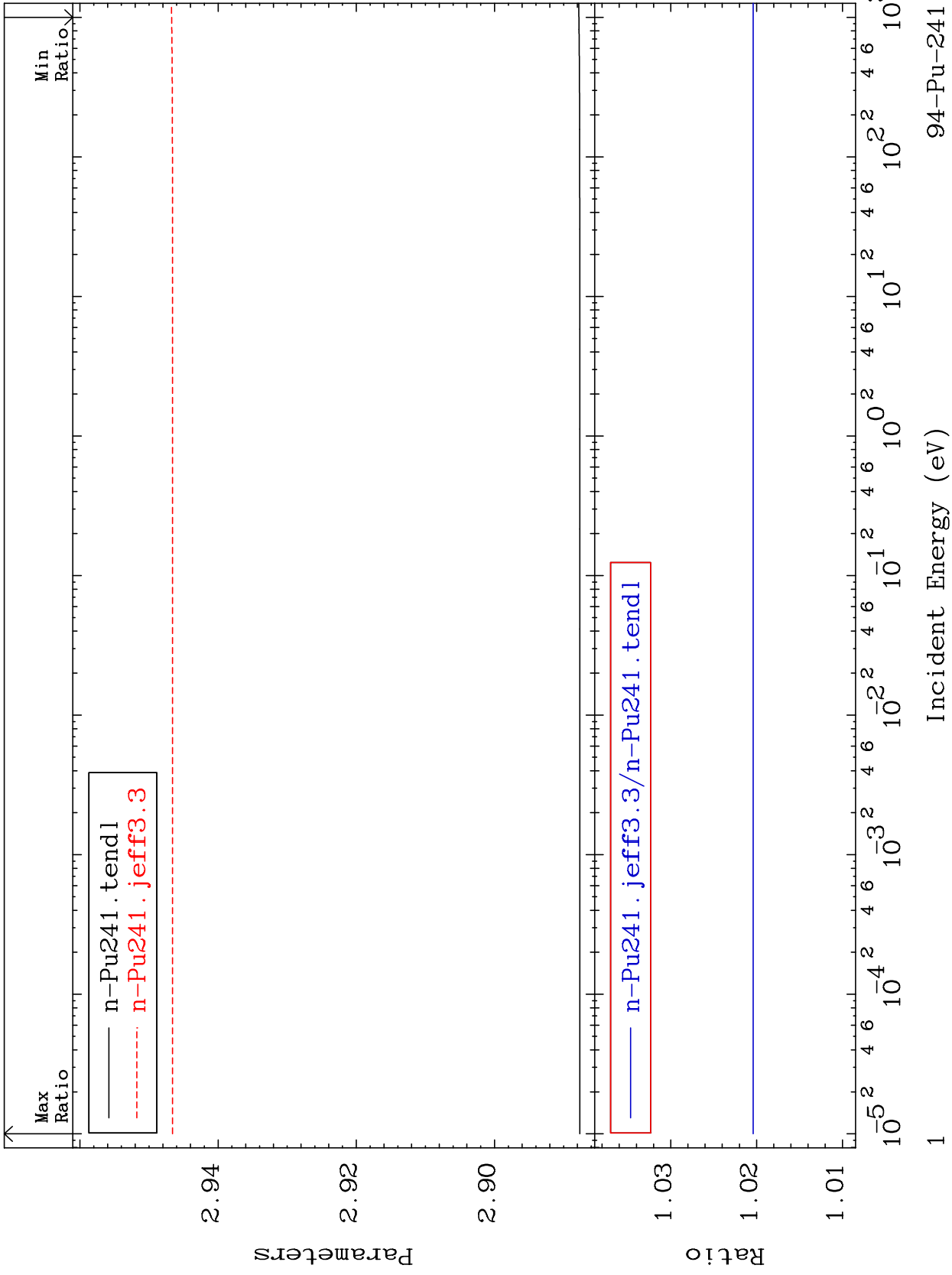


MAT 9443

Total  $\bar{\nu}$   
Parameters

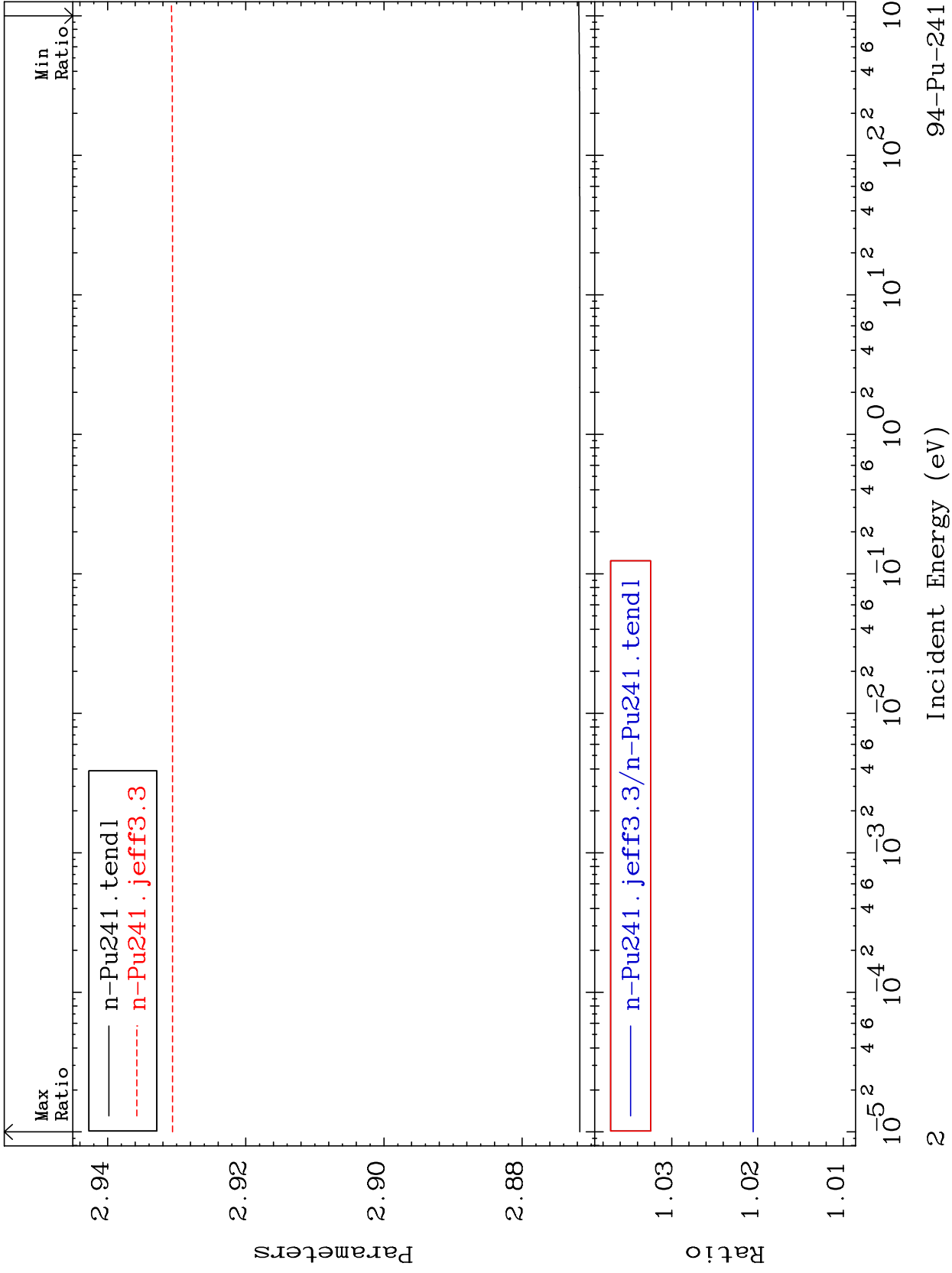
94-Pu-241  
2.041 To 2.041 %



MAT 9443

Prompt  $\bar{\nu}$   
Parameters

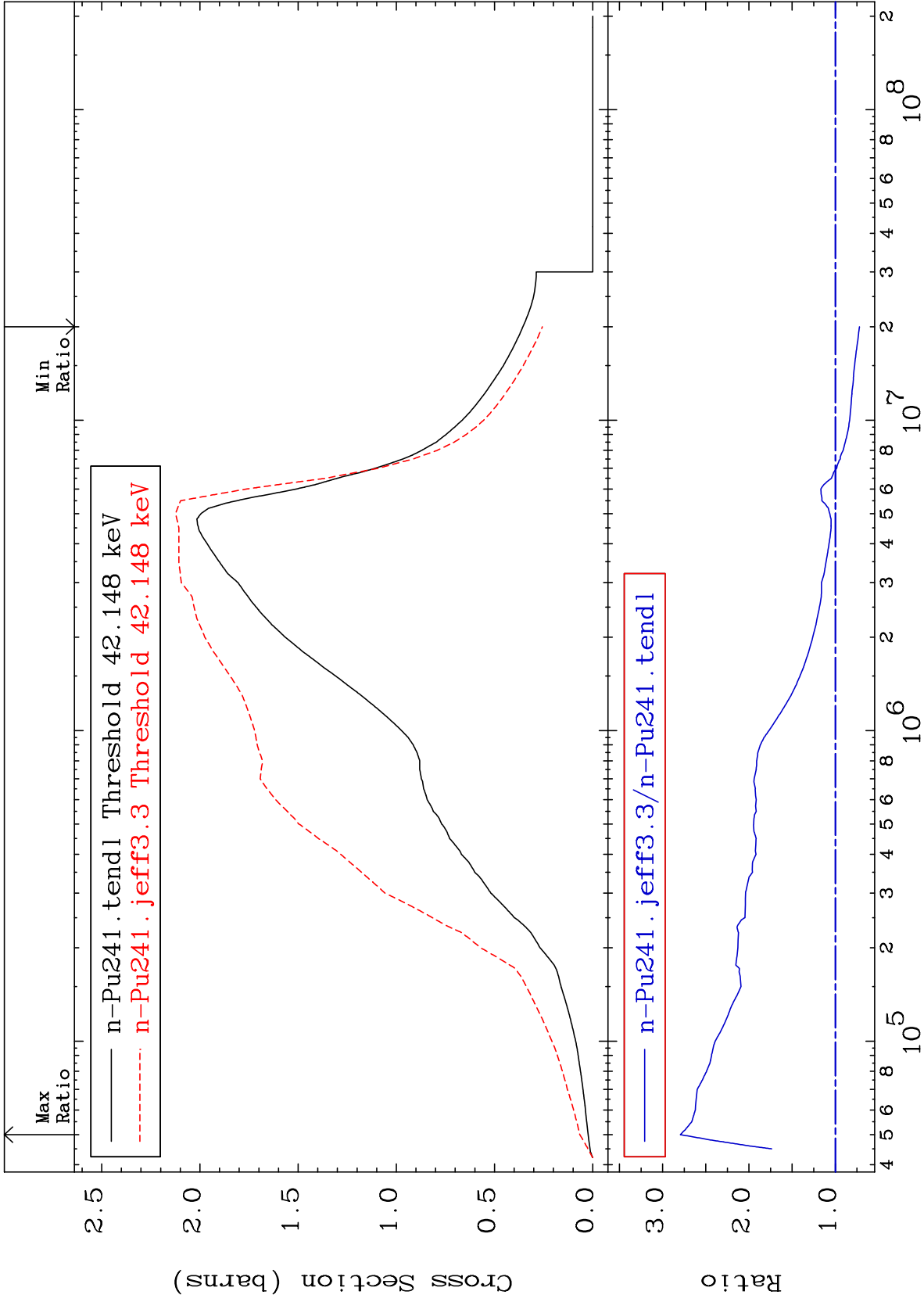
94-Pu-241  
2.052 To 2.052 %



MAT 9443

Inelastic  
Cross Section

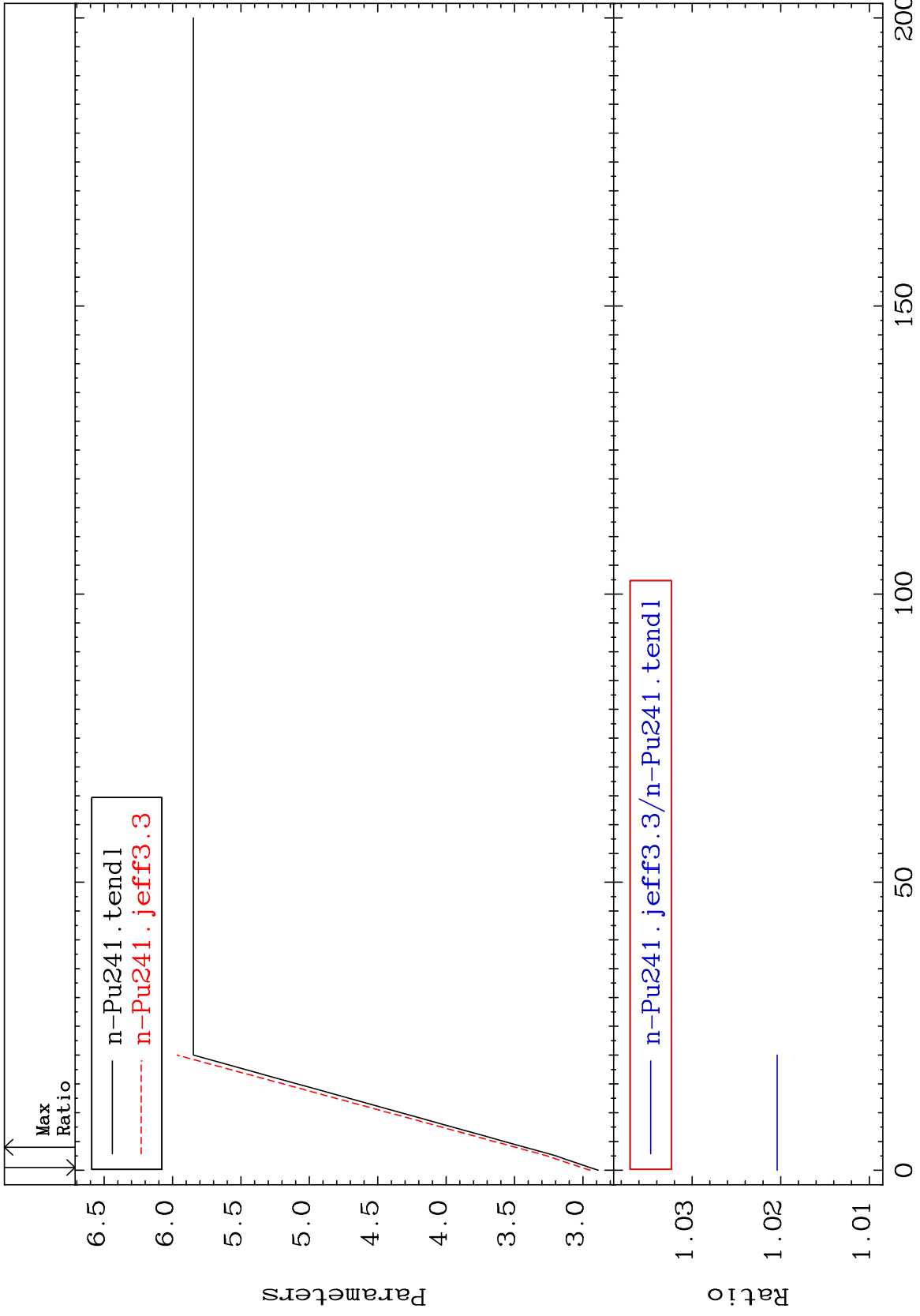
94-Pu-241  
-27.88 To 179.4 %



MAT 9443

Total  $\bar{\nu}$   
Parameters

94-Pu-241  
2.041 To 2.041 %



Incident Energy (MeV)

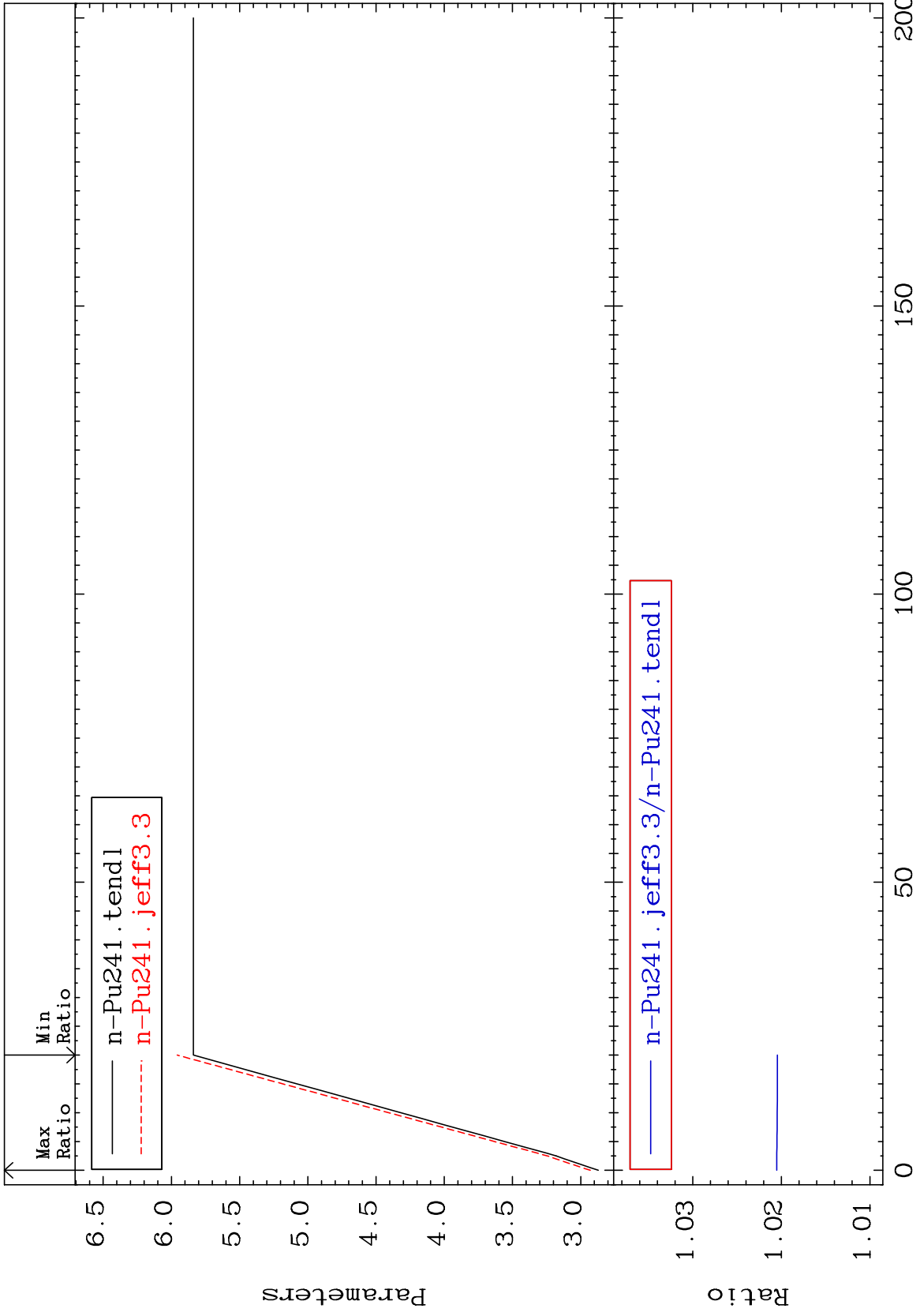
94-Pu-241

1

MAT 9443

Prompt  $\bar{\nu}$   
Parameters

94-Pu-241  
2.044 To 2.052 %



2

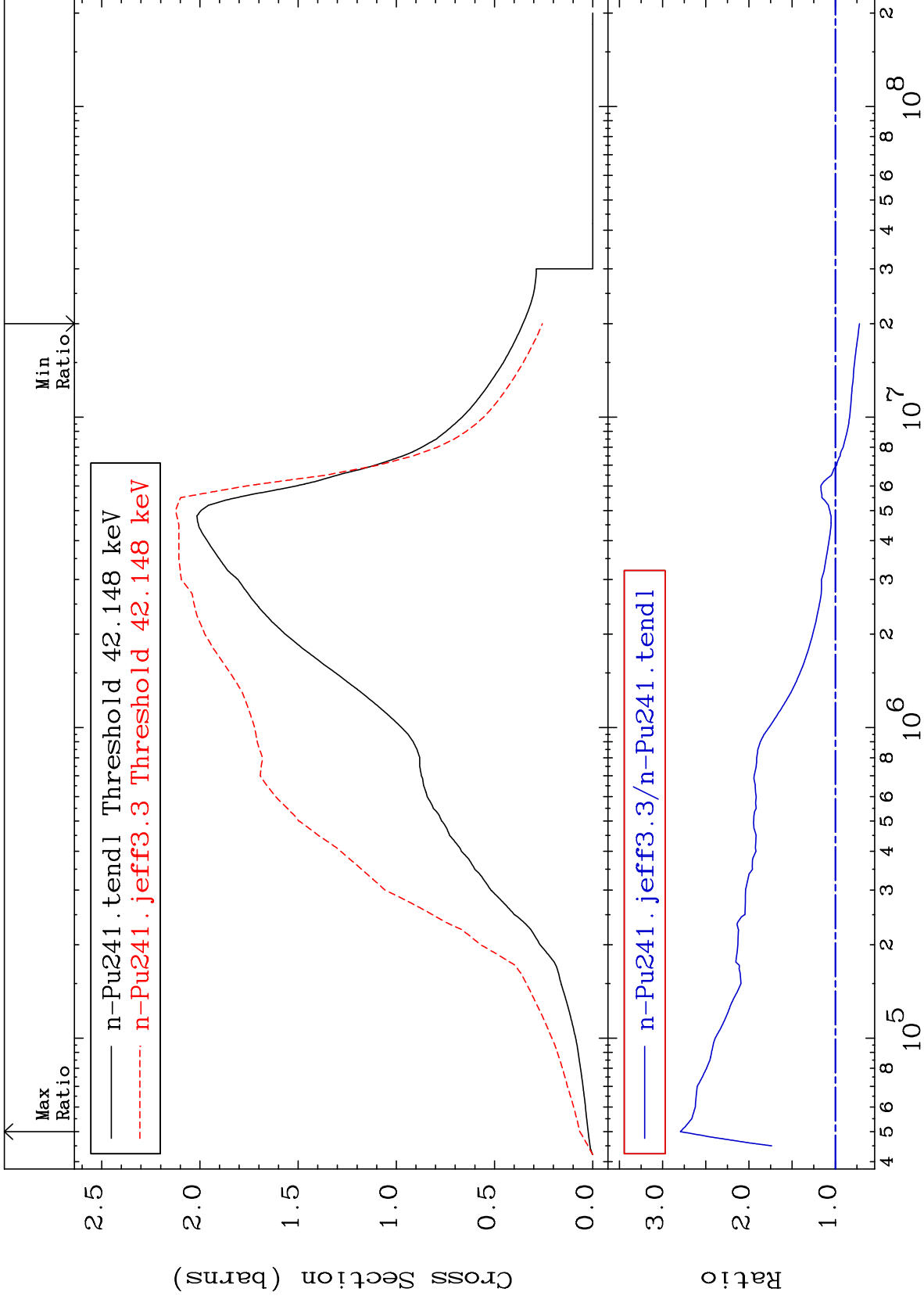
Incident Energy (MeV)

94-Pu-241

MAT 9443

Inelastic  
Cross Section

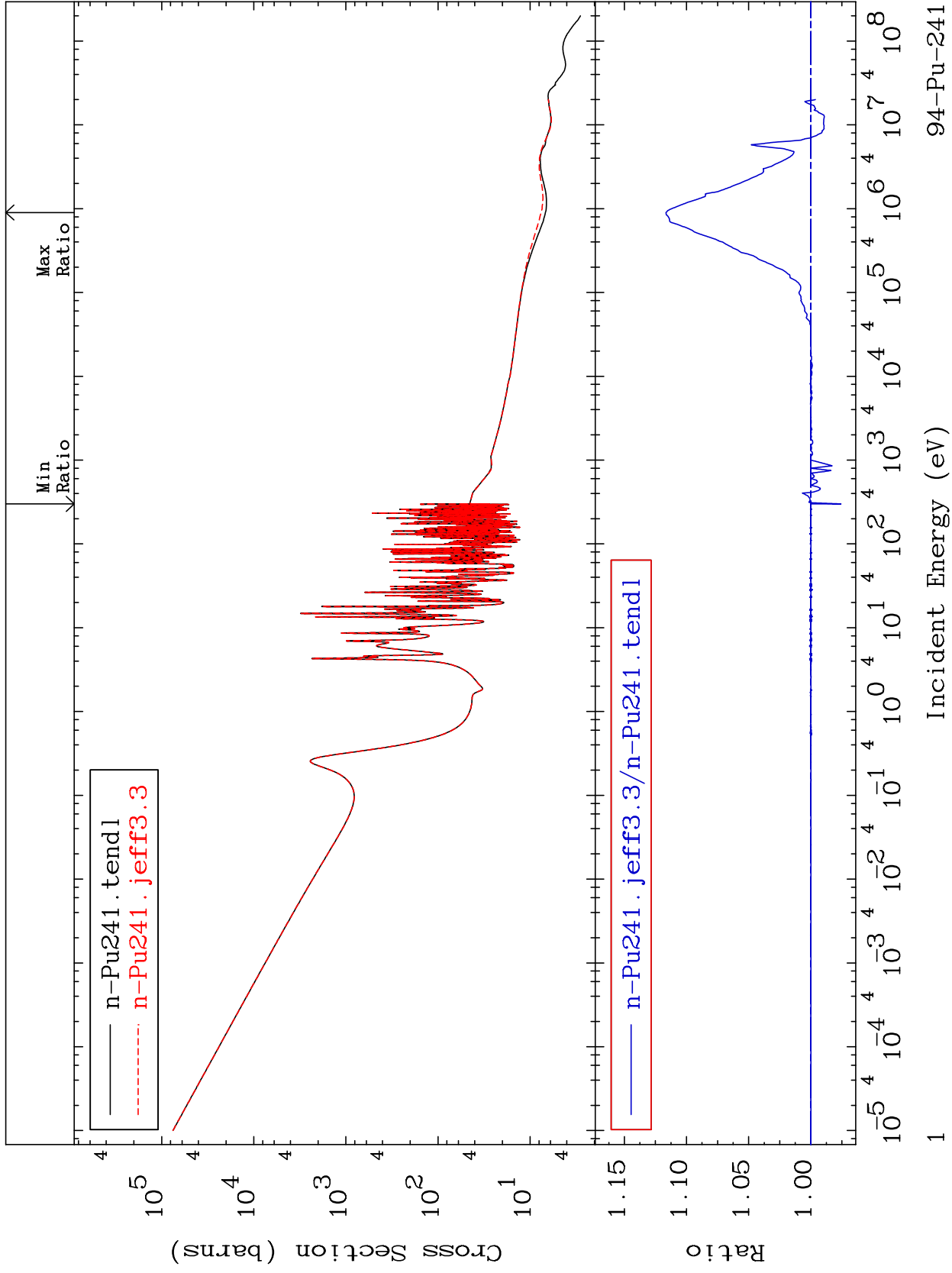
94-Pu-241  
-27.88 To 179.4 %



MAT 9443

Total  
Cross Section

94-Pu-241  
-2.414 To 11.65 %



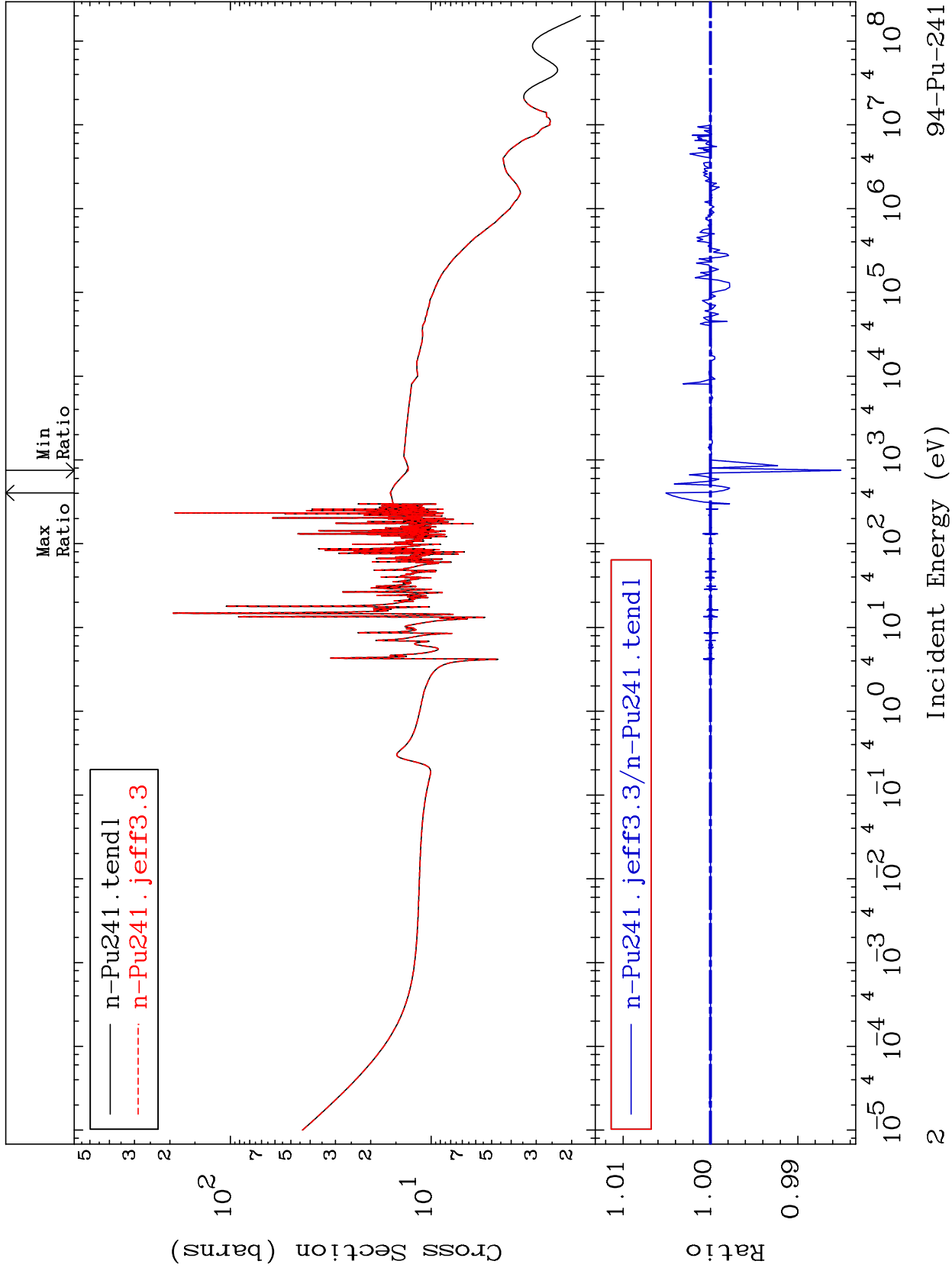
MAT 9443

Elastic

94-Pu-241

Cross Section

-1.493 To 0.509 %



Incident Energy (eV)

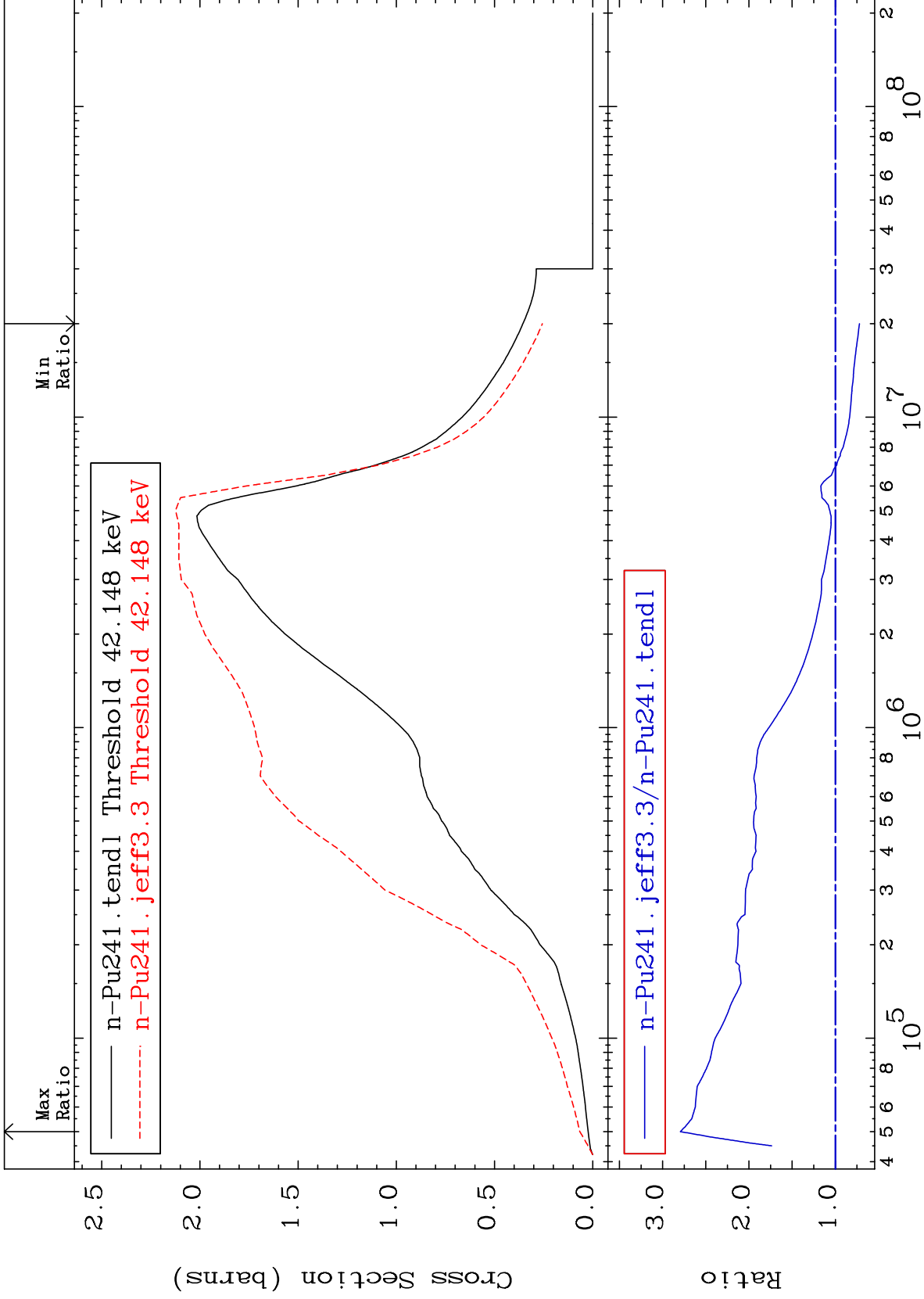
94-Pu-241



MAT 9443

Inelastic  
Cross Section

94-Pu-241  
-27.88 To 179.4 %



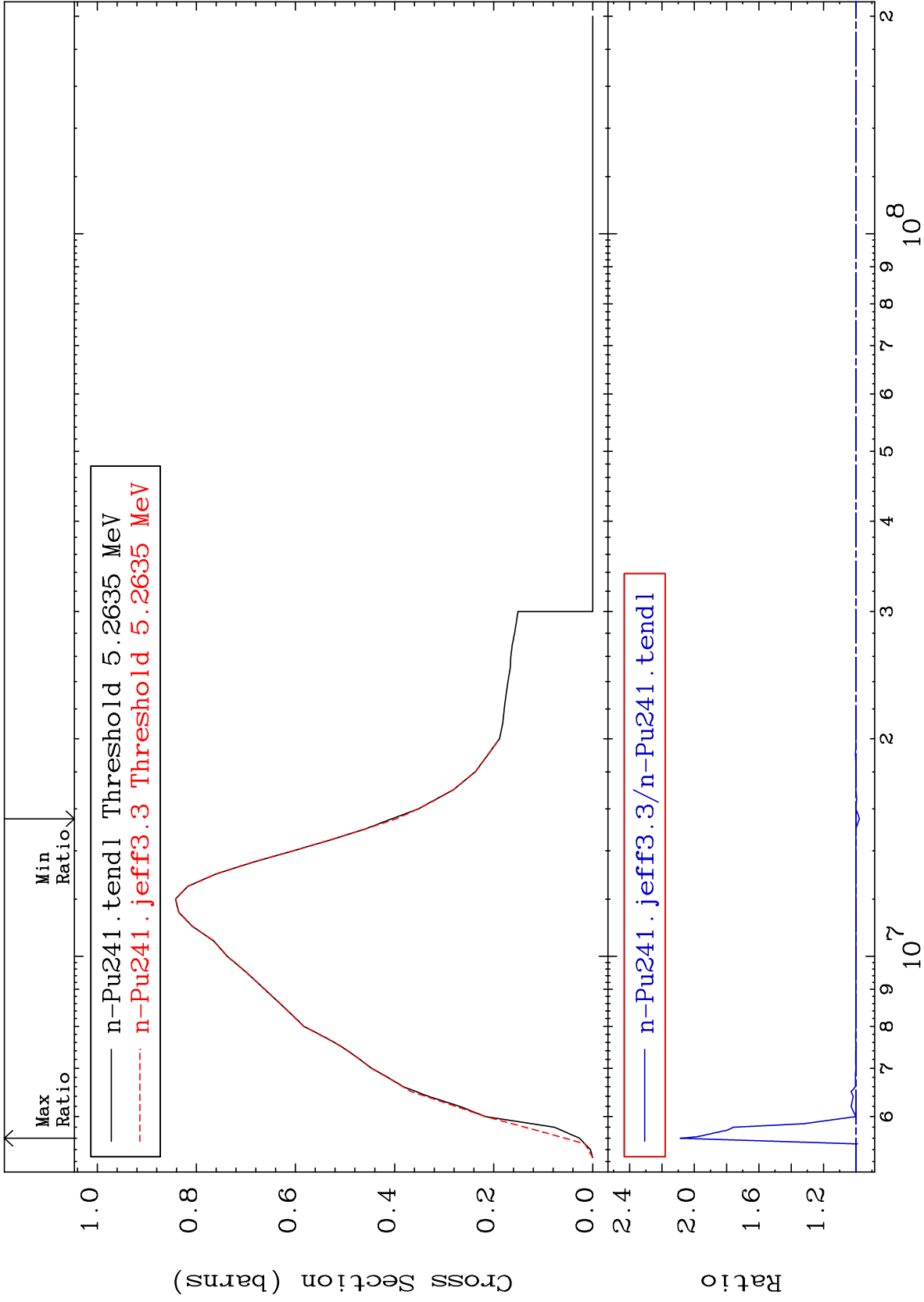
MAT 9443

(n,2n)

94-Pu-241

Cross Section

-2.232 To 108.6 %



4

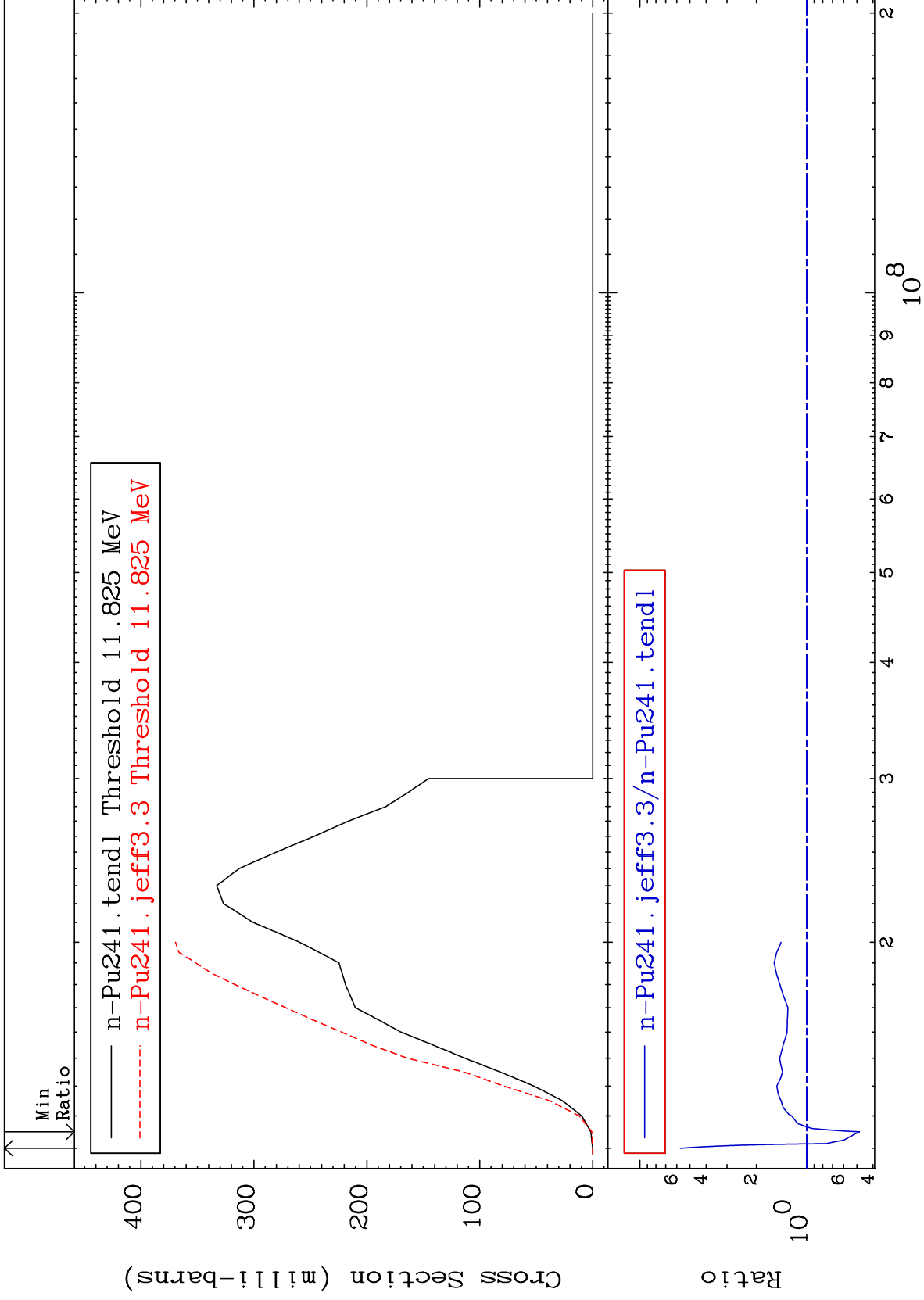
94-Pu-241

94-Pu-241

MAT 9443

(n,3n)  
Cross Section

94-Pu-241  
-51.74 To 471.2 %



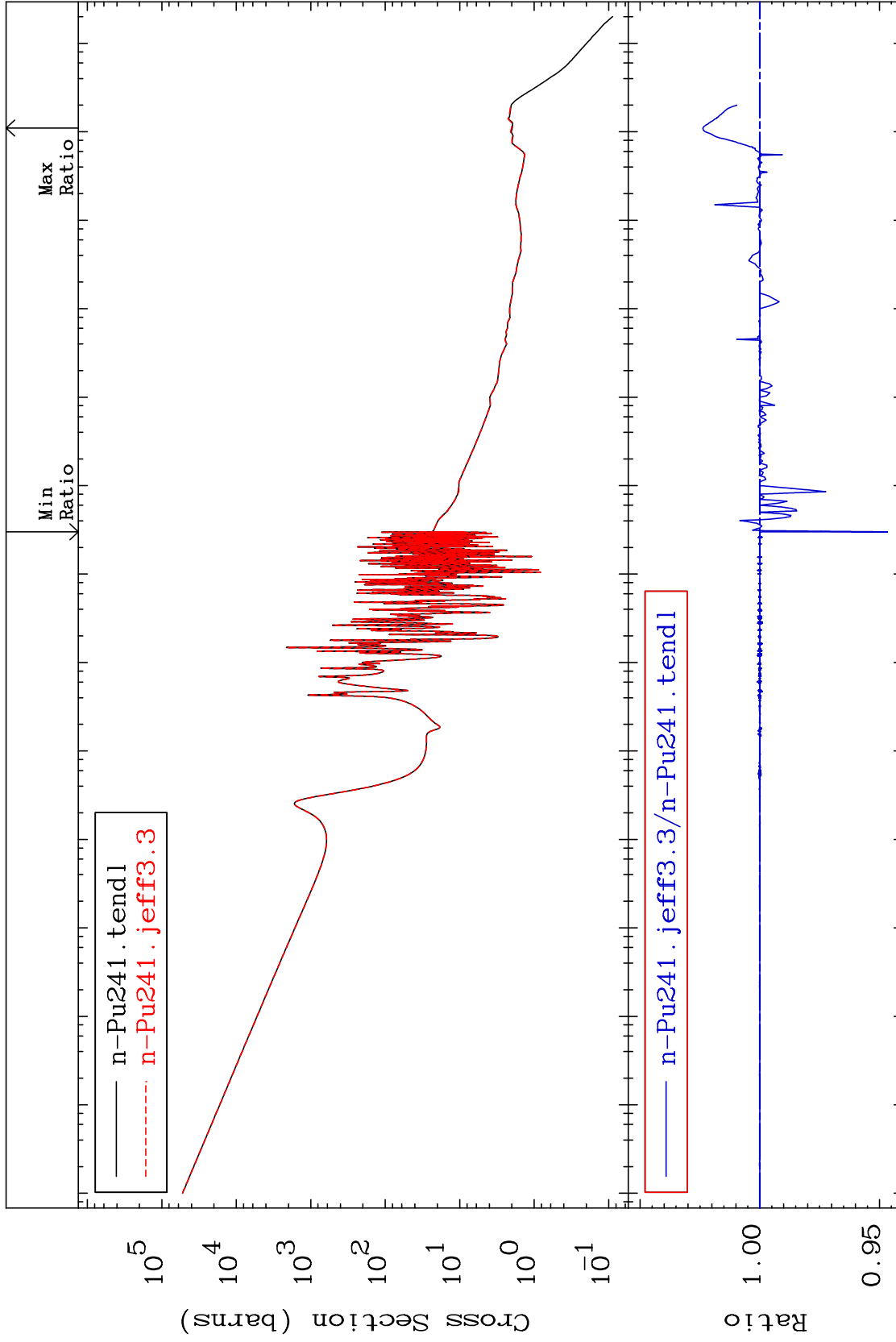
MAT 9443

Fission

94-Pu-241

Cross Section

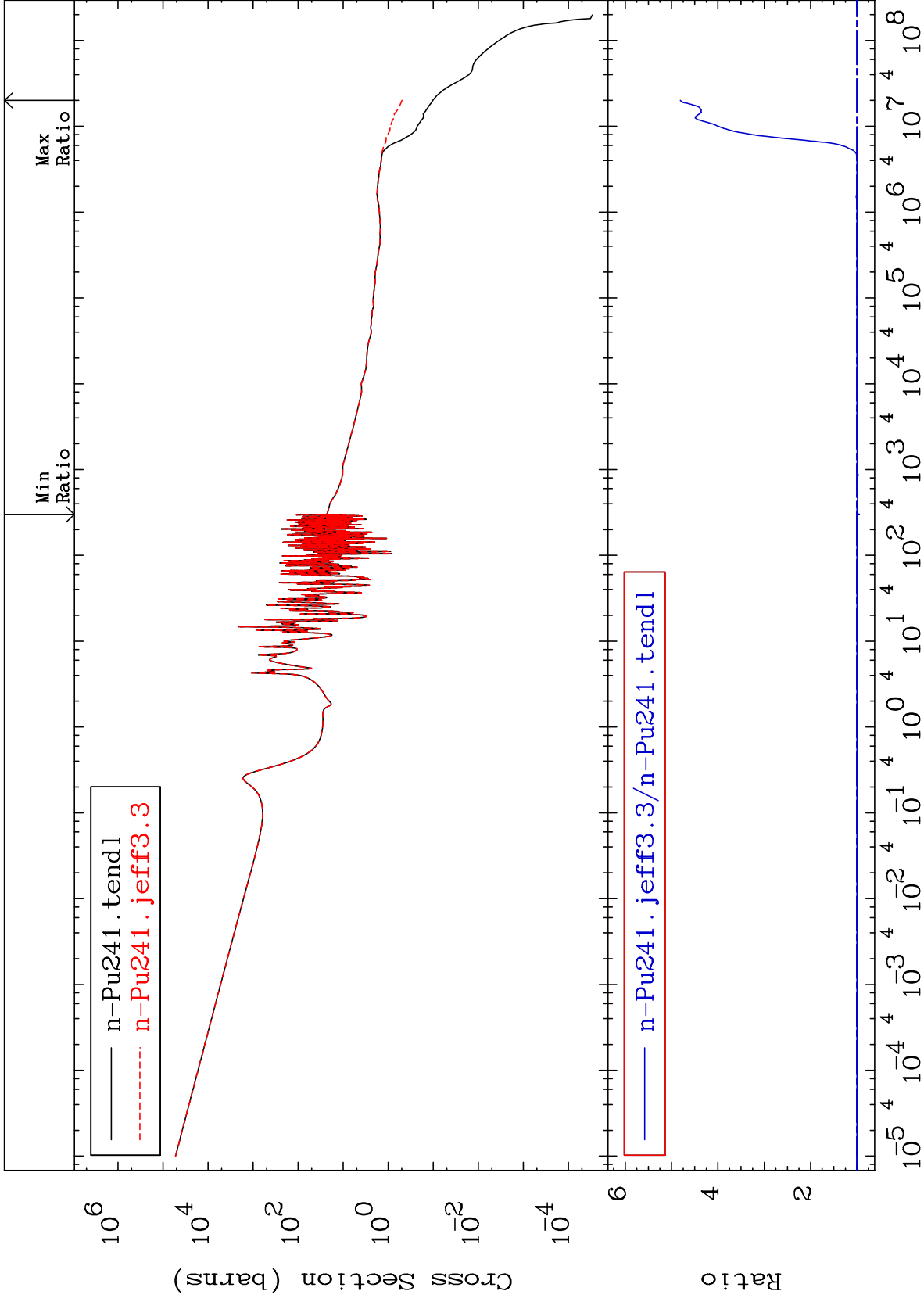
-5.337 To 2.378 %



MAT 9443

(n,f) First Chance  
Cross Section

94-Pu-241  
-5.337 To 381.0 %



Incident Energy (eV)

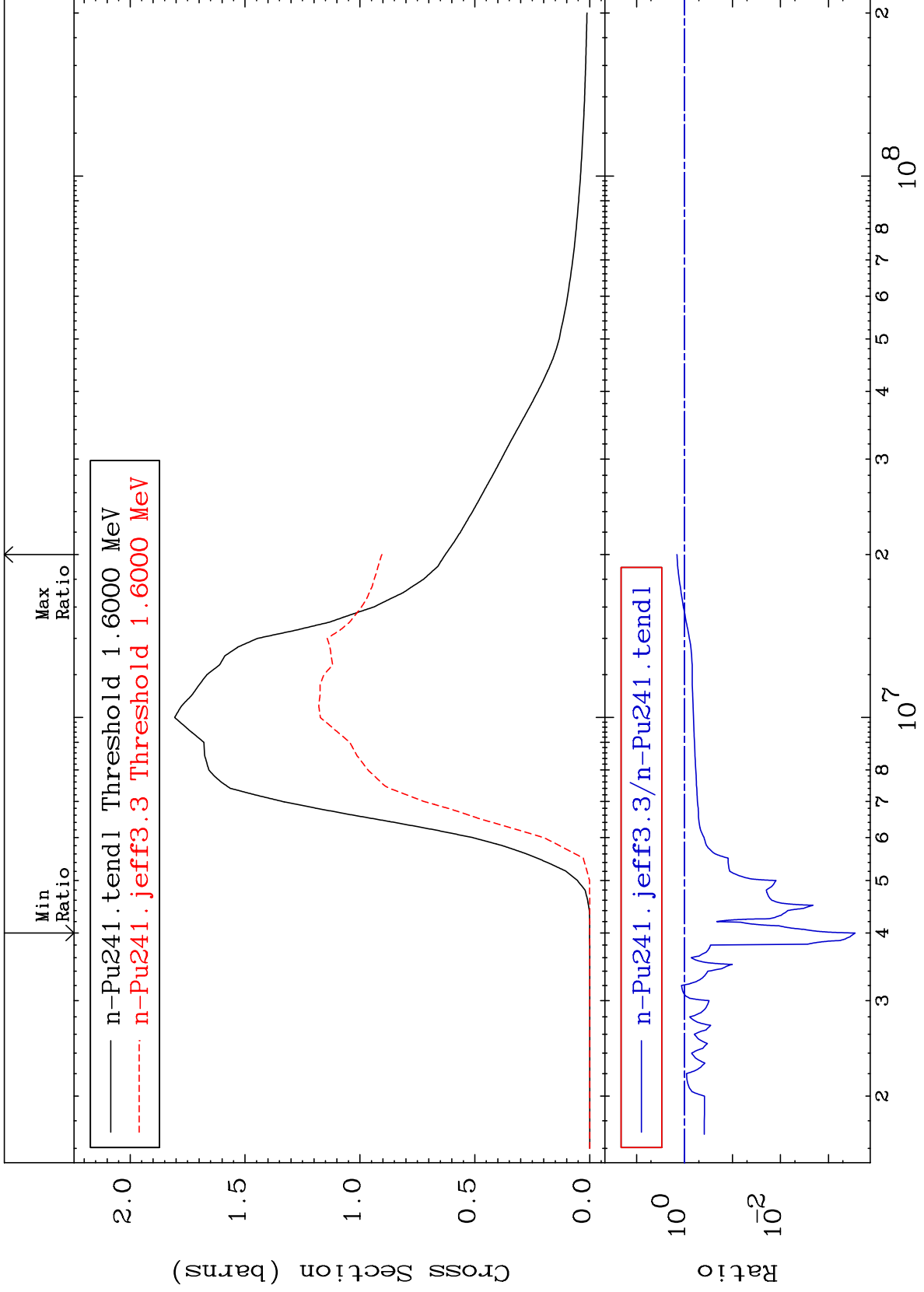
94-Pu-241

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MAT 9443

(n, nf) Second Chance  
Cross Section

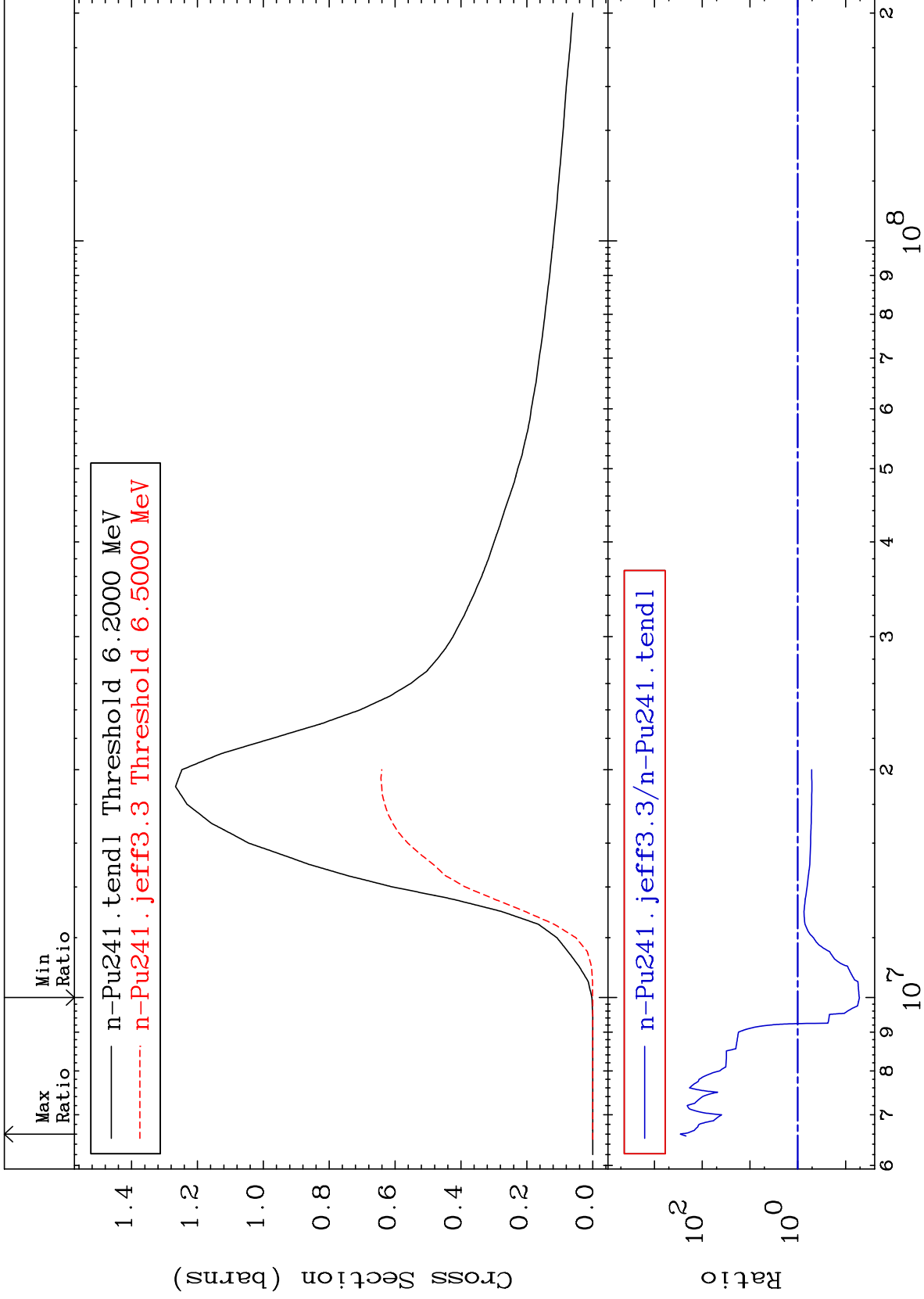
94-Pu-241  
-99.97 To 44.05 %



MAT 9443

(n,2nf) Third Chance  
Cross Section

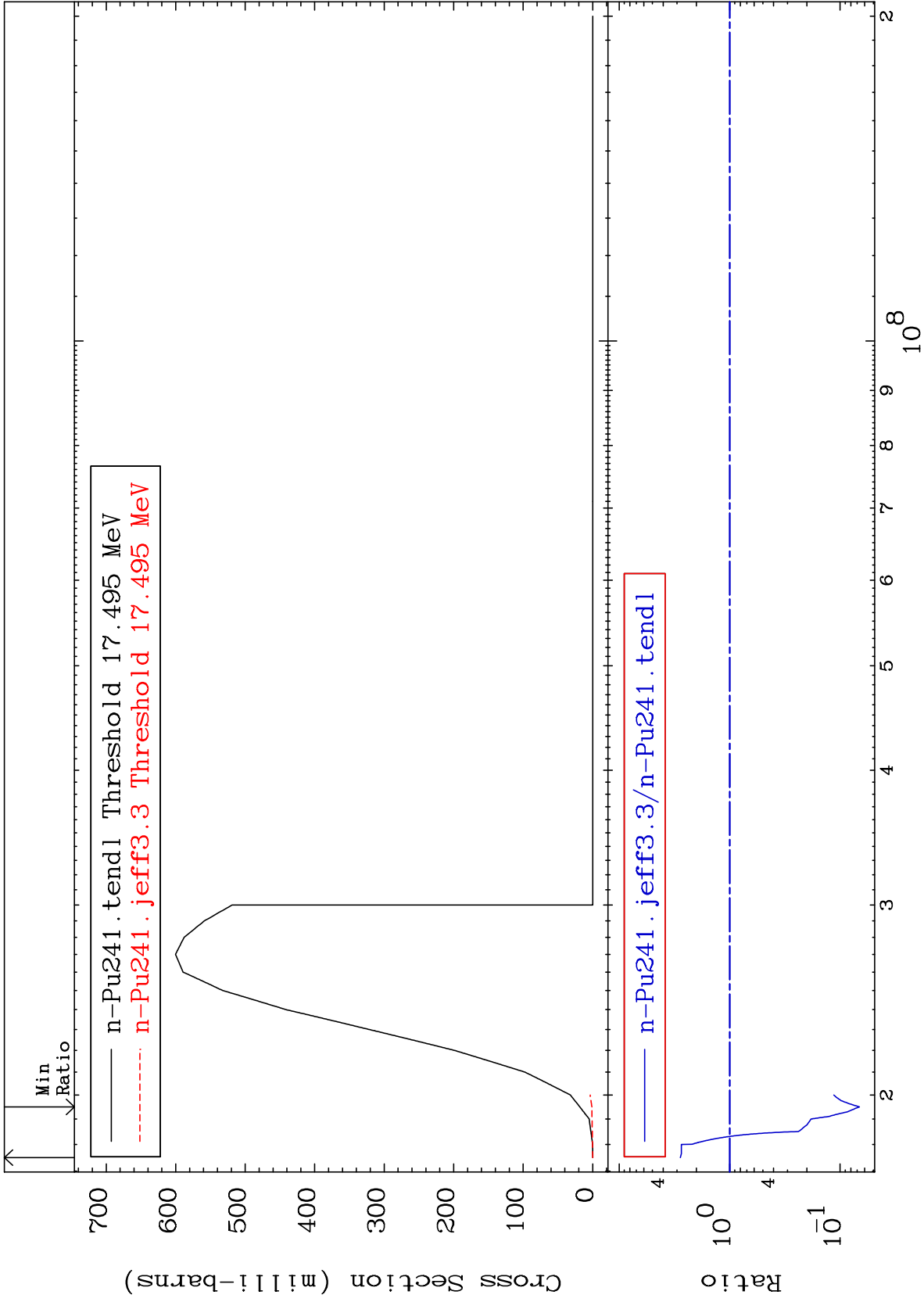
94-Pu-241  
-94.87 To 9999. %



MAT 9443

(n,4n)  
Cross Section

94-Pu-241  
-93.32 To 179.5 %



10

Incident Energy (eV)

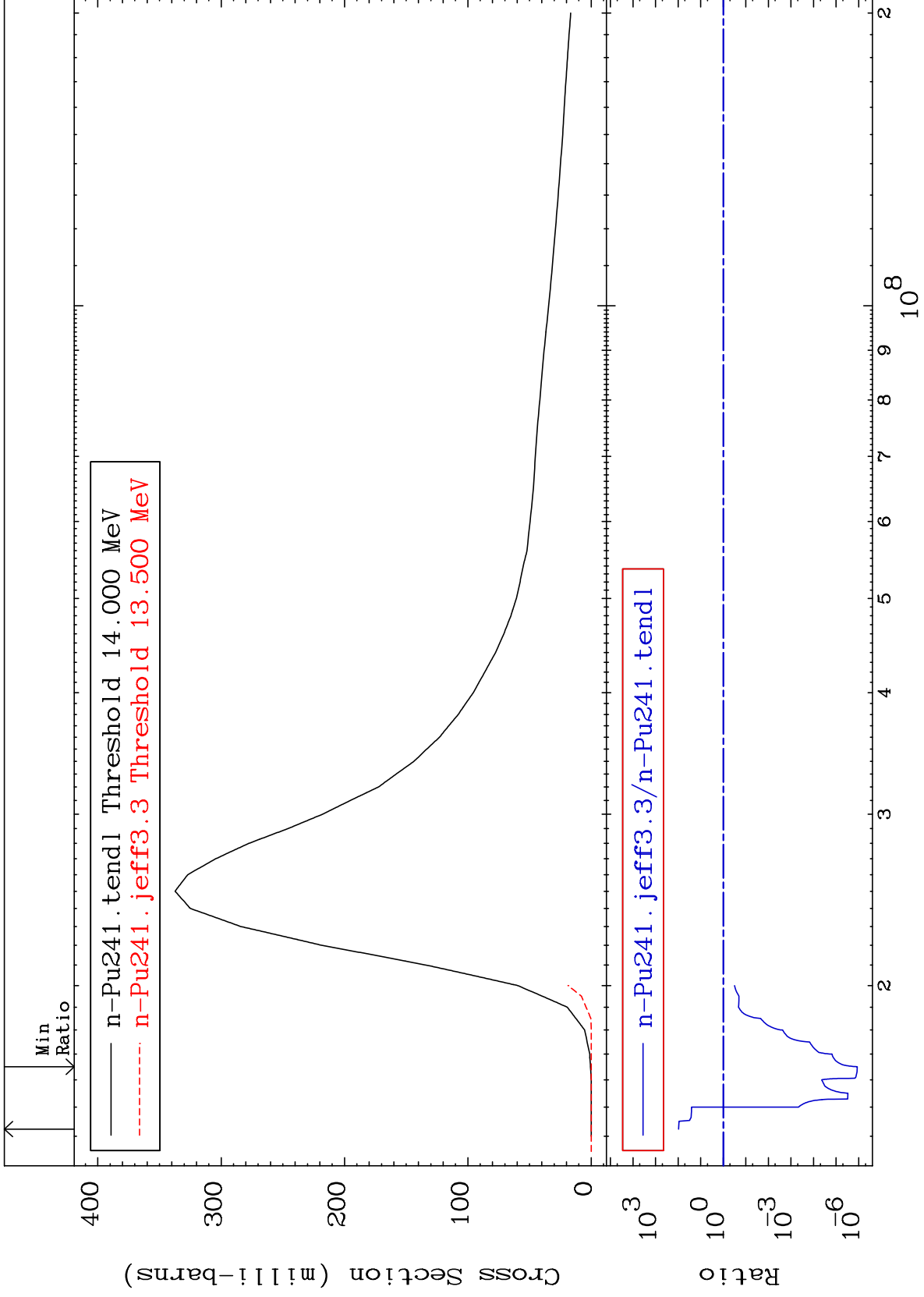
94-Pu-241



MAT 9443

(n,3nf) Fourth Chance  
Cross Section

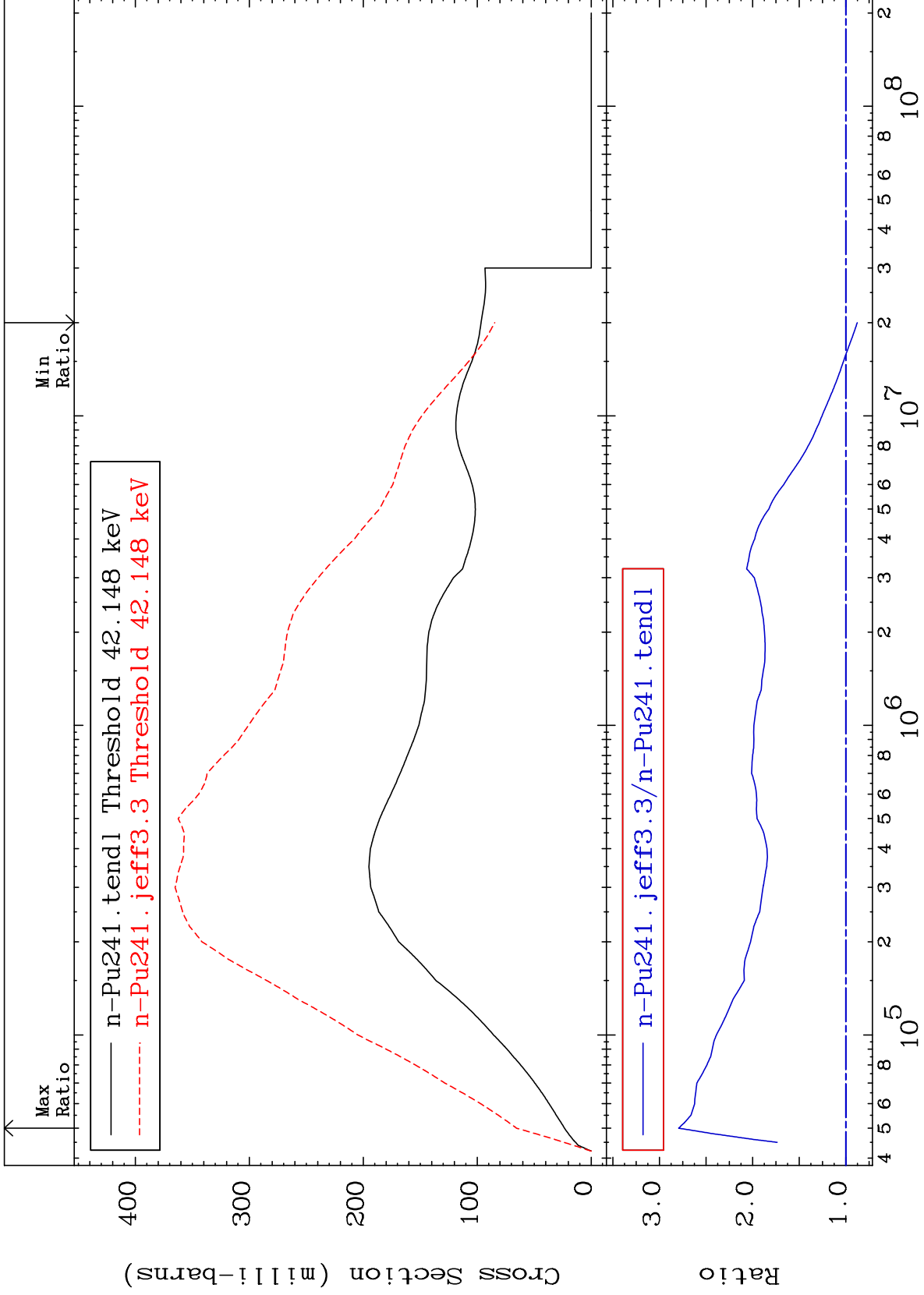
94-Pu-241  
-100.0 To 9367. %



MAT 9443

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

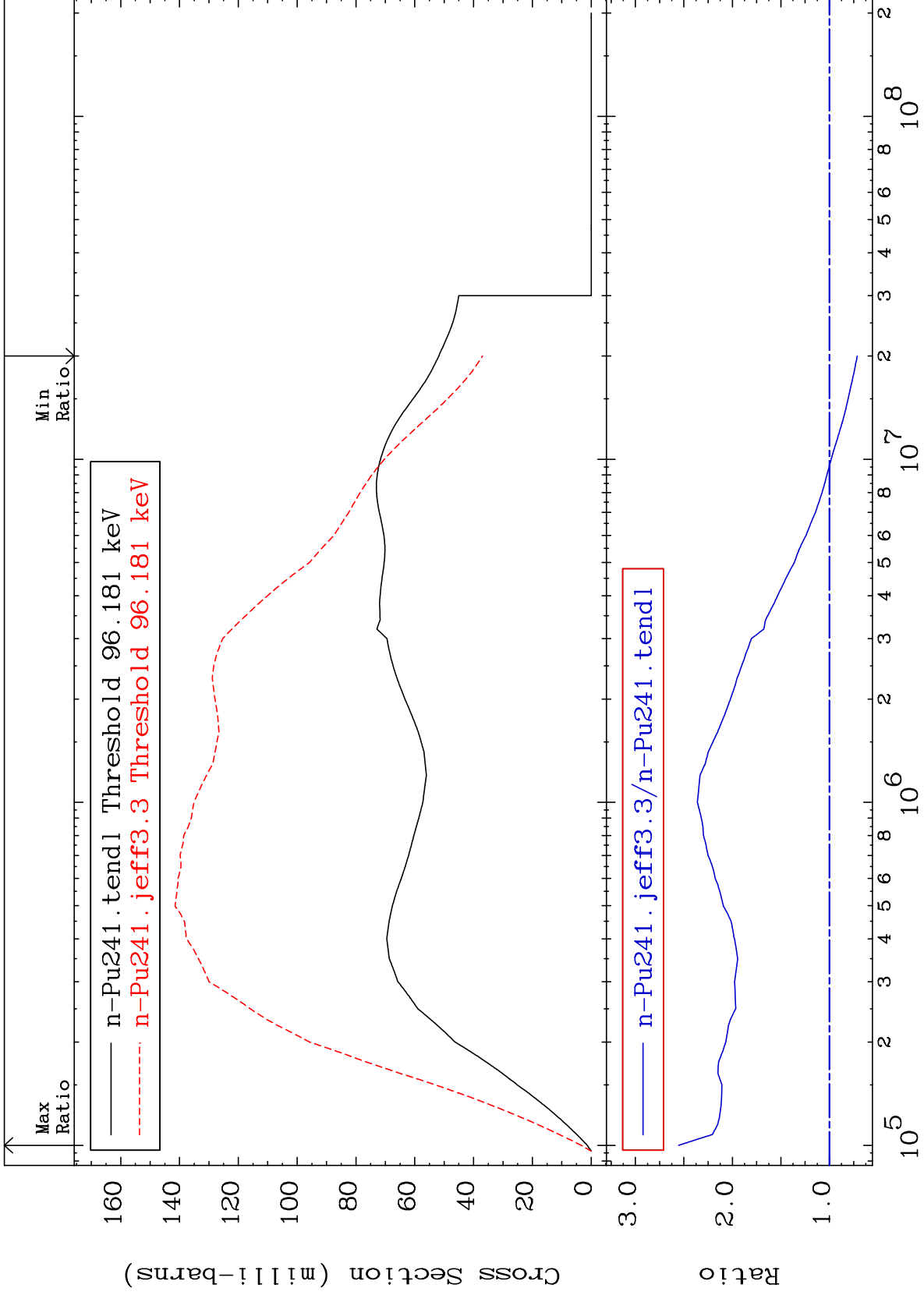
94-Pu-241  
-12.33 To 179.4 %



MAT 9443

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

94-Pu-241  
-28.73 To 155.4 %



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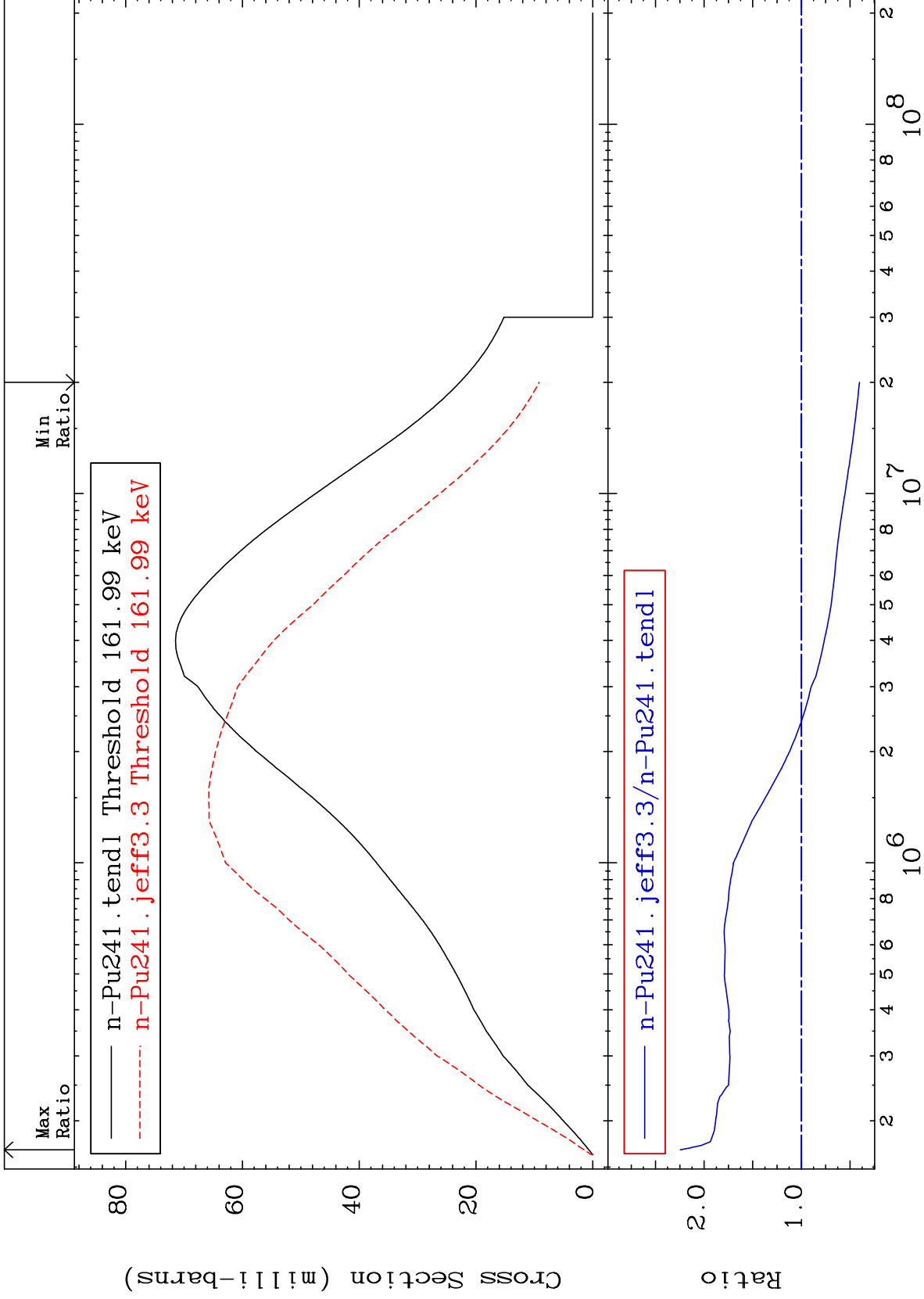
Incident Energy (eV)

94-Pu-241

MAT 9443

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

94-Pu-241  
-59.72 To 124.5 %



14

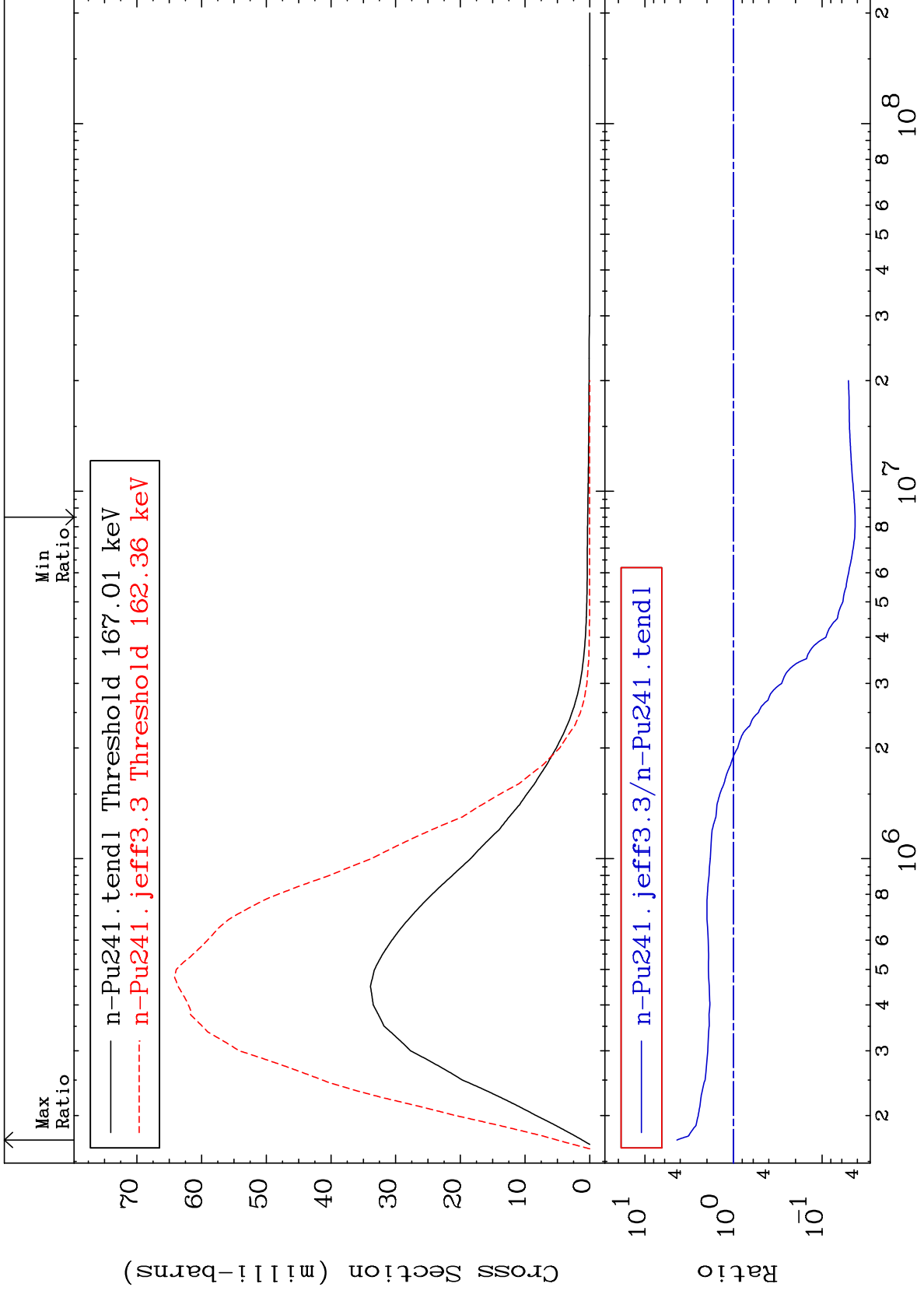
Incident Energy (eV)

94-Pu-241

MAT 9443

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

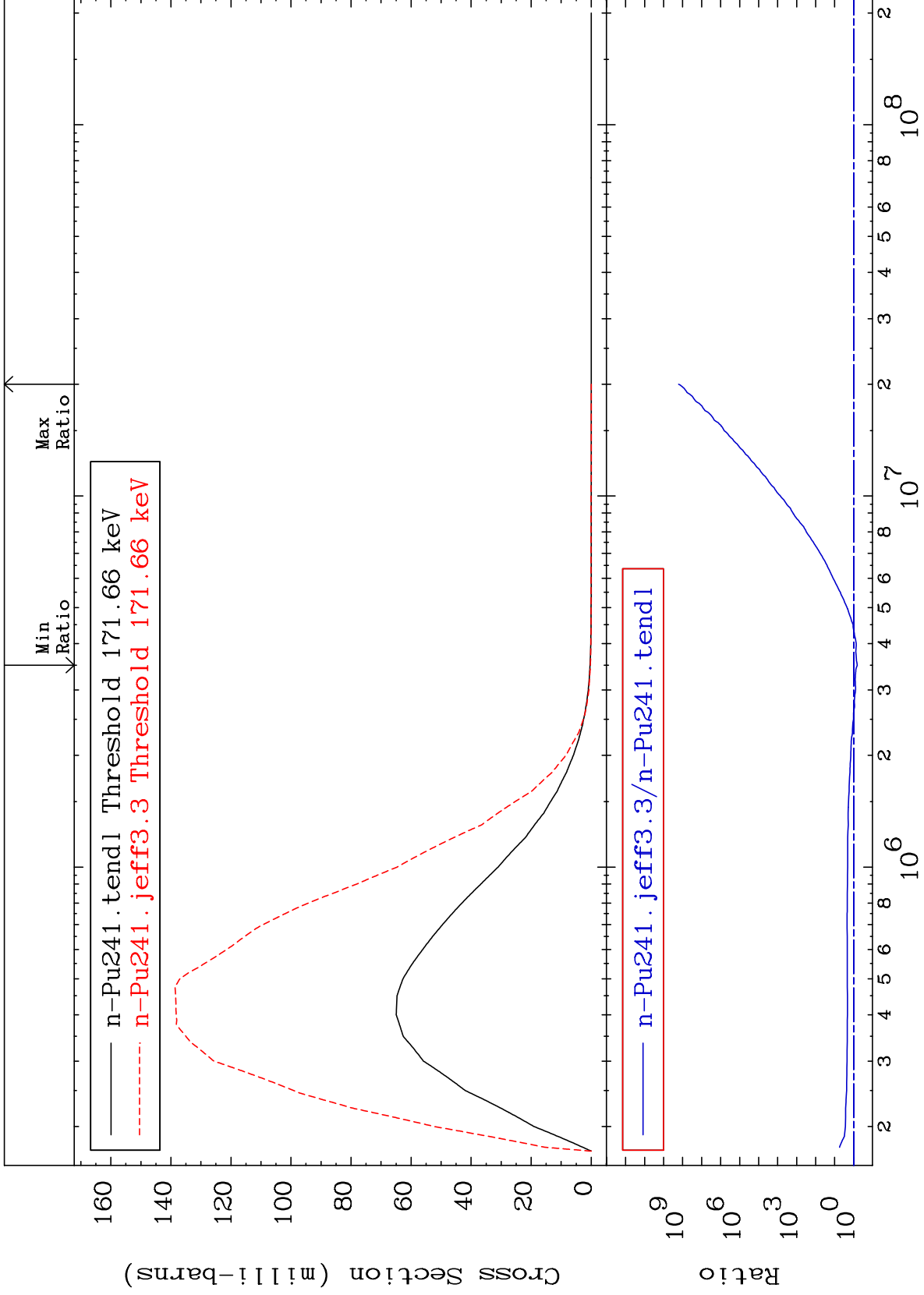
94-Pu-241  
-95.75 To 335.8 %



MAT 9443

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

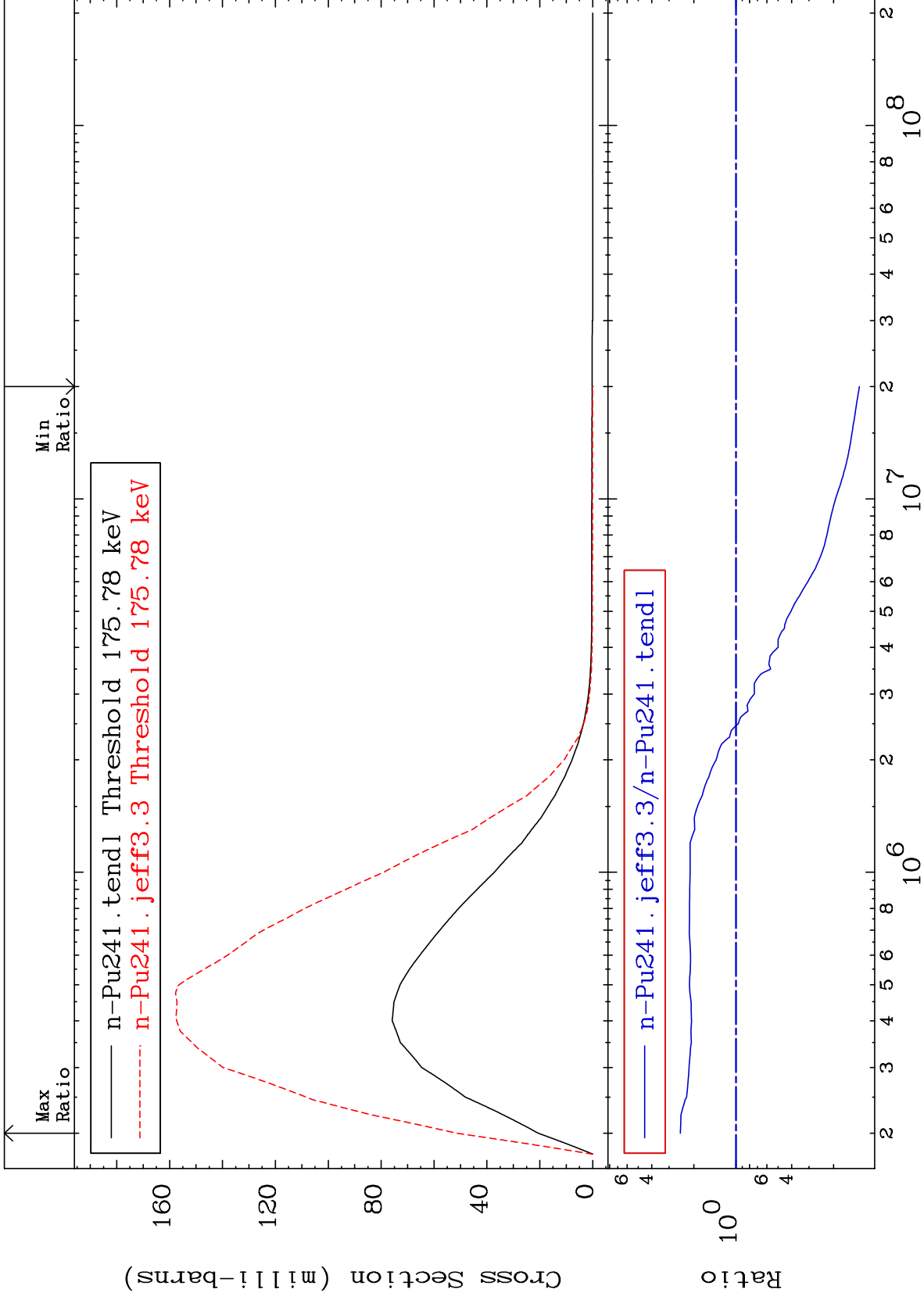
94-Pu-241  
-35.24 To 9999. %



MAT 9443

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

94-Pu-241  
-86.91 To 149.5 %



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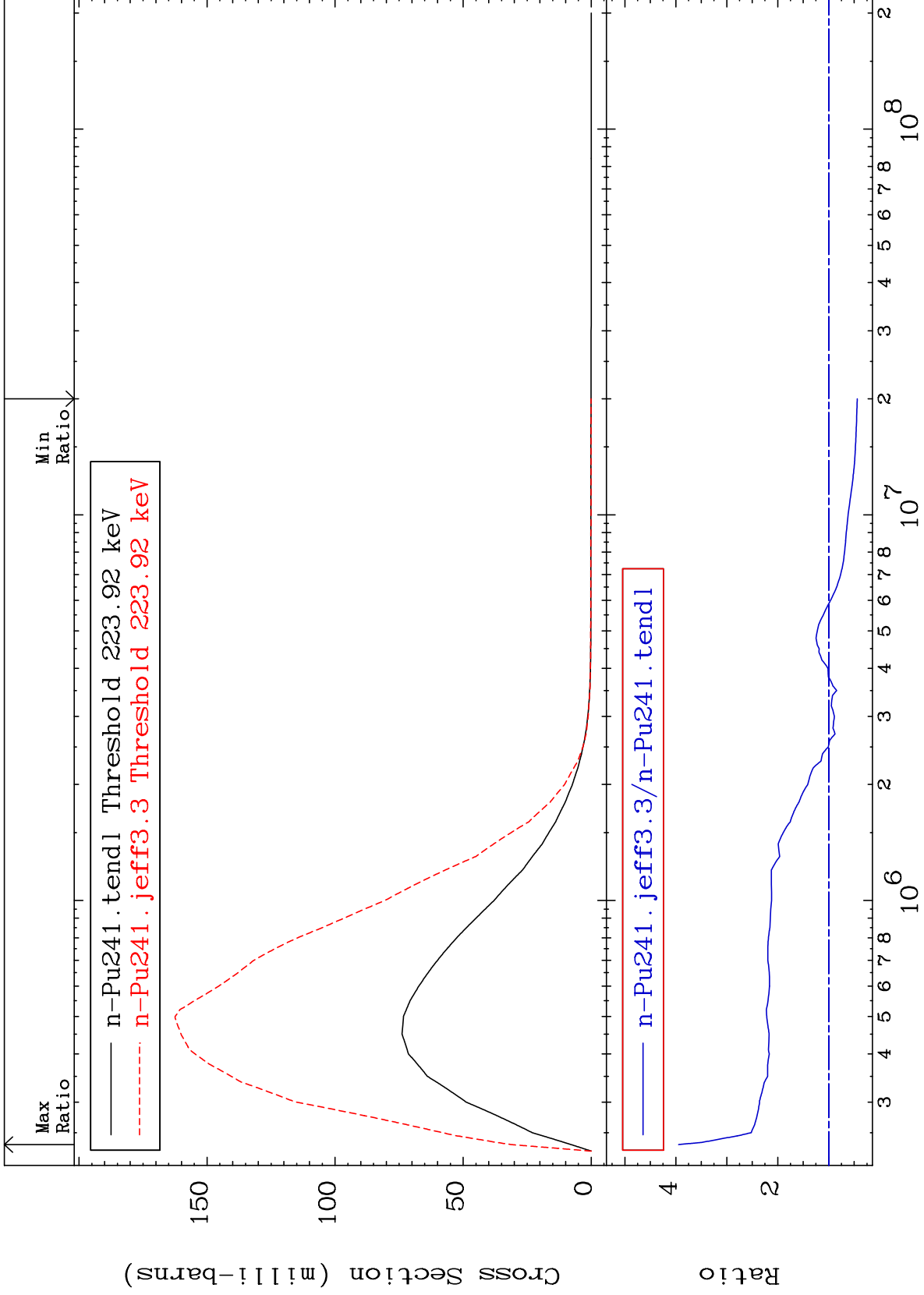
Incident Energy (eV)

94-Pu-241

MAT 9443

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

94-Pu-241  
-56.03 To 294.5 %

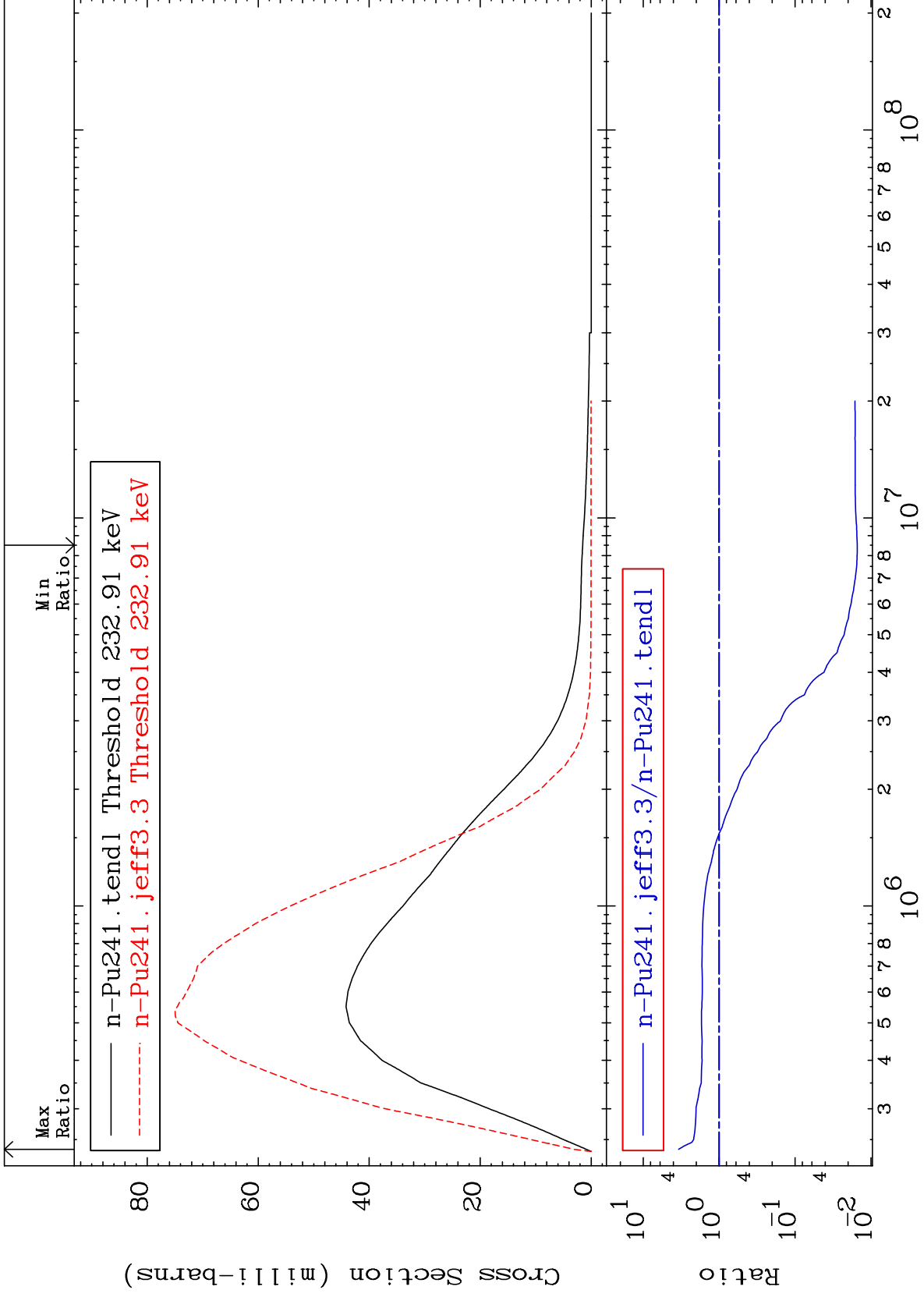




MAT 9443

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

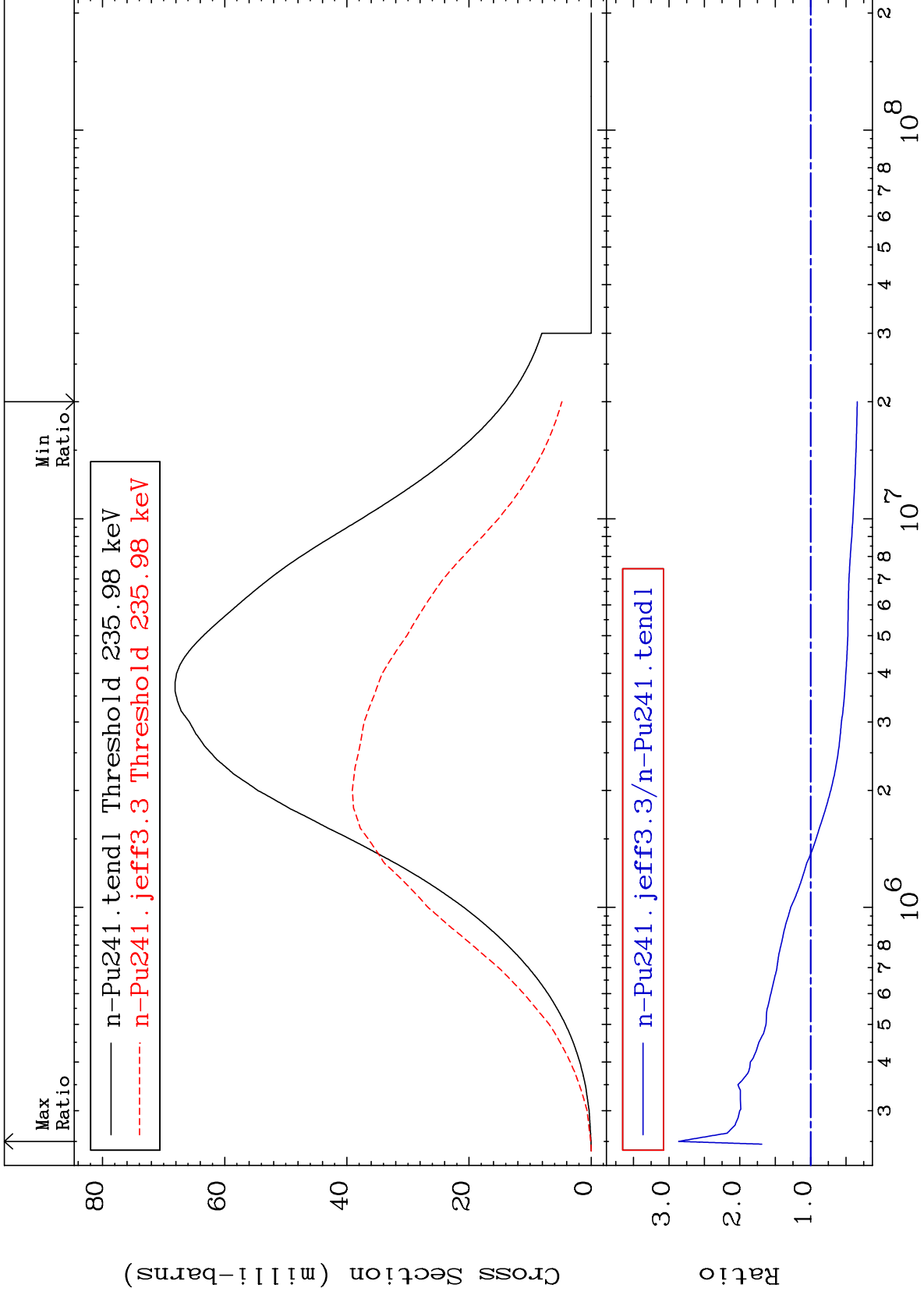
94-Pu-241  
-98.48 To 241.5 %



MAT 9443

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

94-Pu-241  
-65.77 To 186.3 %



20

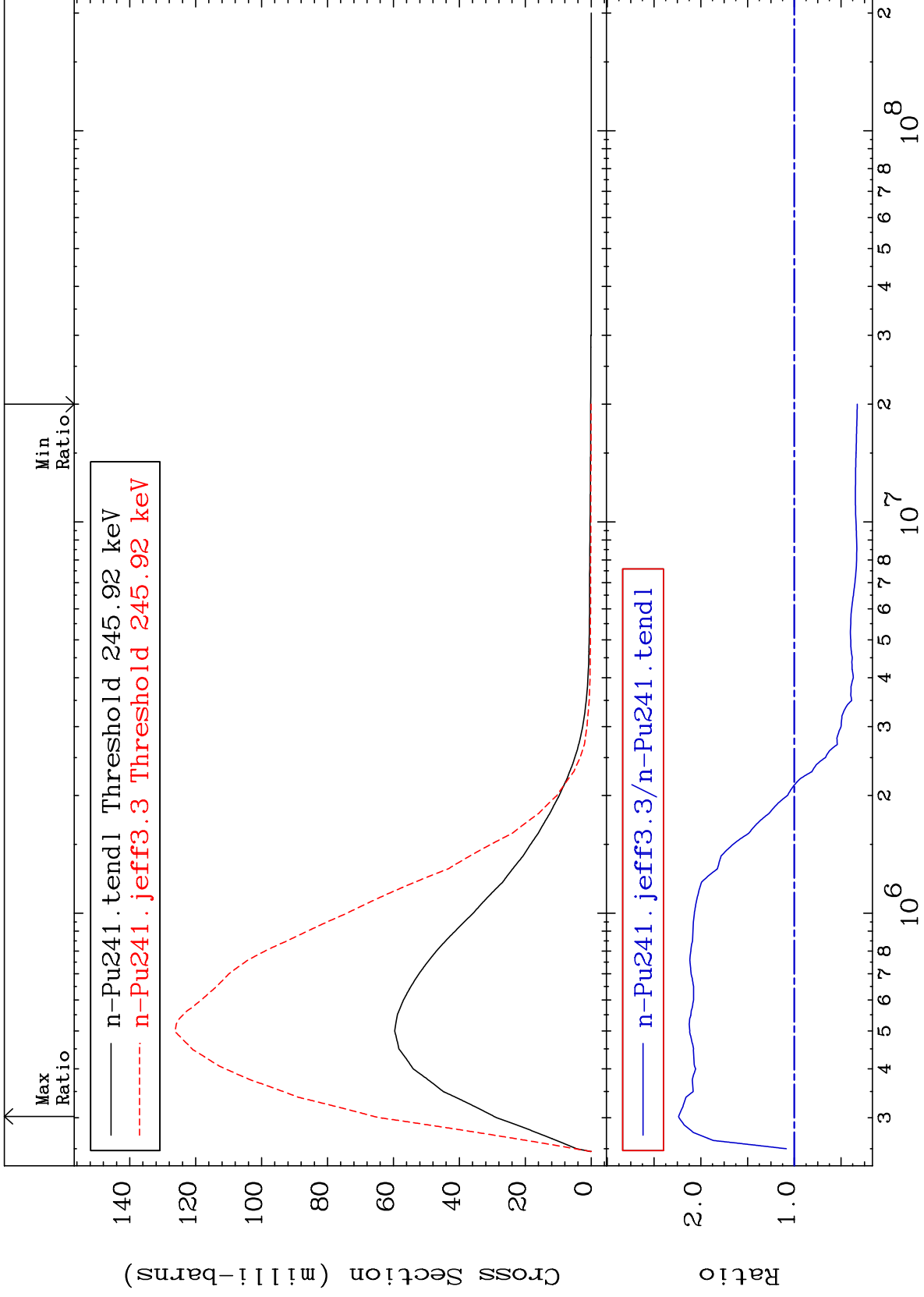
Incident Energy (eV)

94-Pu-241

MAT 9443

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

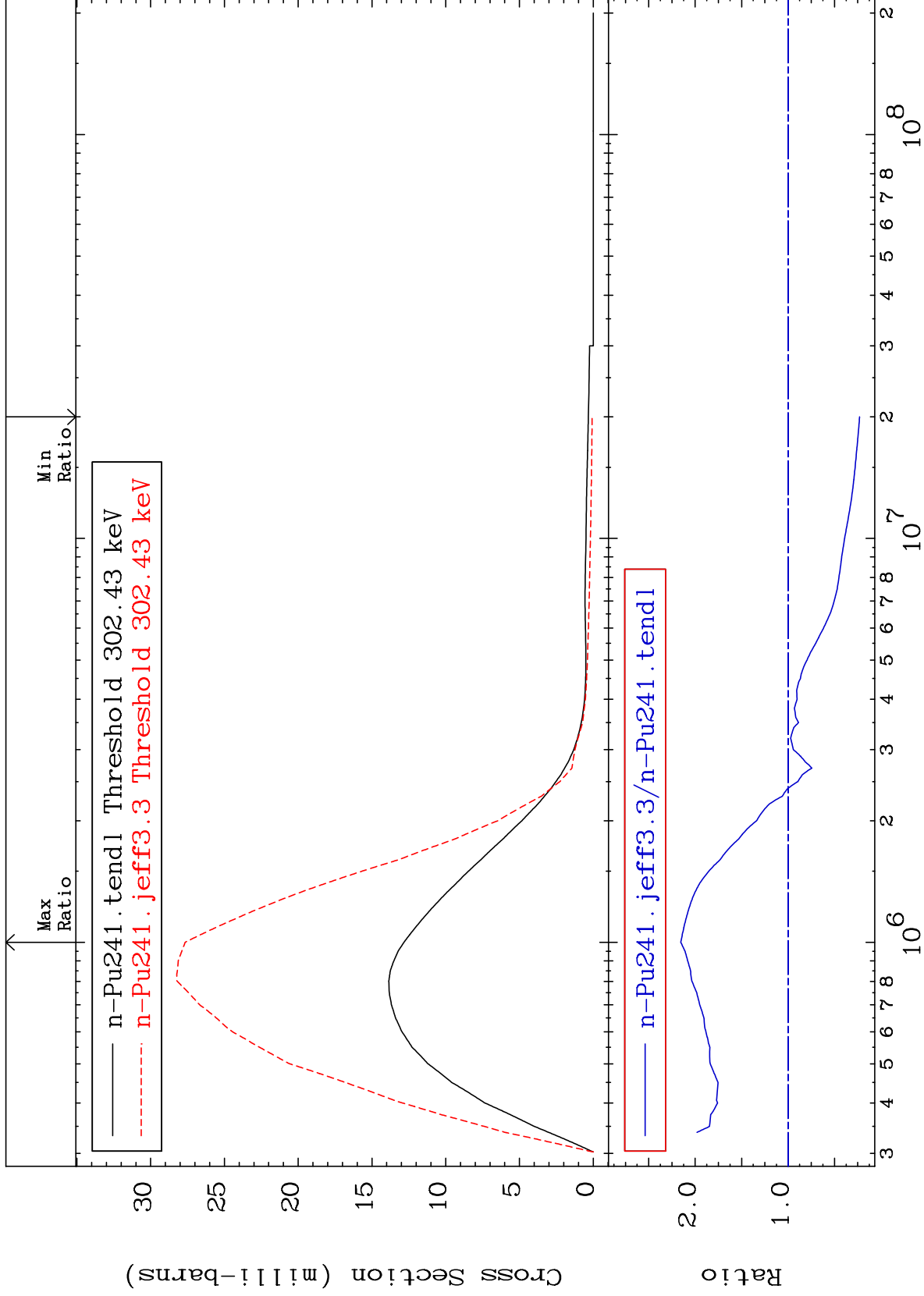
94-Pu-241  
-67.33 To 123.7 %



MAT 9443

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

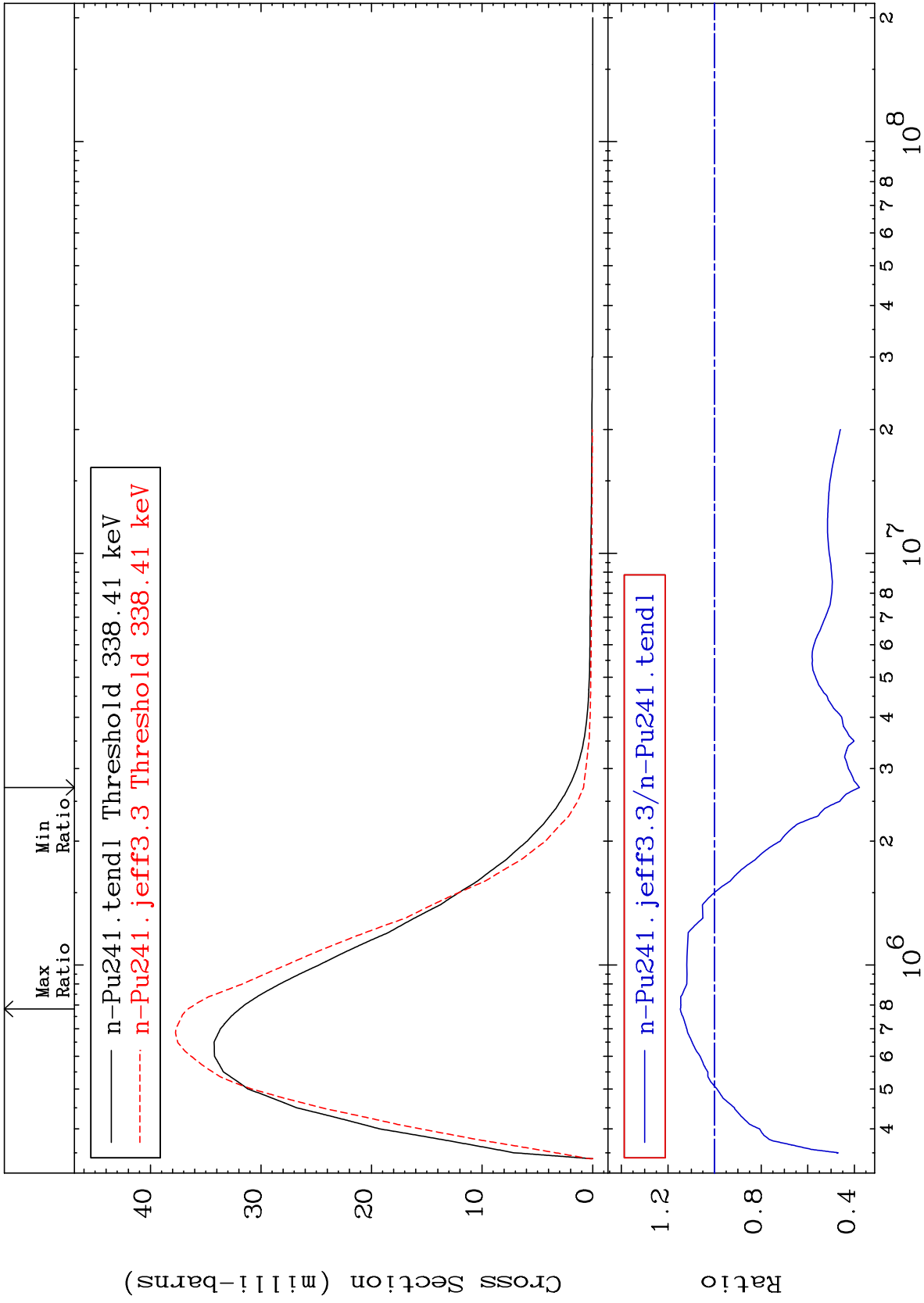
94-Pu-241  
-76.94 To 115.5 %



MAT 9443

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

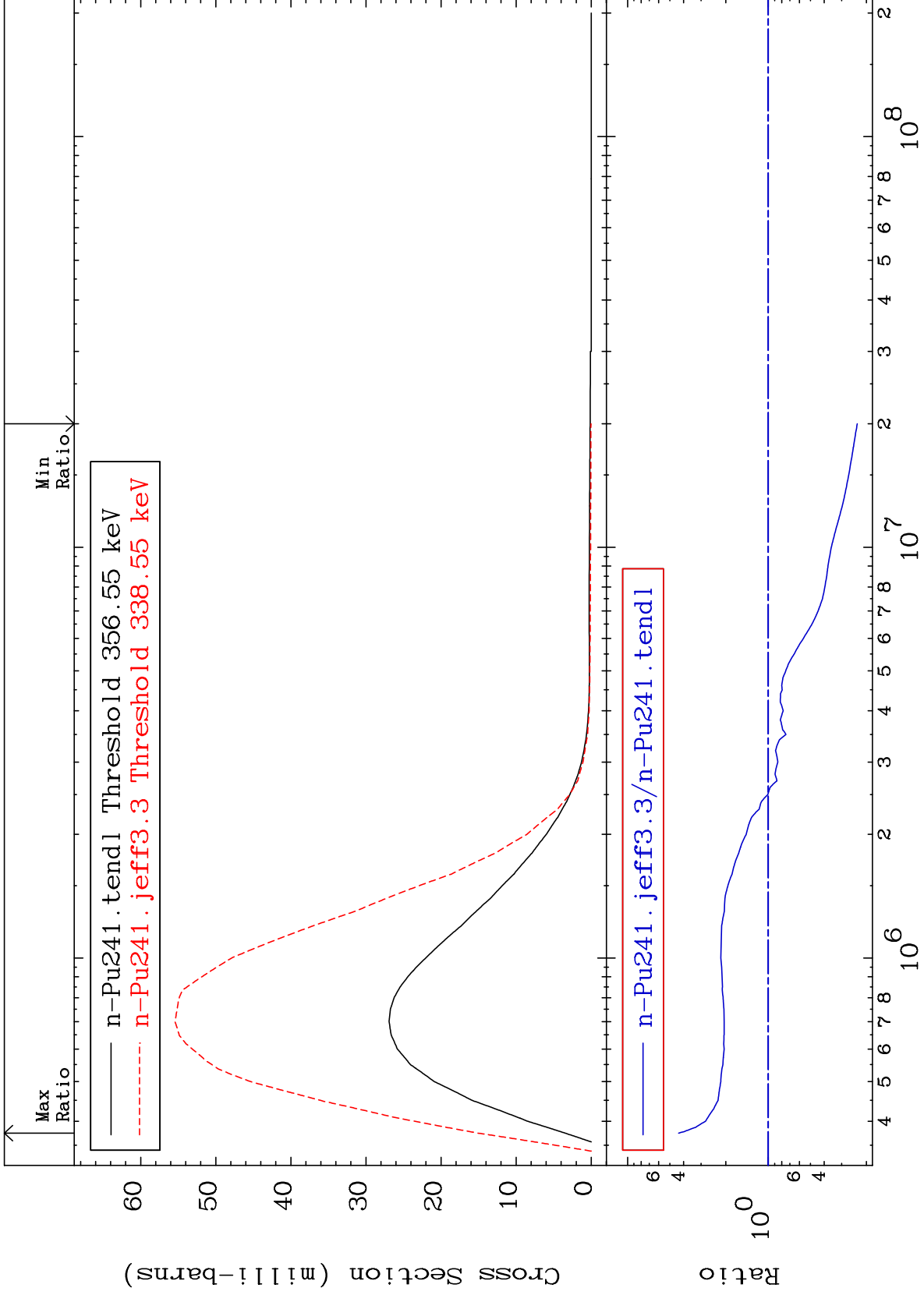
94-Pu-241  
-62.19 To 14.68 %



MAT 9443

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

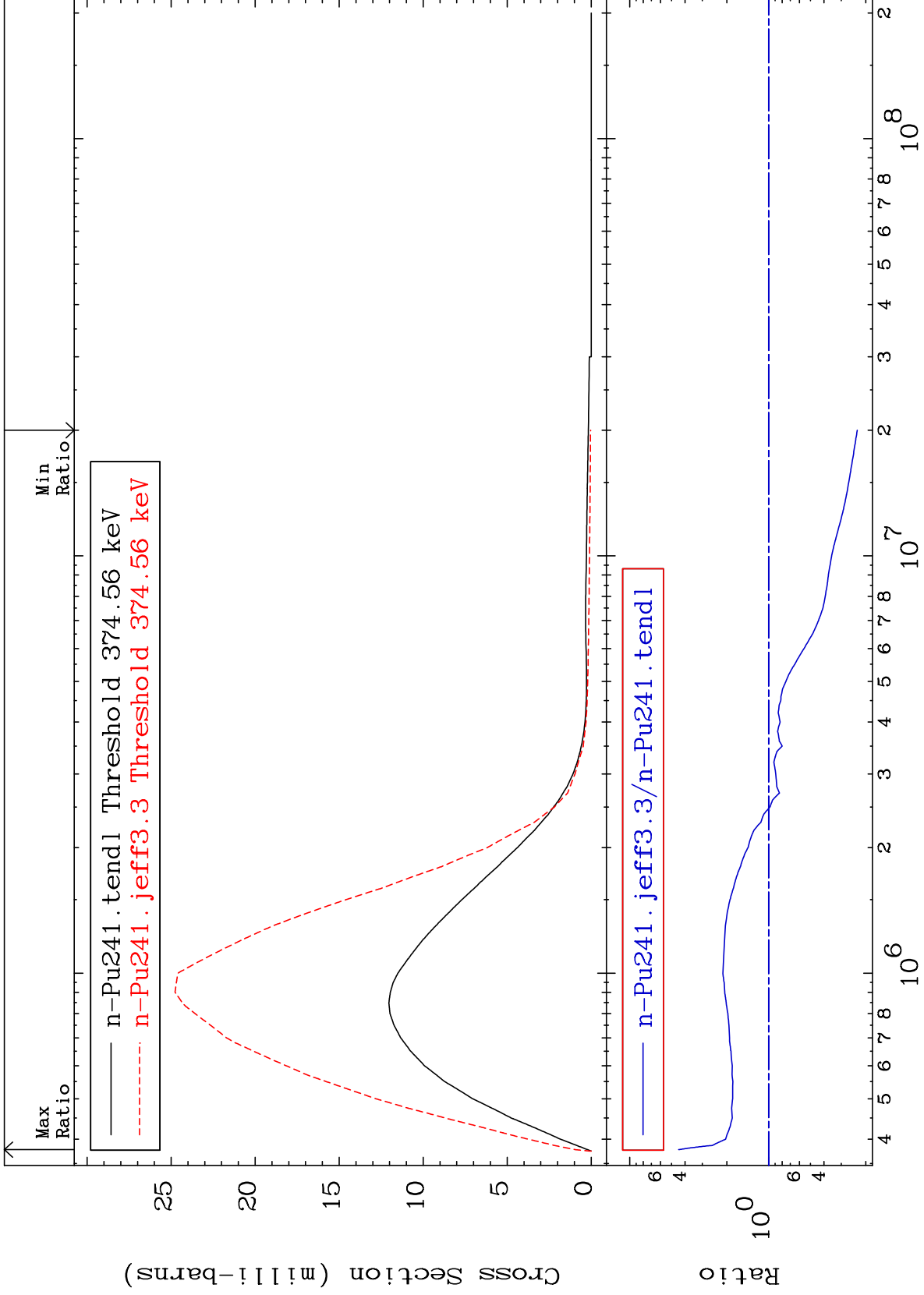
94-Pu-241  
-76.75 To 333.1 %



MAT 9443

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

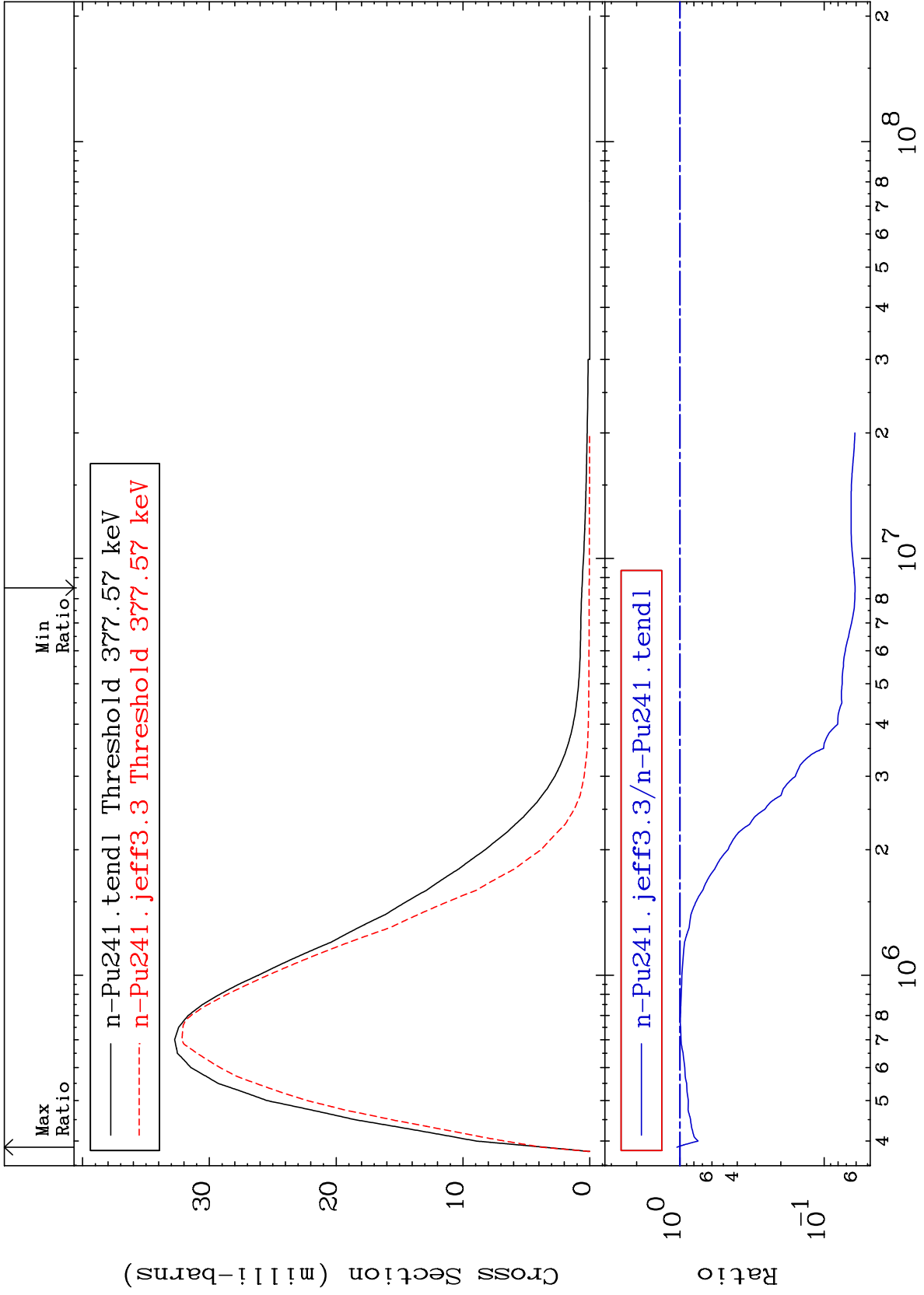
94-Pu-241  
-76.97 To 344.6 %



MAT 9443

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

94-Pu-241  
-93.90 To 5.023 %

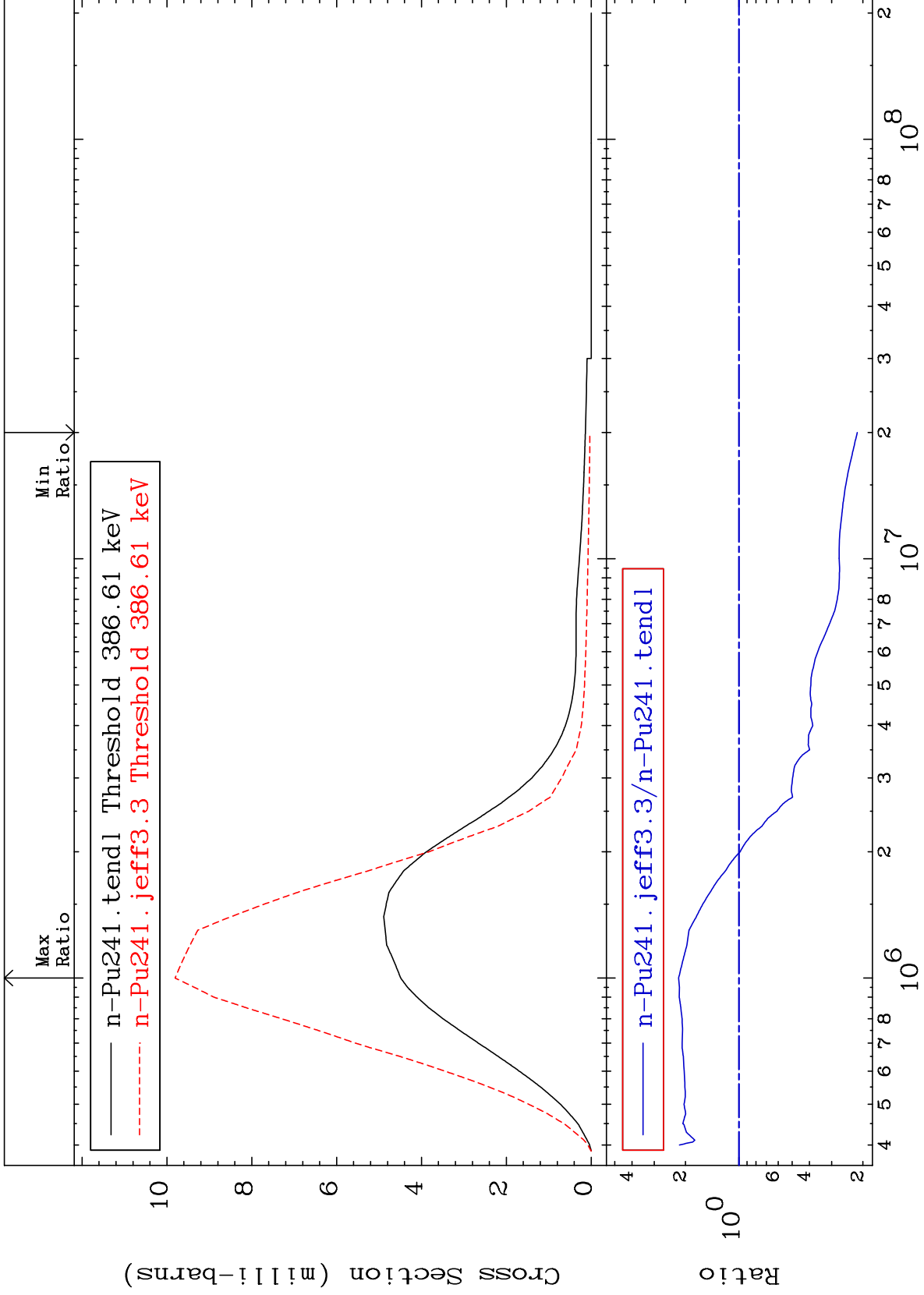




MAT 9443

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

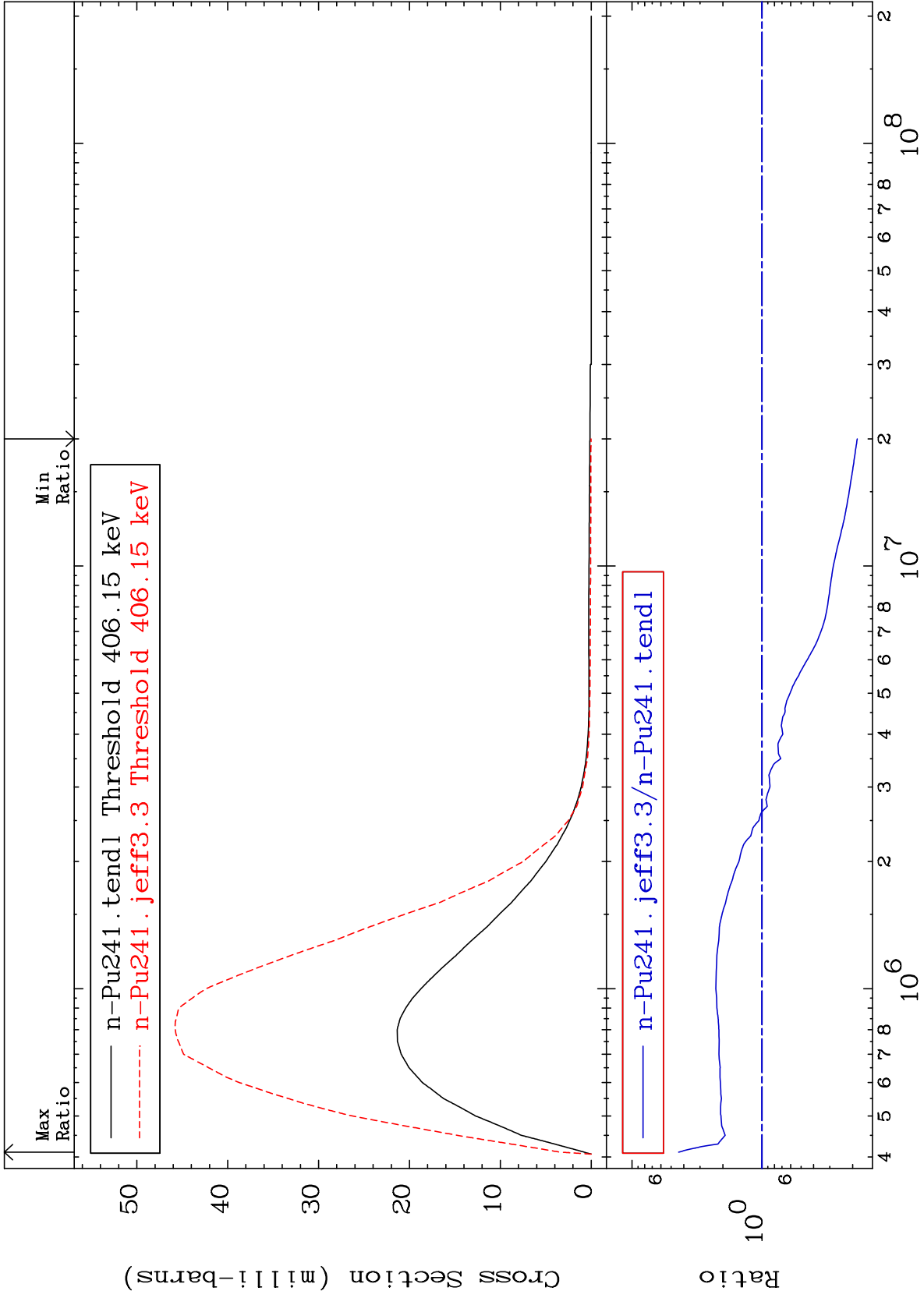
94-Pu-241  
-78.50 To 118.4 %



MAT 9443

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

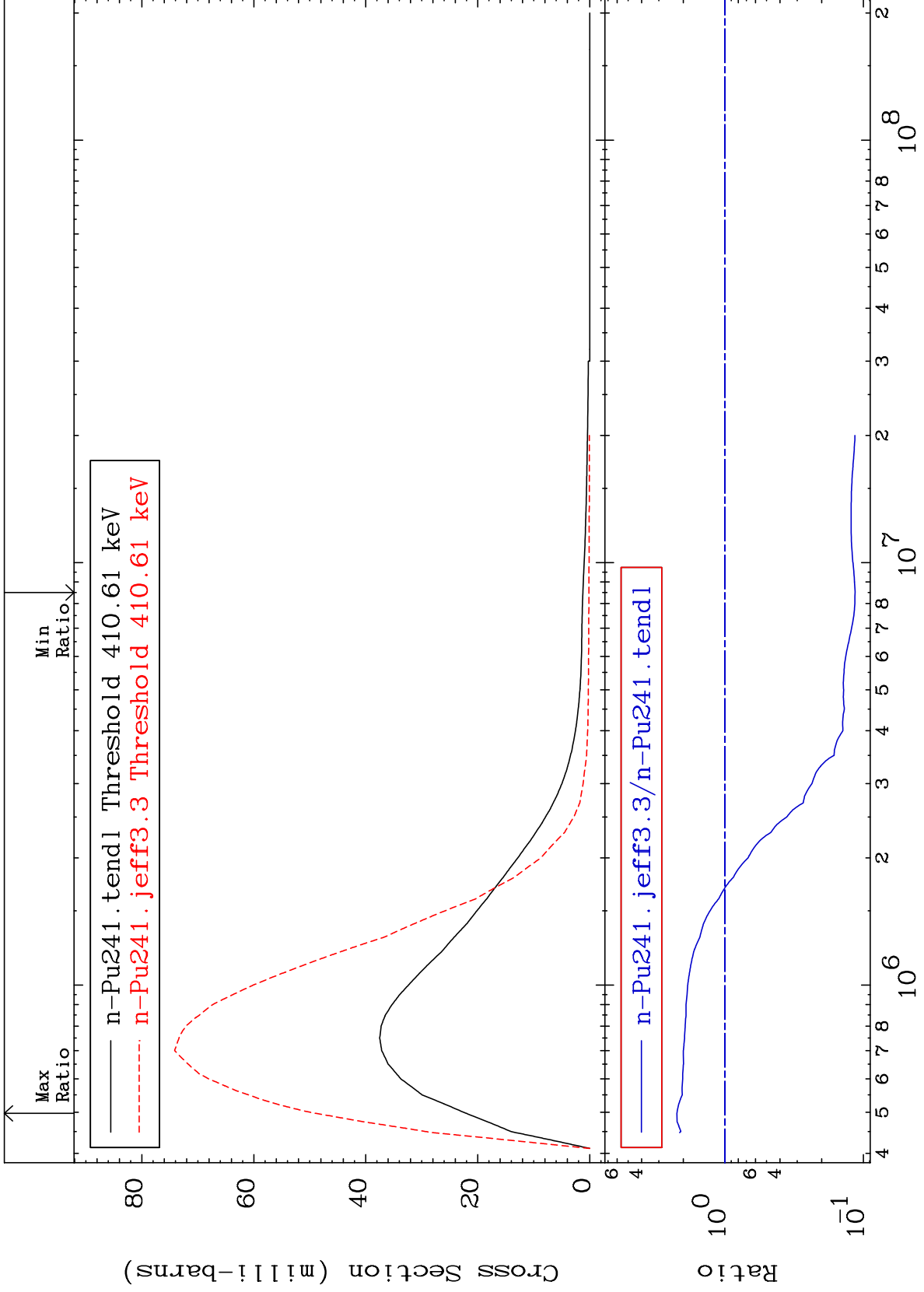
94-Pu-241  
-81.56 To 337.8 %



MAT 9443

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

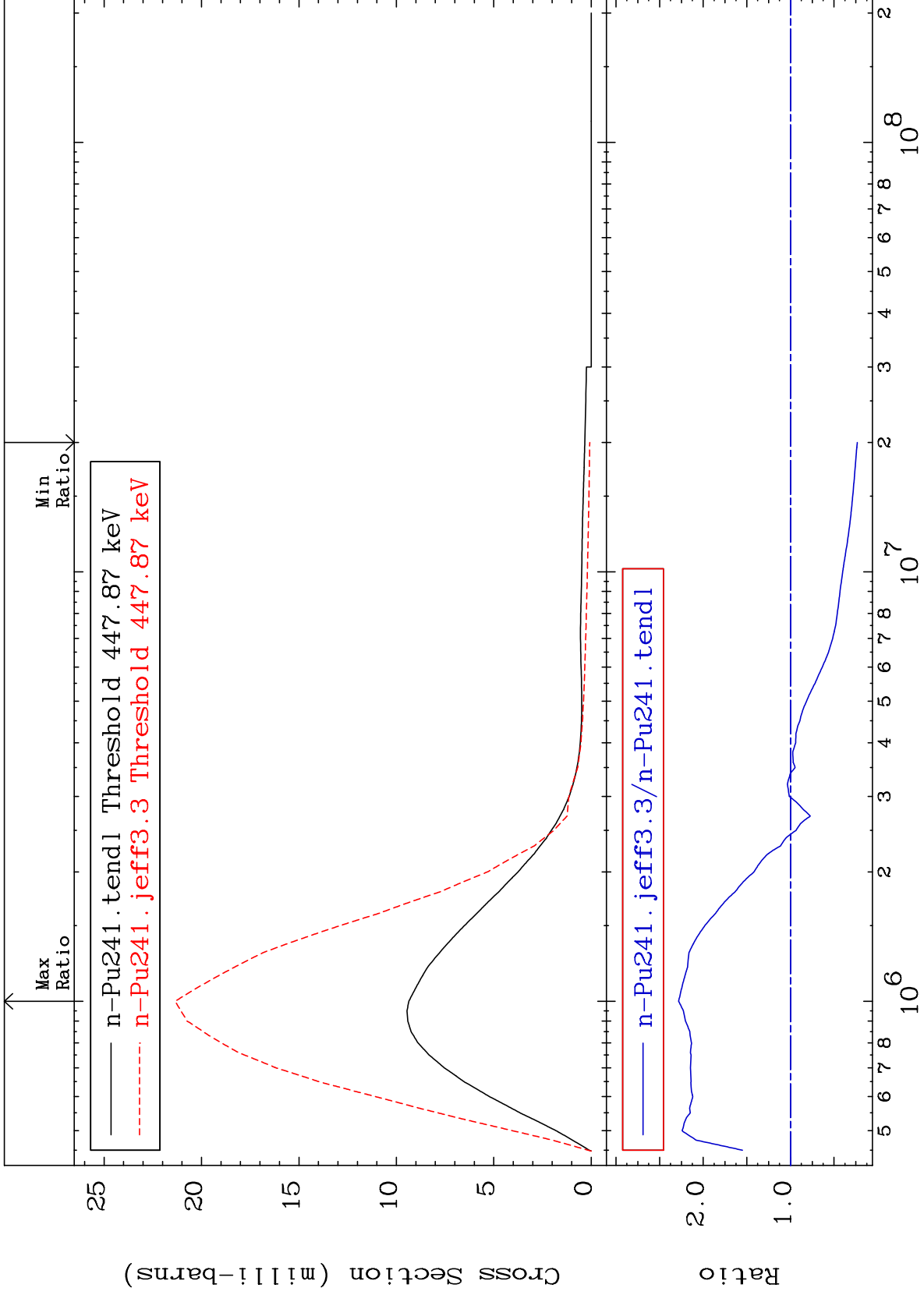
94-Pu-241  
-88.54 To 122.2 %



MAT 9443

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

94-Pu-241  
-76.63 To 128.2 %



30

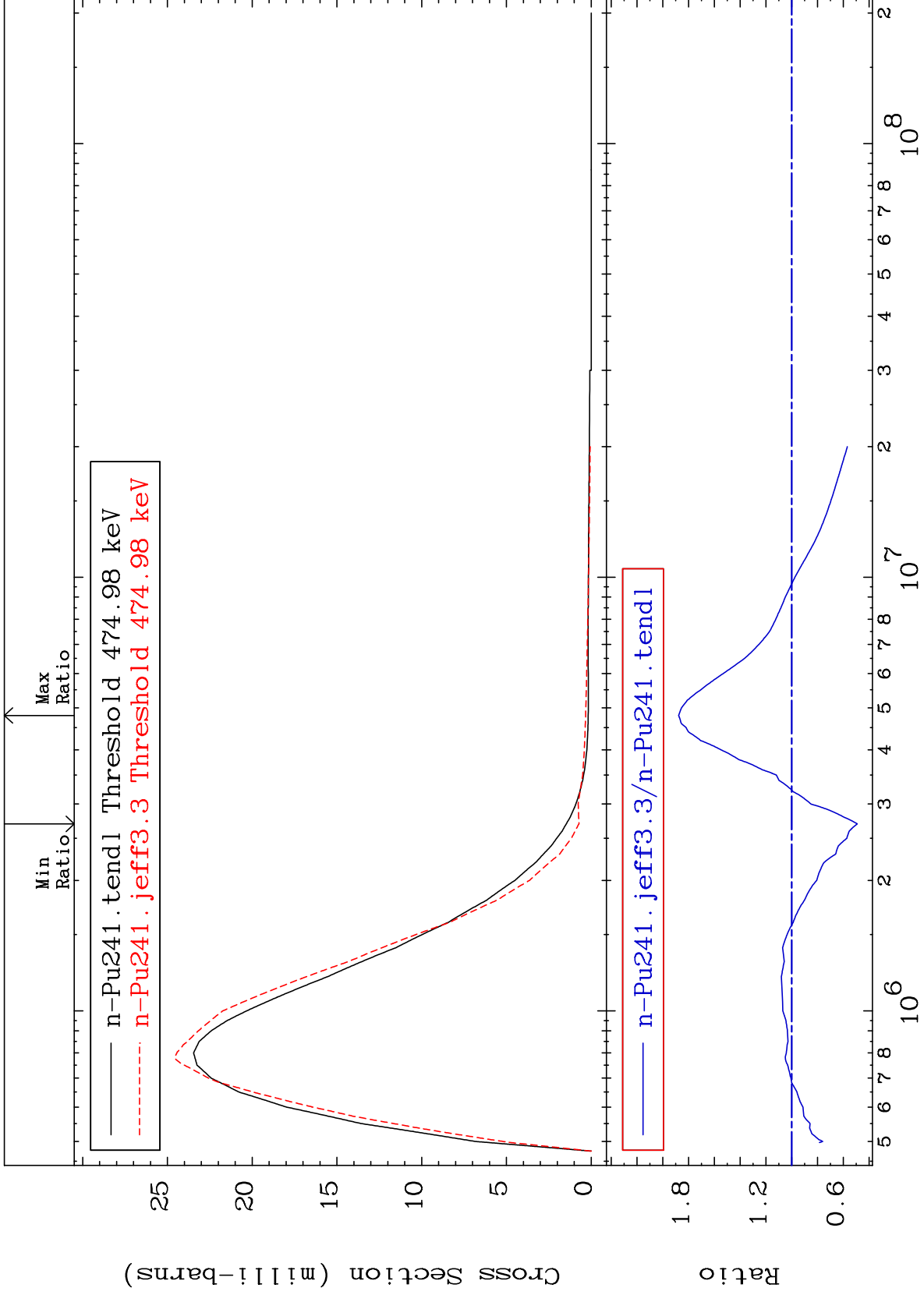
Incident Energy (eV)

94-Pu-241

MAT 9443

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

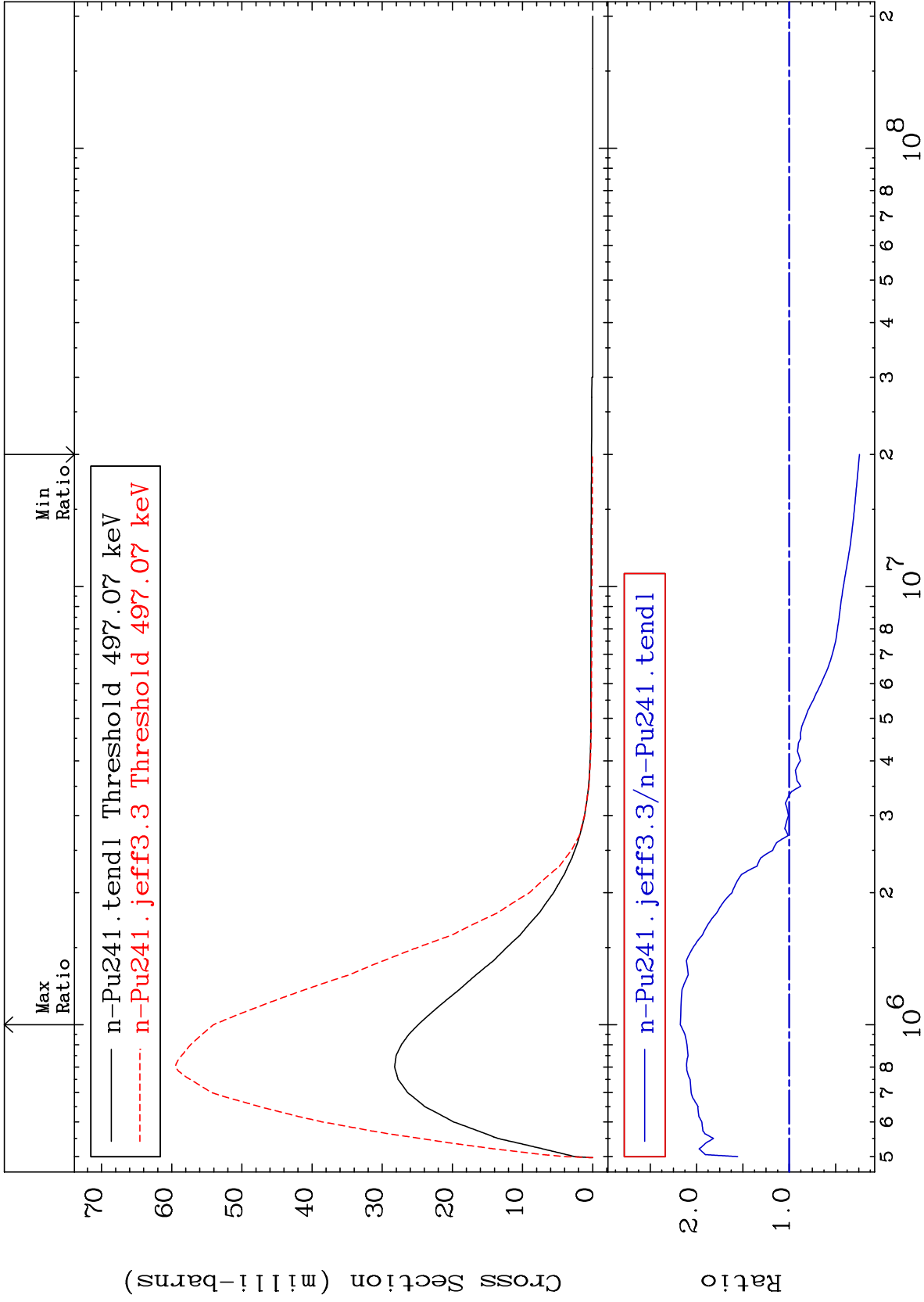
94-Pu-241  
-50.78 To 87.77 %



MAT 9443

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

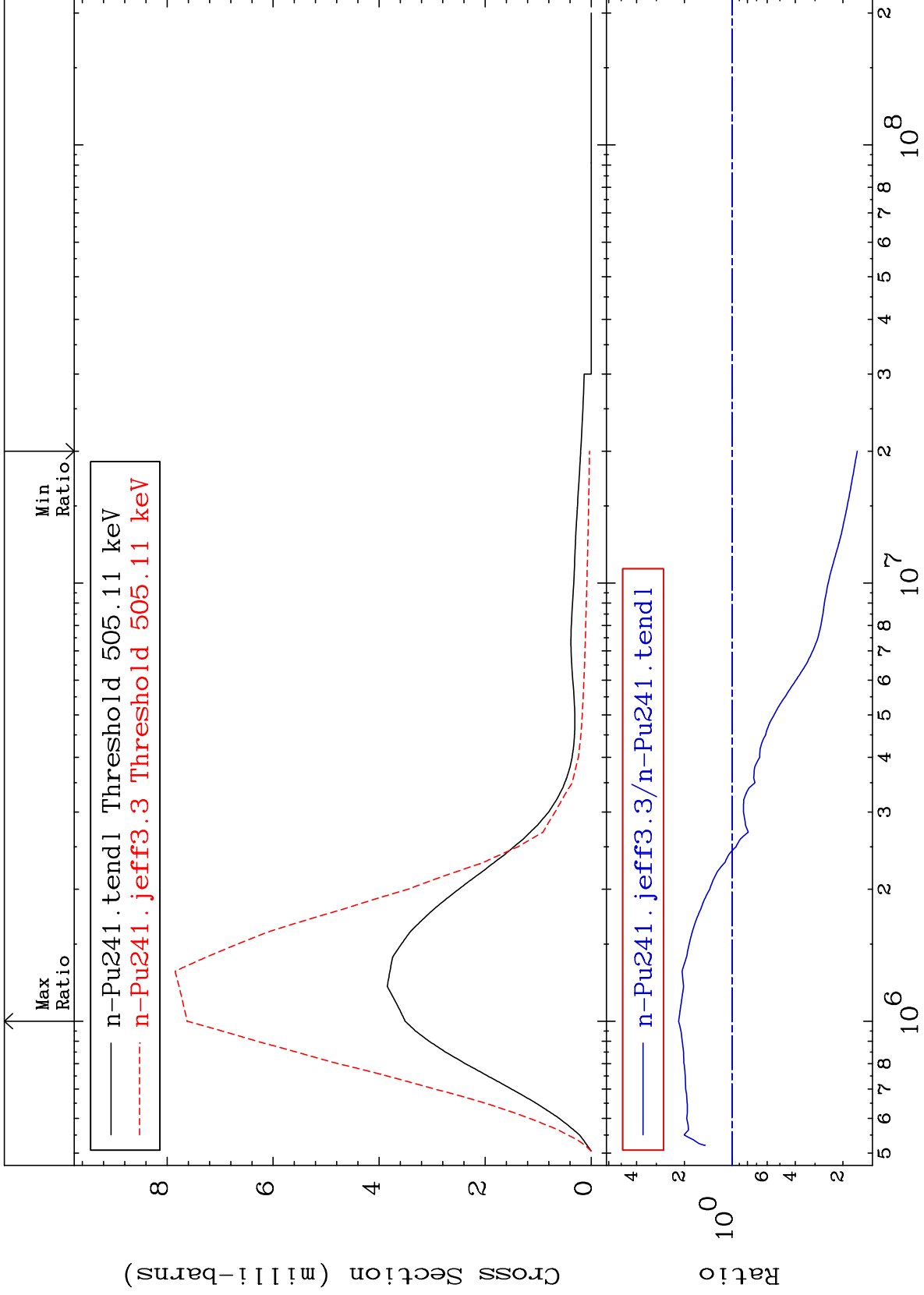
94-Pu-241  
-75.74 To 117.4 %



MAT 9443

MT= 72 (n,n') Level  
Cross Section

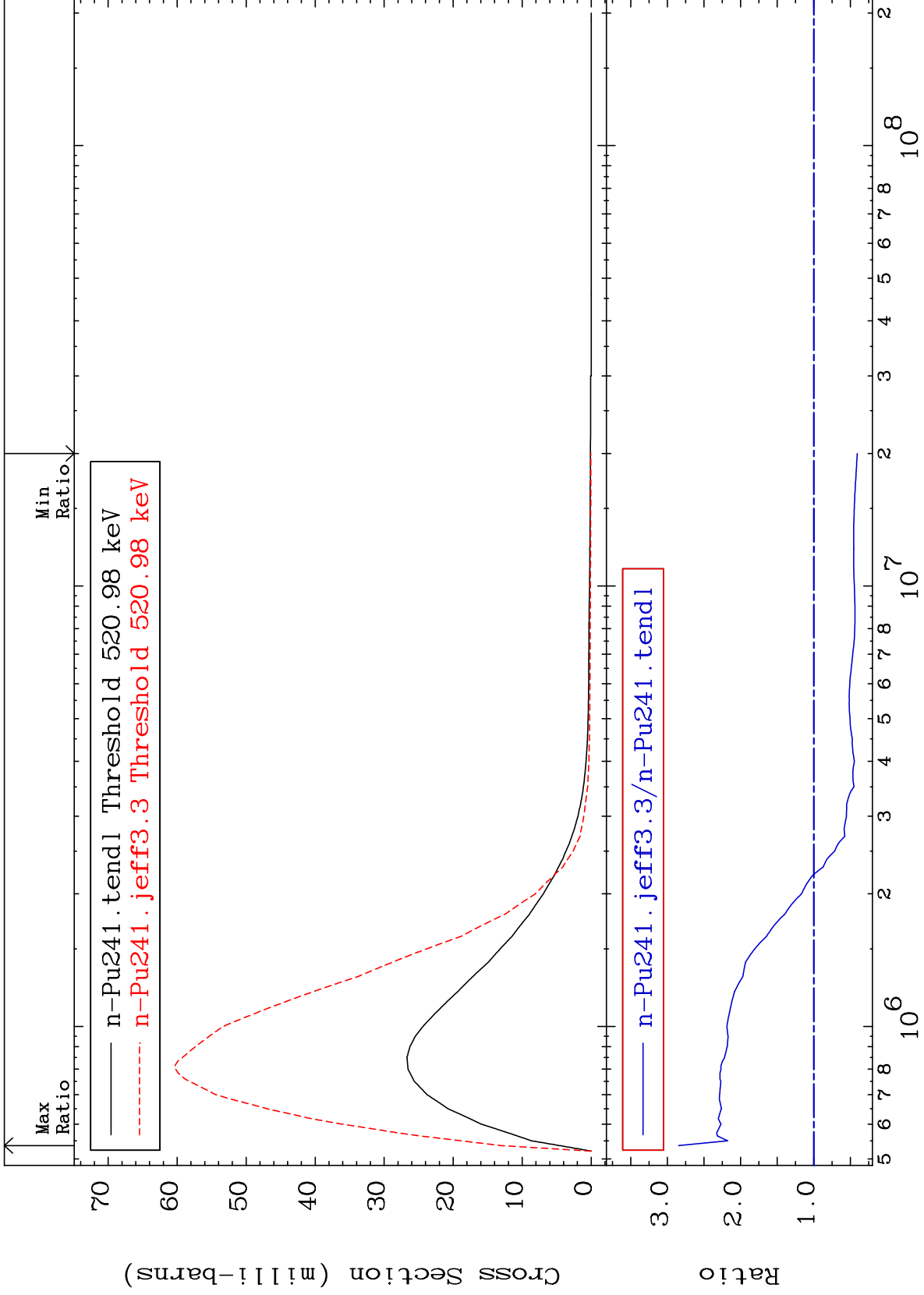
94-Pu-241  
-83.75 To 117.3 %



MAT 9443

MT= 73 (n,n') Level  
Cross Section

94-Pu-241  
-59.33 To 184.6 %

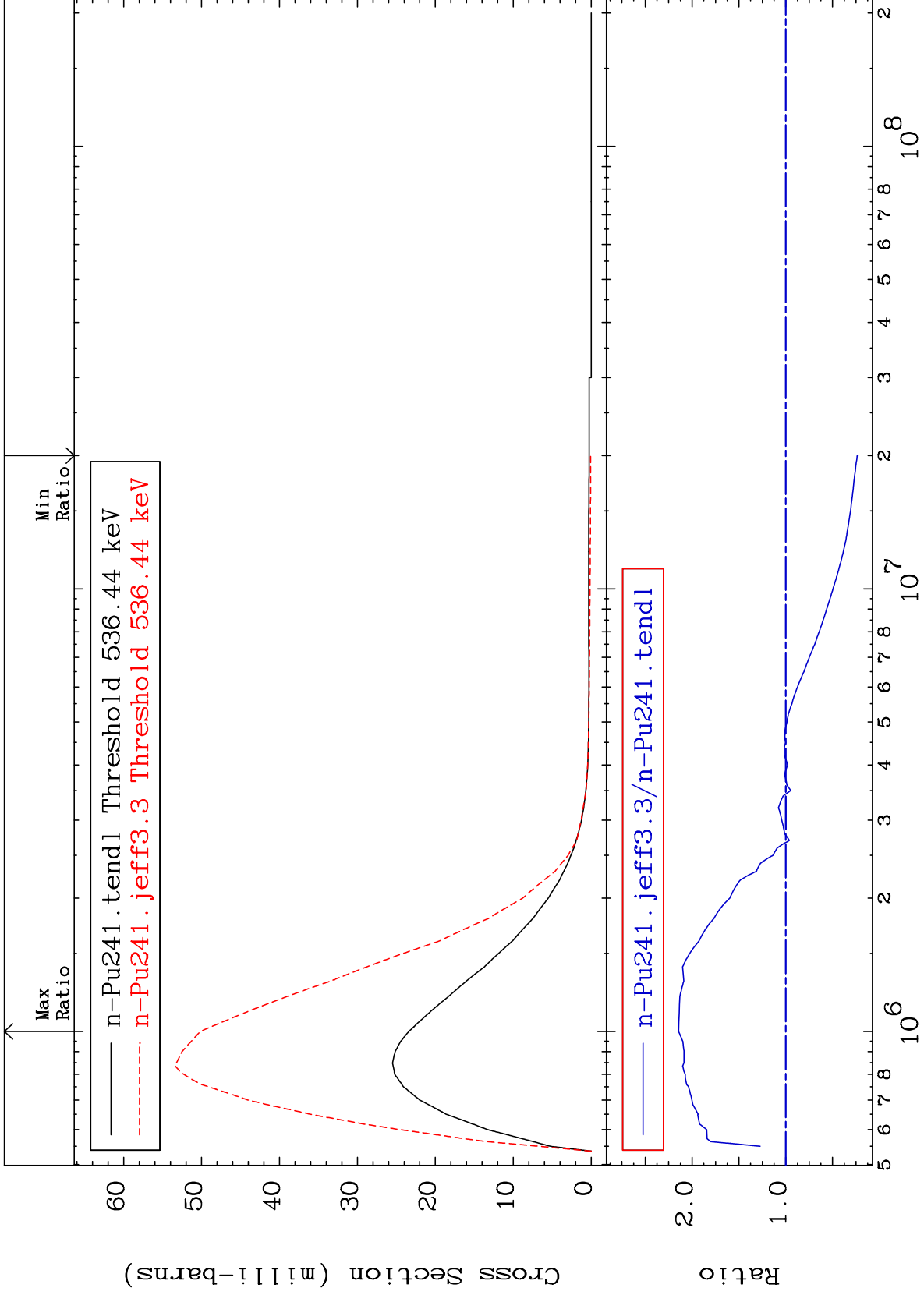




MAT 9443

MT= 74 (n,n') Level  
Cross Section

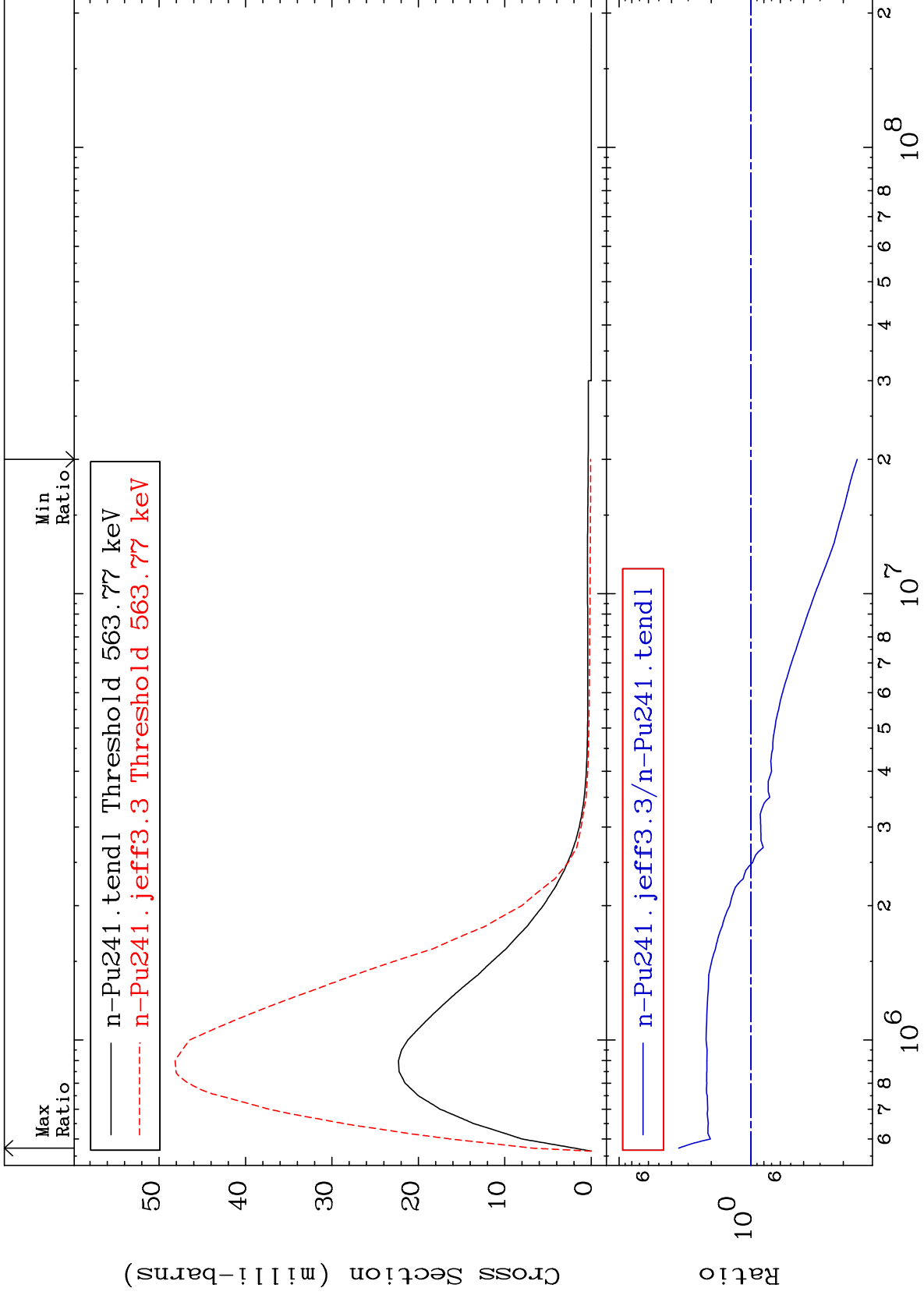
94-Pu-241  
-76.33 To 114.4 %



MAT 9443

MT= 75 (n,n') Level  
Cross Section

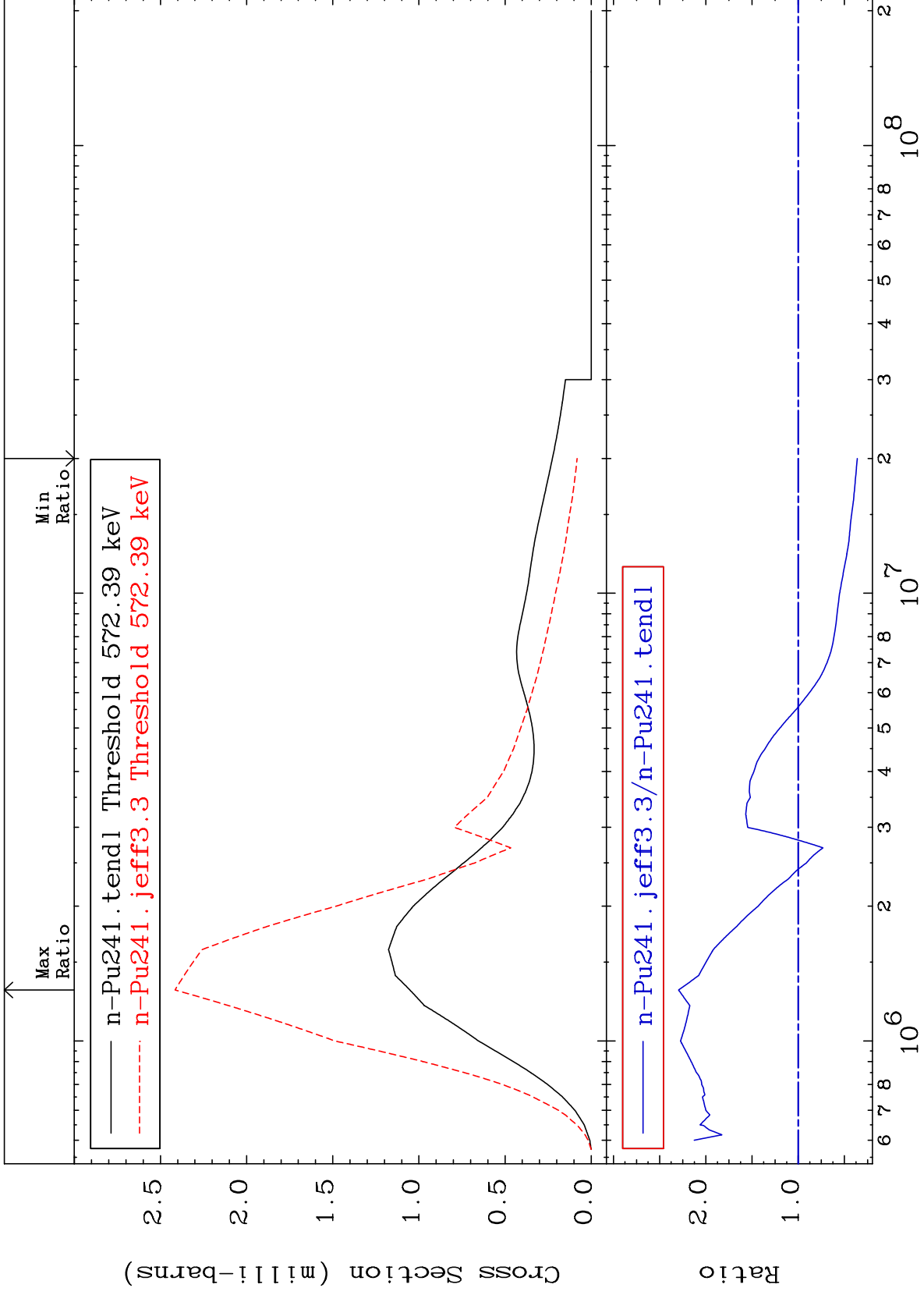
94-Pu-241  
-84.33 To 253.7 %



MAT 9443

MT= 76 (n,n') Level  
Cross Section

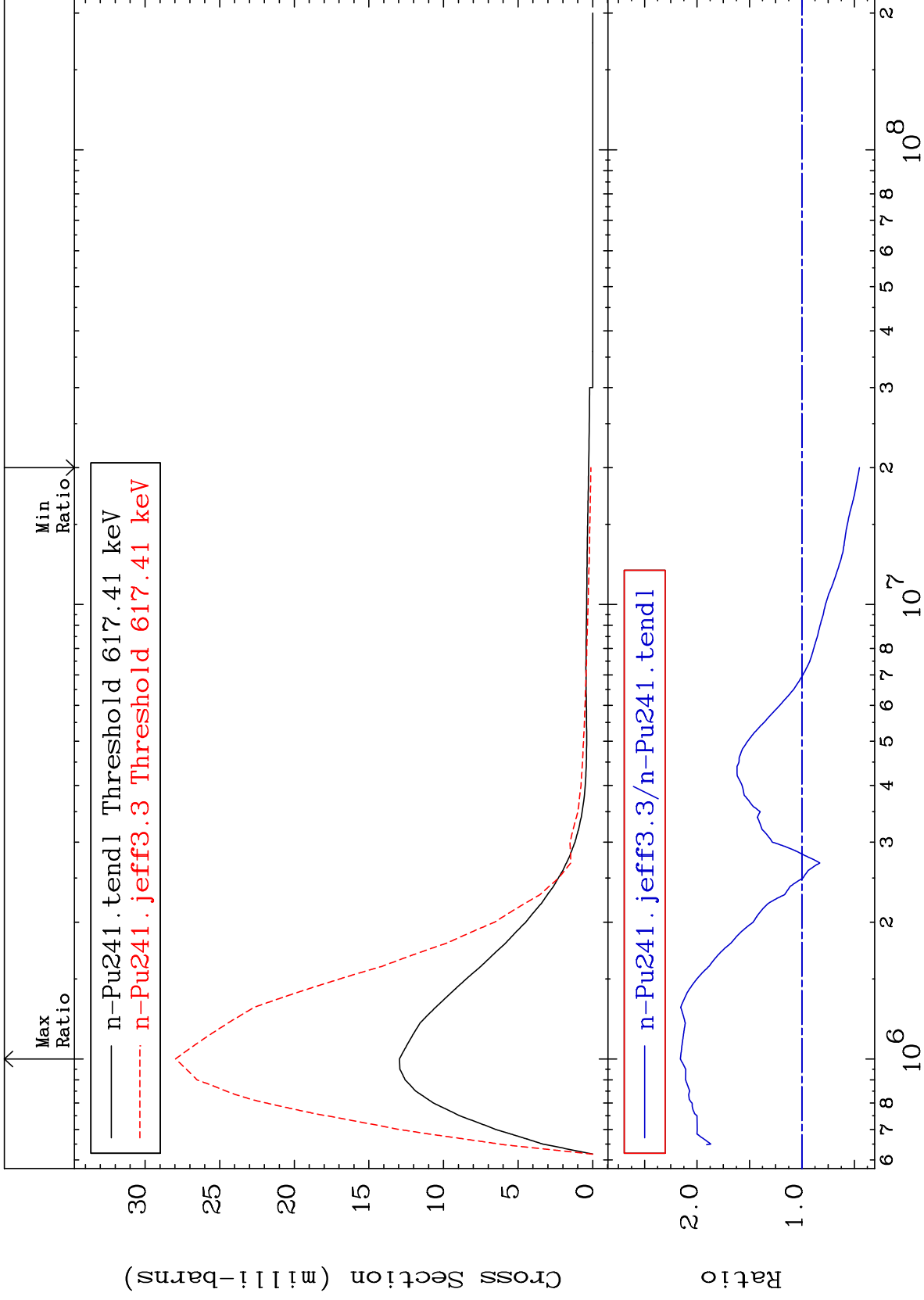
94-Pu-241  
-63.85 To 129.5 %



MAT 9443

MT= 77 (n,n') Level  
Cross Section

94-Pu-241  
-54.87 To 115.9 %



38

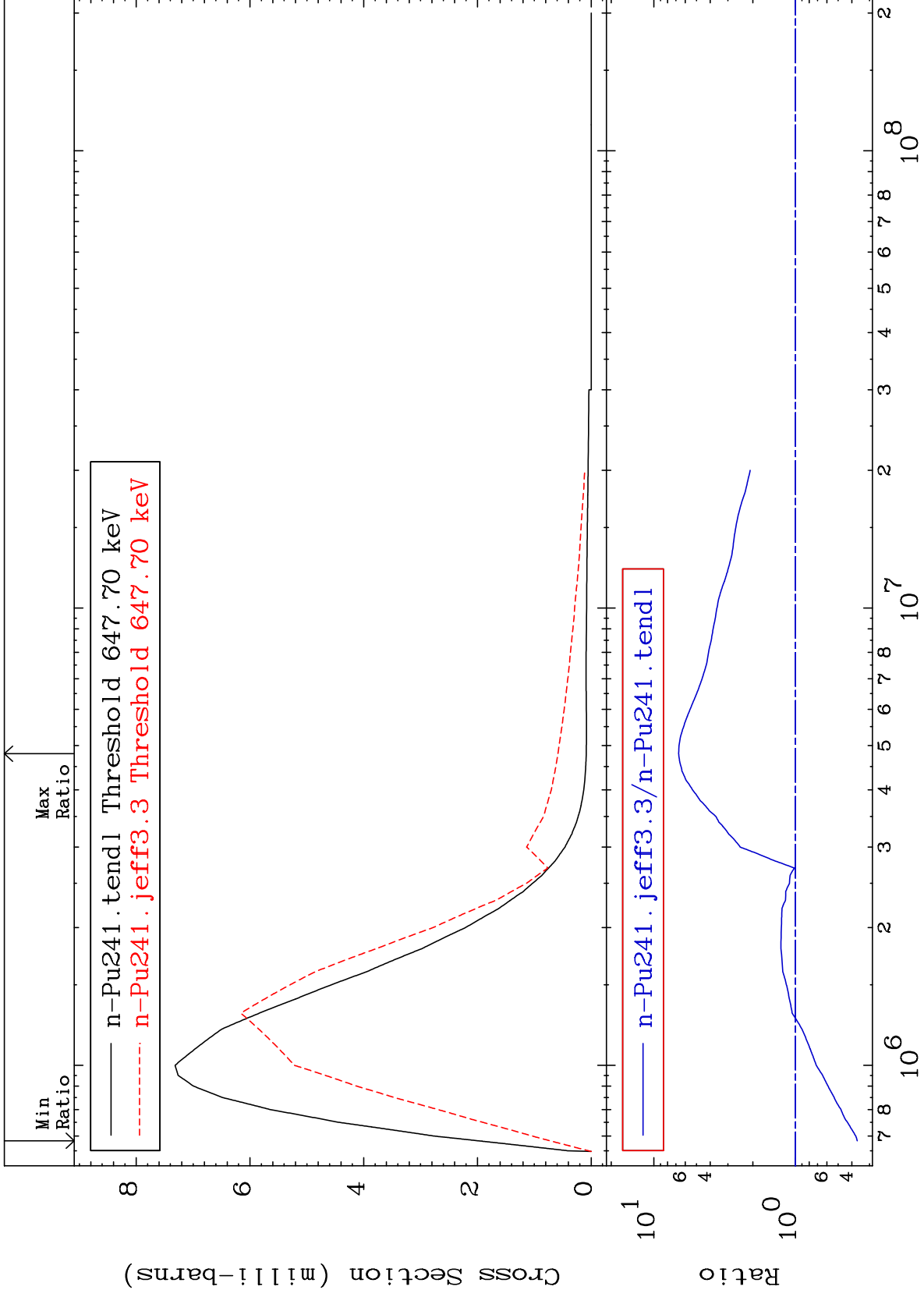
Incident Energy (eV)

94-Pu-241

MAT 9443

MT= 78 (n,n') Level  
Cross Section

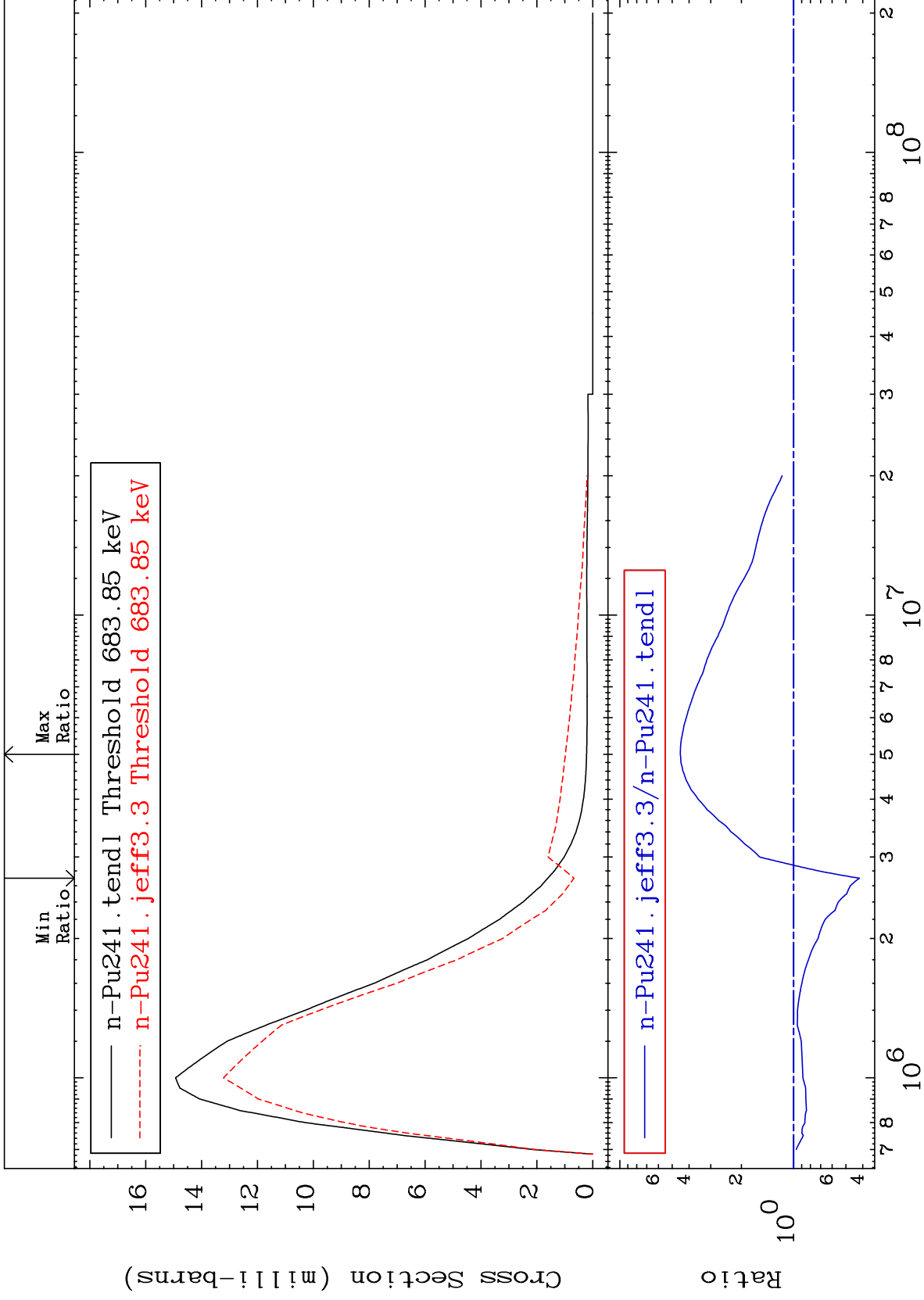
94-Pu-241  
-63.35 To 569.1 %



MAT 9443

MT= 79 (n,n') Level  
Cross Section

94-Pu-241  
-58.18 To 348.7 %



40

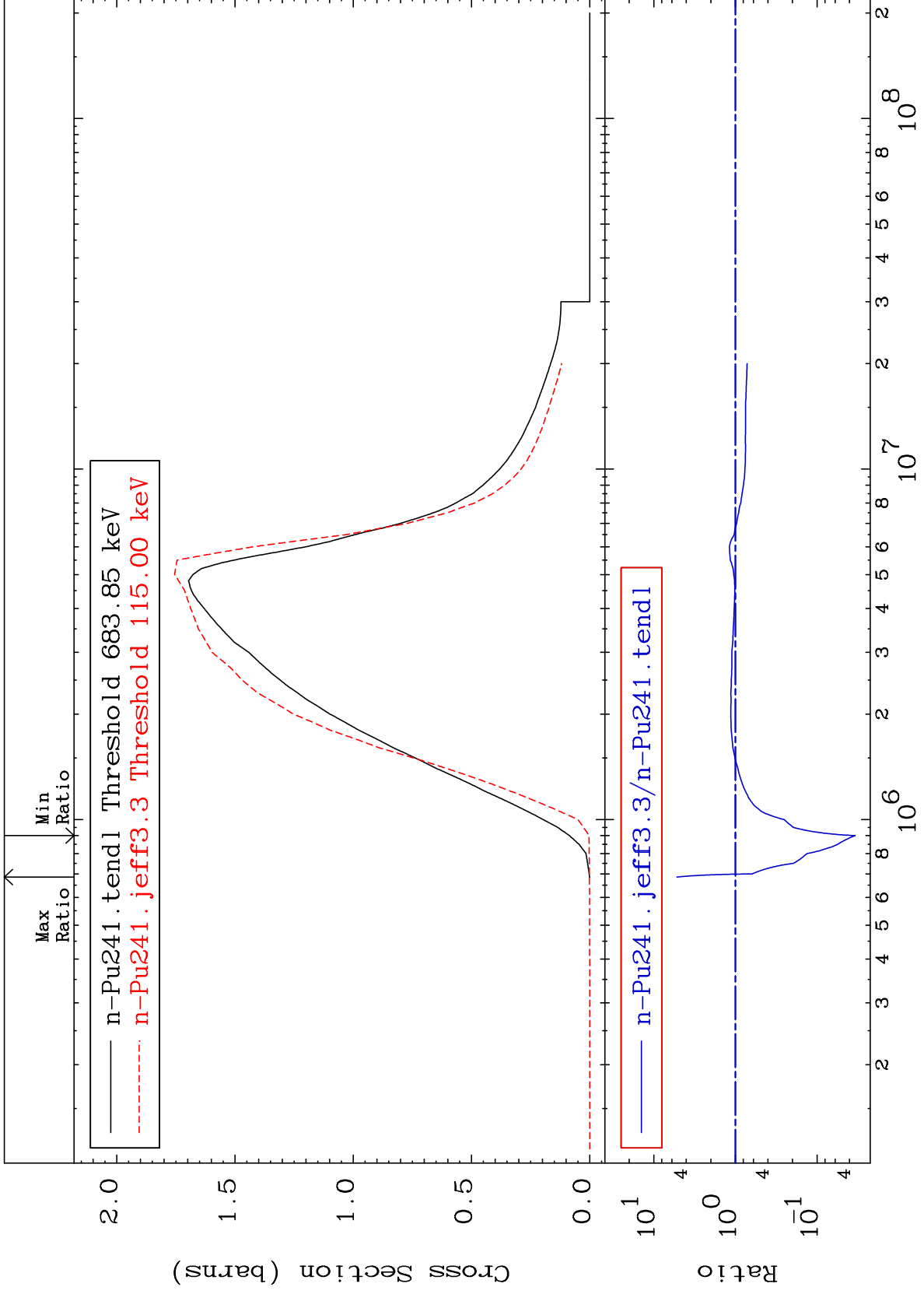
Incident Energy (eV)

94-Pu-241

MAT 9443

(n, n') Continuum  
Cross Section

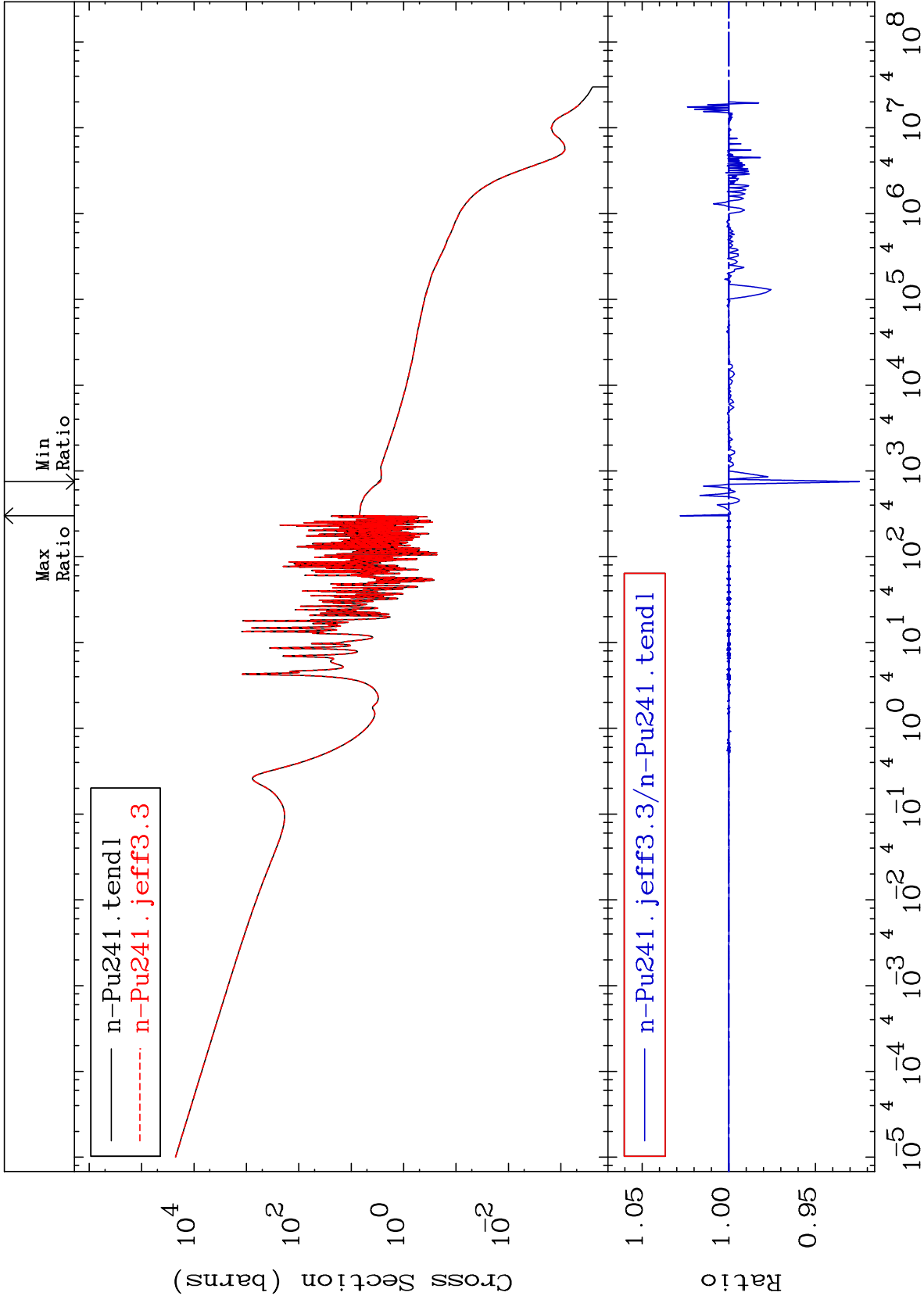
94-Pu-241  
-96.58 To 420.5 %



MAT 9443

(n,  $\gamma$ )  
Cross Section

94-Pu-241  
-7.539 To 2.796 %



42

Incident Energy (eV)

94-Pu-241



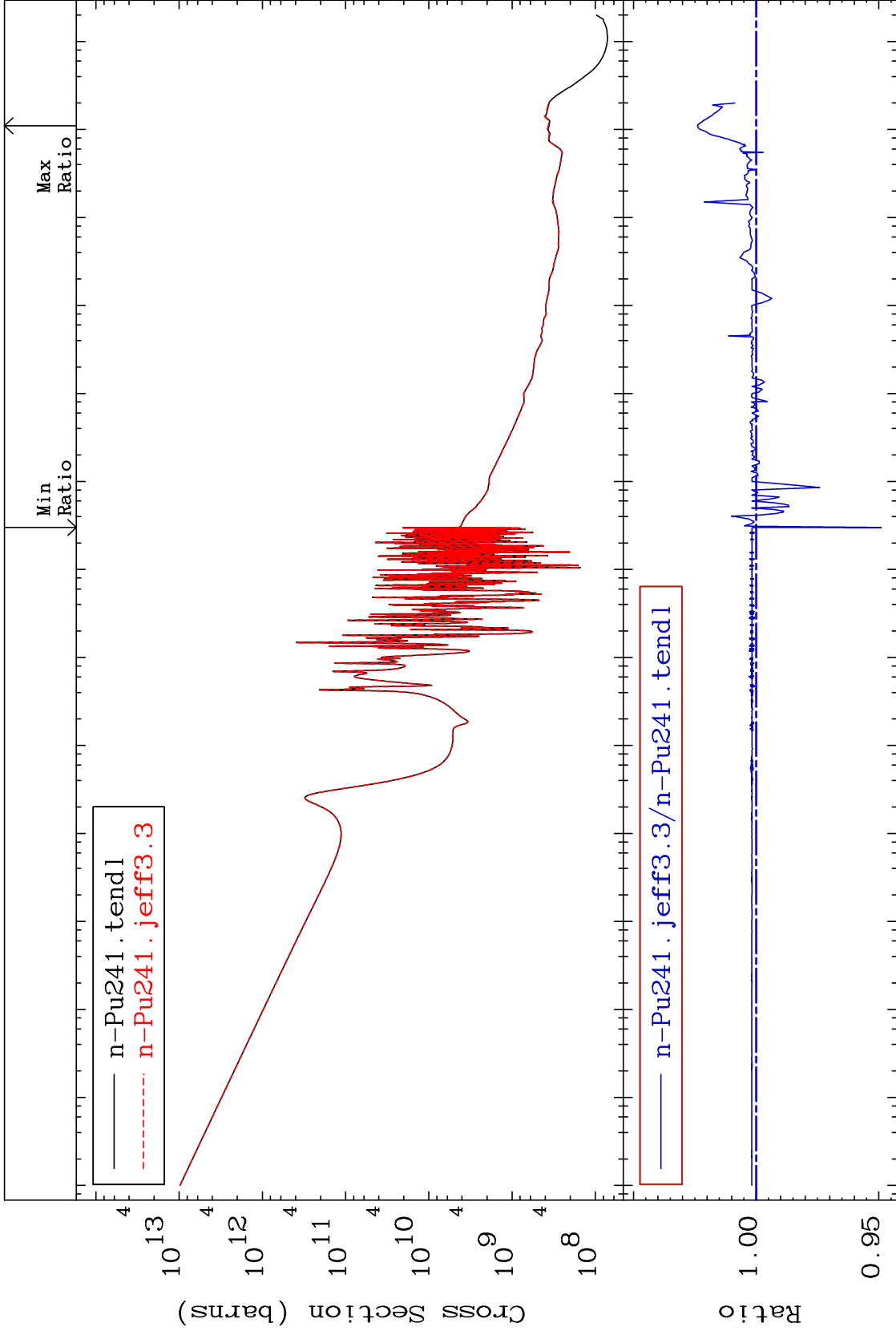
MAT 9443

Kerma total (eV-barns)

94-Pu-241

Cross Section

-5.092 To 2.390 %



Incident Energy (eV)

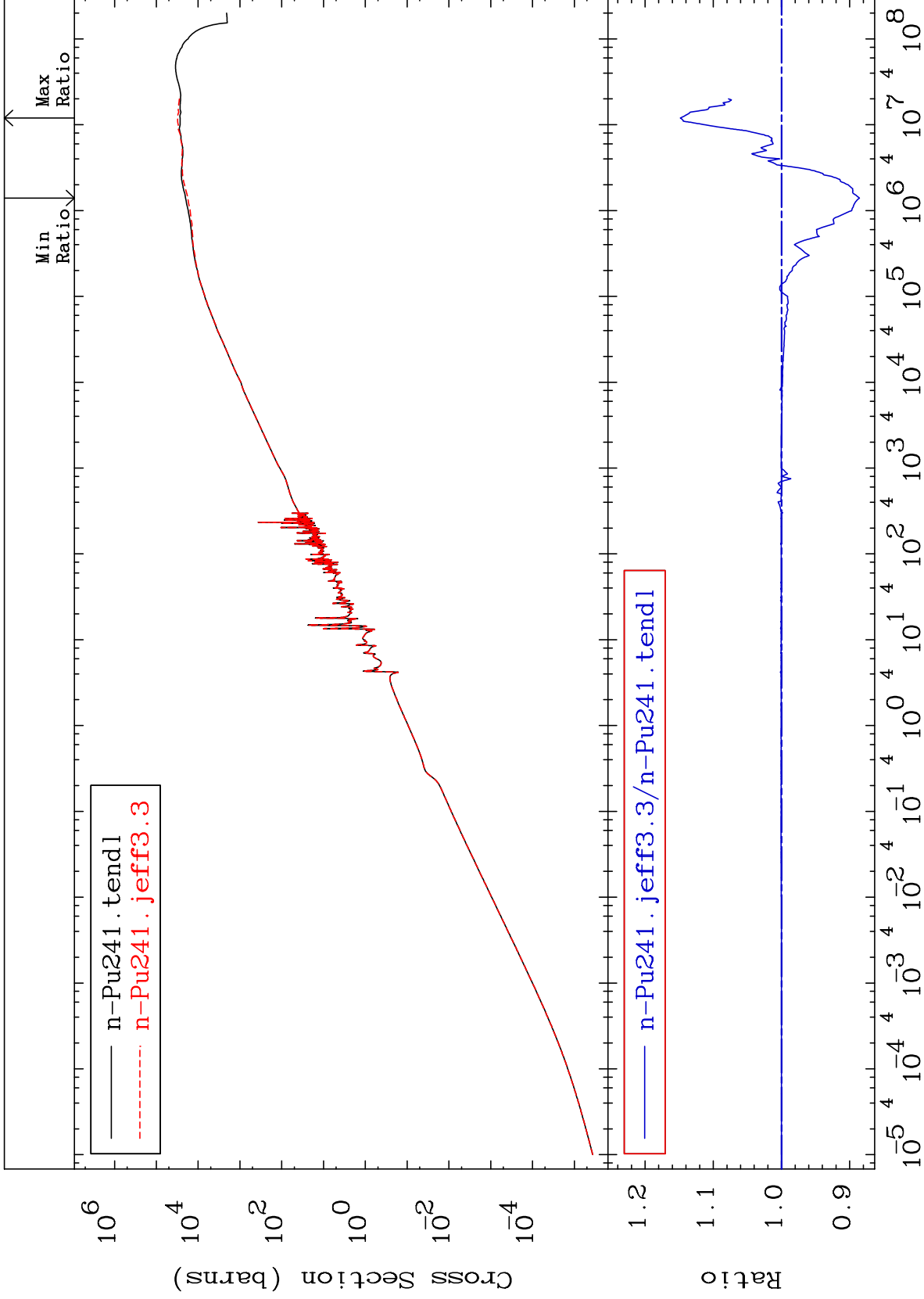
94-Pu-241

43

MAT 9443

Kerma elastic  
Cross Section

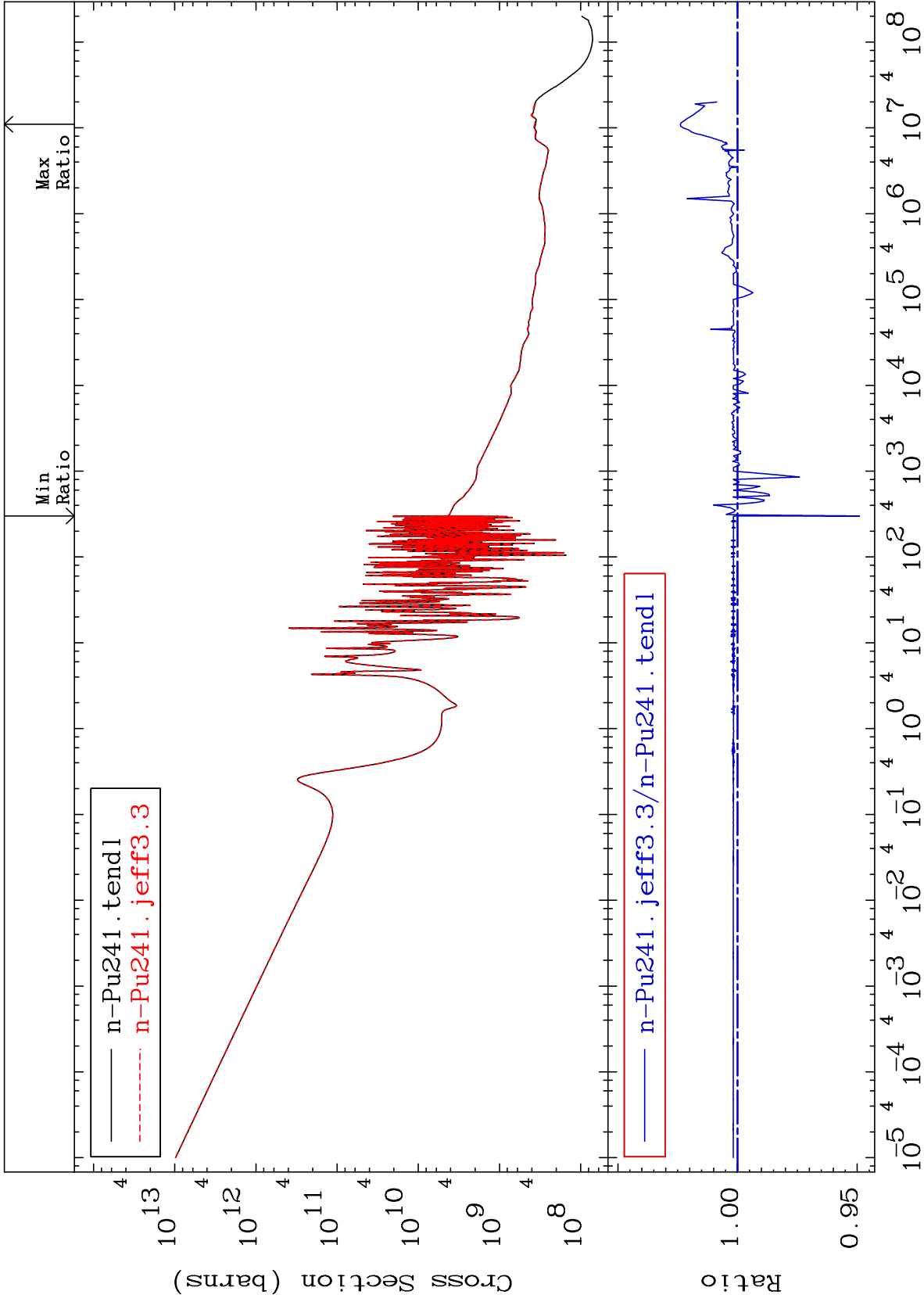
94-Pu-241  
-11.43 To 14.83 %



MAT 9443

Kerma non-elastic (all but mt2)  
Cross Section

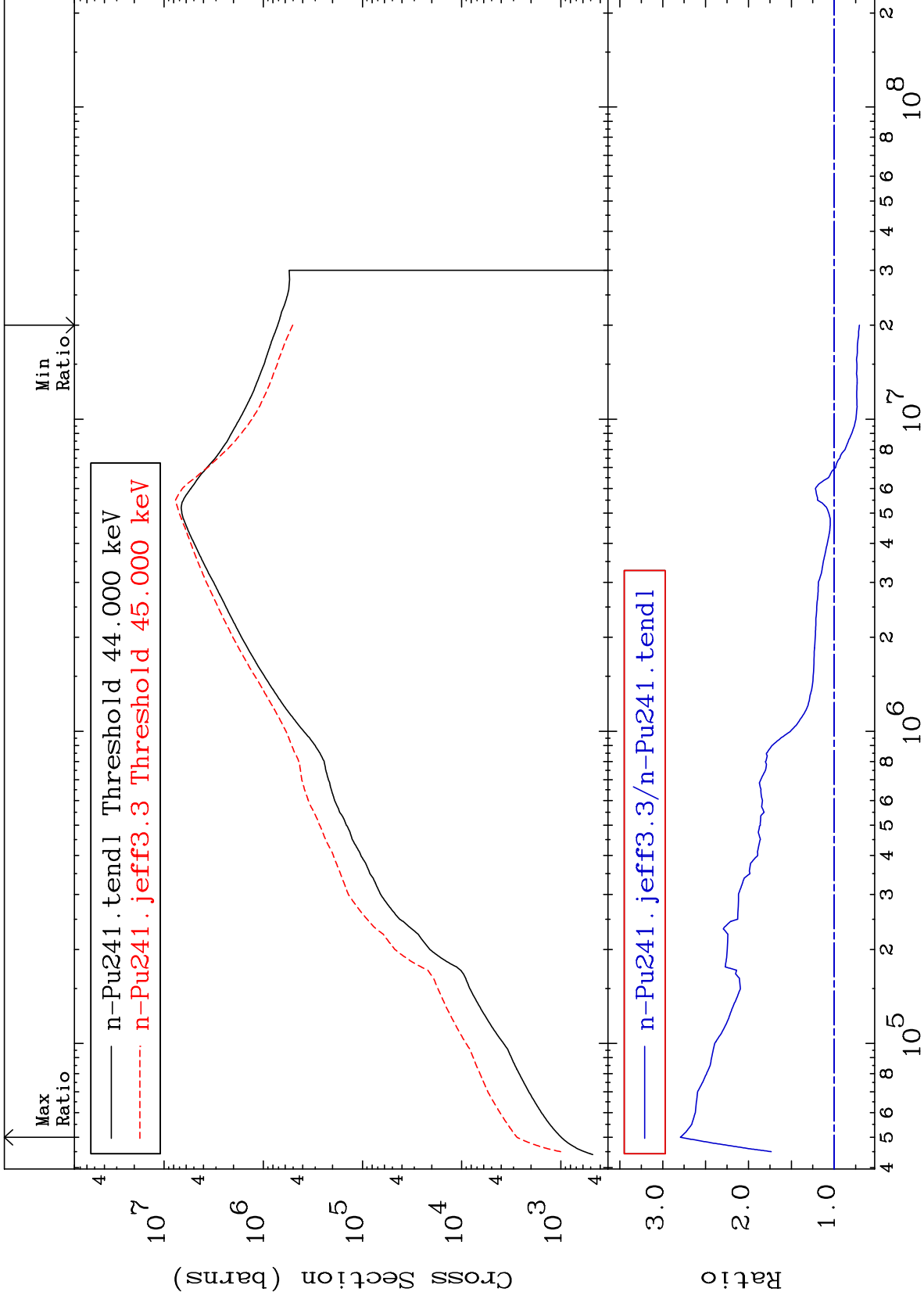
94-Pu-241  
-5.092 To 2.389 %



45

Incident Energy (eV)

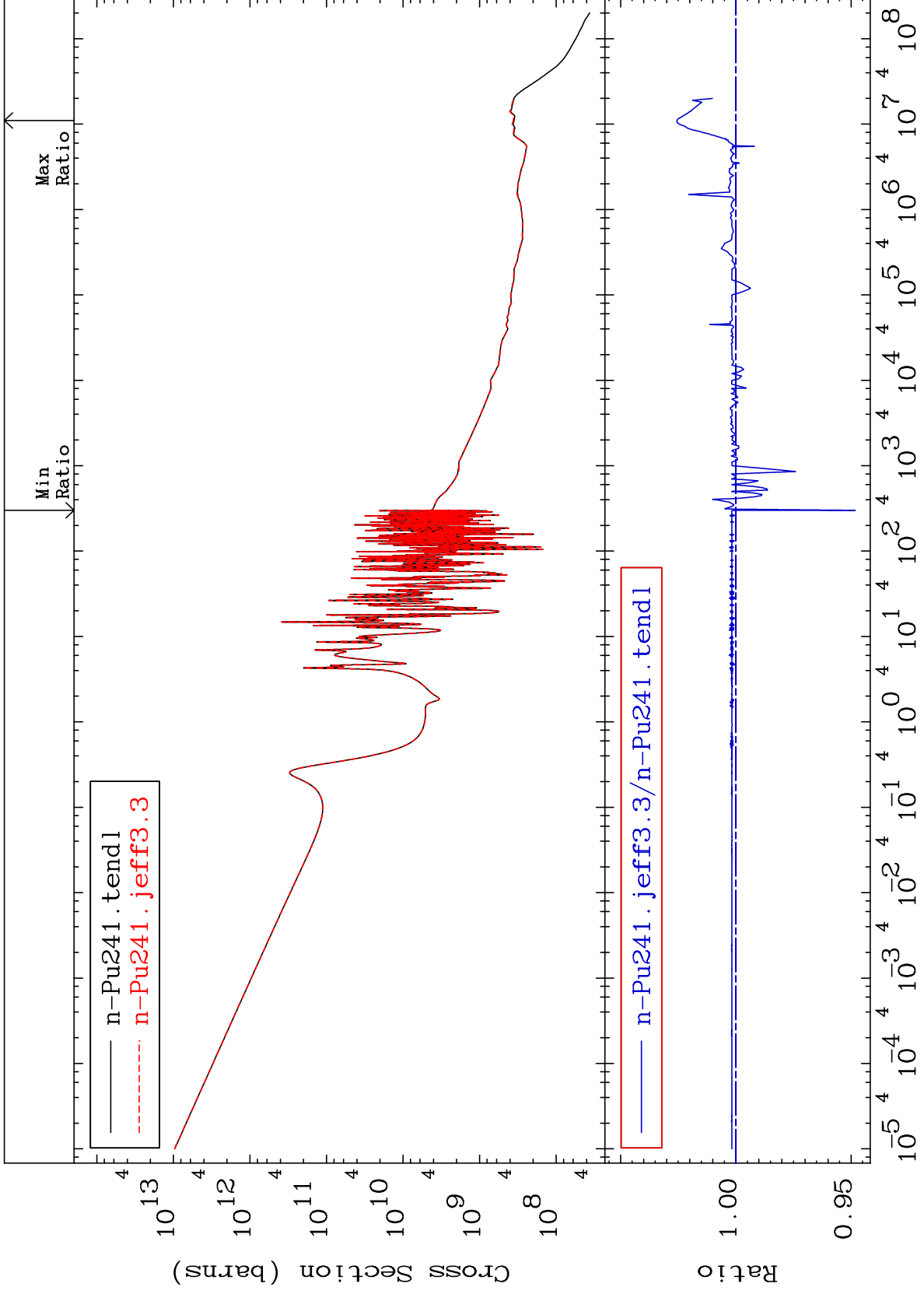
94-Pu-241



MAT 9443

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

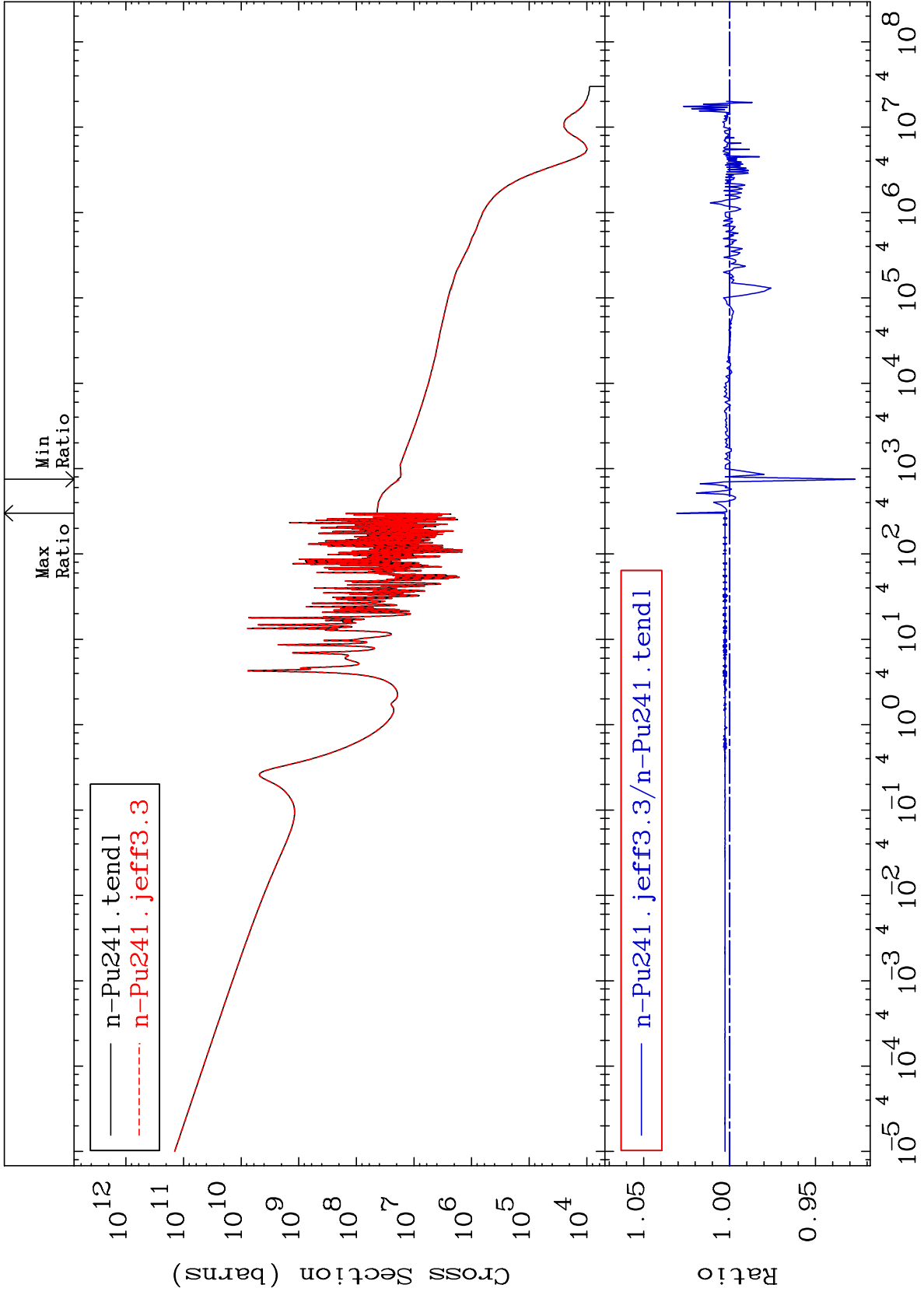
94-Pu-241  
-5.173 To 2.556 %



MAT 9443

Kerma capture (mt102)  
Cross Section

94-Pu-241  
-7.304 To 3.065 %



48

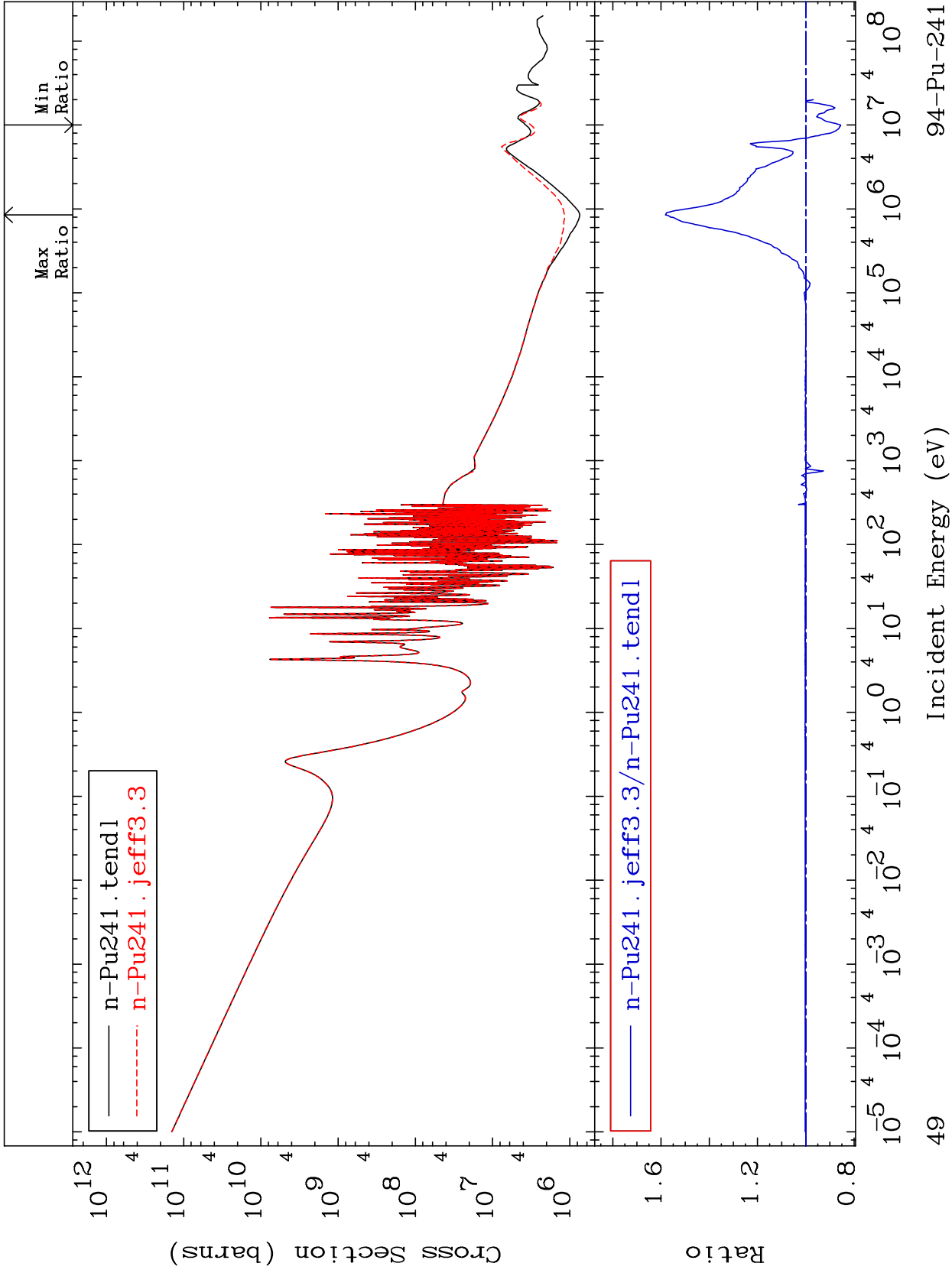
Incident Energy (eV)

94-Pu-241

MAT 9443

Total photon (eV-barns)  
Cross Section

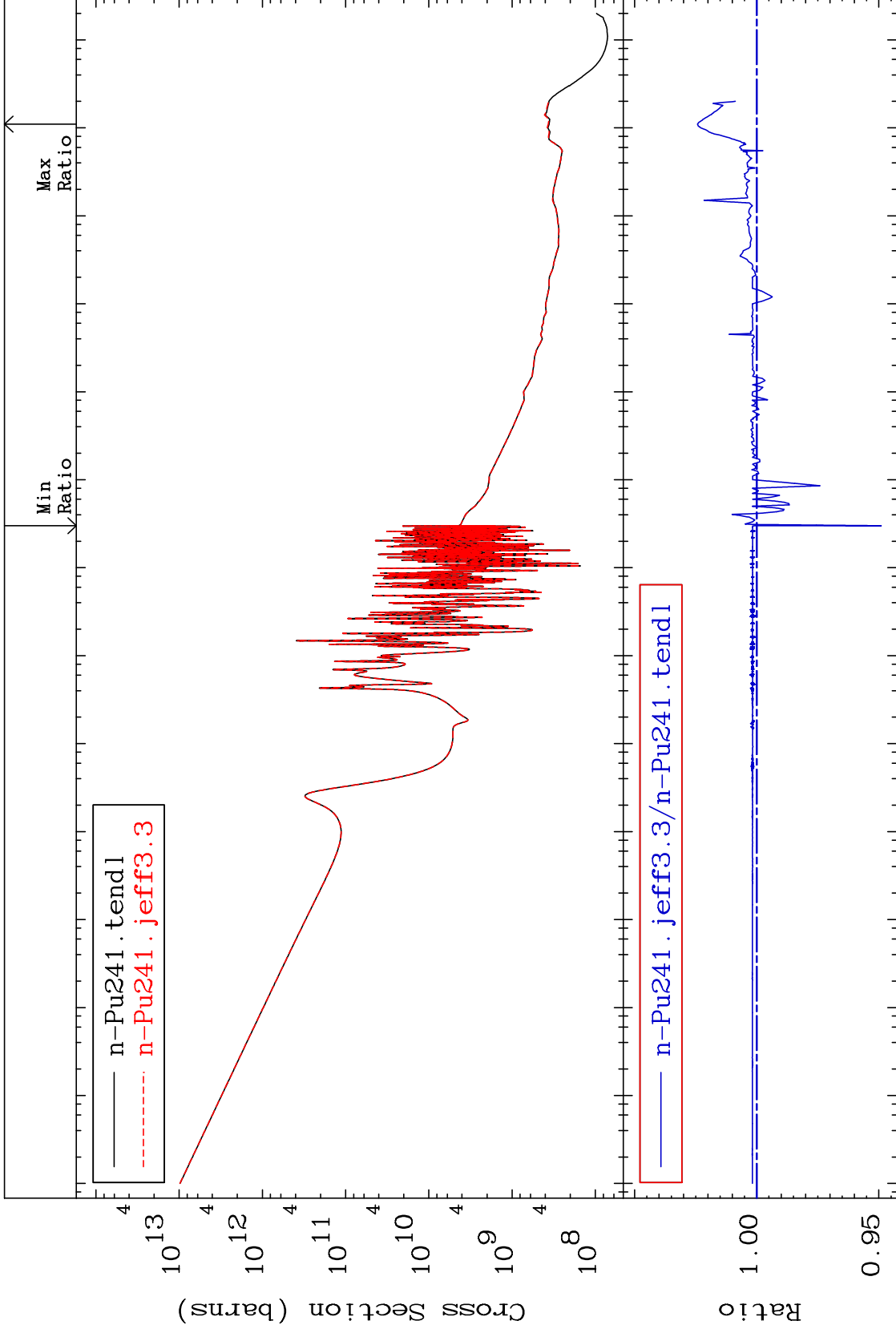
94-Pu-241  
-14.46 To 58.16 %



MAT 9443

Total kinematic kerma (high limit)  
Cross Section

94-Pu-241  
-5.092 To 2.426 %



50

Incident Energy (eV)

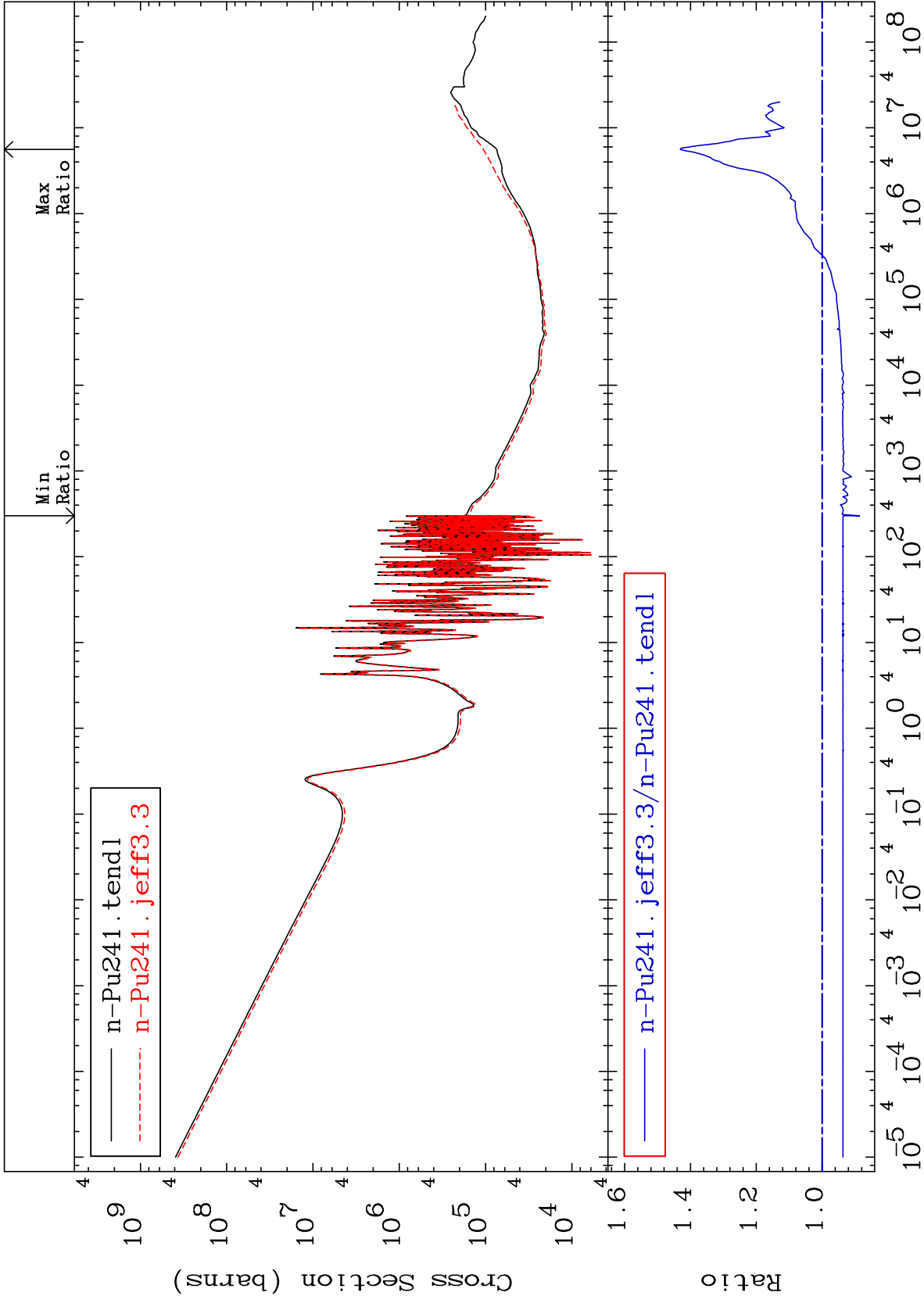
94-Pu-241



MAT 9443

Dpa total (eV-barns)  
Cross Section

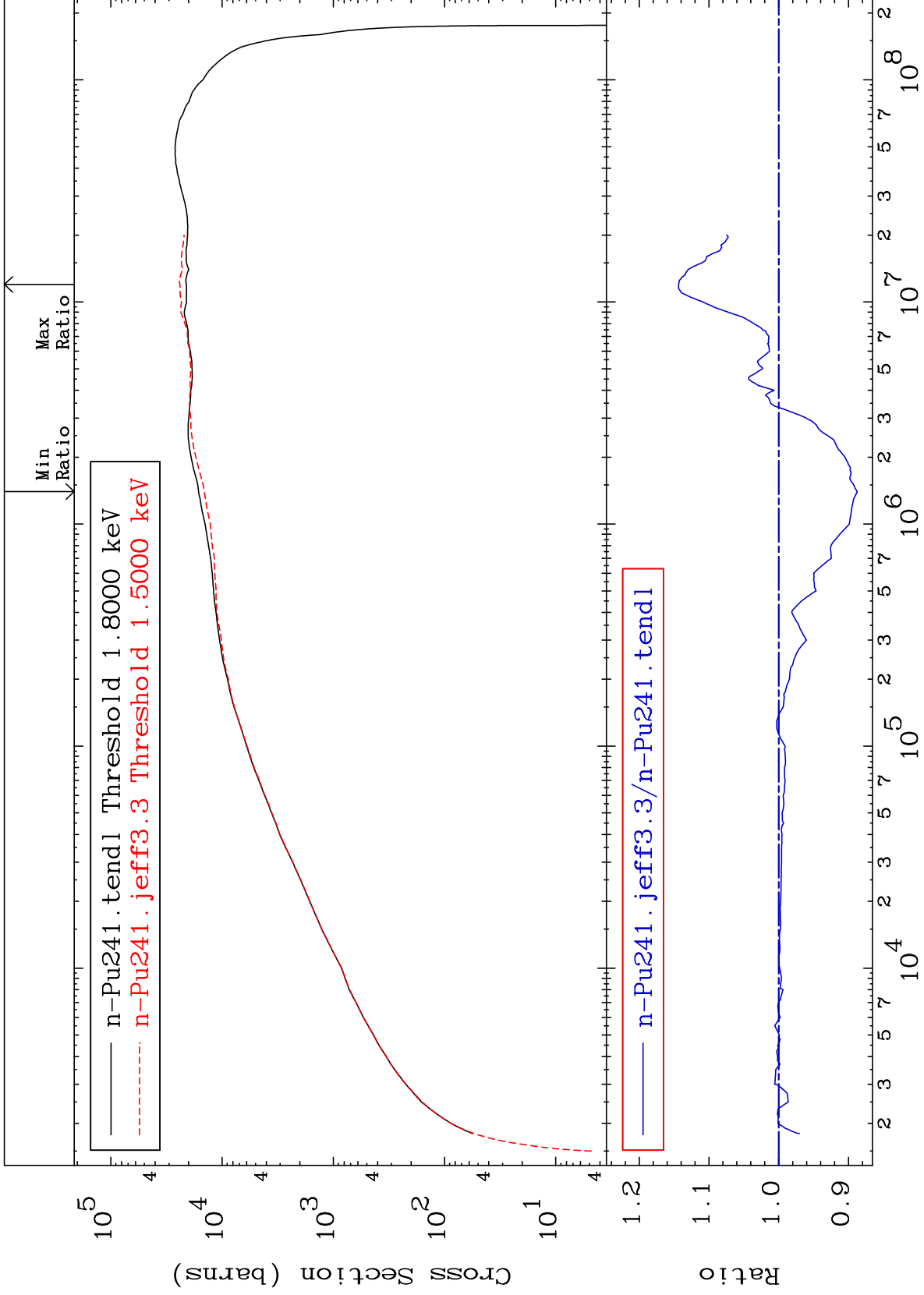
94-Pu-241  
-11.33 To 43.06 %



MAT 9443

Dpa elastic (mt2)  
Cross Section

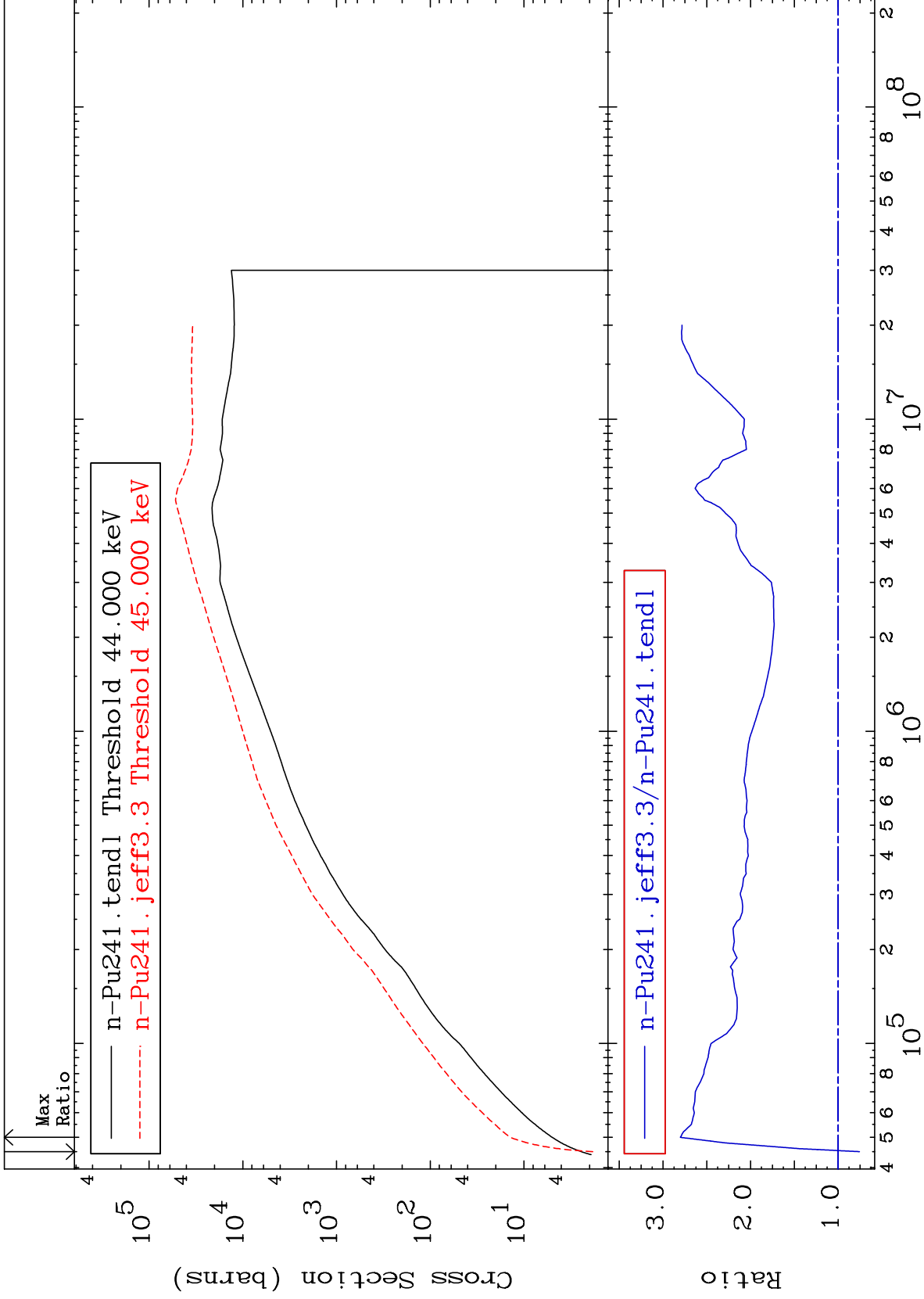
94-Pu-241  
-11.26 To 14.35 %



MAT 9443

Dpa inelastic (mt51-91)  
Cross Section

94-Pu-241  
-24.38 To 180.2 %



MAT 9443

Dpa disappearance (mt102 -120)  
Cross Section

94-Pu-241  
-100.0 To 256.9 %

