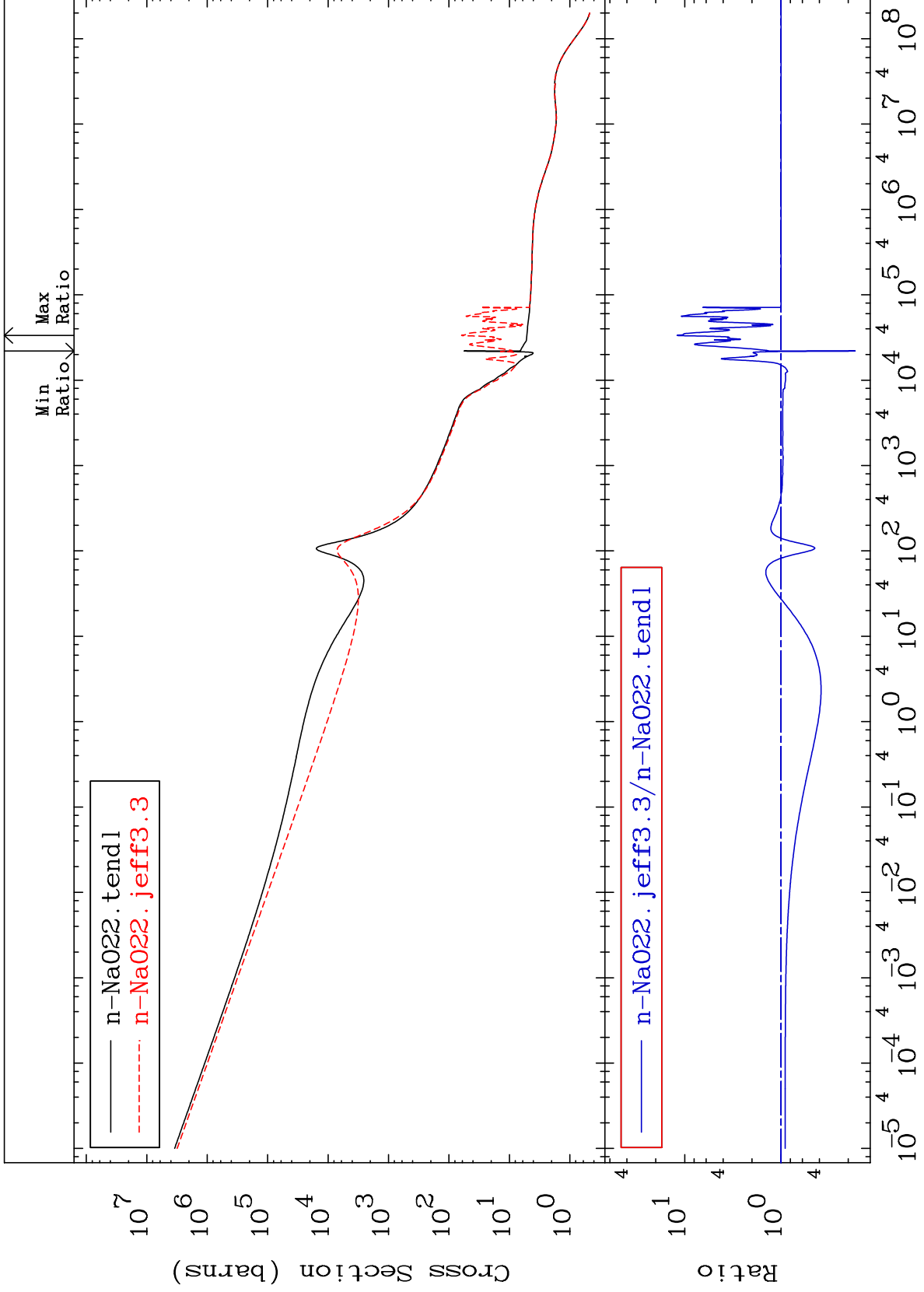


MAT 1122

Total  
Cross Section

11-Na-22  
-83.00 To 1106. %



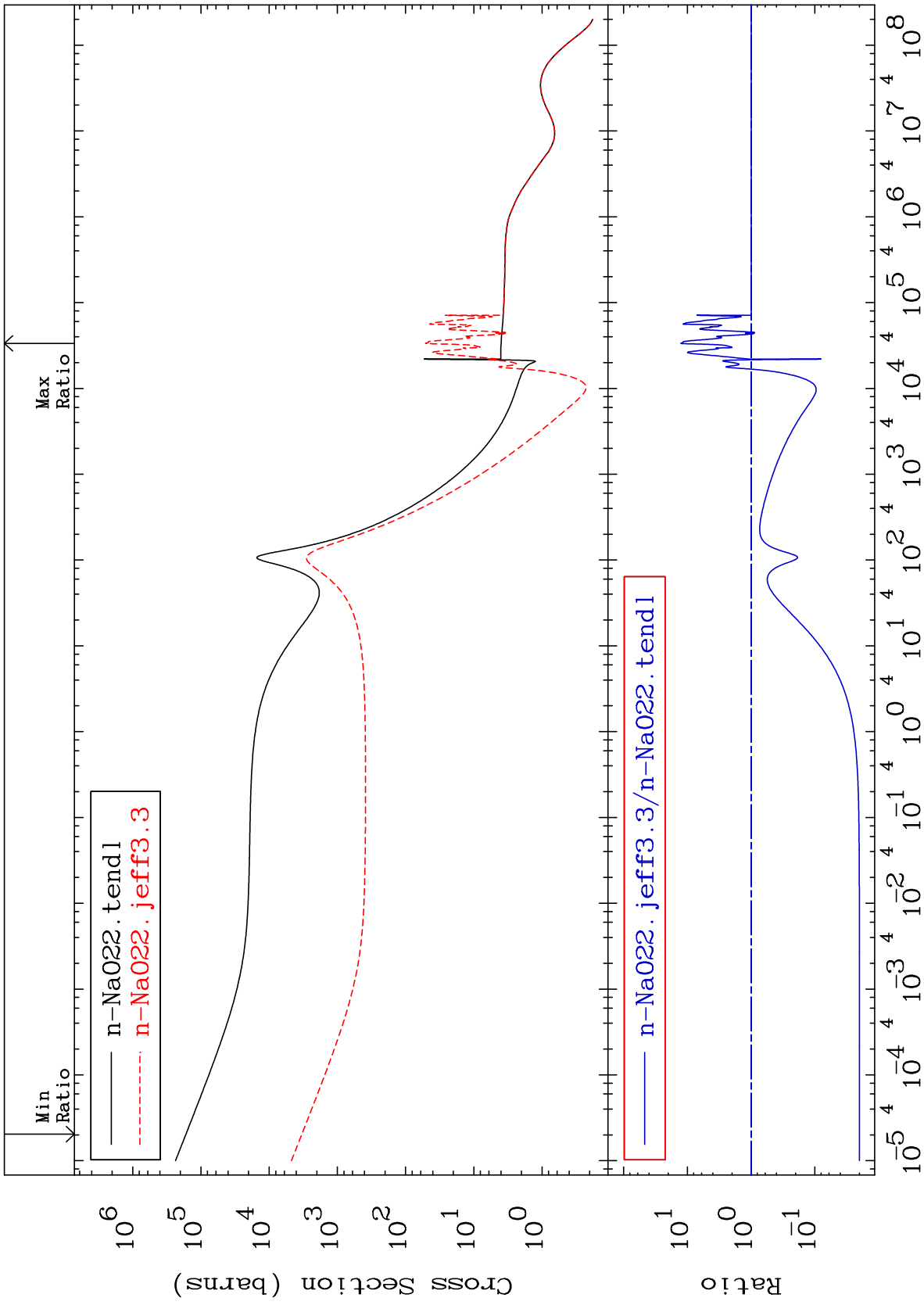
Incident Energy (eV)

11-Na-22

MAT 1122

Elastic  
Cross Section

11-Na-22  
-98.00 To 1190. %



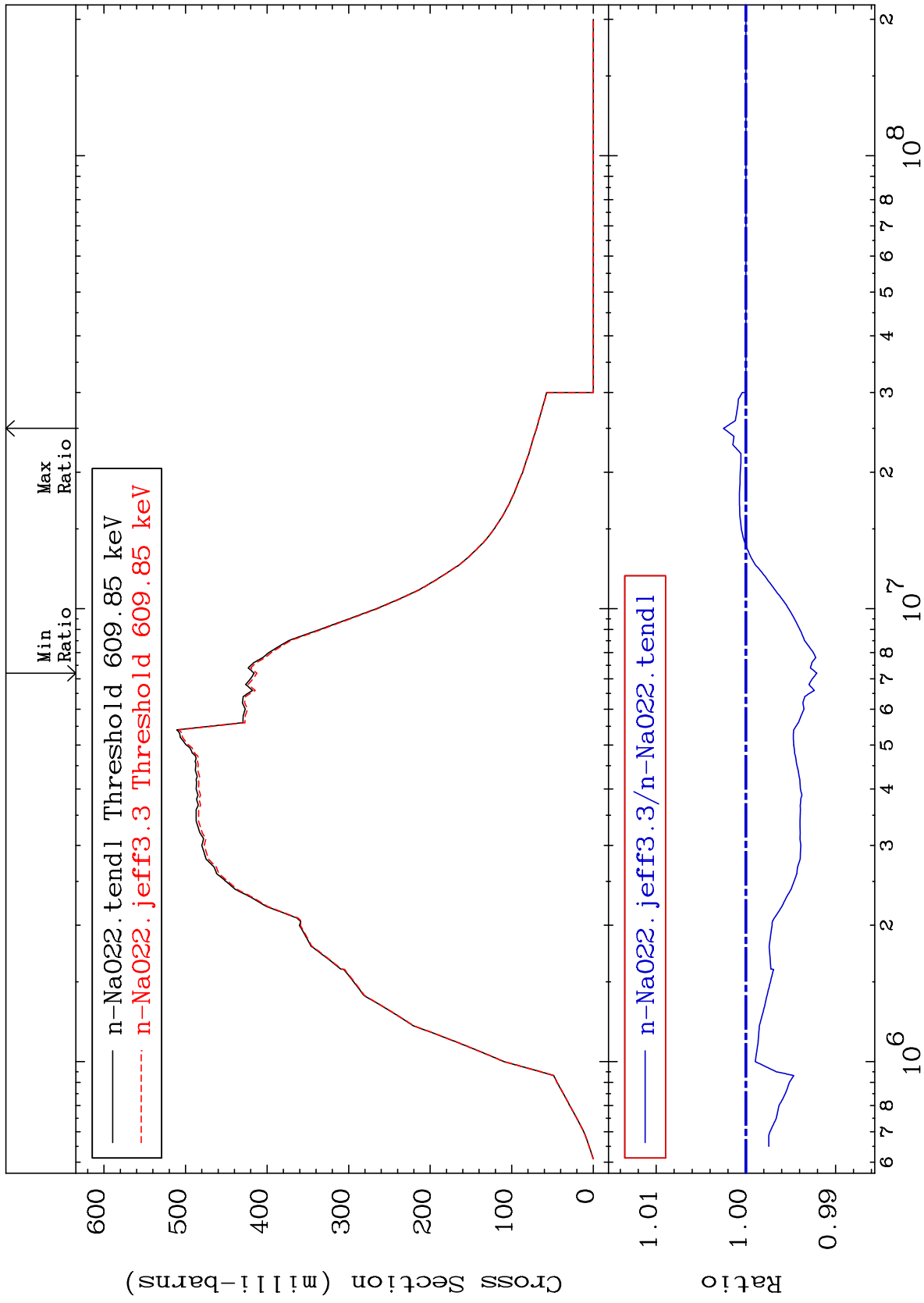
MAT 1122

11-Na-22

-0.791 To 0.250 %

Inelastic

Cross Section



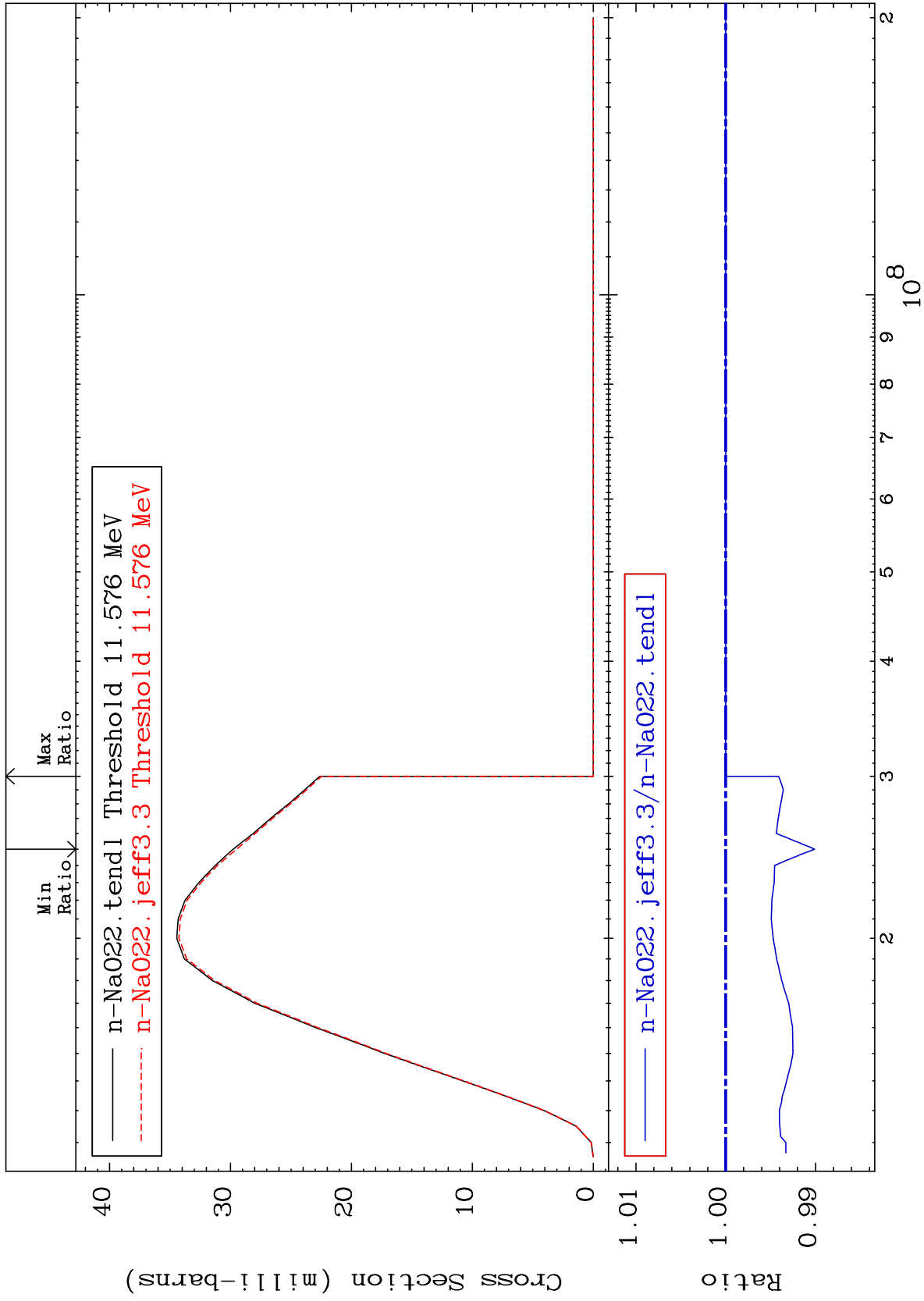
MAT 1122

(n,2n)

11-Na-22

Cross Section

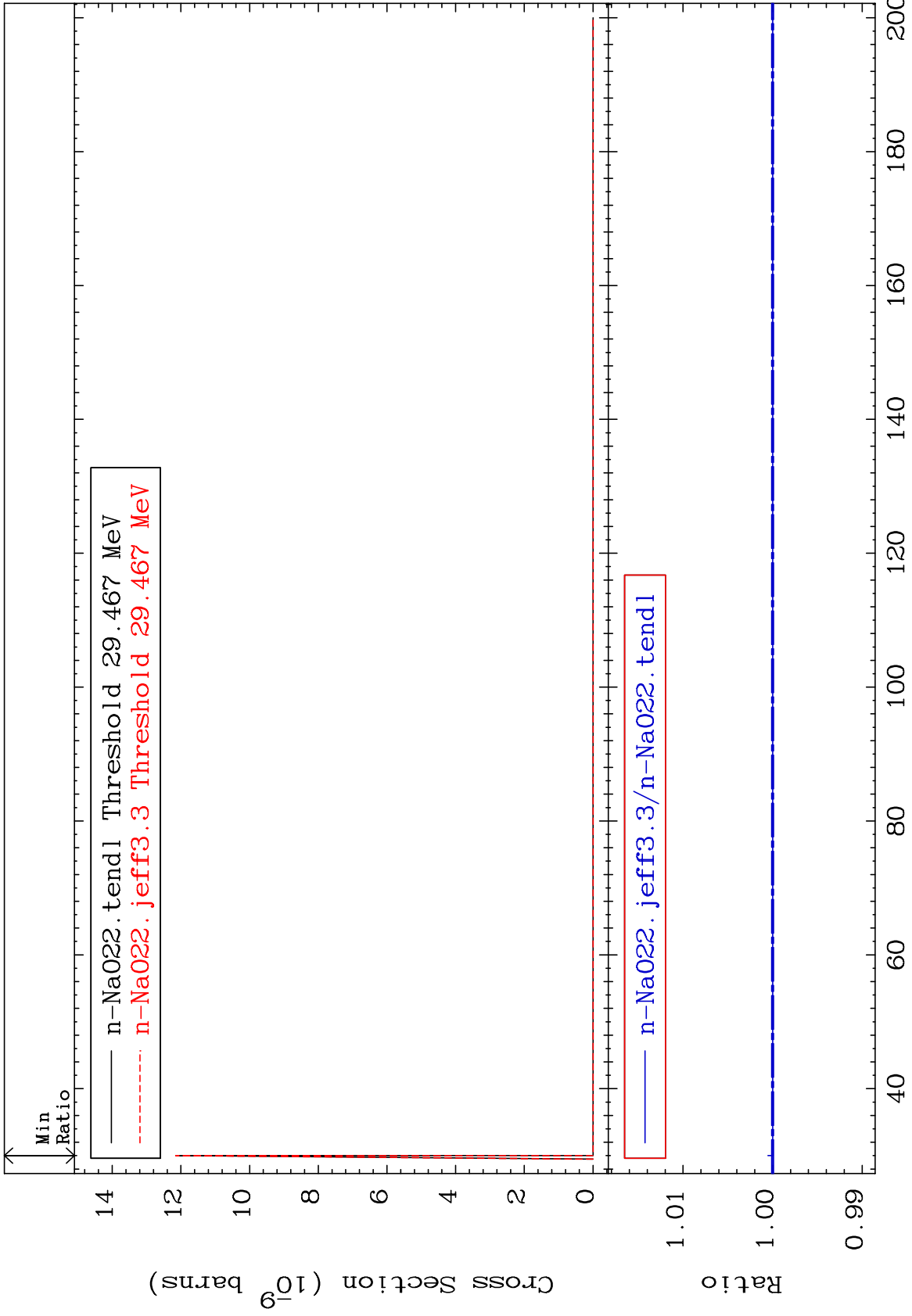
-0.989 To 0.000 %



MAT 1122

(n,3n)  
Cross Section

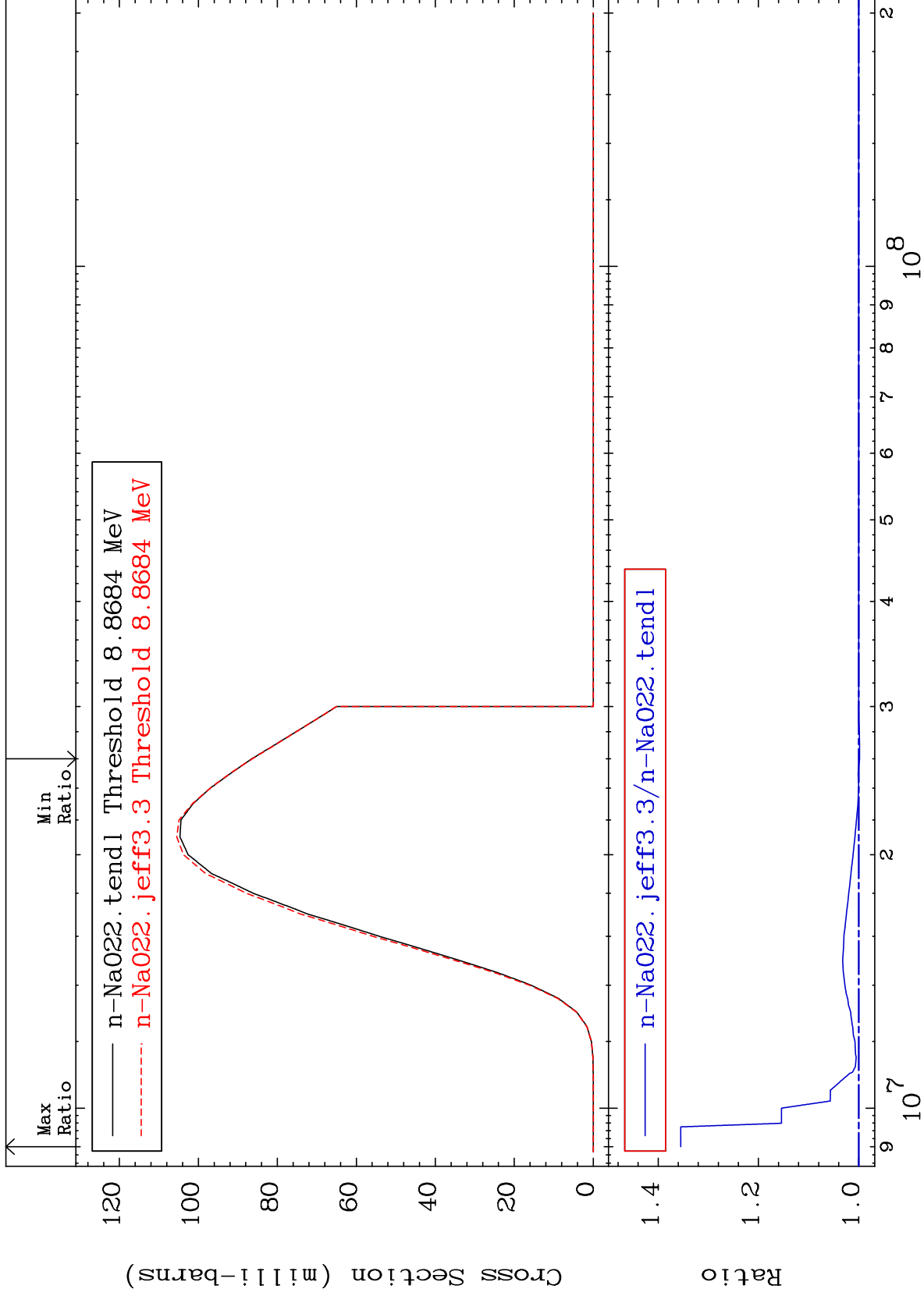
11-Na-22  
0.000 To 0.052 %



MAT 1122

(n,n')  $\alpha$   
Cross Section

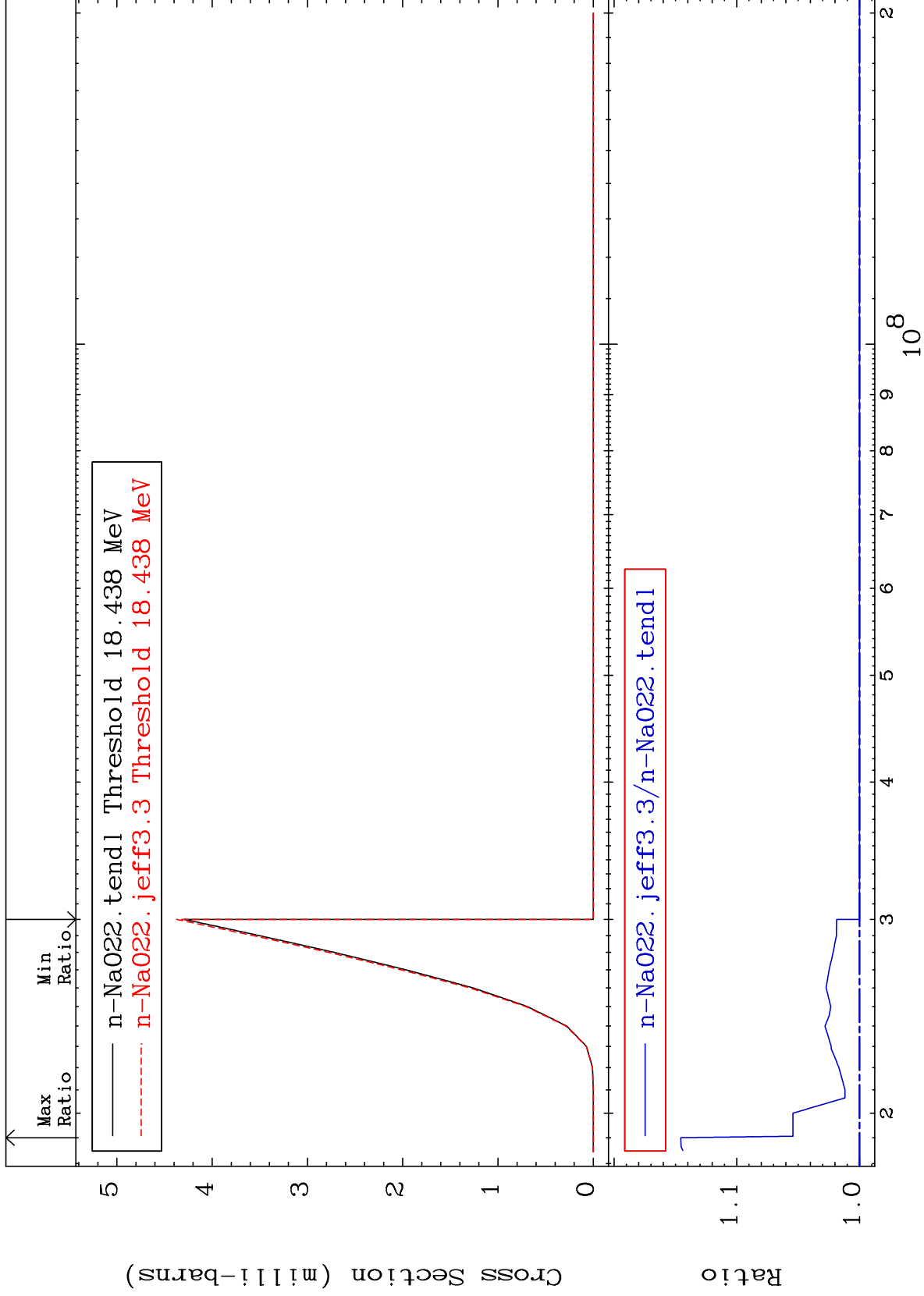
11-Na-22  
-0.150 To 35.49 %



MAT 1122

(n,2n)  $\alpha$   
Cross Section

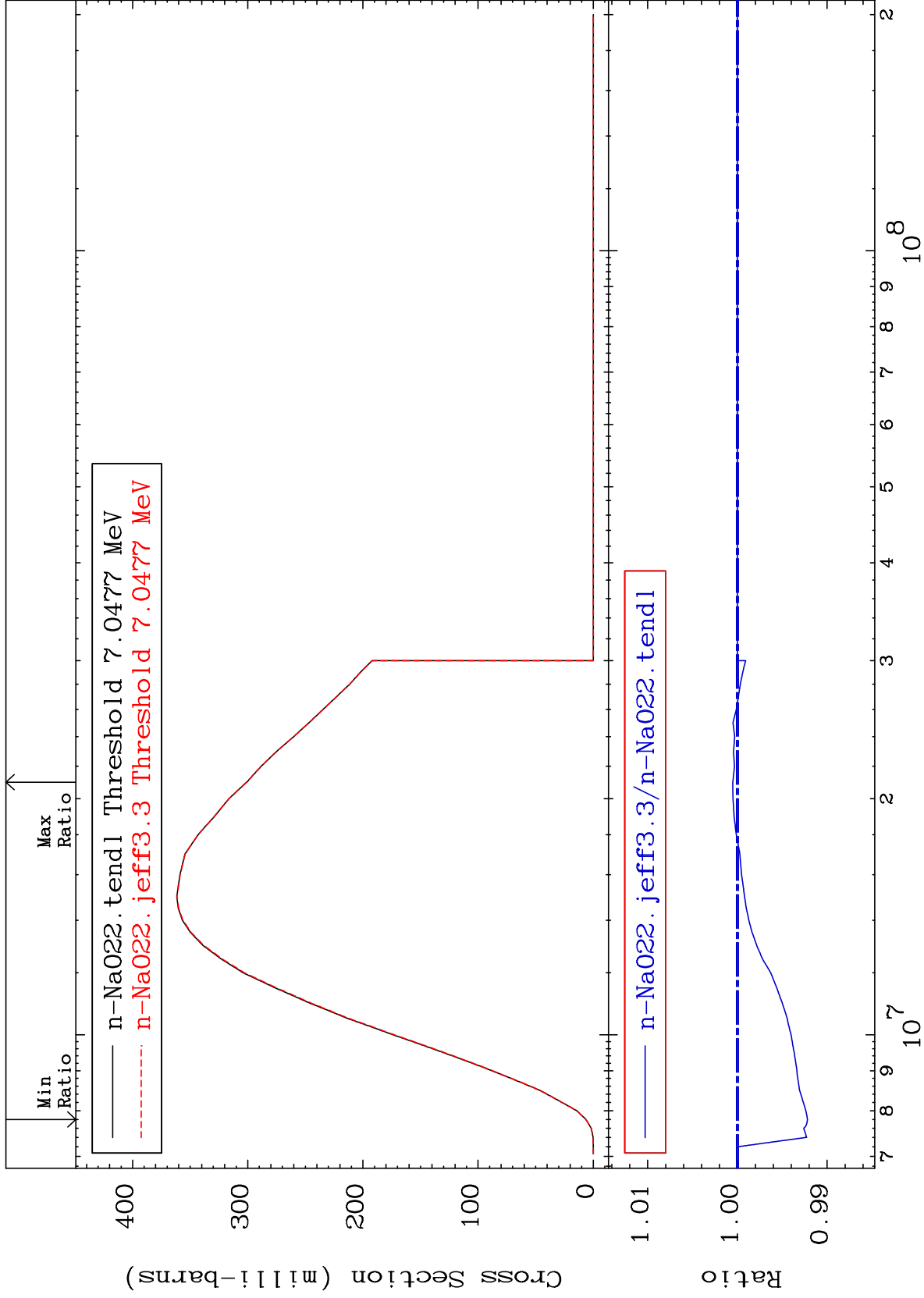
11-Na-22  
0.000 To 14.57 %



MAT 1122

(n,n') p  
Cross Section

11-Na-22  
-0.781 To 0.052 %

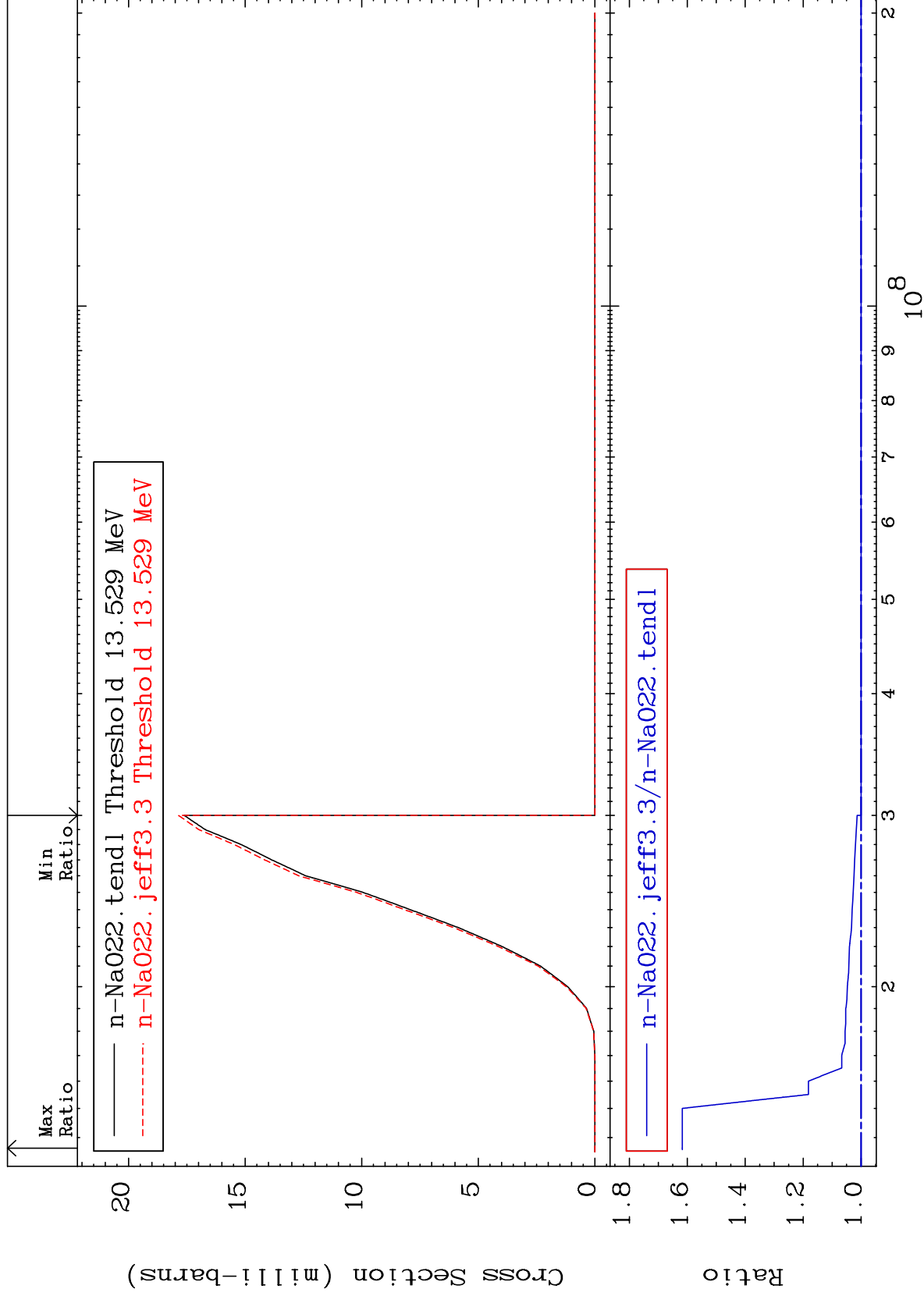




MAT 1122

(n, n')  $2\alpha$   
Cross Section

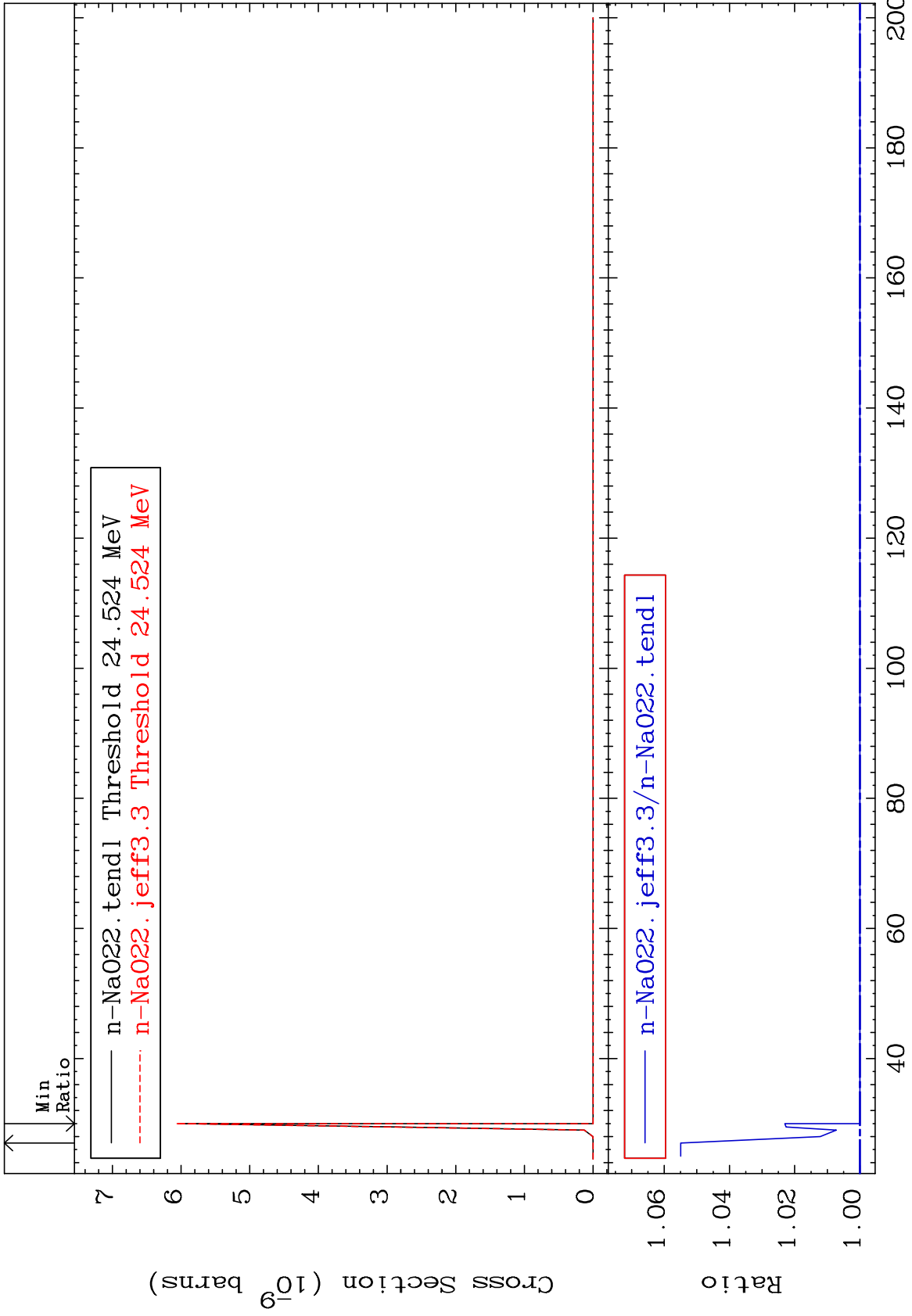
11-Na-22  
0.000 To 61.71 %



MAT 1122

(n,2n) 2 $\alpha$   
Cross Section

11-Na-22  
To 5.494 %  
0.000



10

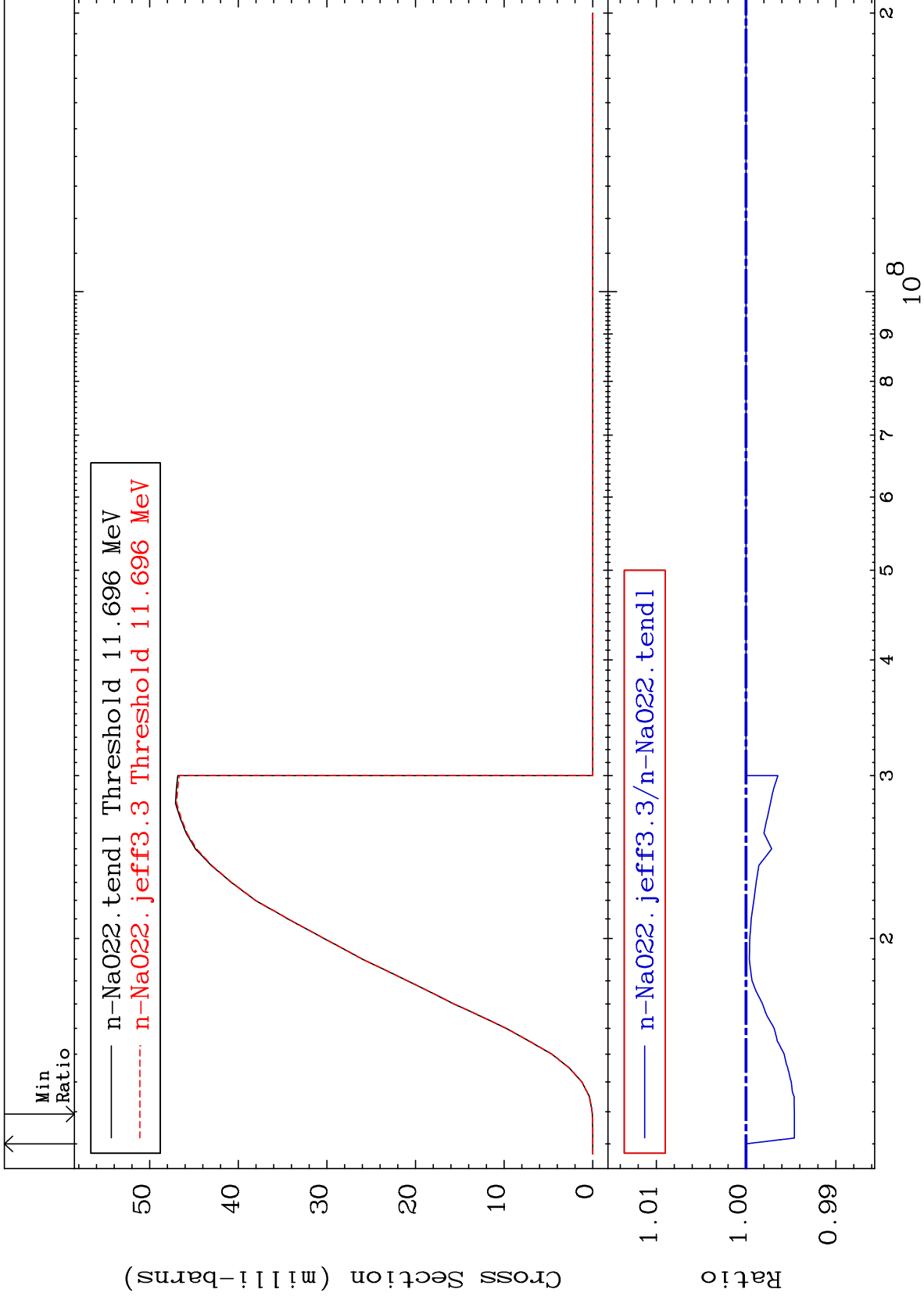
Incident Energy (MeV)

11-Na-22

MAT 1122

(n,n') d  
Cross Section

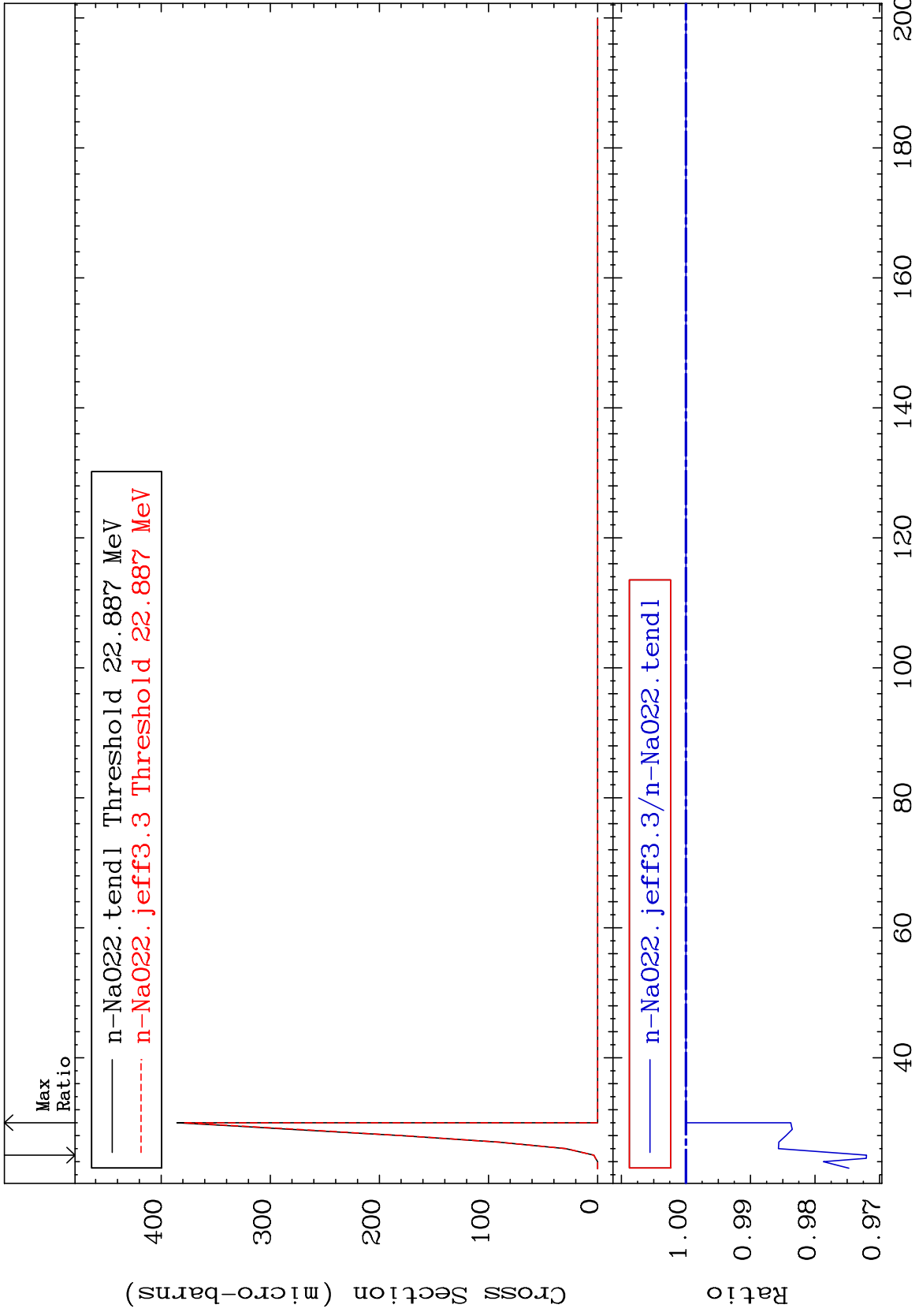
11-Na-22  
-0.539 To 0.007 %



MAT 1122

(n,n') t  
Cross Section

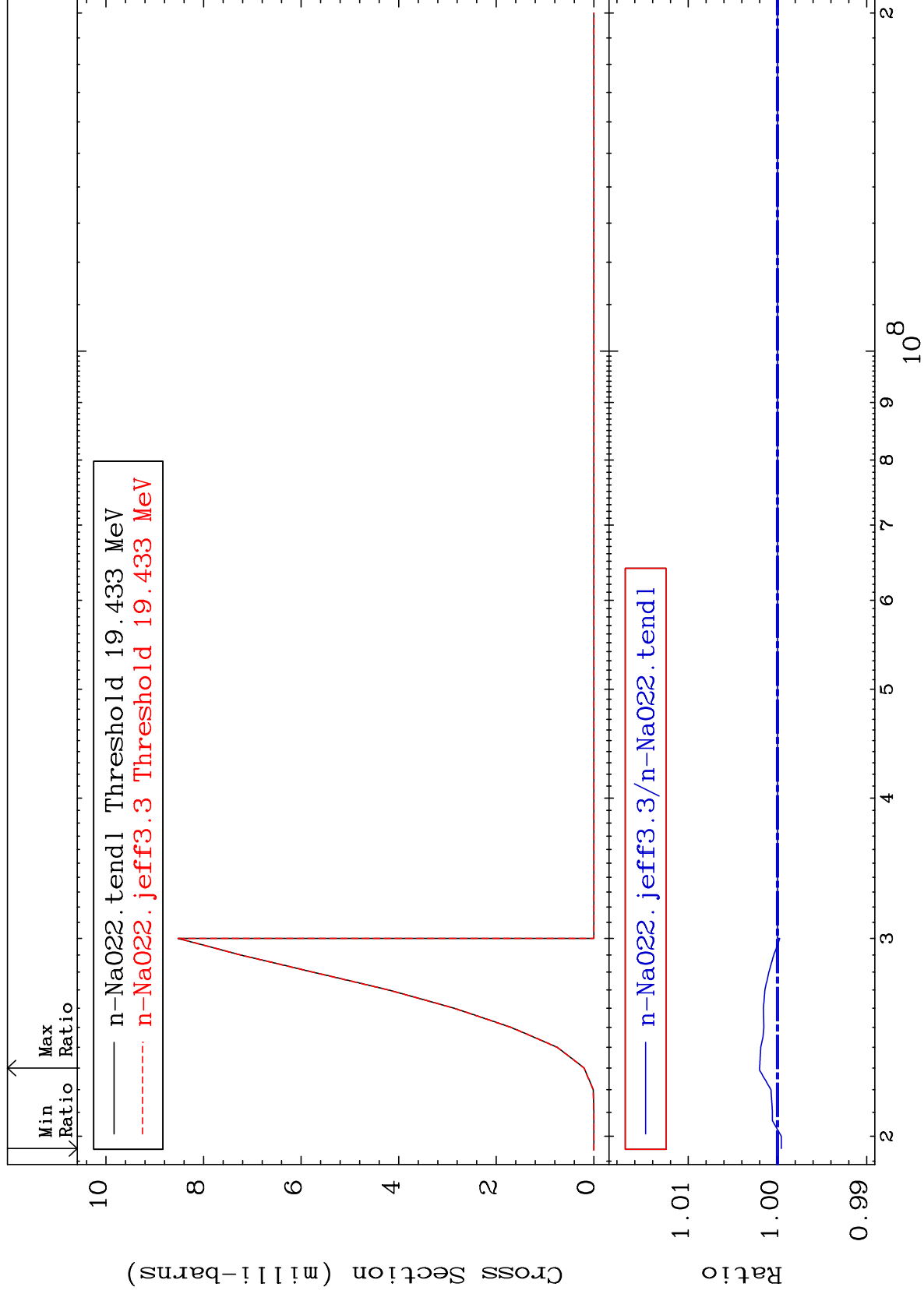
11-Na-22  
-2.798 To 0.000 %



MAT 1122

(n, n') He-3  
Cross Section

11-Na-22  
-0.043 To 0.201 %



13

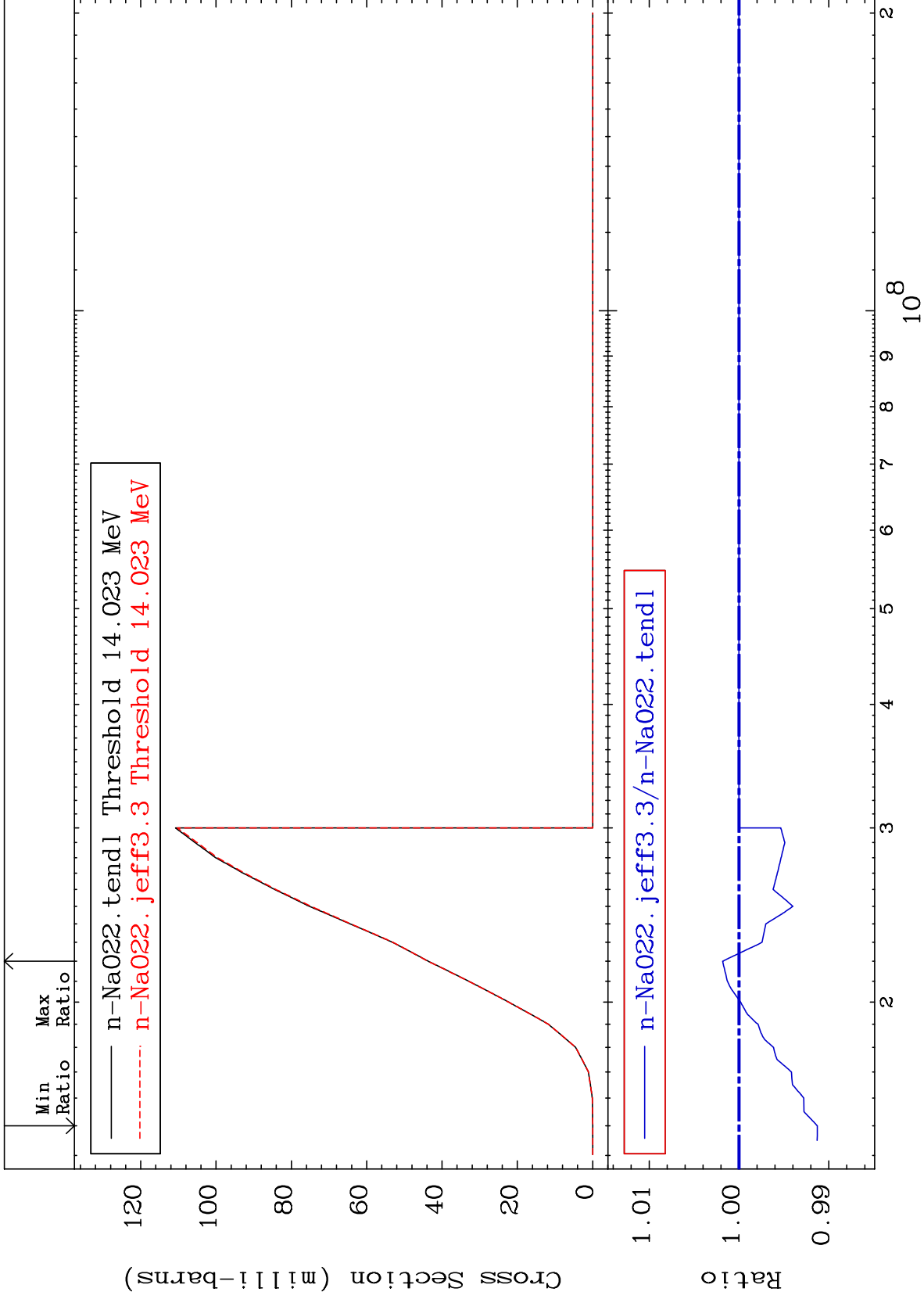
Incident Energy (eV)

11-Na-22

MAT 1122

(n,2n) p  
Cross Section

11-Na-22  
-0.871 To 0.183 %



14

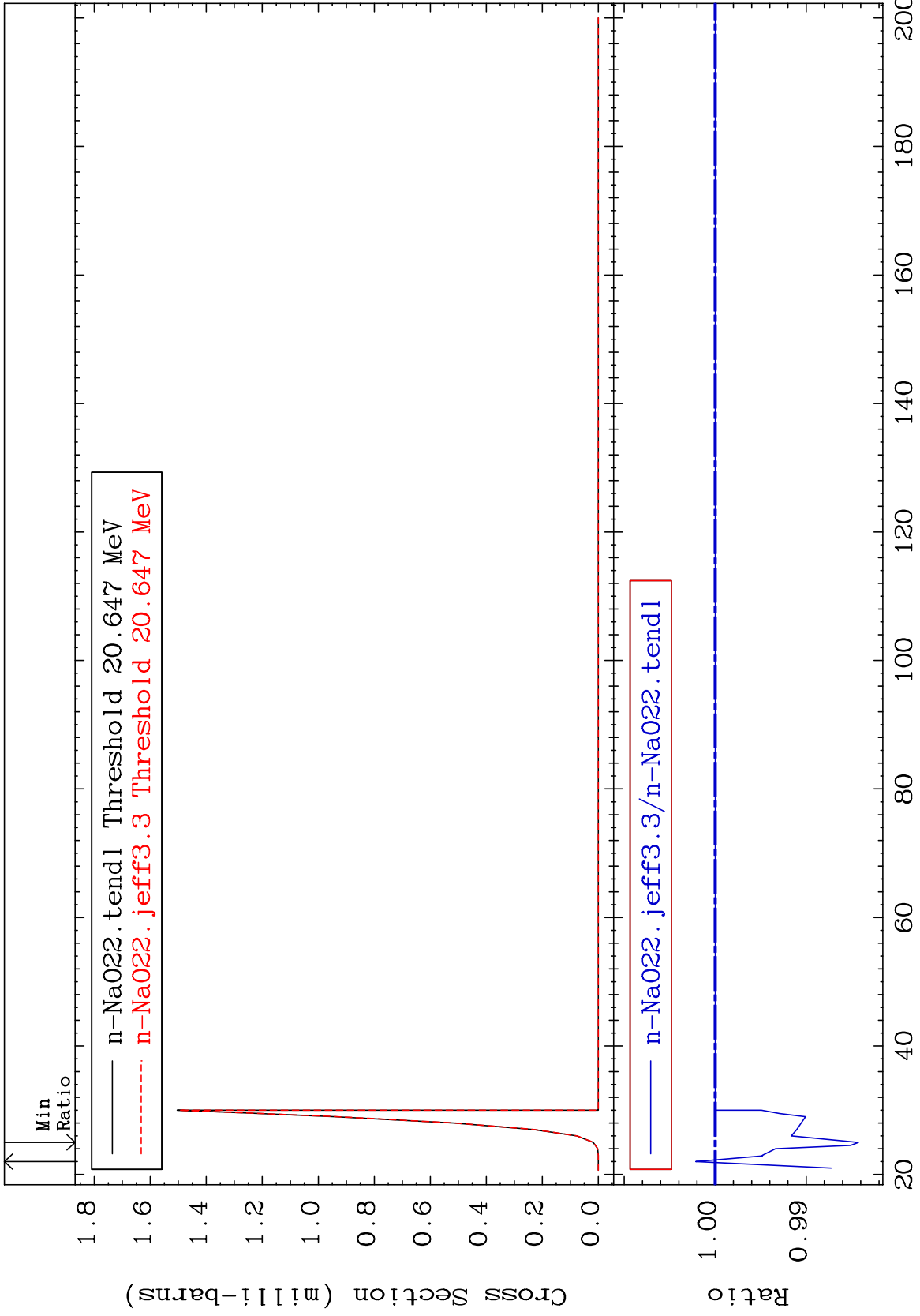
Incident Energy (eV)

11-Na-22

MAT 1122

(n,2n) p  
Cross Section

11-Na-22  
-1.575 To 0.214 %



15

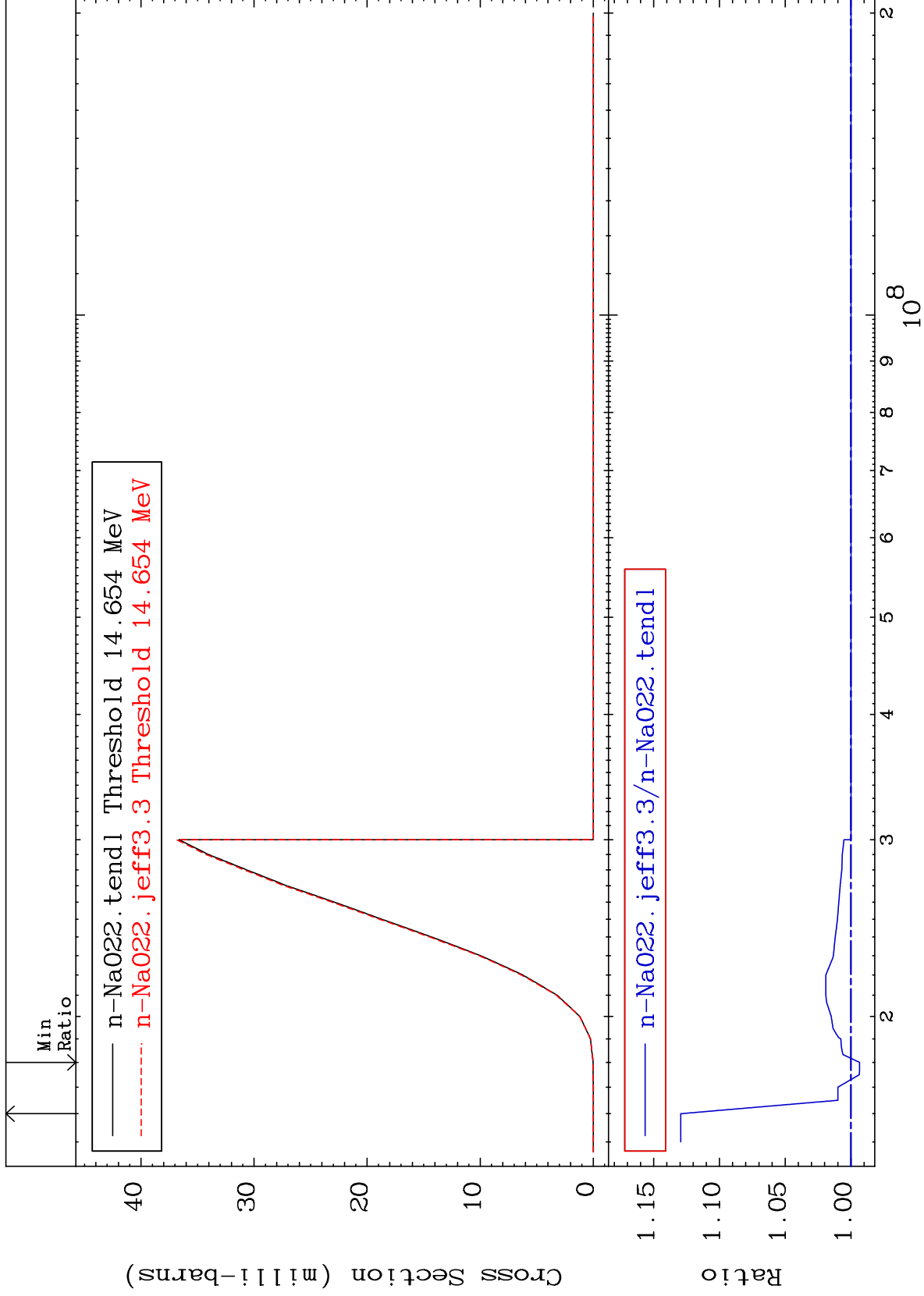
Incident Energy (MeV)

11-Na-22

MAT 1122

(n,n') p  $\alpha$   
Cross Section

11-Na-22  
-0.653 To 12.94 %

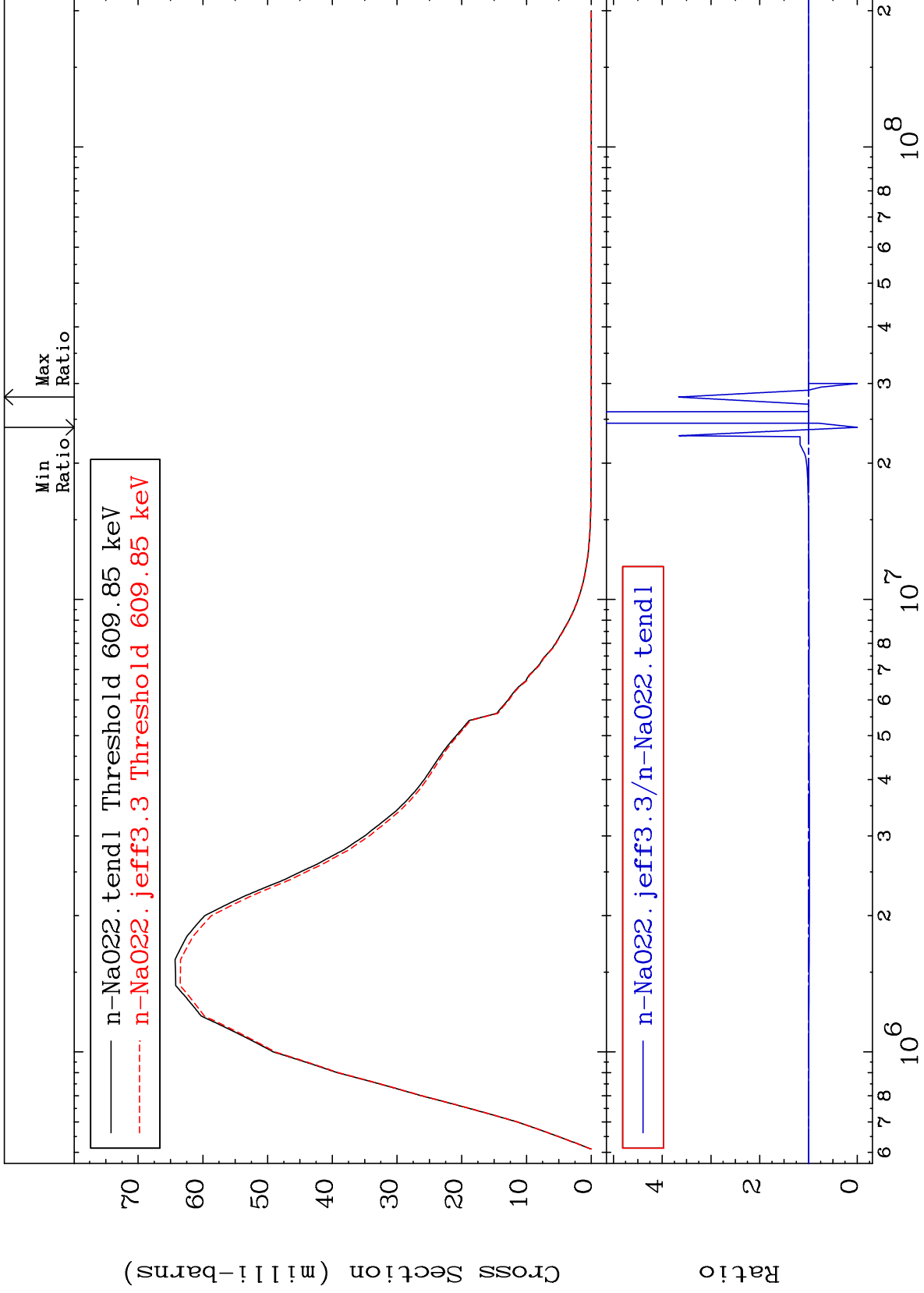




MAT 1122

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

11-Na-22  
-100.0 To 266.2 %



17

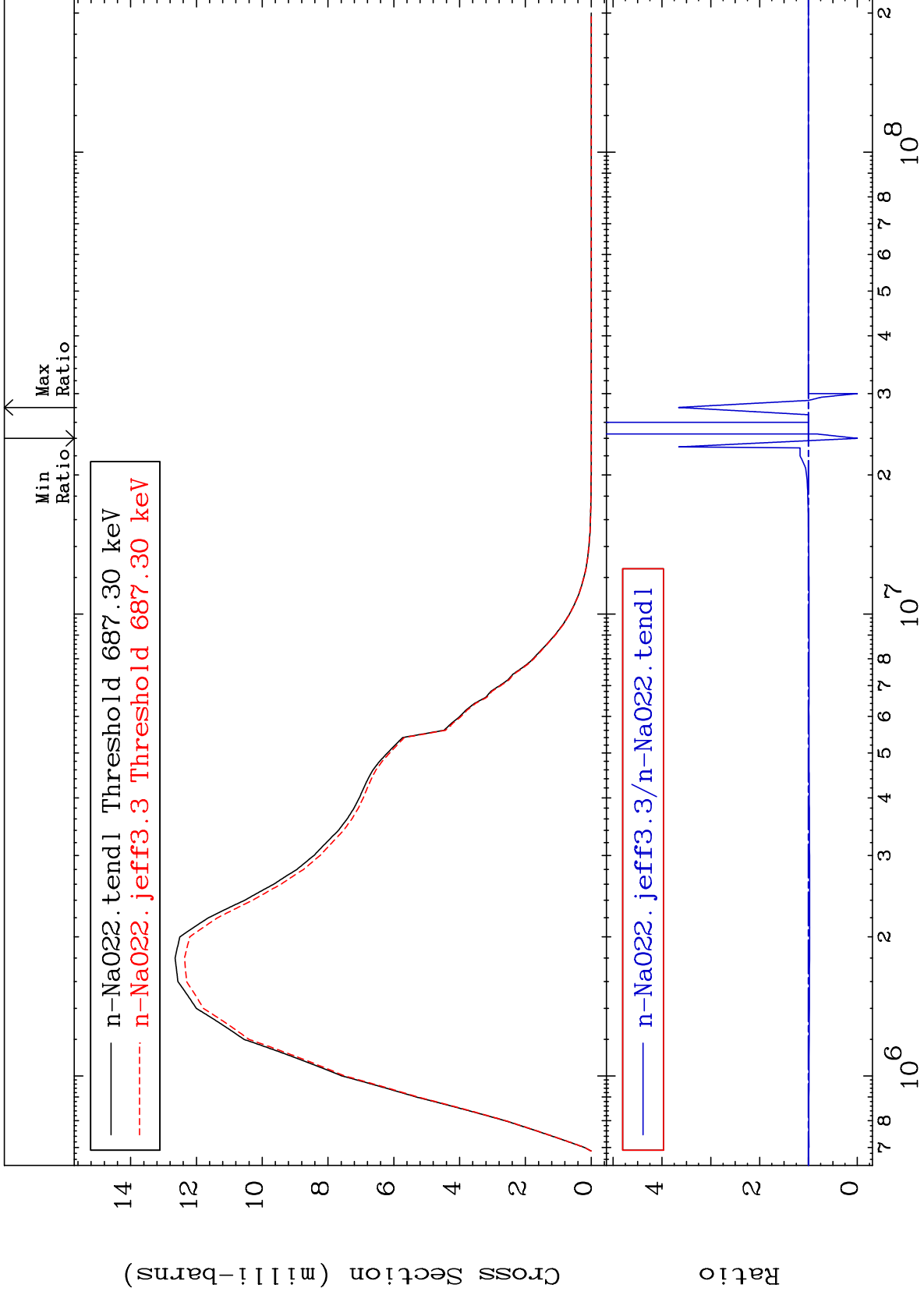
Incident Energy (eV)

11-Na-22

MAT 1122

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

11-Na-22  
-100.0 To 265.9 %



18

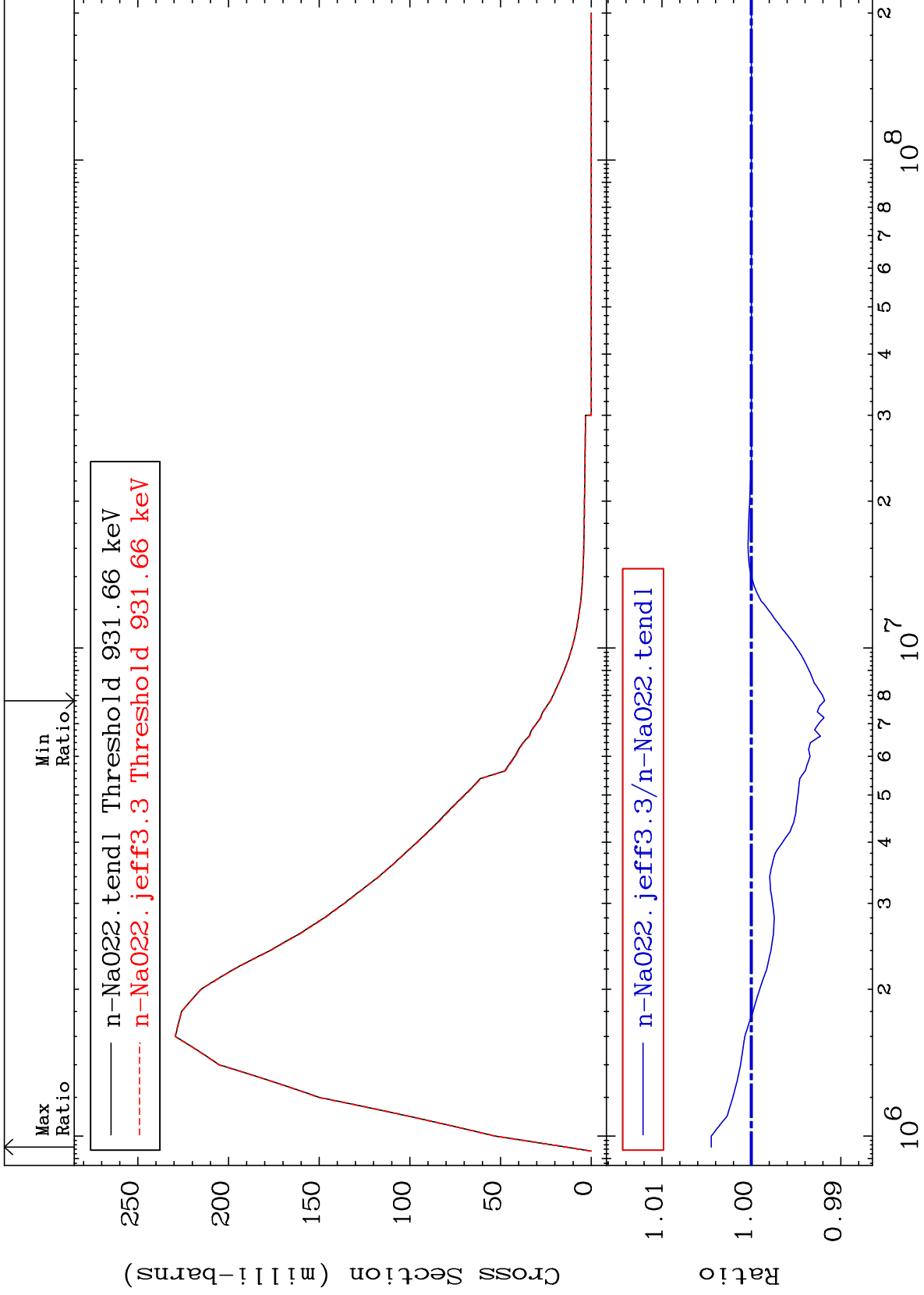
Incident Energy (eV)

11-Na-22

MAT 1122

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

11-Na-22  
-0.819 To 0.448 %



19

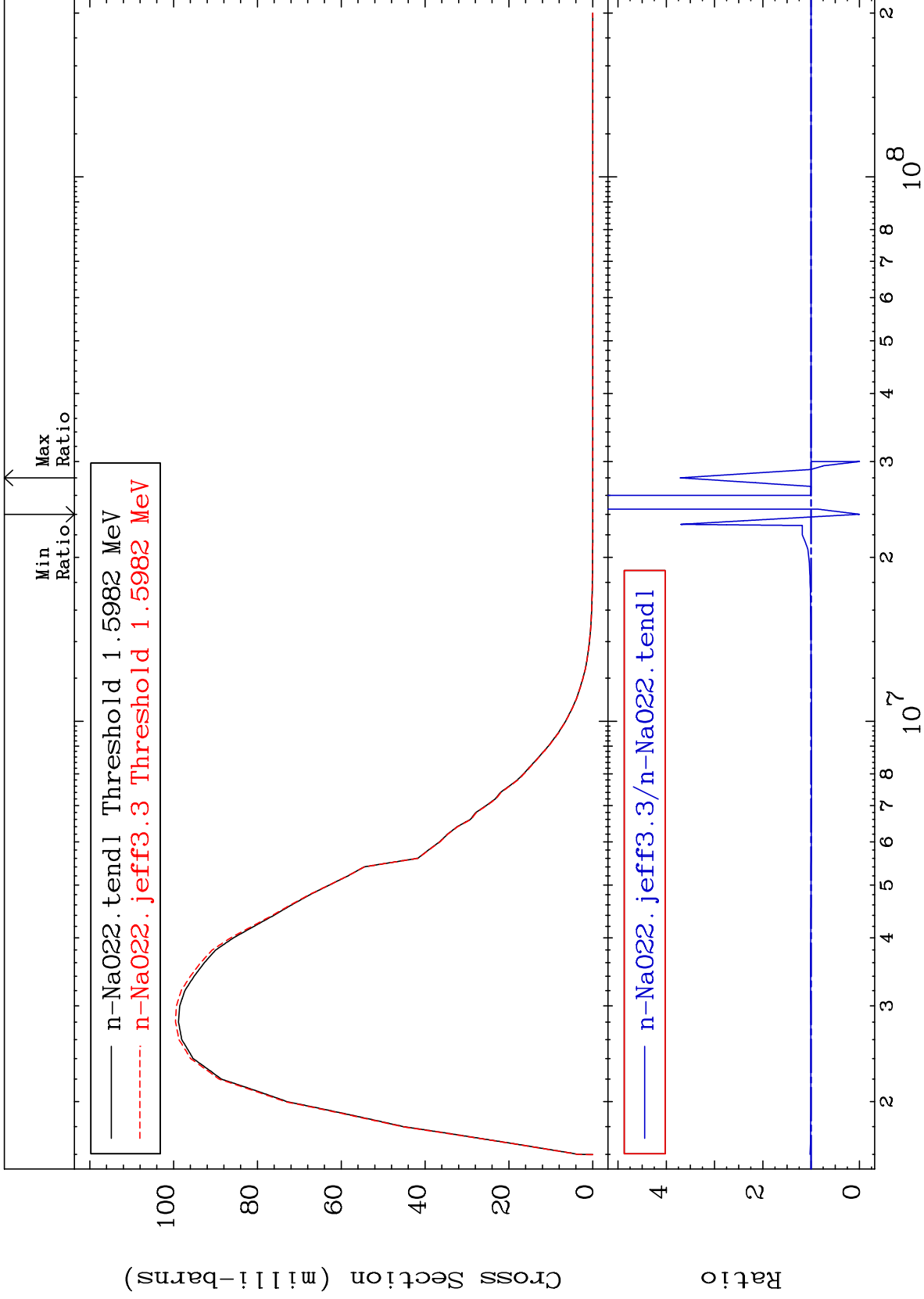
11-Na-22

11-Na-22

MAT 1122

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

11-Na-22  
-100.0 To 270.8 %



20

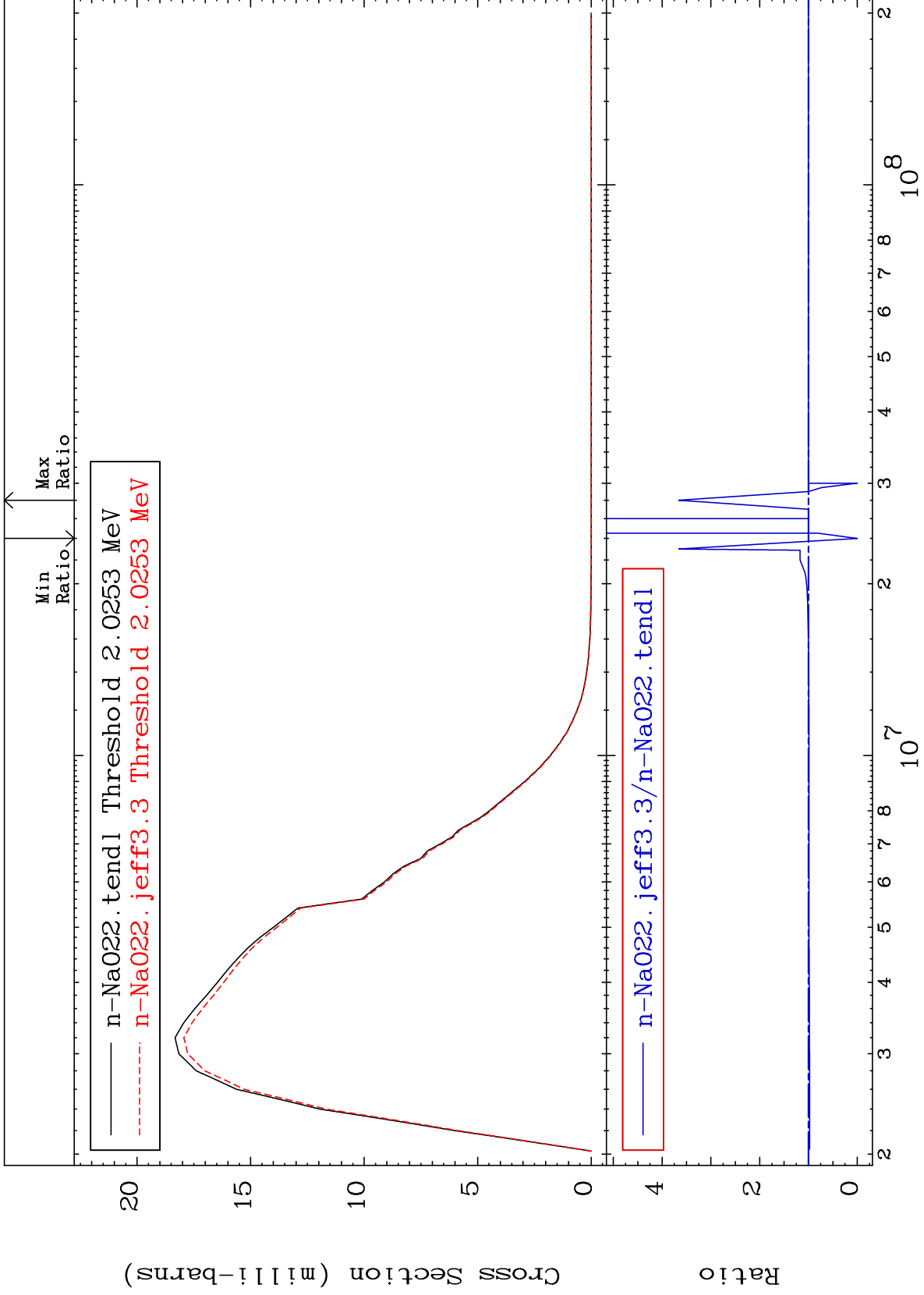
Incident Energy (eV)

11-Na-22

MAT 1122

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

11-Na-22  
-100.0 To 266.1 %



21

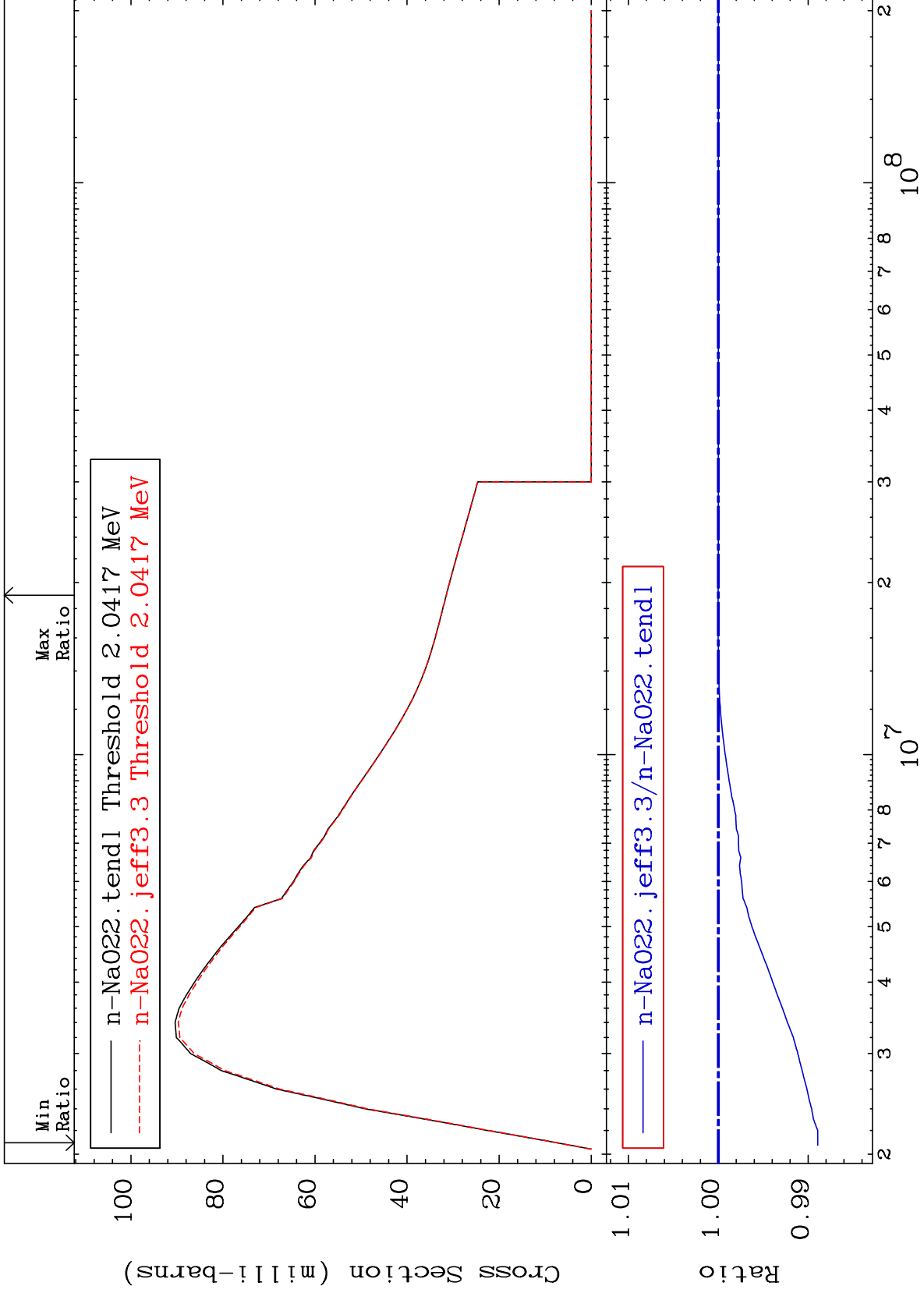
Incident Energy (eV)

11-Na-22

MAT 1122

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

11-Na-22  
-1.107 To 0.001 %



22

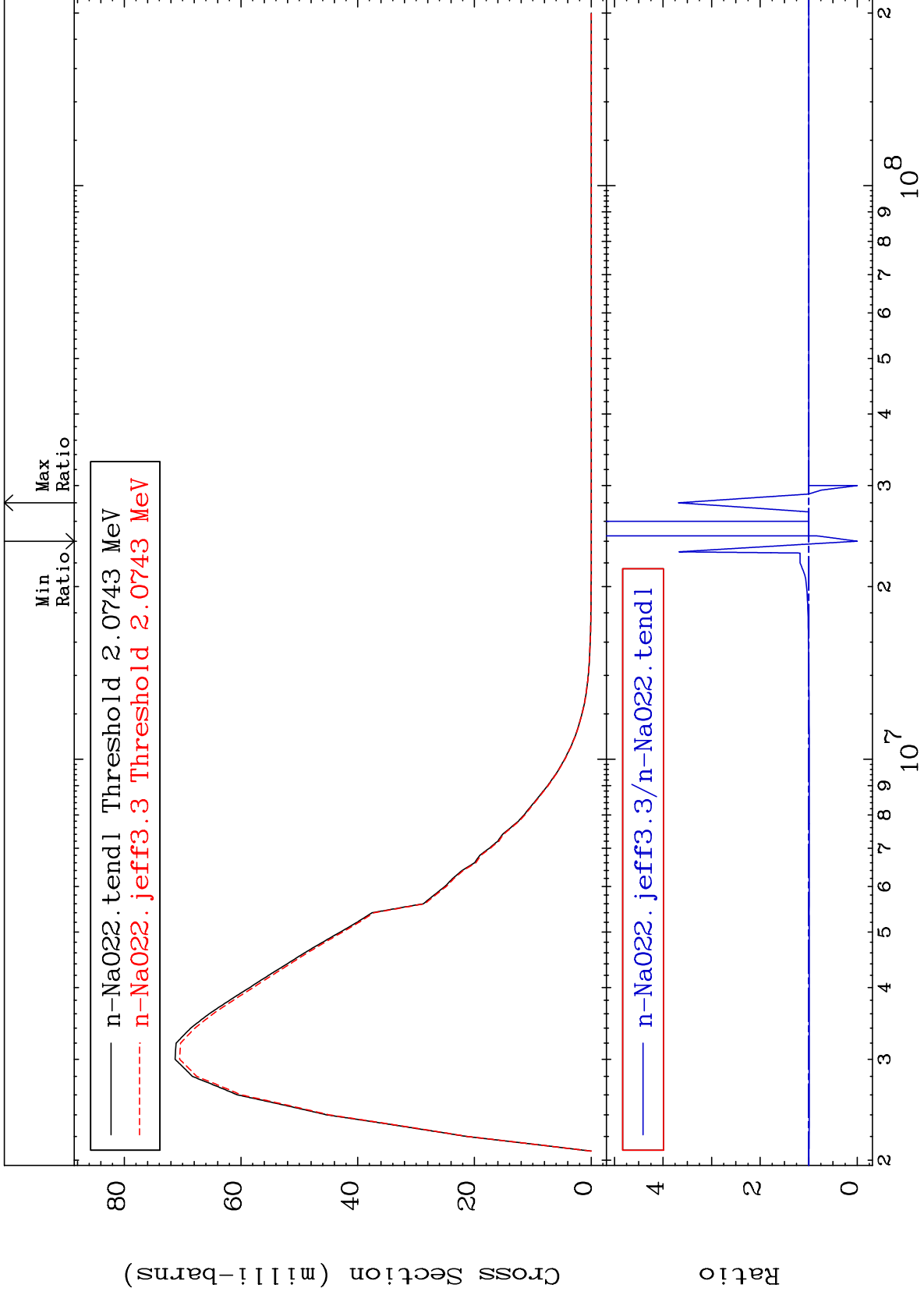
Incident Energy (eV)

11-Na-22

MAT 1122

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

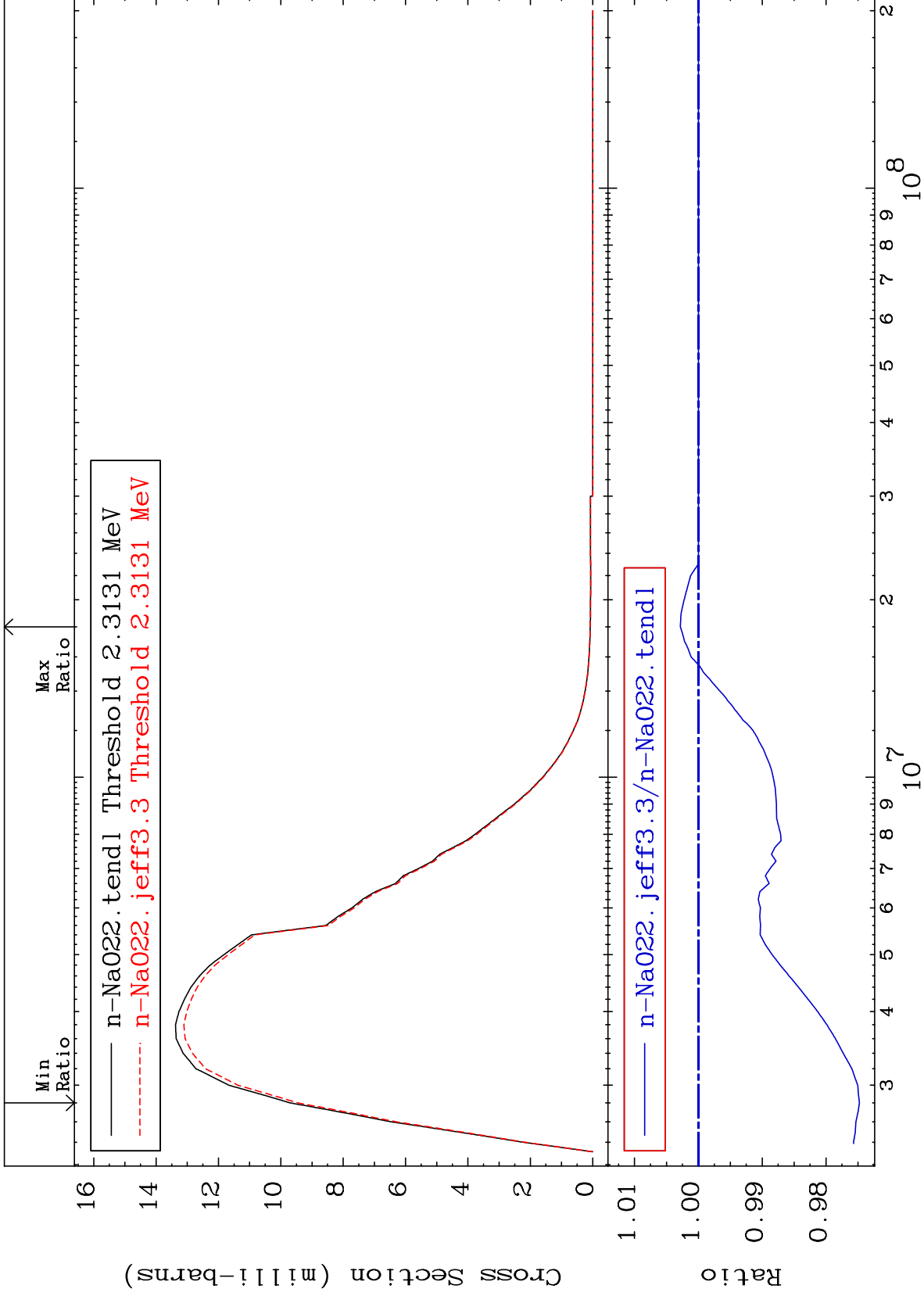
11-Na-22  
-100.0 To 267.8 %



MAT 1122

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

11-Na-22  
-2.523 To 0.282 %

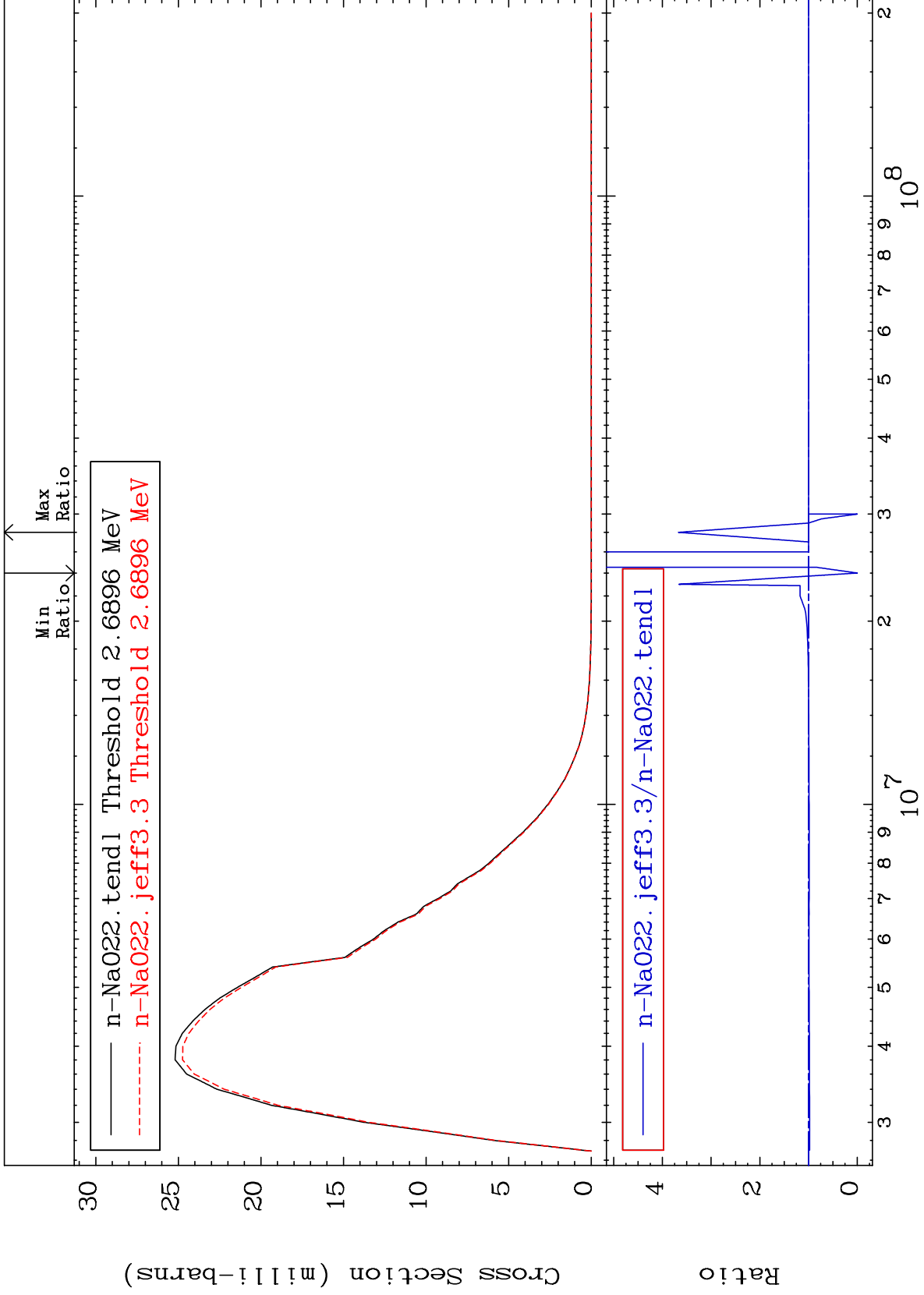




MAT 1122

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

11-Na-22  
-100.0 To 266.7 %



25

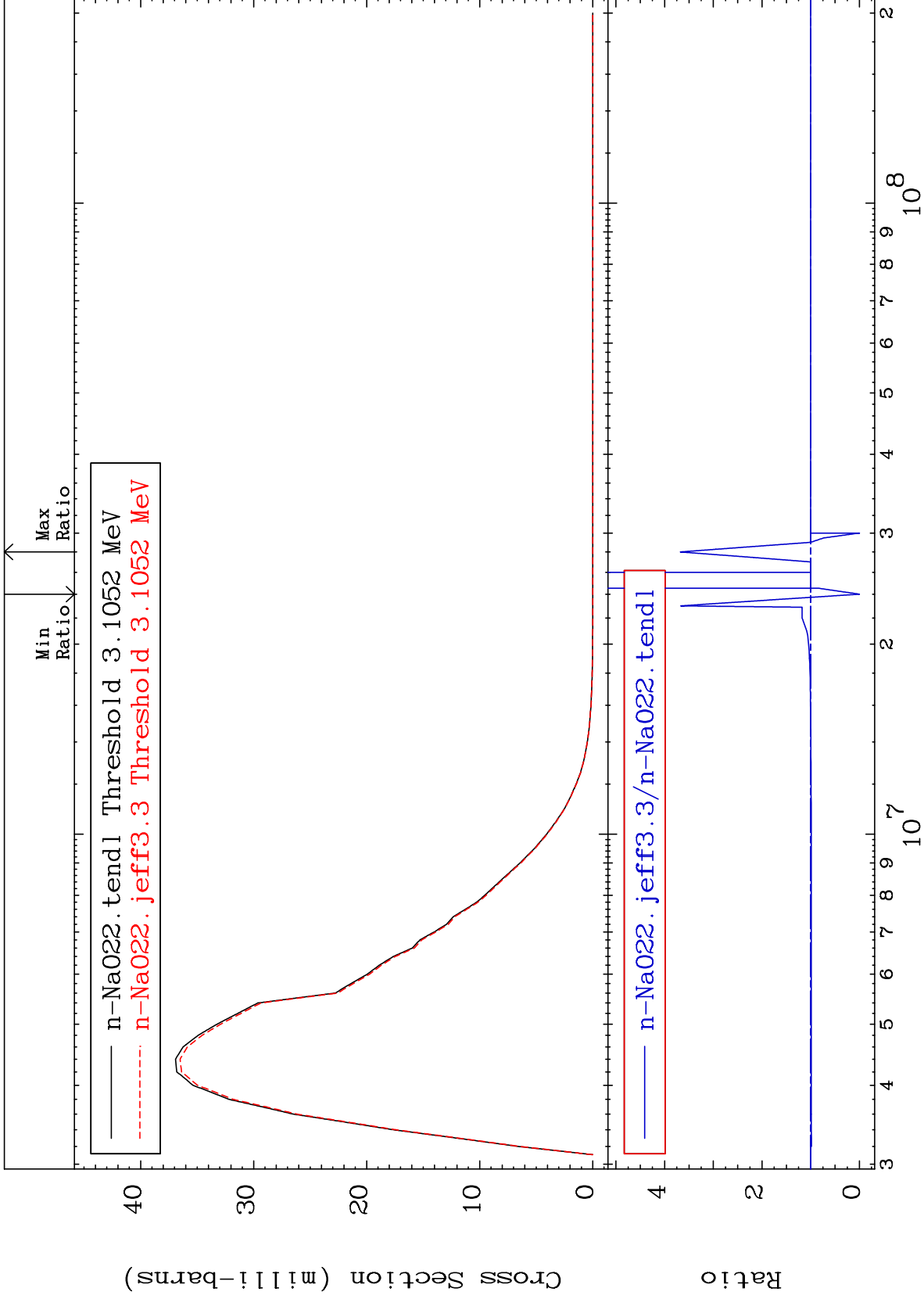
Incident Energy (eV)

11-Na-22

MAT 1122

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

11-Na-22  
-100.0 To 267.7 %



26

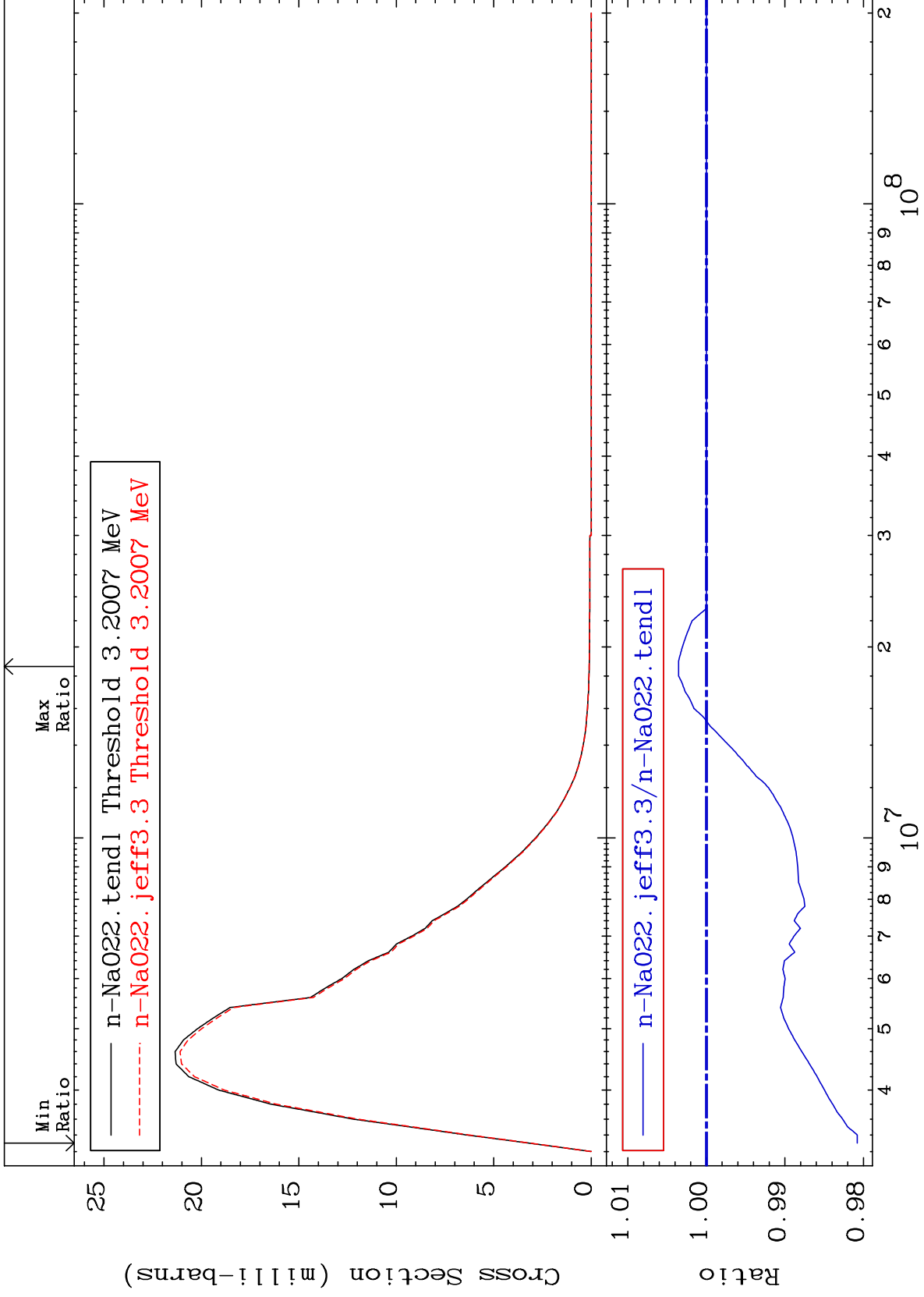
Incident Energy (eV)

11-Na-22

MAT 1122

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

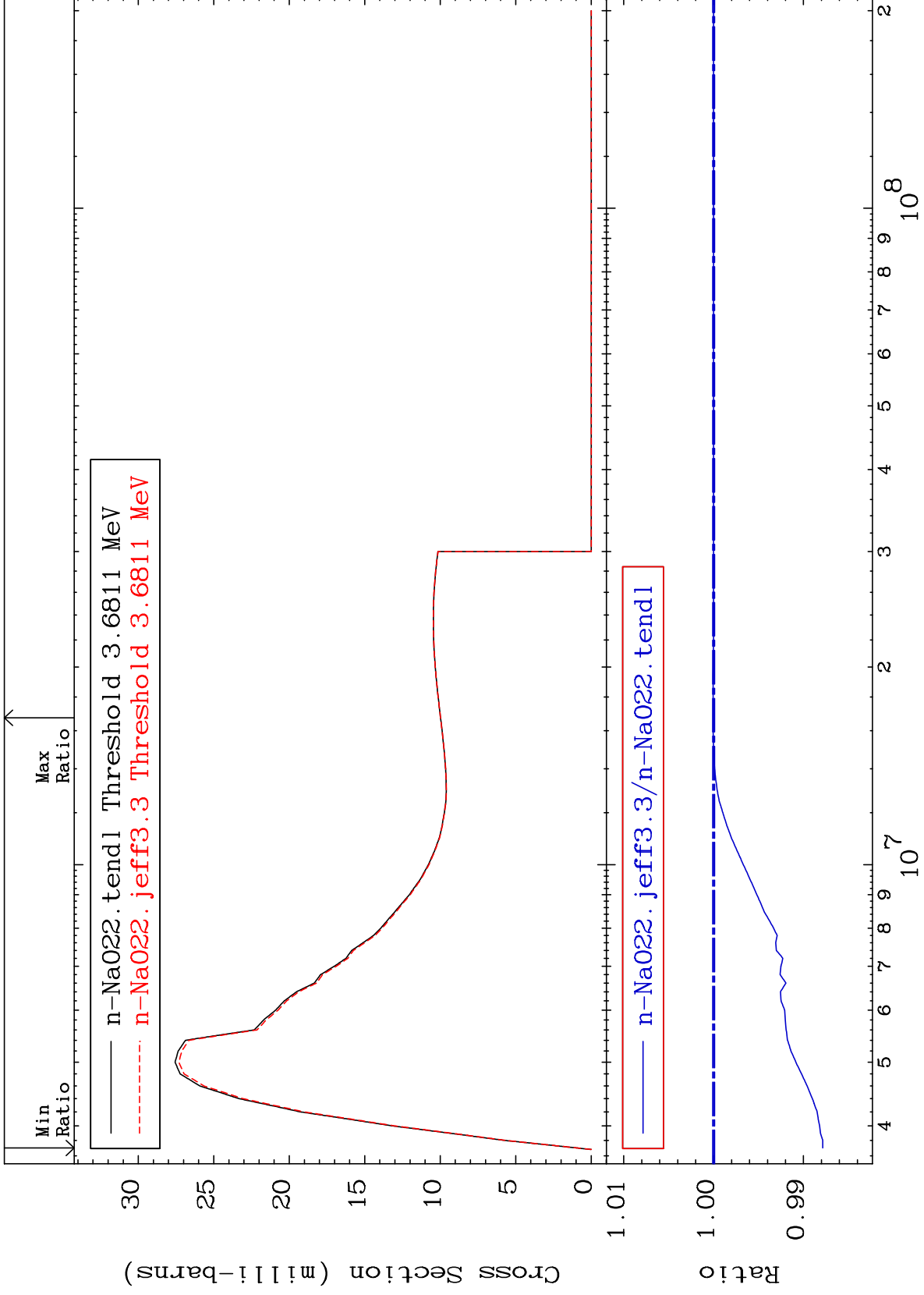
11-Na-22  
-1.921 To 0.354 %



MAT 1122

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

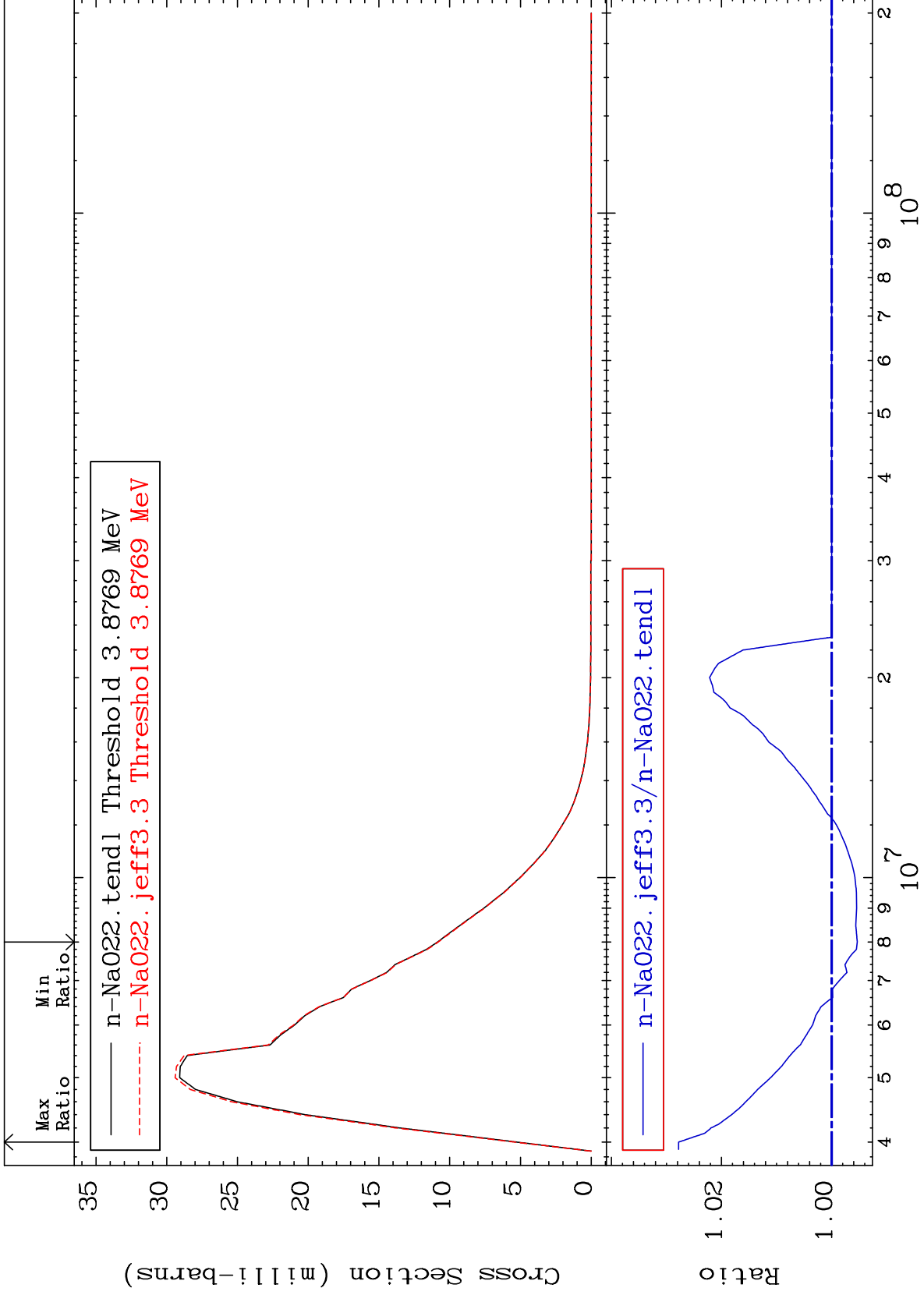
11-Na-22  
-1.215 To 0.006 %



MAT 1122

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

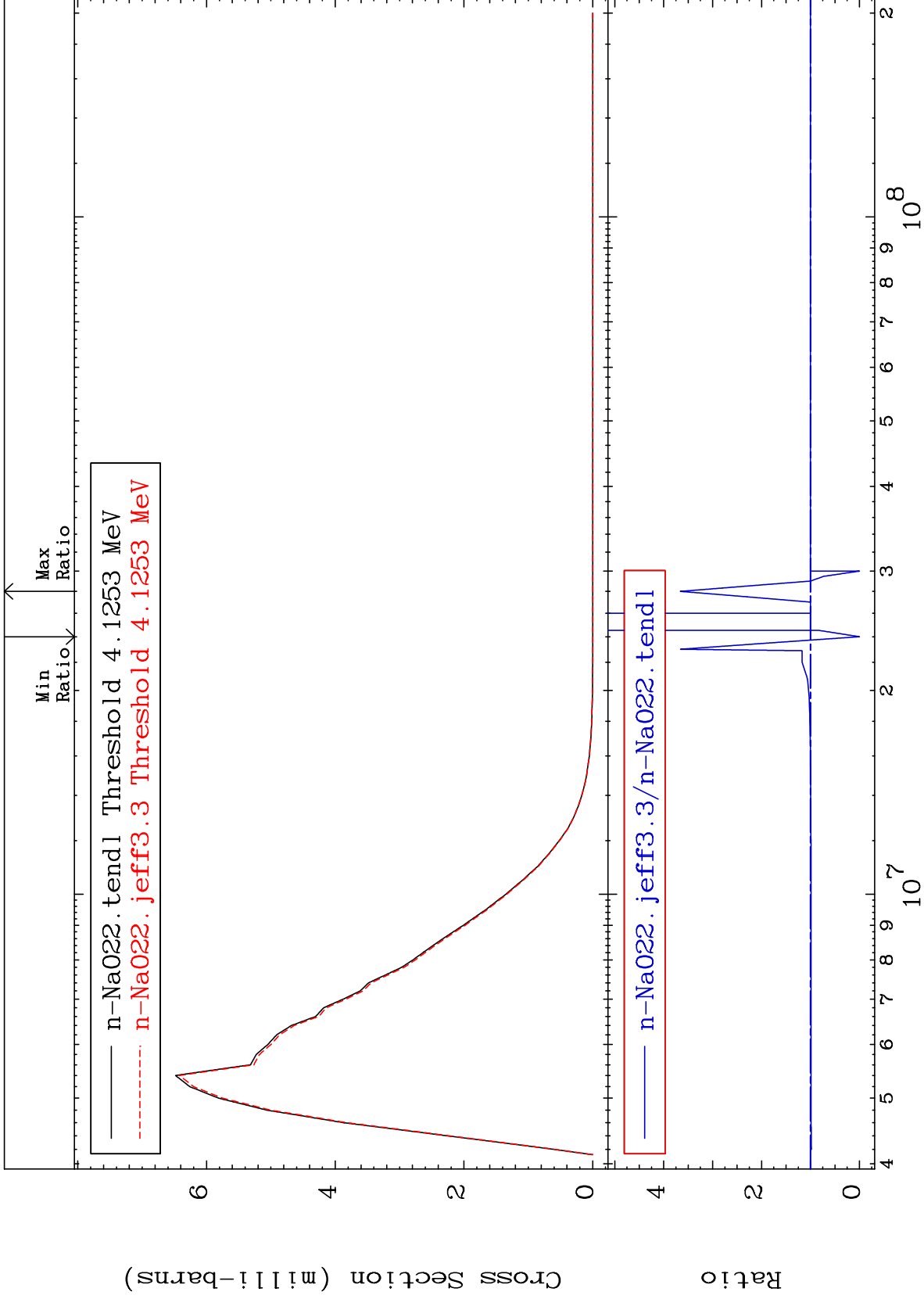
11-Na-22  
-0.465 To 2.779 %



MAT 1122

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

11-Na-22  
-100.0 To 266.0 %



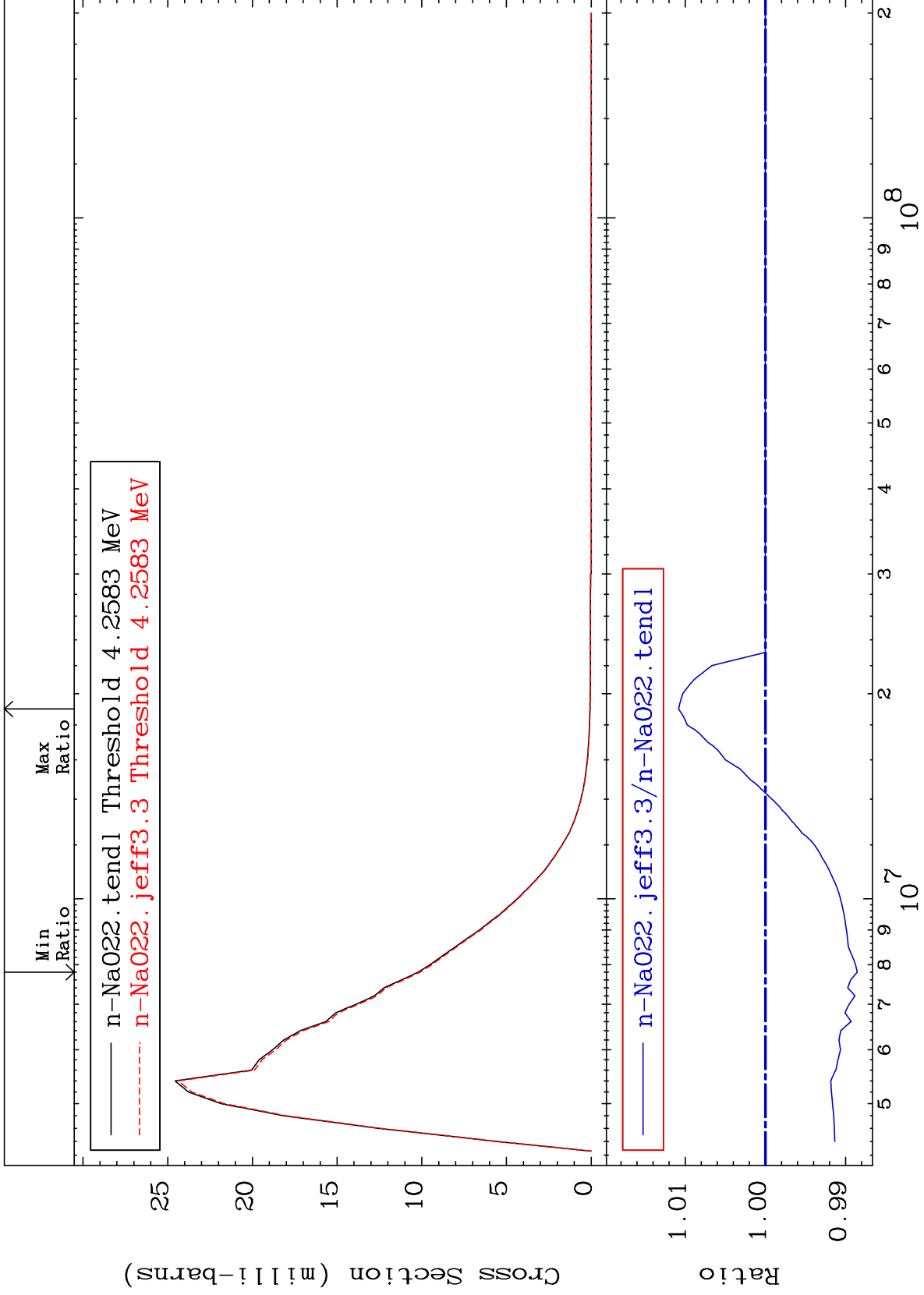
30

11-Na-22

MAT 1122

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

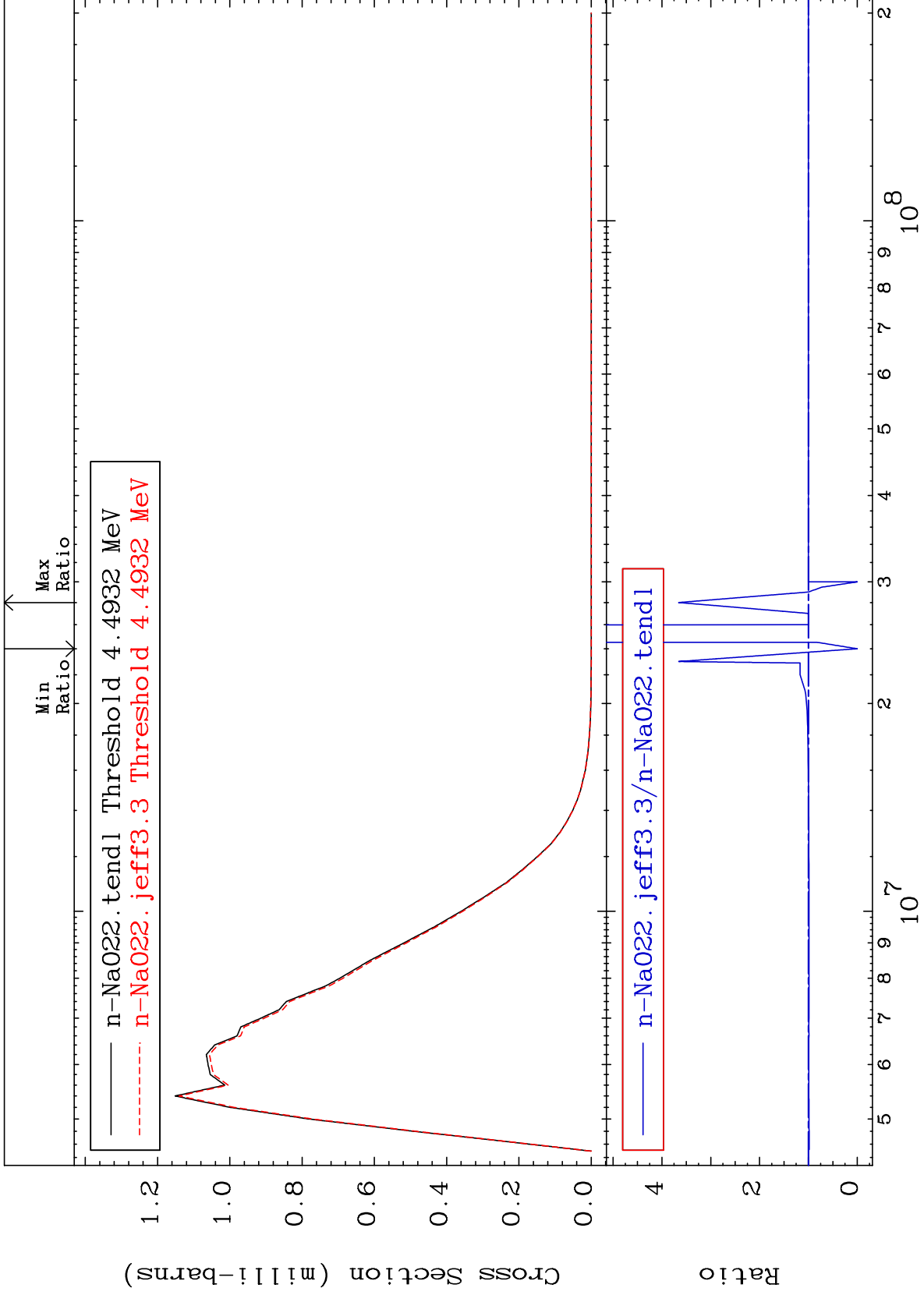
11-Na-22  
-1.144 To 1.081 %



MAT 1122

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

11-Na-22  
-100.0 To 265.7 %

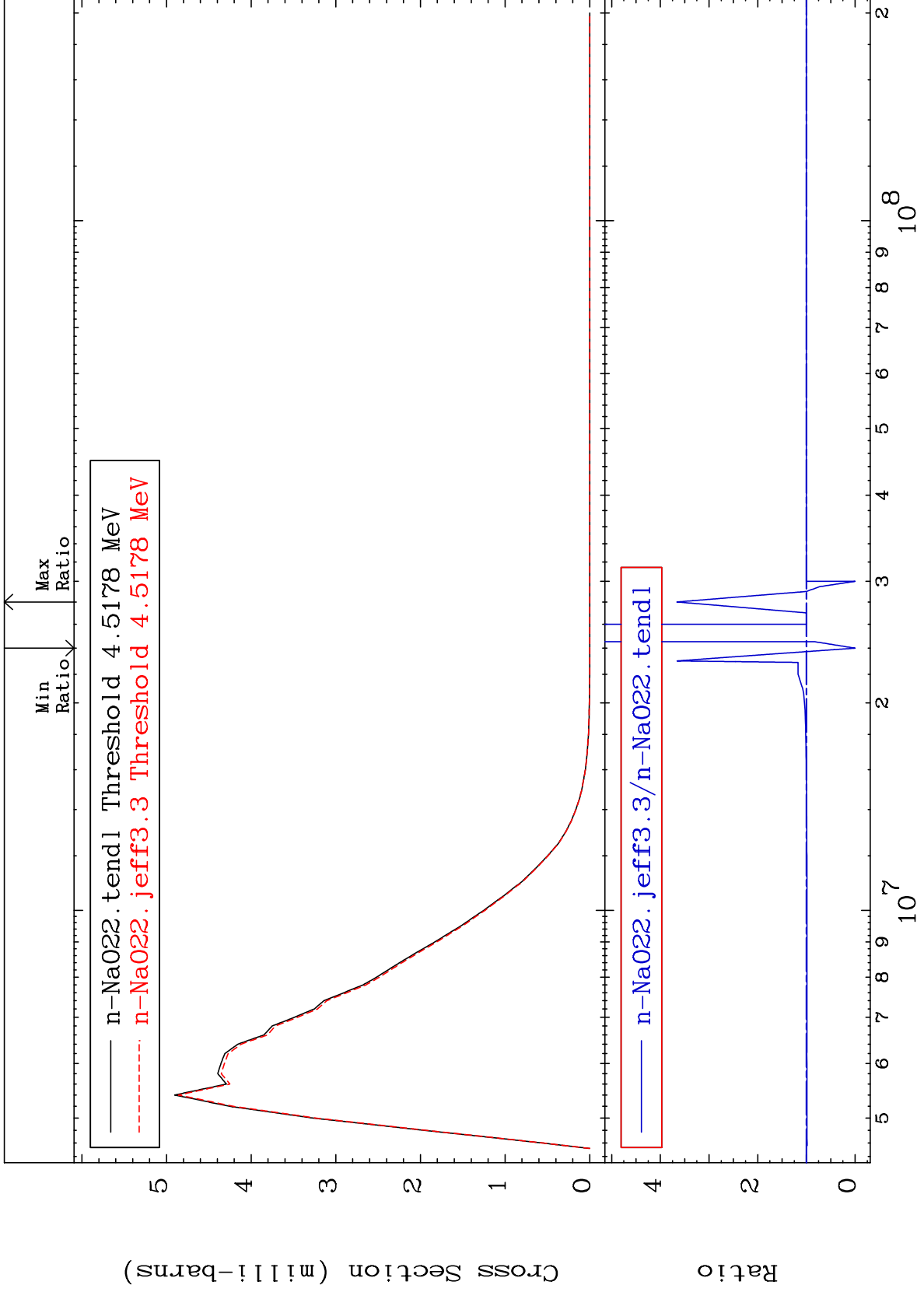




MAT 1122

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

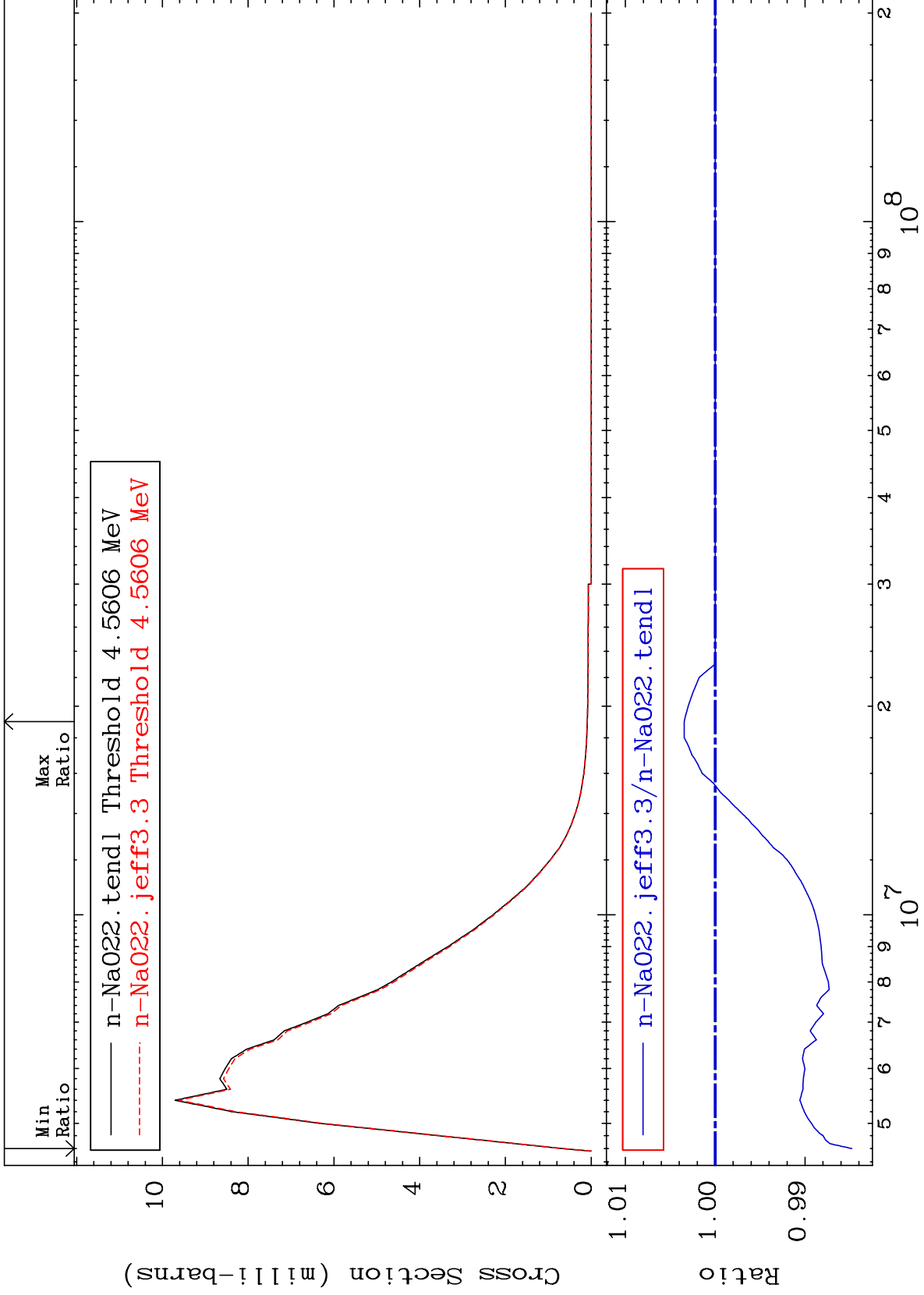
11-Na-22  
-100.0 To 266.0 %



MAT 1122

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

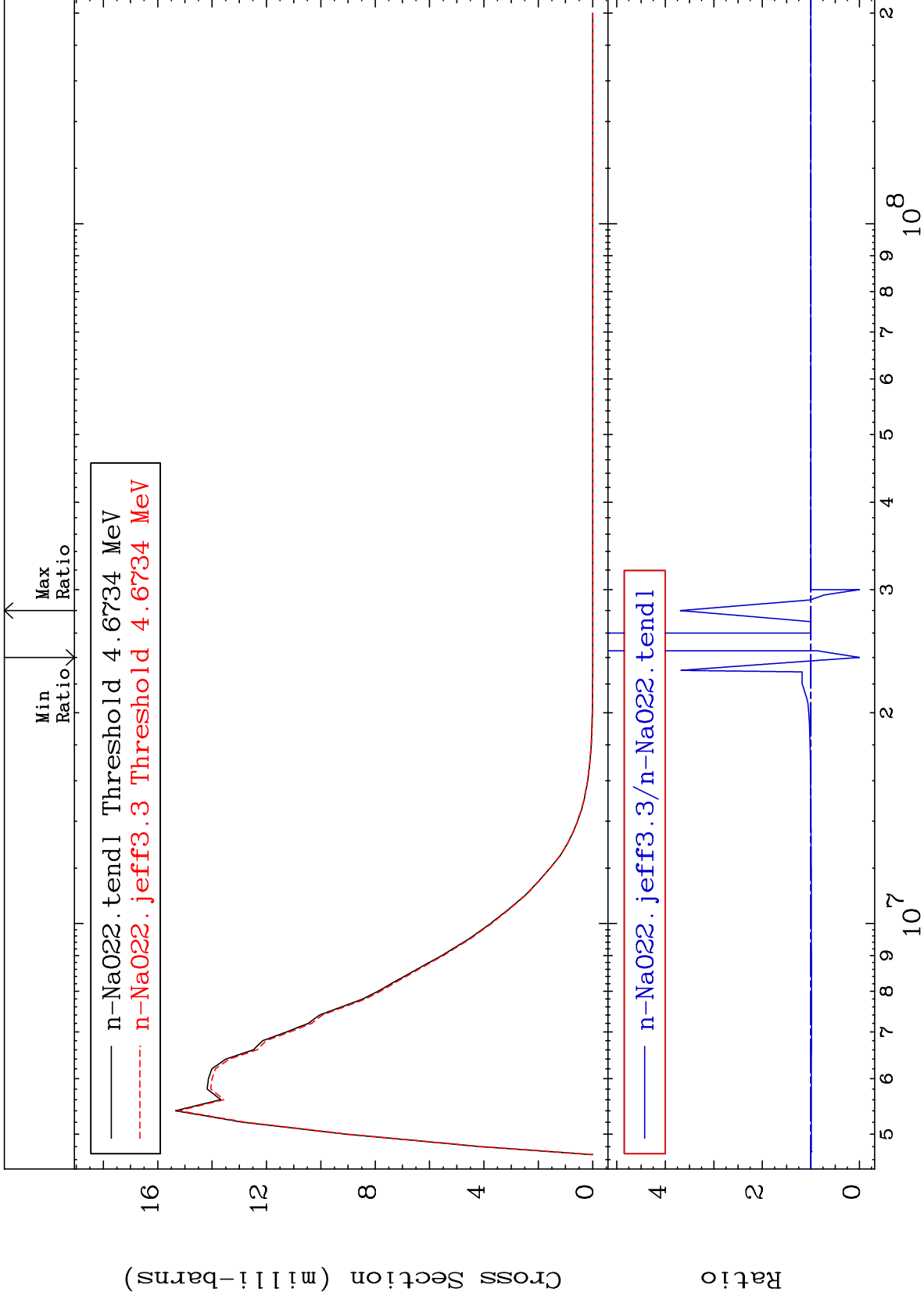
11-Na-22  
-1.520 To 0.346 %



MAT 1122

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

11-Na-22  
-100.0 To 268.9 %



35

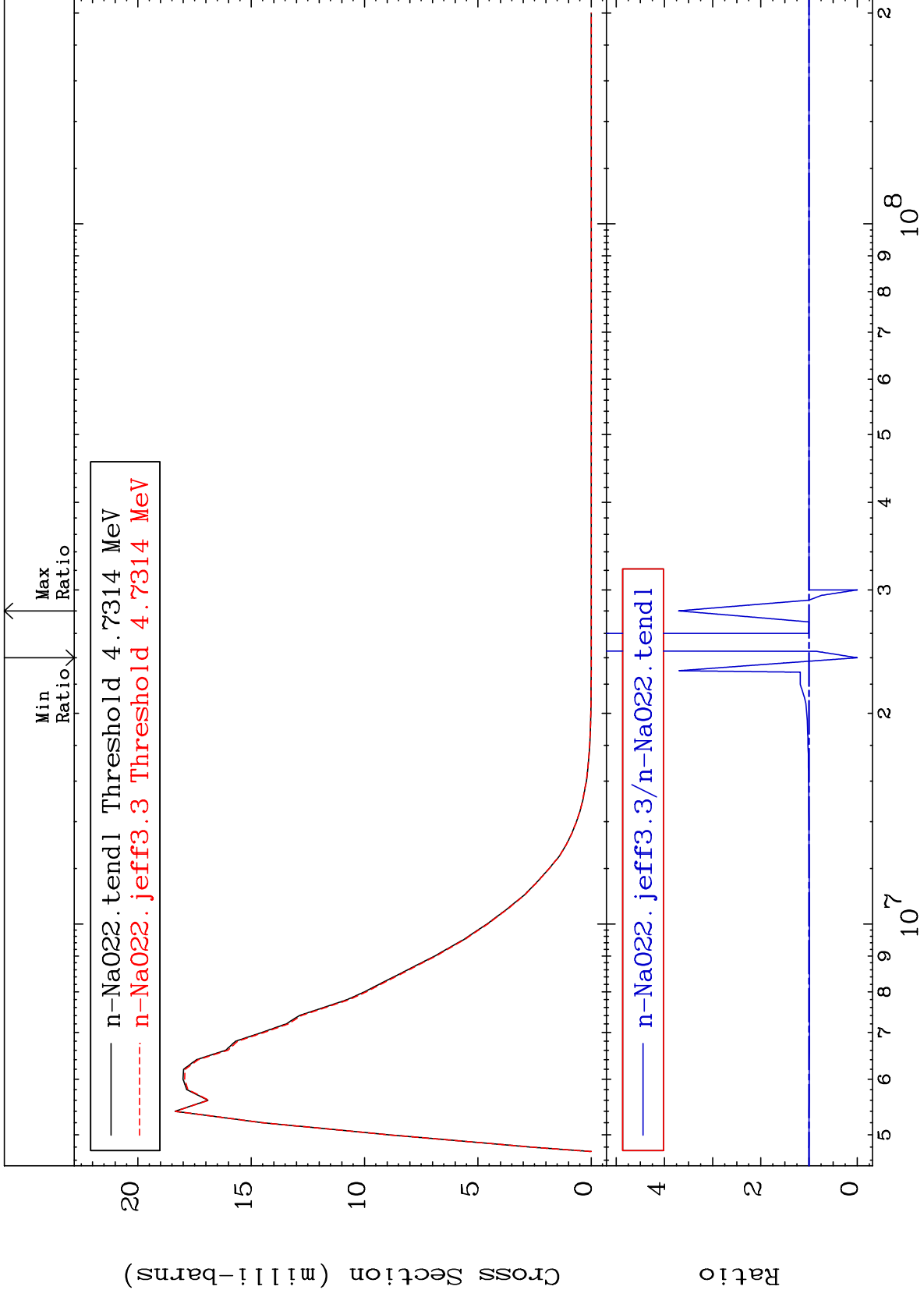
Incident Energy (eV)

11-Na-22

MAT 1122

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

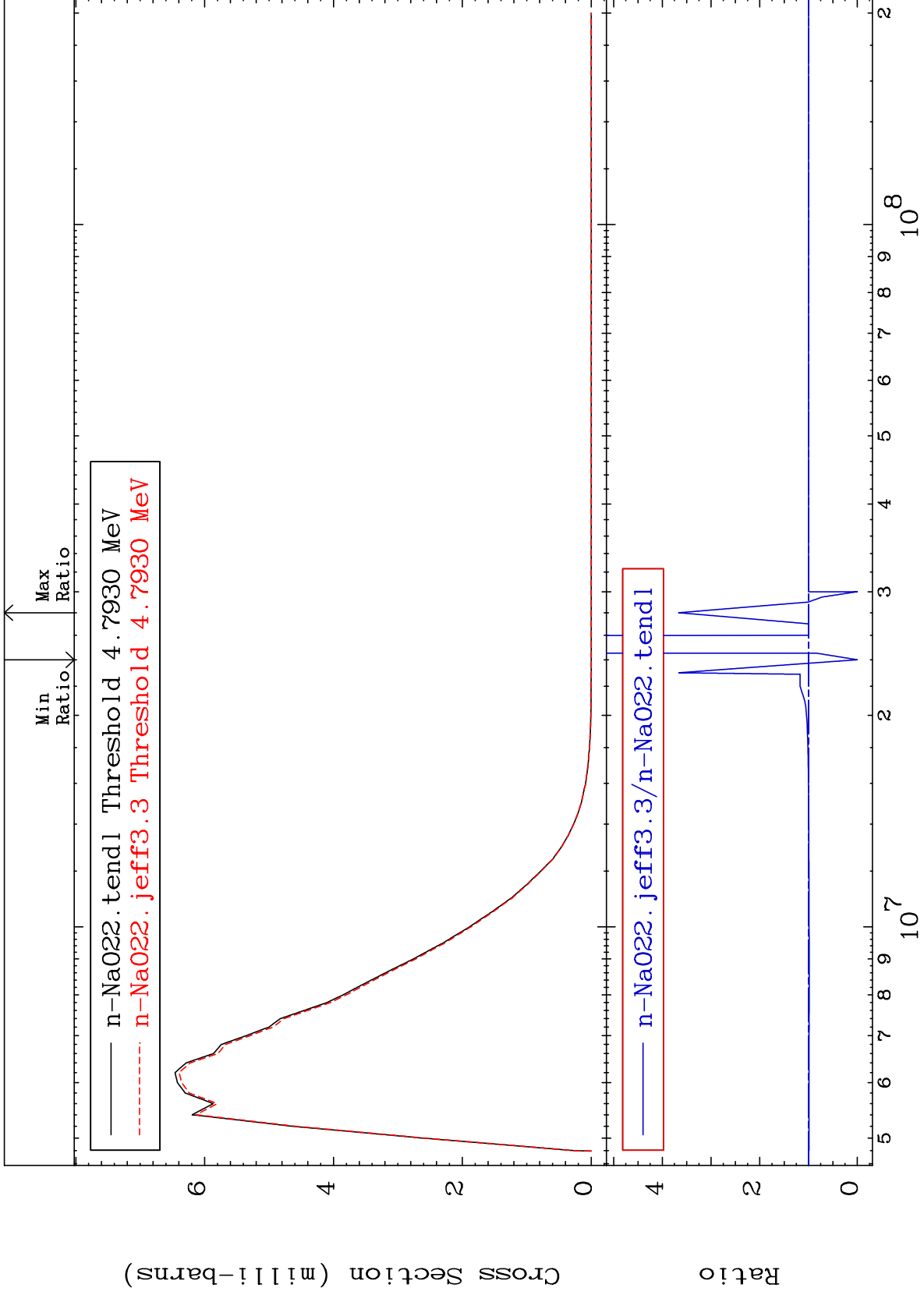
11-Na-22  
-100.0 To 270.5 %



MAT 1122

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

11-Na-22  
-100.0 To 266.5 %



37

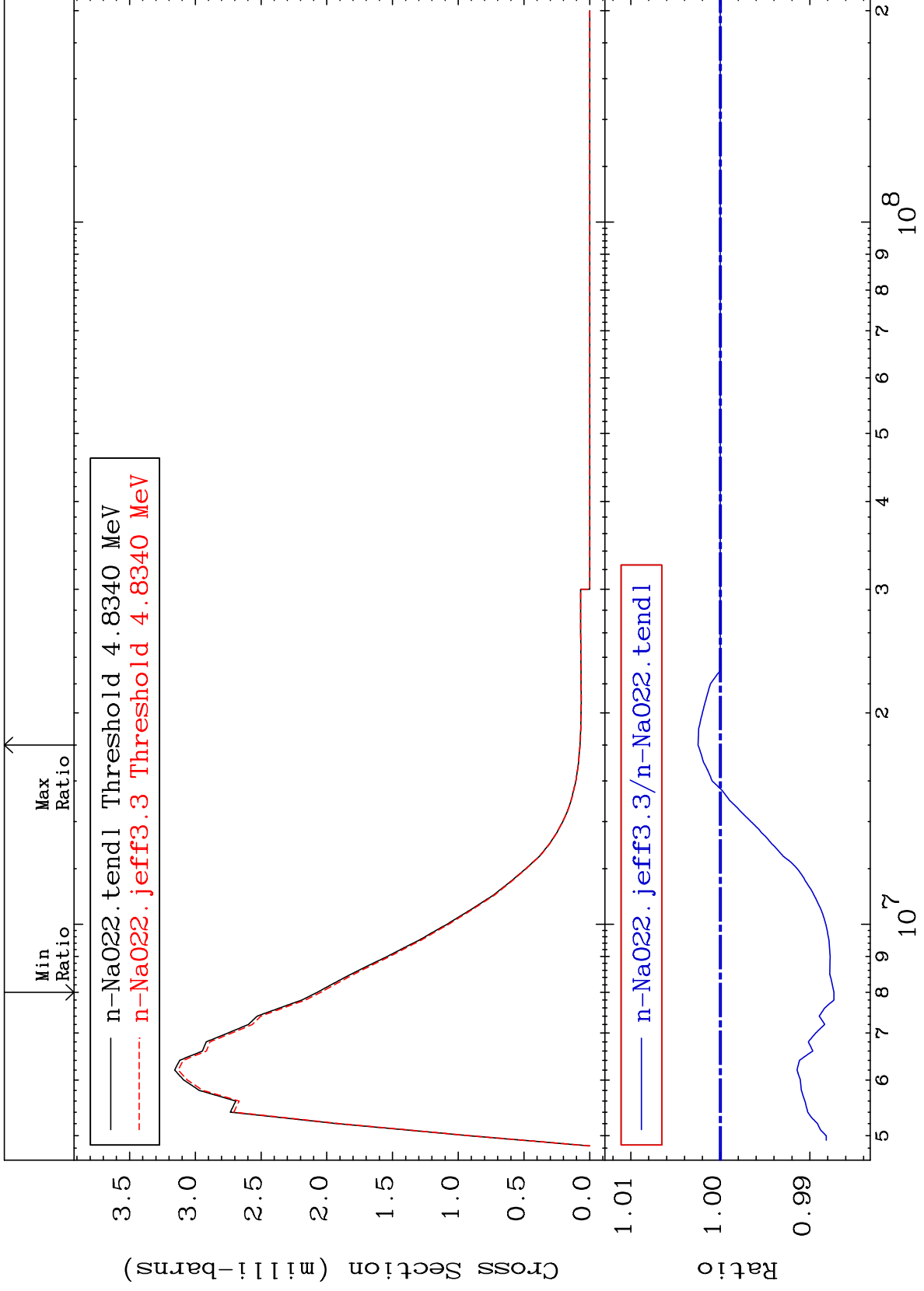
Incident Energy (eV)

11-Na-22

MAT 1122

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

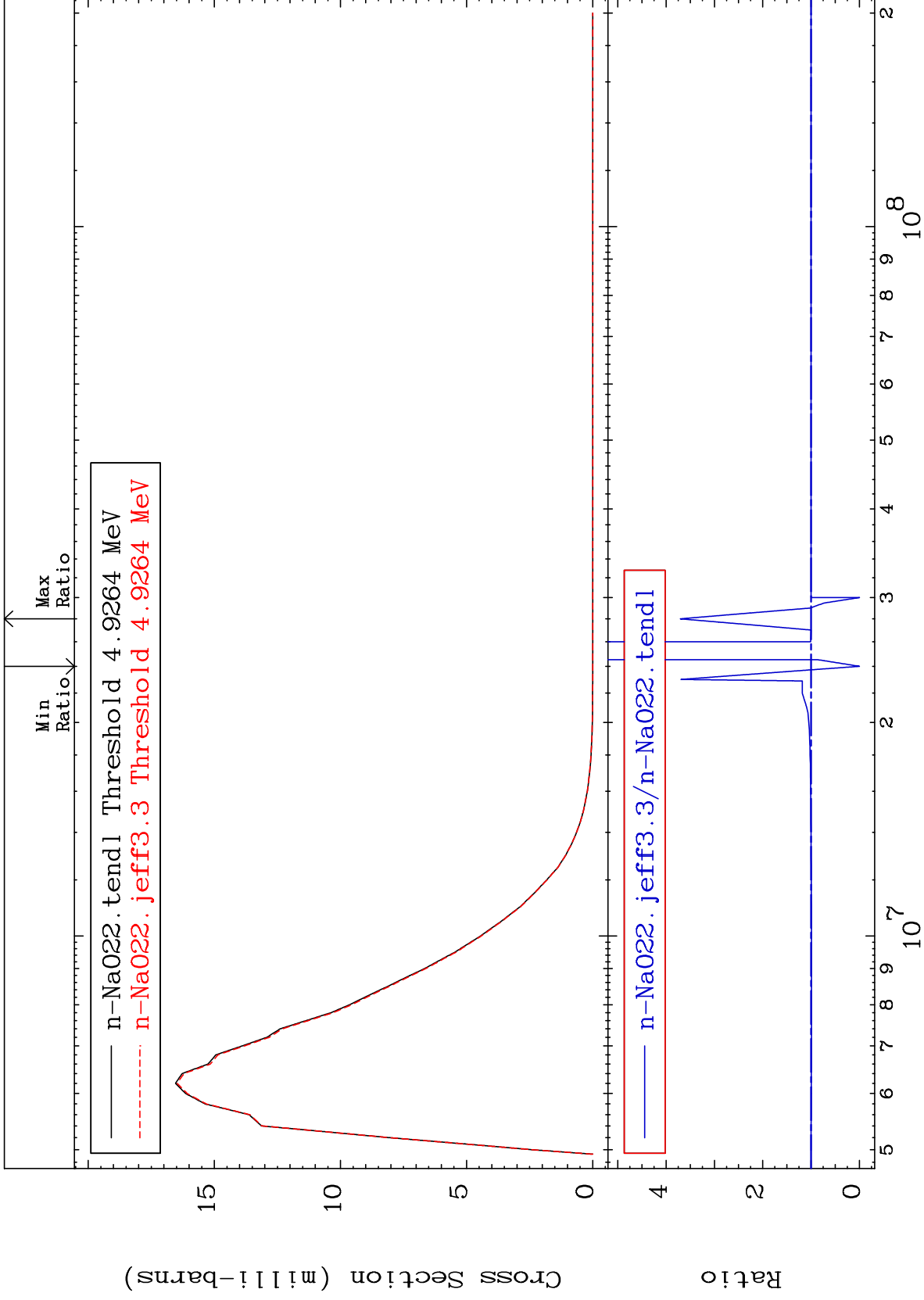
11-Na-22  
-1.269 To 0.249 %



MAT 1122

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

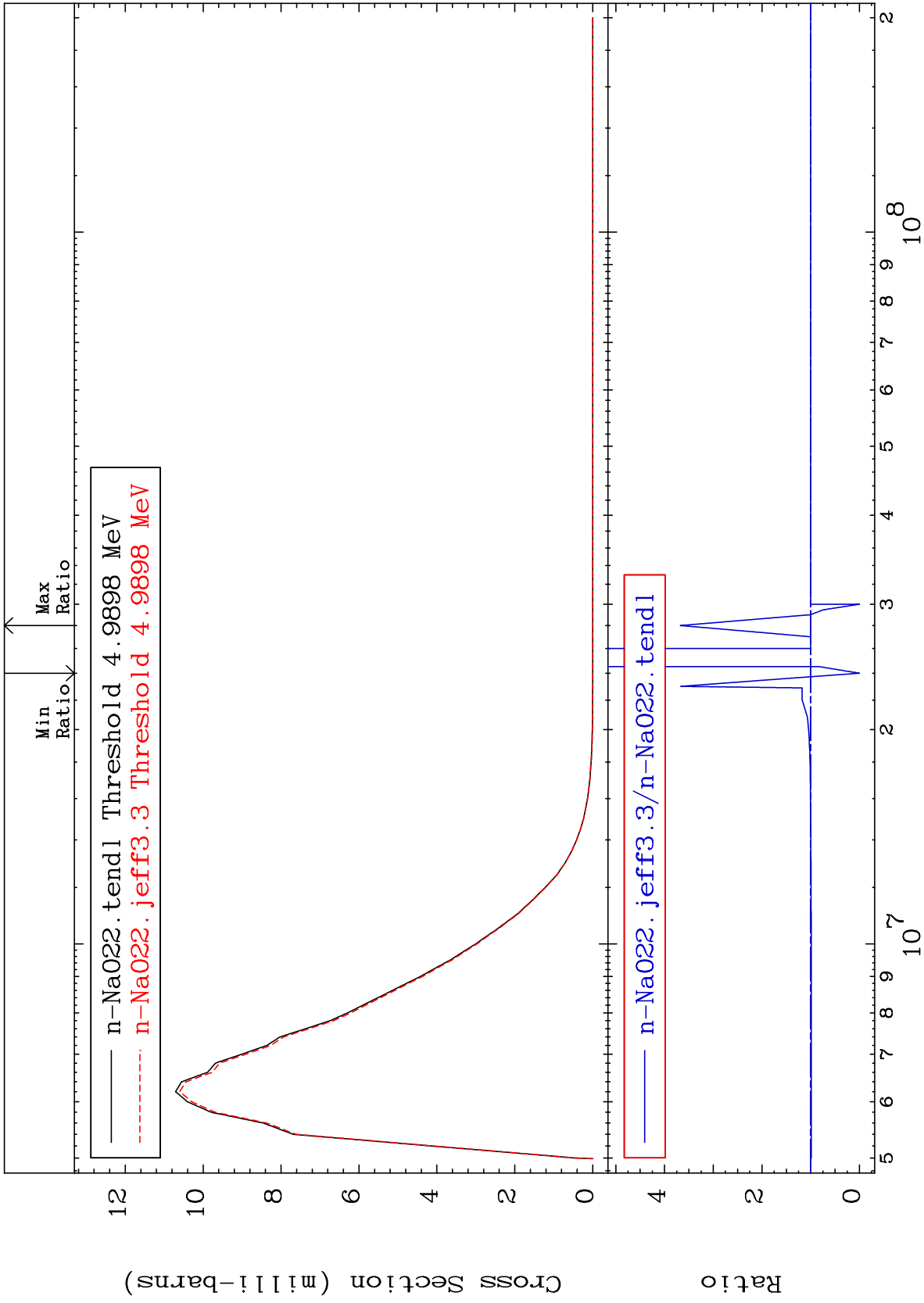
11-Na-22  
-100.0 To 270.5 %



MAT 1122

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

11-Na-22  
-100.0 To 267.5 %



40

Incident Energy (eV)

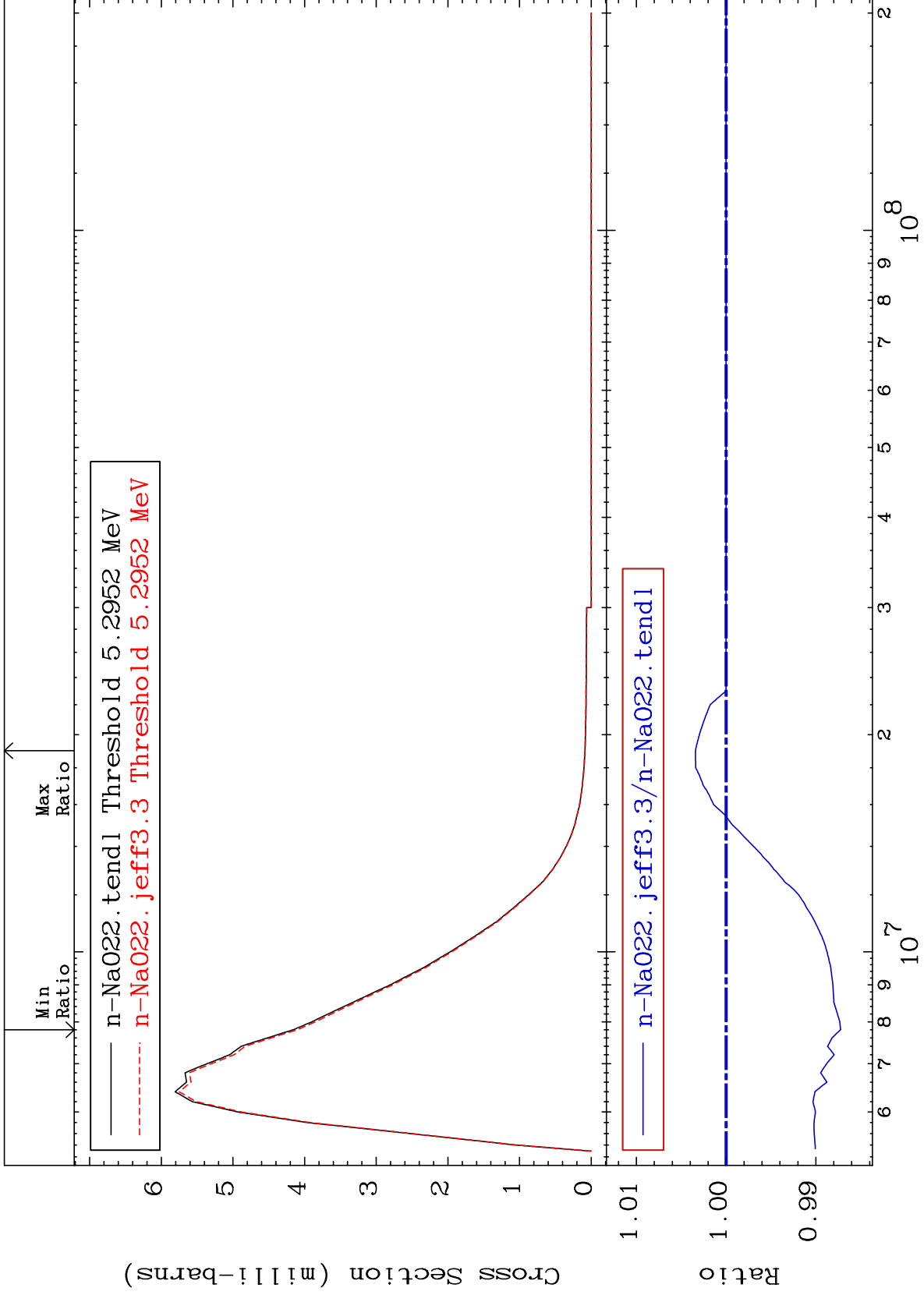
11-Na-22



MAT 1122

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

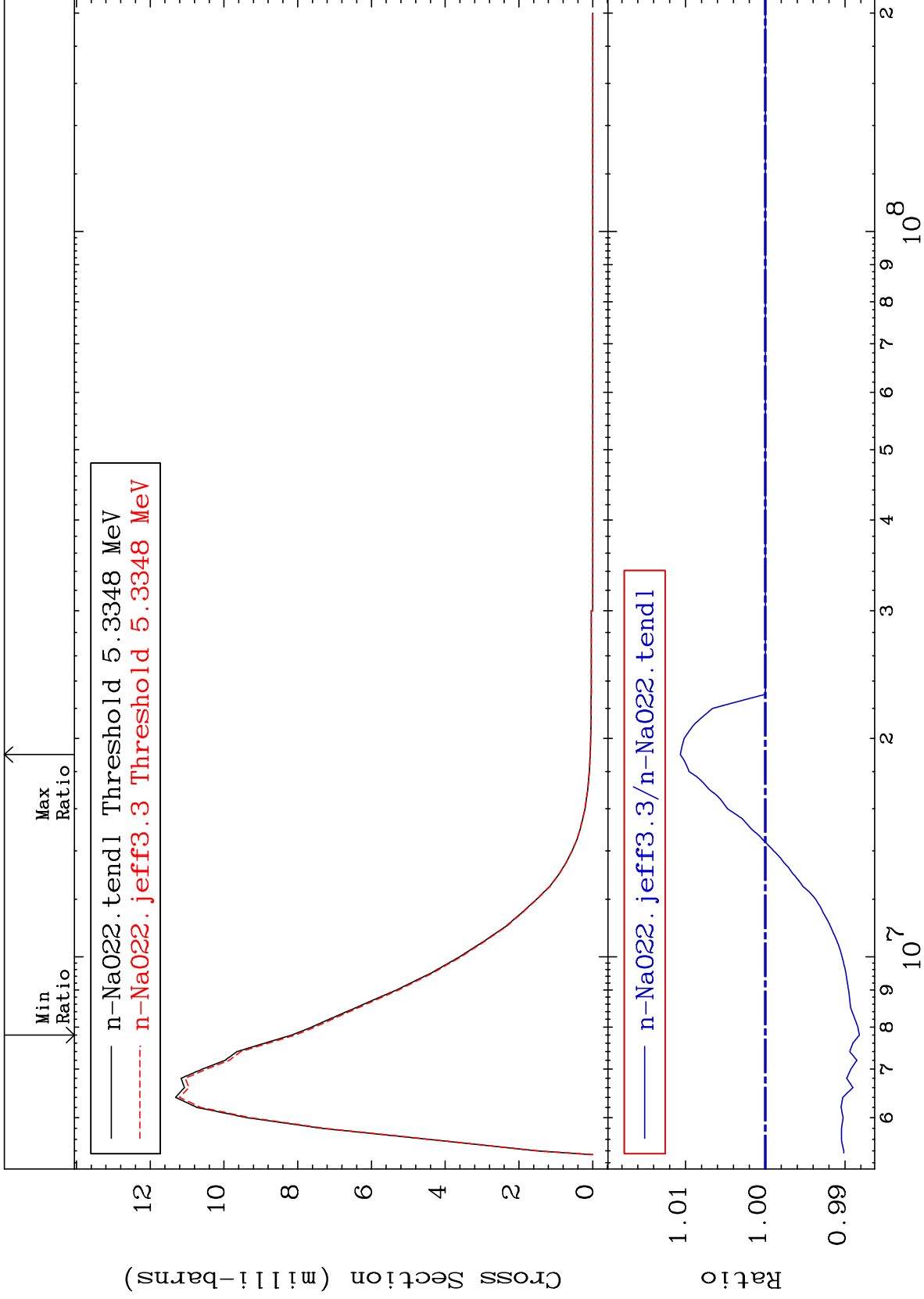
11-Na-22  
-1.275 To 0.343 %



MAT 1122

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

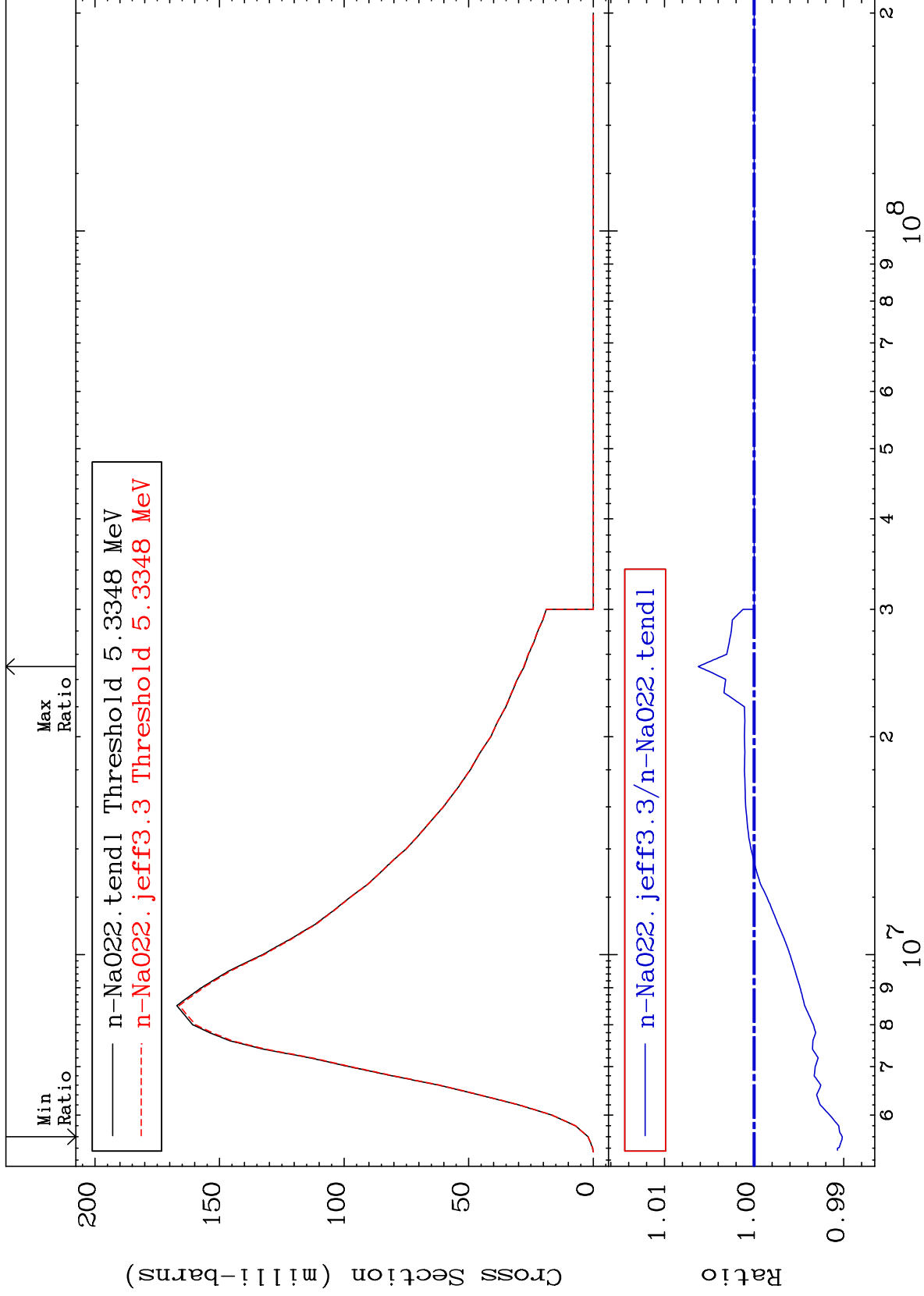
11-Na-22  
-1.181 To 1.066 %



MAT 1122

(n, n') Continuum  
Cross Section

11-Na-22  
-0.984 To 0.625 %



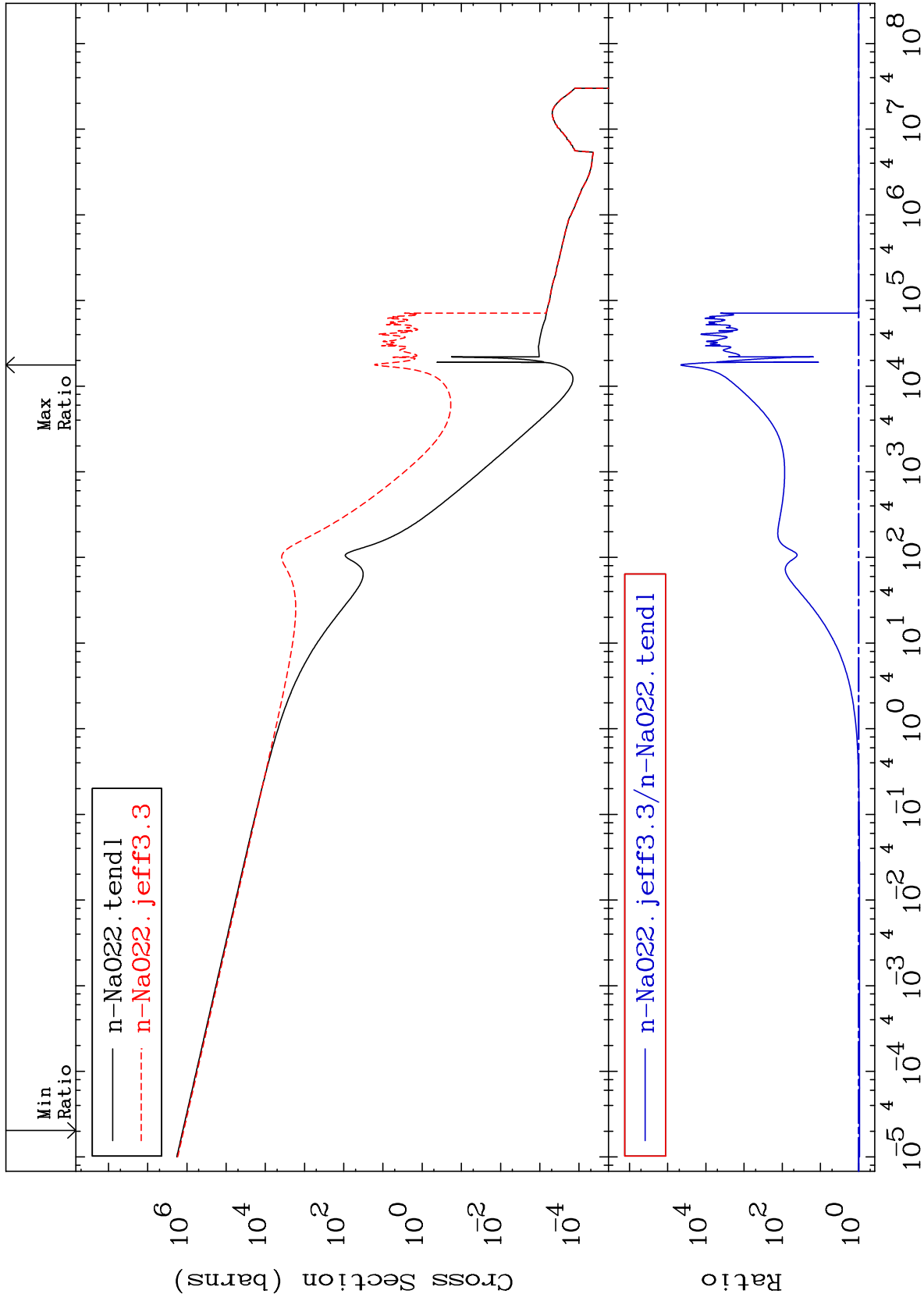
MAT 1122

(n,  $\gamma$ )

11-Na-22

Cross Section

-5.208 To 9999. %



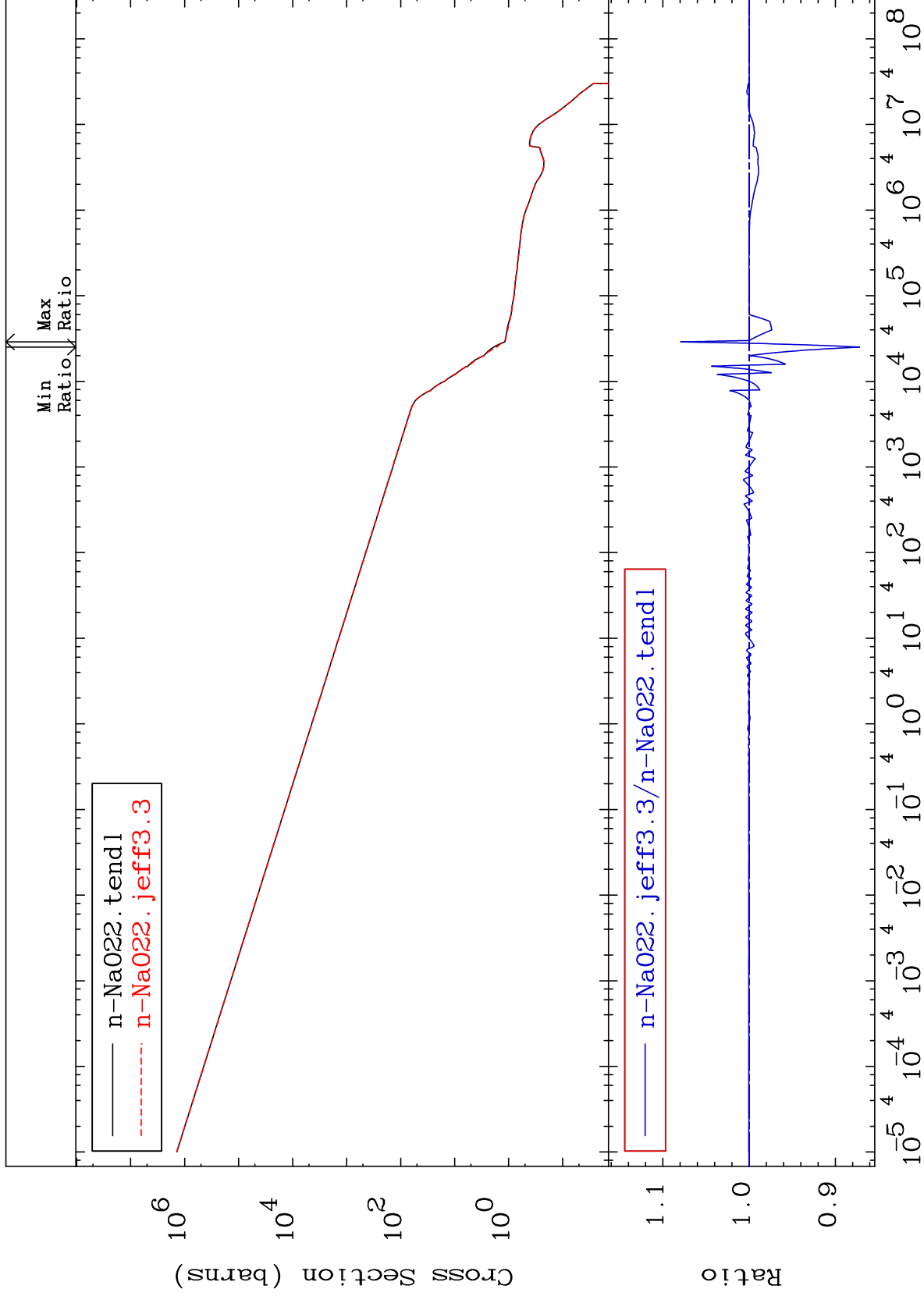
MAT 1122

(n,p)

11-Na-22

Cross Section

-12.81 To 7.926 %



45

Incident Energy (eV)

11-Na-22

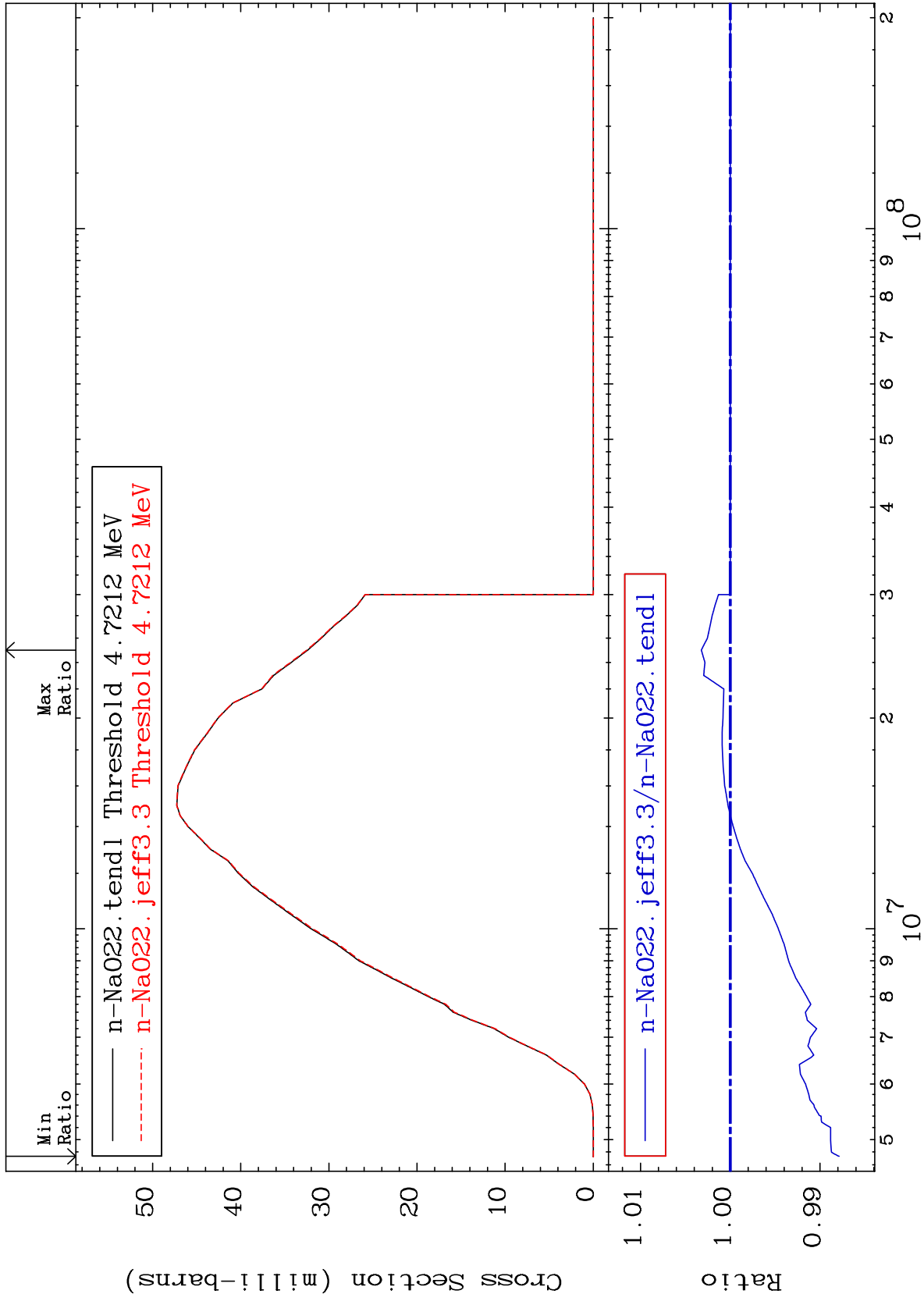
MAT 1122

(n, d)

11-Na-22

Cross Section

-1.212 To 0.323 %



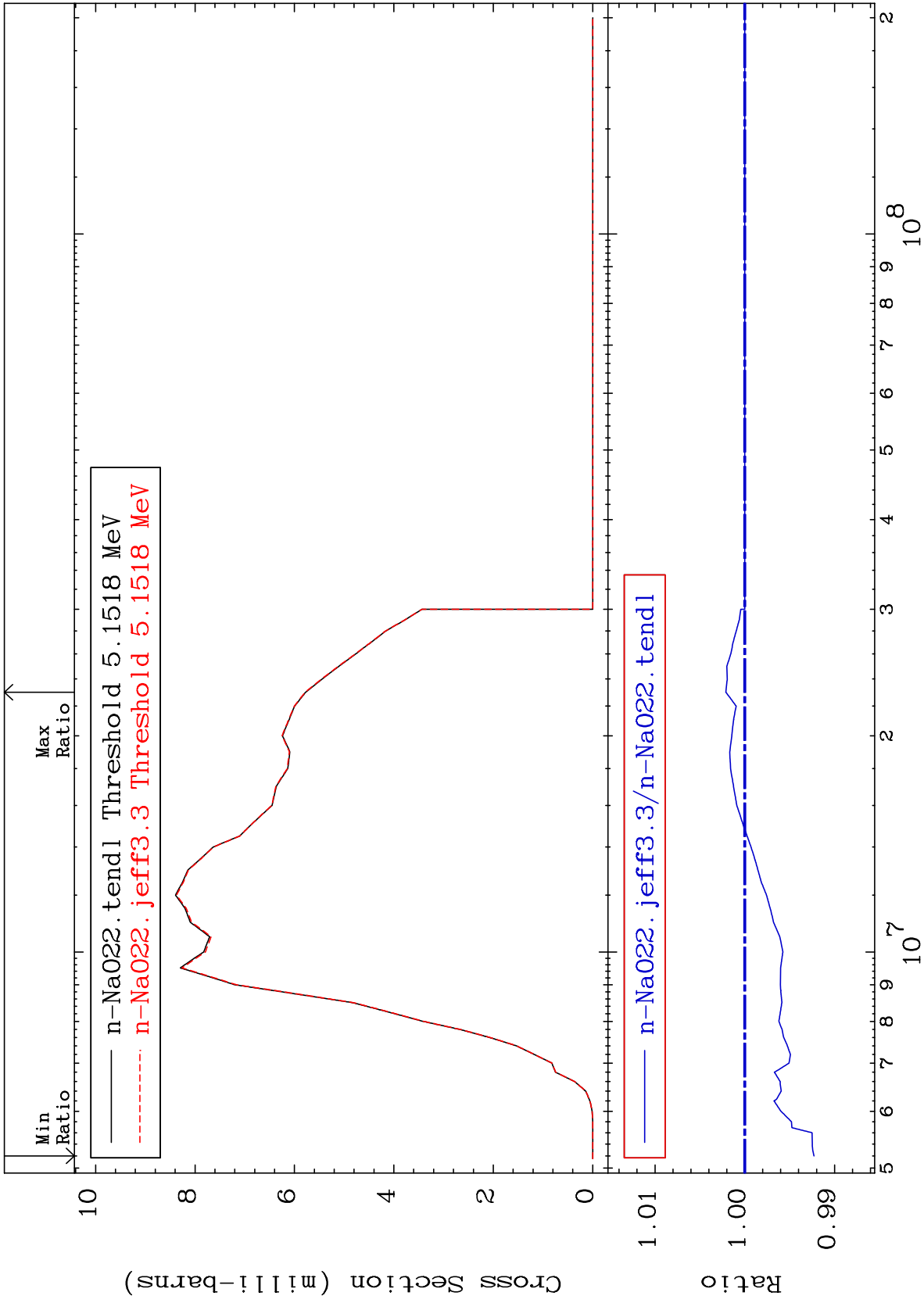
46

Incident Energy (eV)

11-Na-22

MAT 1122

(n, t) Cross Section  
11-Na-22  
-0.771 To 0.211 %



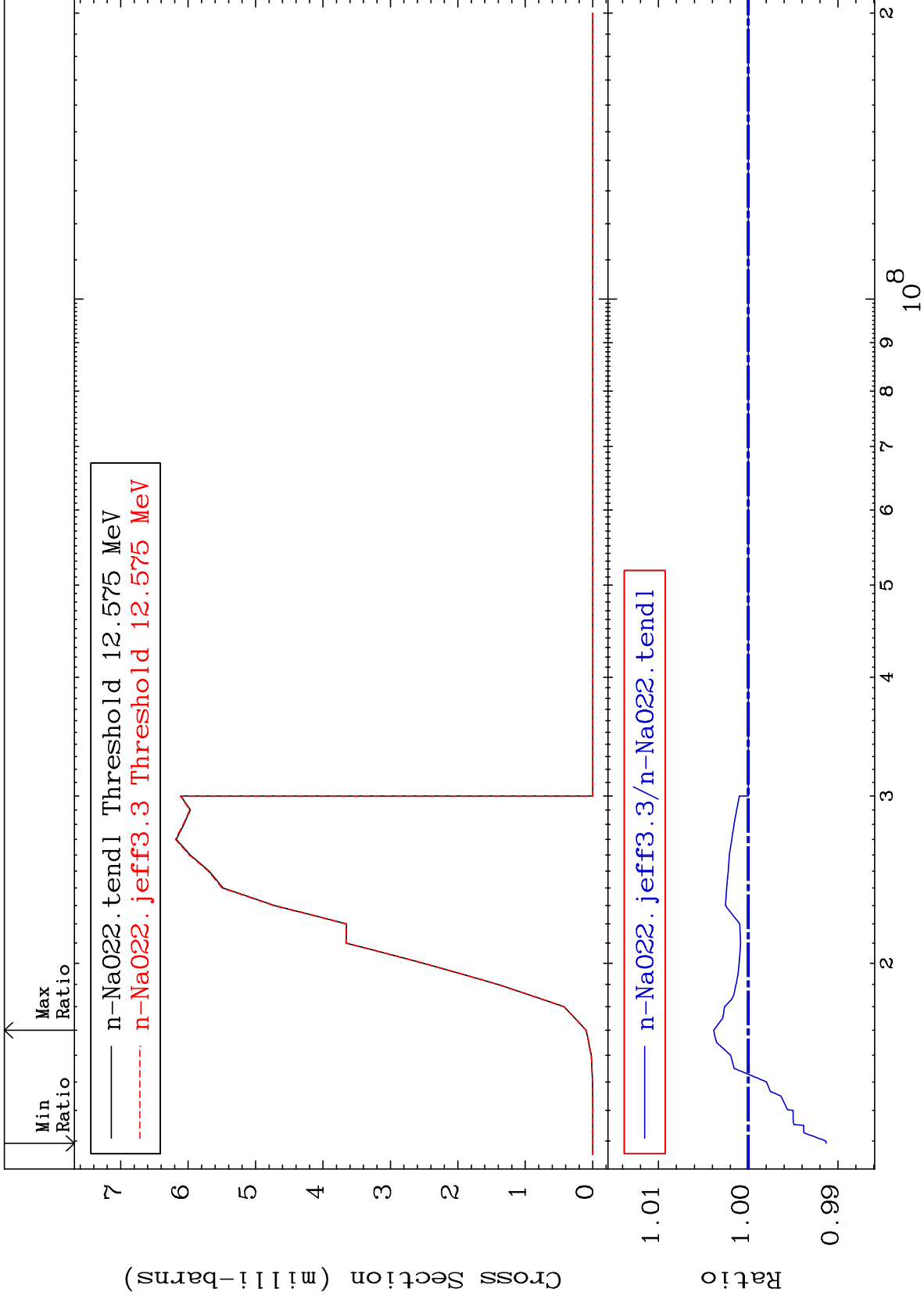
MAT 1122

(n, He-3)

11-Na-22

Cross Section

-0.867 To 0.385 %





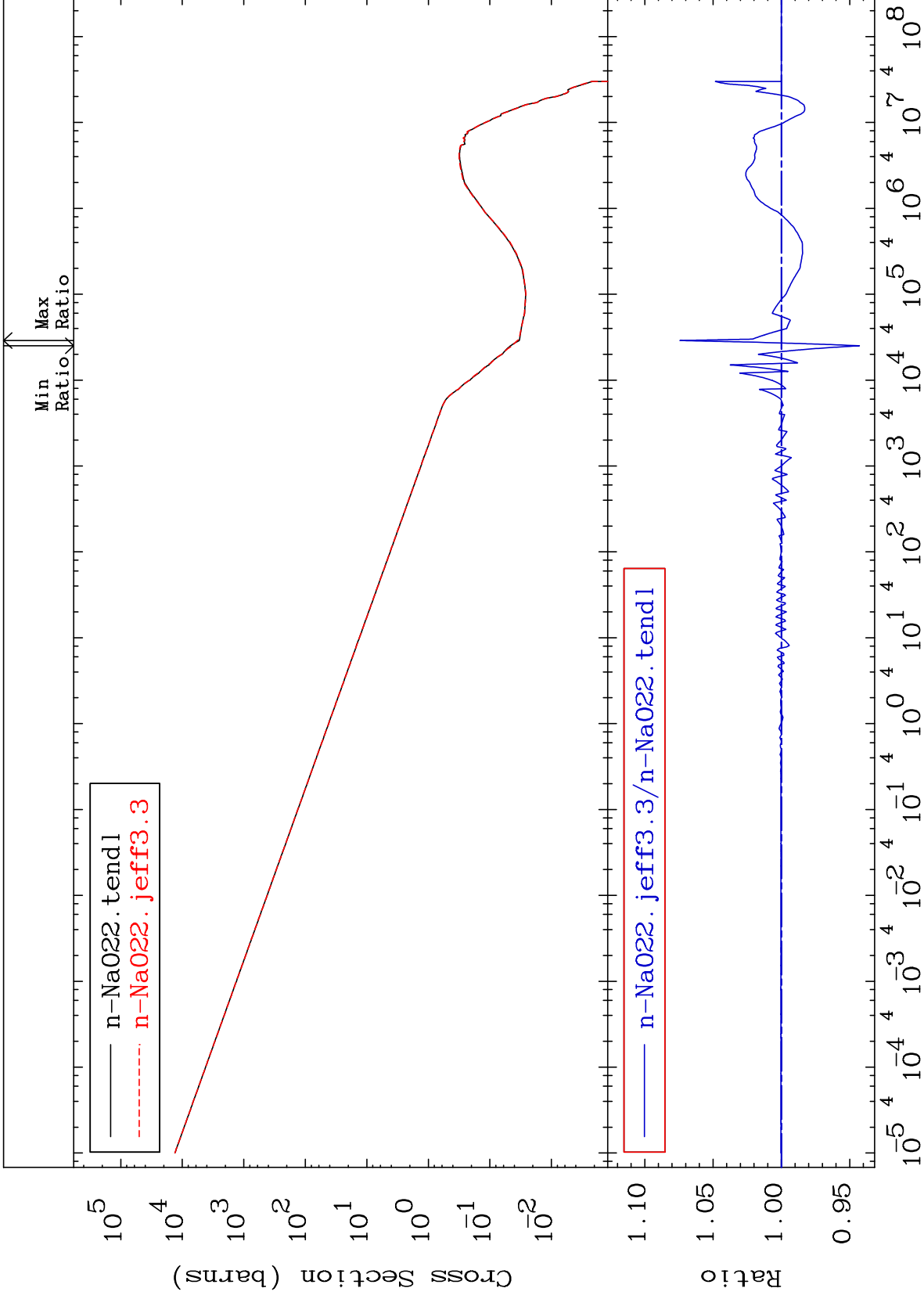
MAT 1122

(n,  $\alpha$ )

11-Na-22

Cross Section

-5.710 To 7.408 %



49

Incident Energy (eV)

11-Na-22

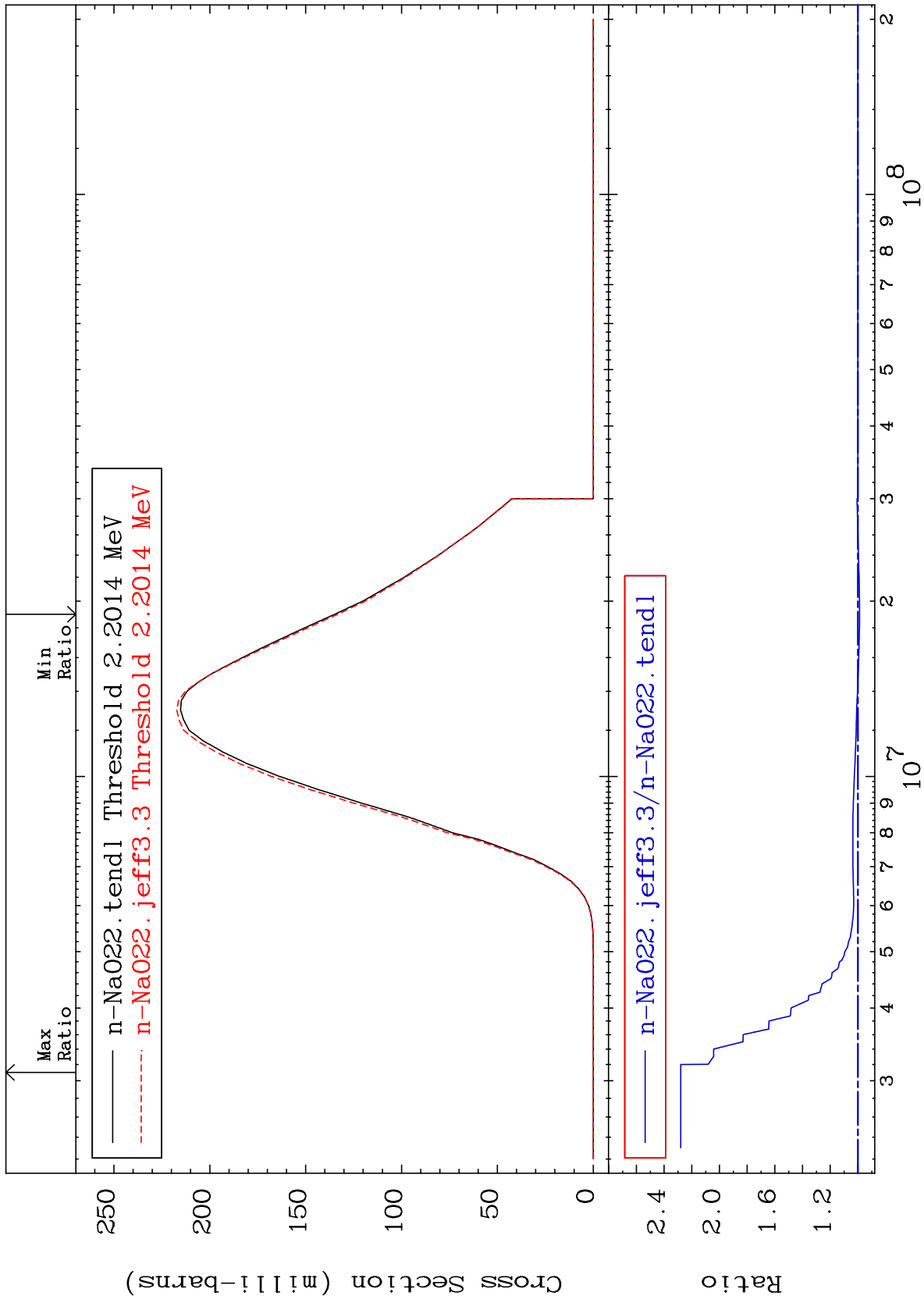
MAT 1122

(n, 2α)

11-Na-22

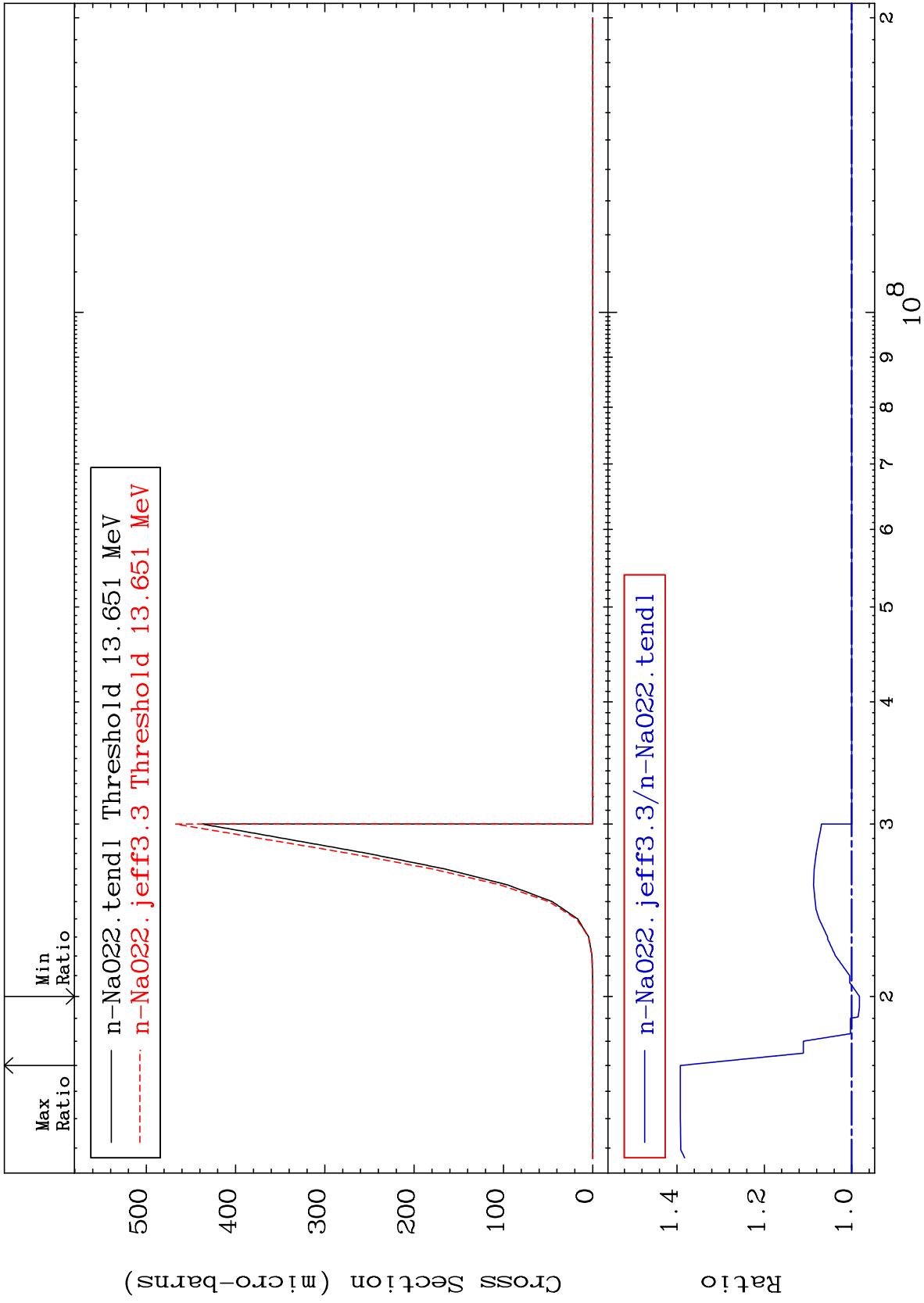
Cross Section

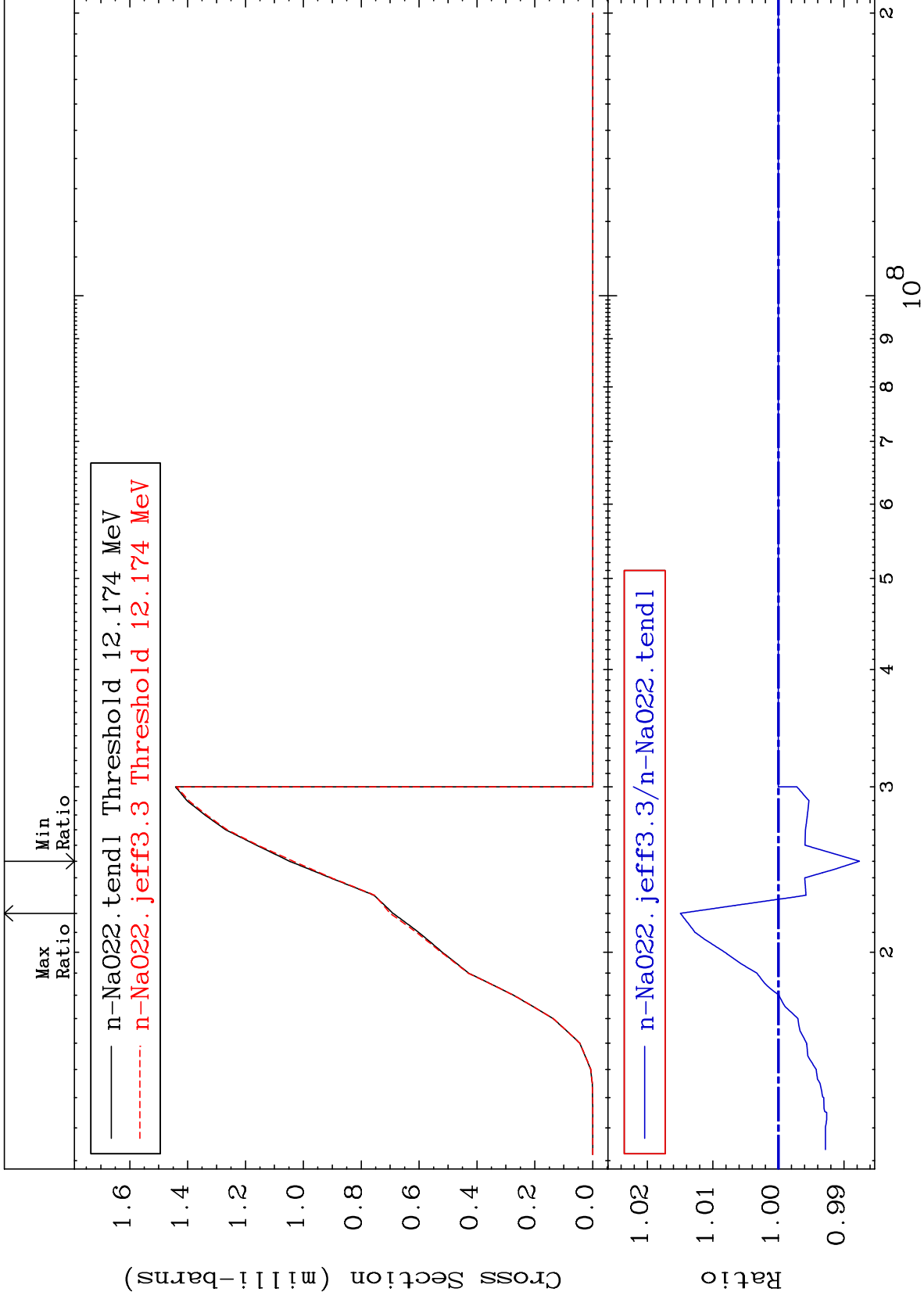
-1.136 To 128.0 %



Cross Section

-1.781 To 39.20 %

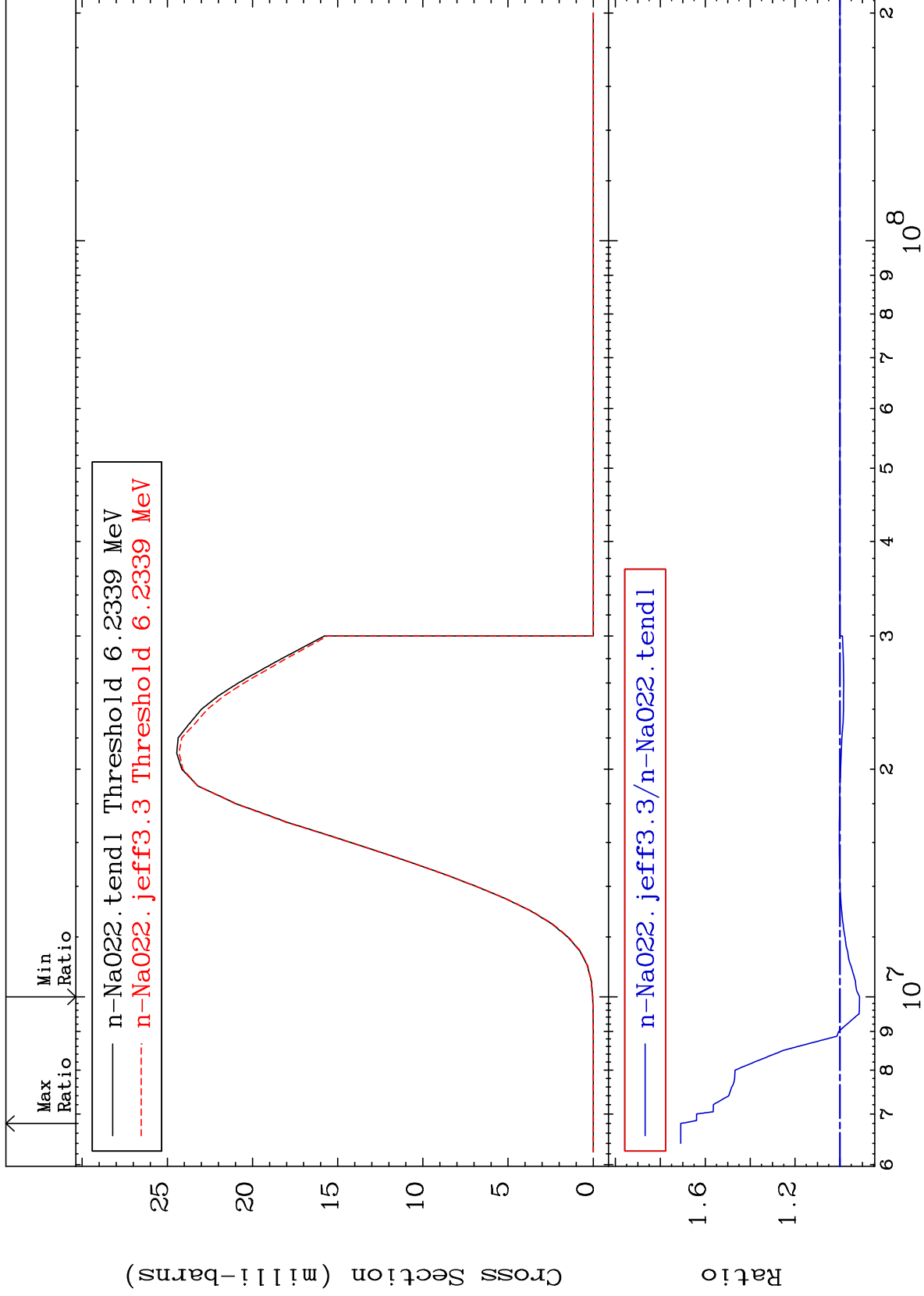




MAT 1122

(n,p)  $\alpha$   
Cross Section

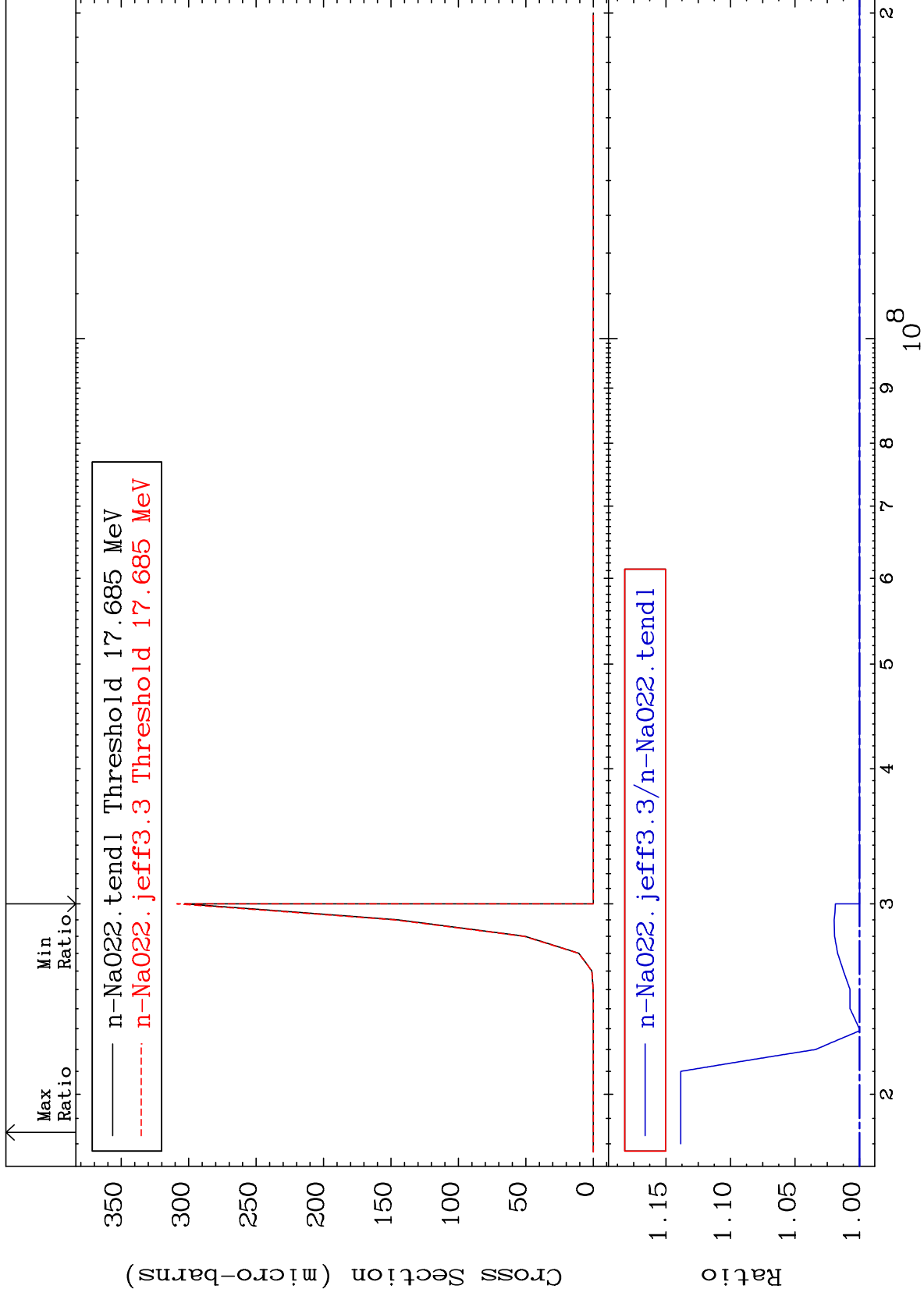
11-Na-22  
-8.708 To 70.91 %



MAT 1122

(n, t)  $2\alpha$   
Cross Section

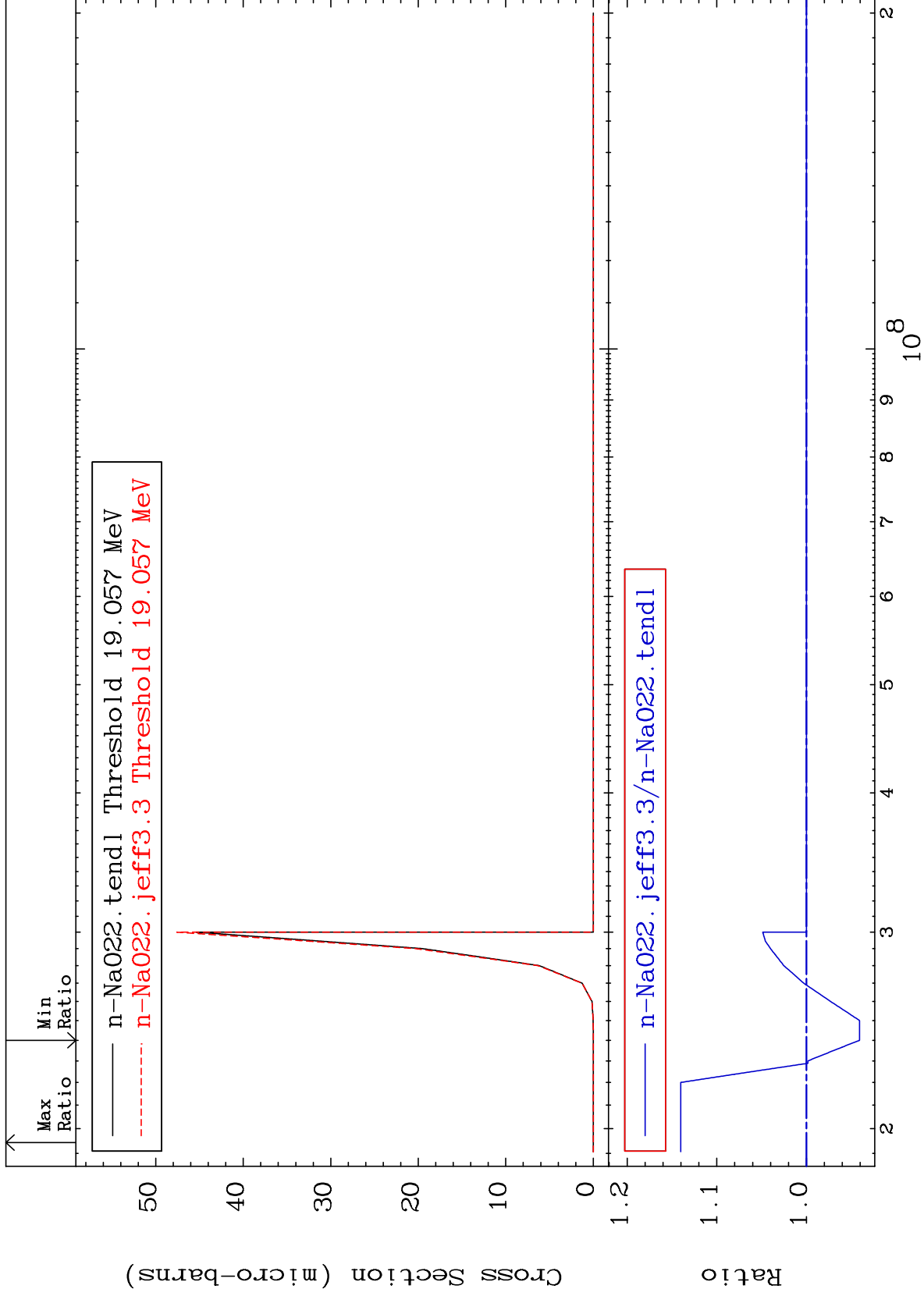
11-Na-22  
To 13.85 %

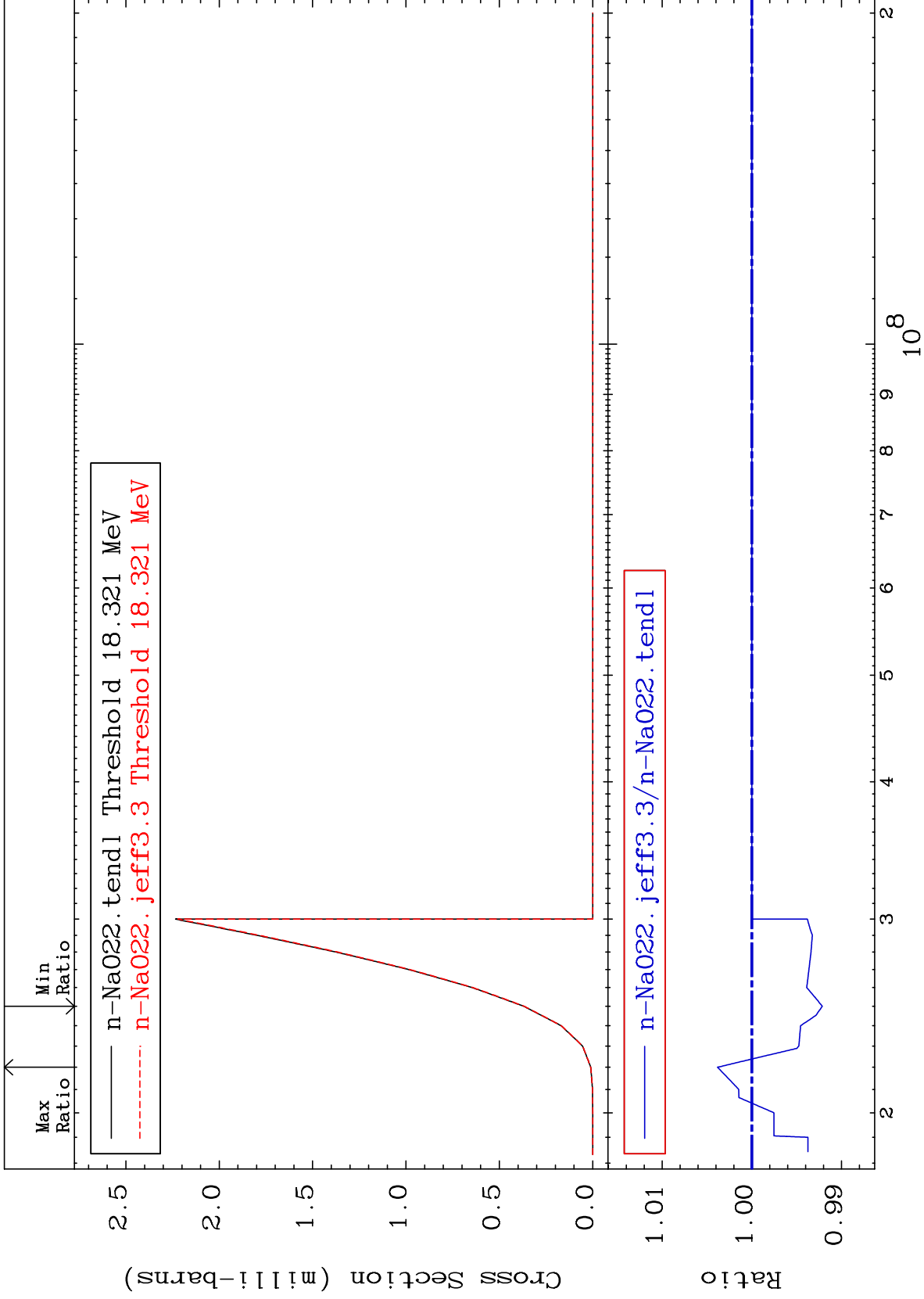


MAT 1122

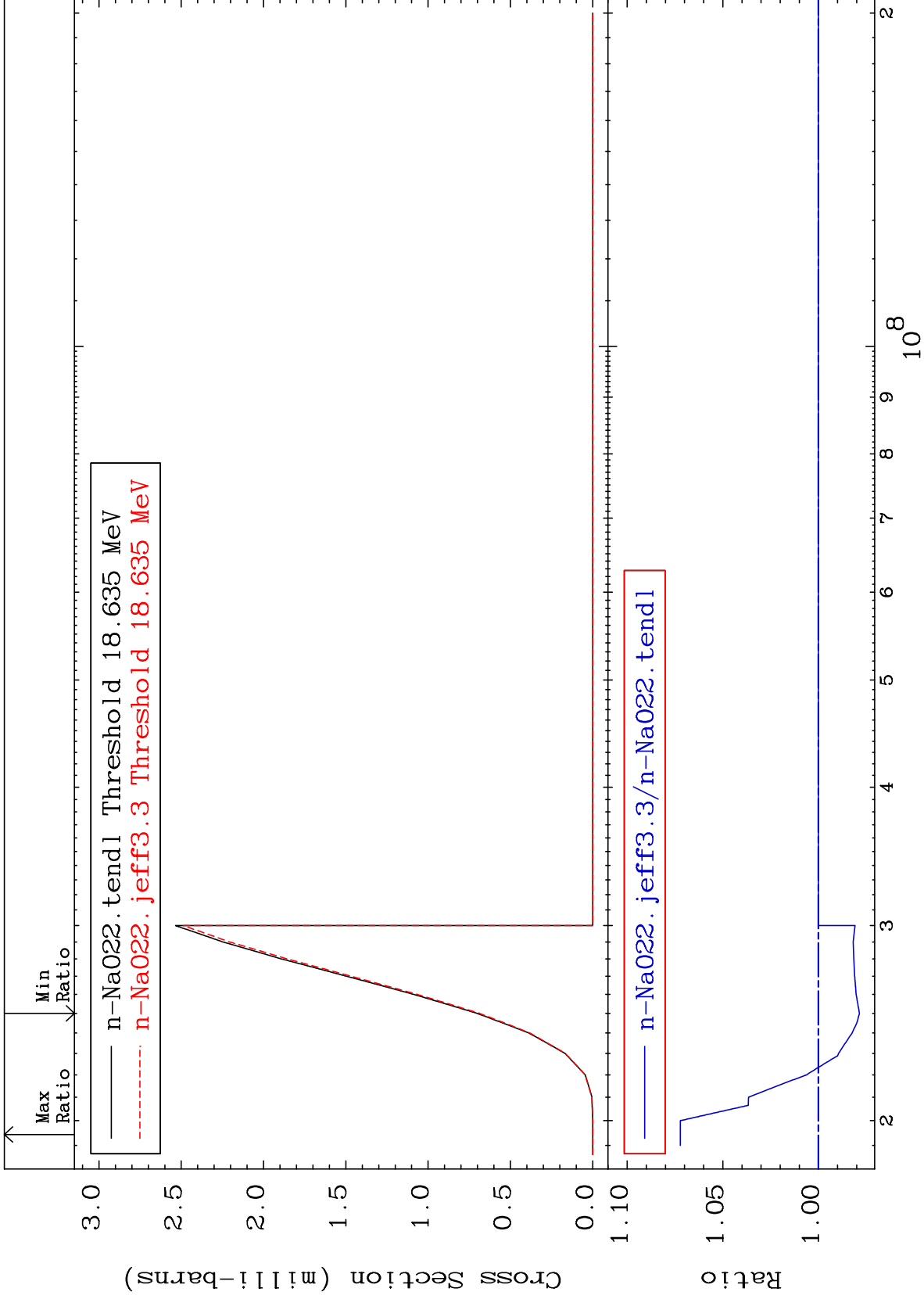
(n, d)  $2\alpha$   
Cross Section

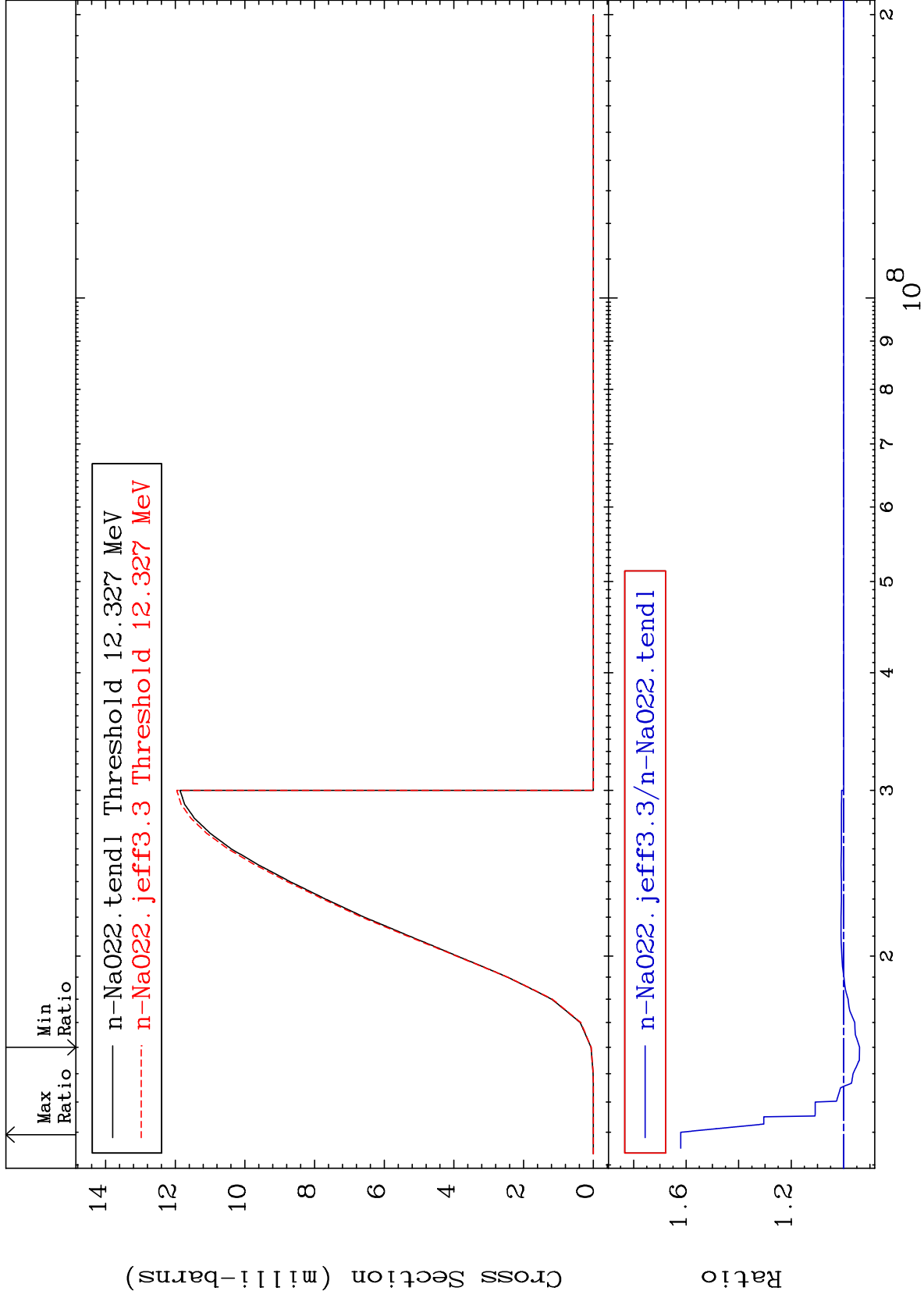
11-Na-22  
-5.922 To 14.02 %

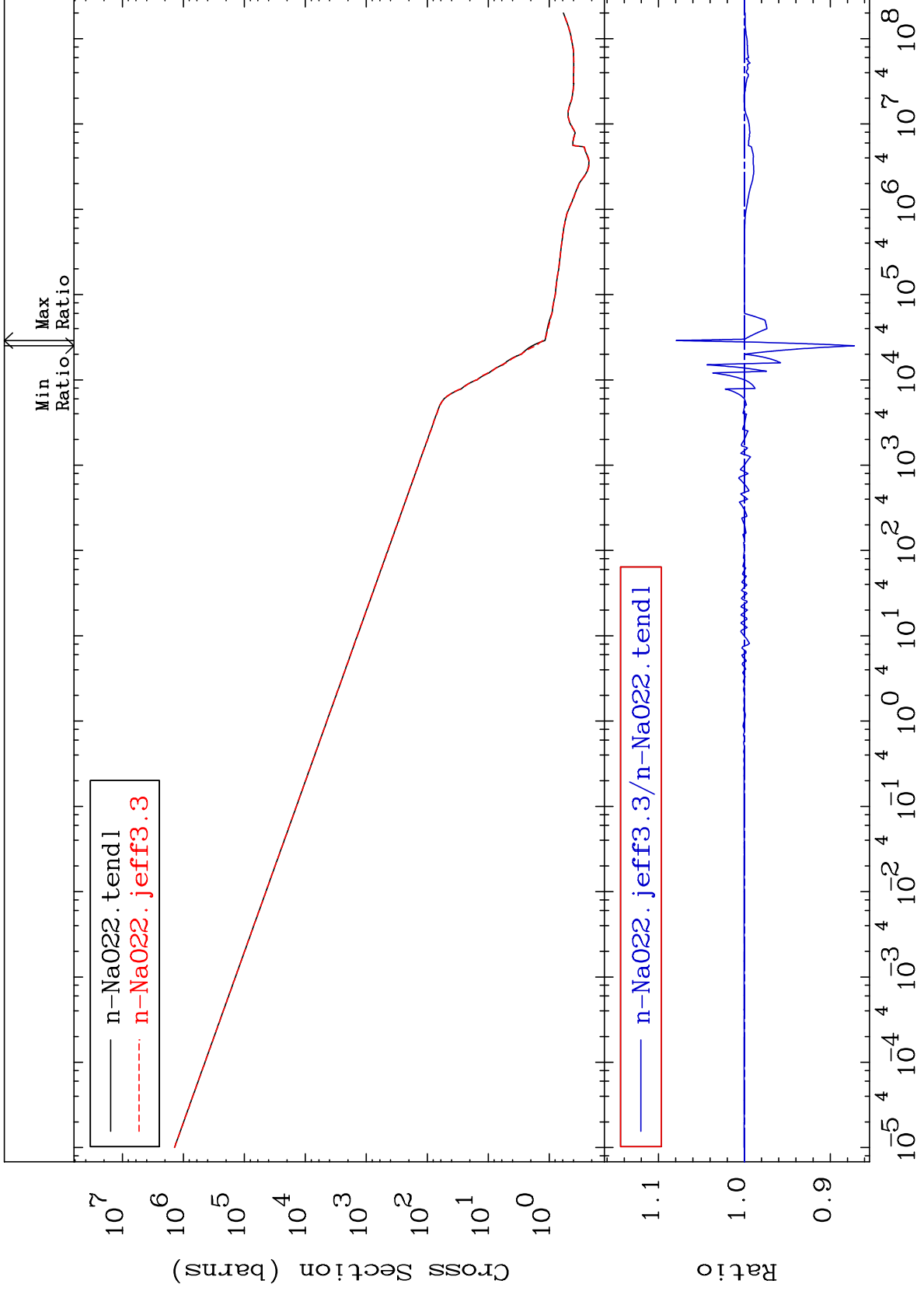








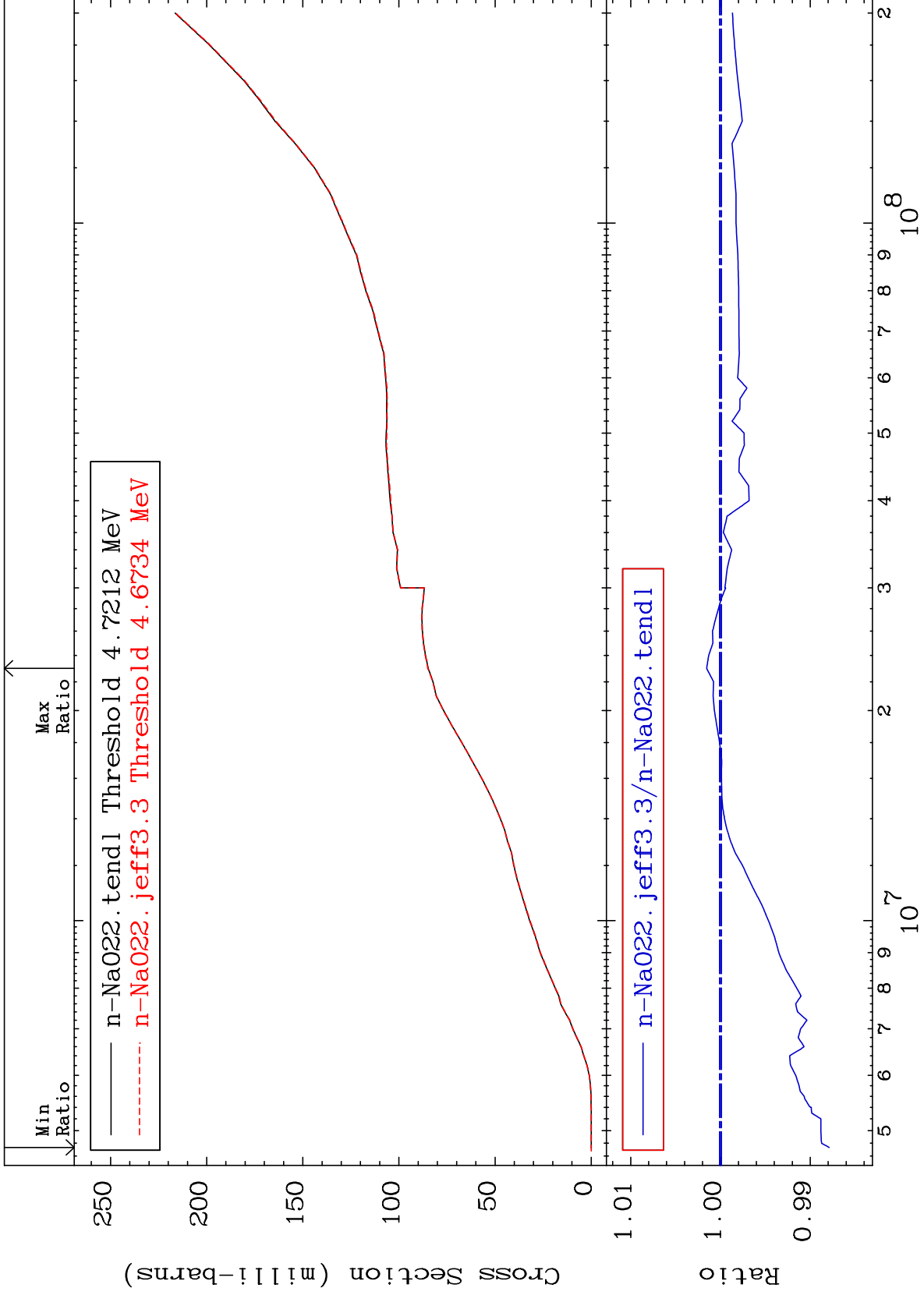




MAT 1122

Deuterium Production  
Cross Section

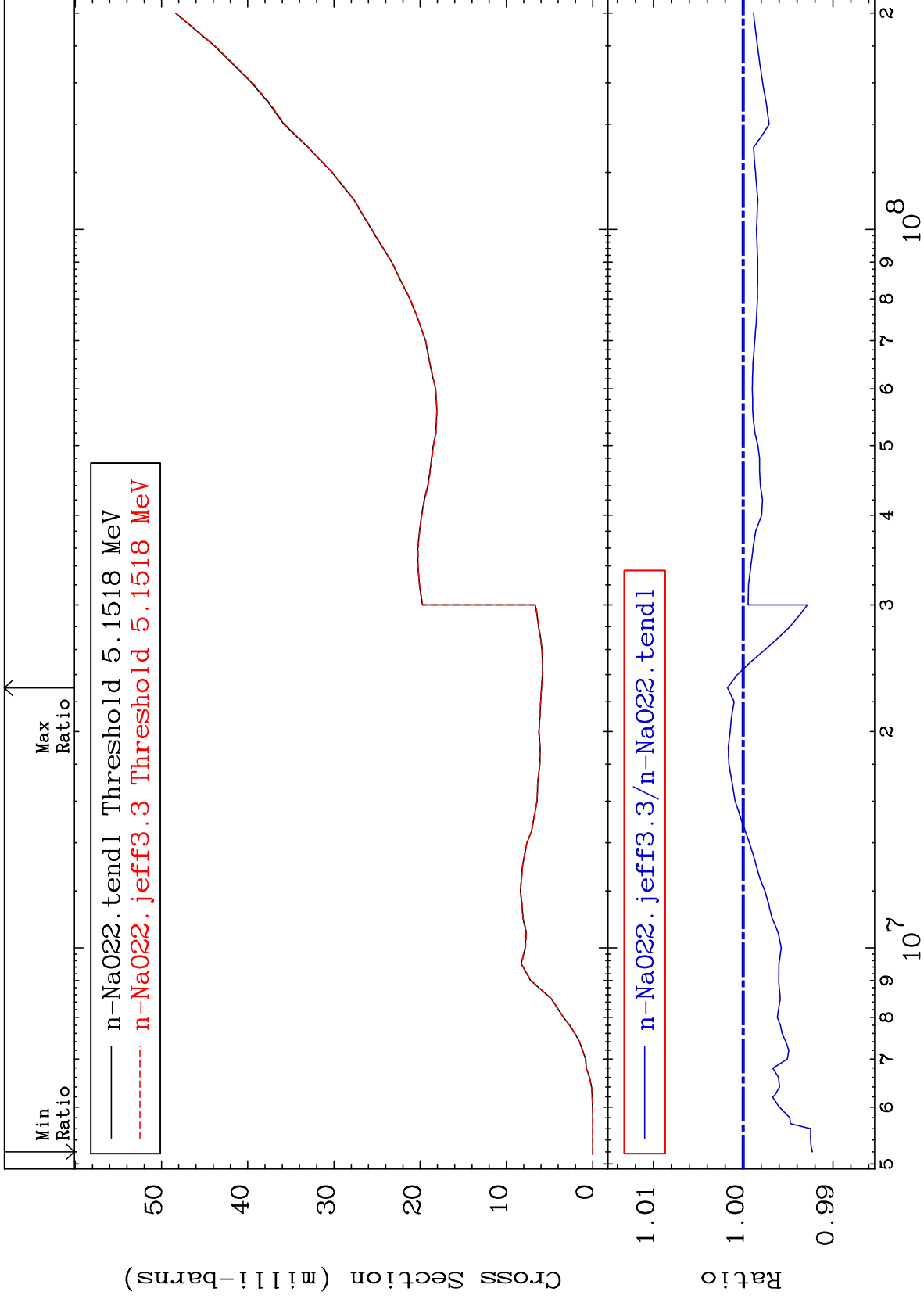
11-Na-22  
-1.212 To 0.154 %



MAT 1122

Tritium Production  
Cross Section

11-Na-22  
-0.771 To 0.175 %

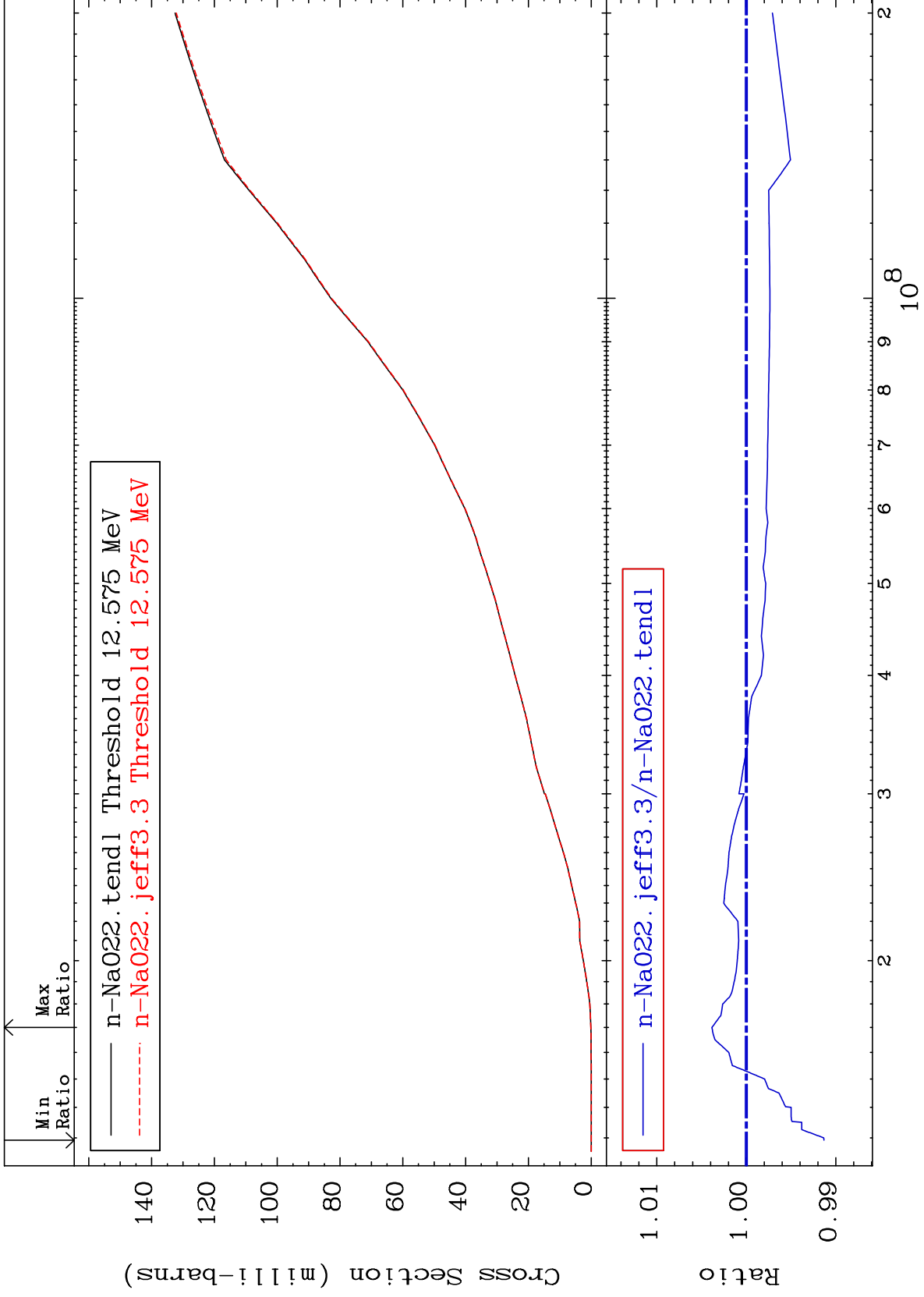


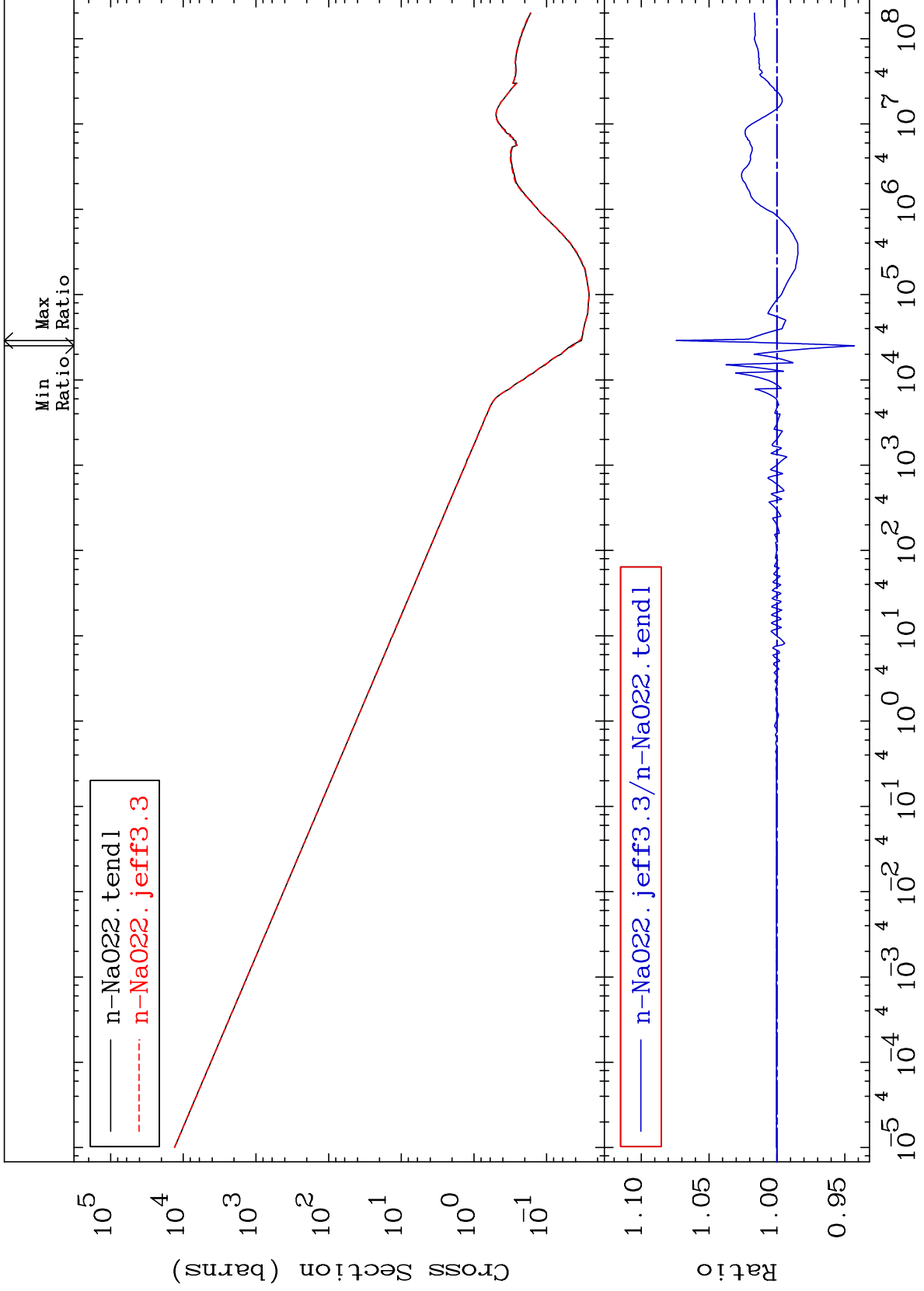
61

MAT 1122

He-3 Production  
Cross Section

11-Na-22  
-0.867 To 0.385 %

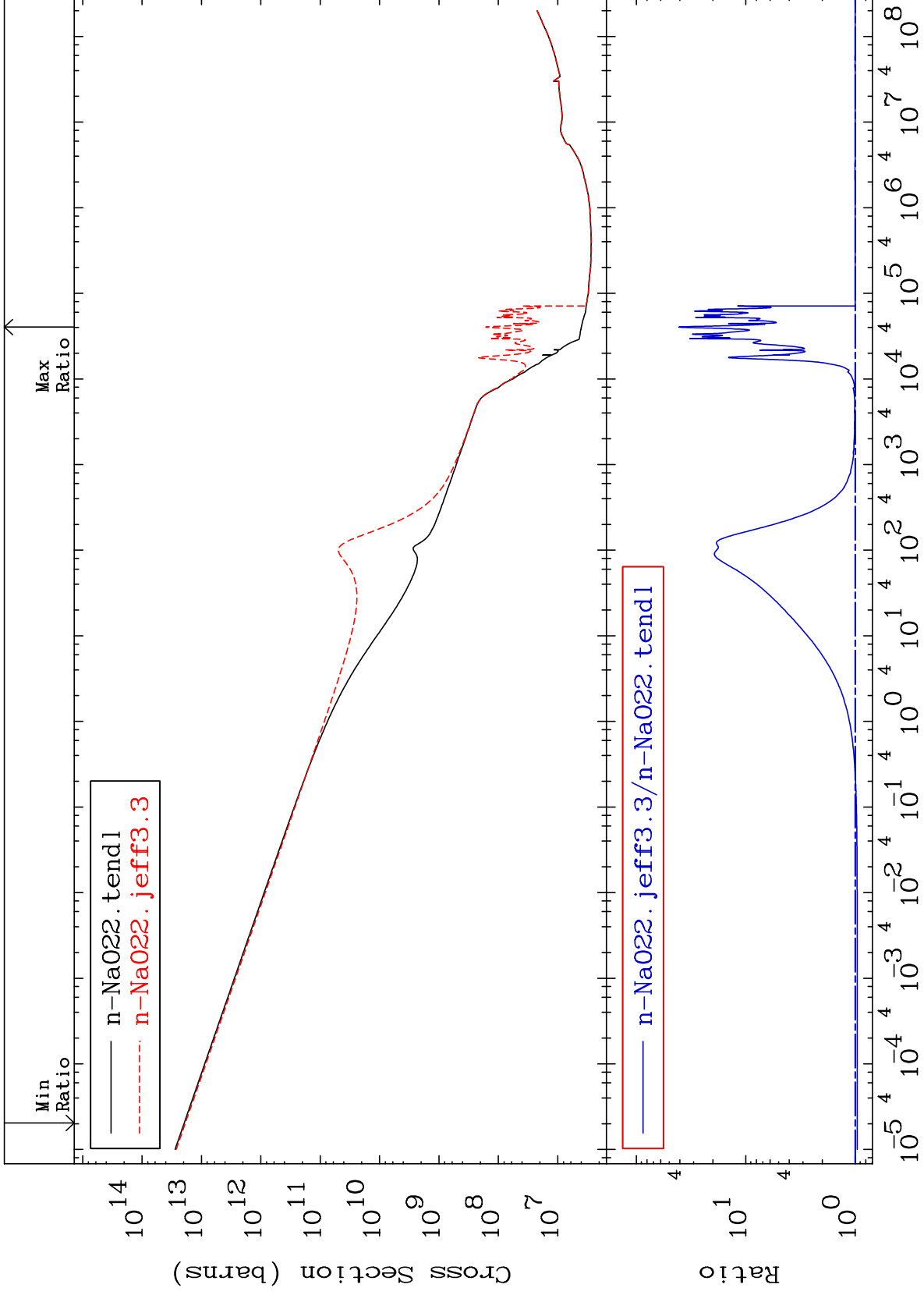




MAT 1122

Kerma total (eV-barns)  
Cross Section

11-Na-22  
-4.249 To 4010. %

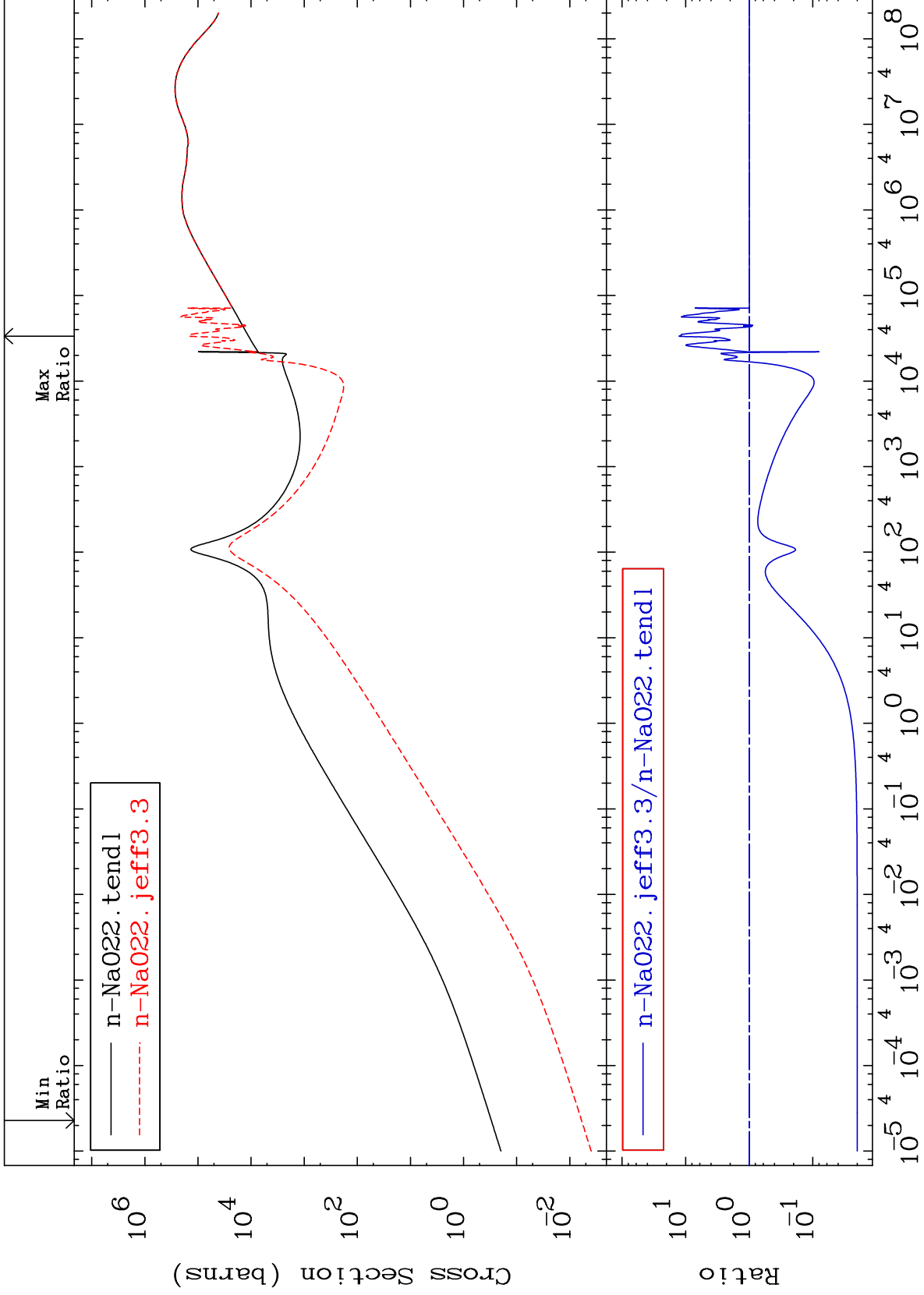


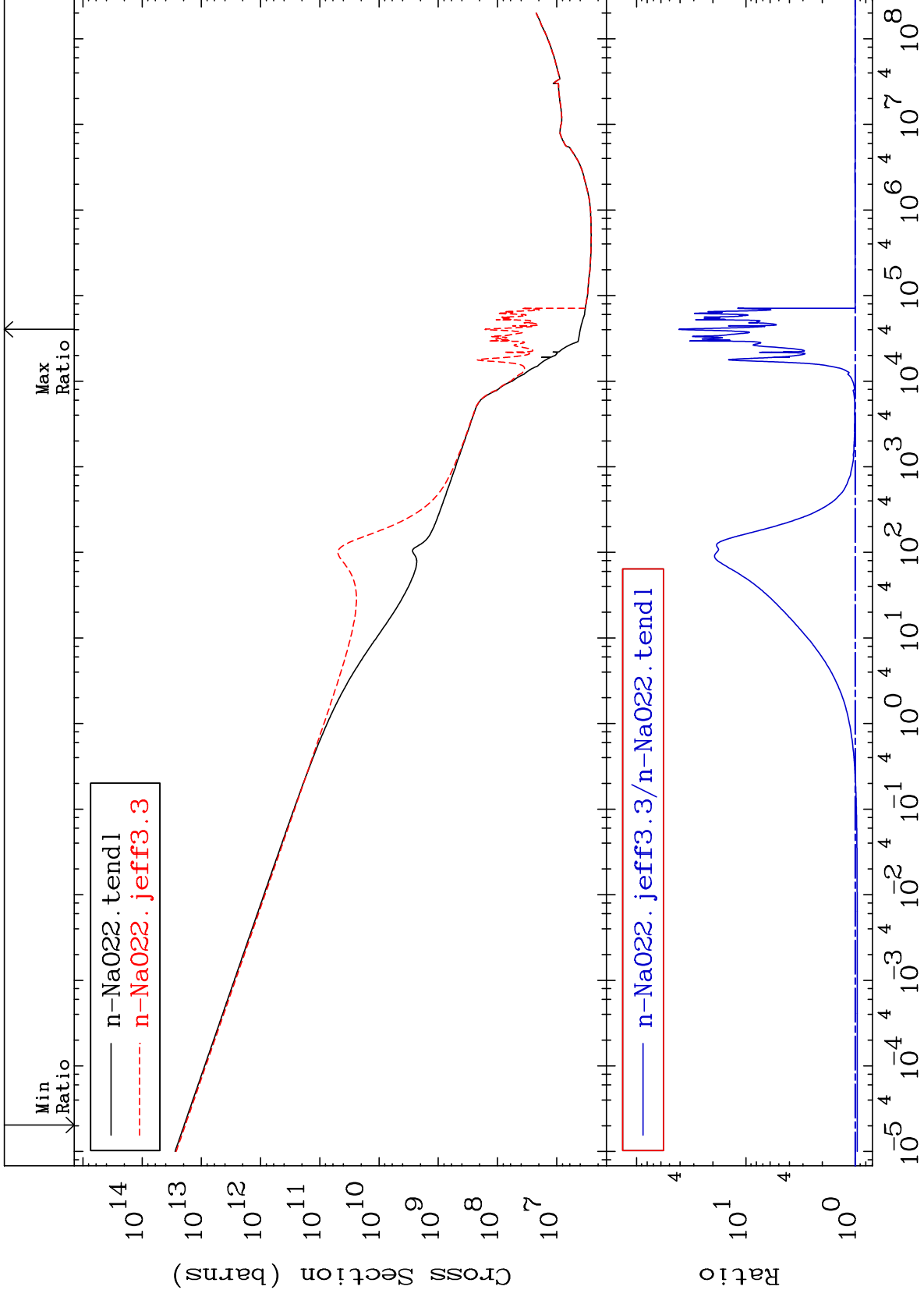


MAT 1122

Kerma elastic  
Cross Section

11-Na-22  
-98.00 To 1190. %





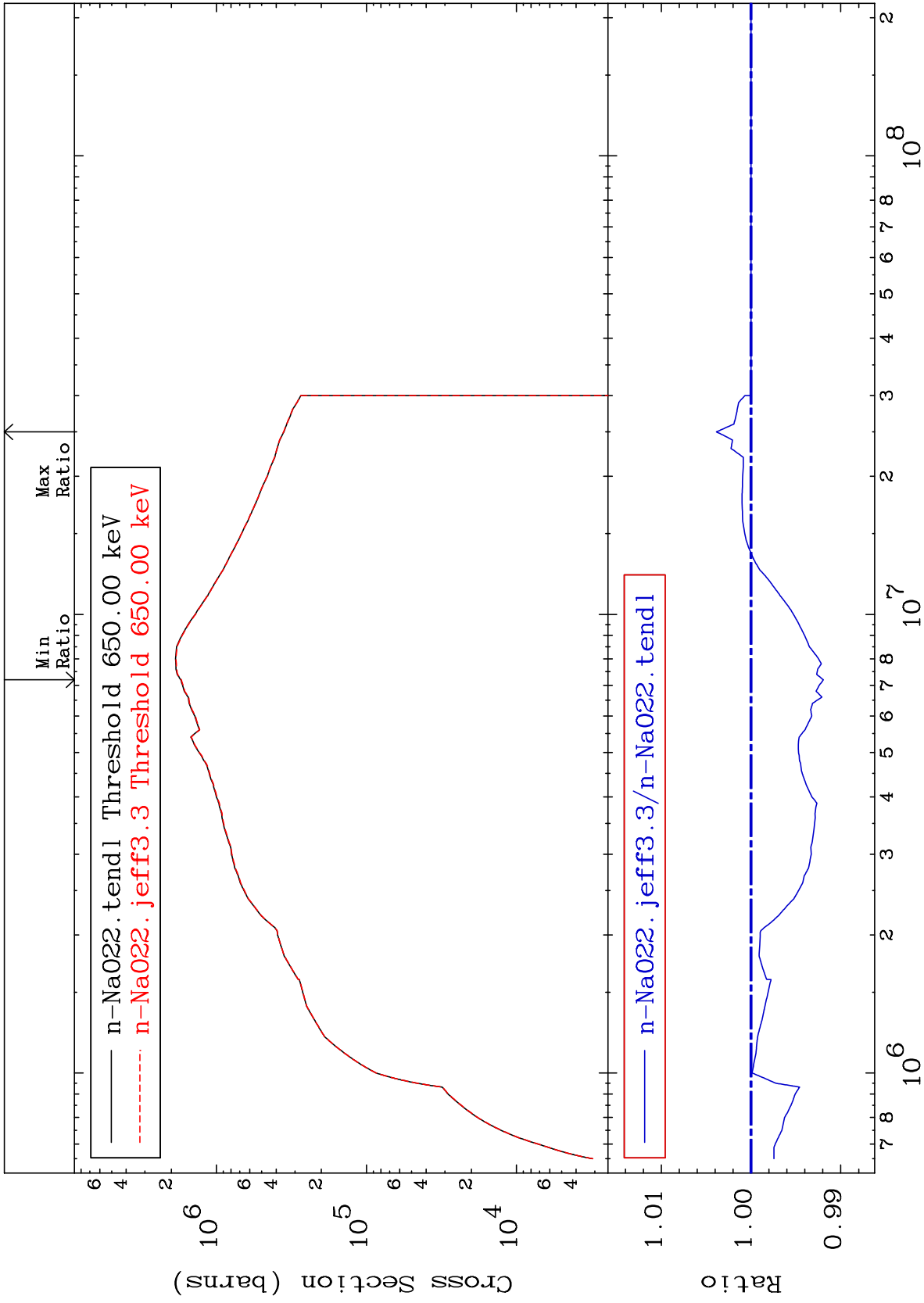
MAT 1122

Kerma inelastic (mt51-91)

11-Na-22

-0.806 To 0.385 %

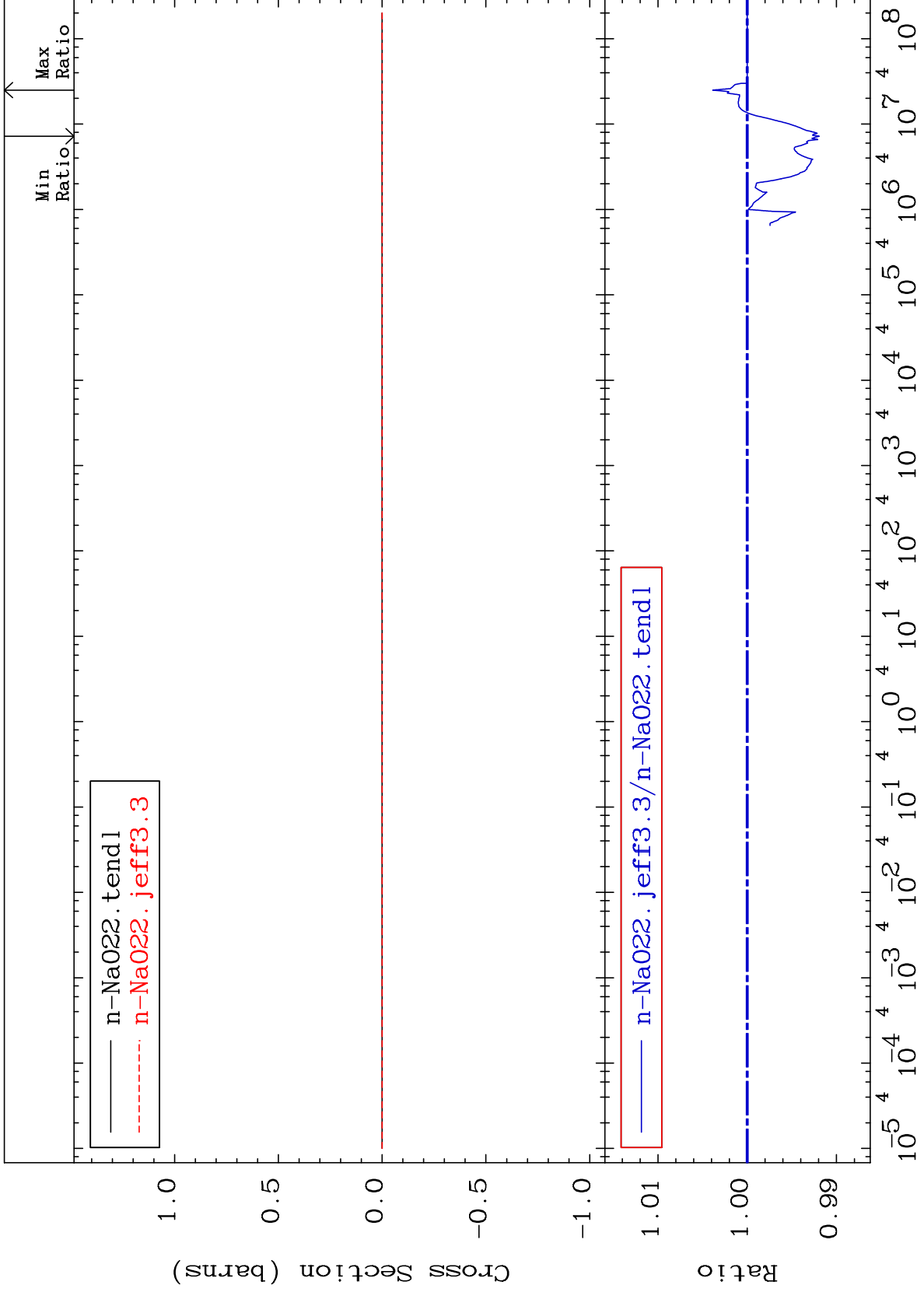
Cross Section



MAT 1122

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

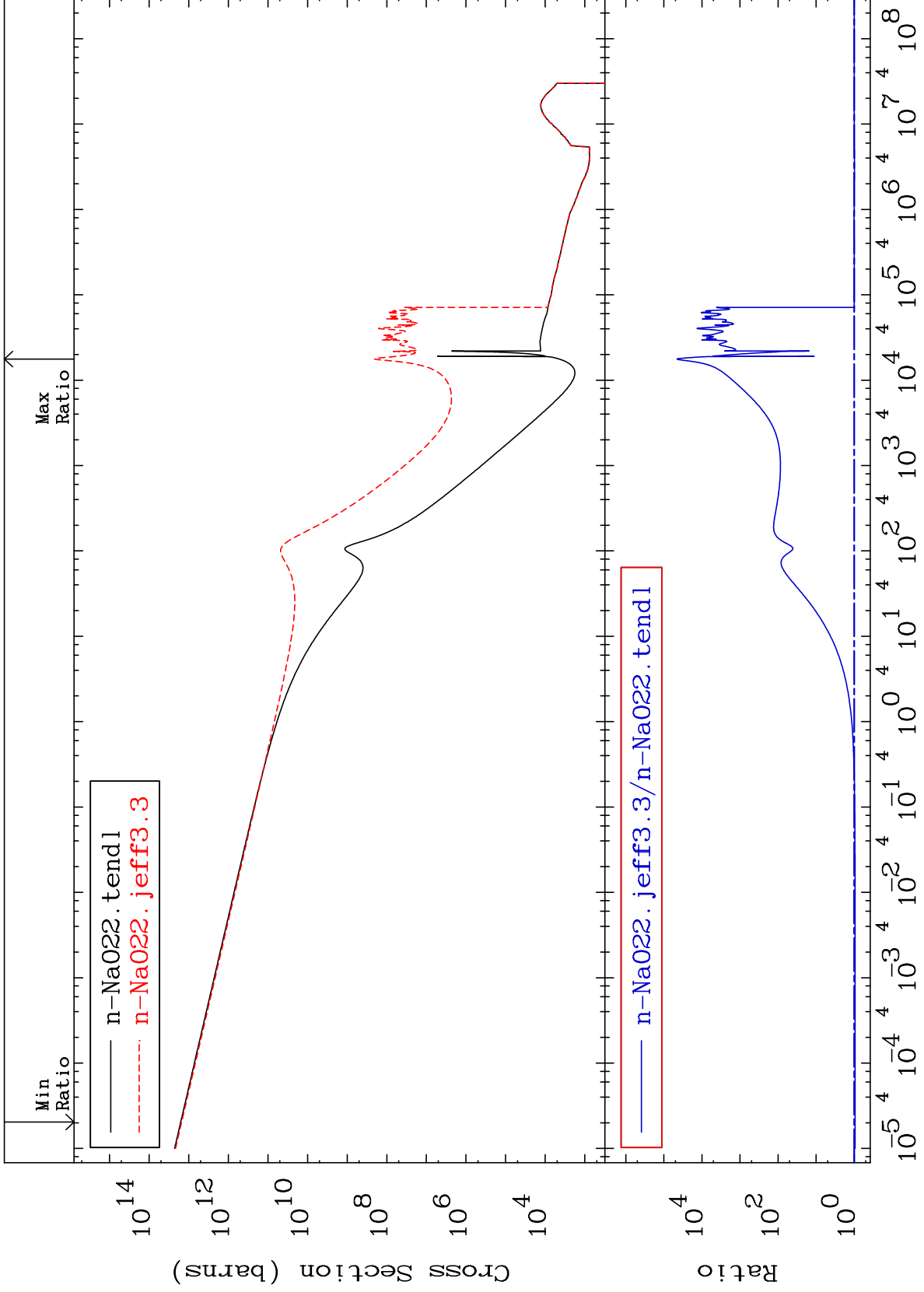
11-Na-22  
-0.806 To 0.385 %



MAT 1122

Kerma capture (mt102)  
Cross Section

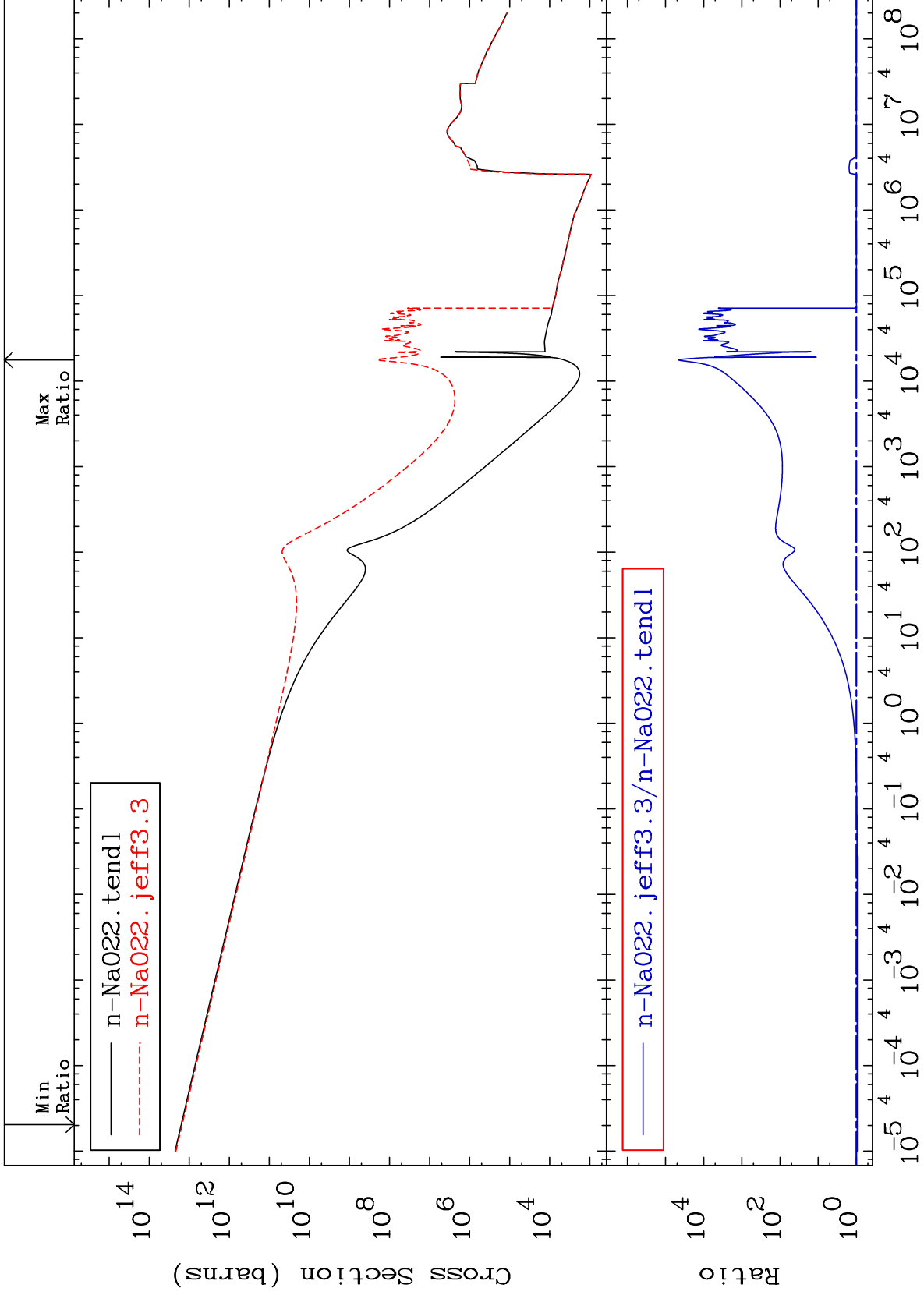
11-Na-22  
-5.208 To 9999. %



MAT 1122

Total photon (eV-barns)  
Cross Section

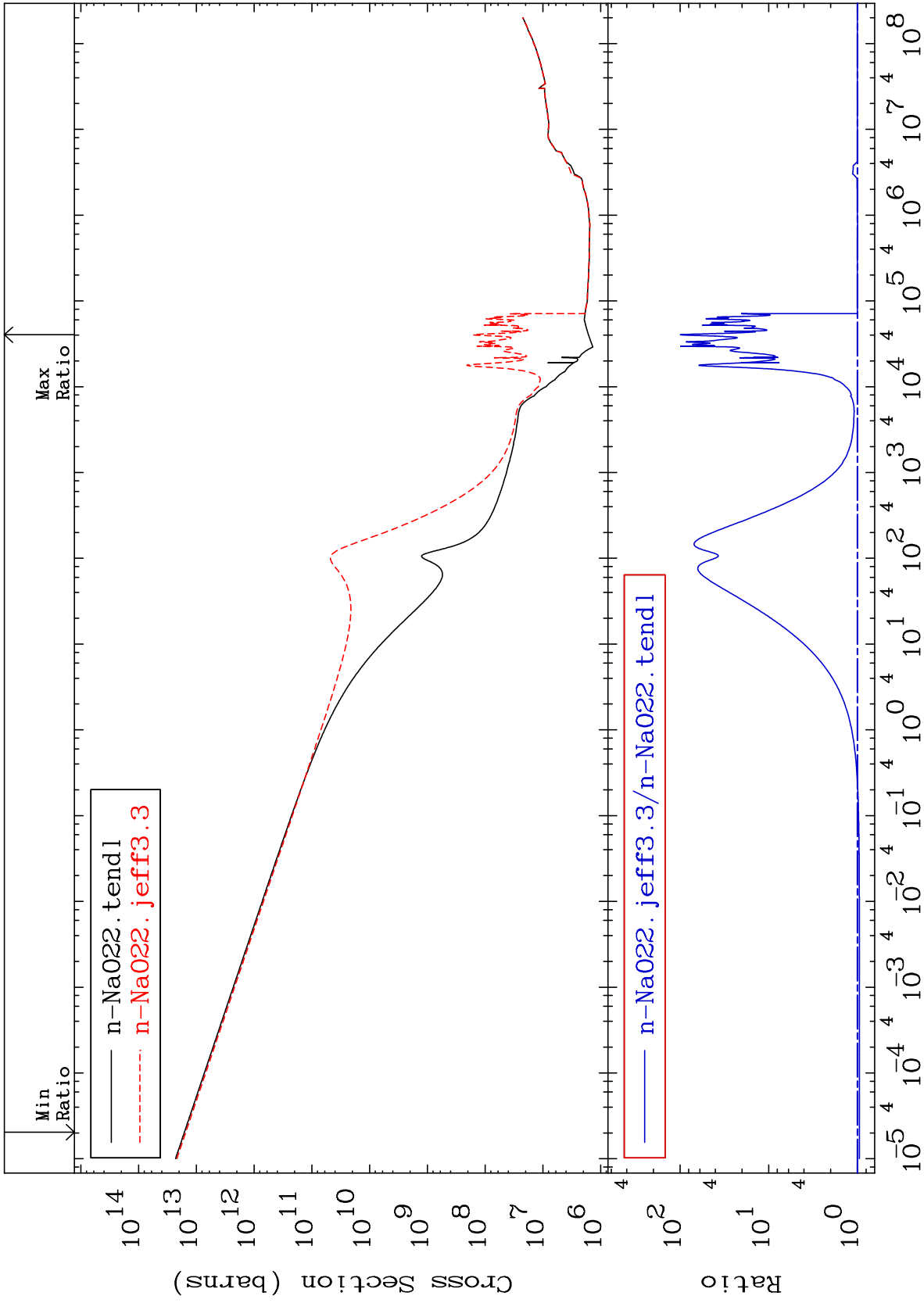
11-Na-22  
-5.209 To 9999. %



70

Incident Energy (eV)

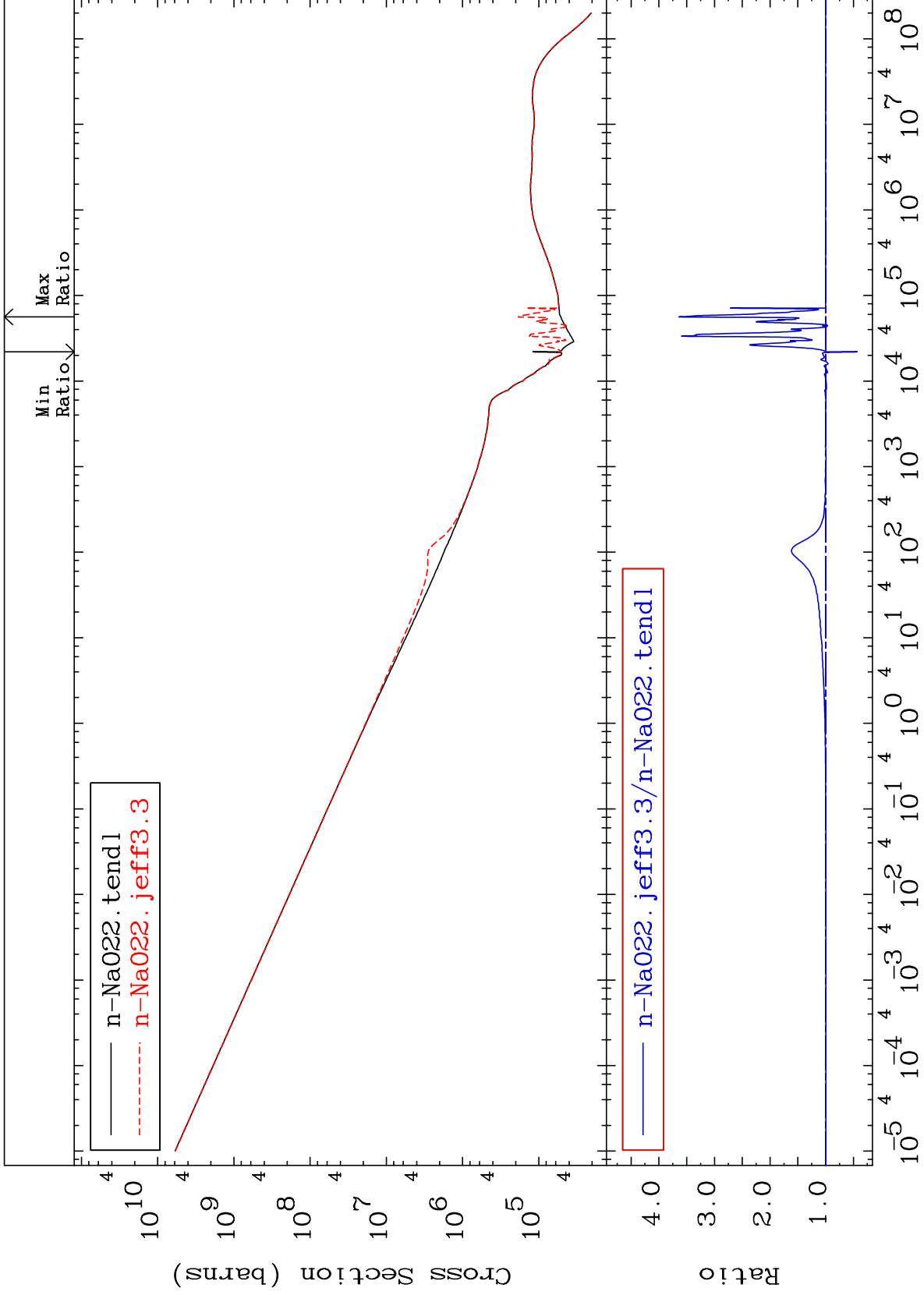
11-Na-22



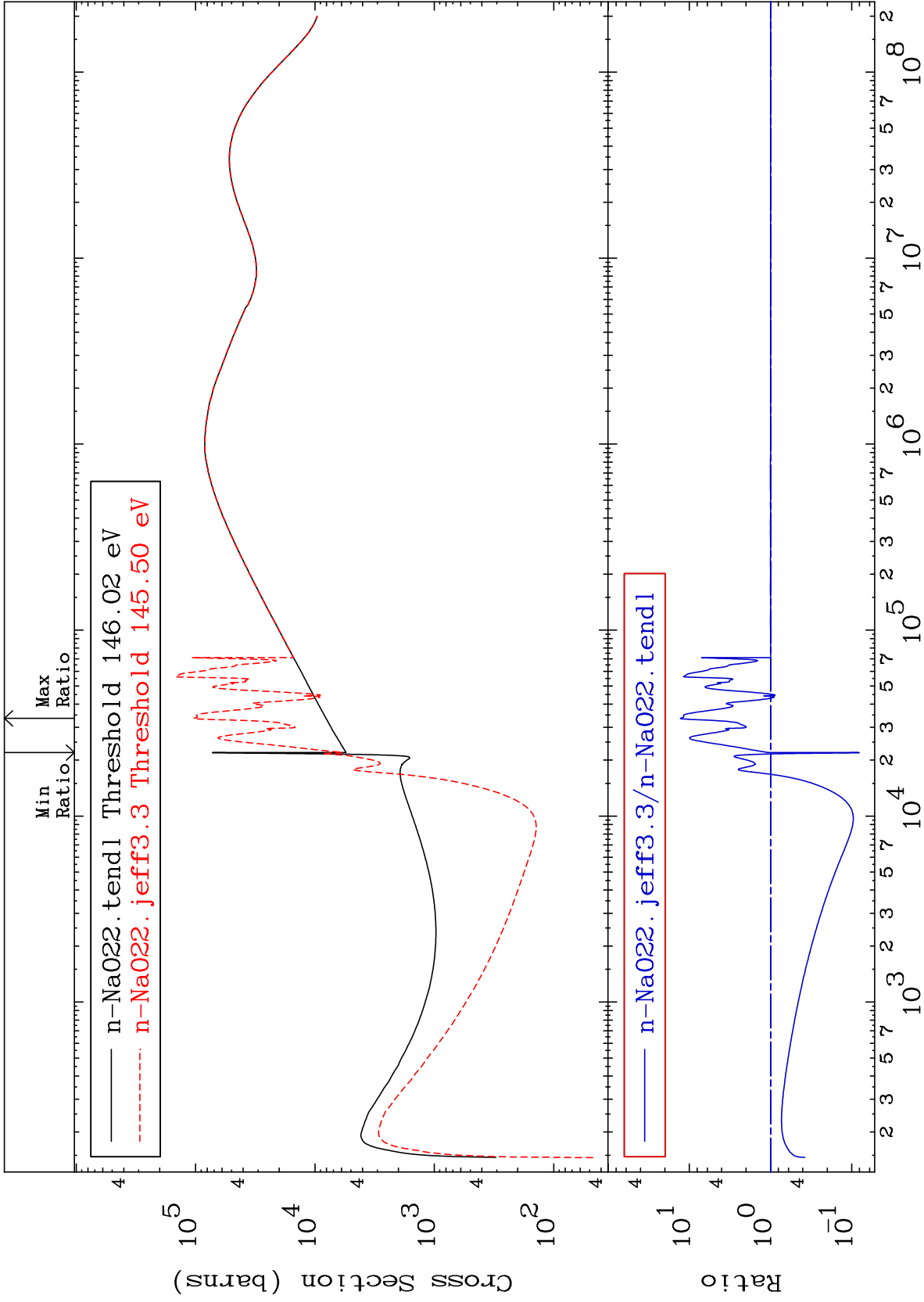
MAT 1122

Dpa total (eV-barns)  
Cross Section

11-Na-22  
-56.87 To 264.5 %



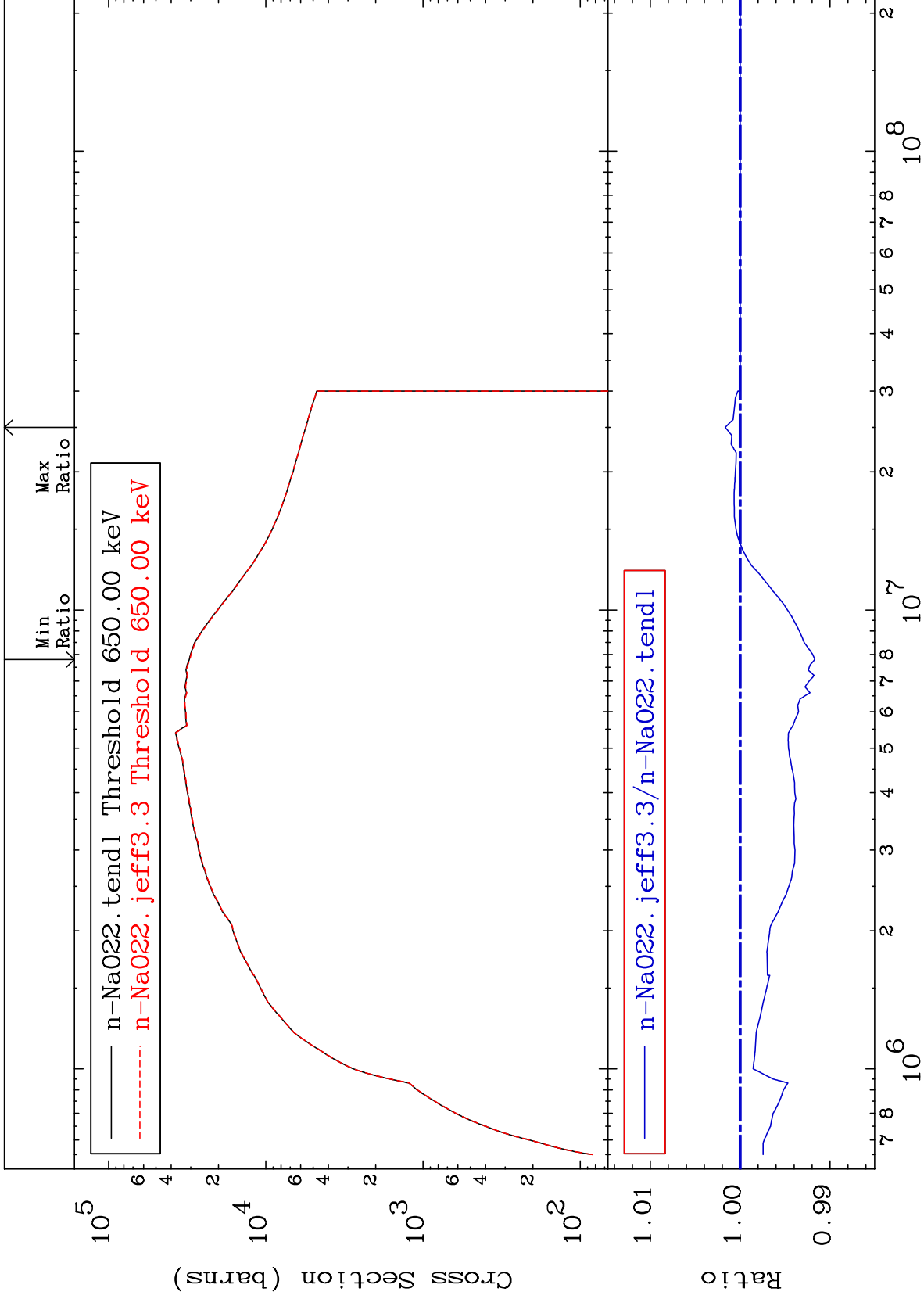




MAT 1122

Dpa inelastic (mt51-91)  
Cross Section

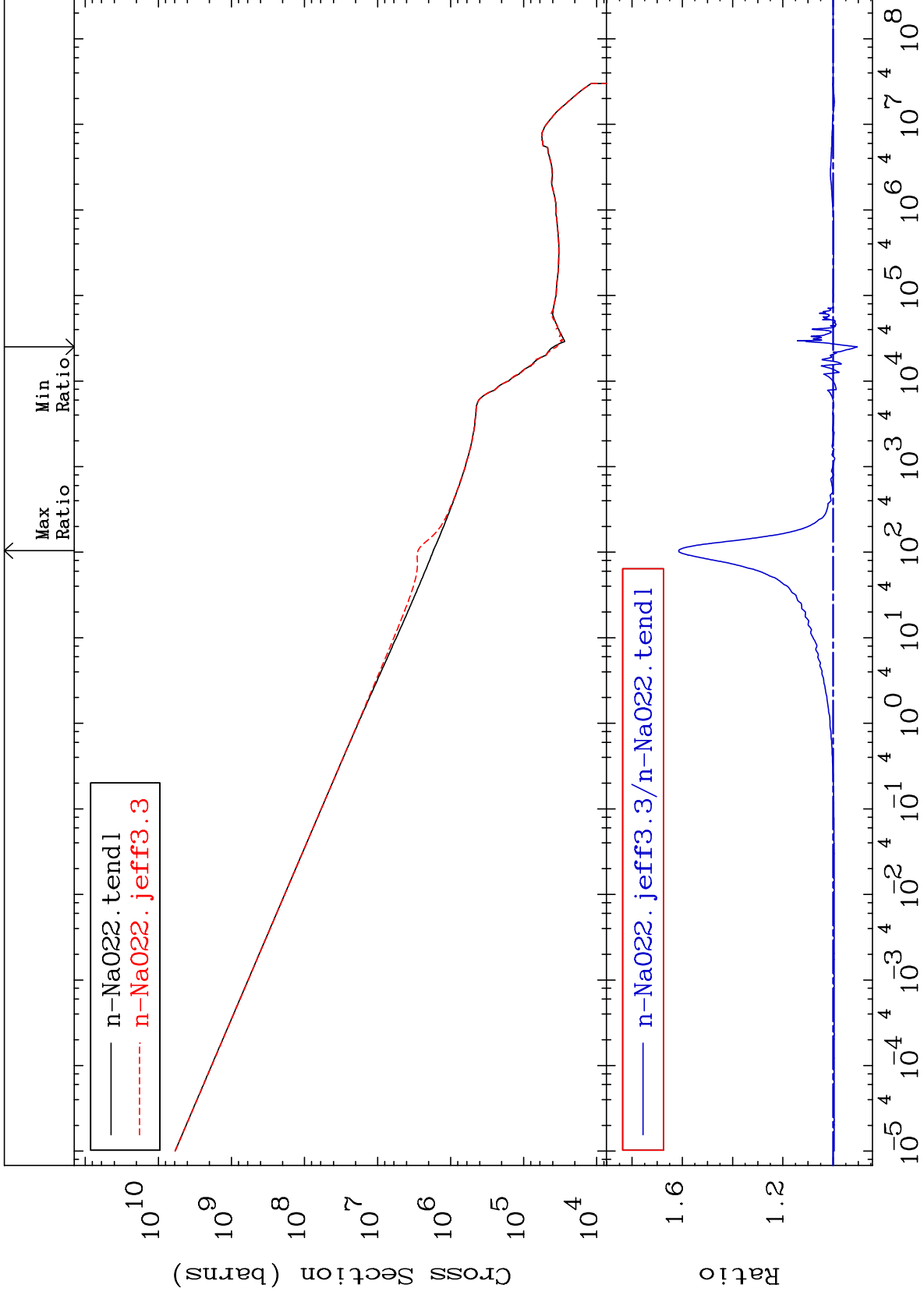
11-Na-22  
-0.830 To 0.168 %



MAT 1122

Dpa disappearance (mt102 -120)  
Cross Section

11-Na-22  
-9.586 To 61.46 %



75

Incident Energy (eV)

11-Na-22