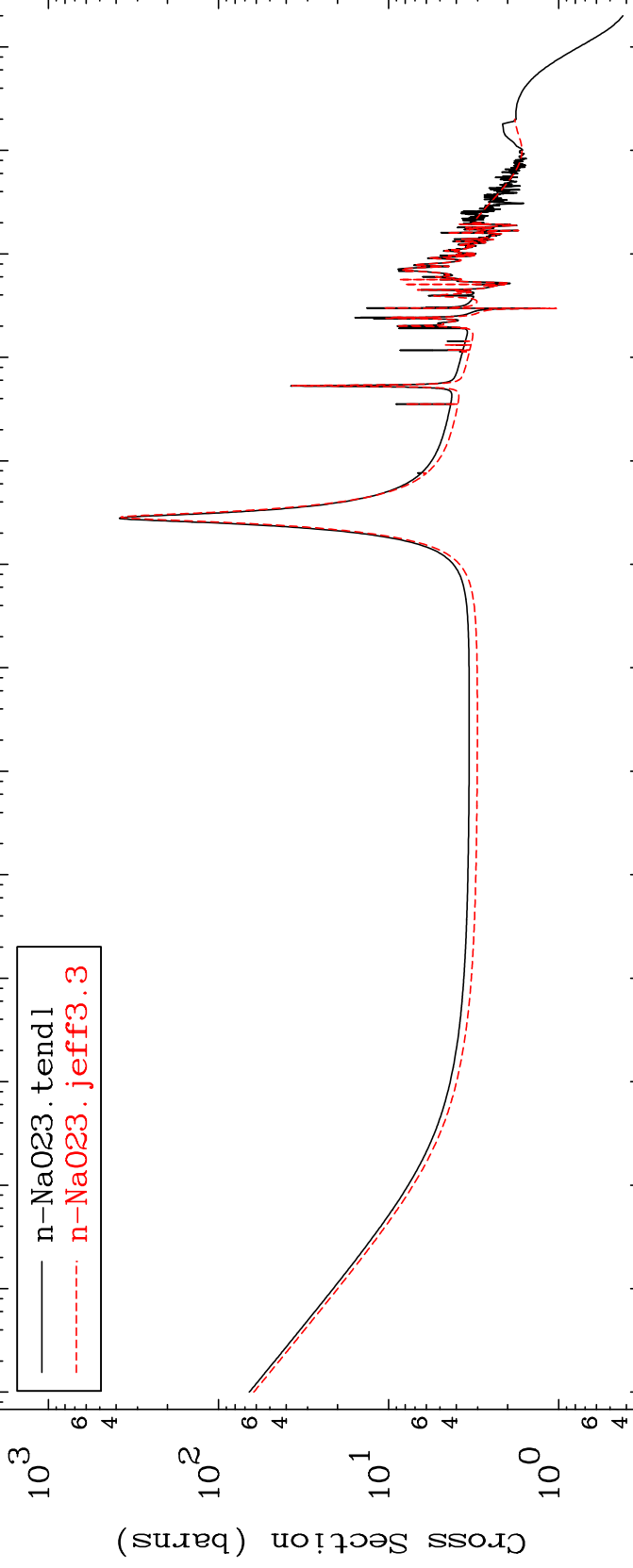


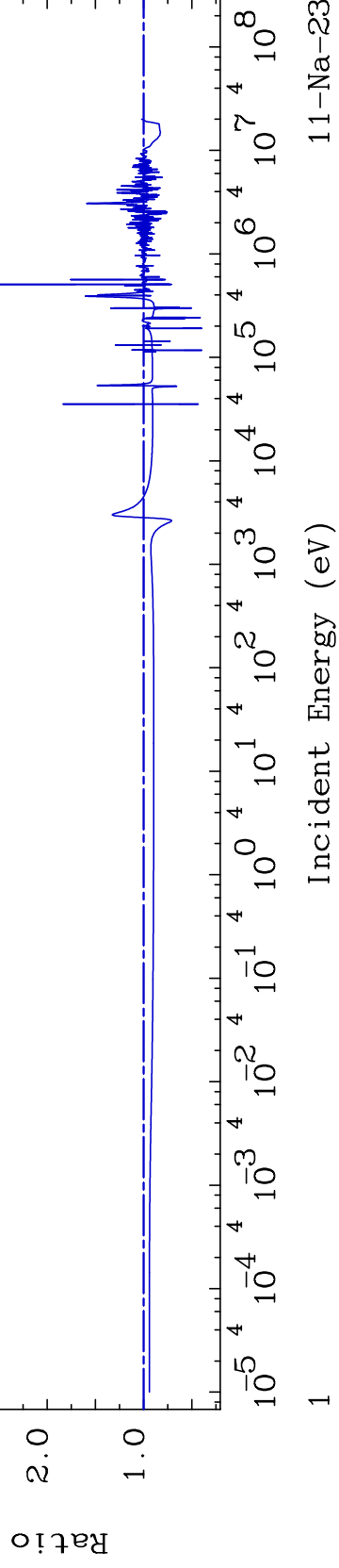
MAT 1125

Total  
Cross Section

11-Na-23  
-60.33 To 163.1 %



n-Na023.jeff3.3/n-Na023.tendl

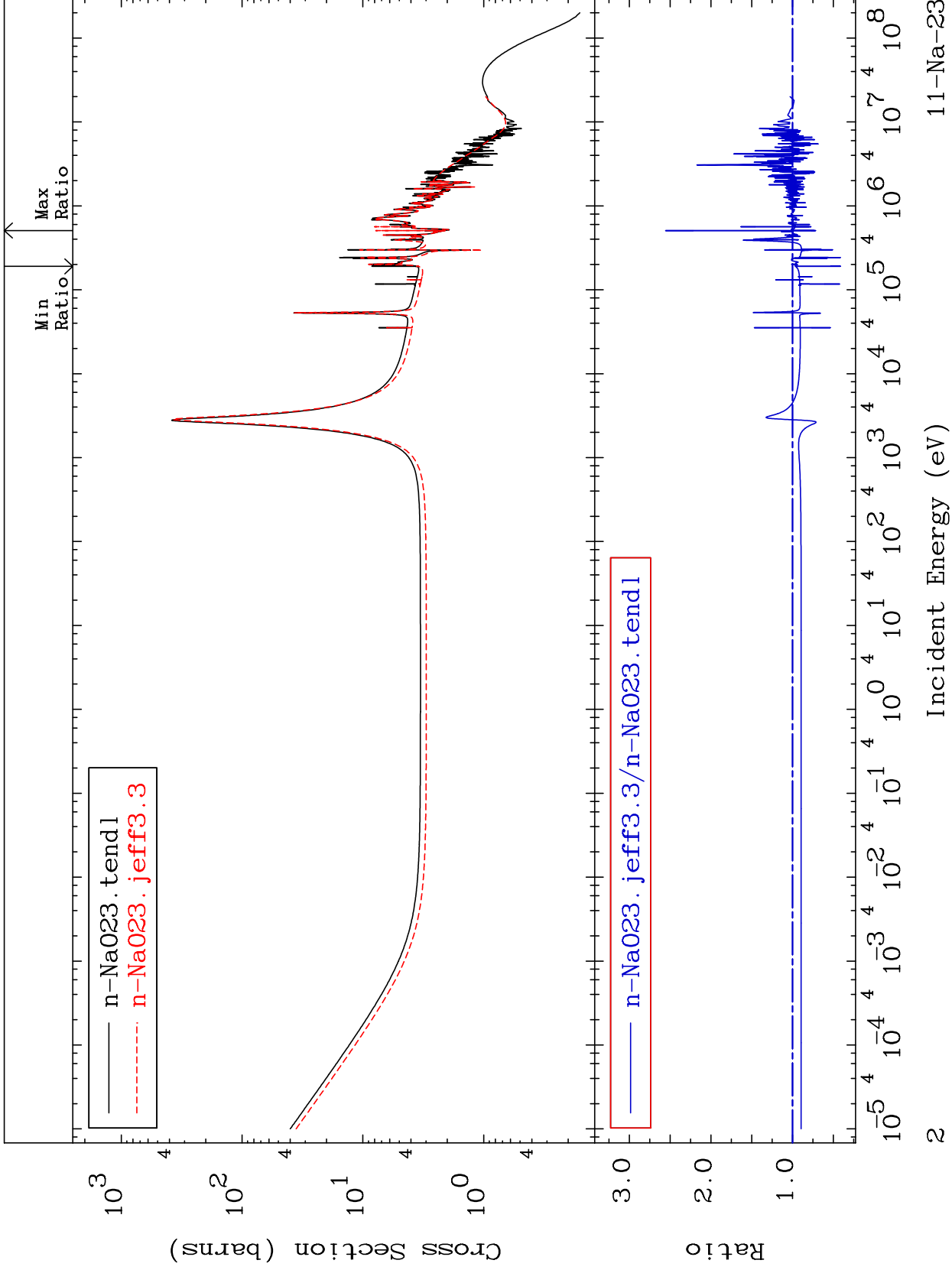


11-Na-23

MAT 1125

Elastic  
Cross Section

11-Na-23  
-58.95 To 155.7 %

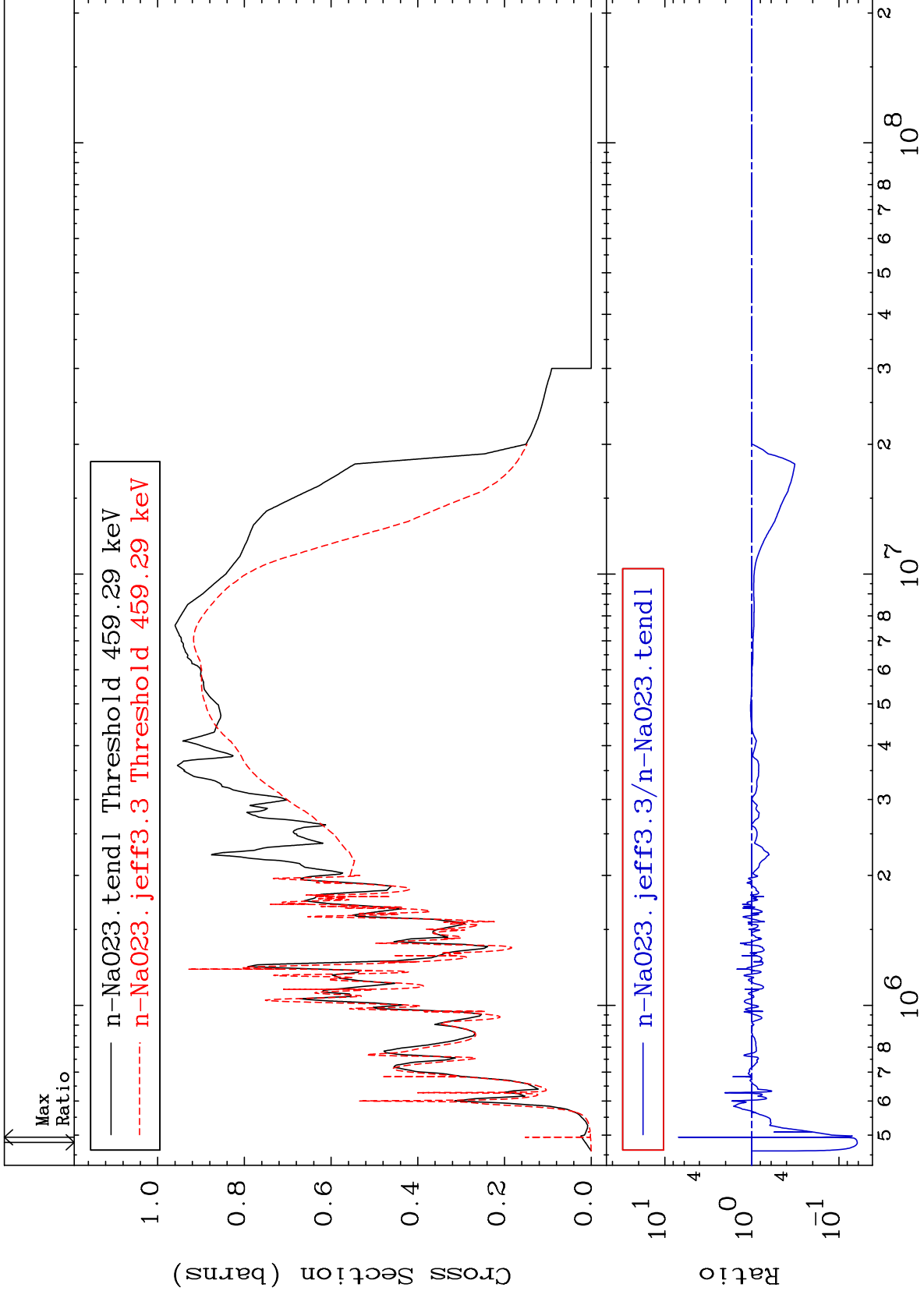


11-Na-23

MAT 1125

Inelastic  
Cross Section

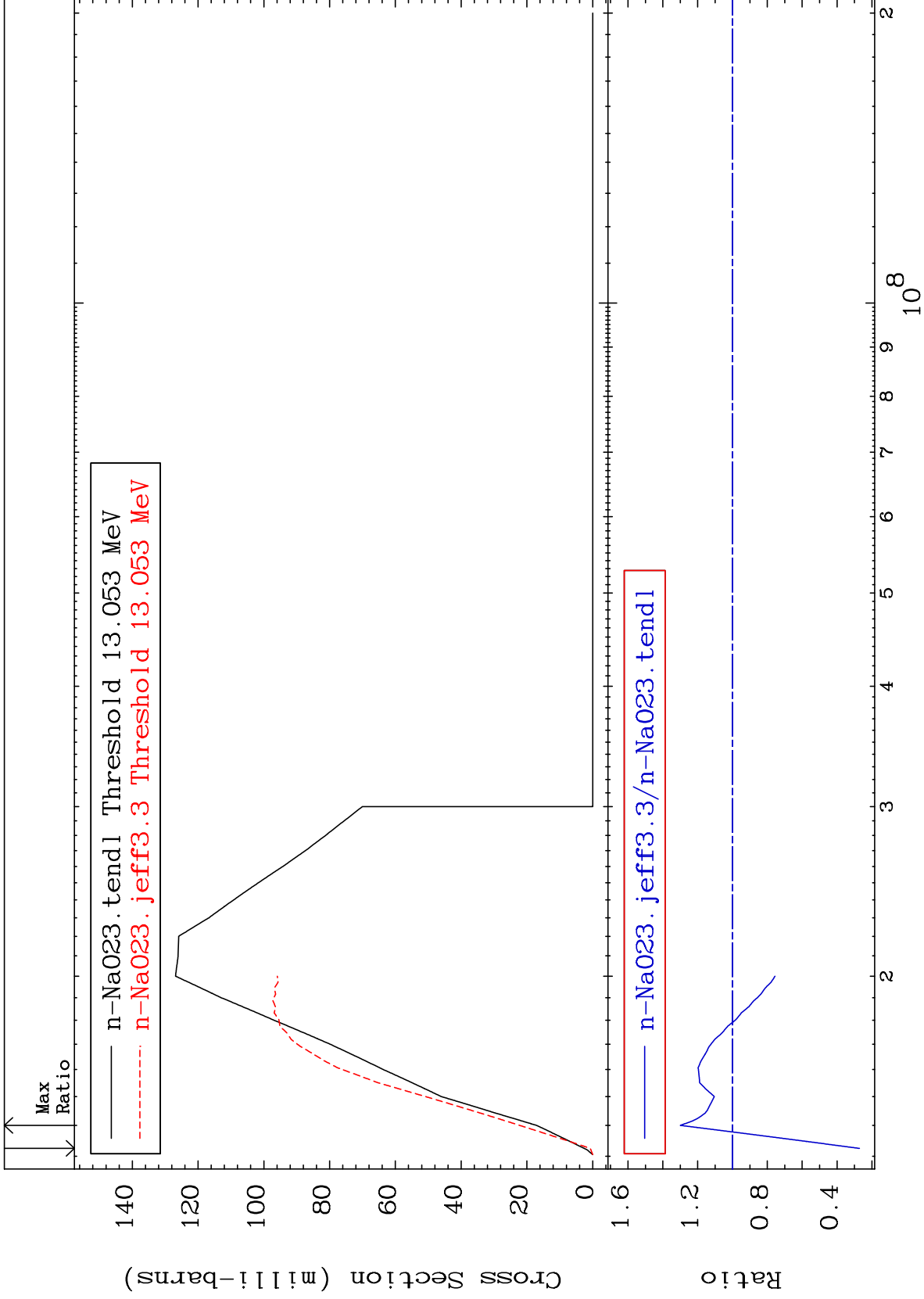
11-Na-23  
-93.84 To 593.3 %



MAT 1125

(n,2n)  
Cross Section

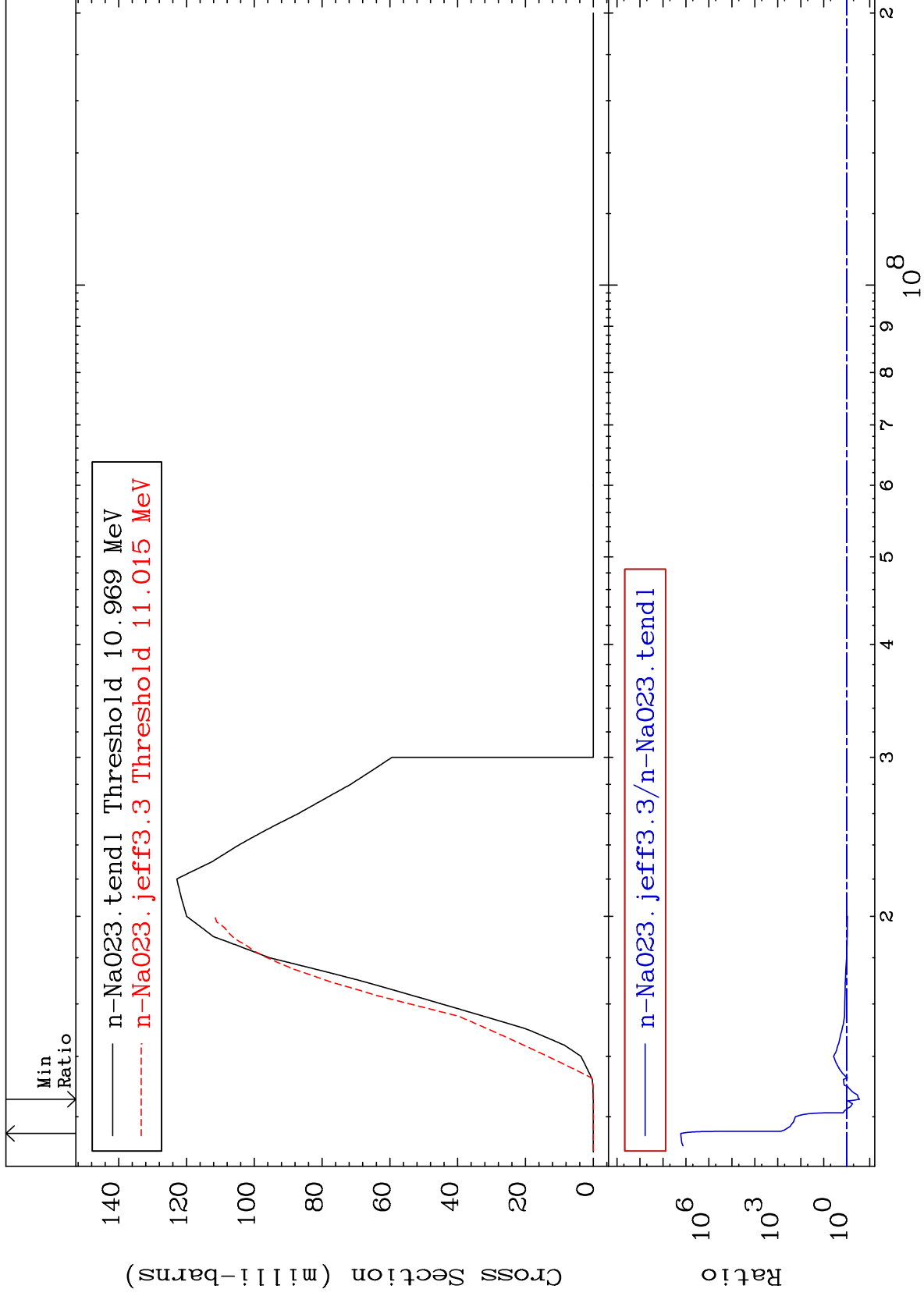
11-Na-23  
-72.86 To 29.93 %



MAT 1125

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

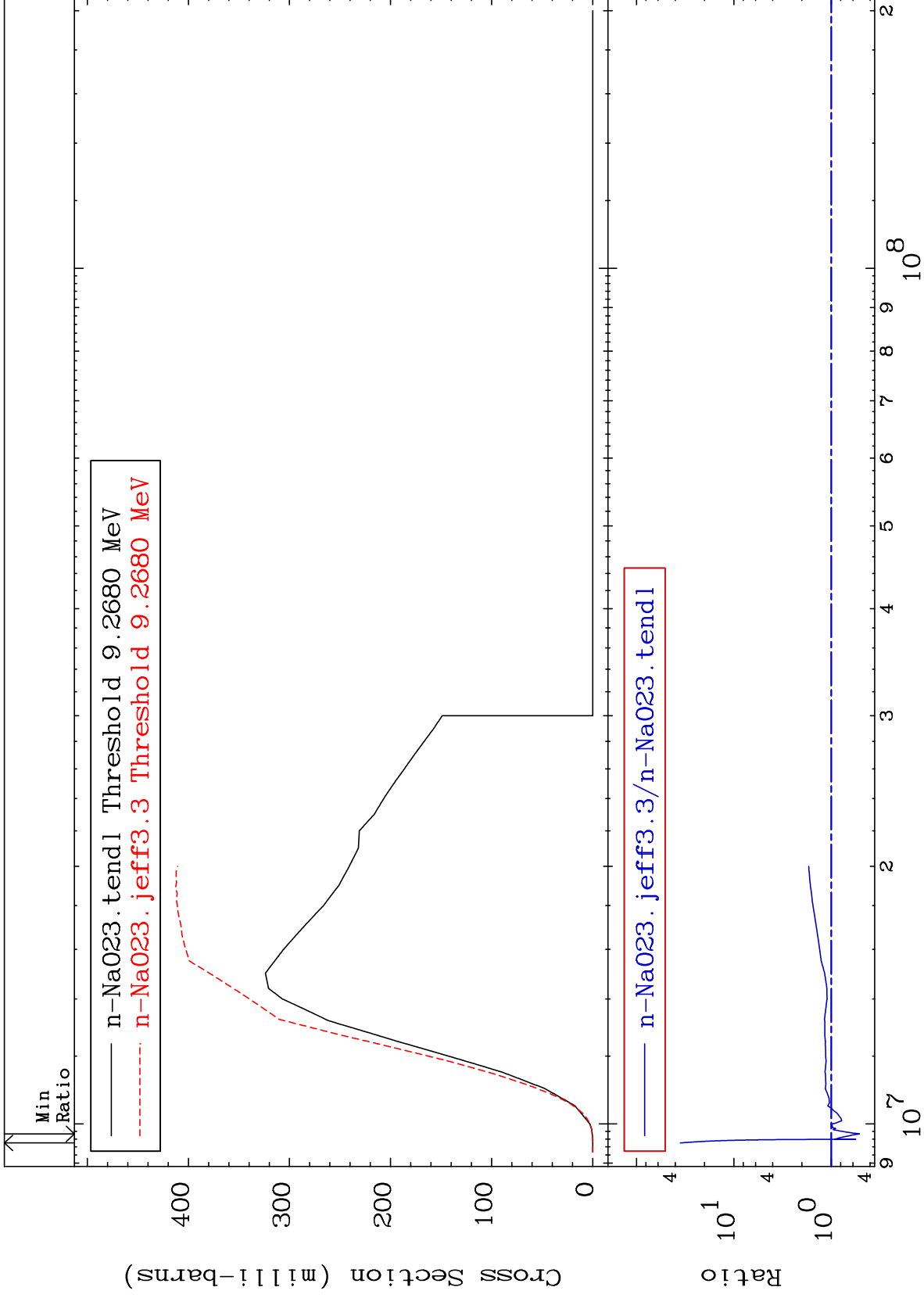
11-Na-23  
-72.49 To 9999. %



MAT 1125

(n,n') p  
Cross Section

11-Na-23  
-48.57 To 3443. %



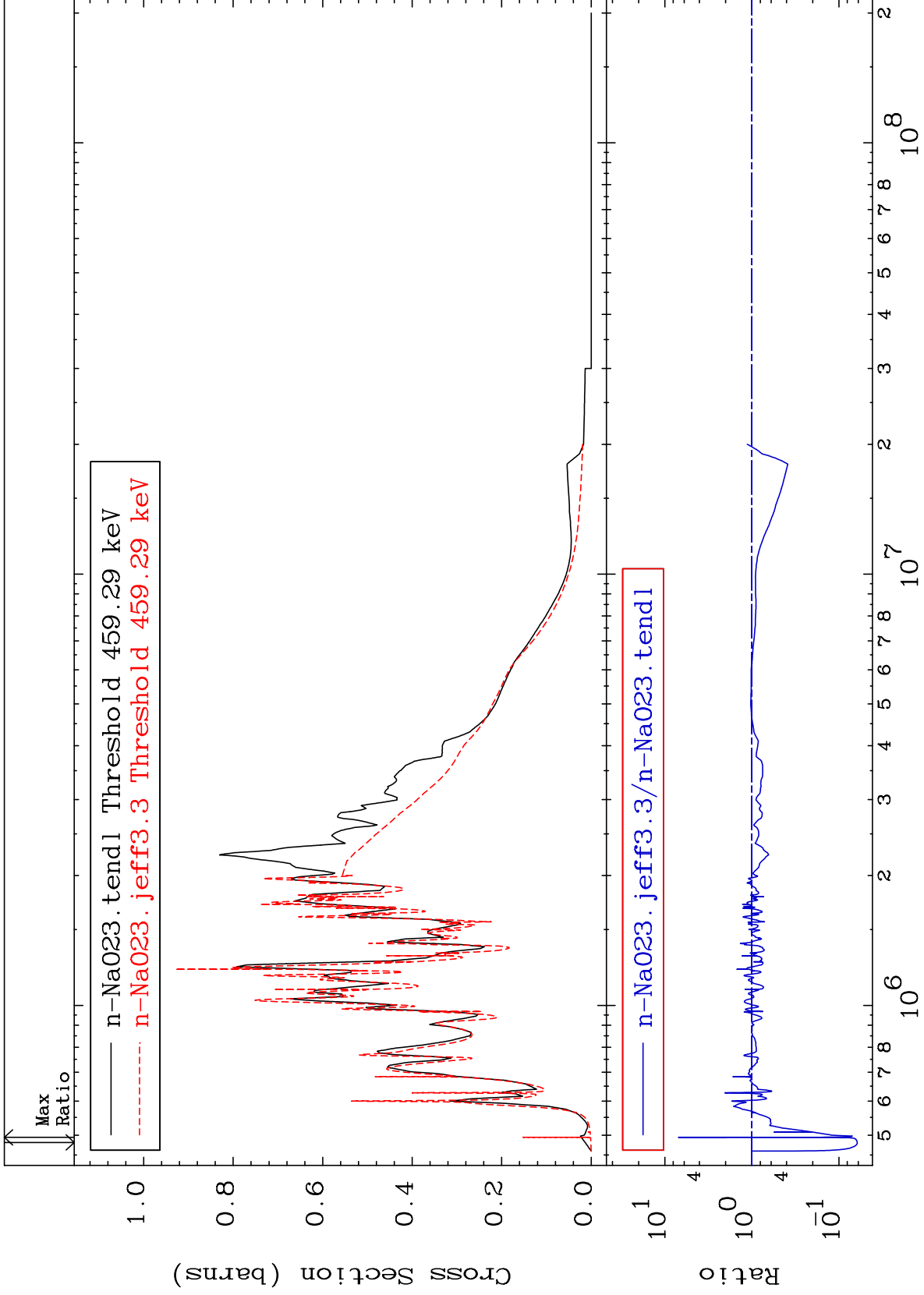
11-Na-23

Incident Energy (eV)

MAT 1125

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

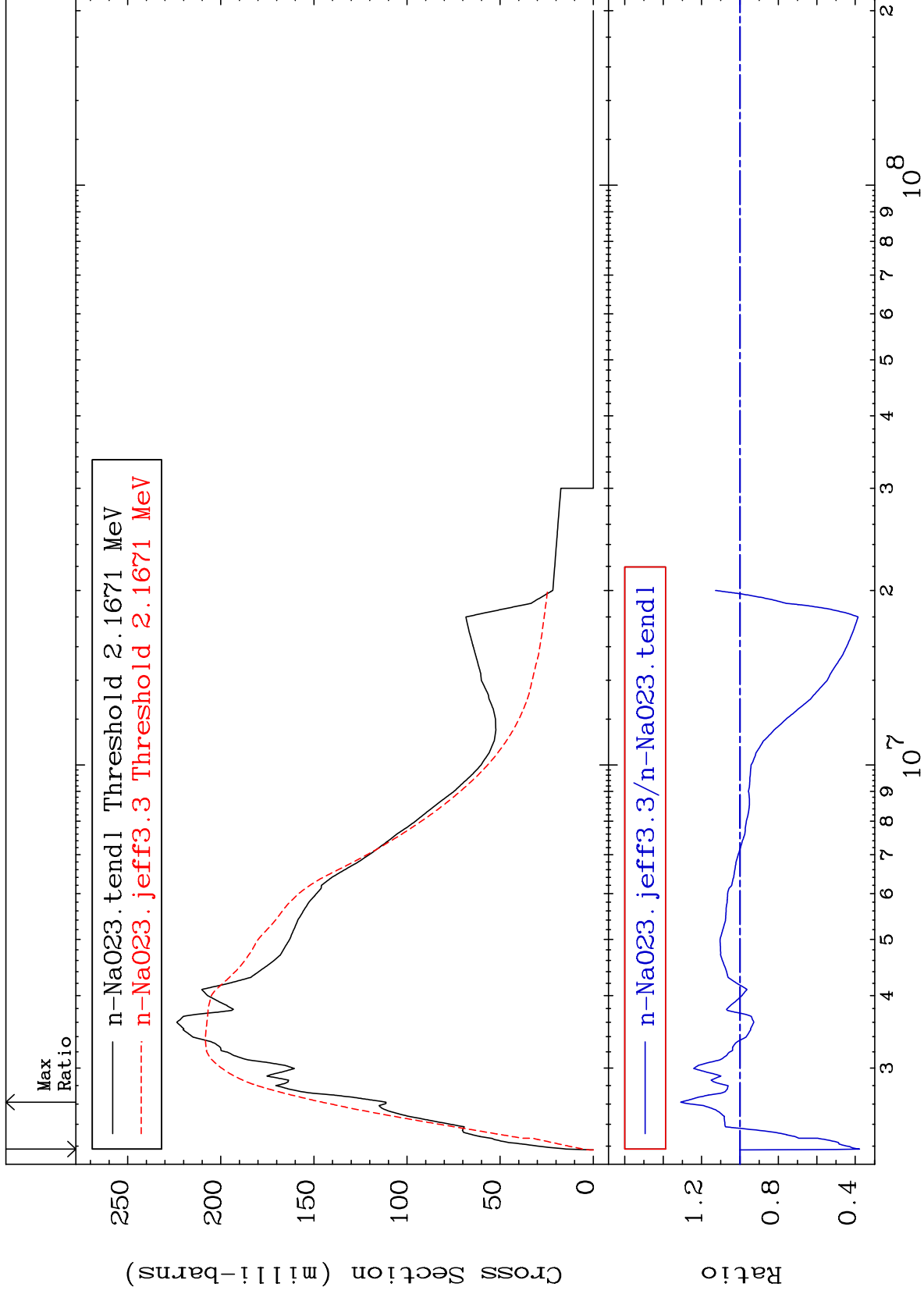
11-Na-23  
-93.84 To 593.3 %



MAT 1125

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

11-Na-23  
-62.25 To 30.83 %

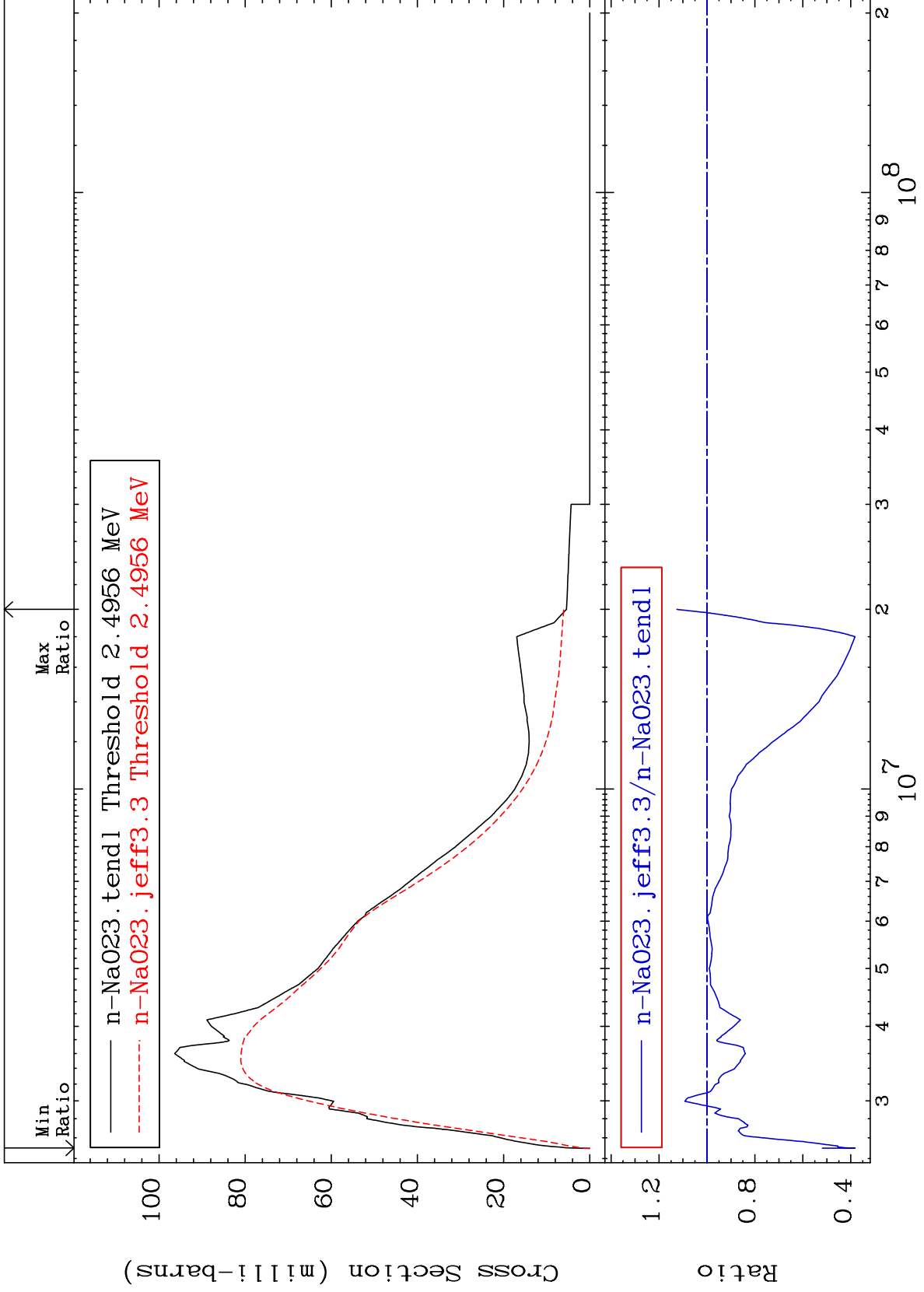




MAT 1125

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

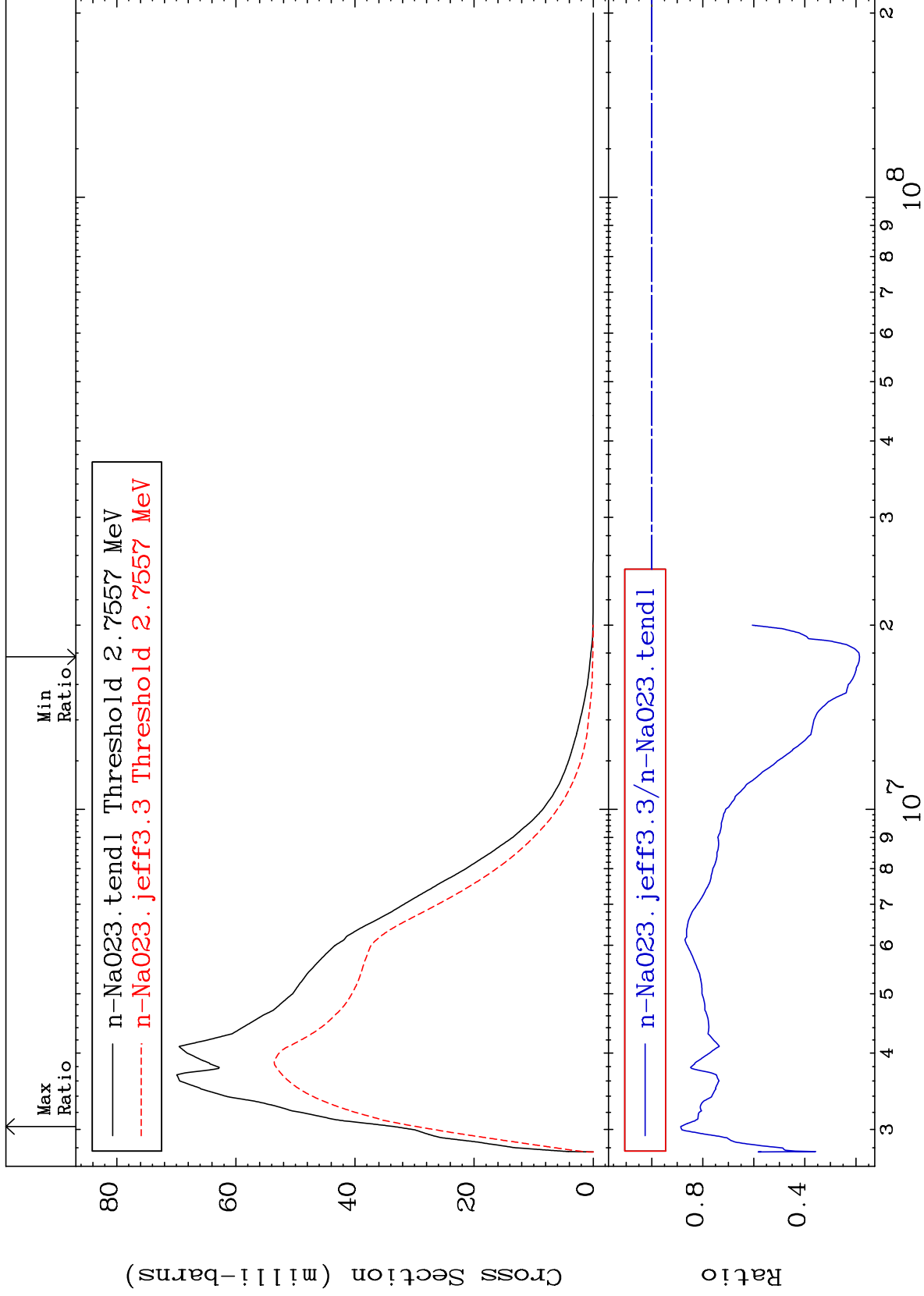
11-Na-23  
-61.78 To 12.52 %



MAT 1125

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

11-Na-23  
-81.41 To -11.38%



10

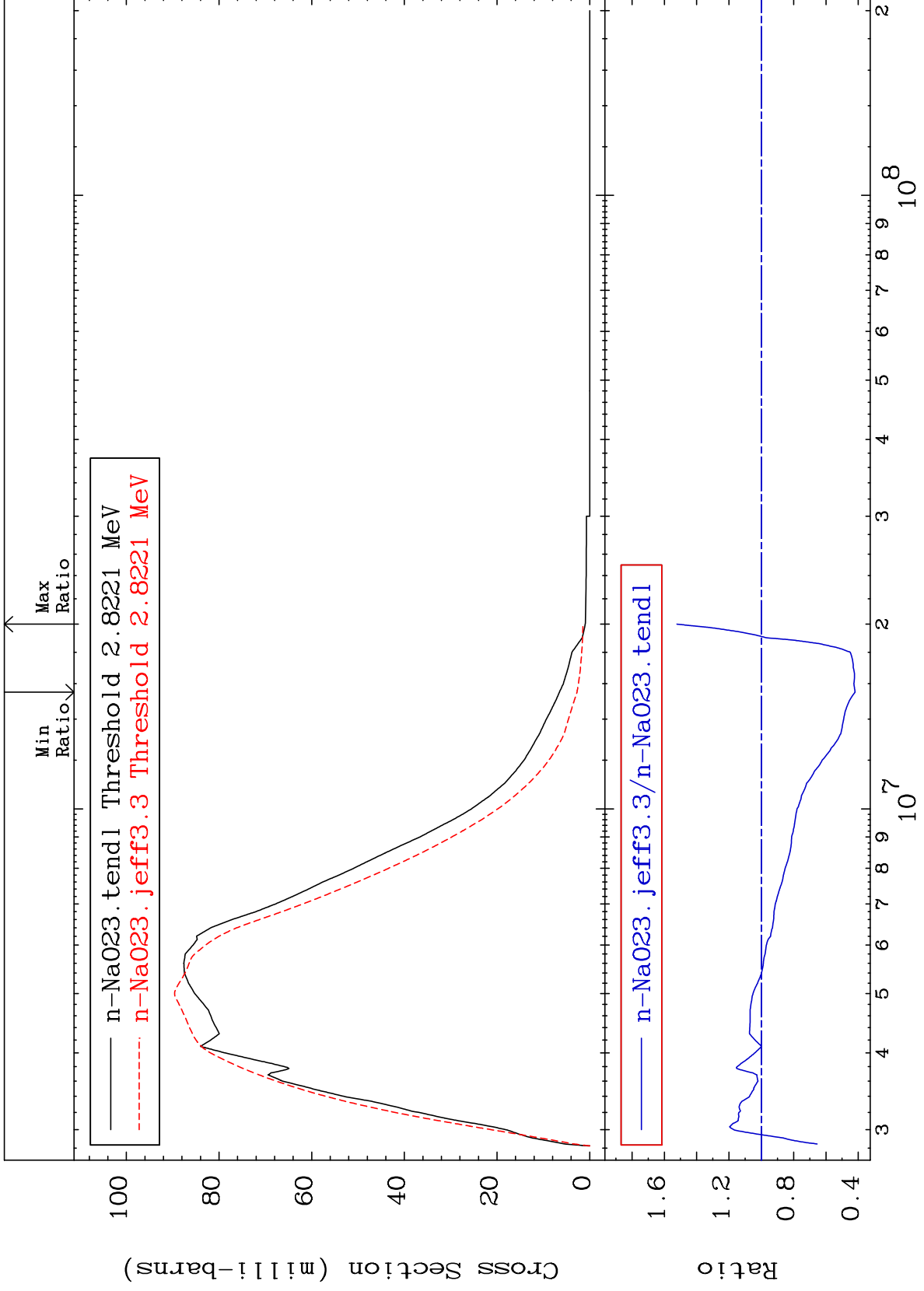
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23  
-58.04 To 52.21 %



11

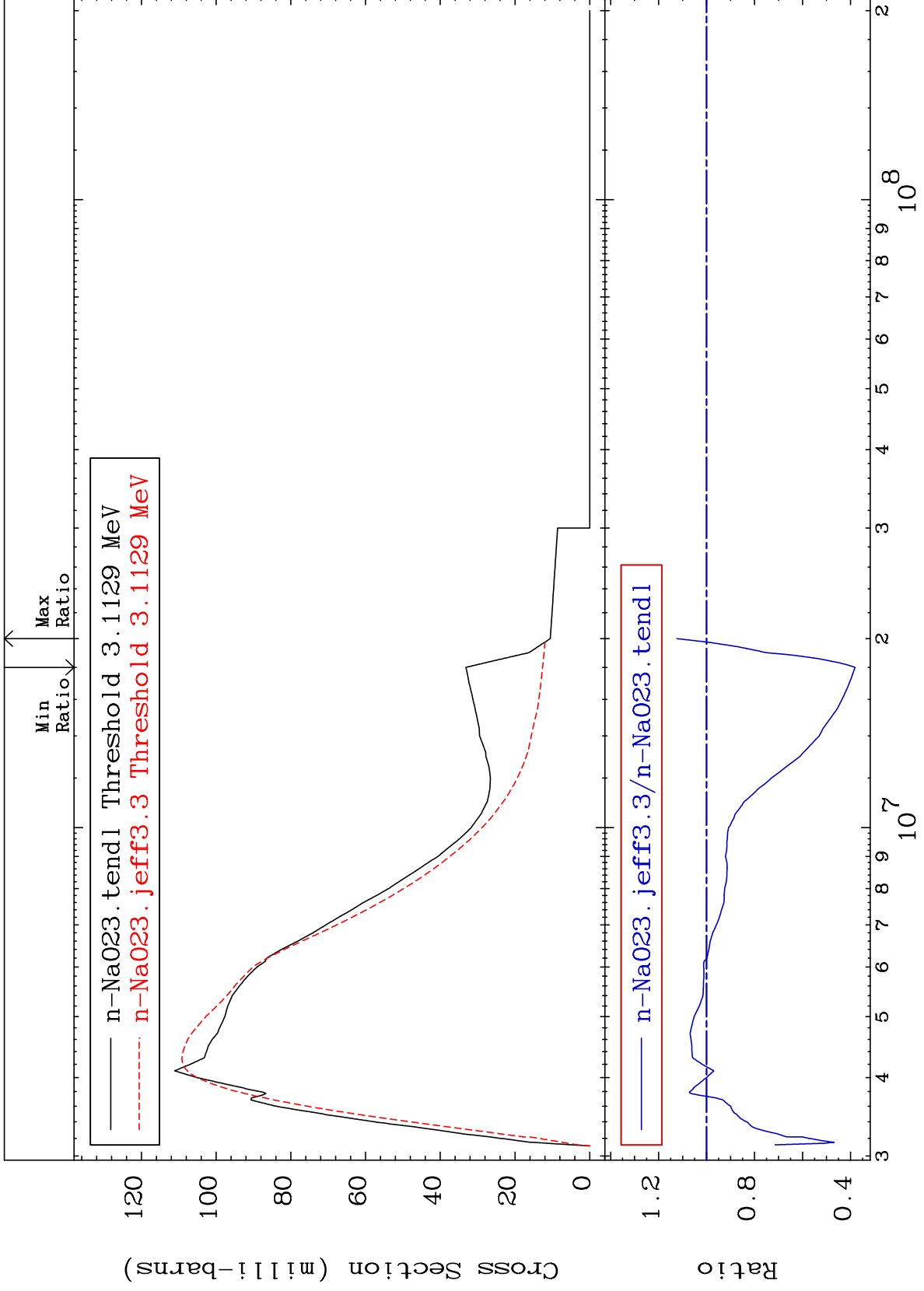
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23  
-61.90 To 12.37 %



12

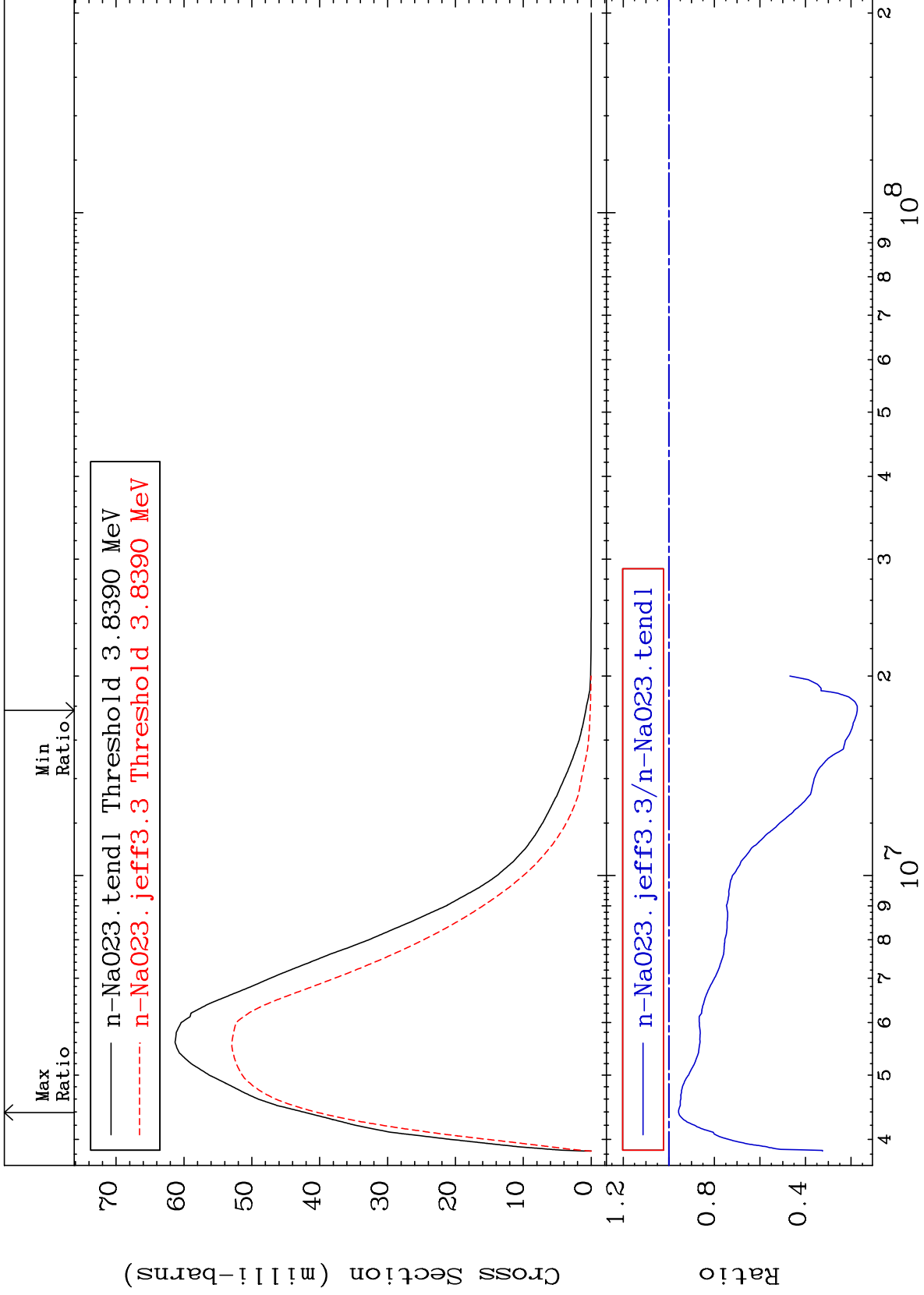
Incident Energy (eV)

11-Na-23

MAT 1125

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

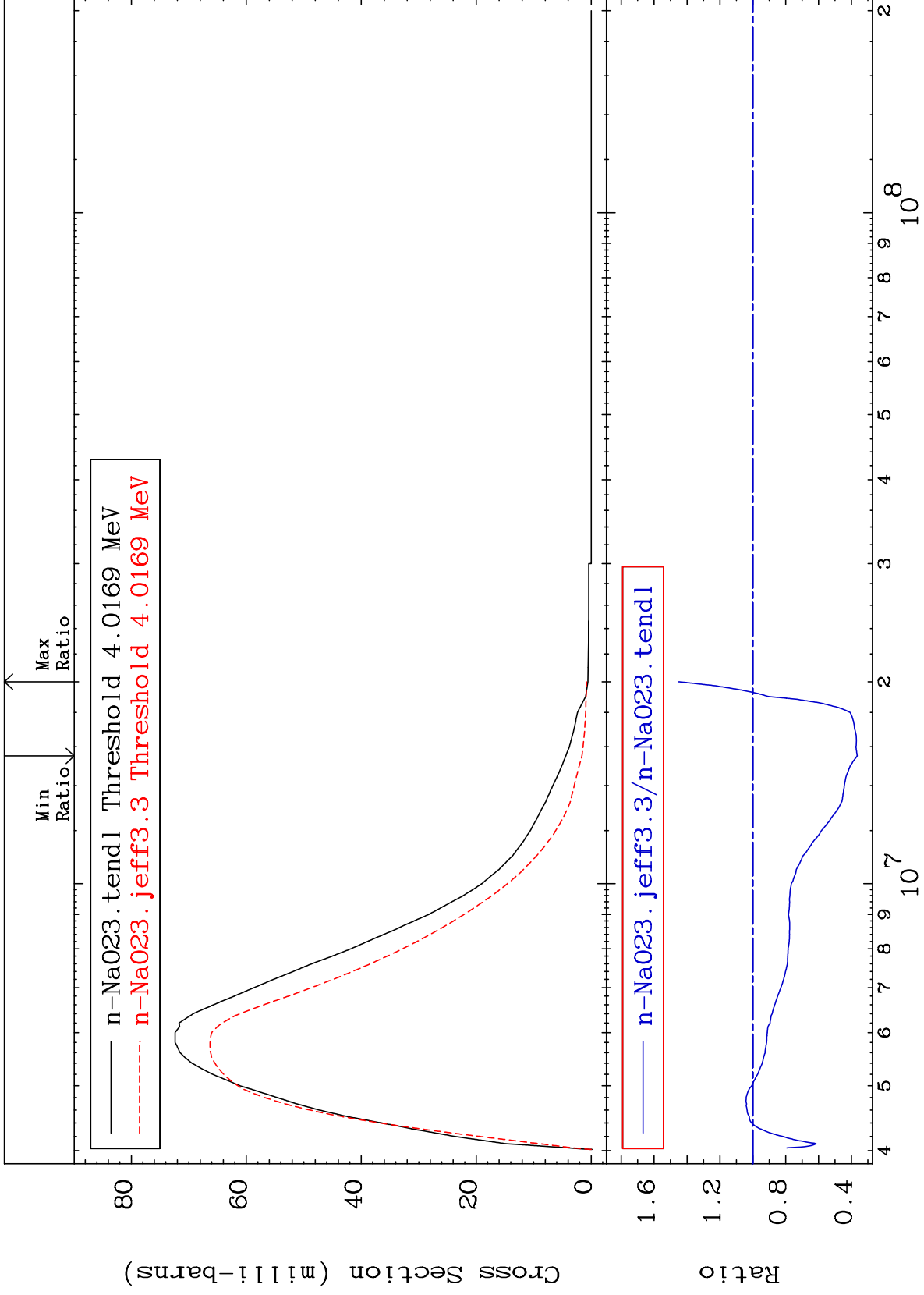
11-Na-23  
-82.71 To -4.334%



MAT 1125

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

11-Na-23  
-63.51 To 45.10 %



14

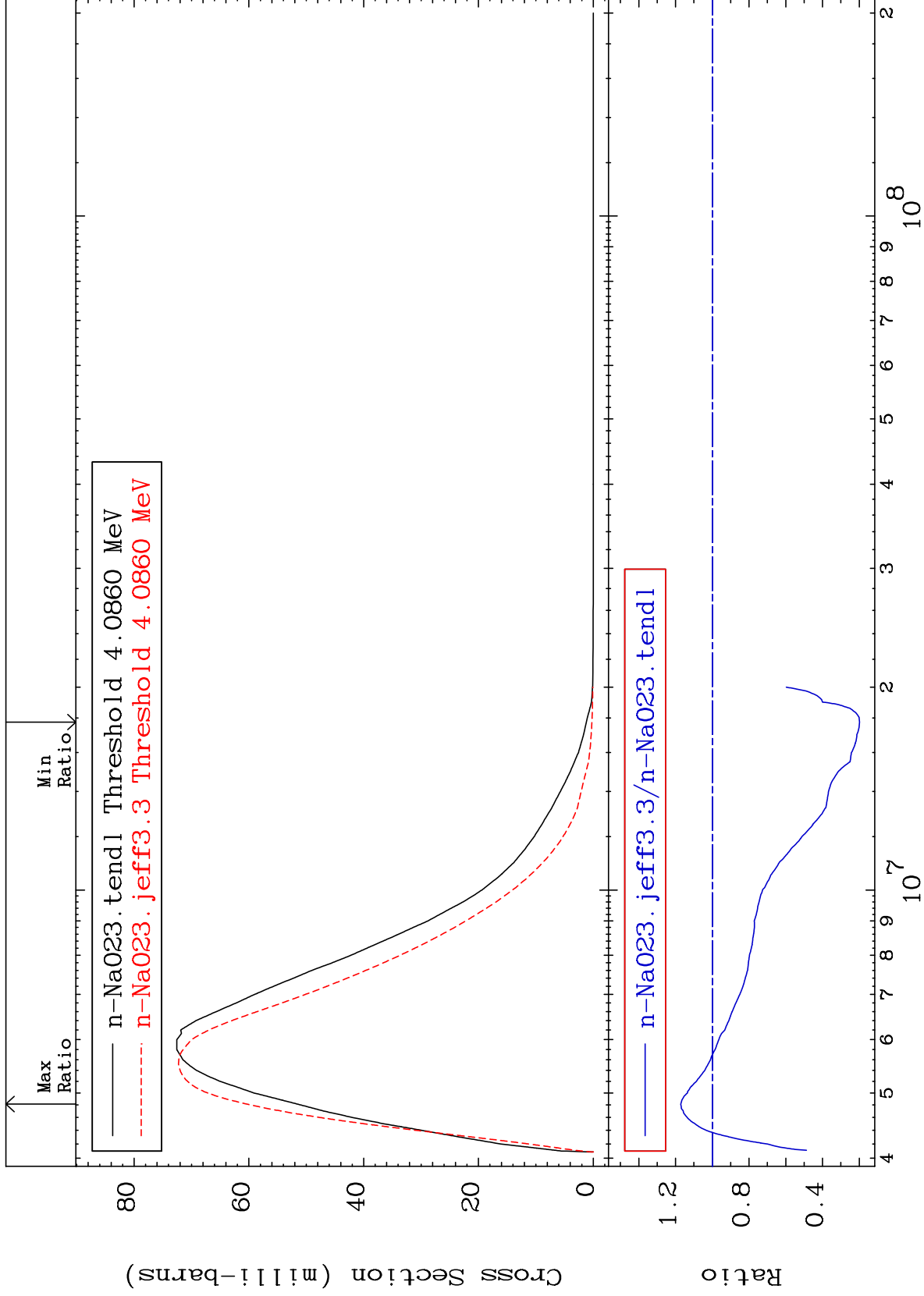
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23  
-80.16 To 17.16 %



15

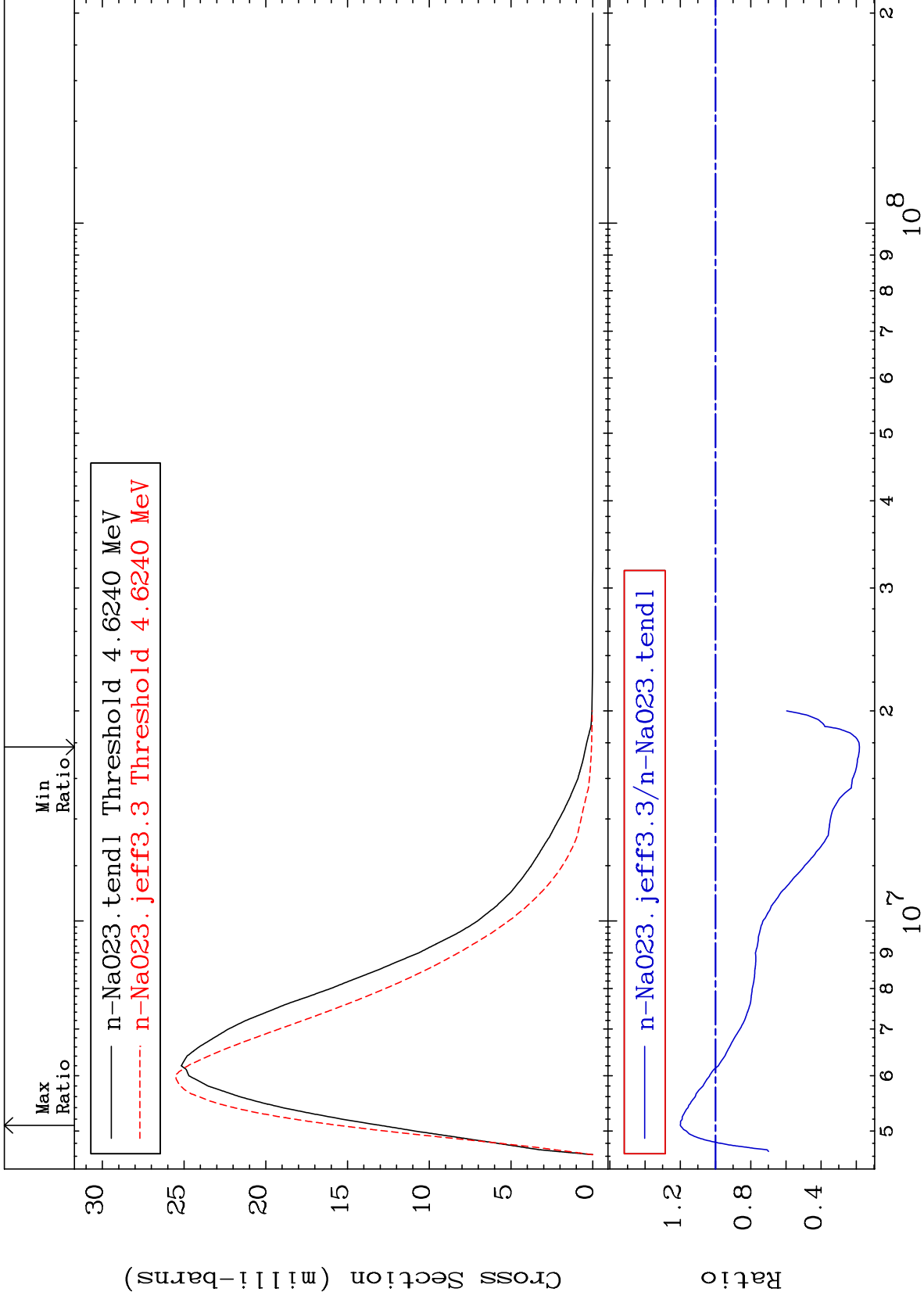
11-Na-23

11-Na-23

MAT 1125

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

11-Na-23  
-81.75 To 19.96 %



16

Incident Energy (eV)

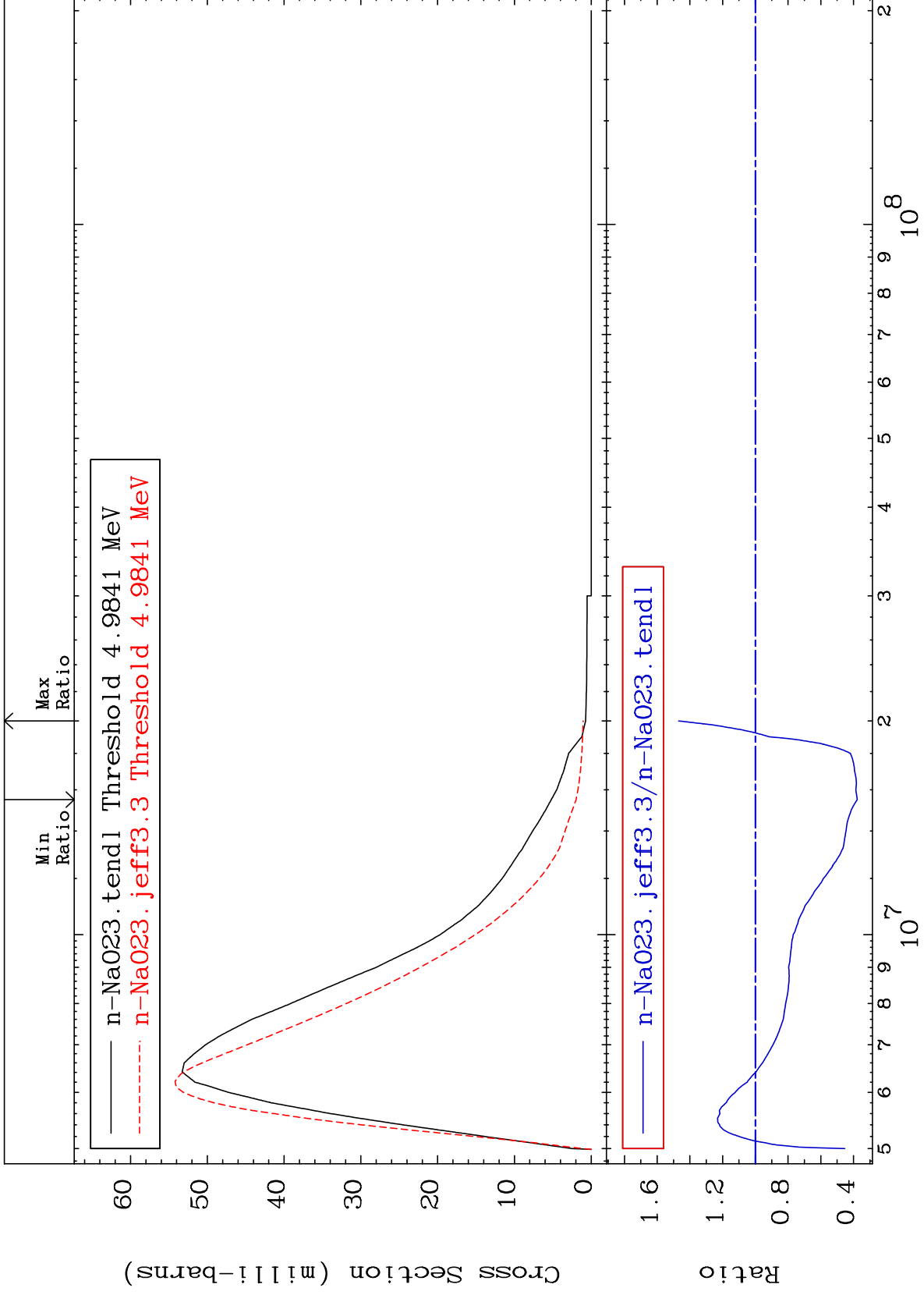
11-Na-23



MAT 1125

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

11-Na-23  
-62.27 To 46.88 %



17

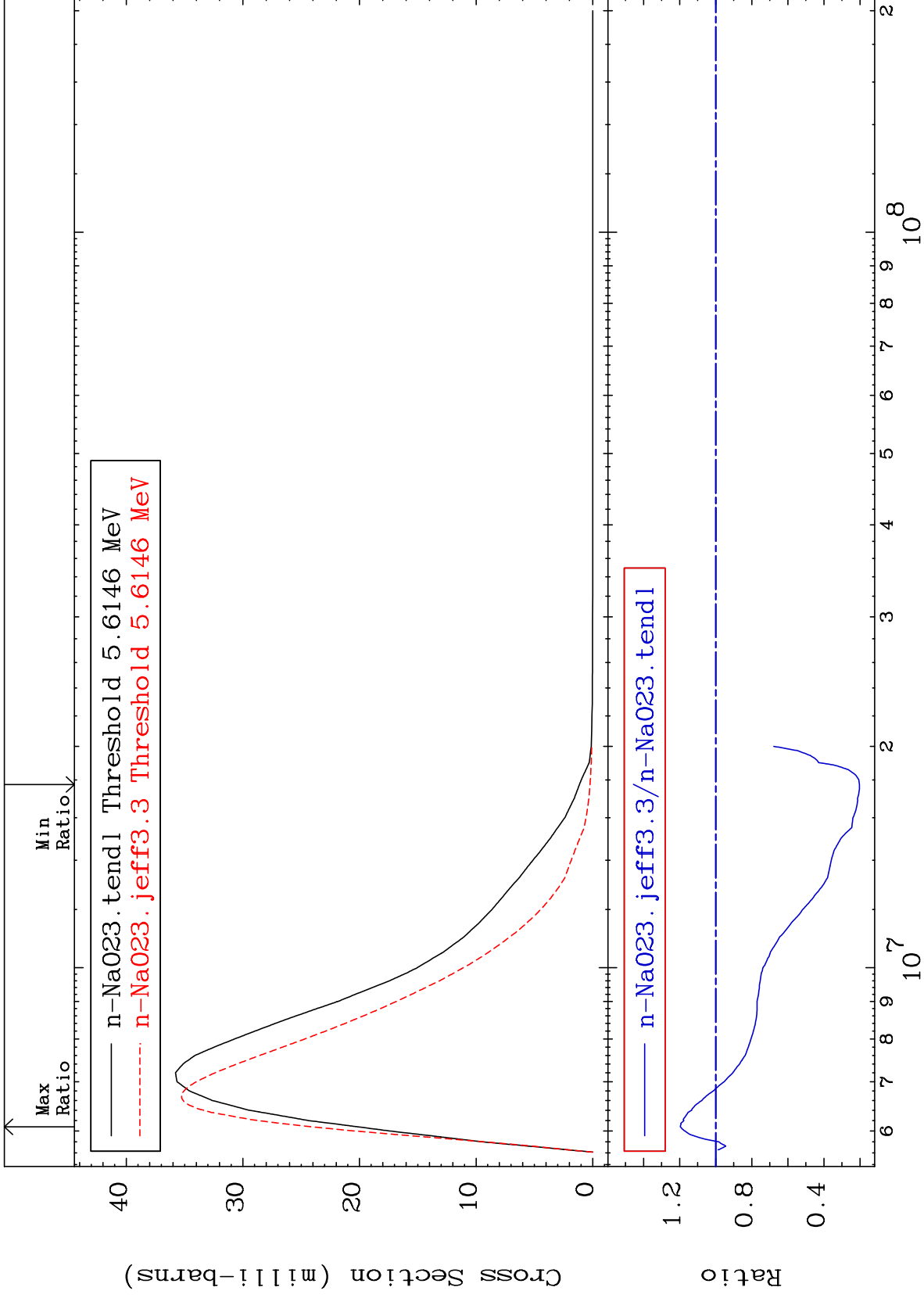
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23  
-79.71 To 19.59 %



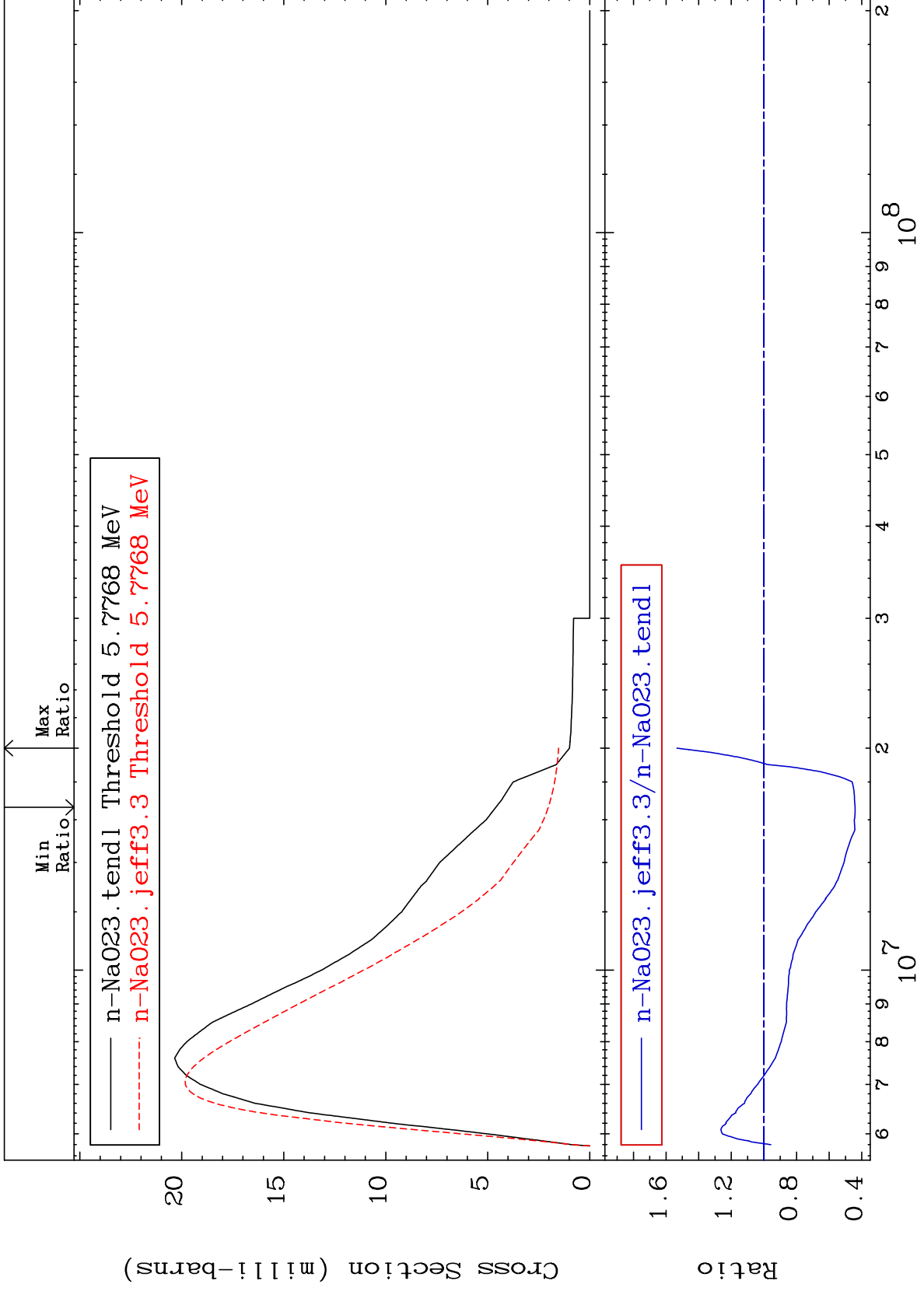
18

11-Na-23

MAT 1125

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

11-Na-23  
-55.91 To 53.34 %



19

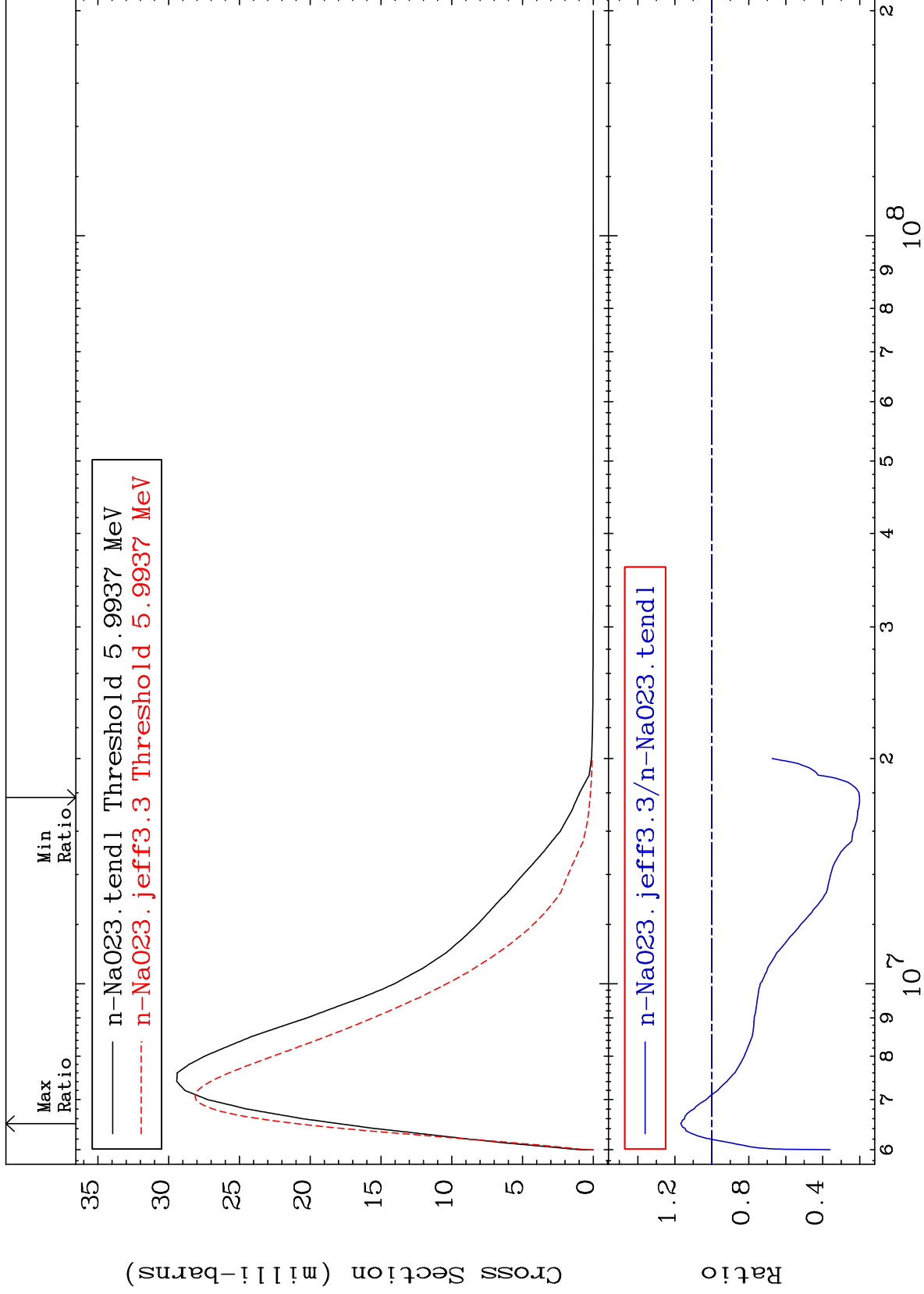
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23  
-79.91 To 16.78 %



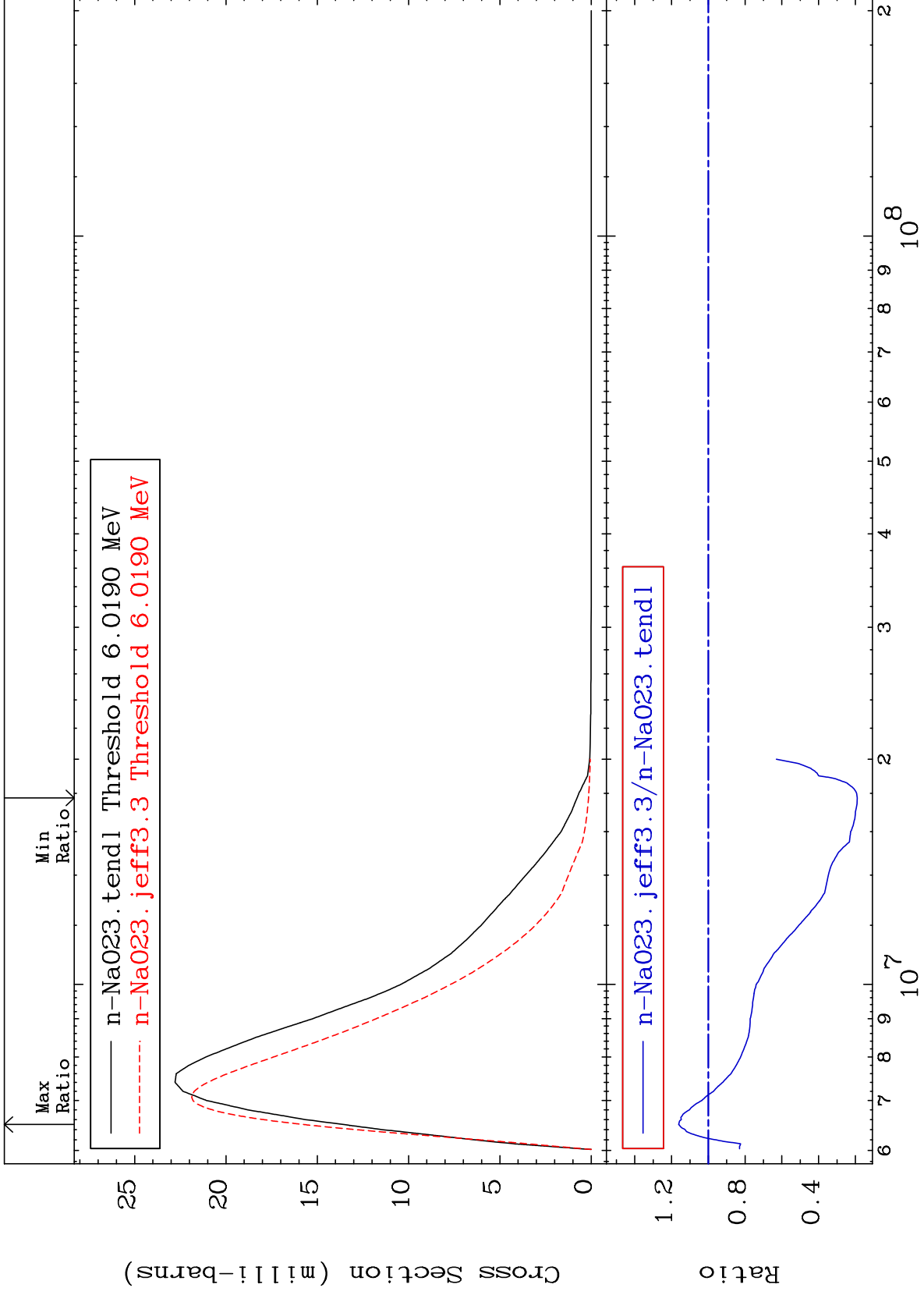
20

11-Na-23

MAT 1125

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

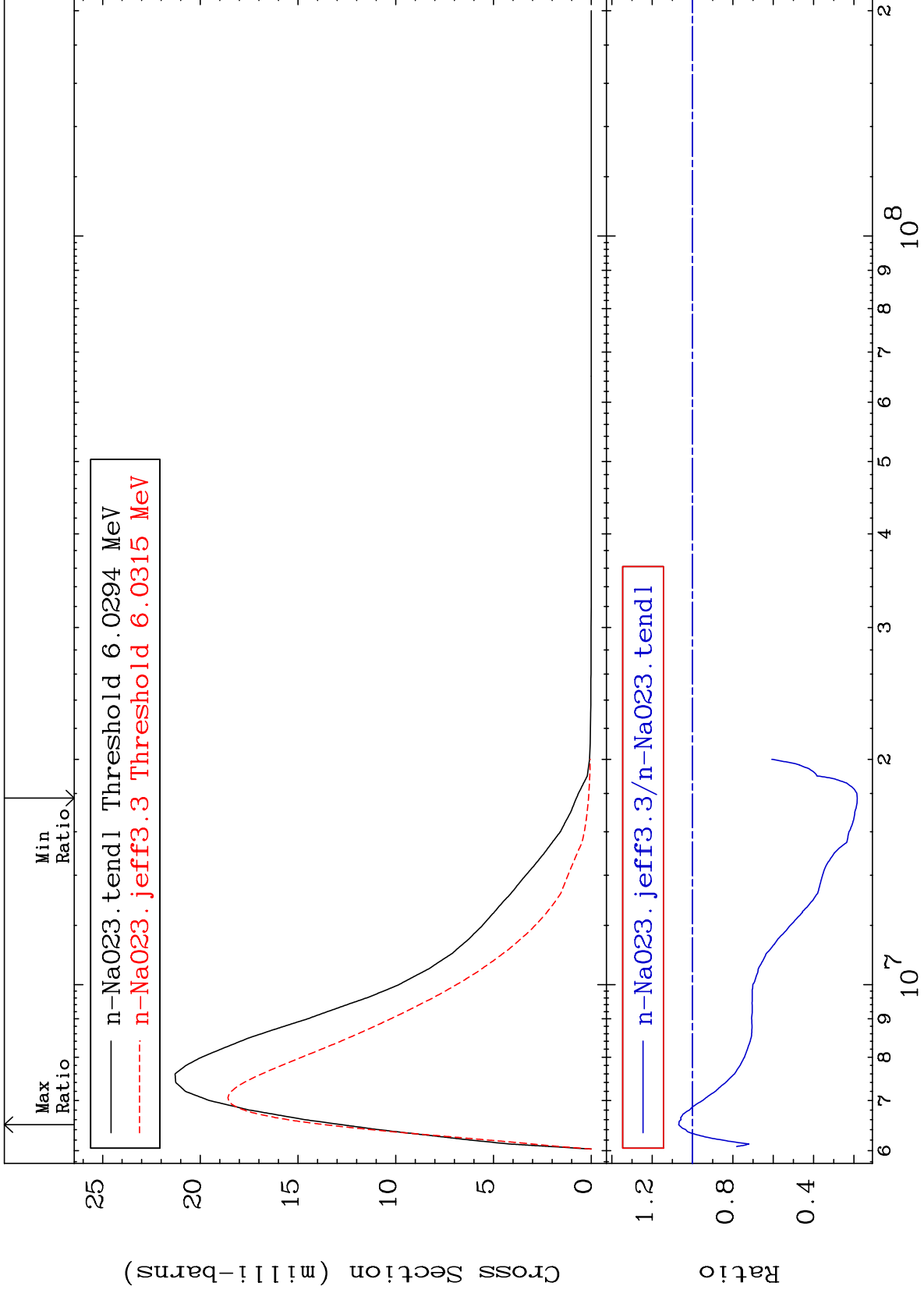
11-Na-23  
-81.01 To 16.14 %



MAT 1125

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

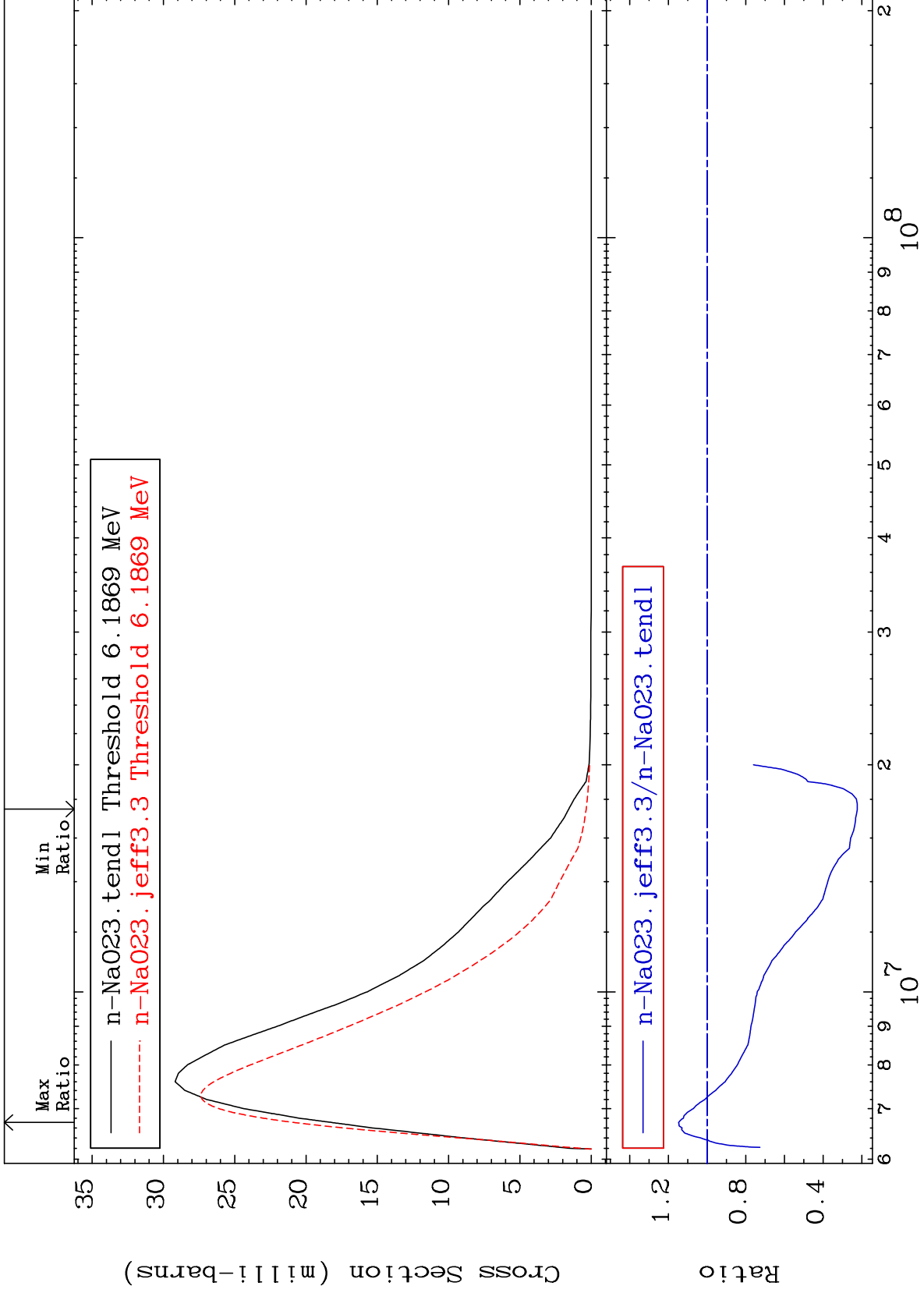
11-Na-23  
-81.68 To 6.878 %



MAT 1125

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

11-Na-23  
-77.64 To 14.69 %



23

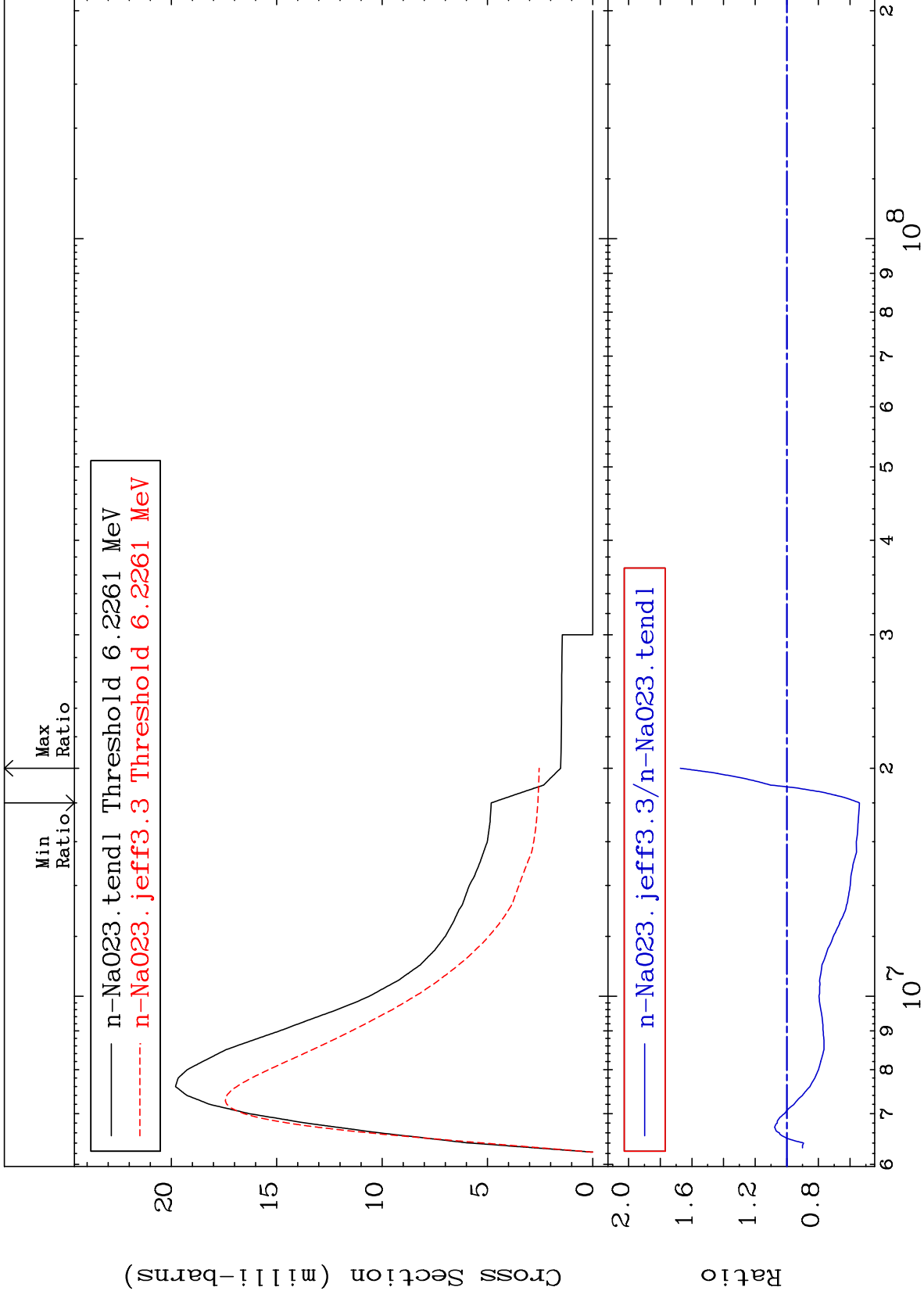
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23  
-45.94 To 67.31 %



24

Incident Energy (eV)

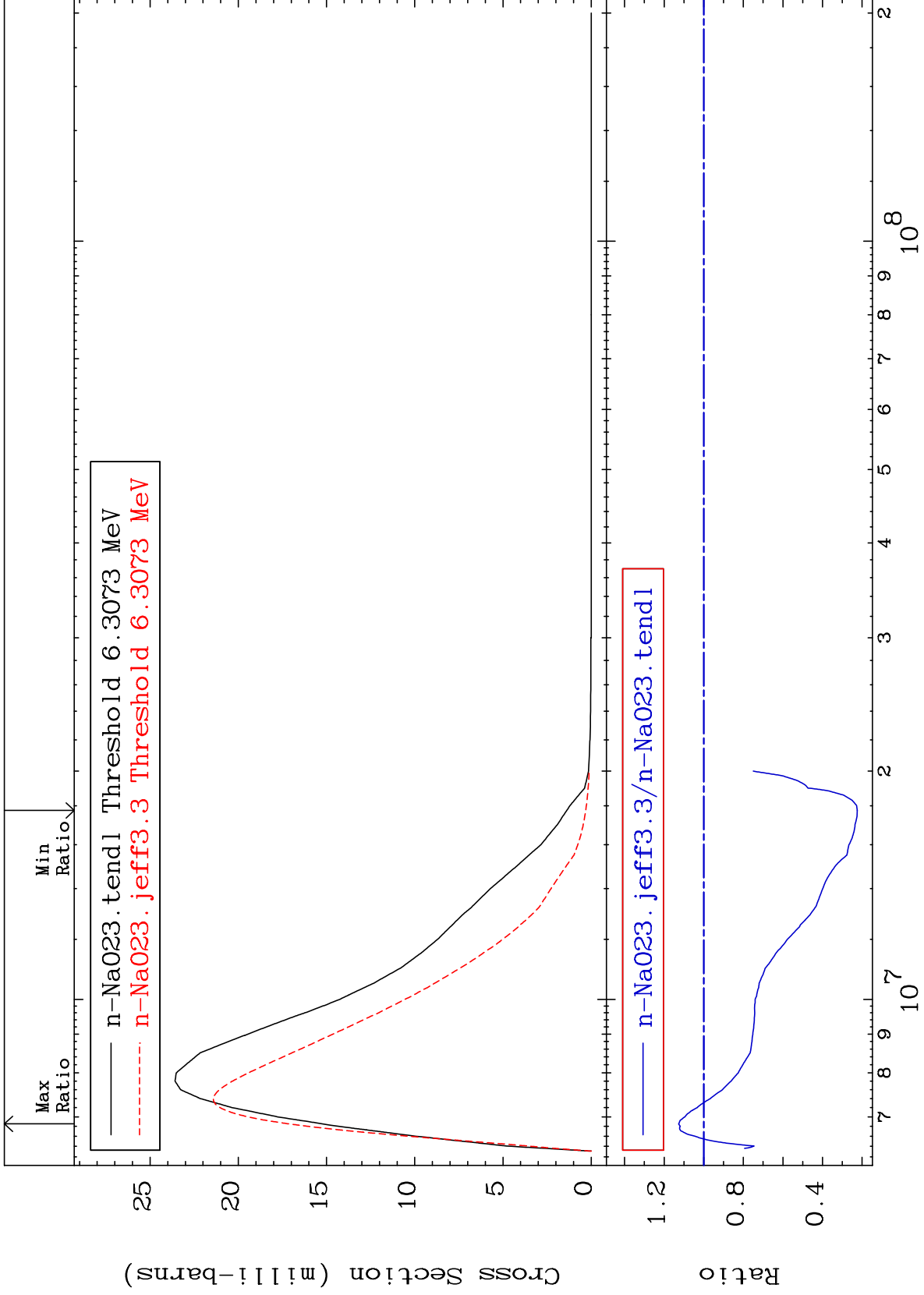
11-Na-23



MAT 1125

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

11-Na-23  
-77.57 To 12.68 %



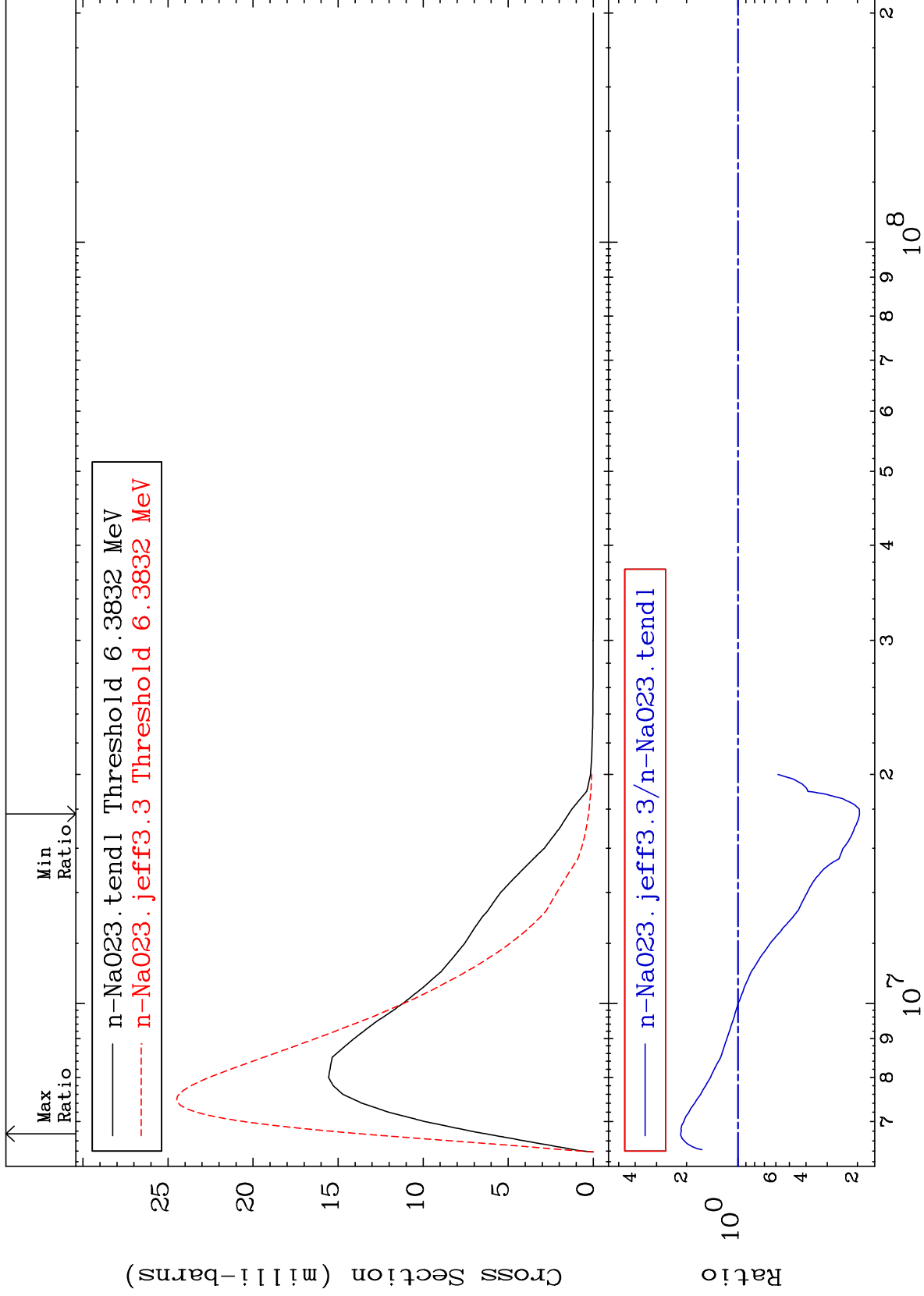
25

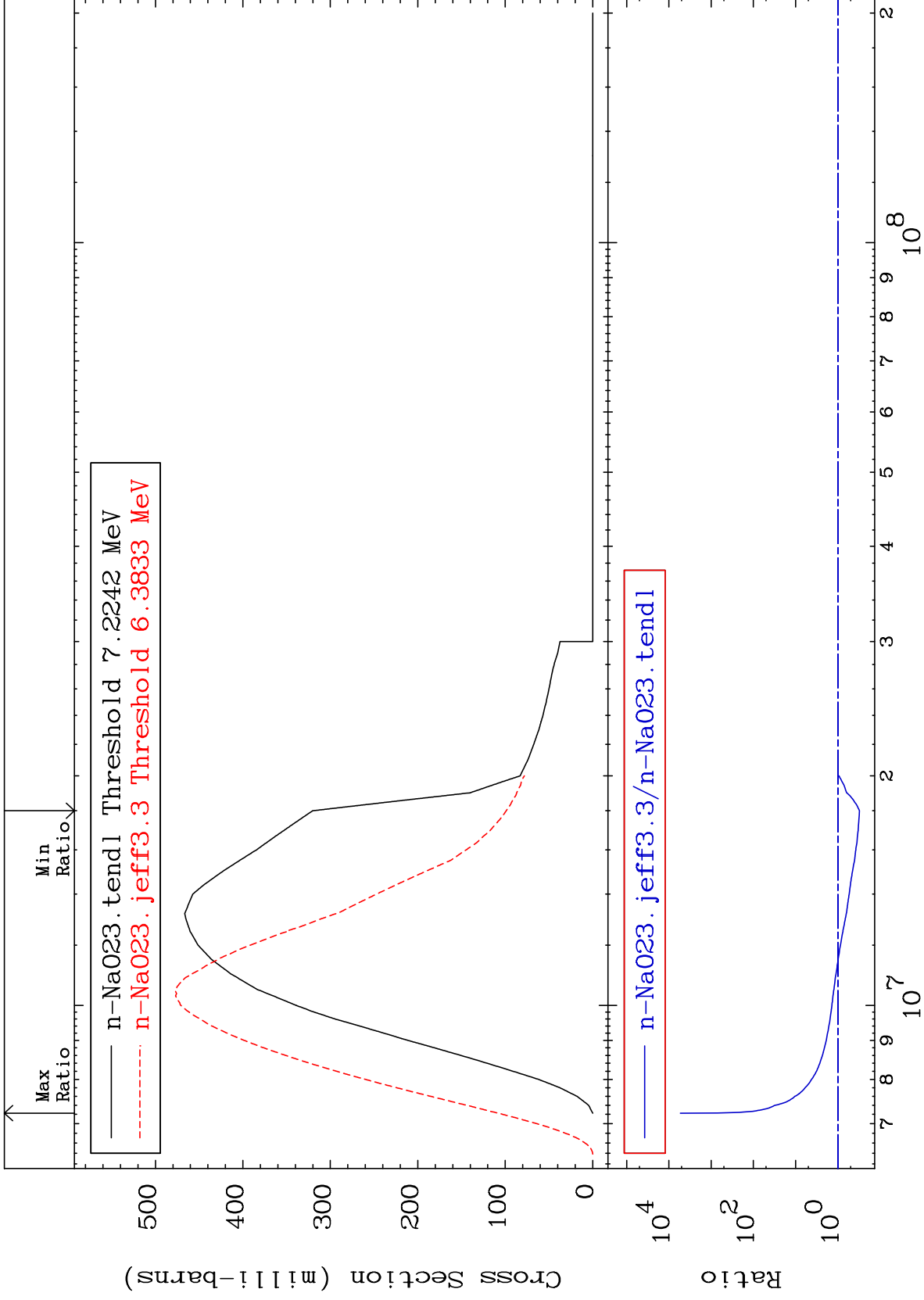
11-Na-23

MAT 1125

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

11-Na-23  
-80.58 To 116.3 %

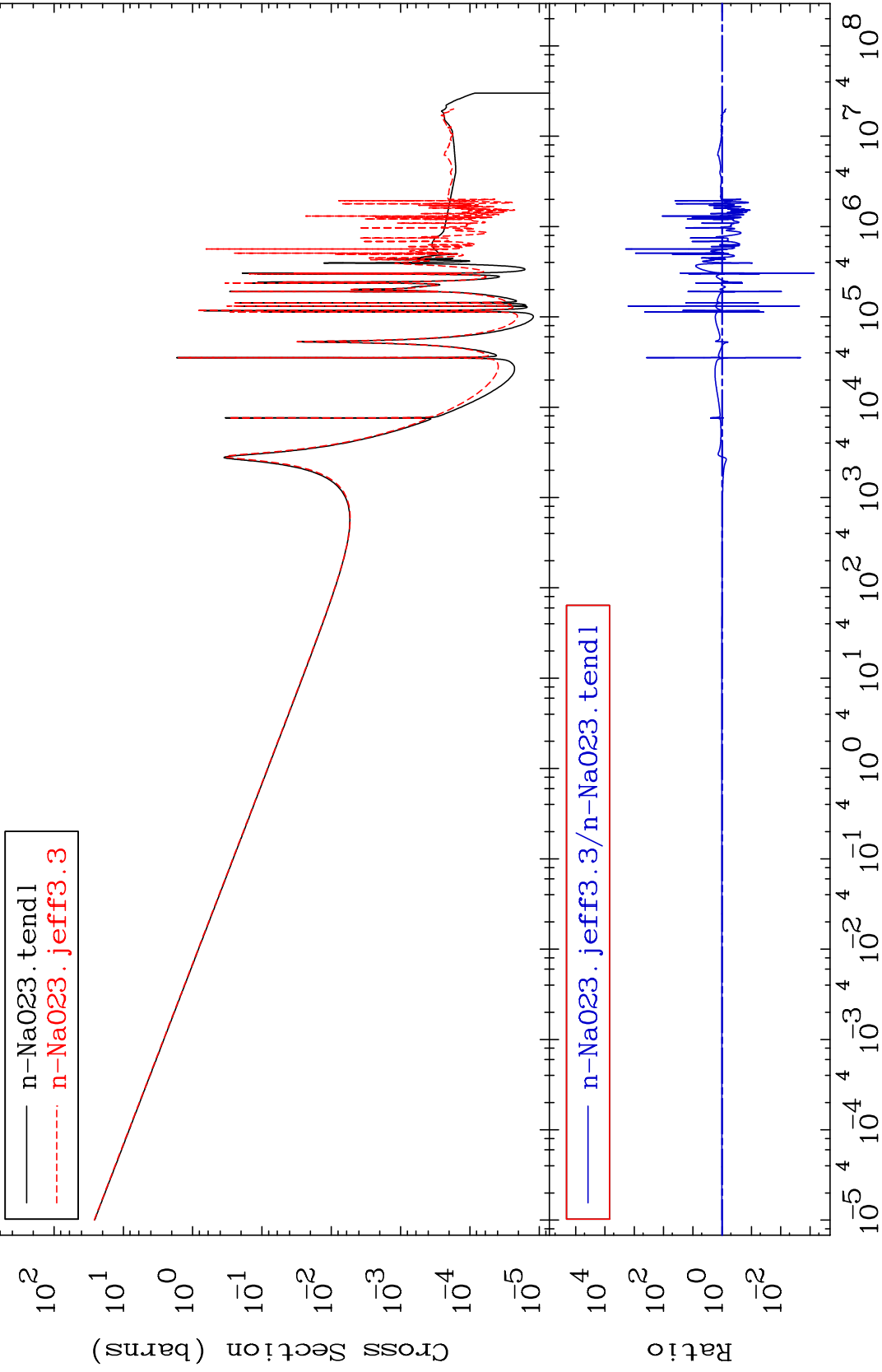




MAT 1125

(n,  $\gamma$ )  
Cross Section

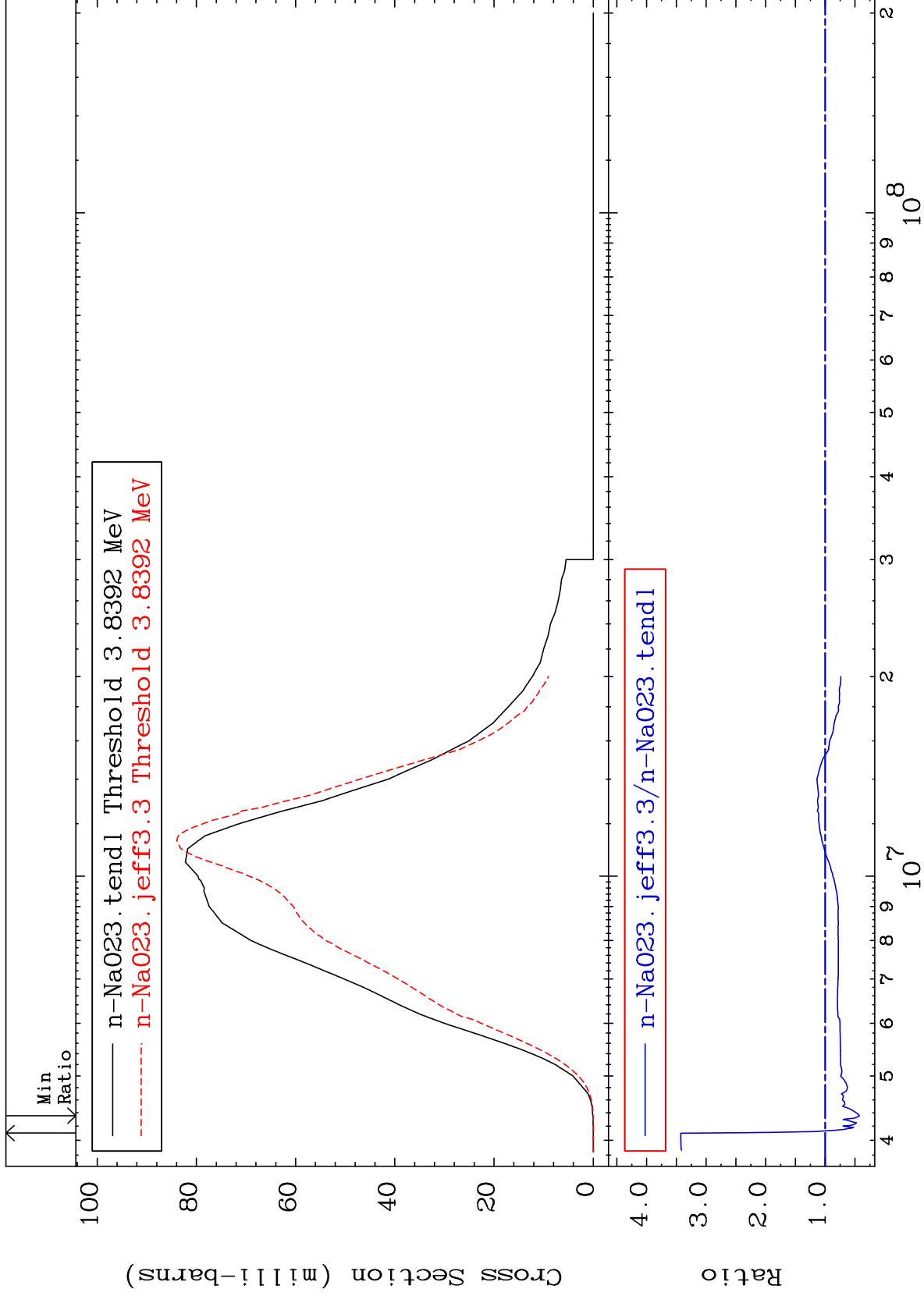
11-Na-23  
-99.93 To 9999. %



MAT 1125

(n,p)  
Cross Section

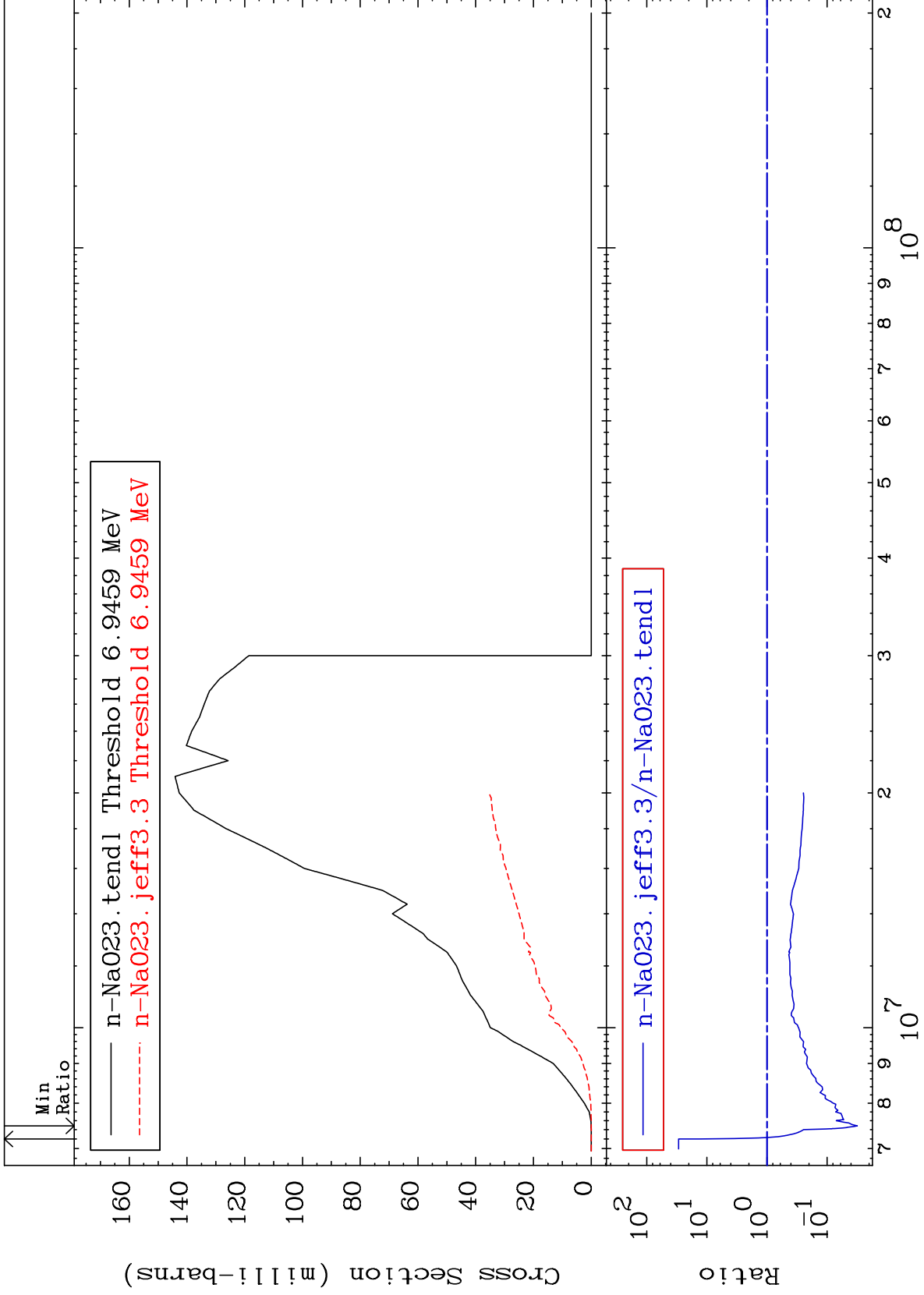
11-Na-23  
-57.69 To 242.7 %



MAT 1125

(n, d)  
Cross Section

11-Na-23  
-96.84 To 2854. %



30

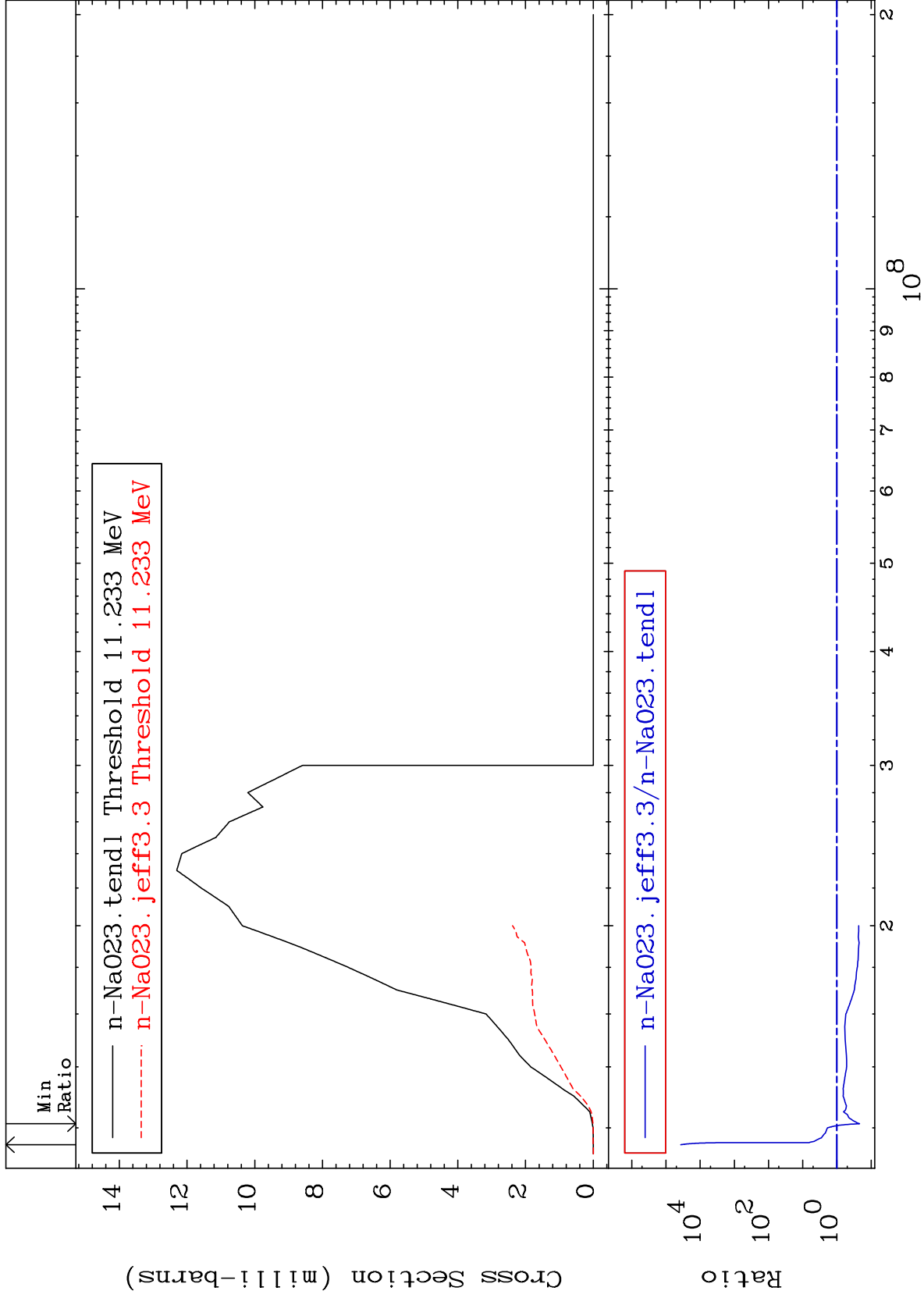
Incident Energy (eV)

11-Na-23

MAT 1125

(n, t)  
Cross Section

11-Na-23  
-78.19 To 9999. %



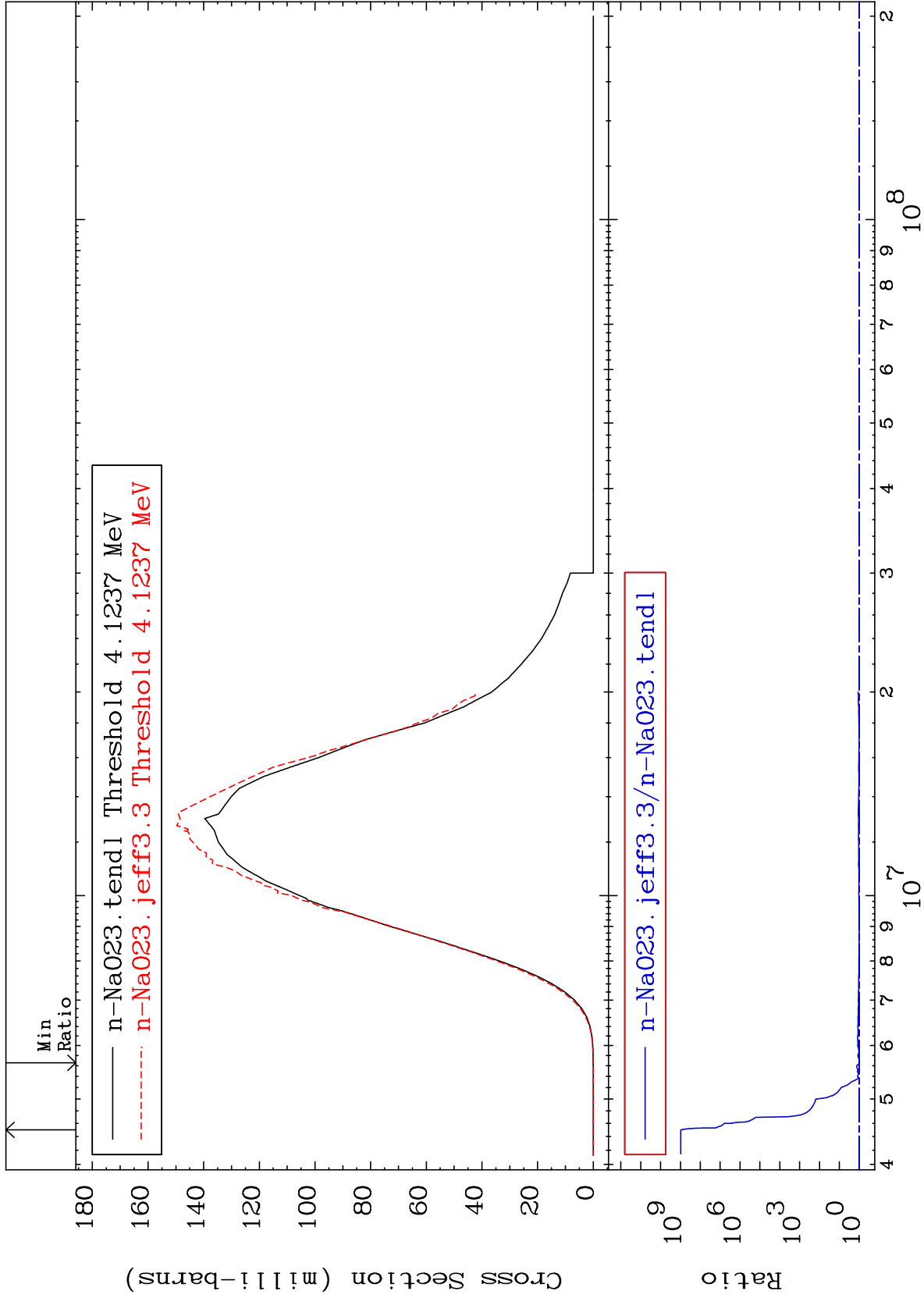
MAT 1125

(n,  $\alpha$ )

11-Na-23

Cross Section

-4.040 To 9999. %



32

Incident Energy (eV)

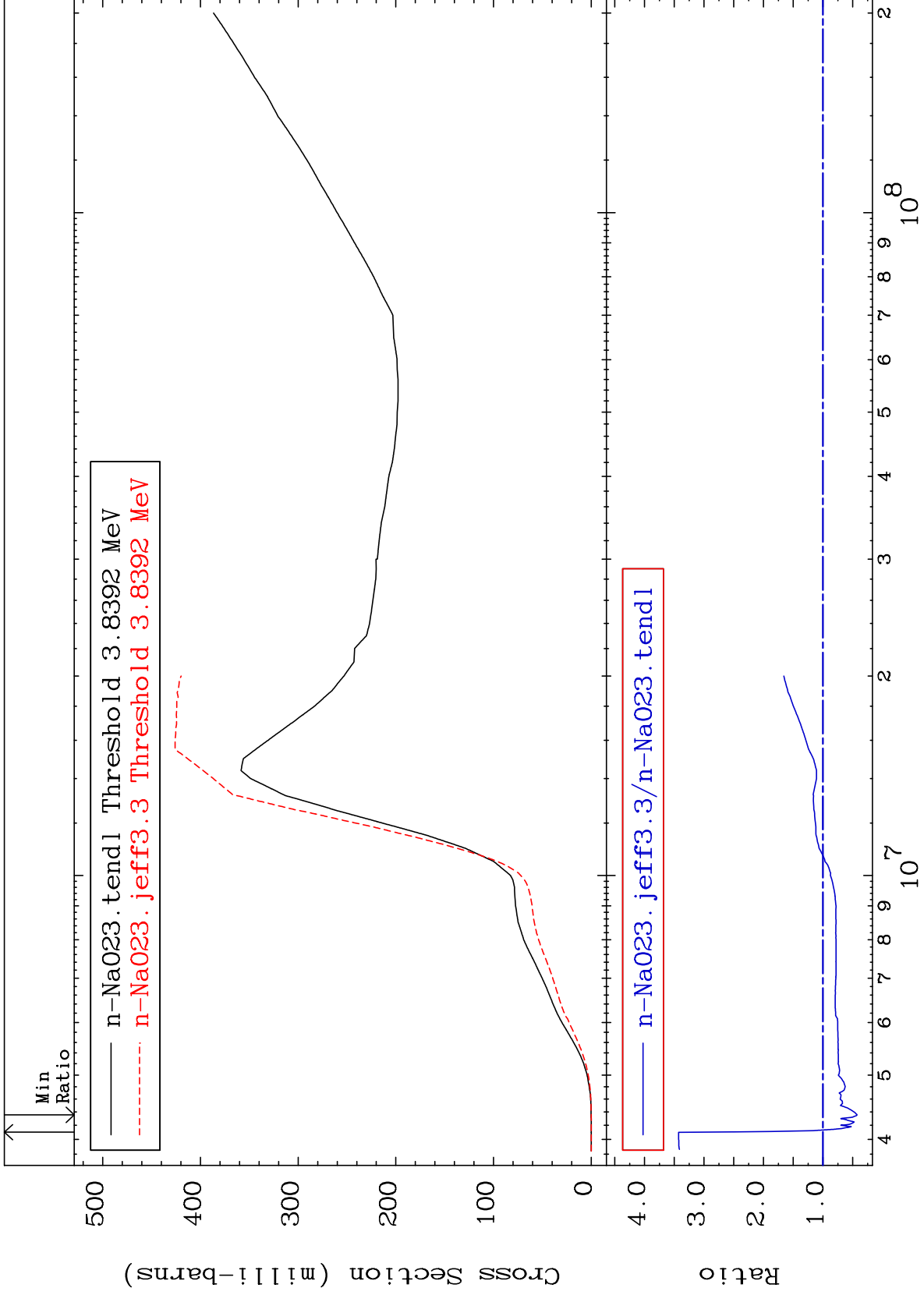
11-Na-23



MAT 1125

Hydrogen Production  
Cross Section

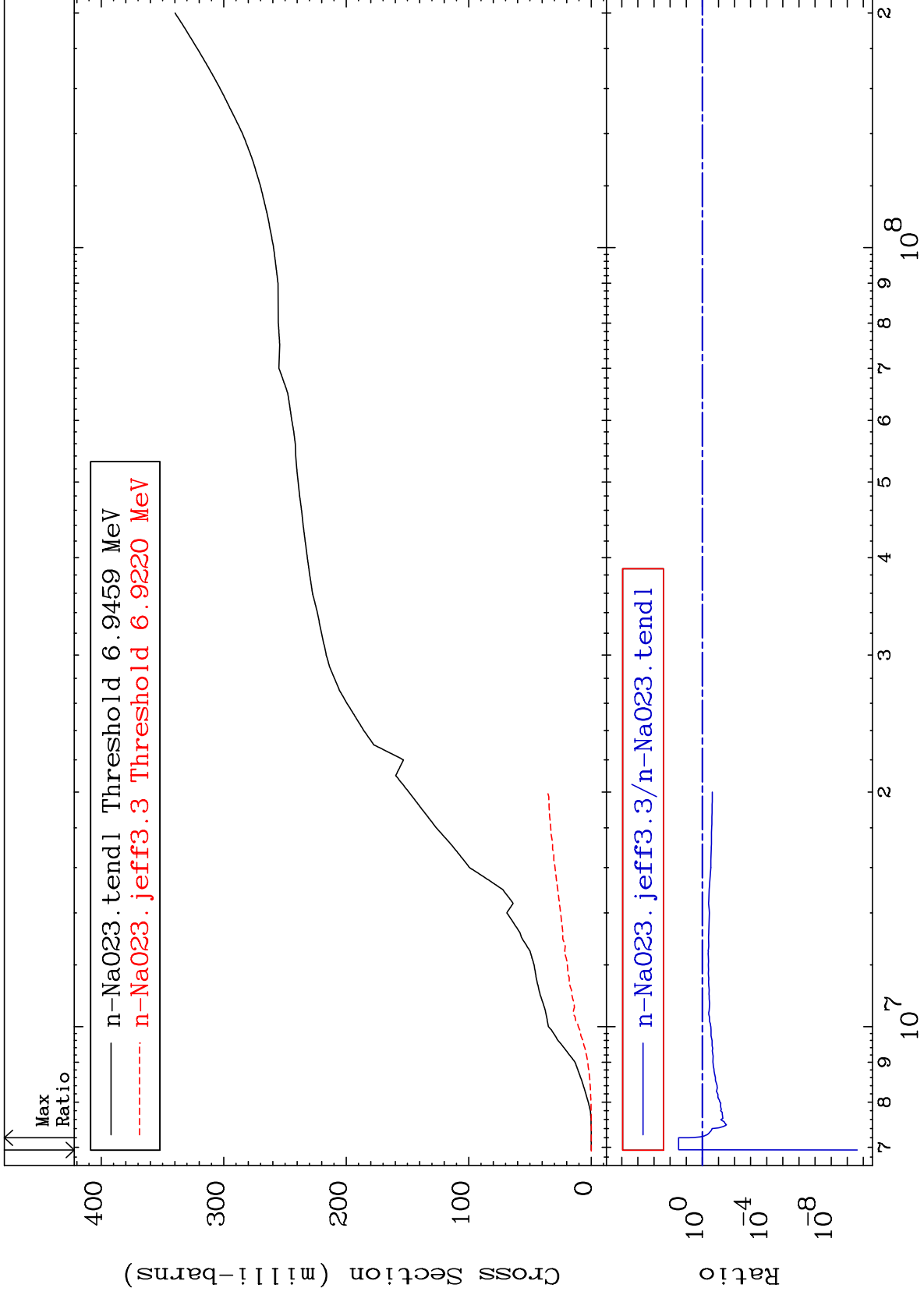
11-Na-23  
-57.69 To 242.7 %

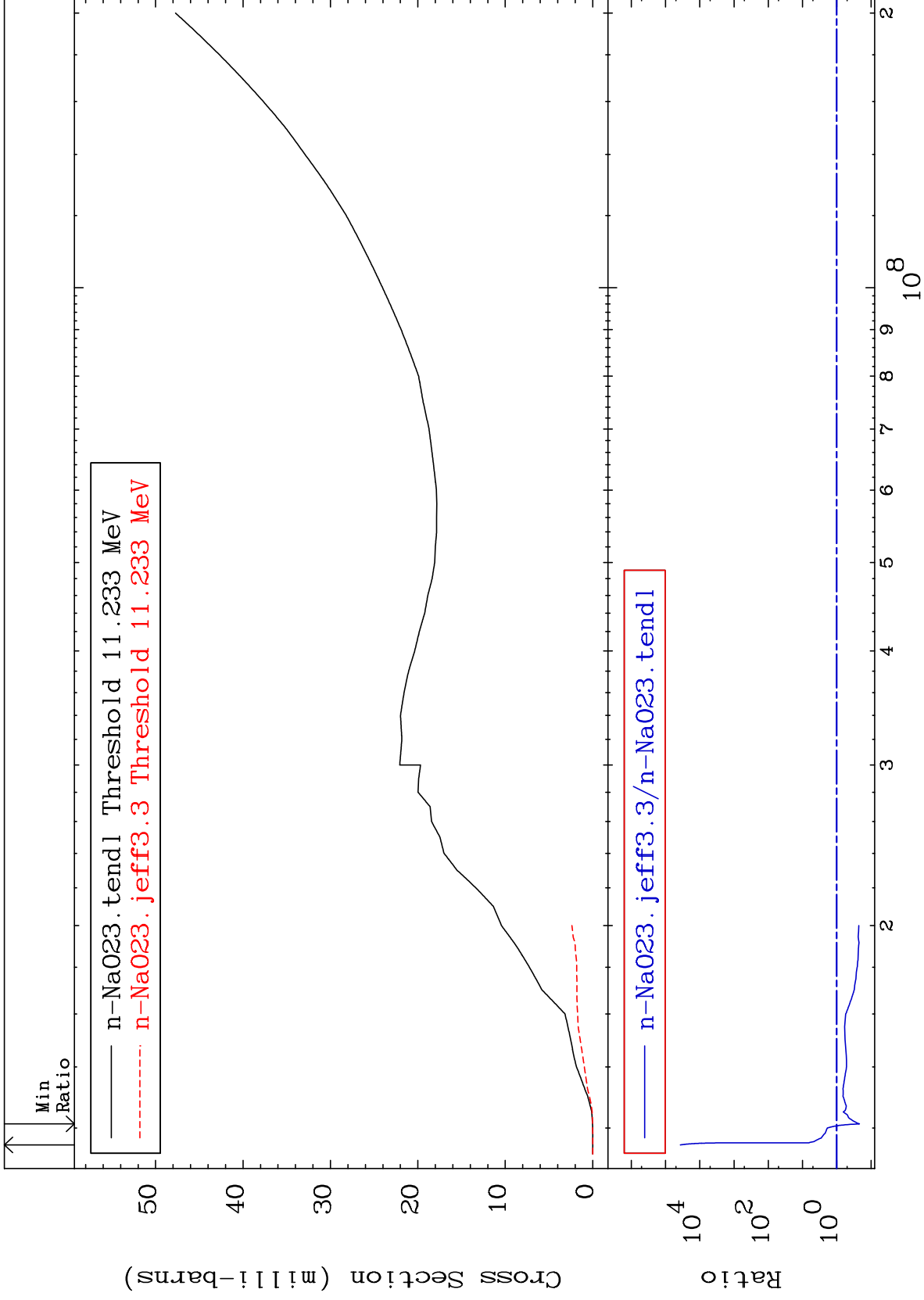


MAT 1125

Deuterium Production  
Cross Section

11-Na-23  
-100.0 To 2854. %

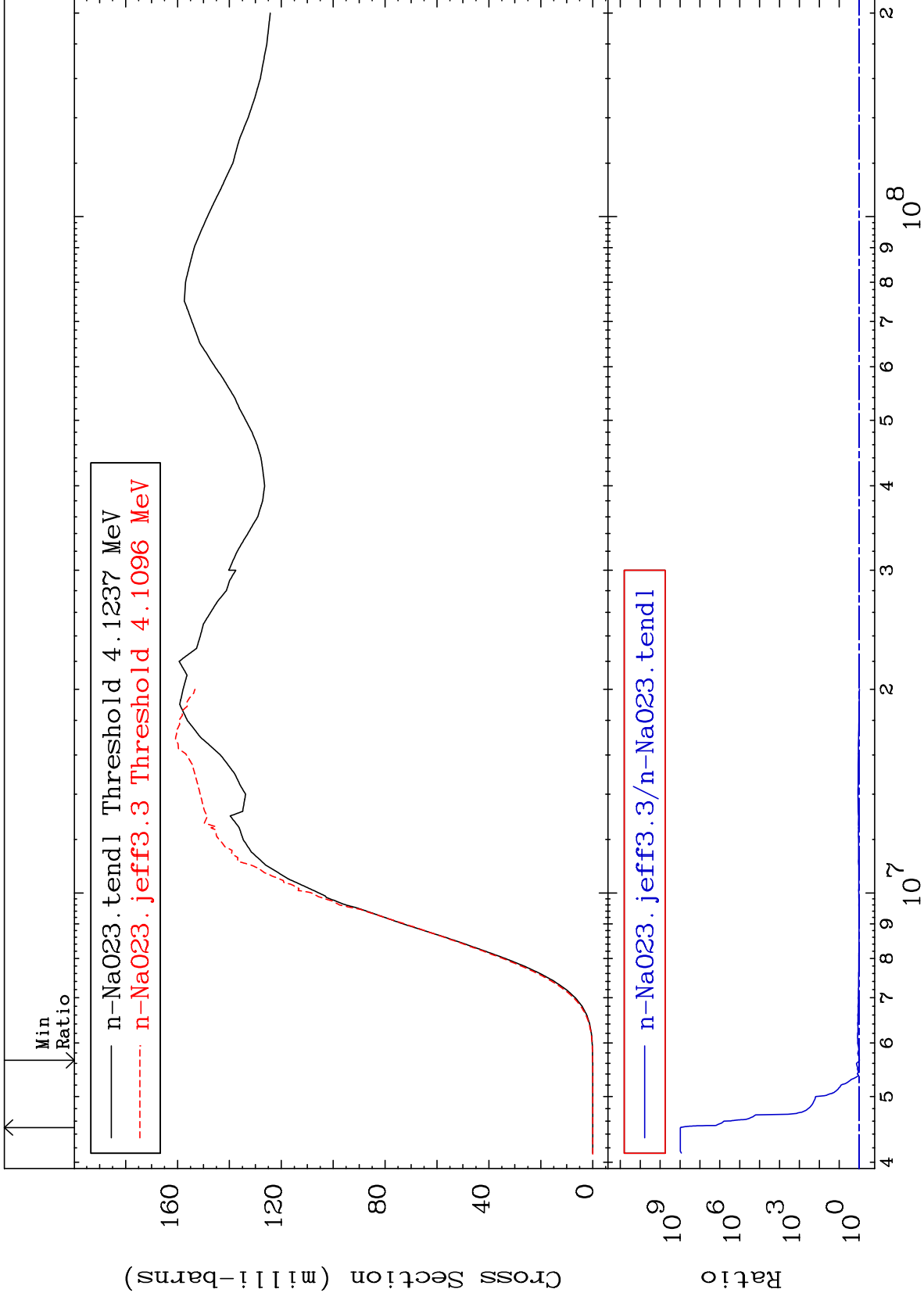


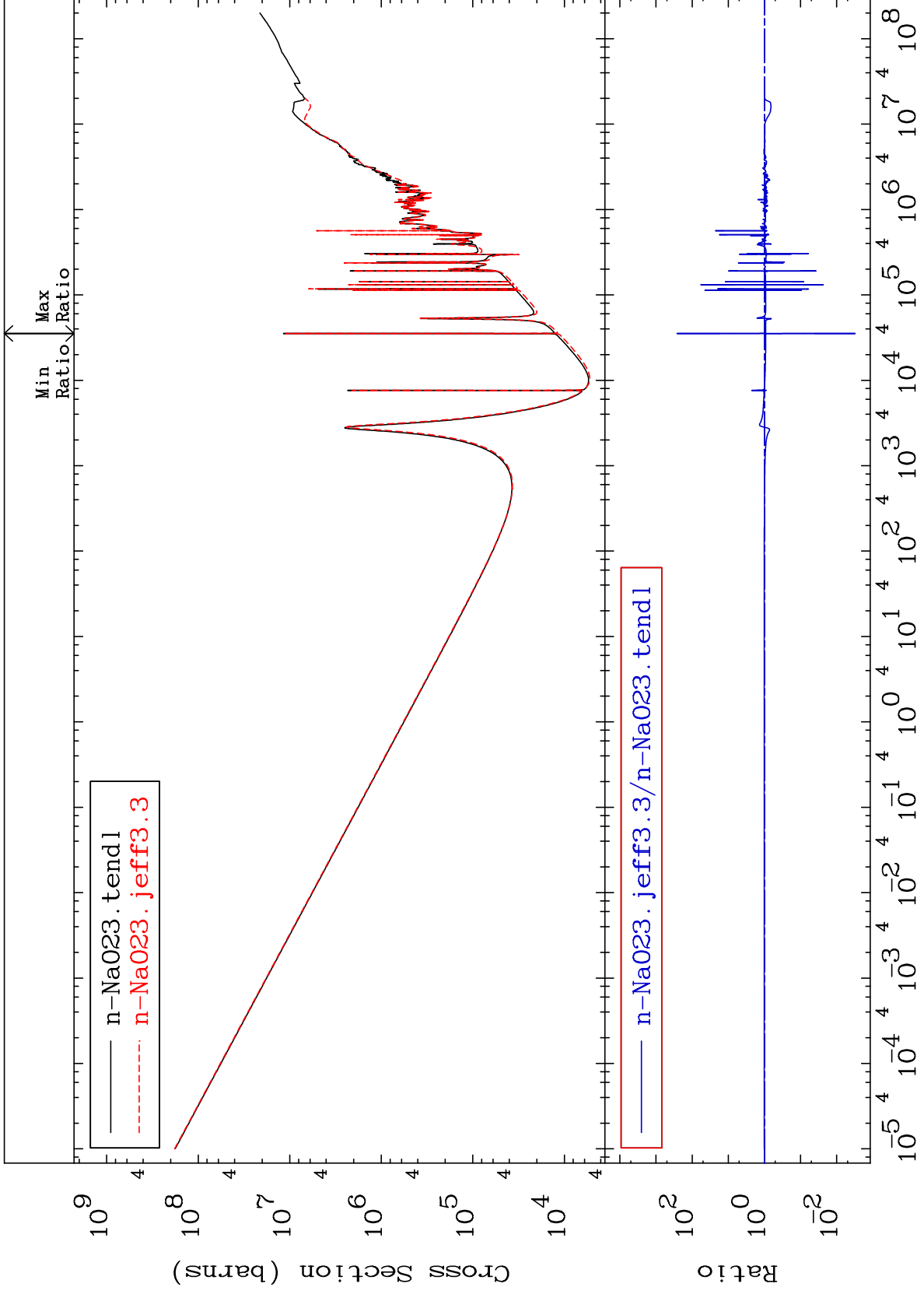


MAT 1125

He-4 Production  
Cross Section

11-Na-23  
-4.040 To 9999. %

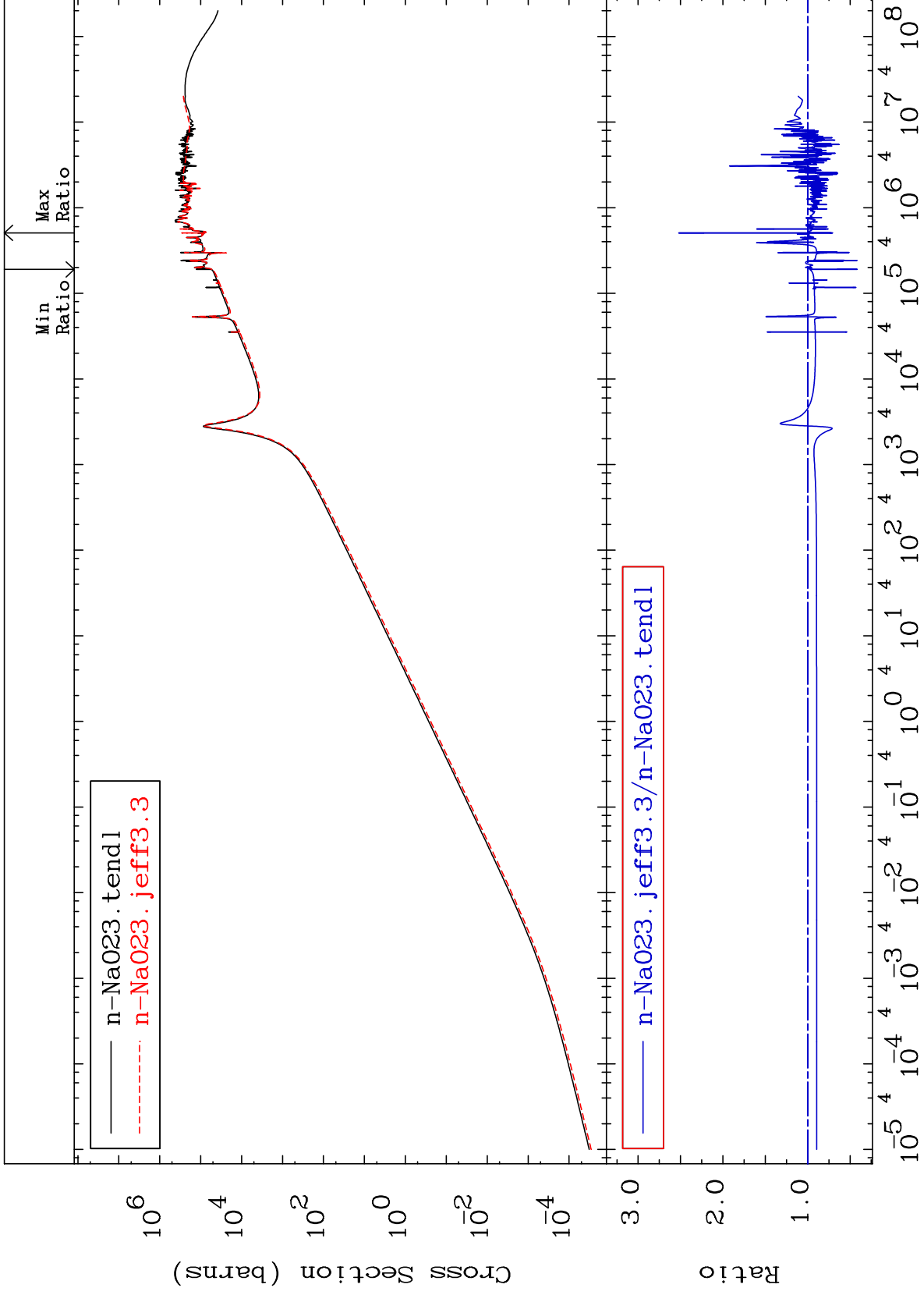


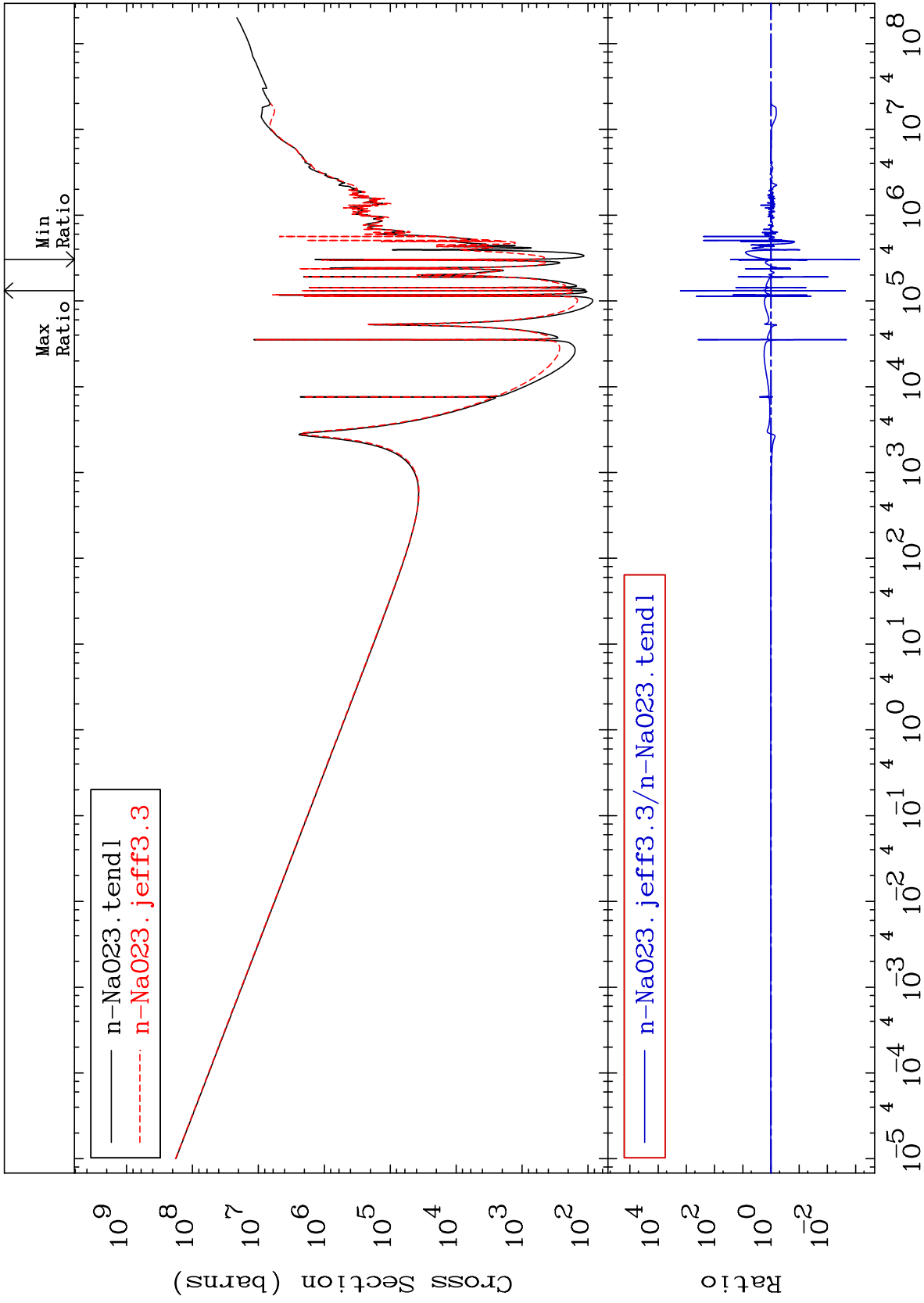


MAT 1125

Kerma elastic  
Cross Section

11-Na-23  
-58.46 To 152.2 %

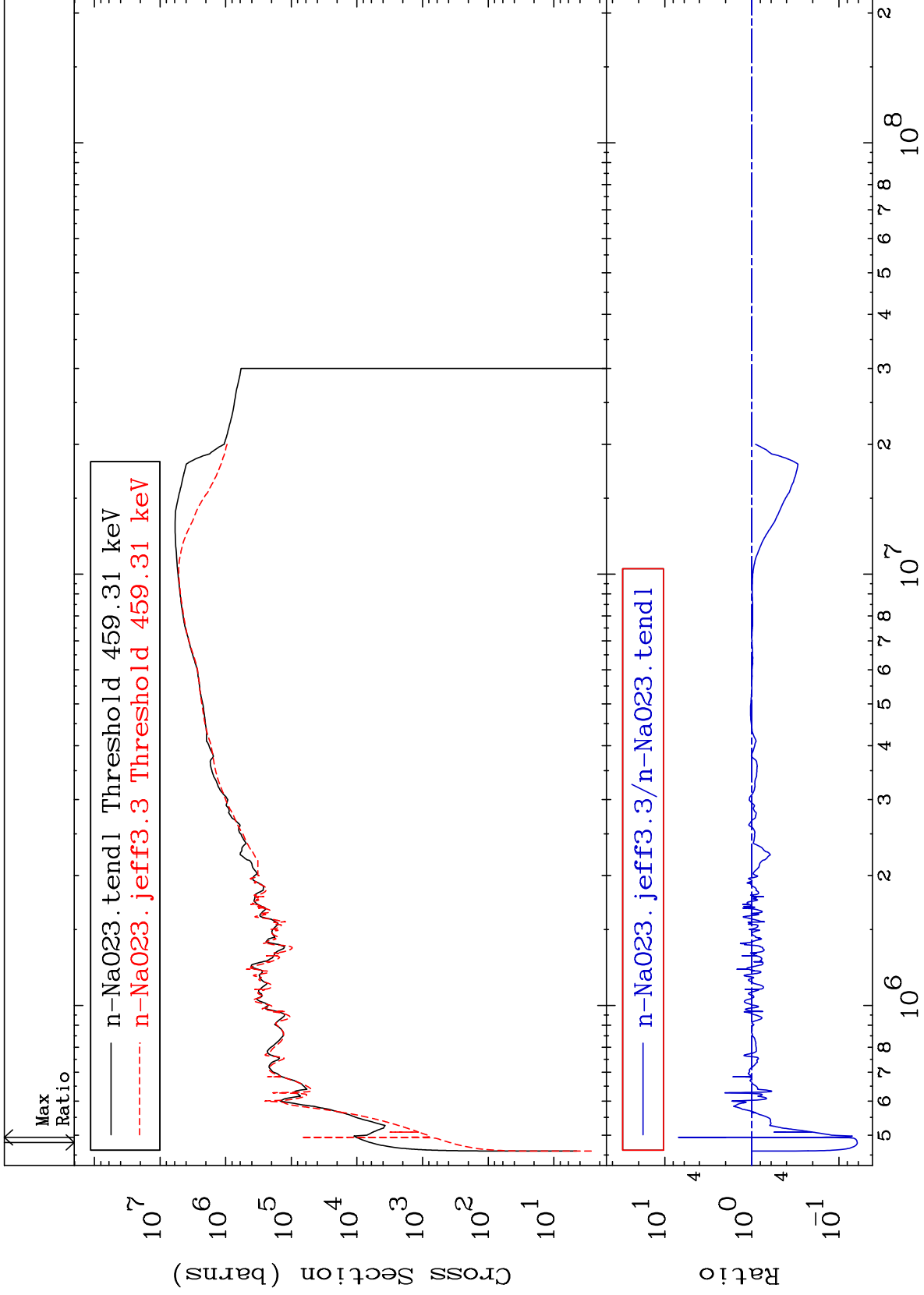




MAT 1125

Kerma inelastic (mt51-91)  
Cross Section

11-Na-23  
-93.85 To 593.3 %



40

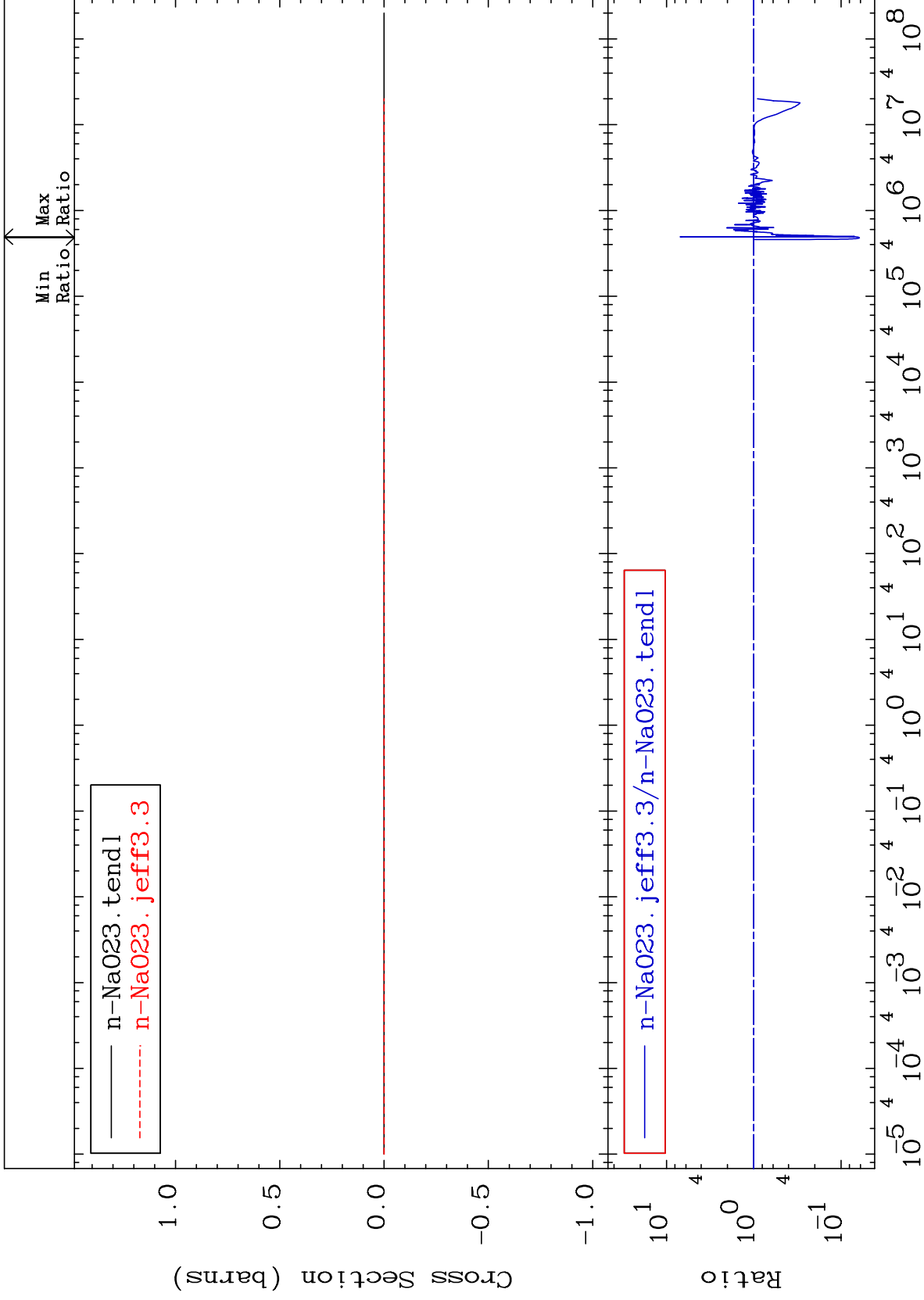
11-Na-23



MAT 1125

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

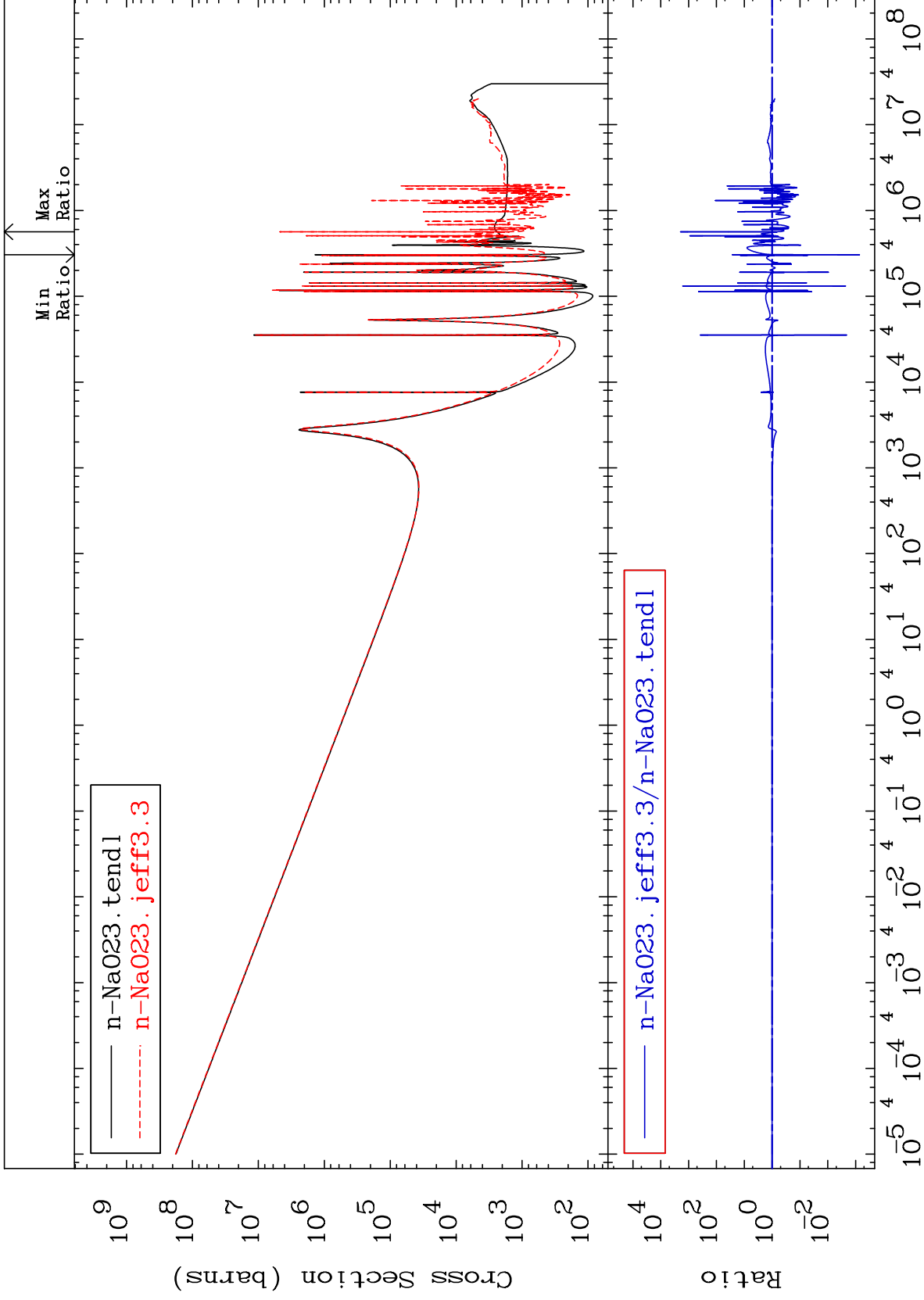
11-Na-23  
-93.85 To 593.3 %



41

Incident Energy (eV)

11-Na-23

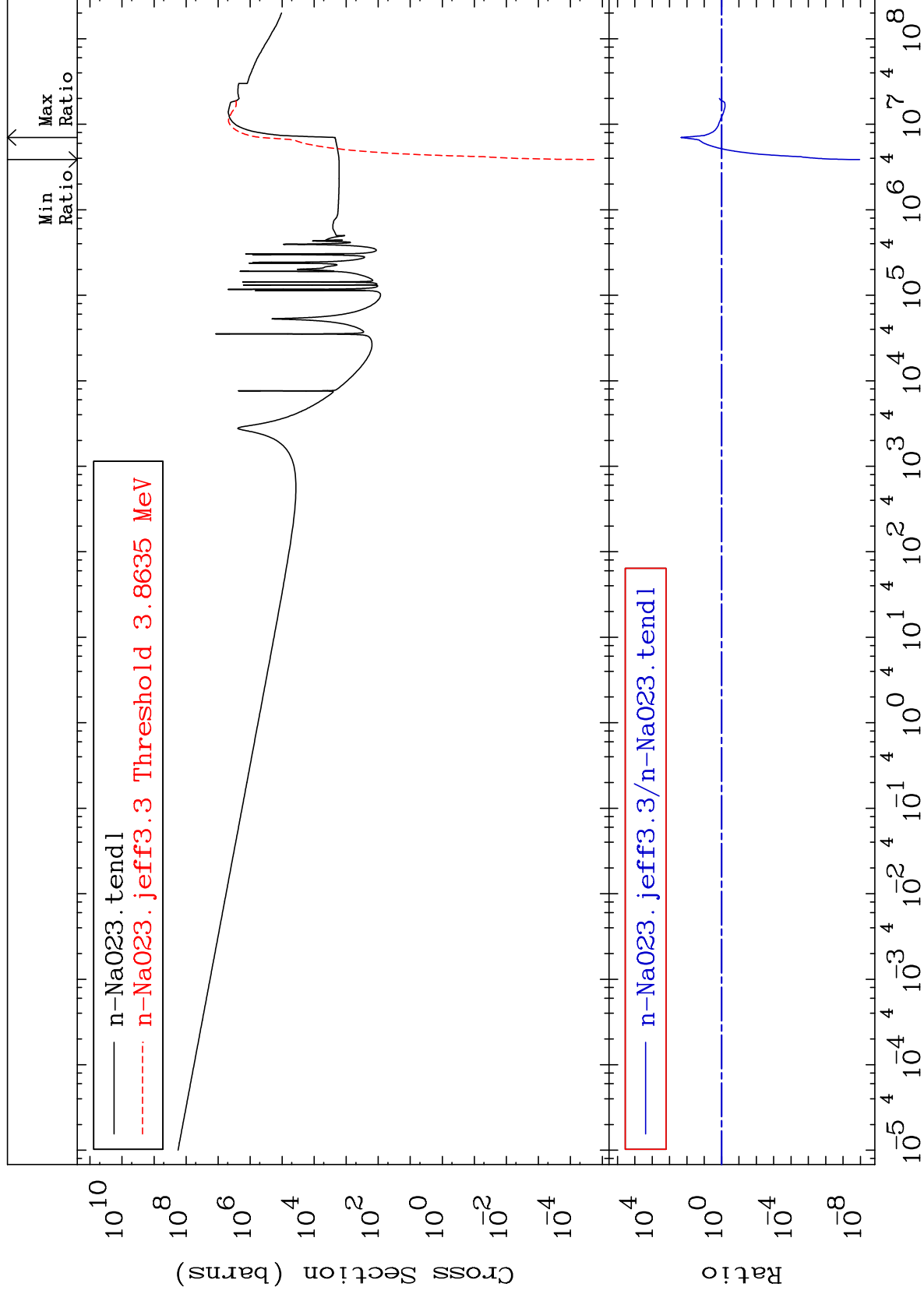


MAT 1125

Total photon (eV-barns)  
Cross Section

11-Na-23

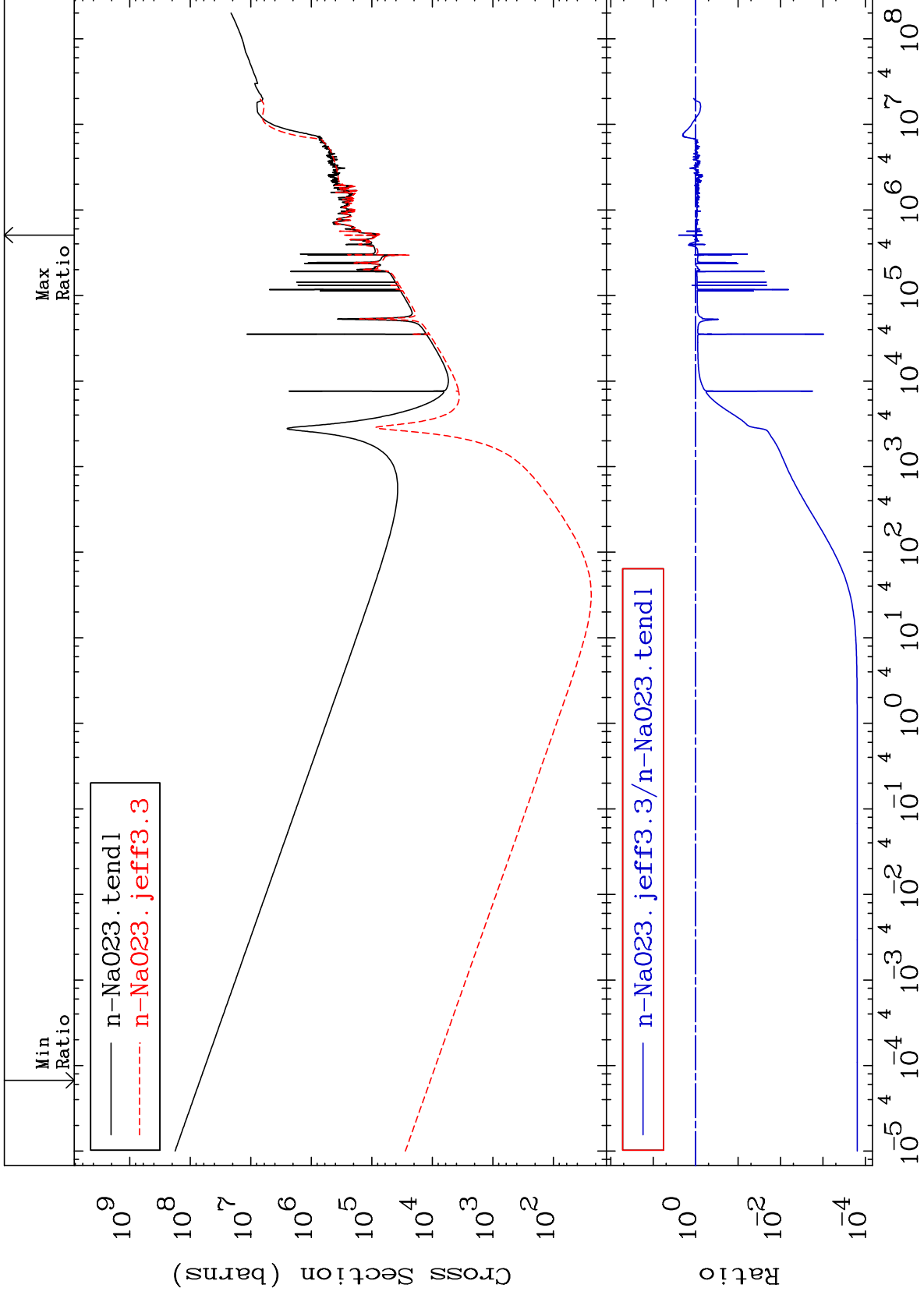
-100.0 To 9999. %



43

Incident Energy (eV)

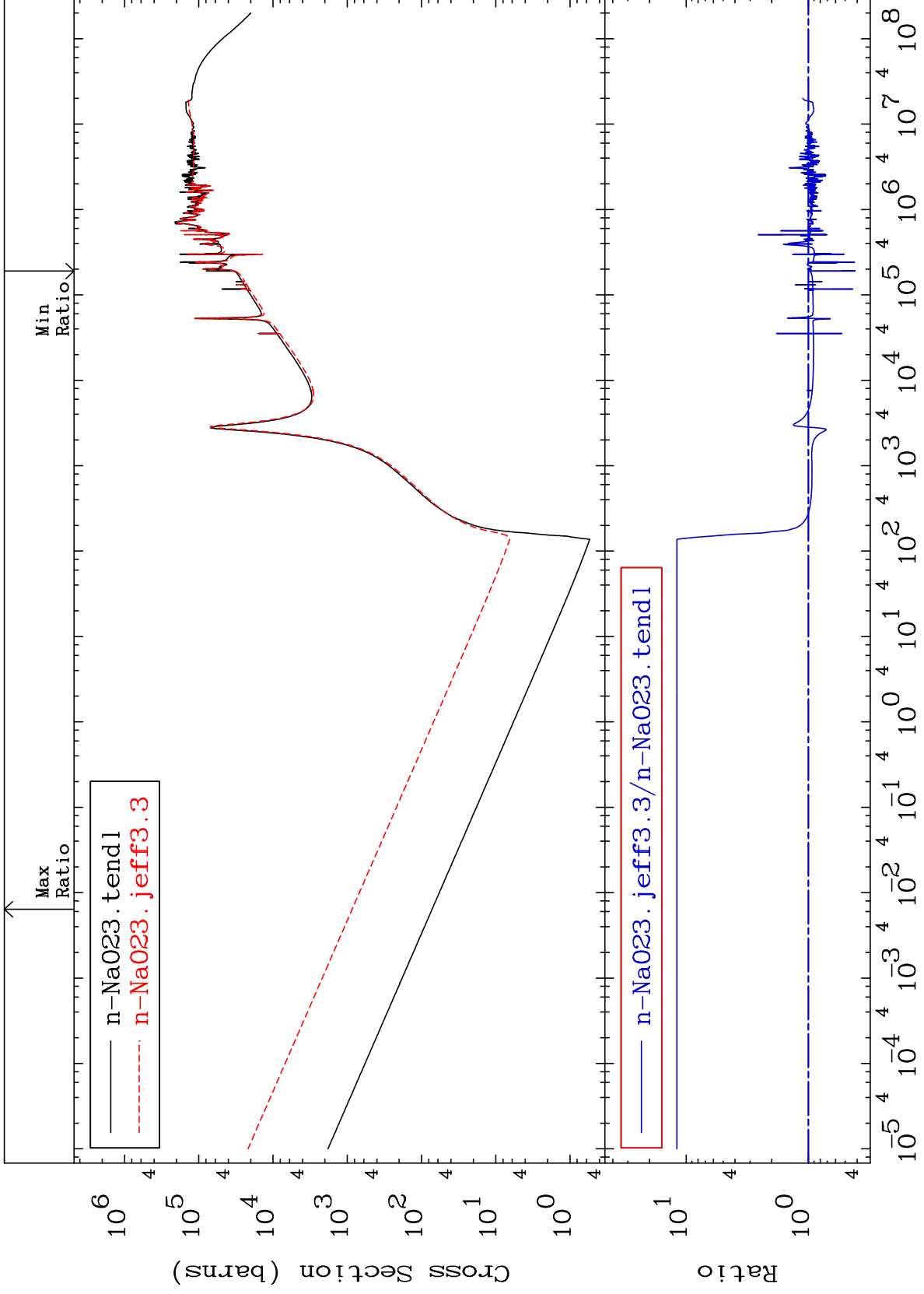
11-Na-23

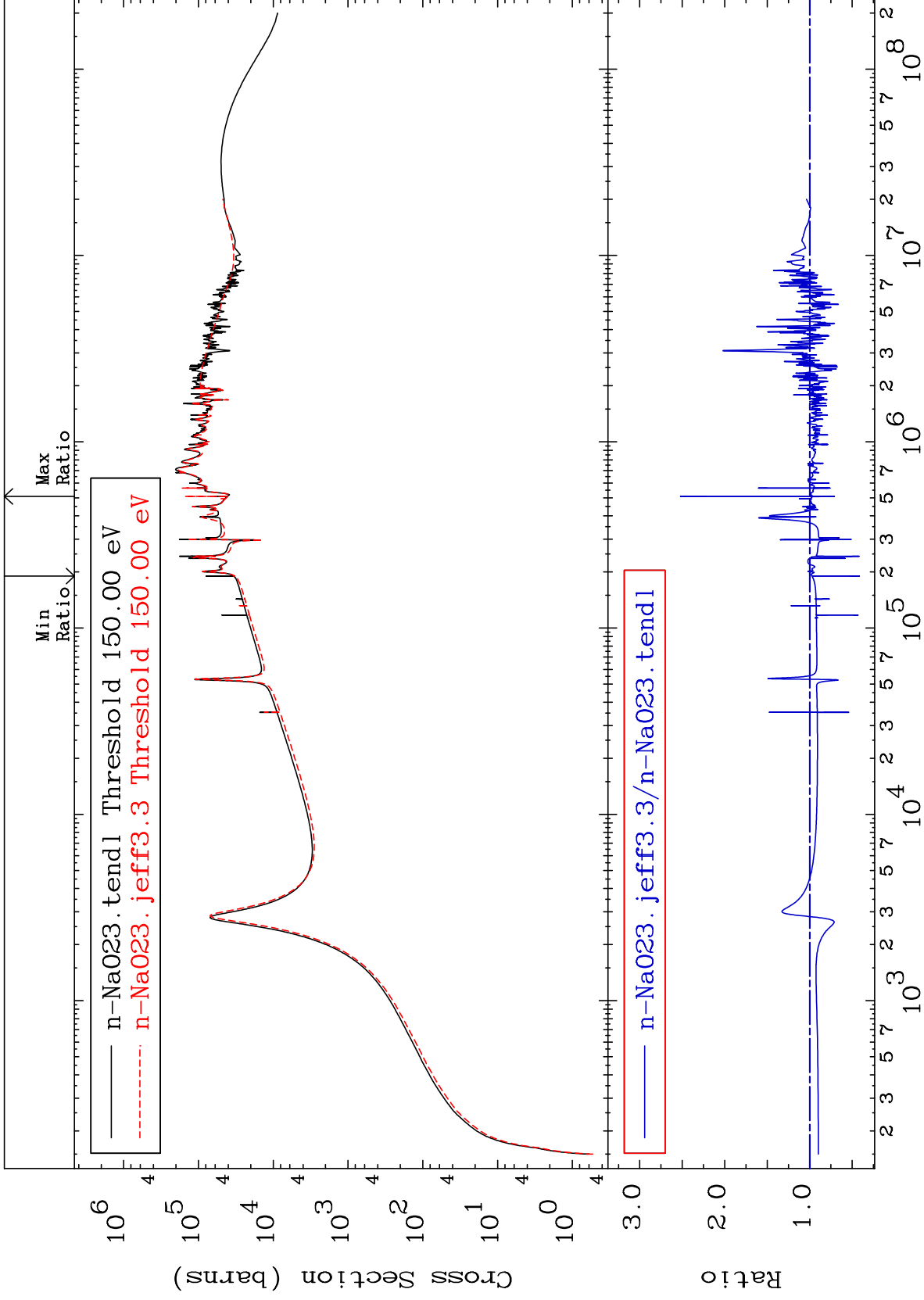


MAT 1125

Dpa total (eV-barns)  
Cross Section

11-Na-23  
-58.49 To 1093. %

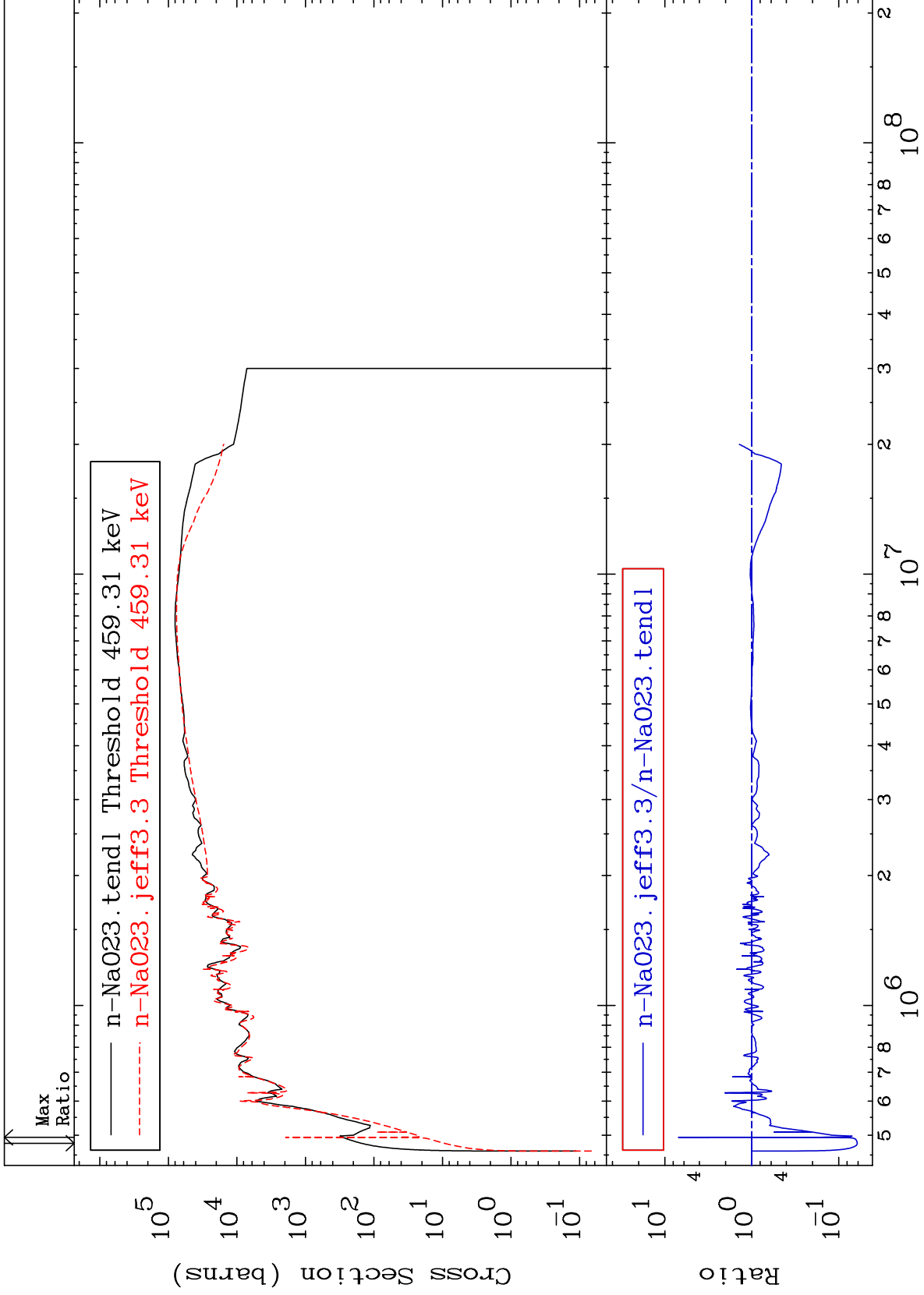




MAT 1125

Dpa inelastic (mt51-91)  
Cross Section

11-Na-23  
-93.88 To 593.4 %



47

11-Na-23

