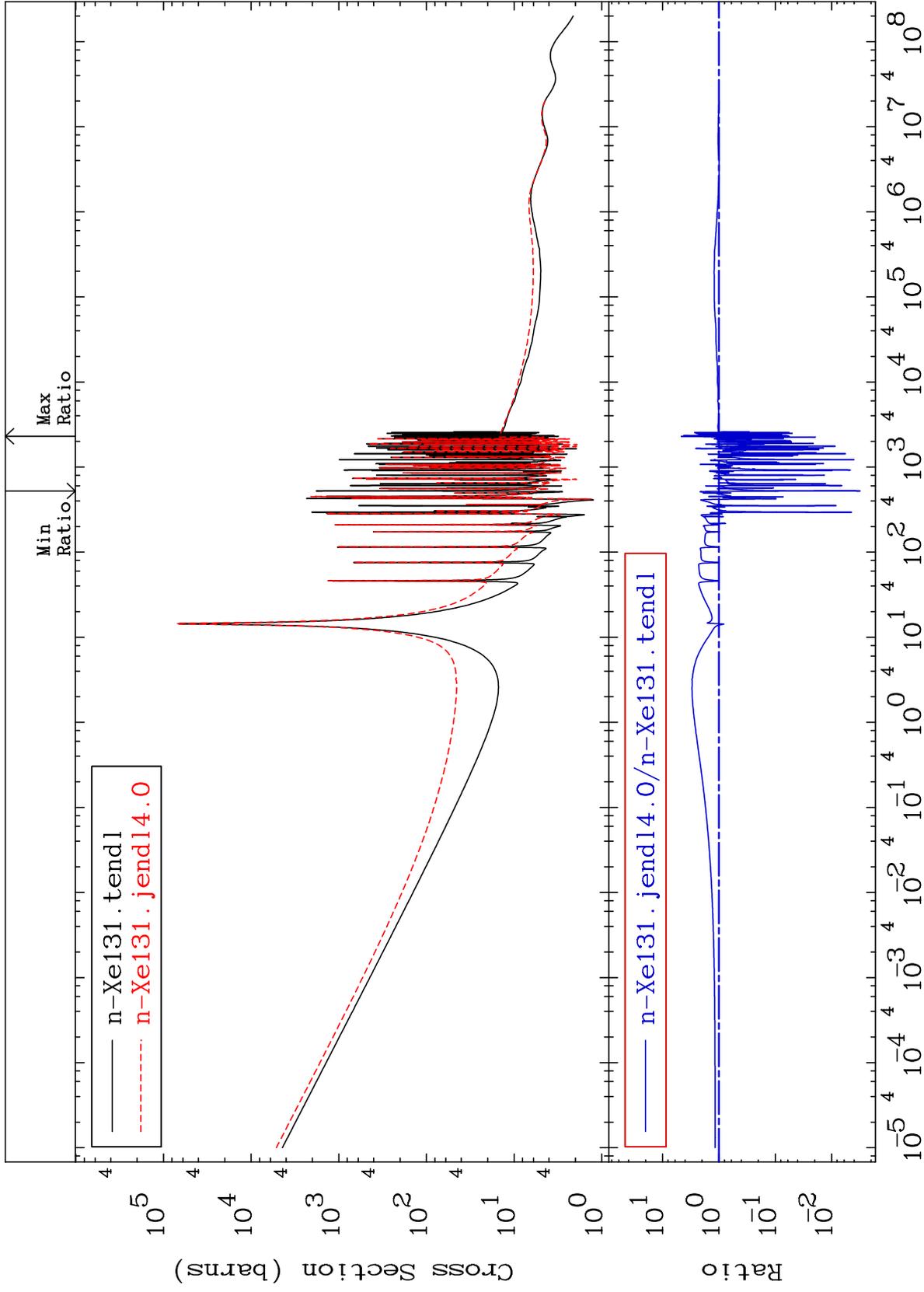


MAT 5446

Total Cross Section  
54-Xe-131  
-99.69 To 368.1 %



Incident Energy (eV)

54-Xe-131

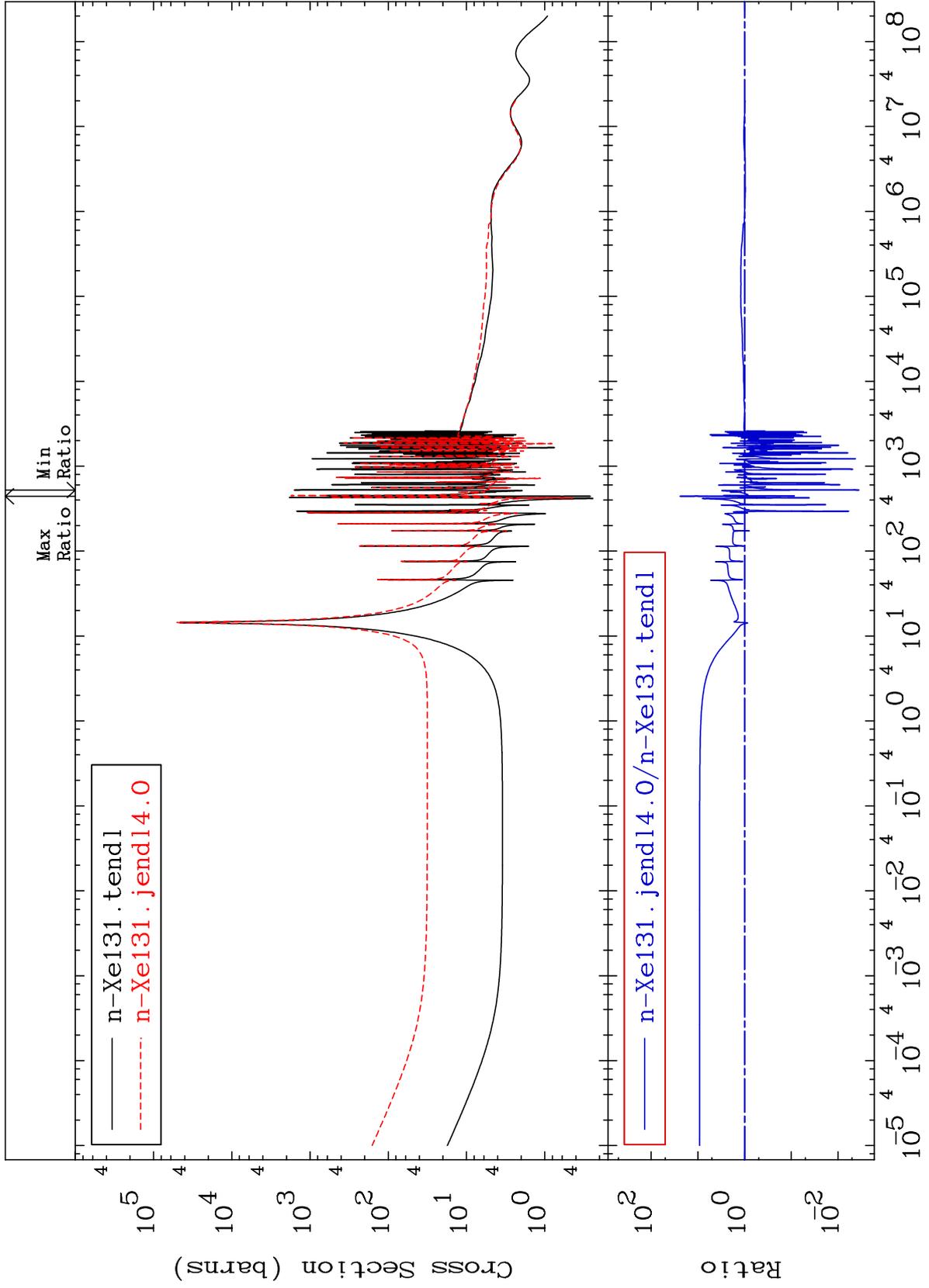
MAT 5446

Elastic

54-Xe-131

Cross Section

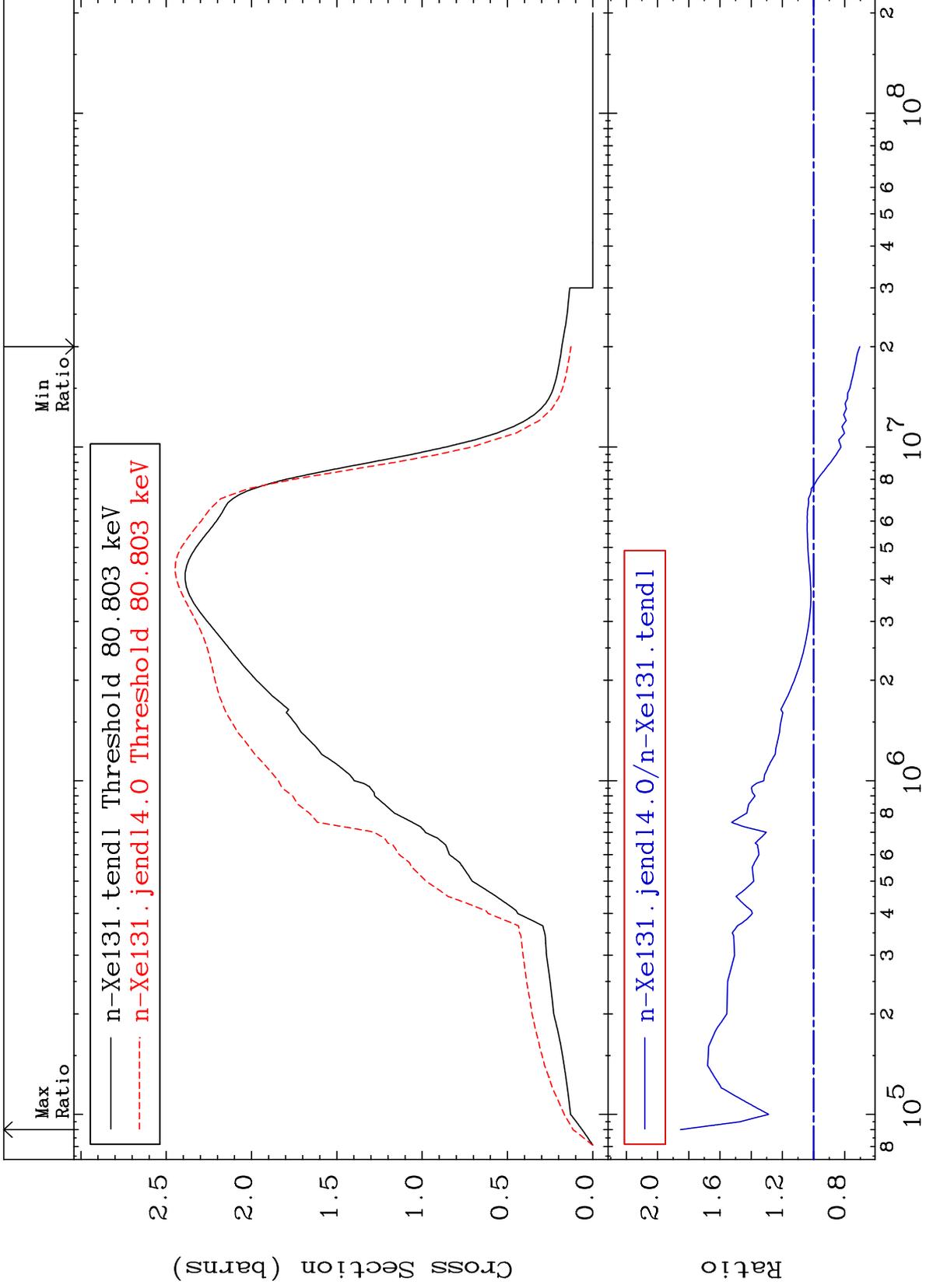
-99.65 To 2277. %



MAT 5446

Inelastic  
Cross Section

54-Xe-131  
-29.58 To 85.27 %



3

54-Xe-131

MAT 5446

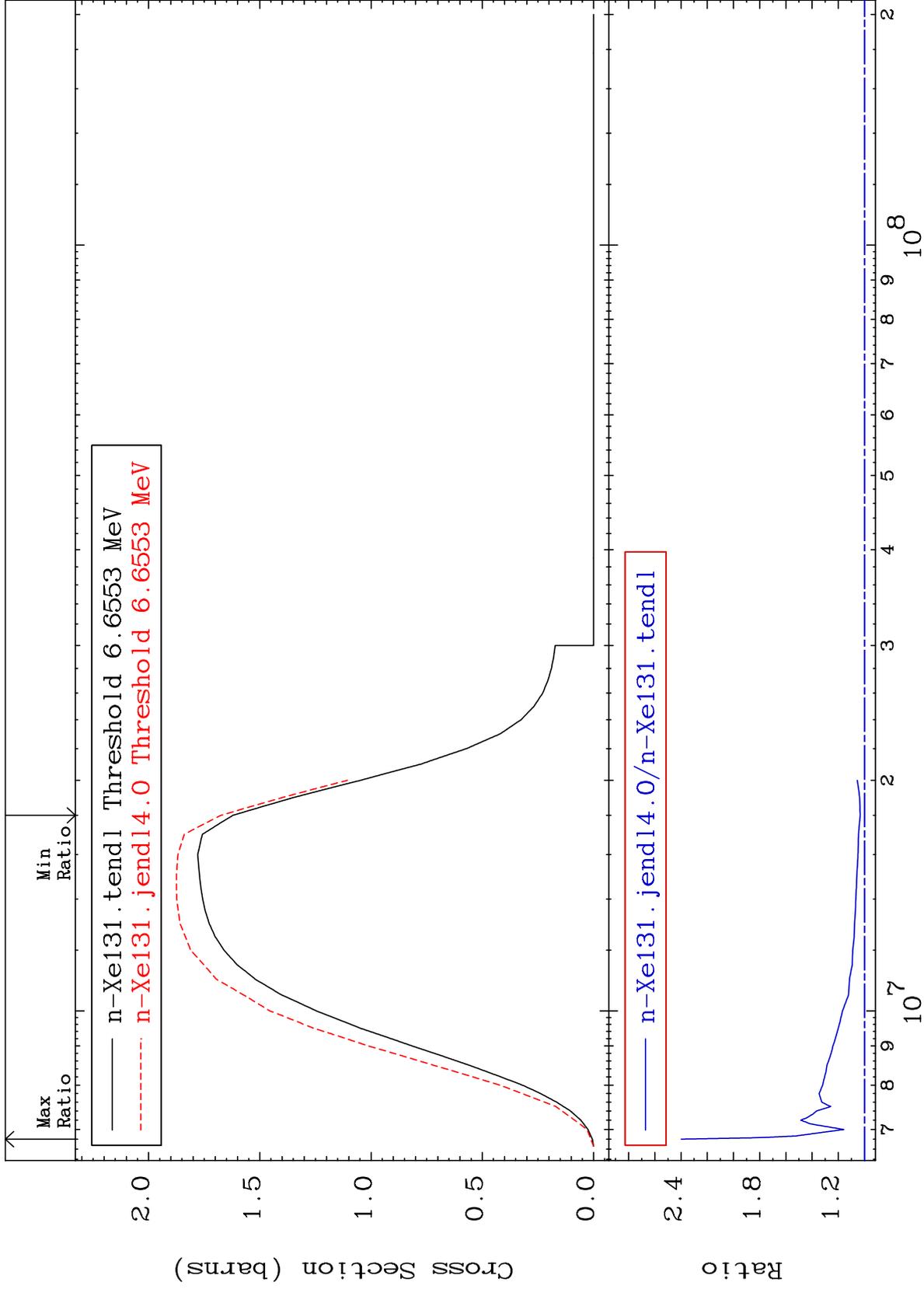
(n,2n)

54-Xe-131

Cross Section

3.303

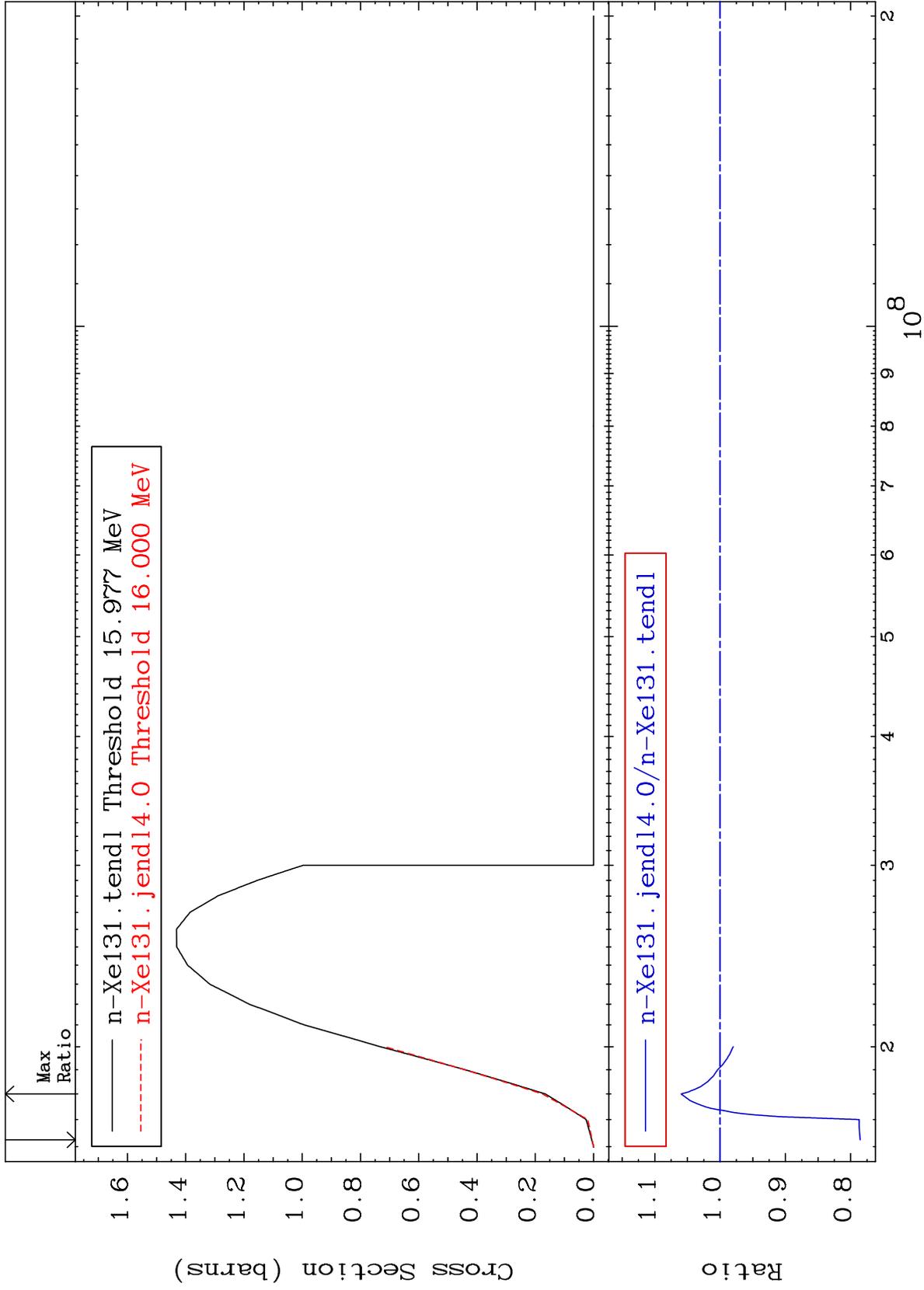
To 139.9 %



4

Incident Energy (eV)

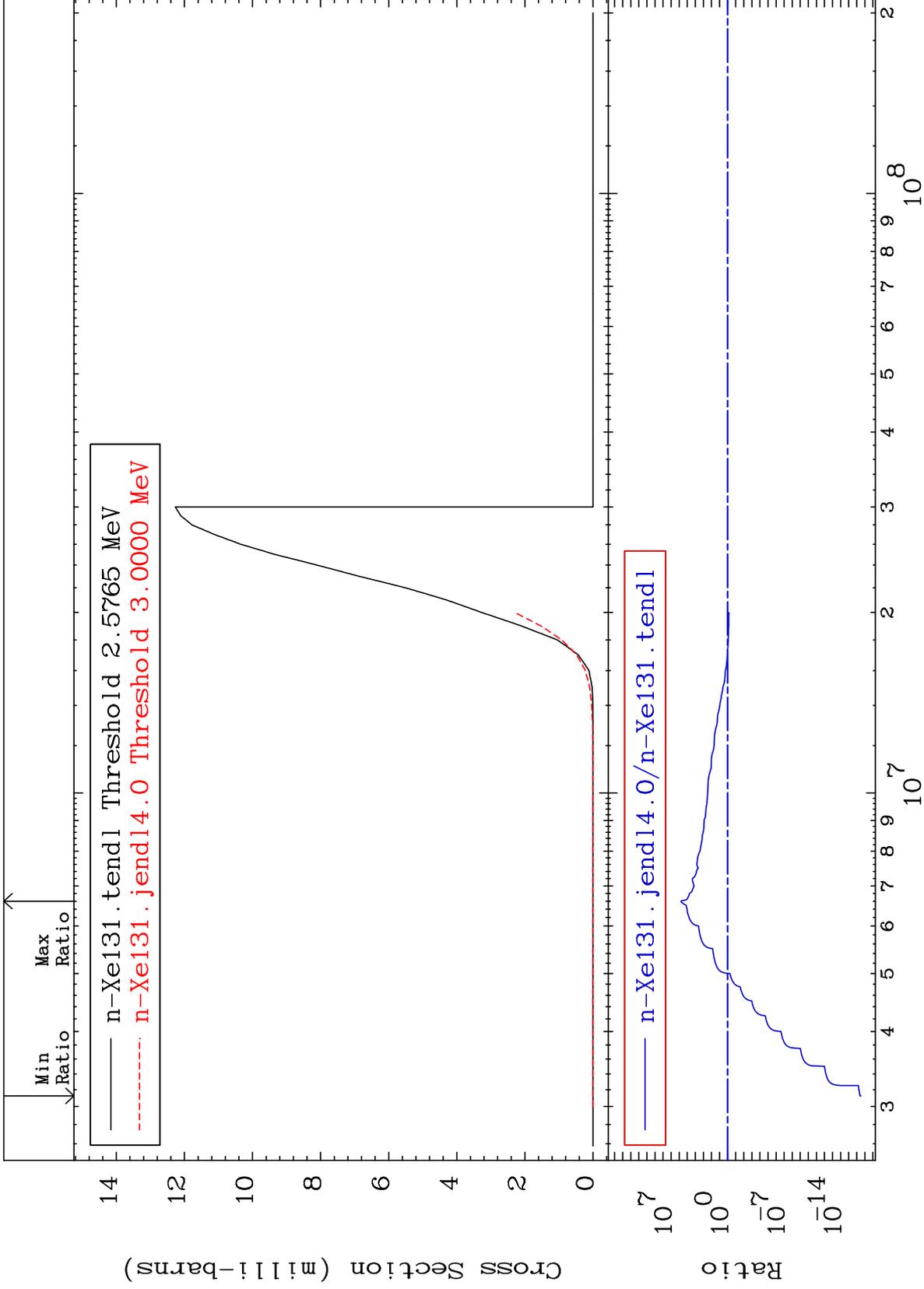
54-Xe-131



MAT 5446

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

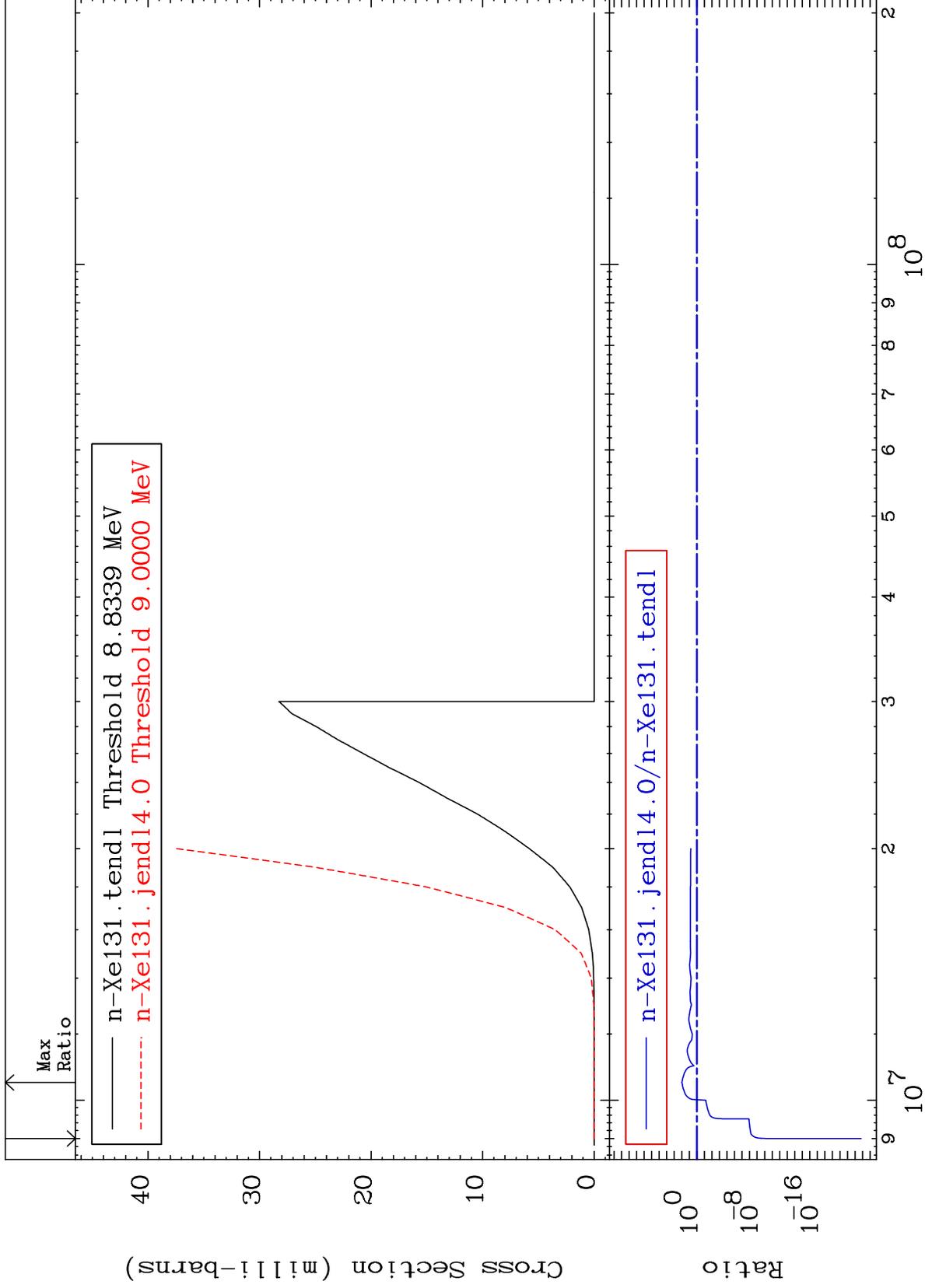
54-Xe-131  
-100.0 To 9999. %



MAT 5446

(n,n') p  
Cross Section

54-Xe-131  
-100.0 To 9484. %



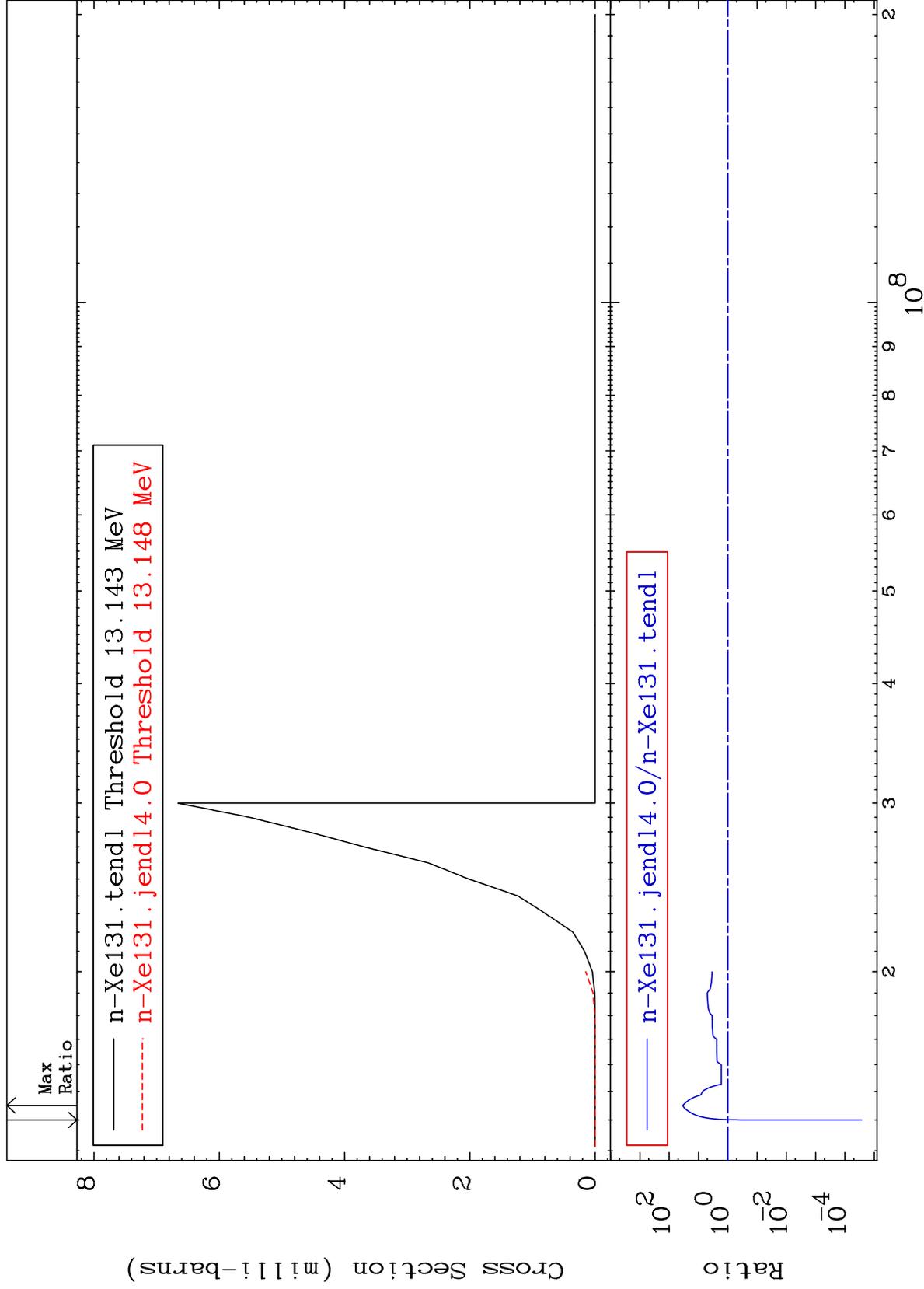
54-Xe-131

54-Xe-131

MAT 5446

(n,n') d  
Cross Section

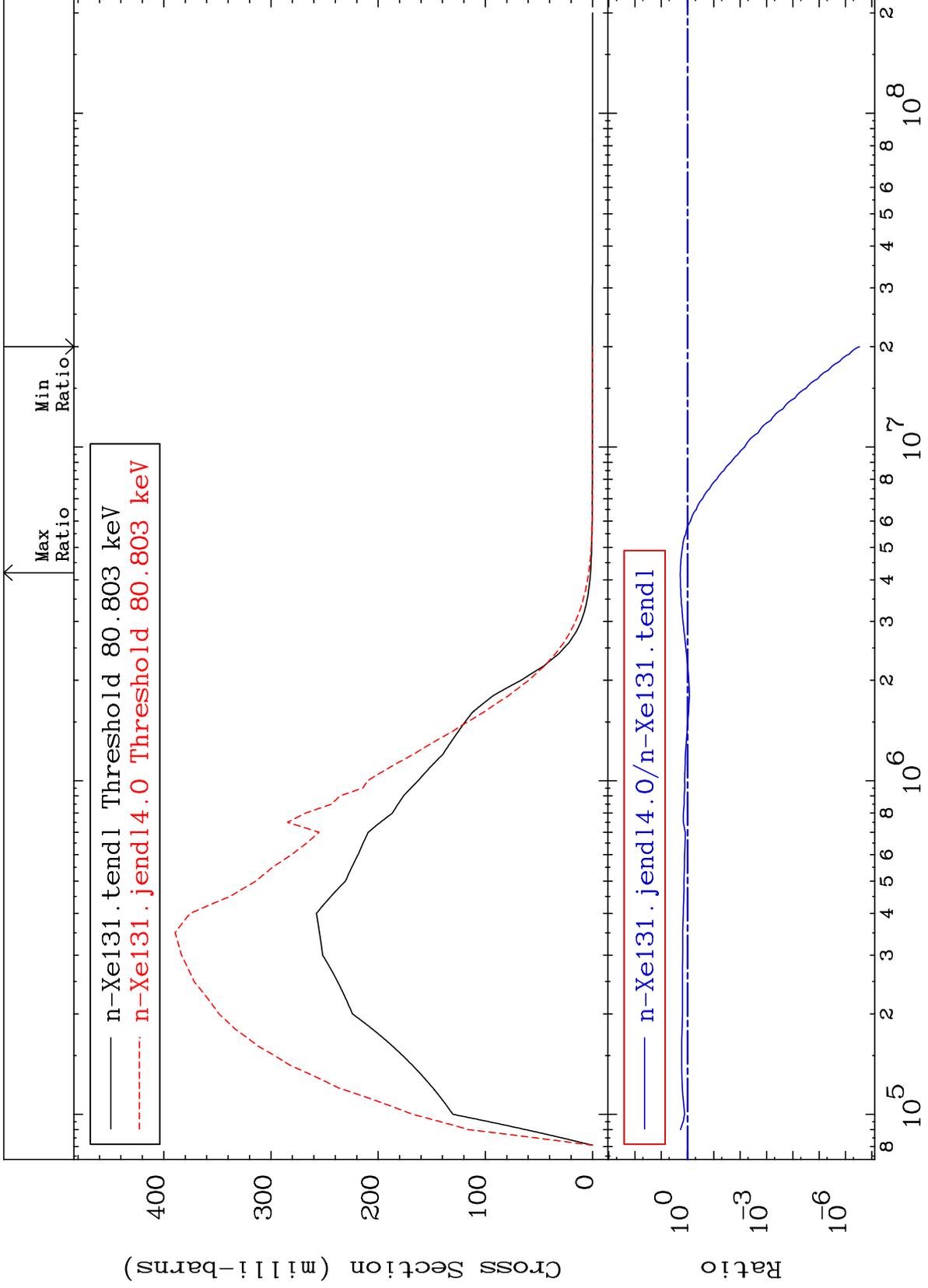
54-Xe-131  
-100.0 To 3359. %



MAT 5446

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

54-Xe-131  
-100.0 To 89.14 %



9

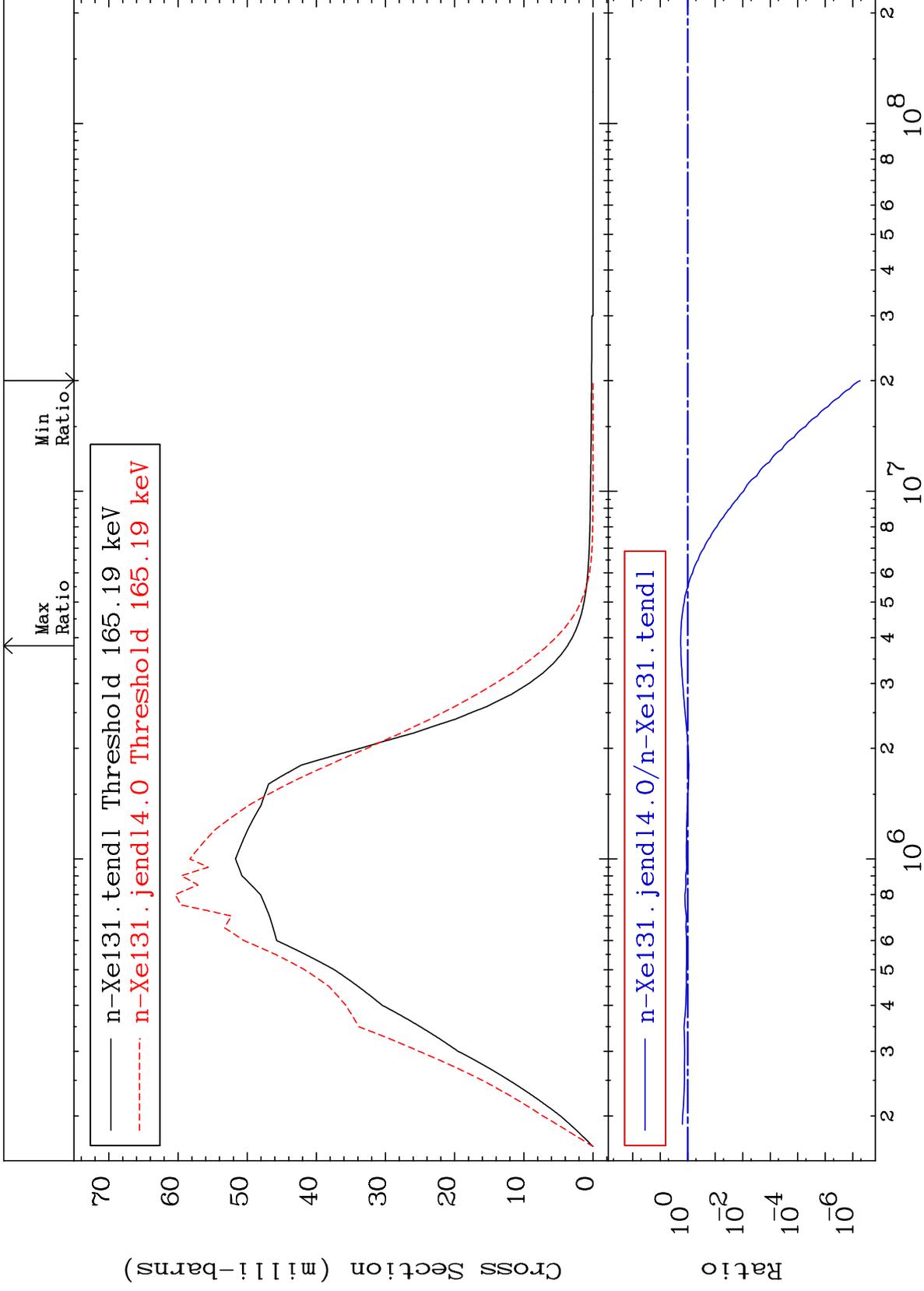
Incident Energy (eV)

54-Xe-131

MAT 5446

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

54-Xe-131  
-100.0 To 79.06 %



10

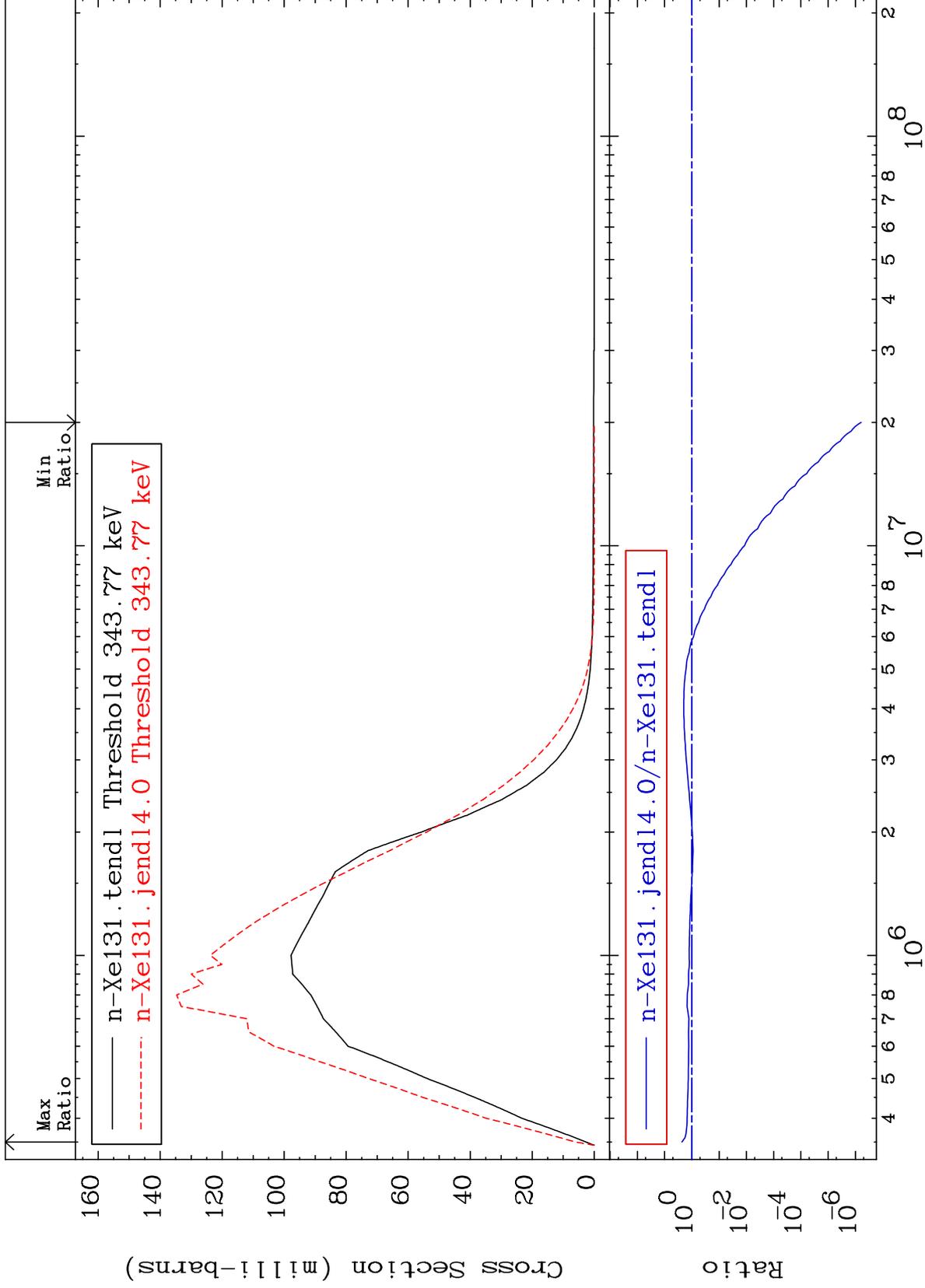
Incident Energy (eV)

54-Xe-131

MAT 5446

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

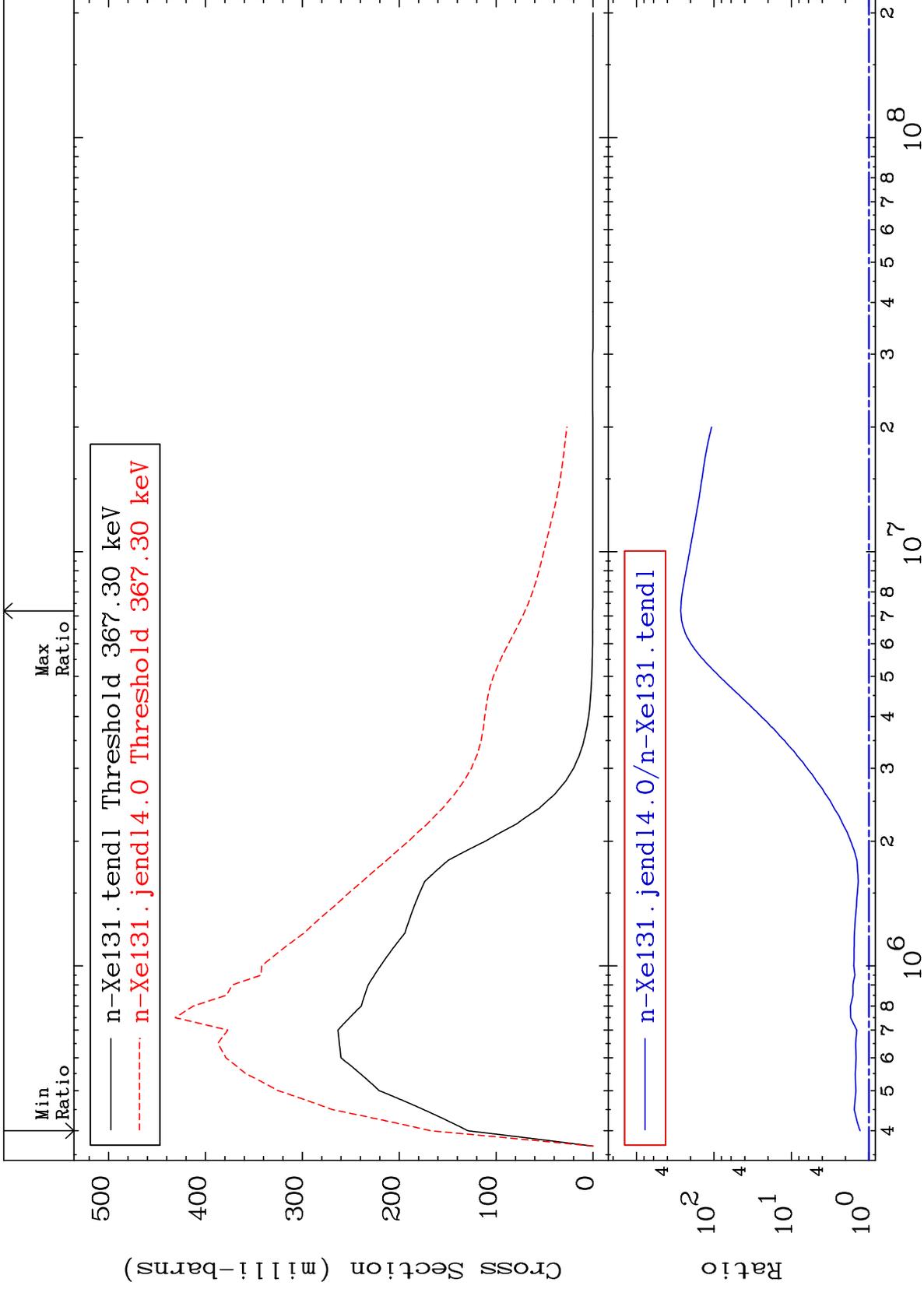
54-Xe-131  
-100.0 To 132.3 %



MAT 5446

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

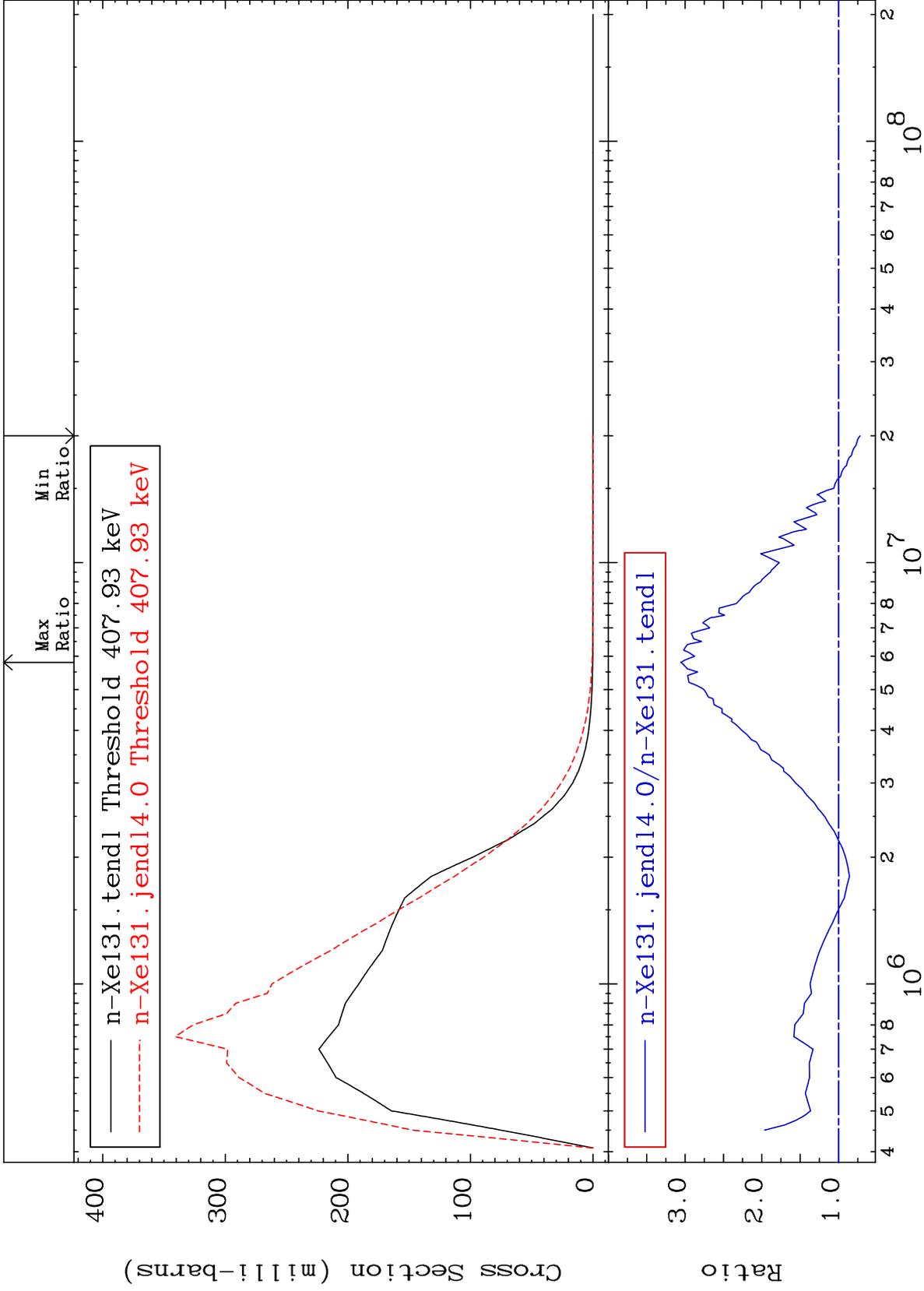
54-Xe-131  
29.70 To 9999. %



MAT 5446

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

54-Xe-131  
-28.13 To 205.7 %



13

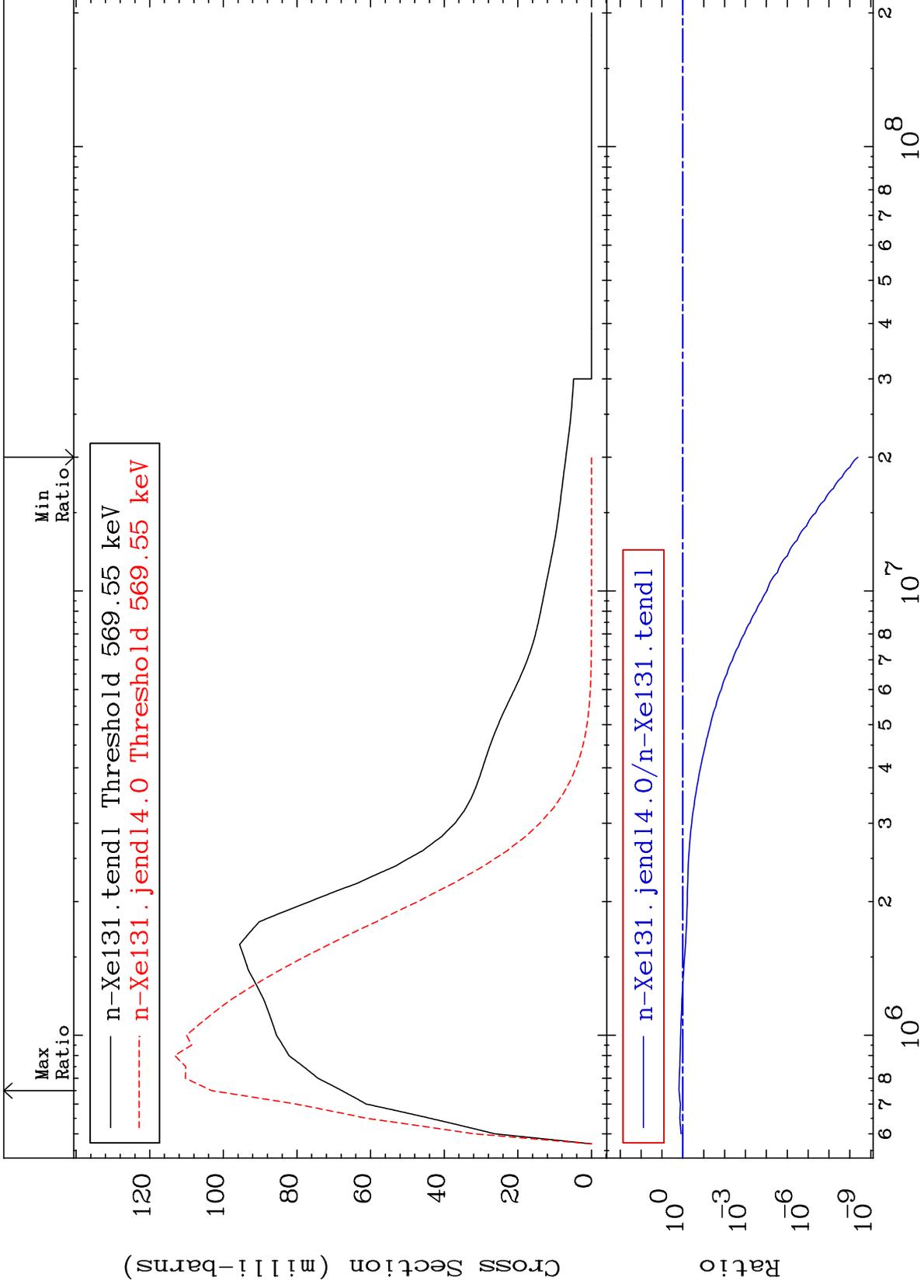
Incident Energy (eV)

54-Xe-131

MAT 5446

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

54-Xe-131  
-100.0 To 52.20 %



14

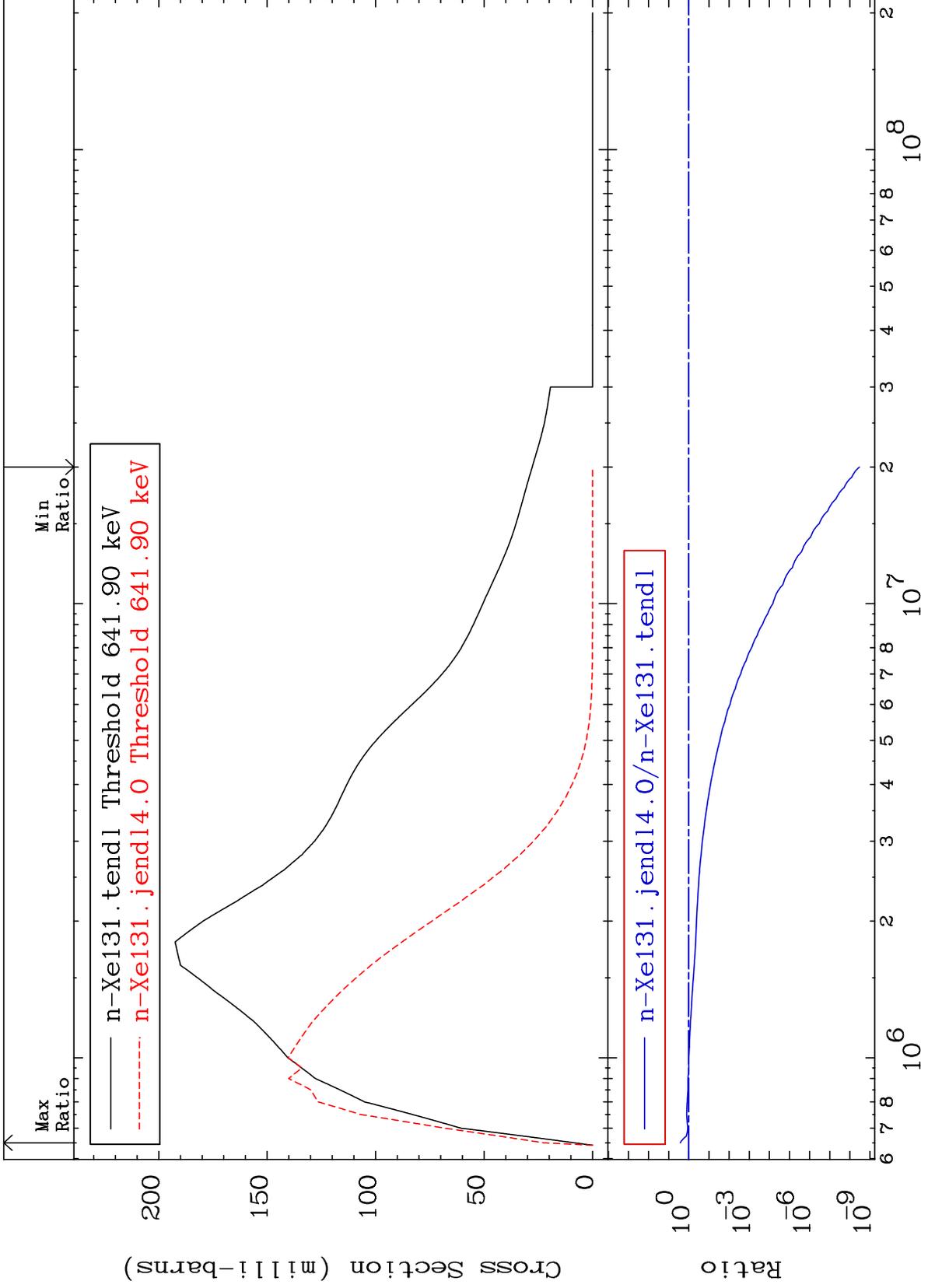
Incident Energy (eV)

54-Xe-131

MAT 5446

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

54-Xe-131  
-100.0 To 166.9 %



15

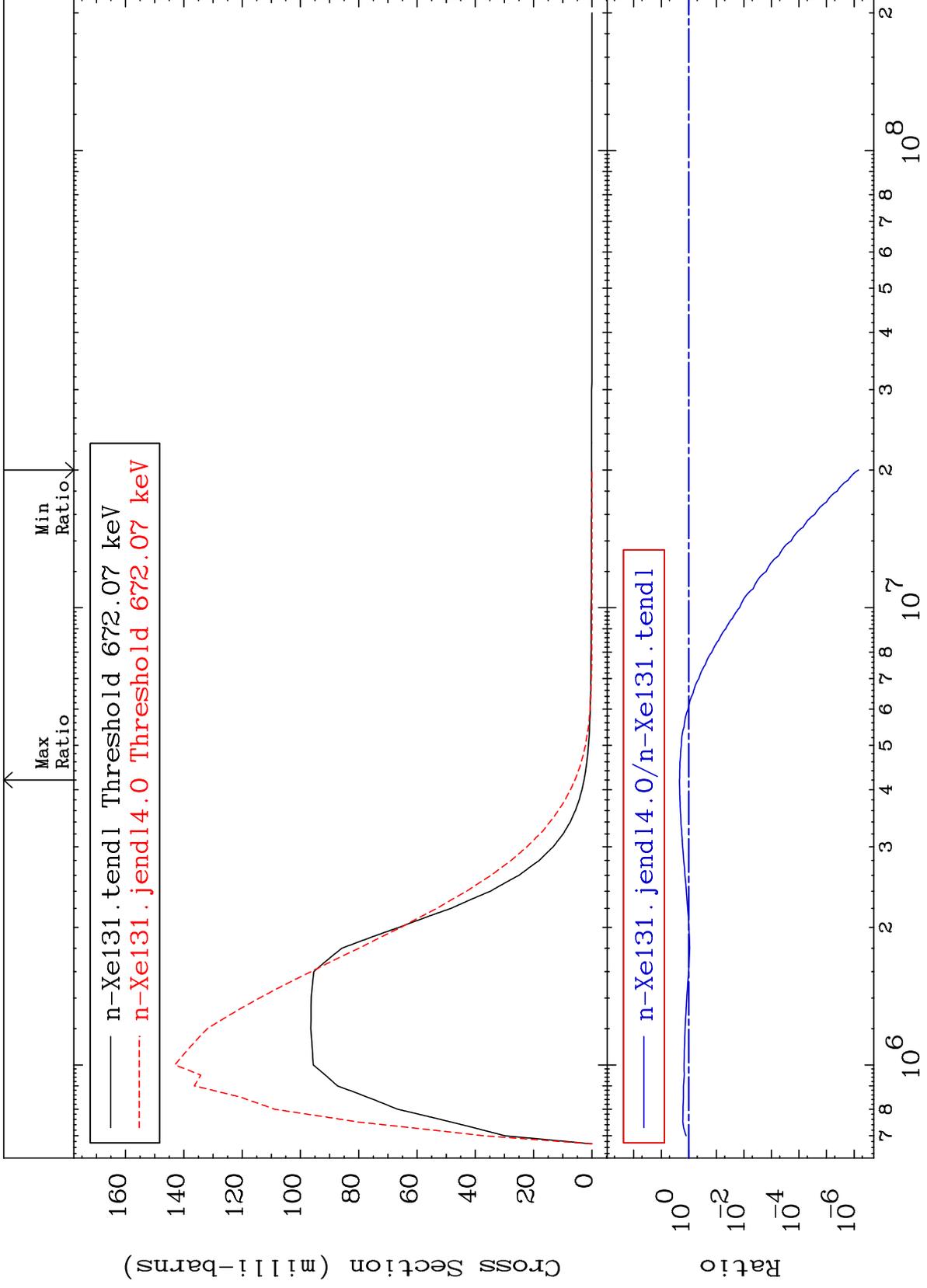
Incident Energy (eV)

54-Xe-131

MAT 5446

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

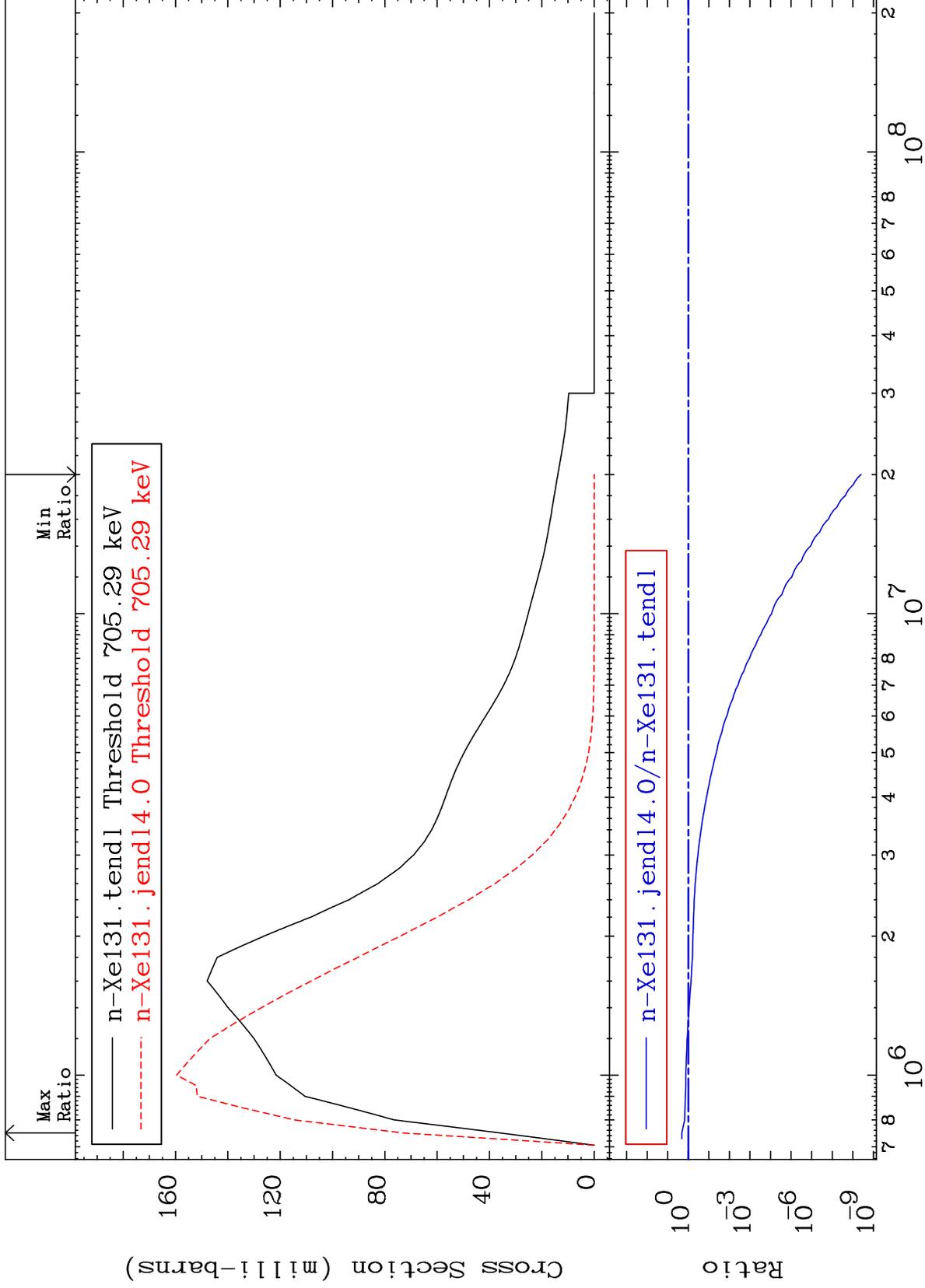
54-Xe-131  
-100.0 To 117.3 %



MAT 5446

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

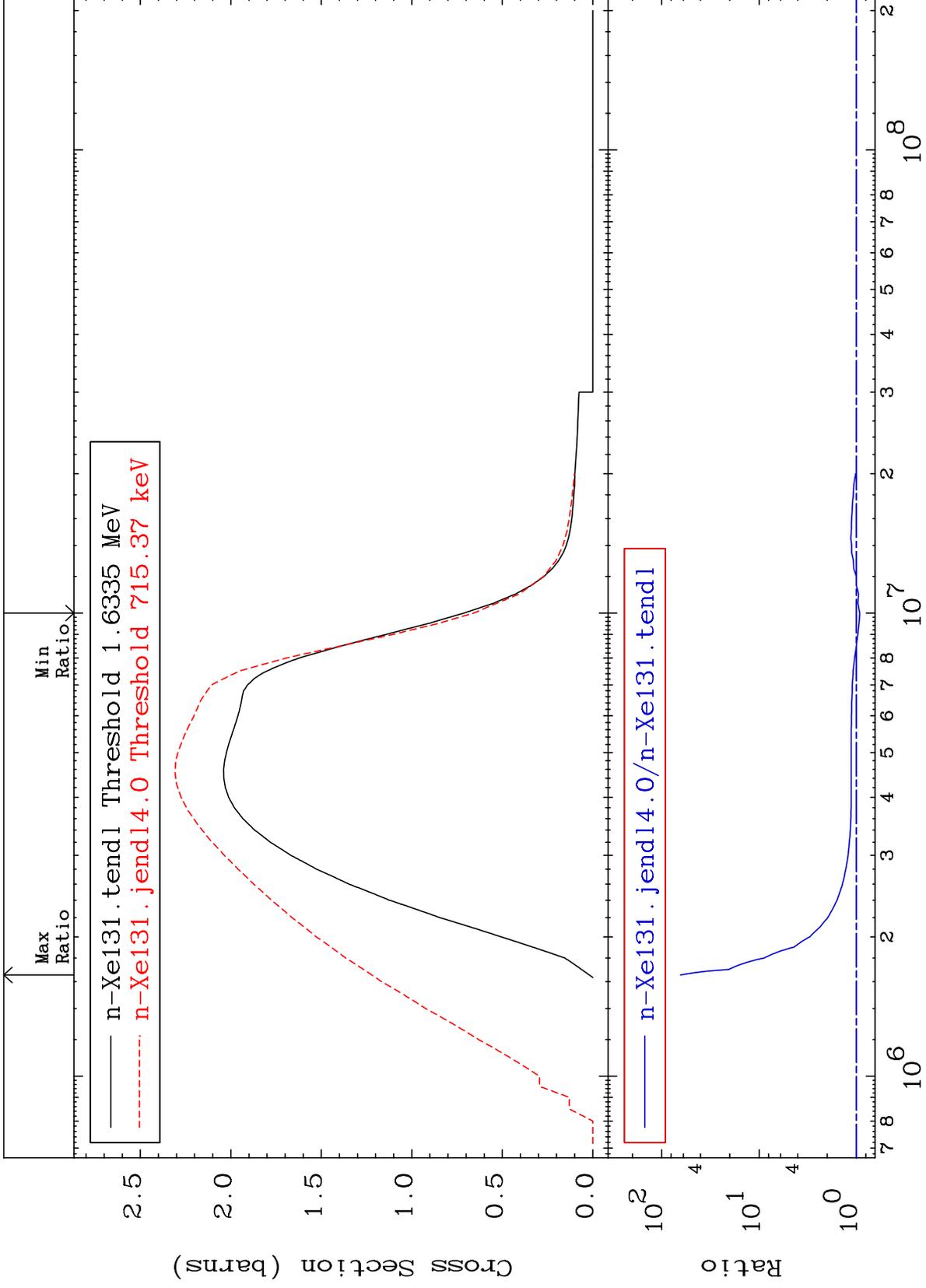
54-Xe-131  
-100.0 To 103.7 %



MAT 5446

(n, n') Continuum  
Cross Section

54-Xe-131  
-7.600 To 6313. %



18

54-Xe-131

54-Xe-131

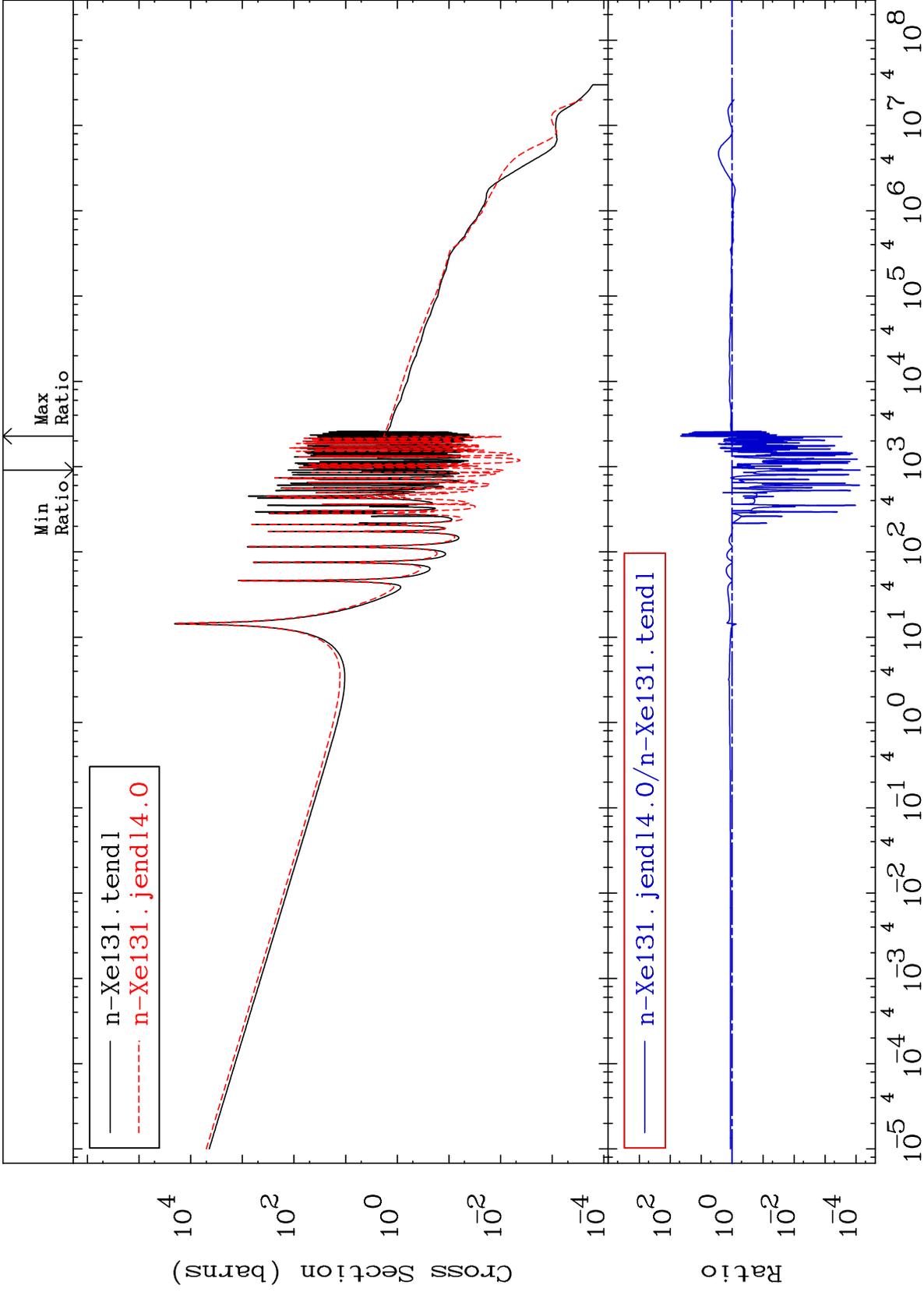
MAT 5446

(n,  $\gamma$ )

54-Xe-131

Cross Section

-99.99 To 4536. %



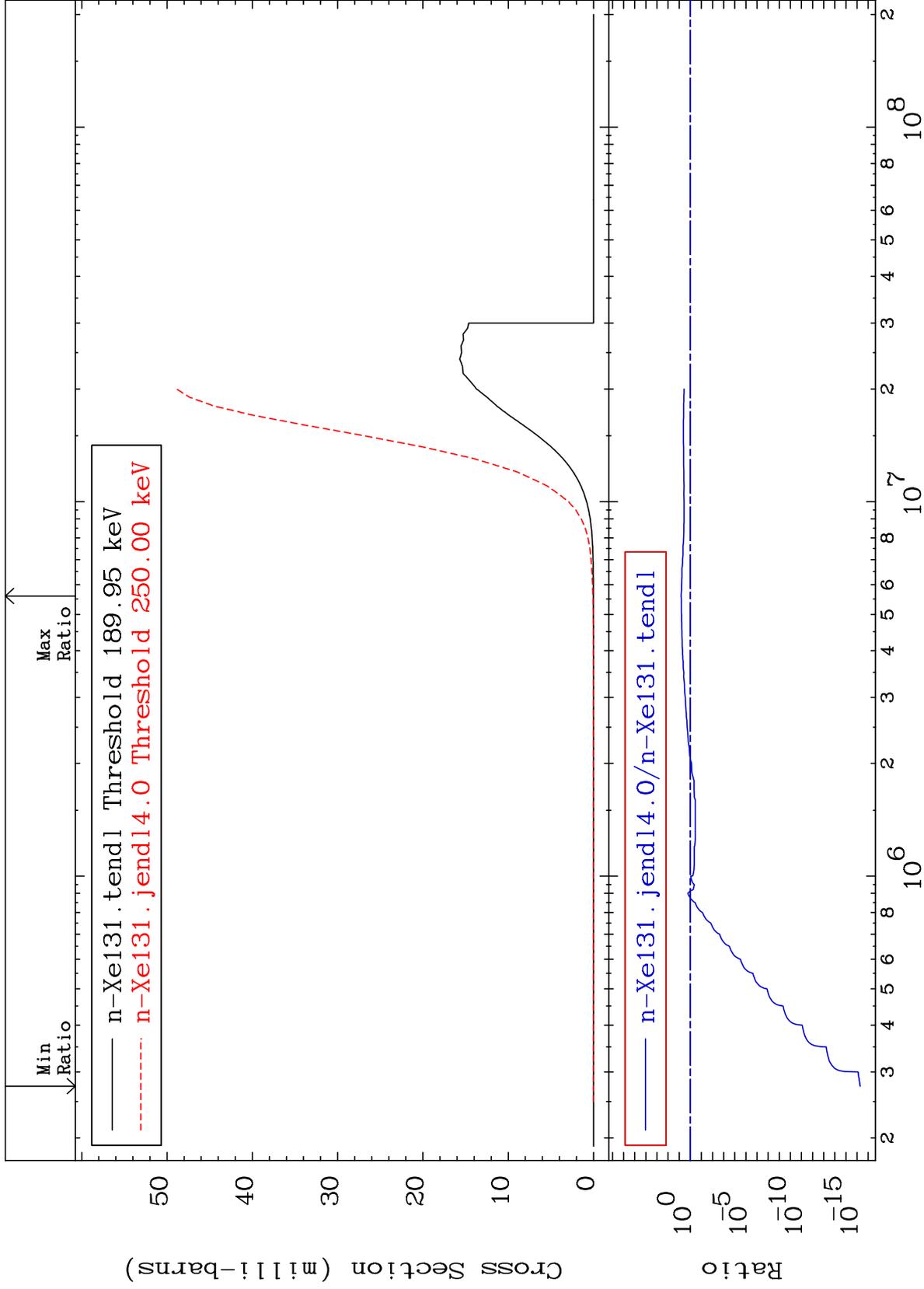
MAT 5446

(n,p)

54-Xe-131

Cross Section

-100.0 To 559.5 %



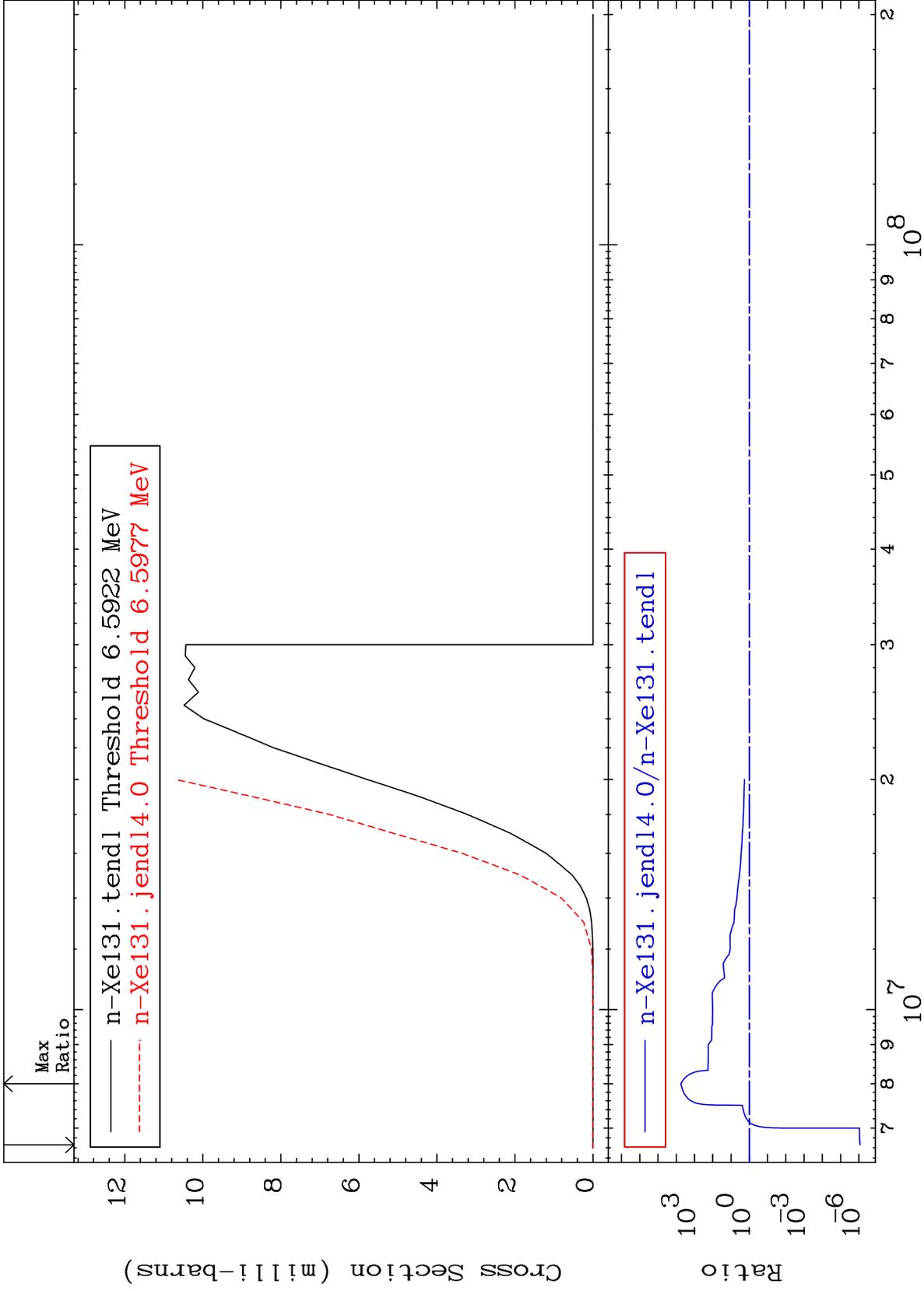
MAT 5446

(n, d)

54-Xe-131

Cross Section

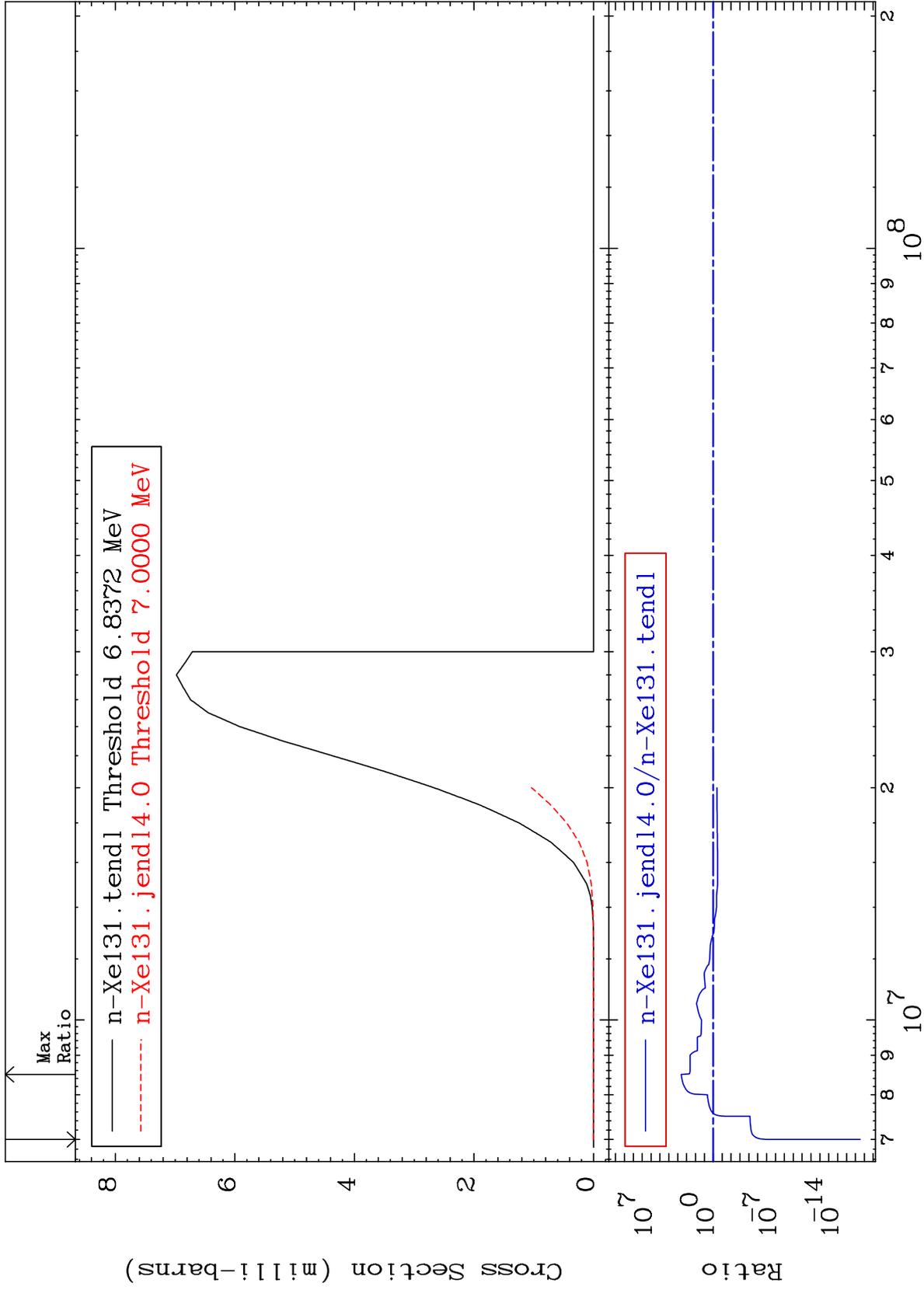
-100.0 To 9999. %



MAT 5446

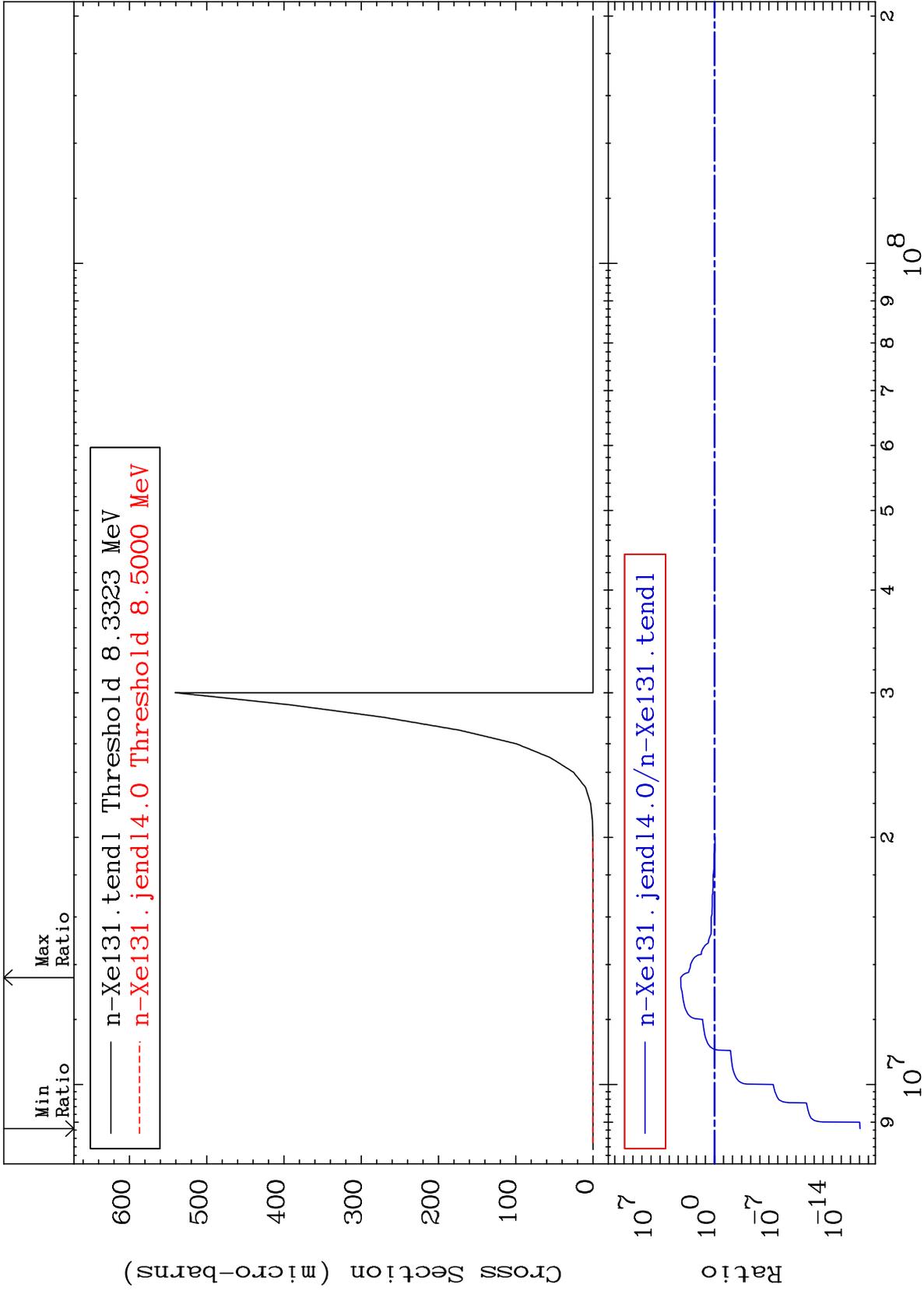
(n, t)  
Cross Section

54-Xe-131  
-100.0 To 9999. %



Cross Section

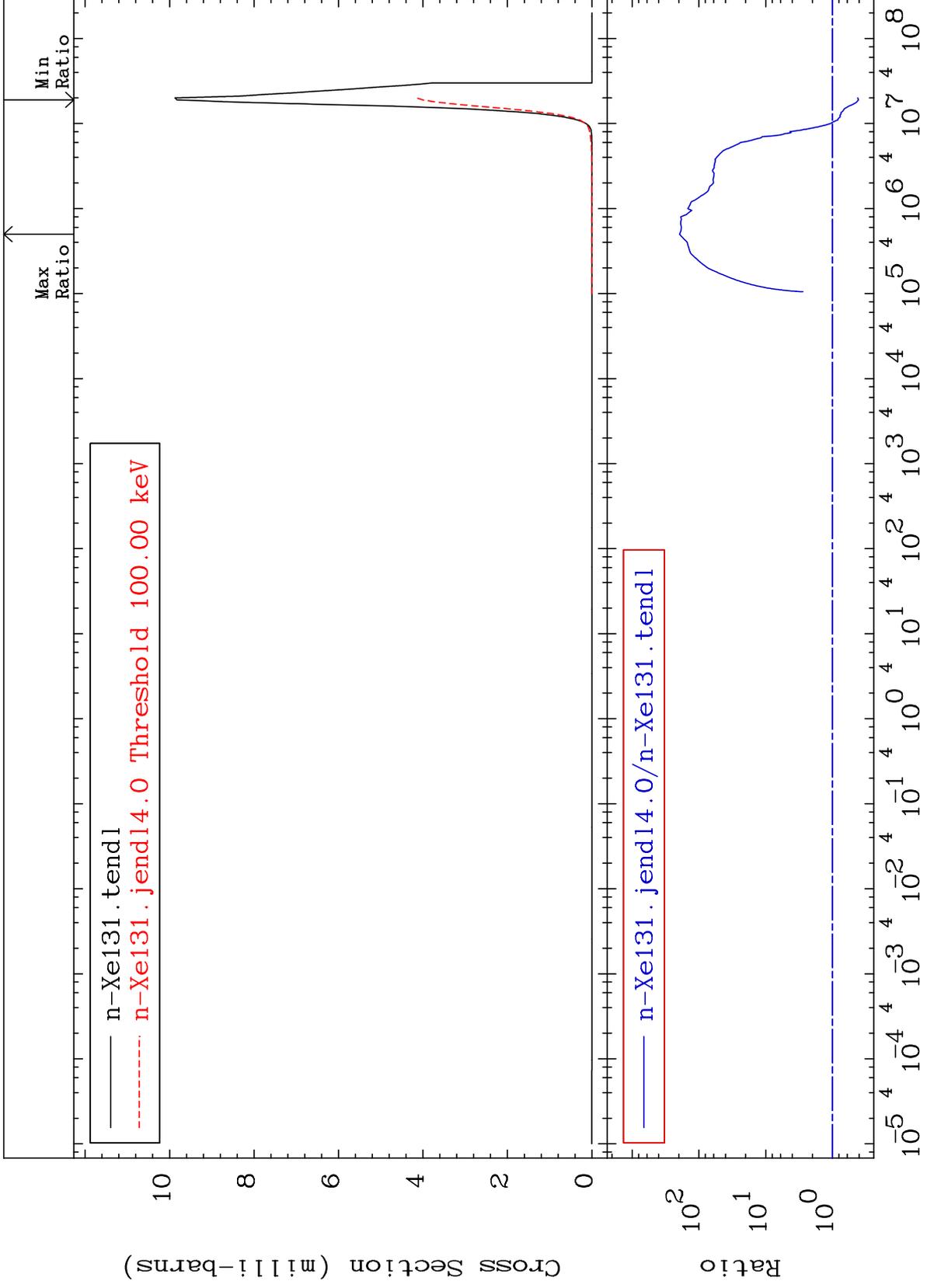
-100.0 To 9999. %

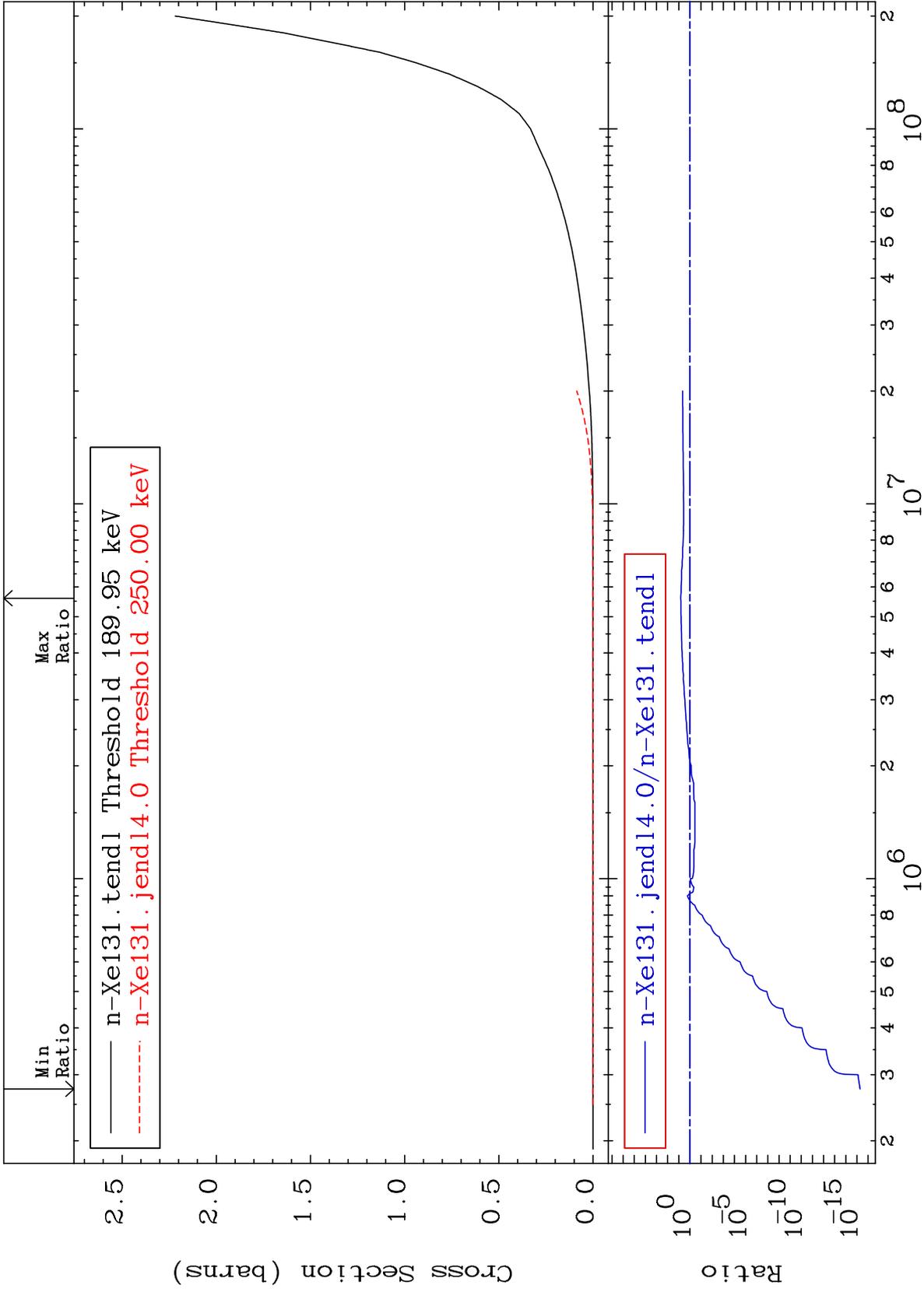


MAT 5446

(n,  $\alpha$ )  
Cross Section

54-Xe-131  
-59.19 To 9999. %

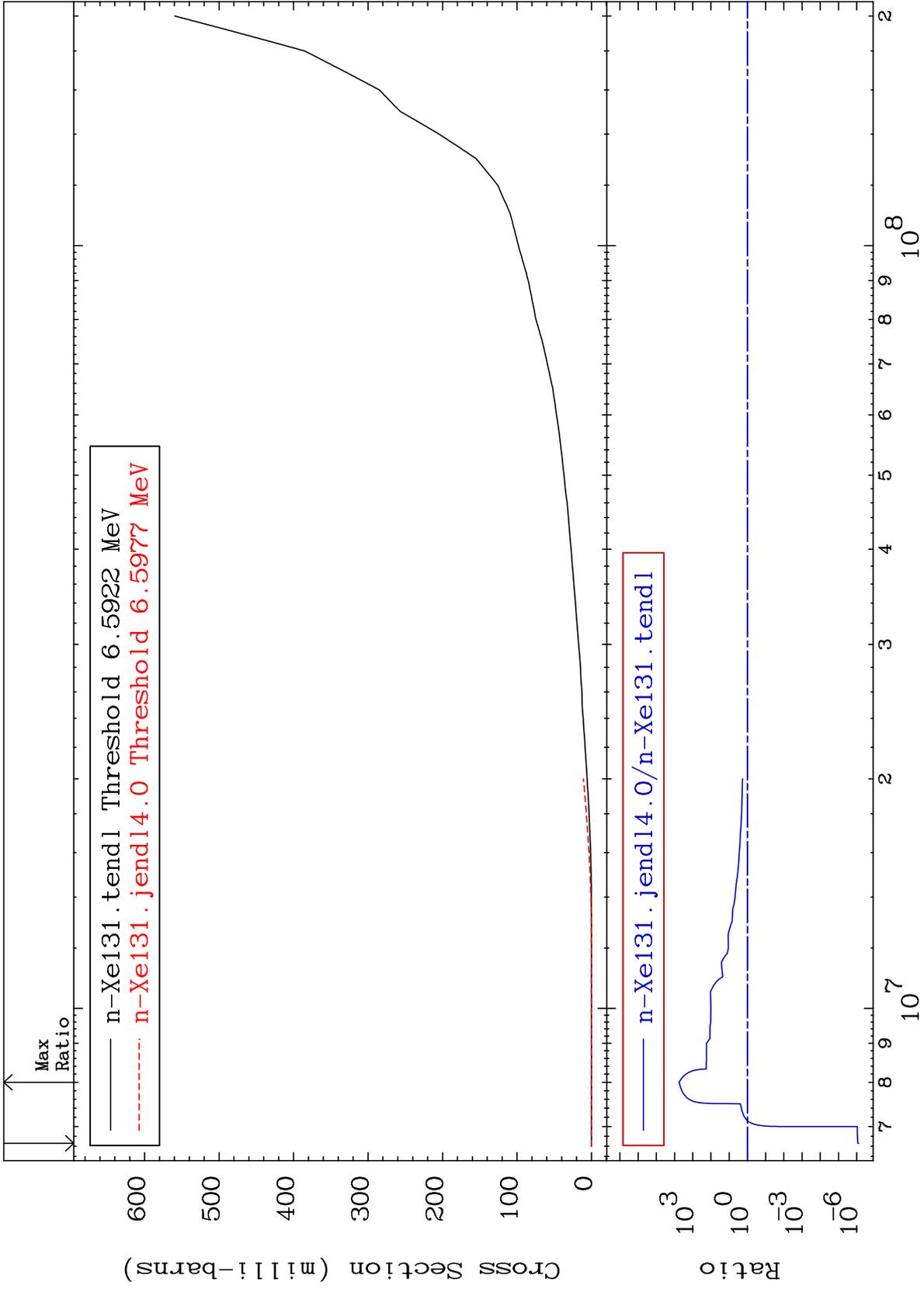




MAT 5446

Deuterium Production  
Cross Section

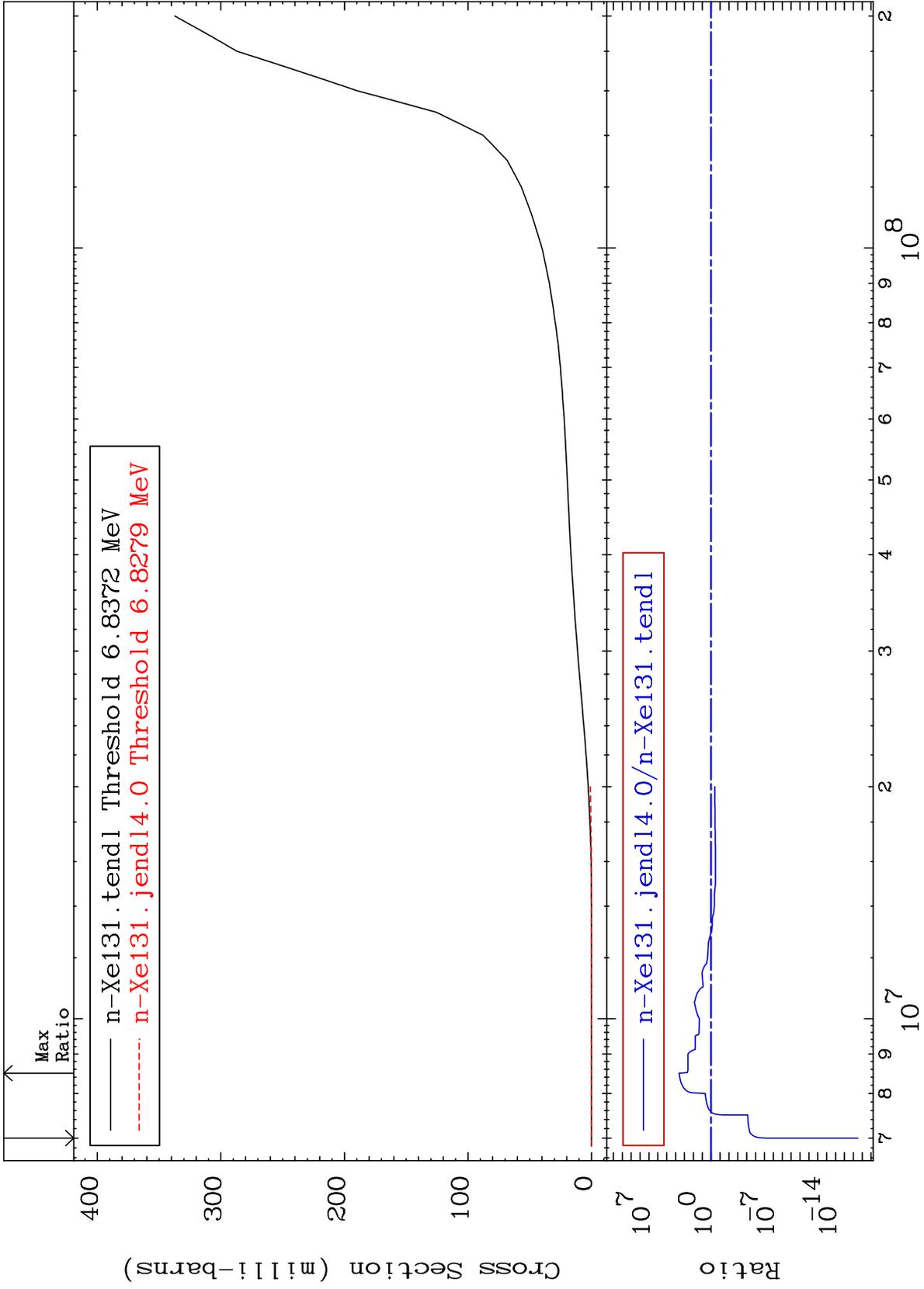
54-Xe-131  
-100.0 To 9999. %



MAT 5446

Tritium Production  
Cross Section

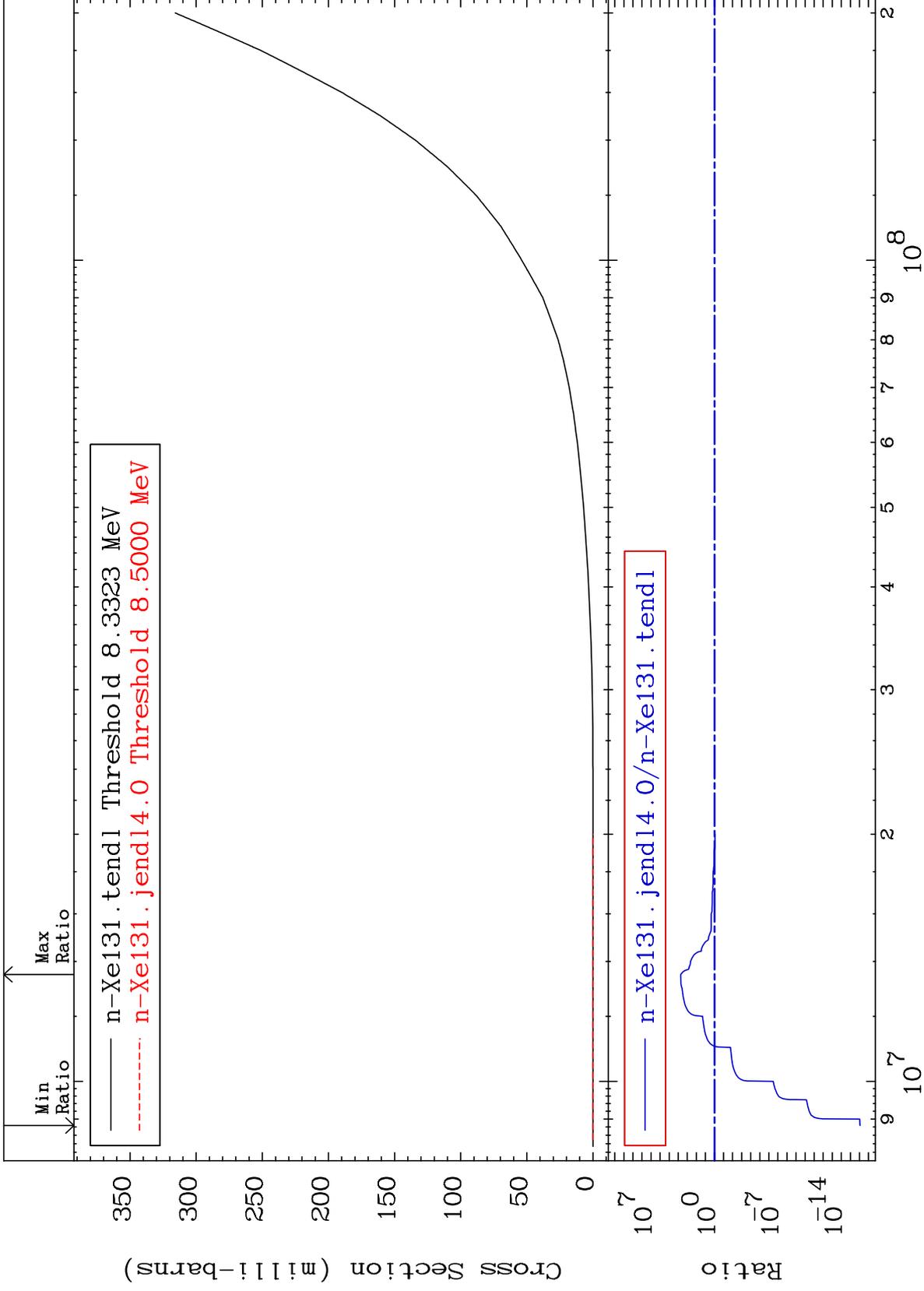
54-Xe-131  
-100.0 To 9999. %



MAT 5446

He-3 Production  
Cross Section

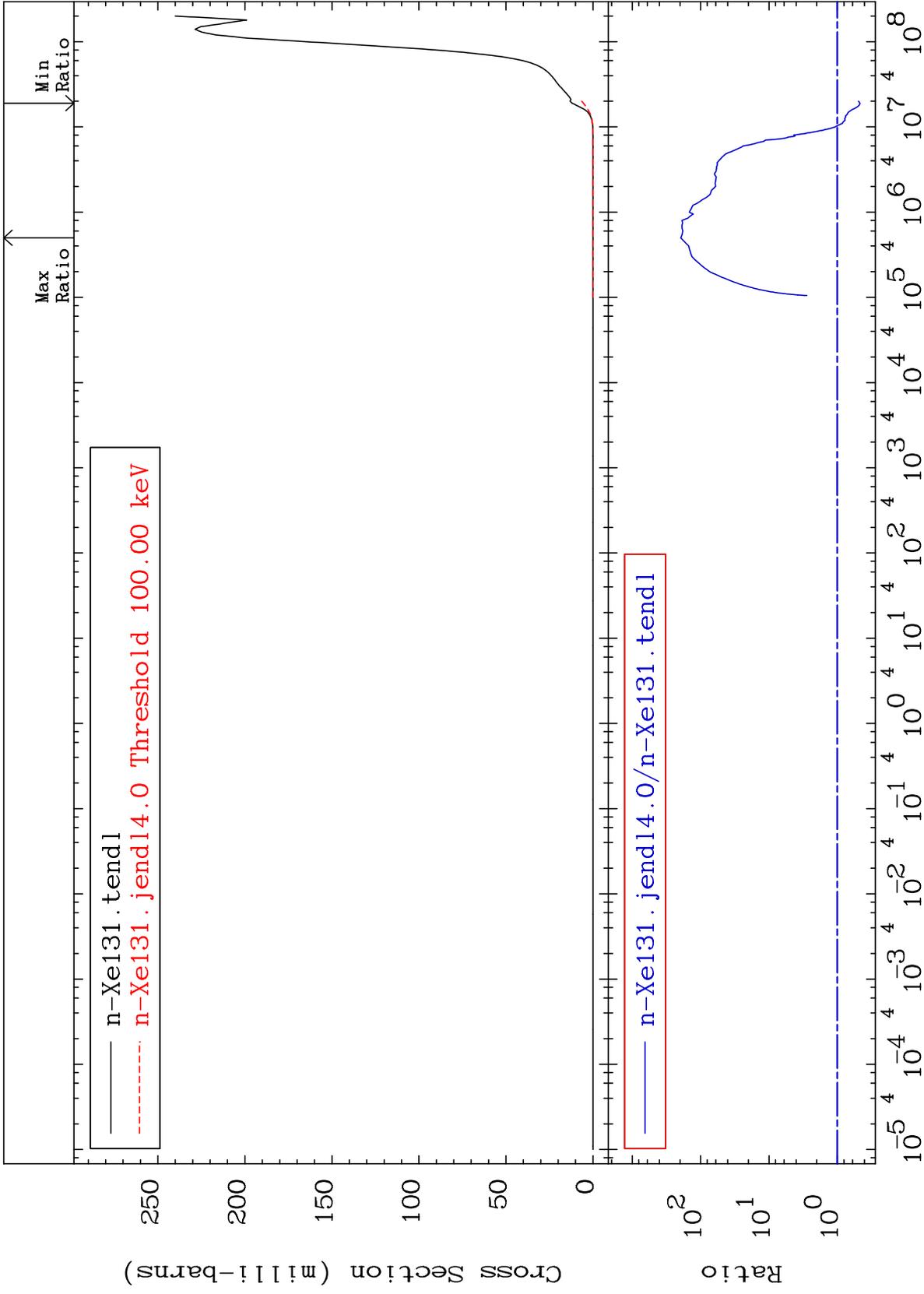
54-Xe-131  
-100.0 To 9999. %



28

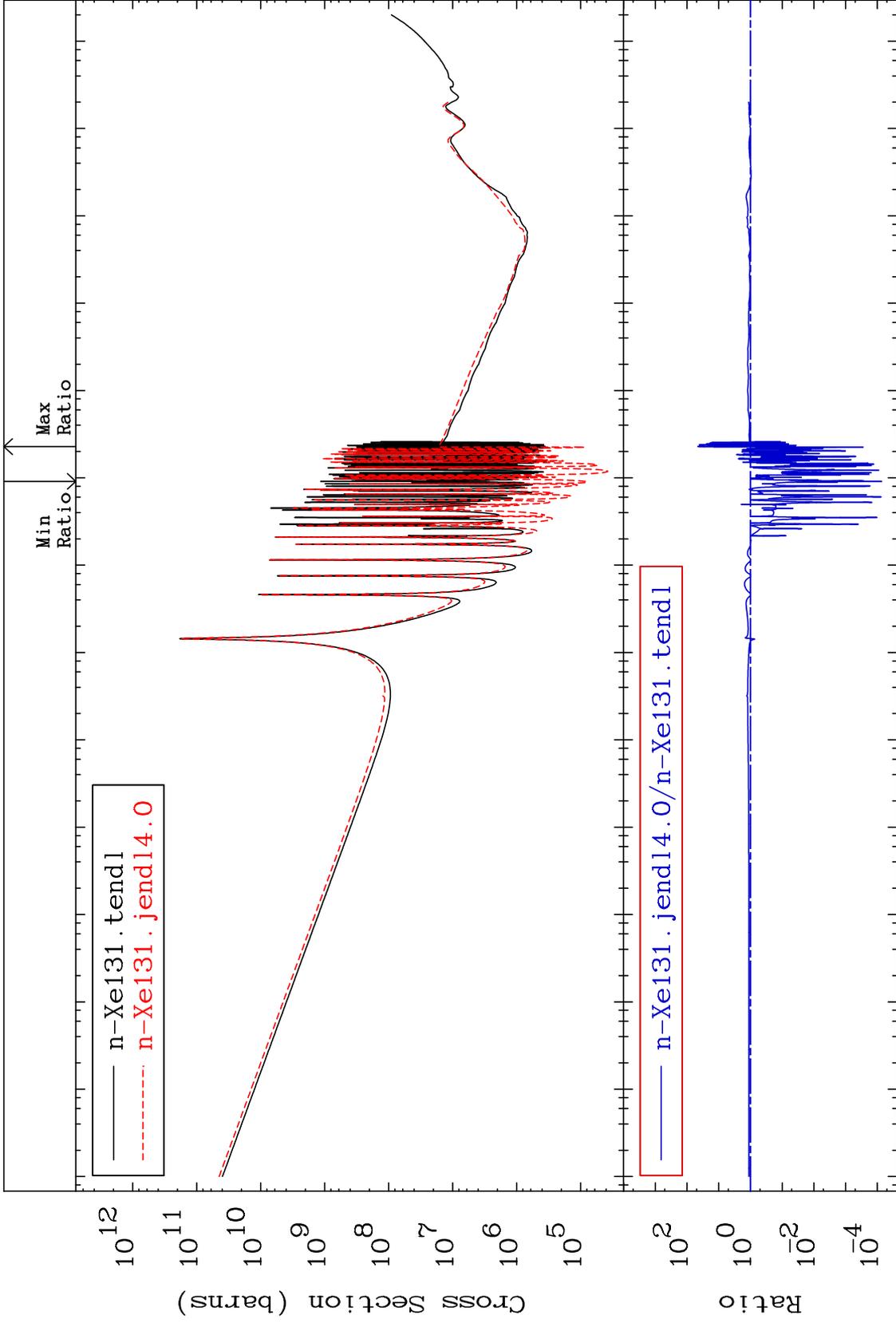
Incident Energy (eV)

54-Xe-131



Cross Section

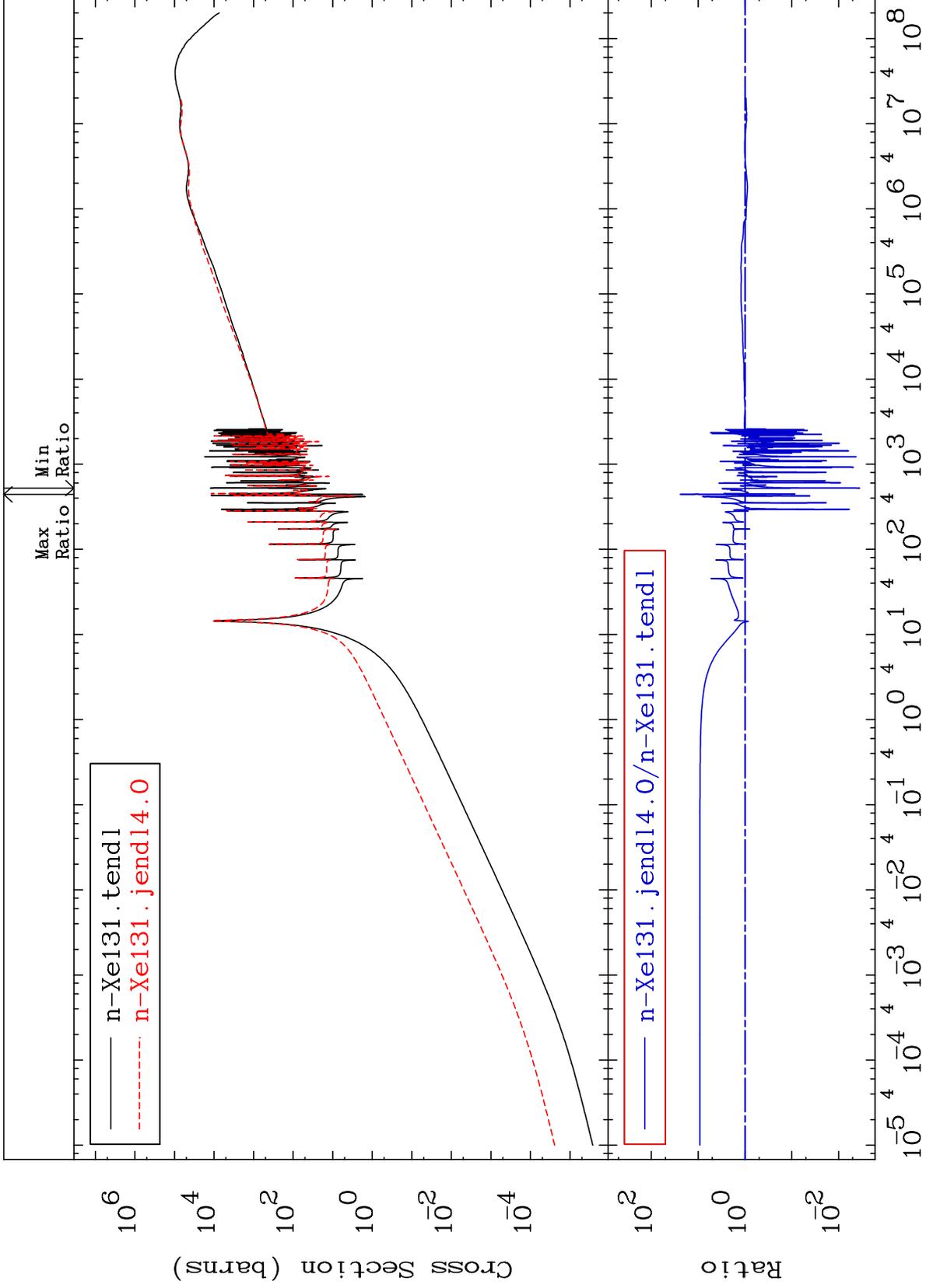
-99.99 To 4484. %



MAT 5446

Kerma elastic  
Cross Section

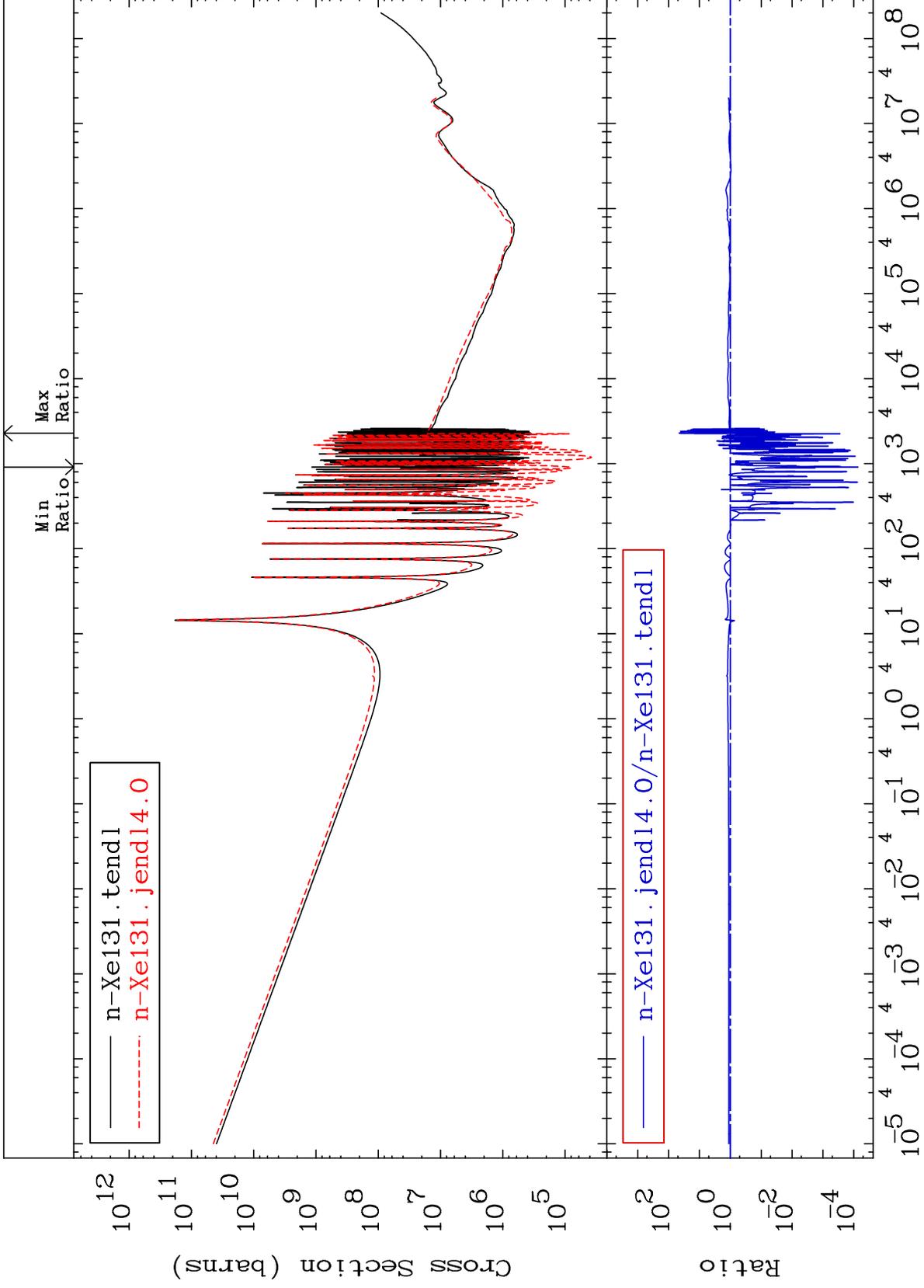
54-Xe-131  
-99.65 To 2277. %

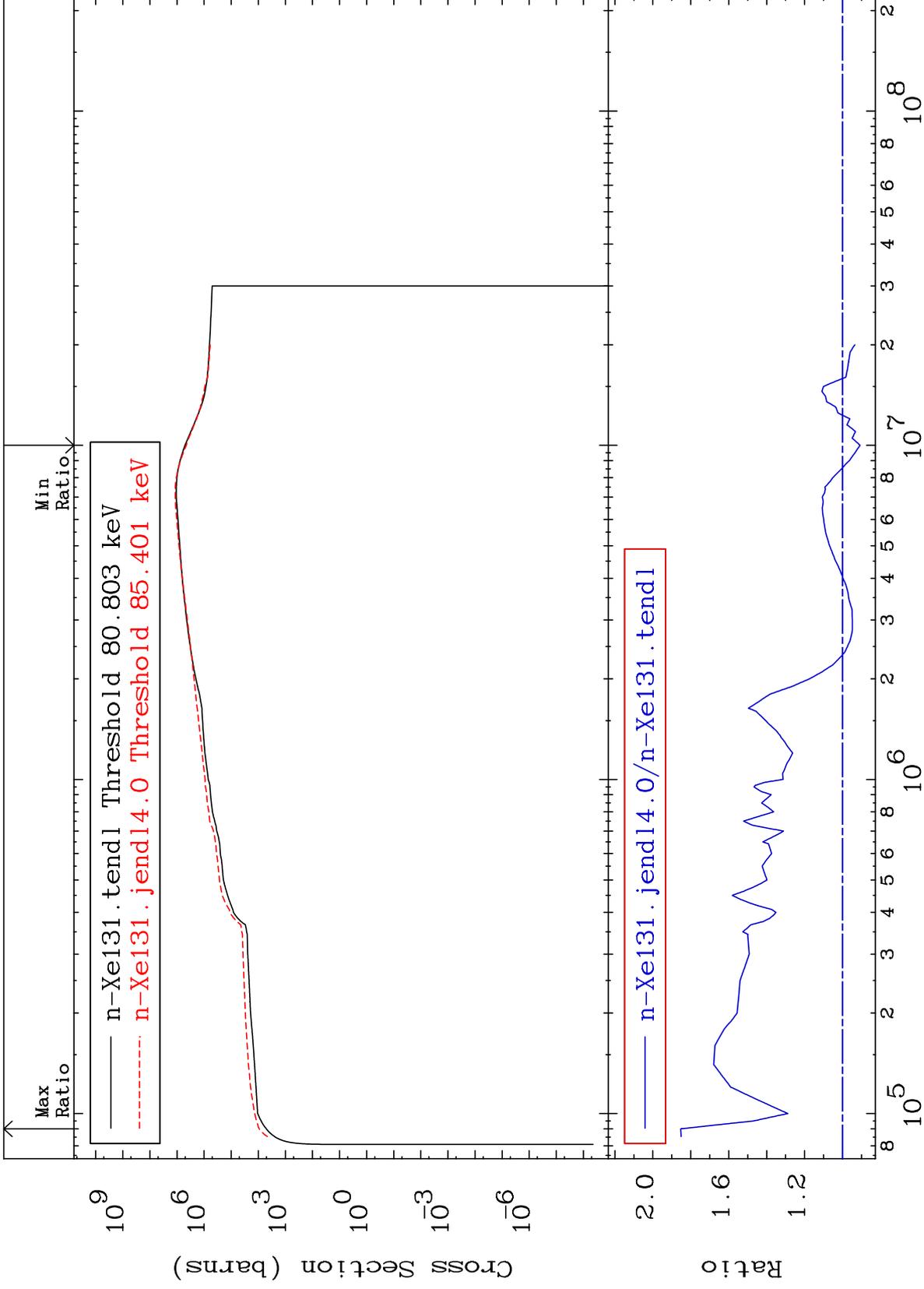


MAT 5446

Kerma non-elastic (all but mt2)  
Cross Section

54-Xe-131  
-99.99 To 4487. %

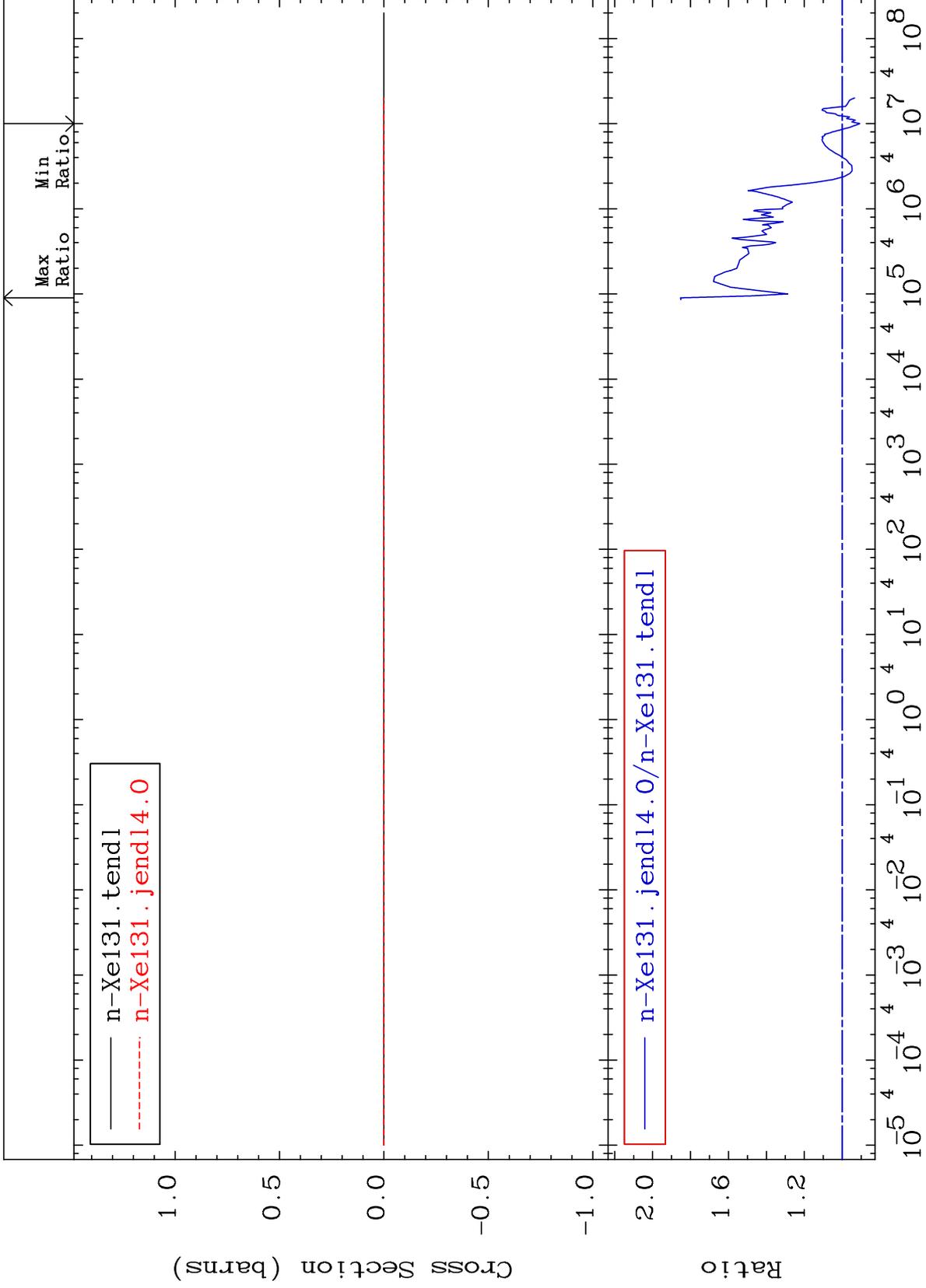


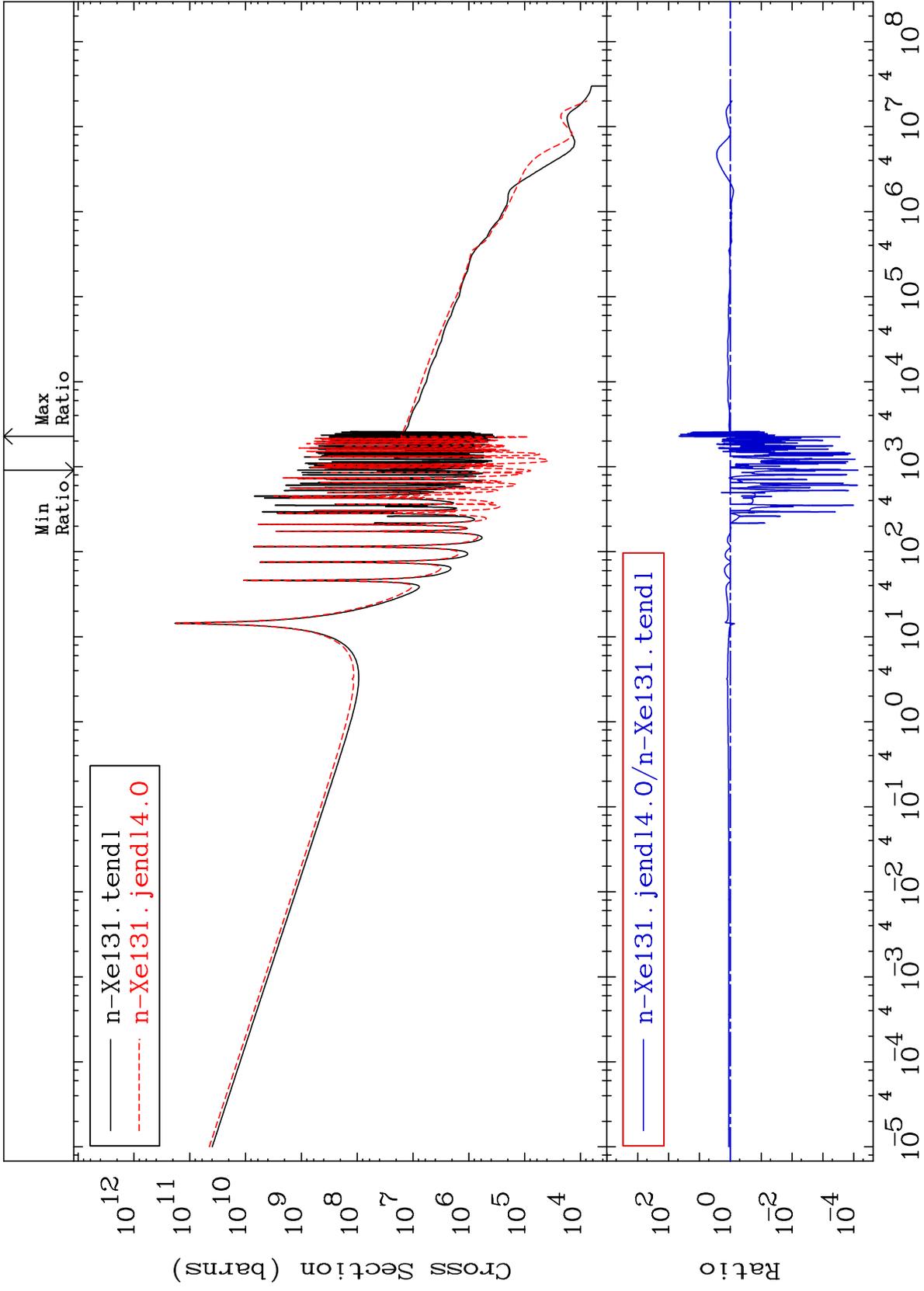


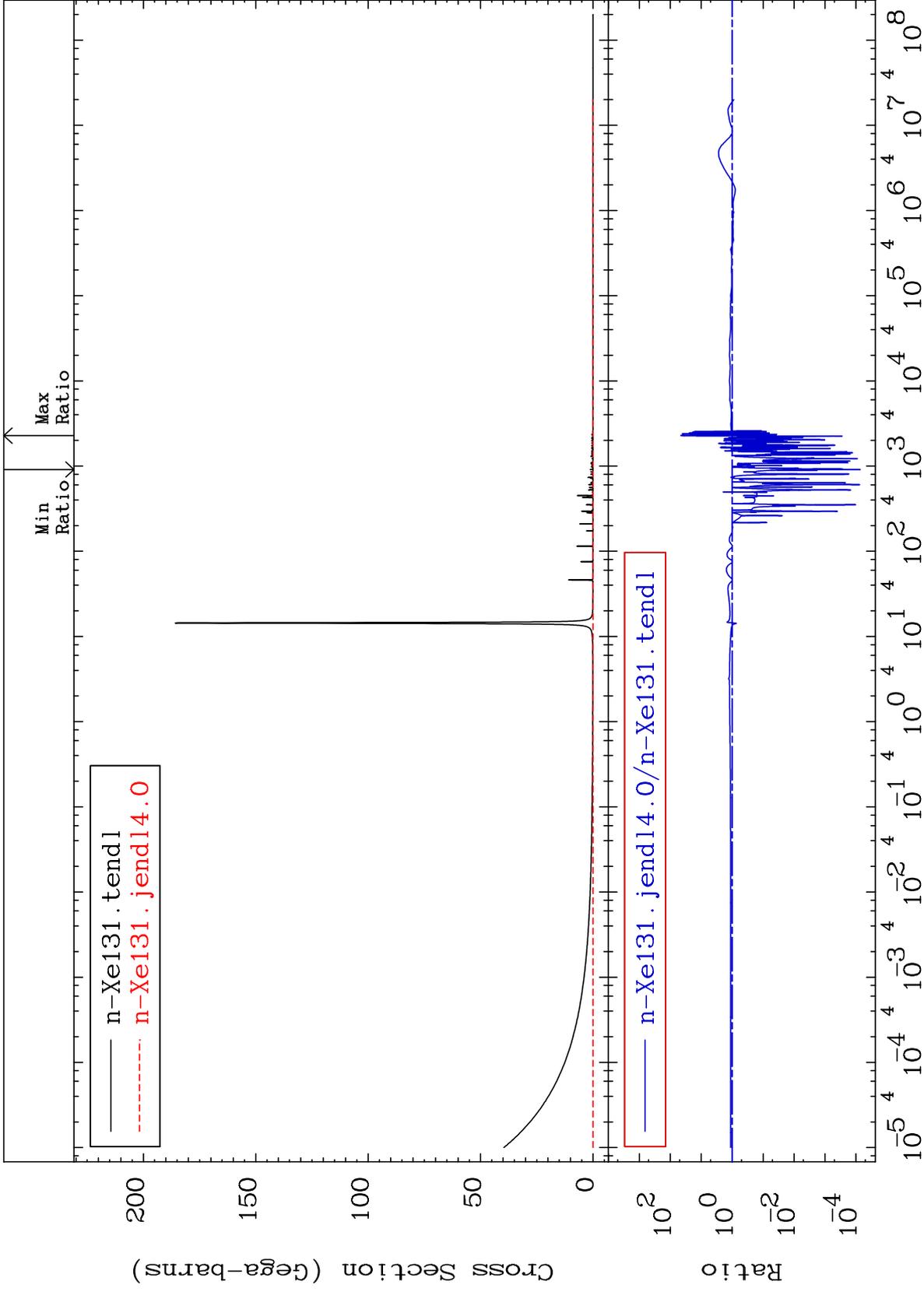
MAT 5446

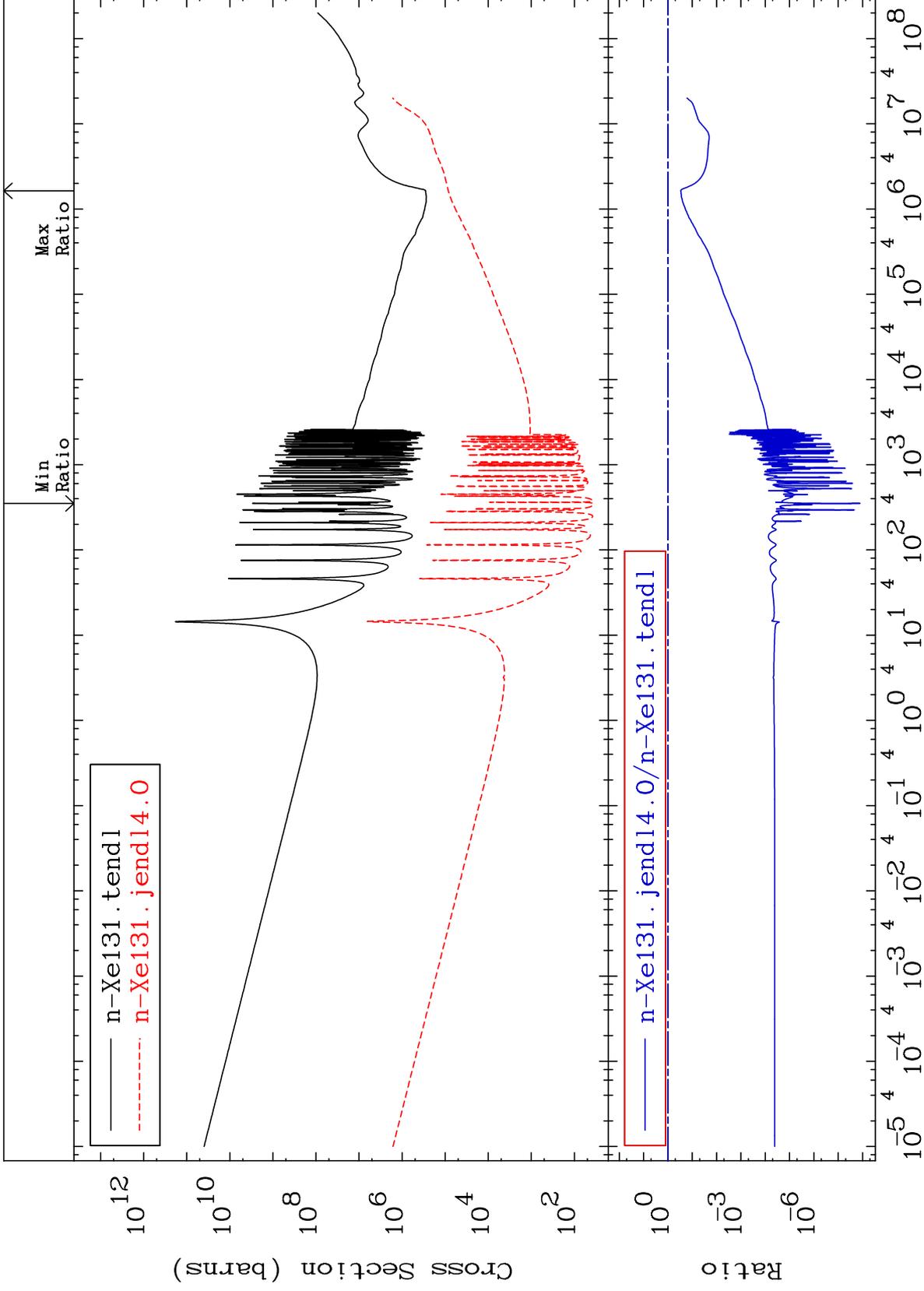
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

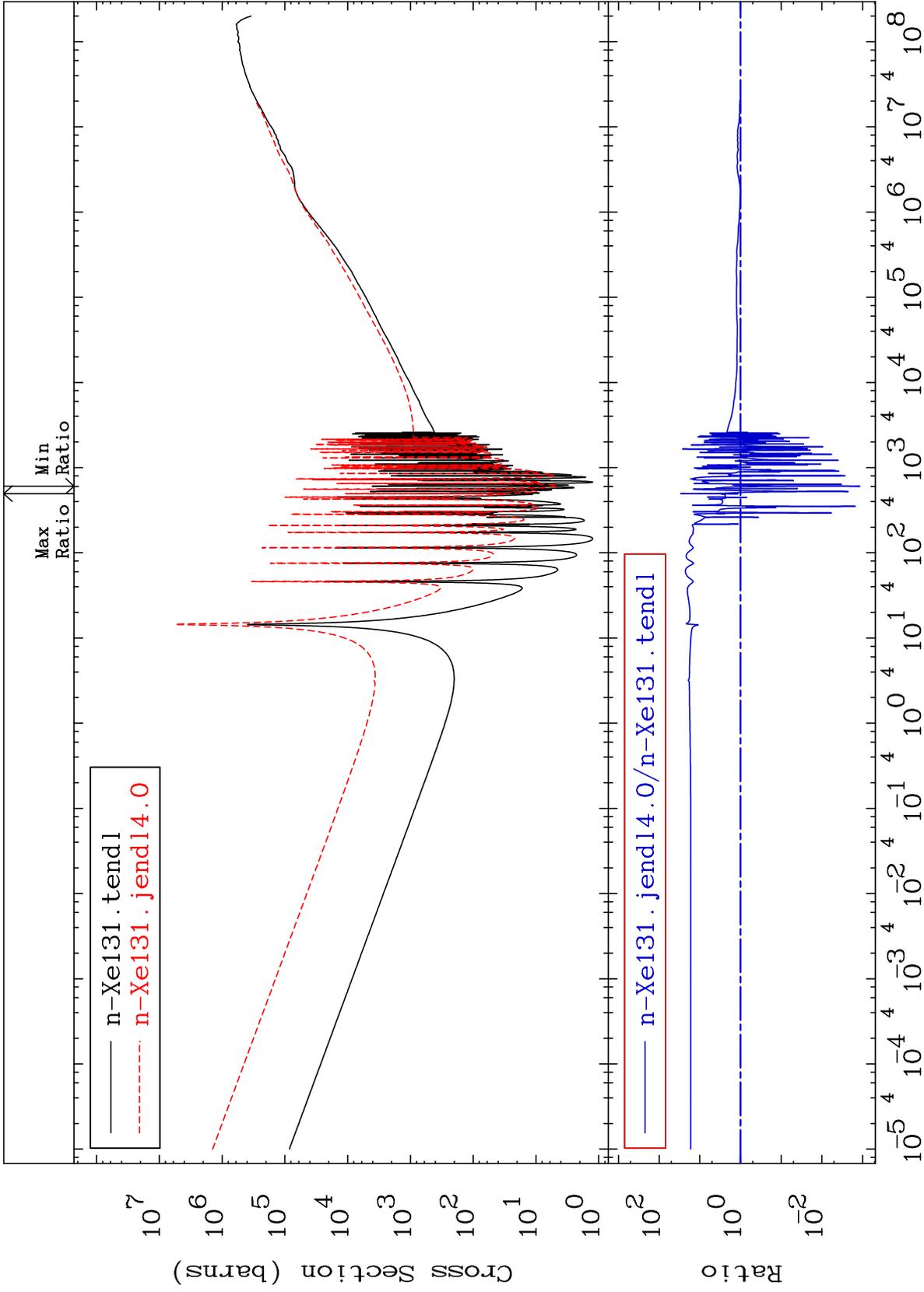
54-Xe-131  
-9.253 To 85.27 %







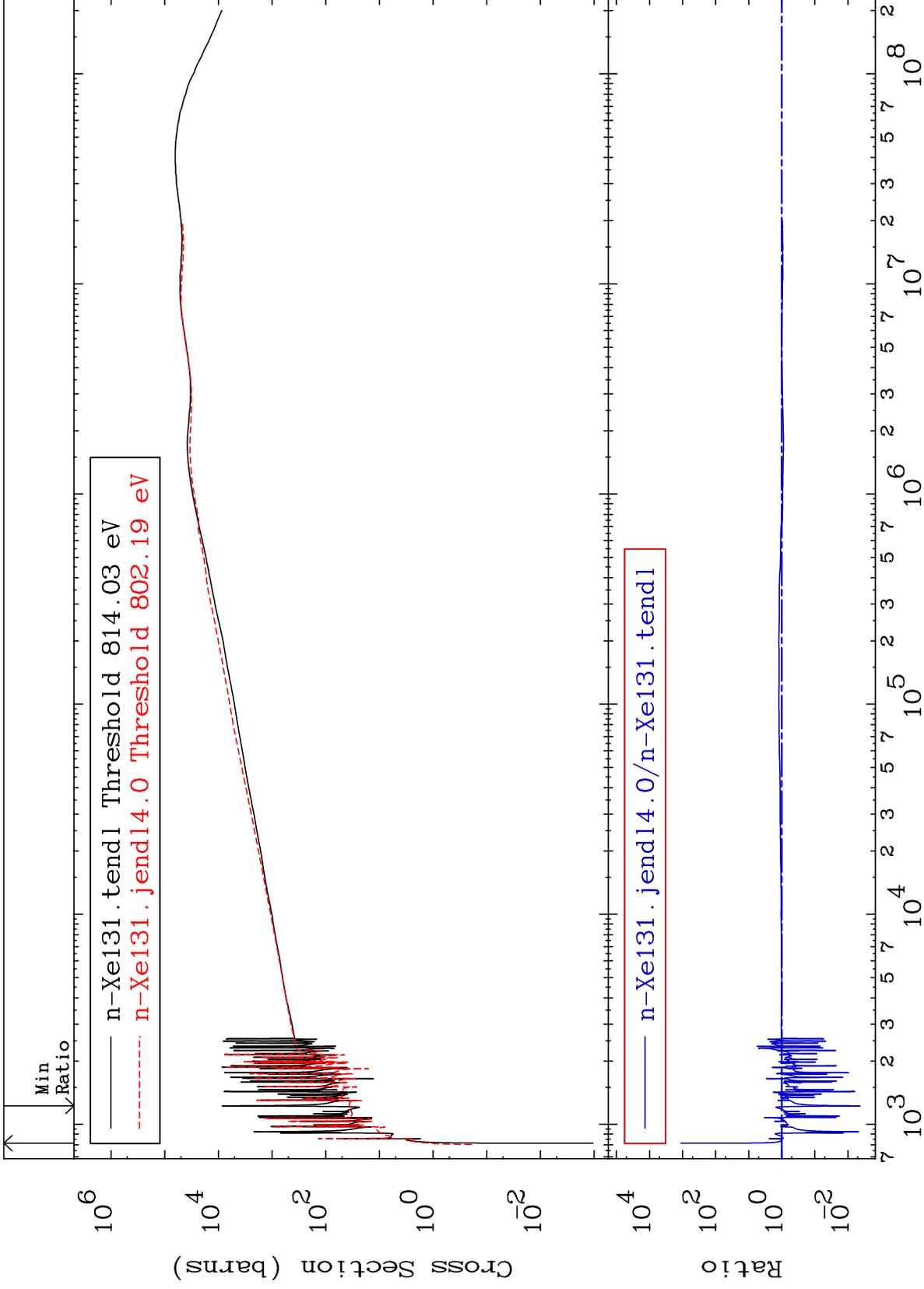




MAT 5446

Dpa elastic (mt2)  
Cross Section

54-Xe-131  
-99.57 To 9999. %



39

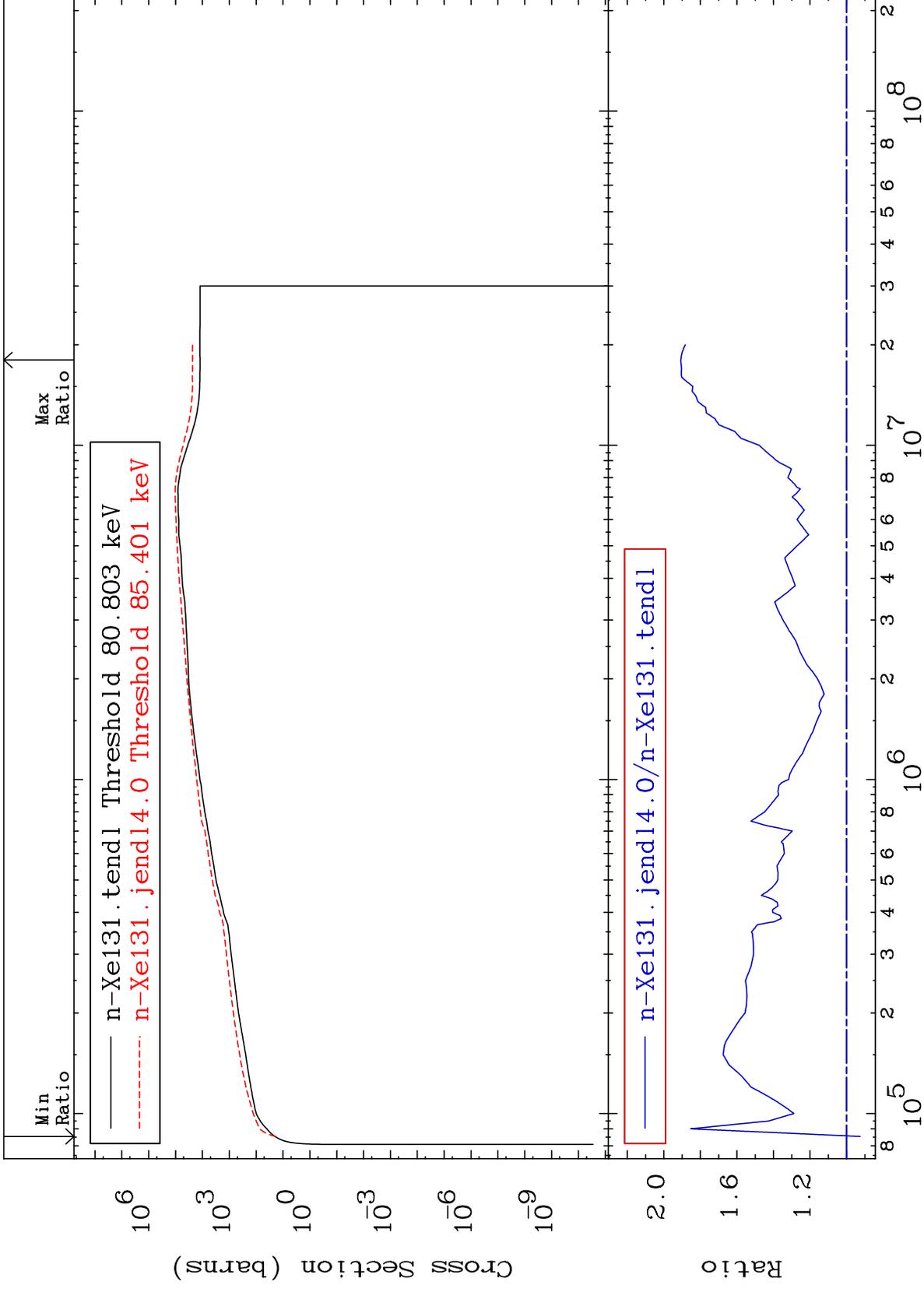
Incident Energy (eV)

54-Xe-131

MAT 5446

Dpa inelastic (mt51-91)  
Cross Section

54-Xe-131  
-7.365 To 90.74 %



40

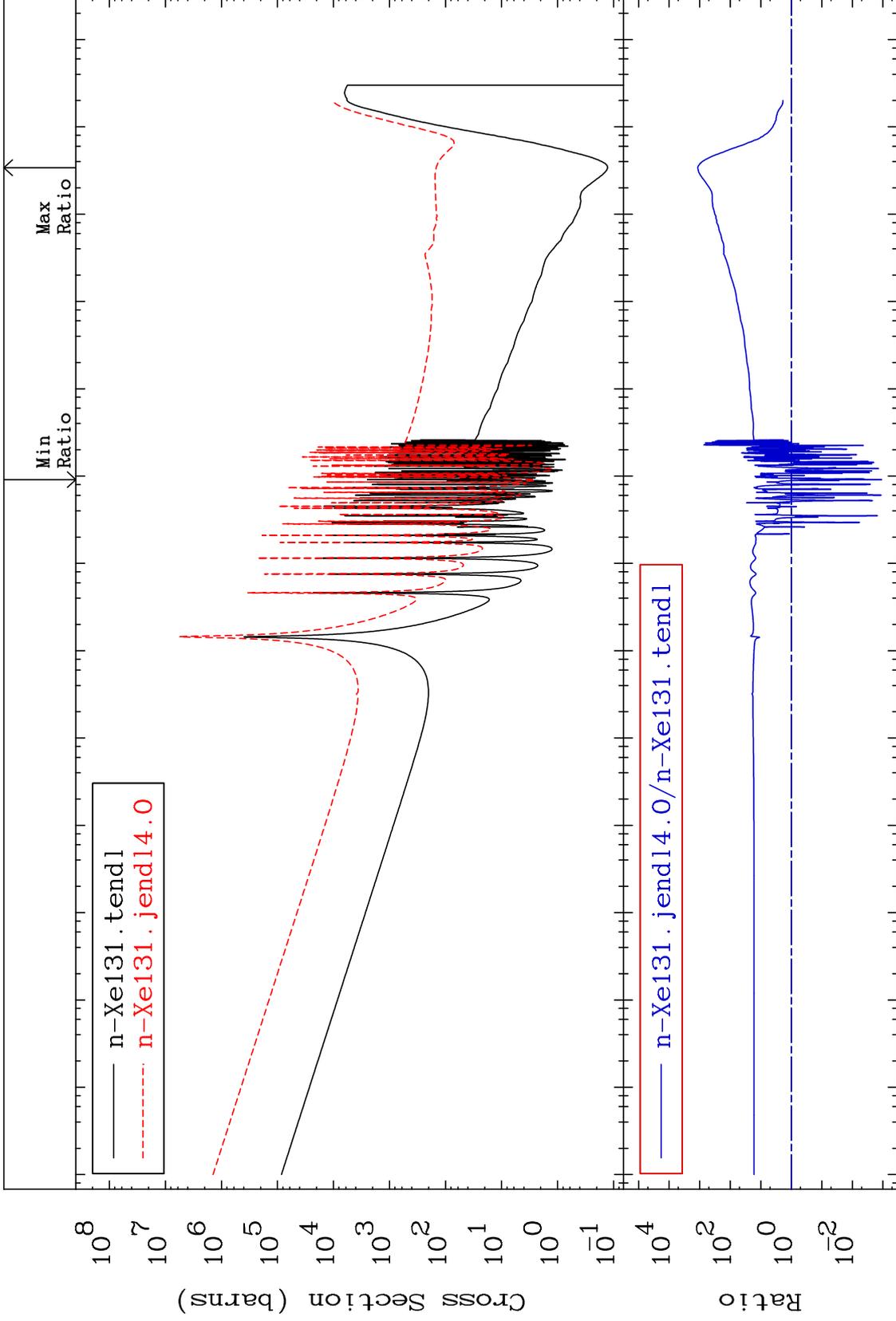
Incident Energy (eV)

54-Xe-131

MAT 5446

Dpa disappearance (mt102 -120)  
Cross Section

54-Xe-131  
-99.89 To 9999. %



41

Incident Energy (eV)

54-Xe-131