

Program Complot  
(Version 2015-2)

by

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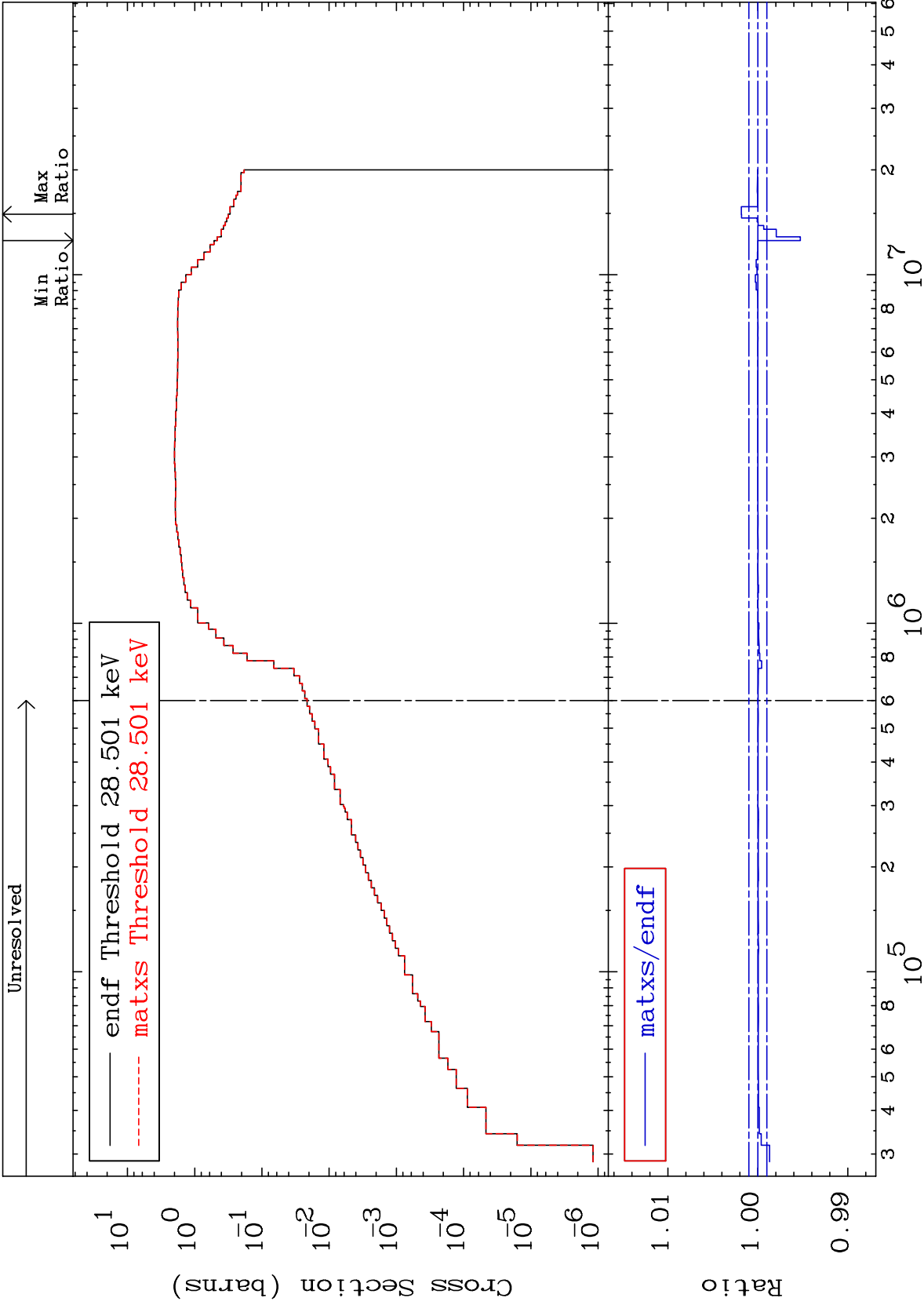
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 4125

Inelastic  
Cross Section

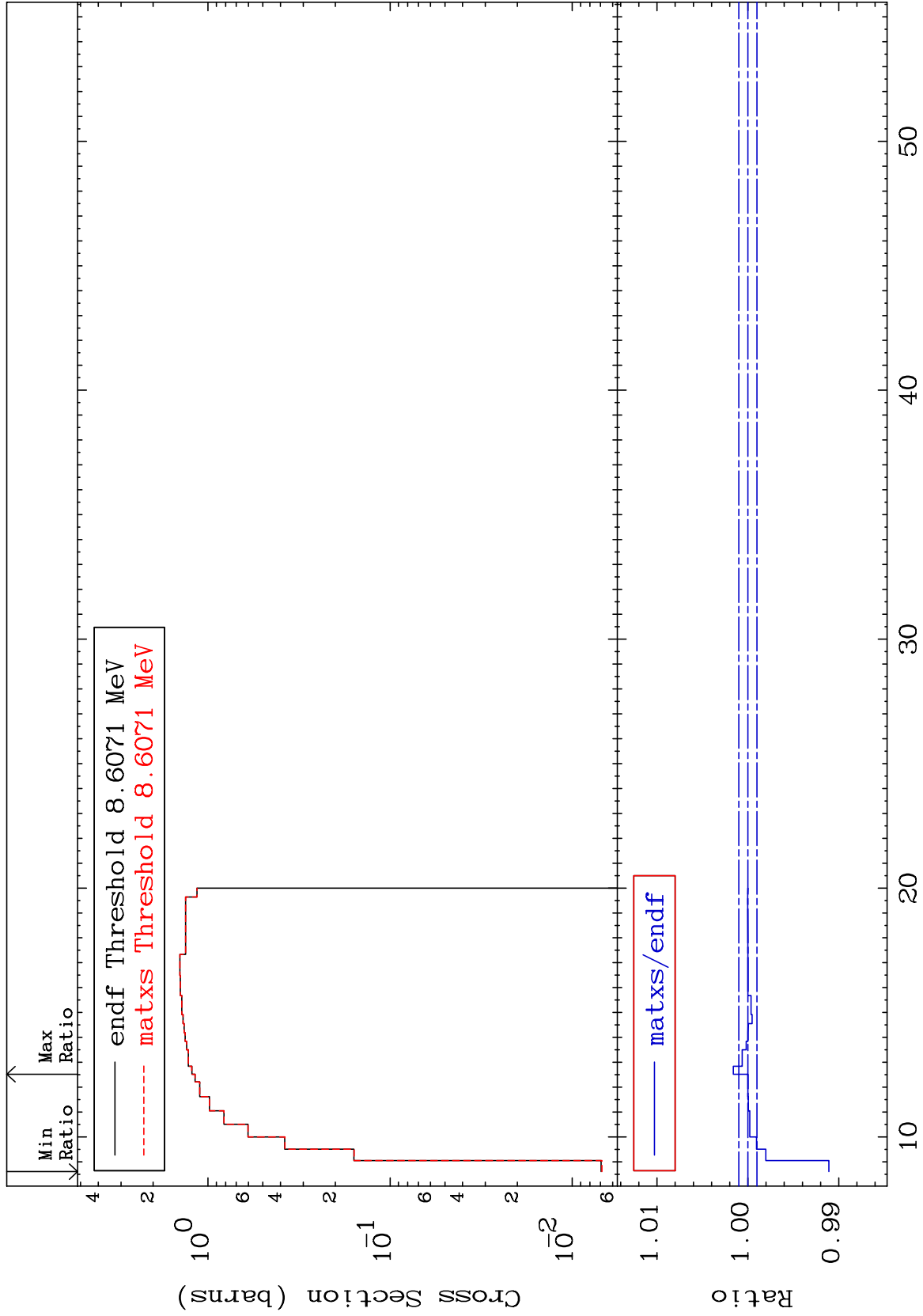
41-Nb-93  
-0.470 To 0.185 %



MAT 4125

(n,2n)  
Cross Section

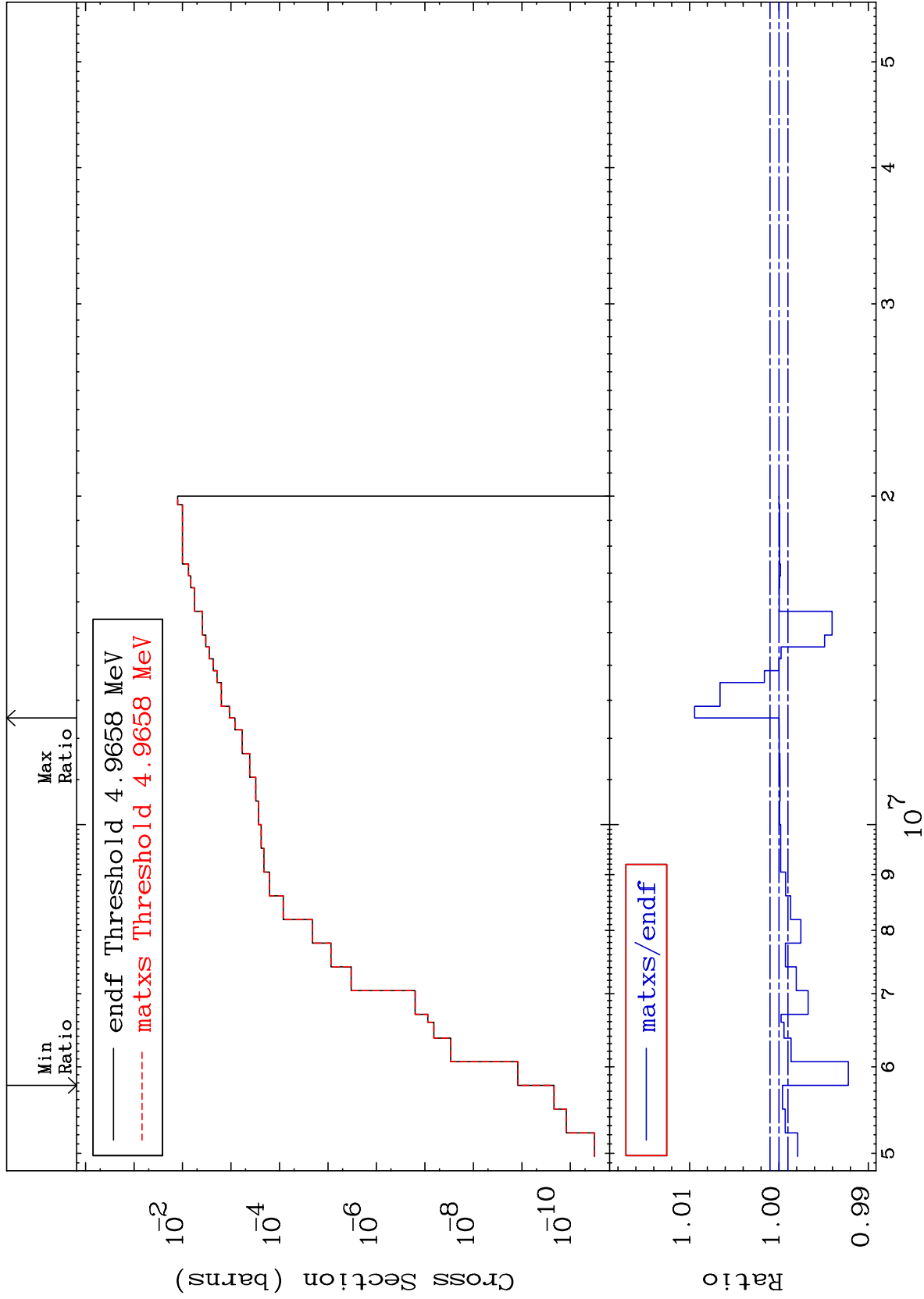
41-Nb-93  
-0.891 To 0.160 %



MAT 4125

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

41-Nb-93  
-0.776 To 0.944 %



3

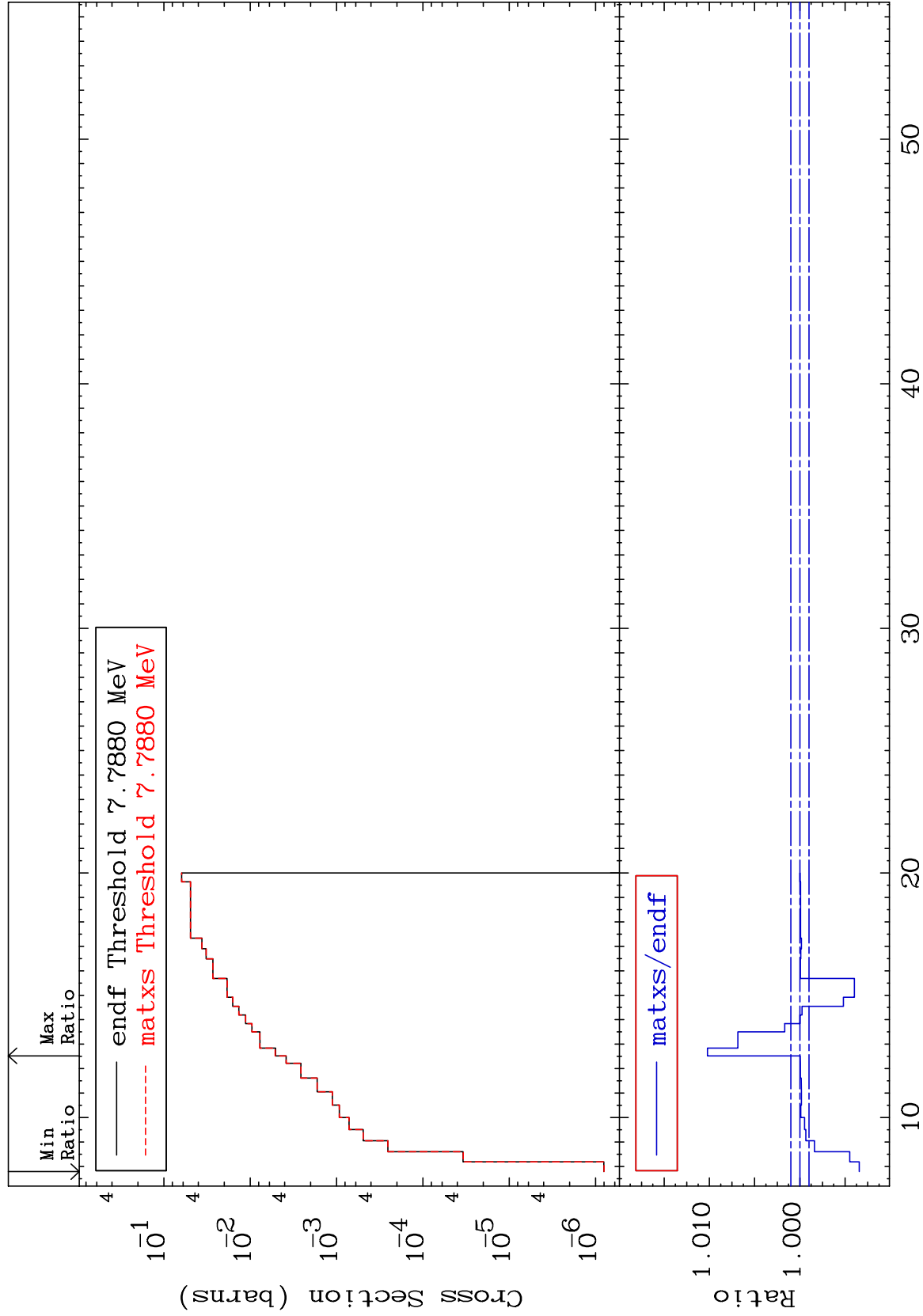
Incident Energy (eV)

41-Nb-93

MAT 4125

(n, n') p  
Cross Section

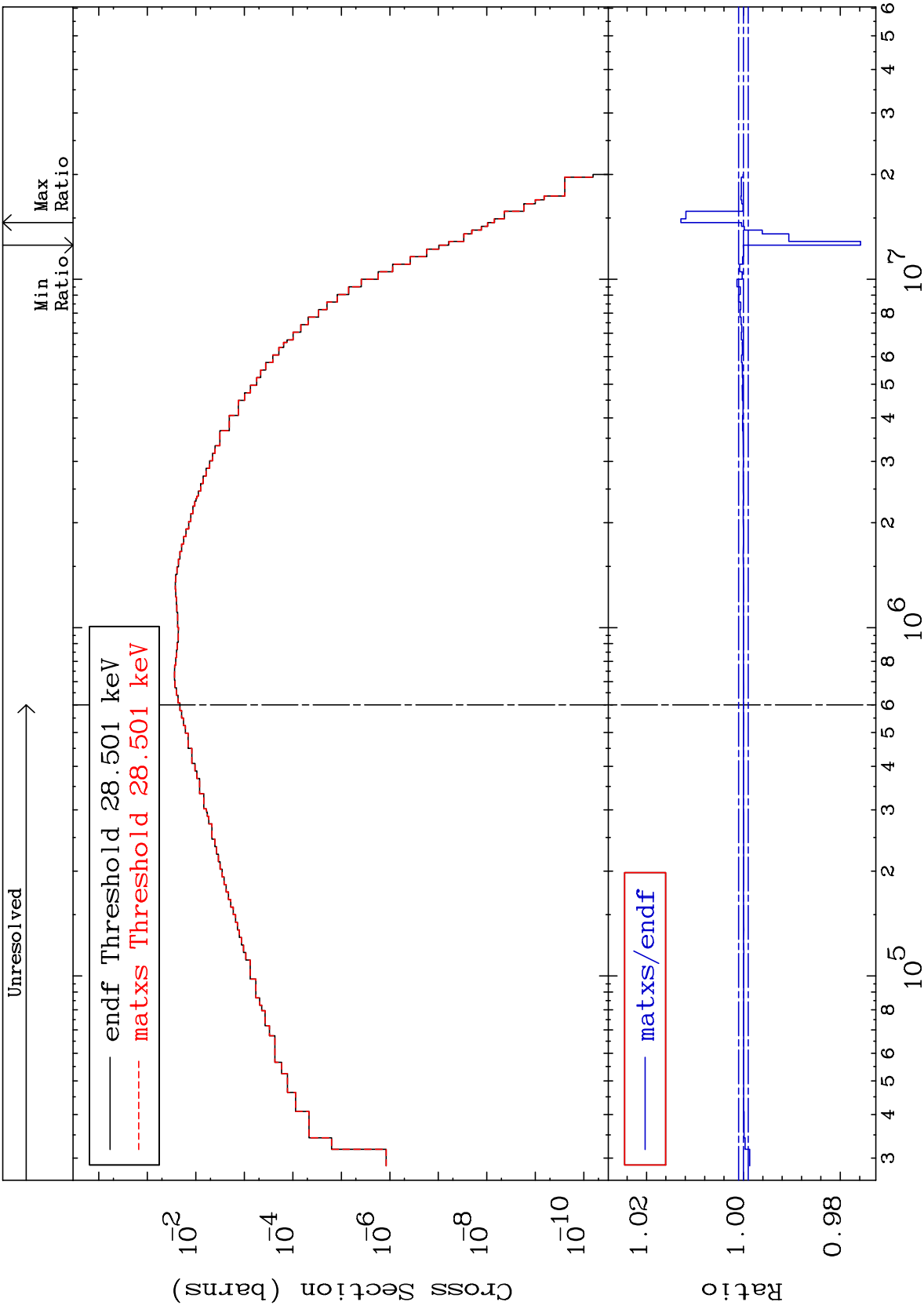
41-Nb-93  
-0.657 To 1.022 %



MAT 4125

30.40 keV (n,n') Level  
Cross Section

41-Nb-93  
-2.419 To 1.290 %



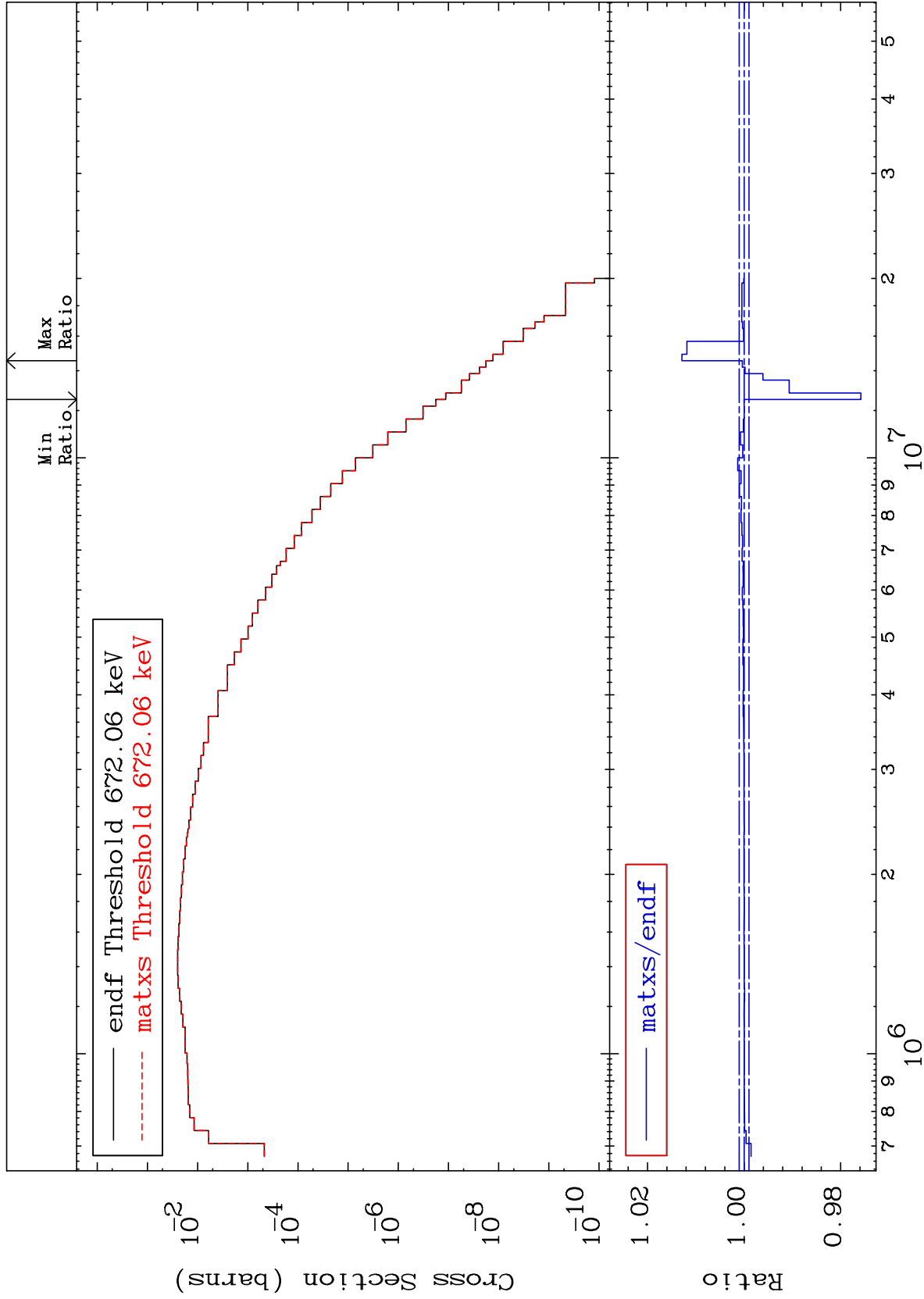
5

41-Nb-93

MAT 4125

686.0 keV (n,n') Level  
Cross Section

41-Nb-93  
-2.418 To 1.287 %



6

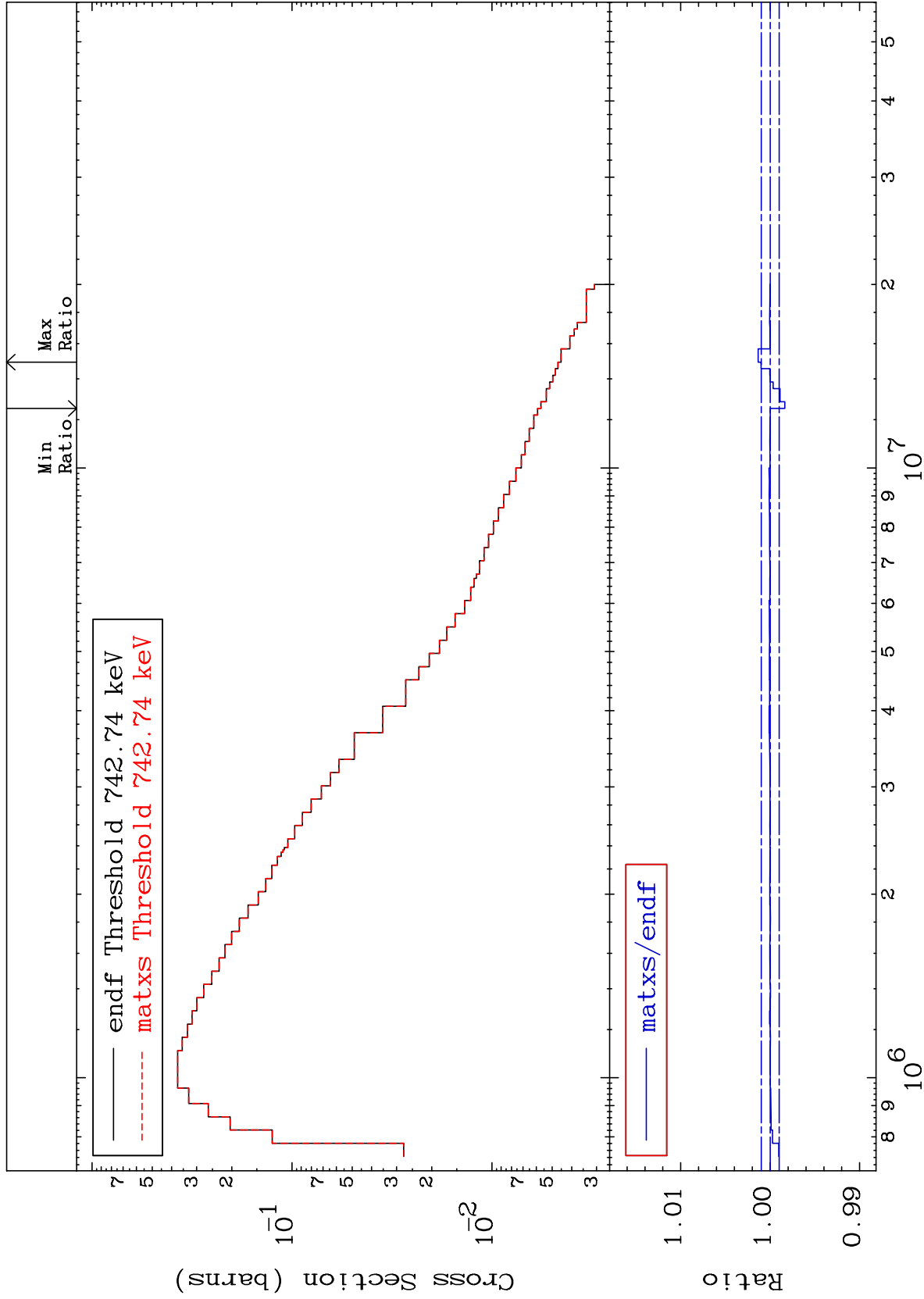
Incident Energy (eV)

41-Nb-93

MAT 4125

744.0 keV (n,n') Level  
Cross Section

41-Nb-93  
-0.163 To 0.136 %



7

Incident Energy (eV)

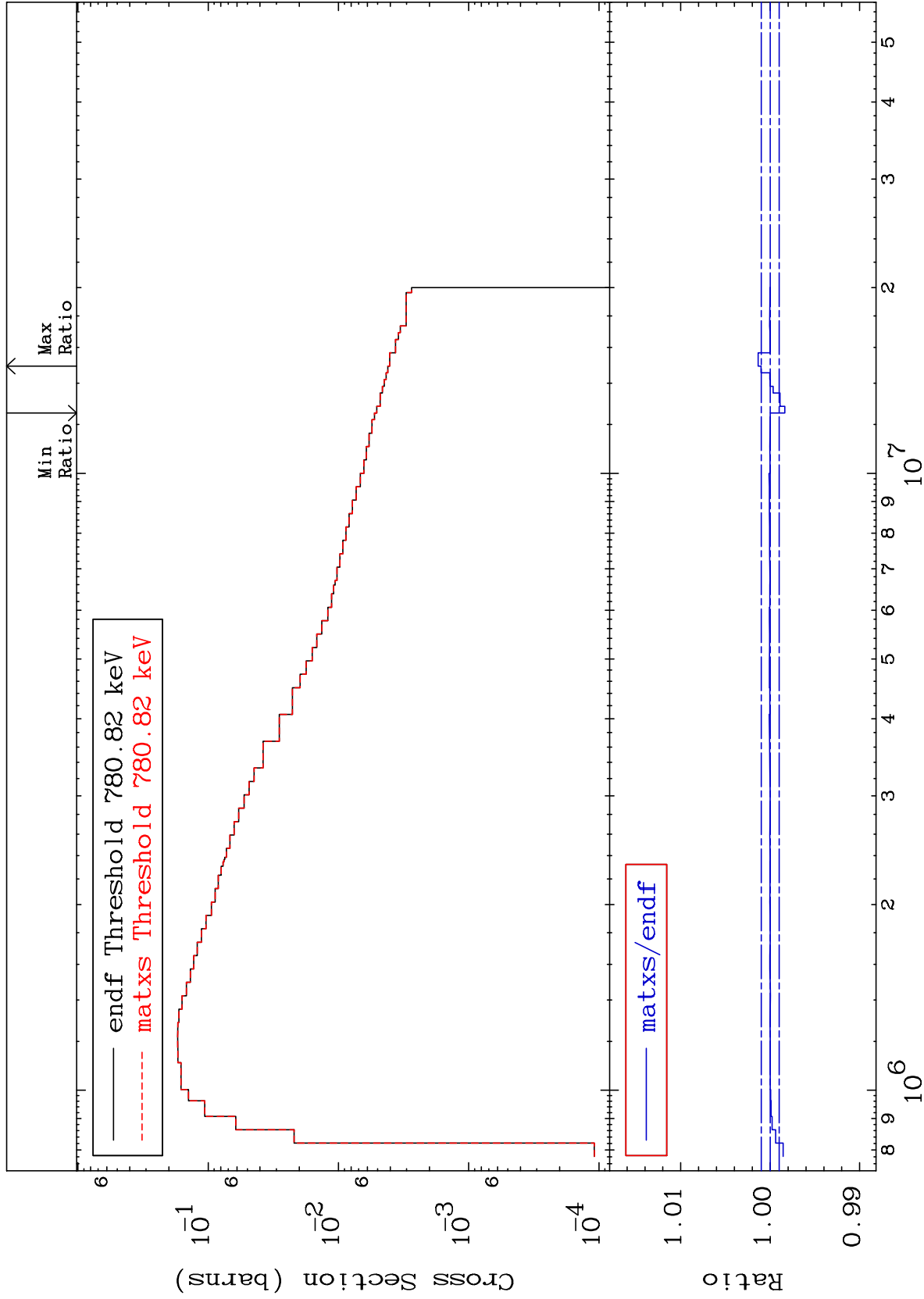
41-Nb-93



MAT 4125

808.7 keV (n,n') Level  
Cross Section

41-Nb-93  
-0.163 To 0.136 %



8

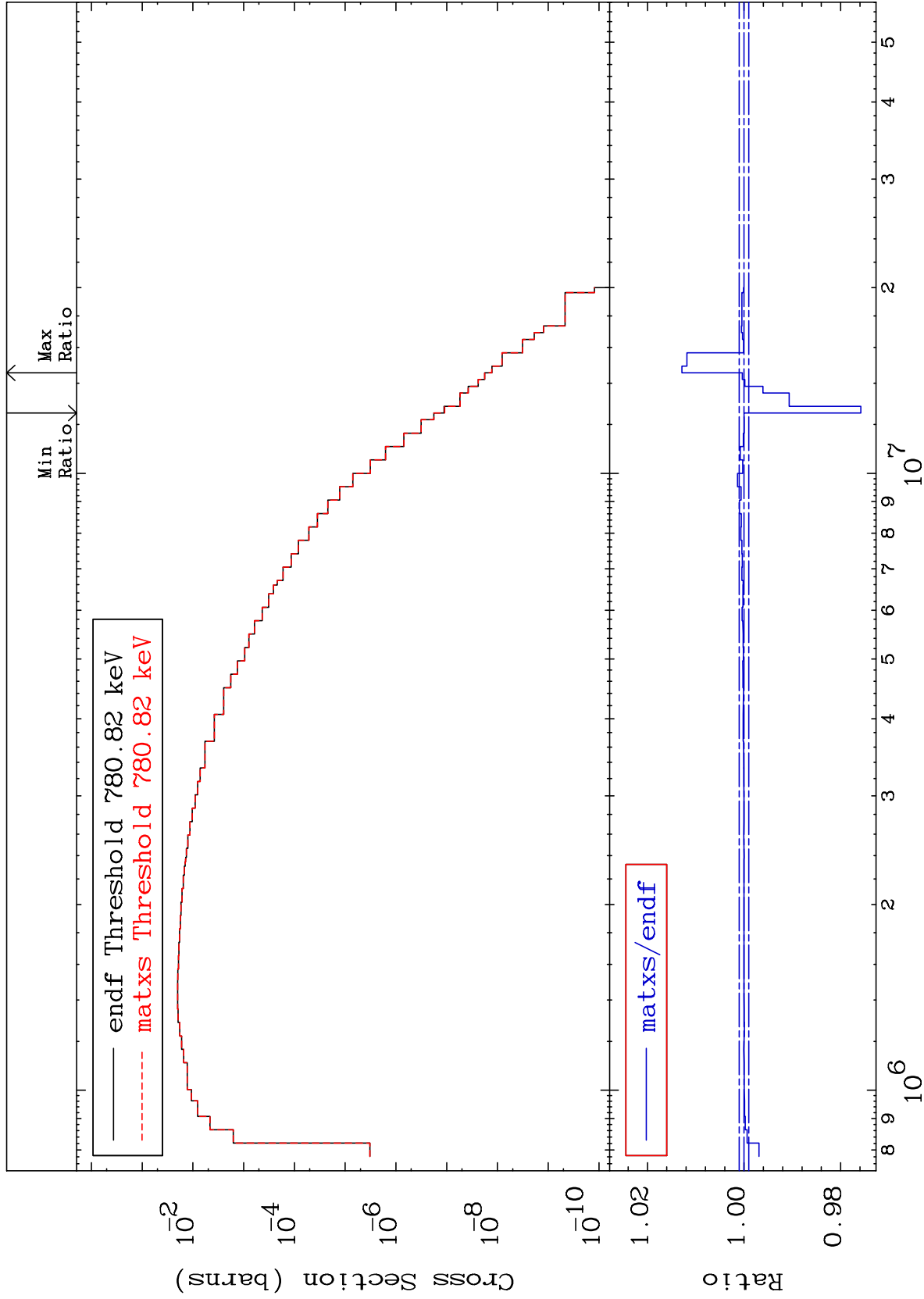
Incident Energy (eV)

41-Nb-93

MAT 4125

810.1 keV (n,n') Level  
Cross Section

41-Nb-93  
-2.419 To 1.286 %



9

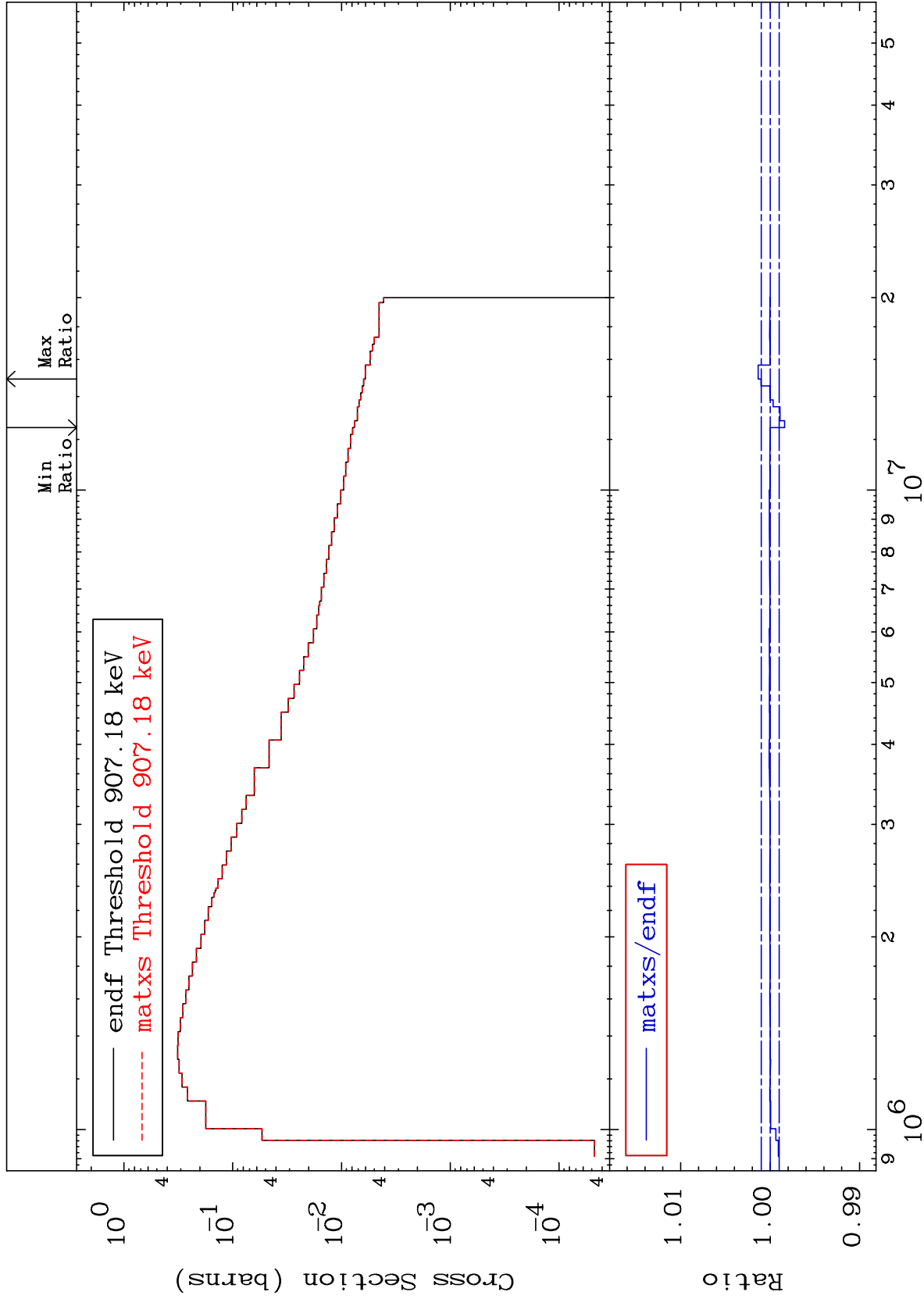
Incident Energy (eV)

41-Nb-93

MAT 4125

949.9 keV (n,n') Level  
Cross Section

41-Nb-93  
-0.162 To 0.135 %

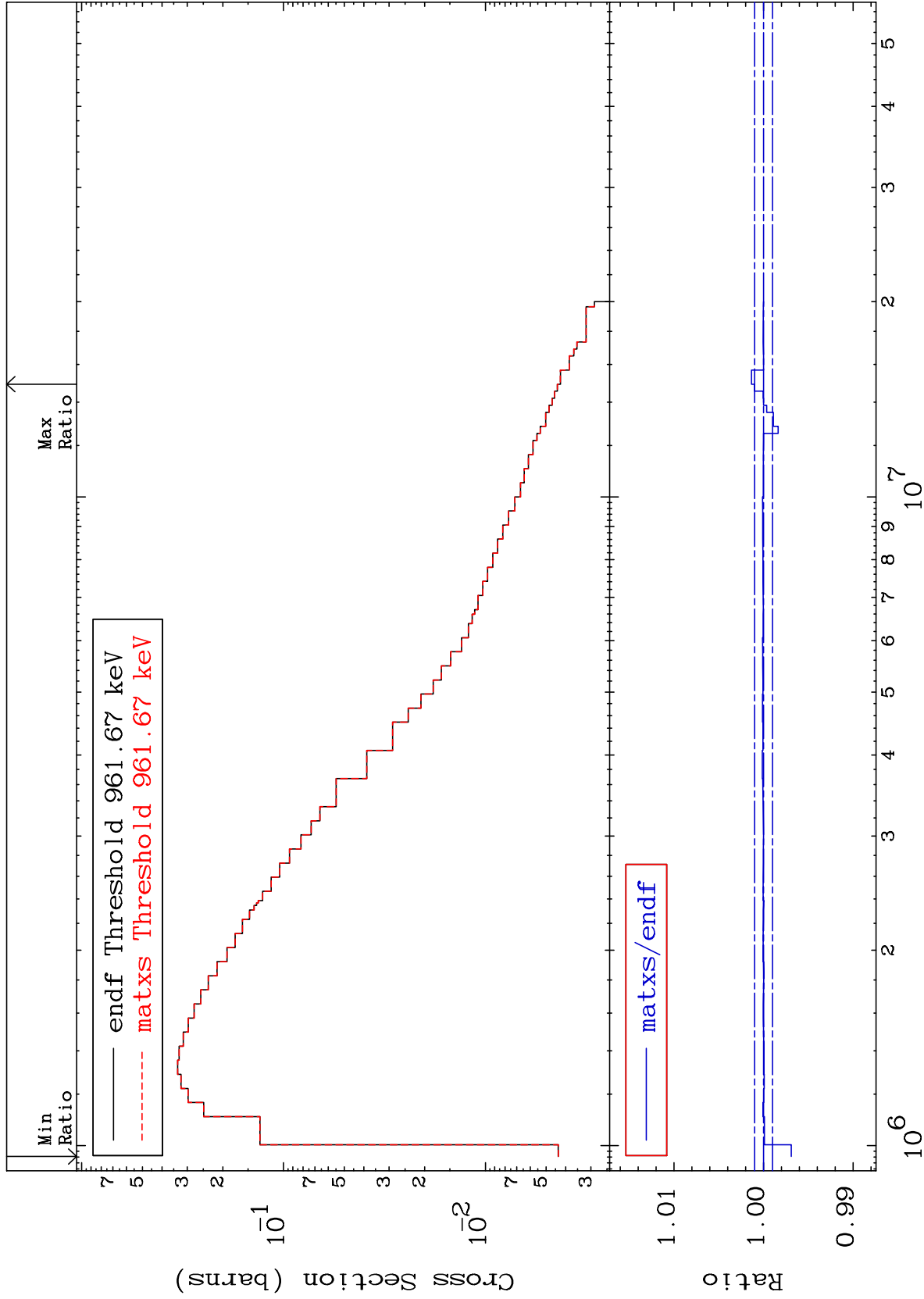


41-Nb-93

MAT 4125

979.1 keV (n,n') Level  
Cross Section

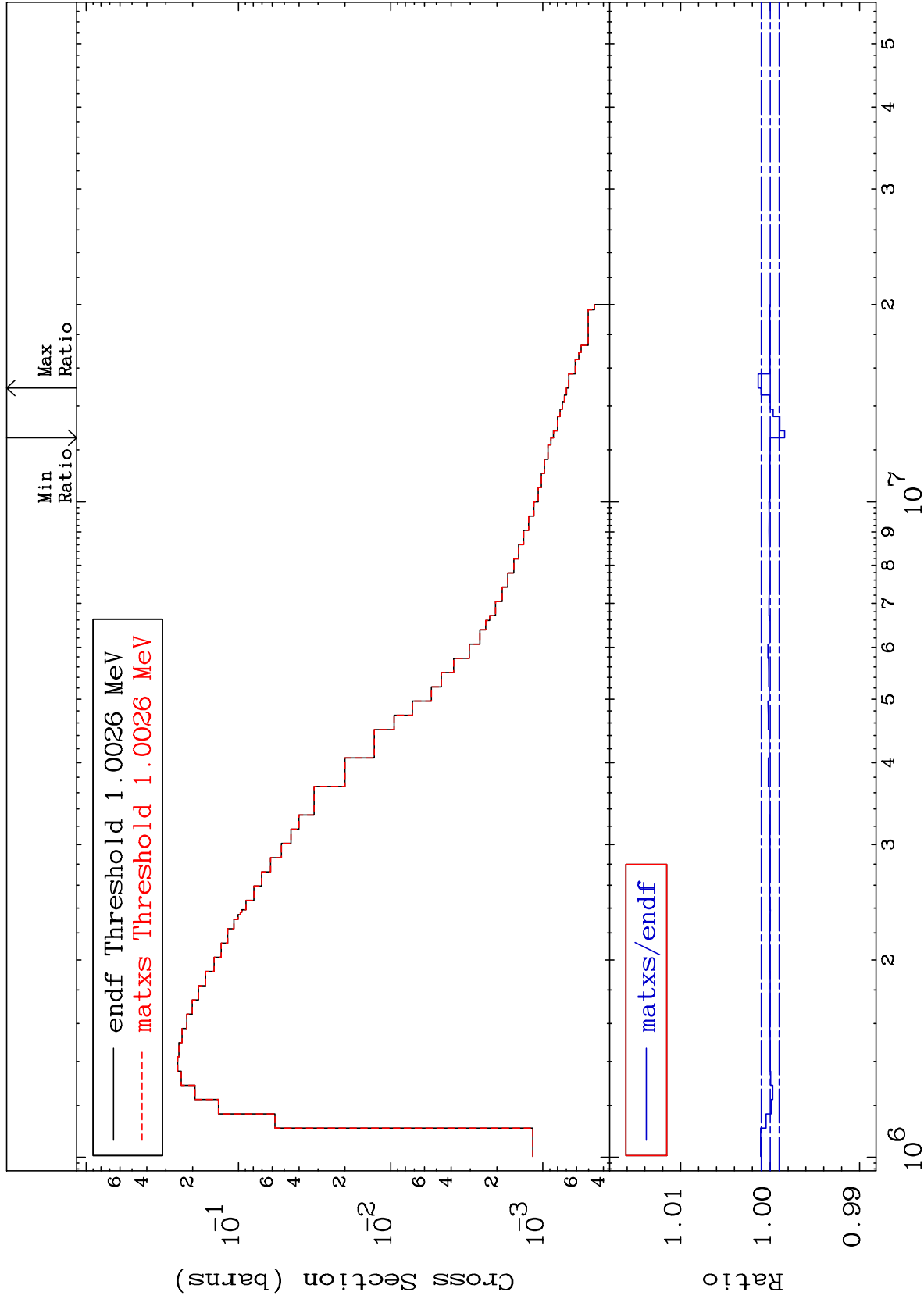
41-Nb-93  
-0.310 To 0.135 %



MAT 4125

1.083 MeV (n,n') Level  
Cross Section

41-Nb-93  
-0.163 To 0.135 %



12

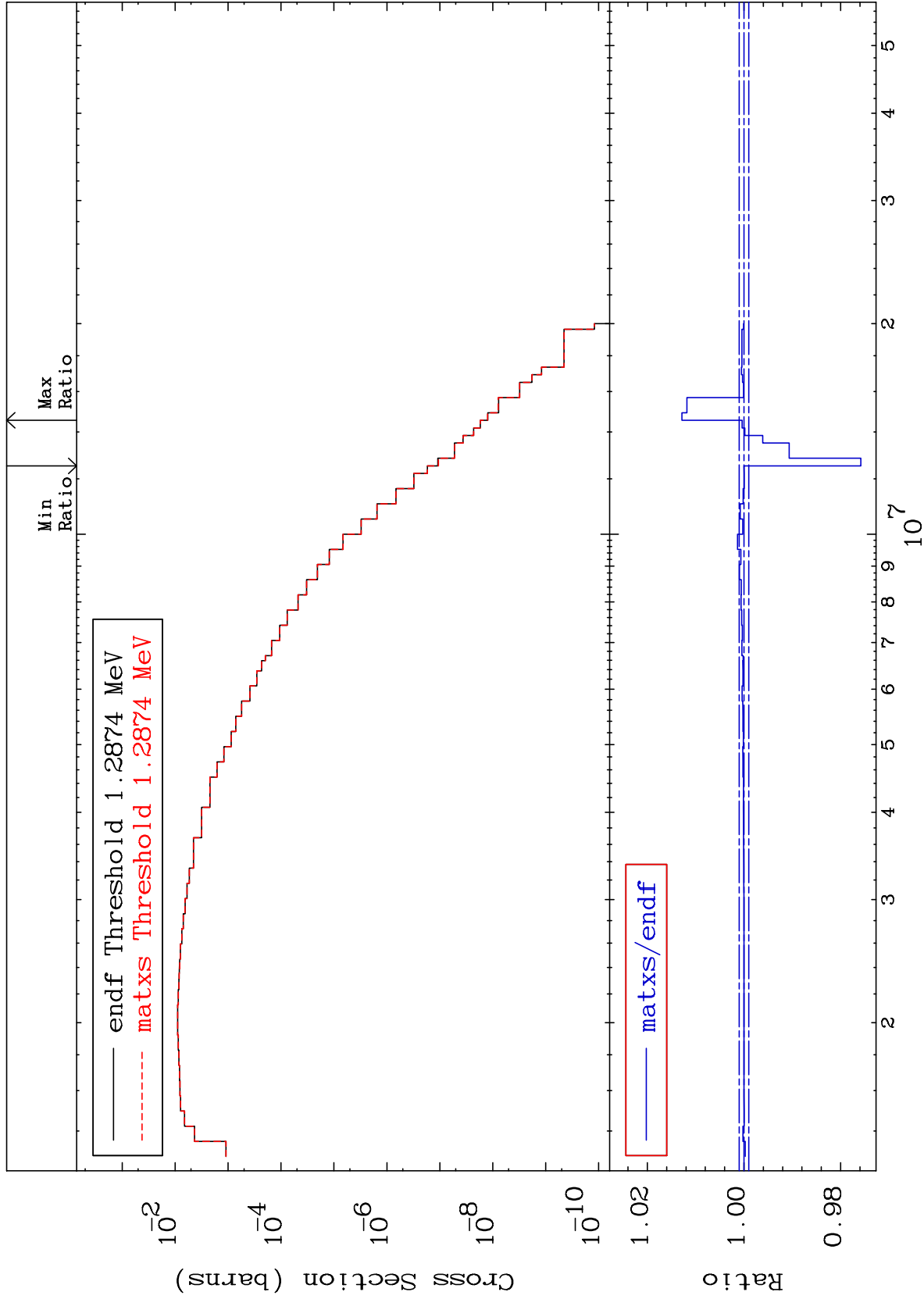
Incident Energy (eV)

41-Nb-93

MAT 4125

1.290 MeV (n,n') Level  
Cross Section

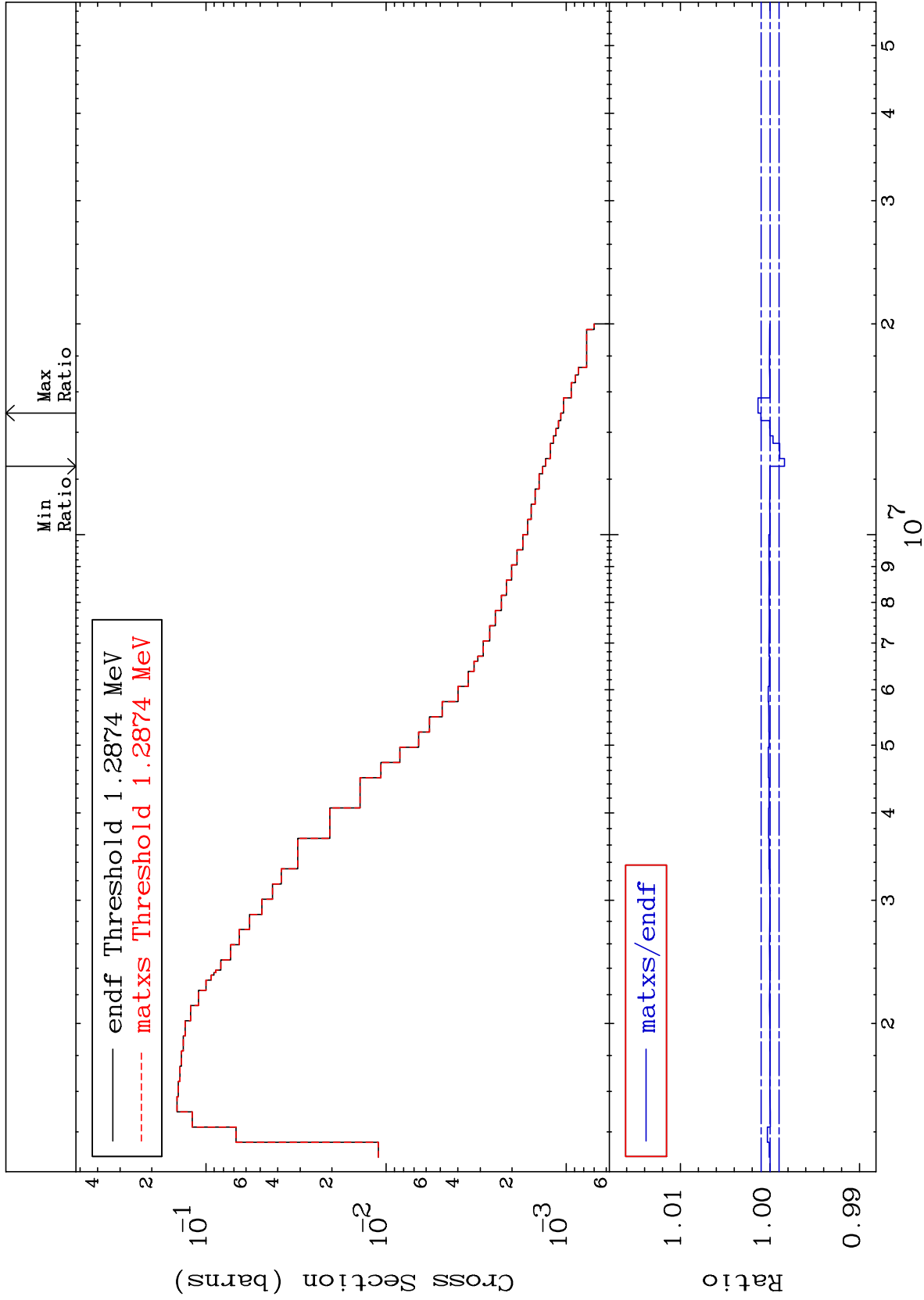
41-Nb-93  
-2.418 To 1.284 %



MAT 4125

1.297 MeV (n,n') Level  
Cross Section

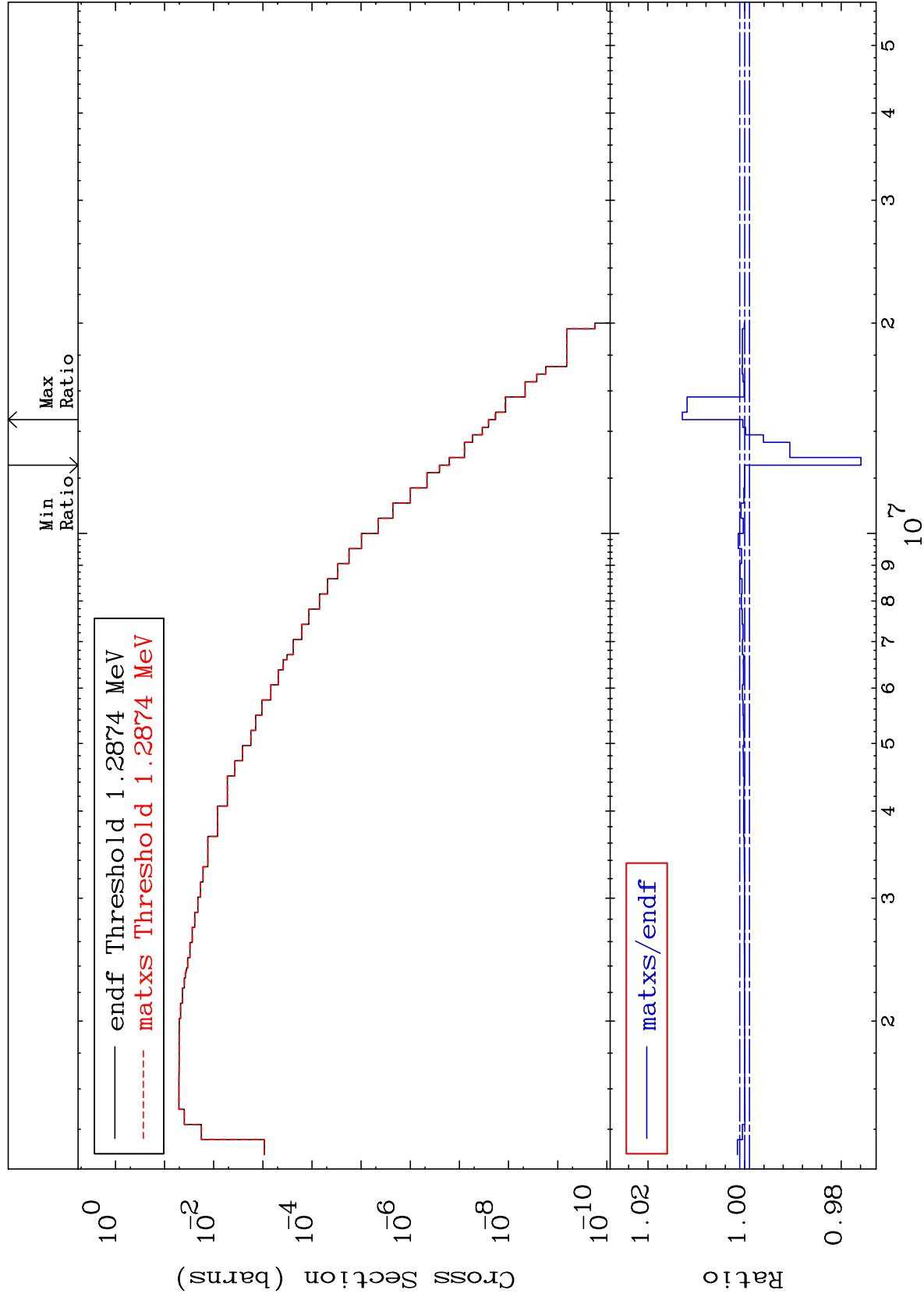
41-Nb-93  
-0.161 To 0.134 %



MAT 4125

1.316 MeV (n,n') Level  
Cross Section

41-Nb-93  
-2.408 To 1.289 %



15

Incident Energy (eV)

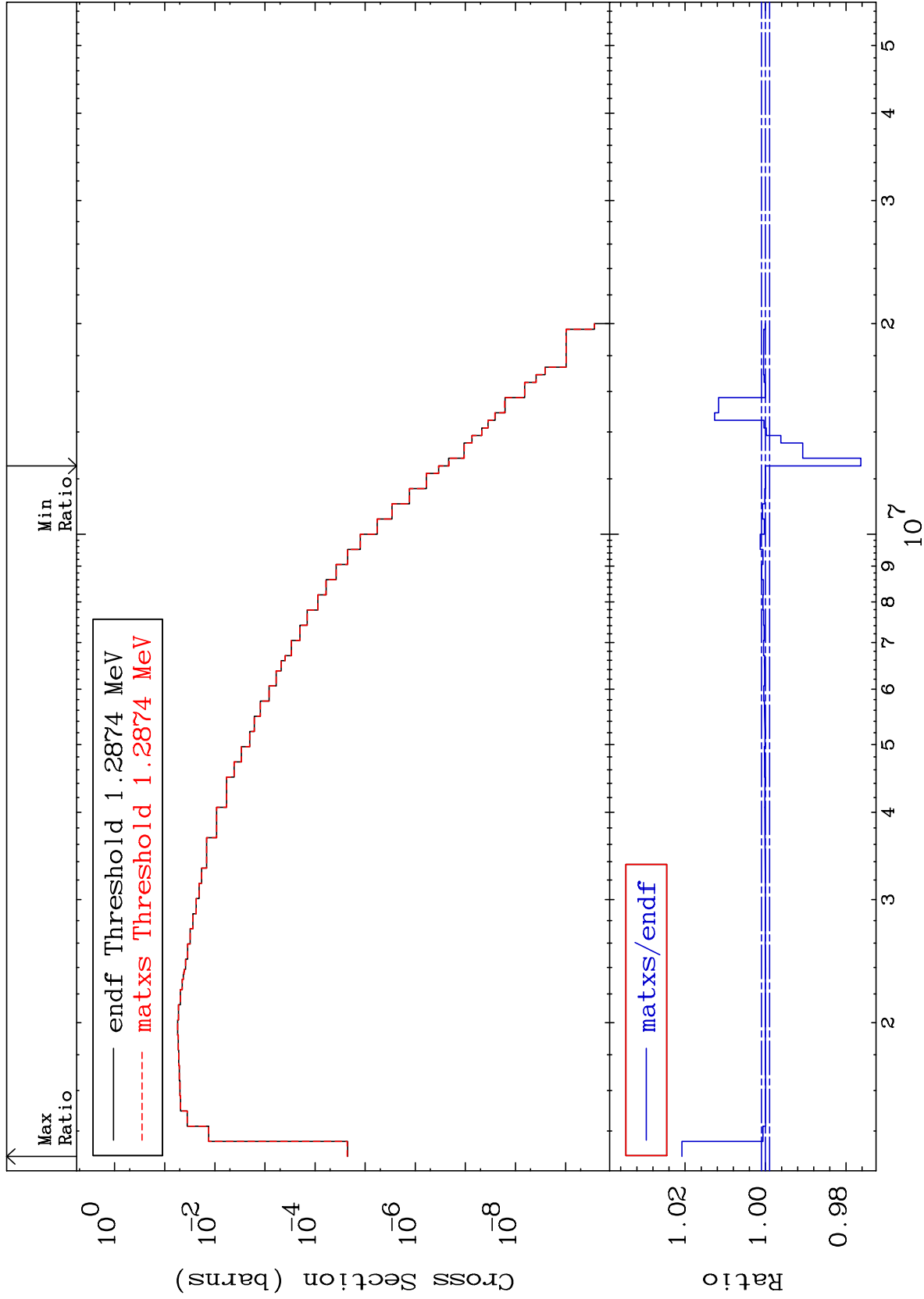
41-Nb-93



MAT 4125

1.335 MeV (n,n') Level  
Cross Section

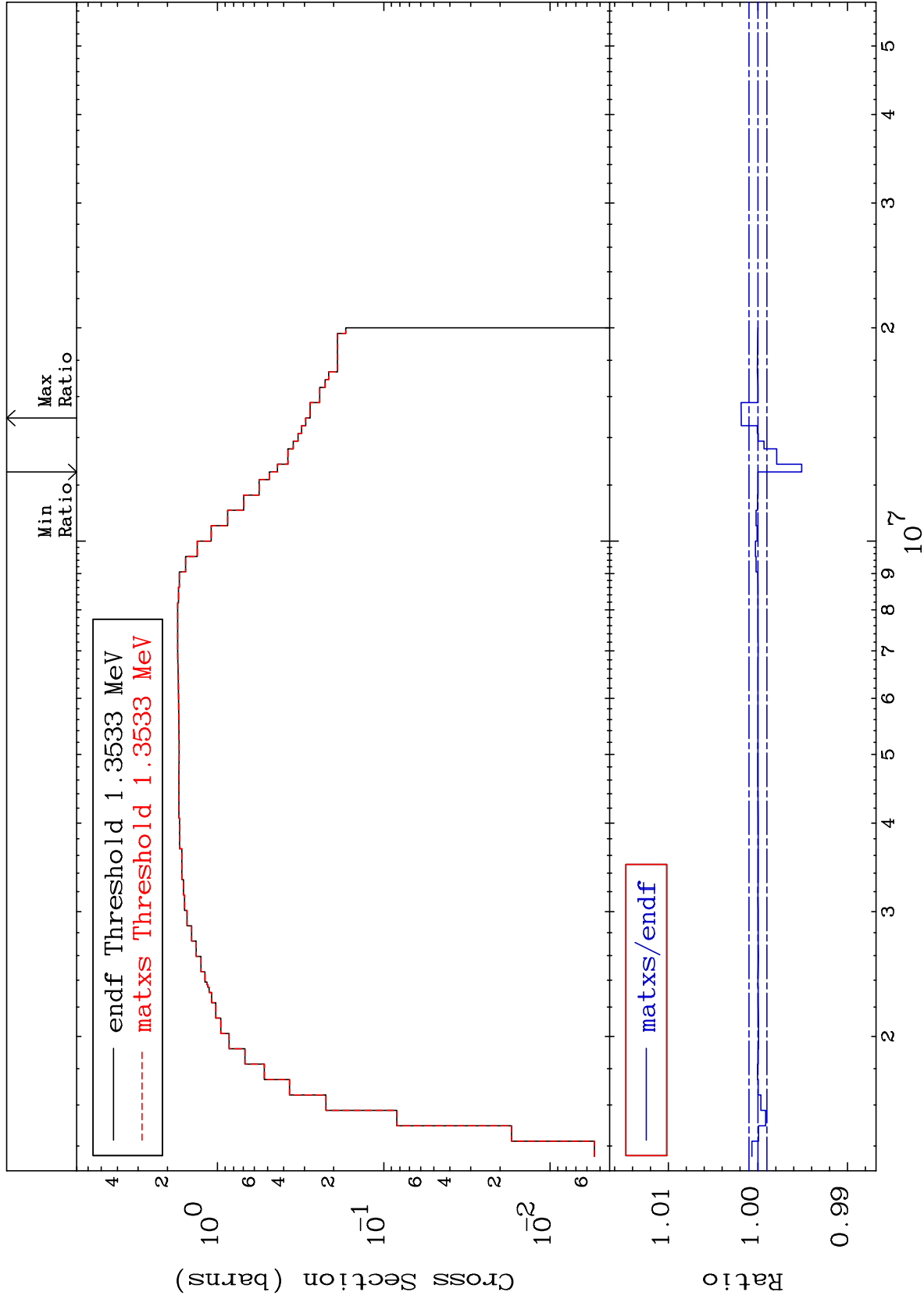
41-Nb-93  
-2.370 To 2.078 %



MAT 4125

(n, n') Continuum  
Cross Section

41-Nb-93  
-0.488 To 0.189 %



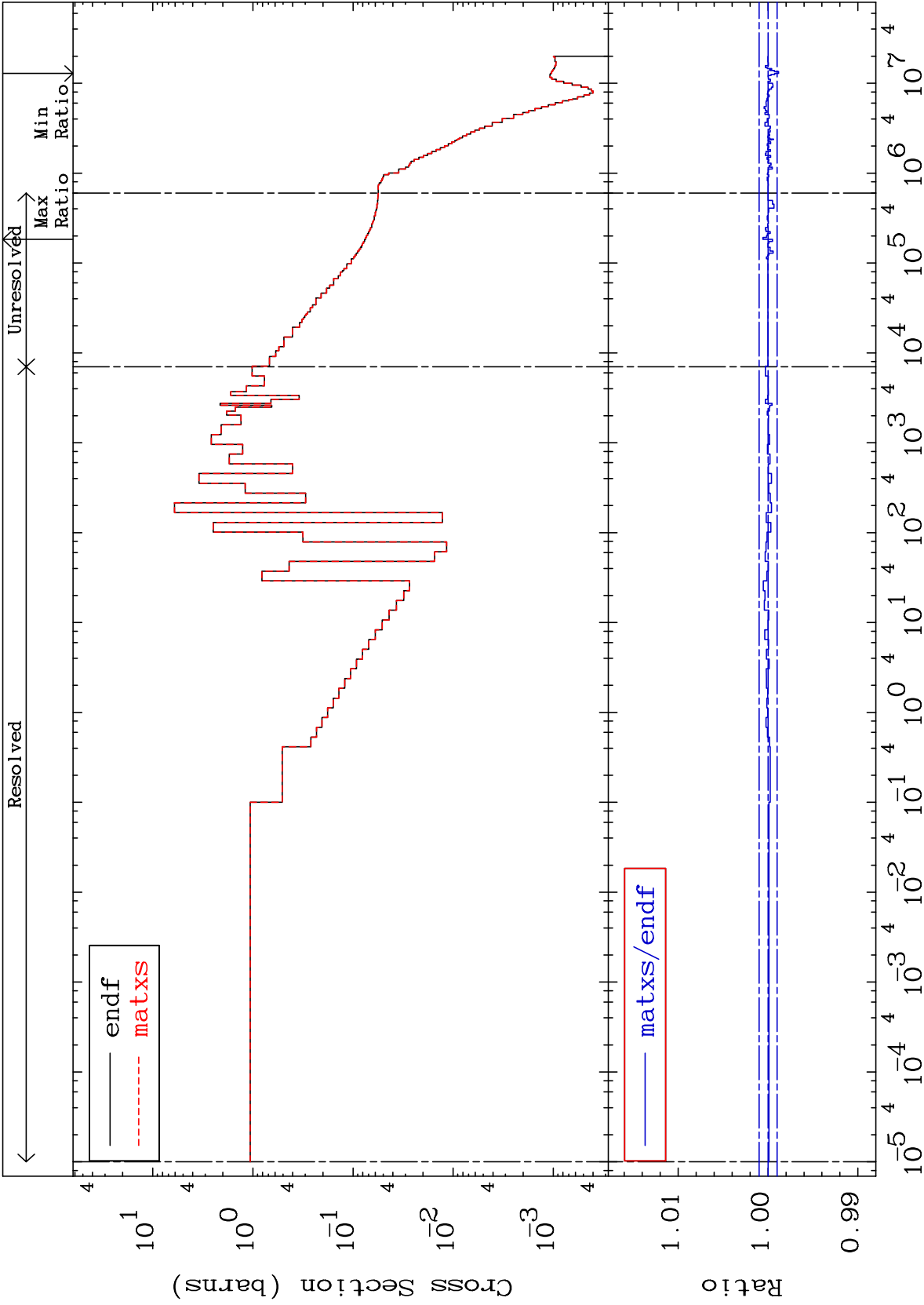
MAT 4125

(n,  $\gamma$ )

41-Nb-93

Cross Section

-0.116 To 0.056 %



MAT 4125

(n,p)

41-Nb-93

Cross Section

-0.985 To 0.216 %

Min Ratio

Max Ratio

— endf Threshold 961.67 keV  
- - - matxs Threshold 961.67 keV

— matxs/endlf

Cross Section (barns)  
 $10^{-2}$   
 $10^{-4}$   
 $10^{-6}$   
 $10^{-8}$   
 $10^{-10}$   
1.01  
Ratio  
1.00  
0.99

$10^6$

$10^7$

5

4

3

2

1

19

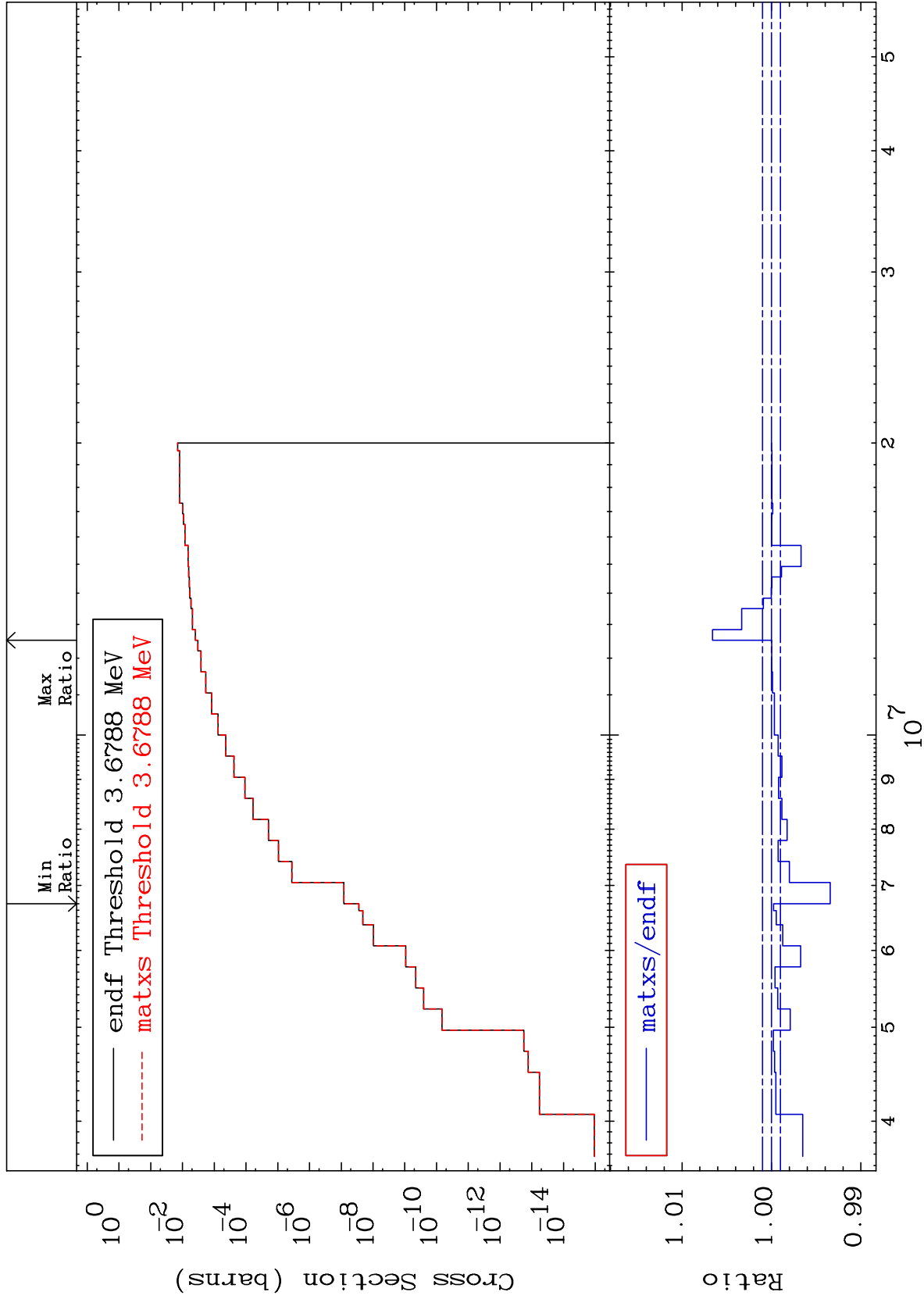
Incident Energy (eV)

41-Nb-93

MAT 4125

41-Nb-93  
-0.656 To 0.658 %

(n,d)  
Cross Section



MAT 4125

(n,  $\alpha$ )

41-Nb-93

Cross Section

-0.049 To 0.264 %

