

Program Complot  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

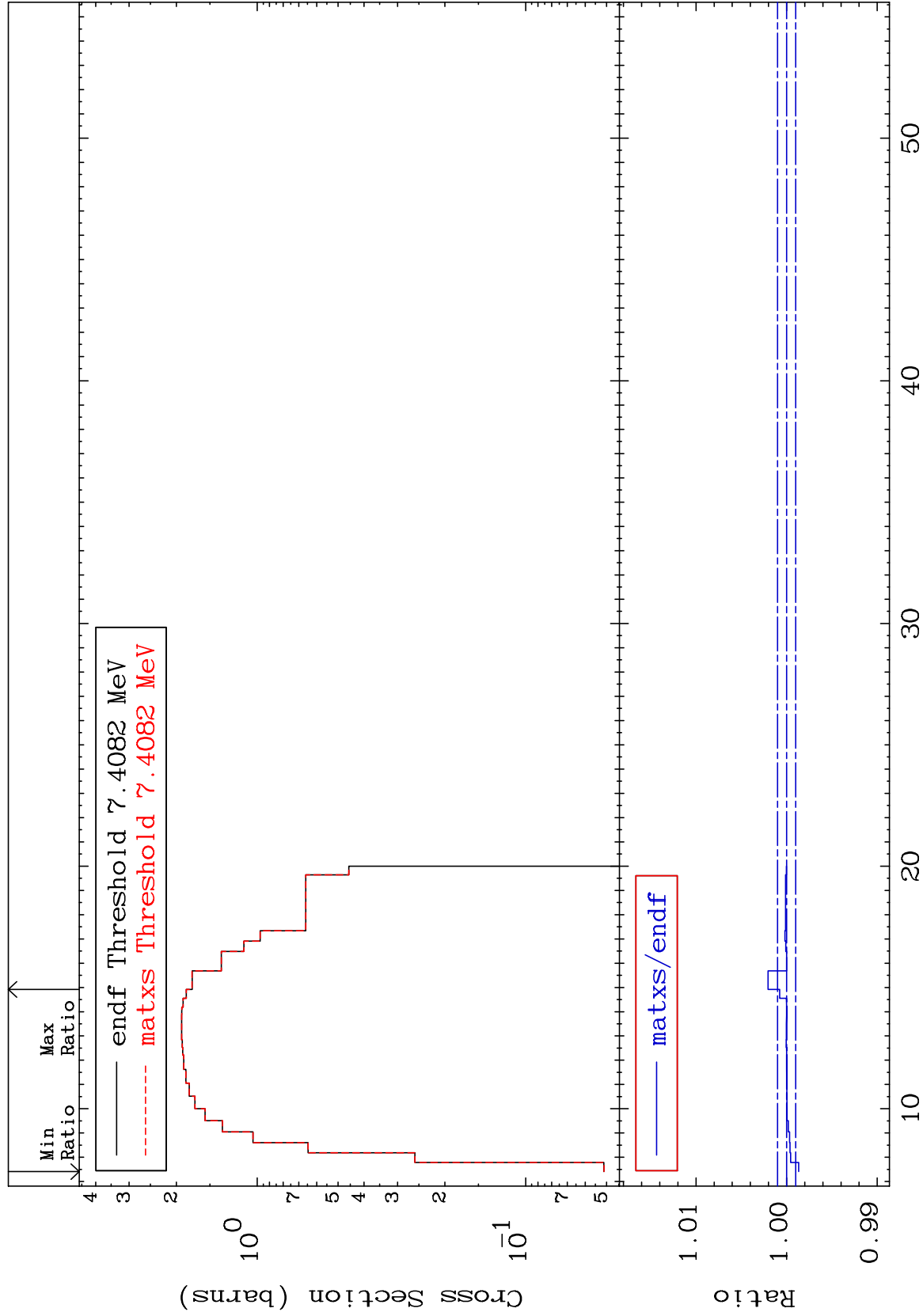
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 6449

(n,2n)  
Cross Section

64-Gd-160  
-0.132 To 0.204 %



1

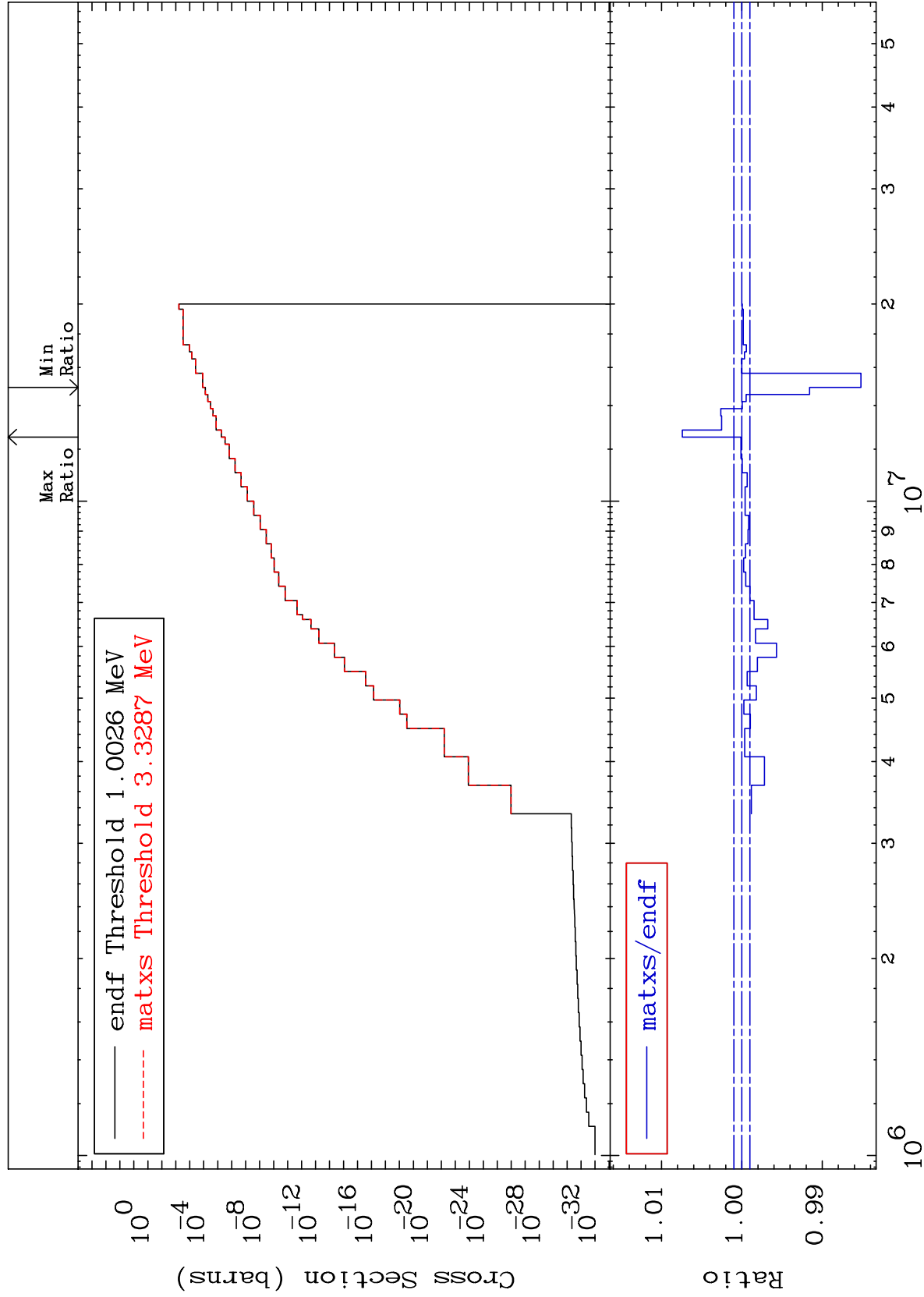
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160  
-1.481 To 0.740 %

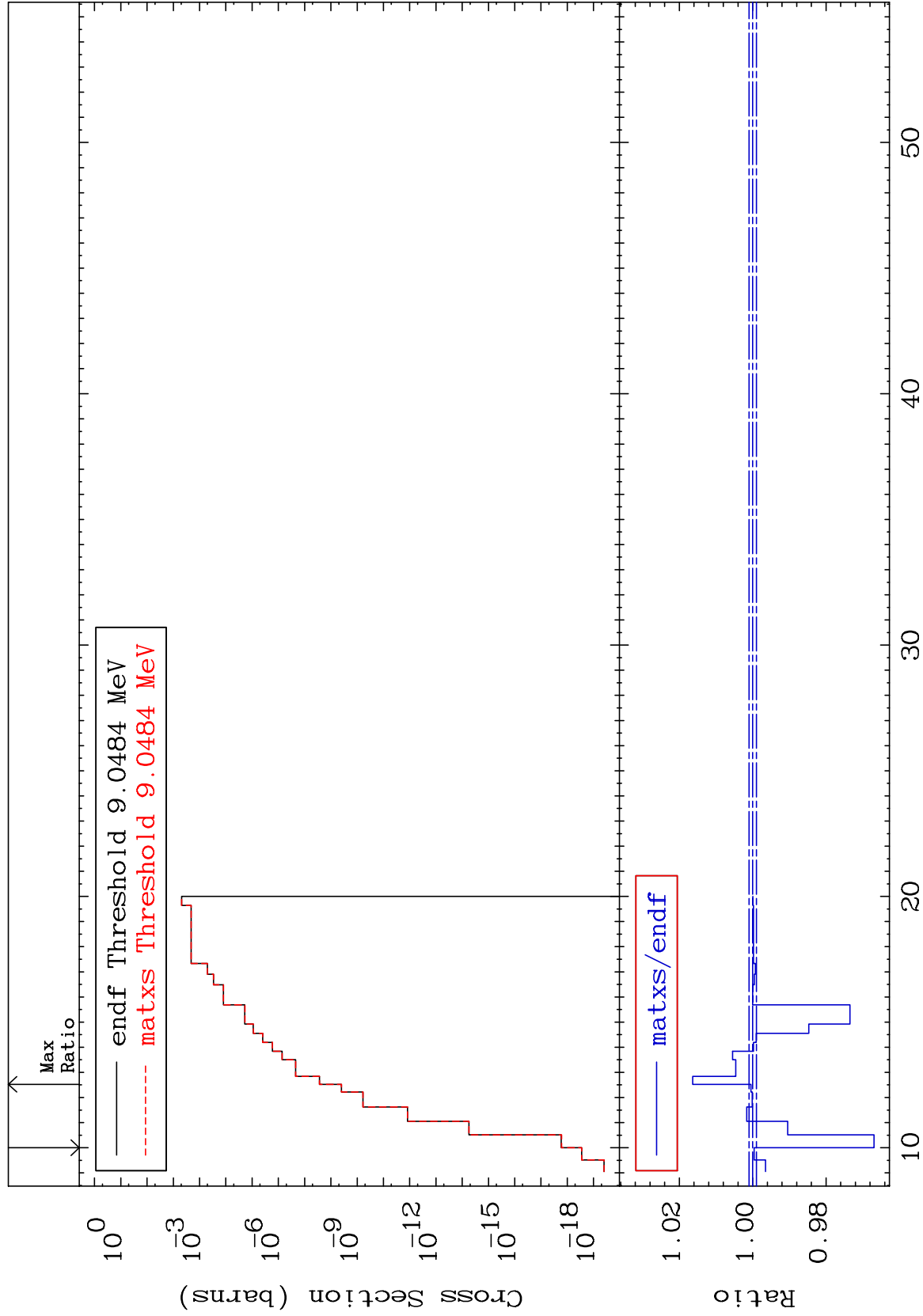


64-Gd-160

MAT 6449

(n, n') p  
Cross Section

64-Gd-160  
-3.307 To 1.634 %



3

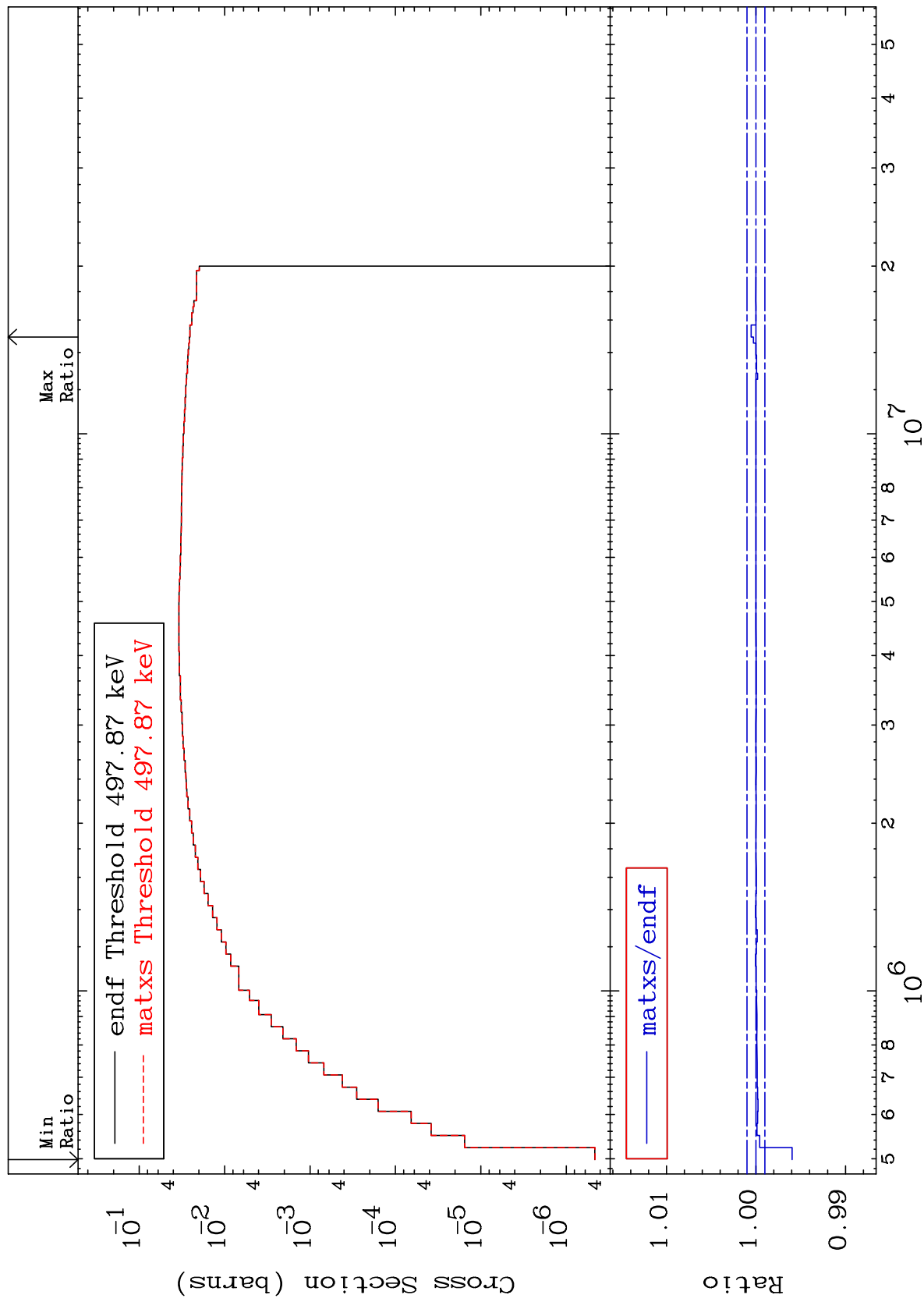
Incident Energy (MeV)

64-Gd-160

MAT 6449

514.7 keV (n,n') Level  
Cross Section

64-Gd-160  
-0.404 To 0.054 %



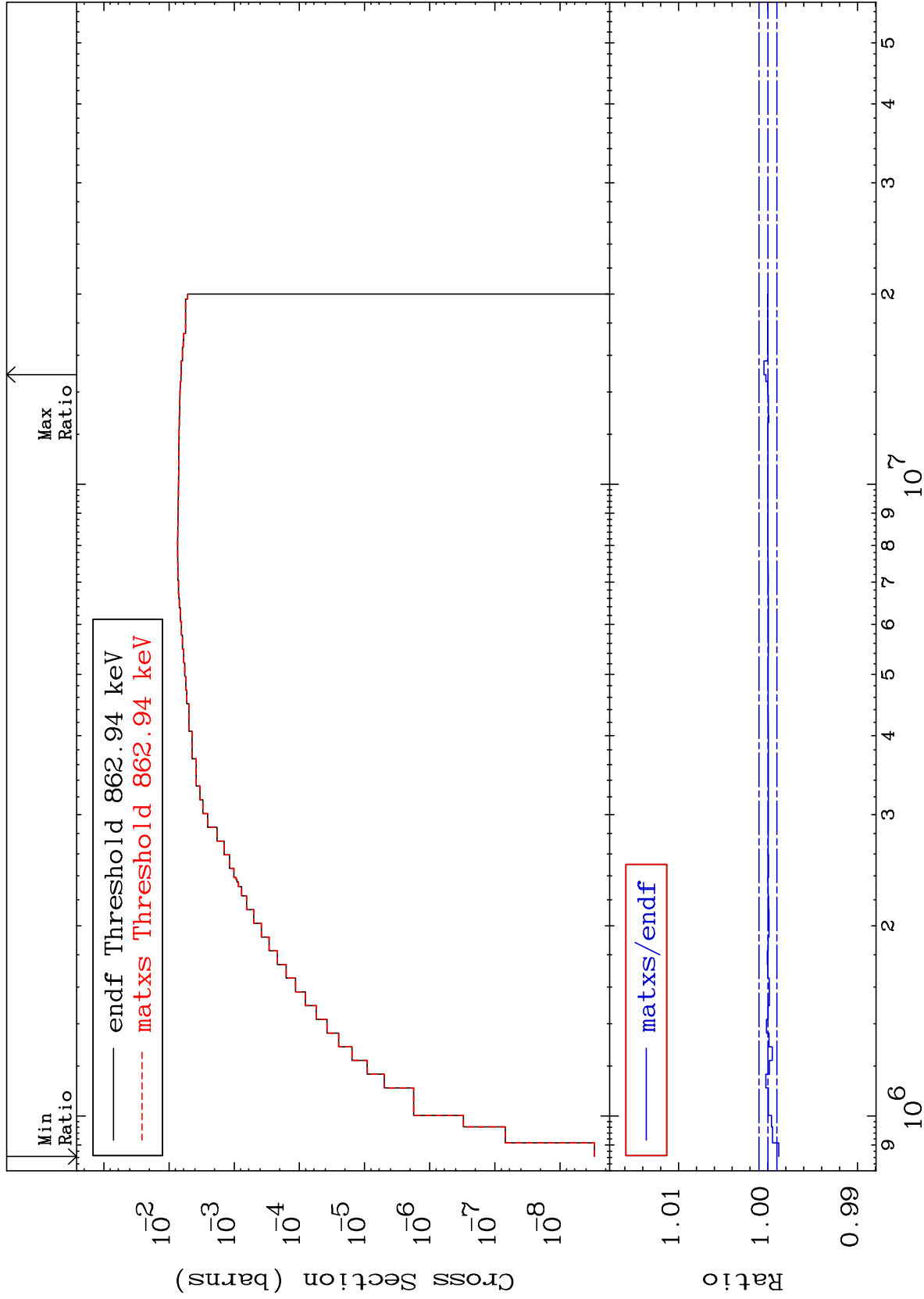
4

64-Gd-160

MAT 6449

867.9 keV (n,n') Level  
Cross Section

64-Gd-160  
-0.120 To 0.044 %



64-Gd-160

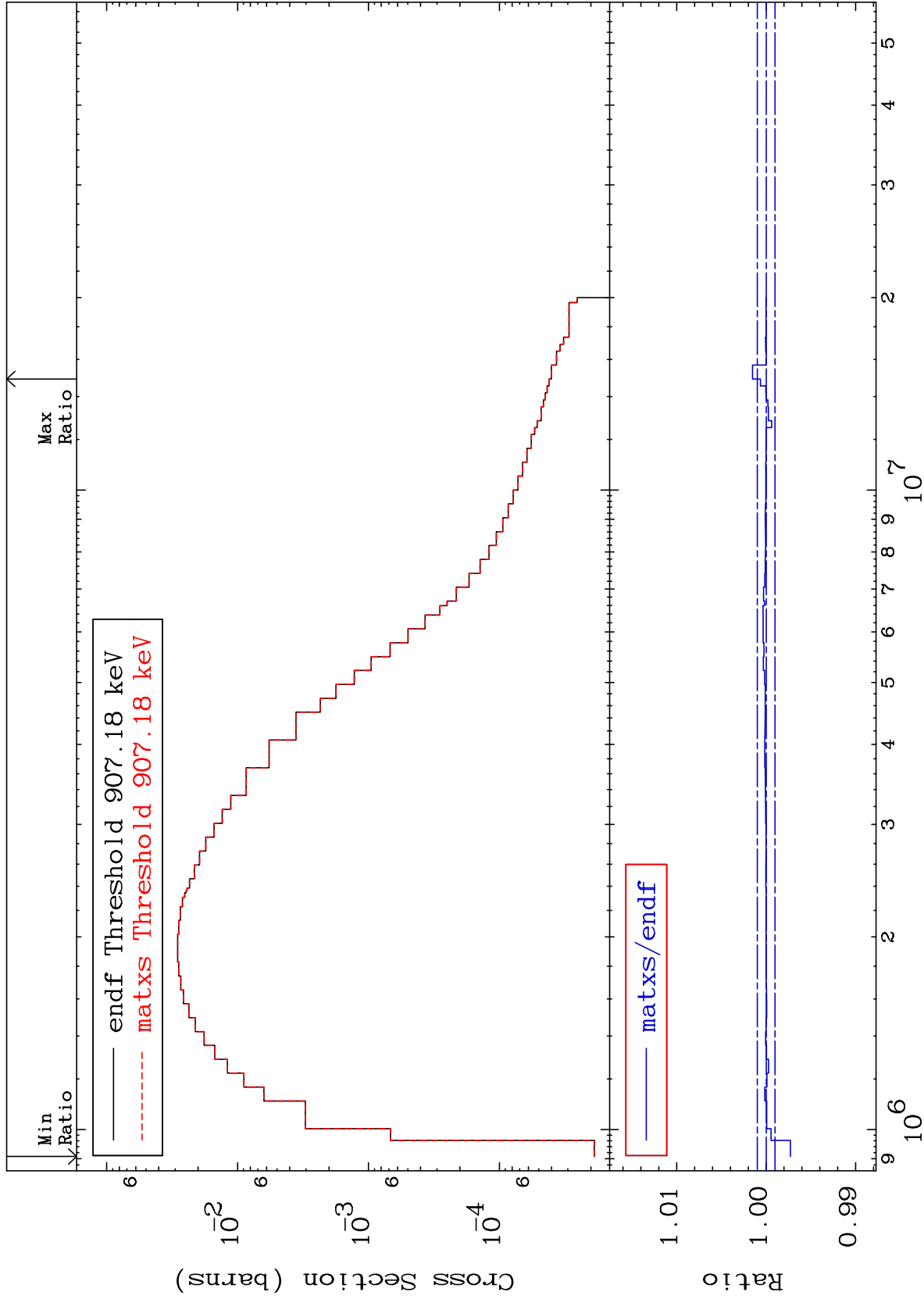
Incident Energy (eV)

5

MAT 6449

946.0 keV (n,n') Level  
Cross Section

64-Gd-160  
-0.270 To 0.154 %

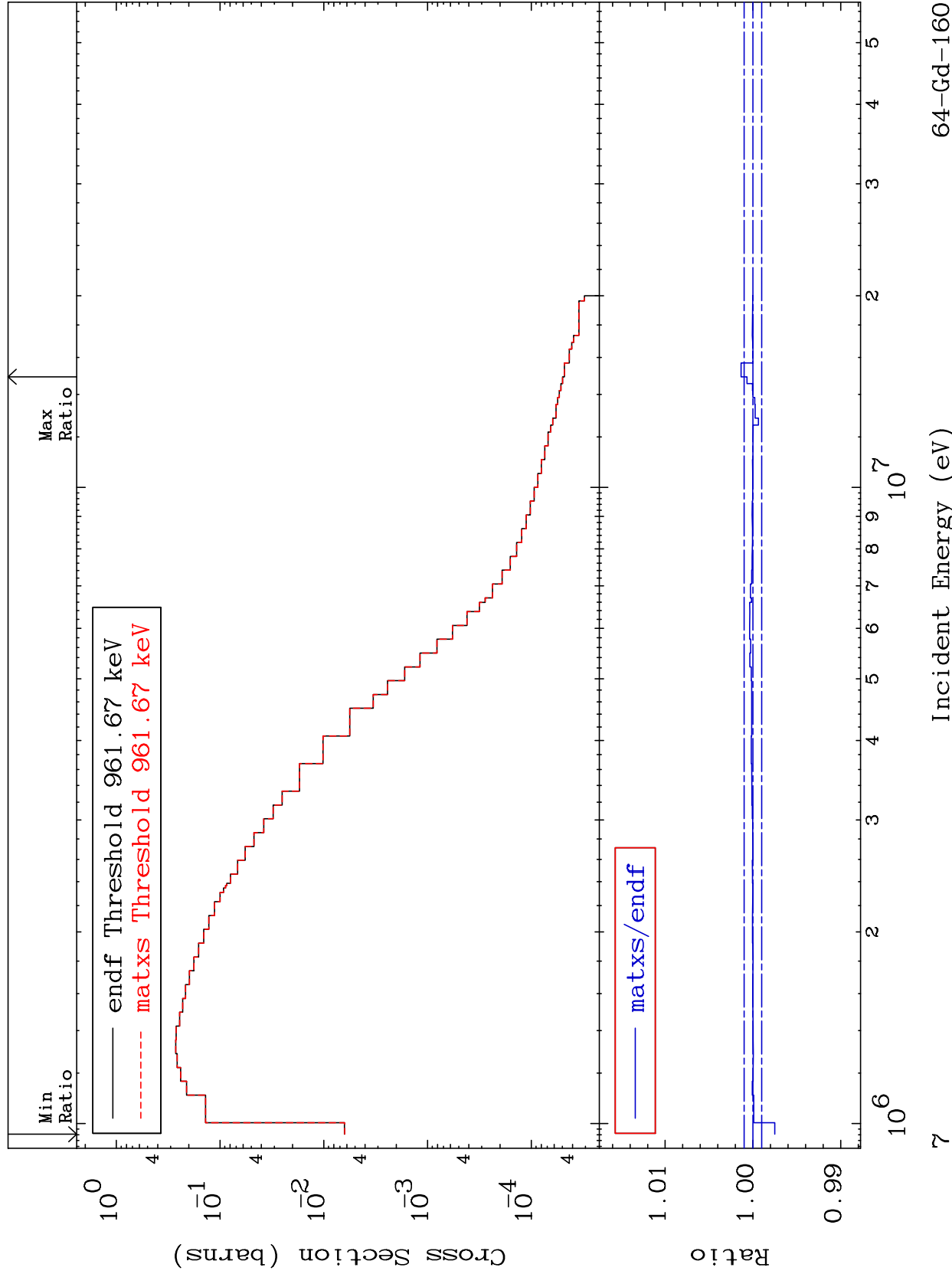


64-Gd-160

MAT 6449

988.4 keV (n,n') Level  
Cross Section

64-Gd-160  
-0.249 To 0.135 %



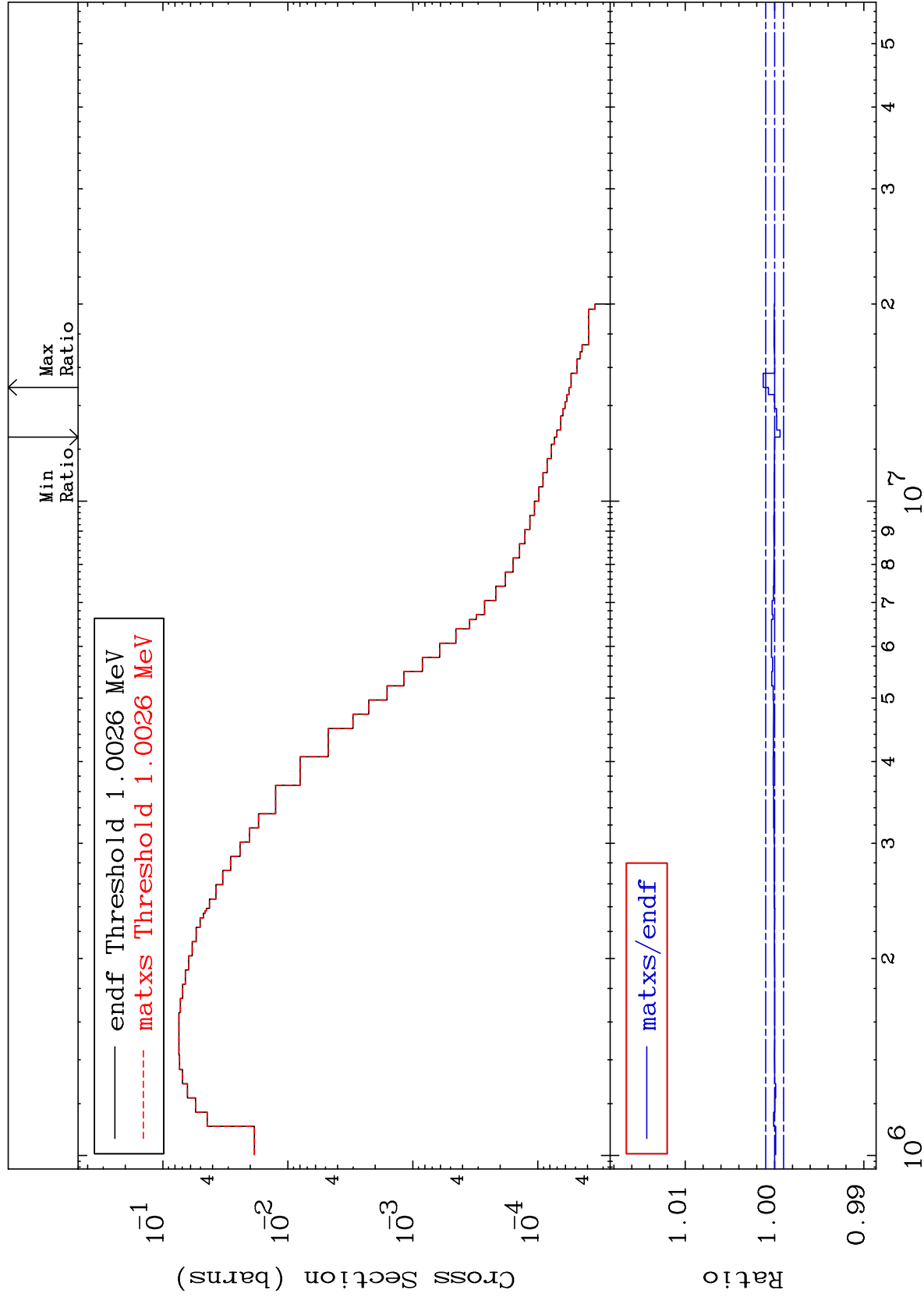
64-Gd-160



MAT 6449

1.016 MeV (n,n') Level  
Cross Section

64-Gd-160  
-0.062 To 0.128 %



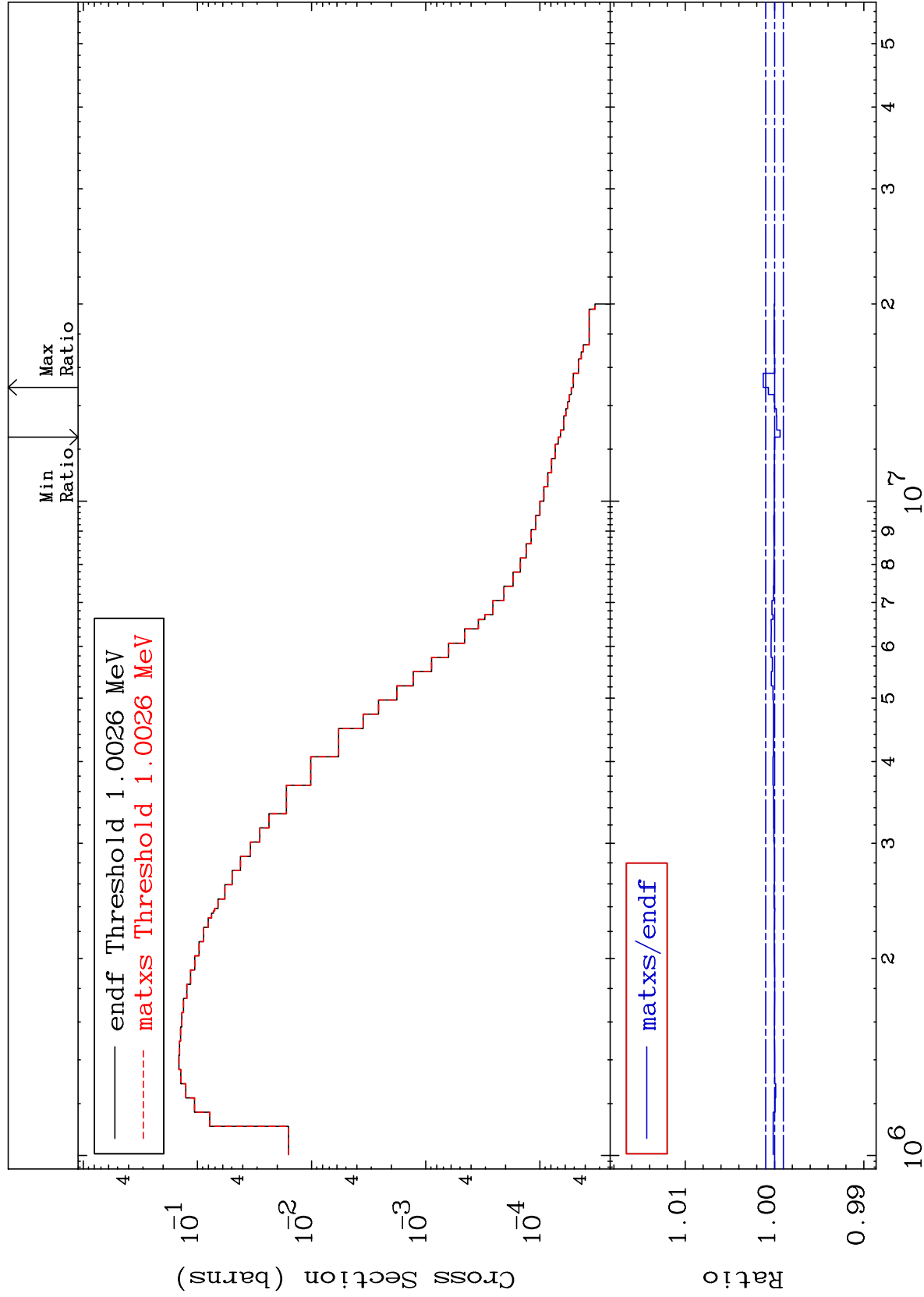
Incident Energy (eV)

64-Gd-160

MAT 6449

1.058 MeV (n,n') Level  
Cross Section

64-Gd-160  
-0.062 To 0.126 %

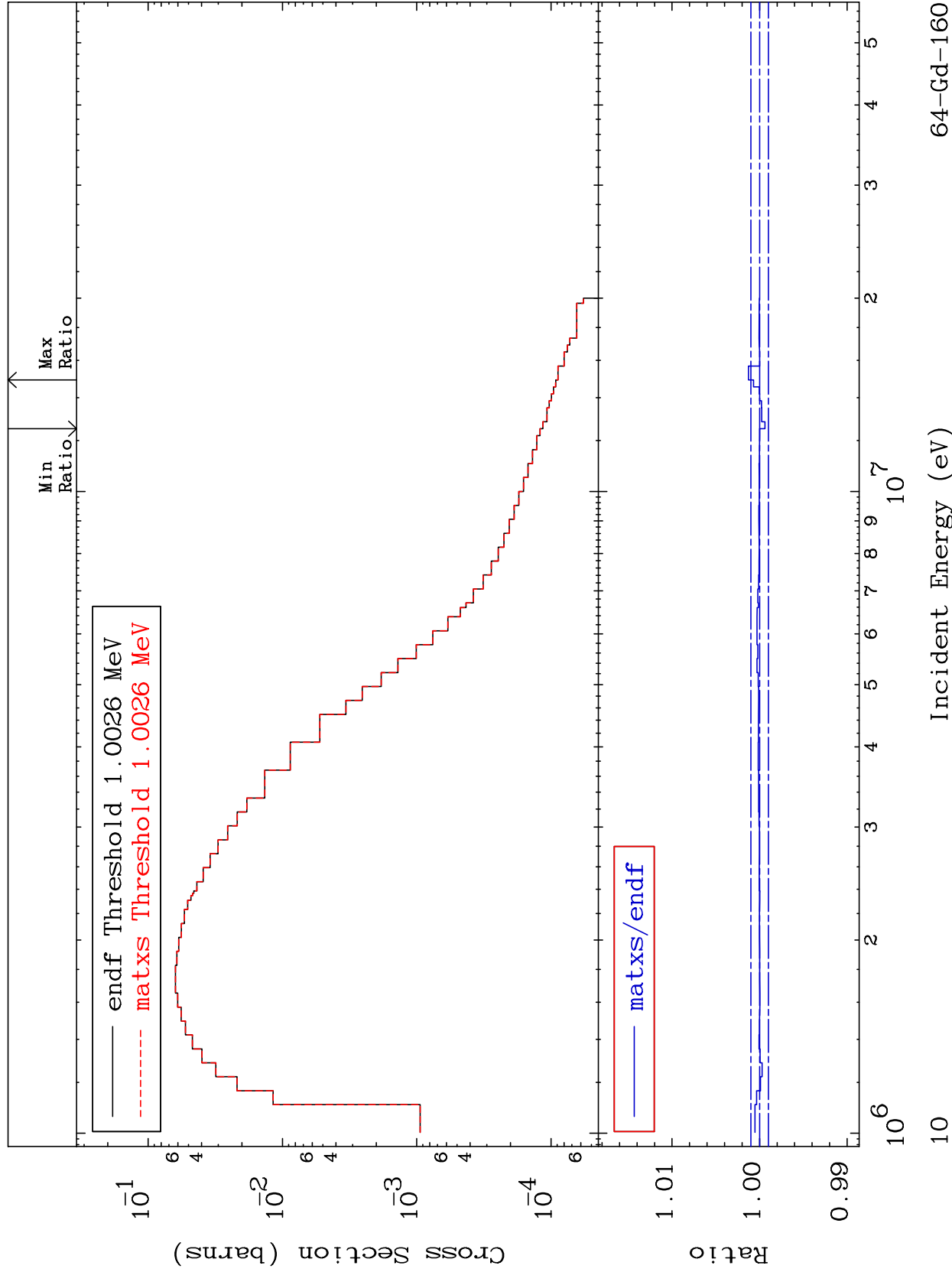


64-Gd-160

MAT 6449

1.070 MeV (n,n') Level  
Cross Section

64-Gd-160  
-0.061 To 0.127 %

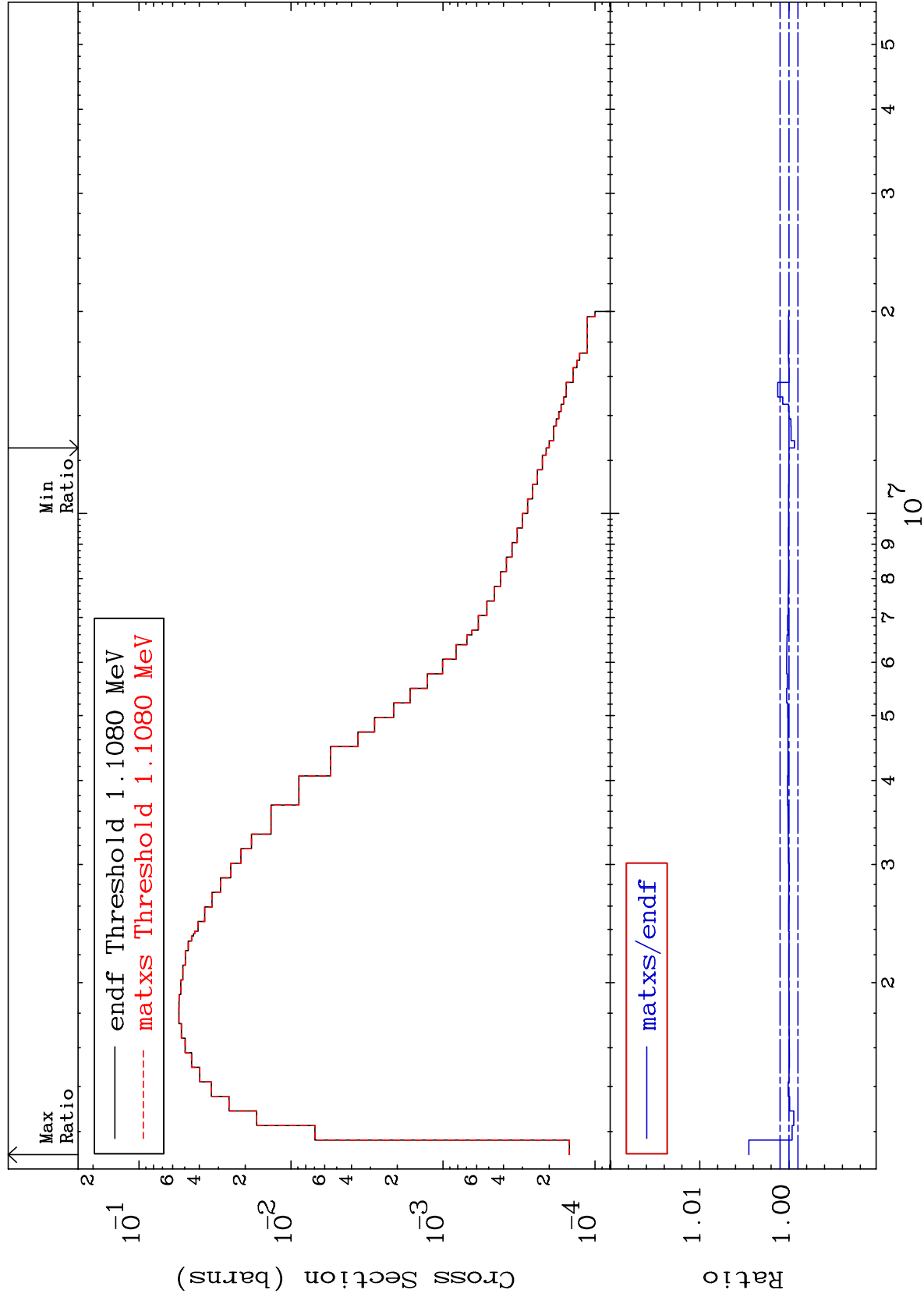


64-Gd-160

MAT 6449

1.148 MeV (n,n') Level  
Cross Section

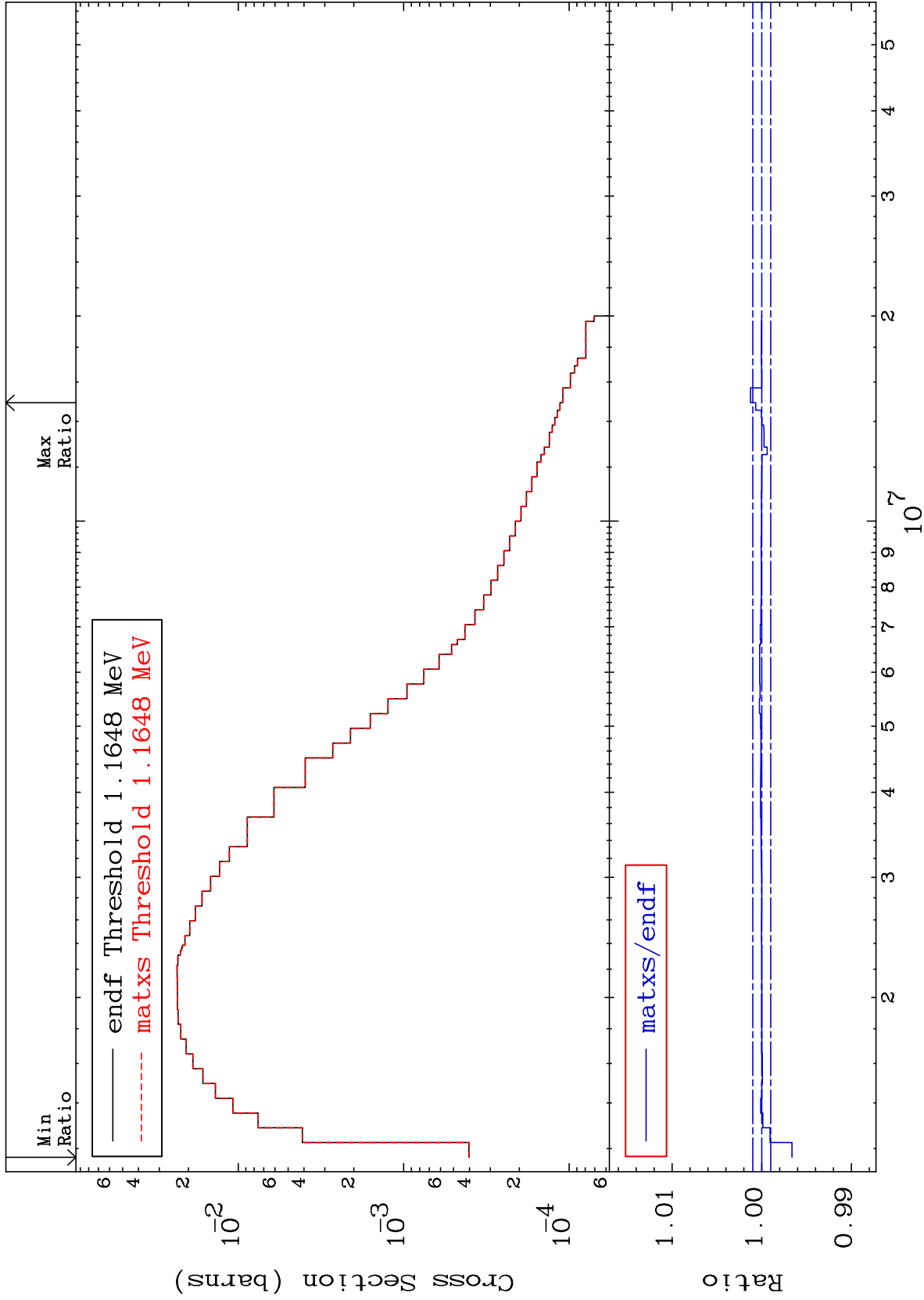
64-Gd-160  
-0.061 To 0.449 %



MAT 6449

1.193 MeV (n,n') Level  
Cross Section

64-Gd-160  
-0.337 To 0.126 %



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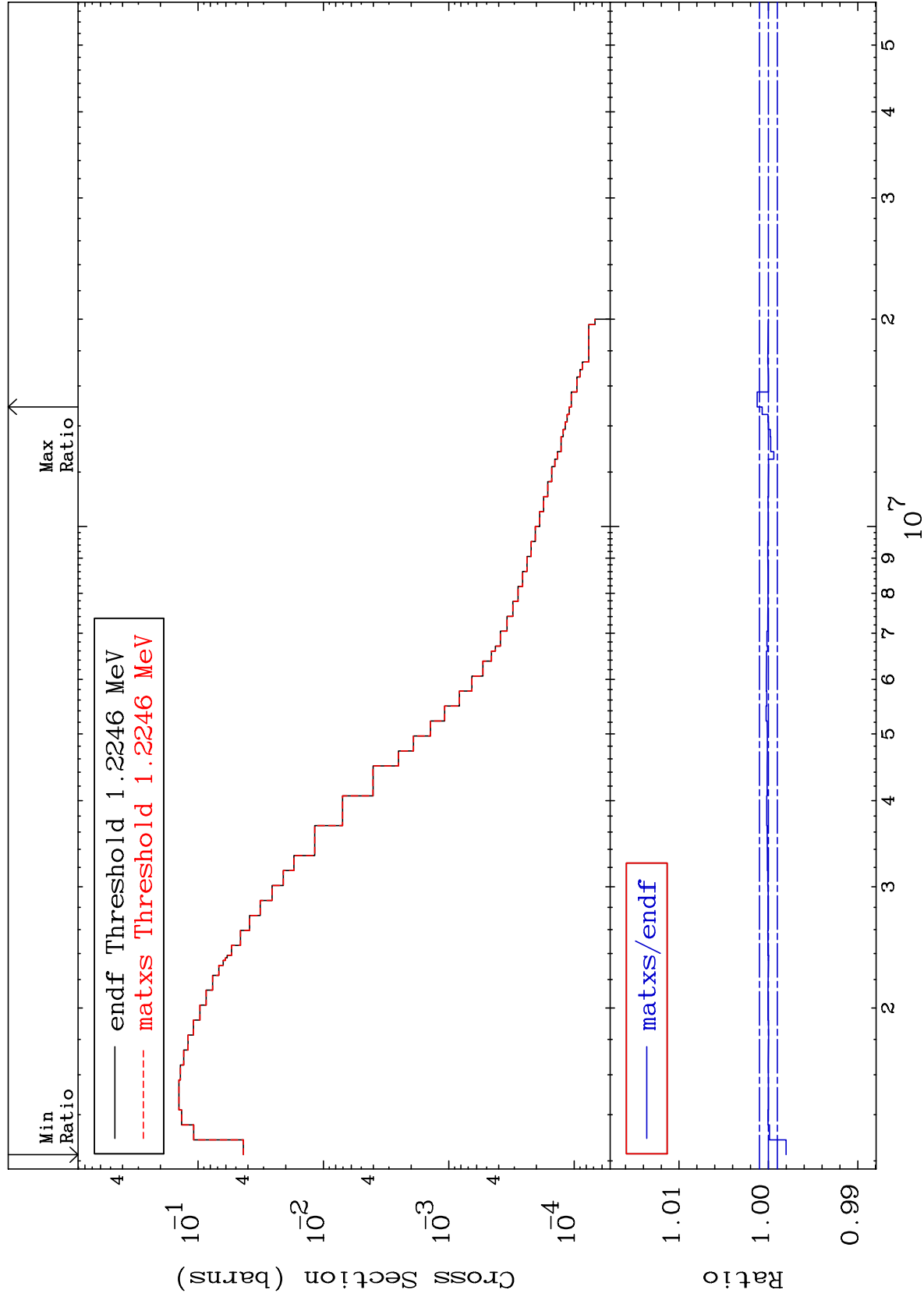
Incident Energy (eV)

64-Gd-160

MAT 6449

1.224 MeV (n,n') Level  
Cross Section

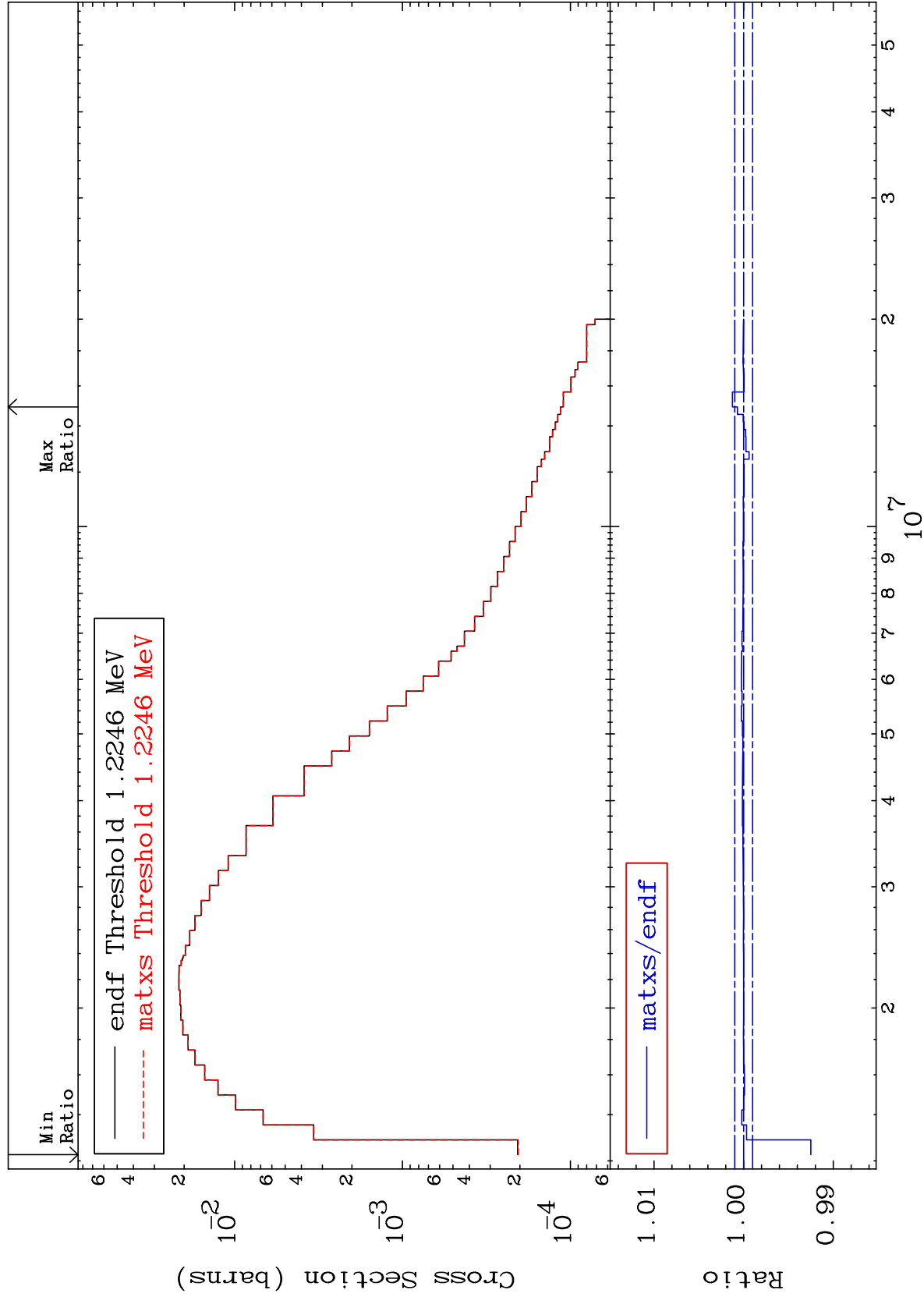
64-Gd-160  
-0.198 To 0.126 %



MAT 6449

1.261 MeV (n,n') Level  
Cross Section

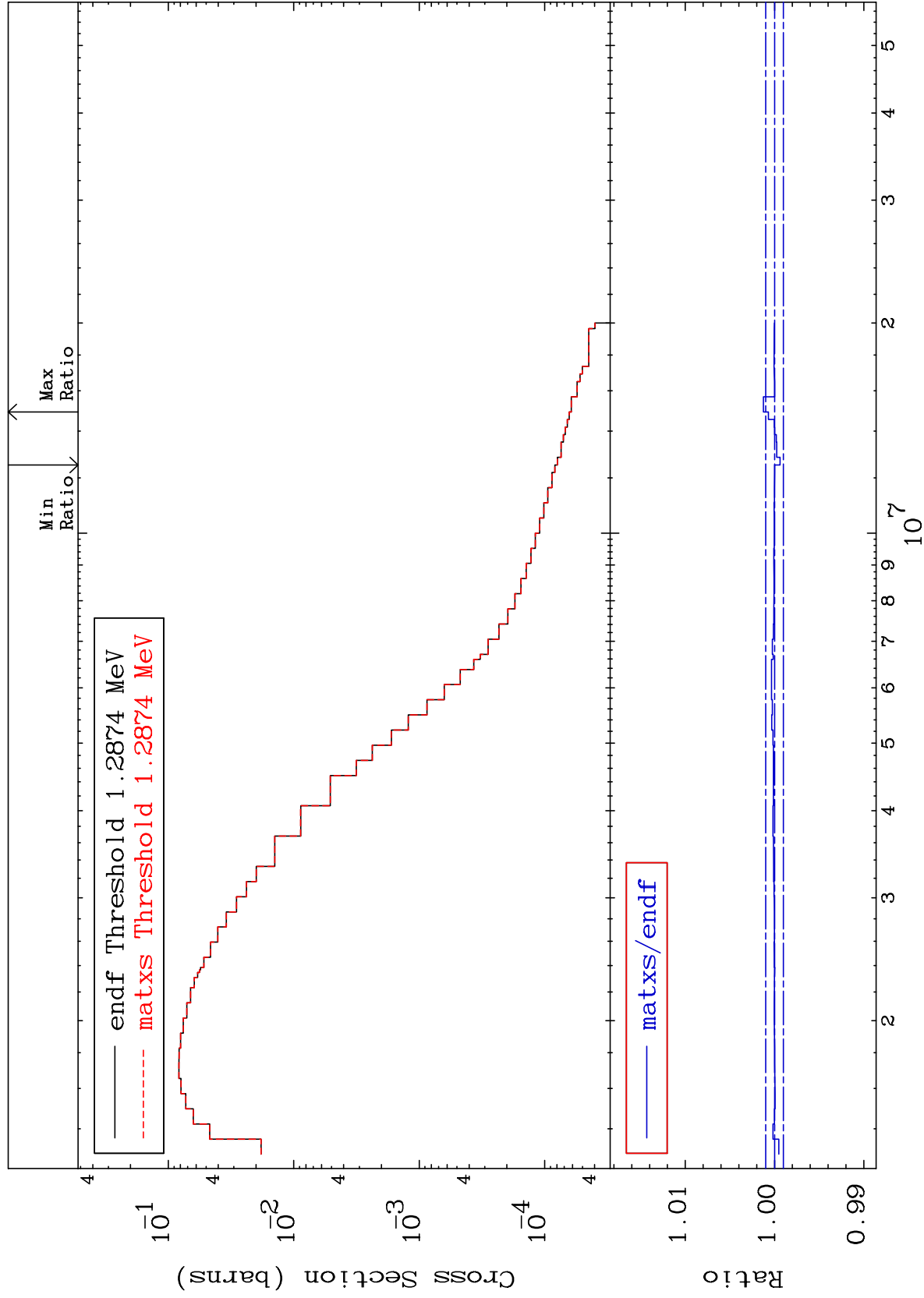
64-Gd-160  
-0.751 To 0.125 %



MAT 6449

1.290 MeV (n,n') Level  
Cross Section

64-Gd-160  
-0.061 To 0.126 %



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Incident Energy (eV)

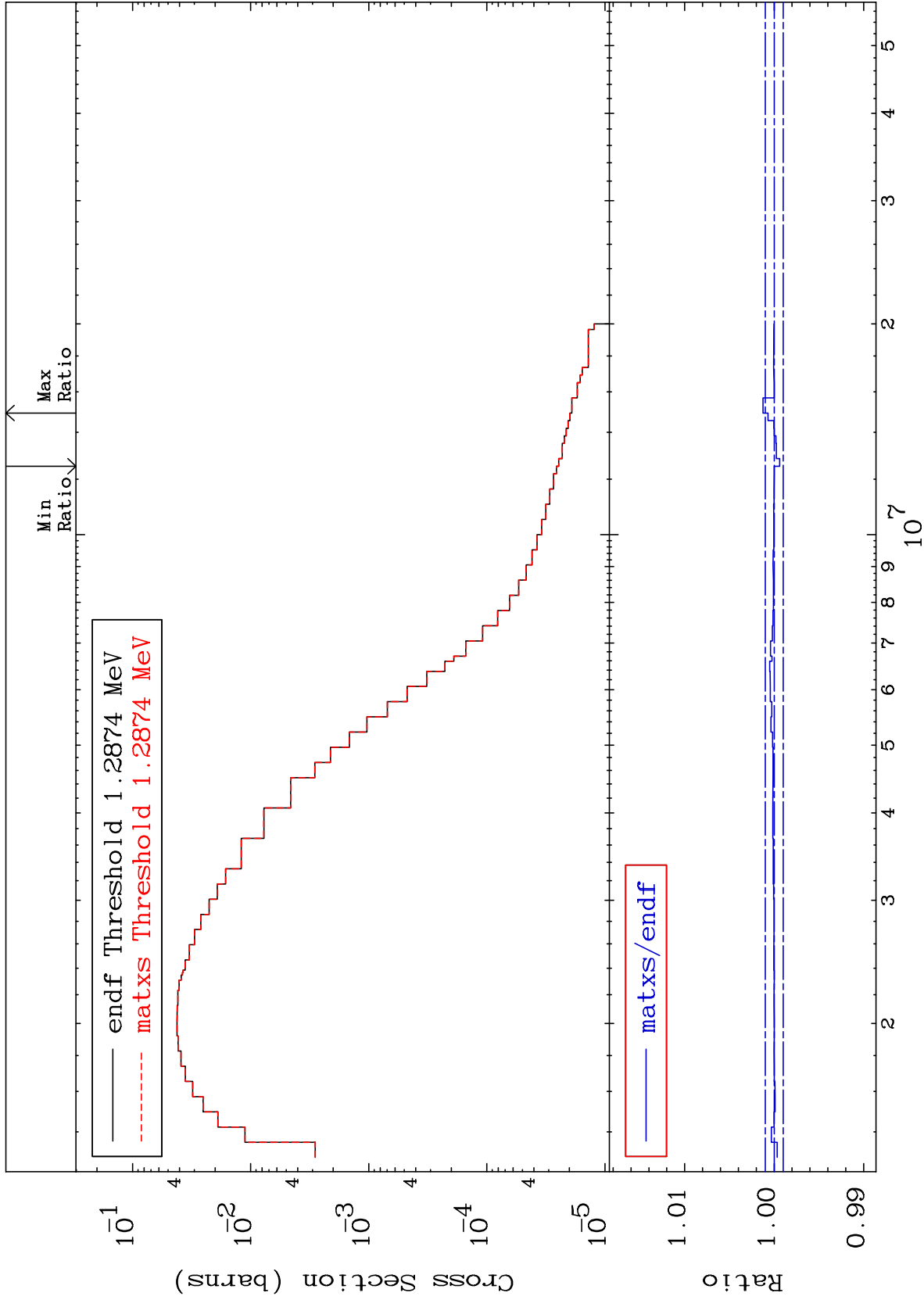
64-Gd-160



MAT 6449

1.296 MeV (n,n') Level  
Cross Section

64-Gd-160  
-0.061 To 0.126 %



16

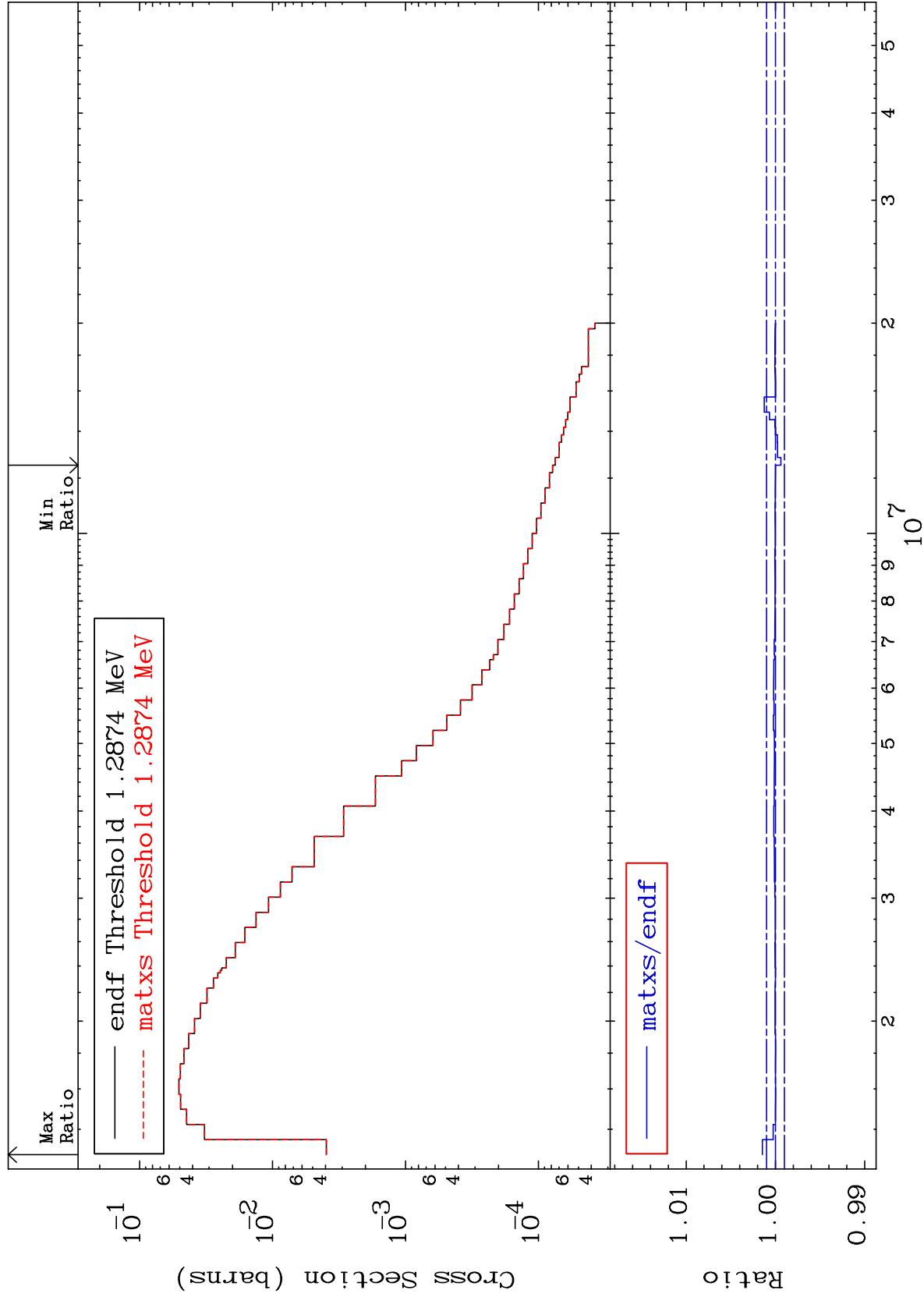
Incident Energy (eV)

64-Gd-160

MAT 6449

1.326 MeV (n,n') Level  
Cross Section

64-Gd-160  
-0.060 To 0.145 %



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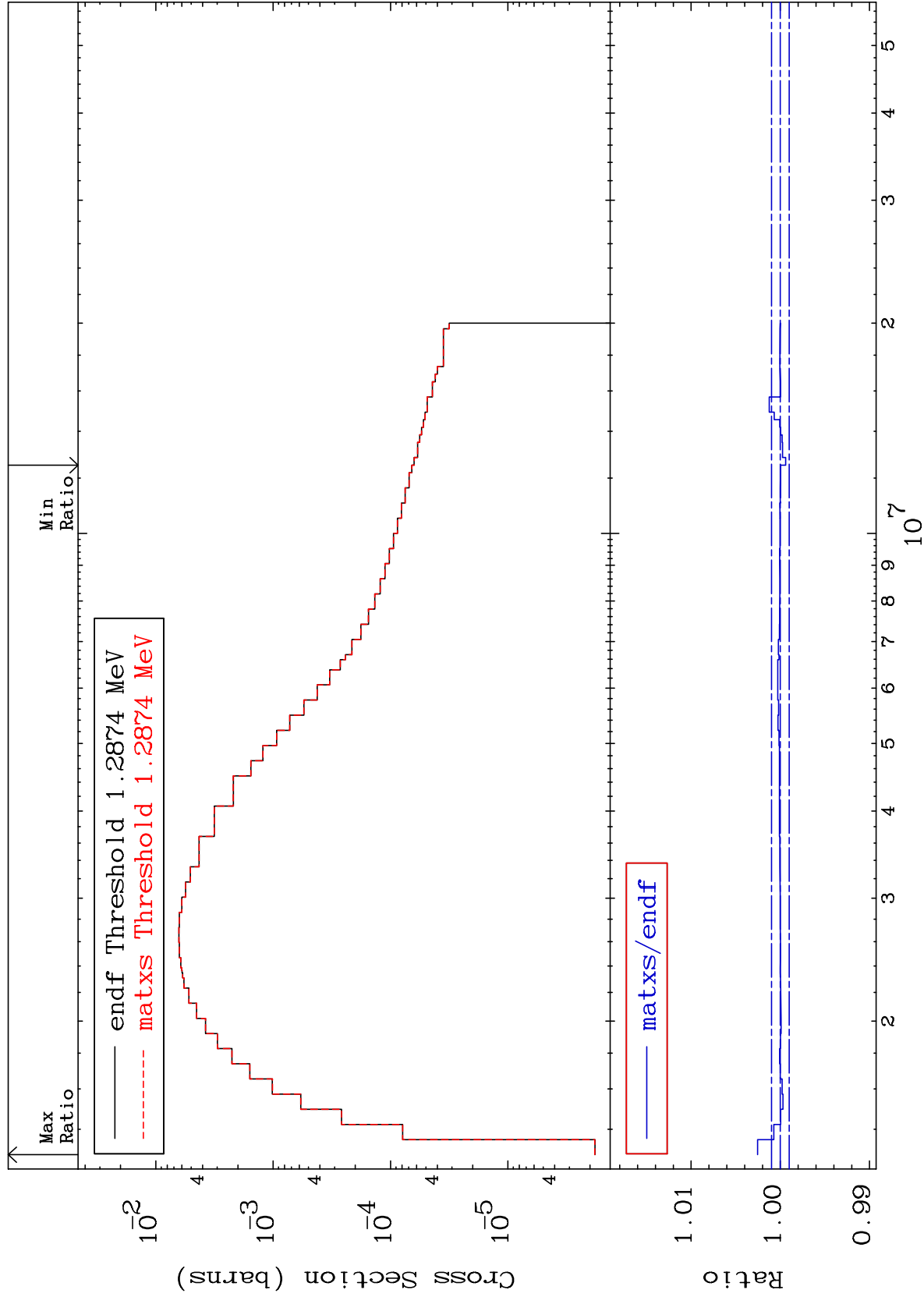
Incident Energy (eV)

64-Gd-160

MAT 6449

1.331 MeV (n,n') Level  
Cross Section

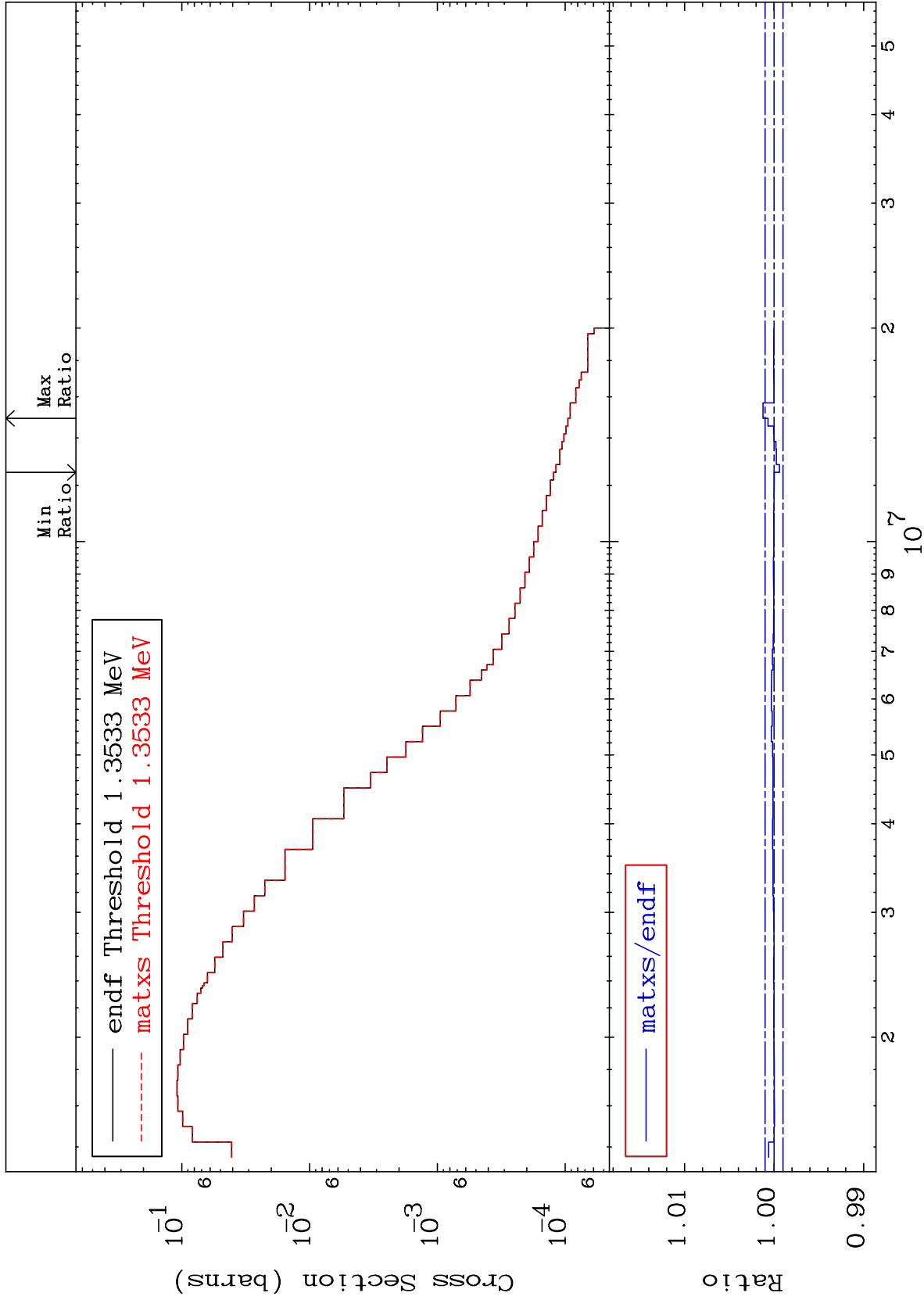
64-Gd-160  
-0.061 To 0.255 %



MAT 6449

1.351 MeV (n,n') Level  
Cross Section

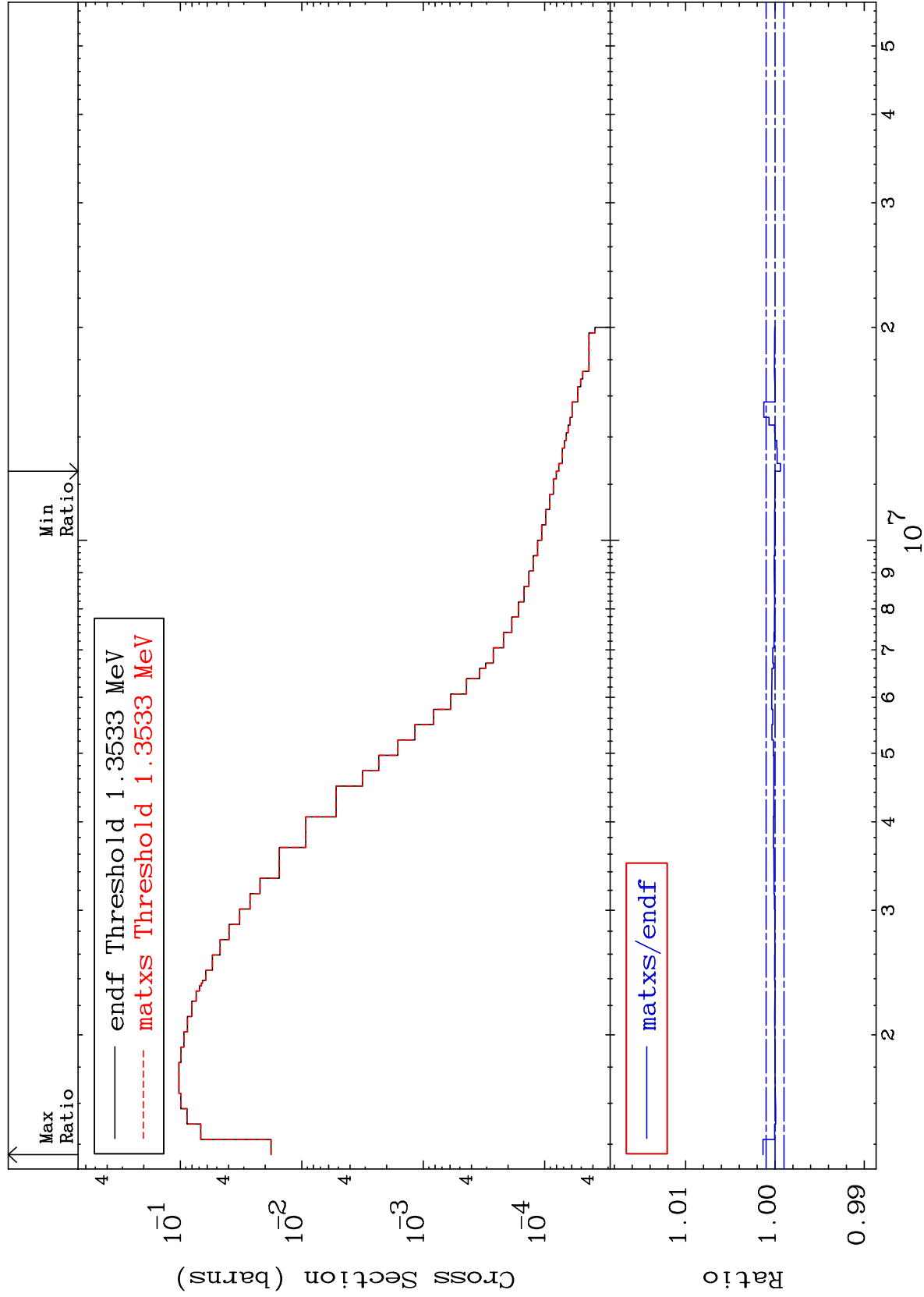
64-Gd-160  
-0.061 To 0.125 %



MAT 6449

1.377 MeV (n,n') Level  
Cross Section

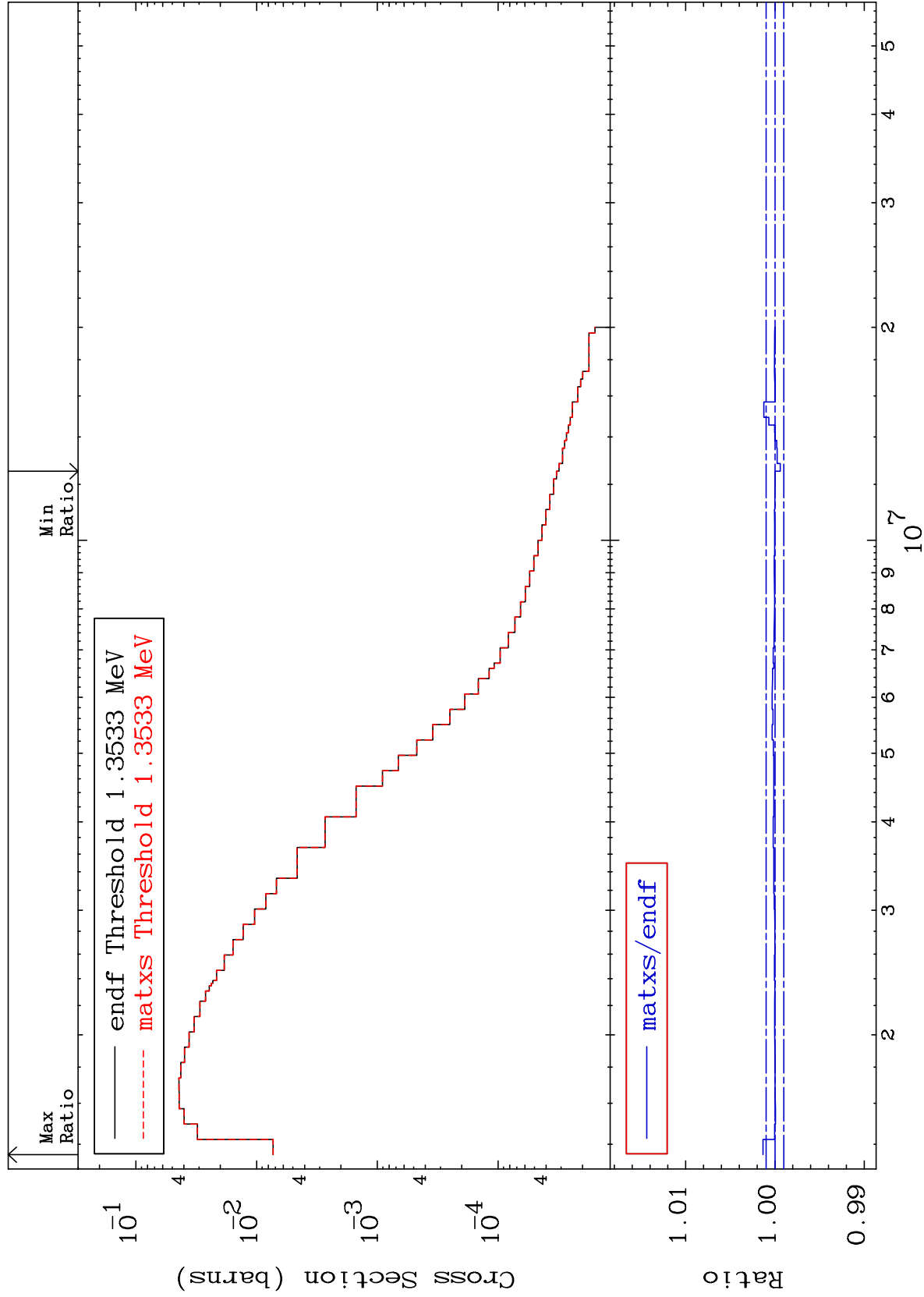
64-Gd-160  
-0.060 To 0.135 %



MAT 6449

1.380 MeV (n,n') Level  
Cross Section

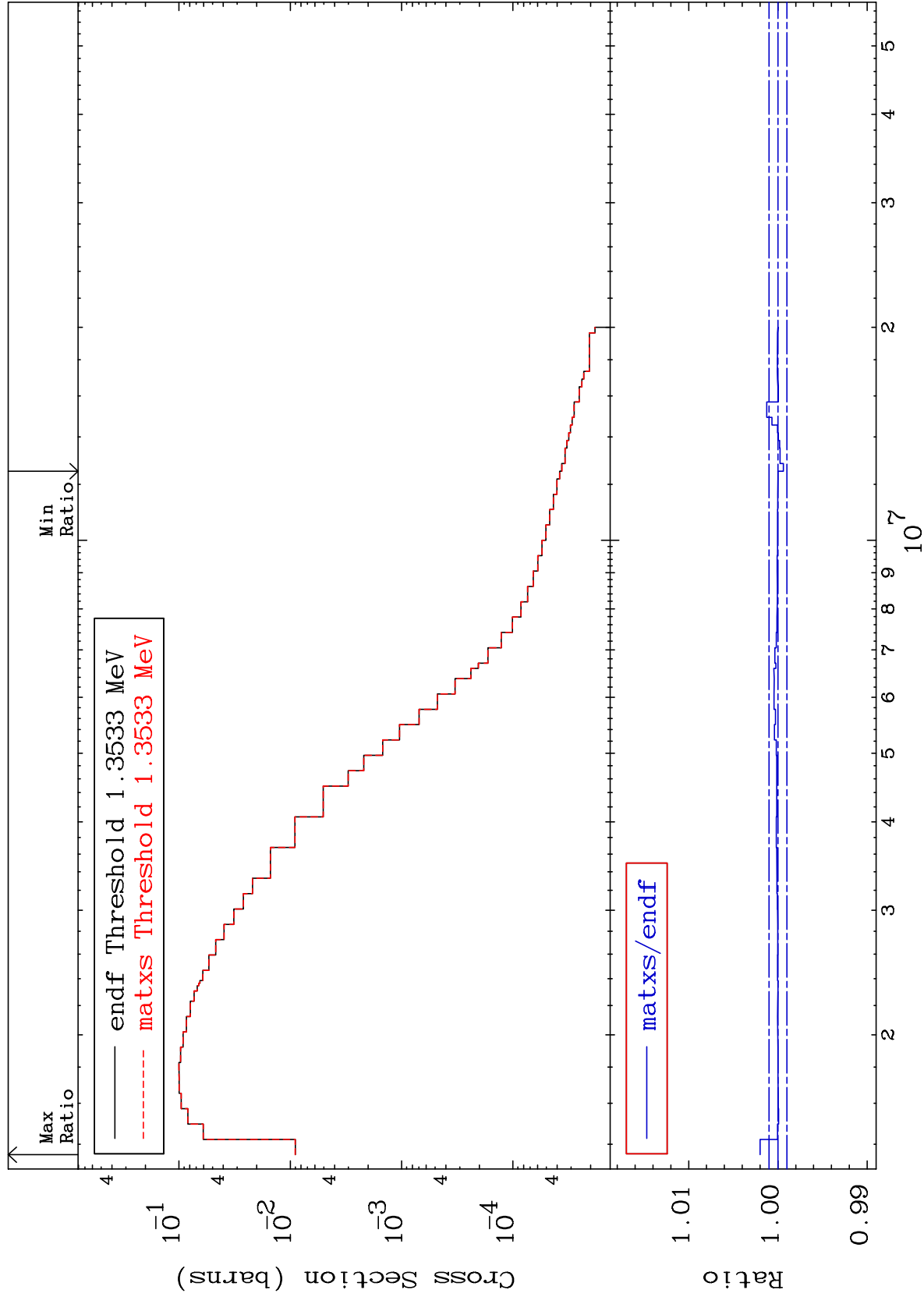
64-Gd-160  
-0.060 To 0.134 %



MAT 6449

1.389 MeV (n,n') Level  
Cross Section

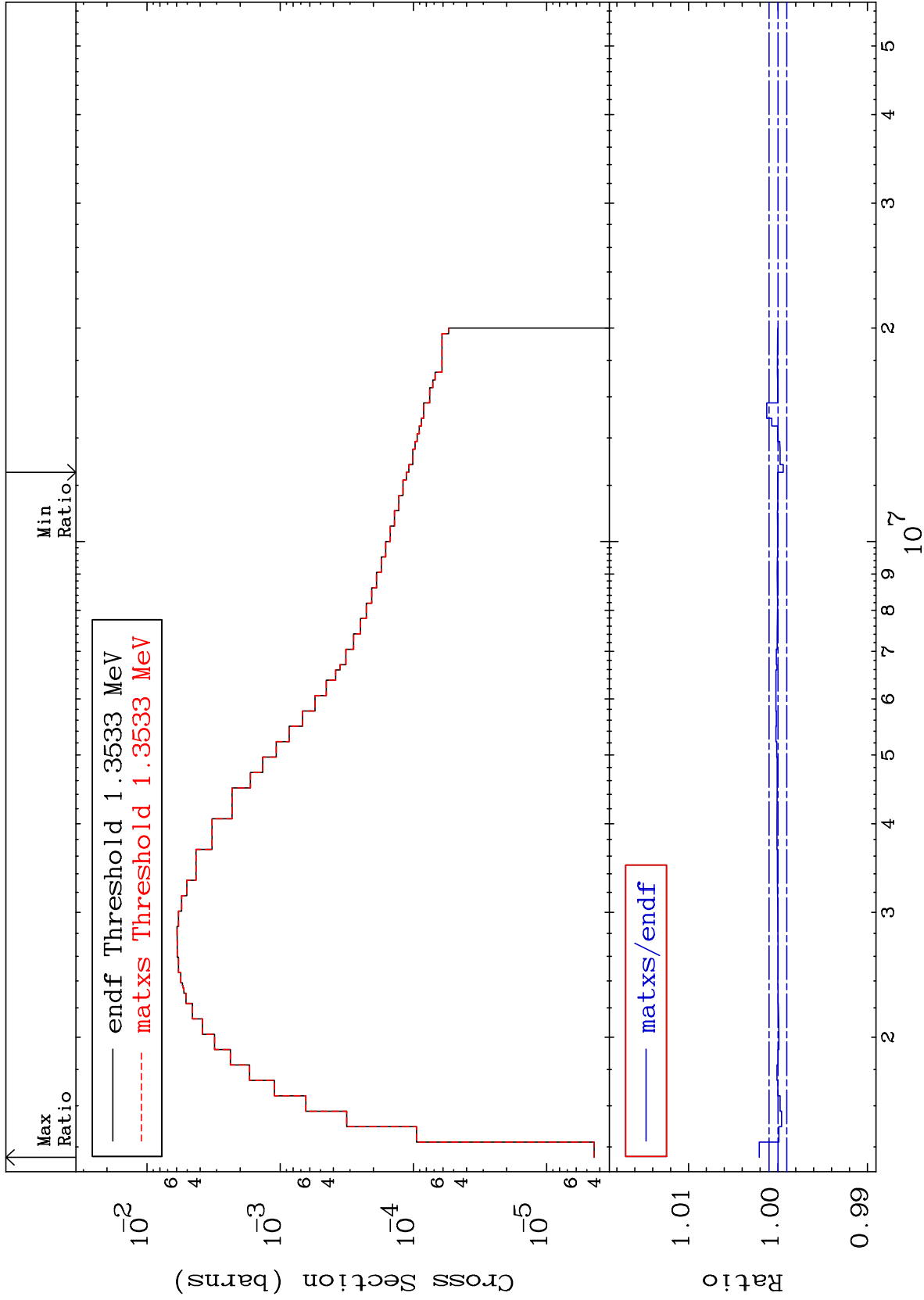
64-Gd-160  
-0.060 To 0.201 %



MAT 6449

1.393 MeV (n,n') Level  
Cross Section

64-Gd-160  
-0.060 To 0.209 %

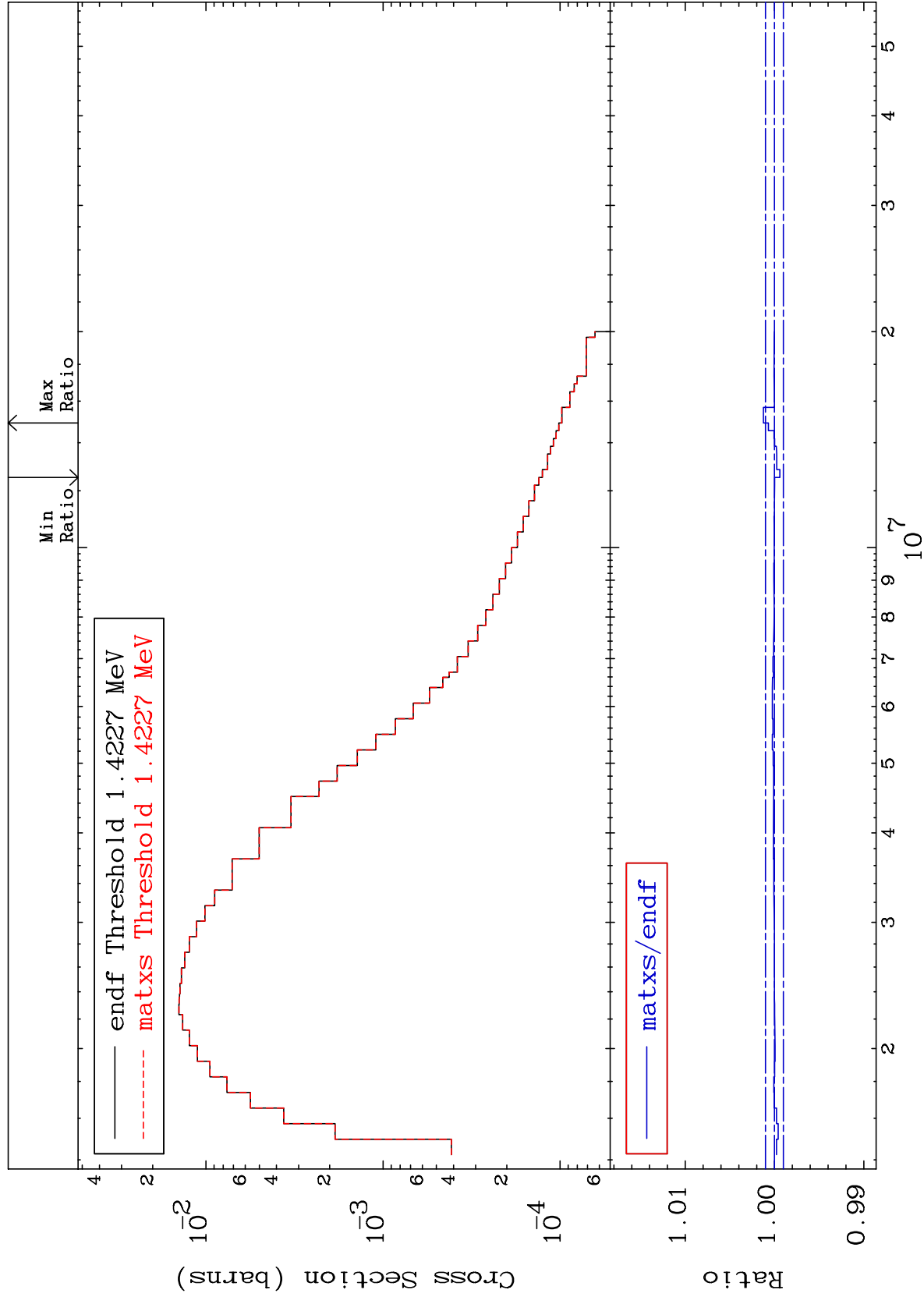




MAT 6449

1.428 MeV (n,n') Level  
Cross Section

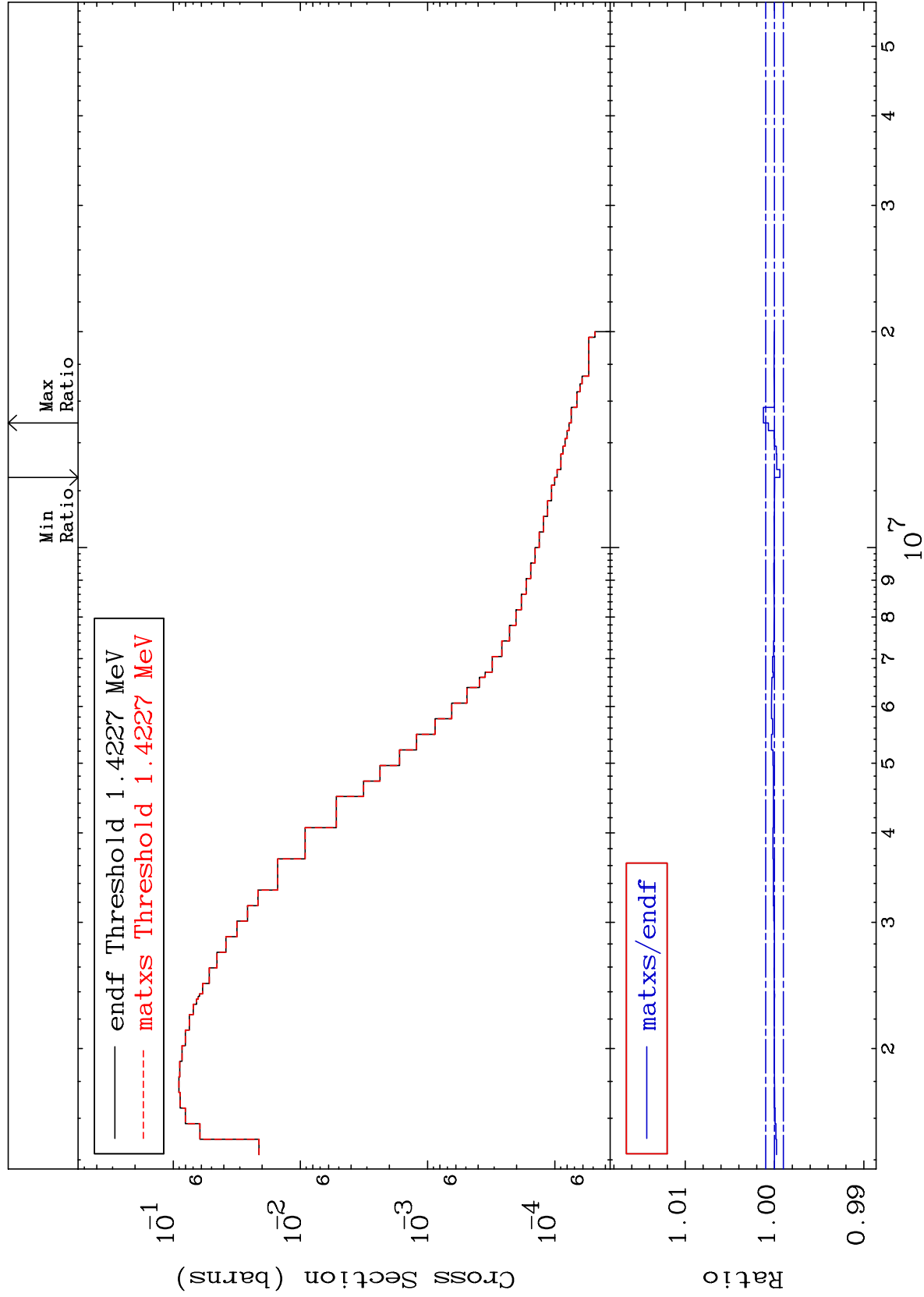
64-Gd-160  
-0.060 To 0.125 %



MAT 6449

1.436 MeV (n,n') Level  
Cross Section

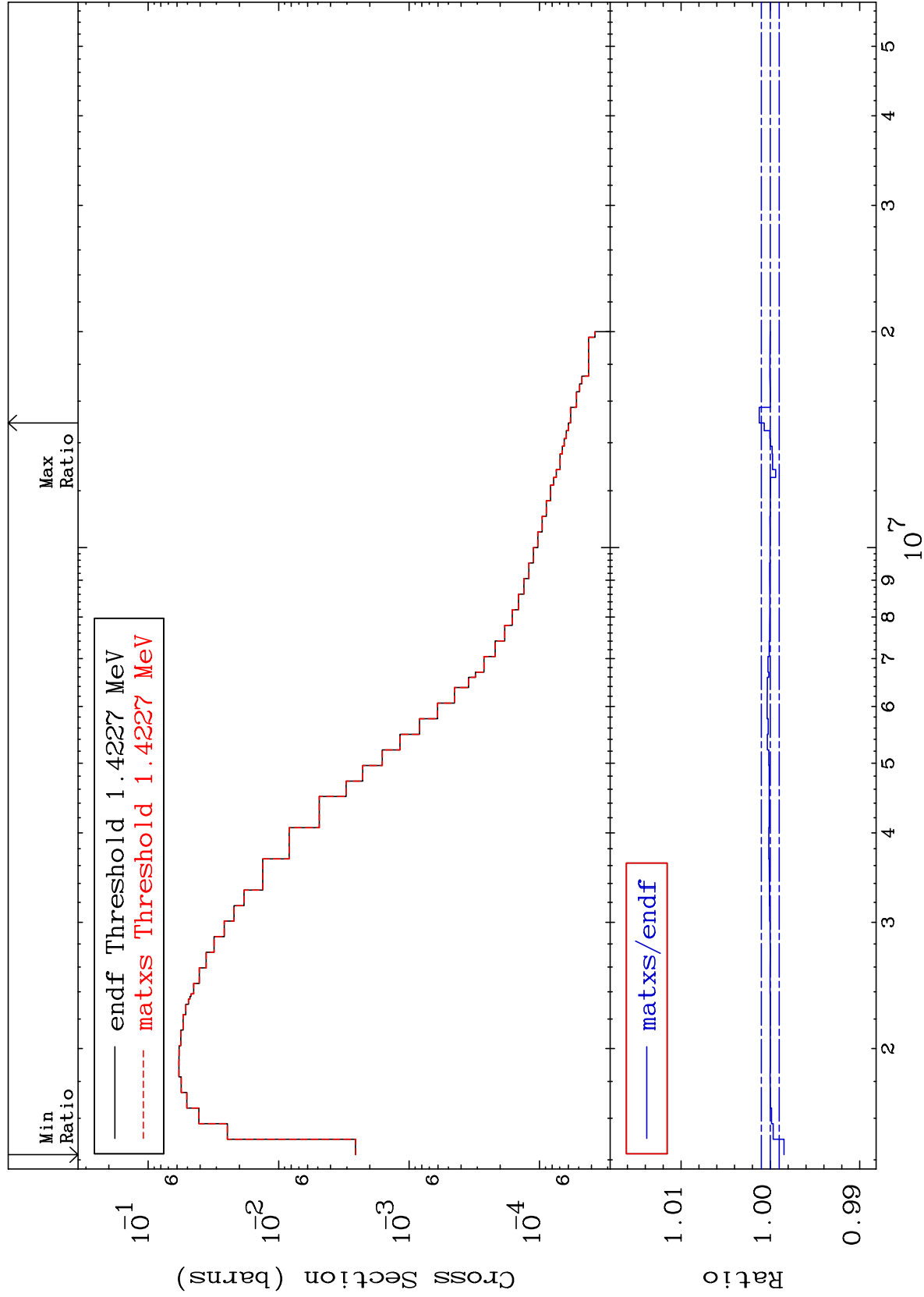
64-Gd-160  
-0.060 To 0.125 %



MAT 6449

1.460 MeV (n,n') Level  
Cross Section

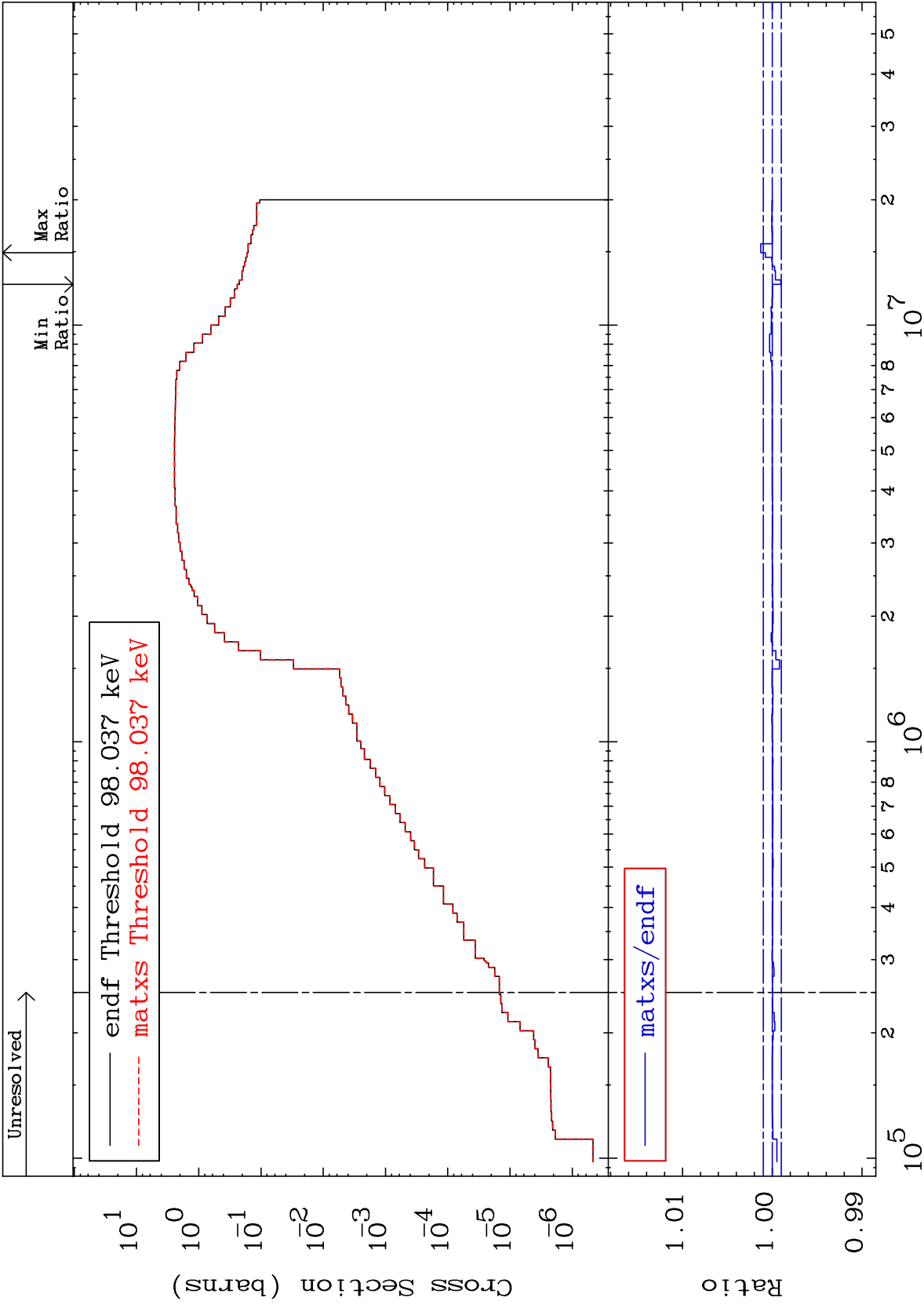
64-Gd-160  
-0.154 To 0.124 %



MAT 6449

(n,n') Continuum  
Cross Section

64-Gd-160  
-0.094 To 0.129 %



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64-Gd-160

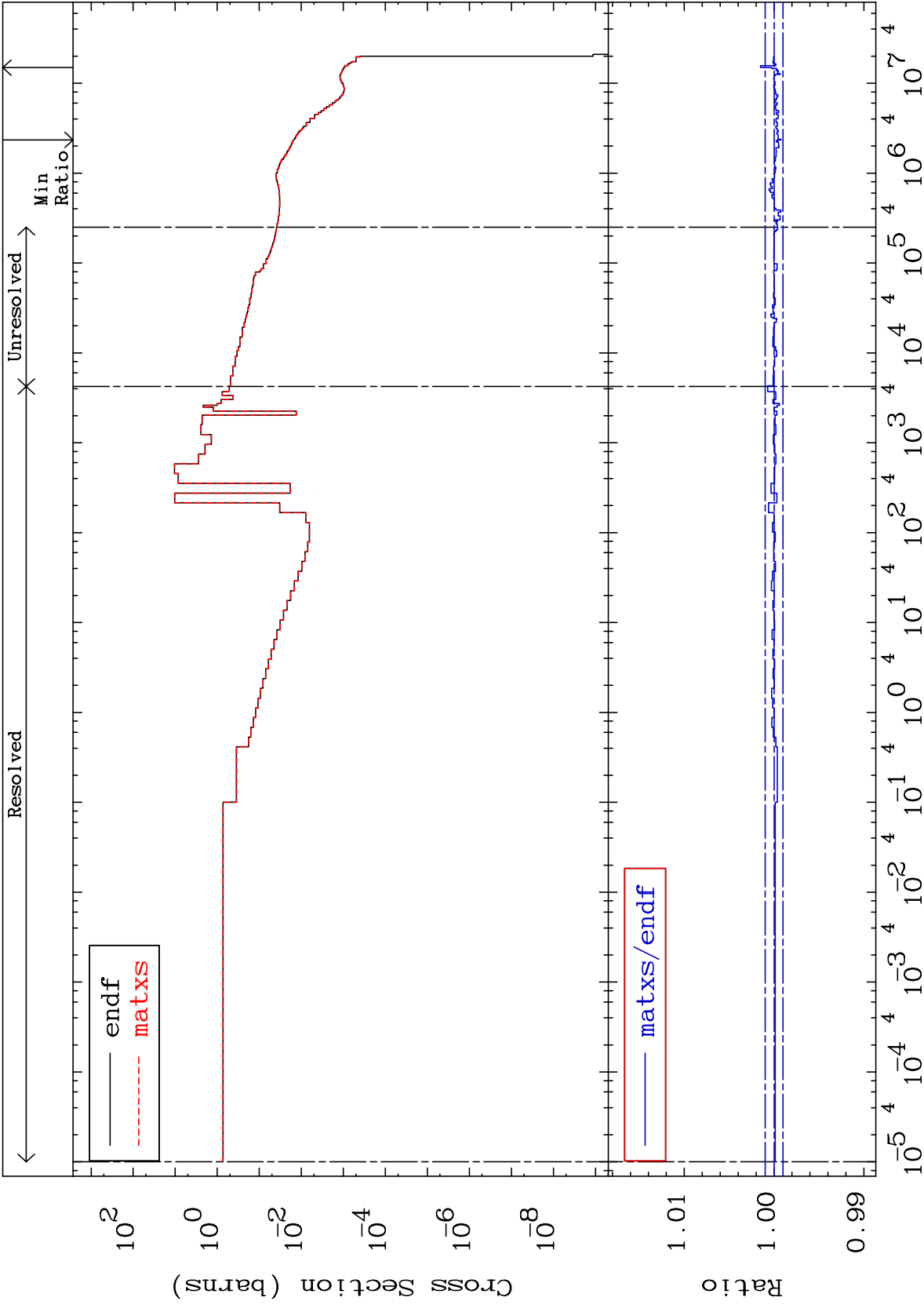
MAT 6449

(n,  $\gamma$ )

64-Gd-160

Cross Section

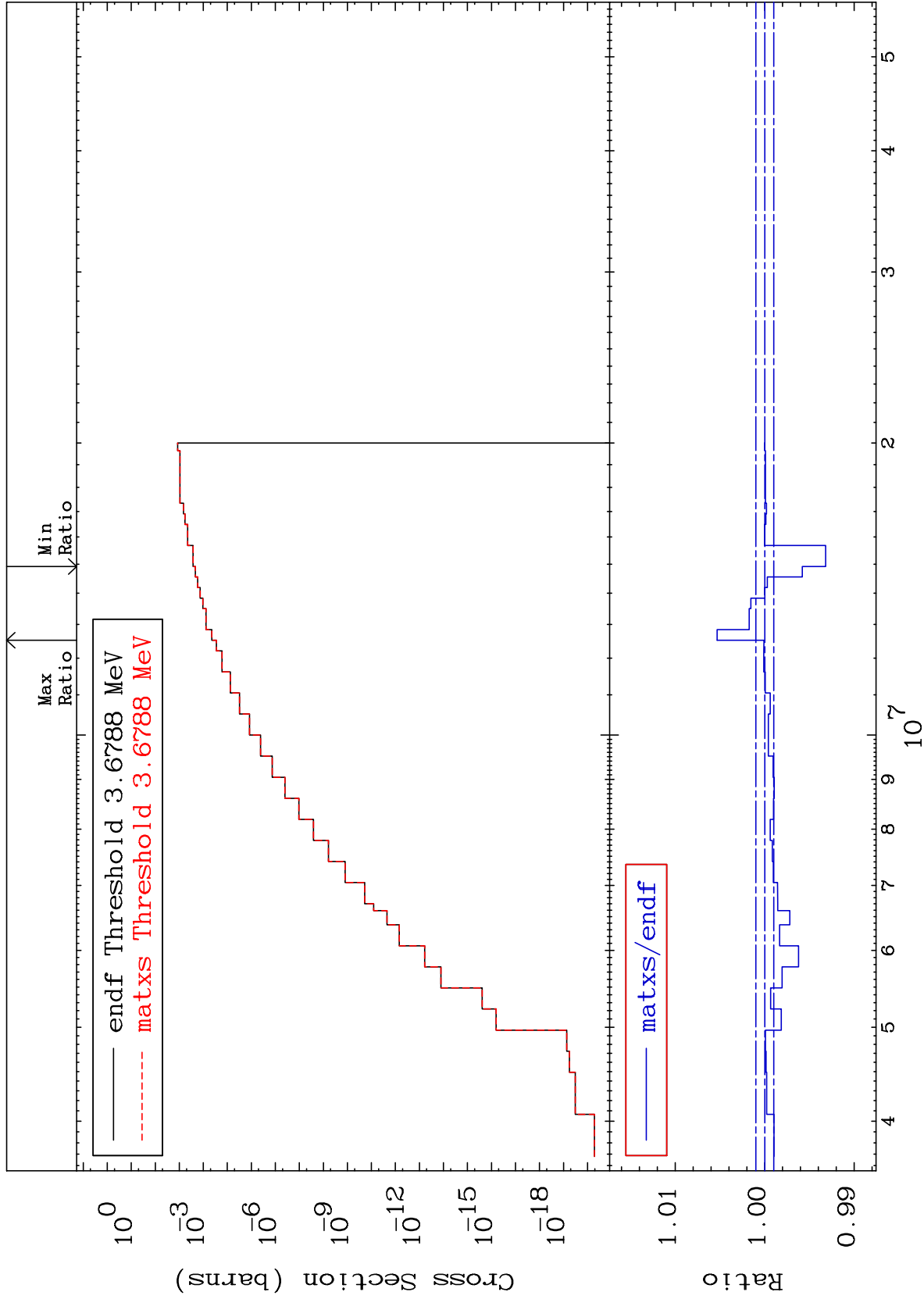
-0.077 To 0.151 %



MAT 6449

64-Gd-160  
-0.681 To 0.532 %

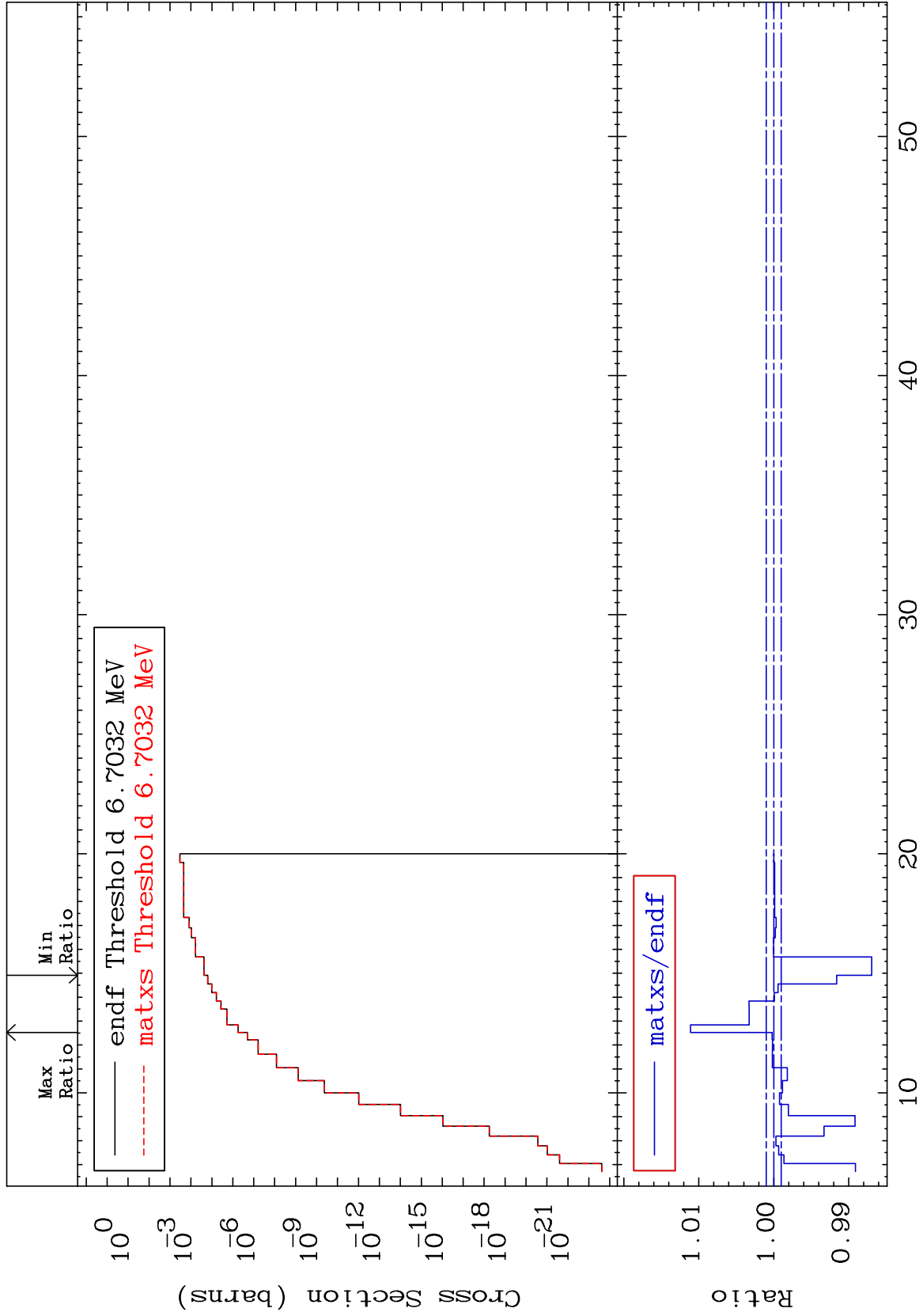
(n,p)  
Cross Section



MAT 6449

(n, d)  
Cross Section

64-Gd-160  
-1.307 To 1.110 %



30

Incident Energy (MeV)

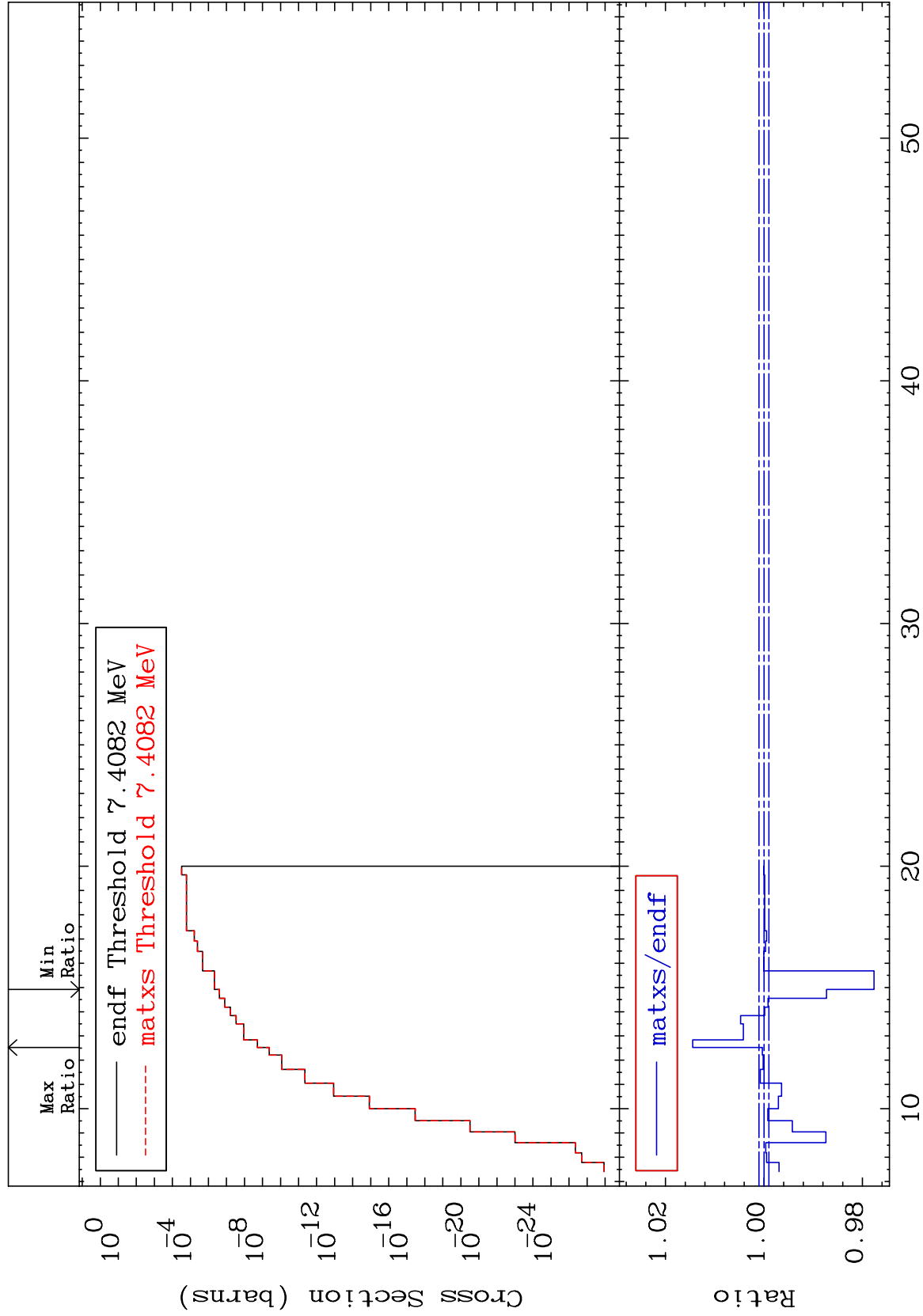
50

64-Gd-160

MAT 6449

(n, t)  
Cross Section

64-Gd-160  
-2.237 To 1.447 %





MAT 6449

(n,  $\alpha$ )

64-Gd-160

Cross Section

-100.0 To 0.464 %

