

Program Complot  
(Version 2015-2)

by

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(Present Contact Information)

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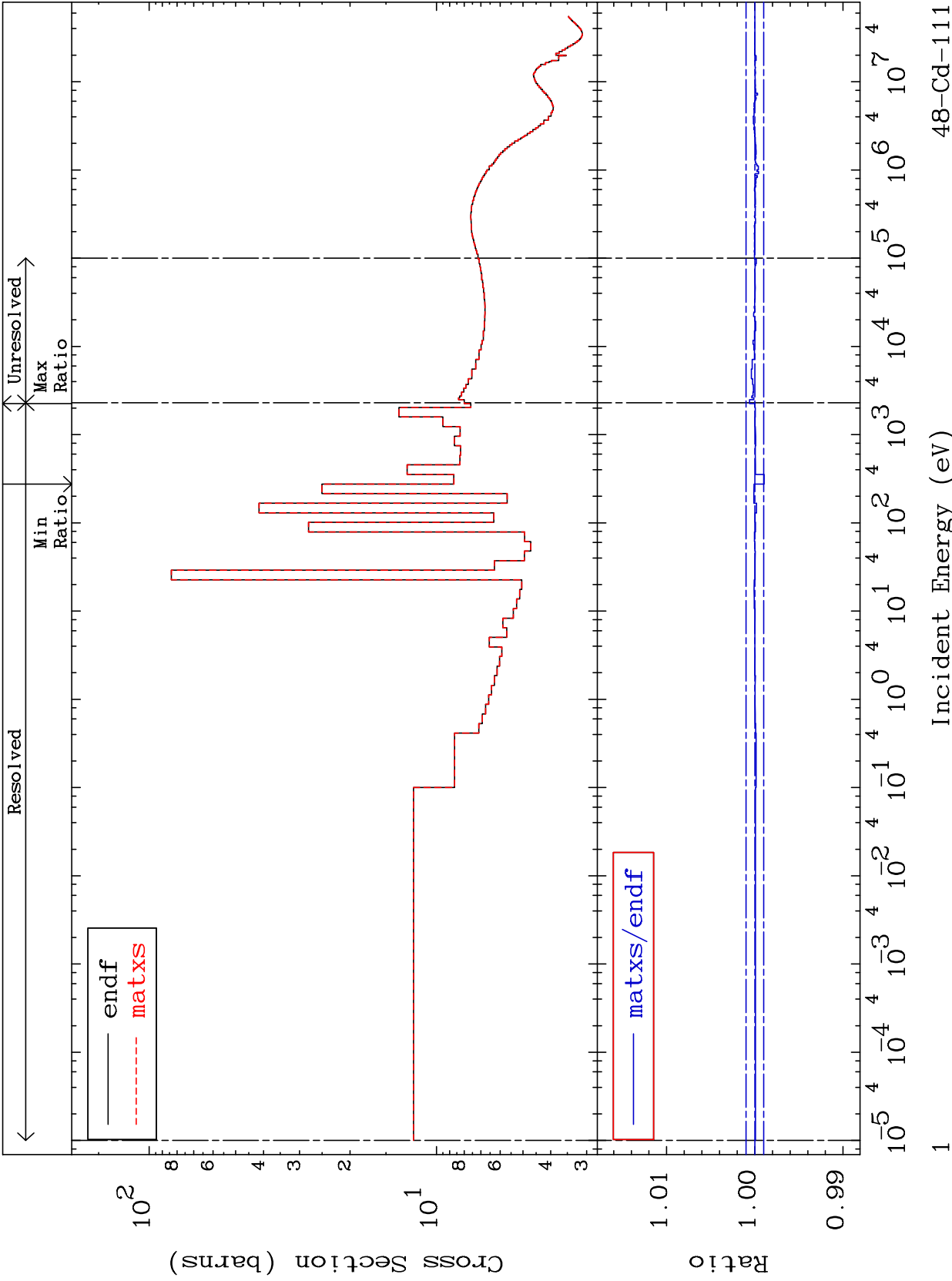
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 4840

Total  
Cross Section

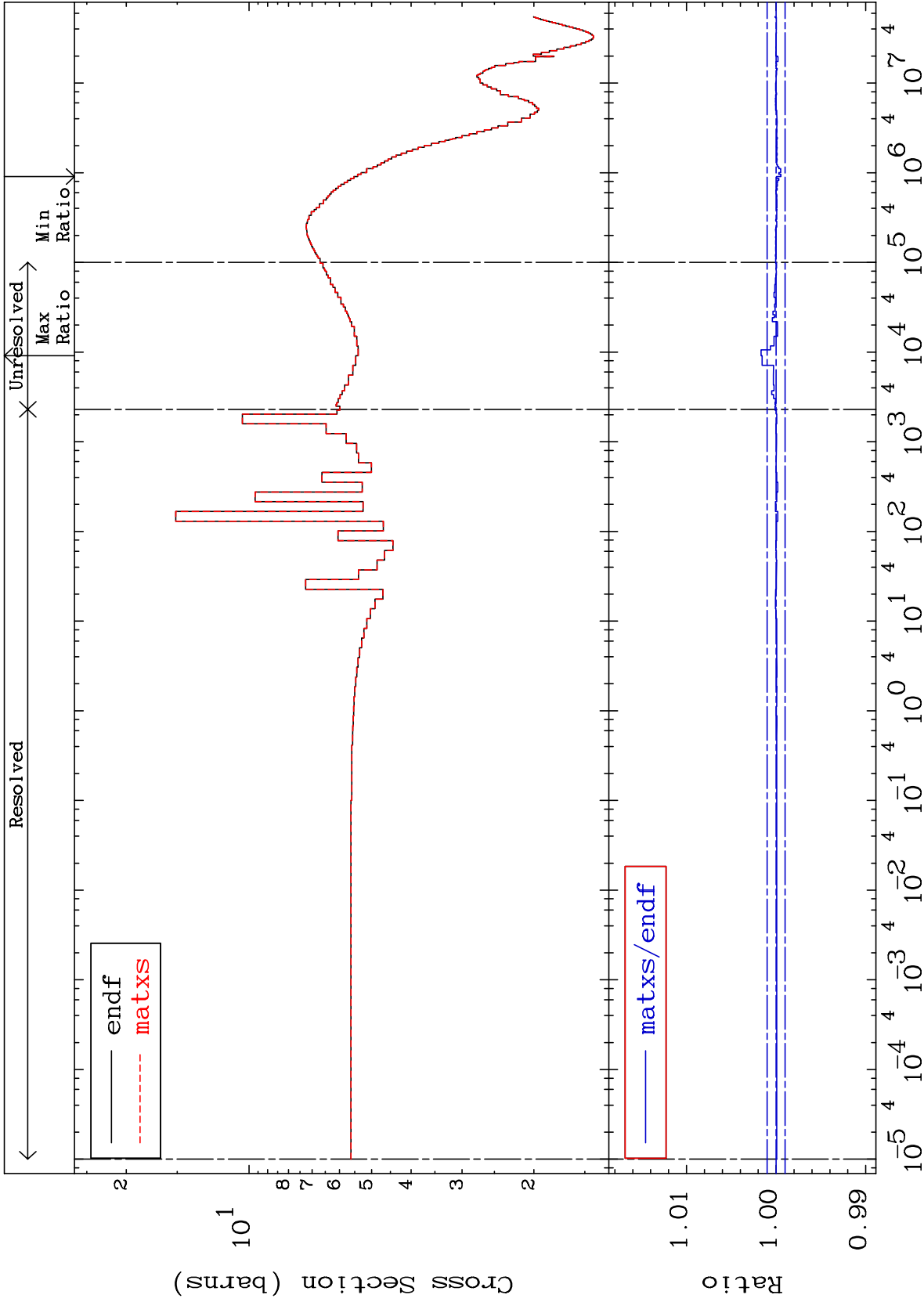
48-Cd-111  
-0.106 To 0.061 %



MAT 4840

### Elastic Cross Section

48-Cd-111  
-0.054 To 0.168 %



2

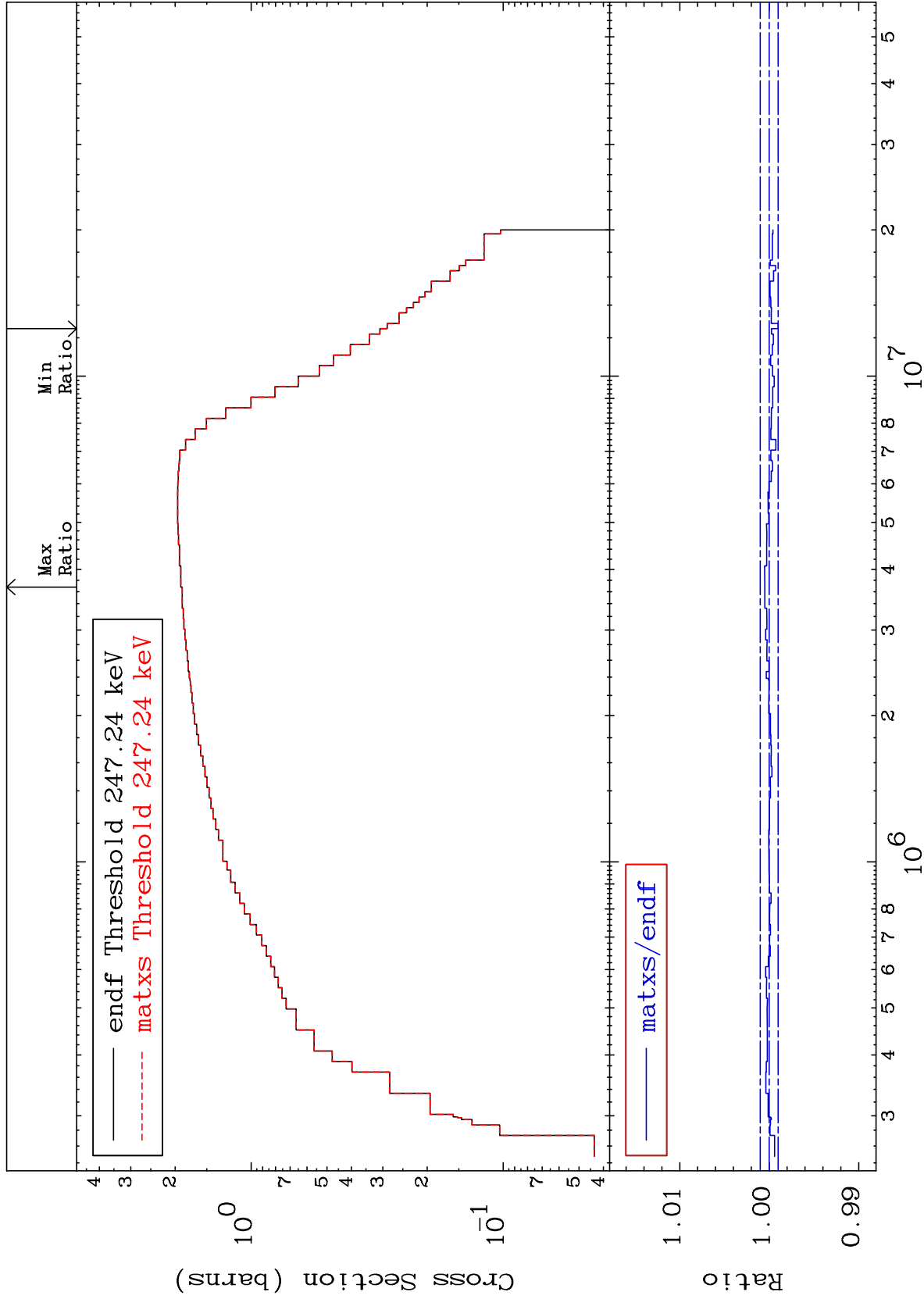
Incident Energy (eV)

48-Cd-111

MAT 4840

48-Cd-111  
-0.100 To 0.051 %

Inelastic  
Cross Section



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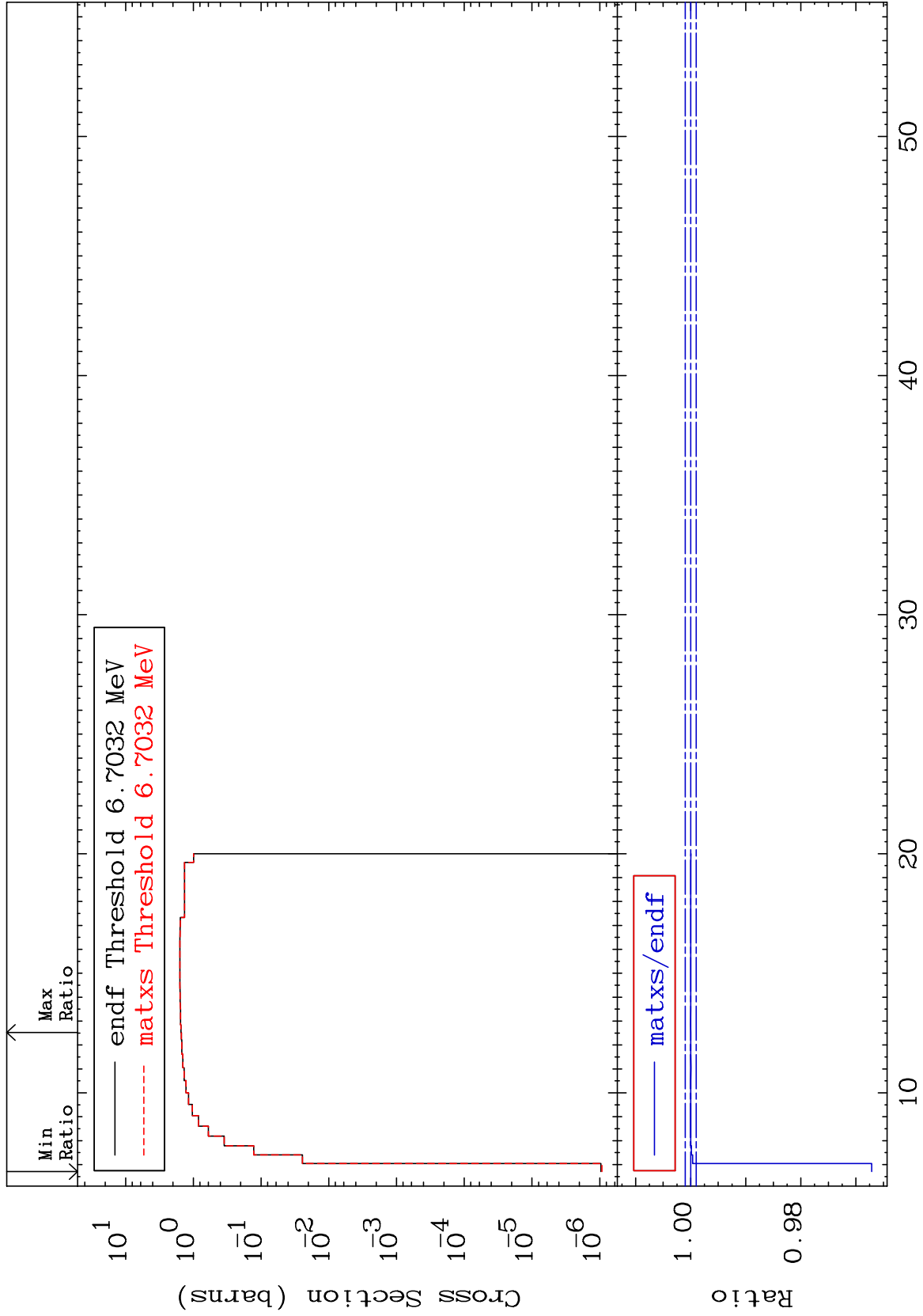
Incident Energy (eV)

48-Cd-111

MAT 4840

(n, 2n)  
Cross Section

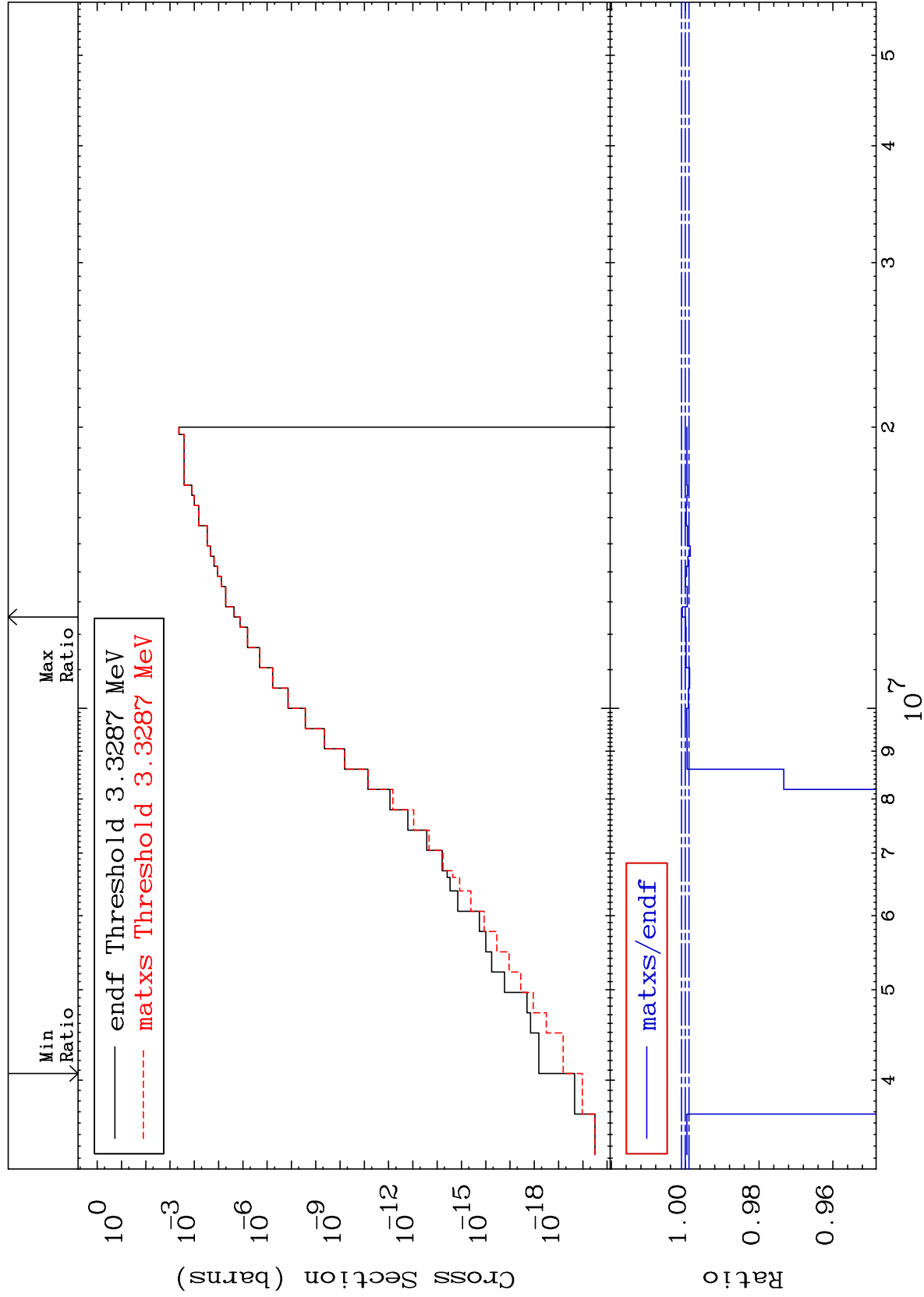
48-Cd-111  
-3.287 To 0.003 %



MAT 4840

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

48-Cd-111  
-89.96 To 0.079 %



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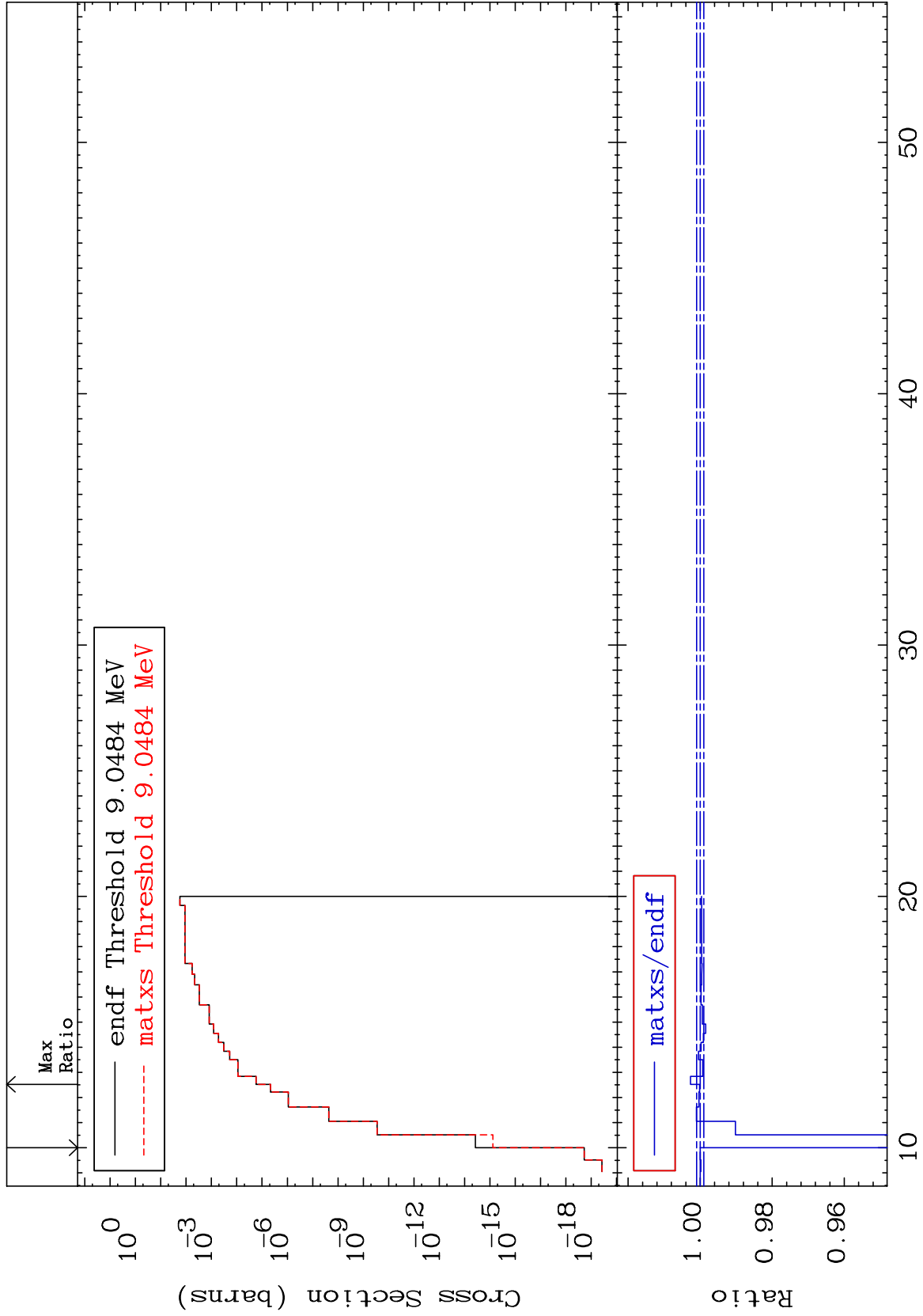
Incident Energy (eV)

48-Cd-111

MAT 4840

(n, n') p  
Cross Section

48-Cd-111  
-79.60 To 0.267 %



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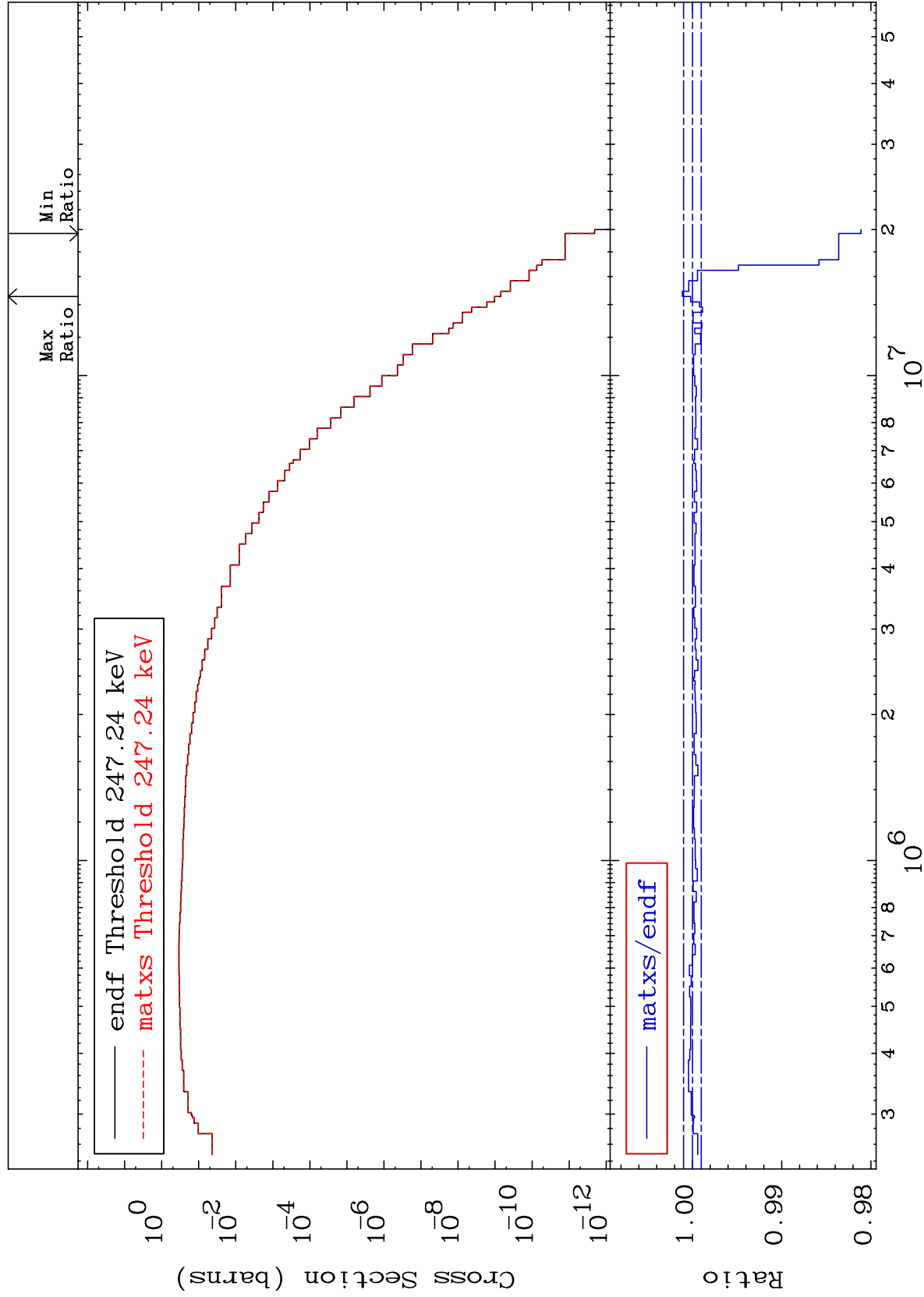
Incident Energy (MeV)

48-Cd-111

MAT 4840

245.4 keV (n,n') Level  
Cross Section

48-Cd-111  
-1.888 To 0.113 %

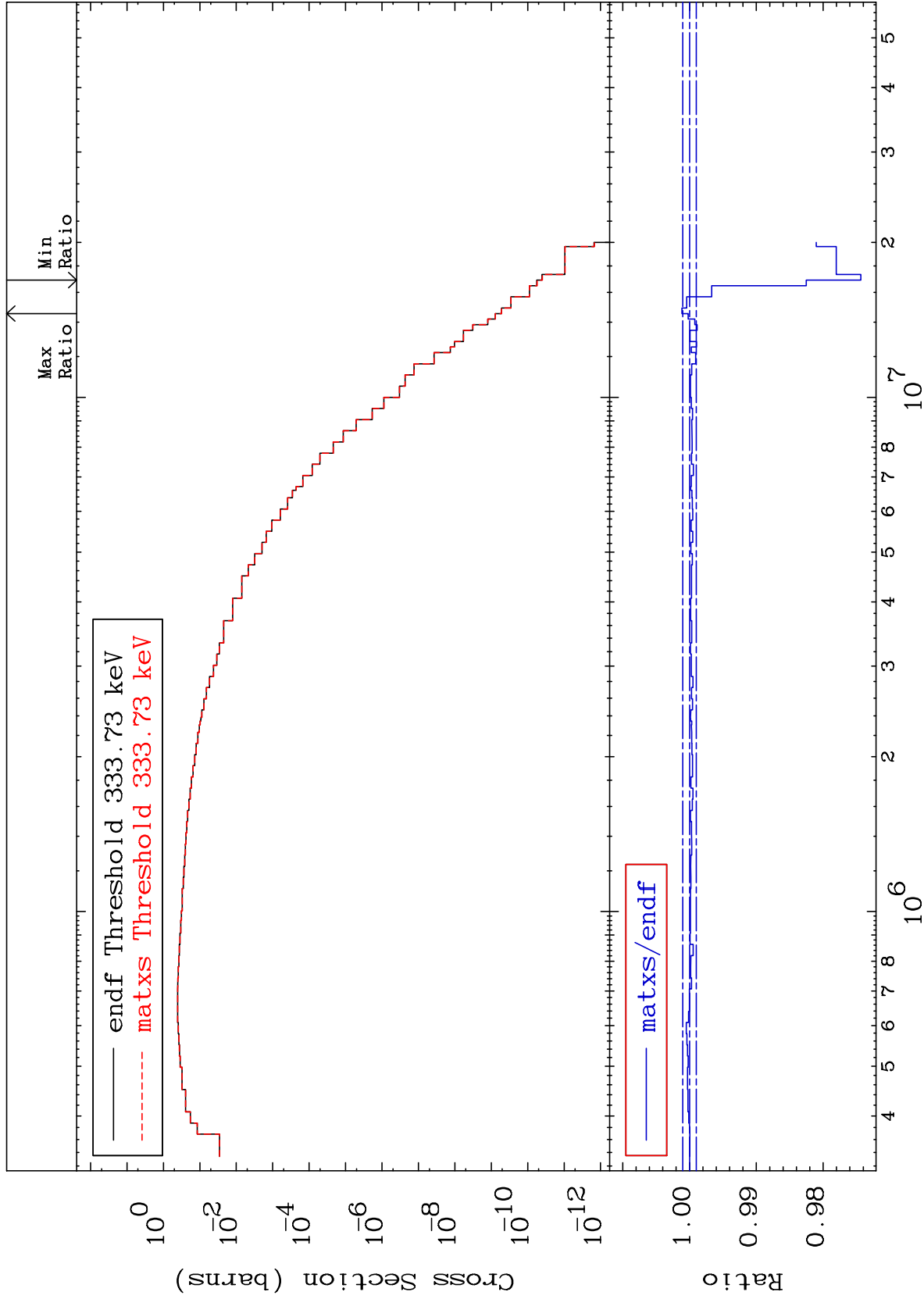




MAT 4840

341.9 keV (n,n') Level  
Cross Section

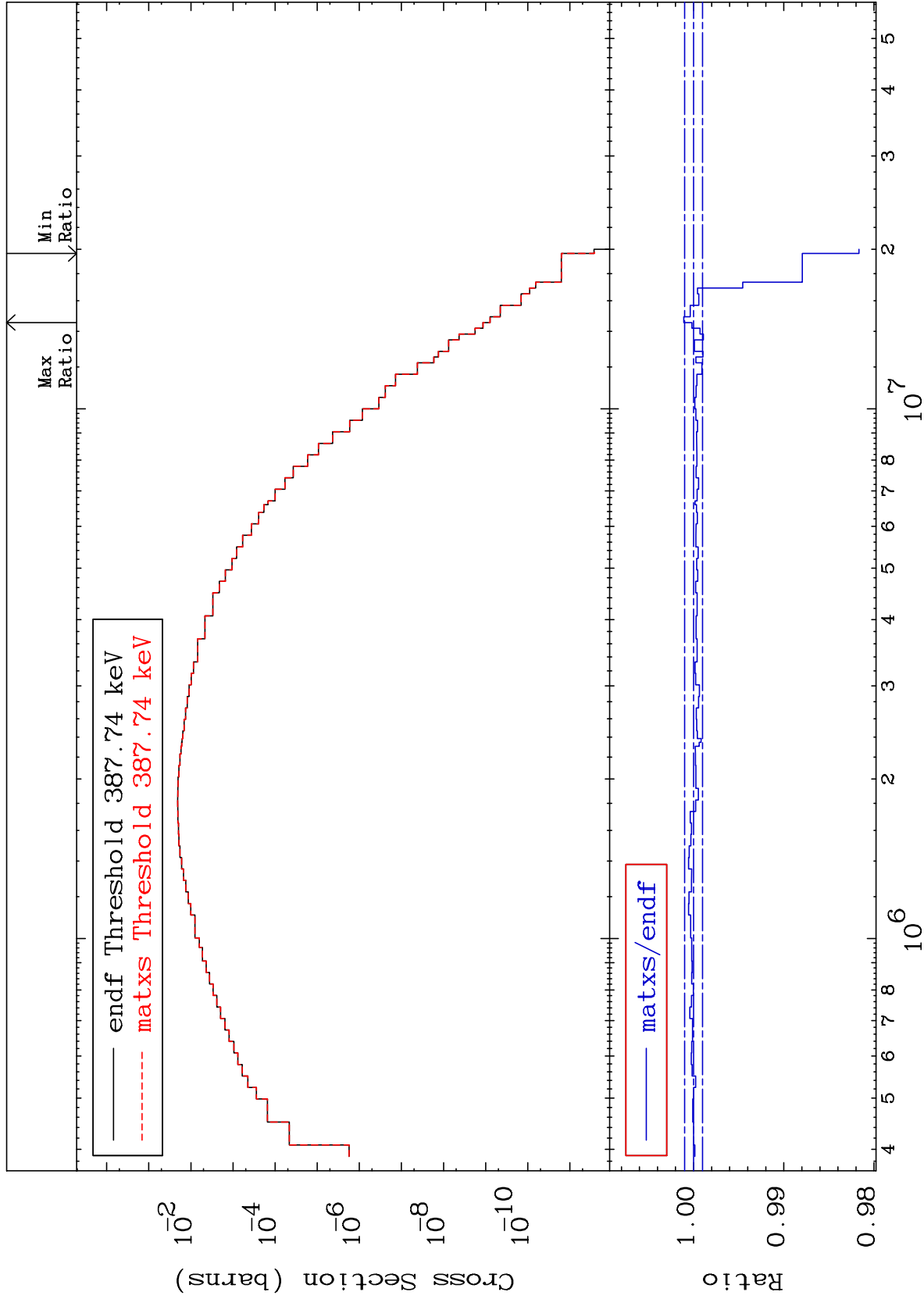
48-Cd-111  
-2.564 To 0.113 %



MAT 4840

396.0 keV (n,n') Level  
Cross Section

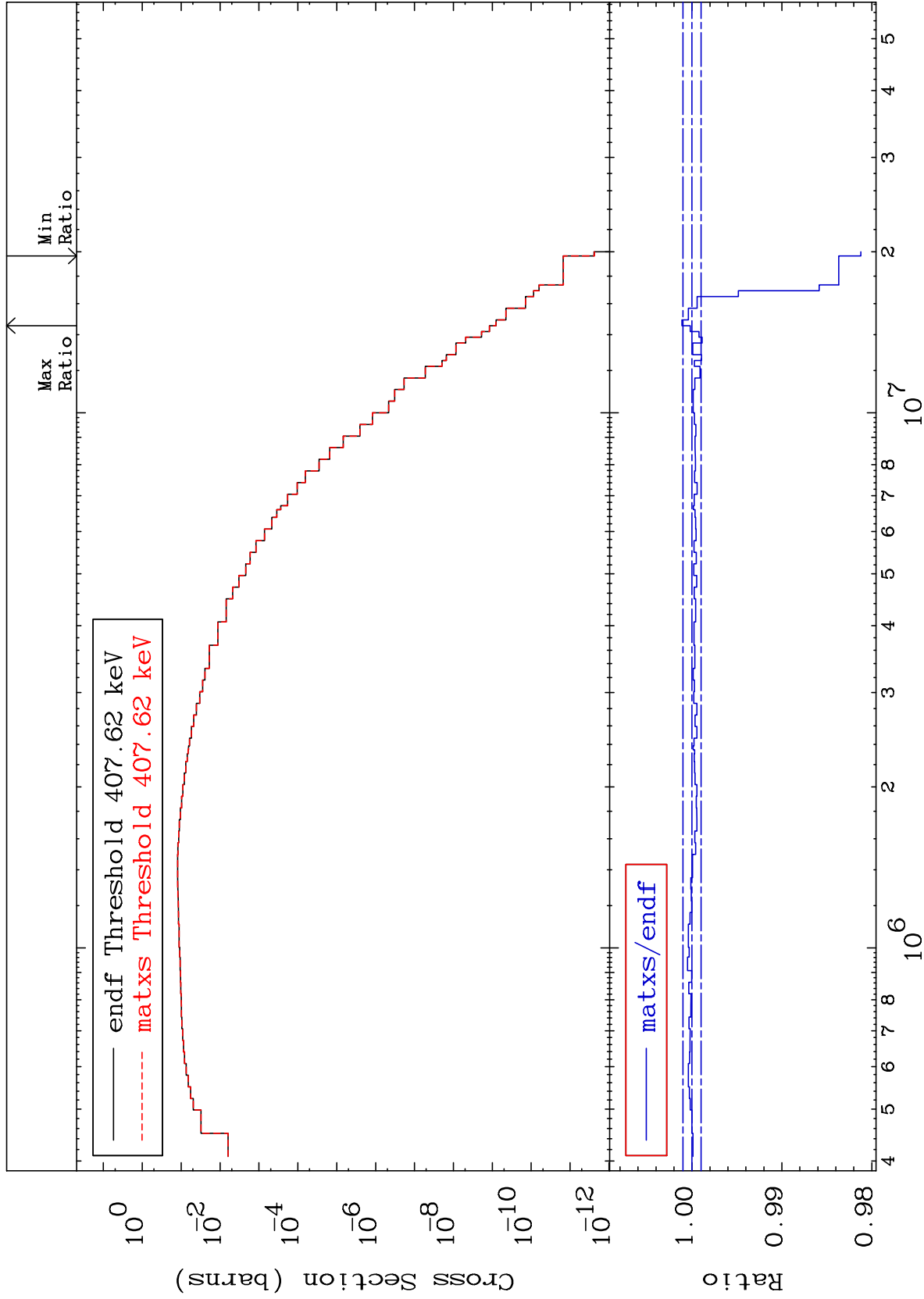
48-Cd-111  
-1.833 To 0.108 %



MAT 4840

416.6 keV (n,n') Level  
Cross Section

48-Cd-111  
-1.878 To 0.112 %



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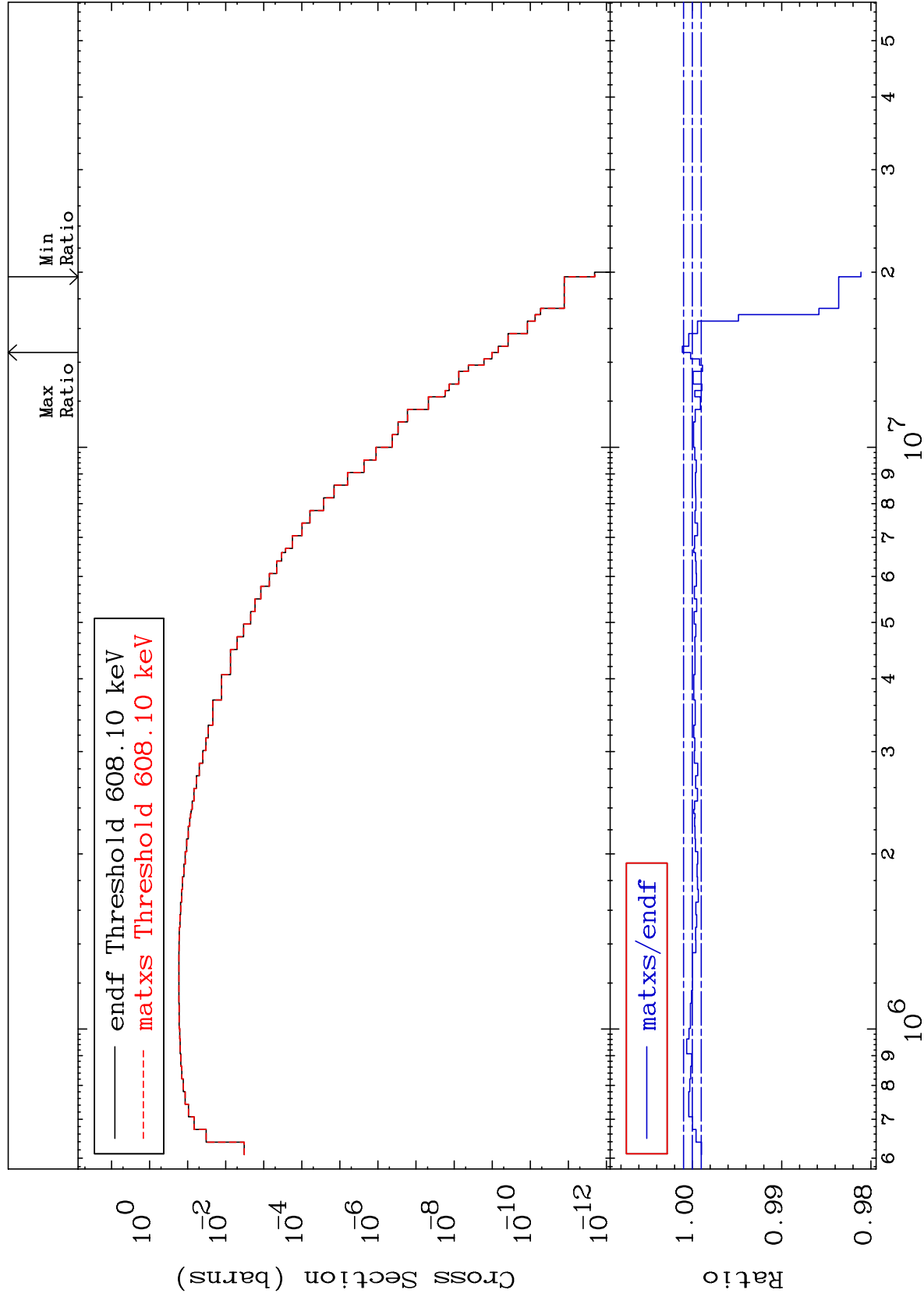
Incident Energy (eV)

48-Cd-111

MAT 4840

620.0 keV (n,n') Level  
Cross Section

48-Cd-111  
-1.888 To 0.112 %



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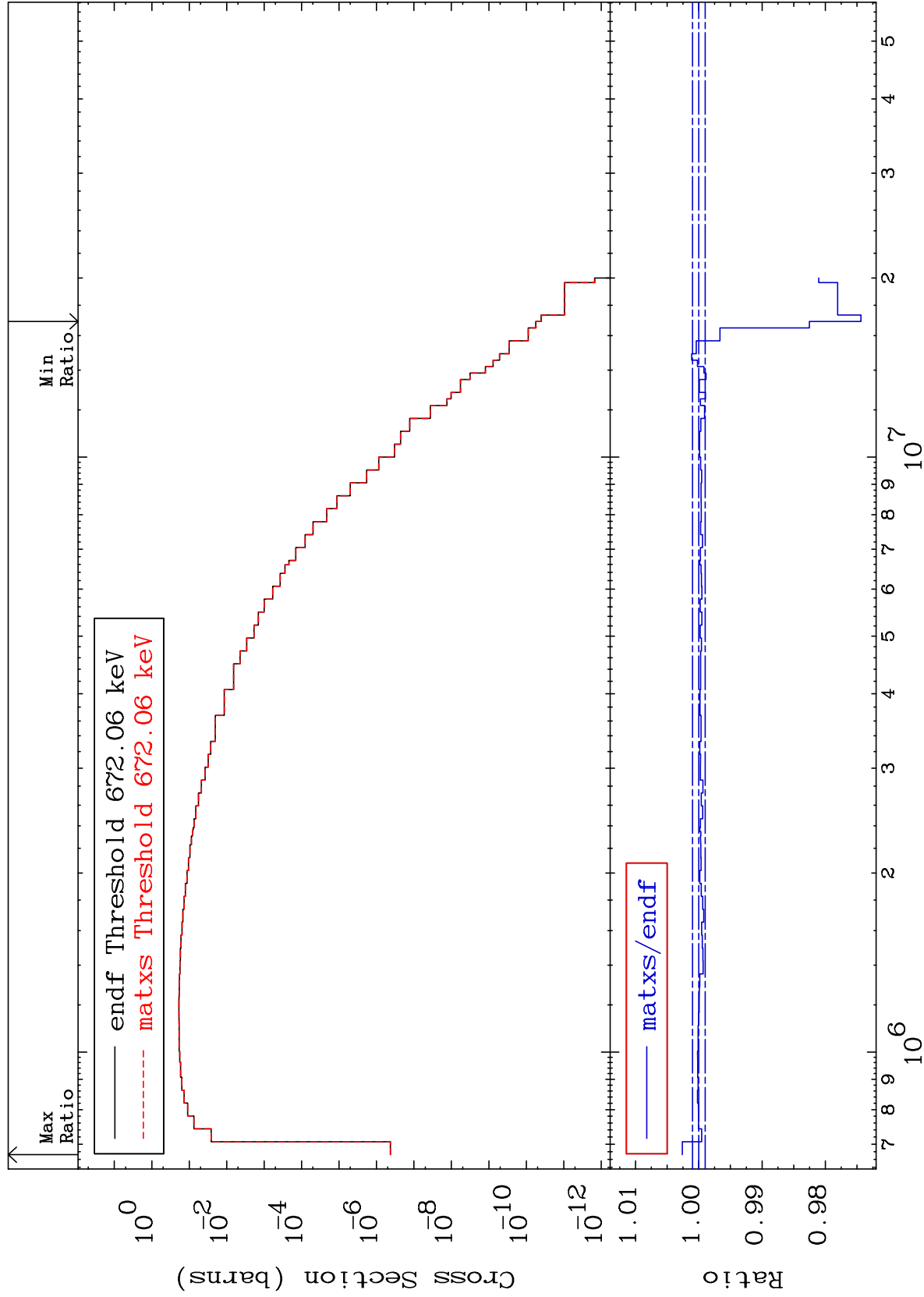
Incident Energy (eV)

48-Cd-111

MAT 4840

700.0 keV (n,n') Level  
Cross Section

48-Cd-111  
-2.563 To 0.260 %



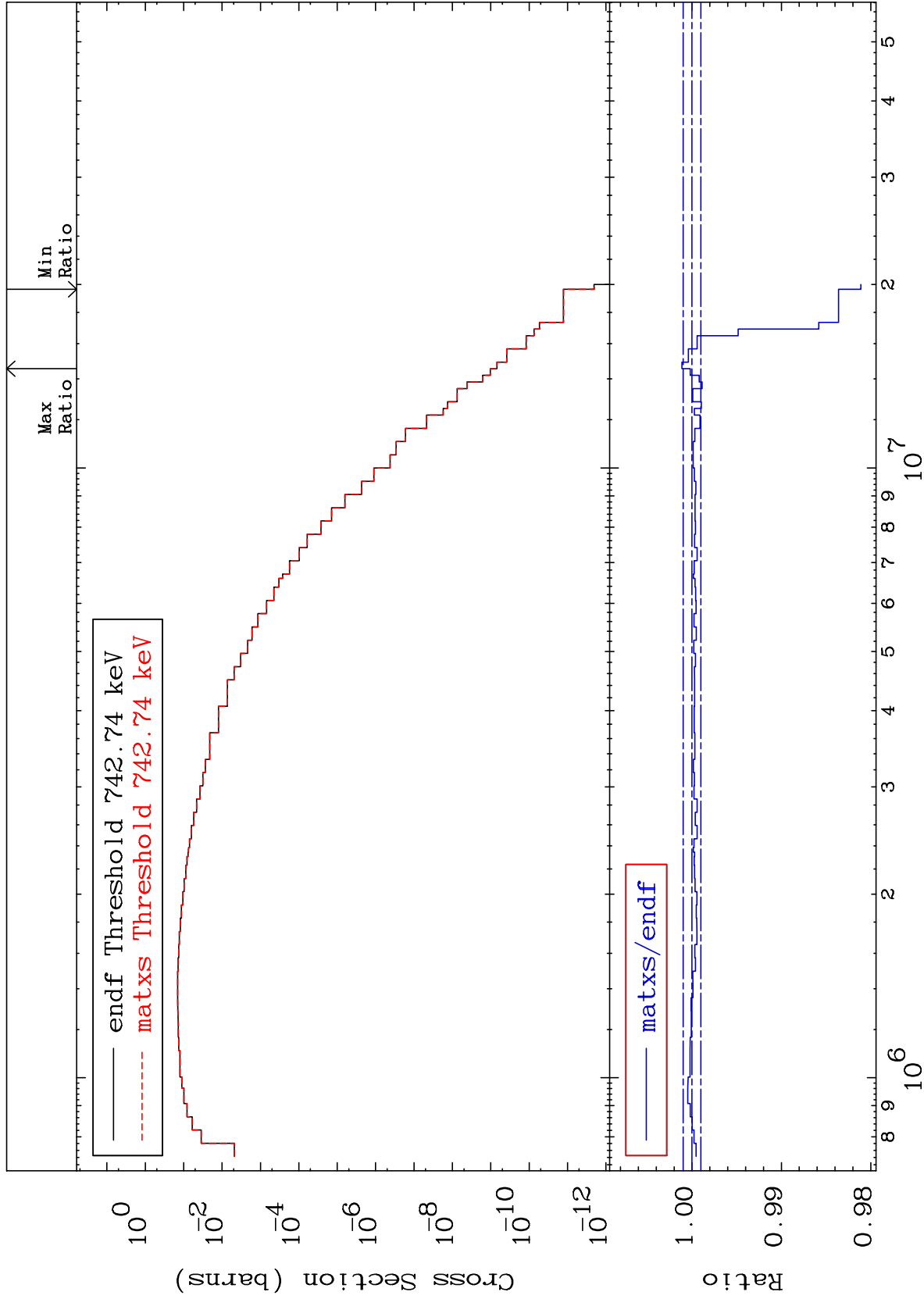
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48-Cd-111

MAT 4840

754.0 keV (n,n') Level  
Cross Section

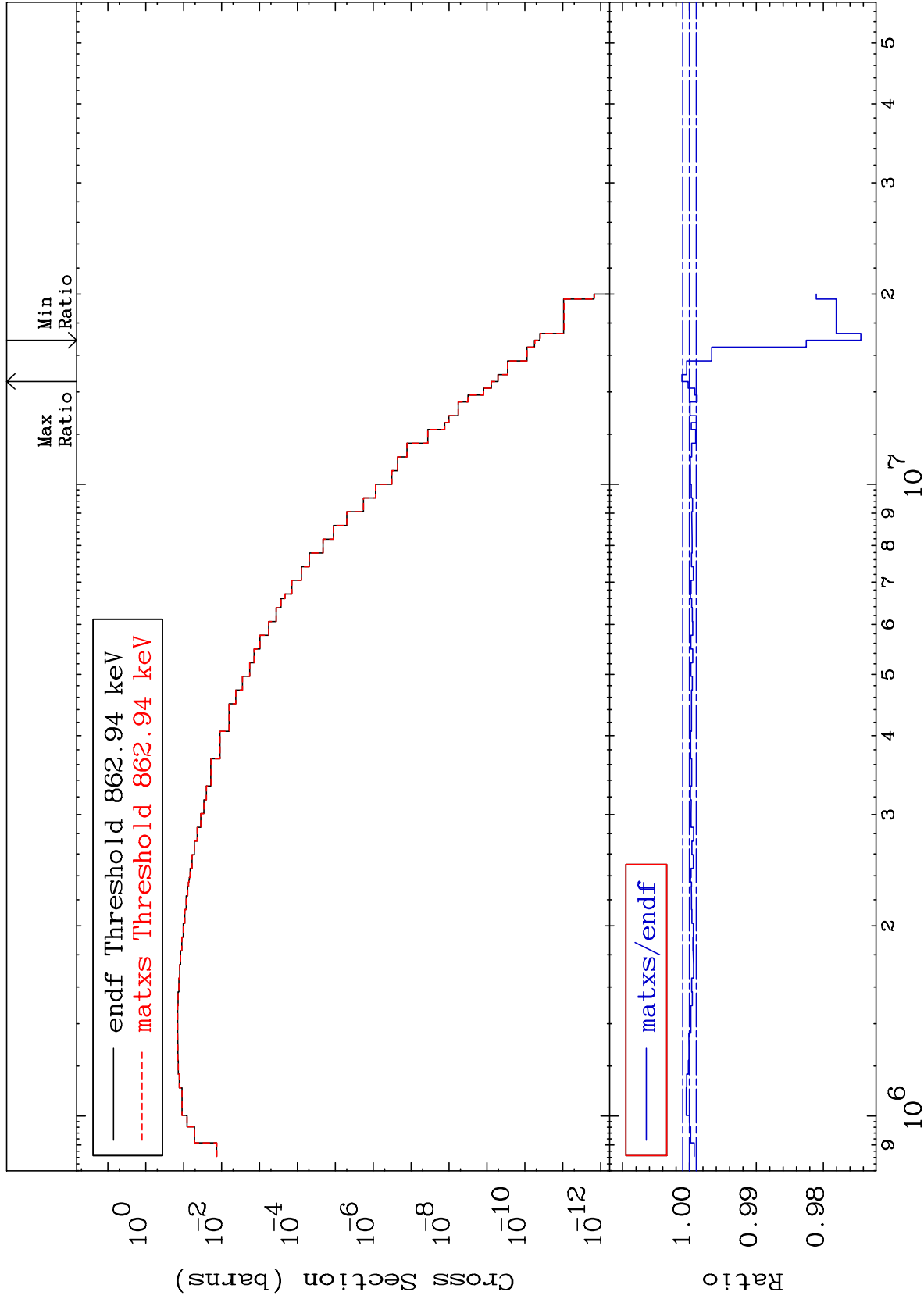
48-Cd-111  
-1.889 To 0.112 %



MAT 4840

866.5 keV (n,n') Level  
Cross Section

48-Cd-111  
-2.562 To 0.113 %



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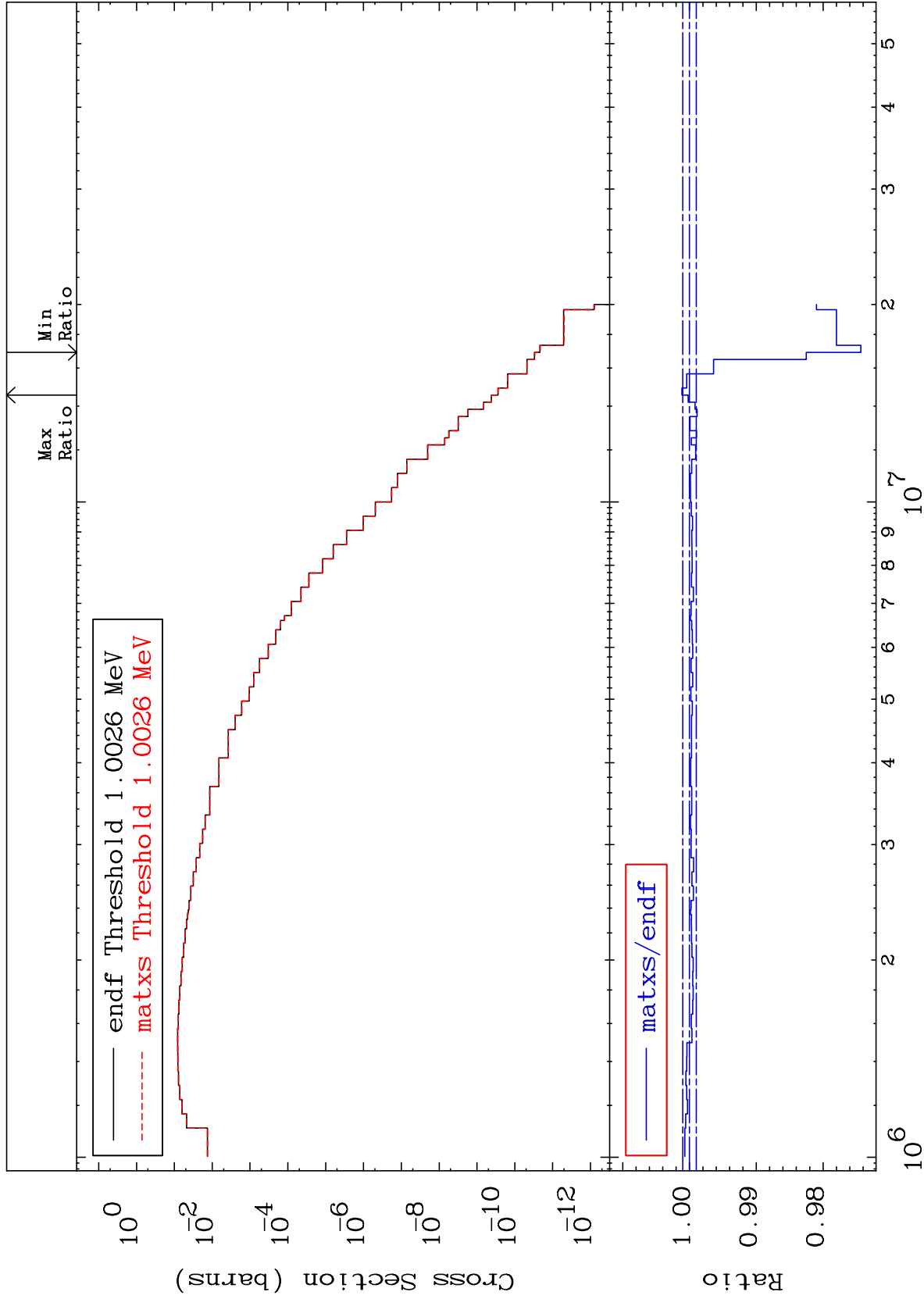
Incident Energy (eV)

48-Cd-111

MAT 4840

1.020 MeV (n,n') Level  
Cross Section

48-Cd-111  
-2.565 To 0.113 %



Incident Energy (eV)

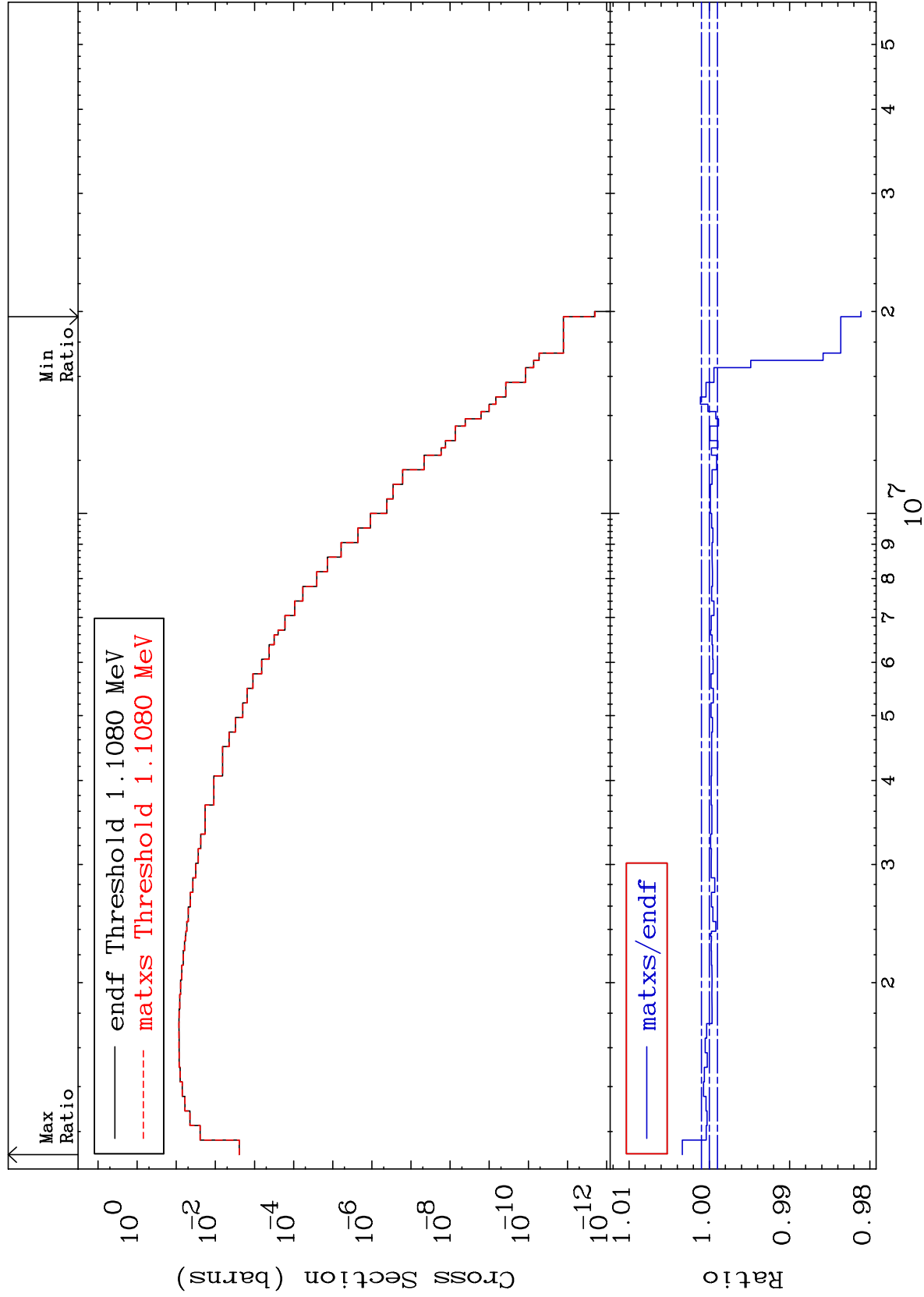
48-Cd-111



MAT 4840

1.130 MeV (n,n') Level  
Cross Section

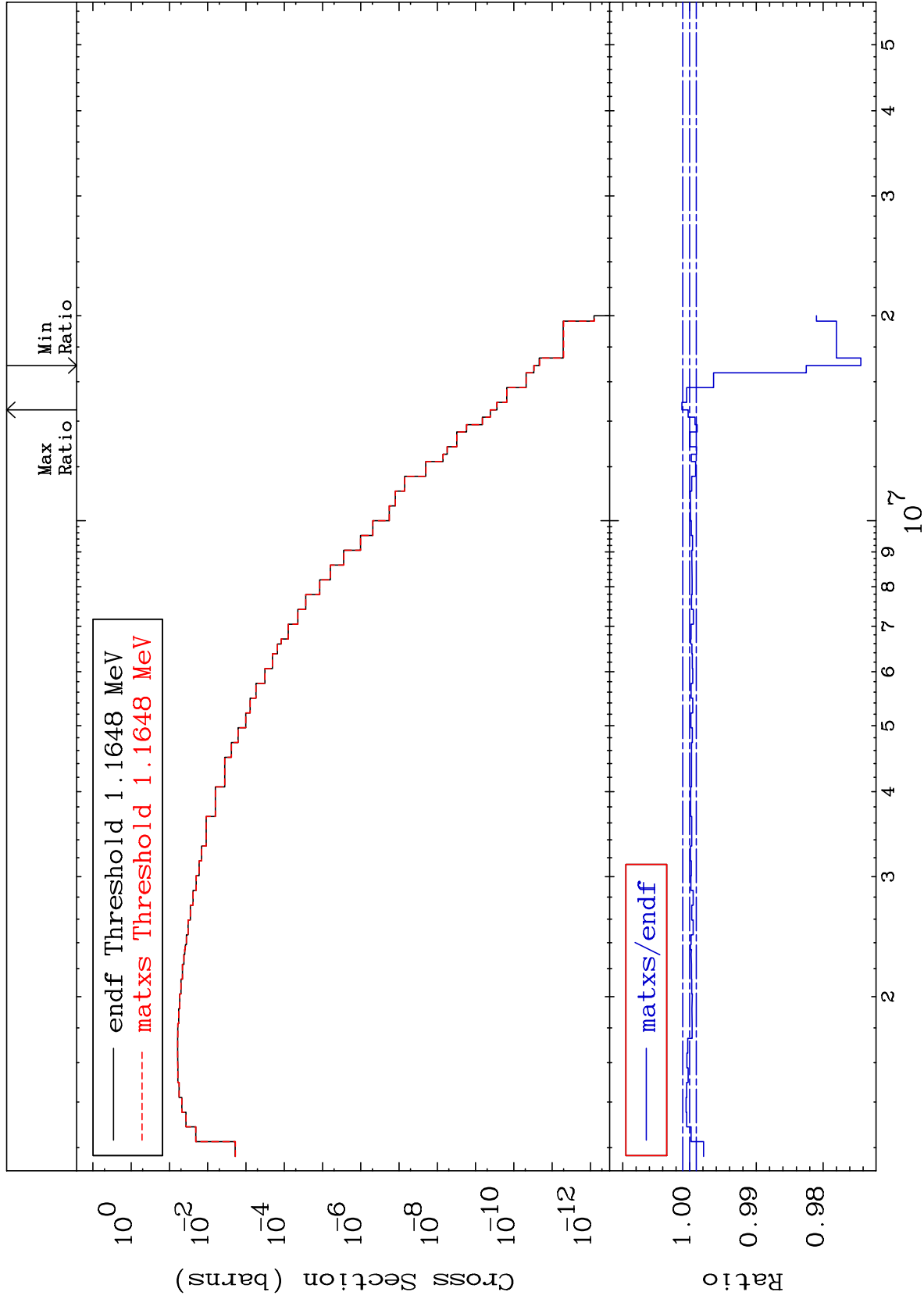
48-Cd-111  
-1.888 To 0.337 %



MAT 4840

1.190 MeV (n,n') Level  
Cross Section

48-Cd-111  
-2.565 To 0.113 %



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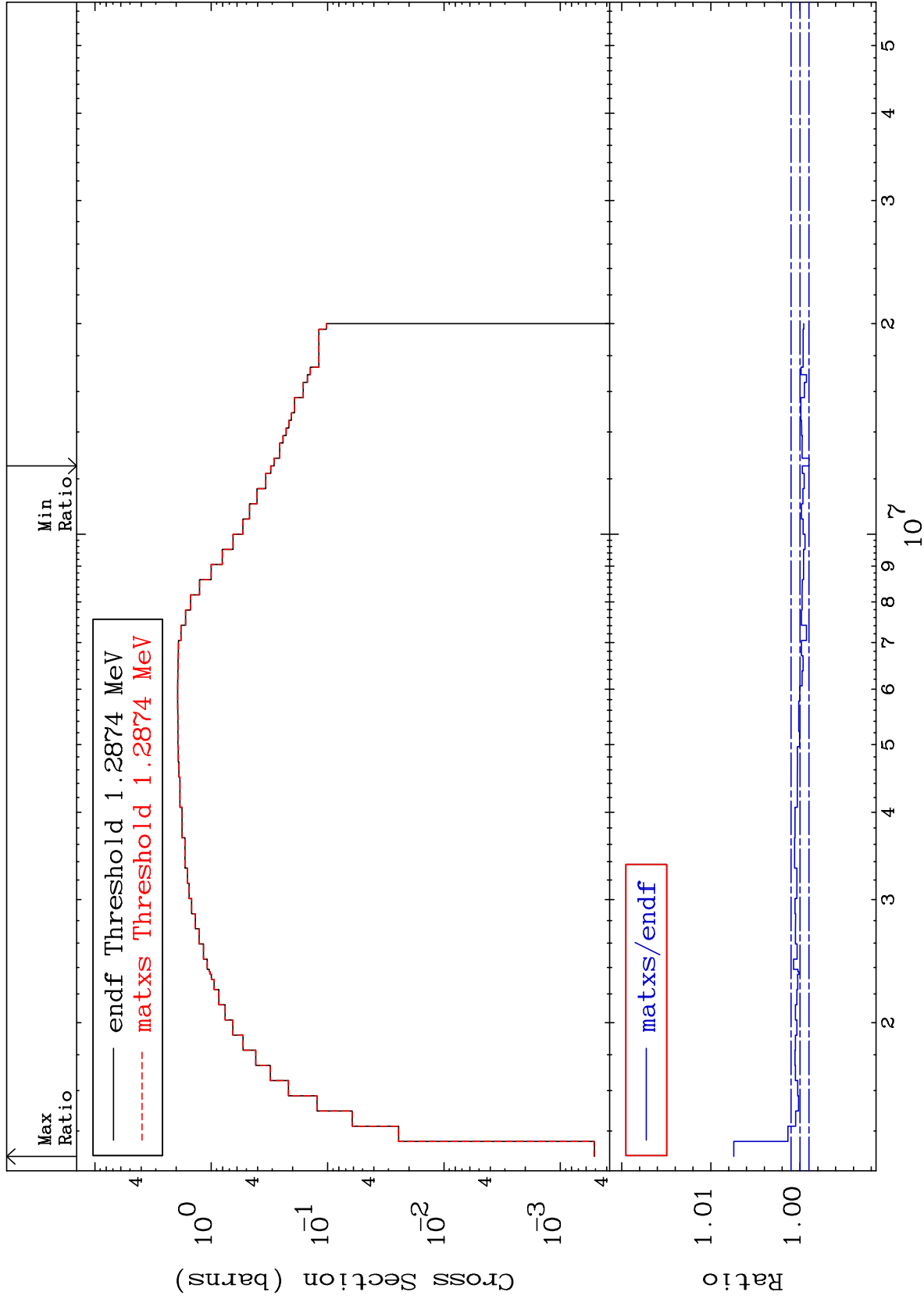
Incident Energy (eV)

48-Cd-111

MAT 4840

(n, n') Continuum  
Cross Section

48-Cd-111  
-0.100 To 0.742 %



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Incident Energy (eV)

48-Cd-111

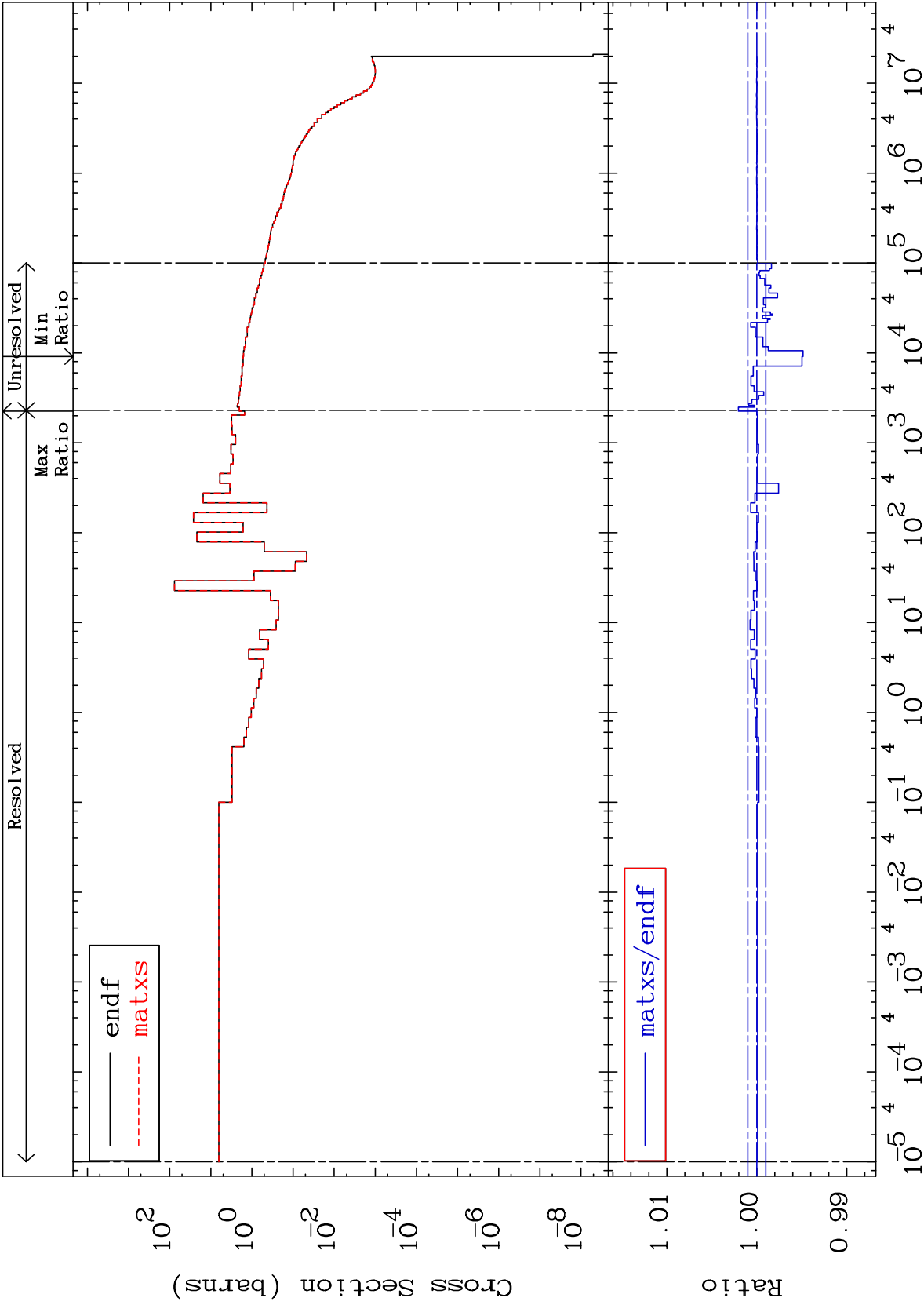
MAT 4840

(n,  $\gamma$ )

48-Cd-111

Cross Section

-0.514 To 0.203 %



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Incident Energy (eV)

48-Cd-111

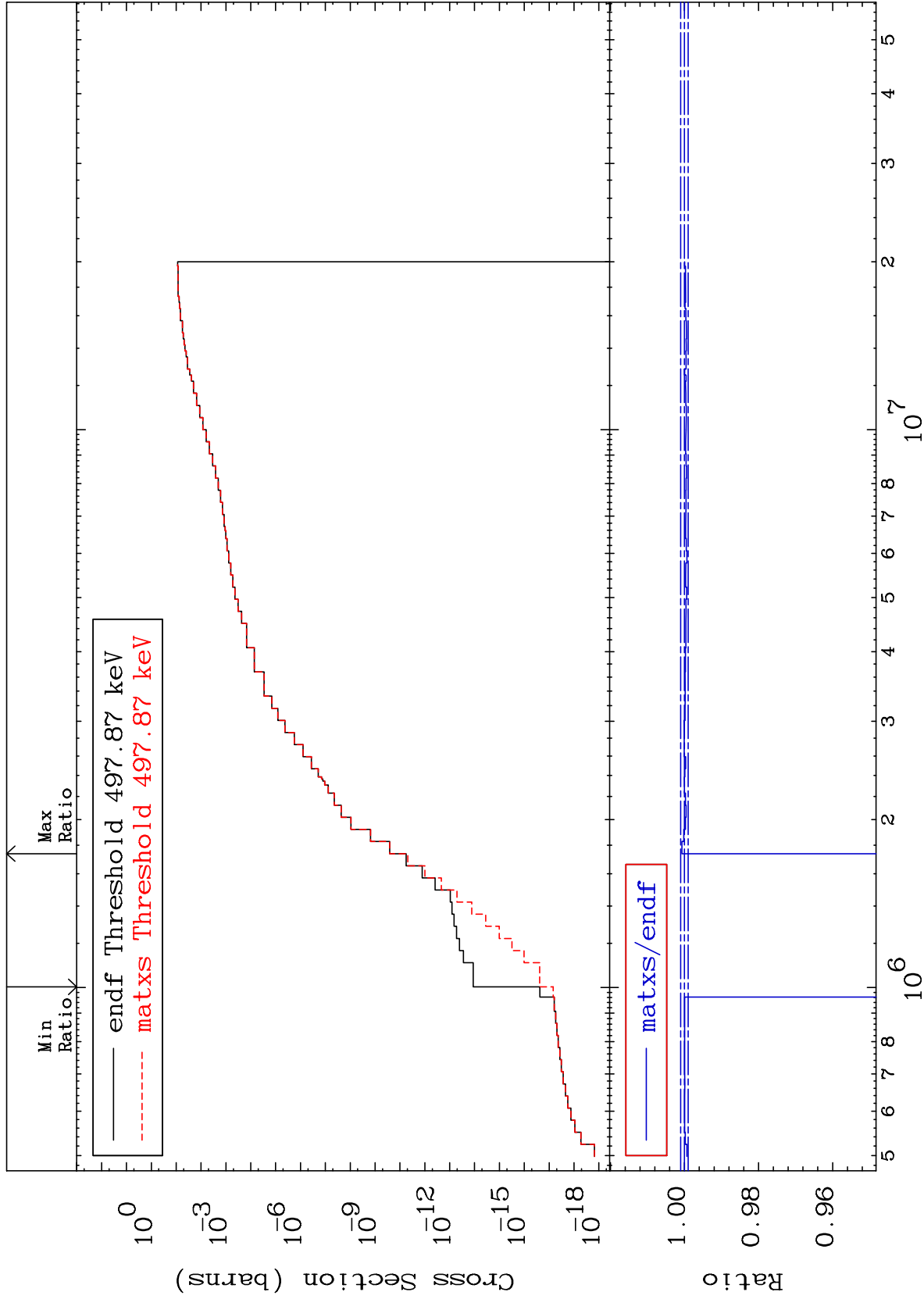
MAT 4840

(n,p)

48-Cd-111

Cross Section

-99.79 To 0.068 %



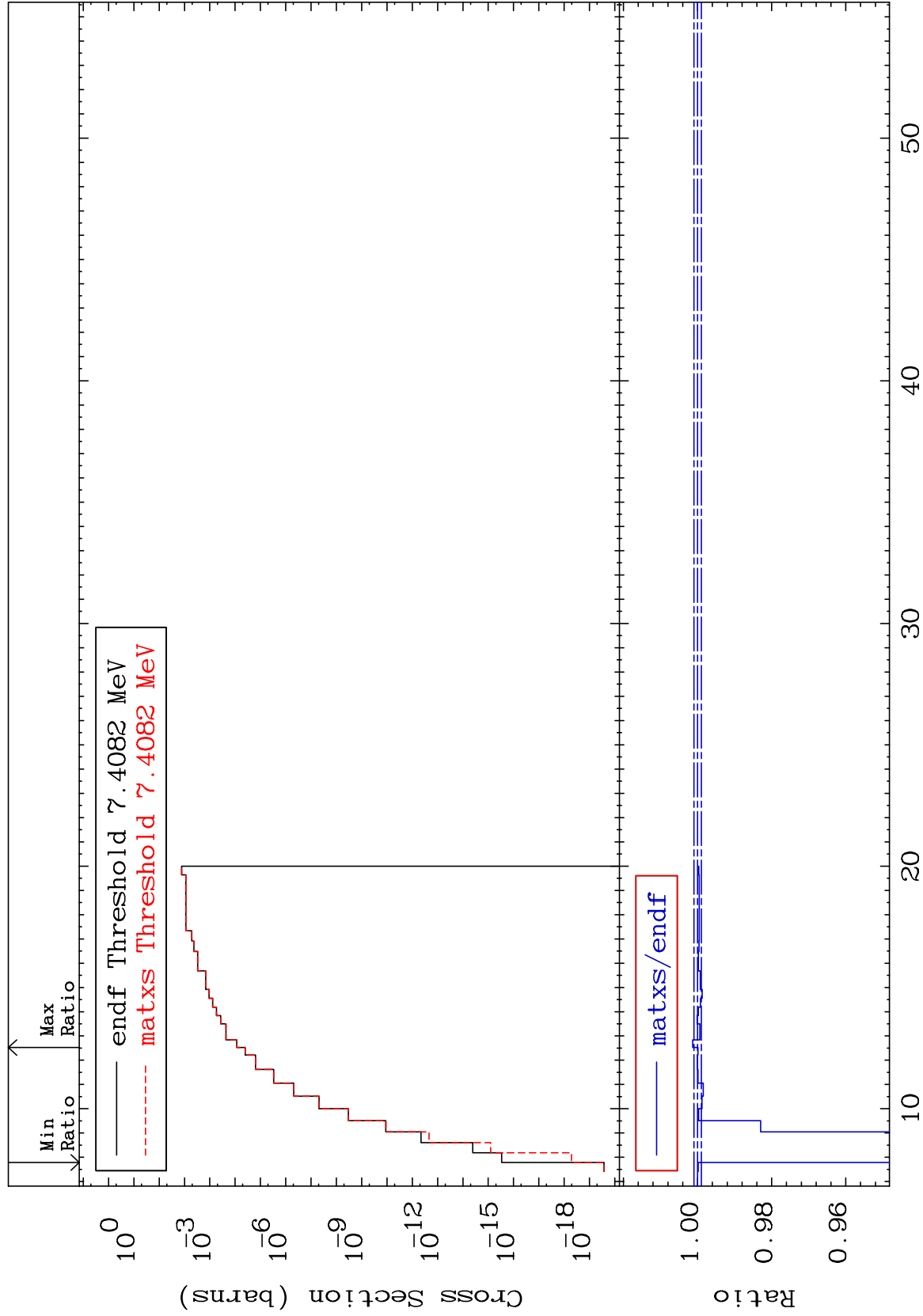
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48-Cd-111

MAT 4840

(n, d)  
Cross Section

48-Cd-111  
-99.83 To 0.130 %



MAT 4840

(n, t)  
Cross Section

48-Cd-111  
-99.43 To 0.386 %

