

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

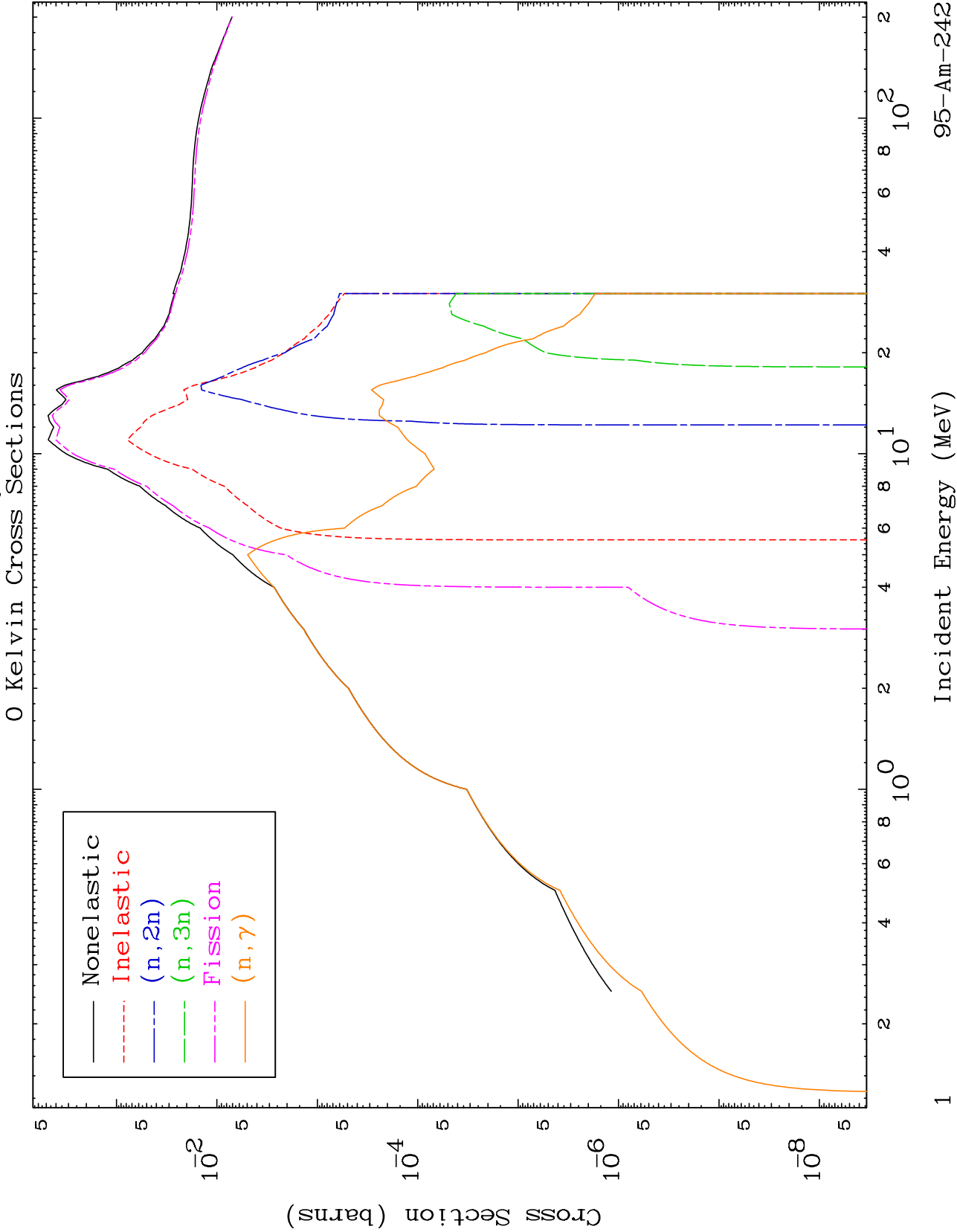
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

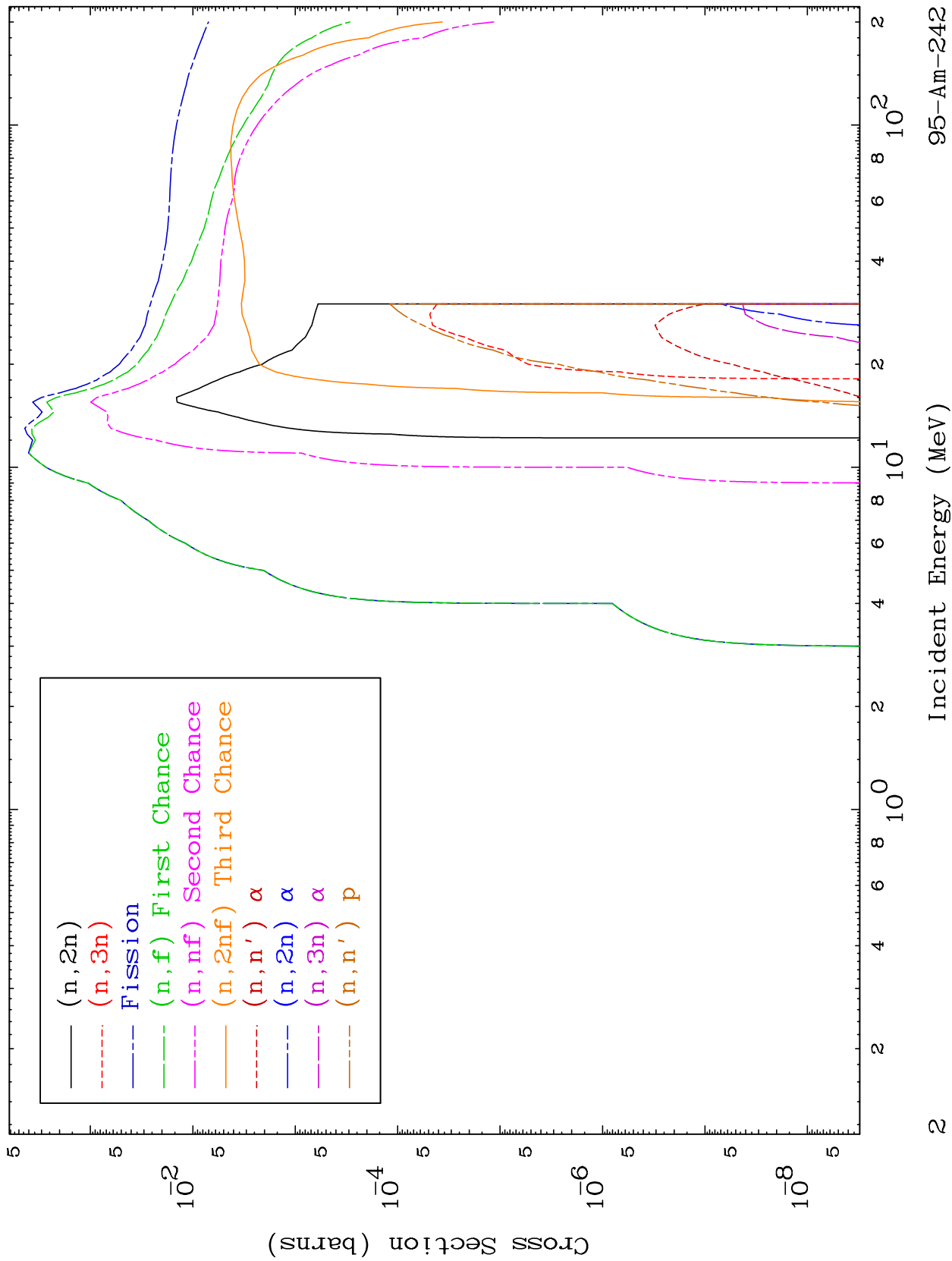
Tele: 925-443-1911

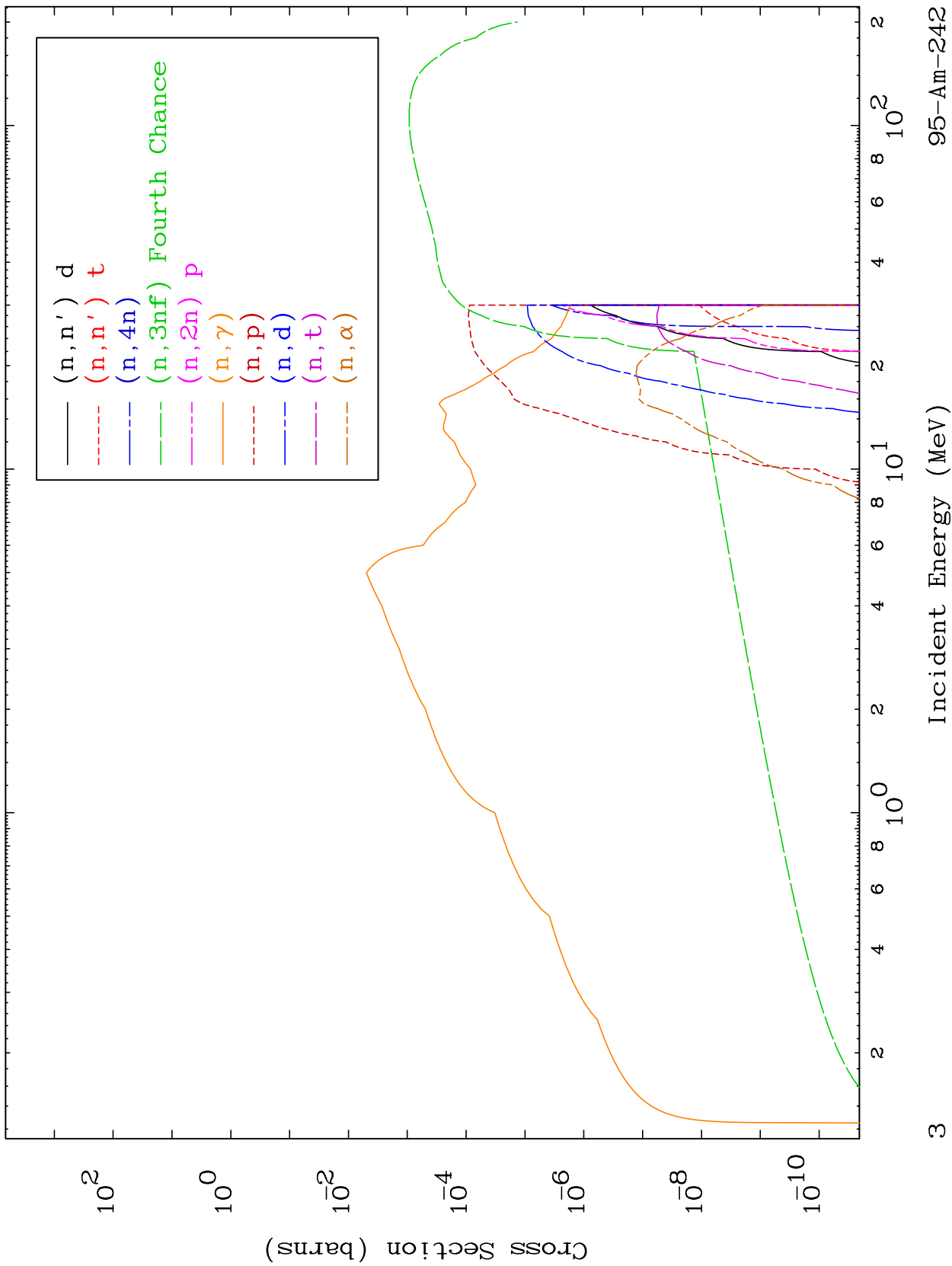
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start



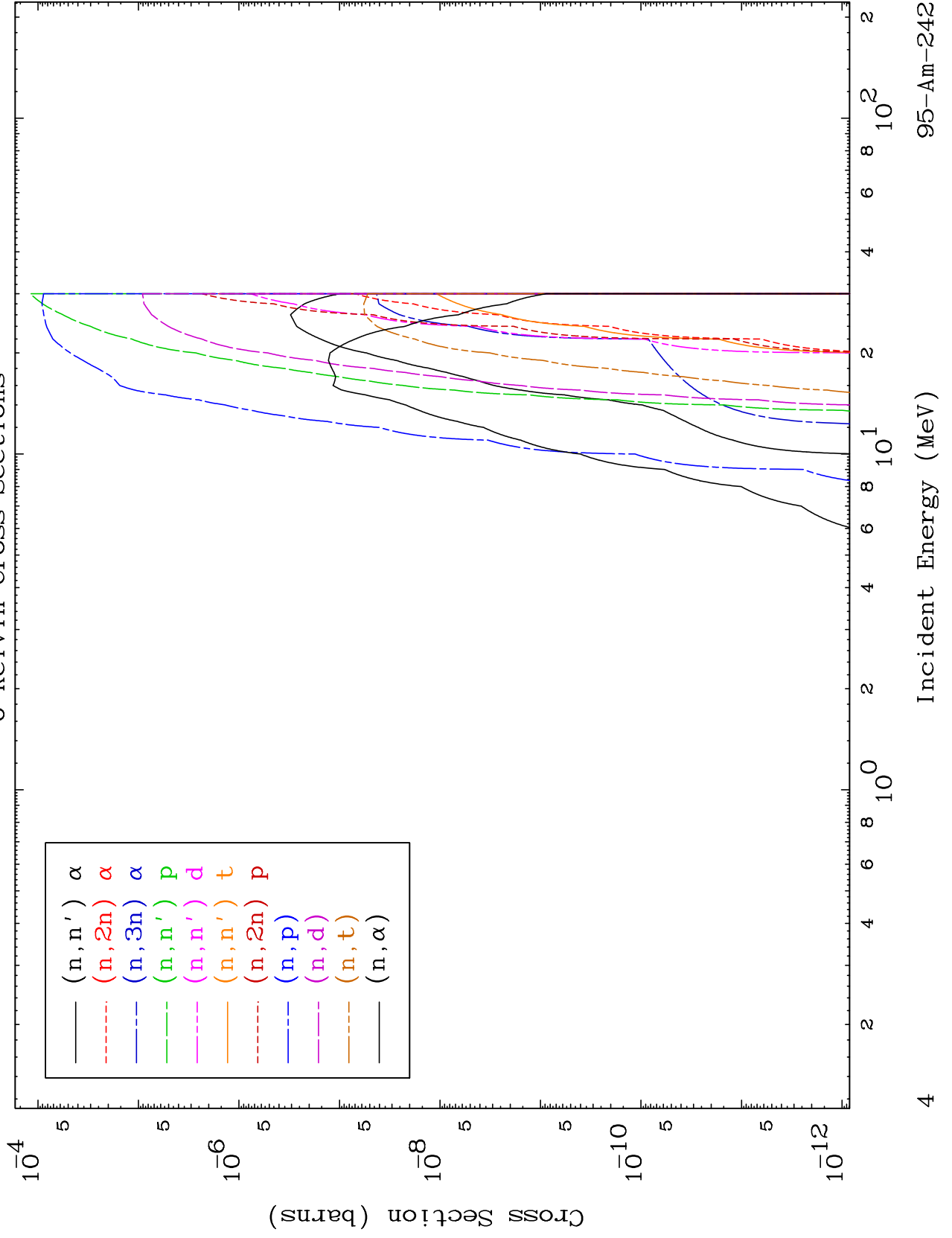




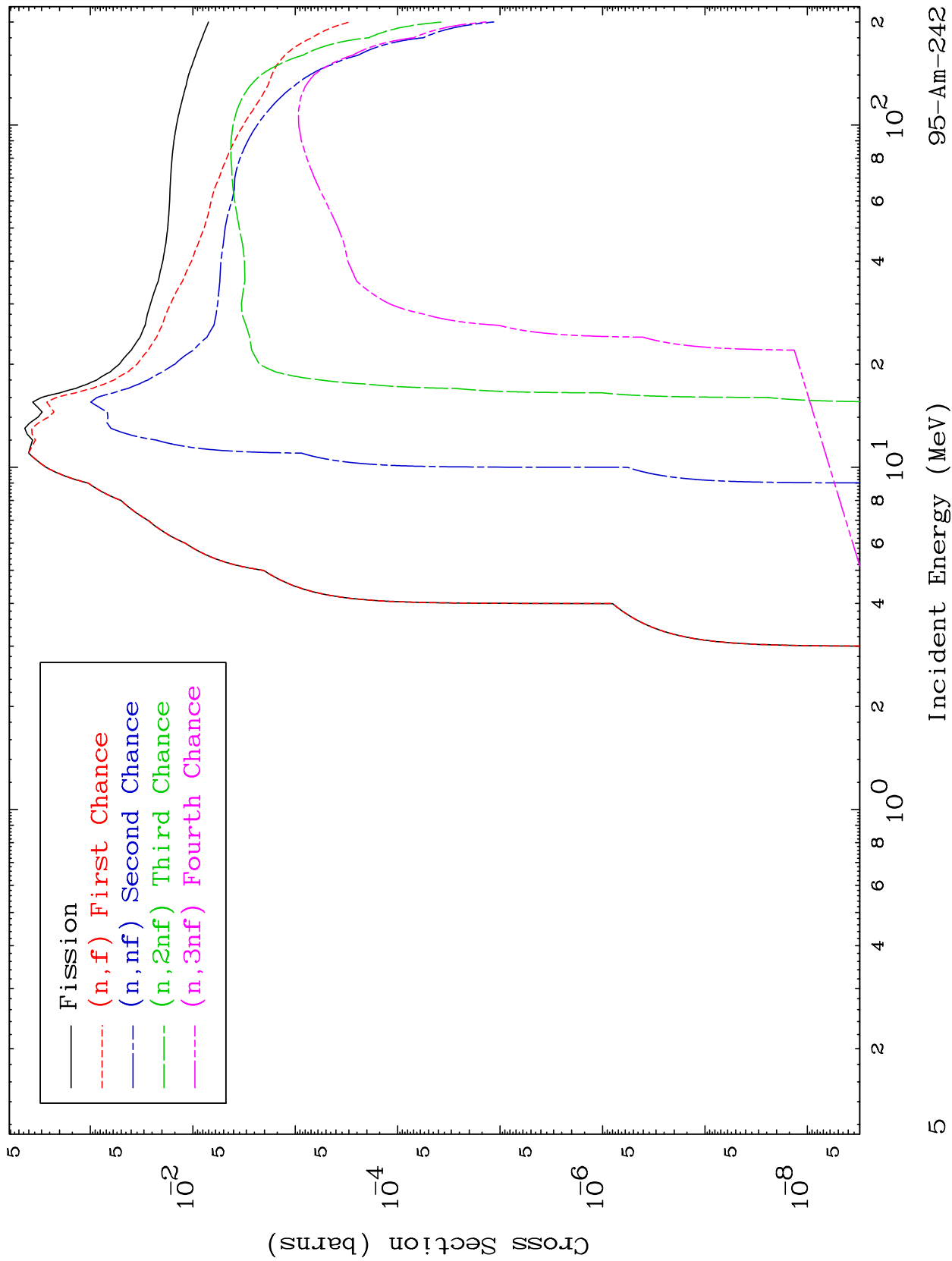
MAT 9546

Photon Charged Particle  
0 Kelvin Cross Sections

95-Am-242



Photon Fission  
0 Kelvin Cross Sections

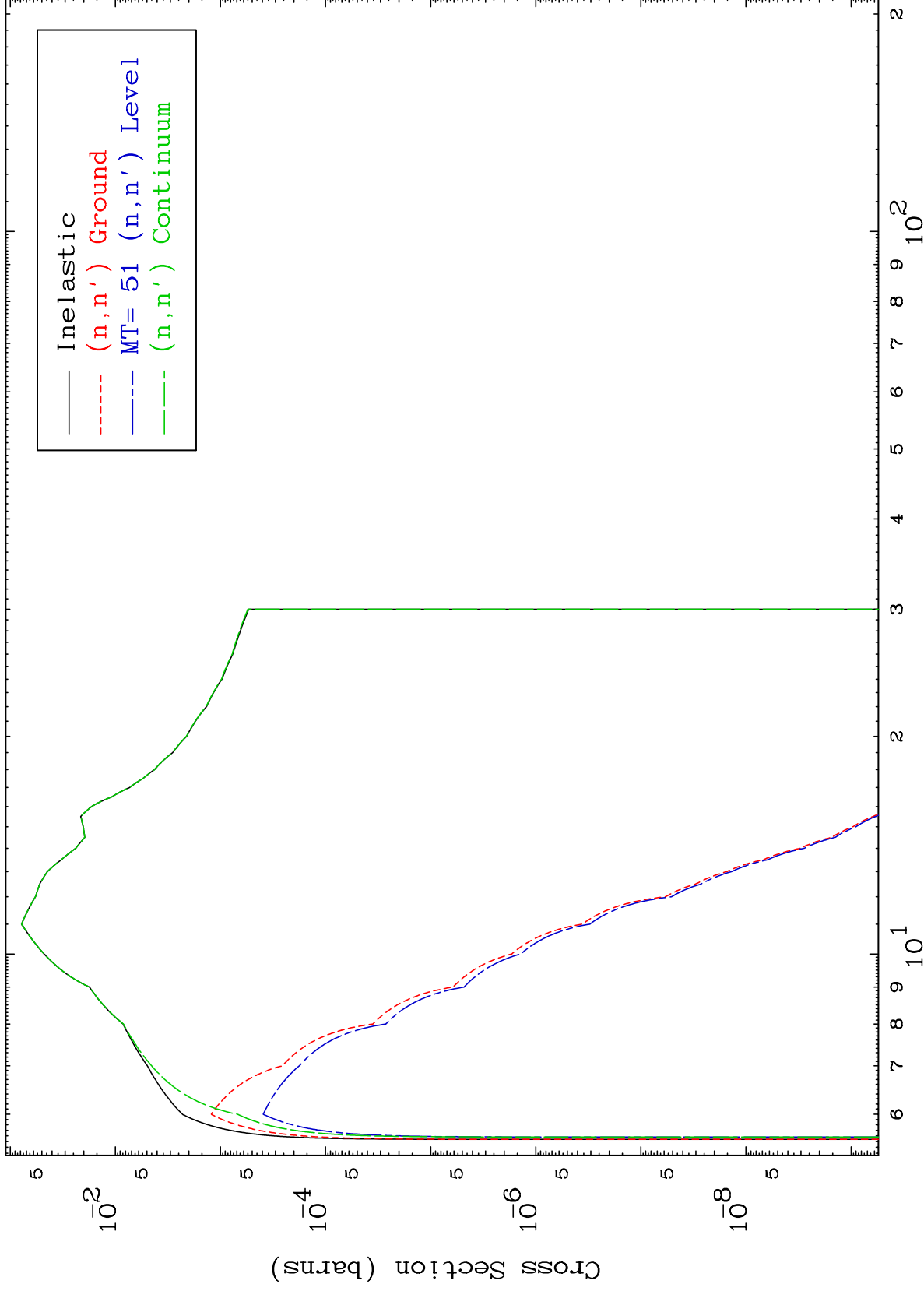


MAT 9546

( $\gamma, n'$ ) Levels

95-Am-242

0 Kelvin Cross Sections



Incident Energy (MeV)

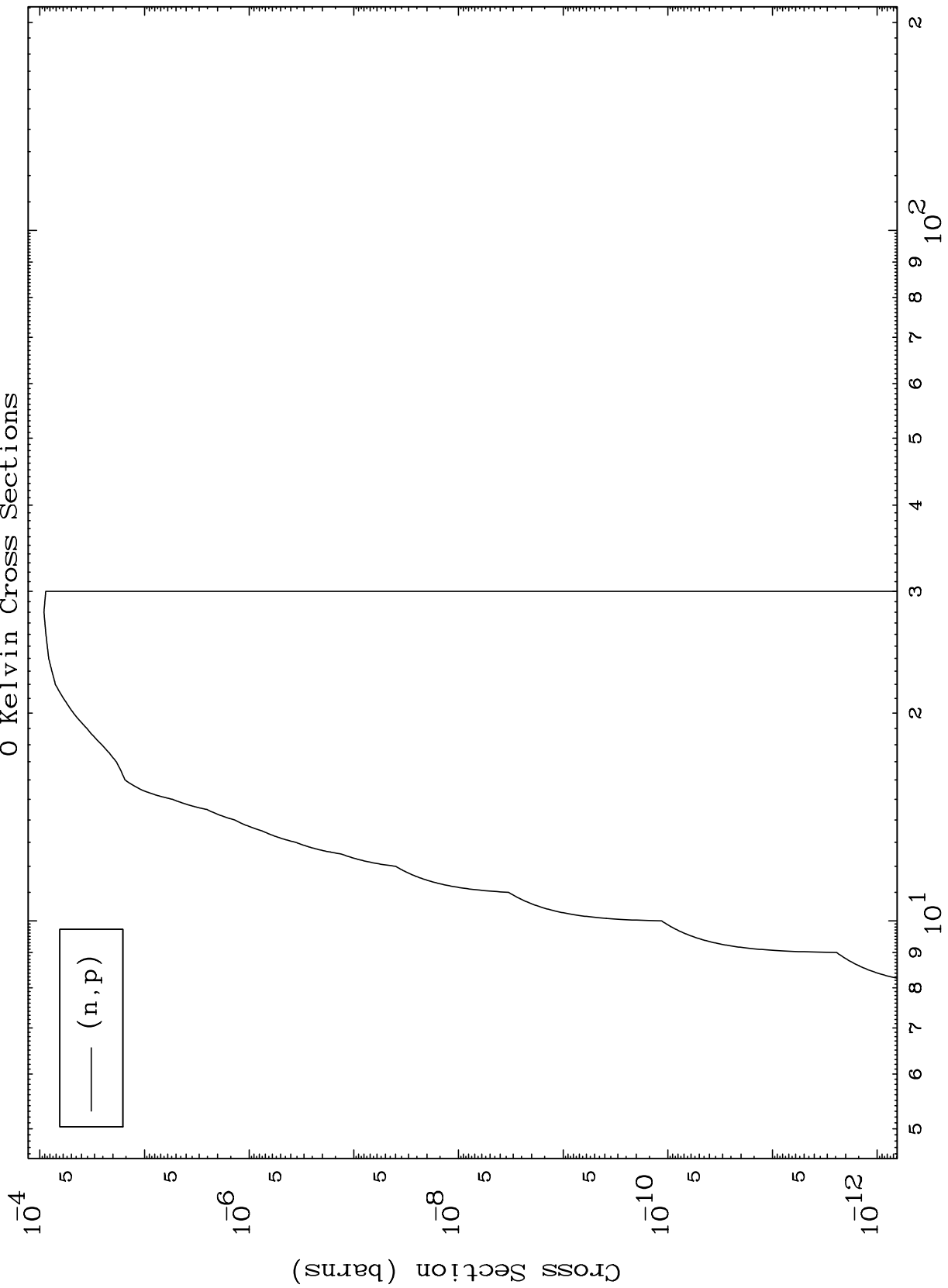
95-Am-242

6

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95-Am-242

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



95-Am-242

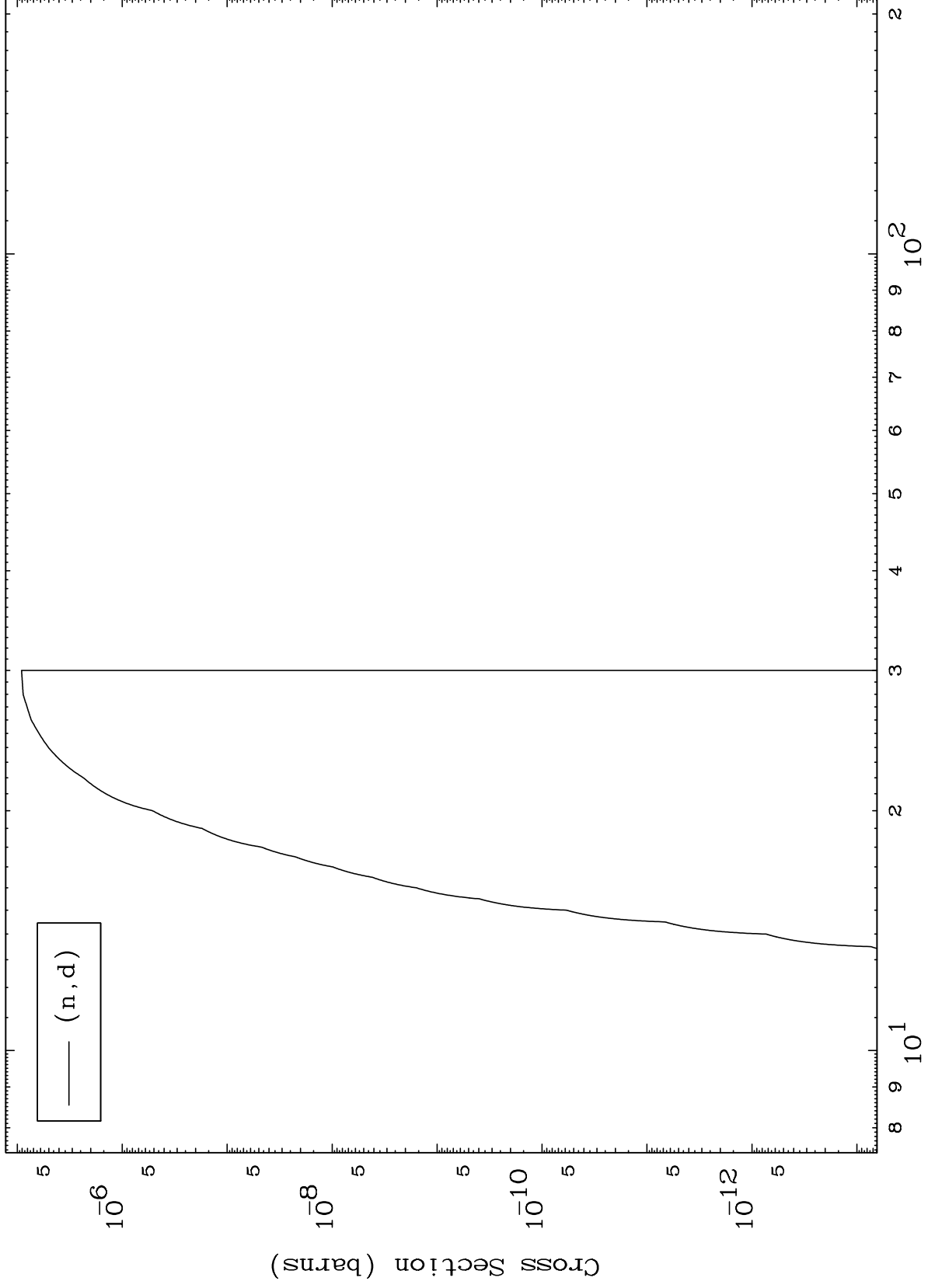
Incident Energy (MeV)

7

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( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

95-Am-242



8

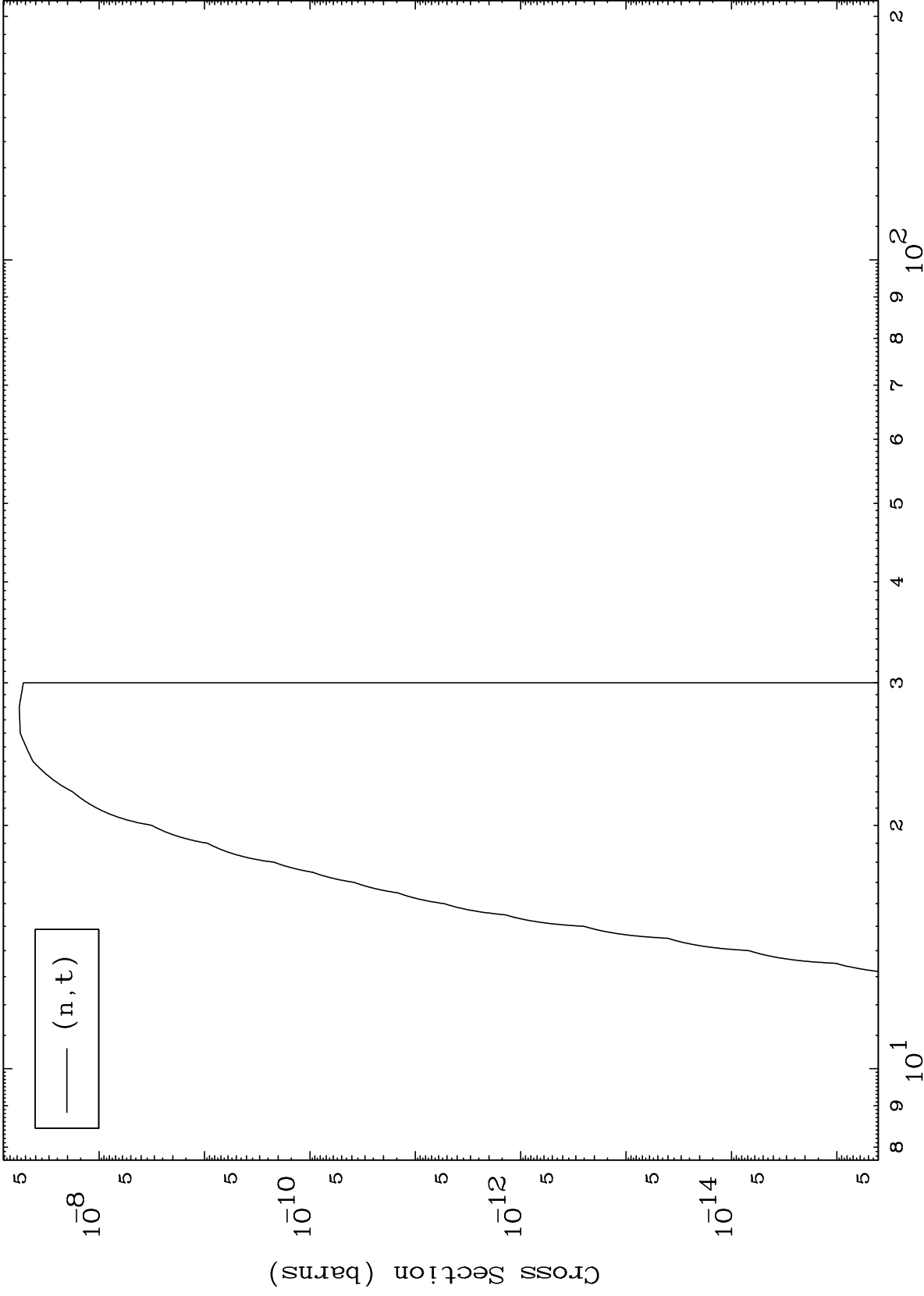
Incident Energy (MeV)

95-Am-242

MAT 9546

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

95-Am-242



(n, t)

9

Incident Energy (MeV)

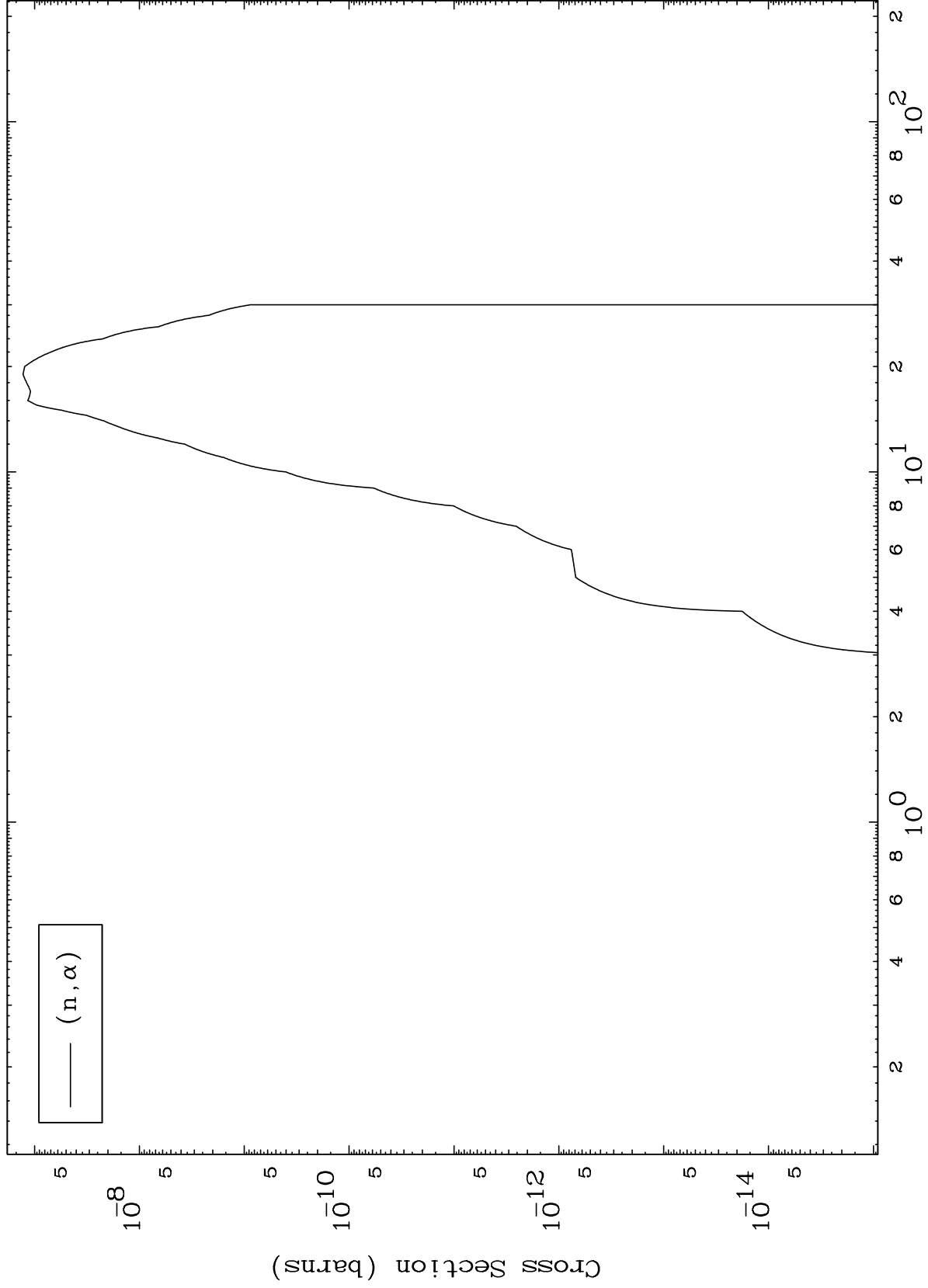
95-Am-242

MAT 9546

( $\gamma, \alpha$ ) Levels

95-Am-242

0 Kelvin Cross Sections

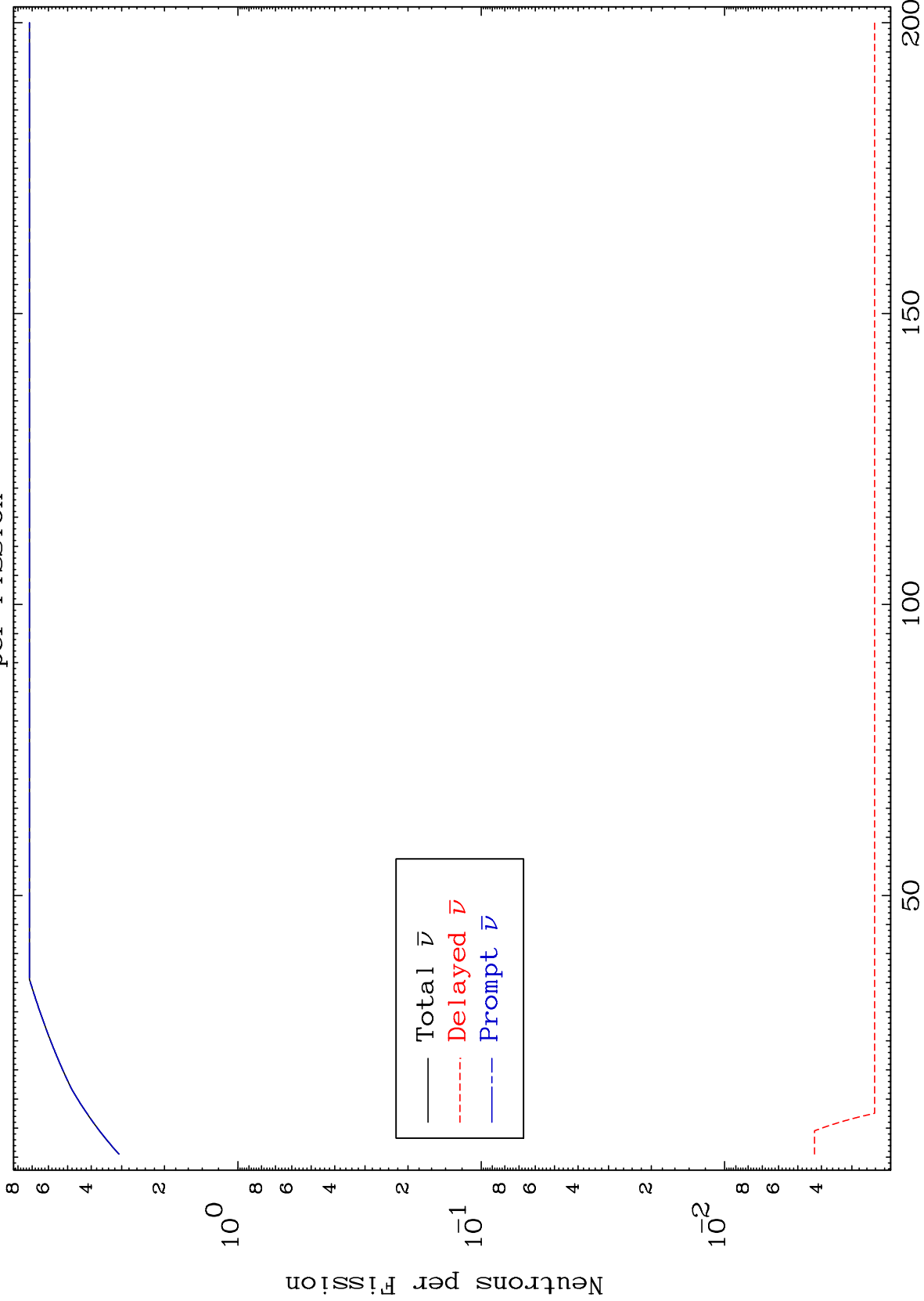


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Incident Energy (MeV)

95-Am-242

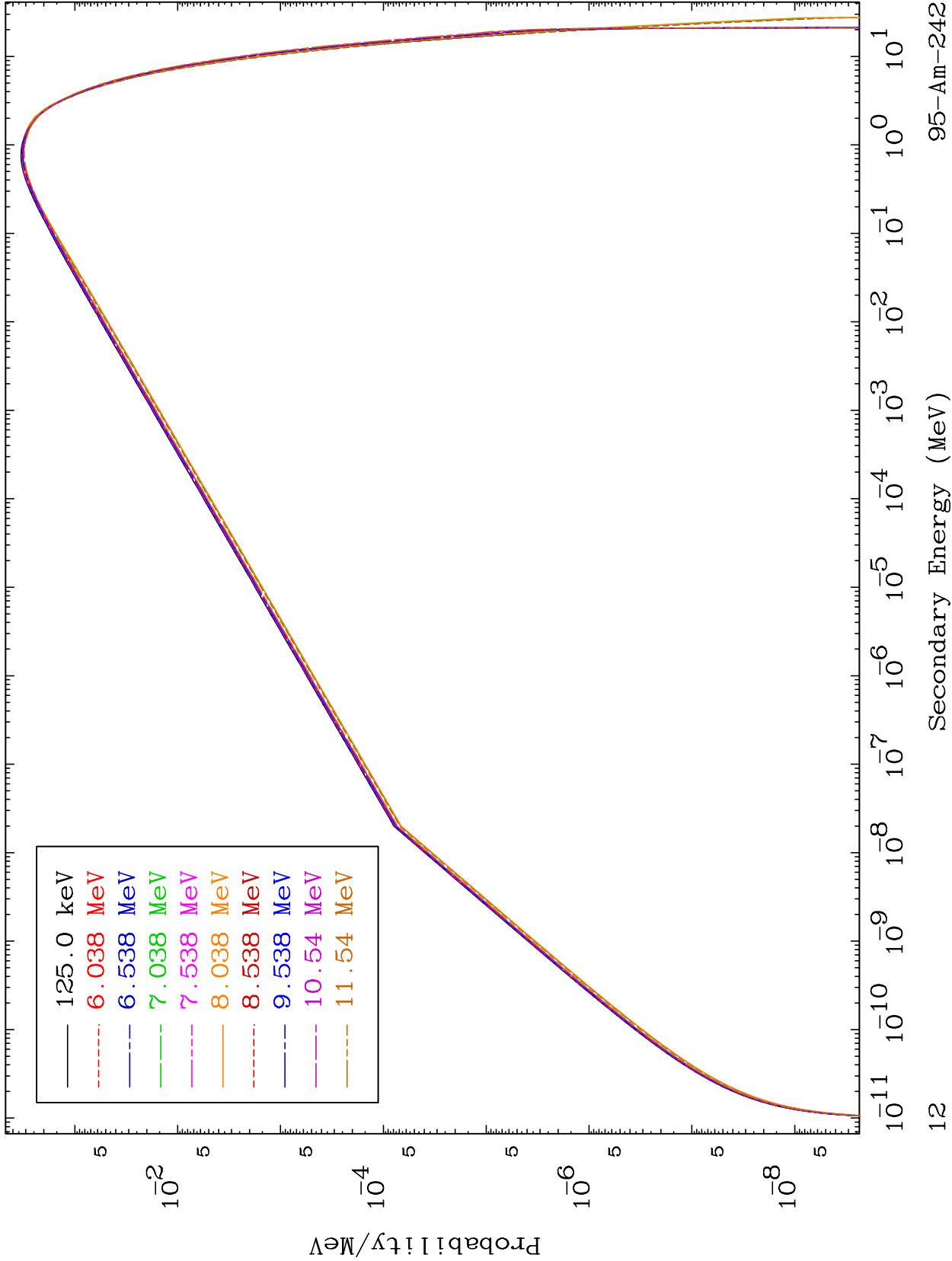
Photon Neutrons  
per Fission



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### Fission Energy Distributions

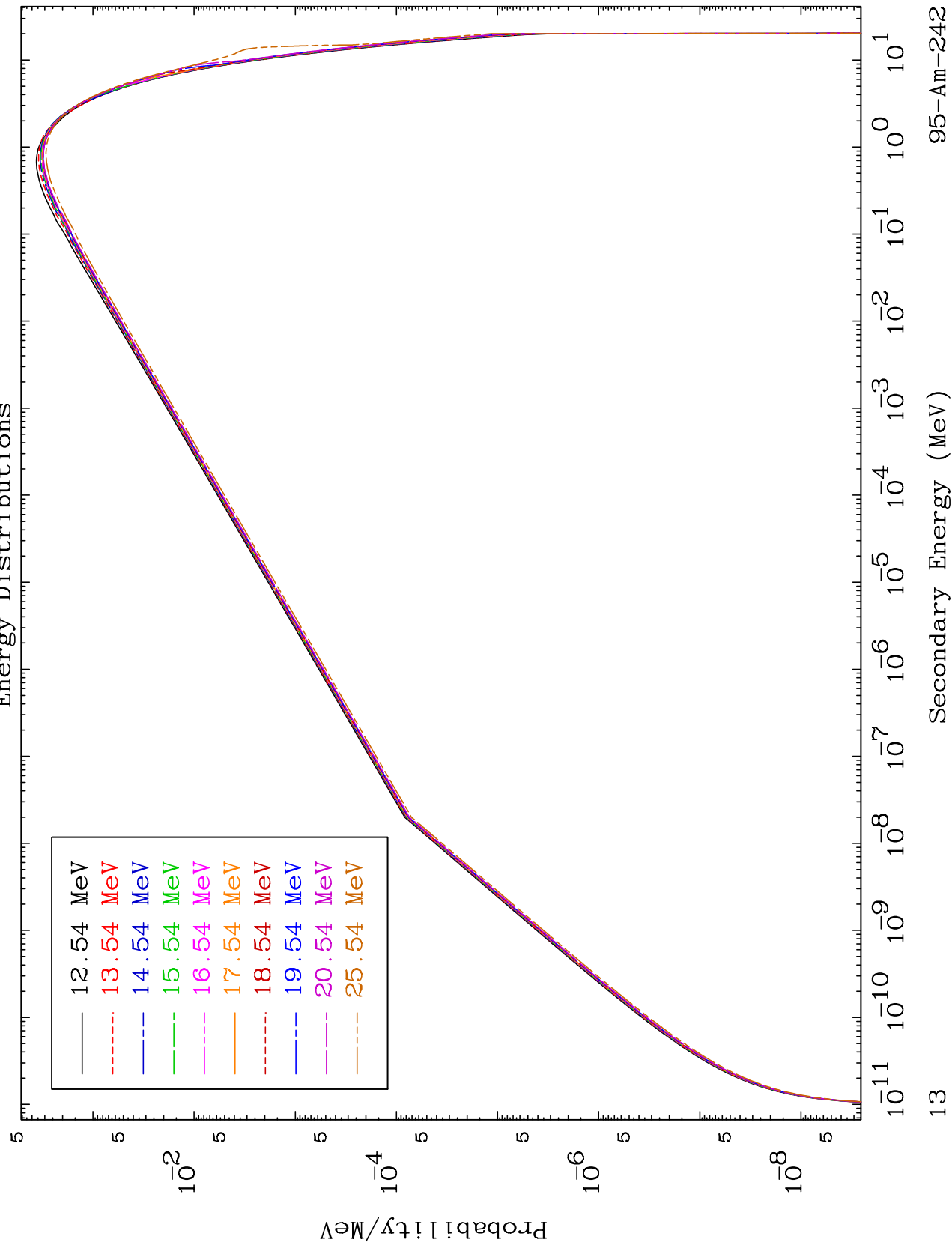
95-Am-242



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### Fission Energy Distributions

95-Am-242



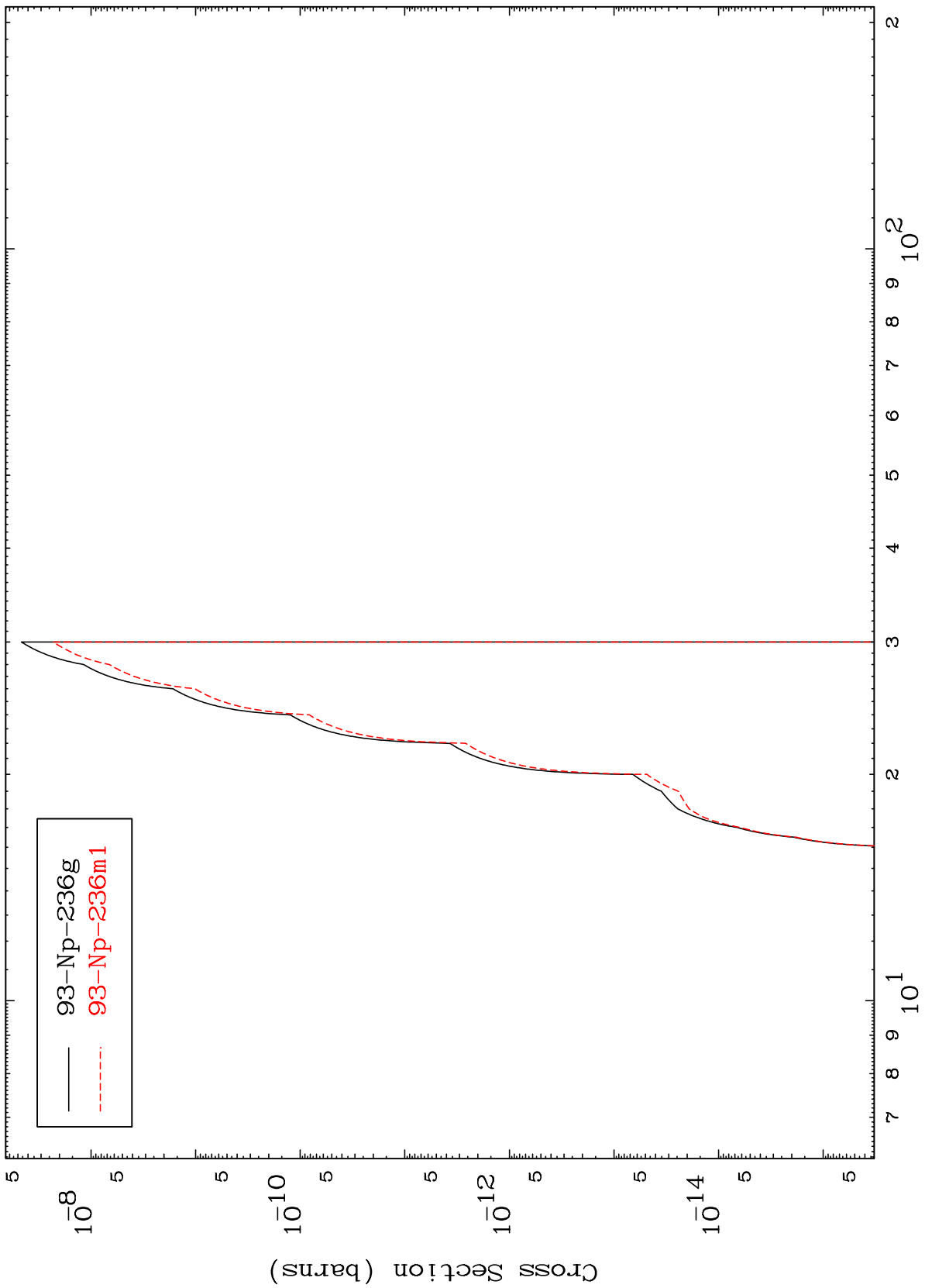
13

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(n,2n)  $\alpha$

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Radionuclide Production Cross Section



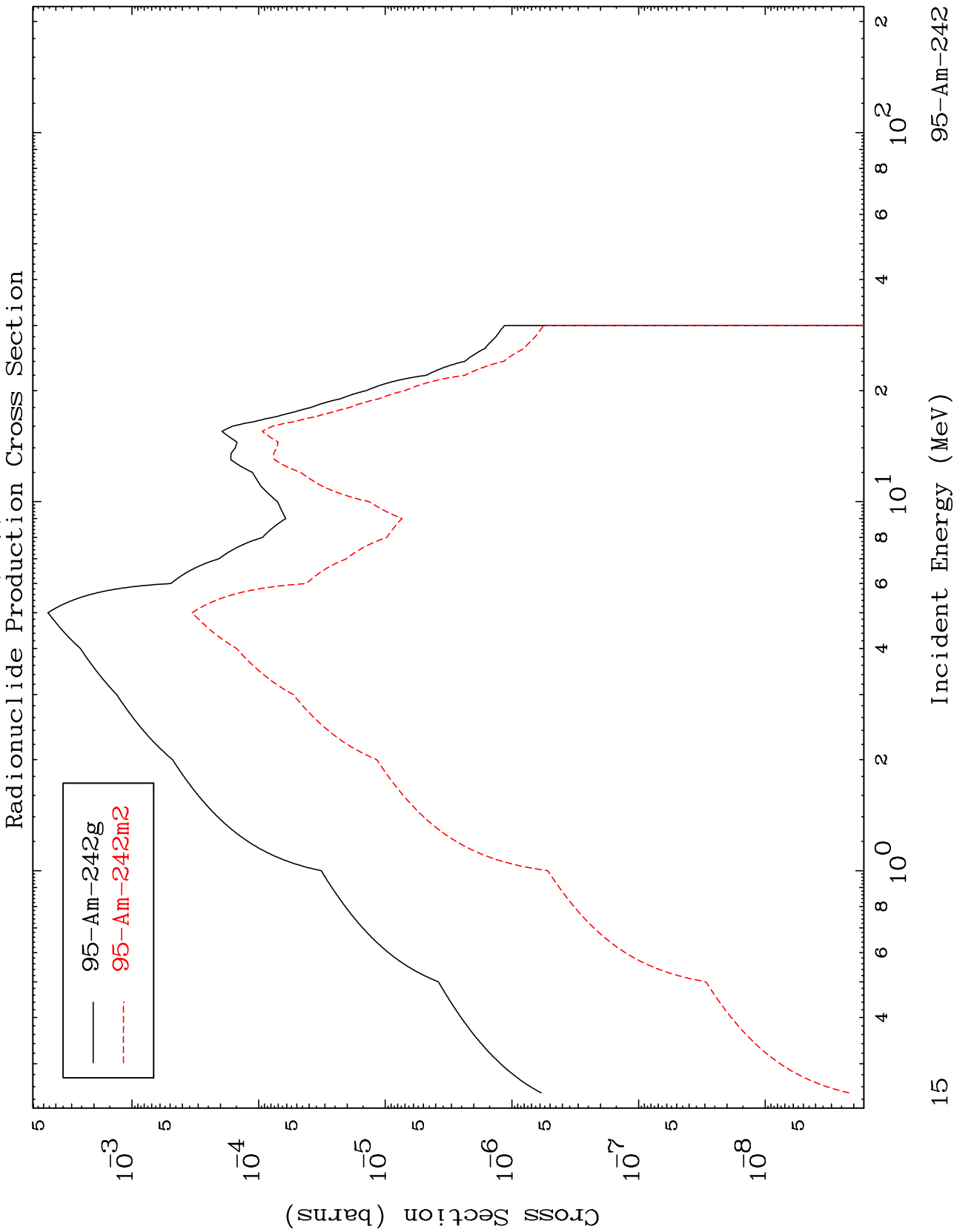
14

Incident Energy (MeV)

95-Am-242

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