

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

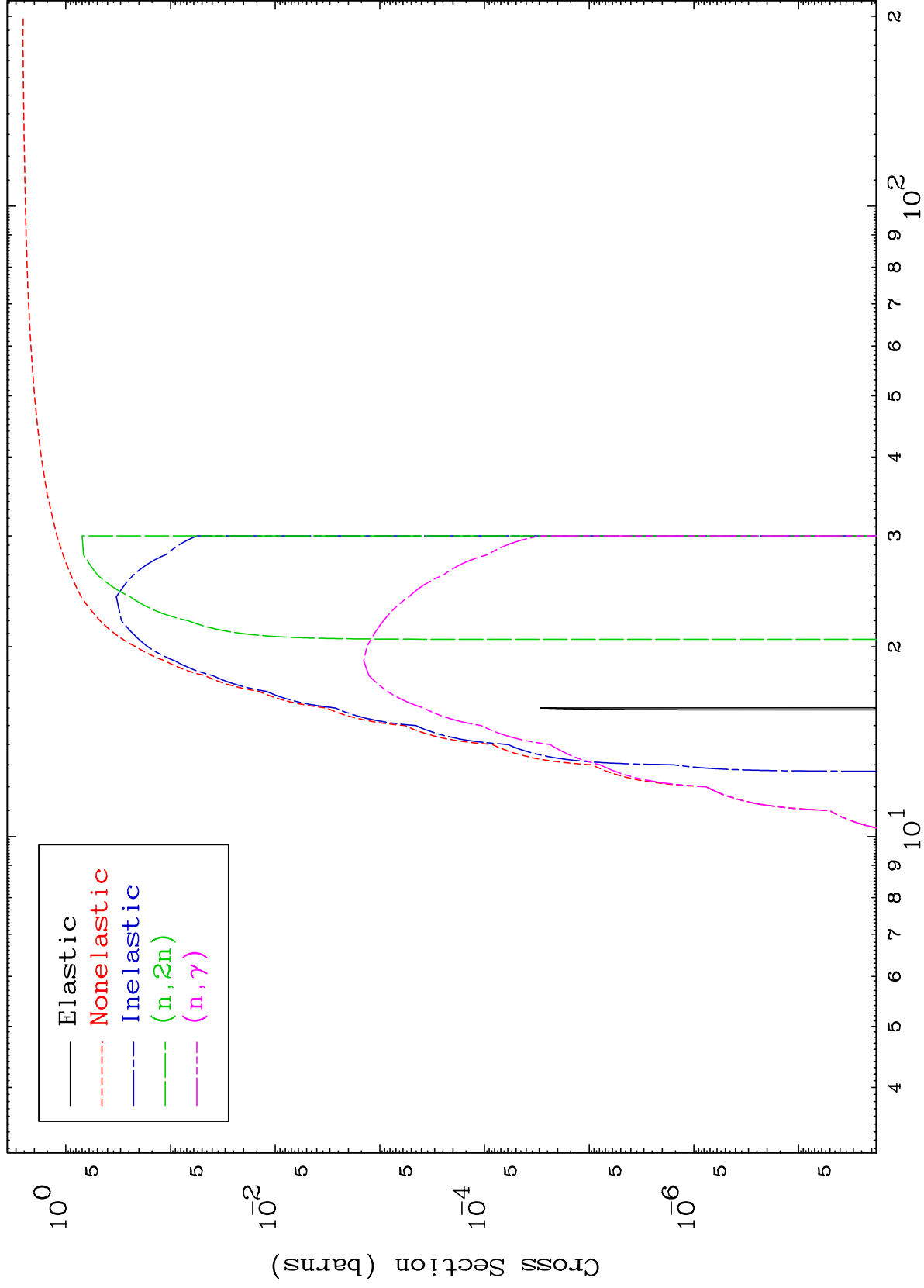
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

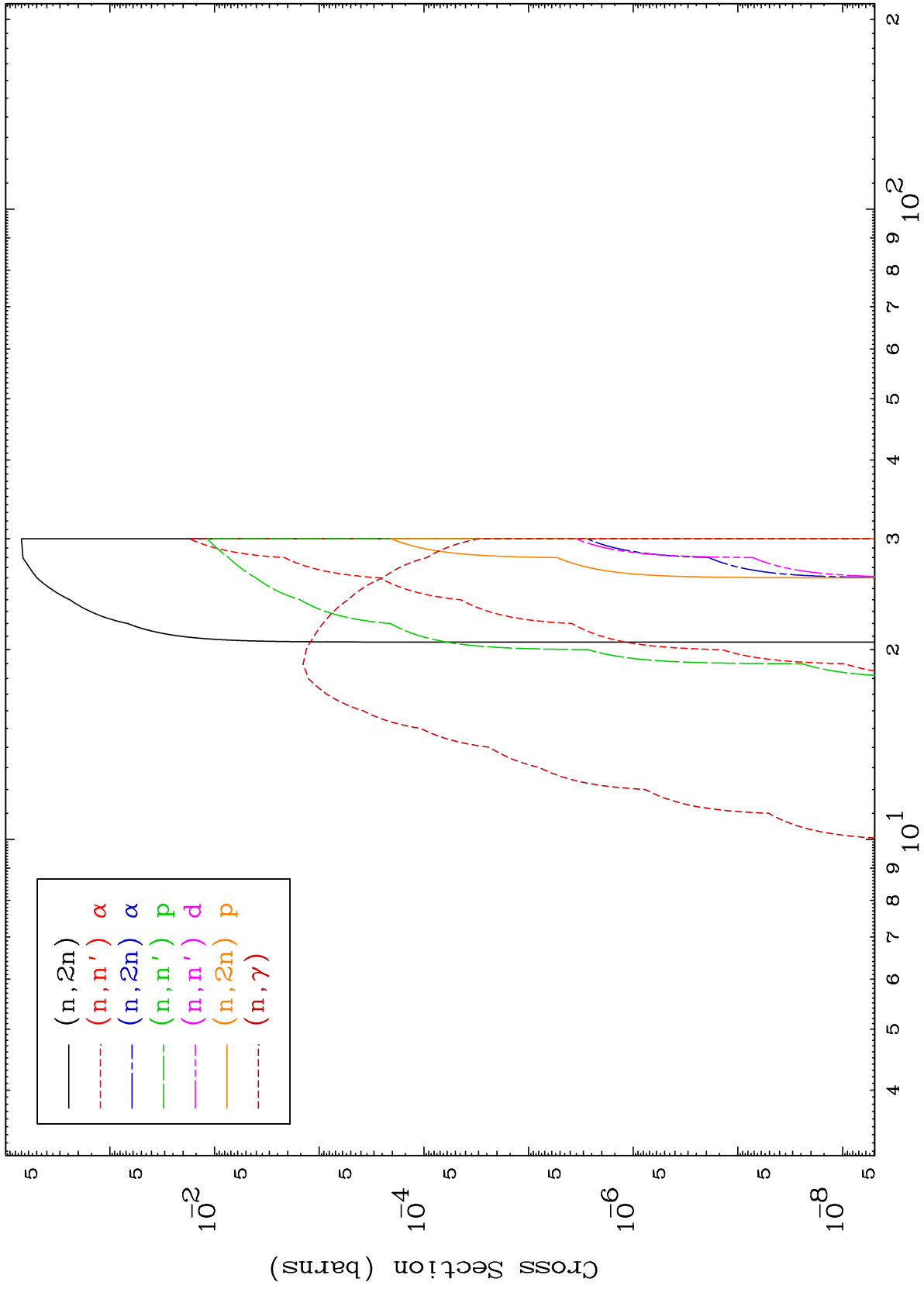
Tele: 925-443-1911

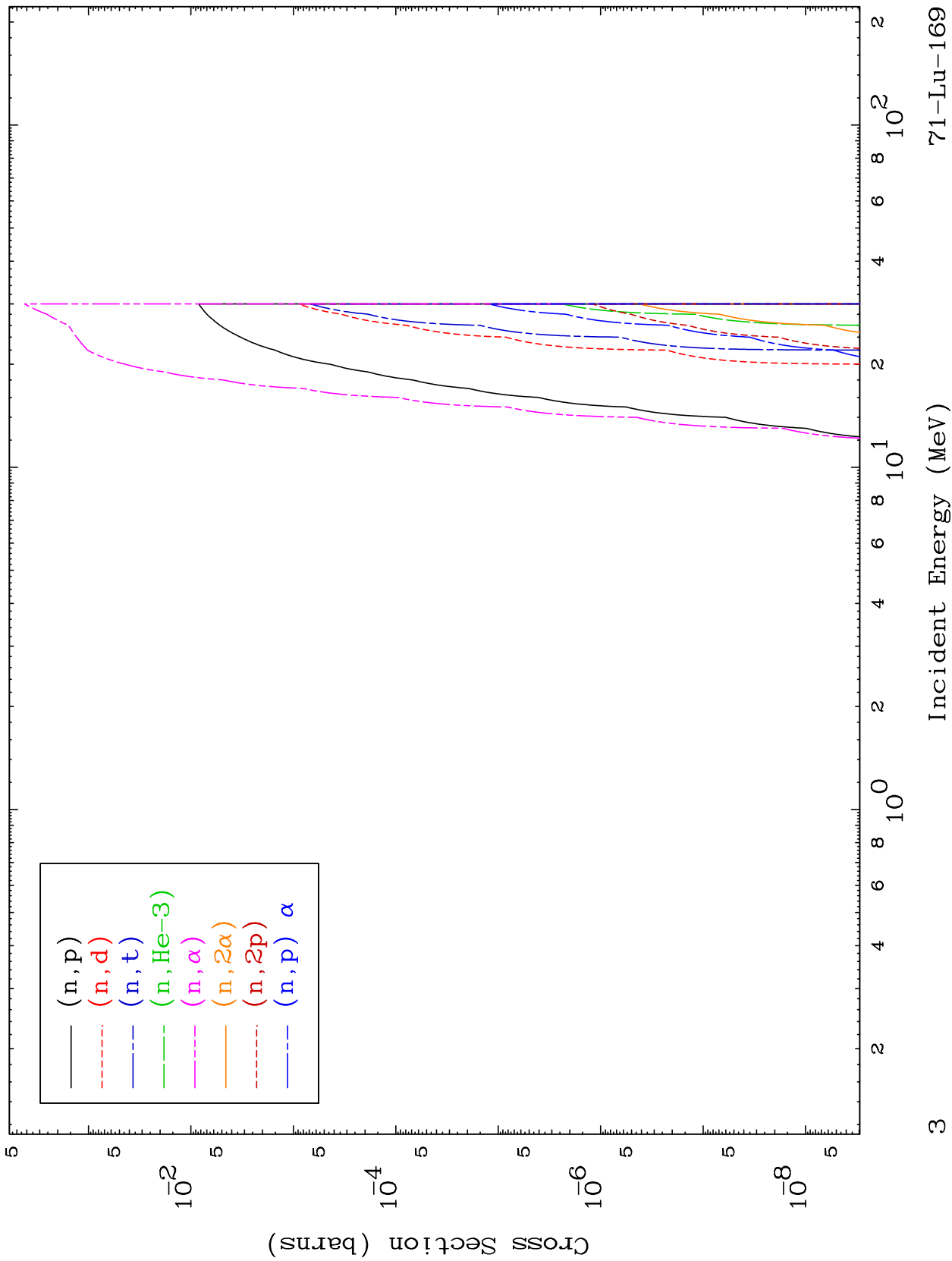
E.Mail:redcullen1@comcast.net

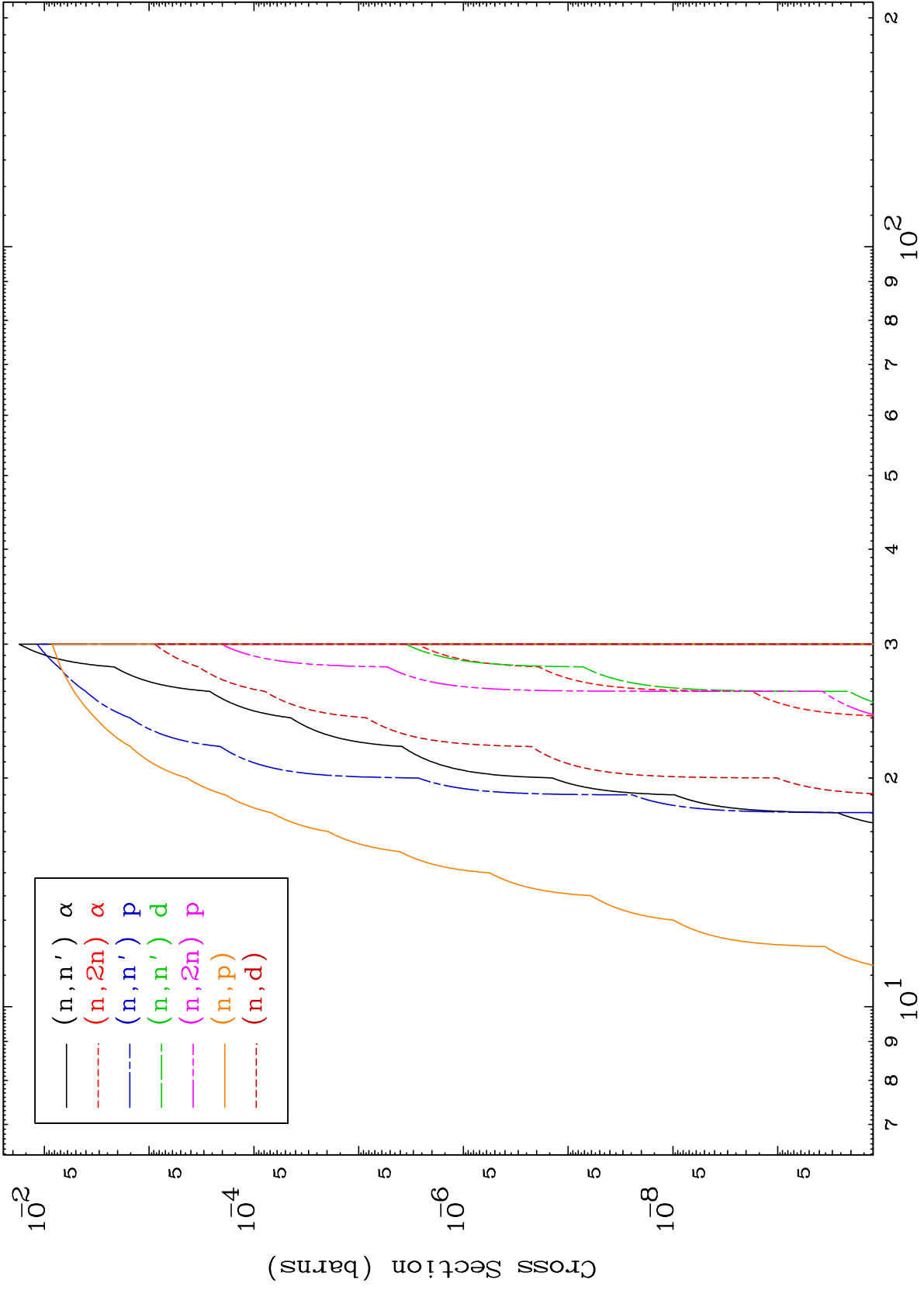
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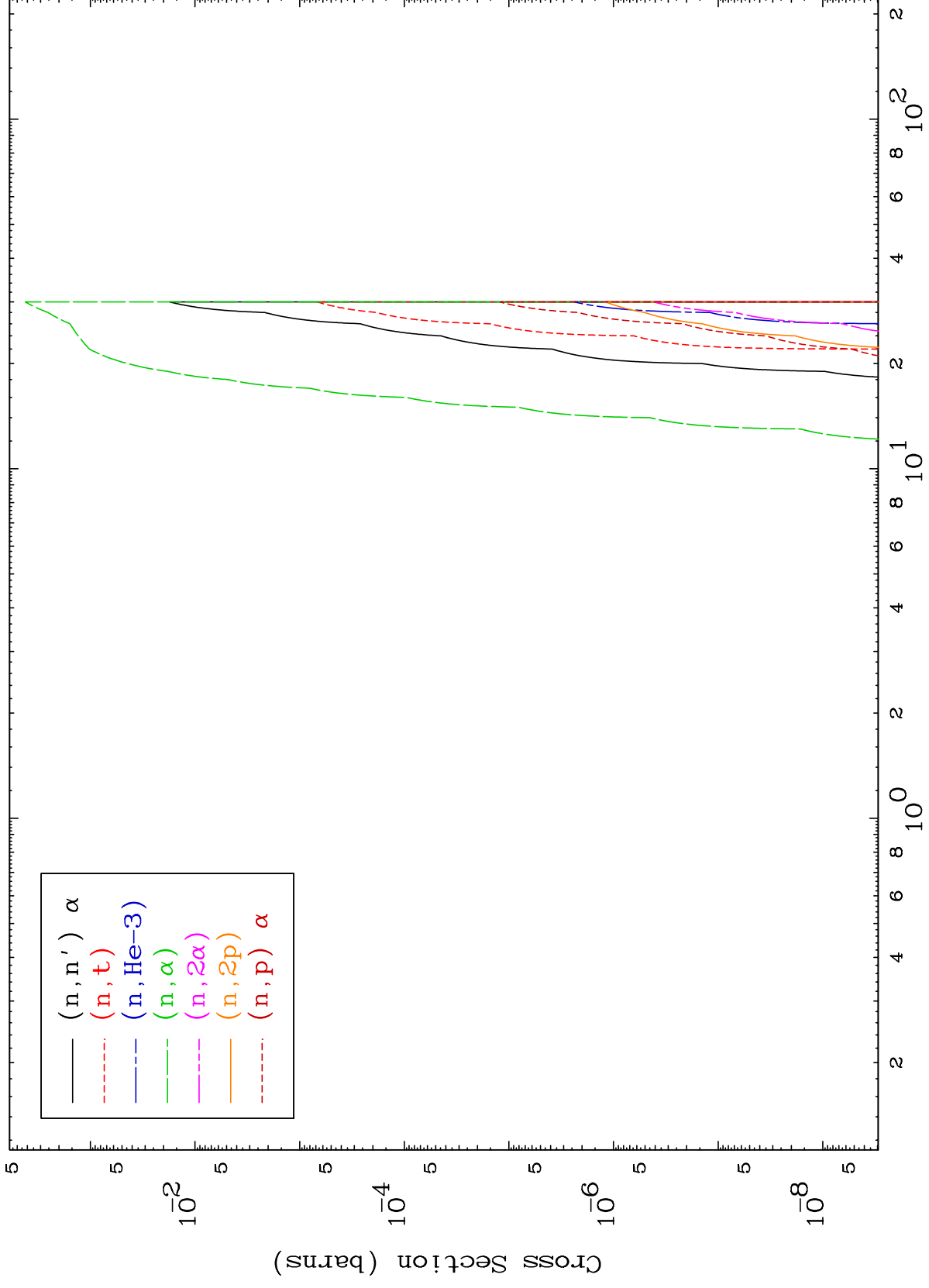
Press Mouse Button to Start







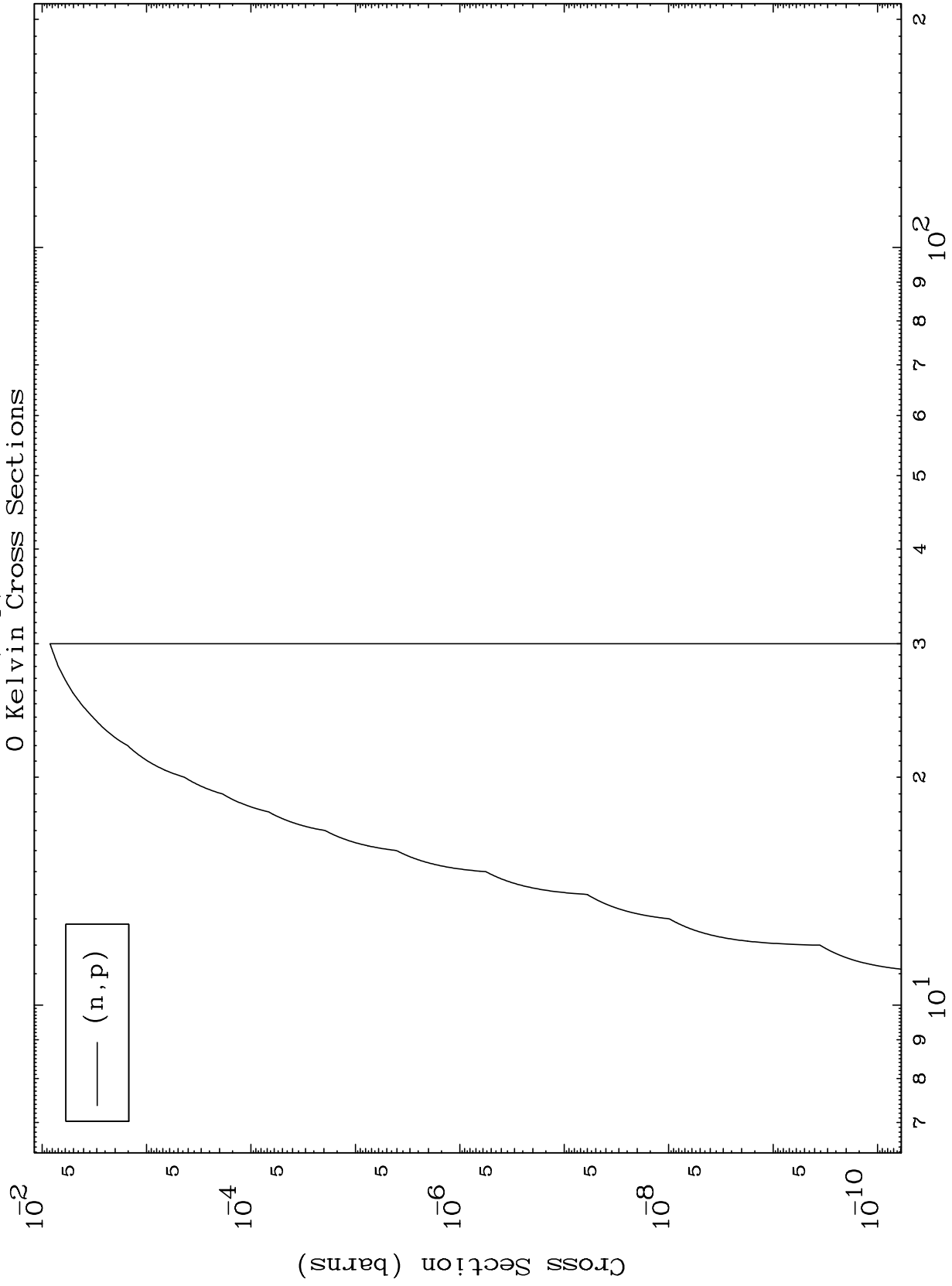




MAT 7107

( $\alpha, p$ ) Levels

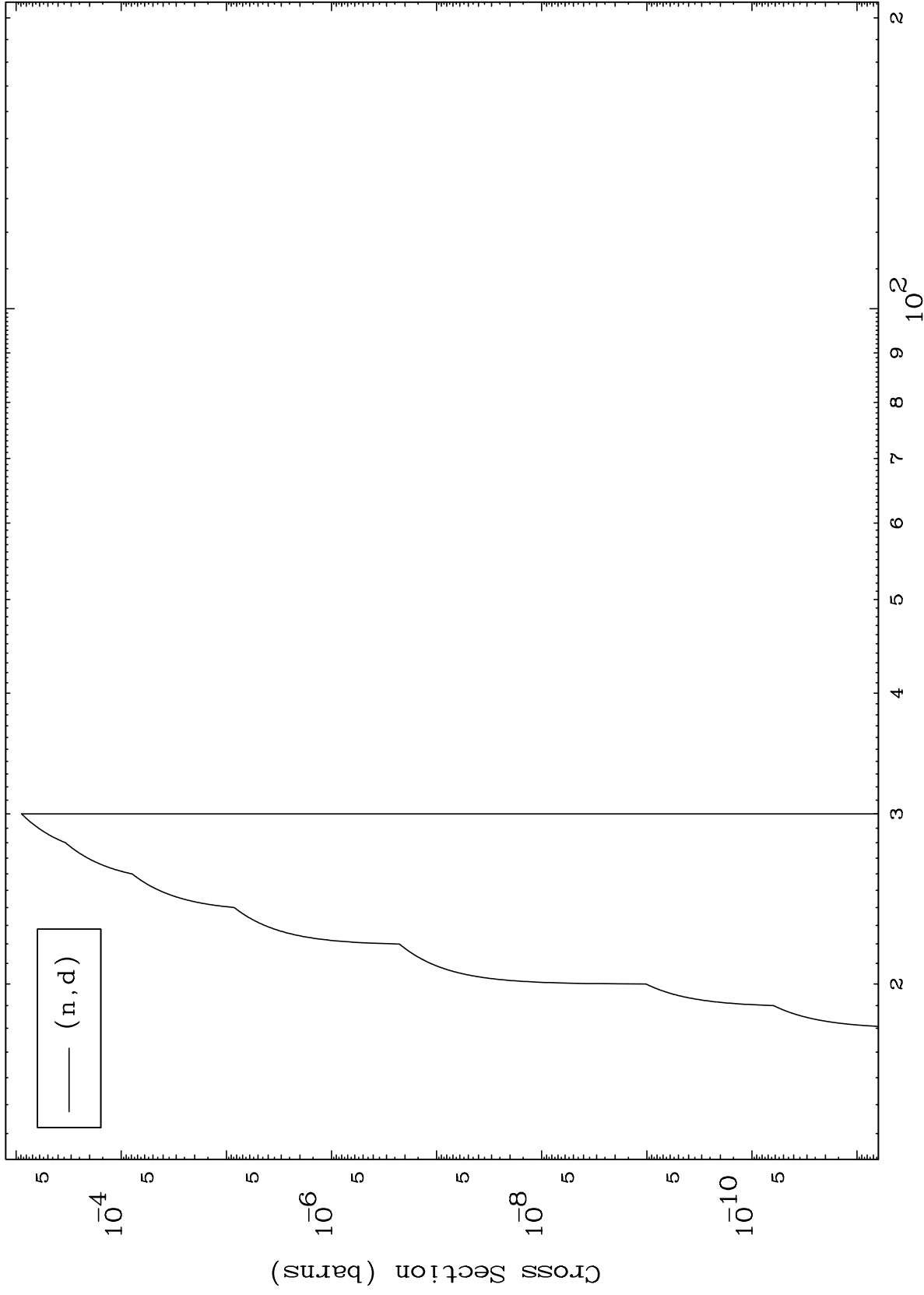
71-Lu-169



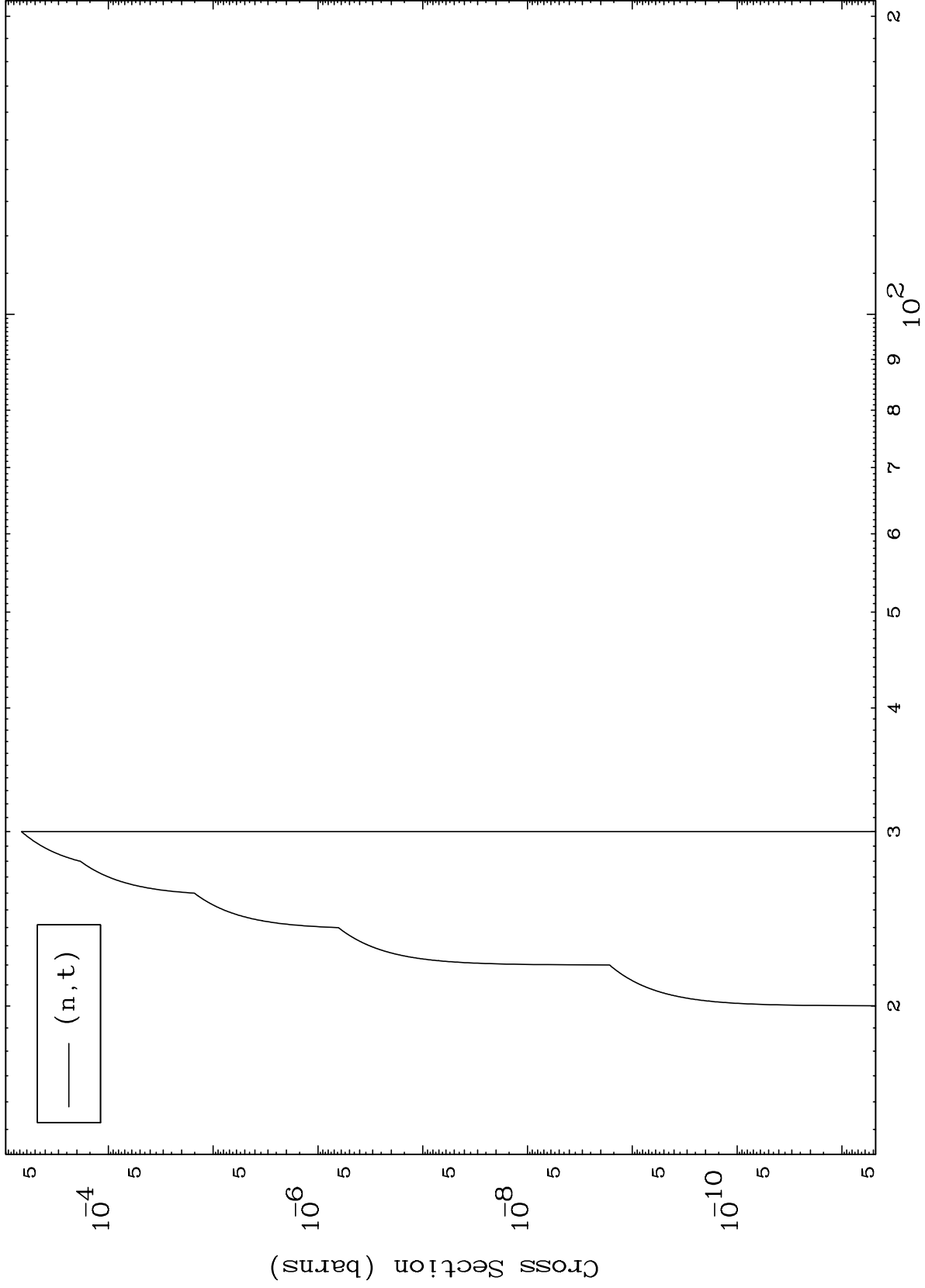
6

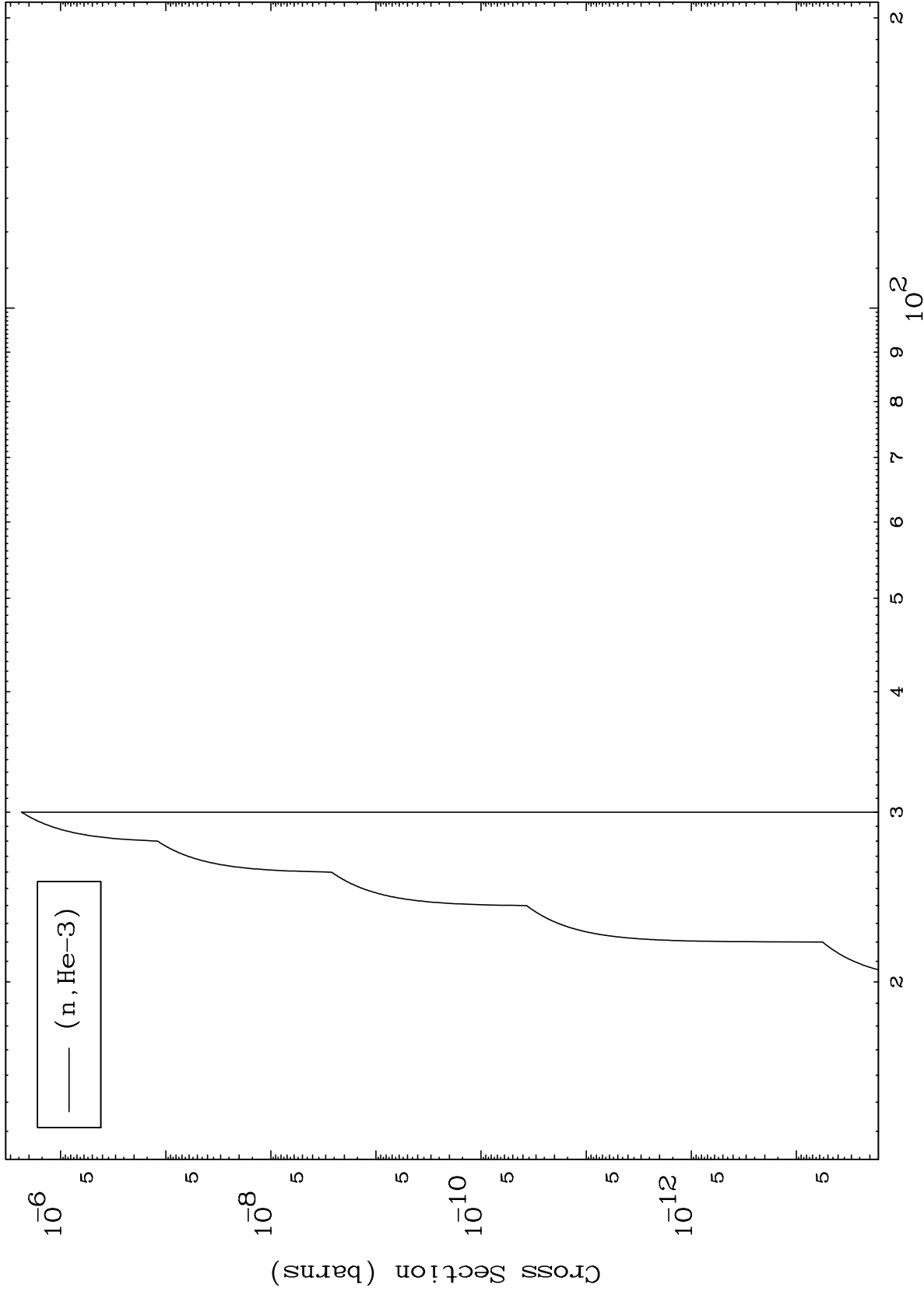
Incident Energy (MeV)

71-Lu-169







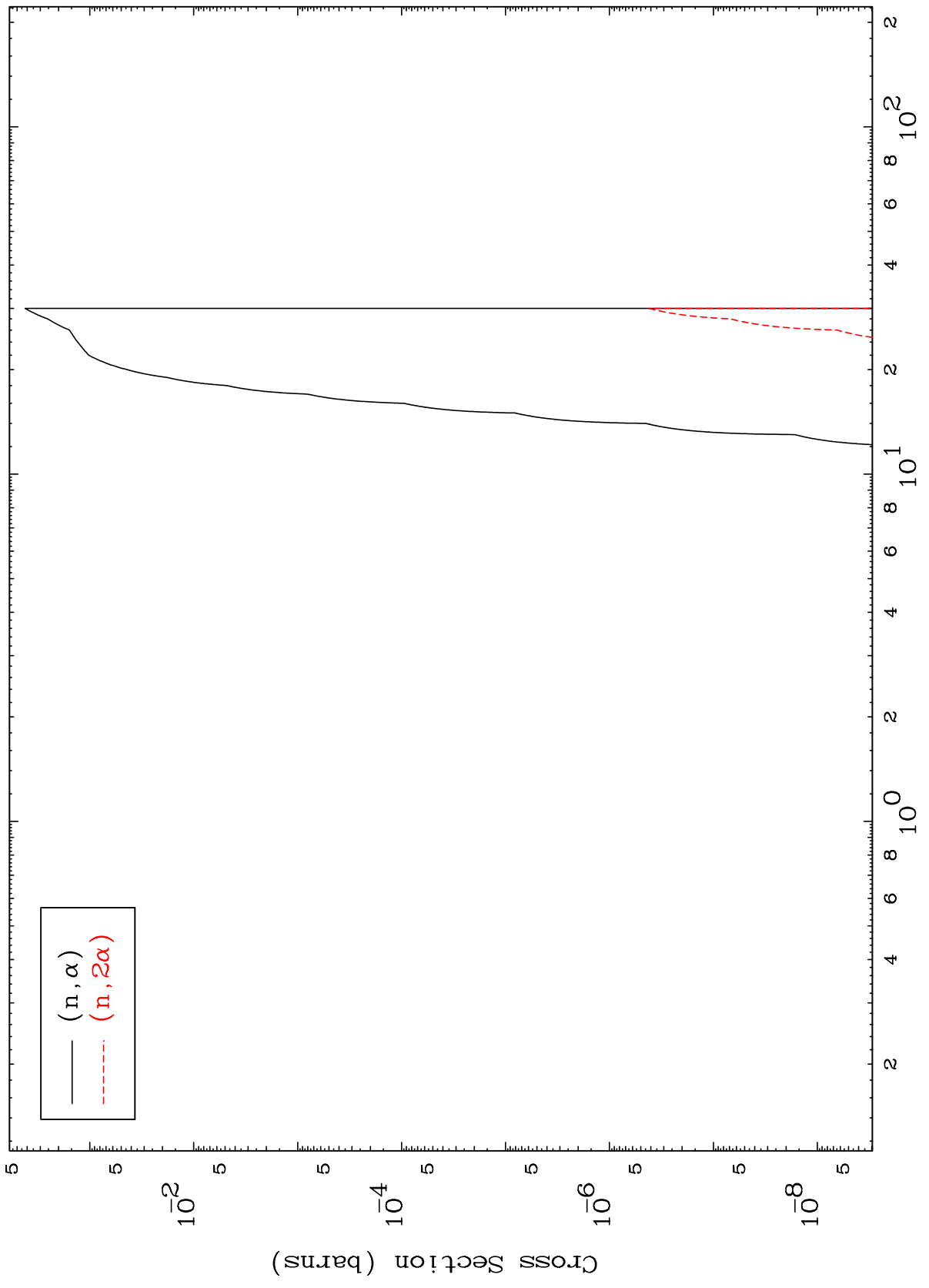


MAT 7107

( $\alpha, \alpha$ ) Levels

71-Lu-169

0 Kelvin Cross Sections



— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

10

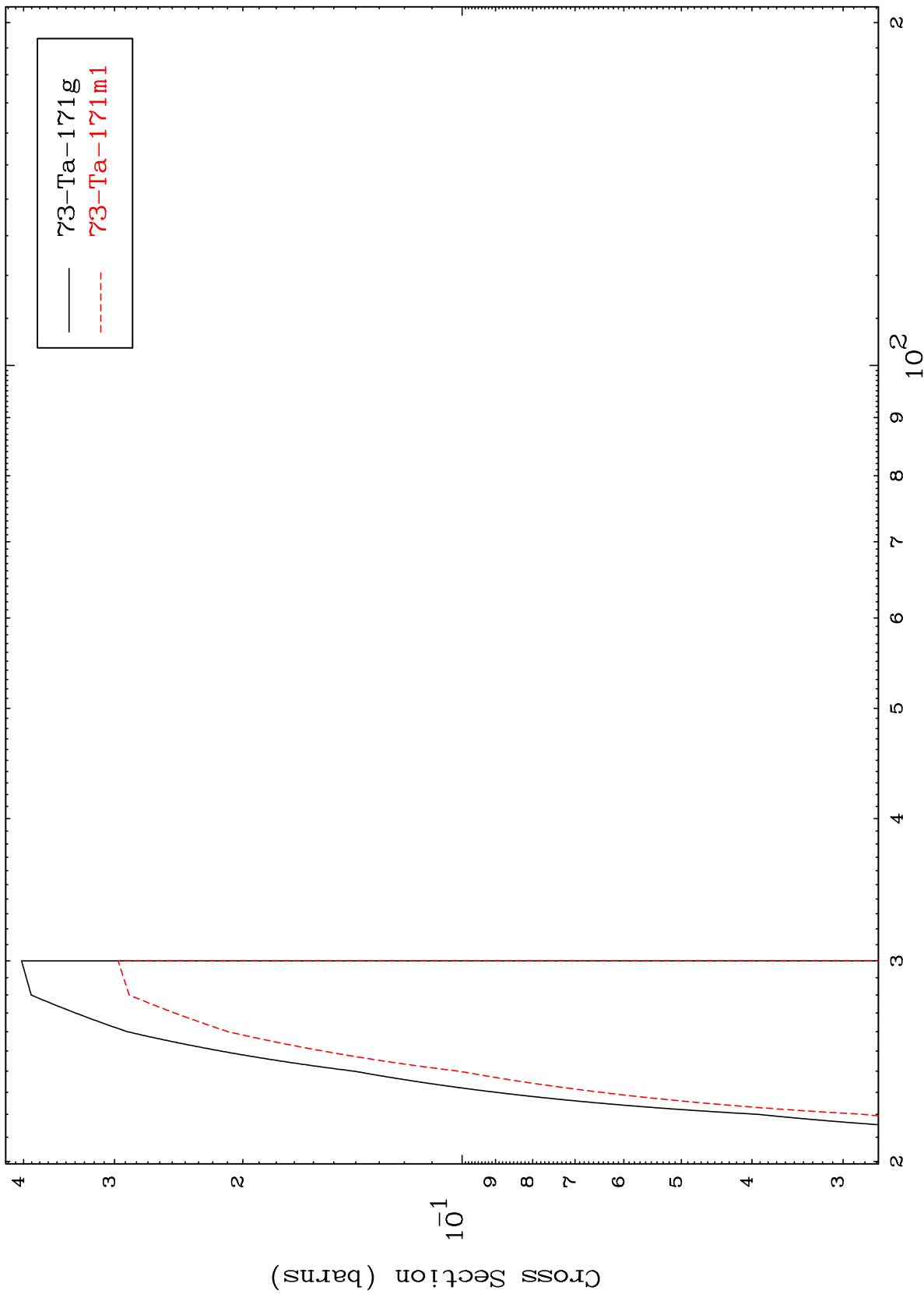
Incident Energy (MeV)

71-Lu-169

MAT 7107

71-Lu-169

(n,2n)  
Radionuclide Production Cross Section



73-Ta-171g  
73-Ta-171m1

11

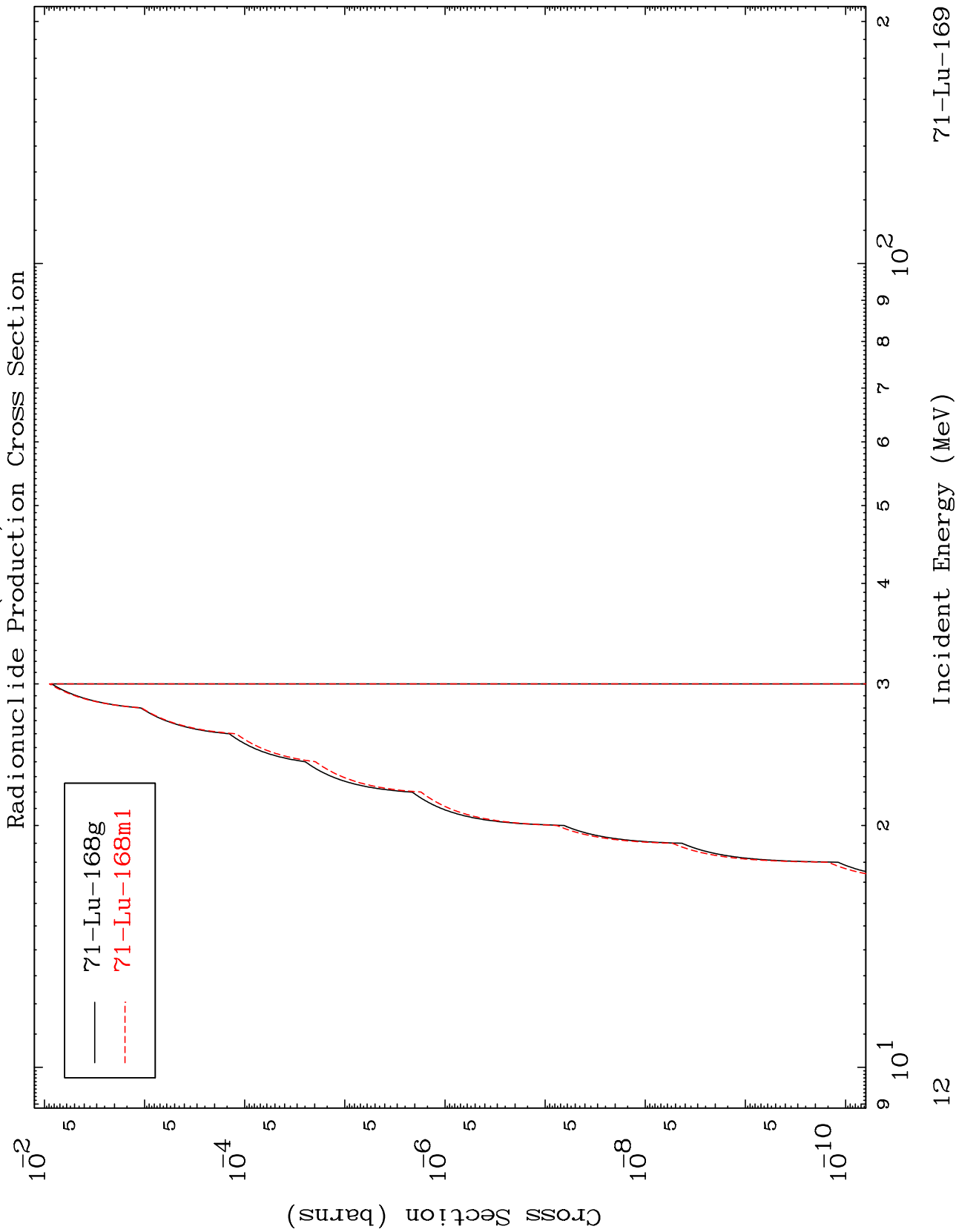
71-Lu-169

Incident Energy (MeV)

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$(n, n') \alpha$

$^{71}\text{Lu-169}$

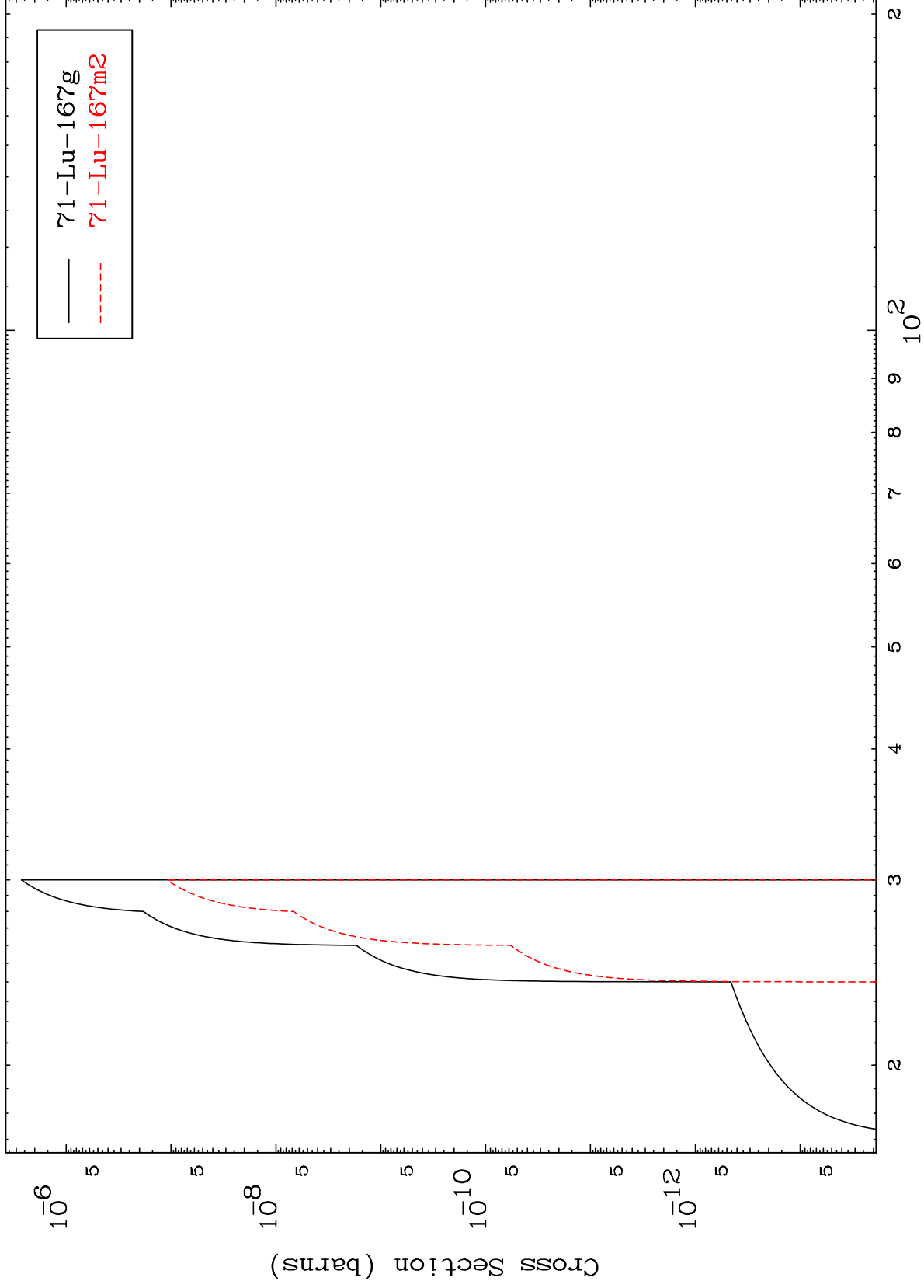


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$(n,2n) \alpha$

71-Lu-169

Radionuclide Production Cross Section



13

Incident Energy (MeV)

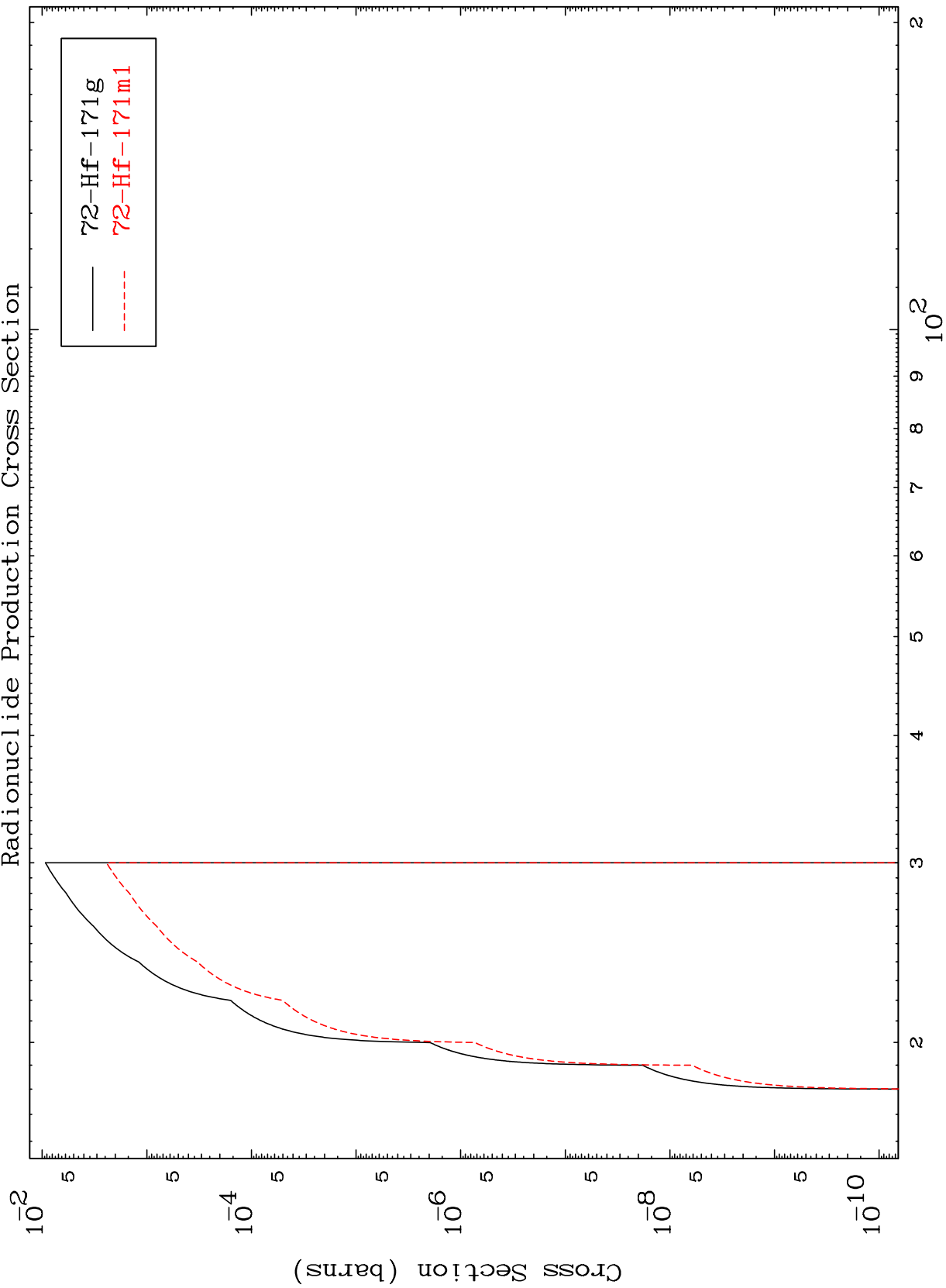
71-Lu-169

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$(n, n')$  p

71-Lu-169

Radionuclide Production Cross Section



14

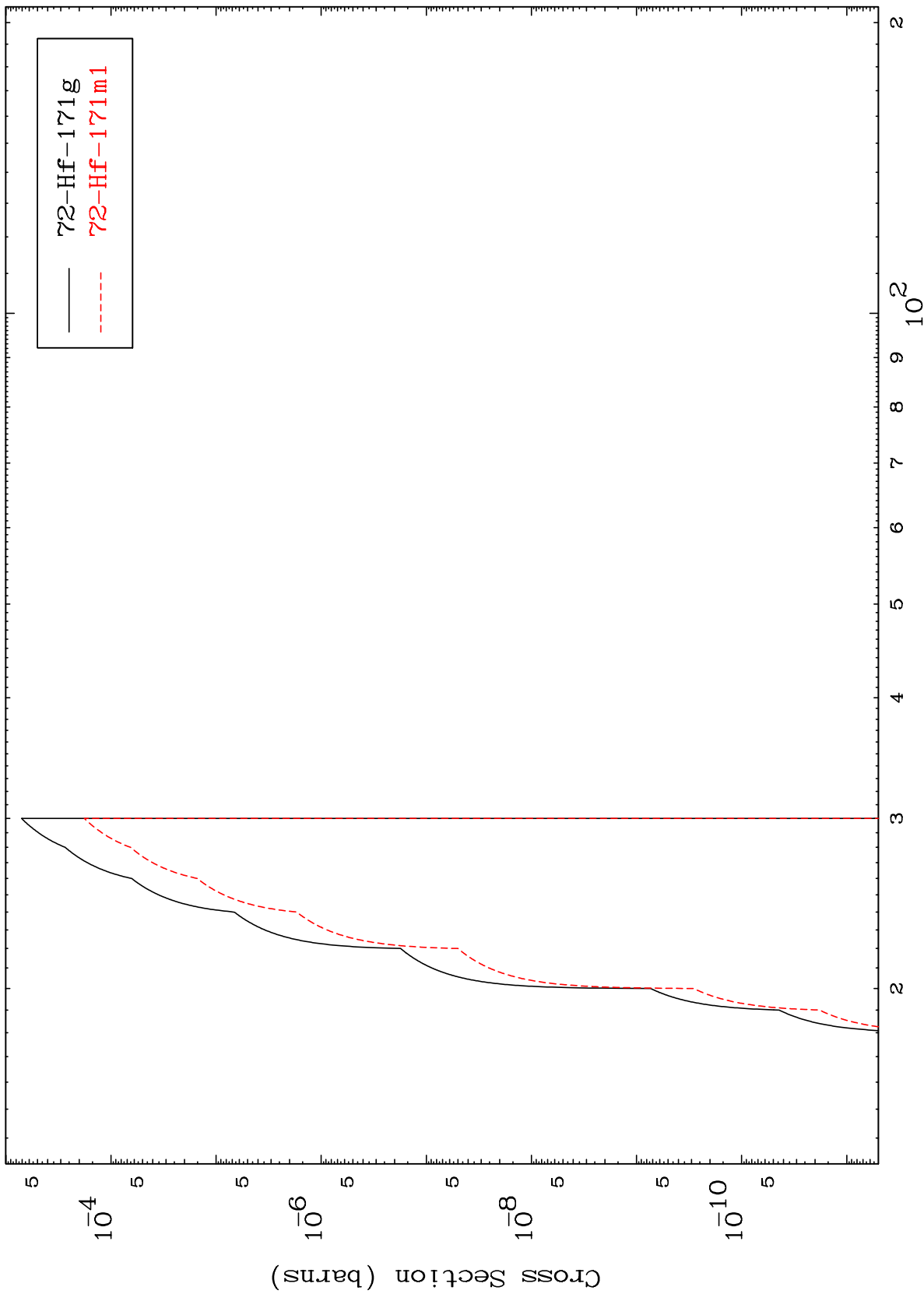
Incident Energy (MeV)

71-Lu-169

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71-Lu-169

(n,d)  
Radionuclide Production Cross Section



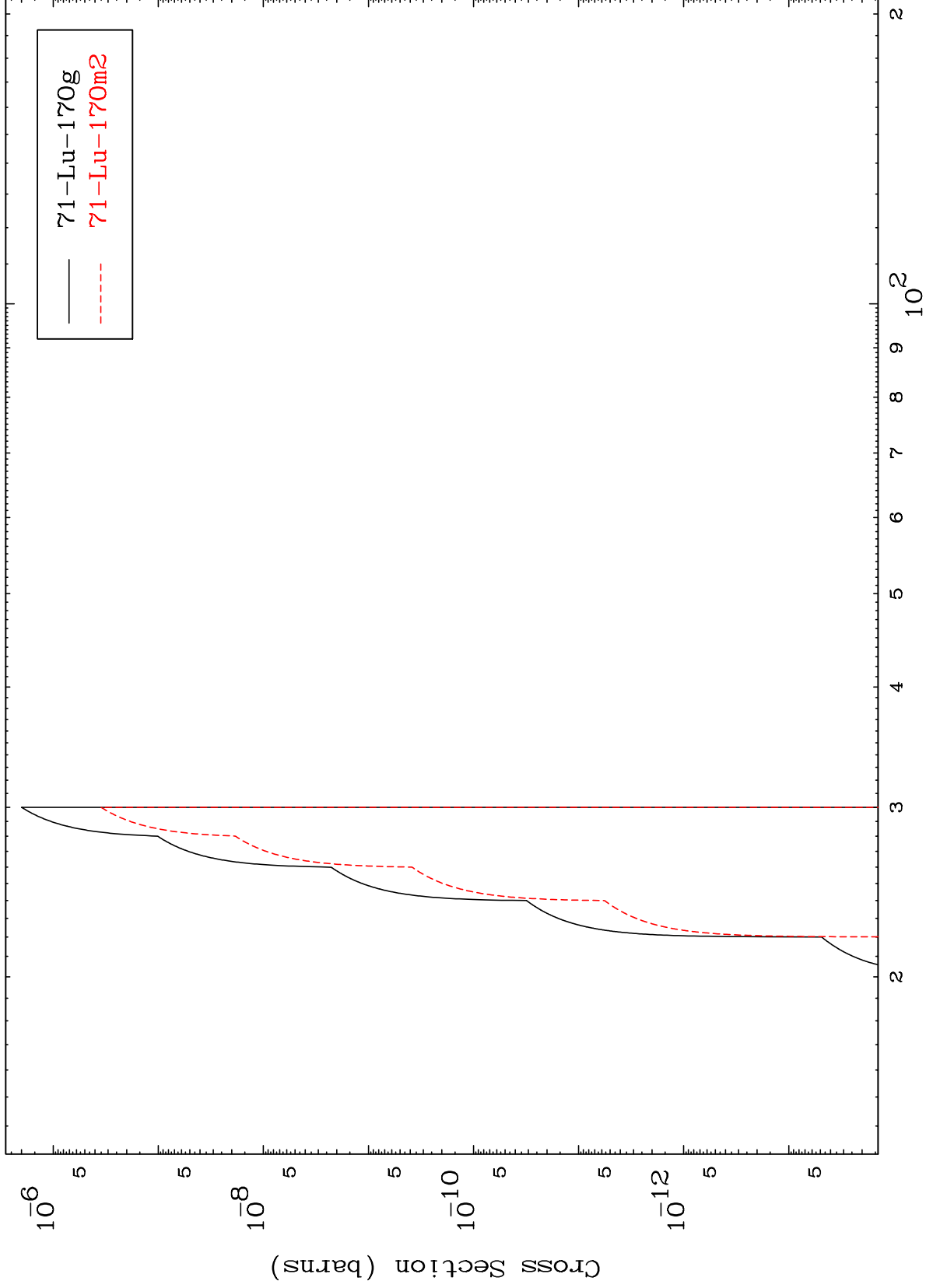
15

71-Lu-169

Incident Energy (MeV)



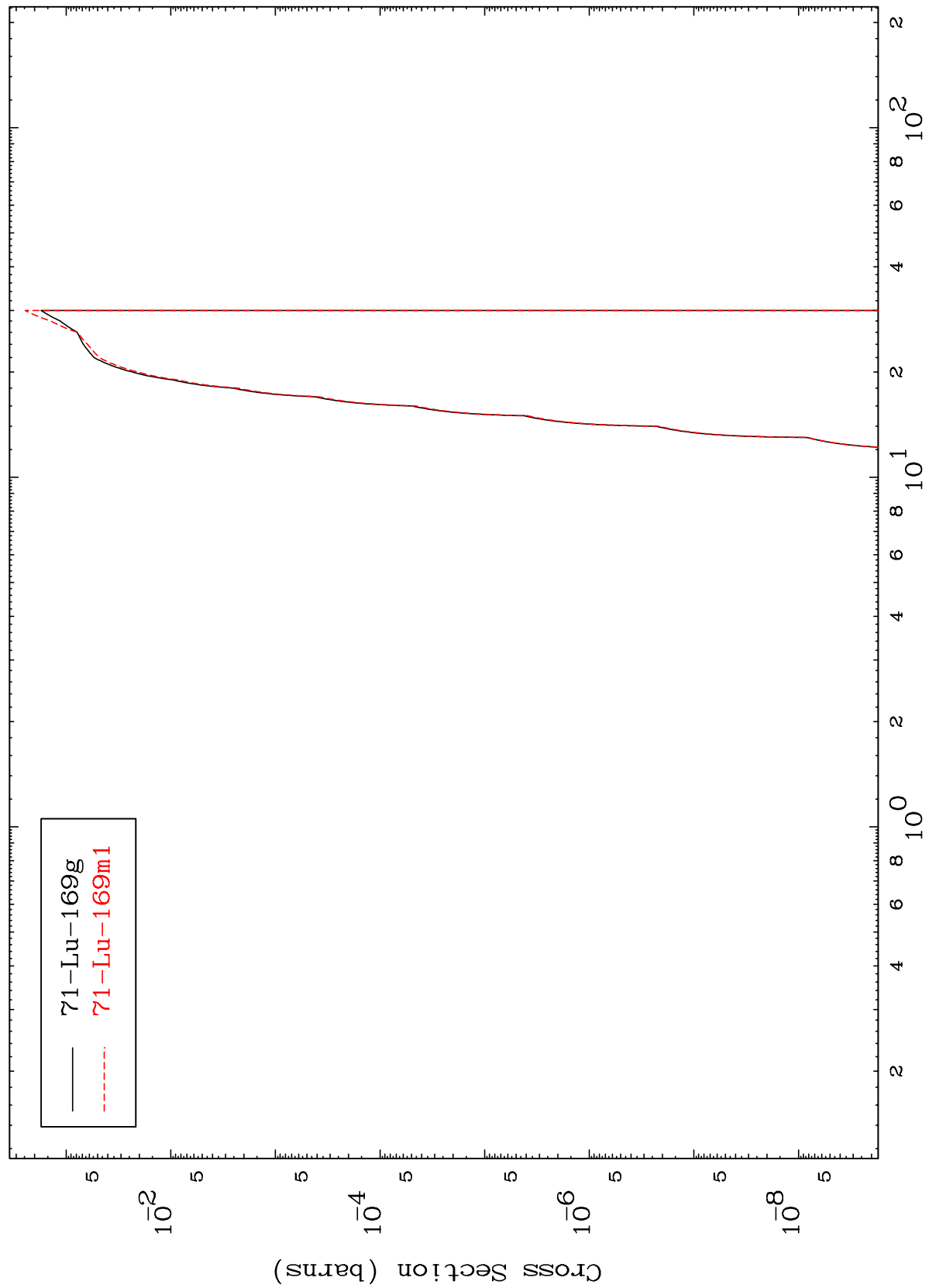
Radionuclide Production Cross Section



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71-Lu-169

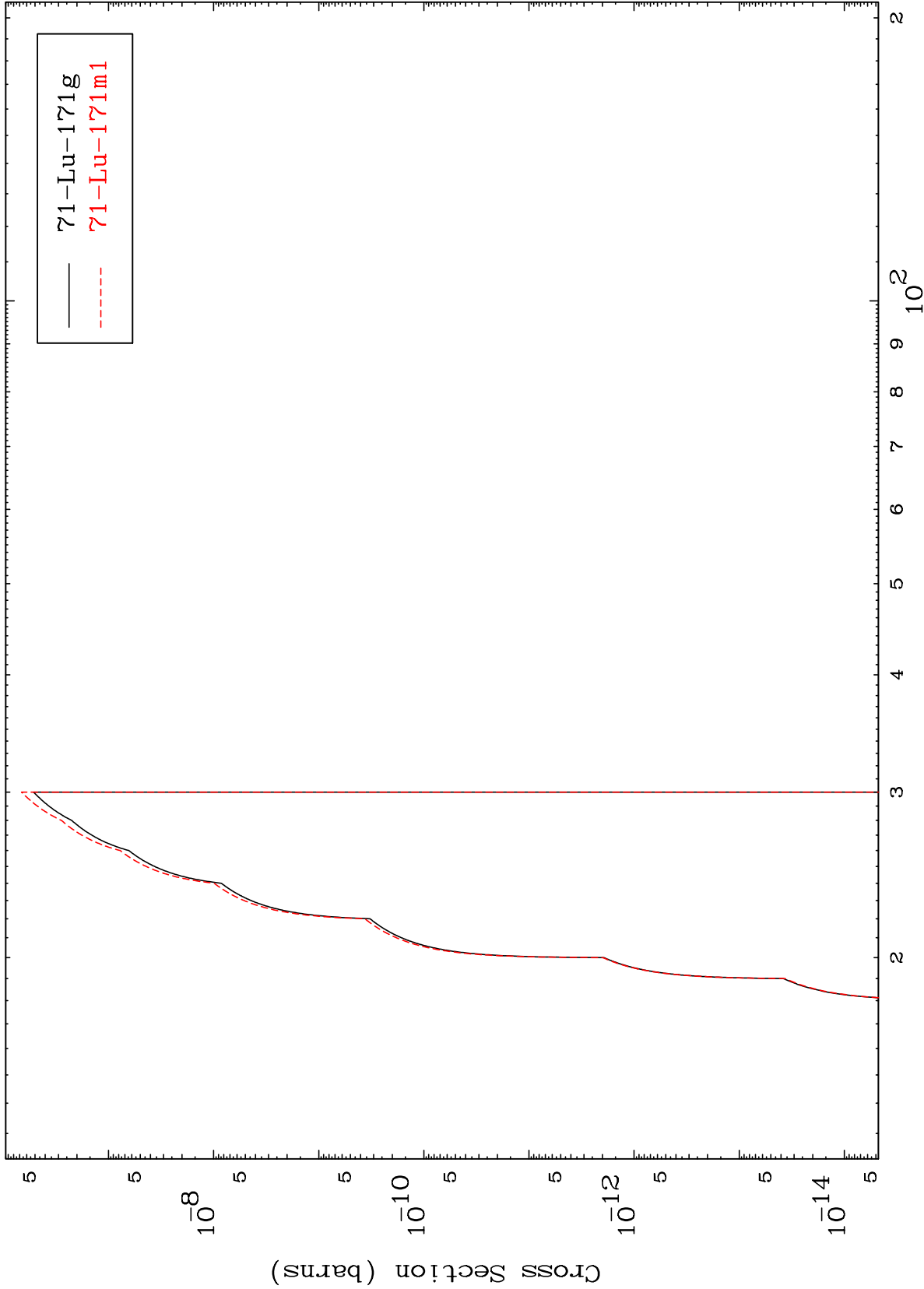
Radionuclide Production Cross Section  
(n,  $\alpha$ )



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71-Lu-169

(n,2p)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

71-Lu-169