

Program EVALPLOT  
(Version 2018-1)

by

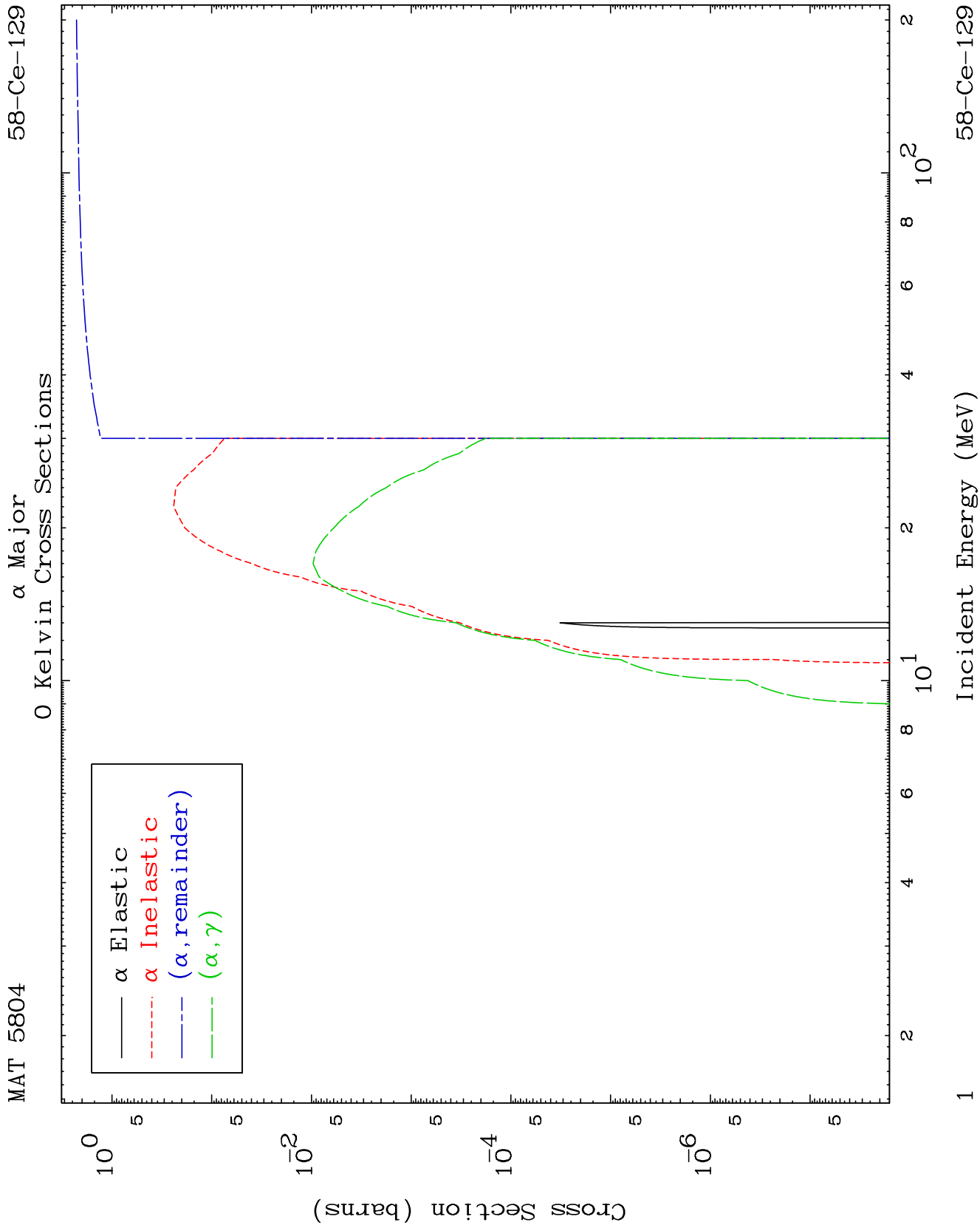
Dermott E. Cullen  
(Present Contact Information)

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)

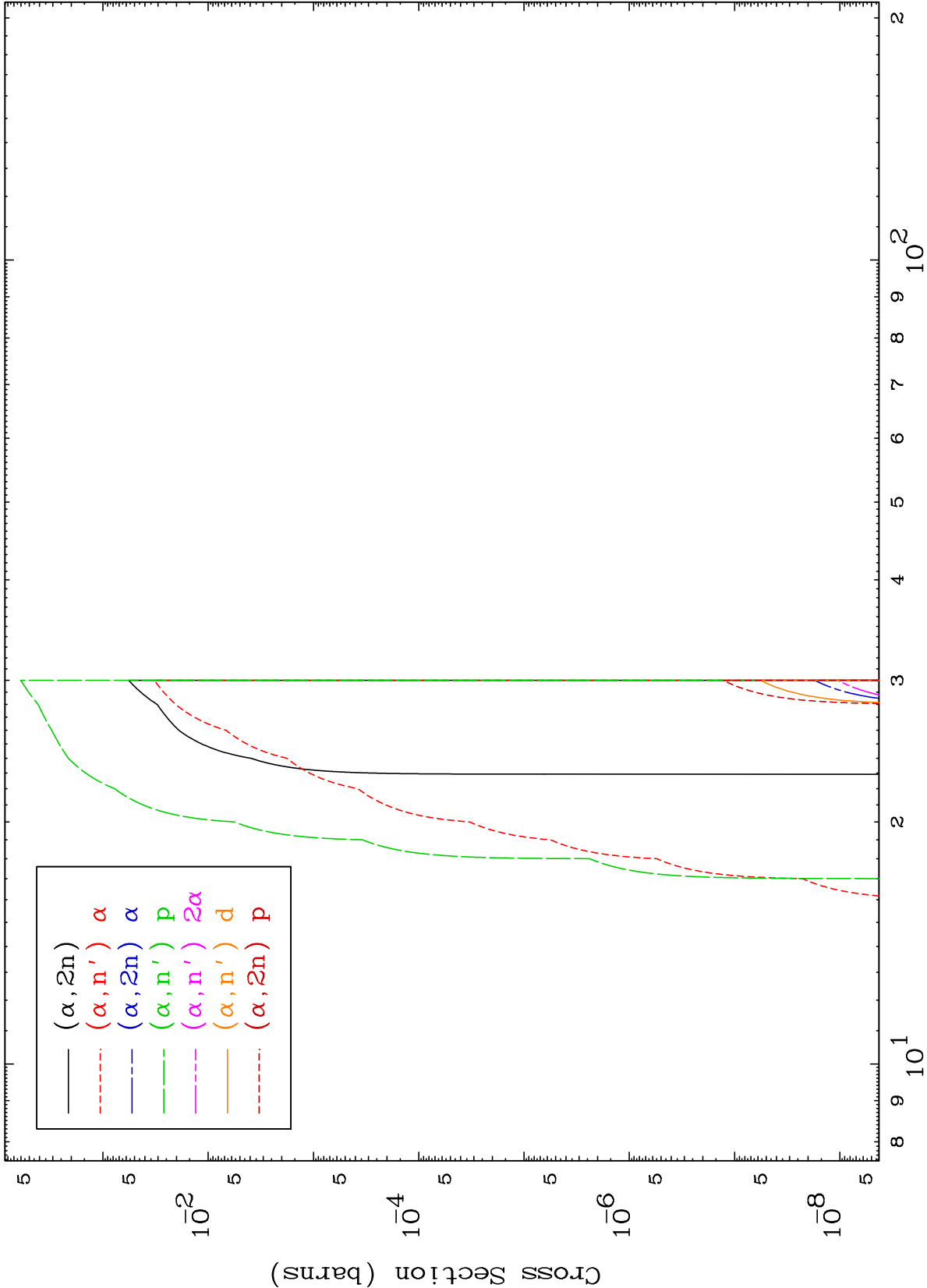
Press Mouse Button to Start



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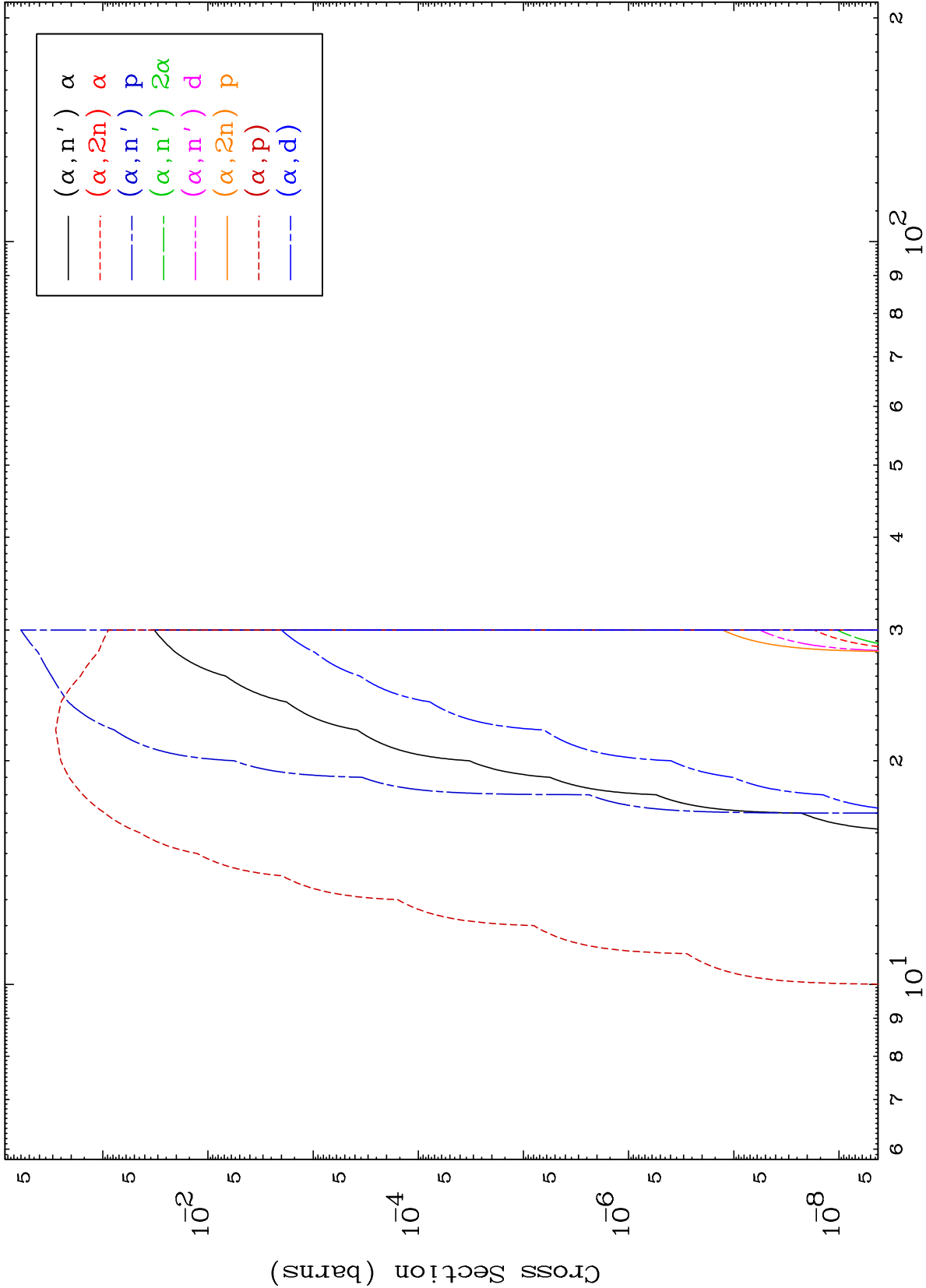
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

58-Ce-129



Incident Energy (MeV)

58-Ce-129



58-Ce-129

0 Kelvin Cross Sections



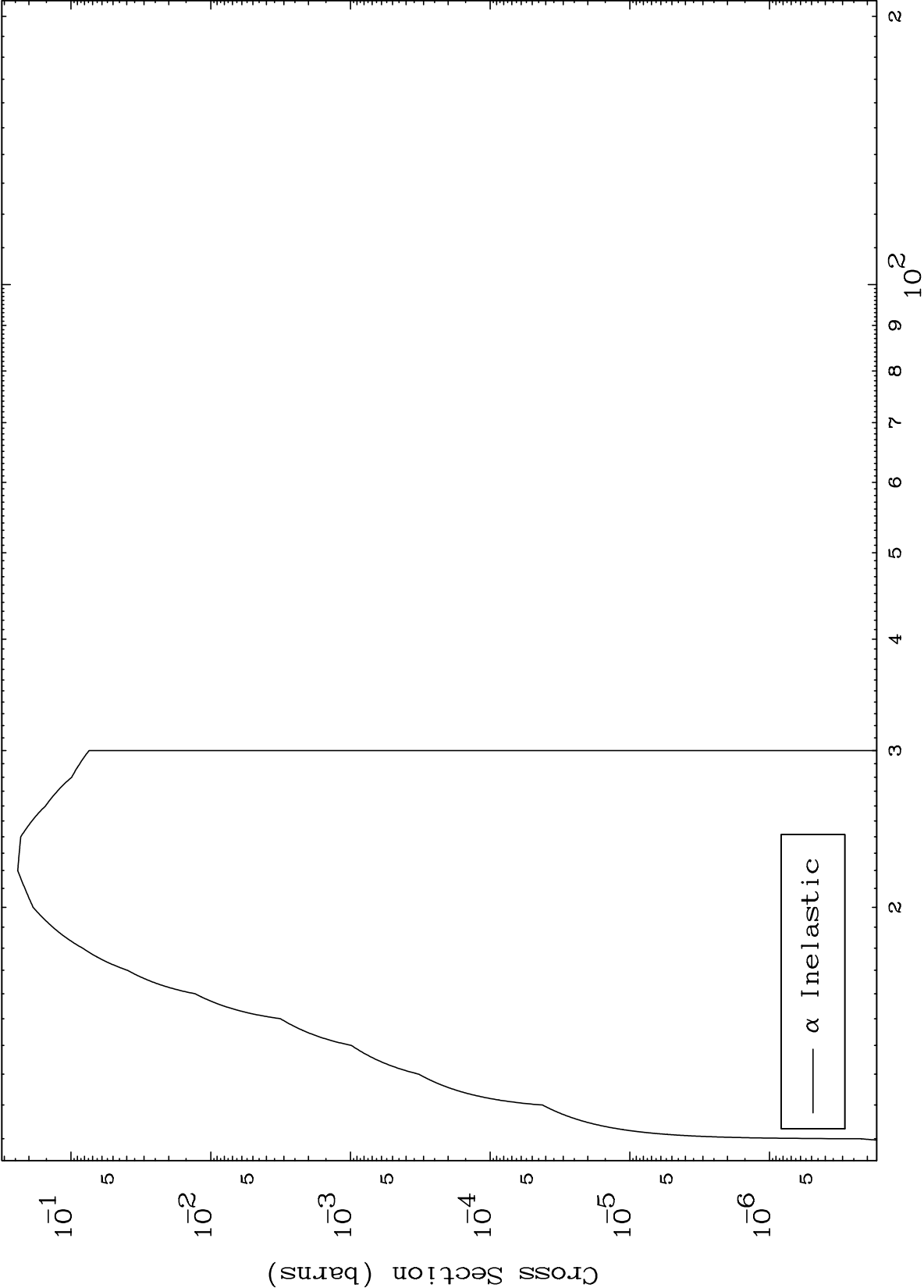
Incident Energy (MeV)

4

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58-Ce-129

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections



Incident Energy (MeV)

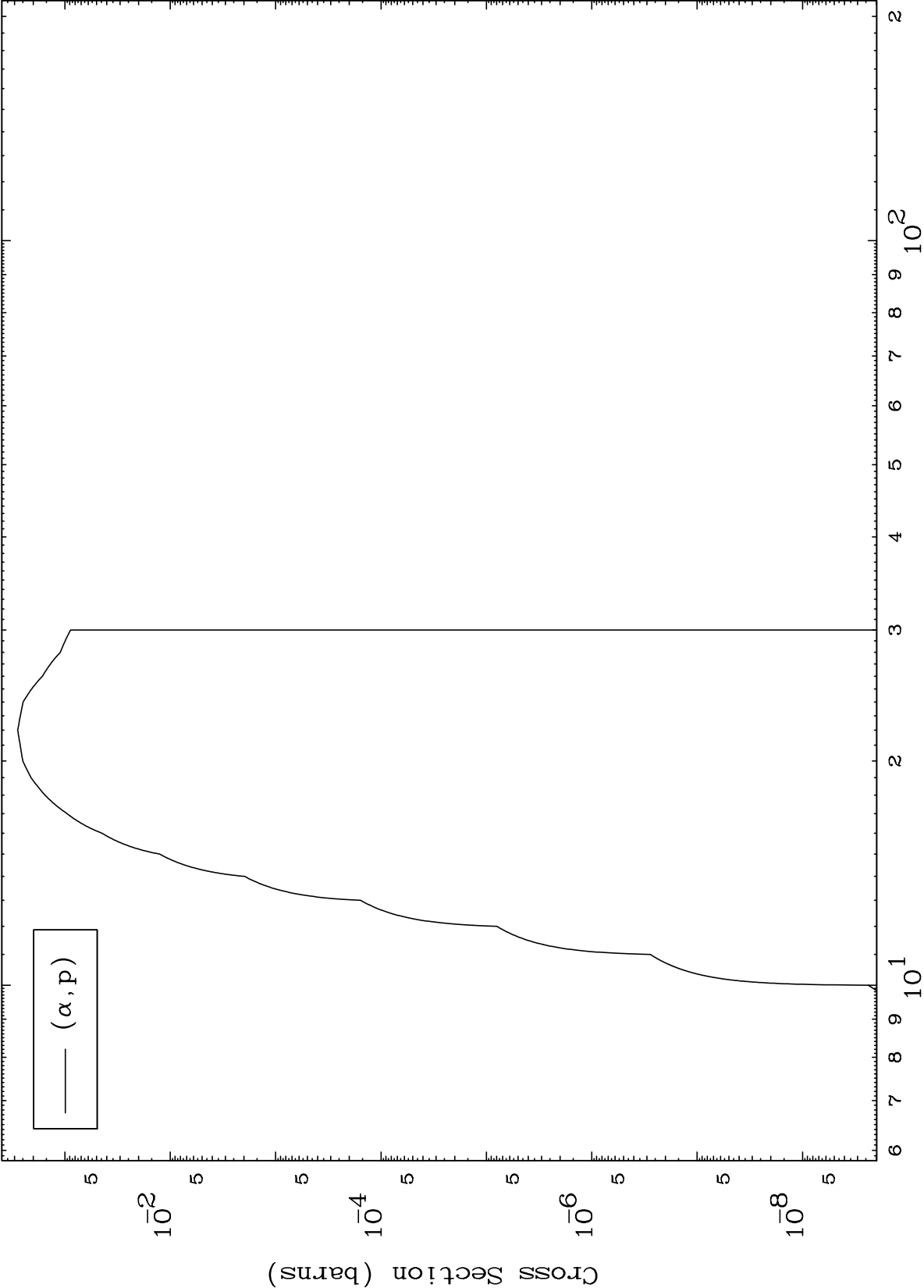
58-Ce-129

5

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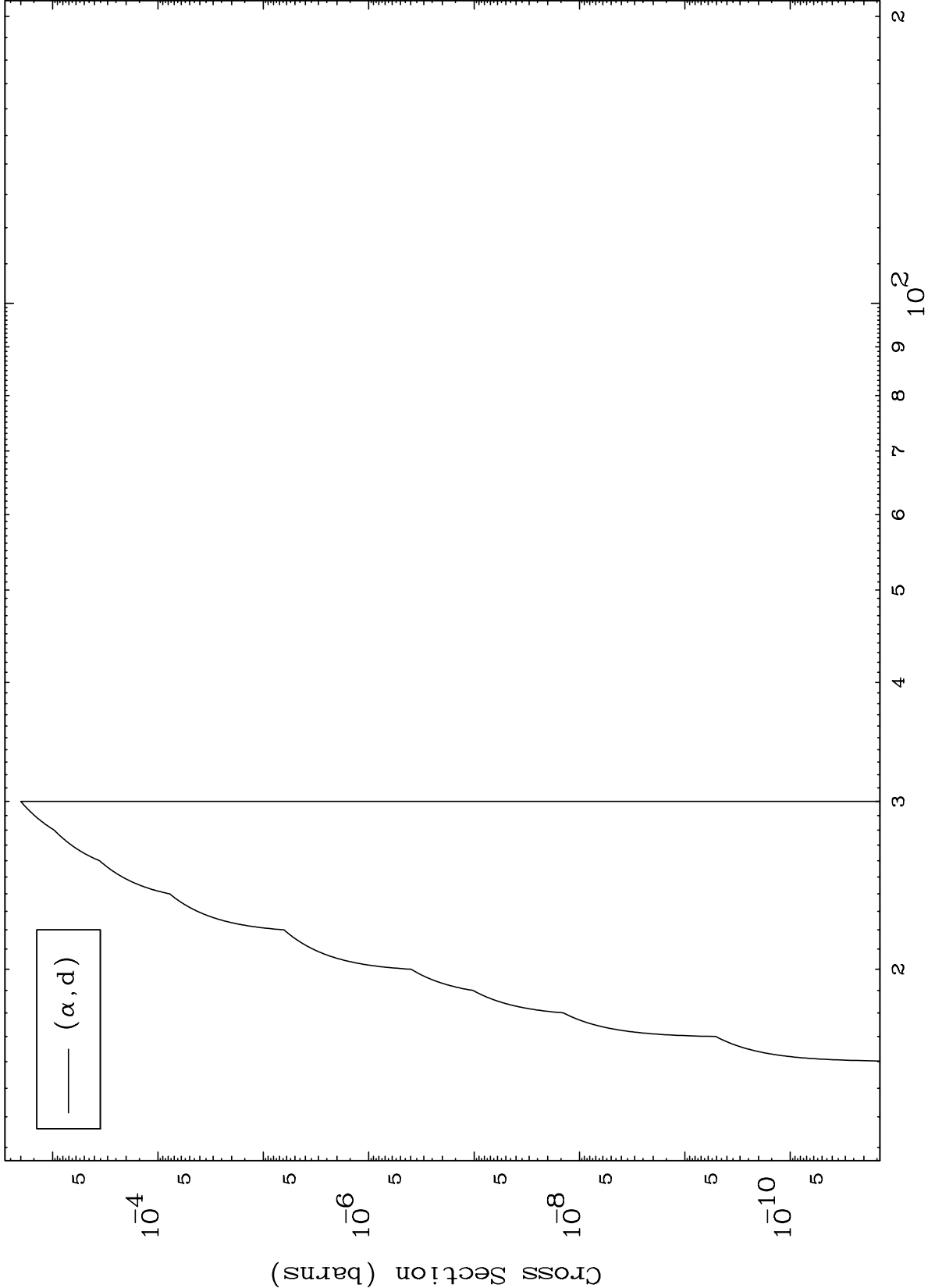
58-Ce-129

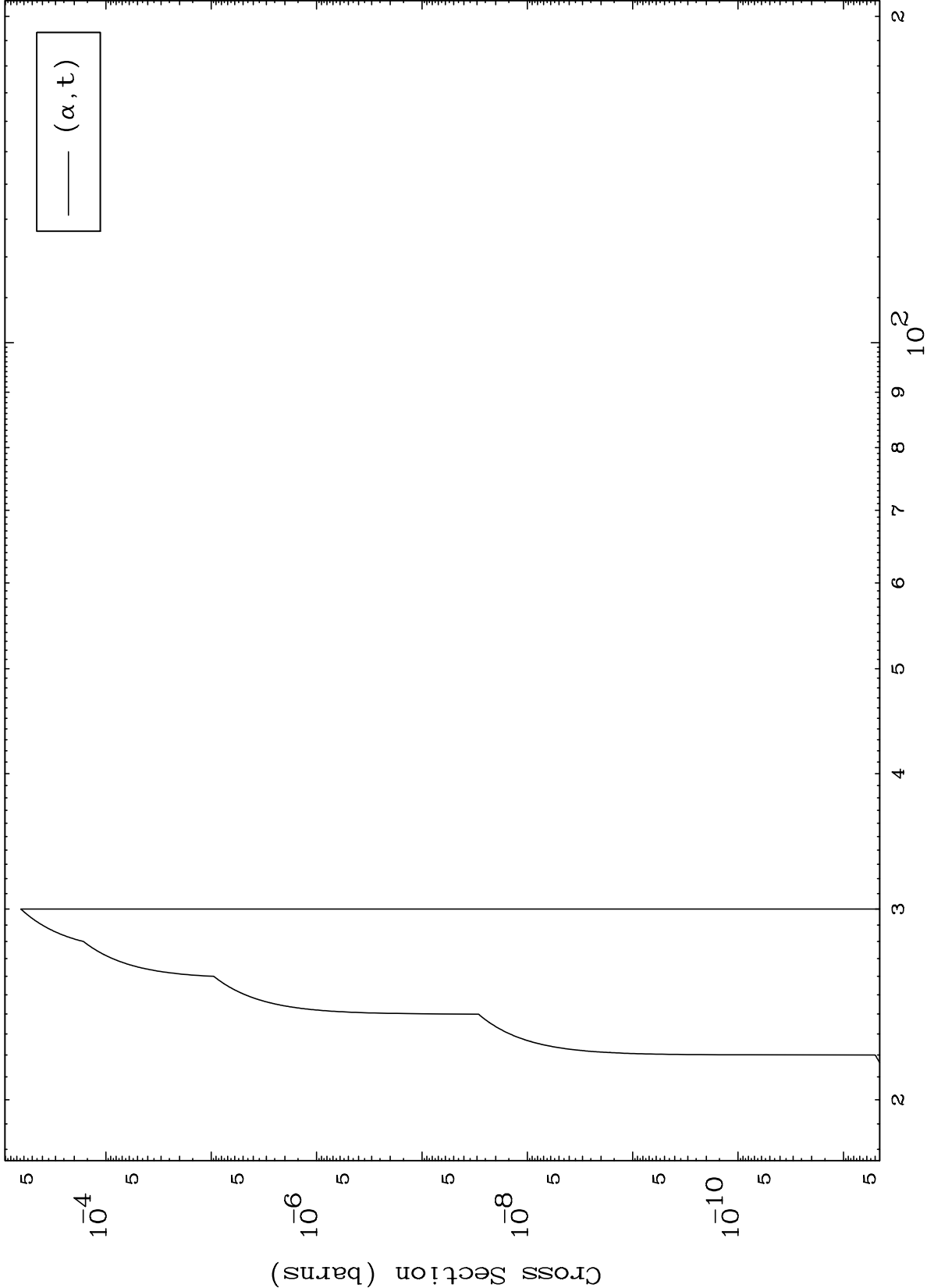
( $\alpha$ ,p) Levels  
0 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-129



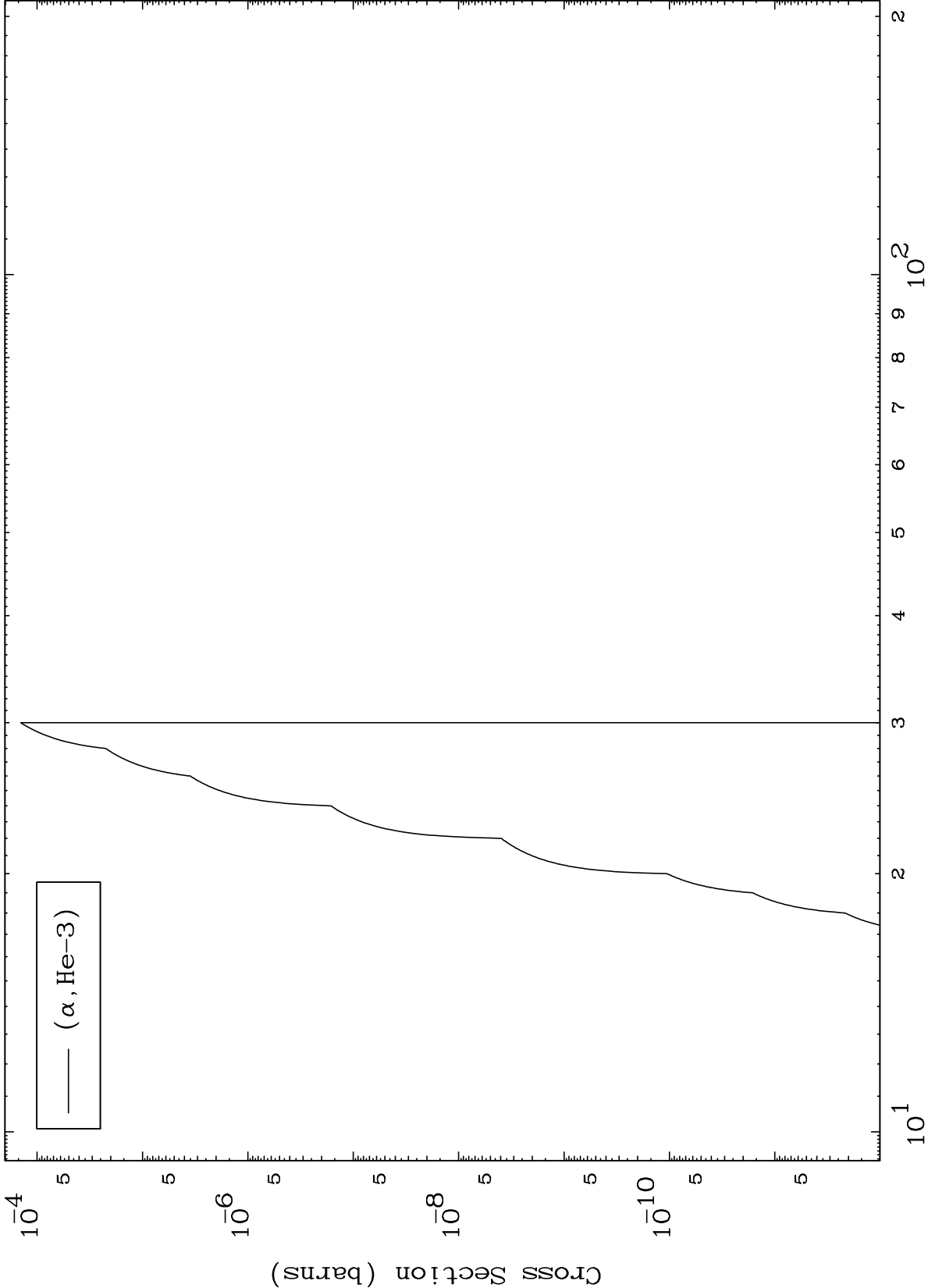


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( $\alpha$ ,He3) Levels

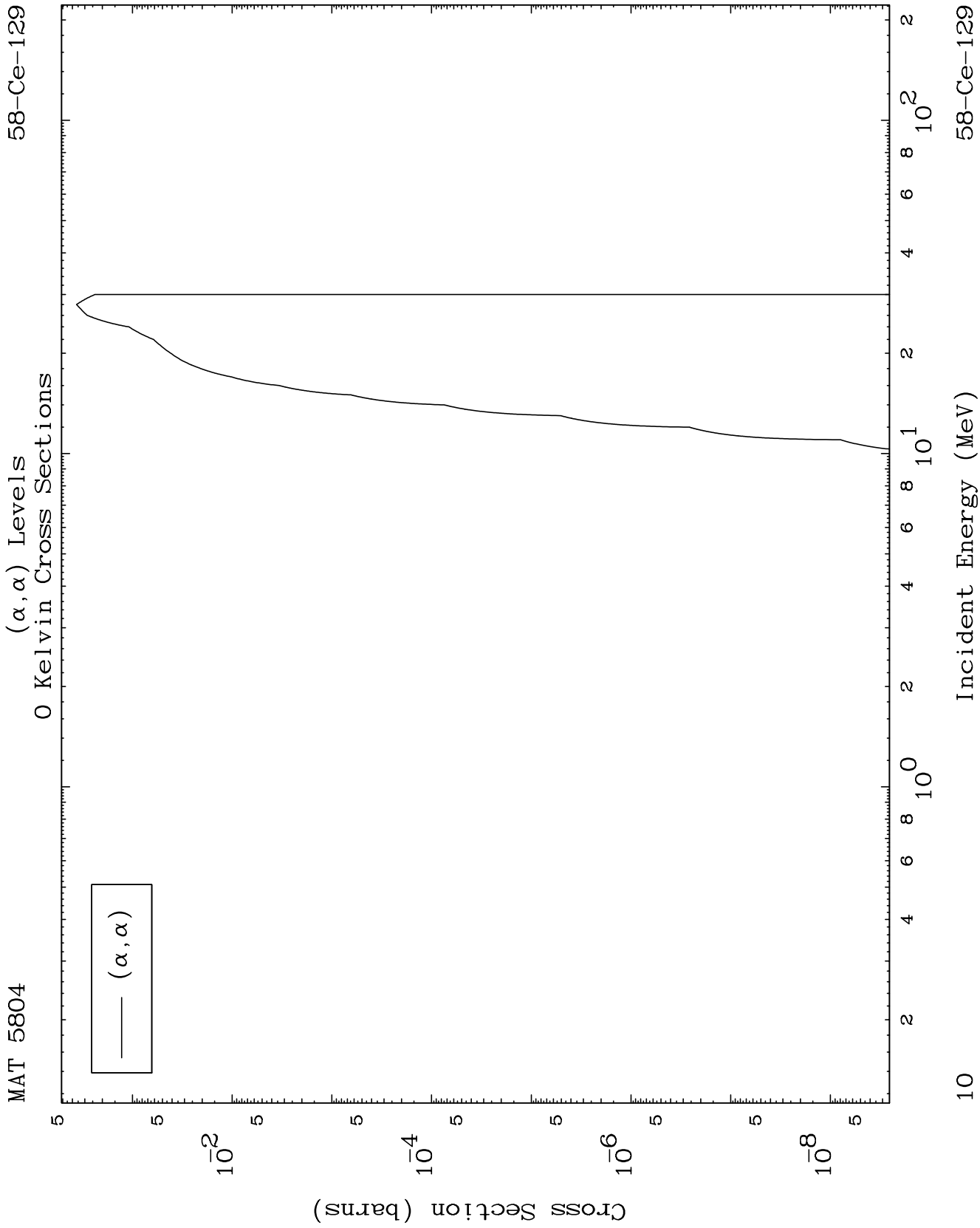
58-Ce-129

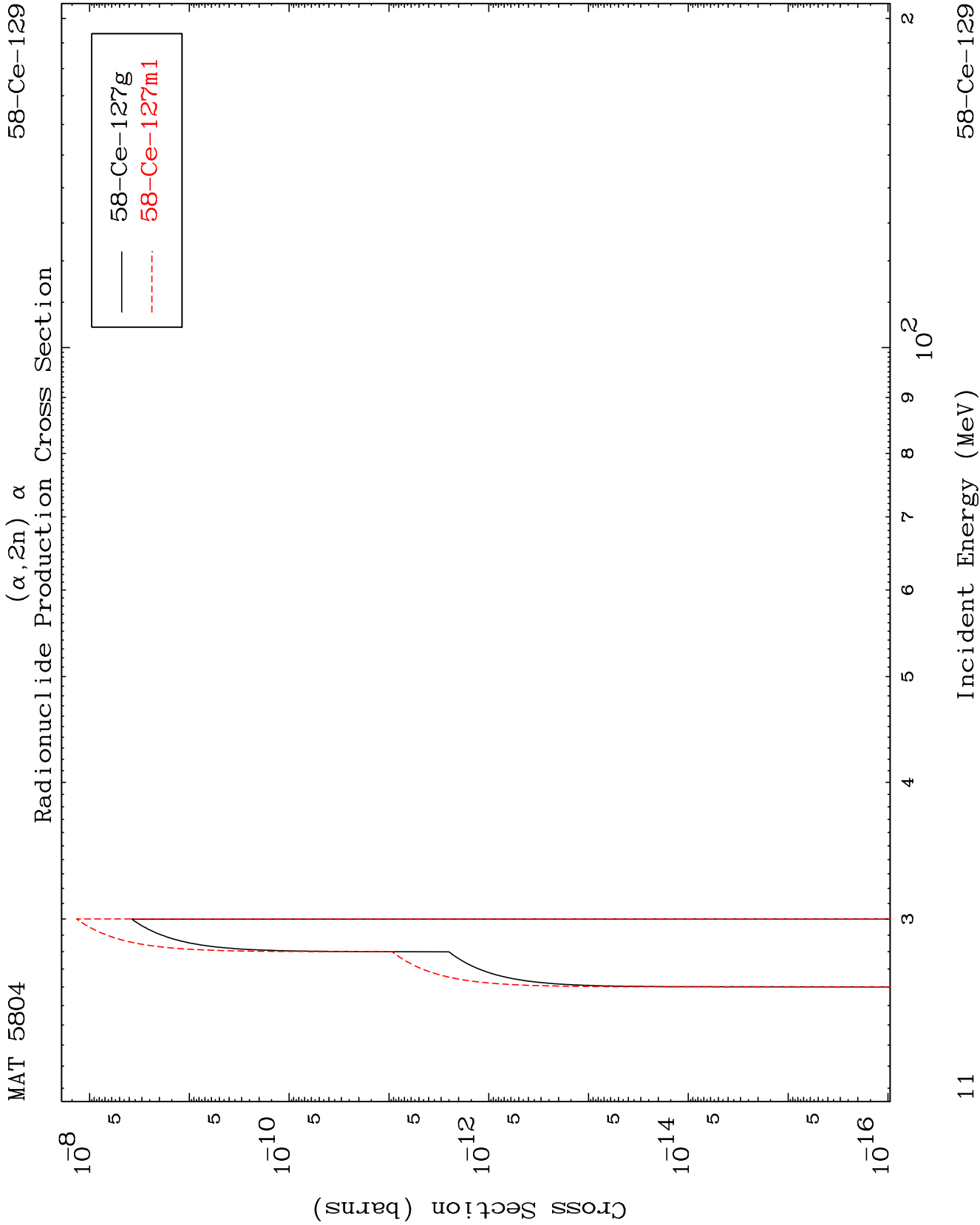
0 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-129

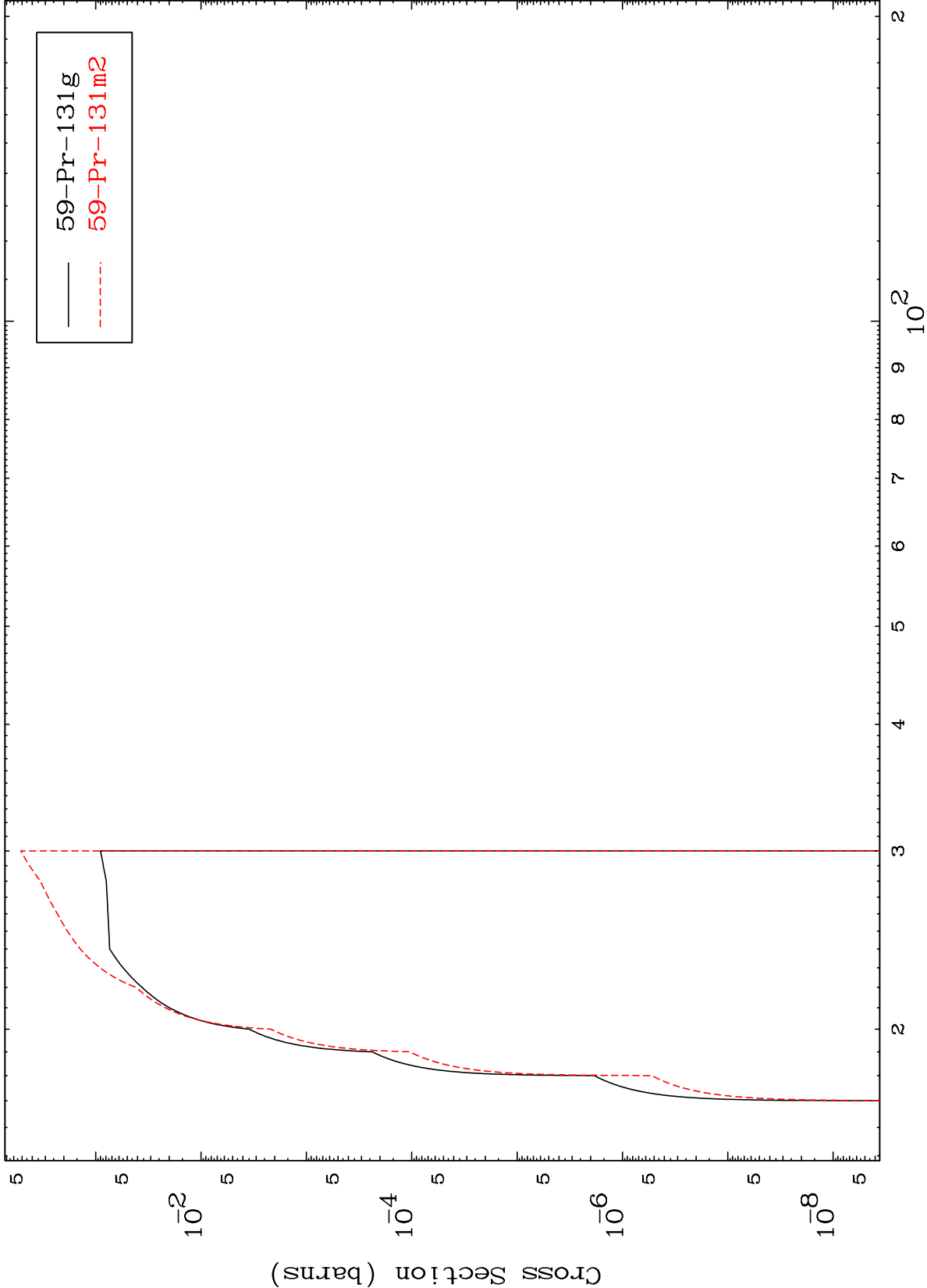




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58-Ce-129

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

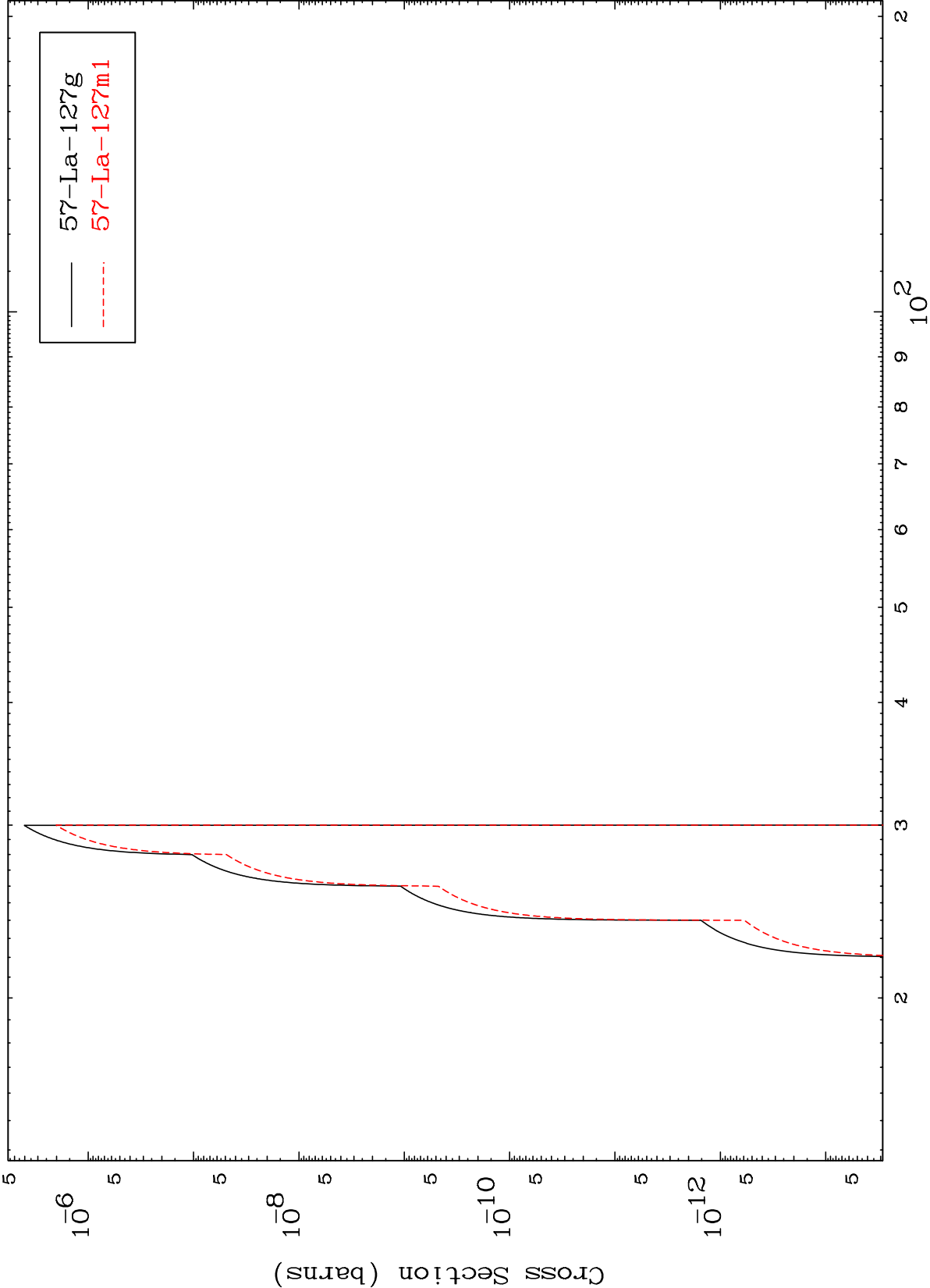


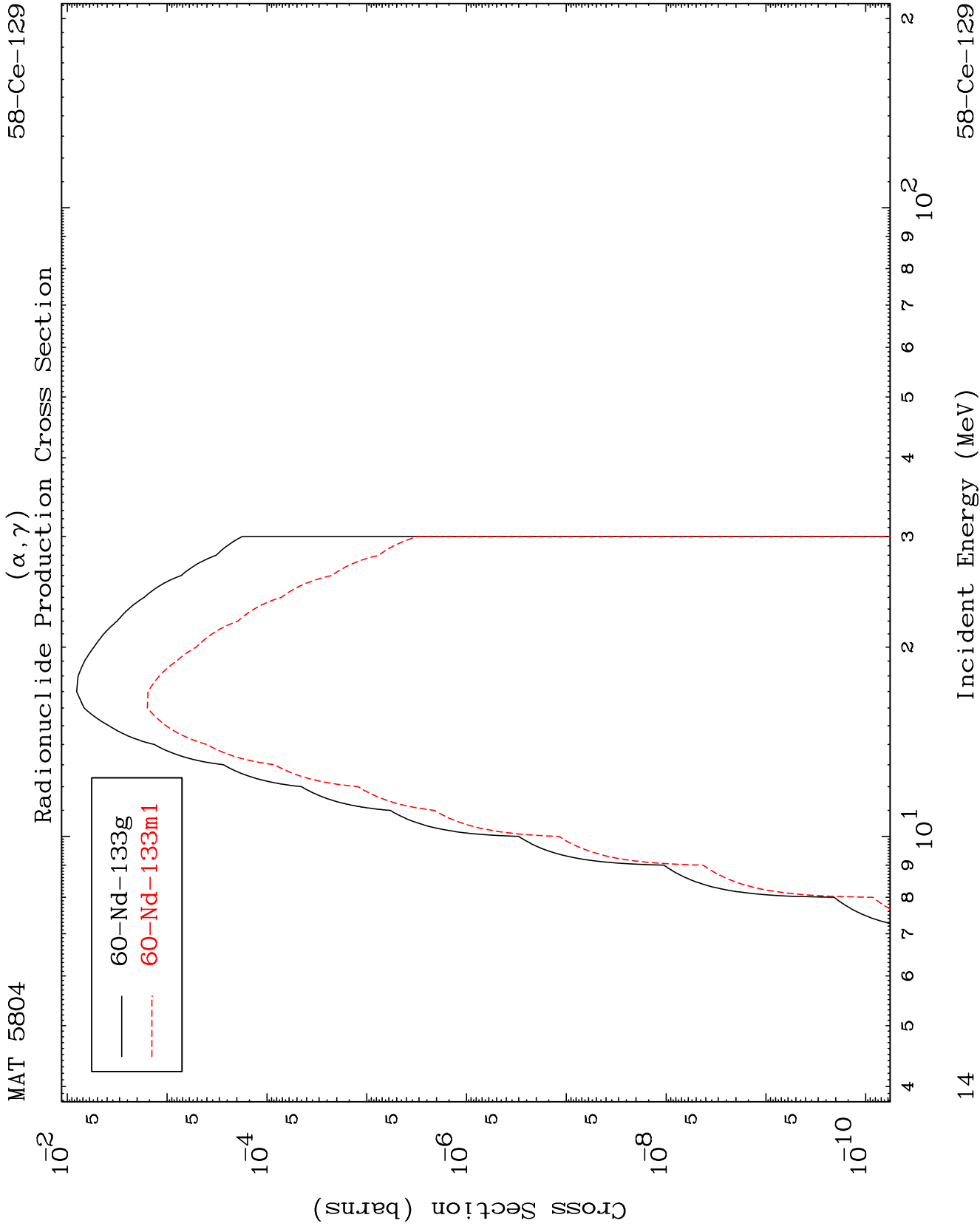
58-Ce-129

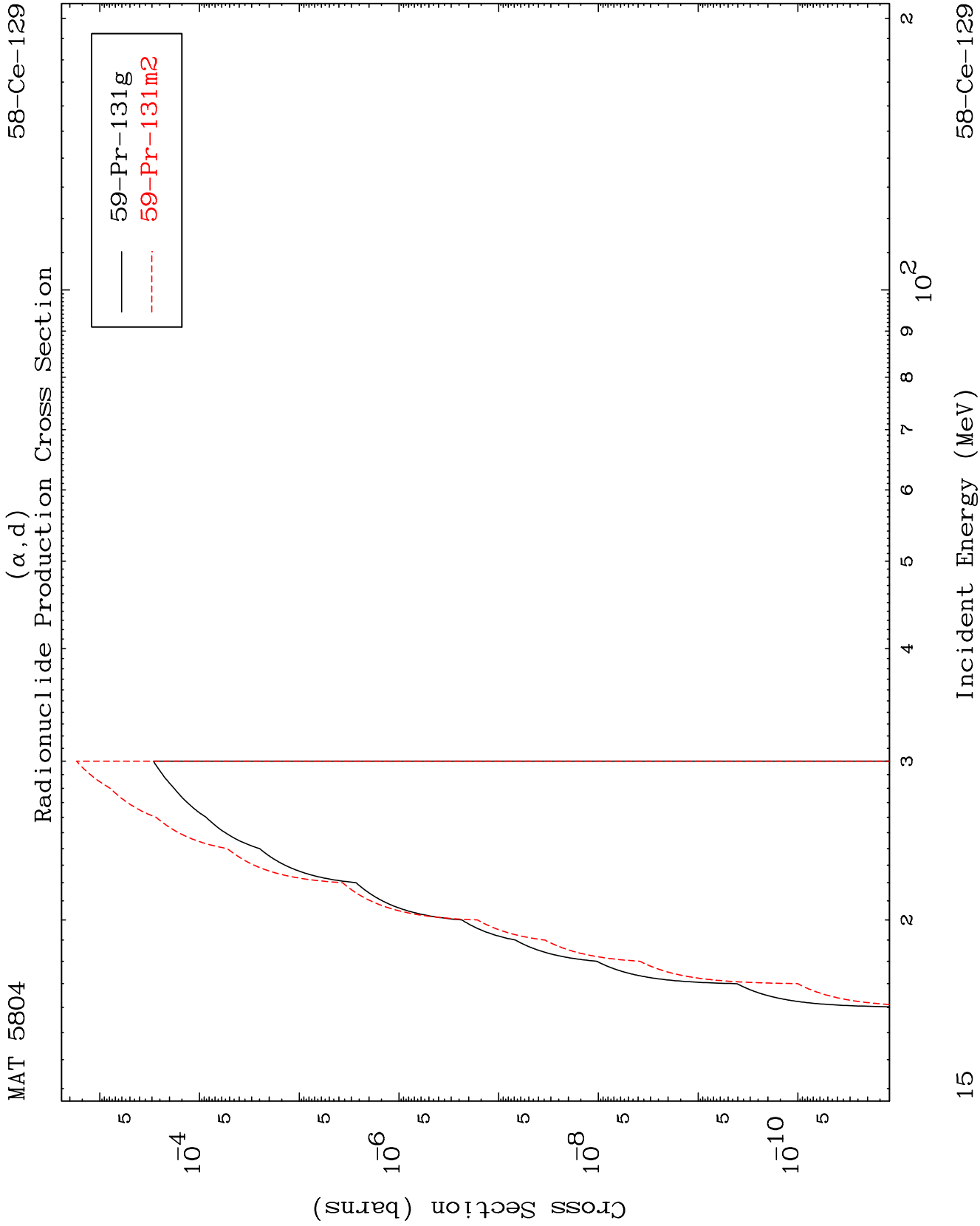
Incident Energy (MeV)

12

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



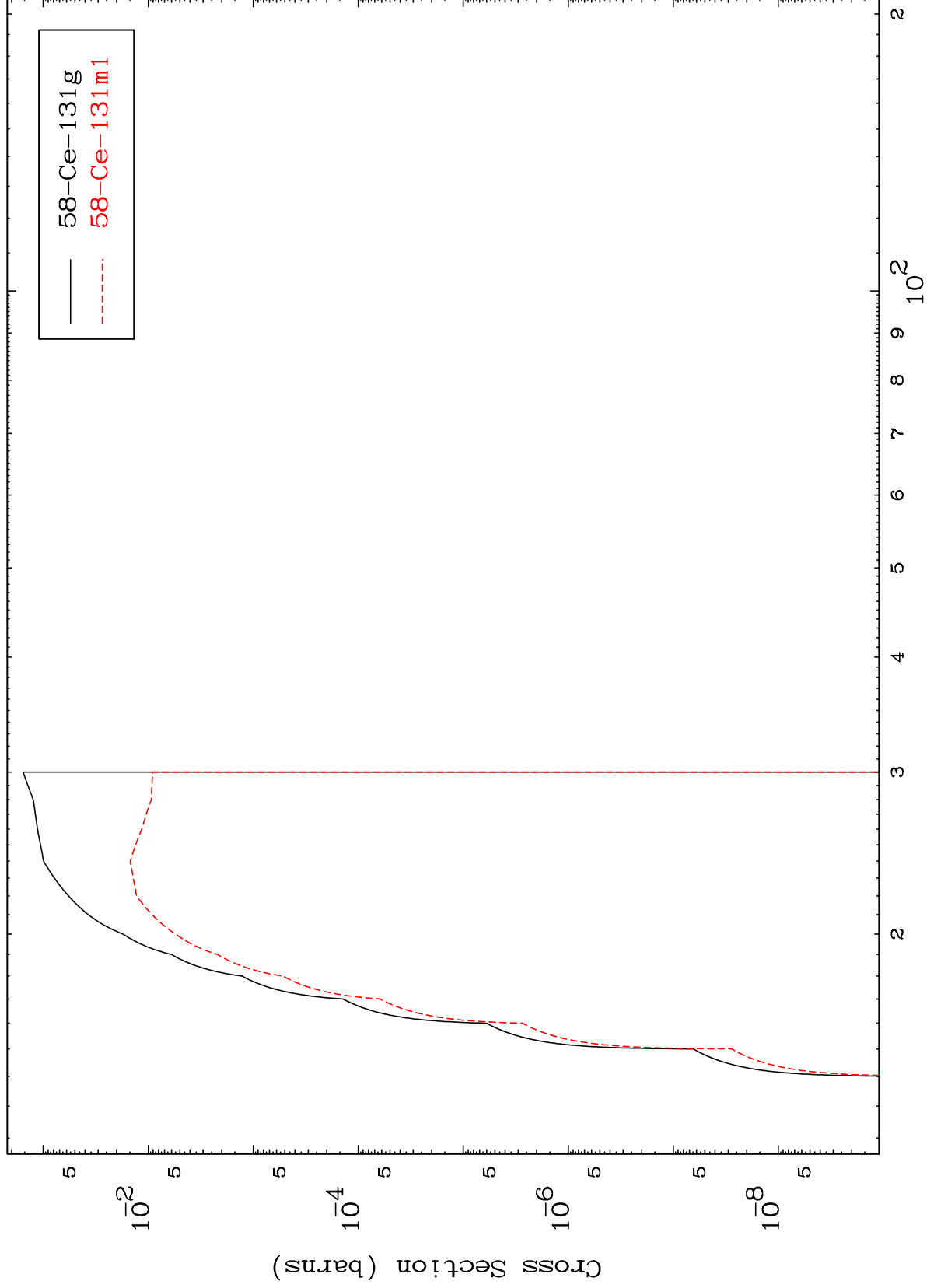




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58-Ce-129

Radionuclide Production Cross Section  
( $\alpha, 2p$ )



58-Ce-129

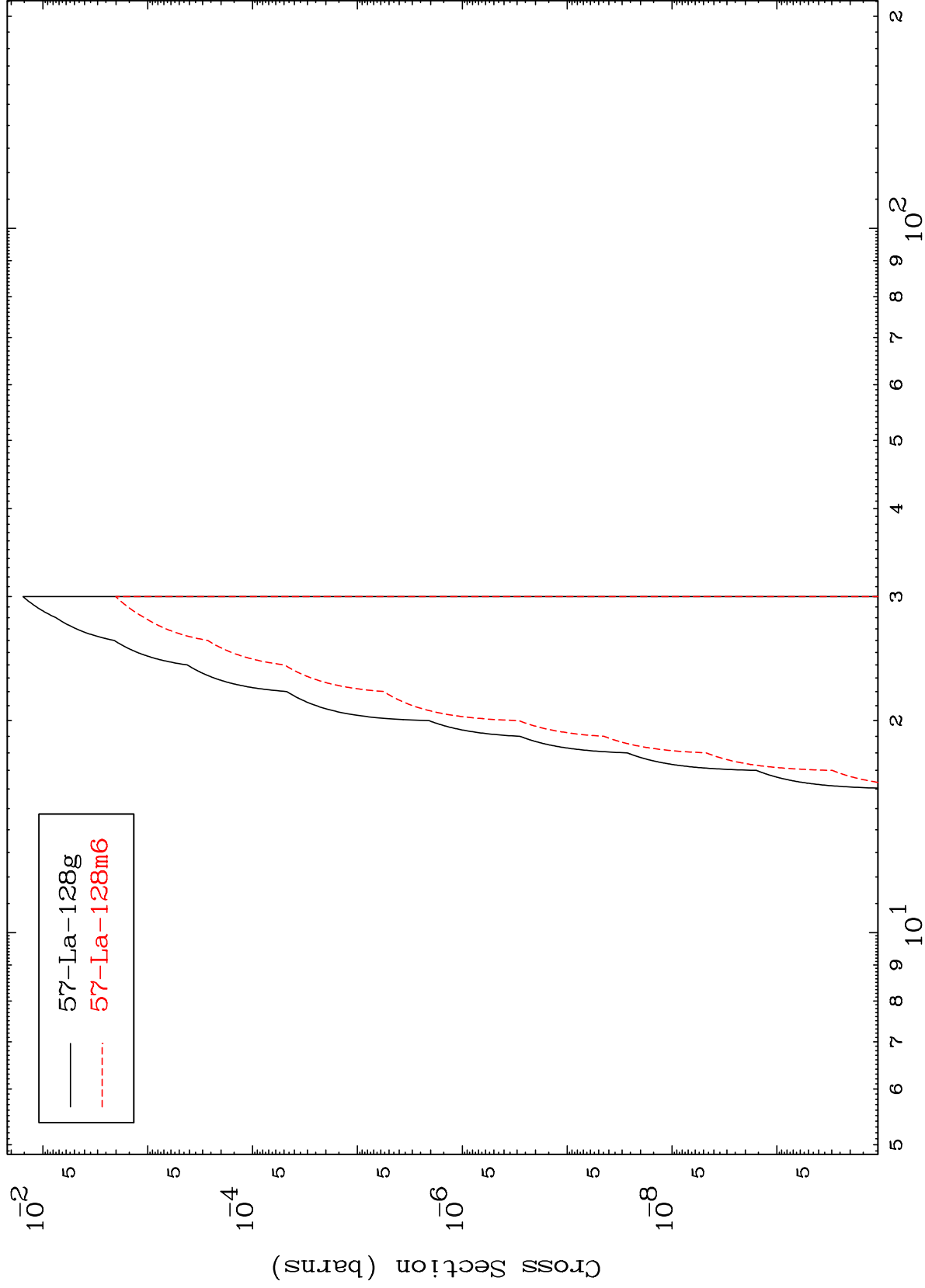
Incident Energy (MeV)

16

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58-Ce-129

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



17

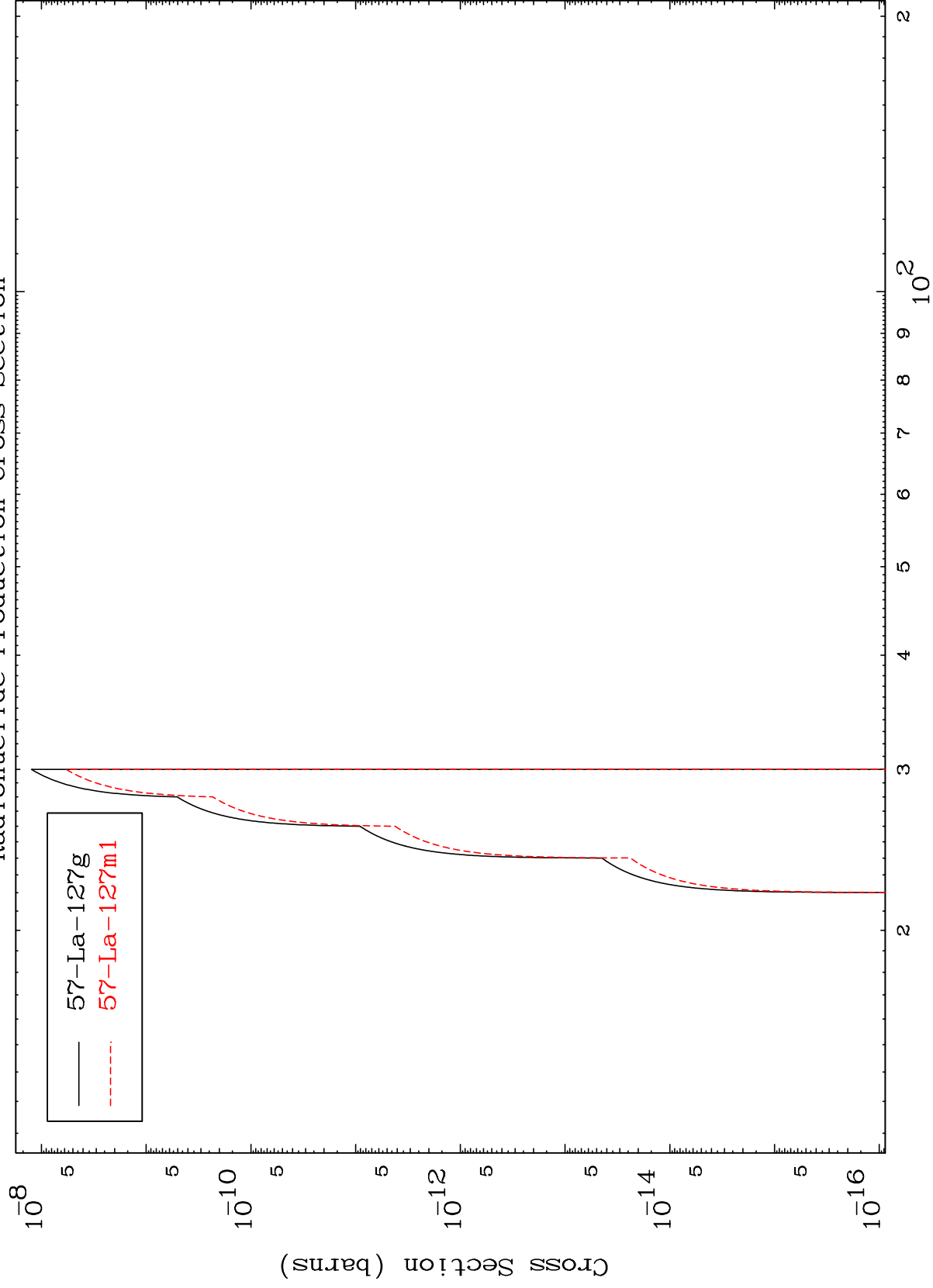
Incident Energy (MeV)

58-Ce-129

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58-Ce-129

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



18

Incident Energy (MeV)

58-Ce-129