

Program EVALPLOT  
(Version 2017-1)

by

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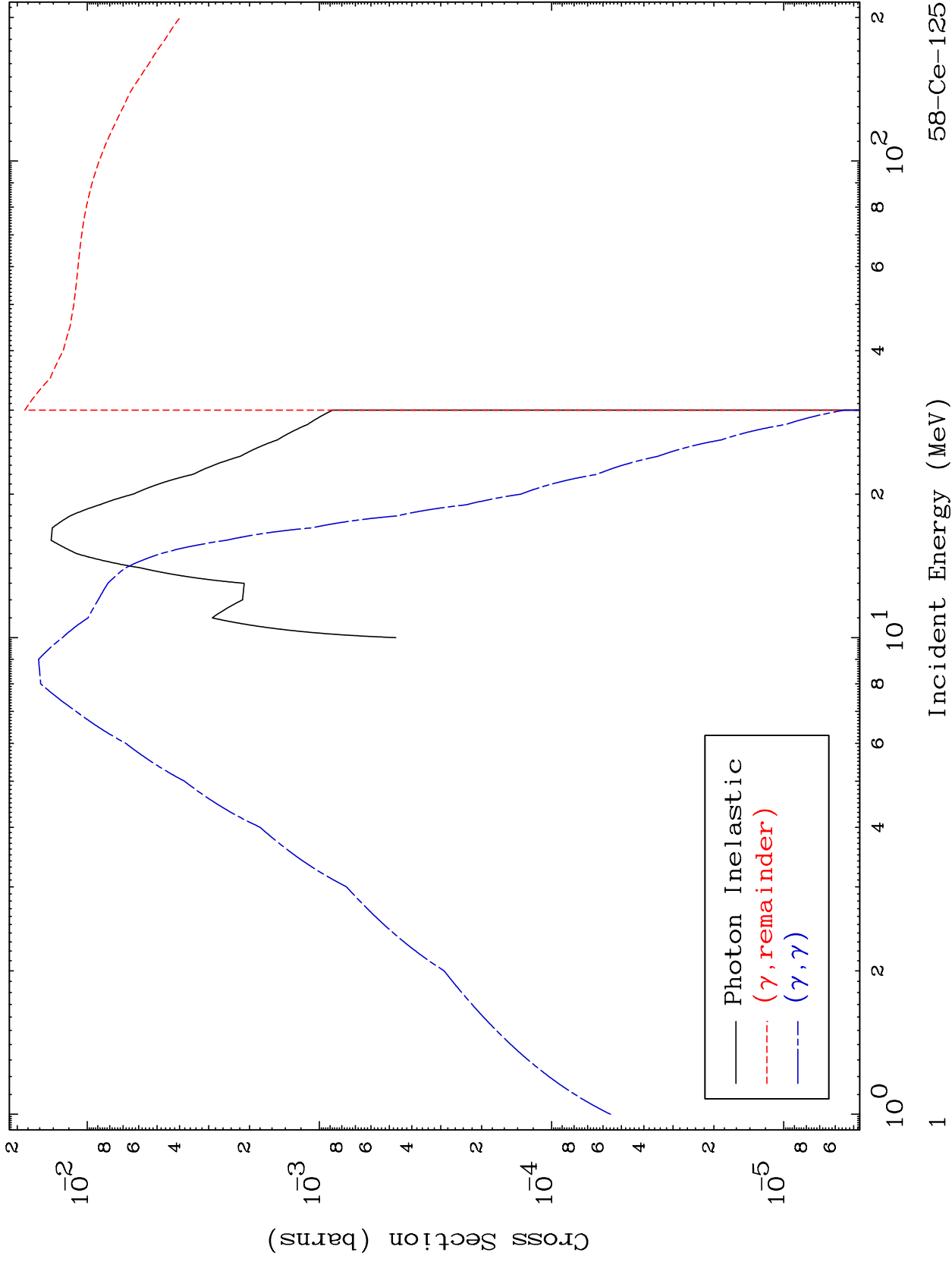
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5792

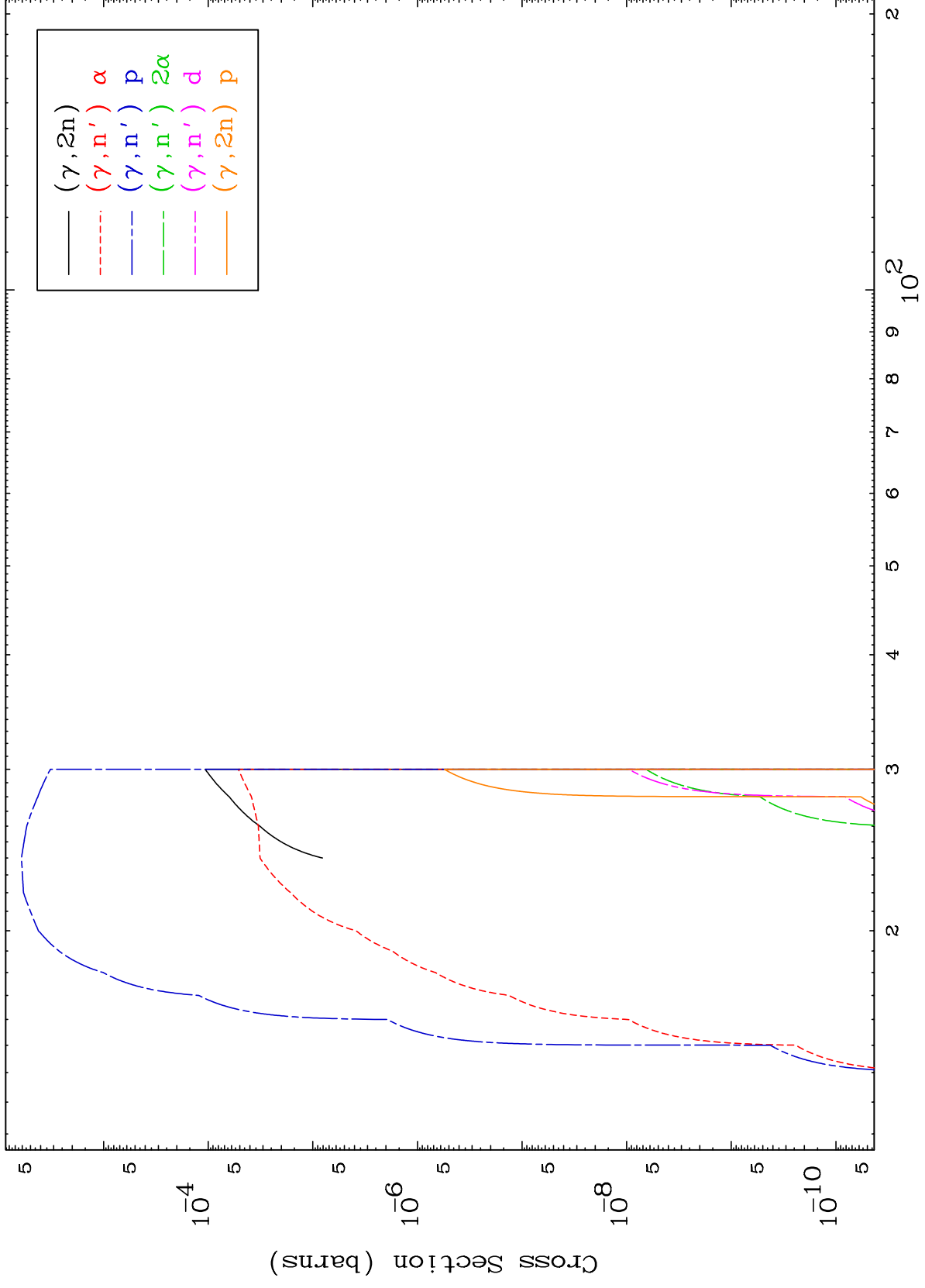
Photon Major  
0 Kelvin Cross Sections

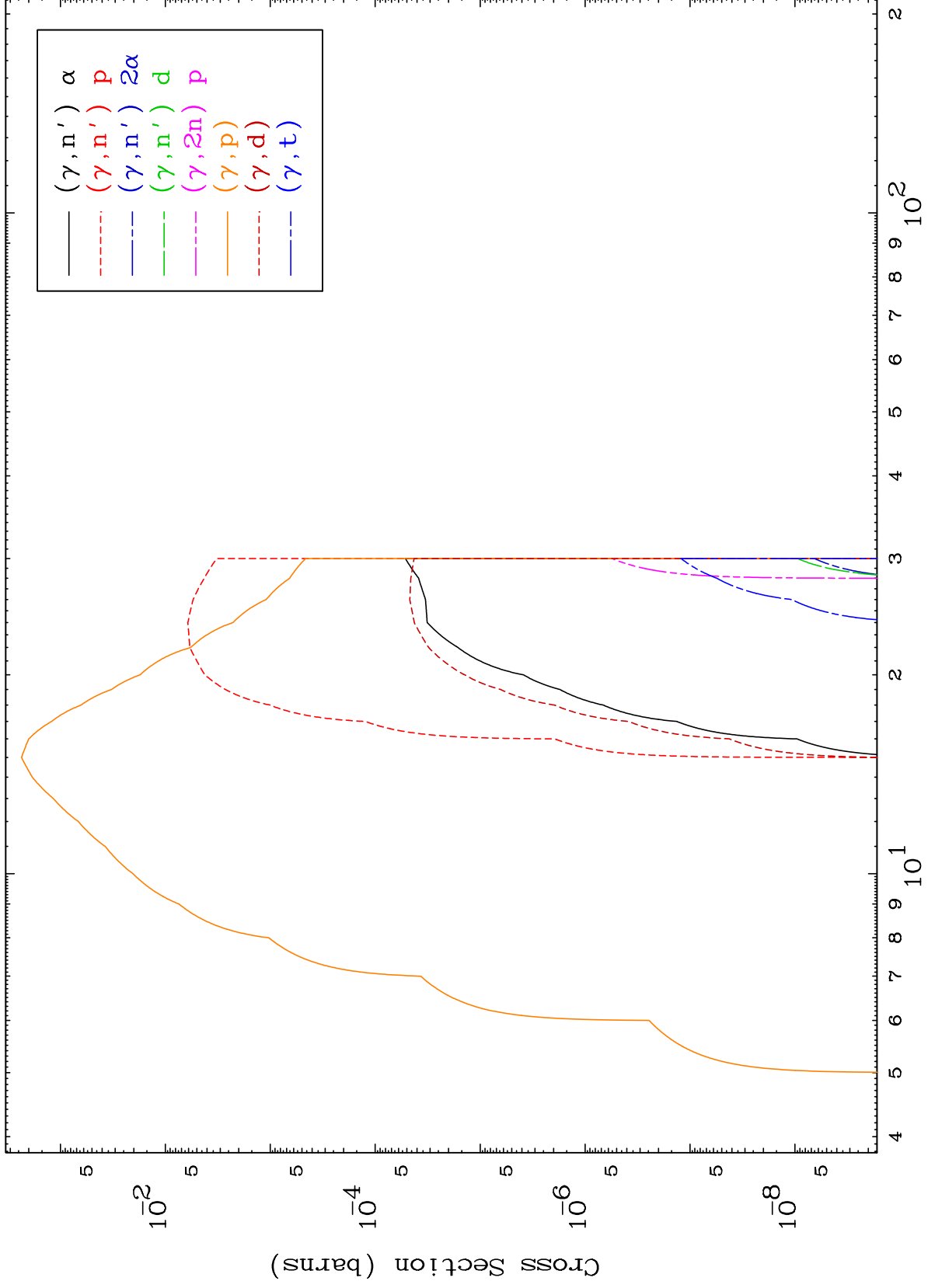
58-Ce-125



Incident Energy (MeV)

58-Ce-125

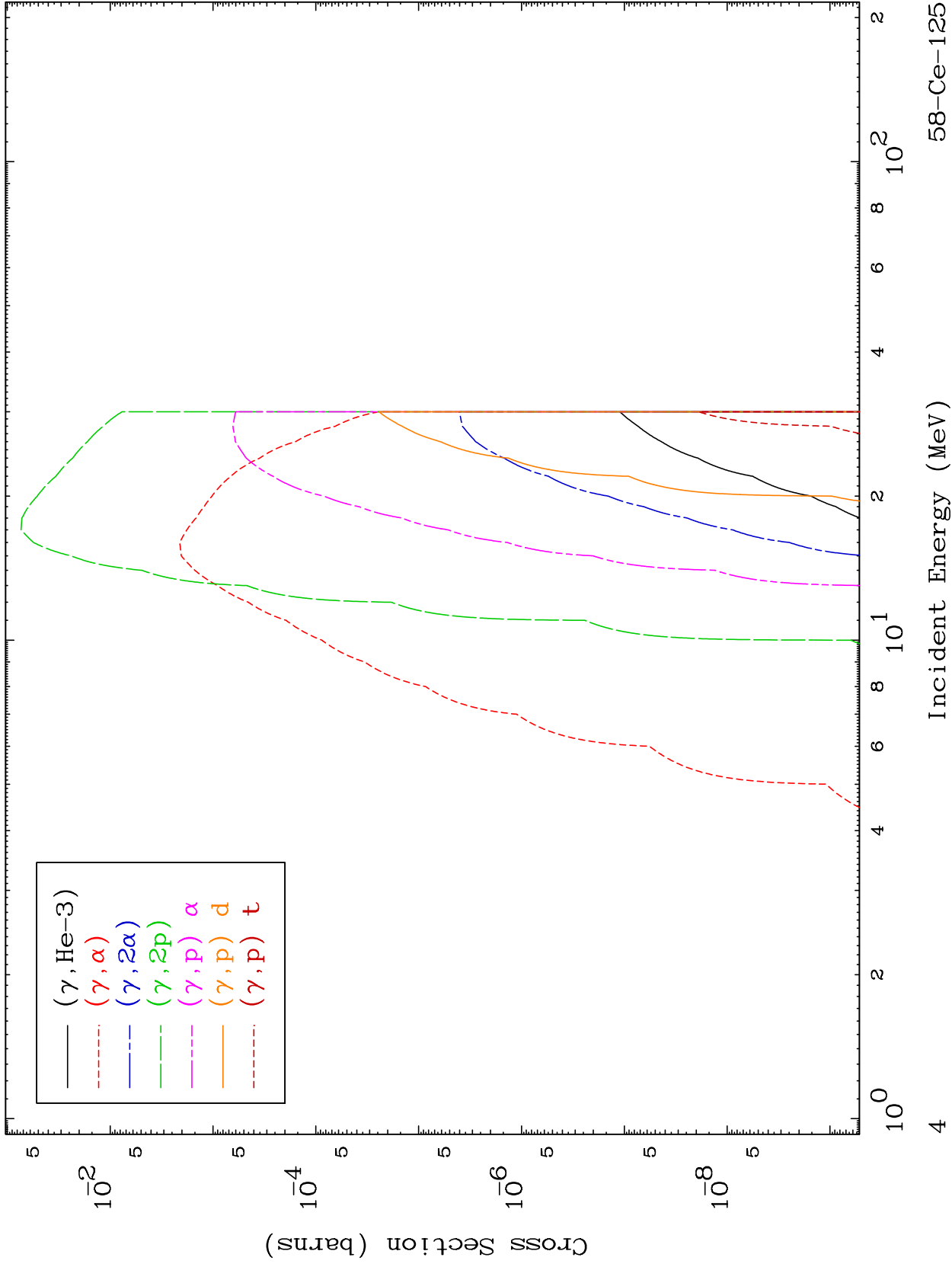




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Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-125



58-Ce-125

Incident Energy (MeV)

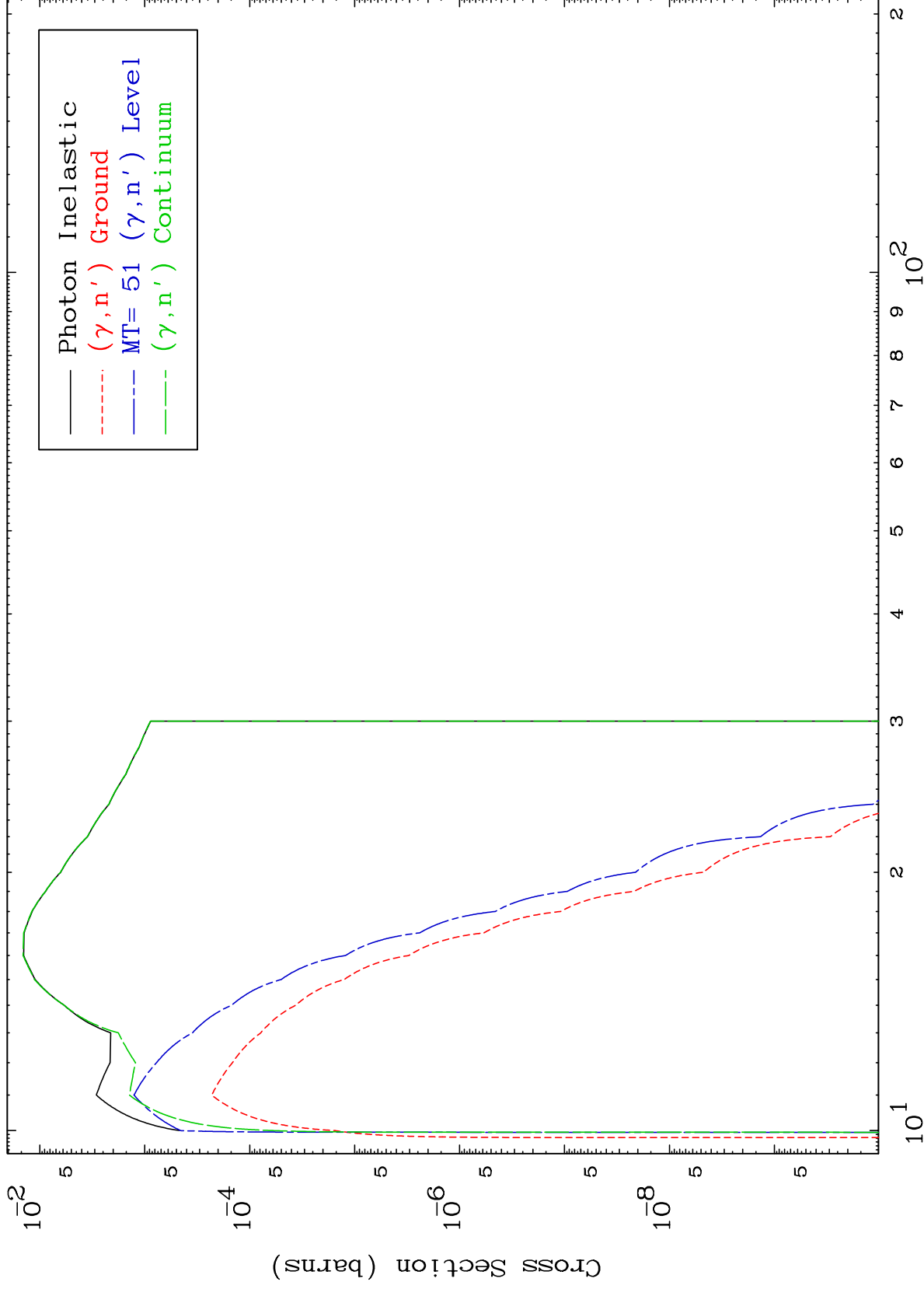
4

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$(\gamma, n')$  Level

58-Ce-125

0 Kelvin Cross Sections



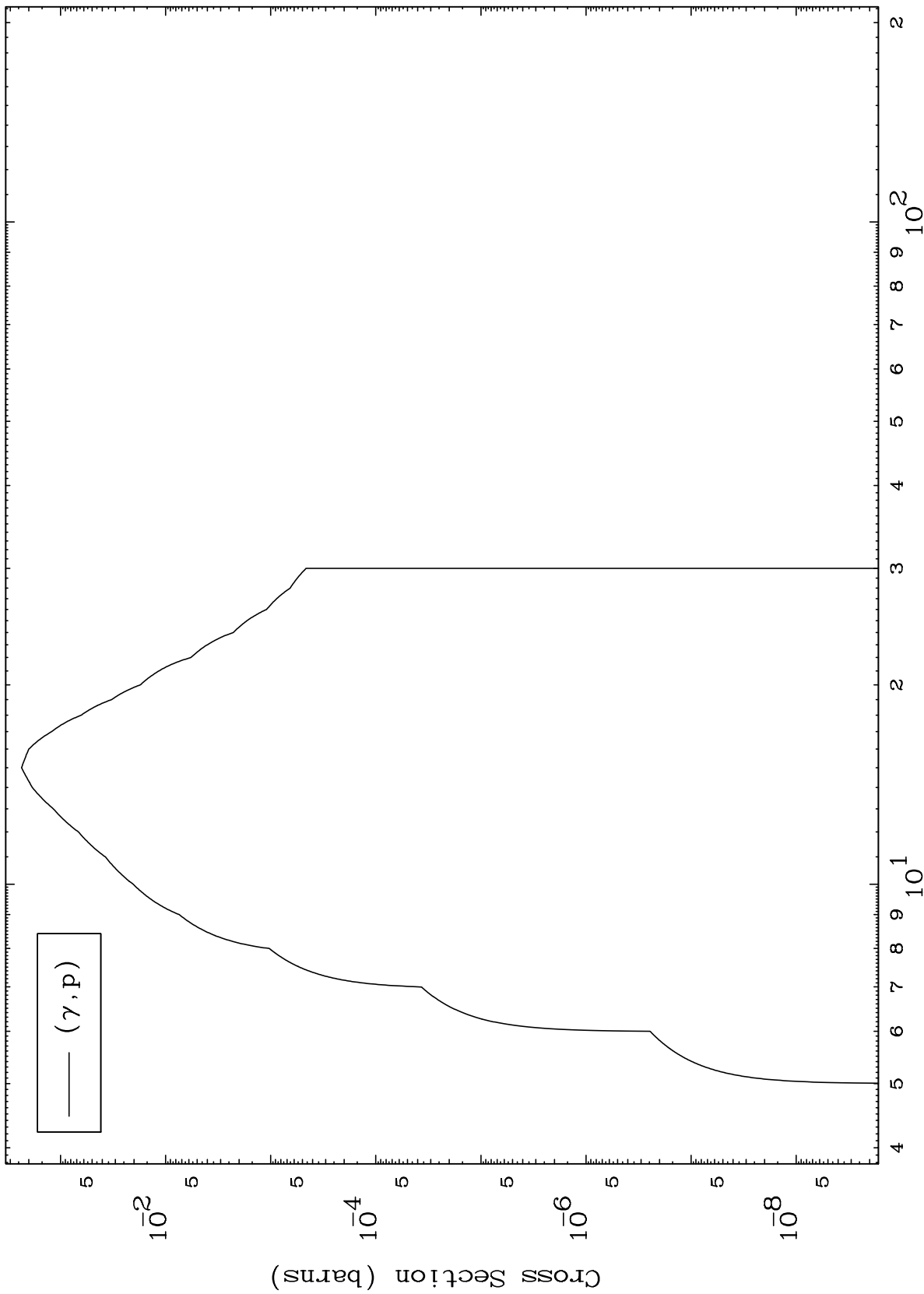
Incident Energy (MeV)

58-Ce-125

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58-Ce-125

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



58-Ce-125

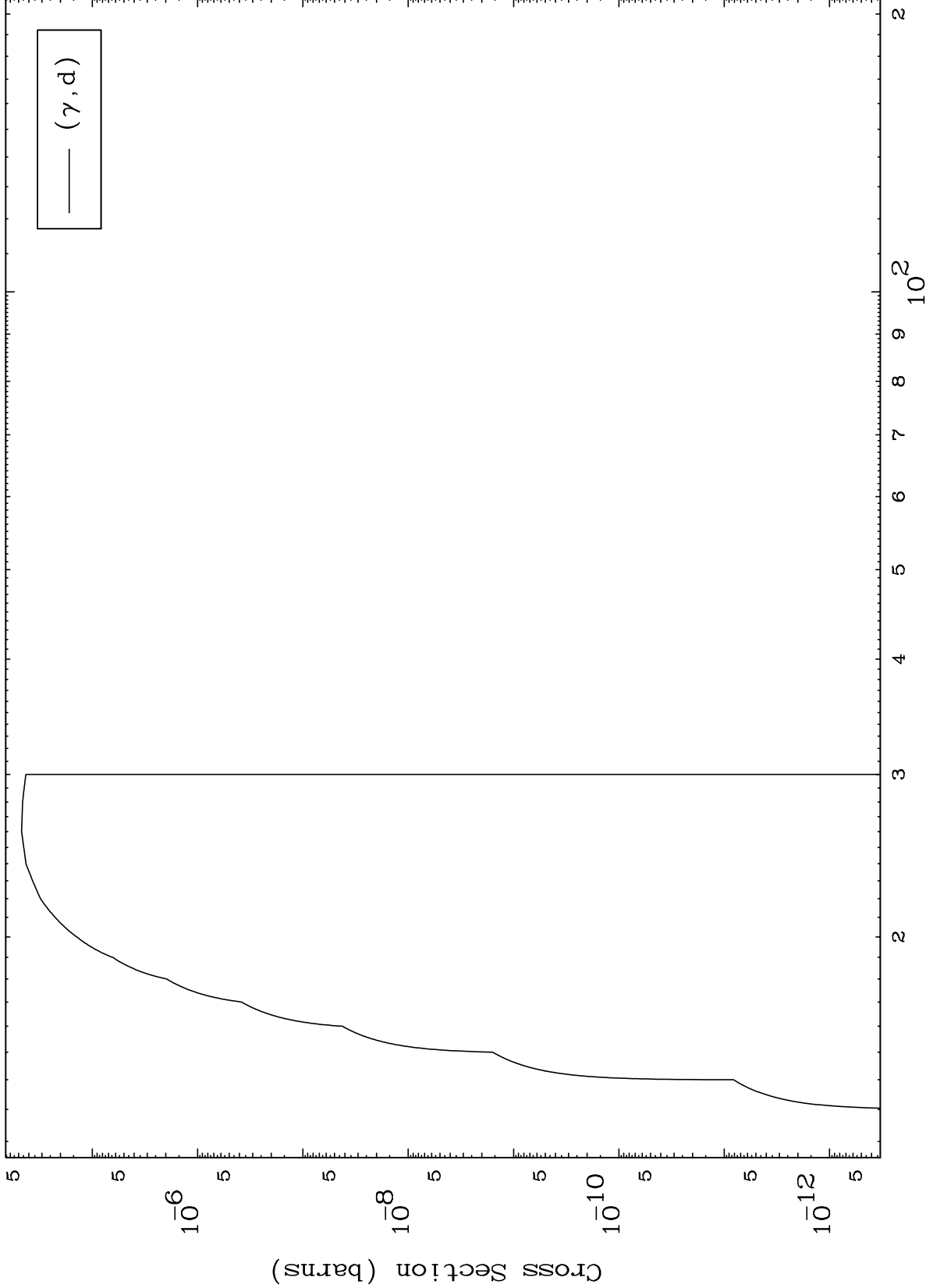
Incident Energy (MeV)

6

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

58-Ce-125

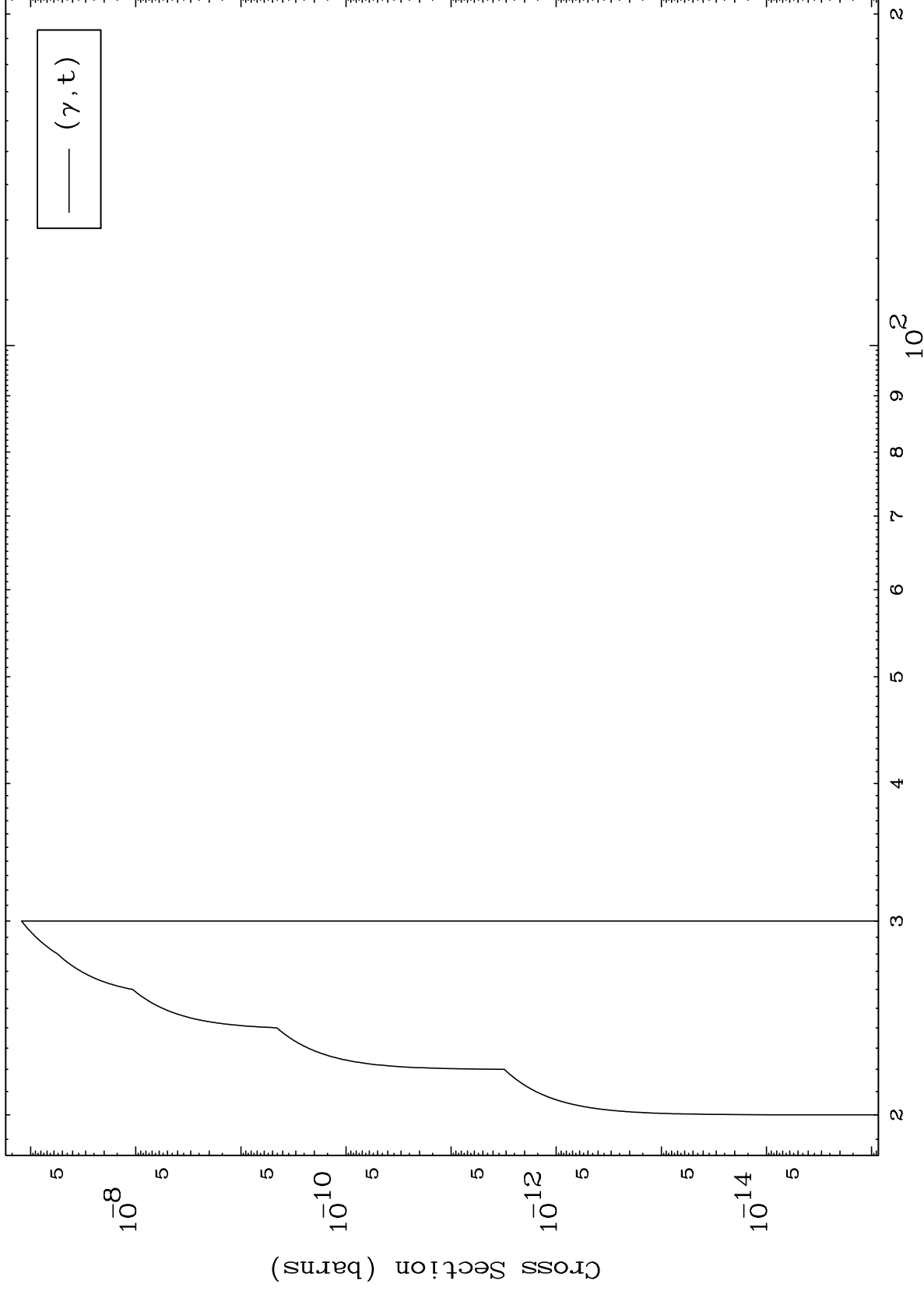




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( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

58-Ce-125



8

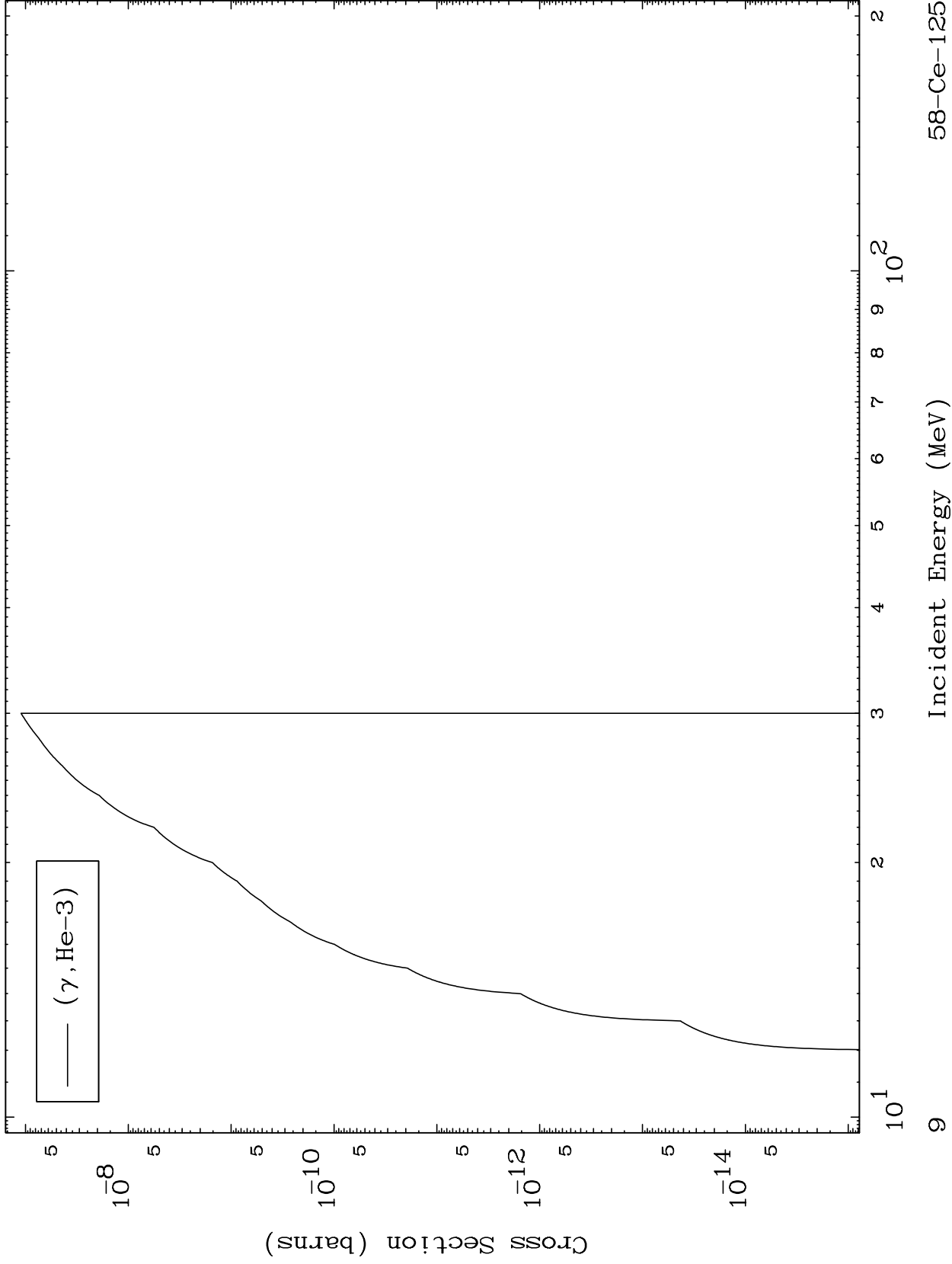
Incident Energy (MeV)

58-Ce-125

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( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

58-Ce-125

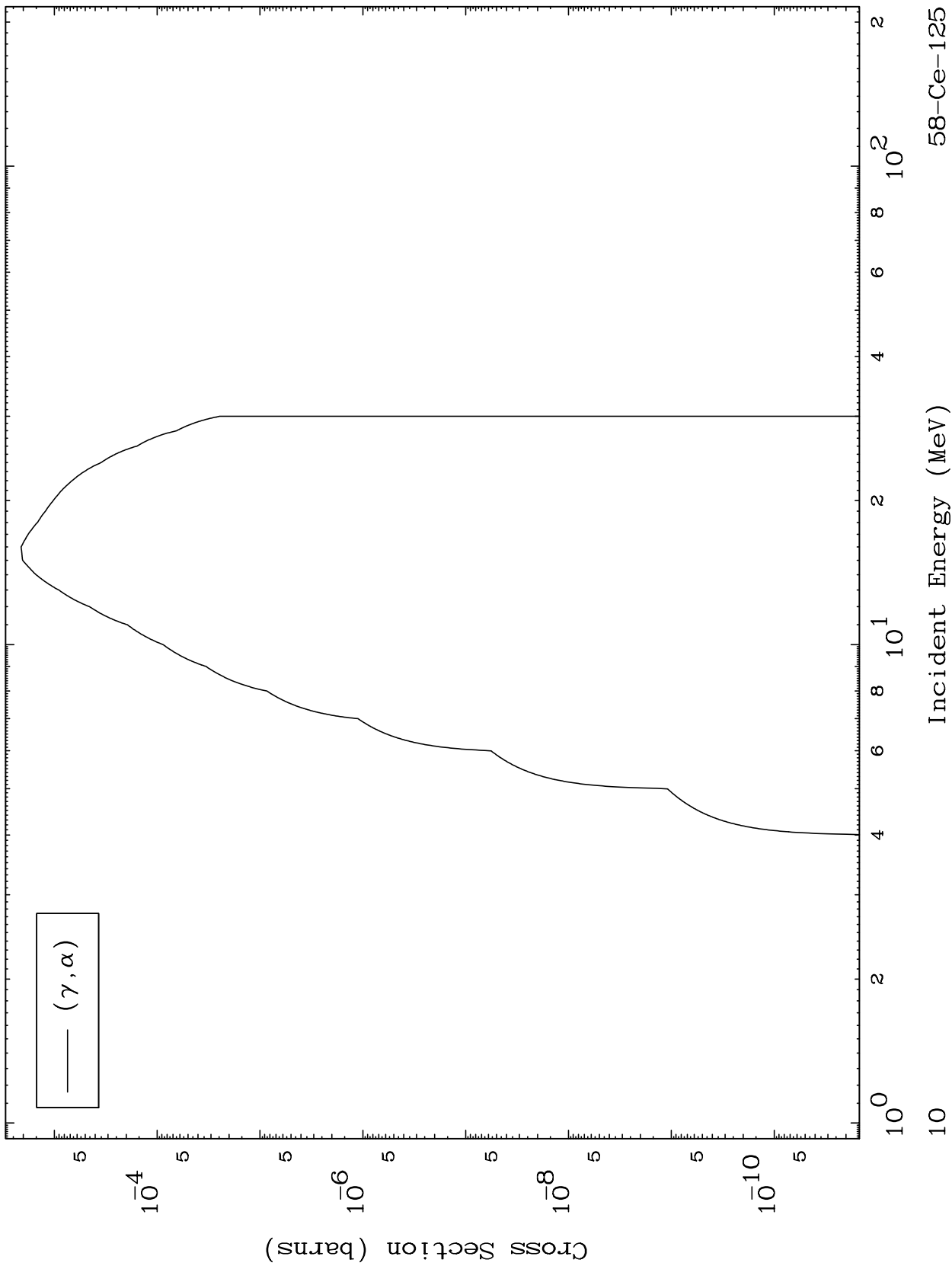


58-Ce-125

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58-Ce-125

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



58-Ce-125

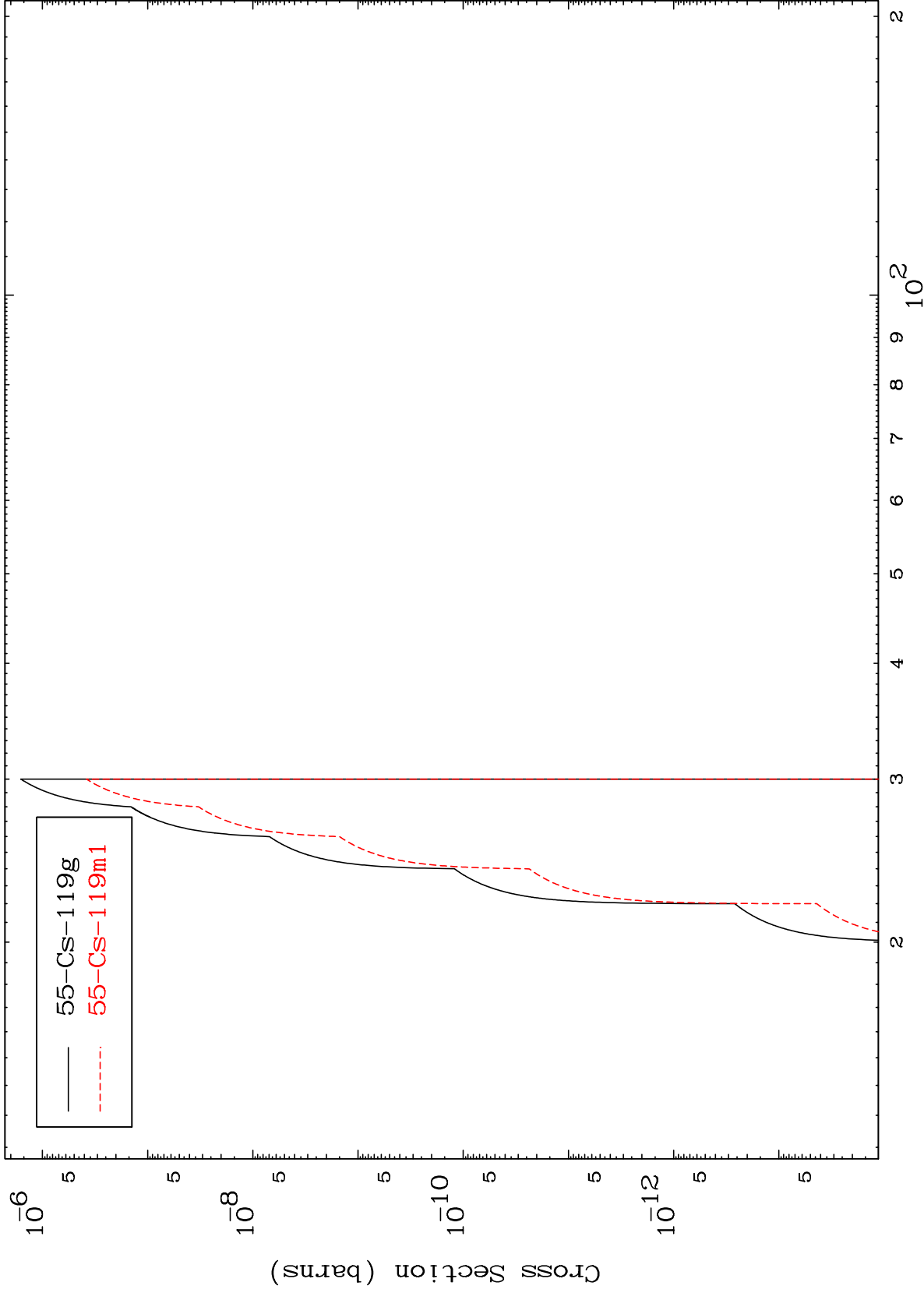
Incident Energy (MeV)

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( $\gamma, n'$ ) p  $\alpha$

58-Ce-125

Radionuclide Production Cross Section



11

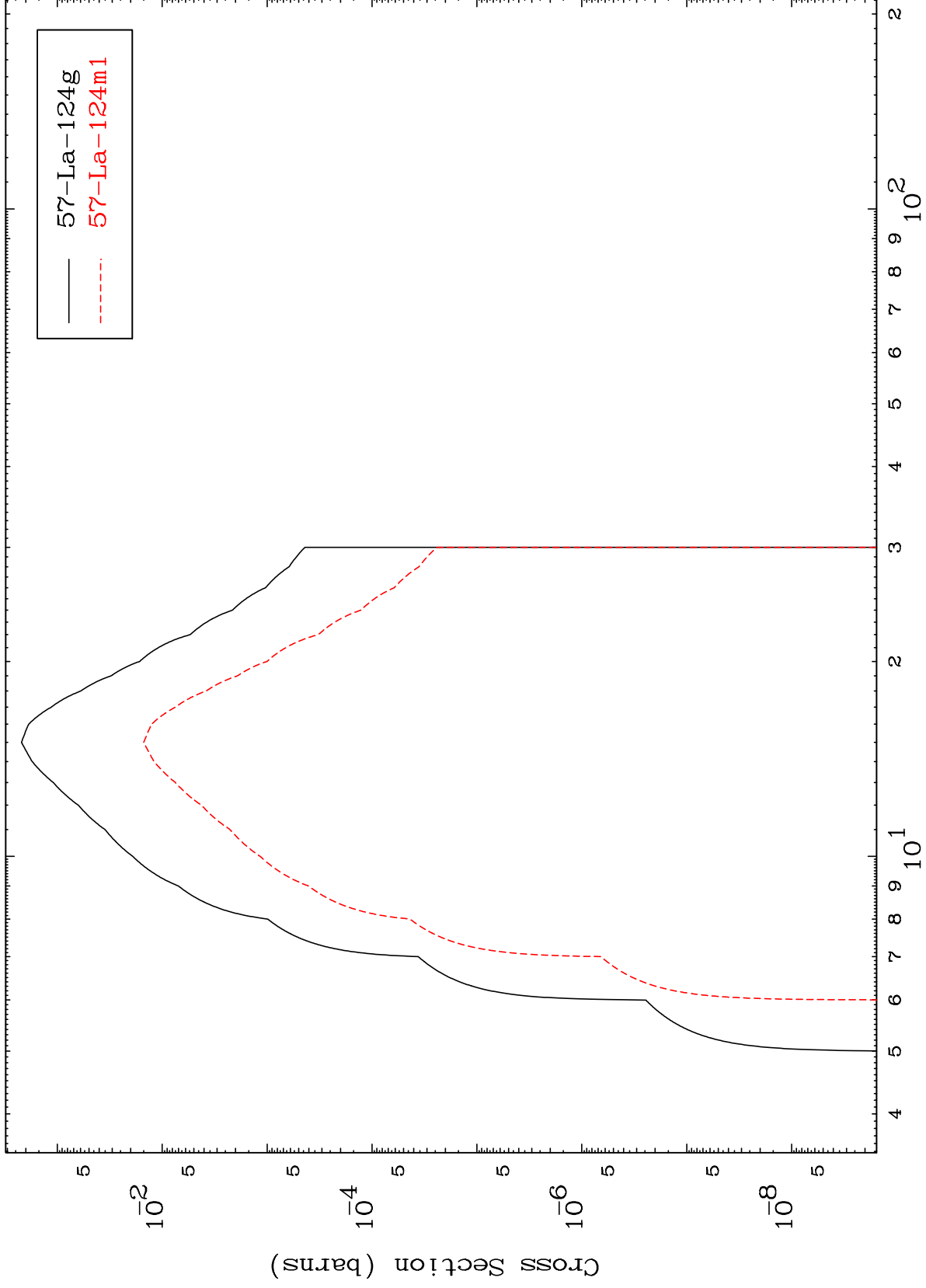
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

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



58-Ce-125

Incident Energy (MeV)

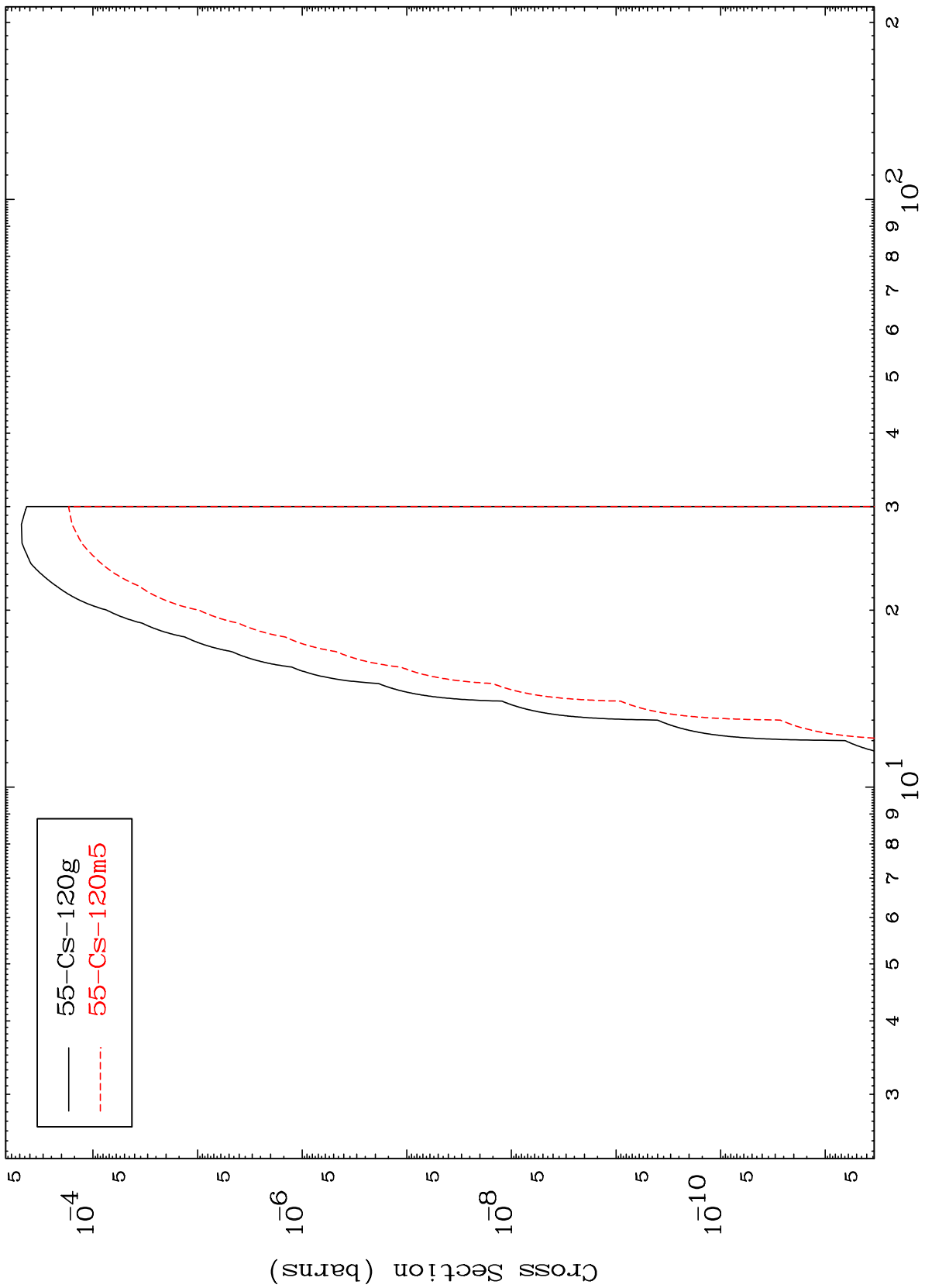
12

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58-Ce-125

( $\gamma, p$ )  $\alpha$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

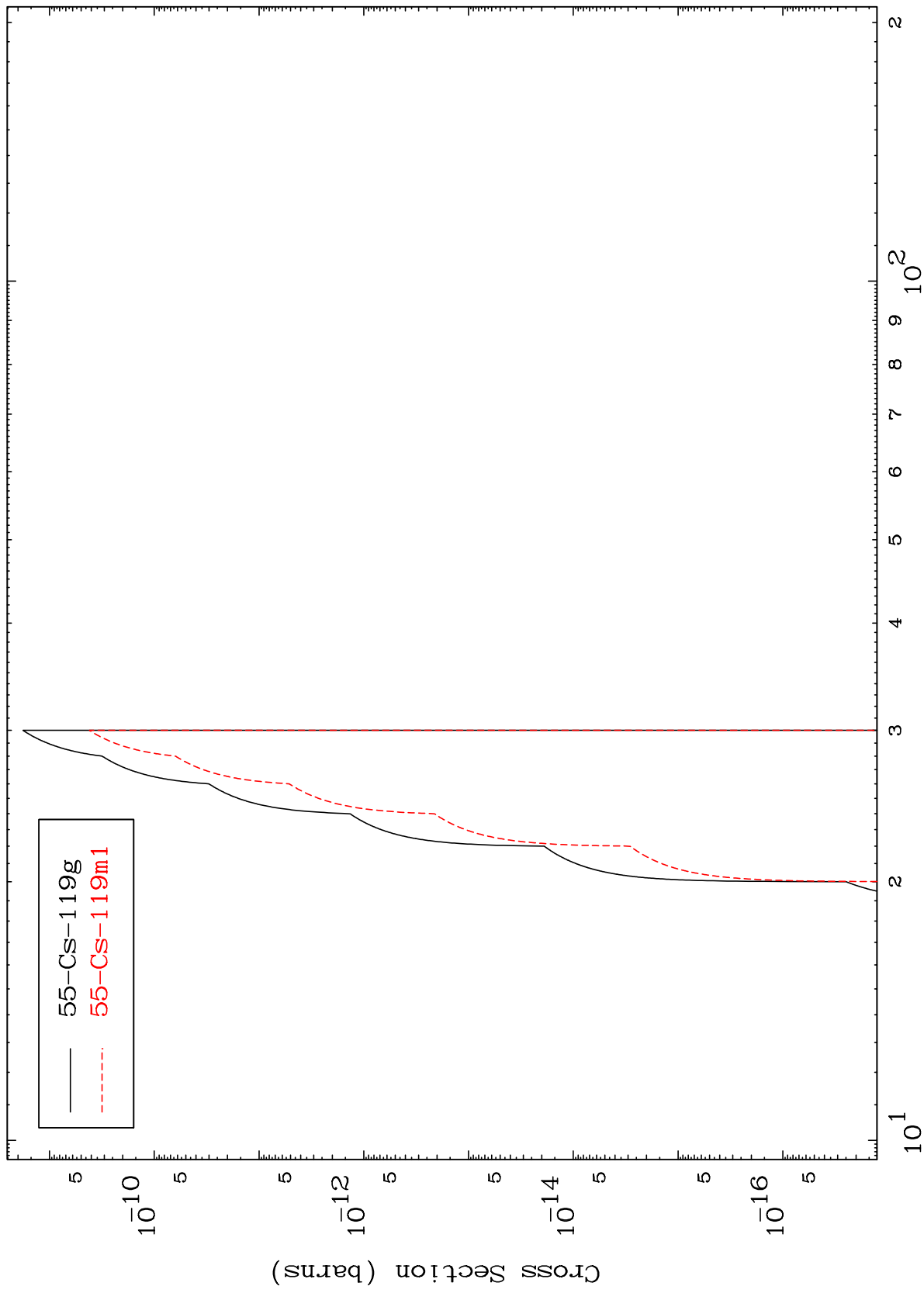
58-Ce-125

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58-Ce-125

( $\gamma, d$ )  $\alpha$

Radionuclide Production Cross Section



58-Ce-125

Incident Energy (MeV)

14