

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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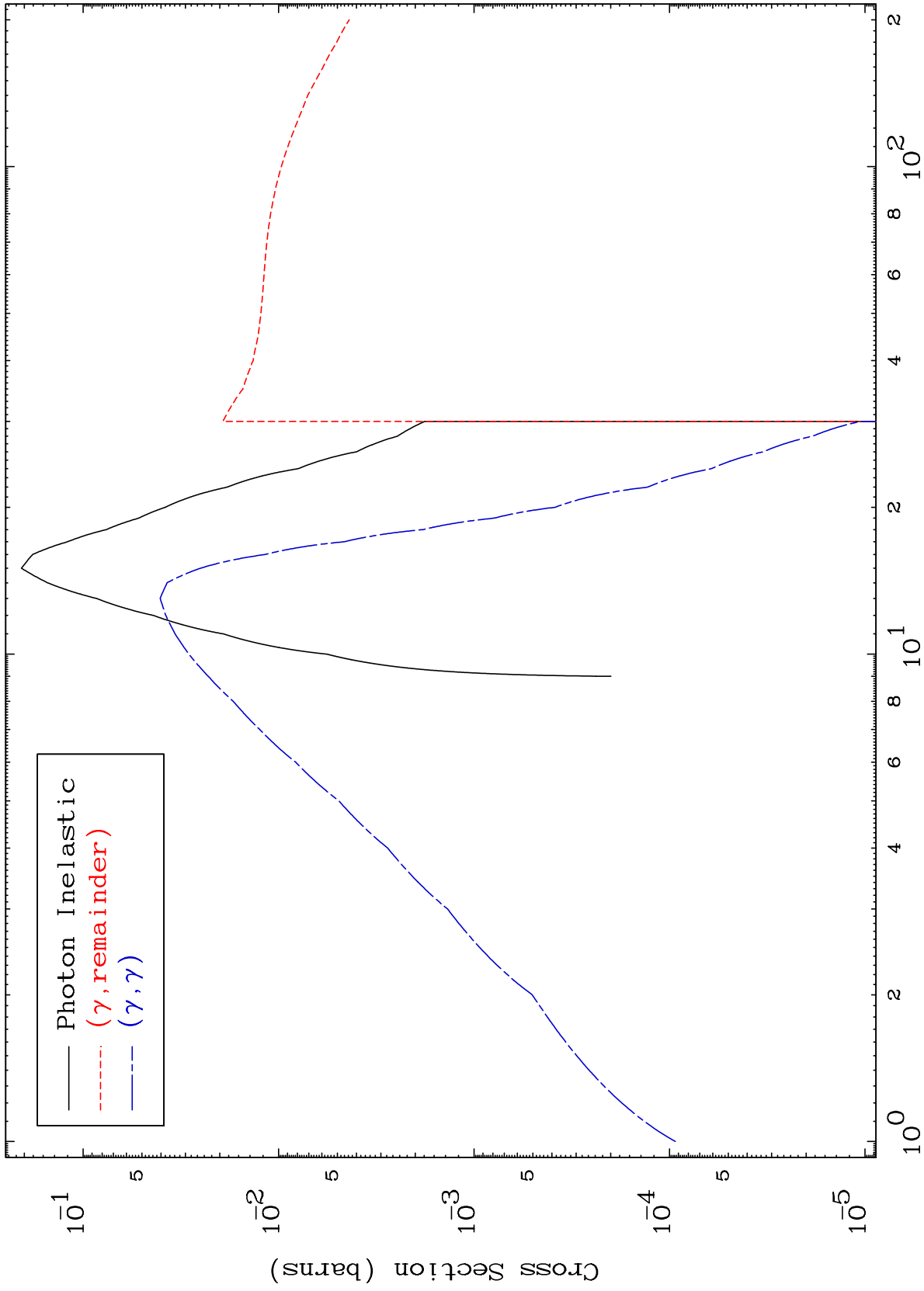
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6123

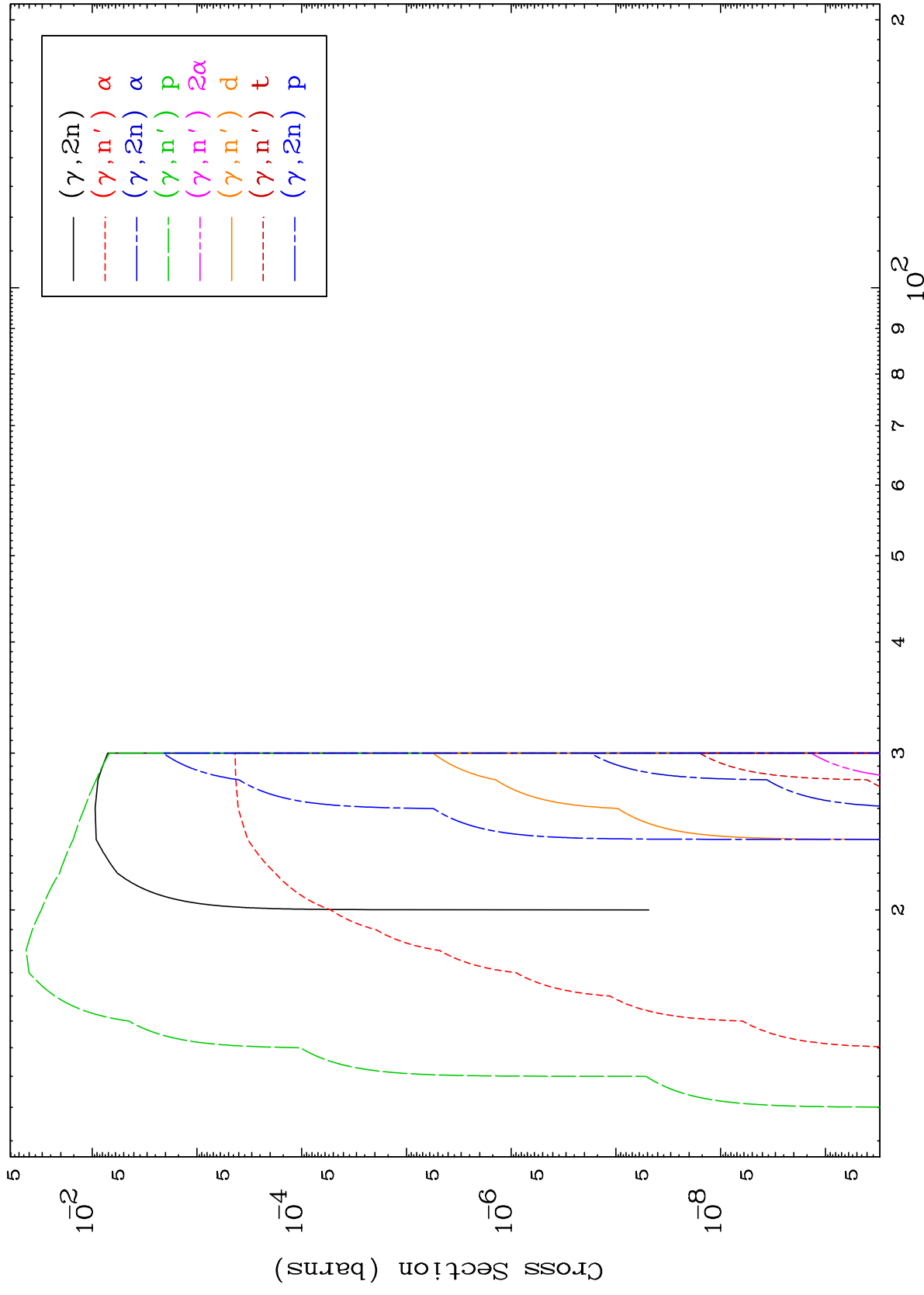
Photon Major  
0 Kelvin Cross Sections

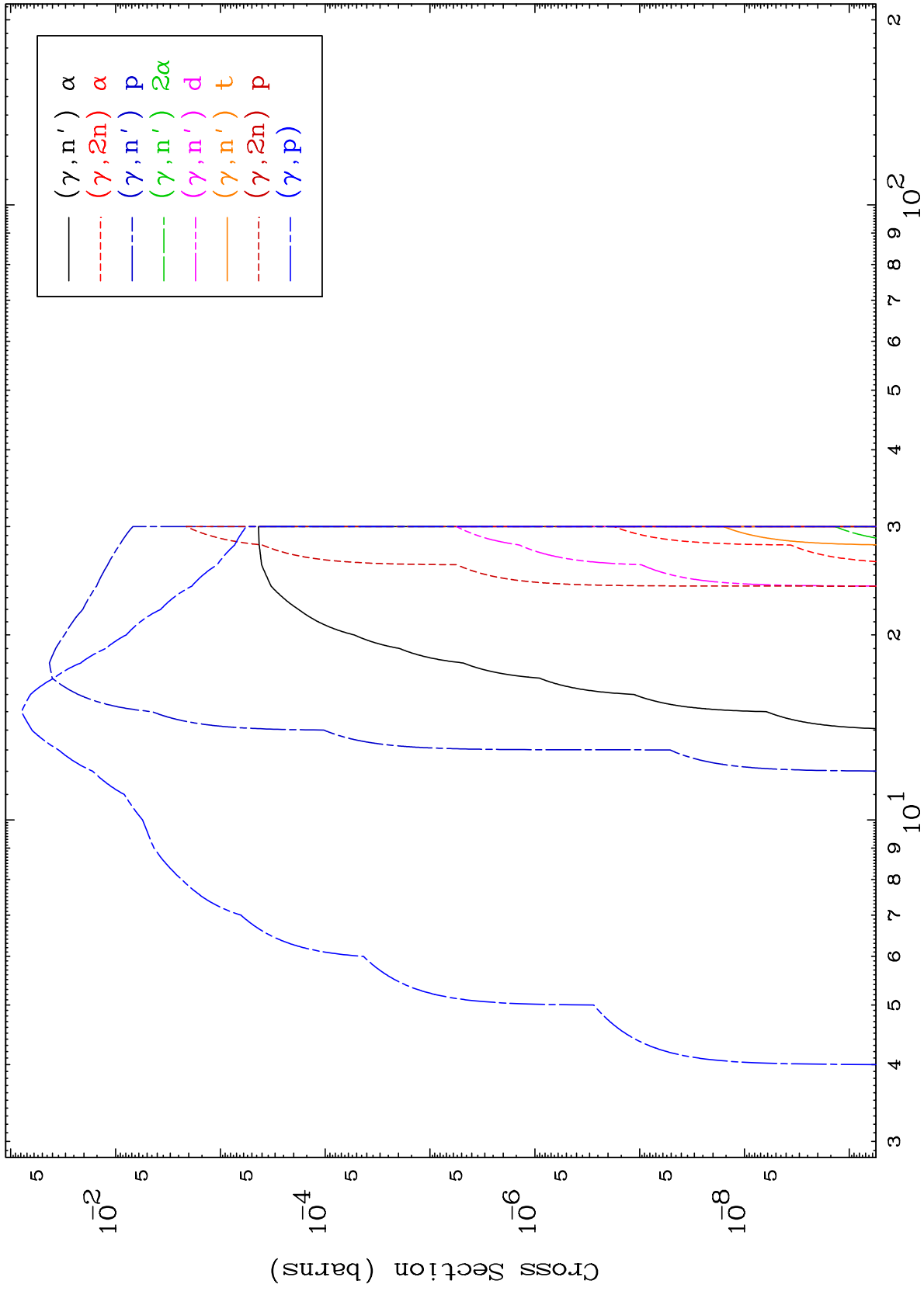
61-Pm-138

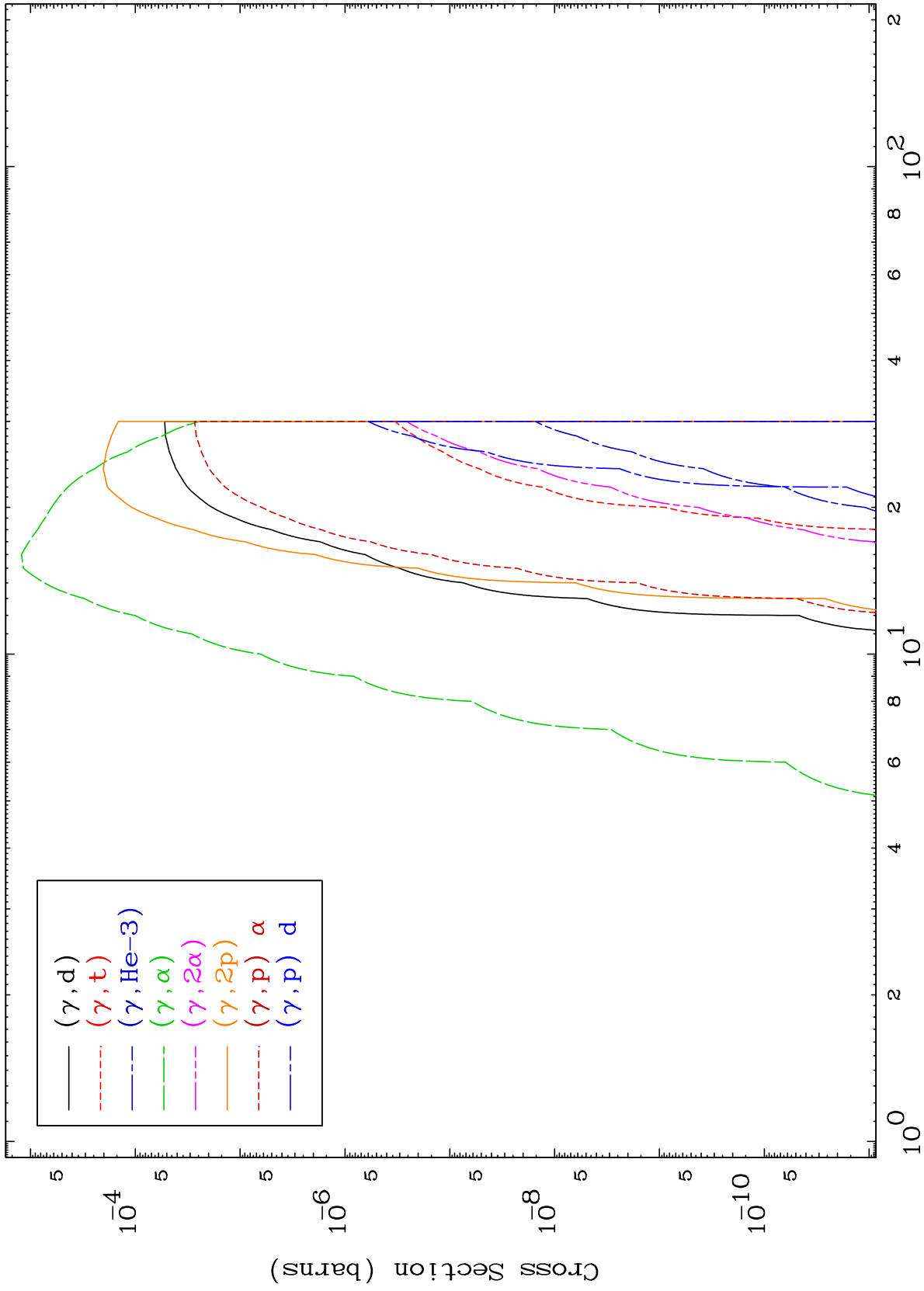


Incident Energy (MeV)

61-Pm-138



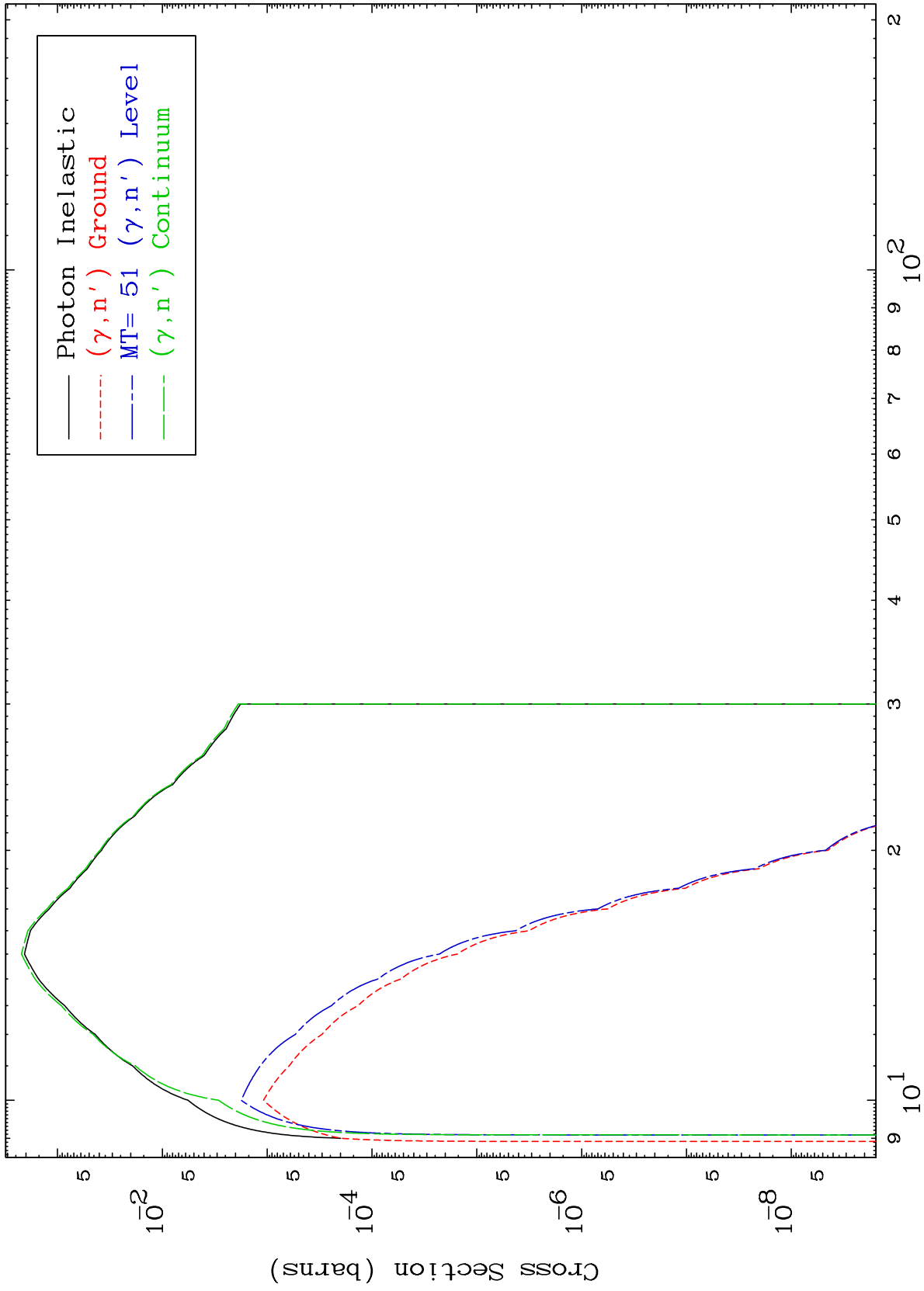




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$(\gamma, n')$  Level  
0 Kelvin Cross Sections

61-Pm-138



5

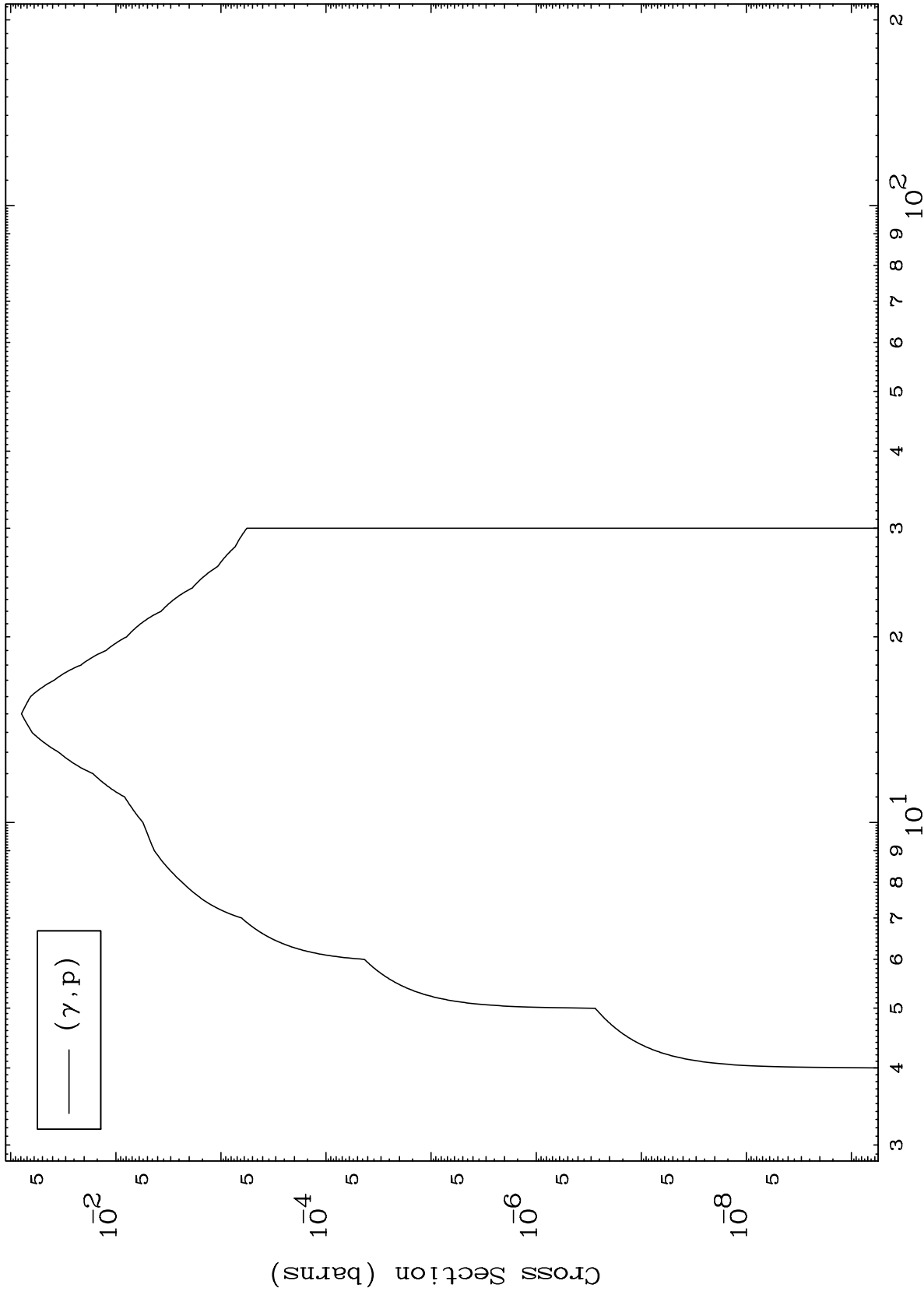
Incident Energy (MeV)

61-Pm-138

MAT 6123

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

61-Pm-138



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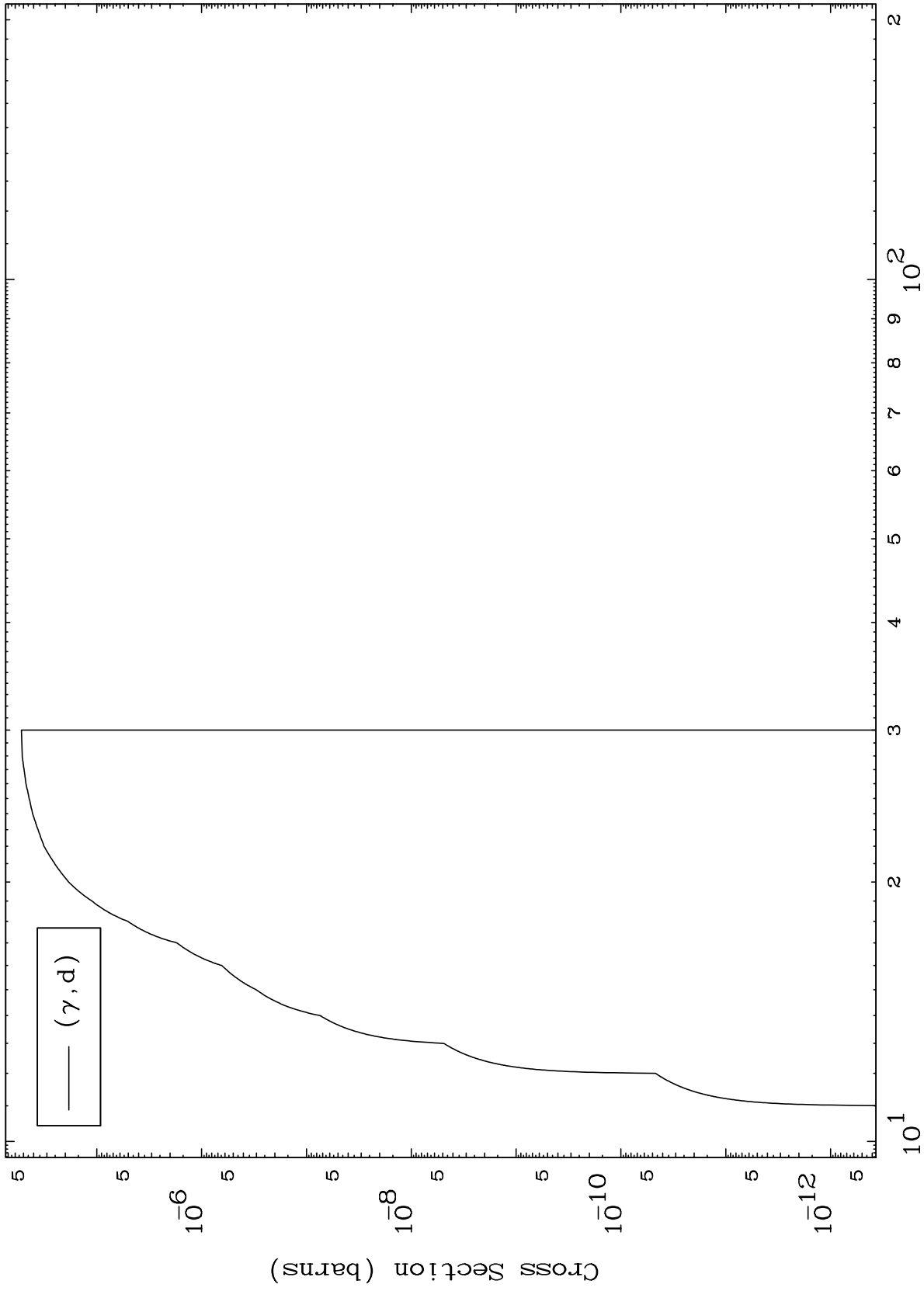
Incident Energy (MeV)

61-Pm-138

MAT 6123

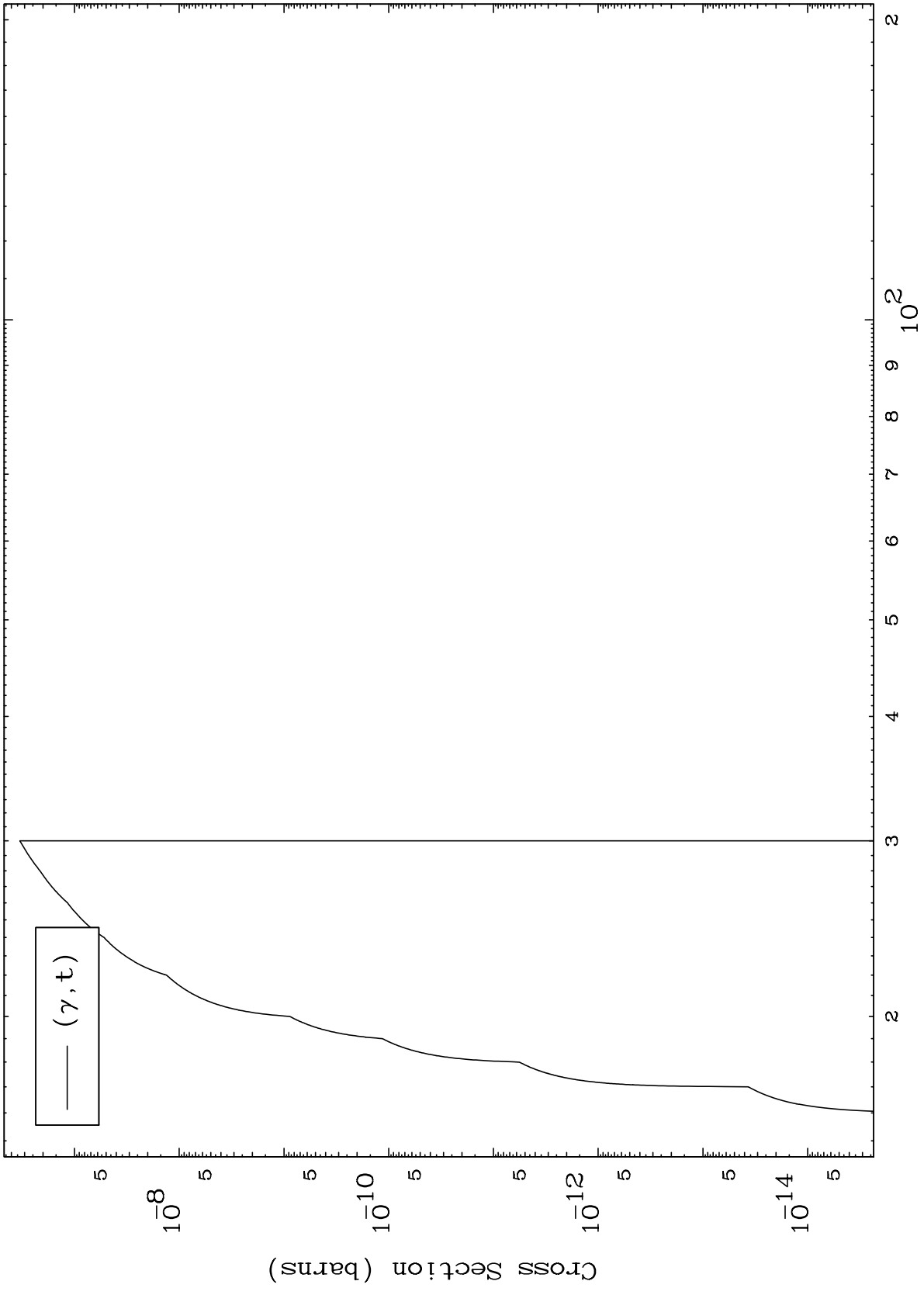
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

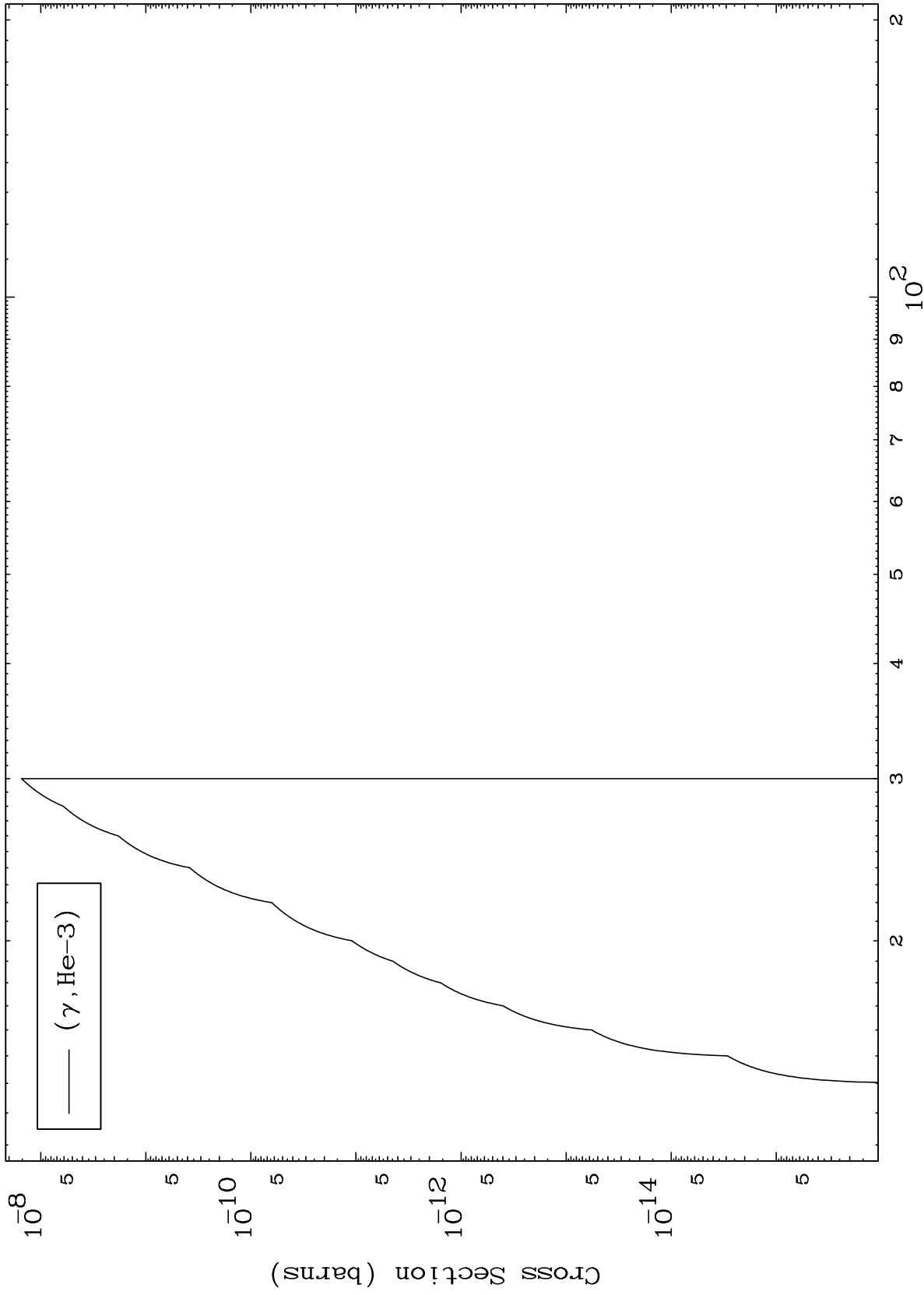
61-Pm-138



Incident Energy (MeV)

61-Pm-138

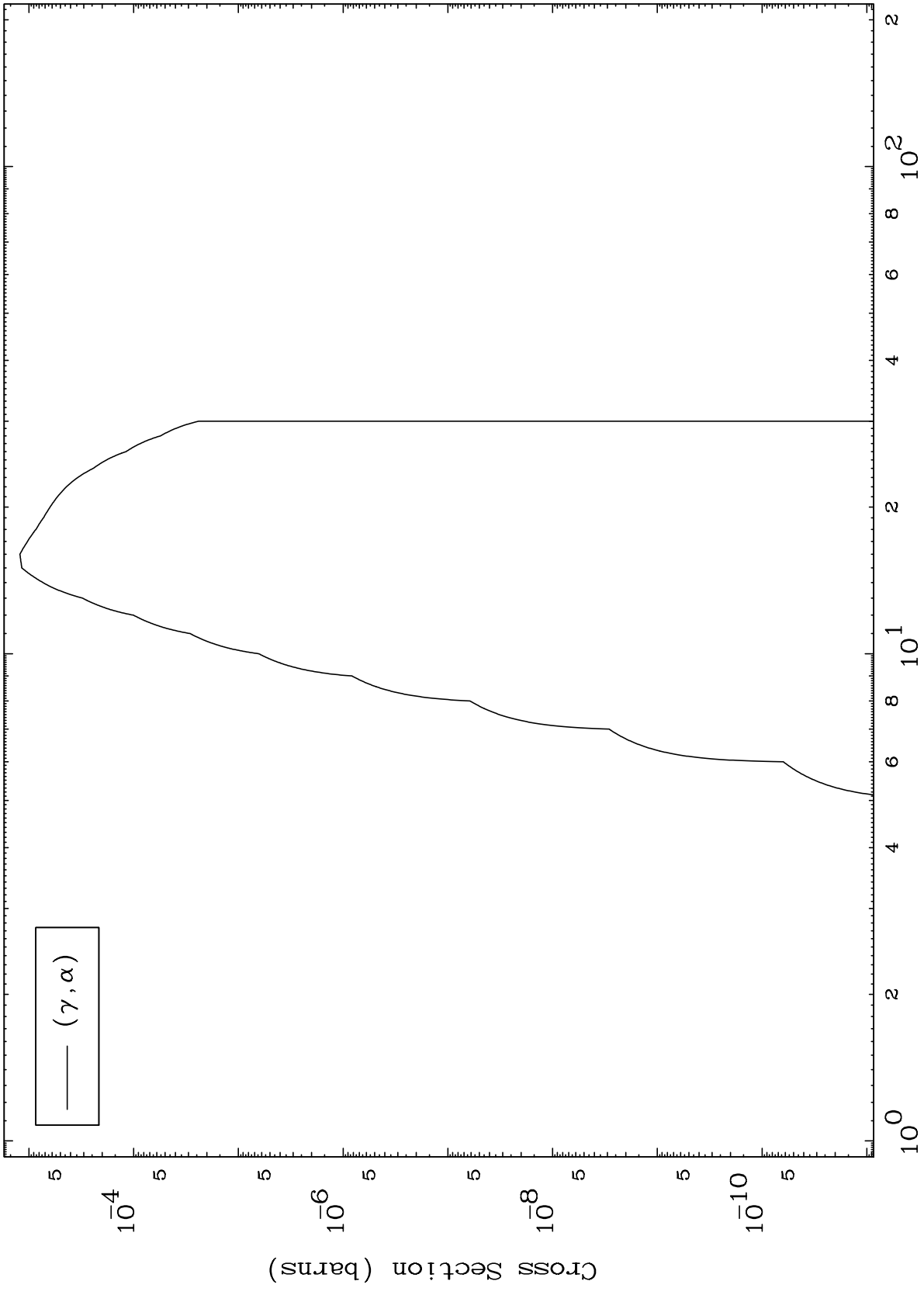




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( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

61-Pm-138



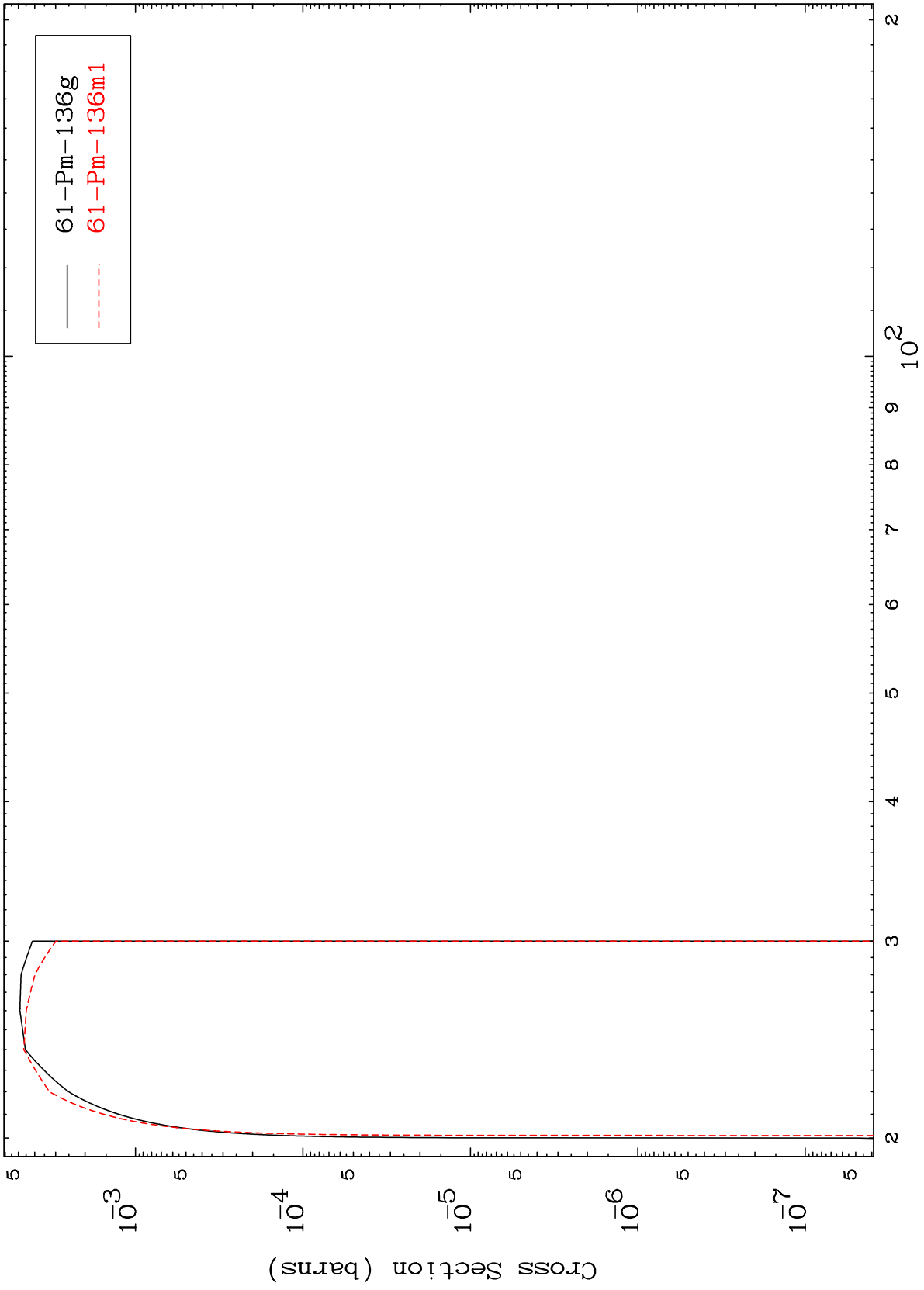
Incident Energy (MeV)

61-Pm-138

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61-Pm-138

( $\gamma, 2n$ )  
Radionuclide Production Cross Section



11

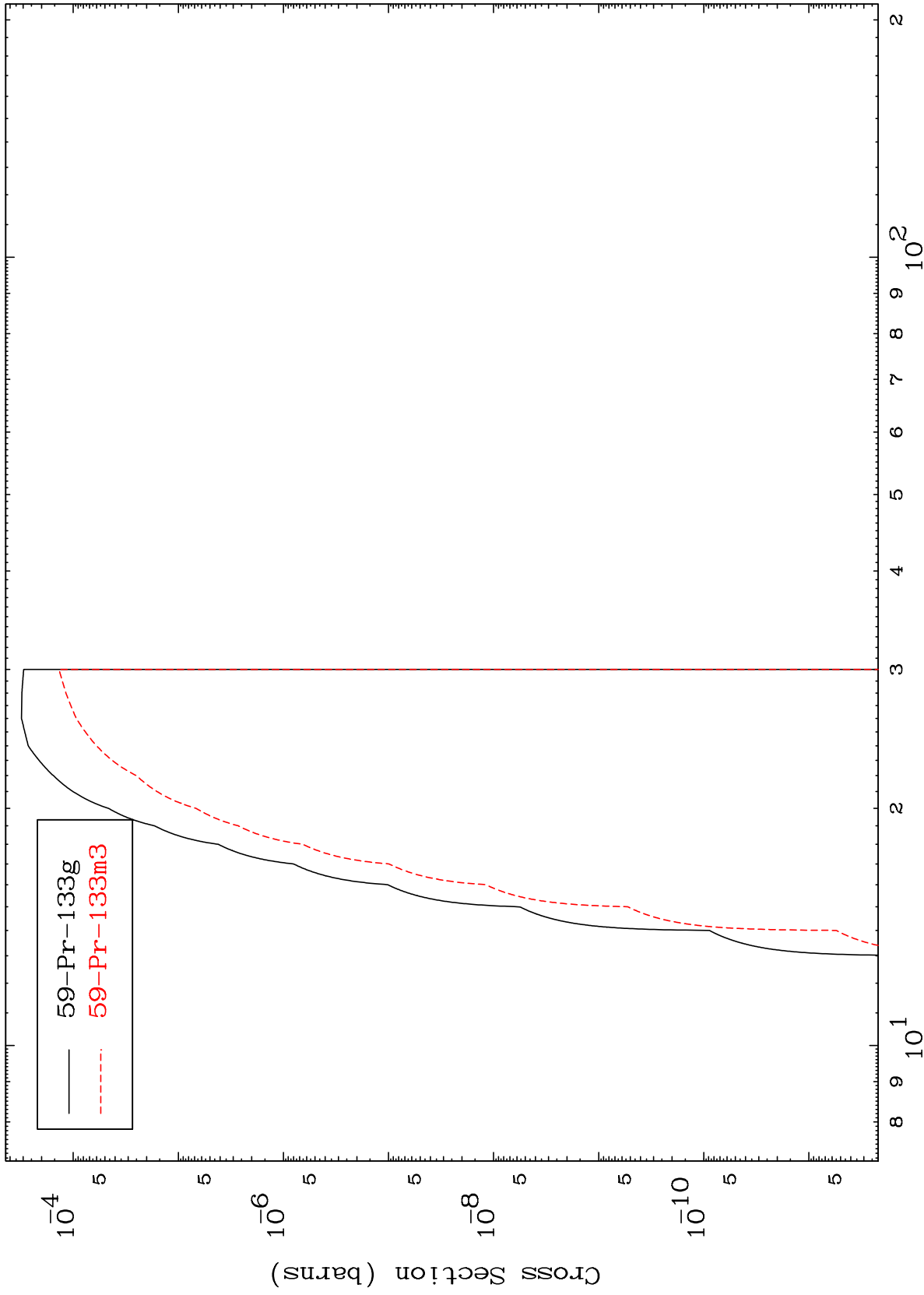
Incident Energy (MeV)

61-Pm-138

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61-Pm-138

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



12

Incident Energy (MeV)

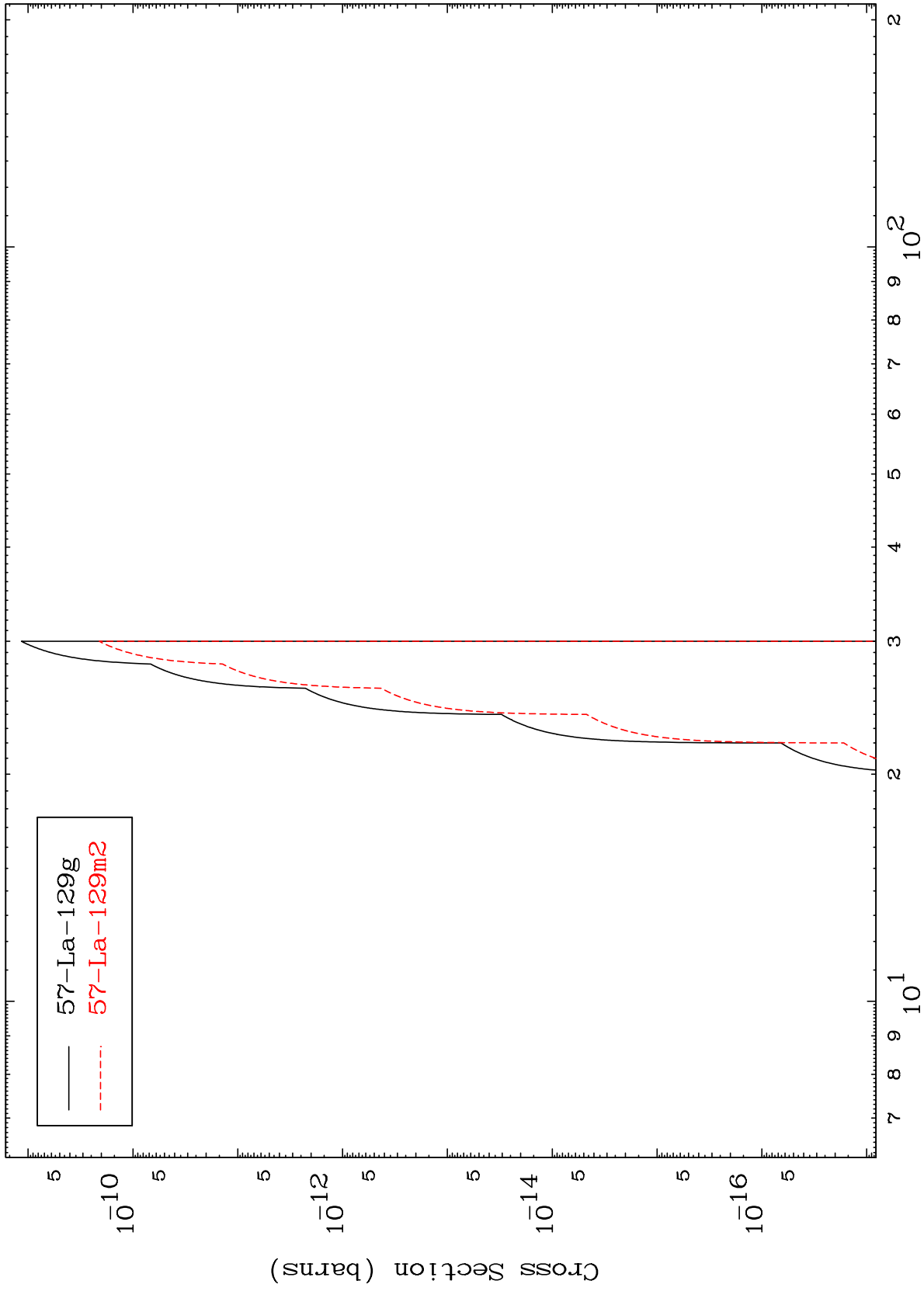
61-Pm-138

MAT 6123

( $\gamma, n'$ )  $2\alpha$

61-Pm-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

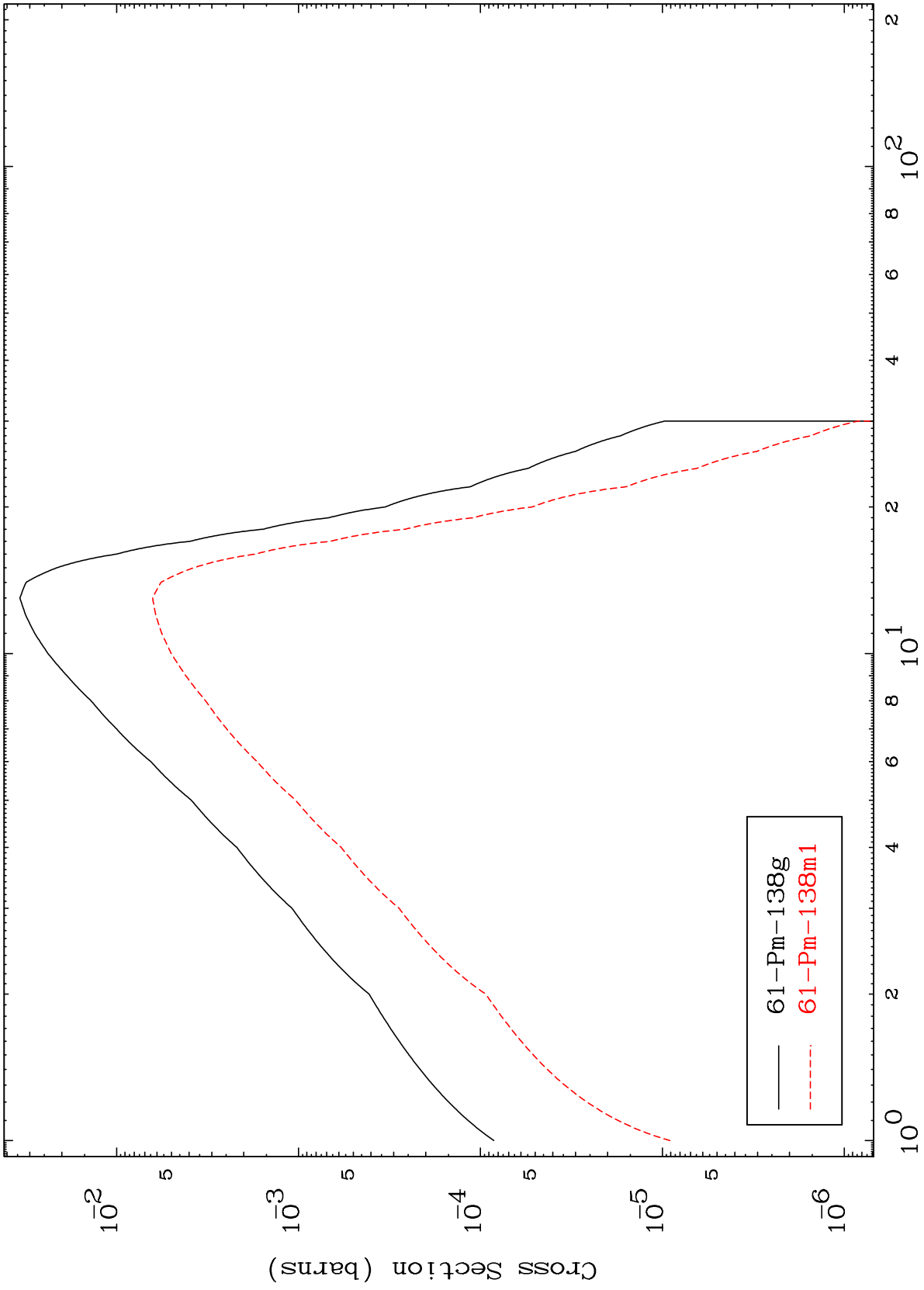
61-Pm-138

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61-Pm-138

Radionuclide Production Cross Section

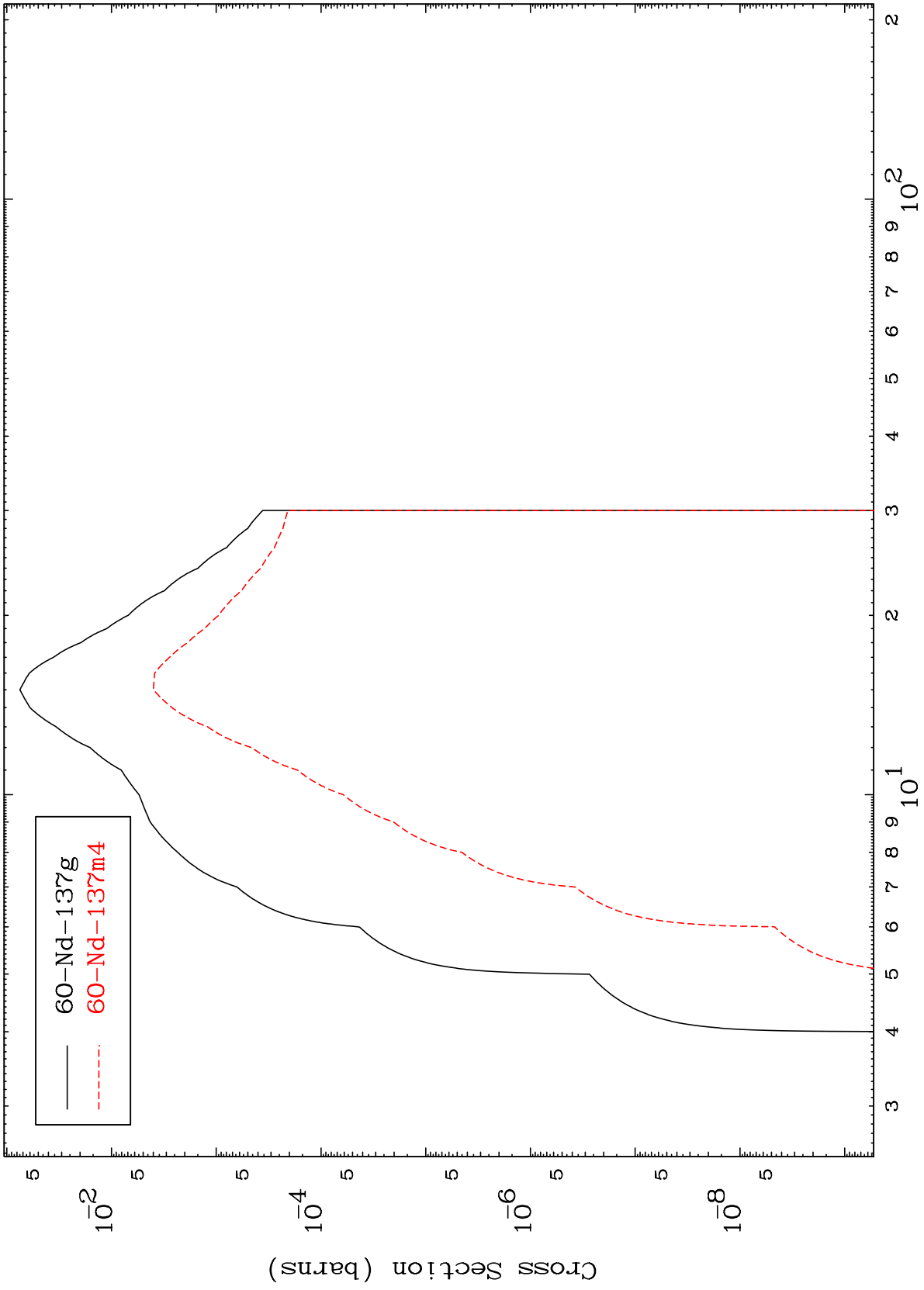
( $\gamma, \gamma$ )



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61-Pm-138

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



15

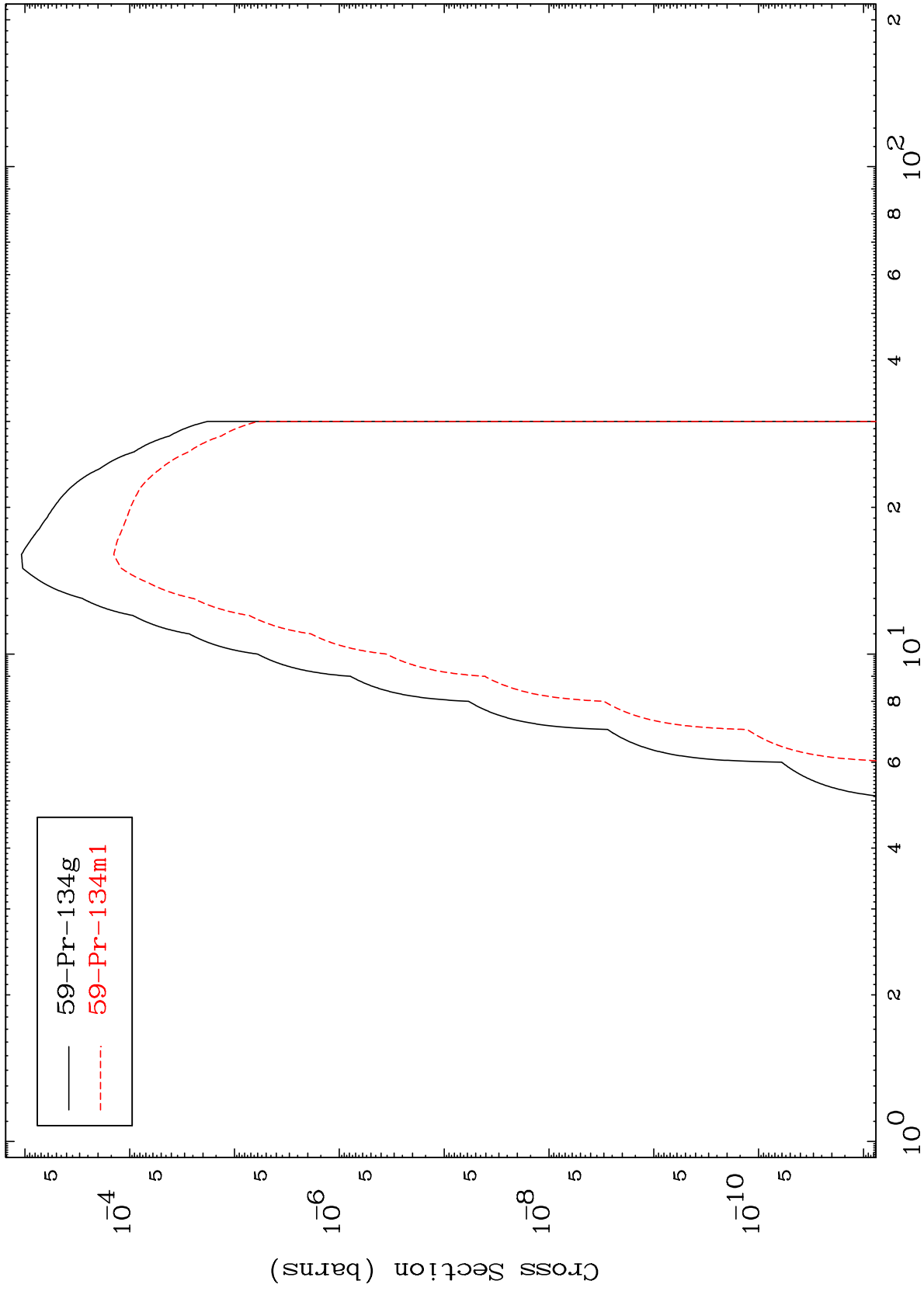
Incident Energy (MeV)

61-Pm-138

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61-Pm-138

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



Incident Energy (MeV)

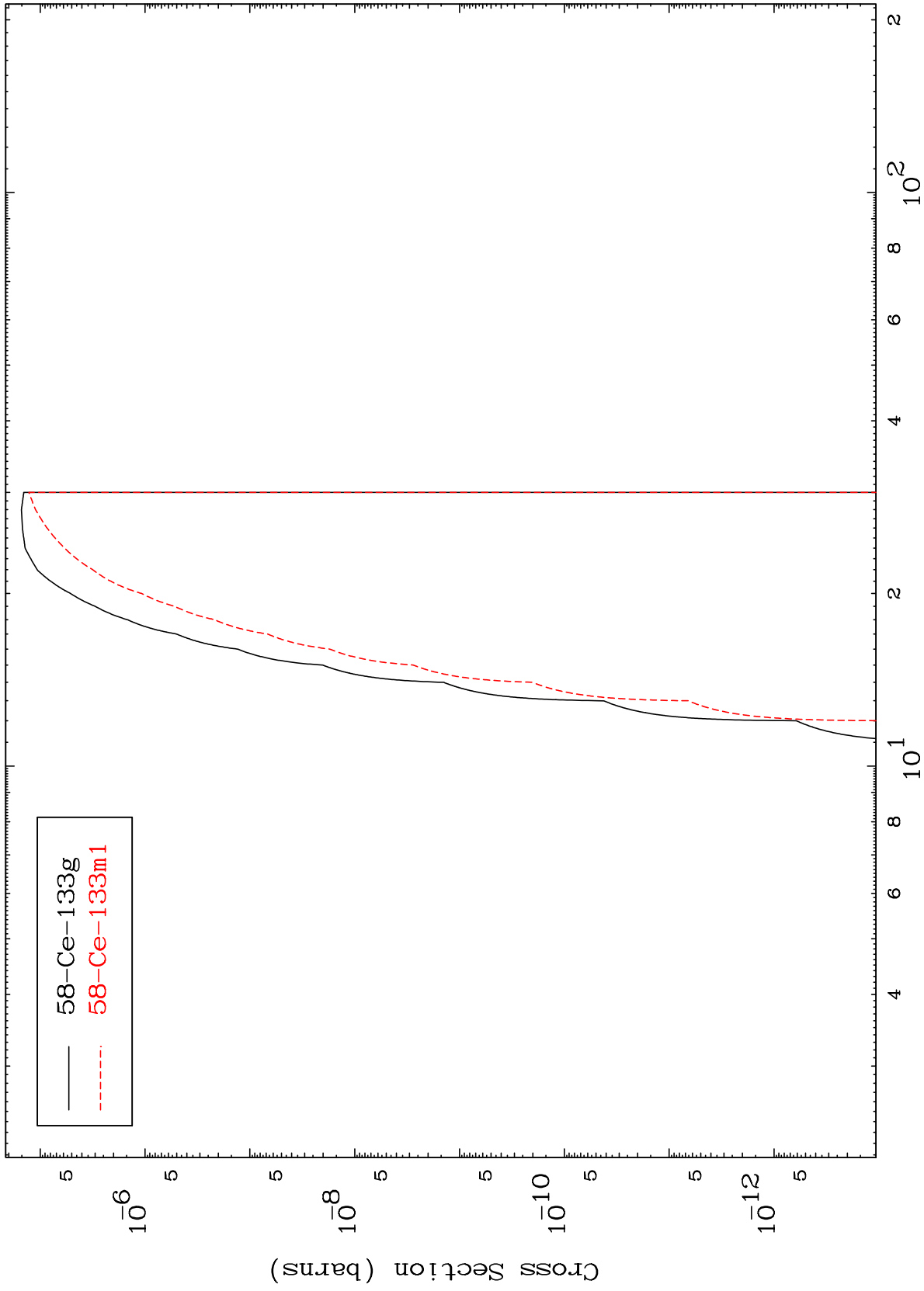
61-Pm-138

MAT 6123

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

61-Pm-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

61-Pm-138