

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

Web:redcullen1.net/HOMEPAGE.NEW

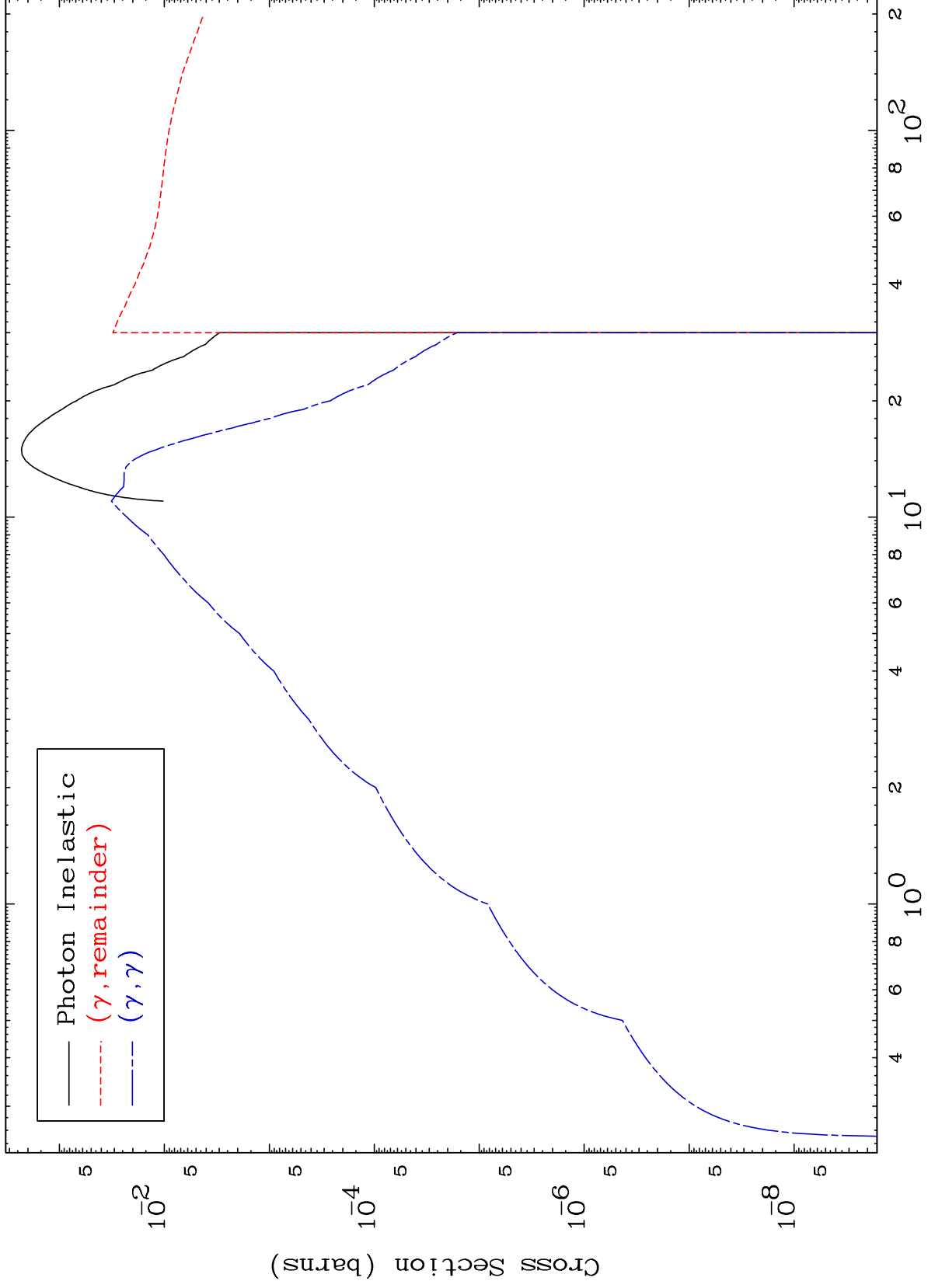
Press Mouse Button to Start

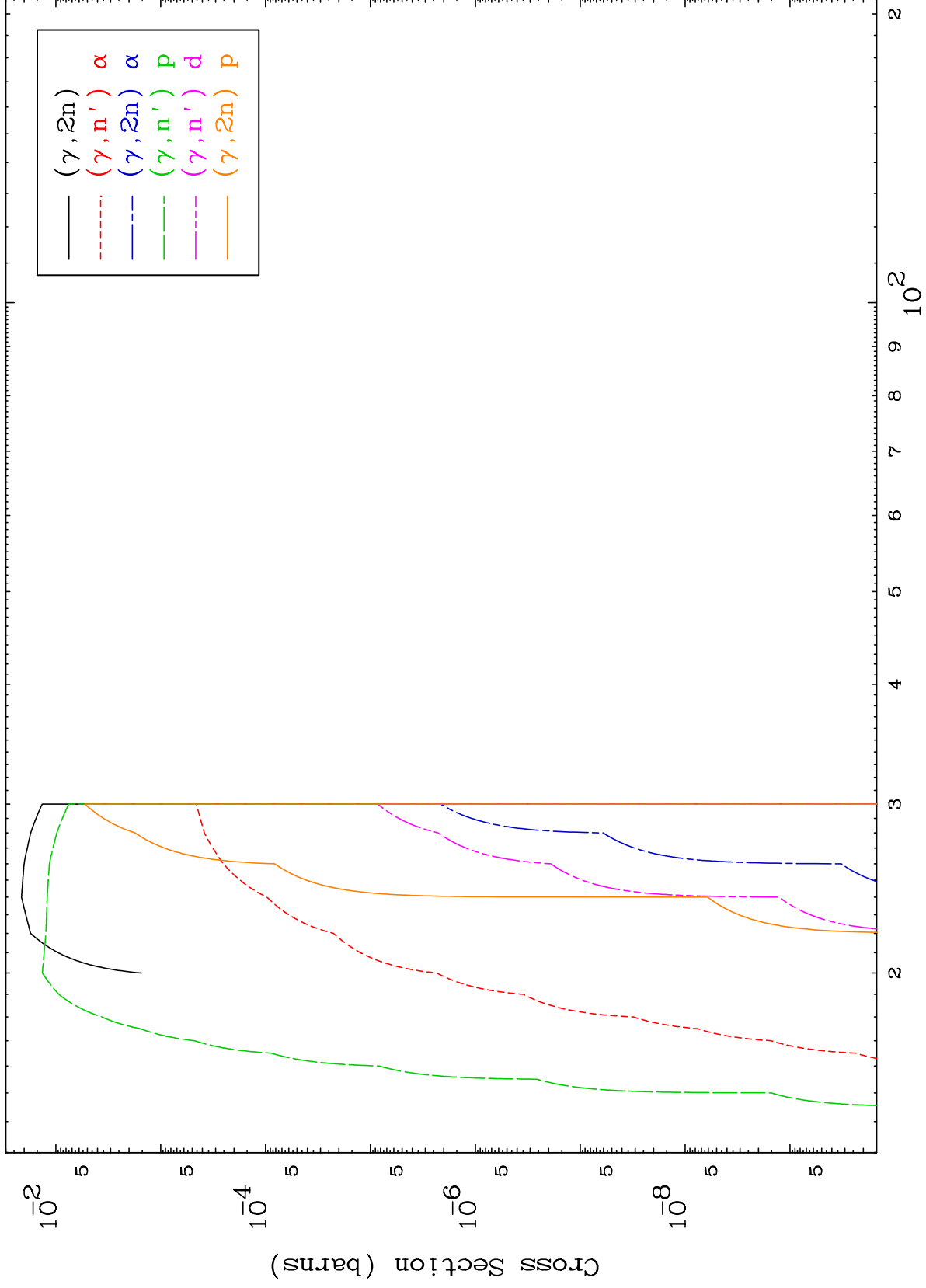
MAT 6125

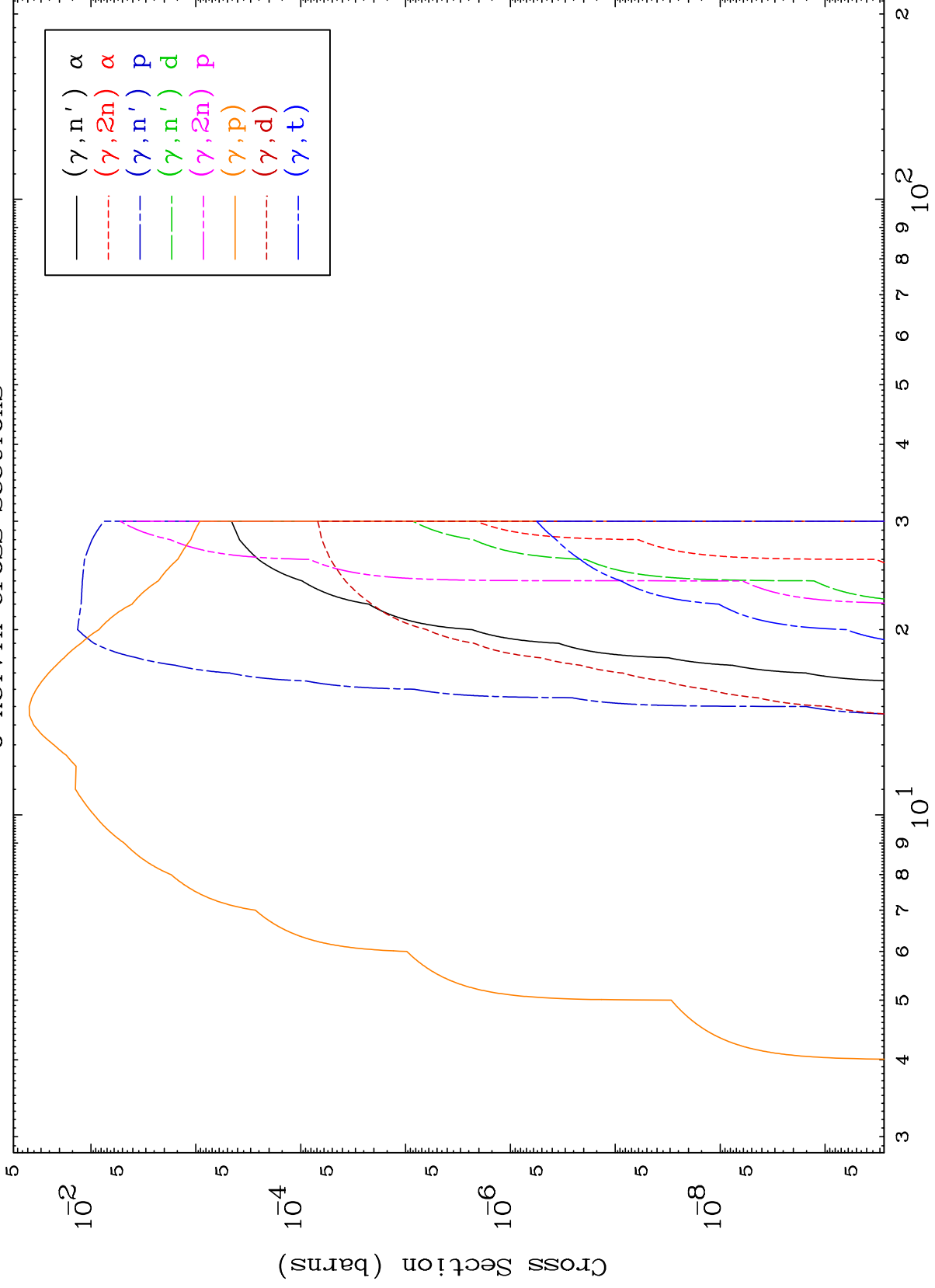
Photon Major

61-Pm-139

0 Kelvin Cross Sections



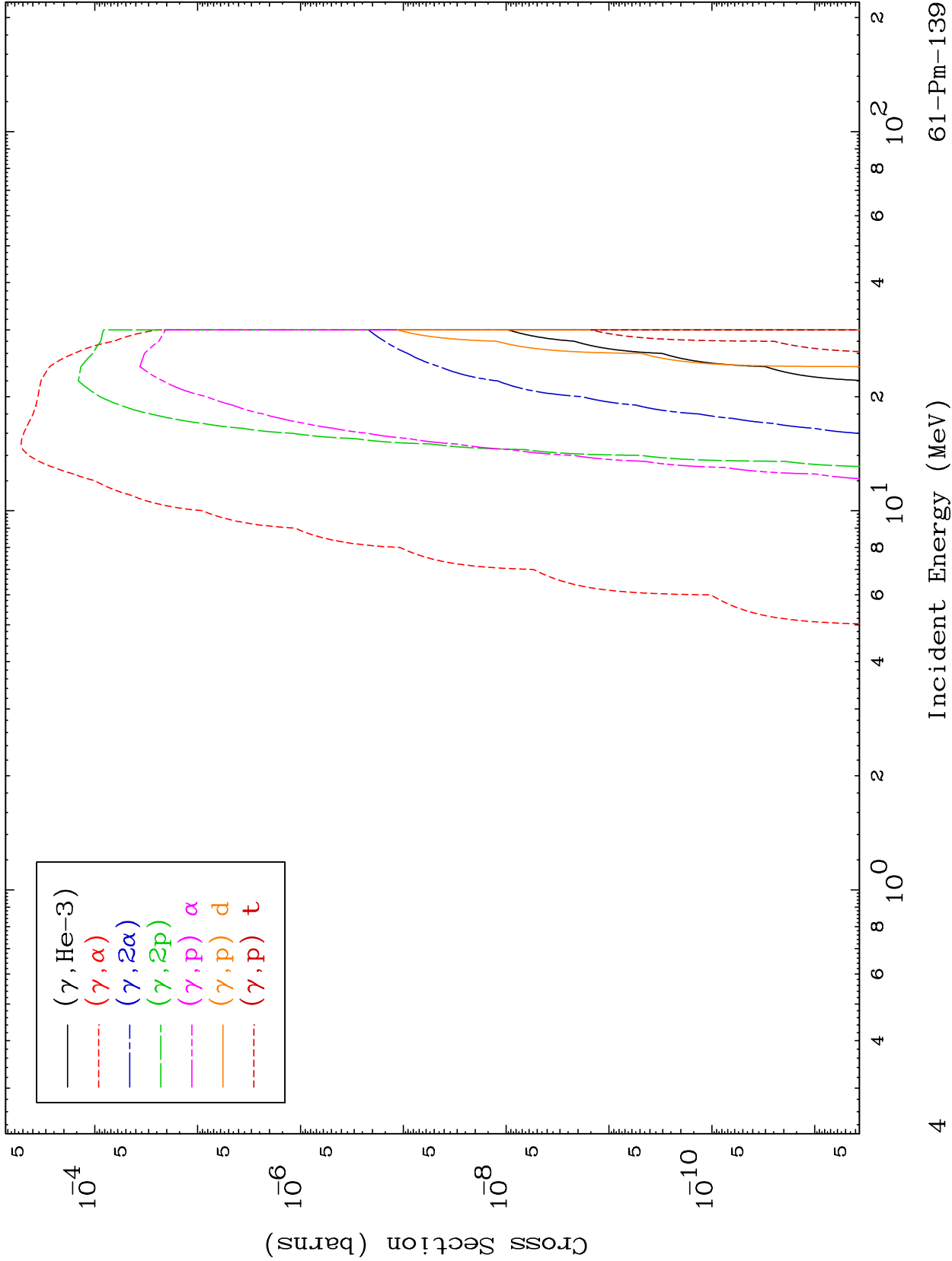




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Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-139

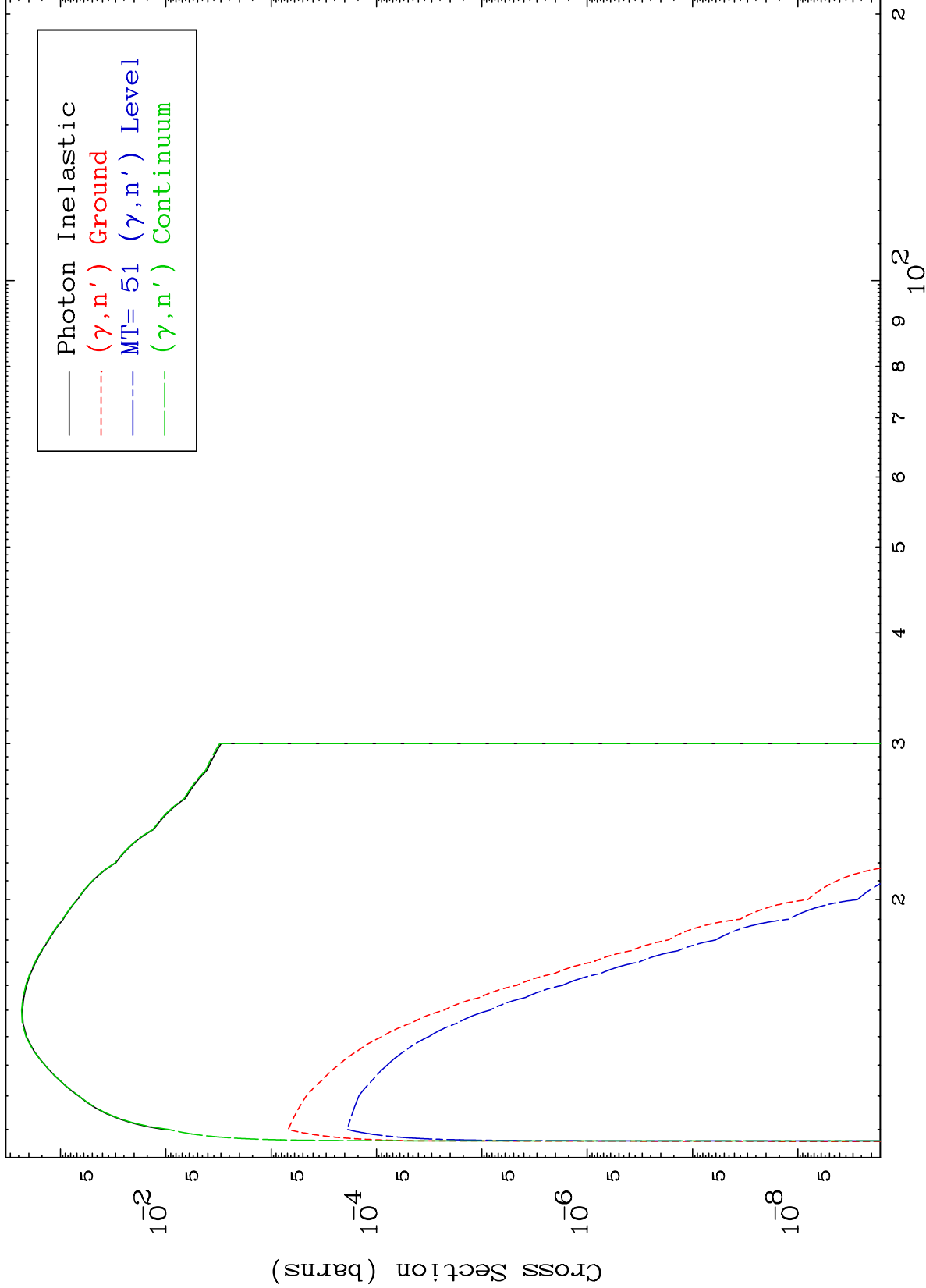


MAT 6125

$(\gamma, n')$  Level

61-Pm-139

0 Kelvin Cross Sections



Incident Energy (MeV)

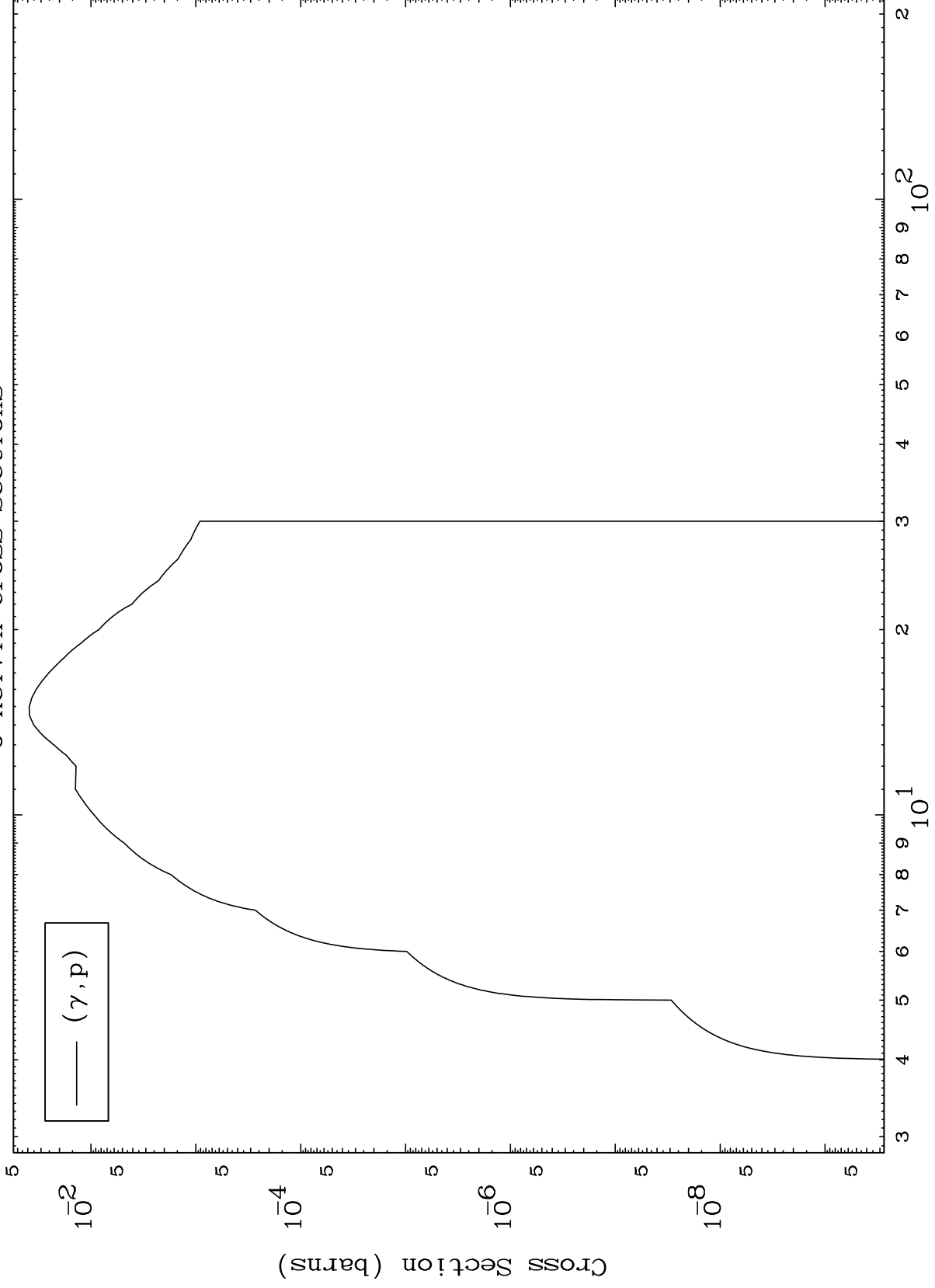
61-Pm-139

5

MAT 6125

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

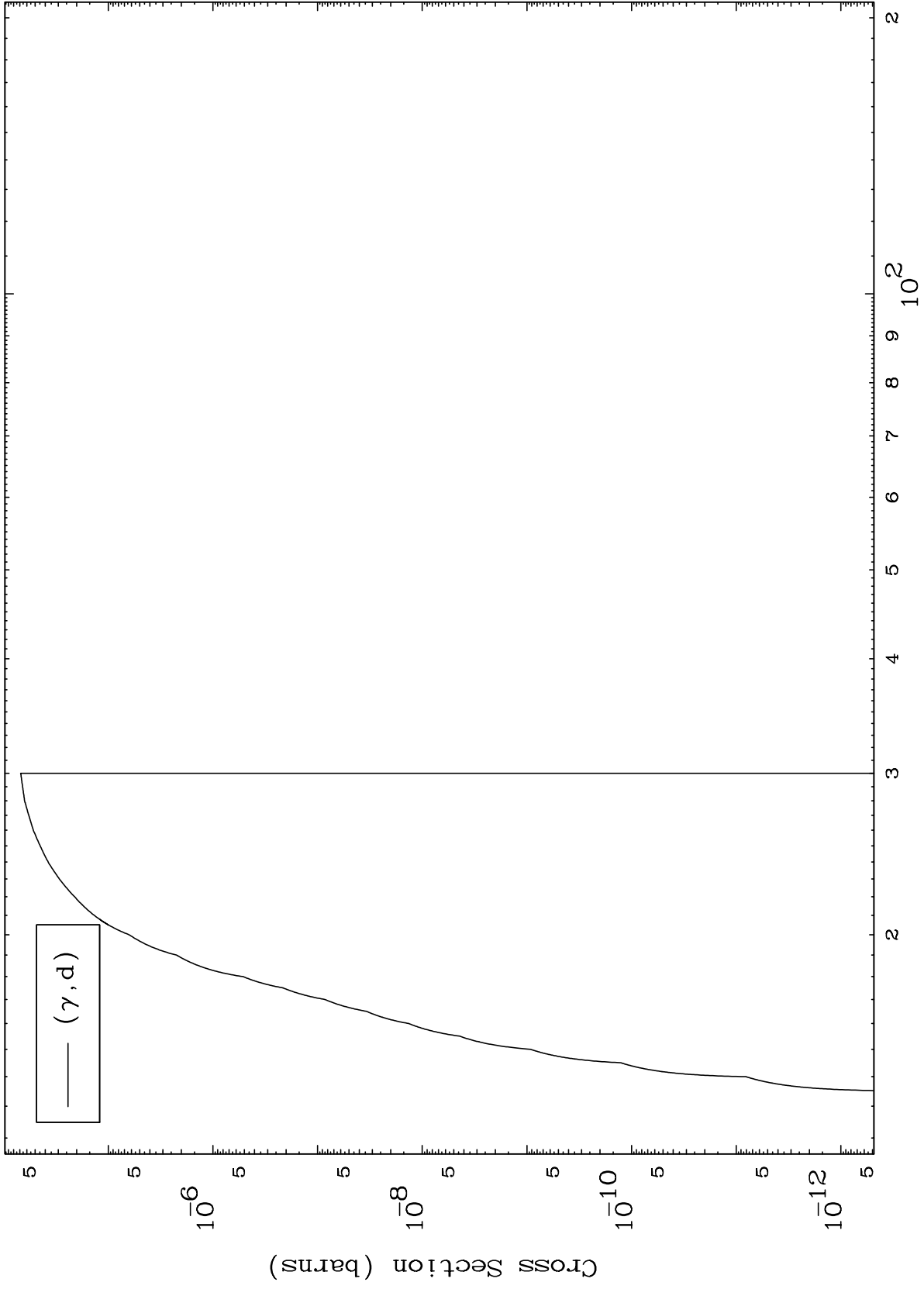
61-Pm-139



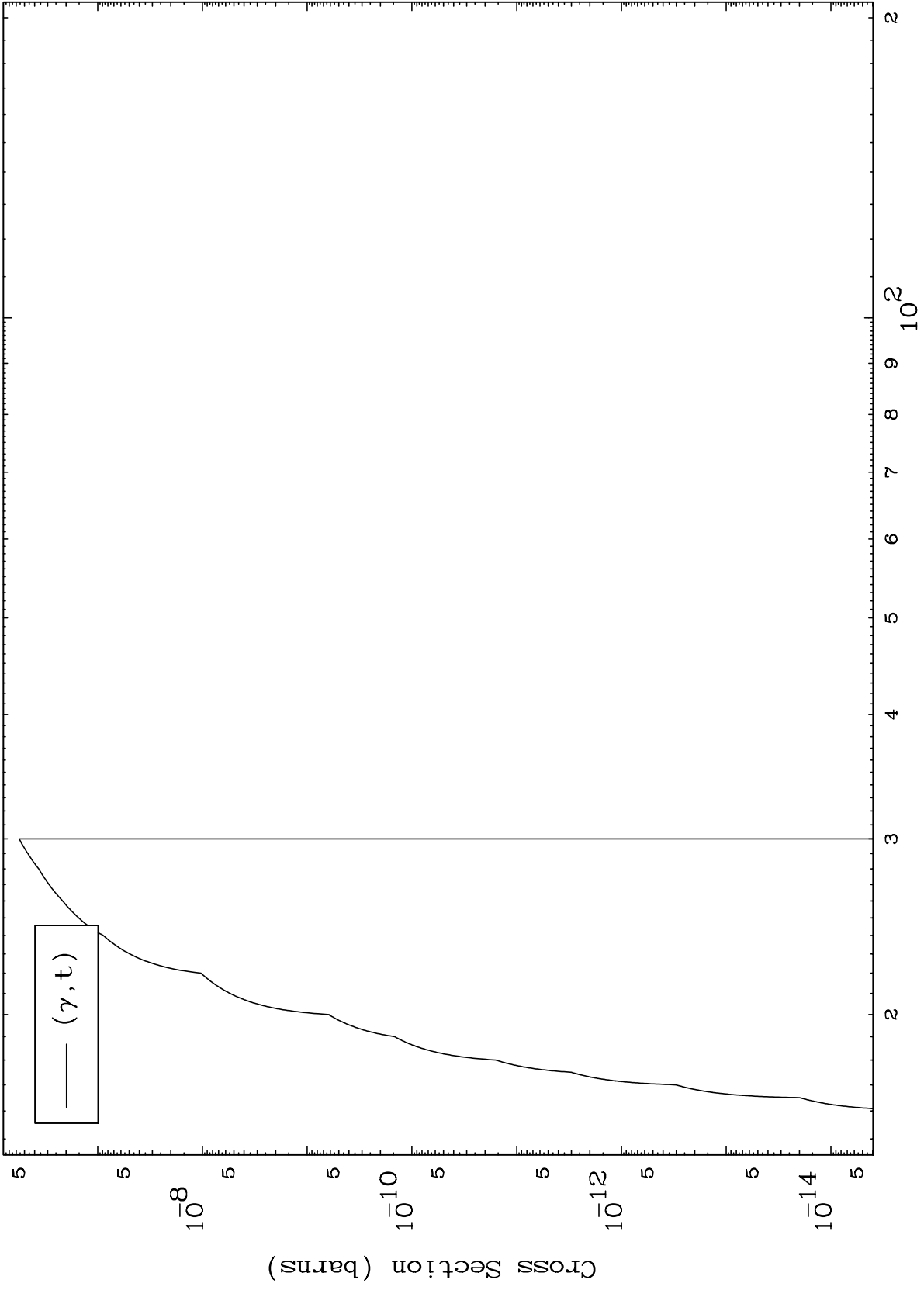
Incident Energy (MeV)

61-Pm-139

6



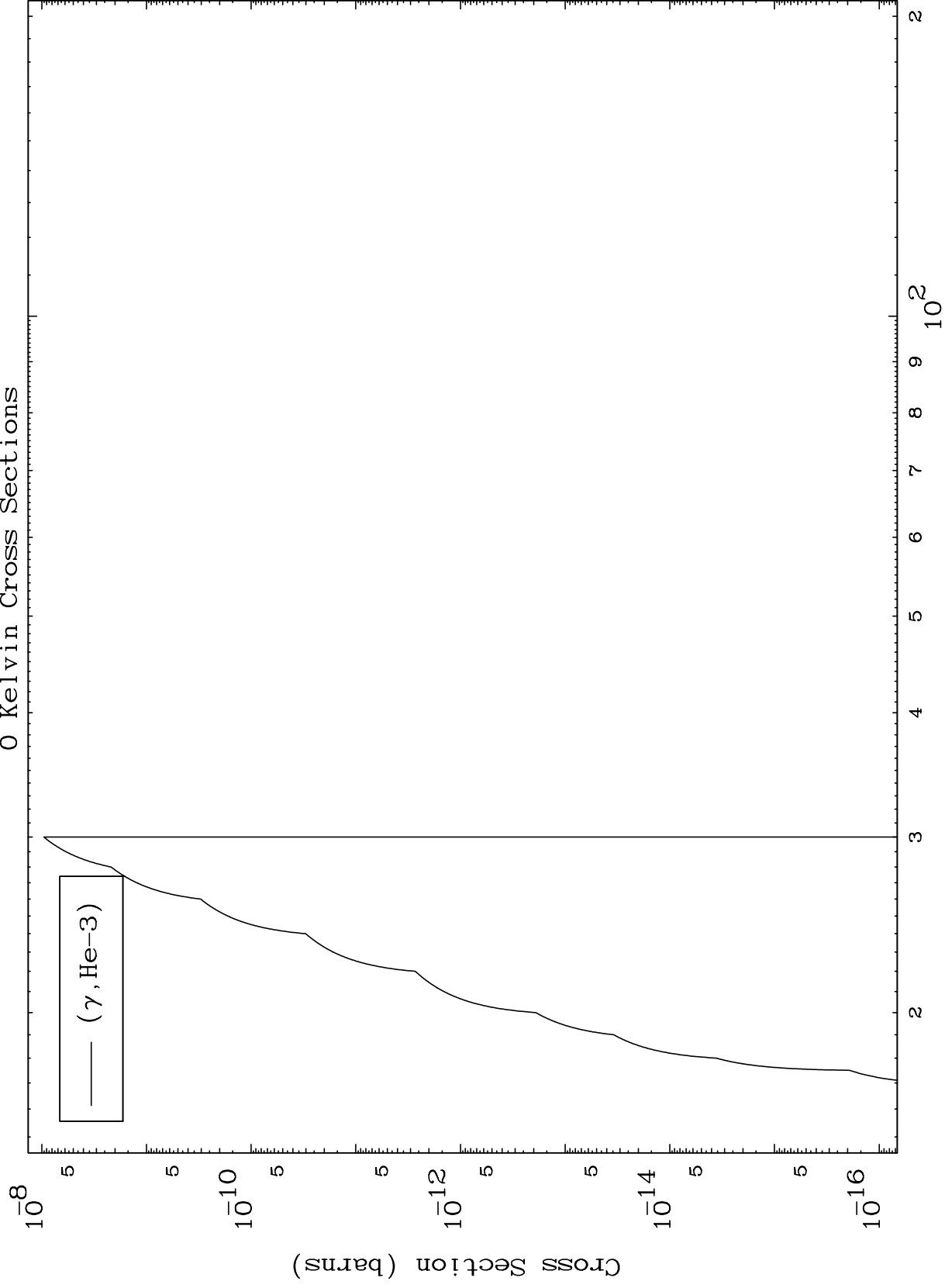




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61-Pm-139

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



61-Pm-139

Incident Energy (MeV)

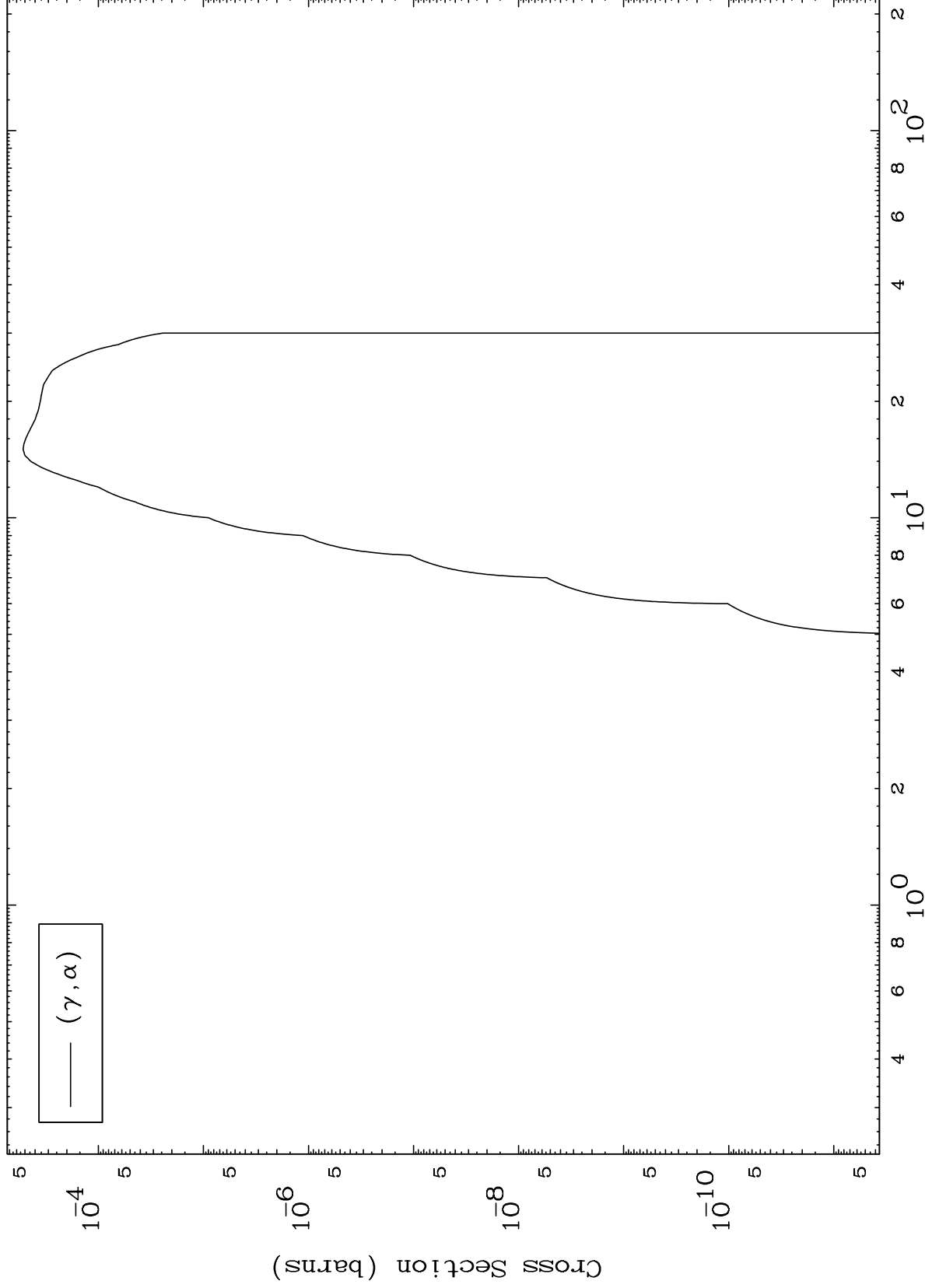
9

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( $\gamma, \alpha$ ) Levels

61-Pm-139

0 Kelvin Cross Sections

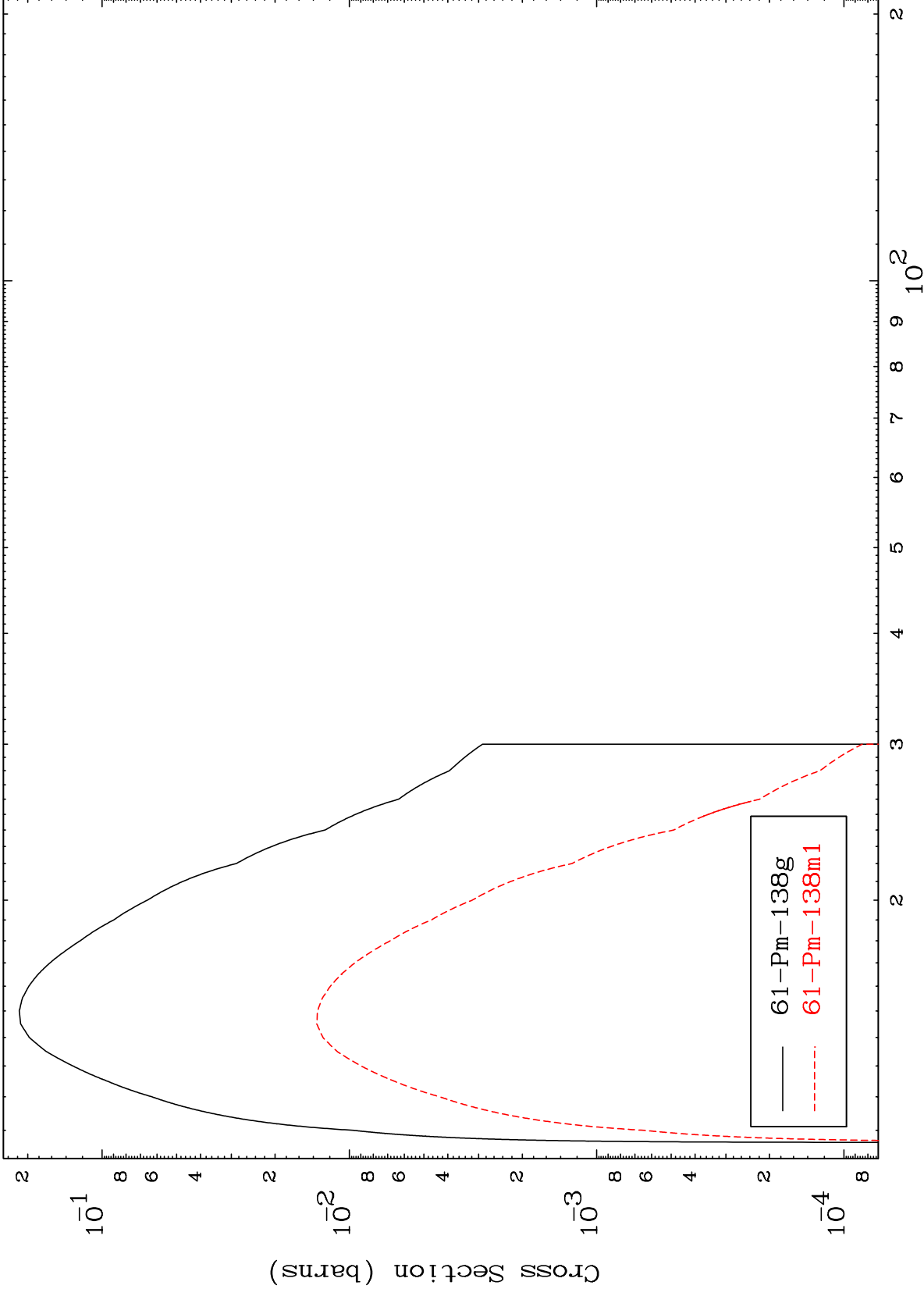


( $\gamma, \alpha$ )

10

Incident Energy (MeV)

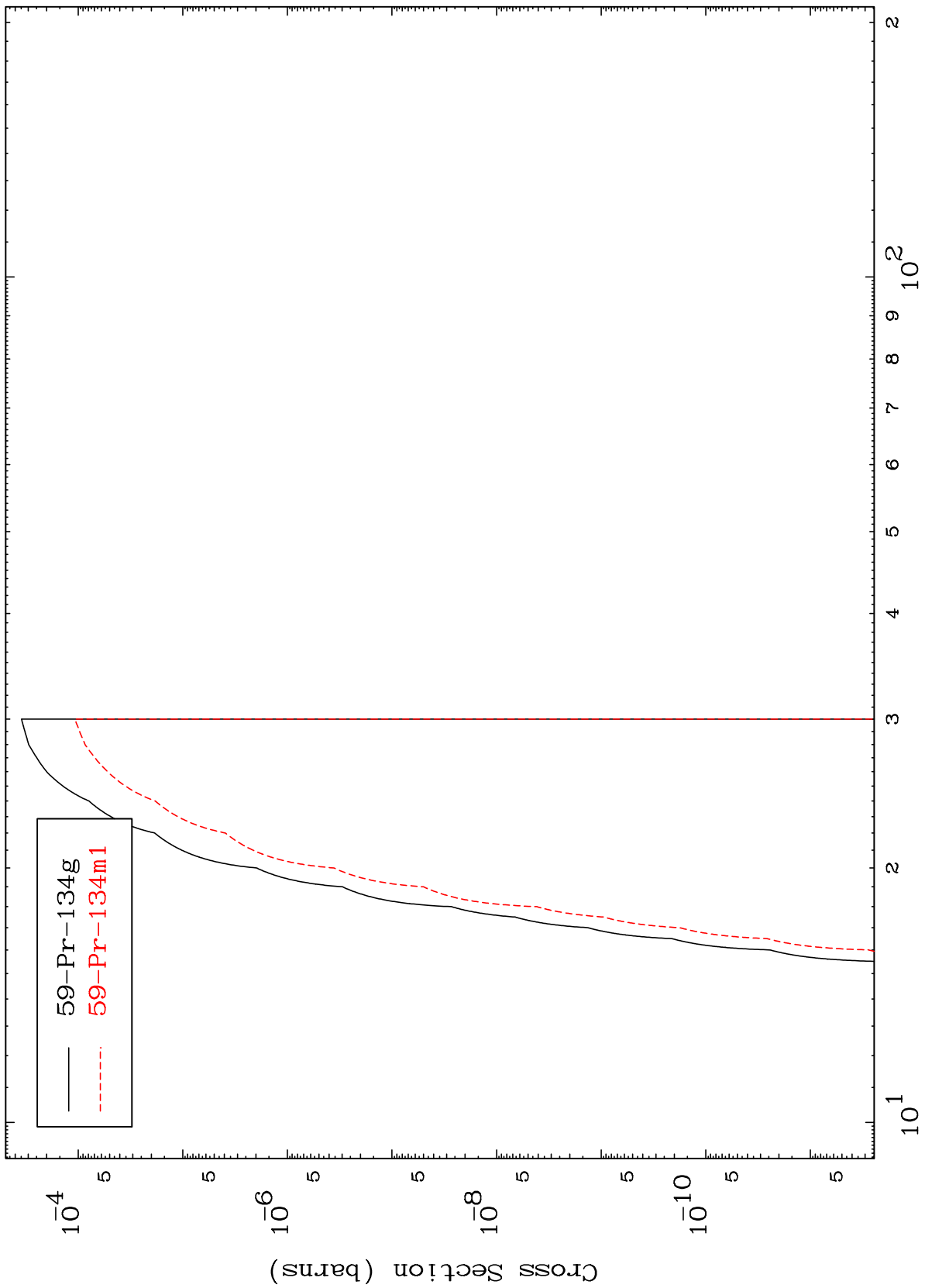
61-Pm-139



MAT 6125

61-Pm-139

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



61-Pm-139

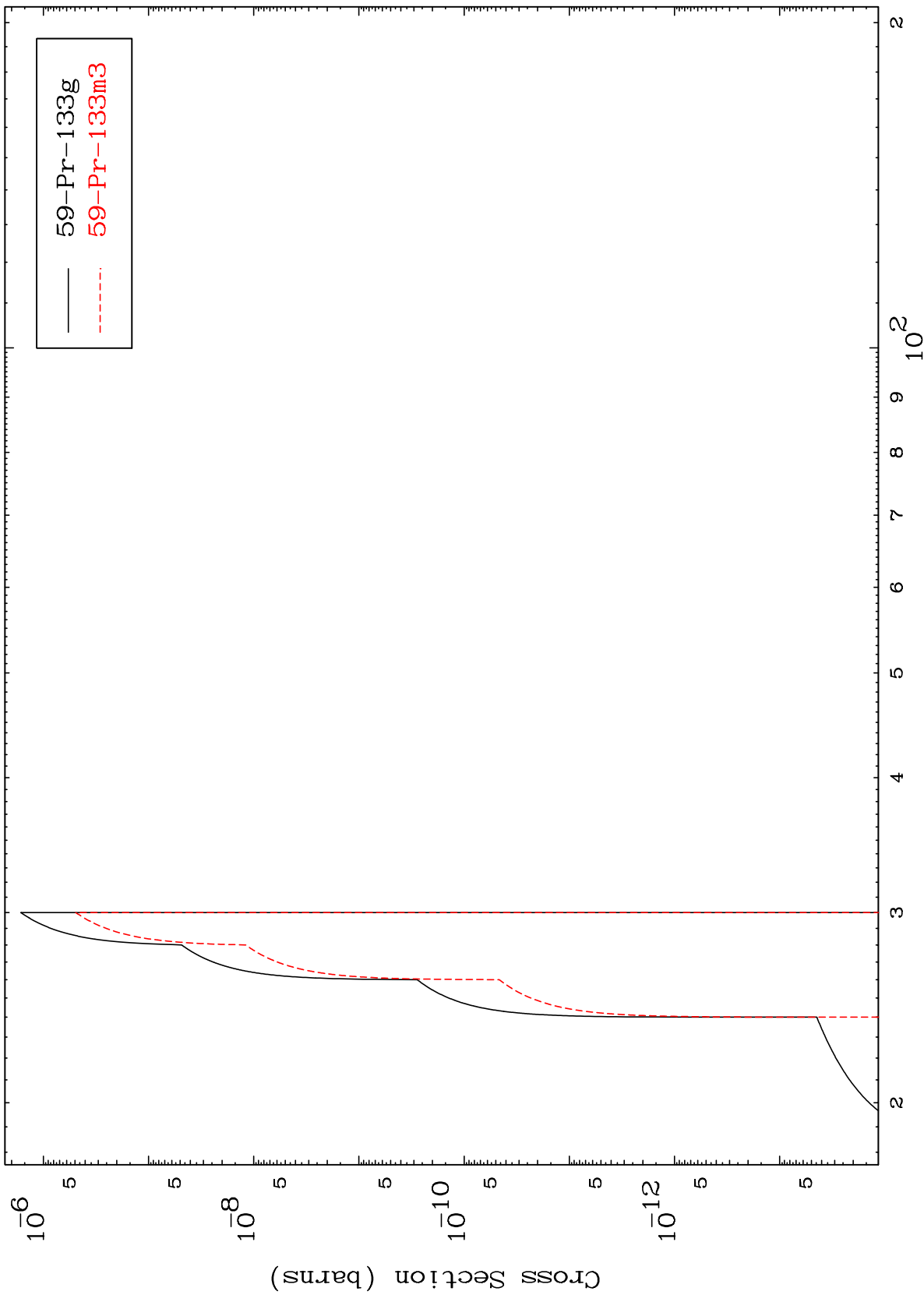
12

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$(\gamma, 2n) \alpha$

61-Pm-139

Radionuclide Production Cross Section



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Incident Energy (MeV)

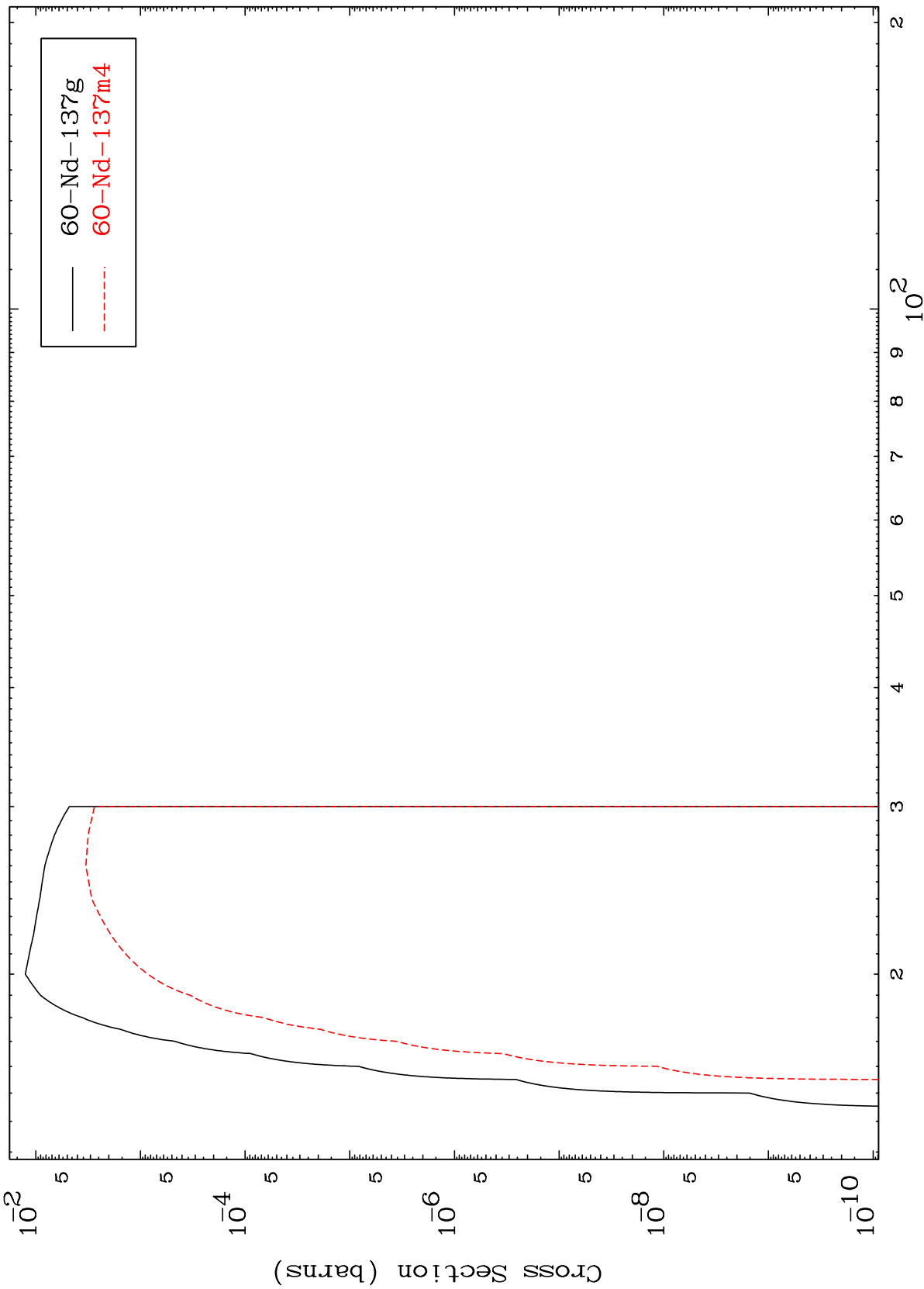
61-Pm-139

MAT 6125

$(\gamma, n')$  p

61-Pm-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

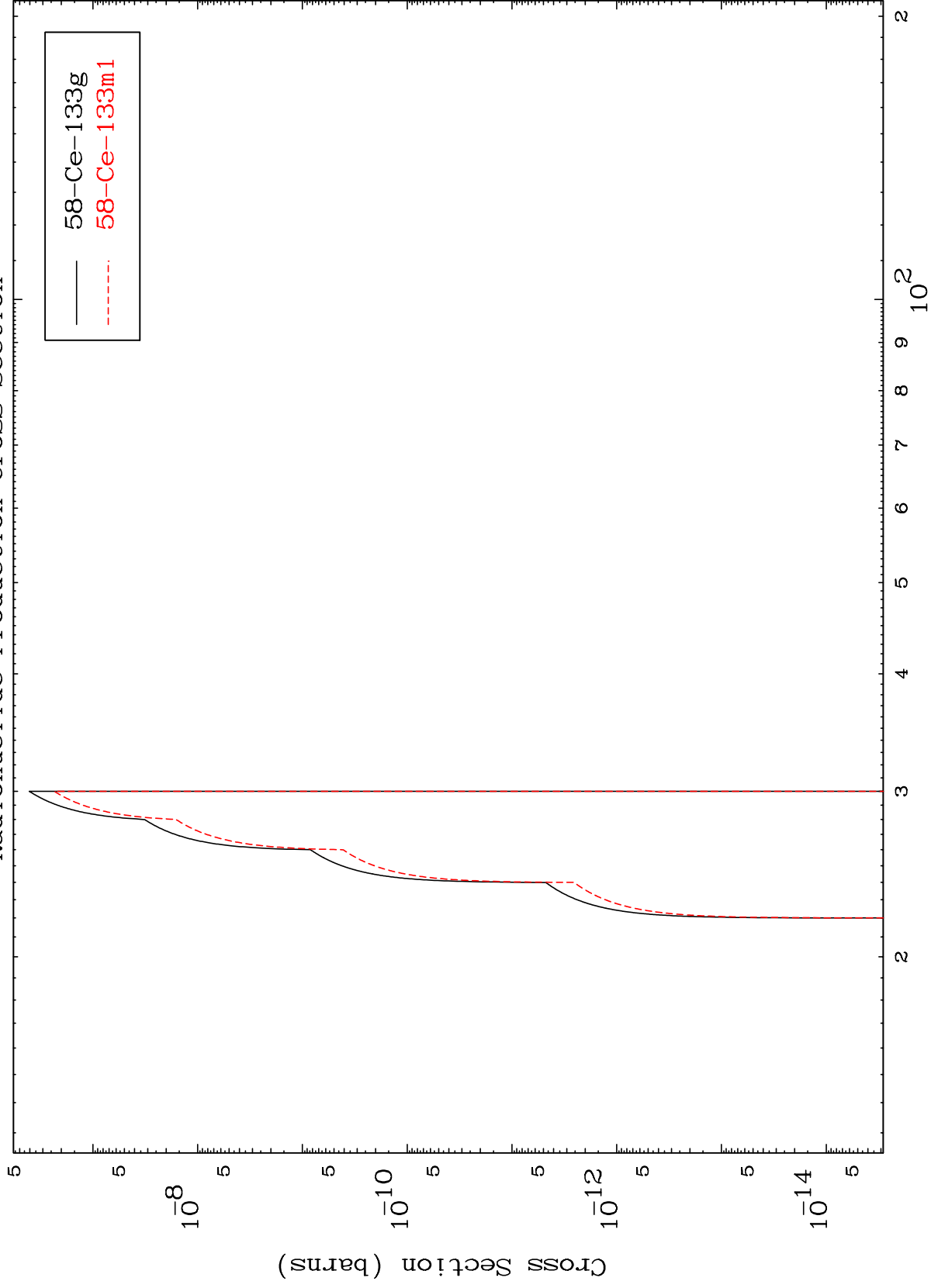
61-Pm-139

MAT 6125

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

61-Pm-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

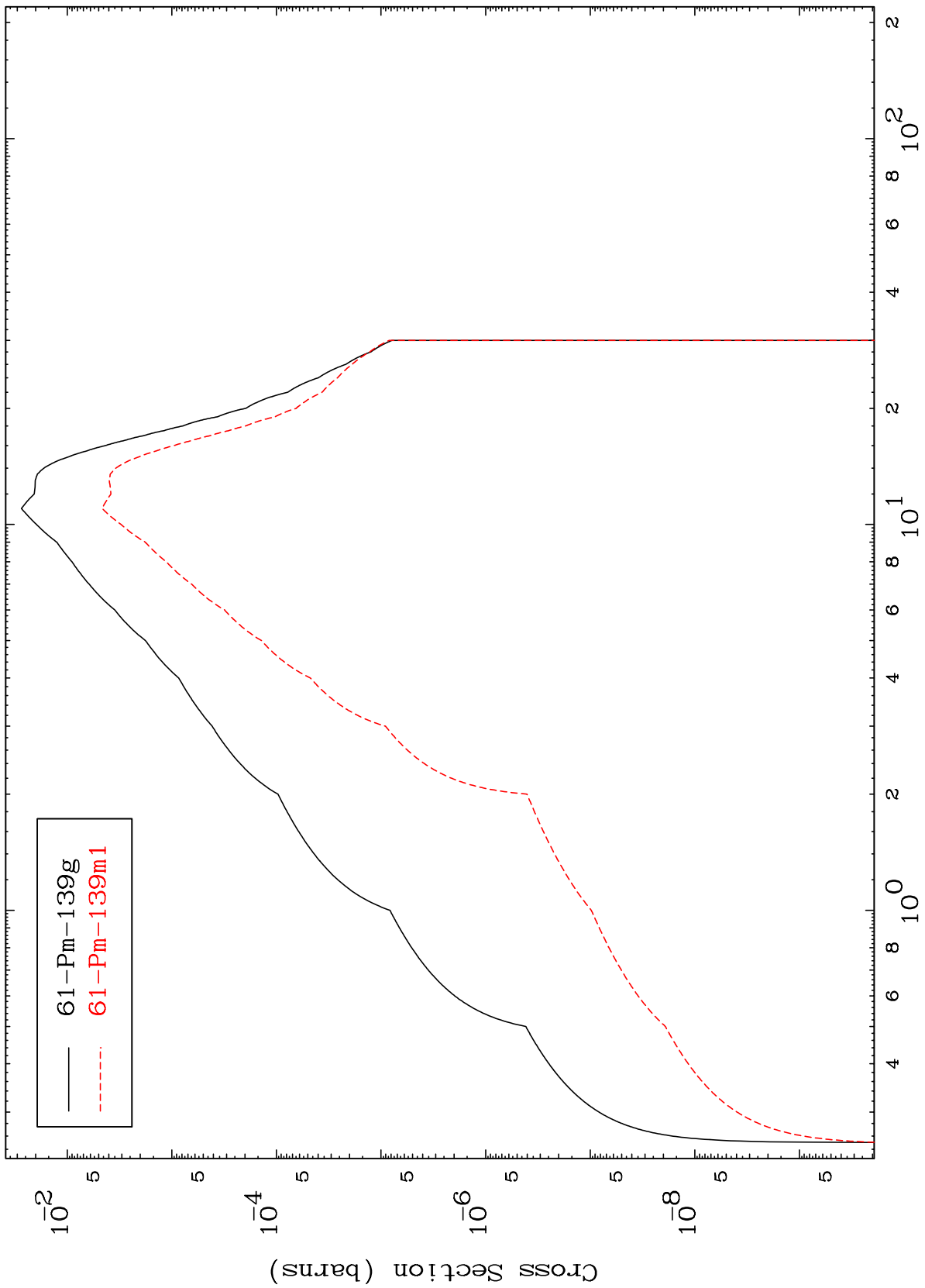
61-Pm-139



MAT 6125

61-Pm-139

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



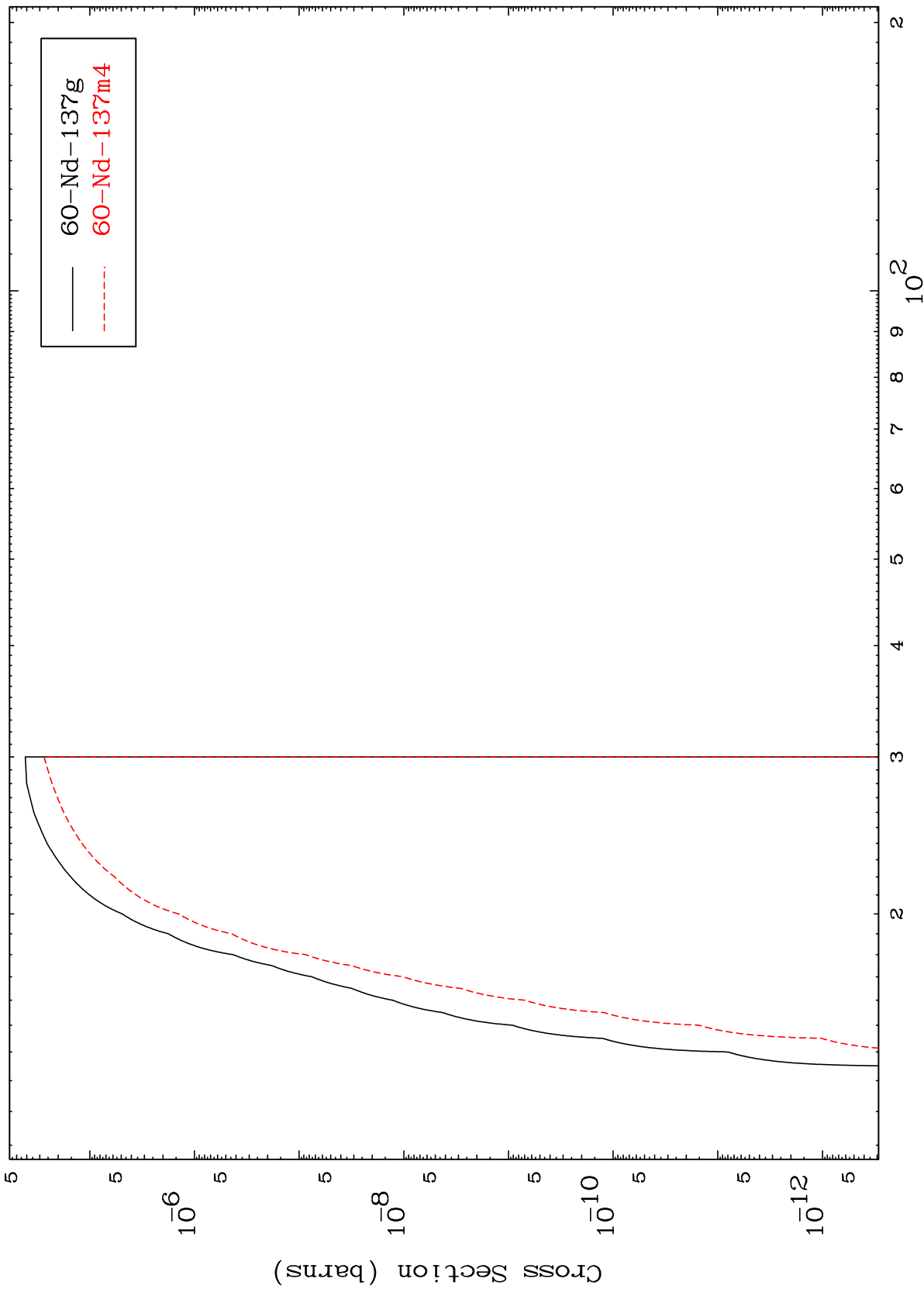
— 61-Pm-139g  
- - - 61-Pm-139m1

16

Incident Energy (MeV)

61-Pm-139

Radionuclide Production Cross Section

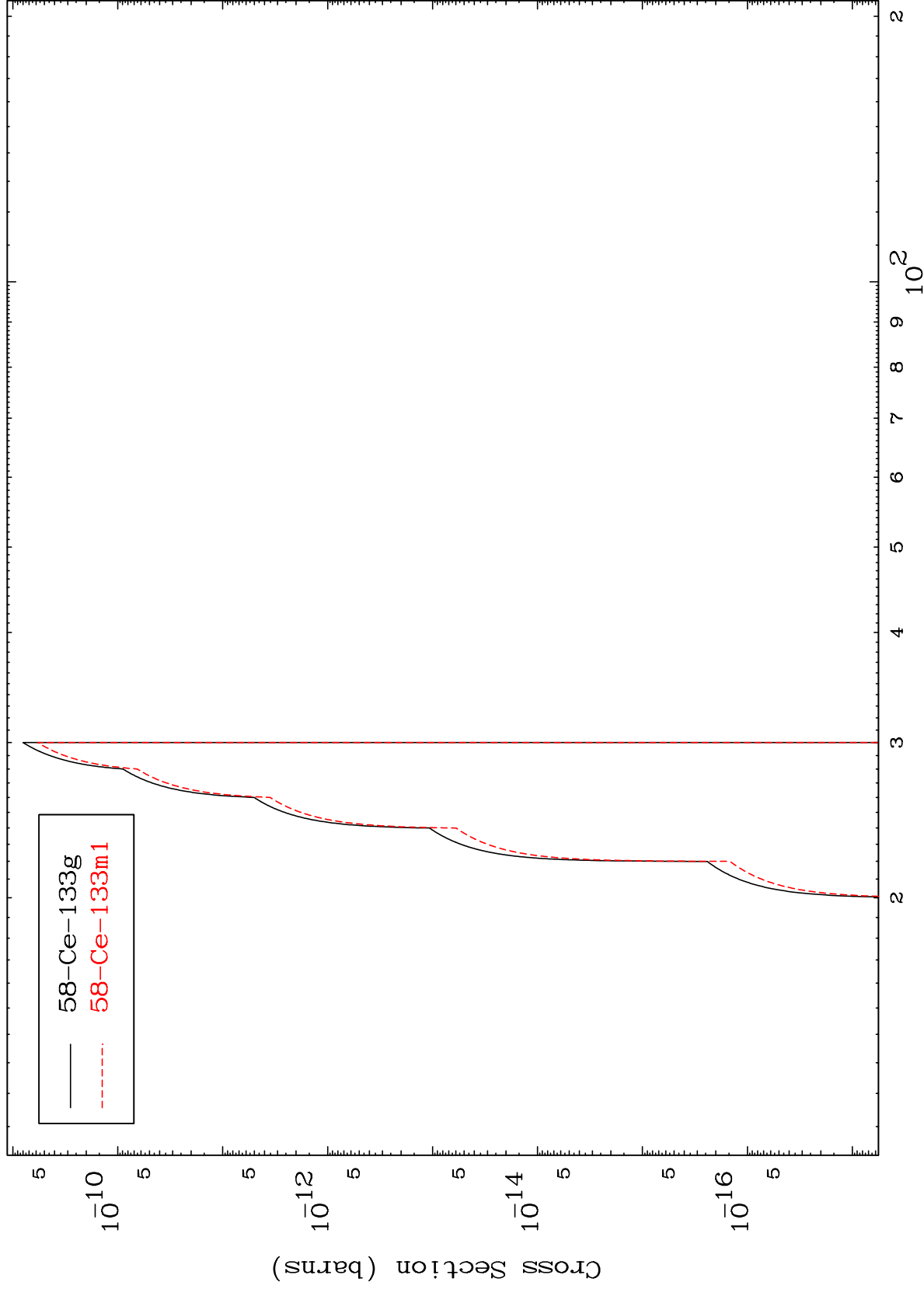


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( $\gamma, d$ )  $\alpha$

61-Pm-139

Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-139