

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

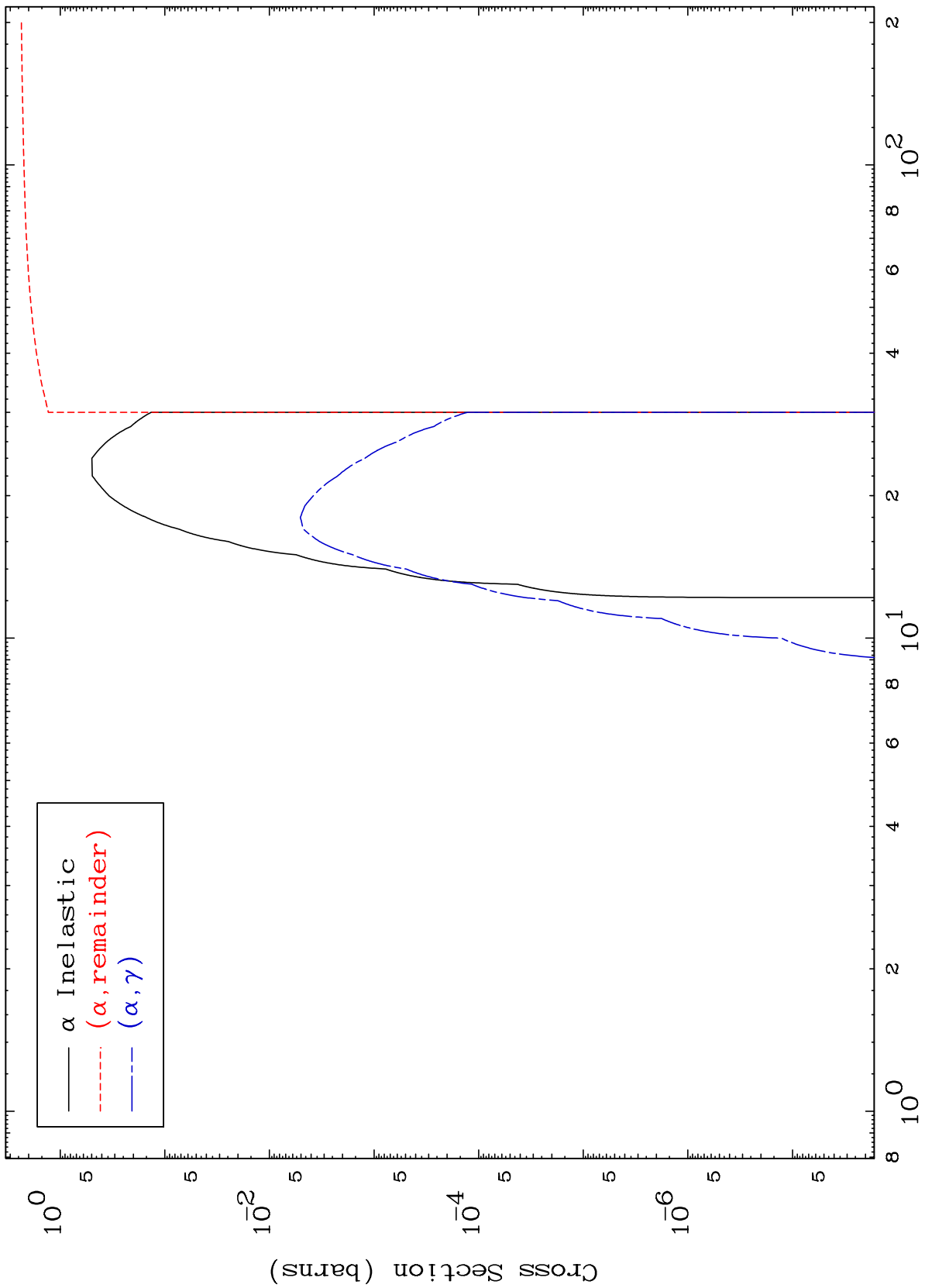
Press Mouse Button to Start

MAT 6125

$\alpha$  Major

61-Pm-139

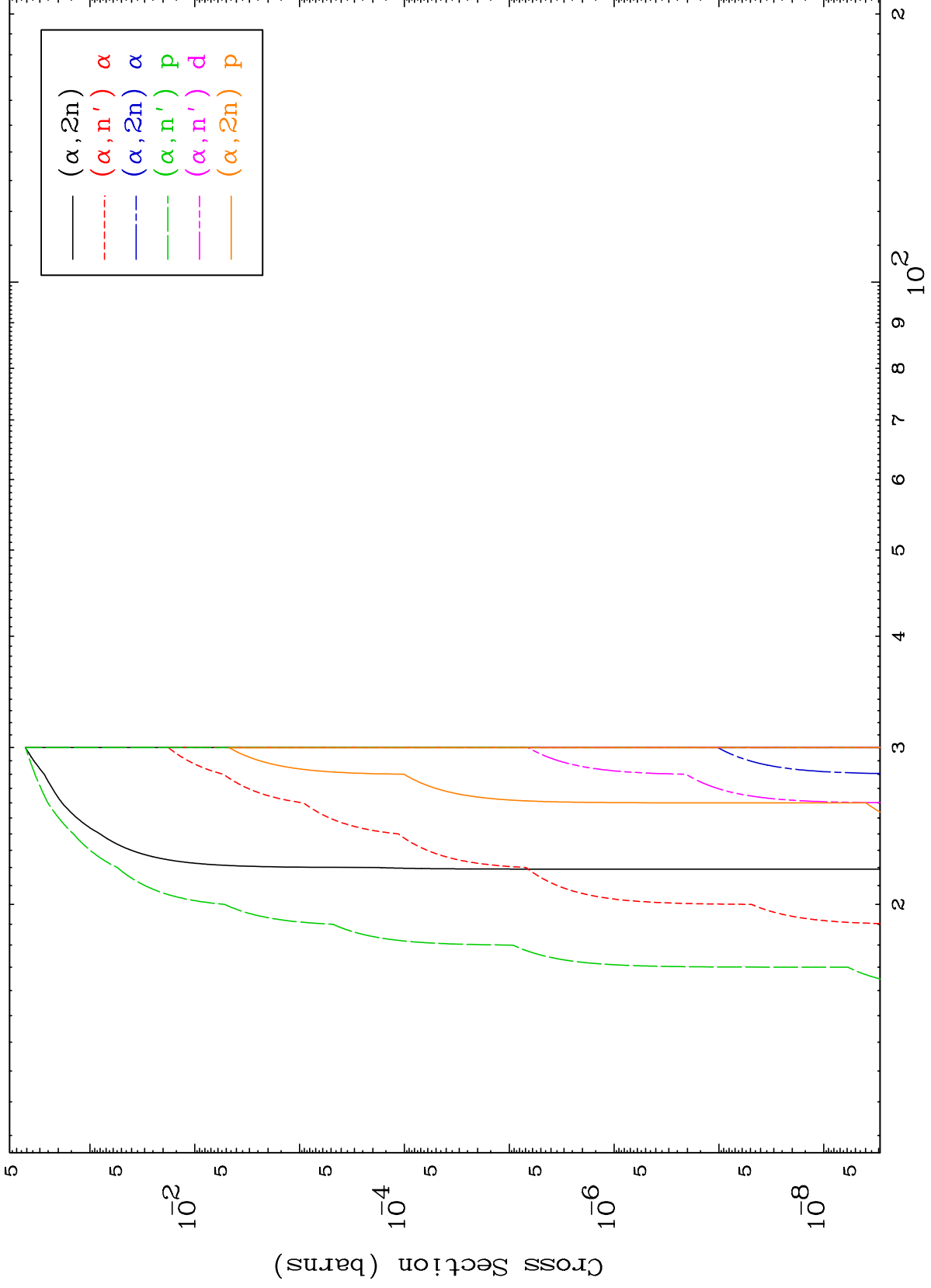
0 Kelvin Cross Sections

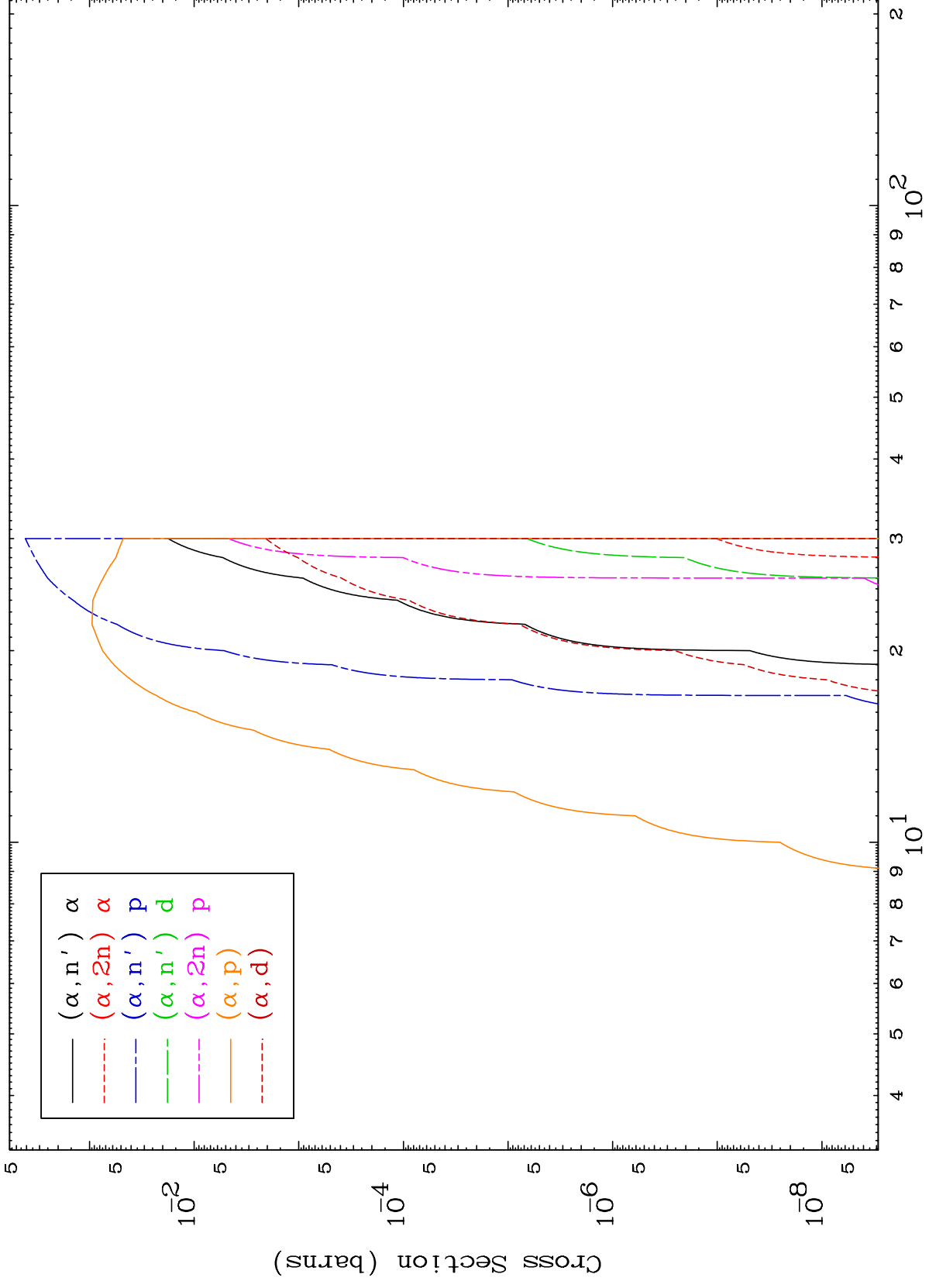


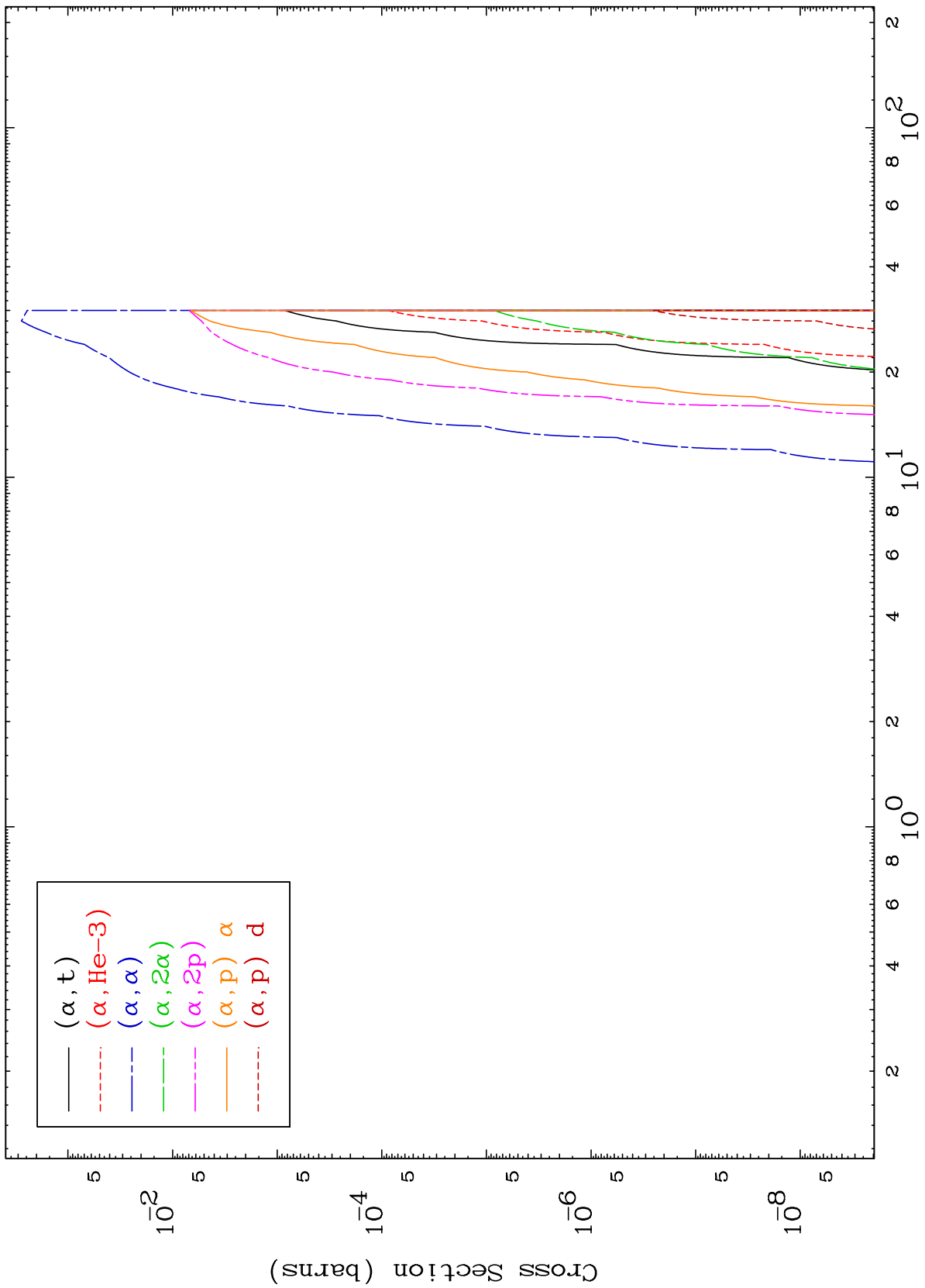
$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

Incident Energy (MeV)

61-Pm-139





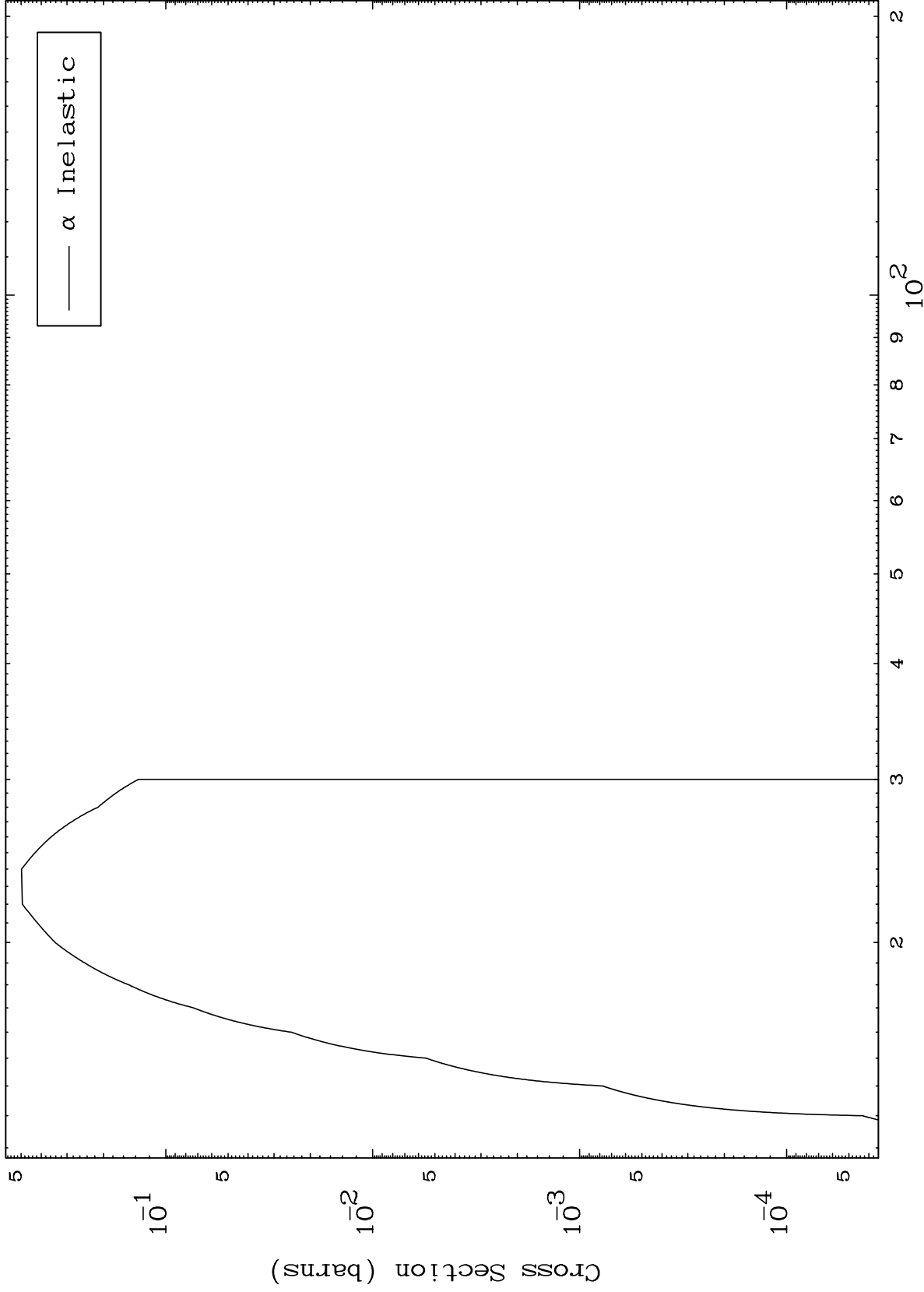


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( $\alpha, n'$ ) Level

61-Pm-139

0 Kelvin Cross Sections



$\alpha$  Inelastic

5

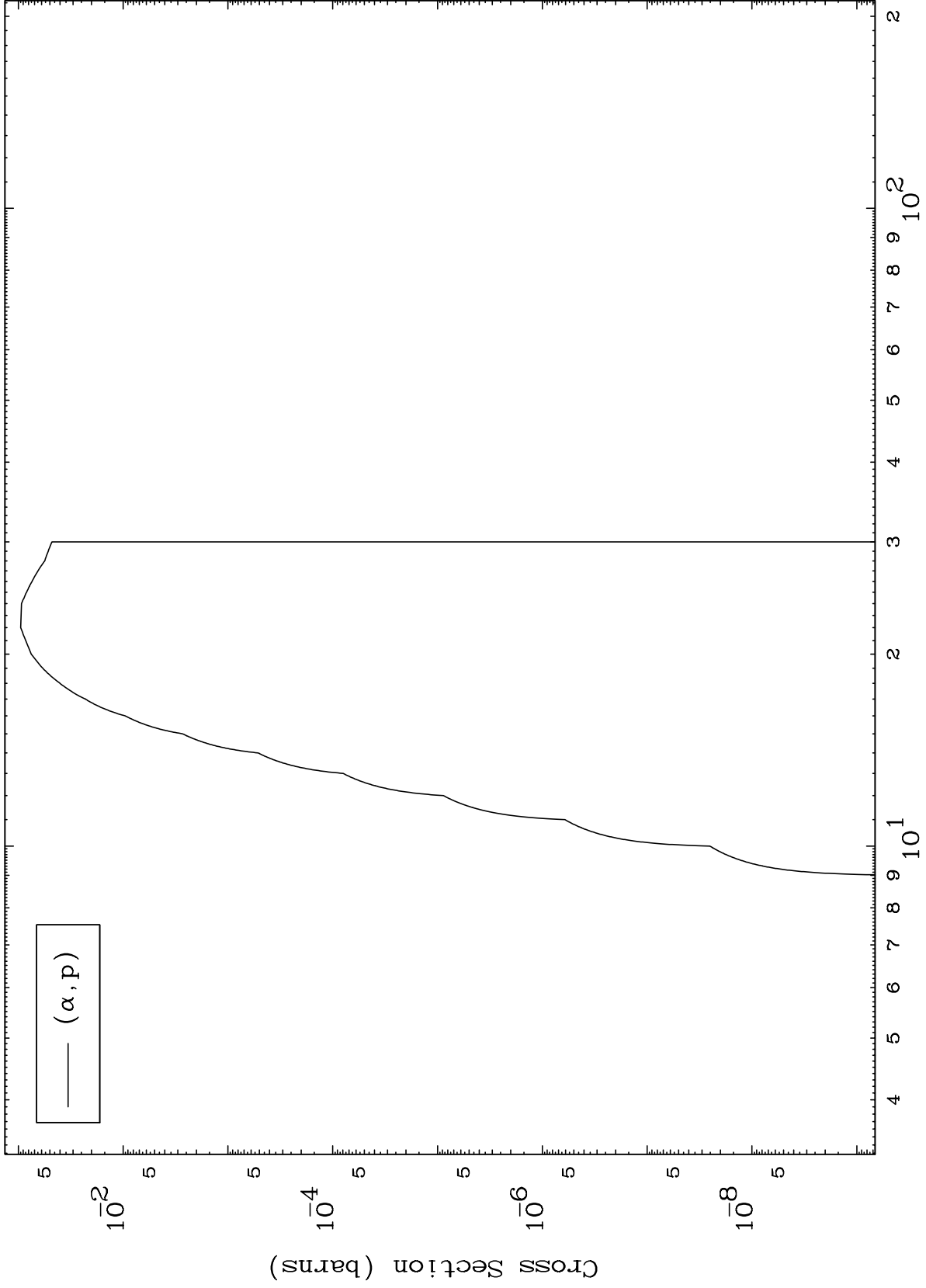
Incident Energy (MeV)

61-Pm-139

MAT 6125

61-Pm-139

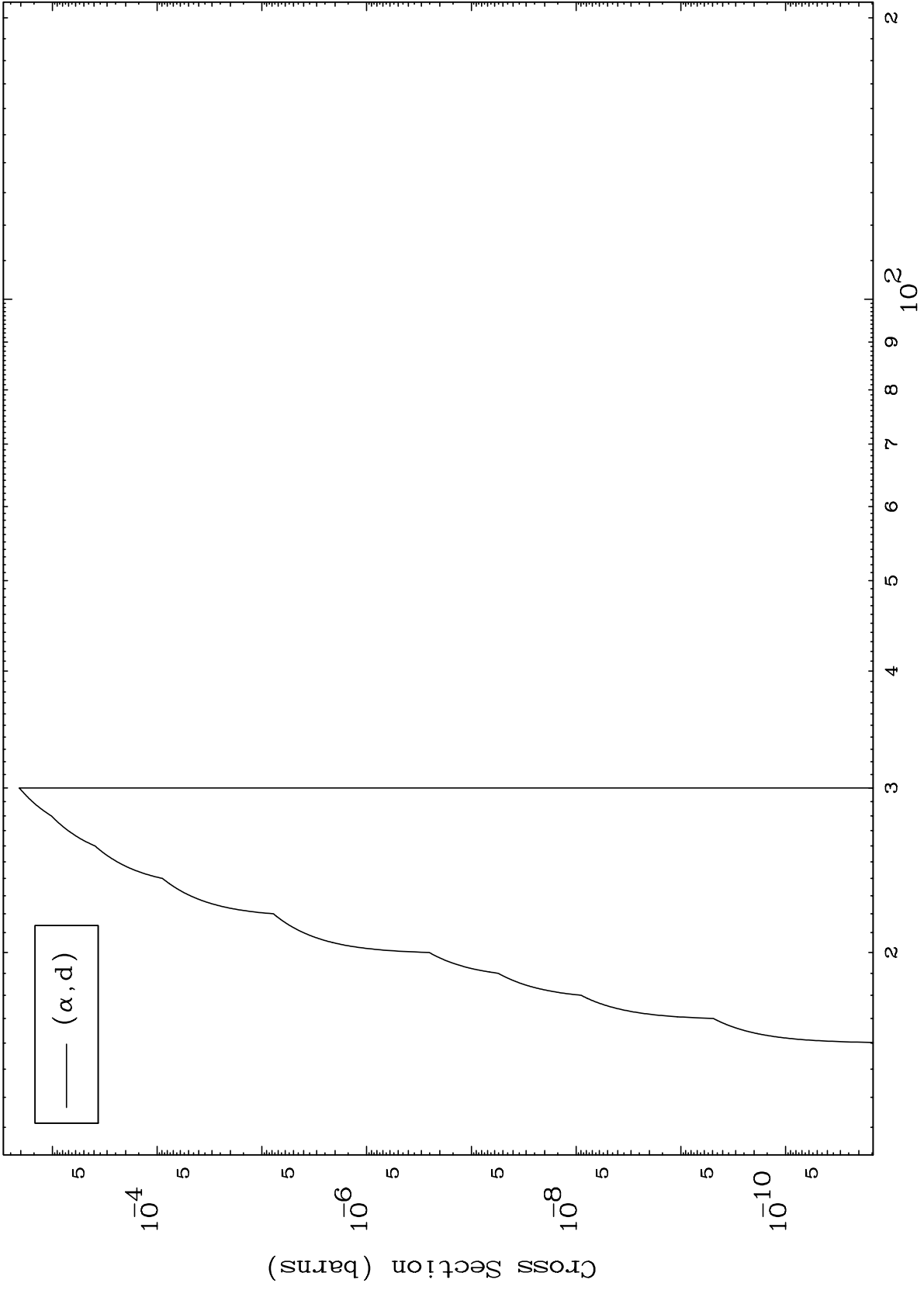
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



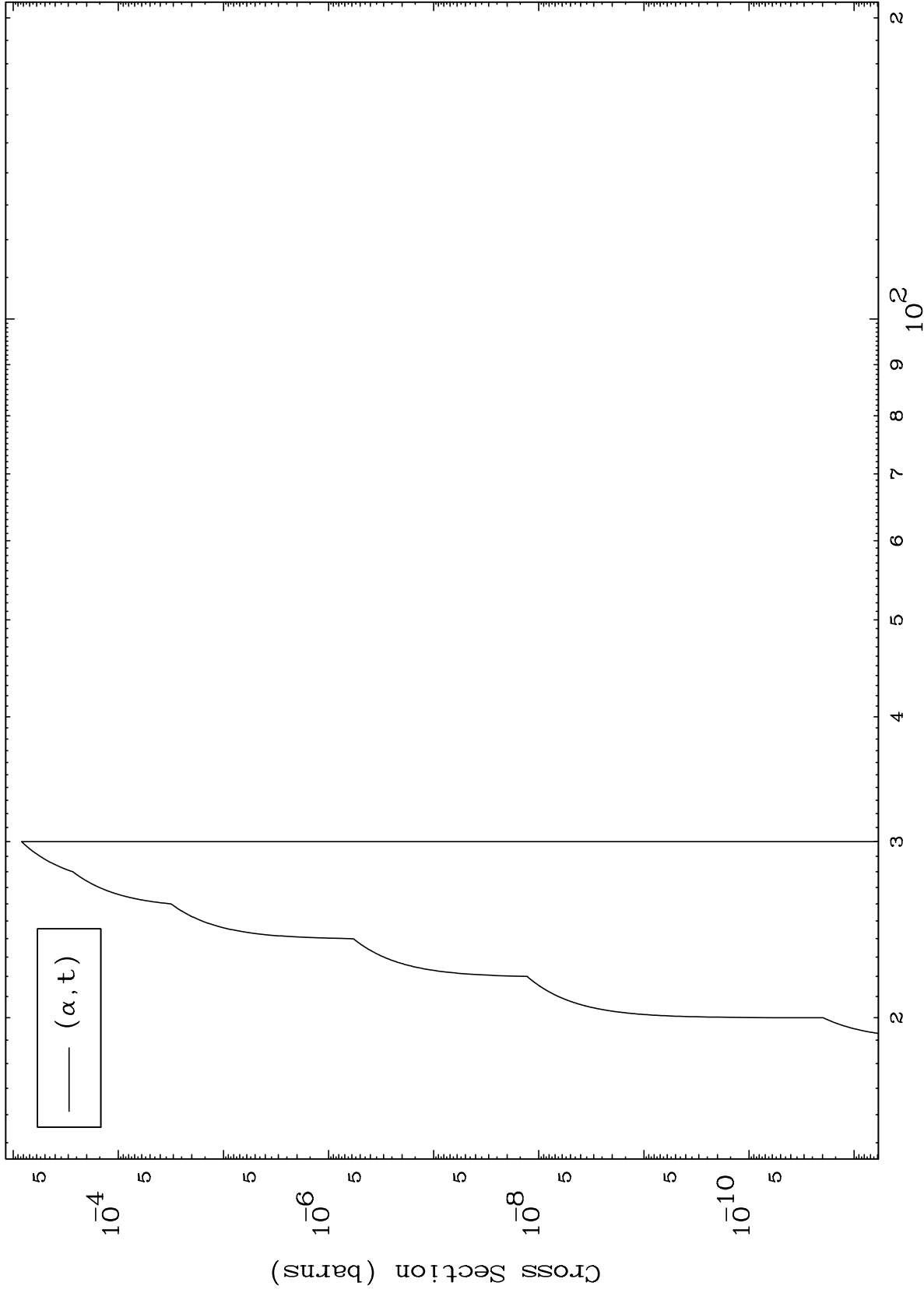
61-Pm-139

Incident Energy (MeV)

6



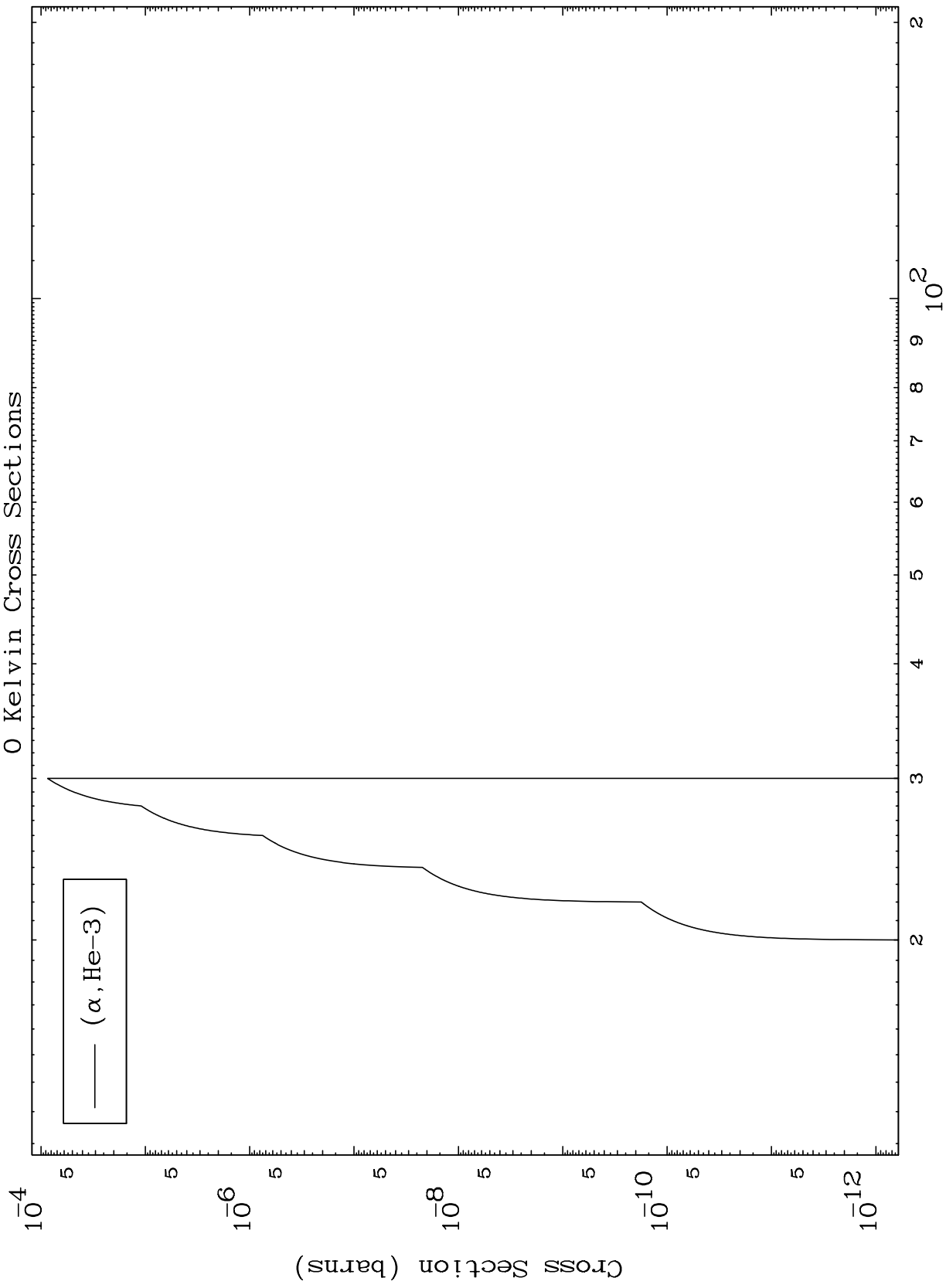




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61-Pm-139

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections



61-Pm-139

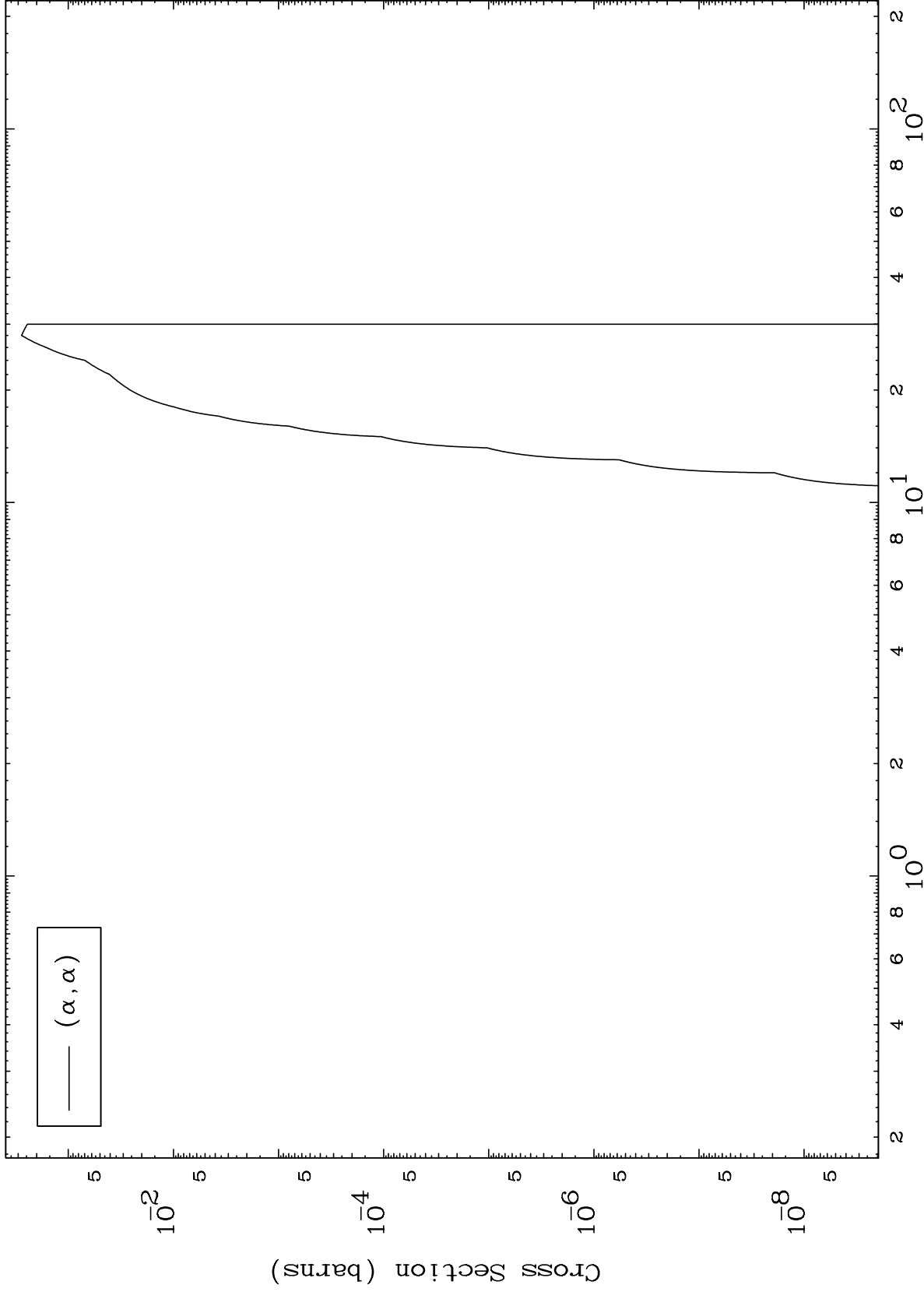
Incident Energy (MeV)

MAT 6125

( $\alpha, \alpha$ ) Levels

61-Pm-139

0 Kelvin Cross Sections

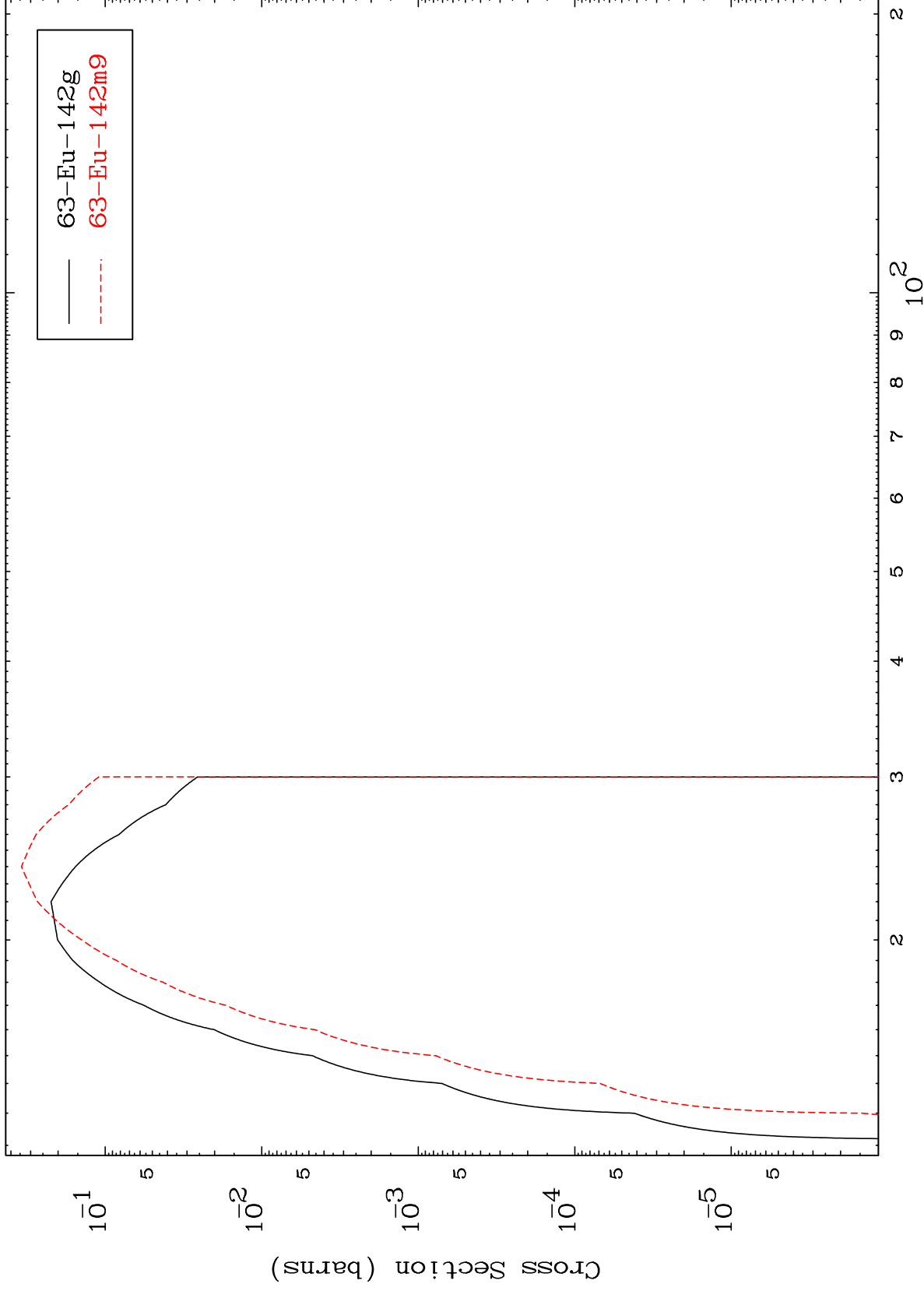


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Incident Energy (MeV)

61-Pm-139

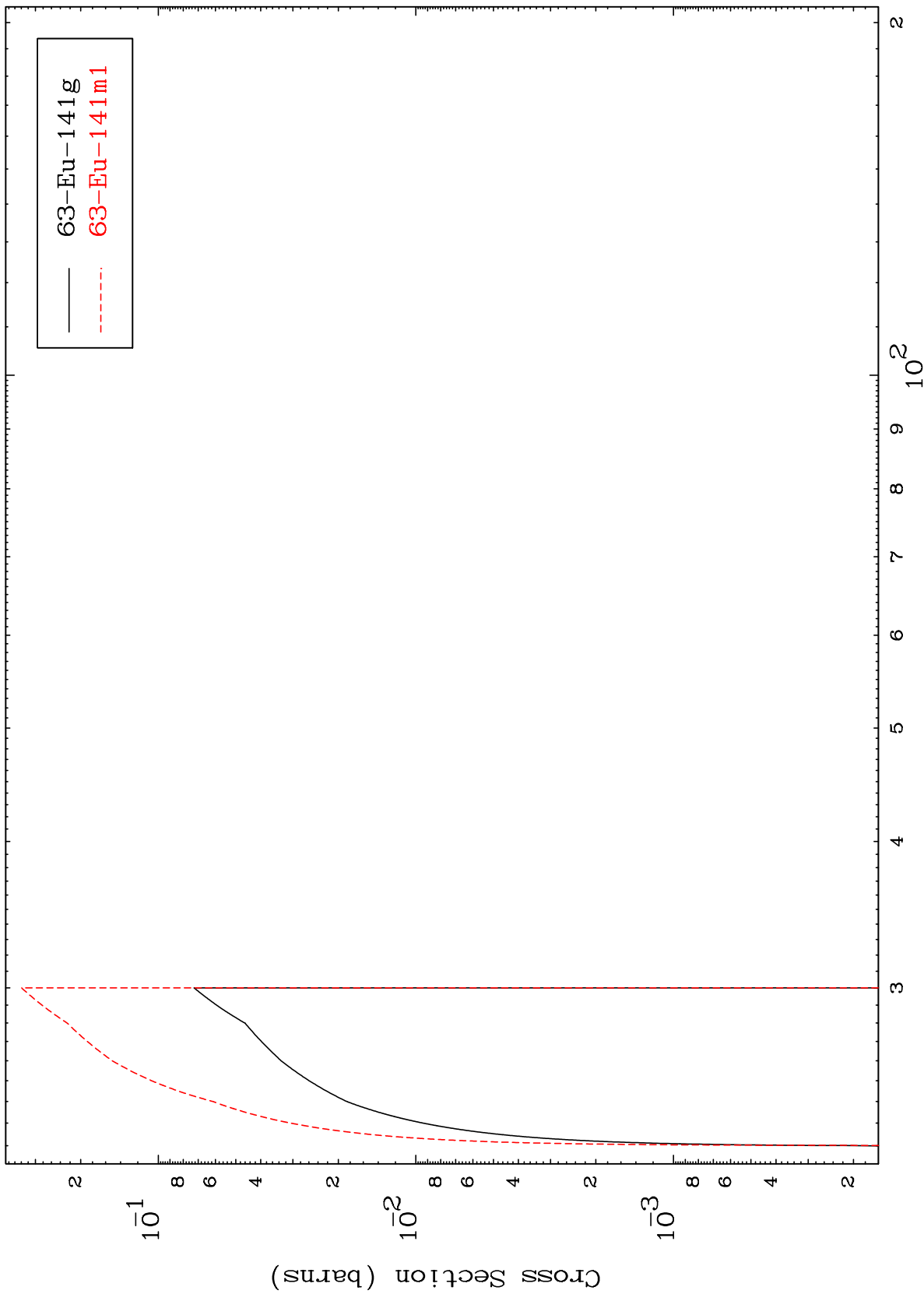
Radionuclide Production Cross Section



MAT 6125

61-Pm-139

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



61-Pm-139

Incident Energy (MeV)

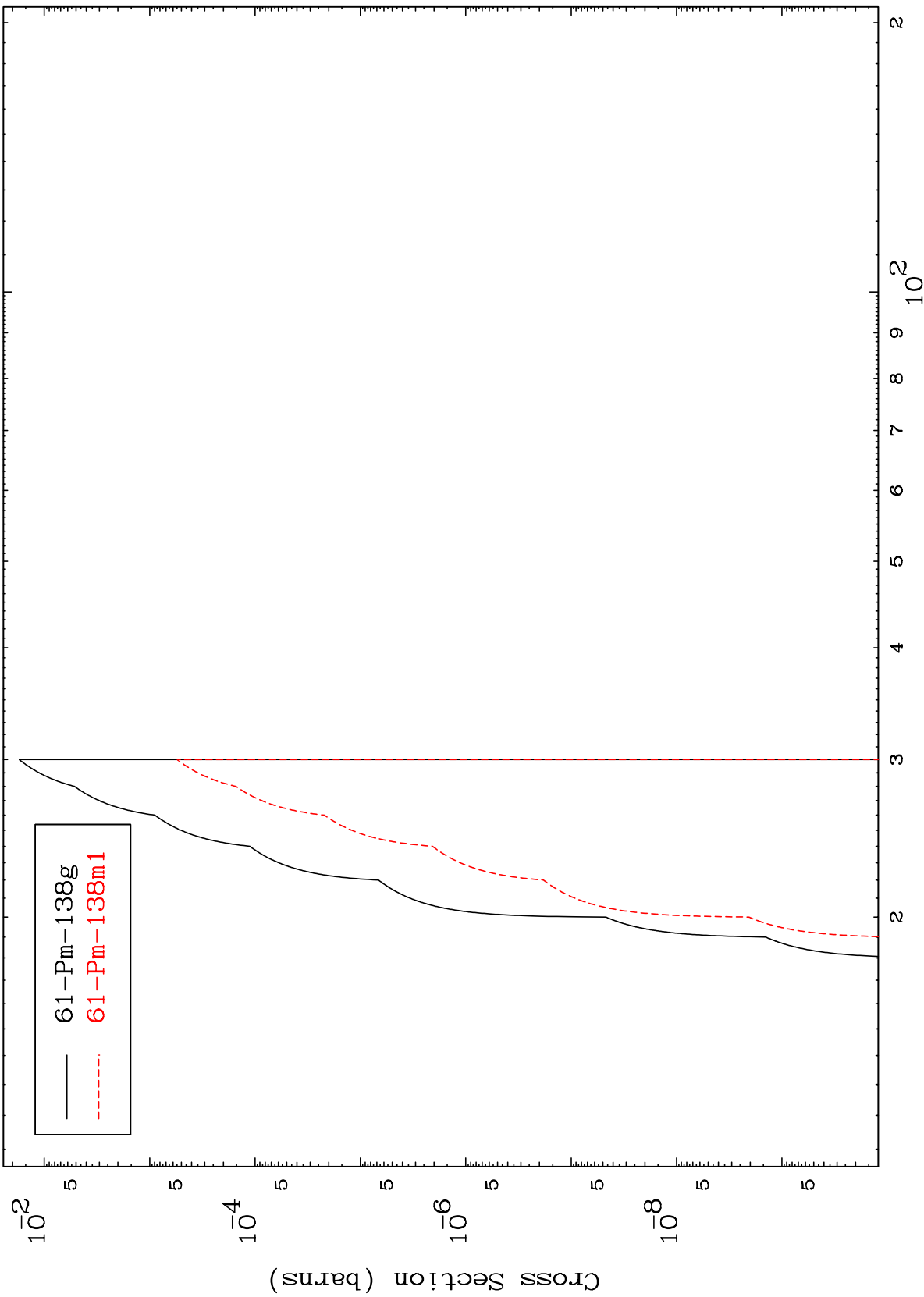
12

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

61-Pm-139

Radionuclide Production Cross Section

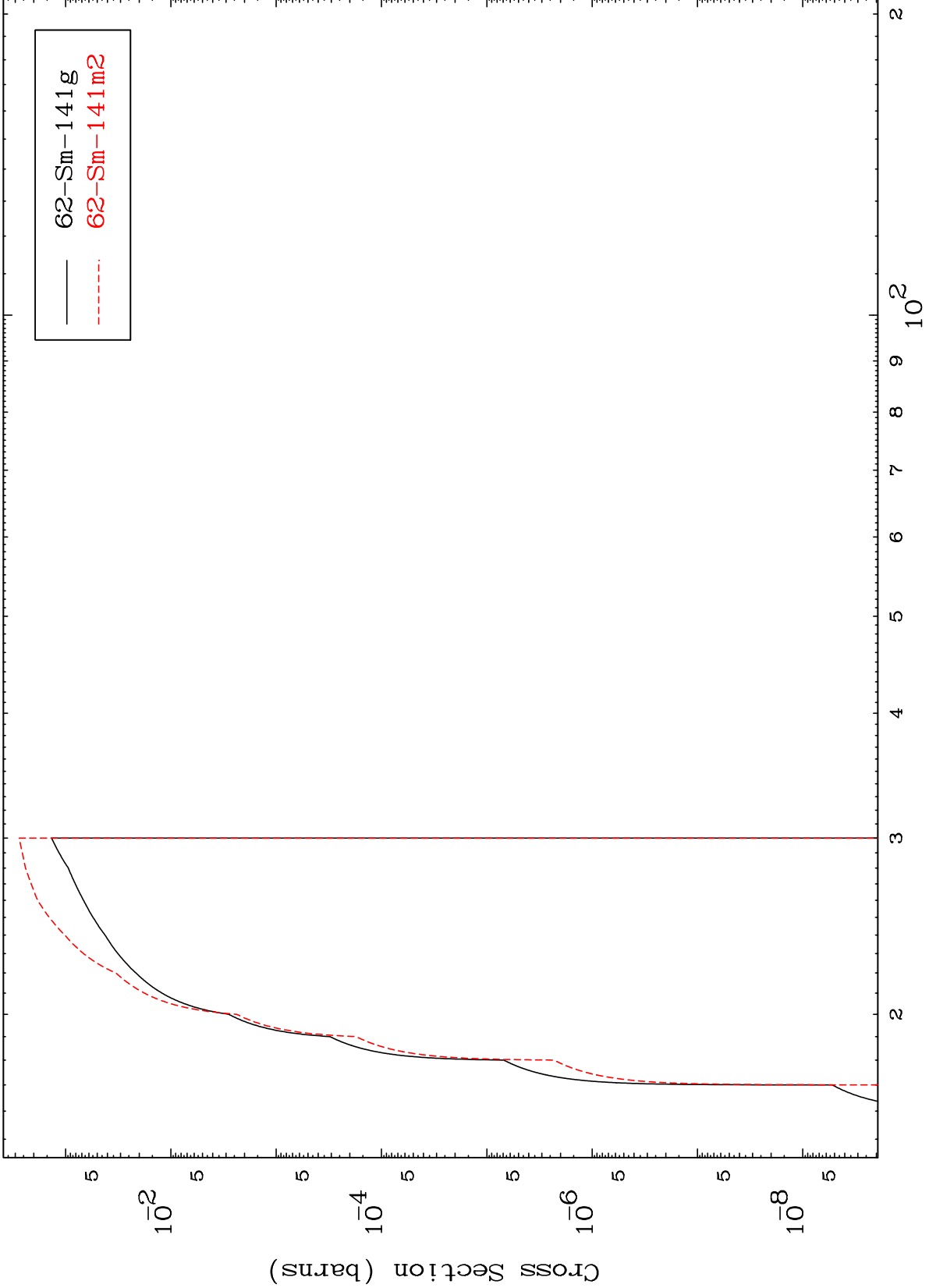


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$(\alpha, n')$  p

61-Pm-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

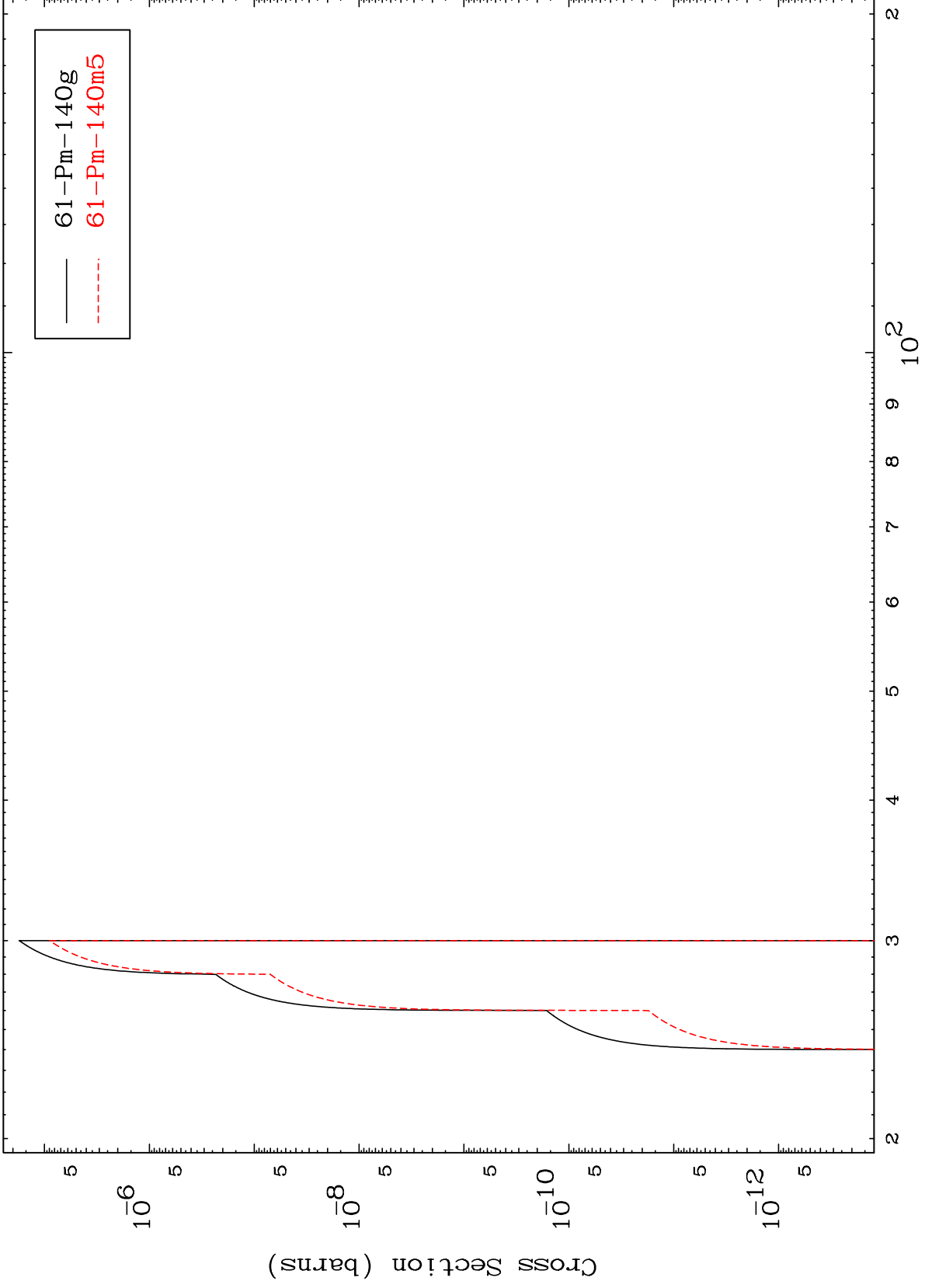
61-Pm-139

MAT 6125

$(\alpha, 2n)$  p

61-Pm-139

Radionuclide Production Cross Section

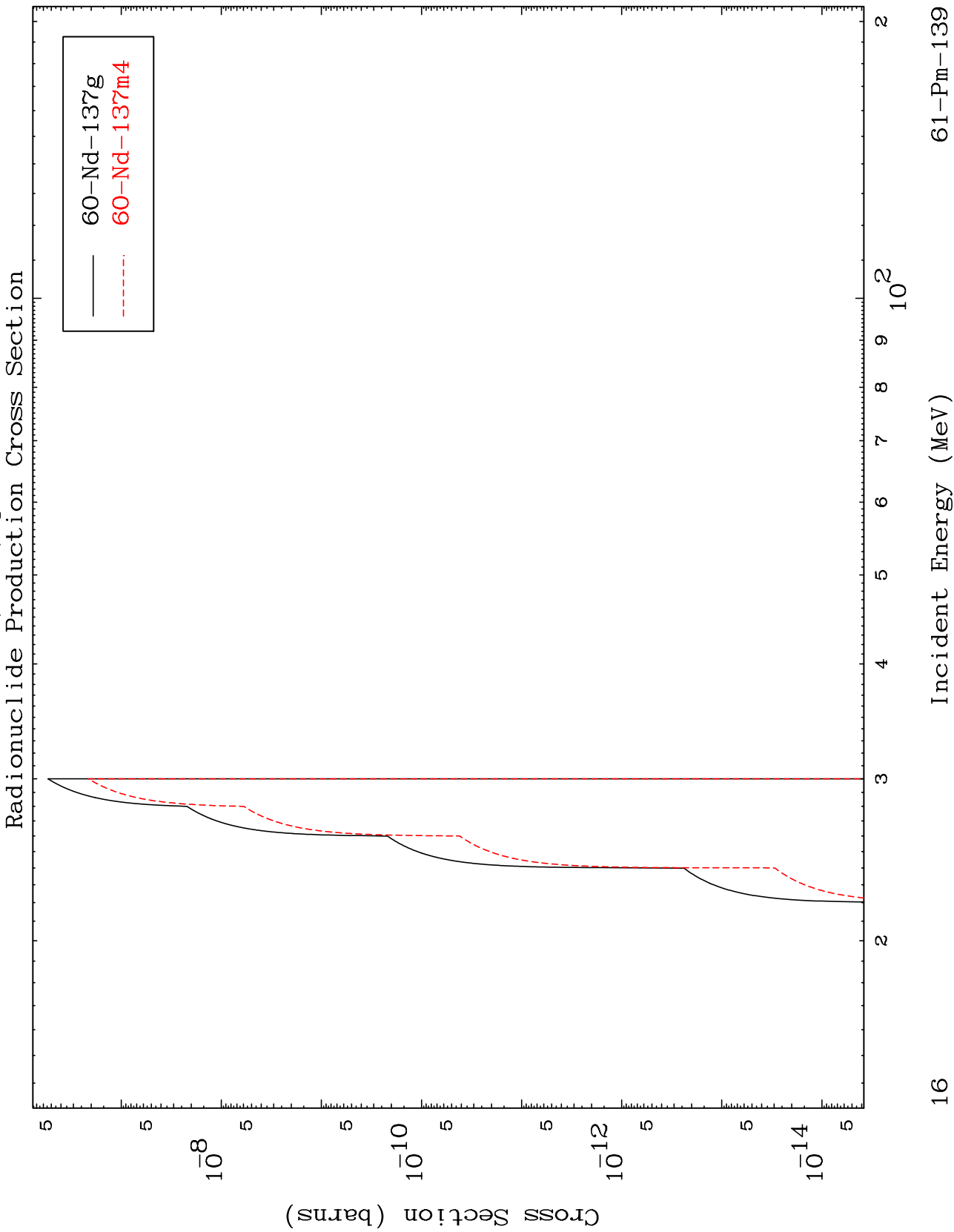


15

Incident Energy (MeV)

61-Pm-139

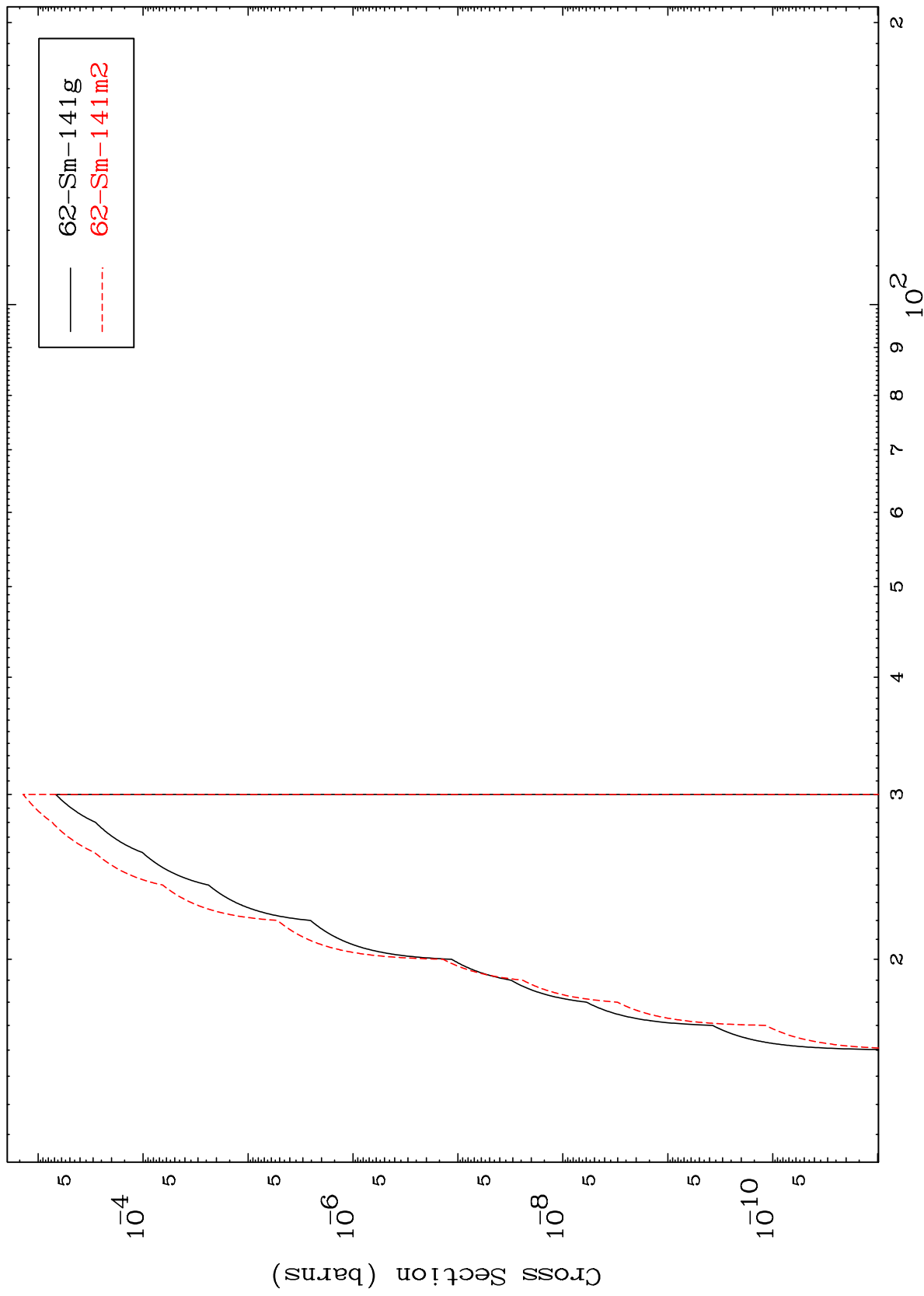




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61-Pm-139

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



61-Pm-139

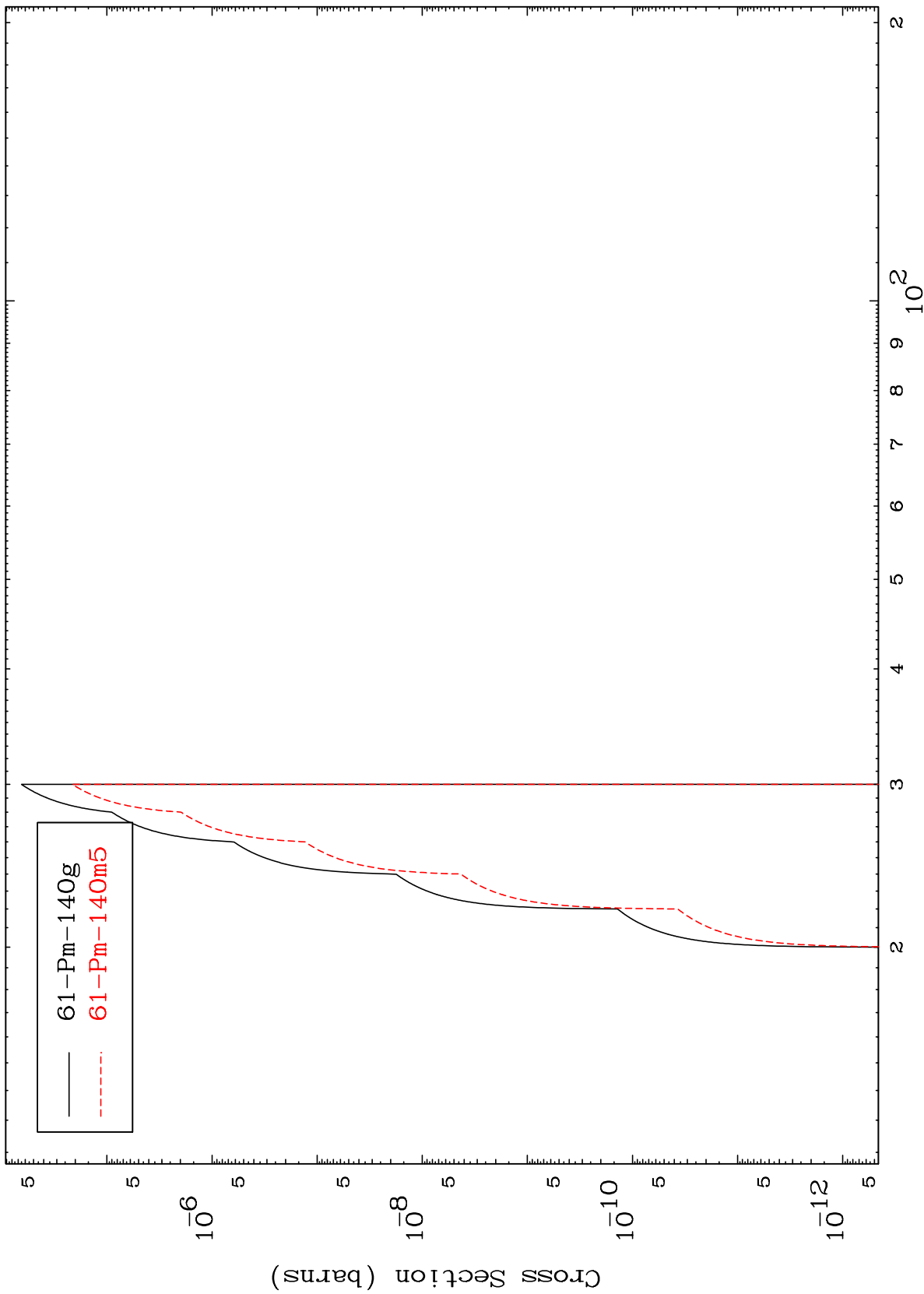
Incident Energy (MeV)

17

MAT 6125

61-Pm-139

( $\alpha, \text{He-3}$ )  
Radionuclide Production Cross Section



61-Pm-139

Incident Energy (MeV)

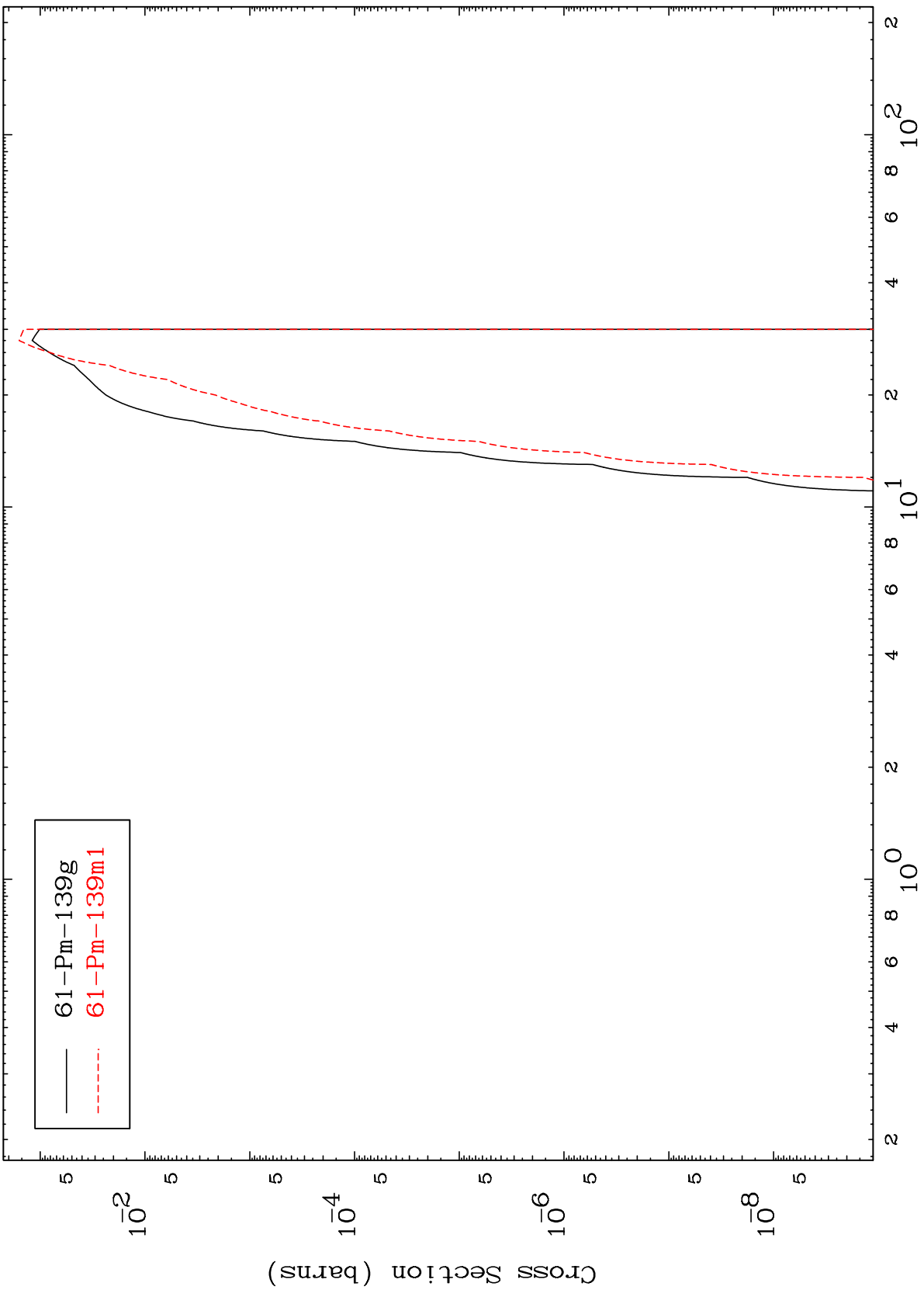
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( $\alpha, \alpha$ )

61-Pm-139

Radionuclide Production Cross Section



61-Pm-139g  
61-Pm-139m1

19

Incident Energy (MeV)

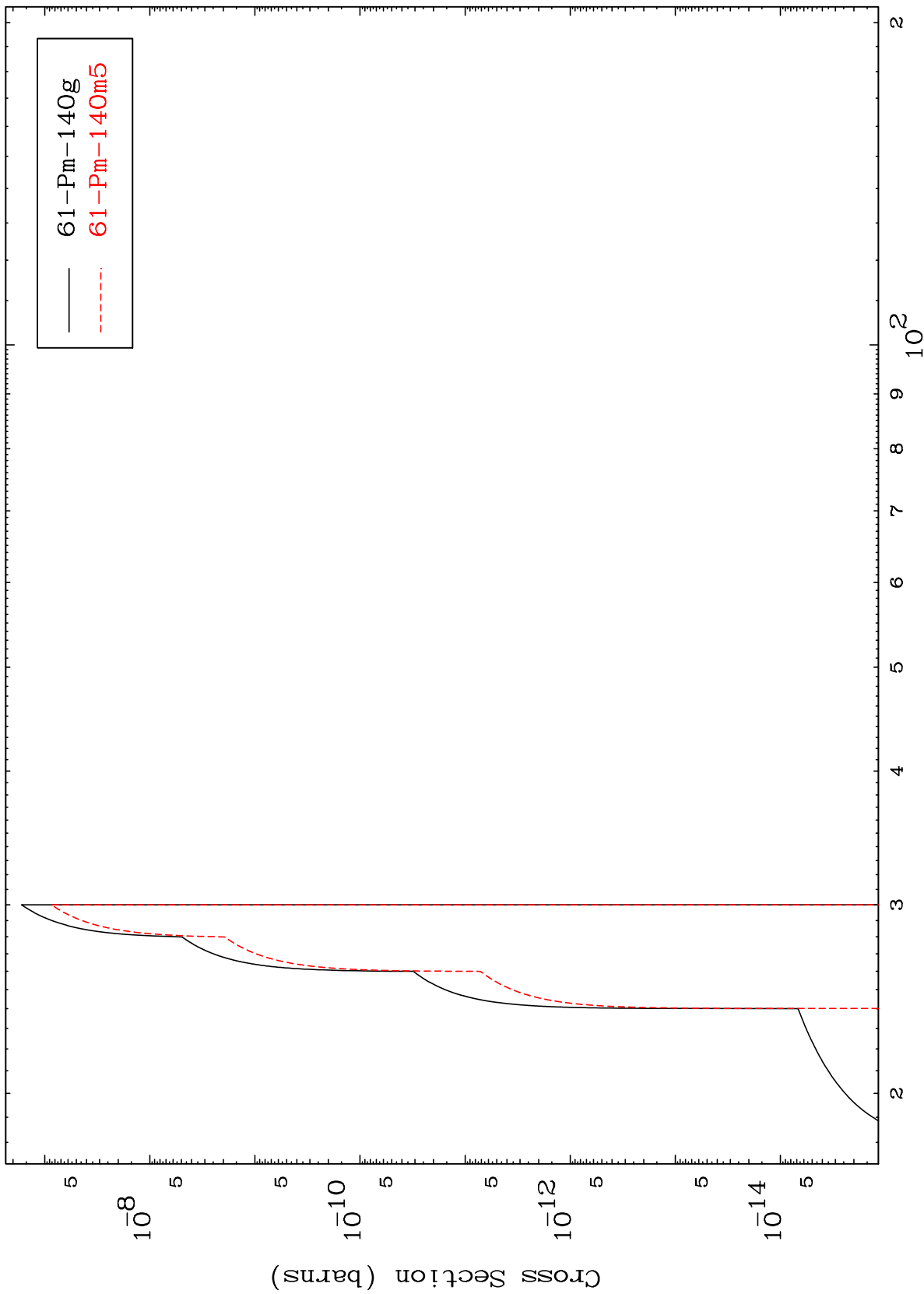
61-Pm-139

MAT 6125

( $\alpha, p$ ) d

61-Pm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139

Radionuclide Production Cross Section

