

Program EVALPLOT  
(Version 2018-1)

by

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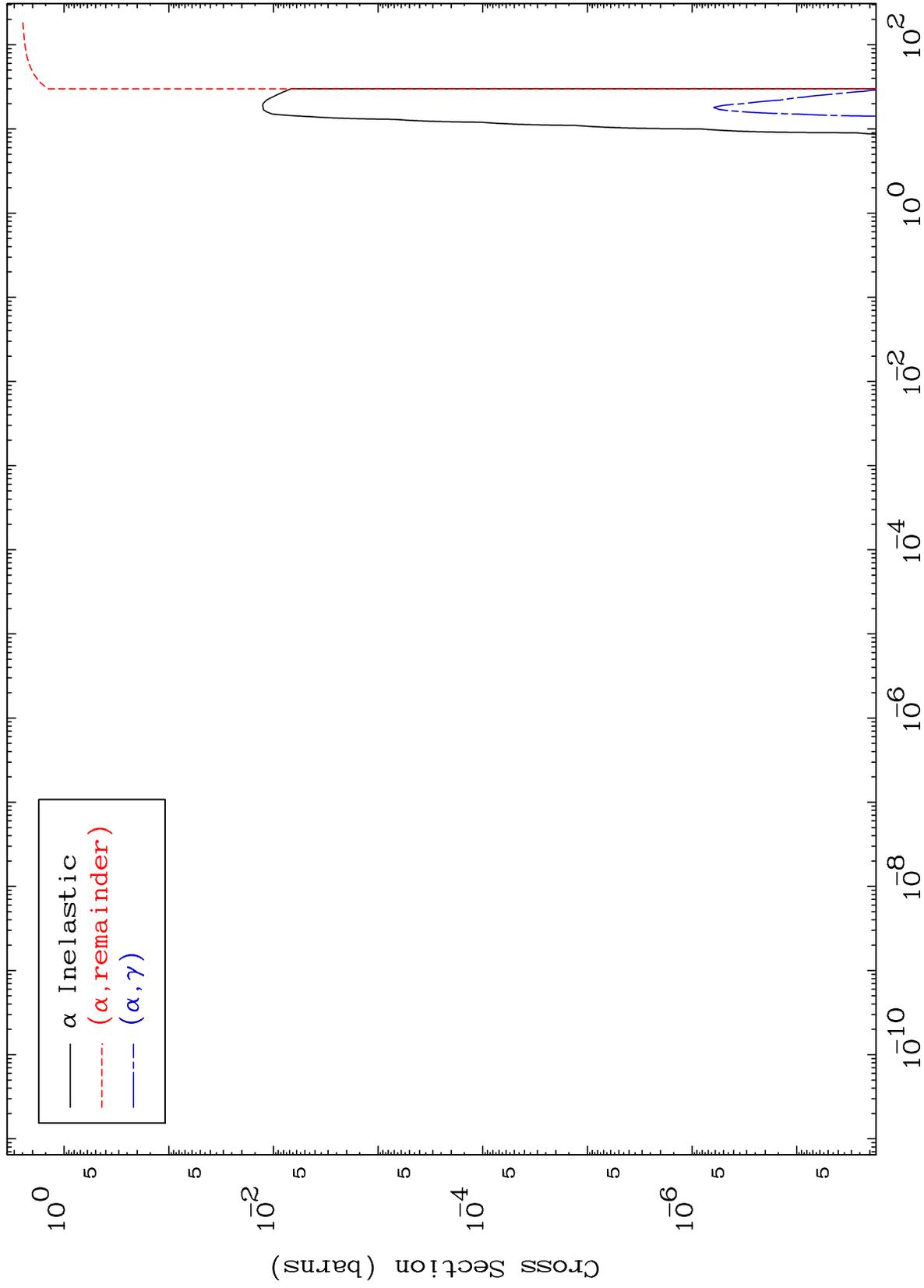
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6171

0 Kelvin  $\alpha$  Major  
Cross Sections

61-Pm-154

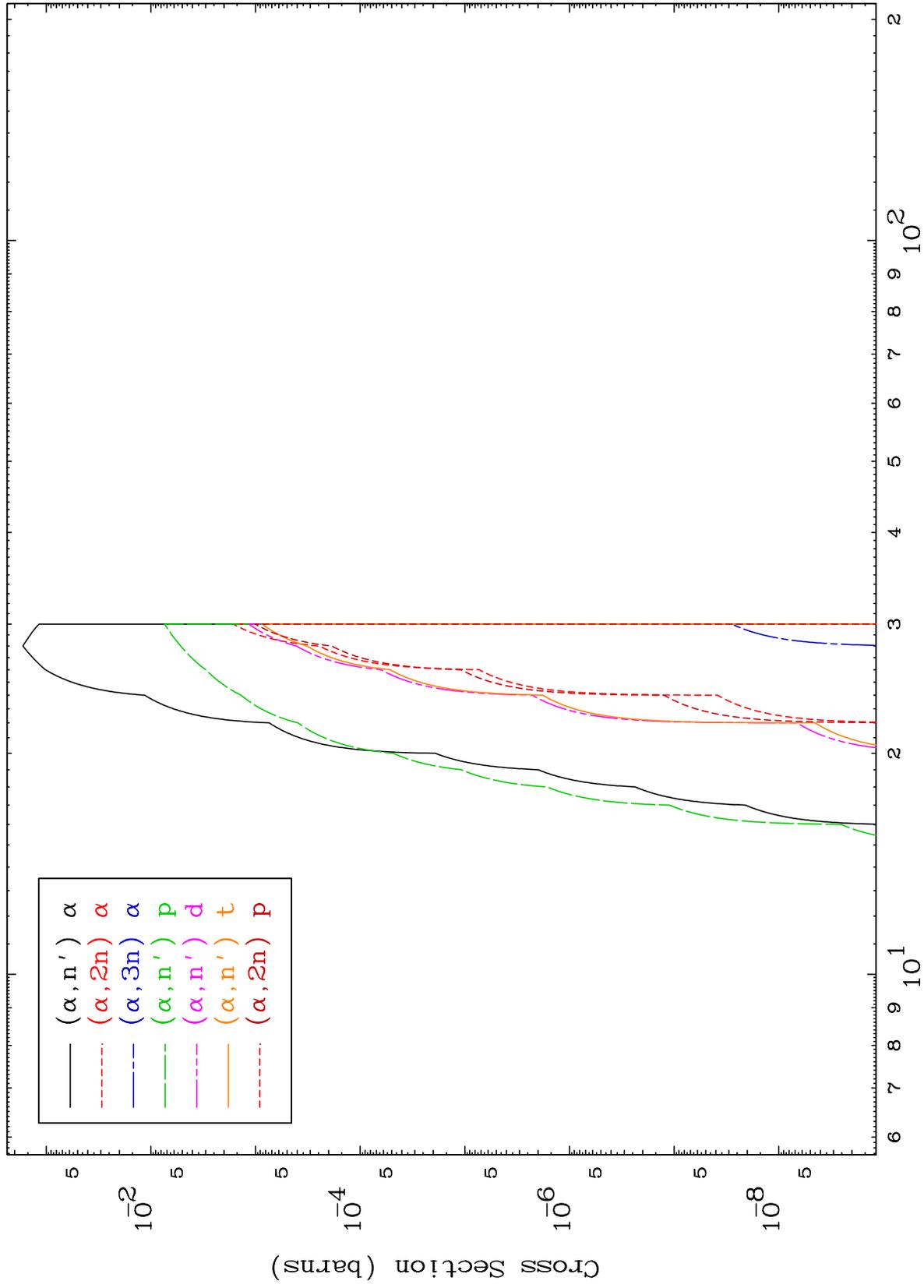




MAT 6171

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

61-Pm-154



3

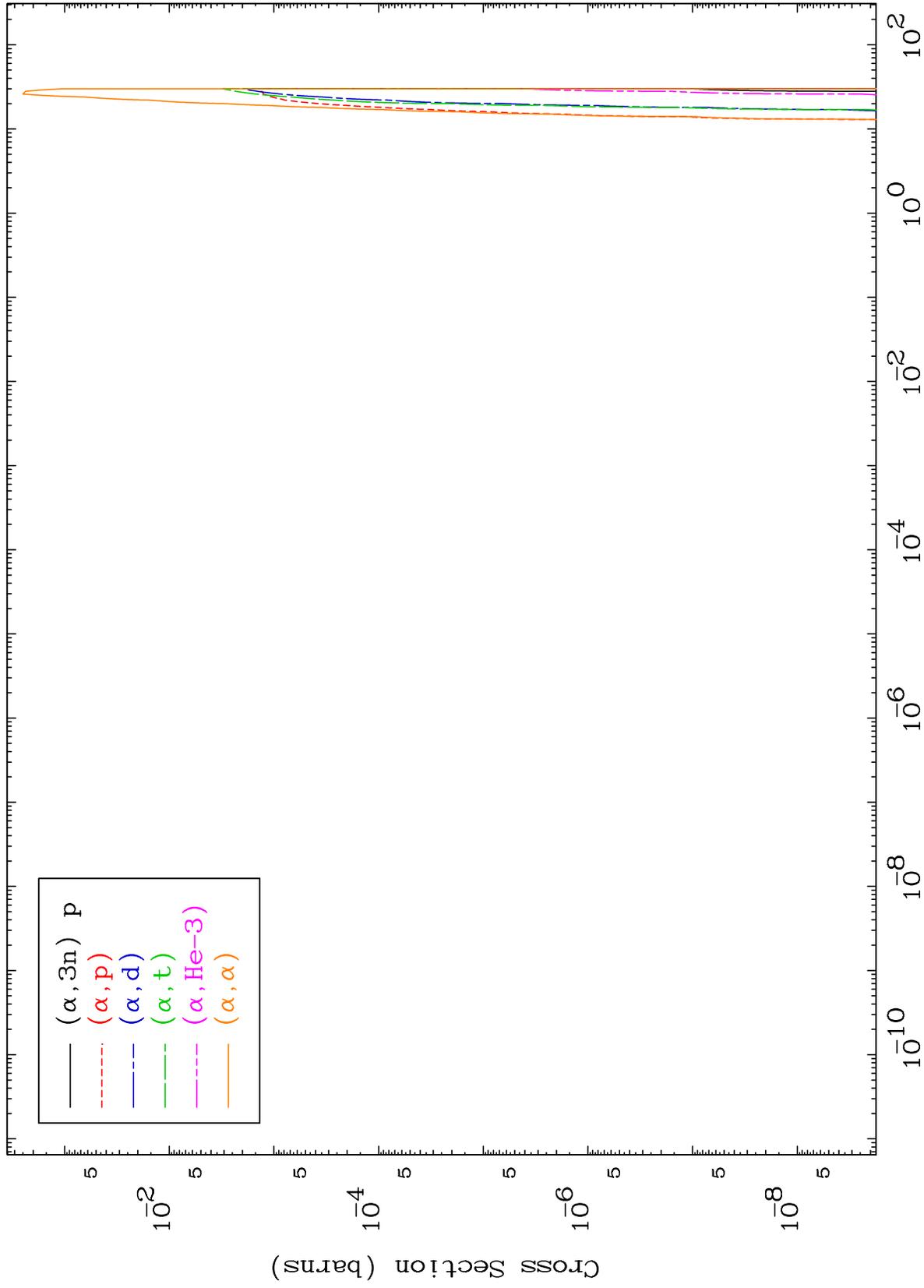
Incident Energy (MeV)

61-Pm-154

MAT 6171

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

61-Pm-154

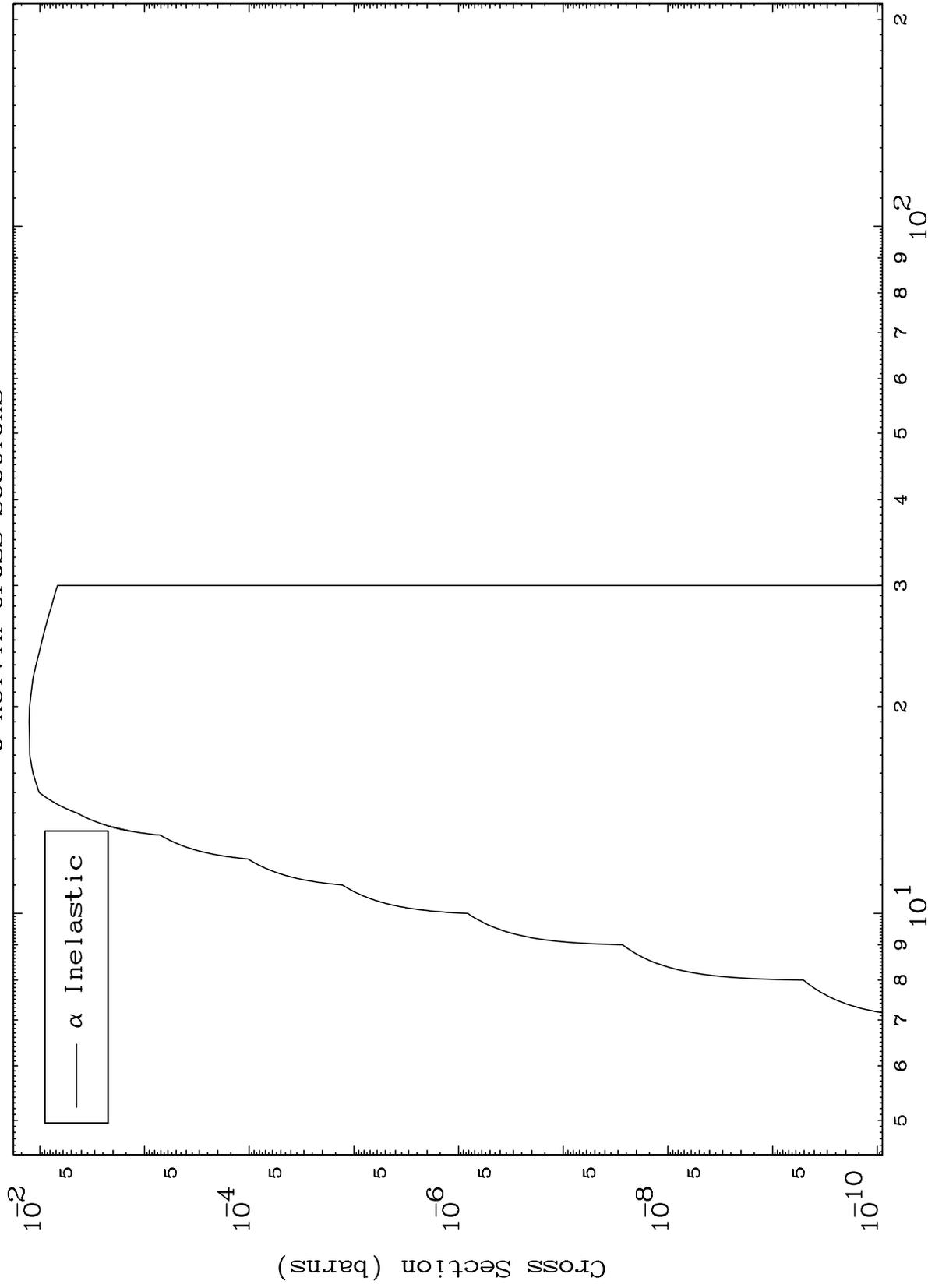


61-Pm-154

MAT 6171

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

61-Pm-154



5

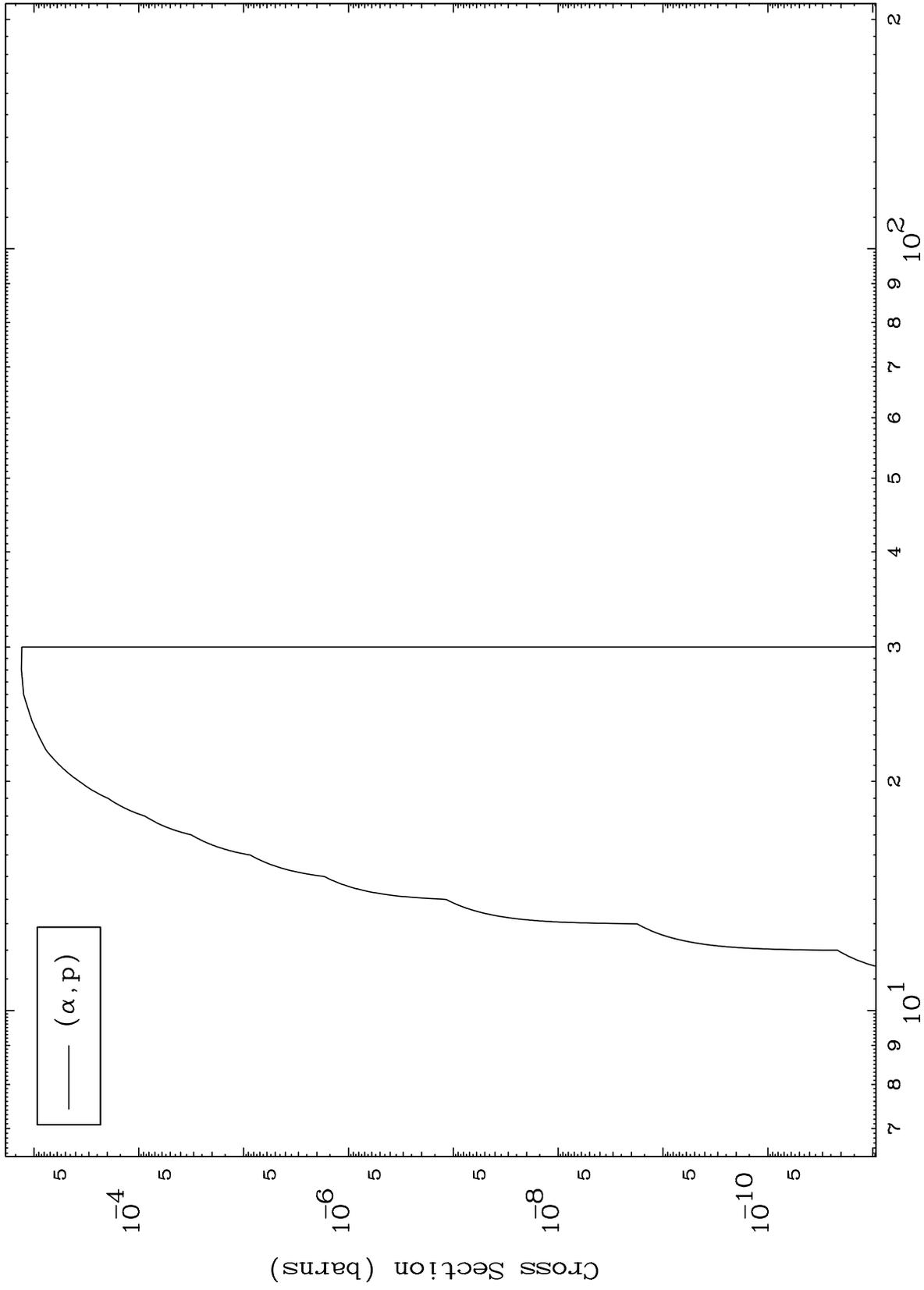
Incident Energy (MeV)

61-Pm-154

MAT 6171

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

61-Pm-154



6

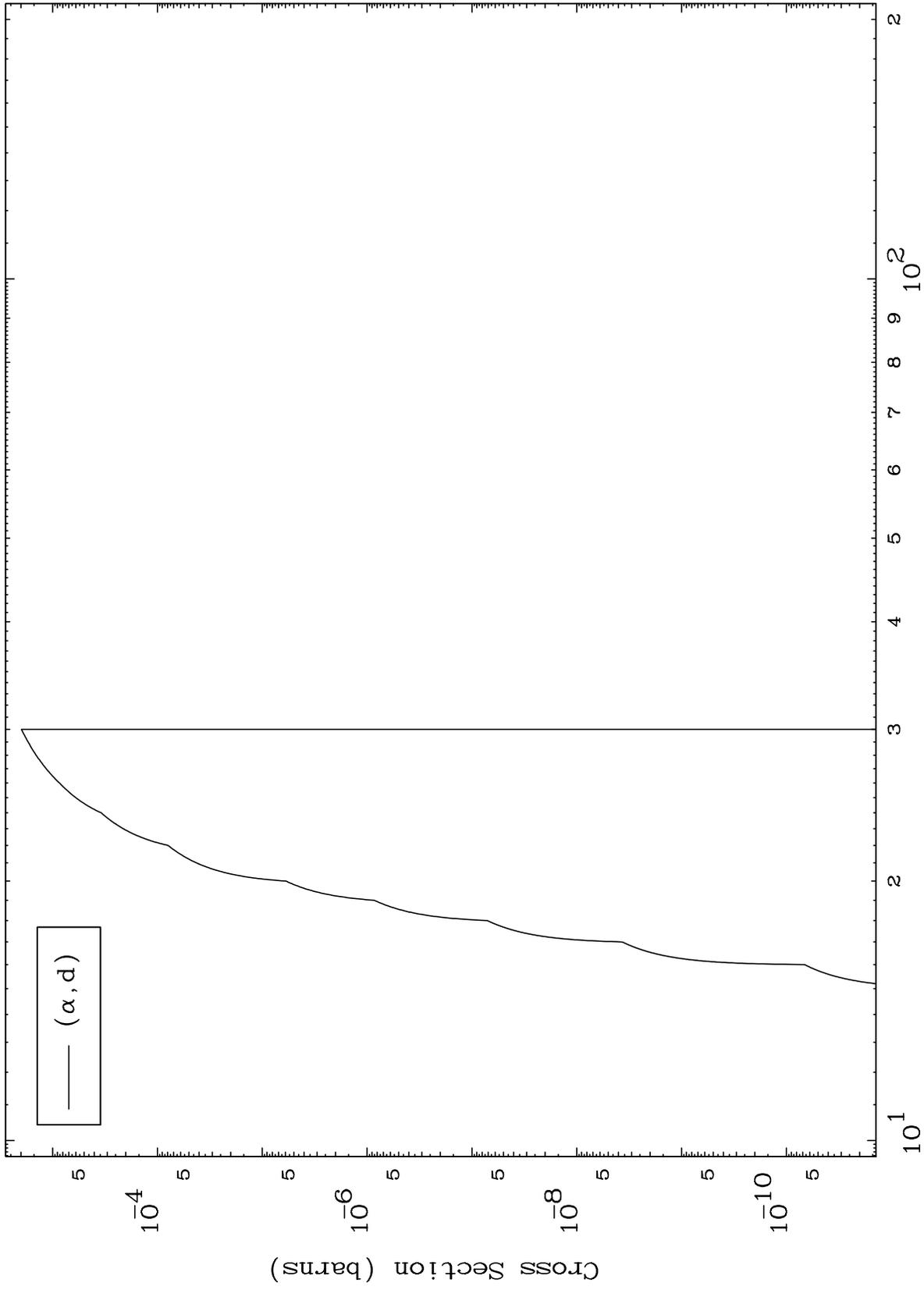
Incident Energy (MeV)

61-Pm-154

MAT 6171

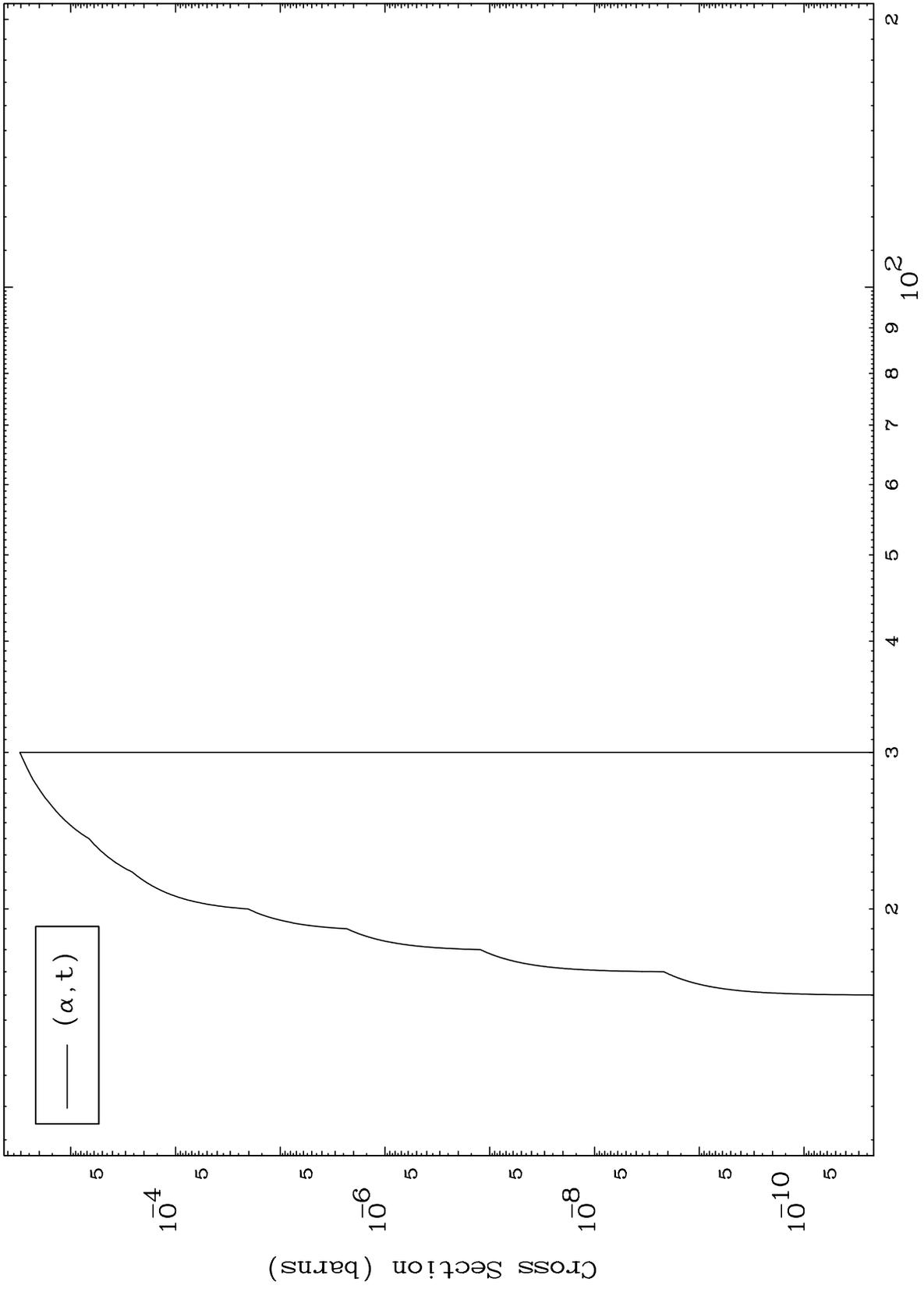
( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

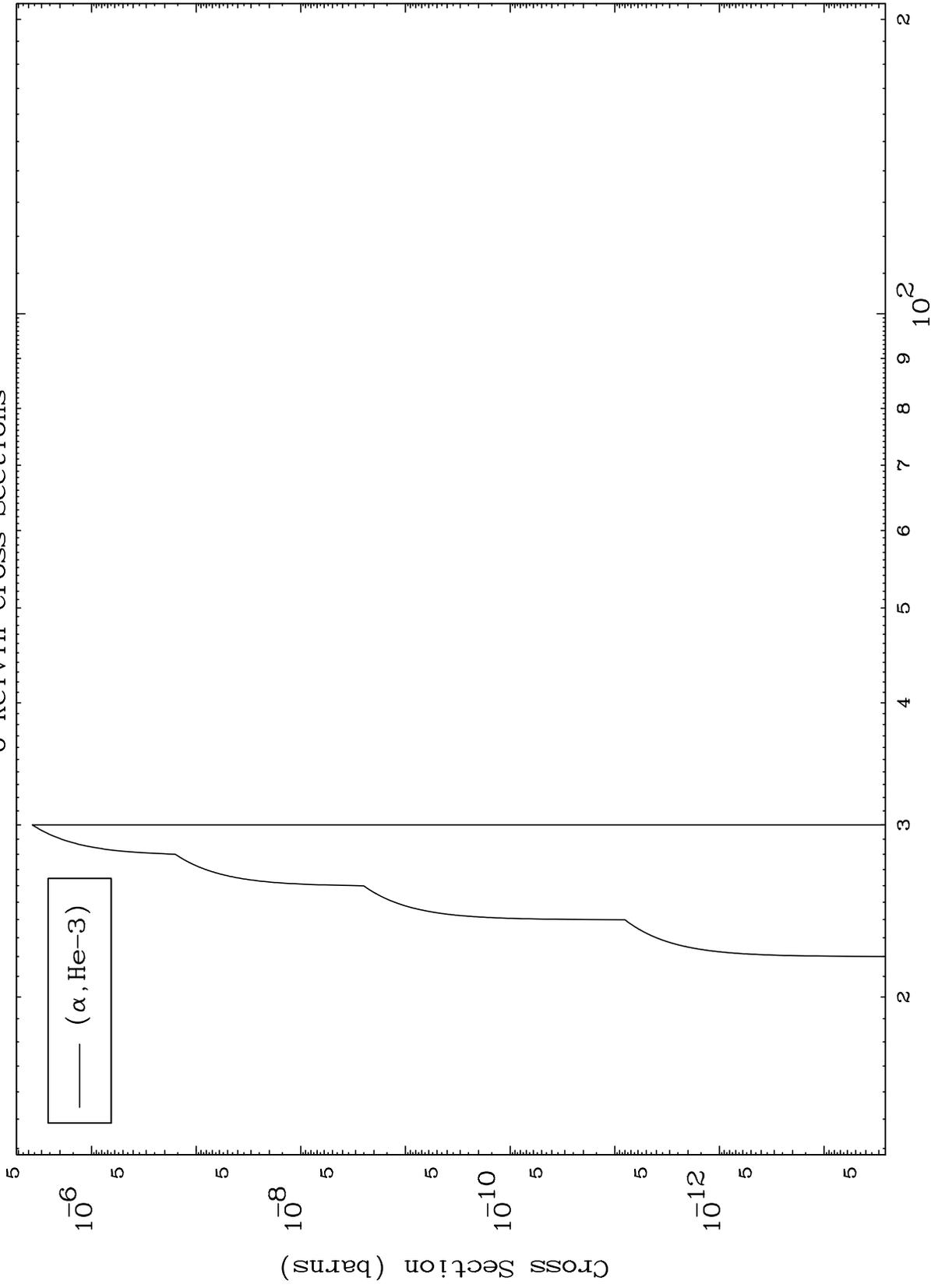
61-Pm-154



61-Pm-154

61-Pm-154

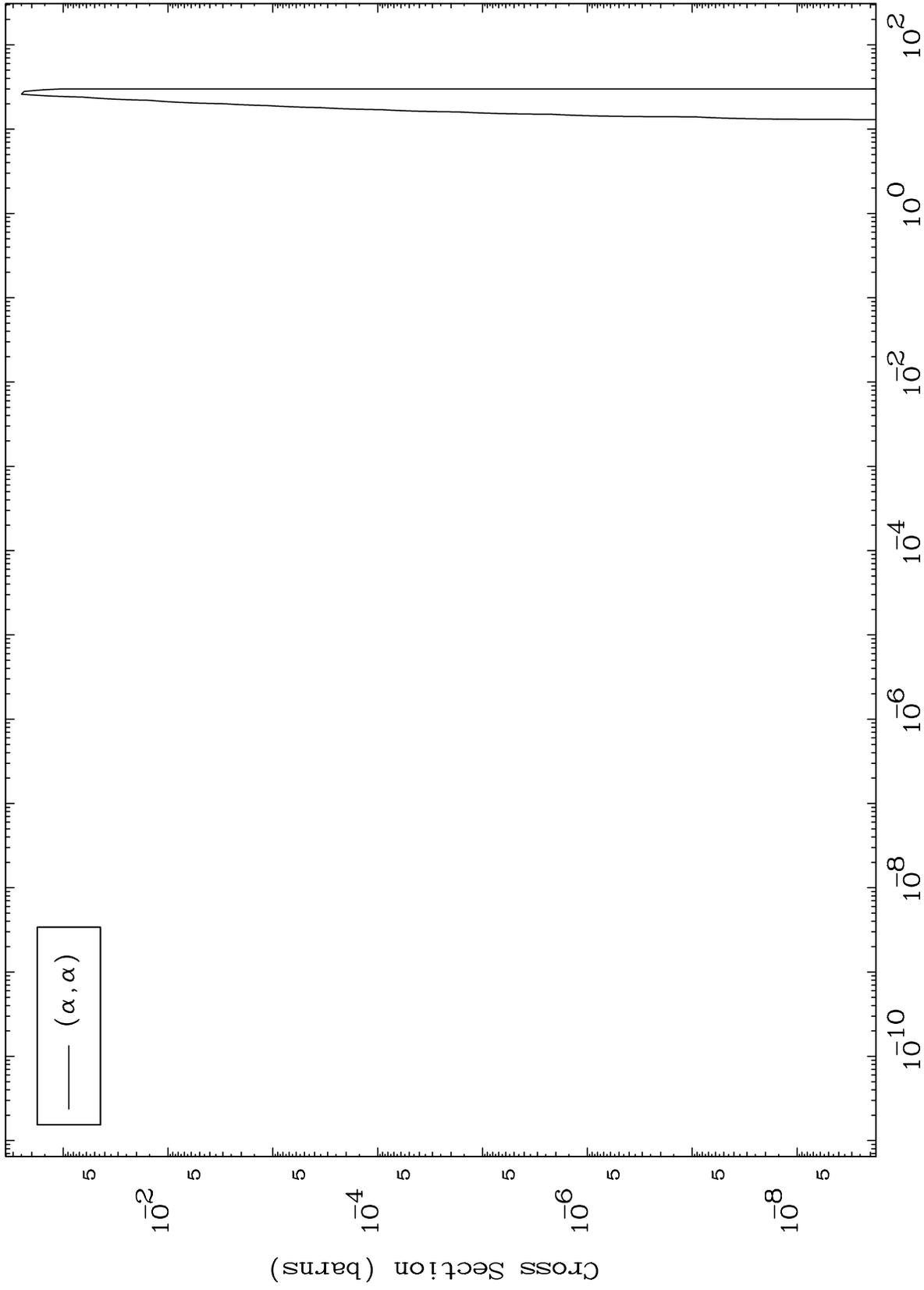




MAT 6171

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

61-Pm-154



10

Incident Energy (MeV)

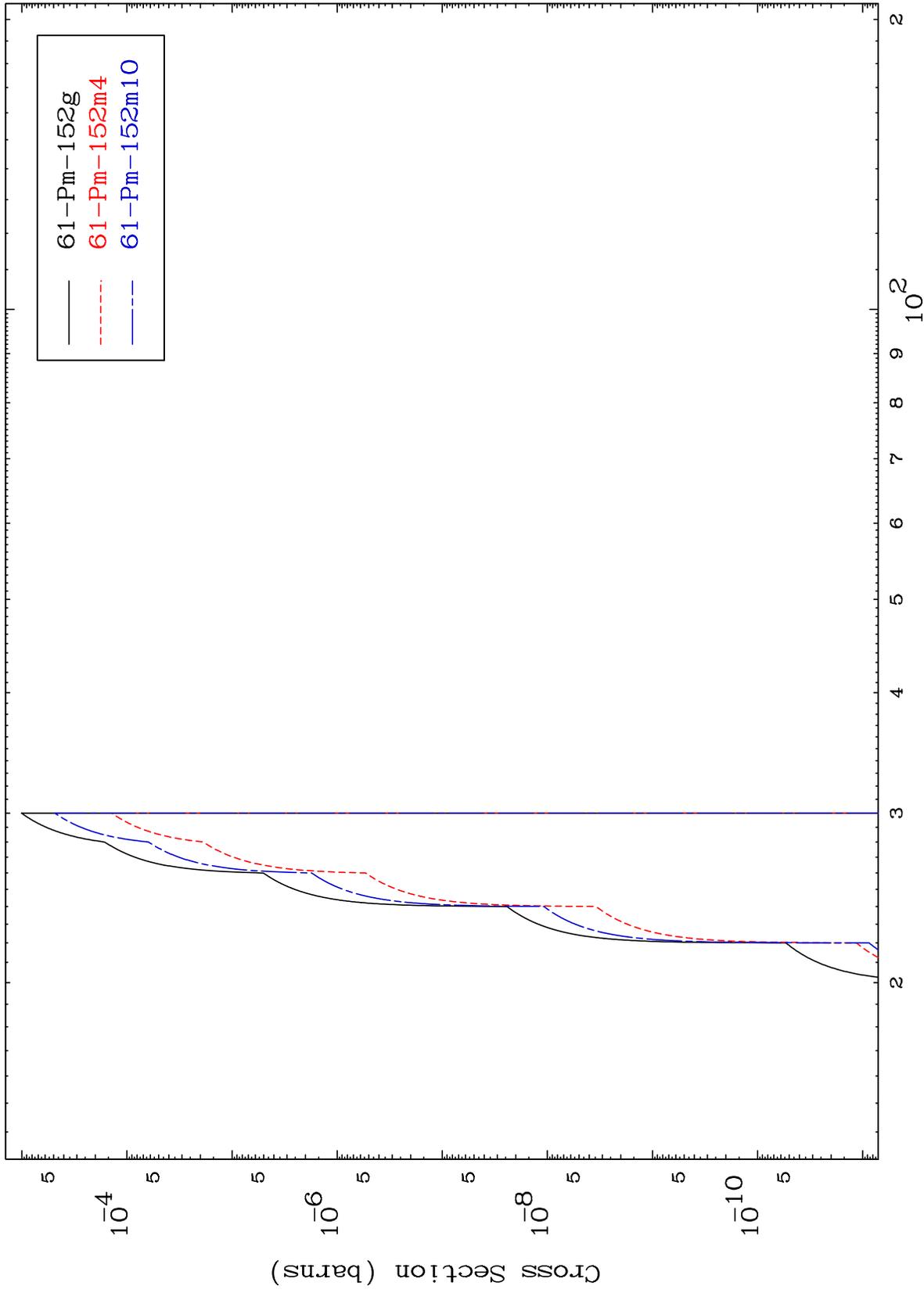
61-Pm-154

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$(\alpha, 2n) \alpha$

61-Pm-154

Radionuclide Production Cross Section



11

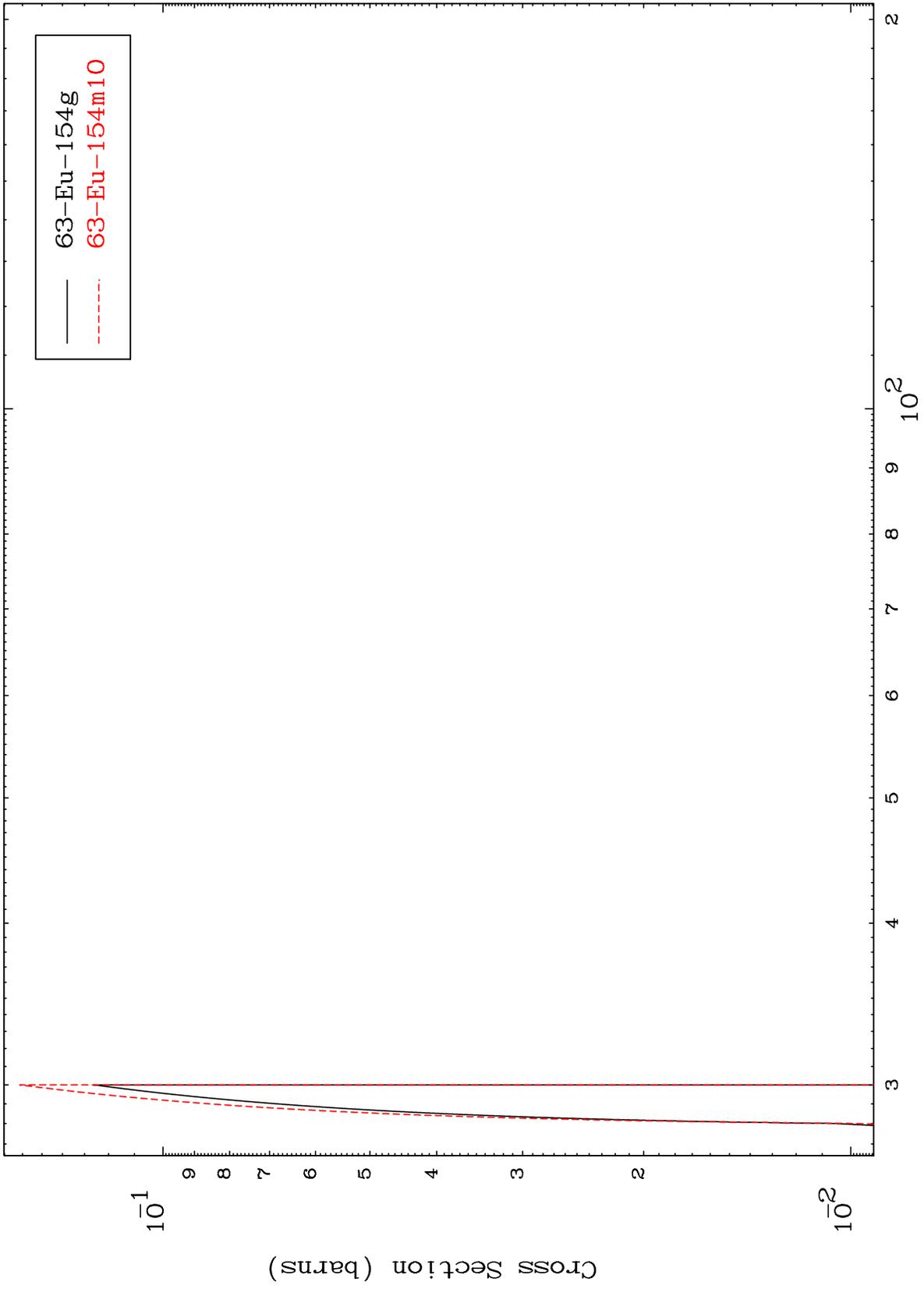
Incident Energy (MeV)

61-Pm-154

MAT 6171

61-Pm-154

$(\alpha, 4n)$   
Radionuclide Production Cross Section



12

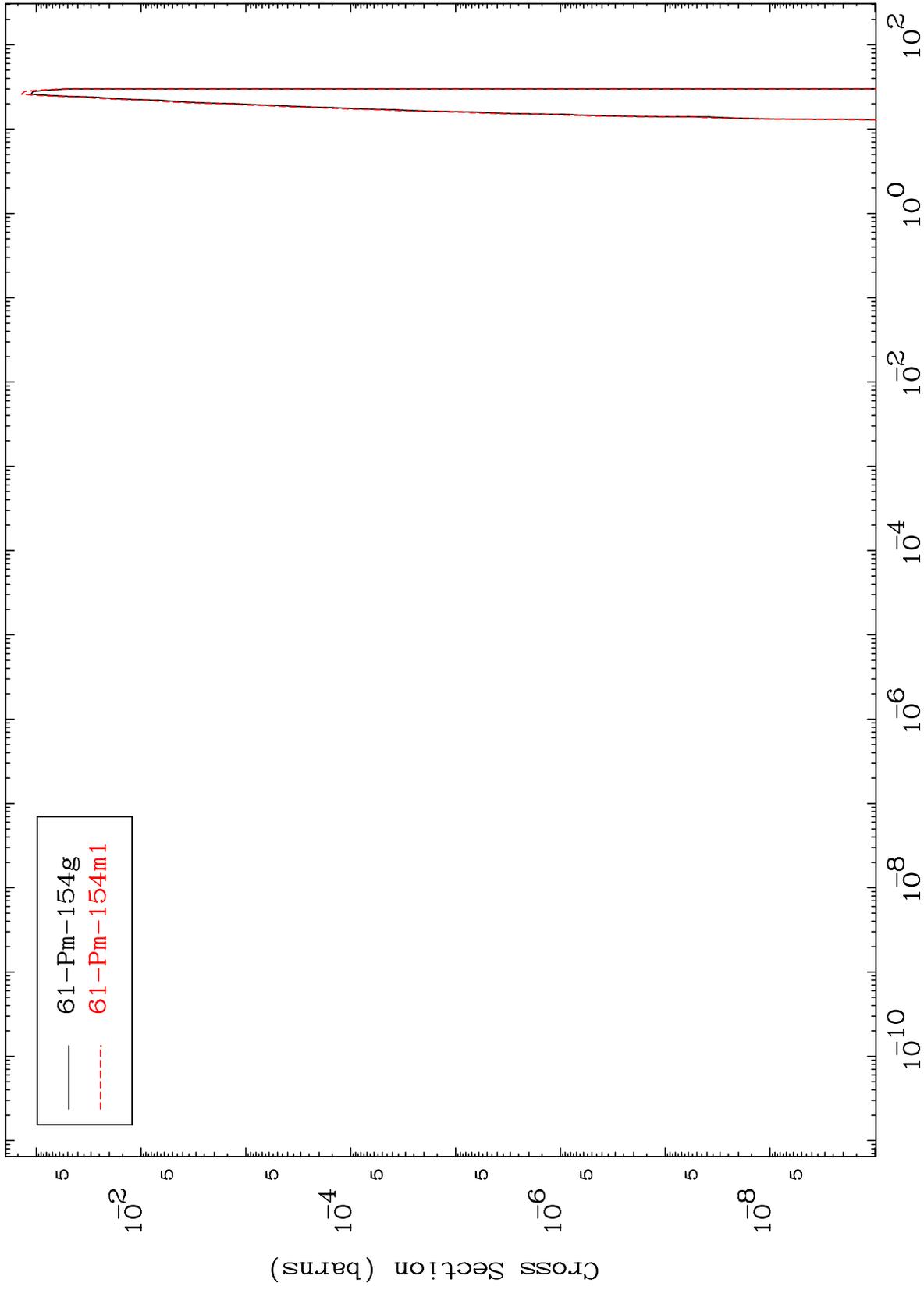
61-Pm-154

MAT 6171

( $\alpha, \alpha$ )

61-Pm-154

Radionuclide Production Cross Section



13

Incident Energy (MeV)

61-Pm-154