

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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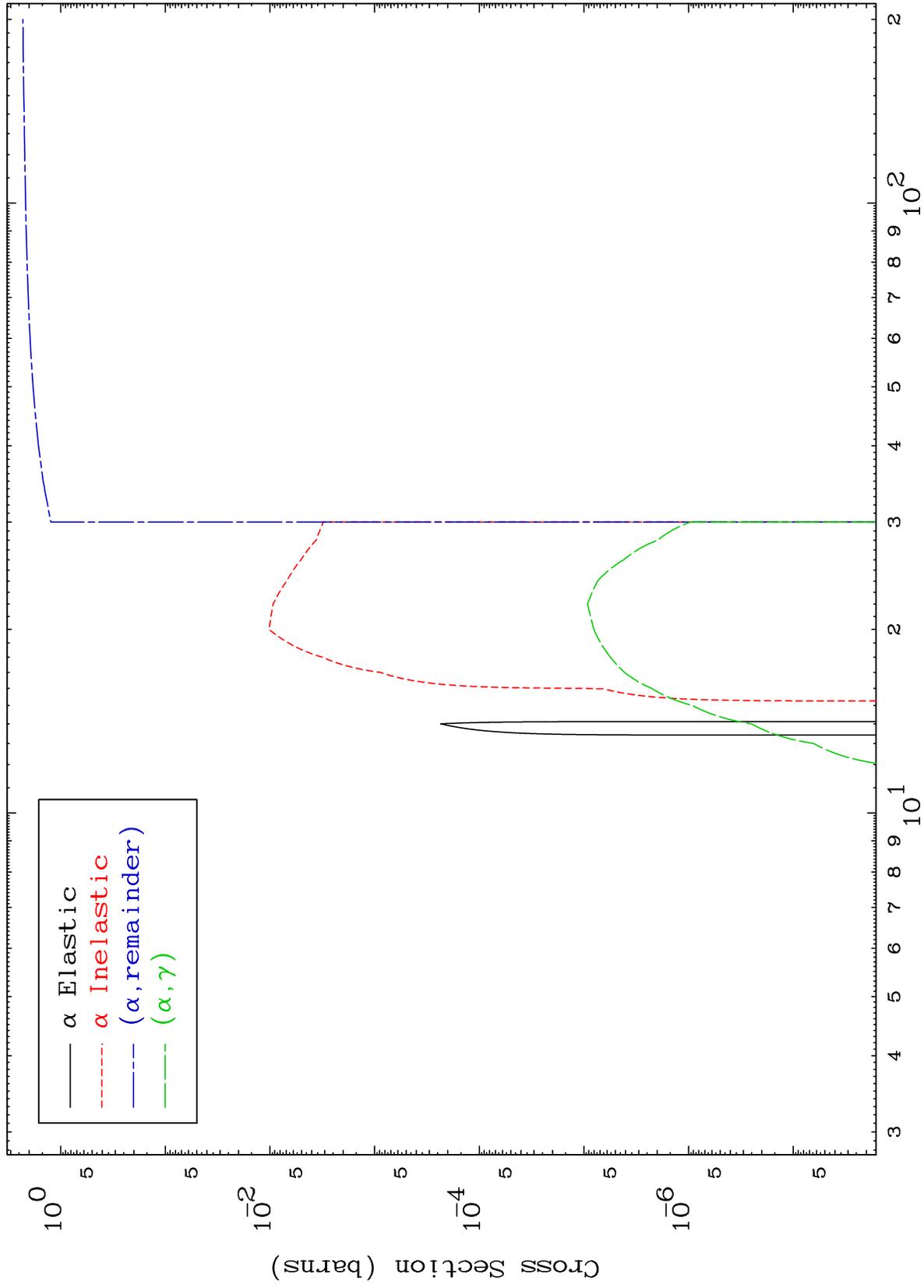
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6107

$\alpha$  Major  
0 Kelvin Cross Sections

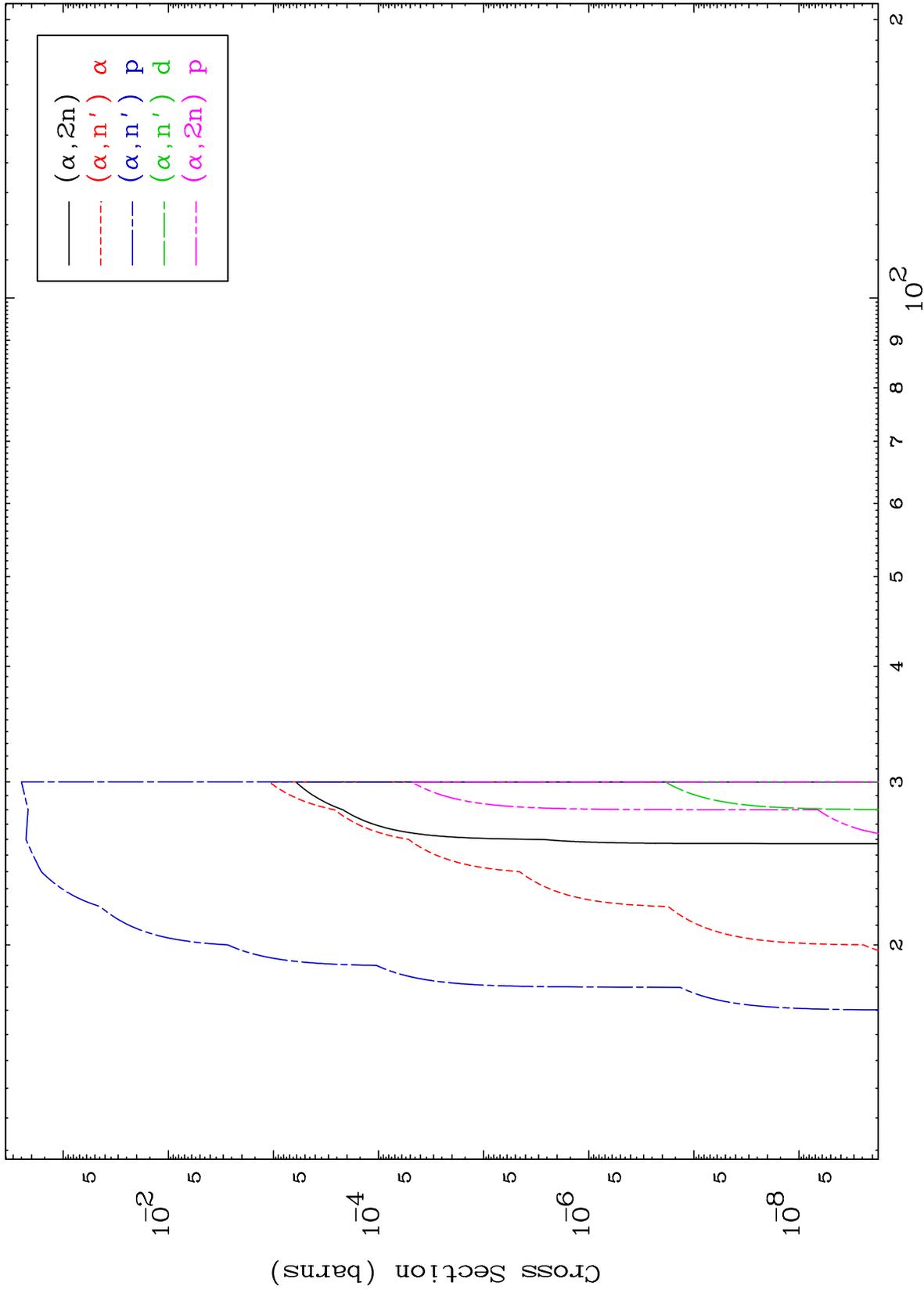
61-Pm-133

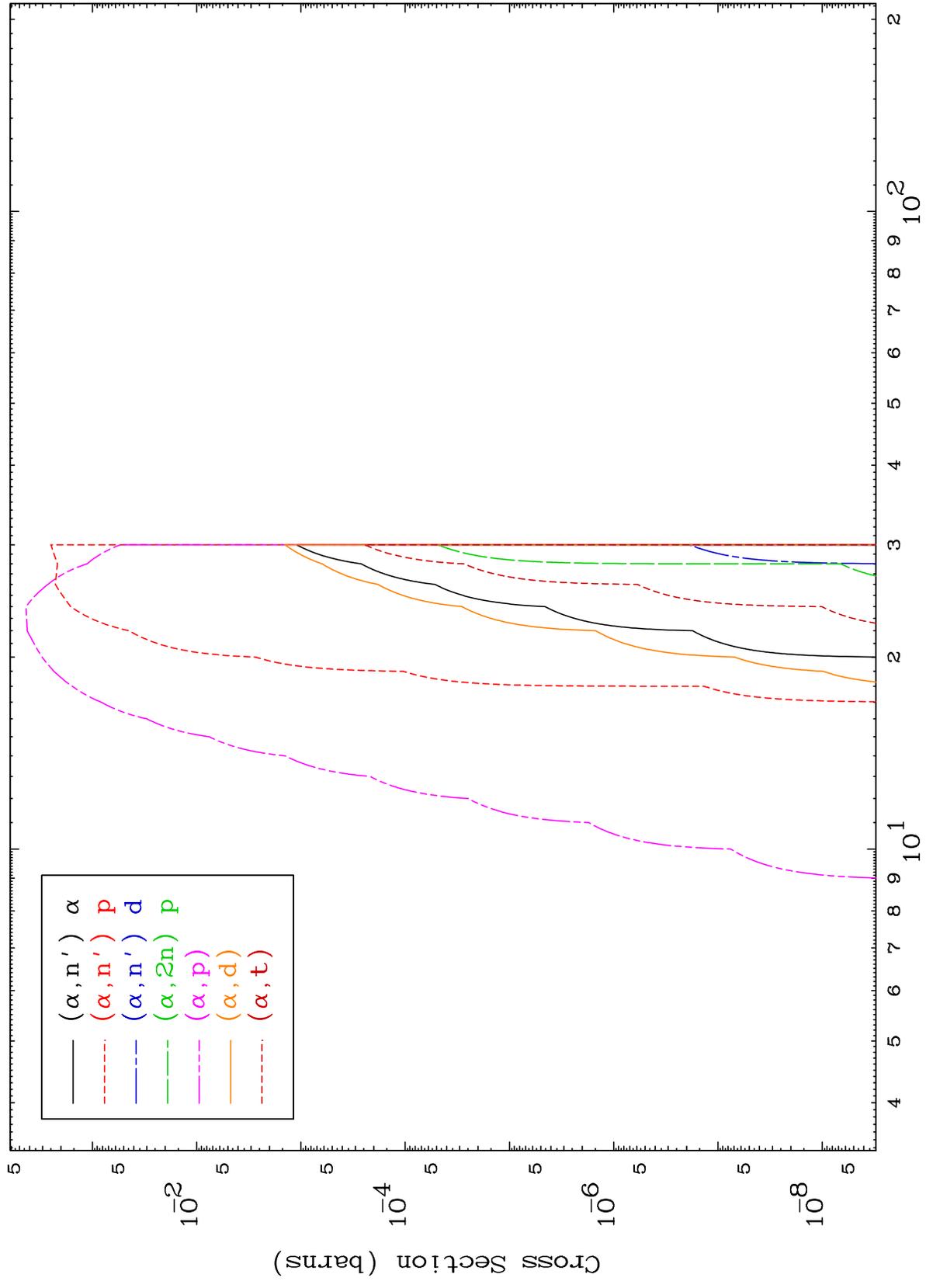


1

Incident Energy (MeV)

61-Pm-133

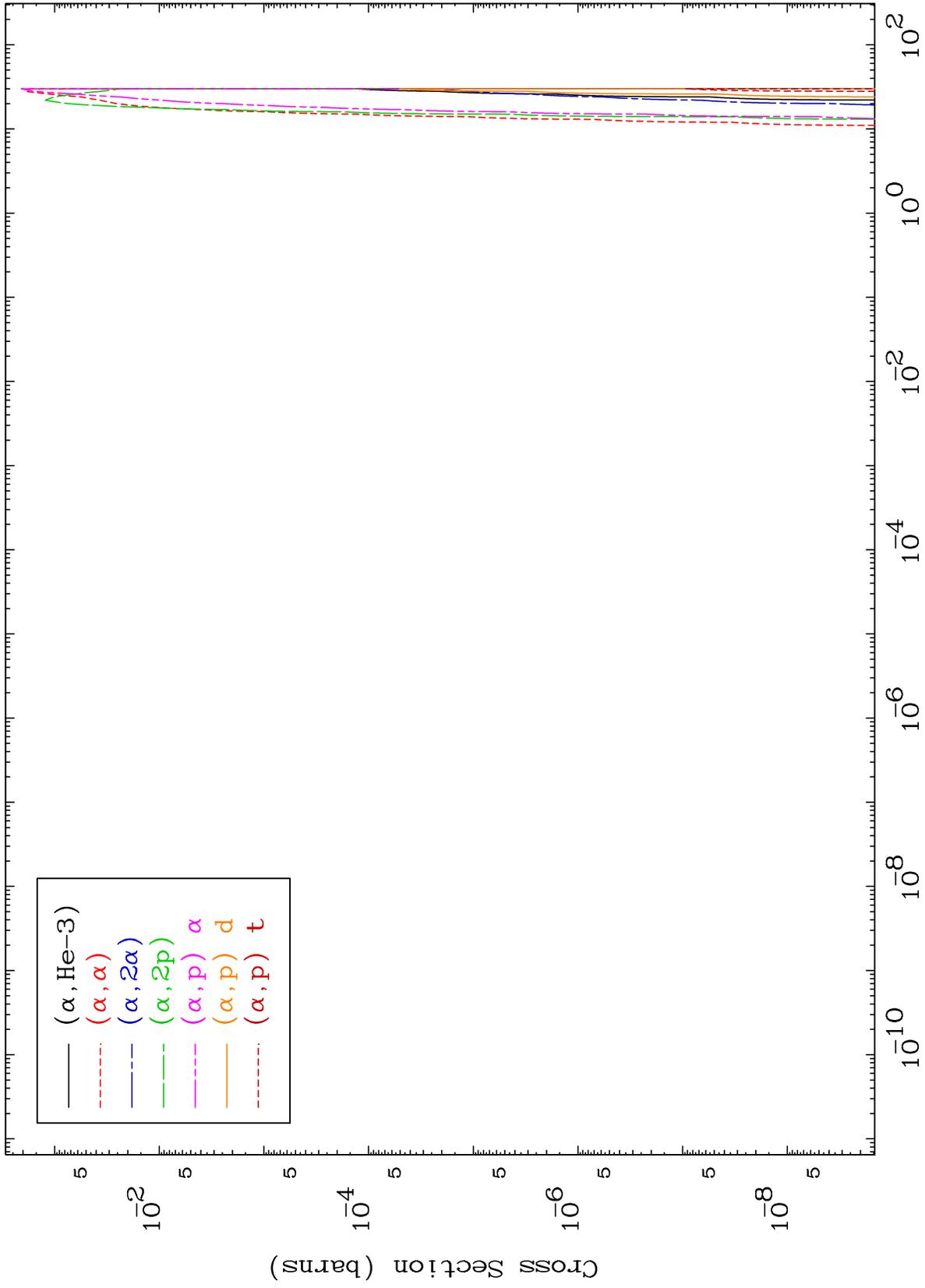




MAT 6107

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

61-Pm-133

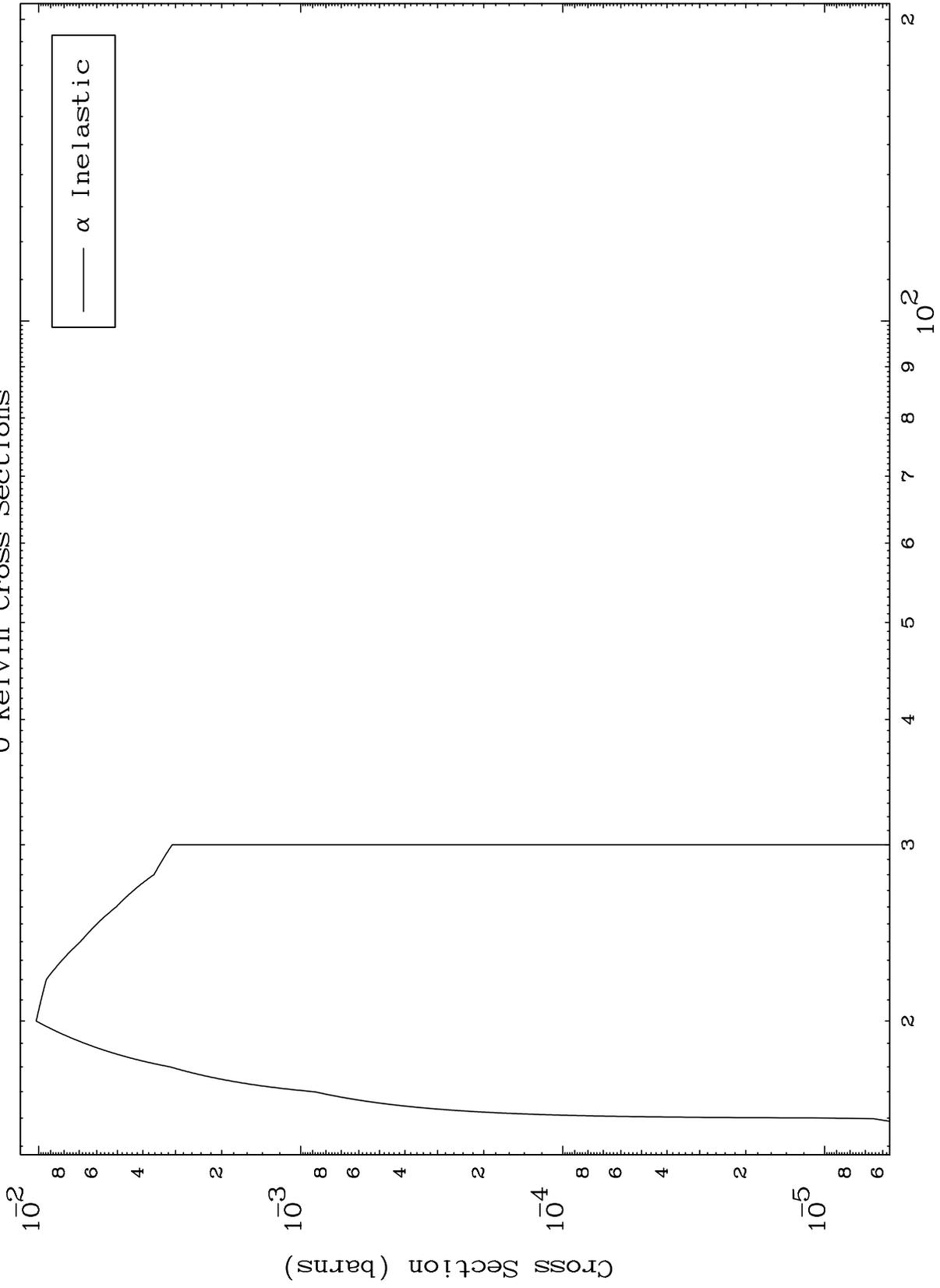


61-Pm-133

MAT 6107

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

61-Pm-133



5

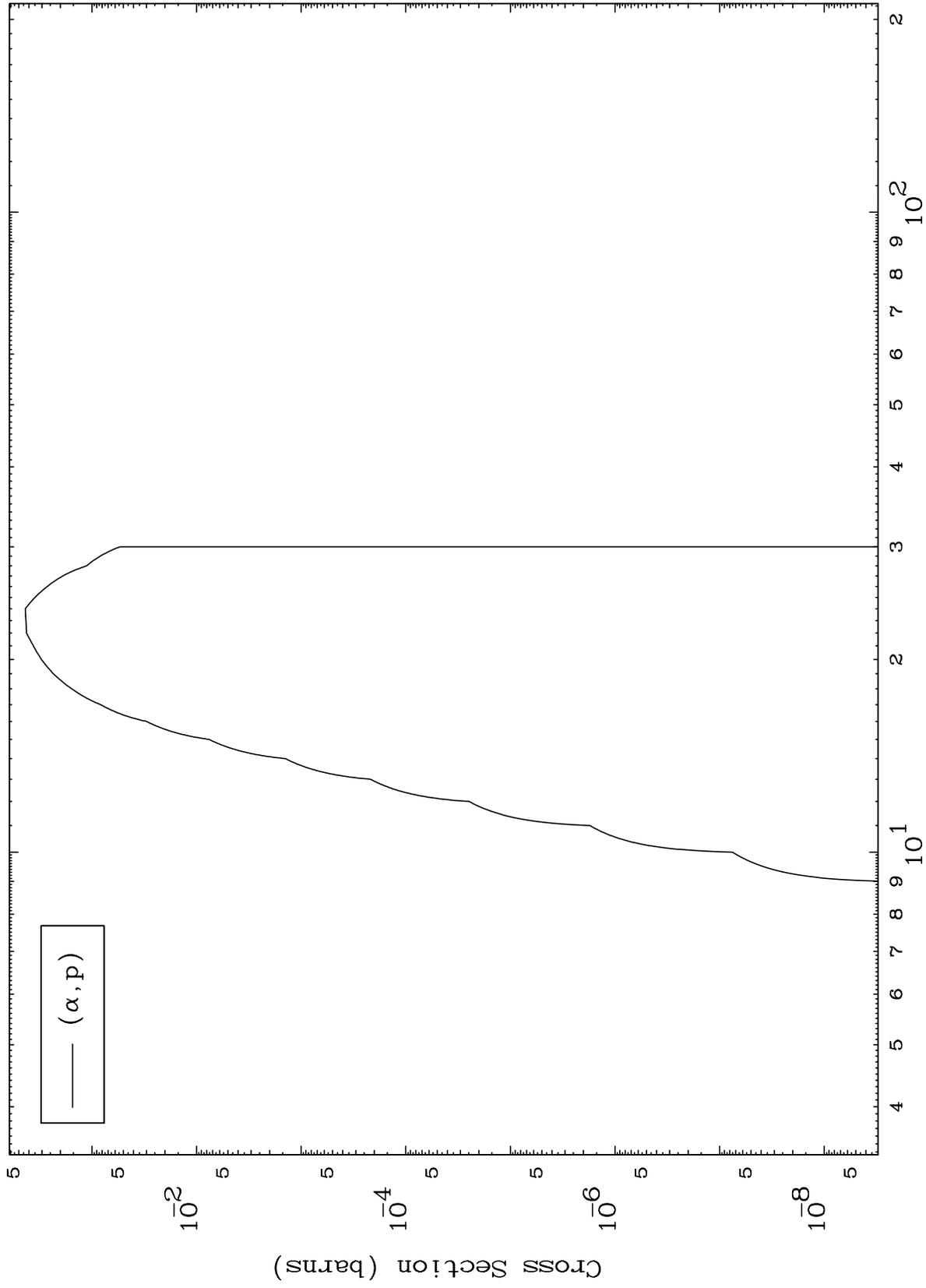
Incident Energy (MeV)

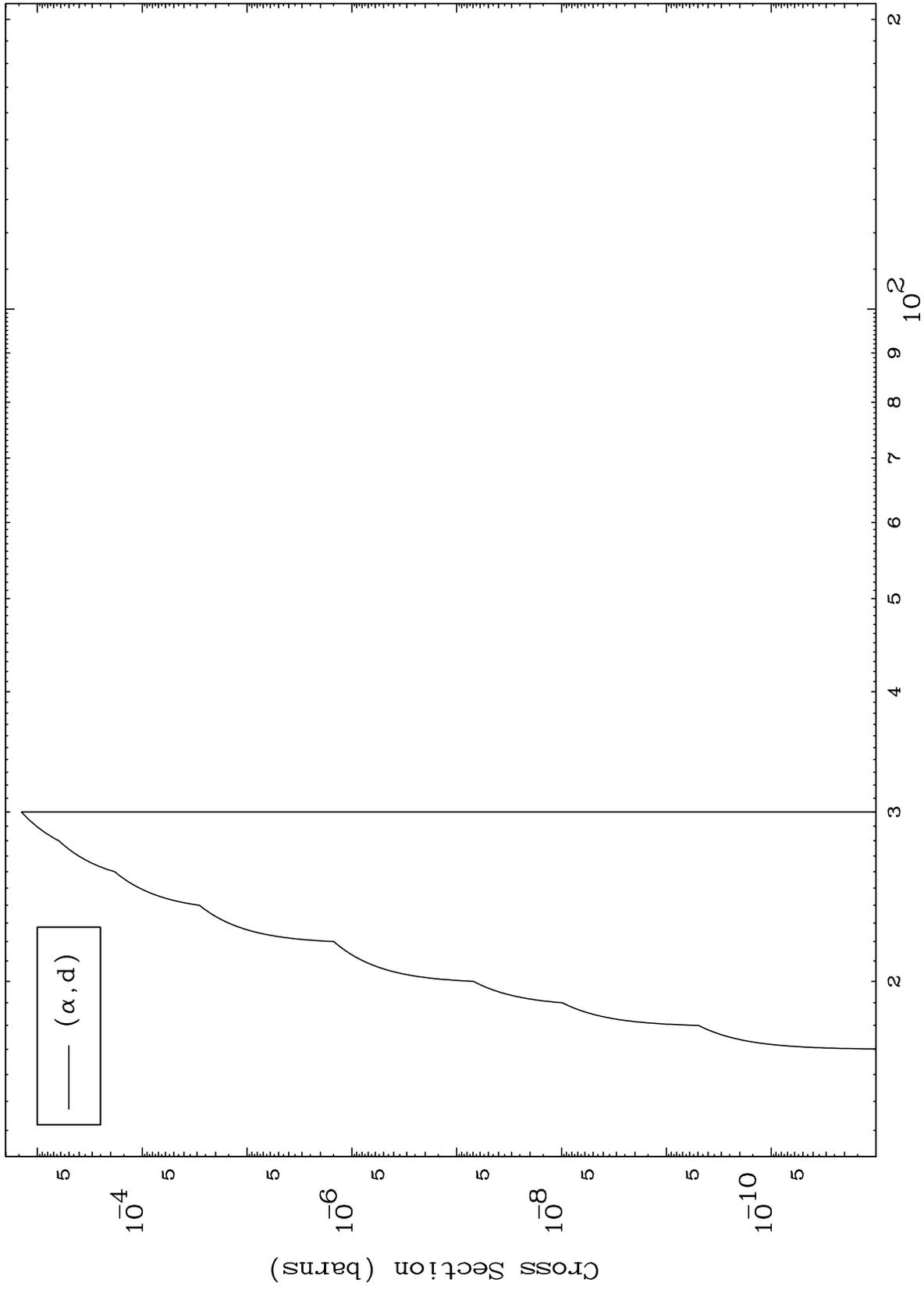
61-Pm-133

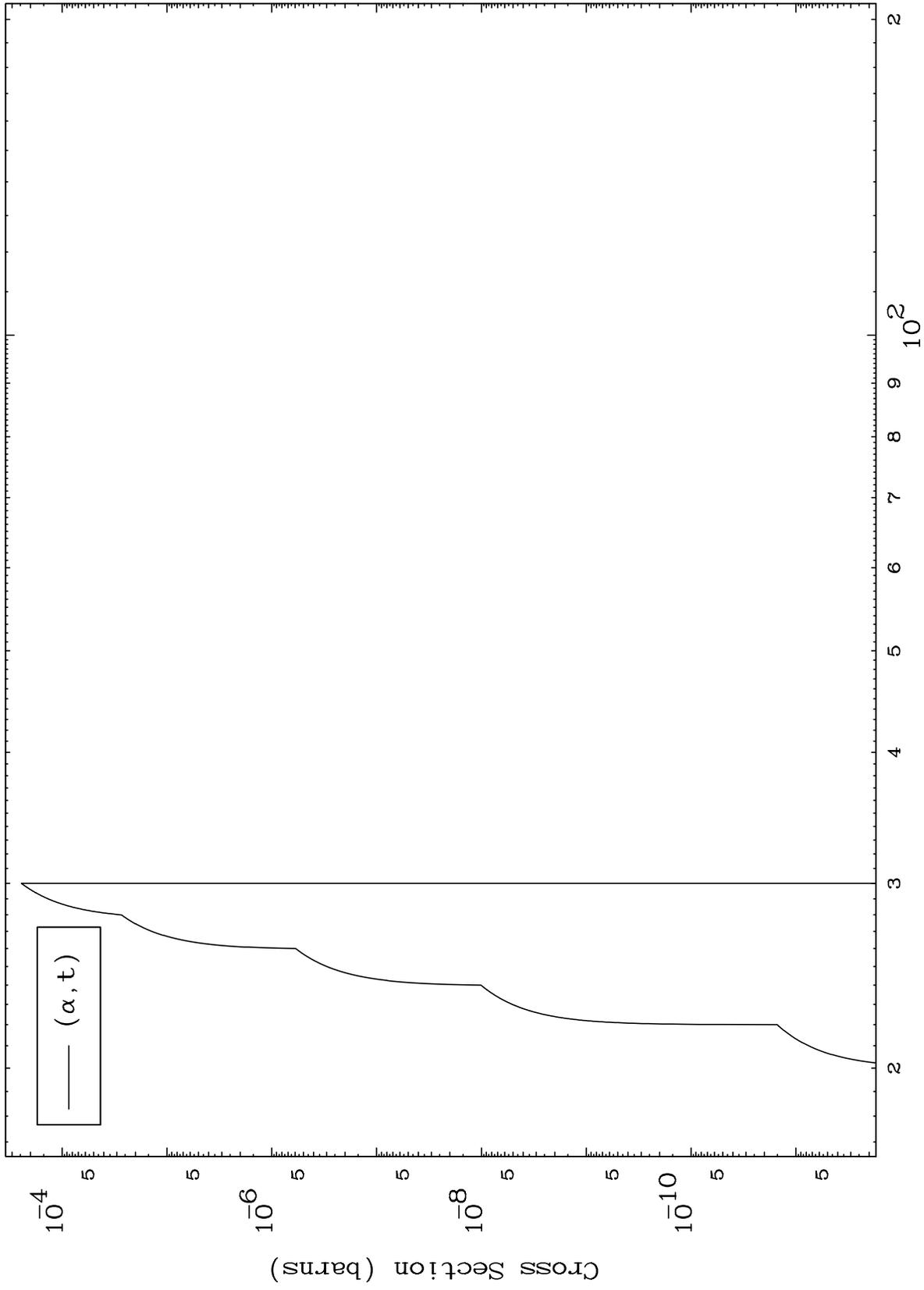
MAT 6107

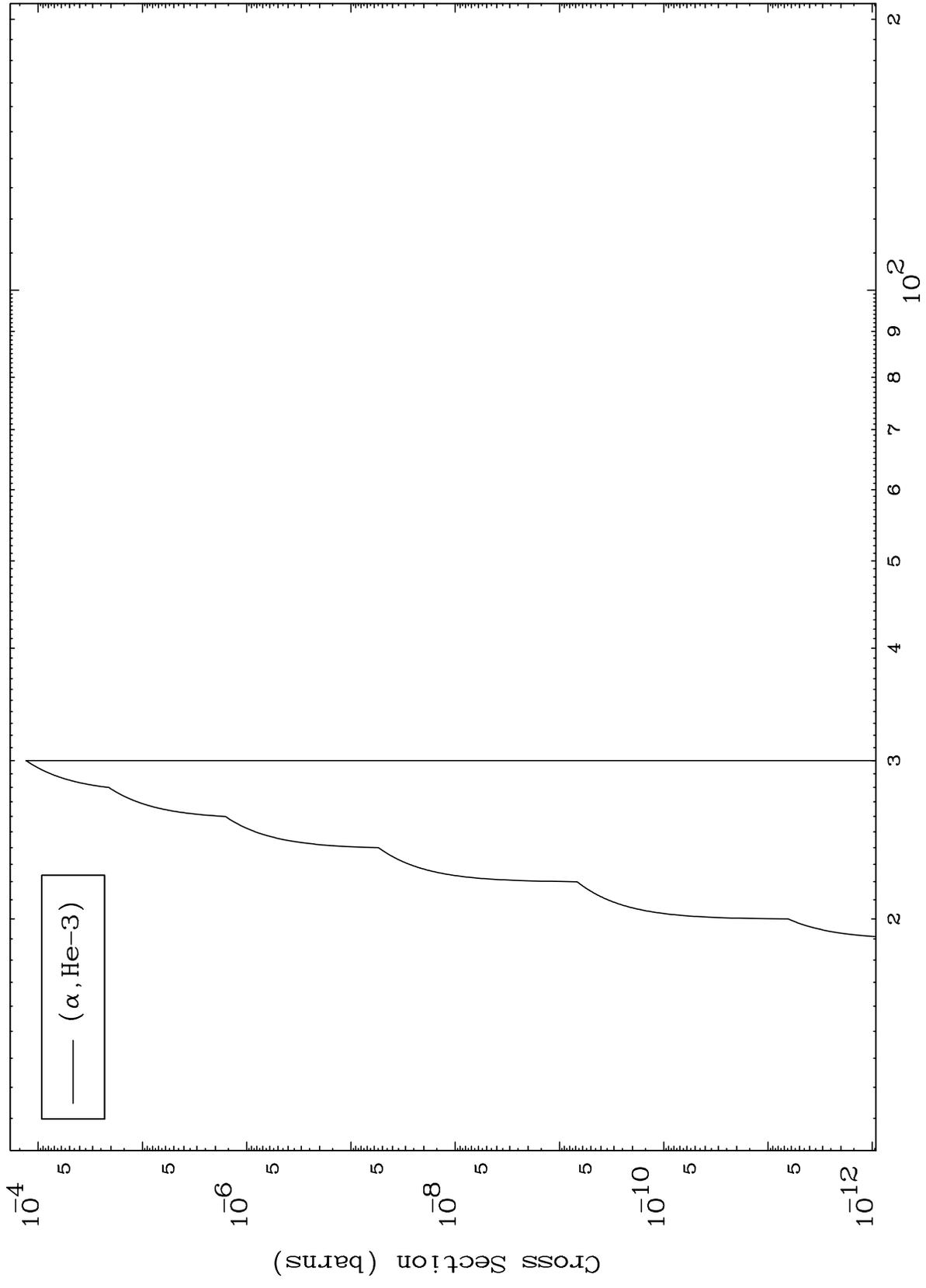
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

61-Pm-133





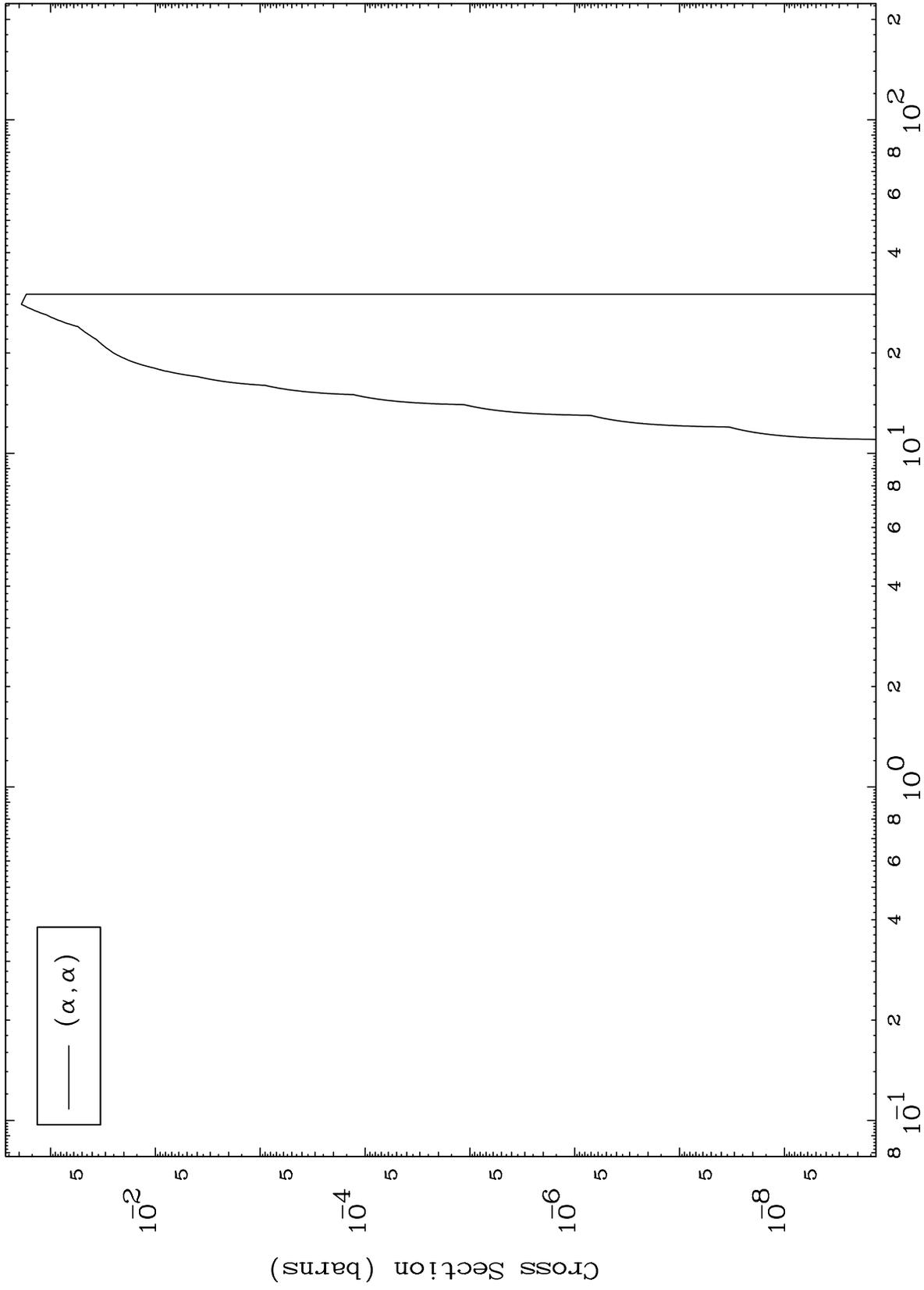




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( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

61-Pm-133



10

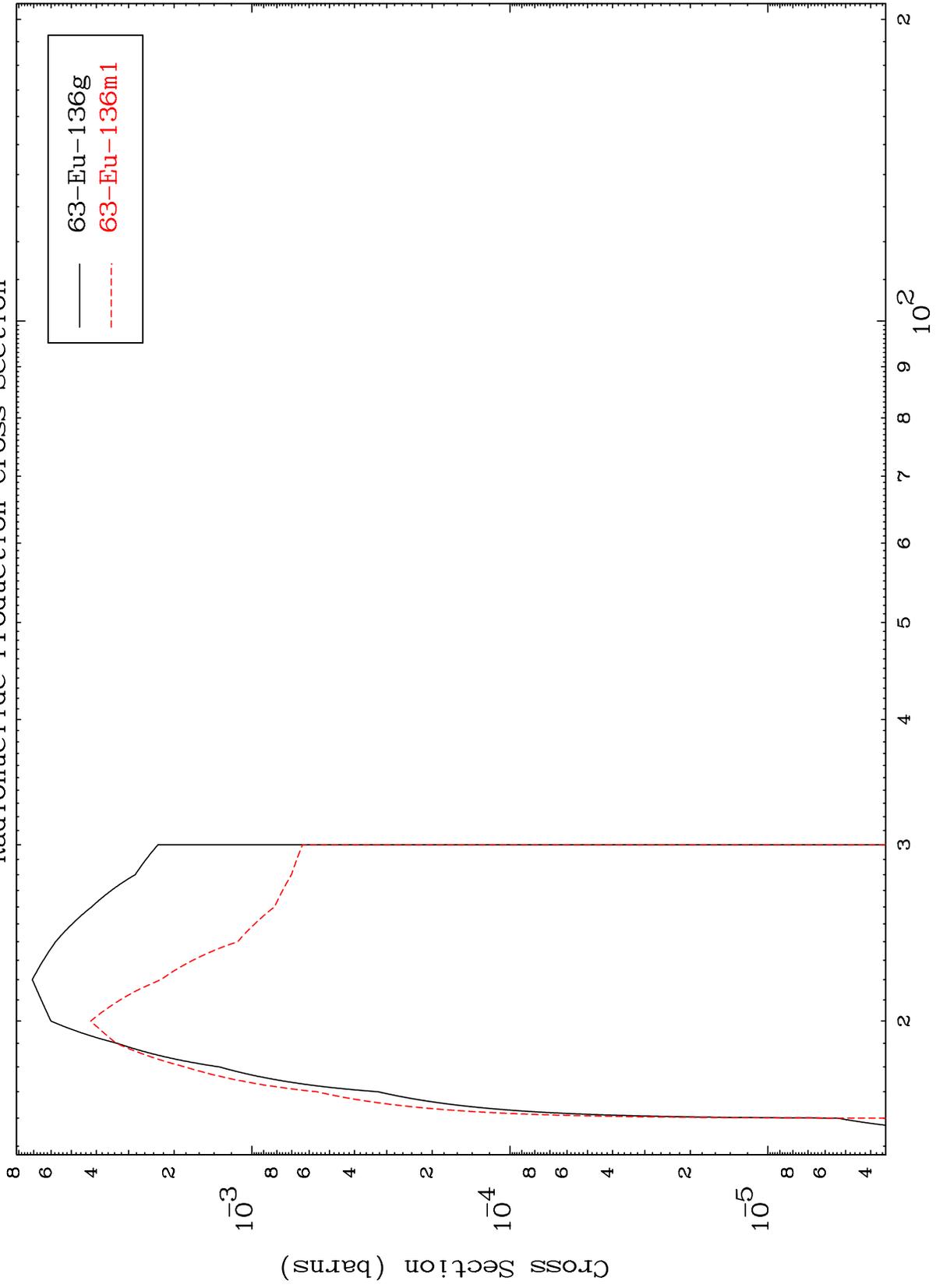
Incident Energy (MeV)

61-Pm-133

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61-Pm-133

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

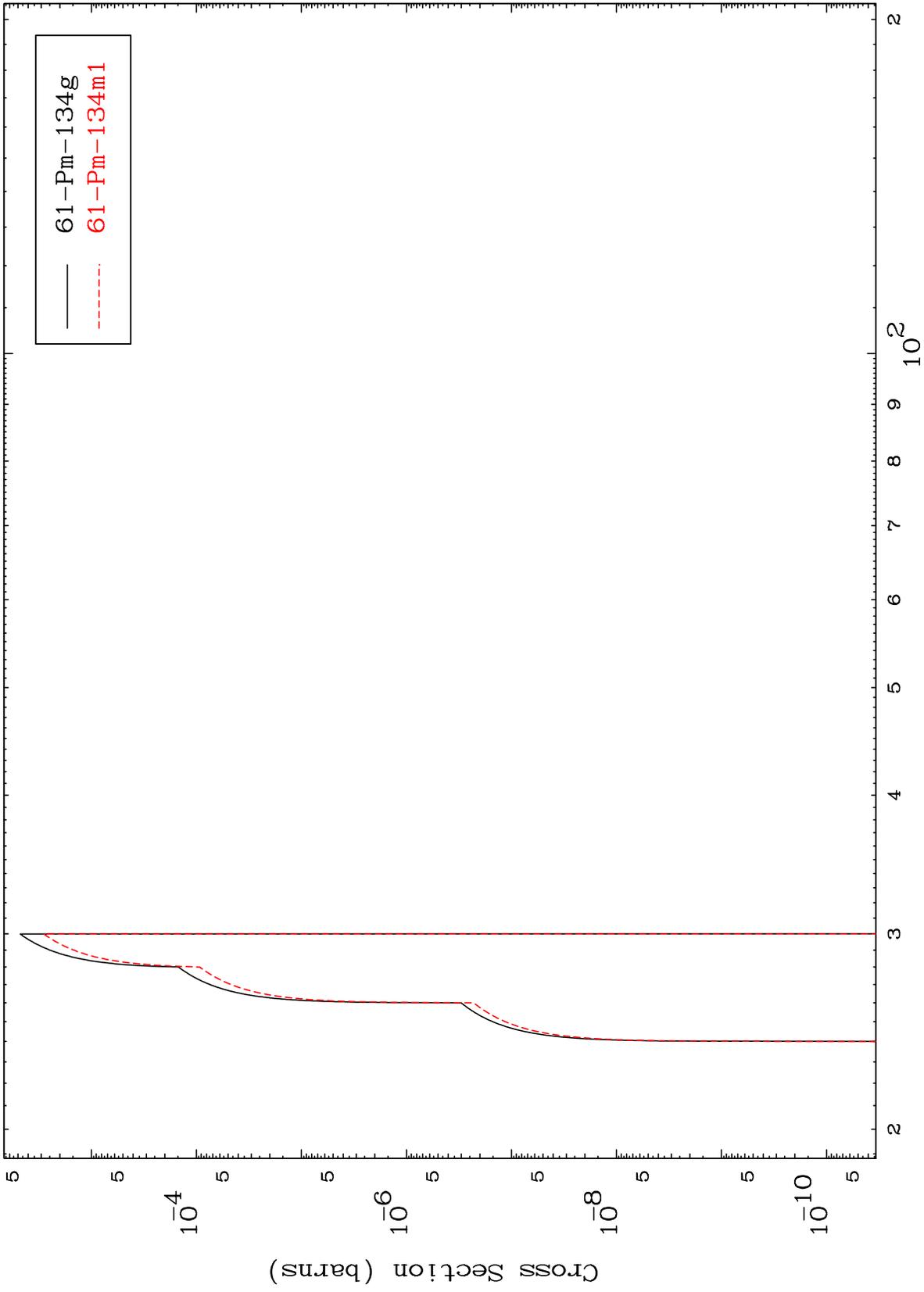
61-Pm-133

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$(\alpha, 2n)$  p

61-Pm-133

Radionuclide Production Cross Section



12

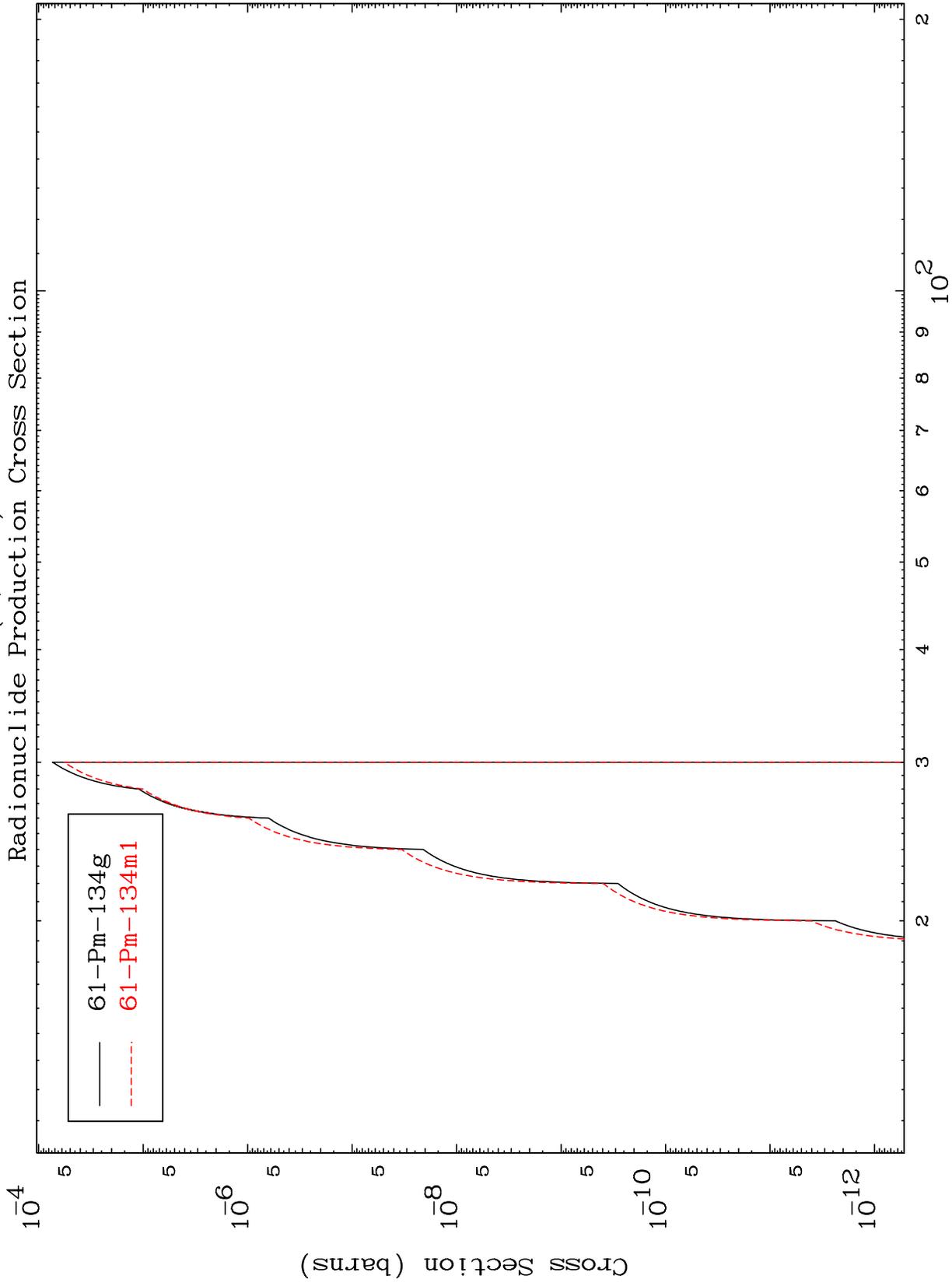
Incident Energy (MeV)

61-Pm-133

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( $\alpha, \text{He-3}$ )

61-Pm-133



13

61-Pm-133

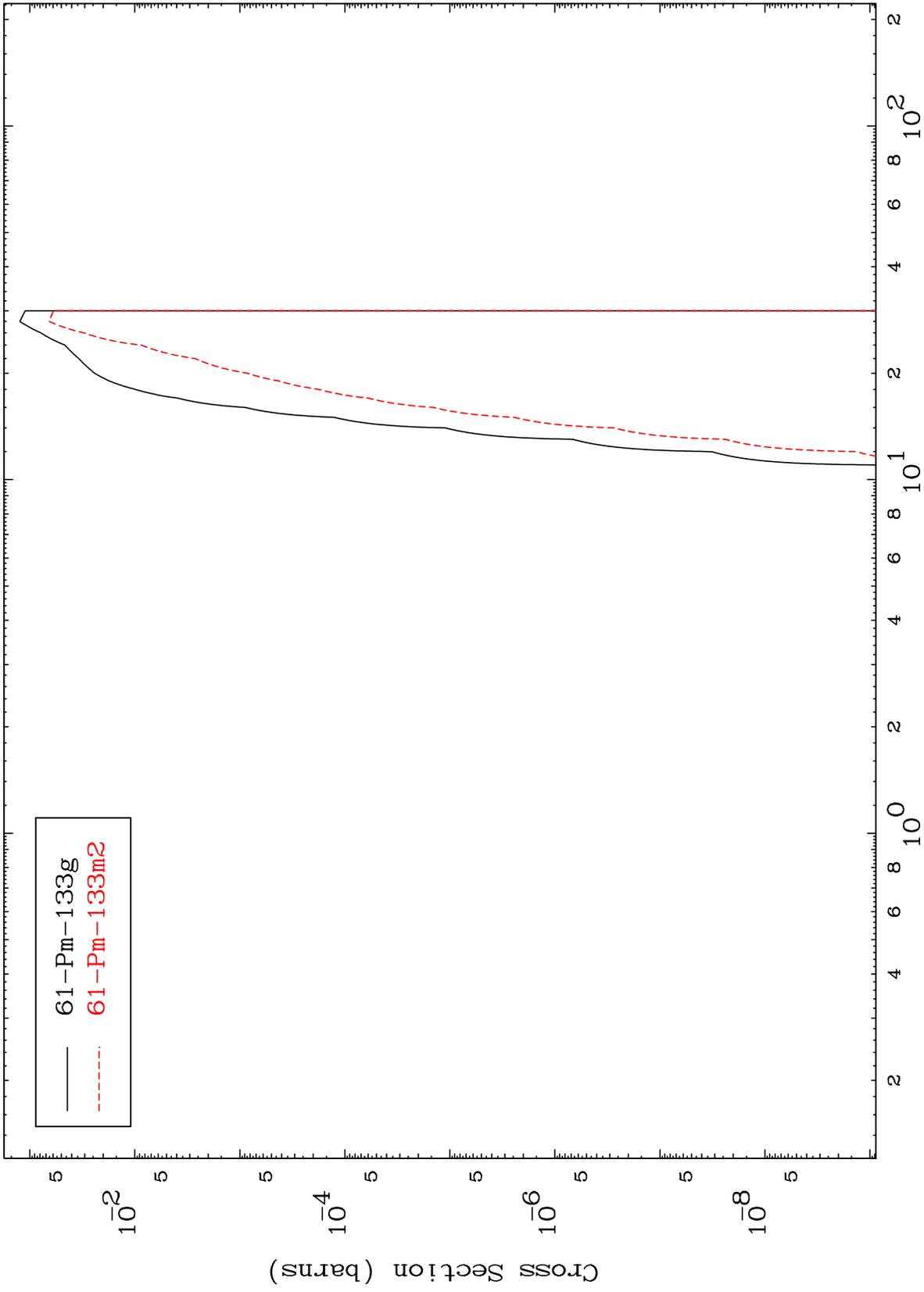
61-Pm-133

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( $\alpha, \alpha$ )

61-Pm-133

Radionuclide Production Cross Section



14

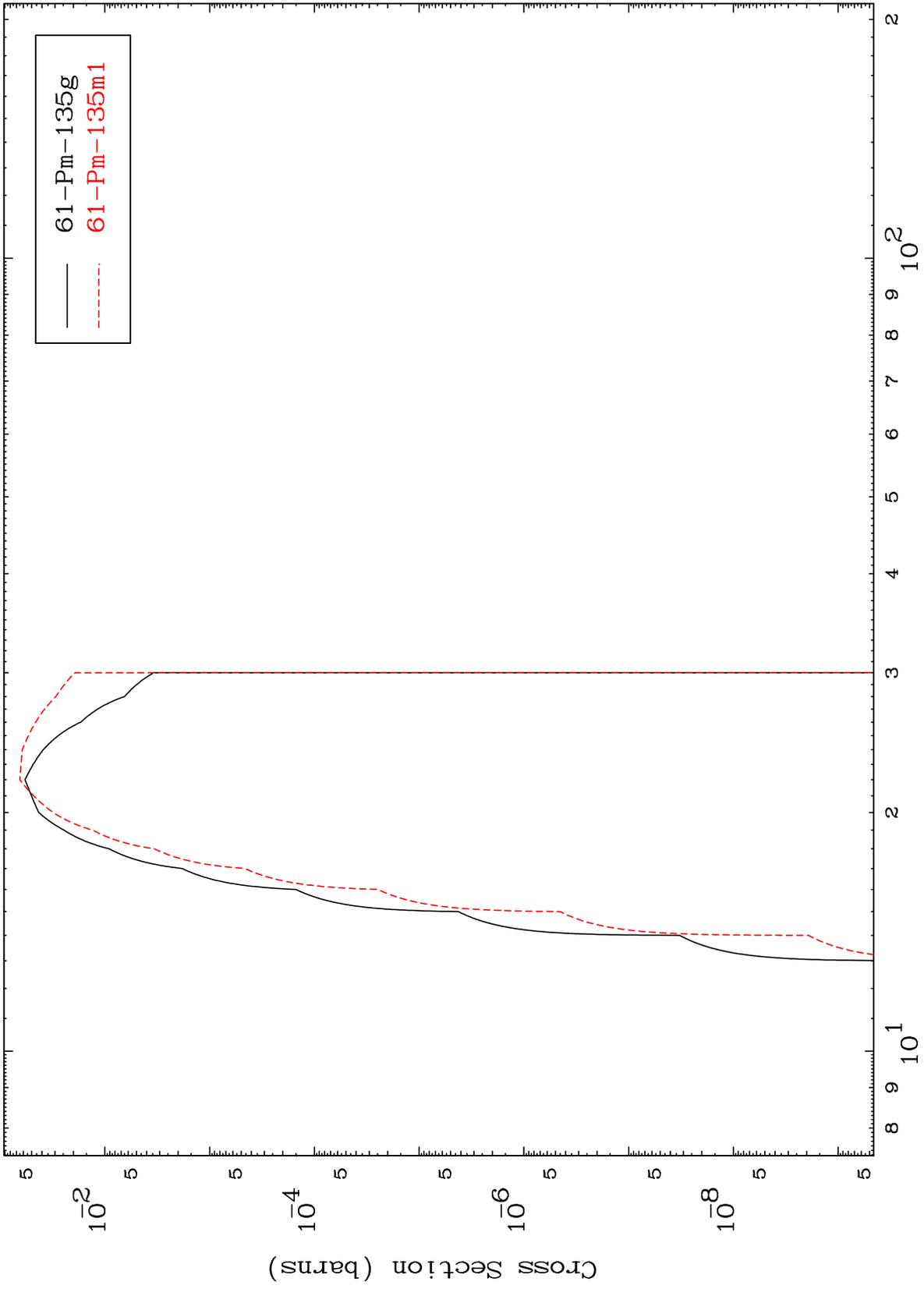
Incident Energy (MeV)

61-Pm-133

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61-Pm-133

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

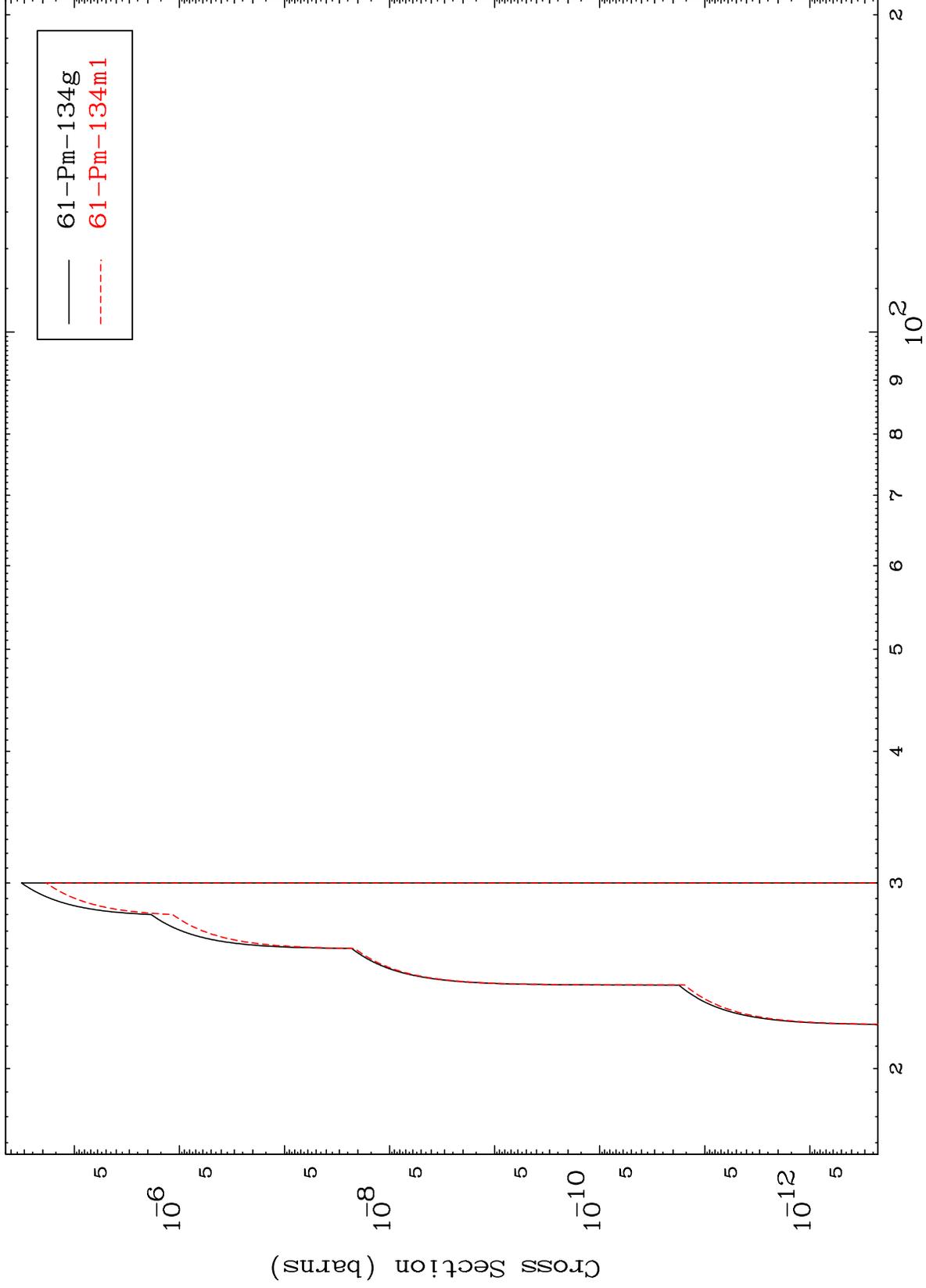


15

Incident Energy (MeV)

61-Pm-133

Radionuclide Production Cross Section

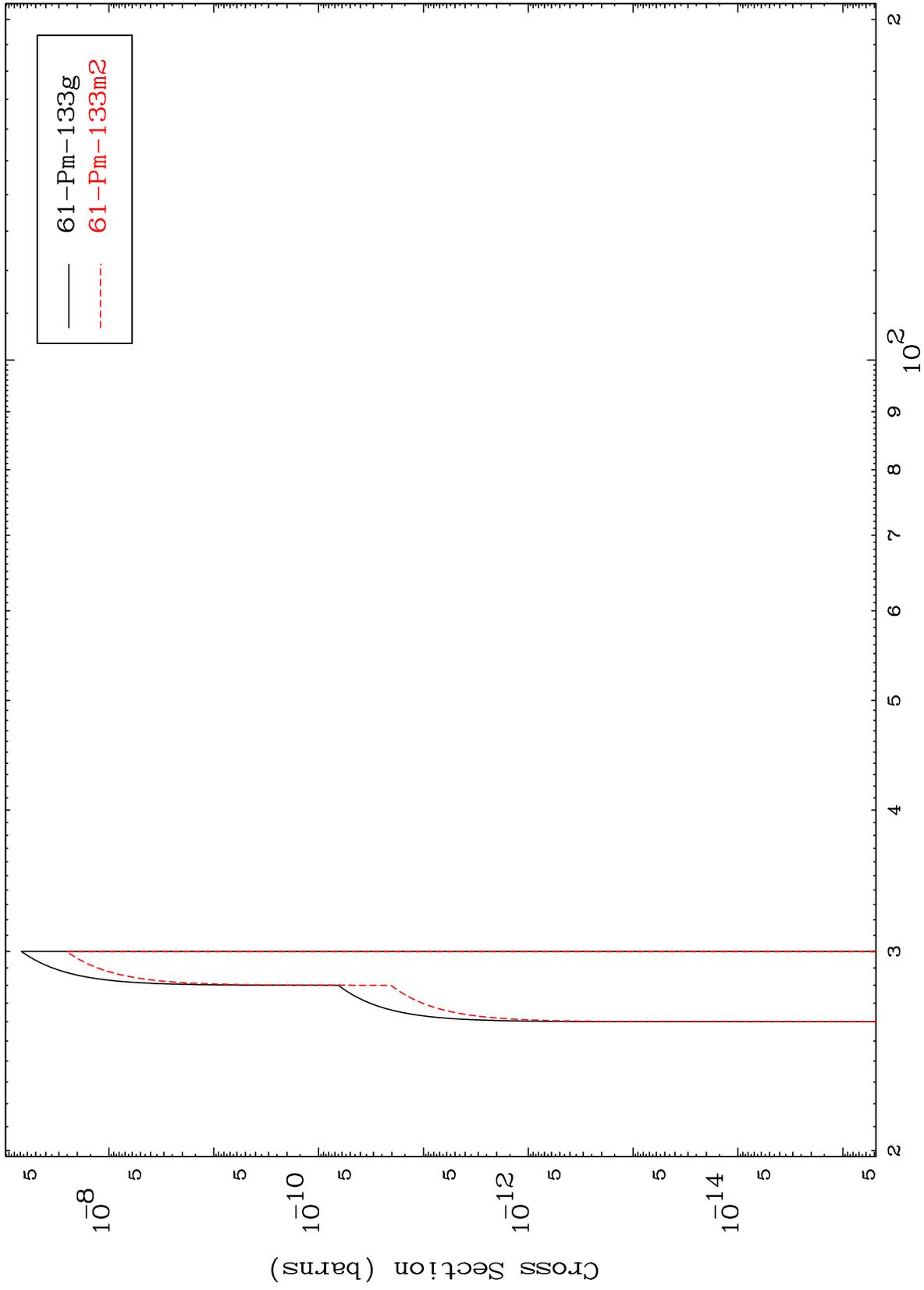


MAT 6107

( $\alpha, p$ ) t

61-Pm-133

Radionuclide Production Cross Section



17

Incident Energy (MeV)

61-Pm-133