

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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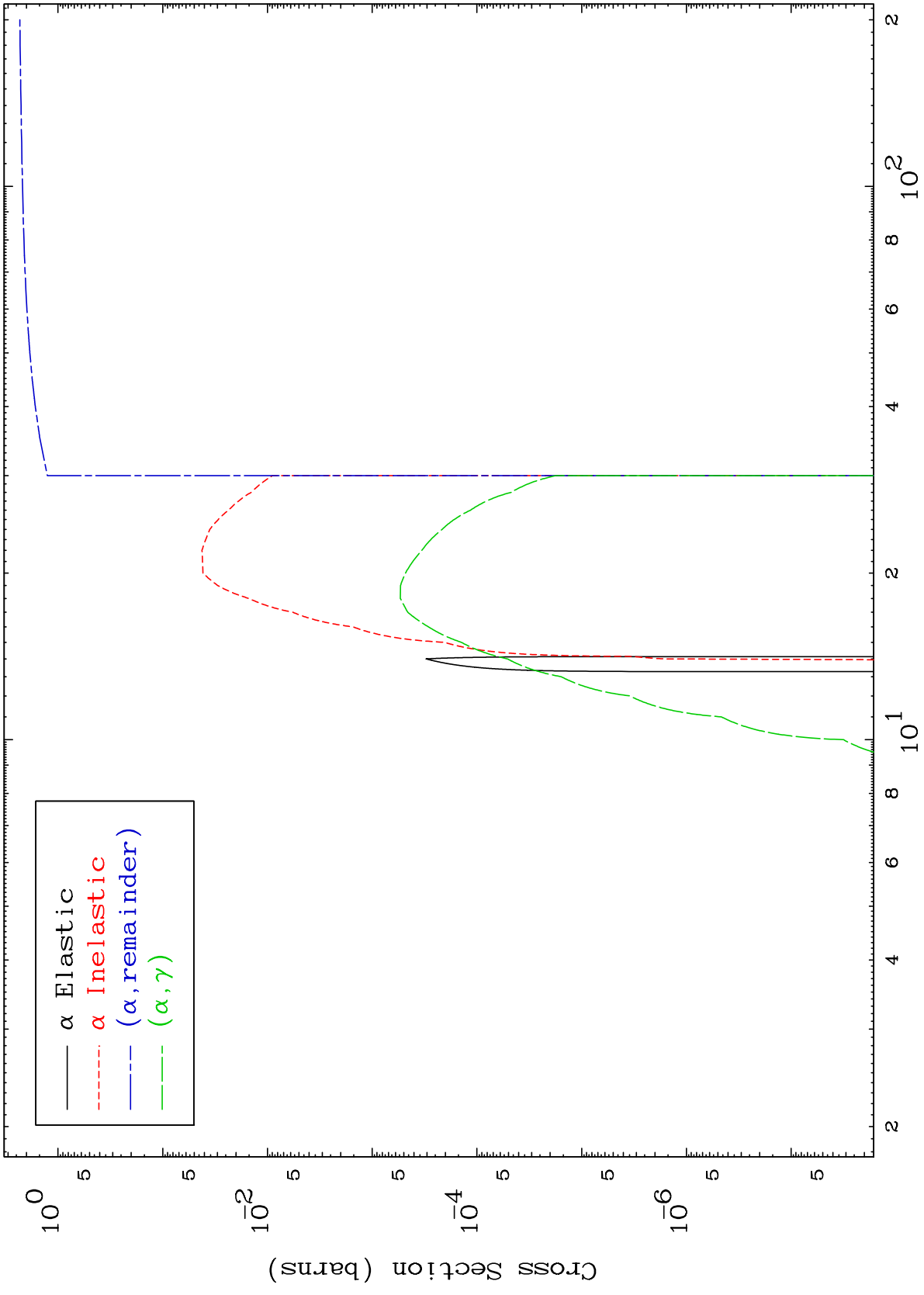
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6114

0 Kelvin  $\alpha$  Major

61-Pm-135



1

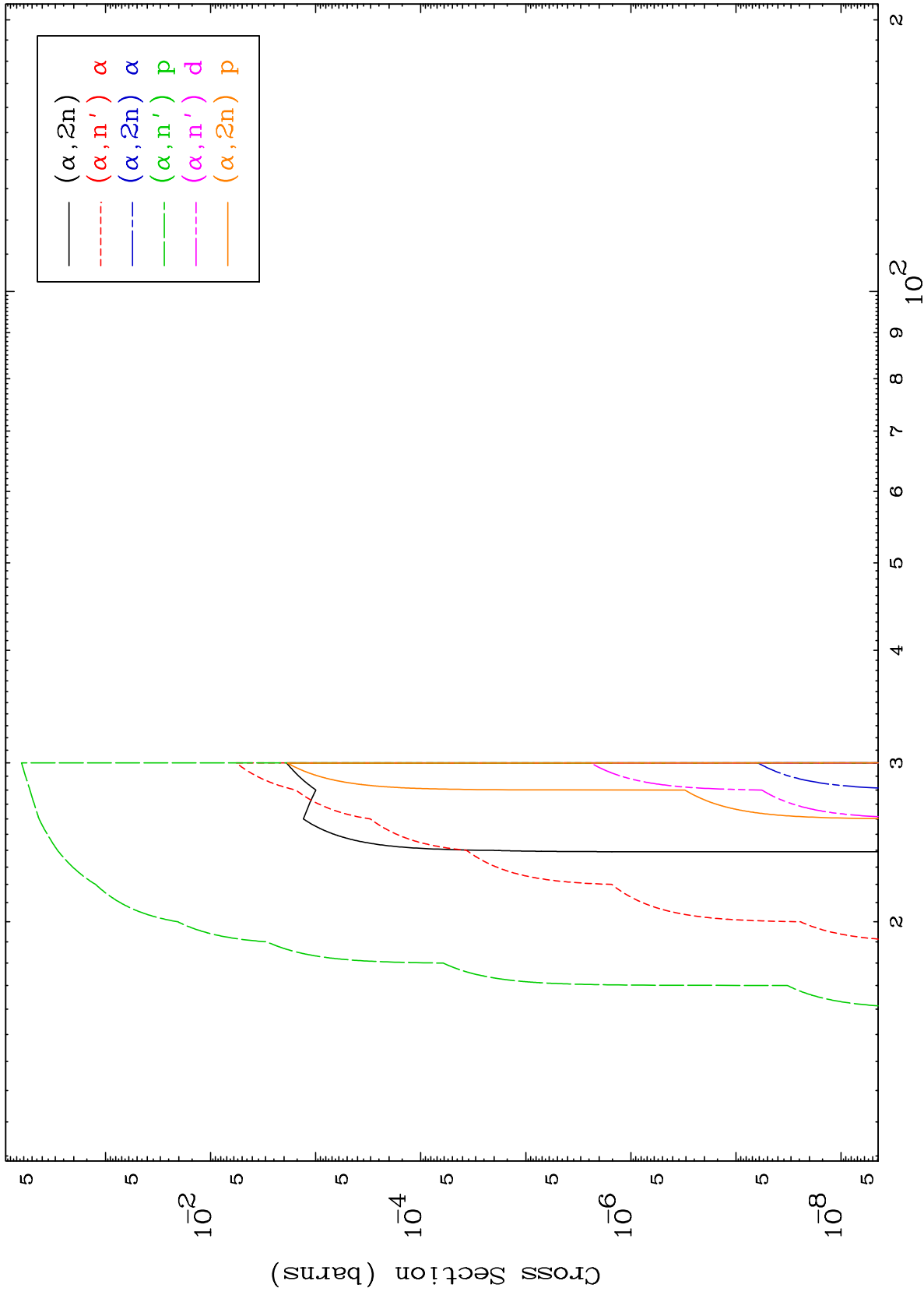
Incident Energy (MeV)

61-Pm-135

MAT 6114

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

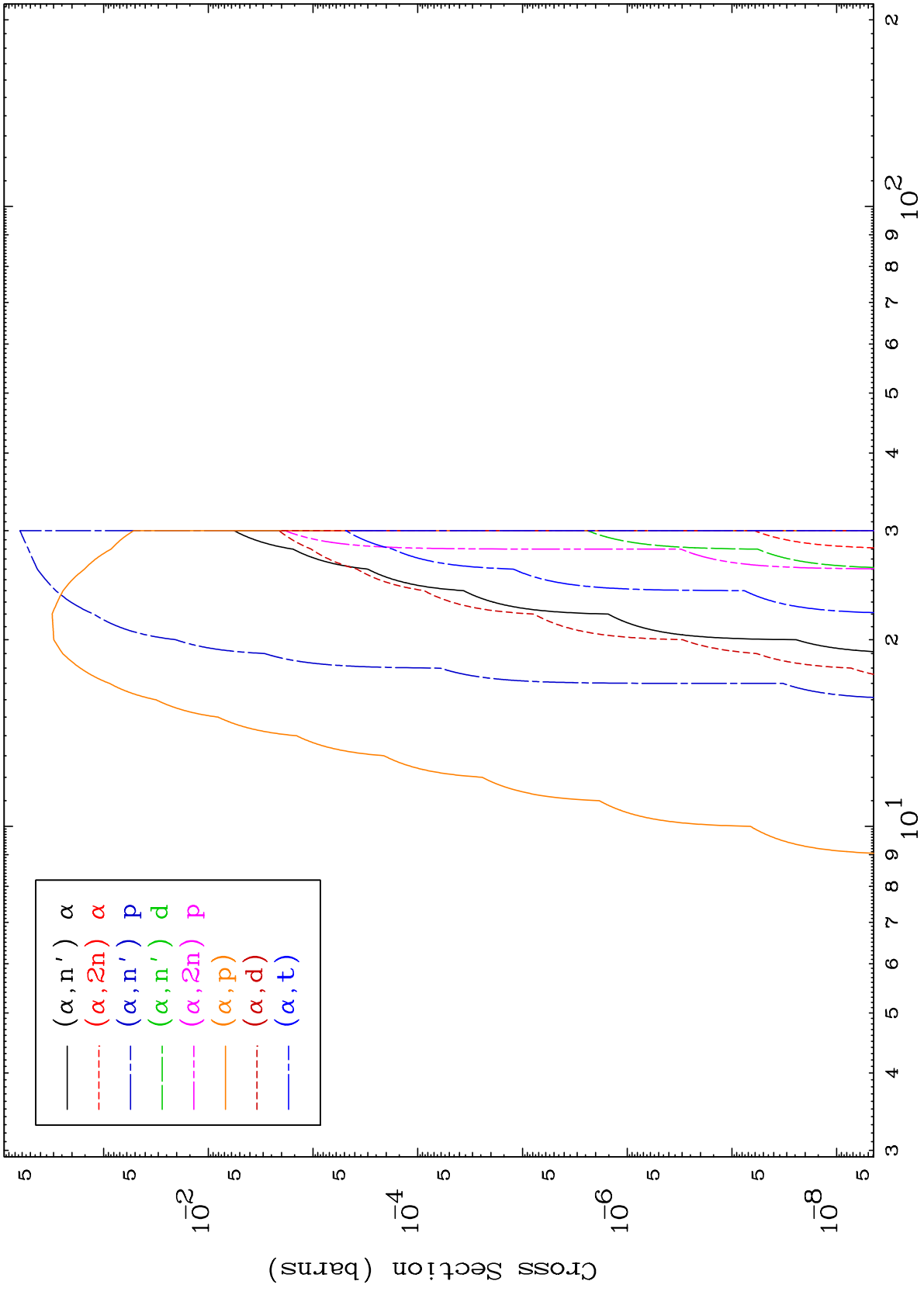
61-Pm-135



2

Incident Energy (MeV)

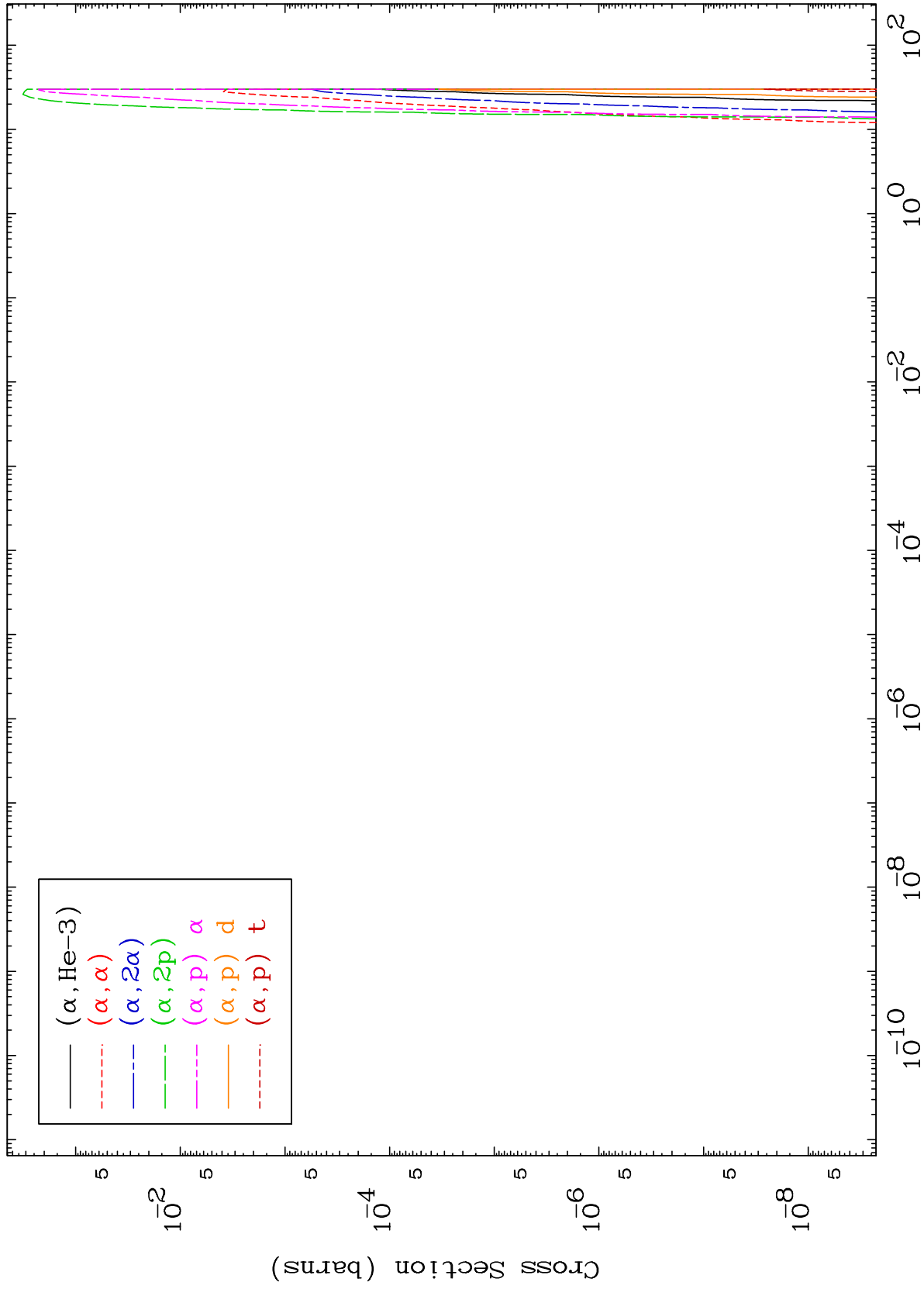
61-Pm-135



MAT 6114

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

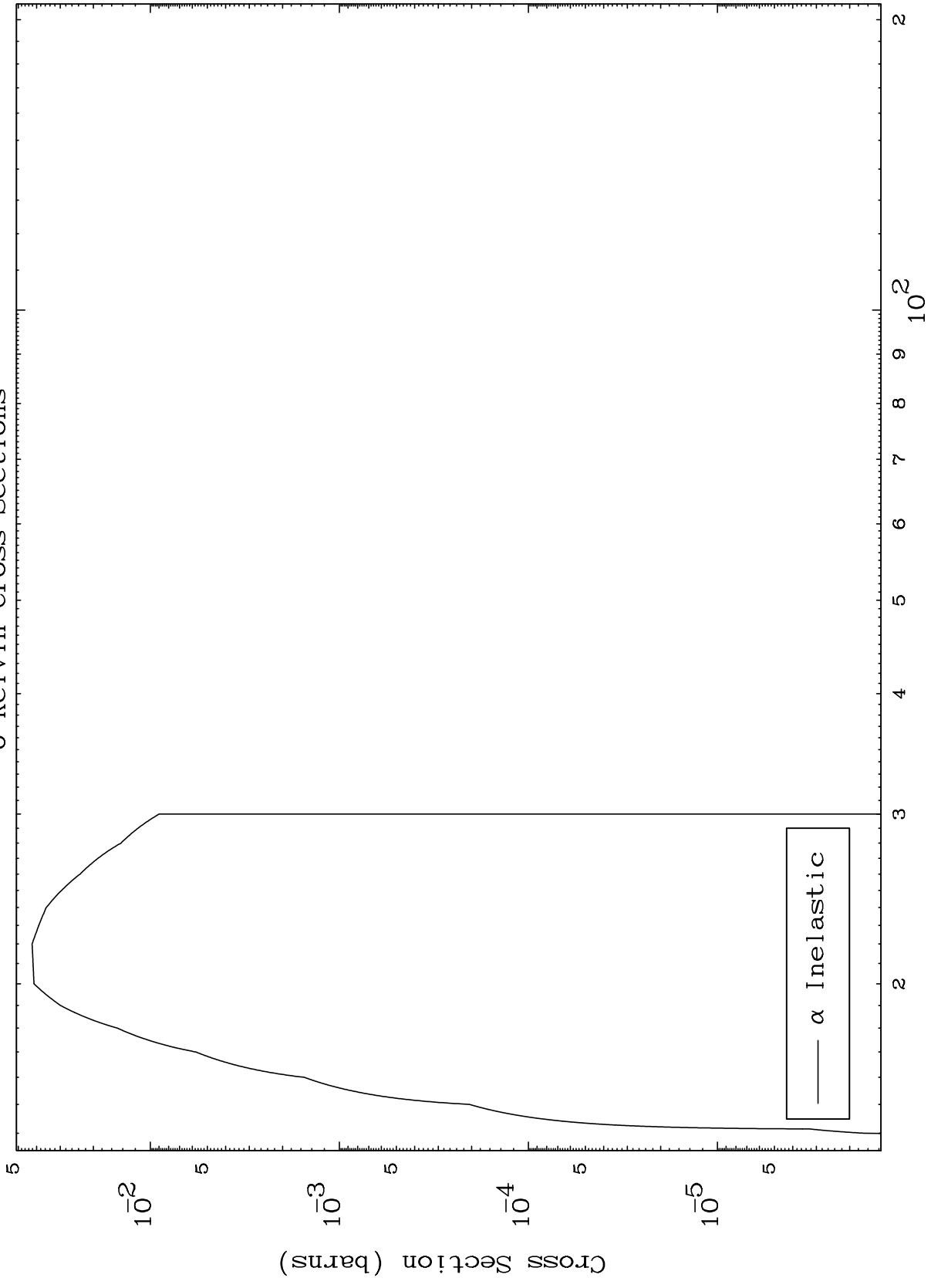
61-Pm-135



MAT 6114

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

61-Pm-135



5

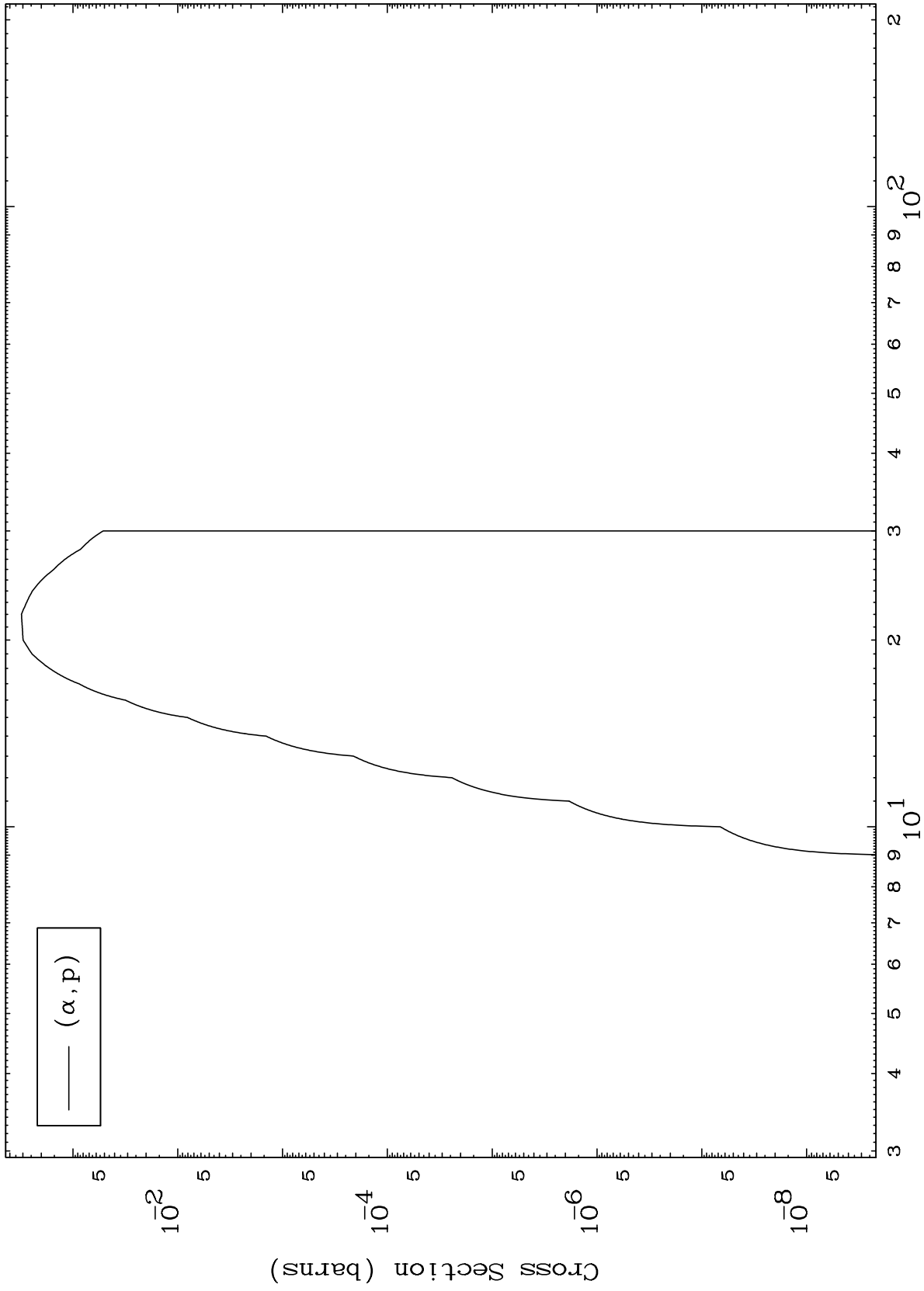
Incident Energy (MeV)

61-Pm-135

MAT 6114

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

61-Pm-135



6

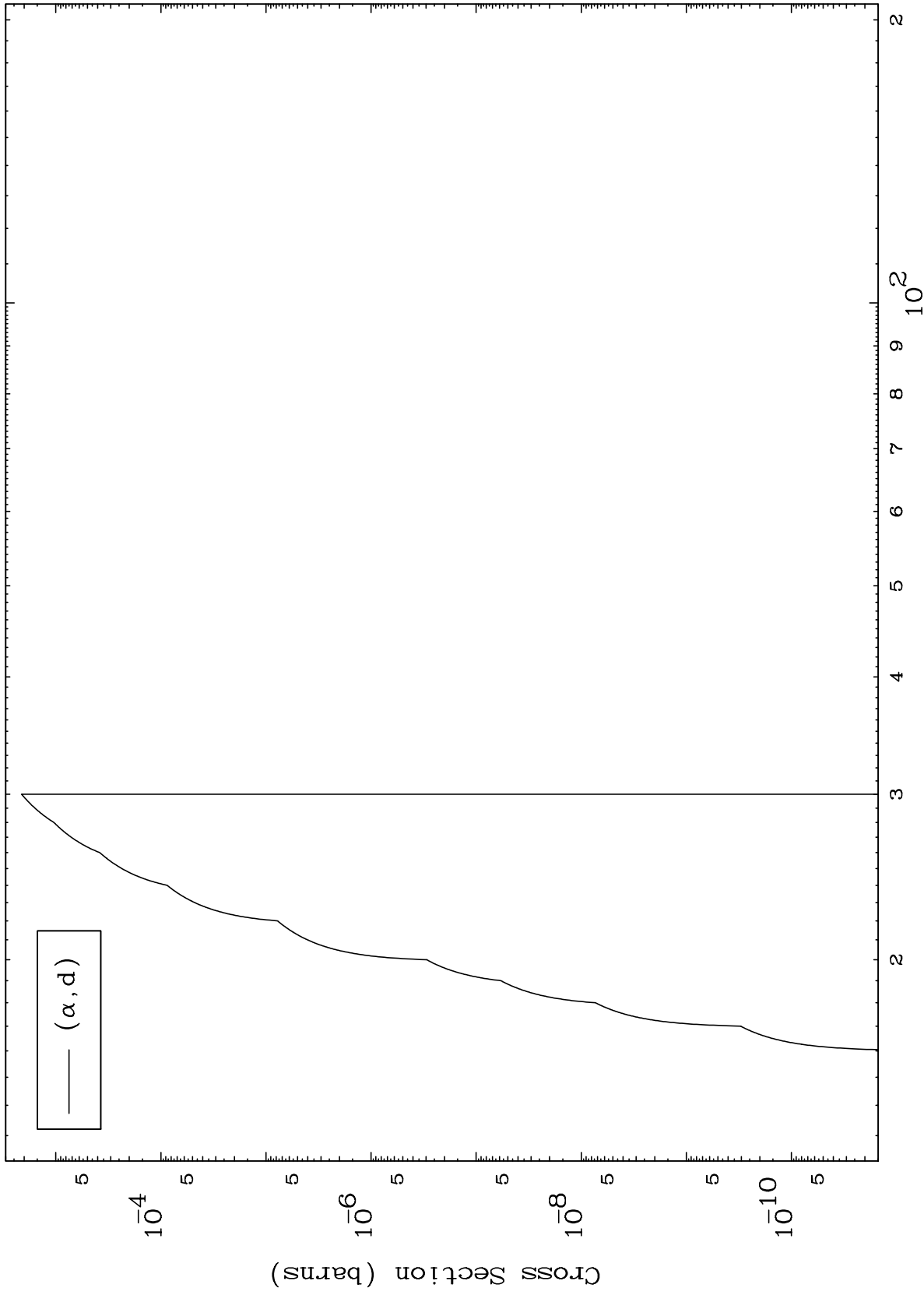
Incident Energy (MeV)

61-Pm-135

MAT 6114

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

61-Pm-135



7

Incident Energy (MeV)

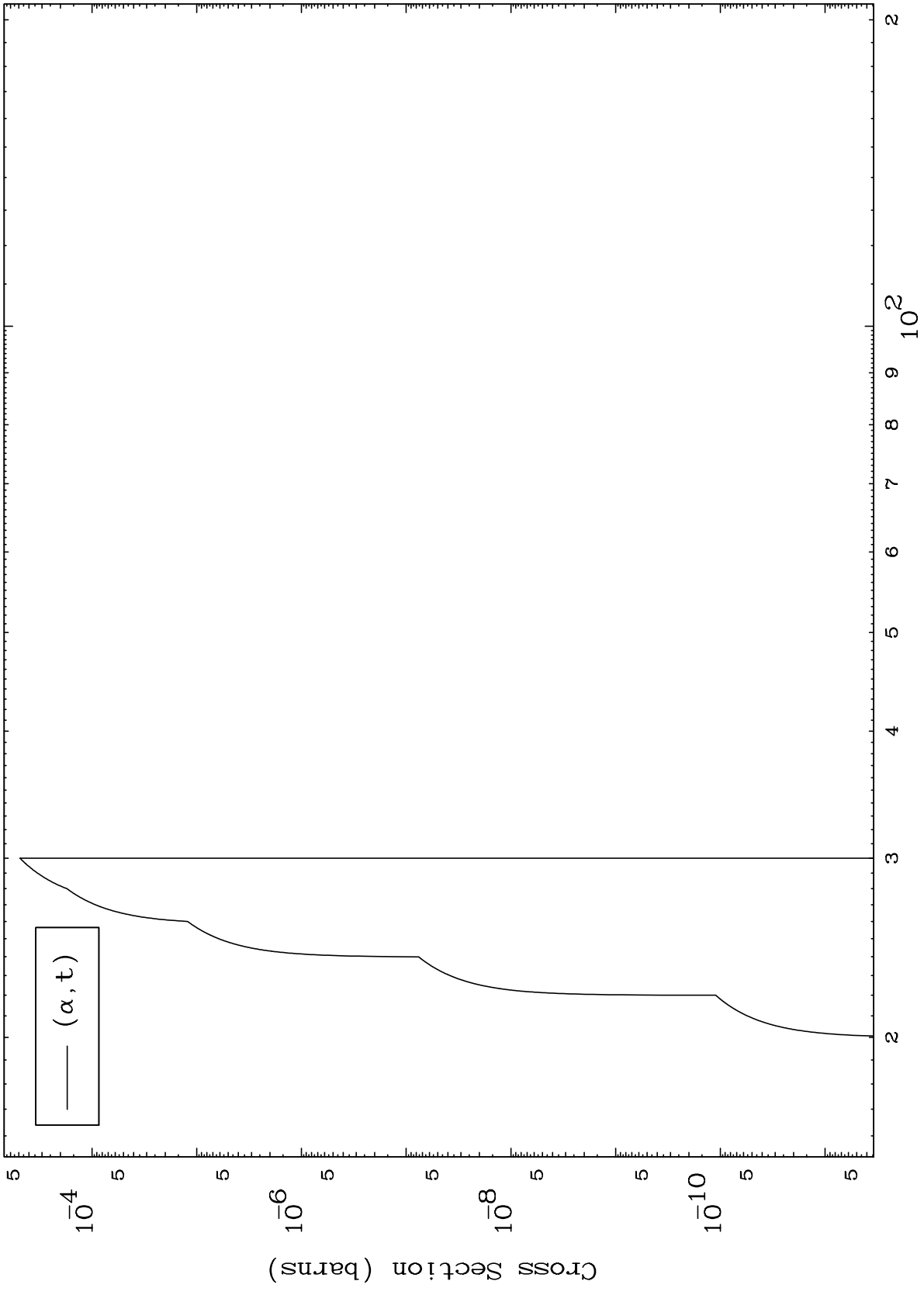
61-Pm-135



MAT 6114

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

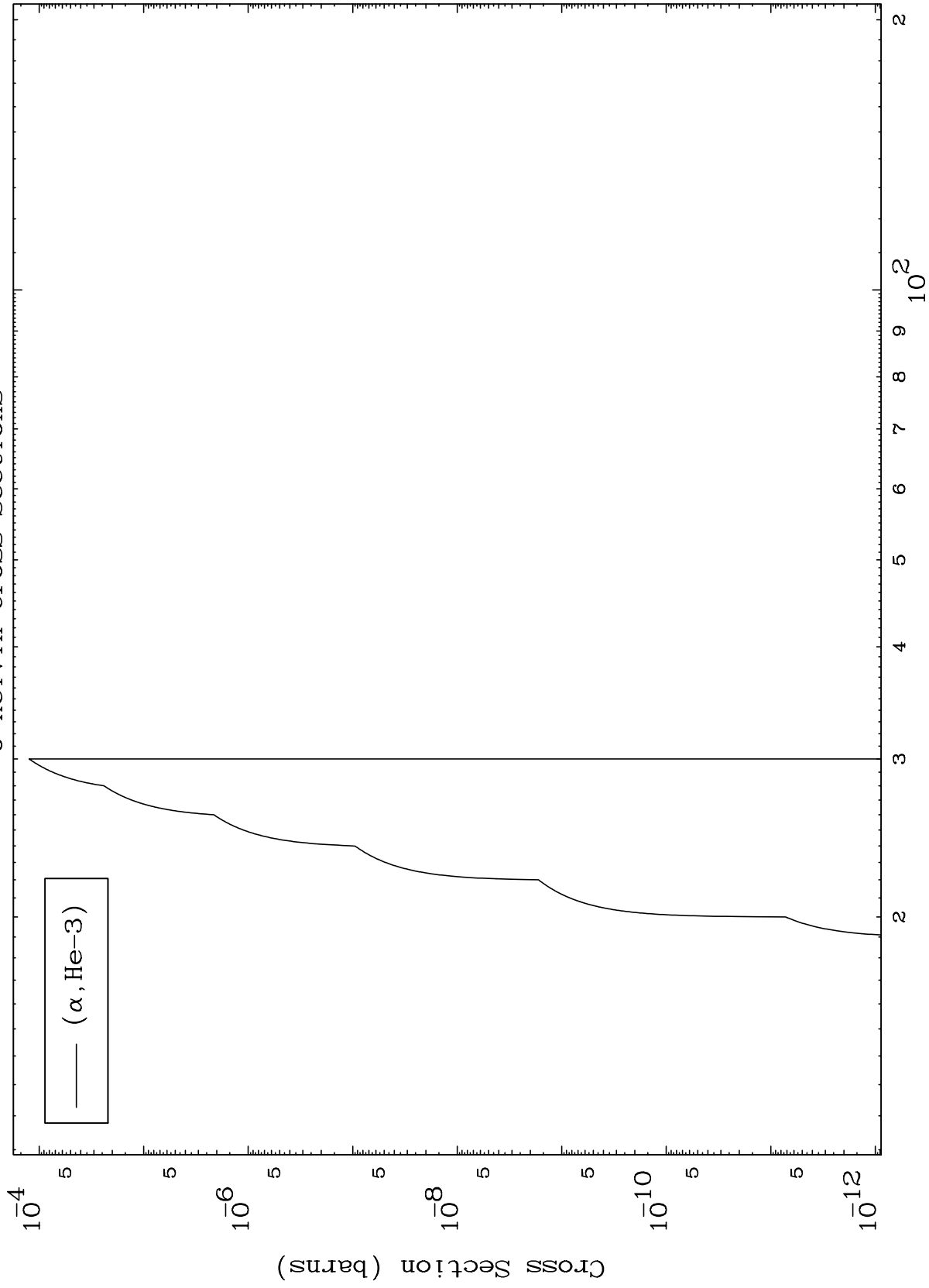
61-Pm-135



8

Incident Energy (MeV)

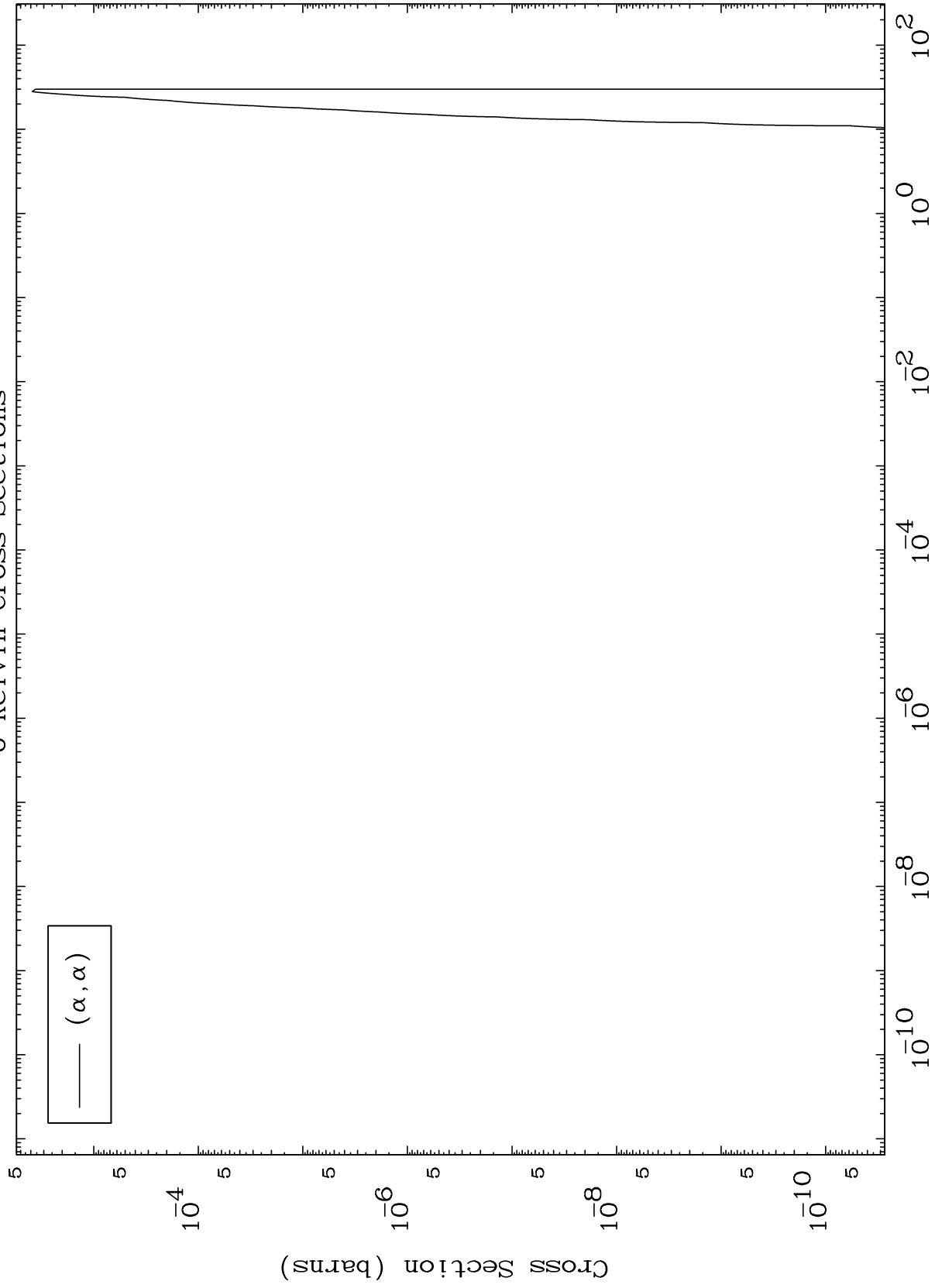
61-Pm-135



MAT 6114

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

61-Pm-135



10

Incident Energy (MeV)

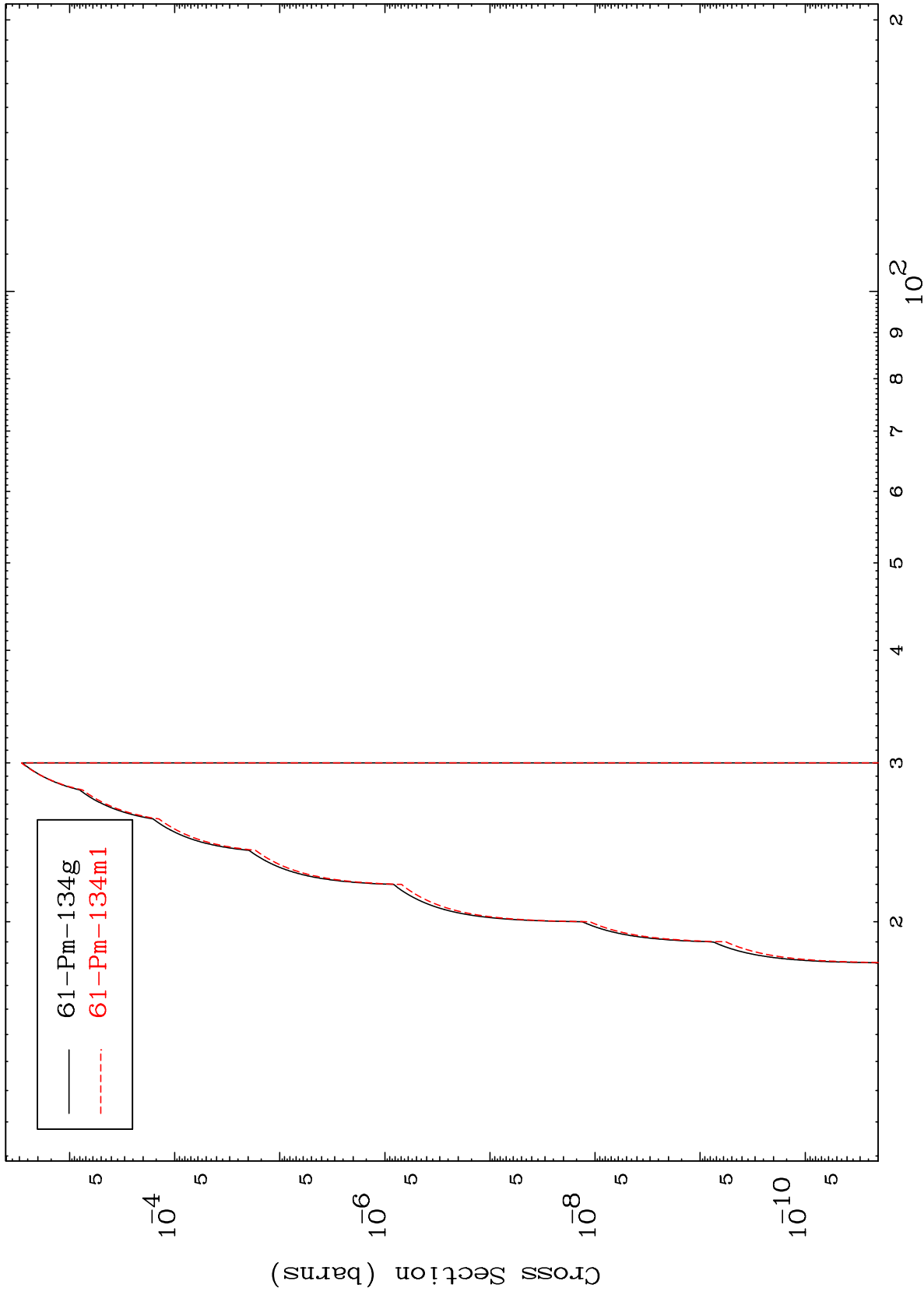
61-Pm-135

MAT 6114

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

61-Pm-135

Radionuclide Production Cross Section



11

Incident Energy (MeV)

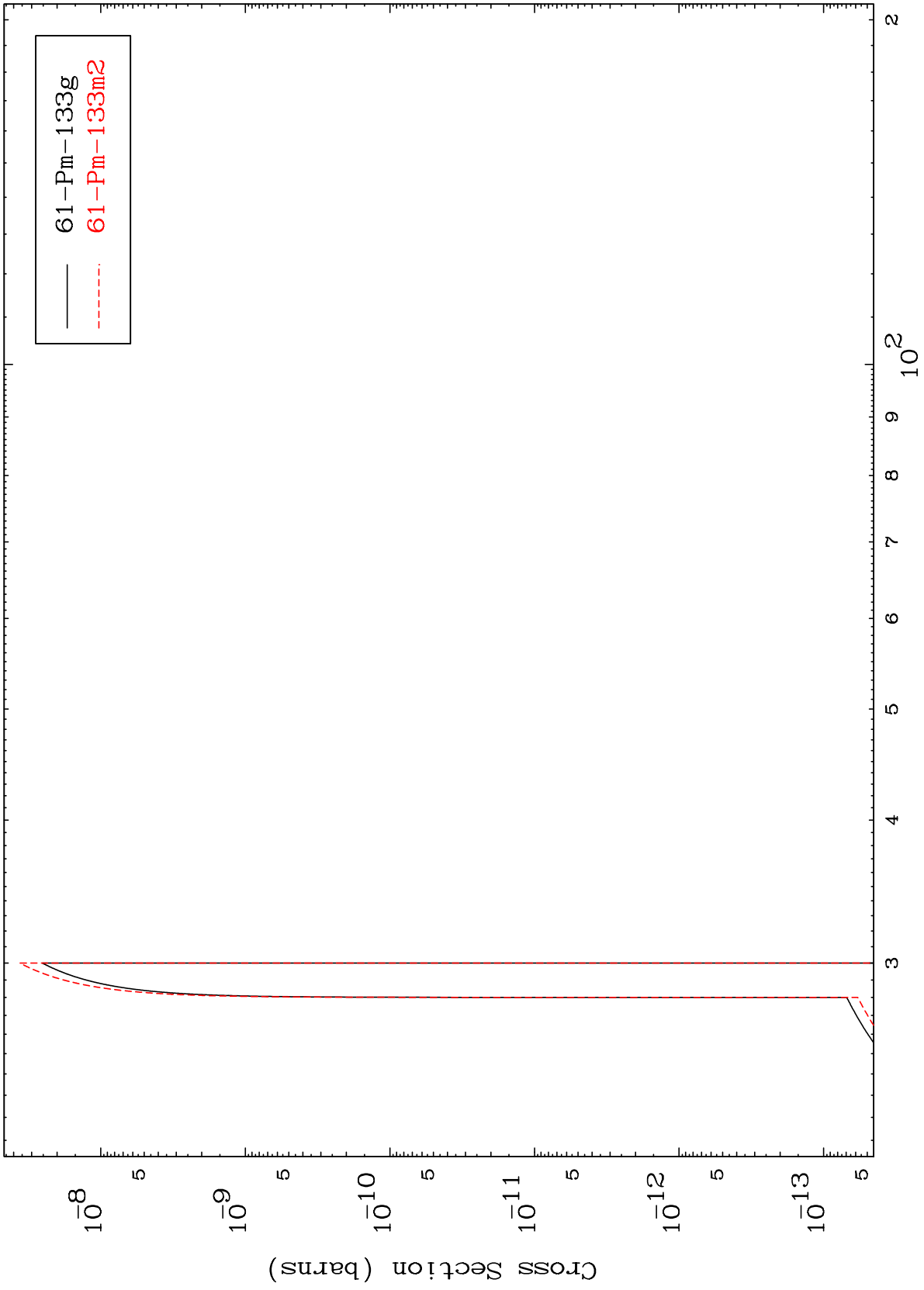
61-Pm-135

MAT 6114

$(\alpha, 2n) \alpha$

$^{61}\text{Pm}-135$

Radionuclide Production Cross Section



12

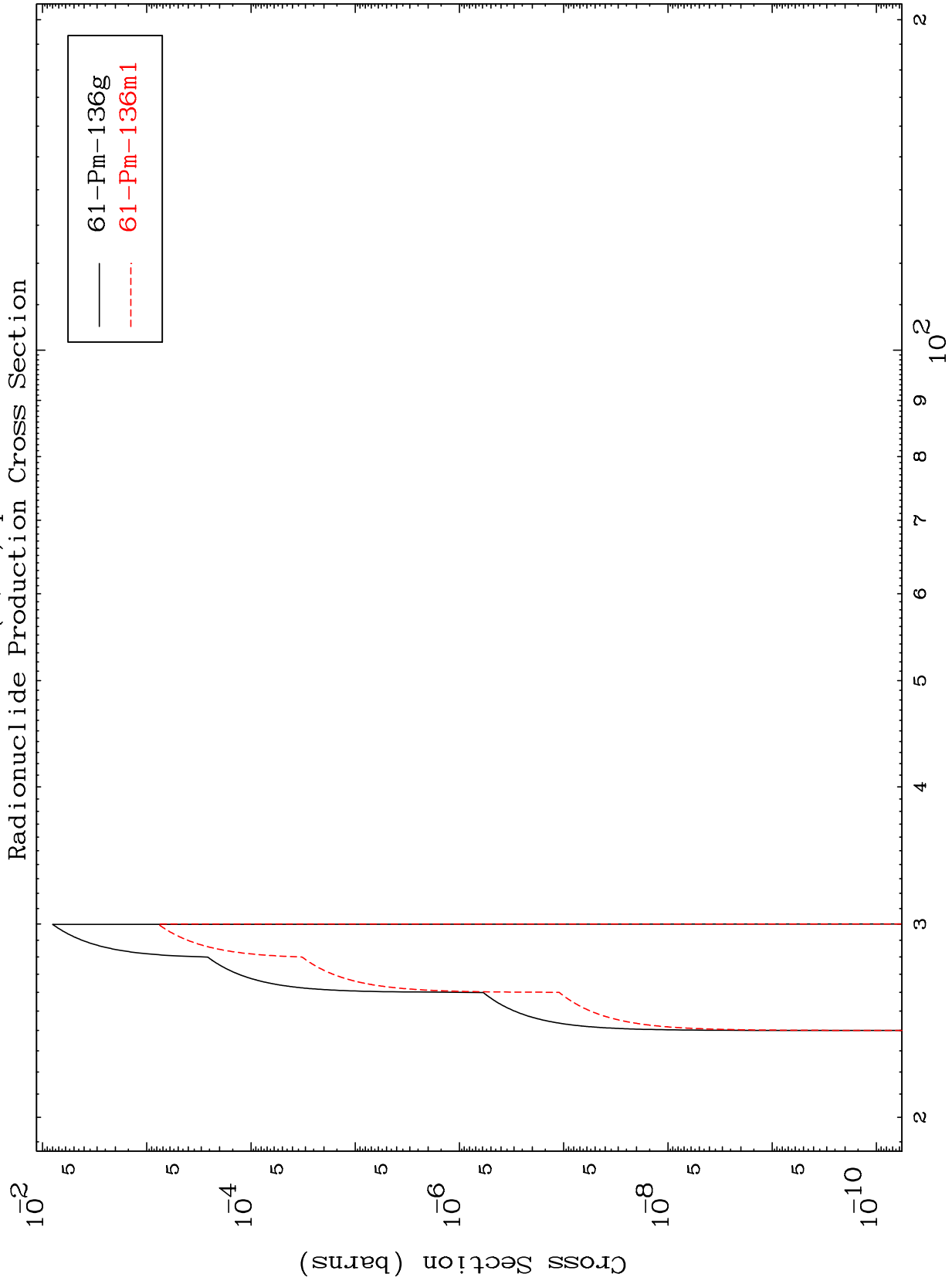
Incident Energy (MeV)

$^{61}\text{Pm}-135$

MAT 6114

$(\alpha, 2n)$  p

61-Pm-135



13

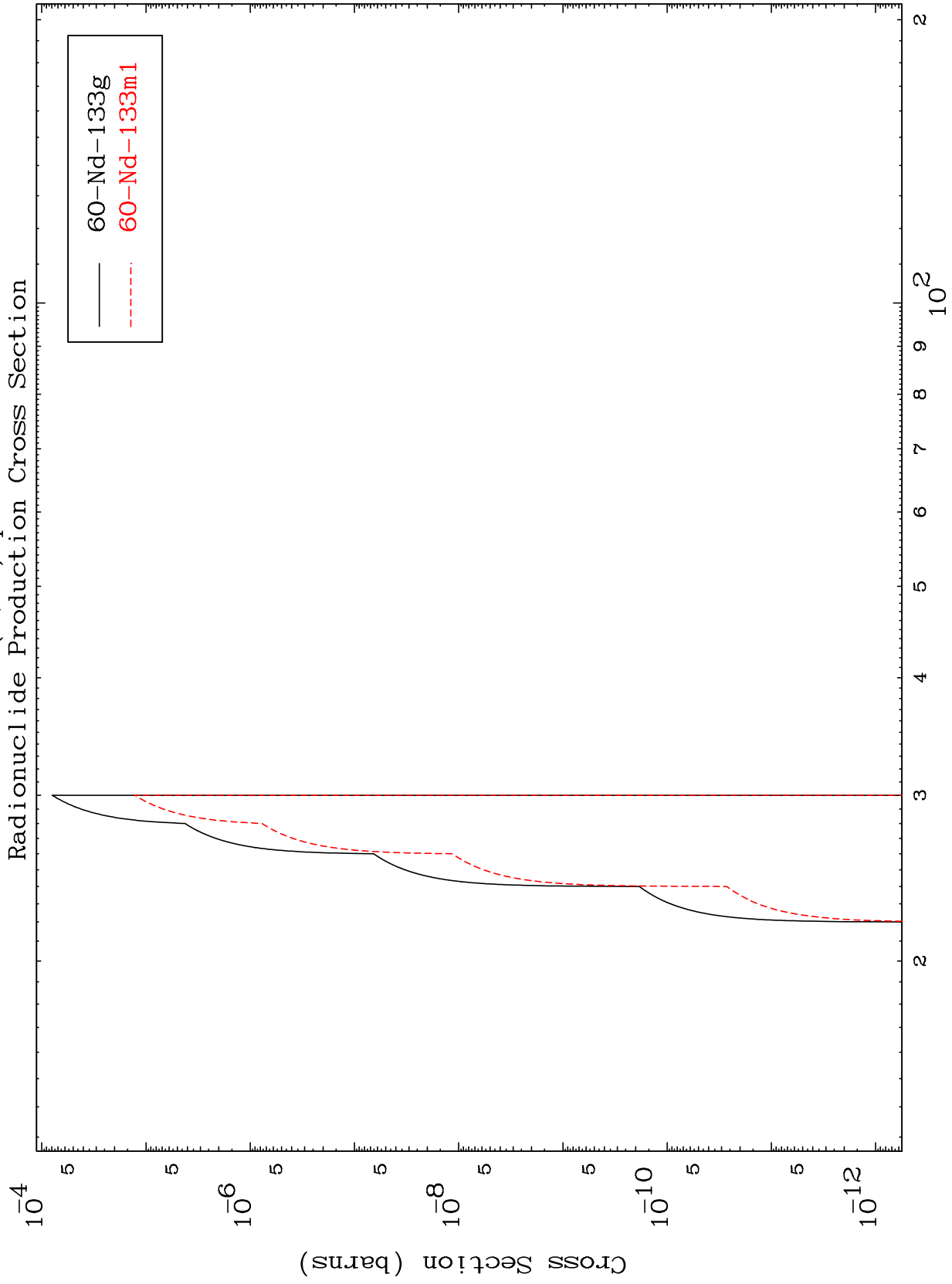
Incident Energy (MeV)

61-Pm-135

MAT 6114

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

61-Pm-135



14

61-Pm-135

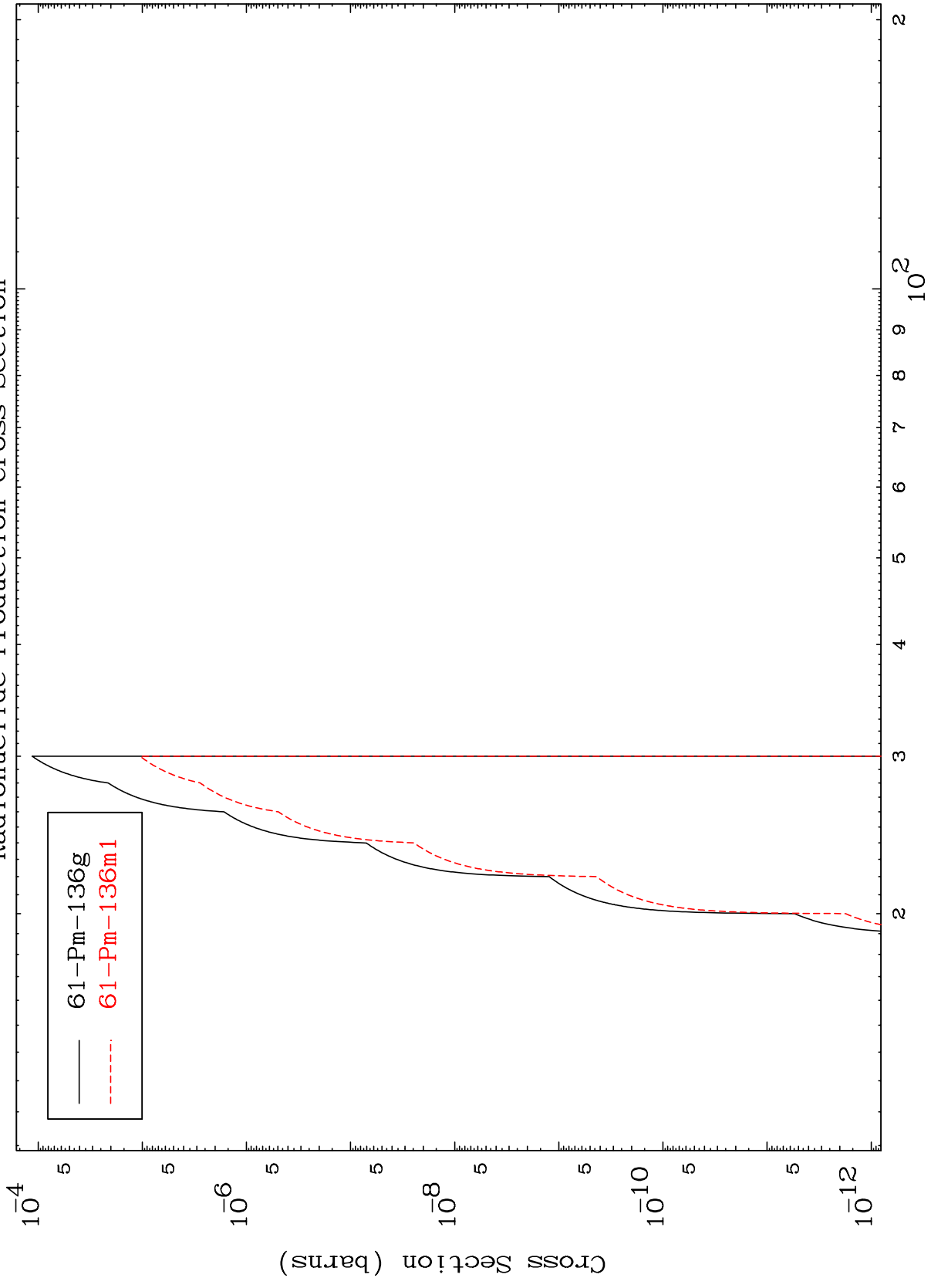
61-Pm-135

MAT 6114

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

61-Pm-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-135

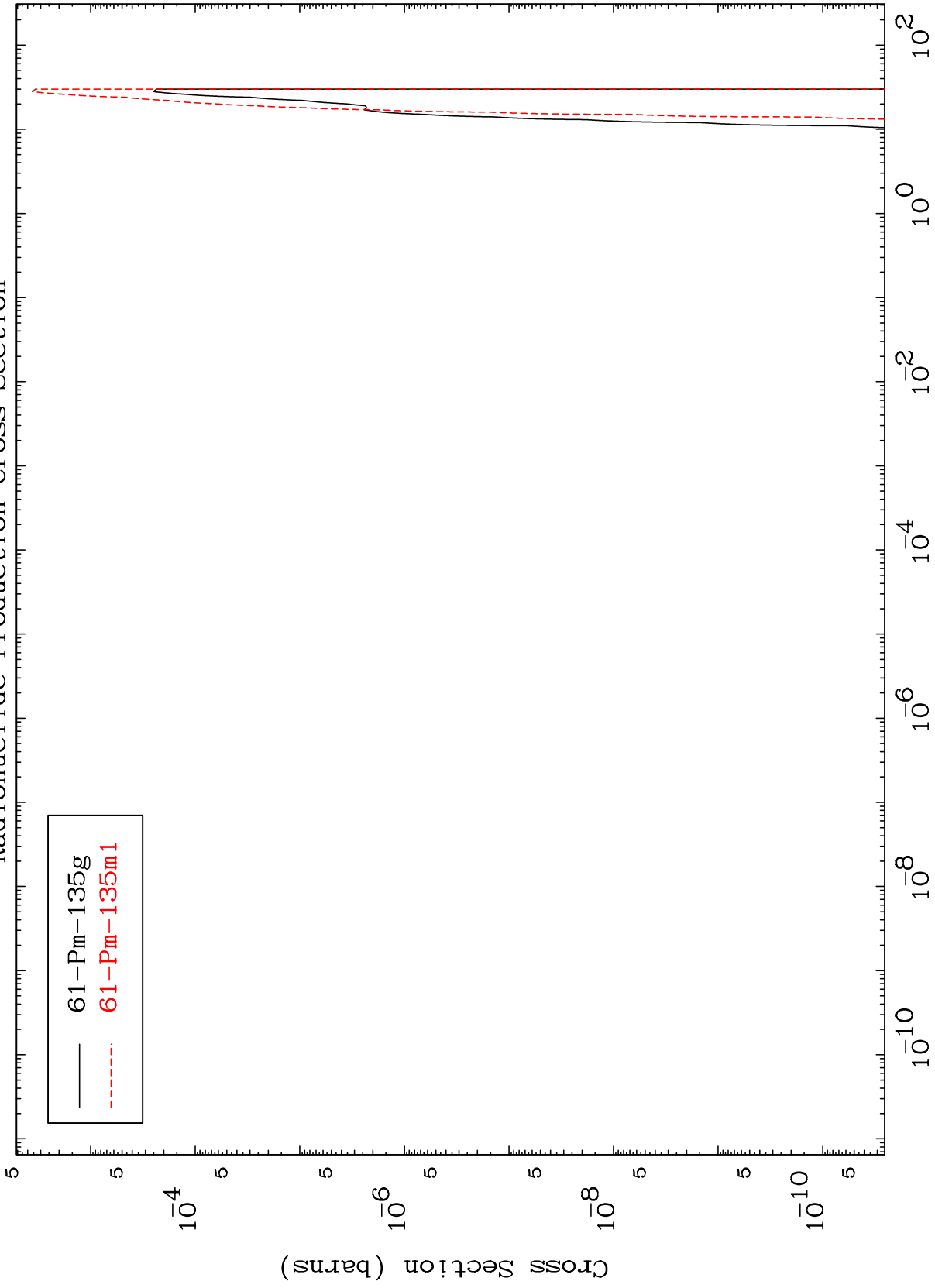


MAT 6114

( $\alpha, \alpha$ )

61-Pm-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

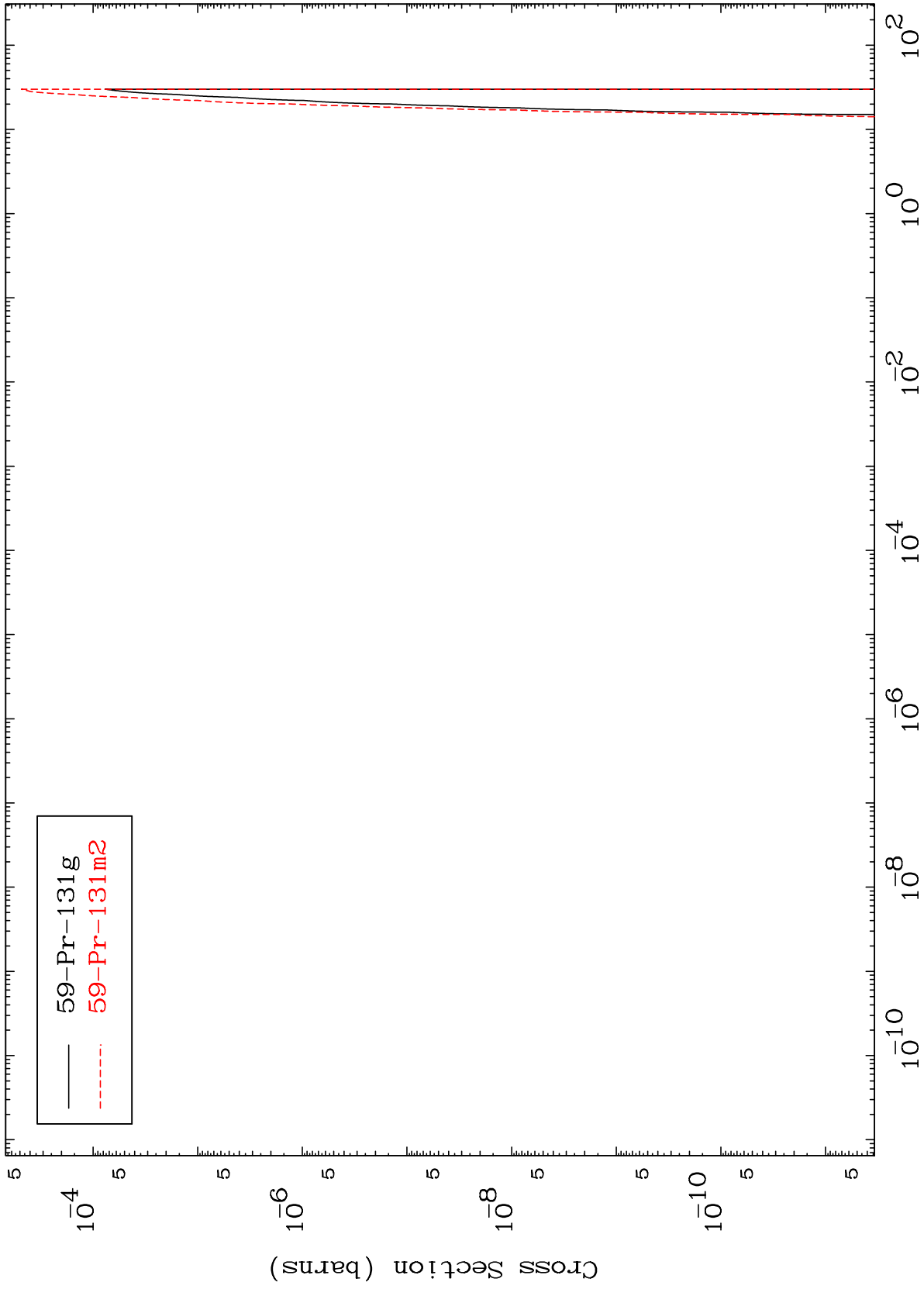
61-Pm-135

MAT 6114

( $\alpha, 2\alpha$ )

61-Pm-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

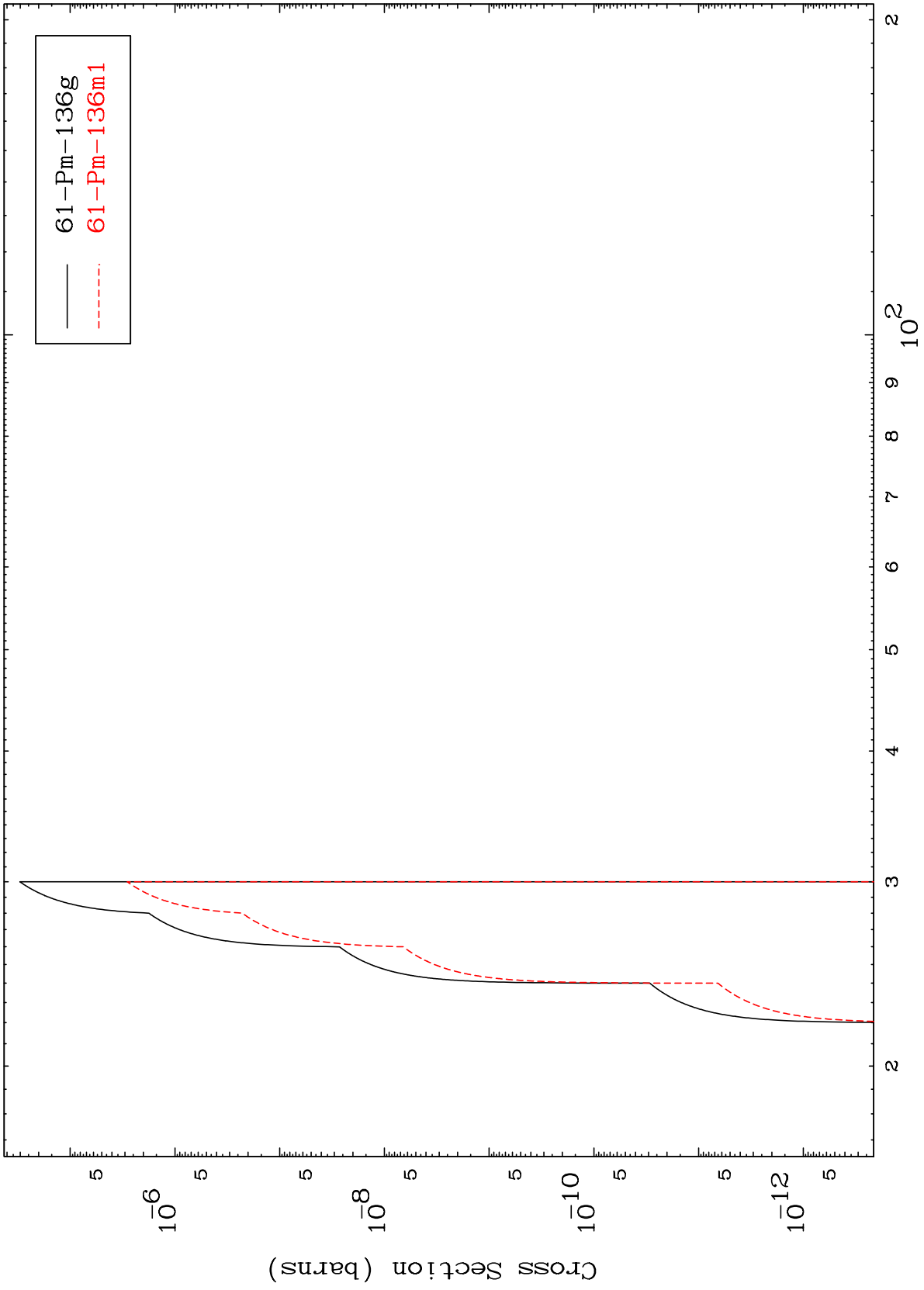
61-Pm-135

MAT 6114

( $\alpha, p$ ) d

61-Pm-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

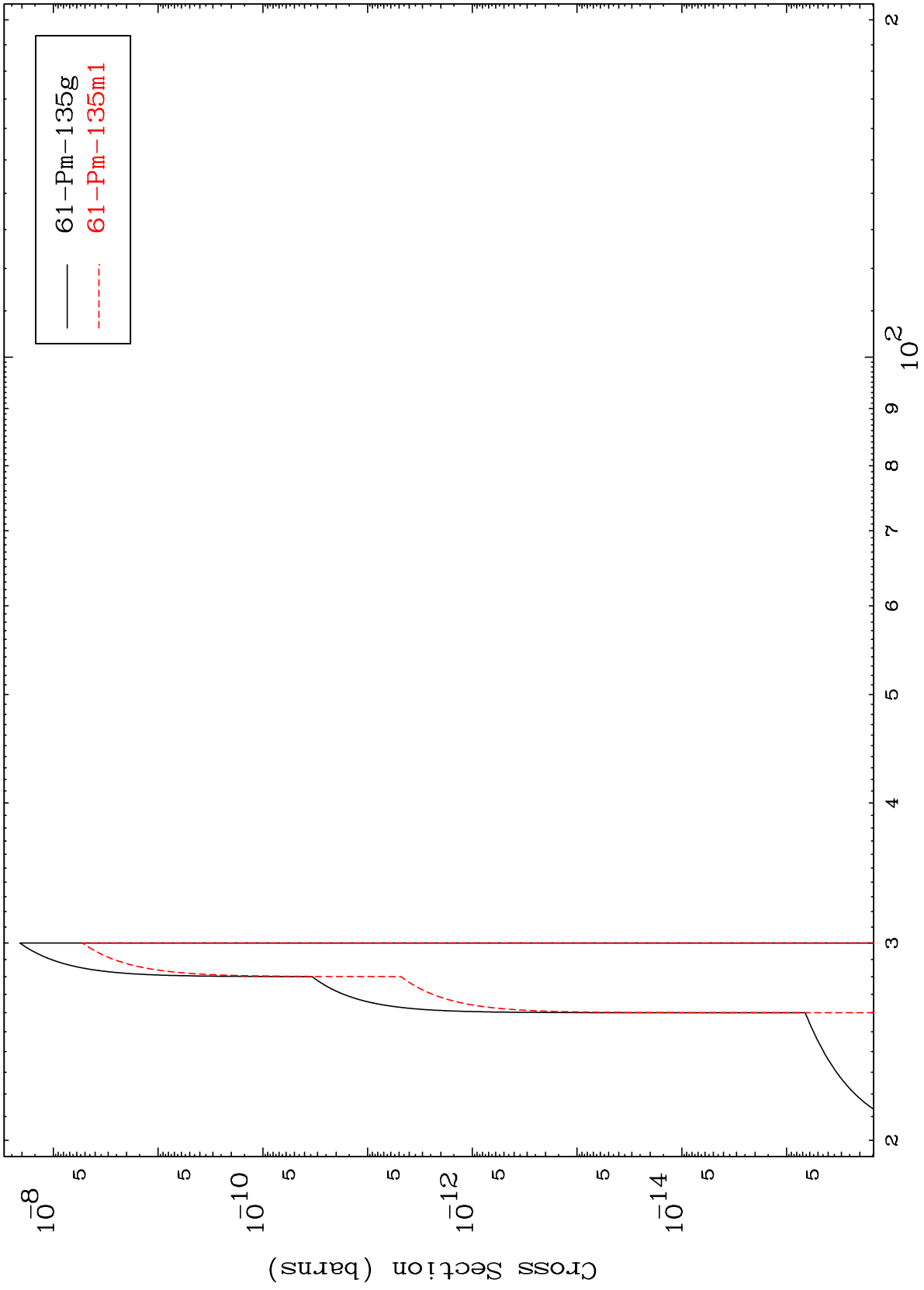
61-Pm-135

MAT 6114

( $\alpha, p$ ) t

61-Pm-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

61-Pm-135

MAT 6114

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

61-Pm-135

Radionuclide Production Cross Section

