

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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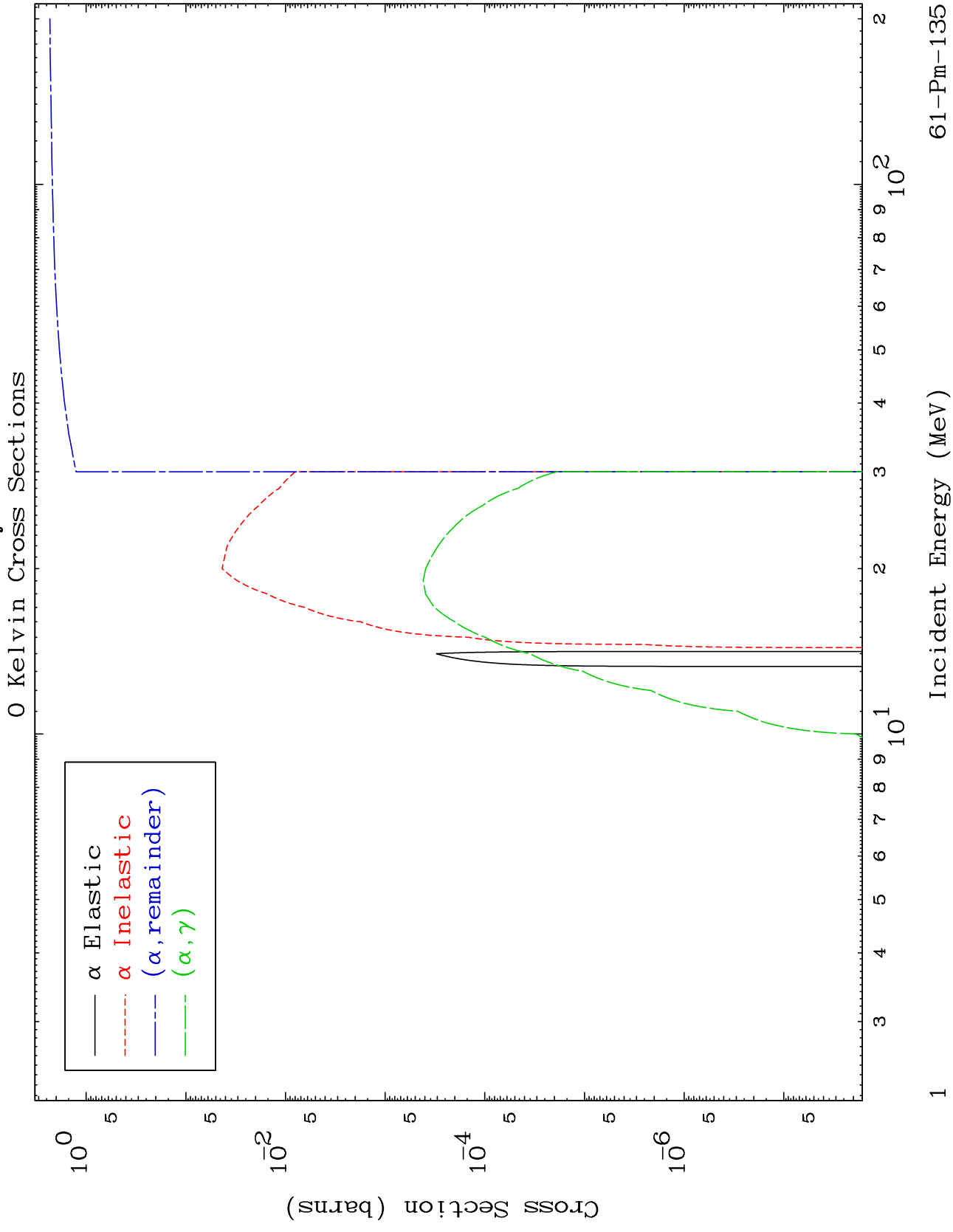
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

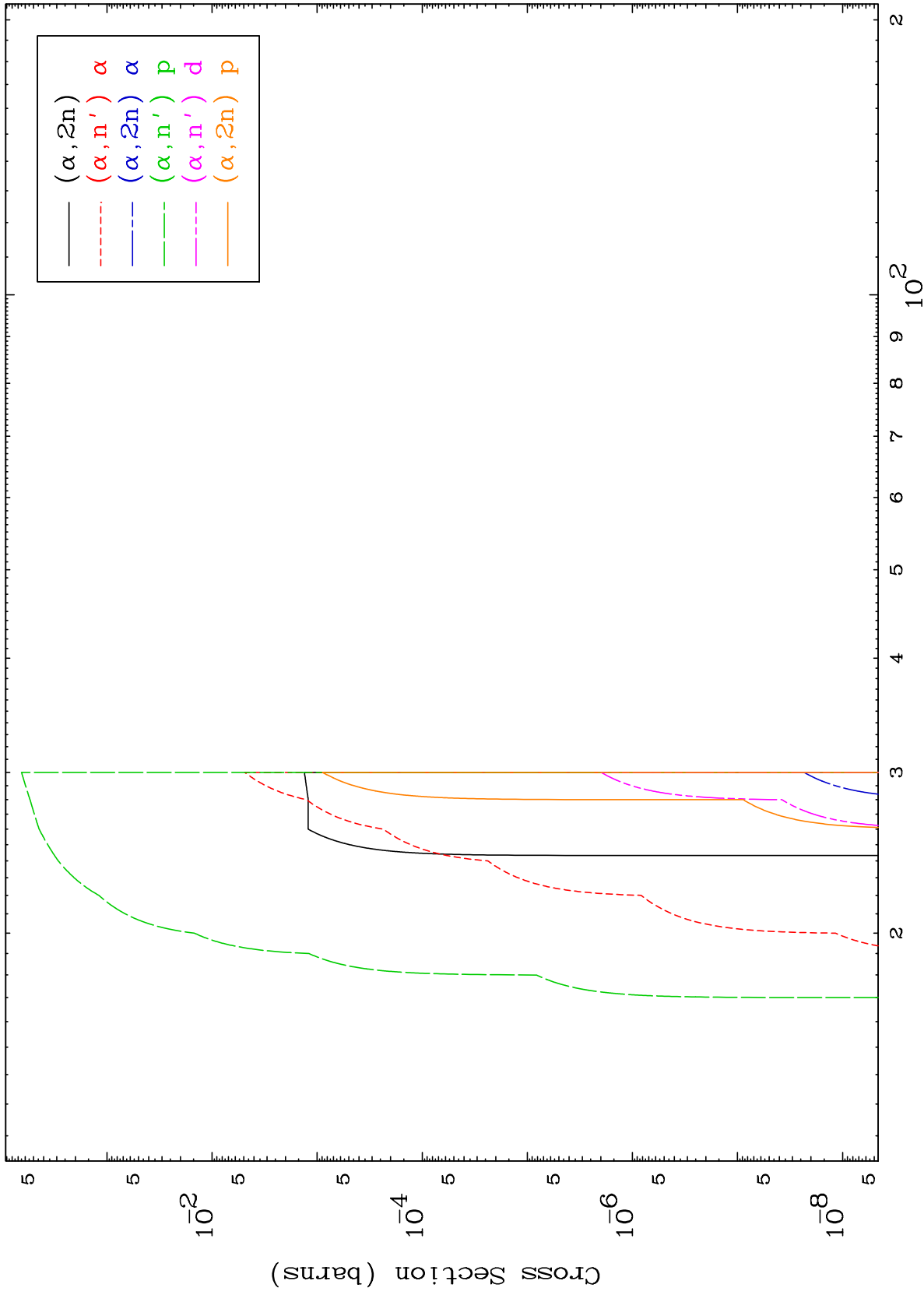
Press Mouse Button to Start

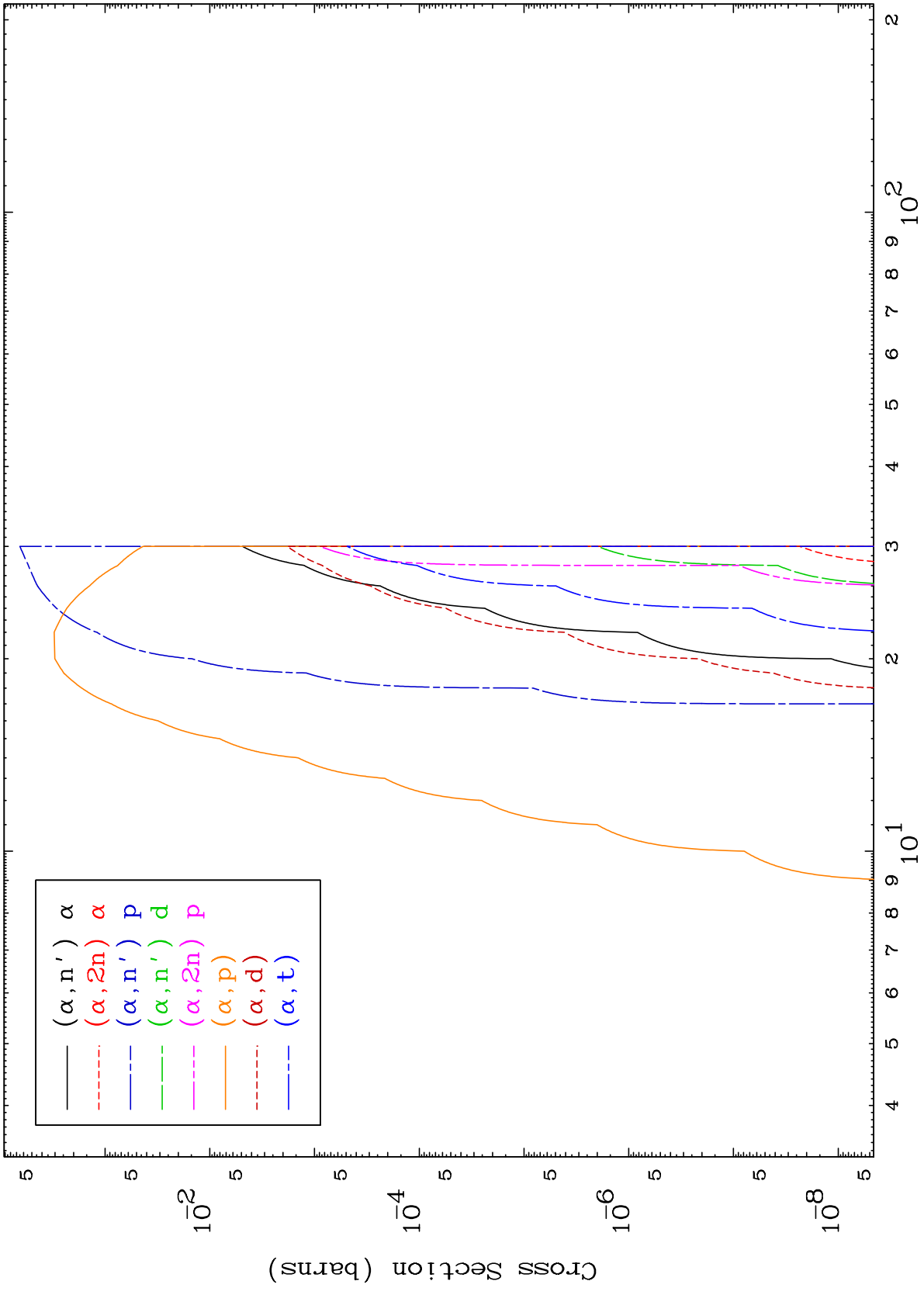
MAT 6113

0 Kelvin  $\alpha$  Major

61-Pm-135



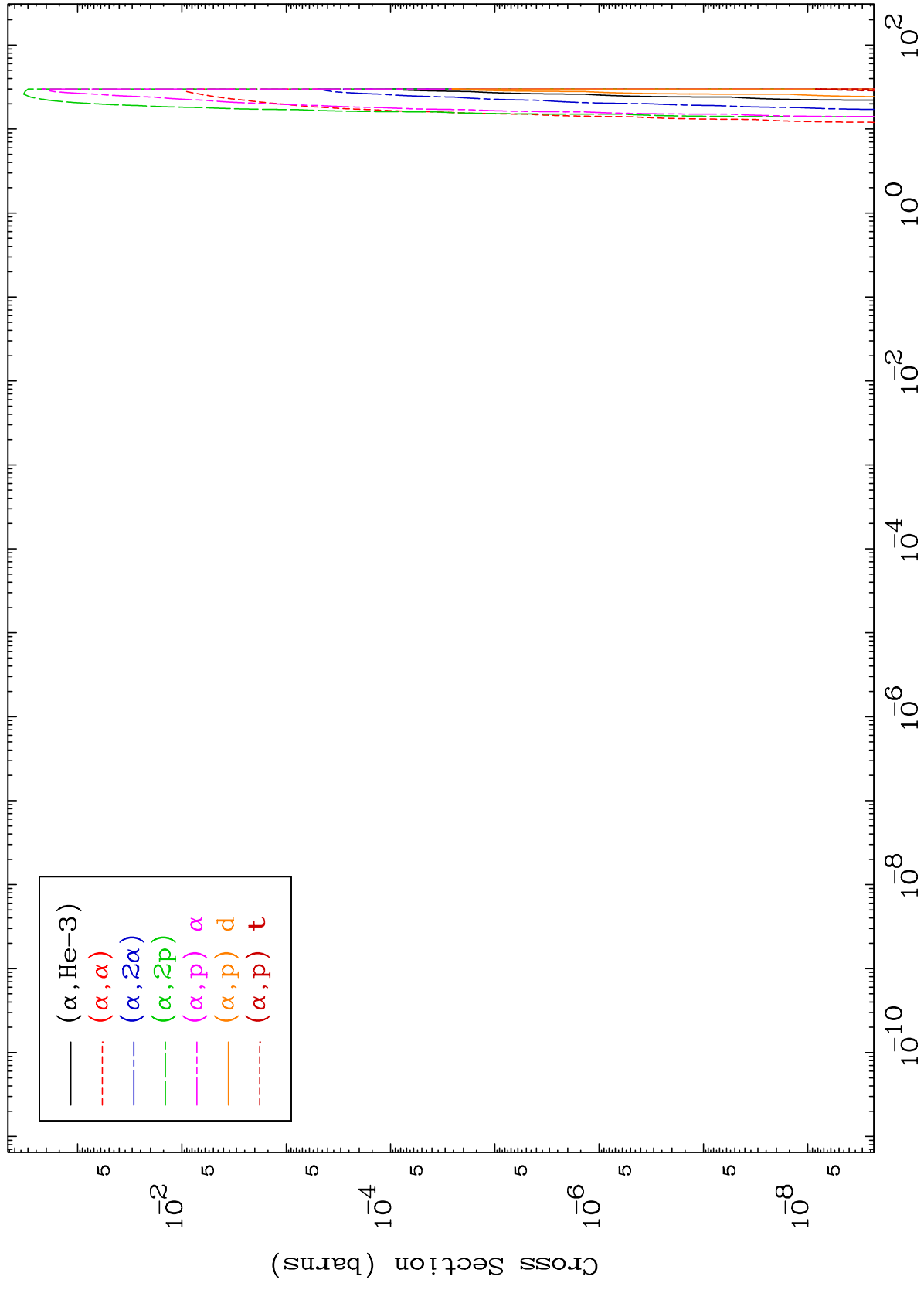




MAT 6113

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

61-Pm-135

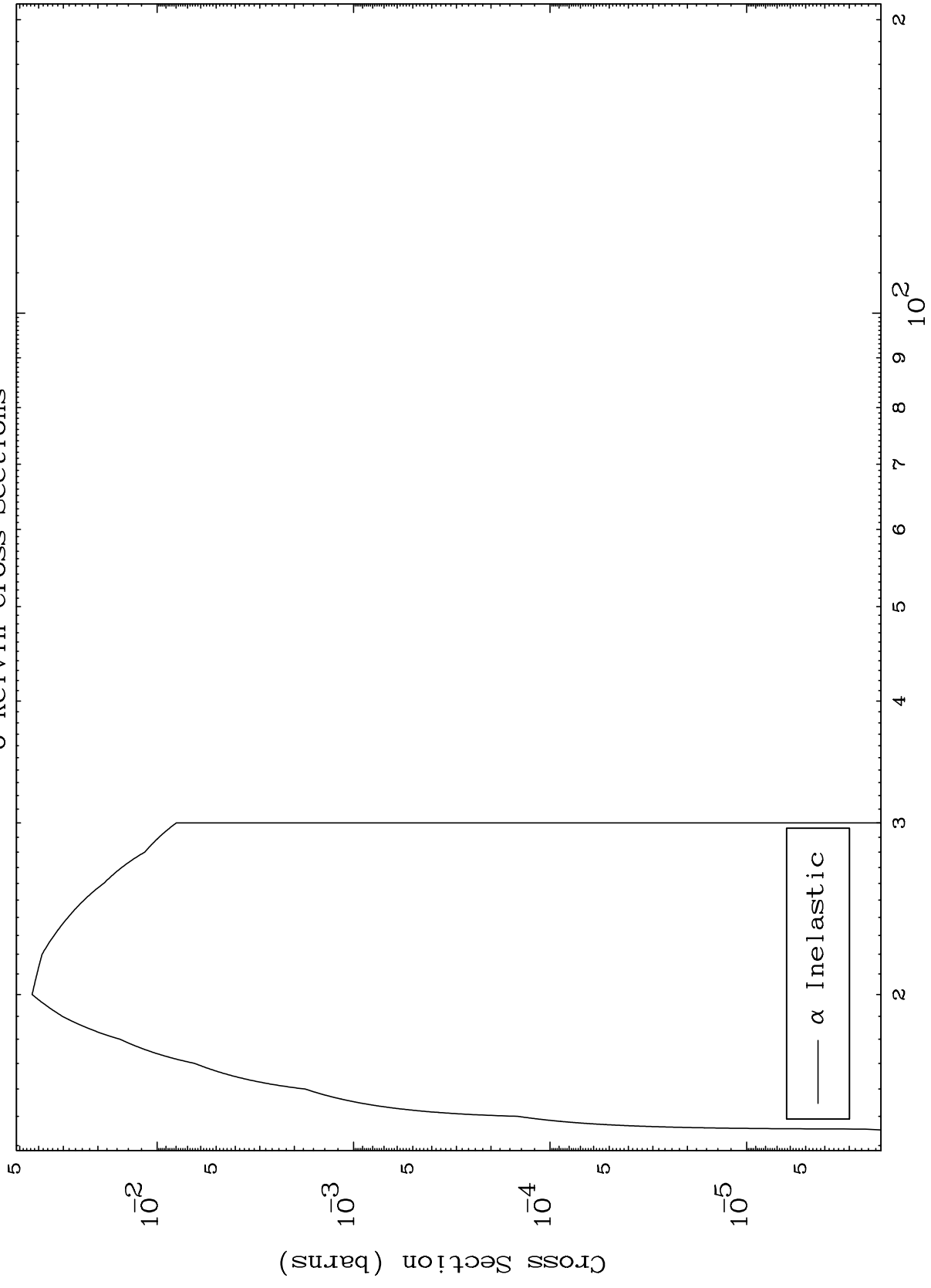


61-Pm-135

MAT 6113

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

61-Pm-135



5

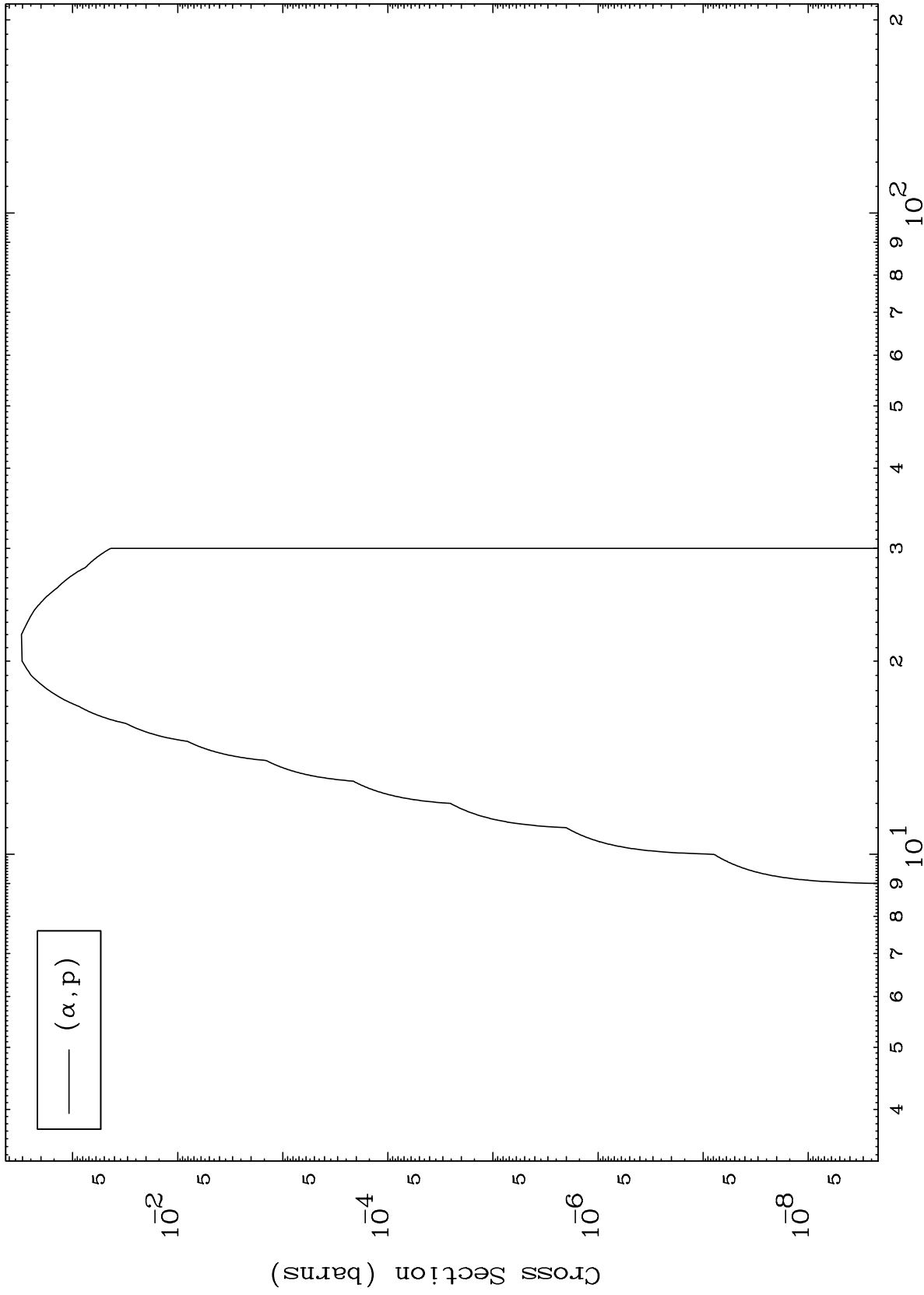
Incident Energy (MeV)

61-Pm-135

MAT 6113

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

61-Pm-135



6

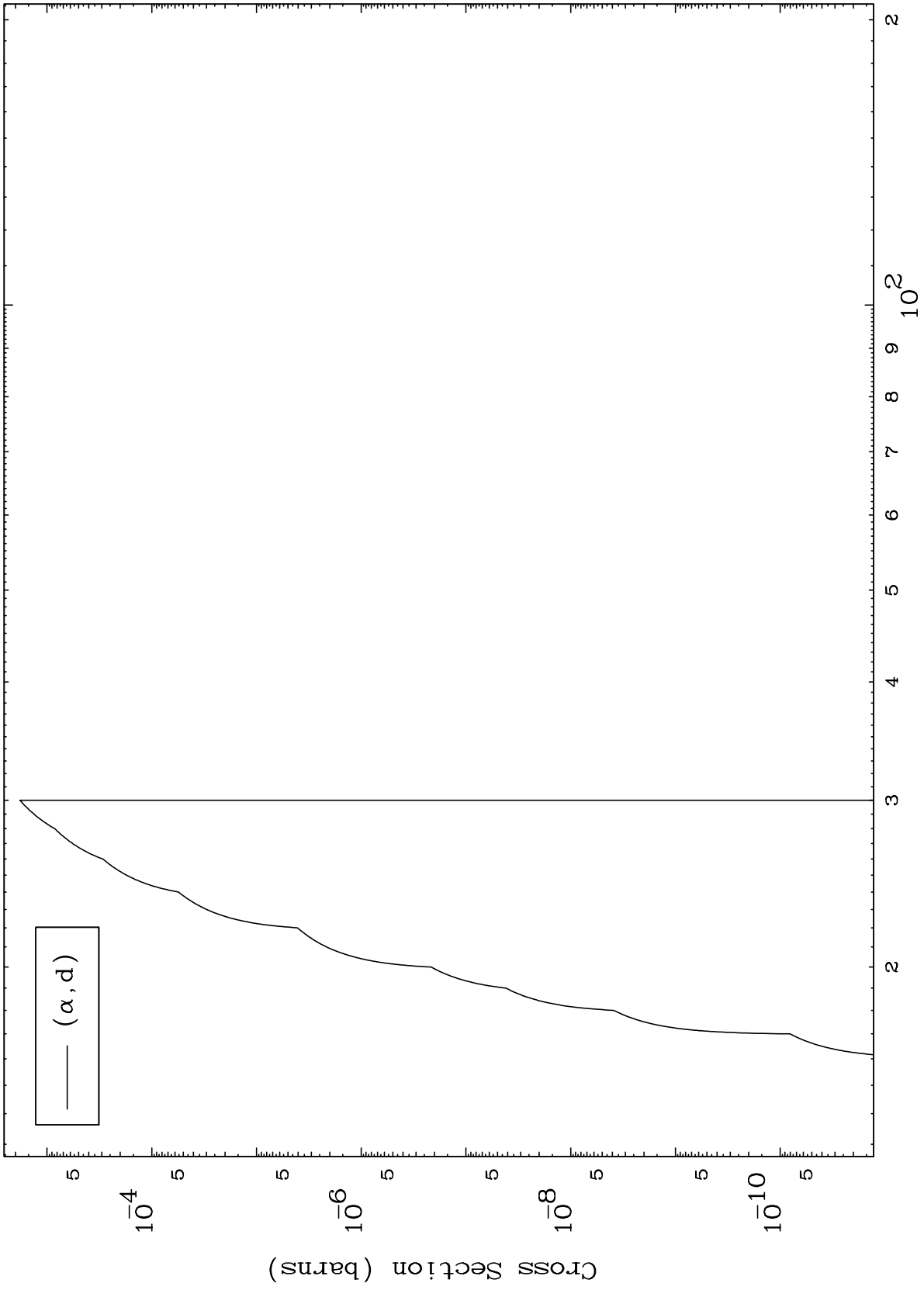
Incident Energy (MeV)

61-Pm-135

MAT 6113

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

61-Pm-135



7

Incident Energy (MeV)

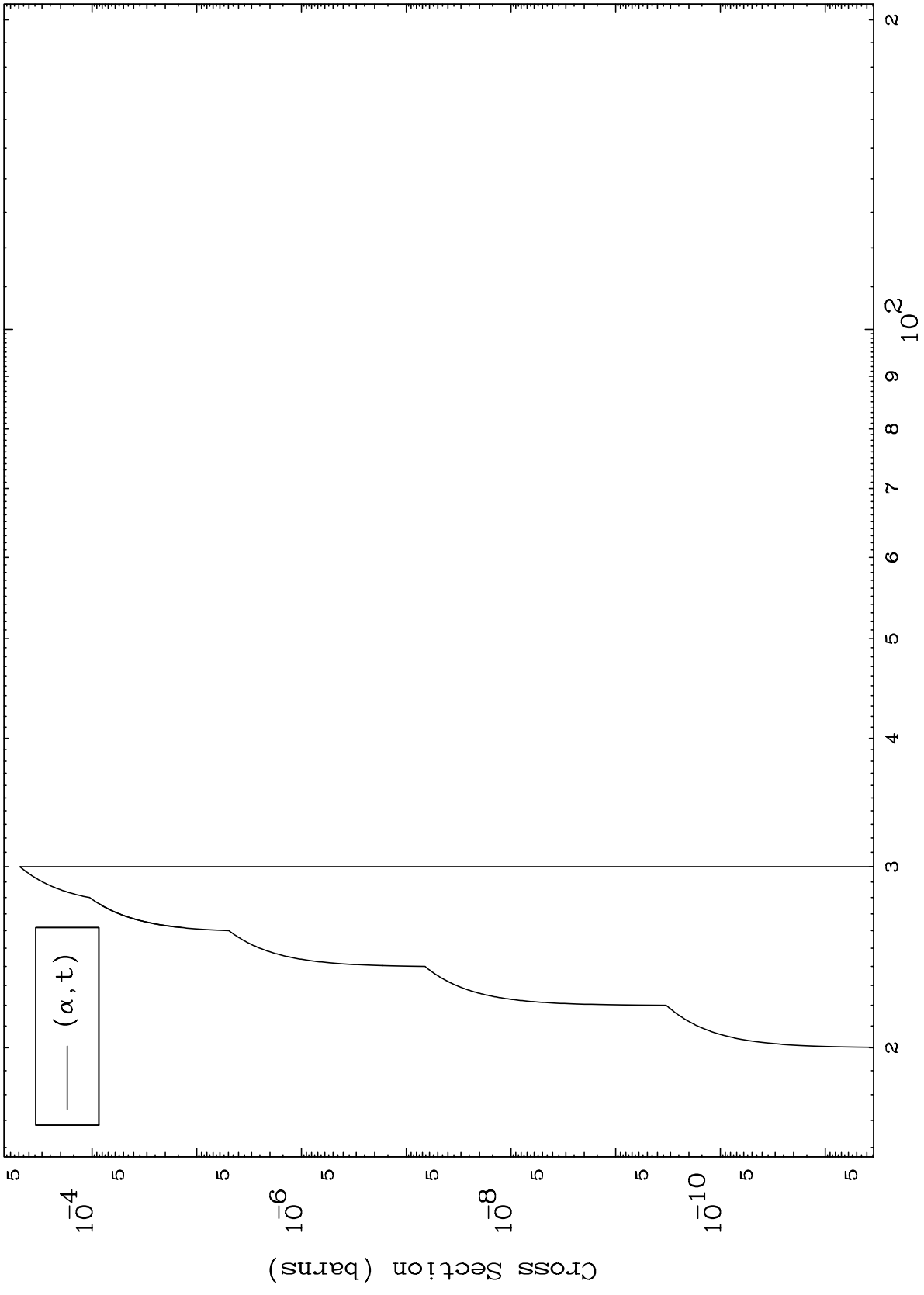
61-Pm-135



MAT 6113

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

61-Pm-135



8

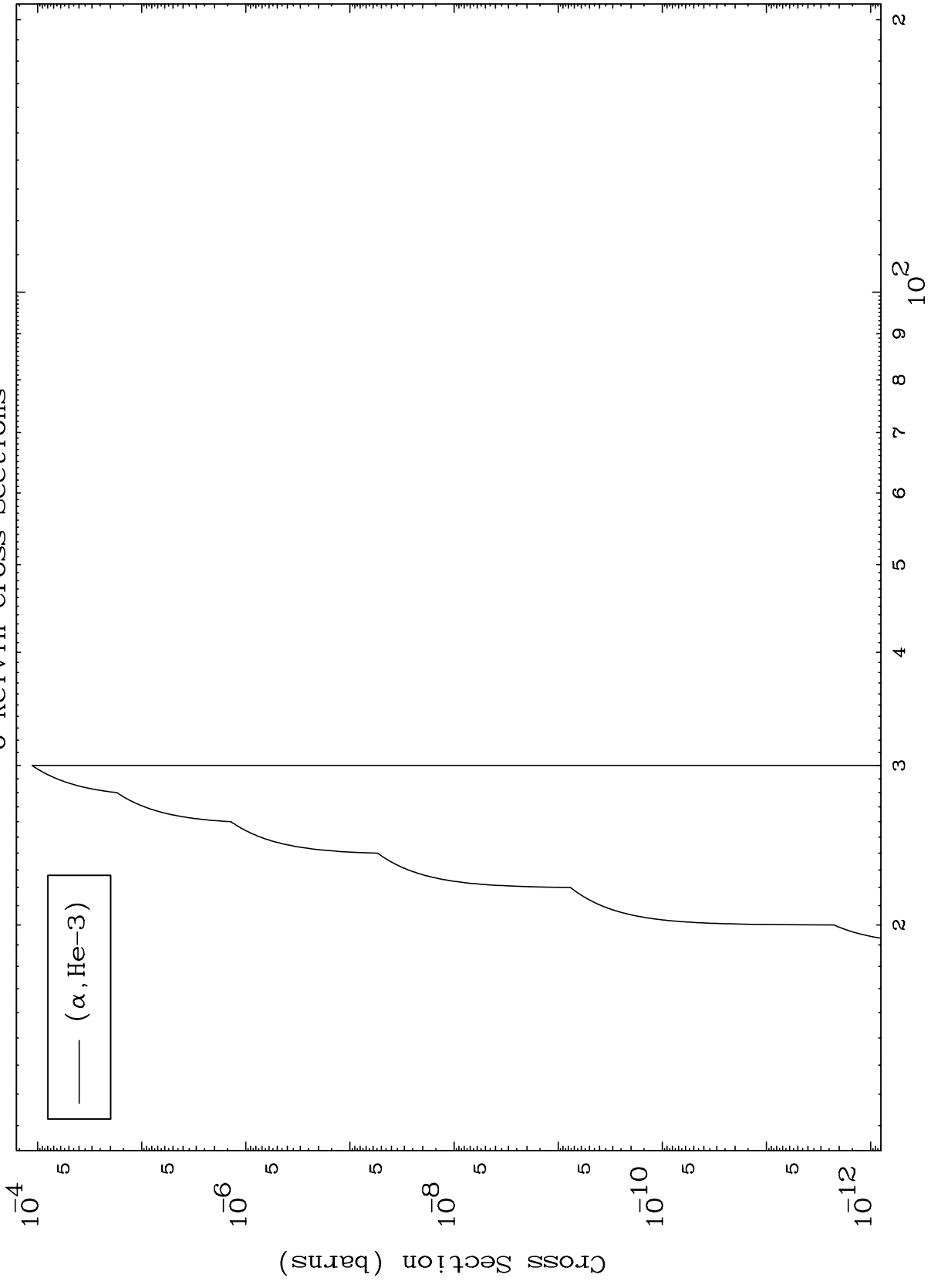
Incident Energy (MeV)

61-Pm-135

MAT 6113

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

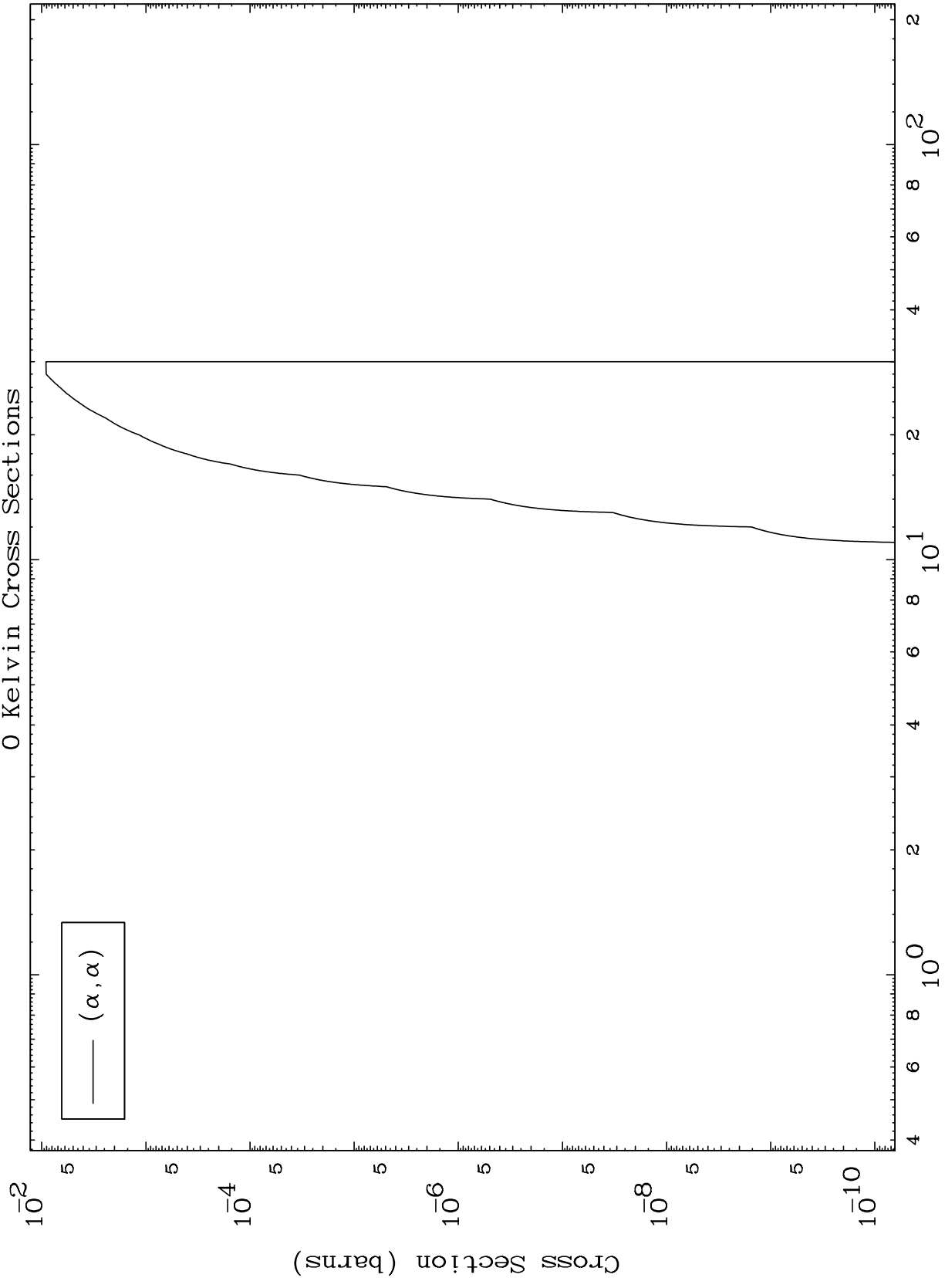
61-Pm-135



MAT 6113

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

61-Pm-135



10

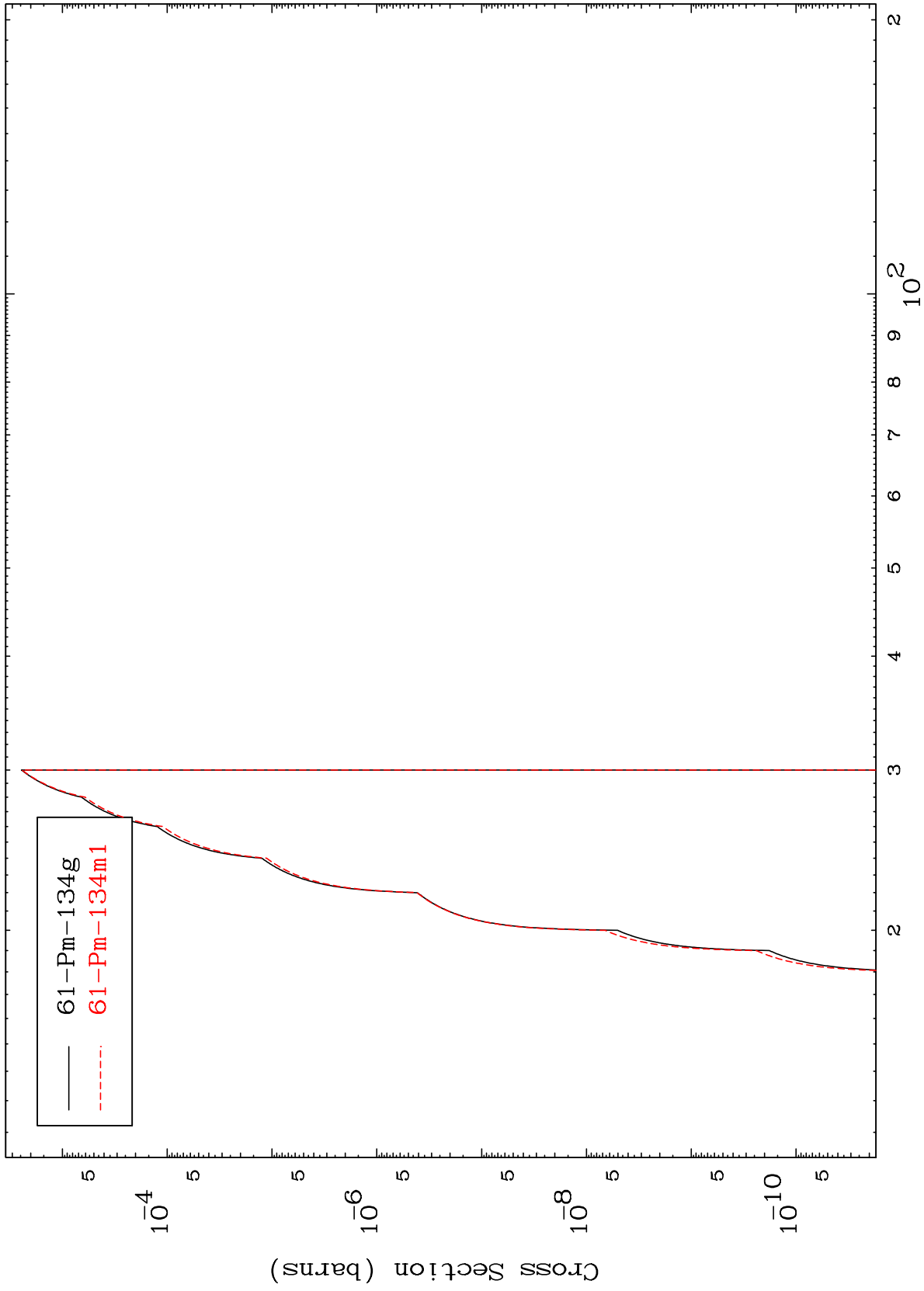
Incident Energy (MeV)

61-Pm-135

MAT 6113

61-Pm-135

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



11

Incident Energy (MeV)

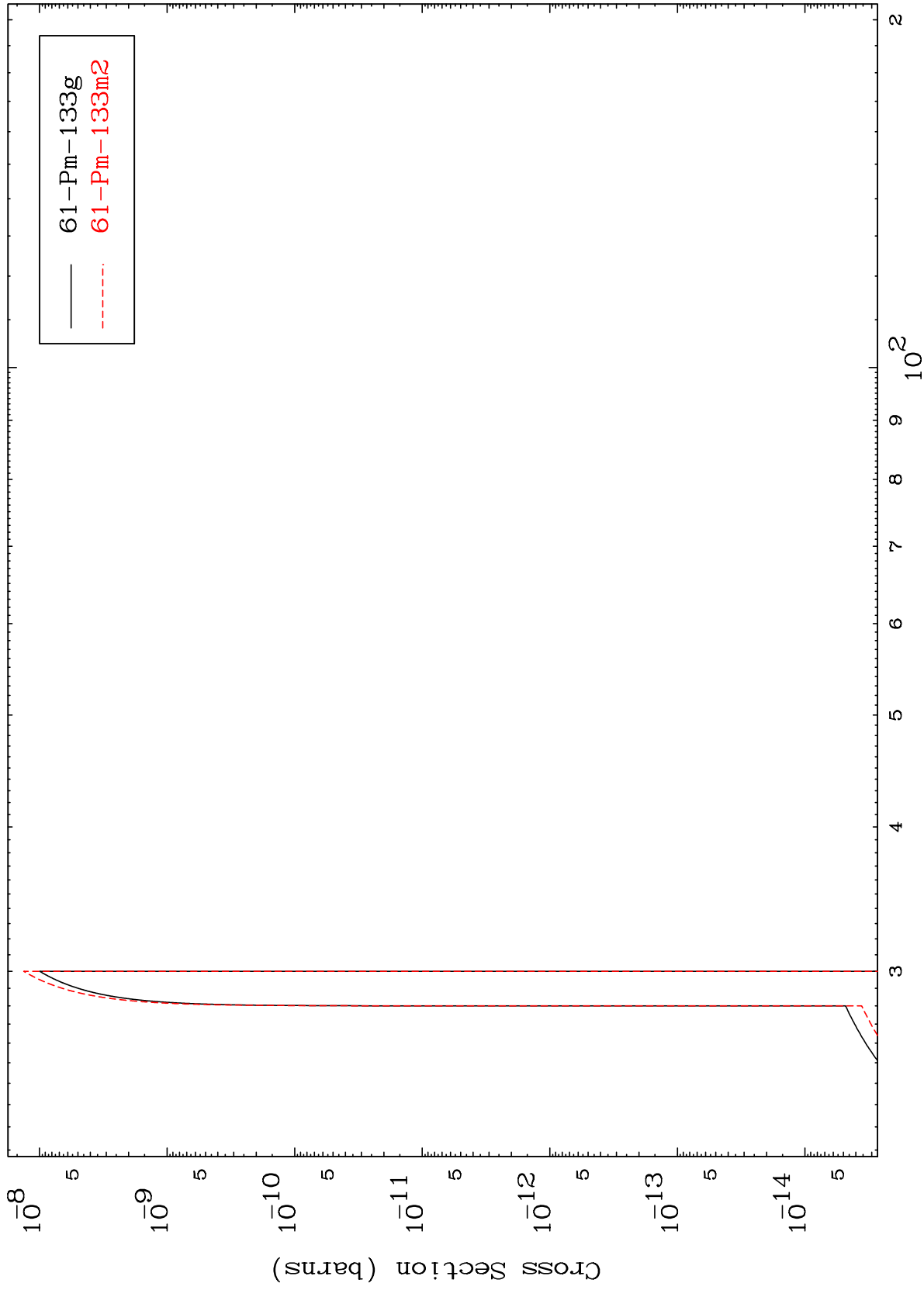
61-Pm-135

MAT 6113

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

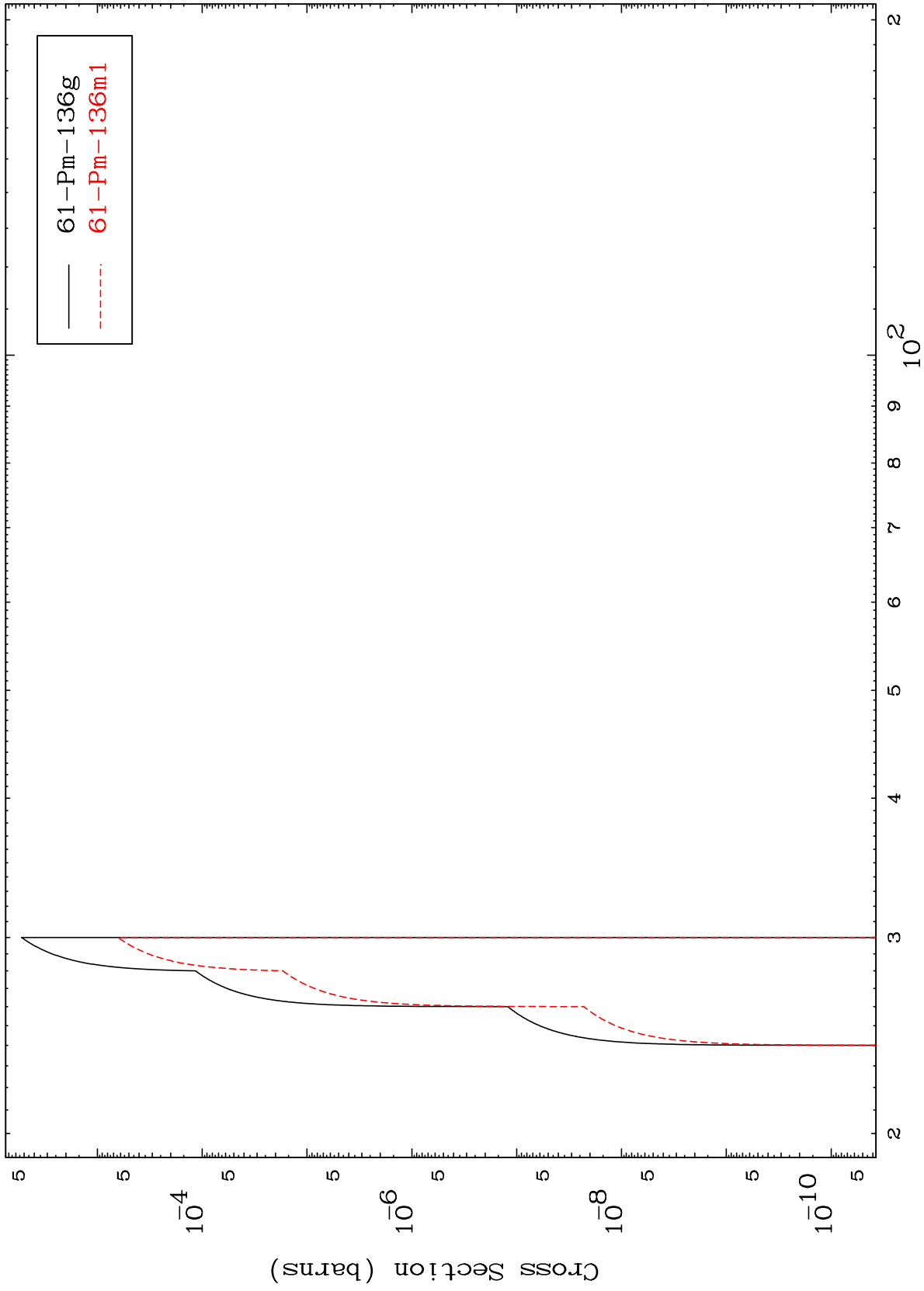
$^{61}\text{Pm-135}$

MAT 6113

$(\alpha, 2n)$  p

61-Pm-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

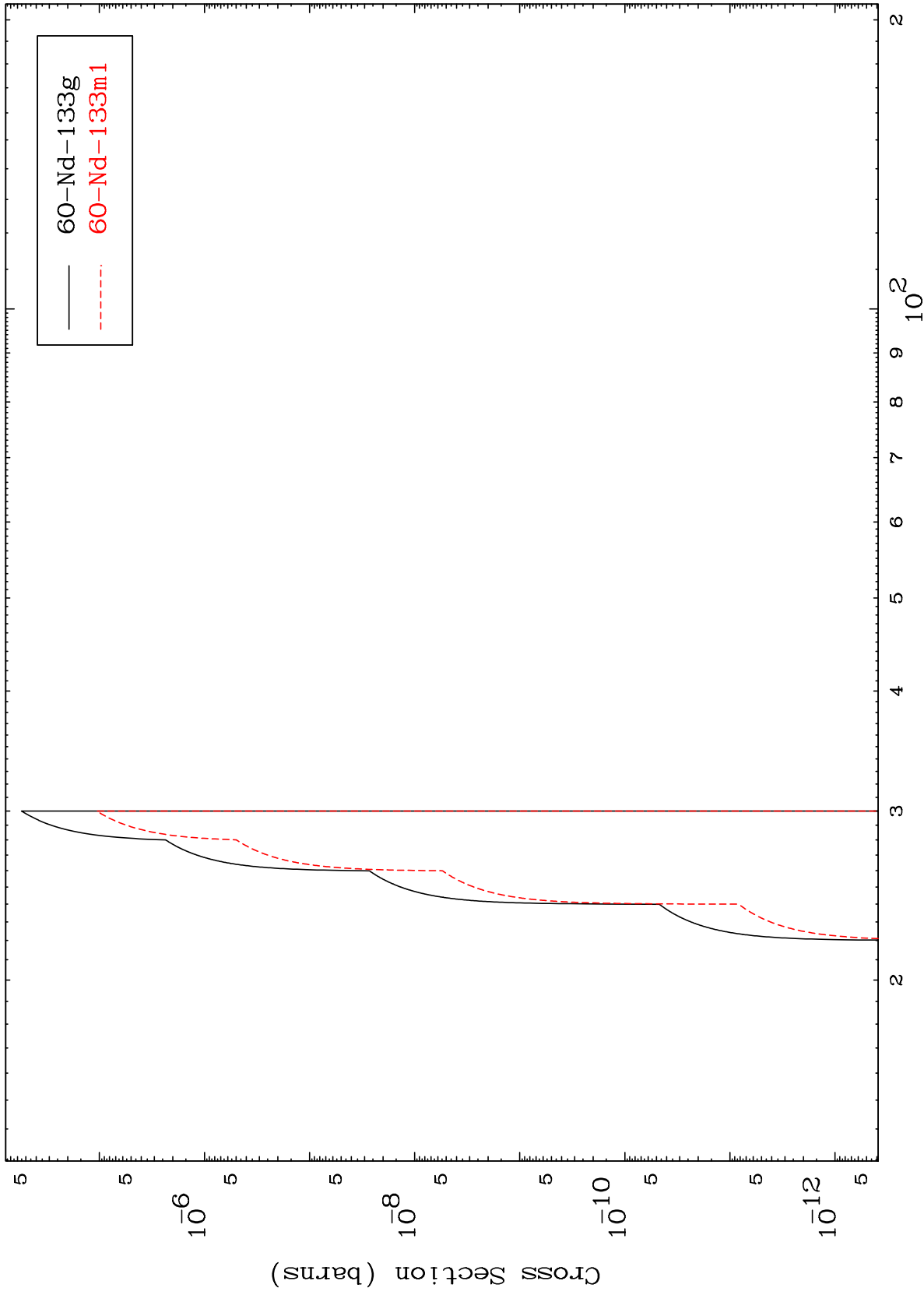
61-Pm-135

MAT 6113

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

61-Pm-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

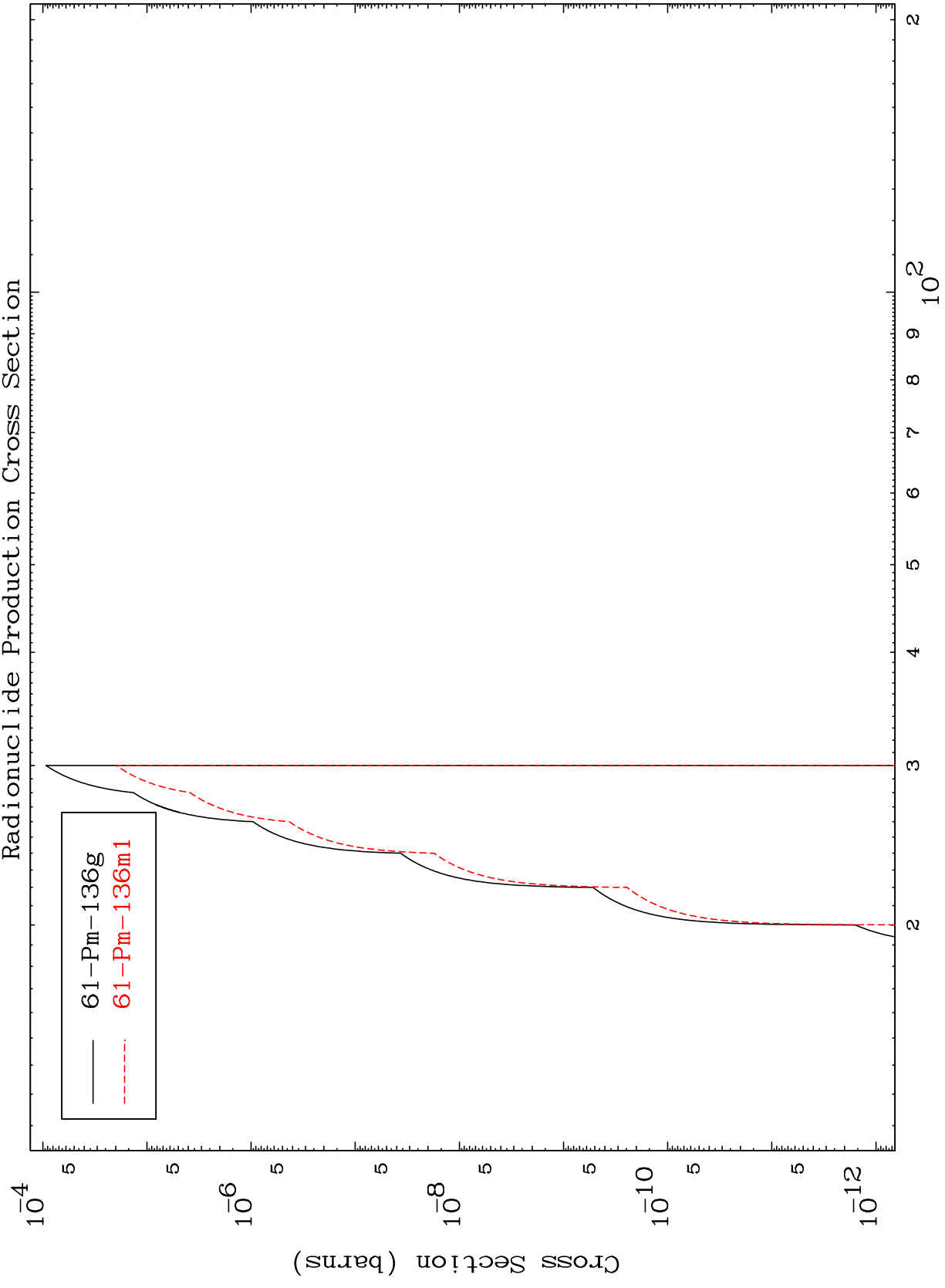
61-Pm-135

MAT 6113

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

61-Pm-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-135

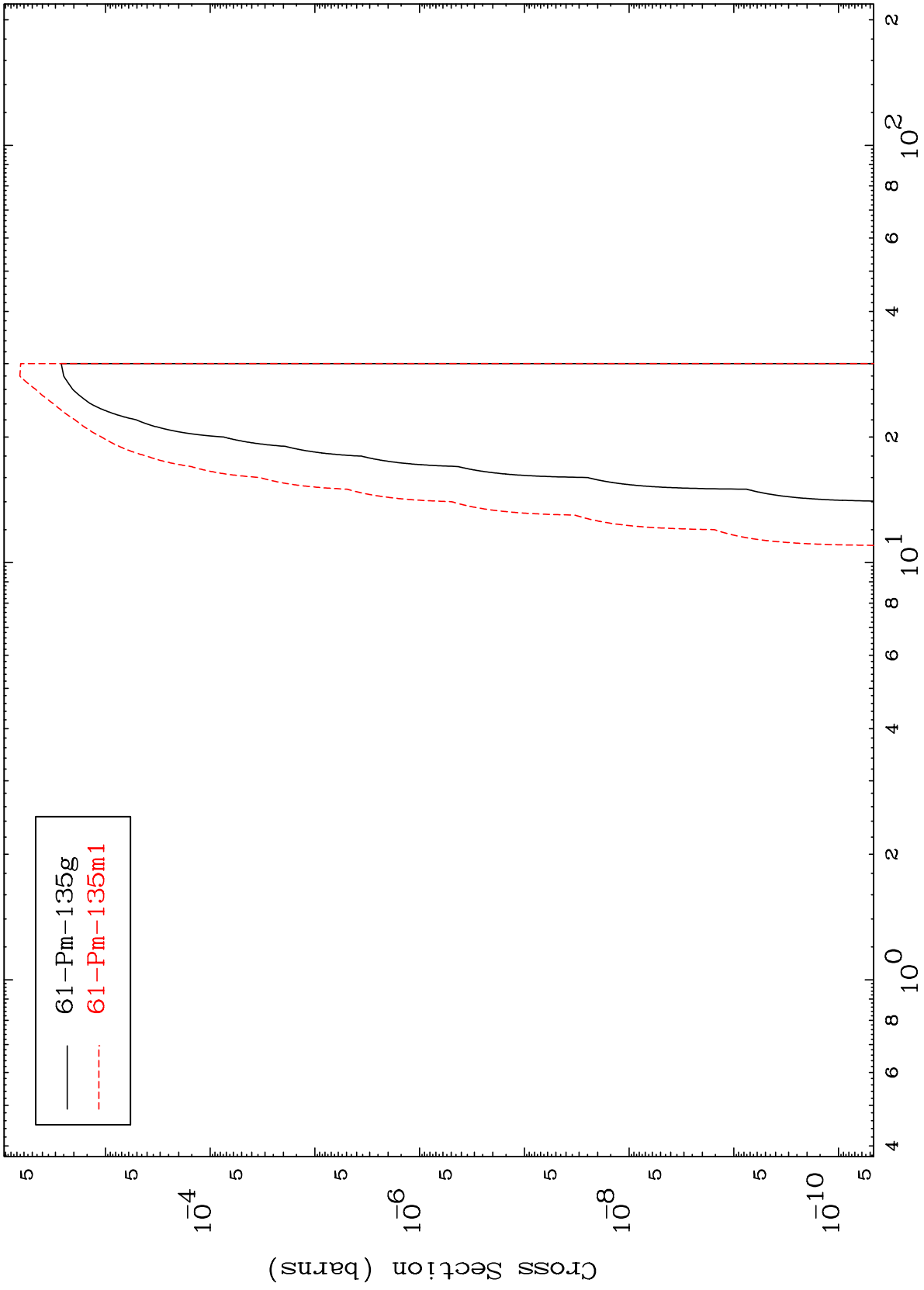


MAT 6113

( $\alpha, \alpha$ )

61-Pm-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

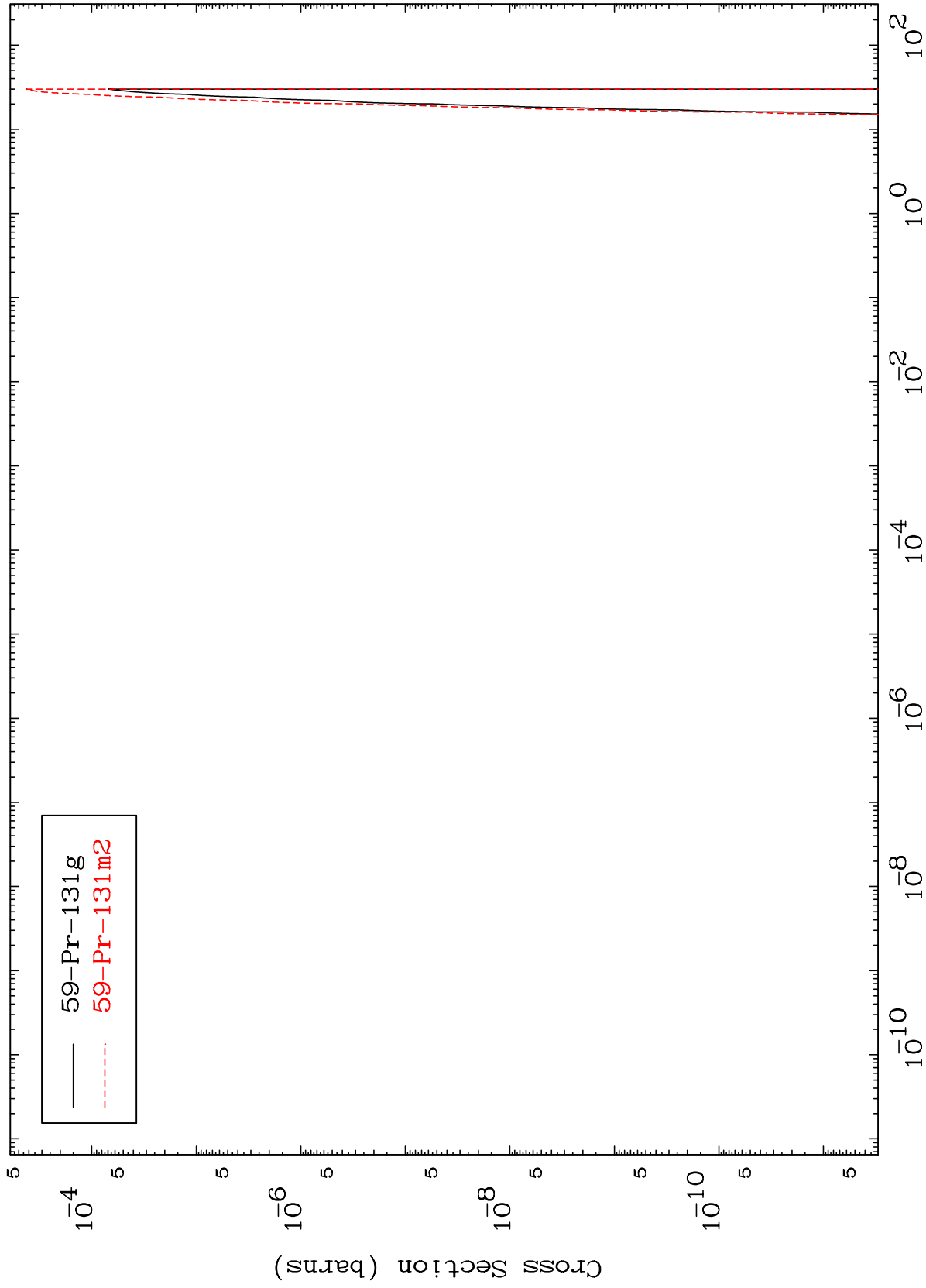
61-Pm-135

MAT 6113

( $\alpha, 2\alpha$ )

61-Pm-135

Radionuclide Production Cross Section

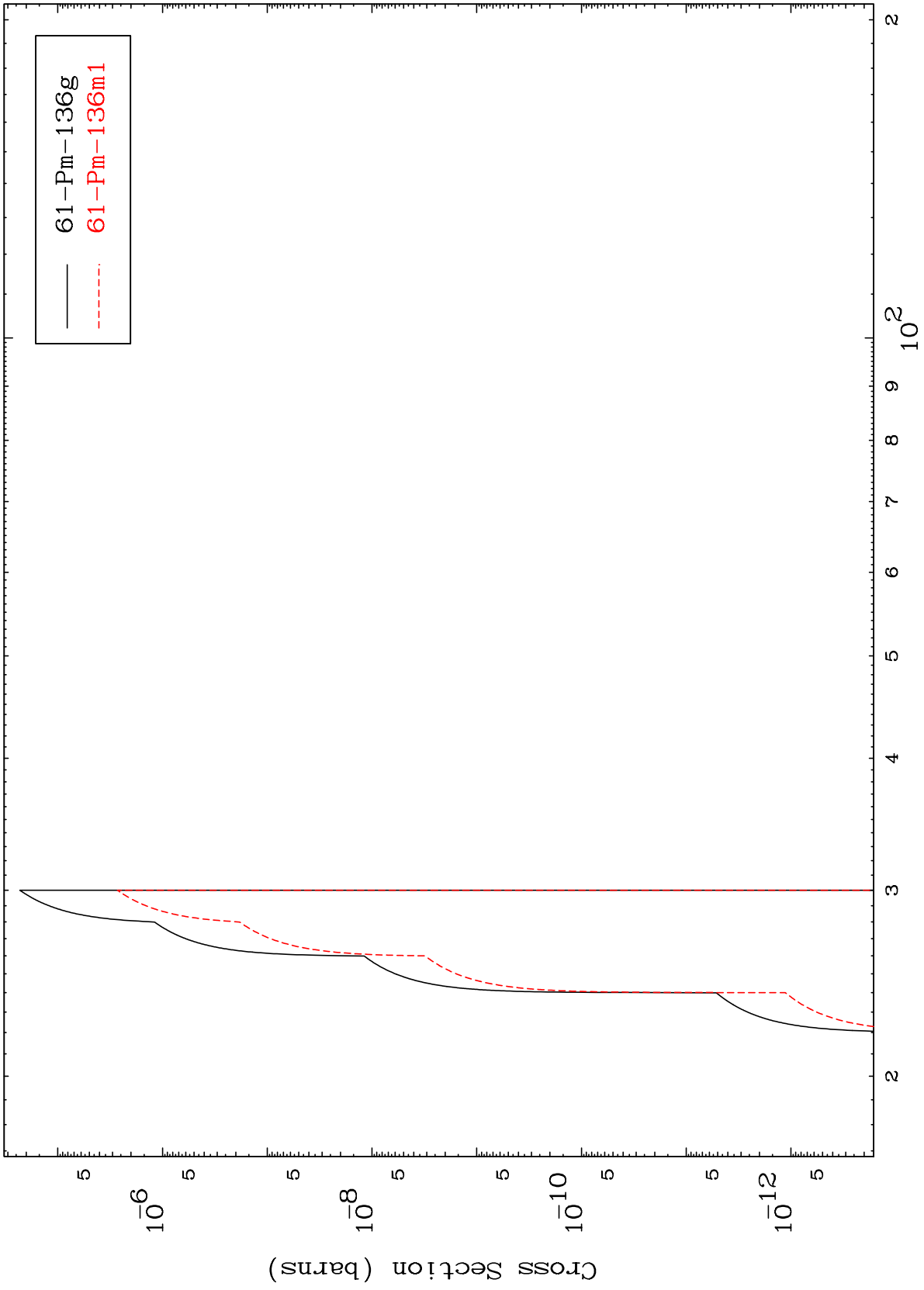


MAT 6113

( $\alpha, p$ ) d

61-Pm-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

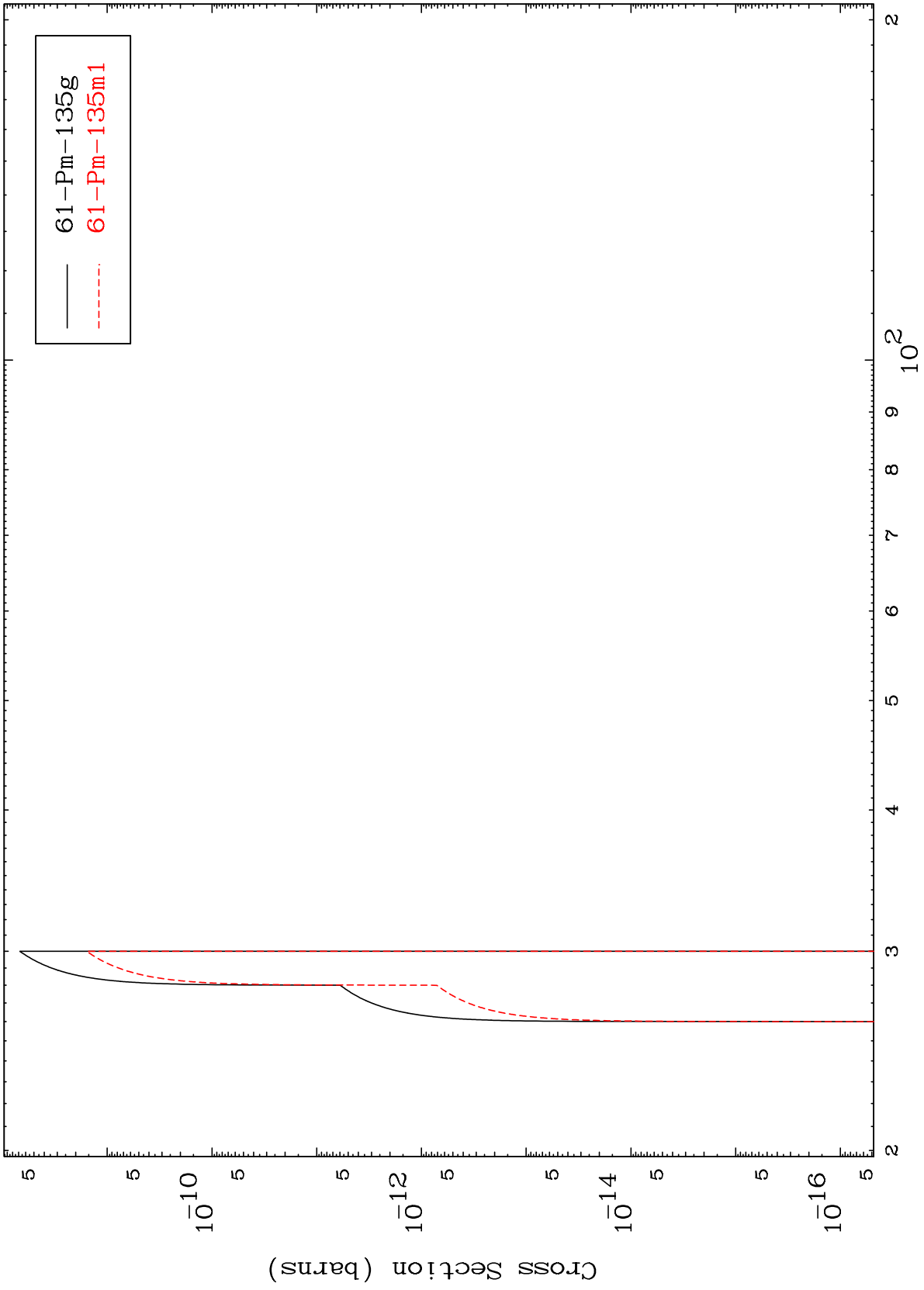
61-Pm-135

MAT 6113

( $\alpha, p$ ) t

61-Pm-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

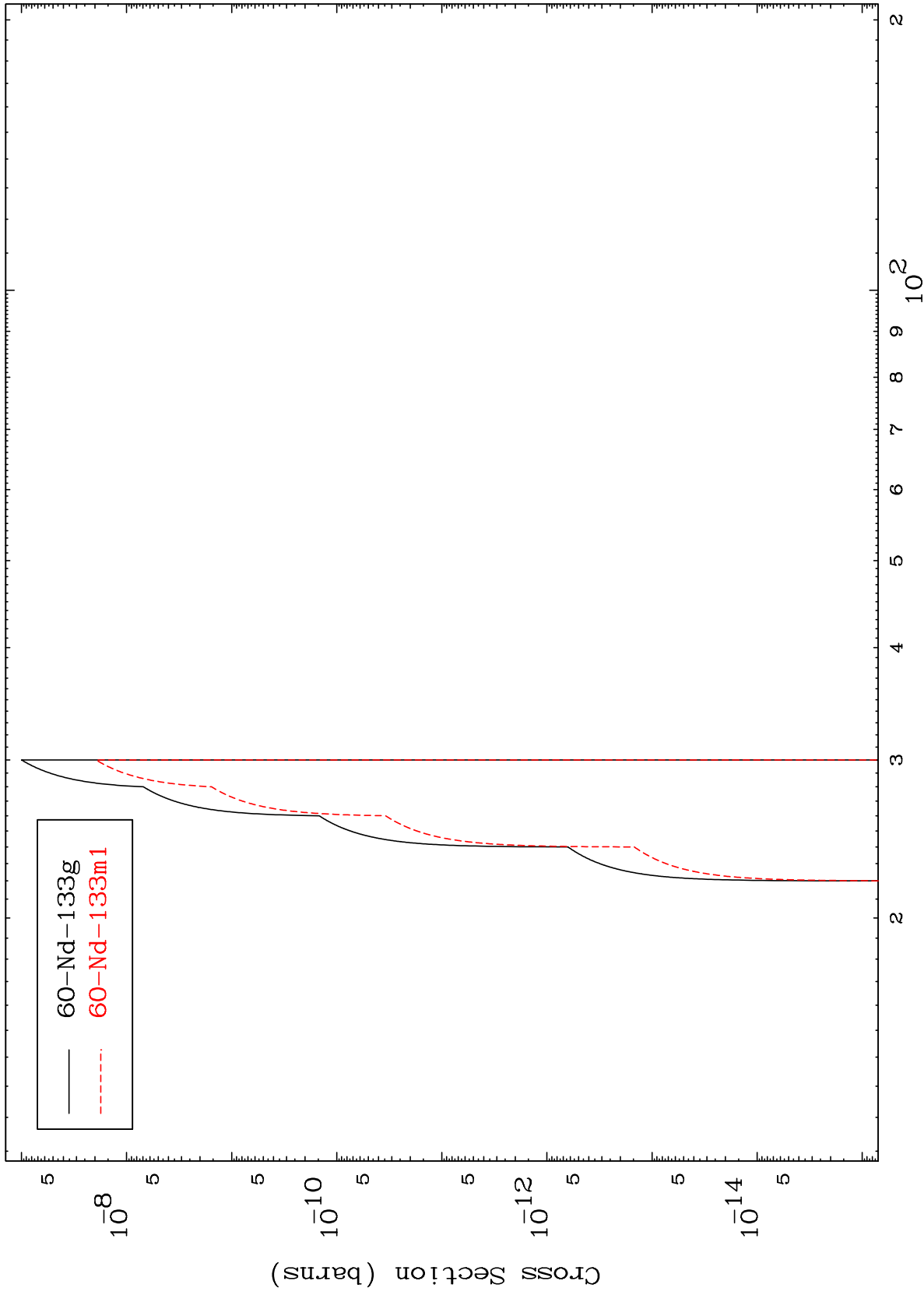
61-Pm-135

MAT 6113

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

61-Pm-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

61-Pm-135