

Program EVALPLOT  
(Version 2018-1)

by

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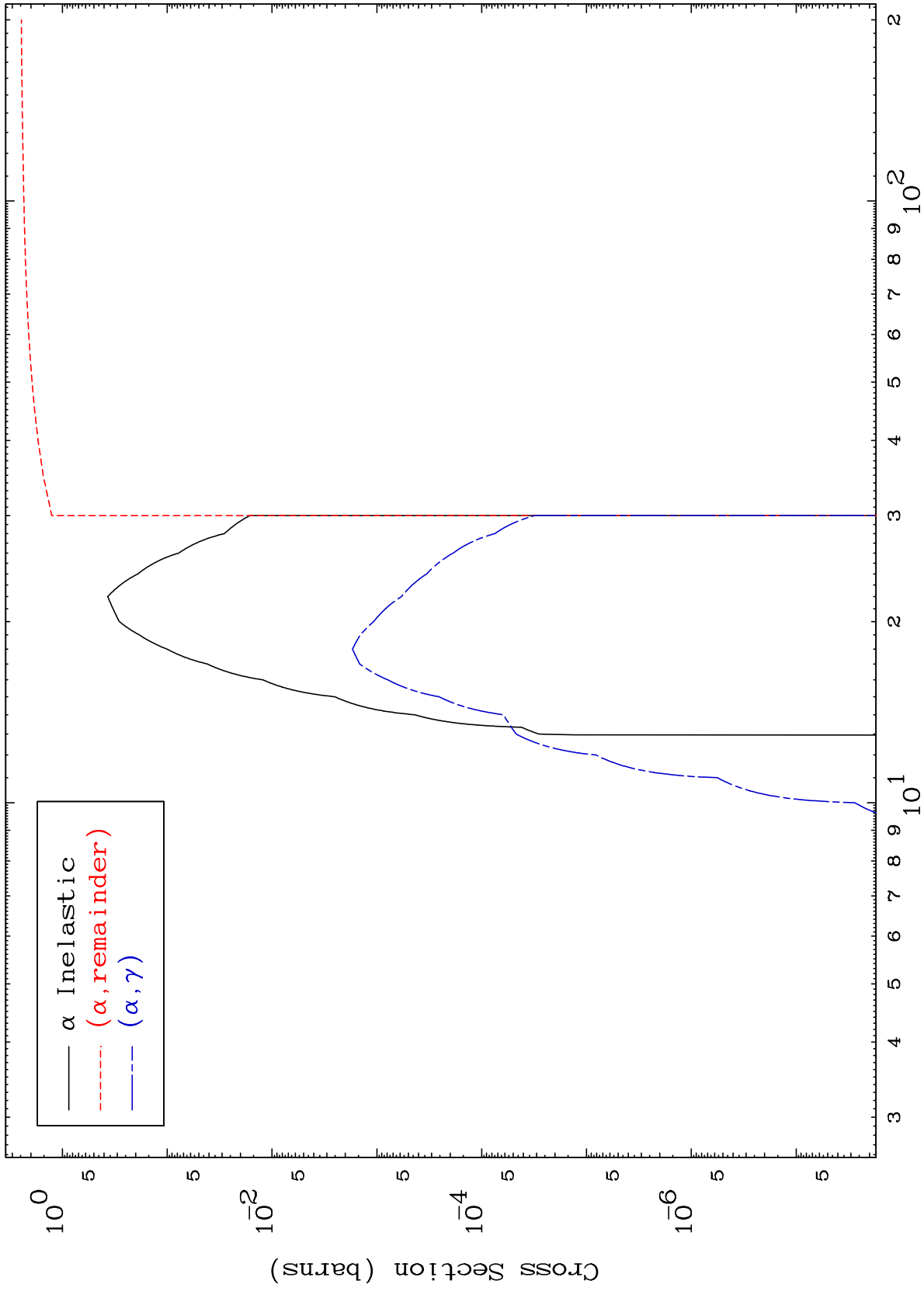
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6619

0 Kelvin  $\alpha$  Major  
Cross Sections

66-Dy-154



1

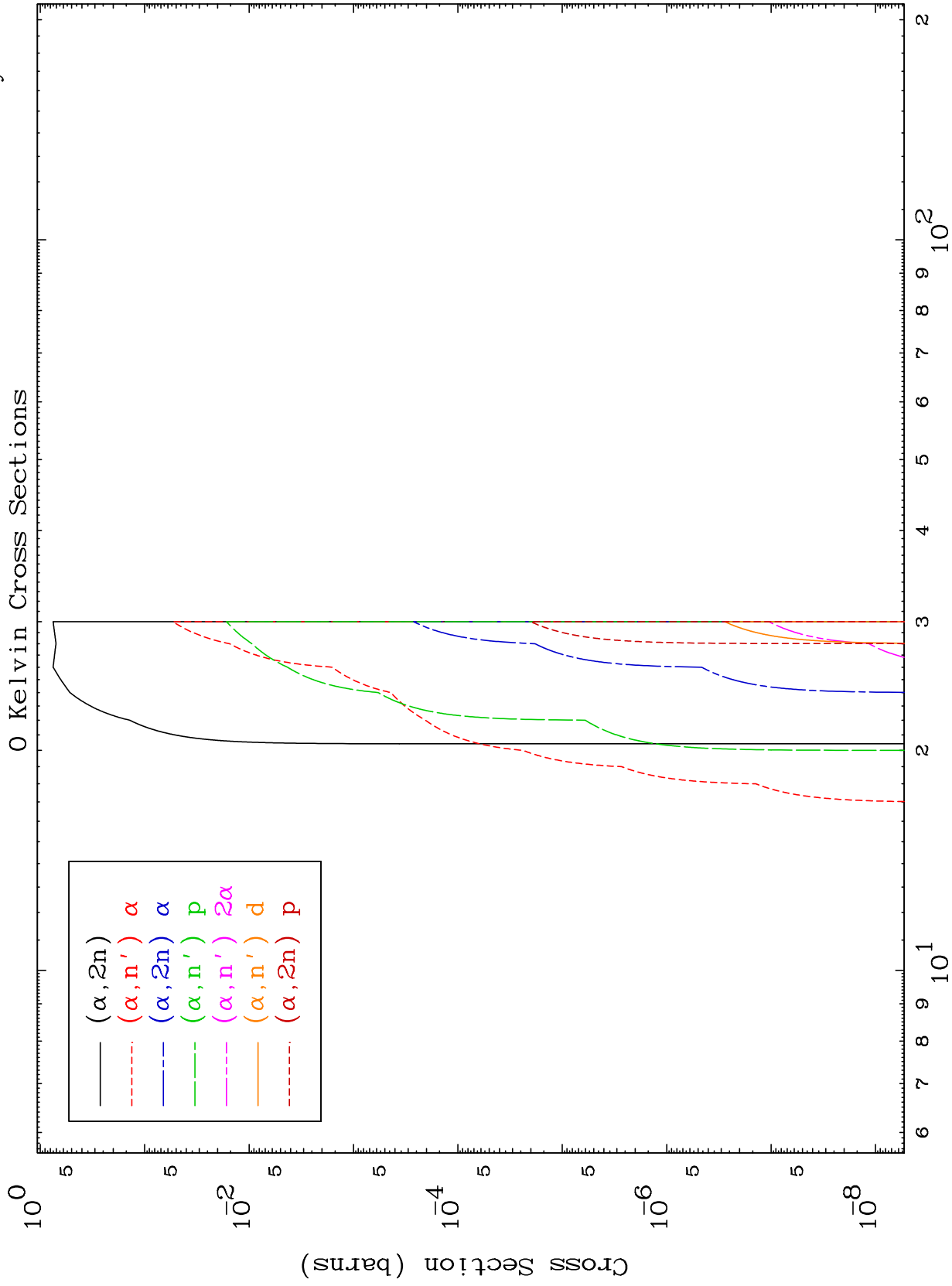
Incident Energy (MeV)

66-Dy-154

MAT 6619

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

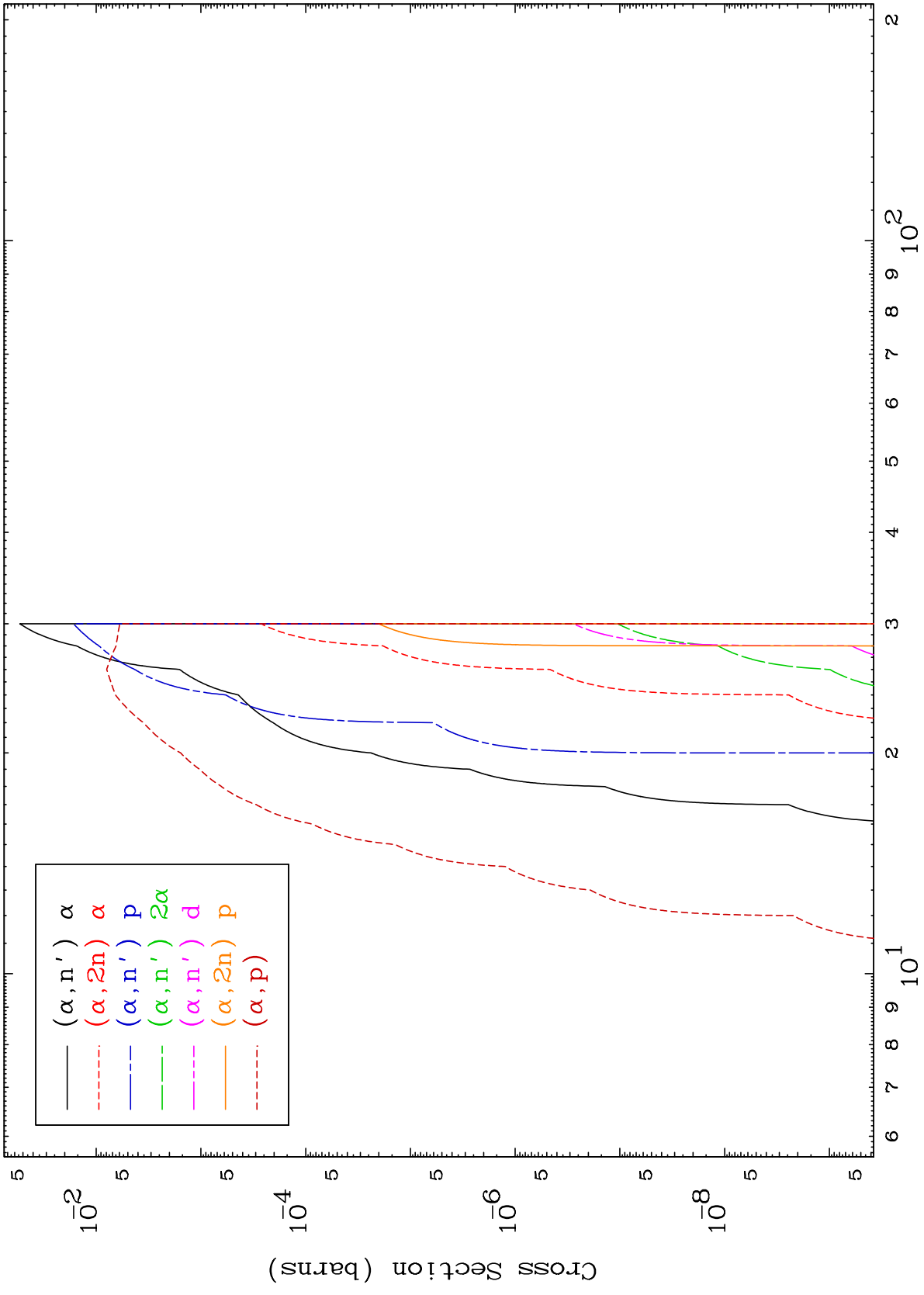
66-Dy-154



2

Incident Energy (MeV)

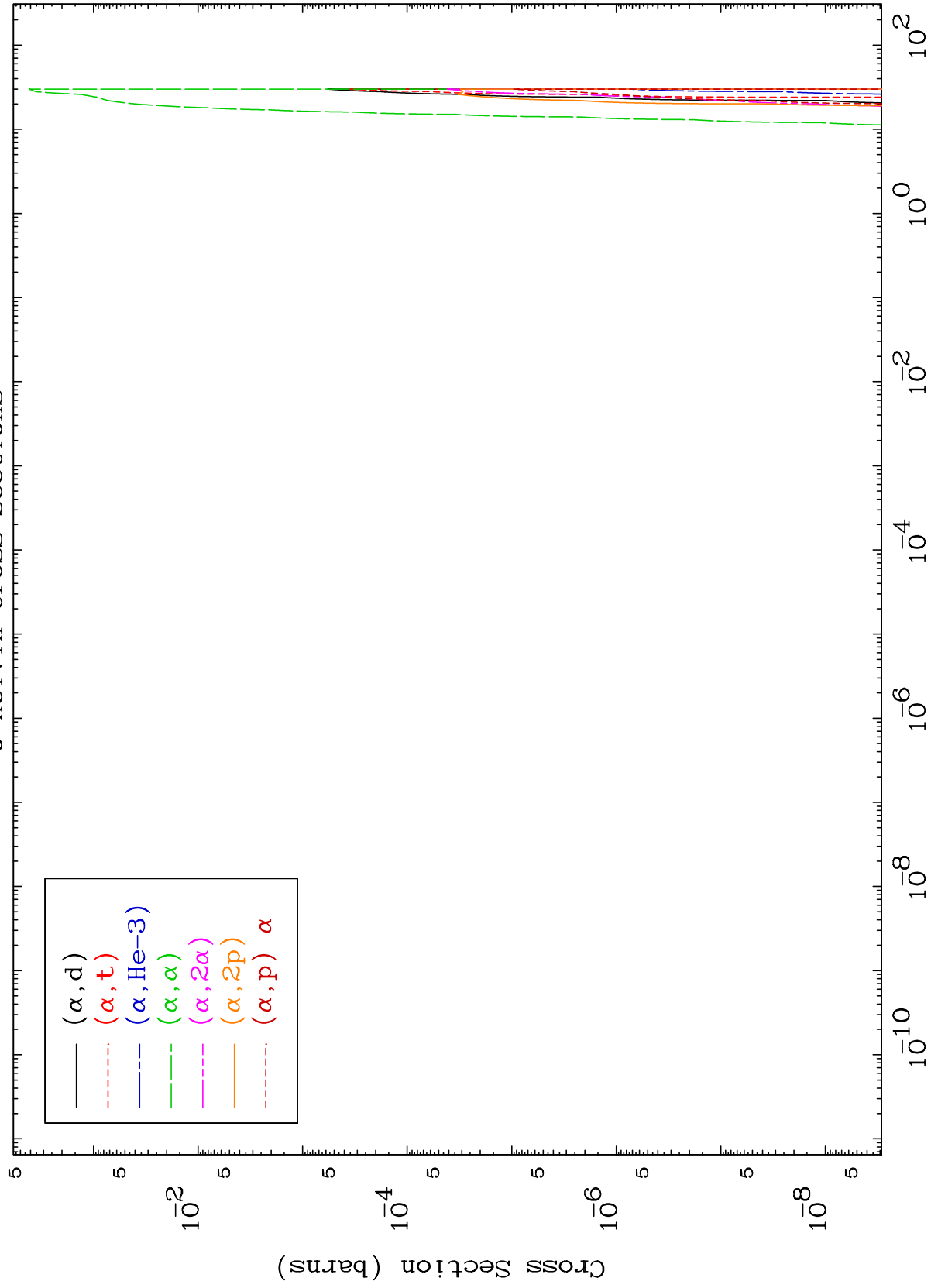
66-Dy-154



MAT 6619

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

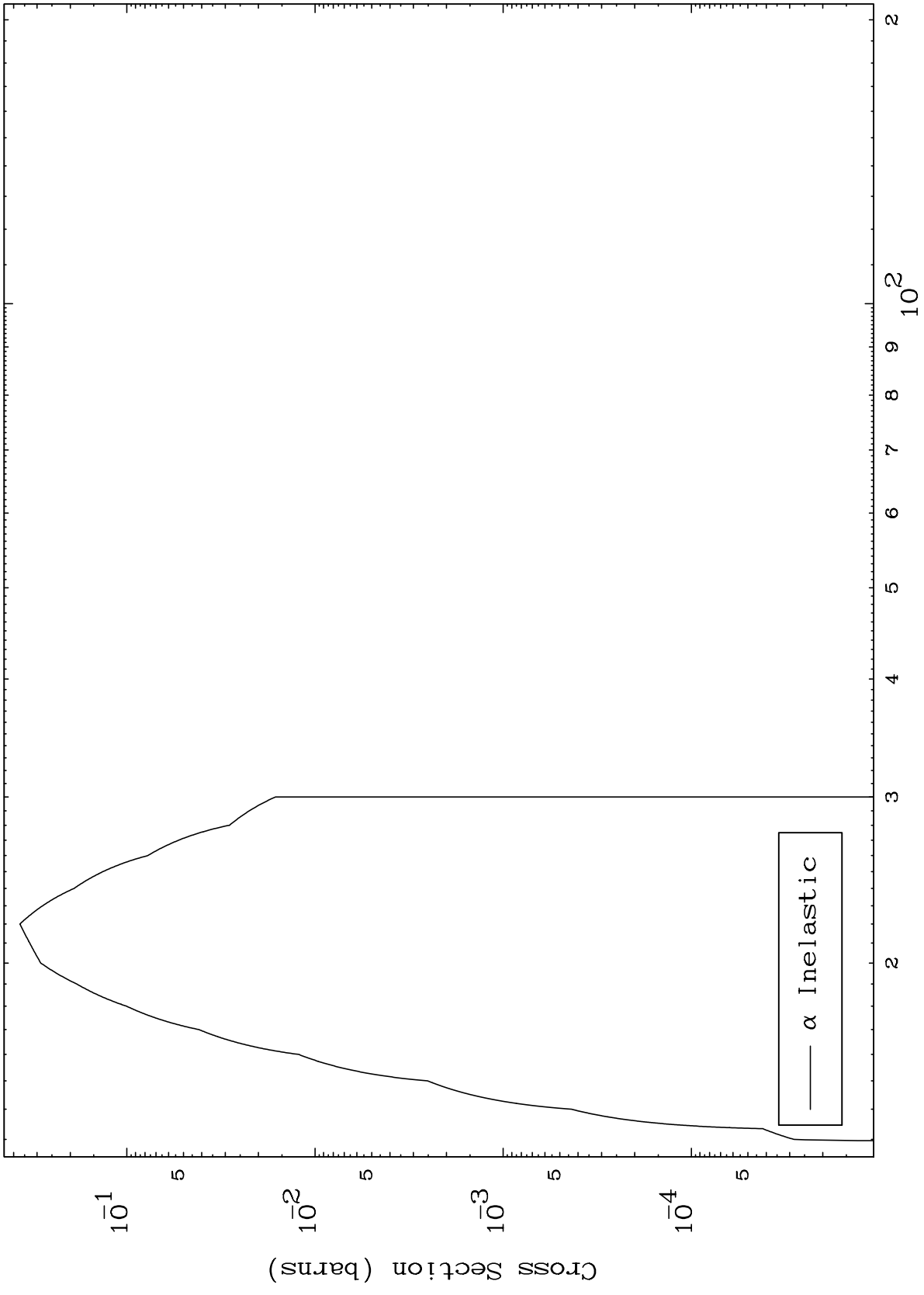
66-Dy-154



MAT 6619

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

66-Dy-154



5

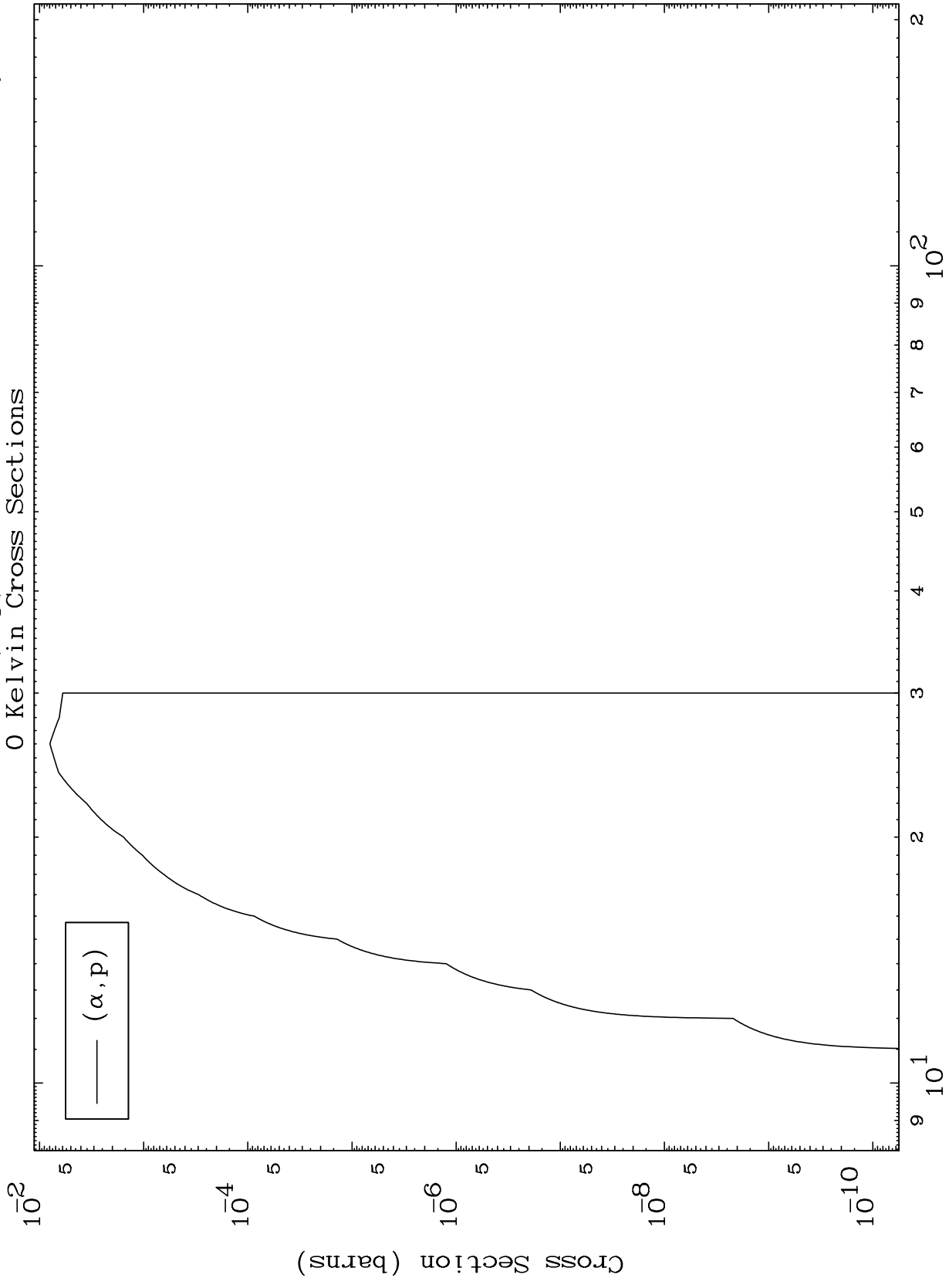
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



6

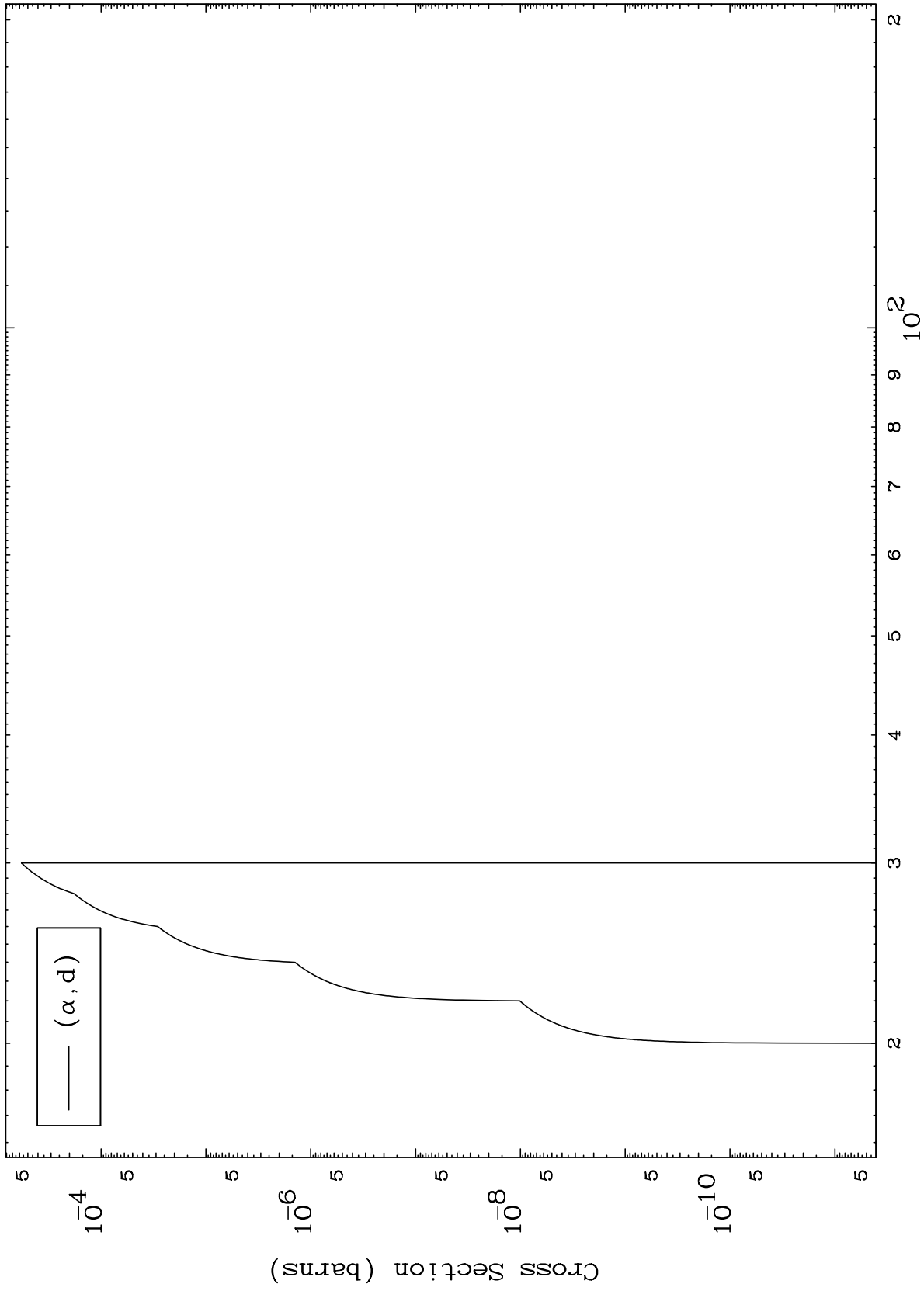
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



7

Incident Energy (MeV)

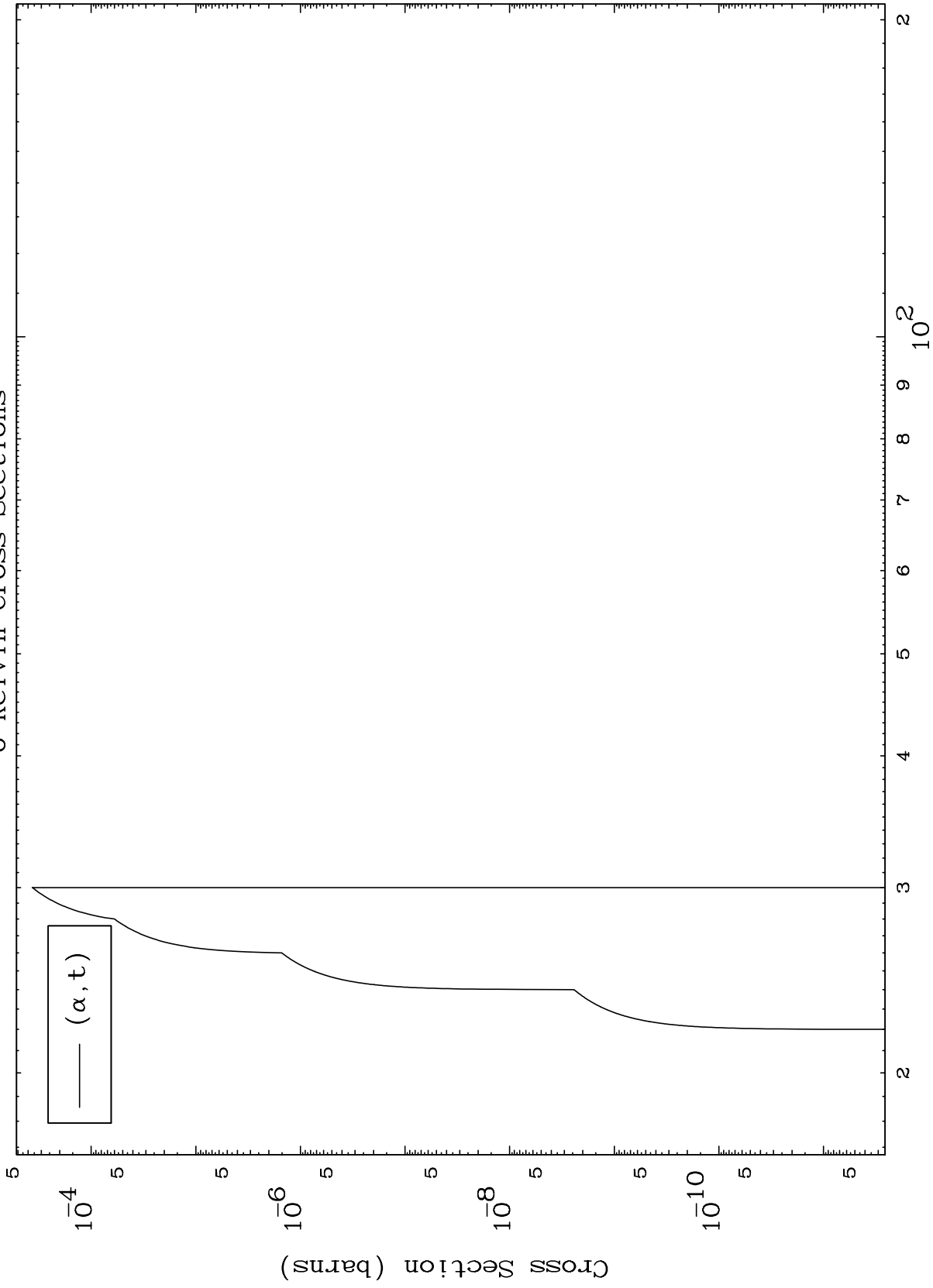
66-Dy-154



MAT 6619

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

66-Dy-154



8

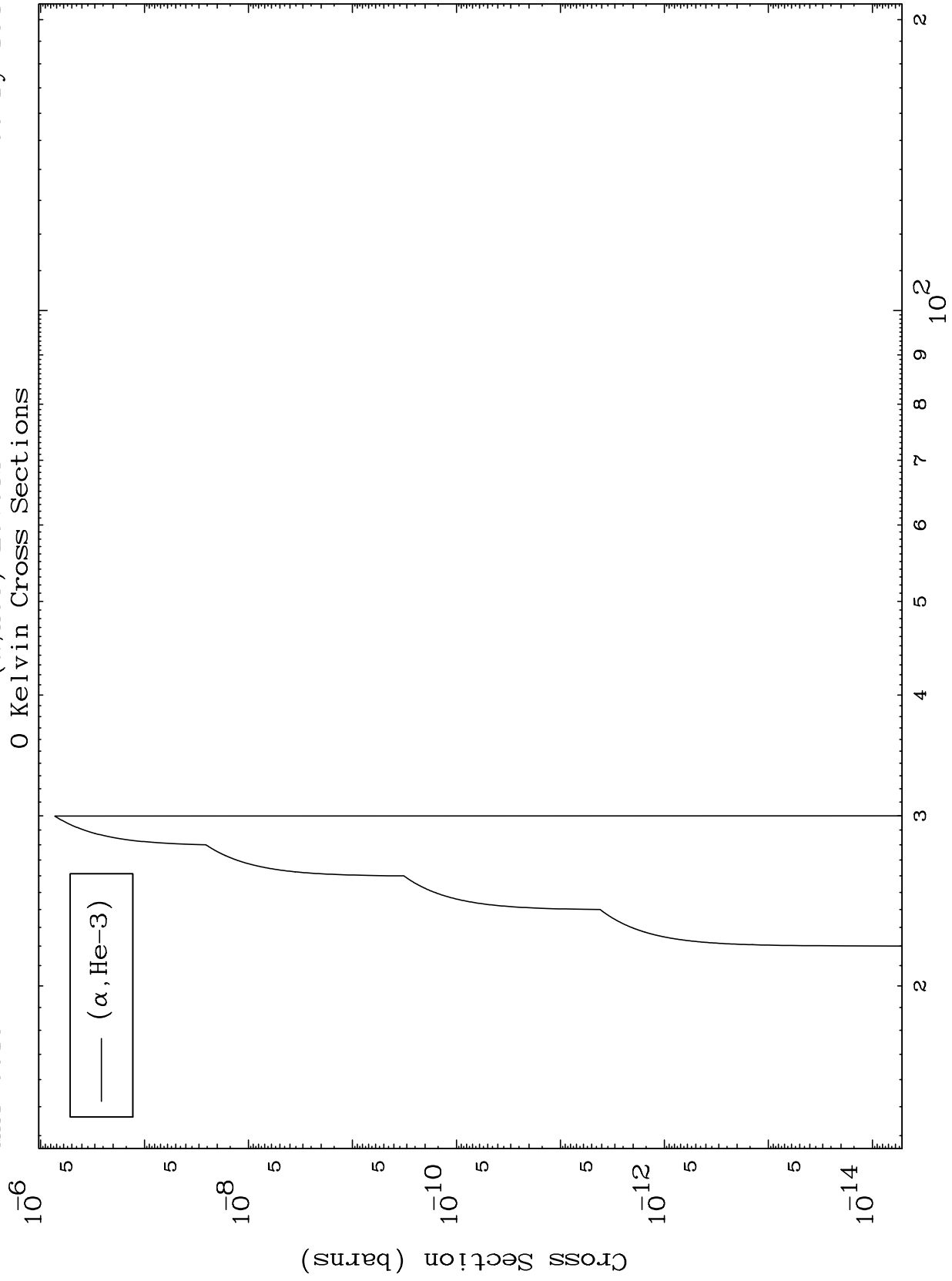
Incident Energy (MeV)

66-Dy-154

MAT 6619

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

66-Dy-154



9

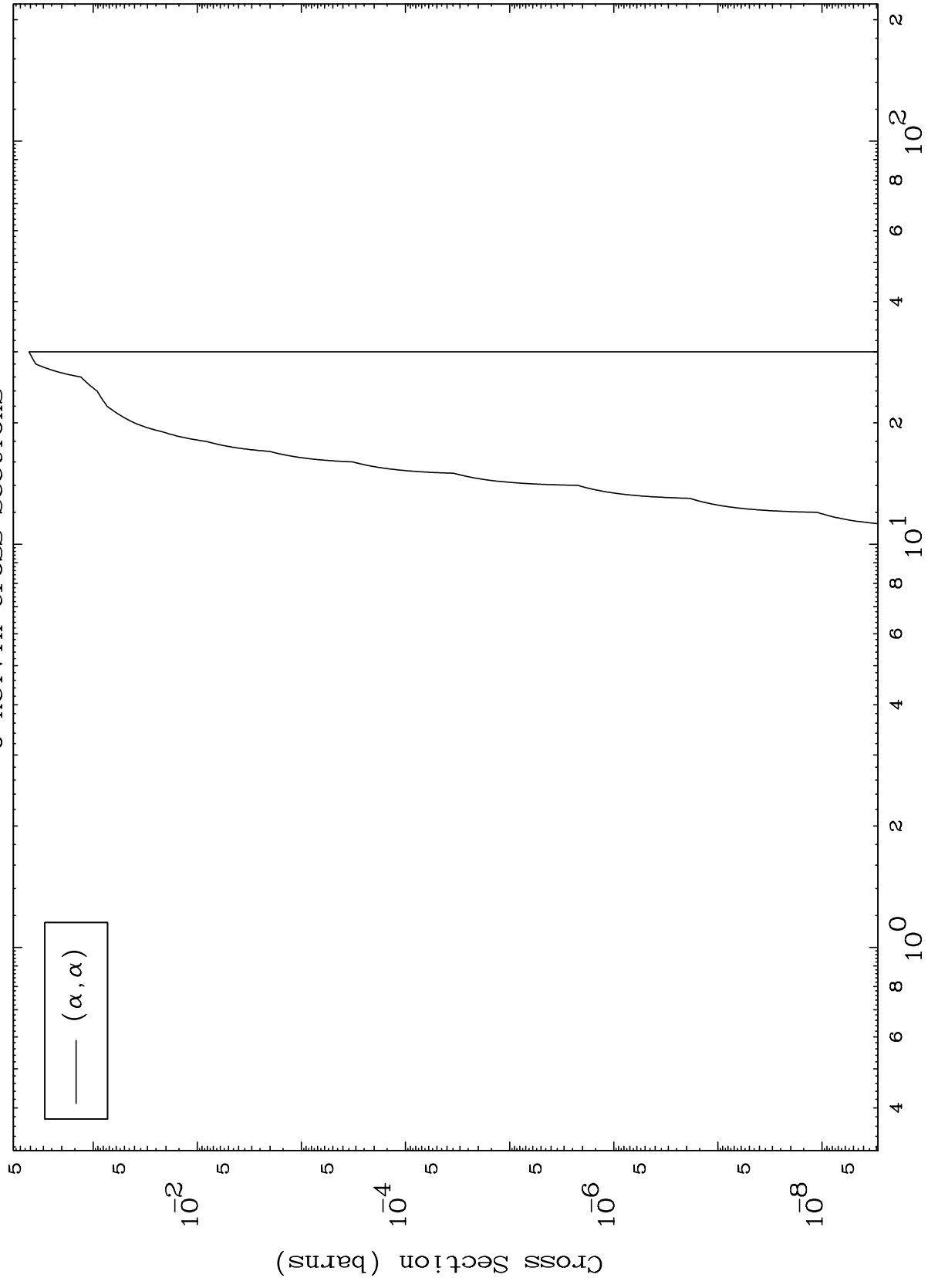
Incident Energy (MeV)

66-Dy-154

MAT 6619

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

66-Dy-154



10

Incident Energy (MeV)

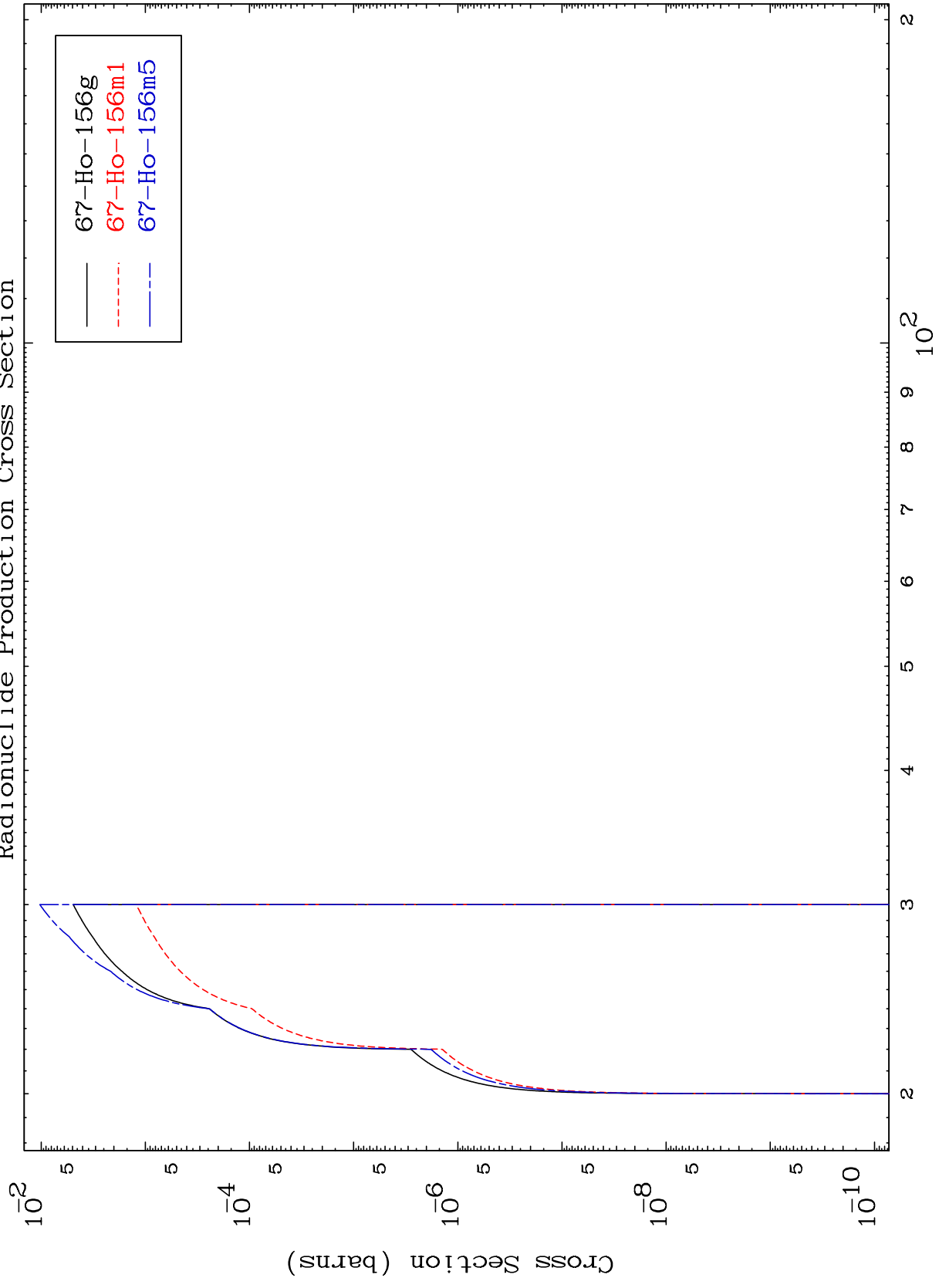
66-Dy-154

MAT 6619

$(\alpha, n')$  p

66-Dy-154

Radionuclide Production Cross Section



11

Incident Energy (MeV)

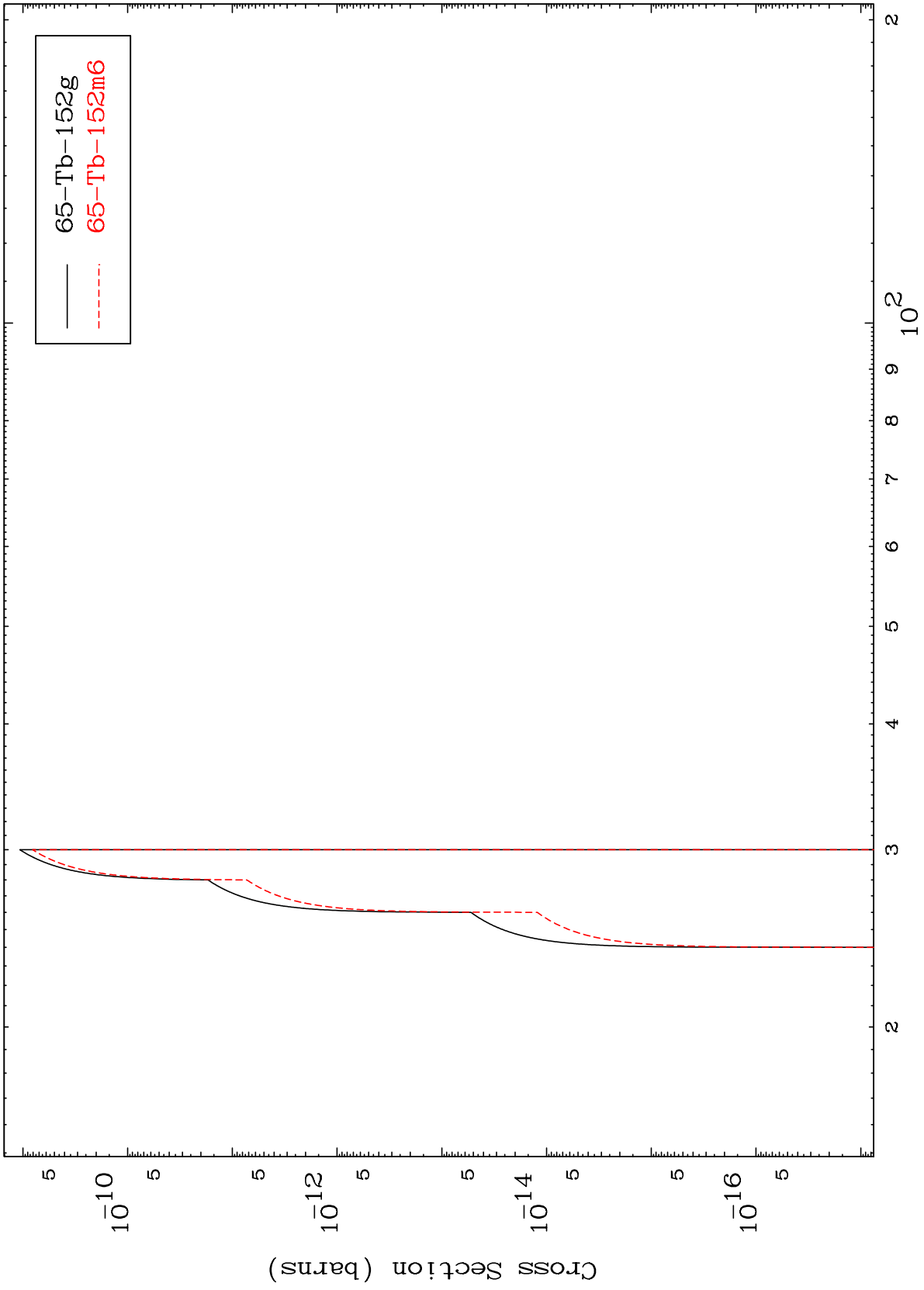
66-Dy-154

MAT 6619

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

66-Dy-154

Radionuclide Production Cross Section



12

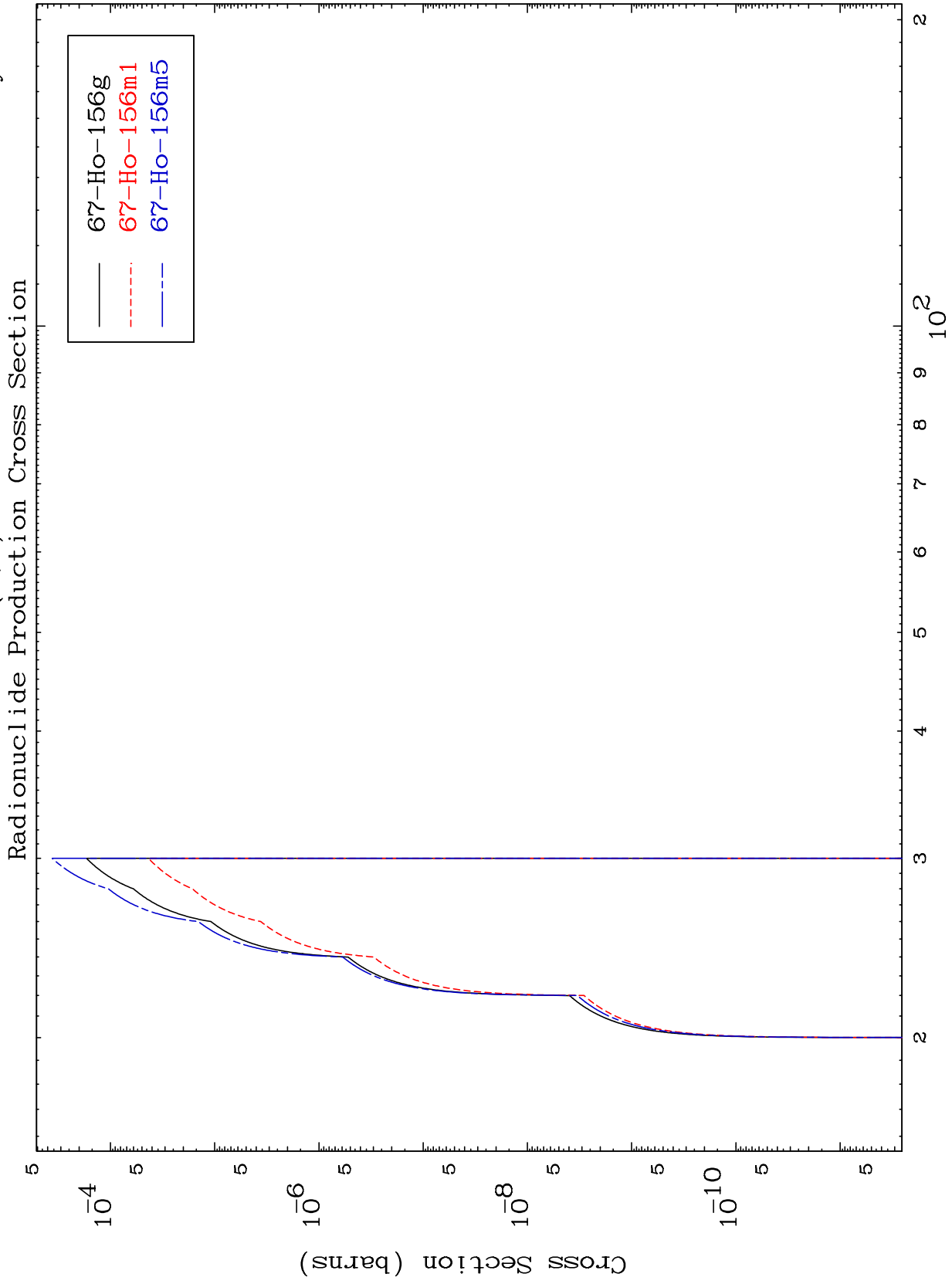
Incident Energy (MeV)

66-Dy-154

MAT 6619

( $\alpha, d$ )

66-Dy-154



13

Incident Energy (MeV)

66-Dy-154