

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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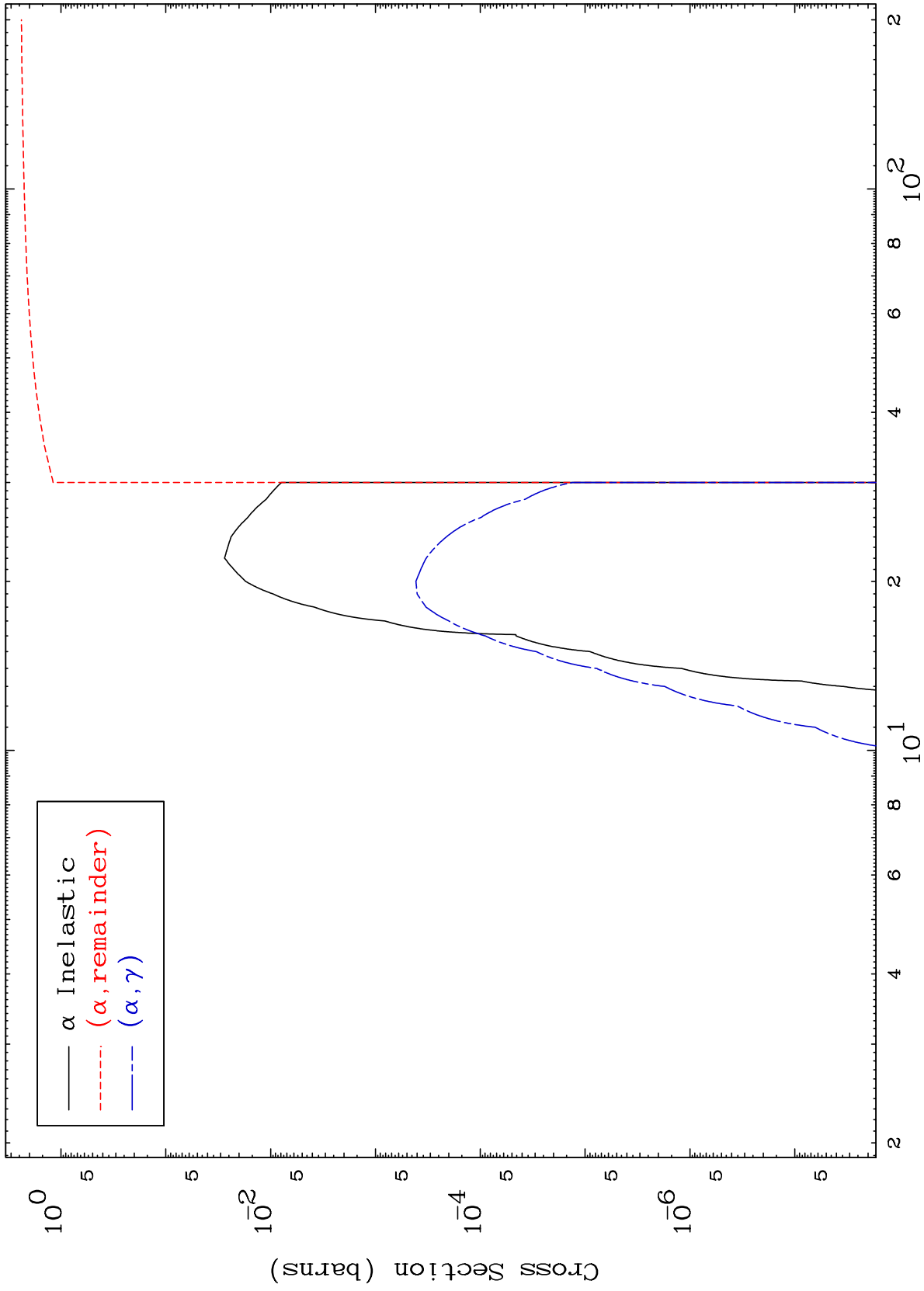
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6593

0 Kelvin  $\alpha$  Major

66-Dy-145



1

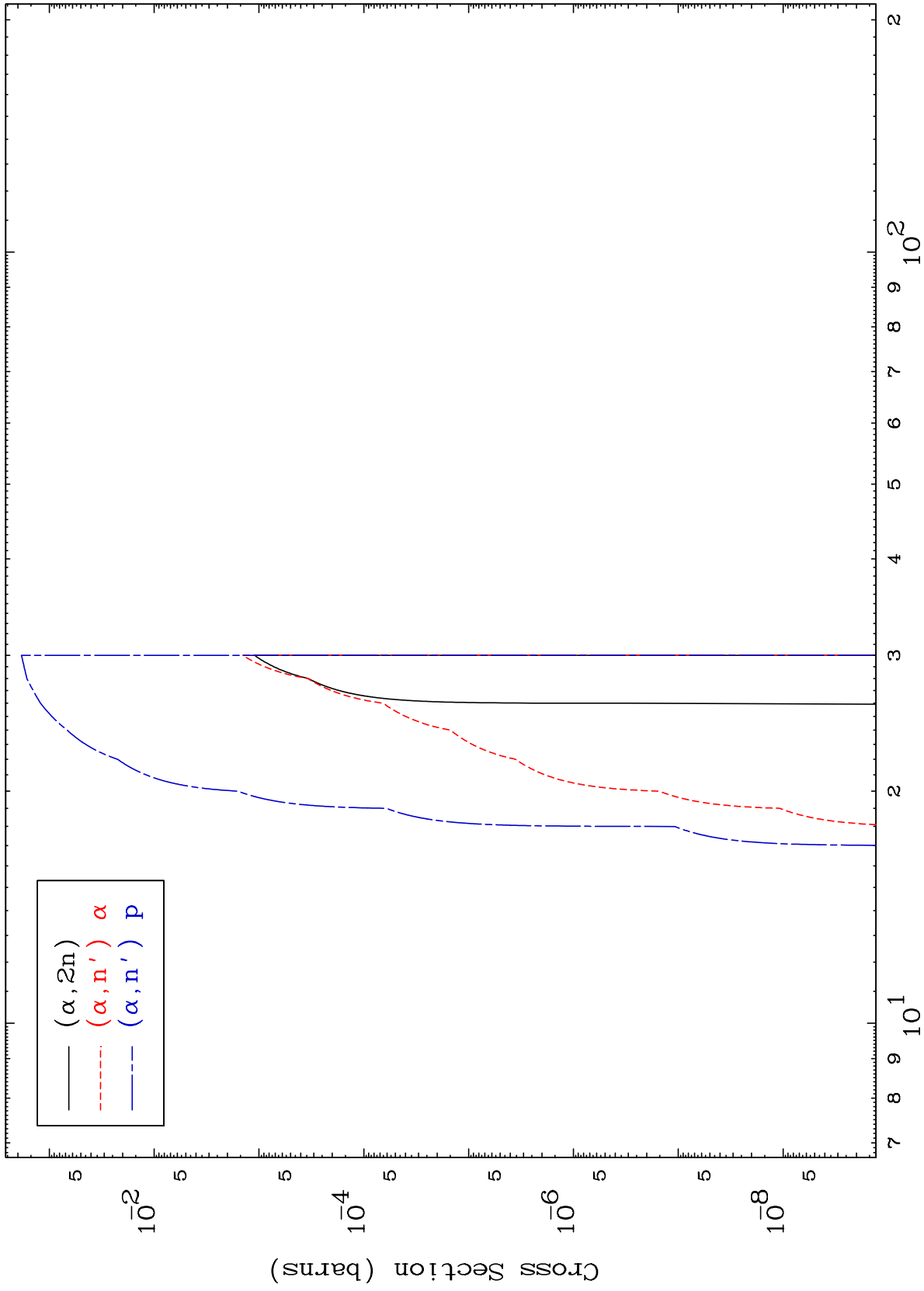
Incident Energy (MeV)

66-Dy-145

MAT 6593

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

66-Dy-145



2

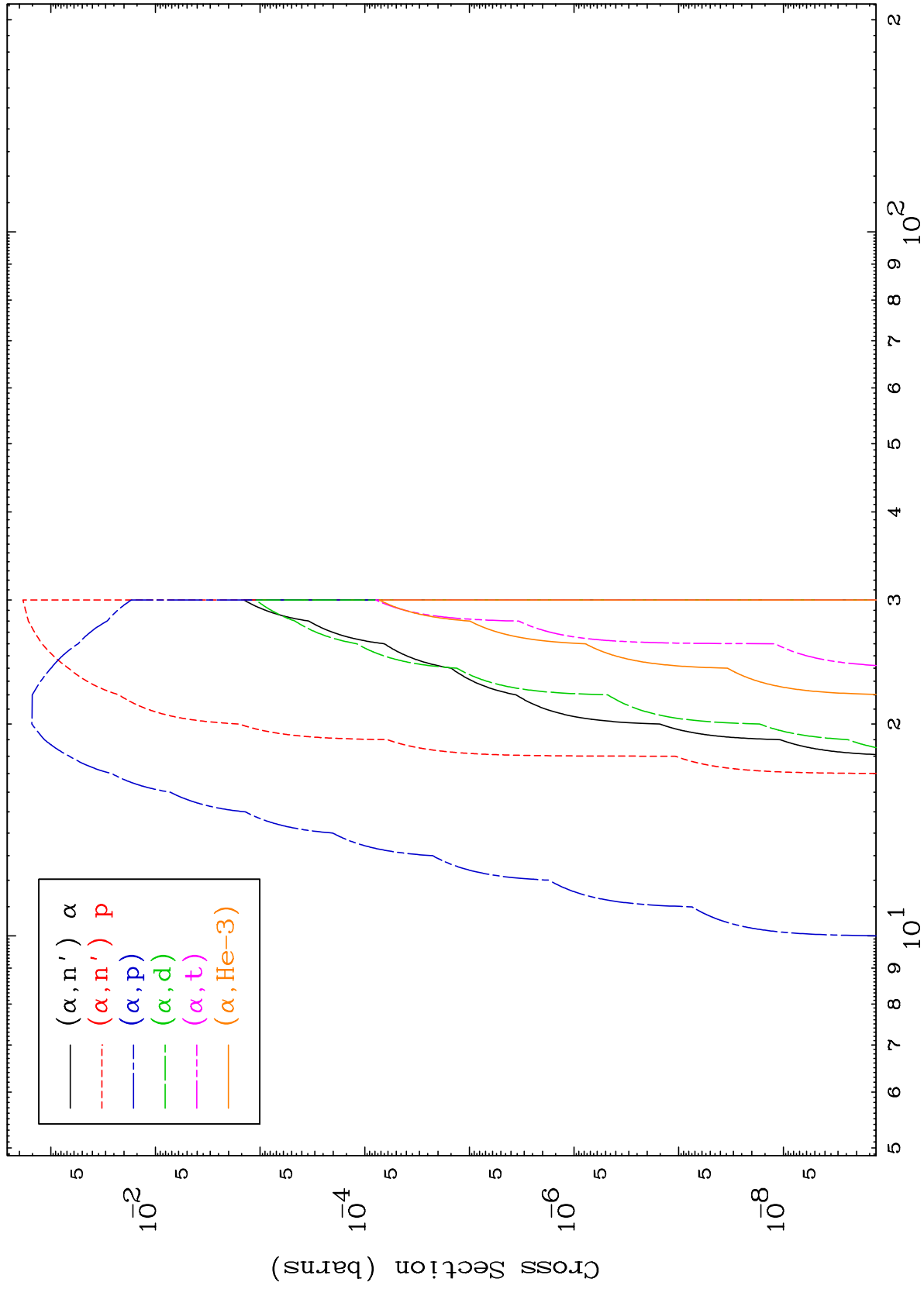
Incident Energy (MeV)

66-Dy-145

MAT 6593

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

66-Dy-145



3

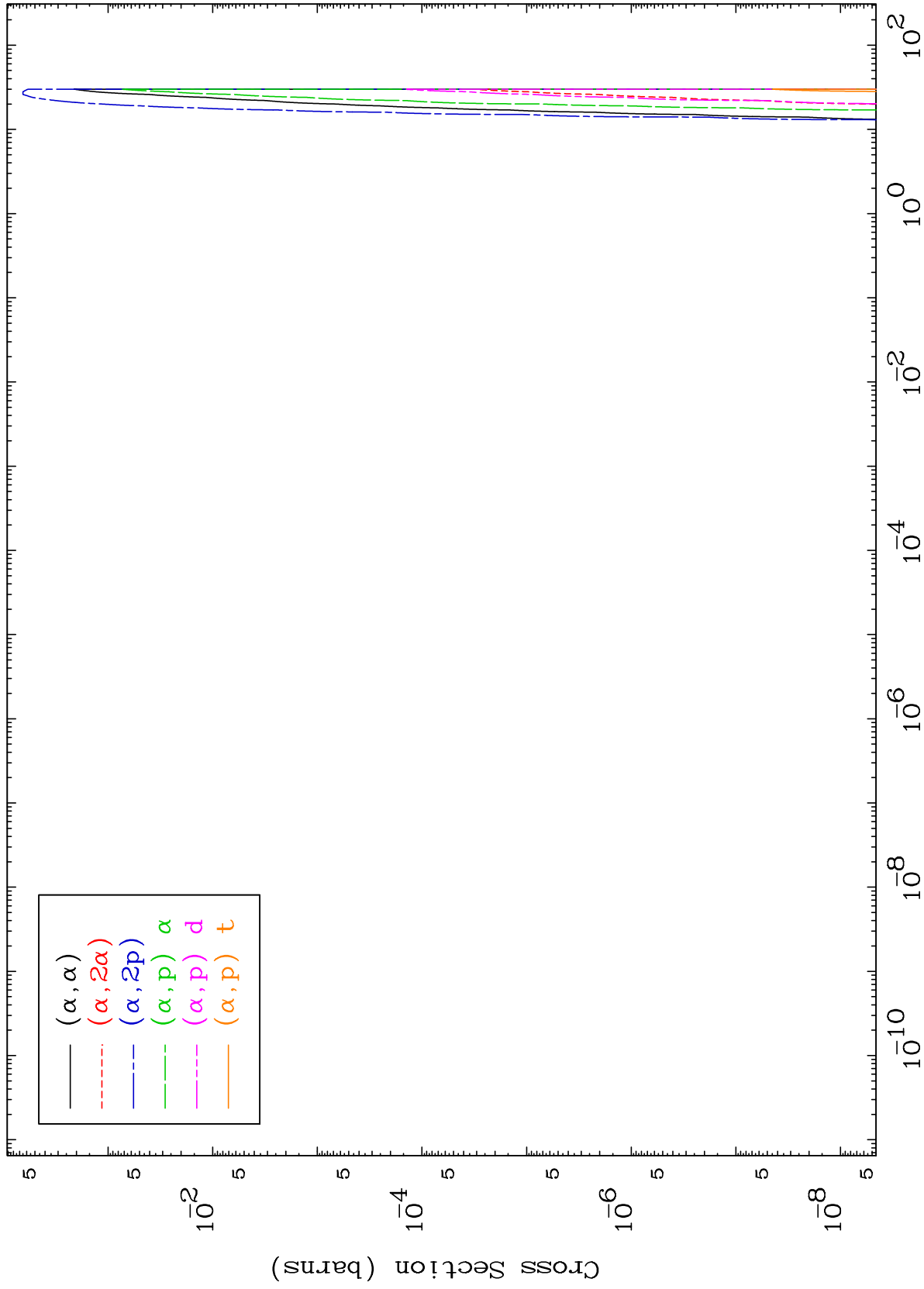
Incident Energy (MeV)

66-Dy-145

MAT 6593

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

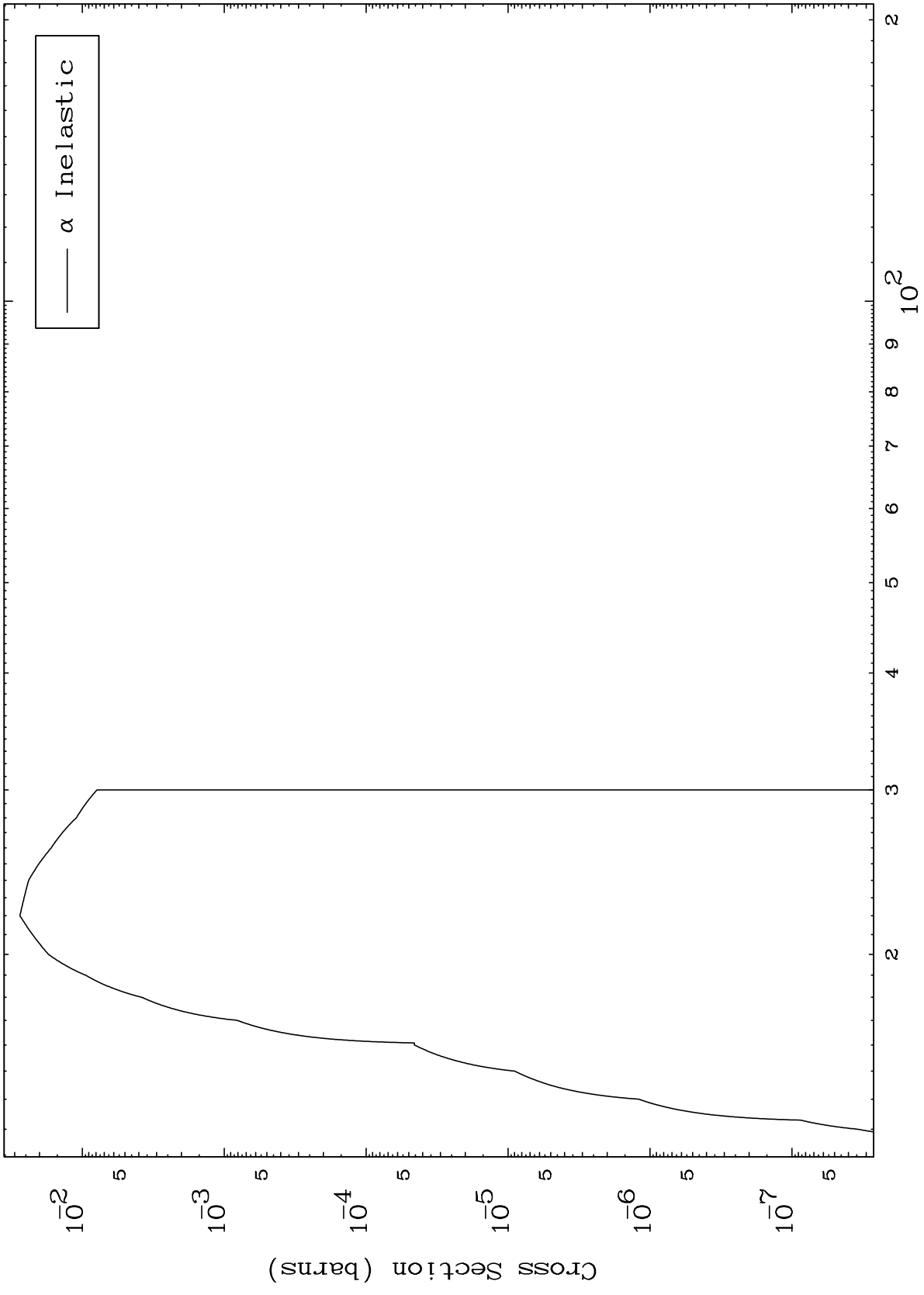
66-Dy-145



MAT 6593

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

66-Dy-145



5

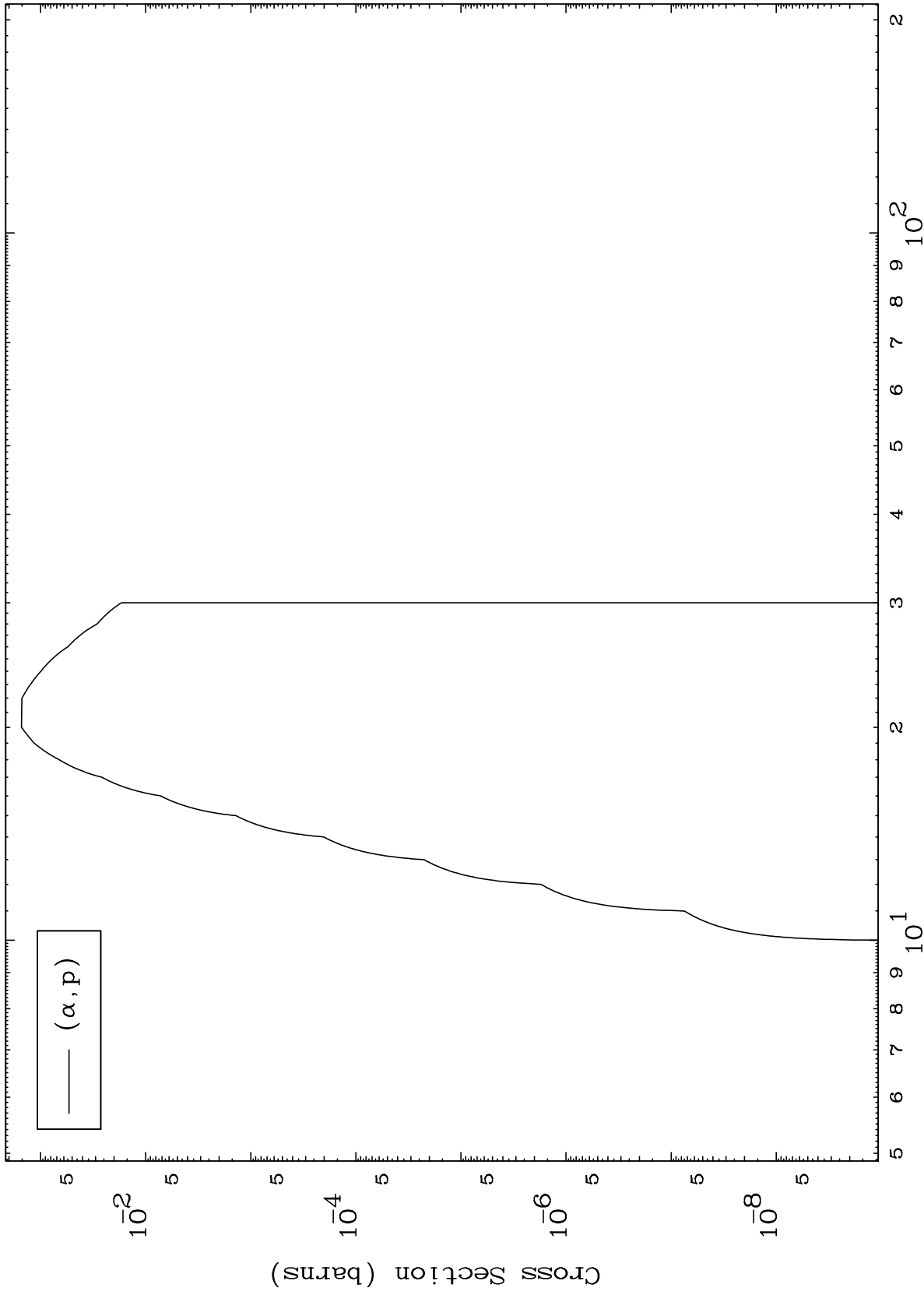
Incident Energy (MeV)

66-Dy-145

MAT 6593

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

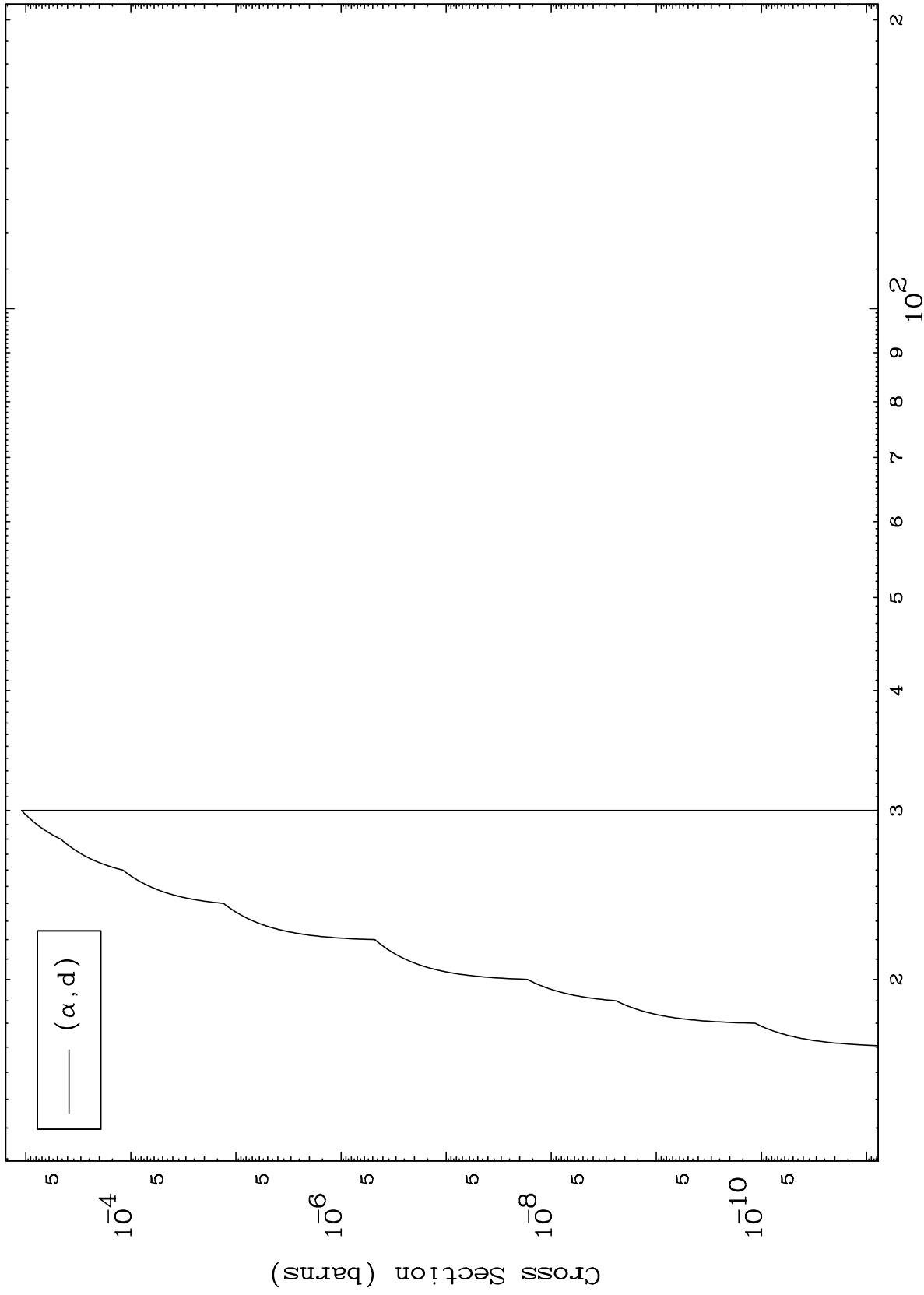
66-Dy-145



MAT 6593

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

66-Dy-145



7

Incident Energy (MeV)

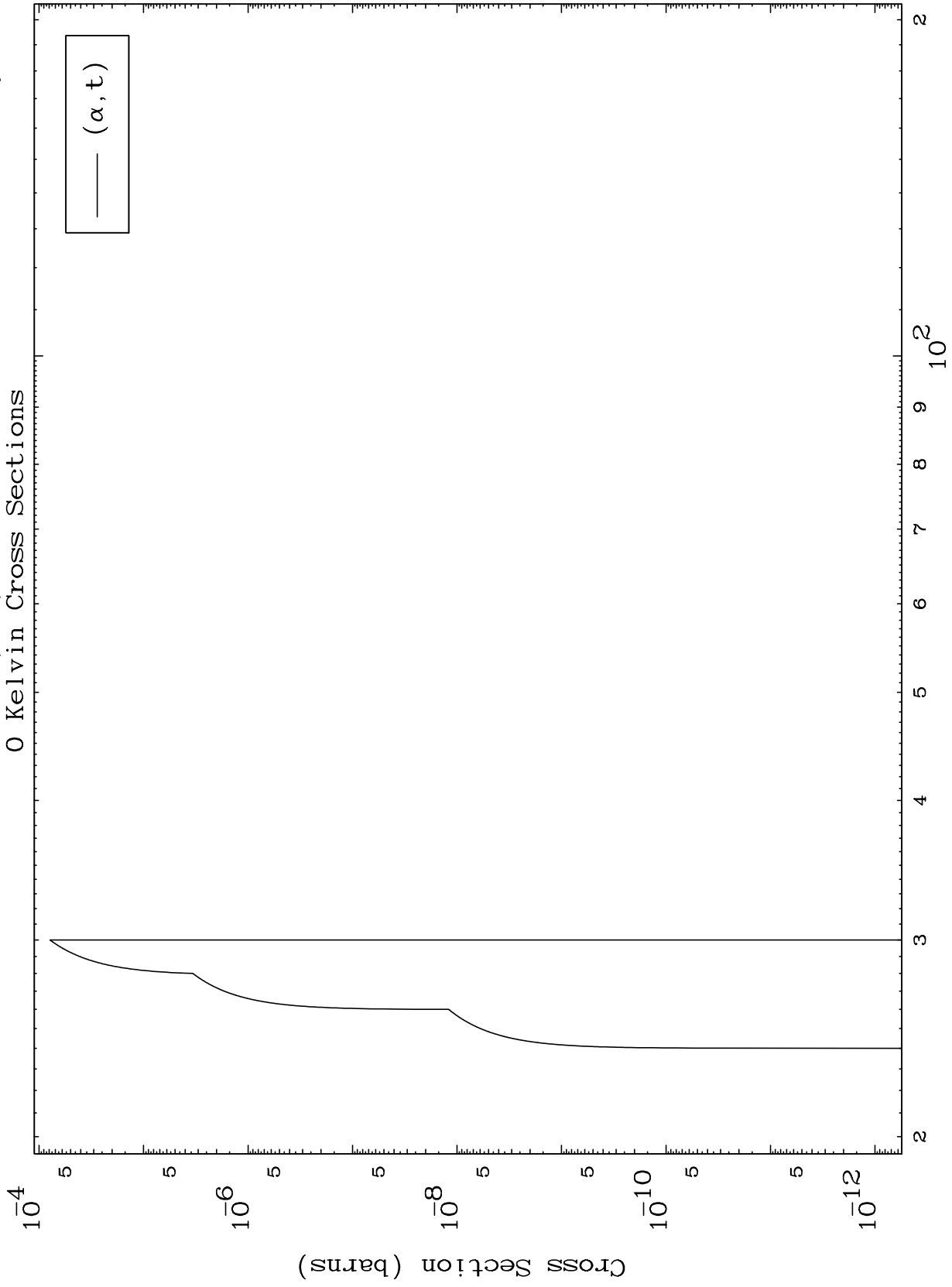
66-Dy-145



MAT 6593

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

66-Dy-145



8

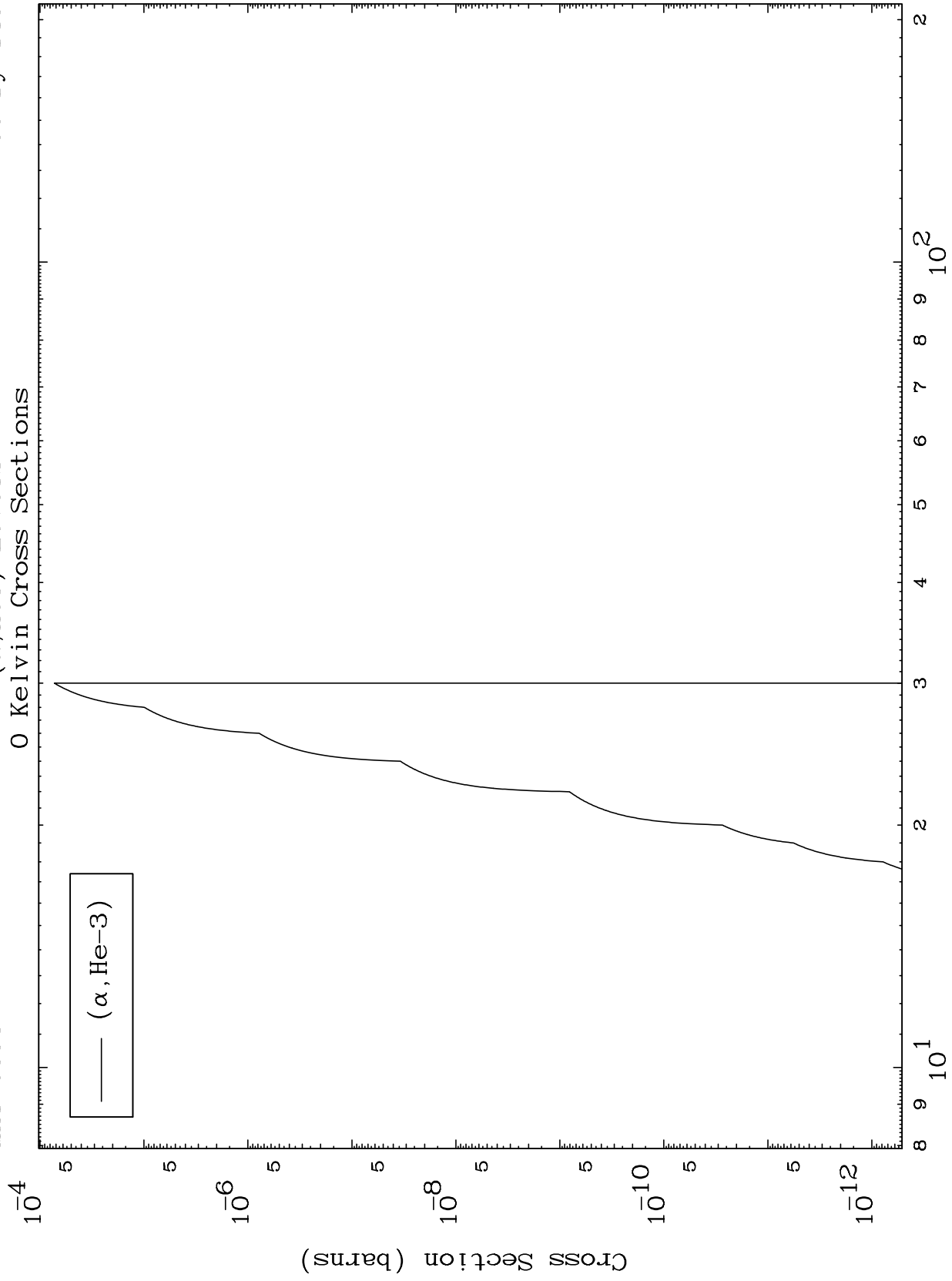
Incident Energy (MeV)

66-Dy-145

MAT 6593

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

66-Dy-145



9

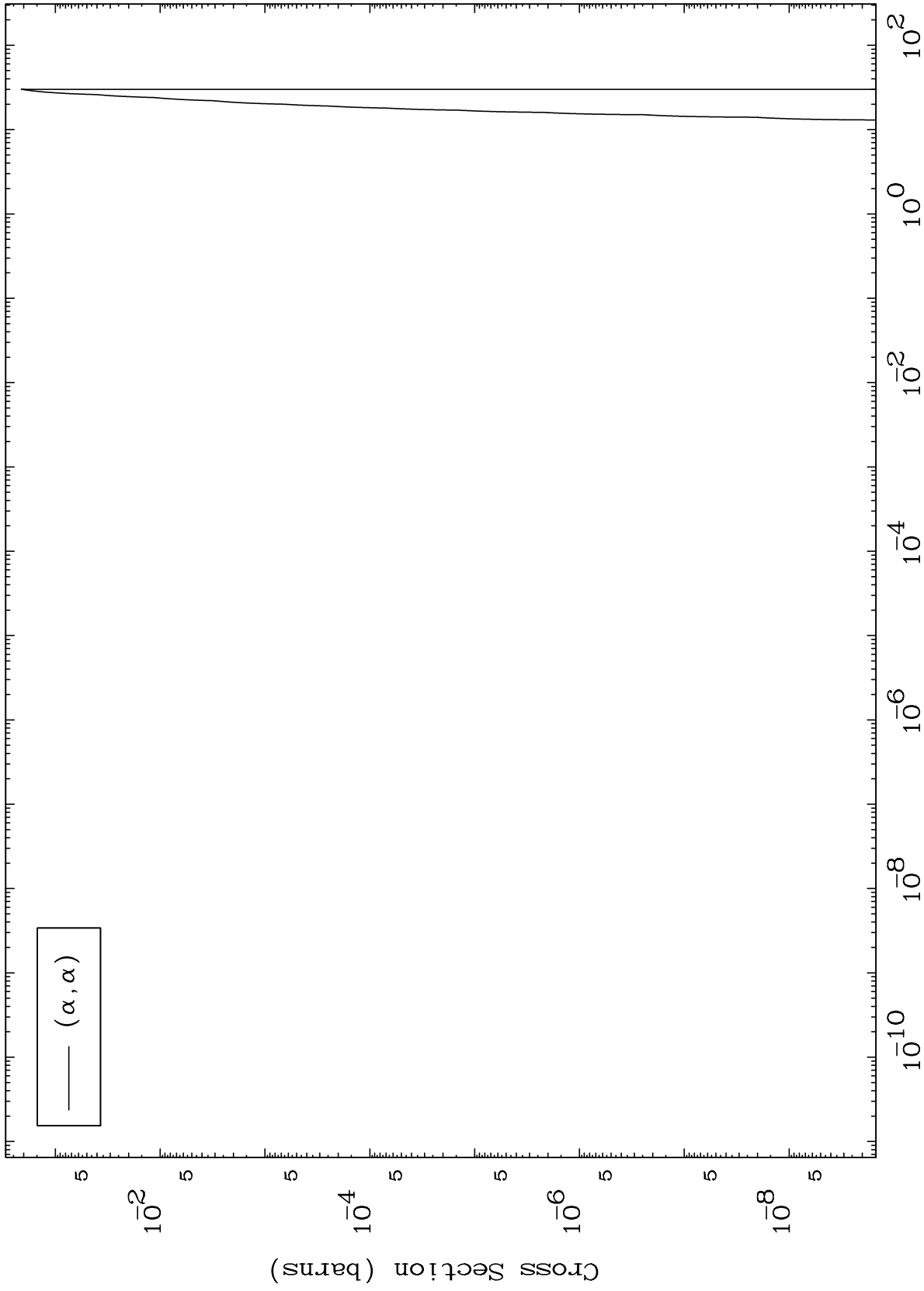
Incident Energy (MeV)

66-Dy-145

MAT 6593

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

66-Dy-145



10

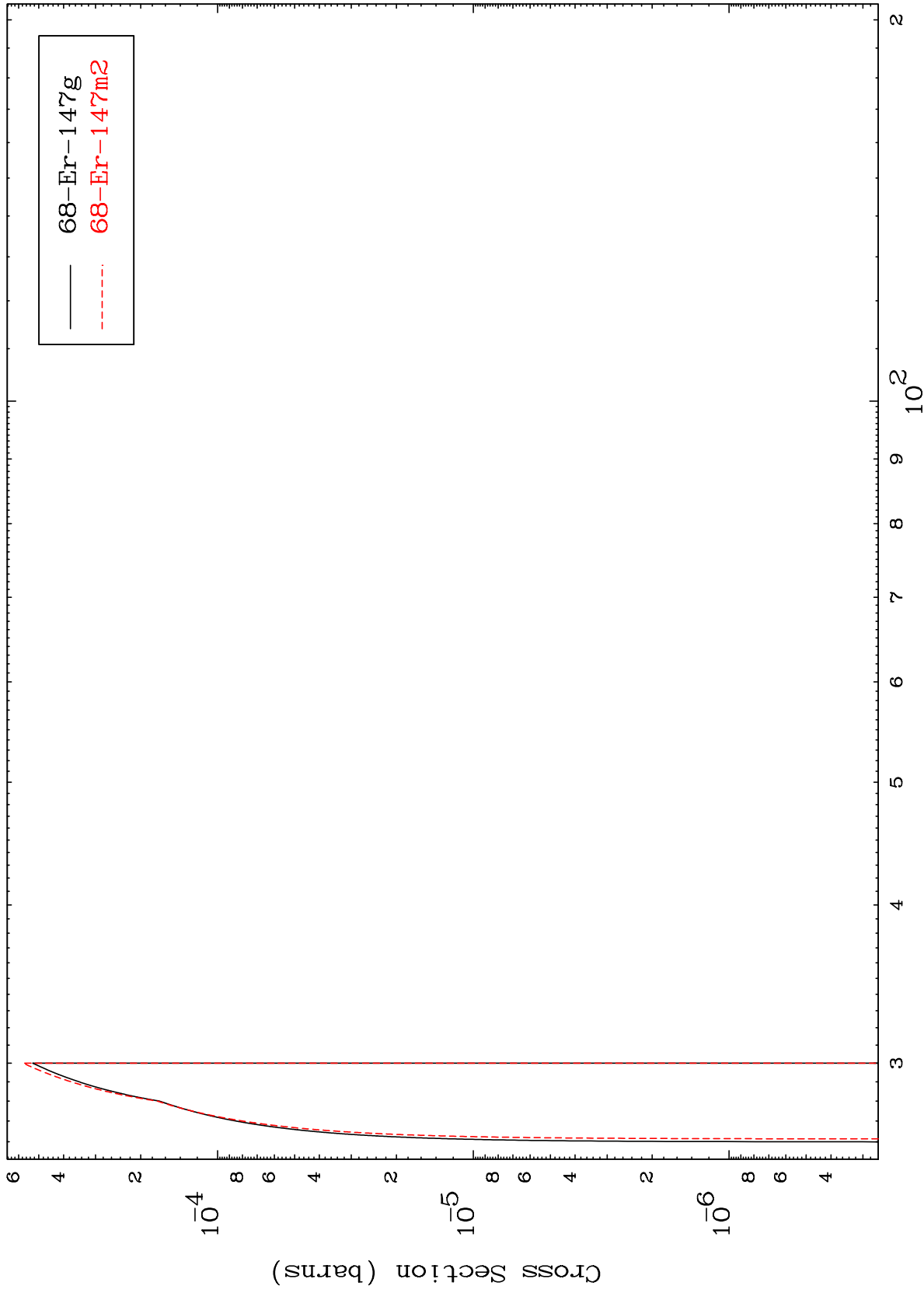
Incident Energy (MeV)

66-Dy-145

MAT 6593

66-Dy-145

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



11

Incident Energy (MeV)

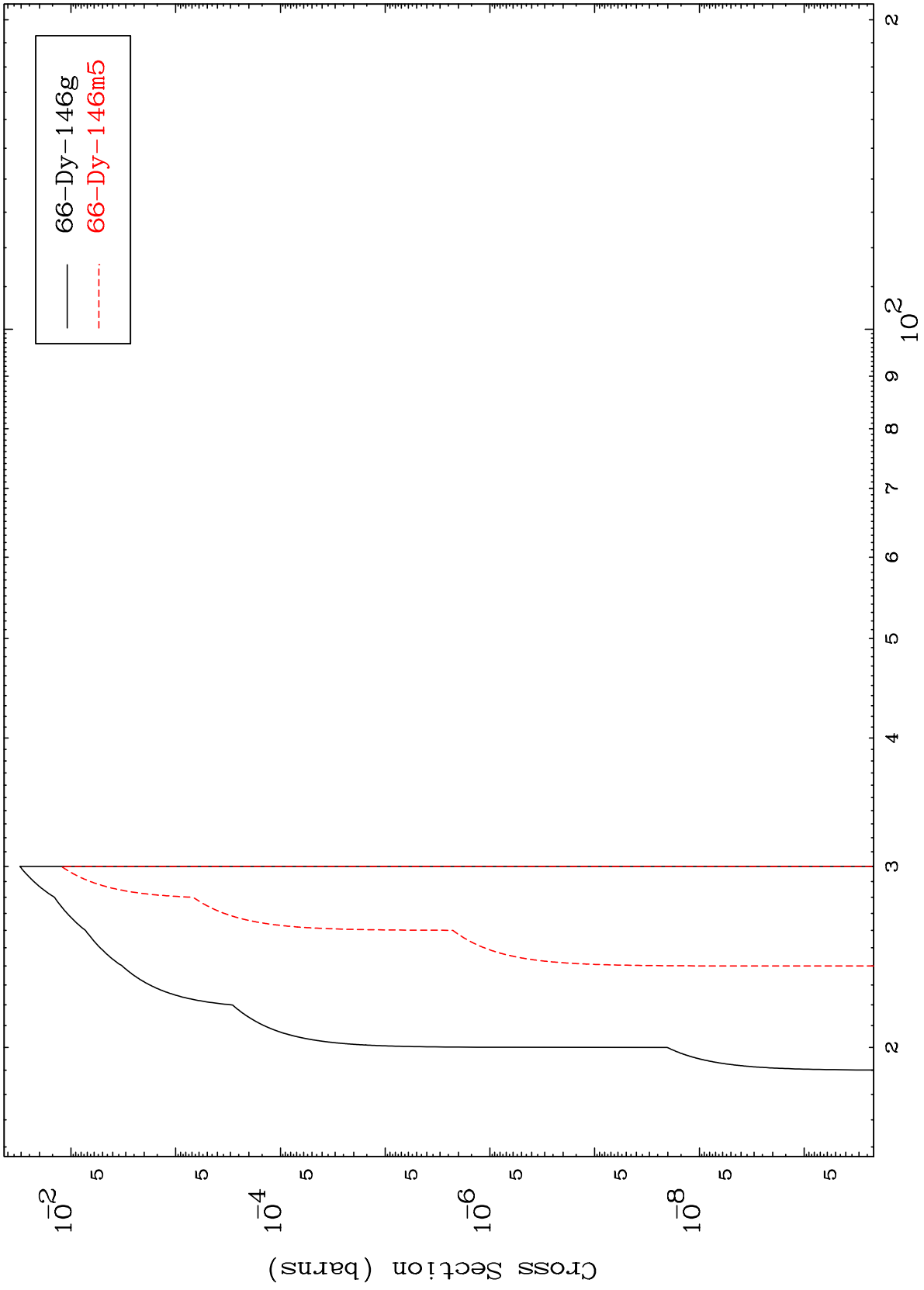
66-Dy-145

MAT 6593

( $\alpha, 2n$ ) p

66-Dy-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

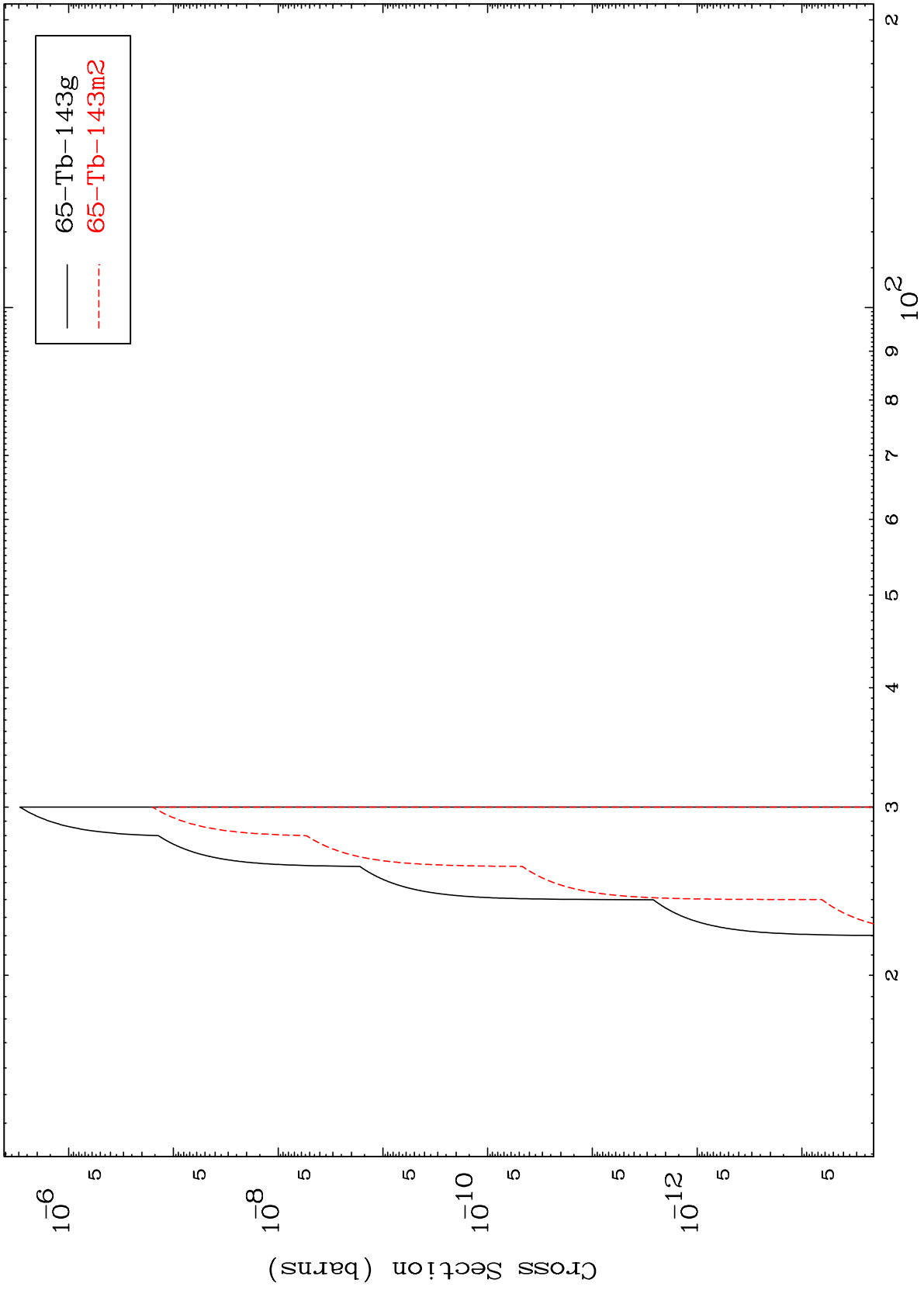
66-Dy-145

MAT 6593

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

66-Dy-145

Radionuclide Production Cross Section



13

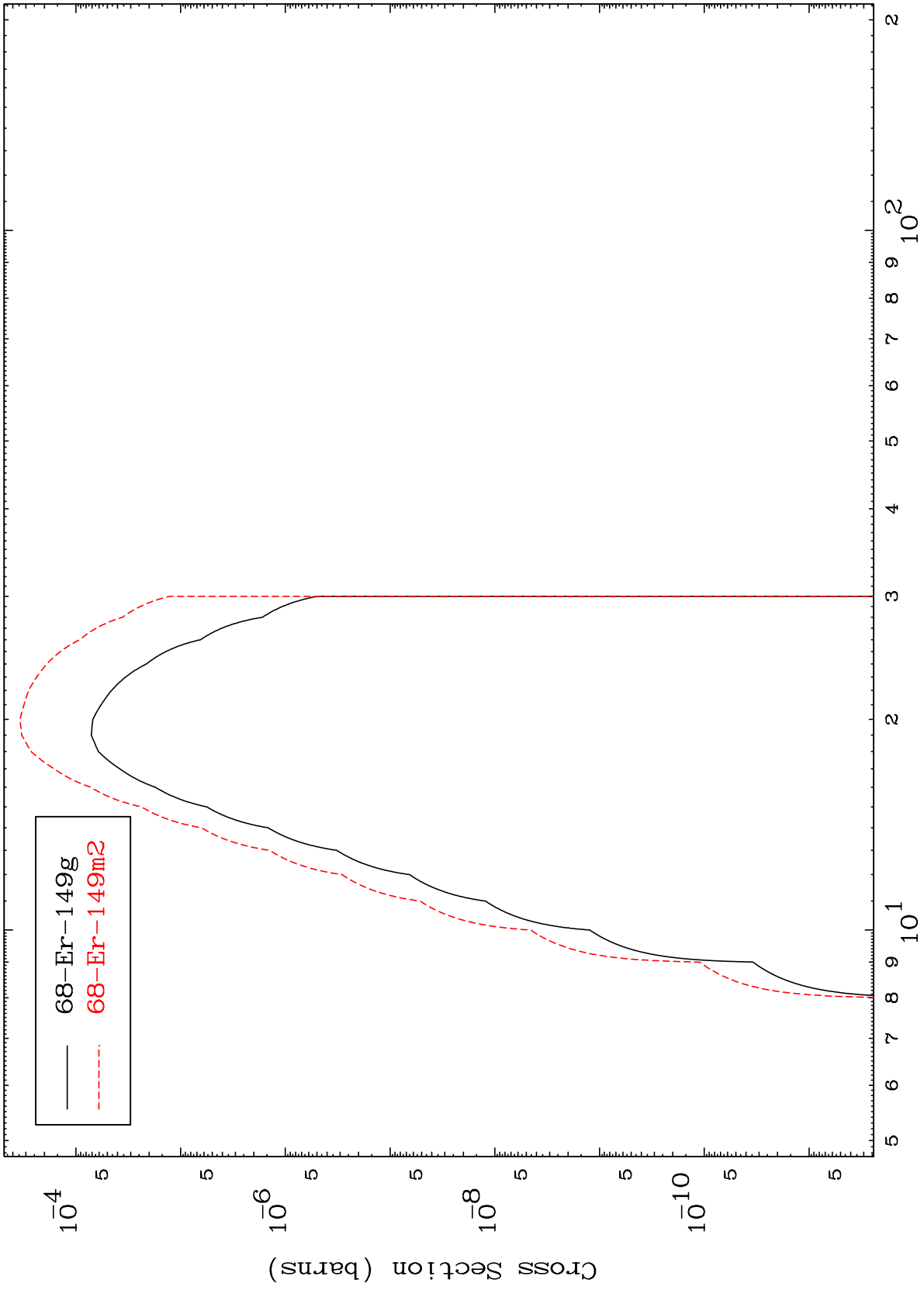
Incident Energy (MeV)

66-Dy-145

MAT 6593

Radionuclide Production Cross Section  
( $\alpha, \gamma$ )

66-Dy-145



14

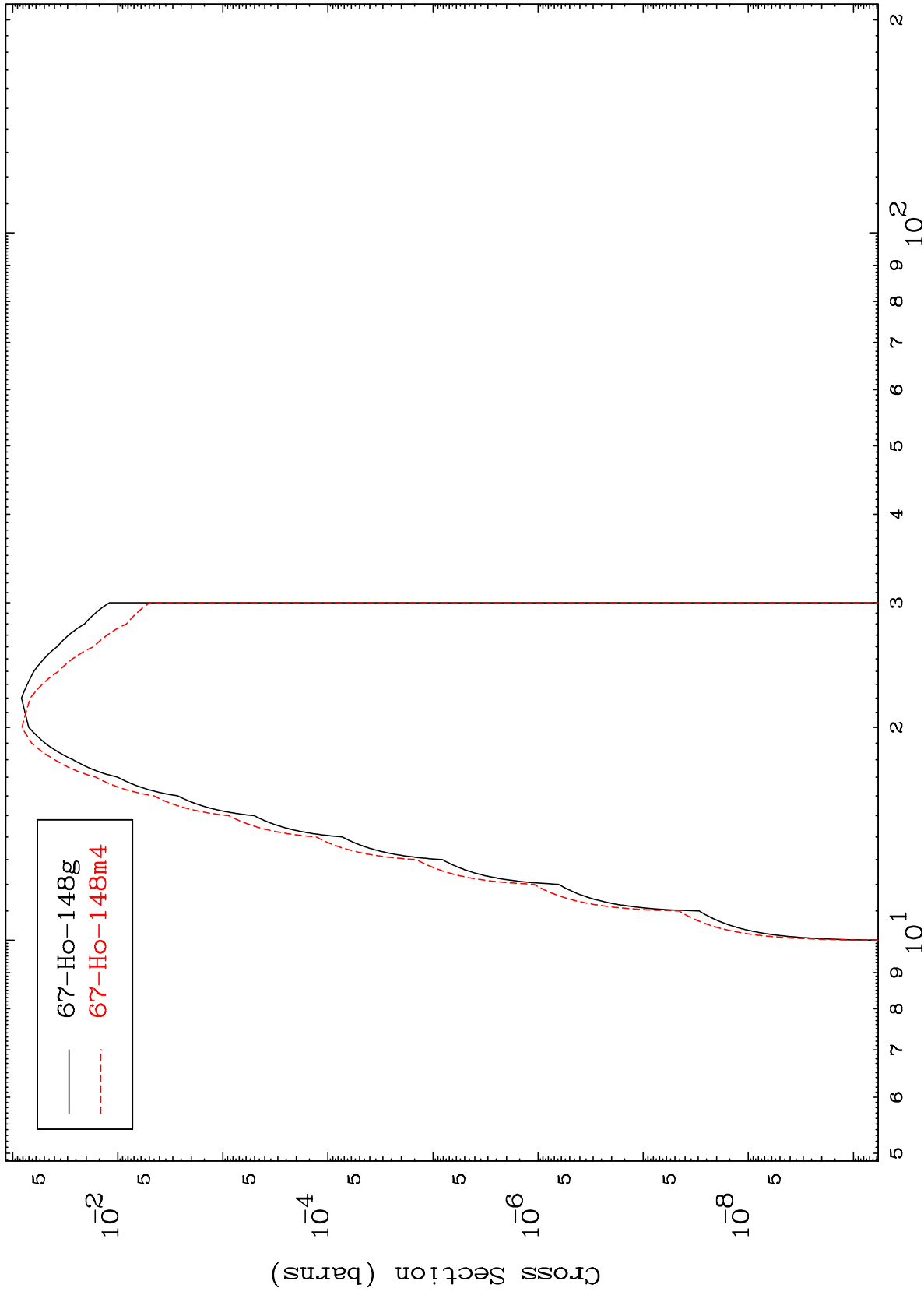
Incident Energy (MeV)

66-Dy-145

MAT 6593

66-Dy-145

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



15

Incident Energy (MeV)

66-Dy-145

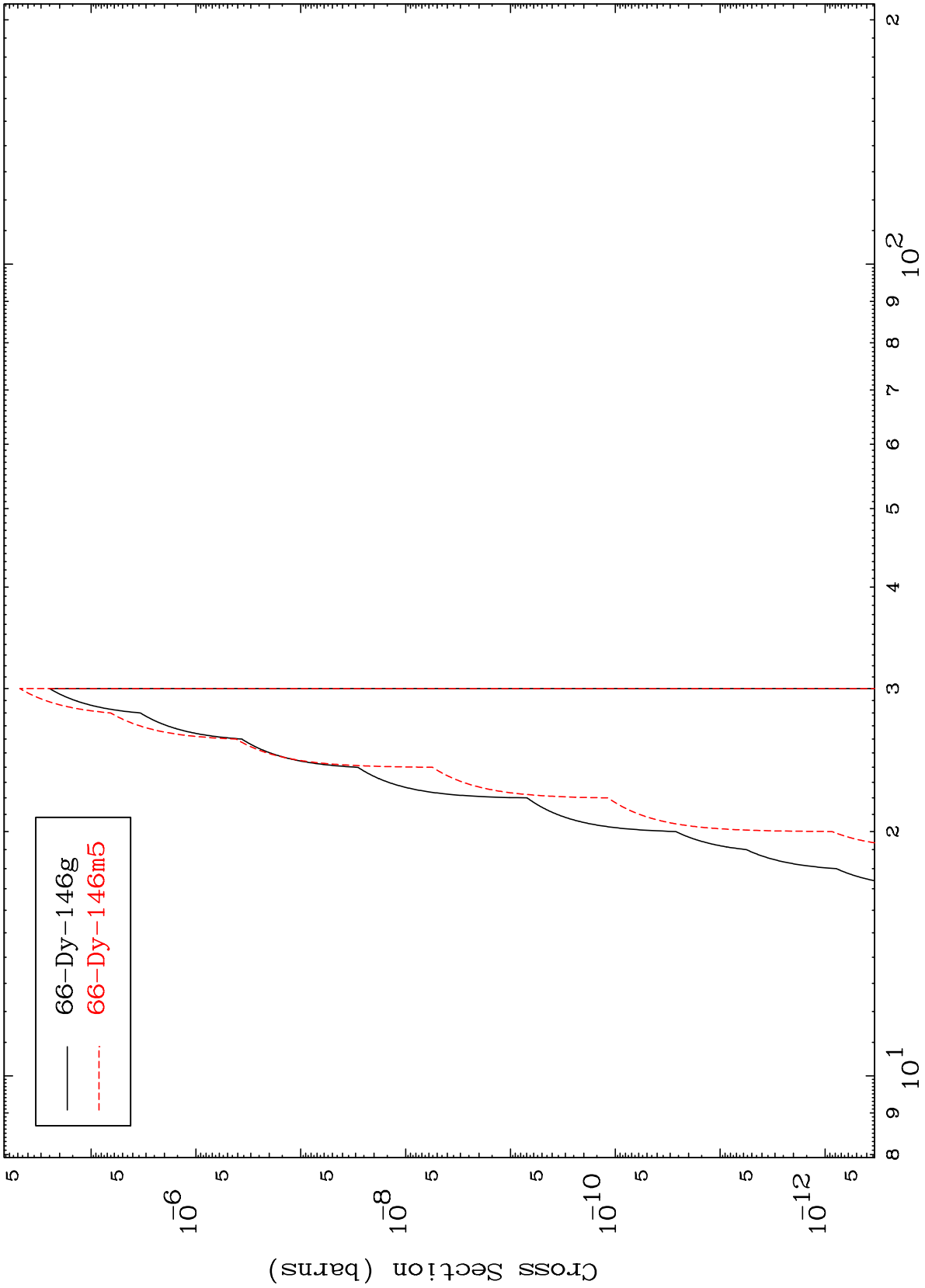


MAT 6593

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

66-Dy-145

Radionuclide Production Cross Section



66-Dy-146g  
66-Dy-146m5

16

Incident Energy (MeV)

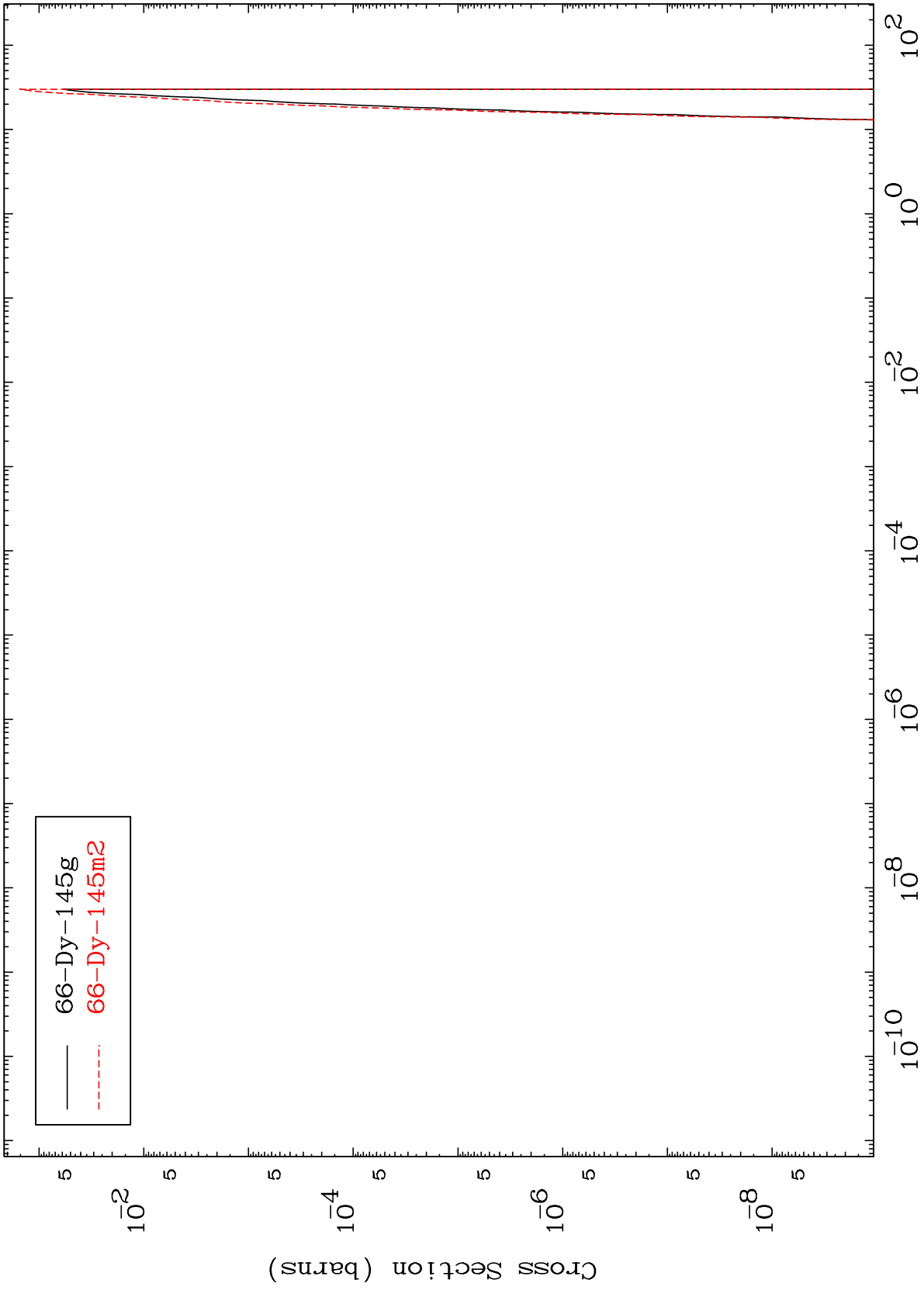
66-Dy-145

MAT 6593

( $\alpha, \alpha$ )

66-Dy-145

Radionuclide Production Cross Section

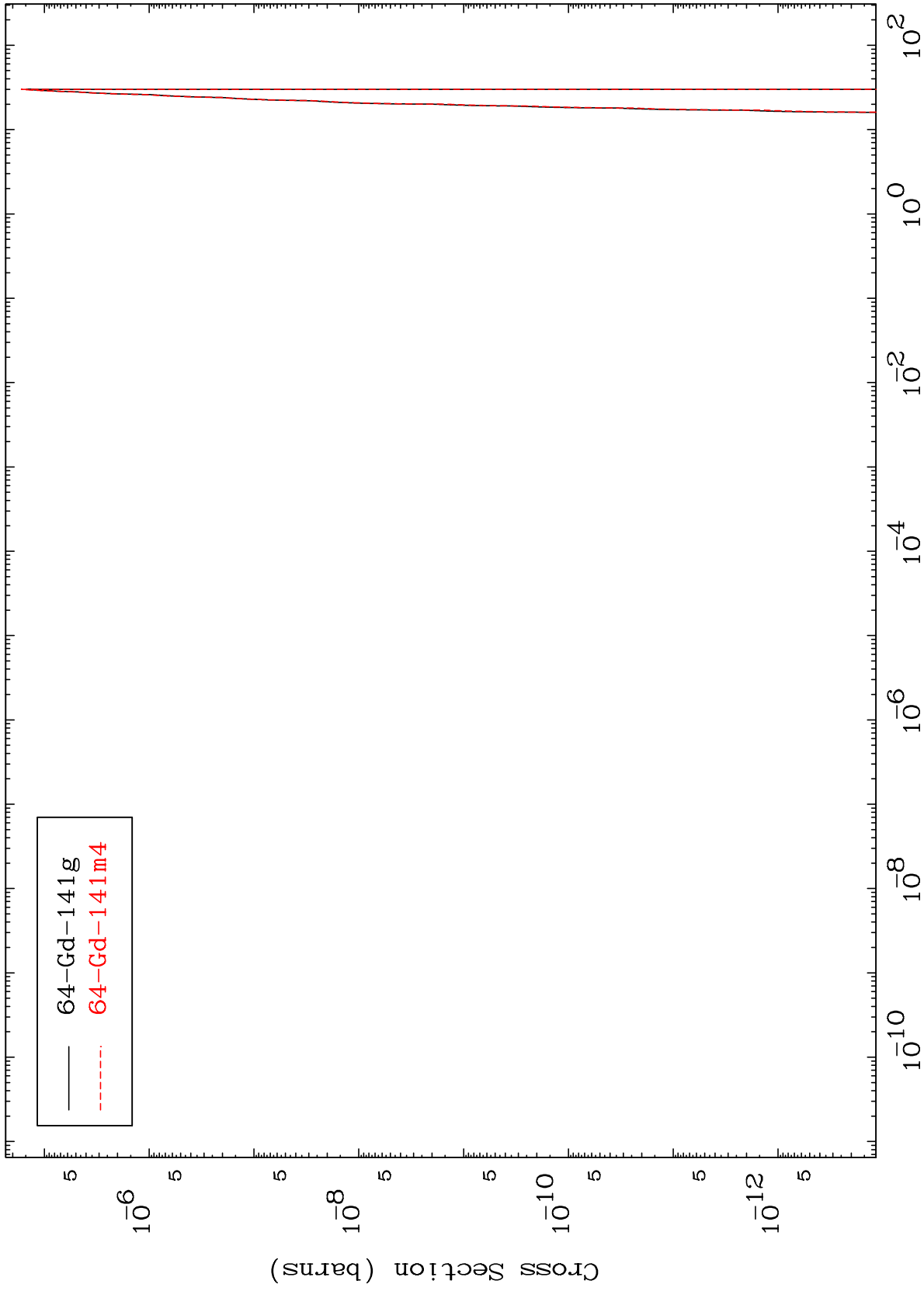


MAT 6593

( $\alpha, 2\alpha$ )

66-Dy-145

Radionuclide Production Cross Section



18

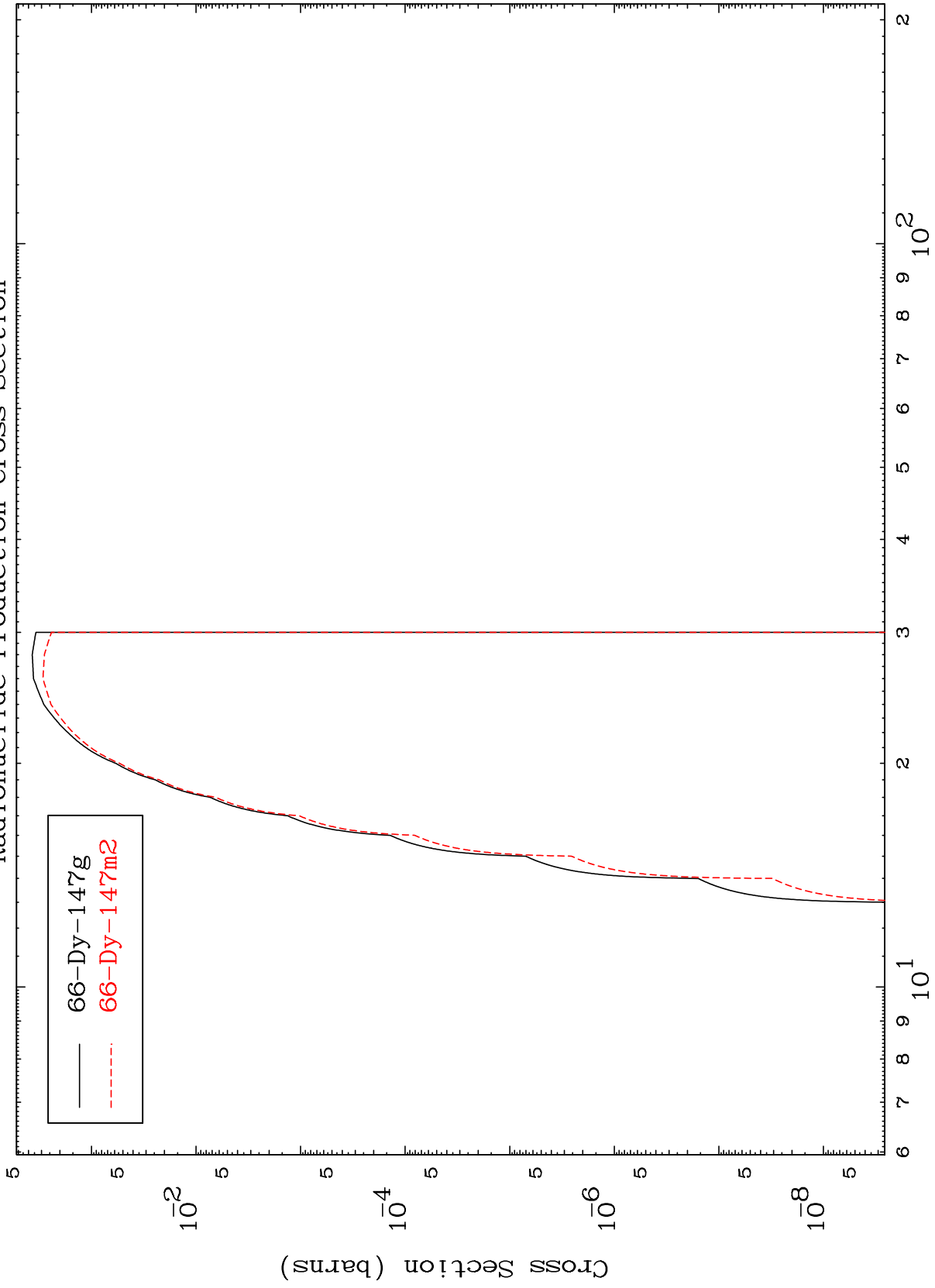
Incident Energy (MeV)

66-Dy-145

MAT 6593

66-Dy-145

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



19

Incident Energy (MeV)

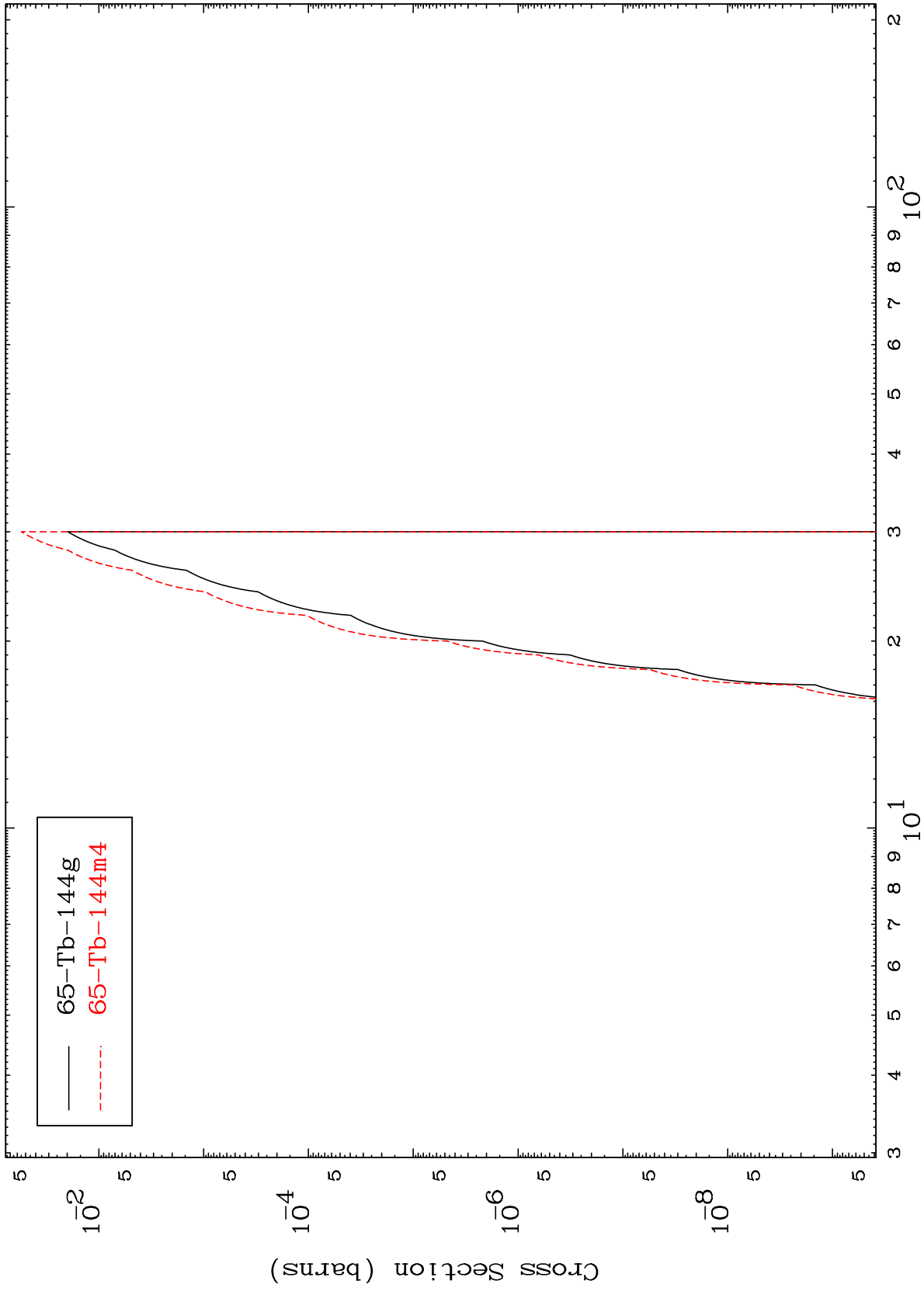
66-Dy-145

MAT 6593

( $\alpha, p$ )  $\alpha$

66-Dy-145

Radionuclide Production Cross Section



20

Incident Energy (MeV)

66-Dy-145

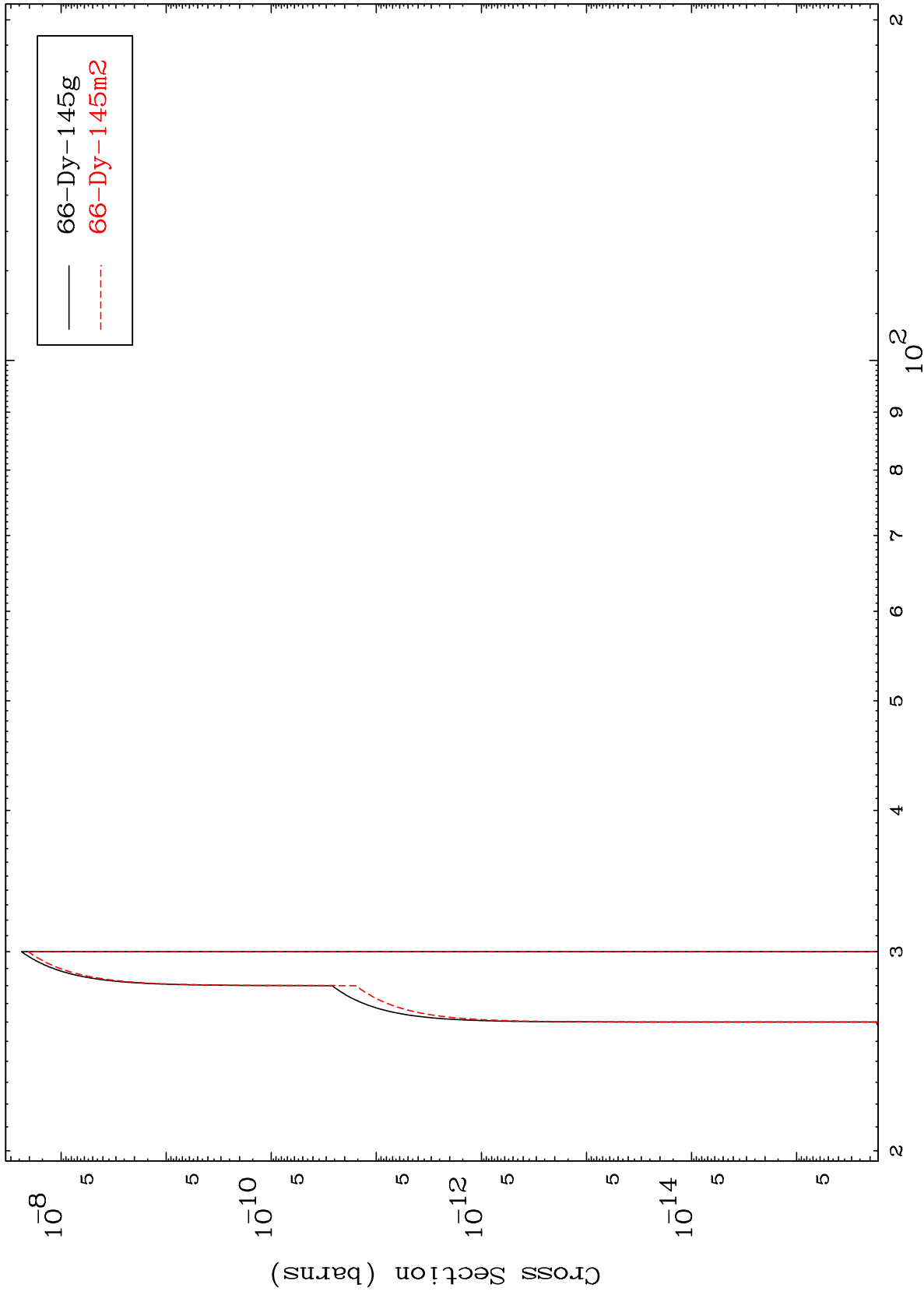


MAT 6593

( $\alpha, p$ ) t

66-Dy-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

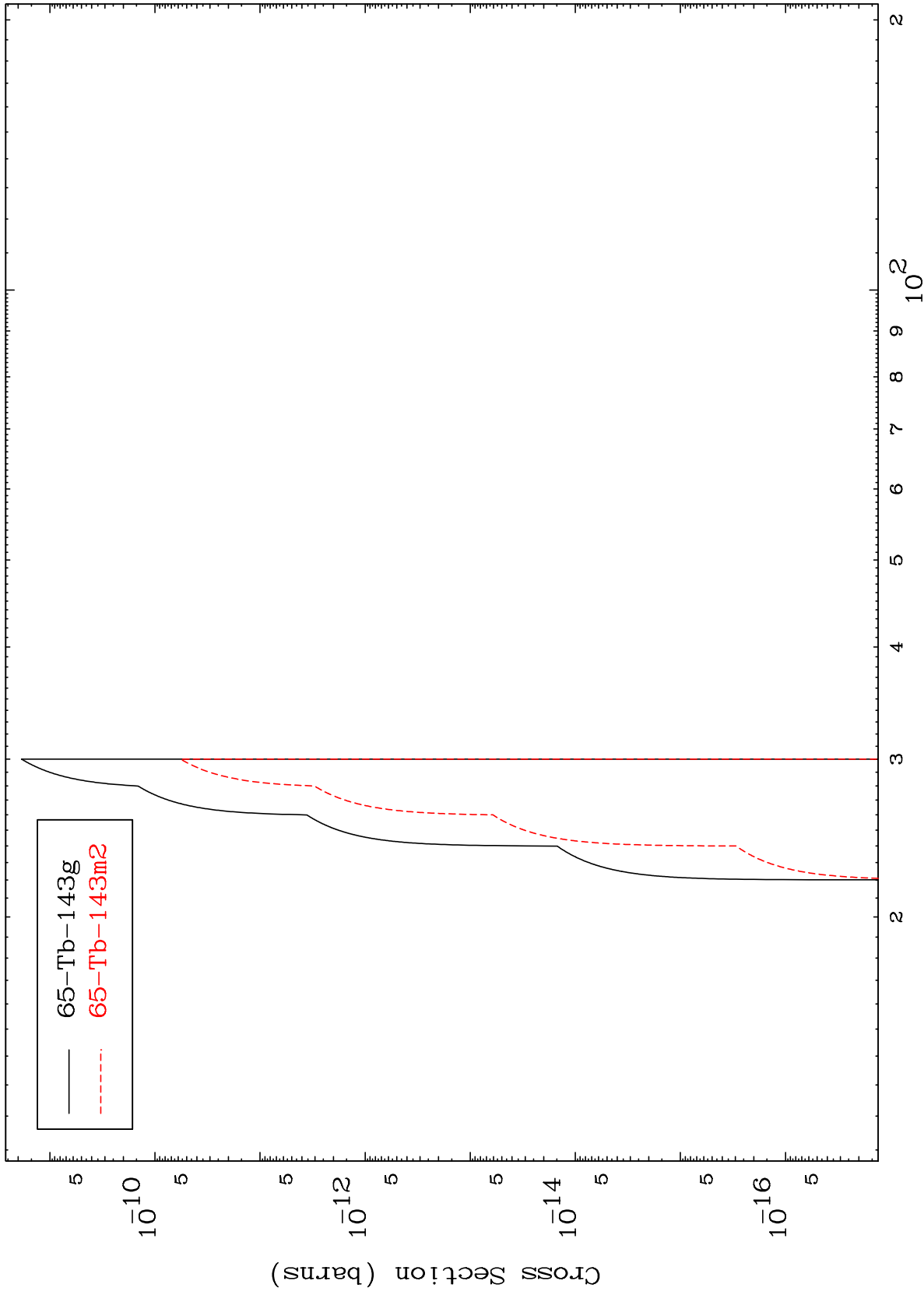
66-Dy-145

MAT 6593

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

66-Dy-145

Radionuclide Production Cross Section



23

66-Dy-145