

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

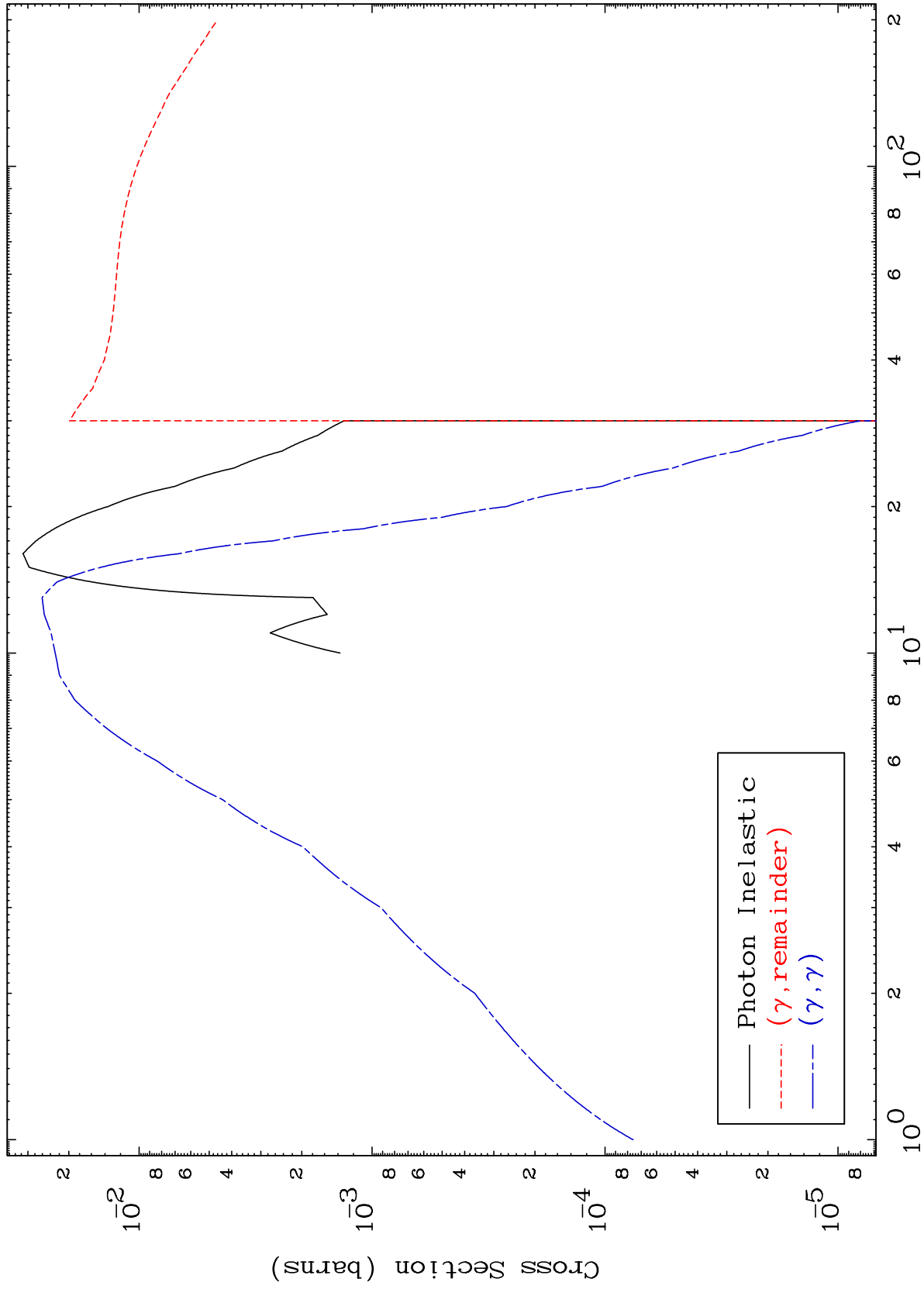
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

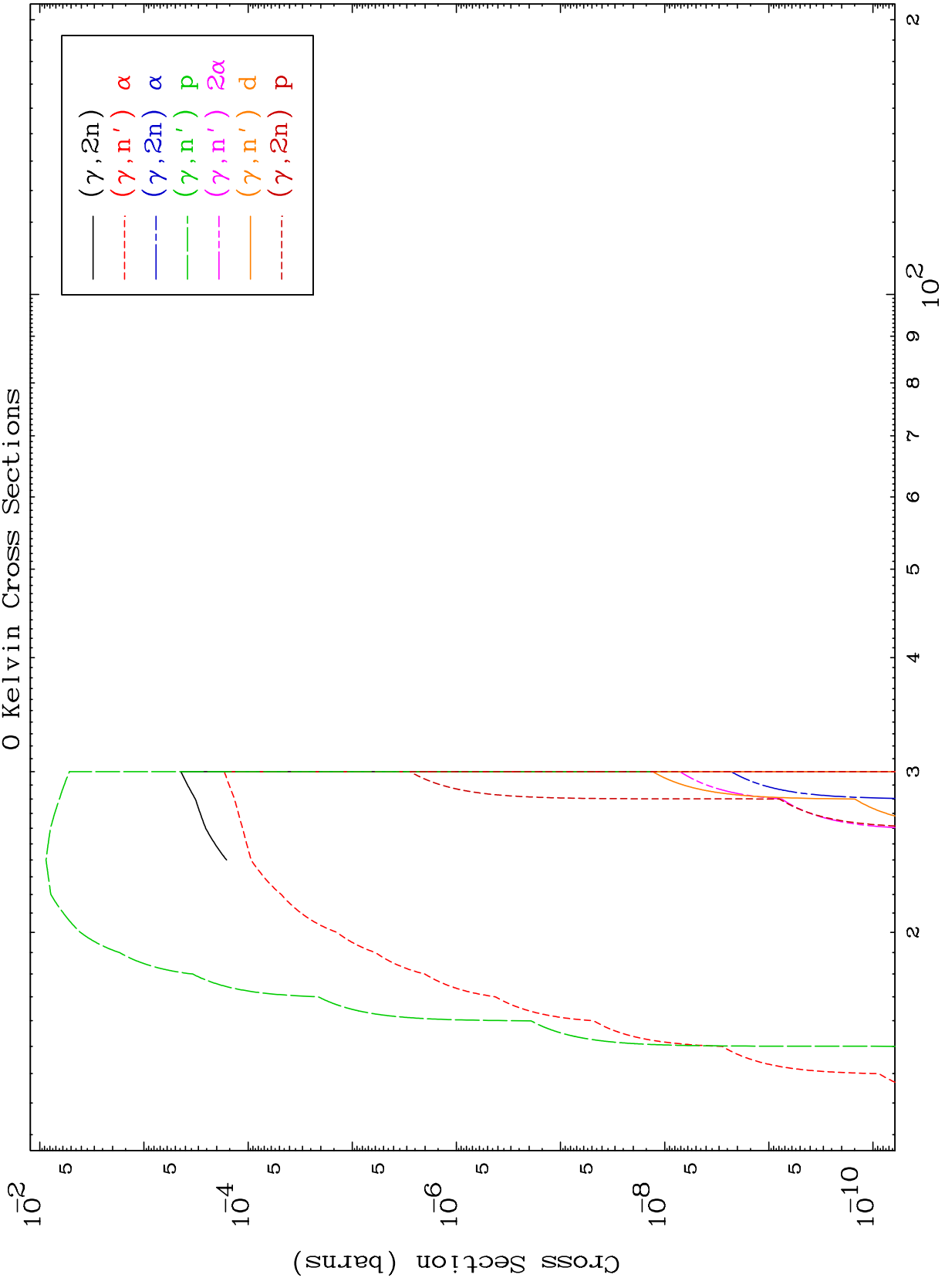
Press Mouse Button to Start

MAT 6592

Photon Major  
0 Kelvin Cross Sections

66-Dy-145

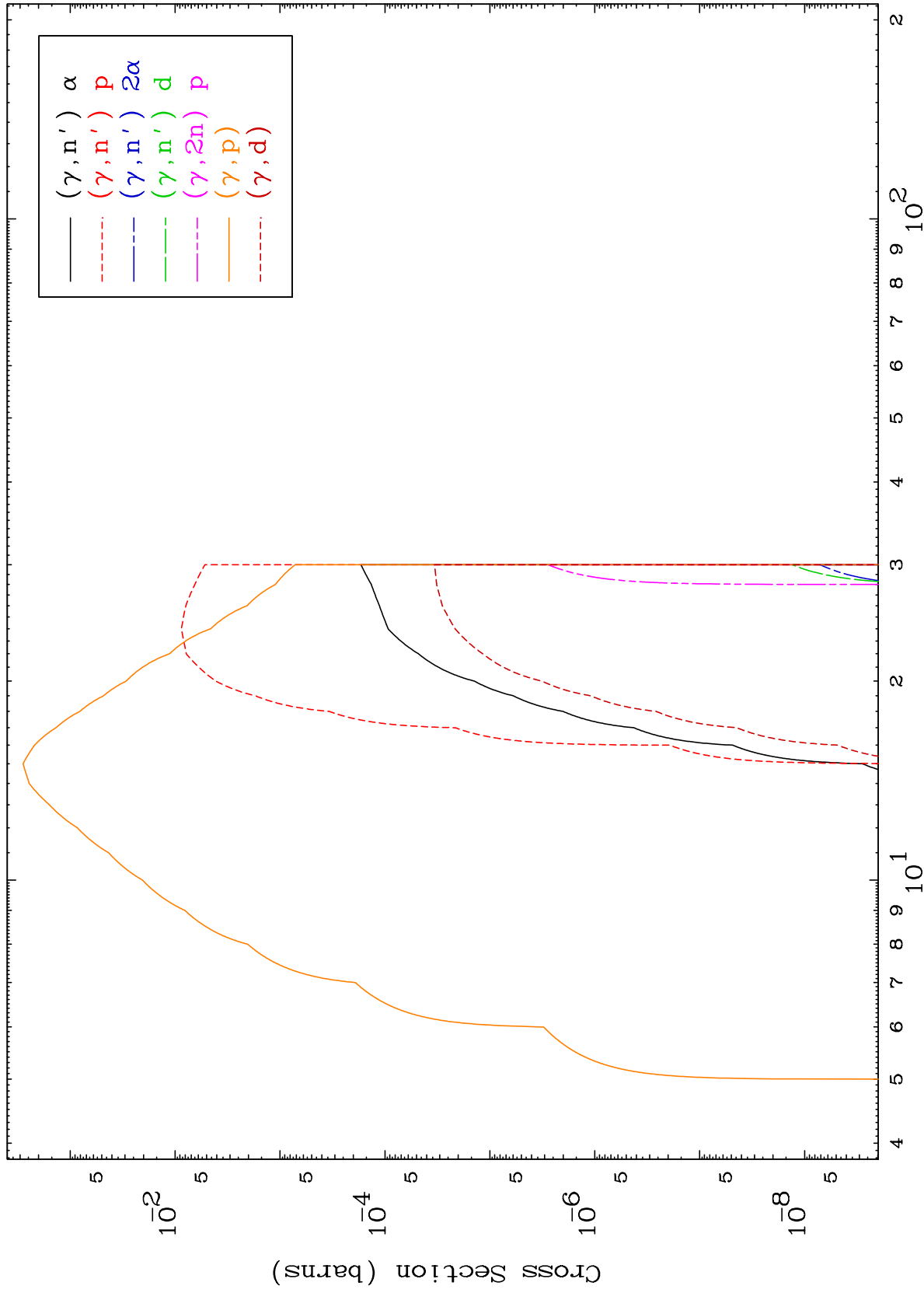




MAT 6592

Photon Charged Particle  
0 Kelvin Cross Sections

66-Dy-145



3

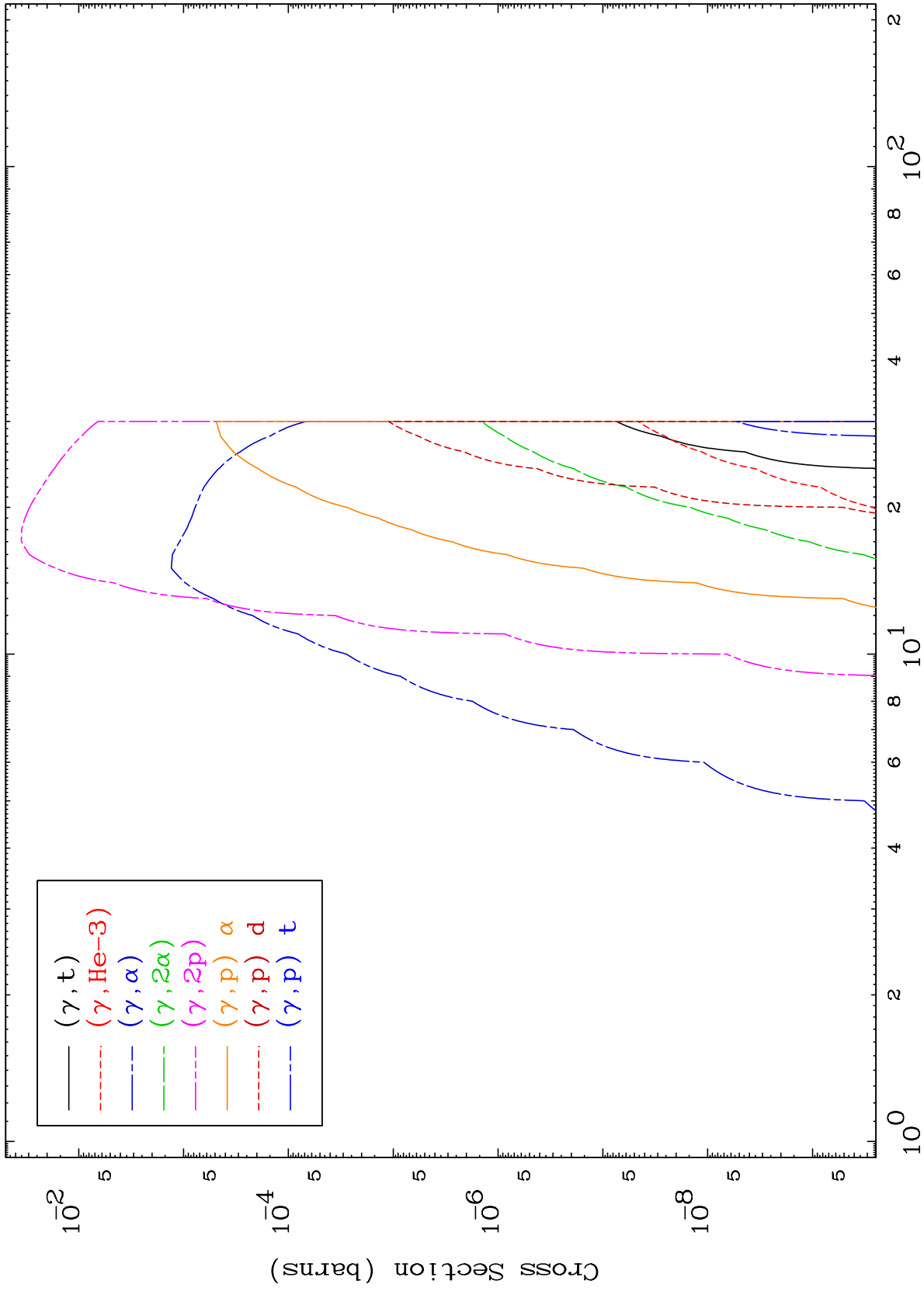
Incident Energy (MeV)

66-Dy-145

MAT 6592

Photon Charged Particle  
0 Kelvin Cross Sections

66-Dy-145



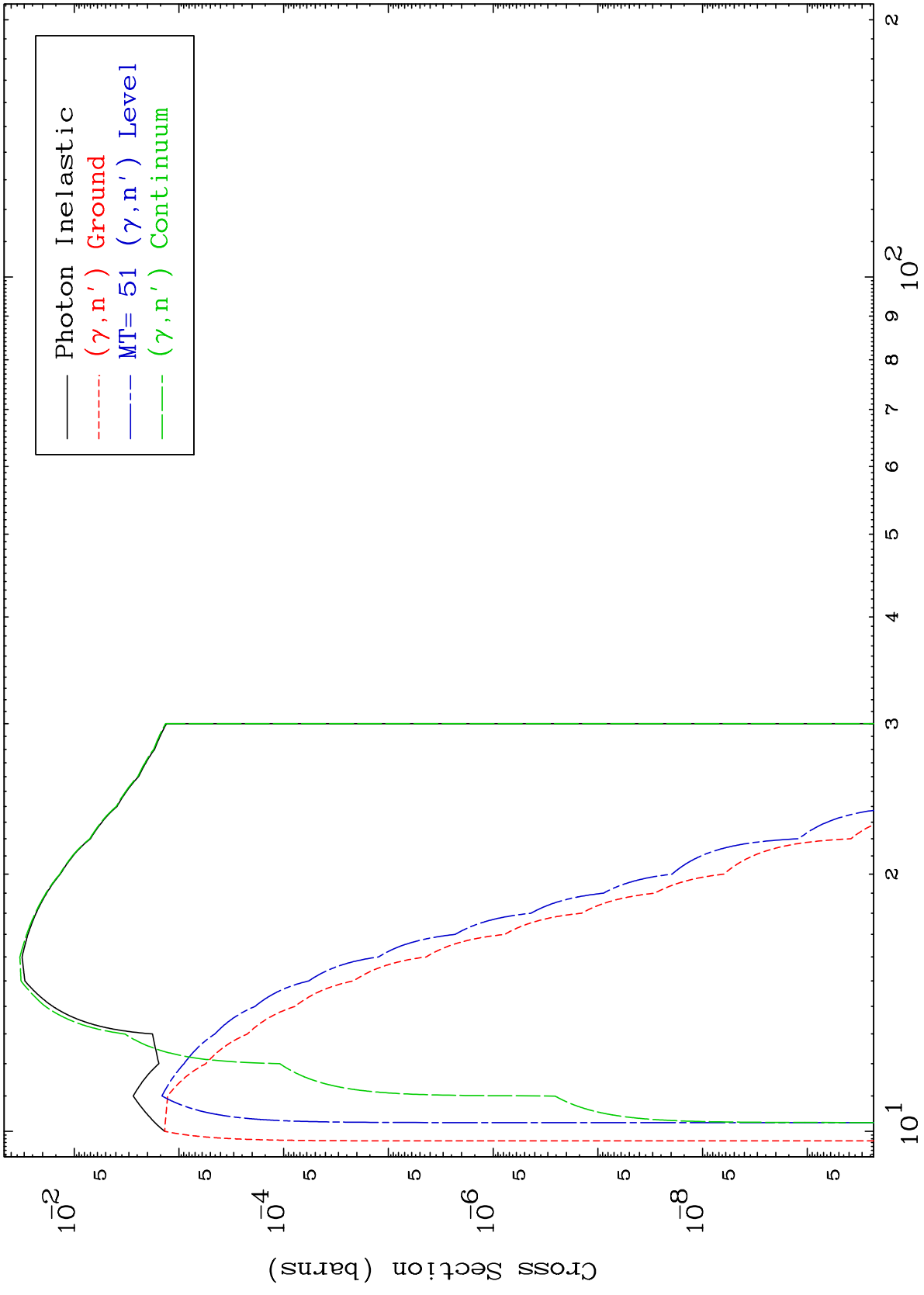
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



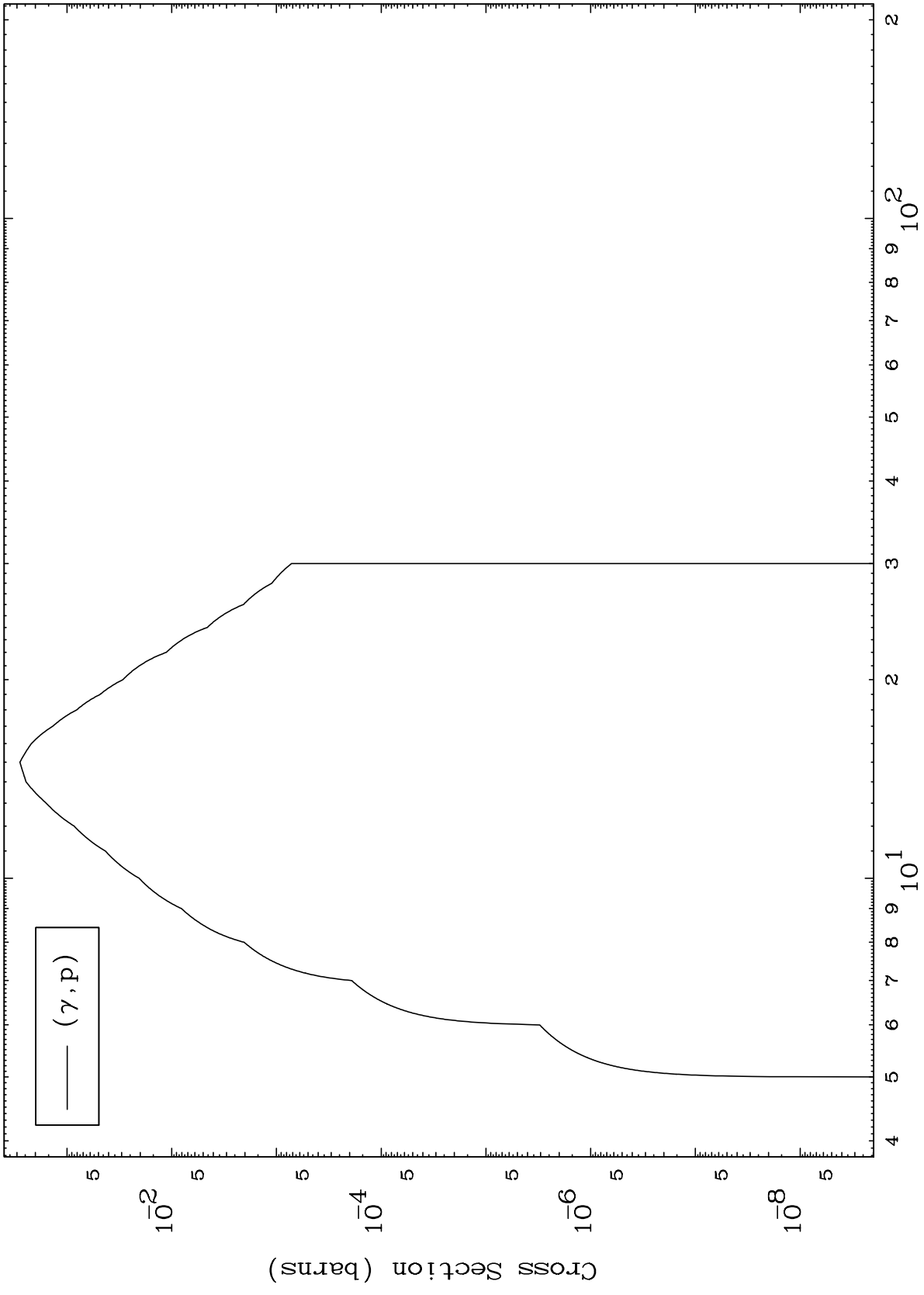
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



( $\gamma, p$ )

6

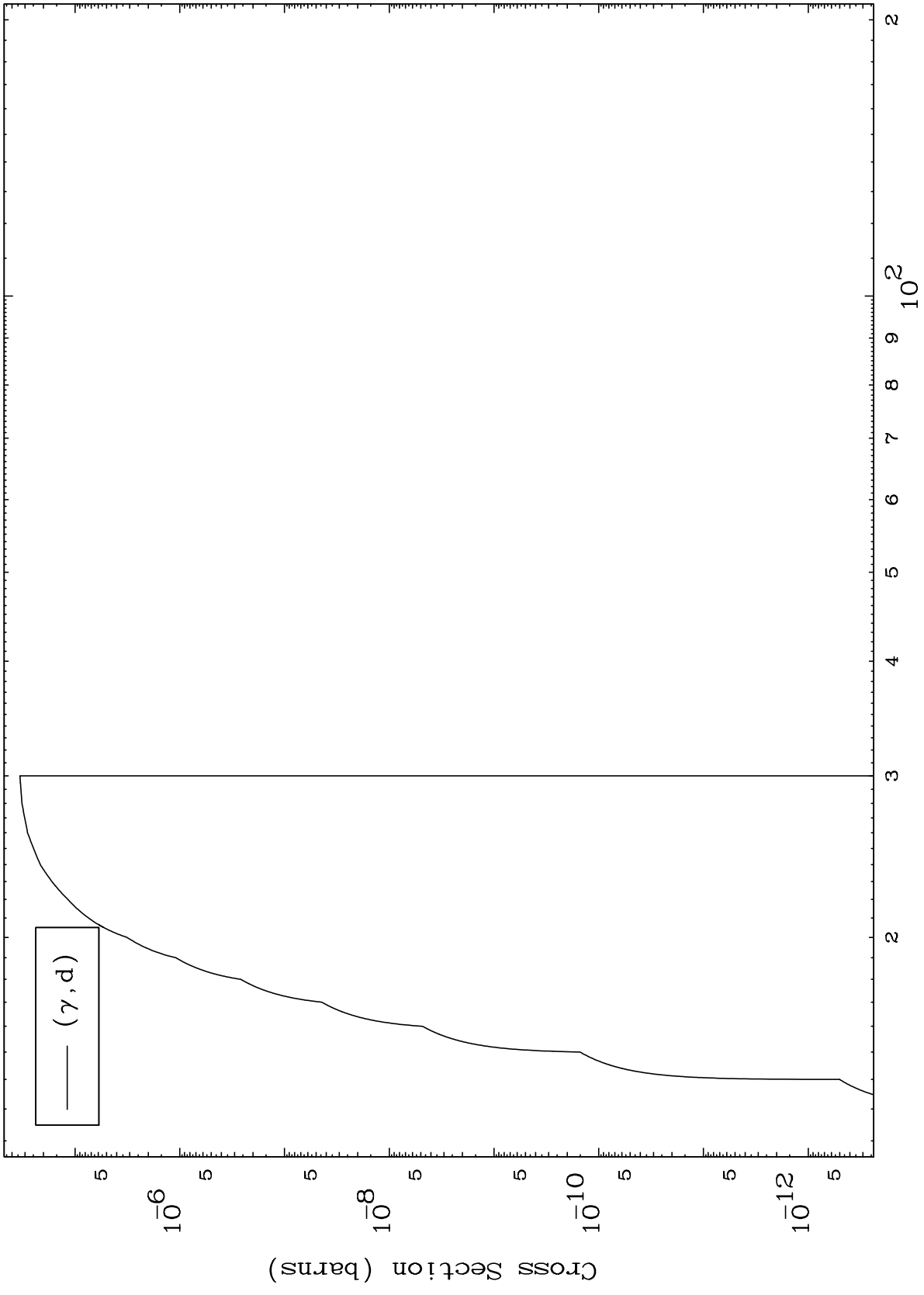
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



7

Incident Energy (MeV)

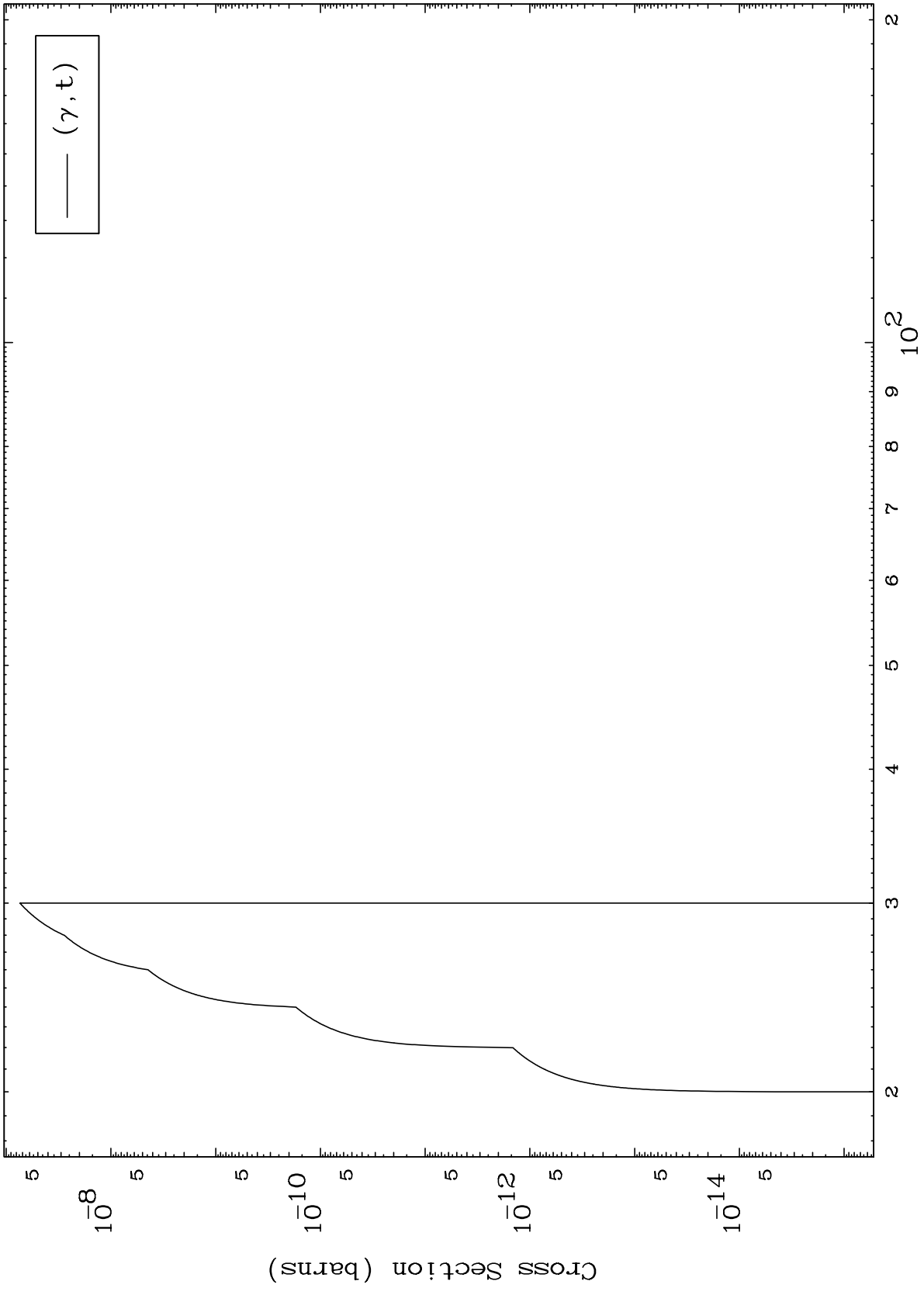
66-Dy-145



MAT 6592

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

66-Dy-145



8

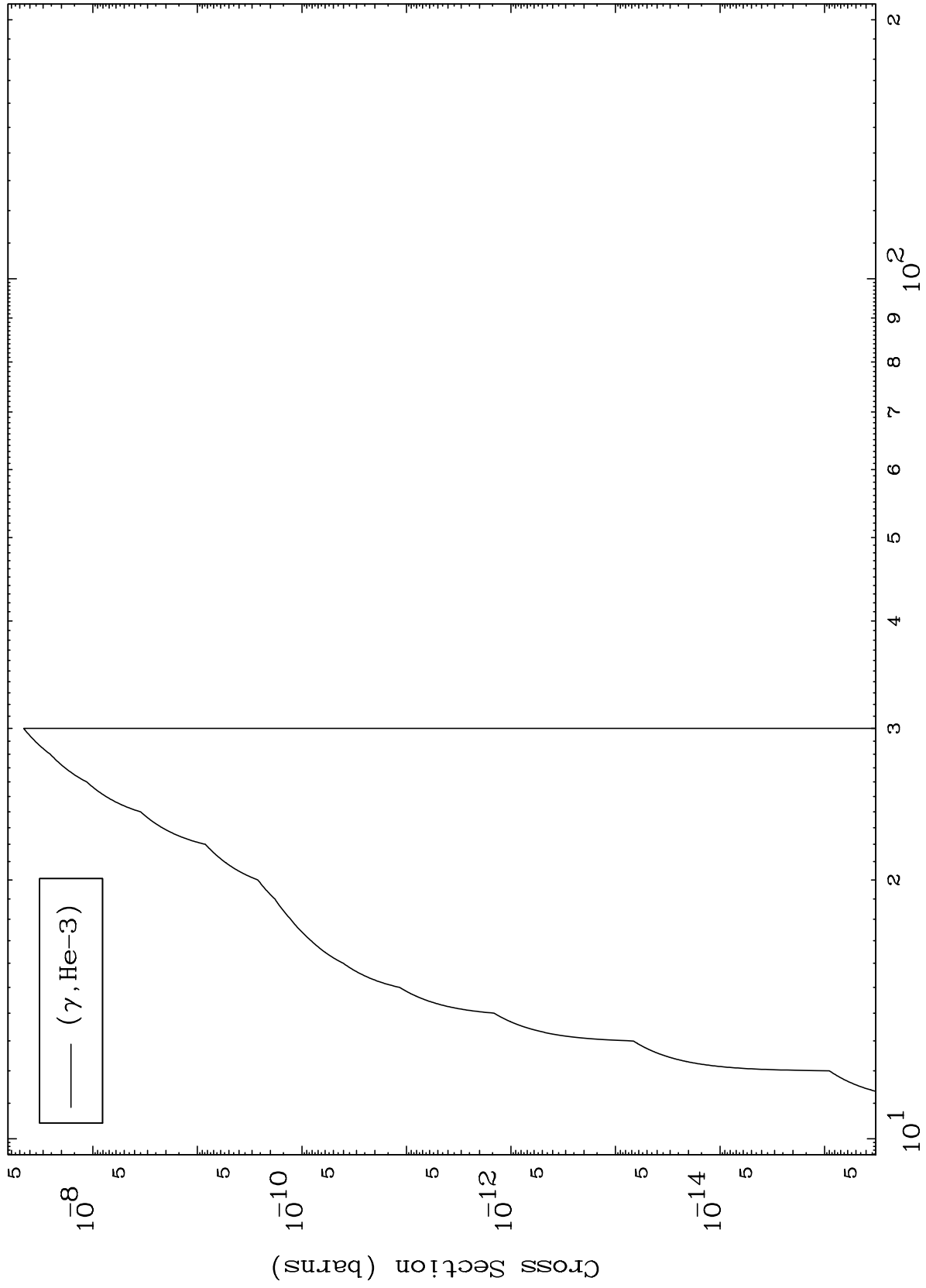
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



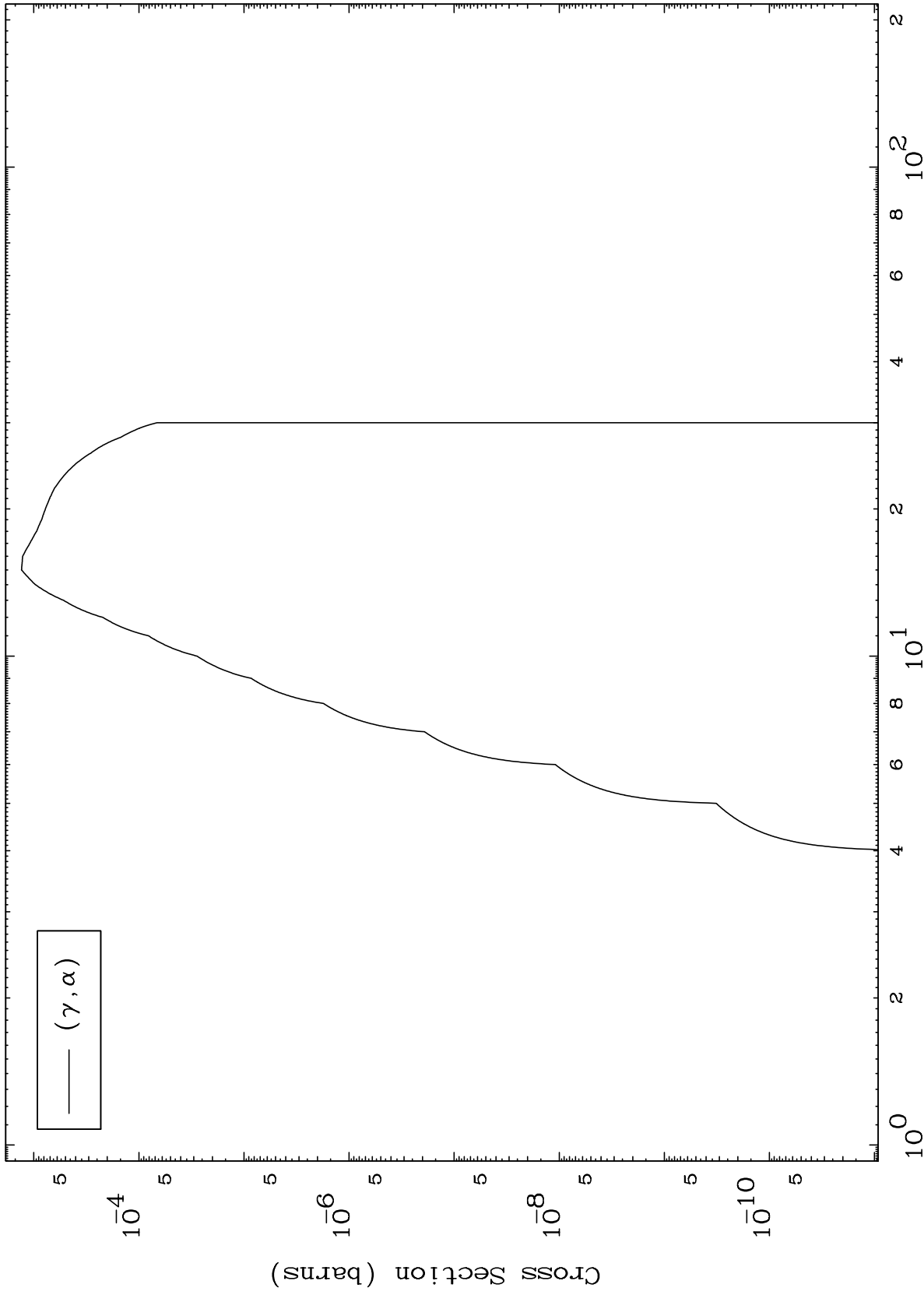
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



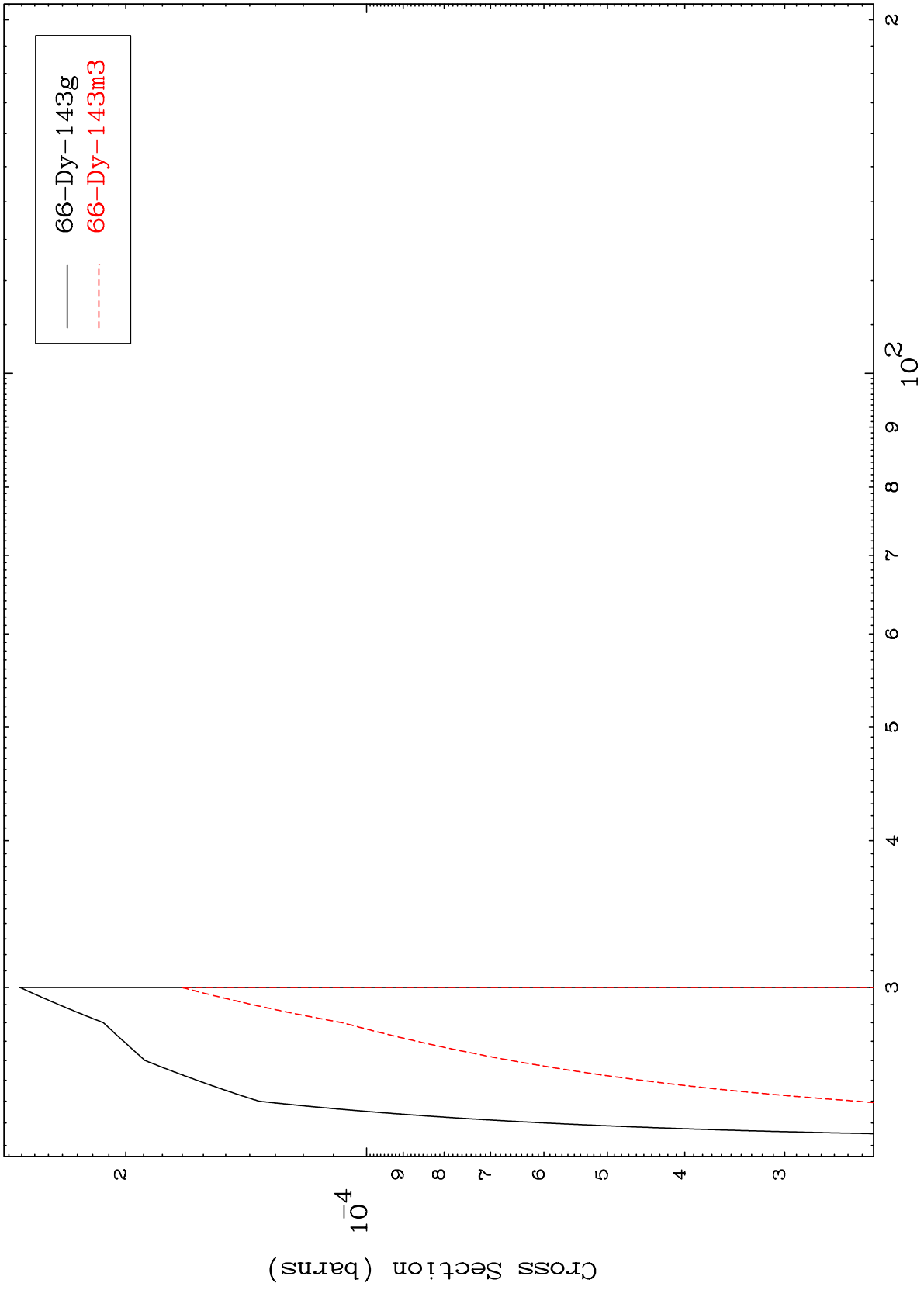
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

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



11

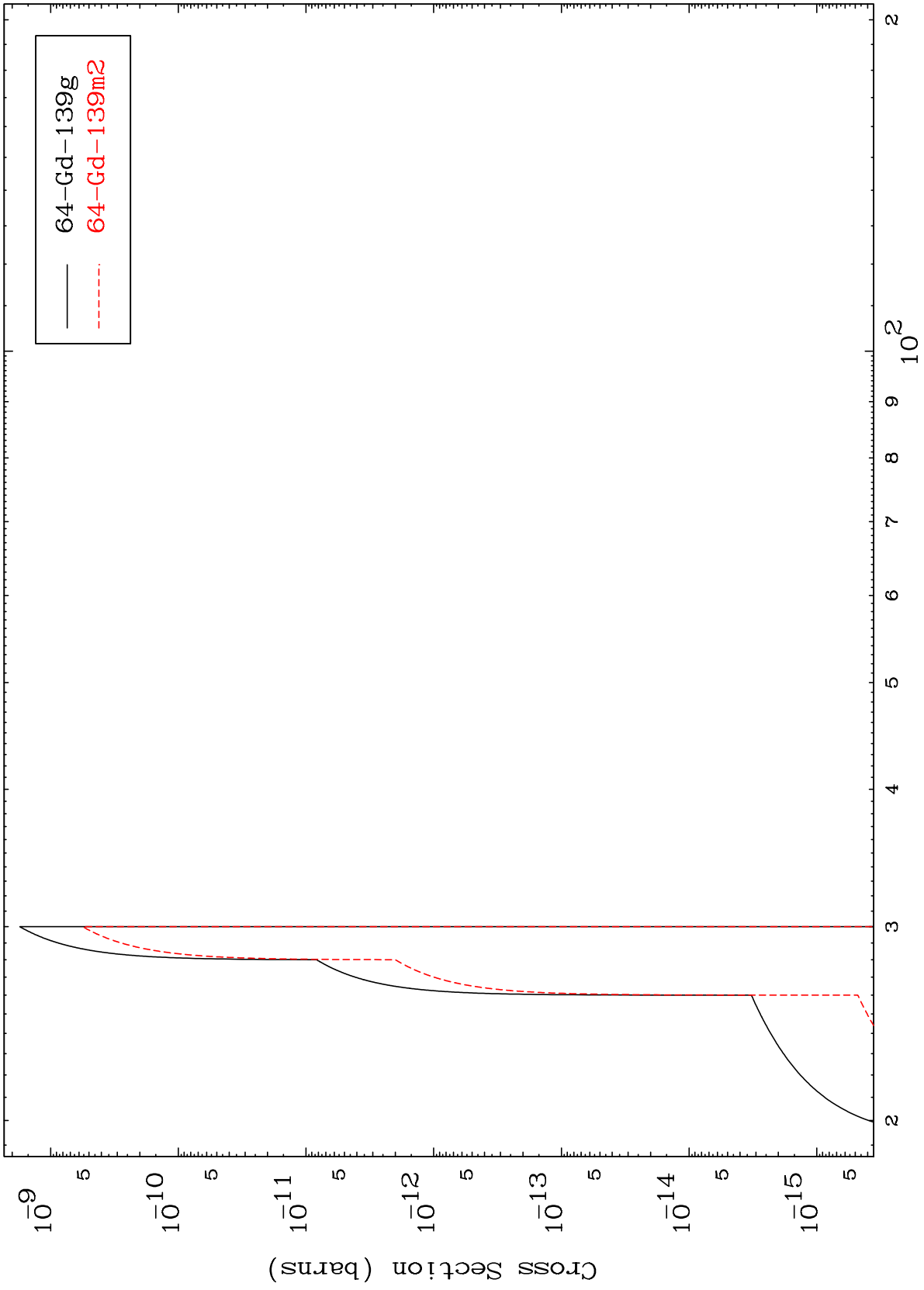
66-Dy-145

MAT 6592

$(\gamma, 2n) \alpha$

66-Dy-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

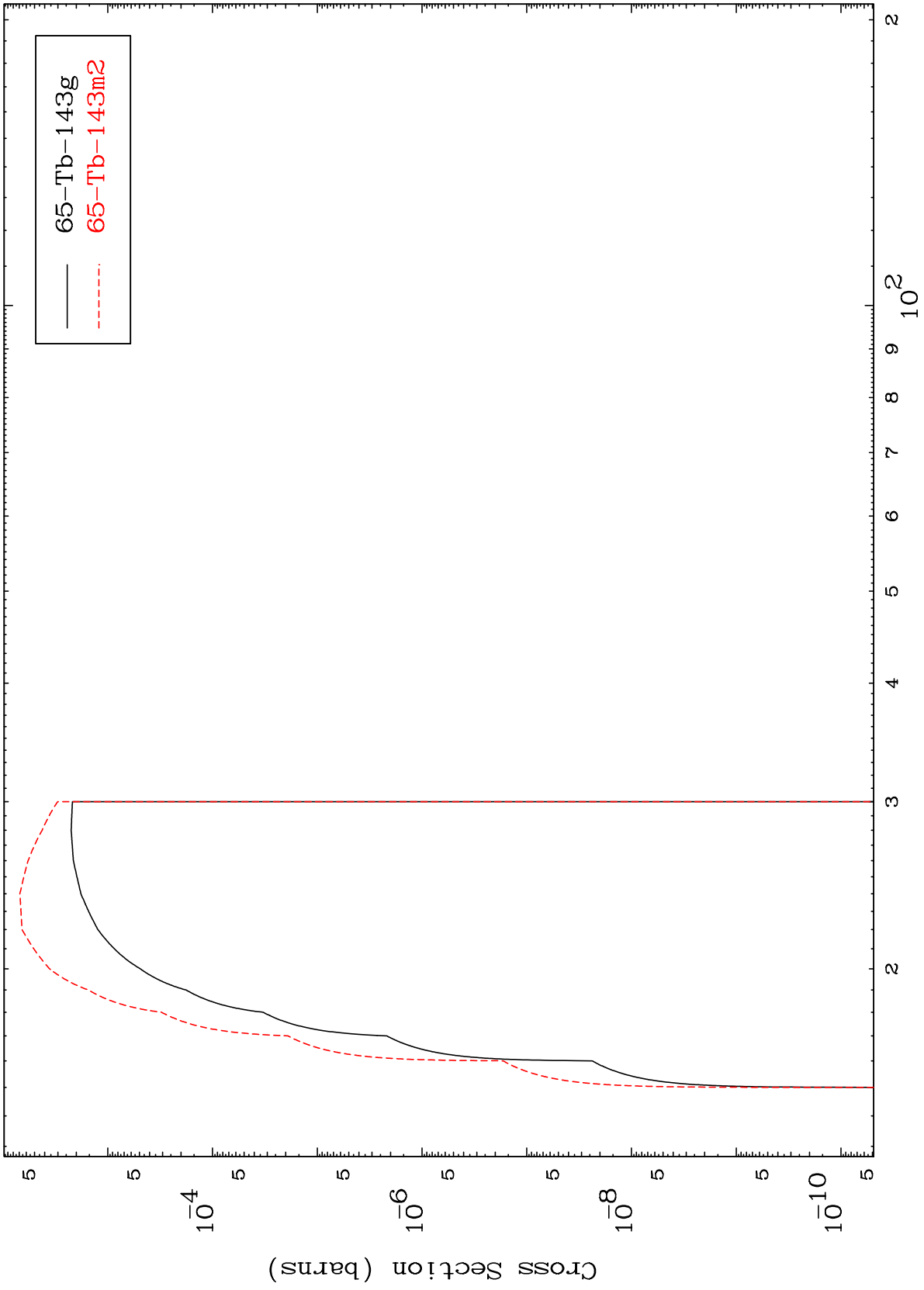
66-Dy-145

MAT 6592

$(\gamma, n')$  p

<sup>66</sup>Dy-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

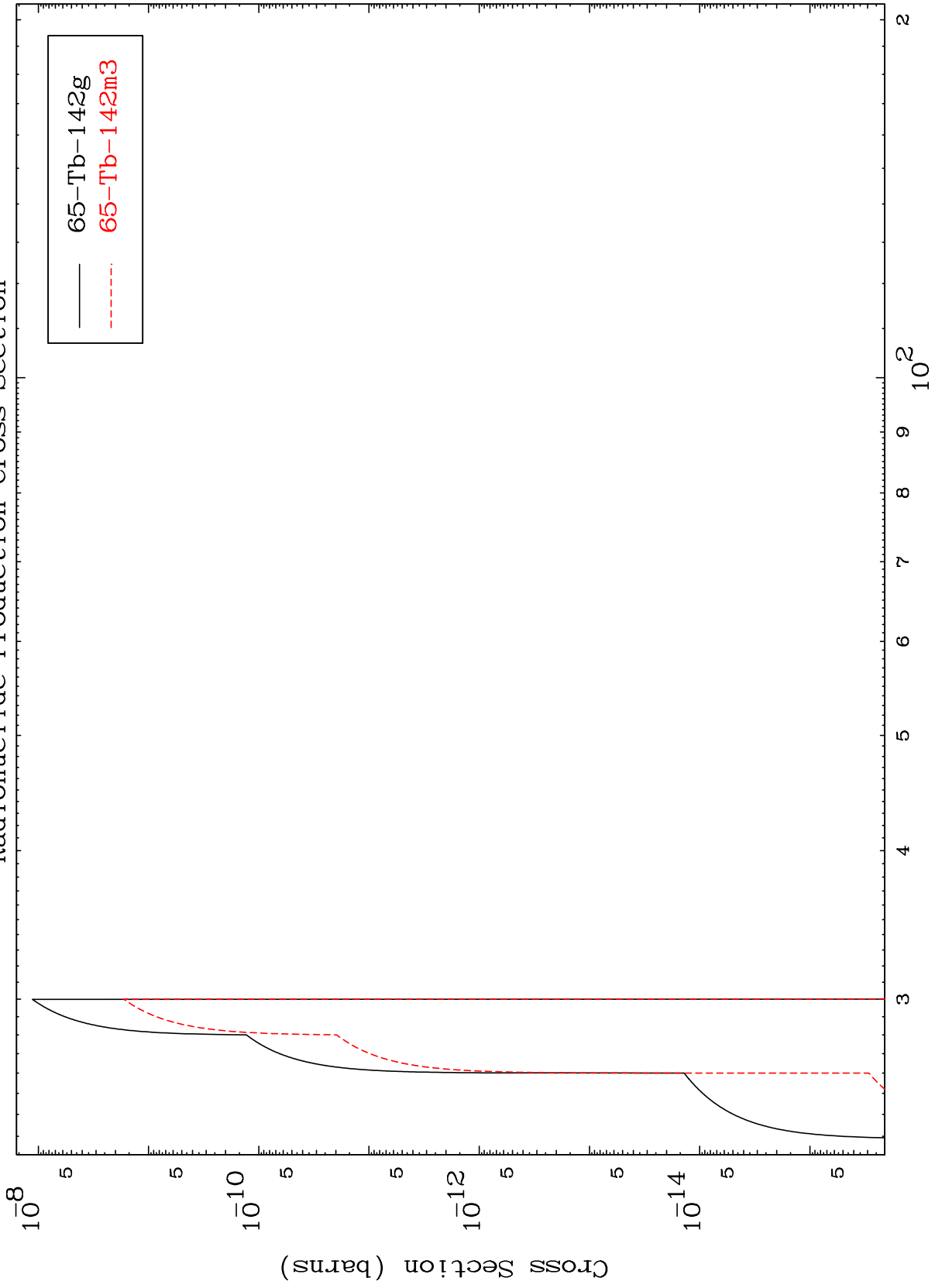
<sup>66</sup>Dy-145

MAT 6592

( $\gamma, n'$ ) d

66-Dy-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

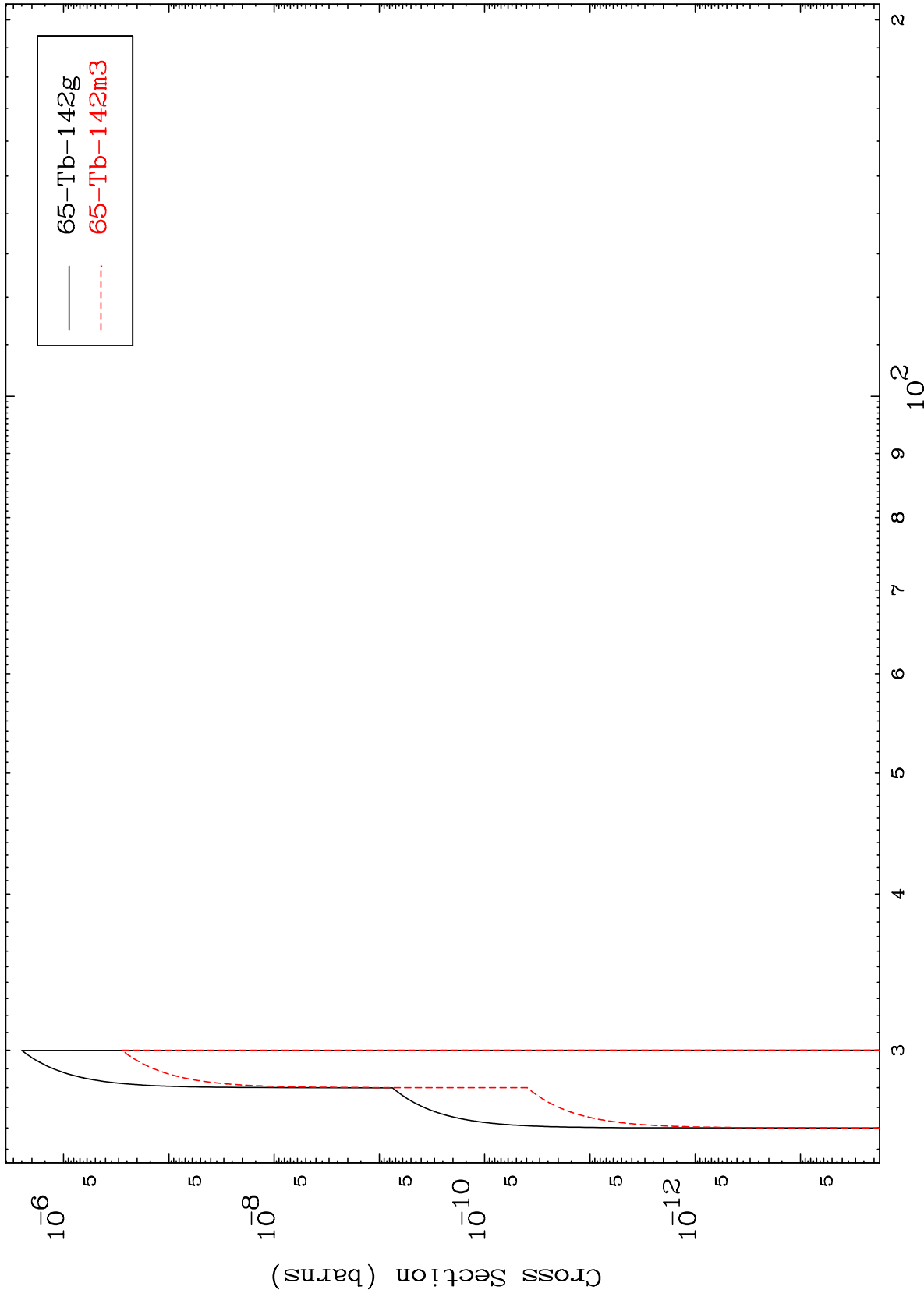
66-Dy-145

MAT 6592

( $\gamma, 2n$ ) p

66-Dy-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

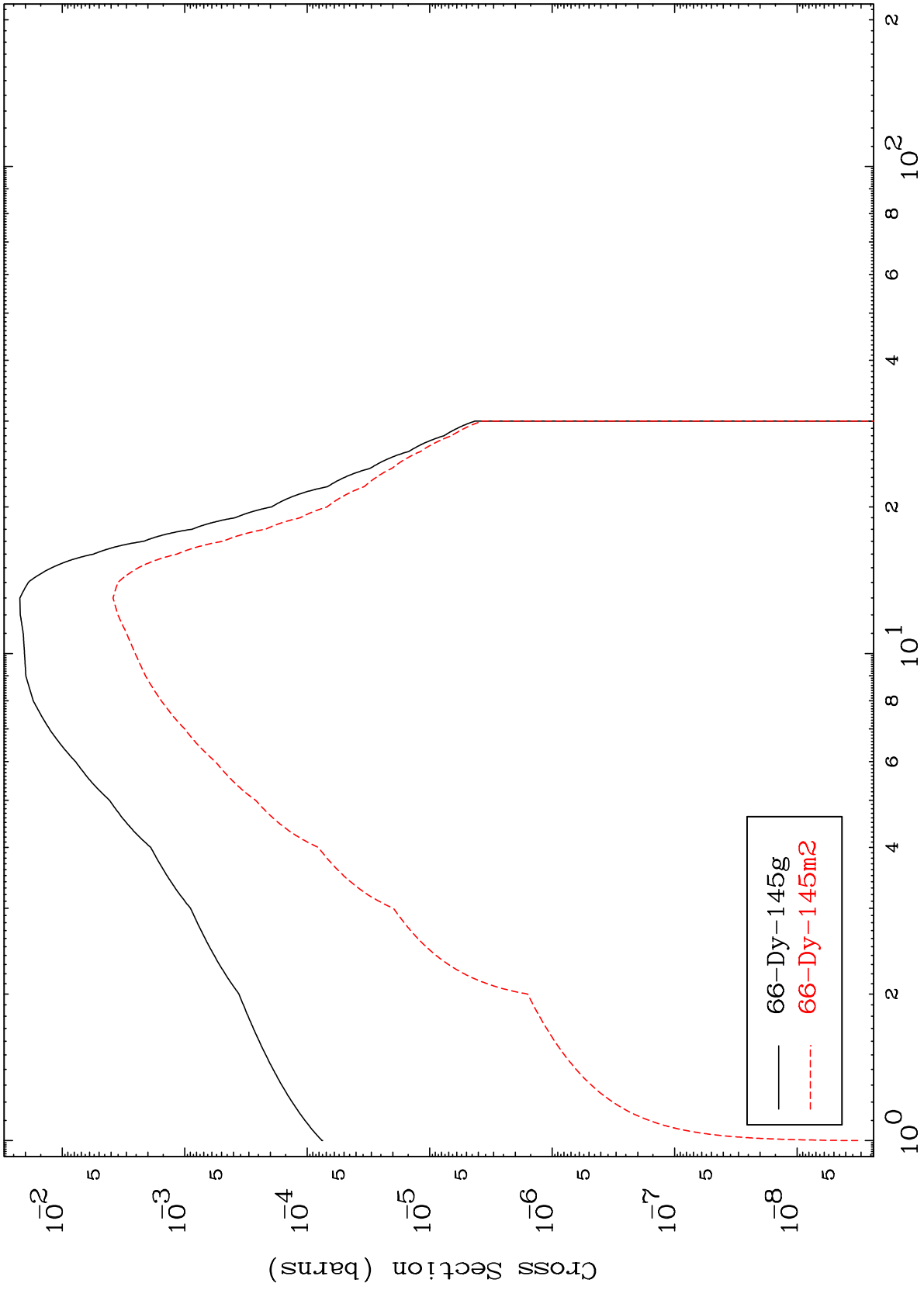
66-Dy-145



MAT 6592

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

66-Dy-145



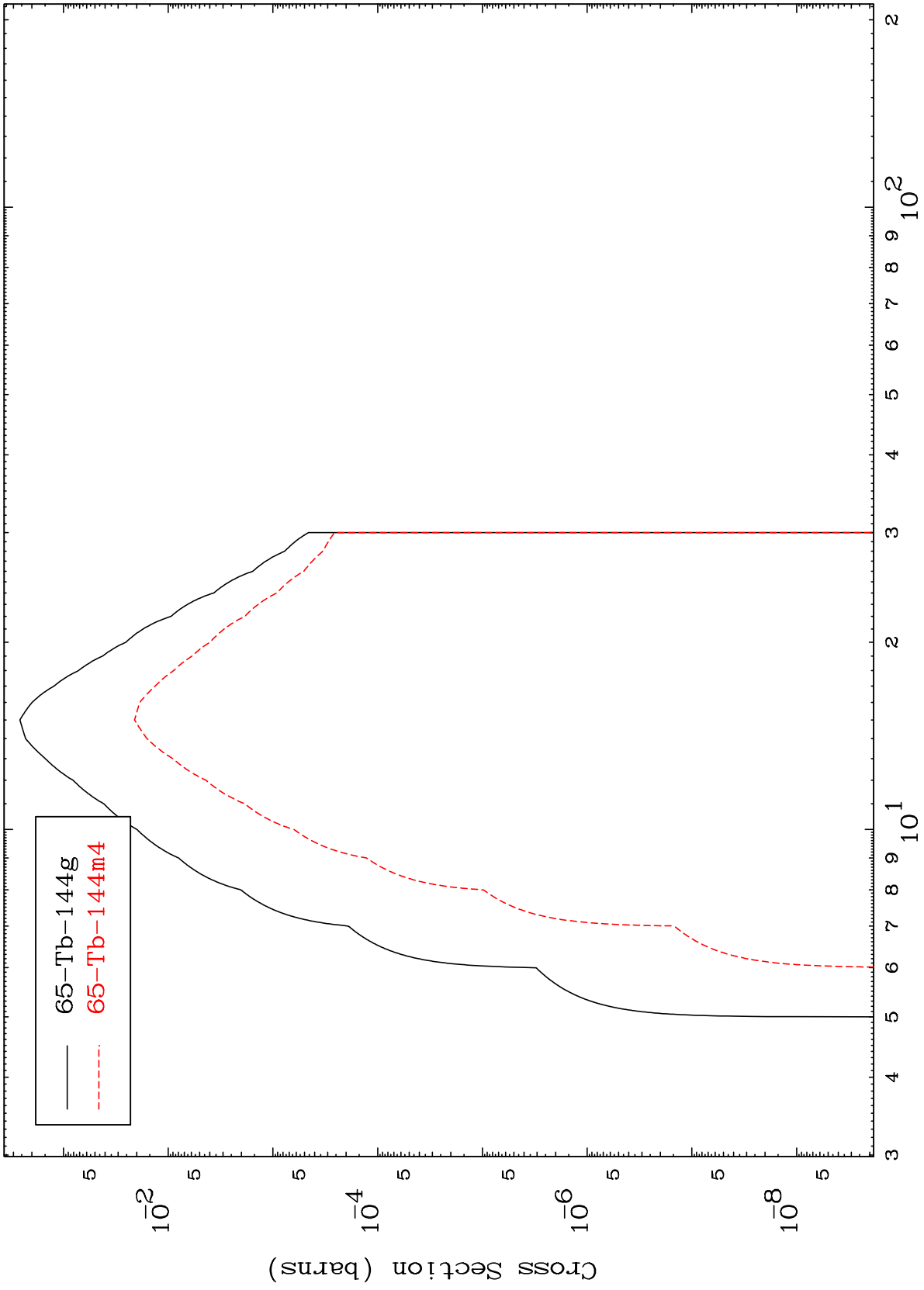
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



17

Incident Energy (MeV)

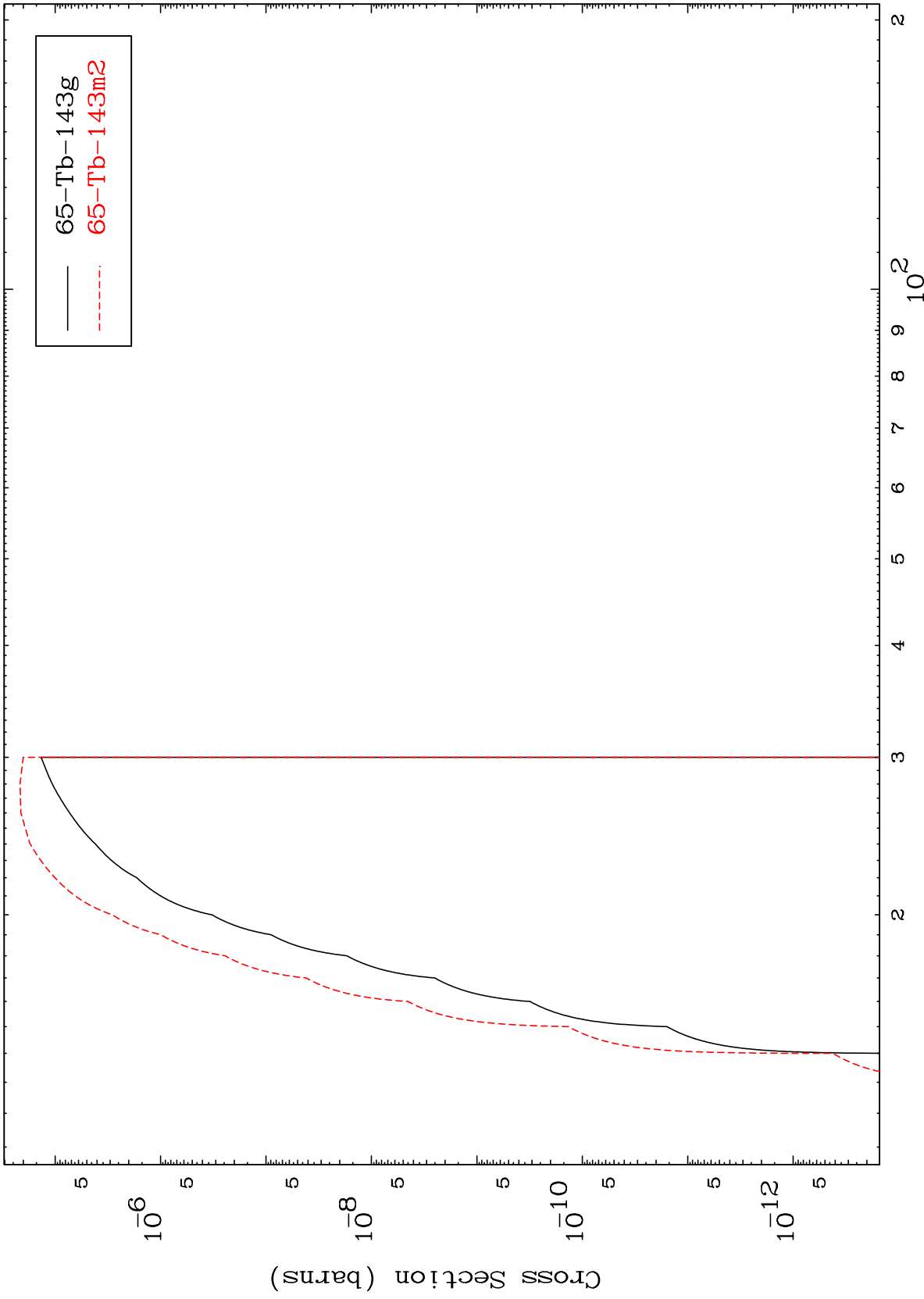
66-Dy-145

MAT 6592

( $\gamma, d$ )

66-Dy-145

Radionuclide Production Cross Section



18

Incident Energy (MeV)

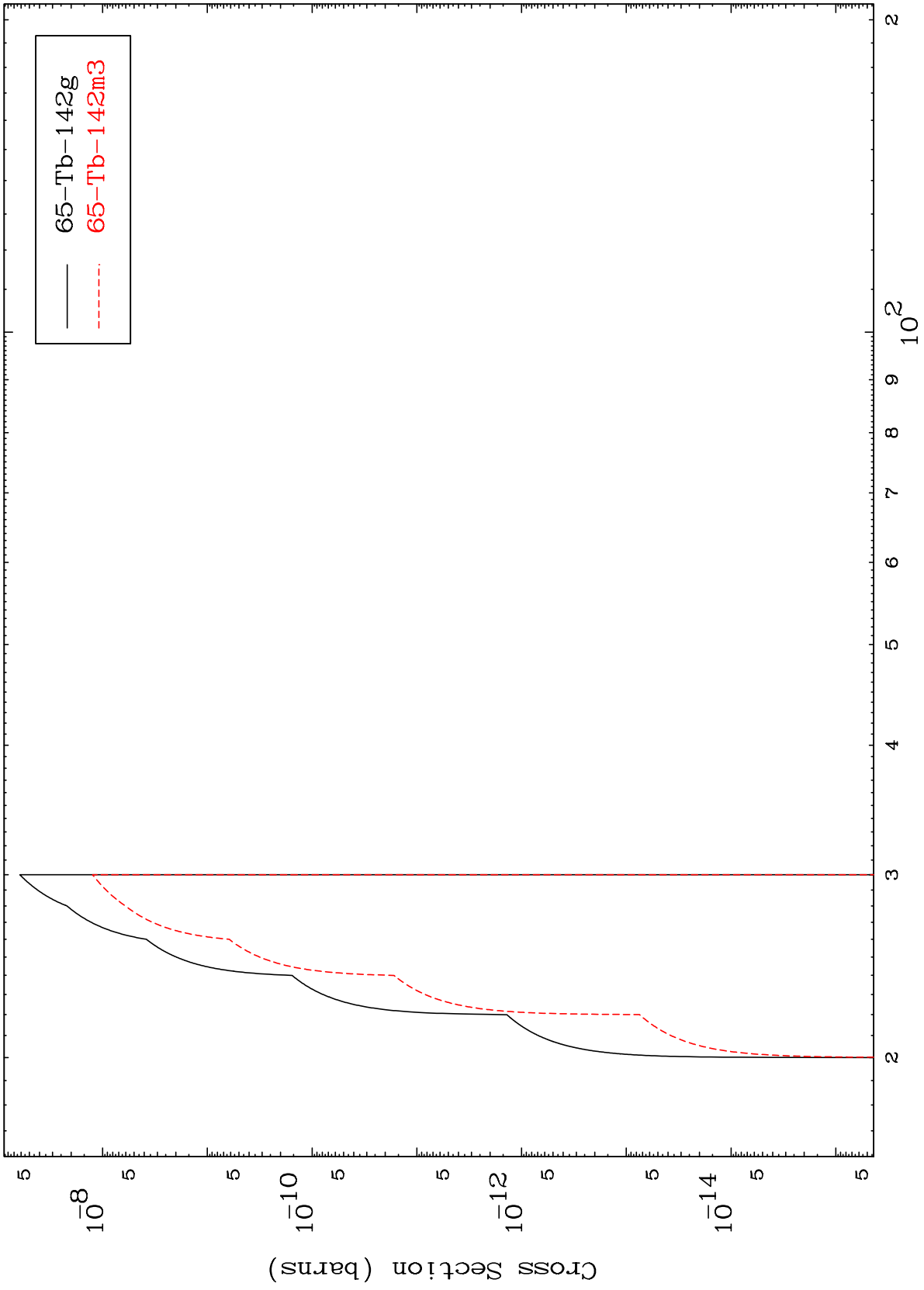
66-Dy-145

MAT 6592

( $\gamma, t$ )

66-Dy-145

Radionuclide Production Cross Section



19

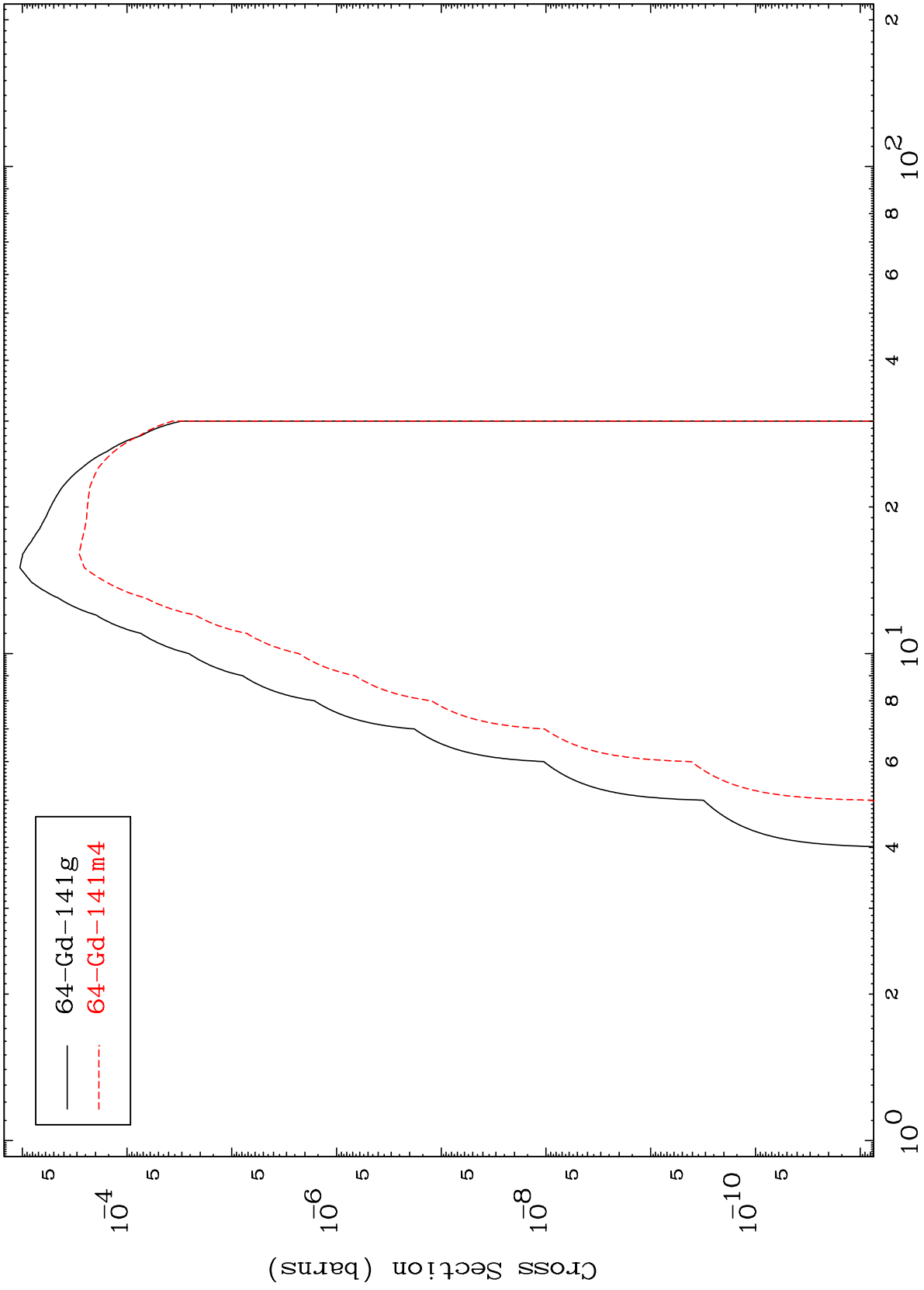
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



64-Gd-141g  
64-Gd-141m4

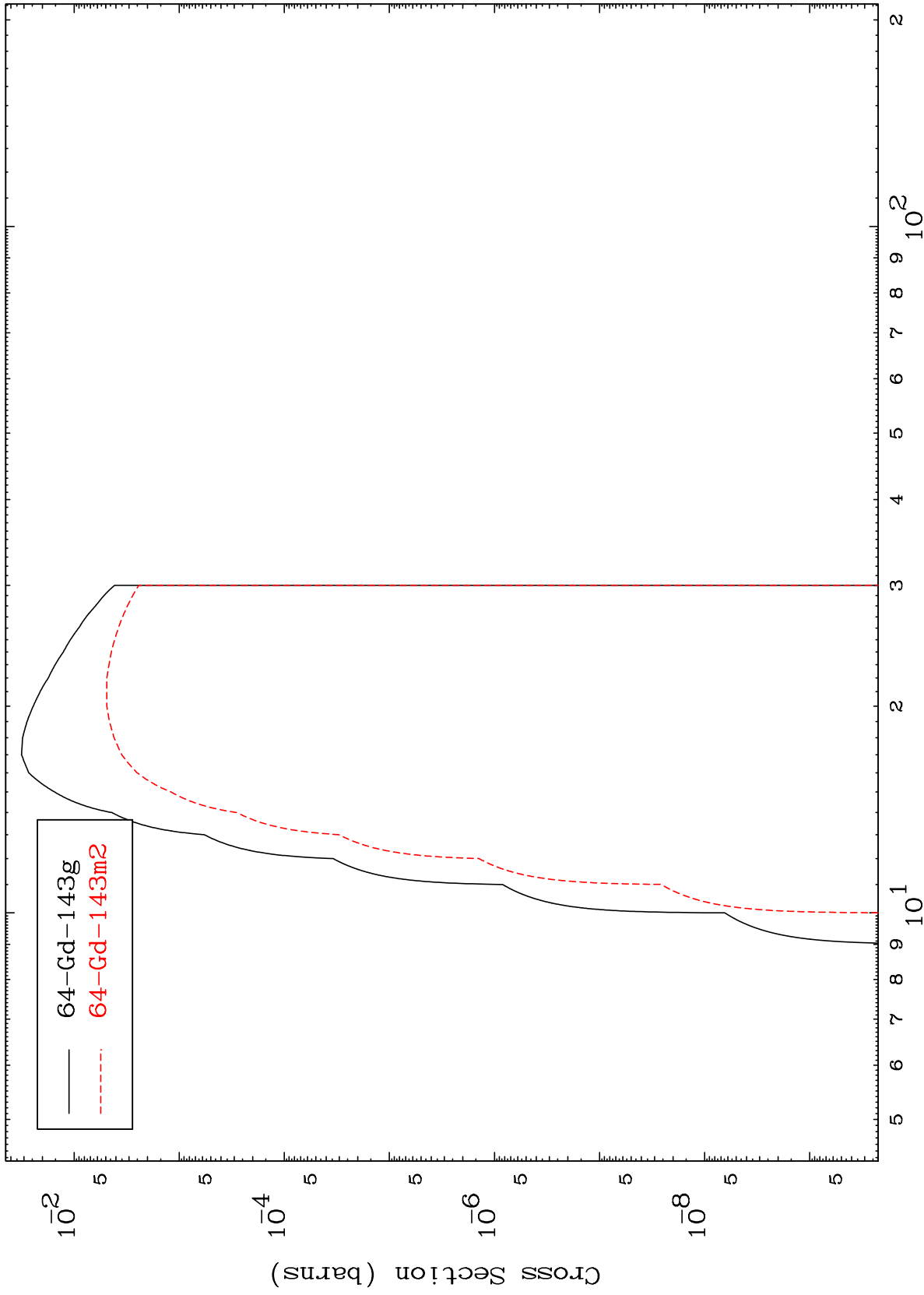
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

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



21

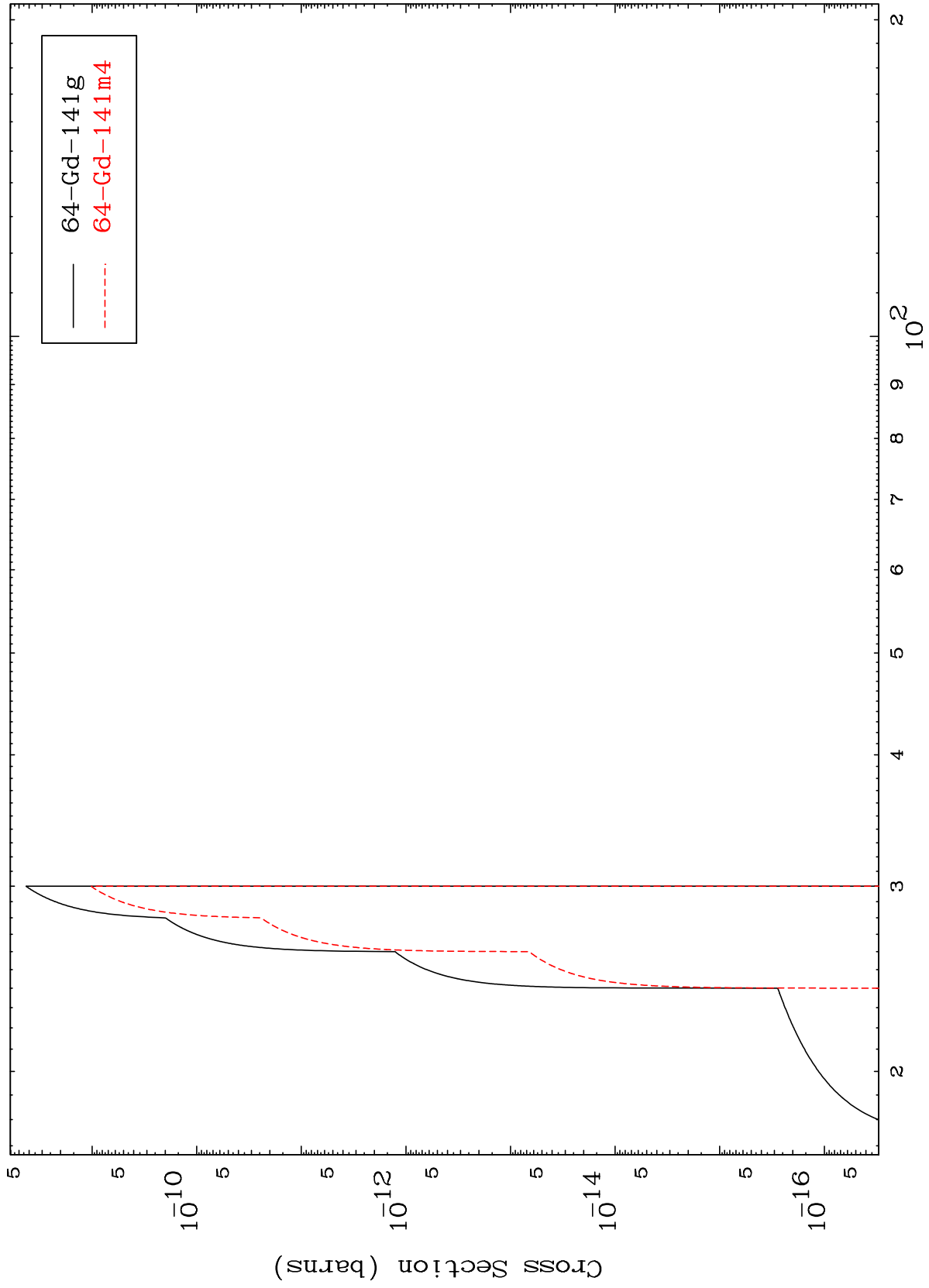
66-Dy-145

MAT 6592

( $\gamma, p$ ) t

66-Dy-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

66-Dy-145