

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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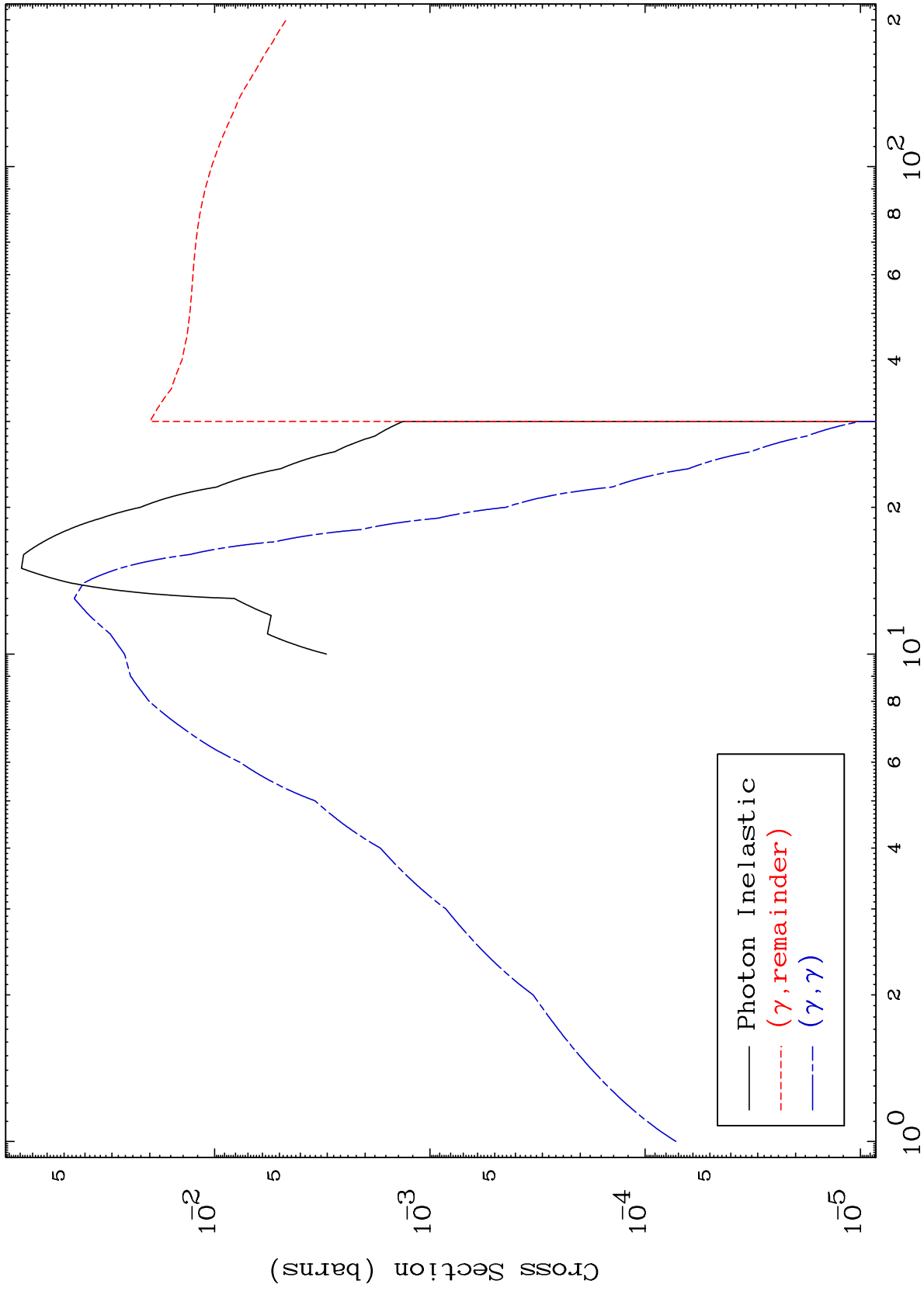
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

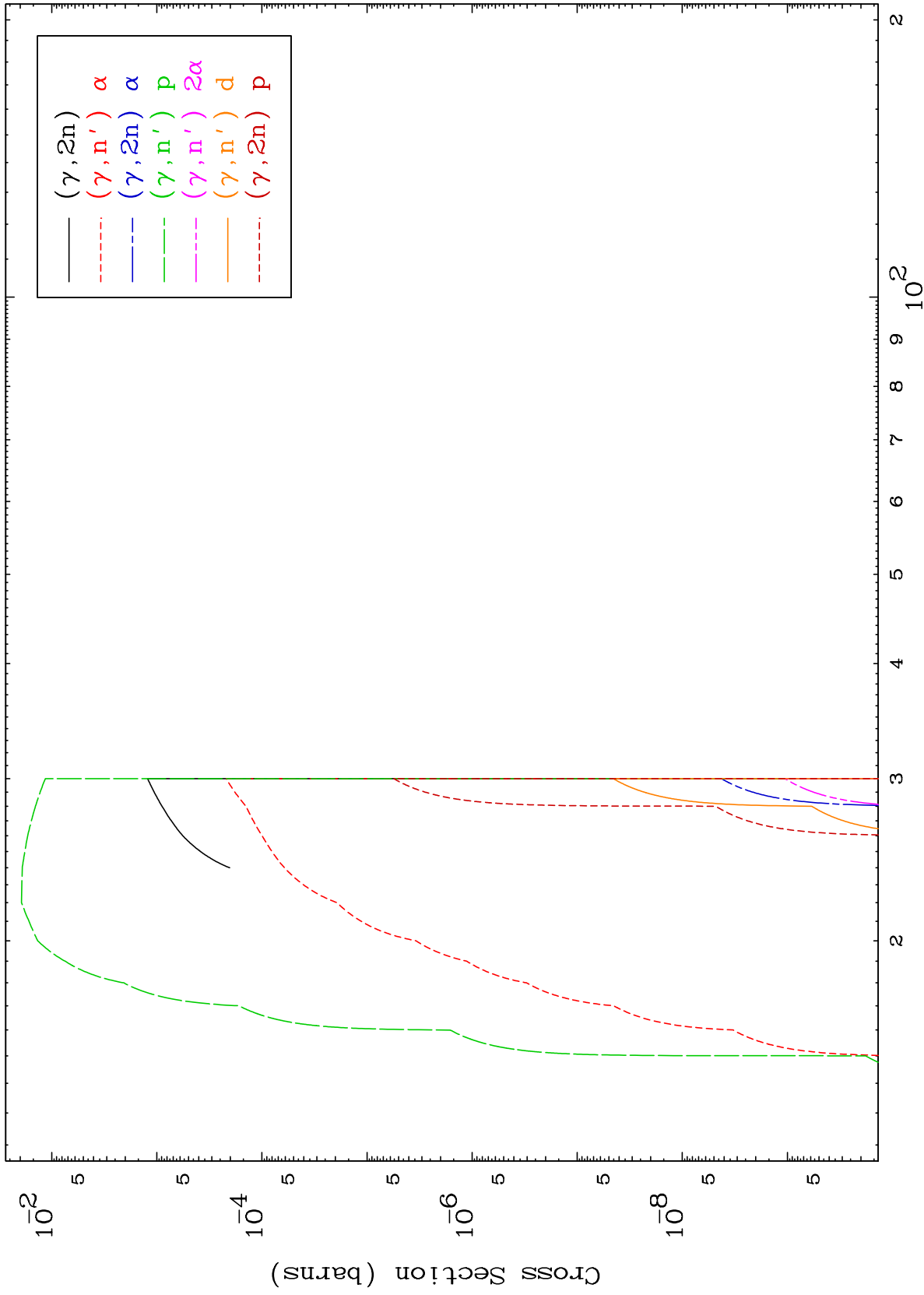
MAT 6598

Photon Major  
0 Kelvin Cross Sections

66-Dy-147



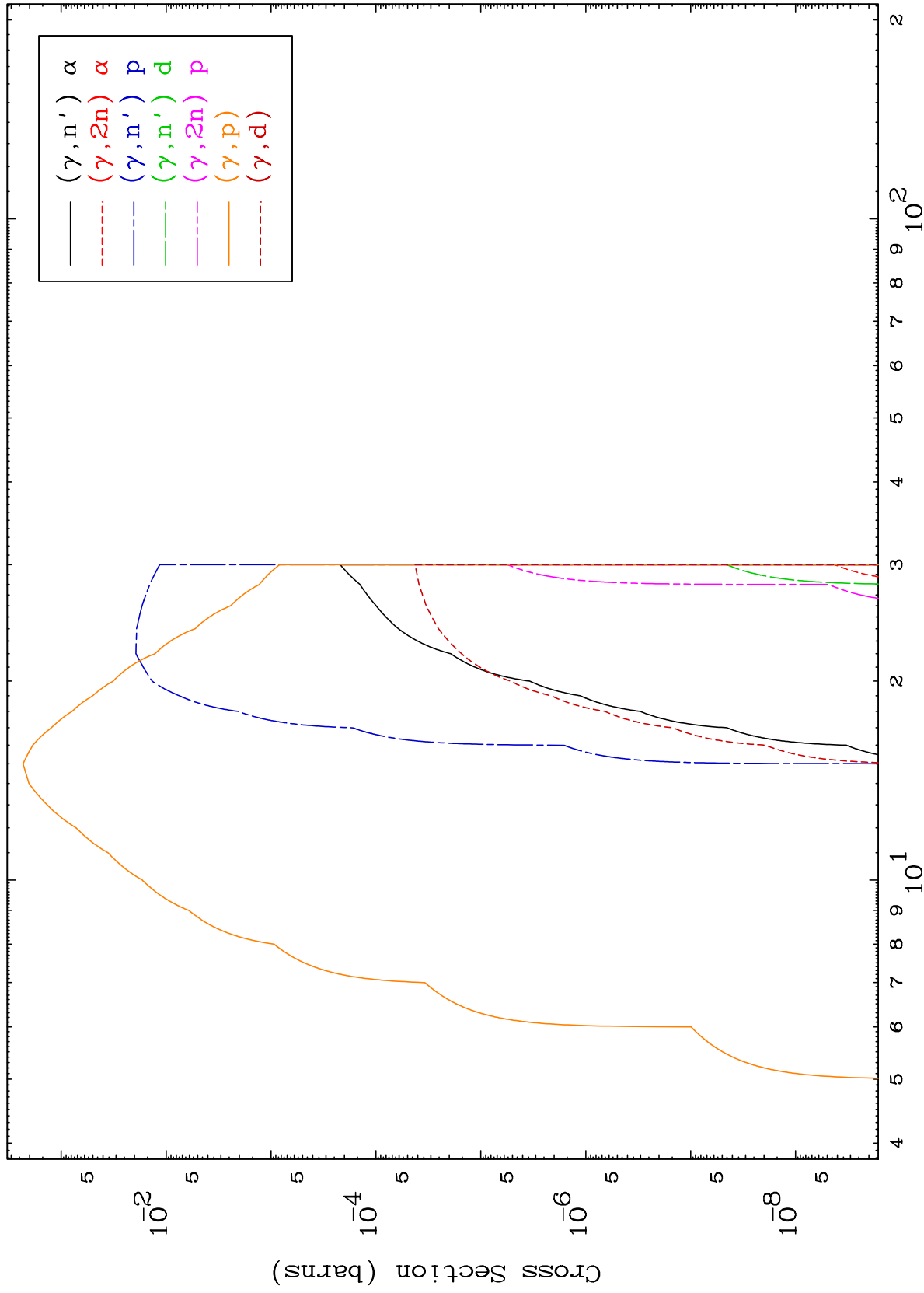
66-Dy-147



MAT 6598

Photon Charged Particle  
0 Kelvin Cross Sections

66-Dy-147



3

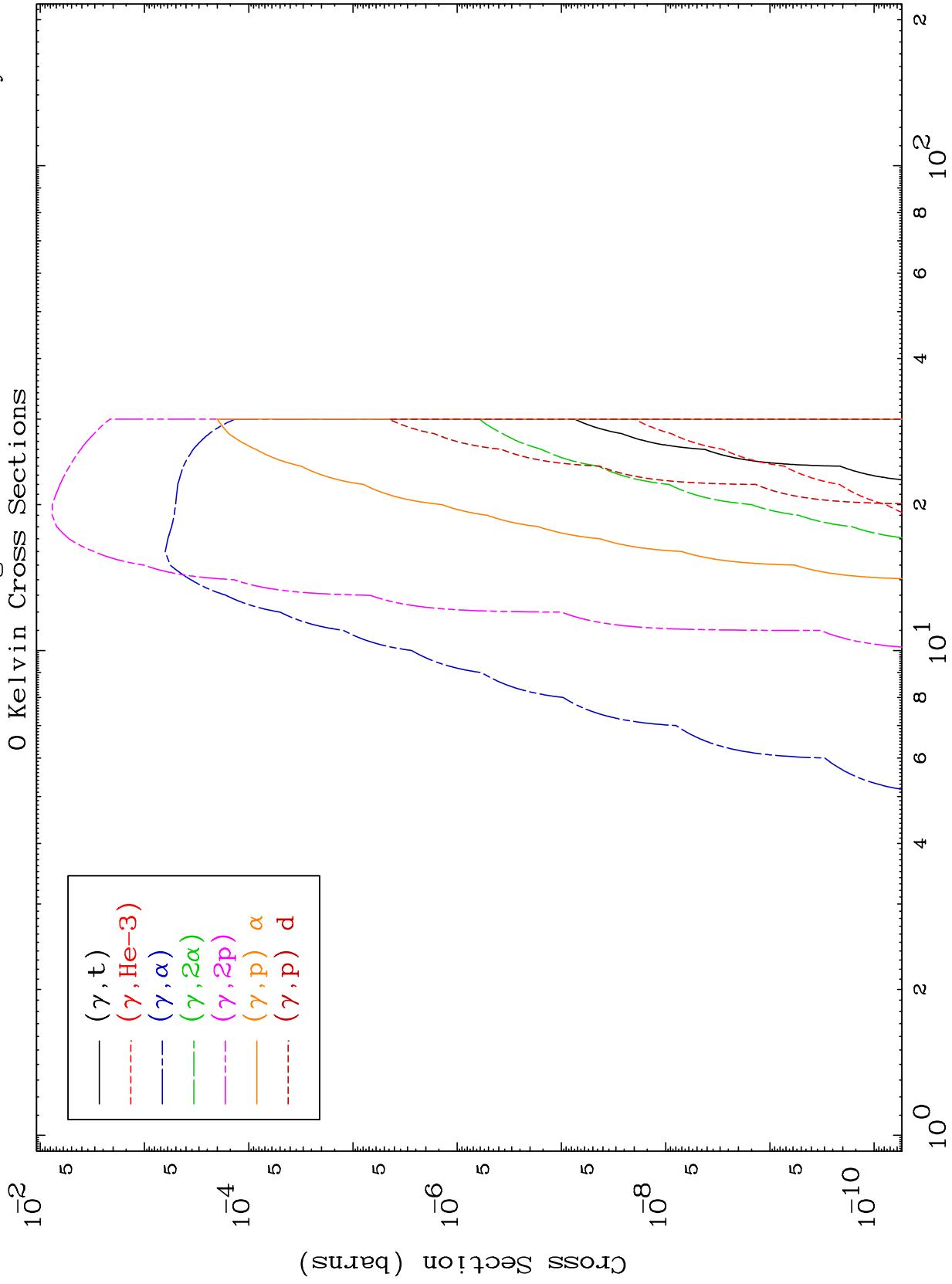
Incident Energy (MeV)

66-Dy-147

MAT 6598

Photon Charged Particle  
0 Kelvin Cross Sections

66-Dy-147



66-Dy-147

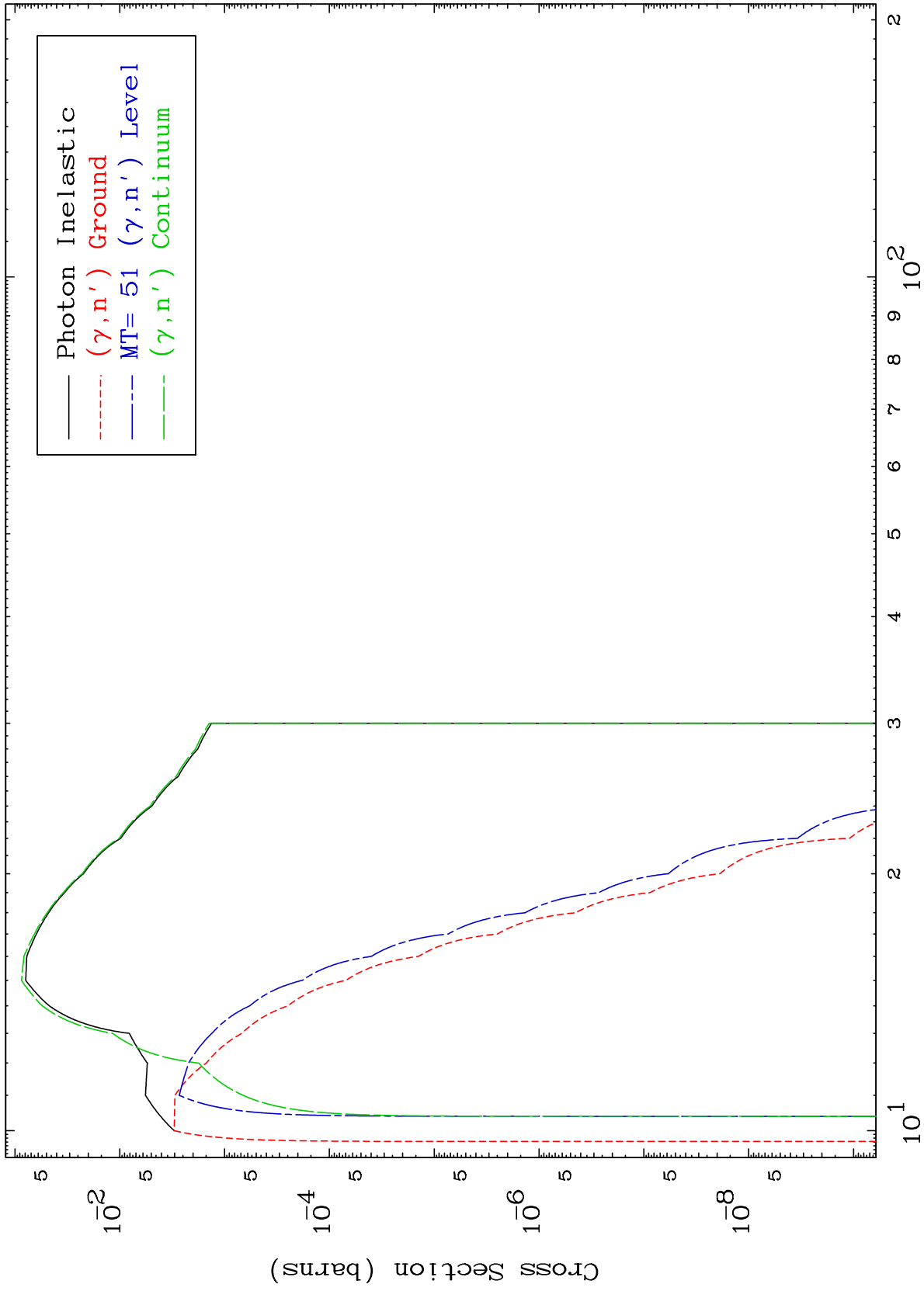
Incident Energy (MeV)

4

MAT 6598

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

66-Dy-147



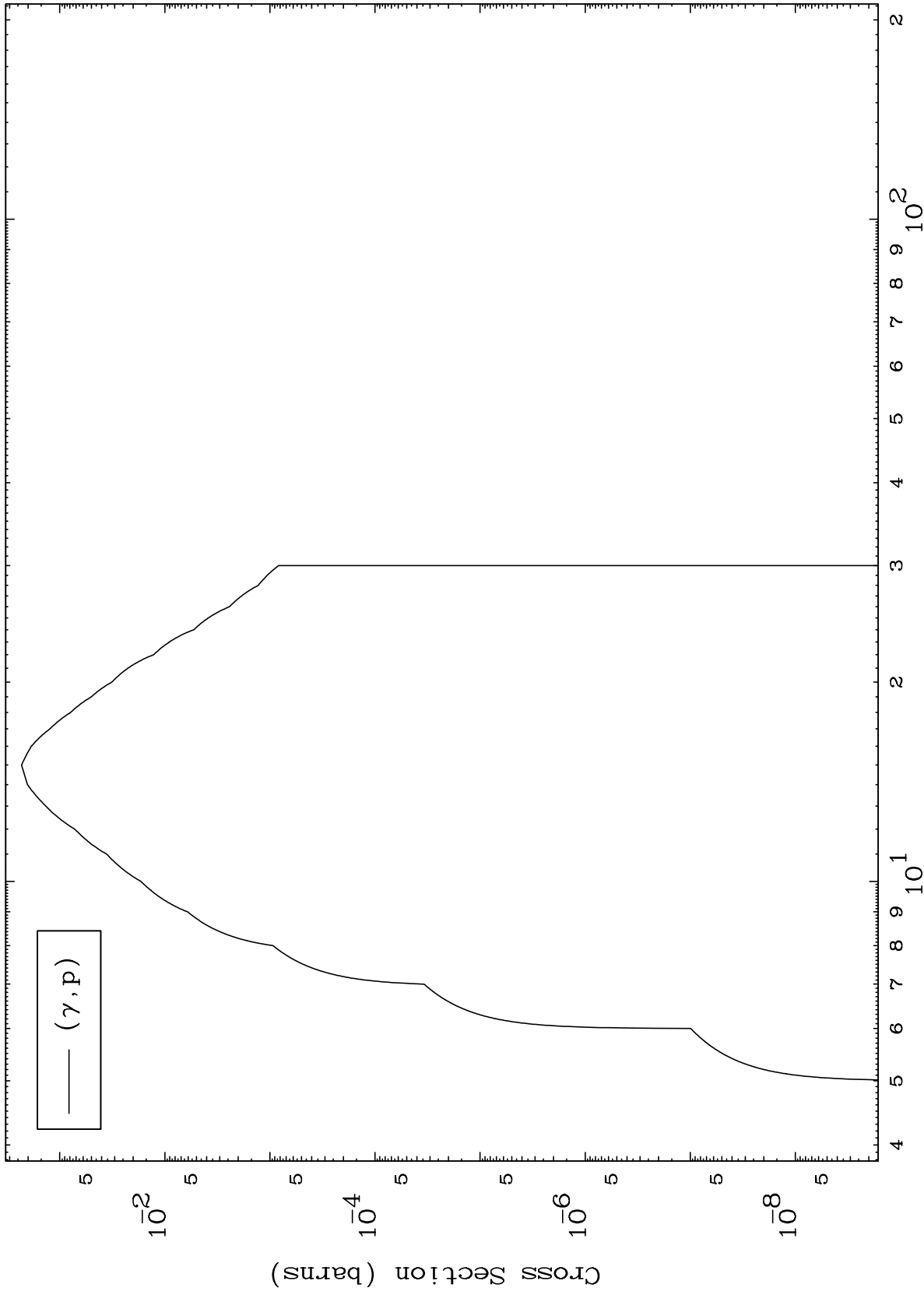
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



6

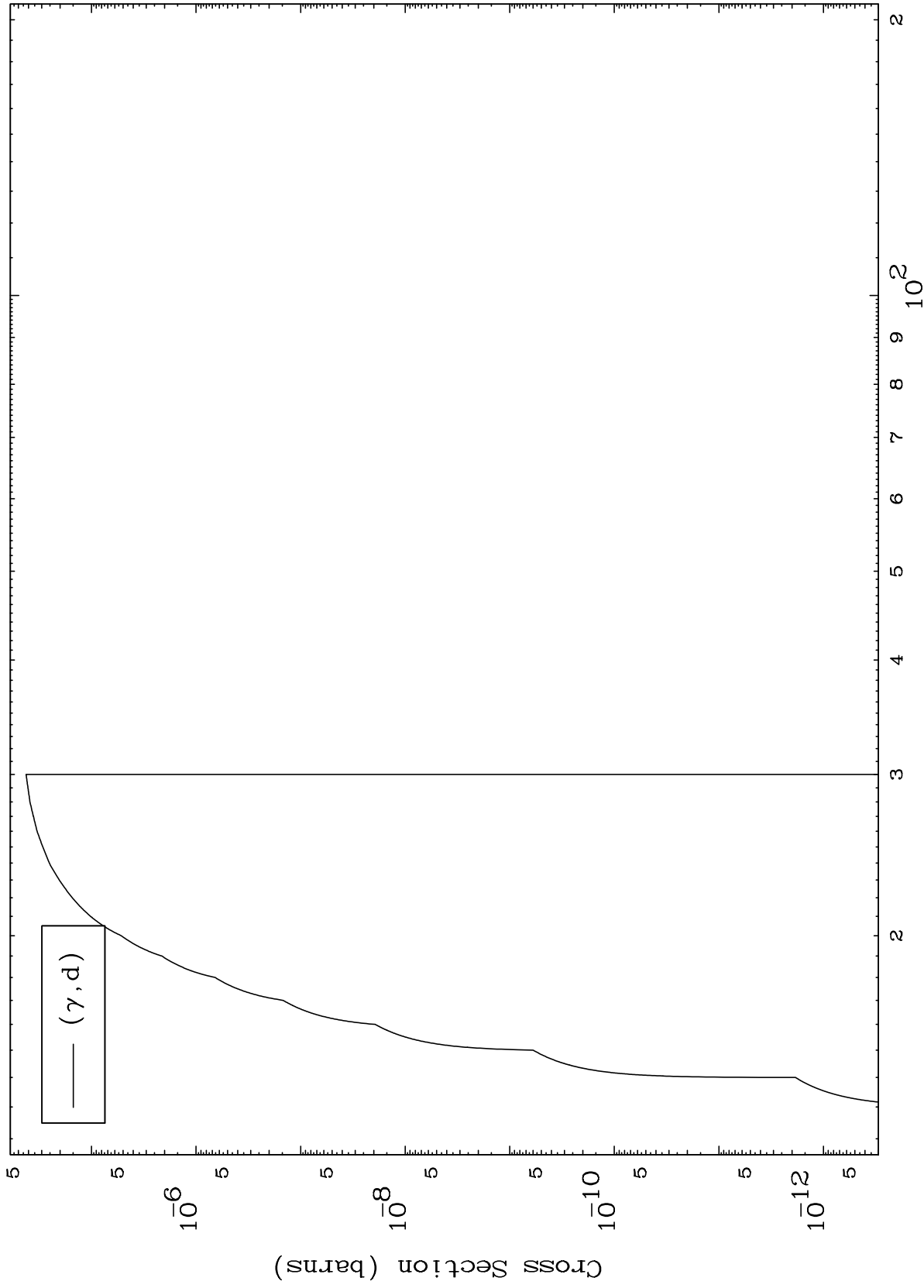
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



7

Incident Energy (MeV)

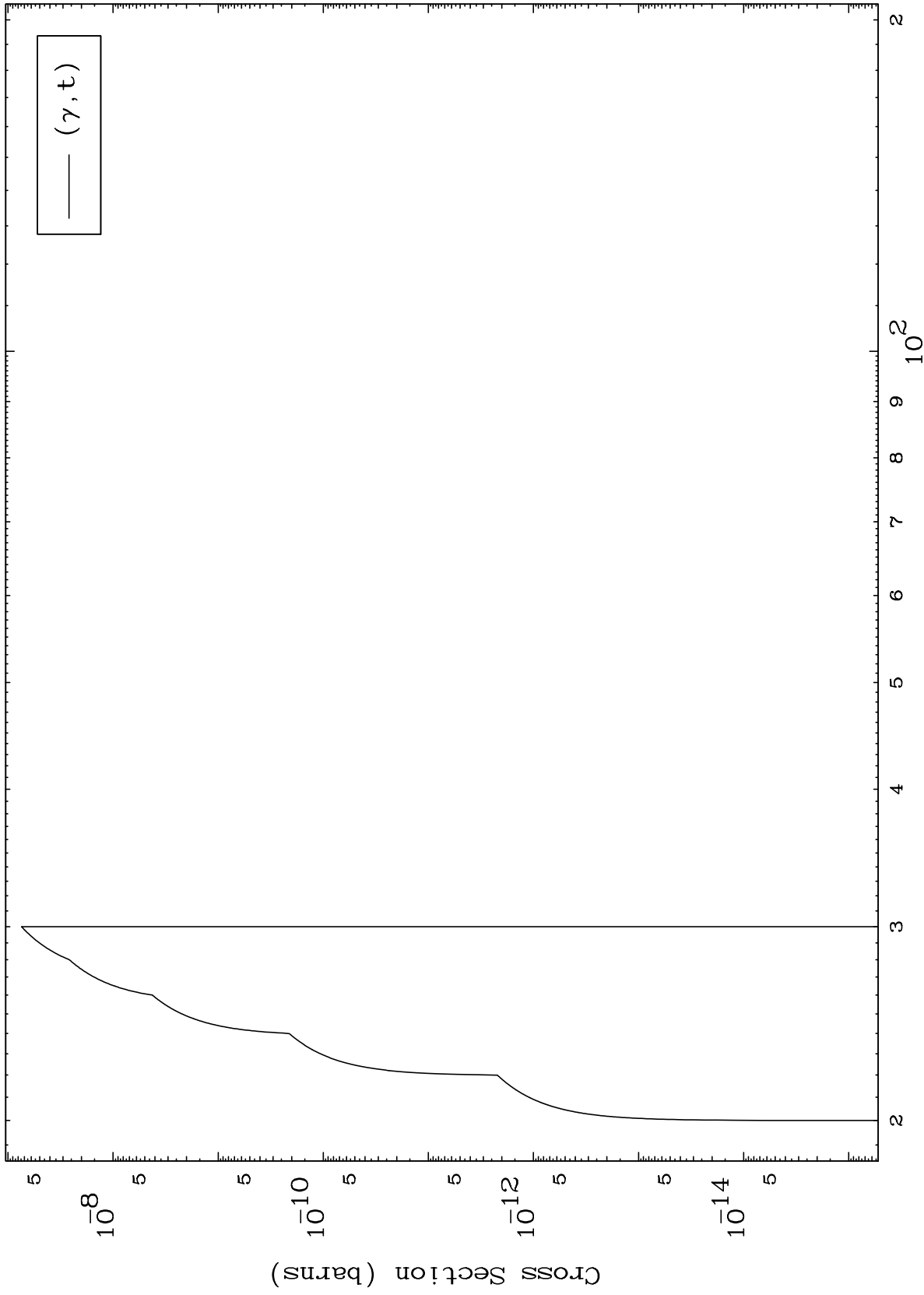
66-Dy-147



MAT 6598

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

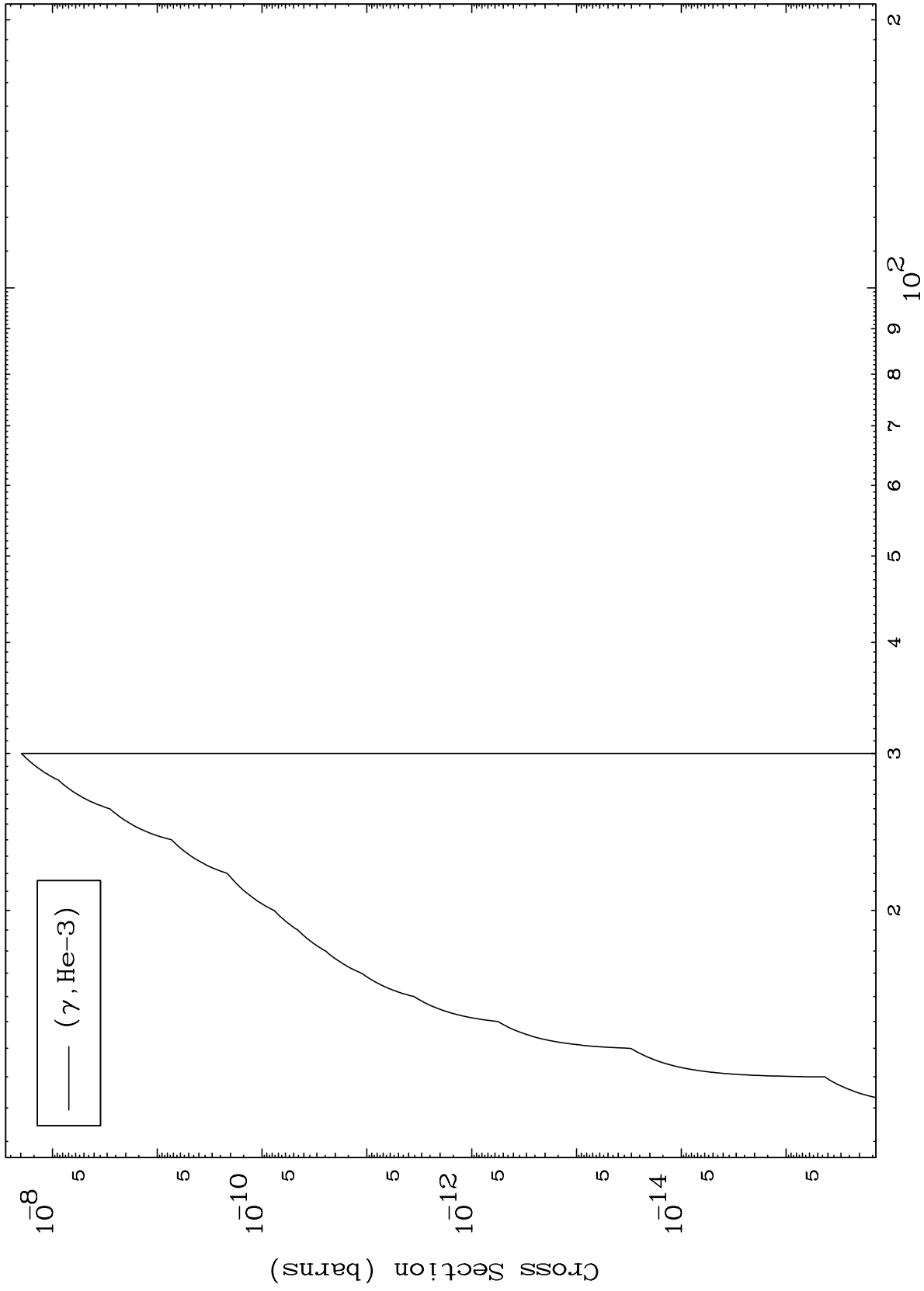
66-Dy-147



8

Incident Energy (MeV)

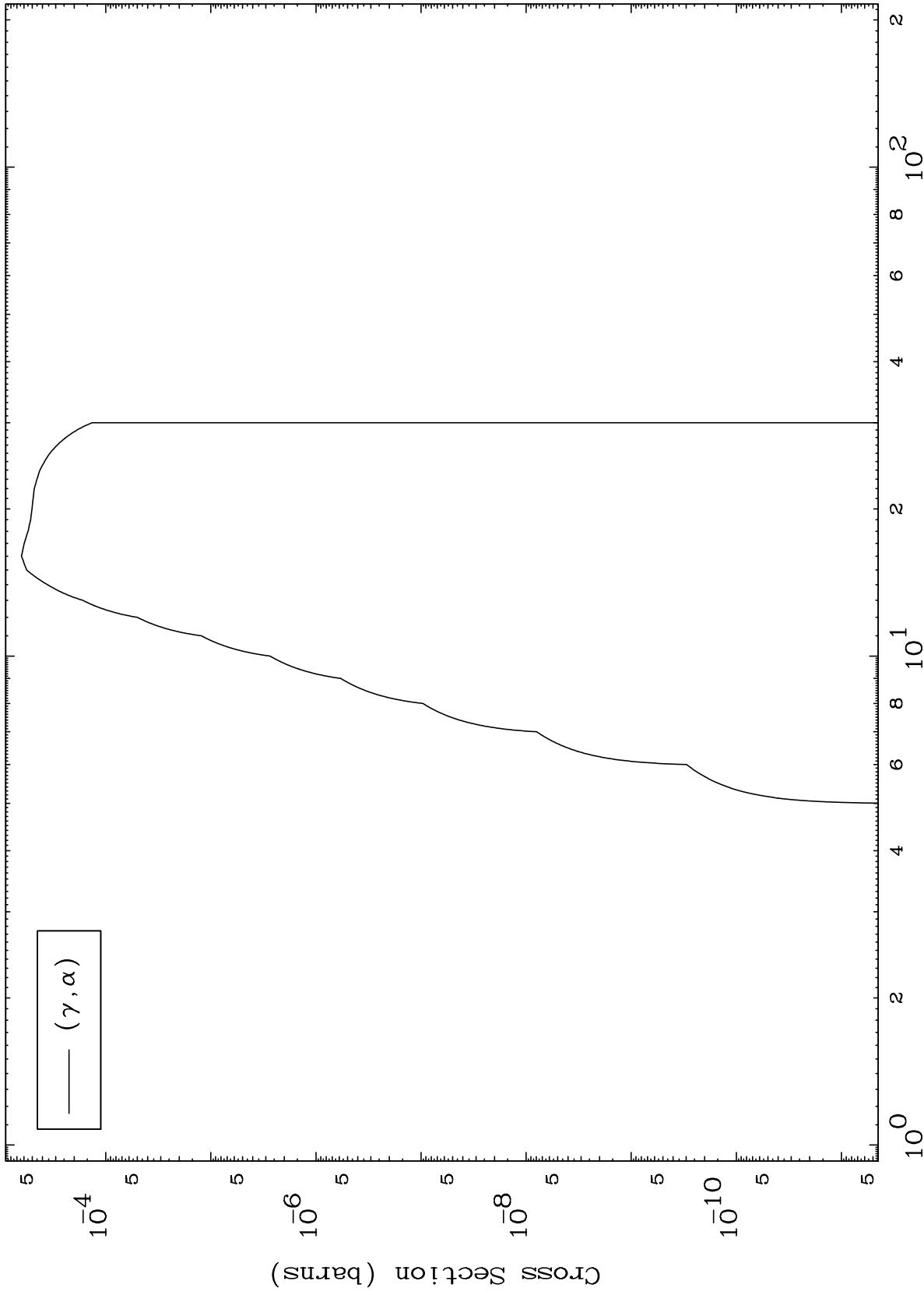
66-Dy-147



MAT 6598

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

66-Dy-147



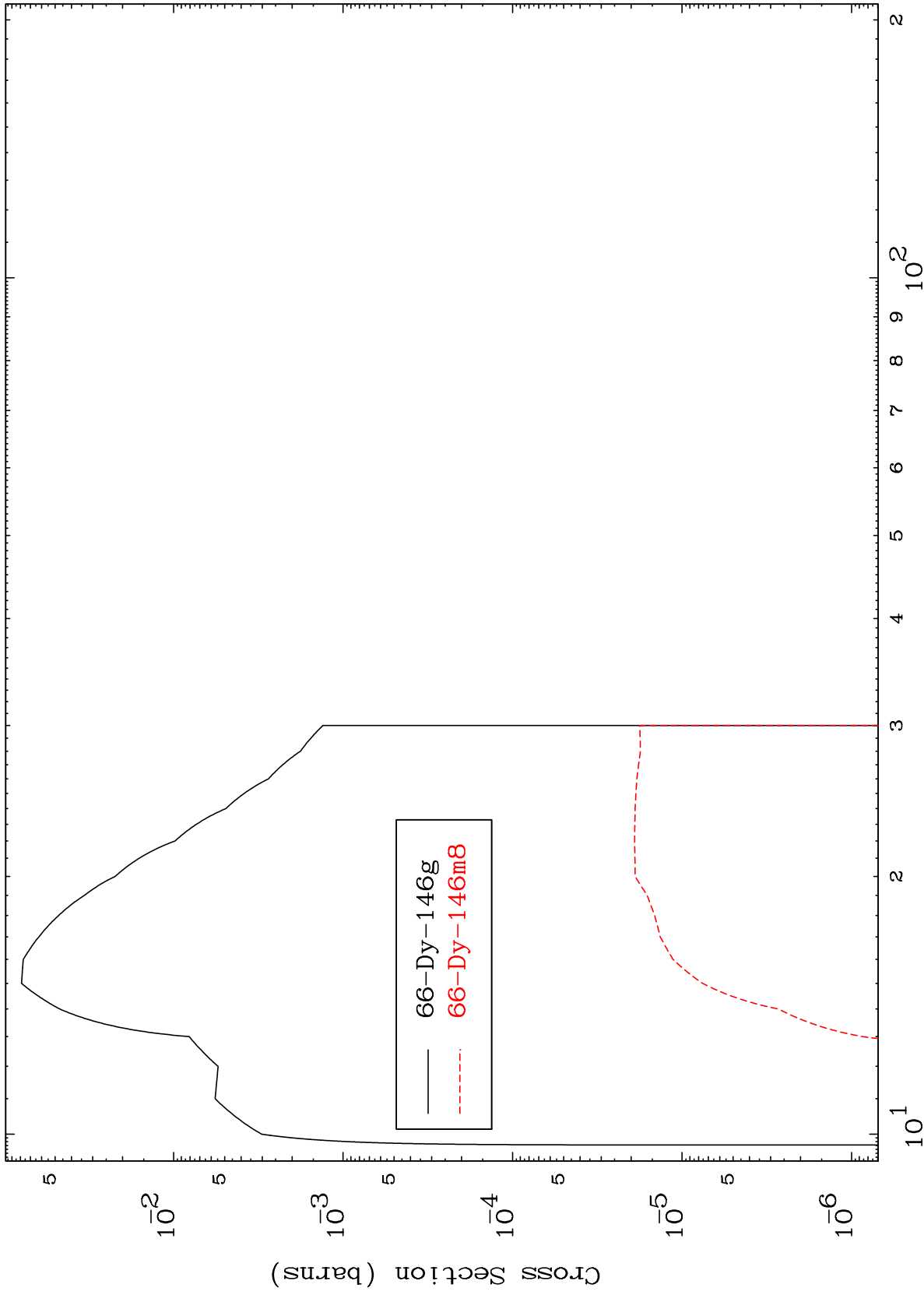
Incident Energy (MeV)

66-Dy-147

MAT 6598

Photon Inelastic  
Radionuclide Production Cross Section

66-Dy-147



11

Incident Energy (MeV)

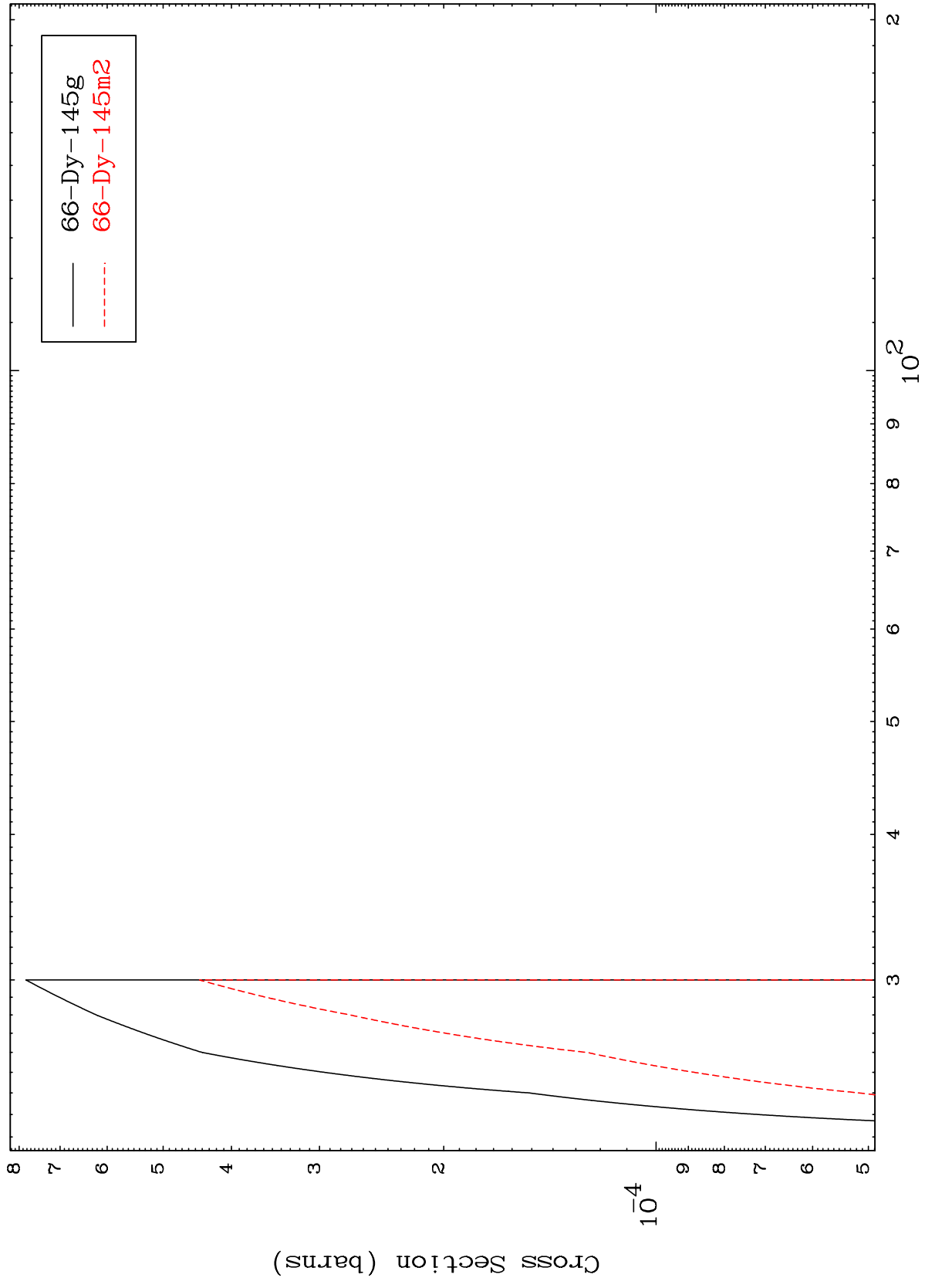
66-Dy-147

MAT 6598

( $\gamma, 2n$ )

66-Dy-147

Radionuclide Production Cross Section



66-Dy-145g  
66-Dy-145m2

12

Incident Energy (MeV)

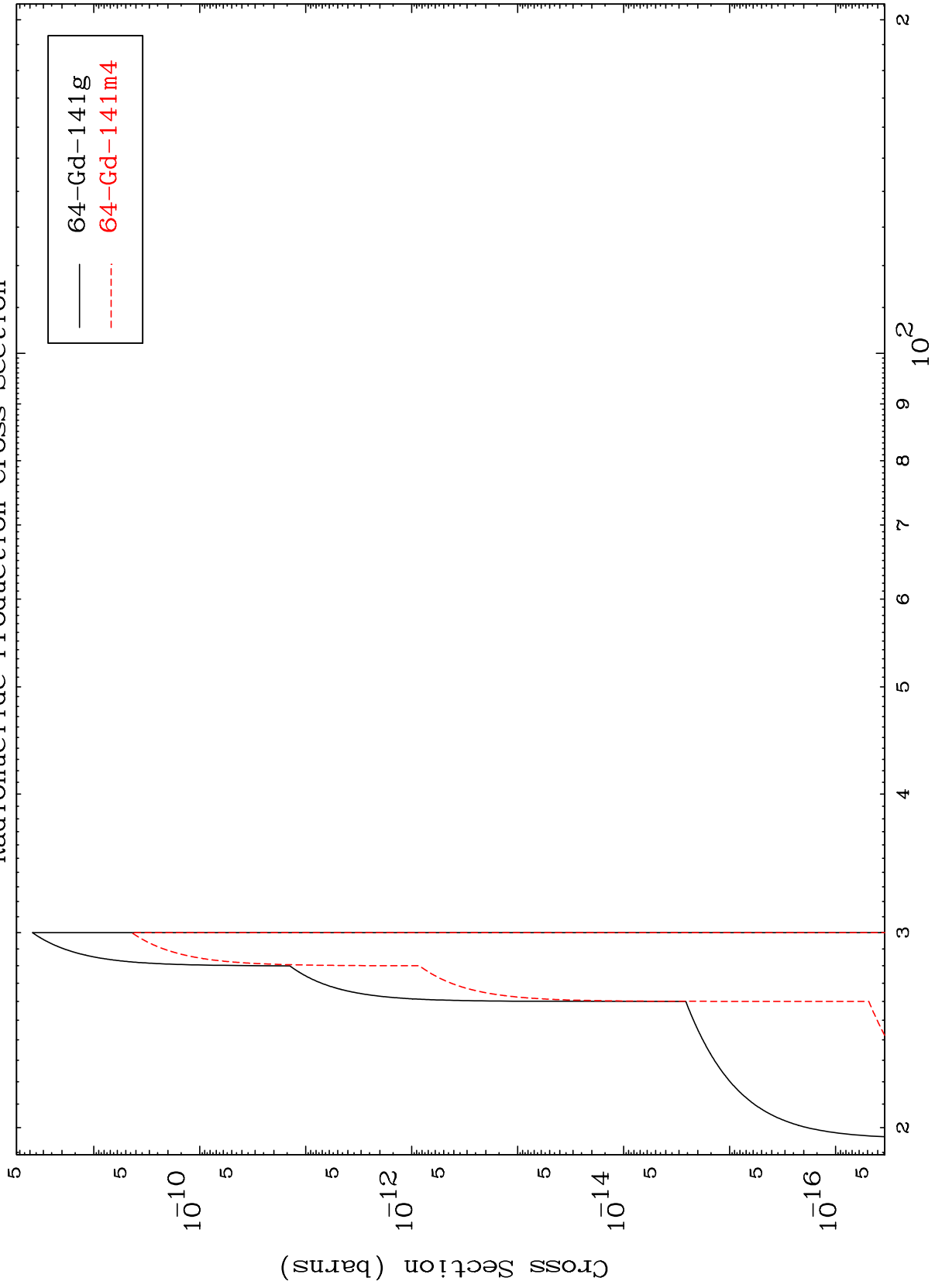
66-Dy-147

MAT 6598

$(\gamma, 2n) \alpha$

66-Dy-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

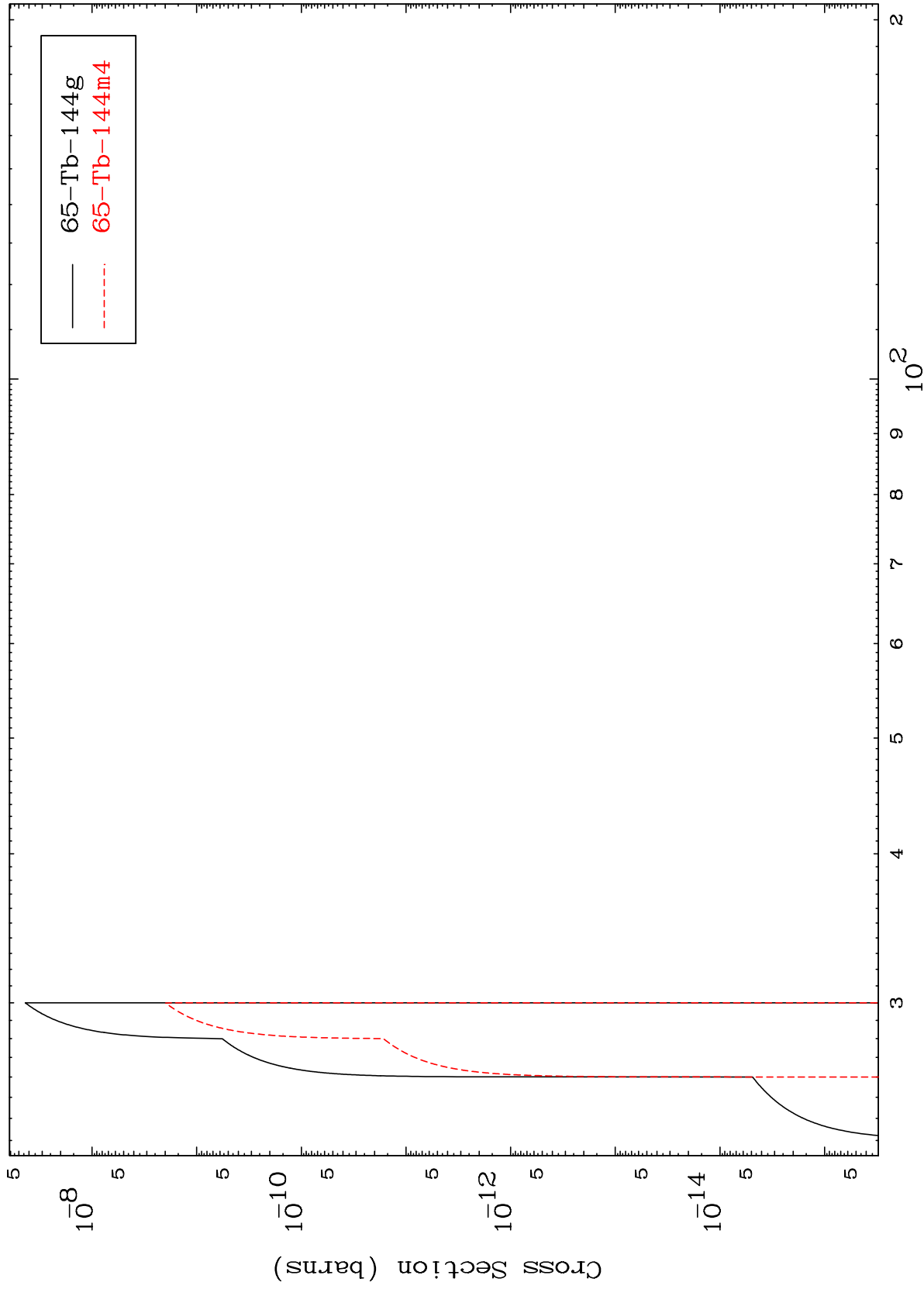
66-Dy-147

MAT 6598

( $\gamma, n'$ ) d

66-Dy-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

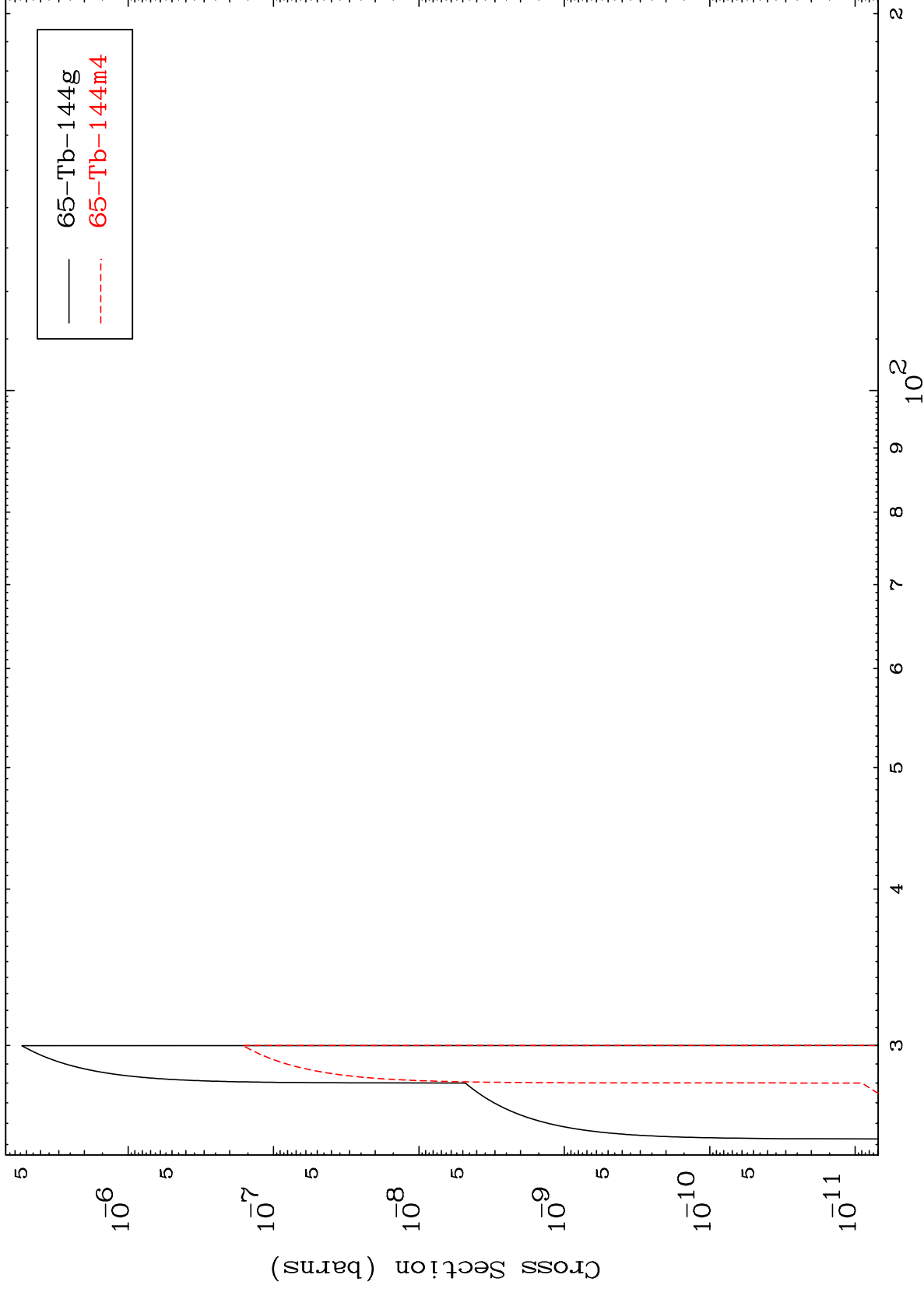
66-Dy-147

MAT 6598

$(\gamma, 2n)$  p

66-Dy-147

Radionuclide Production Cross Section



15

Incident Energy (MeV)

66-Dy-147

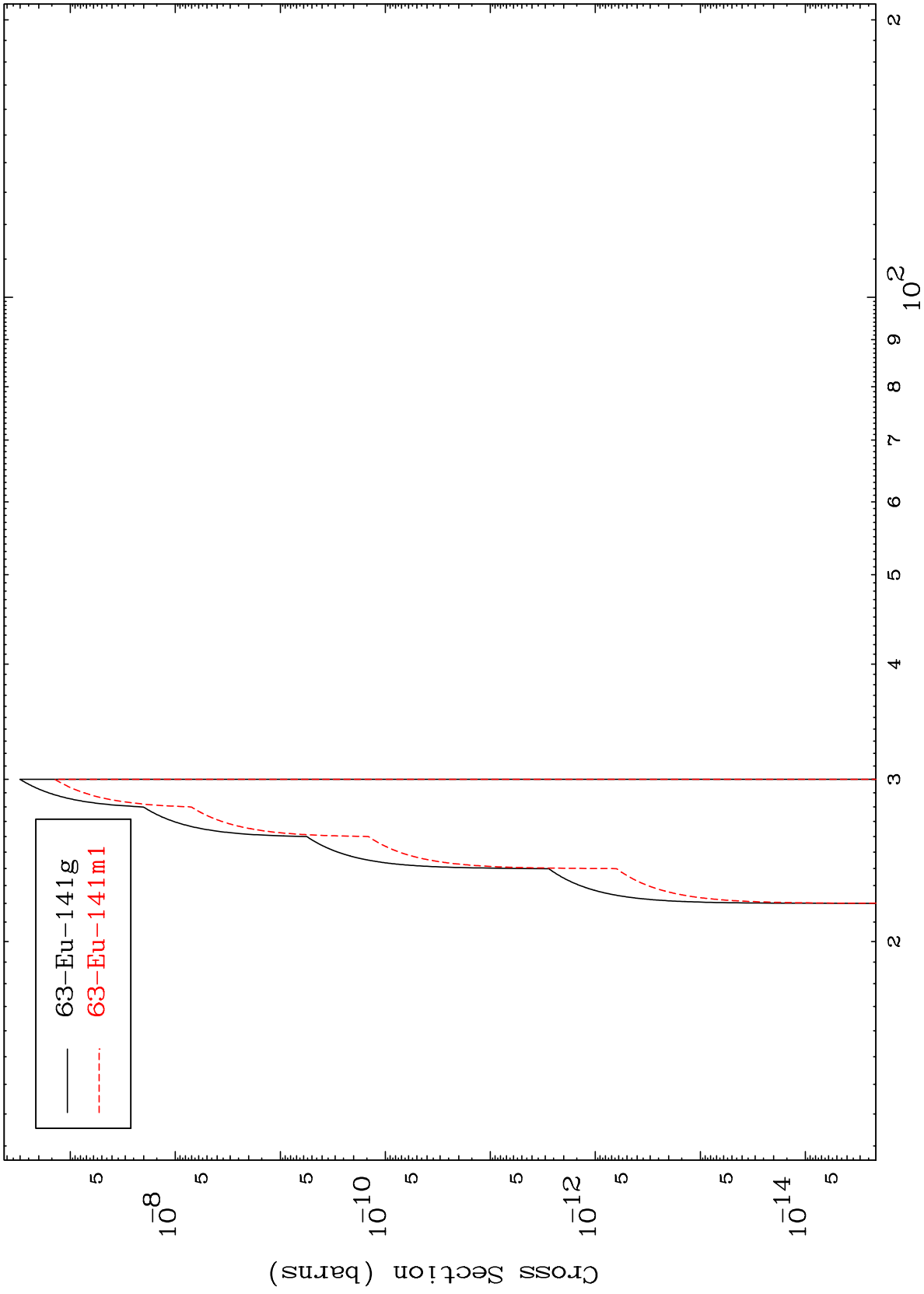


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( $\gamma, n'$ ) p  $\alpha$

66-Dy-147

Radionuclide Production Cross Section



16

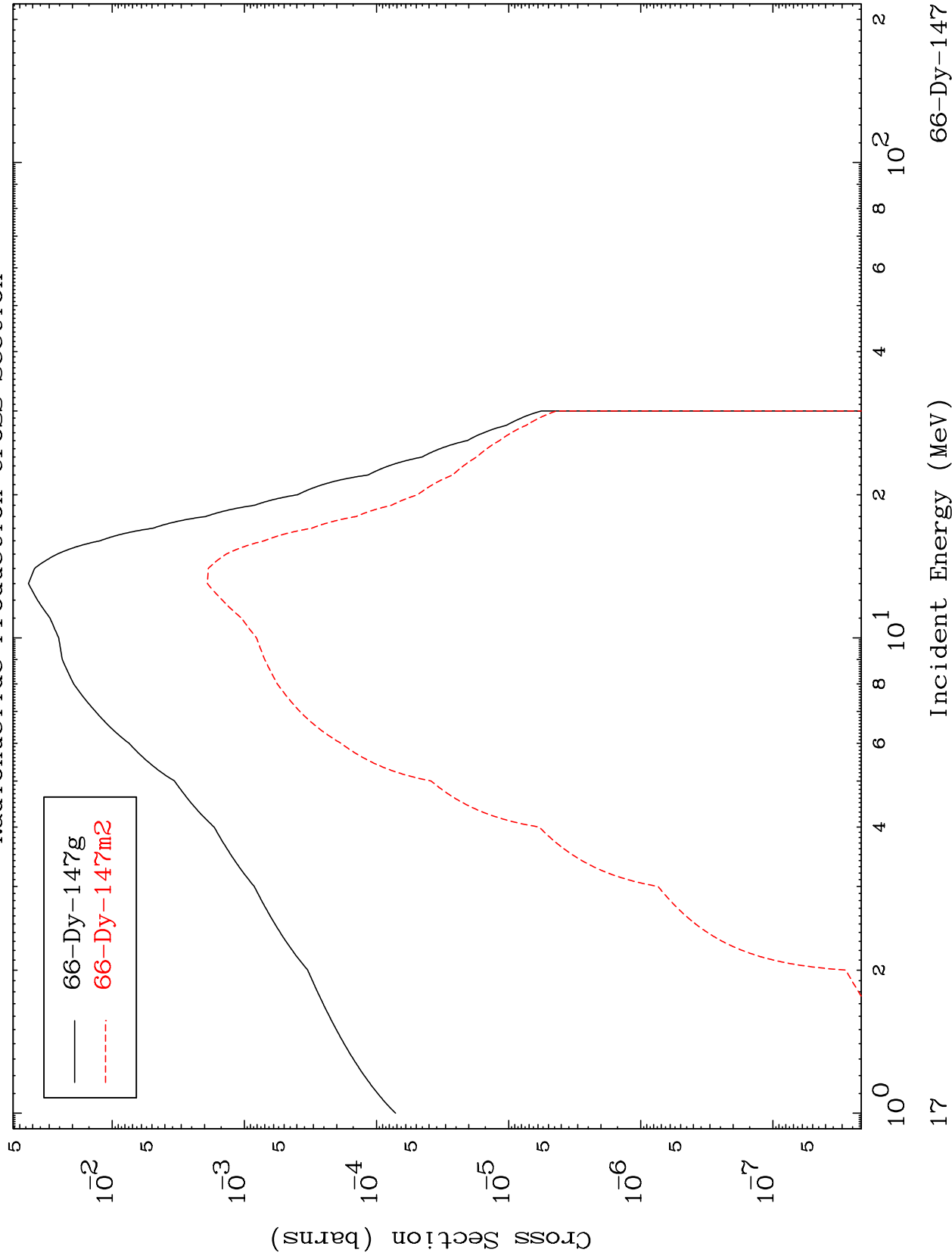
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147

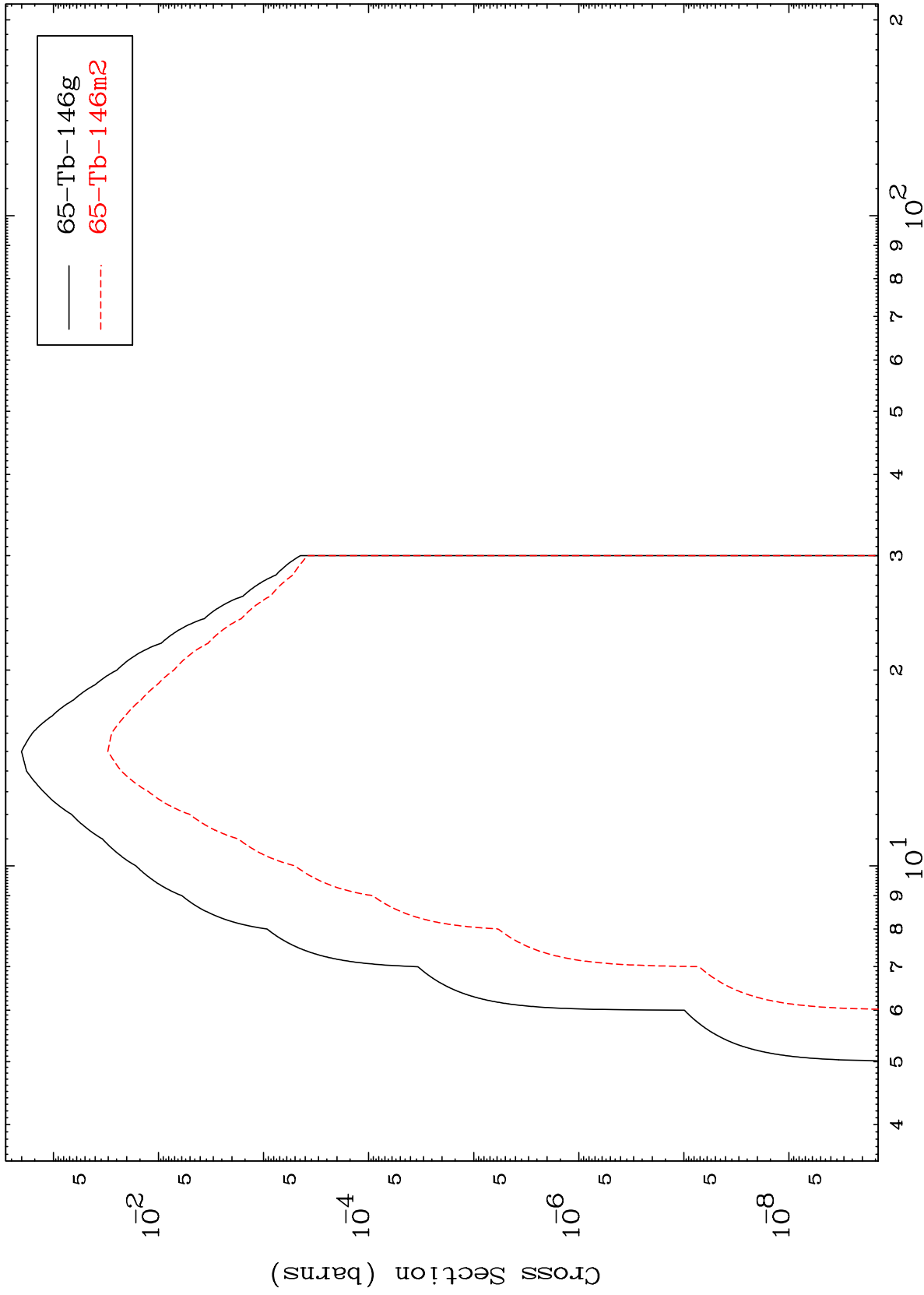


66-Dy-147

MAT 6598

66-Dy-147

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



18

Incident Energy (MeV)

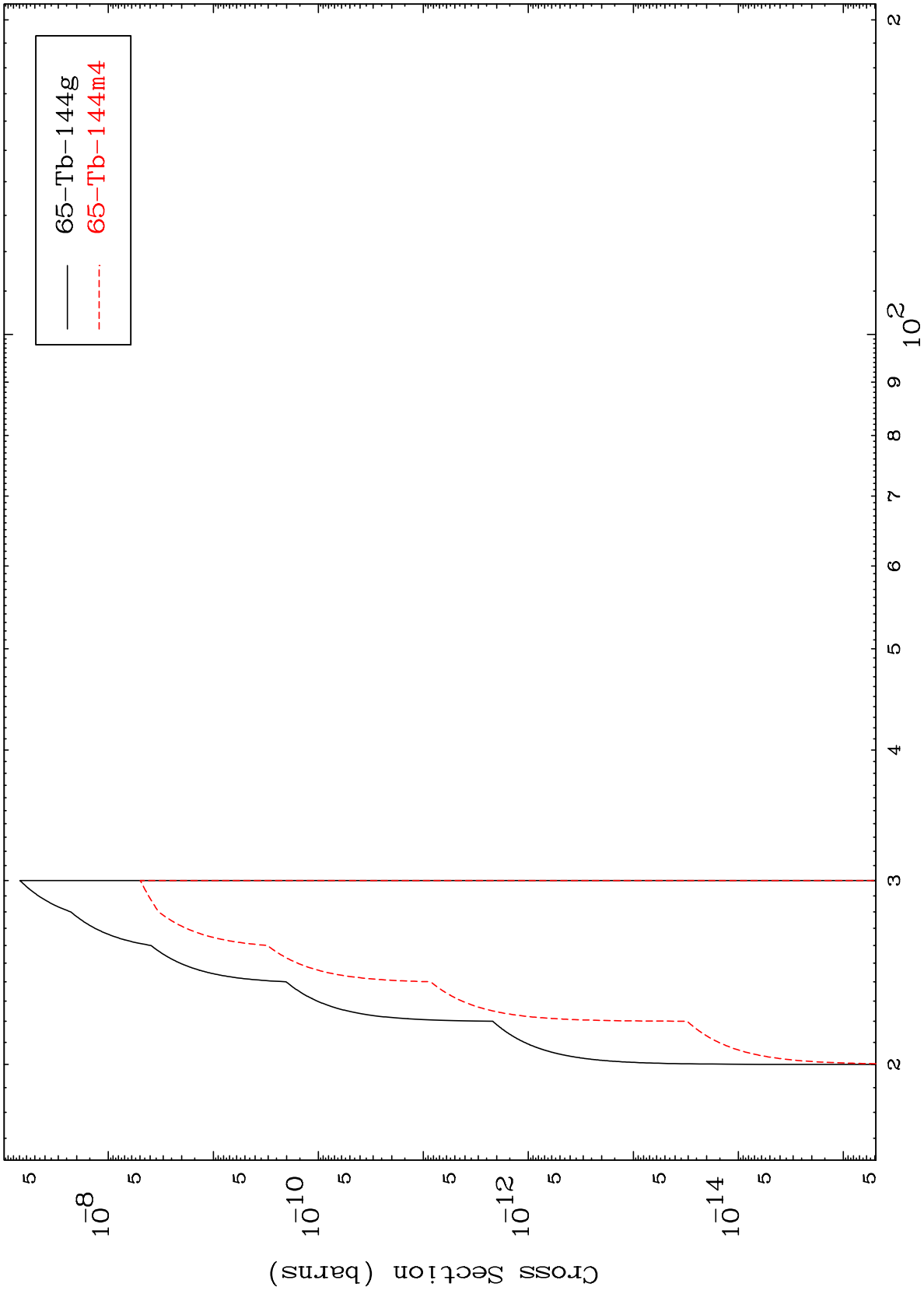
66-Dy-147

MAT 6598

( $\gamma, t$ )

66-Dy-147

Radionuclide Production Cross Section



19

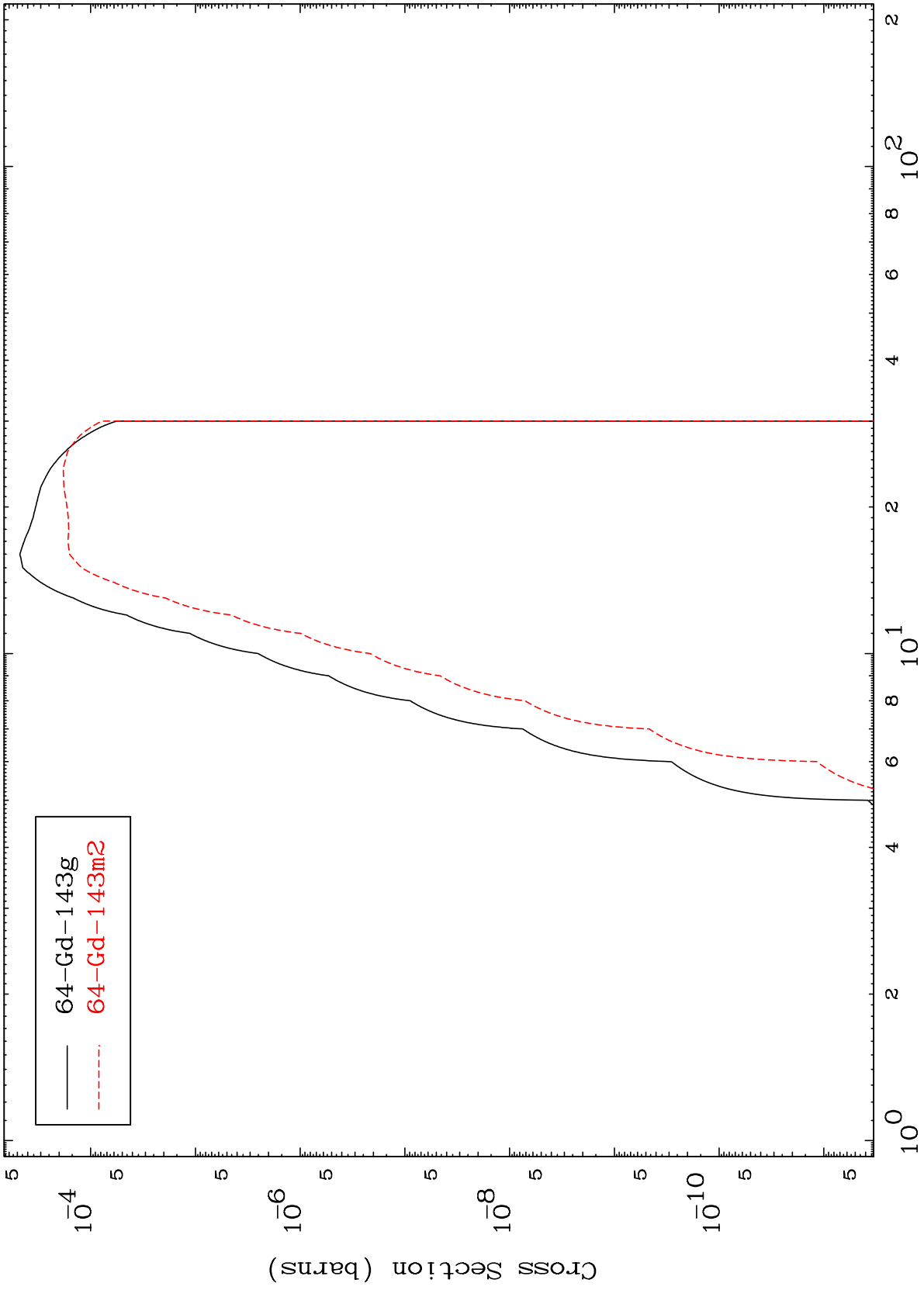
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



Incident Energy (MeV)

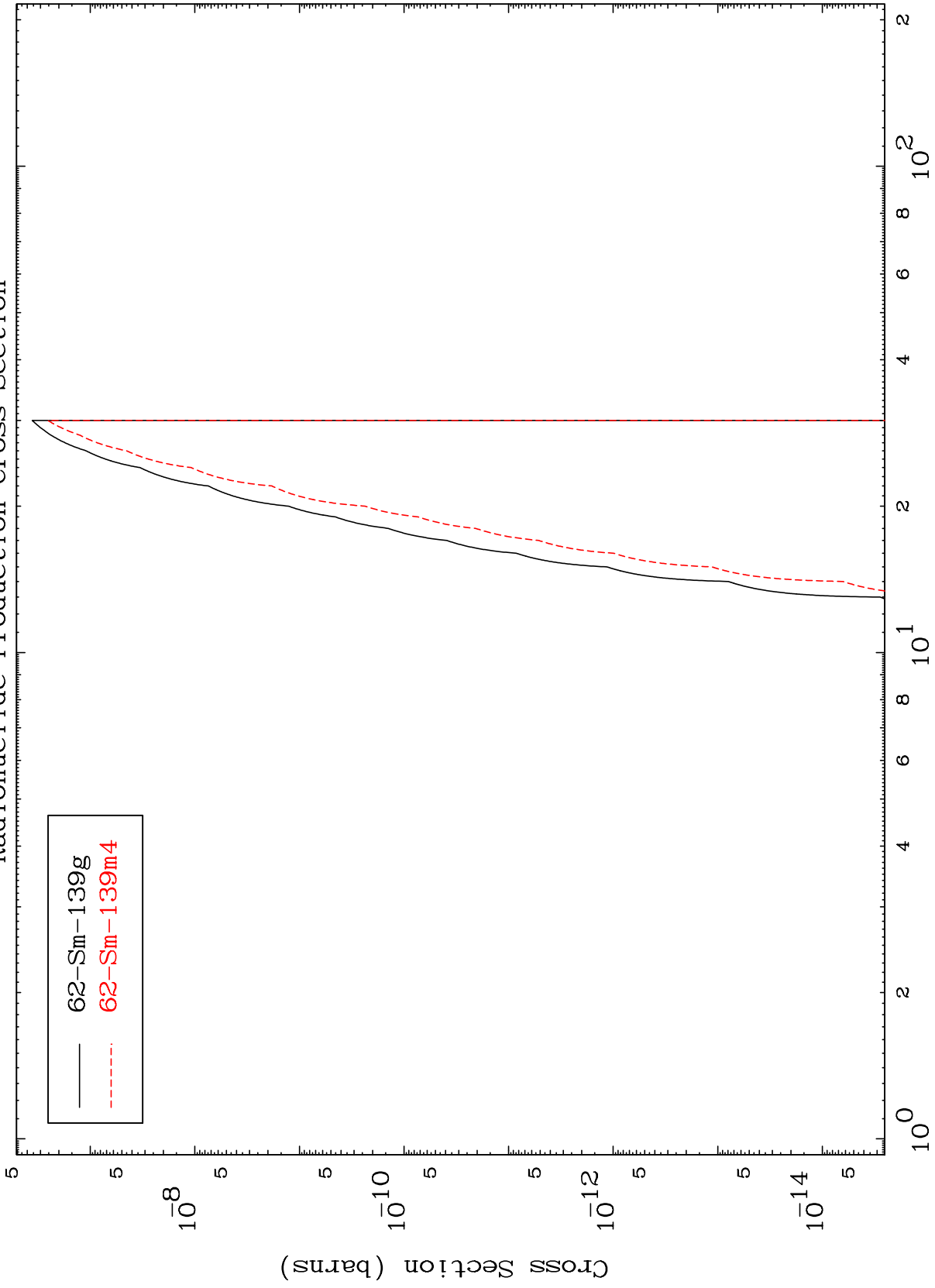
66-Dy-147

MAT 6598

( $\gamma, 2\alpha$ )

66-Dy-147

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

21

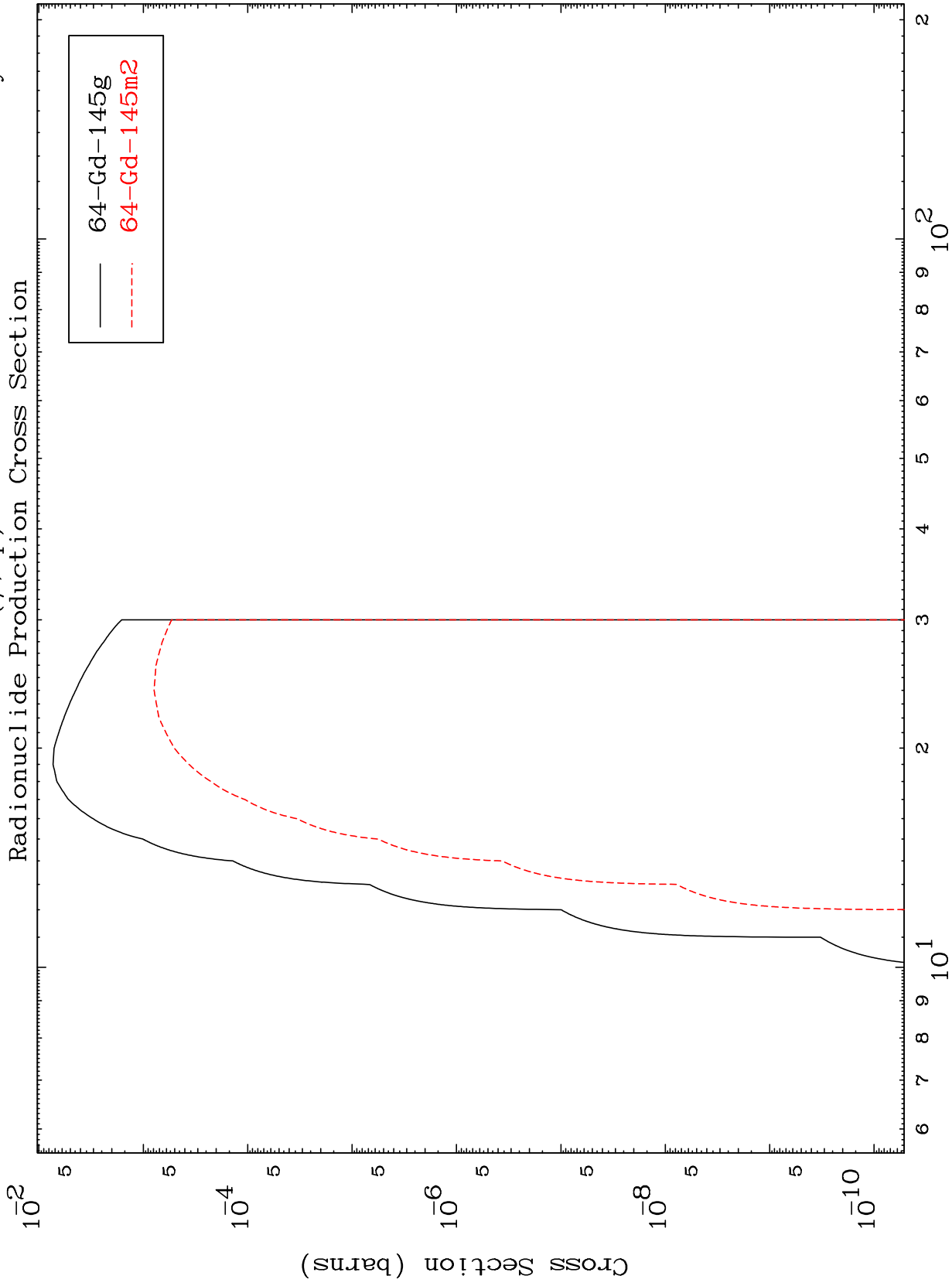
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

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



22

Incident Energy (MeV)

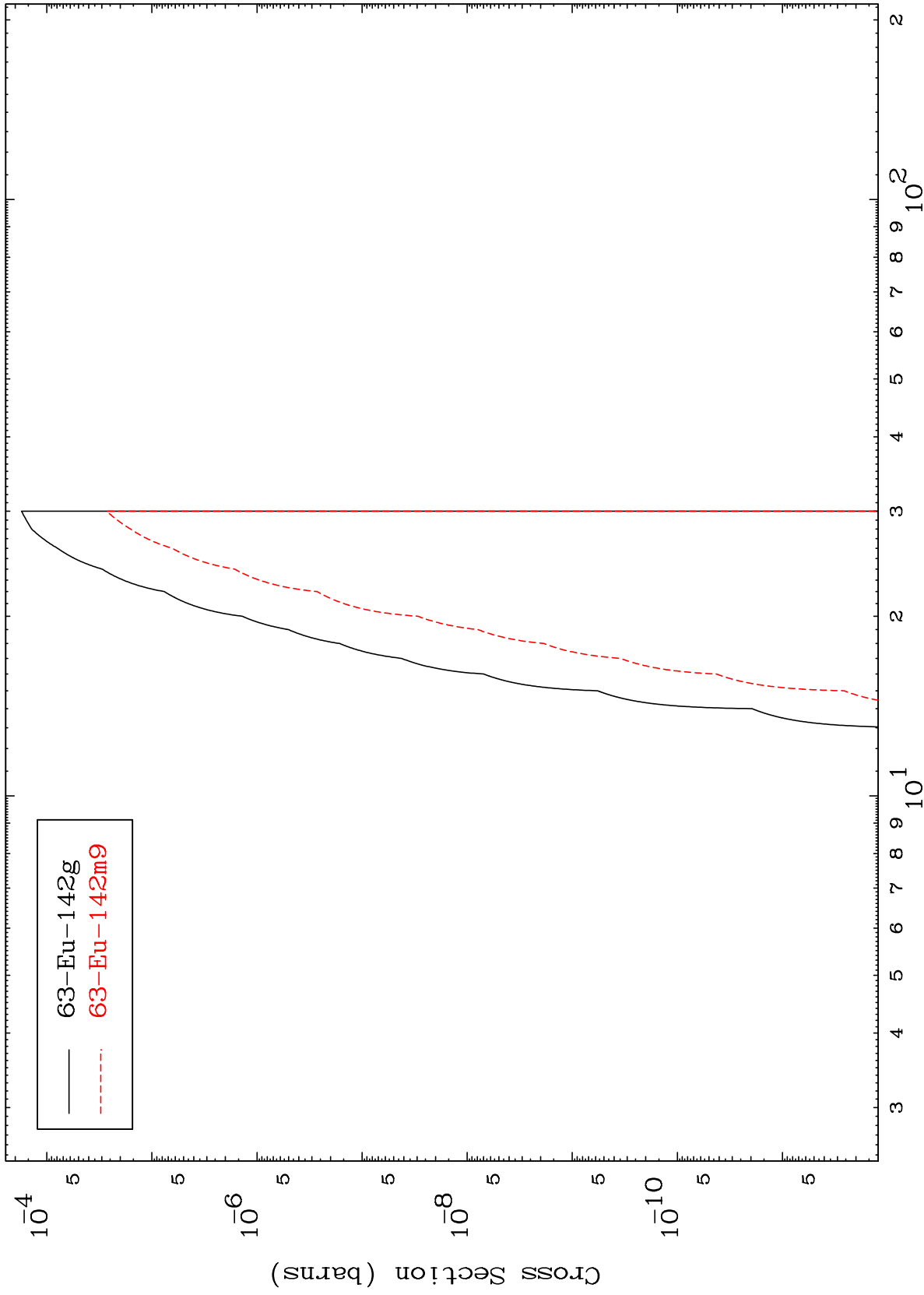
66-Dy-147

MAT 6598

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

66-Dy-147

Radionuclide Production Cross Section



23

Incident Energy (MeV)

66-Dy-147