

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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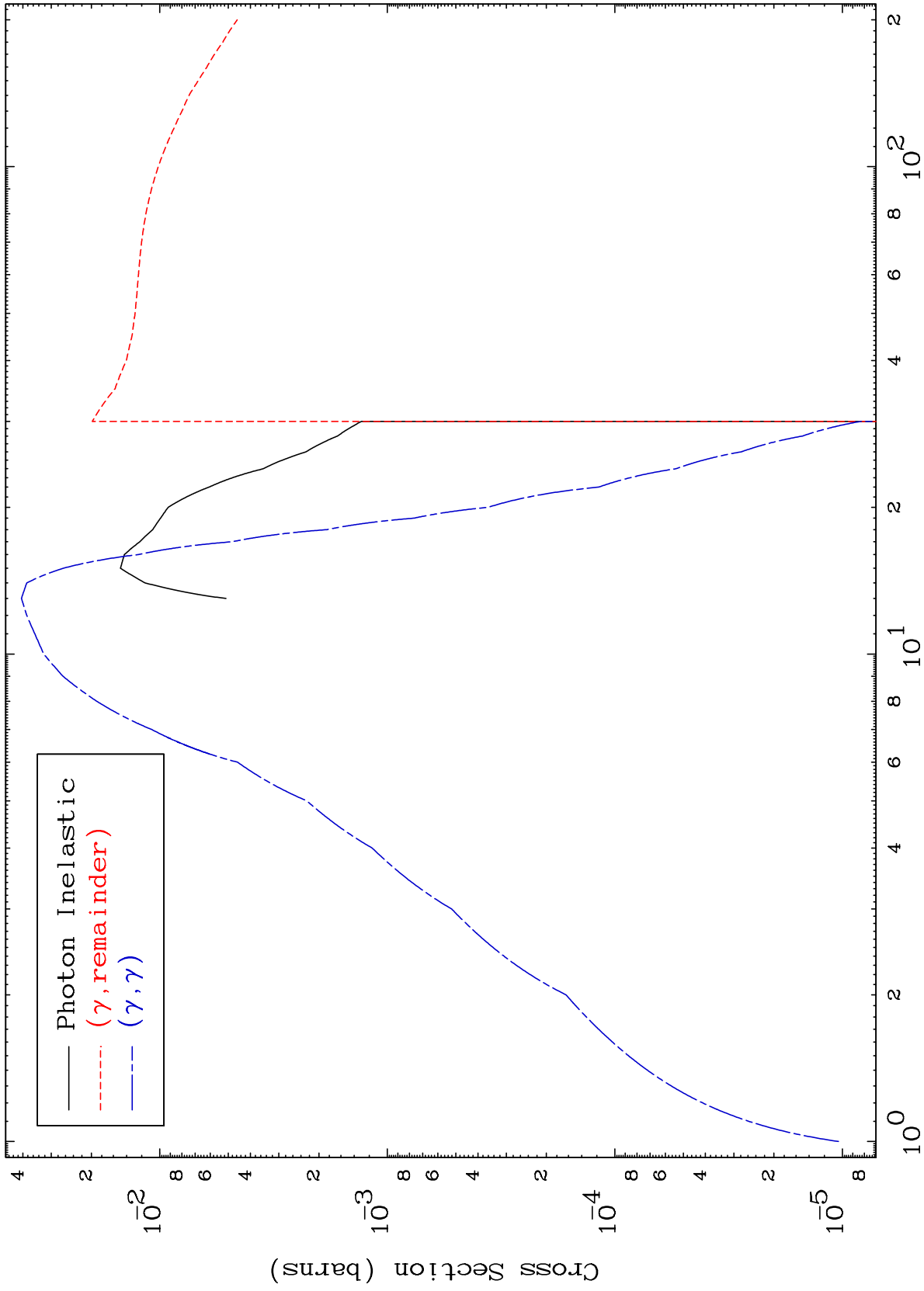
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6589

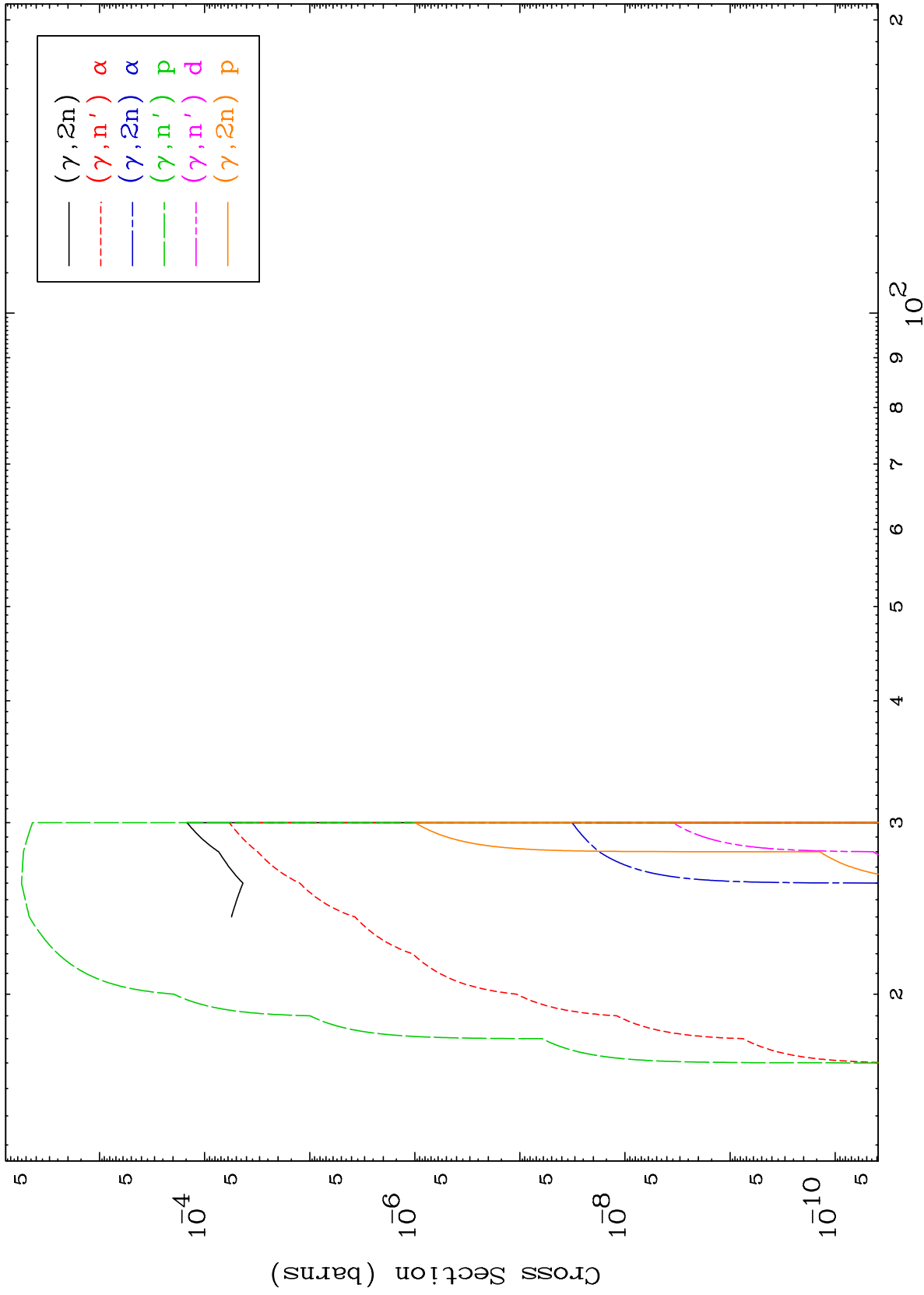
Photon Major  
0 Kelvin Cross Sections

66-Dy-144



Incident Energy (MeV)

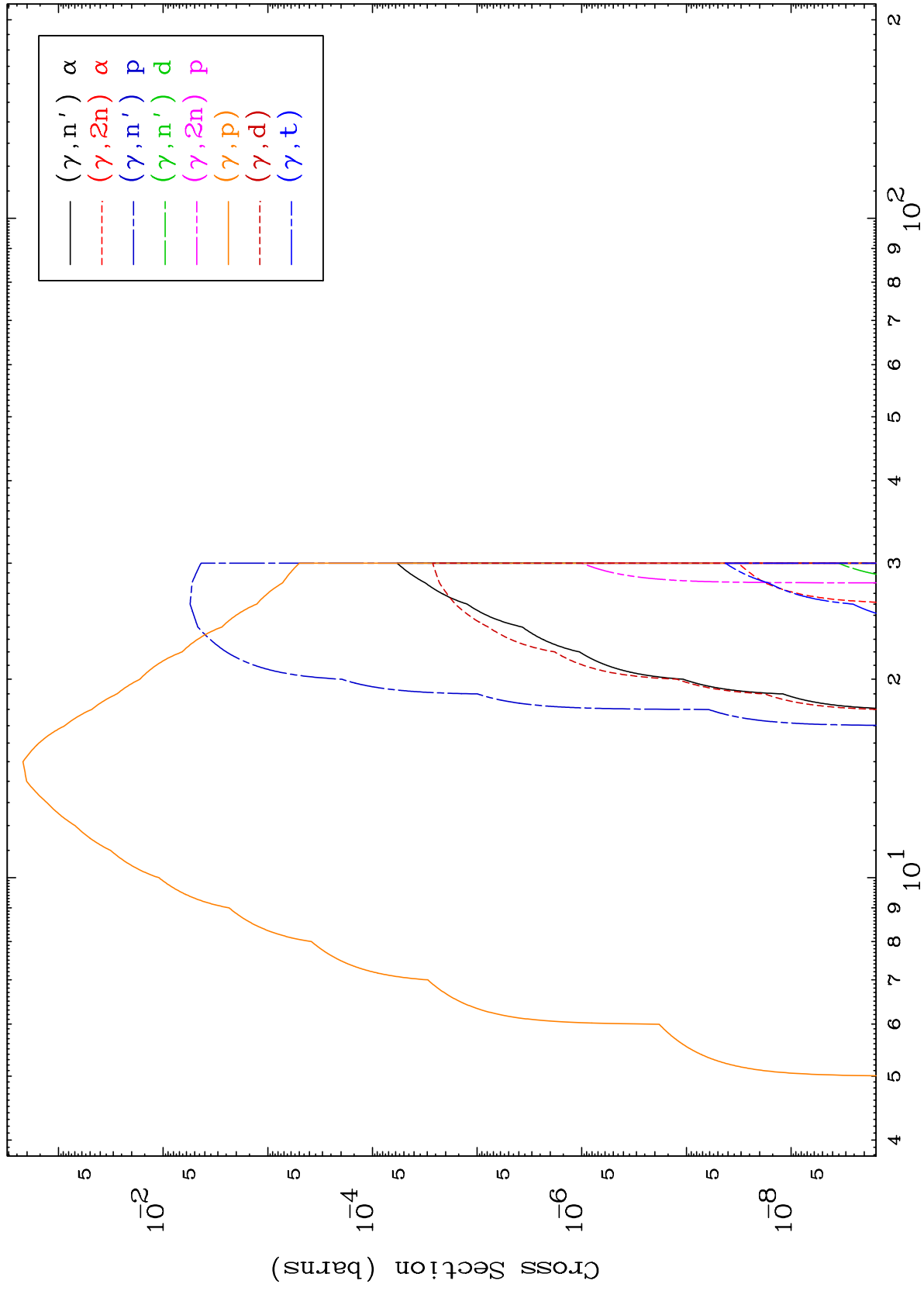
66-Dy-144



MAT 6589

Photon Charged Particle  
0 Kelvin Cross Sections

66-Dy-144



3

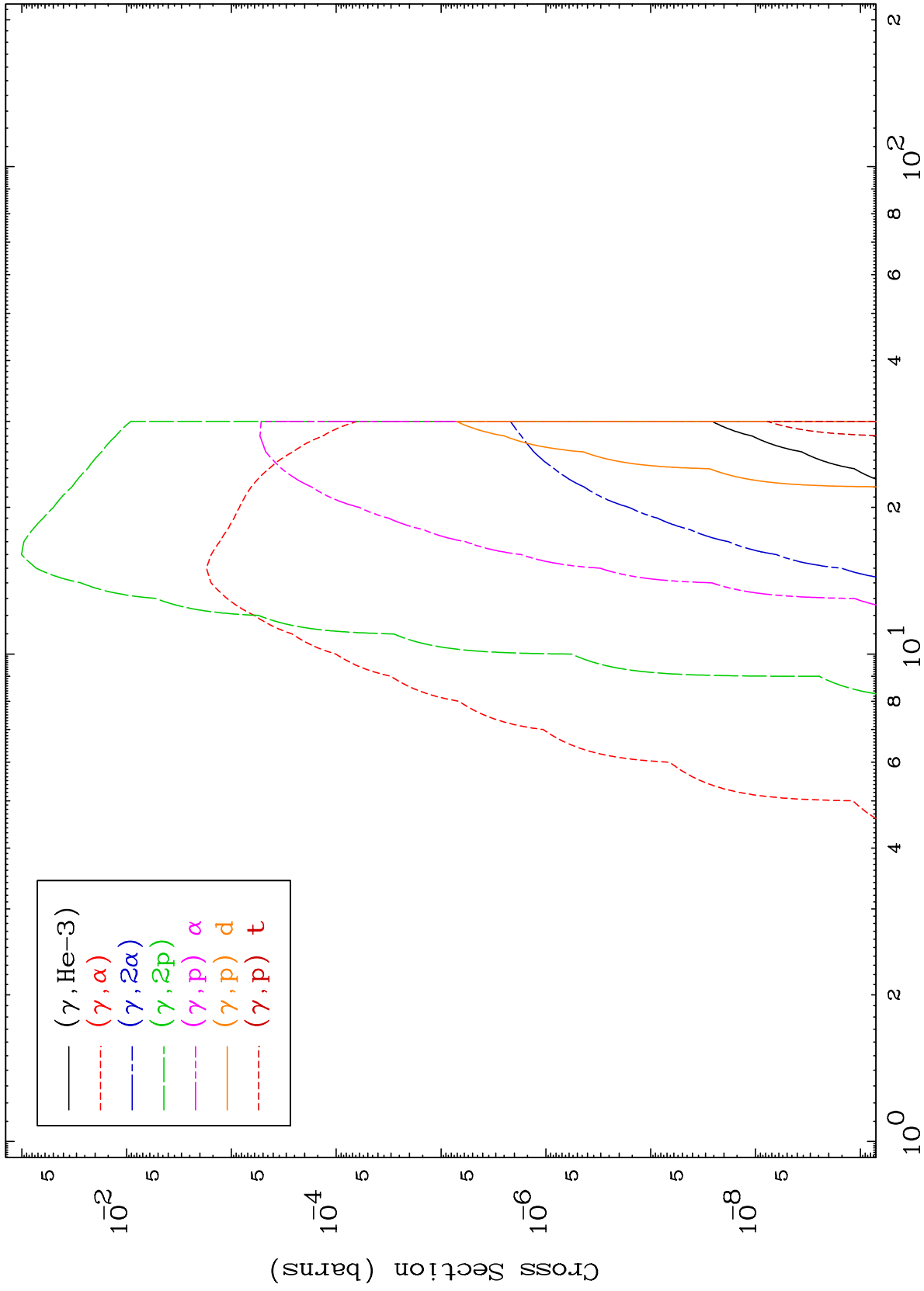
Incident Energy (MeV)

66-Dy-144

MAT 6589

Photon Charged Particle  
0 Kelvin Cross Sections

66-Dy-144



66-Dy-144

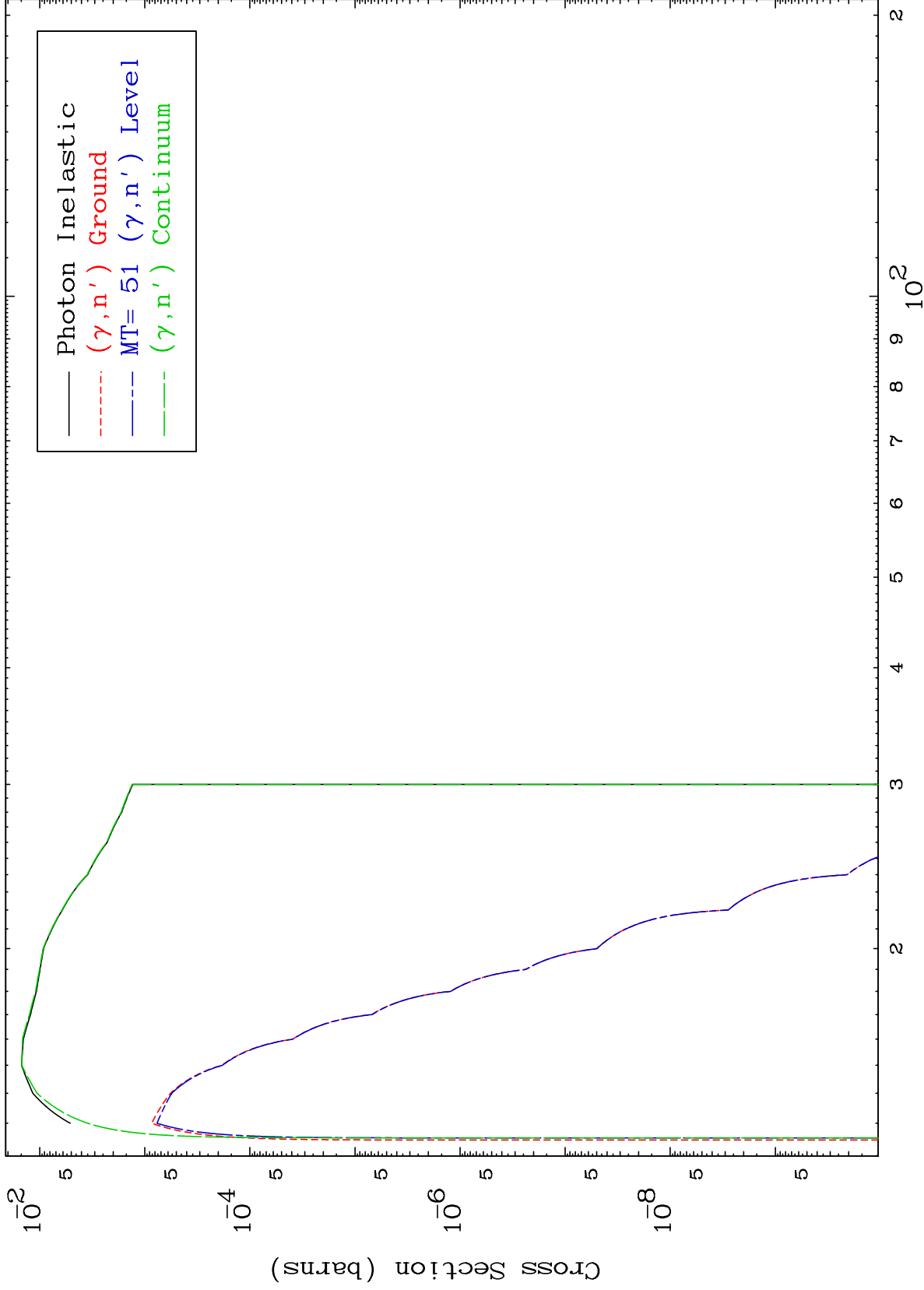
Incident Energy (MeV)

4

MAT 6589

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

66-Dy-144



5

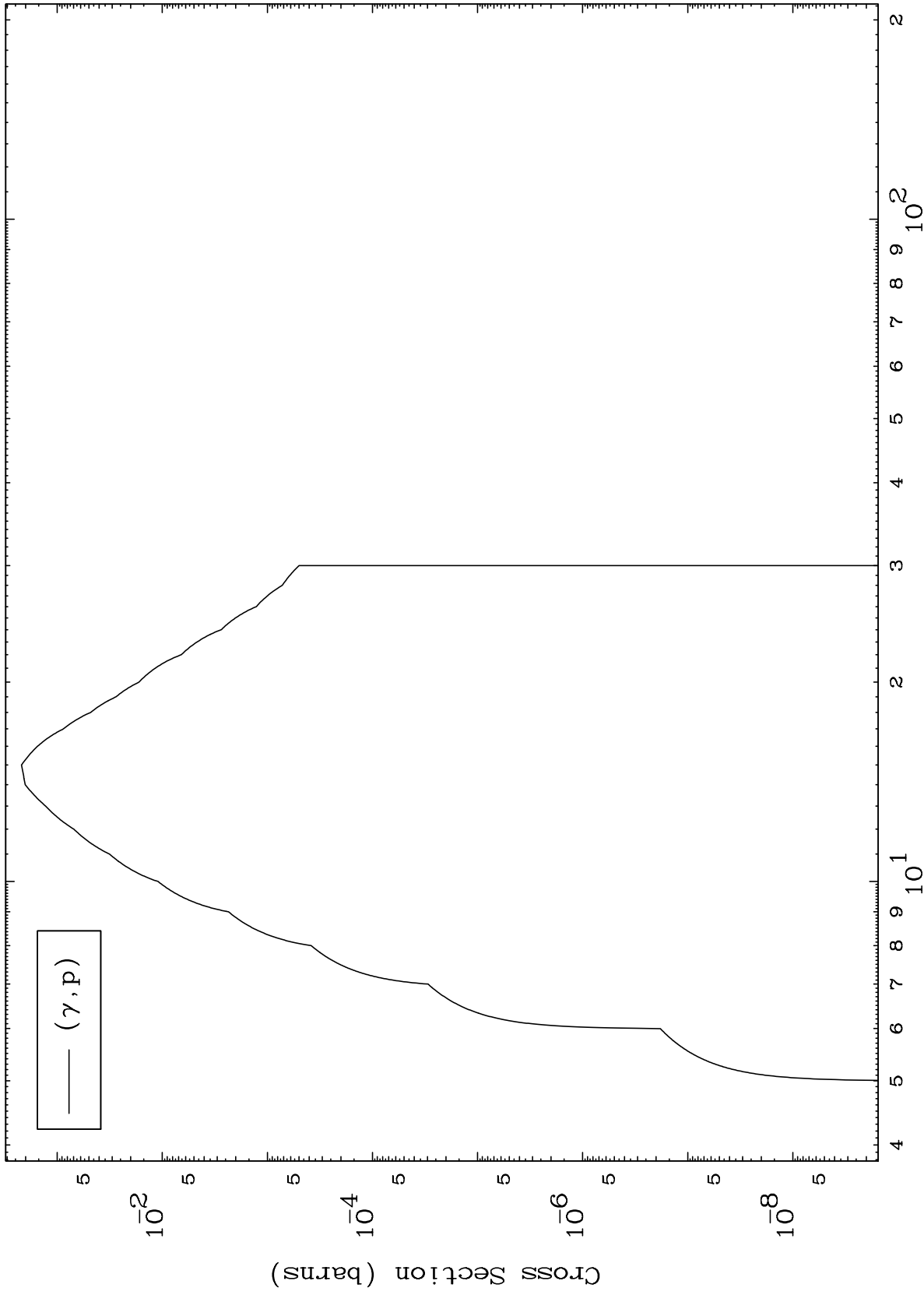
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



6

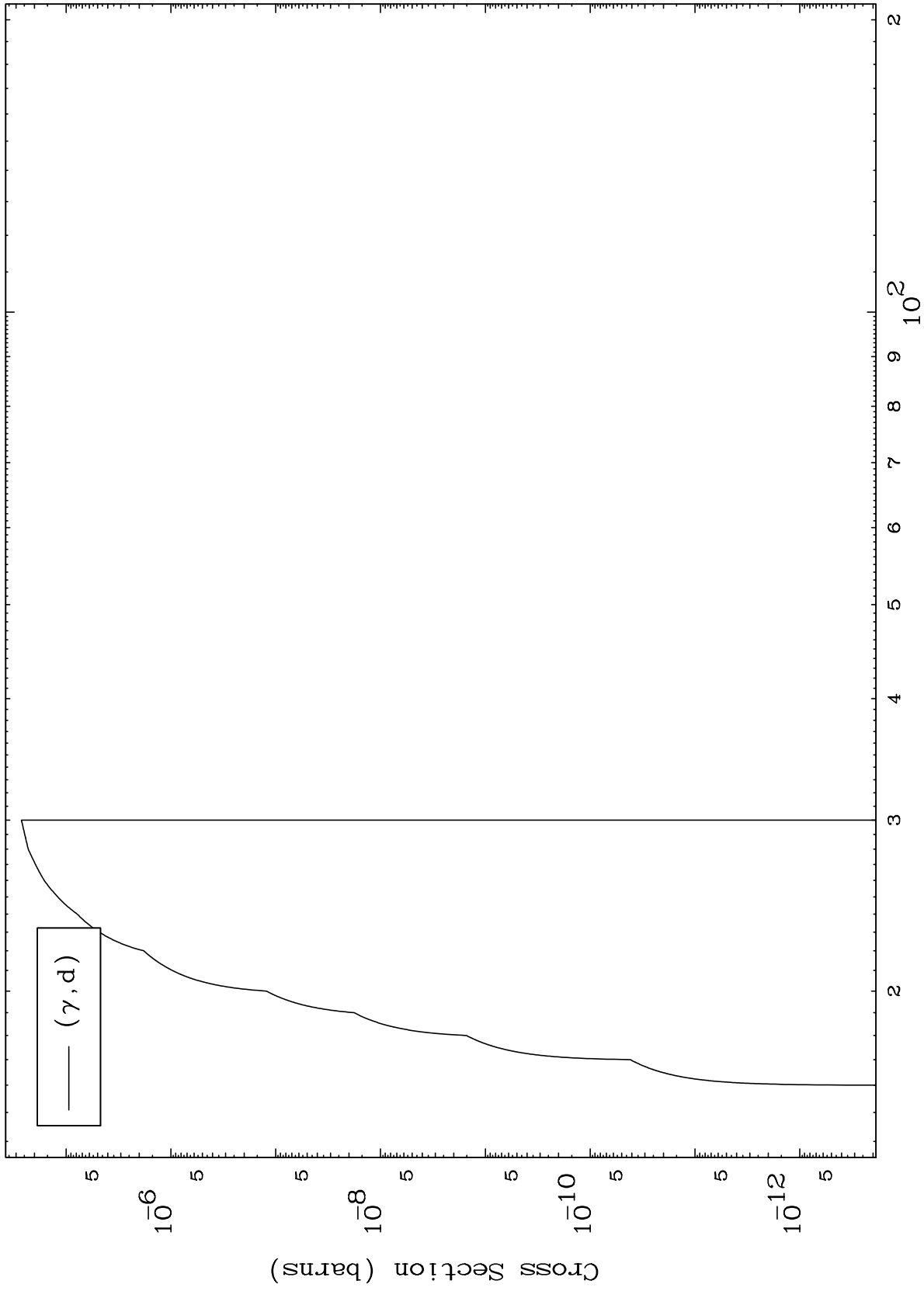
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

66-Dy-144



7

Incident Energy (MeV)

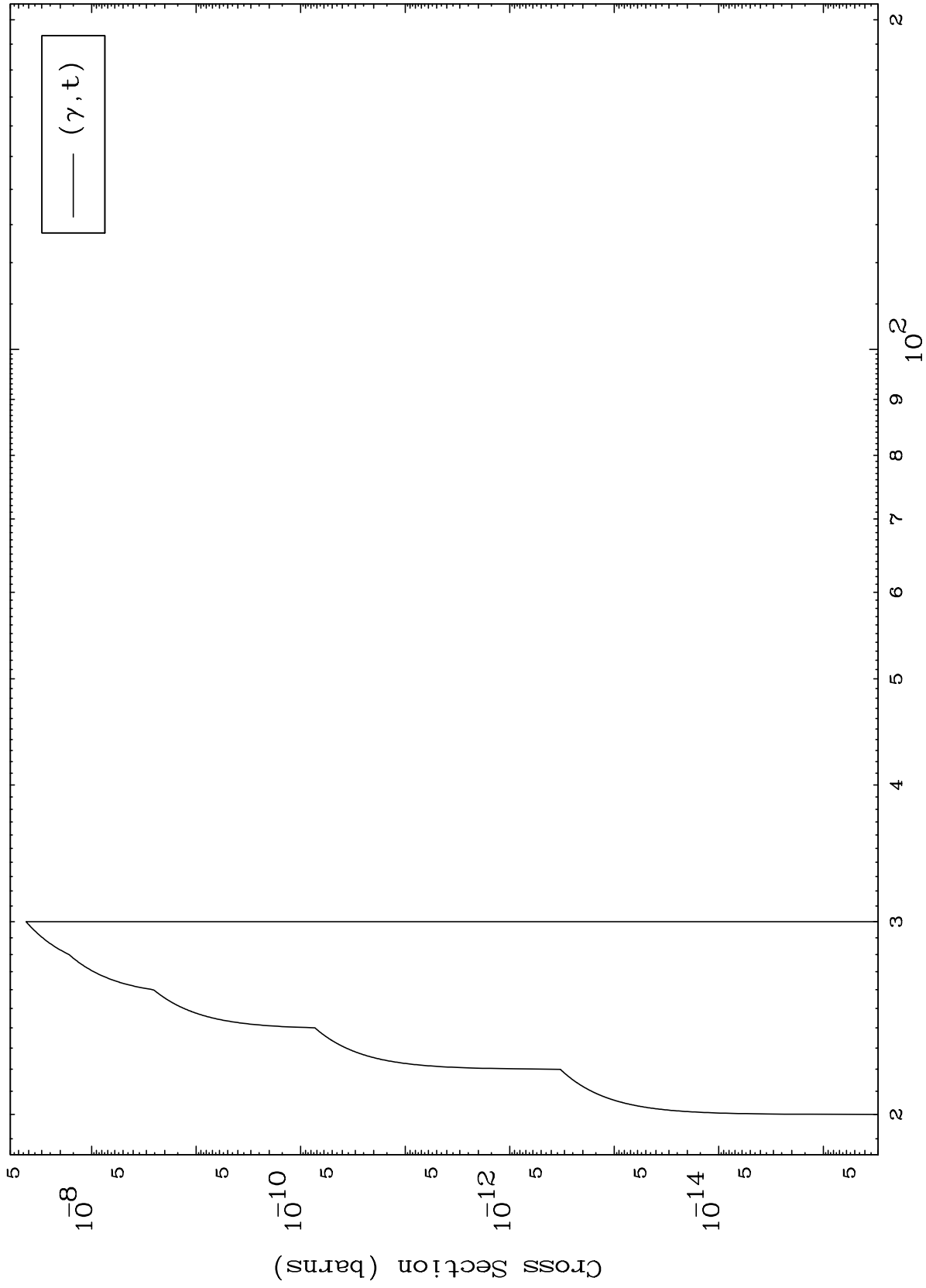
66-Dy-144



MAT 6589

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

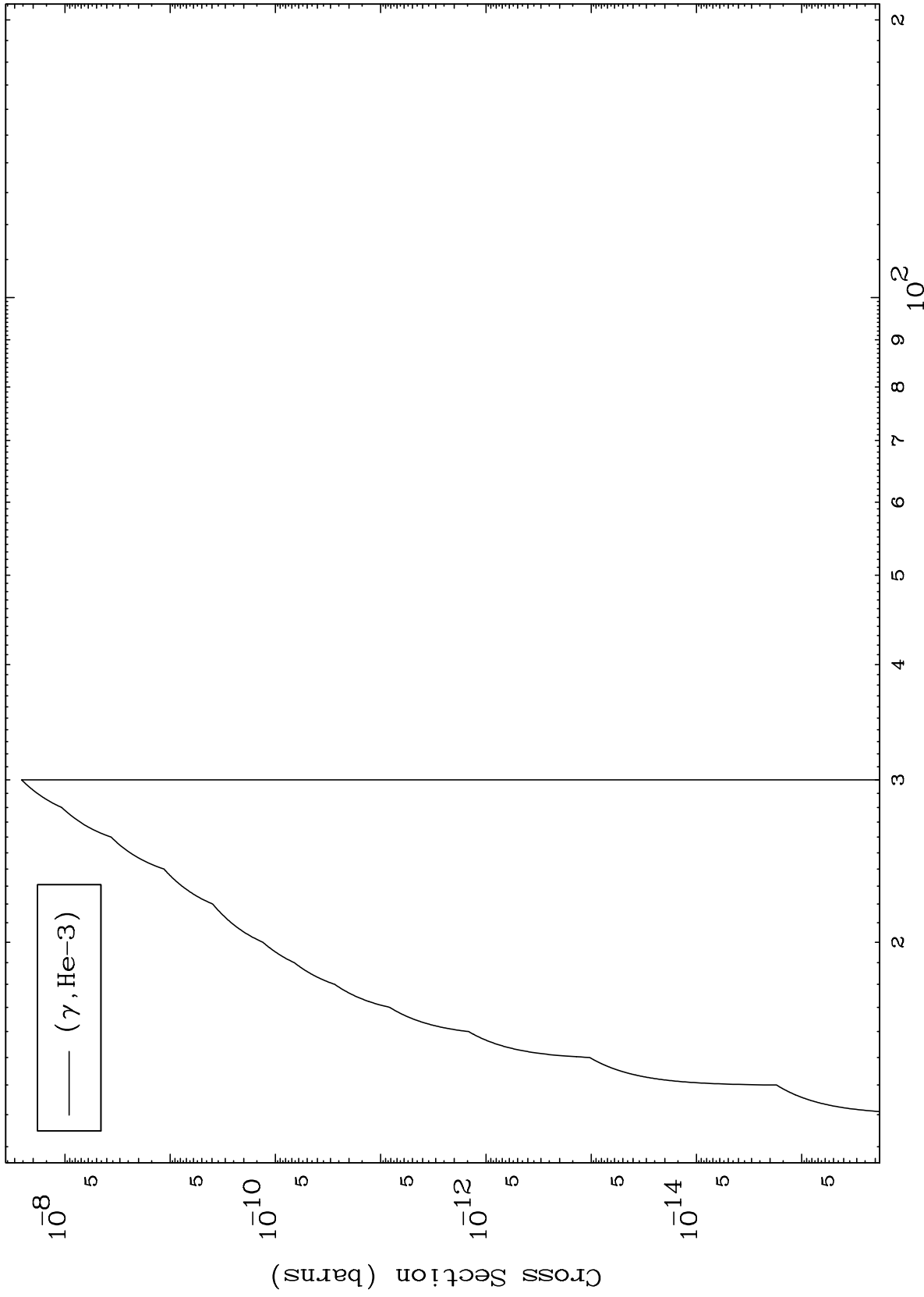
66-Dy-144



8

Incident Energy (MeV)

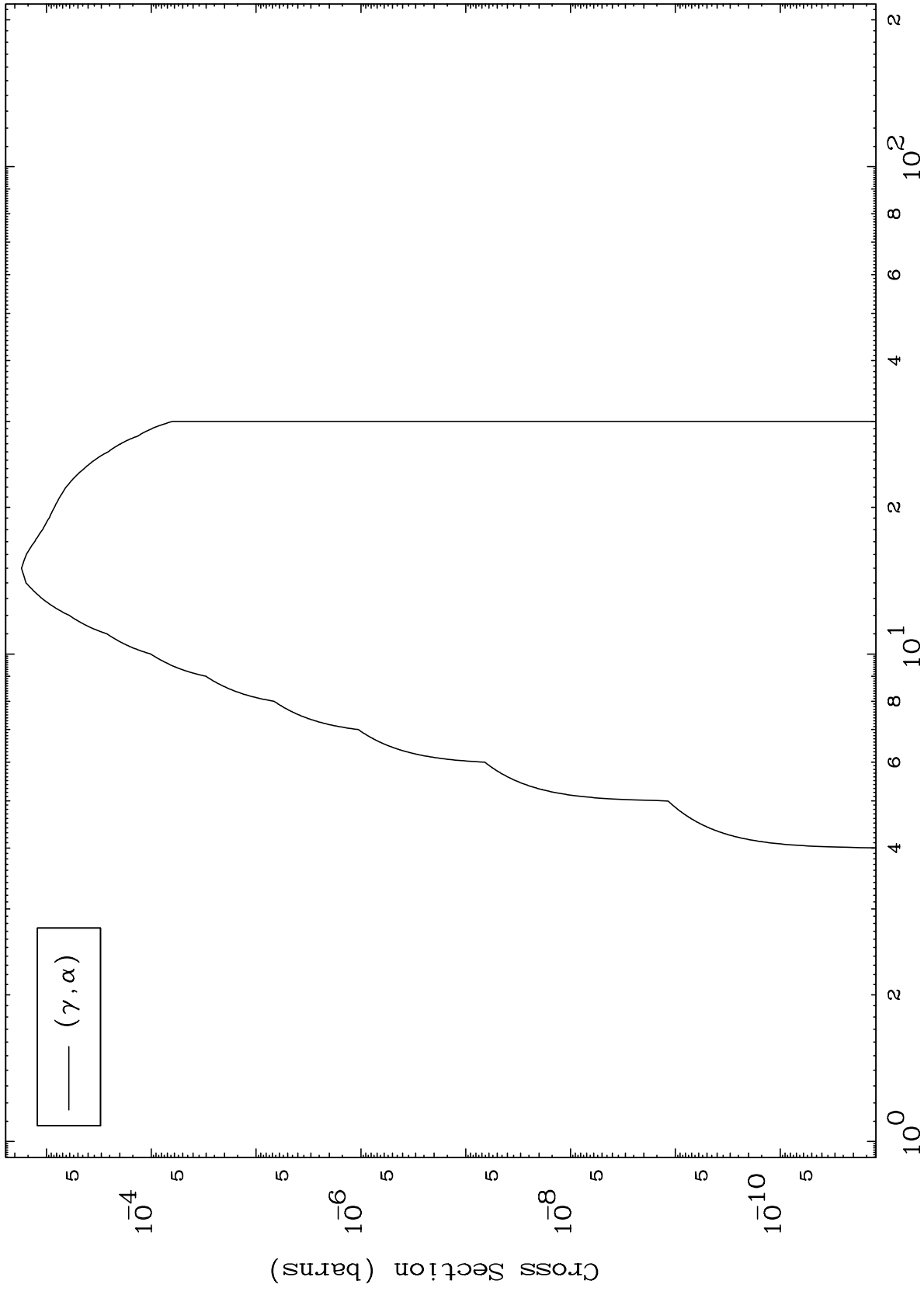
66-Dy-144



MAT 6589

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

66-Dy-144



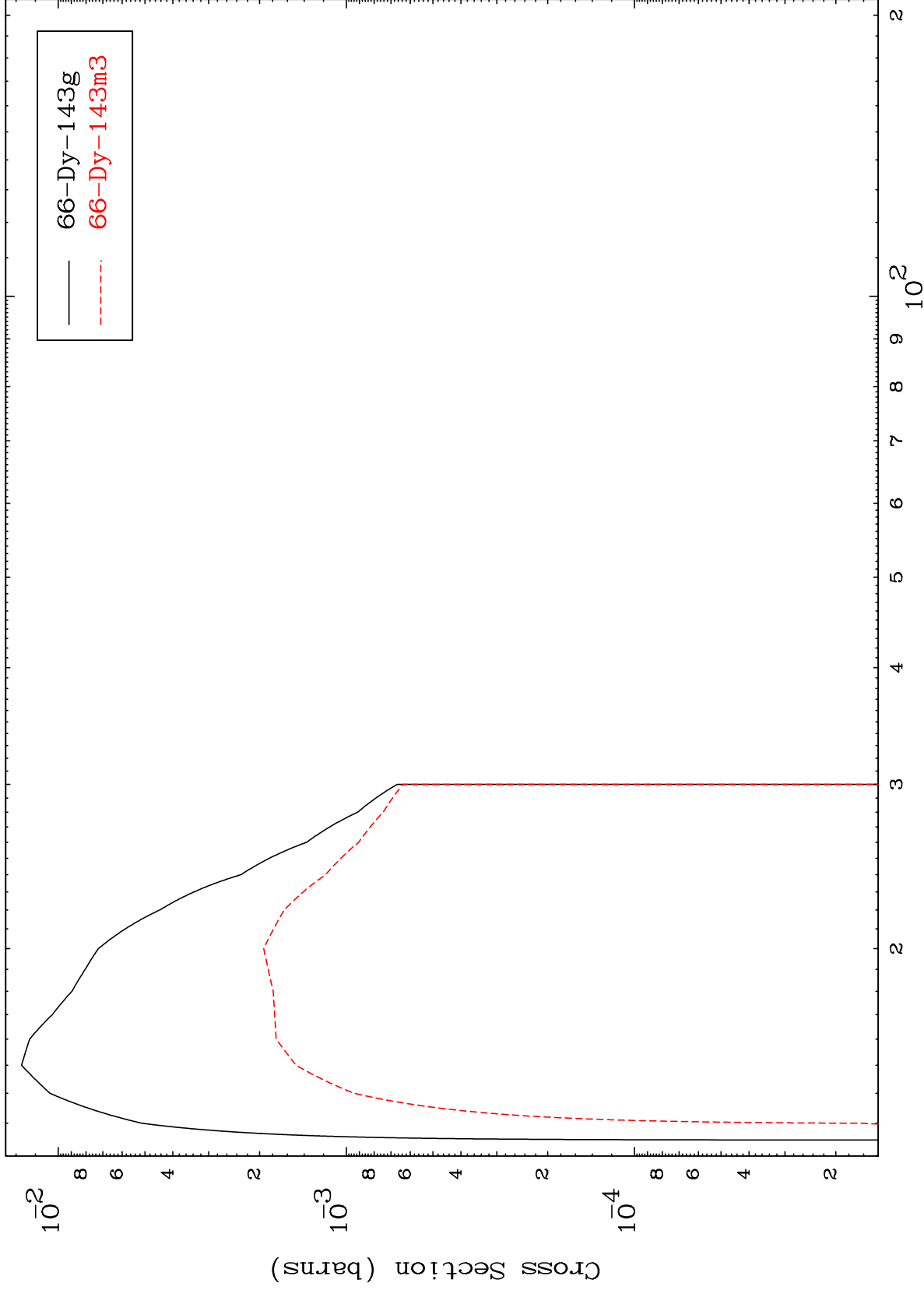
Incident Energy (MeV)

66-Dy-144

MAT 6589

Photon Inelastic  
Radionuclide Production Cross Section

66-Dy-144



11

Incident Energy (MeV)

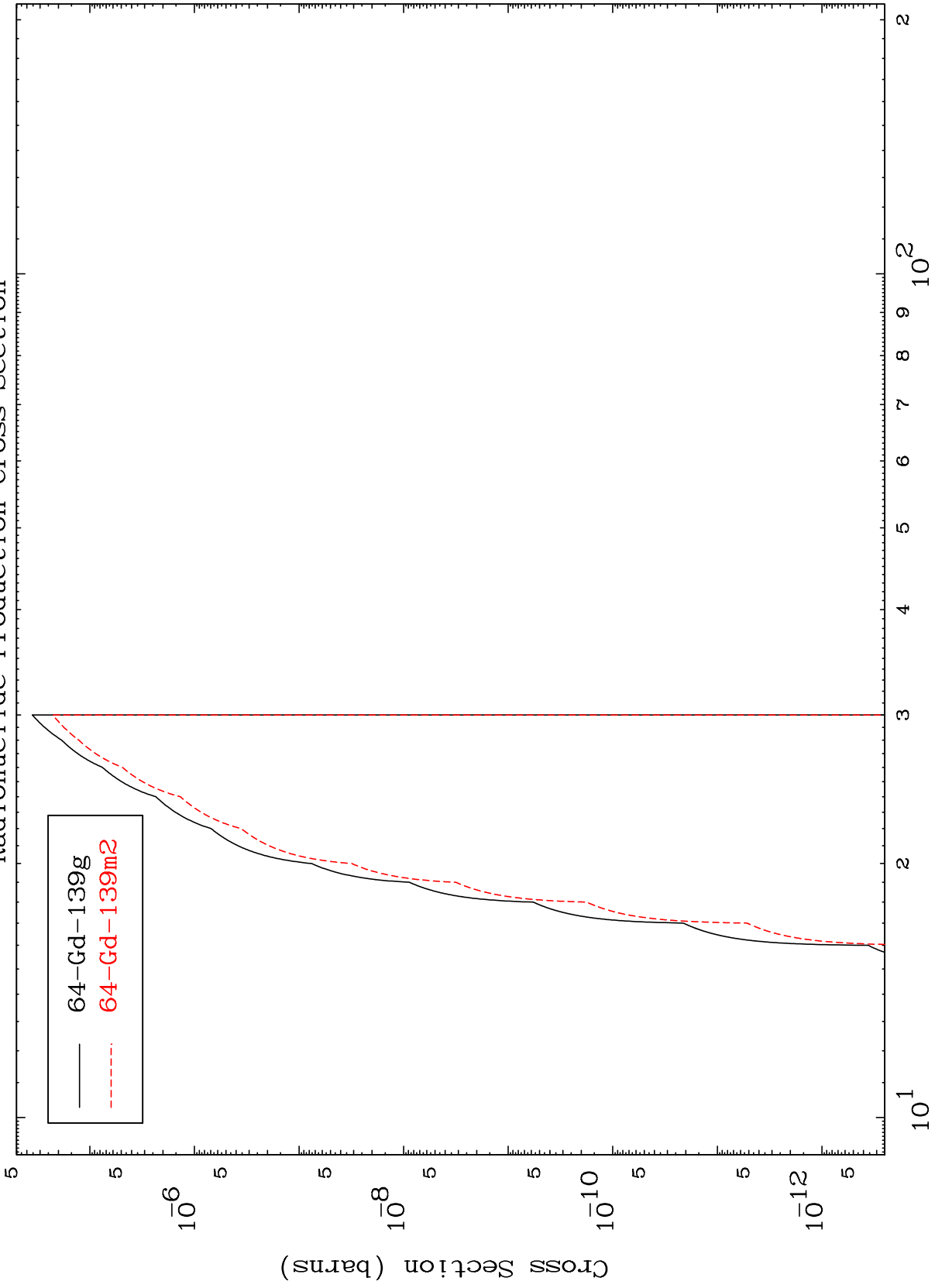
66-Dy-144

MAT 6589

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

66-Dy-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

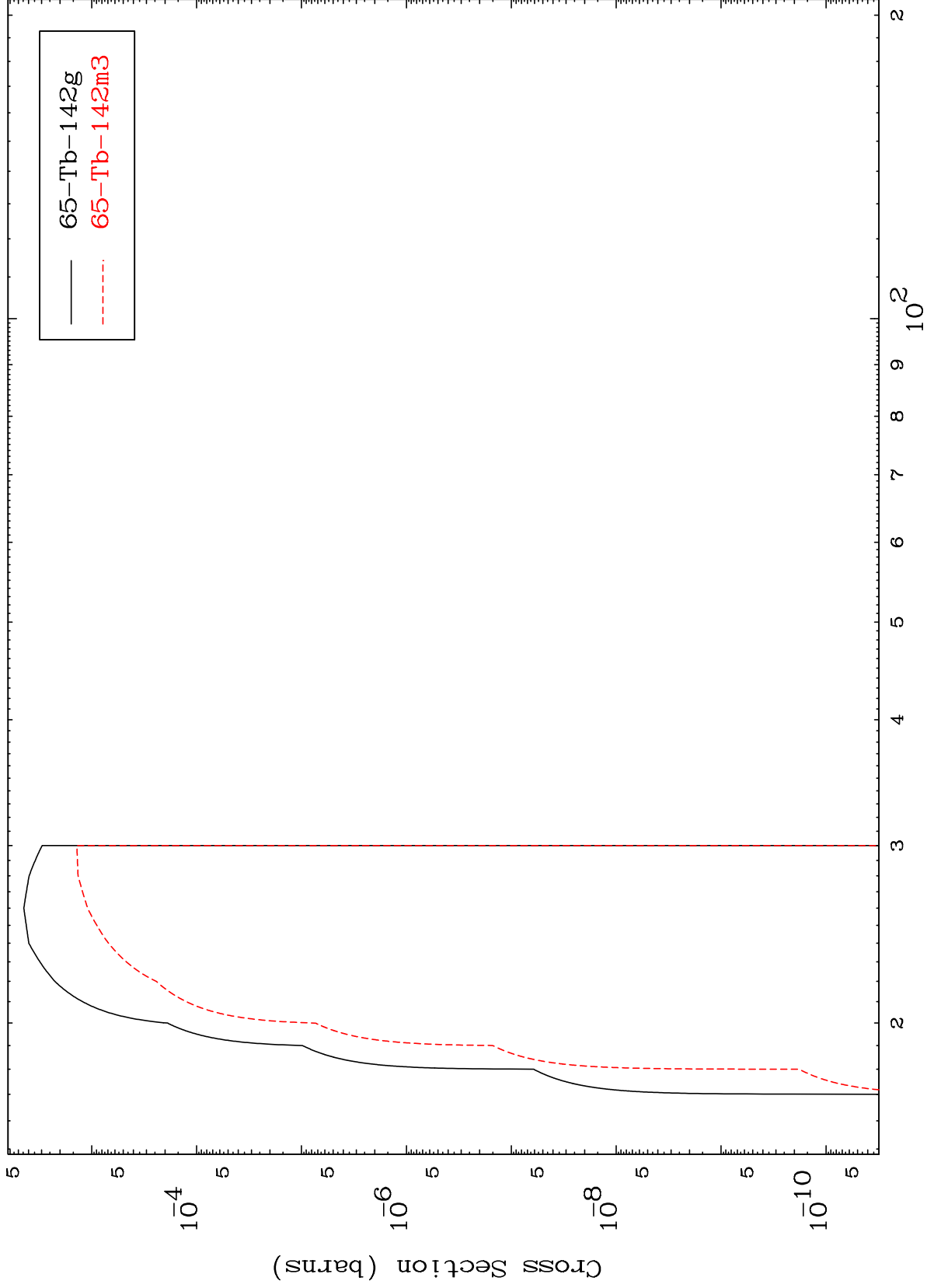
66-Dy-144

MAT 6589

$(\gamma, n')$  p

66-Dy-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

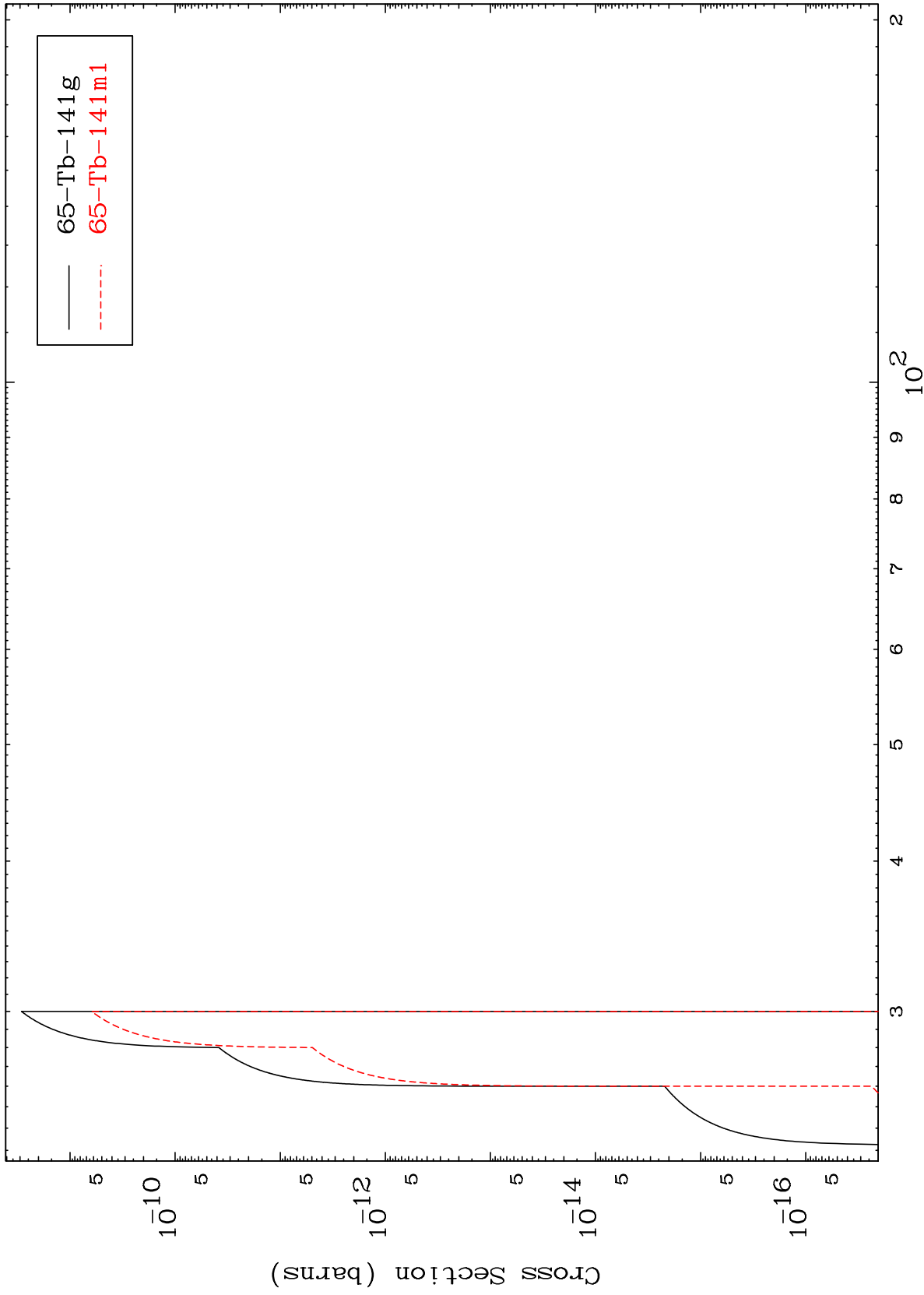
66-Dy-144

MAT 6589

( $\gamma, n'$ ) d

66-Dy-144

Radionuclide Production Cross Section



14

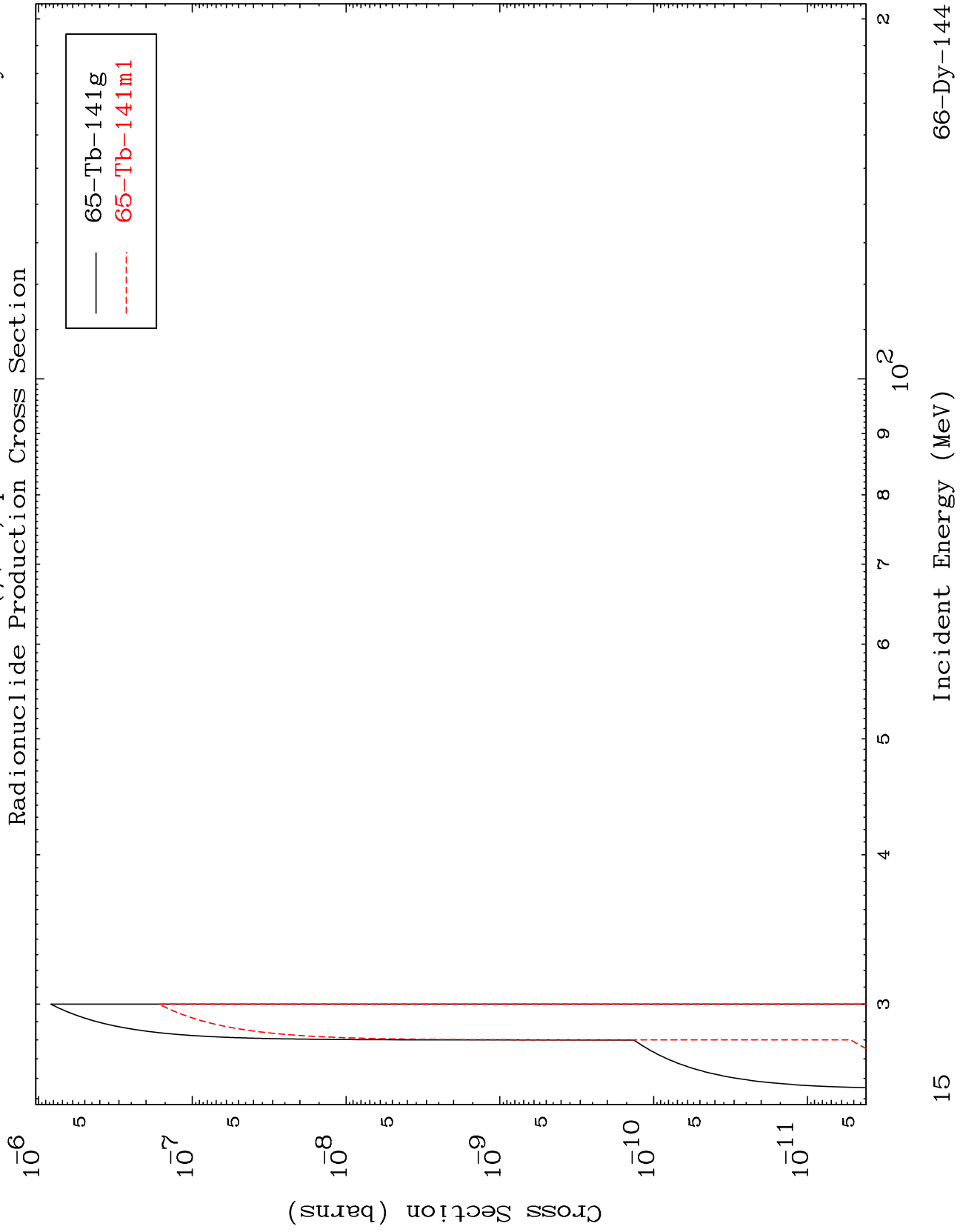
Incident Energy (MeV)

66-Dy-144

MAT 6589

$(\gamma, 2n)$  p

66-Dy-144



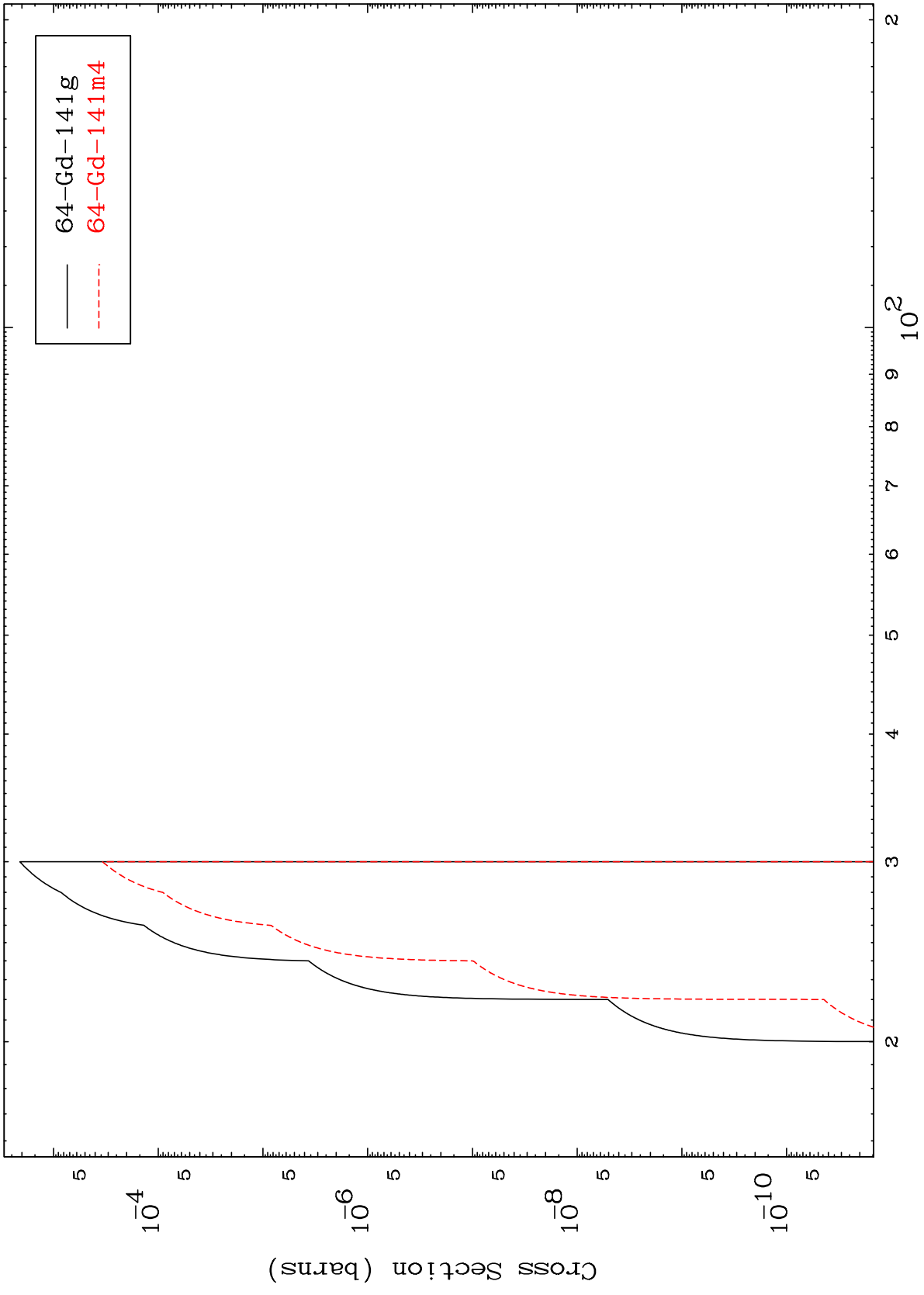


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( $\gamma, 2n$ ) p

66-Dy-144

Radionuclide Production Cross Section



16

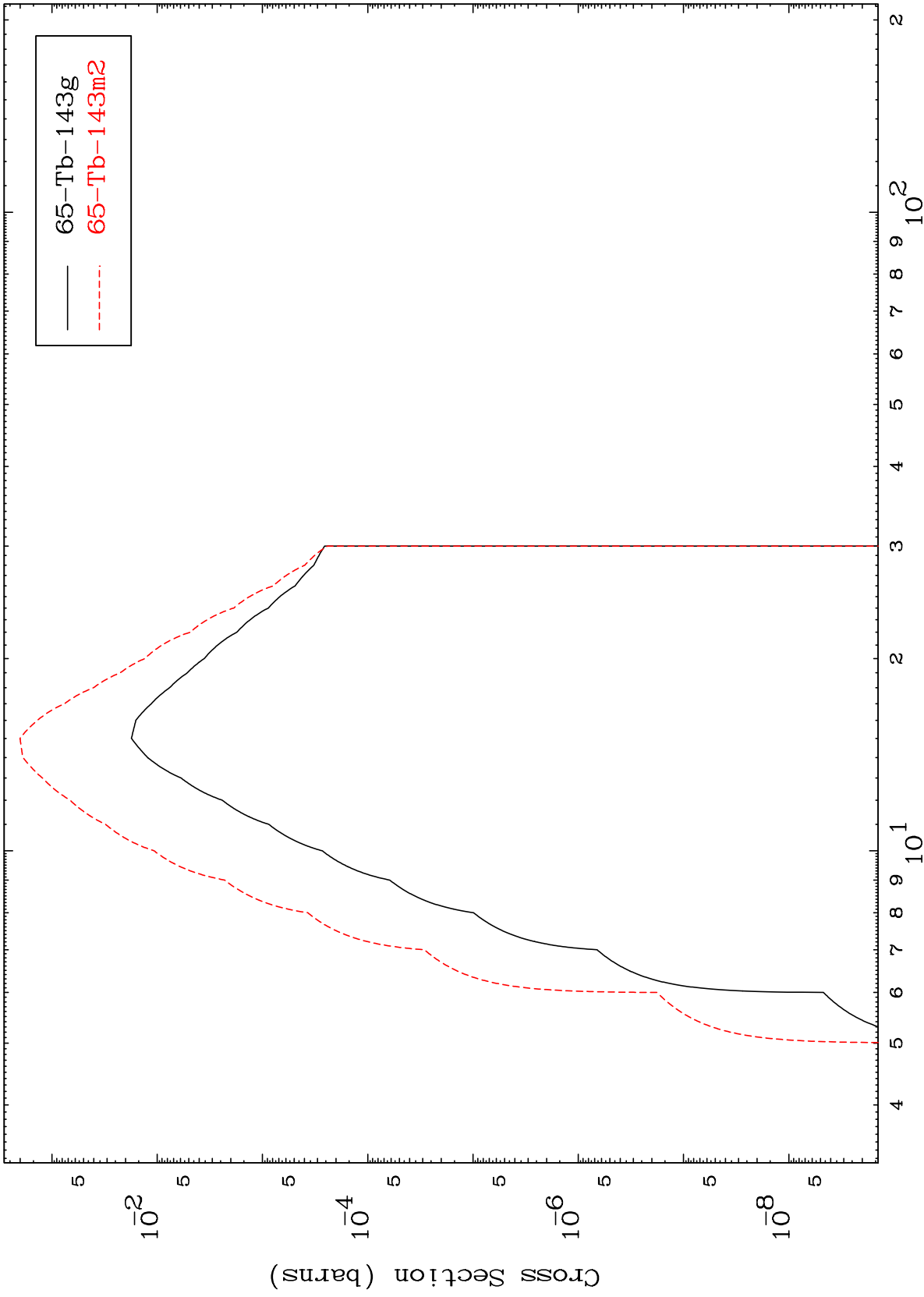
Incident Energy (MeV)

66-Dy-144

MAT 6589

66-Dy-144

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



17

Incident Energy (MeV)

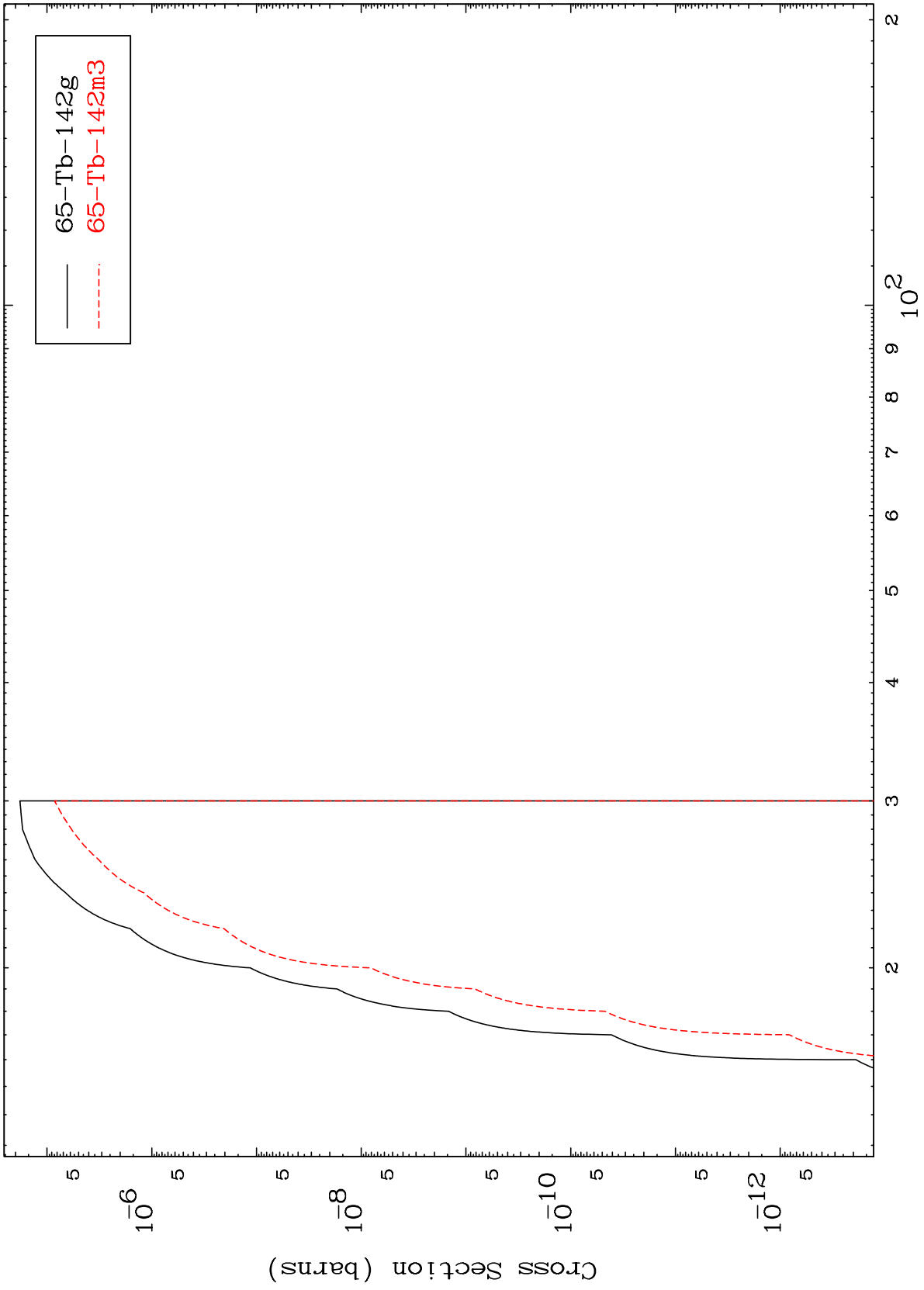
66-Dy-144

MAT 6589

( $\gamma, d$ )

66-Dy-144

Radionuclide Production Cross Section



18

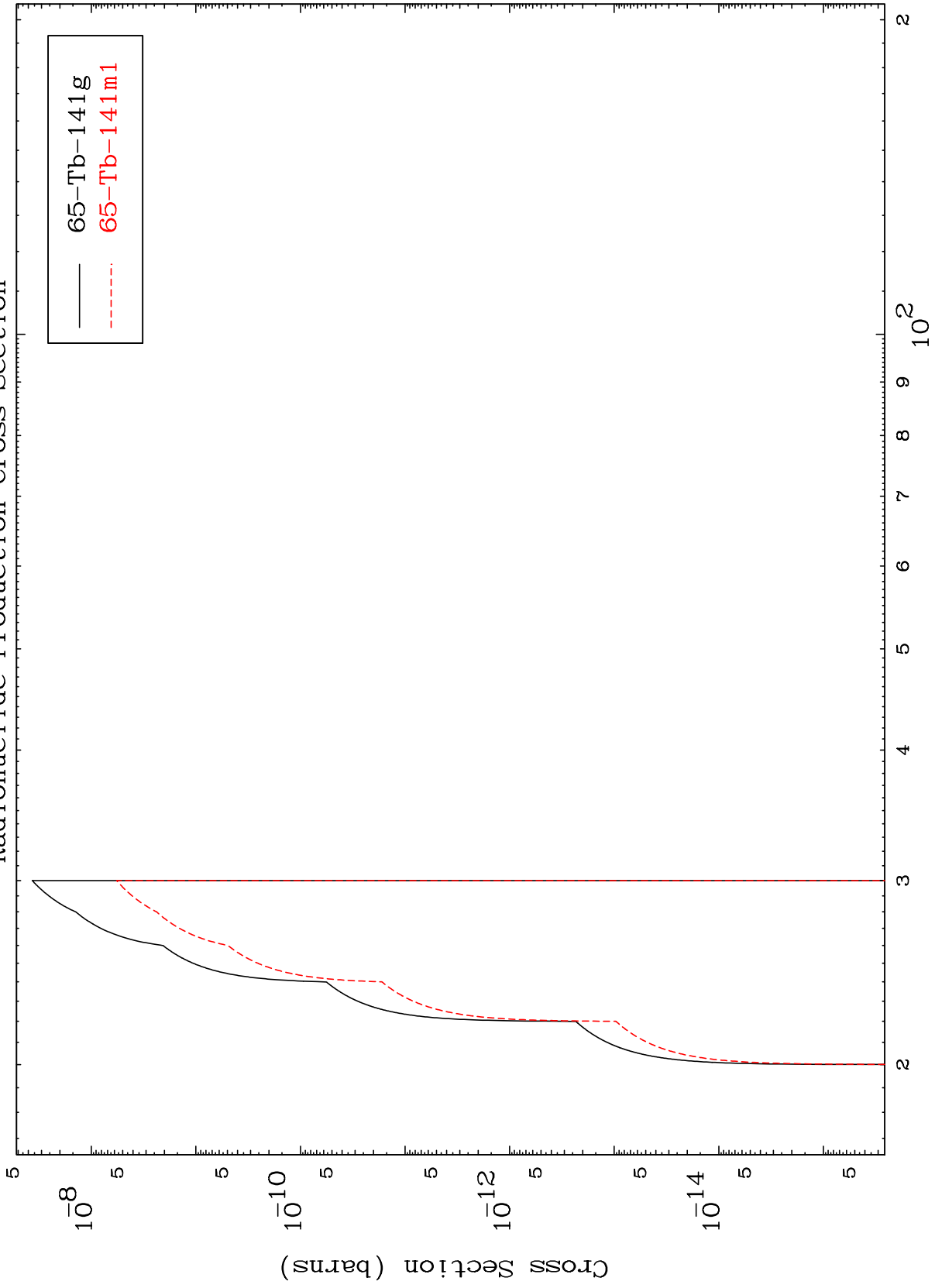
Incident Energy (MeV)

66-Dy-144

MAT 6589

66-Dy-144

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



19

Incident Energy (MeV)

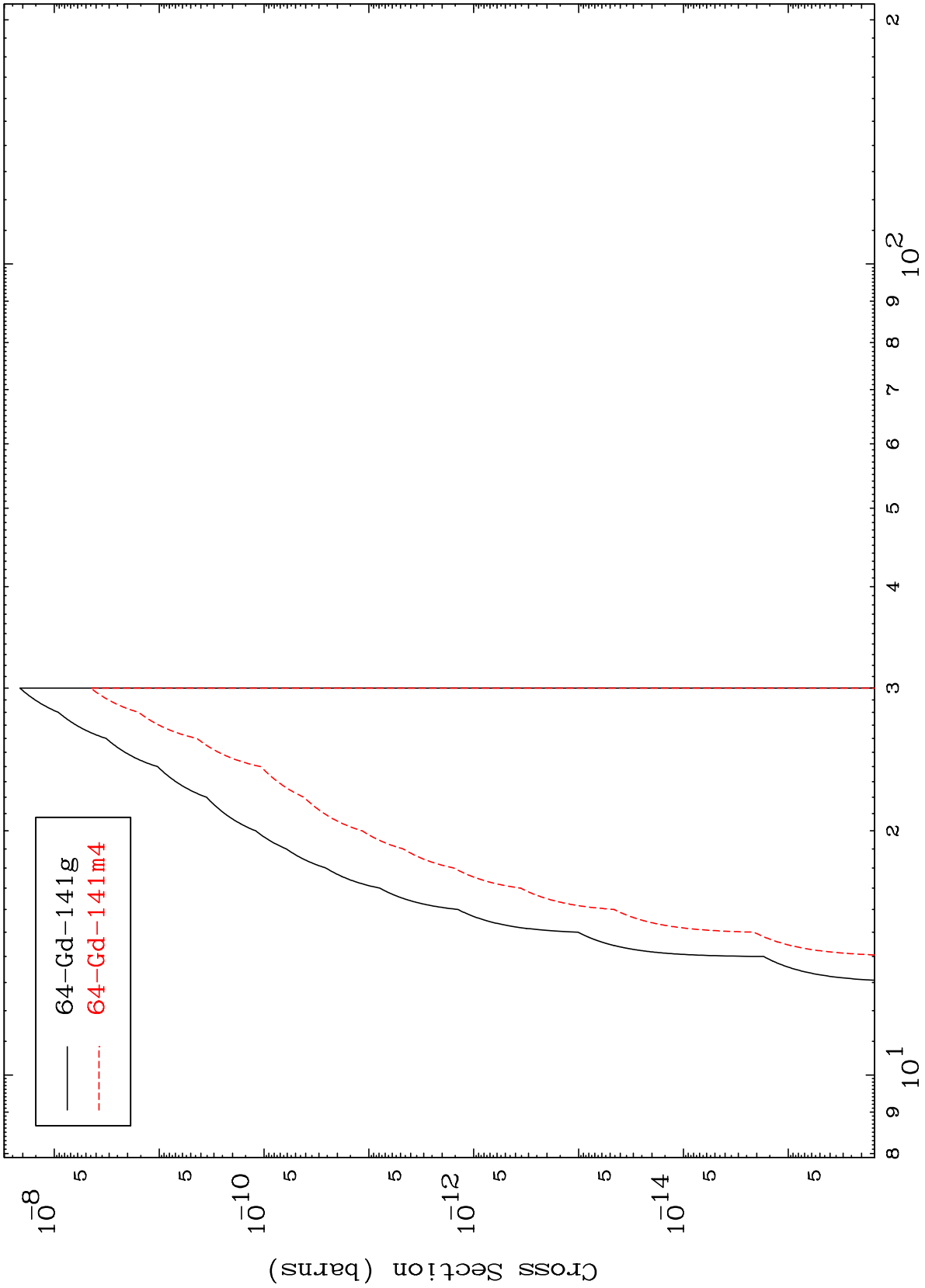
66-Dy-144

MAT 6589

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

66-Dy-144

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

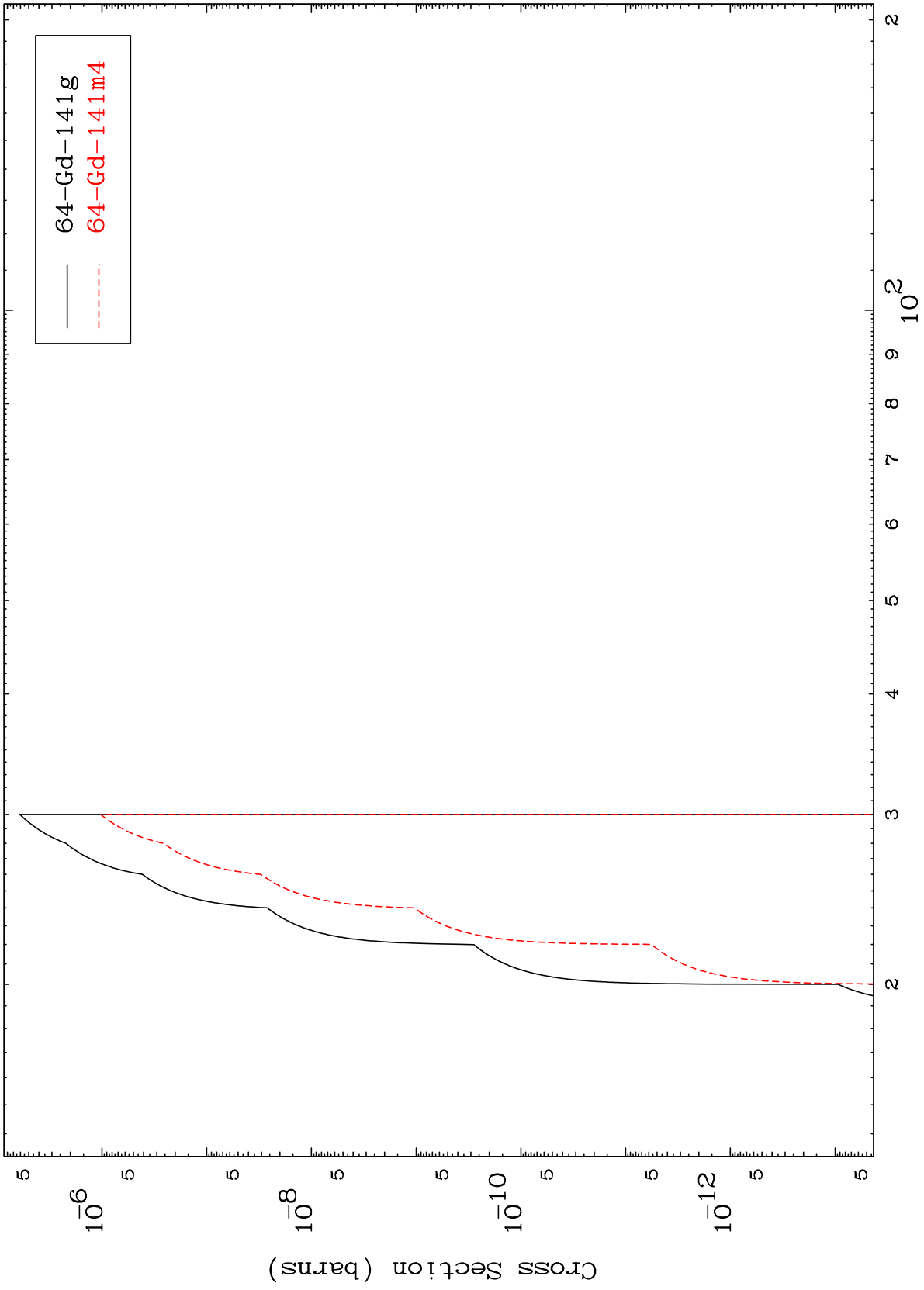
66-Dy-144

MAT 6589

( $\gamma, p$ ) d

66-Dy-144

Radionuclide Production Cross Section



21

Incident Energy (MeV)

66-Dy-144