

Program EVALPLOT
(Version 2017-1)

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

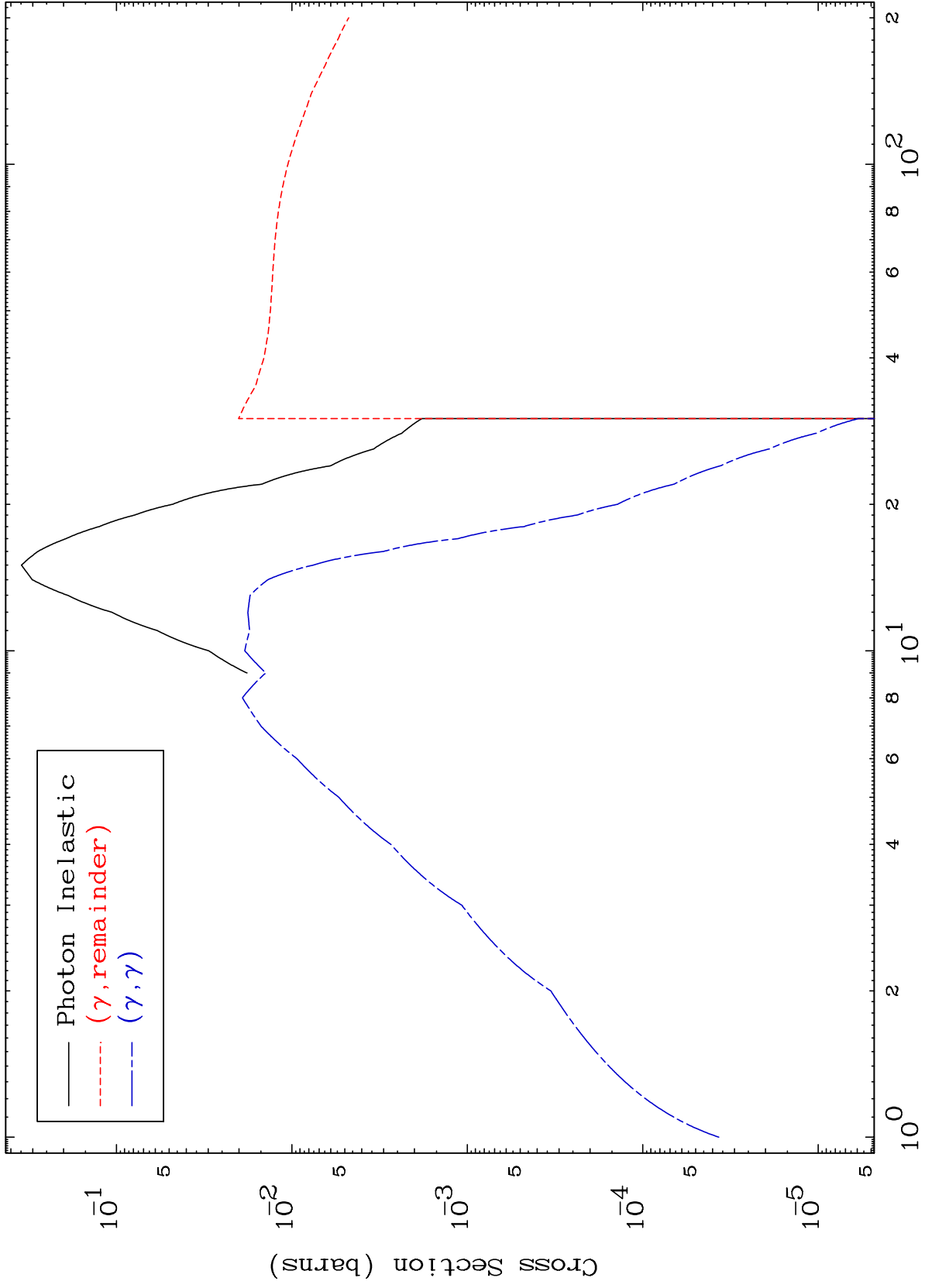
Press Mouse Button to Start

MAT 6610

Photon Major

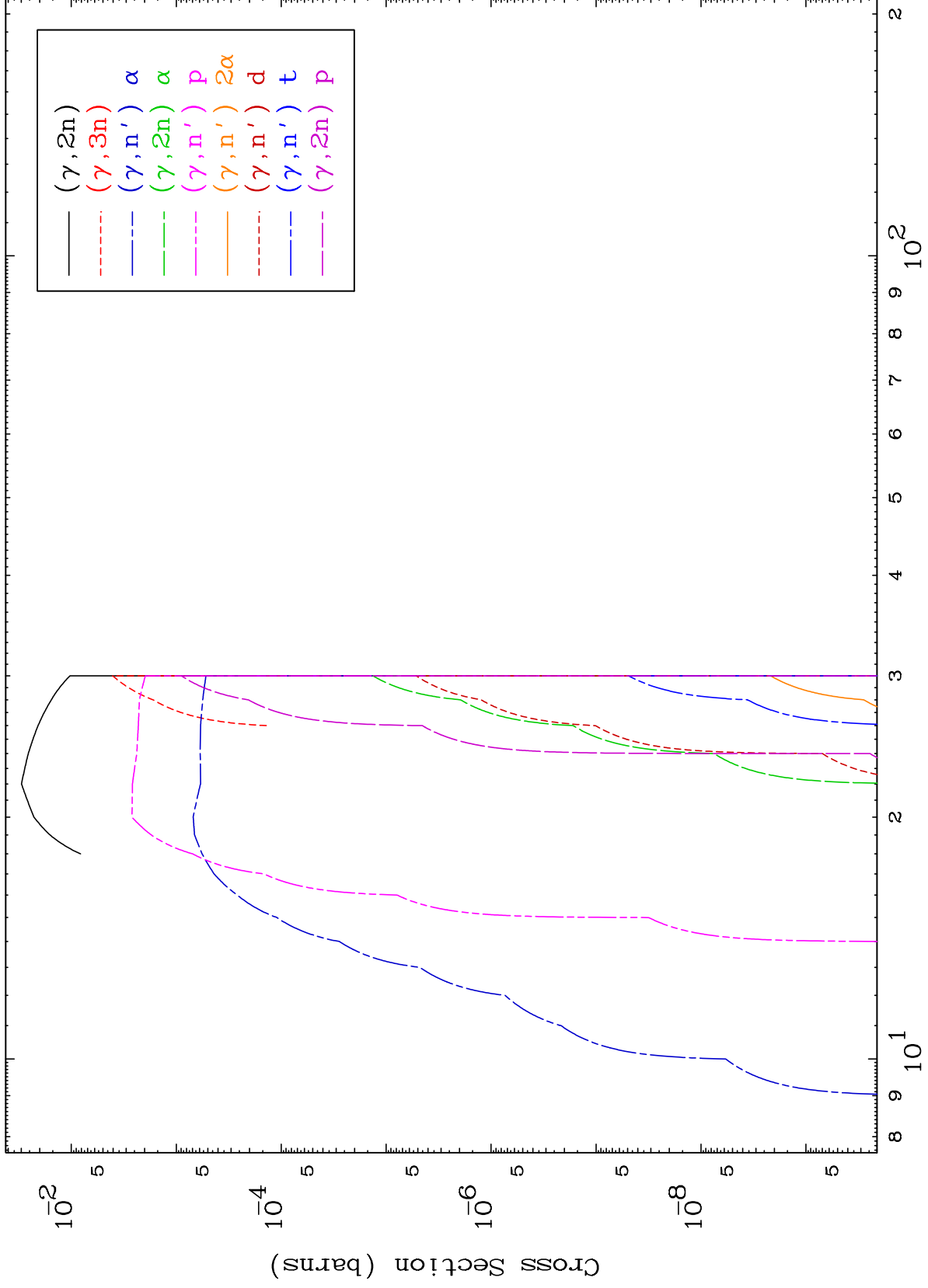
66-Dy-151

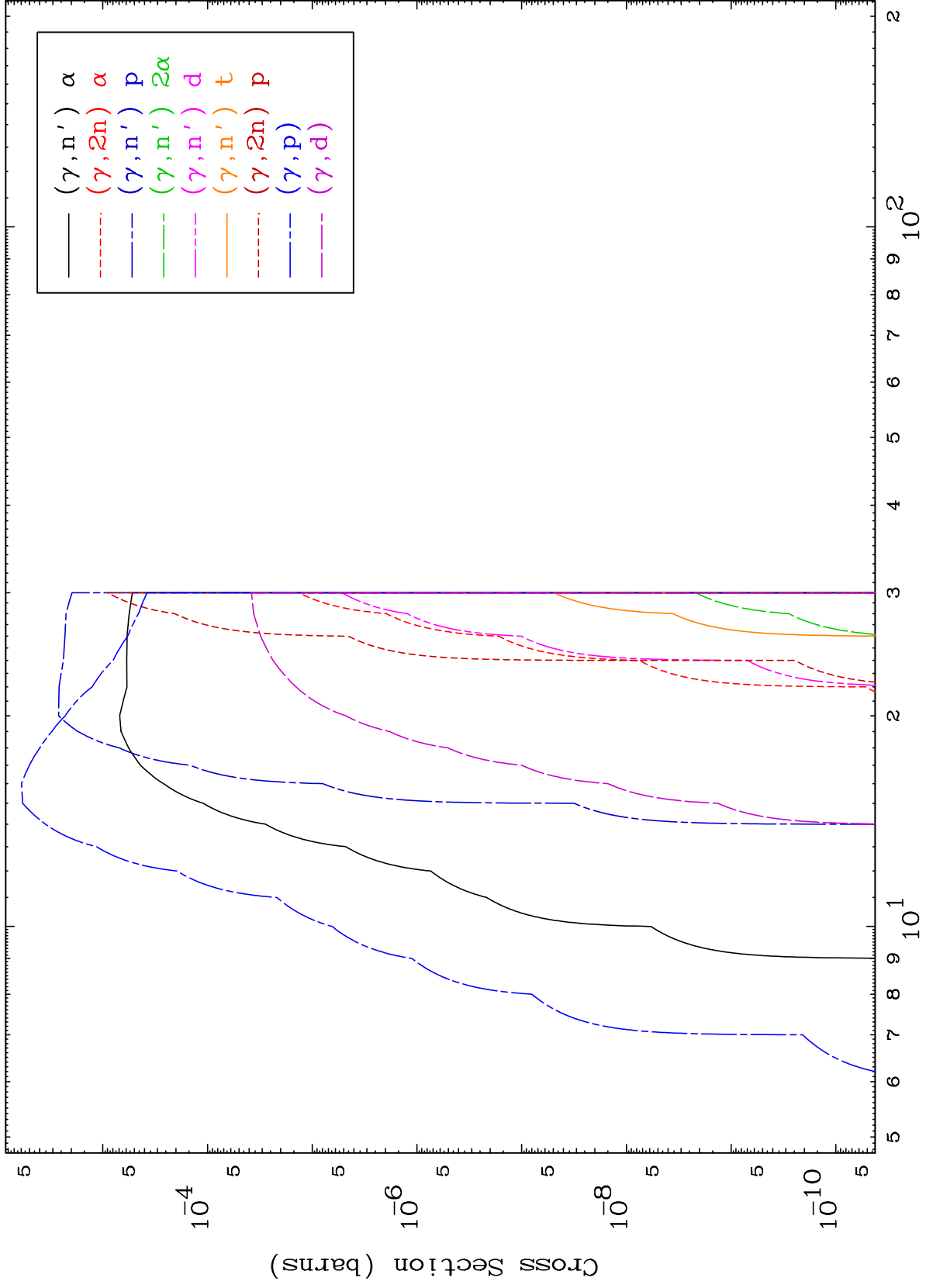
0 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-151

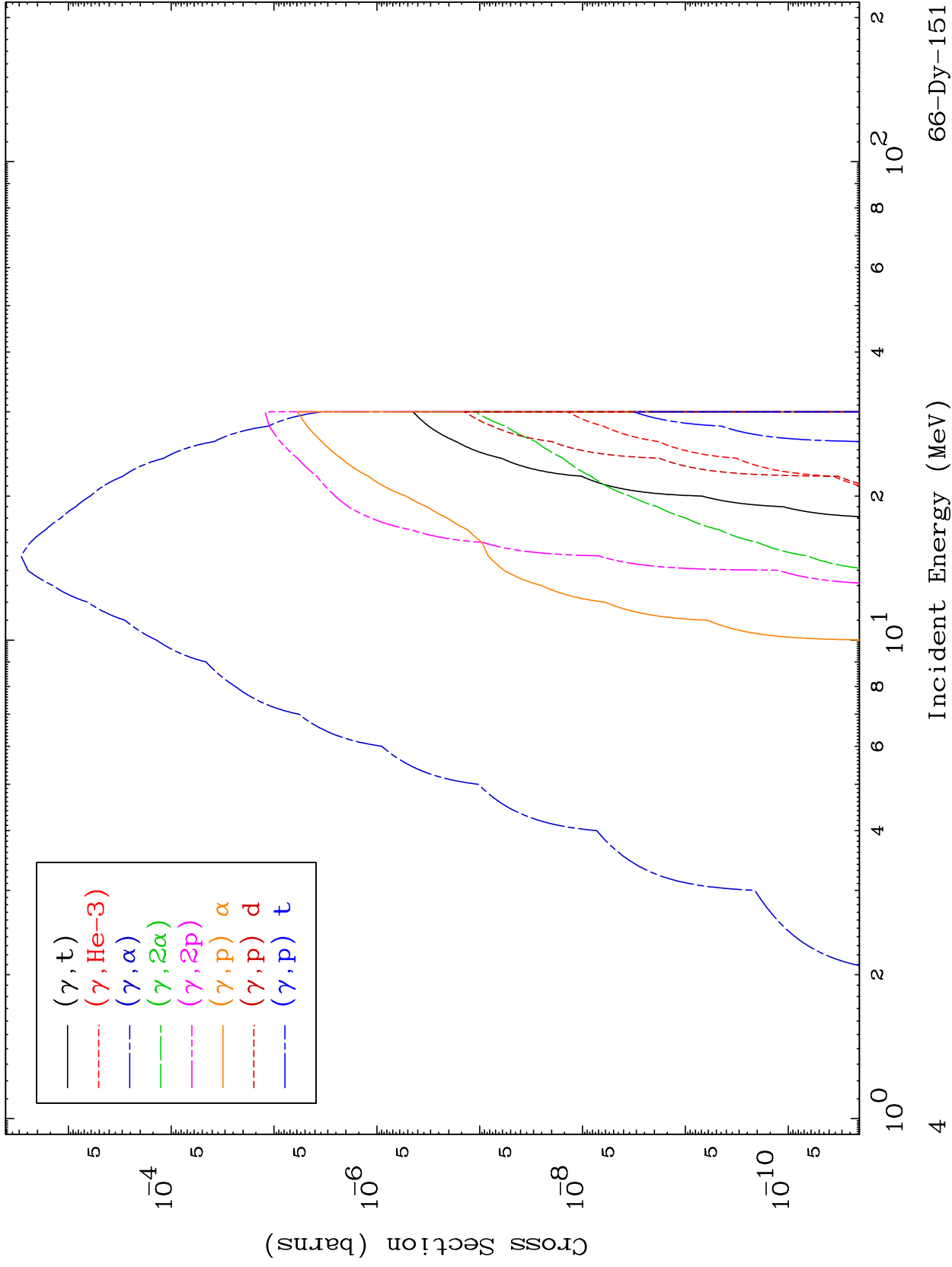




MAT 6610

Photon Charged Particle
0 Kelvin Cross Sections

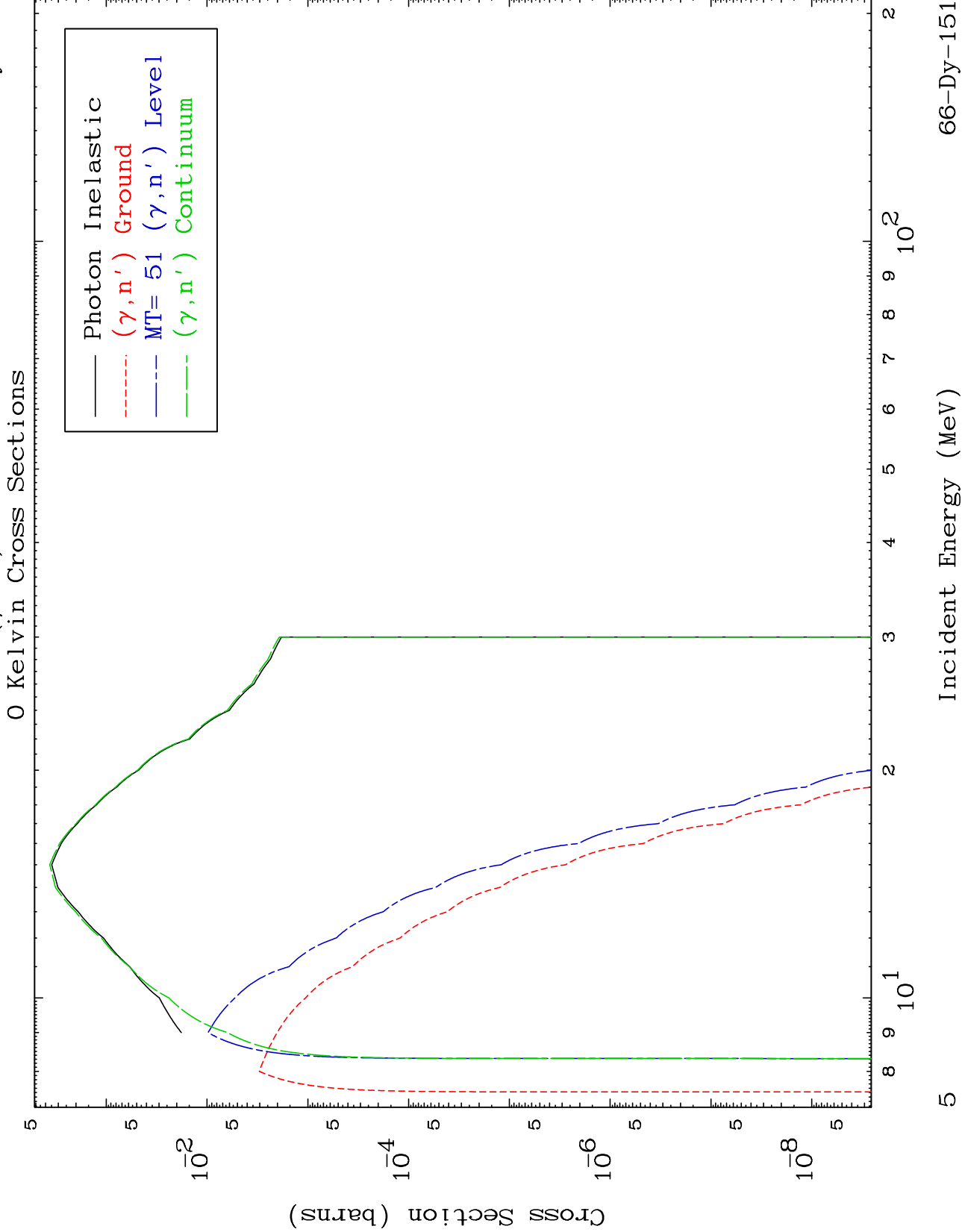
66-Dy-151



MAT 6610

(γ, n') Level

66-Dy-151



5

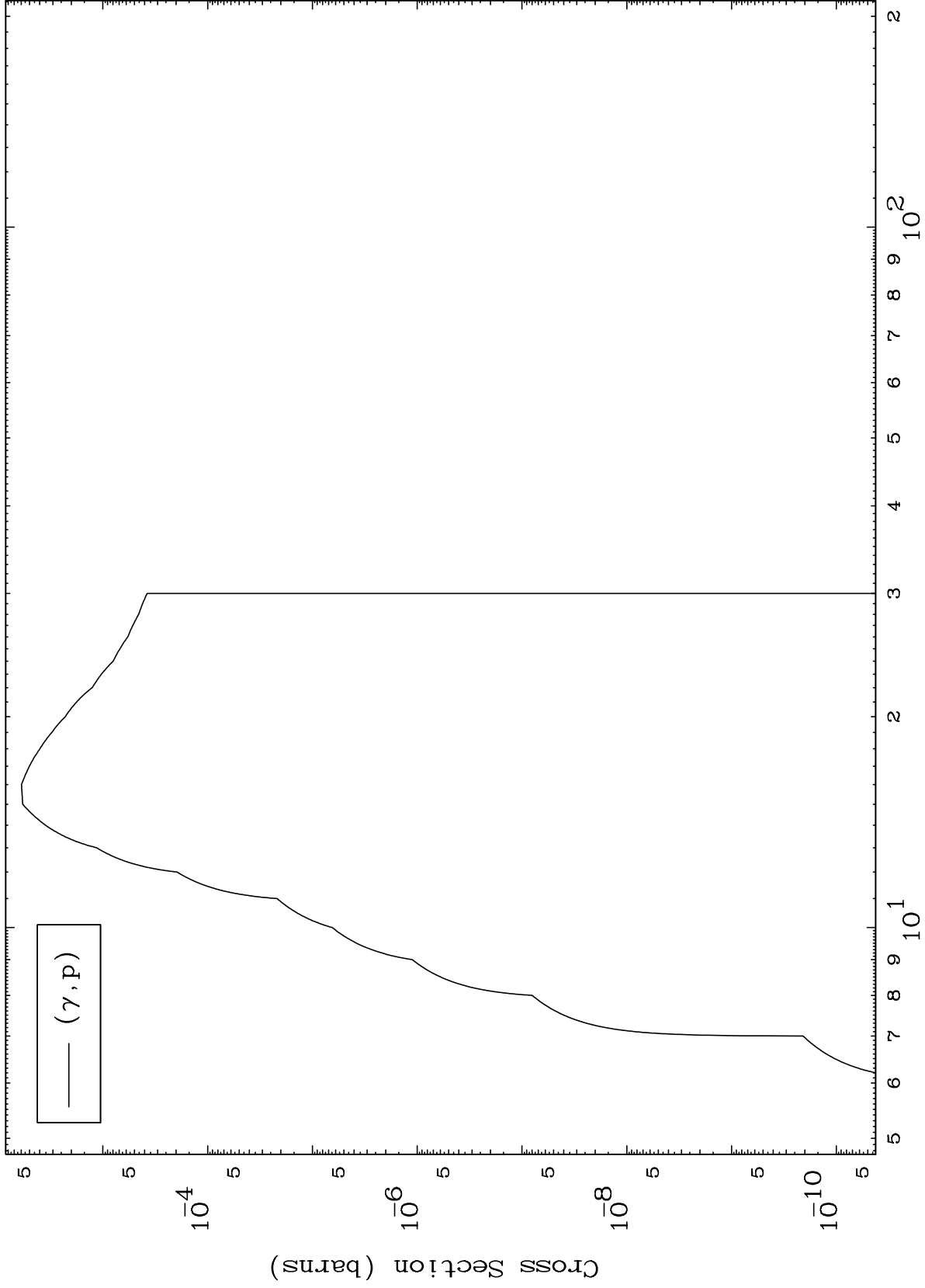
Incident Energy (MeV)

66-Dy-151

MAT 6610

(γ, p) Levels
0 Kelvin Cross Sections

66-Dy-151



6

Incident Energy (MeV)

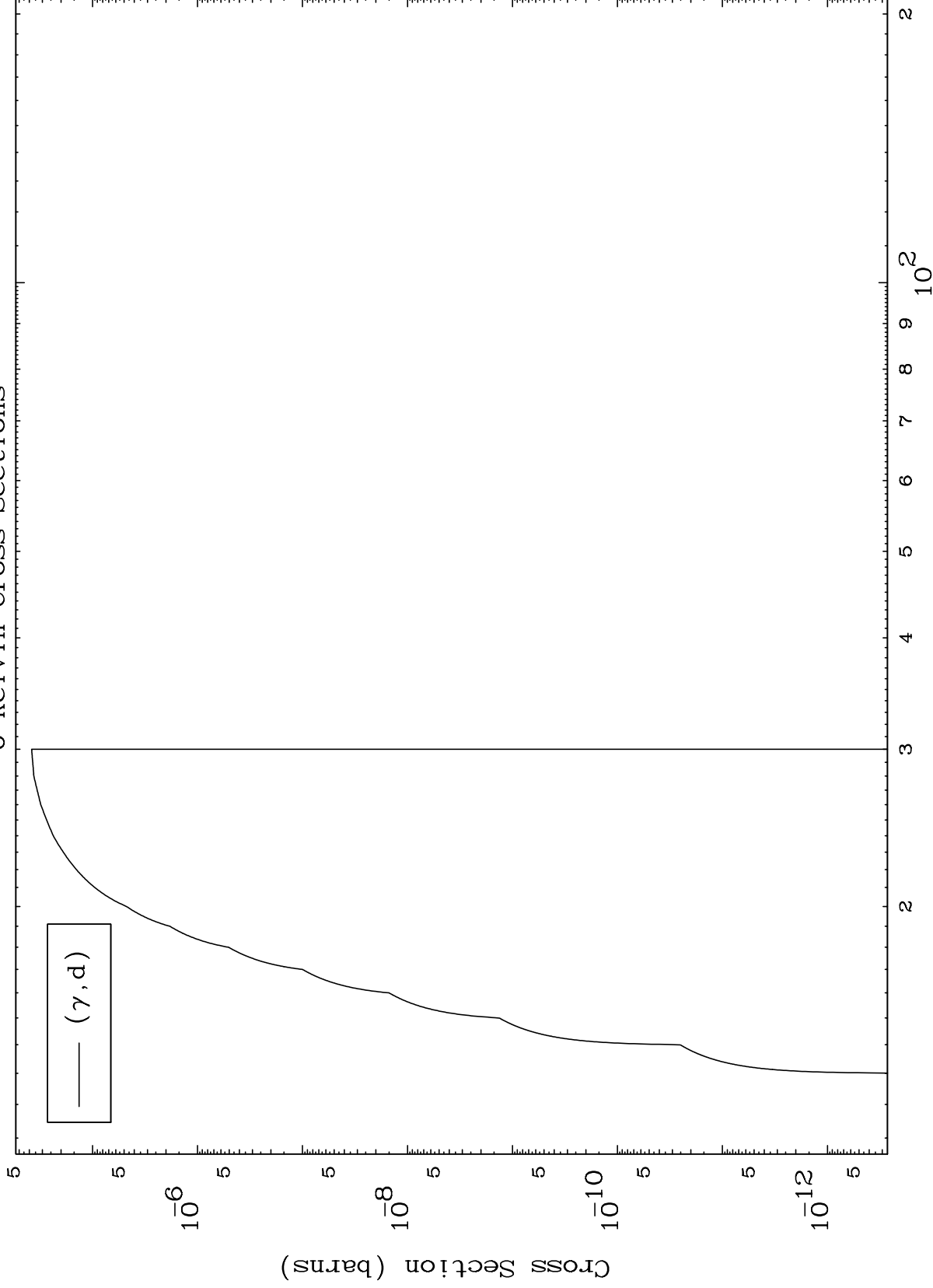
66-Dy-151

MAT 6610

(γ, d) Levels

66-Dy-151

0 Kelvin Cross Sections



7

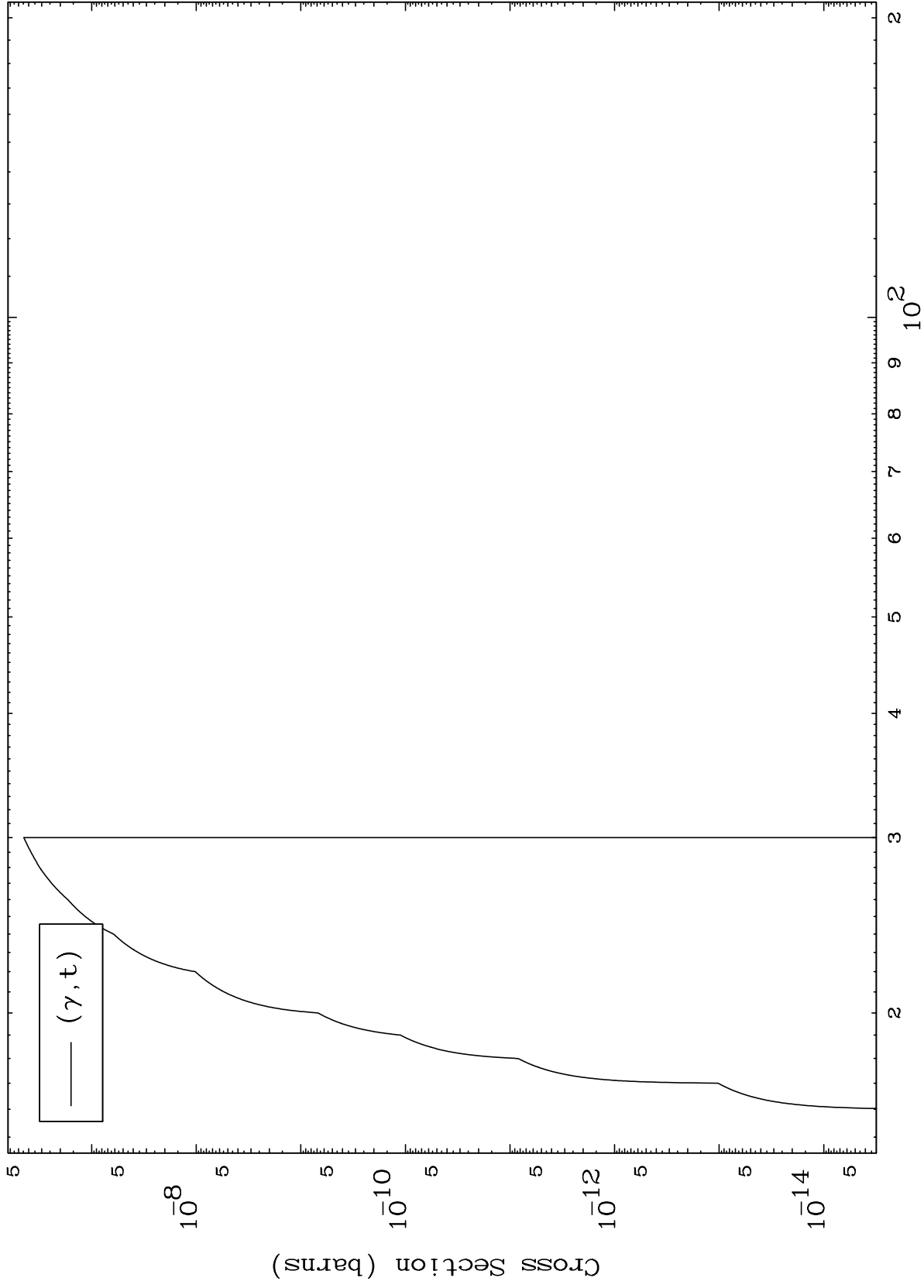
Incident Energy (MeV)

66-Dy-151

MAT 6610

(γ, t) Levels
0 Kelvin Cross Sections

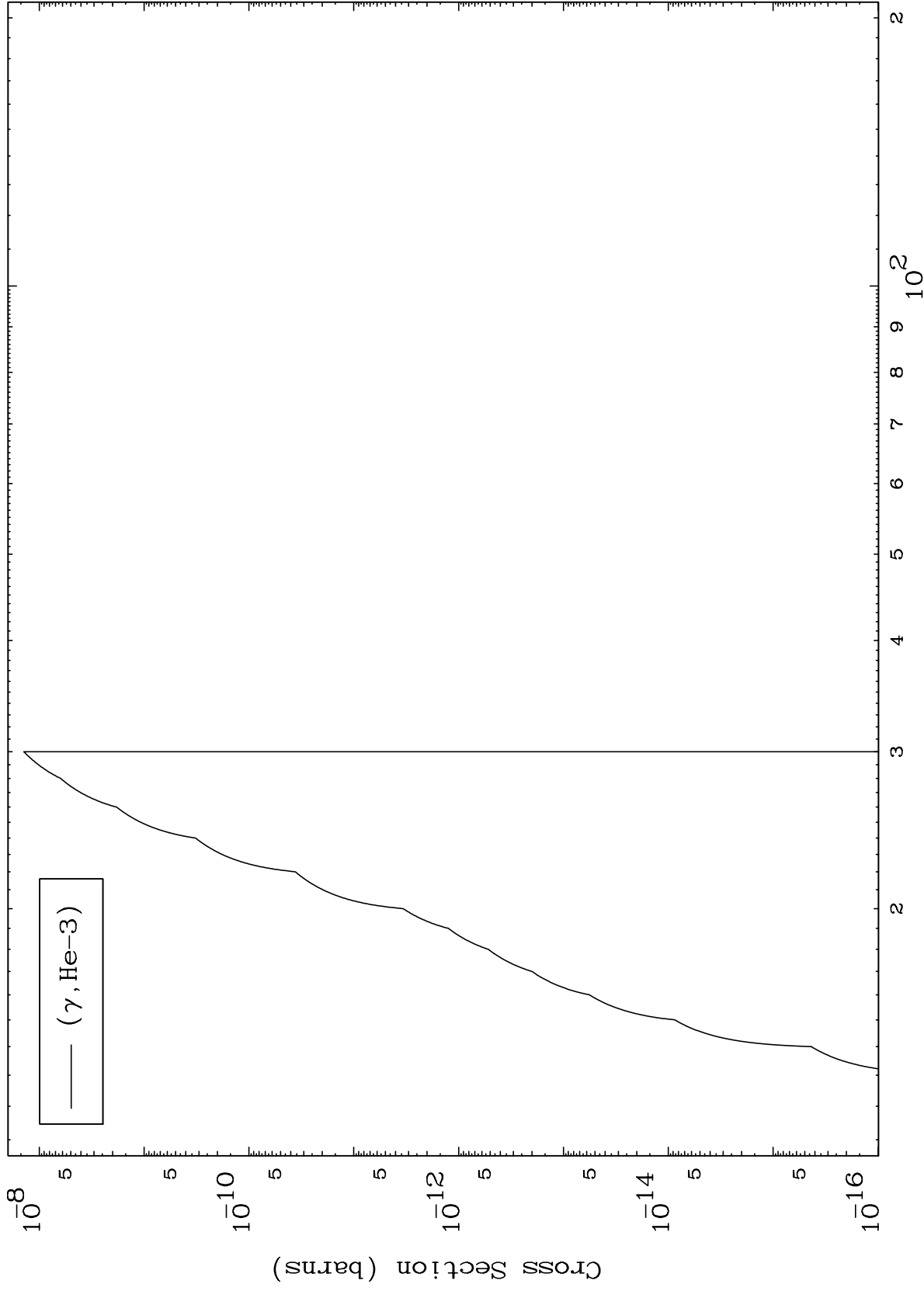
66-Dy-151



8

Incident Energy (MeV)

66-Dy-151

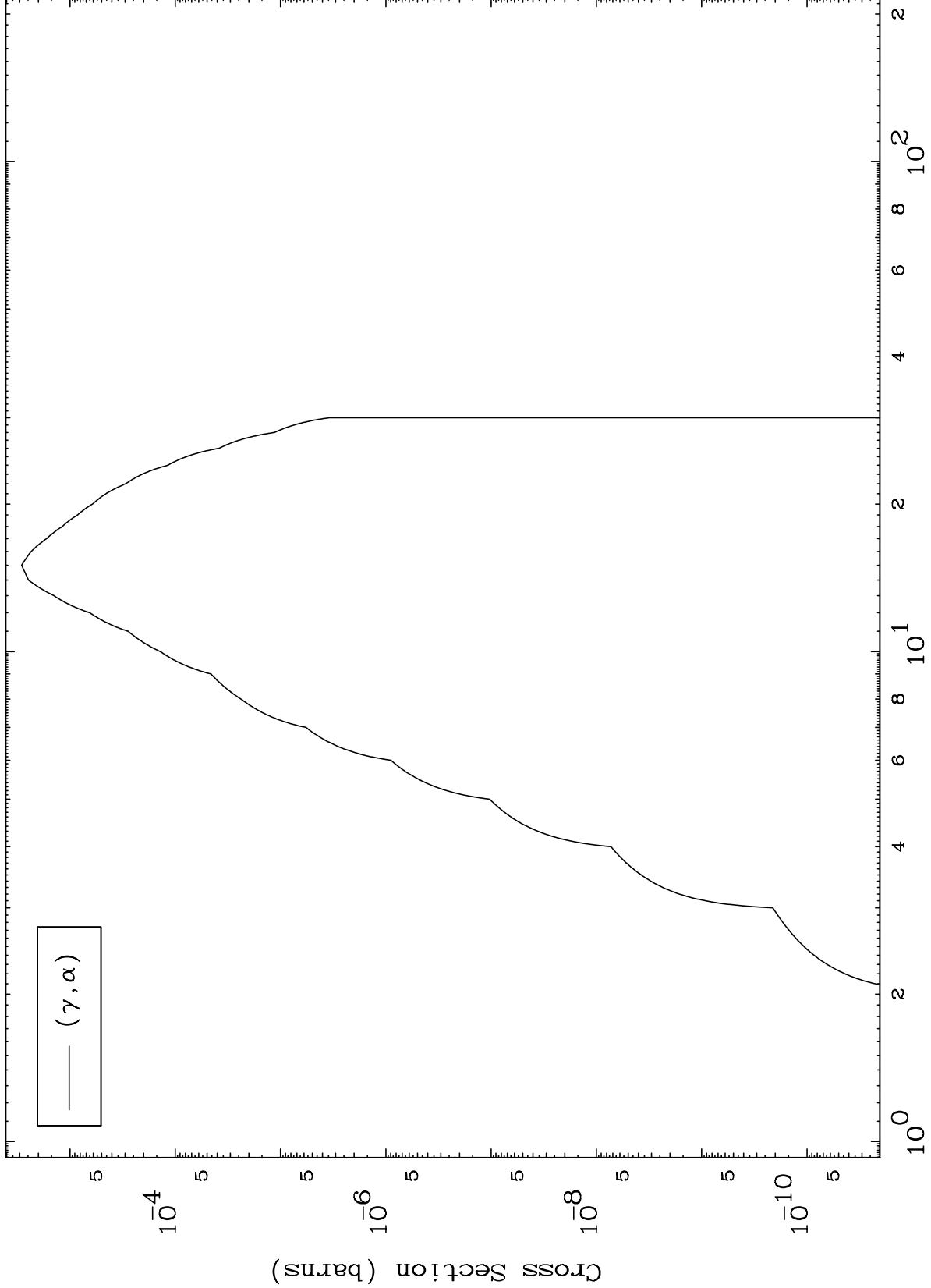


MAT 6610

(γ, α) Levels

66-Dy-151

0 Kelvin Cross Sections



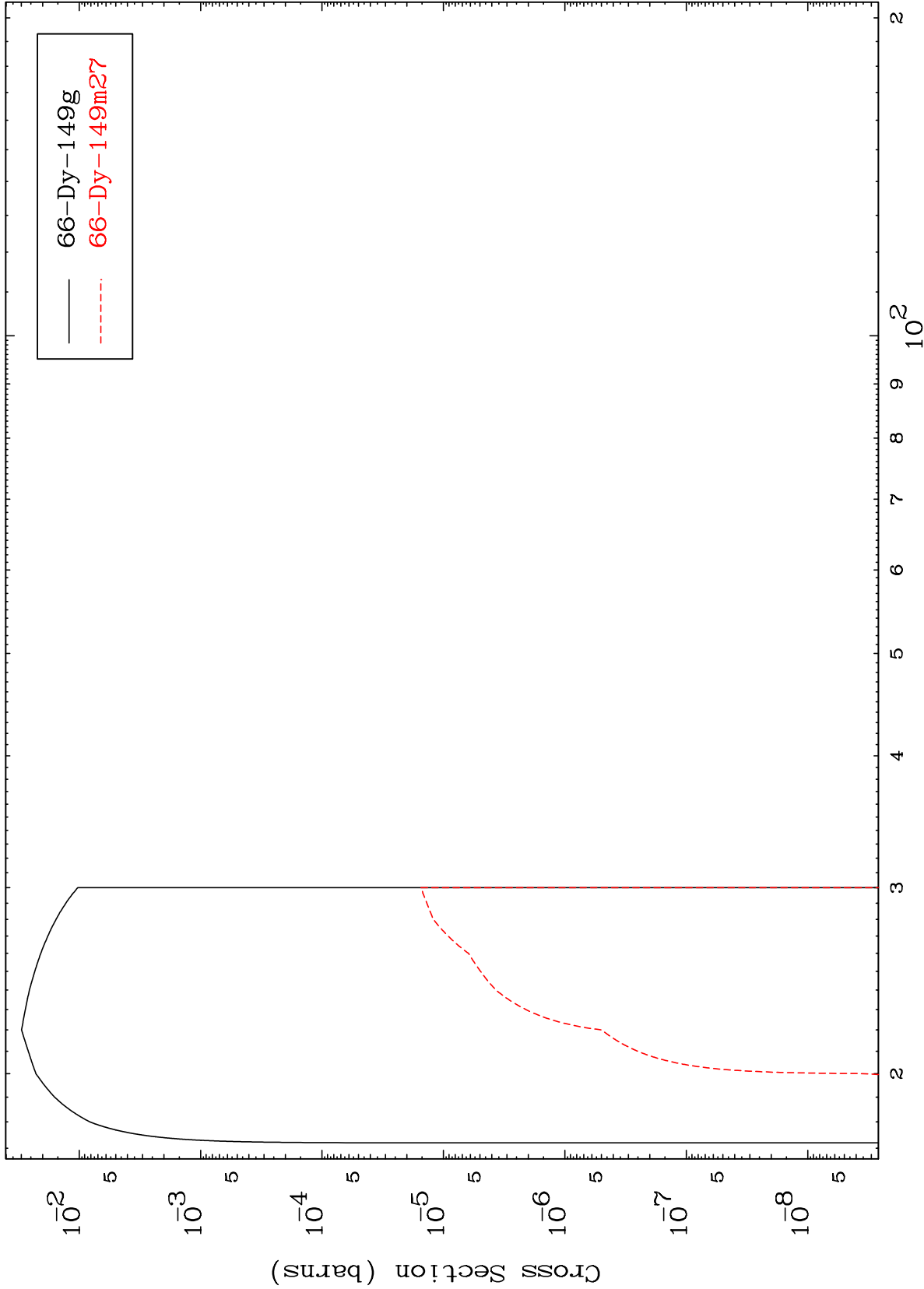
Incident Energy (MeV)

66-Dy-151

MAT 6610

66-Dy-151

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



11

Incident Energy (MeV)

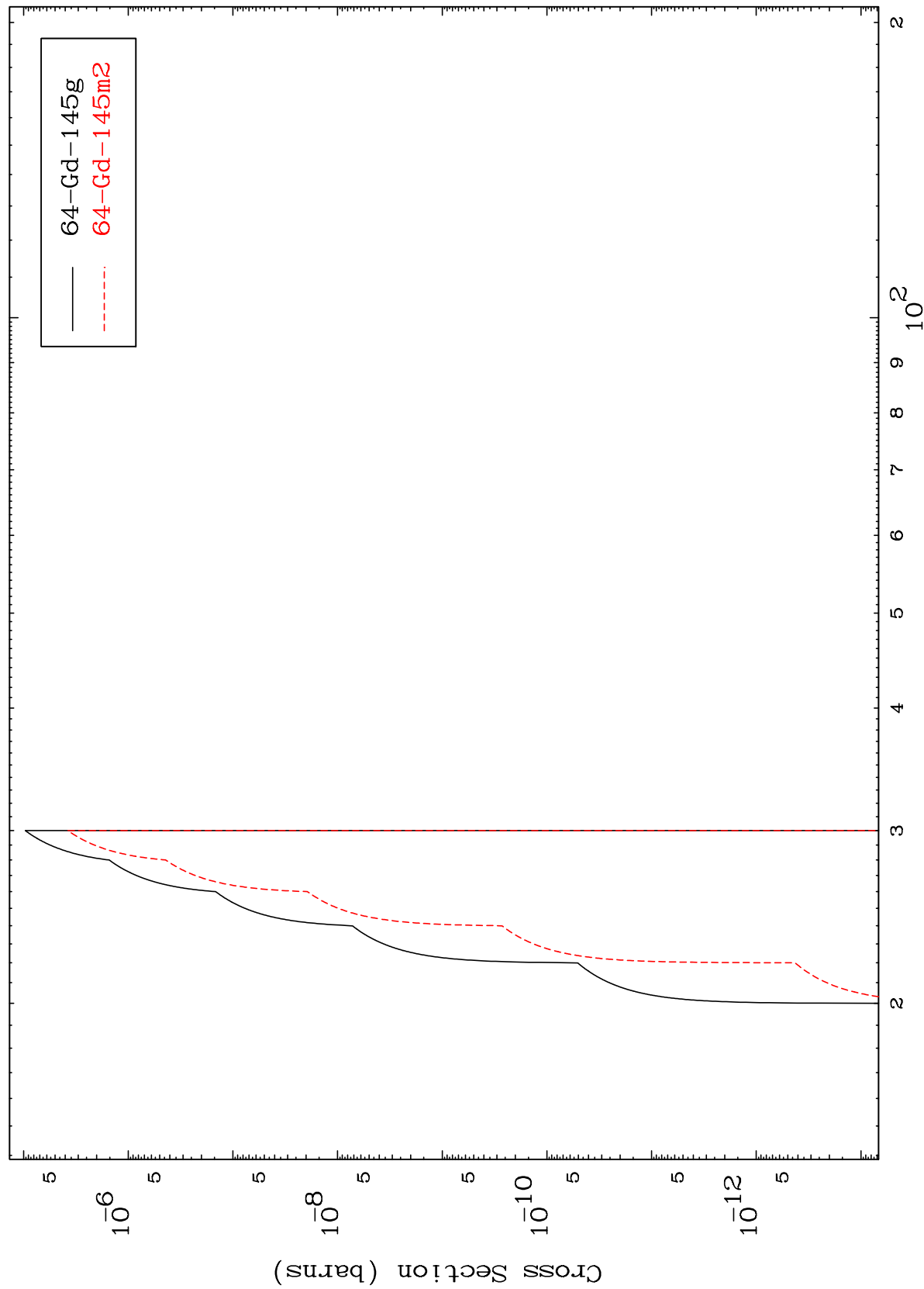
66-Dy-151

MAT 6610

$(\gamma, 2n) \alpha$

66-Dy-151

Radionuclide Production Cross Section

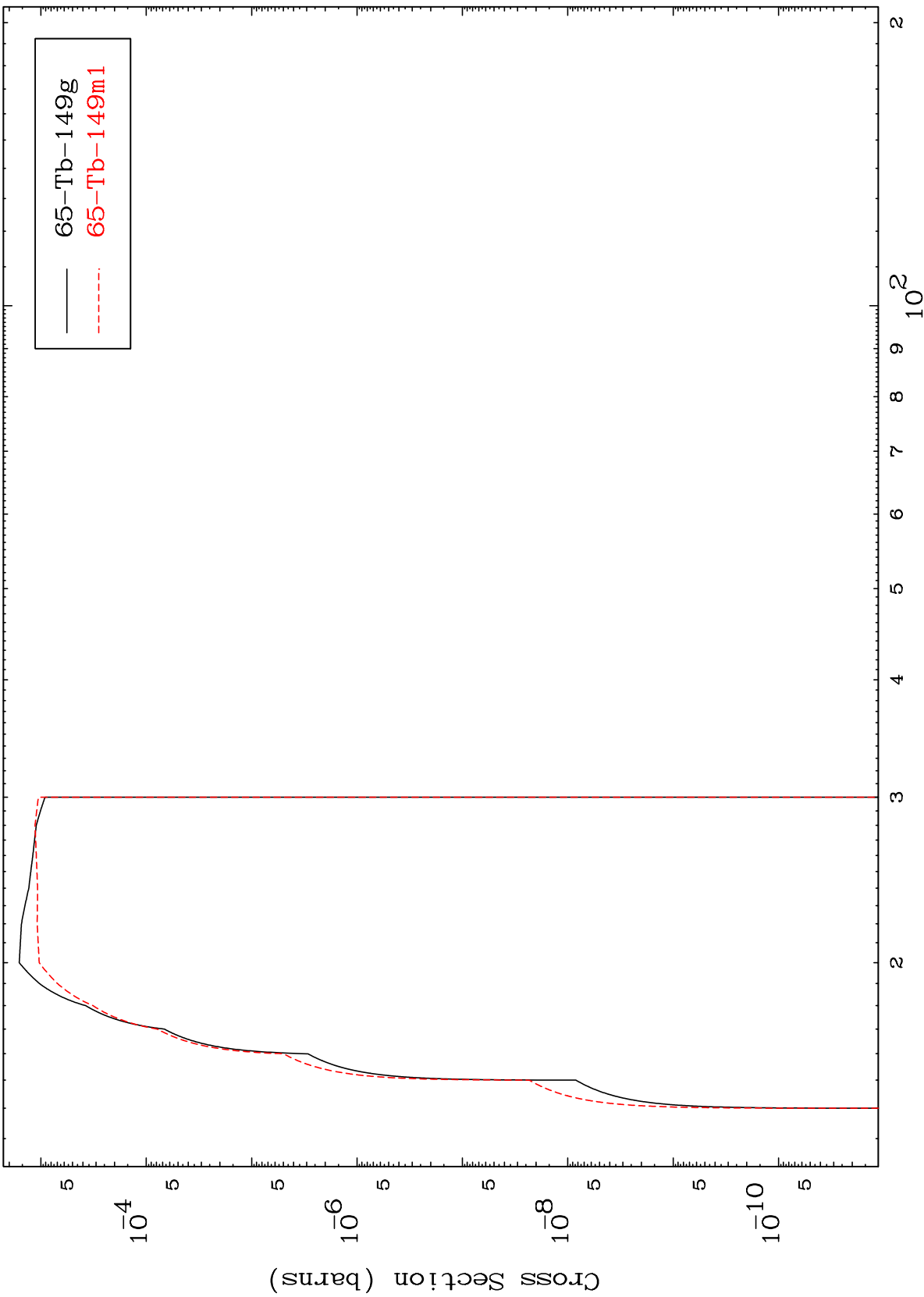


12

Incident Energy (MeV)

66-Dy-151

Radionuclide Production Cross Section

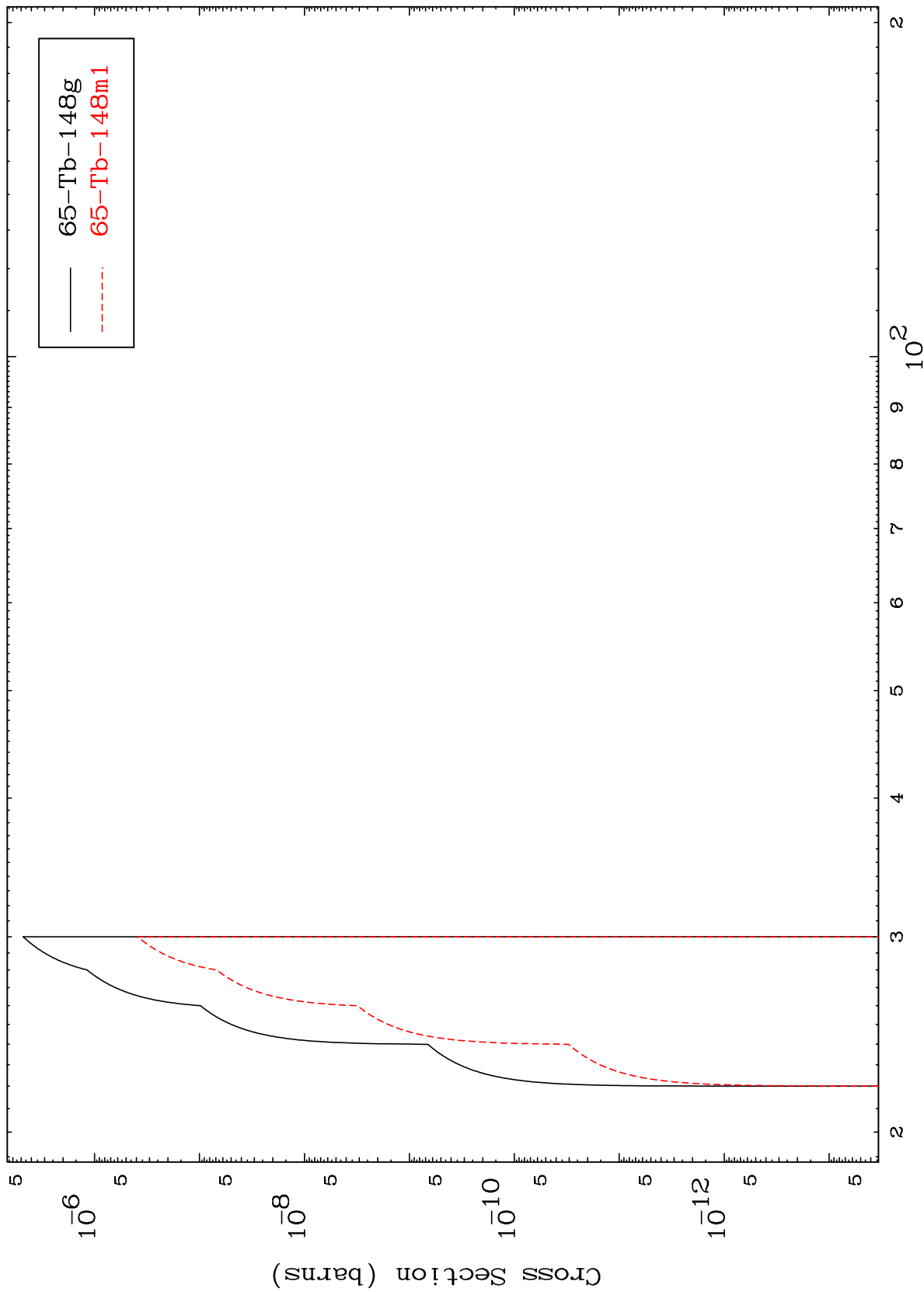


MAT 6610

(γ, n') d

66-Dy-151

Radionuclide Production Cross Section



14

Incident Energy (MeV)

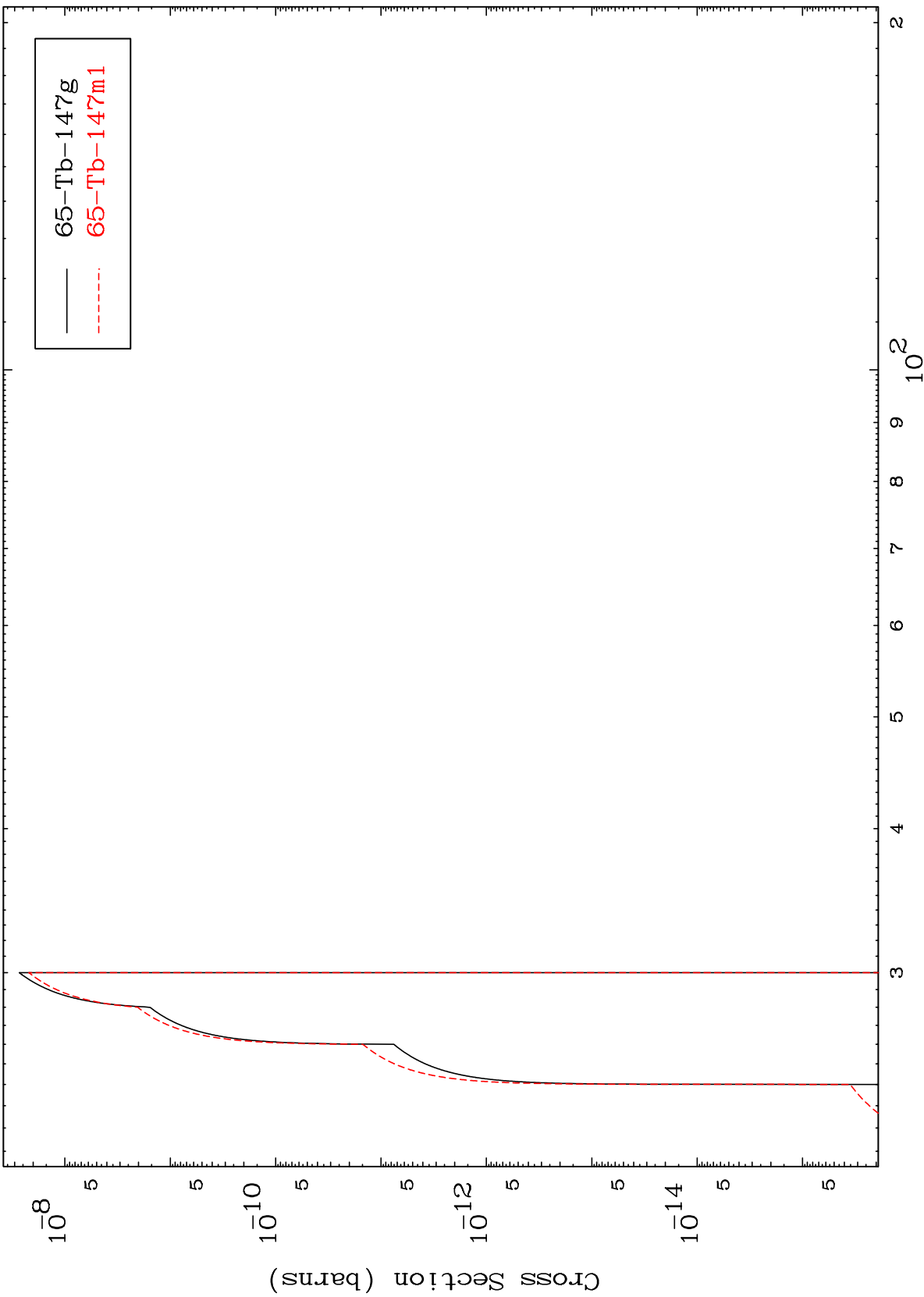
66-Dy-151

MAT 6610

(γ, n') t

66-Dy-151

Radionuclide Production Cross Section

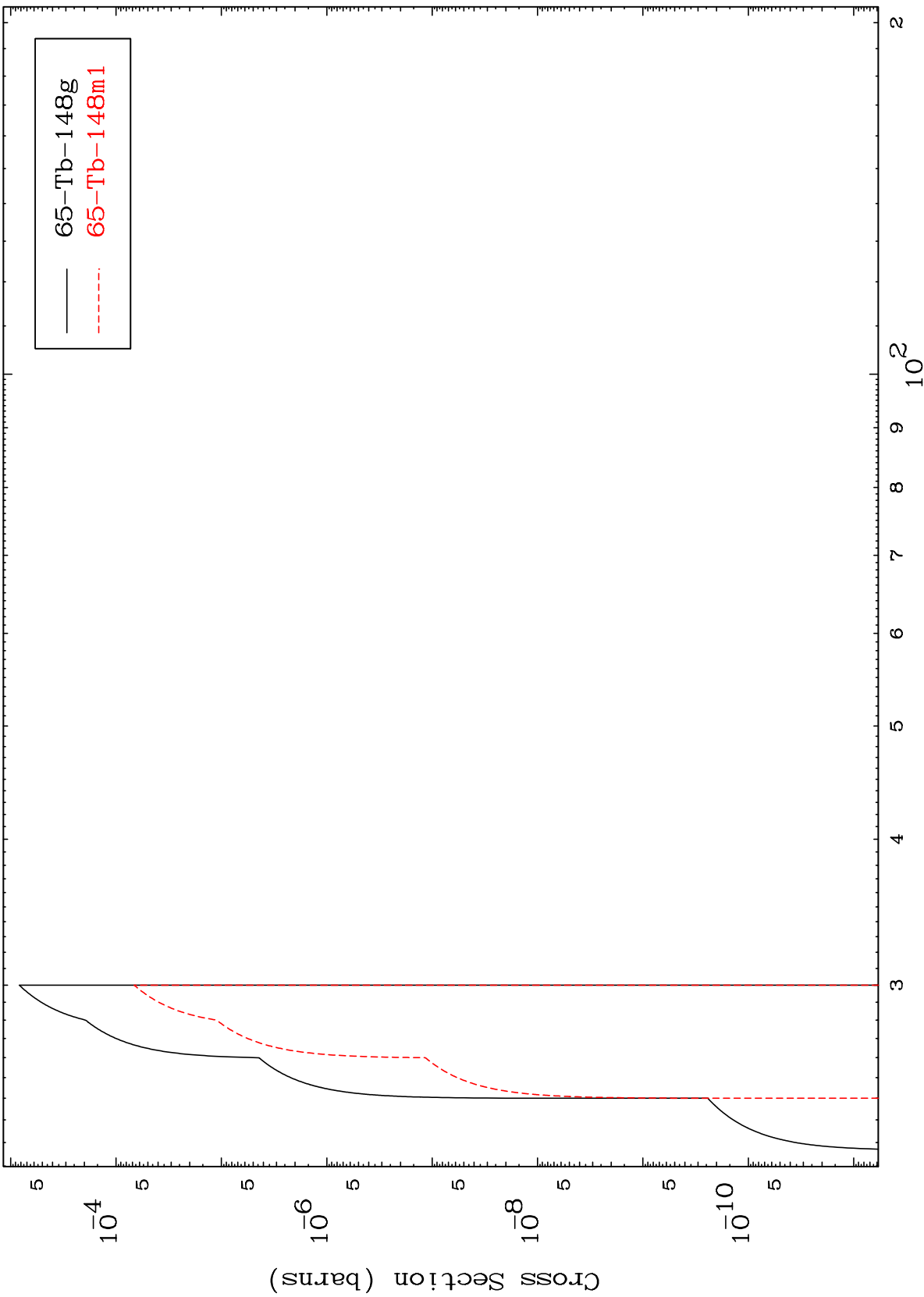


15

Incident Energy (MeV)

66-Dy-151

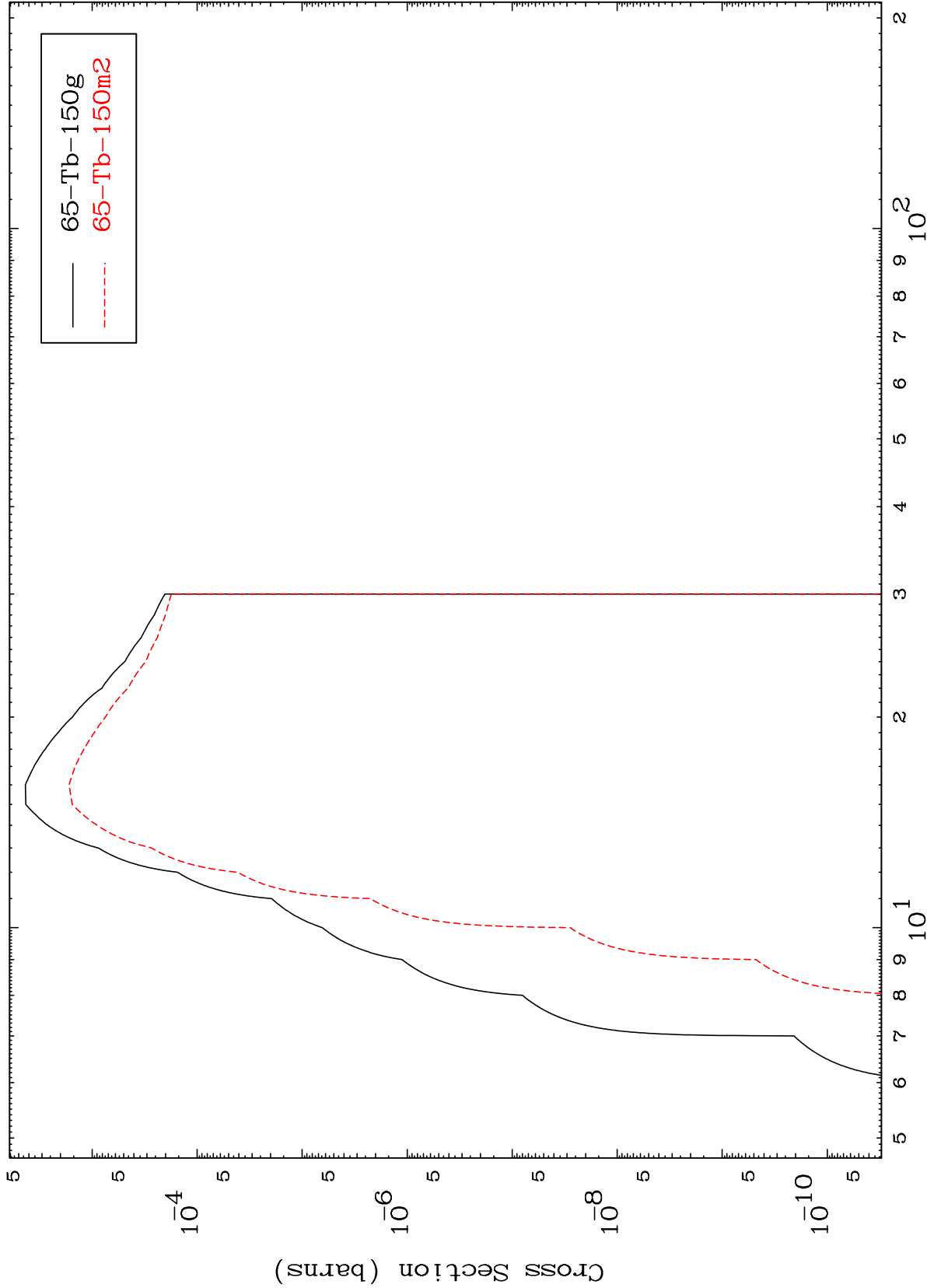
Radionuclide Production Cross Section



MAT 6610

66-Dy-151

Radionuclide Production Cross Section
(γ, p)



17

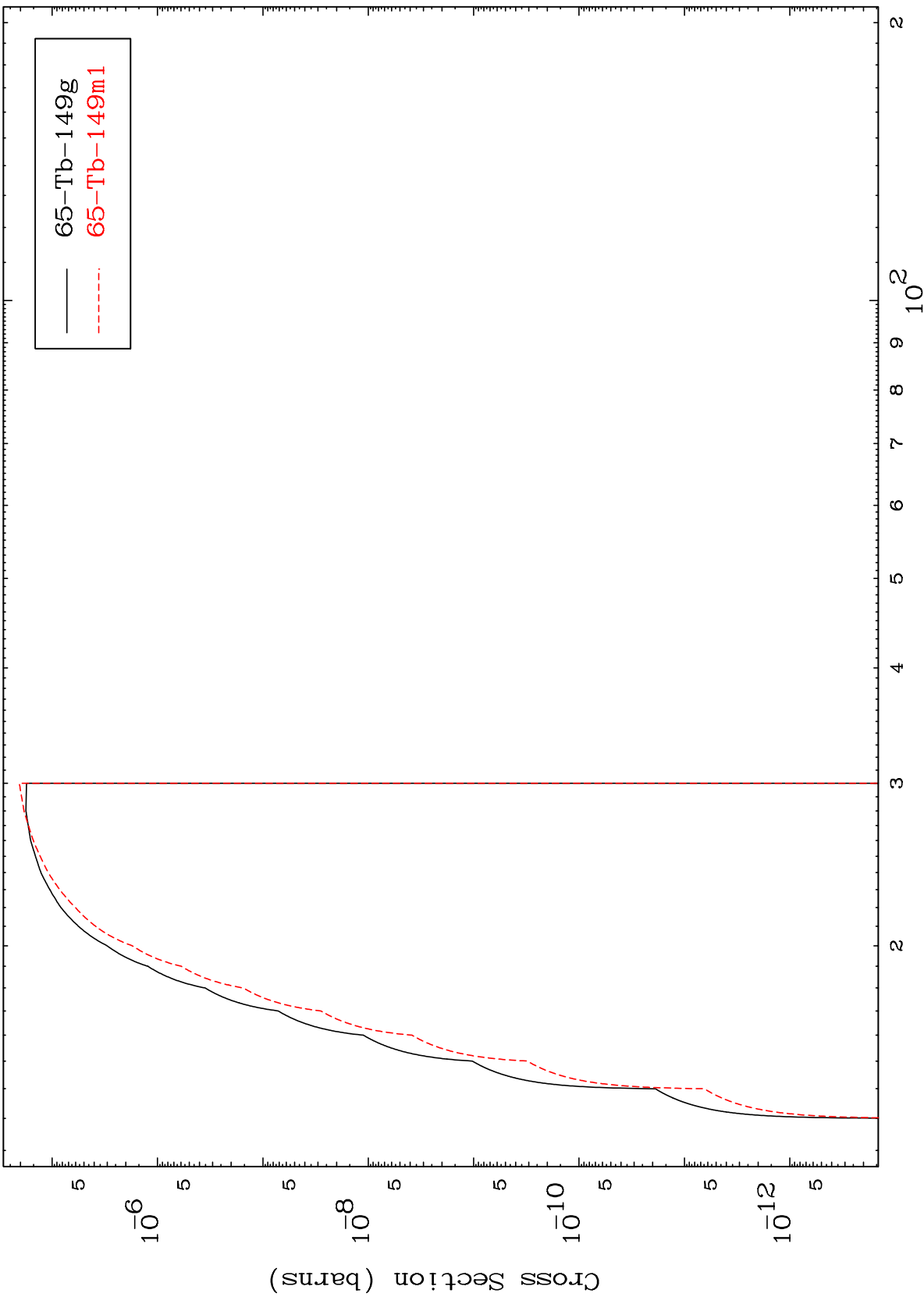
Incident Energy (MeV)

66-Dy-151

MAT 6610

66-Dy-151

(γ, d)
Radionuclide Production Cross Section



18

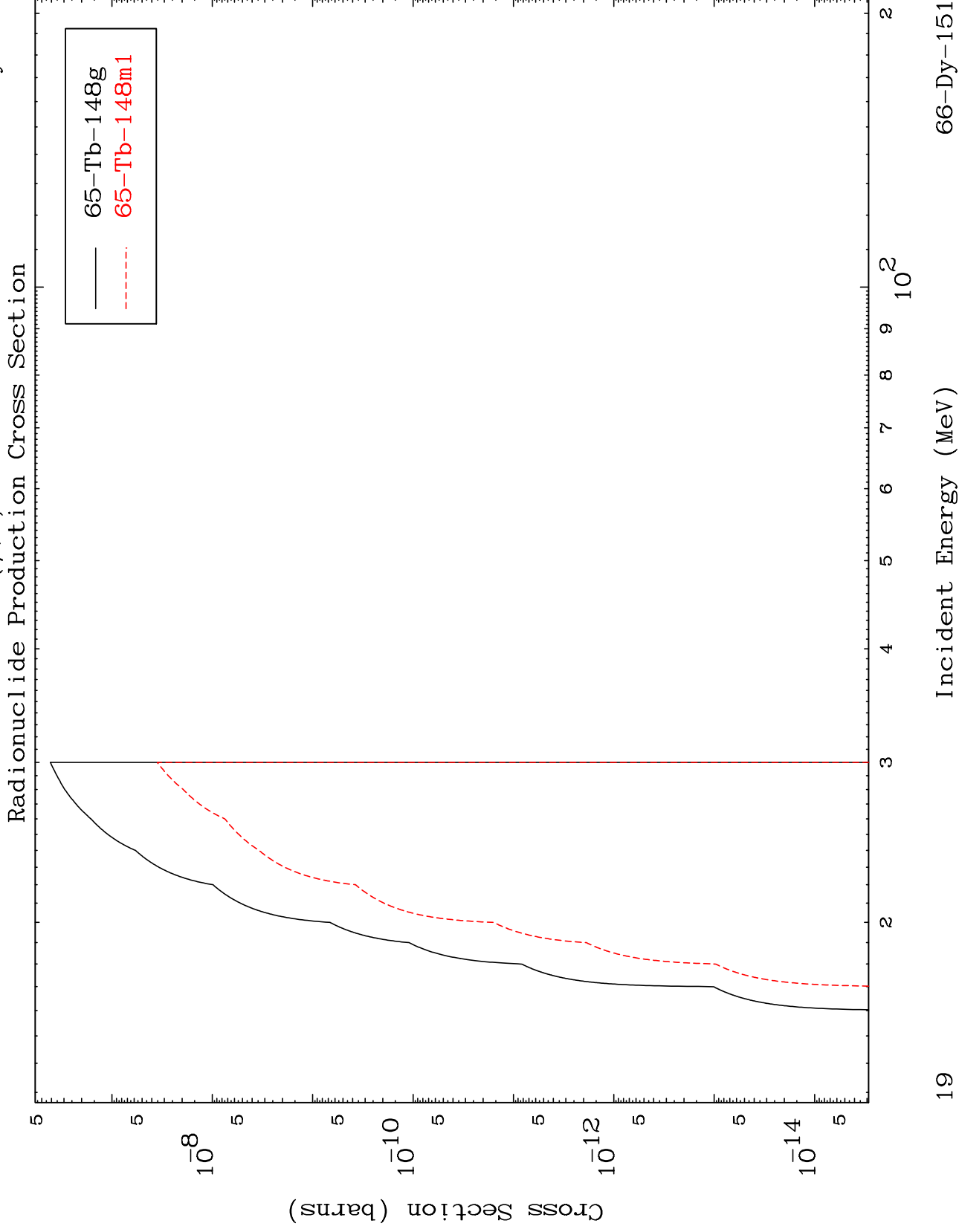
Incident Energy (MeV)

66-Dy-151

MAT 6610

(γ, t)

66-Dy-151



19

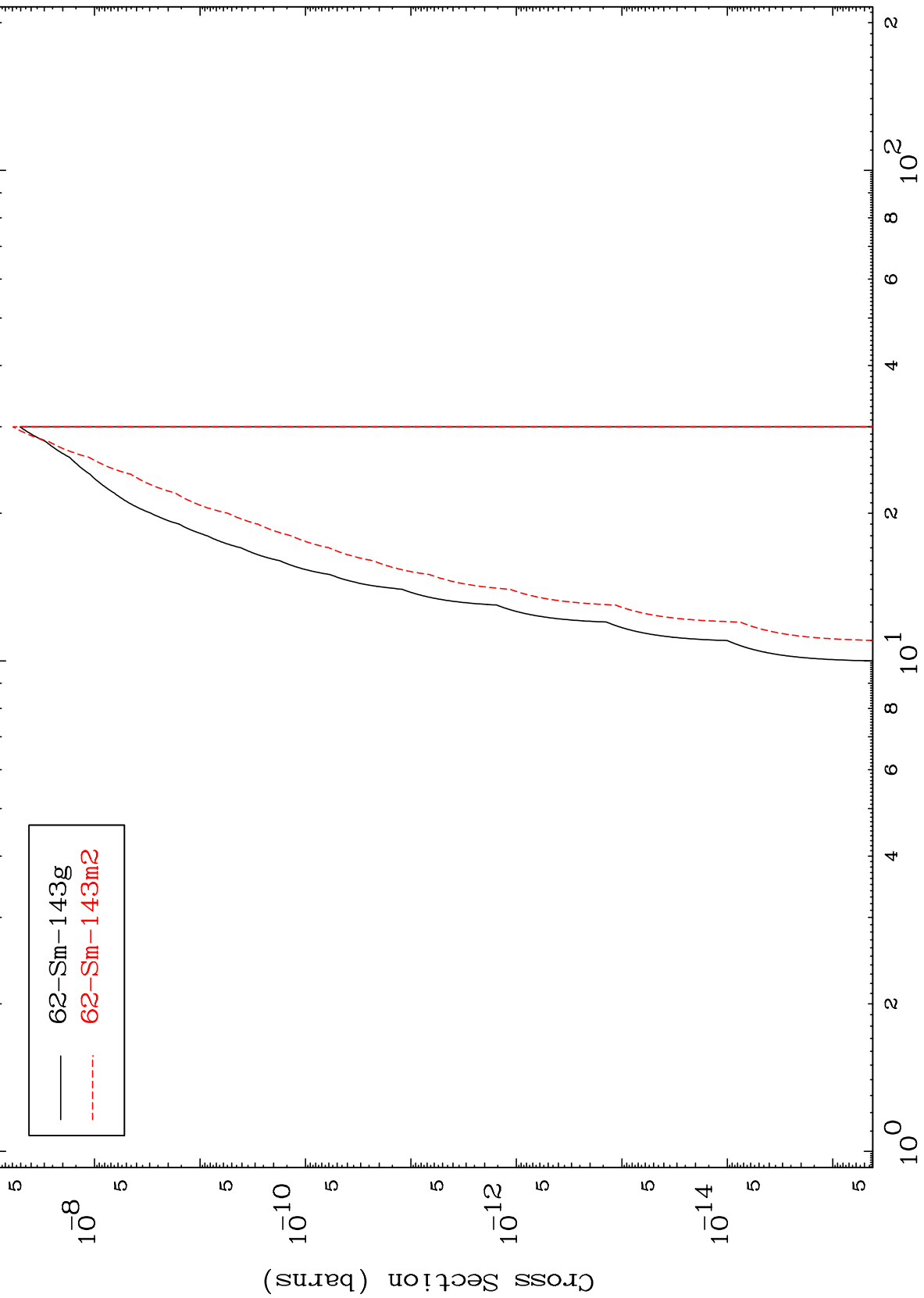
Incident Energy (MeV)

66-Dy-151

MAT 6610

66-Dy-151

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



62-Sm-143g
62-Sm-143m2

66-Dy-151

Incident Energy (MeV)

20