

Program EVALPLOT
(Version 2021-1)

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

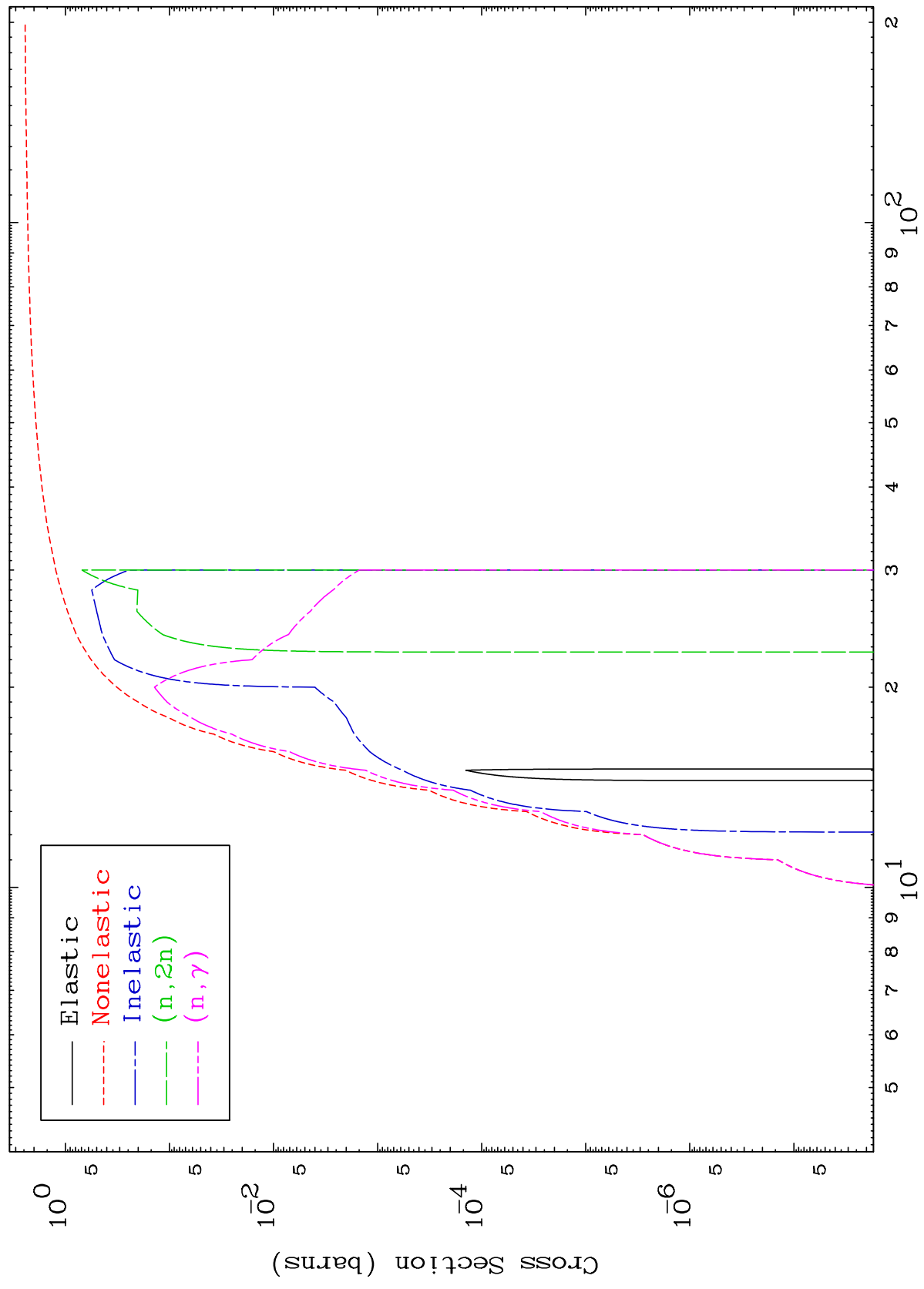
Press Mouse Button to Start

MAT 6610

0 Kelvin

α Major Cross Sections

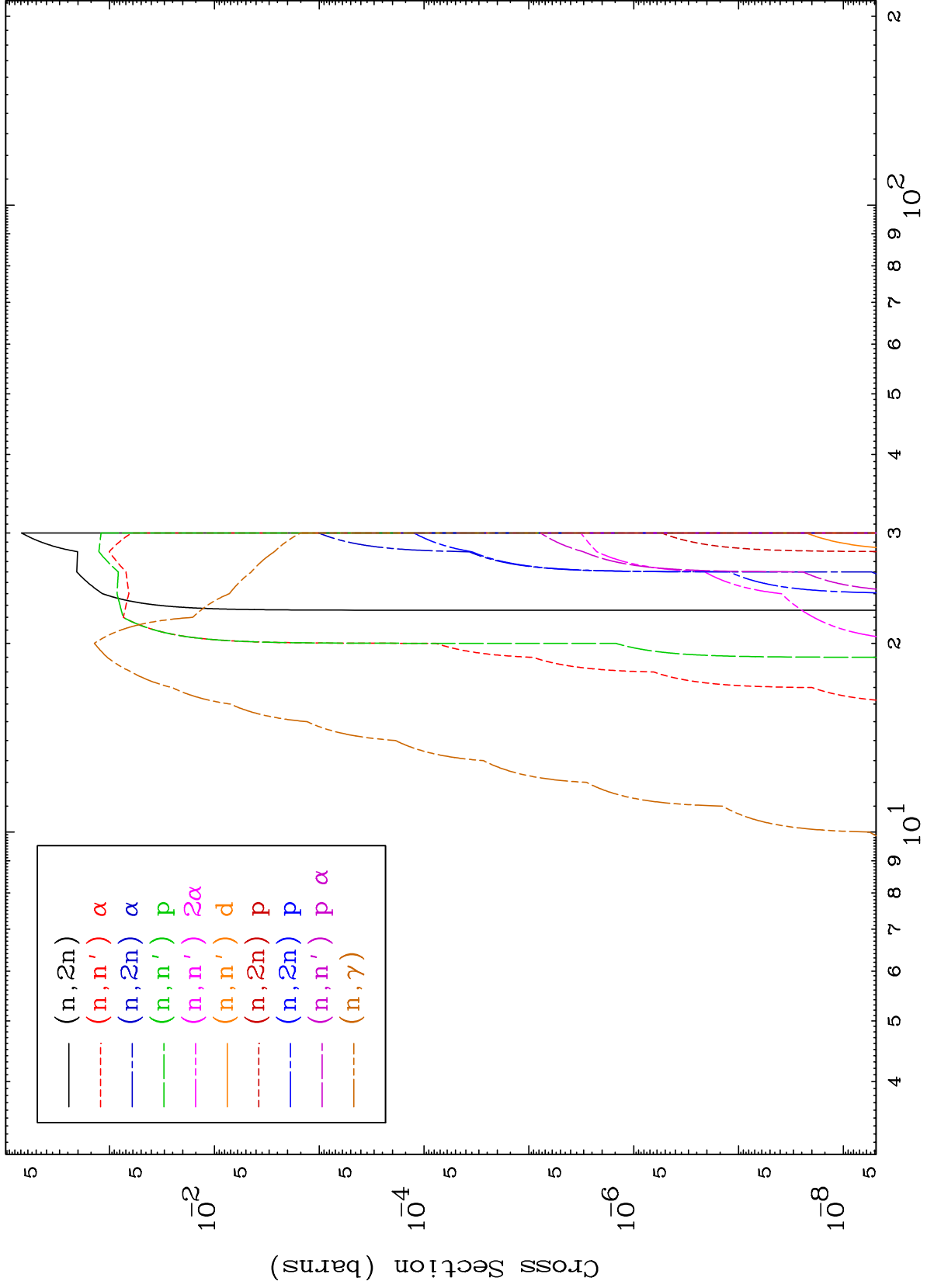
66-Dy-151



1

Incident Energy (MeV)

66-Dy-151

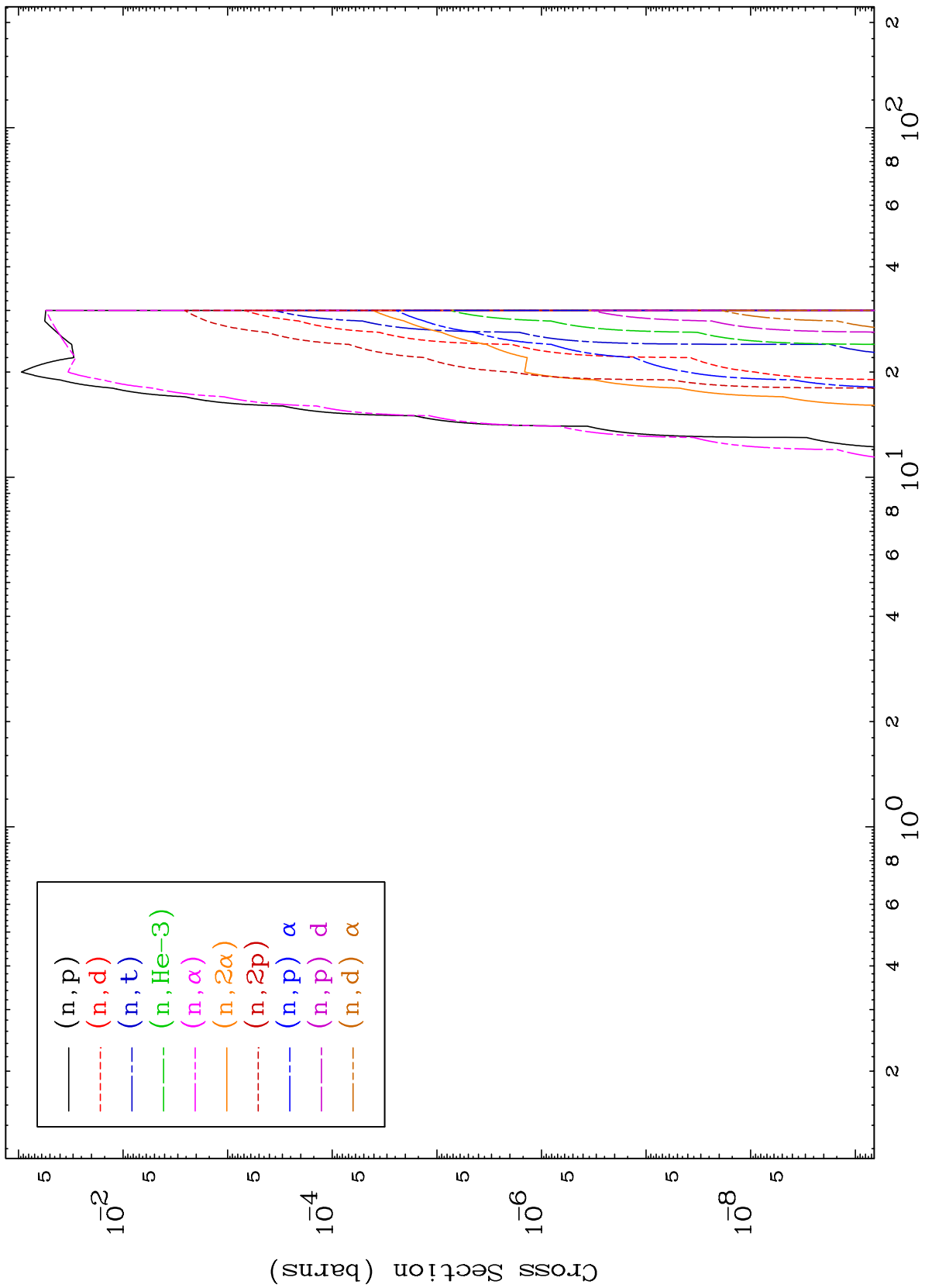


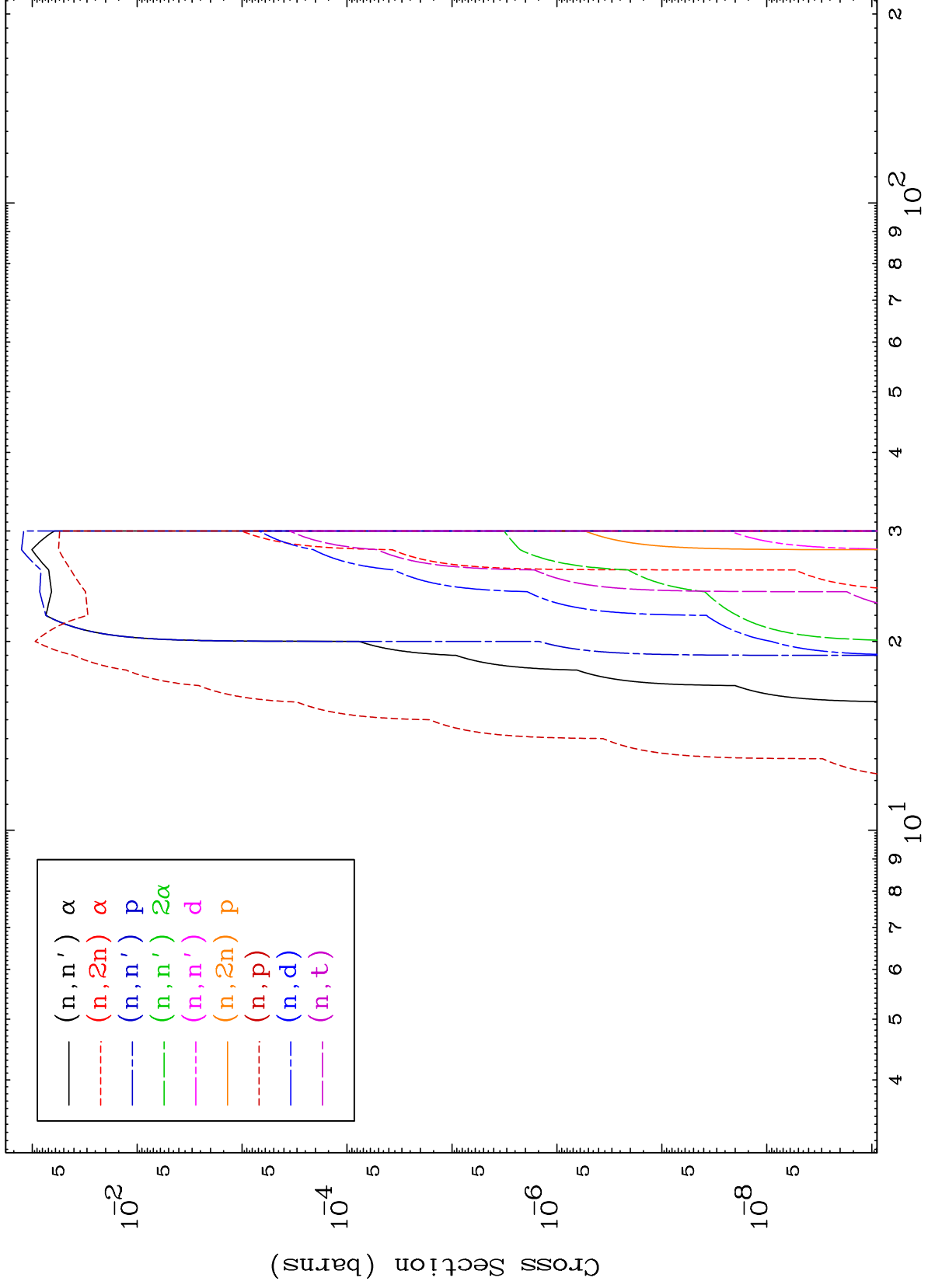
MAT 6610

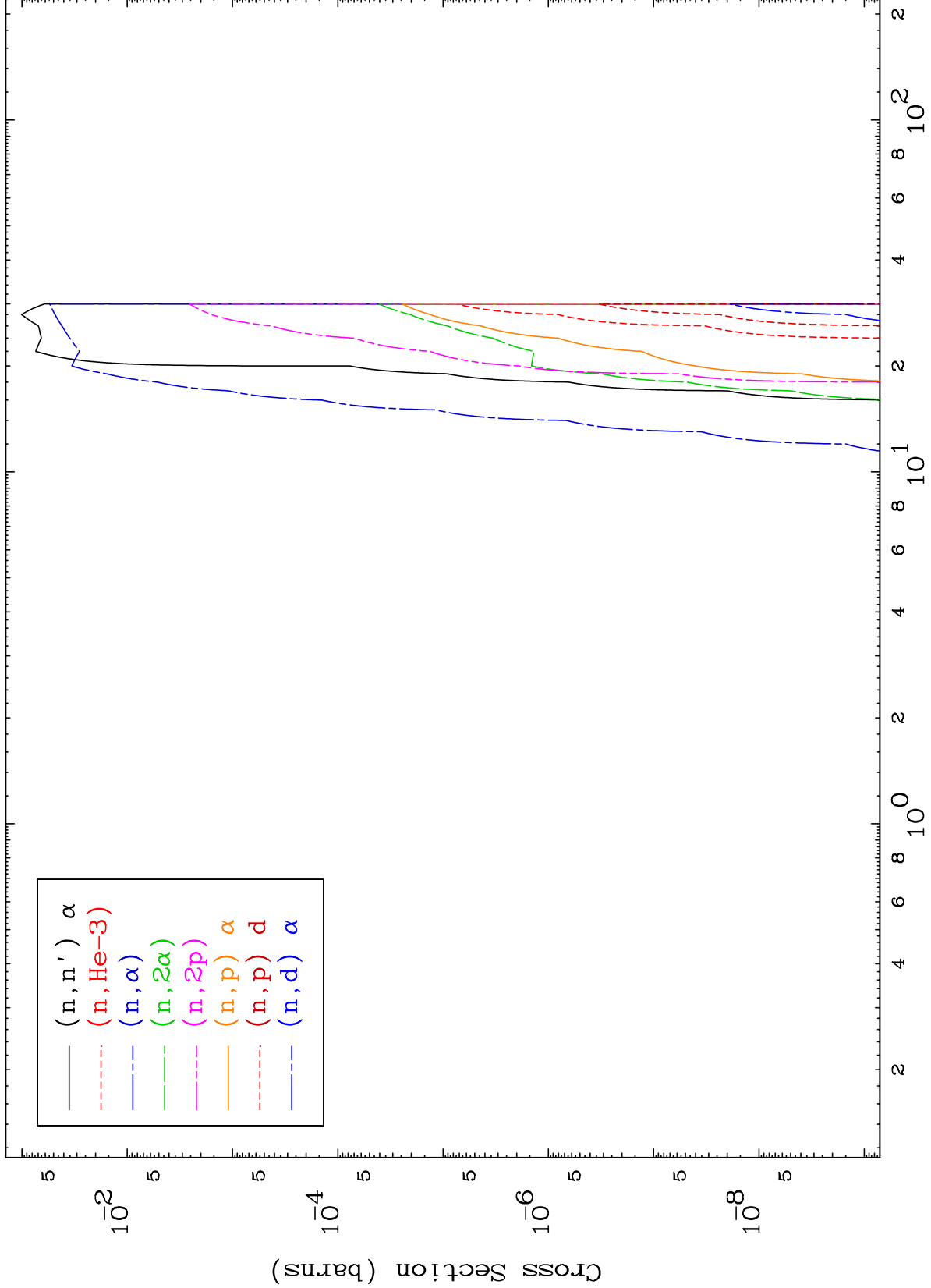
α Neutron Absorption

66-Dy-151

0 Kelvin Cross Sections





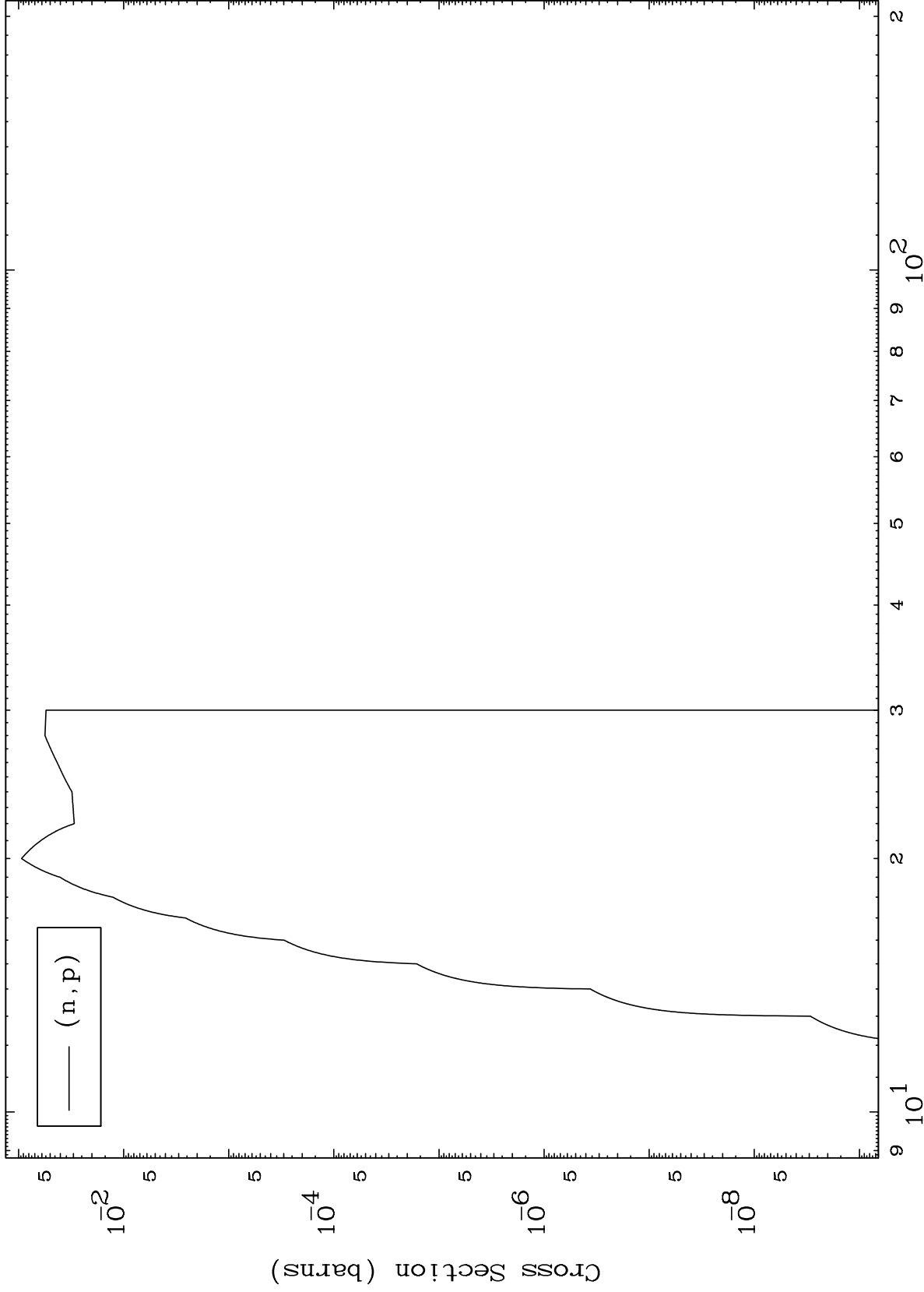


MAT 6610

(α, p) Levels

66-Dy-151

0 Kelvin Cross Sections



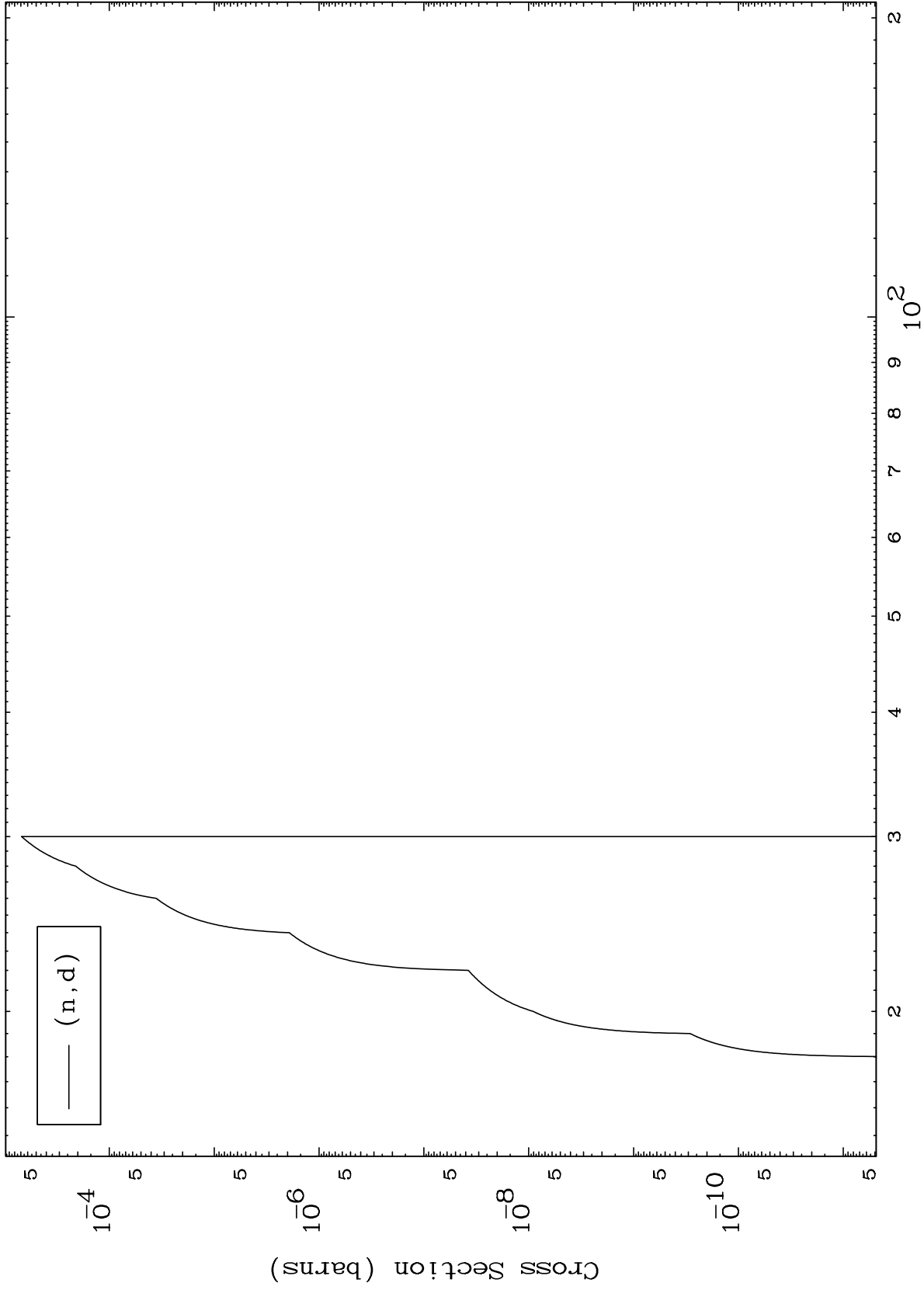
Incident Energy (MeV)

66-Dy-151

MAT 6610

66-Dy-151

(α, d) Levels
0 Kelvin Cross Sections



7

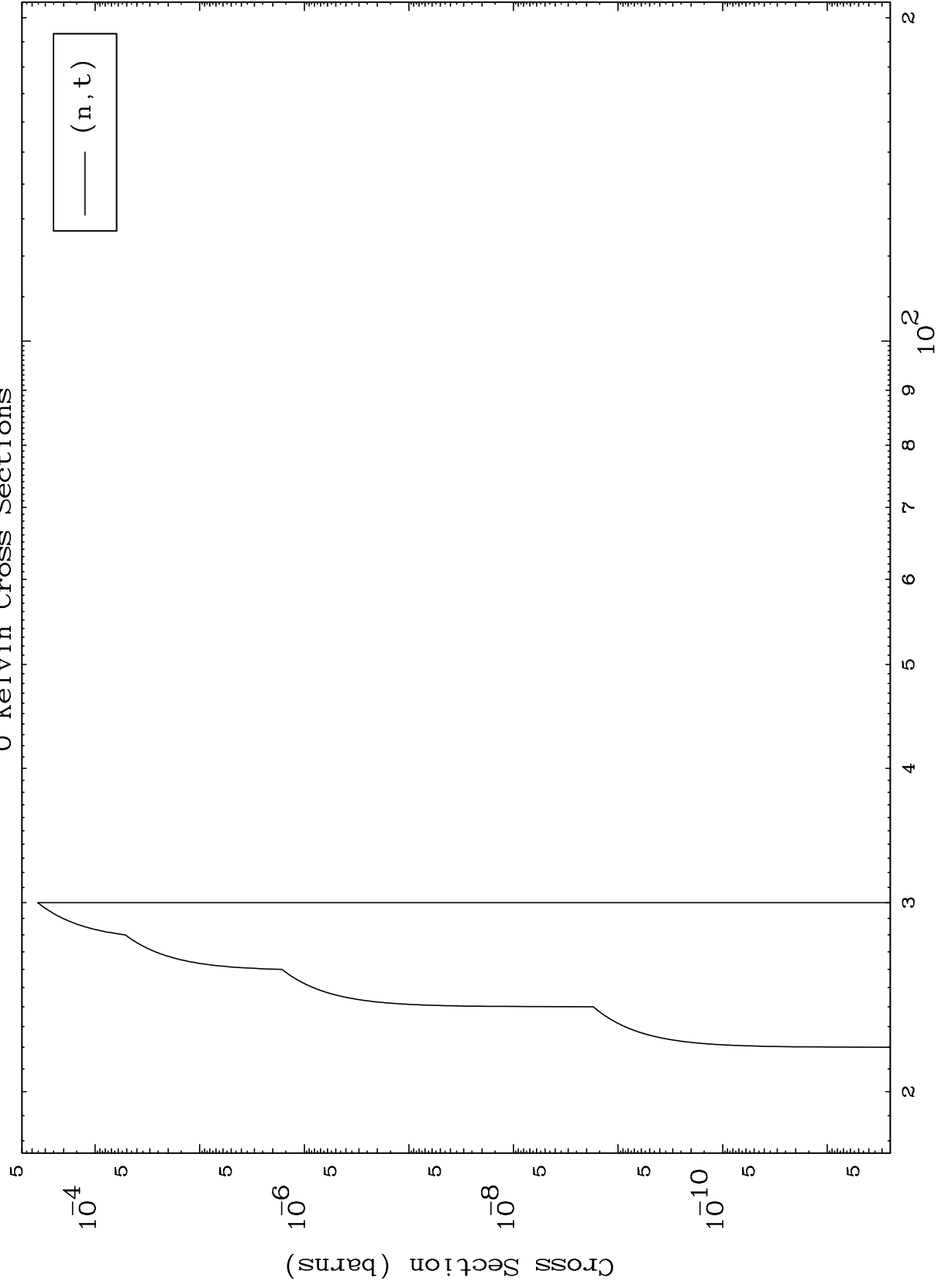
Incident Energy (MeV)

66-Dy-151

MAT 6610

66-Dy-151

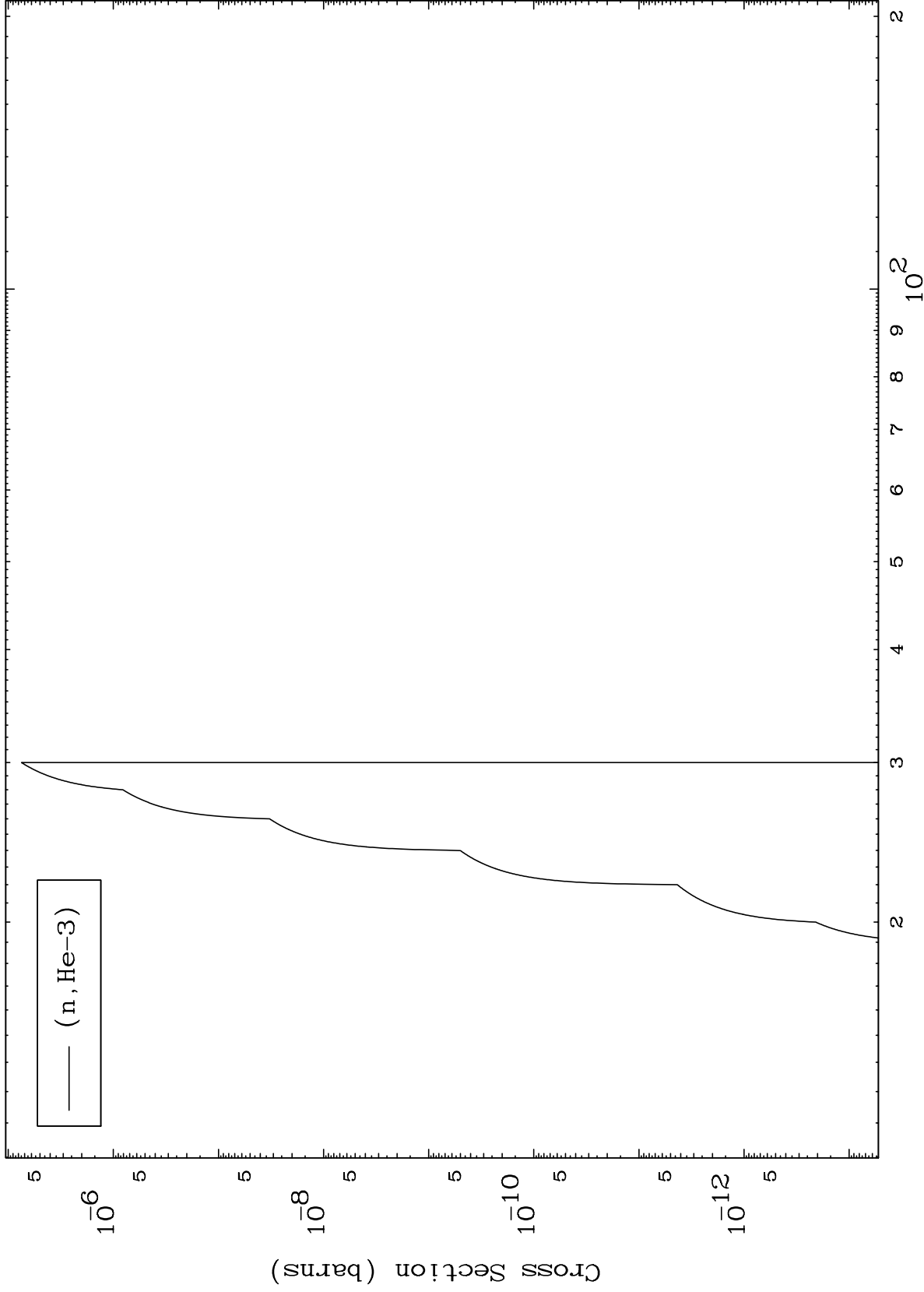
(α, t) Levels
0 Kelvin Cross Sections



66-Dy-151

Incident Energy (MeV)

8

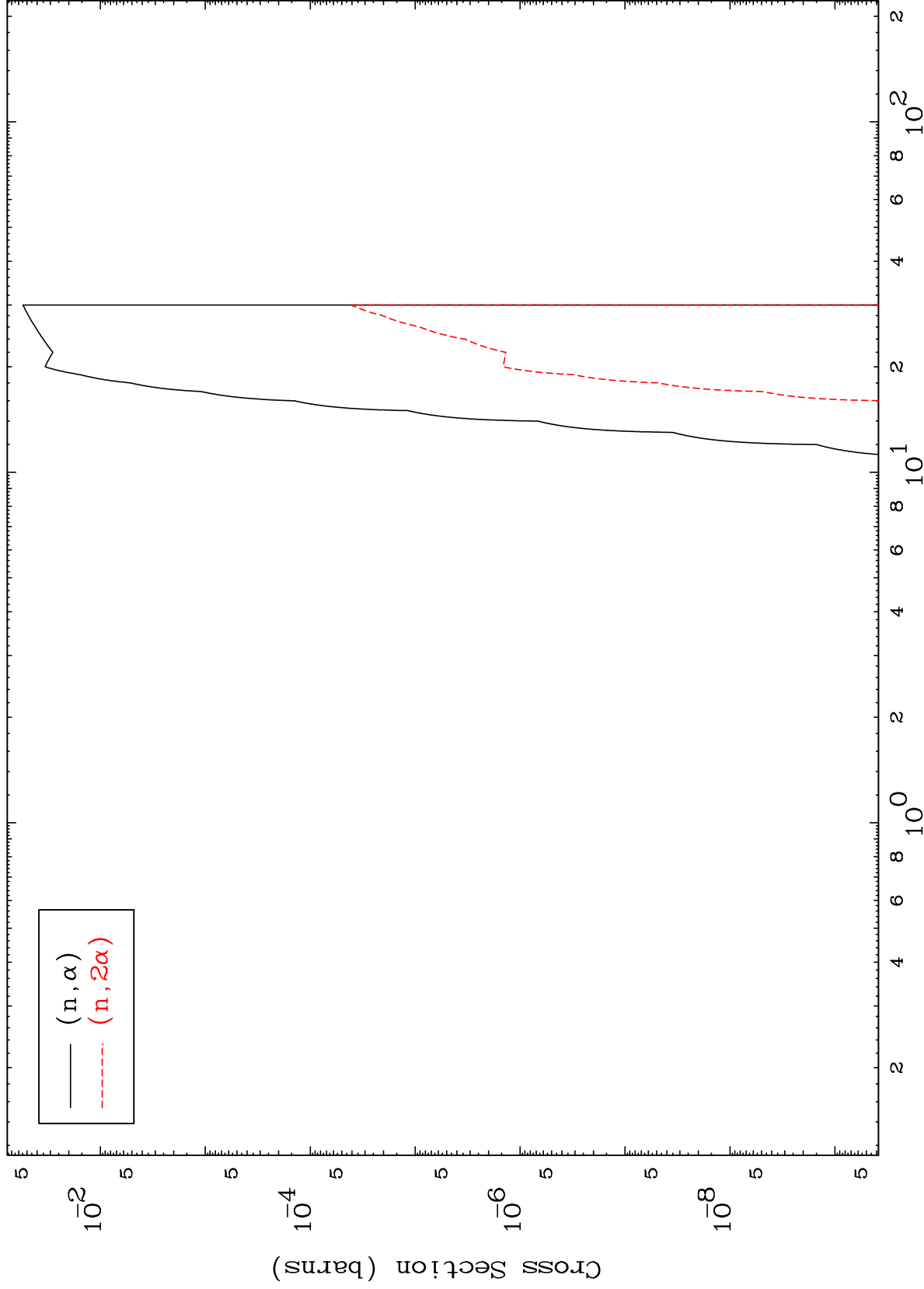


MAT 6610

(α, α) Levels

66-Dy-151

0 Kelvin Cross Sections



10

Incident Energy (MeV)

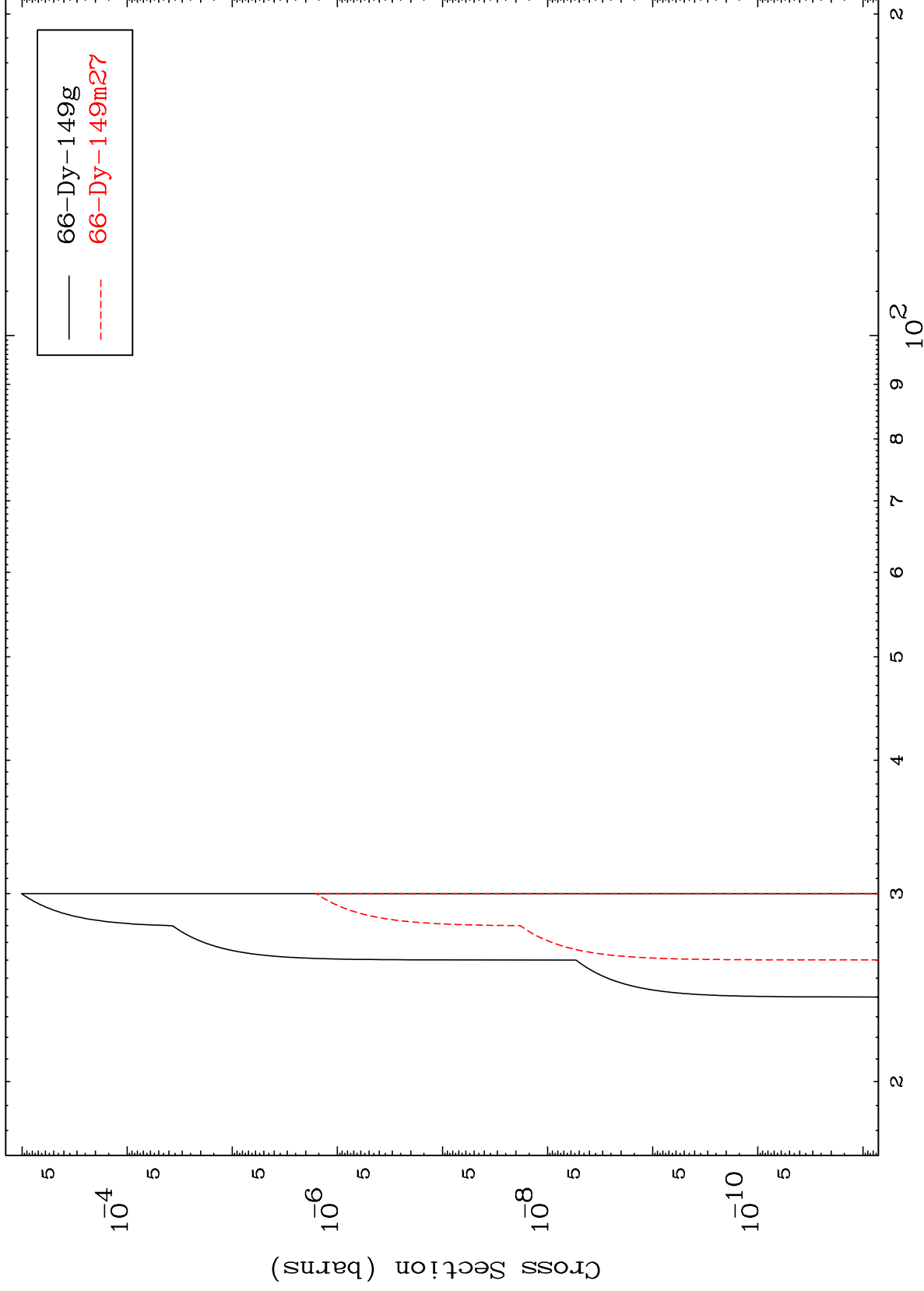
66-Dy-151

MAT 6610

(n,2n) α

66-Dy-151

Radionuclide Production Cross Section

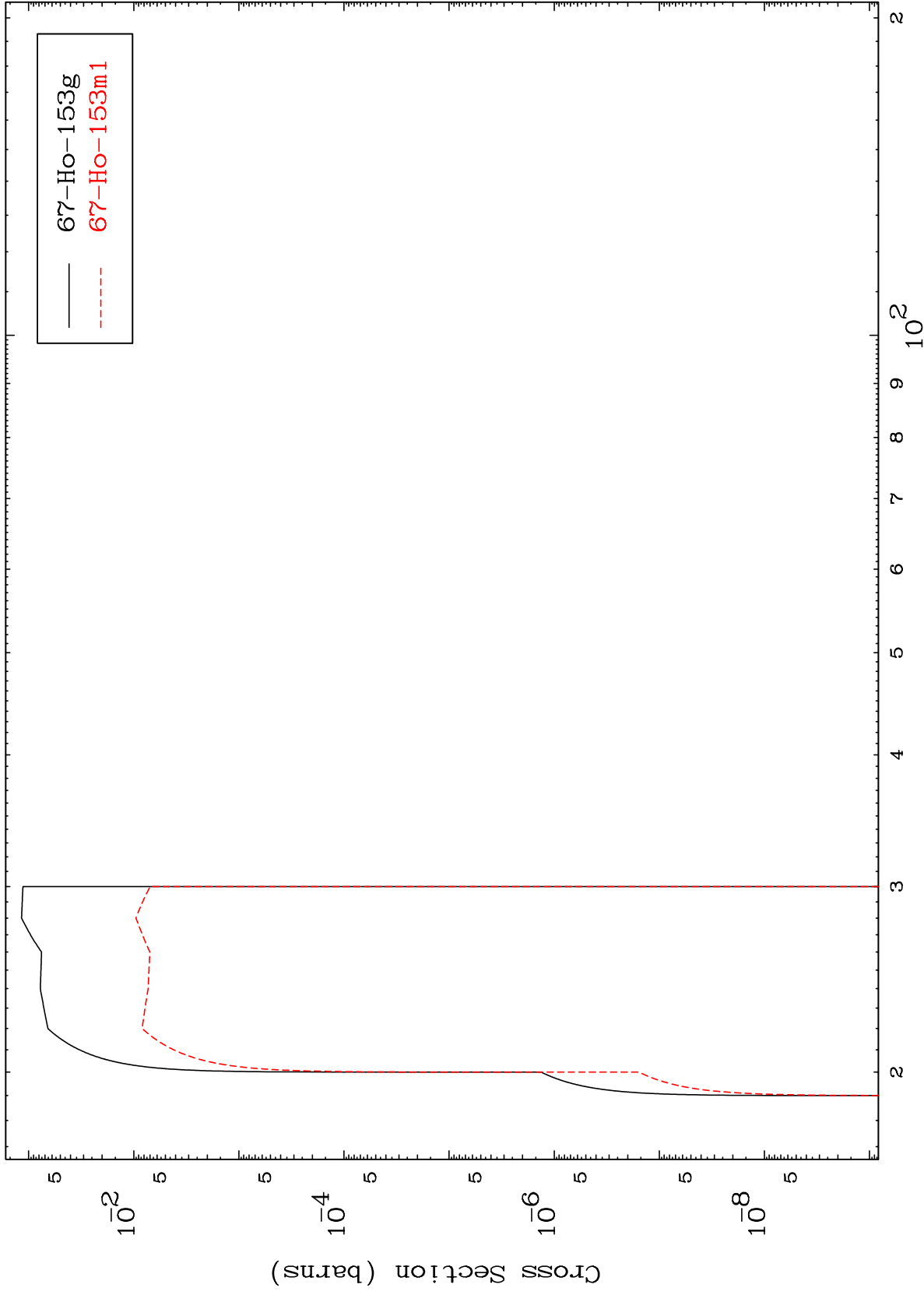


11

Incident Energy (MeV)

66-Dy-151

Radionuclide Production Cross Section

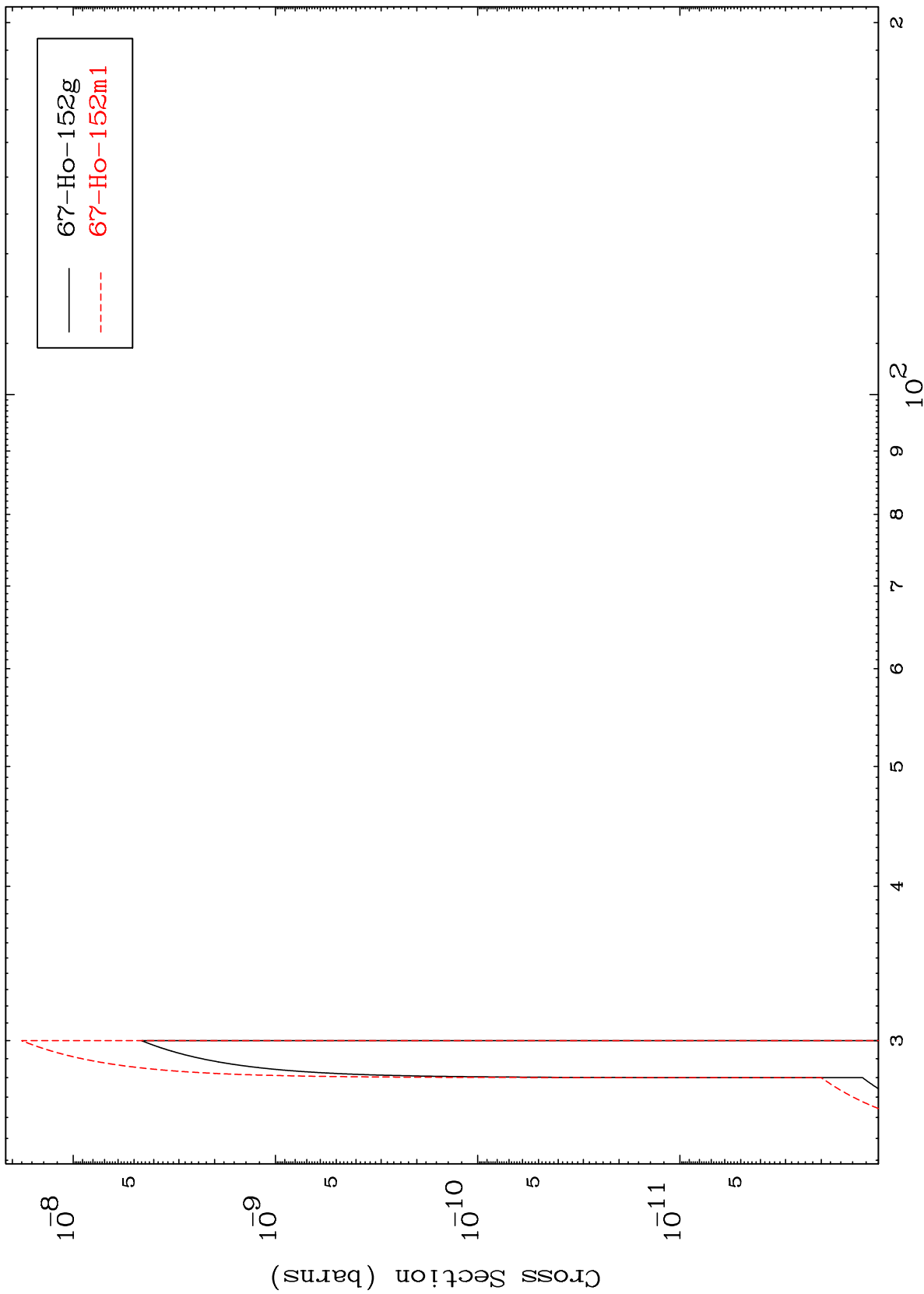


MAT 6610

(n,n') d

66-Dy-151

Radionuclide Production Cross Section



13

Incident Energy (MeV)

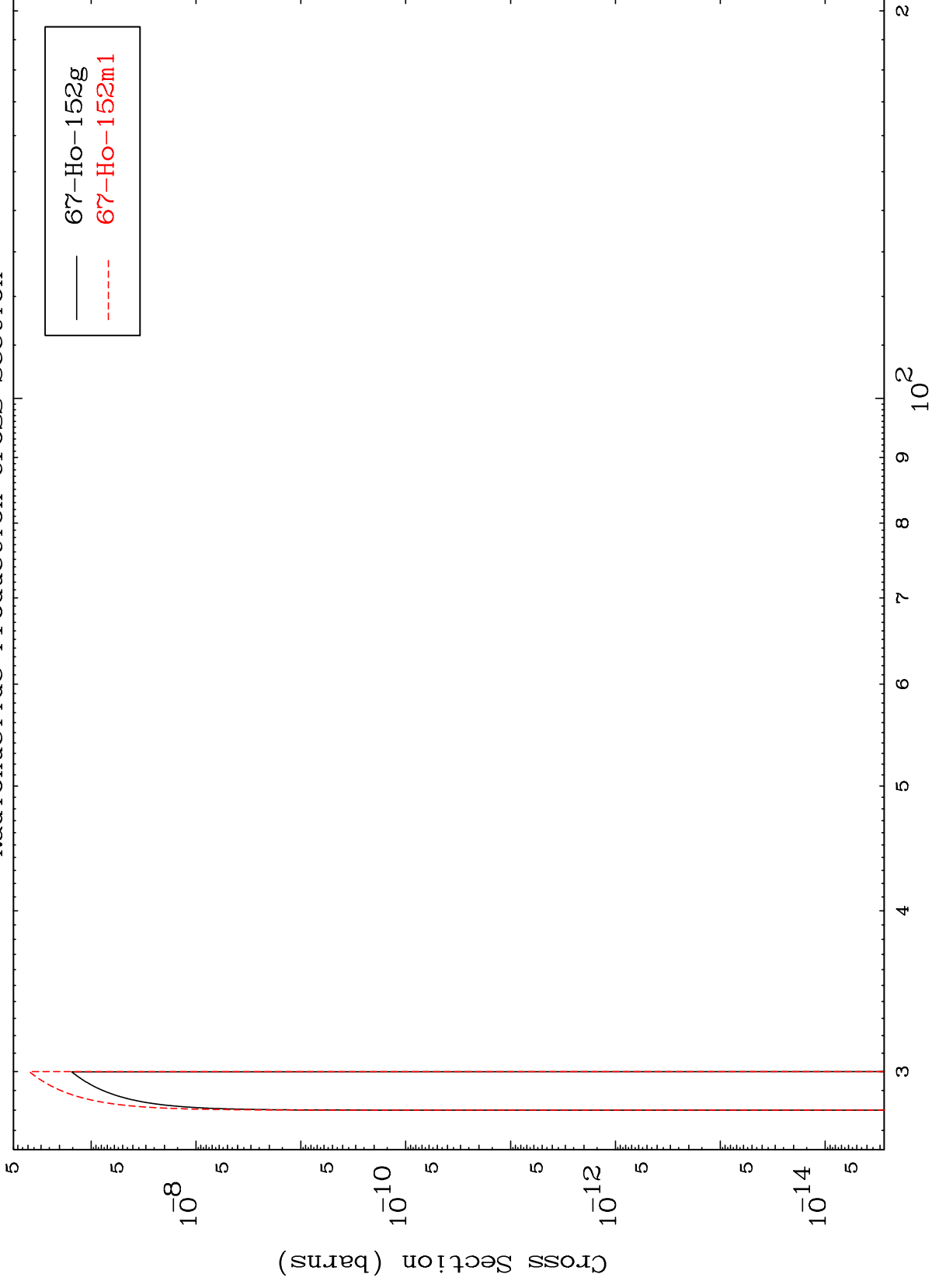
66-Dy-151

MAT 6610

(n,2n) p

66-Dy-151

Radionuclide Production Cross Section



14

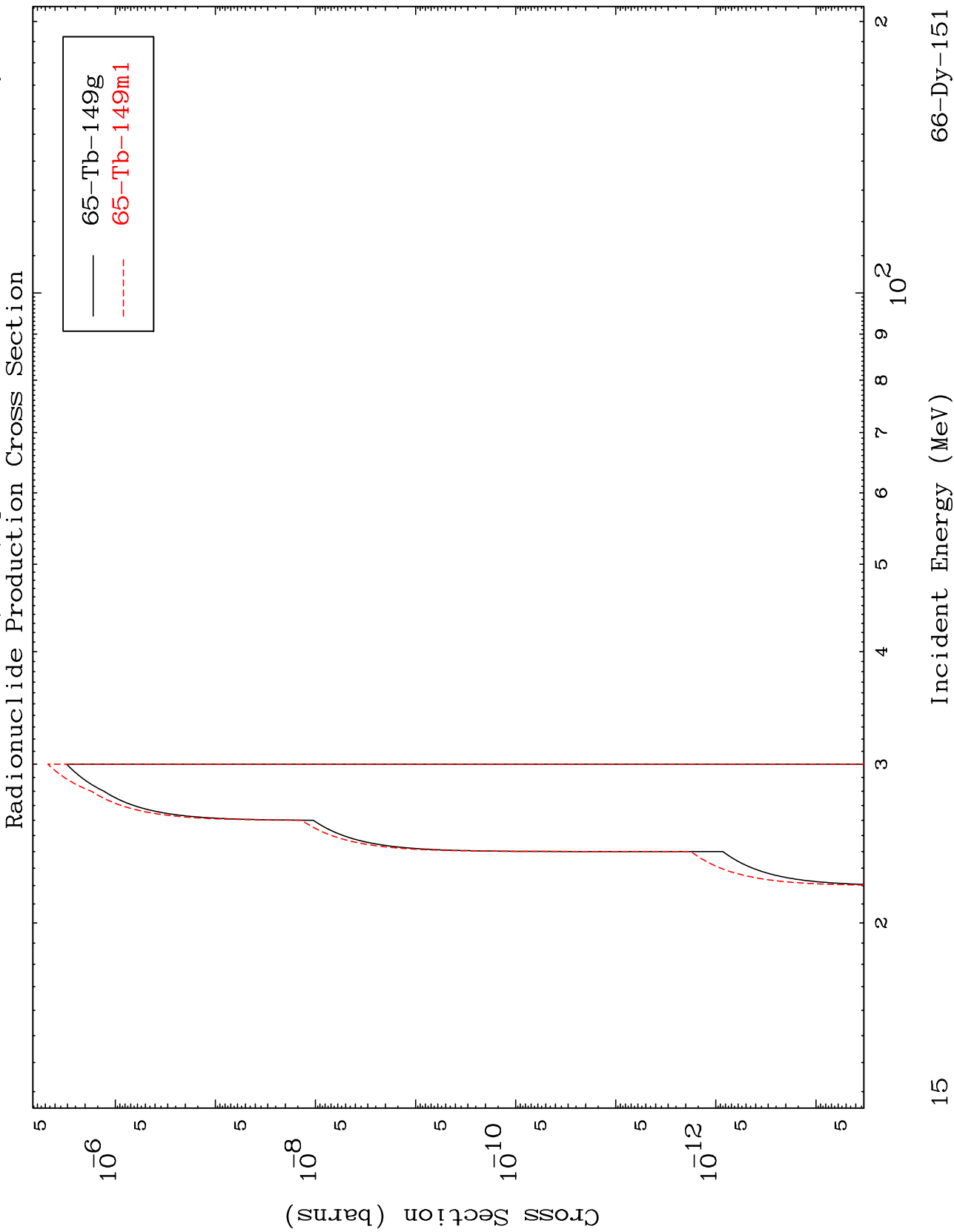
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,n') p α

66-Dy-151



15

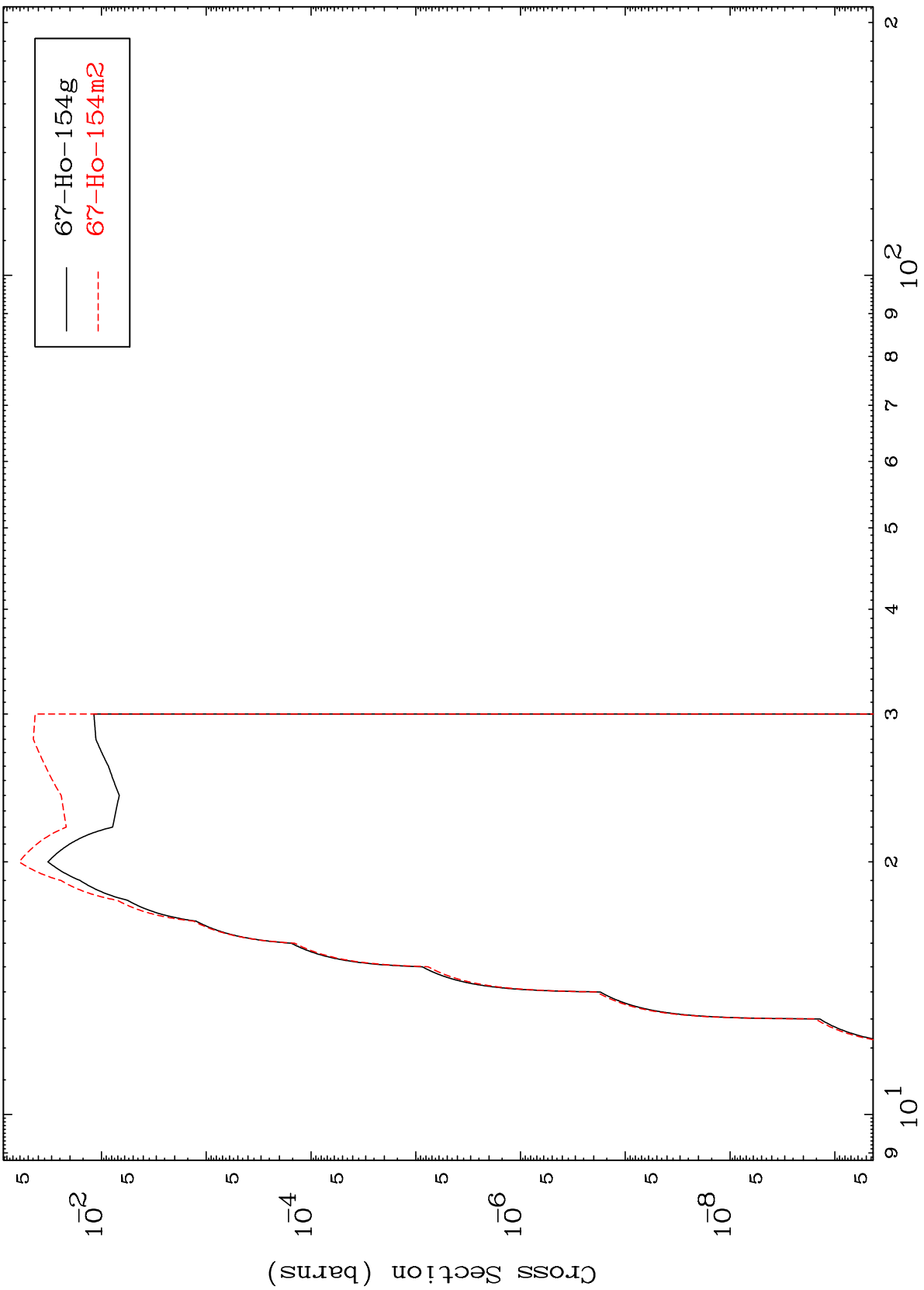
Incident Energy (MeV)

66-Dy-151

MAT 6610

66-Dy-151

(n,p)
Radionuclide Production Cross Section



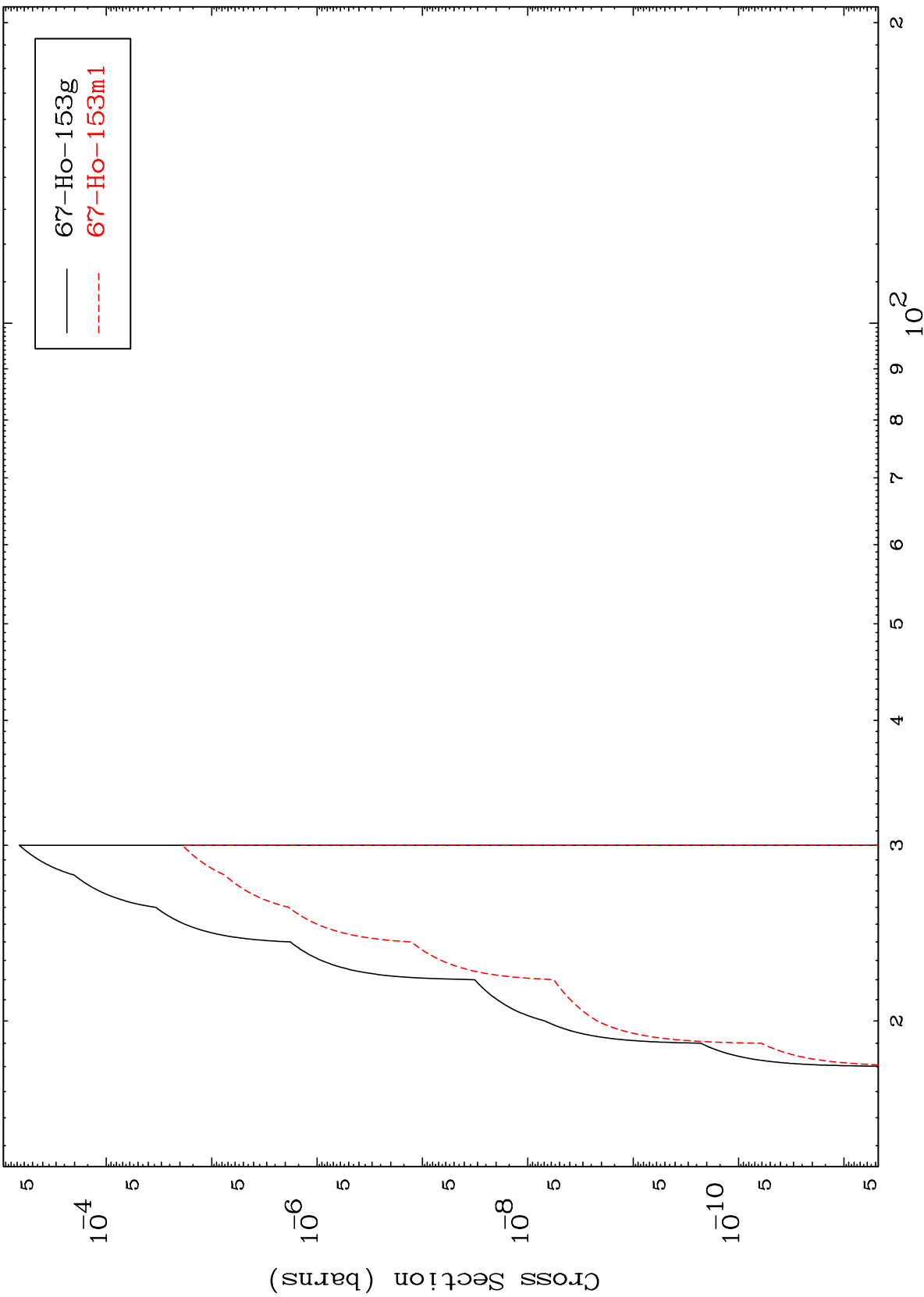
67-Ho-154g
67-Ho-154m2

66-Dy-151

Incident Energy (MeV)

16

(n,d)
Radionuclide Production Cross Section

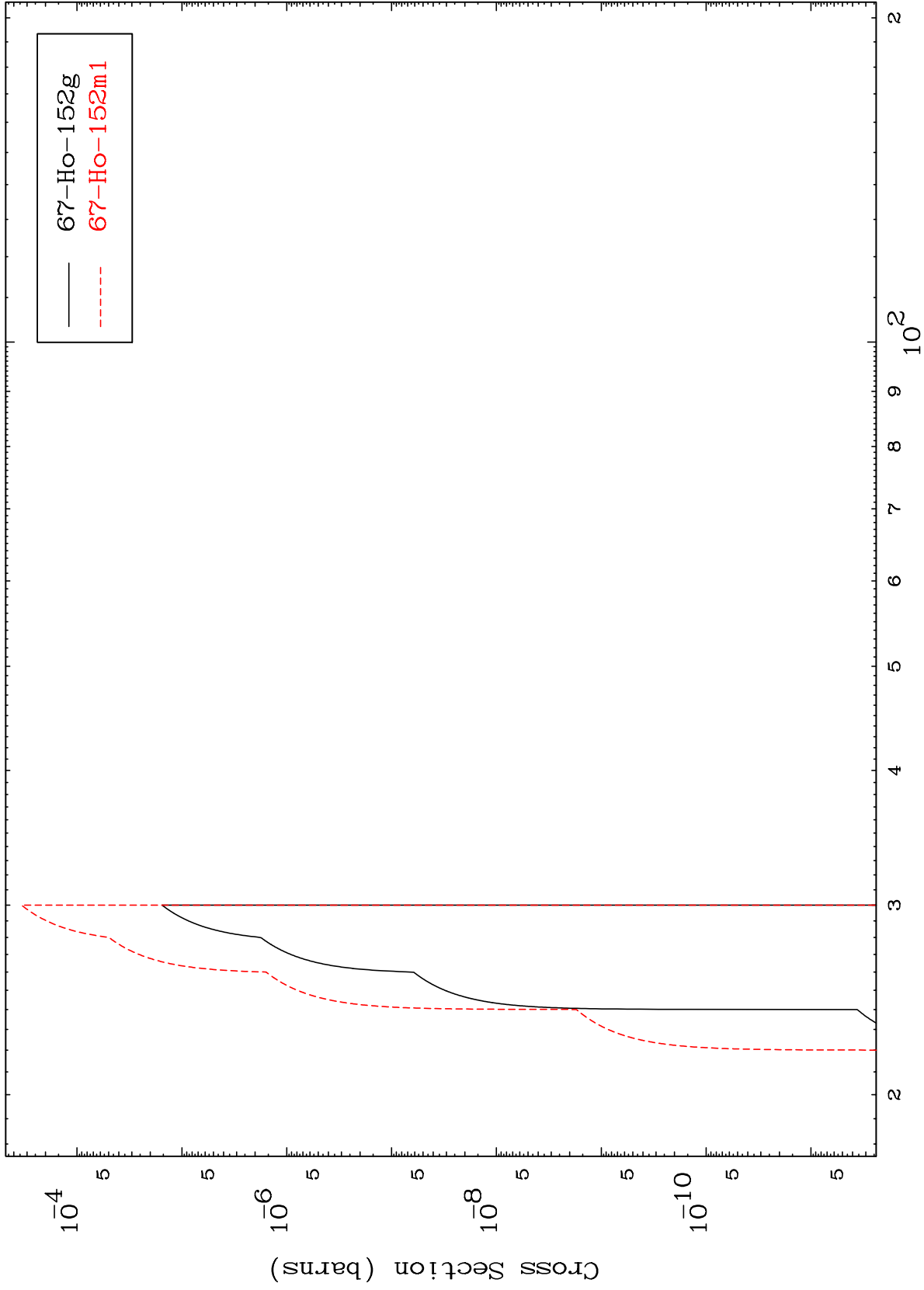


67-Ho-153g
67-Ho-153m1

MAT 6610

66-Dy-151

(n,t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

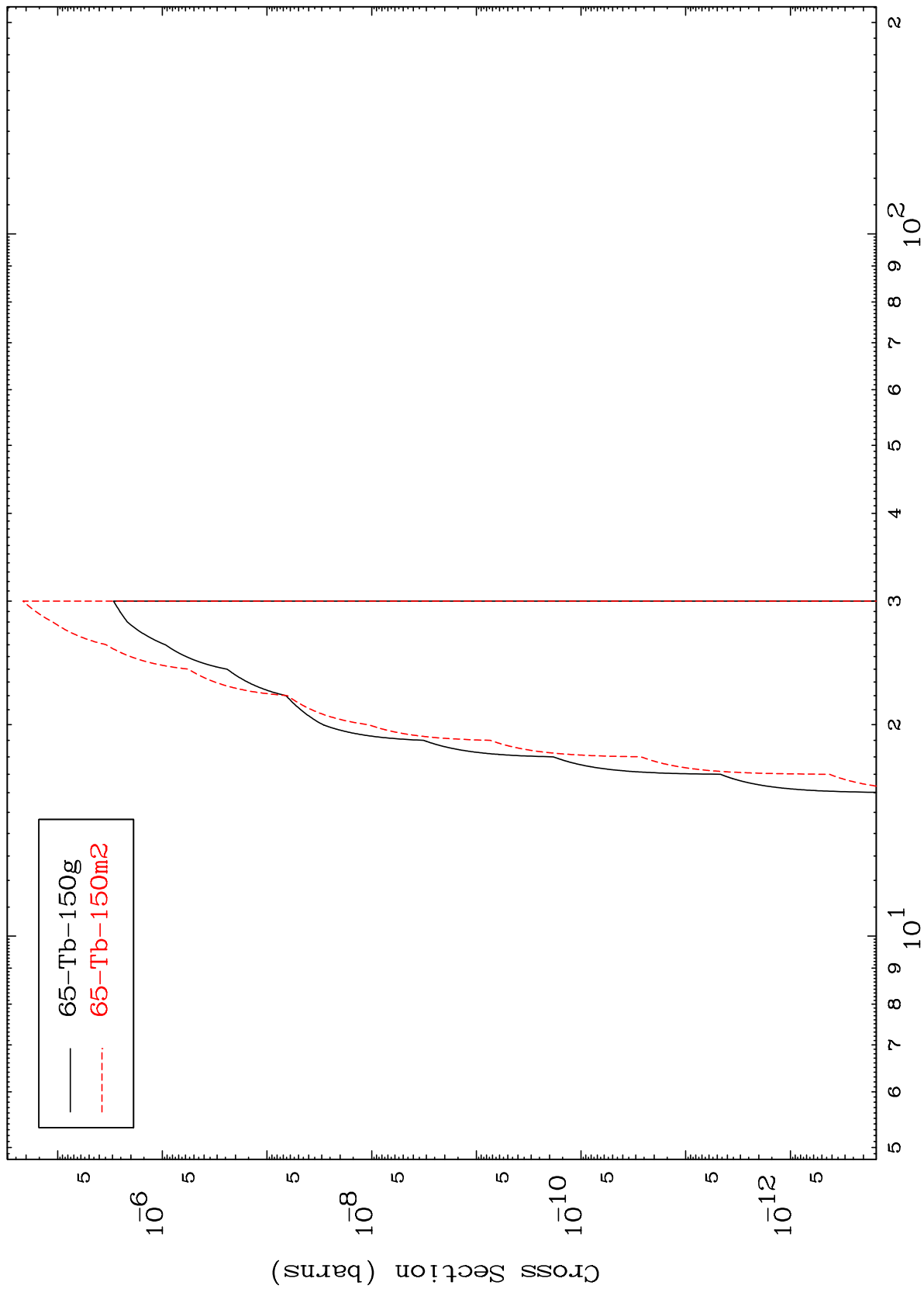
66-Dy-151

MAT 6610

(n,p) α

66-Dy-151

Radionuclide Production Cross Section



19

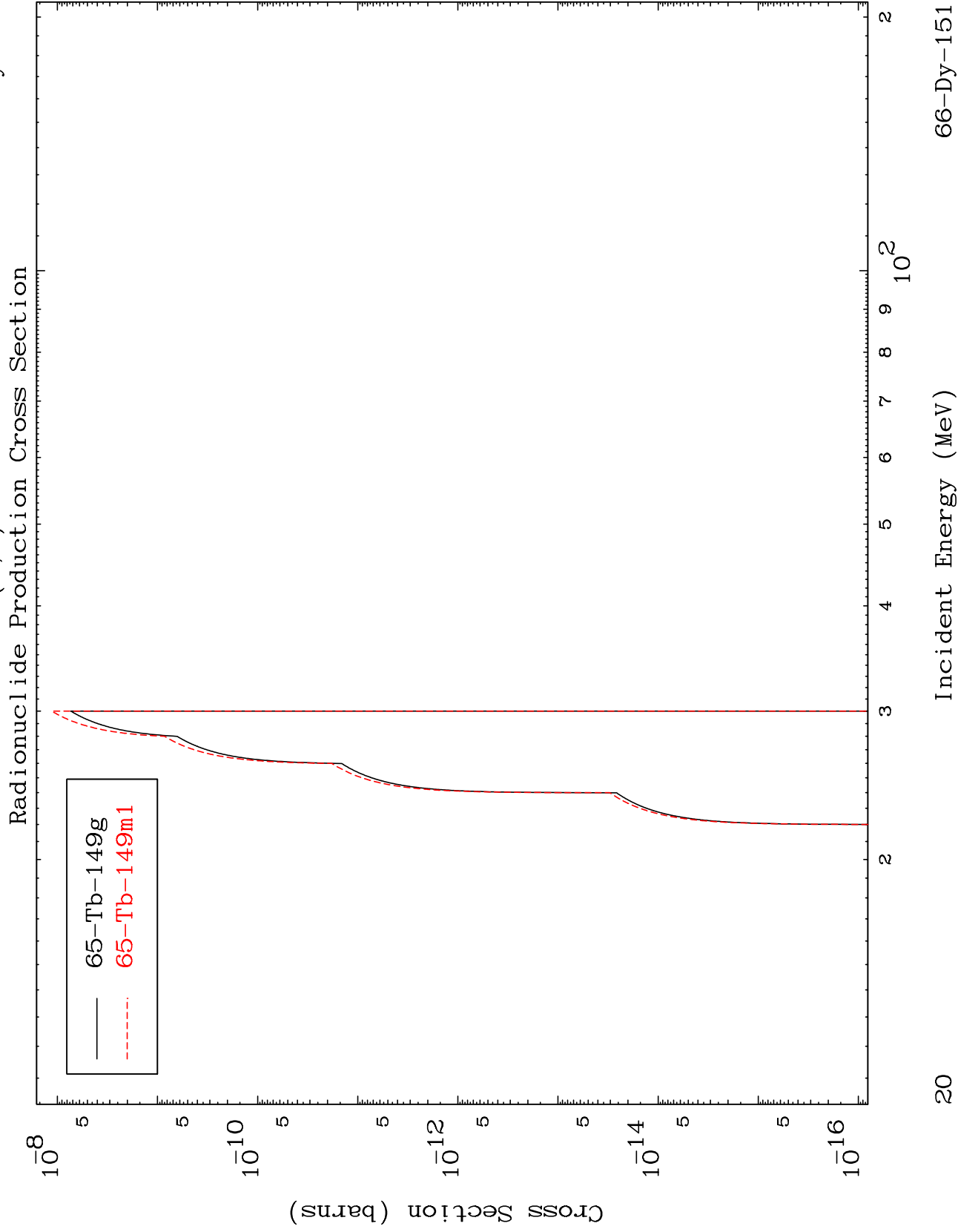
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,d) α

66-Dy-151



20