

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](mailto:redcullen1@comcast.net)

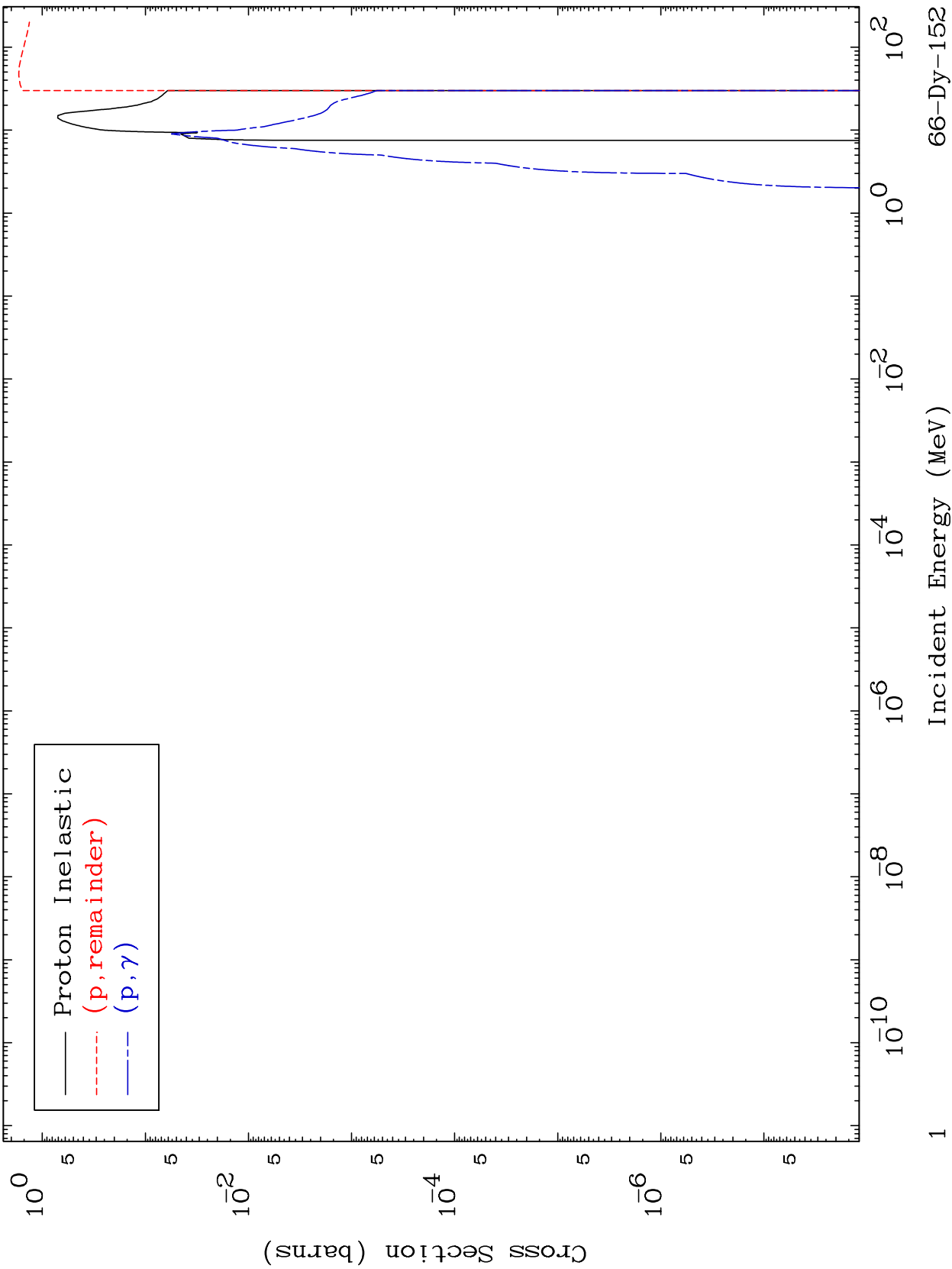
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

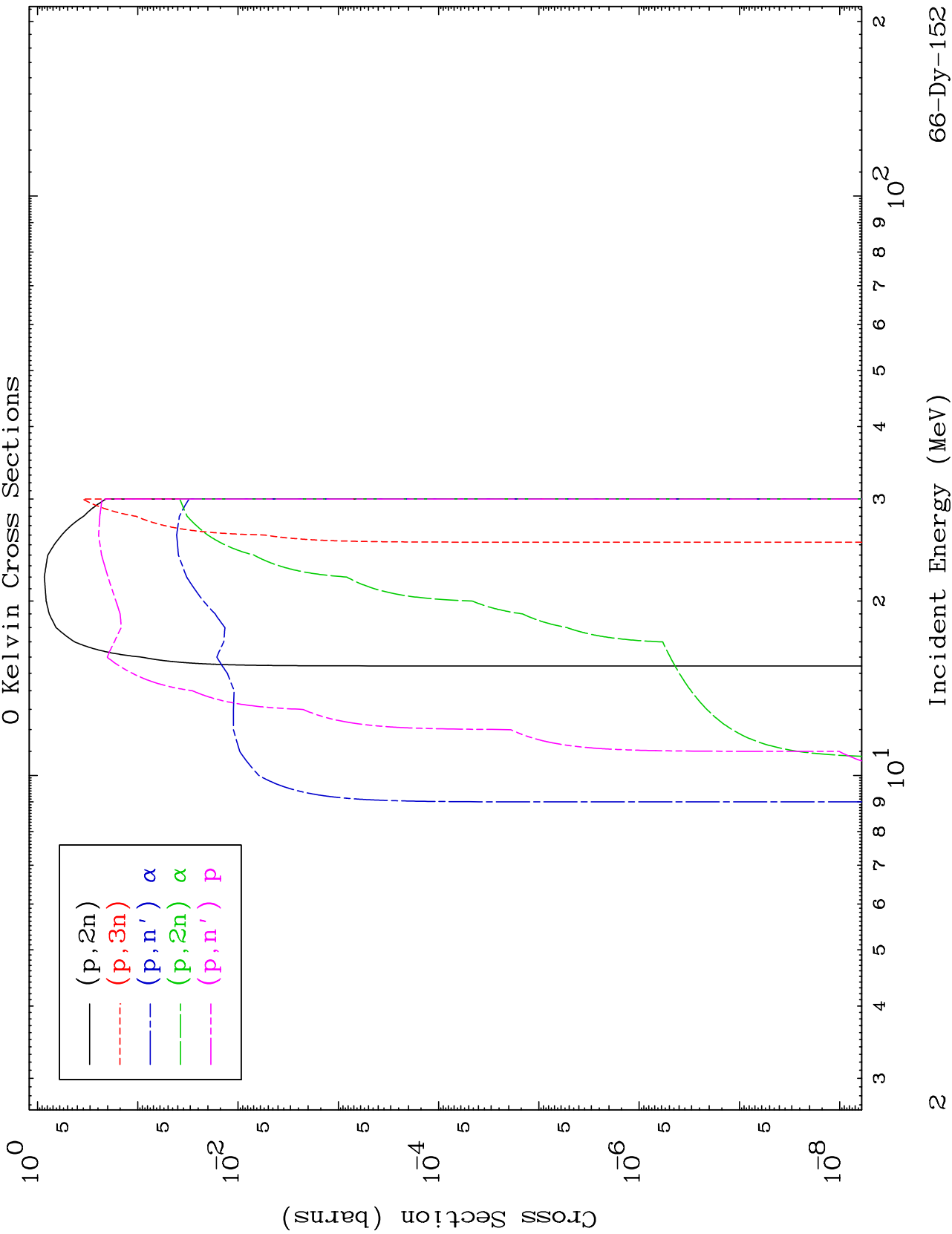
Press Mouse Button to Start

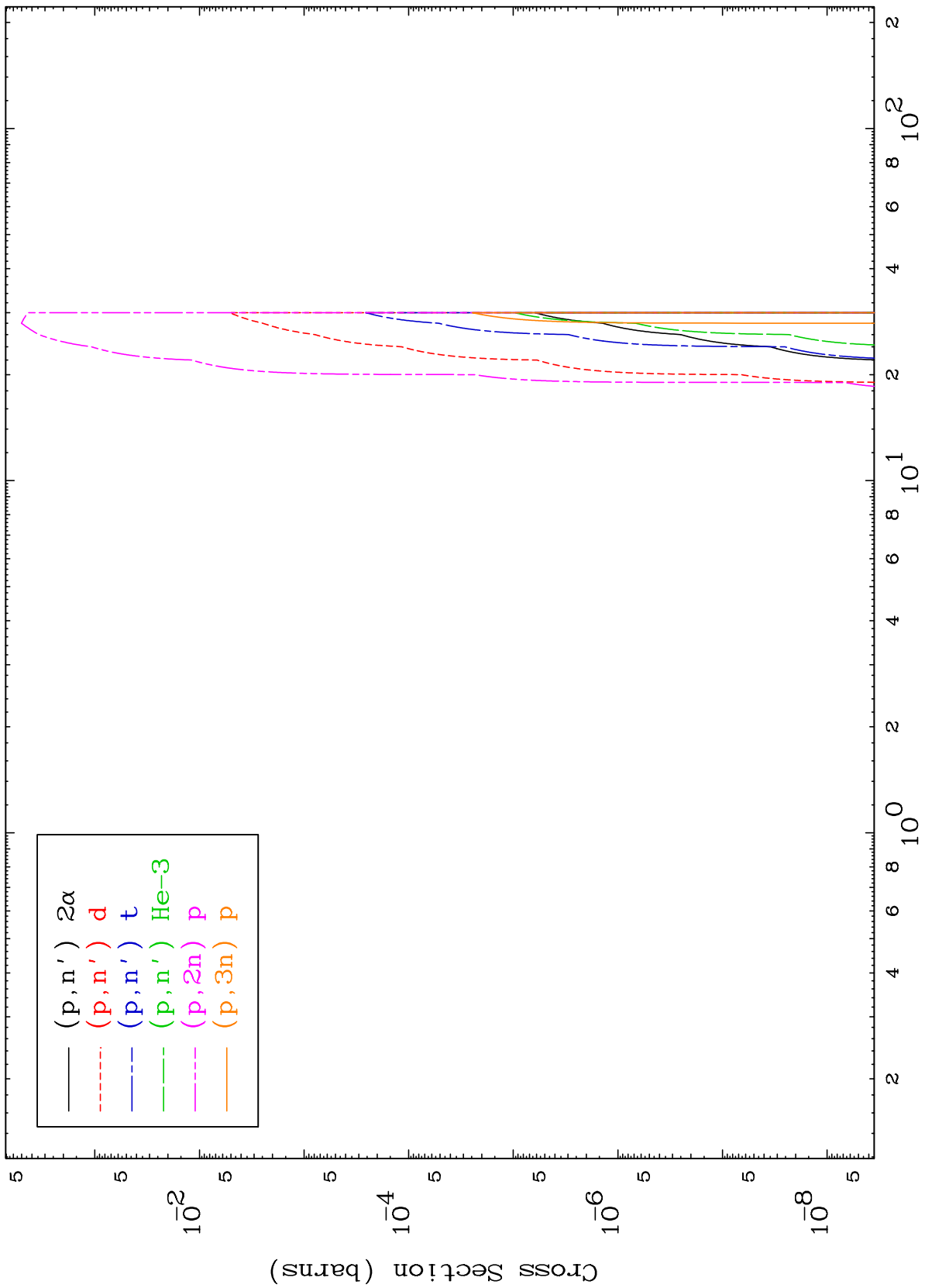
MAT 6613

Proton Major  
0 Kelvin Cross Sections

66-Dy-152



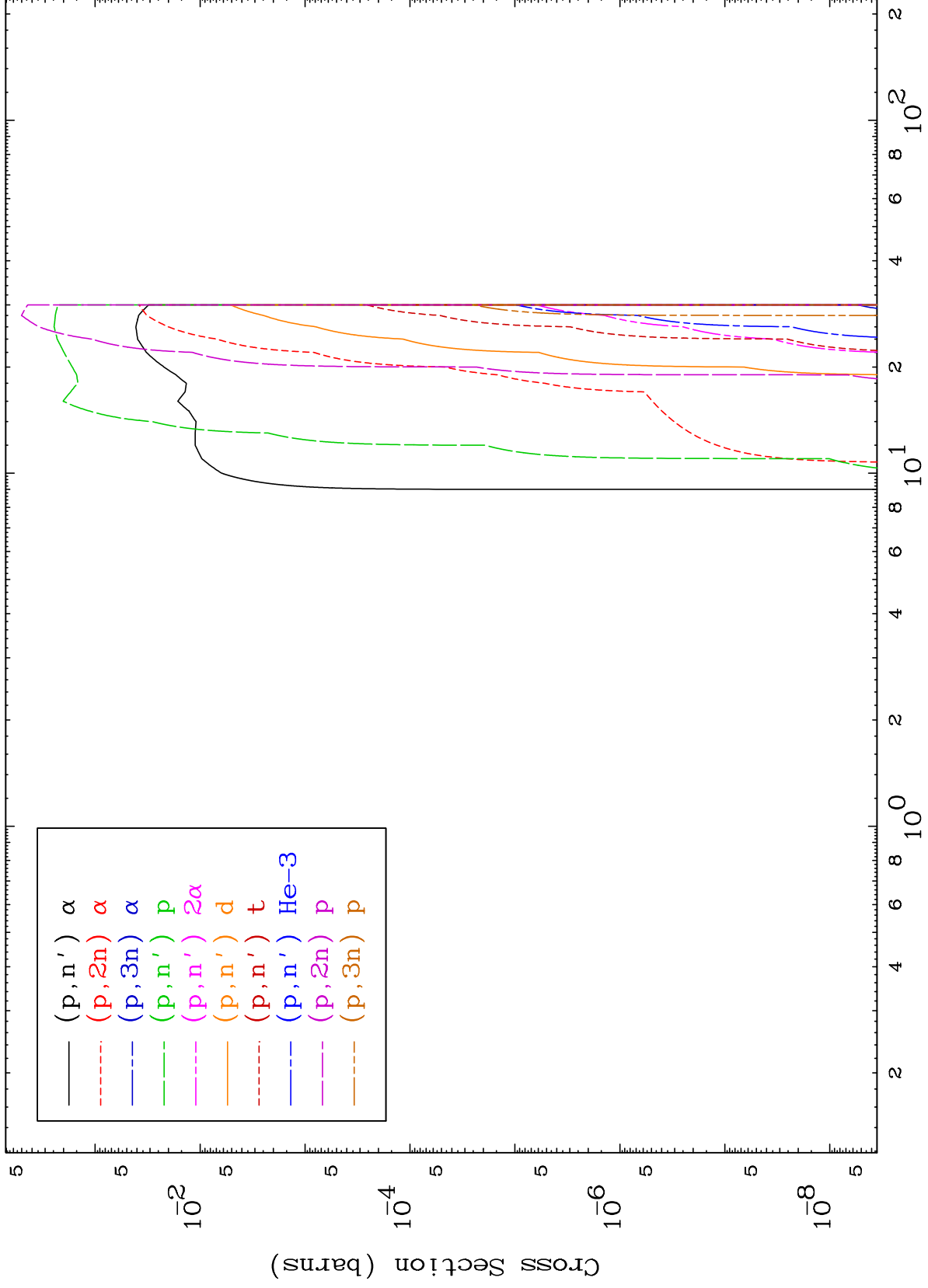




MAT 6613

Proton Charged Particle  
0 Kelvin Cross Sections

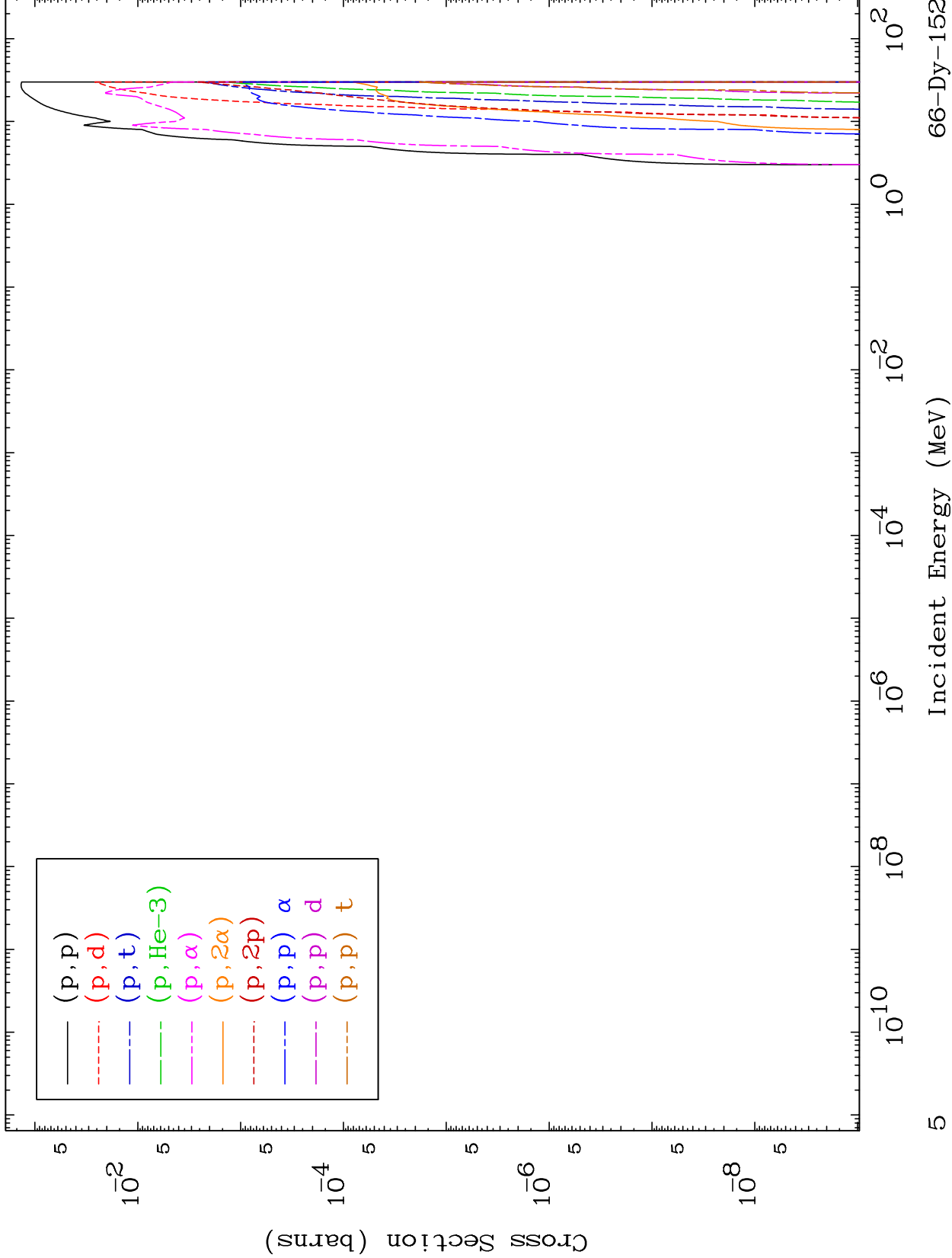
66-Dy-152



MAT 6613

Proton Charged Particle  
0 Kelvin Cross Sections

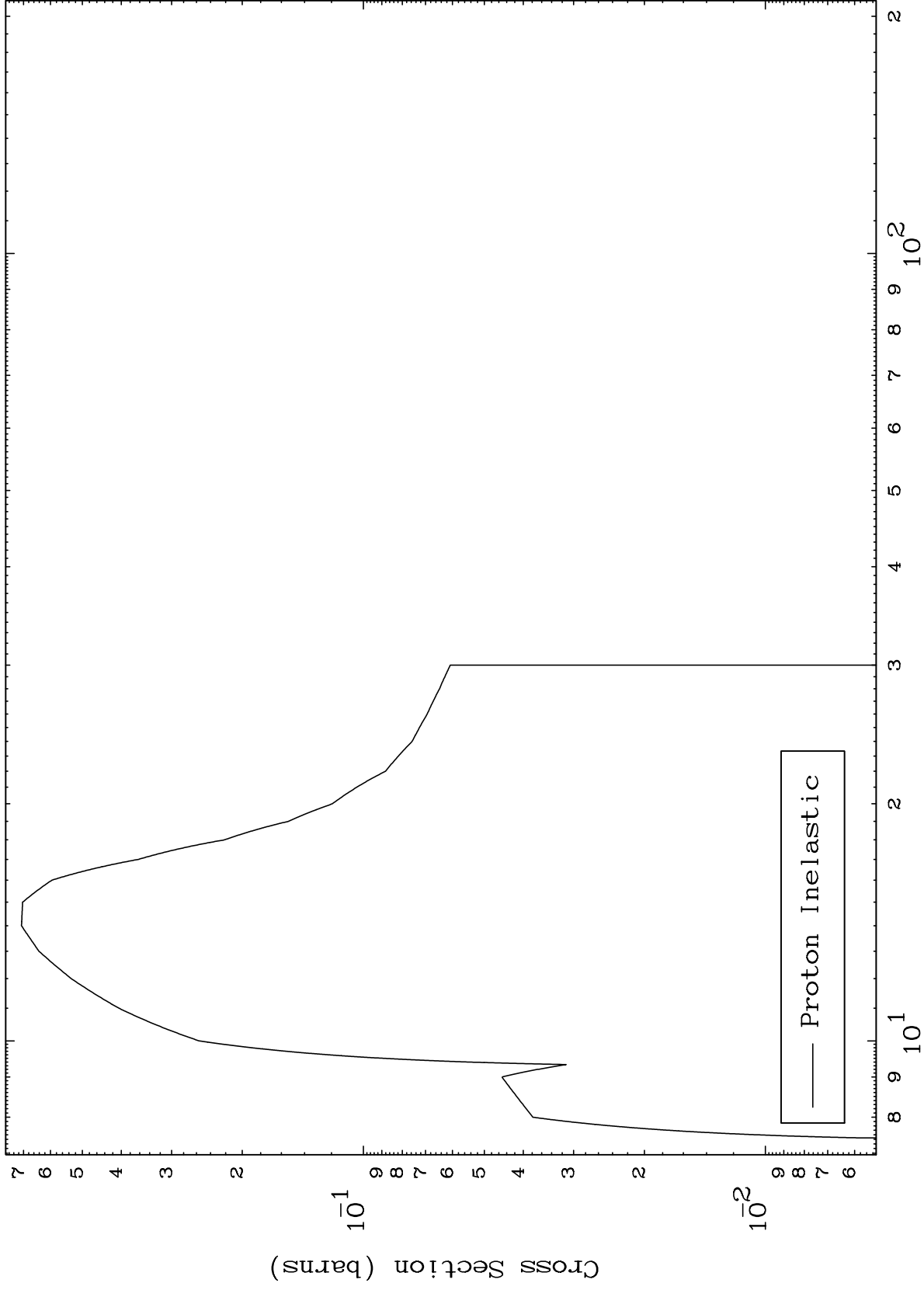
66-Dy-152



MAT 6613

(p,n') Level  
0 Kelvin Cross Sections

66-Dy-152



6

Incident Energy (MeV)

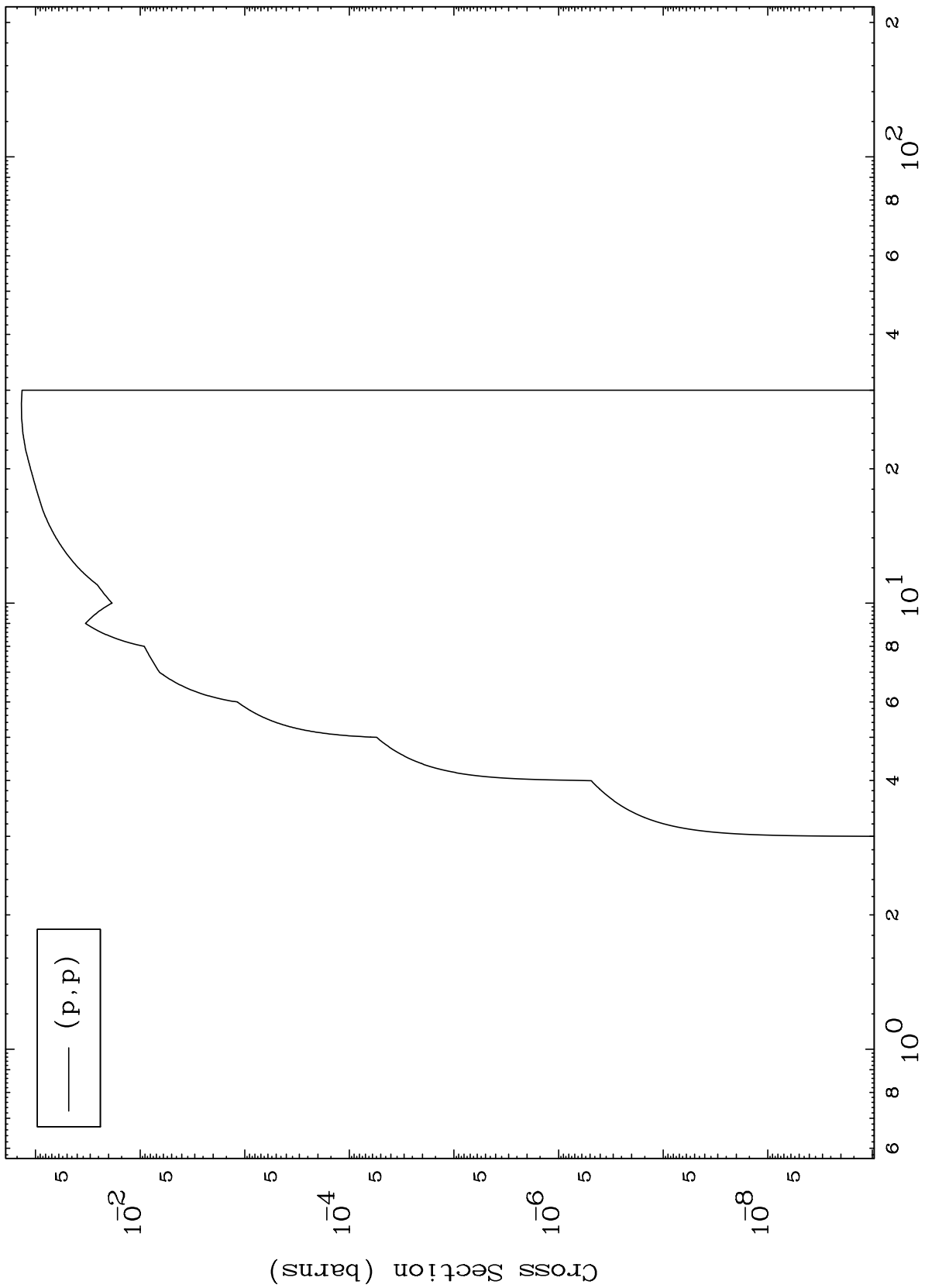
66-Dy-152

MAT 6613

(p,p) Levels

66-Dy-152

0 Kelvin Cross Sections



7

Incident Energy (MeV)

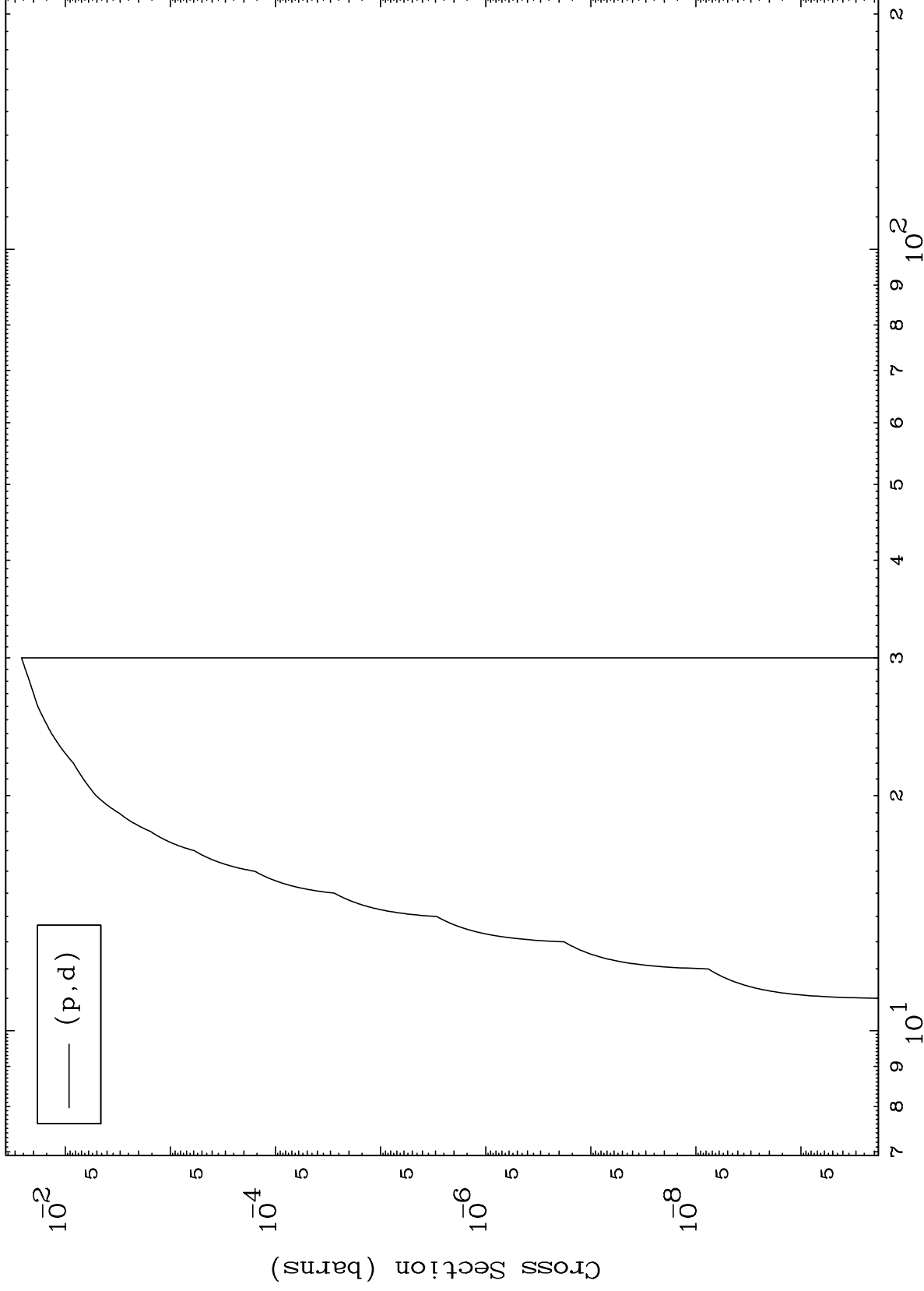
66-Dy-152



MAT 6613

(p,d) Levels  
0 Kelvin Cross Sections

66-Dy-152



8

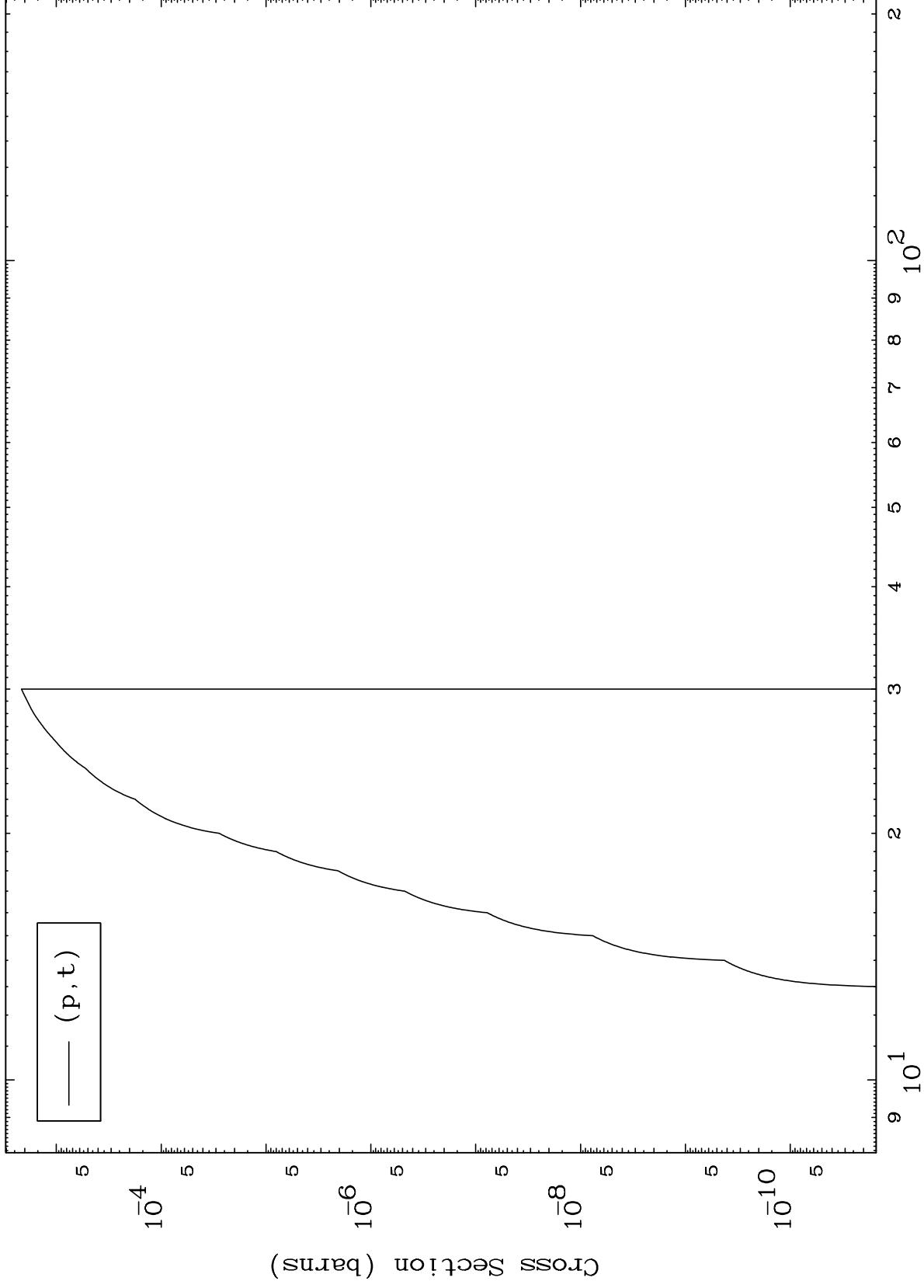
Incident Energy (MeV)

66-Dy-152

MAT 6613

(p,t) Levels  
0 Kelvin Cross Sections

66-Dy-152



9

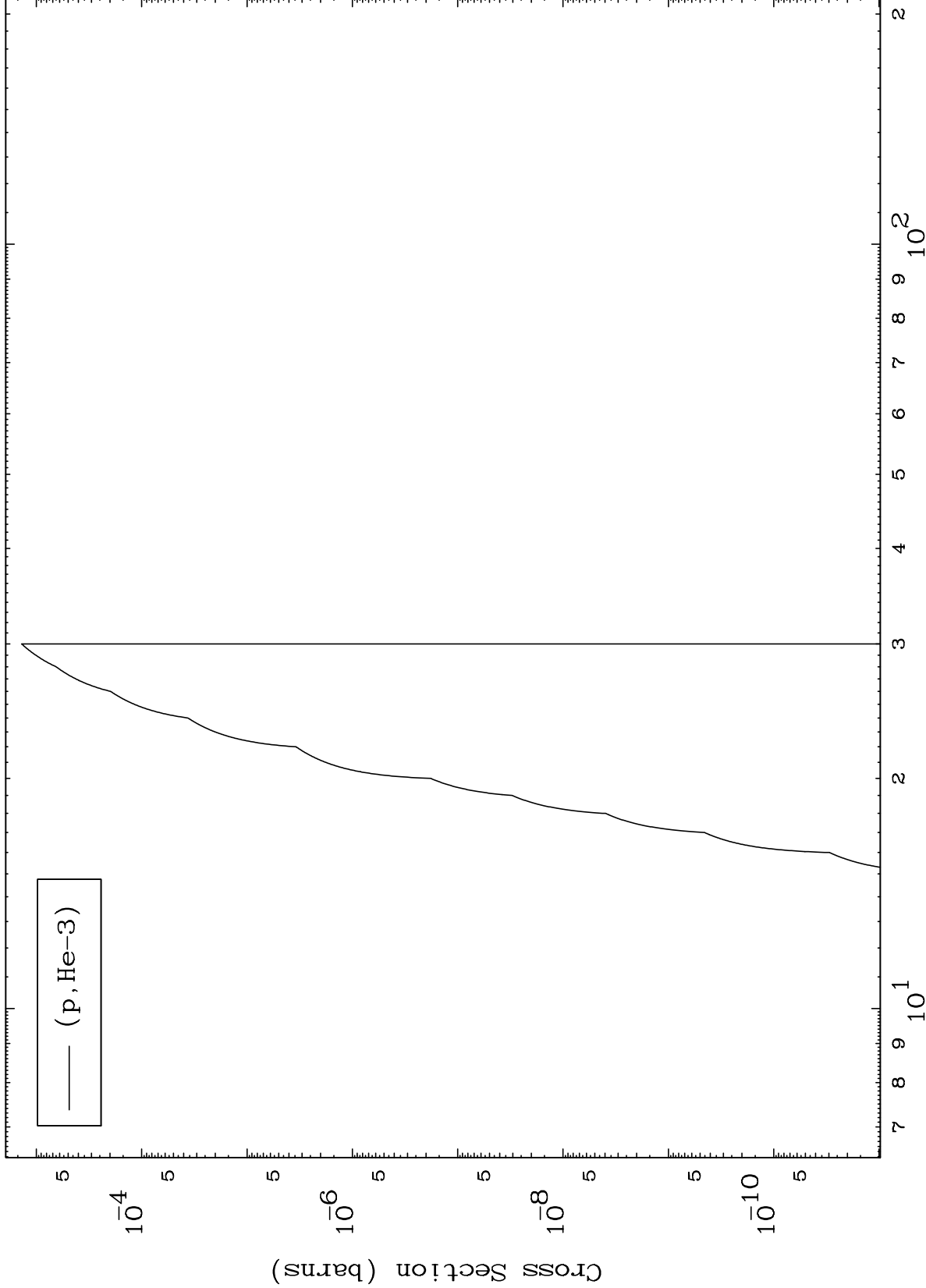
Incident Energy (MeV)

66-Dy-152

MAT 6613

(p,He3) Levels  
0 Kelvin Cross Sections

66-Dy-152



10

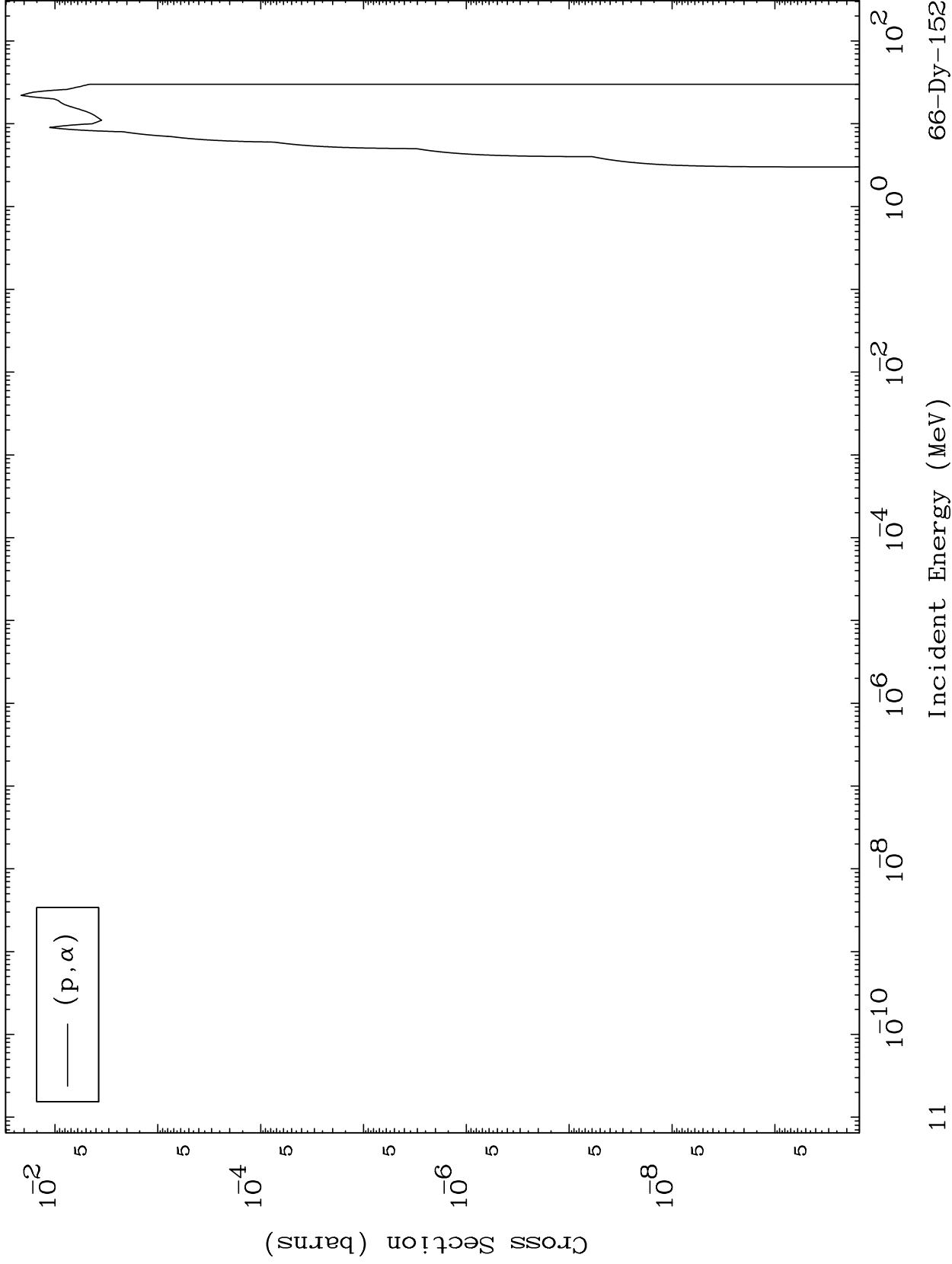
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

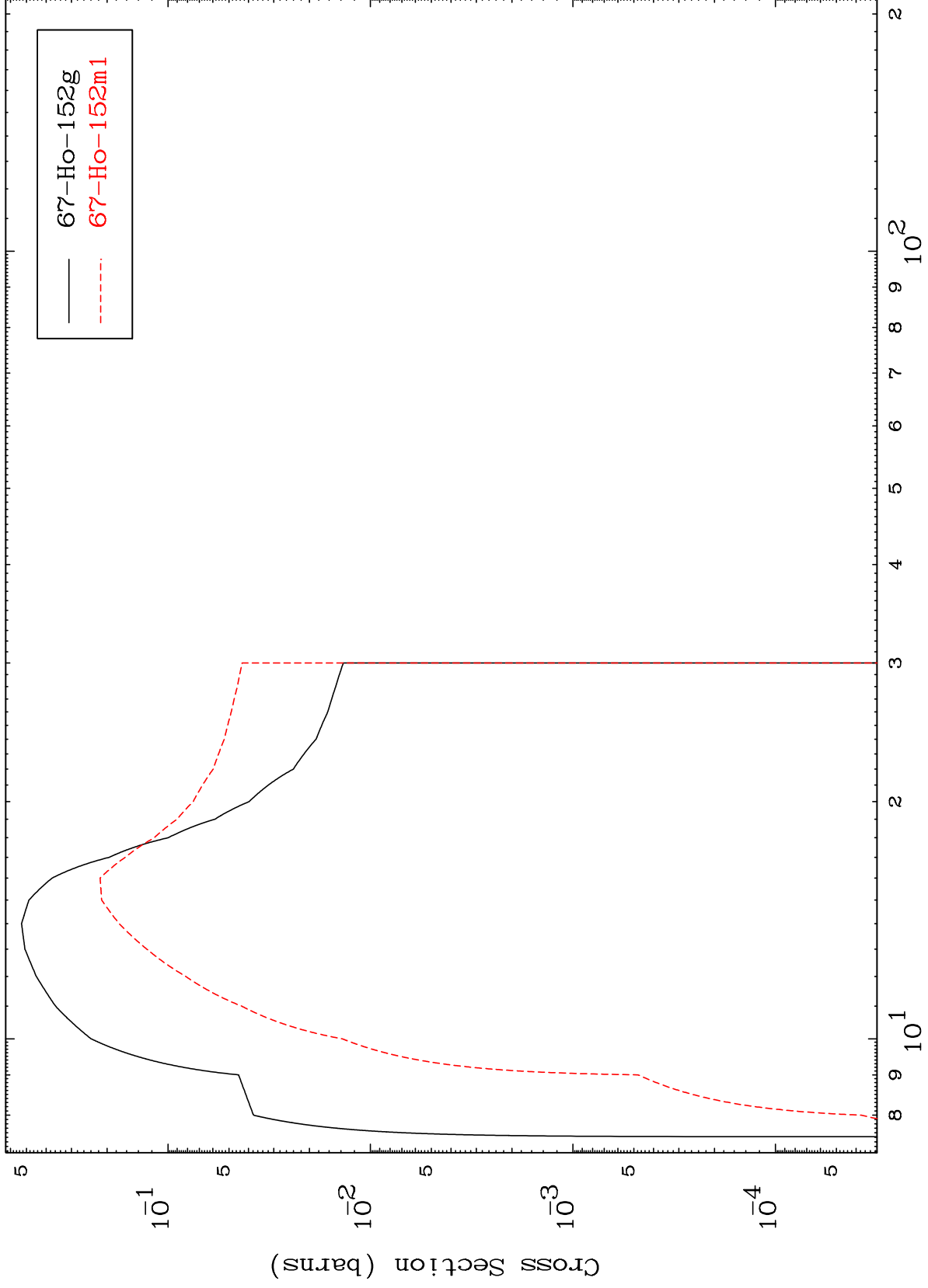
66-Dy-152



MAT 6613

Proton Inelastic  
Radionuclide Production Cross Section

66-Dy-152

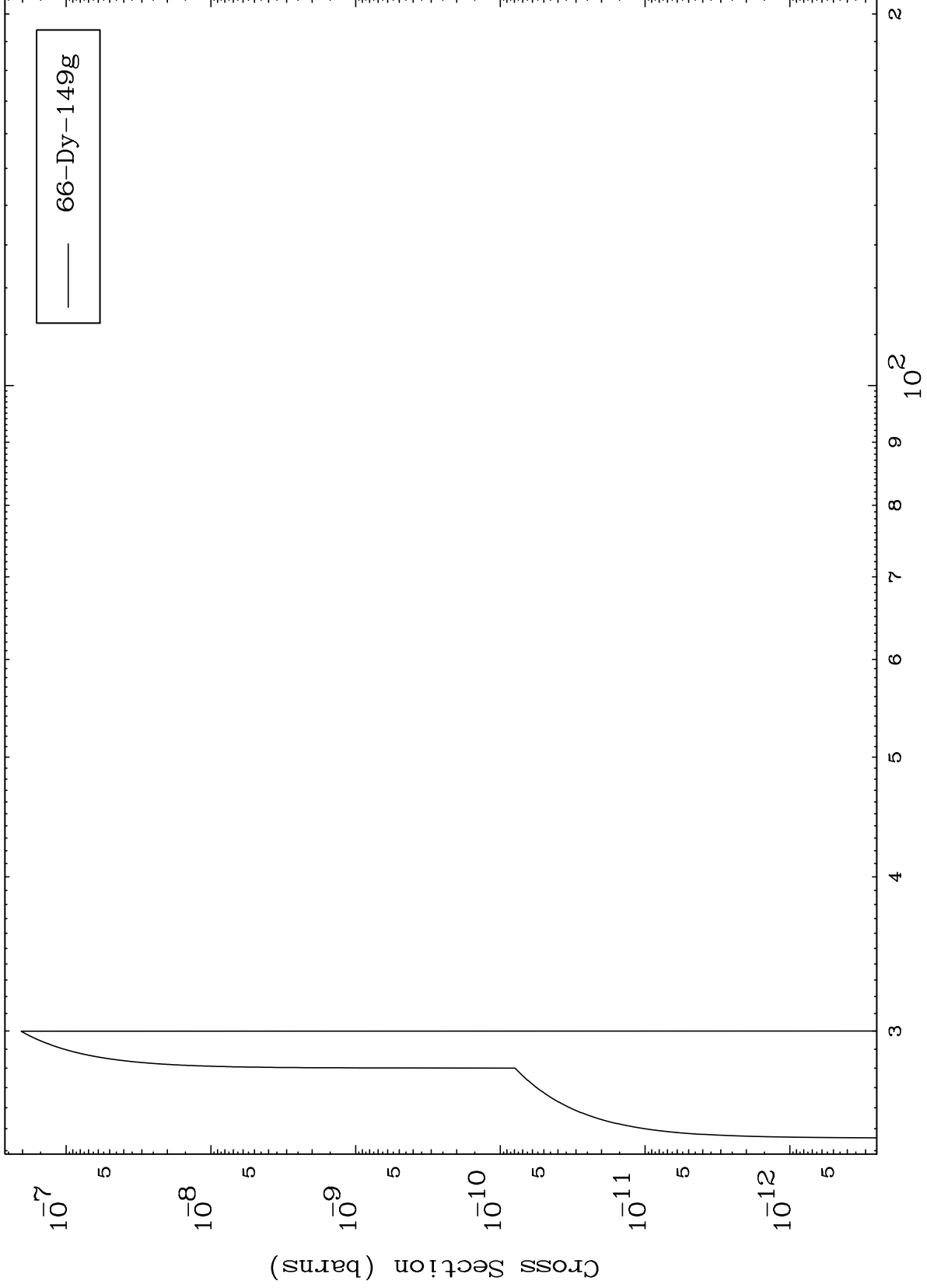


12

Incident Energy (MeV)

66-Dy-152

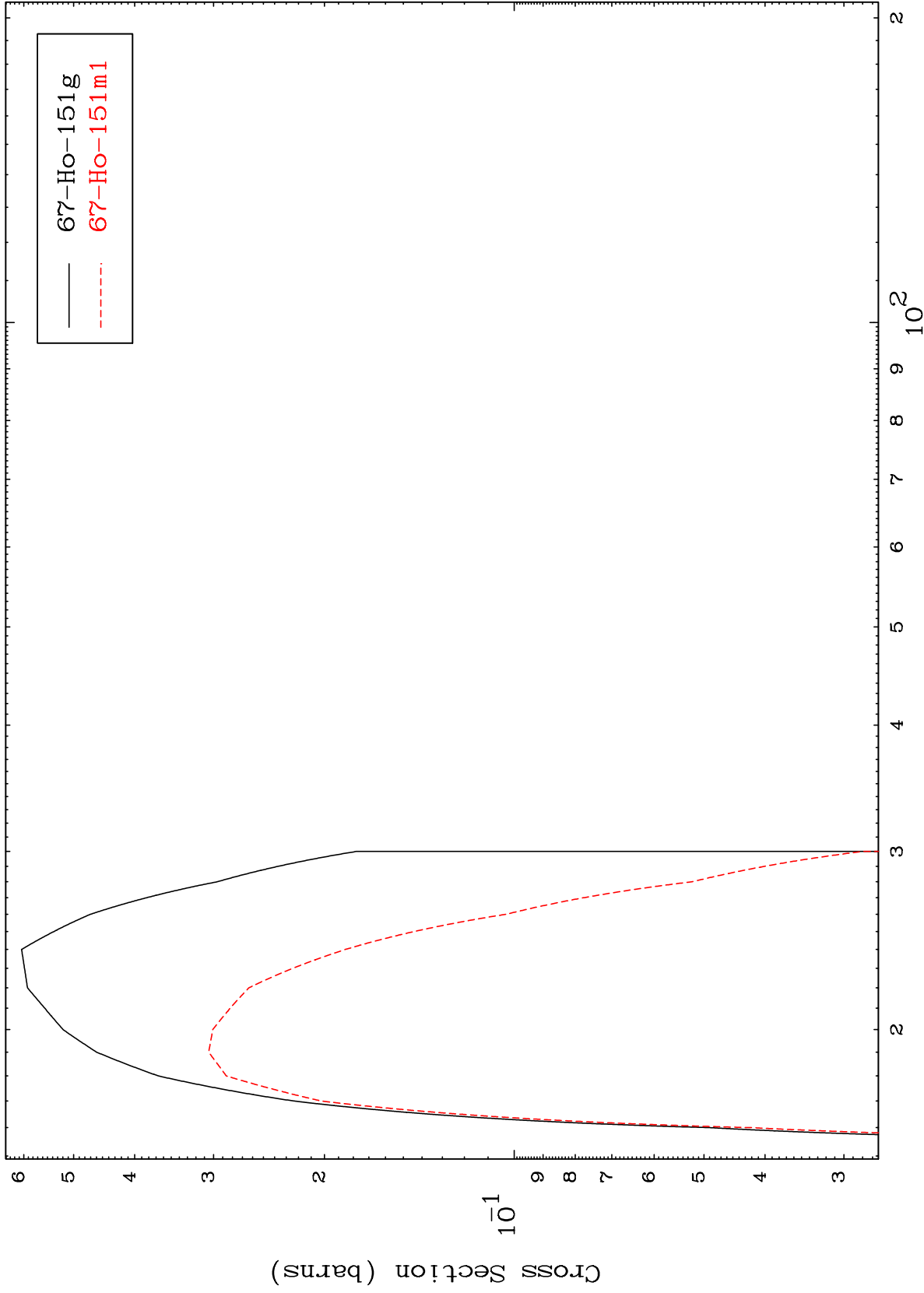
Radionuclide Production Cross Section



MAT 6613

66-Dy-152

(p,2n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

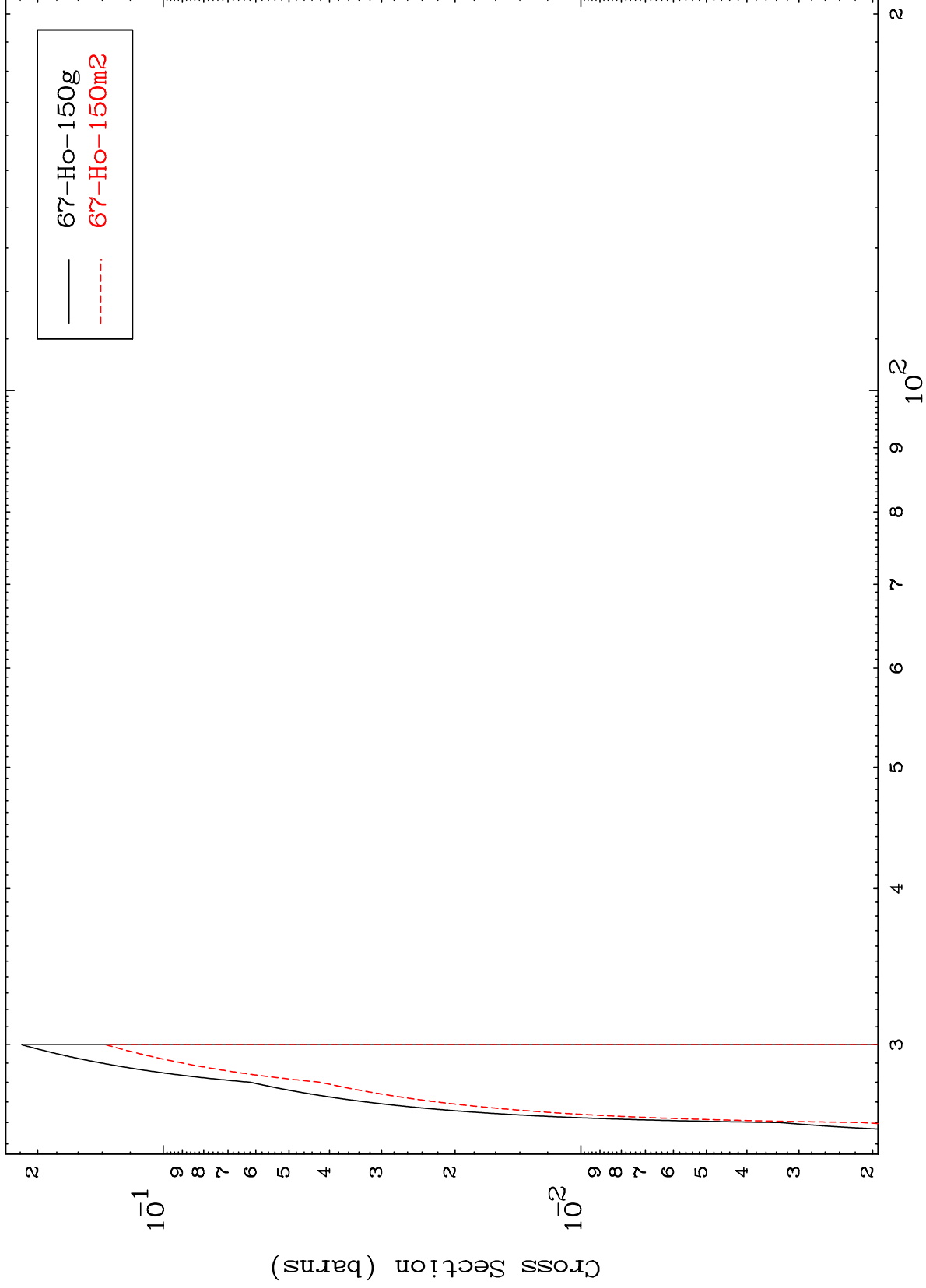
66-Dy-152

MAT 6613

(p,3n)

66-Dy-152

Radionuclide Production Cross Section



15

Incident Energy (MeV)

66-Dy-152

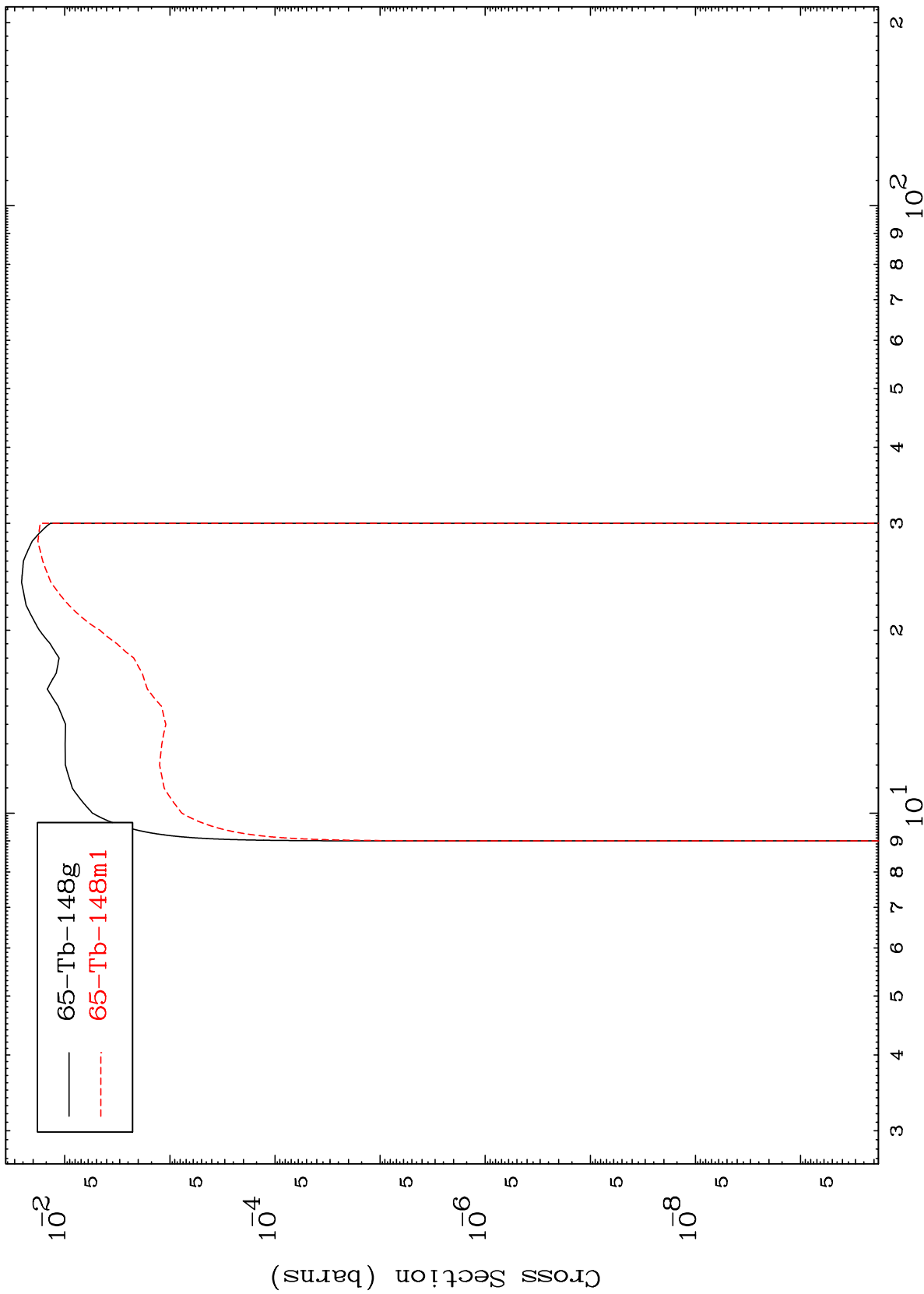


MAT 6613

66-Dy-152

(p,n')  $\alpha$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

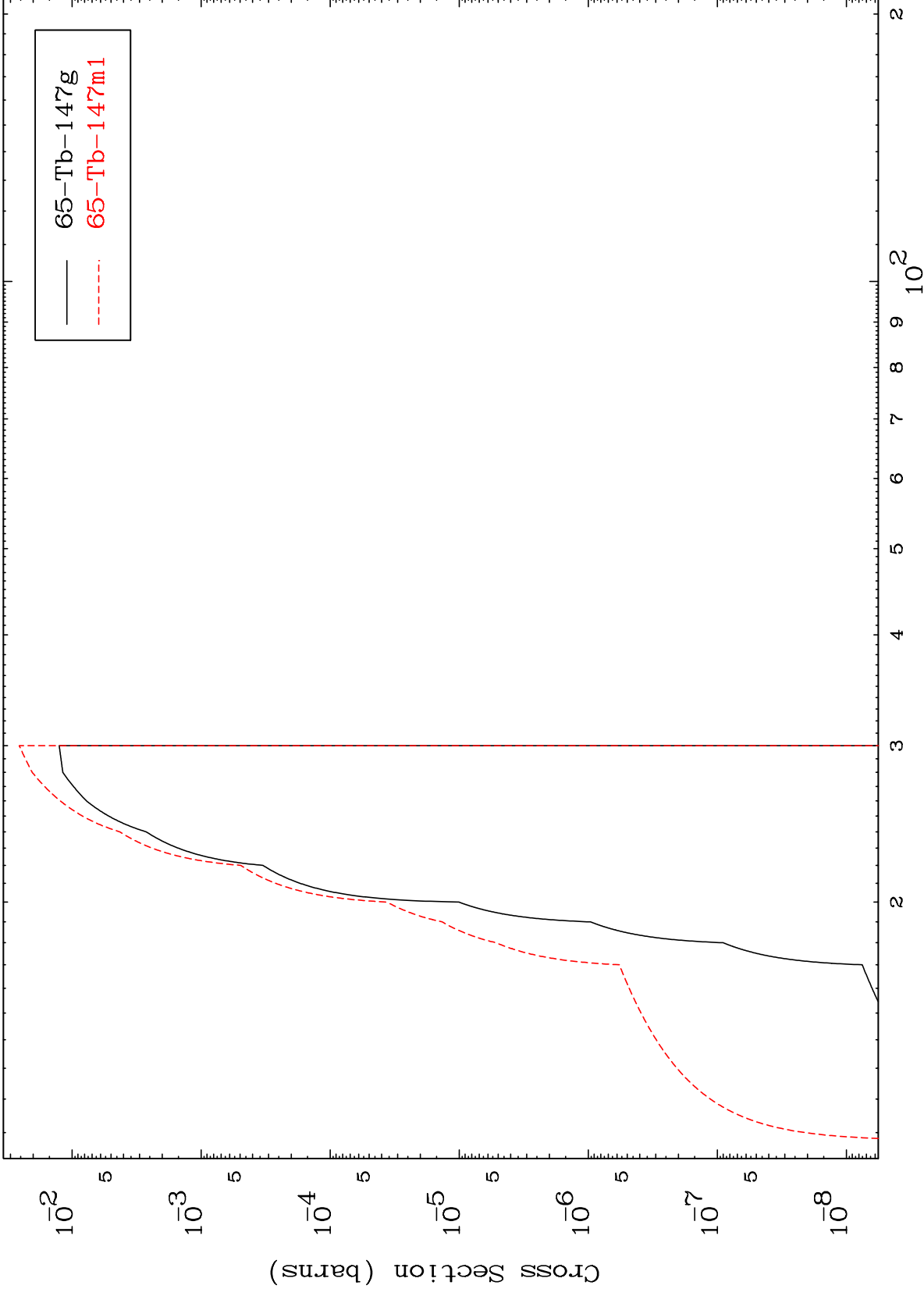
66-Dy-152

MAT 6613

(p,2n)  $\alpha$

66-Dy-152

Radionuclide Production Cross Section



65-Tb-147g  
65-Tb-147m1

17

Incident Energy (MeV)

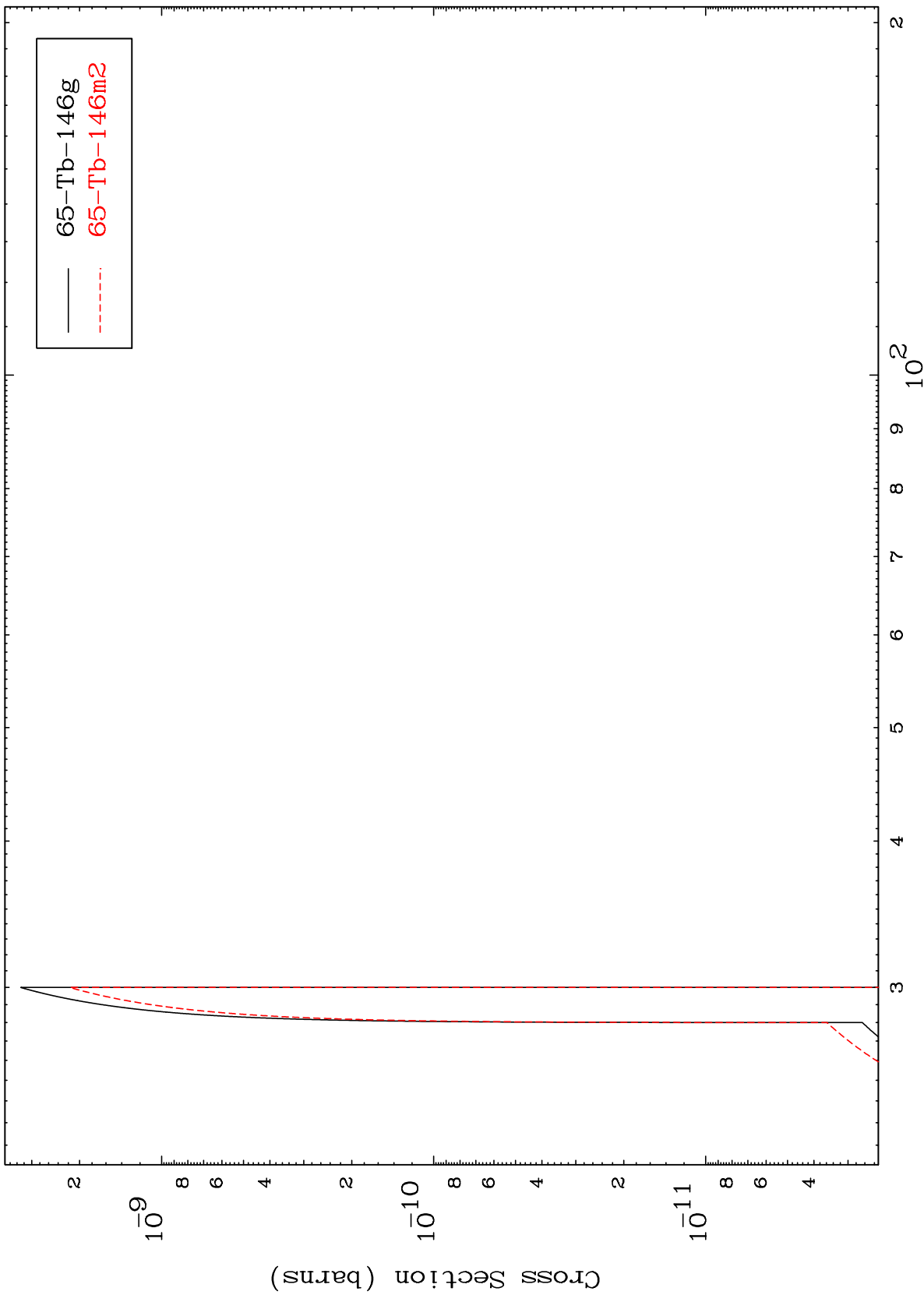
66-Dy-152

MAT 6613

(p,3n)  $\alpha$

66-Dy-152

Radionuclide Production Cross Section



18

Incident Energy (MeV)

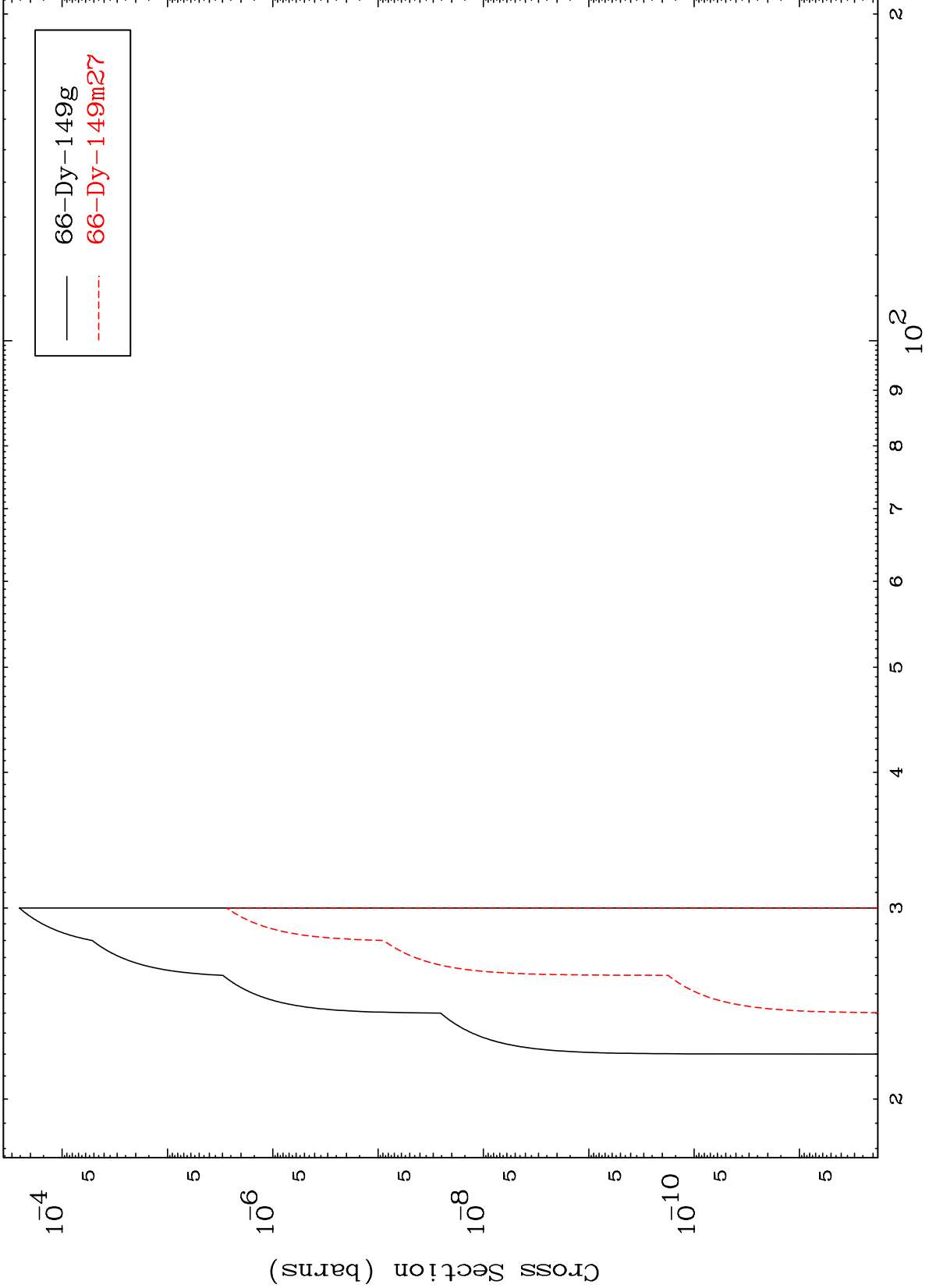
66-Dy-152

MAT 6613

(p,n') t

66-Dy-152

Radionuclide Production Cross Section



66-Dy-149g  
66-Dy-149m27

19

Incident Energy (MeV)

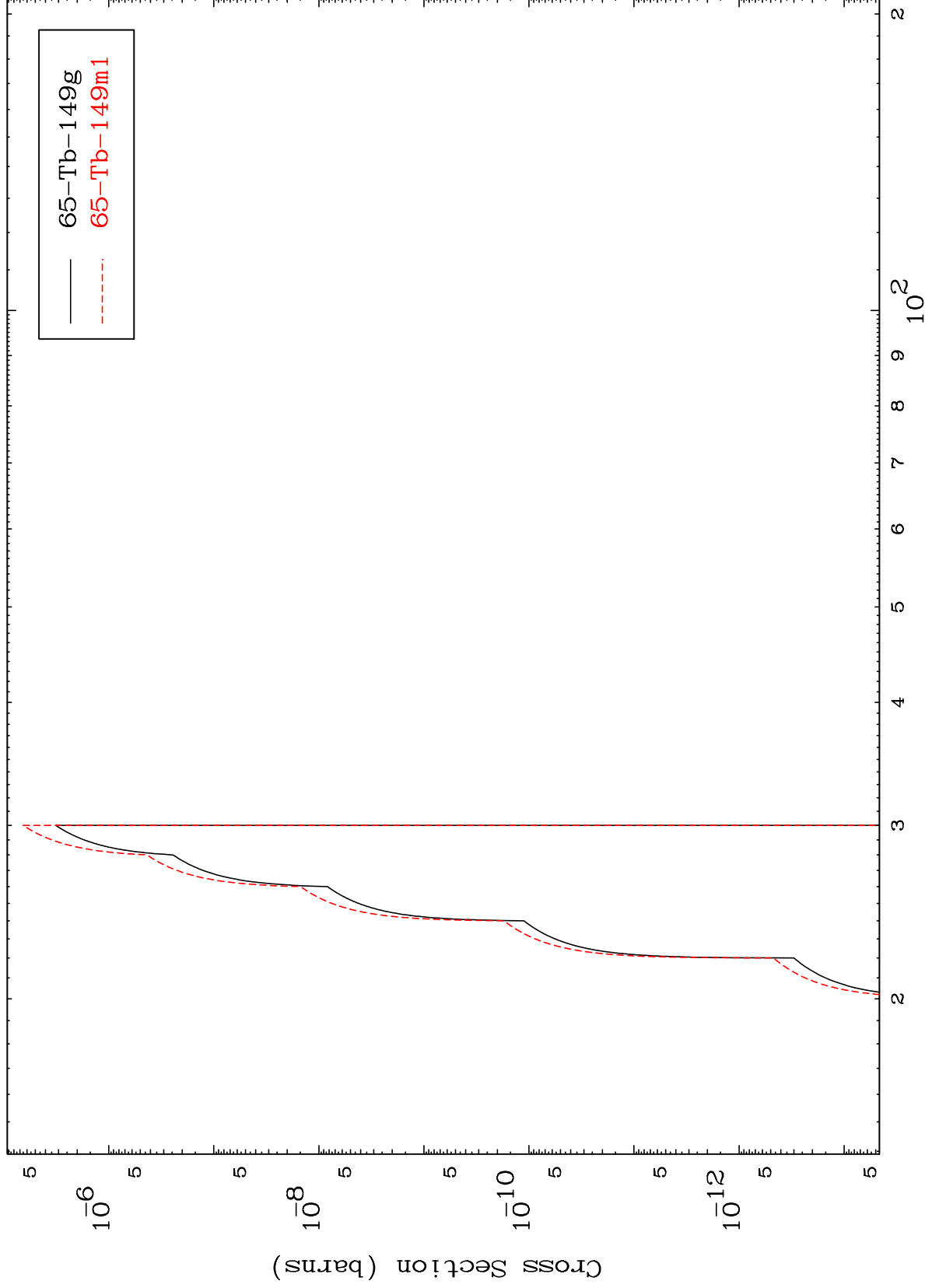
66-Dy-152

MAT 6613

(p,n') He-3

66-Dy-152

Radionuclide Production Cross Section



20

Incident Energy (MeV)

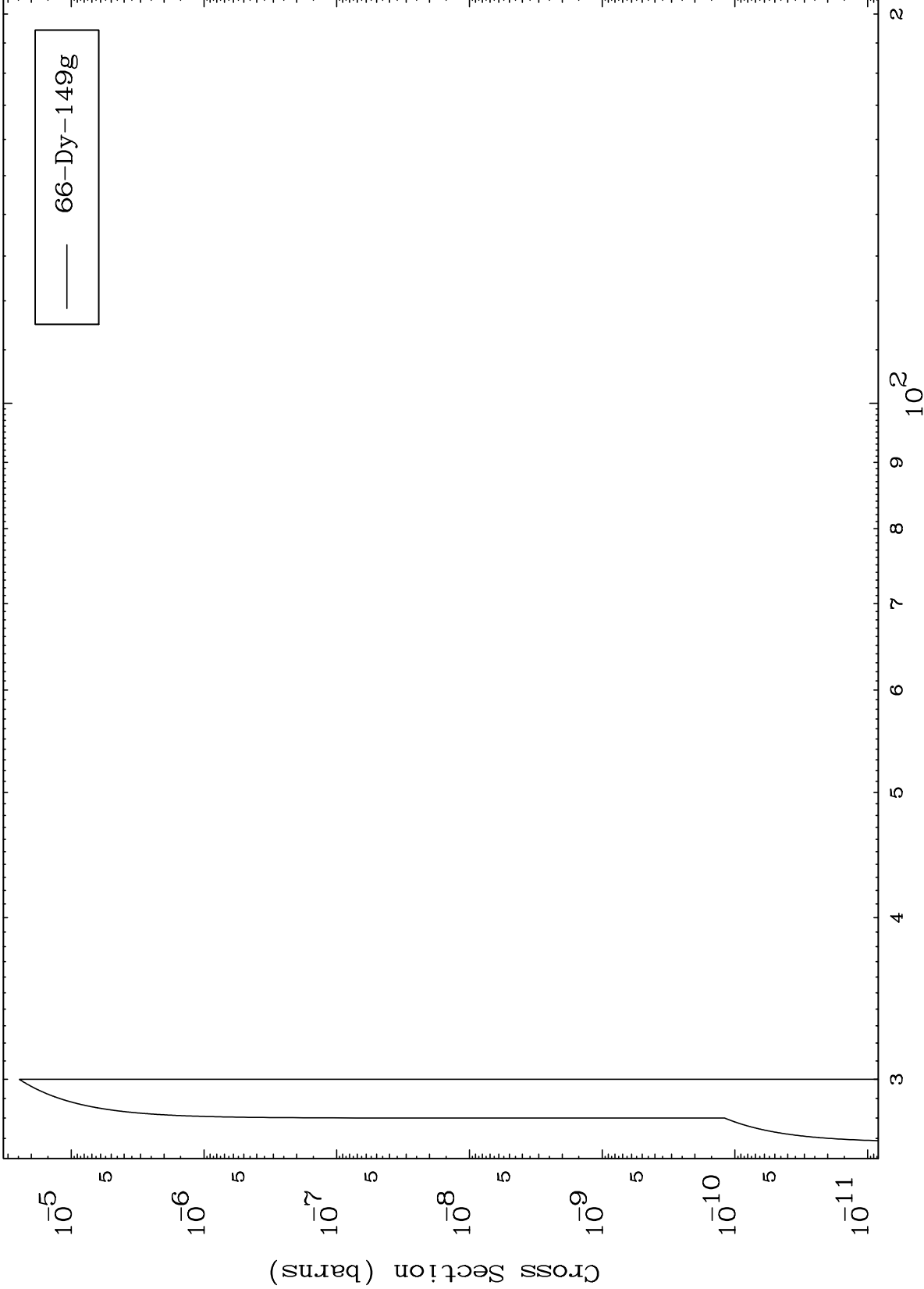
66-Dy-152

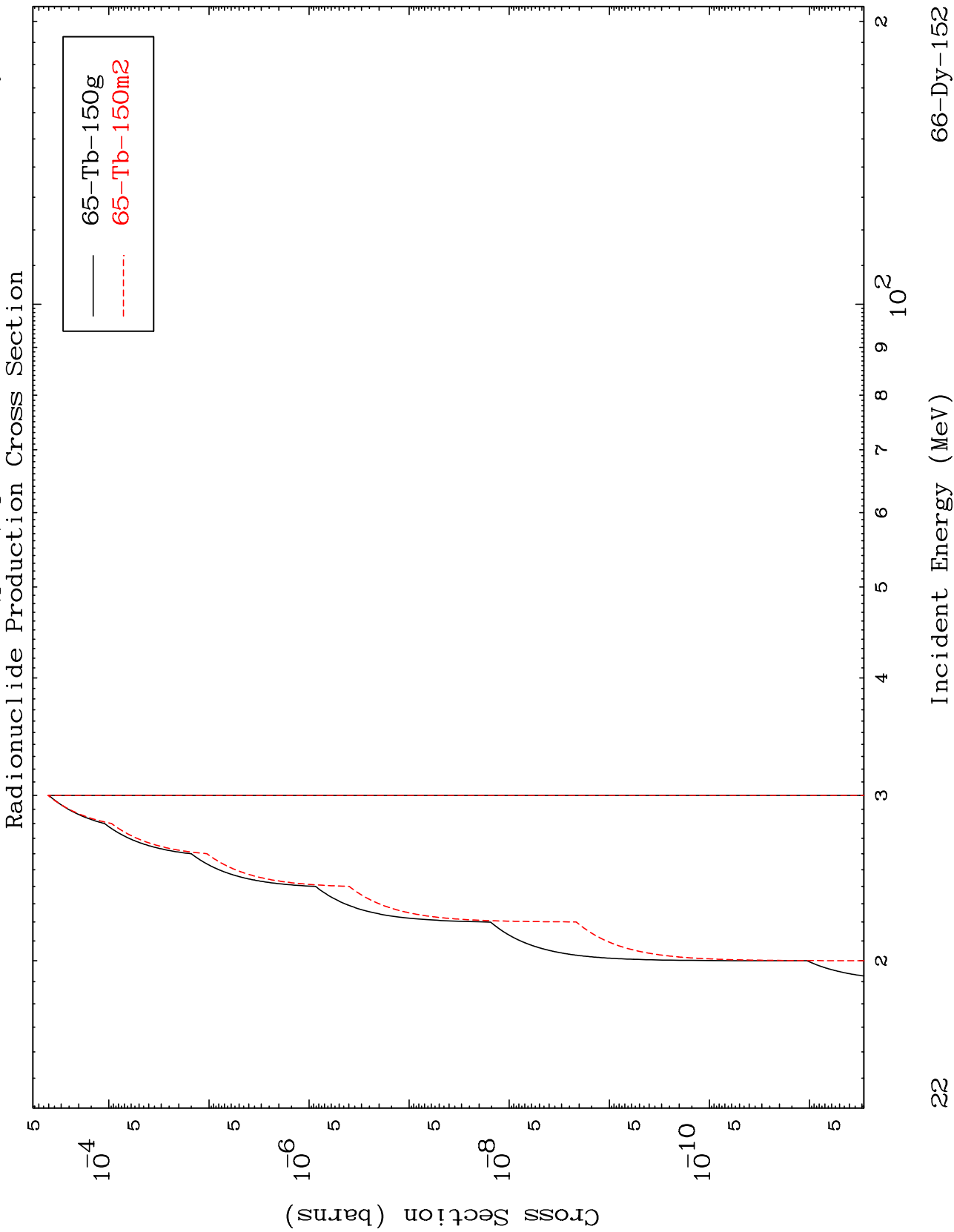
MAT 6613

(p,3n) p

66-Dy-152

Radionuclide Production Cross Section



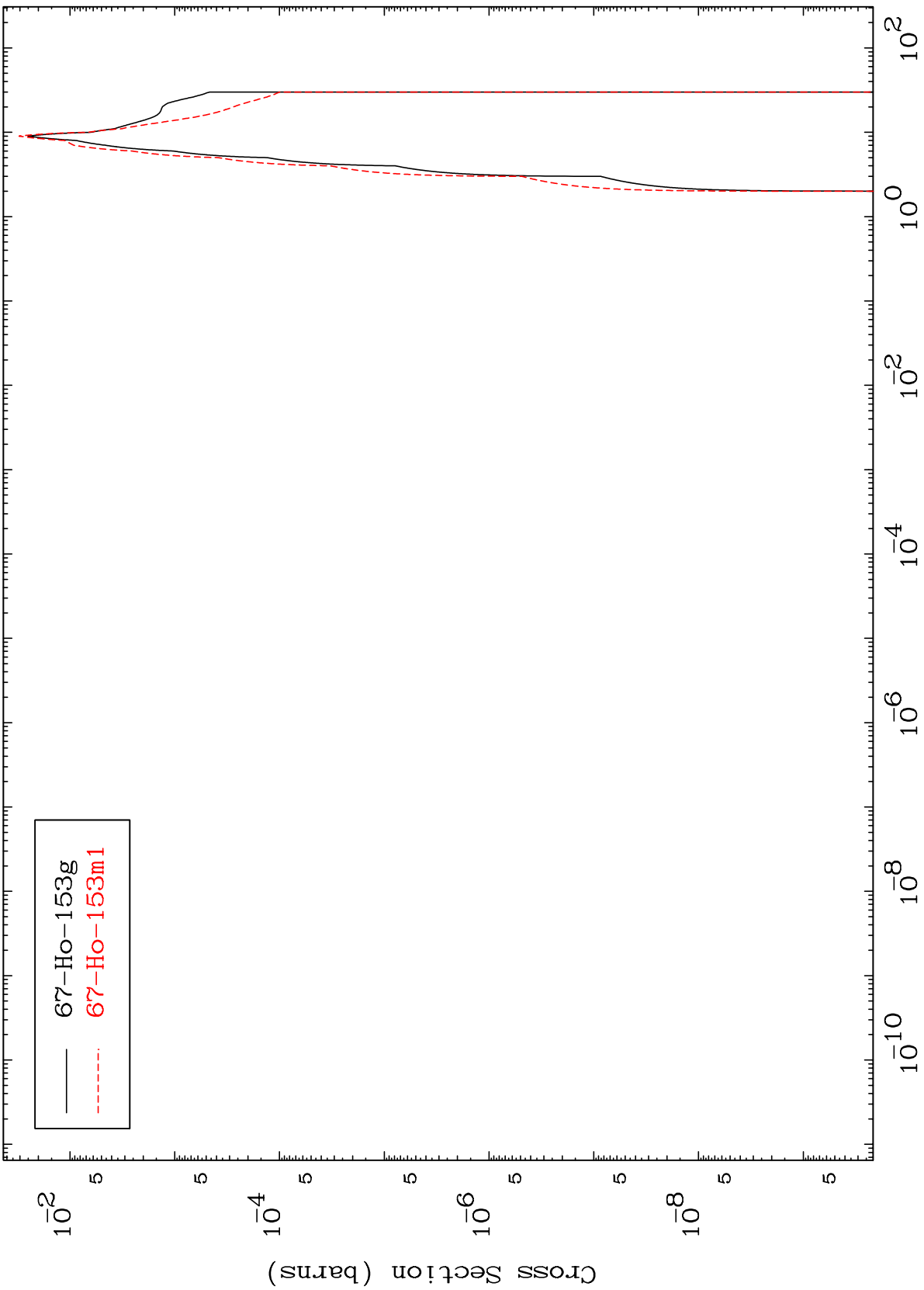
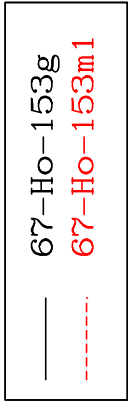


MAT 6613

(p,  $\gamma$ )

66-Dy-152

Radionuclide Production Cross Section



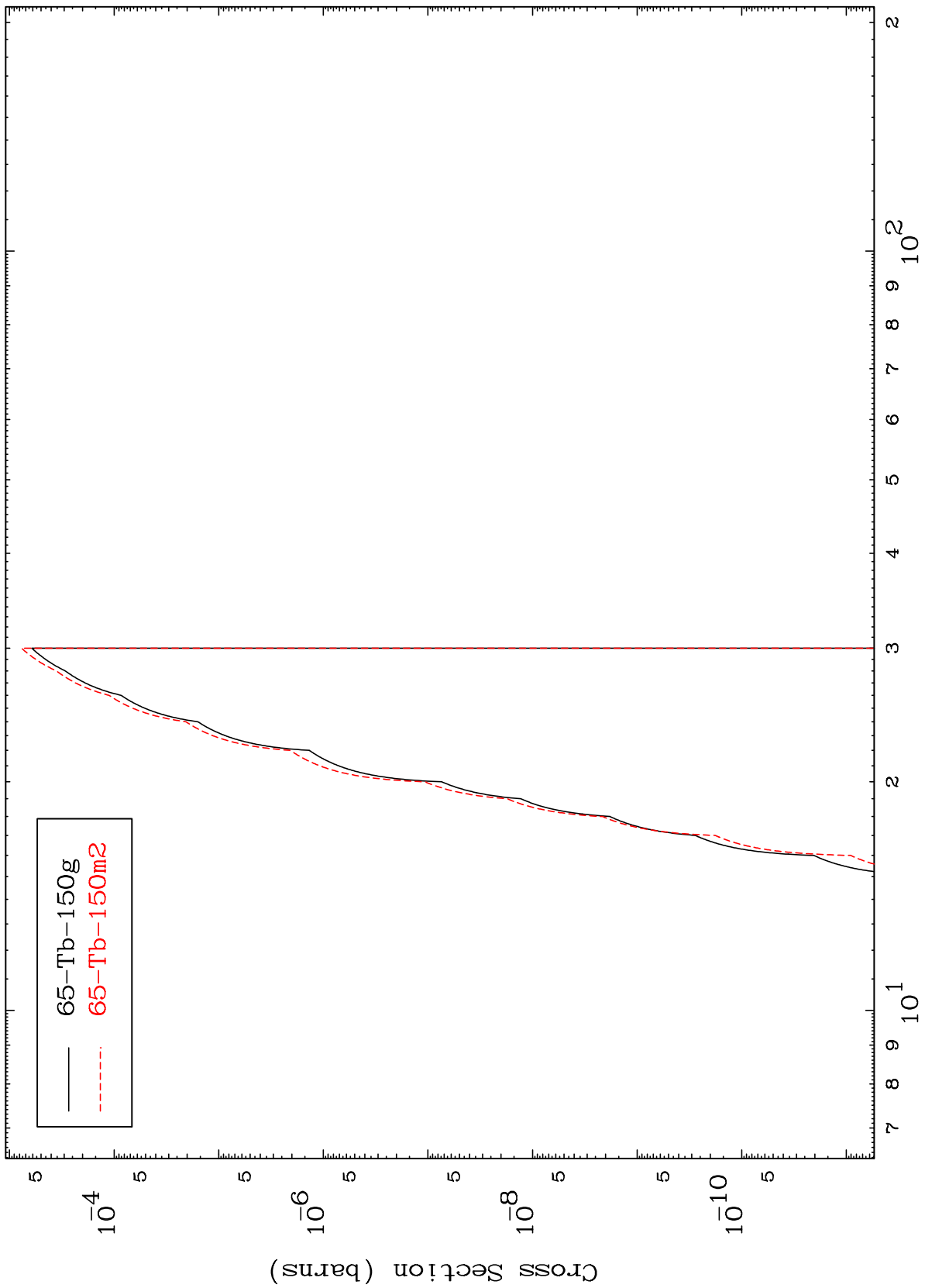


MAT 6613

(p,He-3)

66-Dy-152

Radionuclide Production Cross Section



65-Tb-150g  
65-Tb-150m2

24

Incident Energy (MeV)

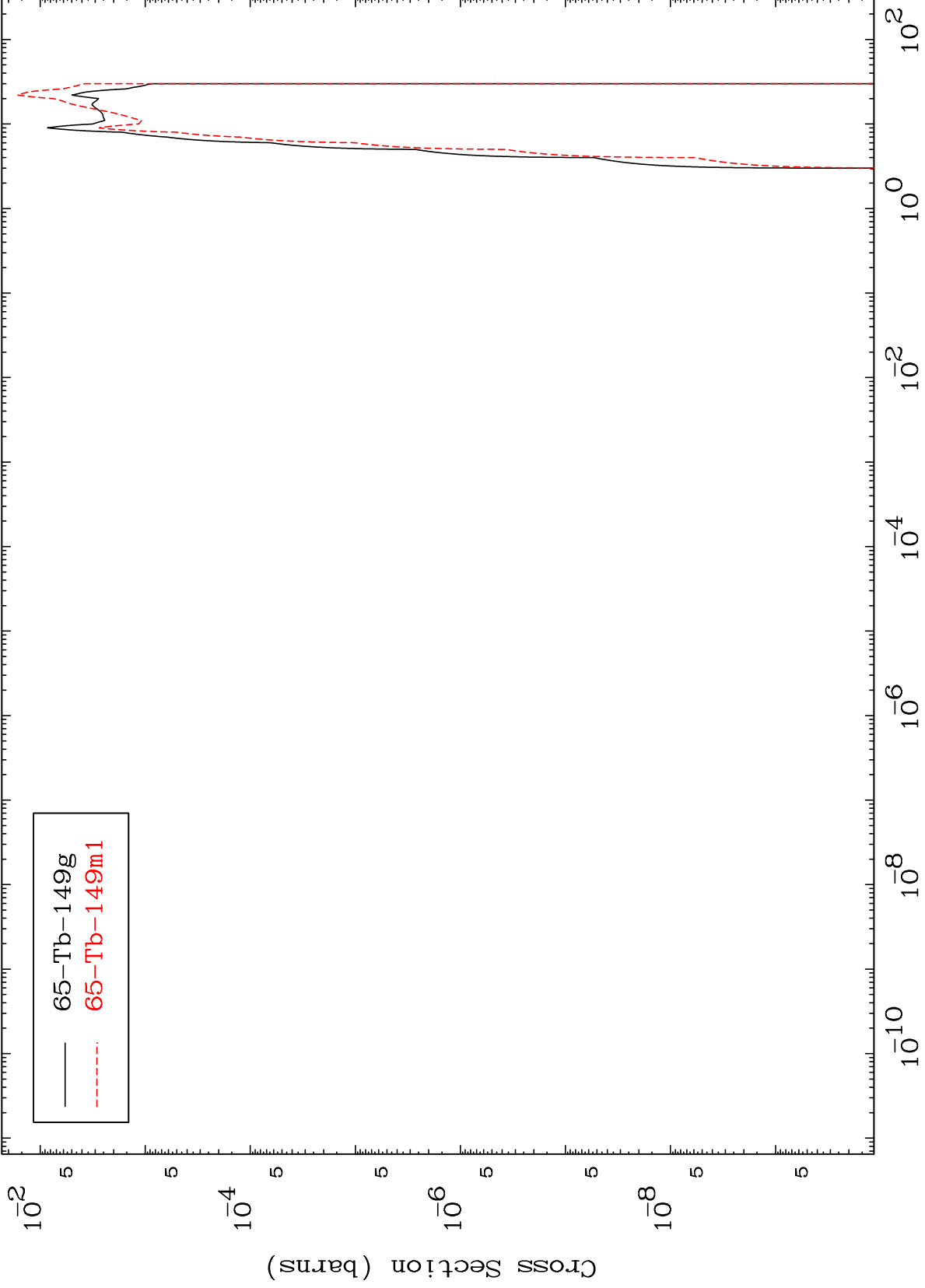
66-Dy-152

MAT 6613

(p,  $\alpha$ )

66-Dy-152

Radionuclide Production Cross Section



25

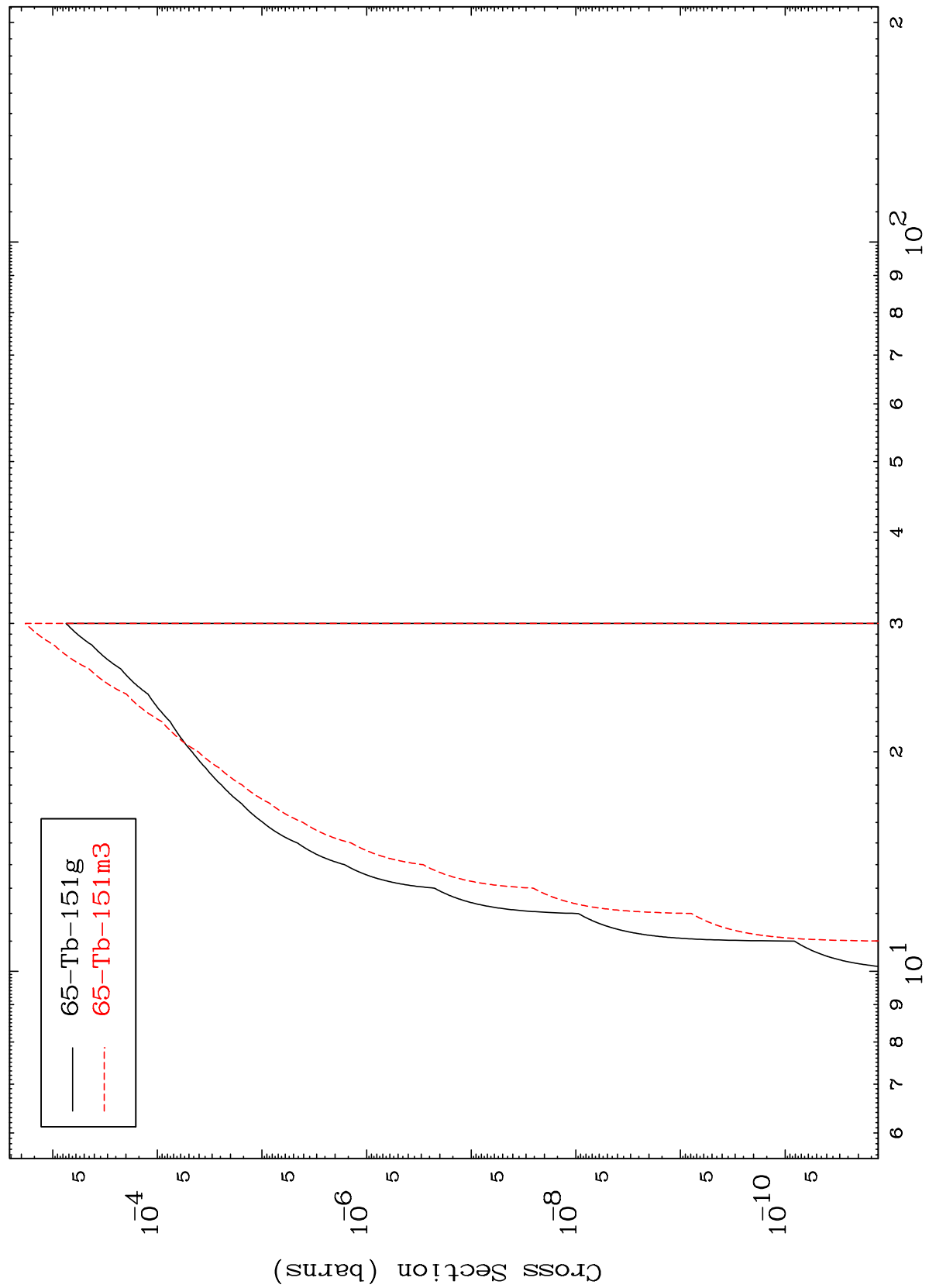
Incident Energy (MeV)

66-Dy-152

MAT 6613

66-Dy-152

Radionuclide Production Cross Section  
(p,2p)



65-Tb-151g  
65-Tb-151m3

26

Incident Energy (MeV)

66-Dy-152

Radionuclide Production Cross Section

