

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

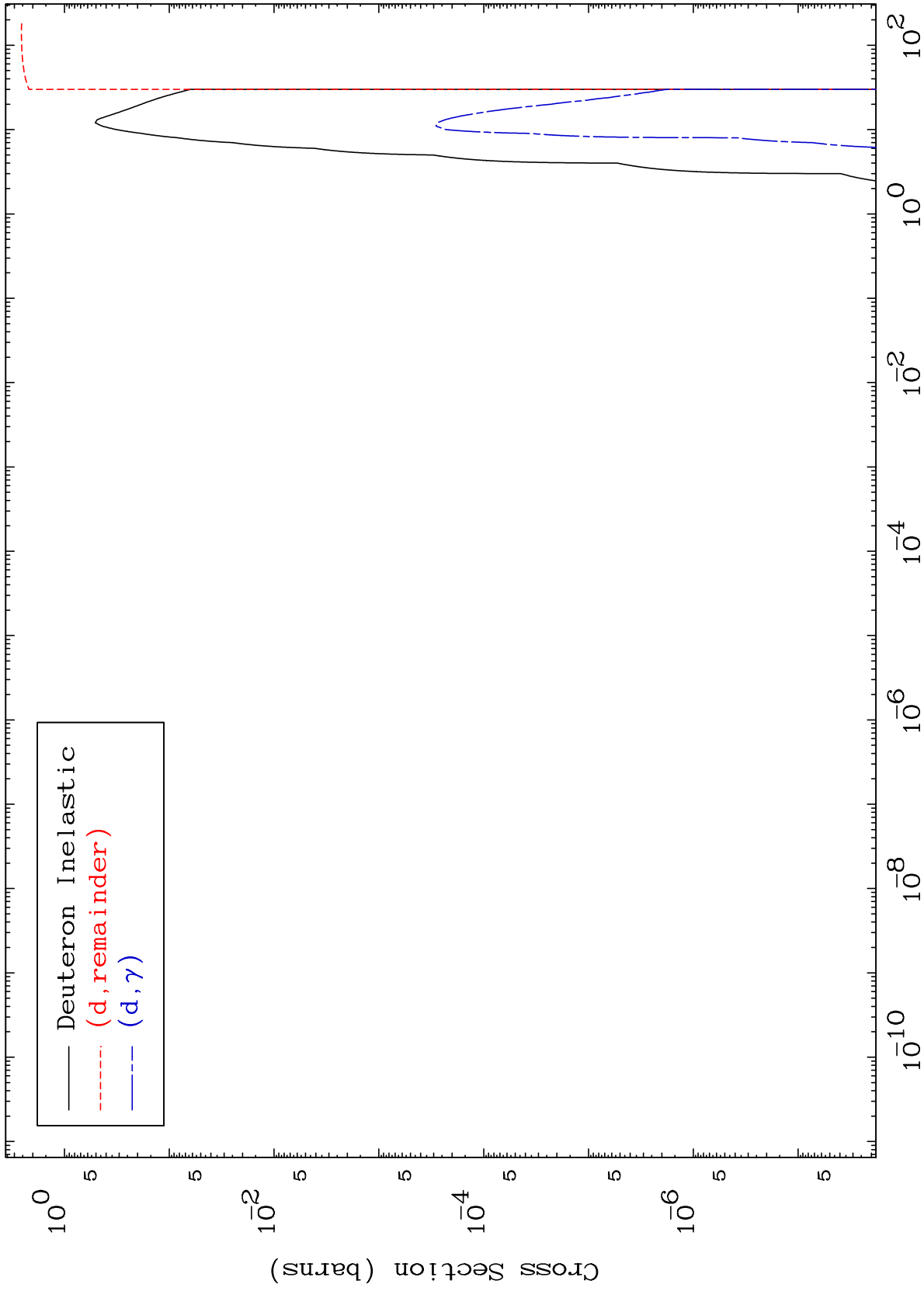
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6407

Deuteron Major
0 Kelvin Cross Sections

64-Gd-146



1

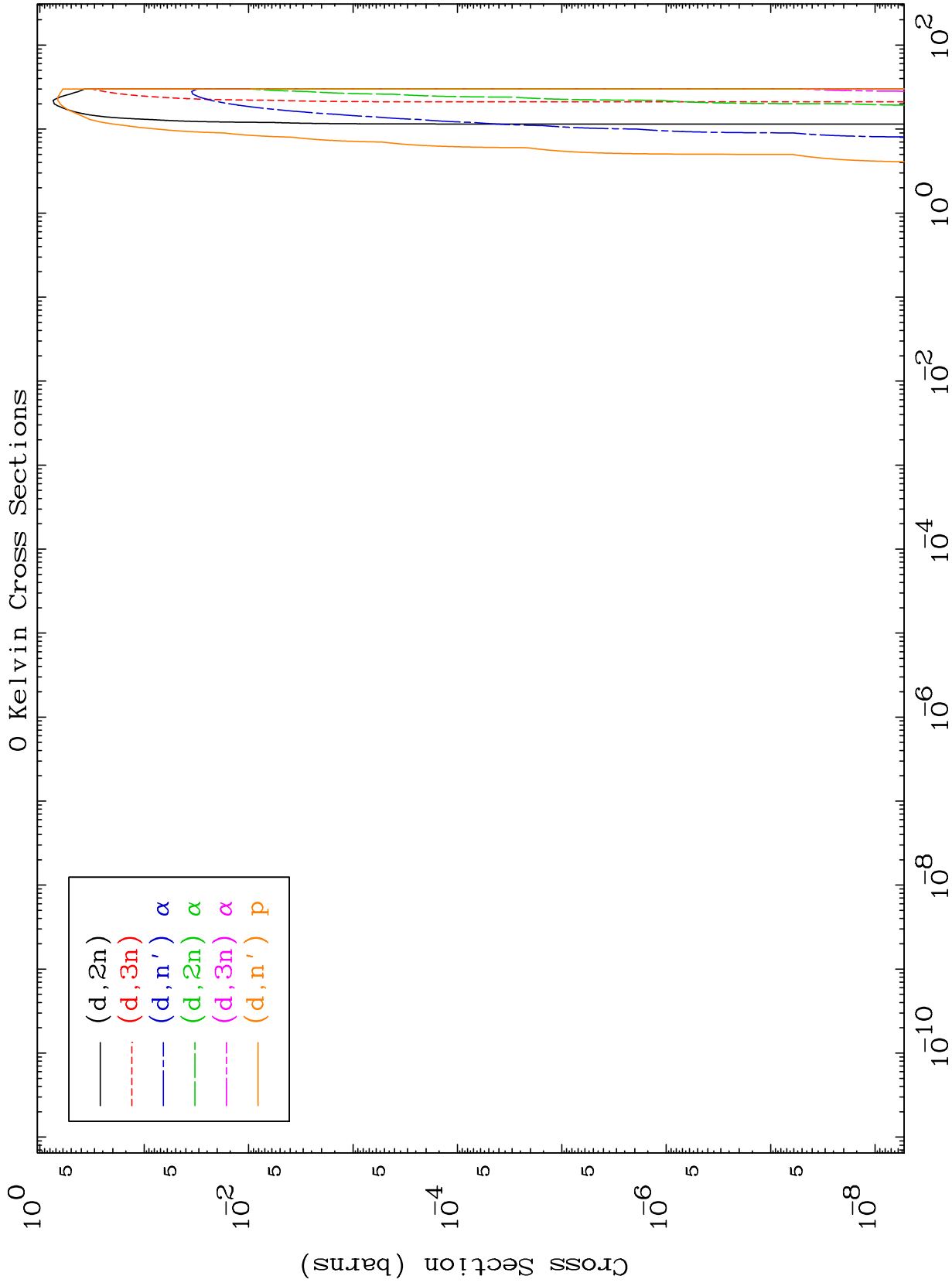
Incident Energy (MeV)

64-Gd-146

MAT 6407

Deuteron Neutron Production
0 Kelvin Cross Sections

64-Gd-146



2

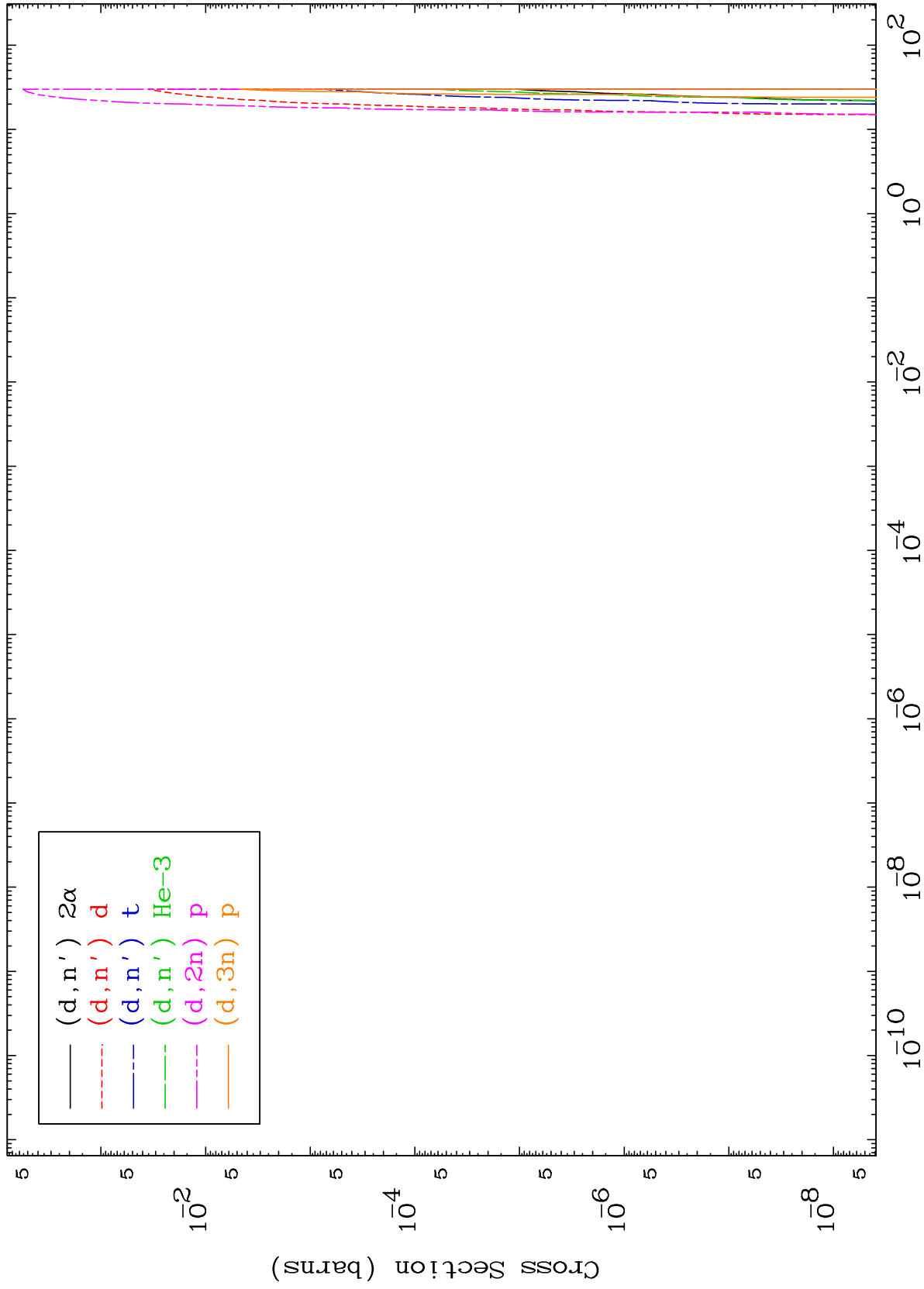
Incident Energy (MeV)

64-Gd-146

MAT 6407

Deuteron Neutron Production
0 Kelvin Cross Sections

64-Gd-146



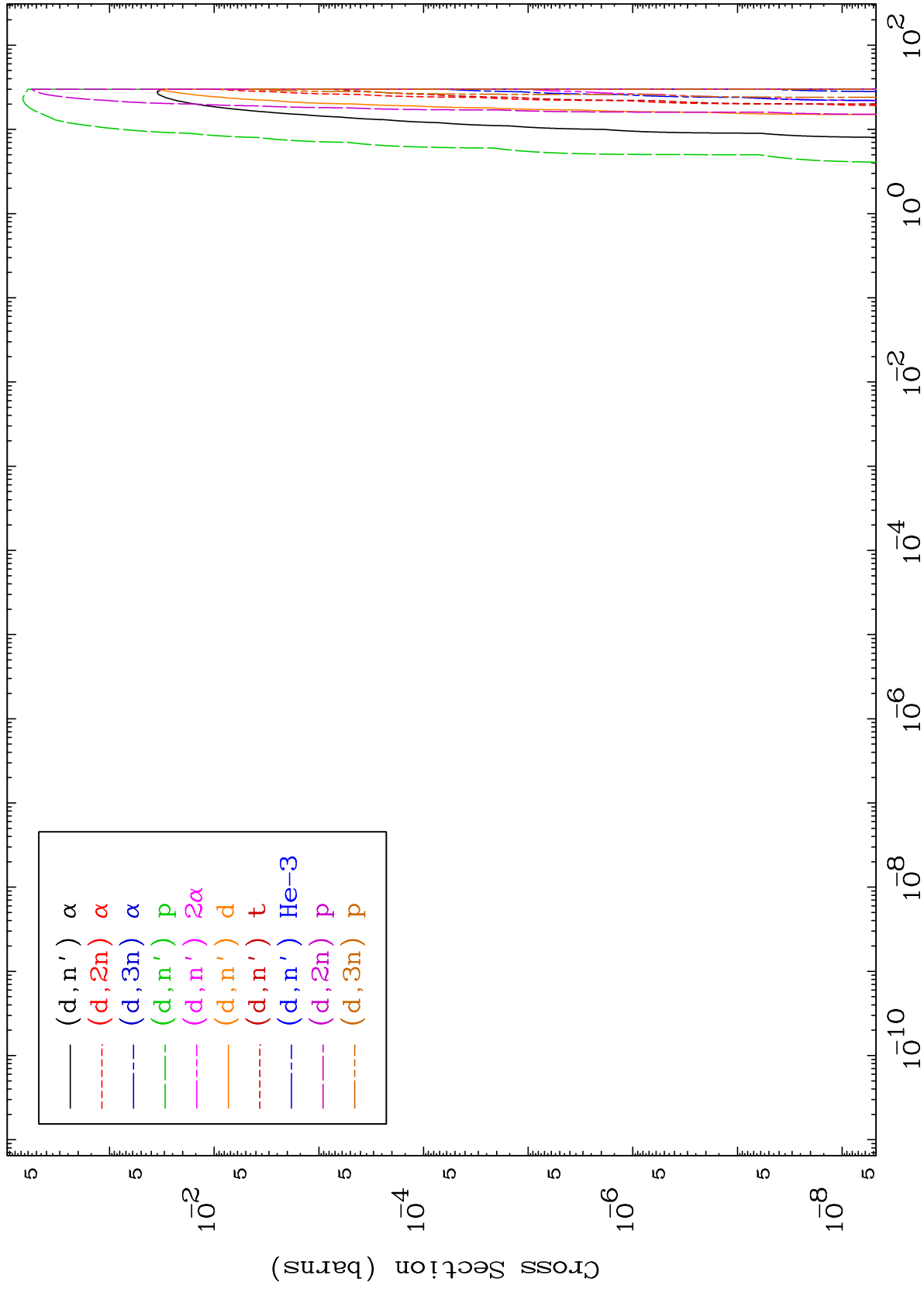
3

64-Gd-146

MAT 6407

Deuteron Charged Particle
0 Kelvin Cross Sections

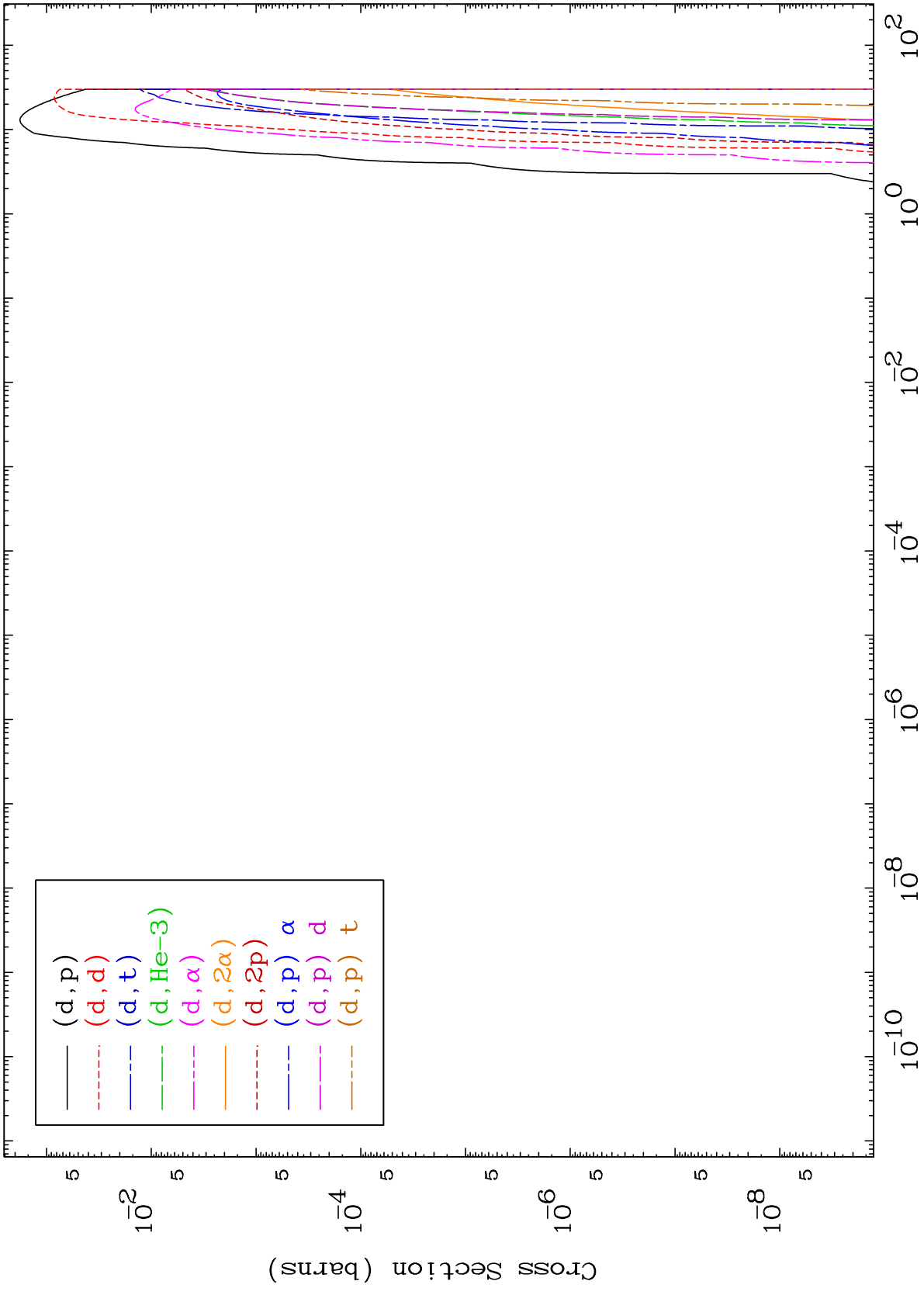
64-Gd-146



MAT 6407

Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-146

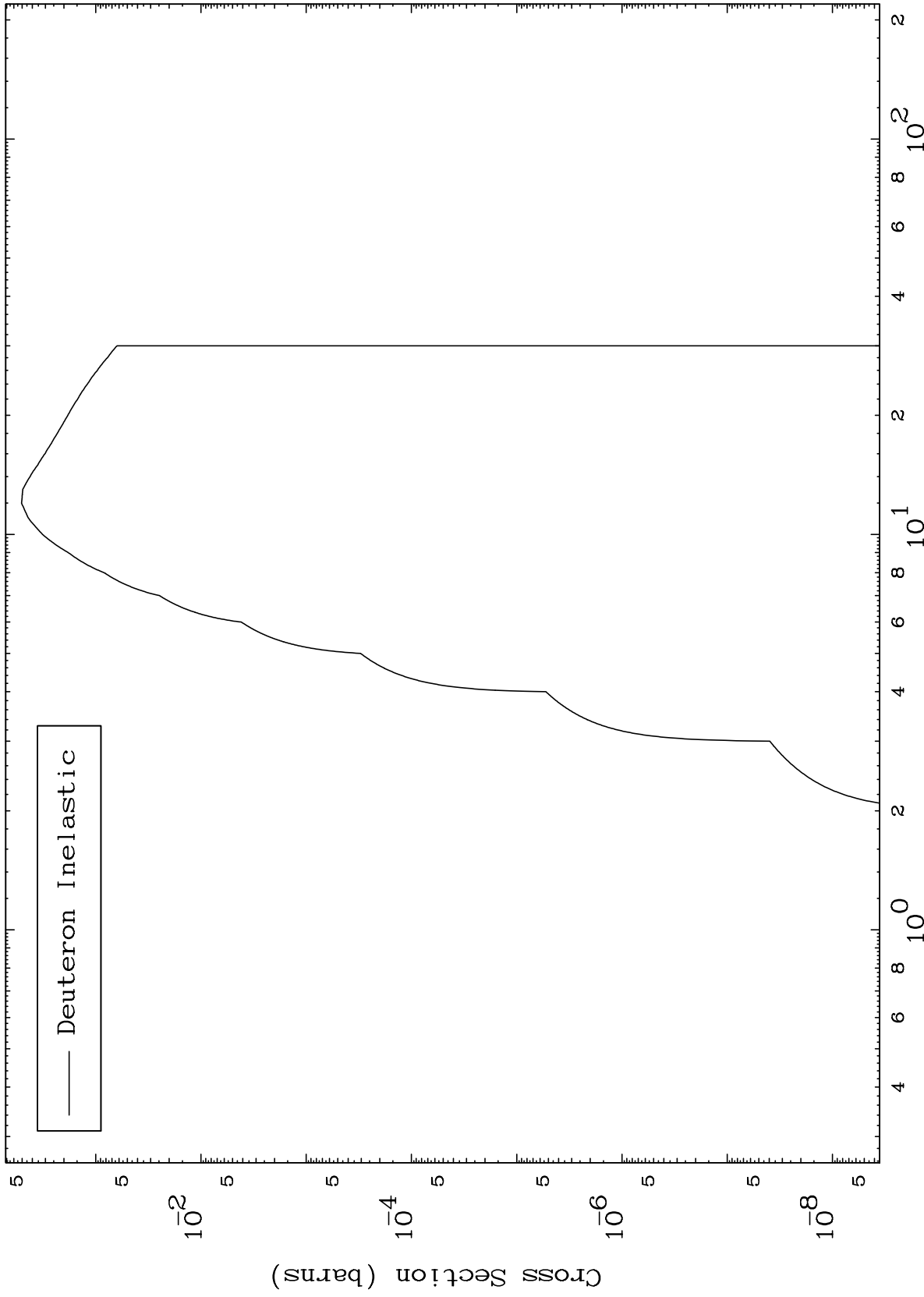


64-Gd-146

MAT 6407

(d,n') Level
0 Kelvin Cross Sections

64-Gd-146



6

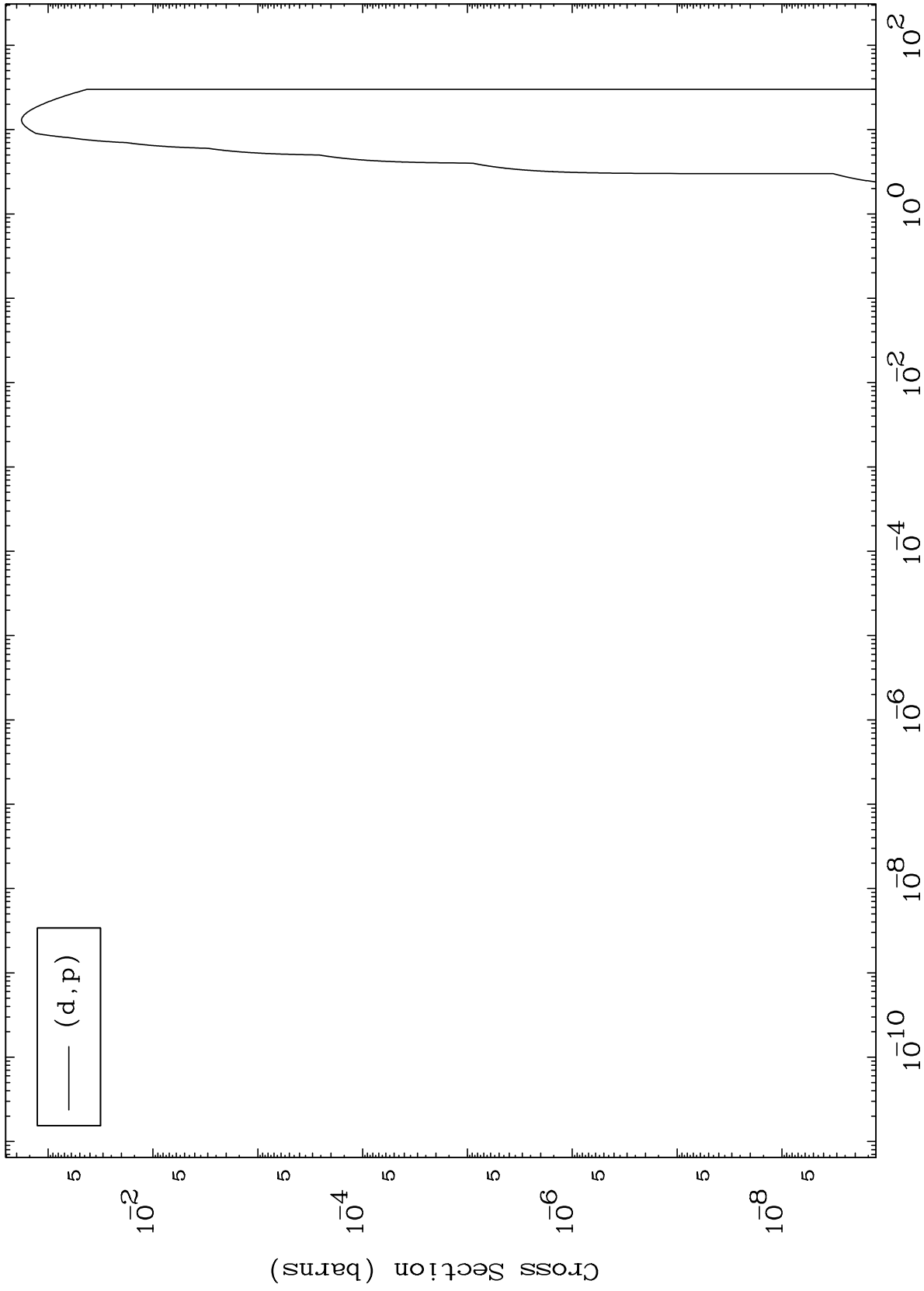
Incident Energy (MeV)

64-Gd-146

MAT 6407

(d,p) Levels
0 Kelvin Cross Sections

64-Gd-146



7

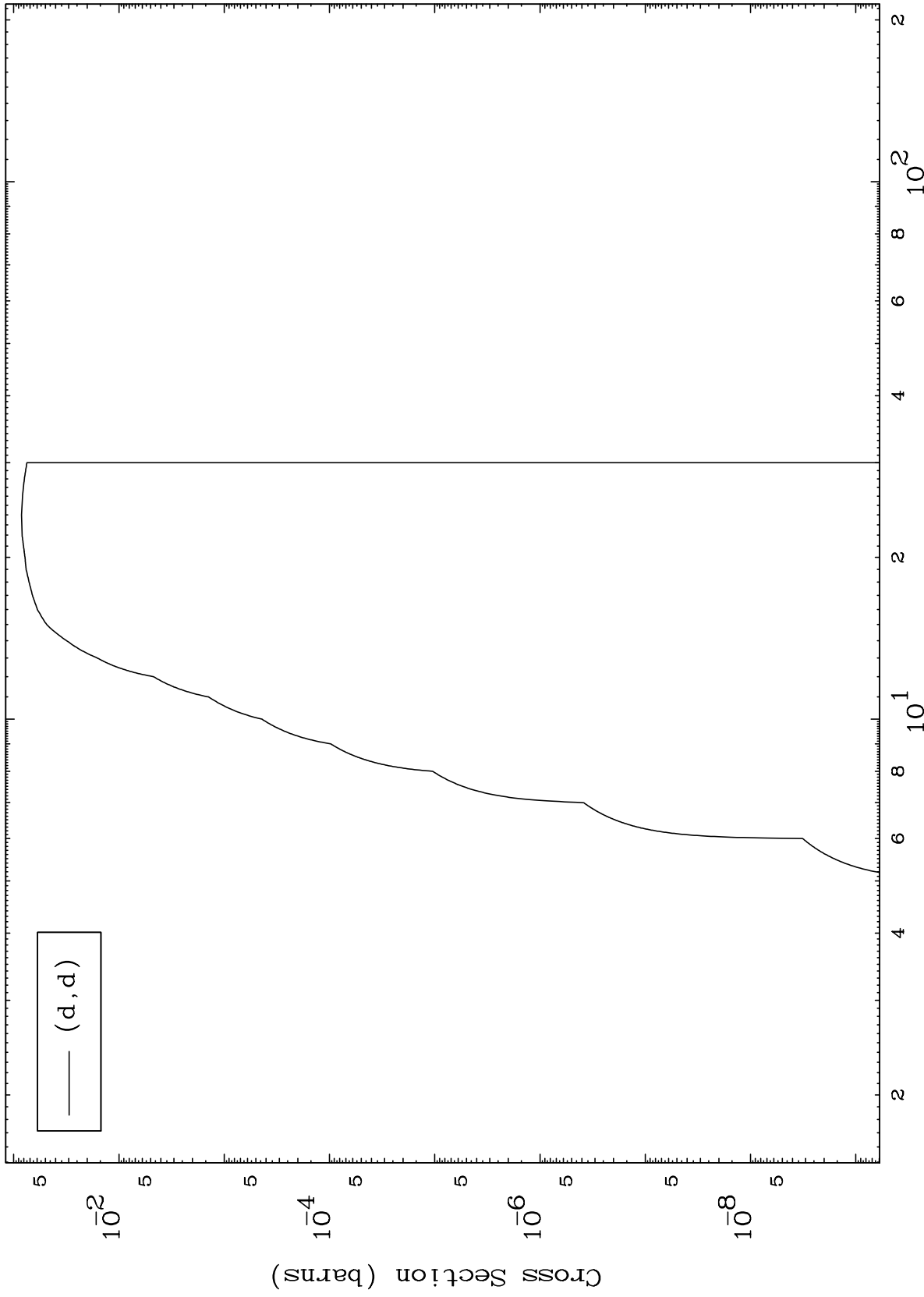
Incident Energy (MeV)

64-Gd-146

MAT 6407

(d,d) Levels
0 Kelvin Cross Sections

64-Gd-146



8

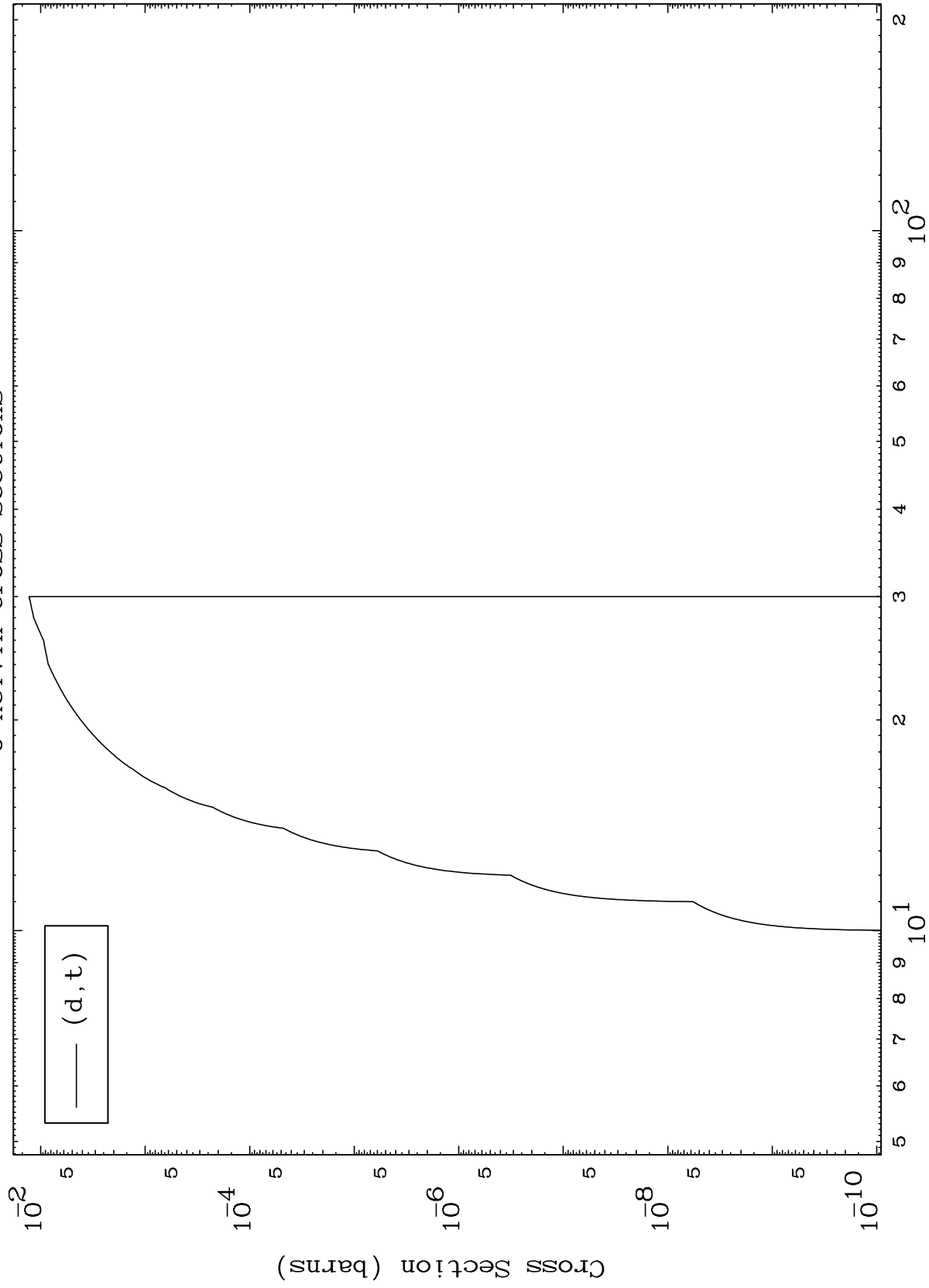
Incident Energy (MeV)

64-Gd-146

MAT 6407

(d,t) Levels
0 Kelvin Cross Sections

64-Gd-146



9

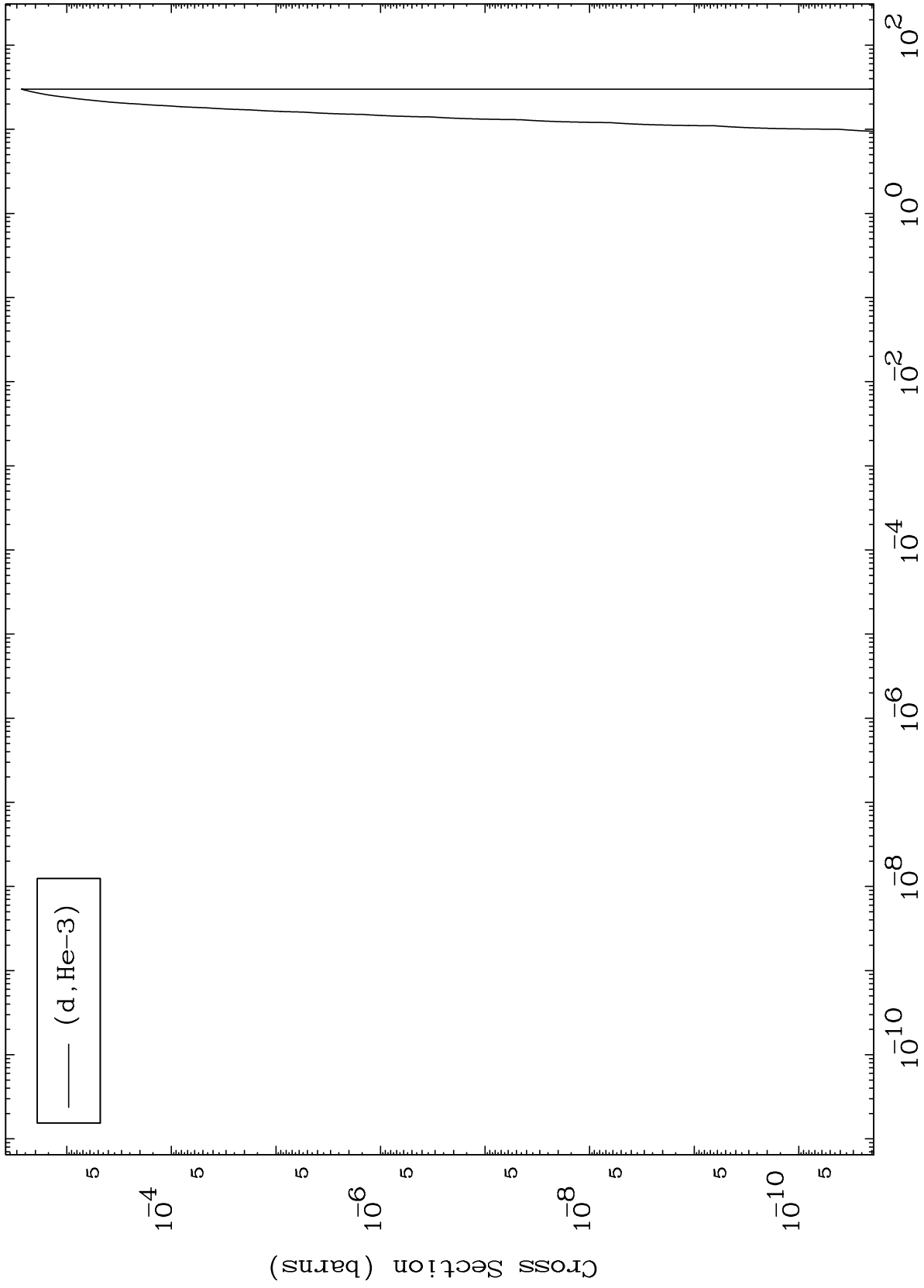
Incident Energy (MeV)

64-Gd-146

MAT 6407

(d,He3) Levels
0 Kelvin Cross Sections

64-Gd-146



10

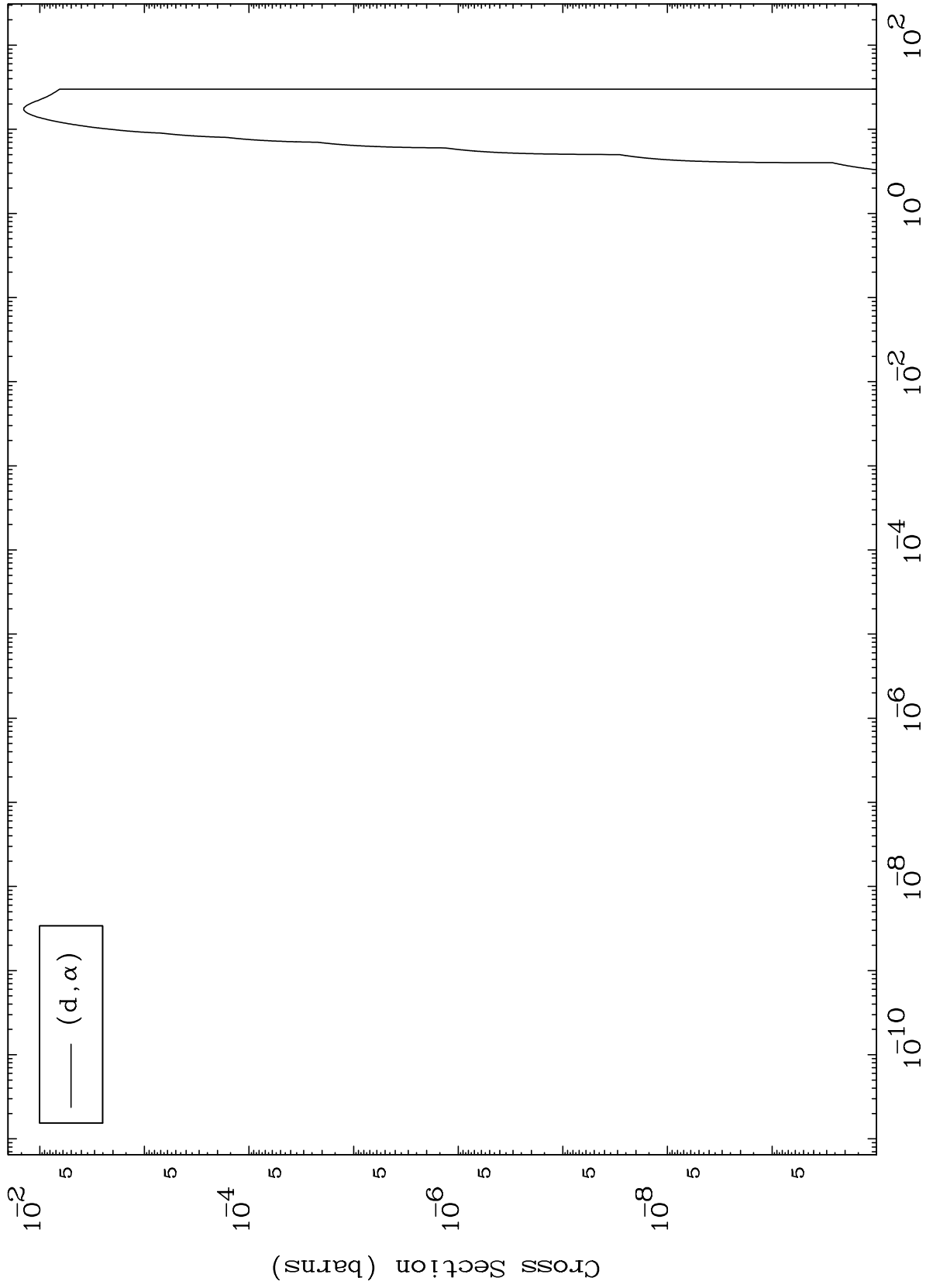
Incident Energy (MeV)

64-Gd-146

MAT 6407

(d,α) Levels
0 Kelvin Cross Sections

64-Gd-146



11

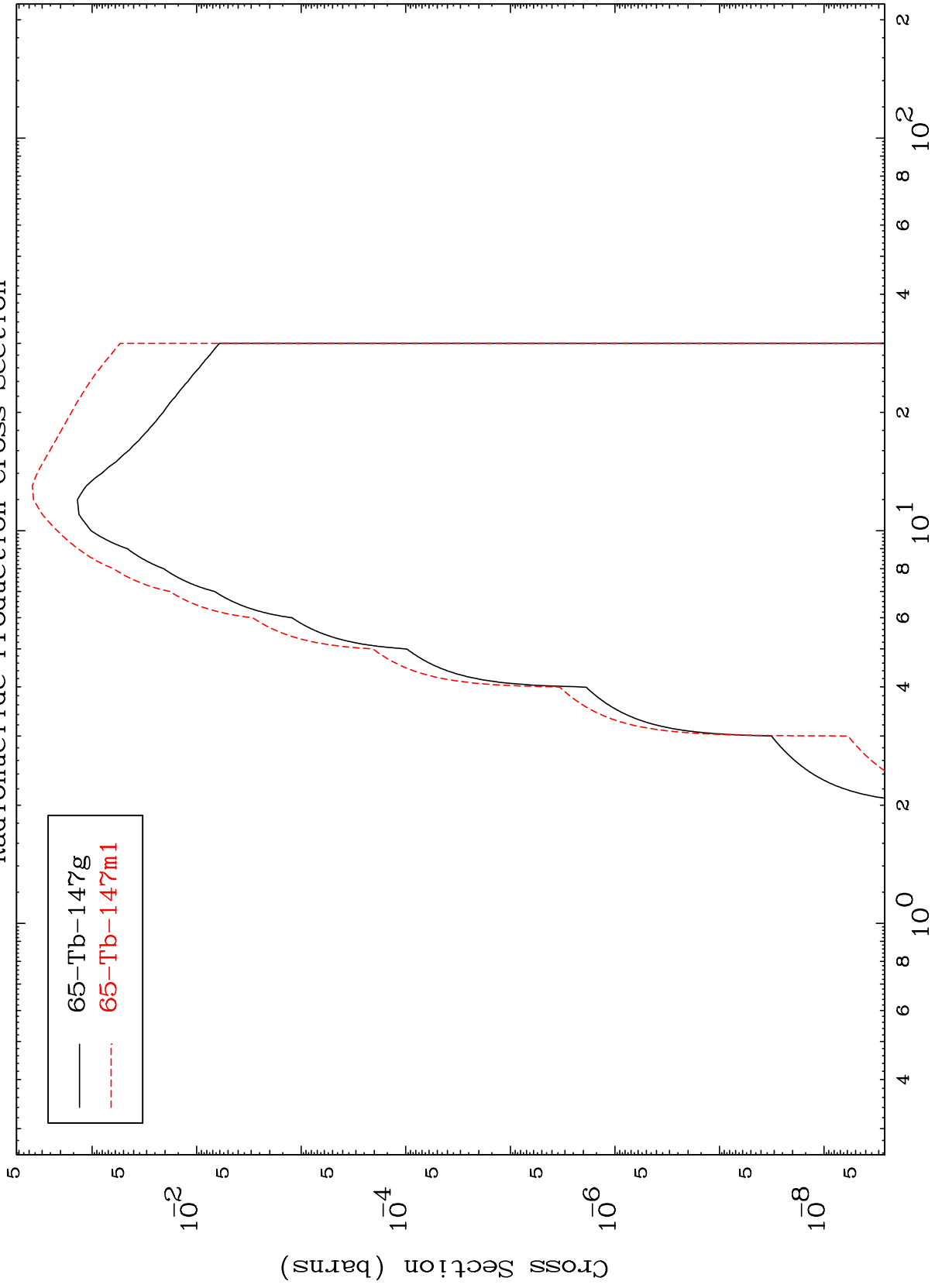
Incident Energy (MeV)

64-Gd-146

MAT 6407

Deuteron Inelastic
Radionuclide Production Cross Section

64-Gd-146



12

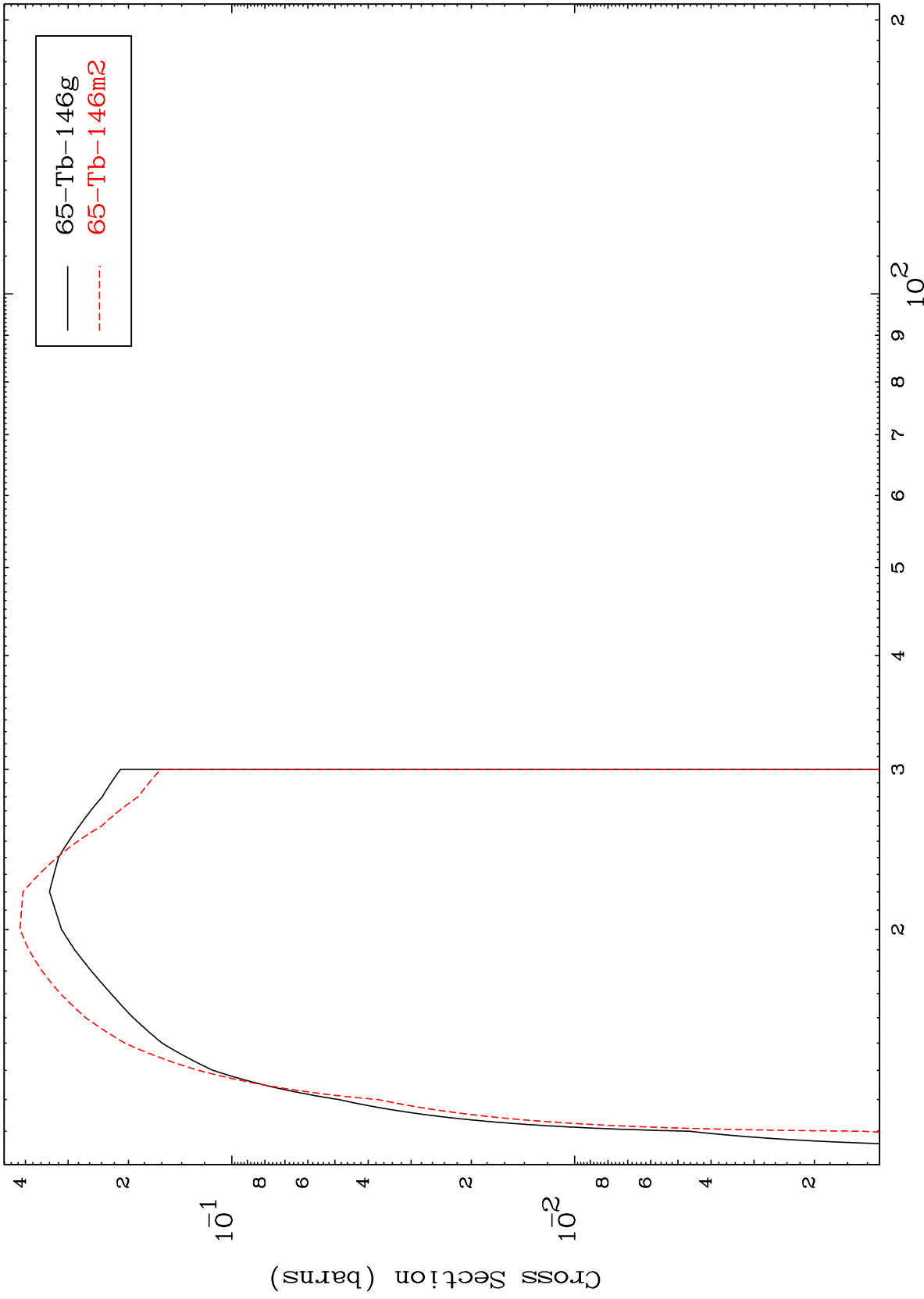
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(d,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

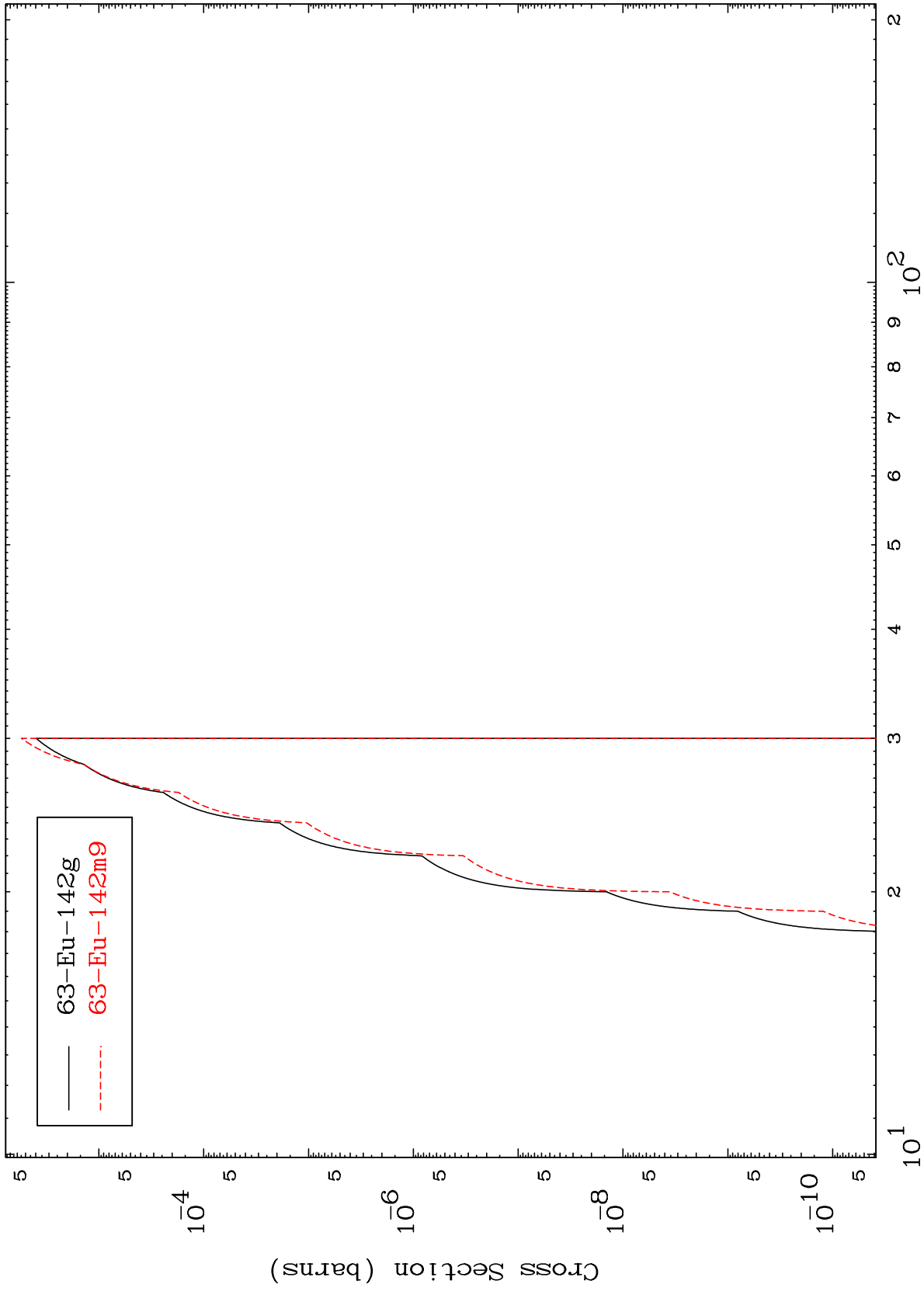
64-Gd-146

MAT 6407

(d,2n) α

64-Gd-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

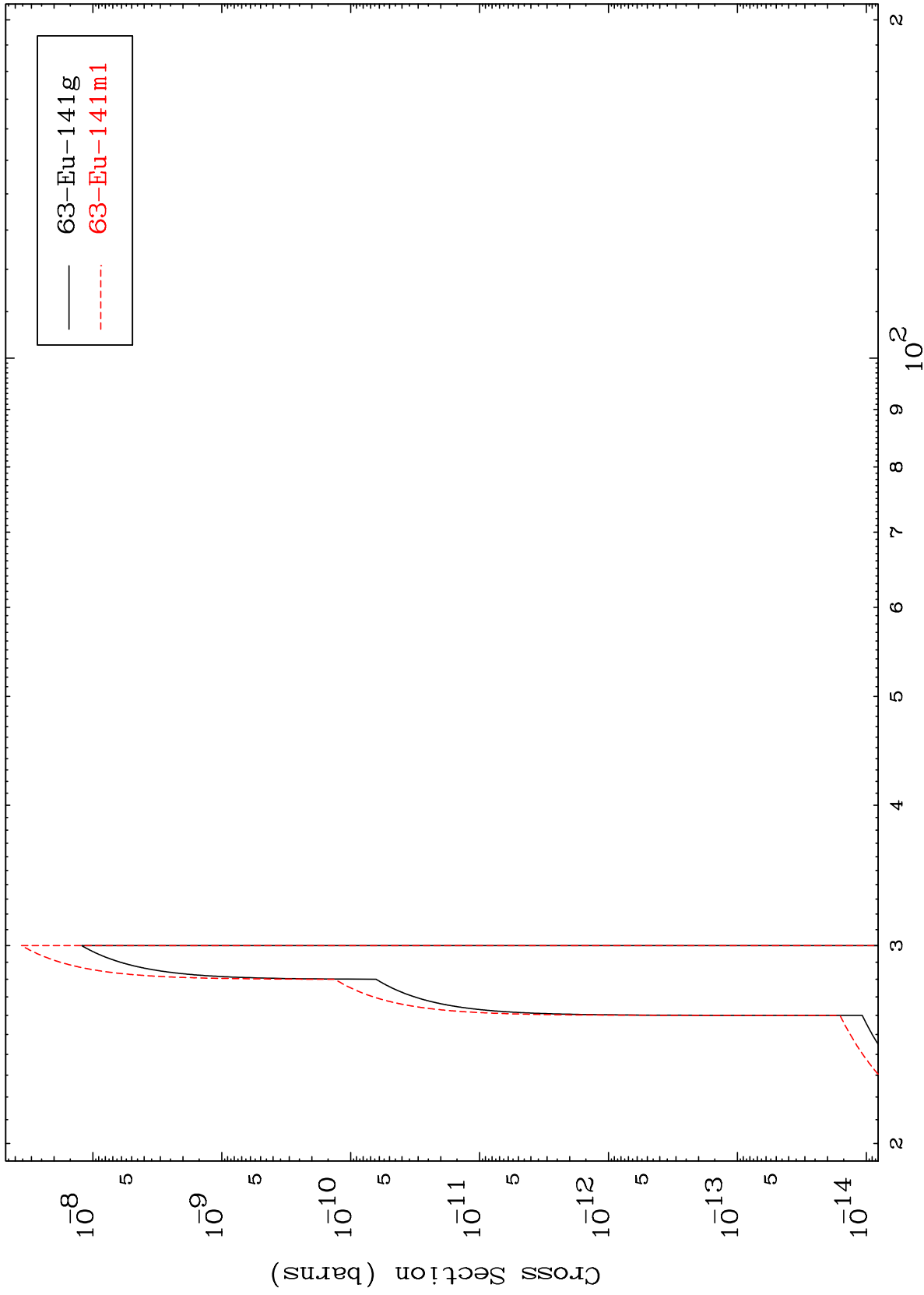
64-Gd-146

MAT 6407

(d,3n) α

64-Gd-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

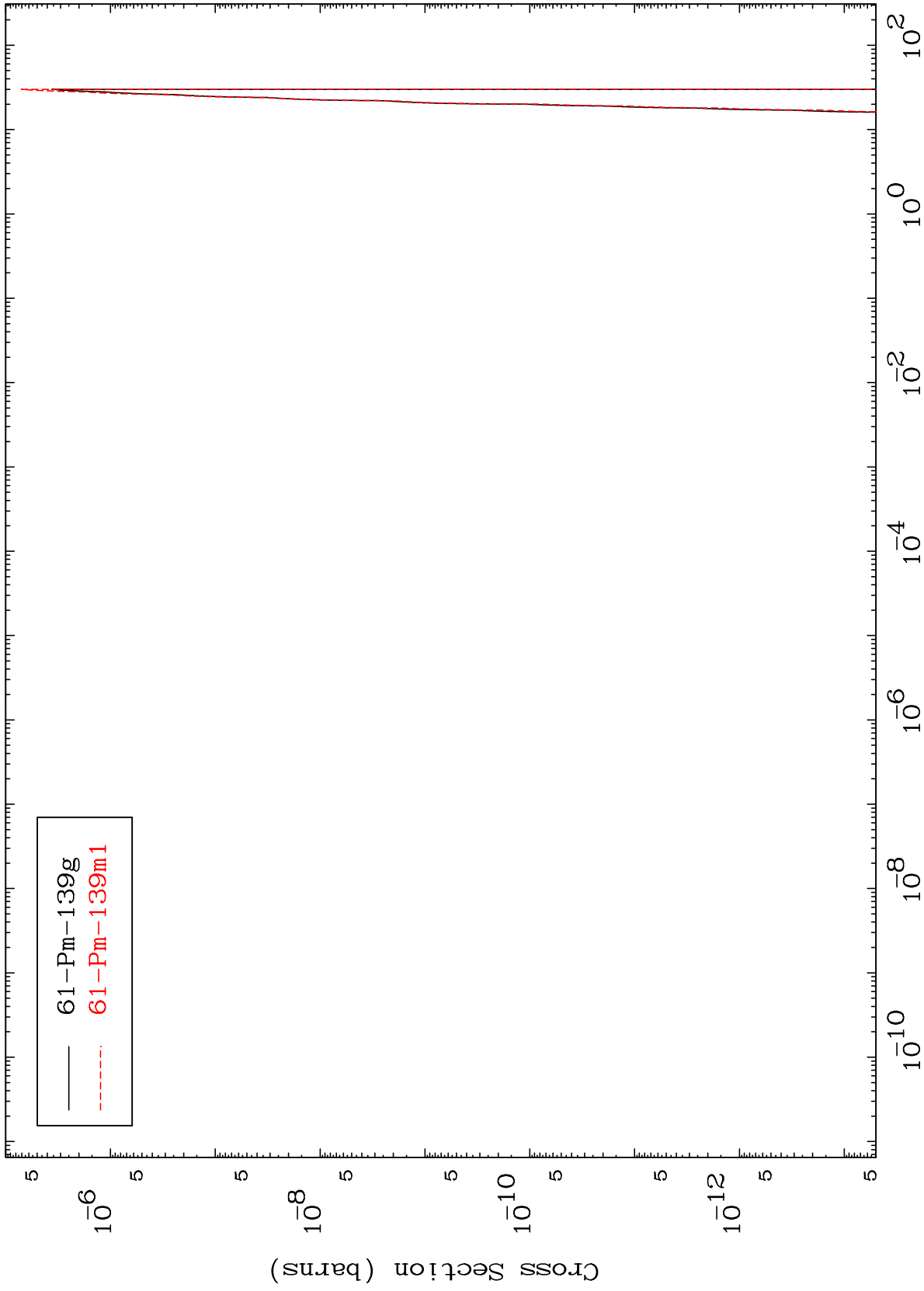
64-Gd-146

MAT 6407

(d,n') 2 α

64-Gd-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

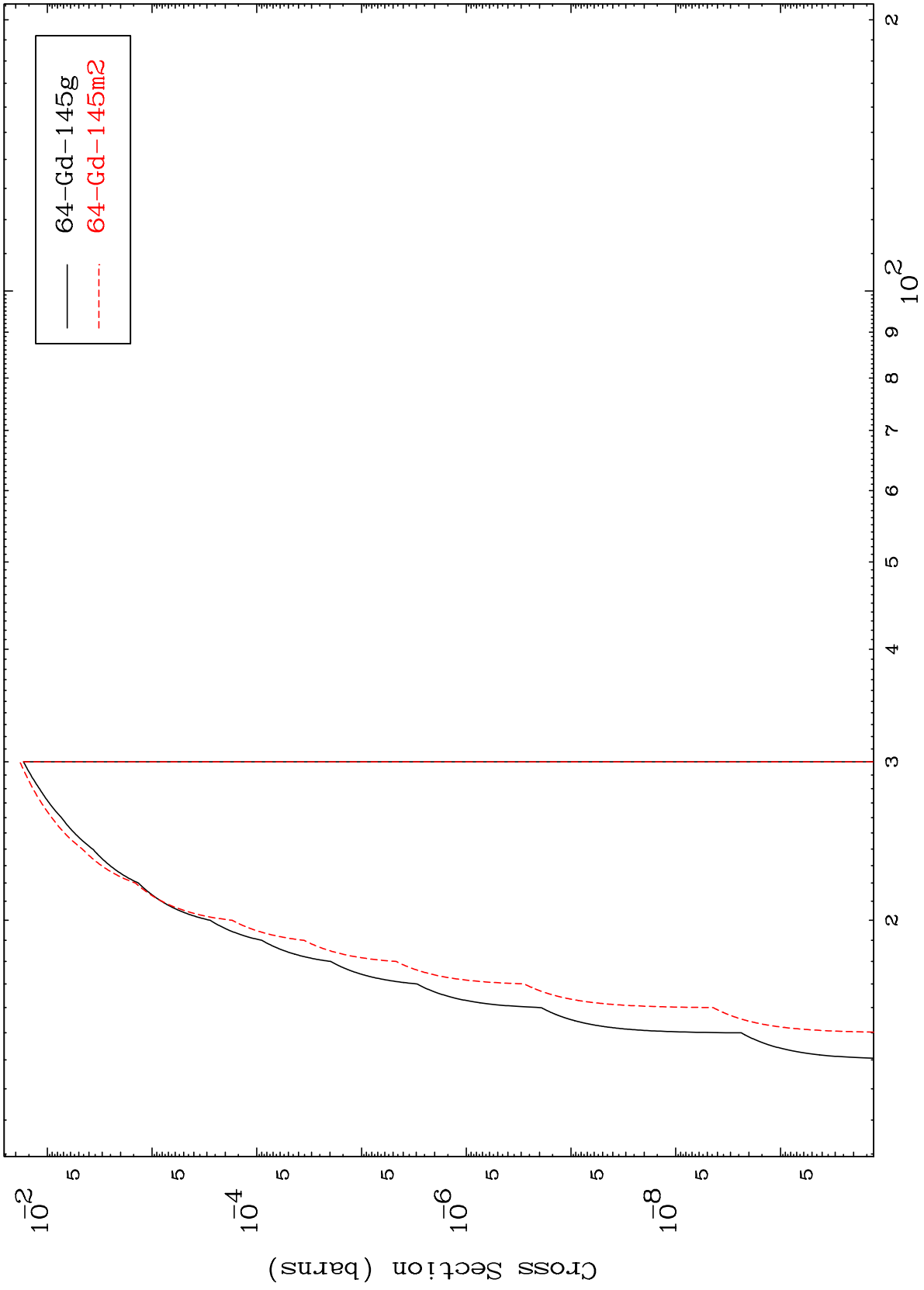
64-Gd-146

MAT 6407

(d,n') d

64-Gd-146

Radionuclide Production Cross Section



17

Incident Energy (MeV)

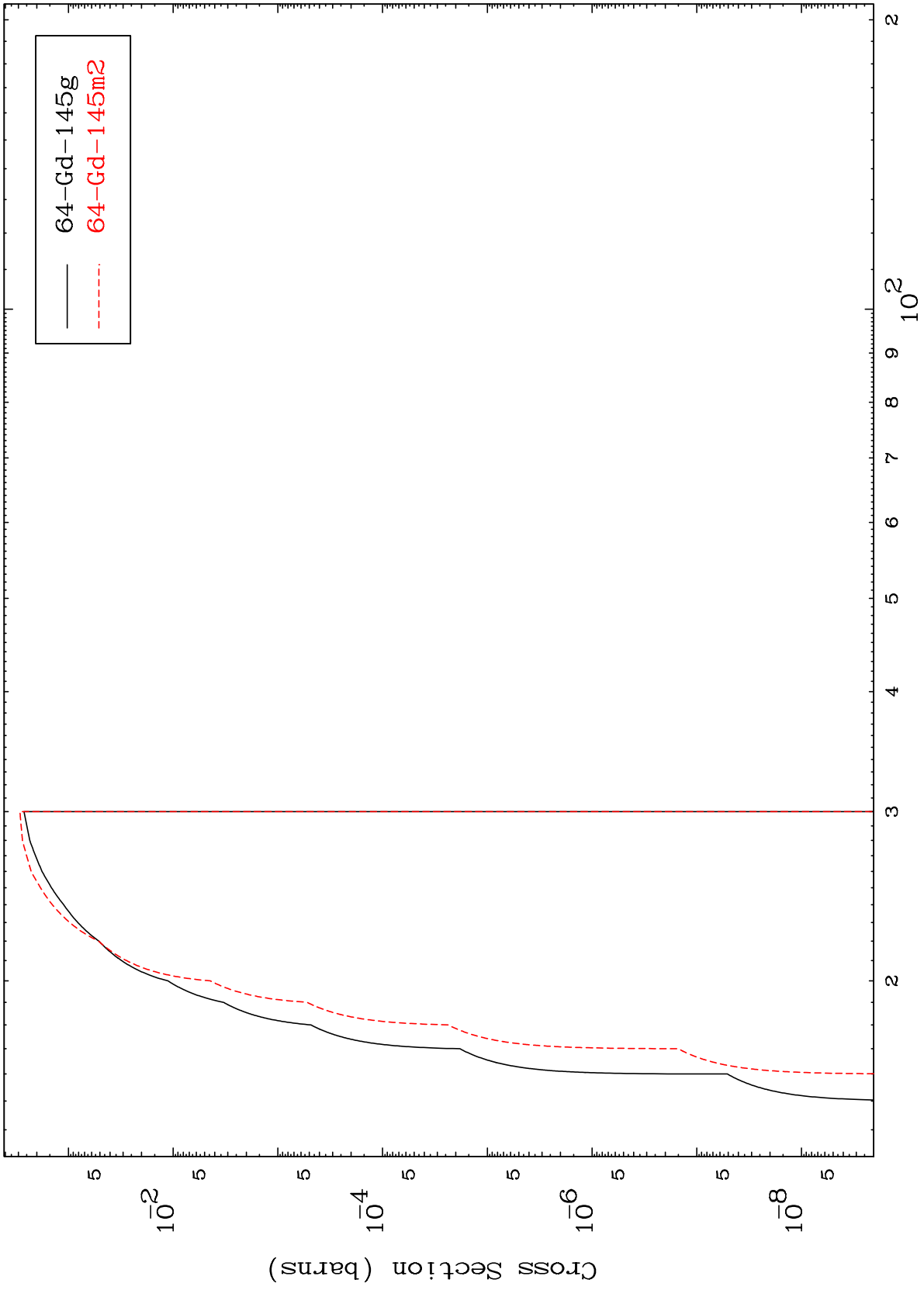
64-Gd-146

MAT 6407

(d,2n) p

64-Gd-146

Radionuclide Production Cross Section



18

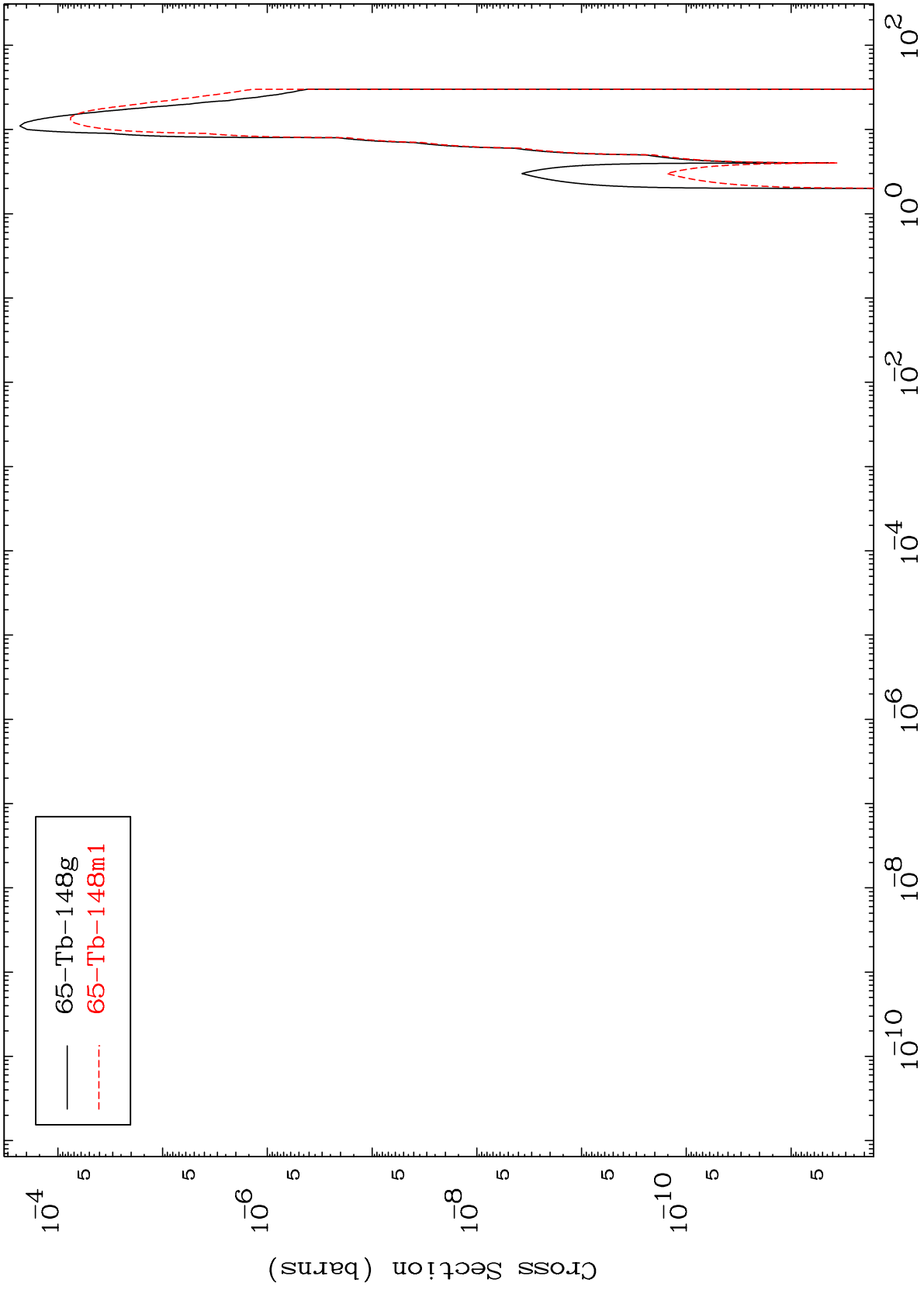
Incident Energy (MeV)

64-Gd-146

MAT 6407

Radionuclide Production Cross Section
(d, γ)

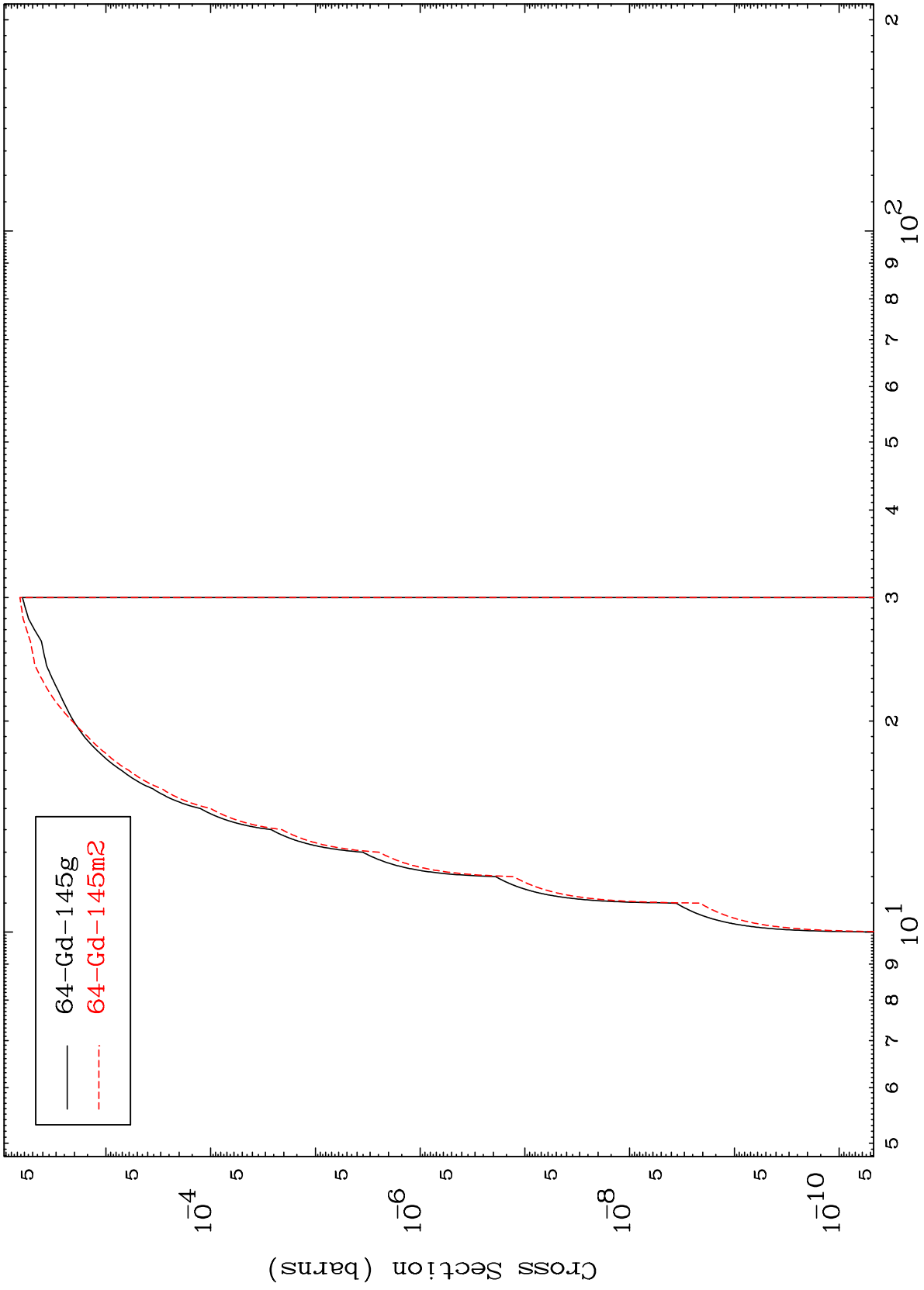
$^{64}\text{Gd}-146$



MAT 6407

Radionuclide Production Cross Section
(d, t)

64-Gd-146



20

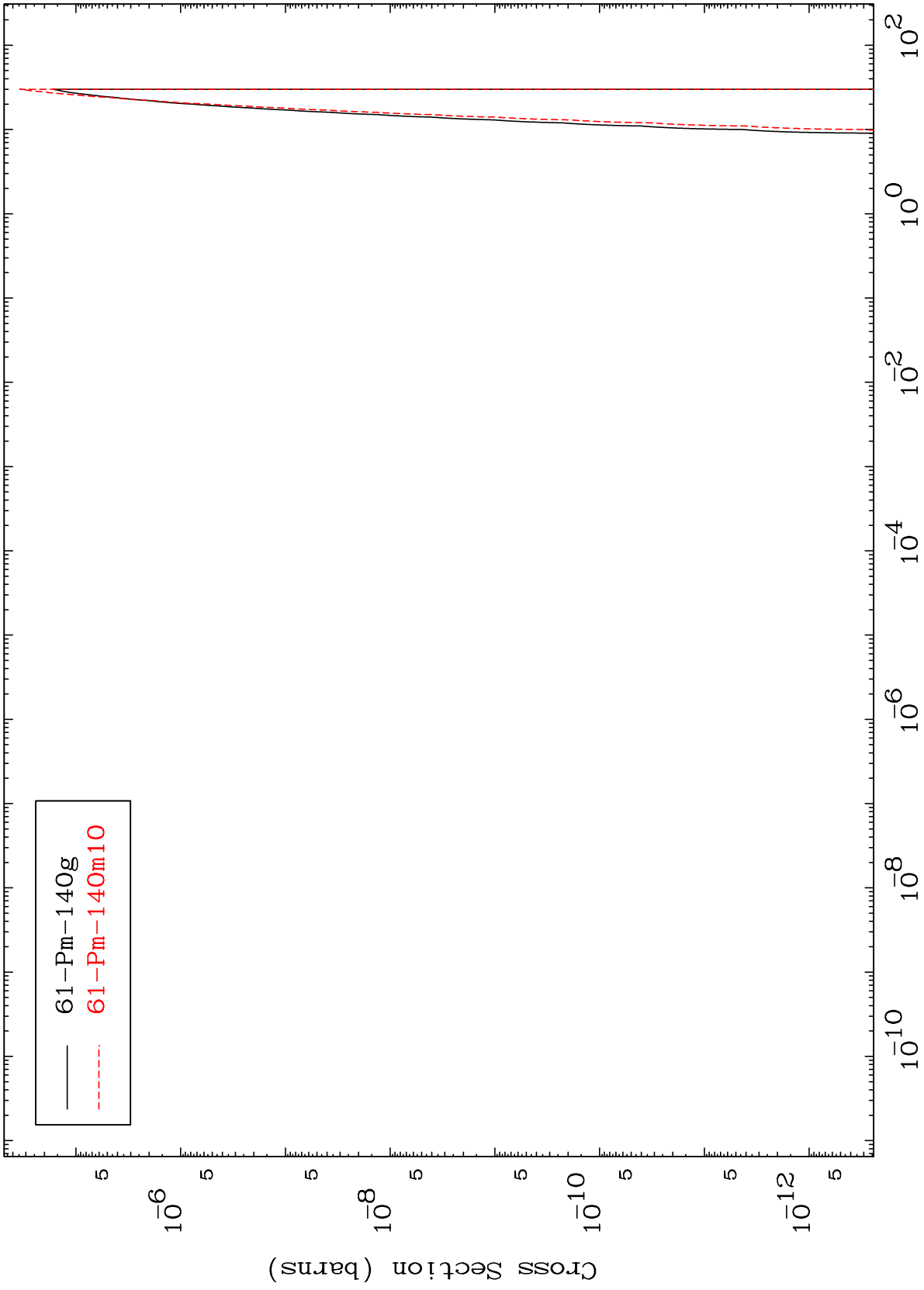
Incident Energy (MeV)

64-Gd-146

MAT 6407

Radionuclide Production Cross Section
(d,2α)

64-Gd-146



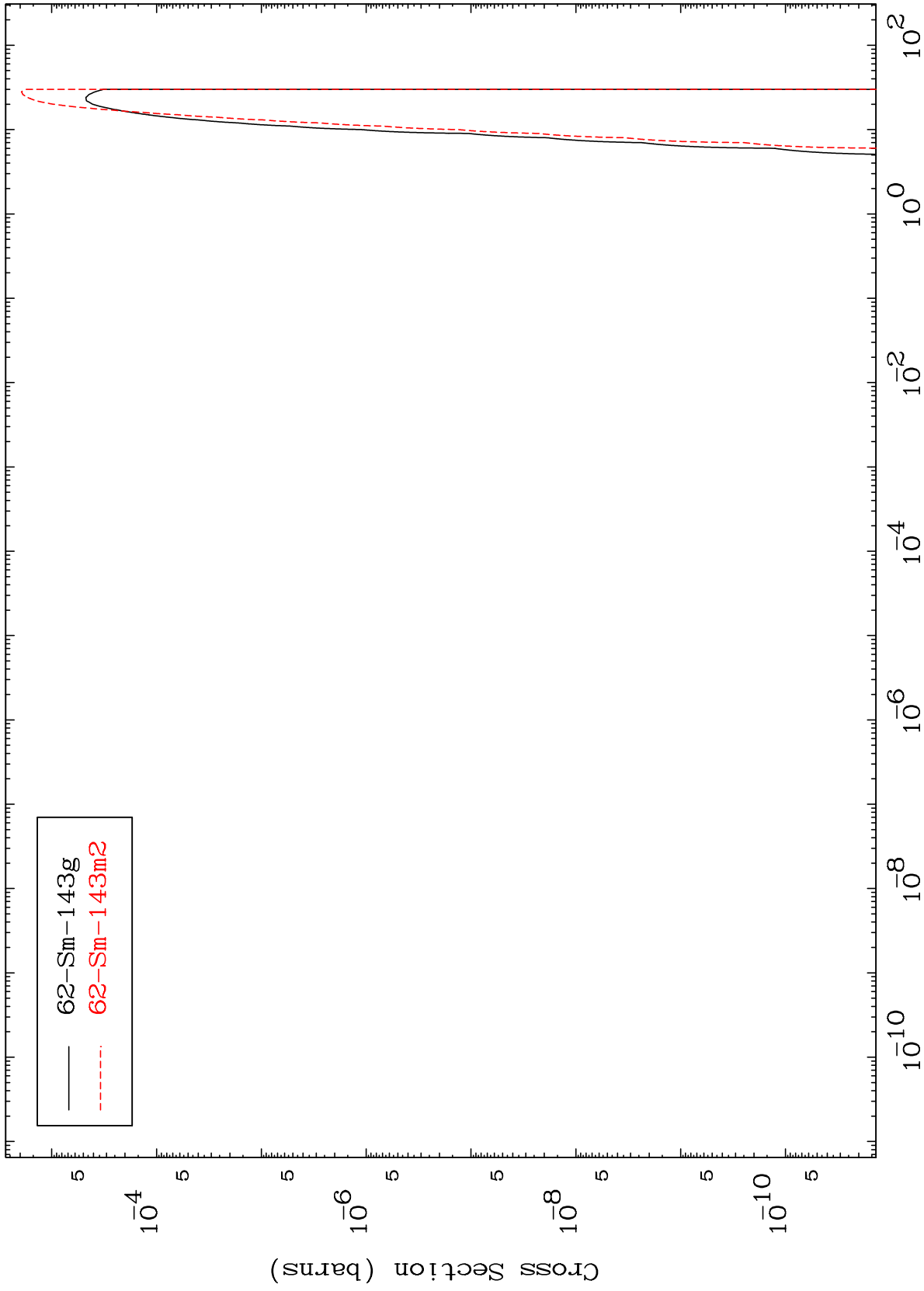
64-Gd-146

MAT 6407

(d,p) α

64-Gd-146

Radionuclide Production Cross Section



22

Incident Energy (MeV)

64-Gd-146