

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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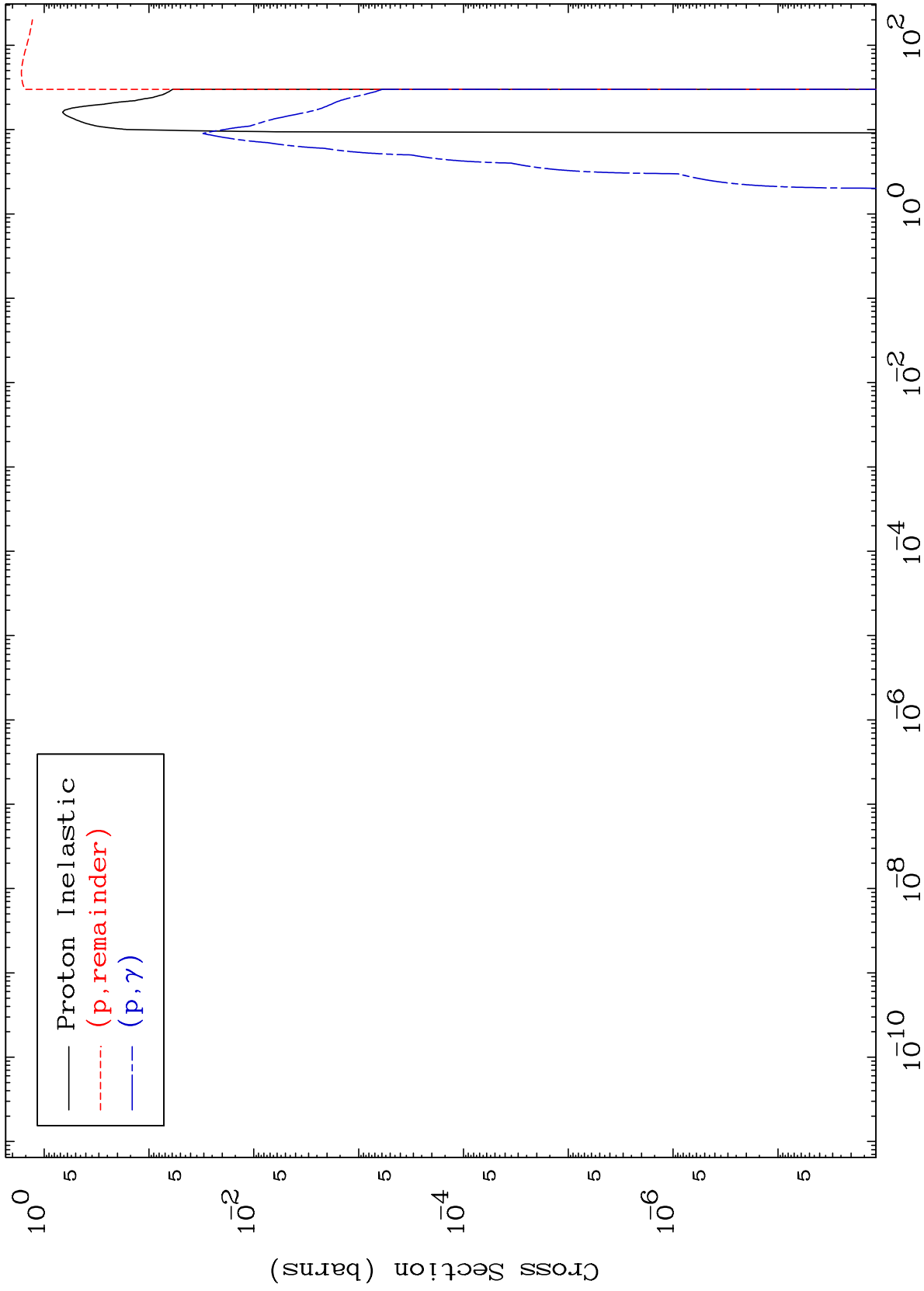
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6407

Proton Major  
0 Kelvin Cross Sections

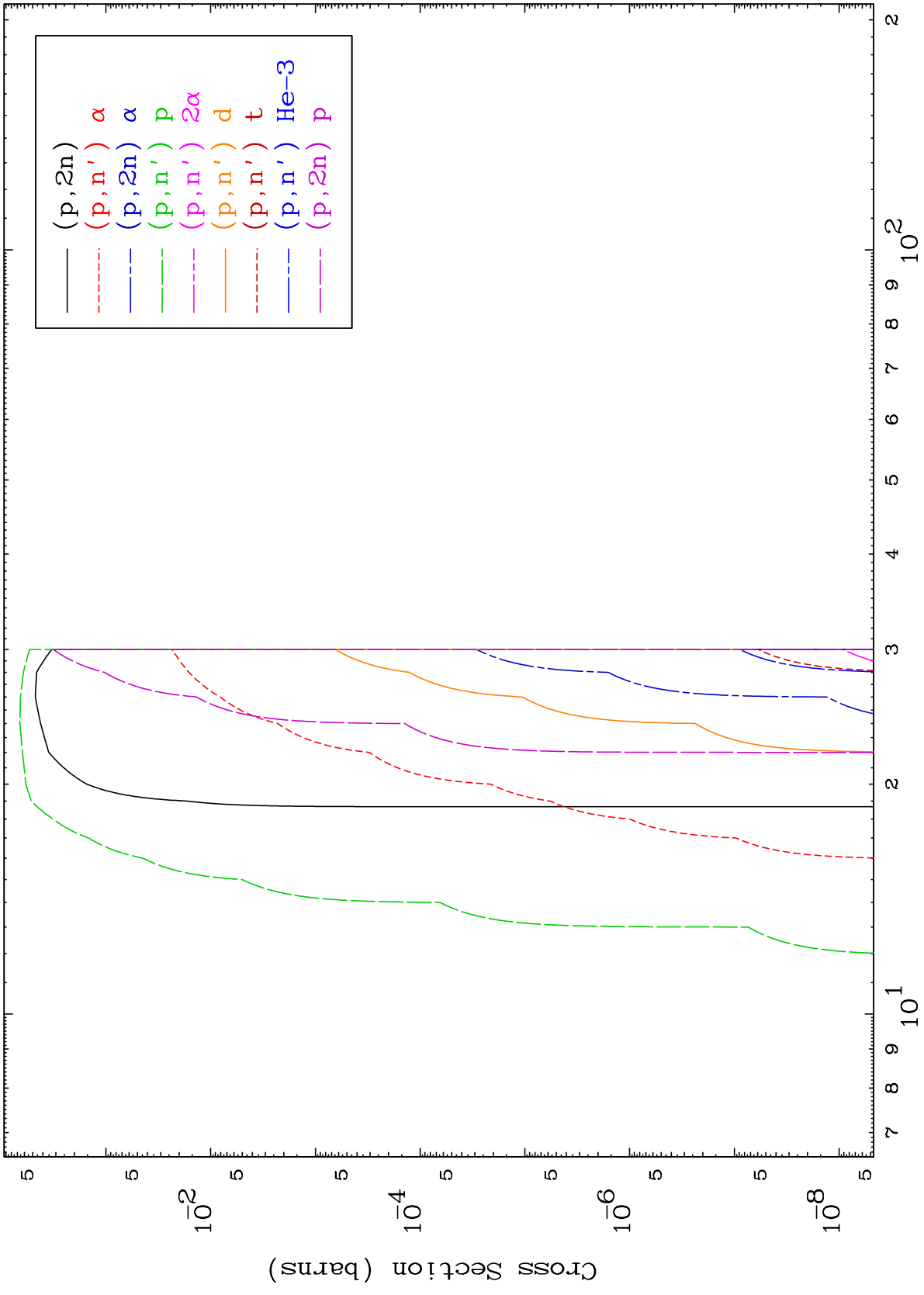
64-Gd-146



MAT 6407

Proton Neutron Production  
0 Kelvin Cross Sections

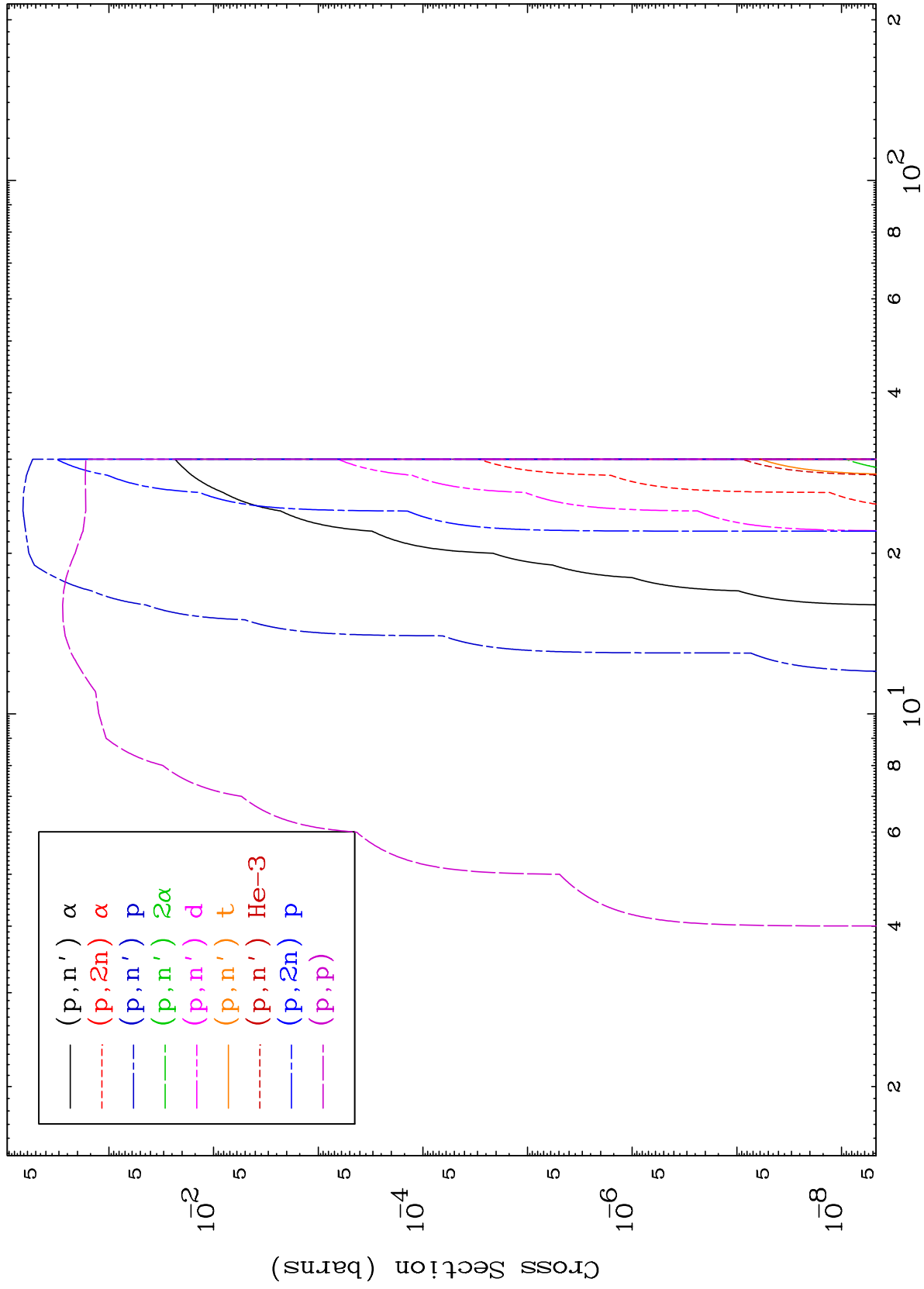
64-Gd-146



2

Incident Energy (MeV)

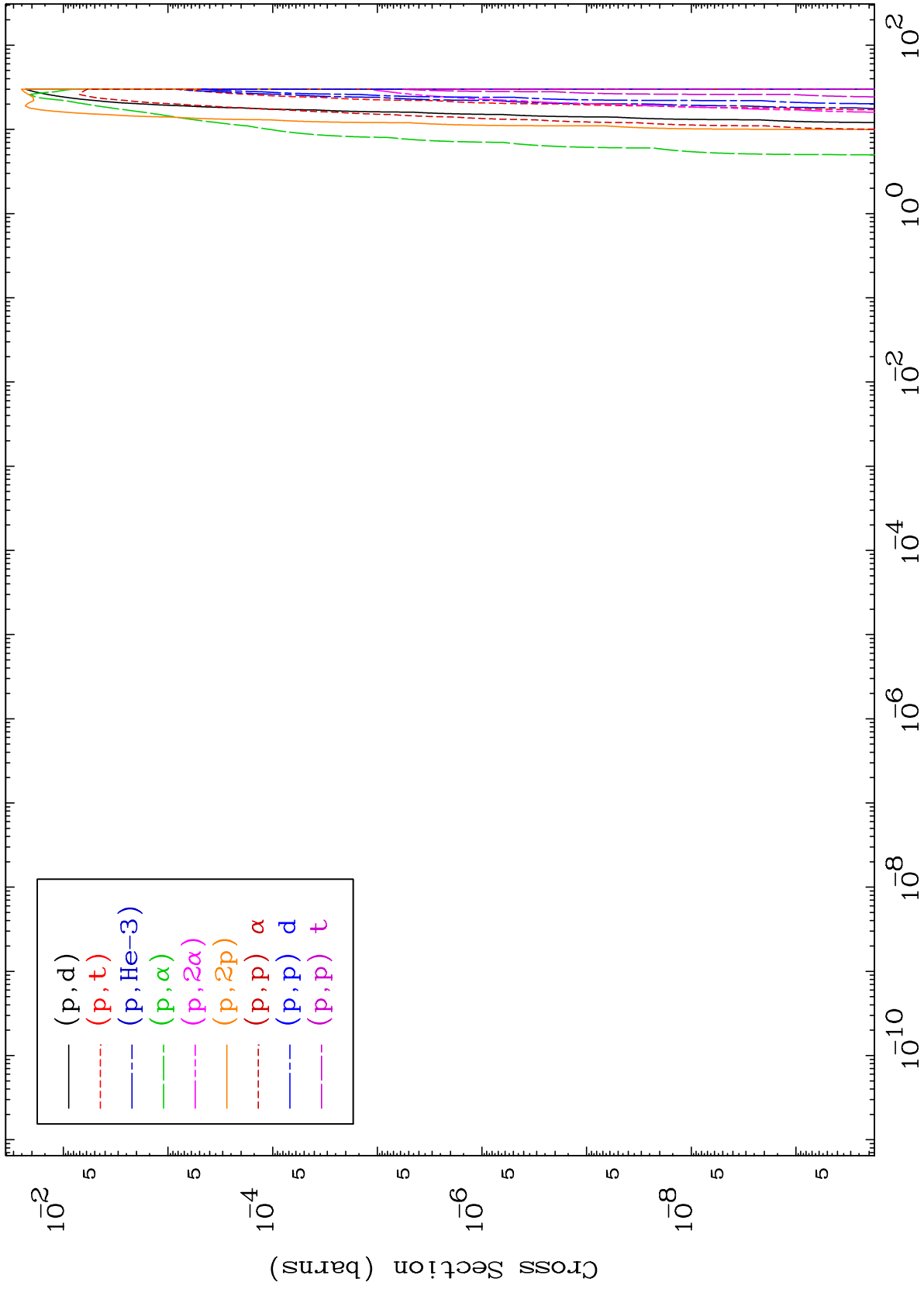
64-Gd-146



MAT 6407

Proton Charged Particle  
0 Kelvin Cross Sections

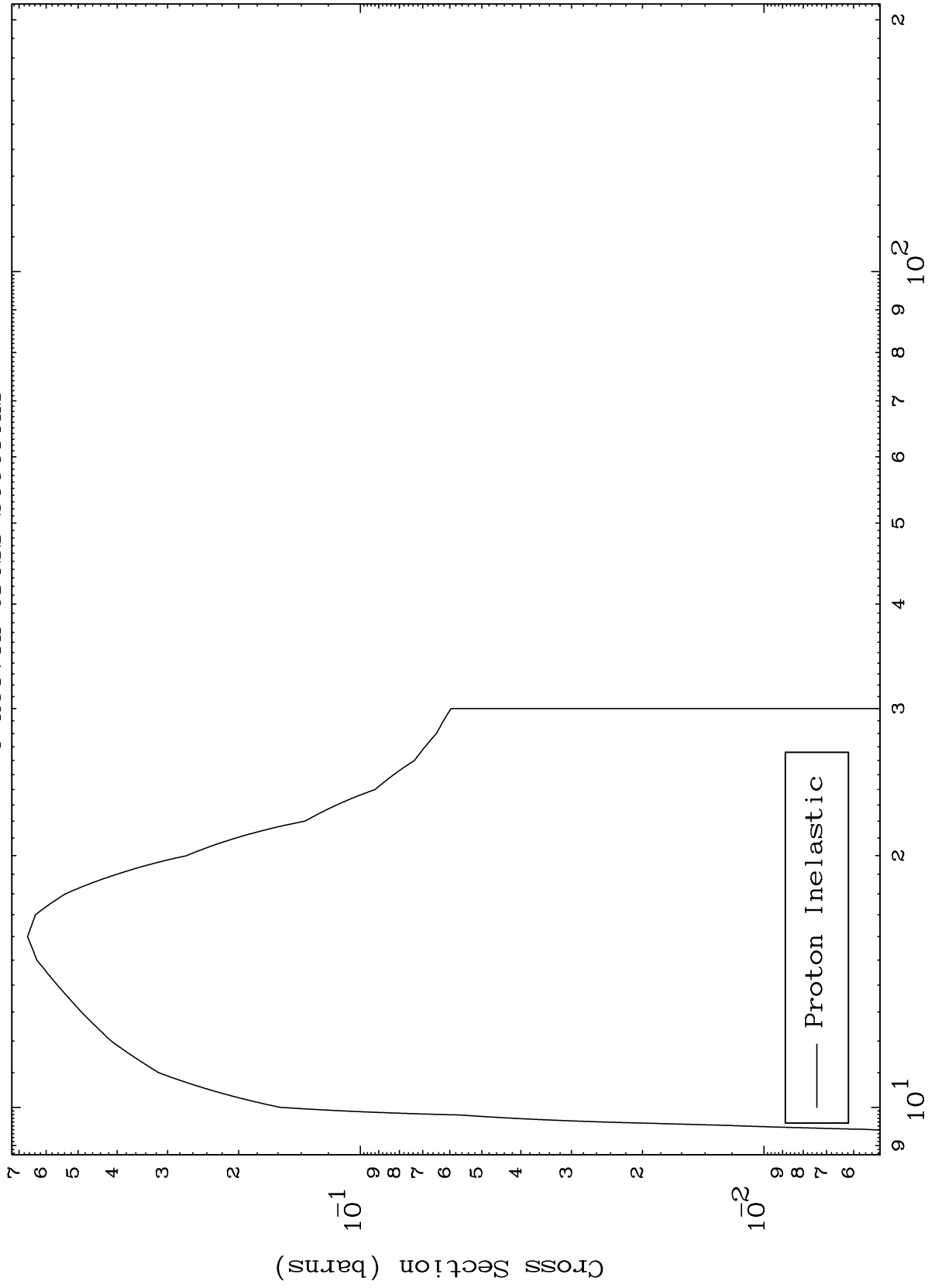
64-Gd-146



MAT 6407

(p,n') Level  
0 Kelvin Cross Sections

64-Gd-146



64-Gd-146

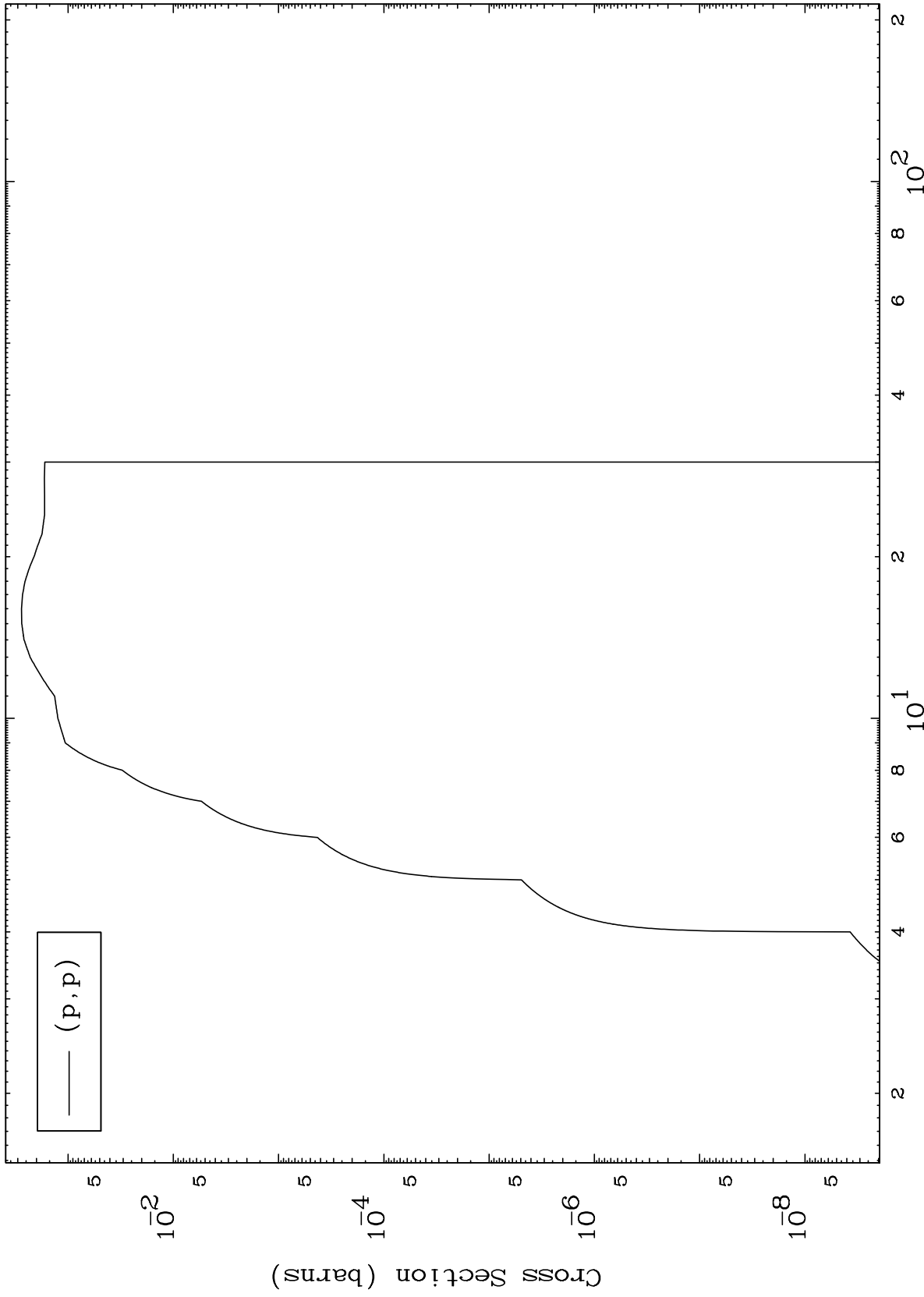
Incident Energy (MeV)

5

MAT 6407

(p,p) Levels  
0 Kelvin Cross Sections

64-Gd-146



6

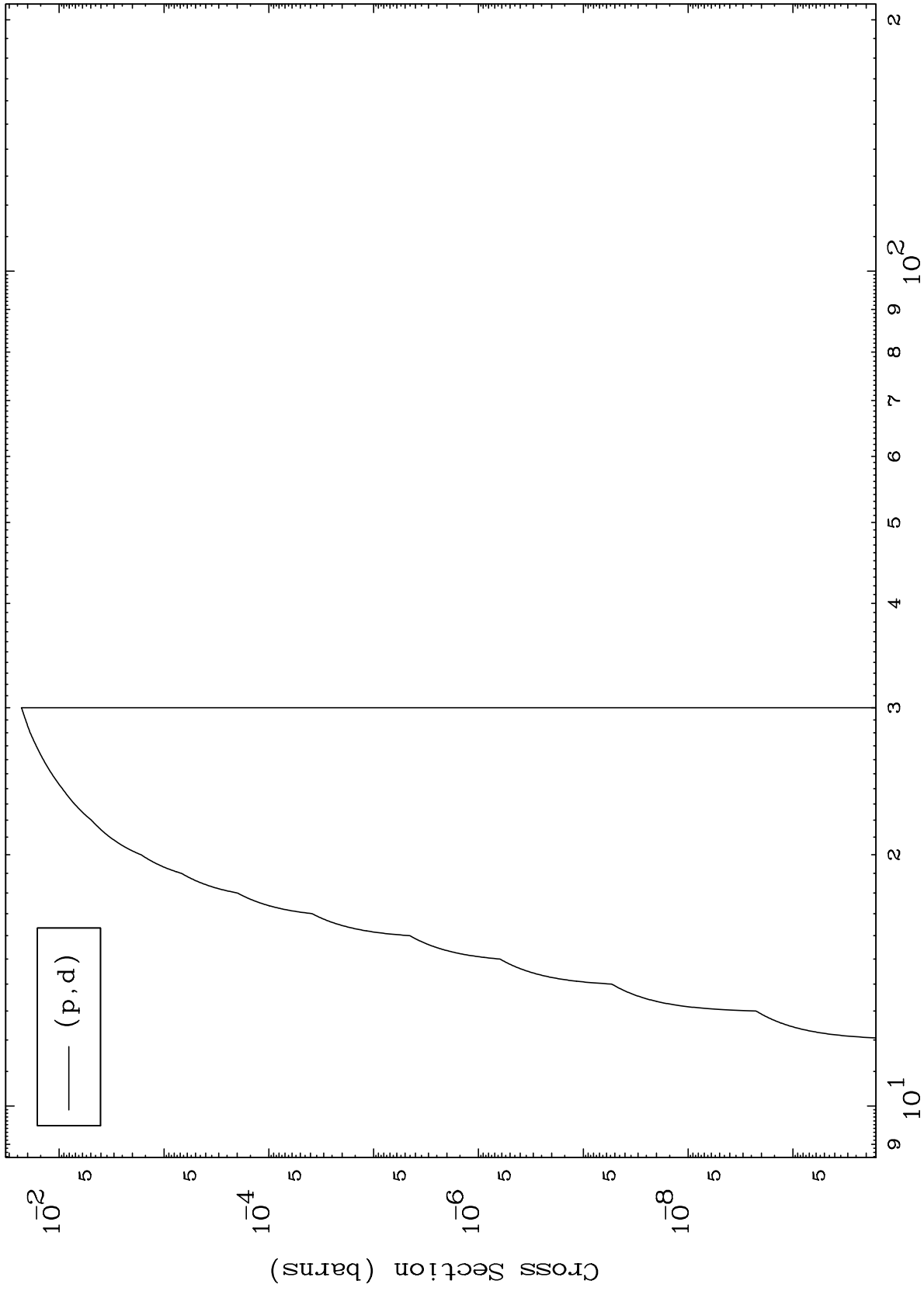
Incident Energy (MeV)

64-Gd-146

MAT 6407

(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-146



7

Incident Energy (MeV)

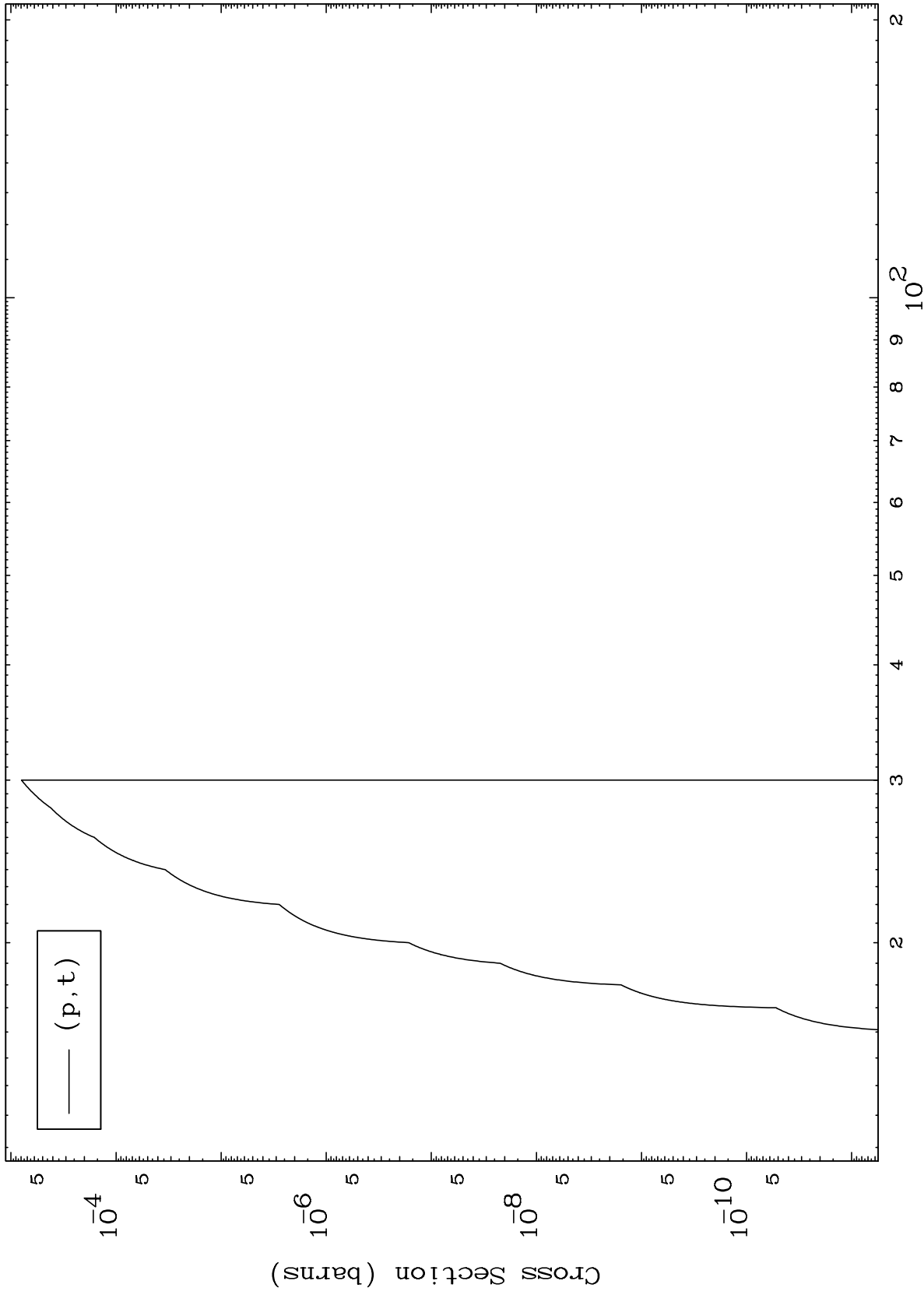
64-Gd-146



MAT 6407

(p,t) Levels  
0 Kelvin Cross Sections

64-Gd-146



8

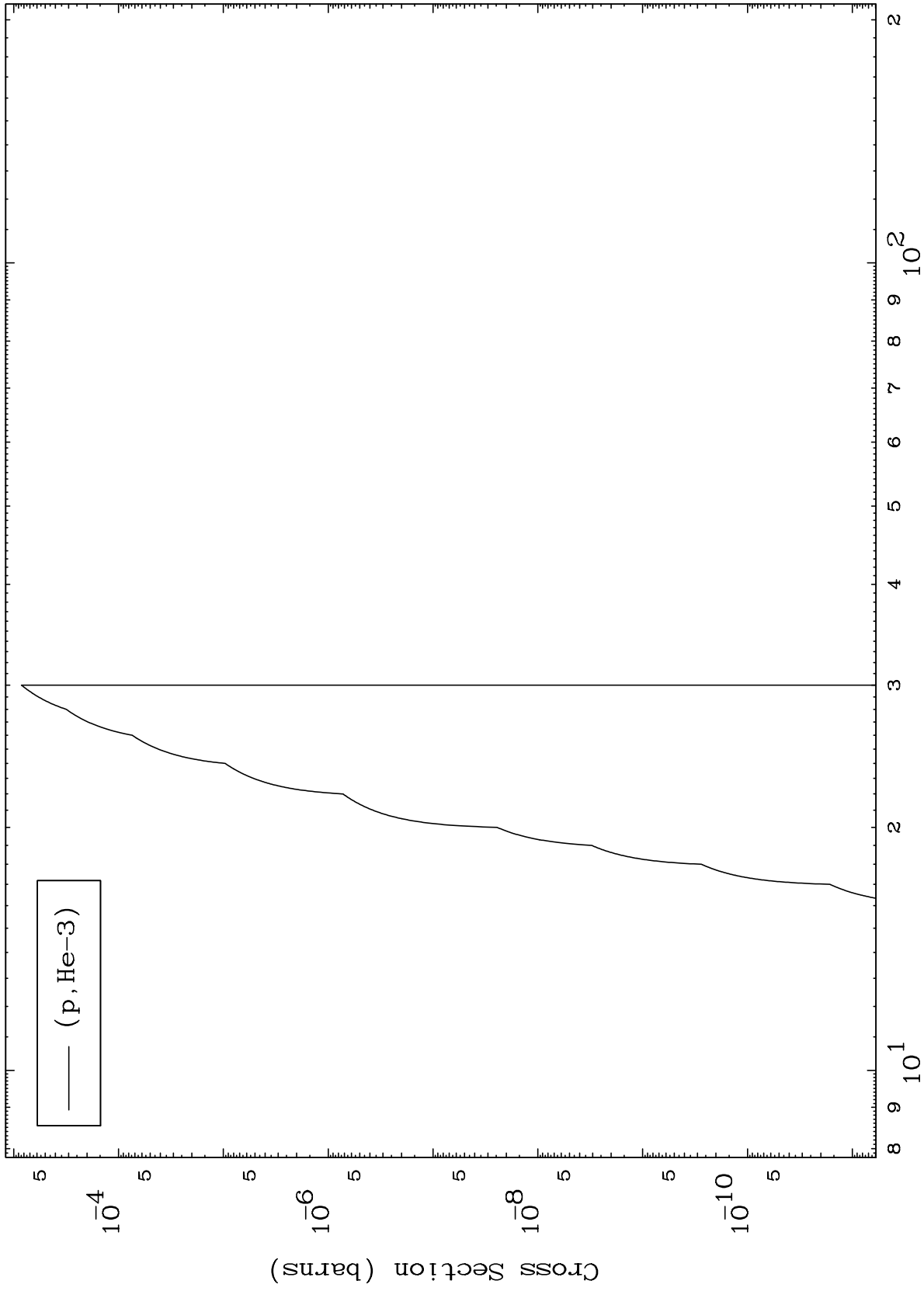
Incident Energy (MeV)

64-Gd-146

MAT 6407

(p,He3) Levels  
0 Kelvin Cross Sections

64-Gd-146



9

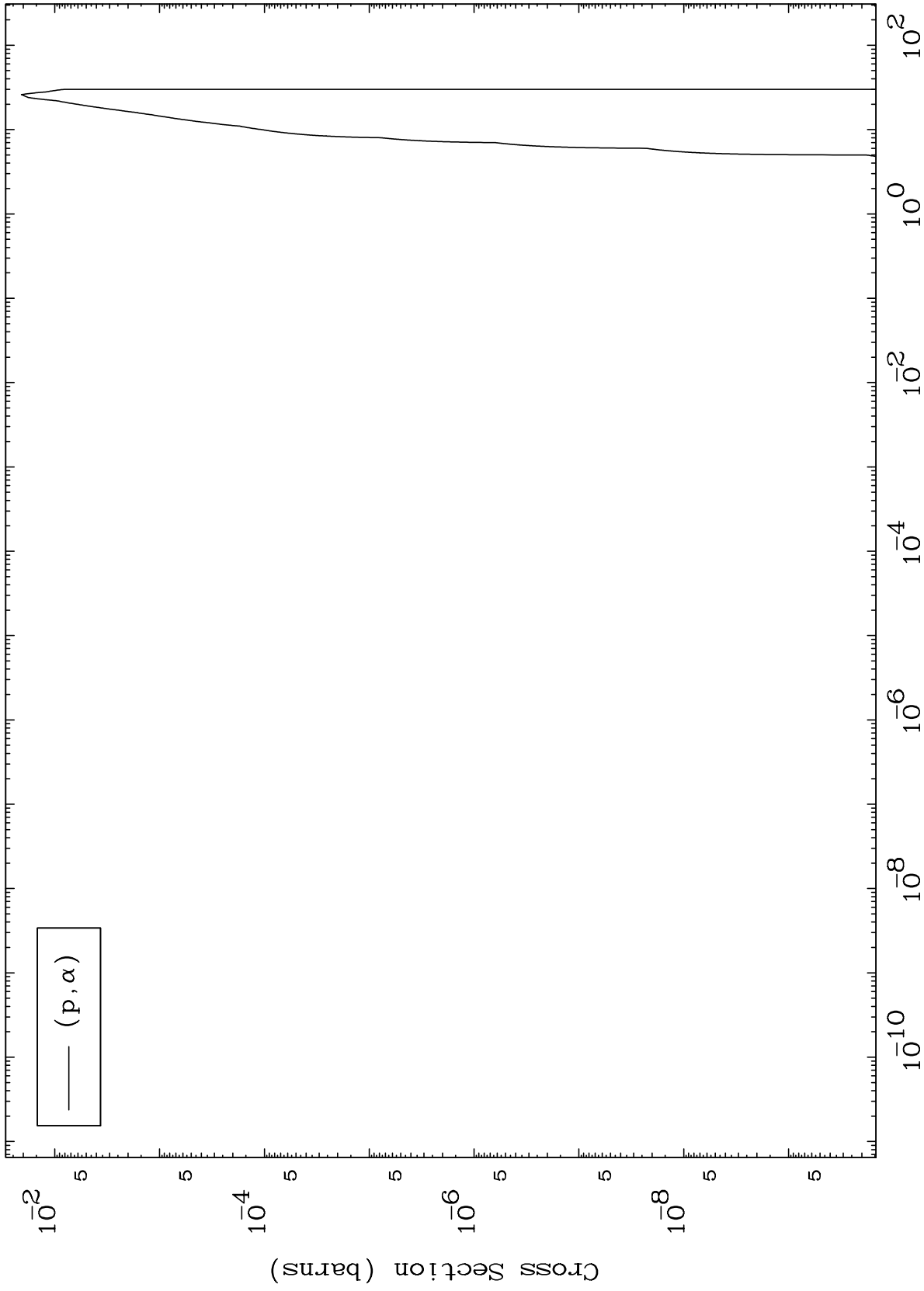
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



10

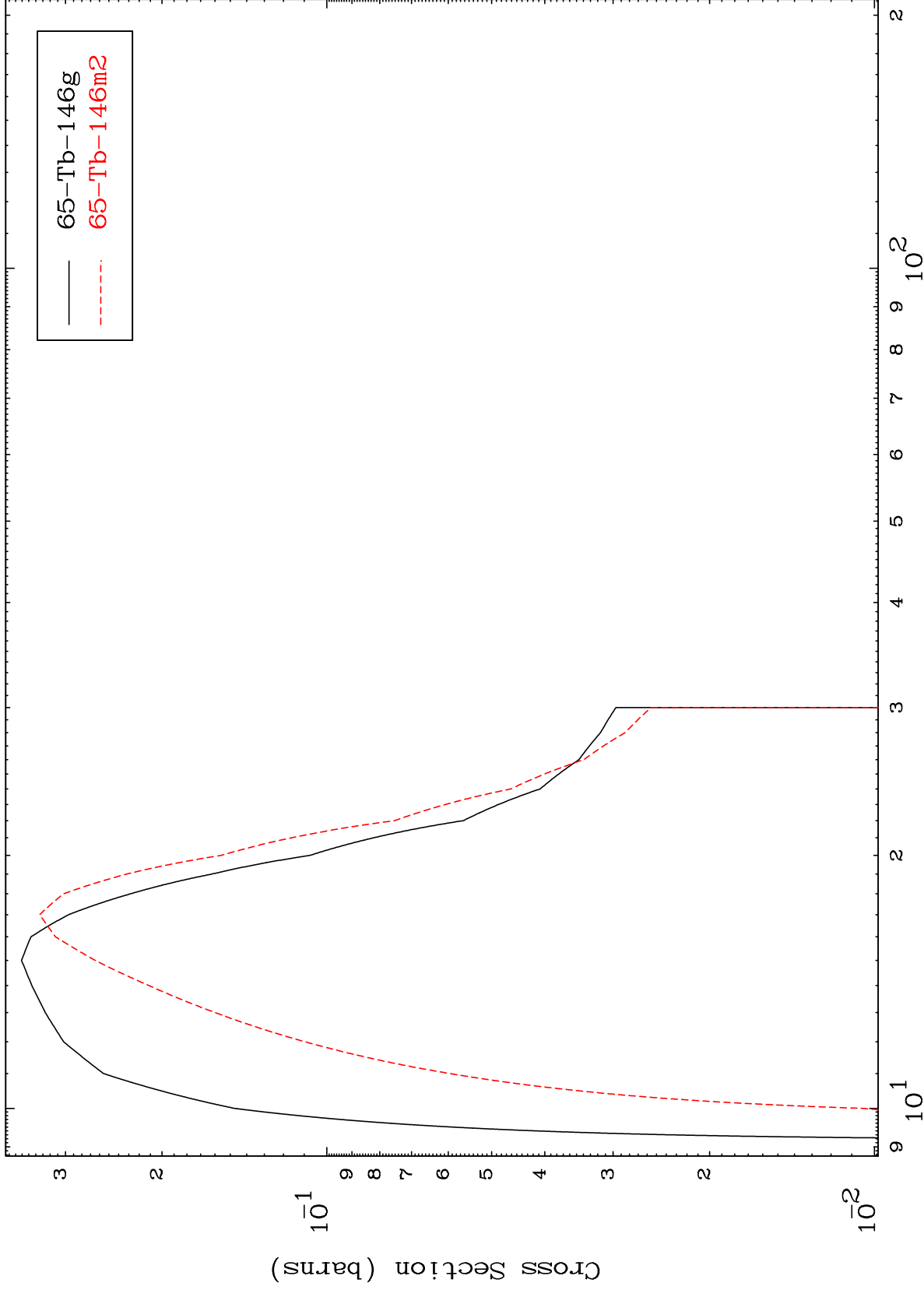
Incident Energy (MeV)

64-Gd-146

MAT 6407

Proton Inelastic  
Radionuclide Production Cross Section

64-Gd-146



11

Incident Energy (MeV)

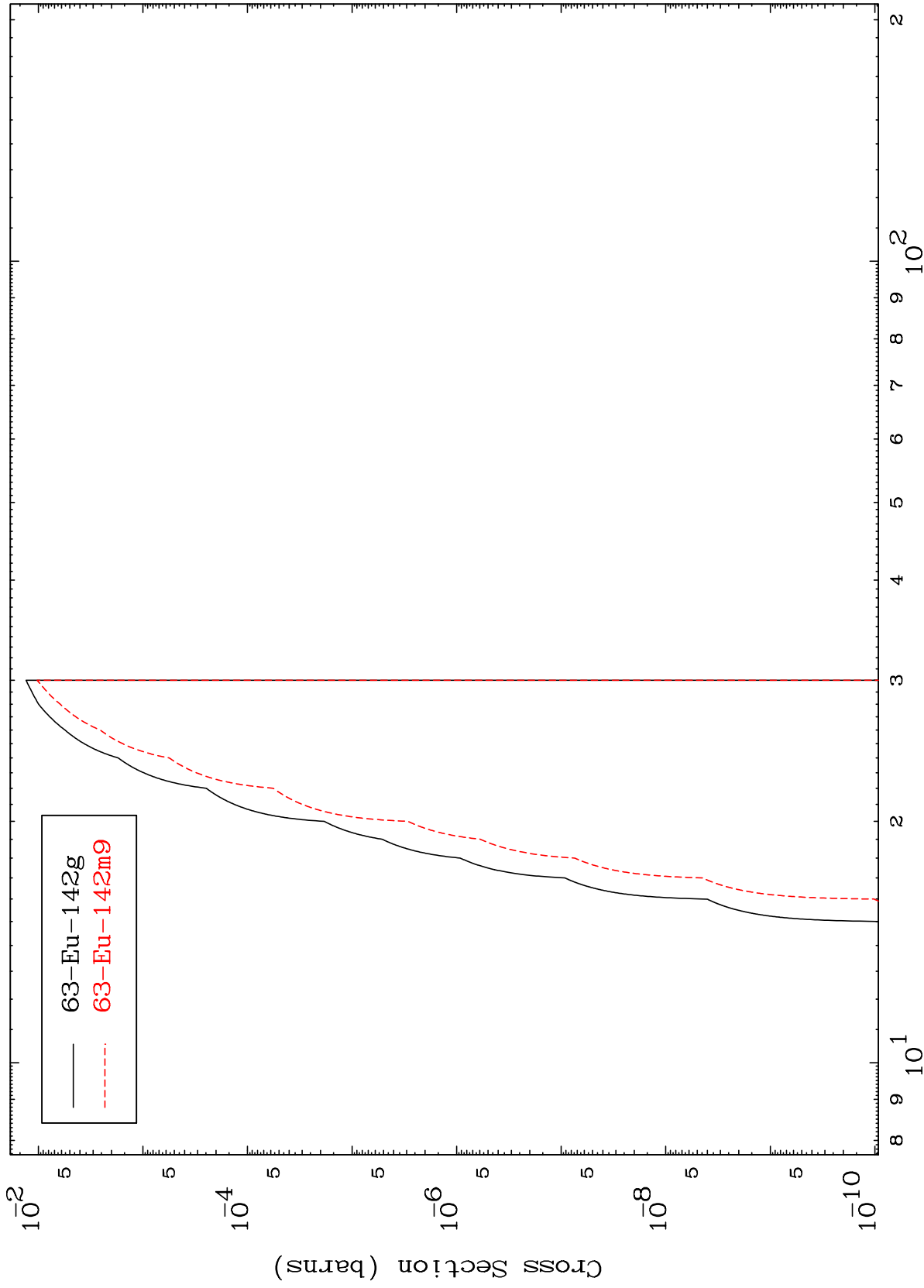
64-Gd-146

MAT 6407

(p,n')  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



12

Incident Energy (MeV)

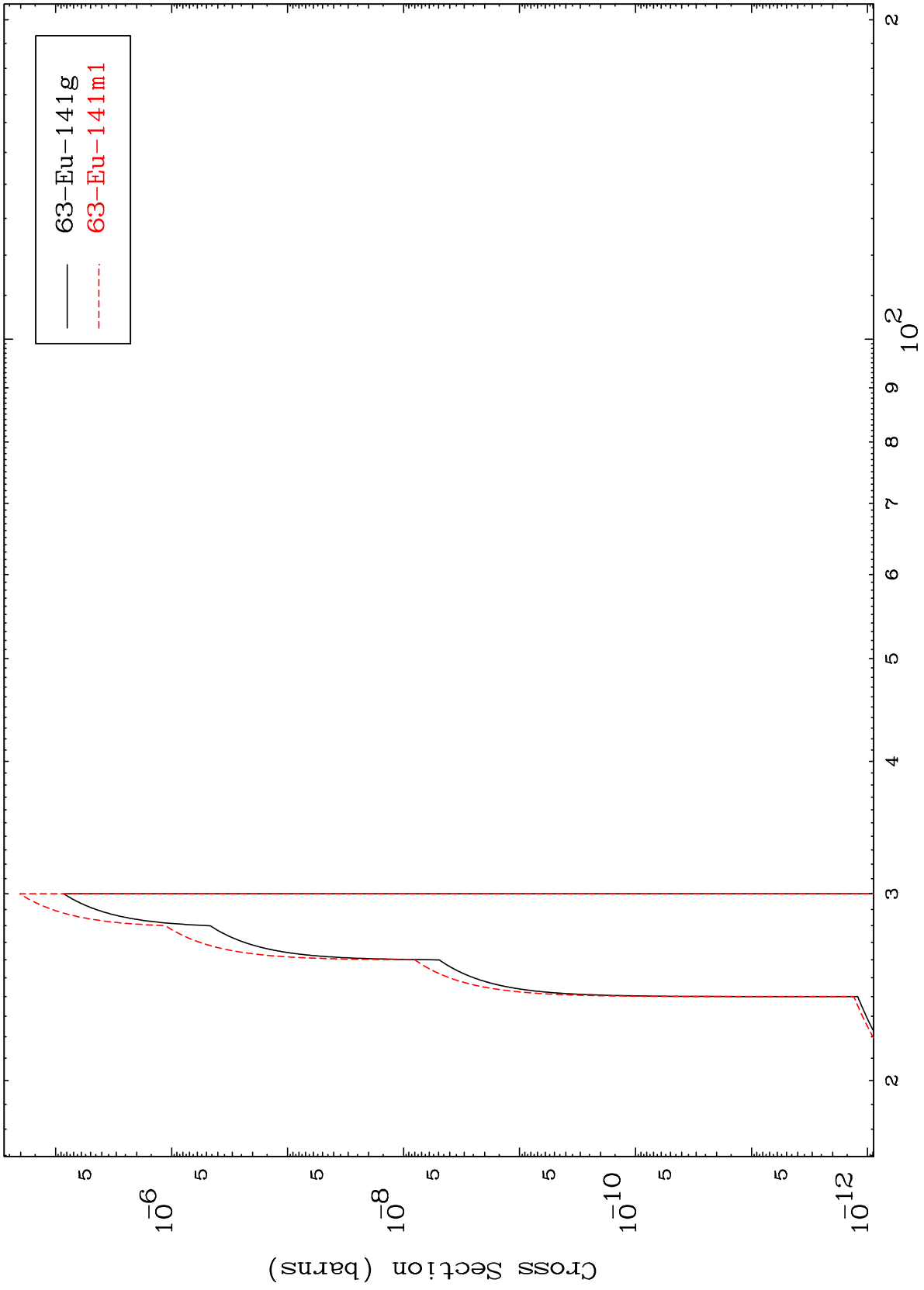
64-Gd-146

MAT 6407

(p,2n)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

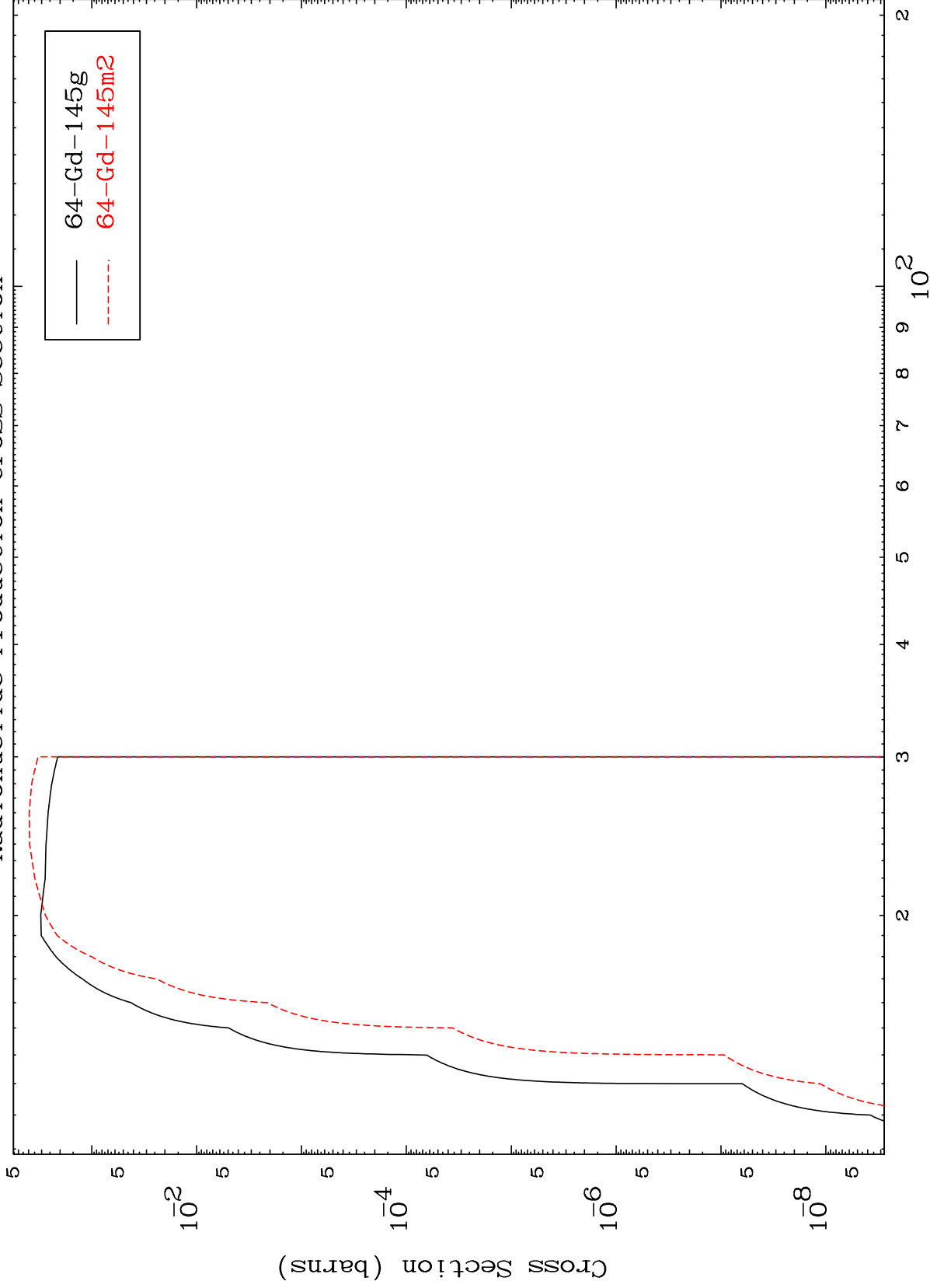
64-Gd-146

MAT 6407

(p,n') p

64-Gd-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

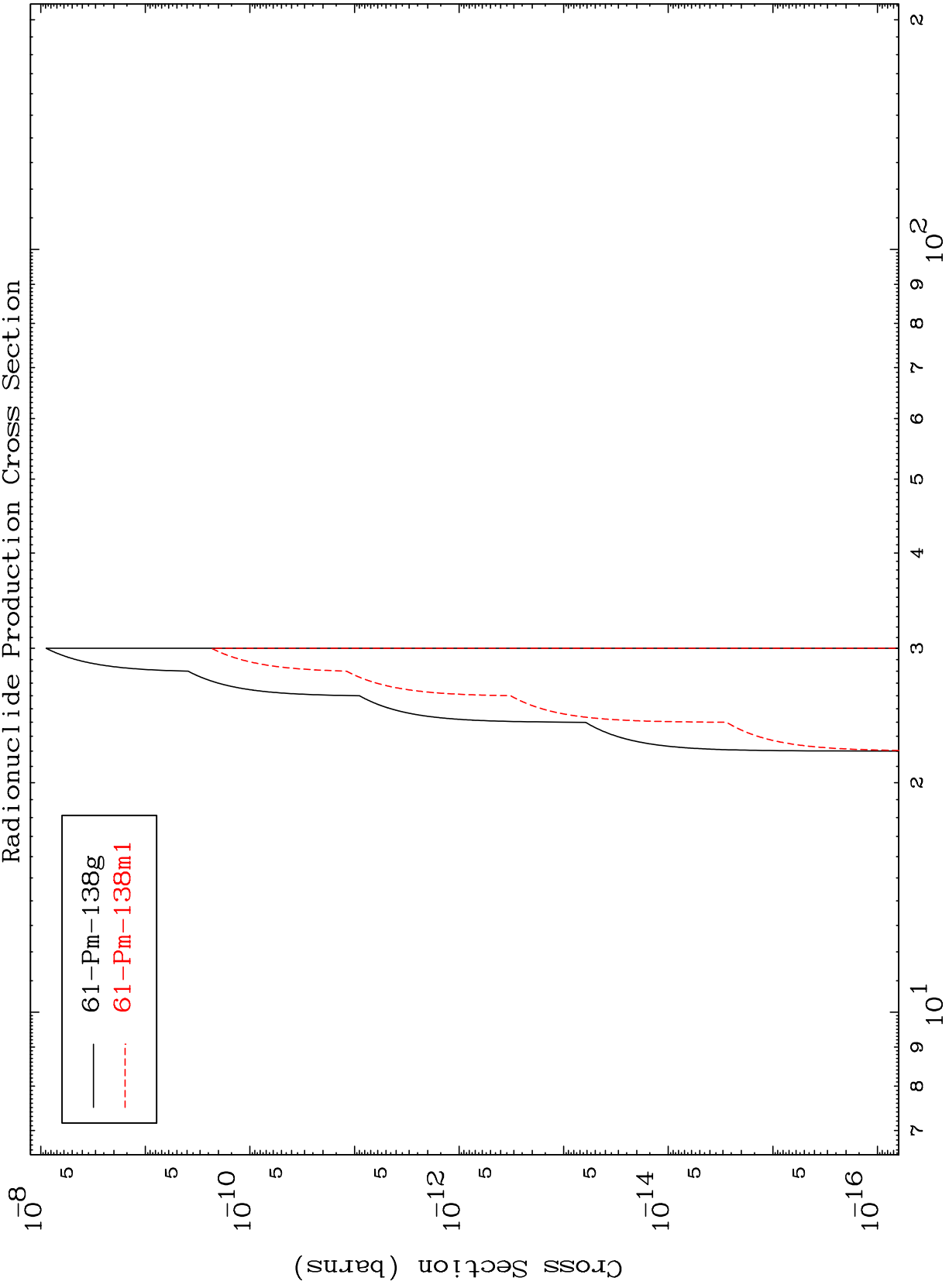
64-Gd-146

MAT 6407

(p,n') 2 $\alpha$

64-Gd-146

Radionuclide Production Cross Section



61-Pm-138g  
61-Pm-138m1

15

Incident Energy (MeV)

64-Gd-146

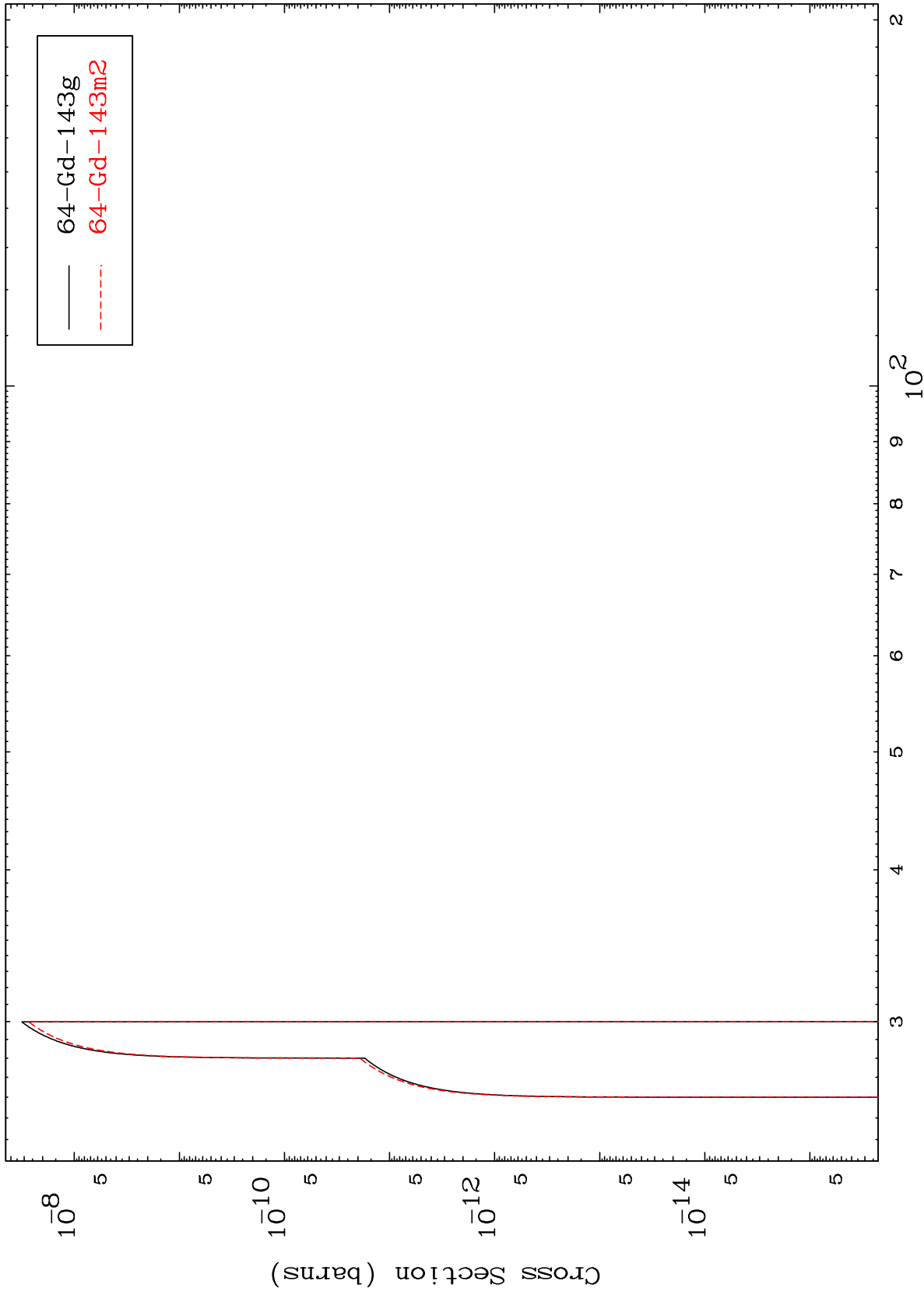


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(p,n') t

64-Gd-146

Radionuclide Production Cross Section



16

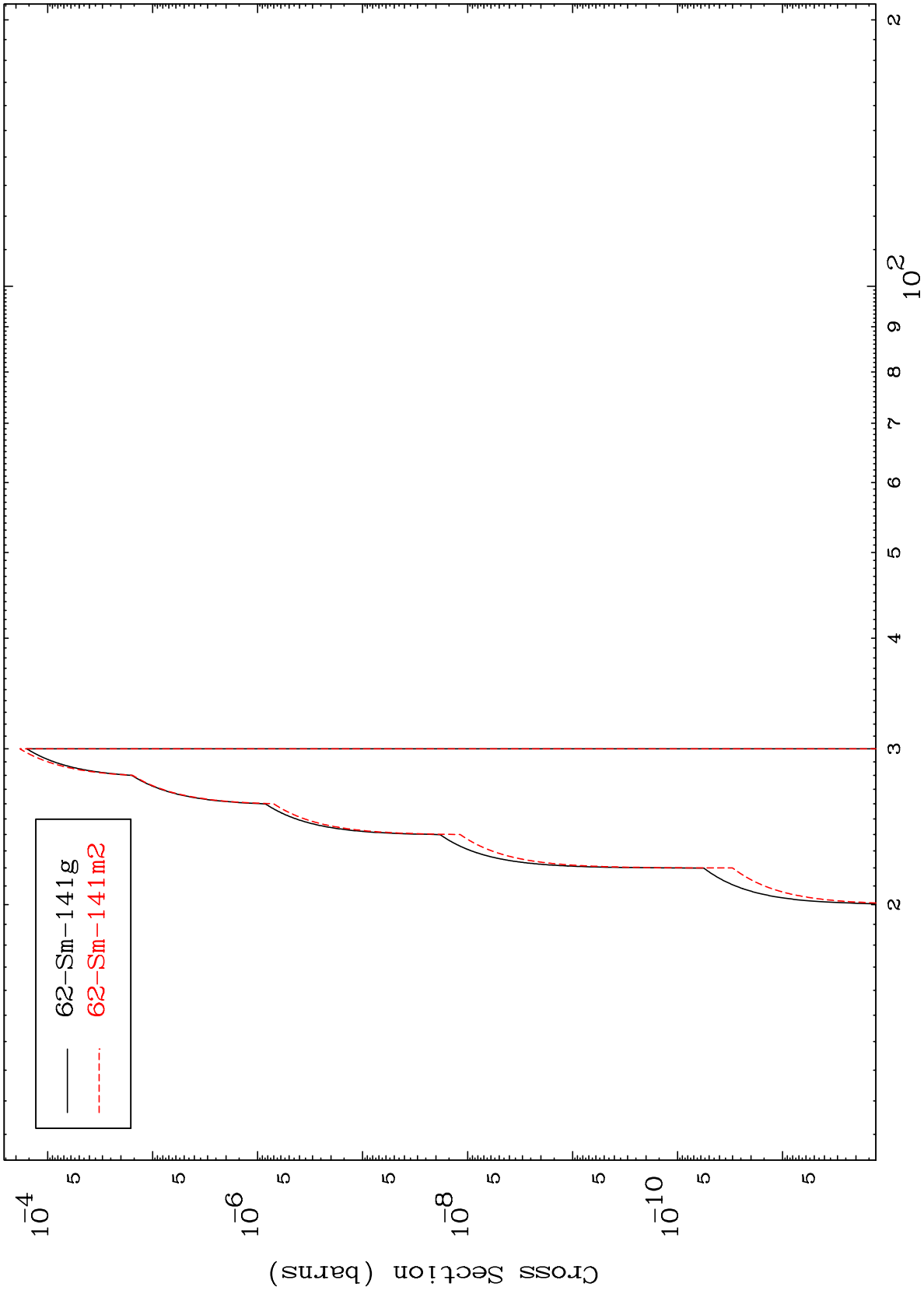
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

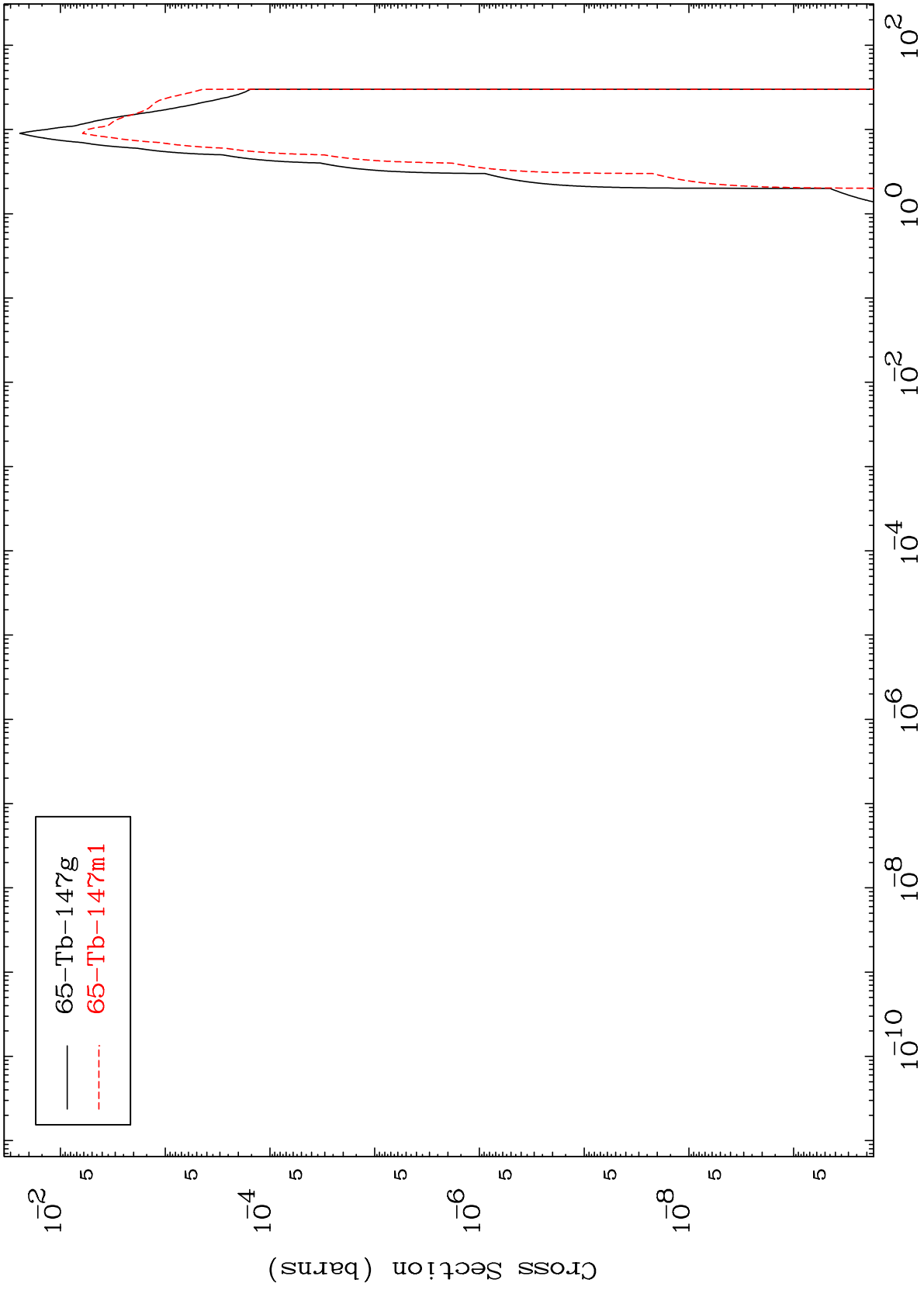
(p,n') p  $\alpha$   
Radionuclide Production Cross Section



MAT 6407

Radionuclide Production Cross Section  
(p,γ)

64-Gd-146



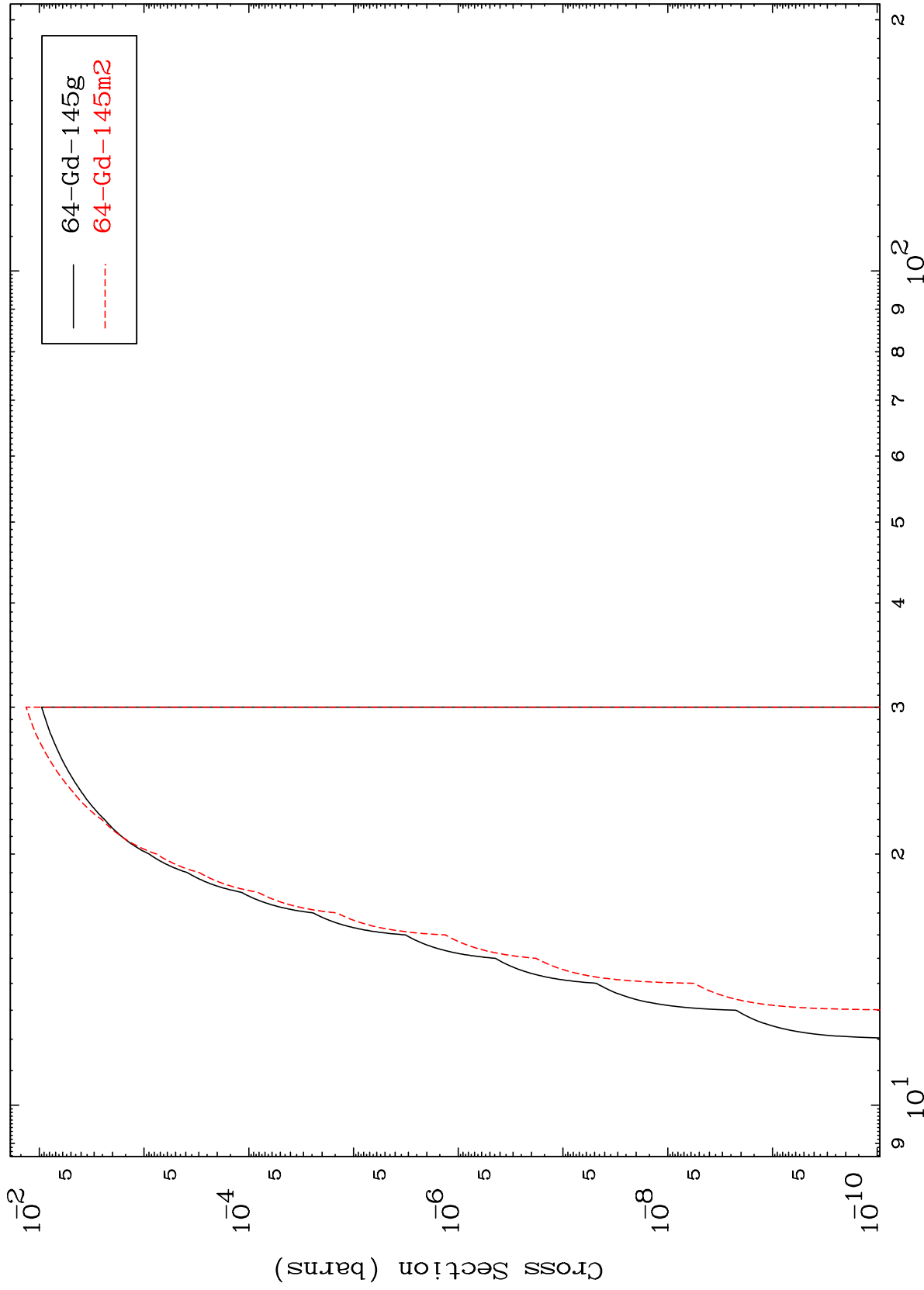
64-Gd-146

MAT 6407

(p,d)

64-Gd-146

Radionuclide Production Cross Section



19

Incident Energy (MeV)

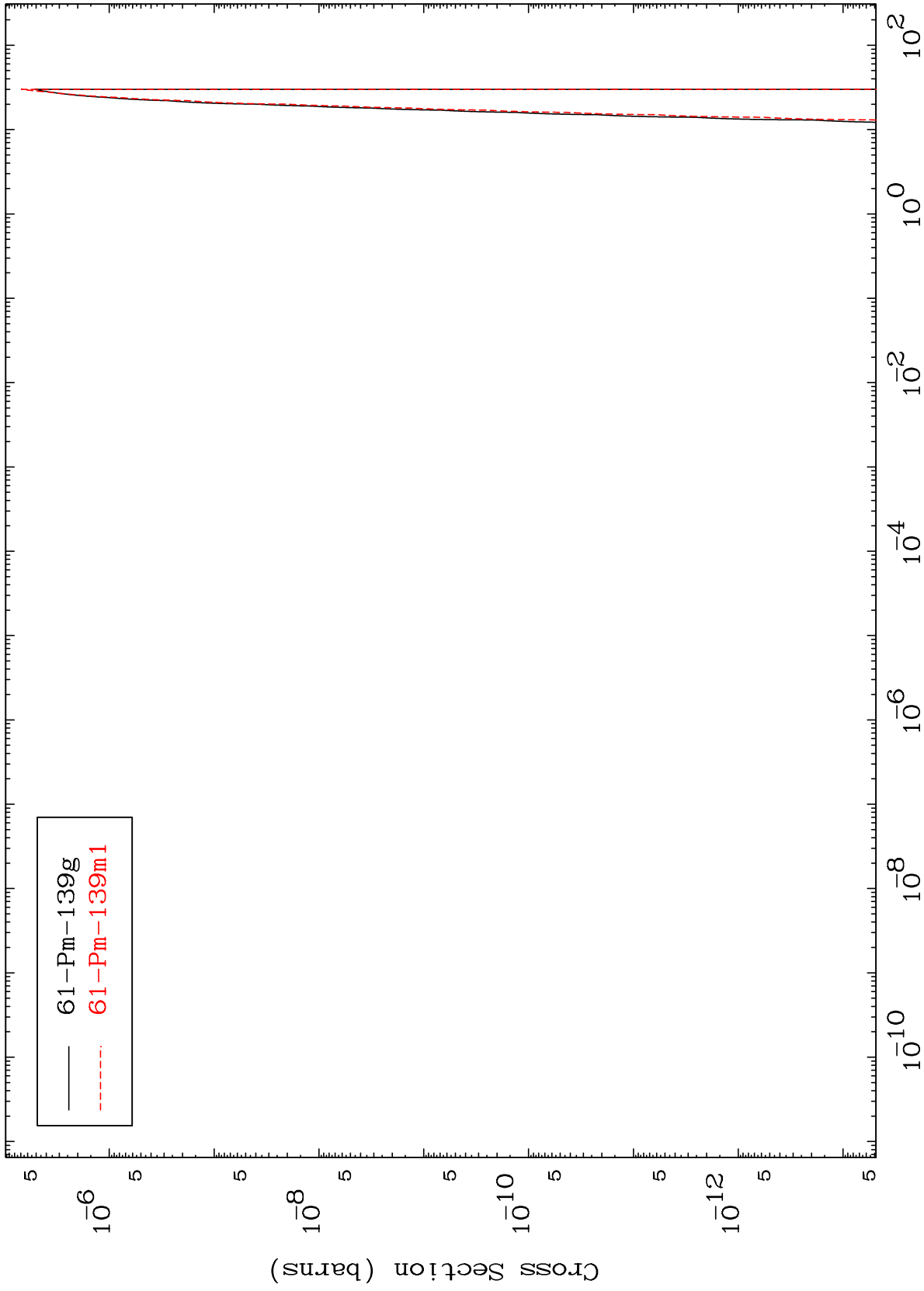
64-Gd-146

MAT 6407

(p,2 $\alpha$ )

64-Gd-146

Radionuclide Production Cross Section



20

Incident Energy (MeV)

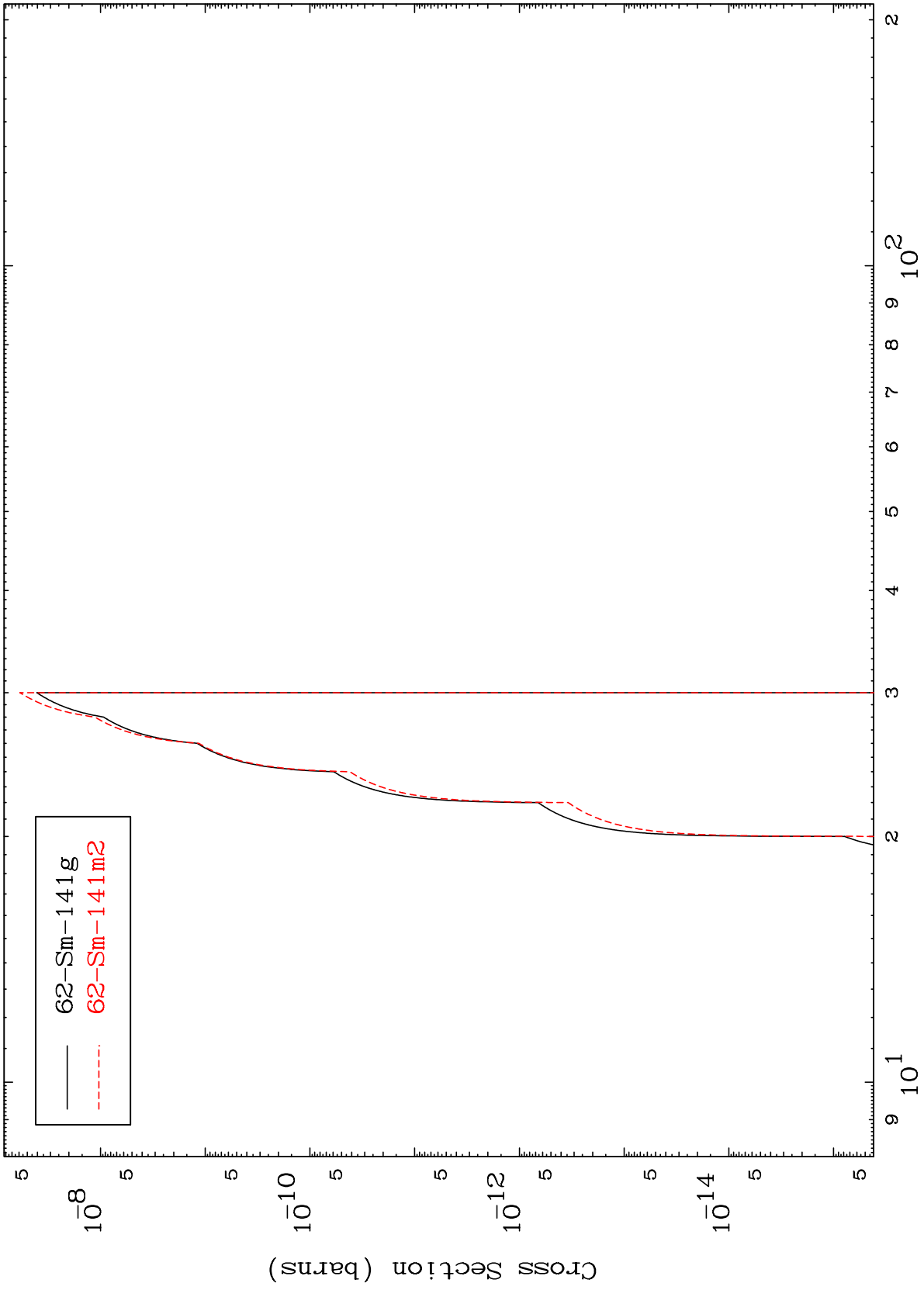
64-Gd-146

MAT 6407

(p,d)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



21

Incident Energy (MeV)

64-Gd-146