

Program EVALPLOT  
(Version 2017-1)

by

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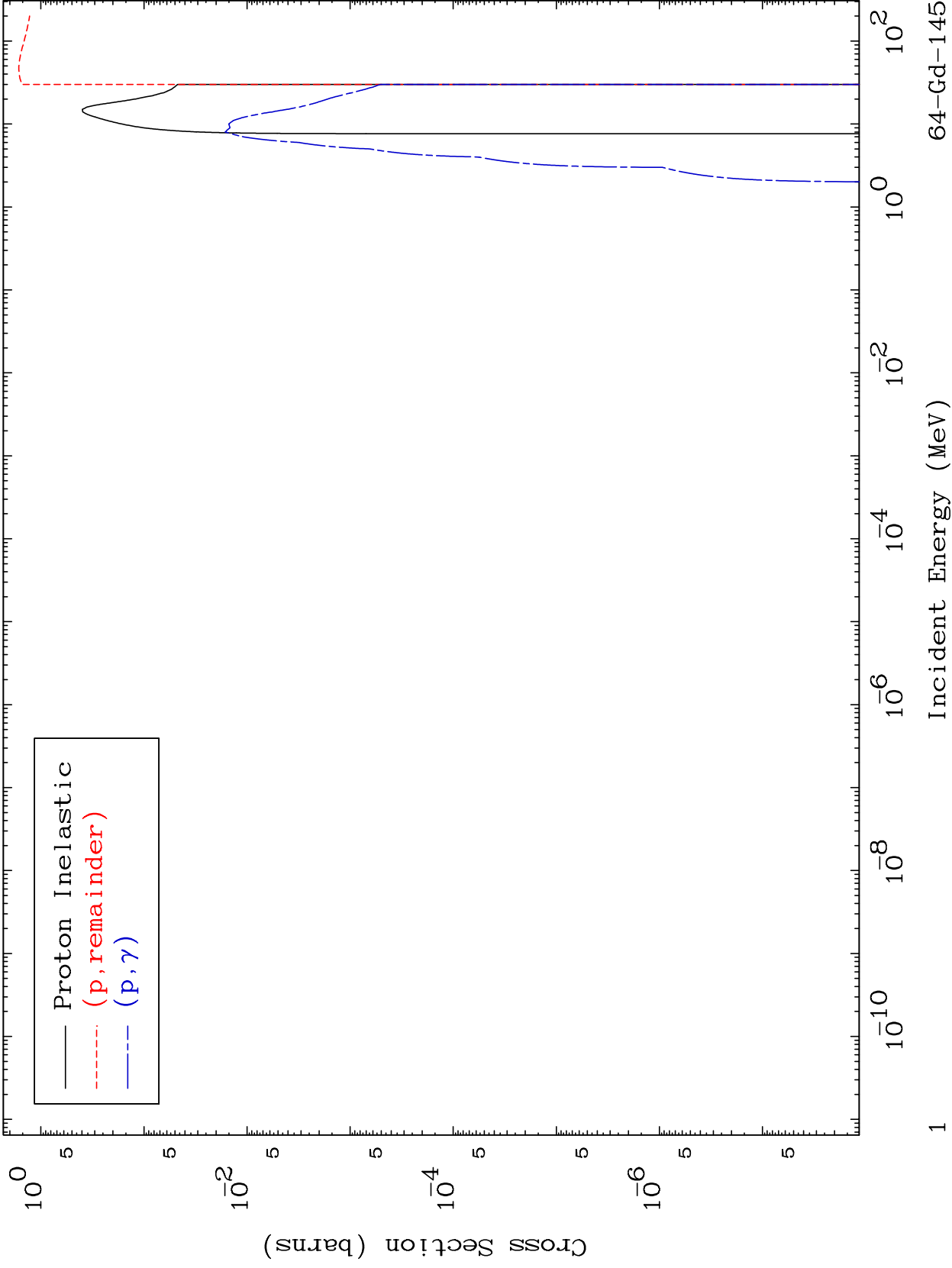
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6404

Proton Major  
0 Kelvin Cross Sections

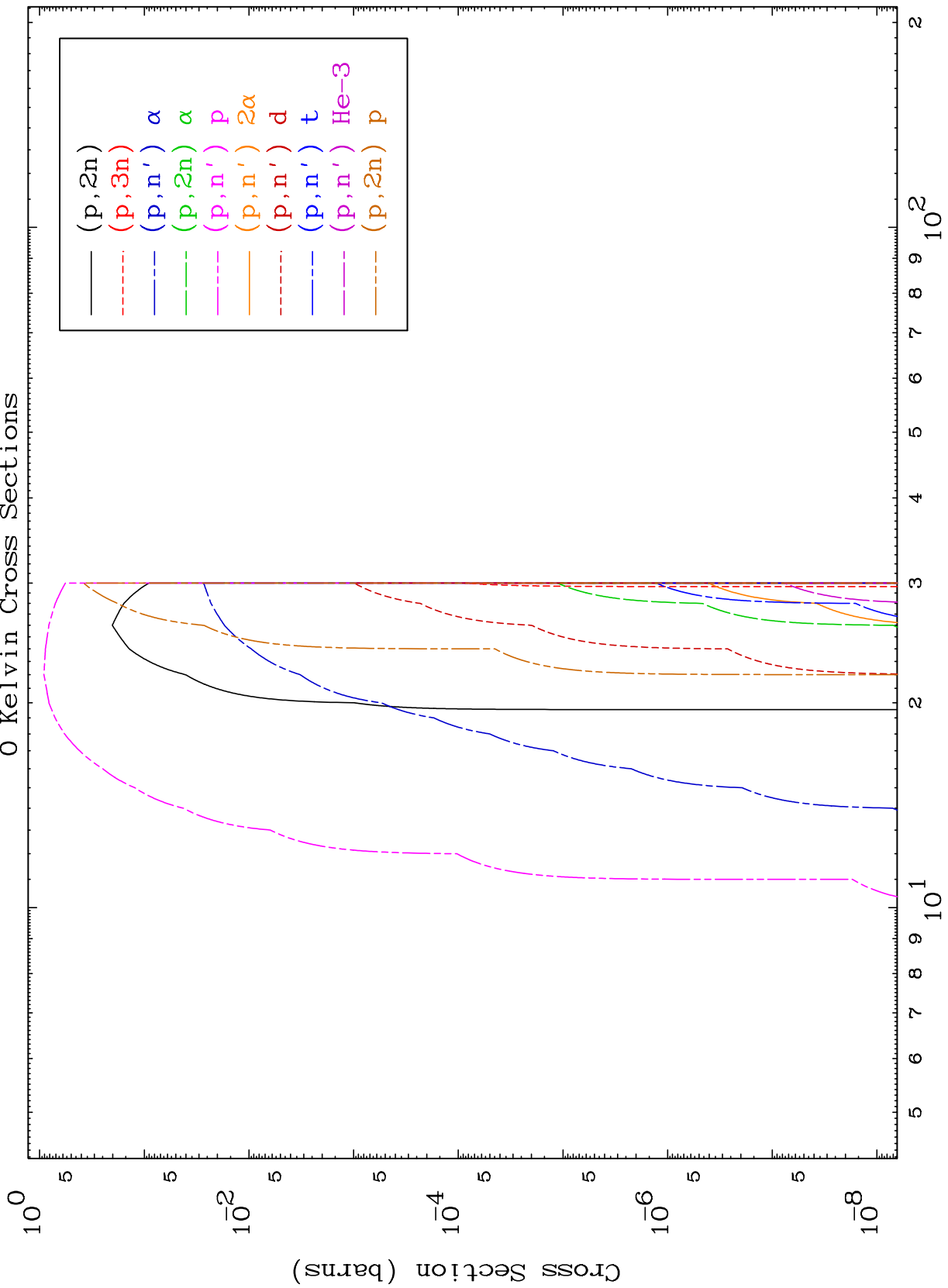
64-Gd-145



MAT 6404

Proton Neutron Production  
0 Kelvin Cross Sections

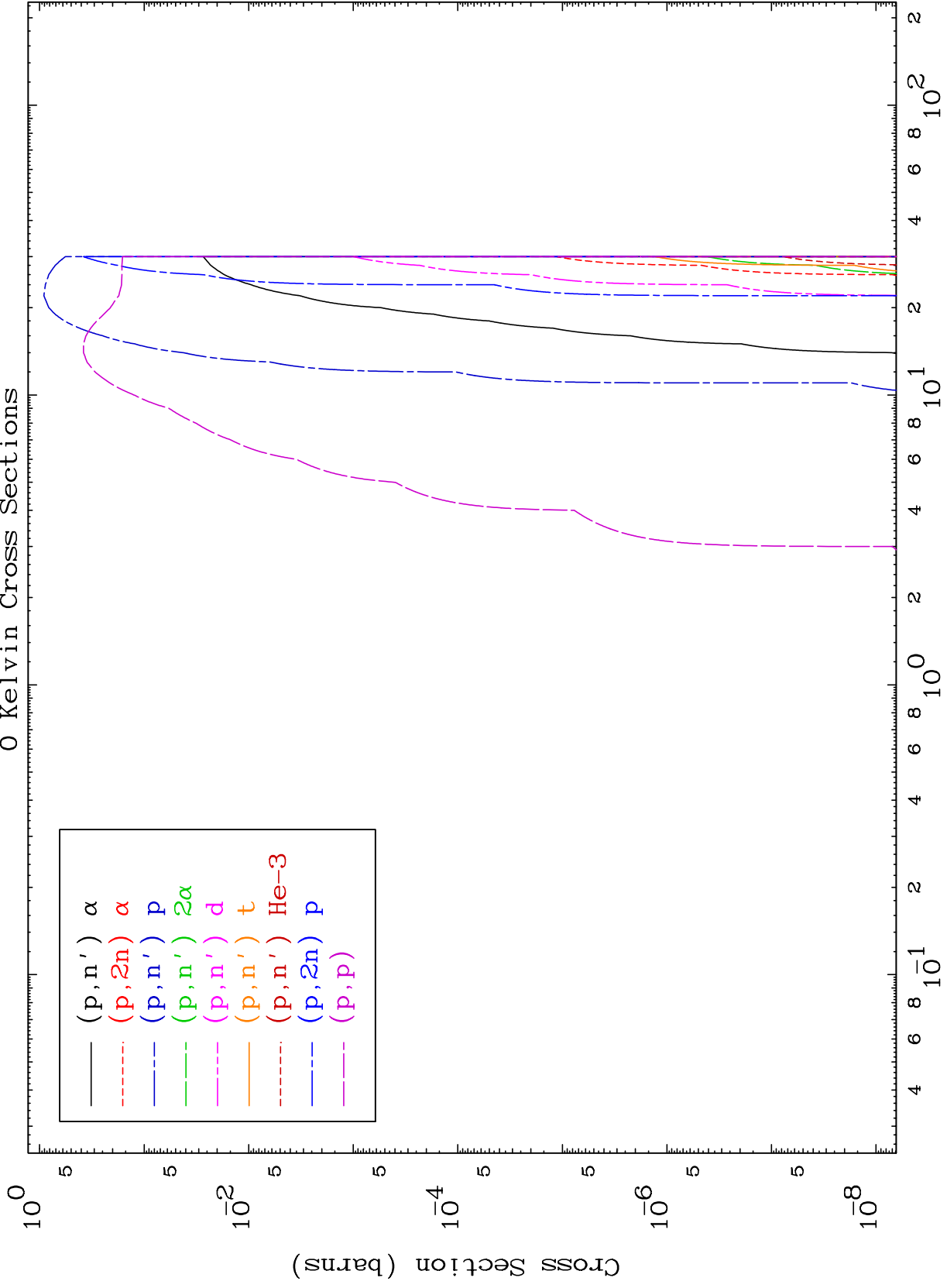
64-Gd-145



MAT 6404

Proton Charged Particle  
0 Kelvin Cross Sections

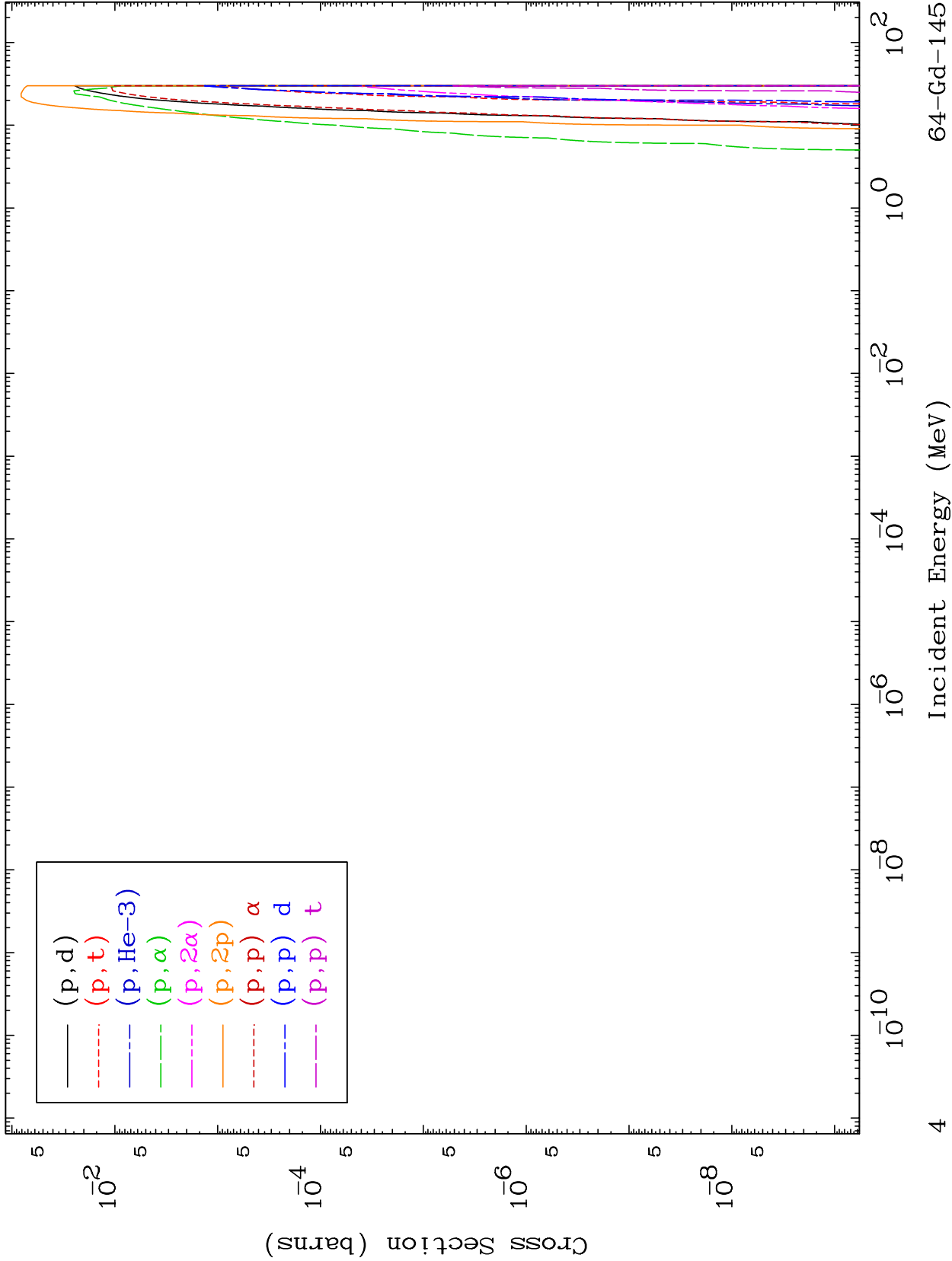
64-Gd-145



MAT 6404

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-145

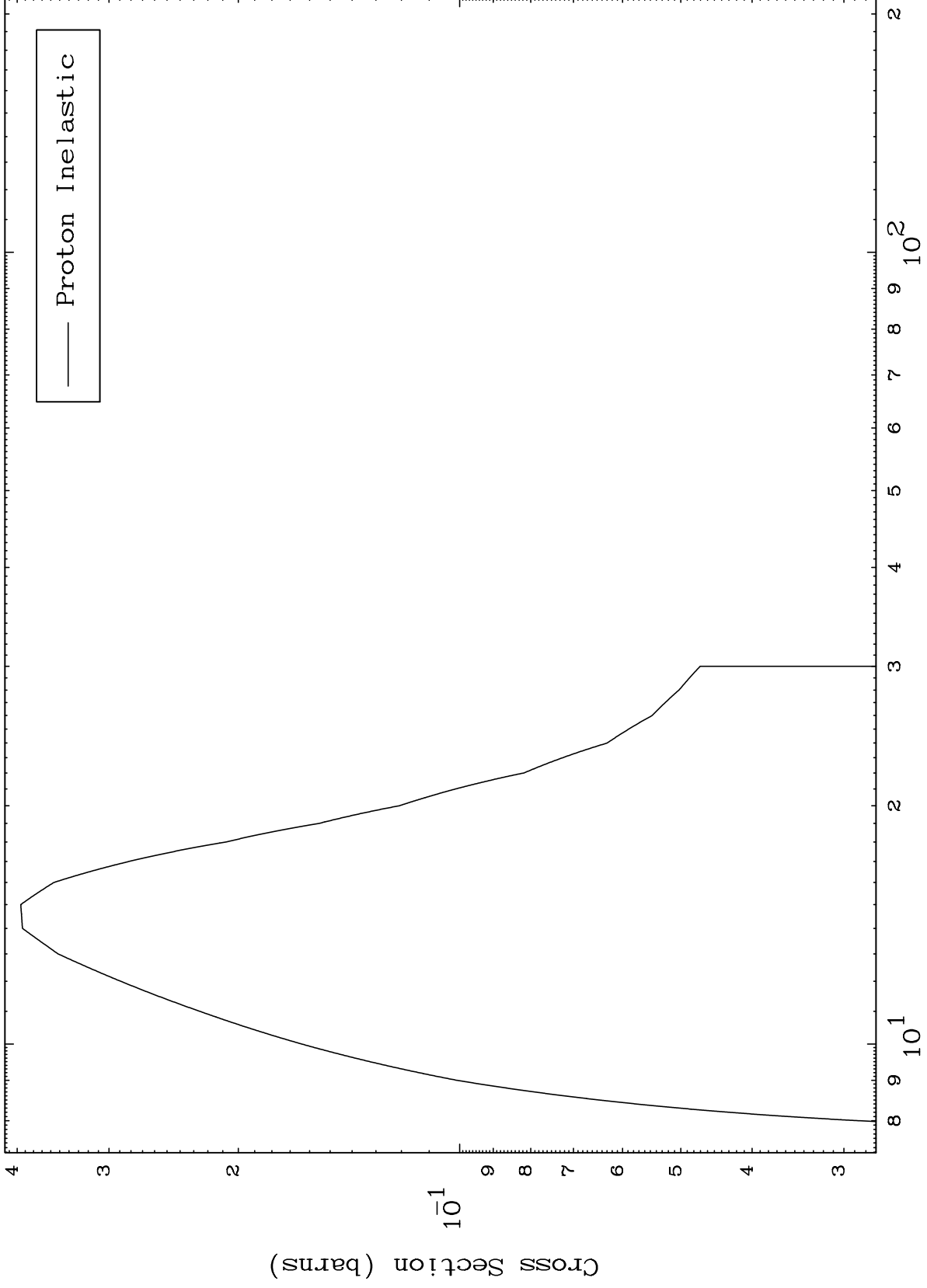


MAT 6404

(p,n') Level

64-Gd-145

0 Kelvin Cross Sections



— Proton Inelastic

5

Incident Energy (MeV)

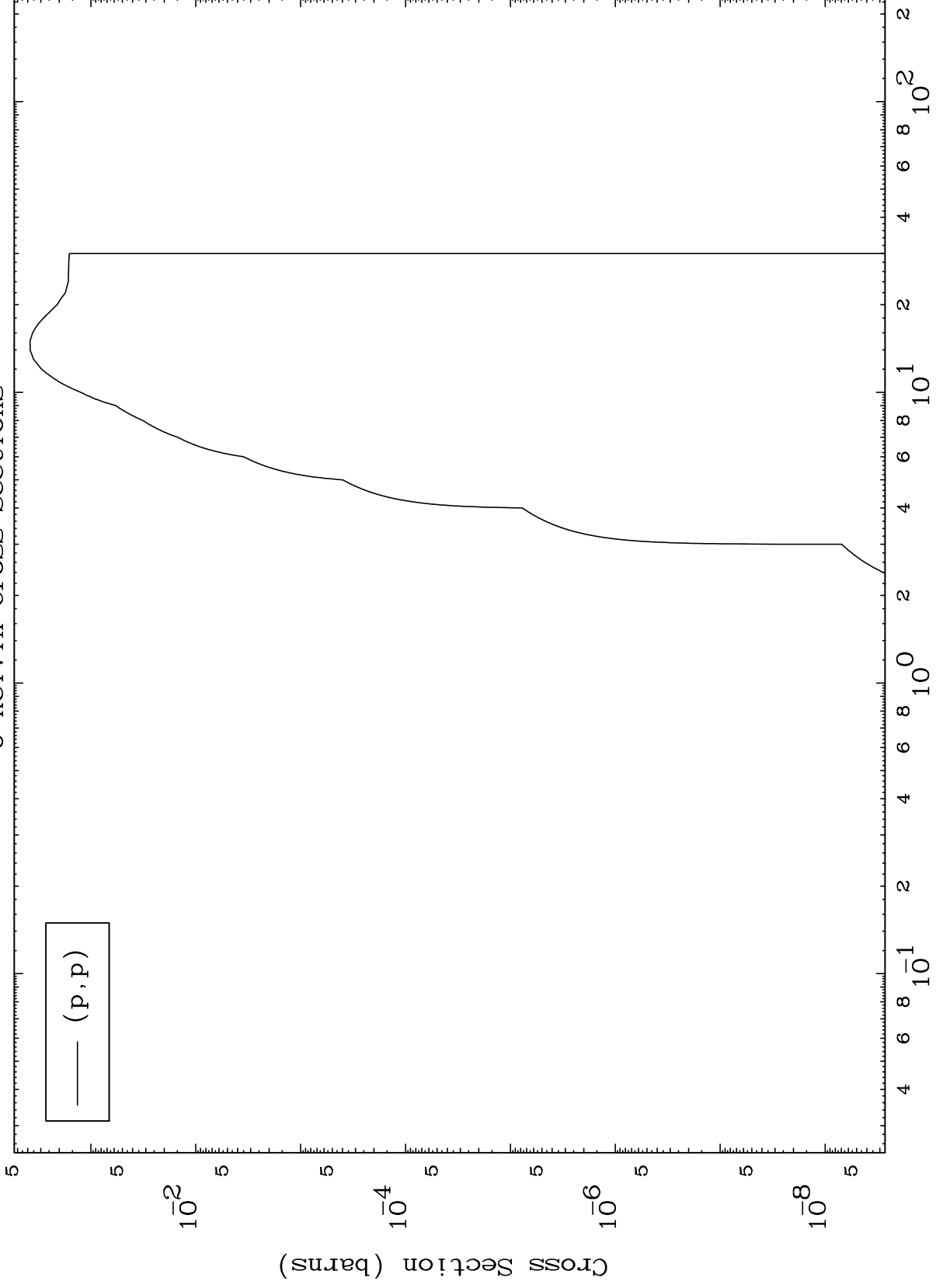
64-Gd-145

MAT 6404

(p,p) Levels

64-Gd-145

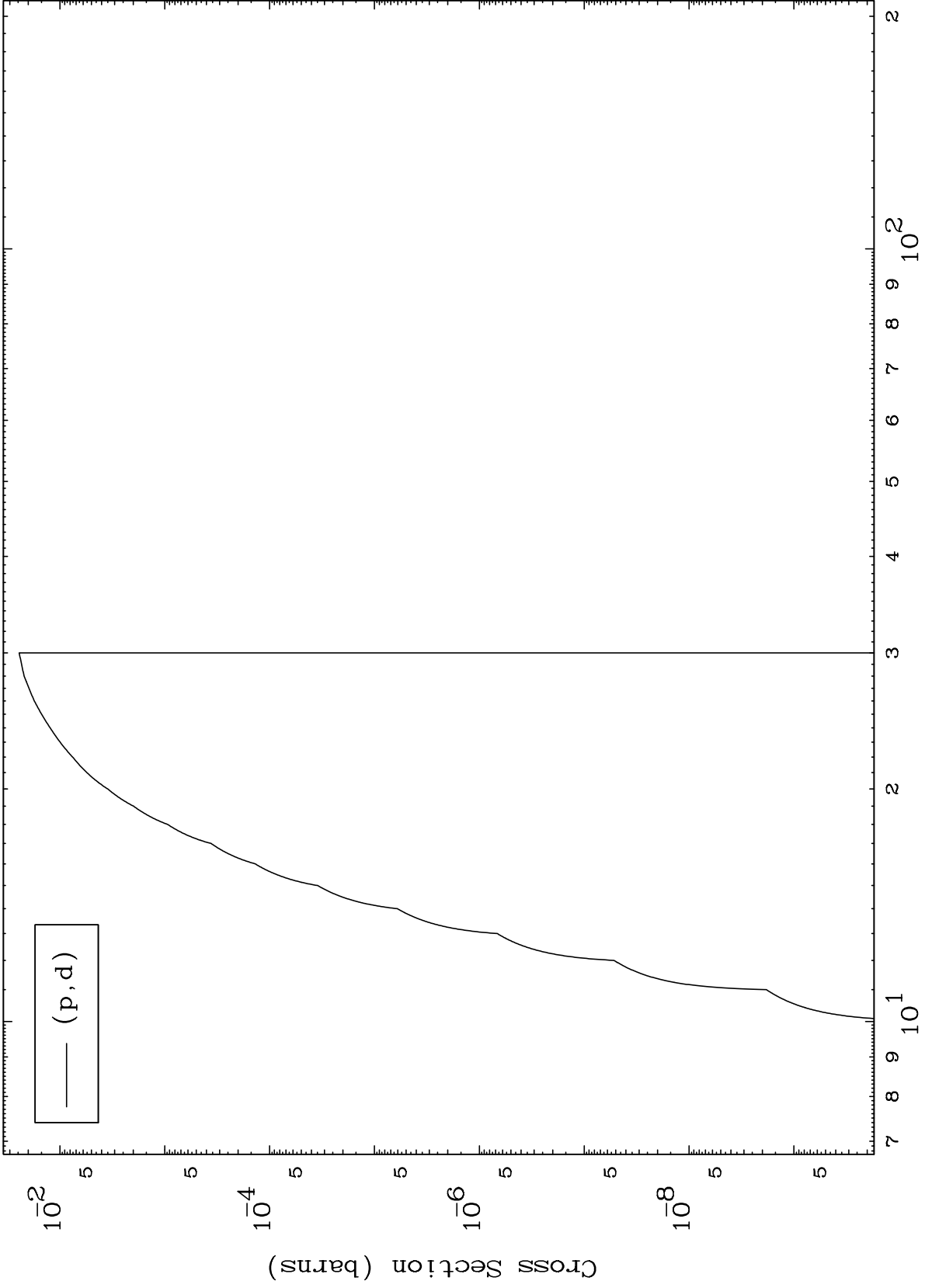
0 Kelvin Cross Sections



MAT 6404

(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-145



7

Incident Energy (MeV)

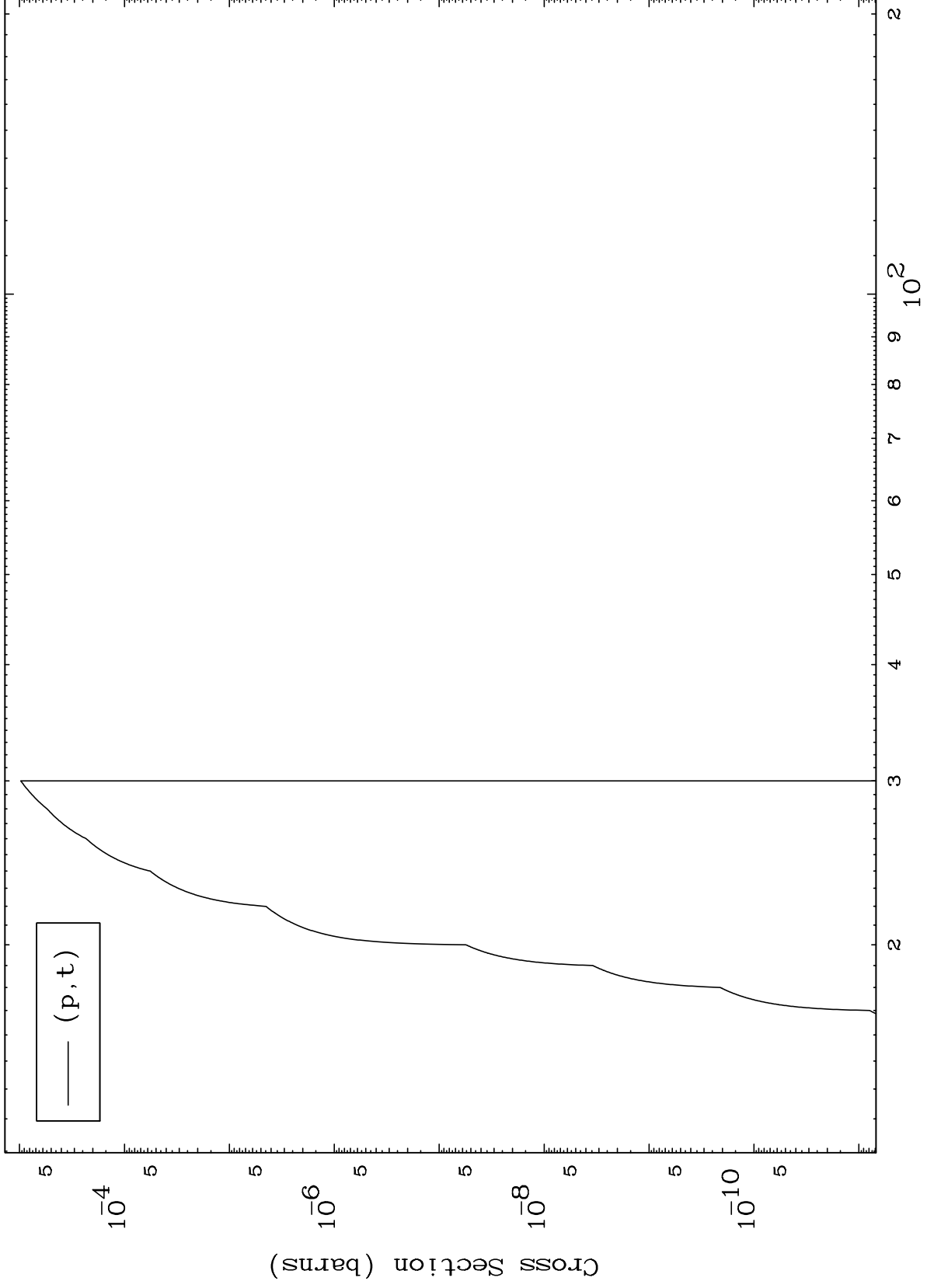
64-Gd-145



MAT 6404

(p,t) Levels  
0 Kelvin Cross Sections

64-Gd-145



8

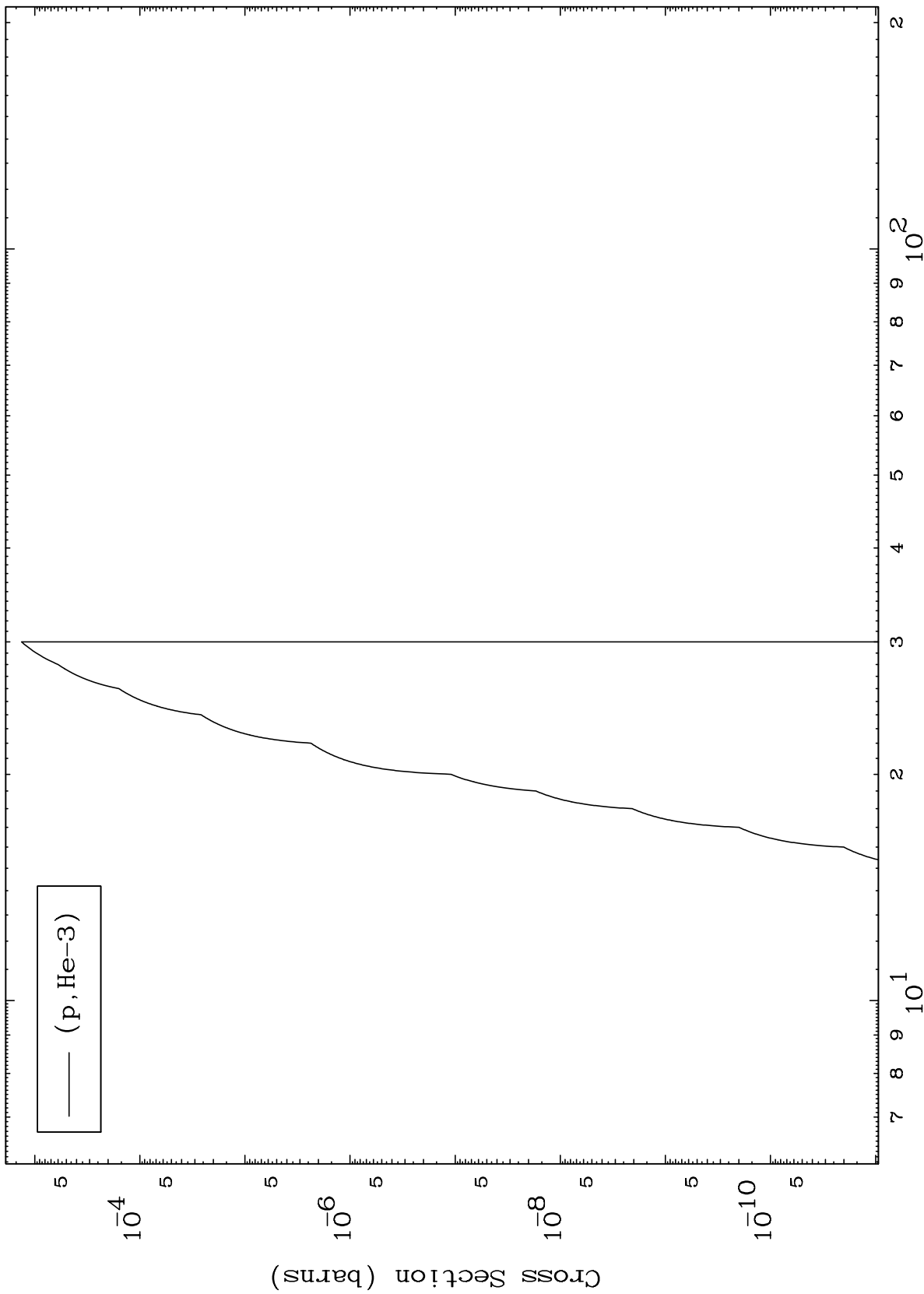
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

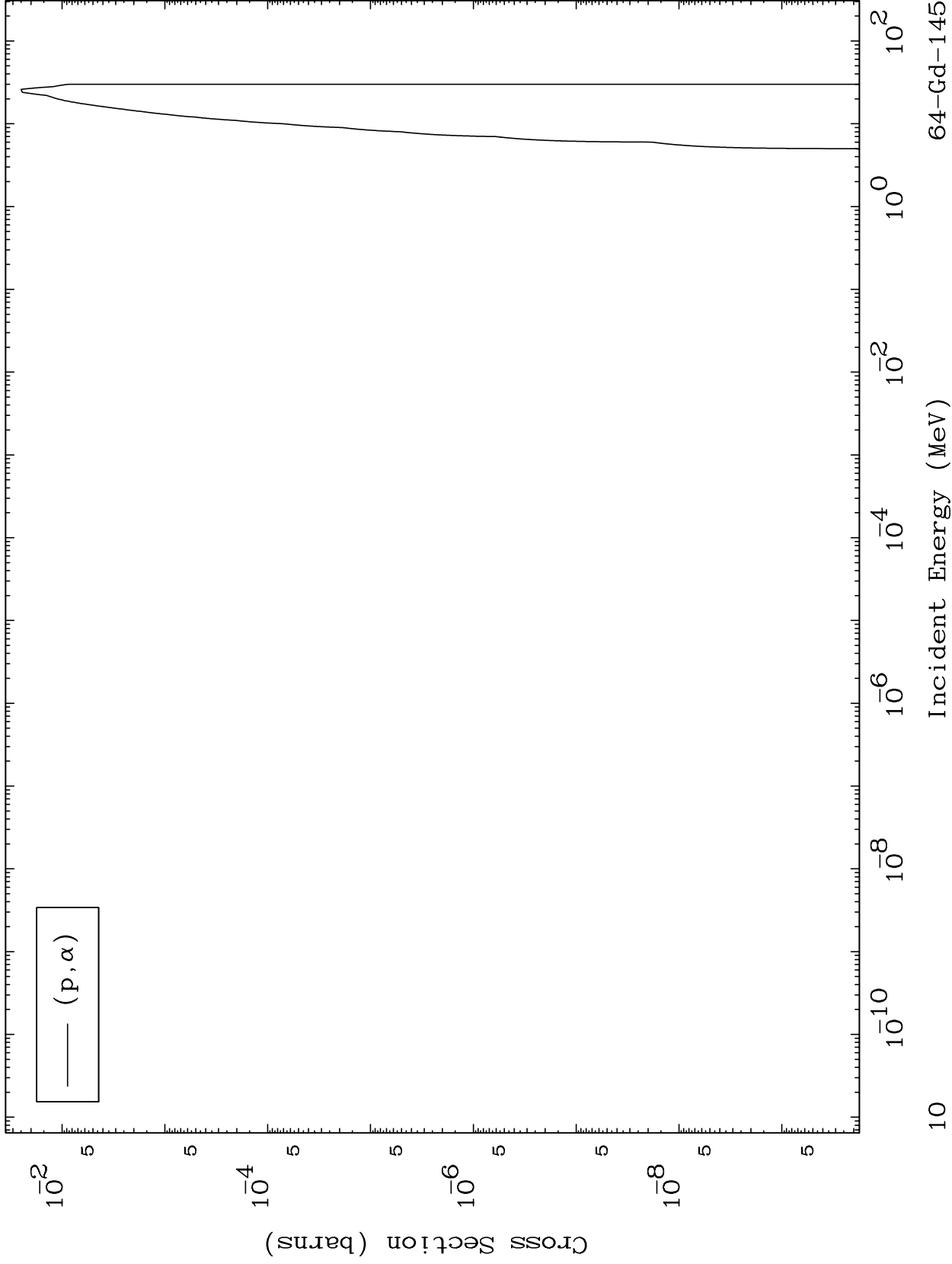
(p,He3) Levels  
0 Kelvin Cross Sections



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

64-Gd-145



10

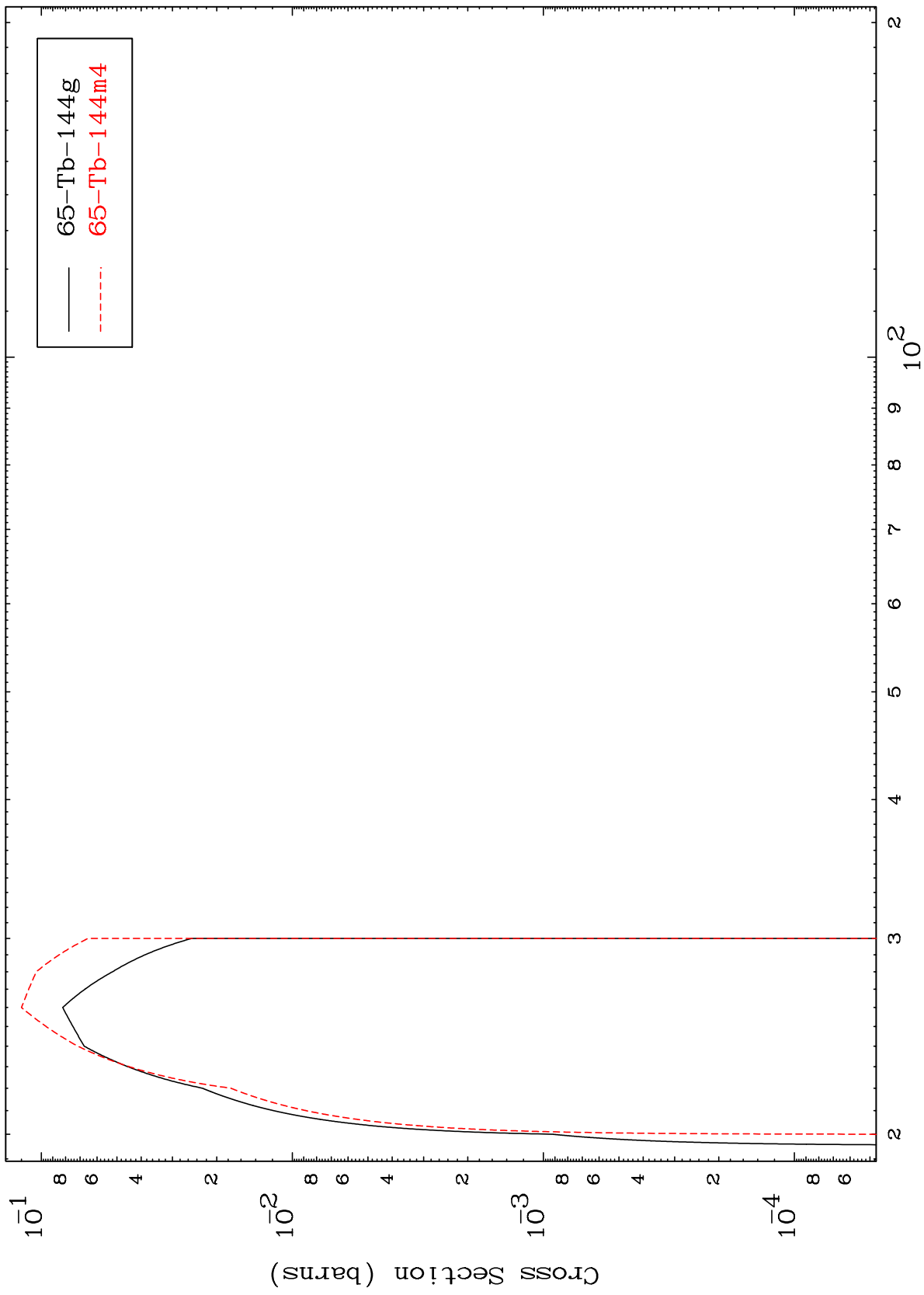
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(p,2n)  
Radionuclide Production Cross Section



11

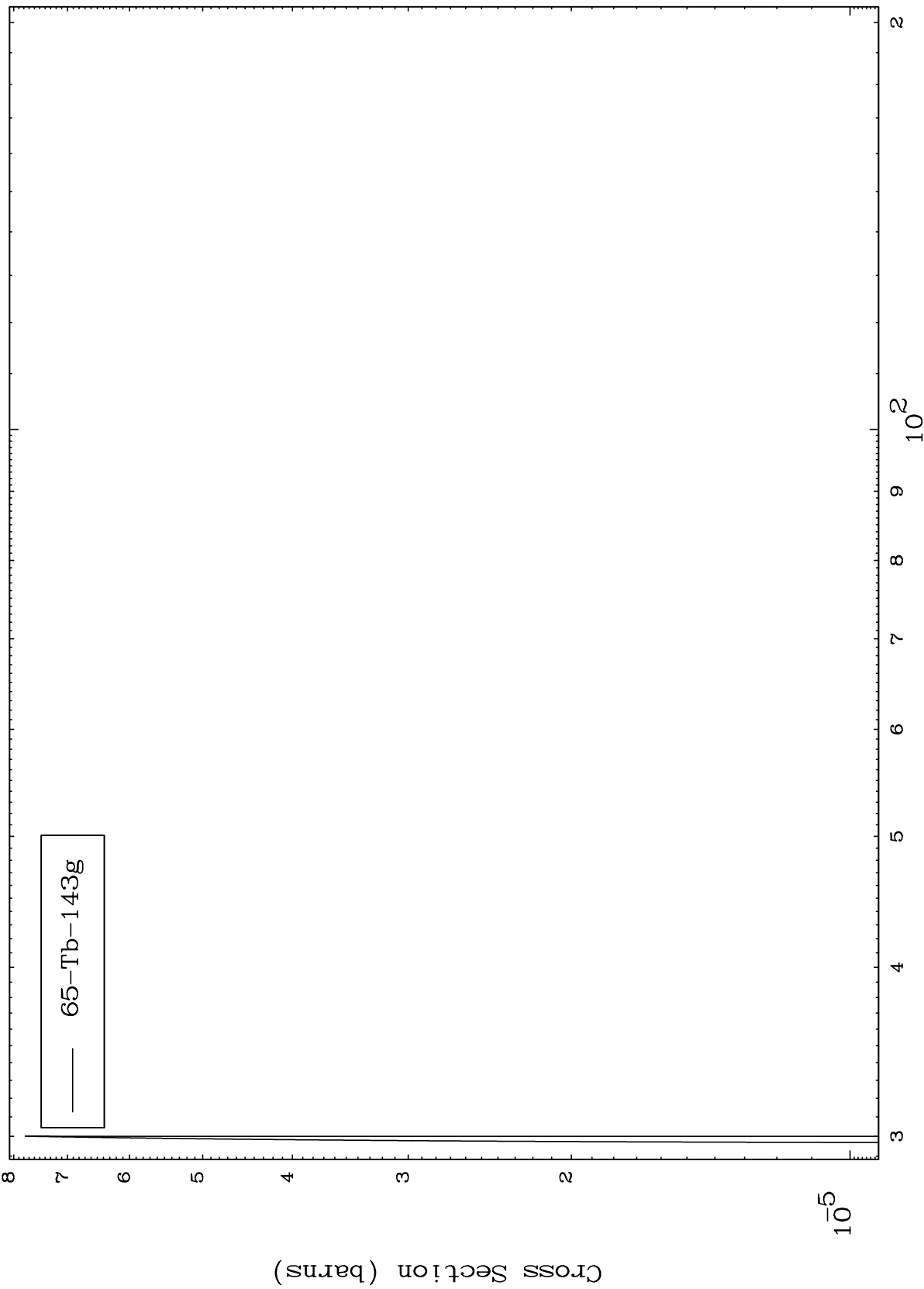
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(p,3n)  
Radionuclide Production Cross Section



64-Gd-145

Incident Energy (MeV)

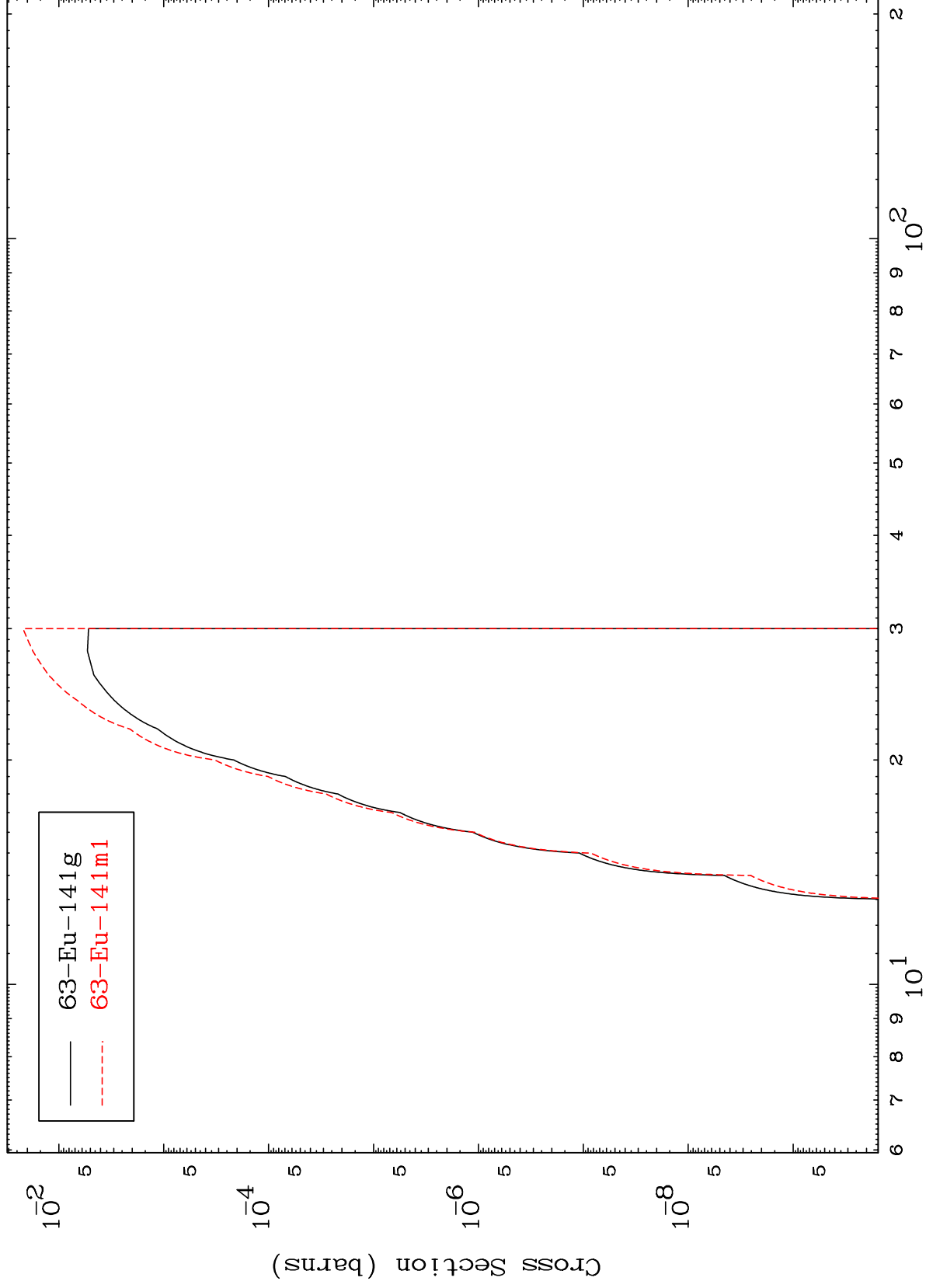
12

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(p,n')  $\alpha$

64-Gd-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

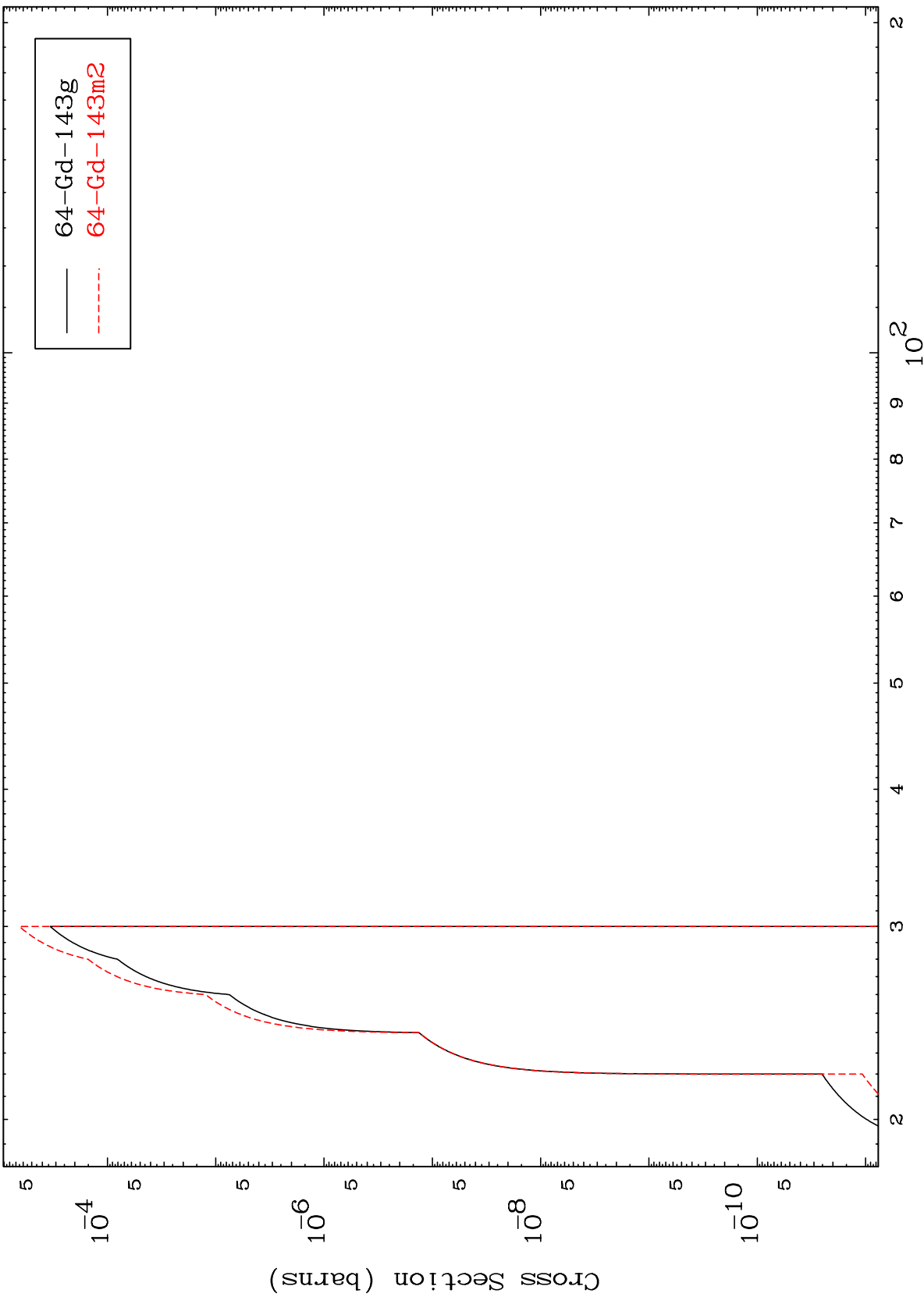
64-Gd-145

MAT 6404

(p,n') d

64-Gd-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

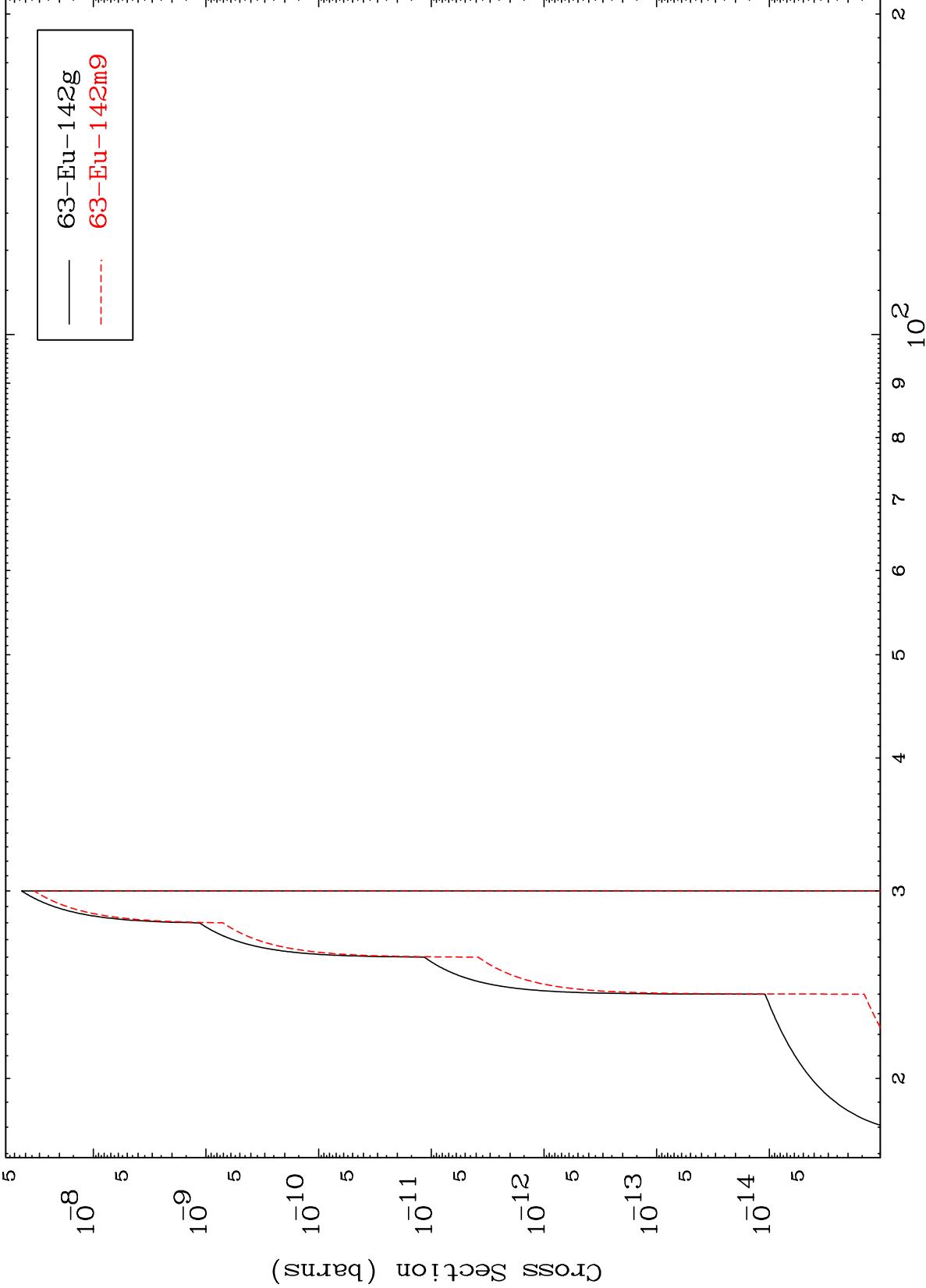
64-Gd-145

MAT 6404

(p,n') He-3

64-Gd-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-145

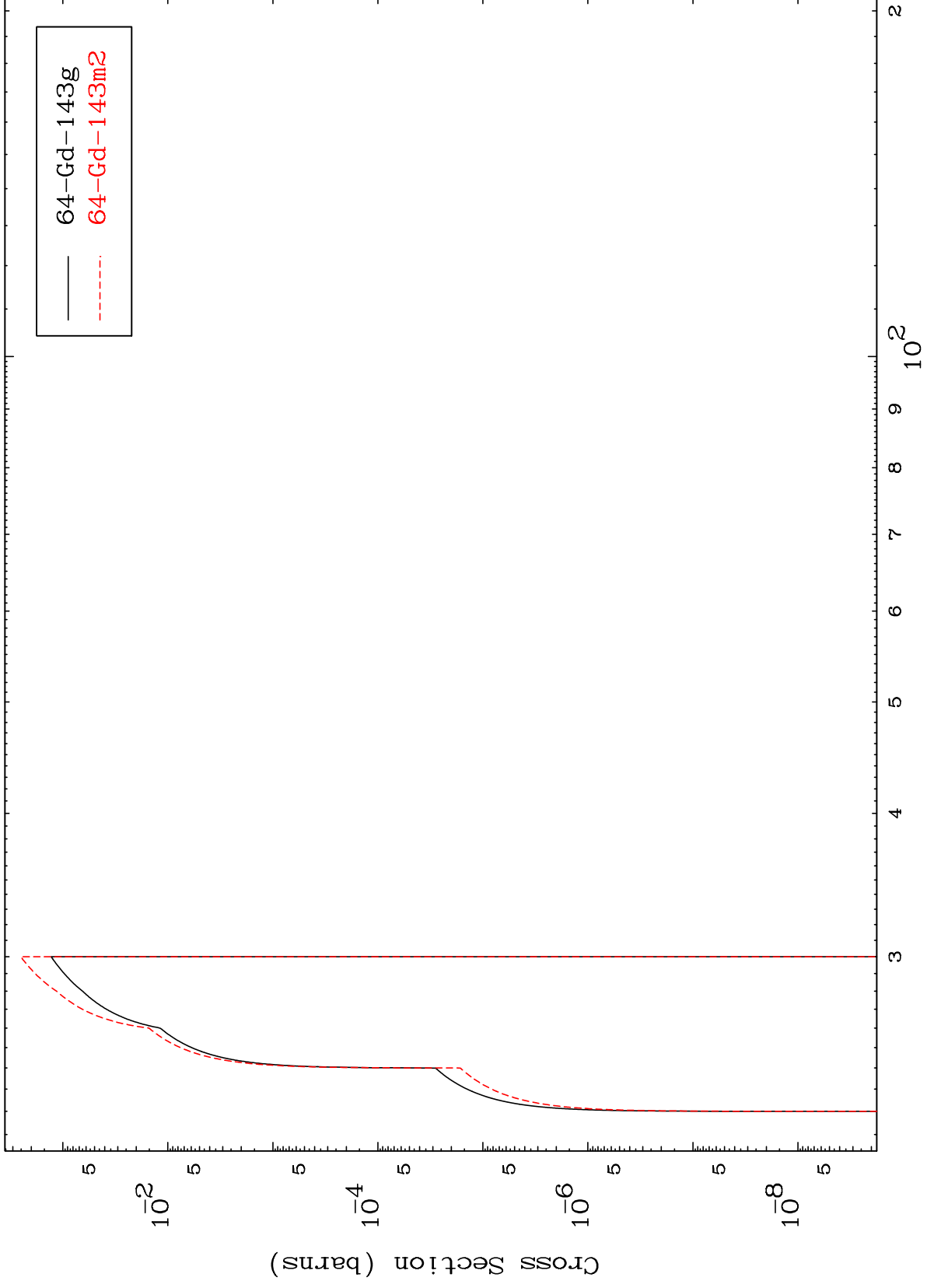


MAT 6404

(p,2n) p

64-Gd-145

Radionuclide Production Cross Section



16

Incident Energy (MeV)

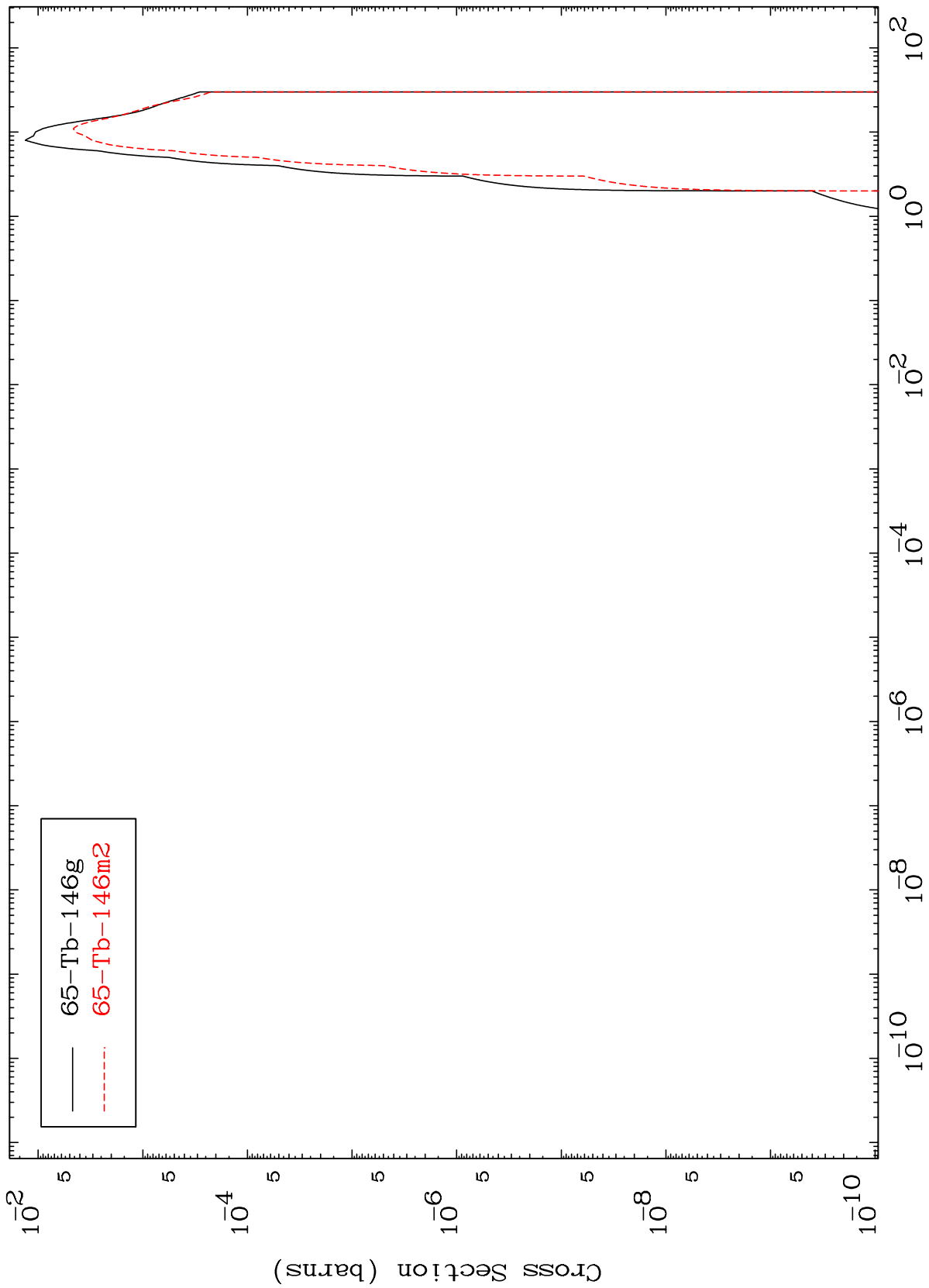
64-Gd-145

MAT 6404

(p,  $\gamma$ )

64-Gd-145

Radionuclide Production Cross Section



65-Tb-146g  
65-Tb-146m2

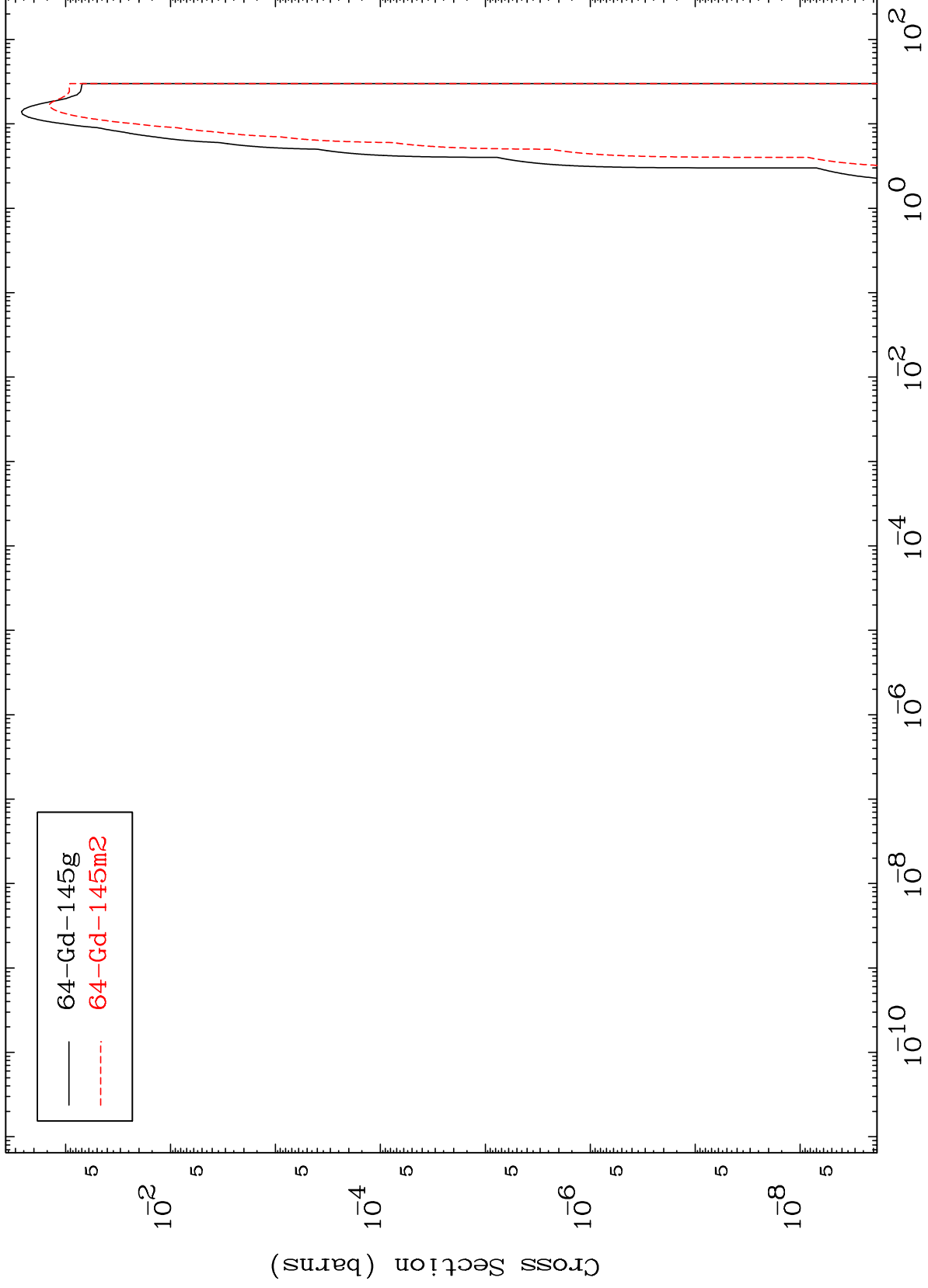
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(p,p)  
Radionuclide Production Cross Section



18

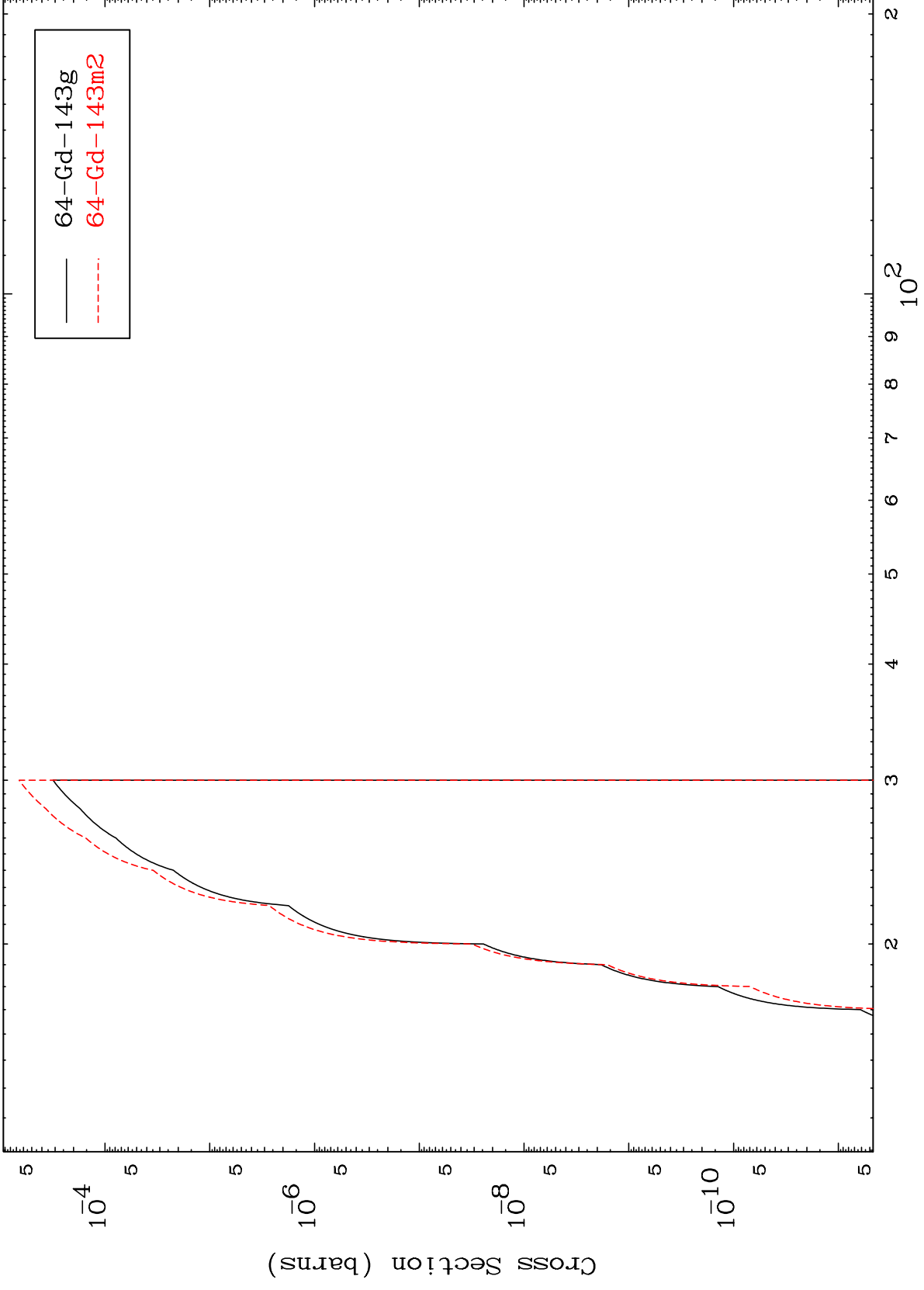
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

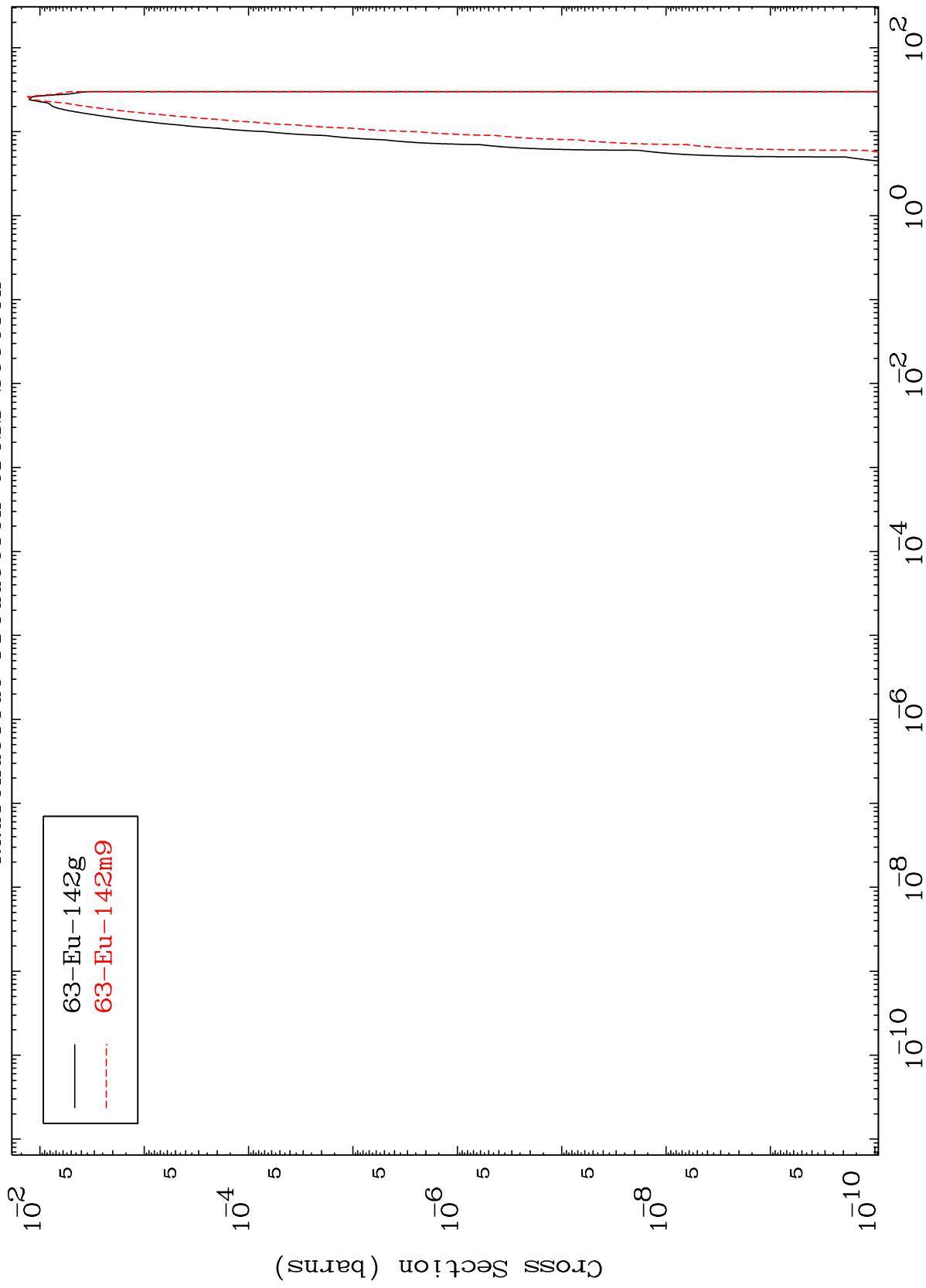
(p, t)  
Radionuclide Production Cross Section



MAT 6404

64-Gd-145

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



Incident Energy (MeV)

64-Gd-145

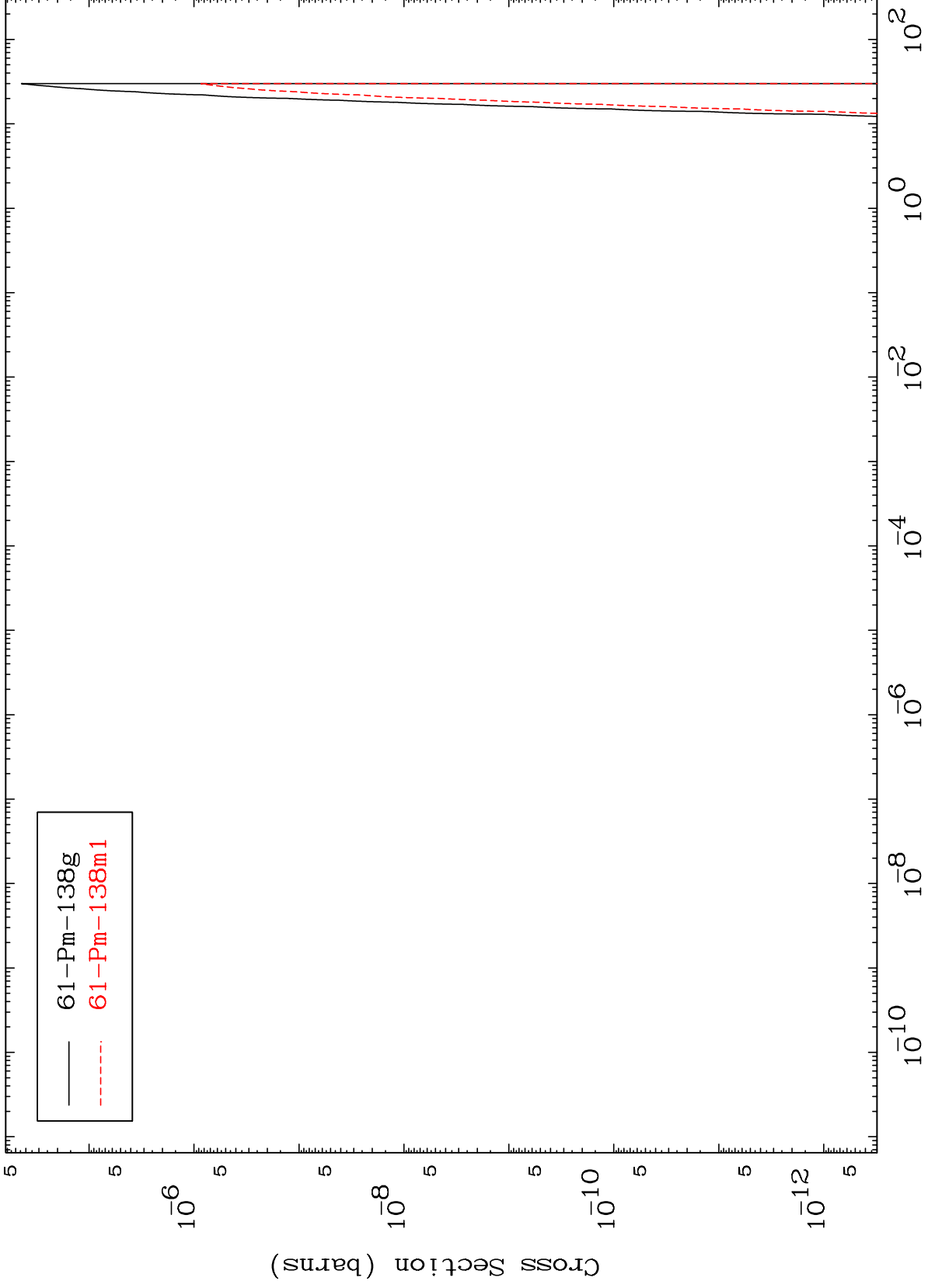
20

MAT 6404

(p,2 $\alpha$ )

64-Gd-145

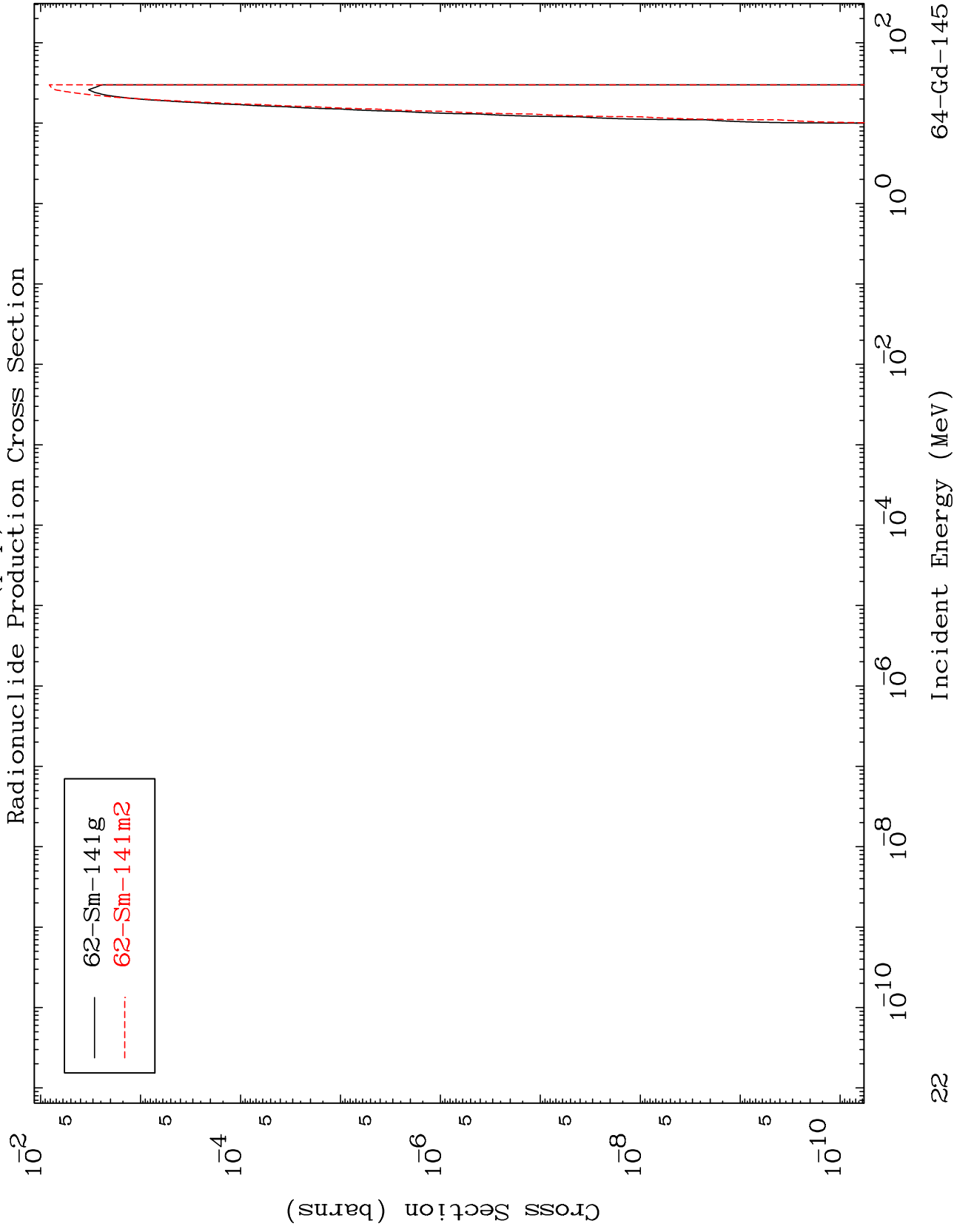
Radionuclide Production Cross Section



MAT 6404

(p,p)  $\alpha$

64-Gd-145

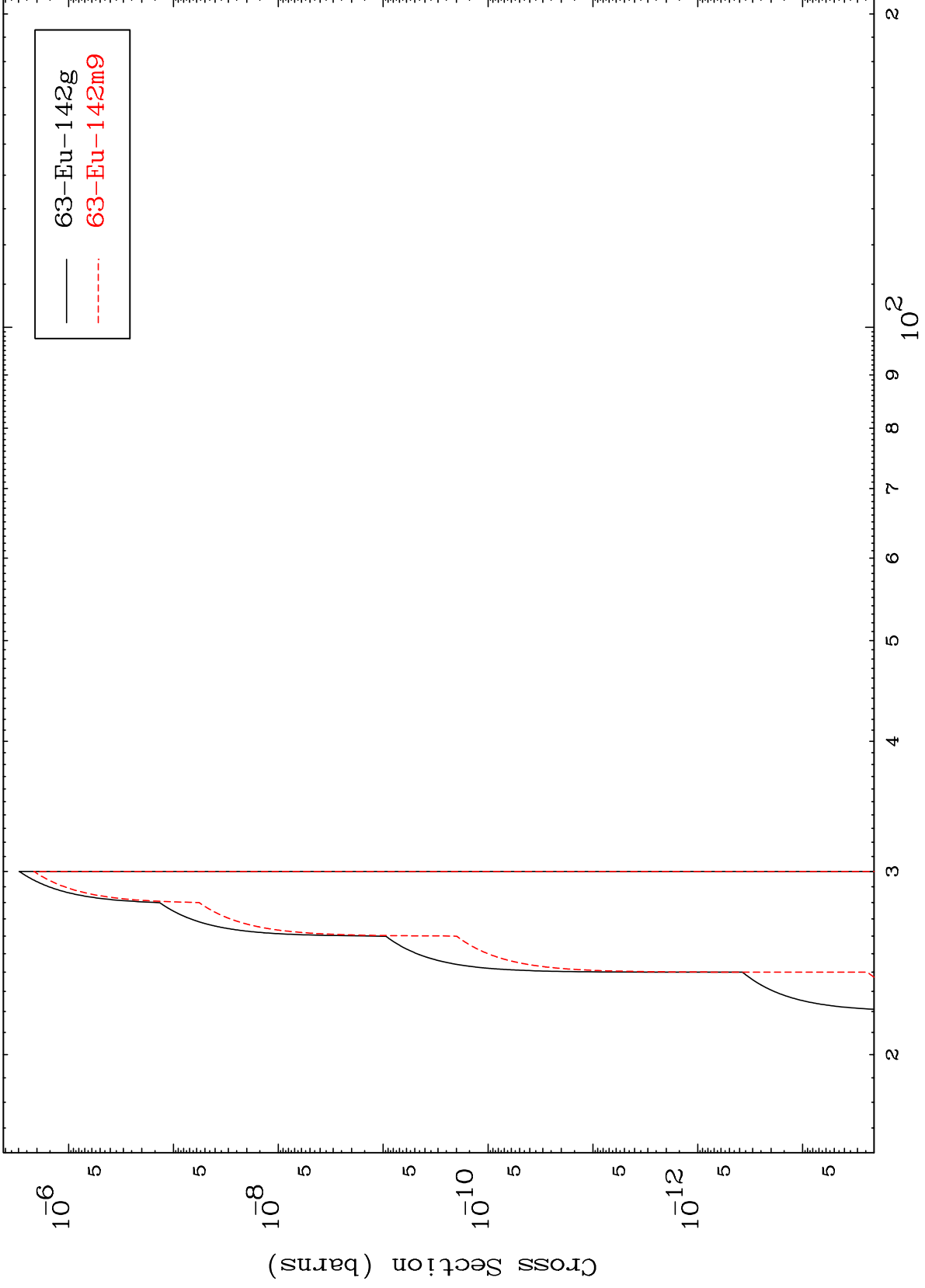


MAT 6404

(p,p) t

64-Gd-145

Radionuclide Production Cross Section



23

Incident Energy (MeV)

64-Gd-145