

Program EVALPLOT
(Version 2017-1)

by

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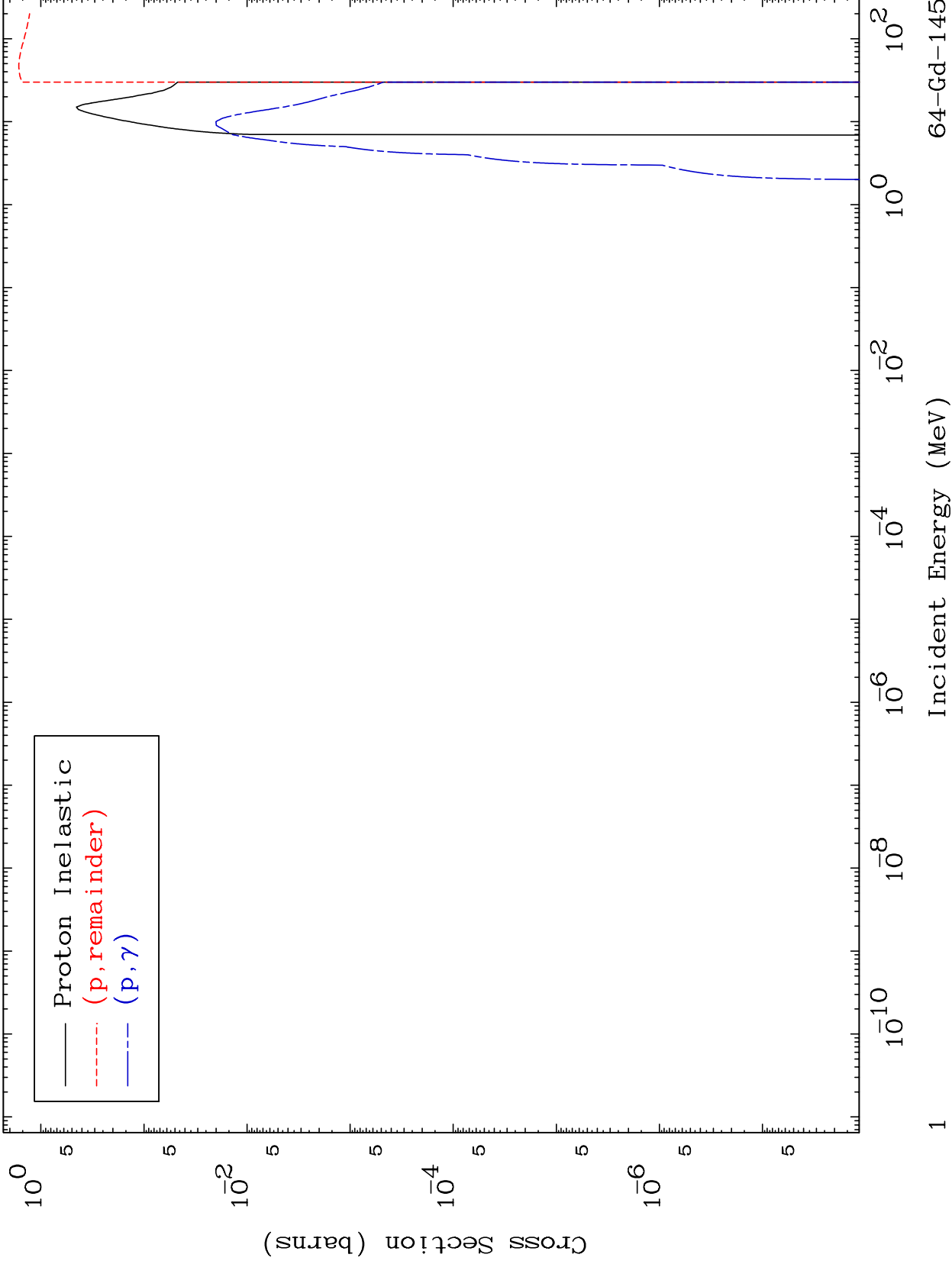
Press Mouse Button to Start

MAT 6405

Proton Major

0 Kelvin Cross Sections

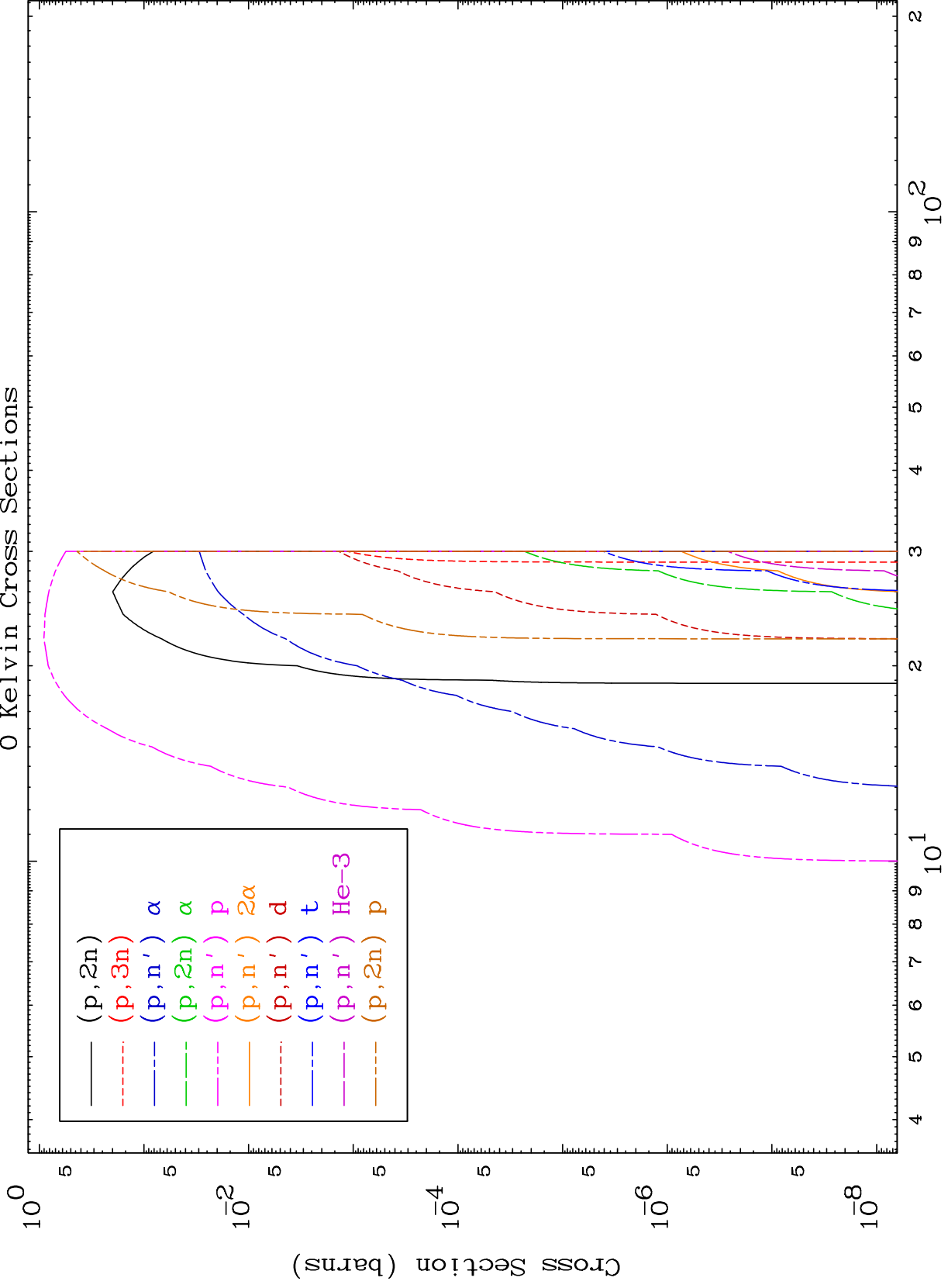
64-Gd-145



MAT 6405

Proton Neutron Production
0 Kelvin Cross Sections

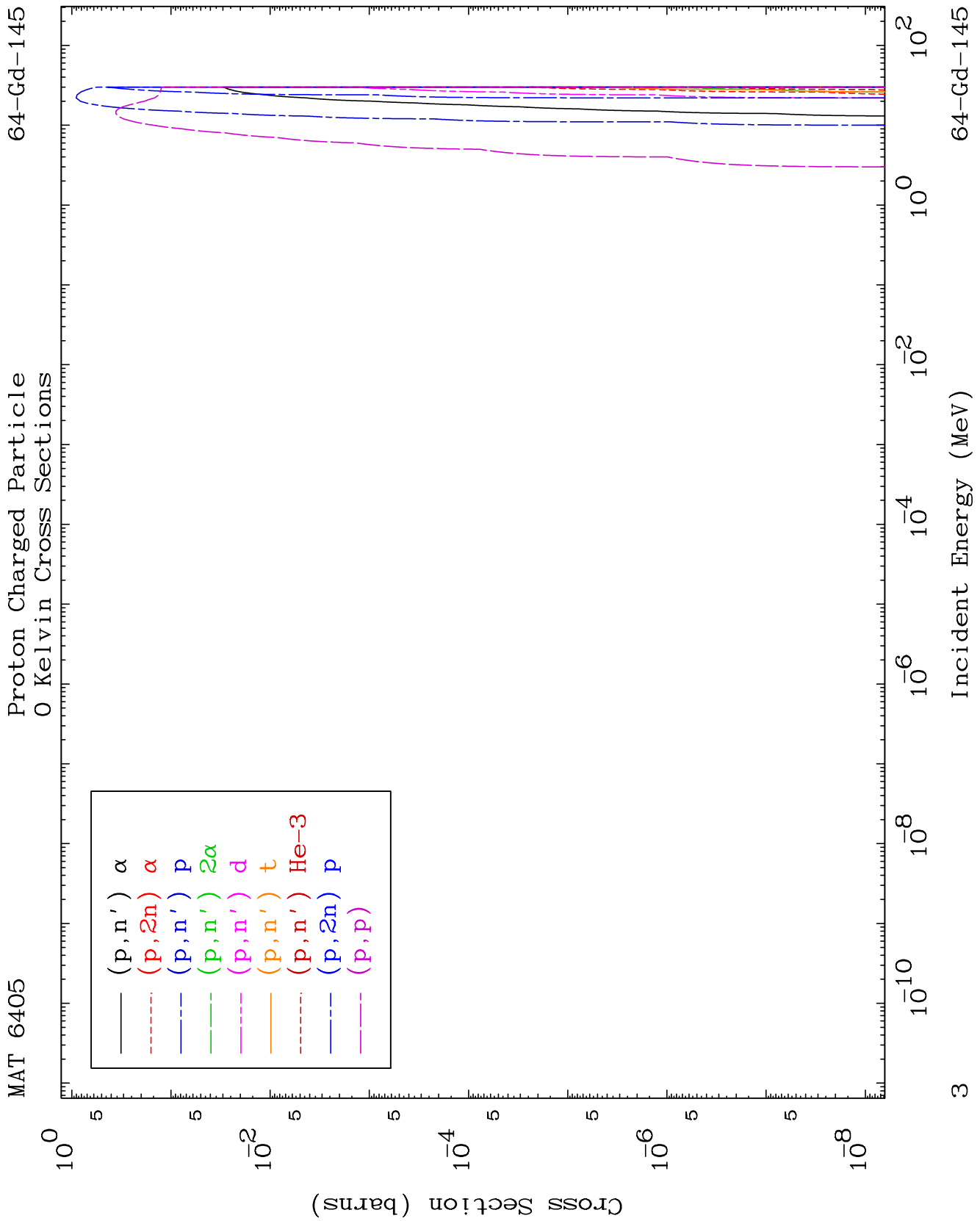
64-Gd-145



2

Incident Energy (MeV)

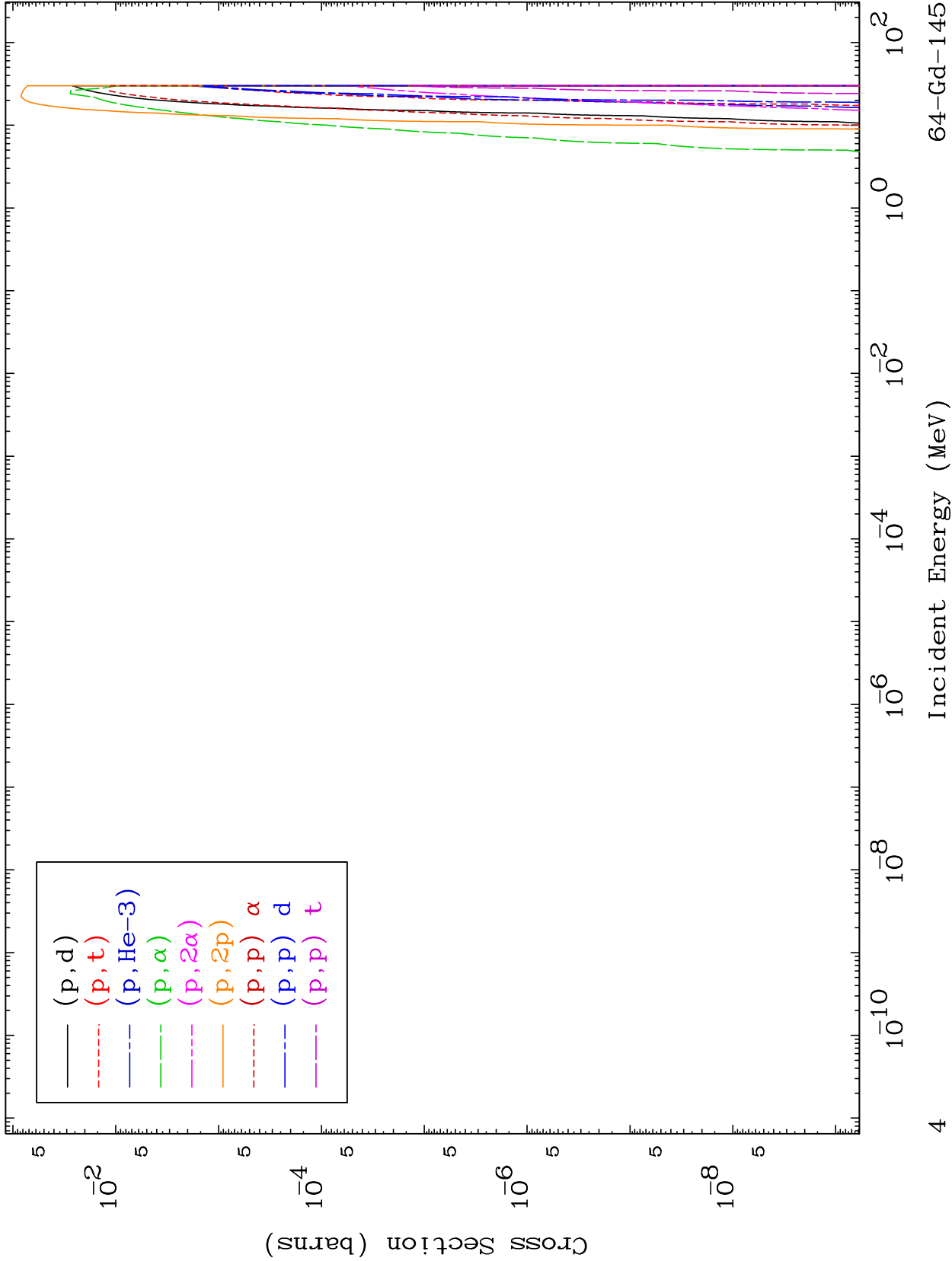
64-Gd-145



MAT 6405

Proton Charged Particle
0 Kelvin Cross Sections

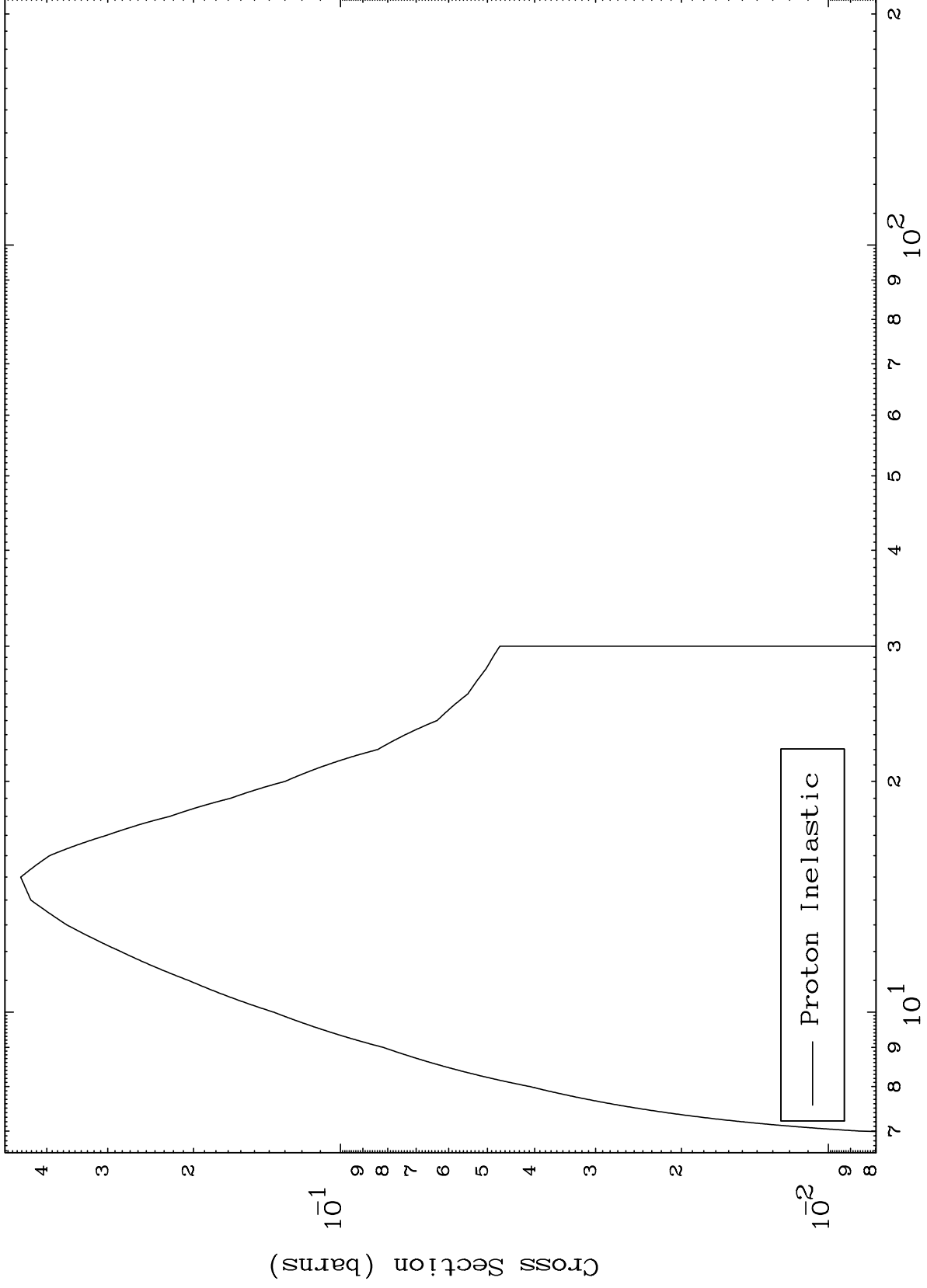
64-Gd-145



MAT 6405

(p,n') Level
0 Kelvin Cross Sections

64-Gd-145



5

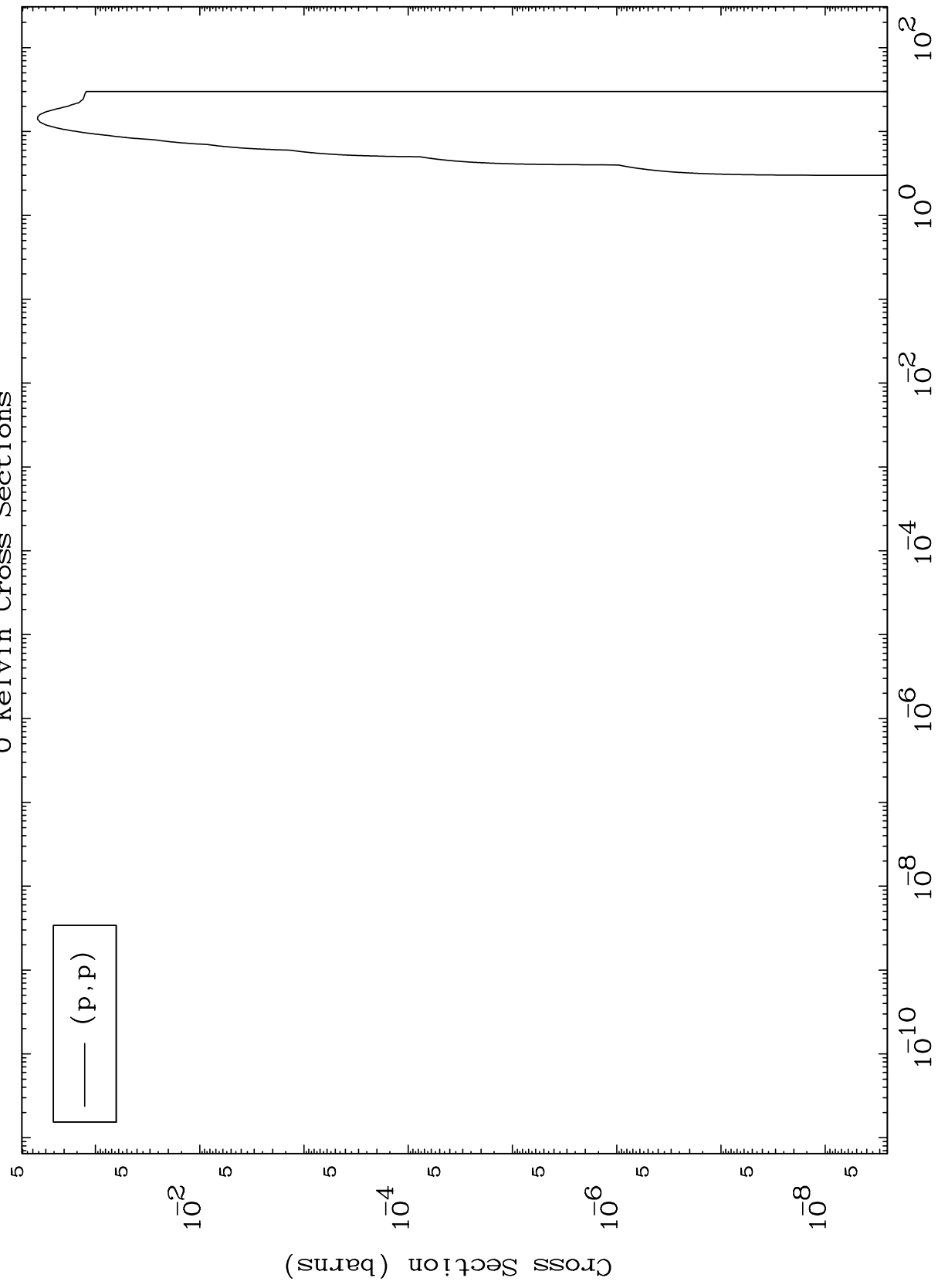
Incident Energy (MeV)

64-Gd-145

MAT 6405

(p,p) Levels
0 Kelvin Cross Sections

64-Gd-145



6

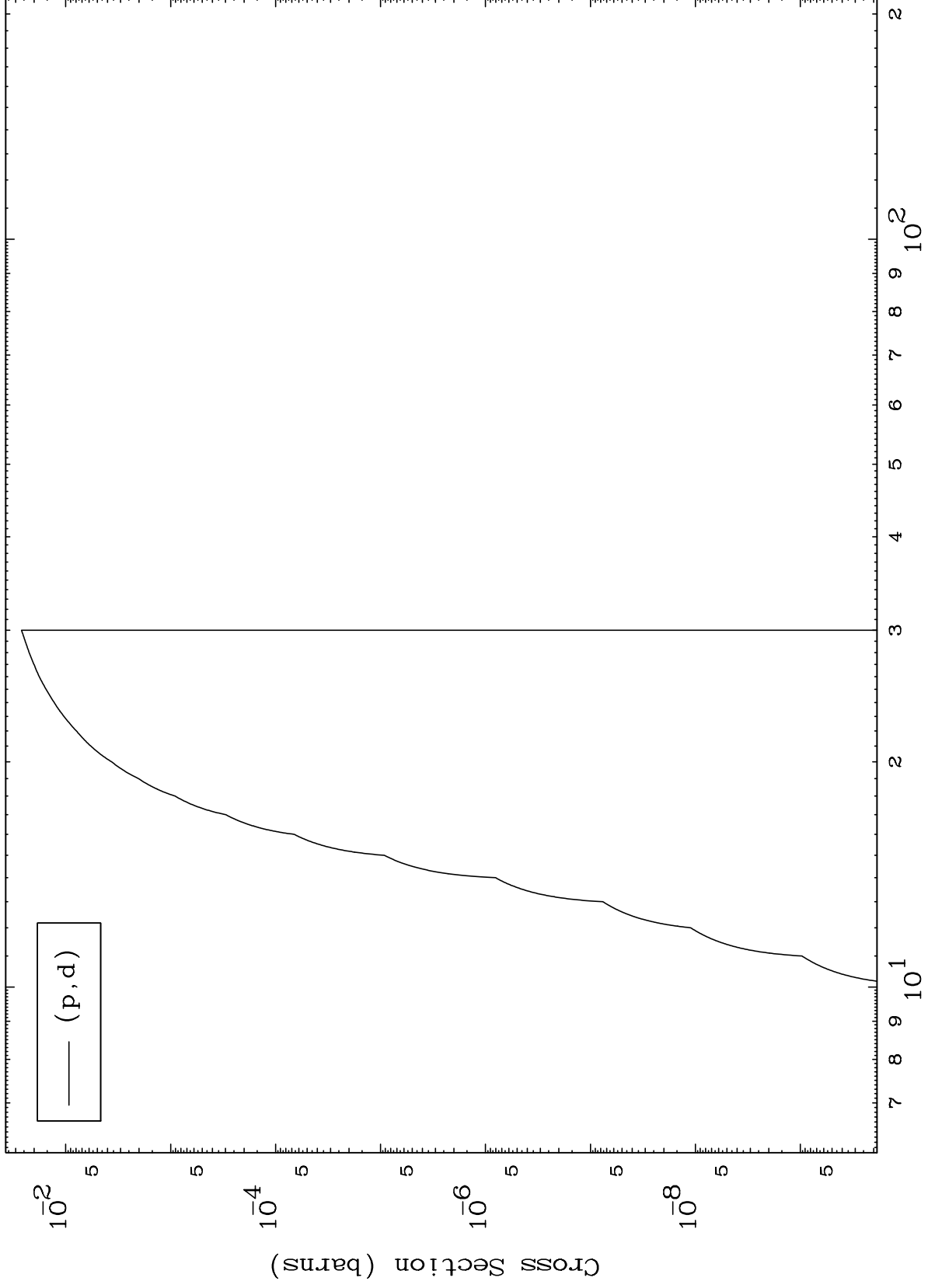
Incident Energy (MeV)

64-Gd-145

MAT 6405

(p,d) Levels
0 Kelvin Cross Sections

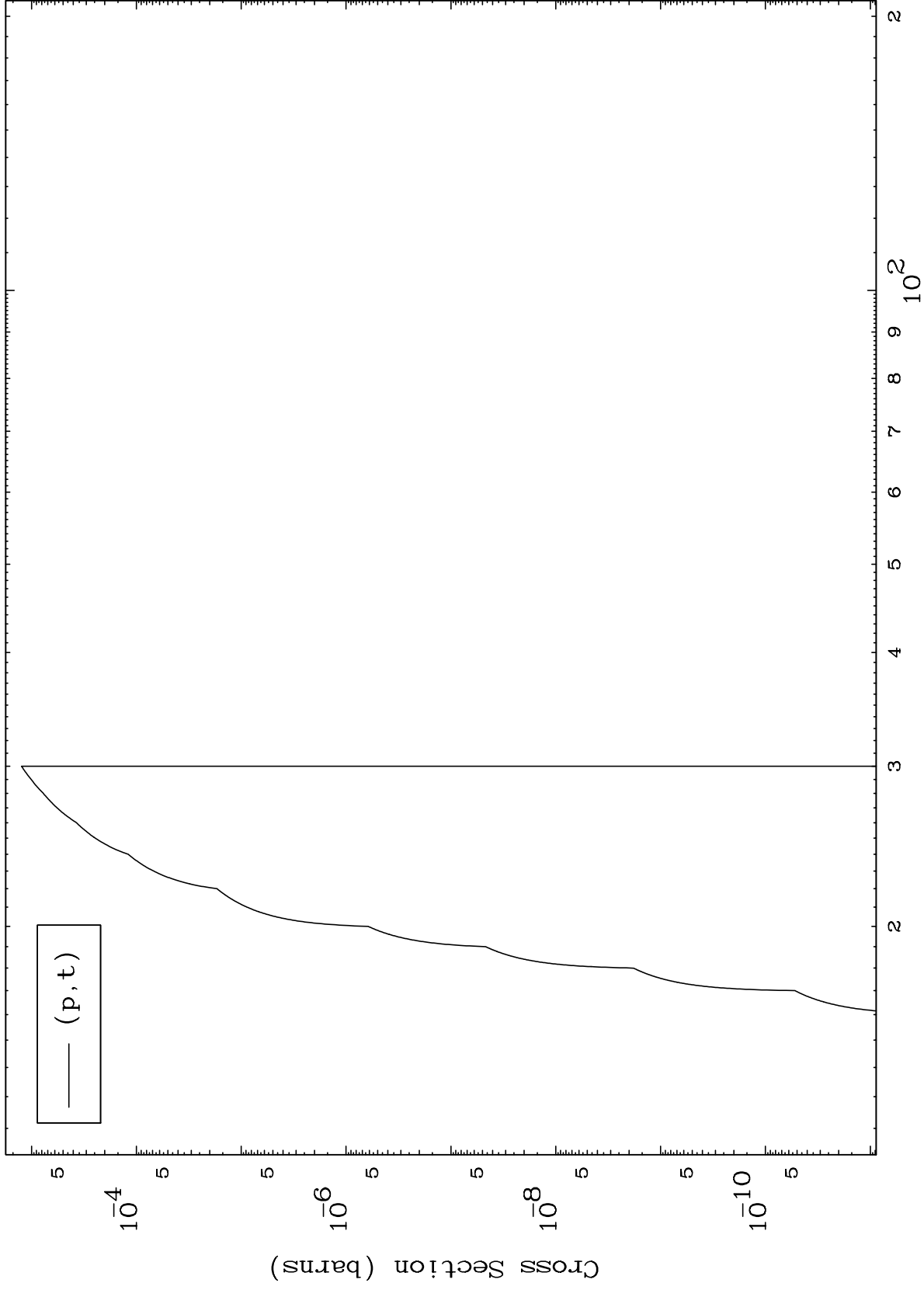
64-Gd-145



MAT 6405

(p,t) Levels
0 Kelvin Cross Sections

64-Gd-145



8

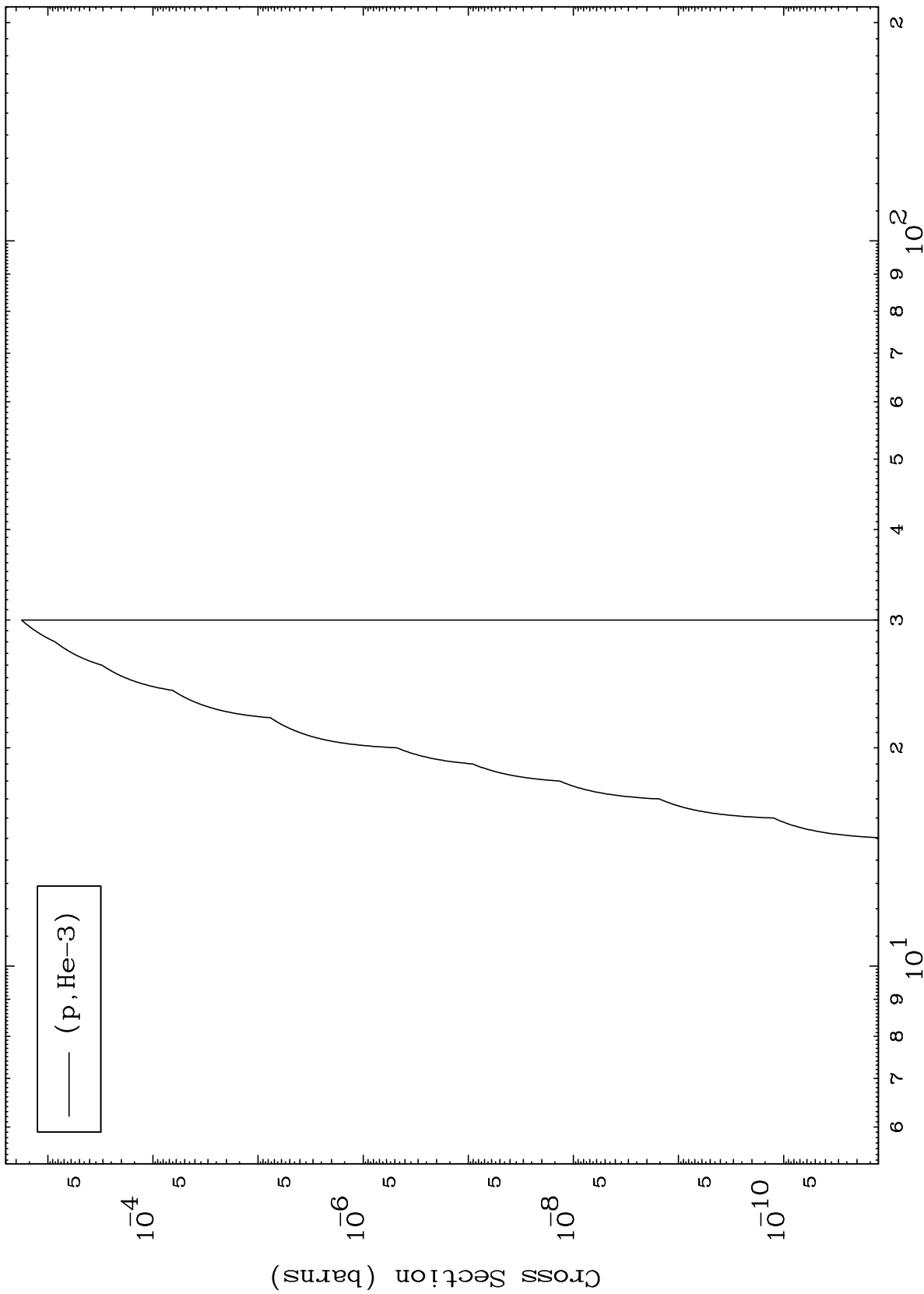
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

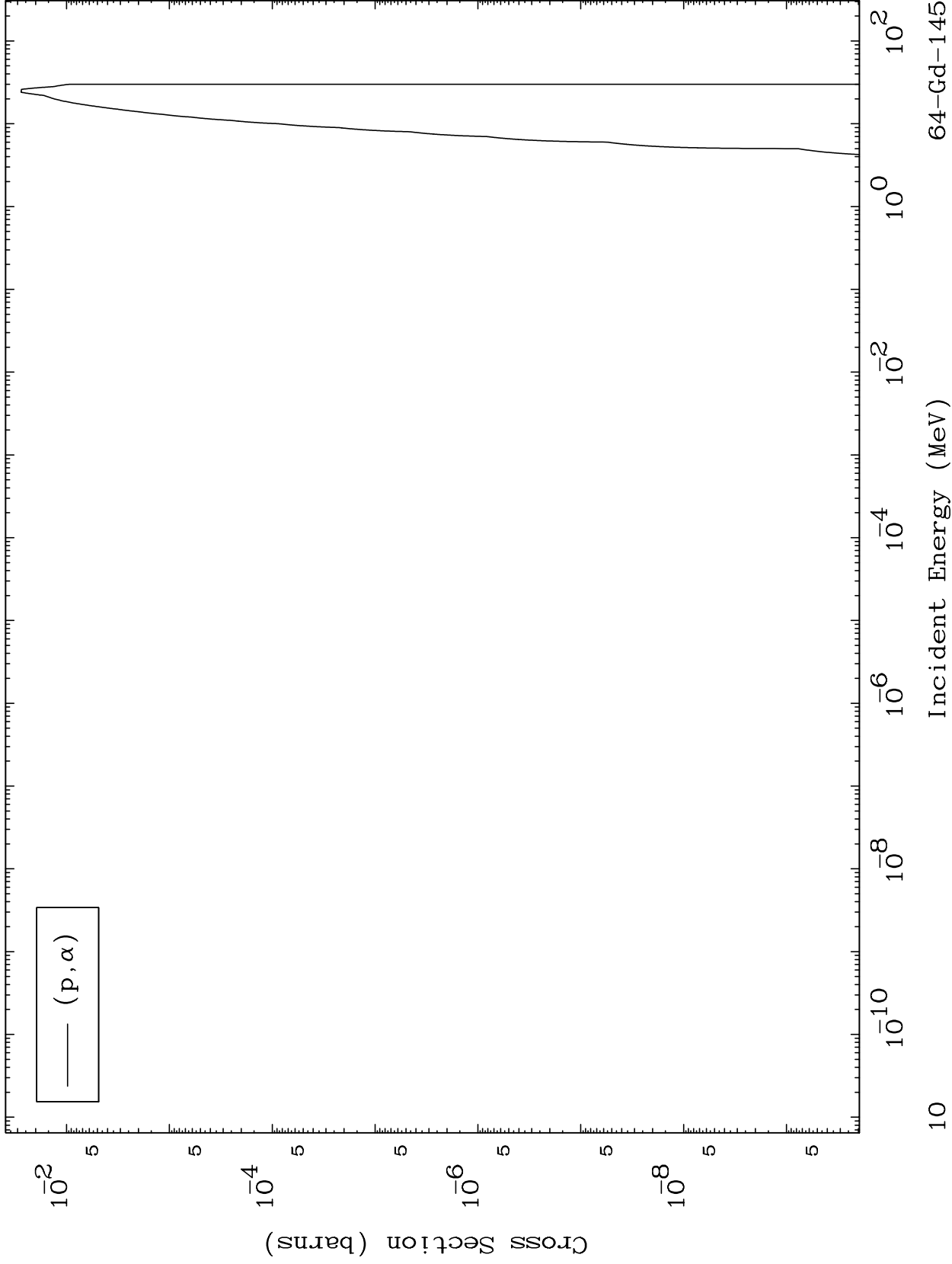
(p,He3) Levels
0 Kelvin Cross Sections



MAT 6405

(p, α) Levels
0 Kelvin Cross Sections

64-Gd-145



10

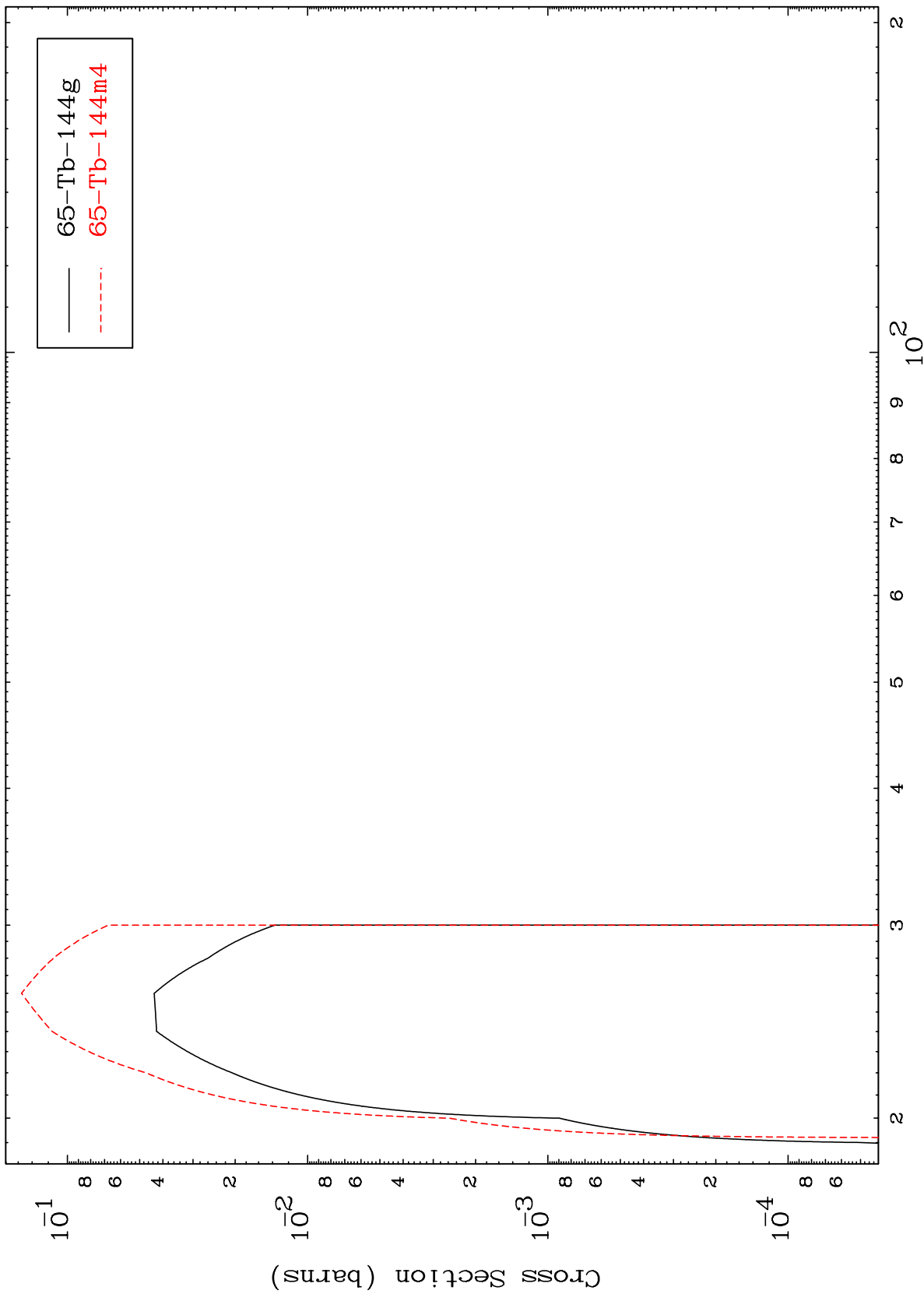
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(p,2n)
Radionuclide Production Cross Section



64-Gd-145

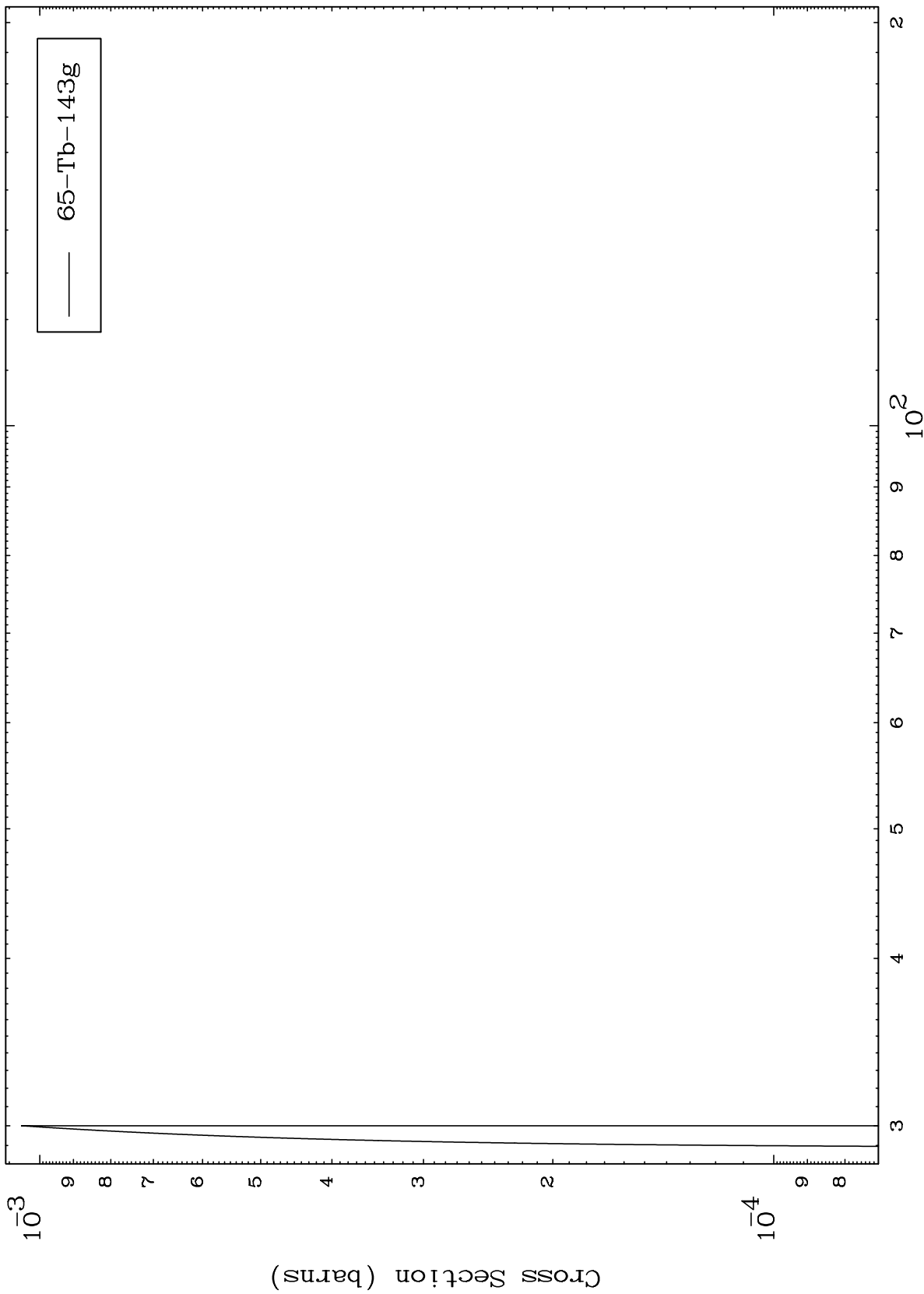
Incident Energy (MeV)

11

MAT 6405

64-Gd-145

(p,3n)
Radionuclide Production Cross Section



64-Gd-145

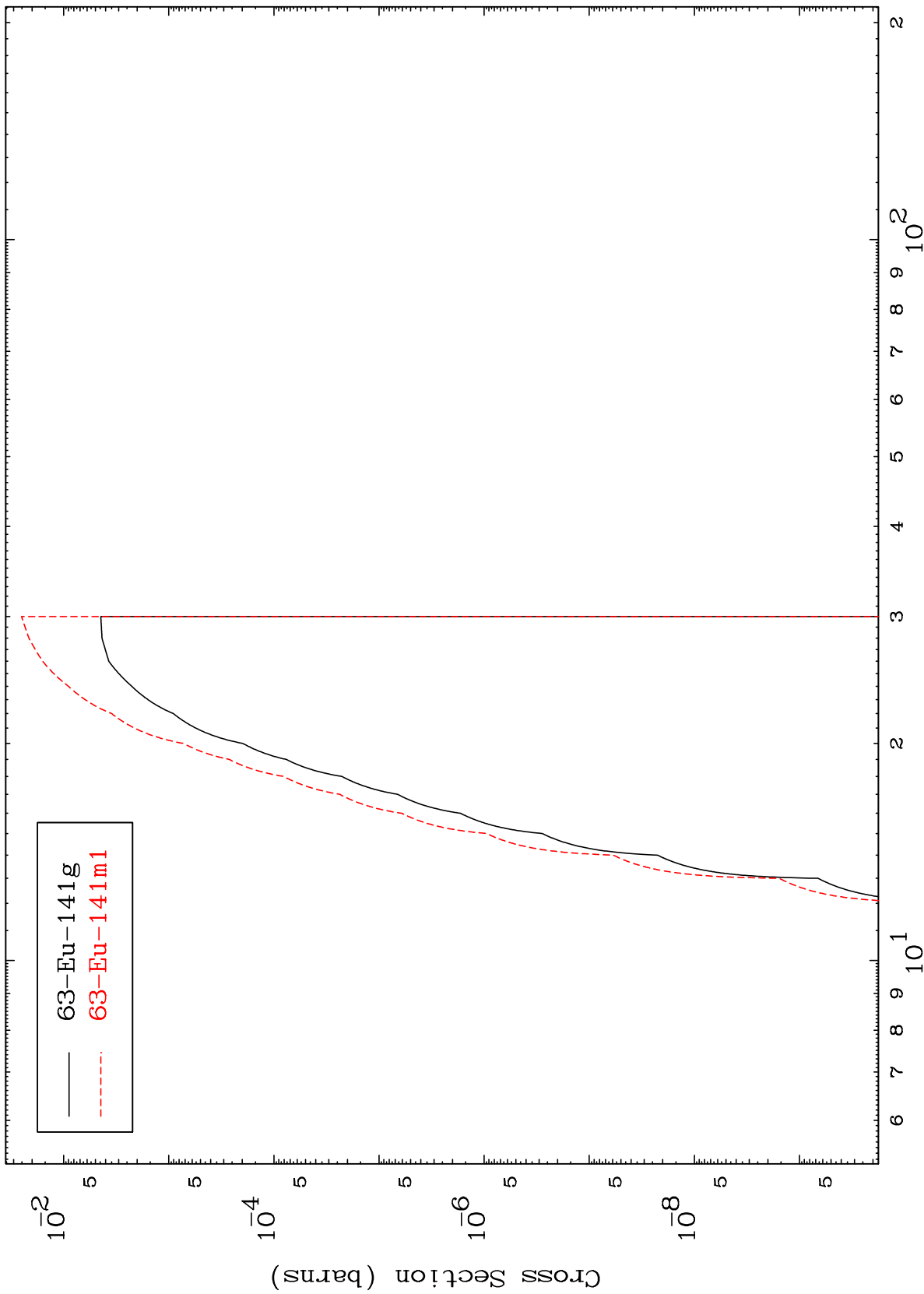
Incident Energy (MeV)

12

MAT 6405

64-Gd-145

(p,n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

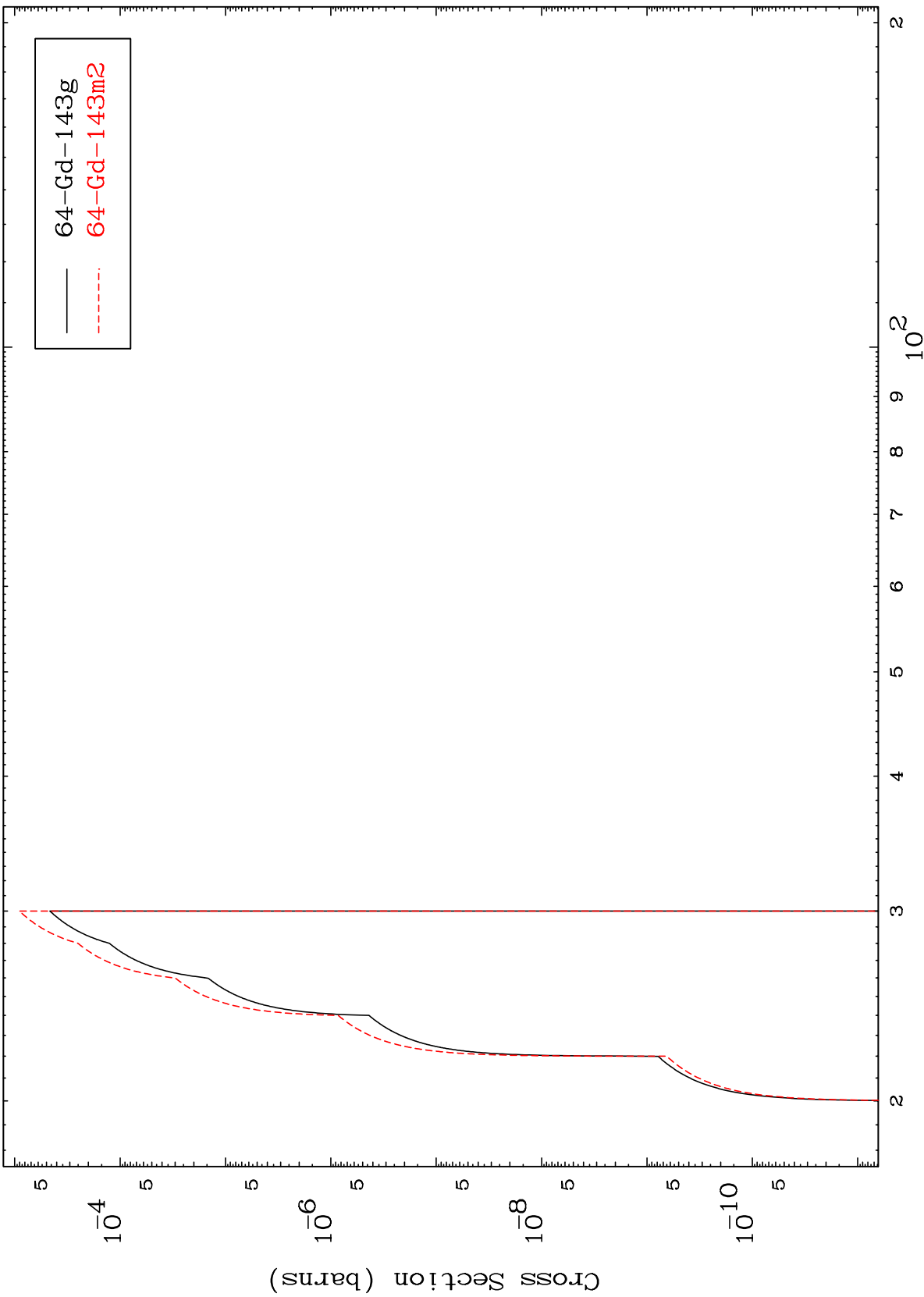
64-Gd-145

MAT 6405

(p,n') d

64-Gd-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

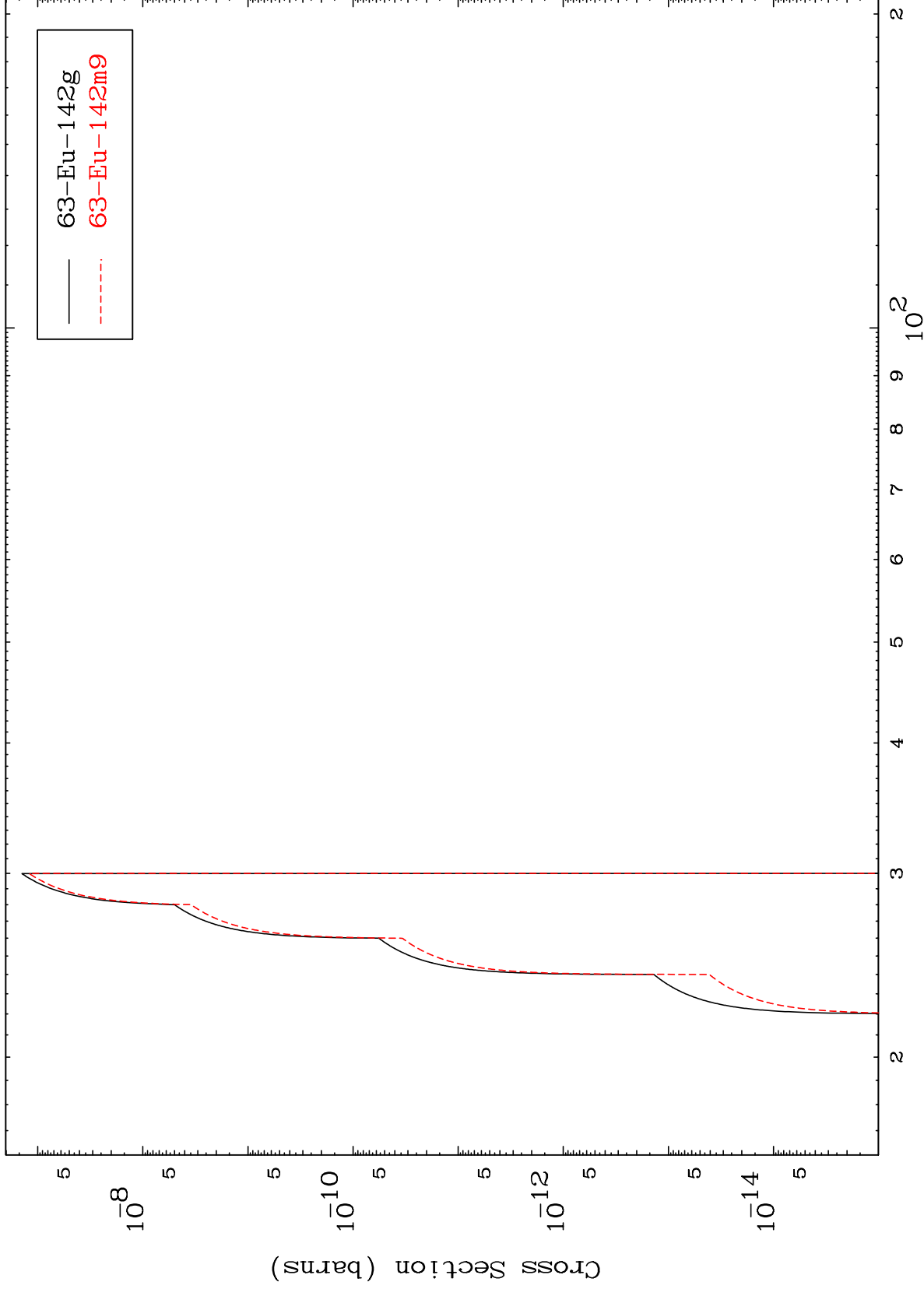
64-Gd-145

MAT 6405

(p,n') He-3

64-Gd-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

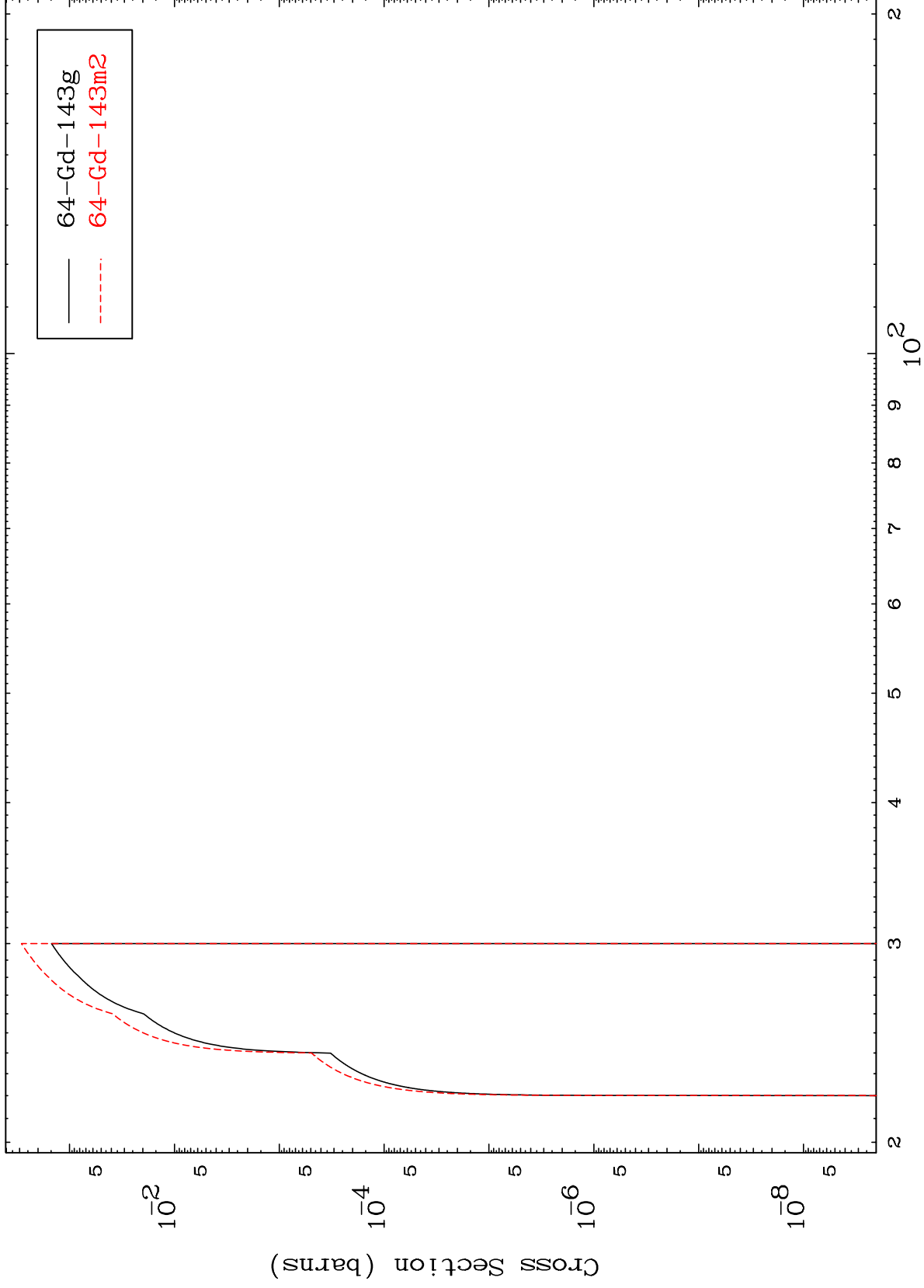
64-Gd-145

MAT 6405

(p,2n) p

64-Gd-145

Radionuclide Production Cross Section



16

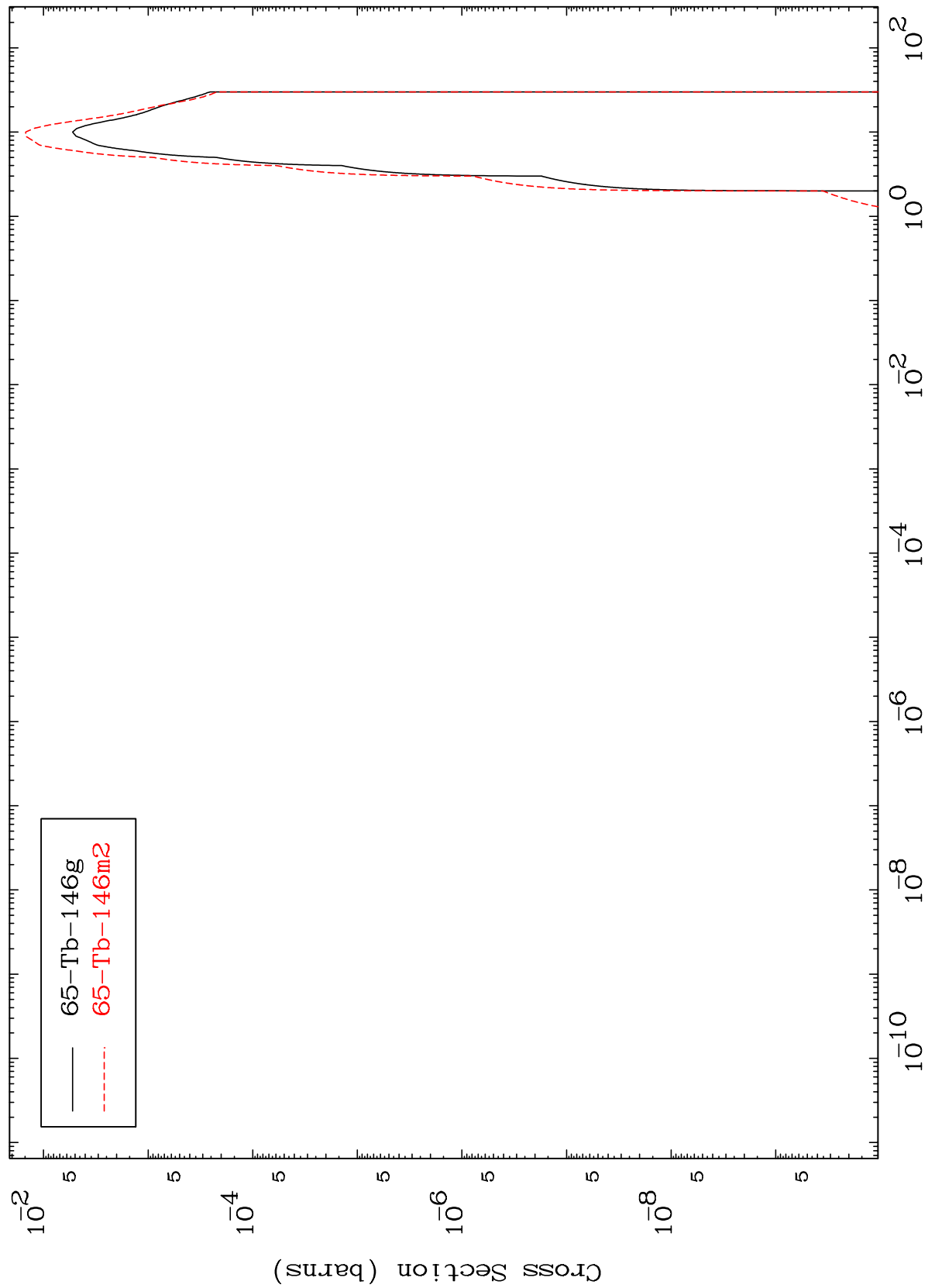
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(p, γ)
Radionuclide Production Cross Section

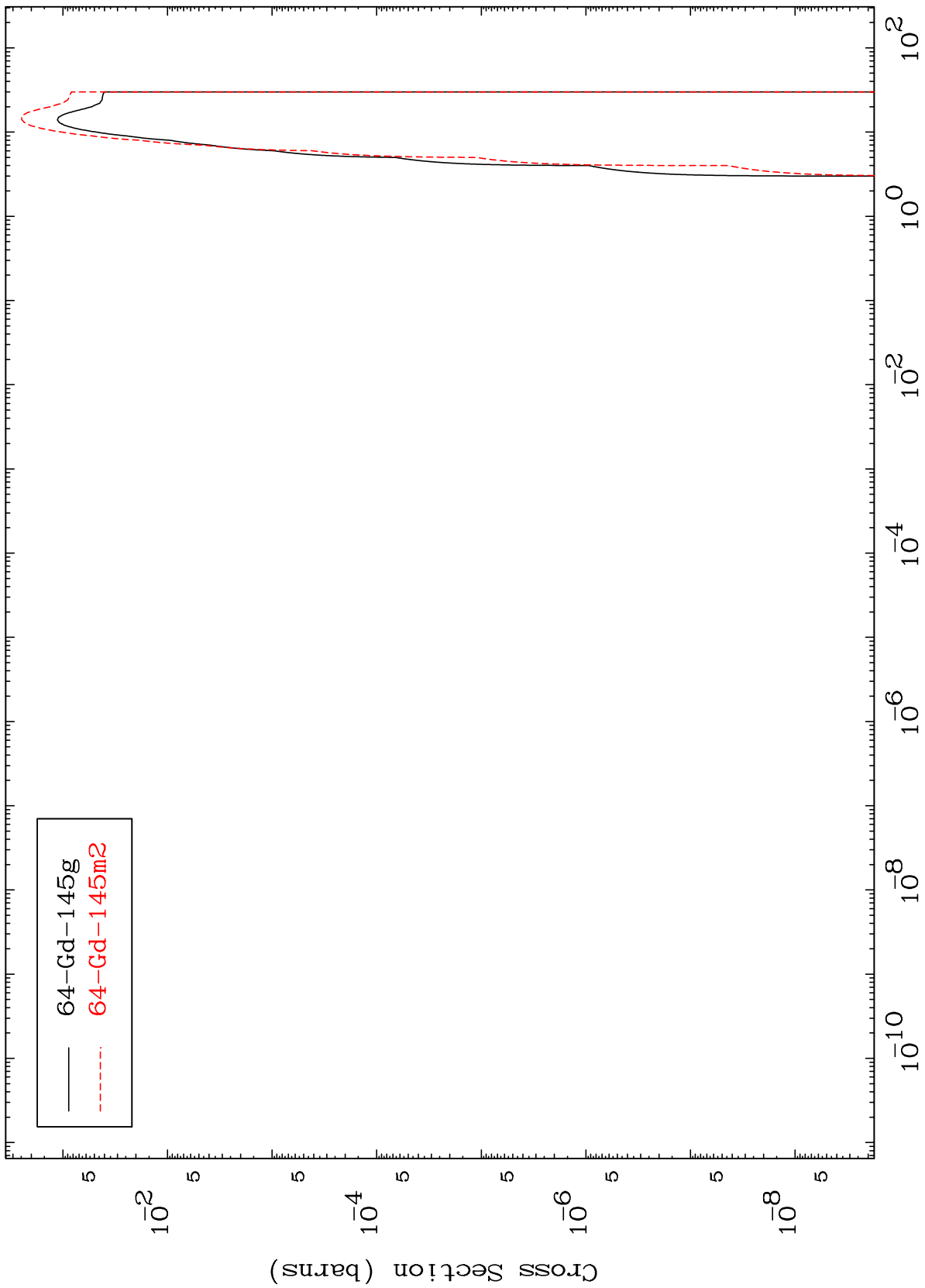


— 65-Tb-146g
- - - 65-Tb-146m2

MAT 6405

64-Gd-145

(p,p)
Radionuclide Production Cross Section



18

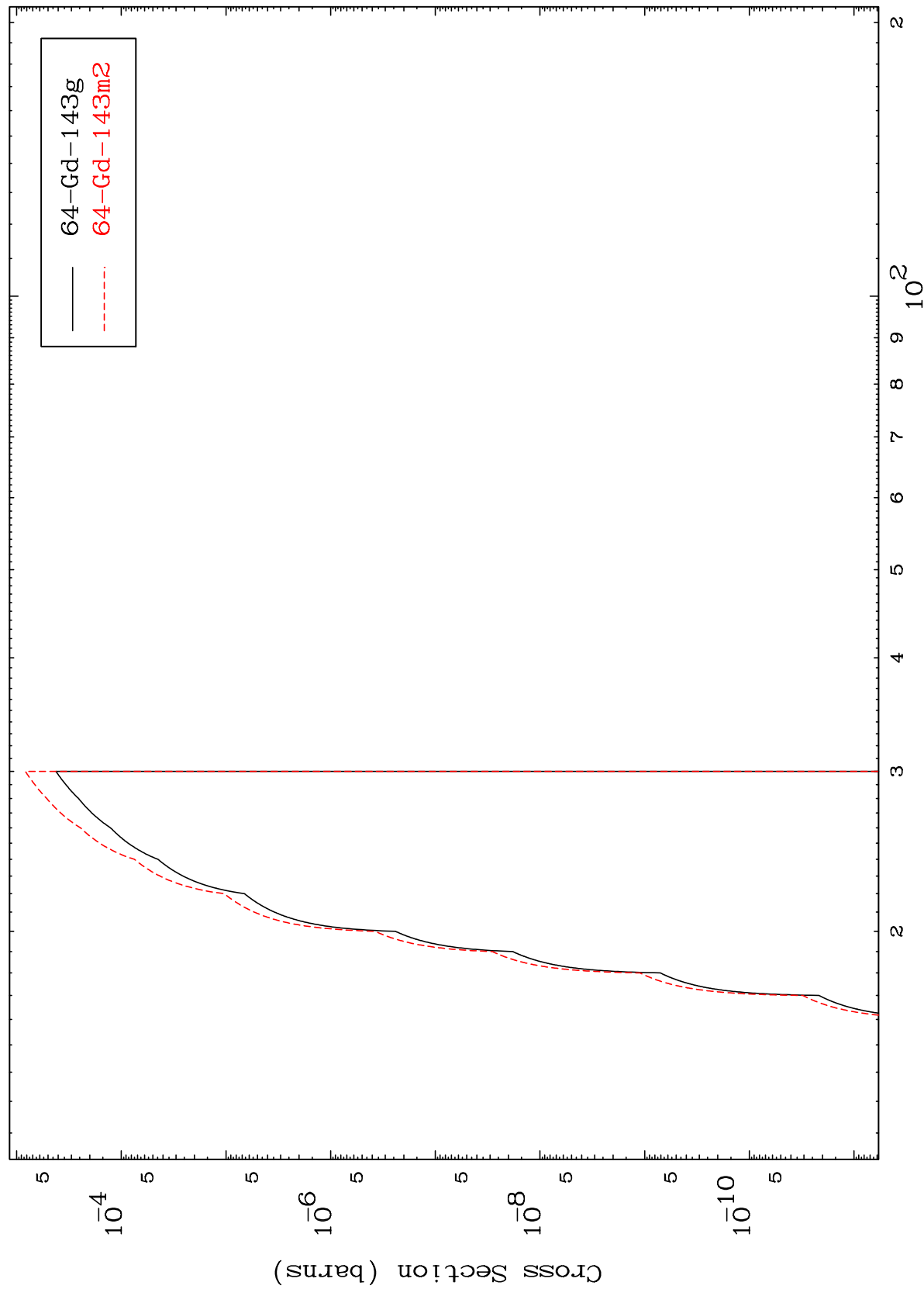
64-Gd-145

Incident Energy (MeV)

MAT 6405

64-Gd-145

(p, t)
Radionuclide Production Cross Section



19

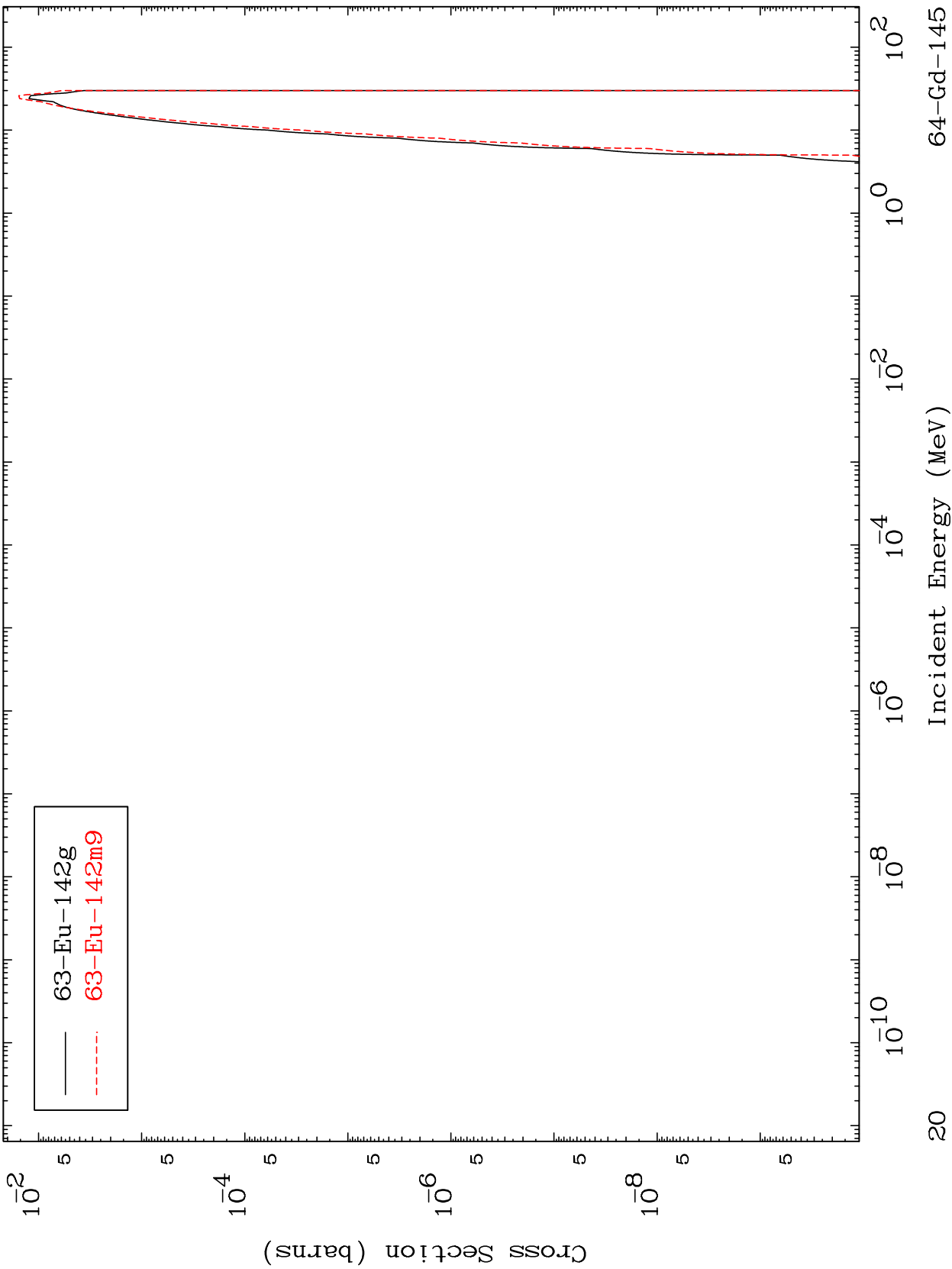
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(p, α)
Radionuclide Production Cross Section



20

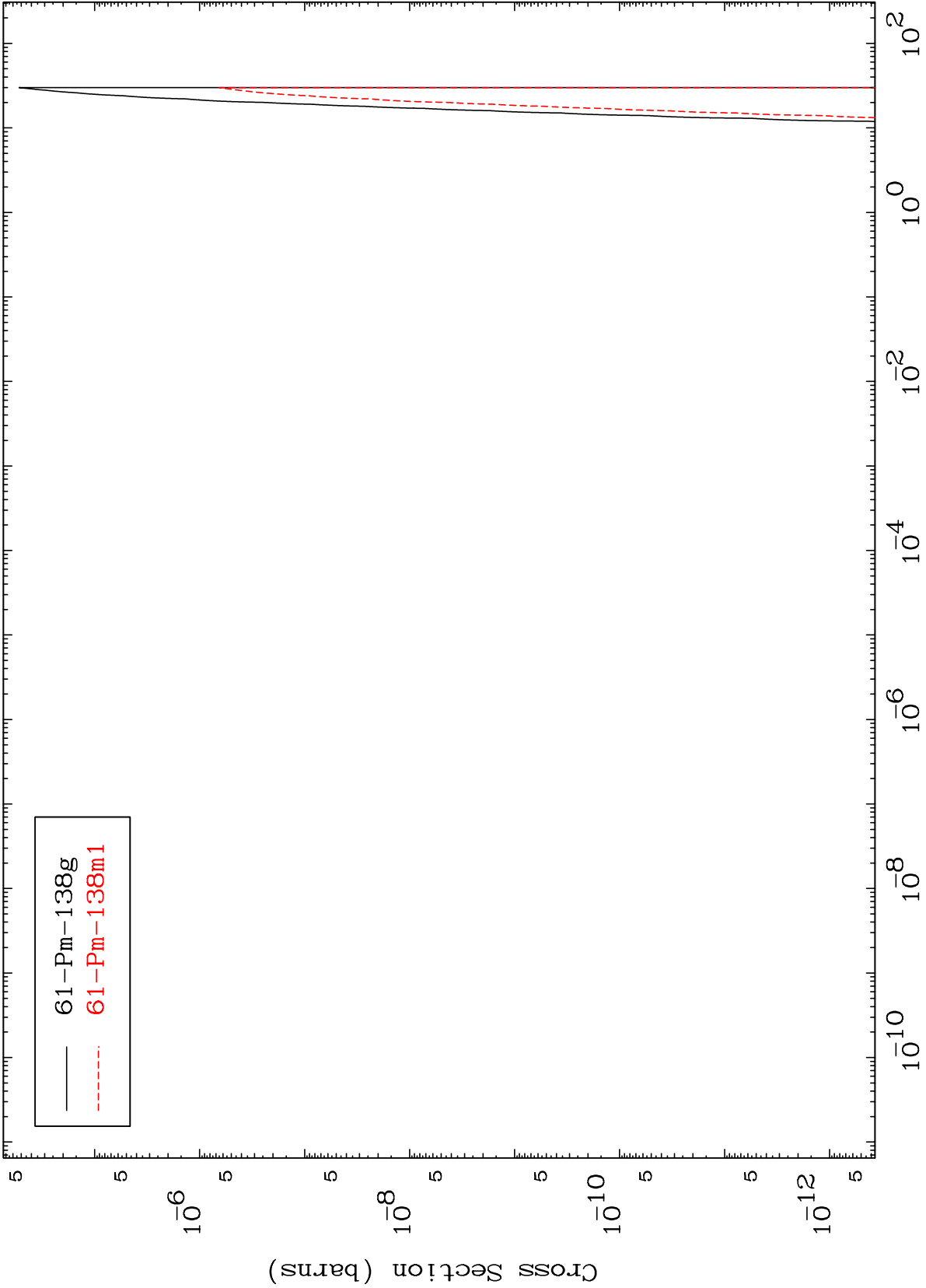
64-Gd-145

MAT 6405

(p,2 α)

64-Gd-145

Radionuclide Production Cross Section



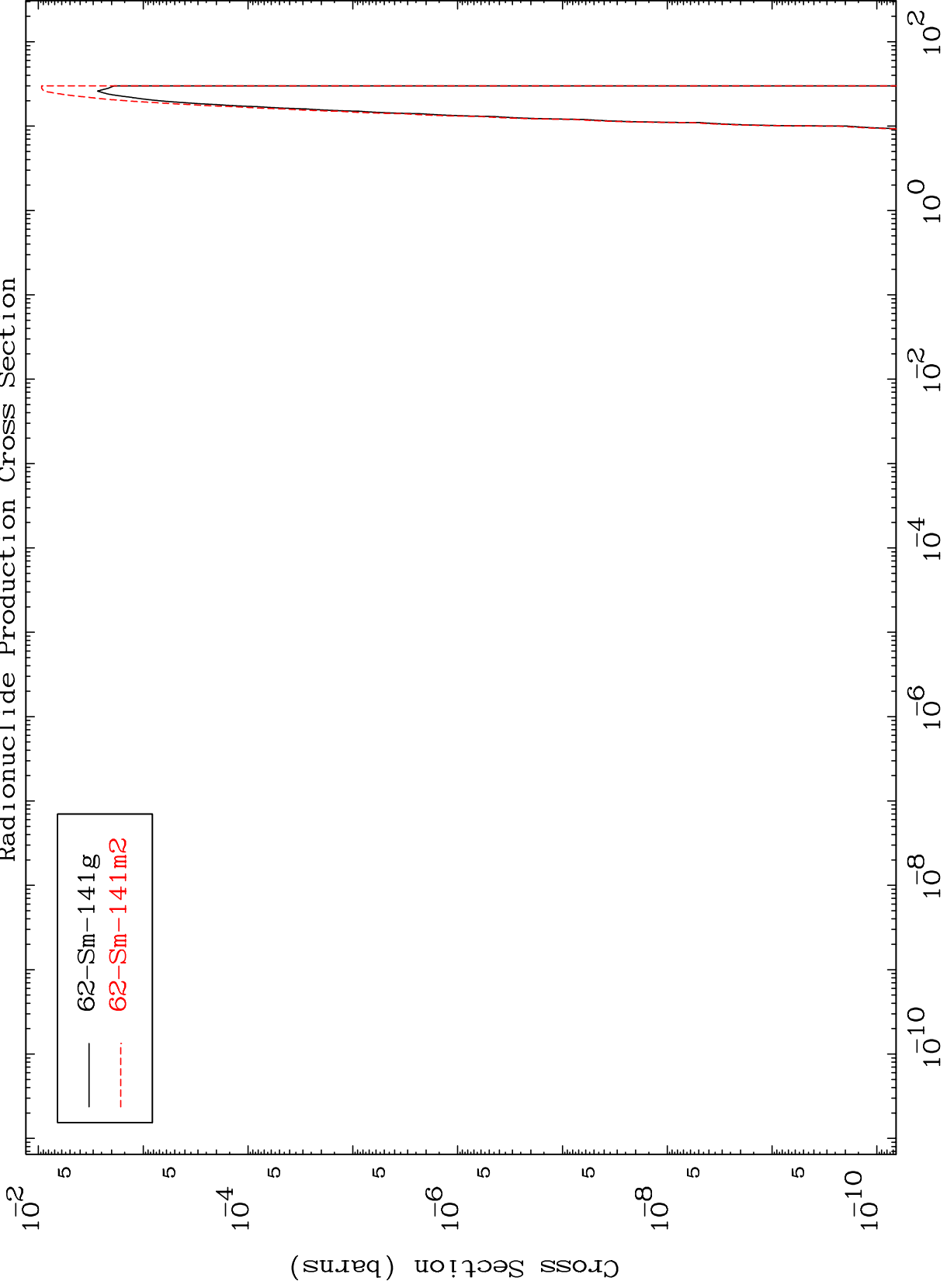
61-Pm-138g
61-Pm-138m1

MAT 6405

(p,p) α

64-Gd-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

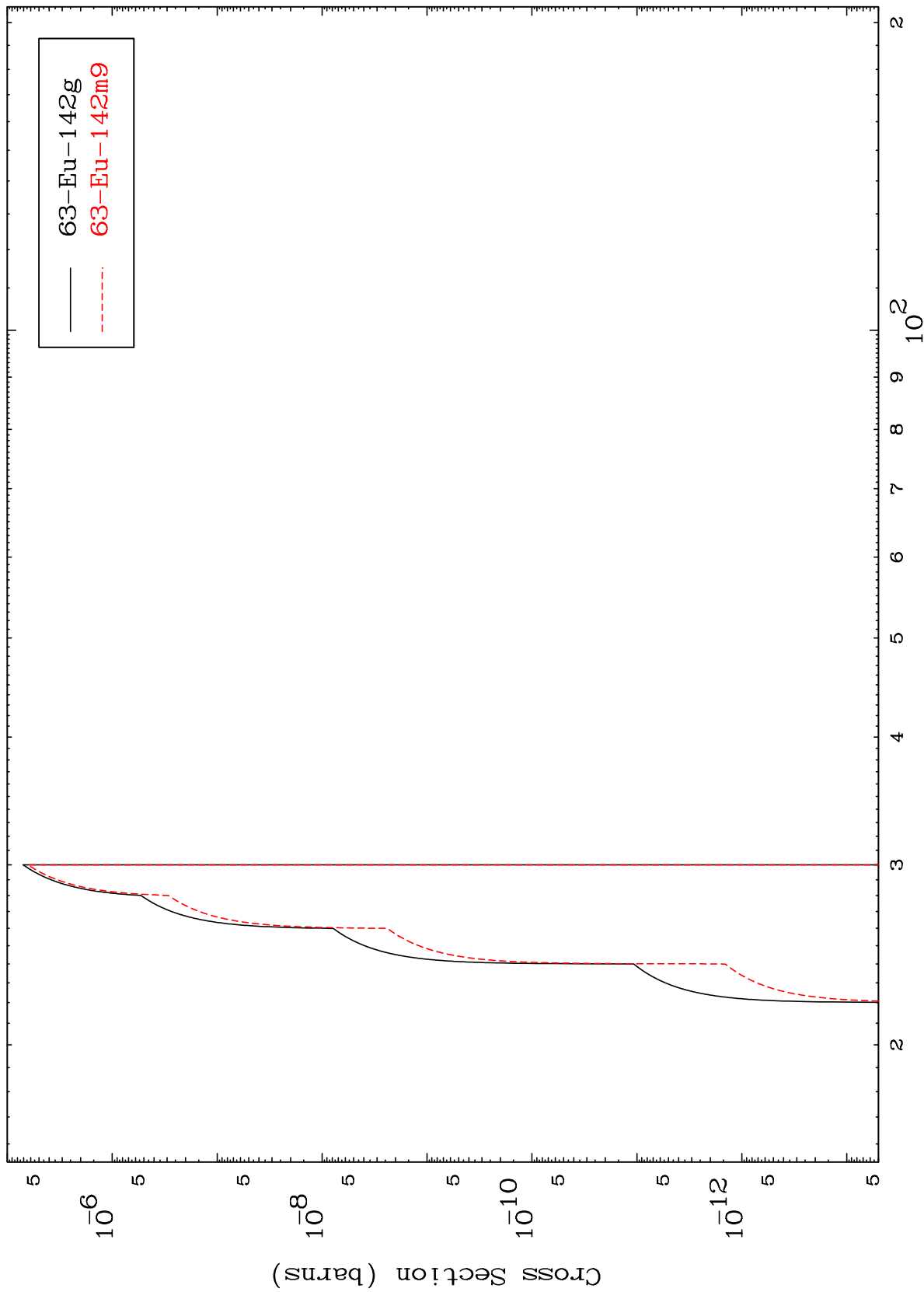
64-Gd-145

MAT 6405

(p,p) t

64-Gd-145

Radionuclide Production Cross Section



23

Incident Energy (MeV)

64-Gd-145