

Program EVALPLOT
(Version 2018-1)

by

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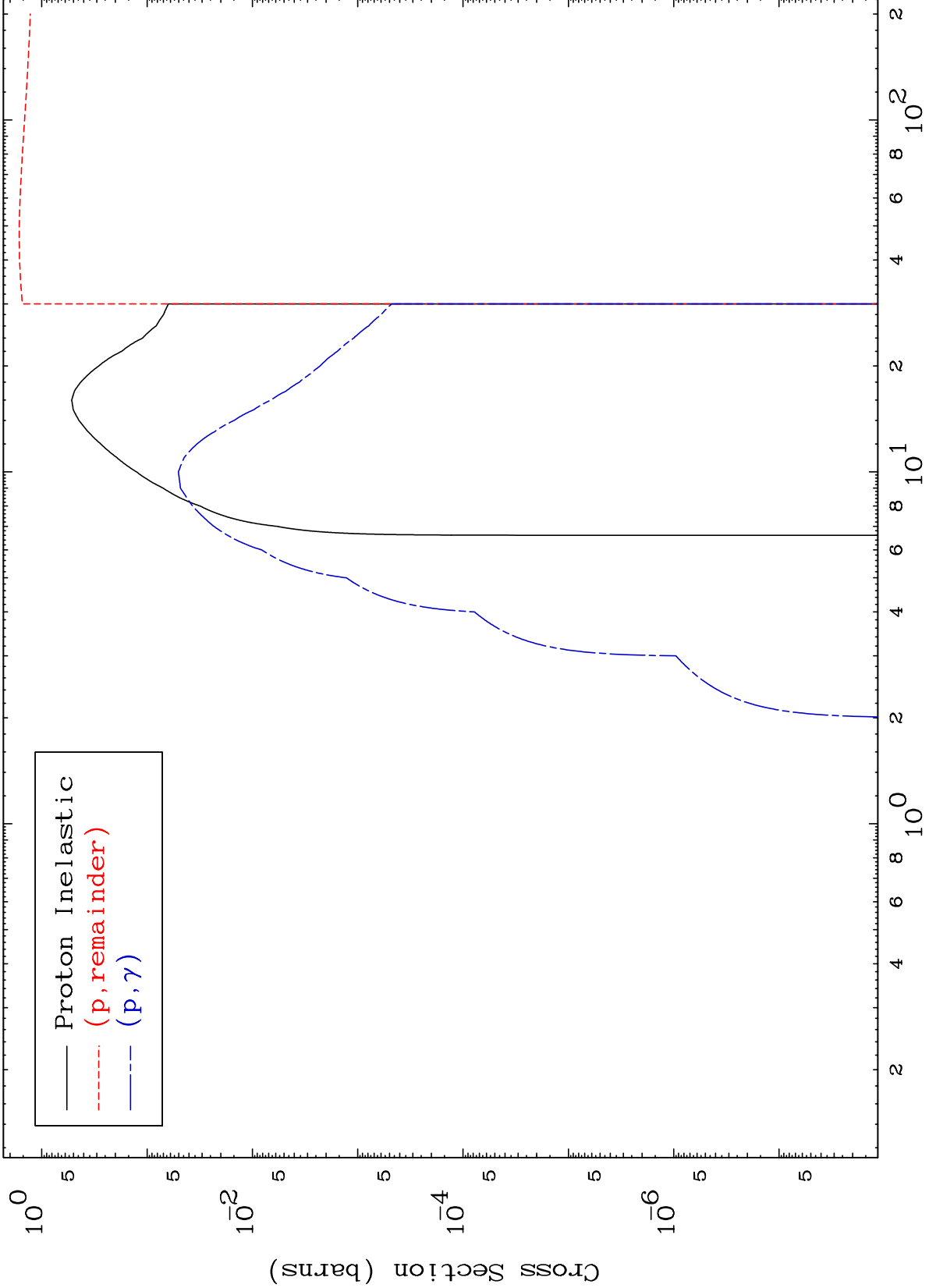
Press Mouse Button to Start

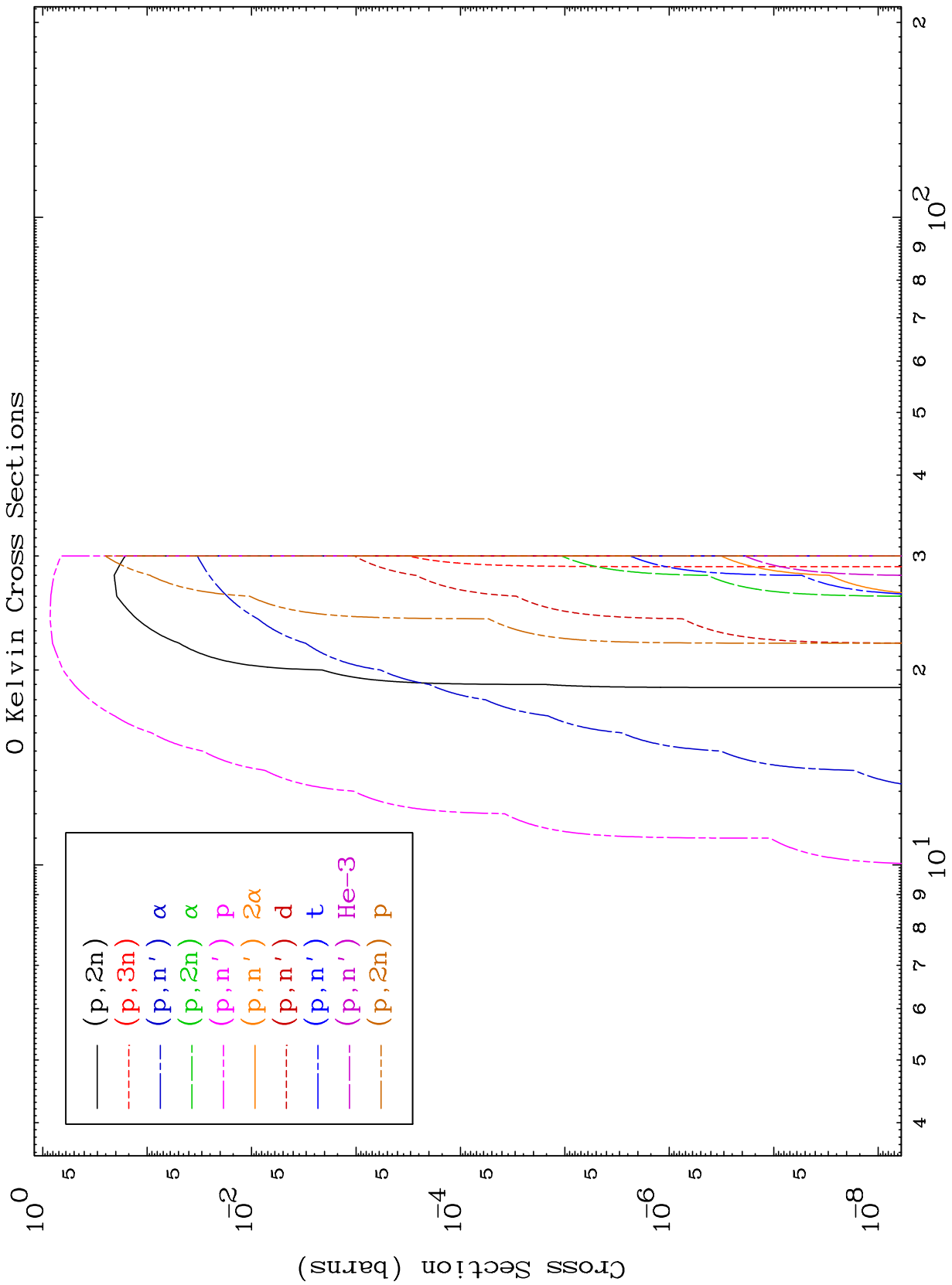
MAT 6405

Proton Major

64-Gd-145

0 Kelvin Cross Sections

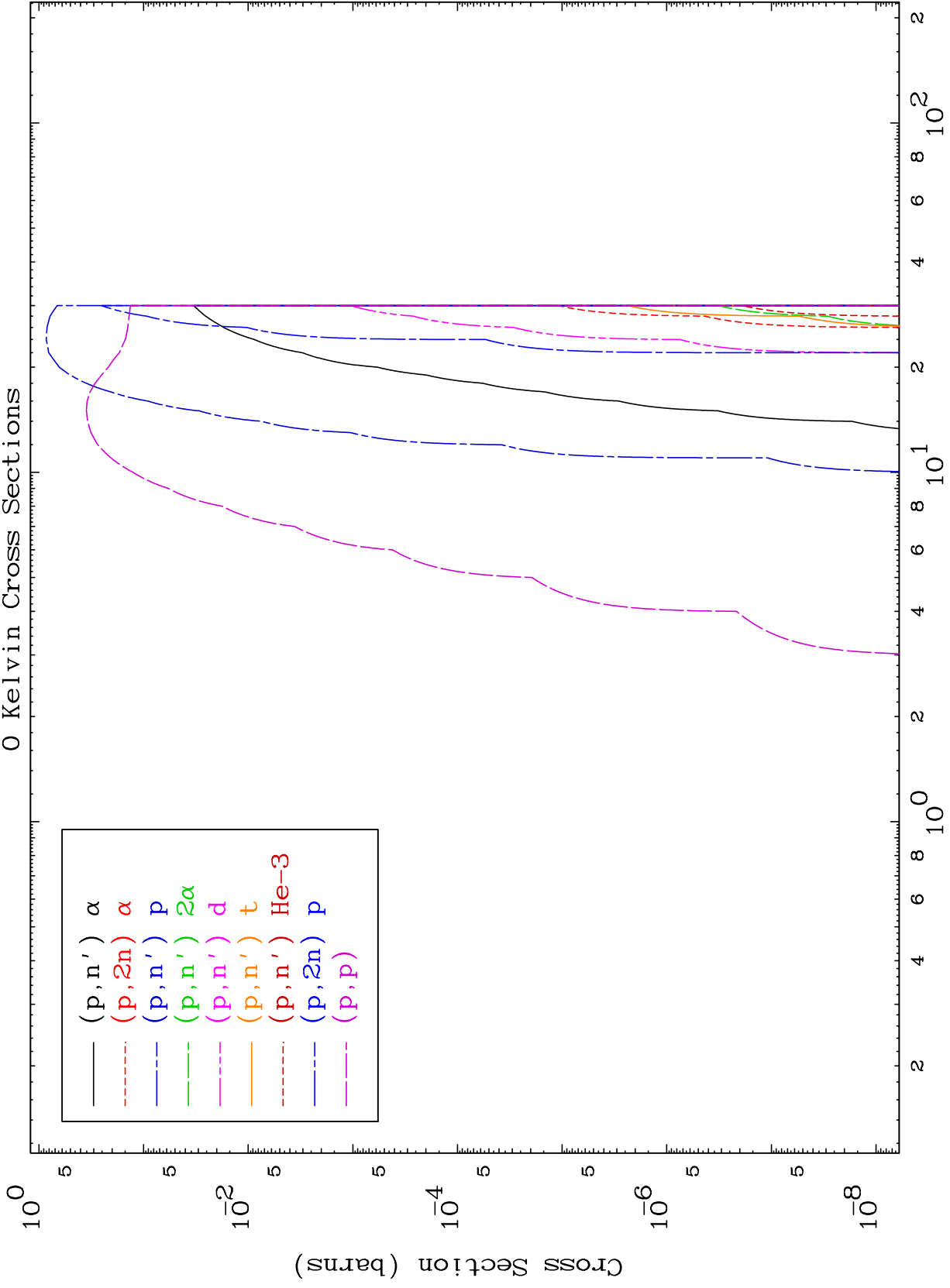




MAT 6405

Proton Charged Particle
0 Kelvin Cross Sections

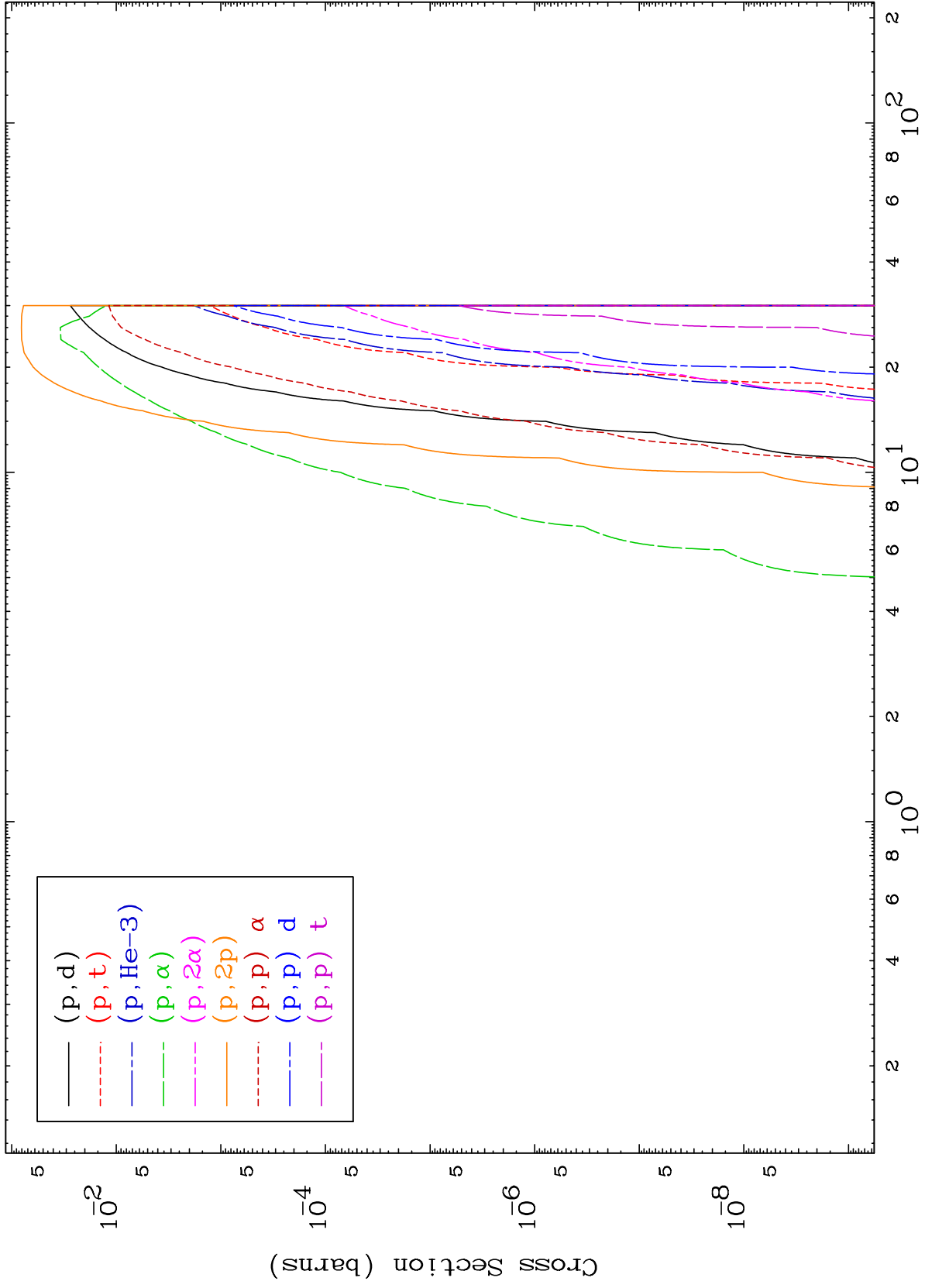
64-Gd-145



MAT 6405

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-145

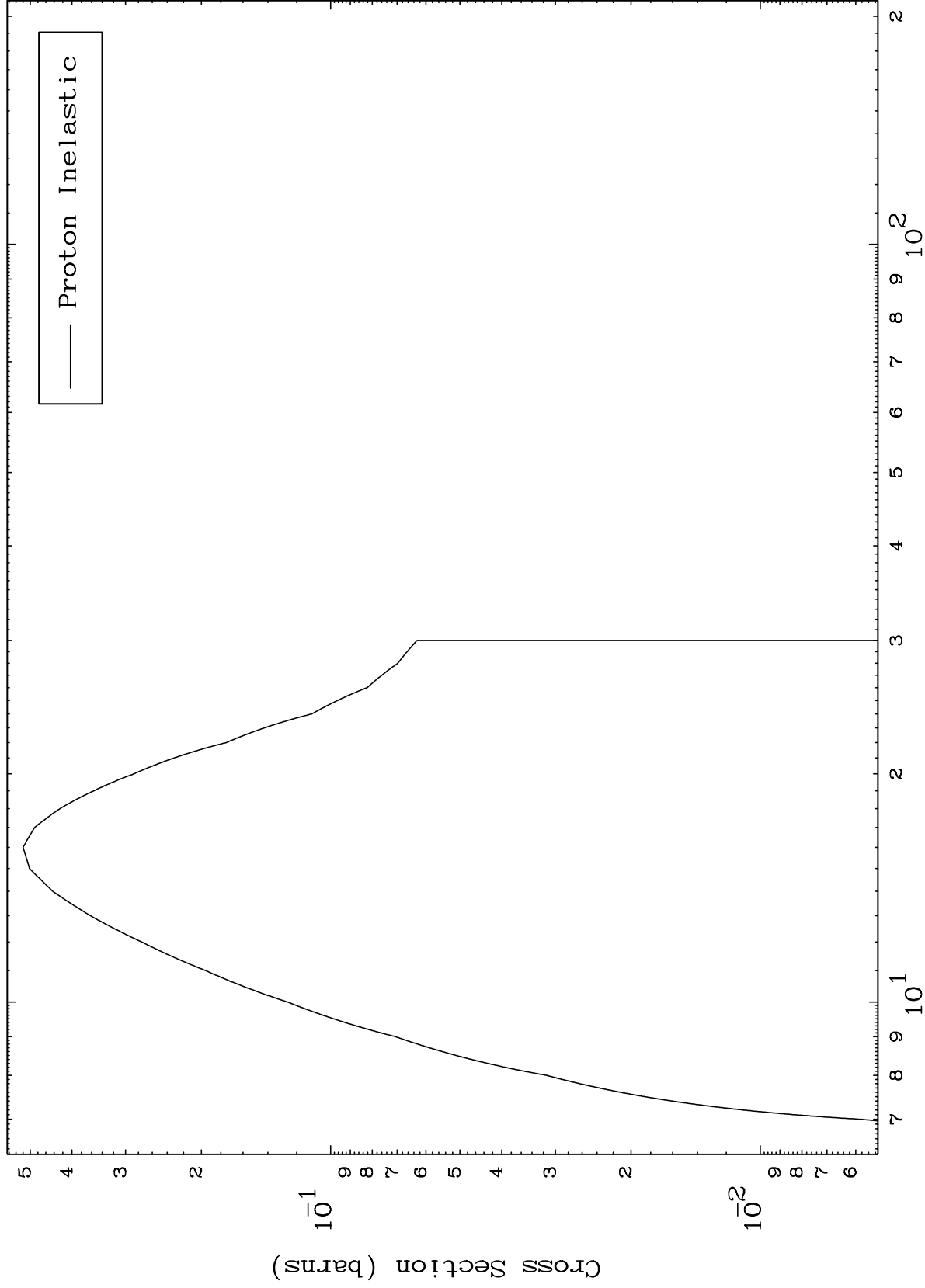


MAT 6405

(p,n') Level

64-Gd-145

0 Kelvin Cross Sections



5

Incident Energy (MeV)

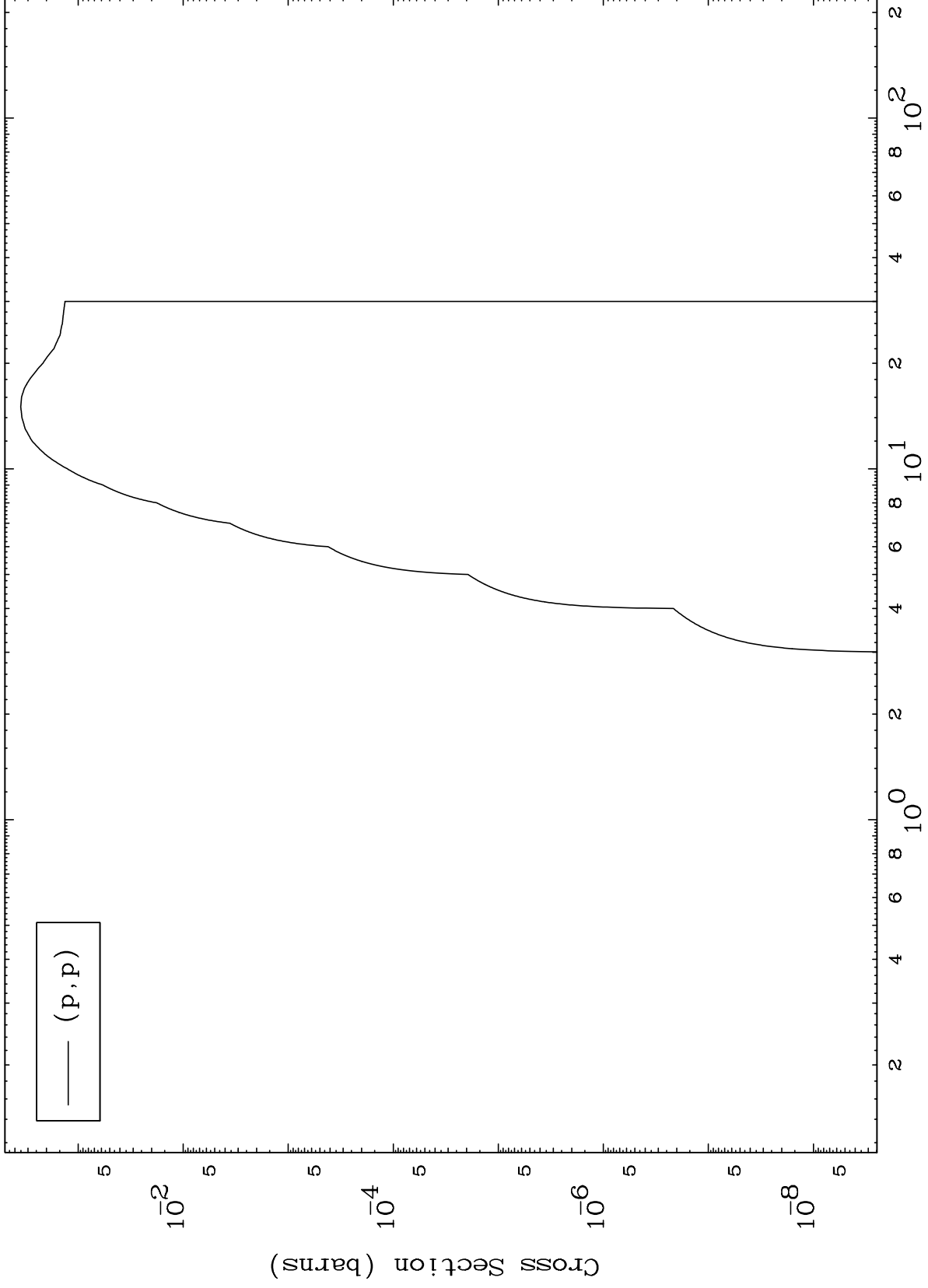
64-Gd-145

MAT 6405

(p,p) Levels

64-Gd-145

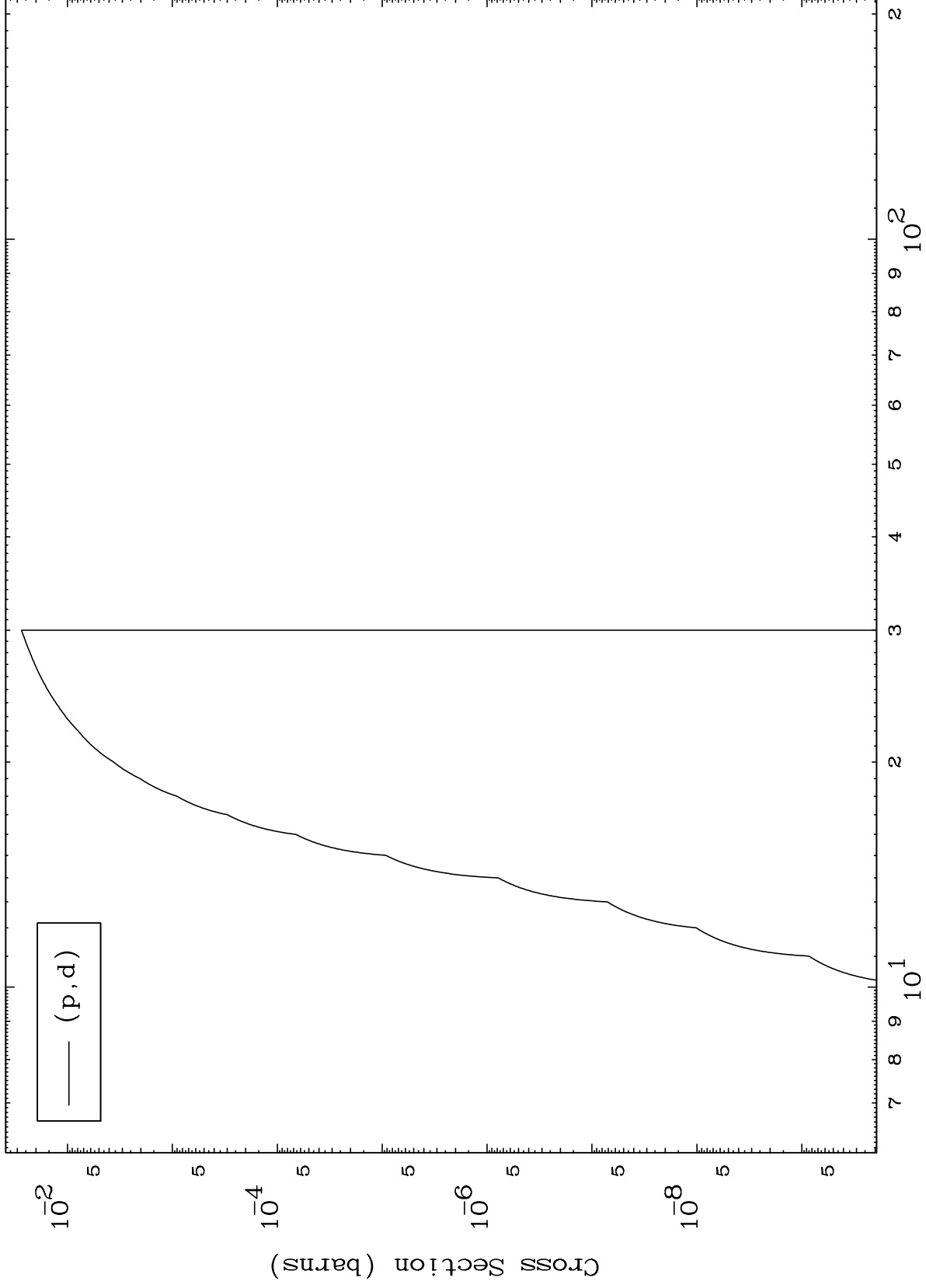
0 Kelvin Cross Sections



MAT 6405

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-145



7

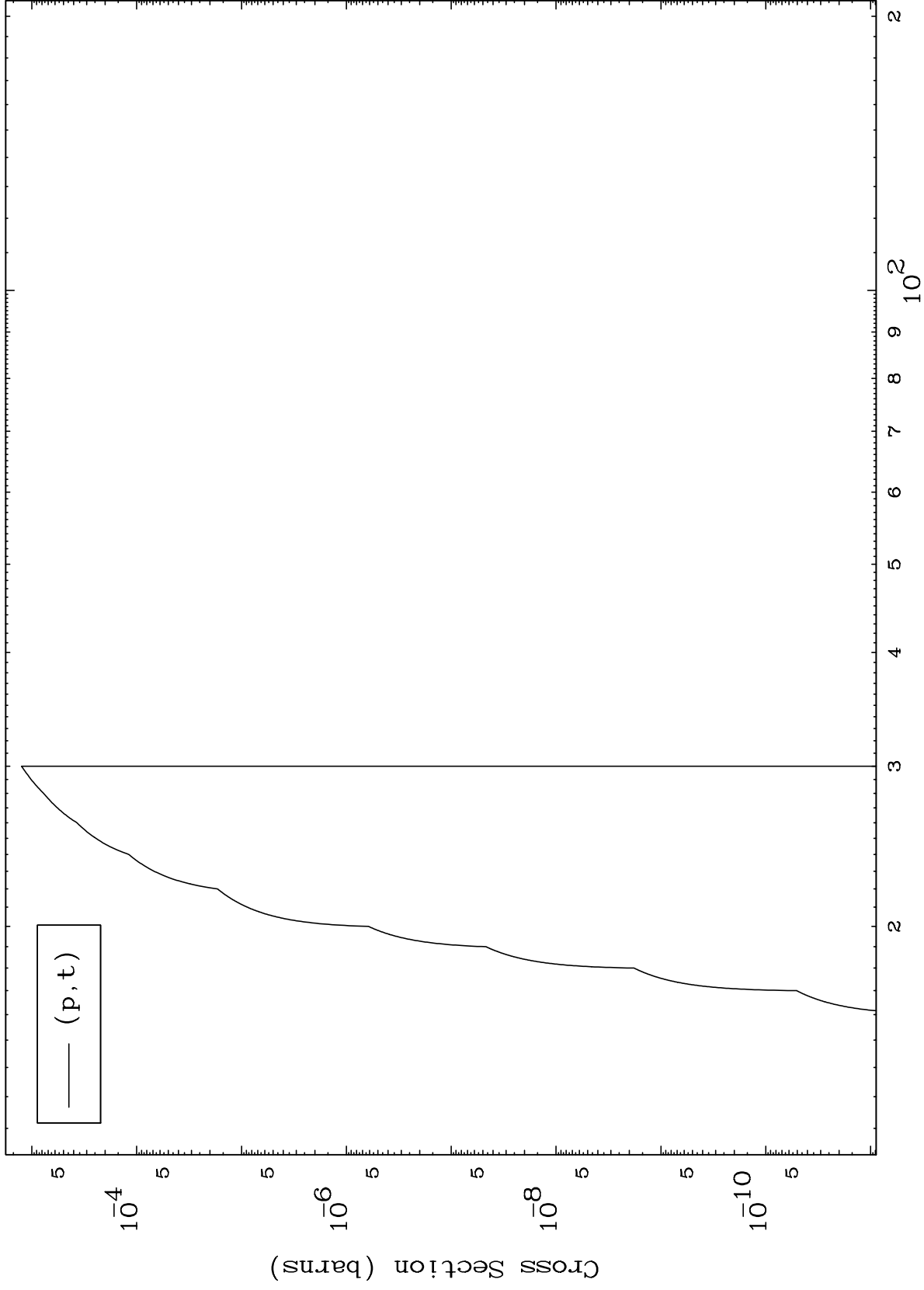
Incident Energy (MeV)

64-Gd-145

MAT 6405

(p,t) Levels
0 Kelvin Cross Sections

64-Gd-145



8

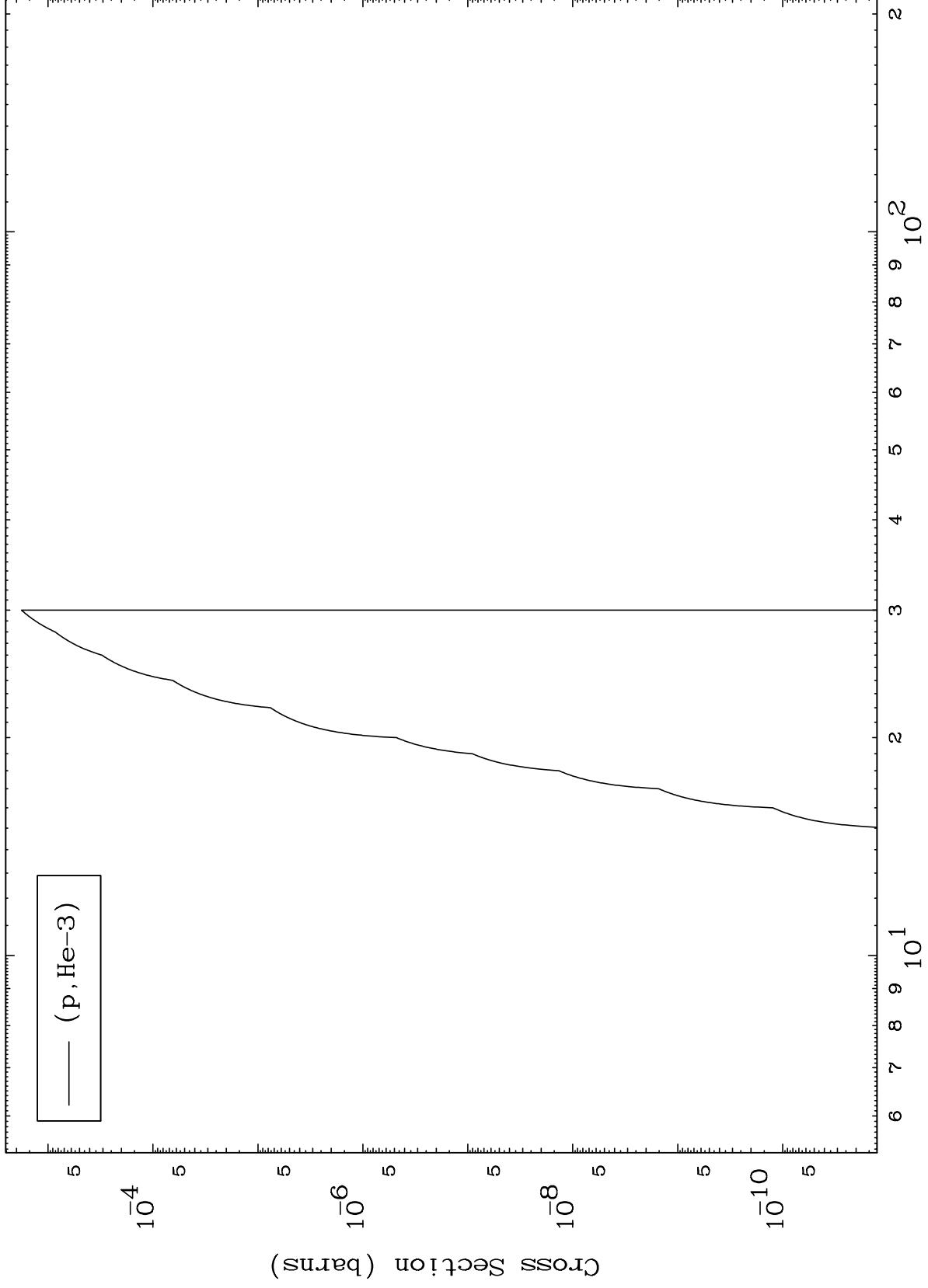
Incident Energy (MeV)

64-Gd-145

MAT 6405

(p,He3) Levels
0 Kelvin Cross Sections

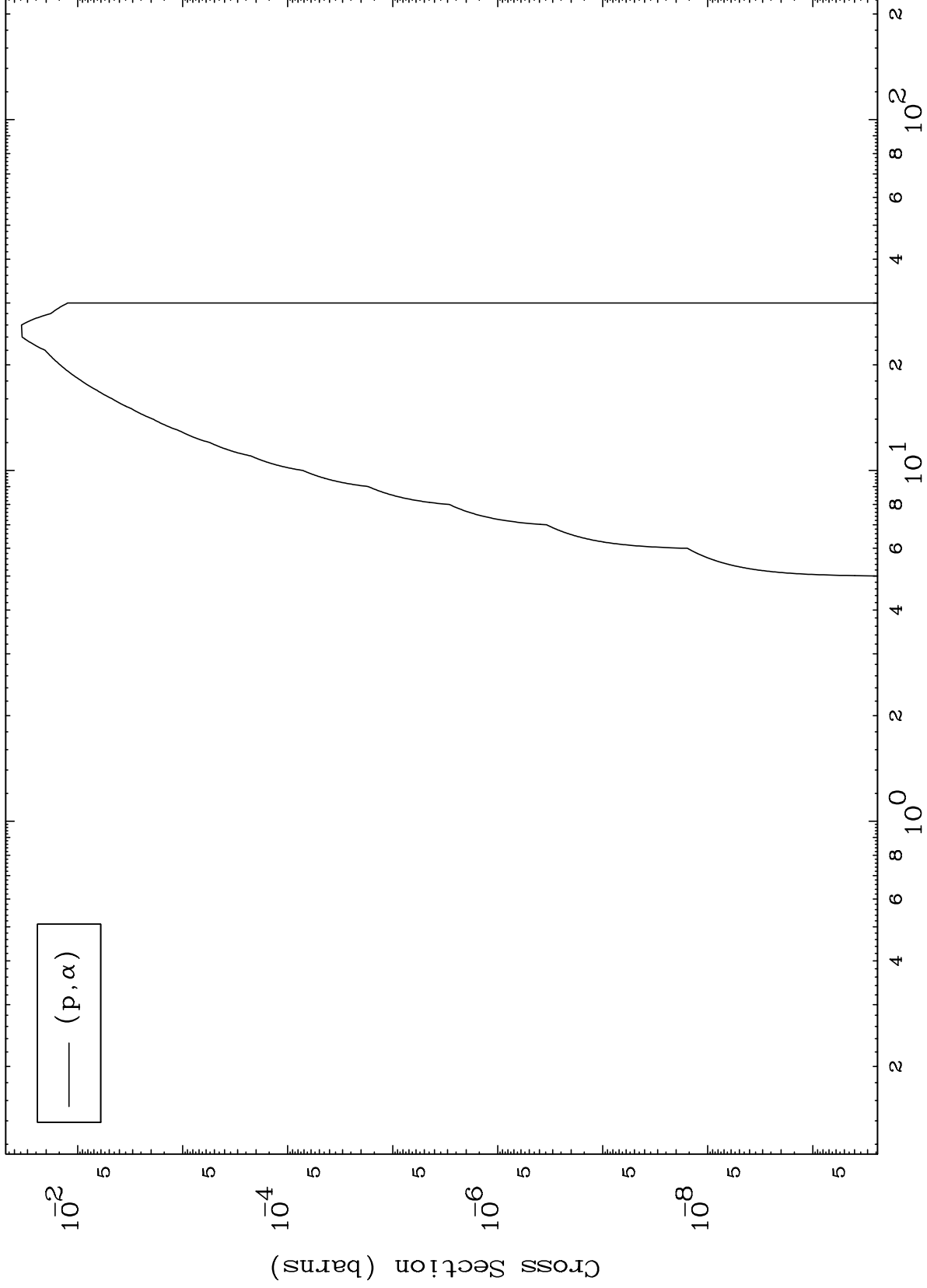
64-Gd-145



MAT 6405

(p, α) Levels
0 Kelvin Cross Sections

64-Gd-145



10

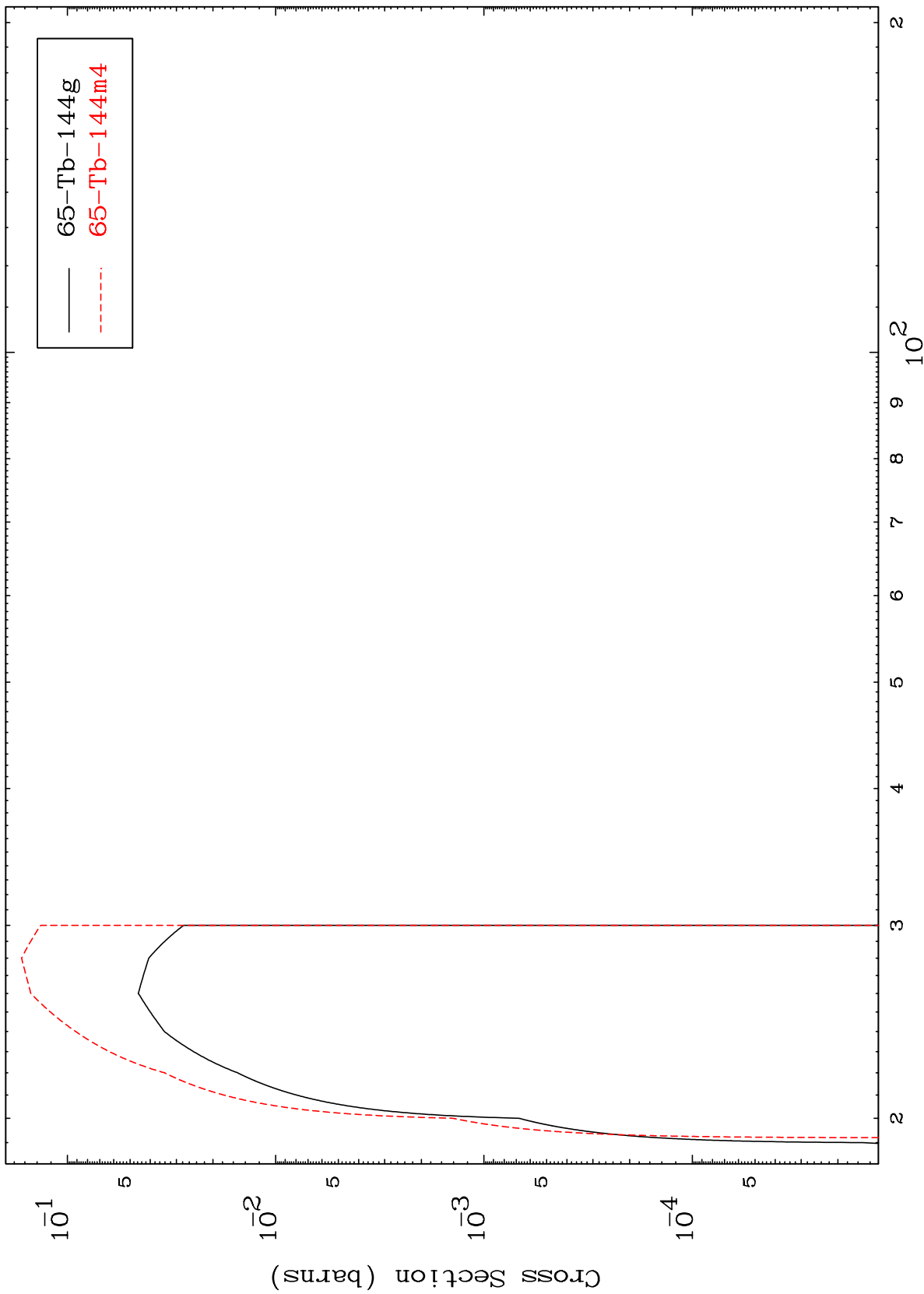
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(p,2n)
Radionuclide Production Cross Section



64-Gd-145

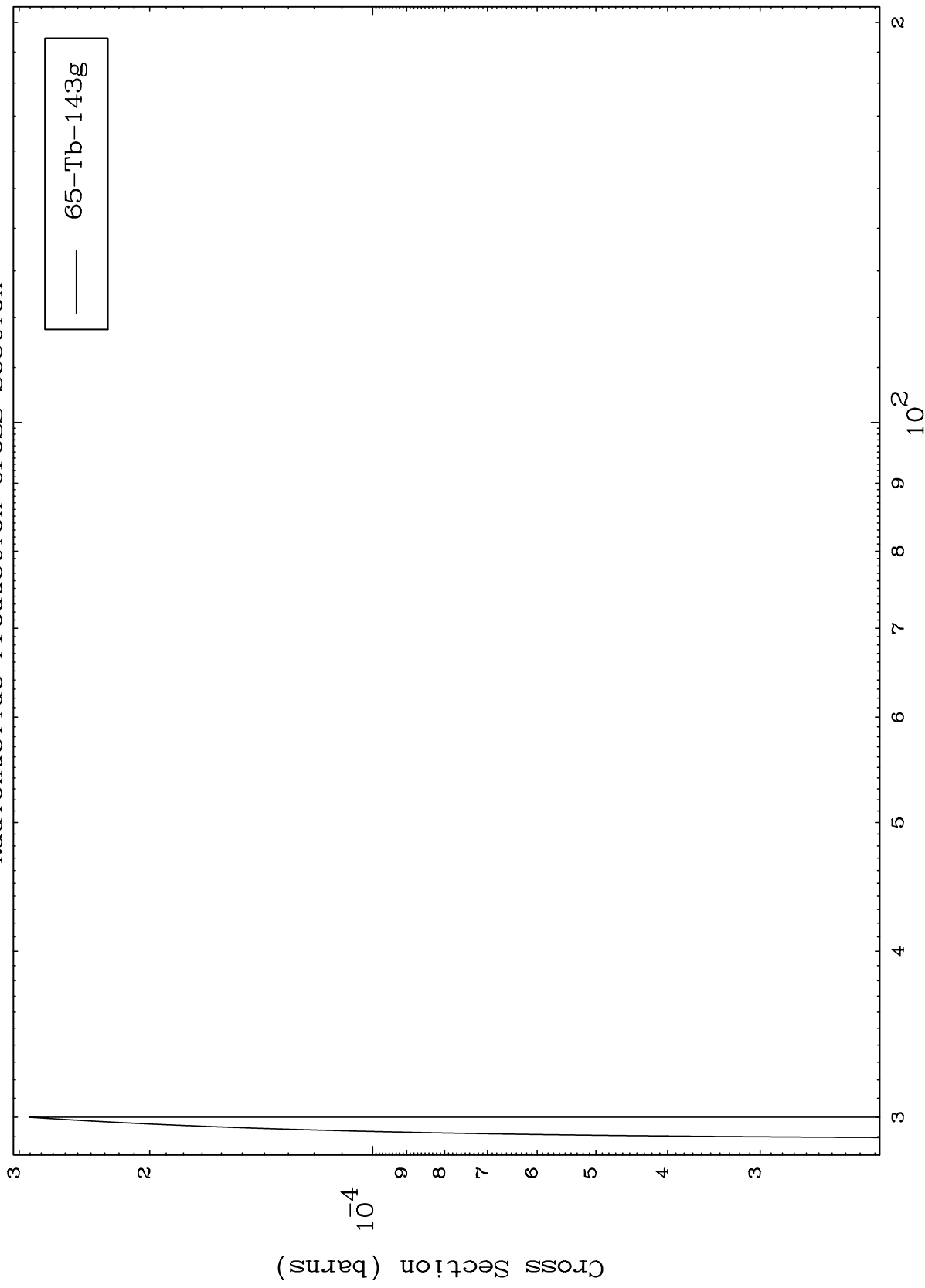
Incident Energy (MeV)

11

MAT 6405

64-Gd-145

(p,3n)
Radionuclide Production Cross Section



12

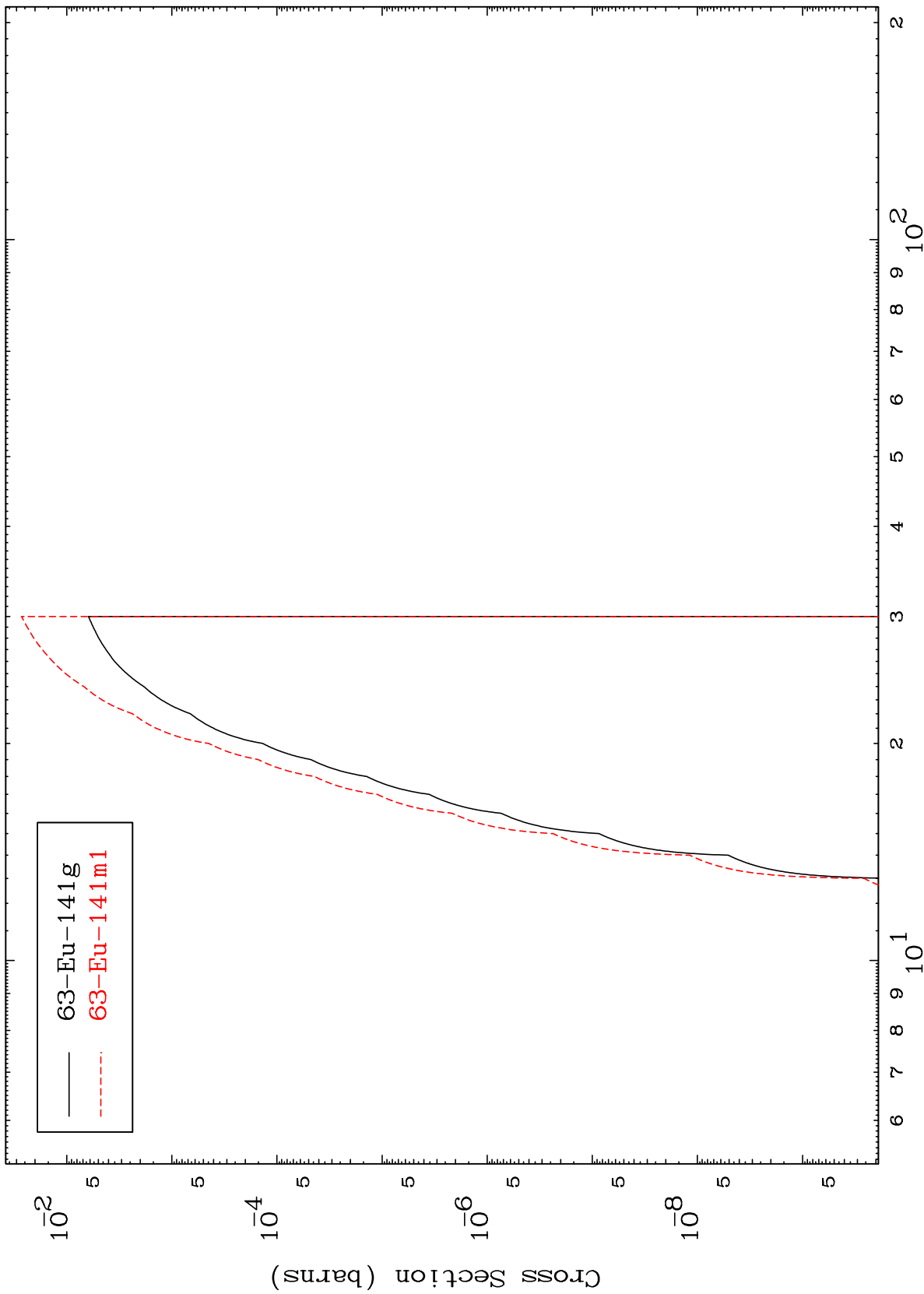
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(p,n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

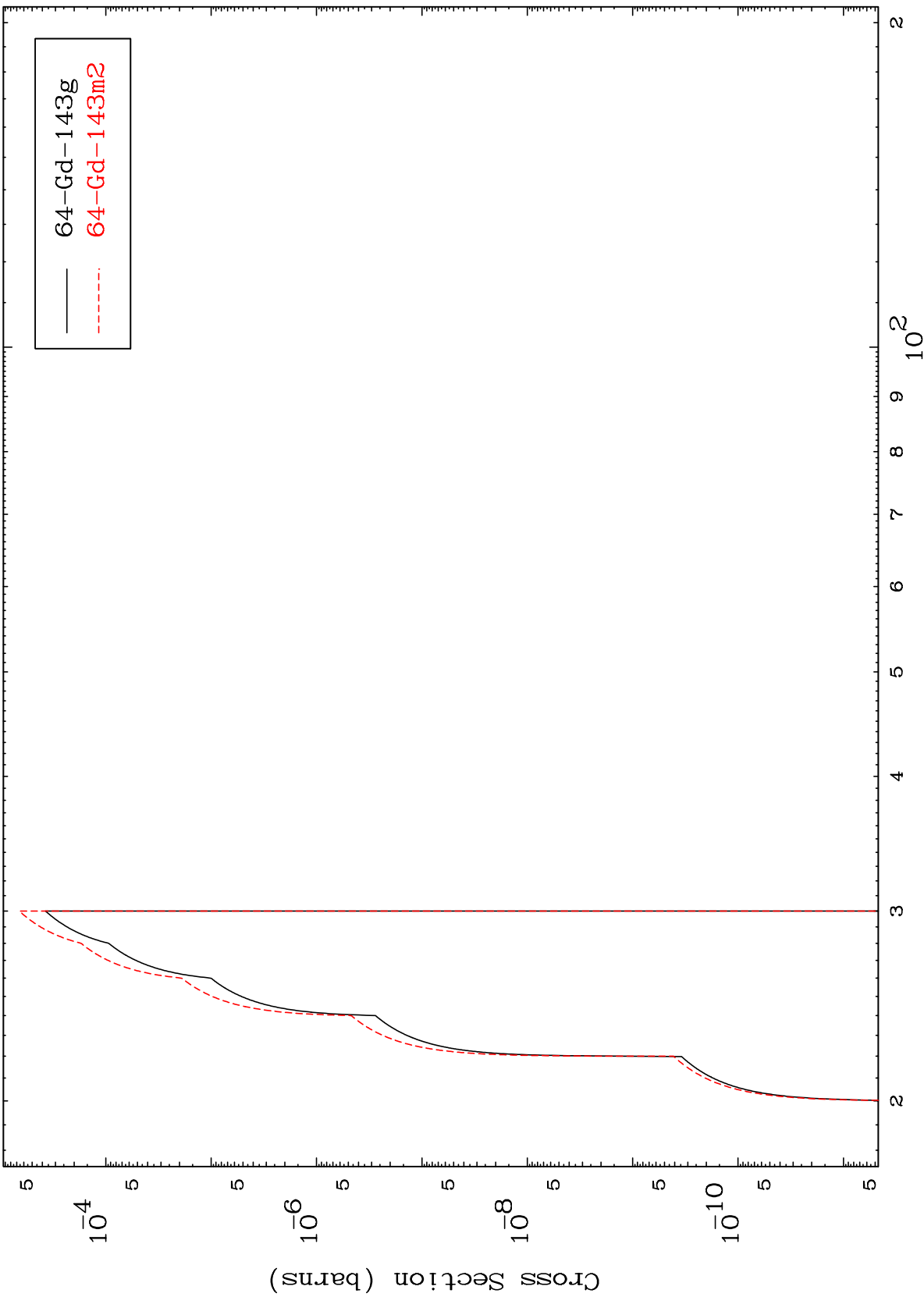
64-Gd-145

MAT 6405

(p,n') d

64-Gd-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

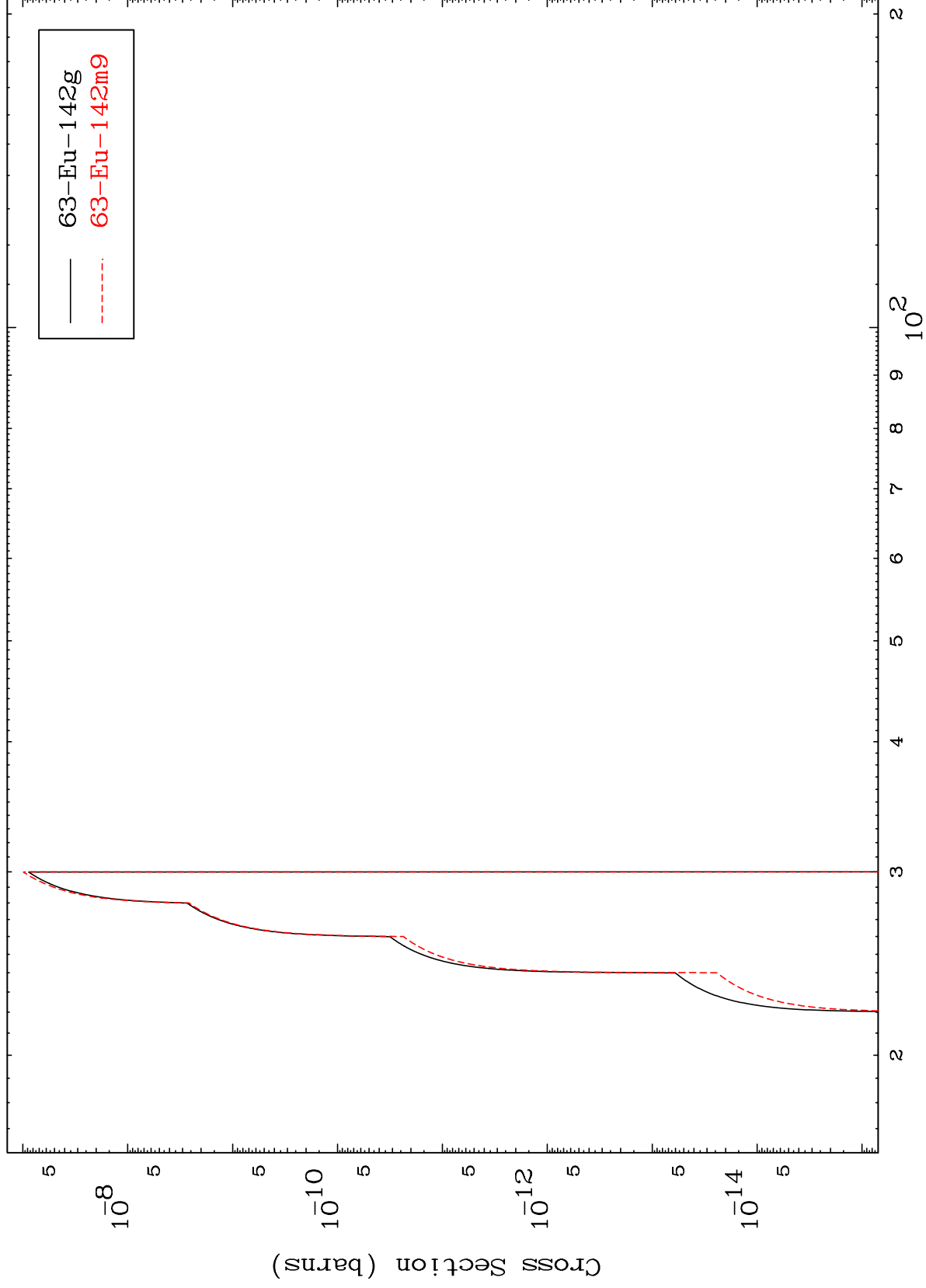
64-Gd-145

MAT 6405

(p,n') He-3

64-Gd-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

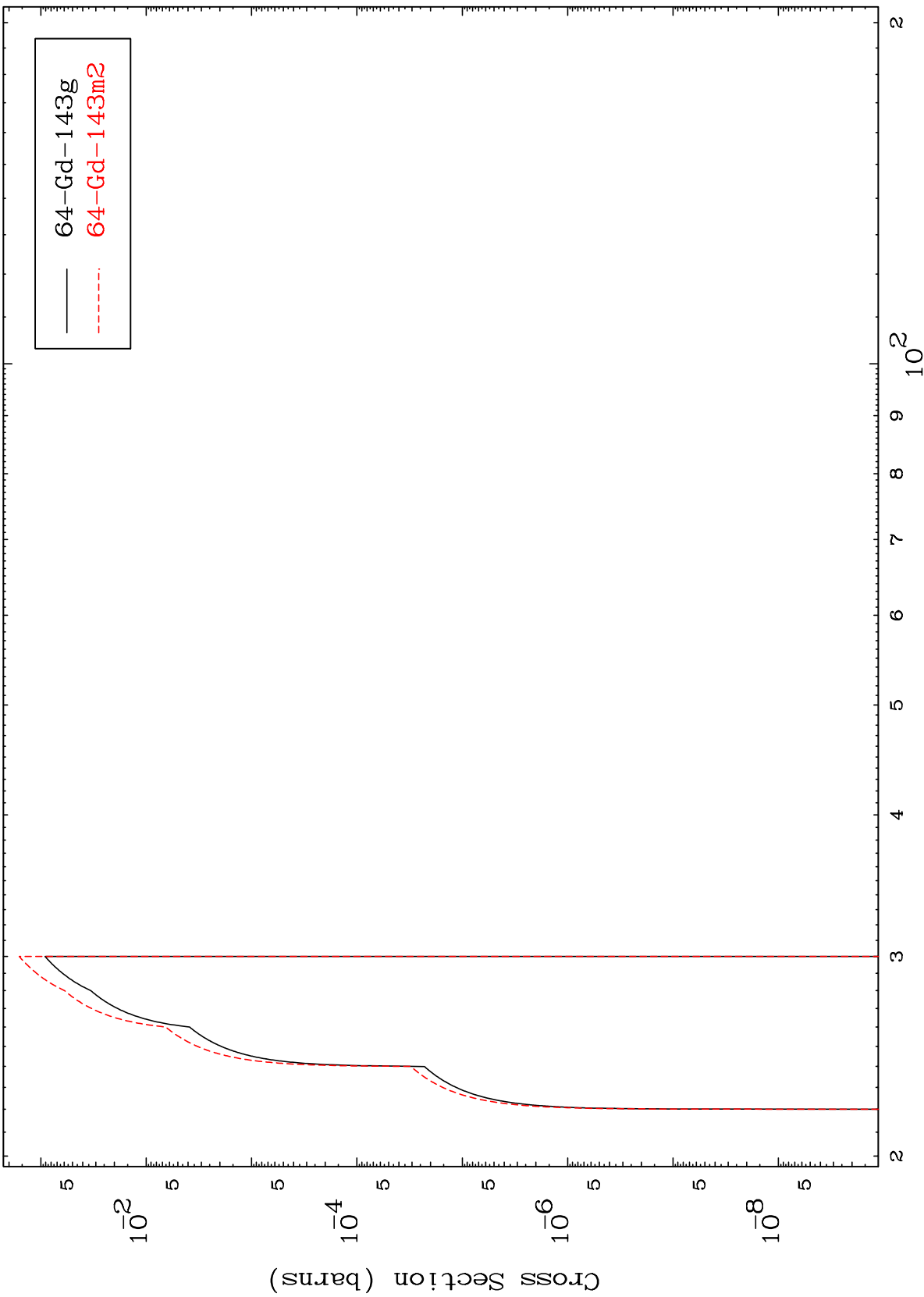
64-Gd-145

MAT 6405

(p,2n) p

64-Gd-145

Radionuclide Production Cross Section



16

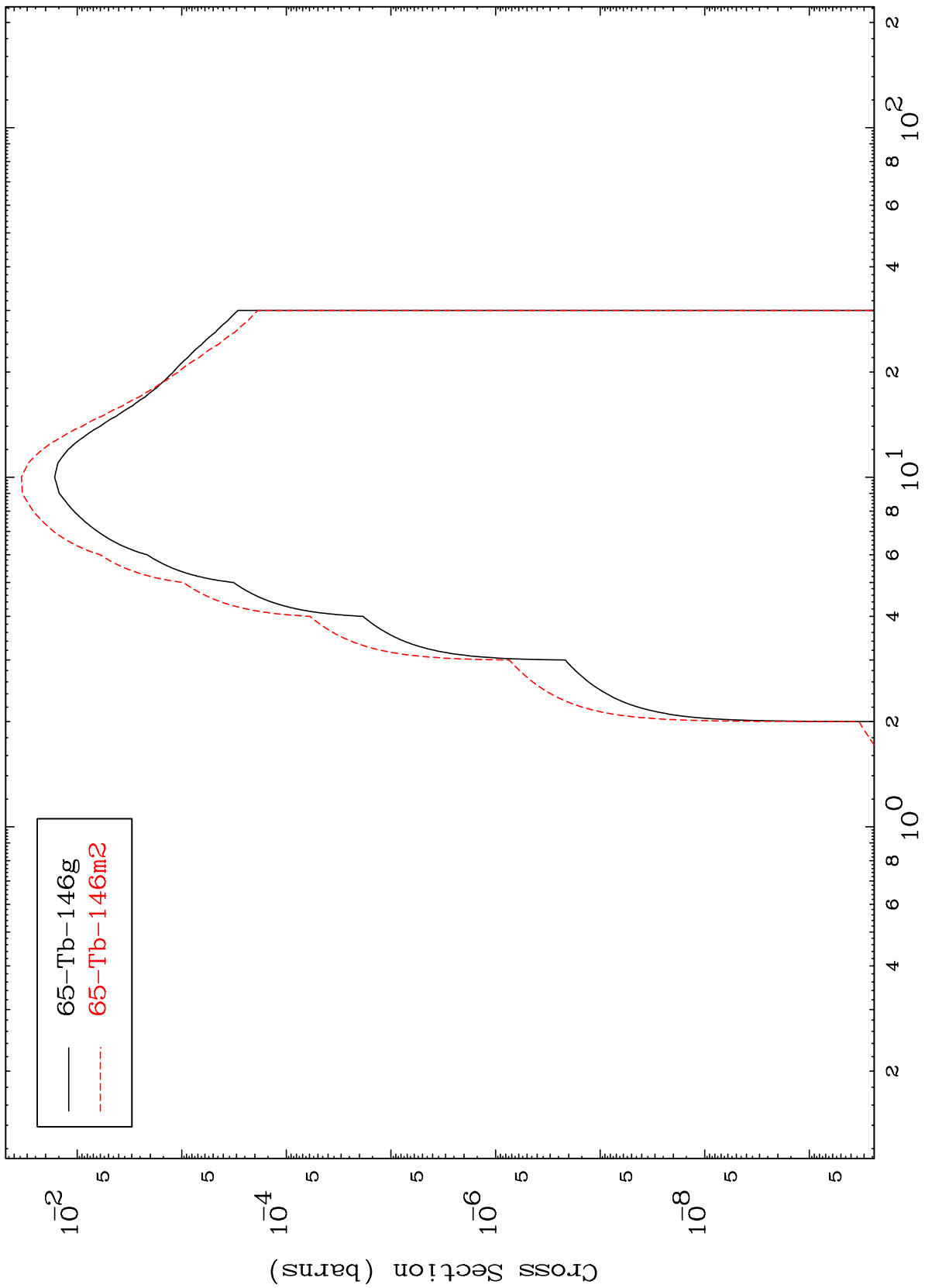
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(p, γ)
Radionuclide Production Cross Section

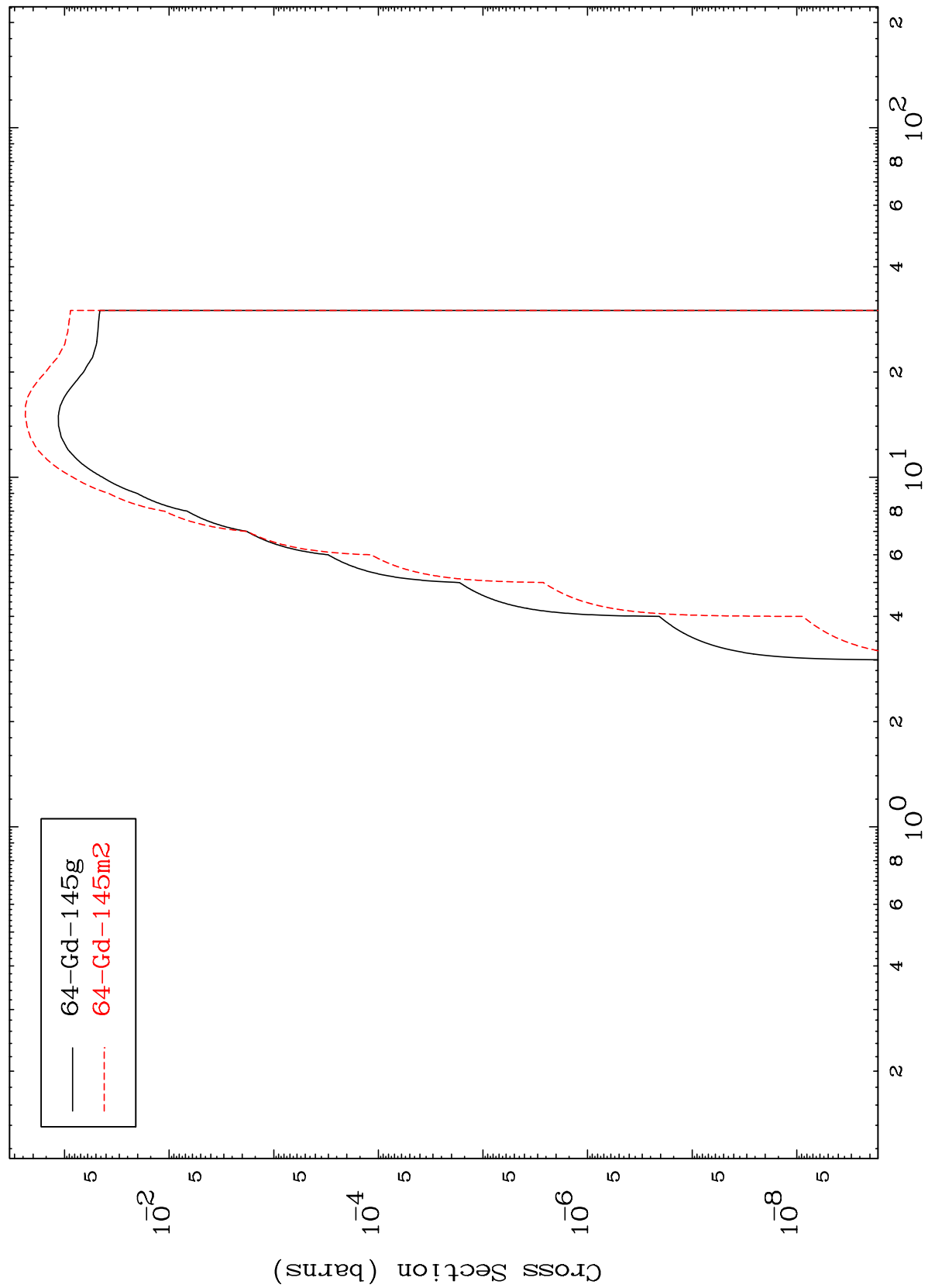


— 65-Tb-146g
- - - 65-Tb-146m2

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64-Gd-145

Radionuclide Production Cross Section (p,p)



64-Gd-145g
64-Gd-145m2

64-Gd-145

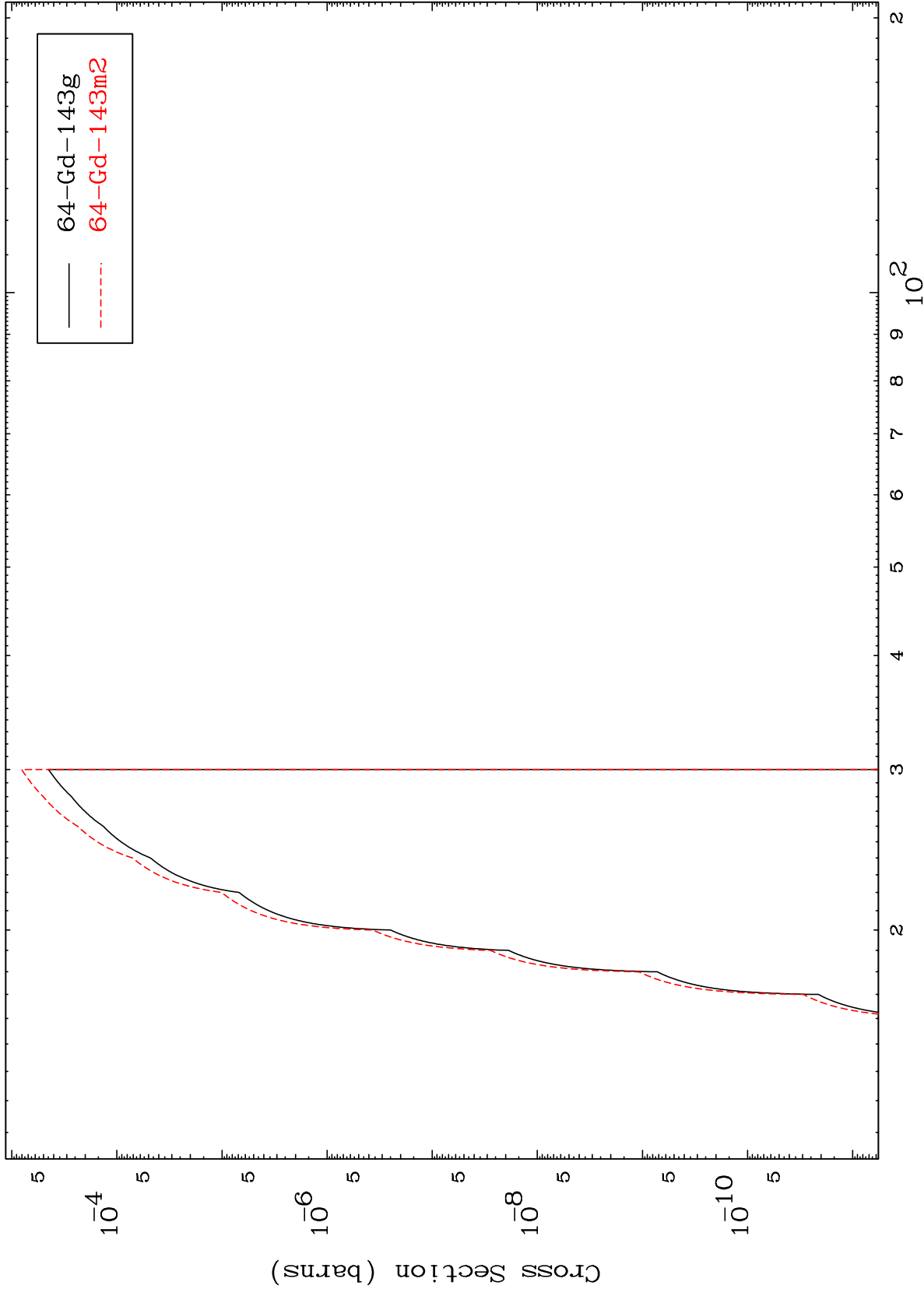
Incident Energy (MeV)

18

MAT 6405

64-Gd-145

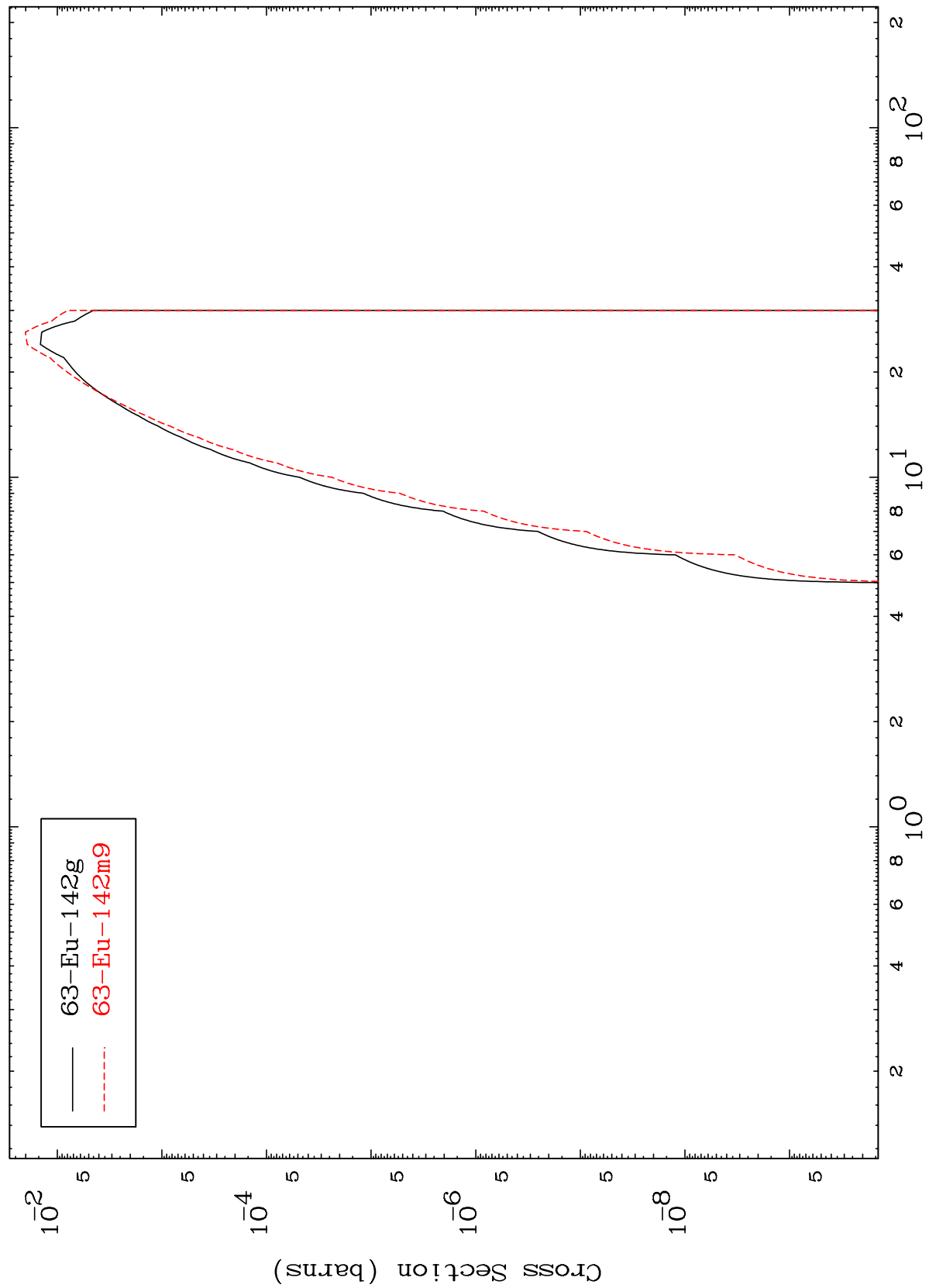
(p, t)
Radionuclide Production Cross Section



MAT 6405

64-Gd-145

Radionuclide Production Cross Section
(p, α)



63-Eu-142g
63-Eu-142m9

64-Gd-145

Incident Energy (MeV)

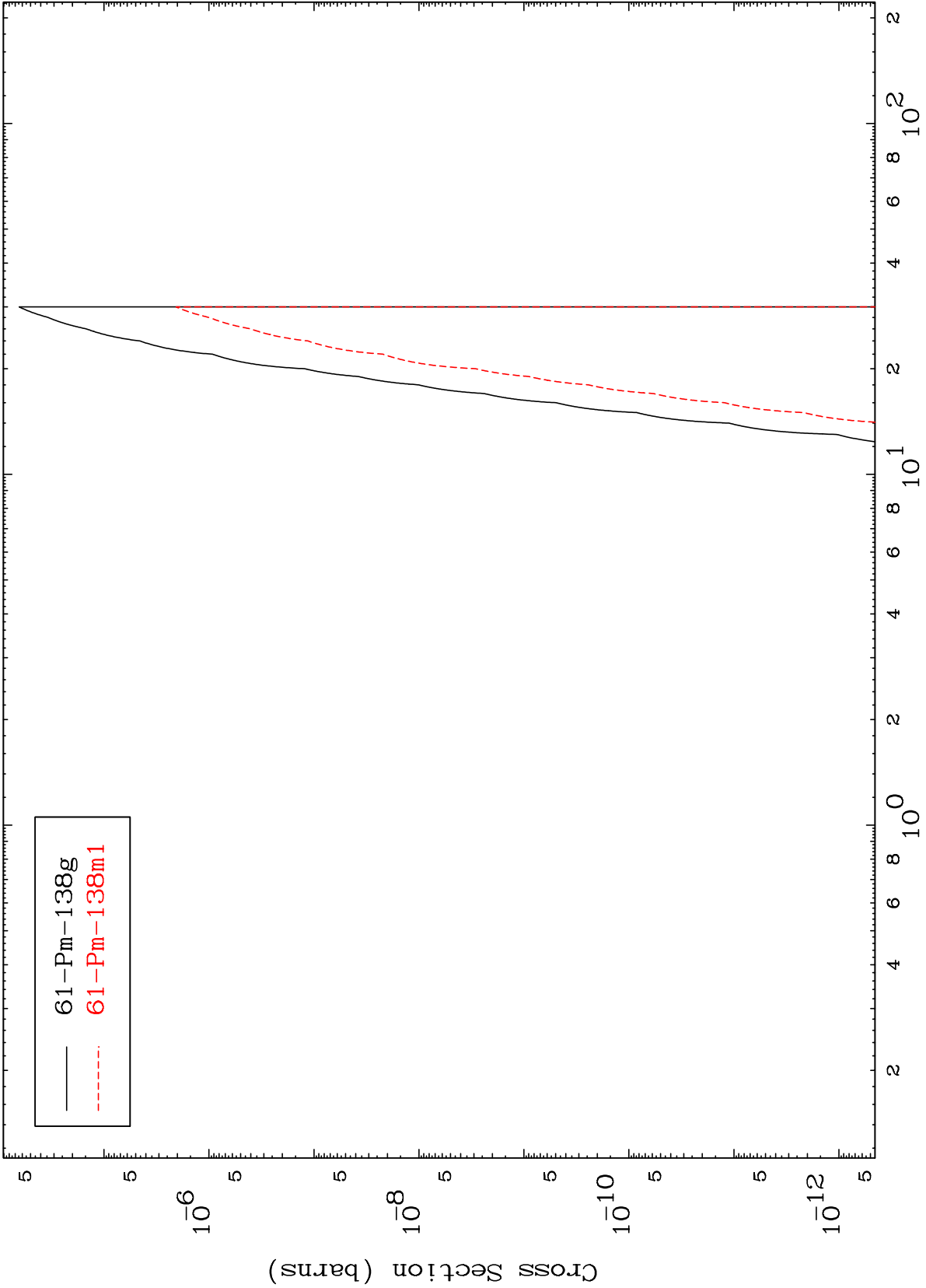
20

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(p,2 α)

64-Gd-145

Radionuclide Production Cross Section

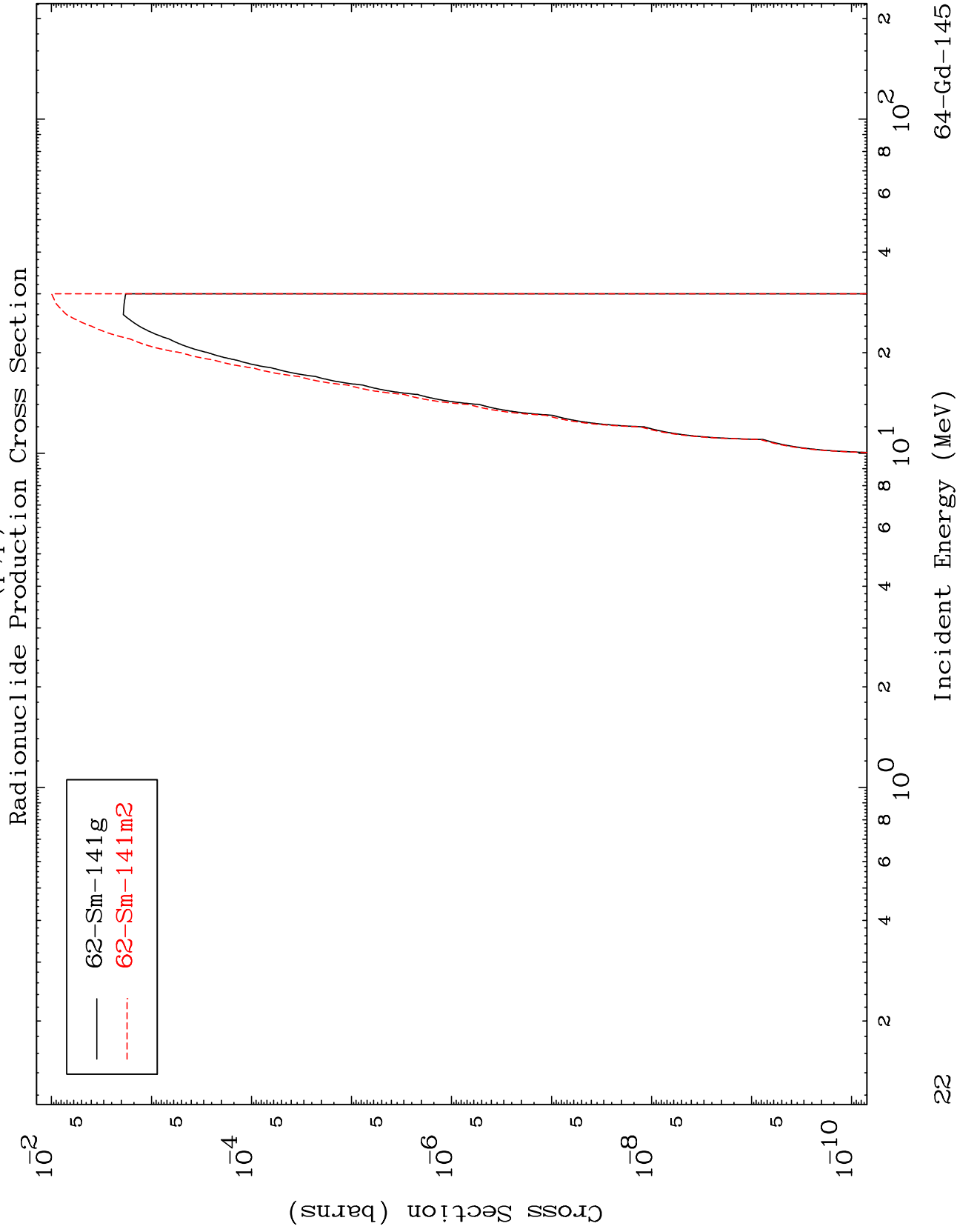


61-Pm-138g
61-Pm-138m1

MAT 6405

(p,p) α

64-Gd-145

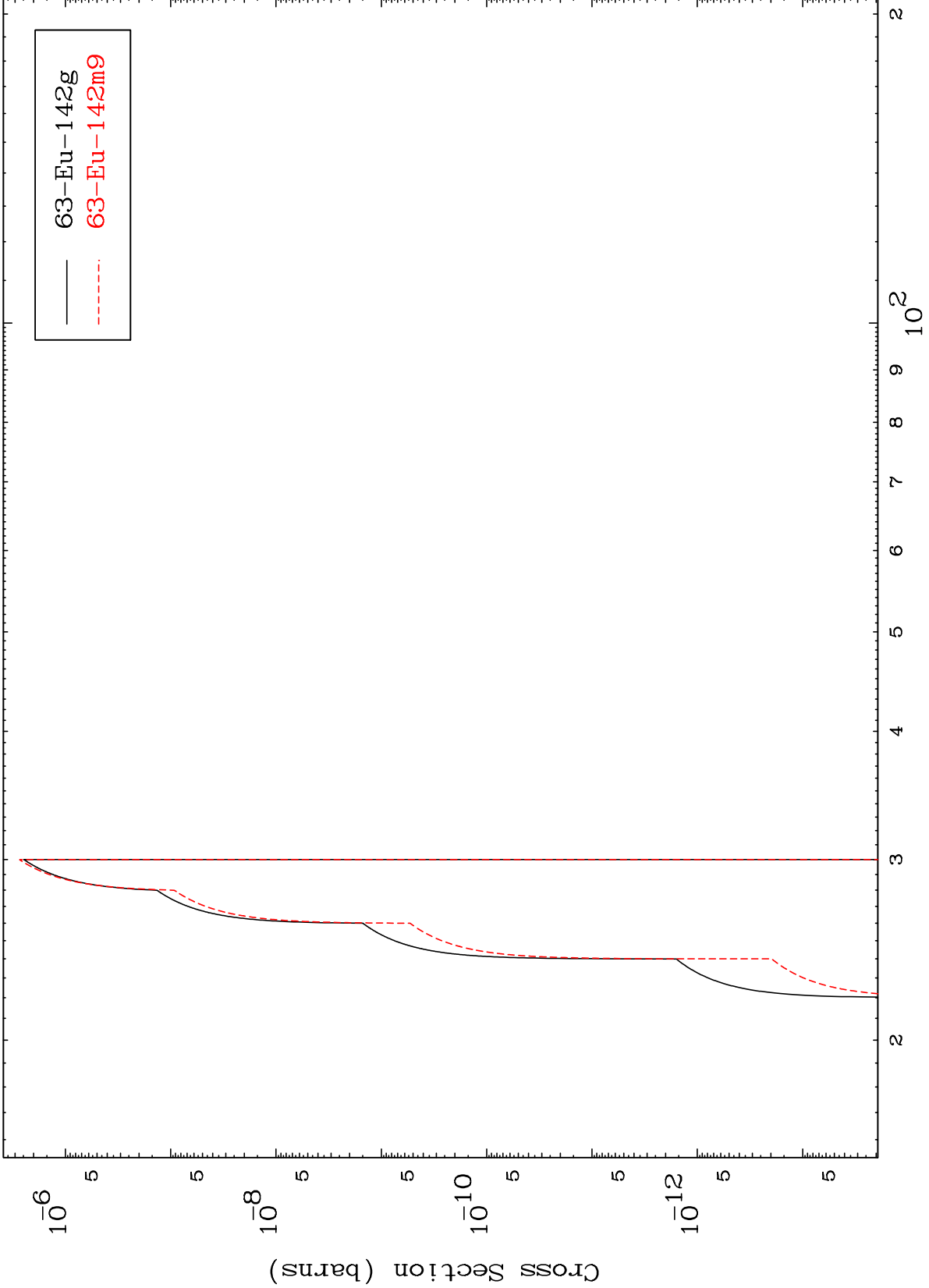


MAT 6405

(p,p) t

64-Gd-145

Radionuclide Production Cross Section



23

Incident Energy (MeV)

64-Gd-145