

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

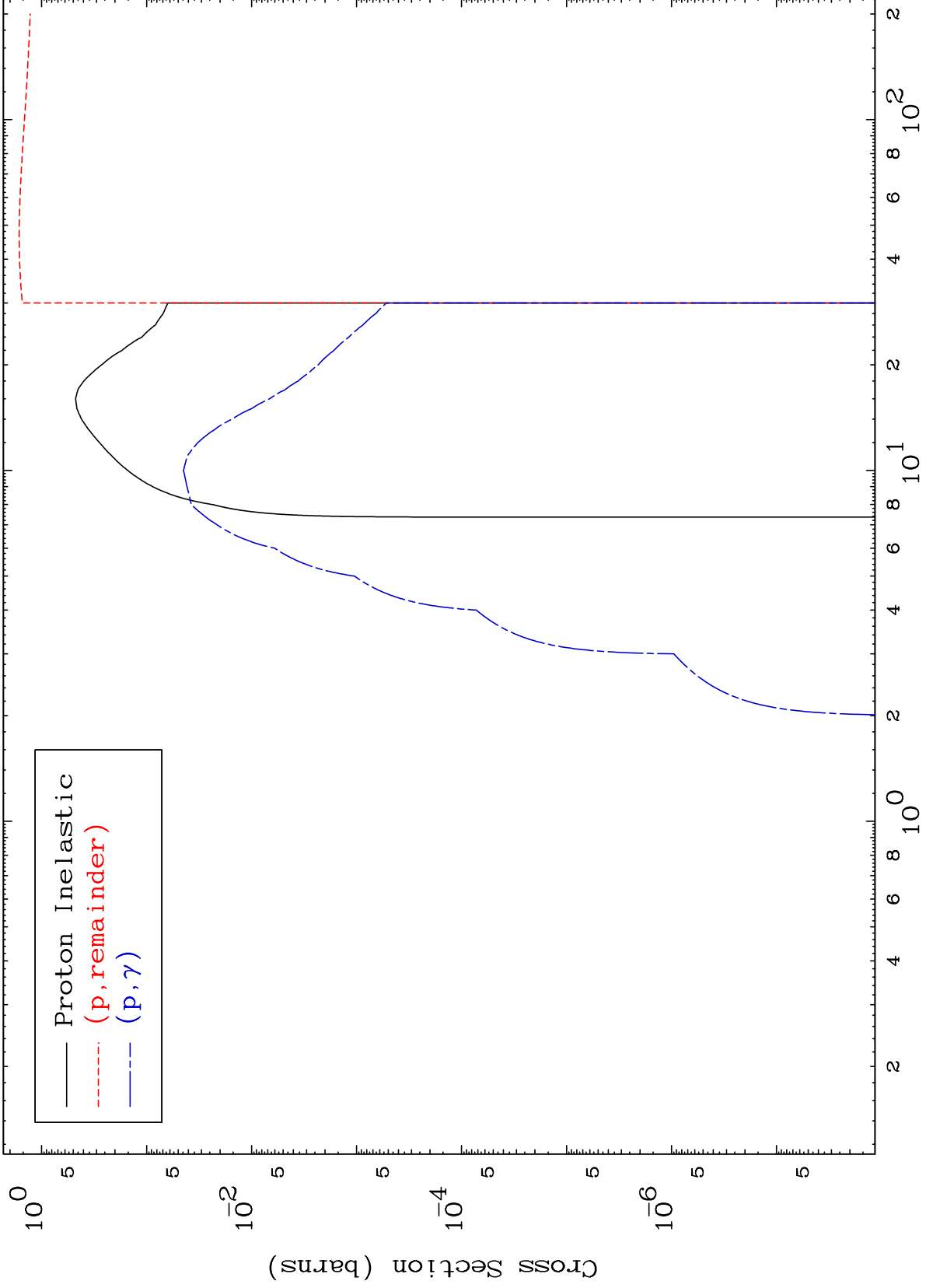
Press Mouse Button to Start

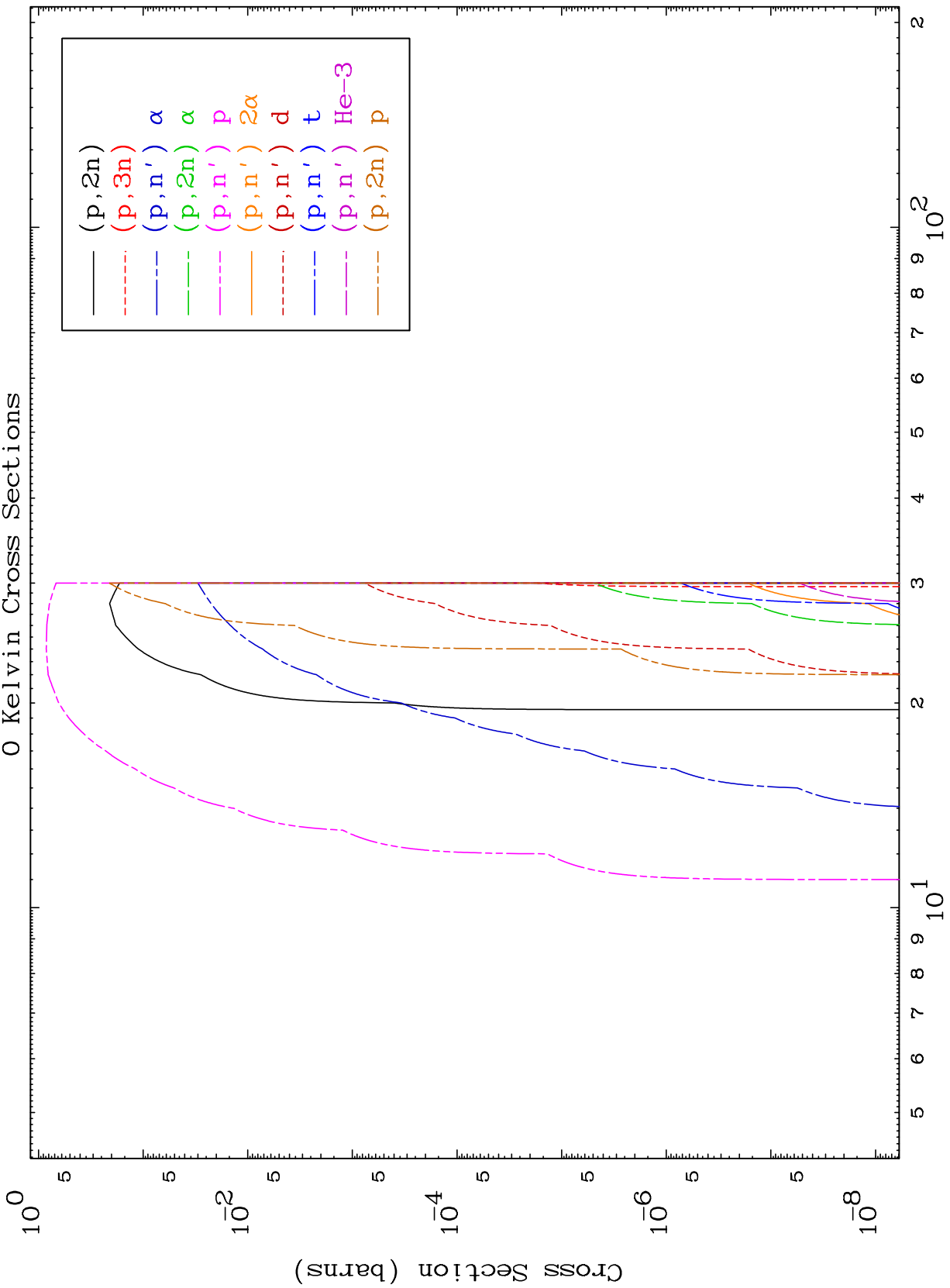
MAT 6404

Proton Major

64-Gd-145

0 Kelvin Cross Sections

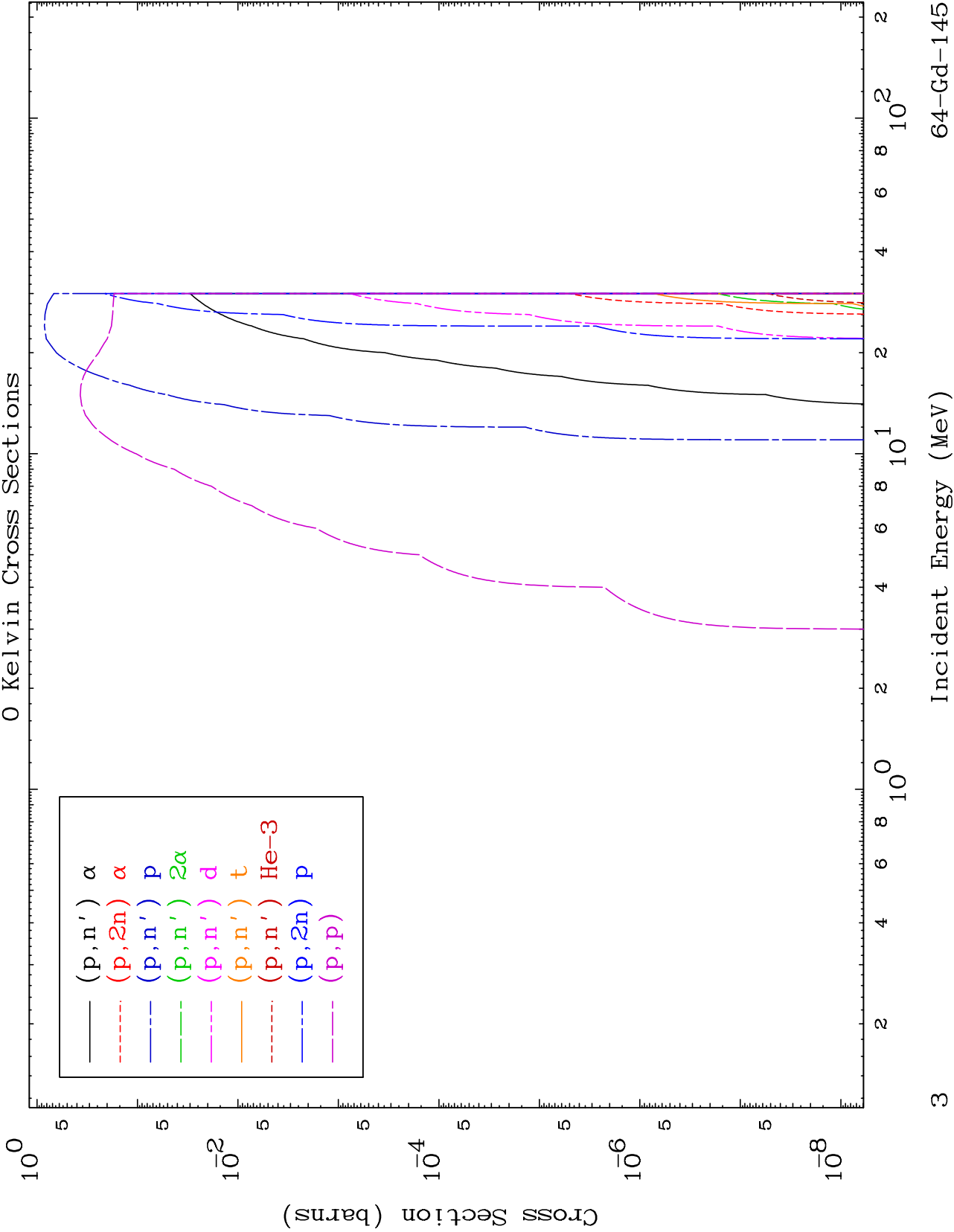




MAT 6404

Proton Charged Particle
0 Kelvin Cross Sections

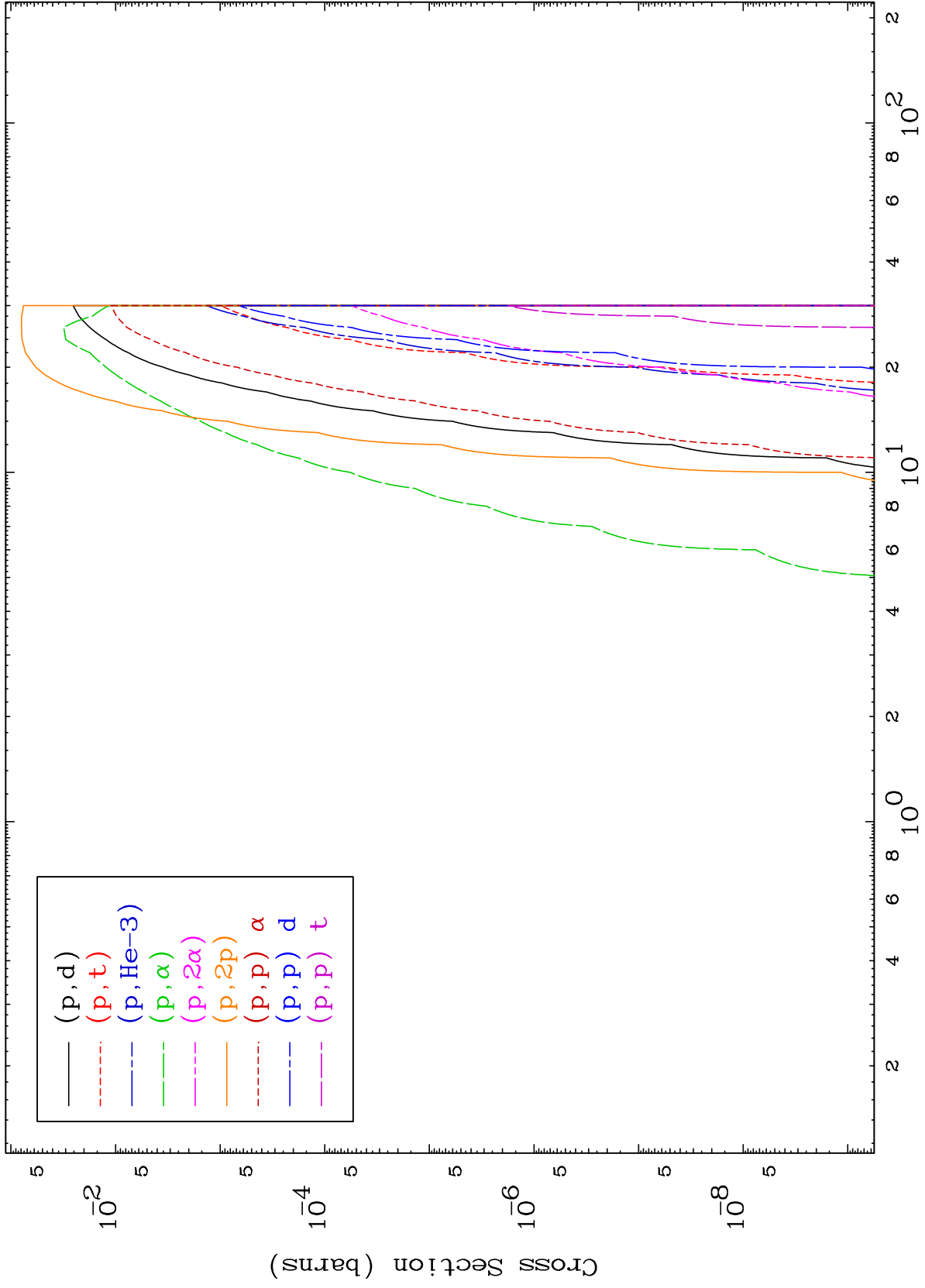
64-Gd-145



MAT 6404

Proton Charged Particle
0 Kelvin Cross Sections

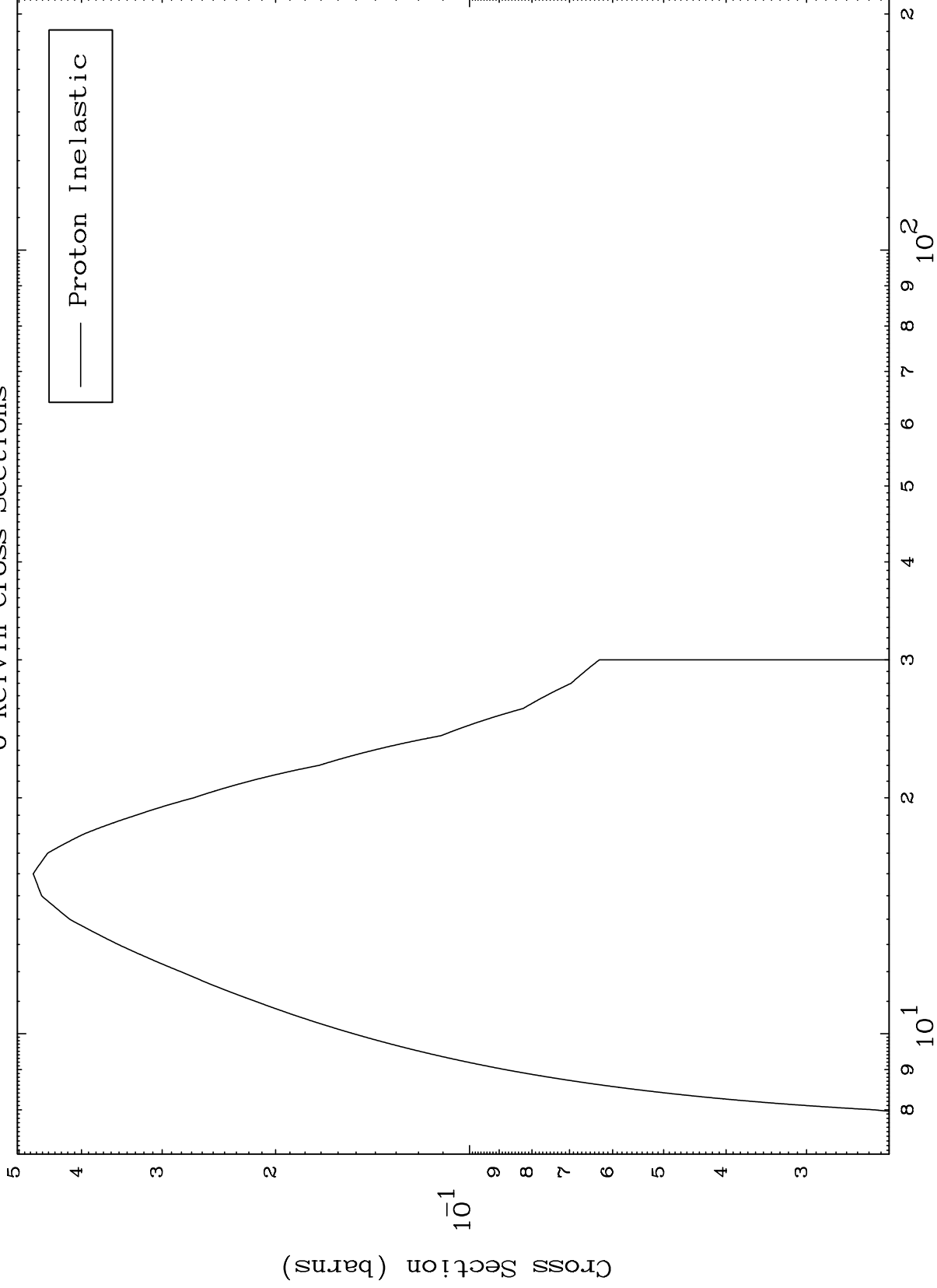
64-Gd-145



MAT 6404

(p,n') Level
0 Kelvin Cross Sections

64-Gd-145



— Proton Inelastic

5

Incident Energy (MeV)

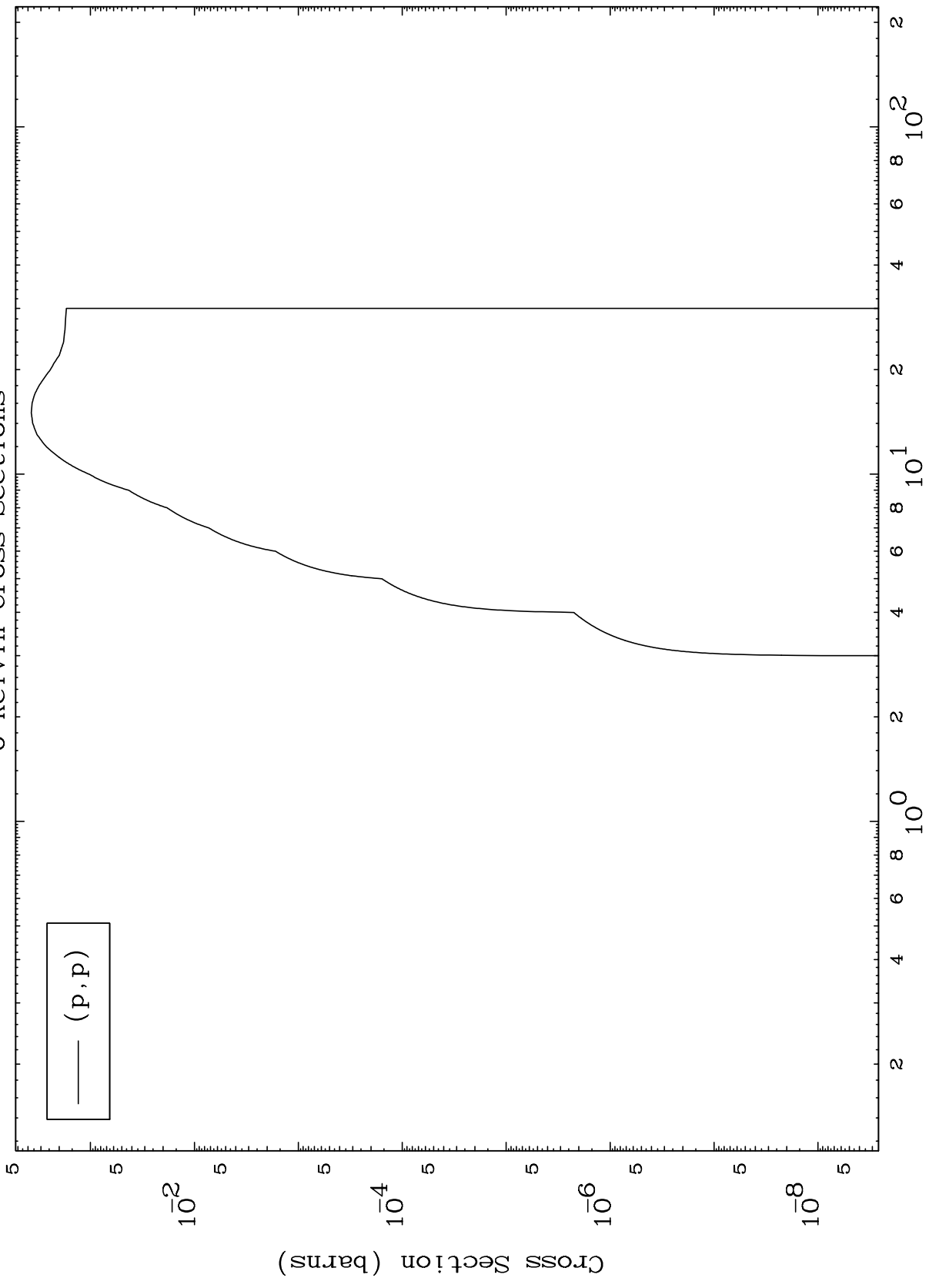
64-Gd-145

MAT 6404

(p,p) Levels

64-Gd-145

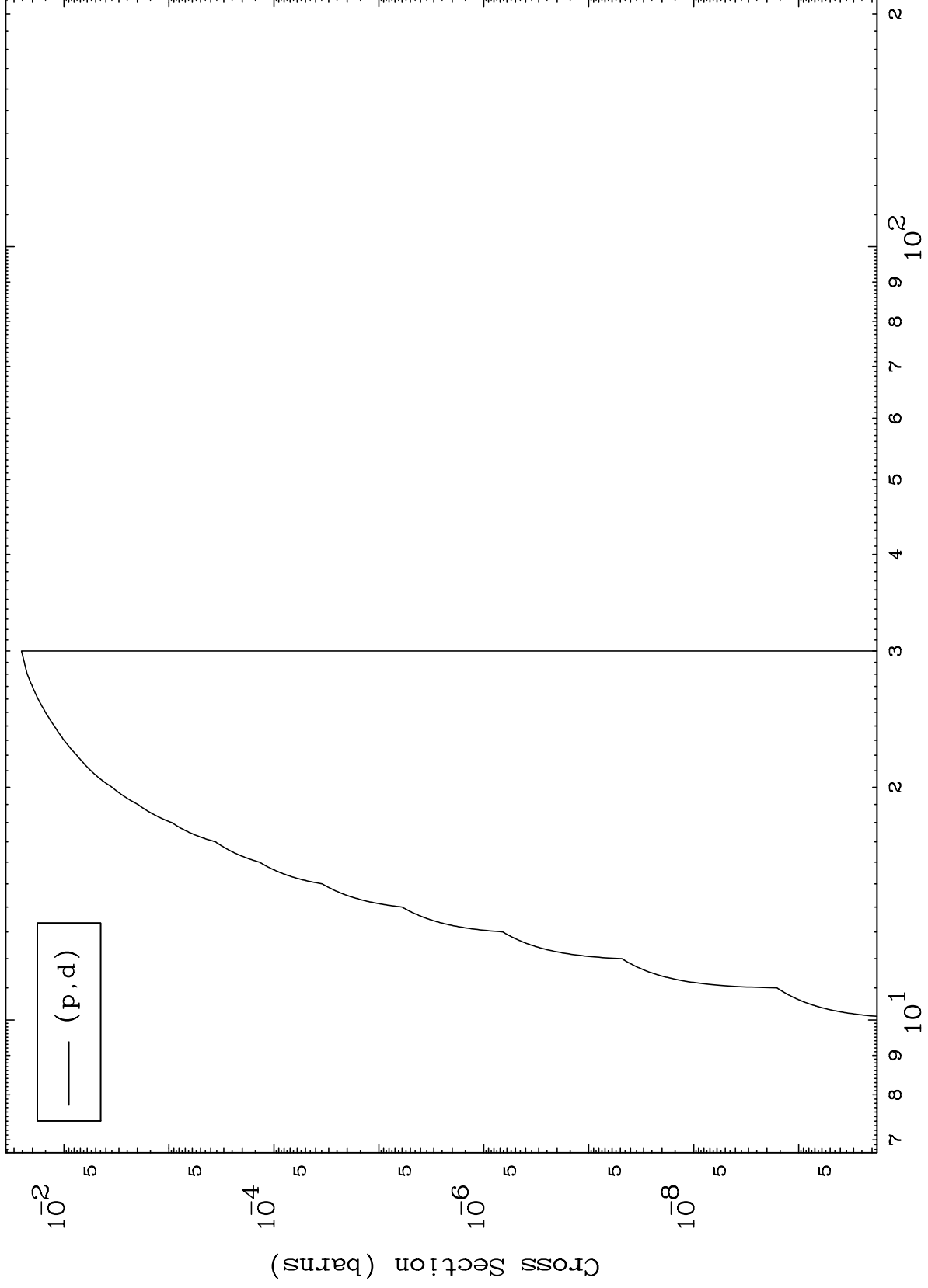
0 Kelvin Cross Sections



MAT 6404

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-145



7

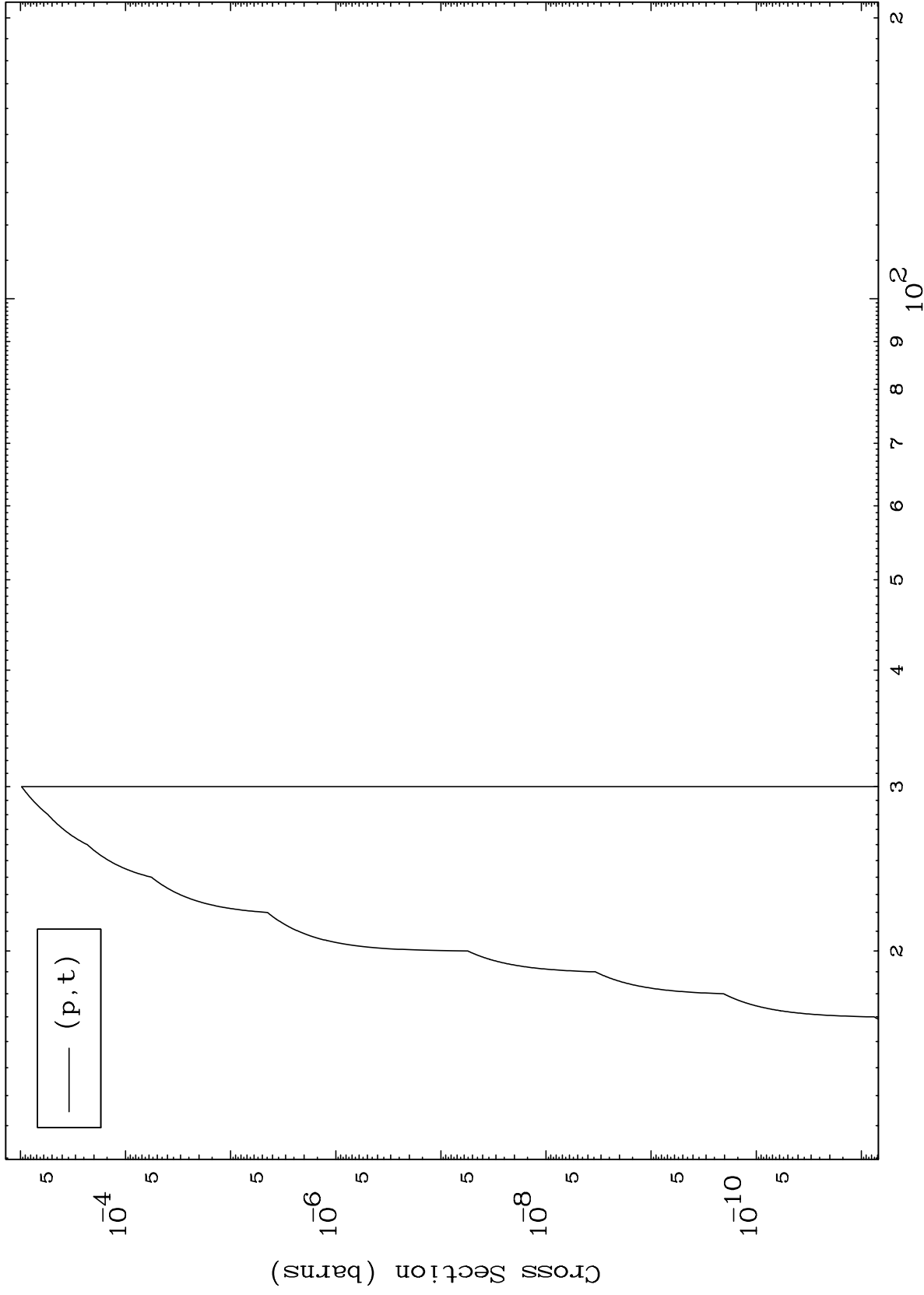
Incident Energy (MeV)

64-Gd-145

MAT 6404

(p,t) Levels
0 Kelvin Cross Sections

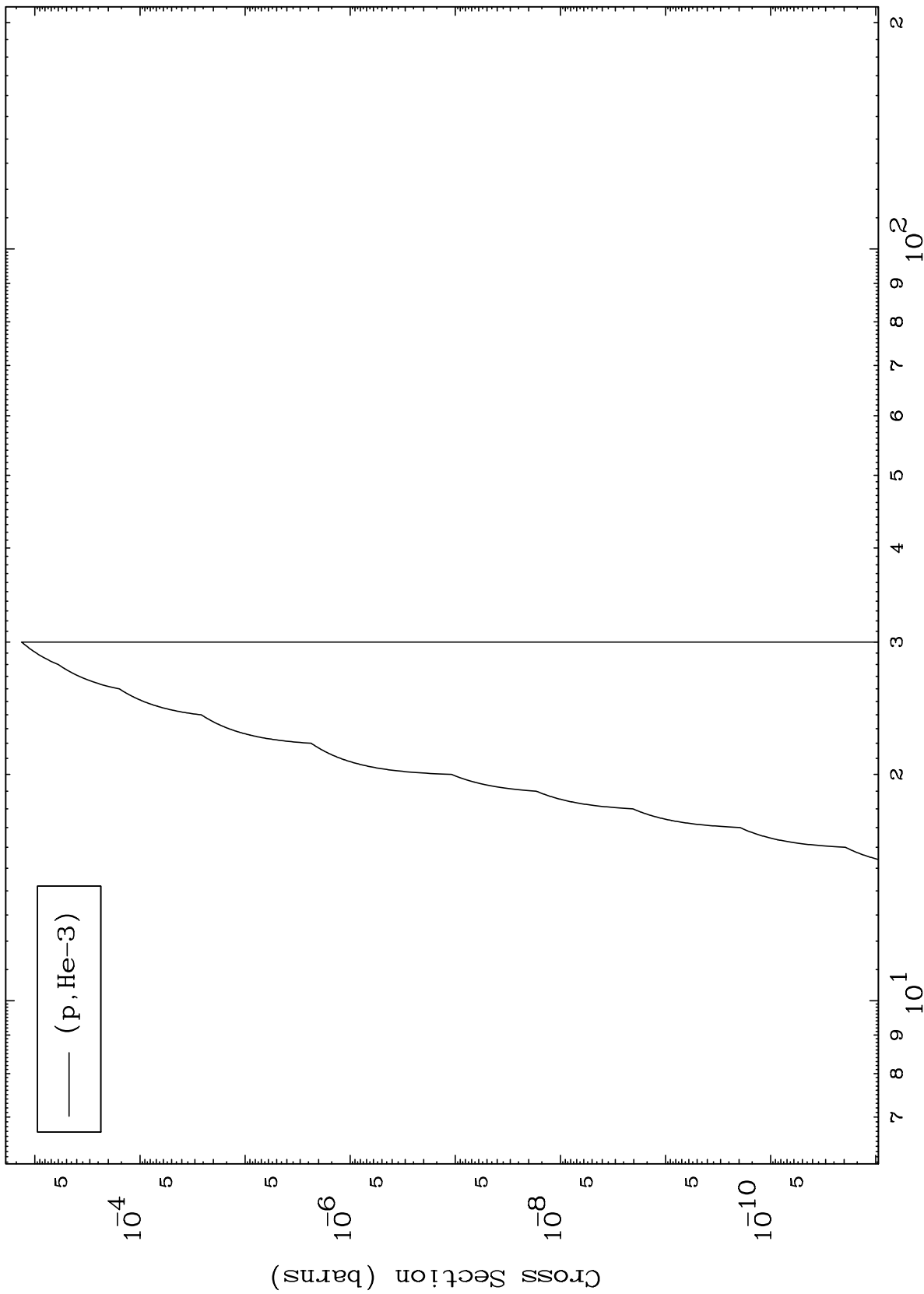
64-Gd-145



MAT 6404

64-Gd-145

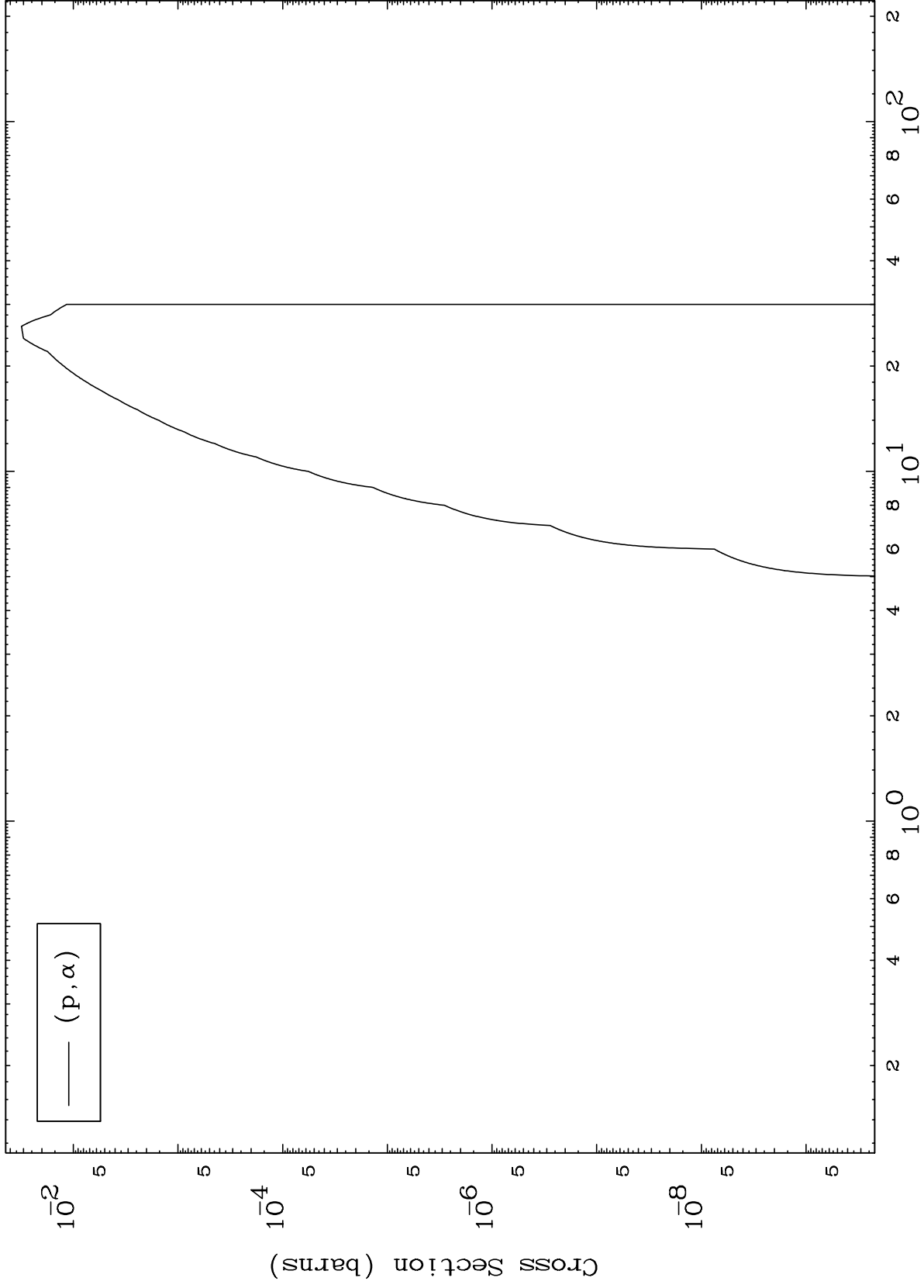
(p,He3) Levels
0 Kelvin Cross Sections



MAT 6404

(p, α) Levels
0 Kelvin Cross Sections

64-Gd-145



10

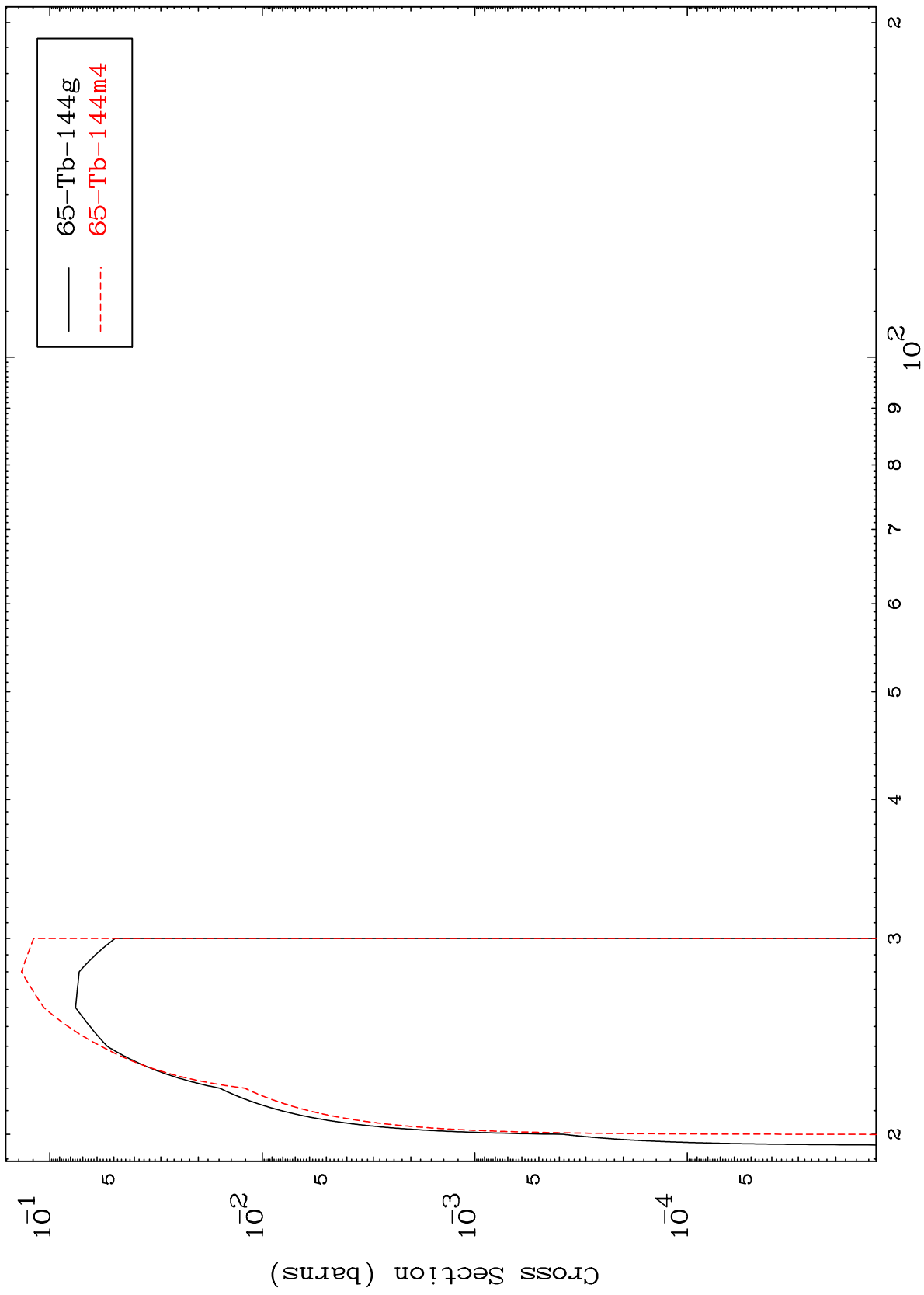
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(p,2n)
Radionuclide Production Cross Section



11

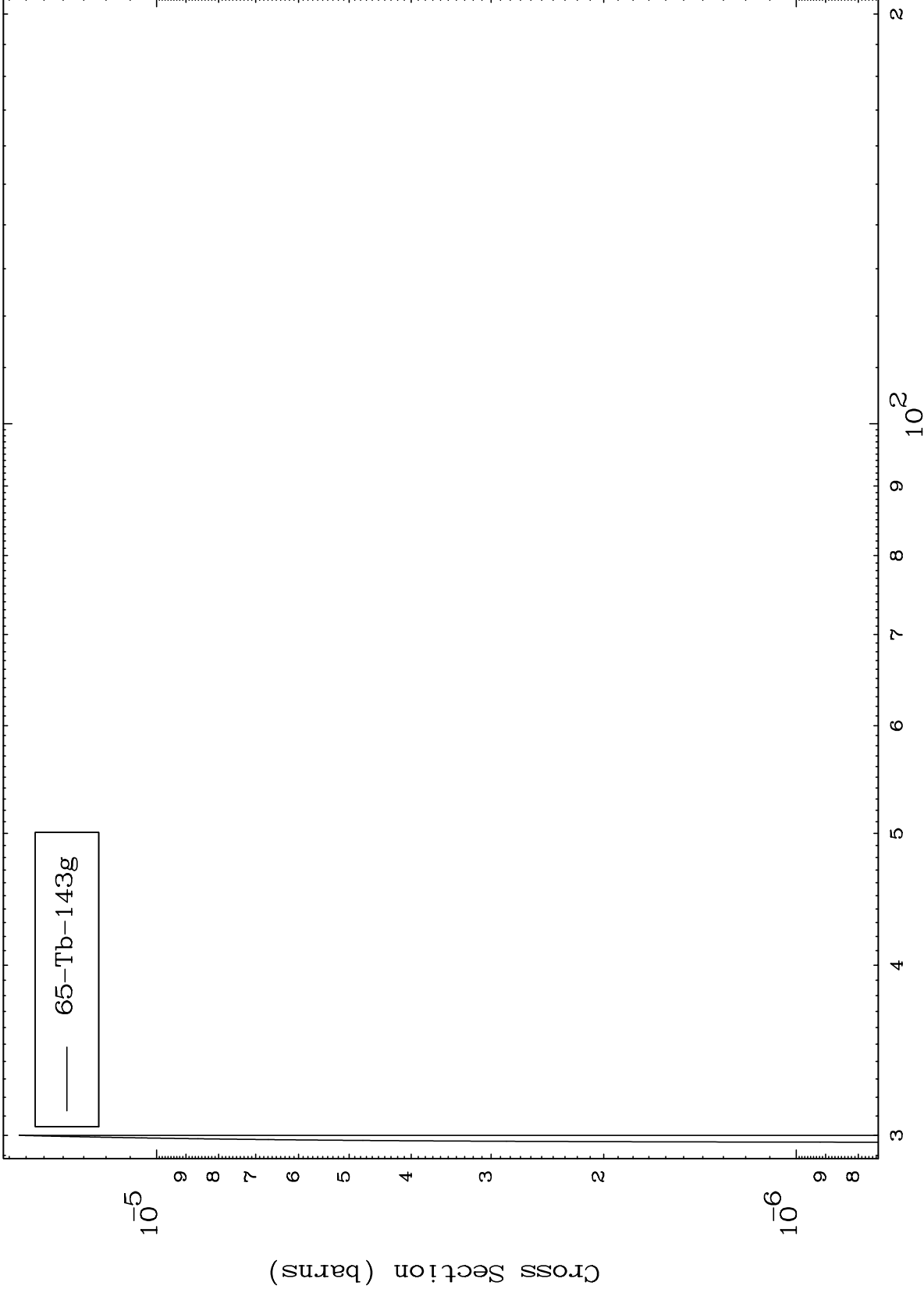
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(p,3n)
Radionuclide Production Cross Section



12

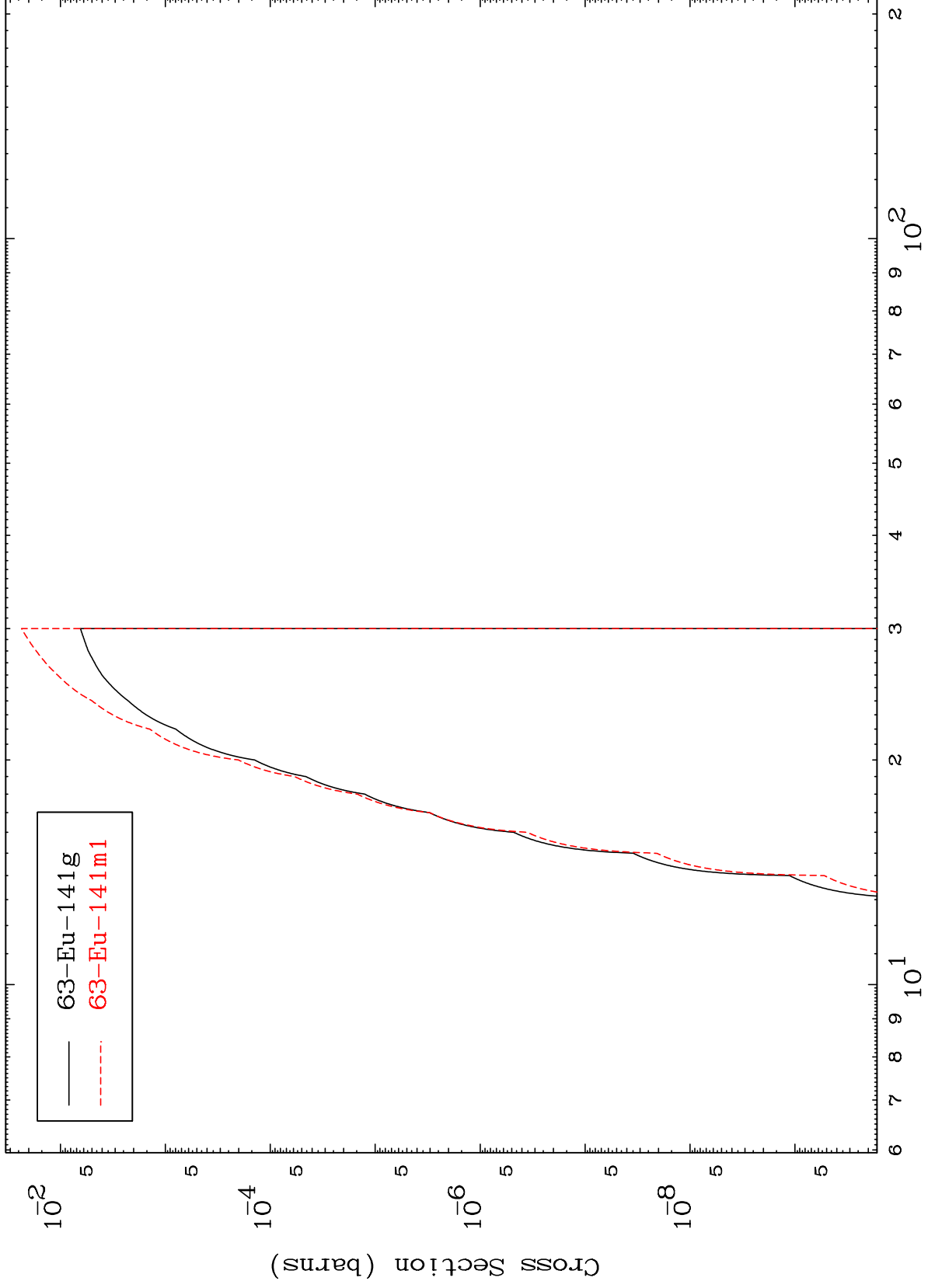
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(p,n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

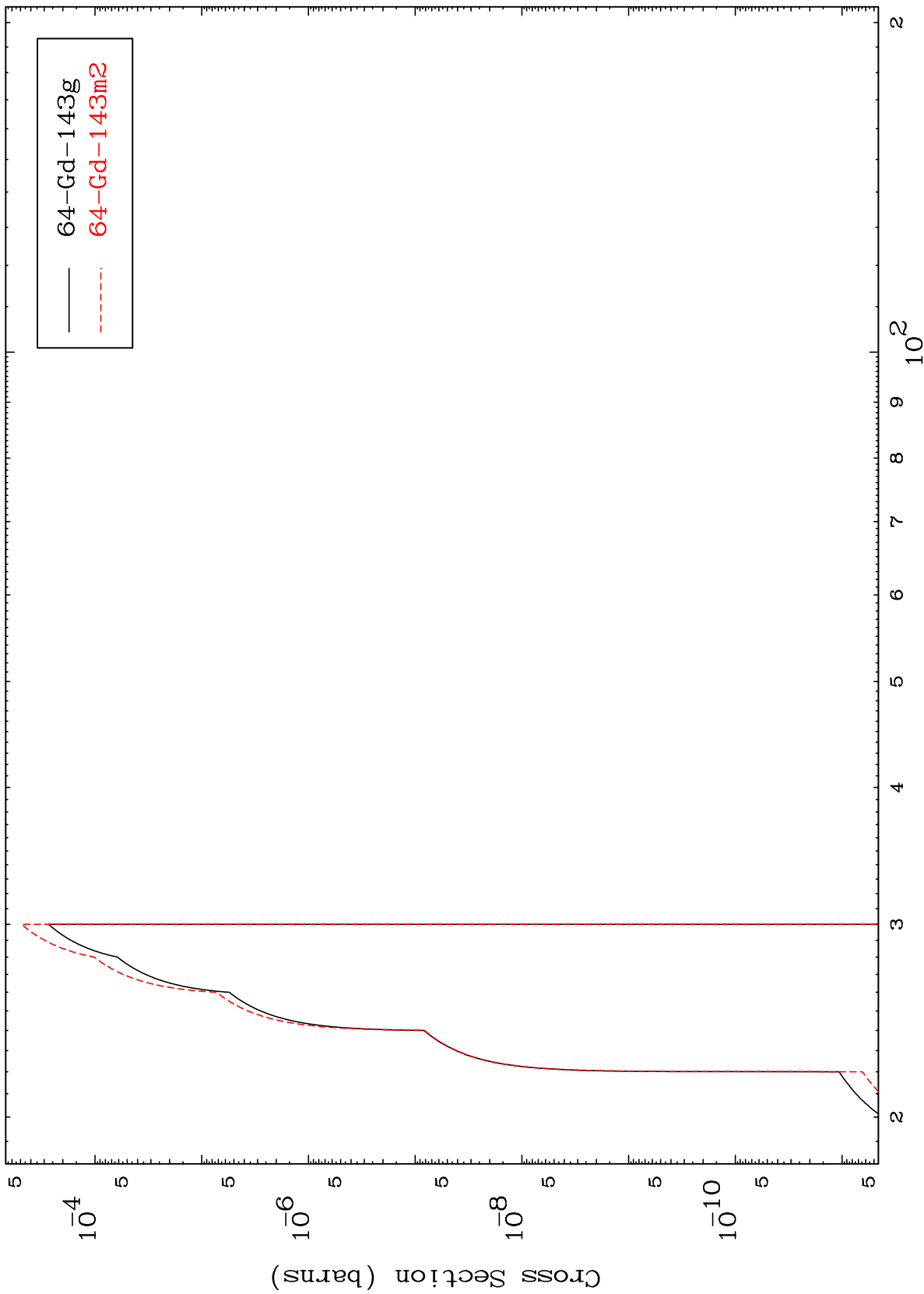
64-Gd-145

MAT 6404

(p,n') d

64-Gd-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

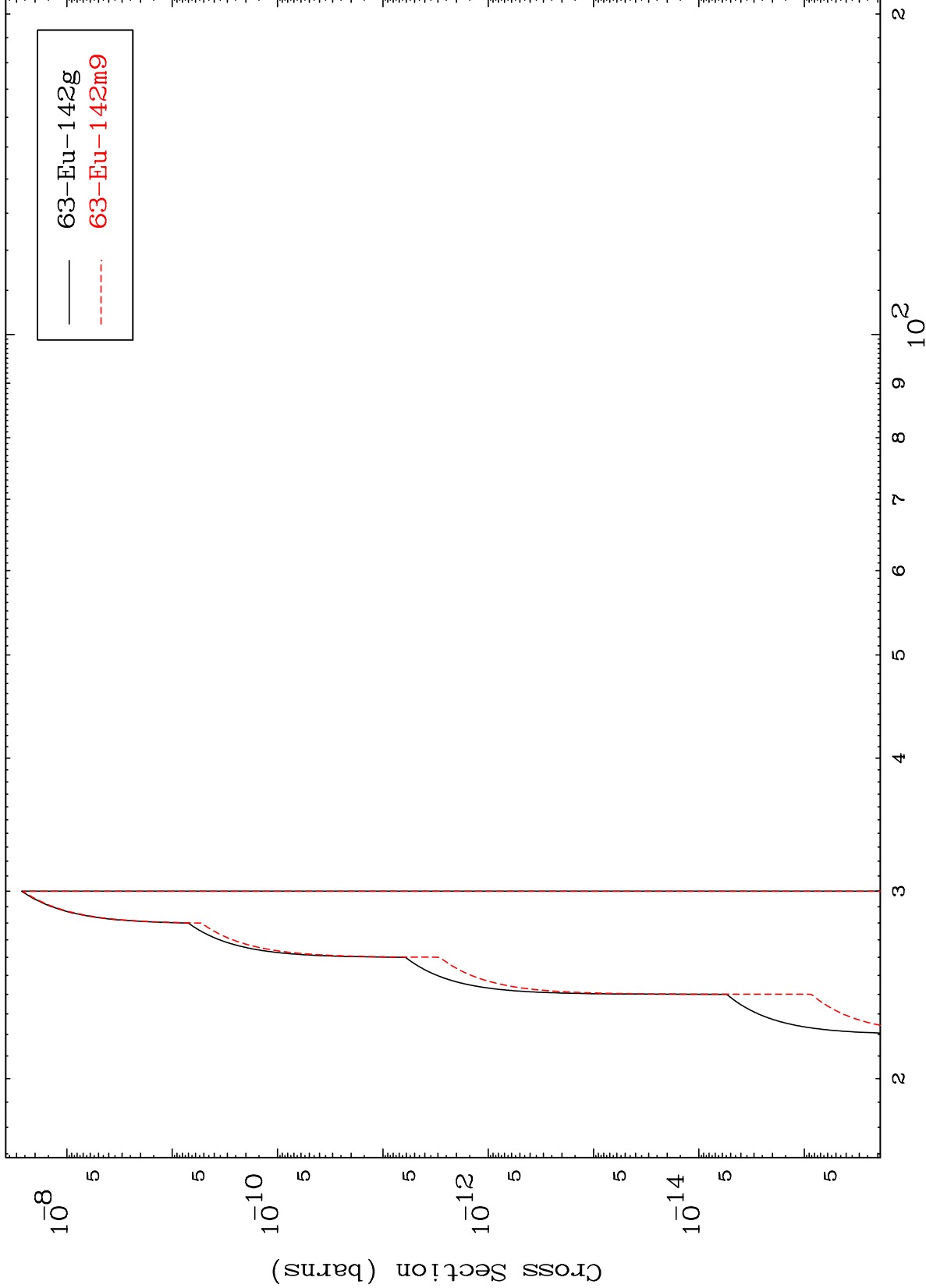
64-Gd-145

MAT 6404

(p,n') He-3

64-Gd-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

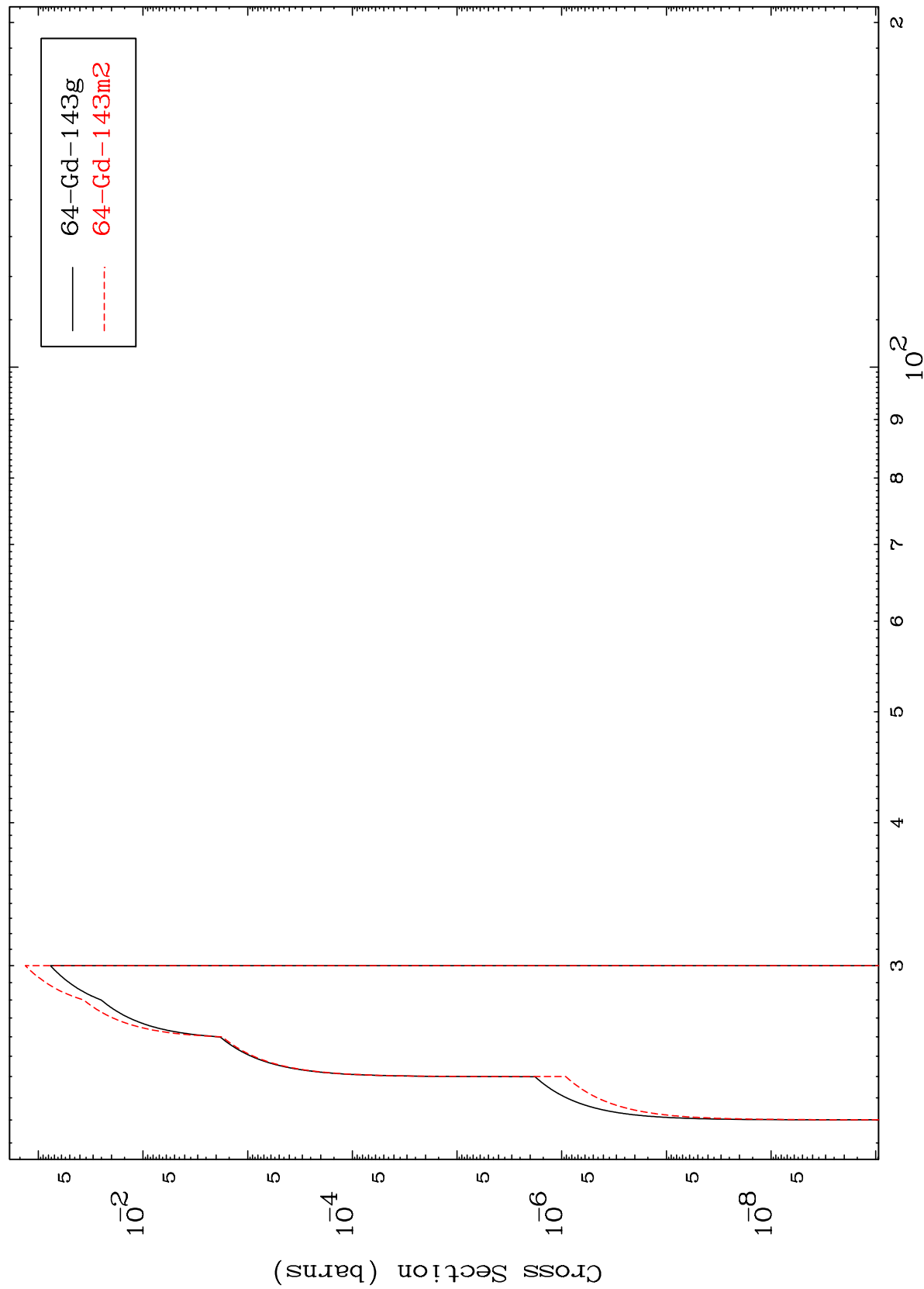
64-Gd-145

MAT 6404

(p,2n) p

64-Gd-145

Radionuclide Production Cross Section



16

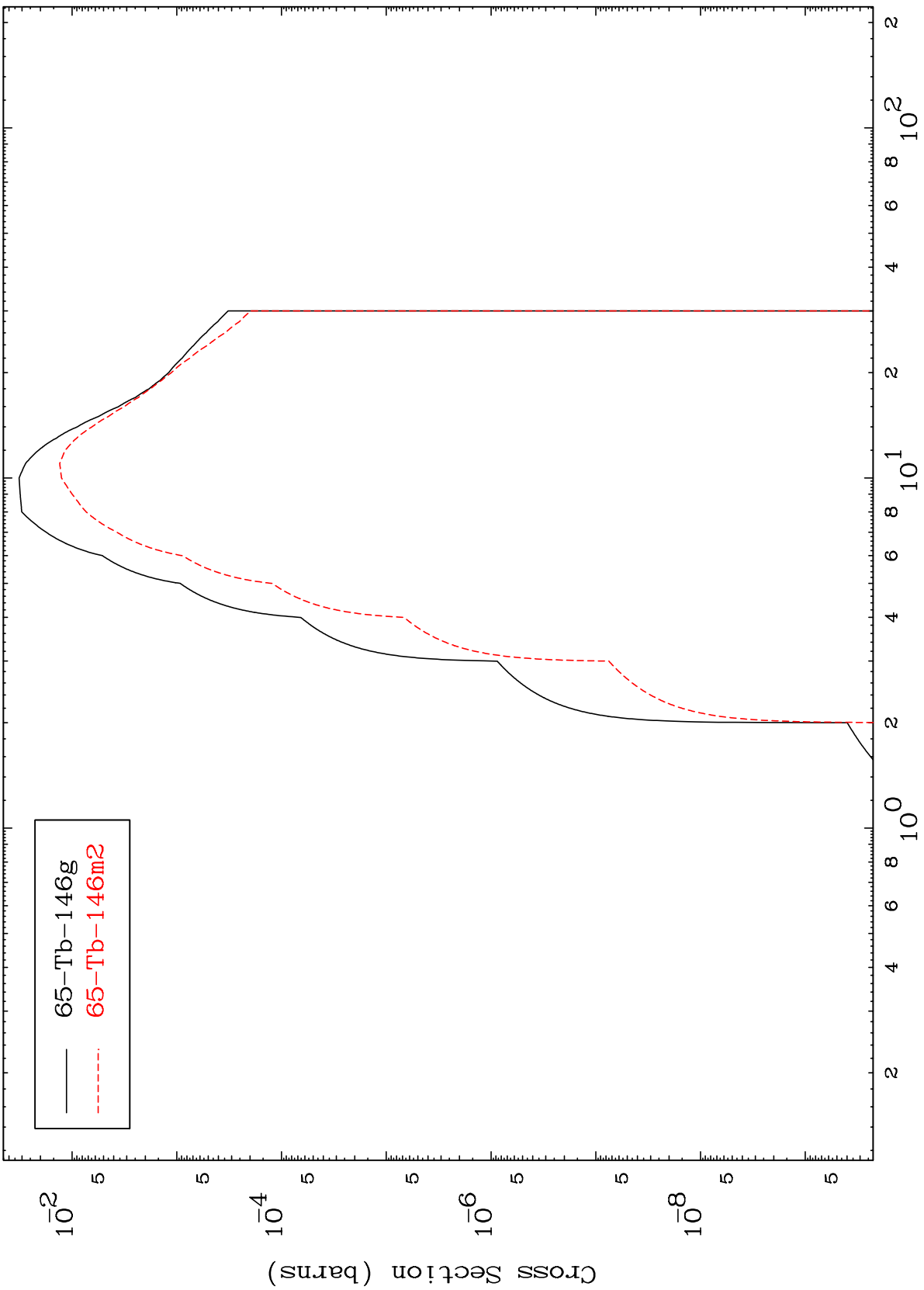
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(p, γ)
Radionuclide Production Cross Section



64-Gd-145

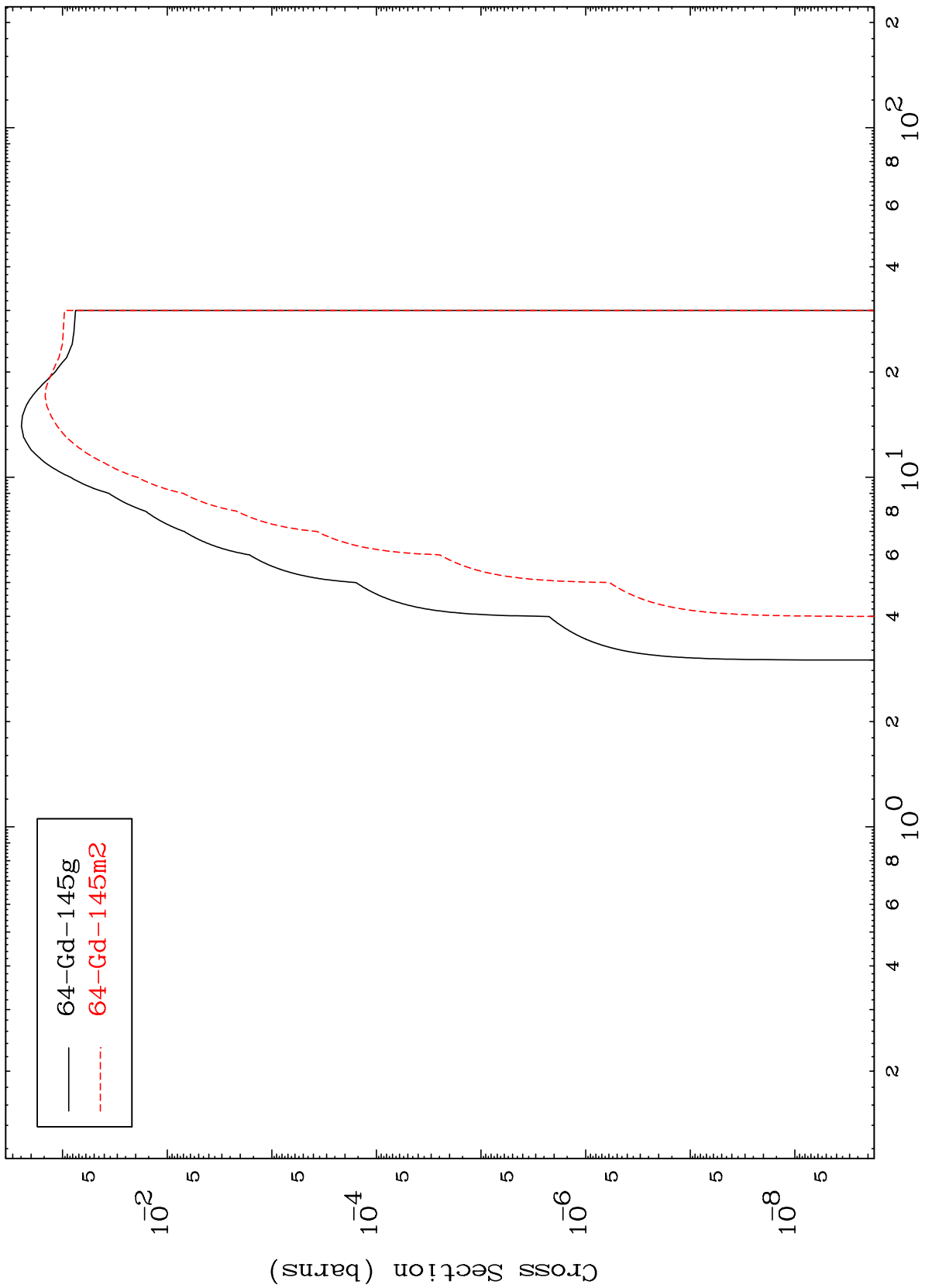
Incident Energy (MeV)

17

MAT 6404

64-Gd-145

Radionuclide Production Cross Section (p,p)



18

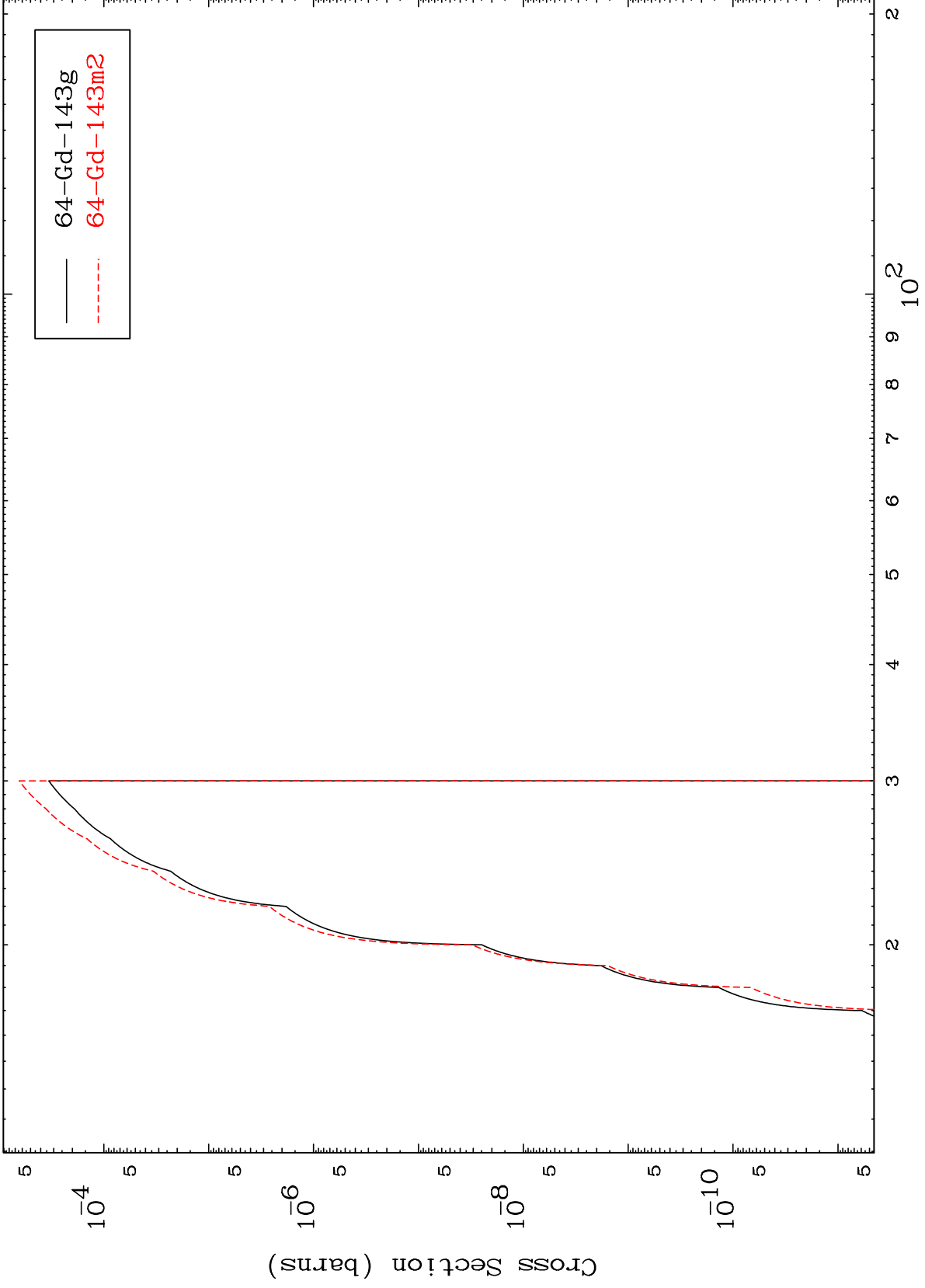
64-Gd-145

Incident Energy (MeV)

MAT 6404

64-Gd-145

(p, t)
Radionuclide Production Cross Section



19

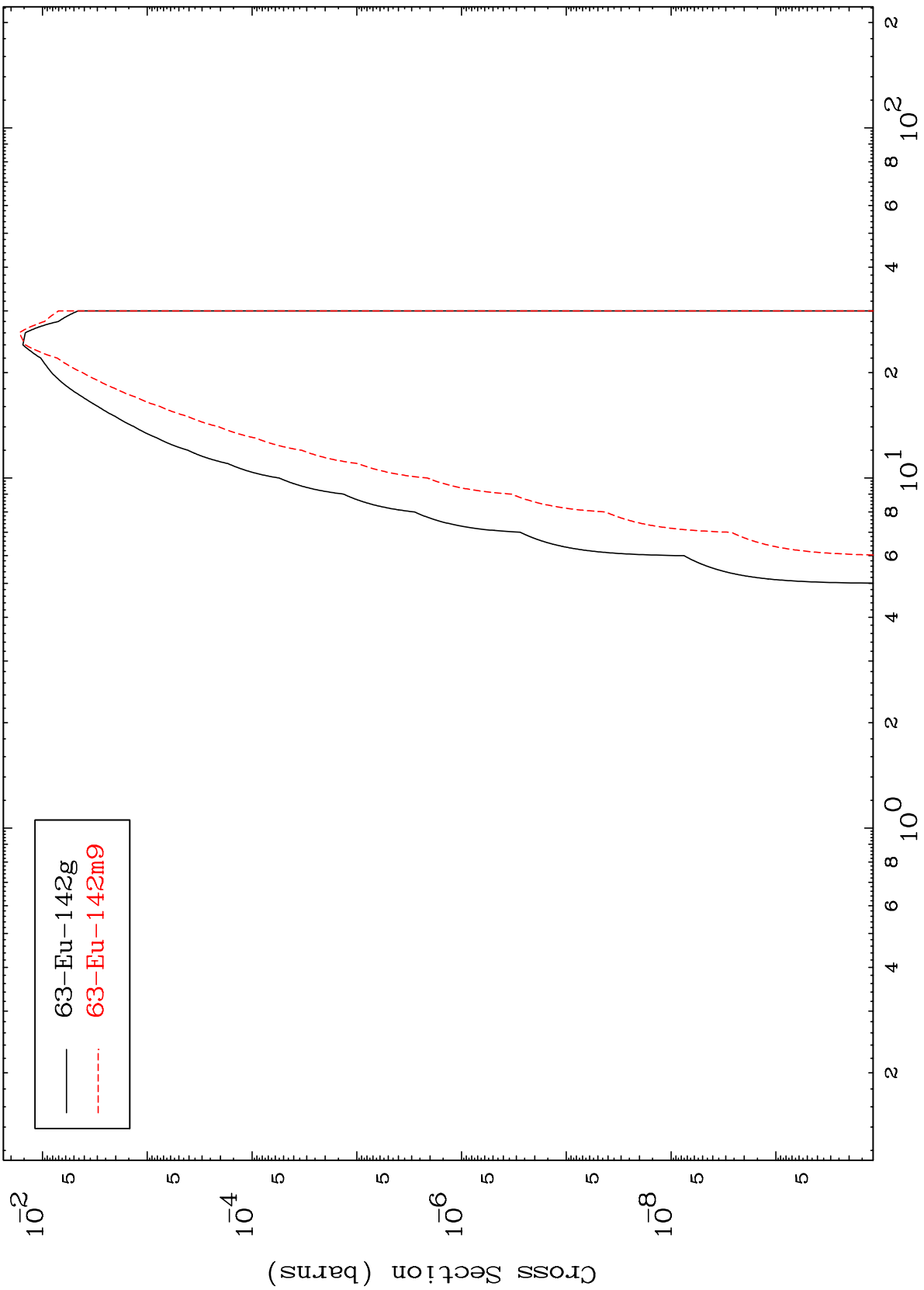
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

Radionuclide Production Cross Section
(p, α)



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

64-Gd-145

Incident Energy (MeV)

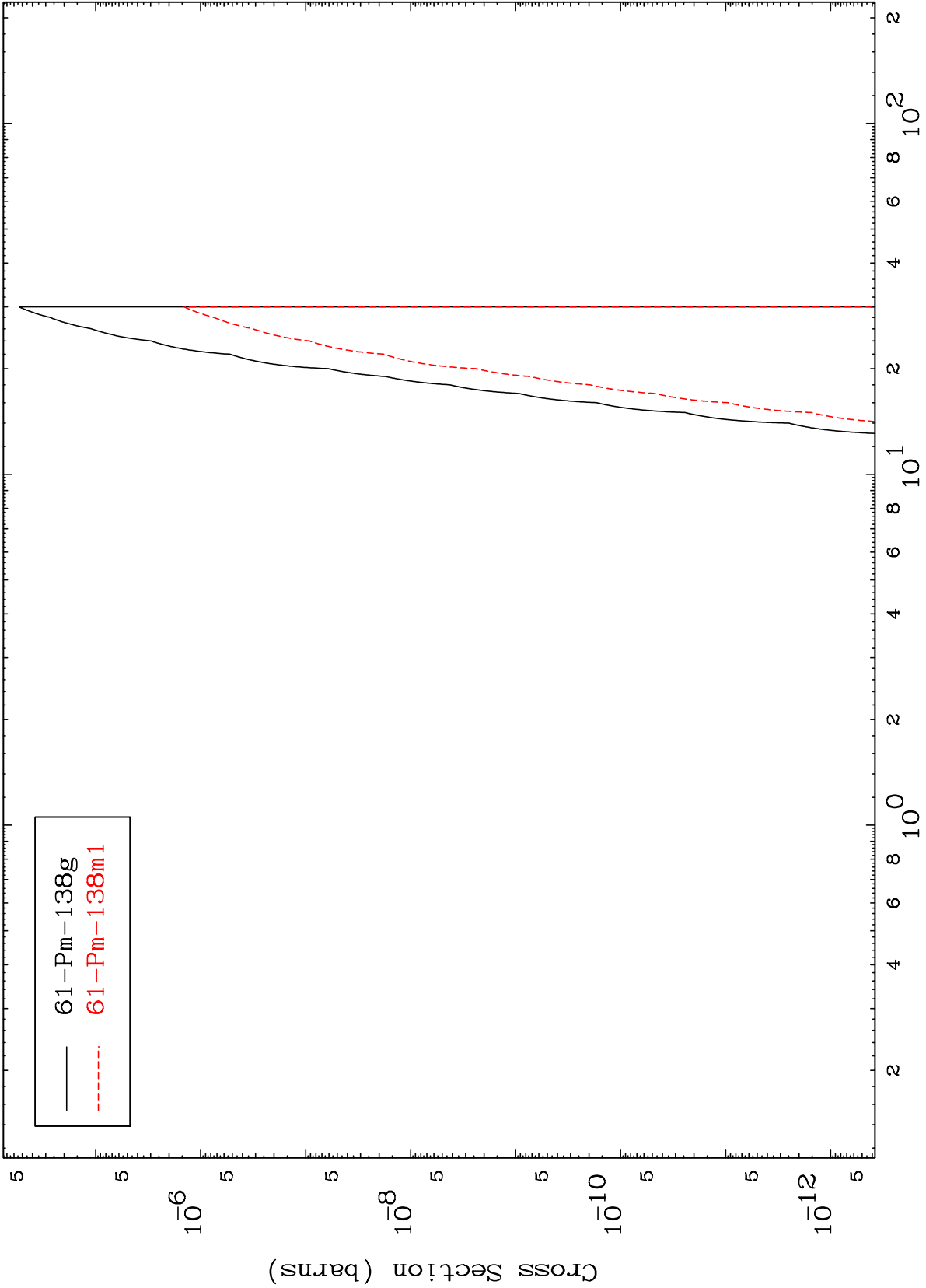
20

MAT 6404

(p,2 α)

64-Gd-145

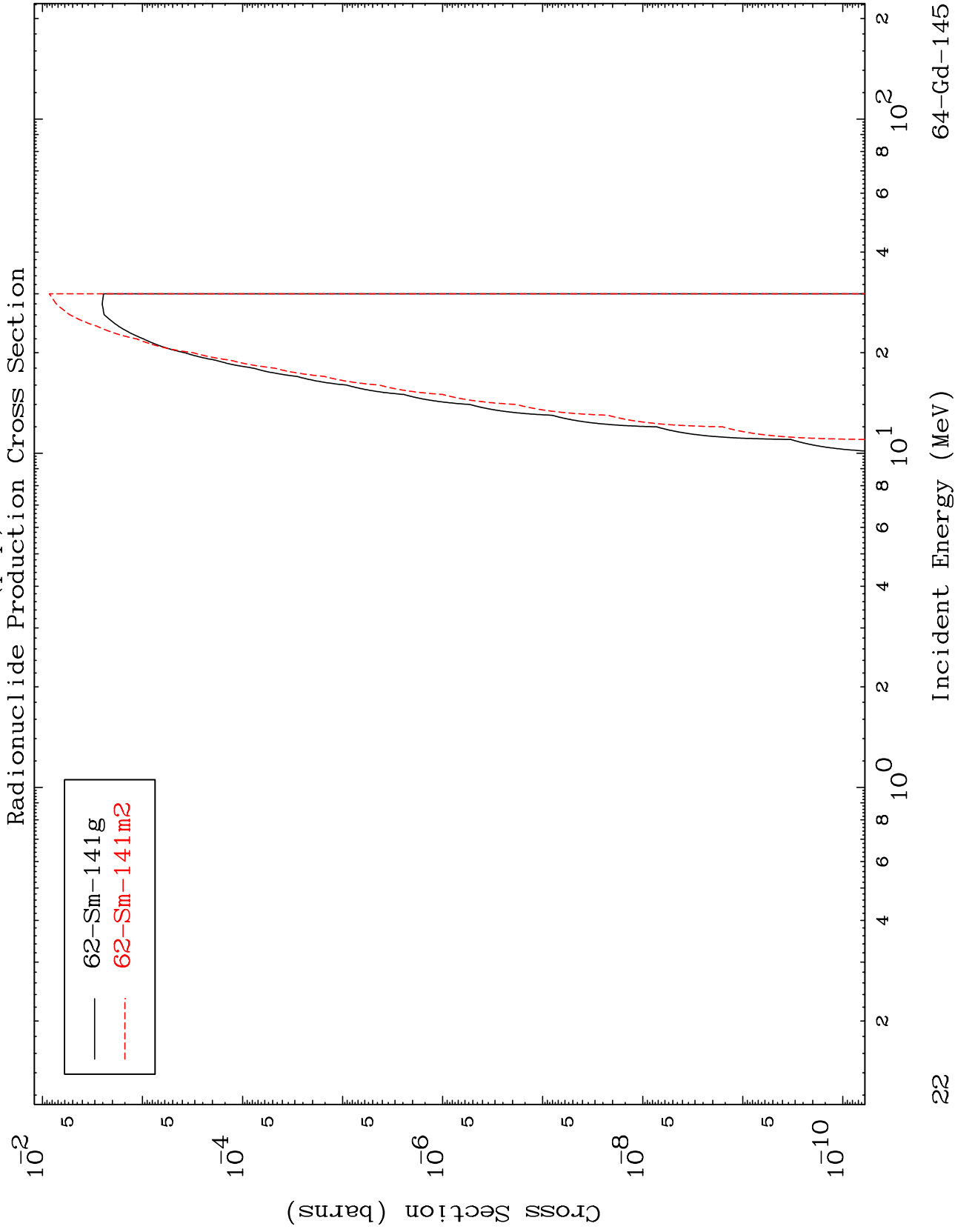
Radionuclide Production Cross Section



MAT 6404

(p,p) α

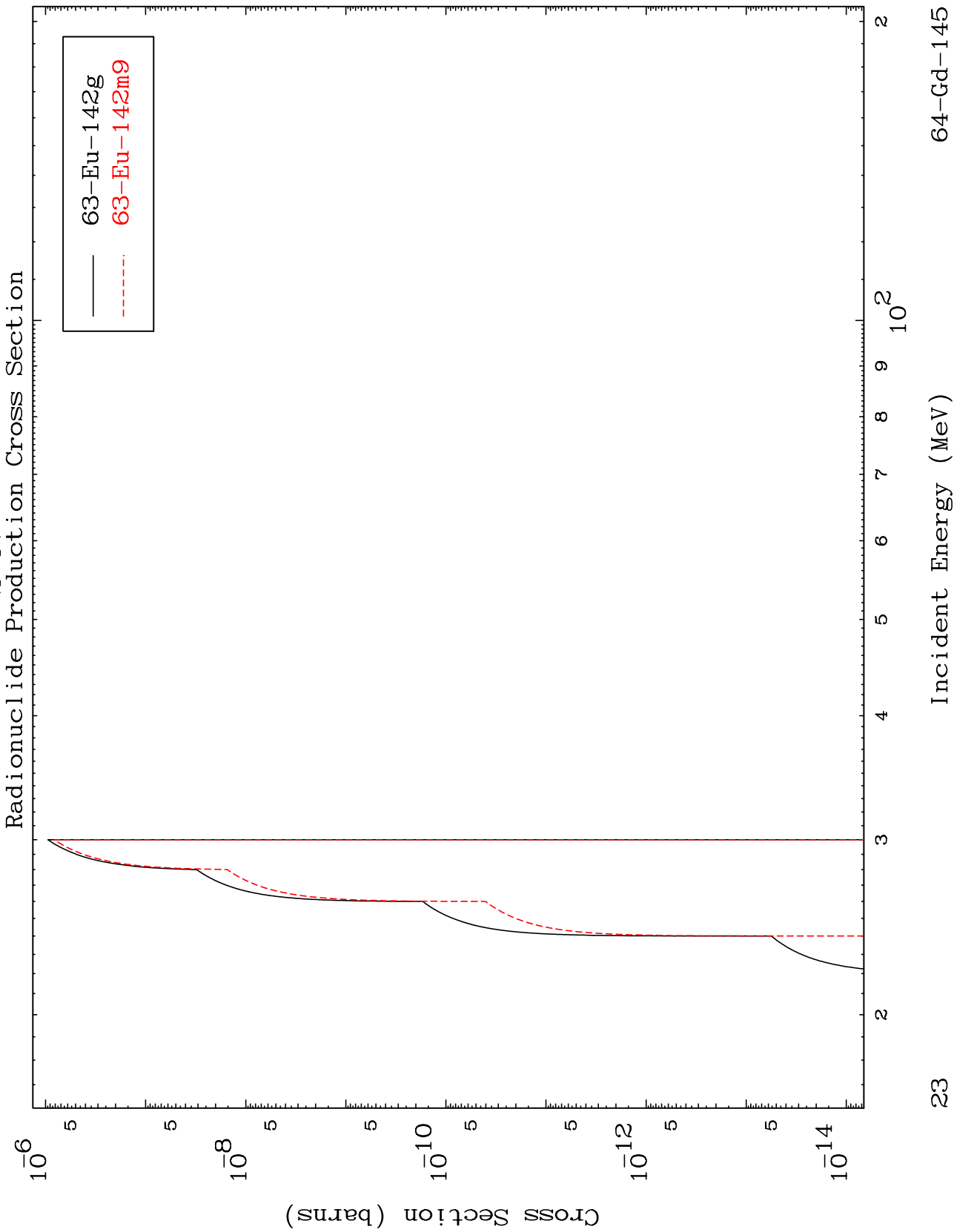
64-Gd-145



MAT 6404

(p,p) t

64-Gd-145



23

64-Gd-145