

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

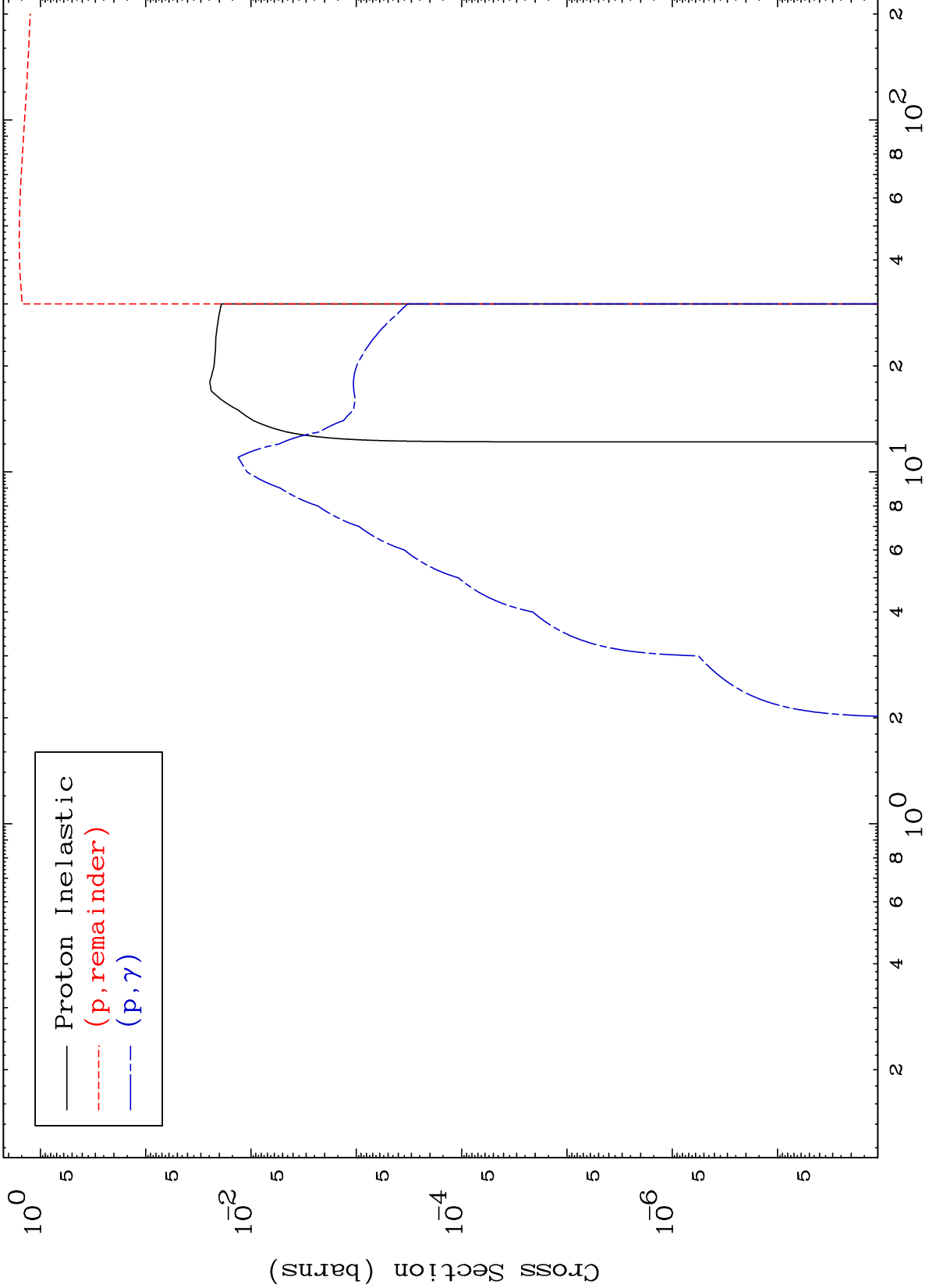
Press Mouse Button to Start

MAT 6389

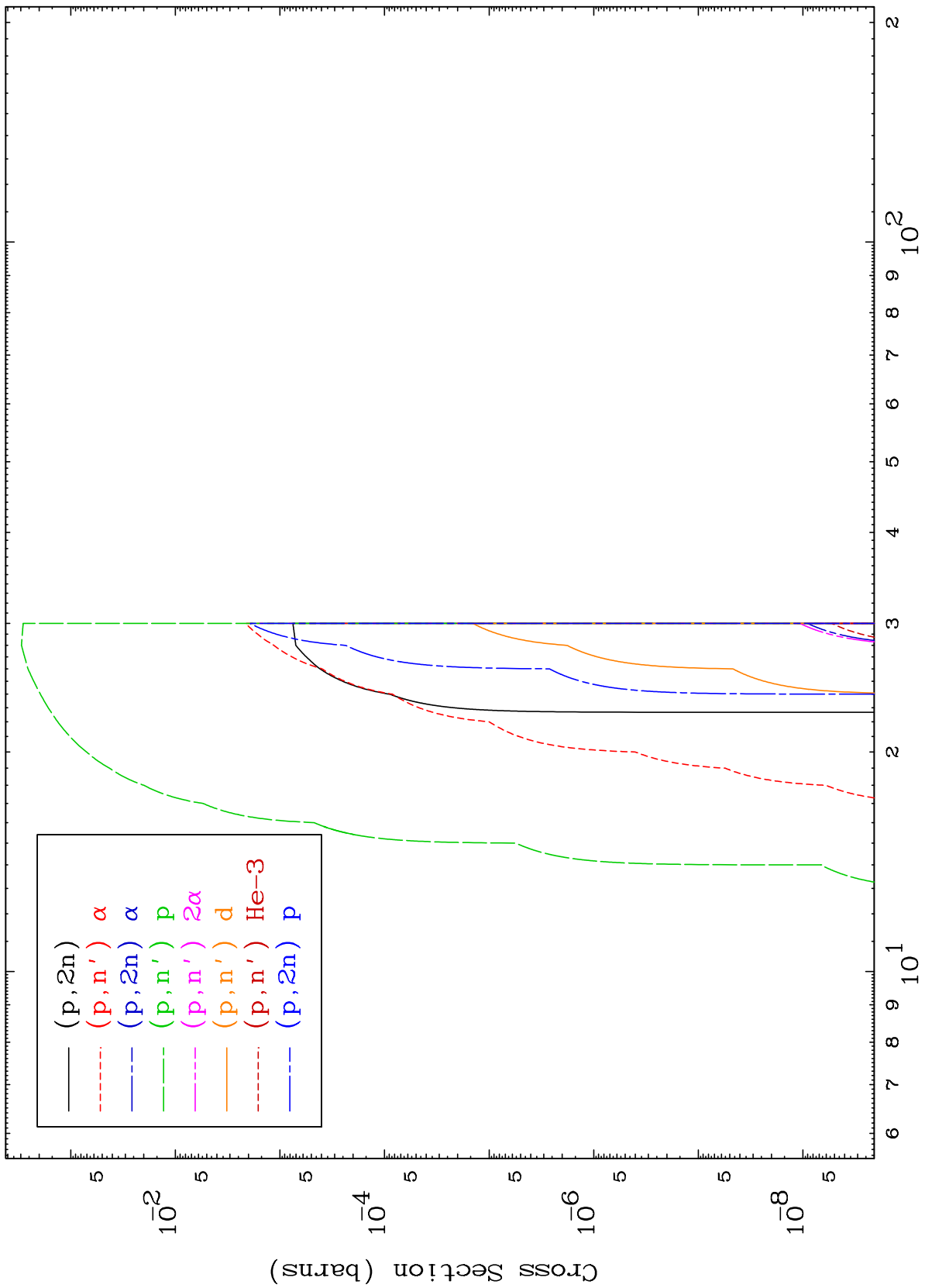
Proton Major

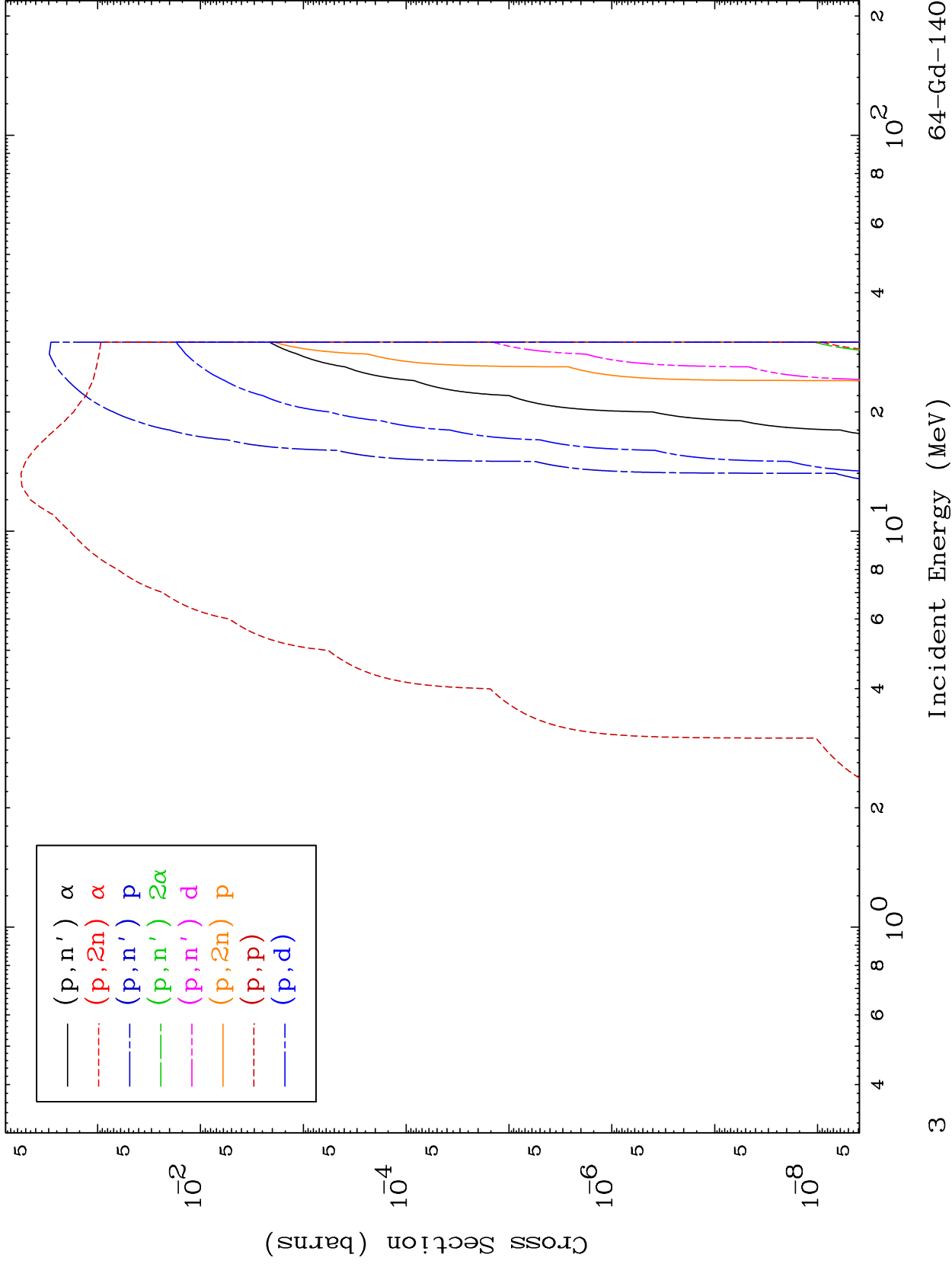
64-Gd-140

0 Kelvin Cross Sections



— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

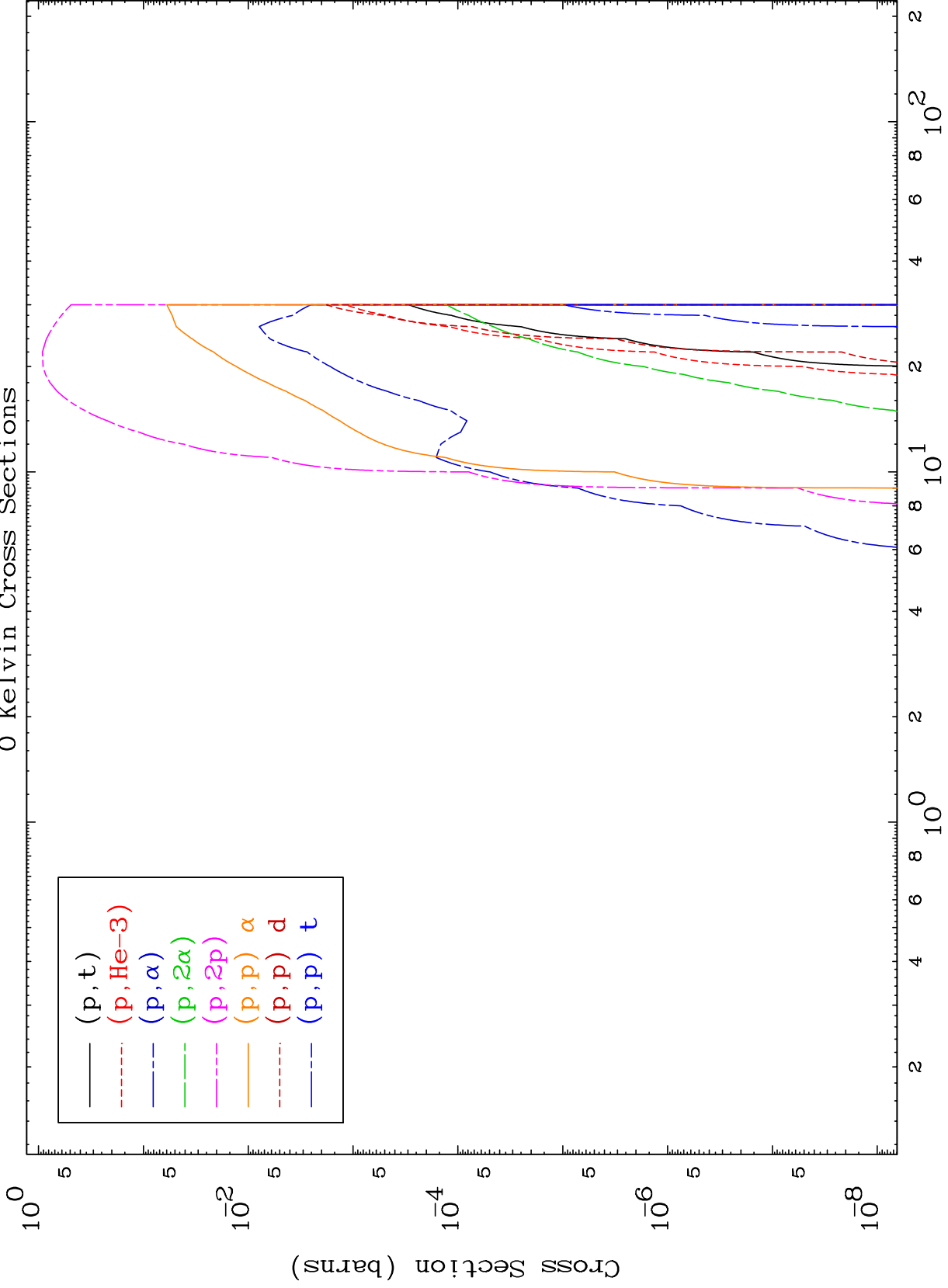




MAT 6389

Proton Charged Particle
0 Kelvin Cross Sections

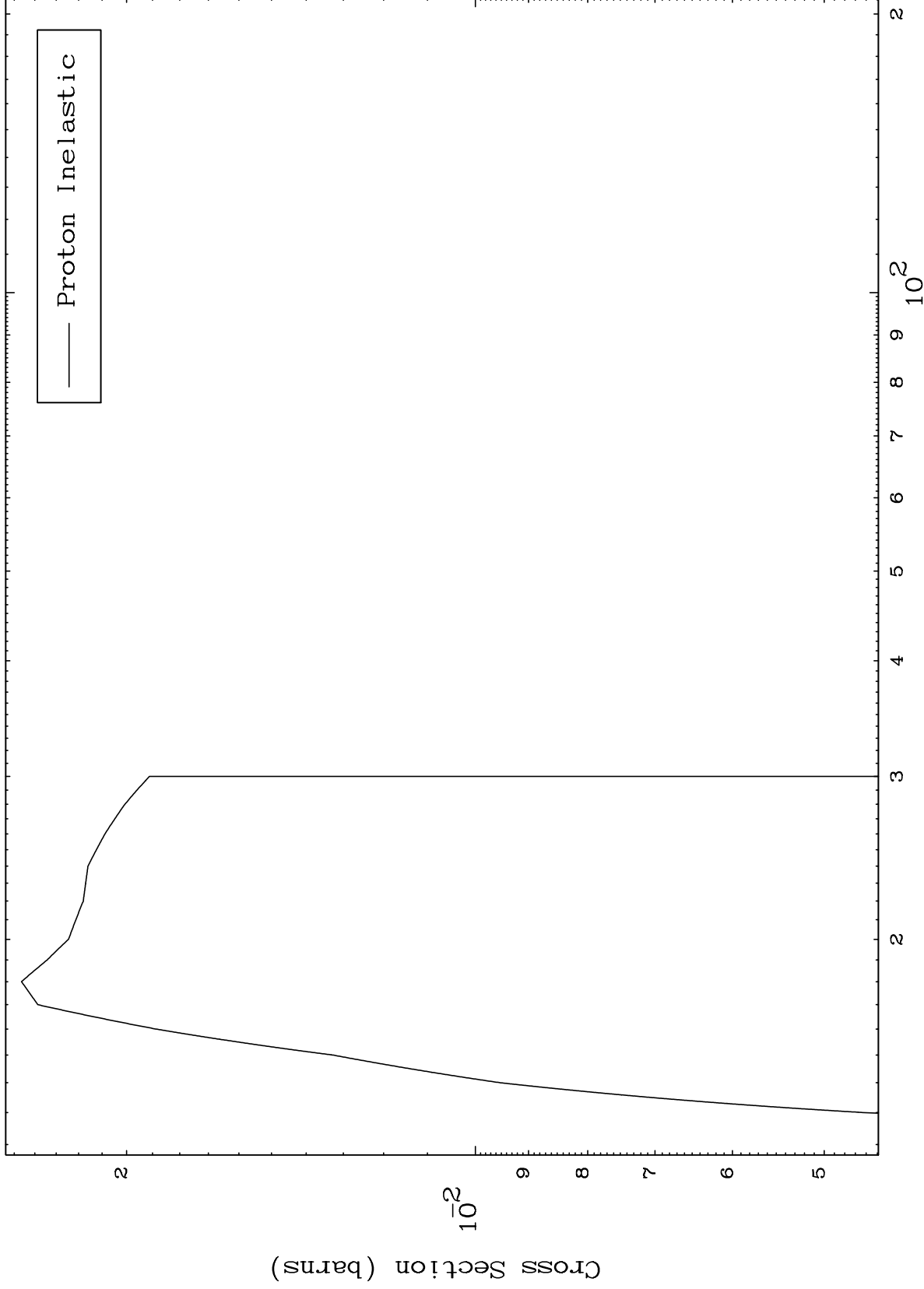
64-Gd-140



MAT 6389

(p,n') Level
0 Kelvin Cross Sections

64-Gd-140



Proton Inelastic

5

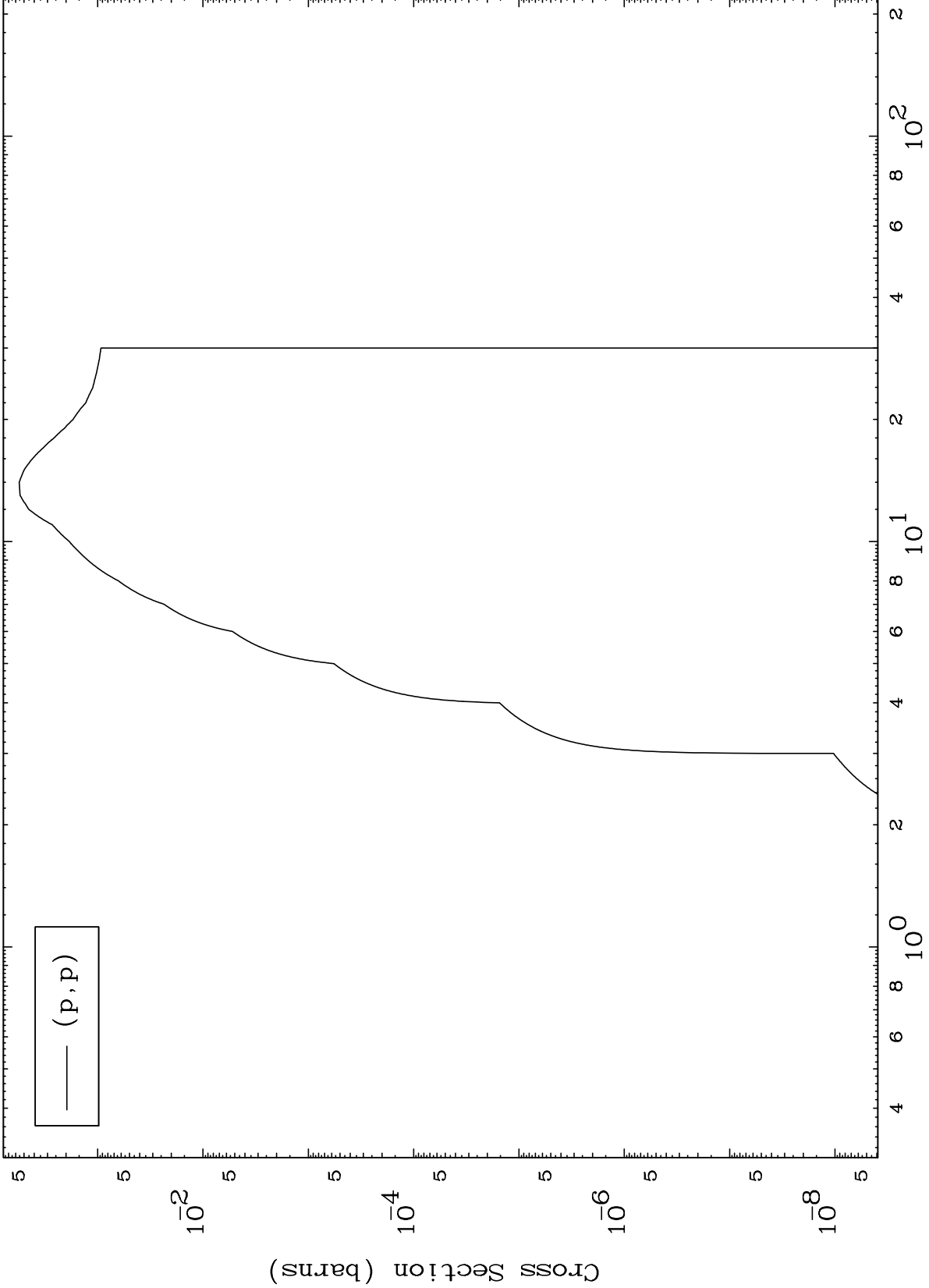
Incident Energy (MeV)

64-Gd-140

MAT 6389

(p,p) Levels
0 Kelvin Cross Sections

64-Gd-140



6

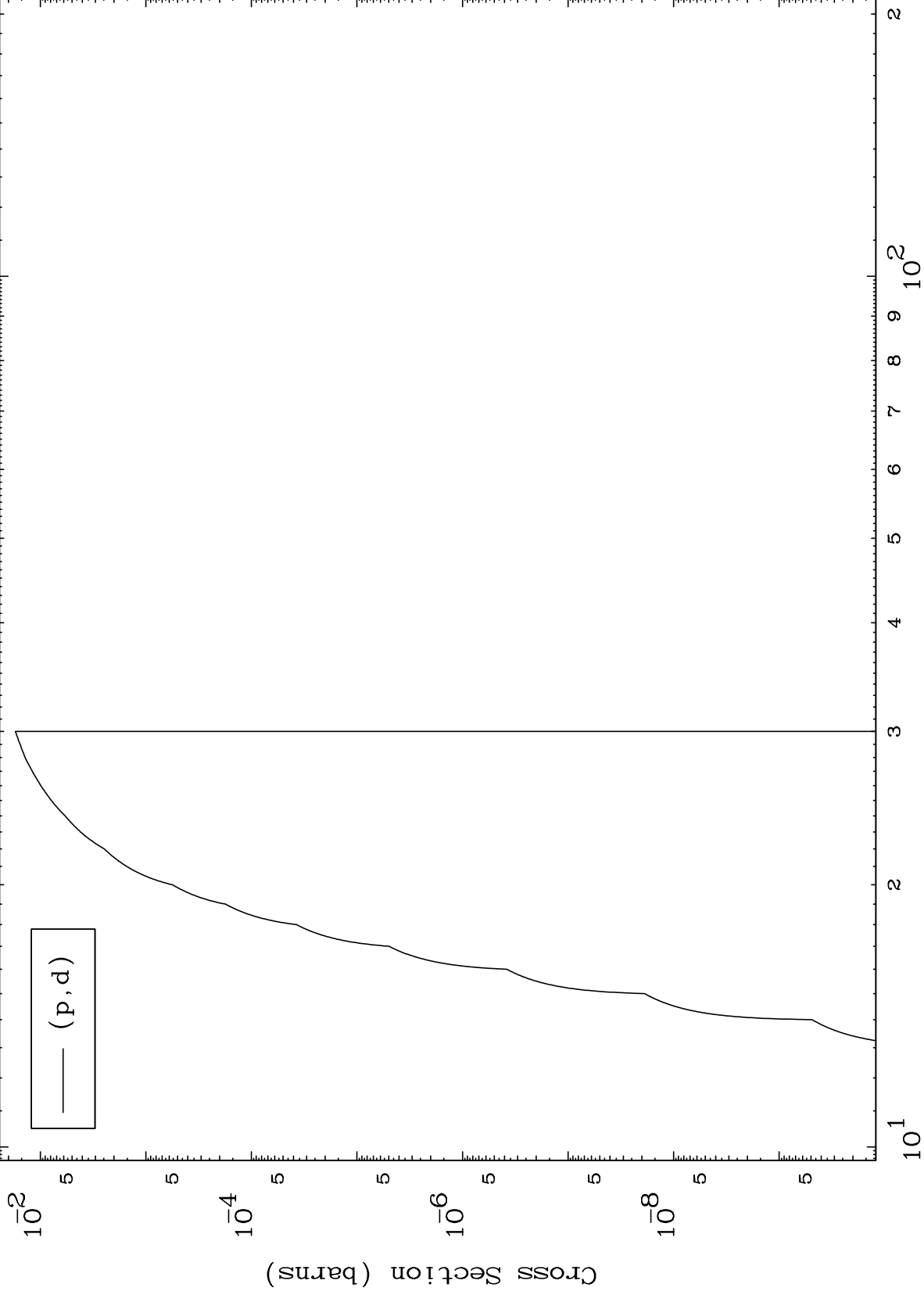
Incident Energy (MeV)

64-Gd-140

MAT 6389

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-140



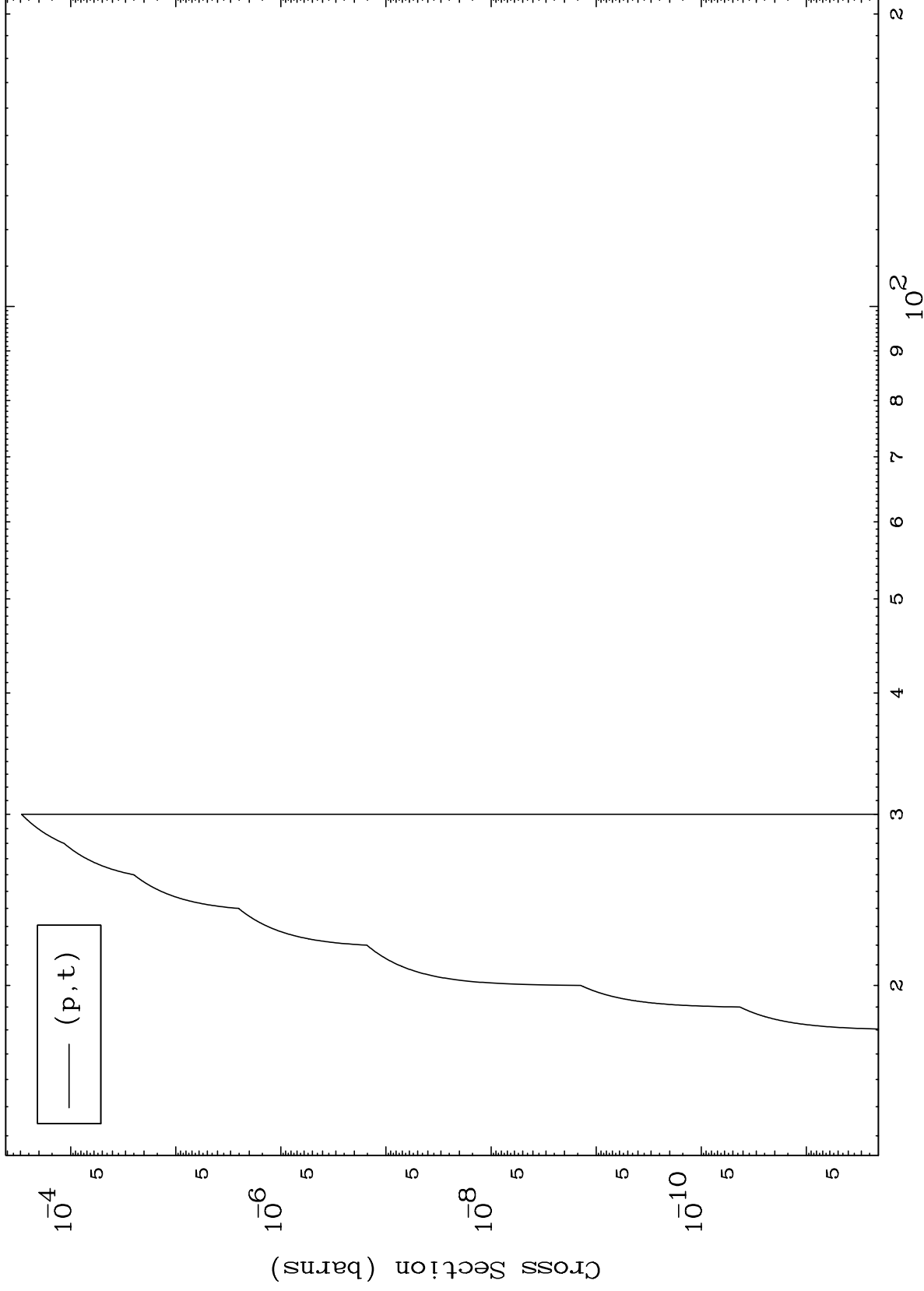
Incident Energy (MeV)

64-Gd-140

MAT 6389

(p,t) Levels
0 Kelvin Cross Sections

64-Gd-140



8

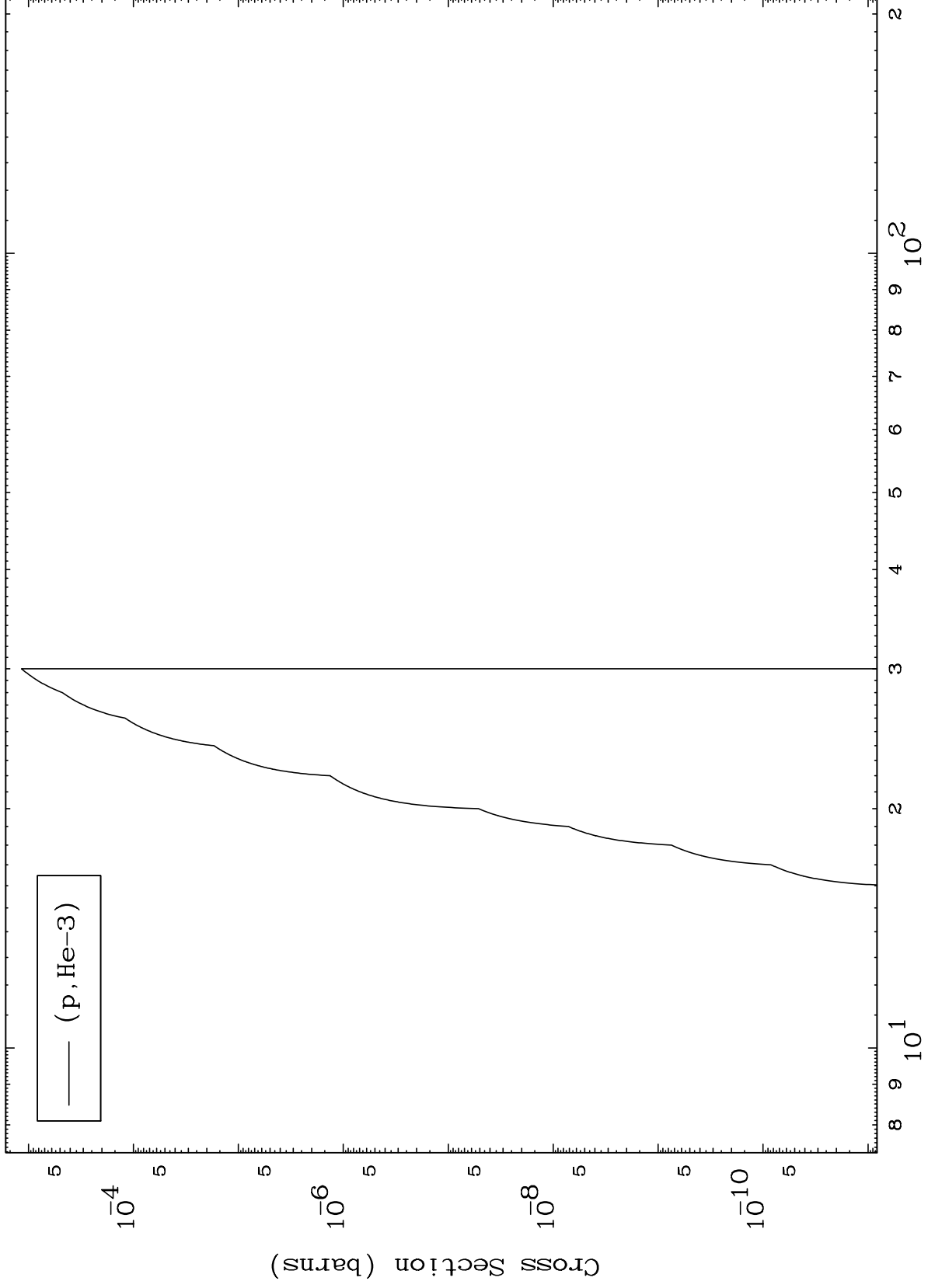
Incident Energy (MeV)

64-Gd-140

MAT 6389

(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-140



9

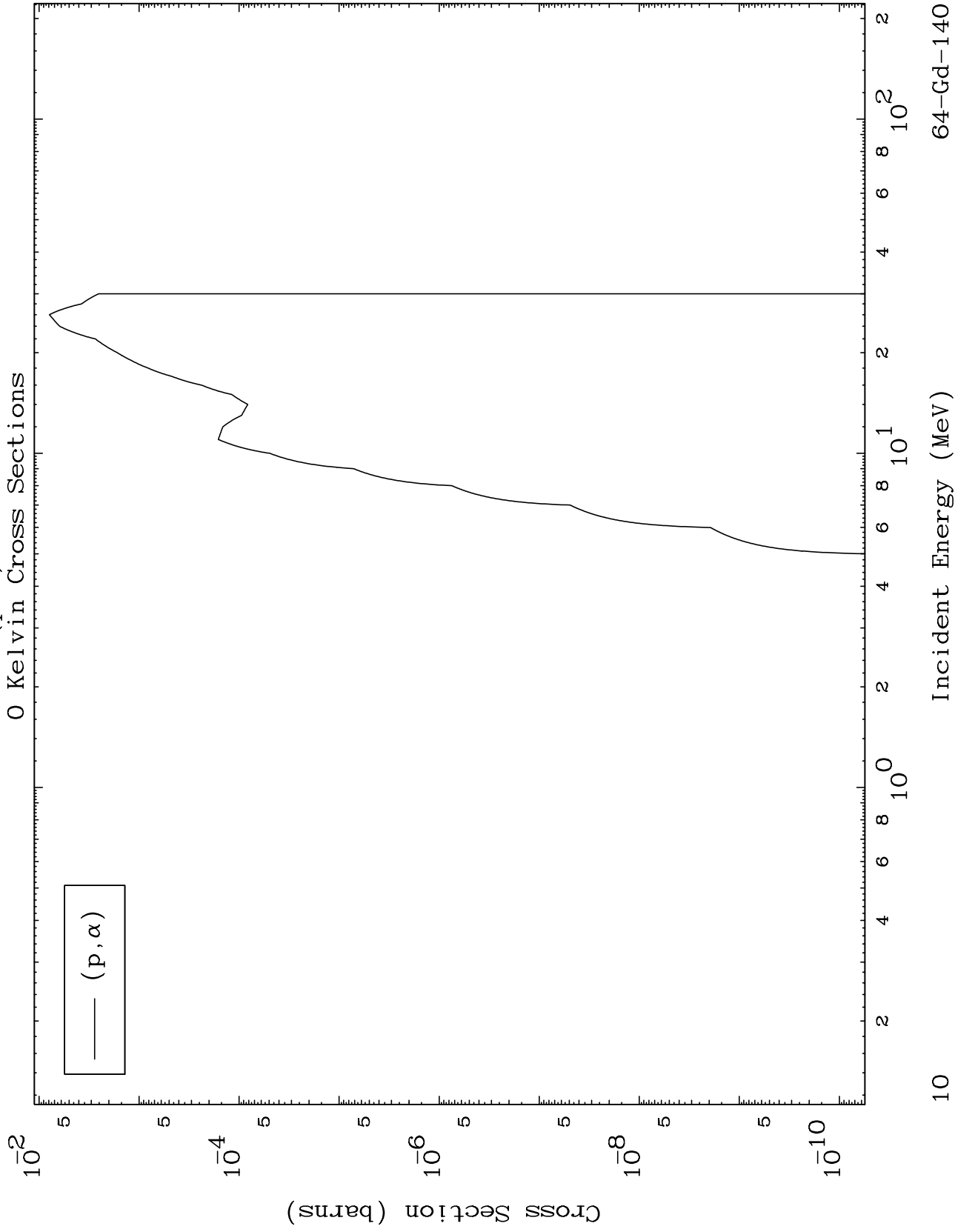
Incident Energy (MeV)

64-Gd-140

MAT 6389

(p, α) Levels

64-Gd-140



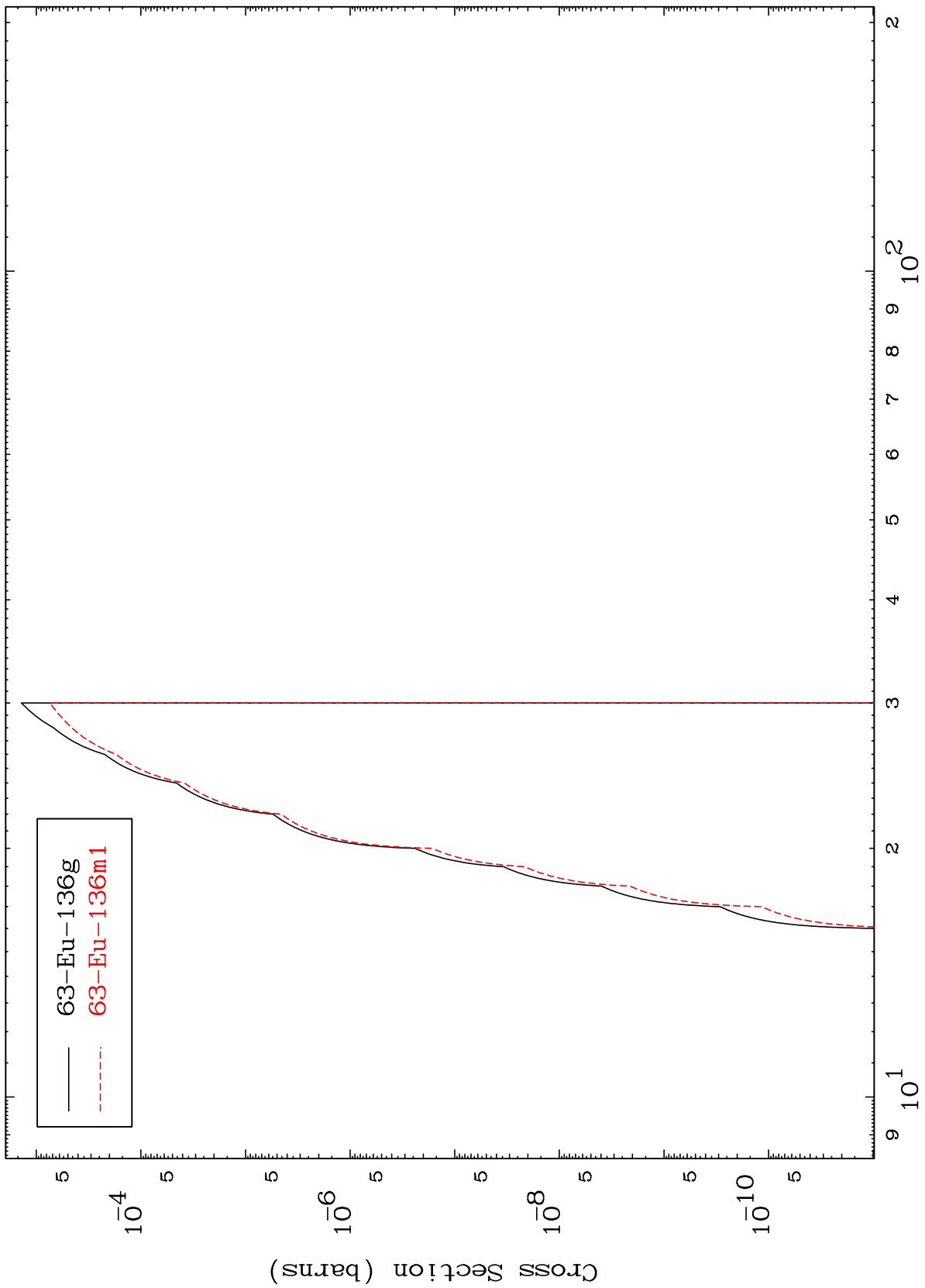
10

MAT 6389

(p,n') α

64-Gd-140

Radionuclide Production Cross Section

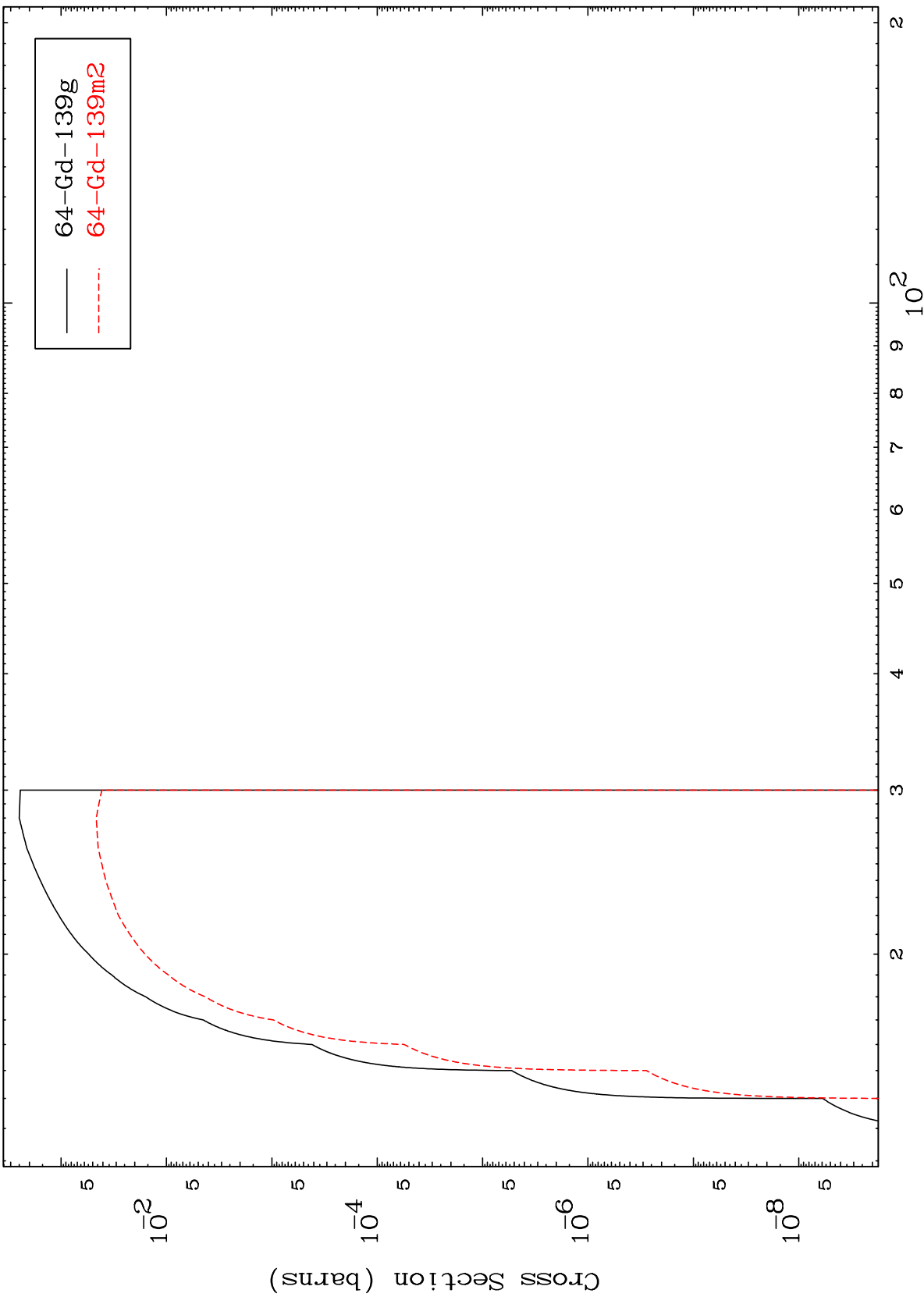


11

Incident Energy (MeV)

64-Gd-140

Radionuclide Production Cross Section

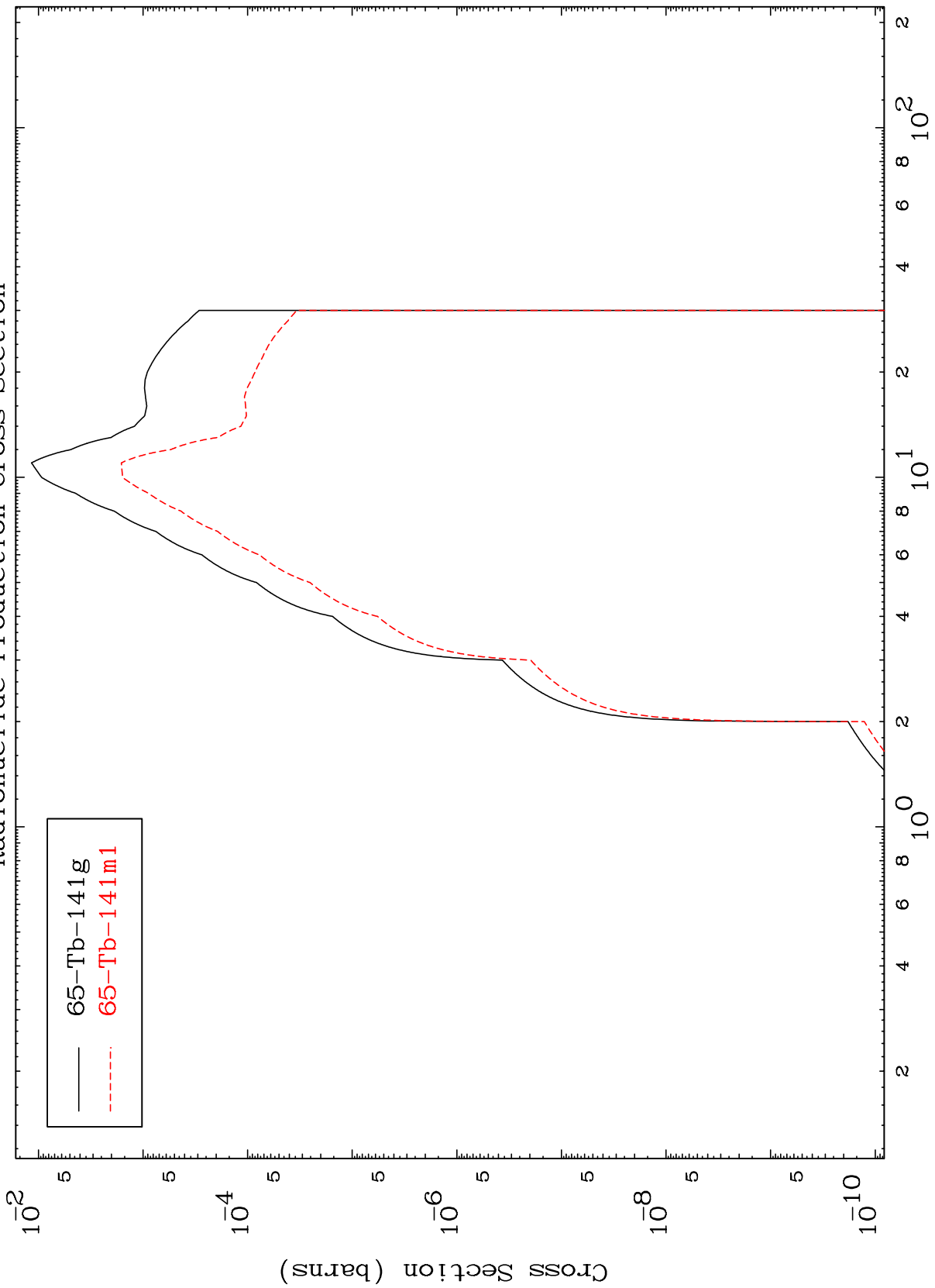


64-Gd-139g
64-Gd-139m2

MAT 6389

64-Gd-140

(p, γ)
Radionuclide Production Cross Section



— 65-Tb-141g
- - - 65-Tb-141m1

64-Gd-140

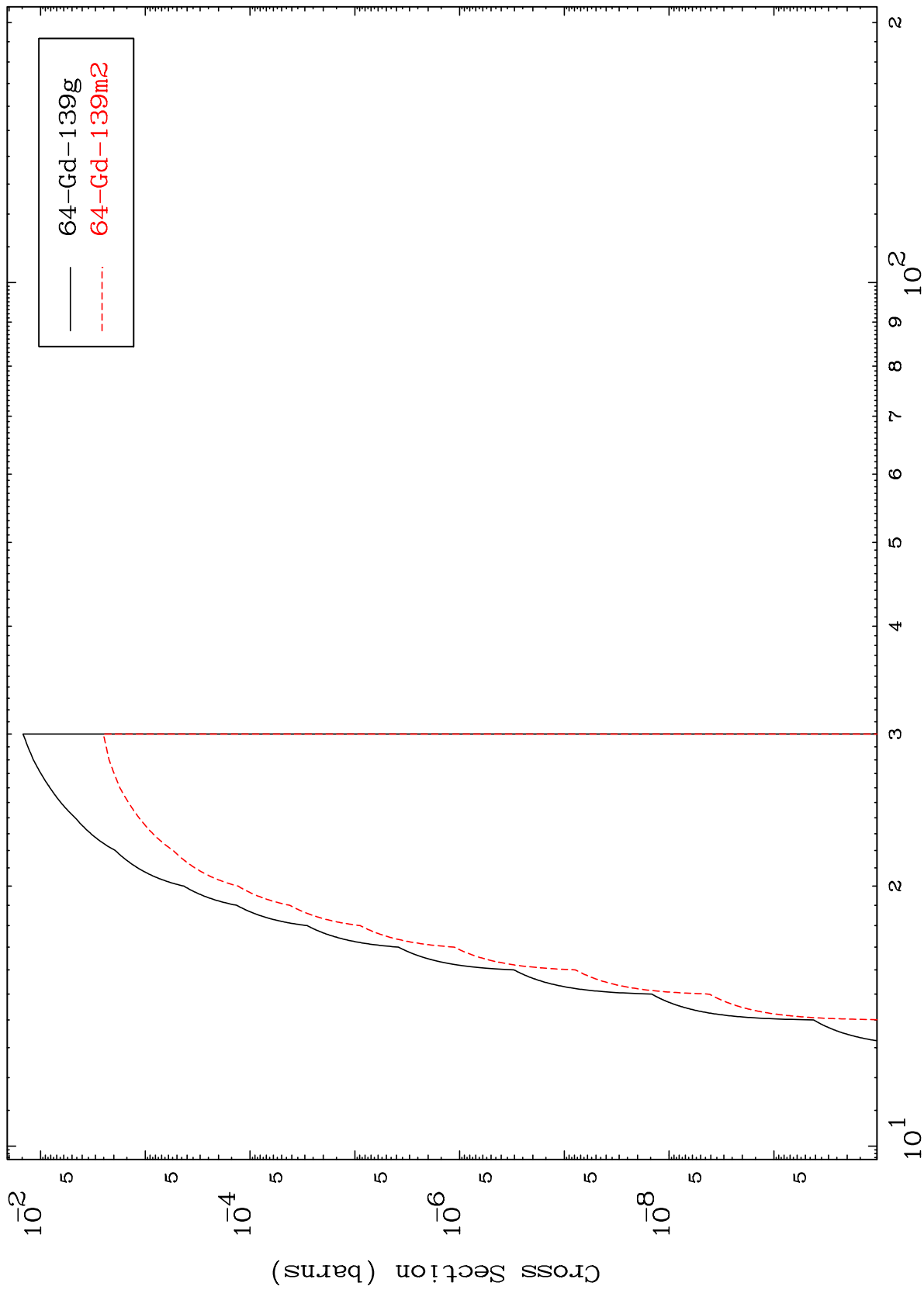
Incident Energy (MeV)

13

MAT 6389

64-Gd-140

(p,d)
Radionuclide Production Cross Section



64-Gd-140

Incident Energy (MeV)

14

MAT 6389

(p,2 α)

64-Gd-140

