

Program EVALPLOT
(Version 2017-1)

by

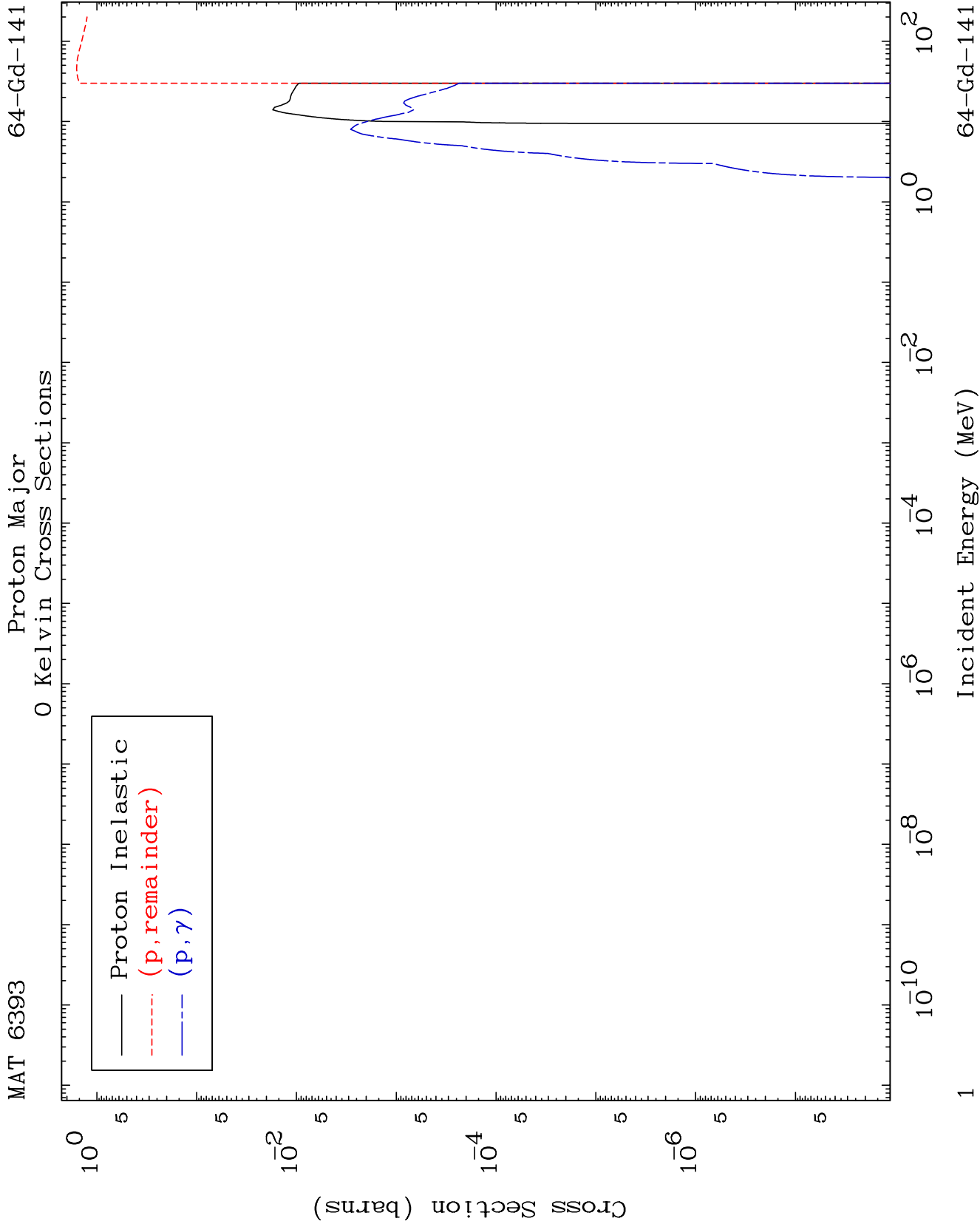
Dermott E. Cullen
(Present Contact Information)

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

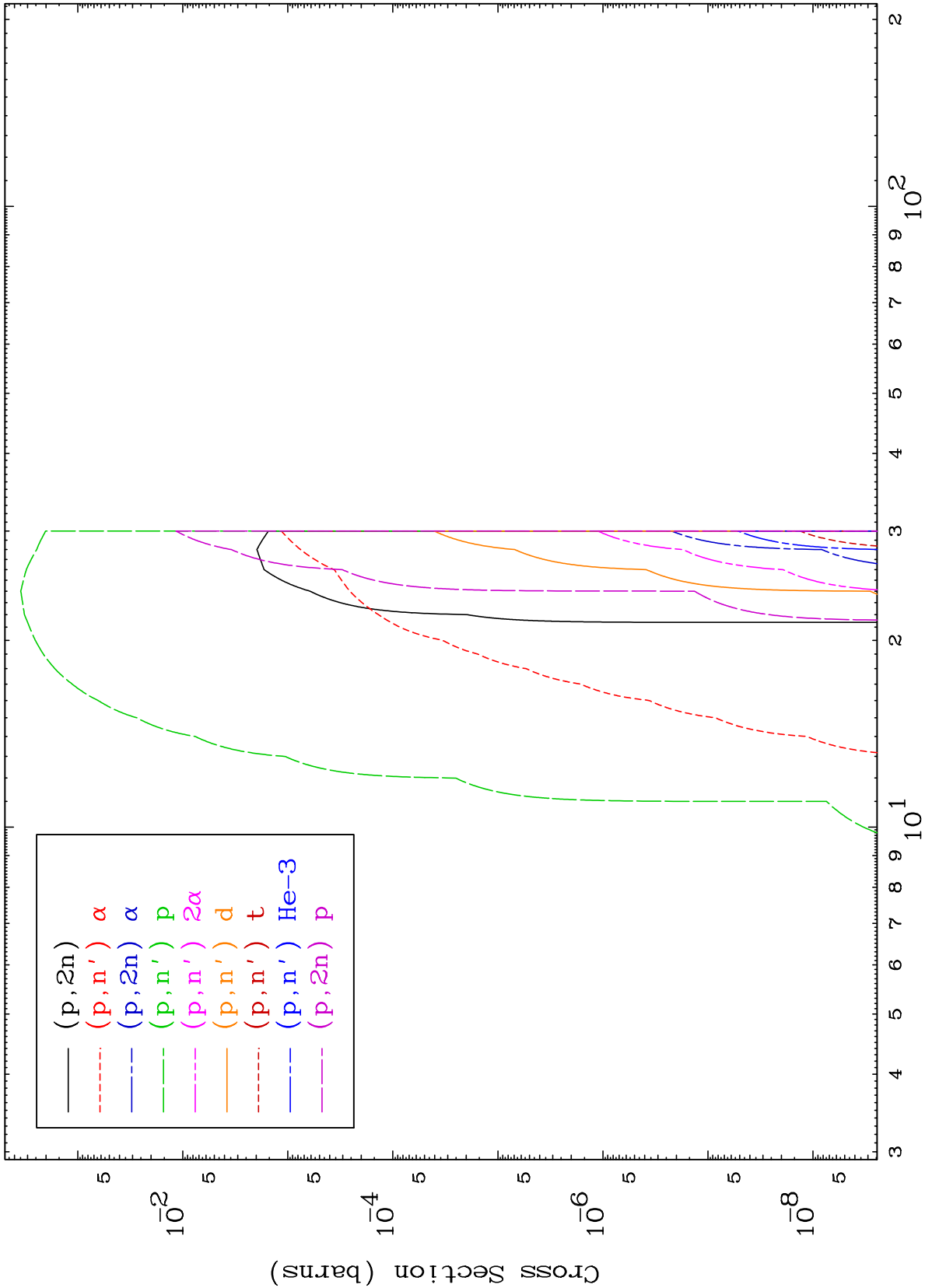
Press Mouse Button to Start



MAT 6393

Proton Neutron Production
0 Kelvin Cross Sections

64-Gd-141



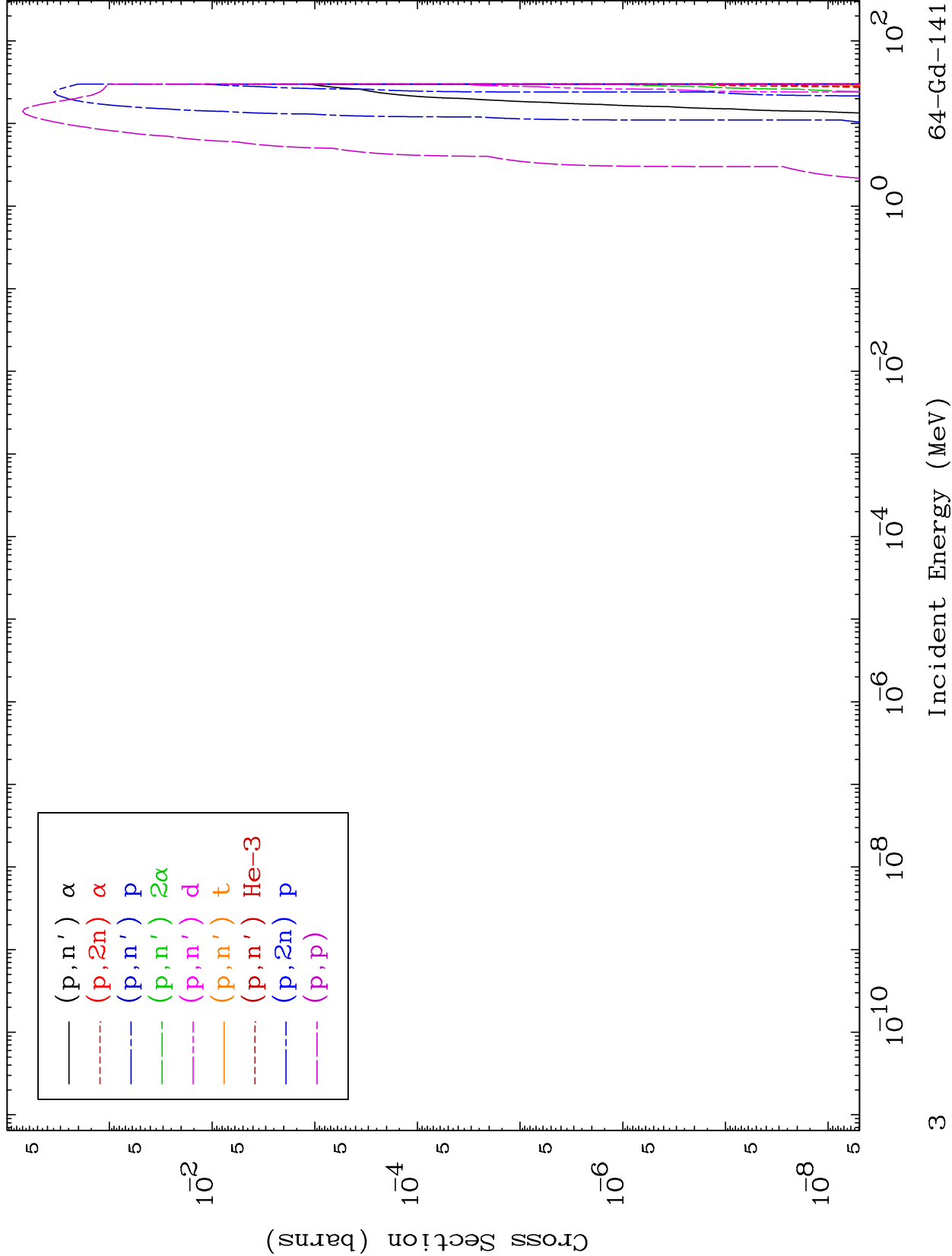
Incident Energy (MeV)

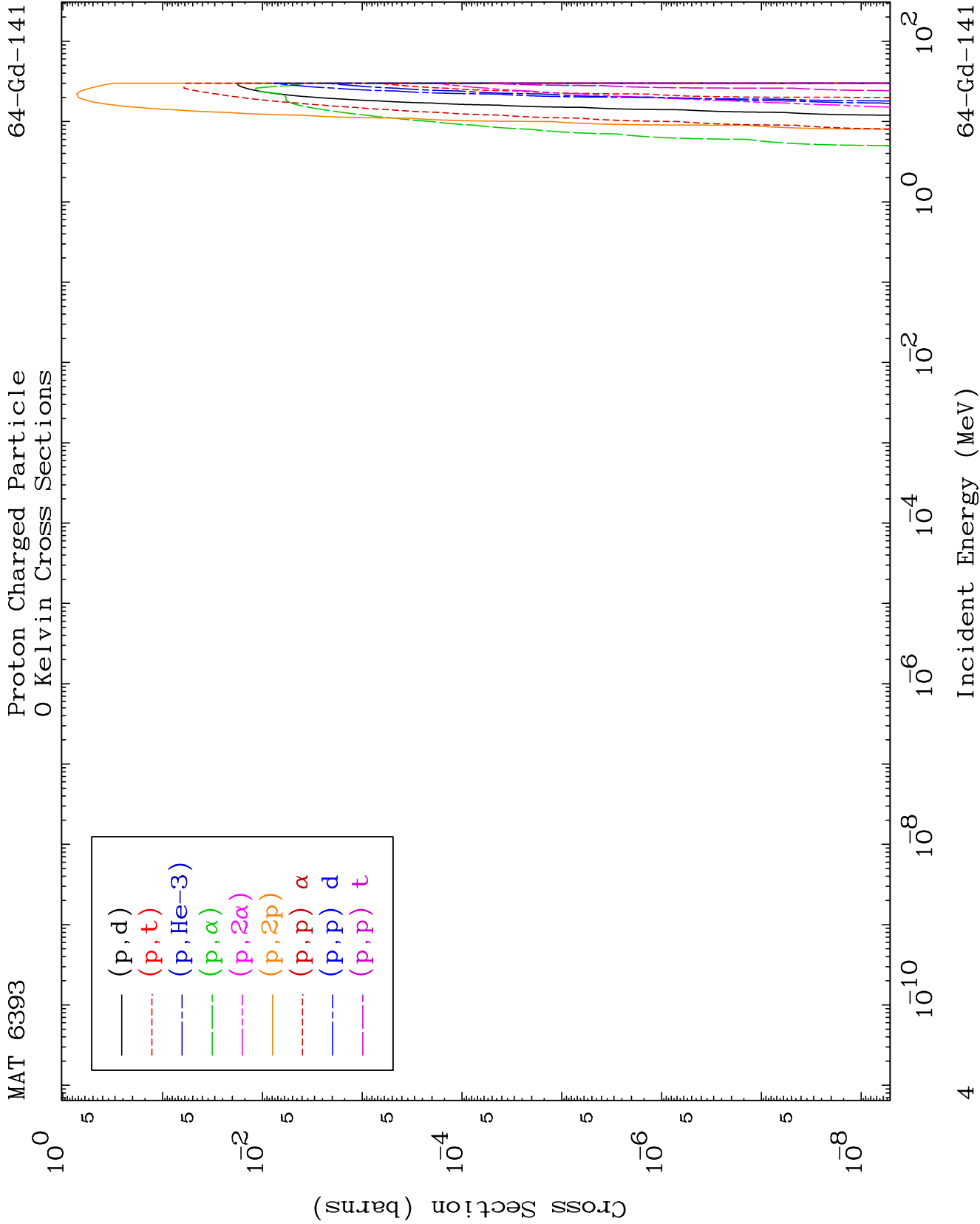
64-Gd-141

MAT 6393

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-141

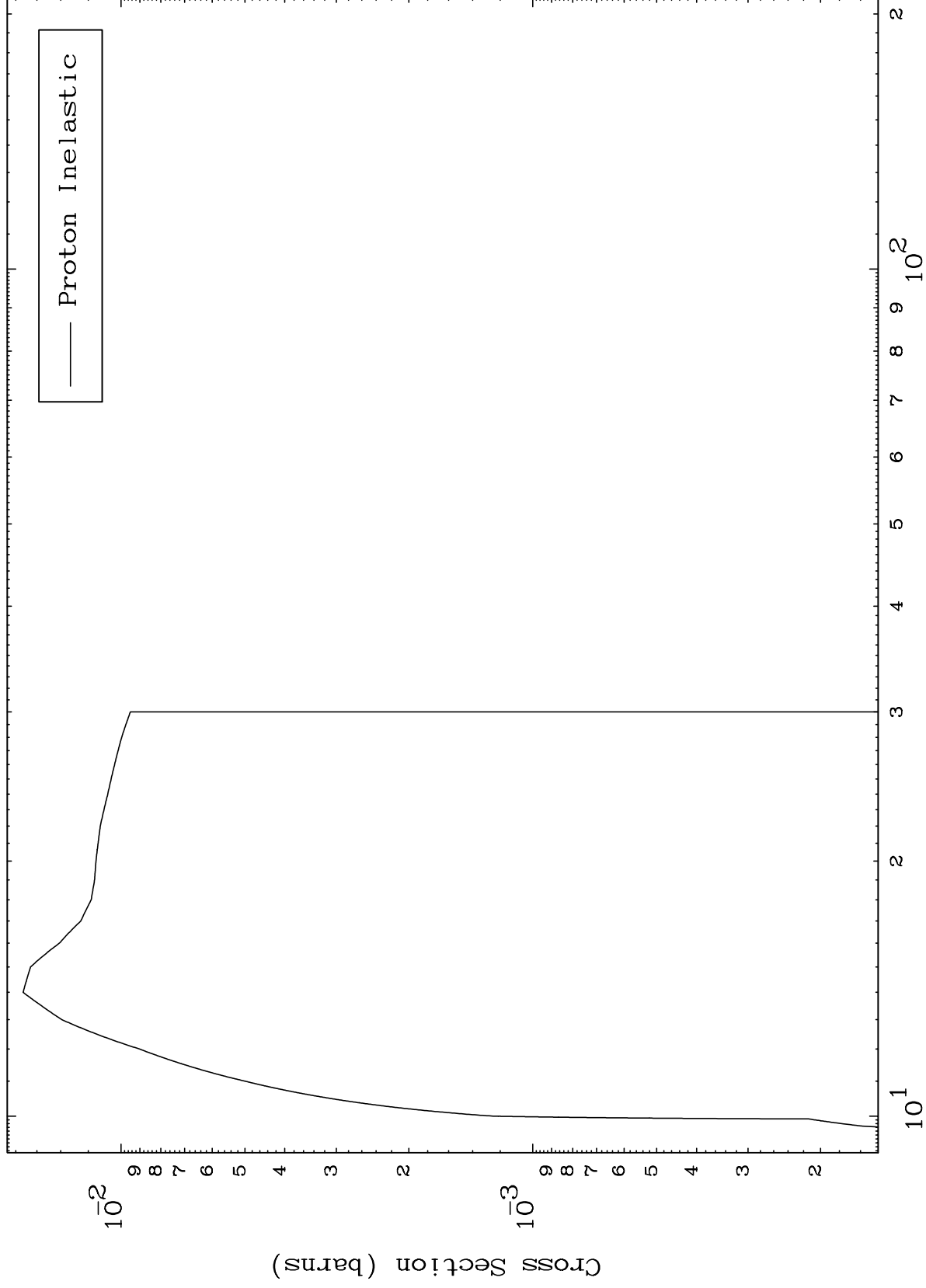




MAT 6393

64-Gd-141

(p,n') Level
0 Kelvin Cross Sections



64-Gd-141

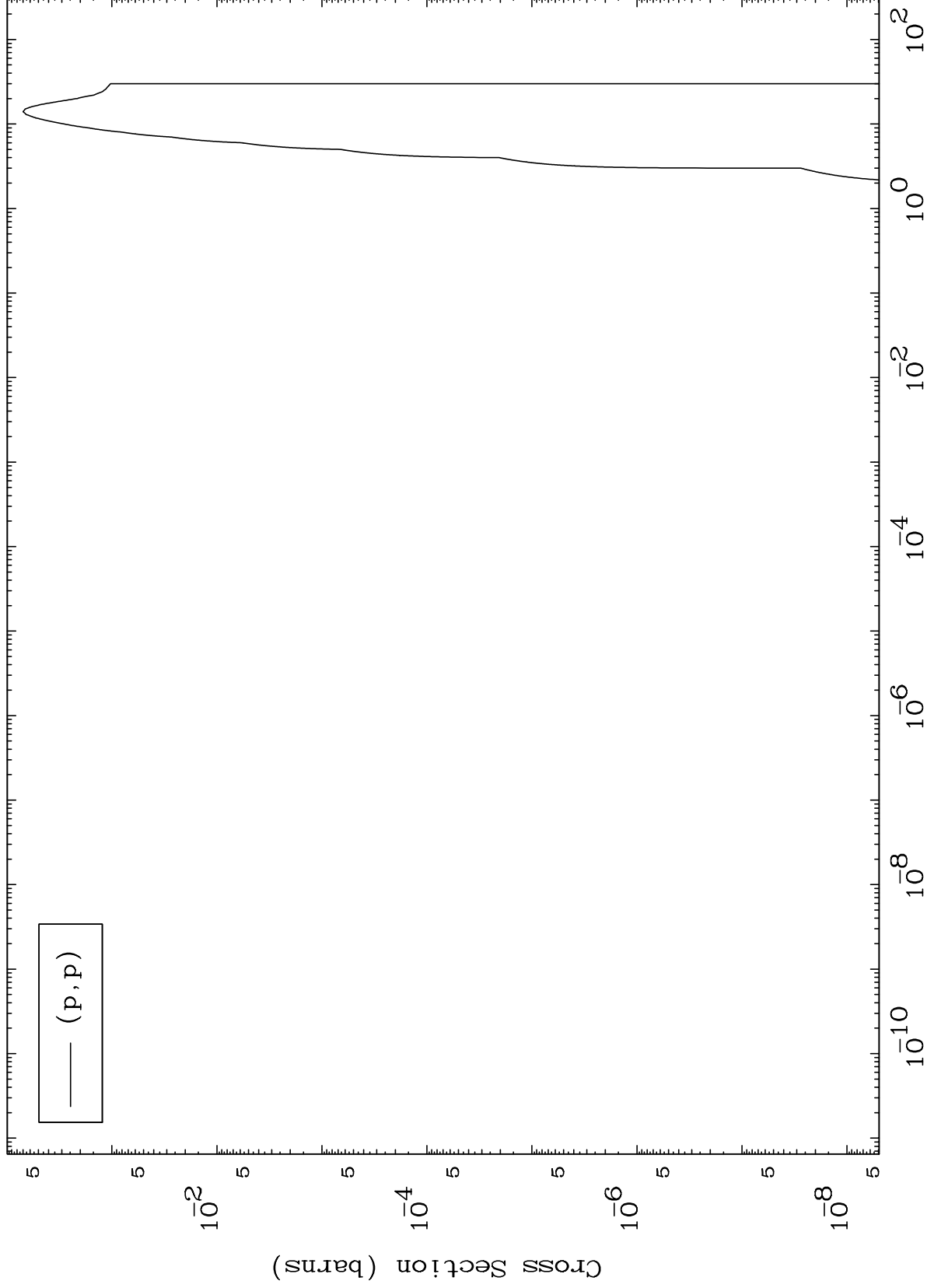
Incident Energy (MeV)

5

MAT 6393

64-Gd-141

(p,p) Levels
0 Kelvin Cross Sections



64-Gd-141

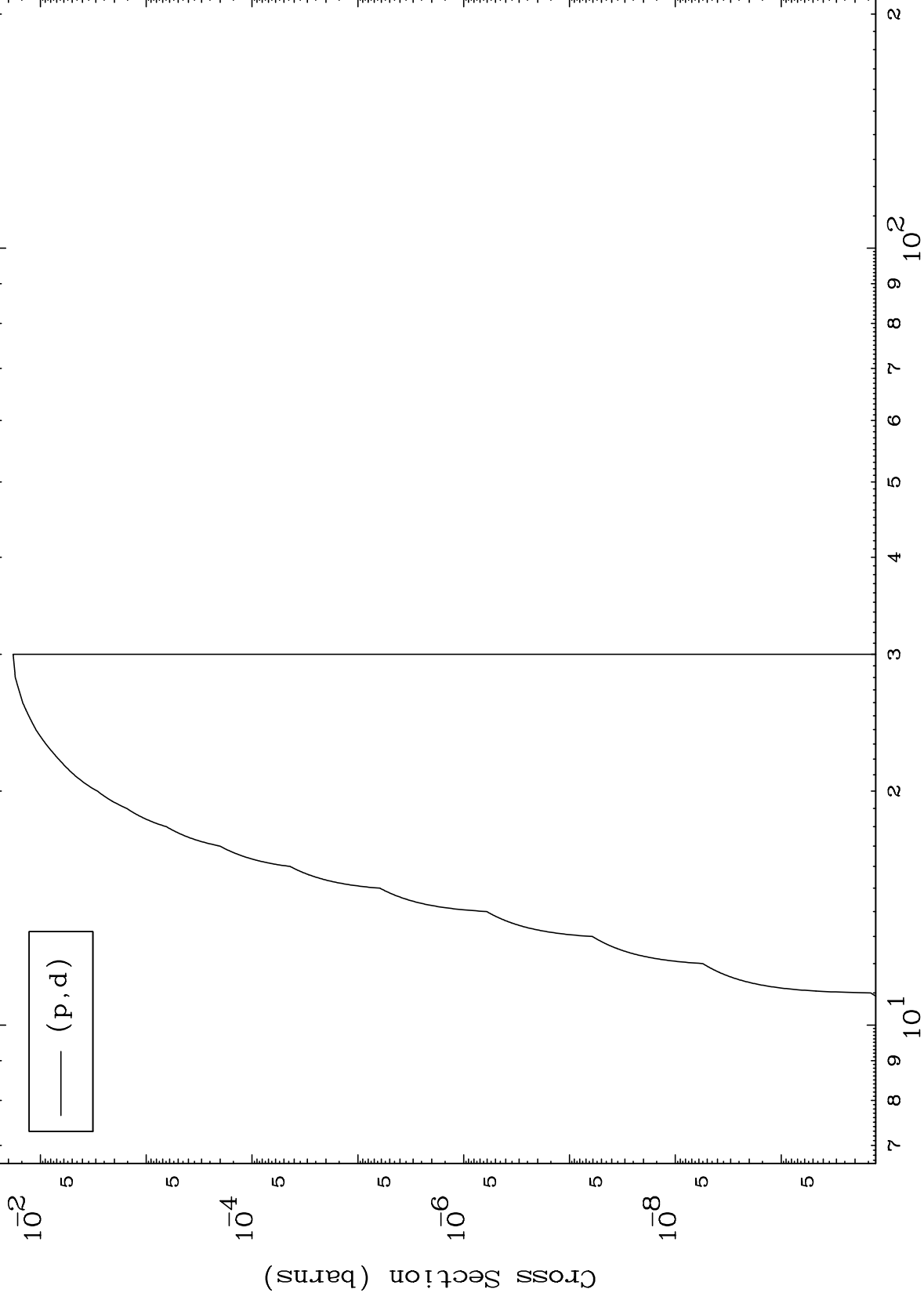
Incident Energy (MeV)

6

MAT 6393

64-Gd-141

(p,d) Levels
0 Kelvin Cross Sections



64-Gd-141

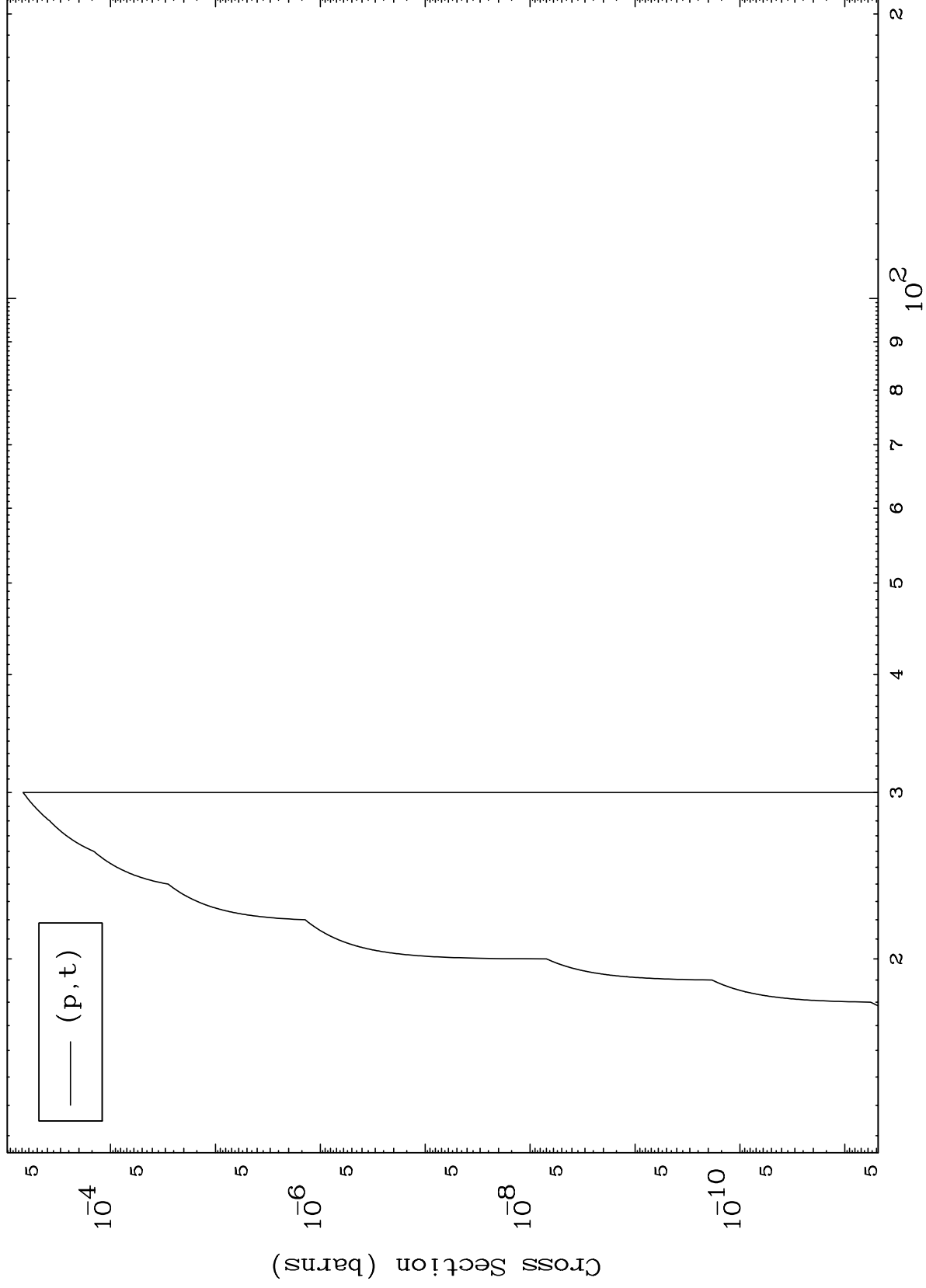
Incident Energy (MeV)

7

MAT 6393

64-Gd-141

(p,t) Levels
0 Kelvin Cross Sections



64-Gd-141

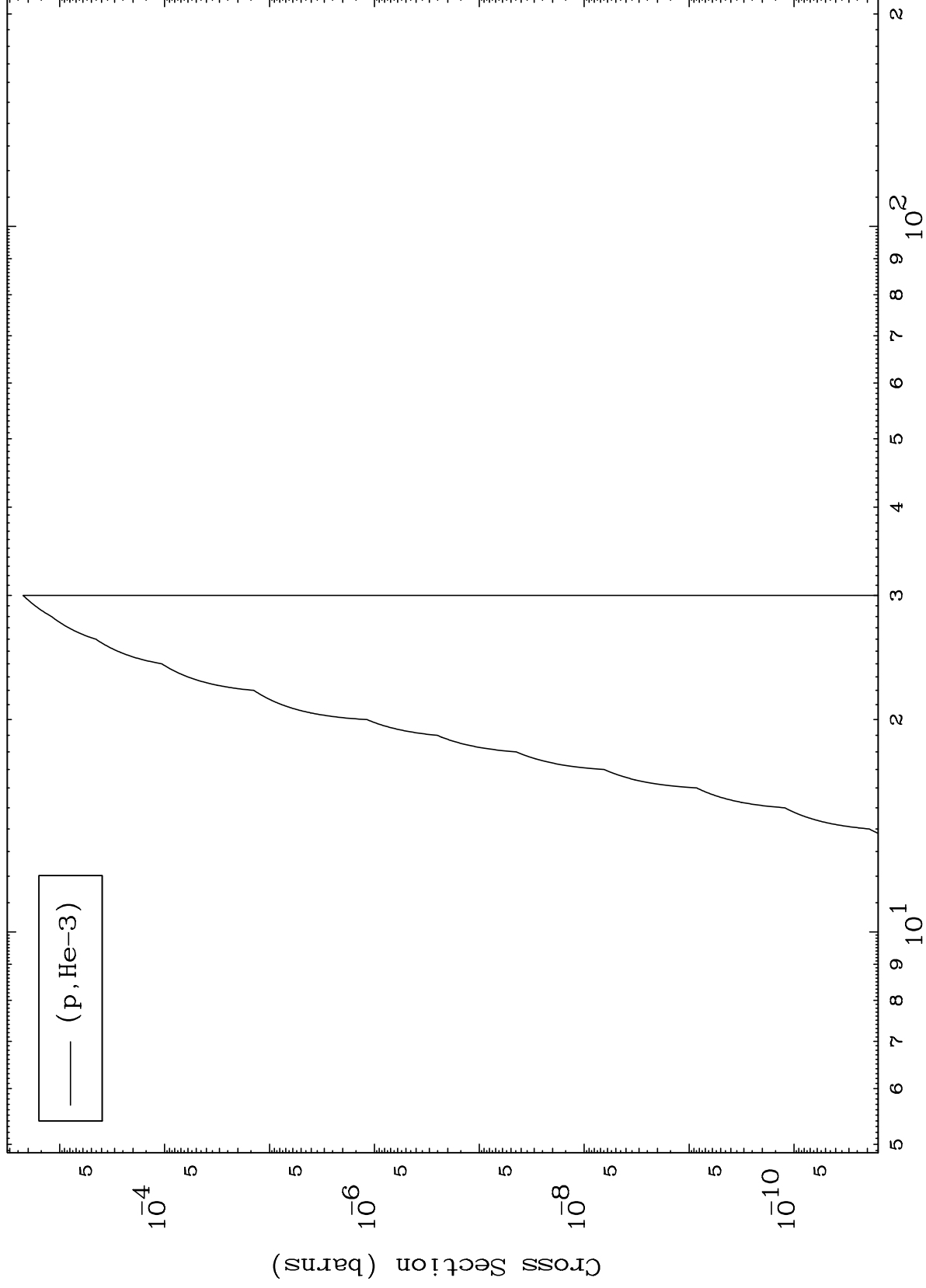
Incident Energy (MeV)

8

MAT 6393

64-Gd-141

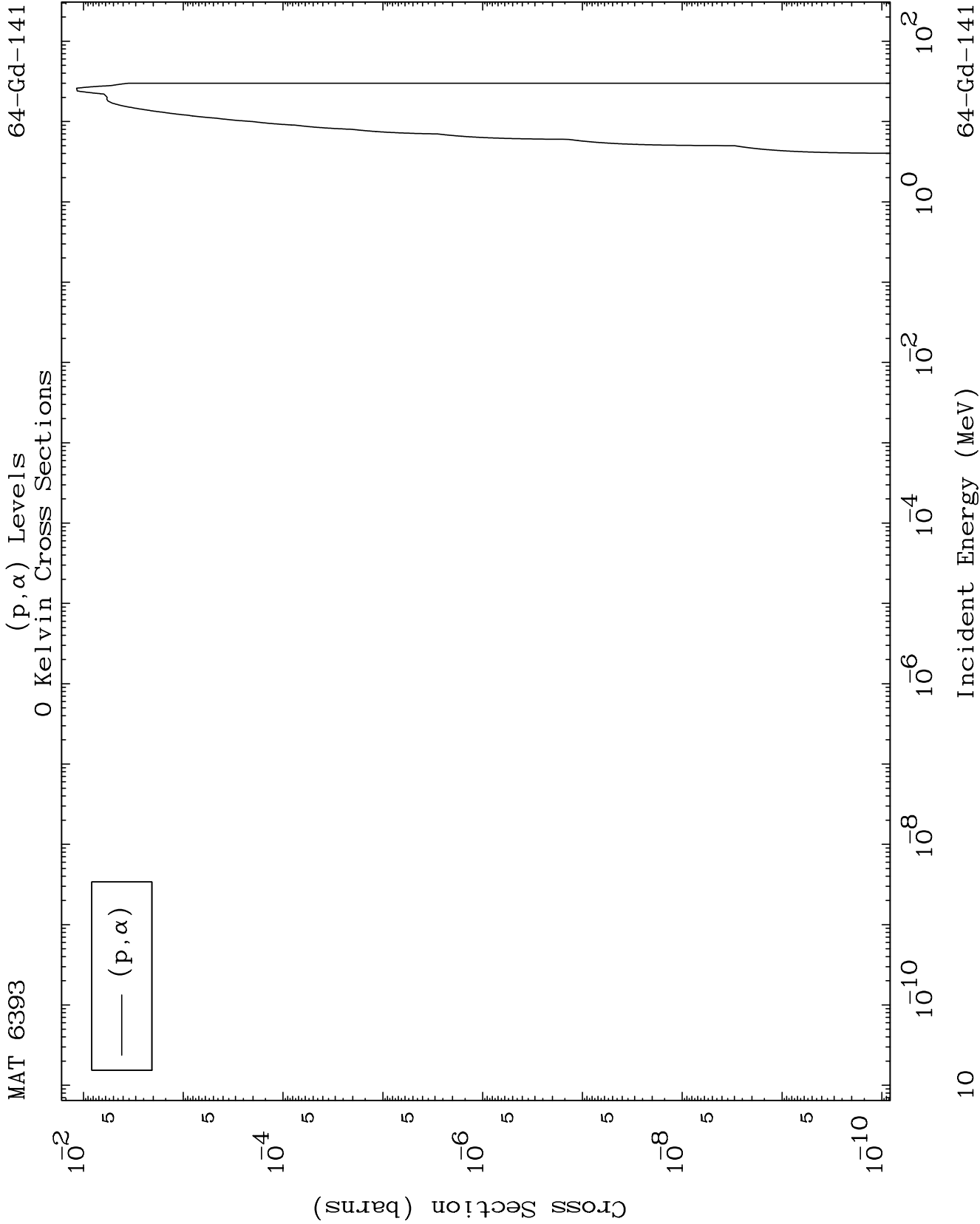
(p,He3) Levels
0 Kelvin Cross Sections



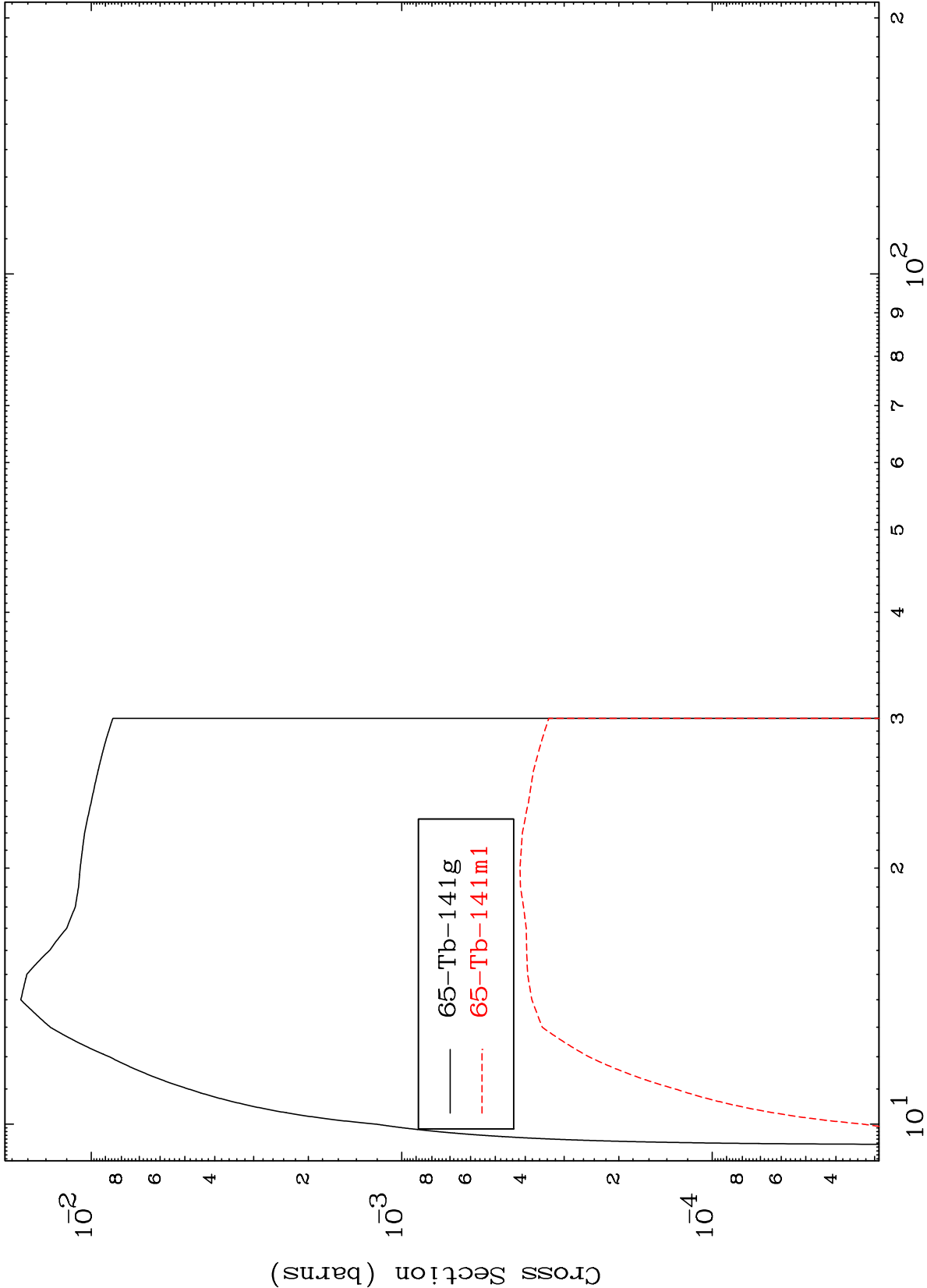
9

Incident Energy (MeV)

64-Gd-141



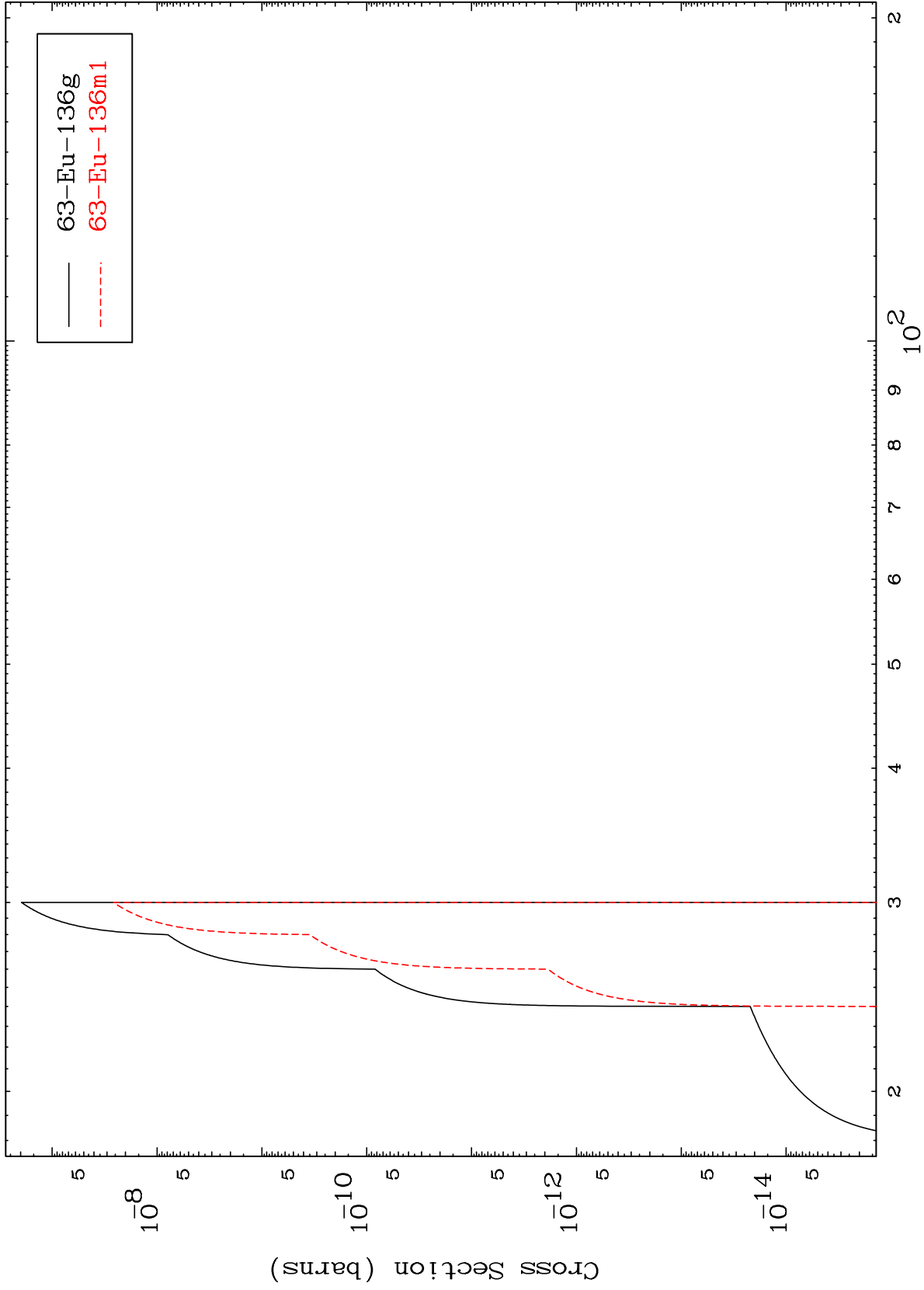
Proton Inelastic
Radionuclide Production Cross Section



MAT 6393

64-Gd-141

(p,2n) α
Radionuclide Production Cross Section



12

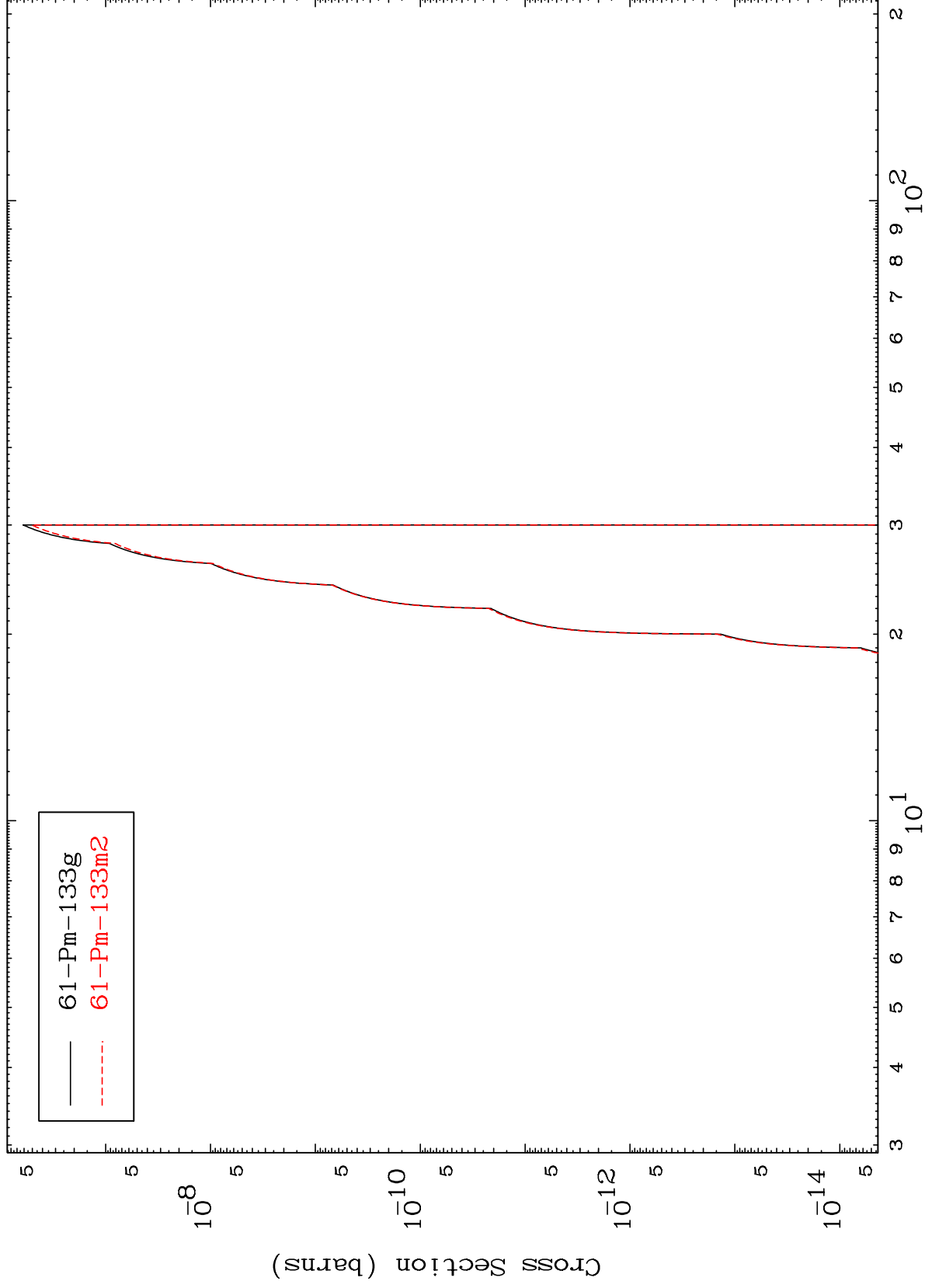
64-Gd-141

MAT 6393

(p,n') 2 α

64-Gd-141

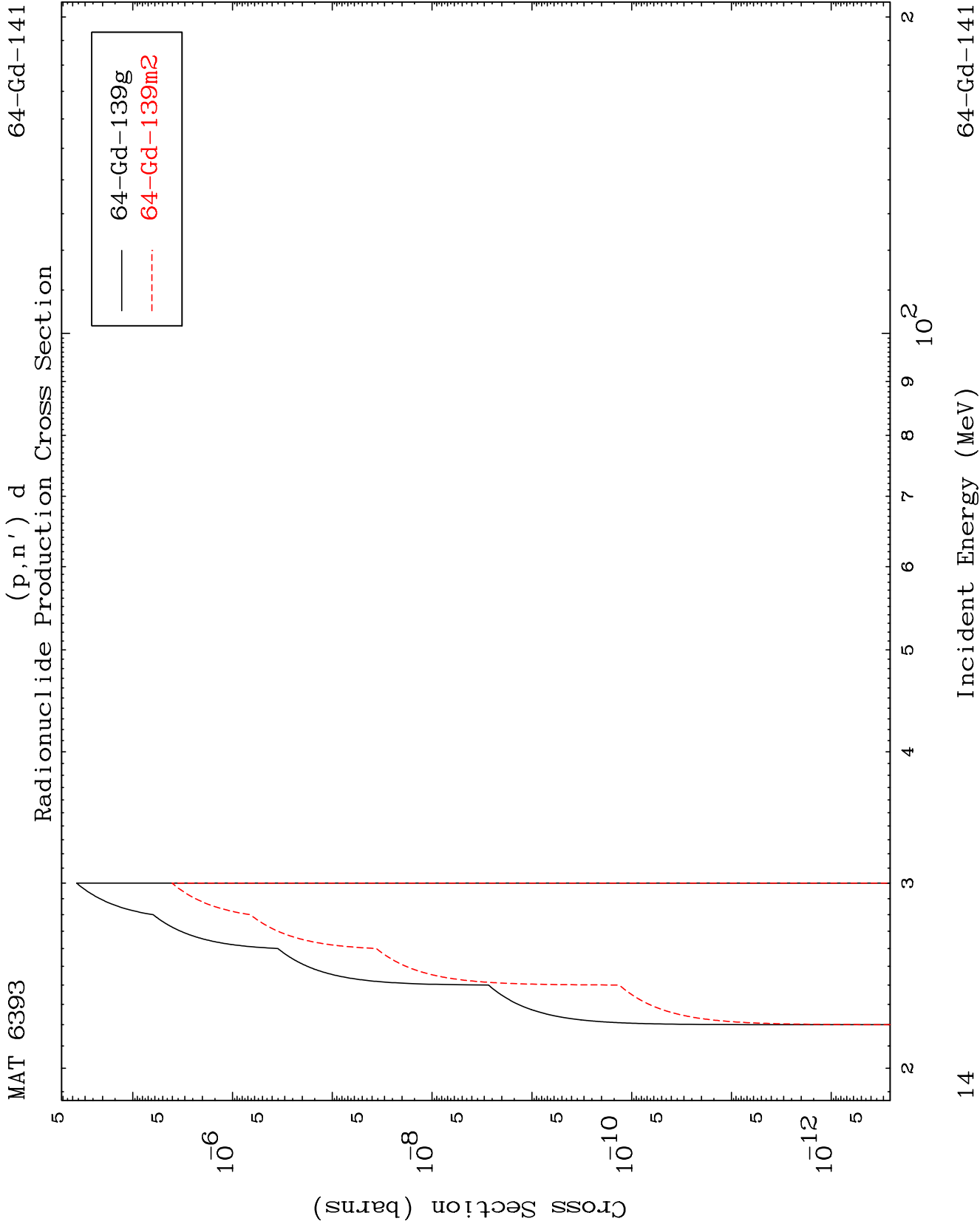
Radionuclide Production Cross Section

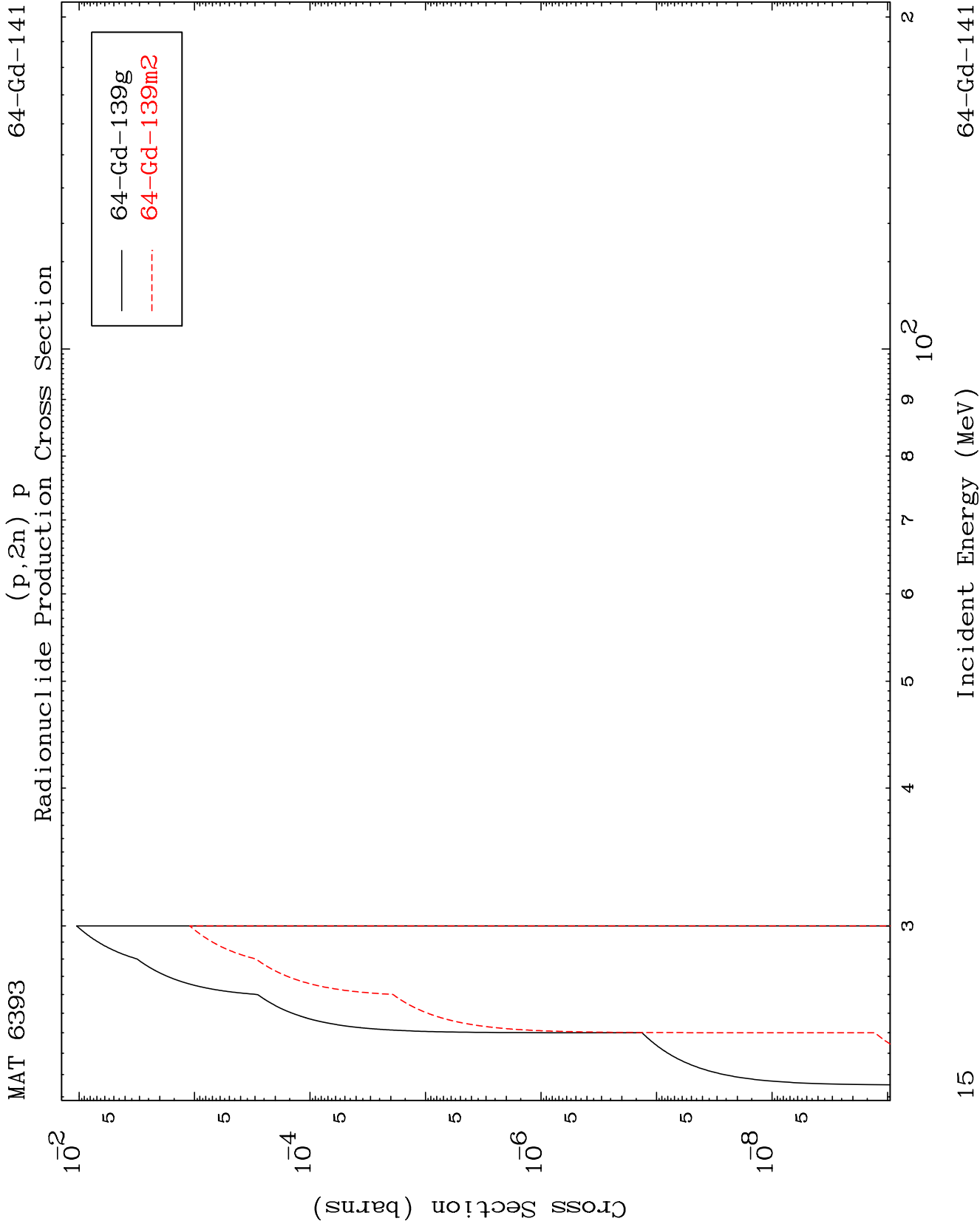


13

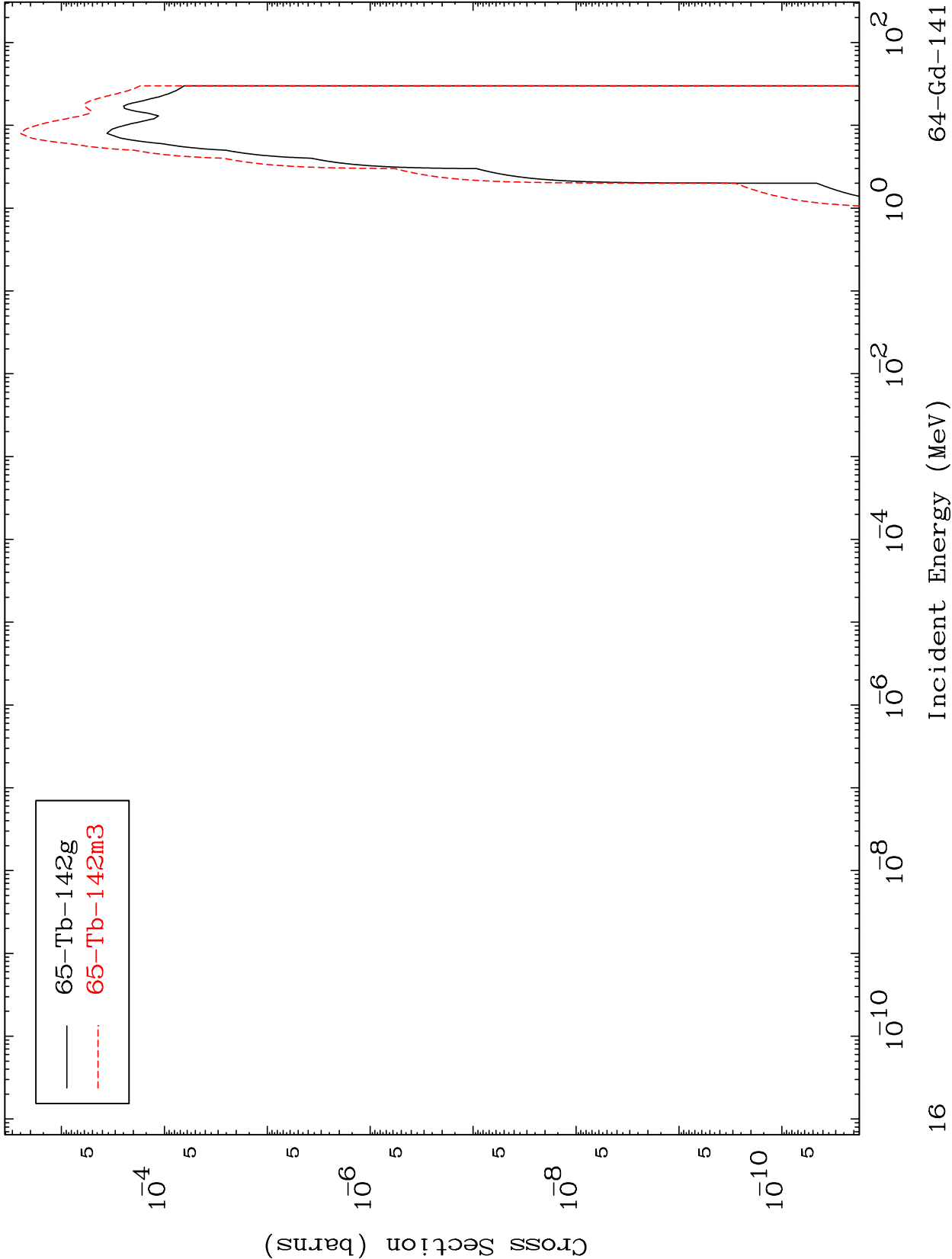
Incident Energy (MeV)

64-Gd-141

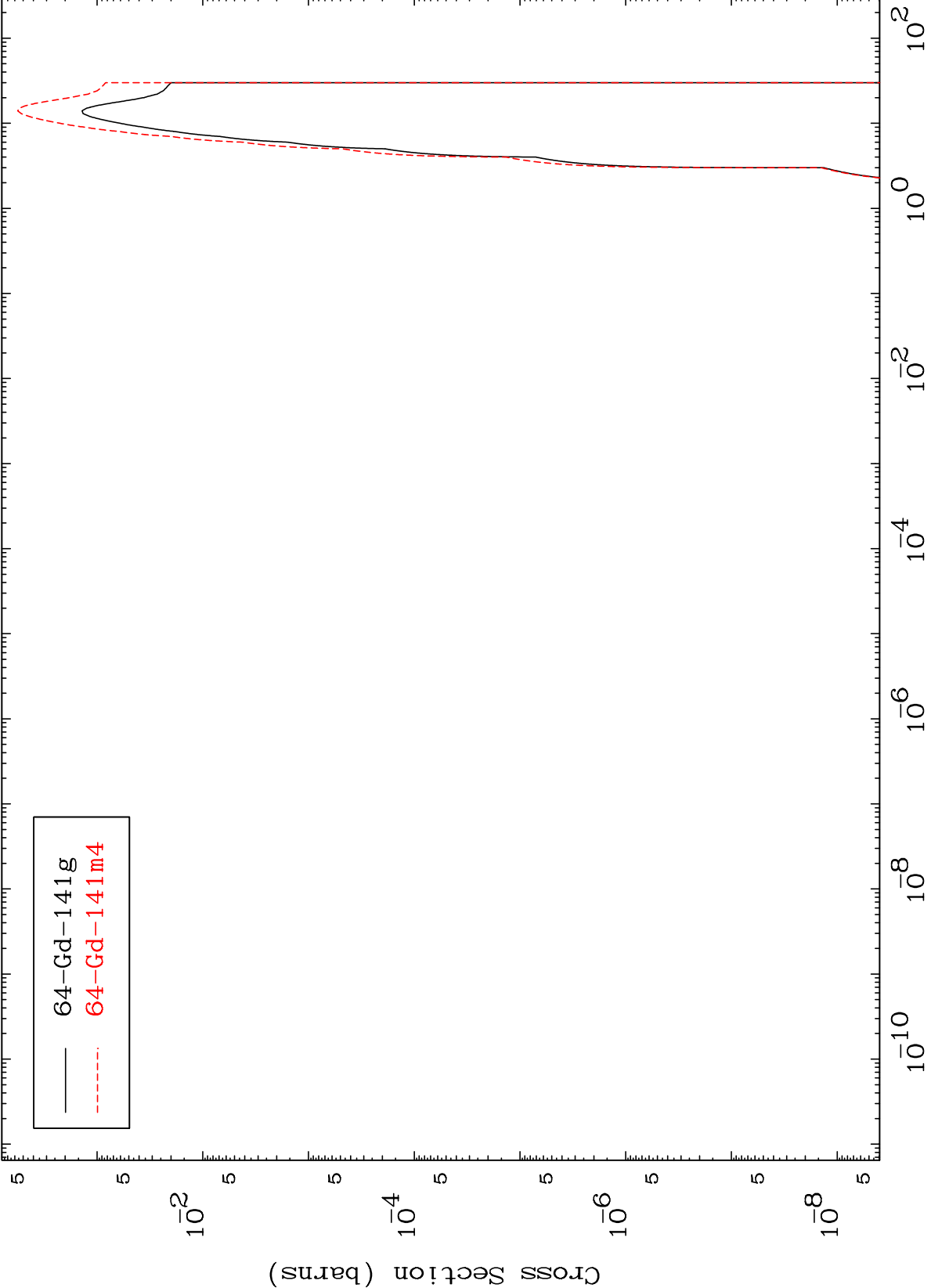




Radionuclide Production Cross Section
(p, γ)



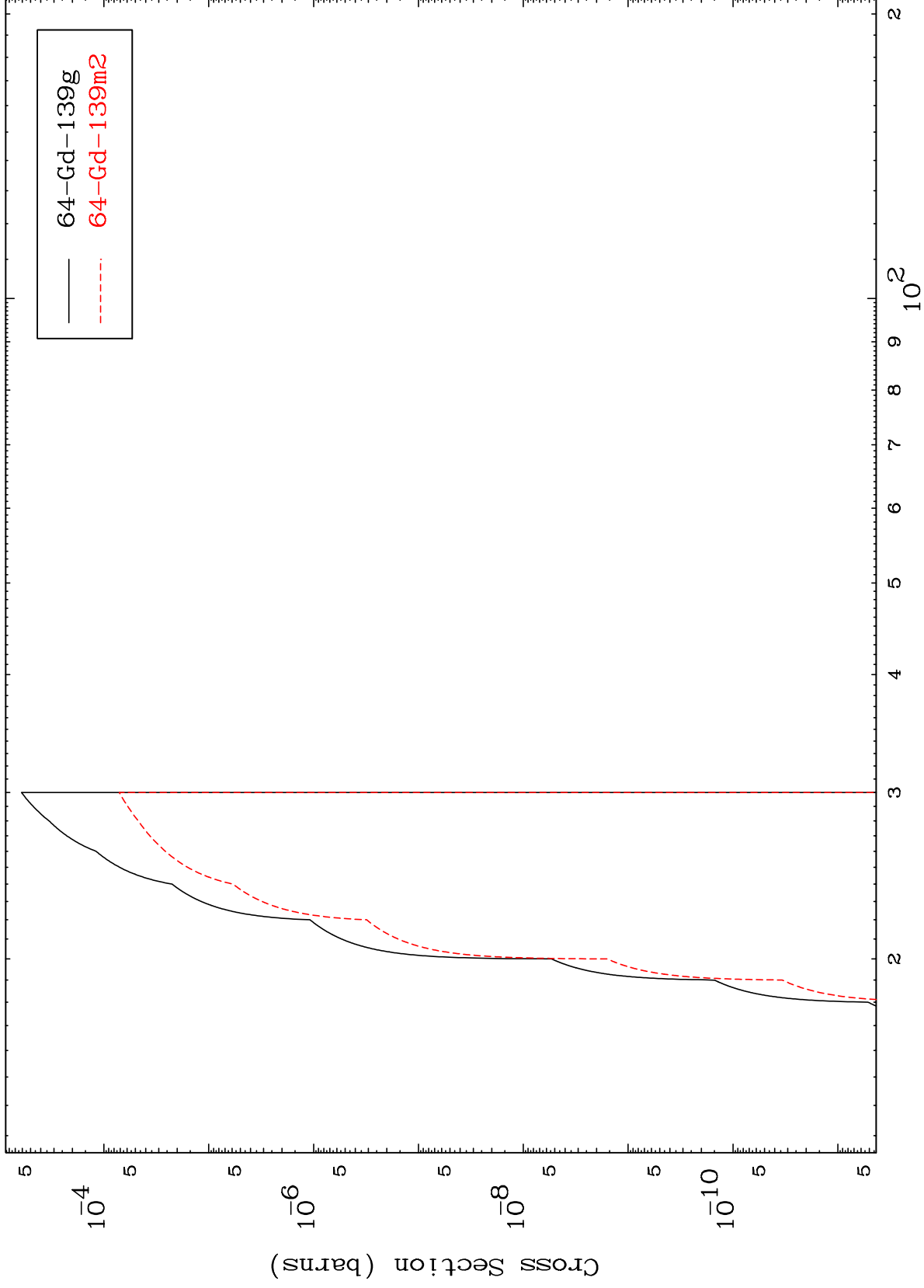
(p,p)
Radionuclide Production Cross Section



MAT 6393

64-Gd-141

(p,t)
Radionuclide Production Cross Section



64-Gd-141

Incident Energy (MeV)

18

