

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

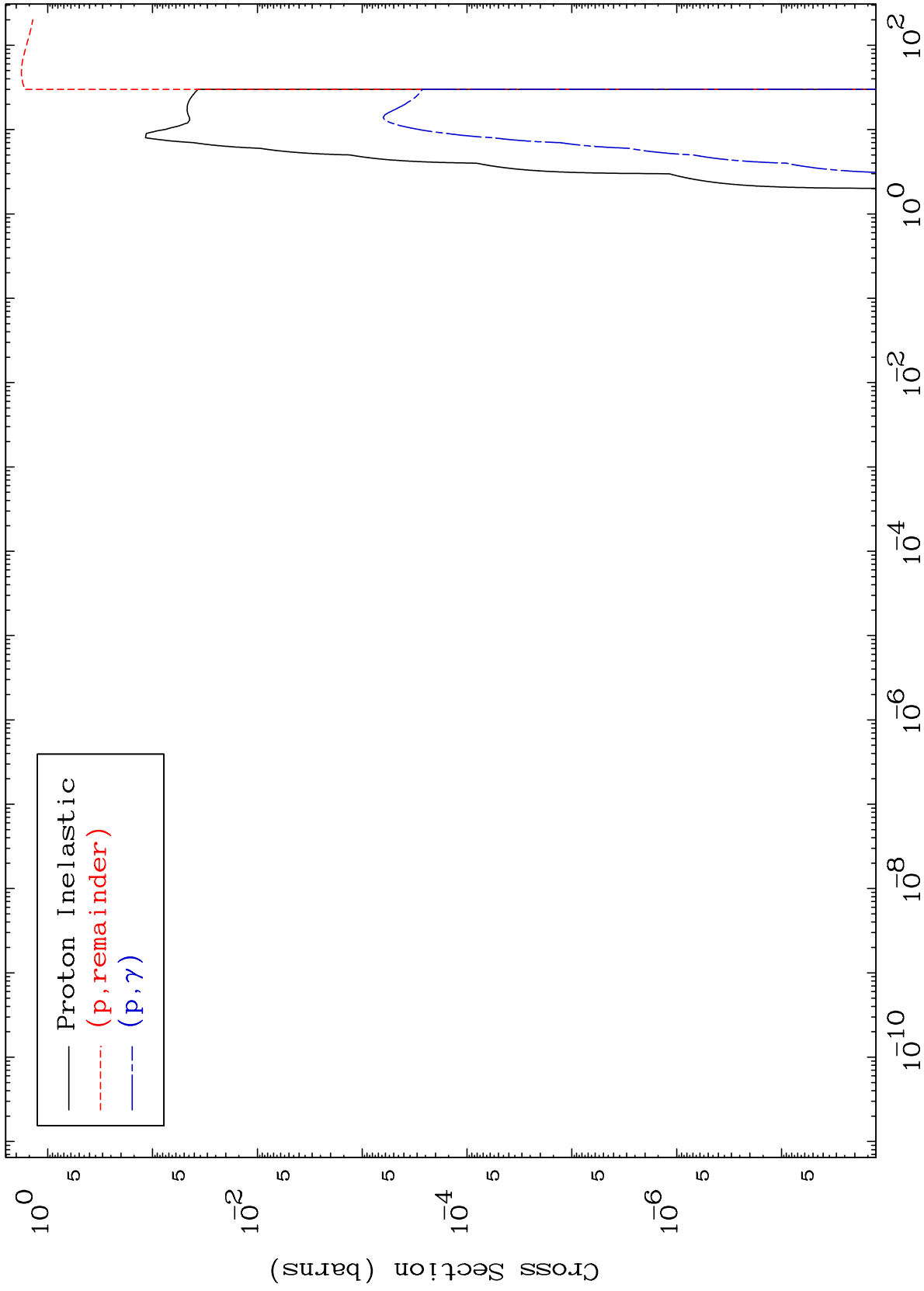
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6446

Proton Major  
0 Kelvin Cross Sections

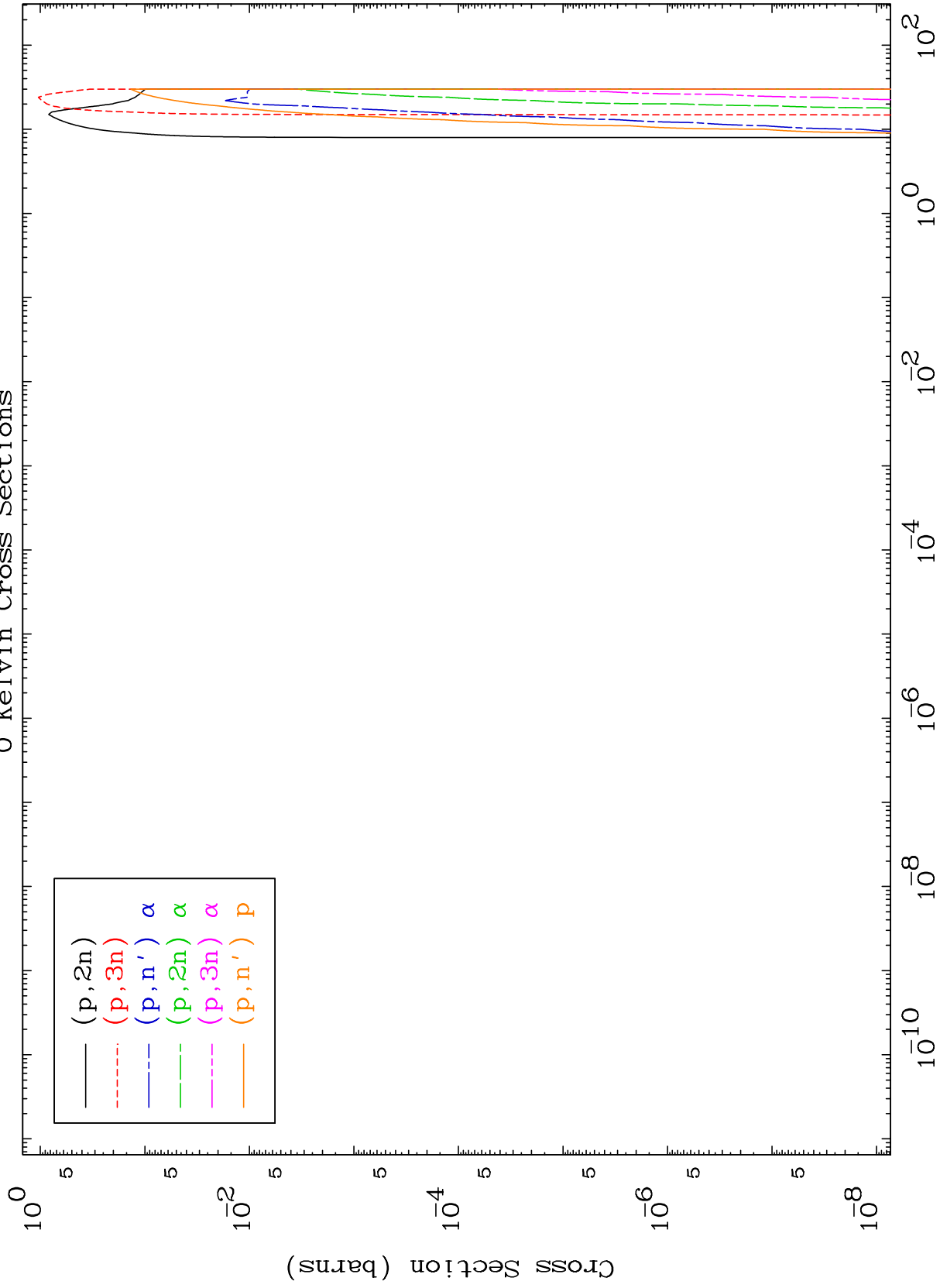
64-Gd-159



MAT 6446

Proton Neutron Production  
0 Kelvin Cross Sections

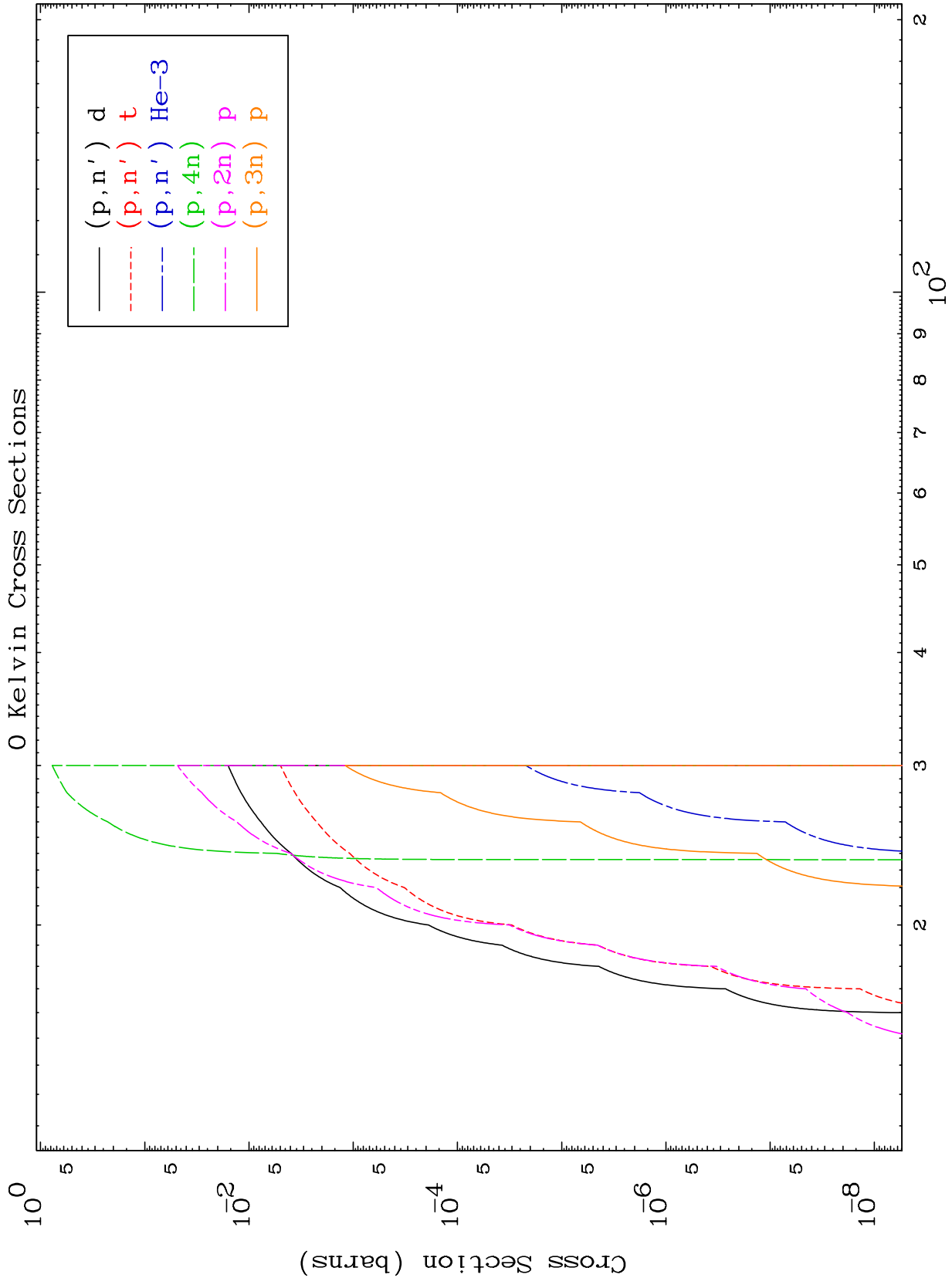
64-Gd-159



2

Incident Energy (MeV)

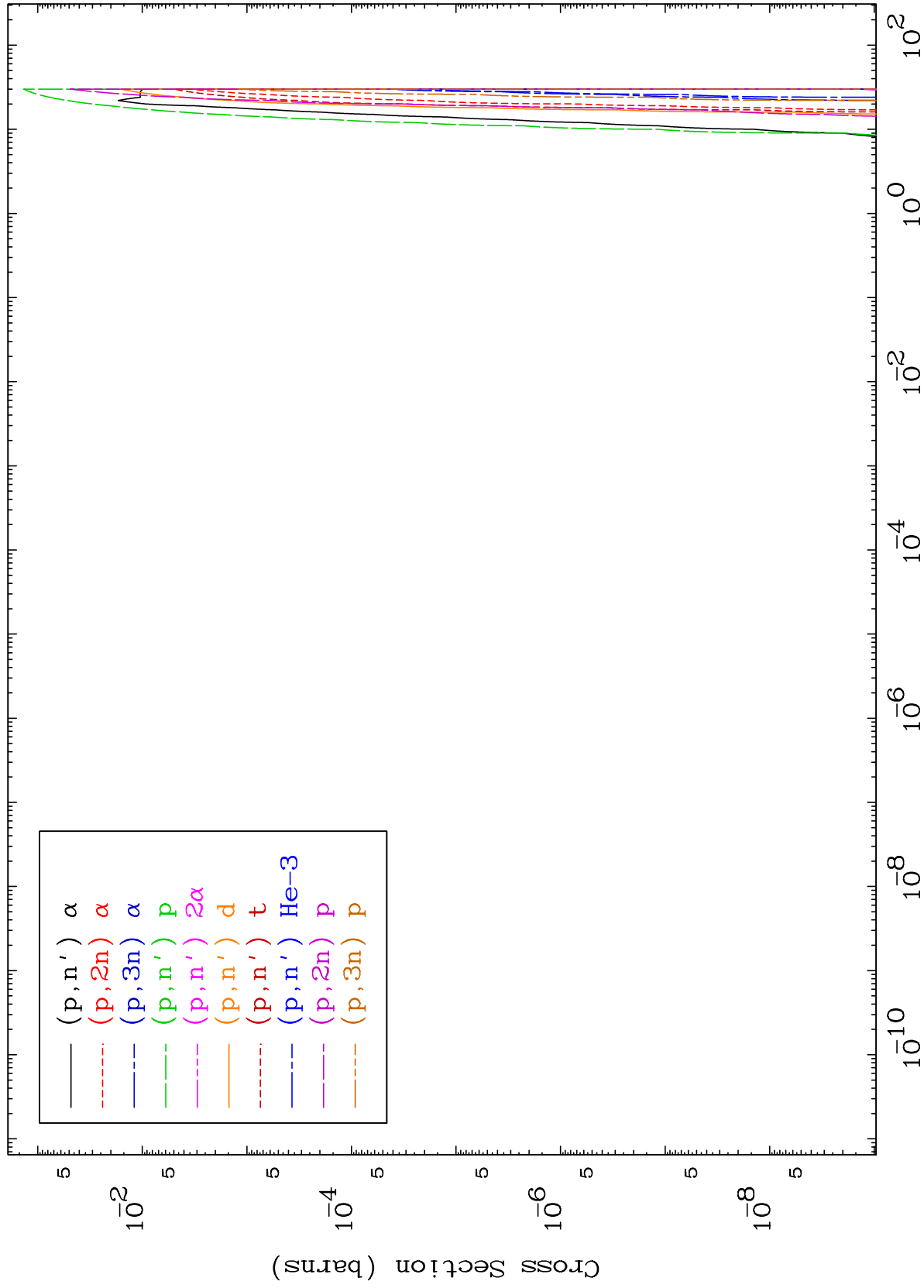
64-Gd-159



MAT 6446

Proton Charged Particle  
0 Kelvin Cross Sections

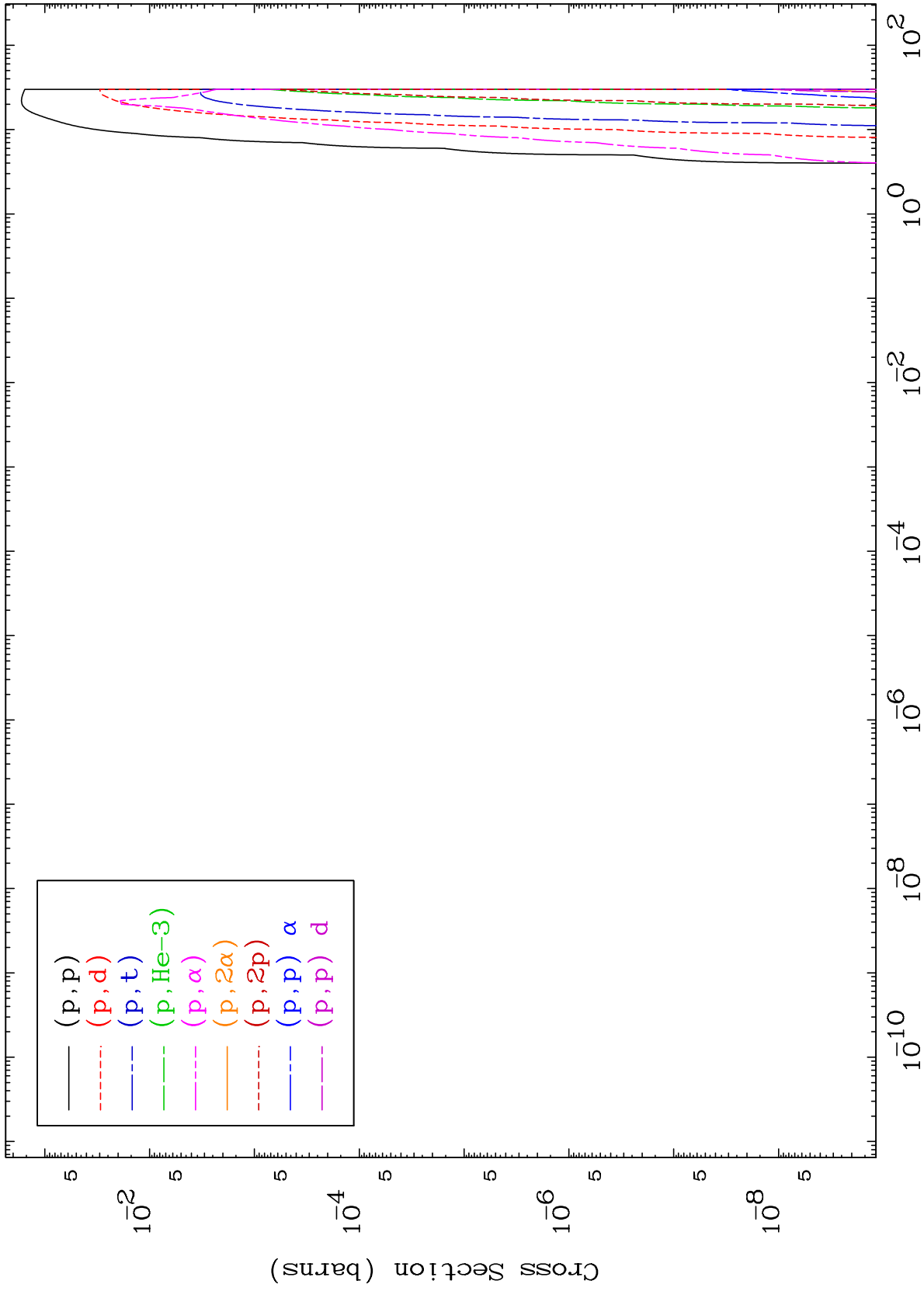
64-Gd-159



MAT 6446

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-159



5

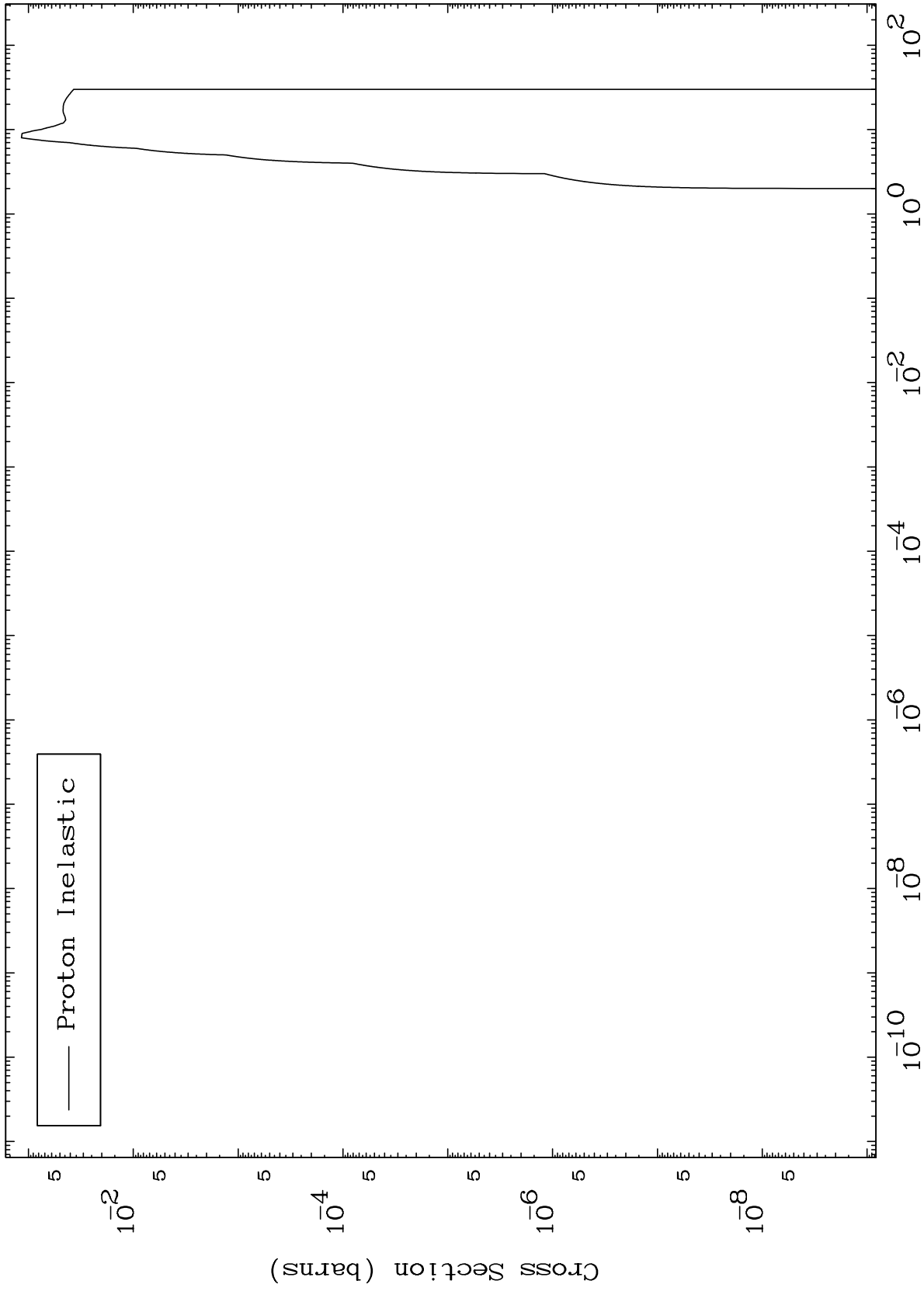
Incident Energy (MeV)

64-Gd-159

MAT 6446

(p,n') Level  
0 Kelvin Cross Sections

64-Gd-159



6

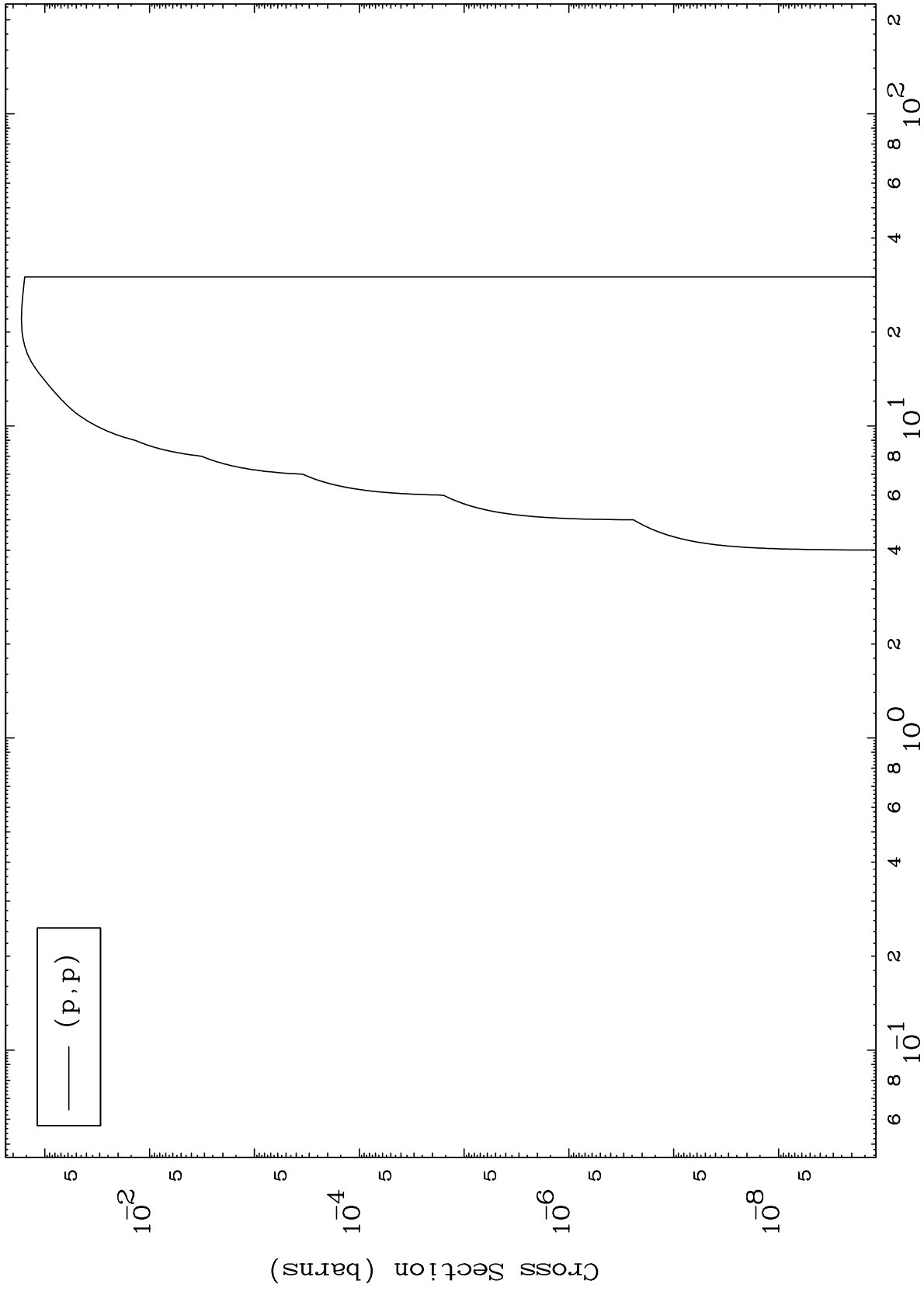
Incident Energy (MeV)

64-Gd-159

MAT 6446

(p,p) Levels  
0 Kelvin Cross Sections

64-Gd-159



7

Incident Energy (MeV)

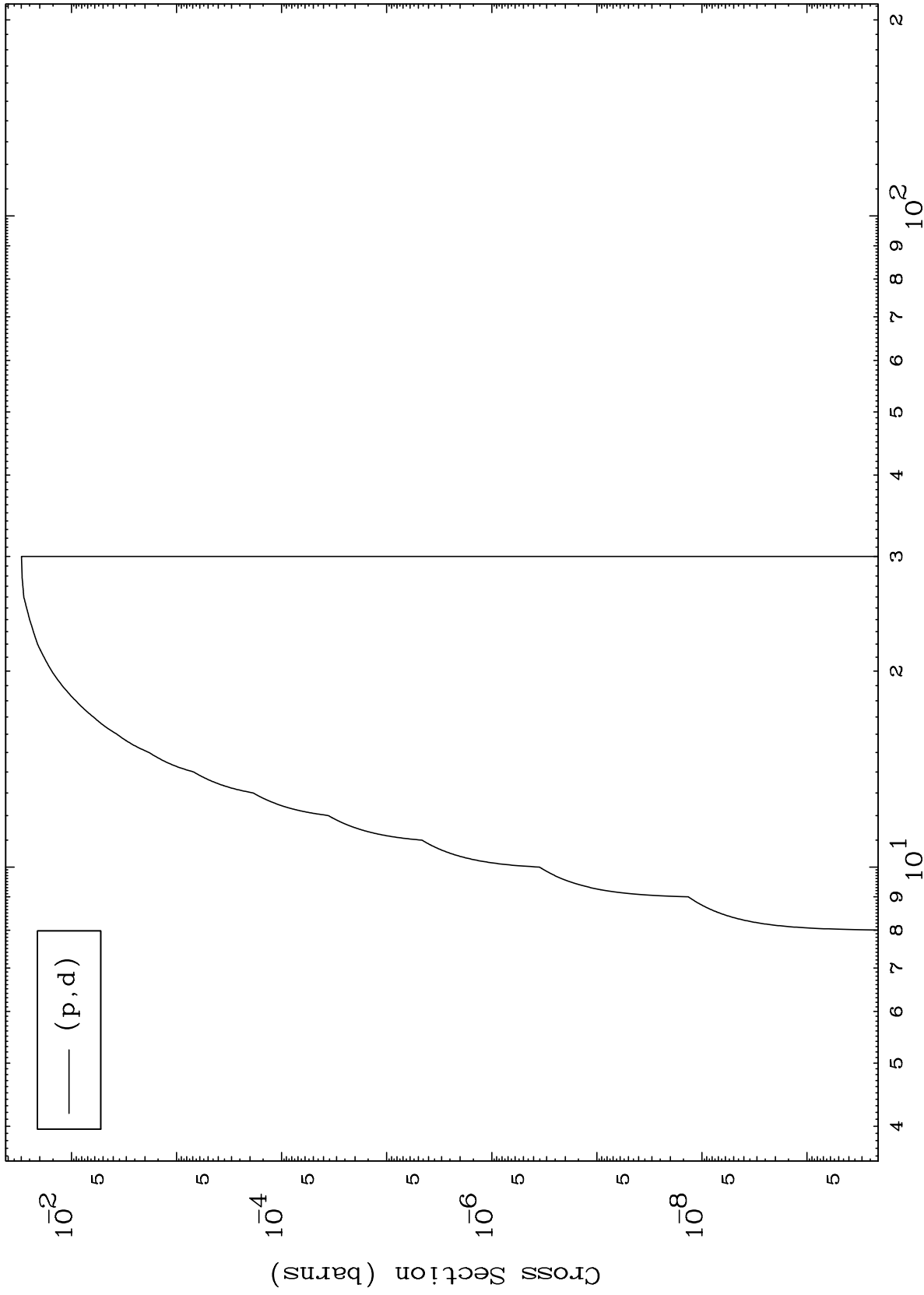
64-Gd-159



MAT 6446

(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-159



8

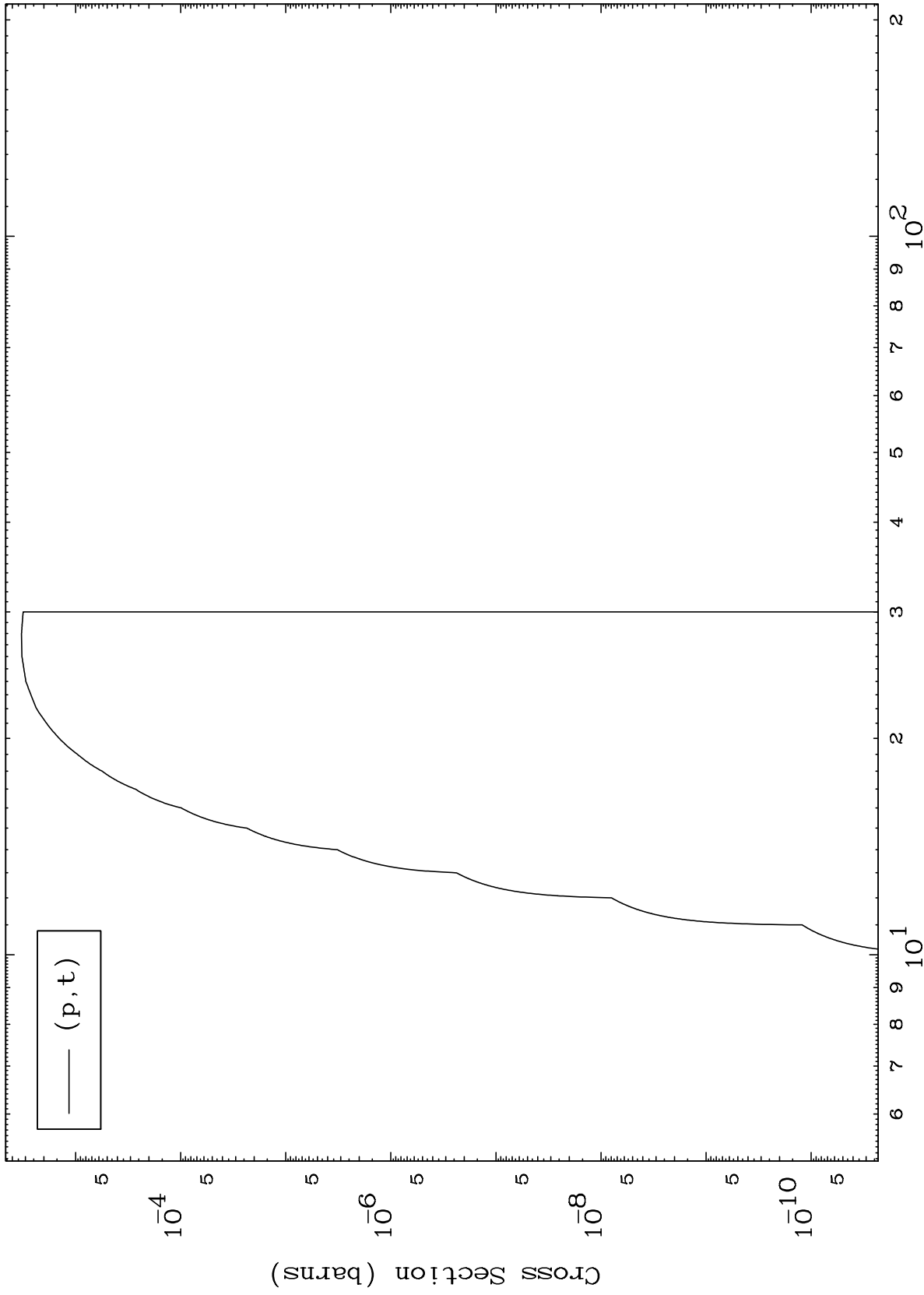
Incident Energy (MeV)

64-Gd-159

MAT 6446

(p,t) Levels  
0 Kelvin Cross Sections

64-Gd-159



9

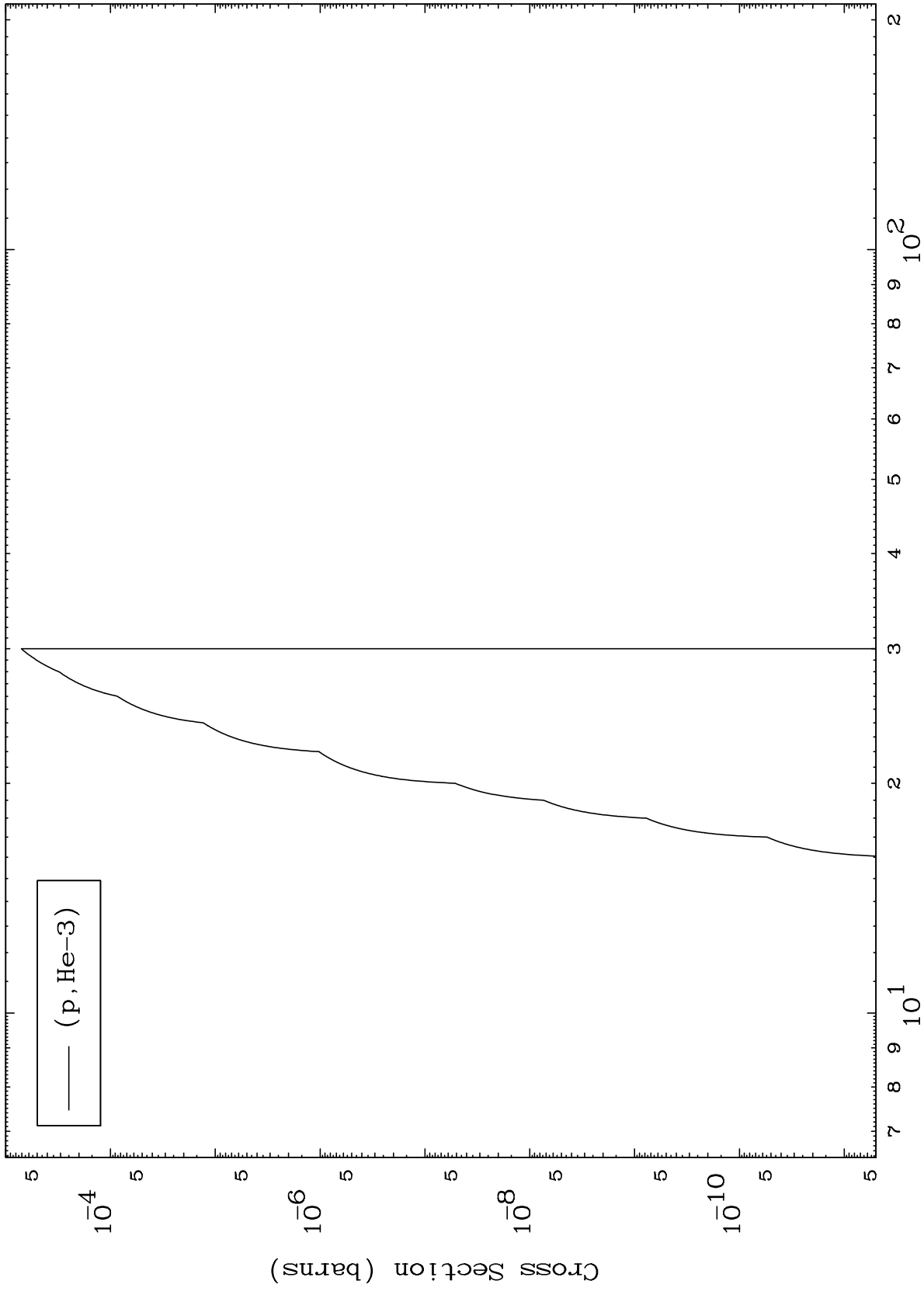
Incident Energy (MeV)

64-Gd-159

MAT 6446

(p,He3) Levels  
0 Kelvin Cross Sections

64-Gd-159



10

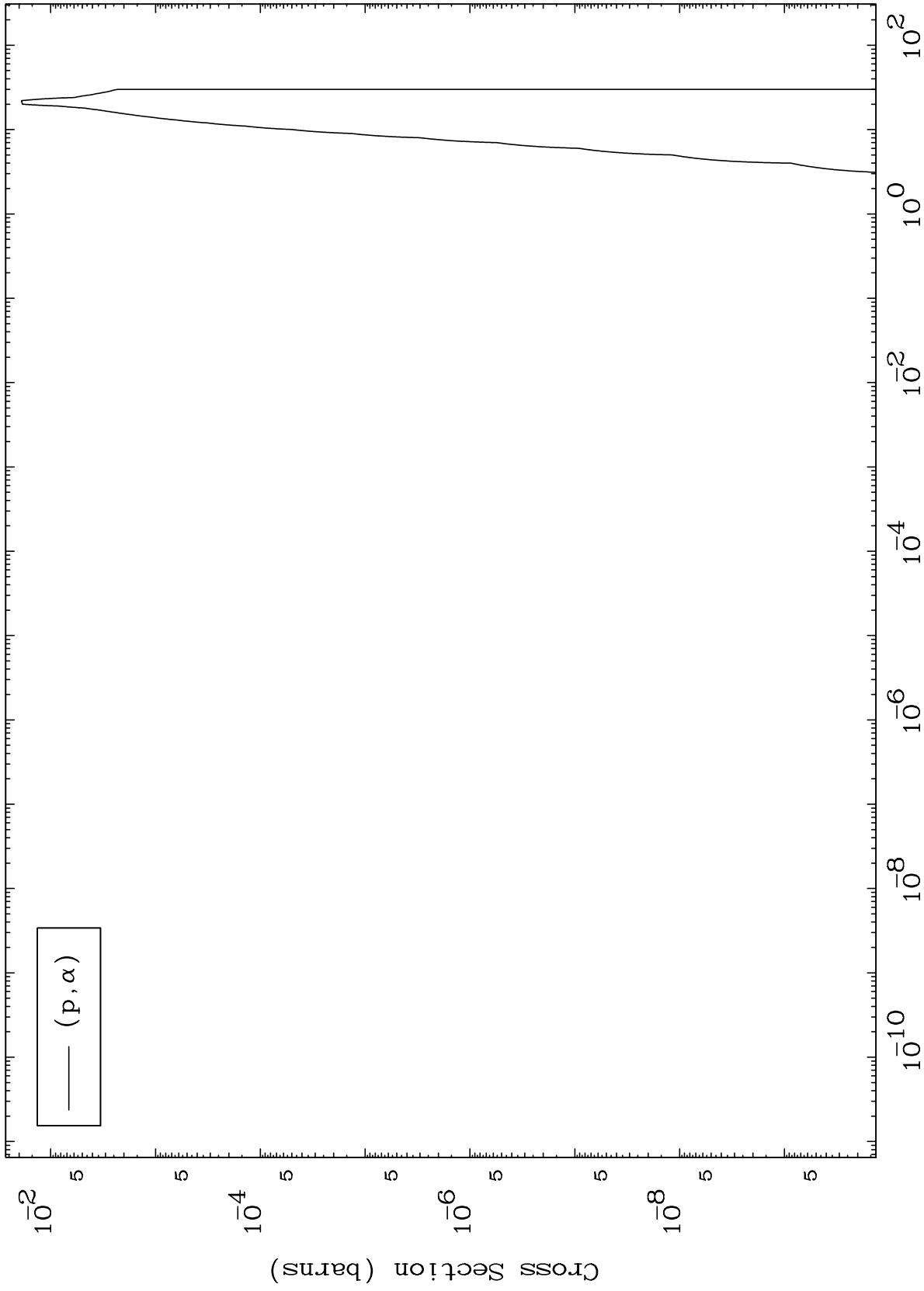
Incident Energy (MeV)

64-Gd-159

MAT 6446

(p,α) Levels  
0 Kelvin Cross Sections

64-Gd-159



11

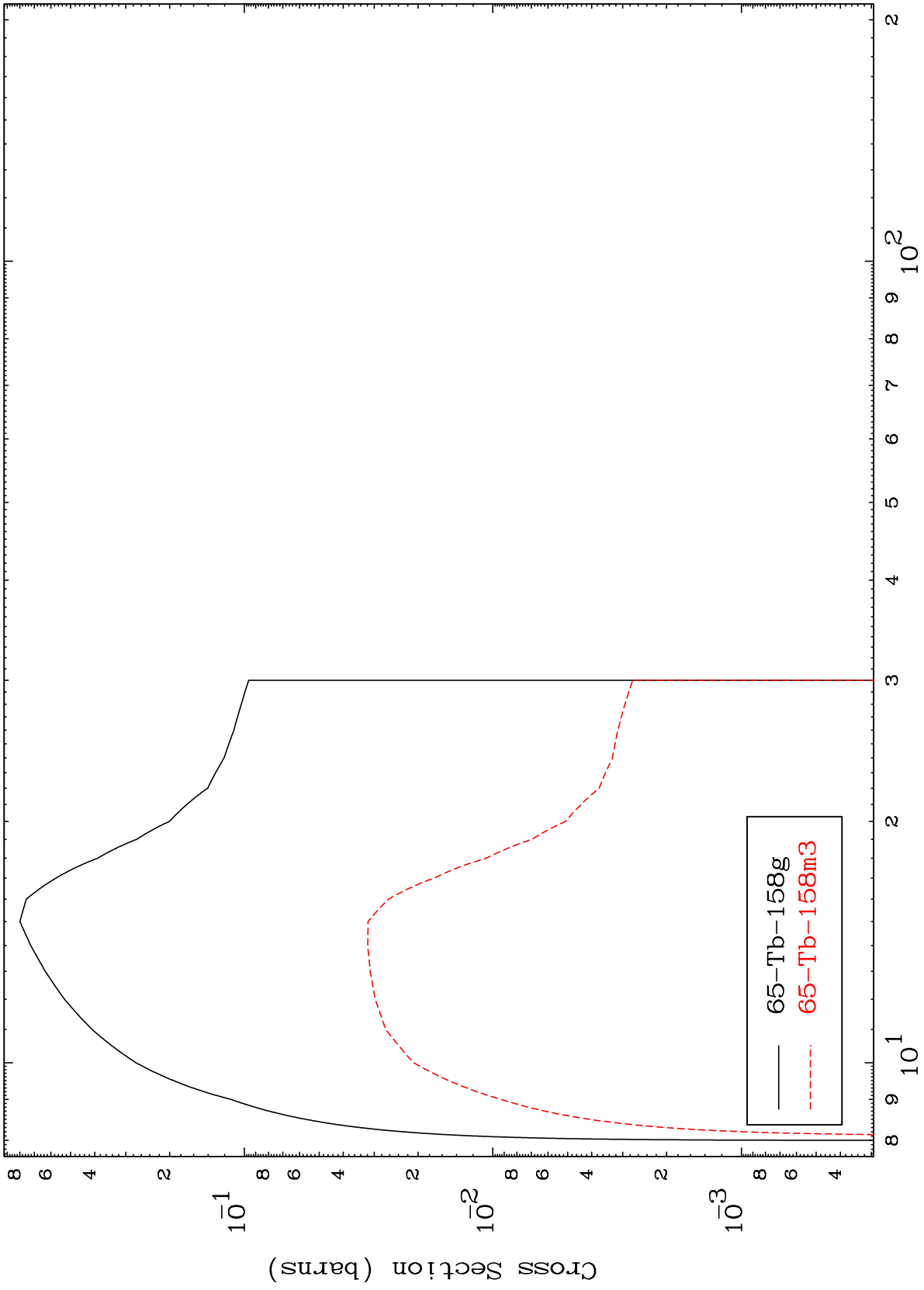
Incident Energy (MeV)

64-Gd-159

MAT 6446

64-Gd-159

(p,2n)  
Radionuclide Production Cross Section



64-Gd-159

Incident Energy (MeV)

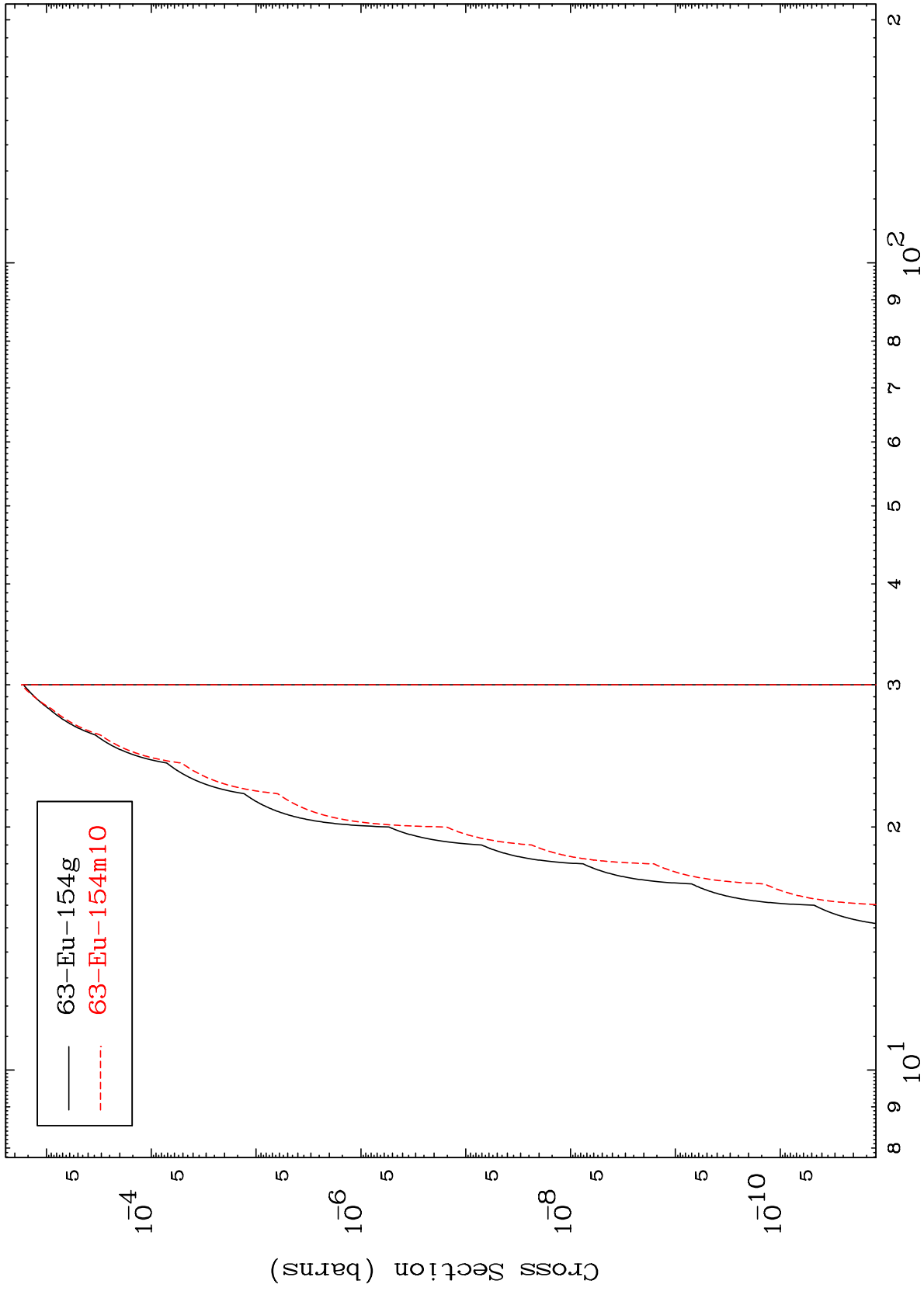
12

MAT 6446

(p,2n)  $\alpha$

64-Gd-159

Radionuclide Production Cross Section



13

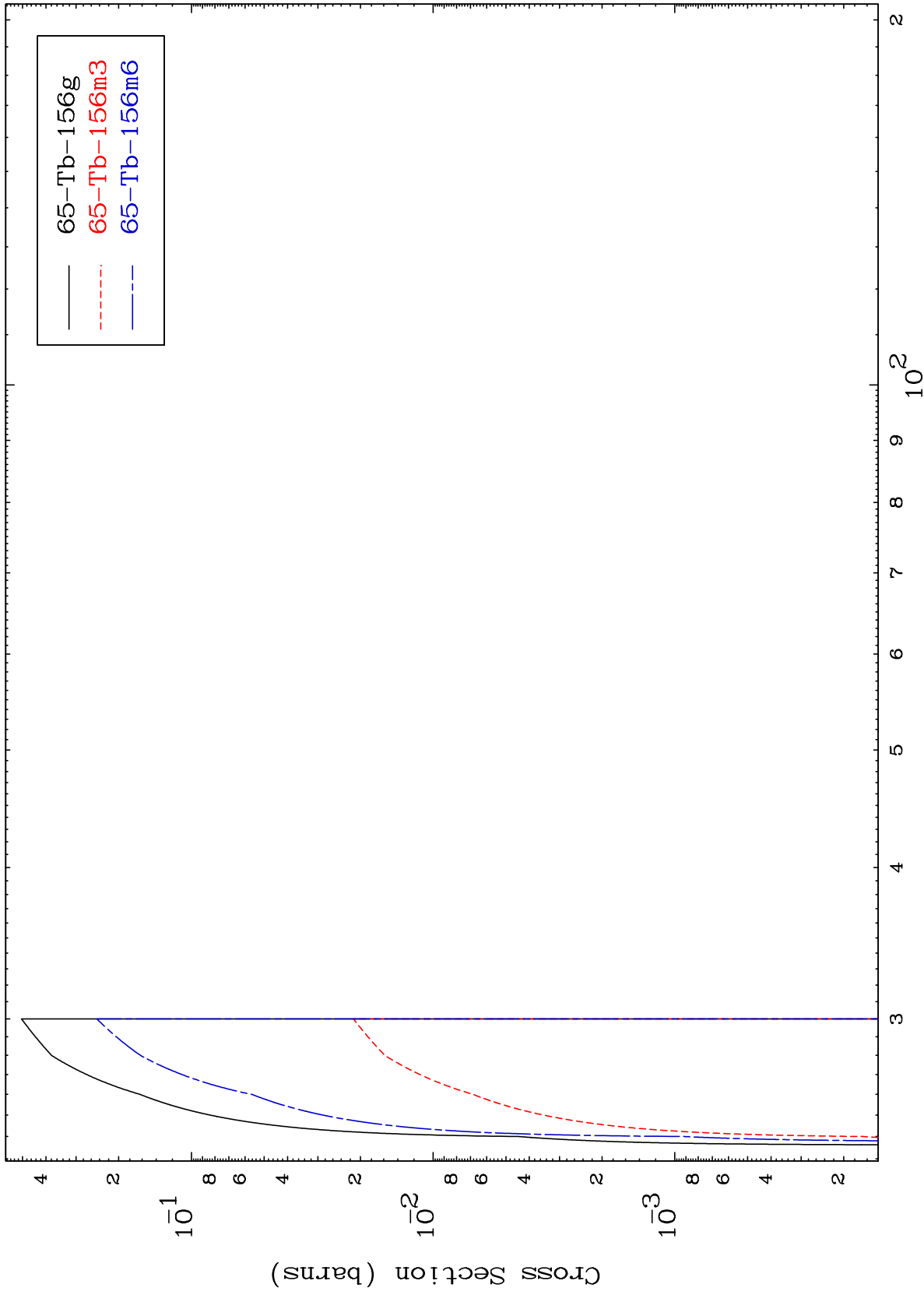
Incident Energy (MeV)

64-Gd-159

MAT 6446

64-Gd-159

(p,4n)  
Radionuclide Production Cross Section



14

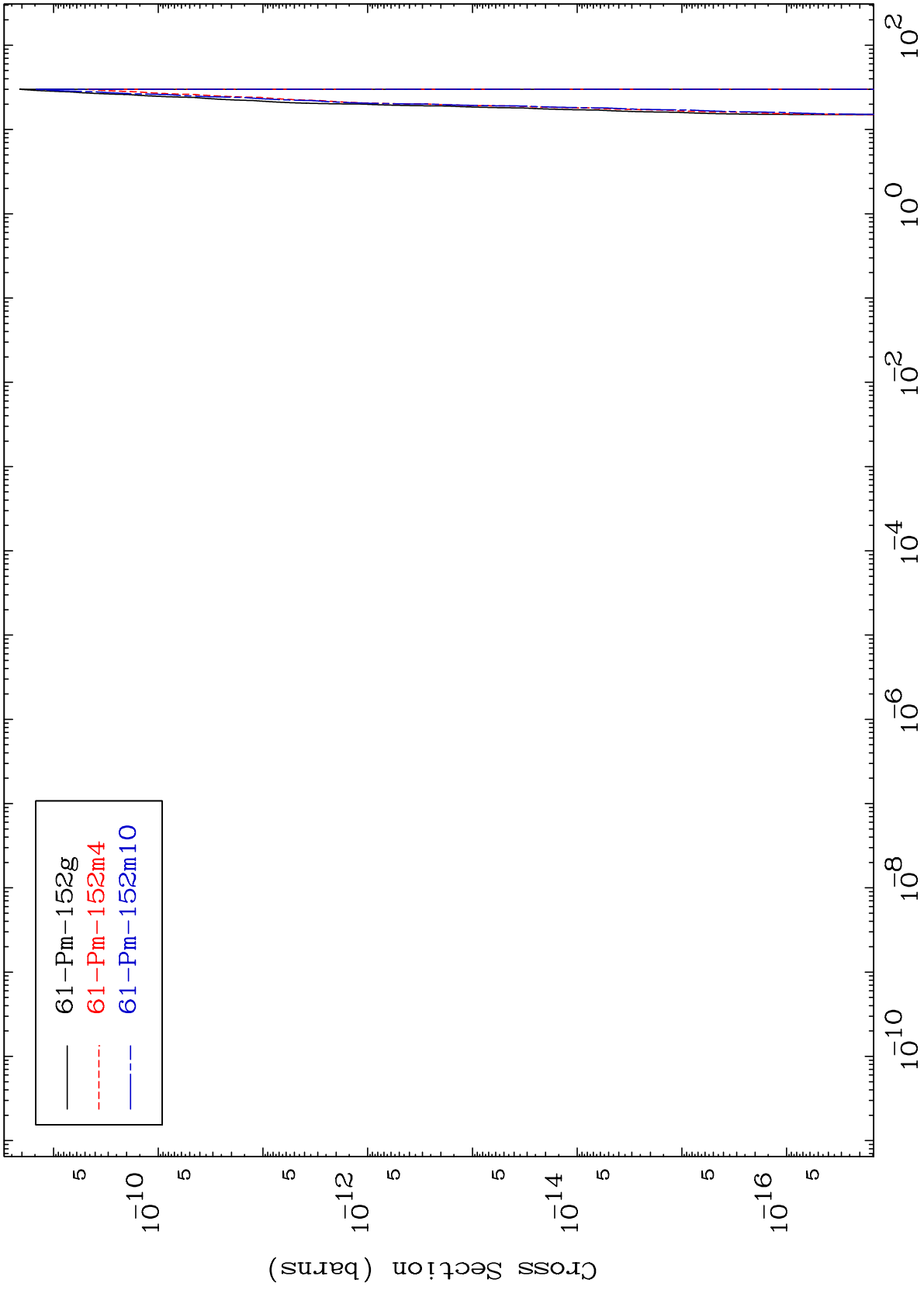
Incident Energy (MeV)

64-Gd-159

MAT 6446

Radionuclide Production Cross Section  
(p,2 $\alpha$ )

64-Gd-159



15

Incident Energy (MeV)

64-Gd-159