

Program EVALPLOT  
(Version 2017-1)

by

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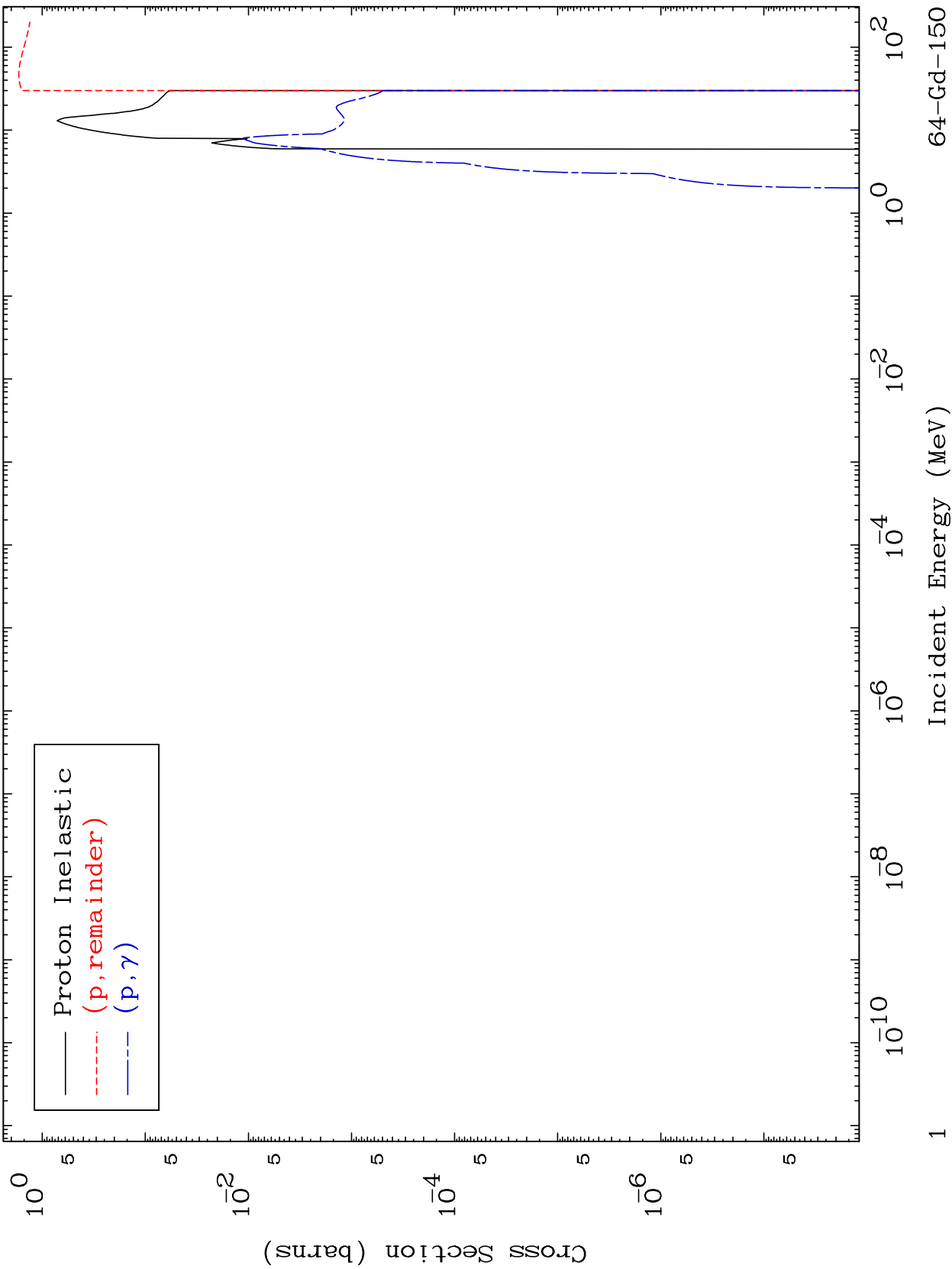
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6419

Proton Major  
0 Kelvin Cross Sections

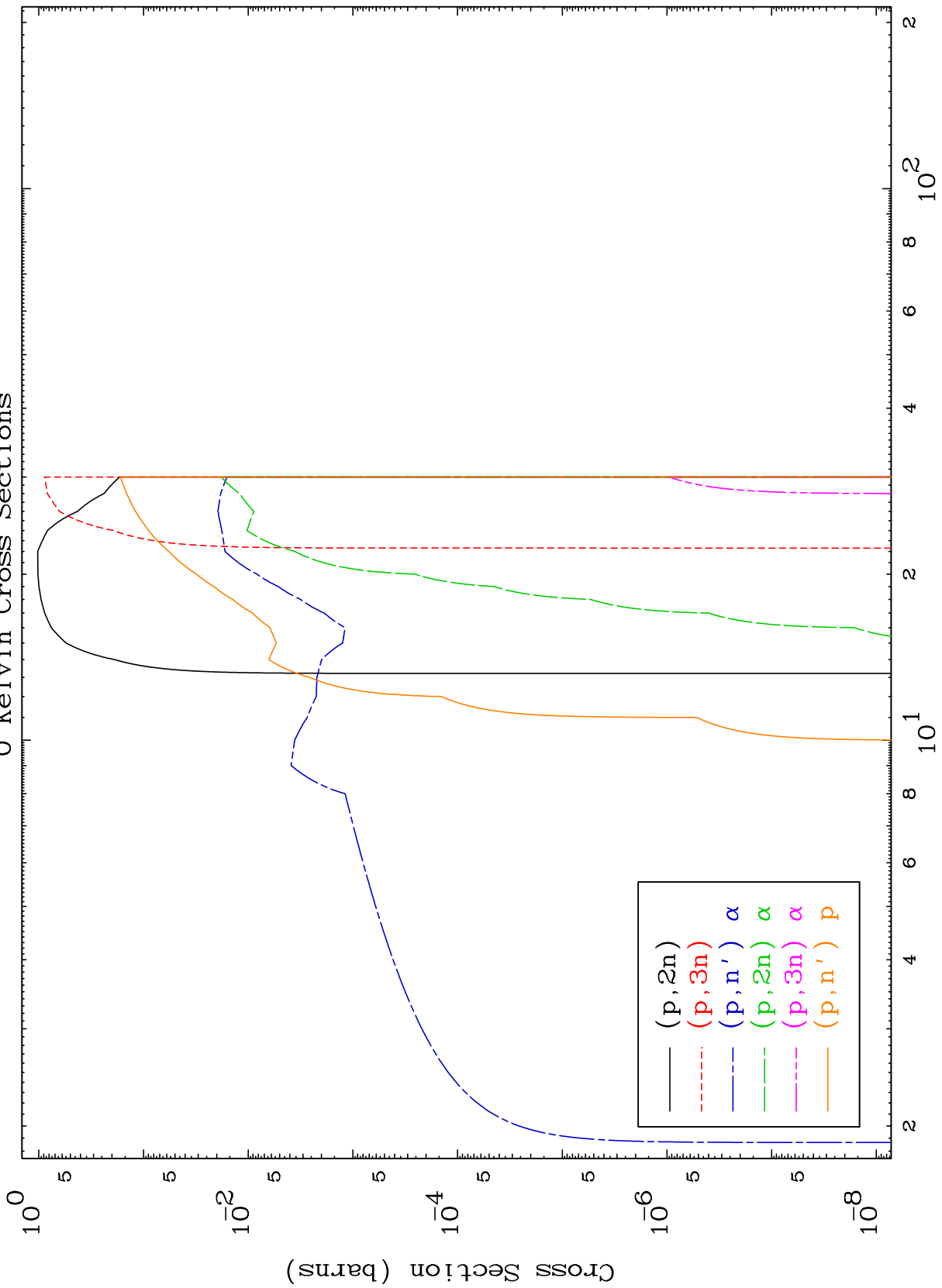
64-Gd-150



MAT 6419

Proton Neutron Production  
0 Kelvin Cross Sections

64-Gd-150



2

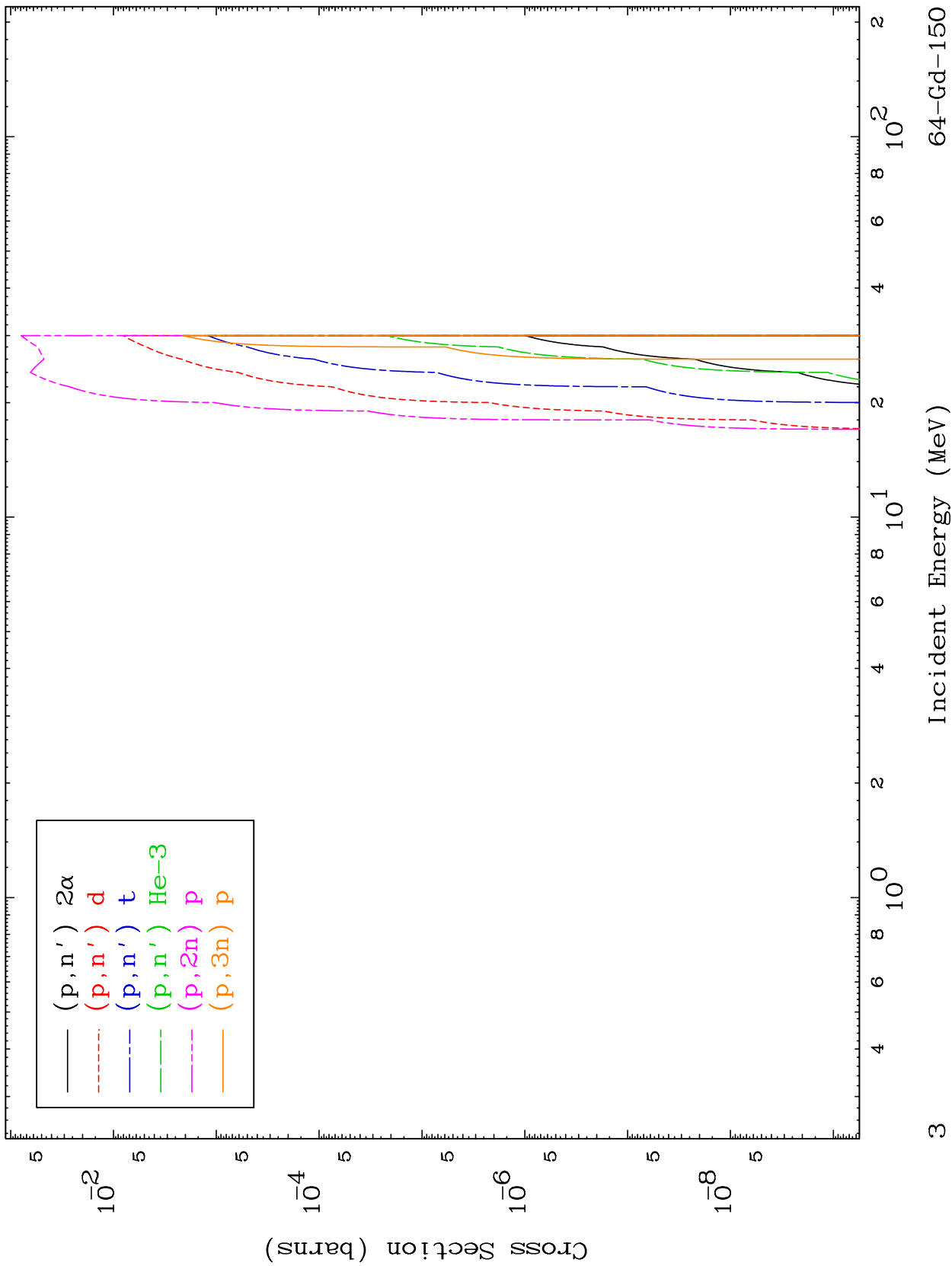
Incident Energy (MeV)

64-Gd-150

MAT 6419

Proton Neutron Production  
0 Kelvin Cross Sections

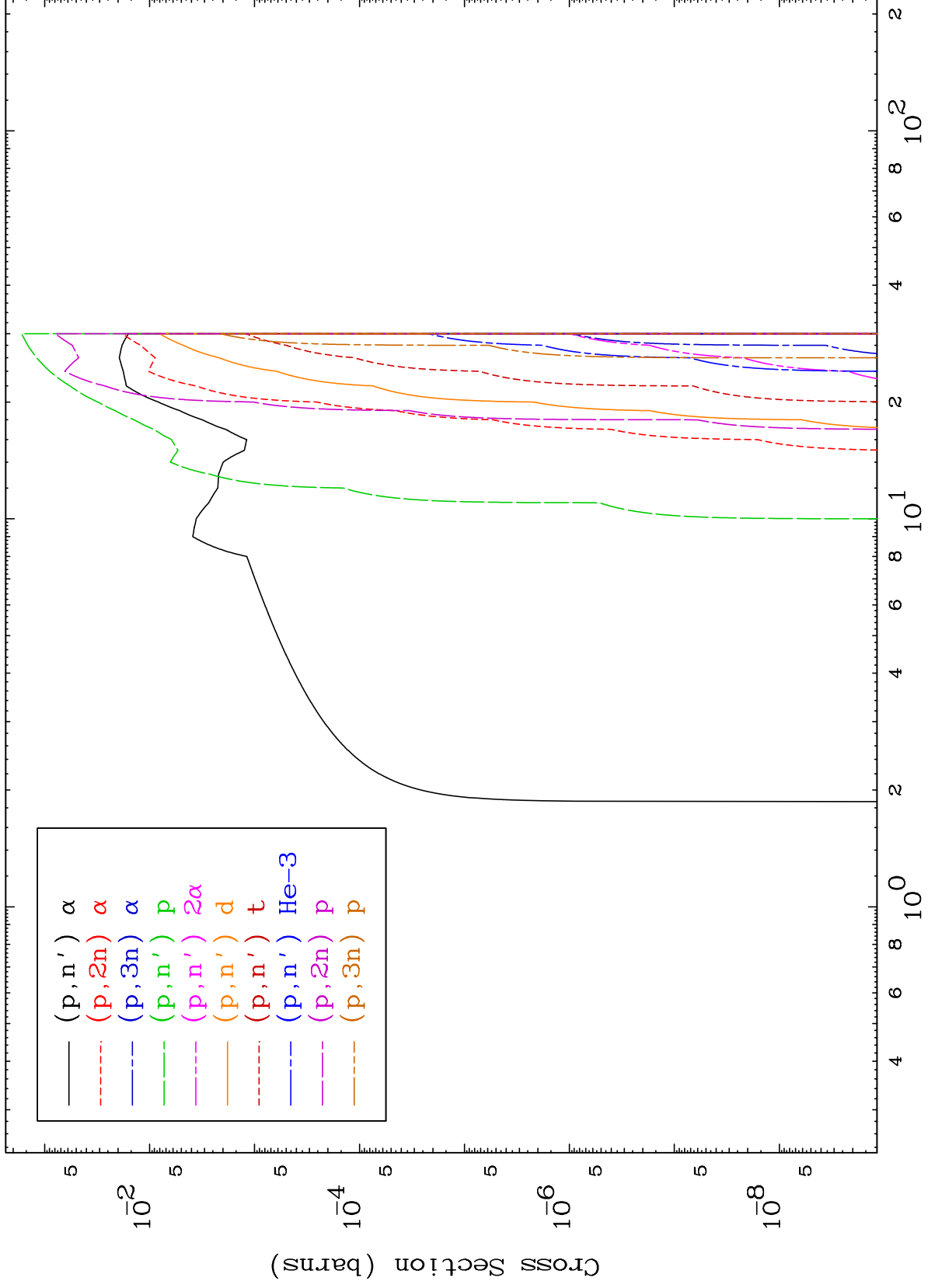
64-Gd-150



MAT 6419

Proton Charged Particle  
0 Kelvin Cross Sections

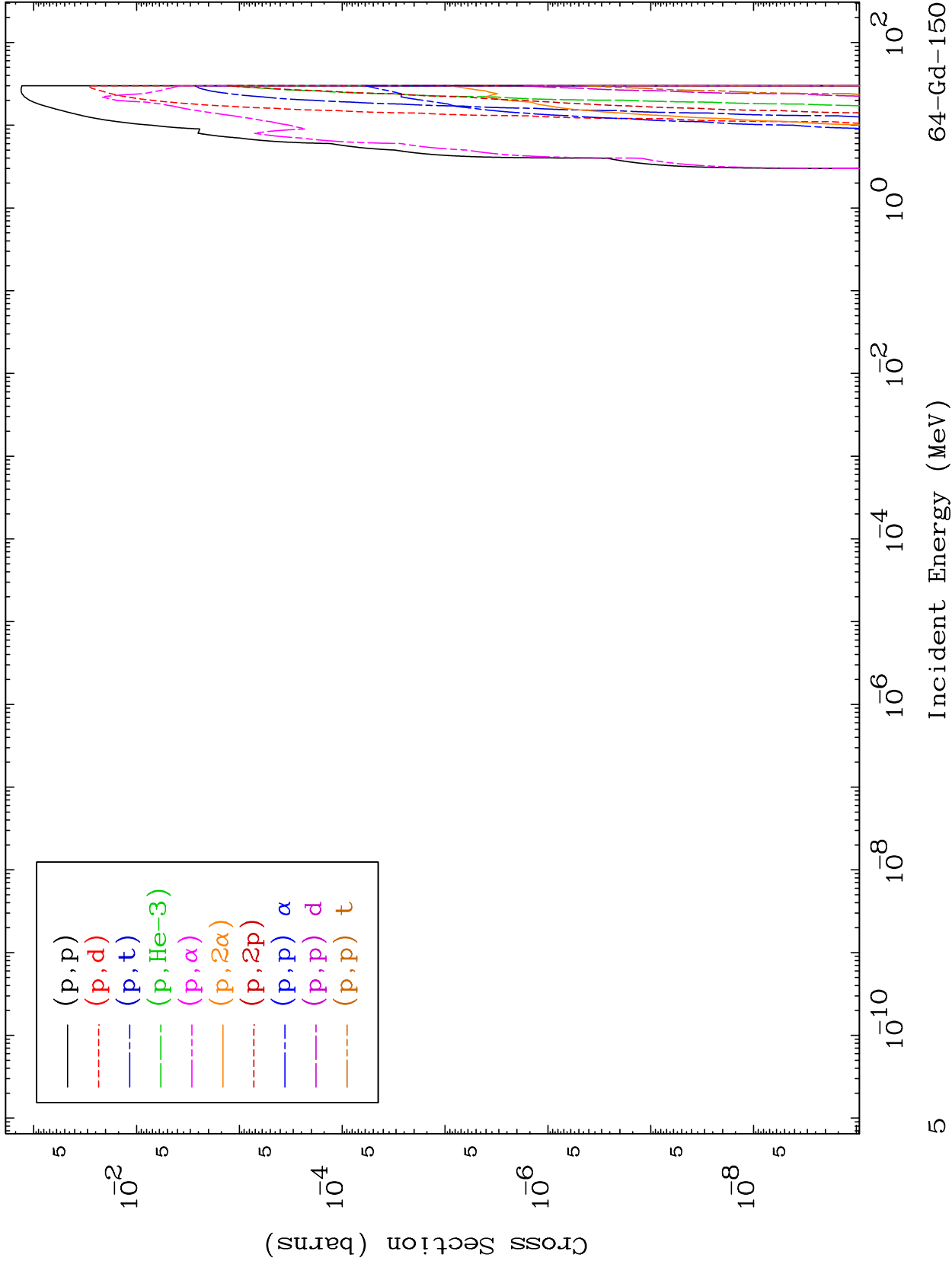
64-Gd-150



MAT 6419

Proton Charged Particle  
0 Kelvin Cross Sections

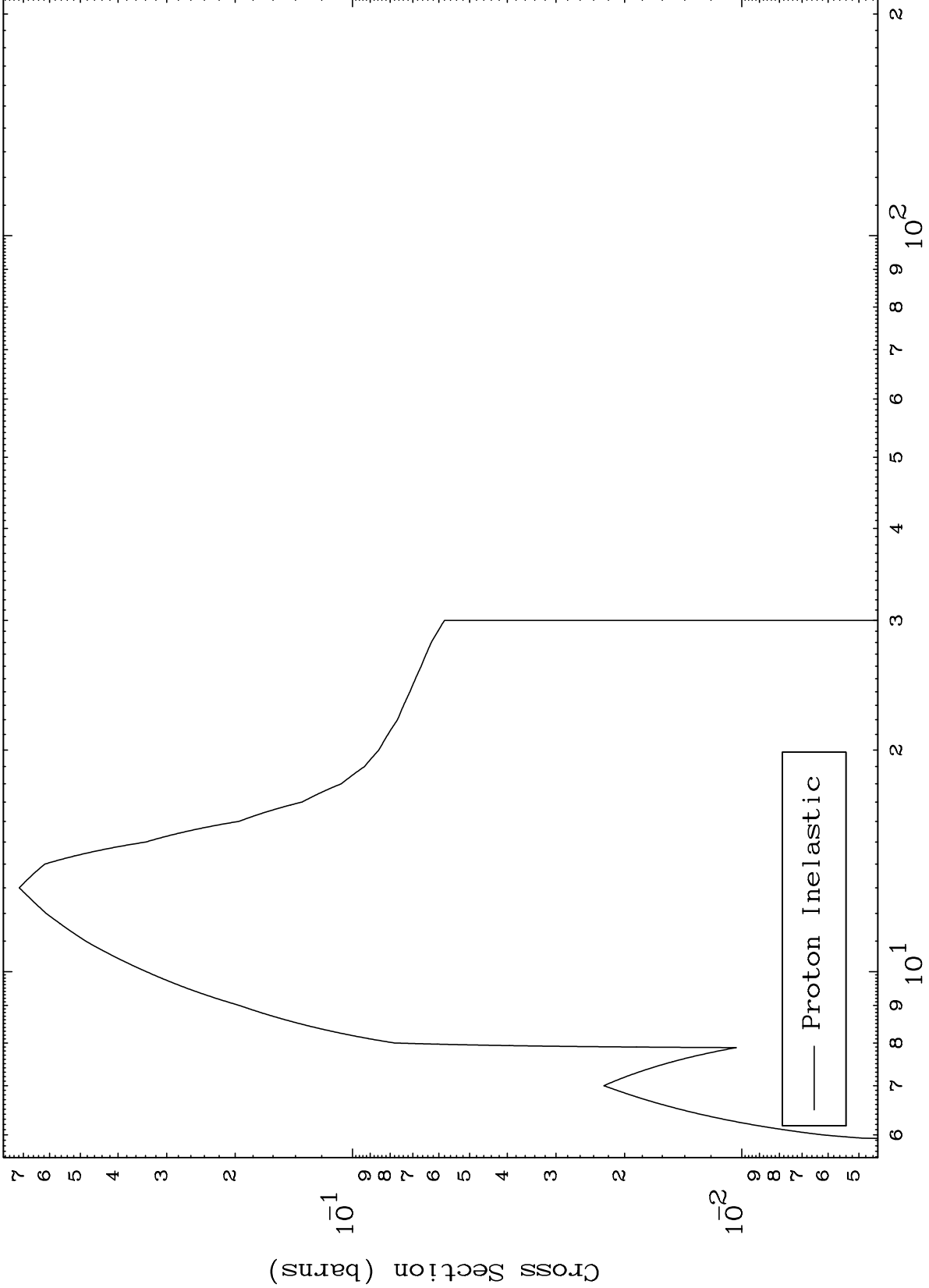
64-Gd-150



MAT 6419

(p,n') Level  
0 Kelvin Cross Sections

64-Gd-150



6

Incident Energy (MeV)

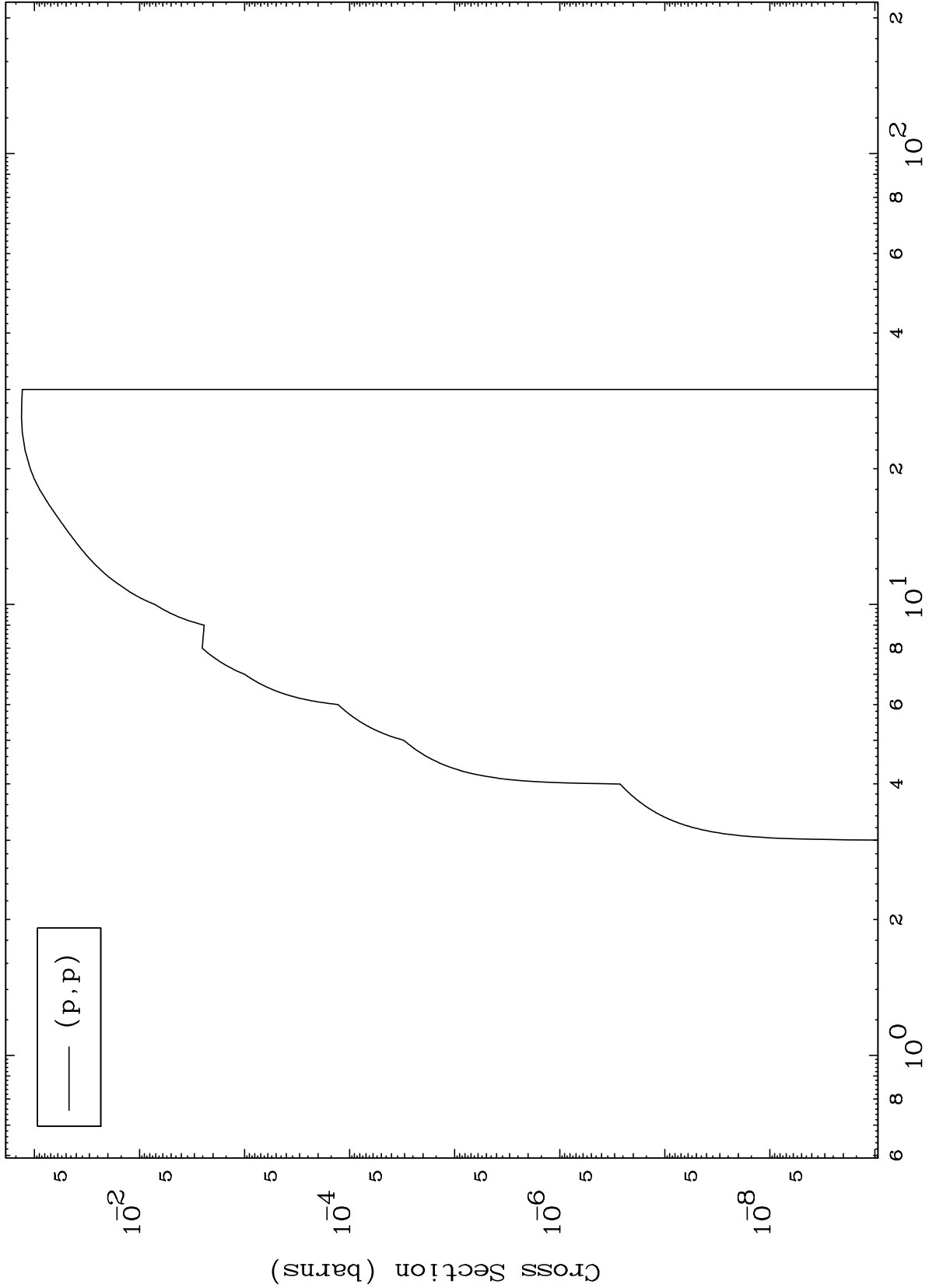
64-Gd-150

MAT 6419

(p,p) Levels

64-Gd-150

0 Kelvin Cross Sections



7

Incident Energy (MeV)

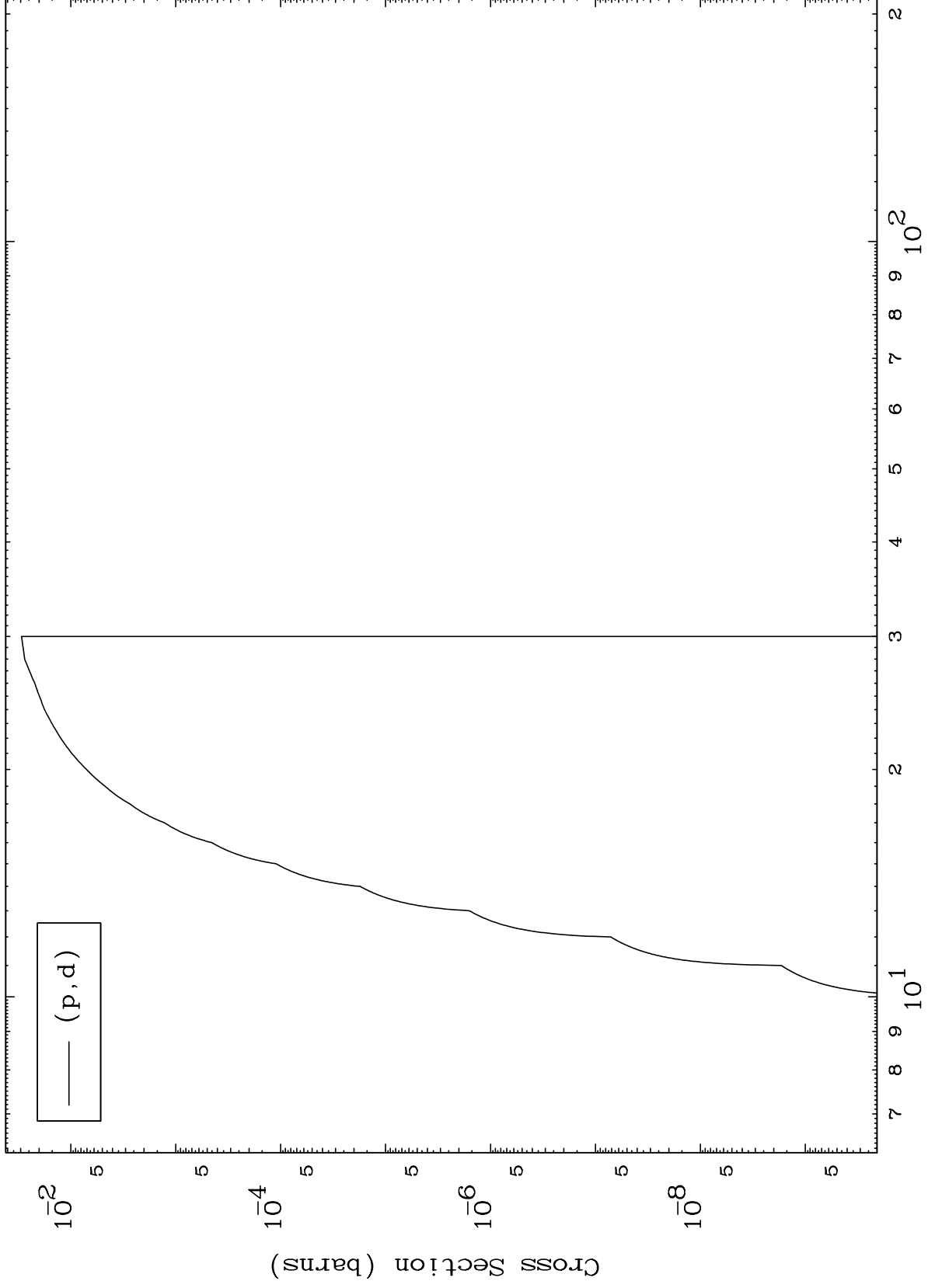
64-Gd-150



MAT 6419

(p,d) Levels  
0 Kelvin Cross Sections

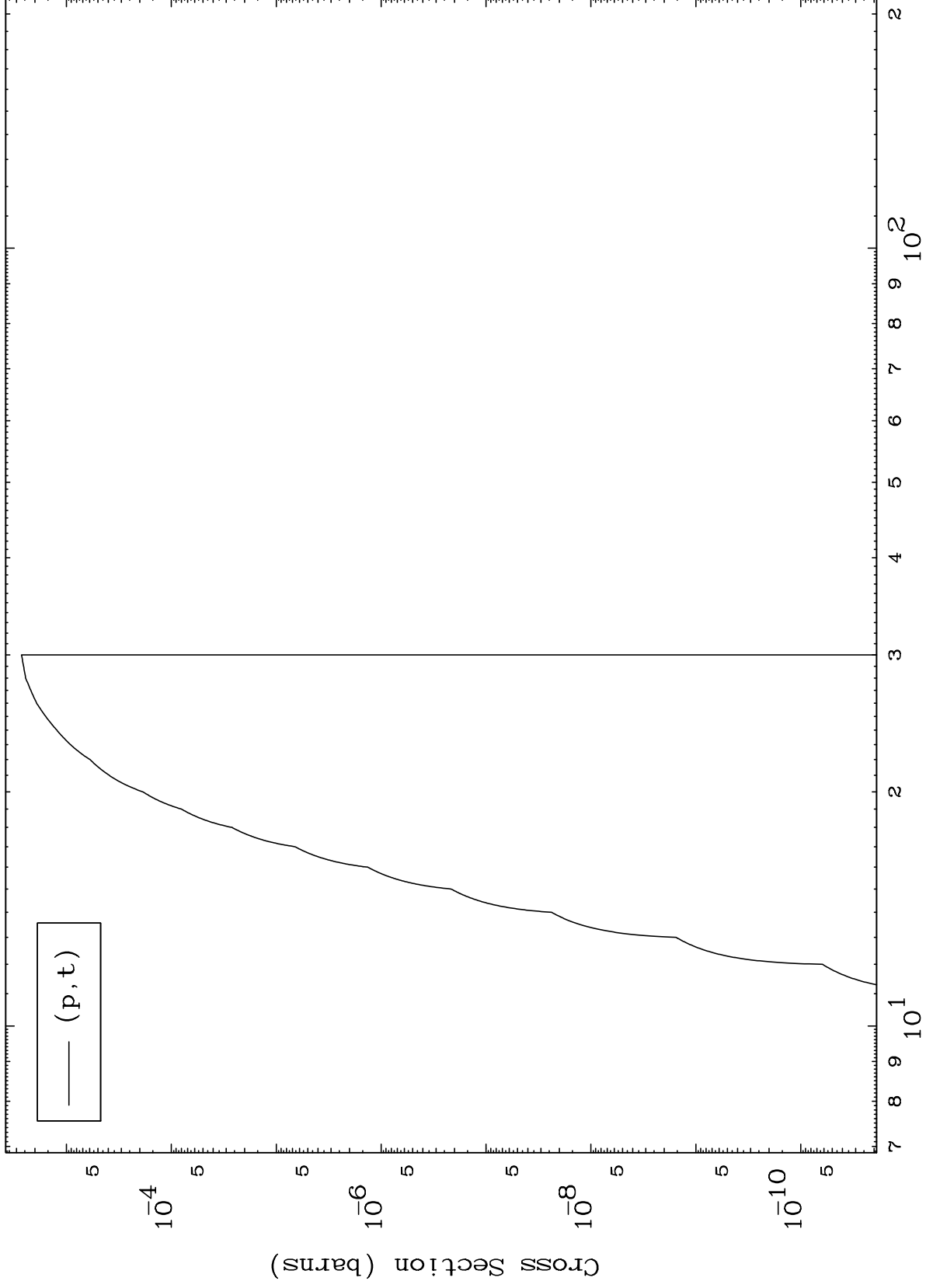
64-Gd-150



MAT 6419

(p, t) Levels  
0 Kelvin Cross Sections

64-Gd-150



9

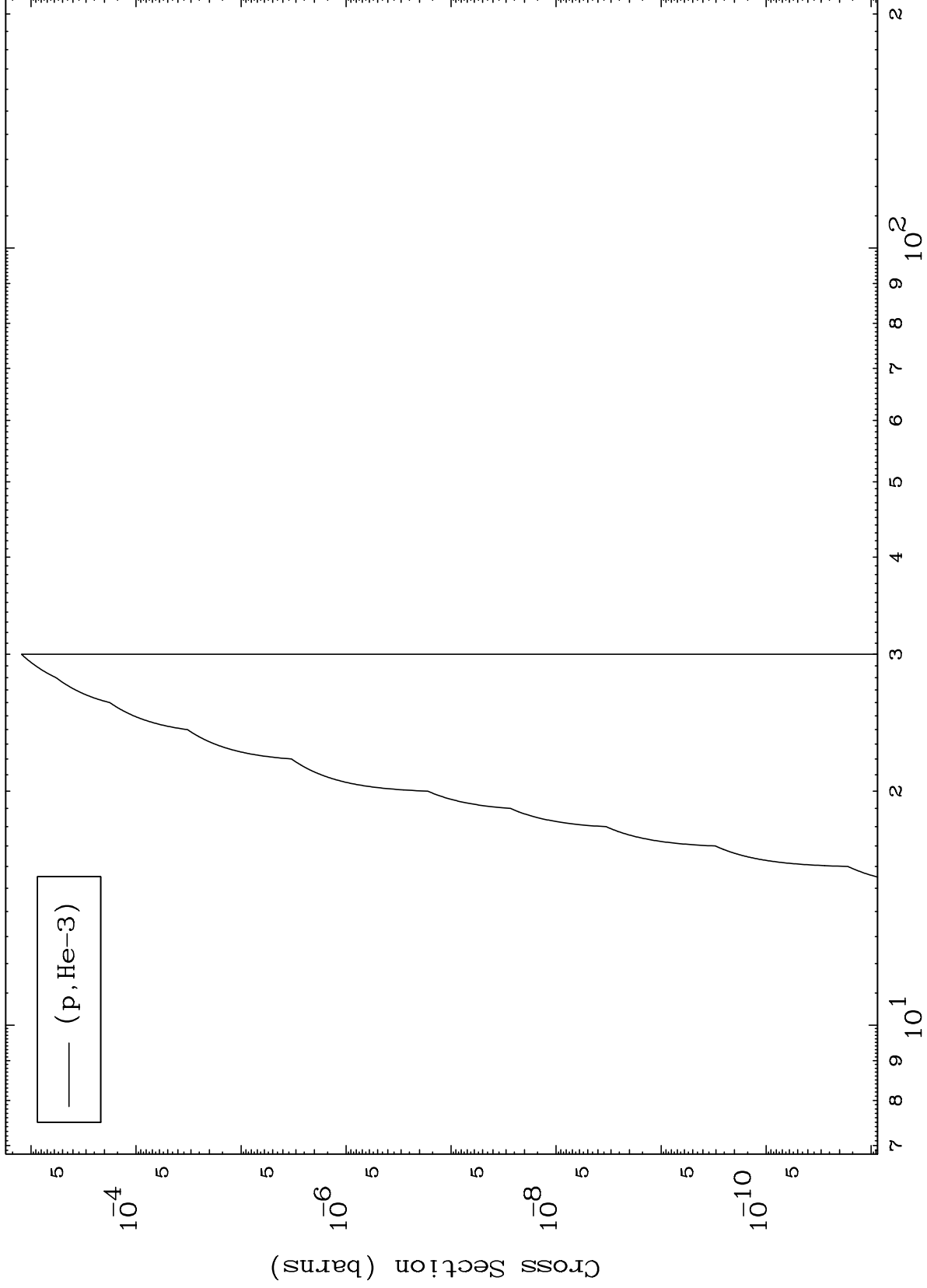
Incident Energy (MeV)

64-Gd-150

MAT 6419

(p,He3) Levels  
0 Kelvin Cross Sections

64-Gd-150



10

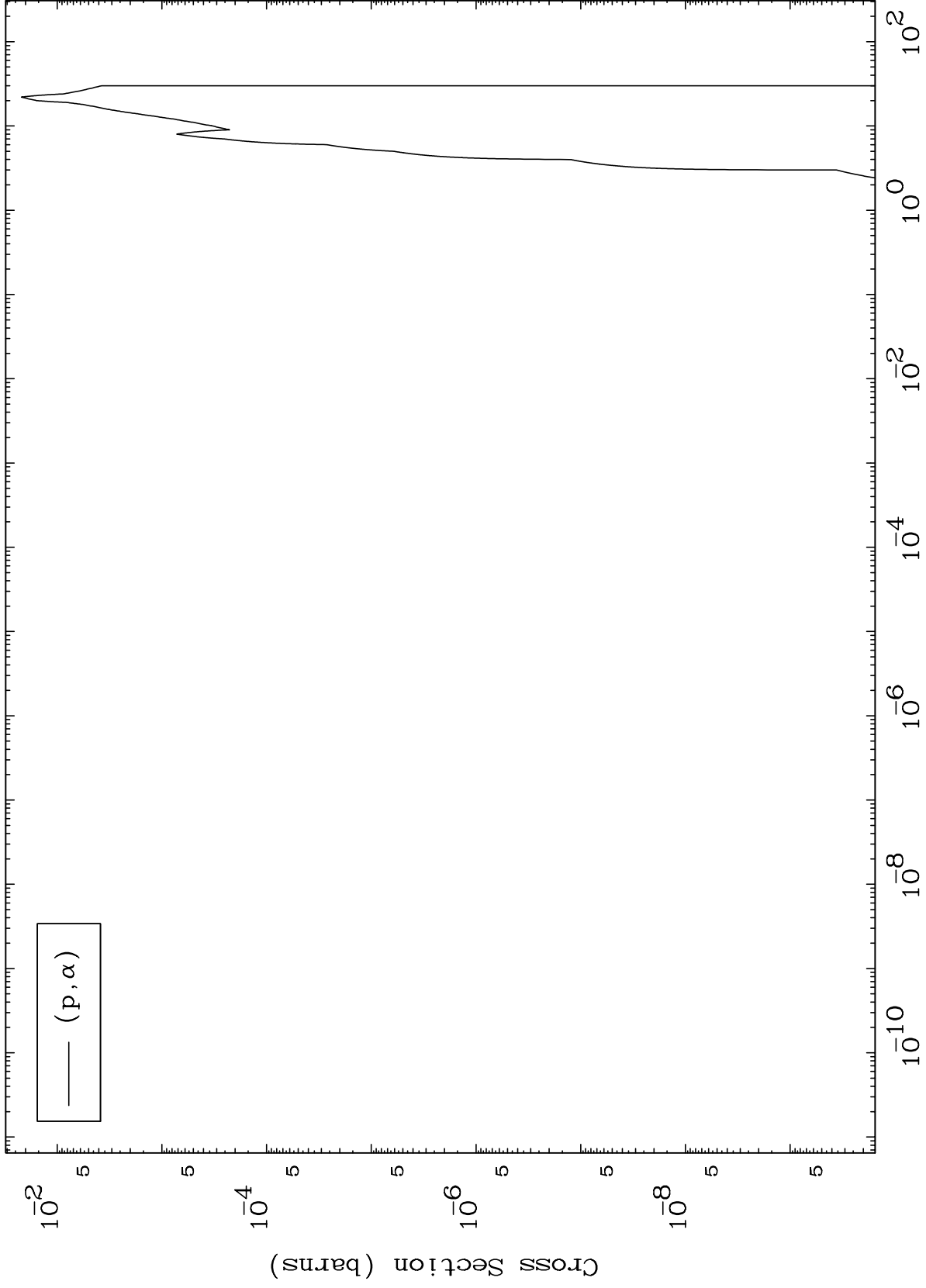
Incident Energy (MeV)

64-Gd-150

MAT 6419

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

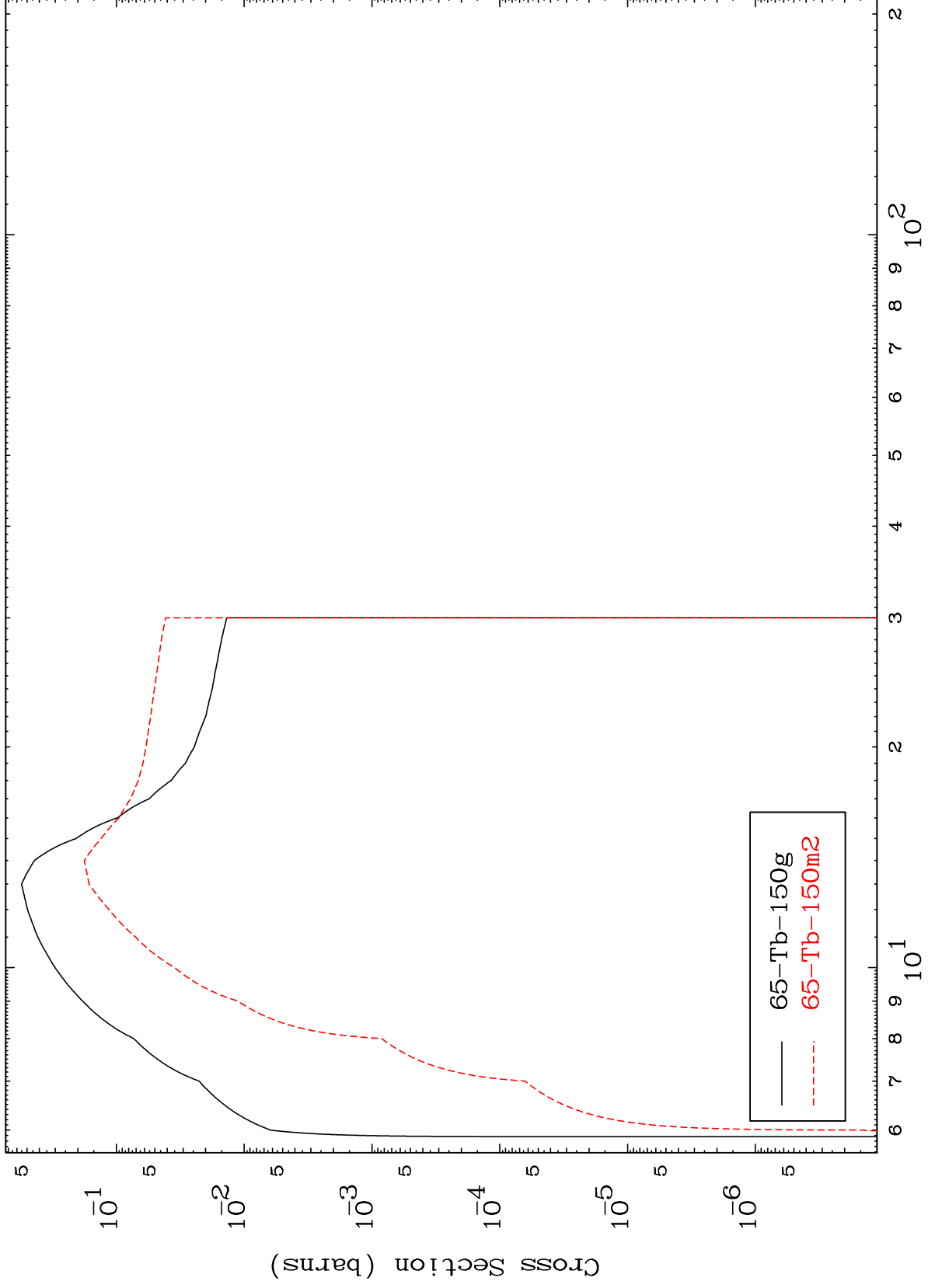
64-Gd-150



MAT 6419

Proton Inelastic  
Radionuclide Production Cross Section

64-Gd-150



12

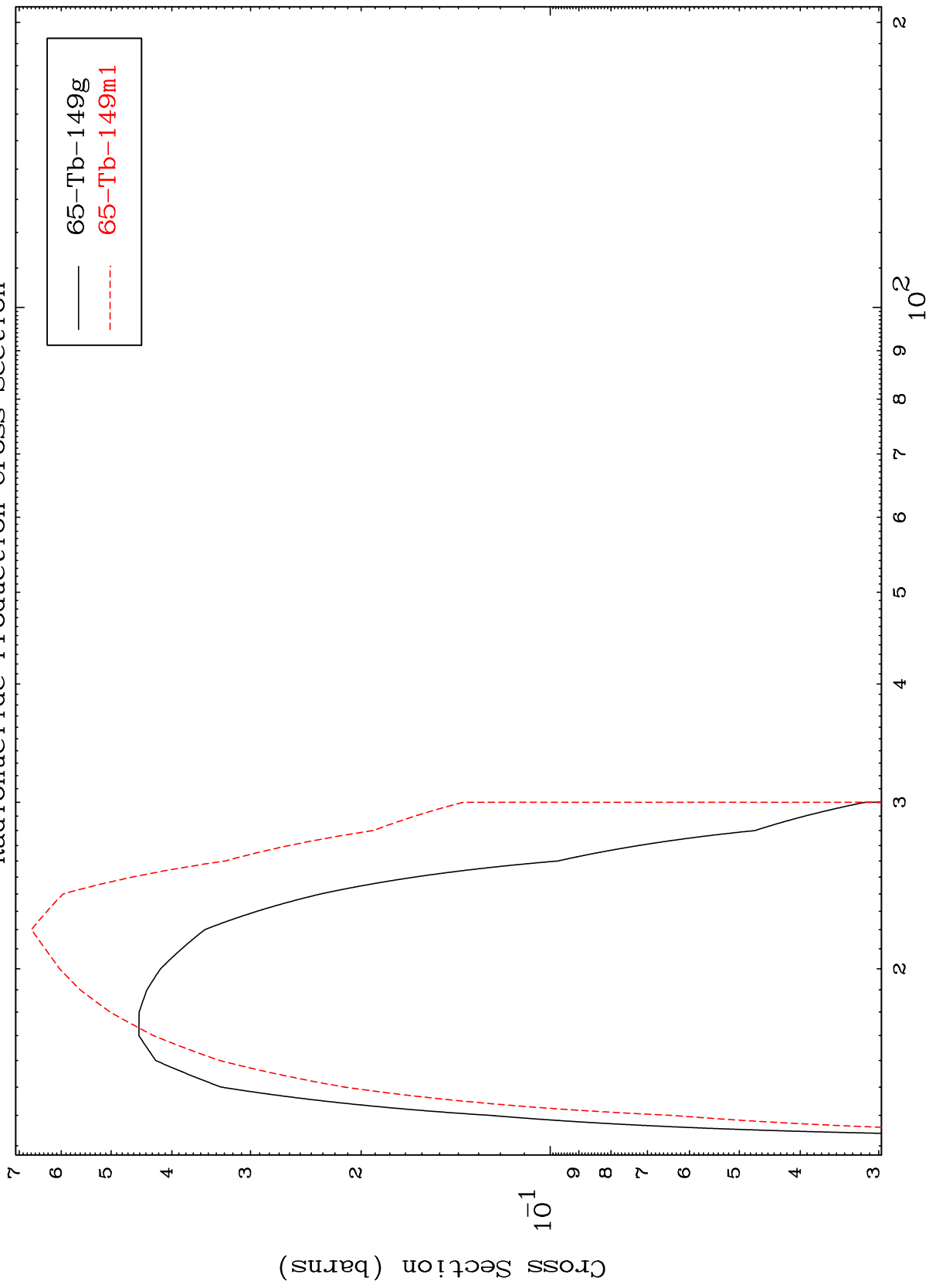
Incident Energy (MeV)

64-Gd-150

MAT 6419

64-Gd-150

(p,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

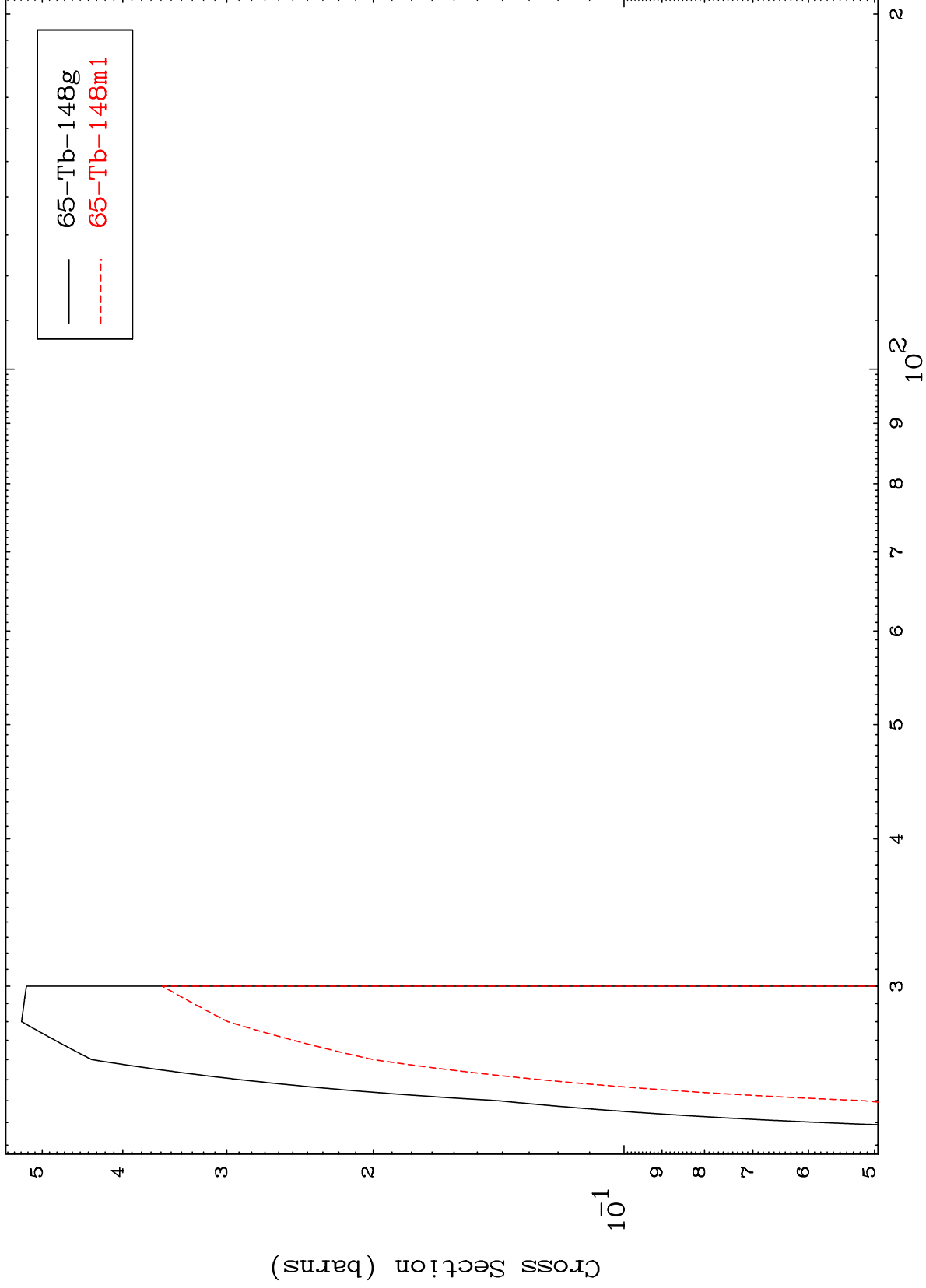
64-Gd-150

MAT 6419

(p,3n)

64-Gd-150

Radionuclide Production Cross Section



14

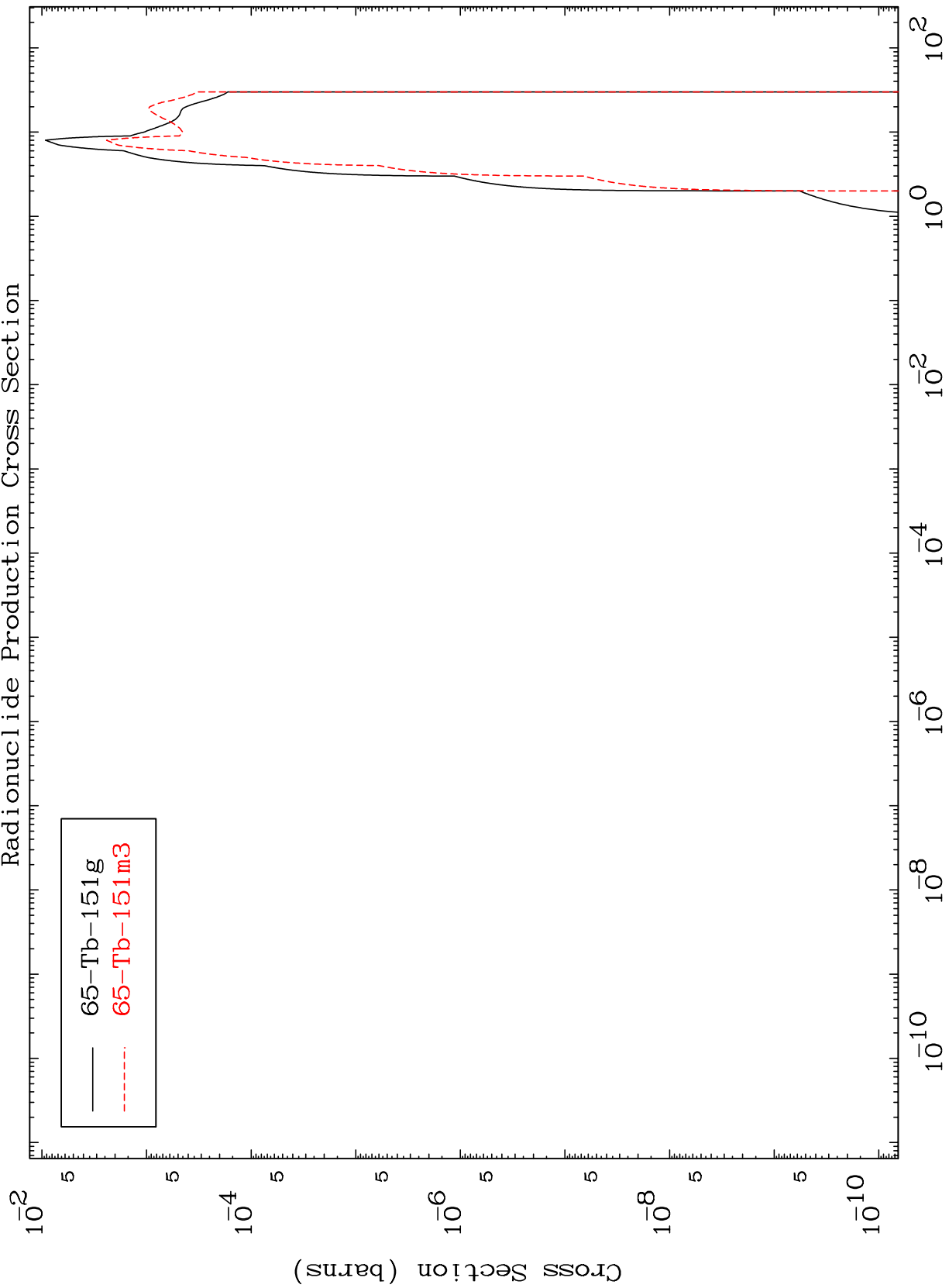
Incident Energy (MeV)

64-Gd-150

MAT 6419

64-Gd-150

Radionuclide Production Cross Section  
(p,  $\gamma$ )



65-Tb-151g  
65-Tb-151m3

Incident Energy (MeV)

64-Gd-150

15