

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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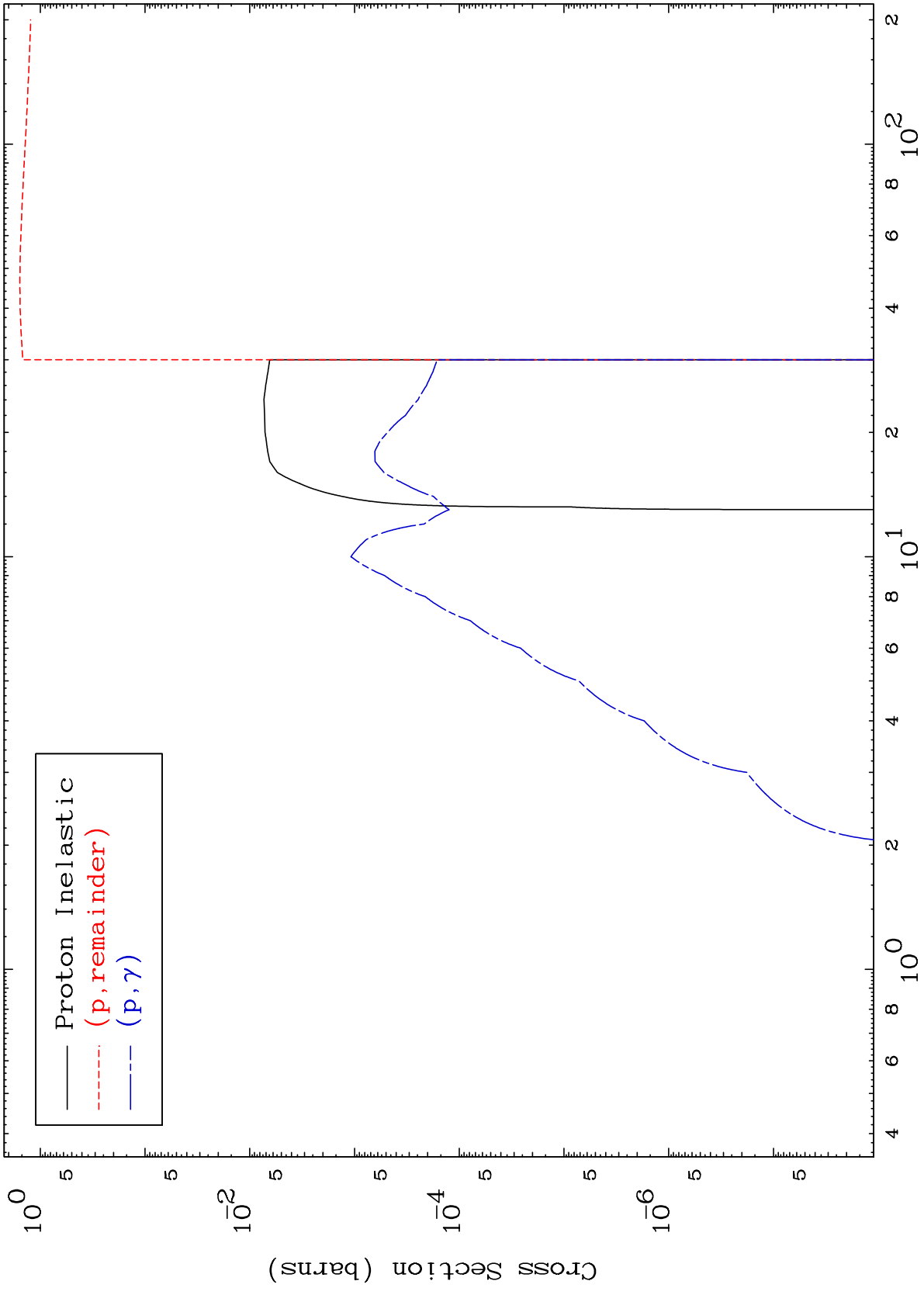
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

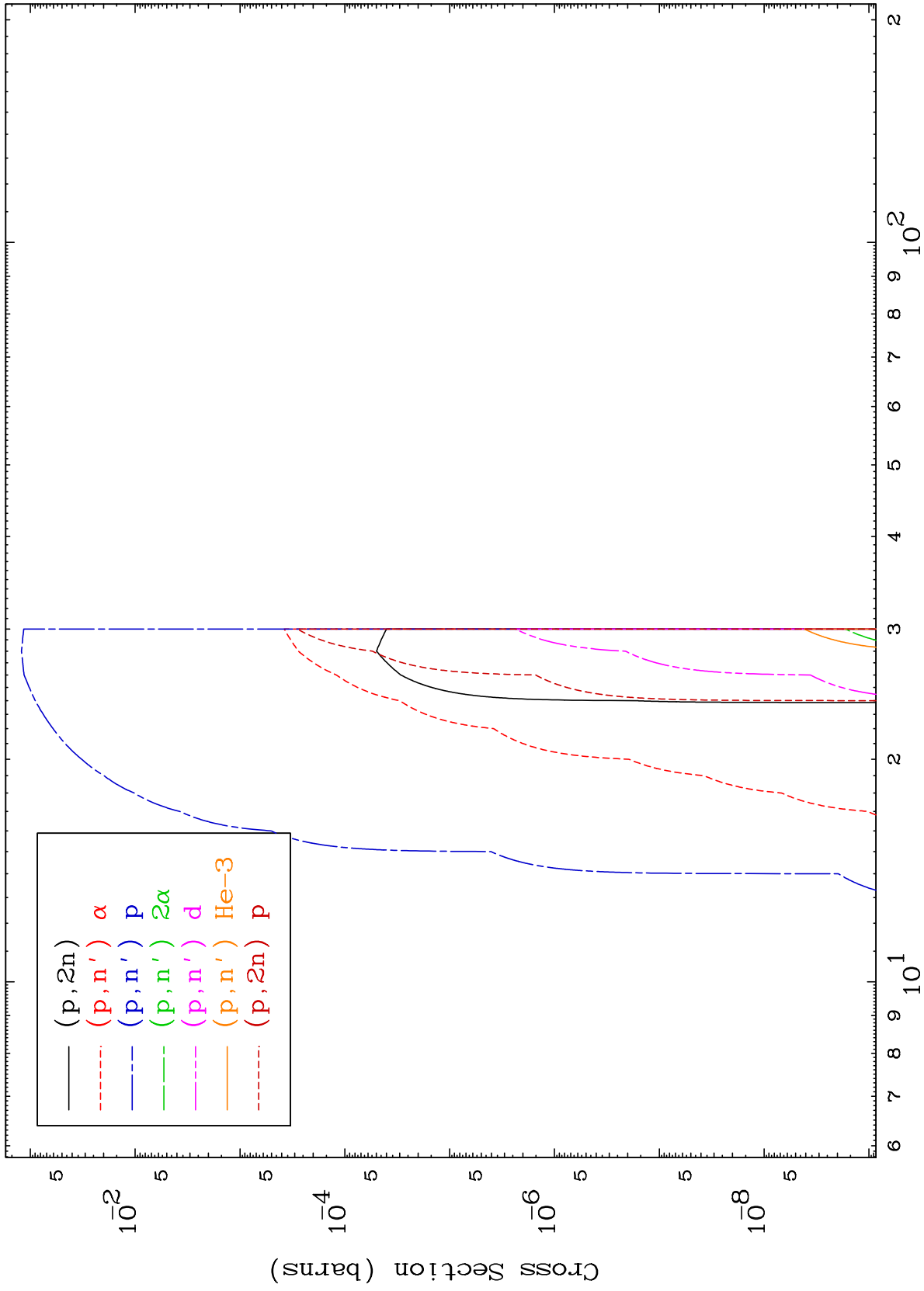
MAT 6383

Proton Major  
0 Kelvin Cross Sections

64-Gd-138



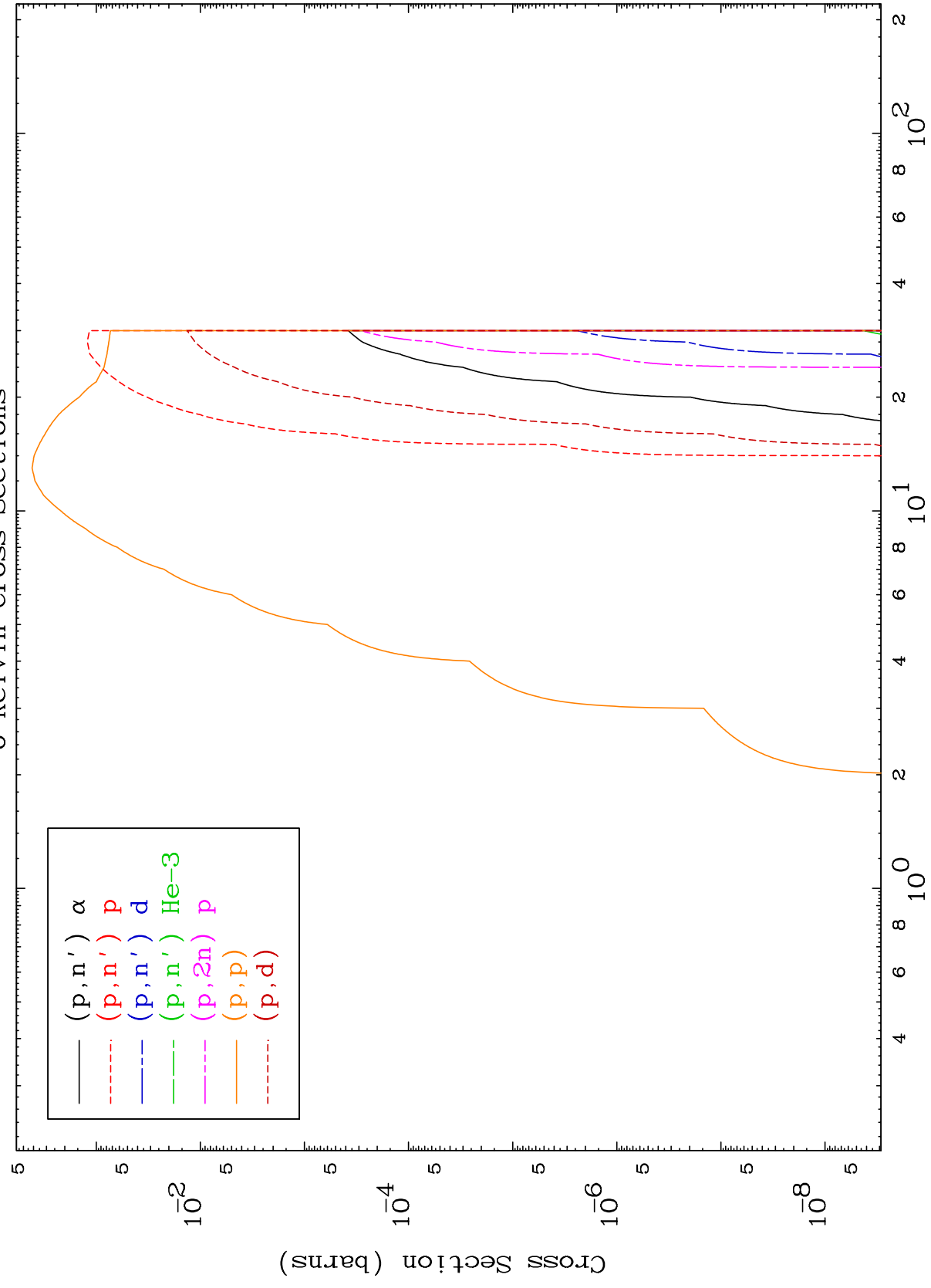
— Proton Inelastic  
- - - (p, remainder)  
- · - (p, γ)



MAT 6383

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-138



3

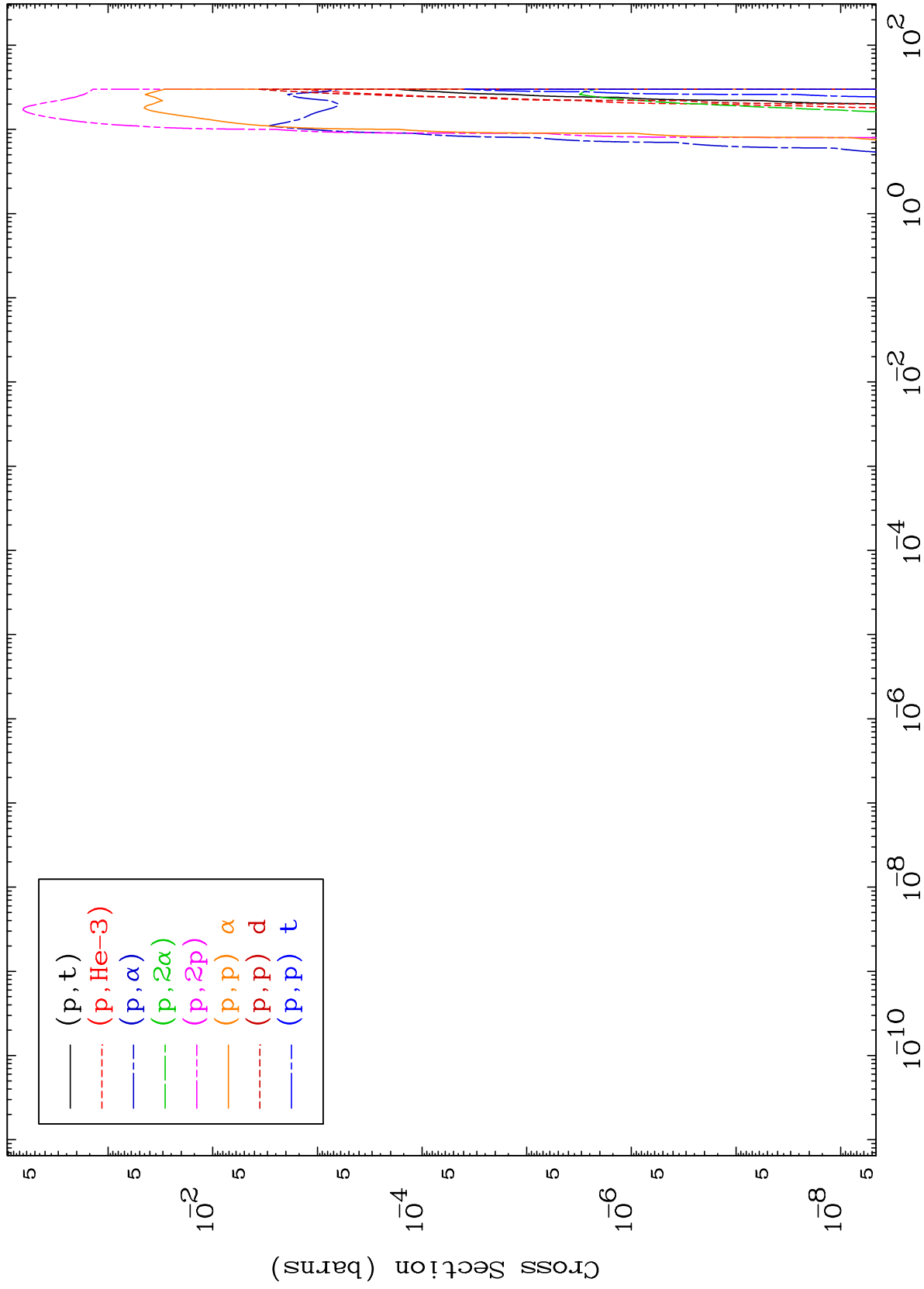
Incident Energy (MeV)

64-Gd-138

MAT 6383

Proton Charged Particle  
0 Kelvin Cross Sections

64-Gd-138

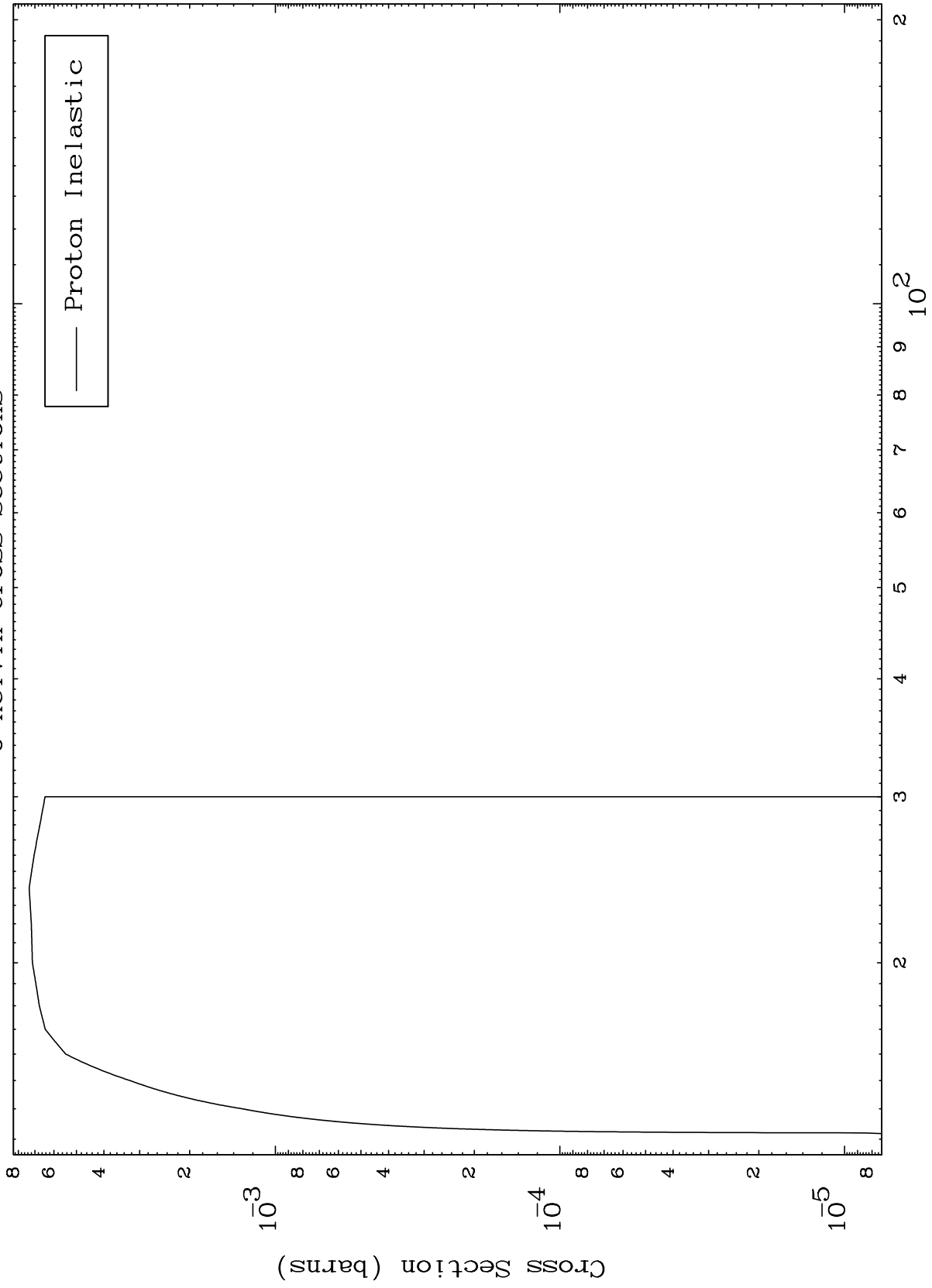


64-Gd-138

MAT 6383

(p,n') Level  
0 Kelvin Cross Sections

64-Gd-138



5

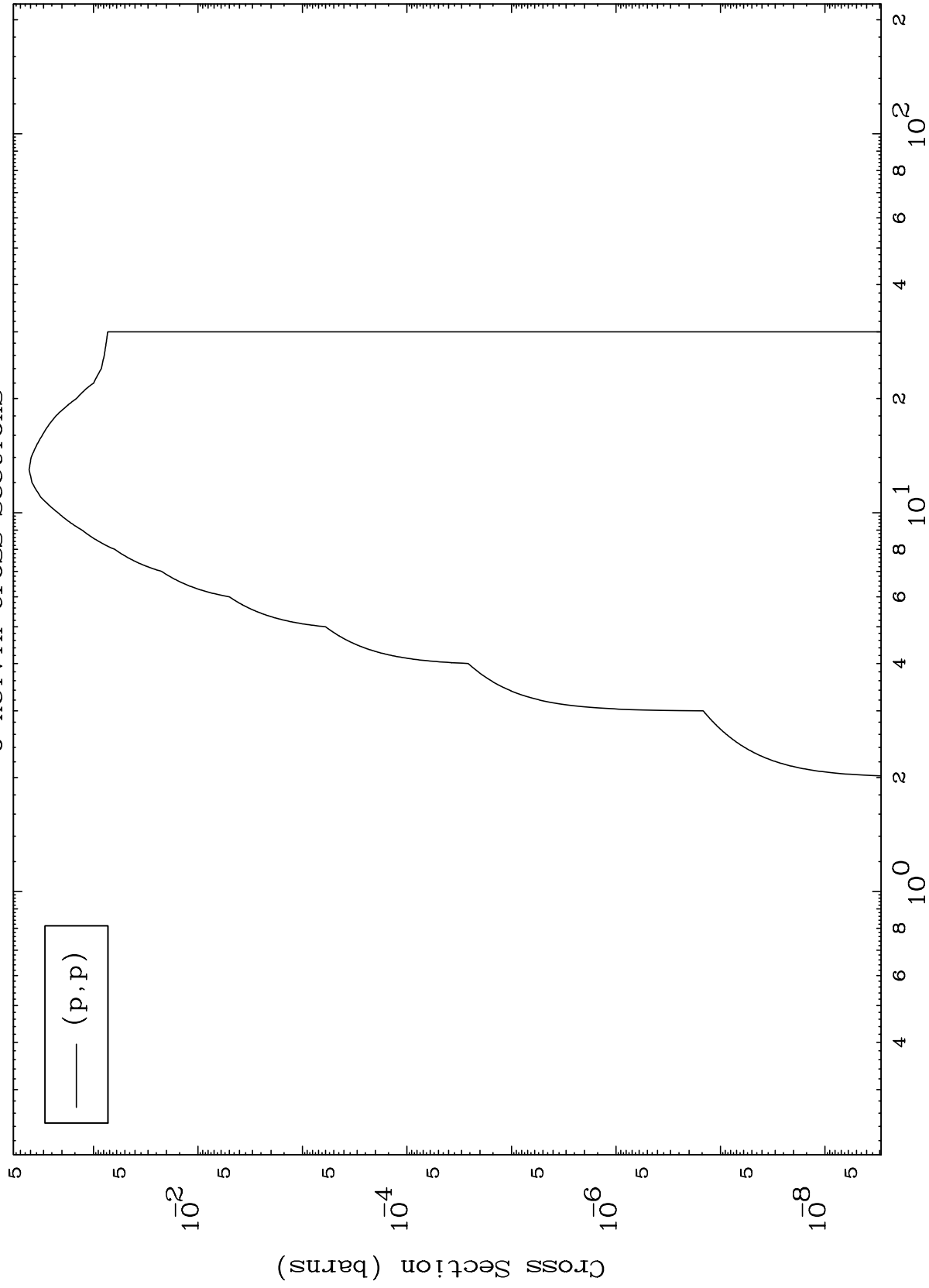
Incident Energy (MeV)

64-Gd-138

MAT 6383

(p,p) Levels  
0 Kelvin Cross Sections

64-Gd-138



6

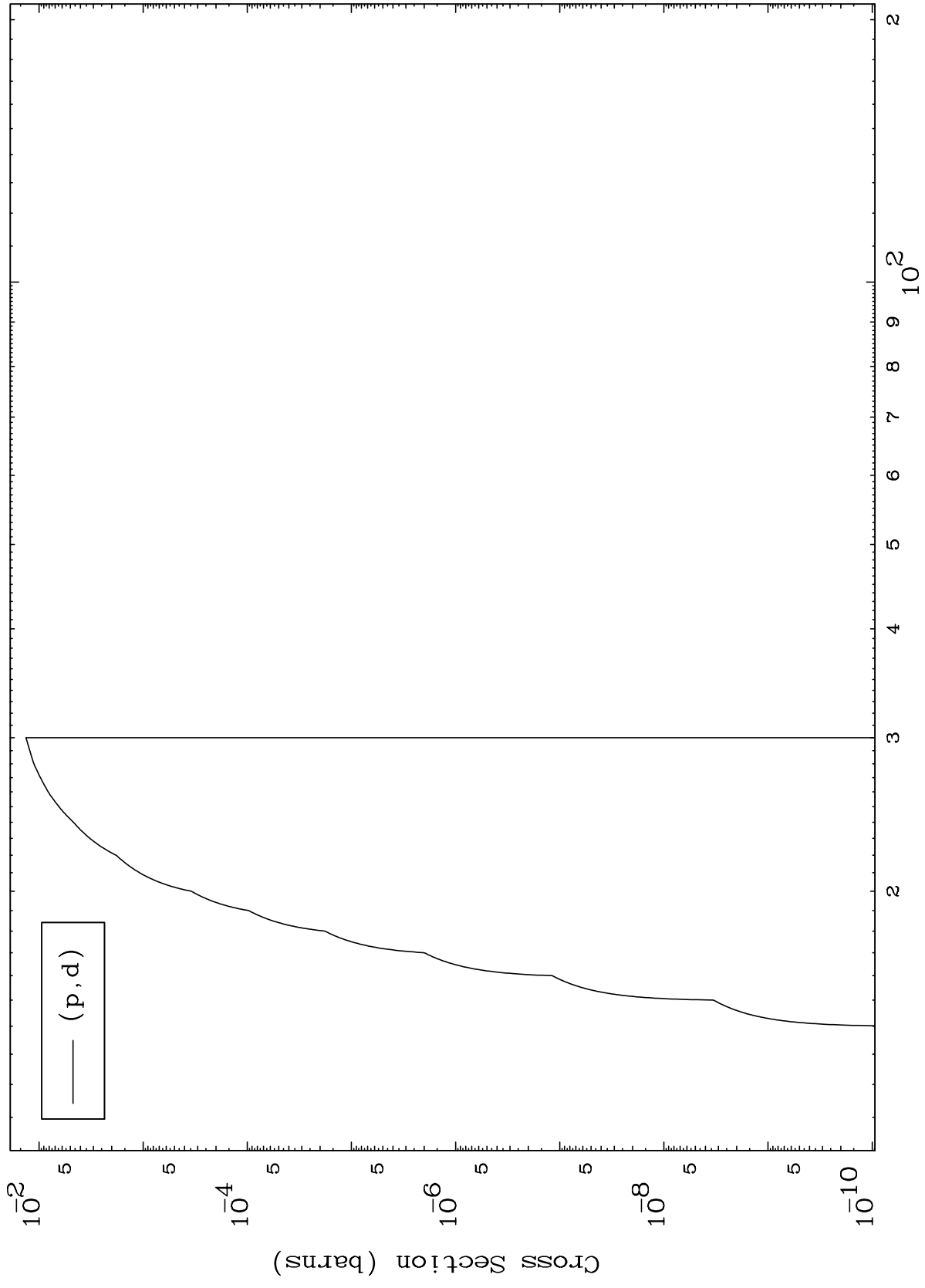
Incident Energy (MeV)

64-Gd-138

MAT 6383

(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-138



7

Incident Energy (MeV)

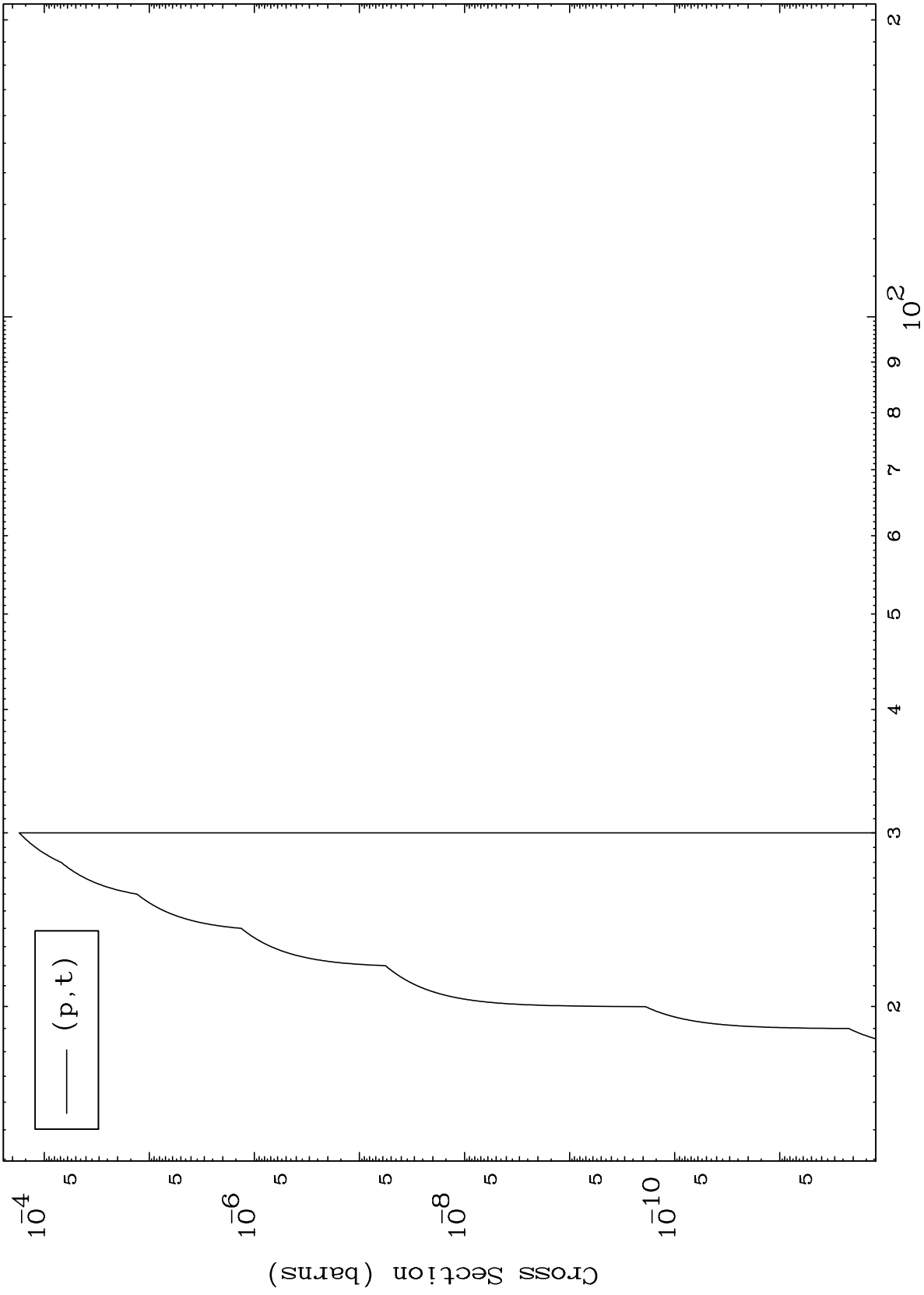
64-Gd-138



MAT 6383

(p,t) Levels  
0 Kelvin Cross Sections

64-Gd-138



8

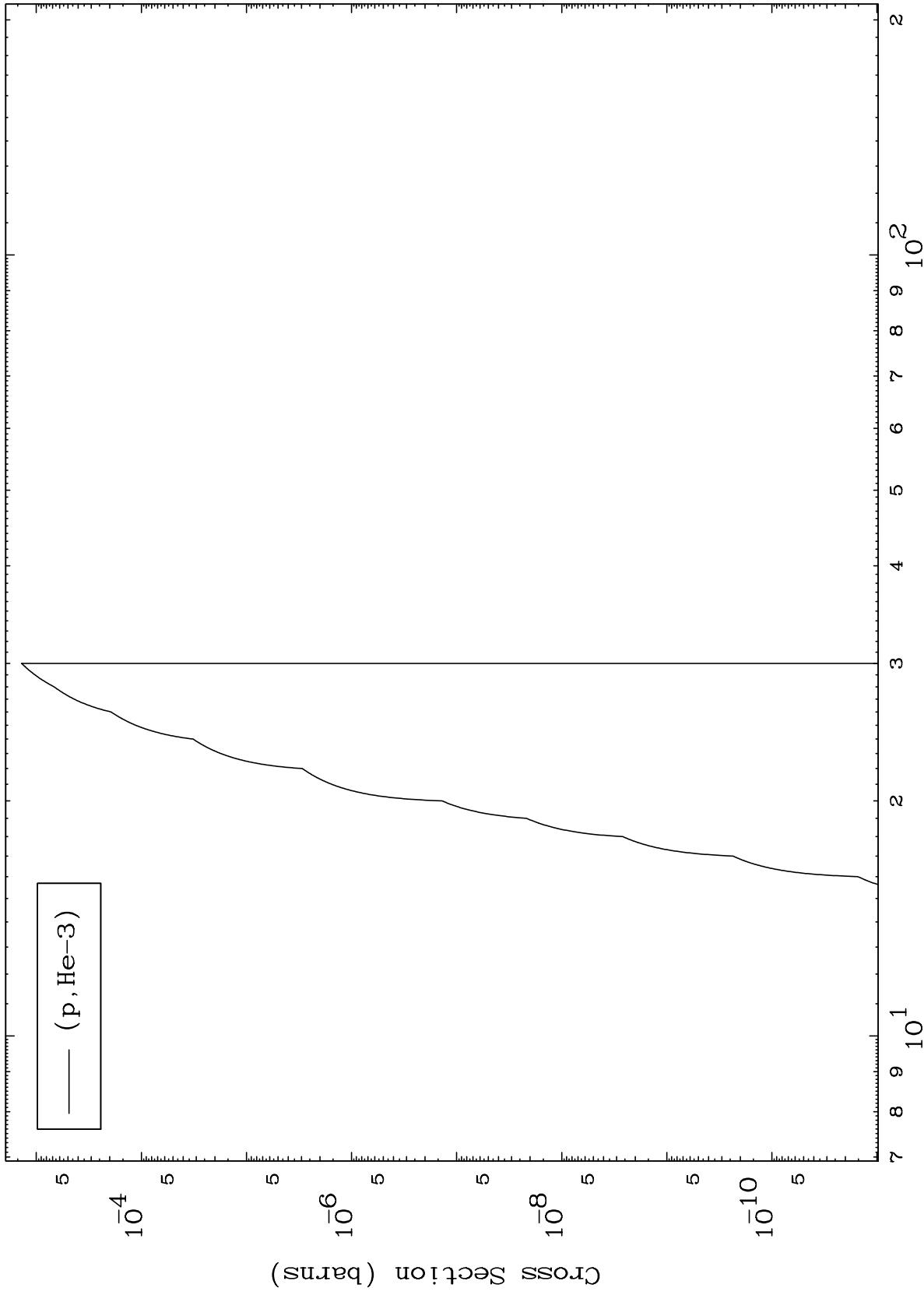
Incident Energy (MeV)

64-Gd-138

MAT 6383

(p,He3) Levels  
0 Kelvin Cross Sections

64-Gd-138



9

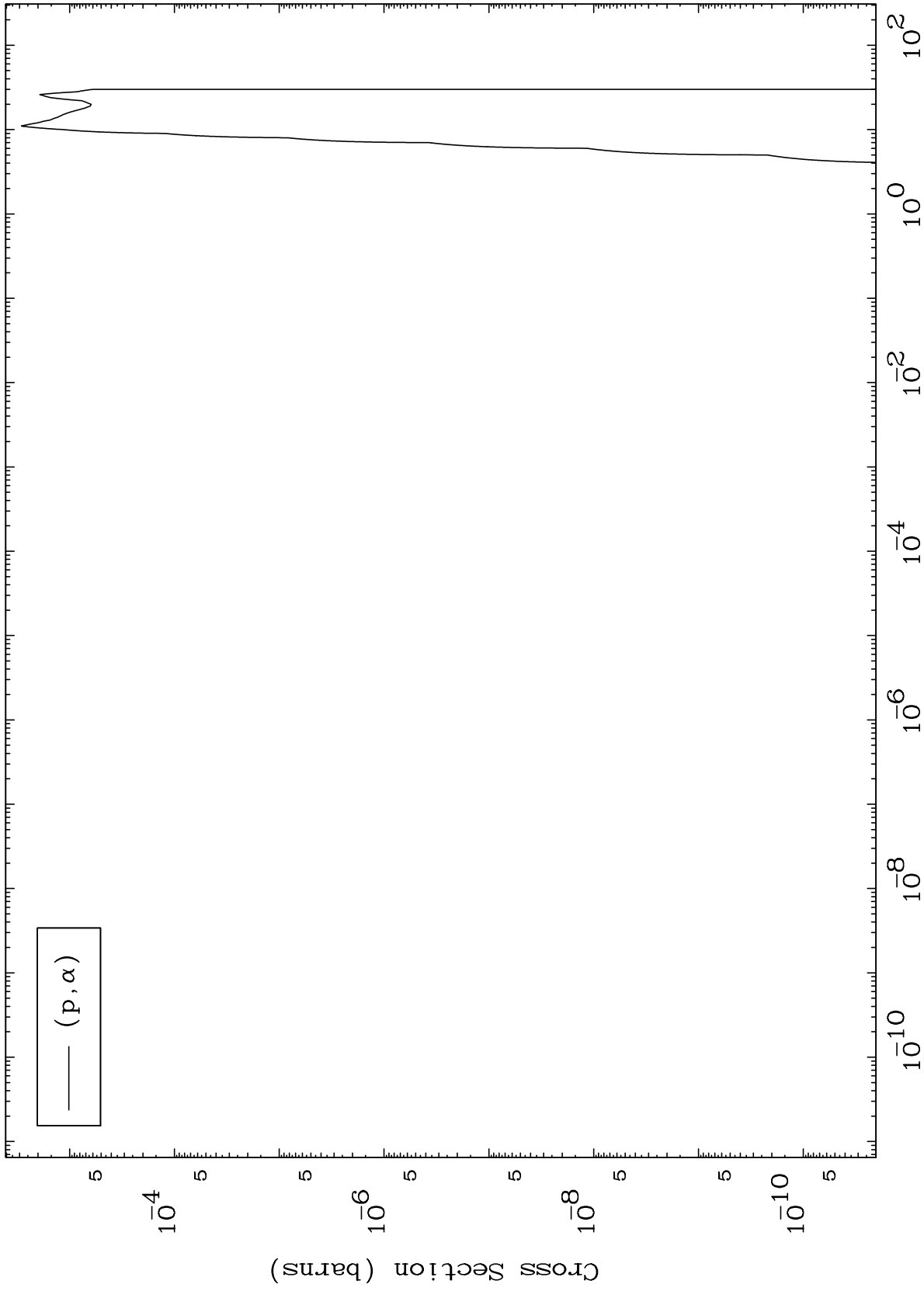
Incident Energy (MeV)

64-Gd-138

MAT 6383

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

64-Gd-138



10

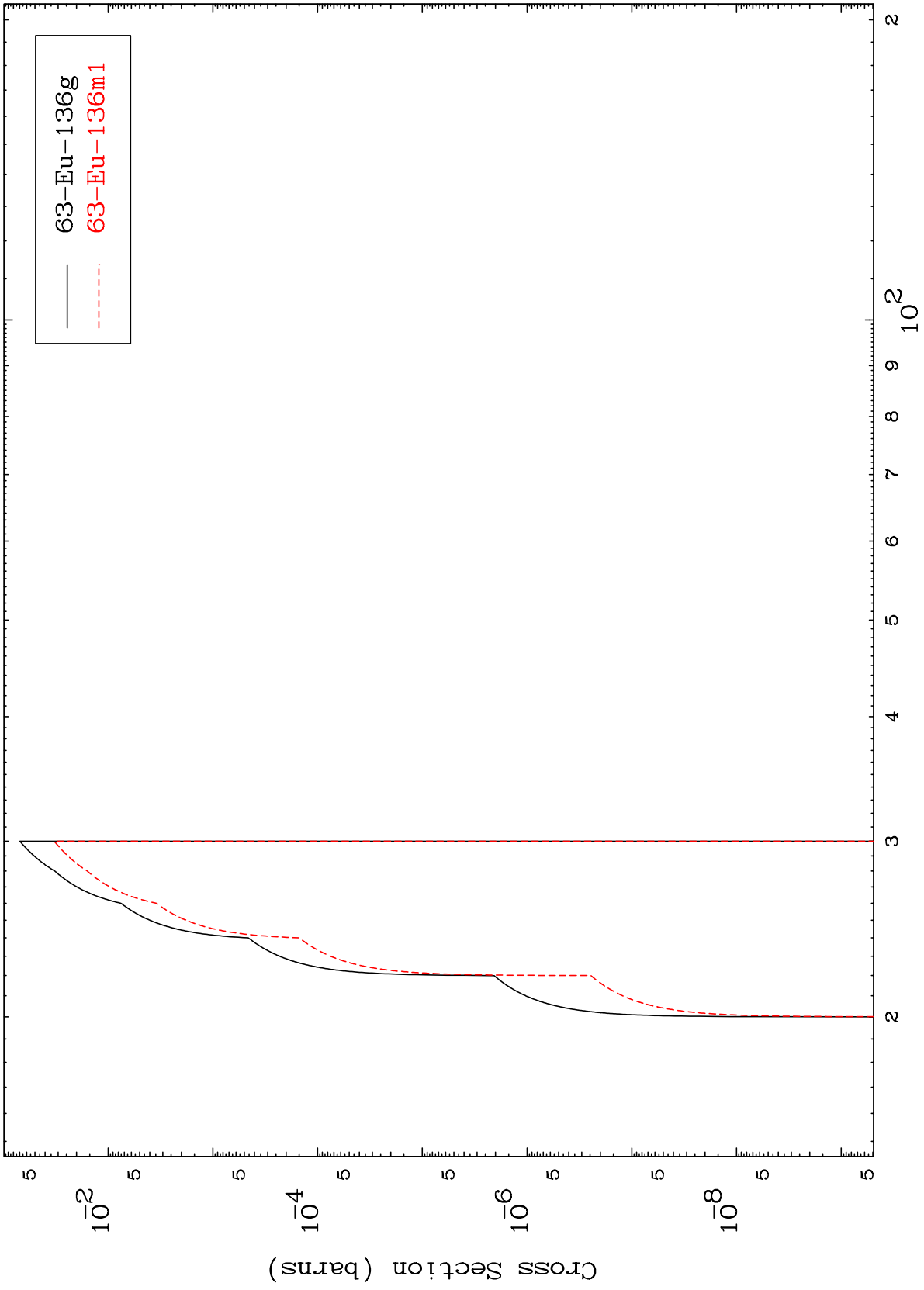
Incident Energy (MeV)

64-Gd-138

MAT 6383

64-Gd-138

(p,2n) p  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

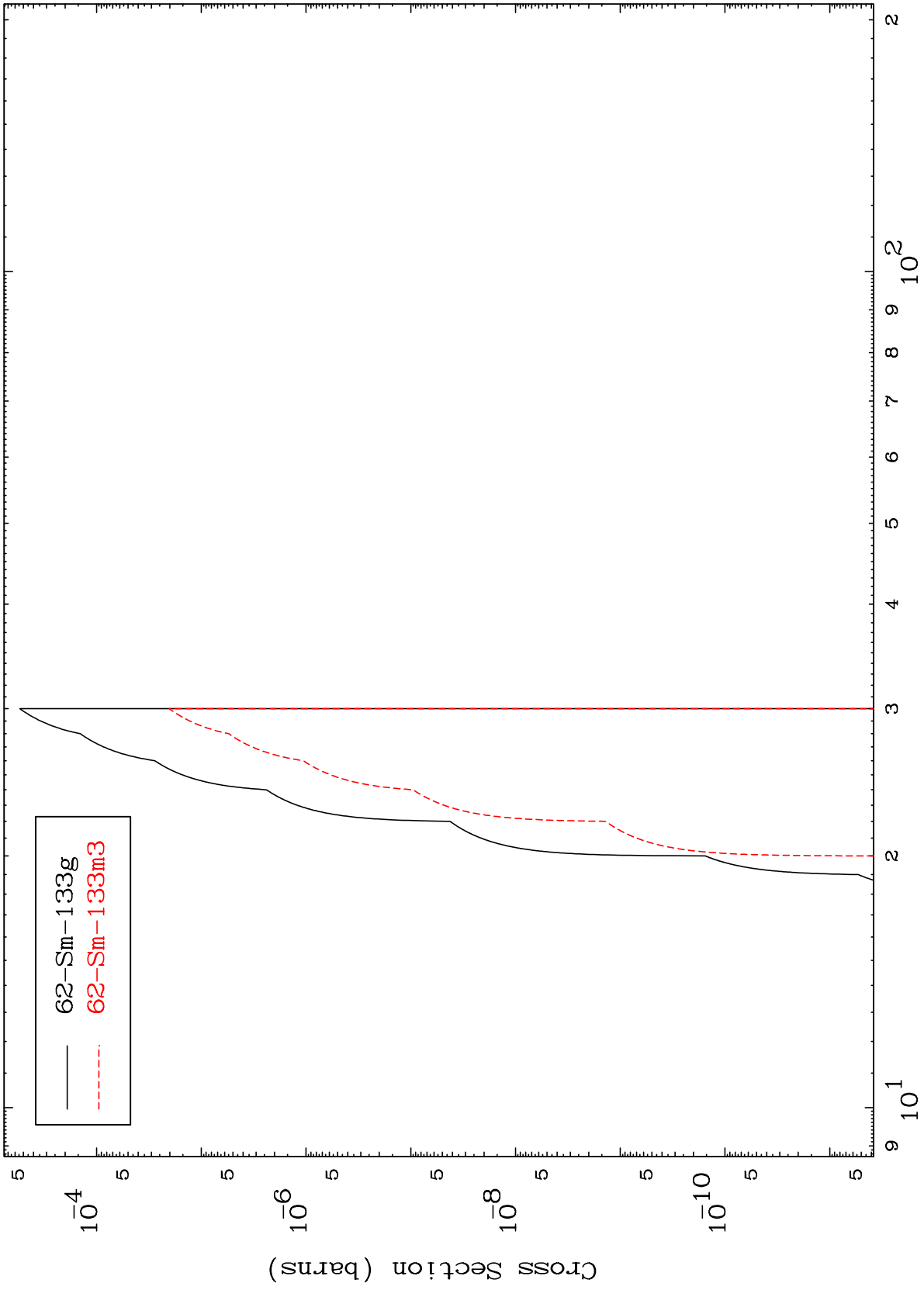
64-Gd-138

MAT 6383

(p,n') p  $\alpha$

64-Gd-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

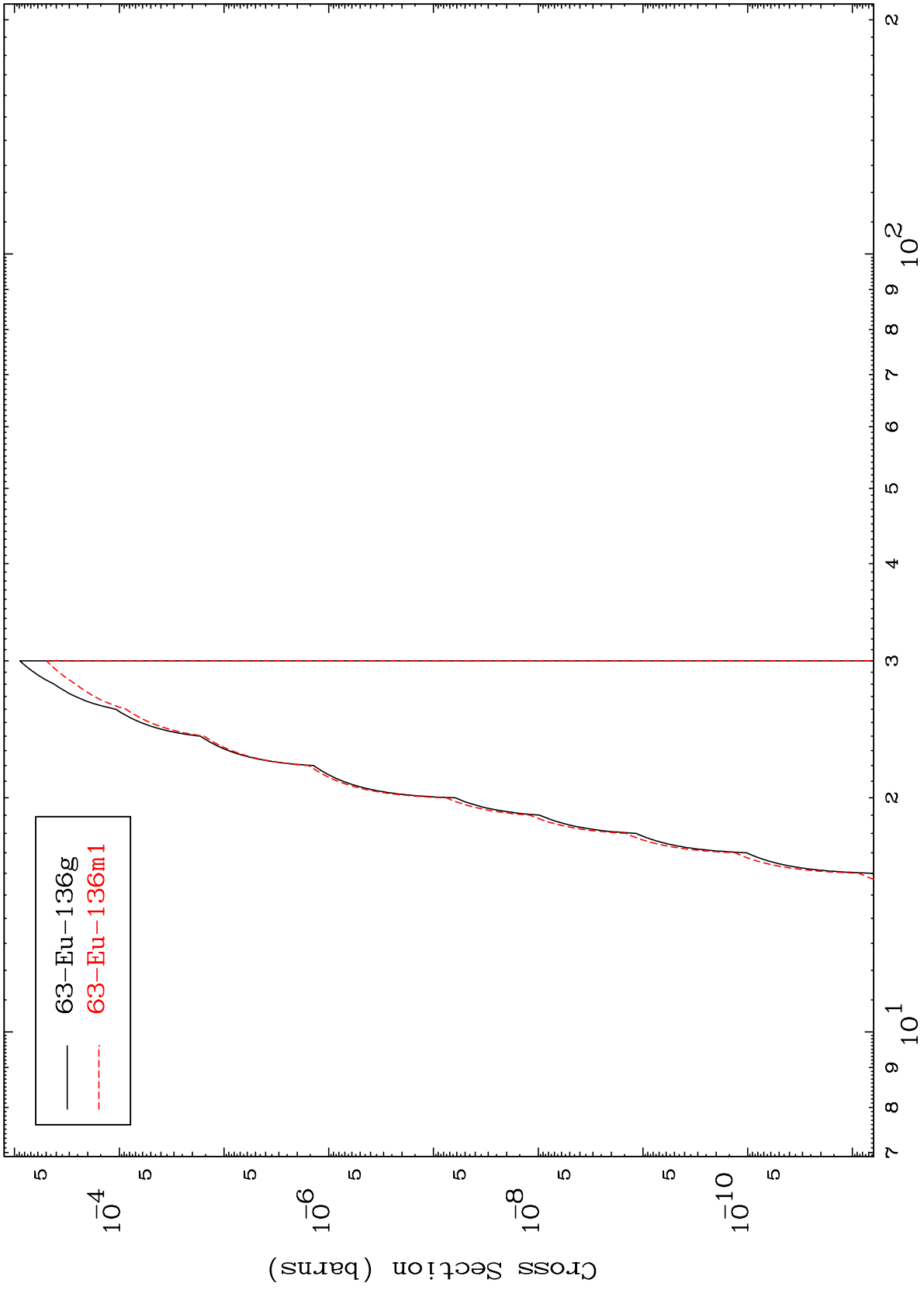
64-Gd-138

MAT 6383

(p,He-3)

64-Gd-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

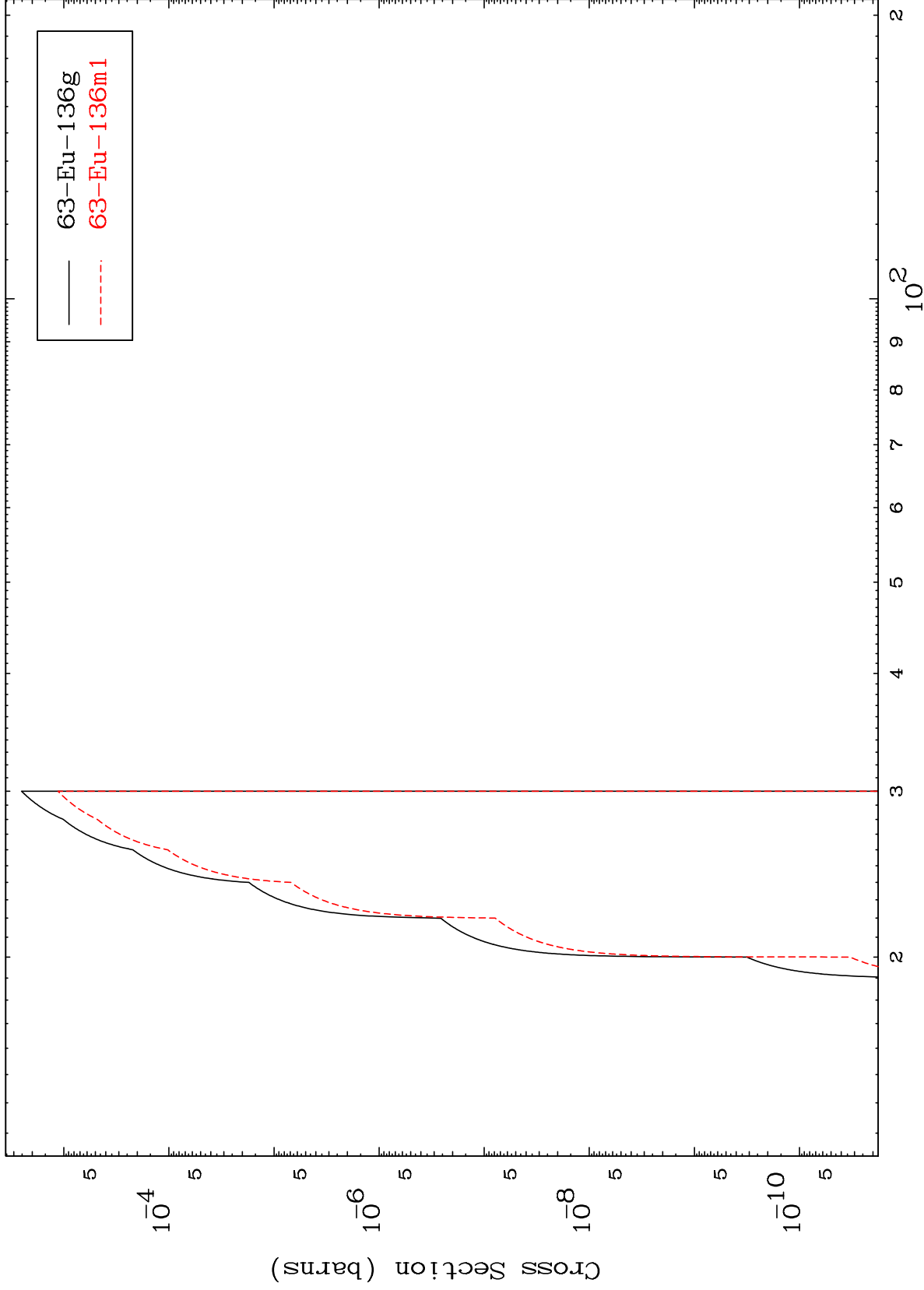
64-Gd-138

MAT 6383

(p,p) d

64-Gd-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

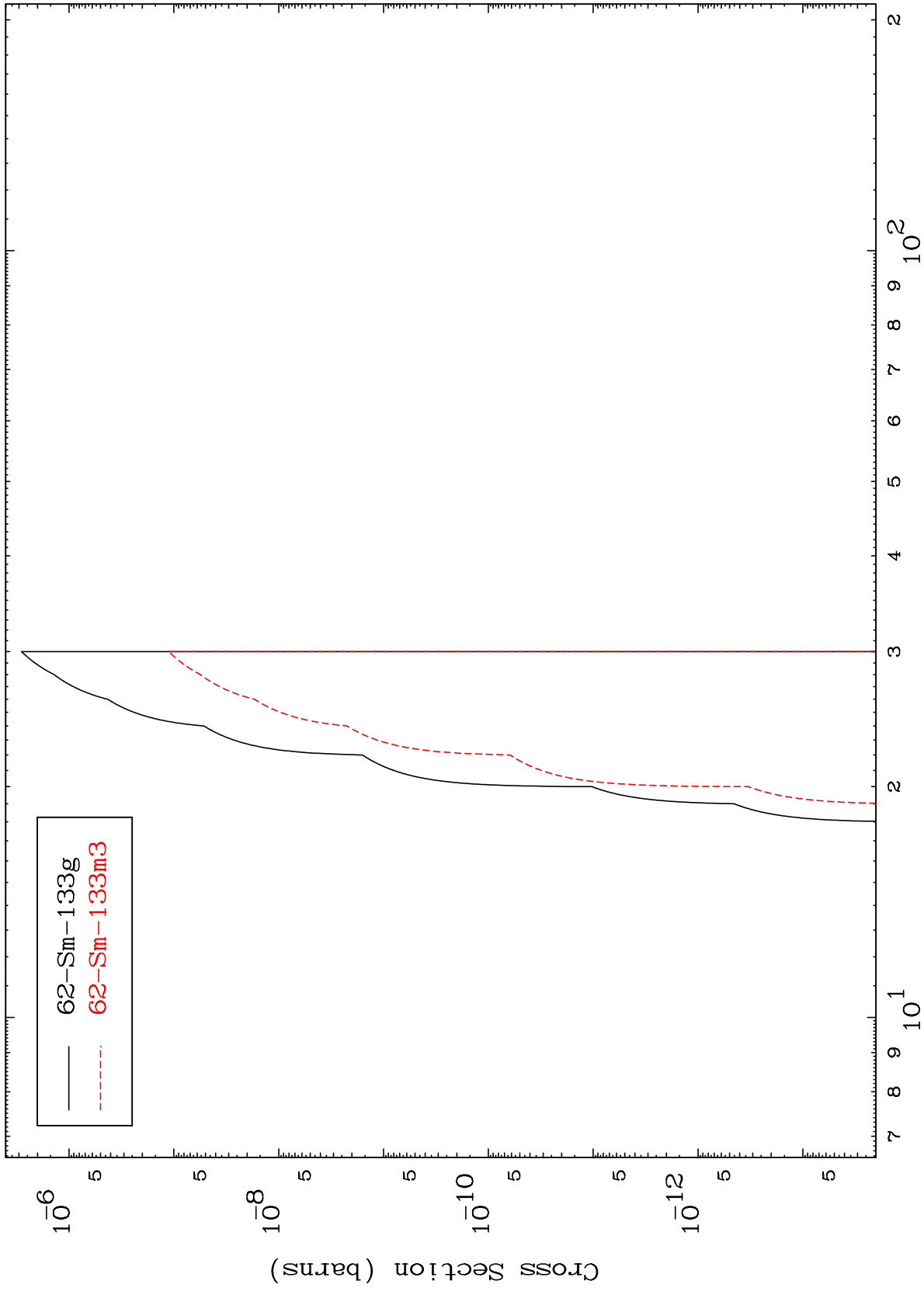
64-Gd-138

MAT 6383

(p,d)  $\alpha$

64-Gd-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-138