

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

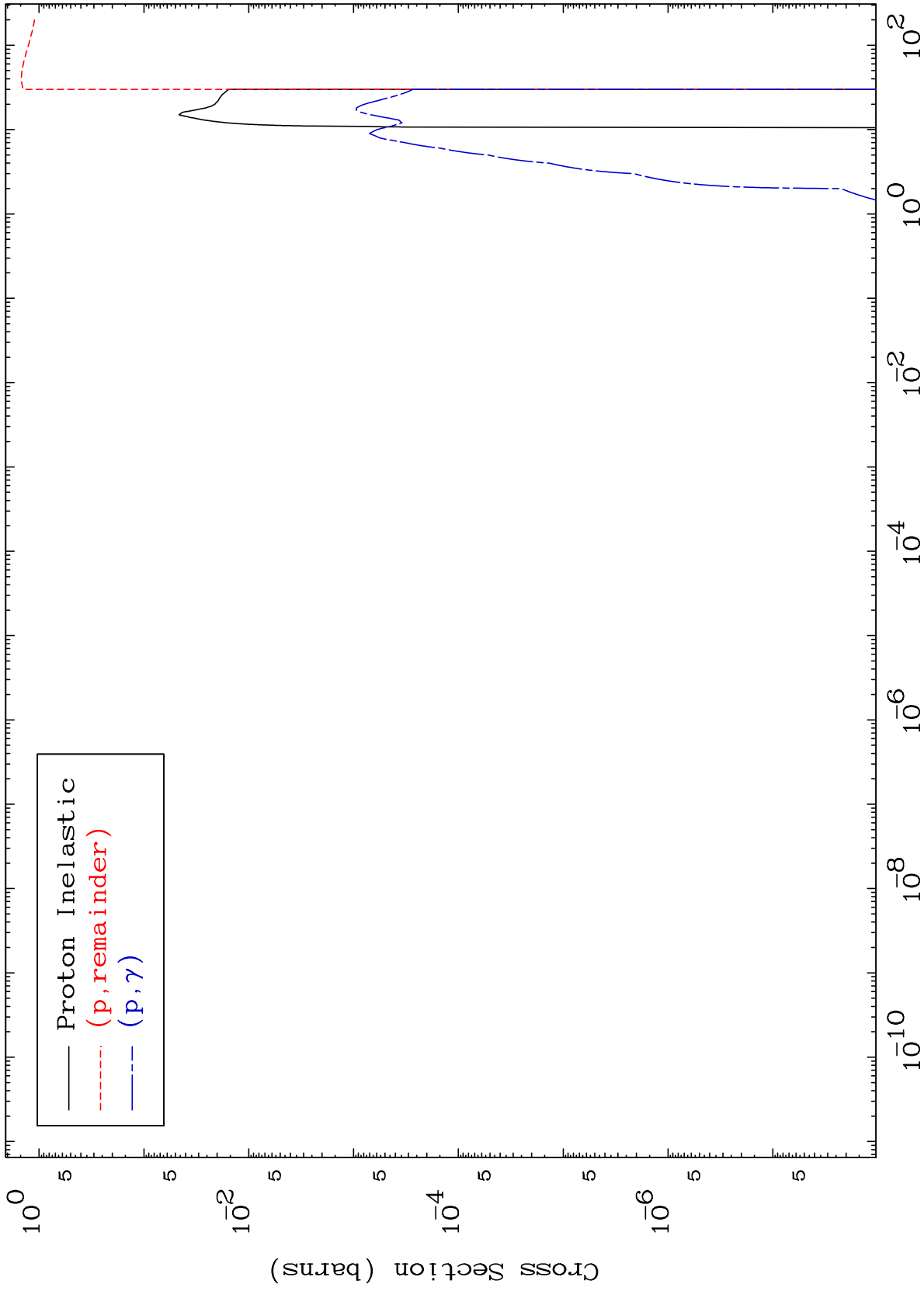
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5407

Proton Major  
0 Kelvin Cross Sections

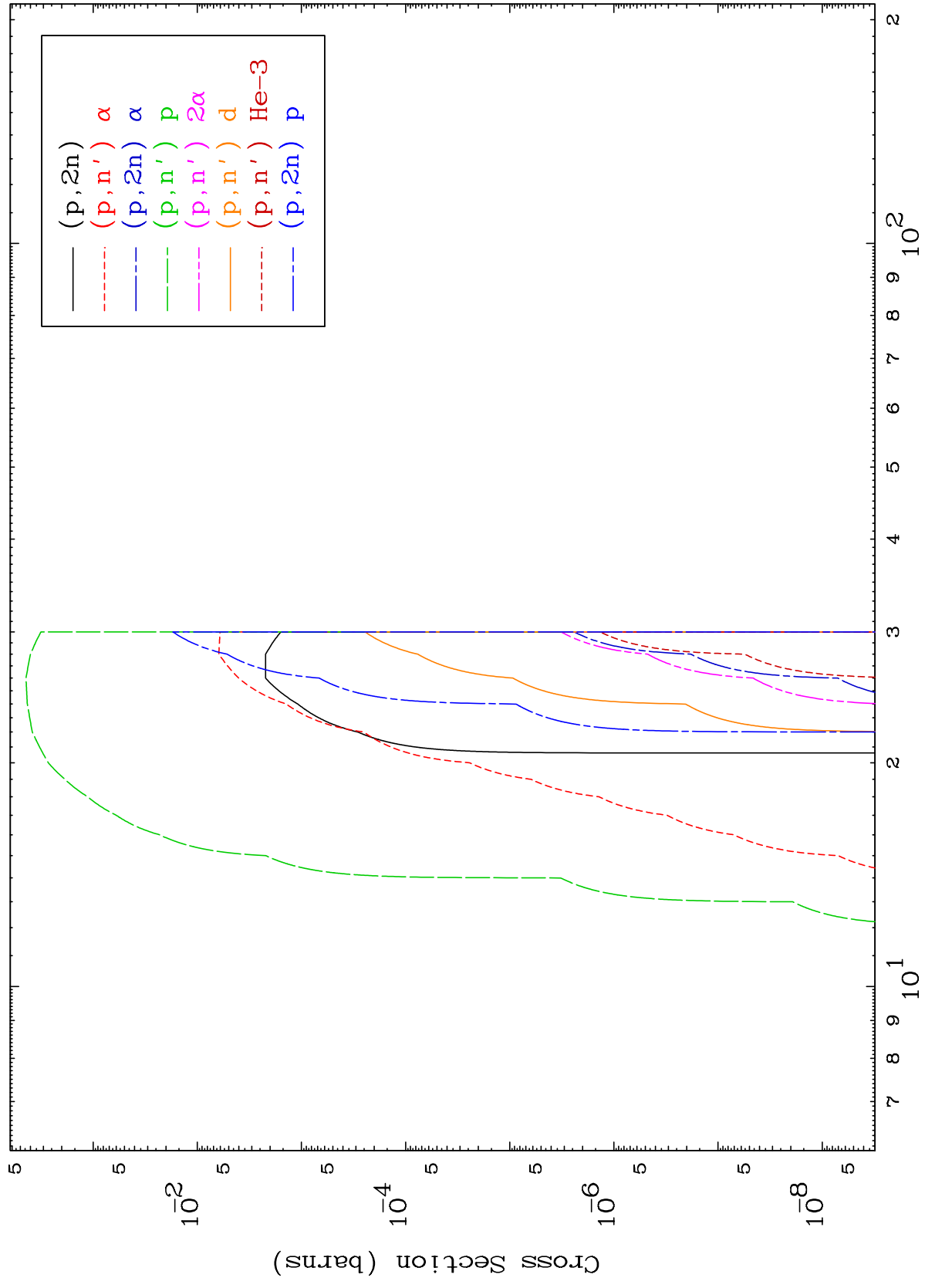
54-Xe-118



1

Incident Energy (MeV)

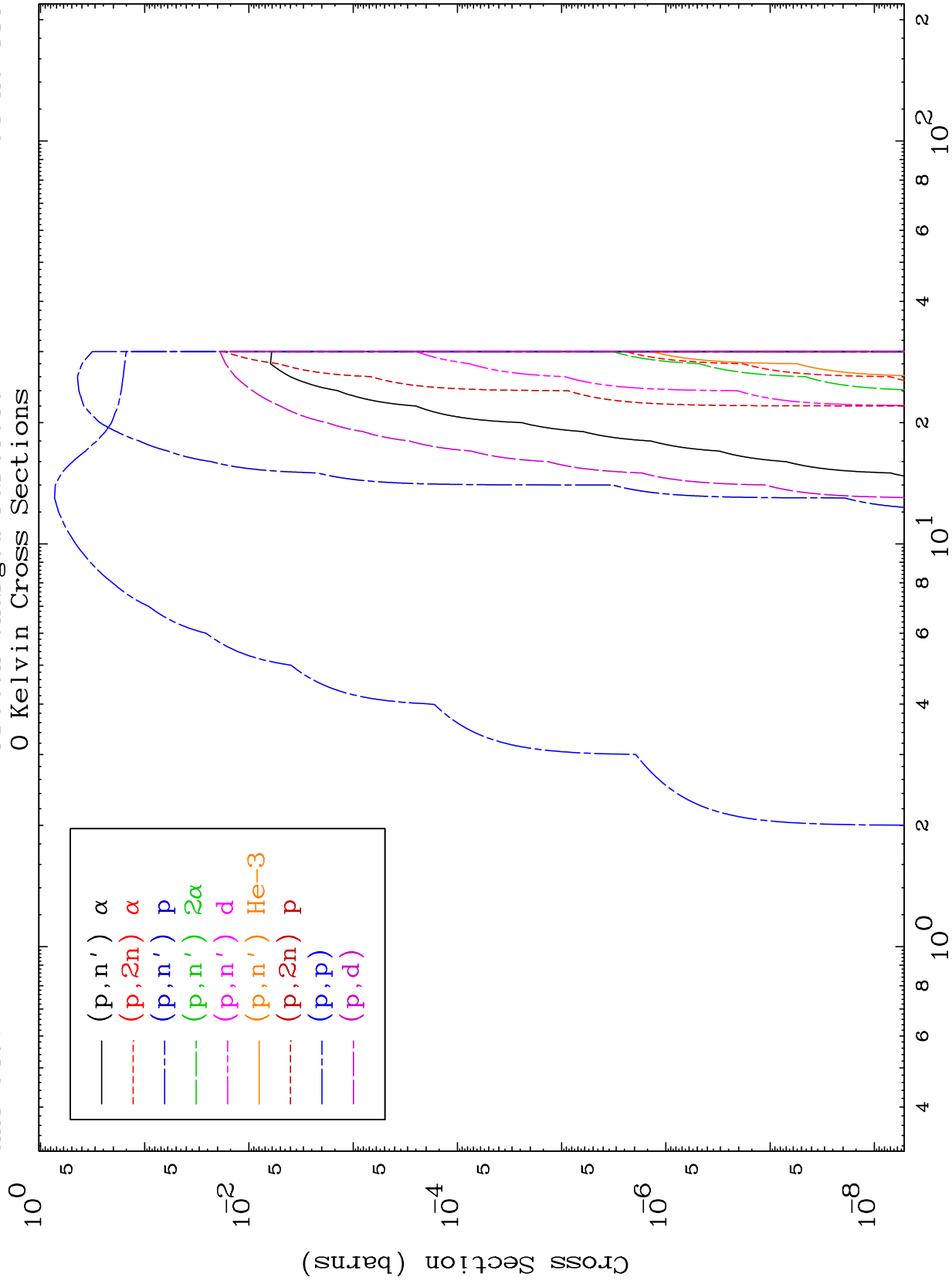
54-Xe-118



MAT 5407

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-118



3

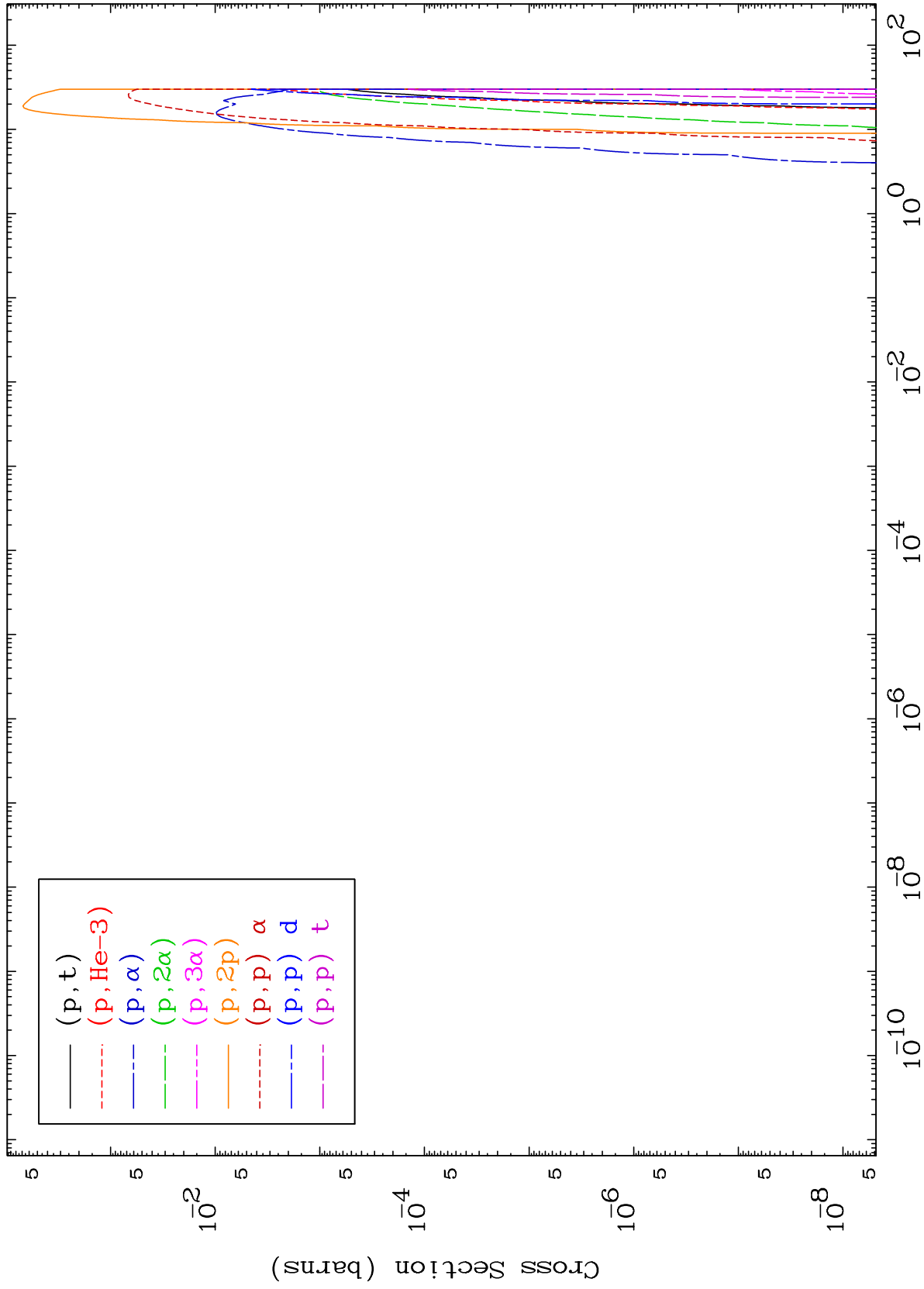
Incident Energy (MeV)

54-Xe-118

MAT 5407

Proton Charged Particle  
0 Kelvin Cross Sections

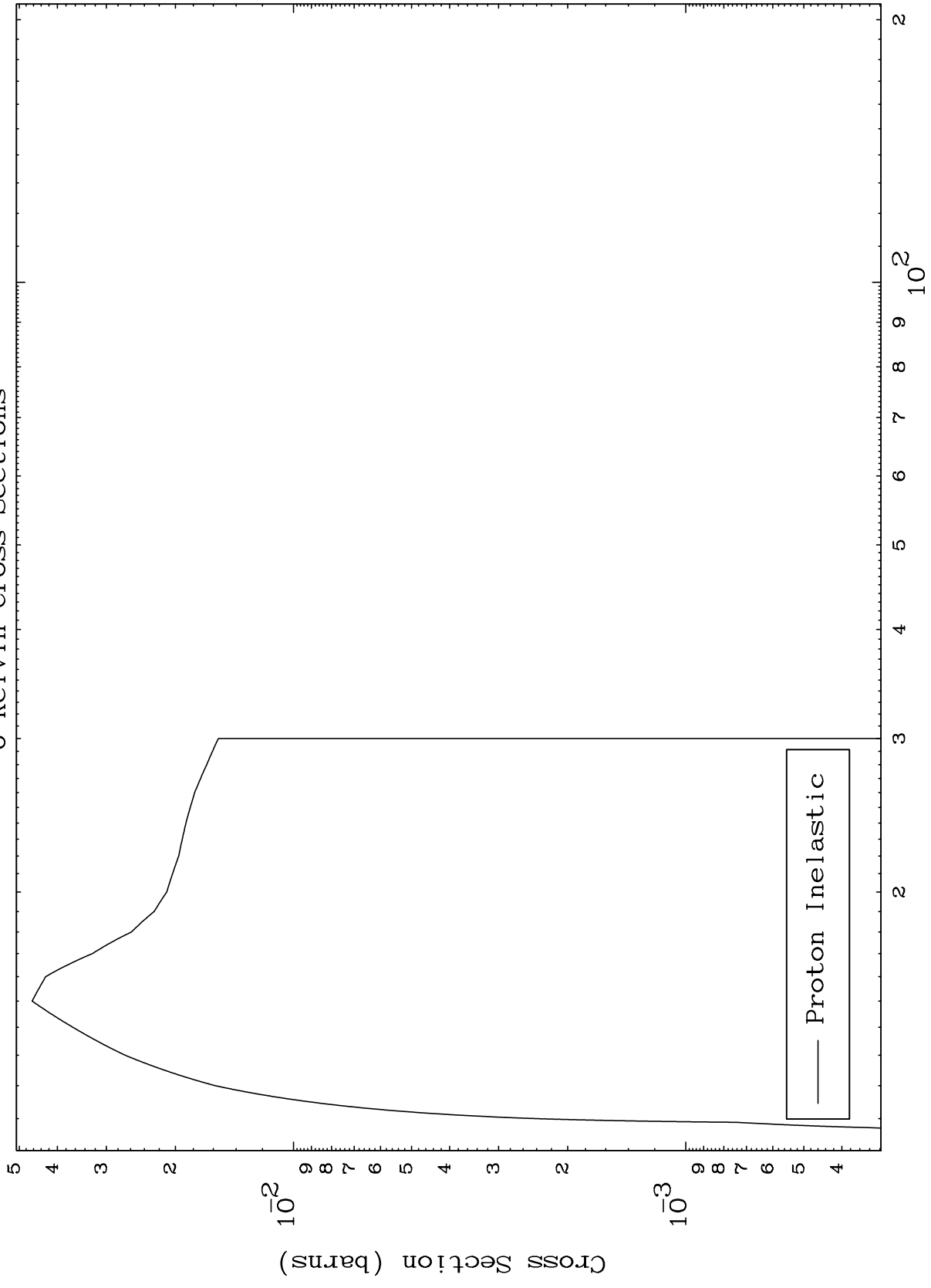
54-Xe-118



MAT 5407

(p,n') Level  
0 Kelvin Cross Sections

54-Xe-118



5

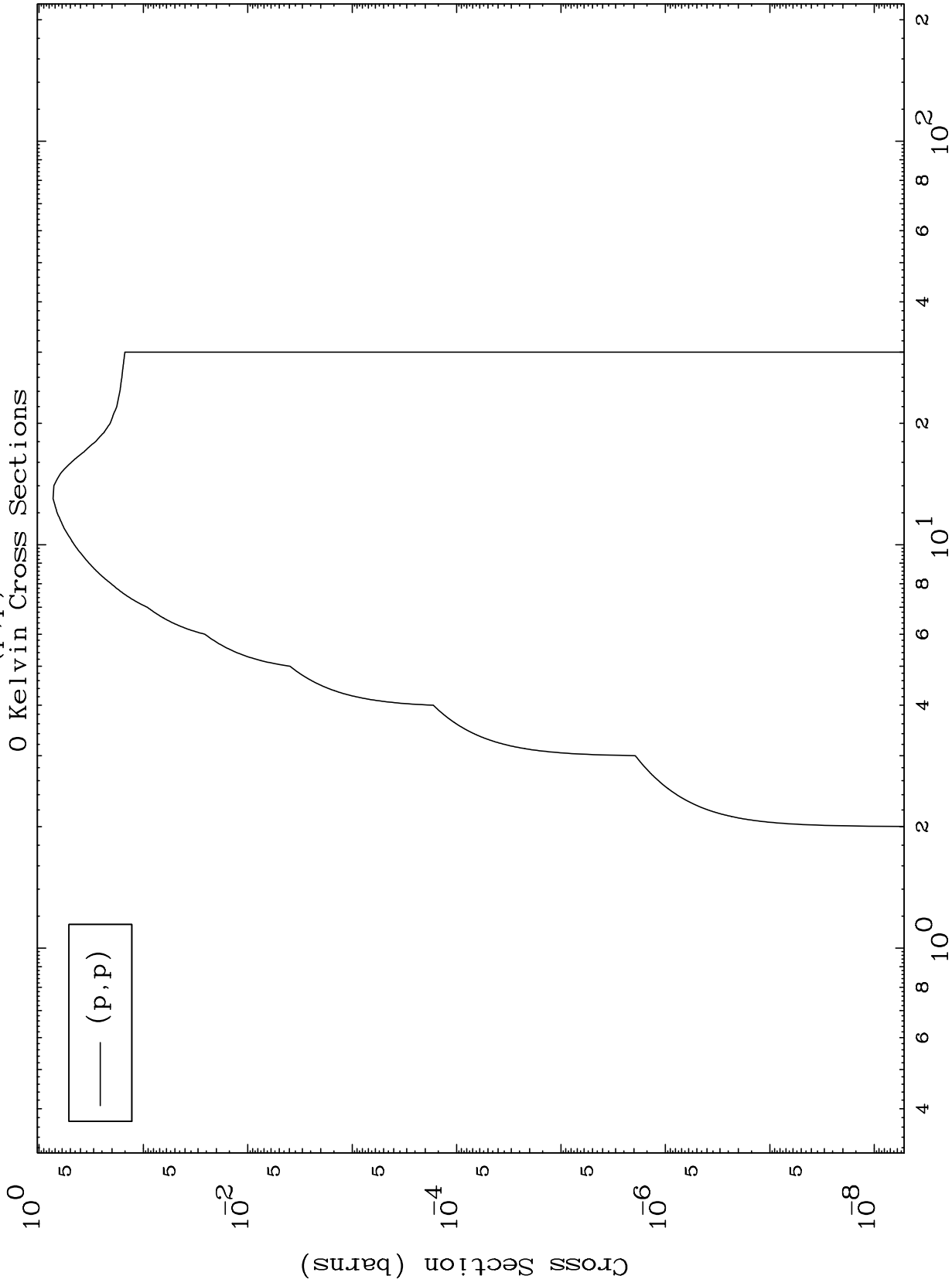
Incident Energy (MeV)

54-Xe-118

MAT 5407

54-Xe-118

(p,p) Levels  
0 Kelvin Cross Sections



6

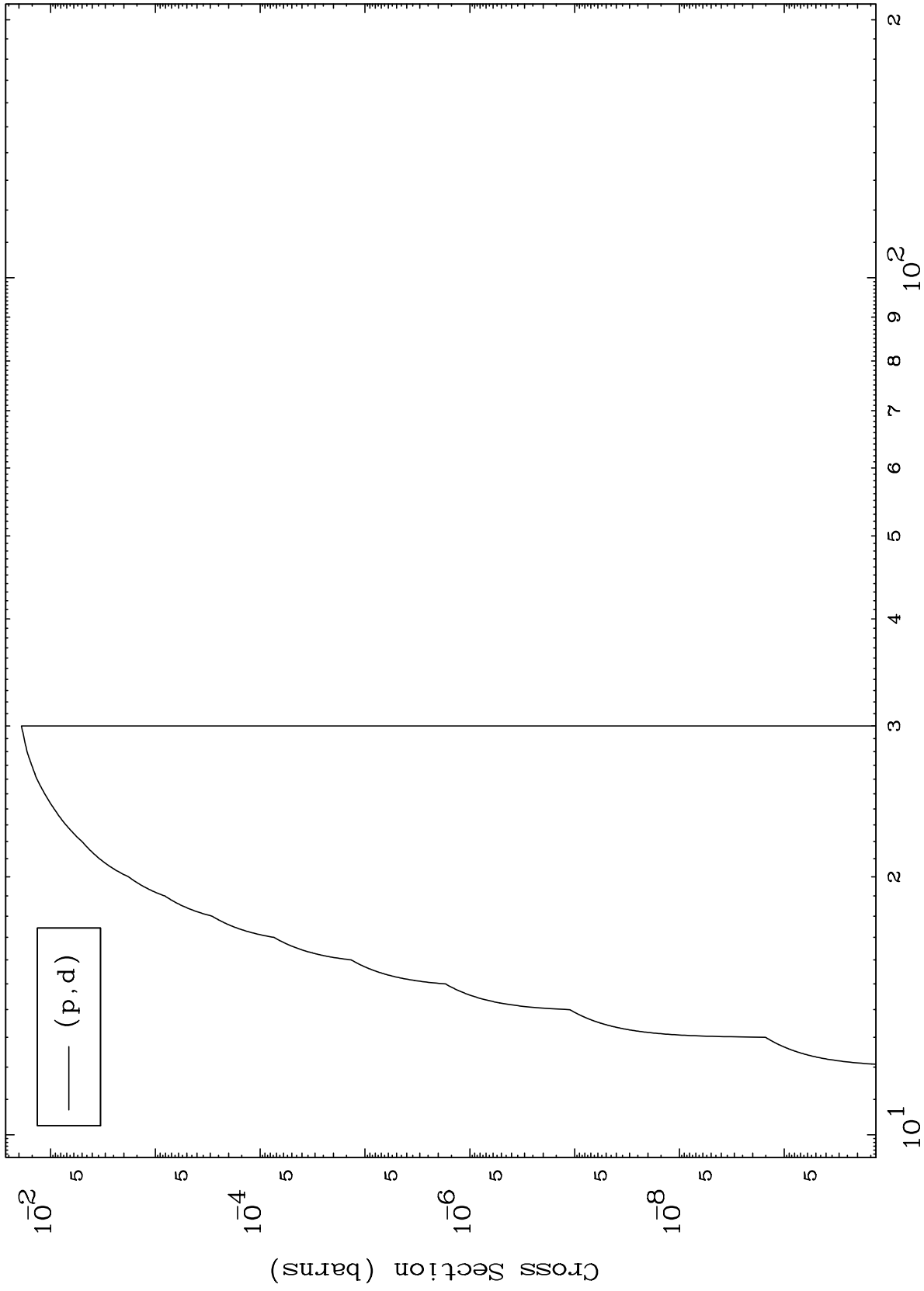
Incident Energy (MeV)

54-Xe-118

MAT 5407

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-118



Incident Energy (MeV)

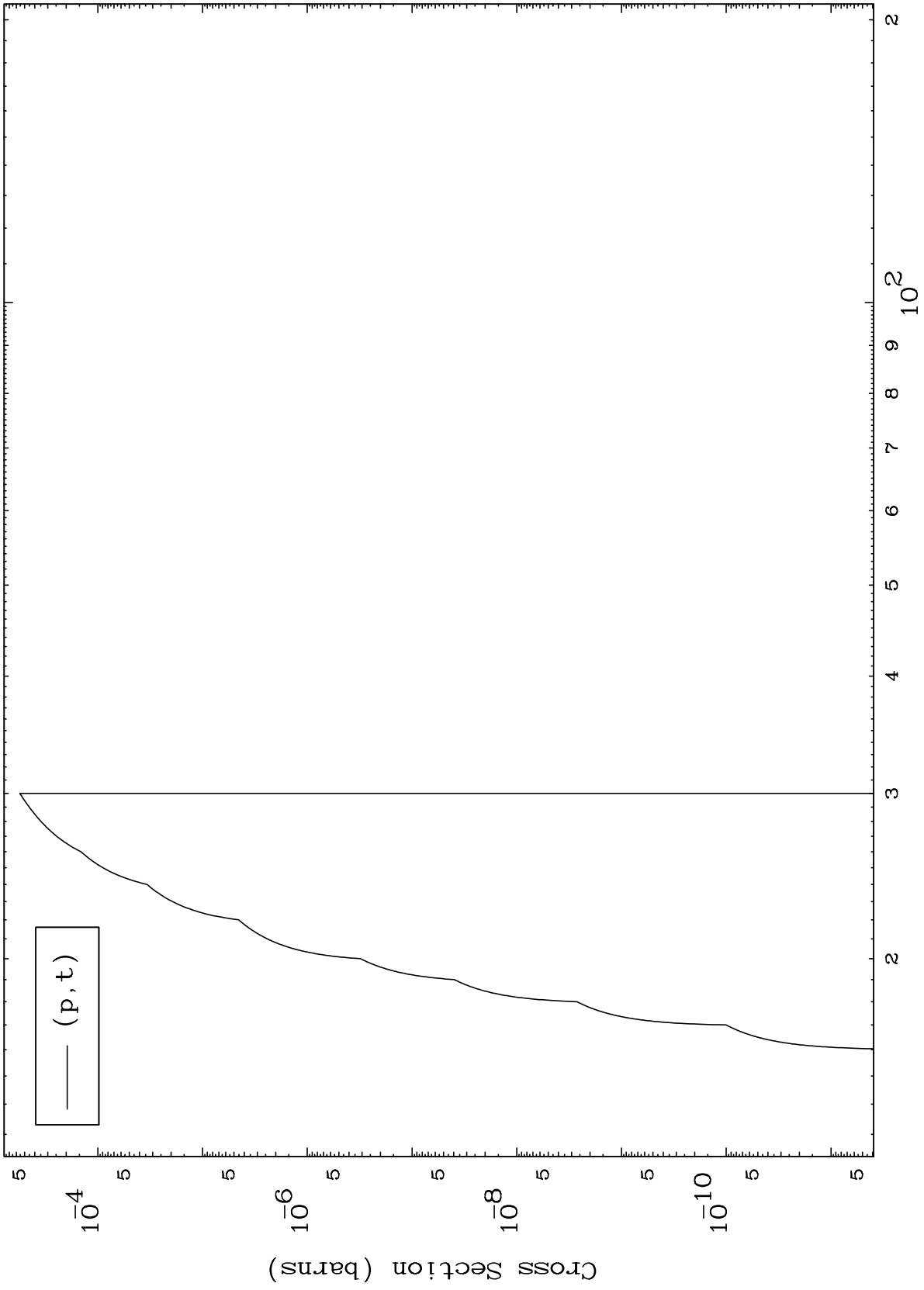
54-Xe-118



MAT 5407

(p,t) Levels  
0 Kelvin Cross Sections

54-Xe-118



8

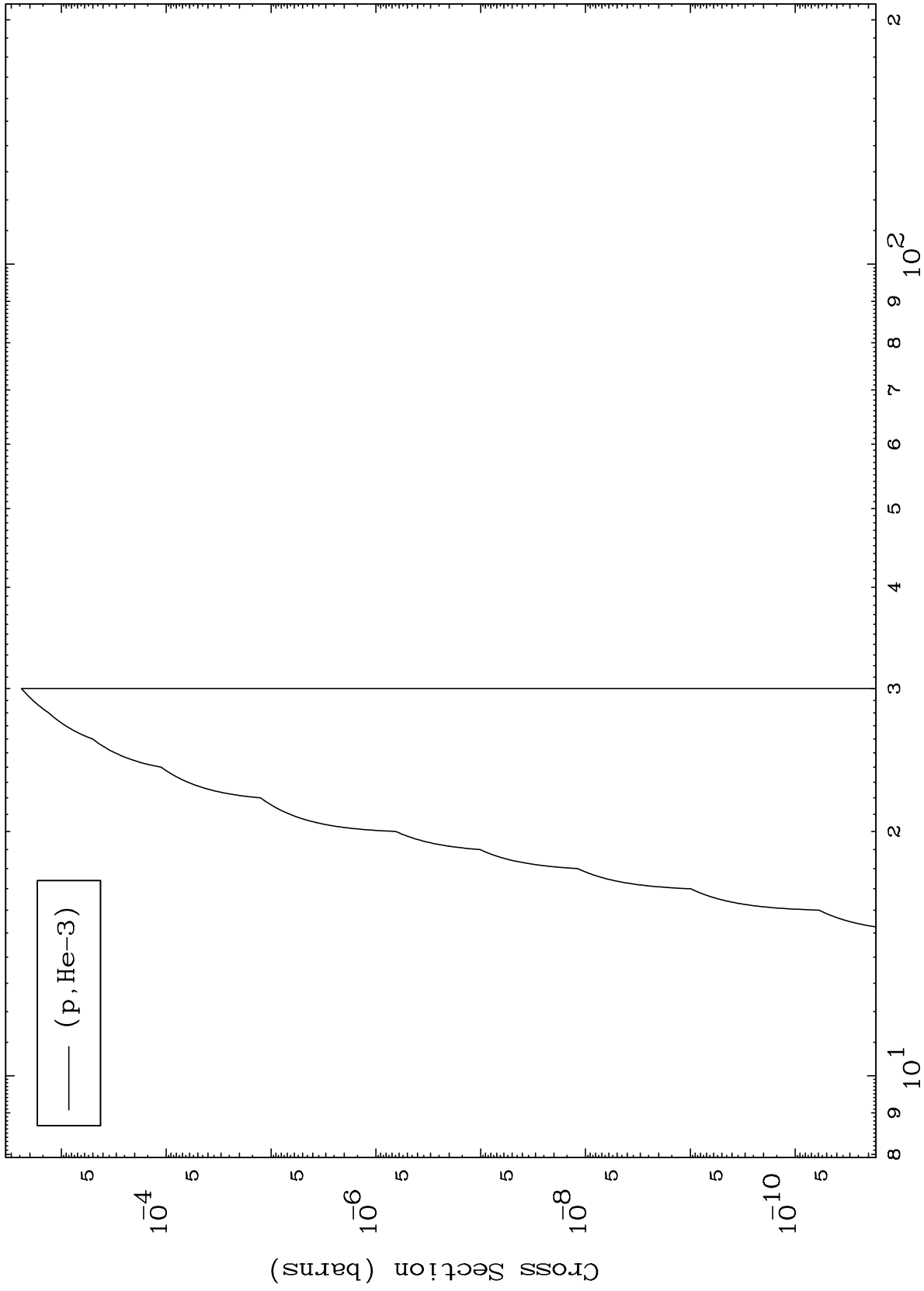
Incident Energy (MeV)

54-Xe-118

MAT 5407

(p,He3) Levels  
0 Kelvin Cross Sections

54-Xe-118



9

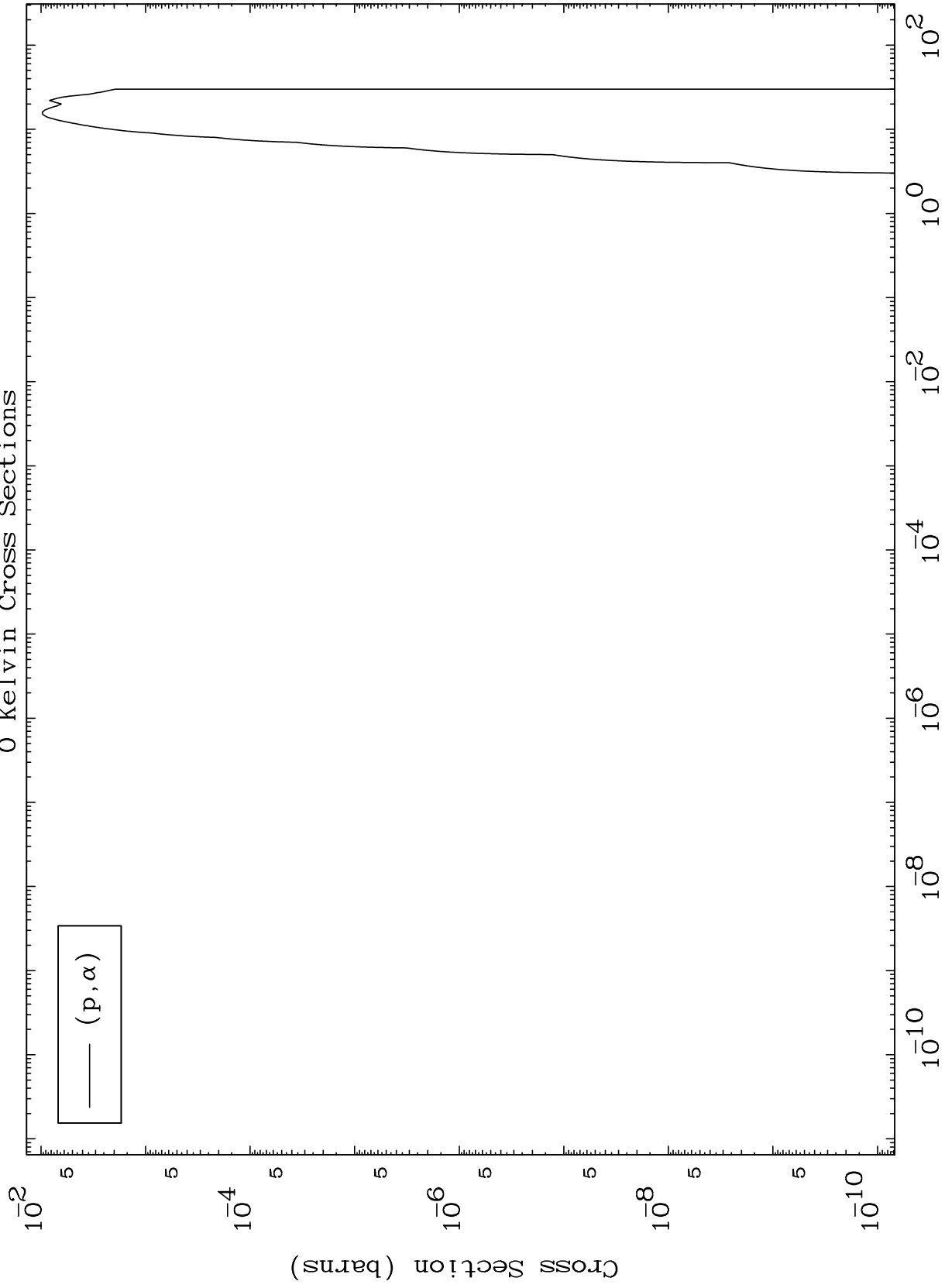
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



10

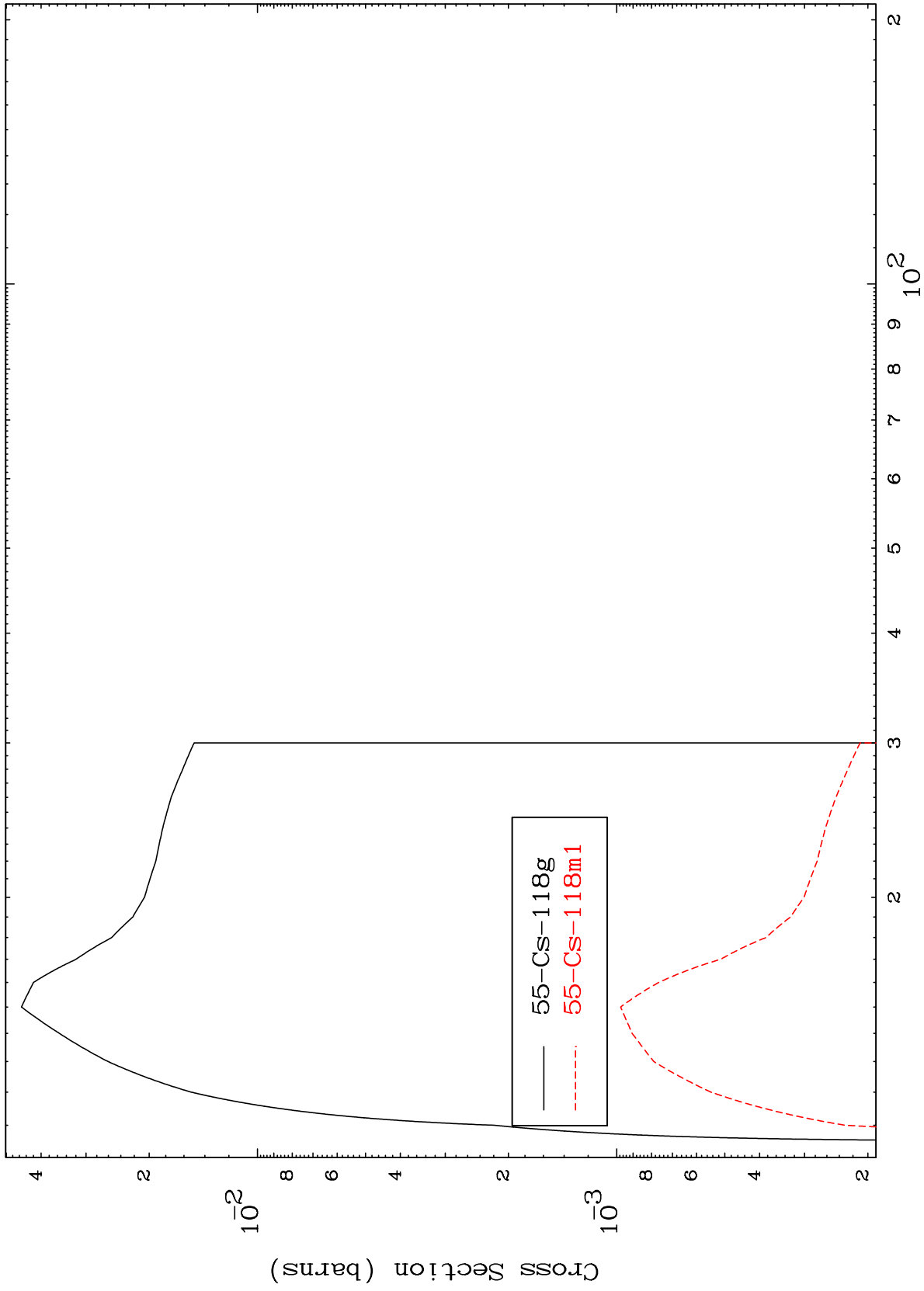
Incident Energy (MeV)

54-Xe-118

MAT 5407

Proton Inelastic  
Radionuclide Production Cross Section

54-Xe-118



11

Incident Energy (MeV)

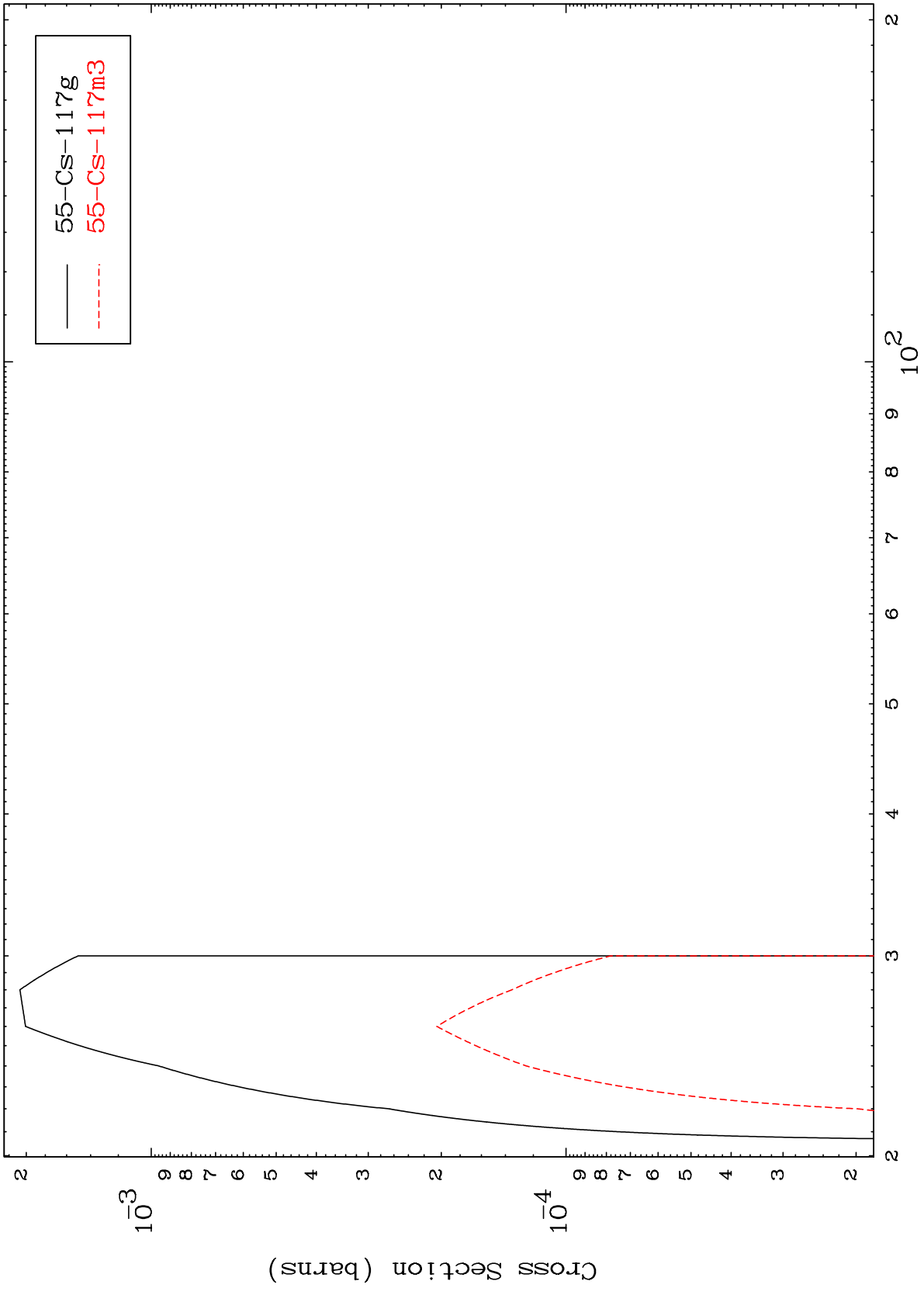
54-Xe-118

MAT 5407

(p,2n)

54-Xe-118

Radionuclide Production Cross Section



55-Cs-117g  
55-Cs-117m3

12

Incident Energy (MeV)

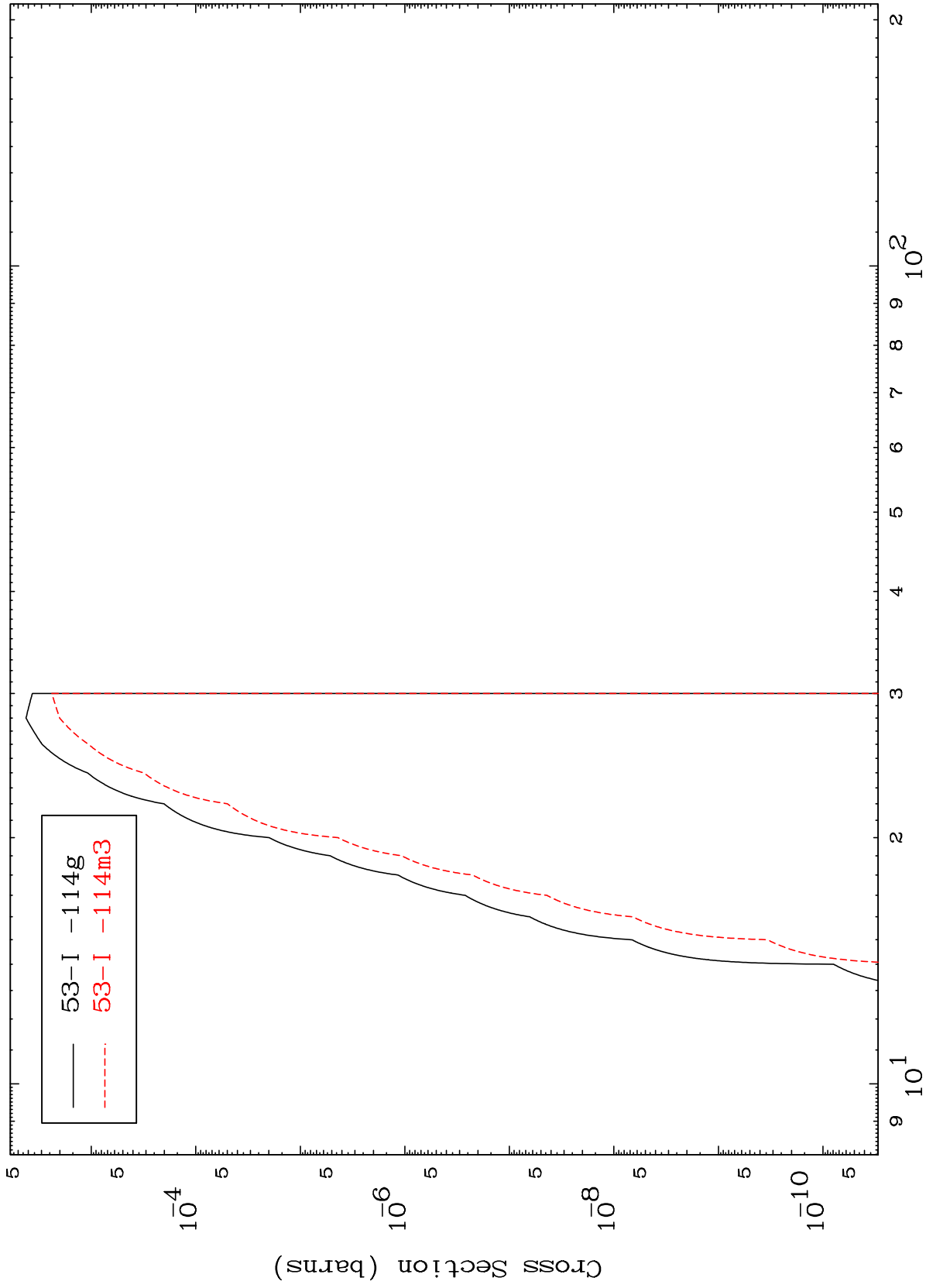
54-Xe-118

MAT 5407

(p,n')  $\alpha$

54-Xe-118

Radionuclide Production Cross Section



13

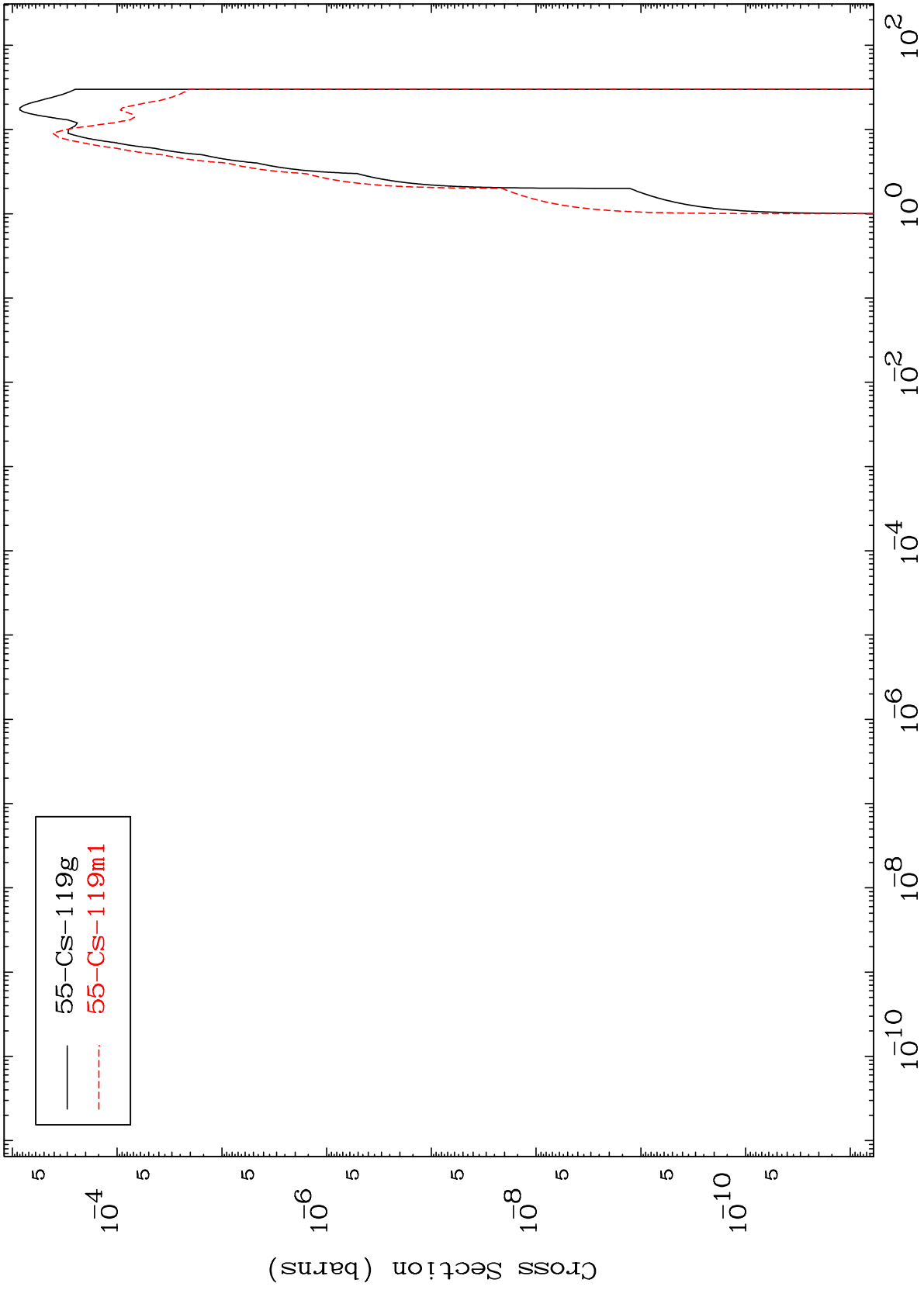
Incident Energy (MeV)

54-Xe-118

MAT 5407

Radionuclide Production Cross Section  
(p,γ)

54-Xe-118



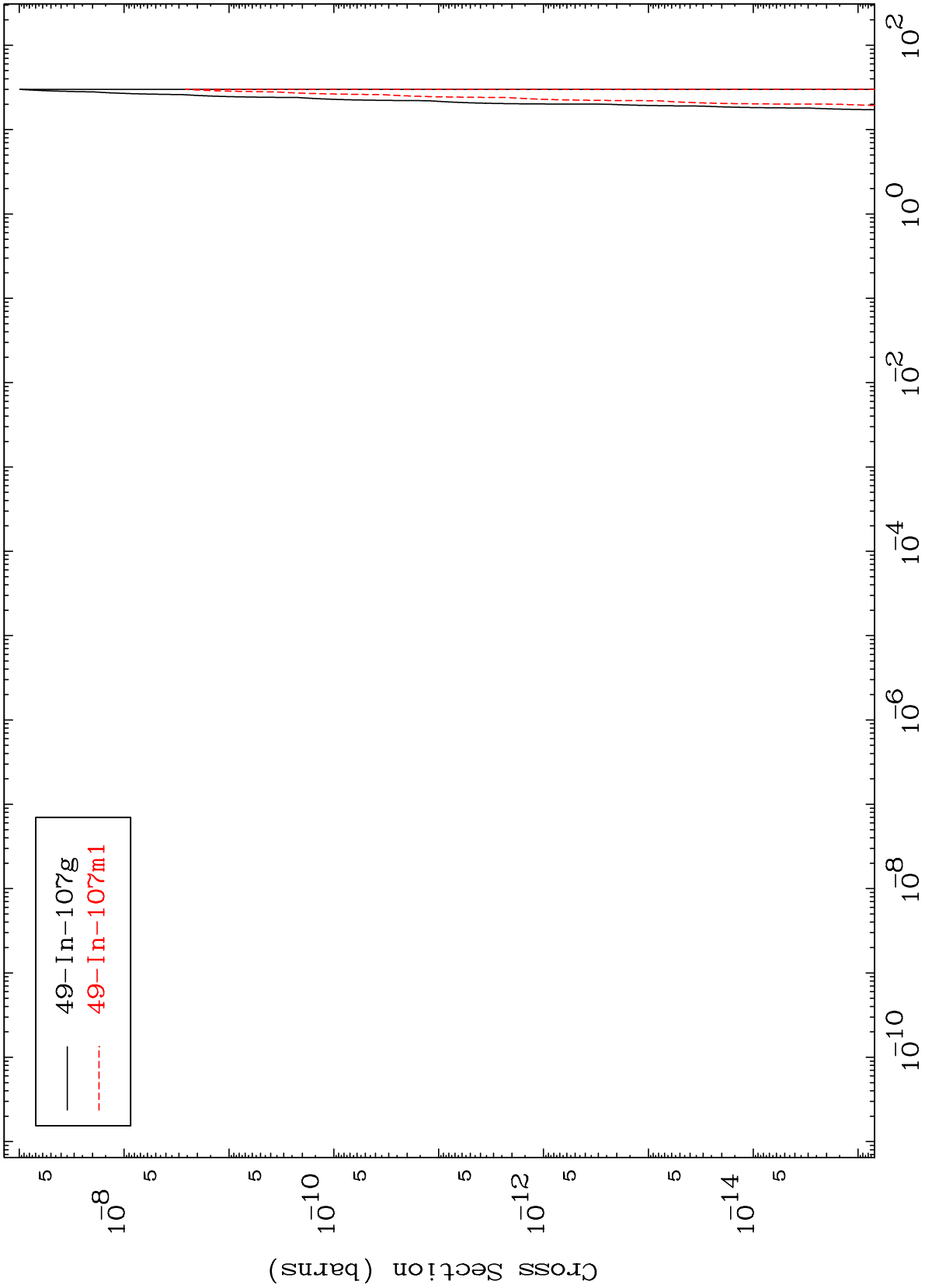
54-Xe-118

MAT 5407

(p,3 $\alpha$ )

54-Xe-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-118