

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

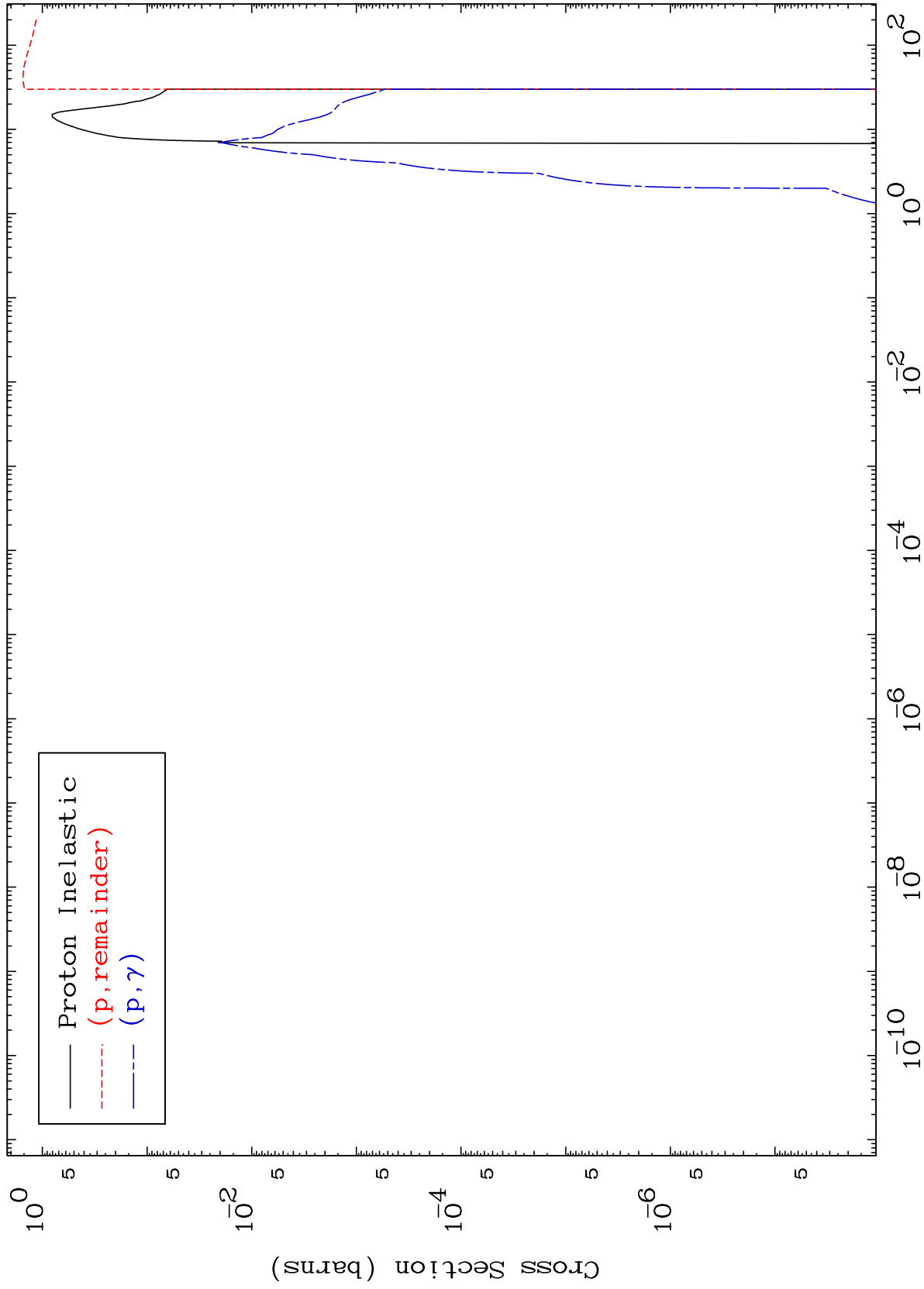
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5425

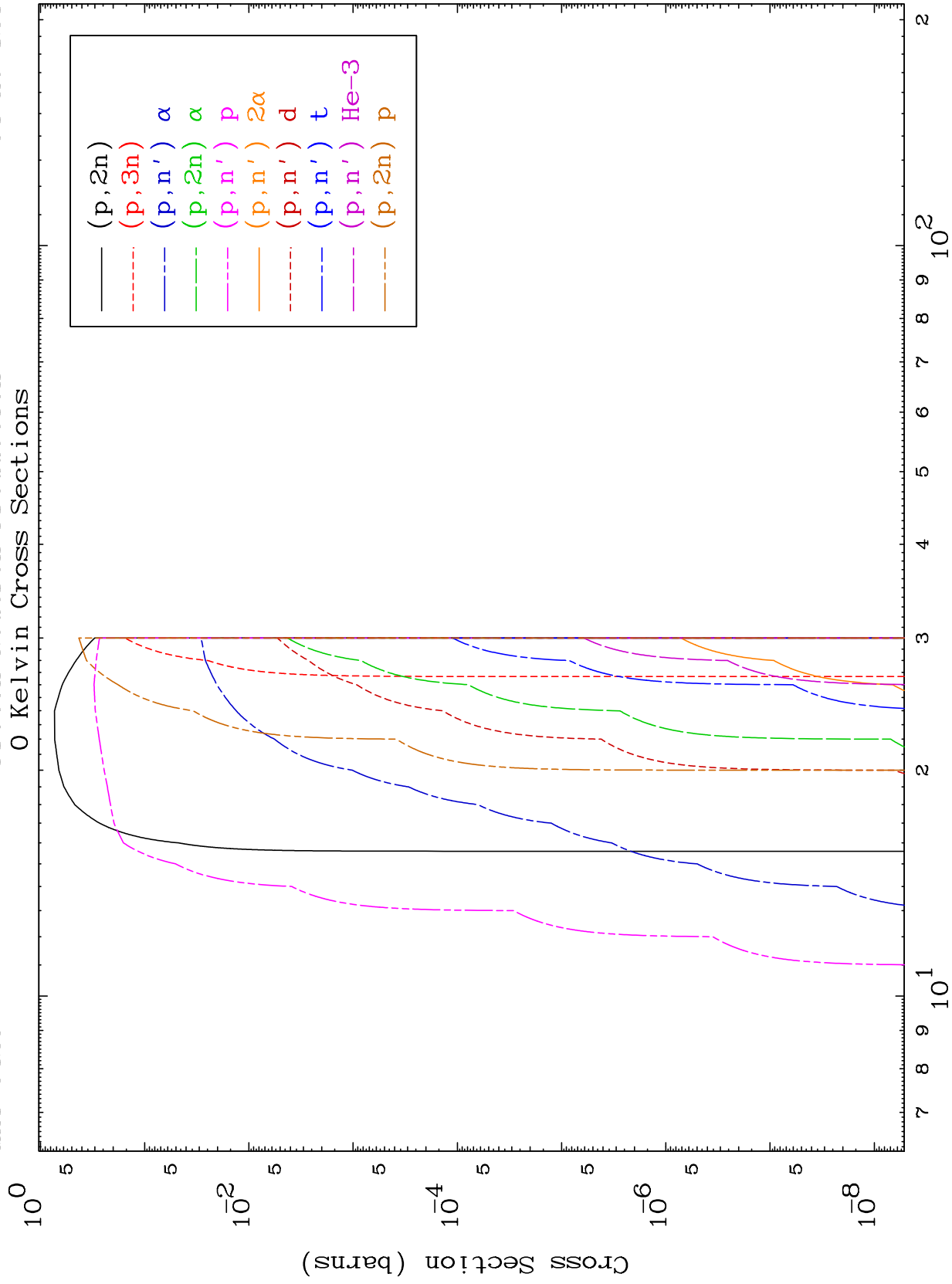
Proton Major  
0 Kelvin Cross Sections

54-Xe-124



1

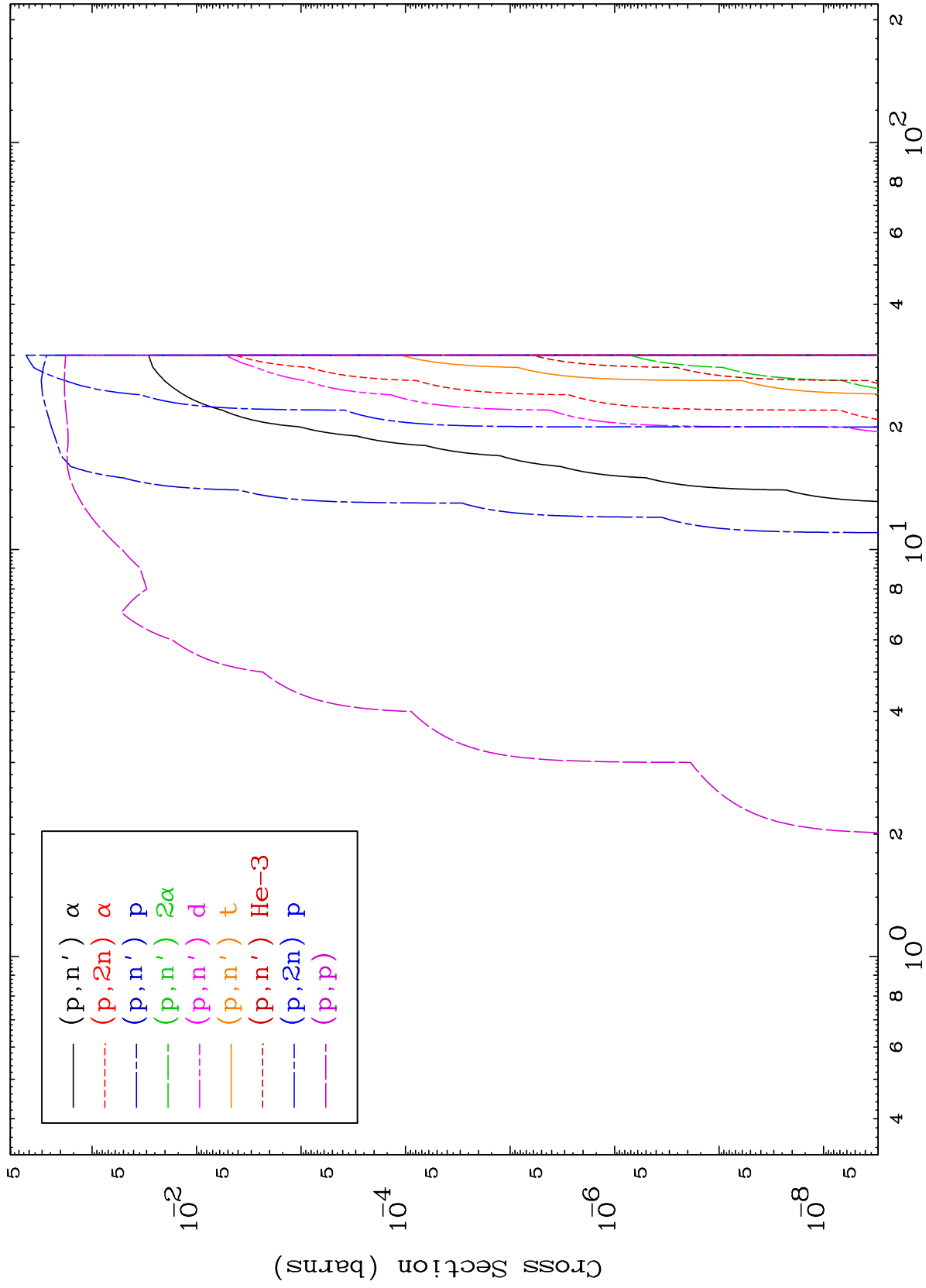
54-Xe-124



MAT 5425

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-124



3

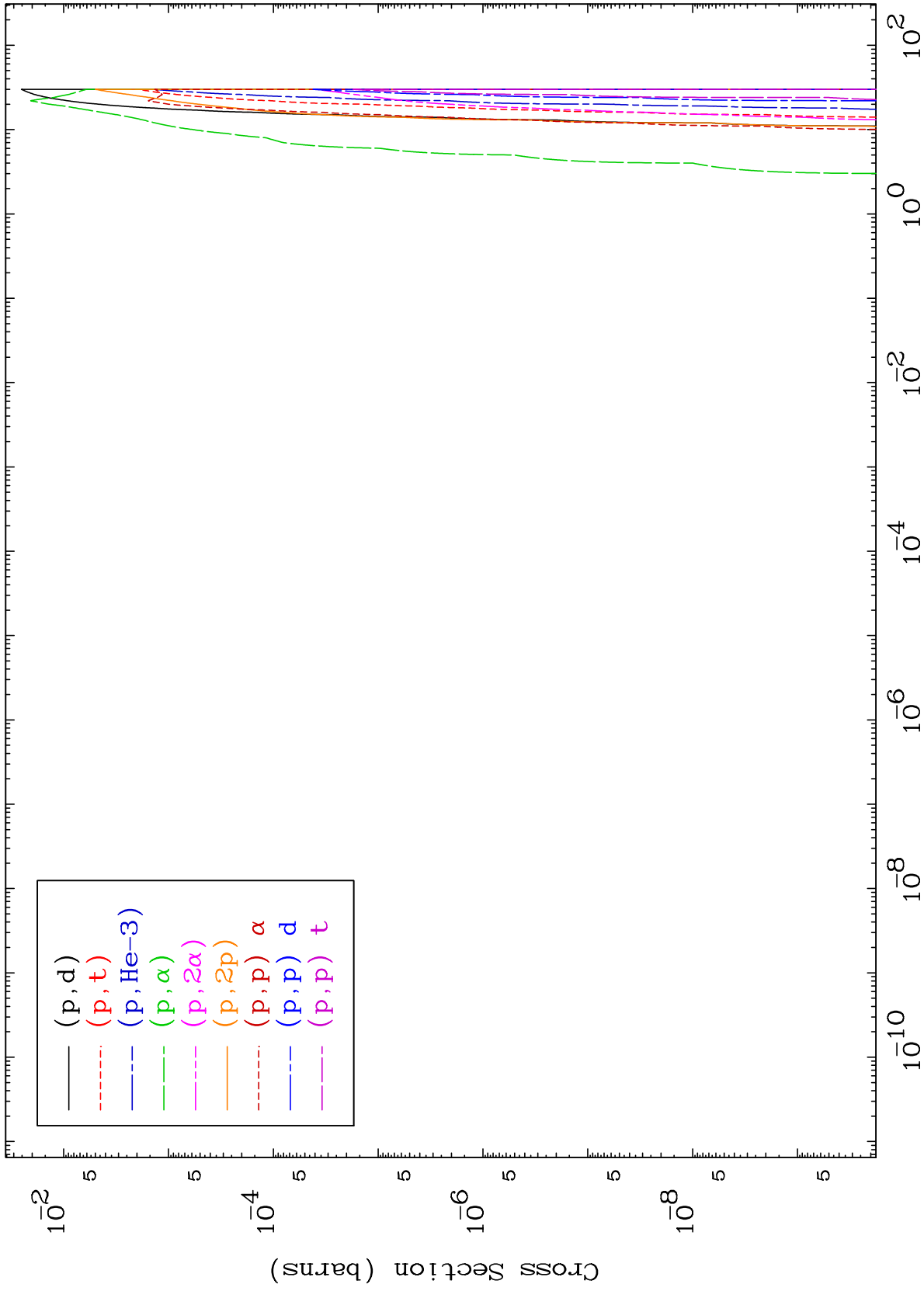
Incident Energy (MeV)

54-Xe-124

MAT 5425

Proton Charged Particle  
0 Kelvin Cross Sections

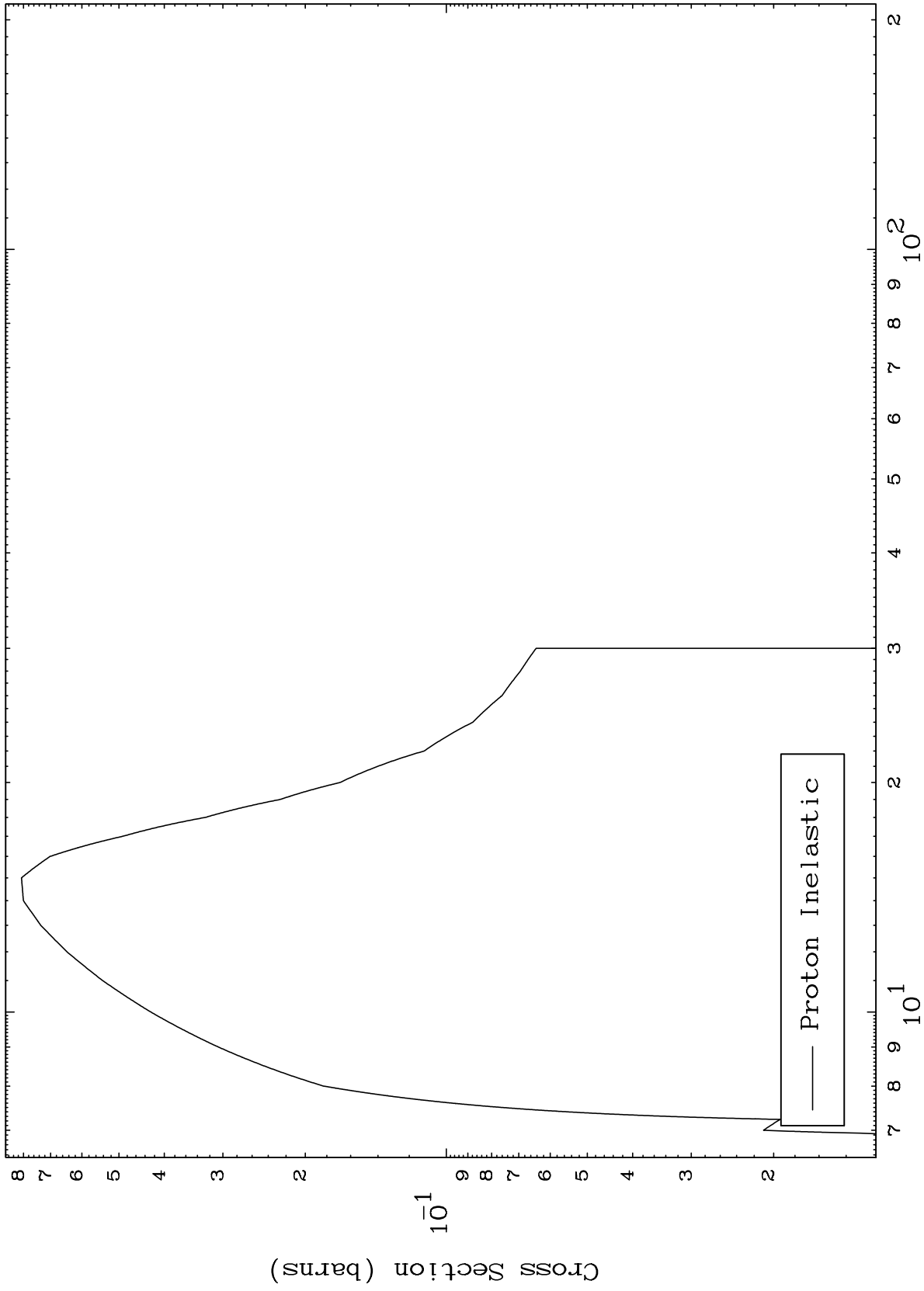
54-Xe-124



MAT 5425

(p,n') Level  
0 Kelvin Cross Sections

54-Xe-124



Proton Inelastic

5

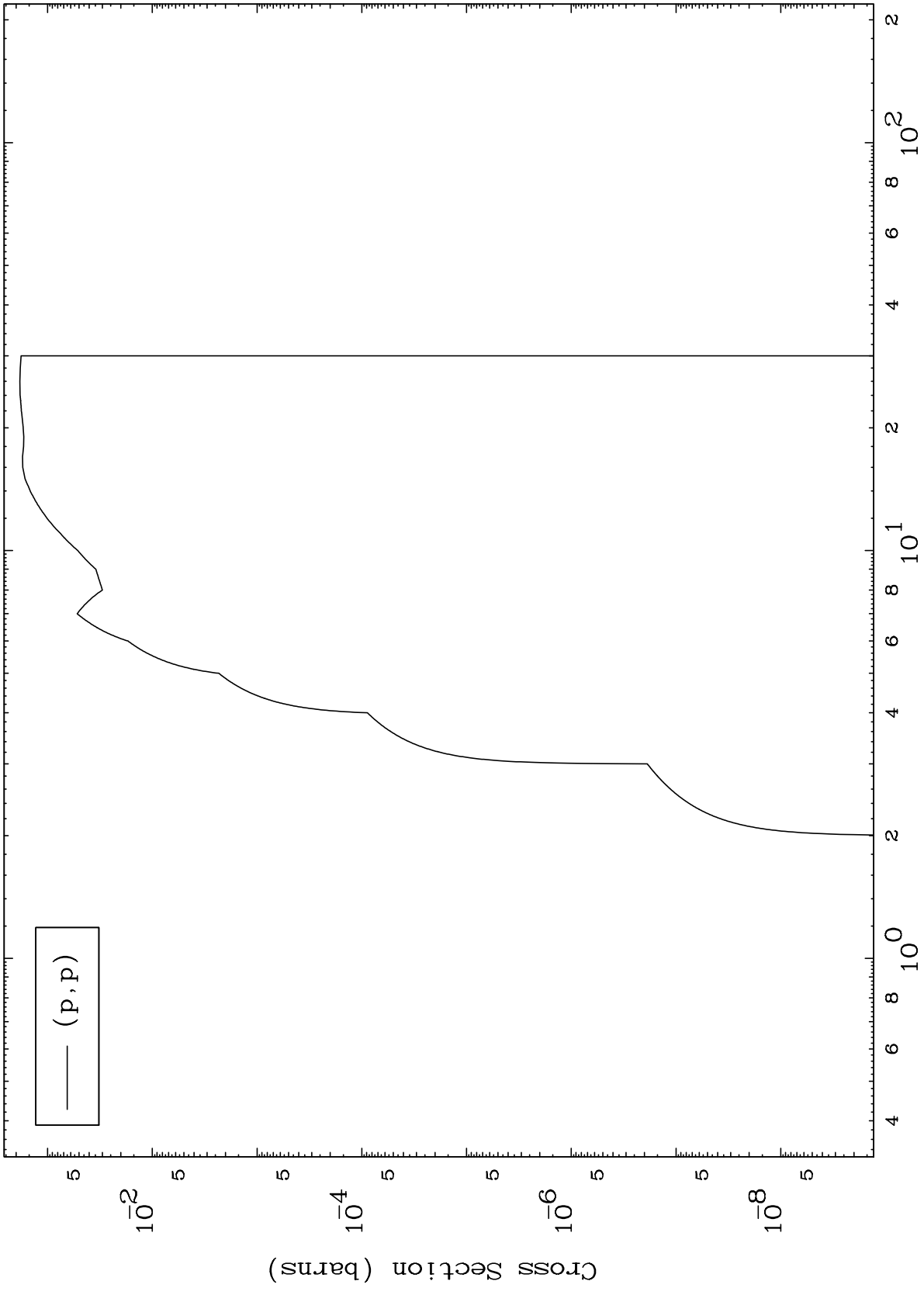
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,p) Levels  
0 Kelvin Cross Sections

54-Xe-124



6

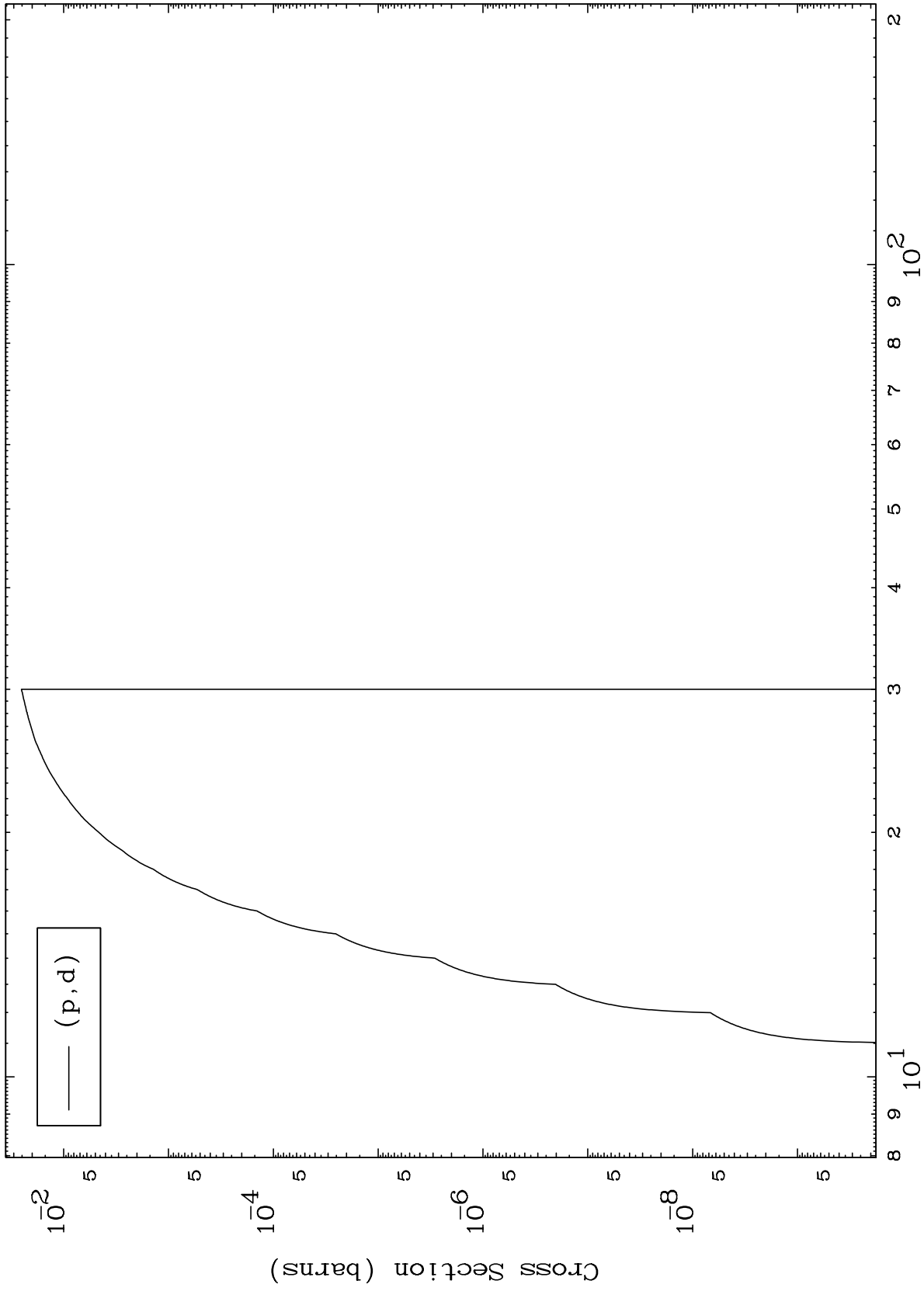
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-124



7

Incident Energy (MeV)

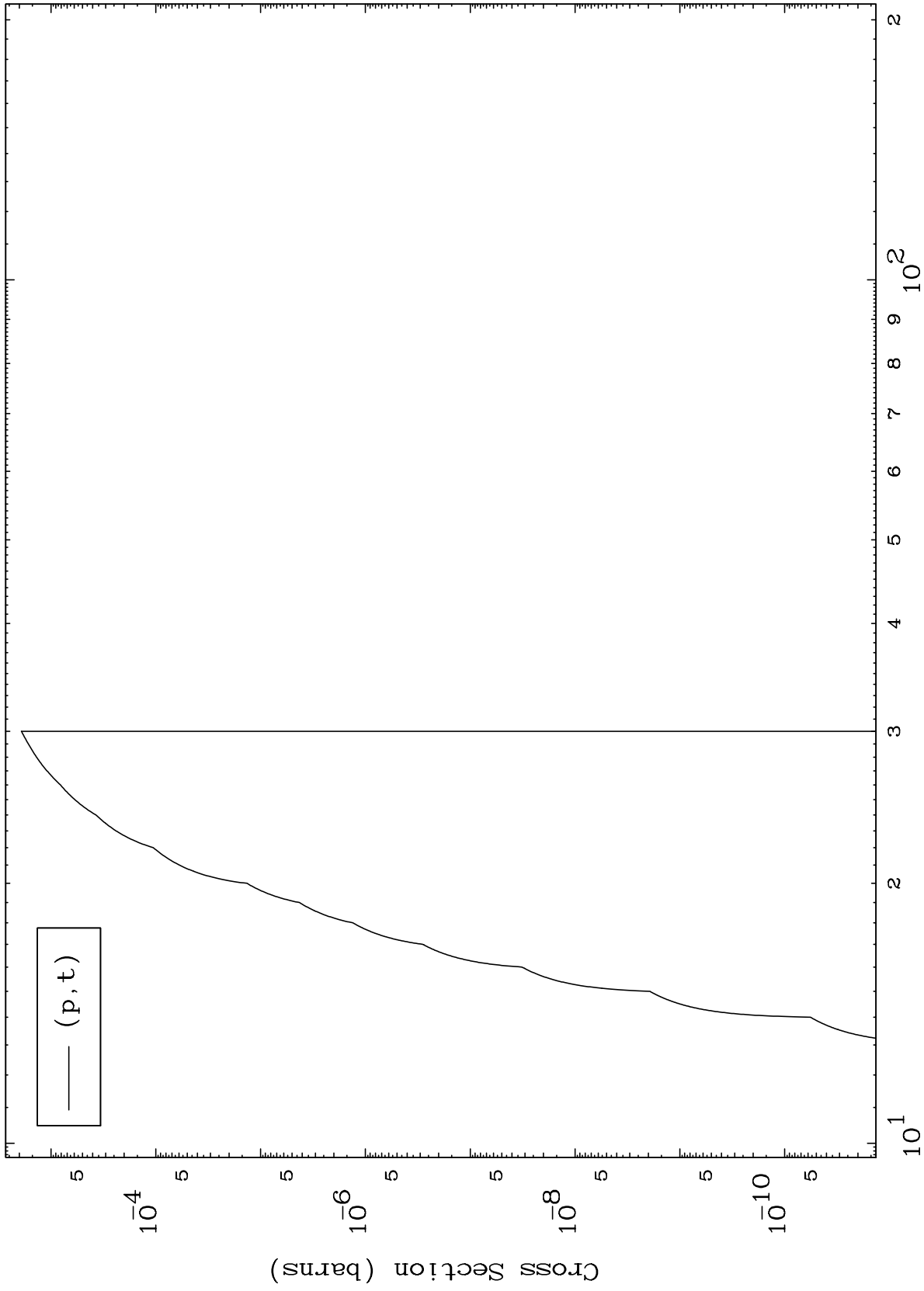
54-Xe-124



MAT 5425

(p,t) Levels  
0 Kelvin Cross Sections

54-Xe-124



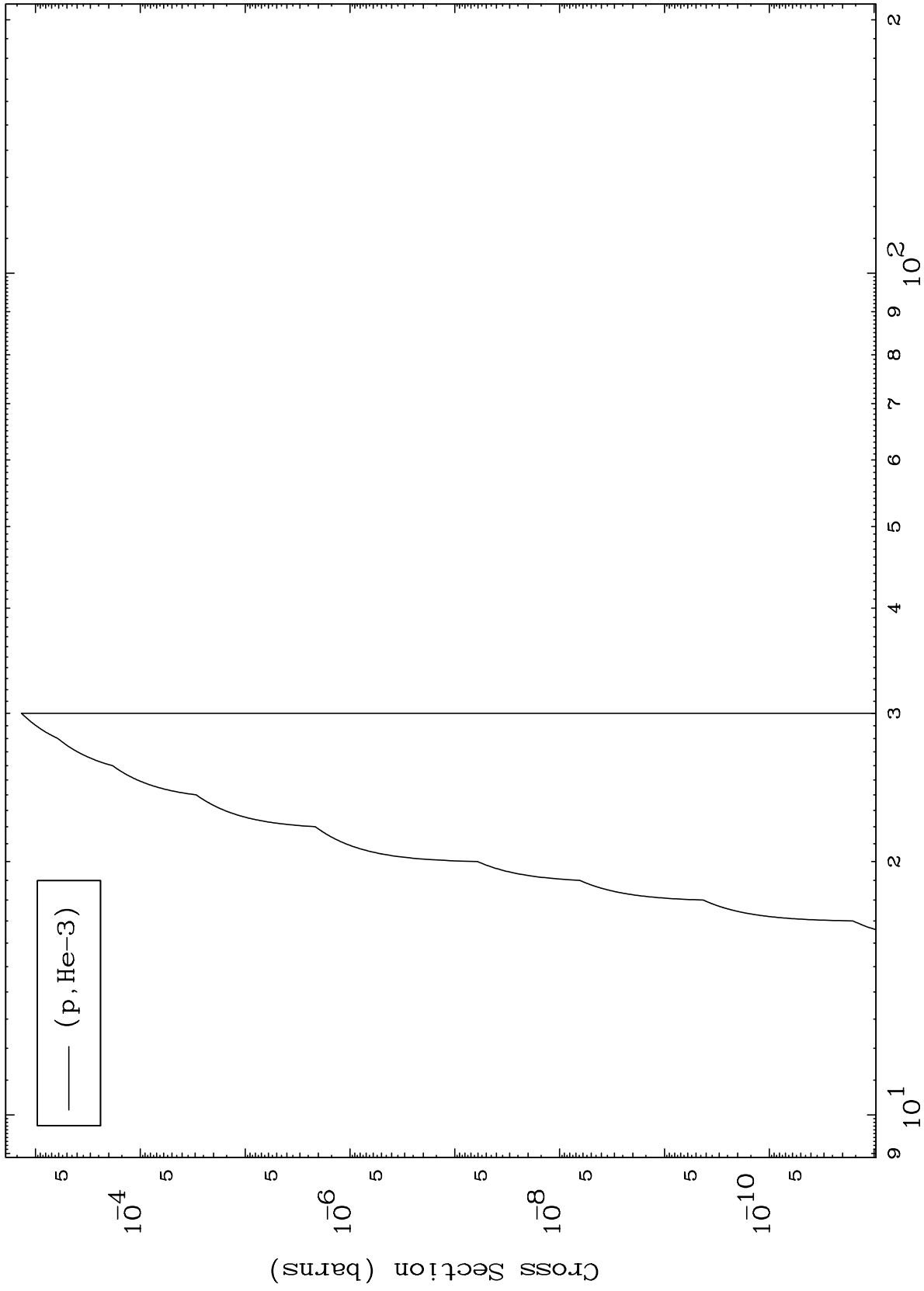
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,He3) Levels  
0 Kelvin Cross Sections

54-Xe-124



9

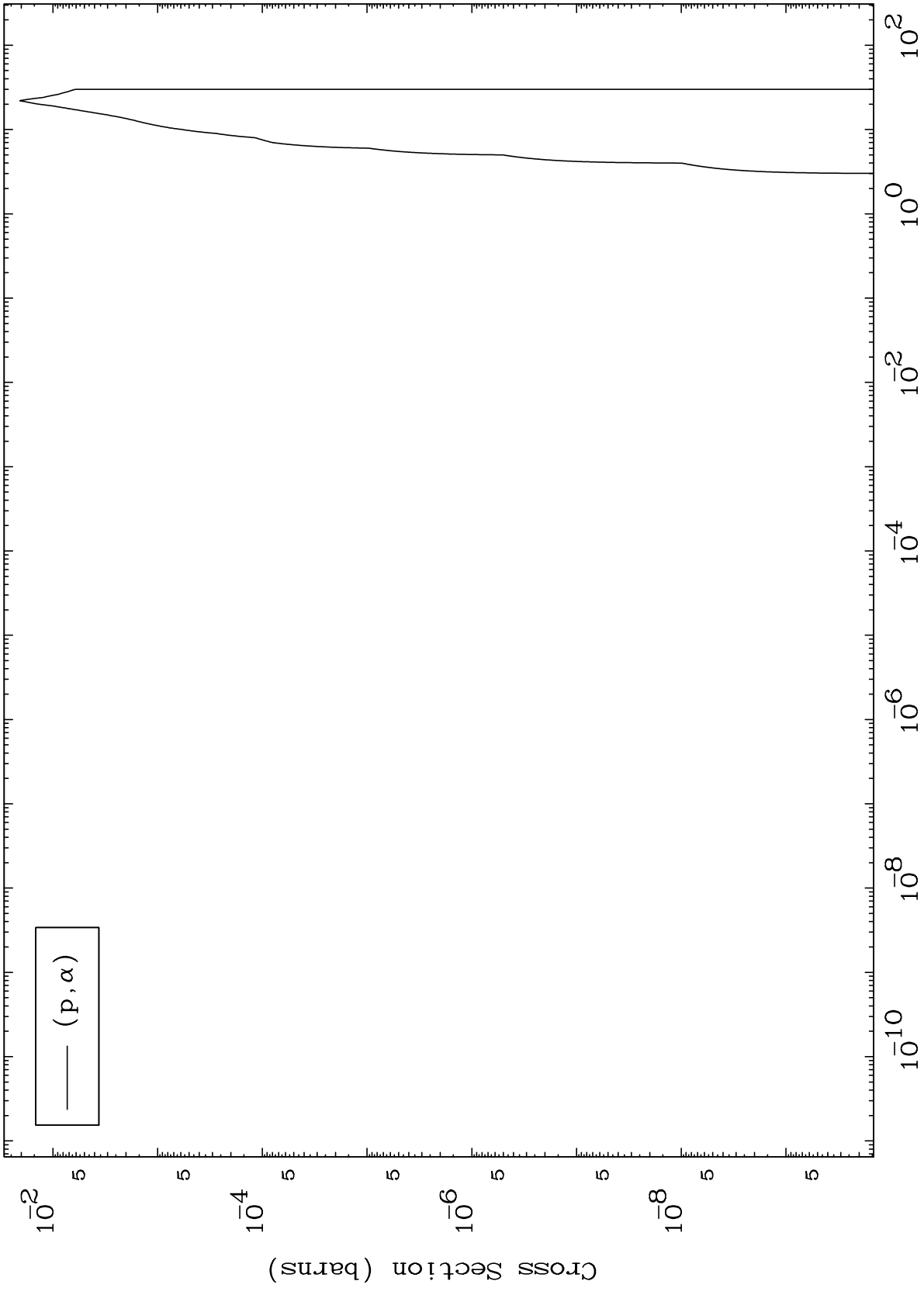
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,α) Levels  
0 Kelvin Cross Sections

54-Xe-124



10

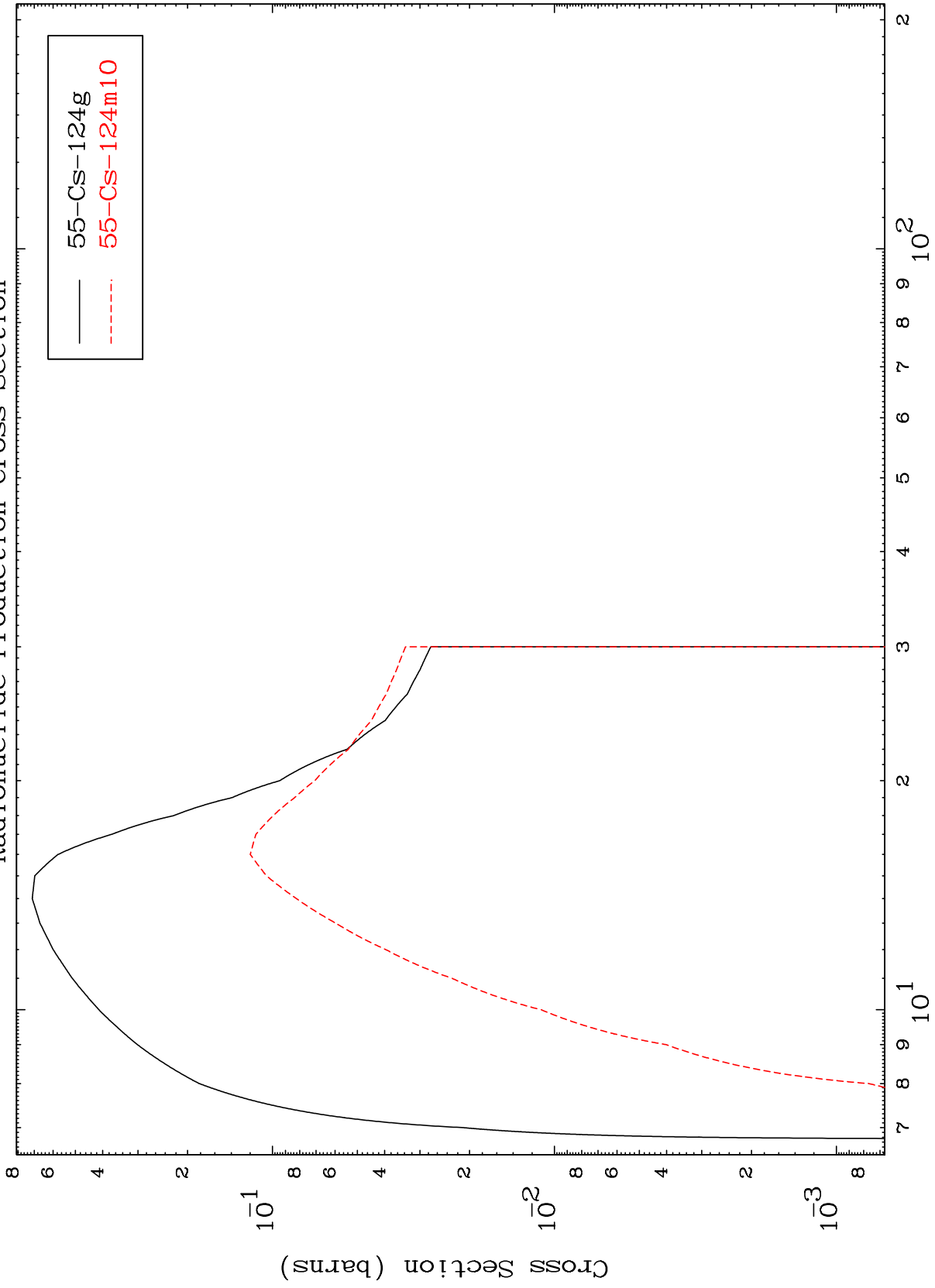
Incident Energy (MeV)

54-Xe-124

MAT 5425

Proton Inelastic  
Radionuclide Production Cross Section

54-Xe-124



11

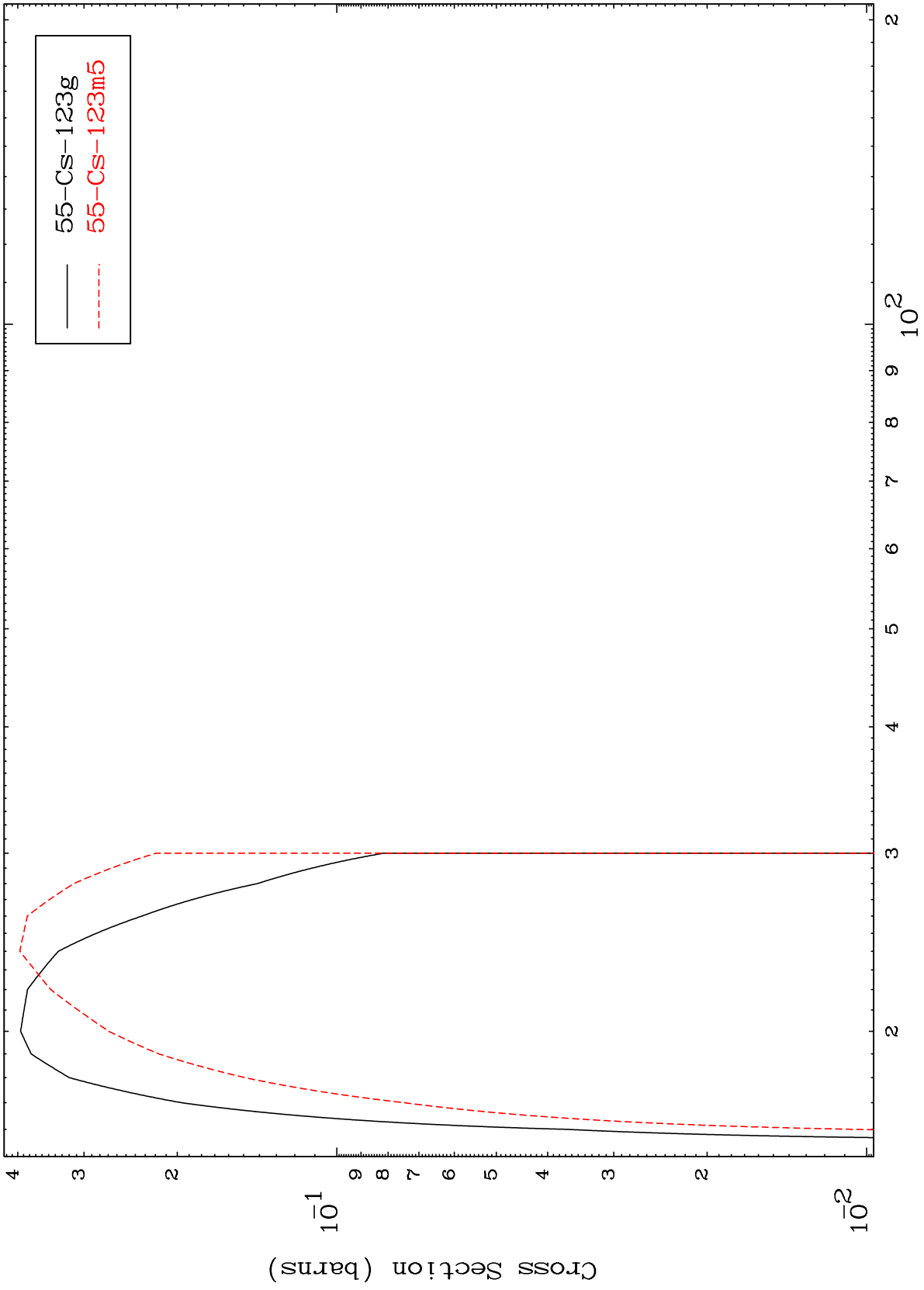
Incident Energy (MeV)

54-Xe-124

MAT 5425

54-Xe-124

(p,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

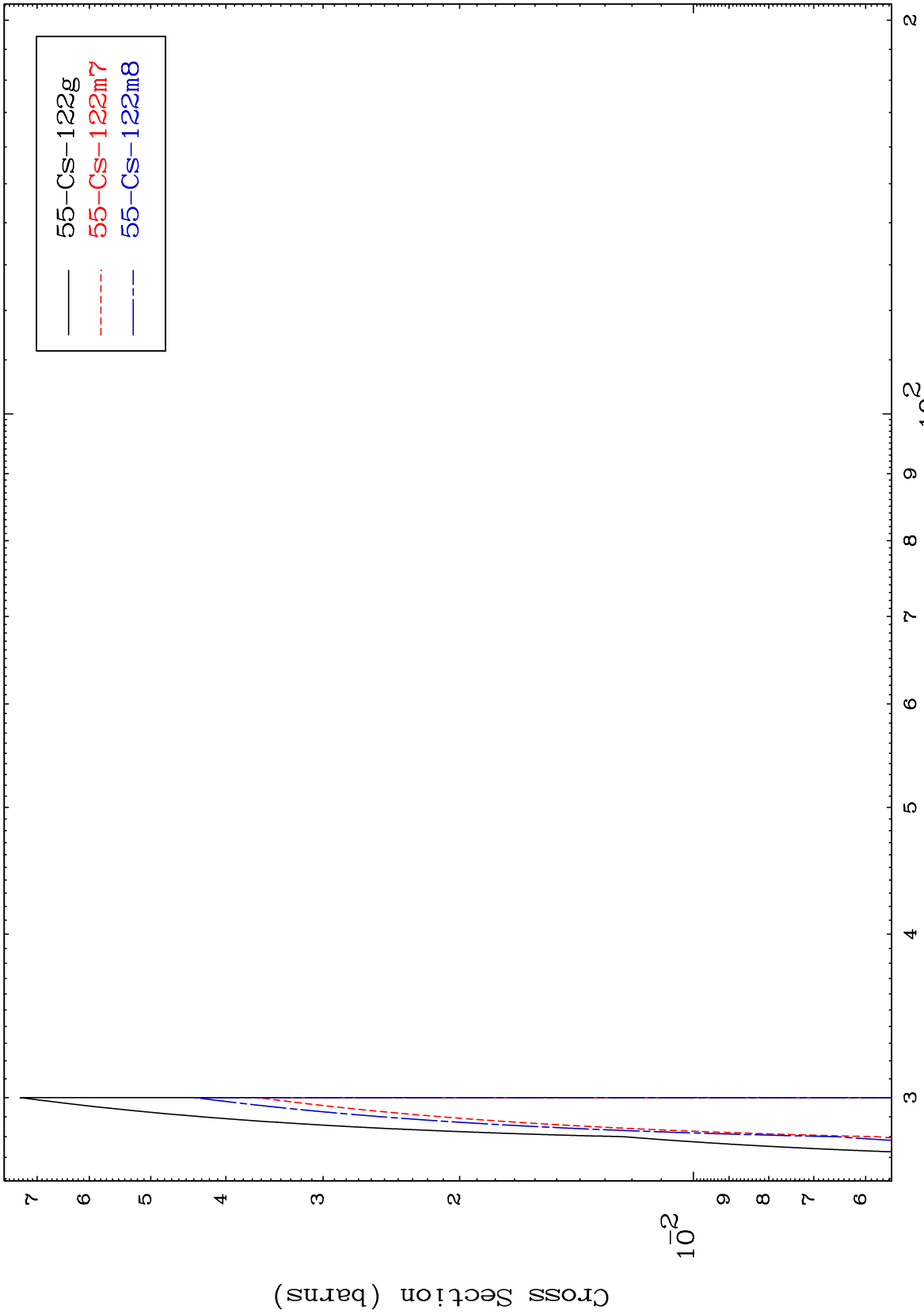
54-Xe-124

MAT 5425

(p,3n)

54-Xe-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

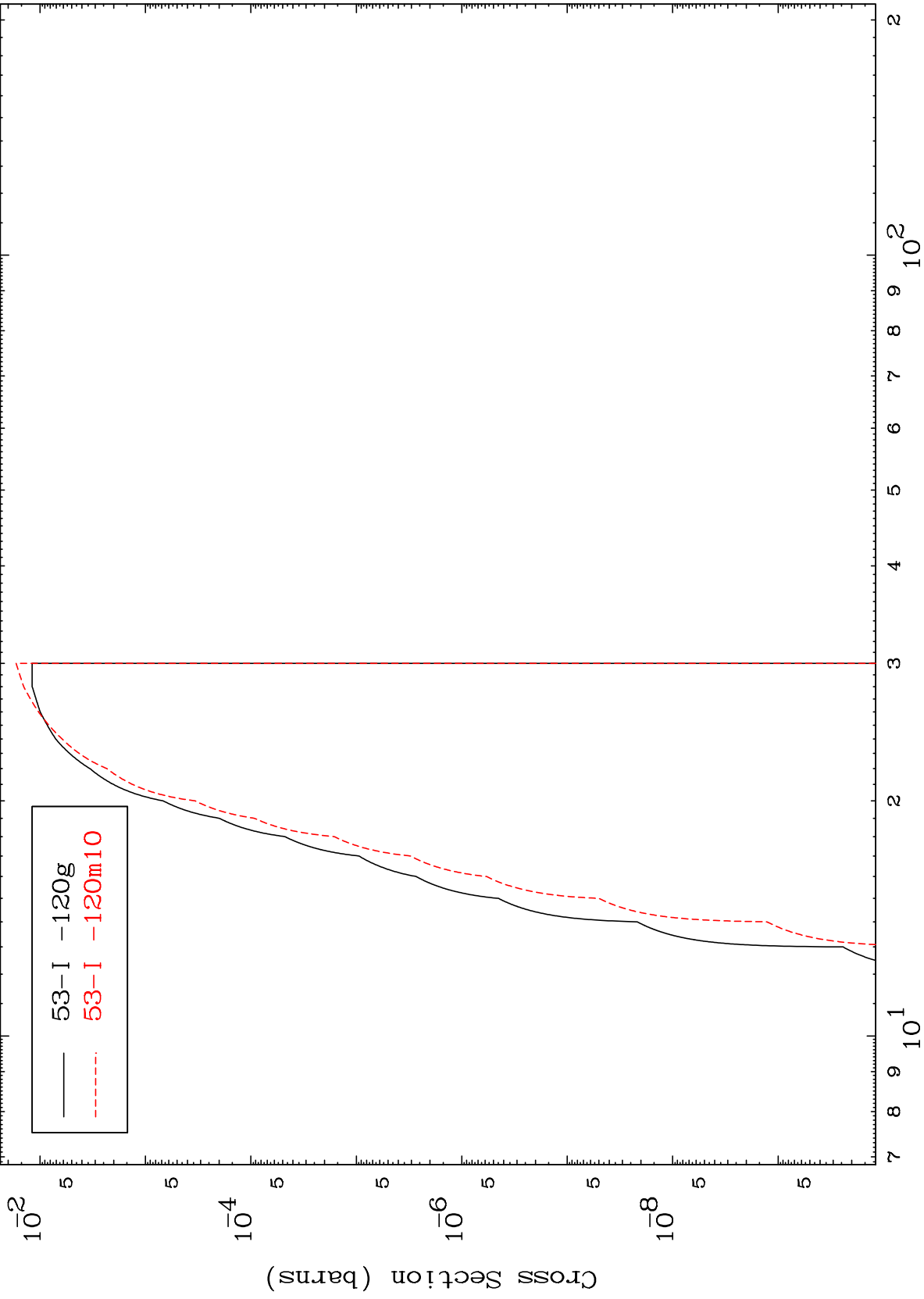
54-Xe-124

MAT 5425

(p,n')  $\alpha$

54-Xe-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

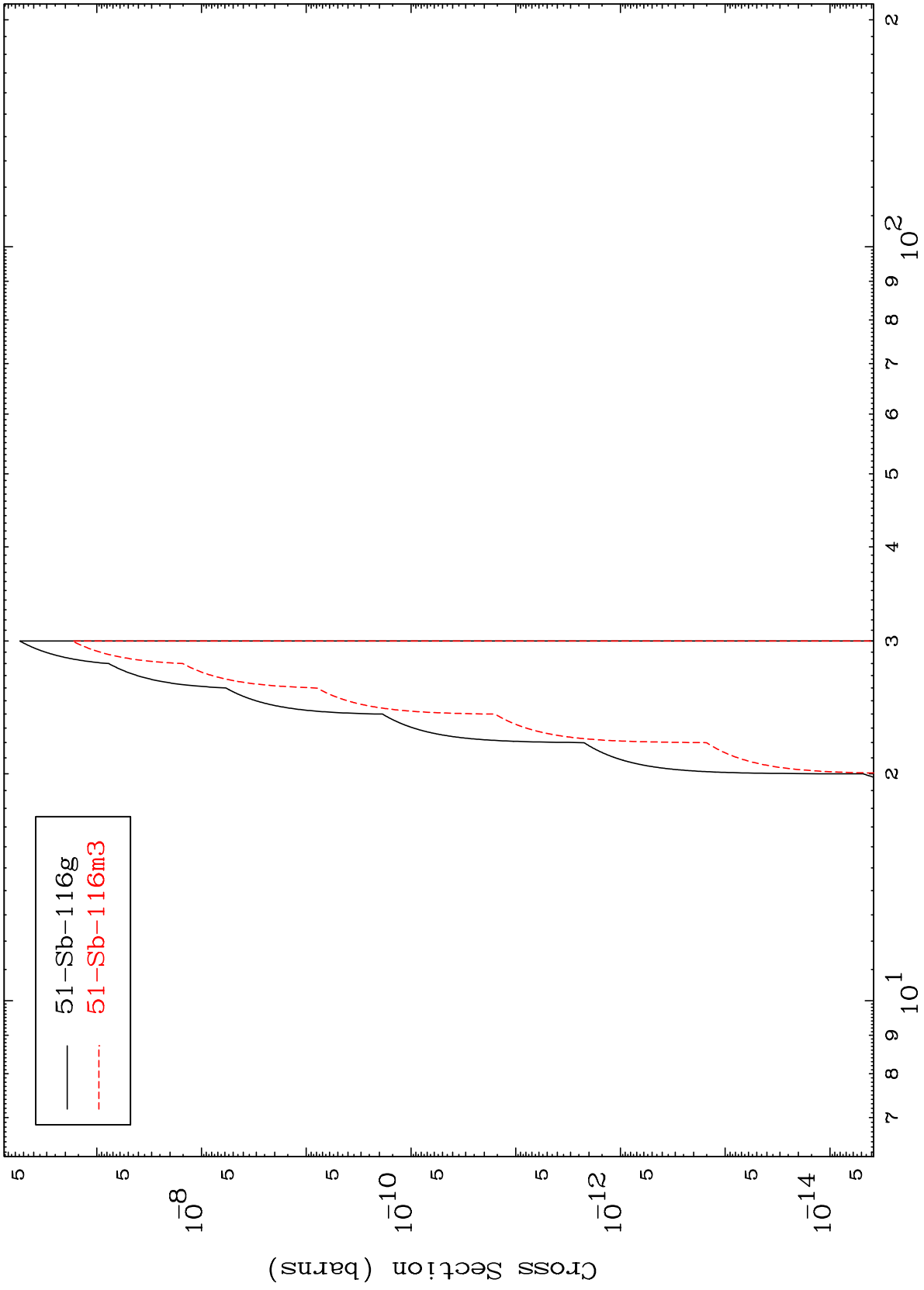
54-Xe-124

MAT 5425

(p,n') 2 $\alpha$

54-Xe-124

Radionuclide Production Cross Section



15

Incident Energy (MeV)

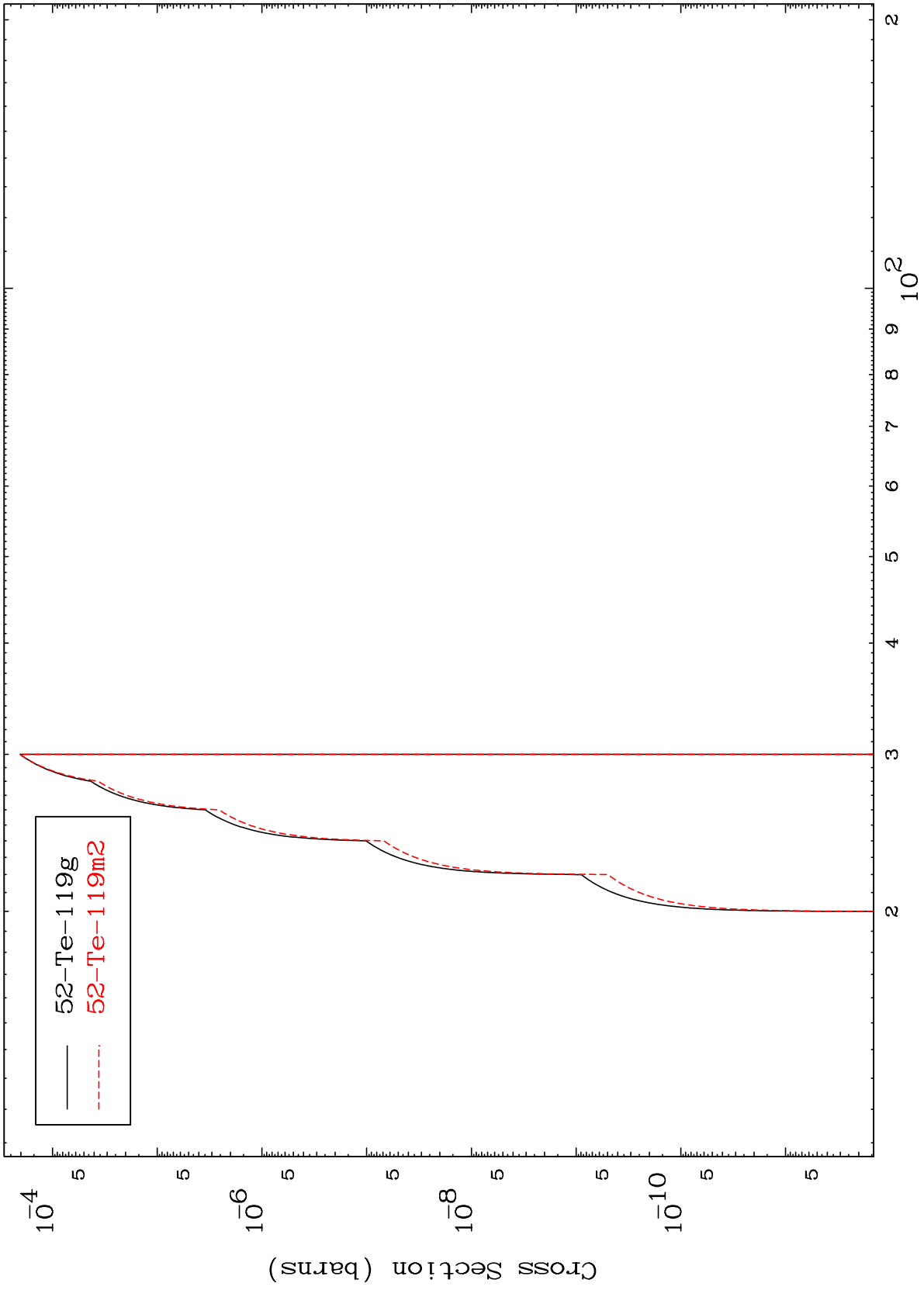
54-Xe-124



MAT 5425

54-Xe-124

(p,n') p  $\alpha$   
Radionuclide Production Cross Section



16

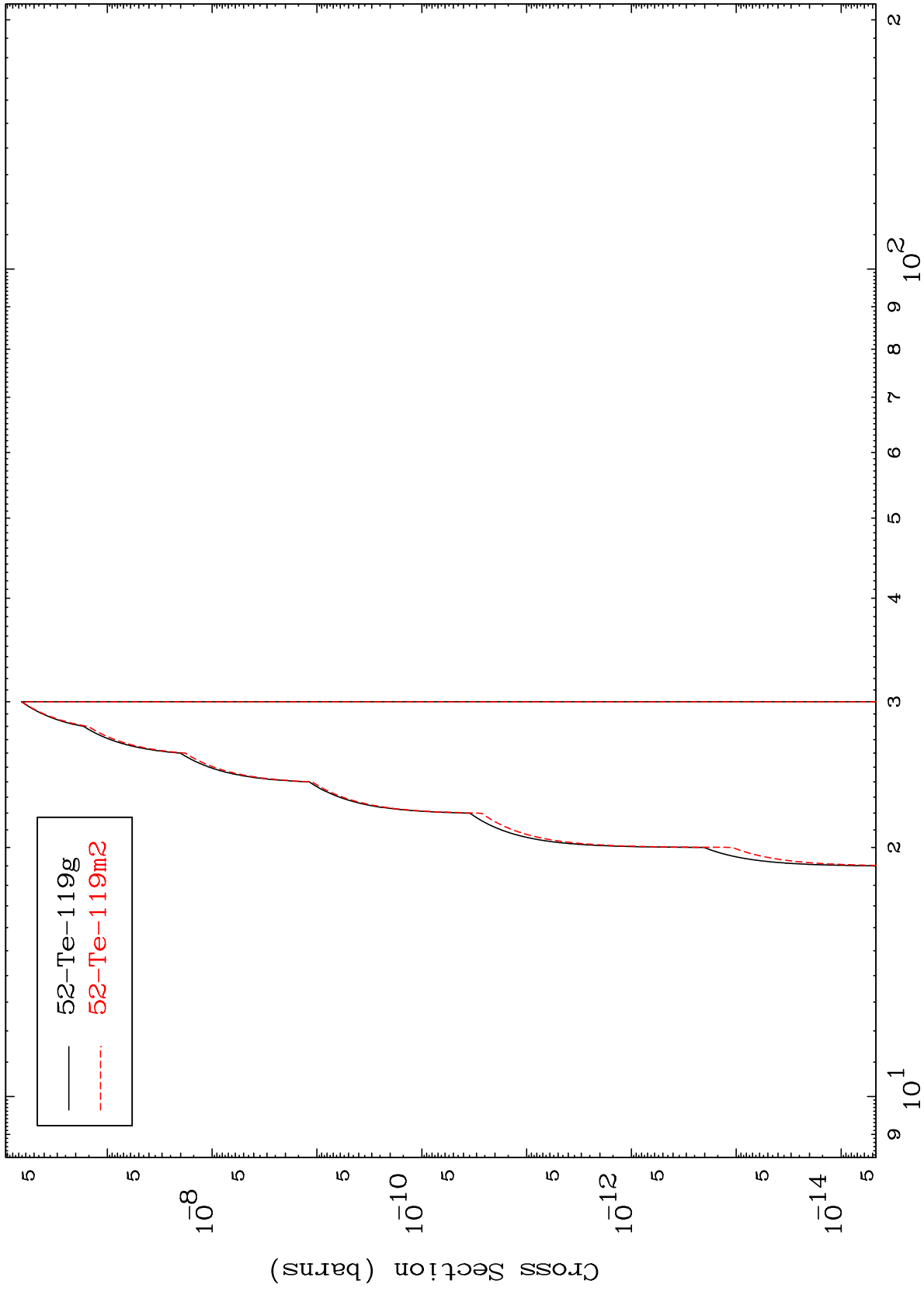
54-Xe-124

MAT 5425

(p,d)  $\alpha$

54-Xe-124

### Radionuclide Production Cross Section



17

Incident Energy (MeV)

54-Xe-124