

Program EVALPLOT  
(Version 2017-1)

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

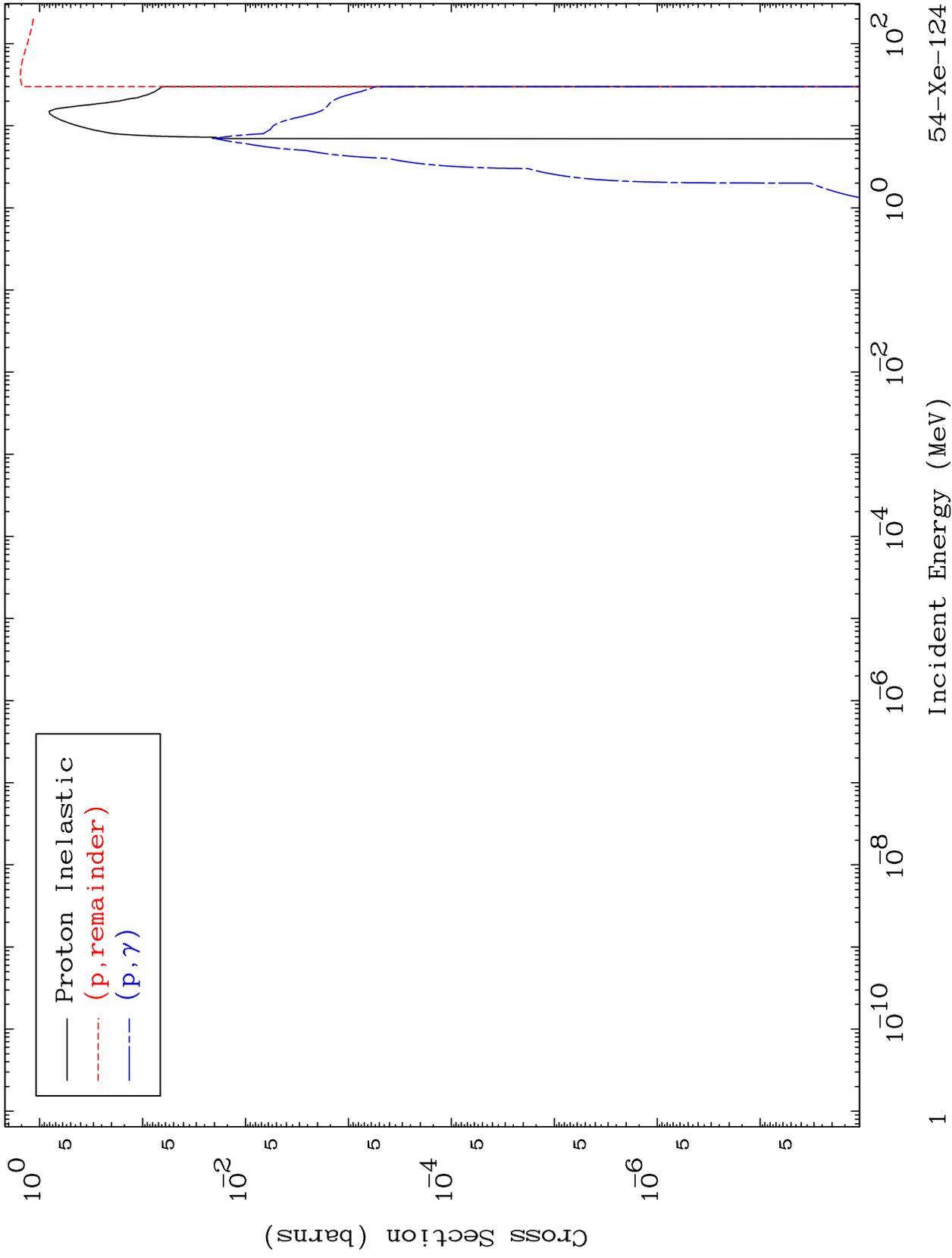
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

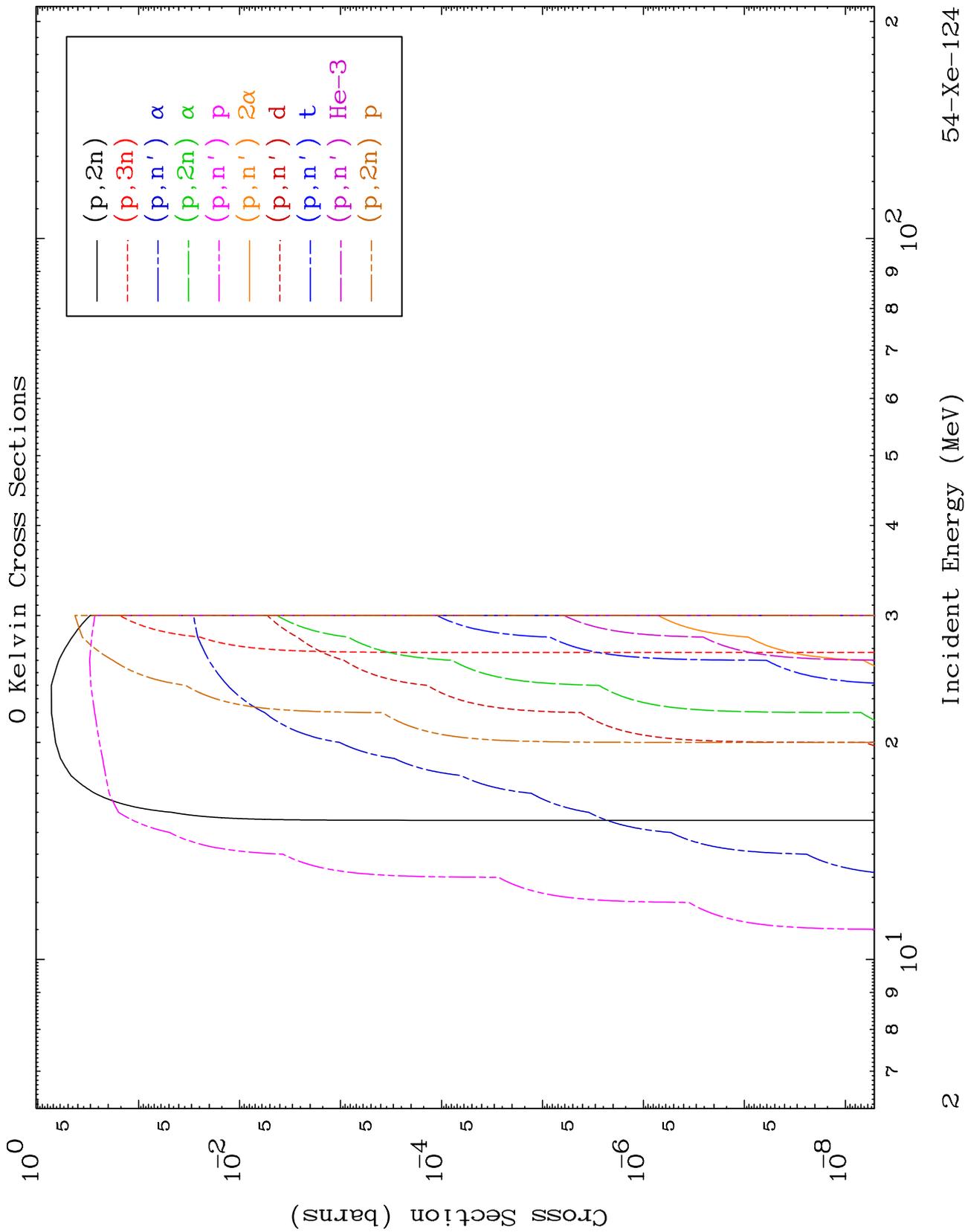
MAT 5425

Proton Major  
0 Kelvin Cross Sections

54-Xe-124



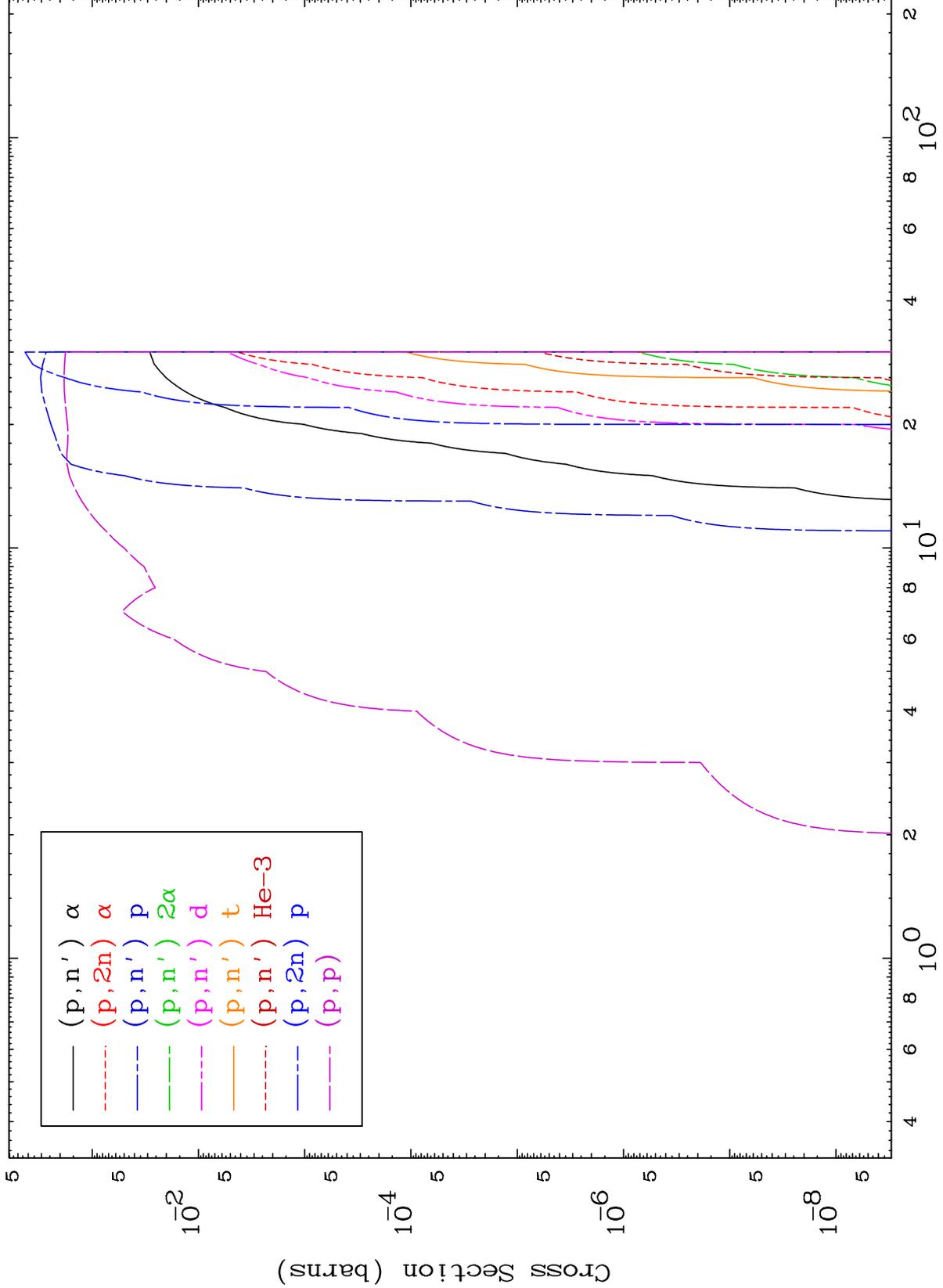
1



MAT 5425

Proton Charged Particle  
0 Kelvin Cross Sections

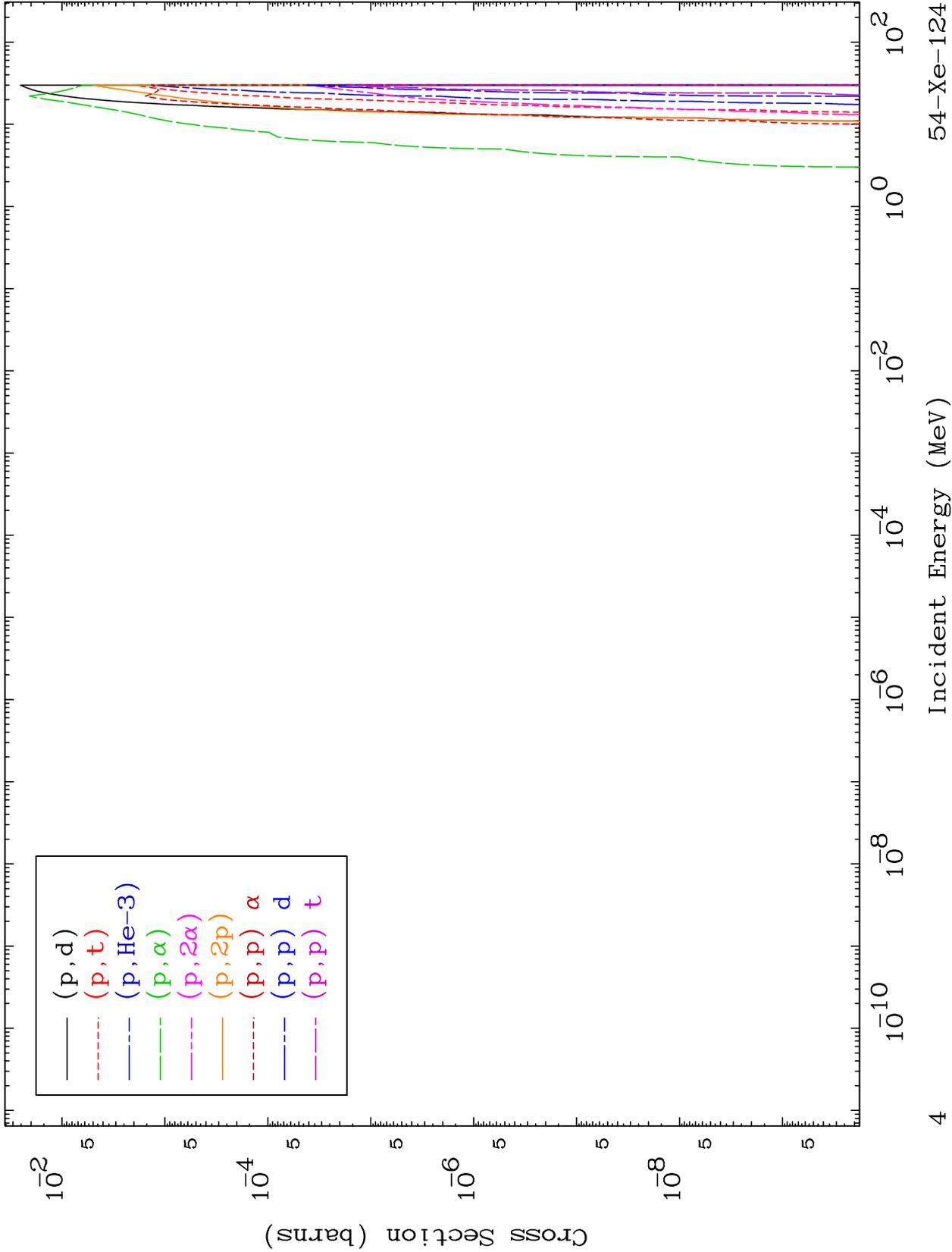
54-Xe-124



MAT 5425

Proton Charged Particle  
0 Kelvin Cross Sections

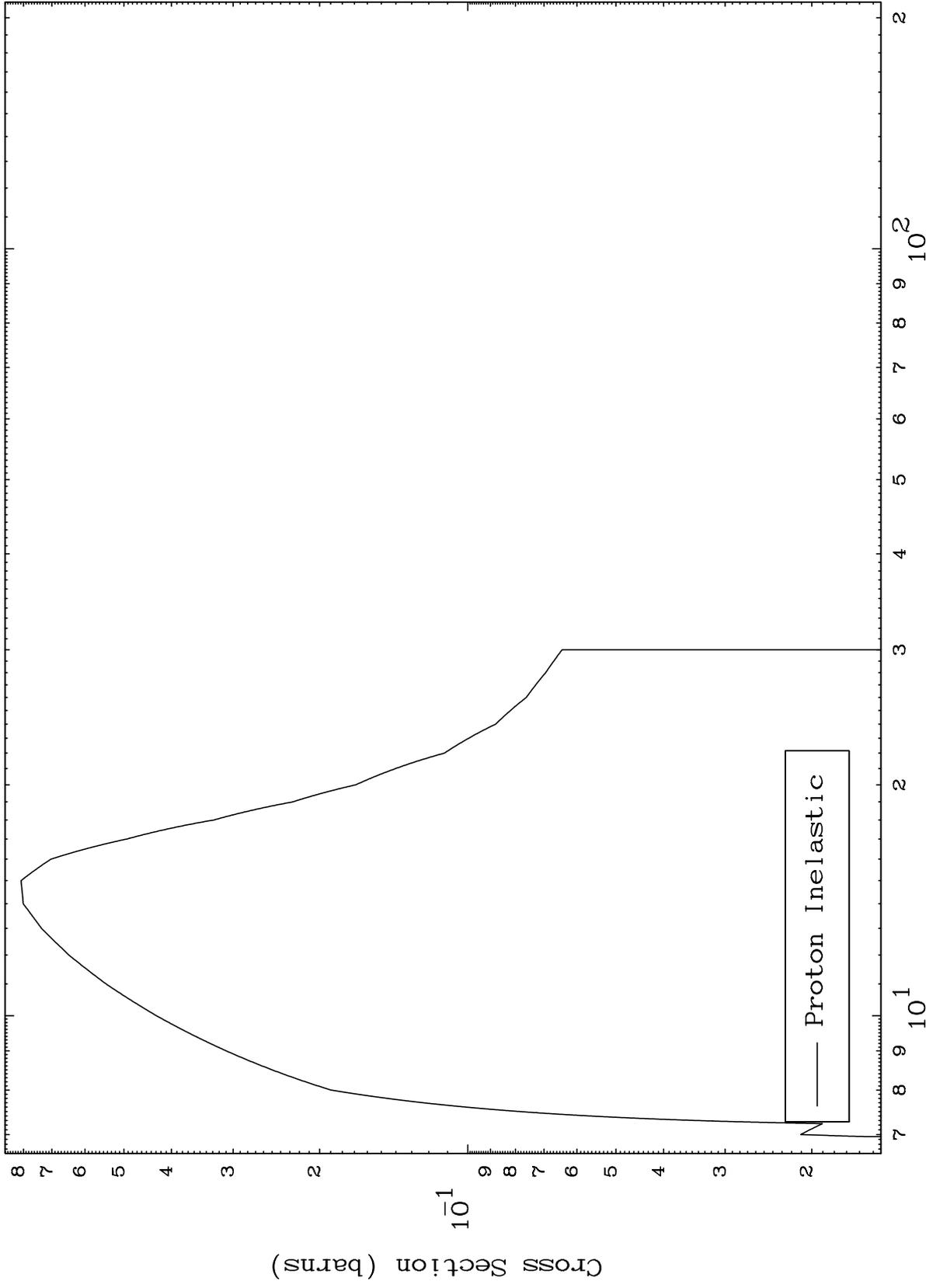
54-Xe-124



MAT 5425

(p,n') Level  
0 Kelvin Cross Sections

54-Xe-124



— Proton Inelastic

5

Incident Energy (MeV)

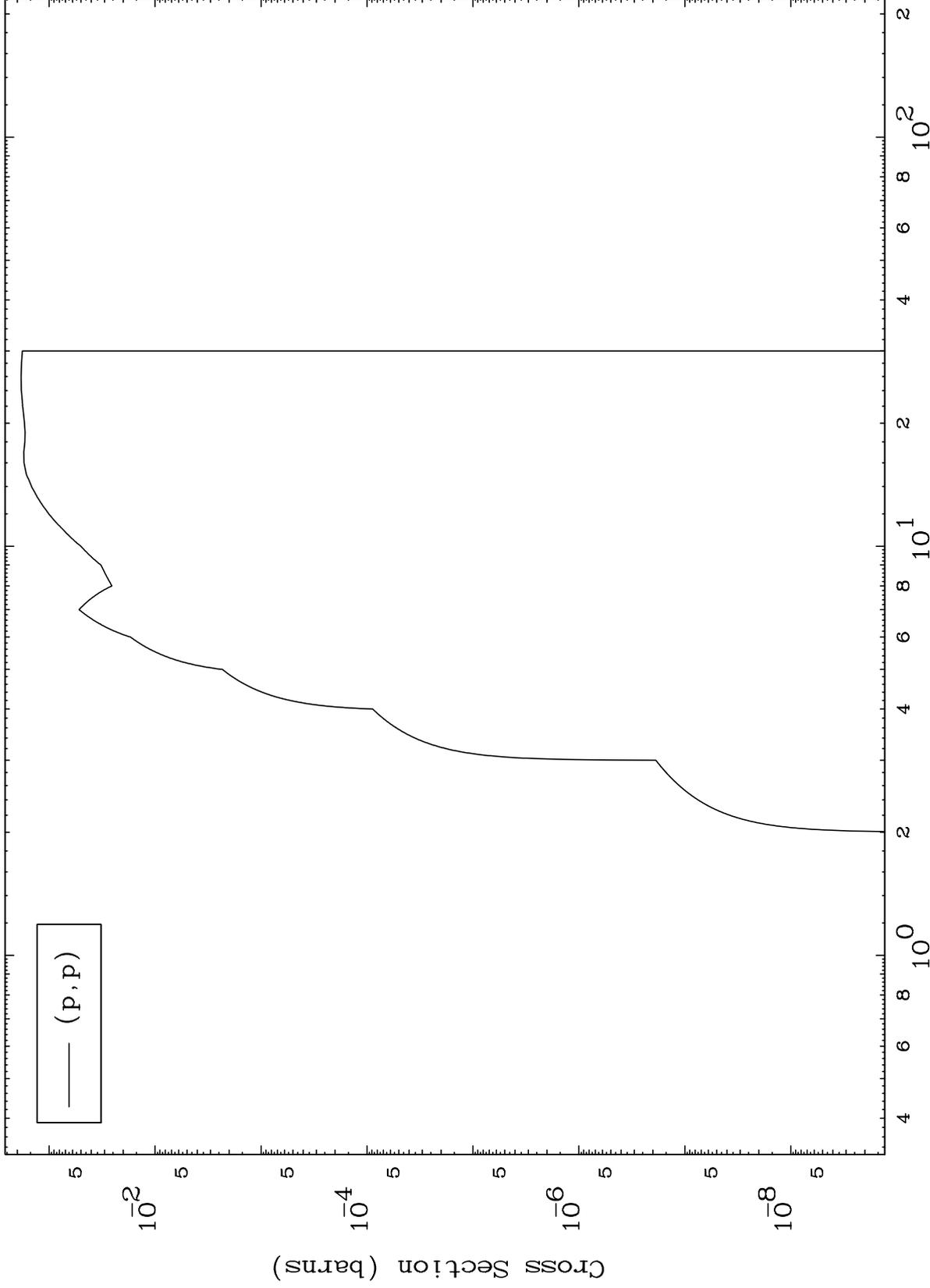
54-Xe-124

MAT 5425

(p,p) Levels

54-Xe-124

0 Kelvin Cross Sections



6

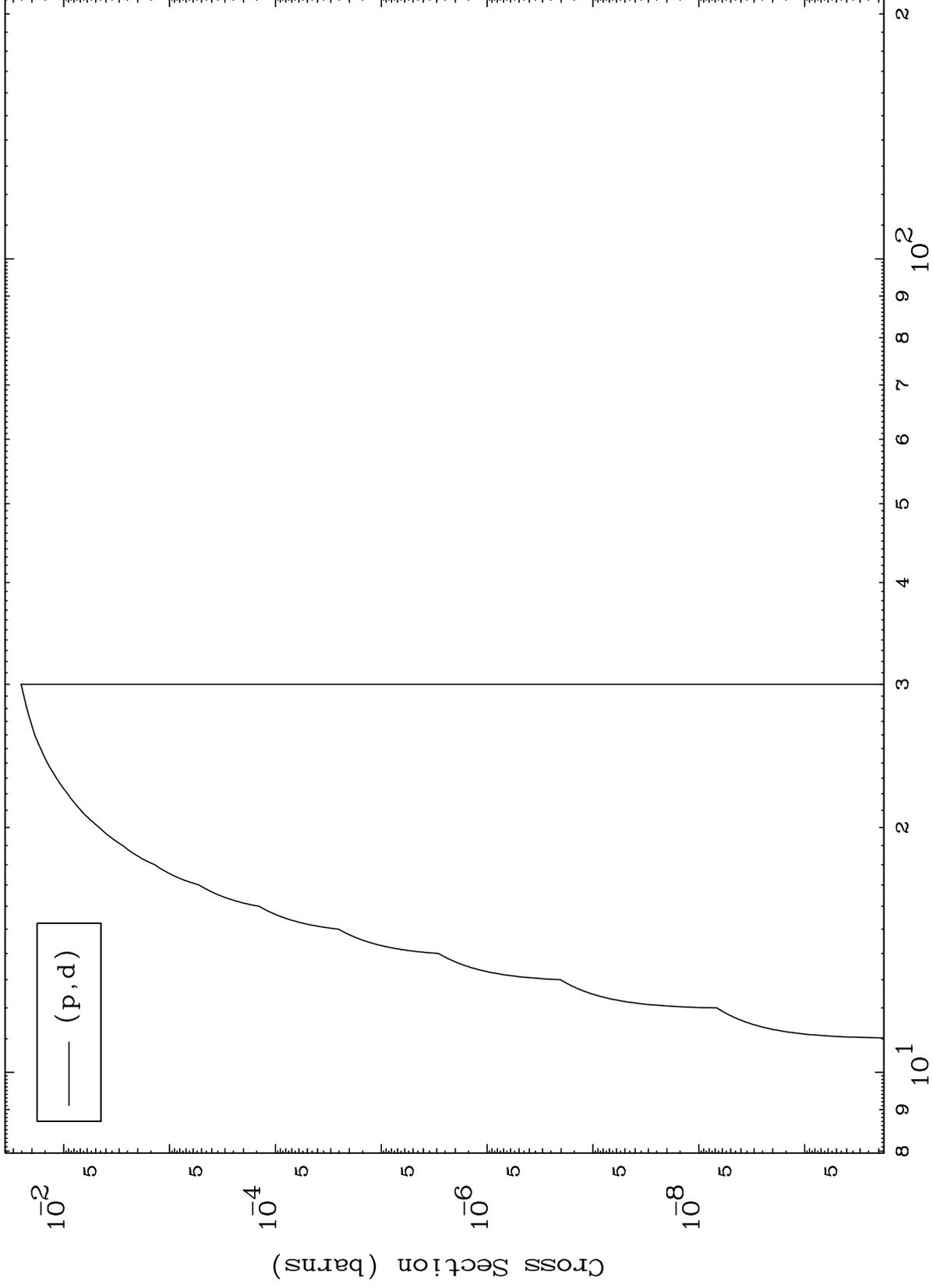
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-124



7

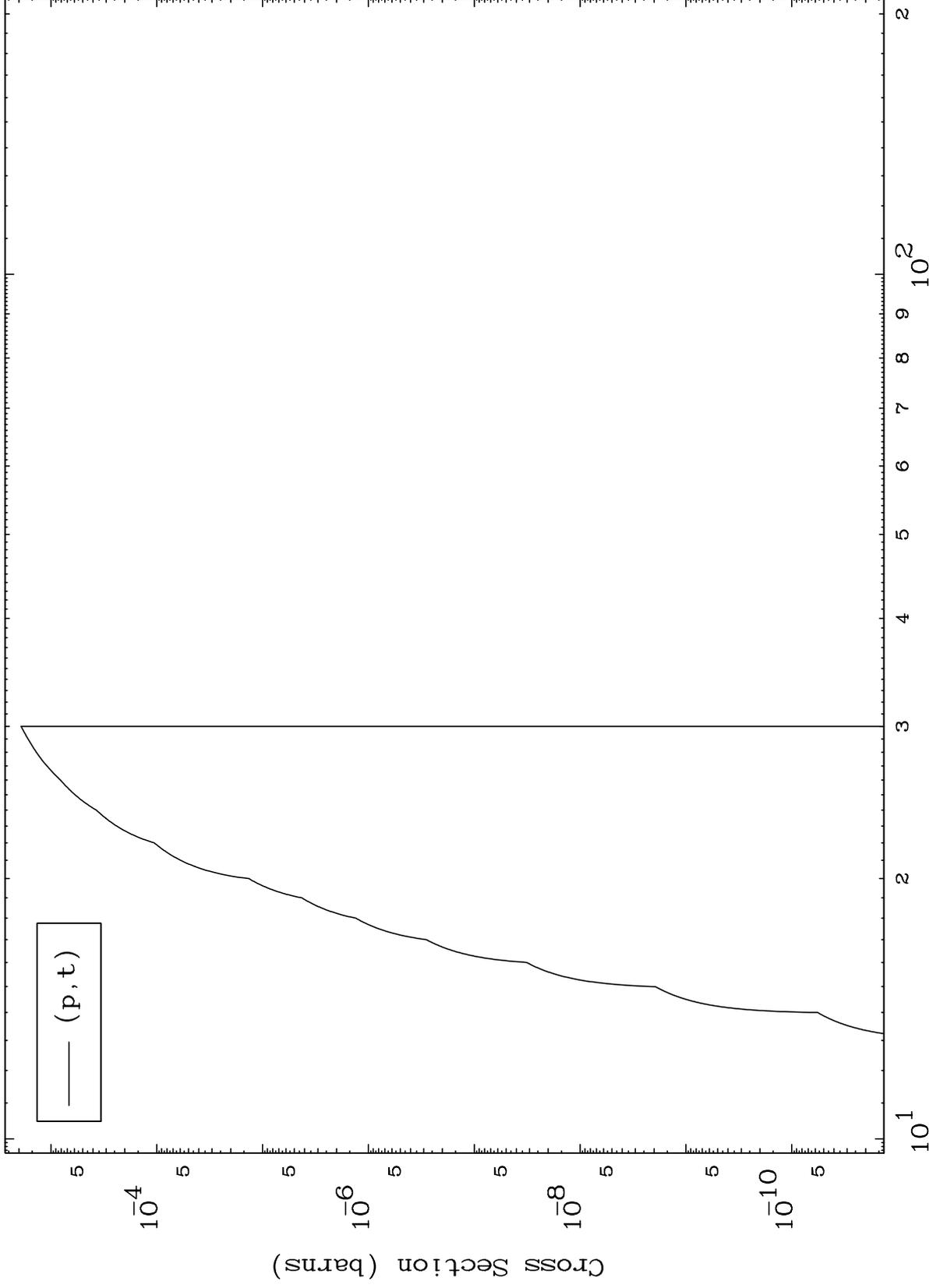
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,t) Levels  
0 Kelvin Cross Sections

54-Xe-124

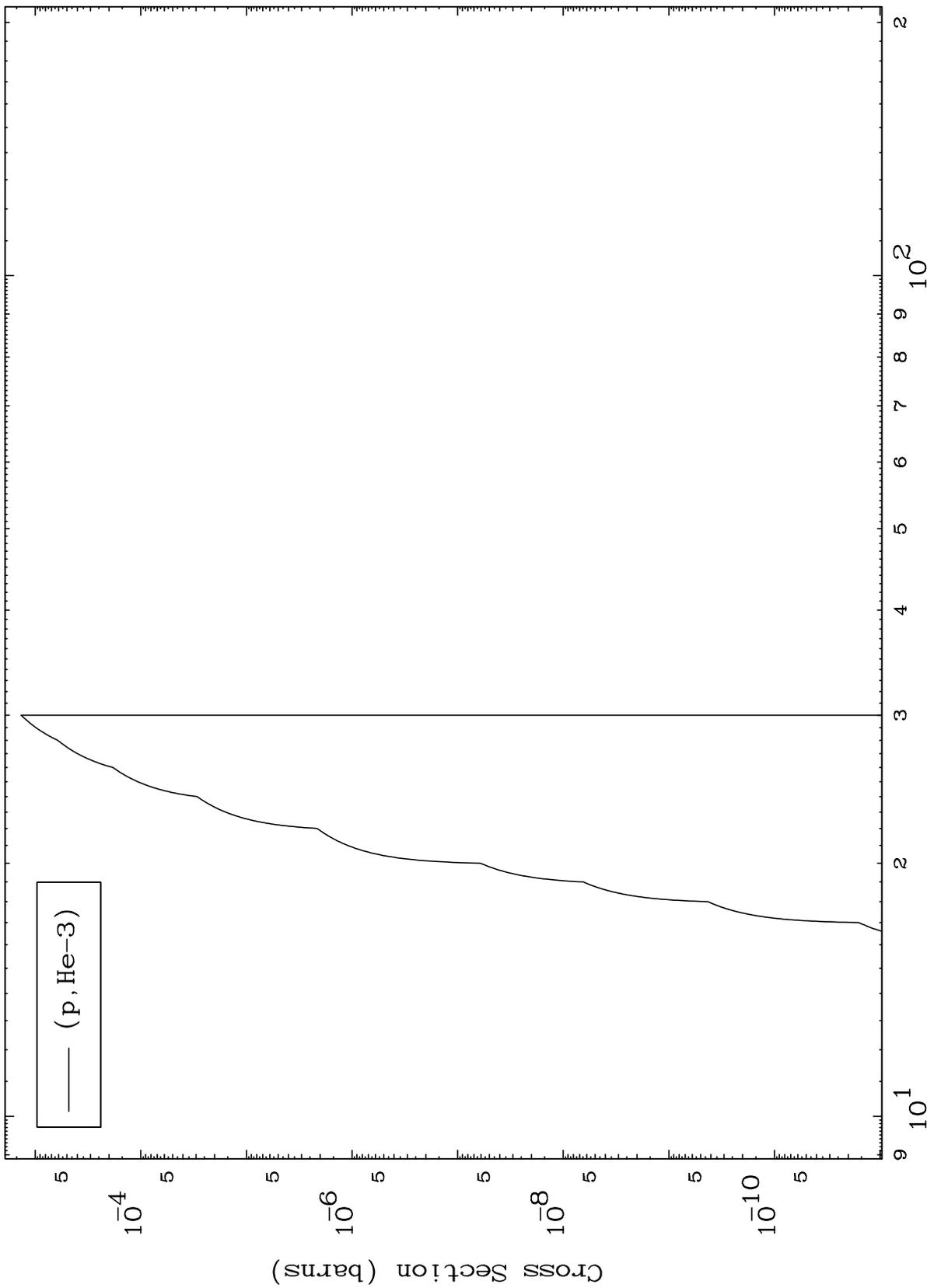


54-Xe-124

MAT 5425

54-Xe-124

(p,He3) Levels  
0 Kelvin Cross Sections



54-Xe-124

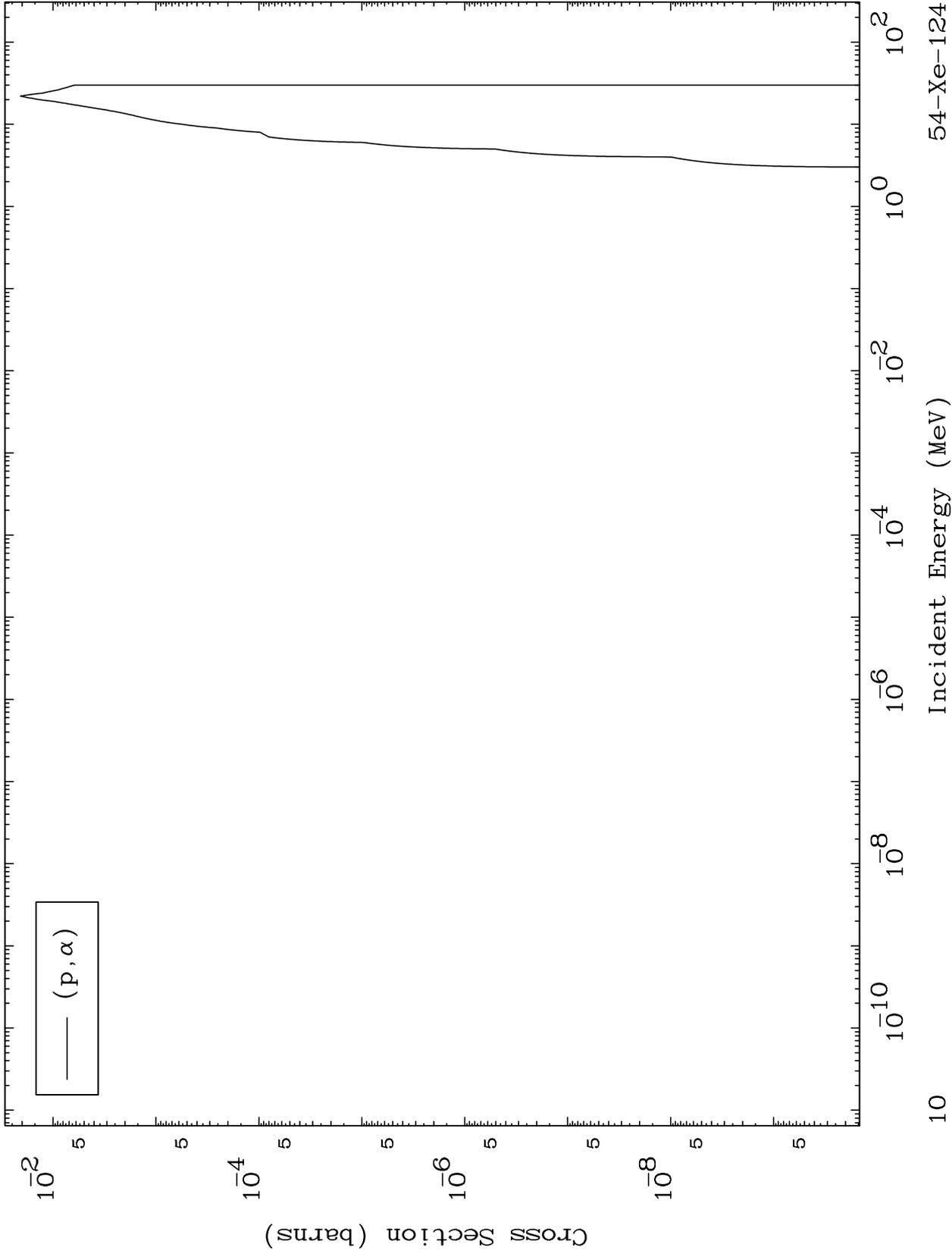
Incident Energy (MeV)

9

MAT 5425

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

54-Xe-124



10

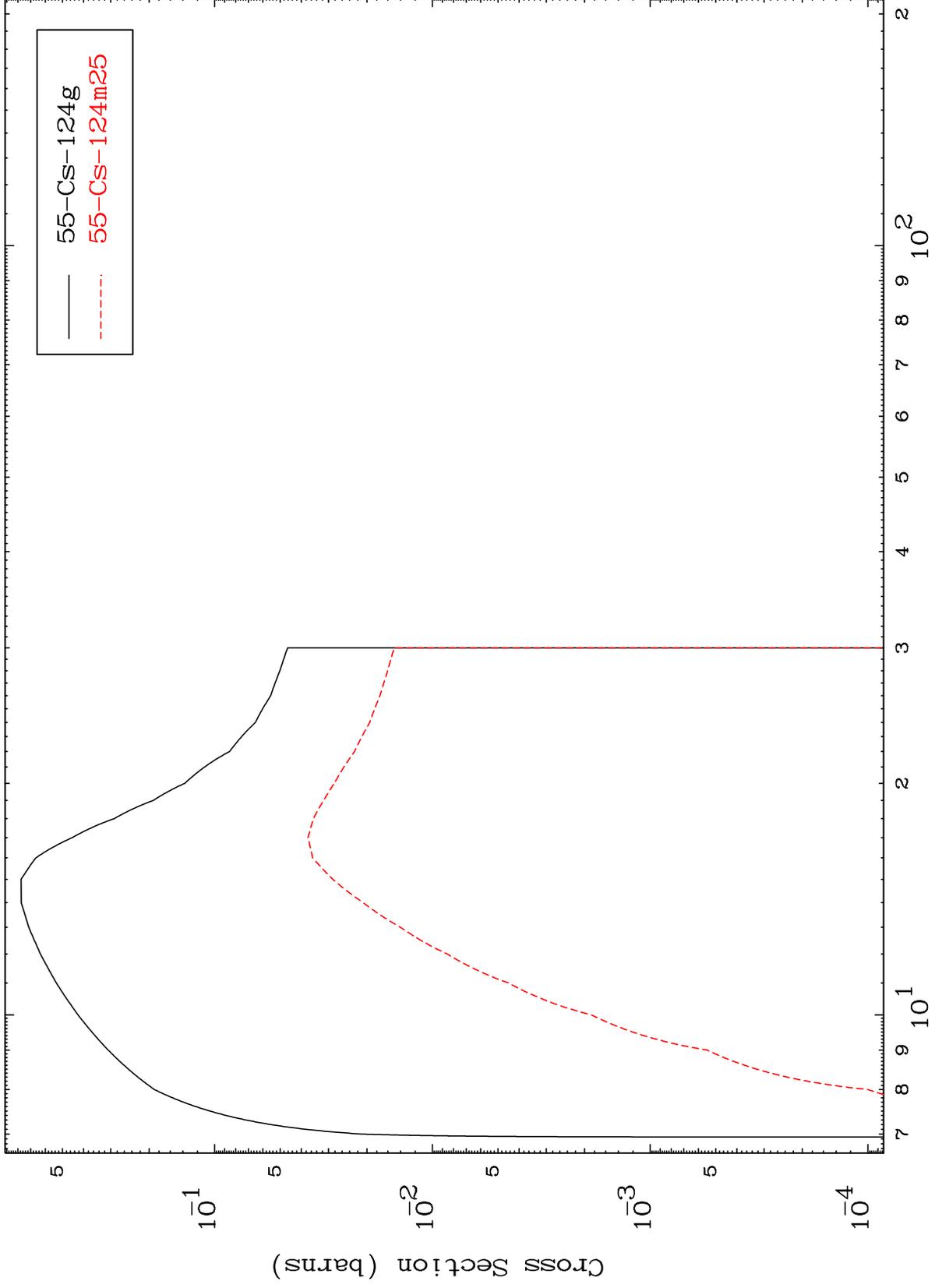
Incident Energy (MeV)

54-Xe-124

MAT 5425

Proton Inelastic  
Radionuclide Production Cross Section

54-Xe-124



11

Incident Energy (MeV)

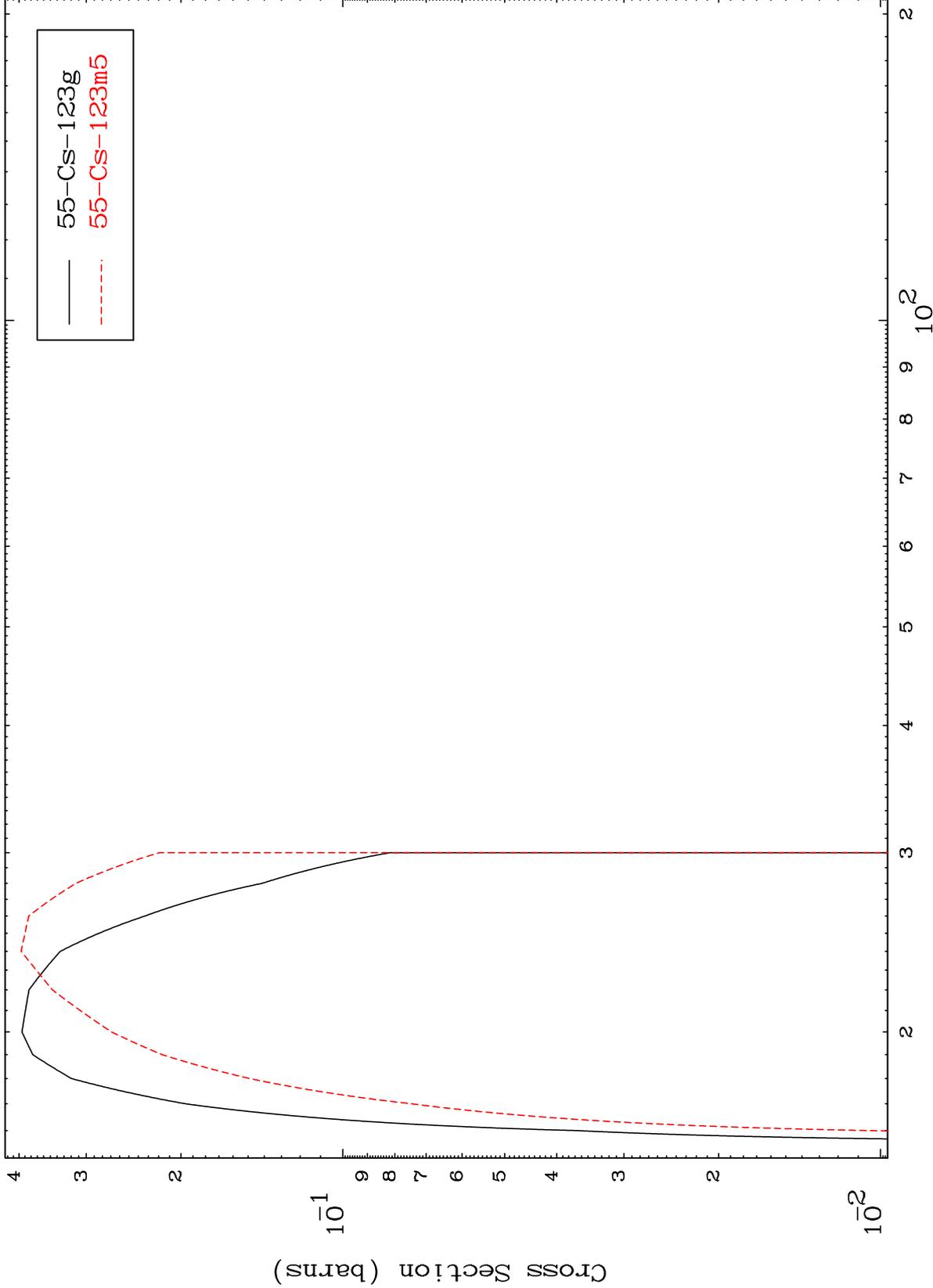
54-Xe-124

MAT 5425

(p,2n)

54-Xe-124

Radionuclide Production Cross Section



12

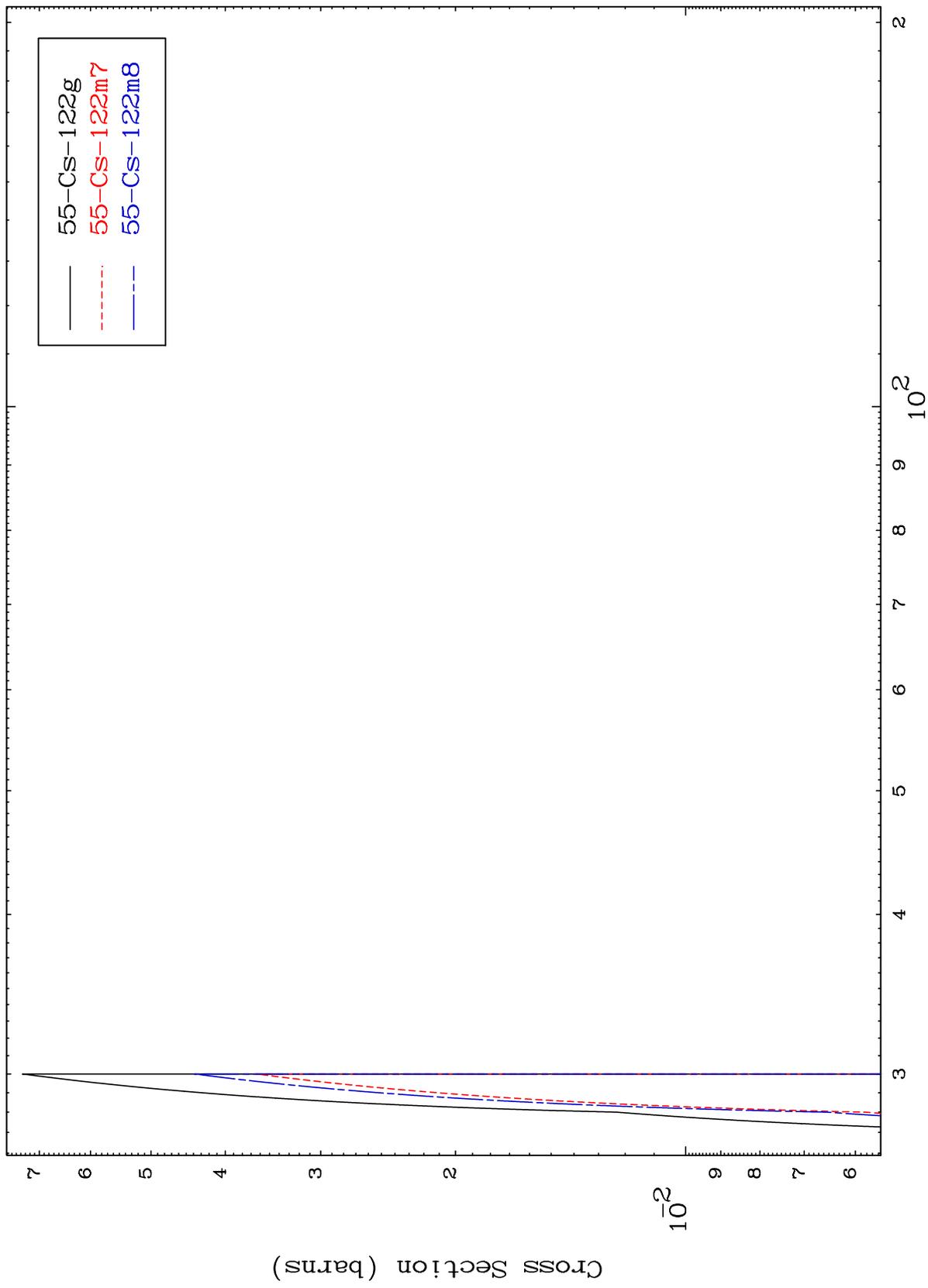
Incident Energy (MeV)

54-Xe-124

MAT 5425

54-Xe-124

(p,3n)  
Radionuclide Production Cross Section



54-Xe-124

Incident Energy (MeV)

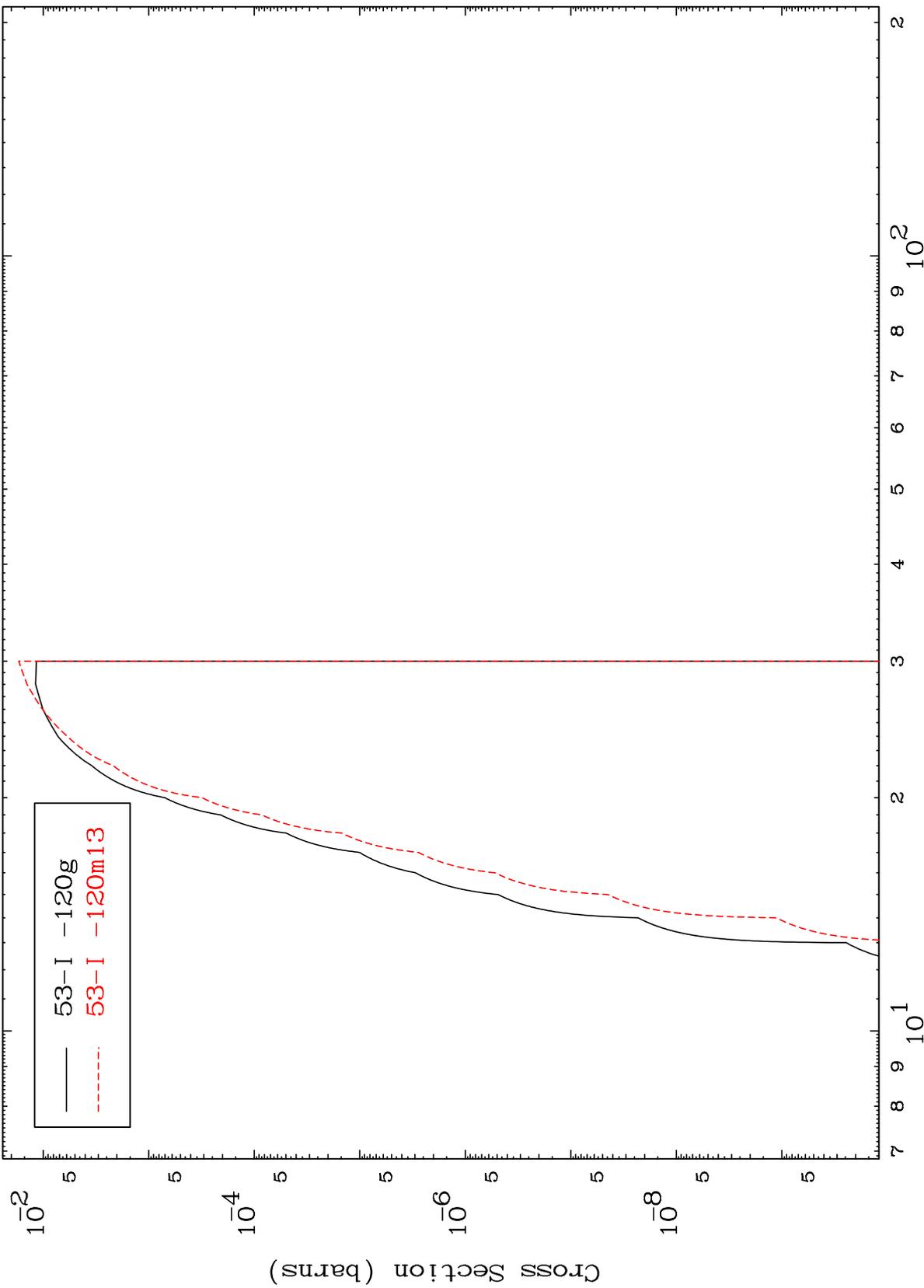
13

MAT 5425

(p,n')  $\alpha$

54-Xe-124

Radionuclide Production Cross Section



53-I -120g  
53-I -120m13

14

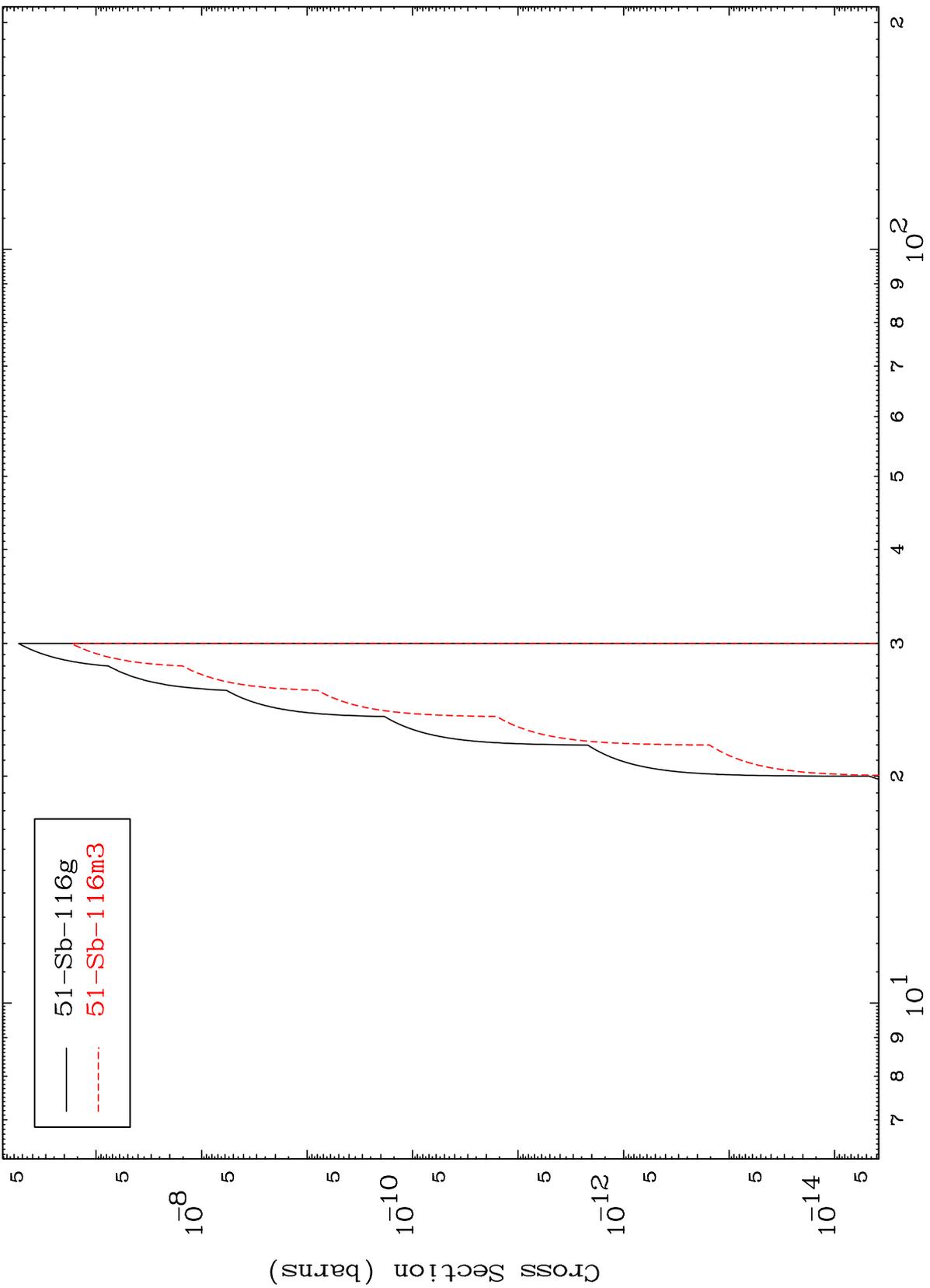
Incident Energy (MeV)

54-Xe-124

MAT 5425

54-Xe-124

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



15

Incident Energy (MeV)

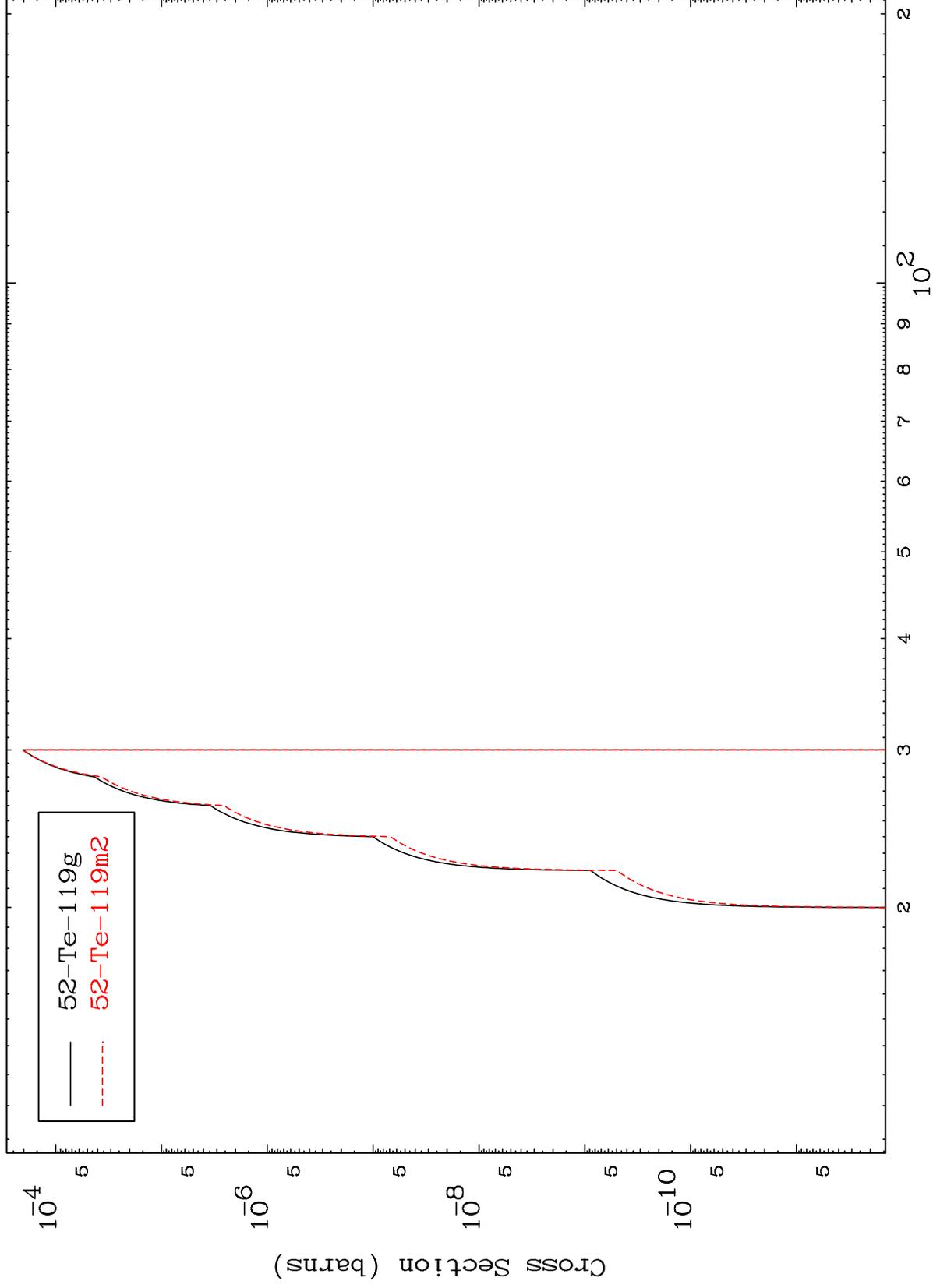
54-Xe-124

MAT 5425

(p,n') p  $\alpha$

54-Xe-124

Radionuclide Production Cross Section



16

Incident Energy (MeV)

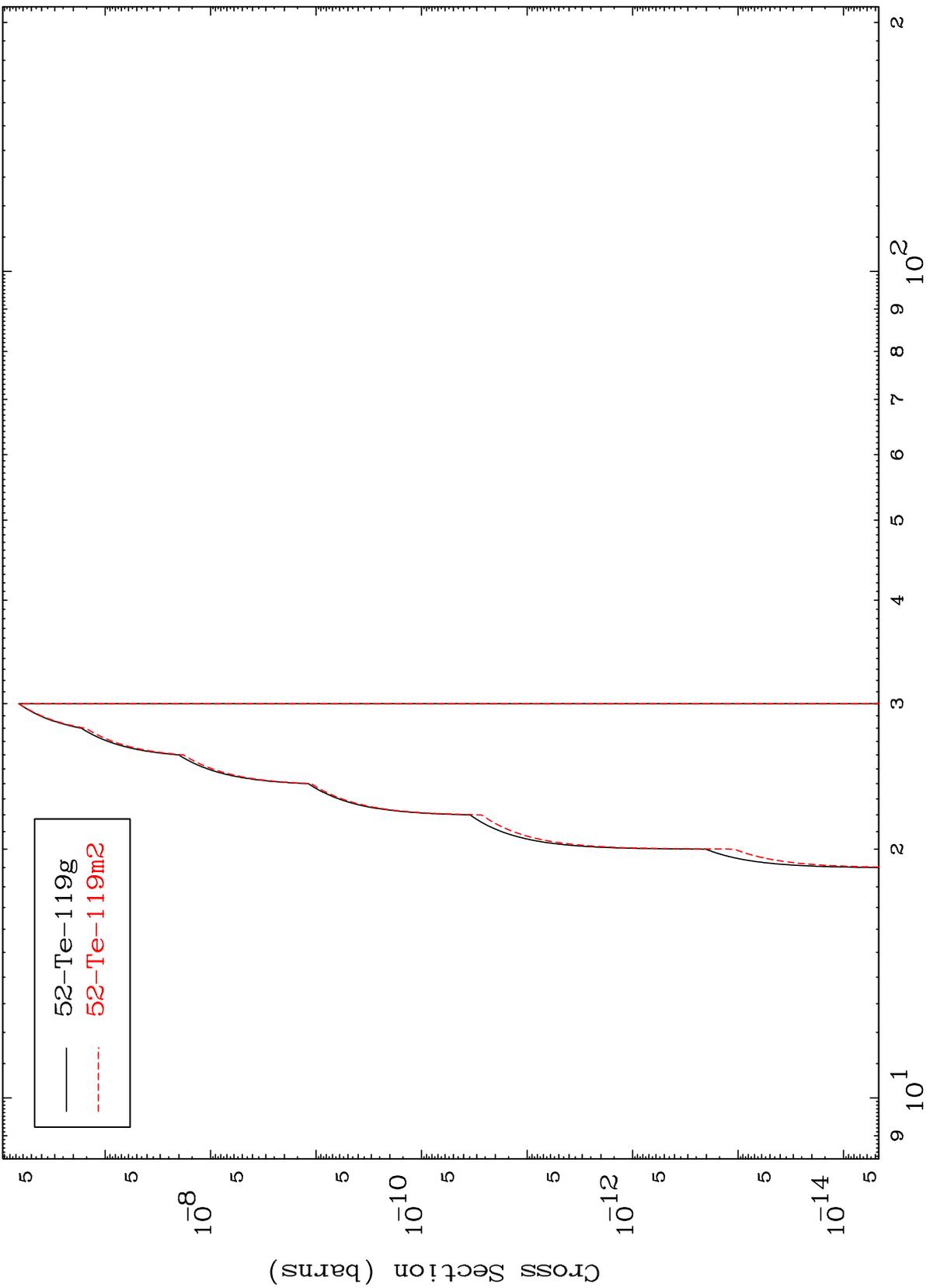
54-Xe-124

MAT 5425

(p,d)  $\alpha$

54-Xe-124

Radionuclide Production Cross Section



17

Incident Energy (MeV)

54-Xe-124