

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

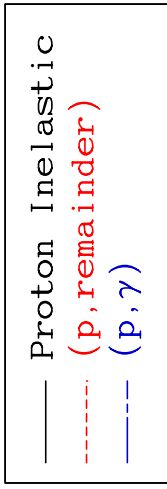
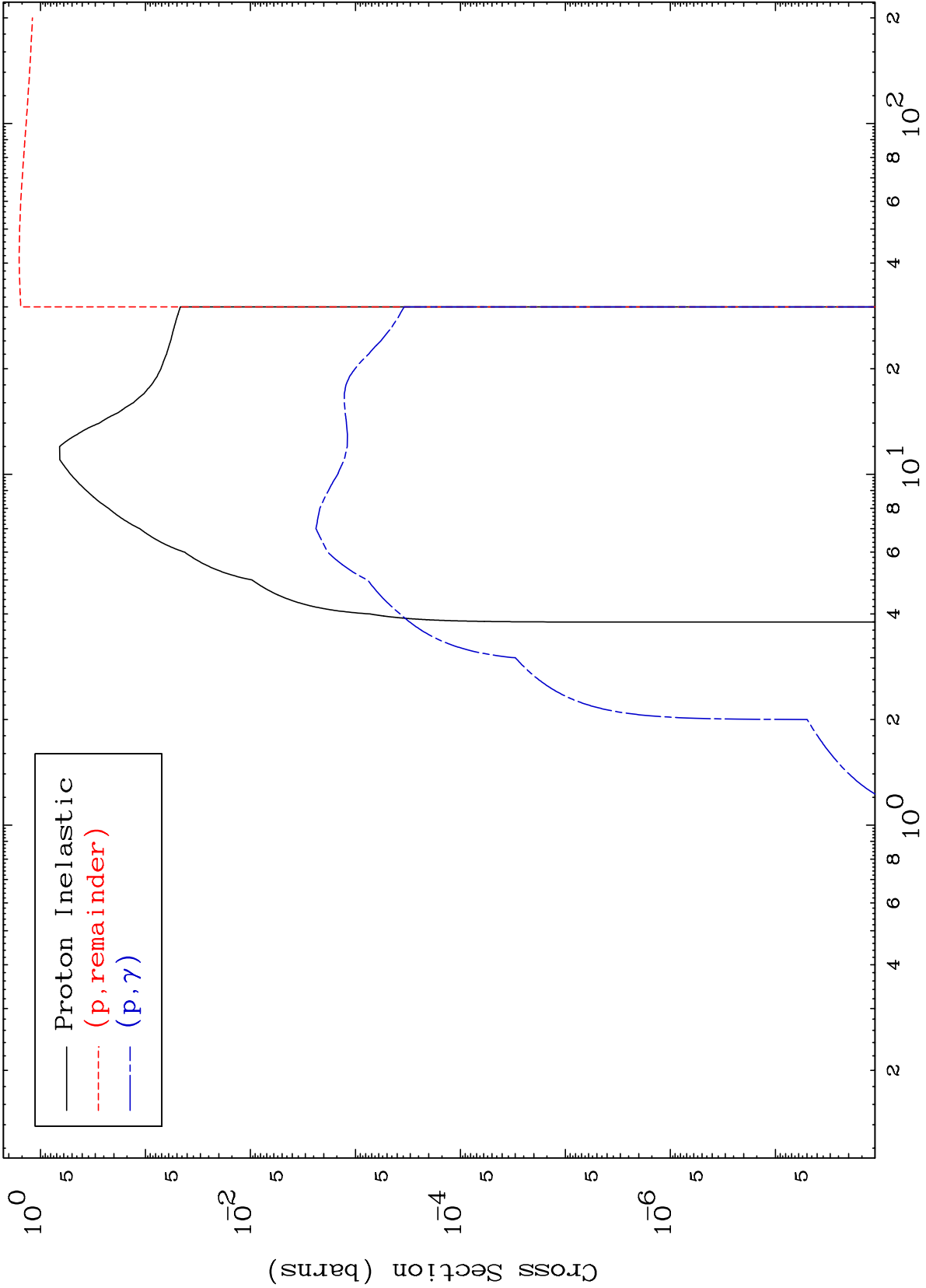
Press Mouse Button to Start

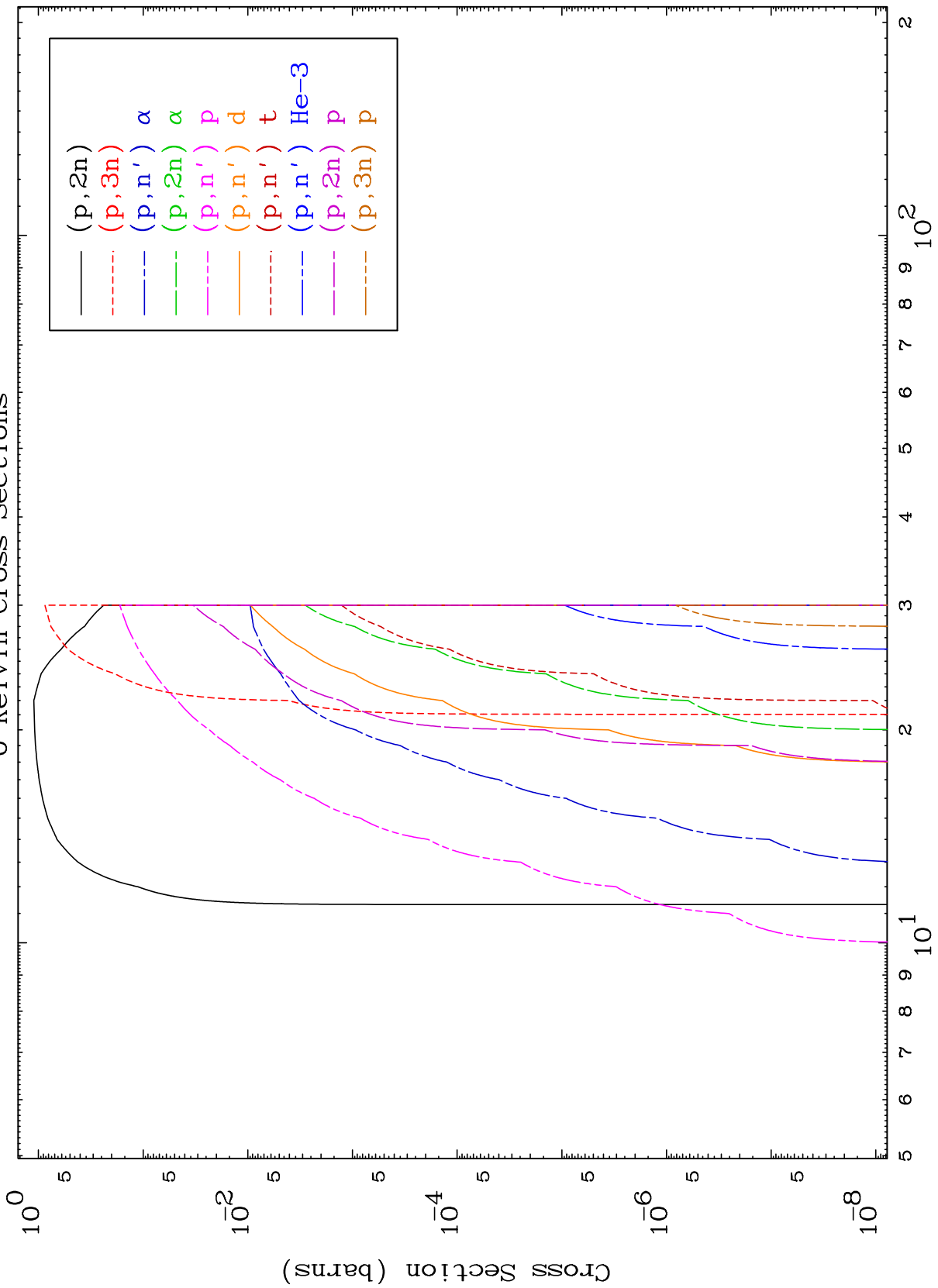
MAT 5443

Proton Major

54-Xe-130

0 Kelvin Cross Sections

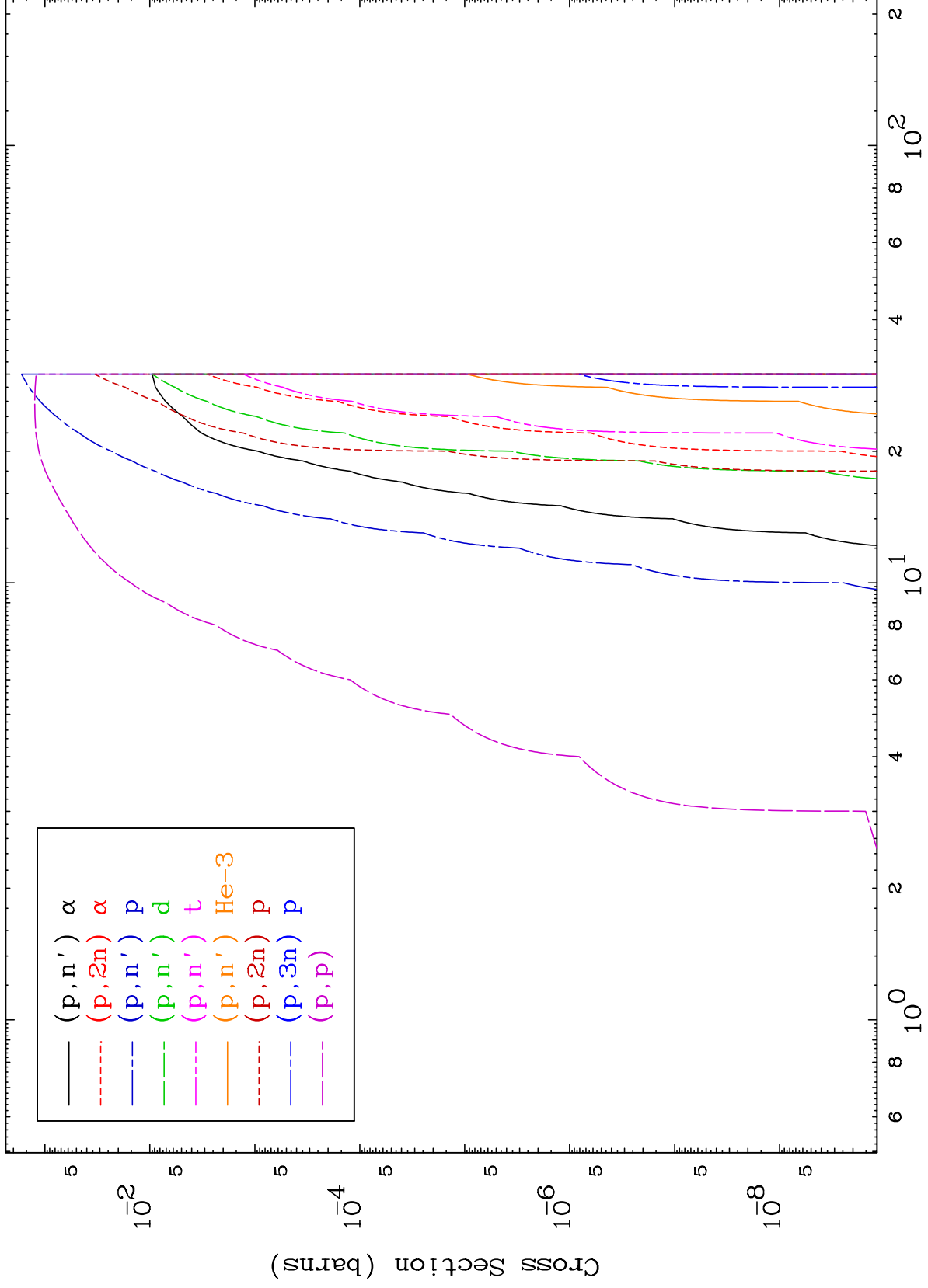




MAT 5443

Proton Charged Particle  
0 Kelvin Cross Sections

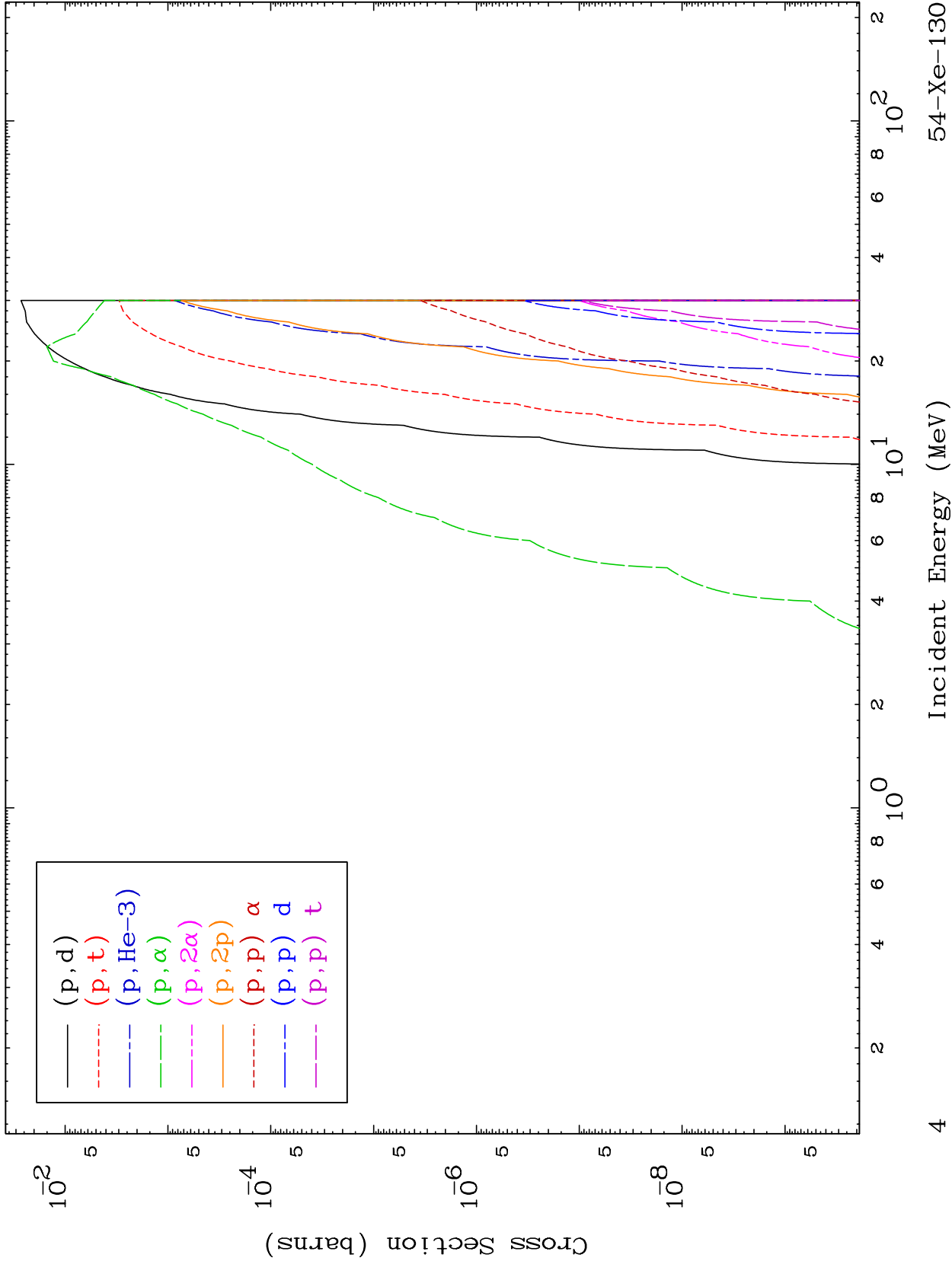
54-Xe-130



MAT 5443

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-130

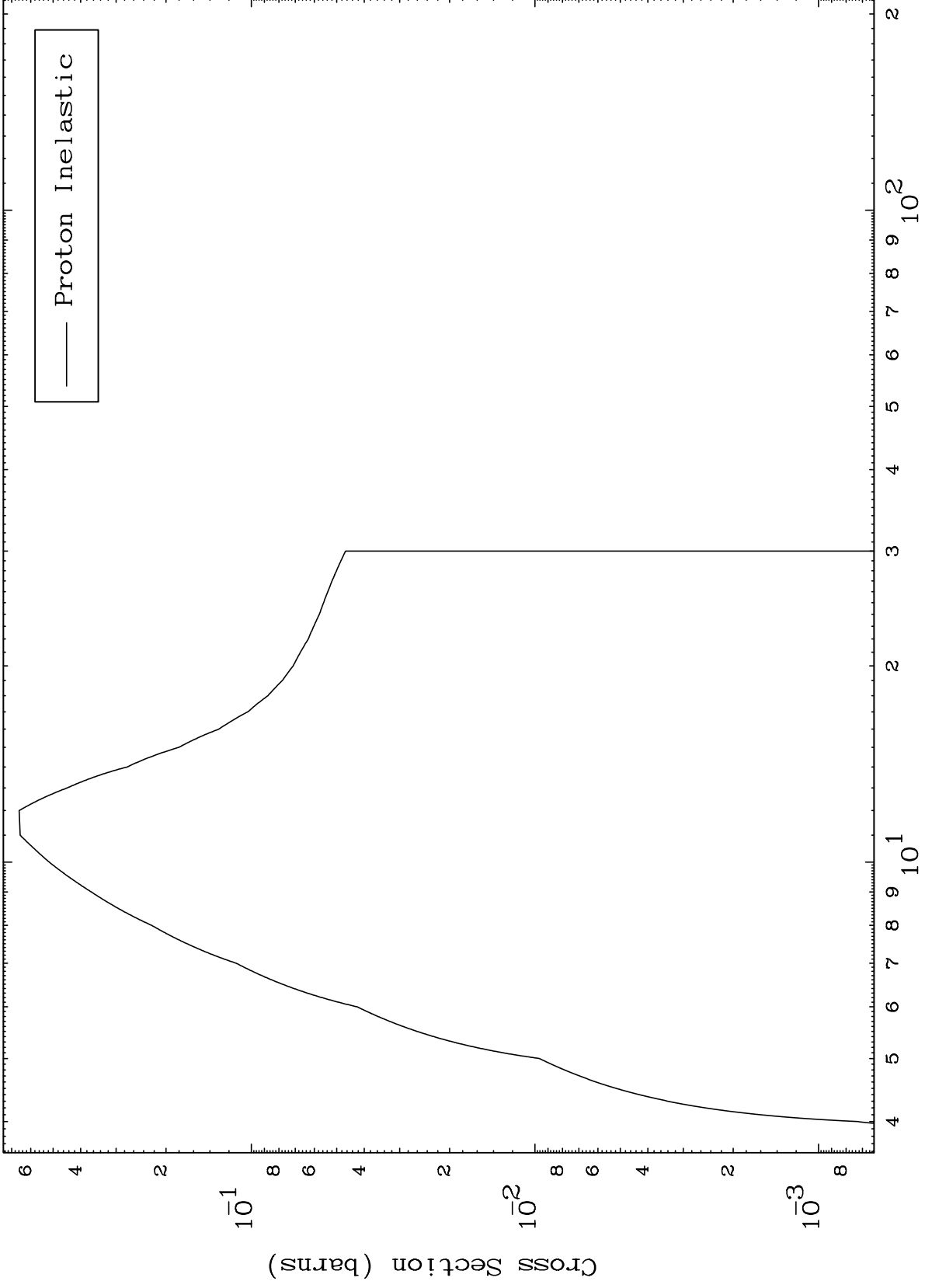


MAT 5443

(p,n') Level

54-Xe-130

0 Kelvin Cross Sections



5

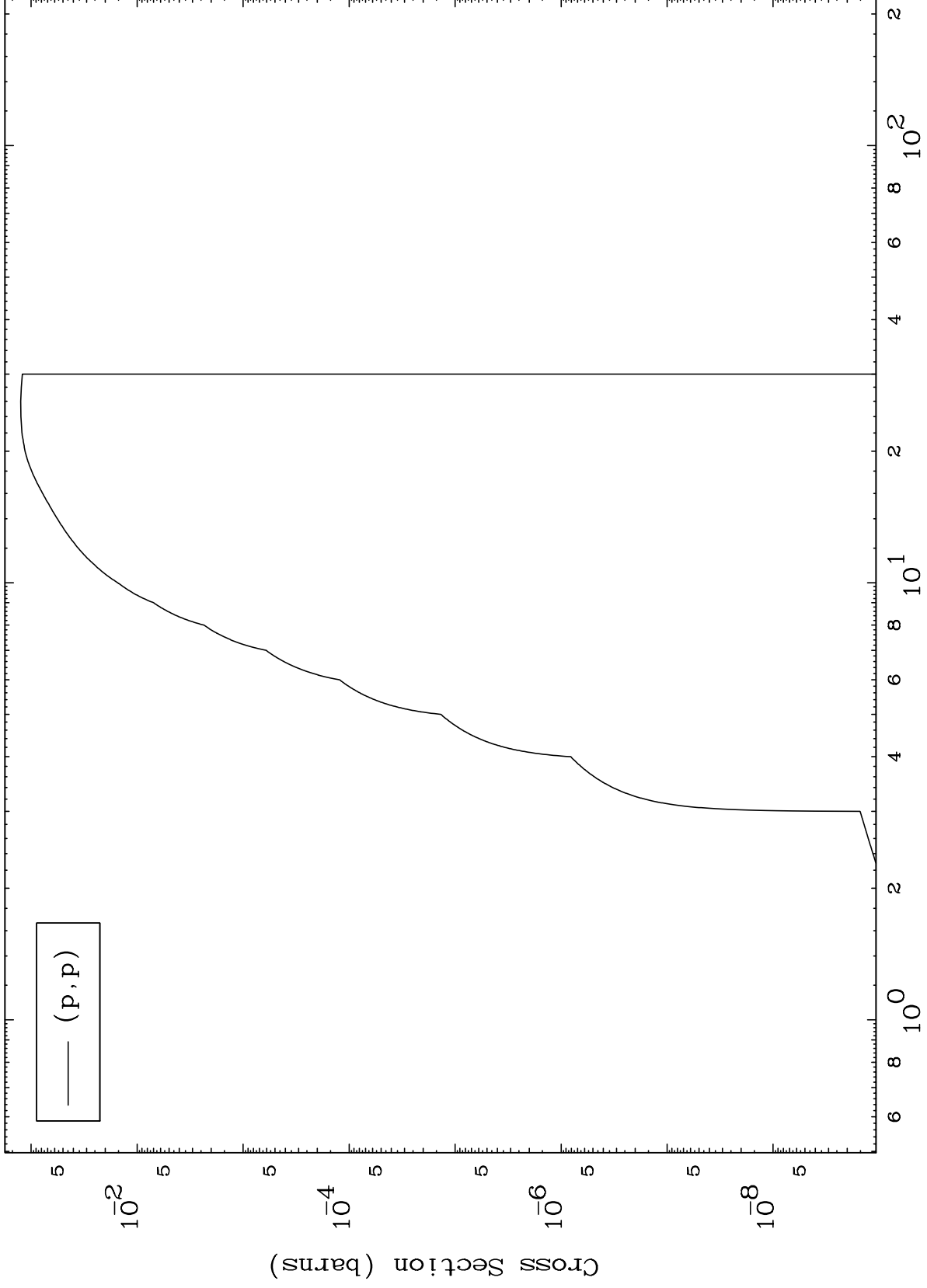
Incident Energy (MeV)

54-Xe-130

MAT 5443

(p,p) Levels  
0 Kelvin Cross Sections

54-Xe-130



6

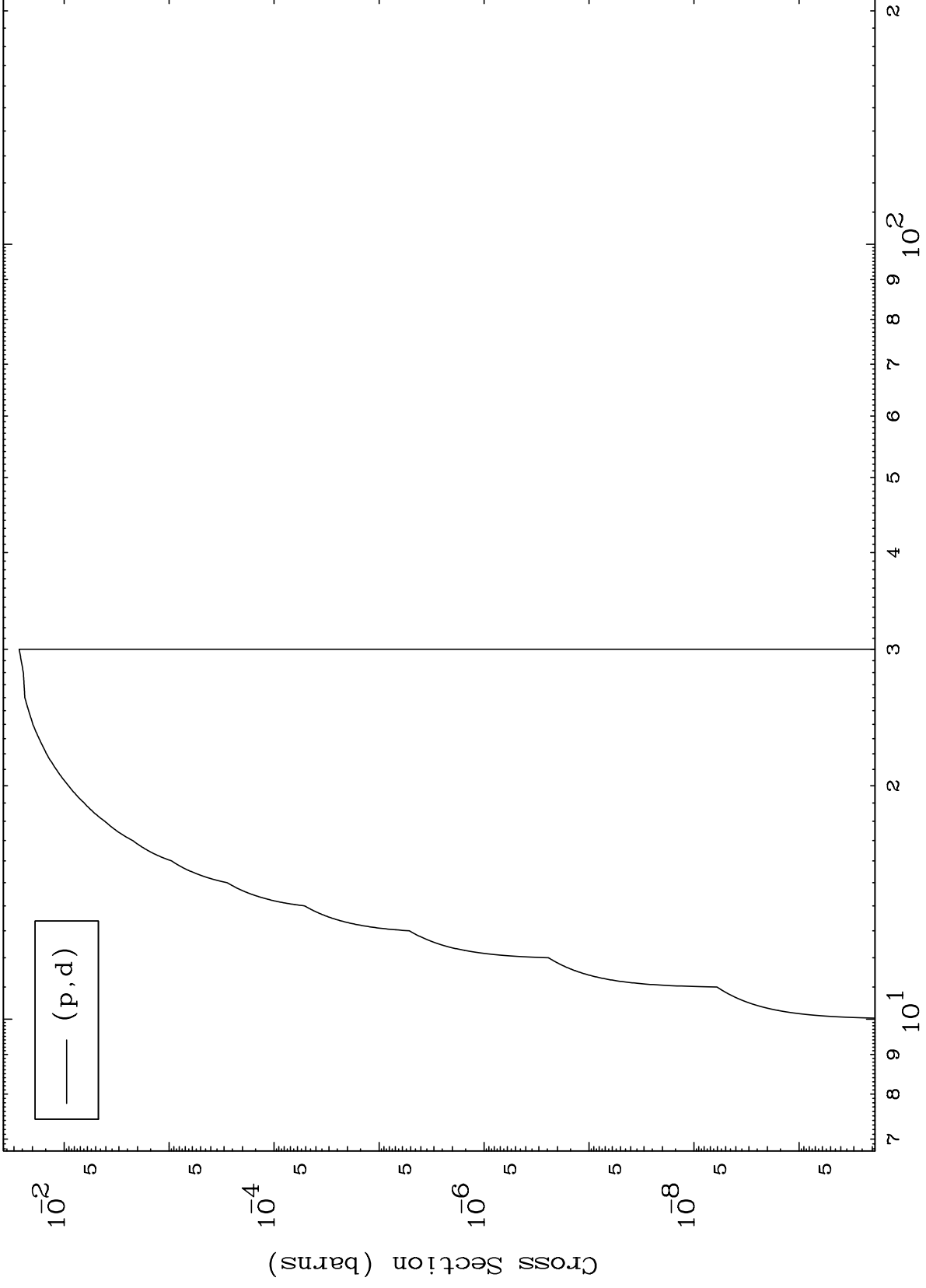
Incident Energy (MeV)

54-Xe-130

MAT 5443

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-130



7

Incident Energy (MeV)

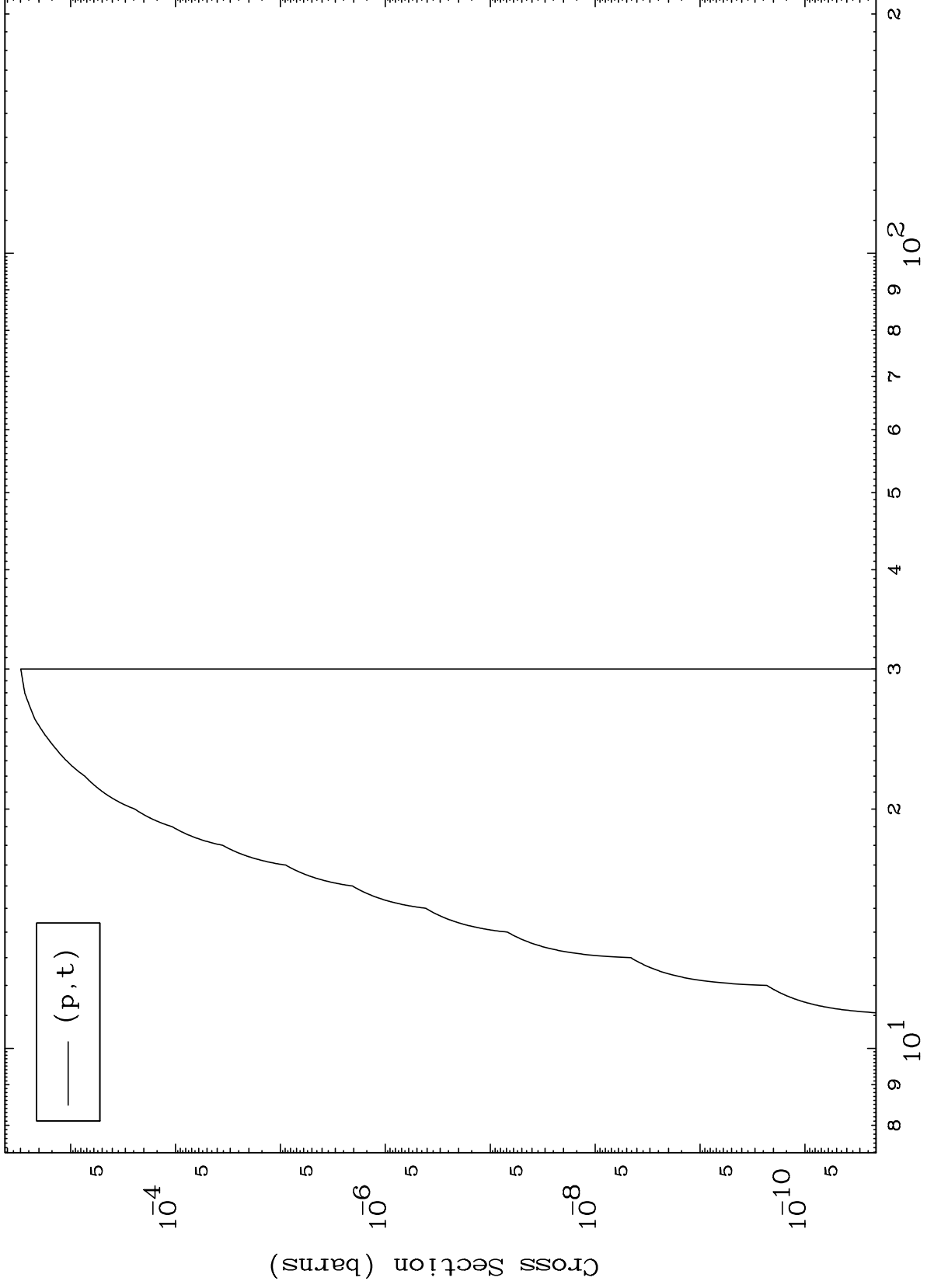
54-Xe-130



MAT 5443

(p,t) Levels  
0 Kelvin Cross Sections

54-Xe-130



8

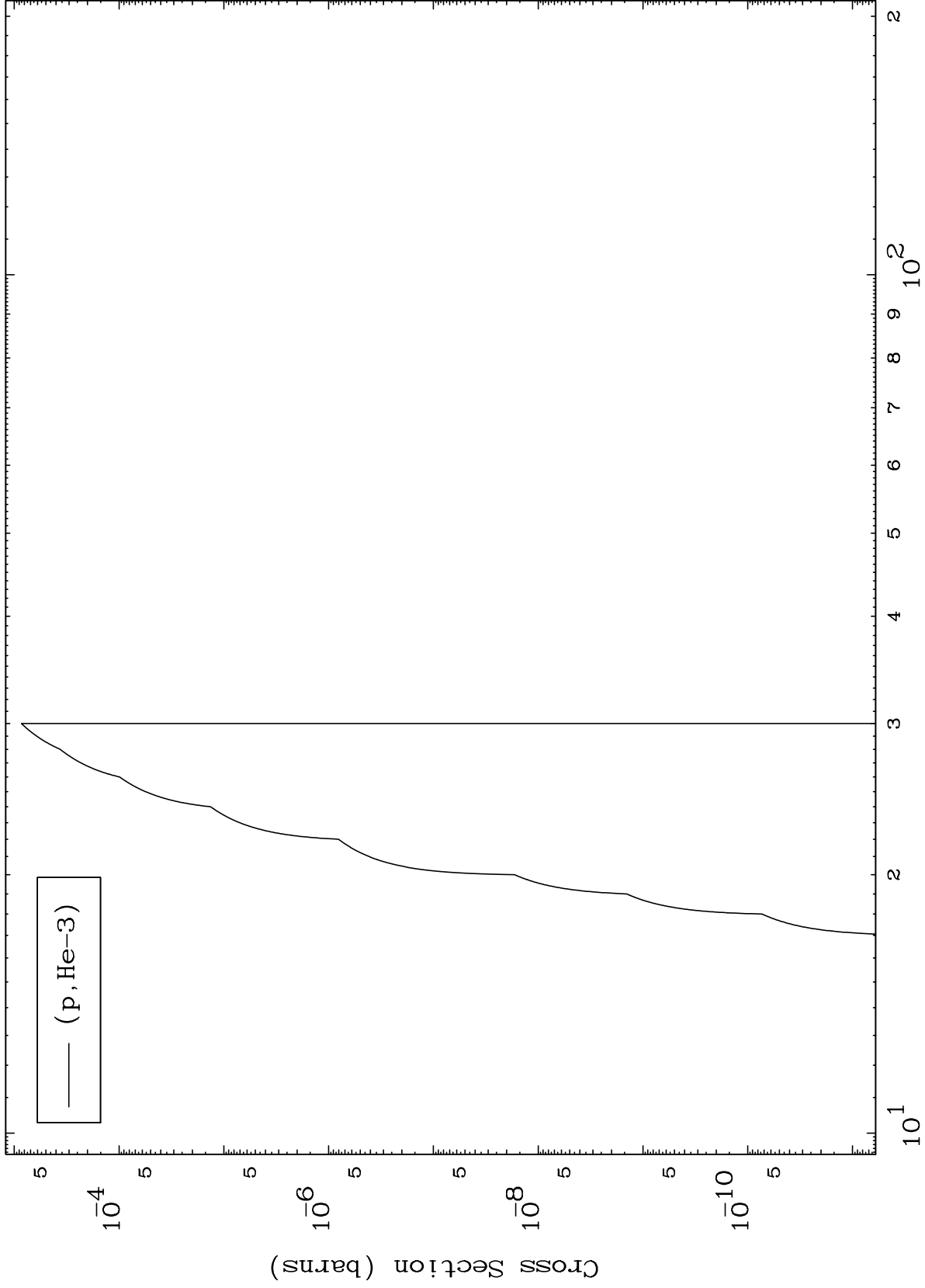
Incident Energy (MeV)

54-Xe-130

MAT 5443

(p,He3) Levels  
0 Kelvin Cross Sections

54-Xe-130



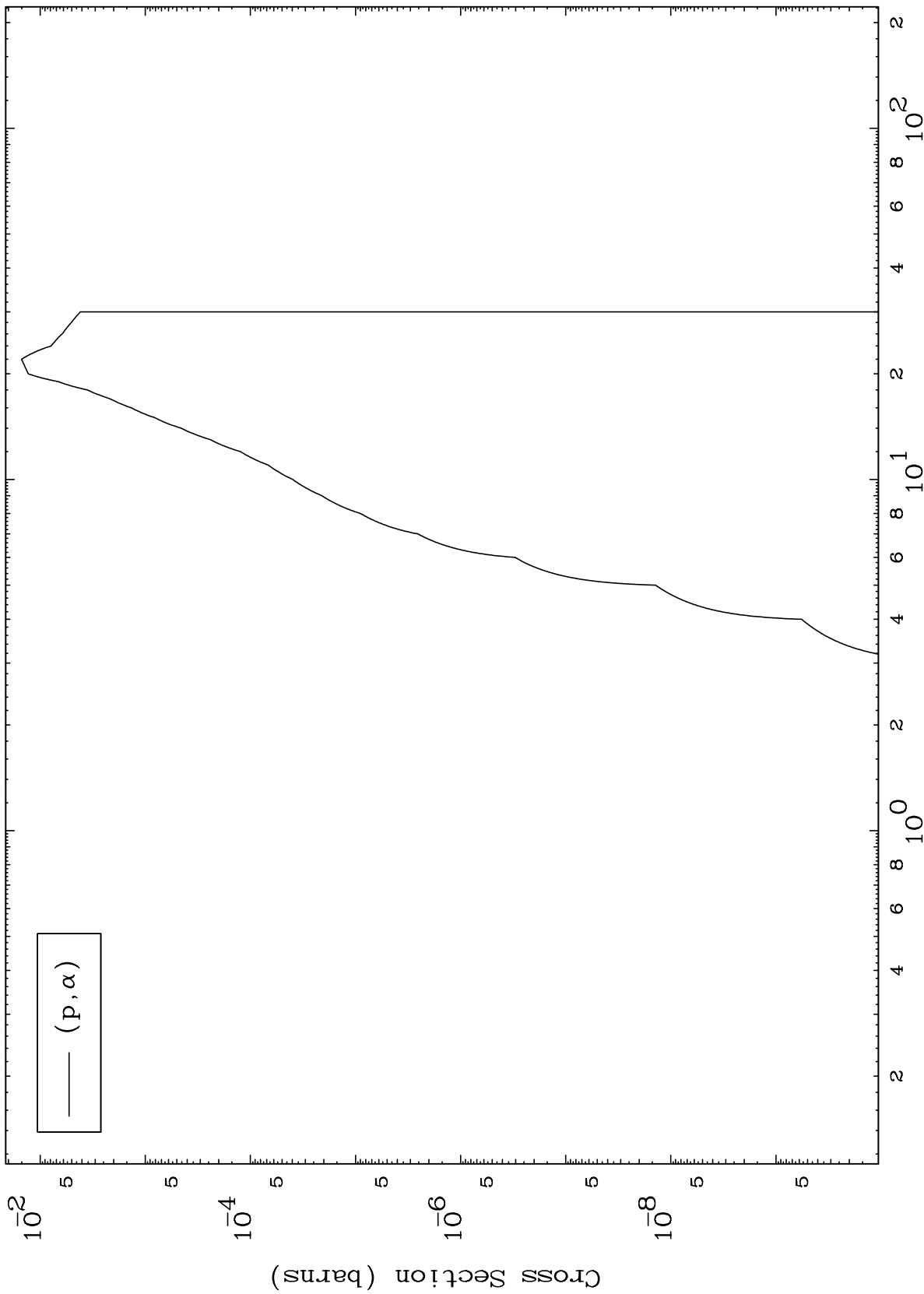
54-Xe-130

Incident Energy (MeV)

MAT 5443

54-Xe-130

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



54-Xe-130

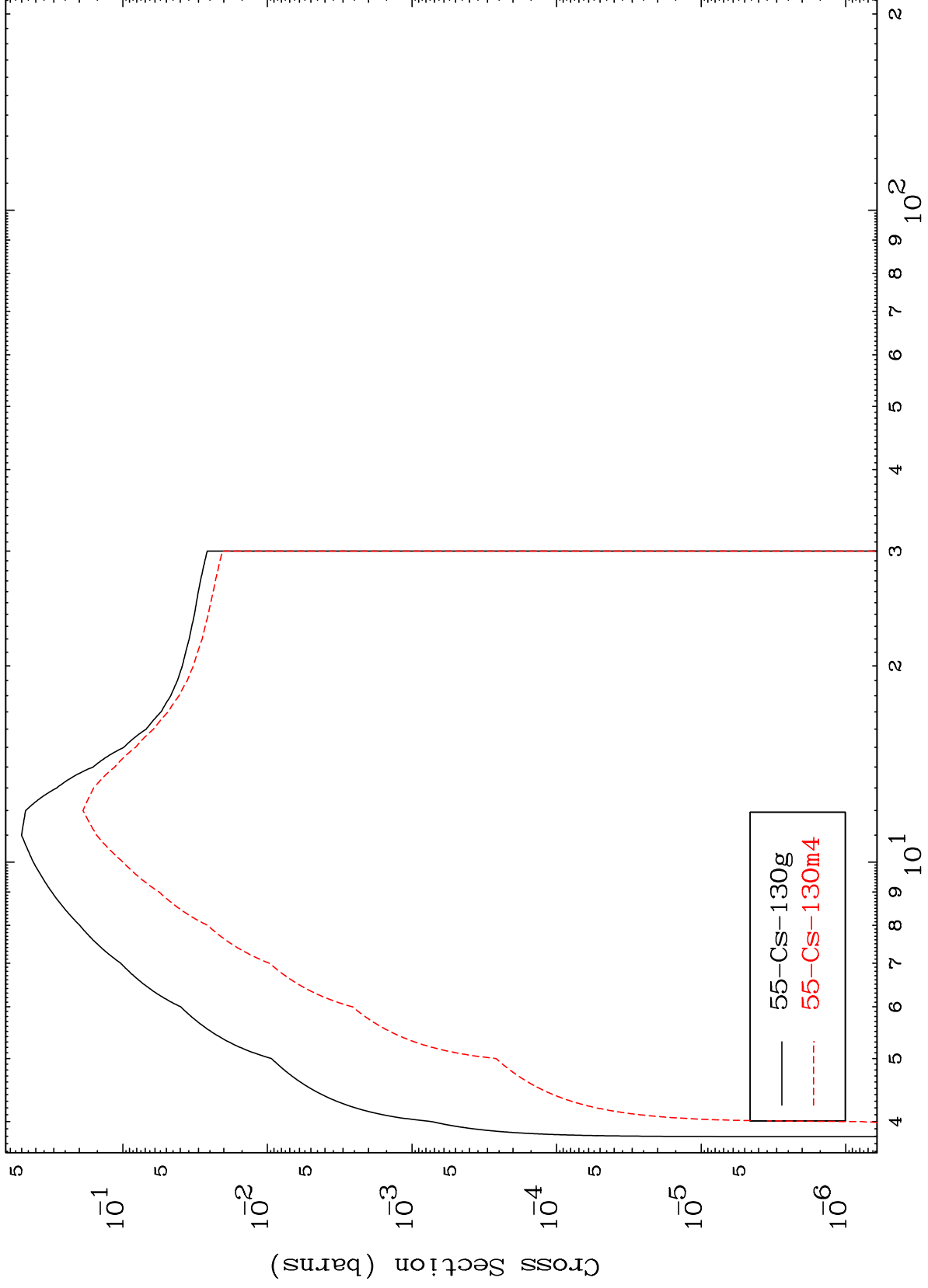
Incident Energy (MeV)

10

MAT 5443

Proton Inelastic  
Radionuclide Production Cross Section

54-Xe-130



11

Incident Energy (MeV)

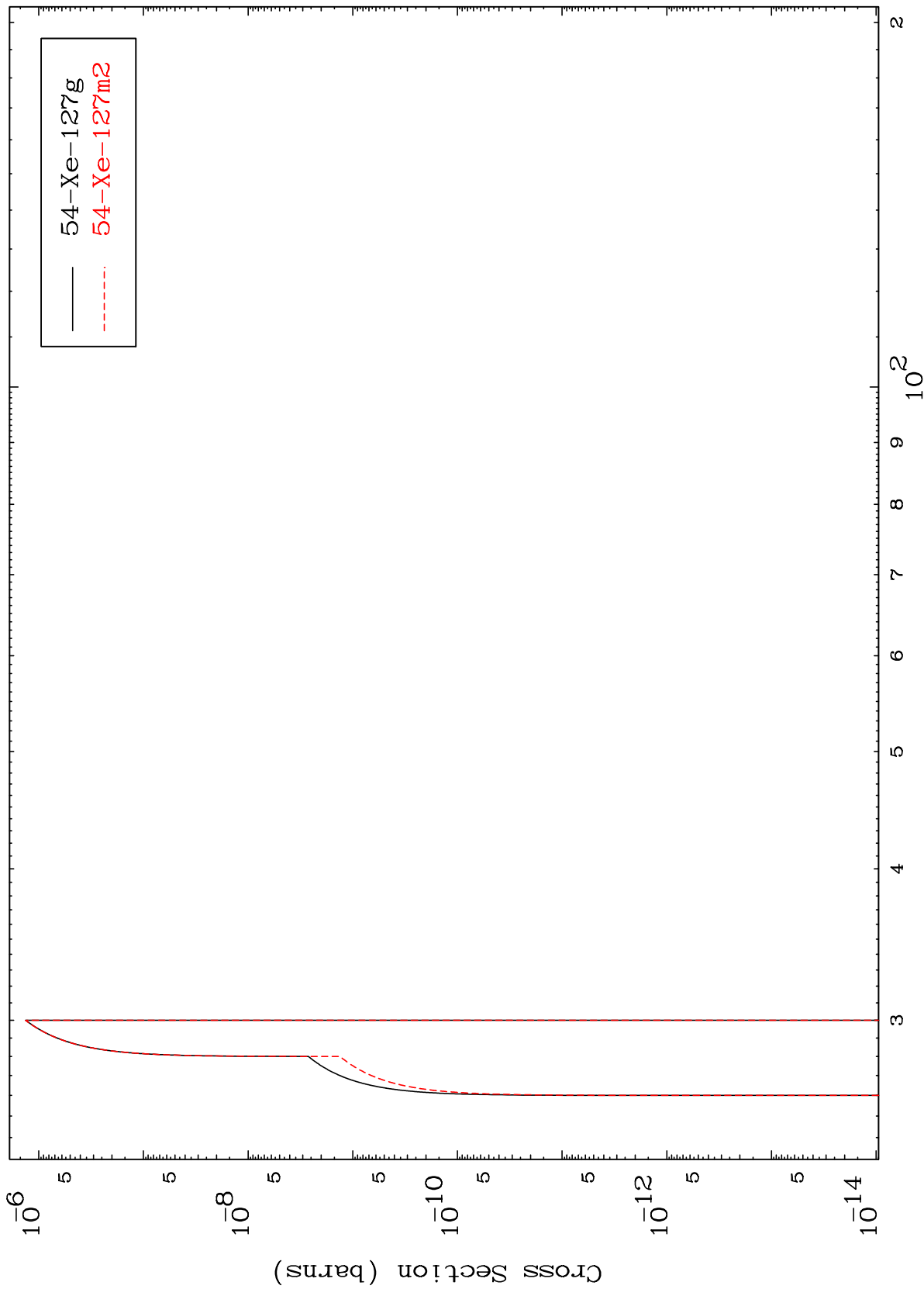
54-Xe-130

MAT 5443

(p,2n) d

54-Xe-130

Radionuclide Production Cross Section



54-Xe-127g  
54-Xe-127m2

12

Incident Energy (MeV)

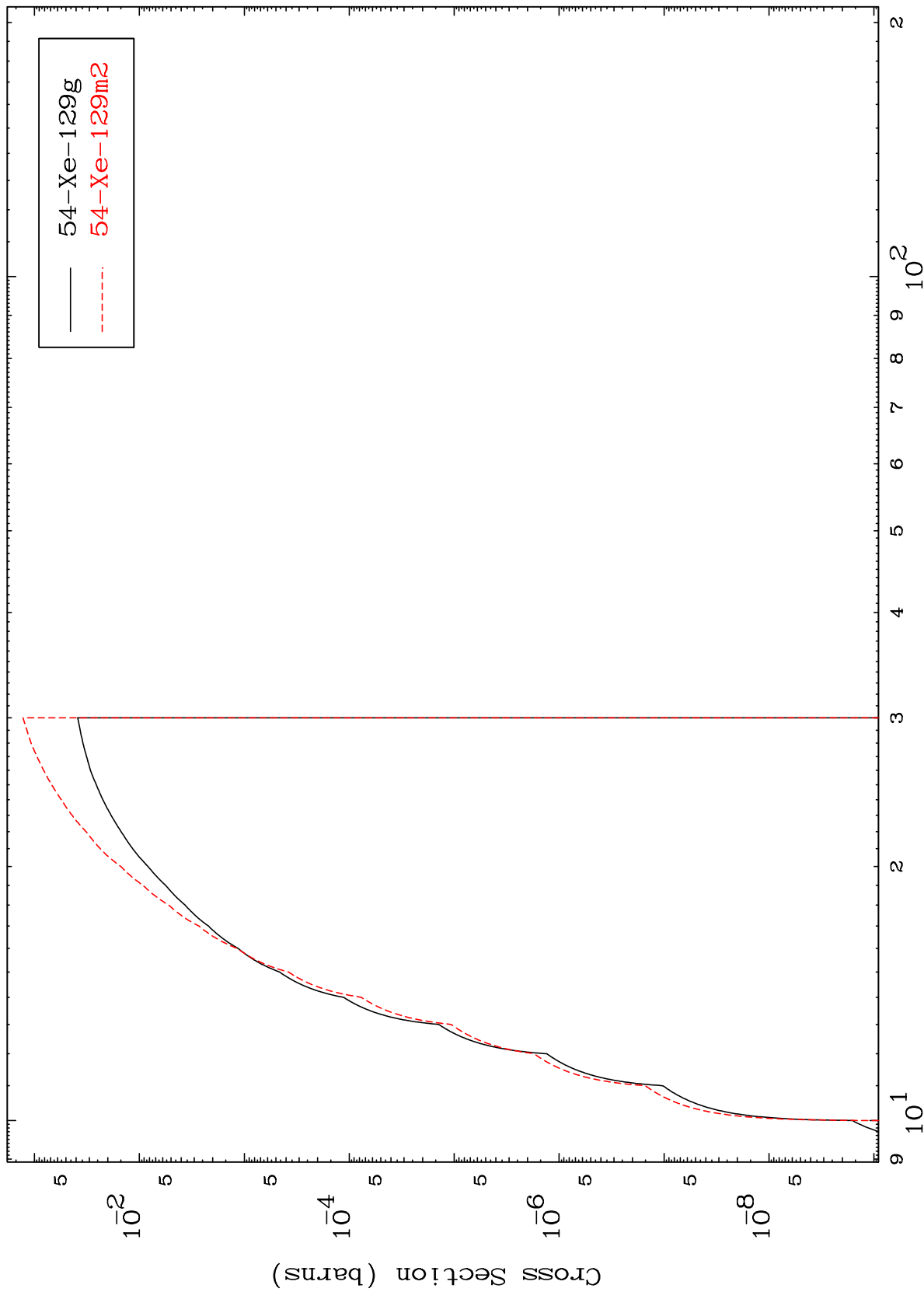
54-Xe-130

MAT 5443

(p,n') p

54-Xe-130

Radionuclide Production Cross Section



13

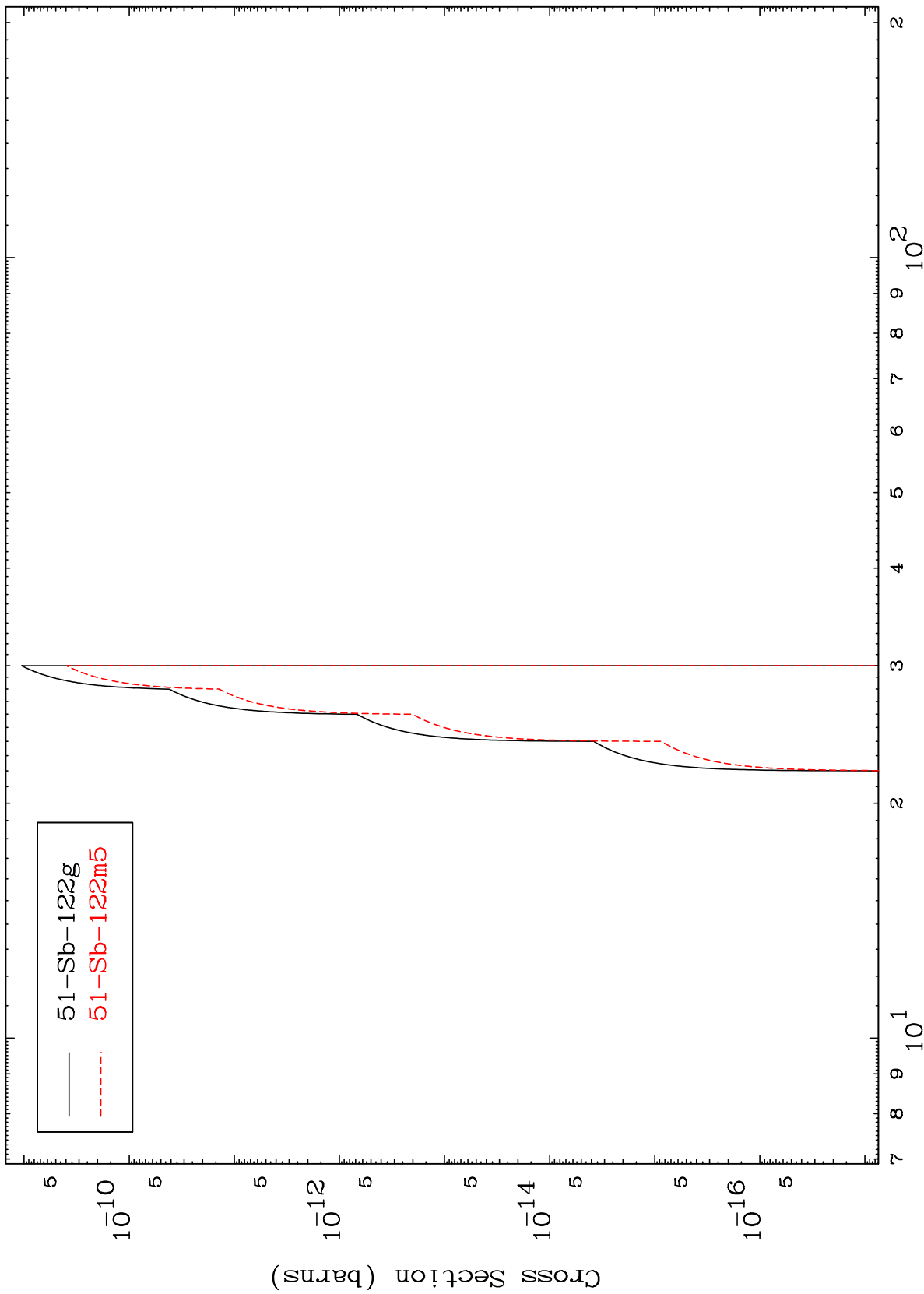
Incident Energy (MeV)

54-Xe-130

MAT 5443

54-Xe-130

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



54-Xe-130

Incident Energy (MeV)

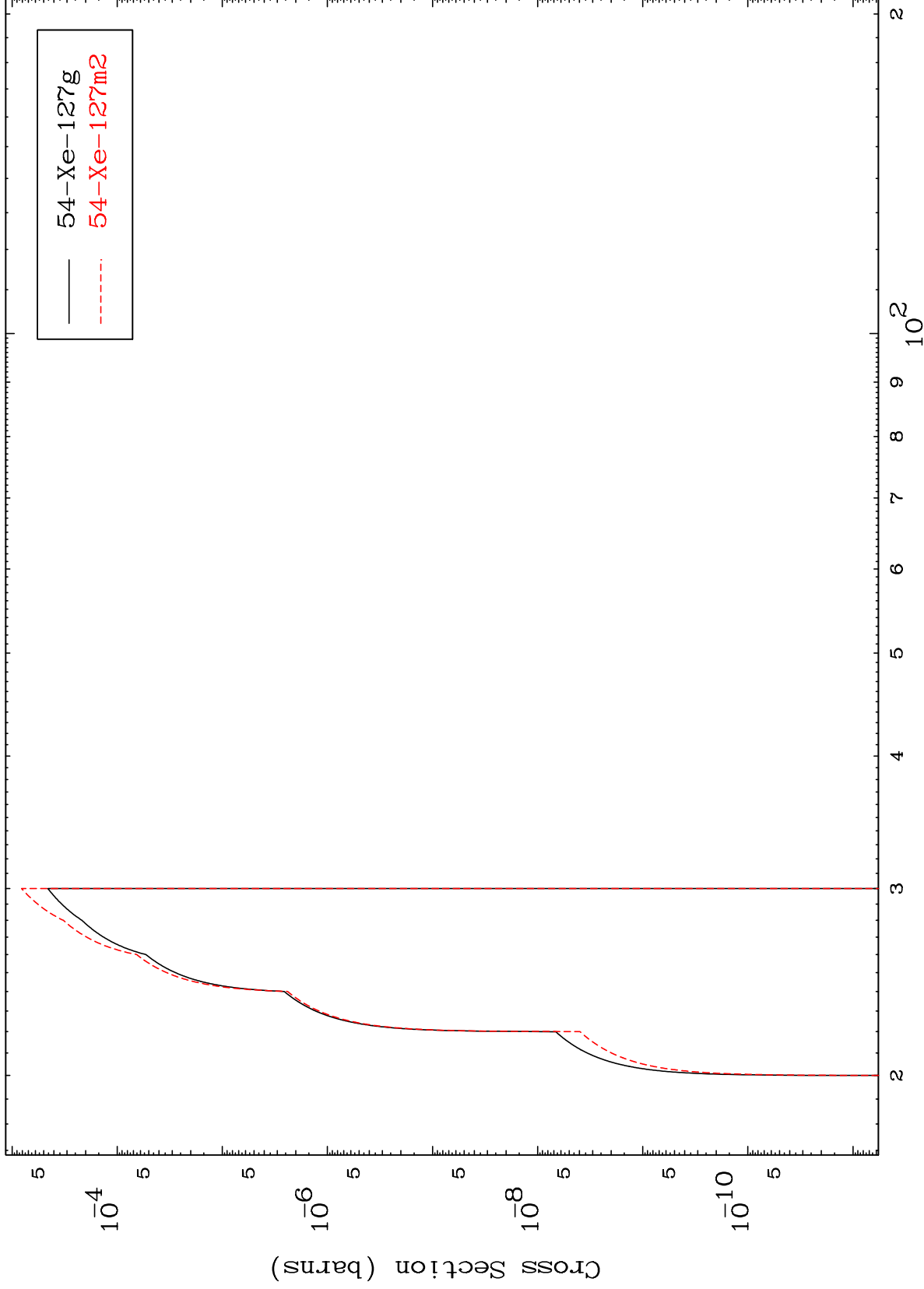
14

MAT 5443

(p,n') t

54-Xe-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-130

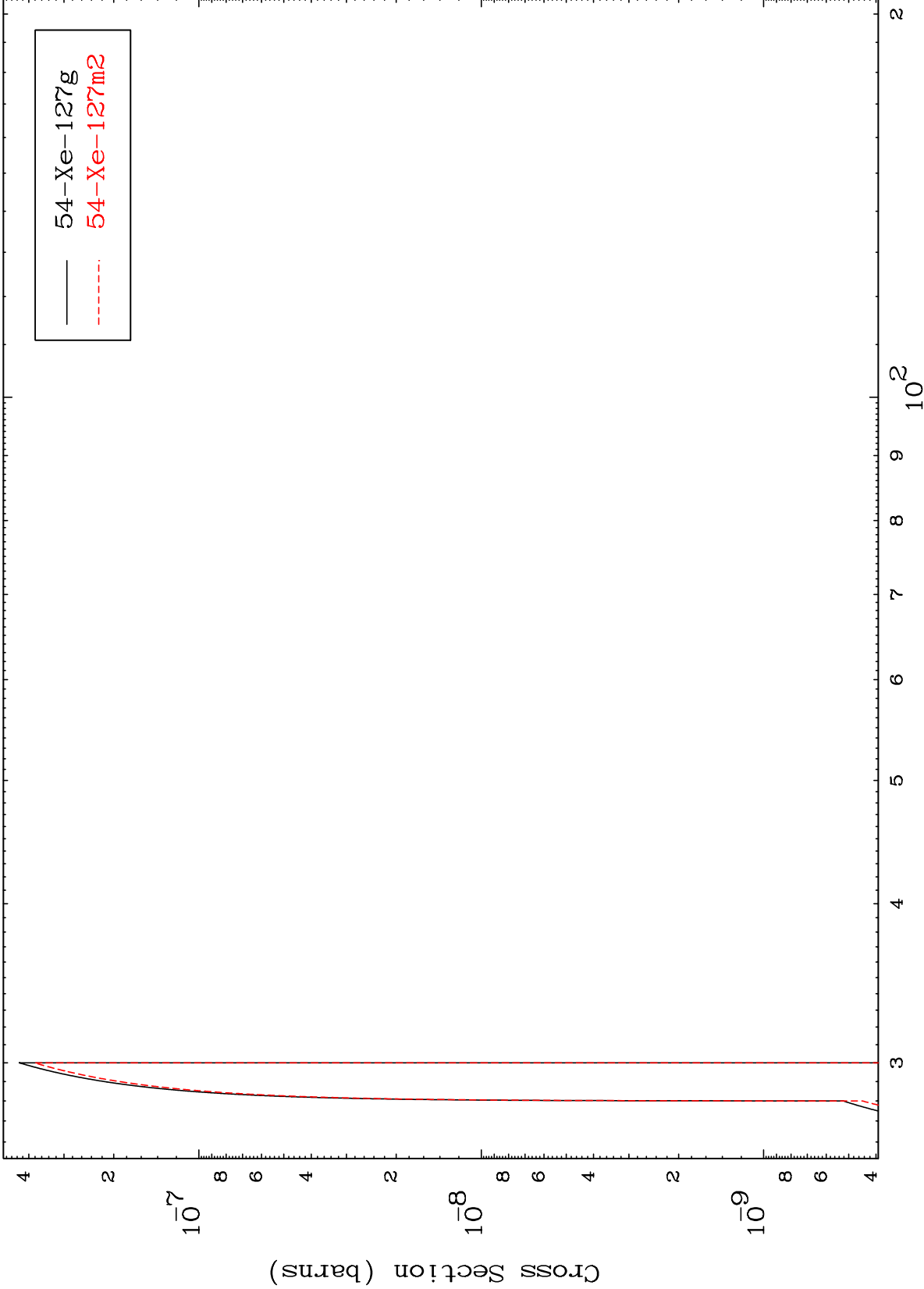


MAT 5443

(p,3n) p

54-Xe-130

Radionuclide Production Cross Section



54-Xe-127g  
54-Xe-127m2

16

Incident Energy (MeV)

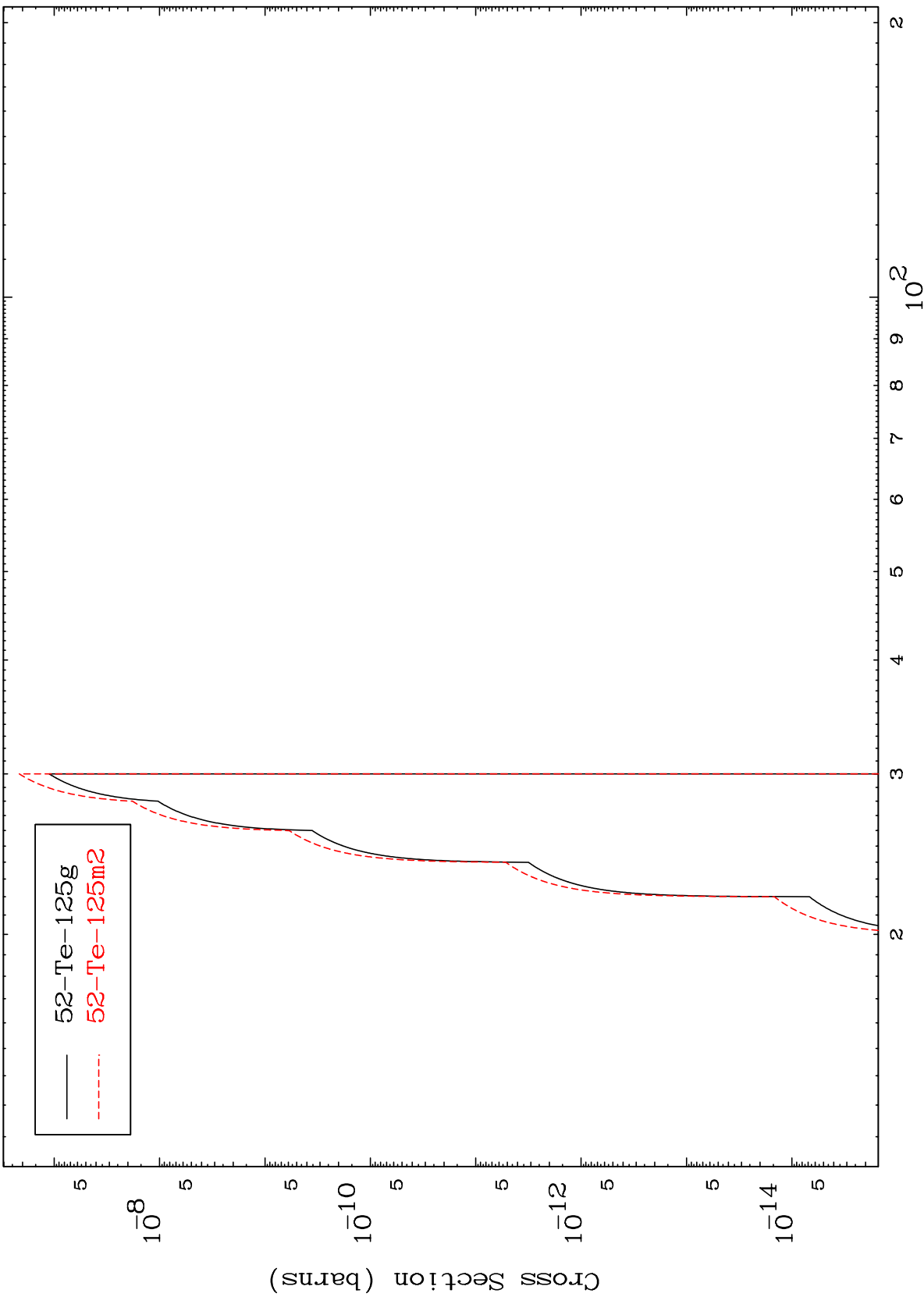
54-Xe-130

MAT 5443

(p,n') p  $\alpha$

54-Xe-130

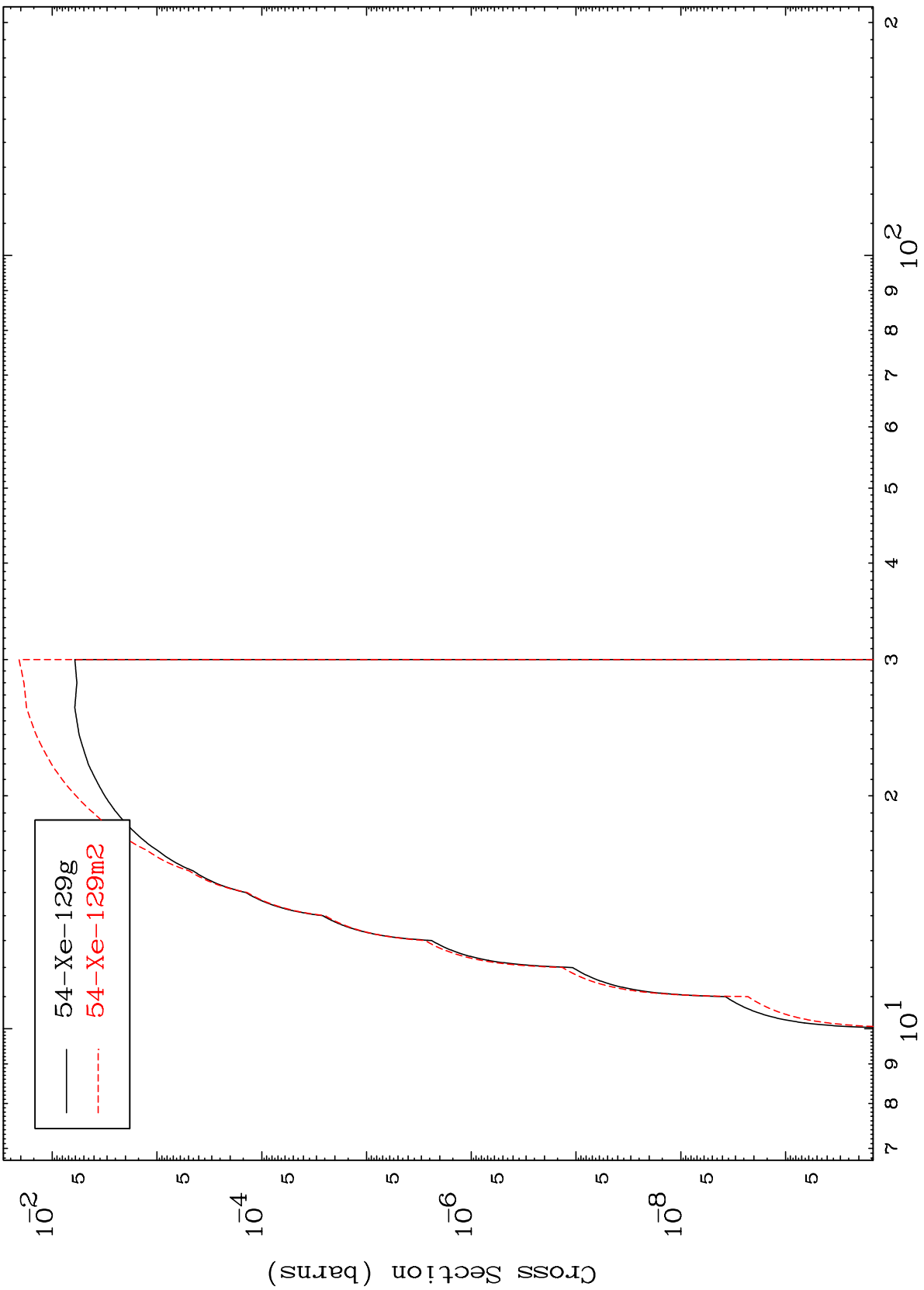
Radionuclide Production Cross Section



MAT 5443

54-Xe-130

(p,d)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-130

MAT 5443

(p,d)  $\alpha$

54-Xe-130

