

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

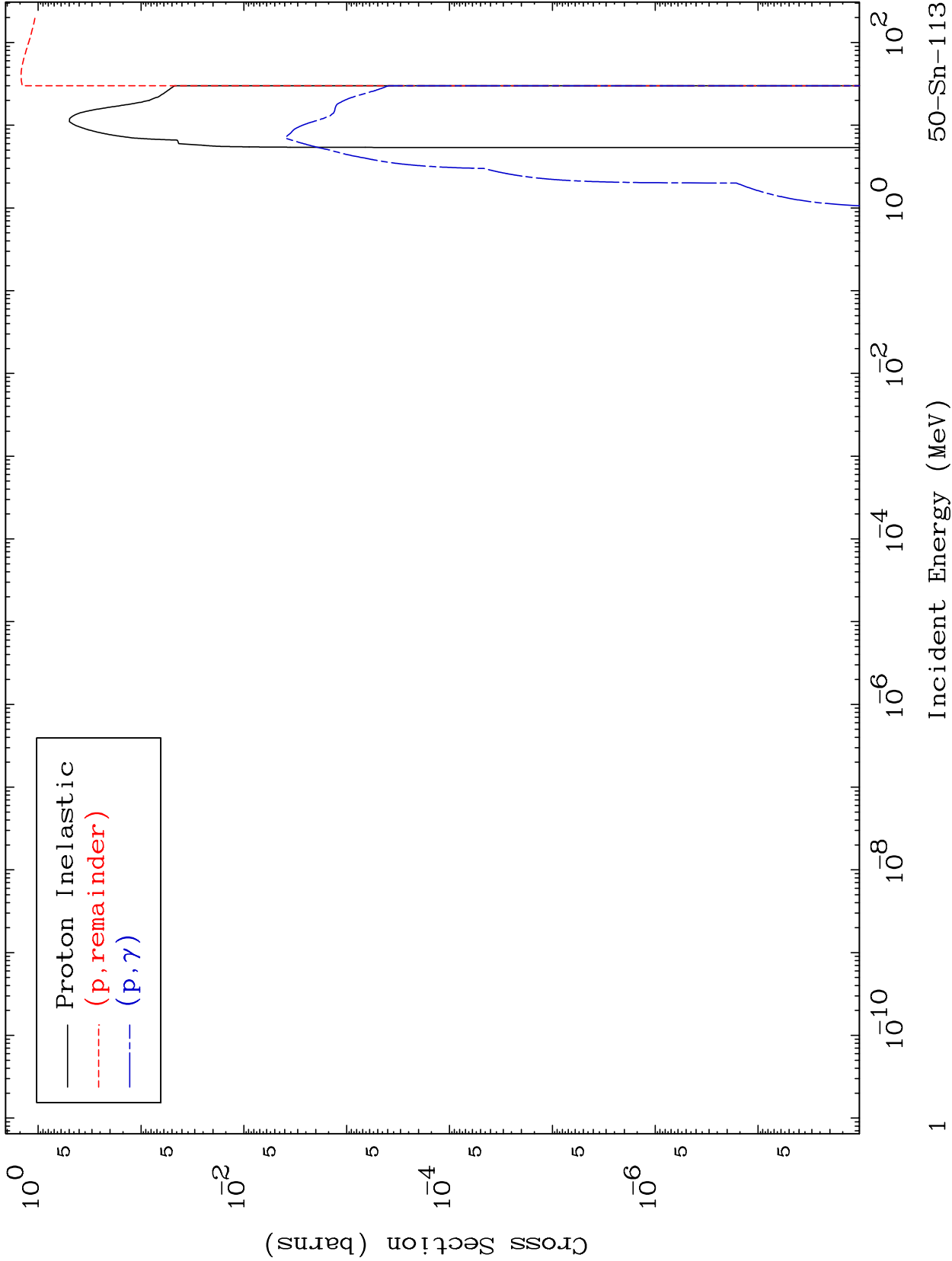
Press Mouse Button to Start

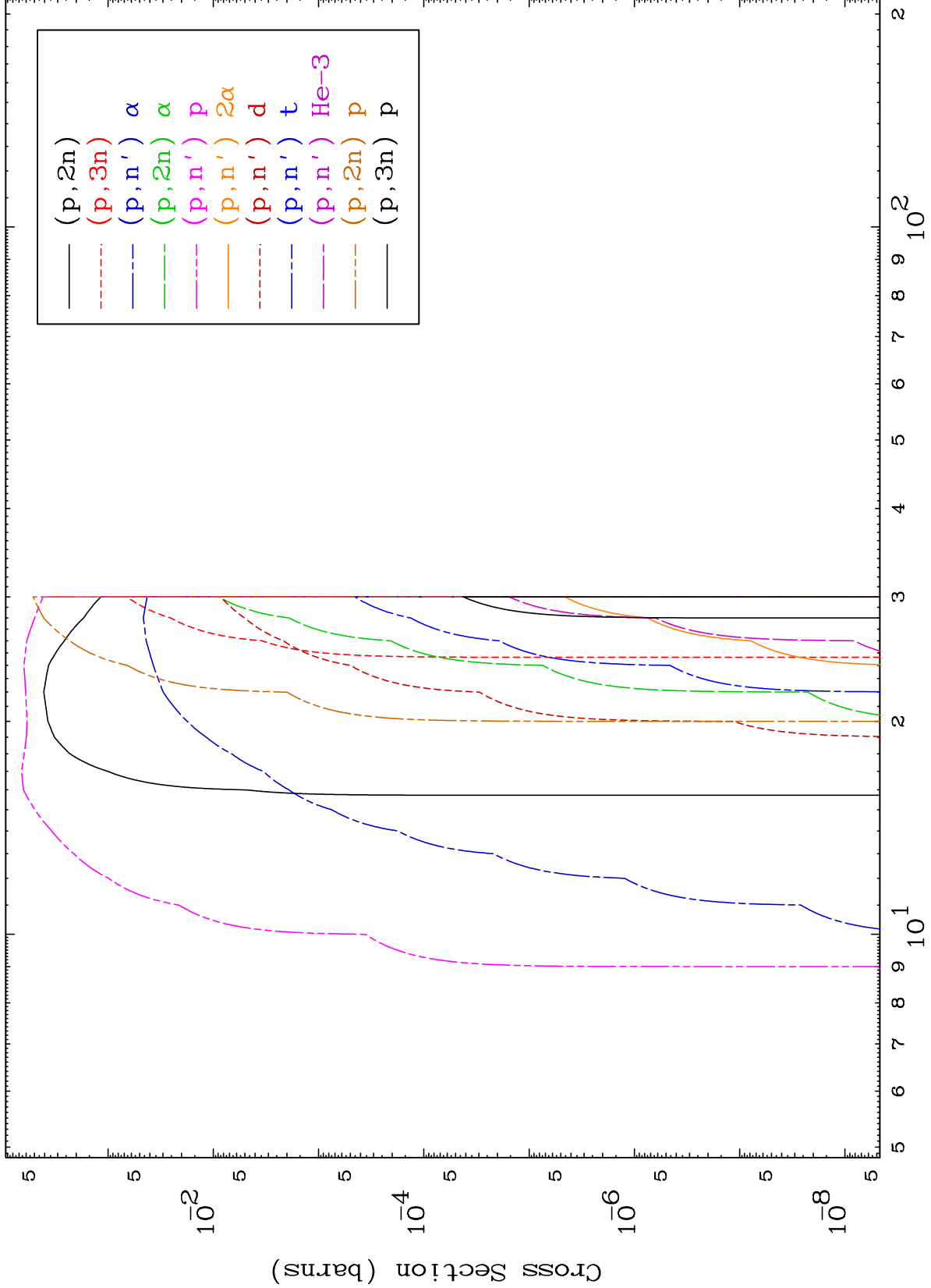
MAT 5028

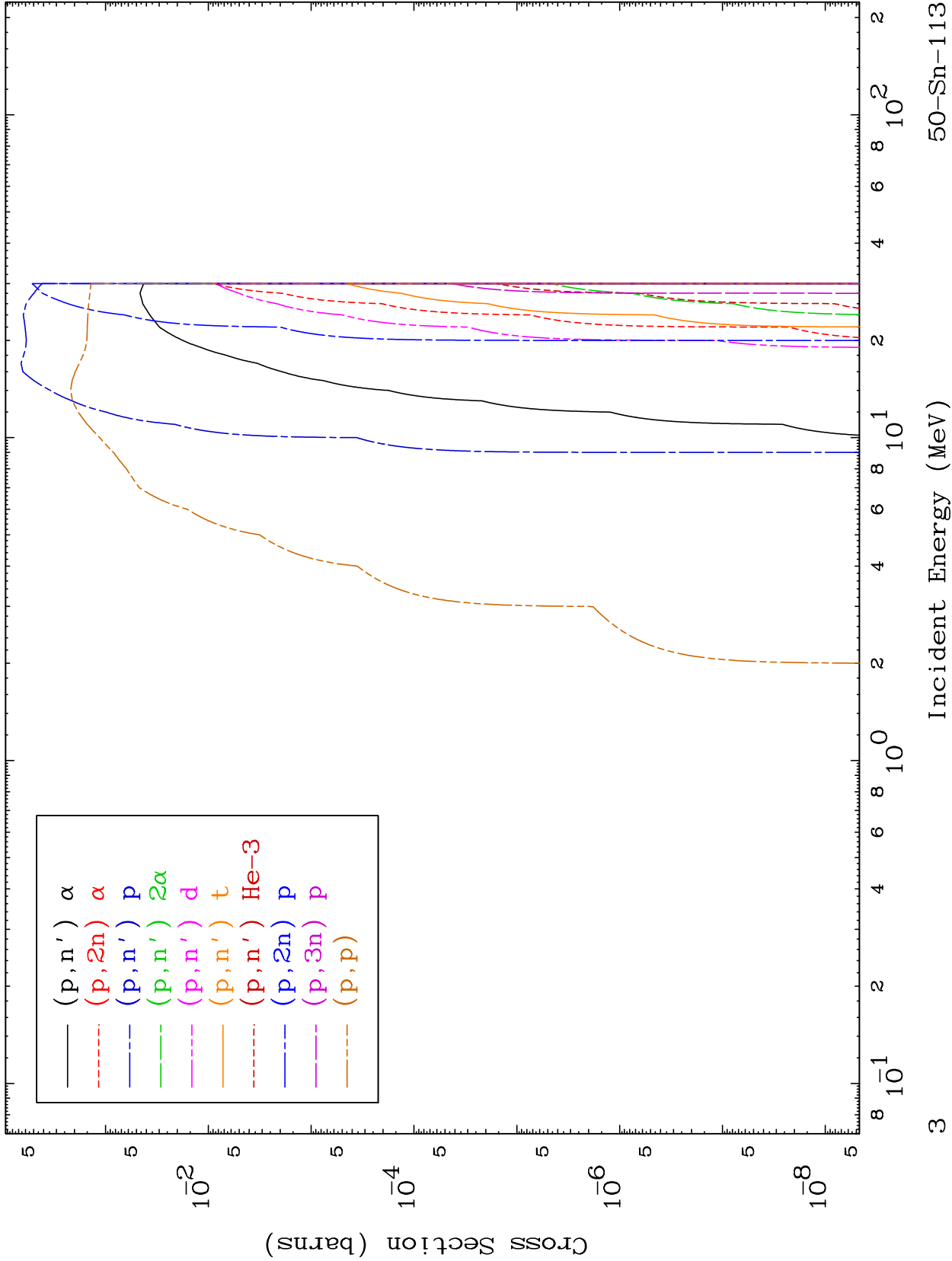
Proton Major

0 Kelvin Cross Sections

50-Sn-113



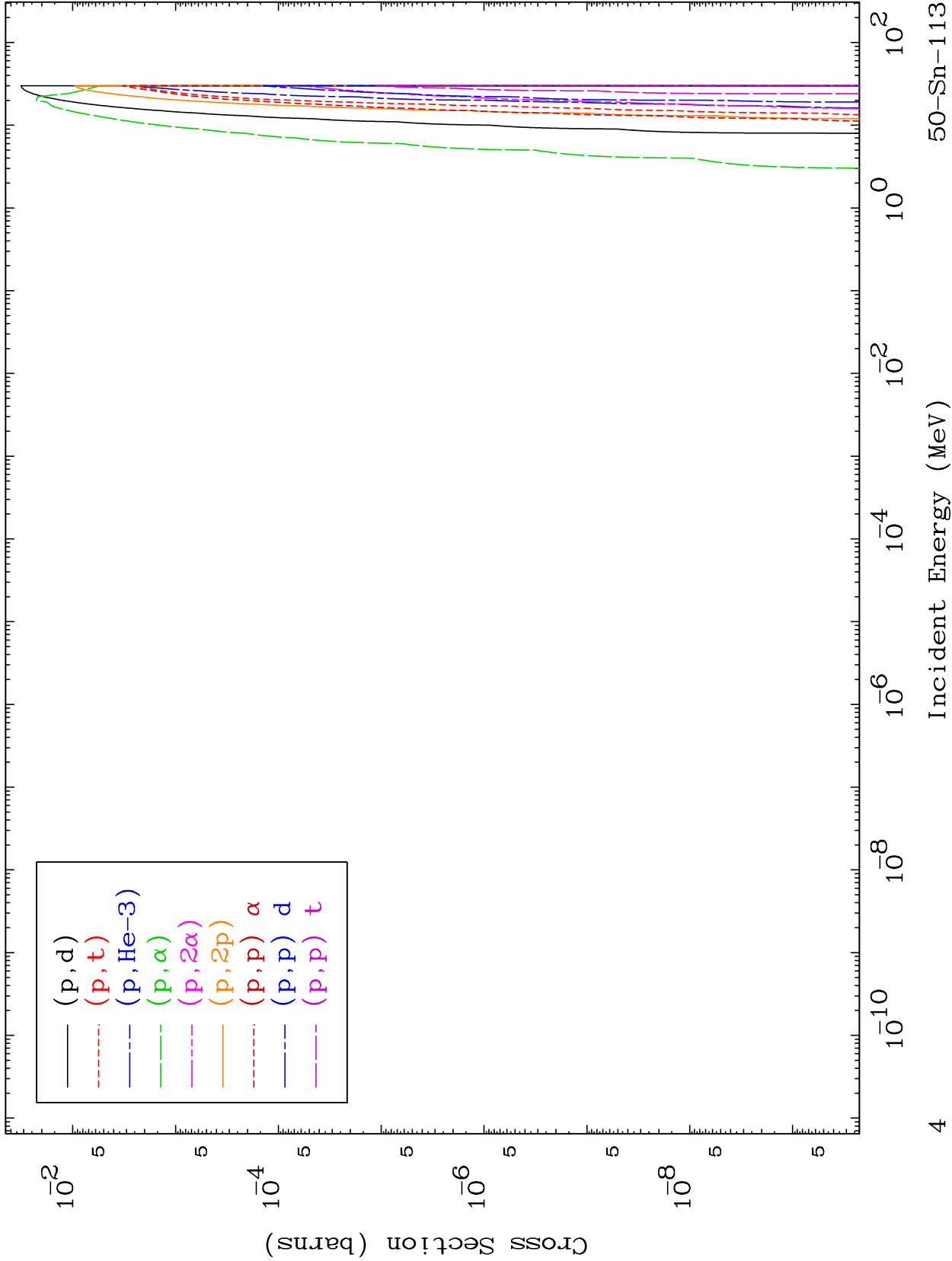




MAT 5028

Proton Charged Particle  
0 Kelvin Cross Sections

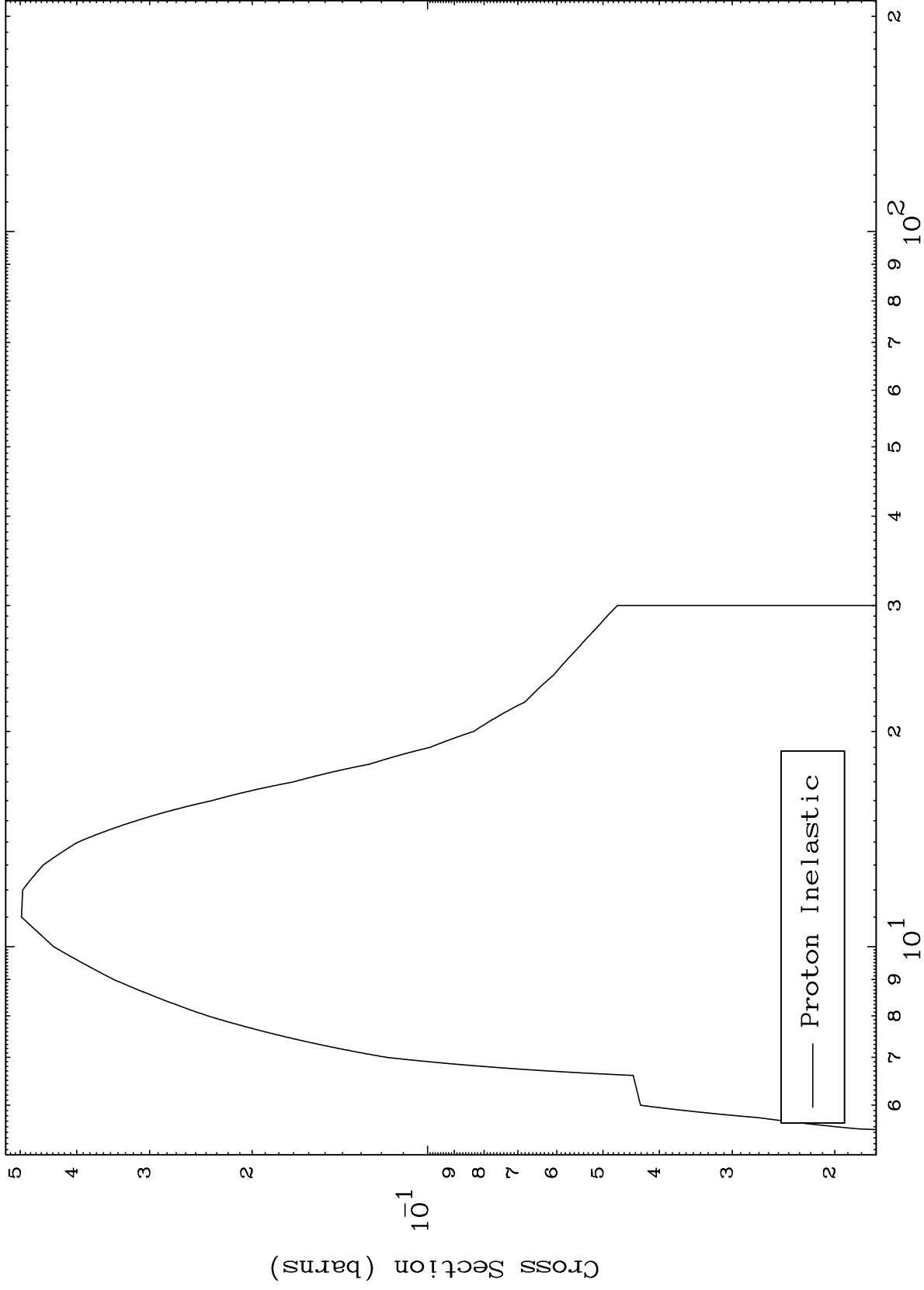
50-Sn-113



MAT 5028

(p,n') Level  
0 Kelvin Cross Sections

50-Sn-113



— Proton Inelastic

5

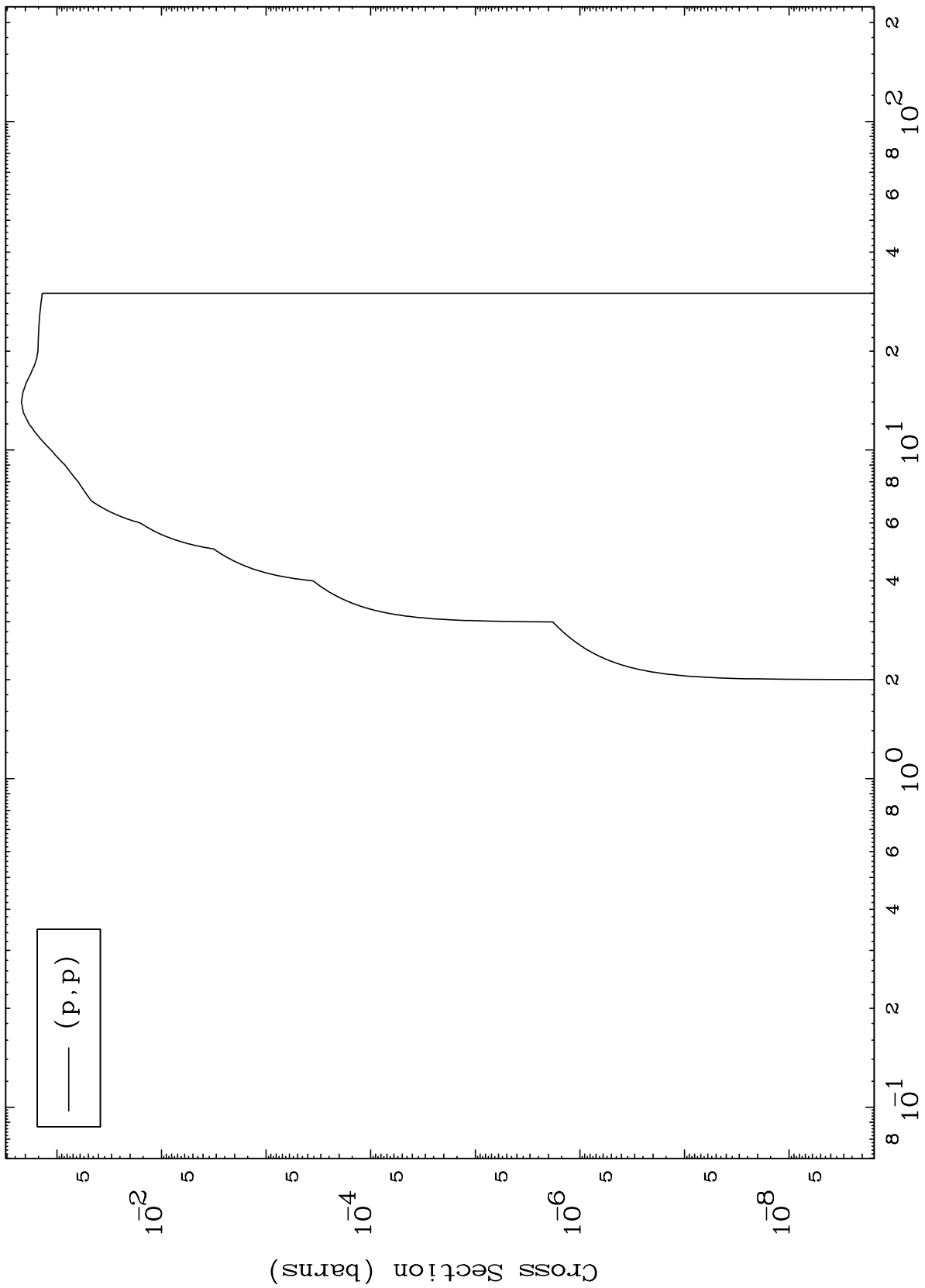
Incident Energy (MeV)

50-Sn-113

MAT 5028

50-Sn-113

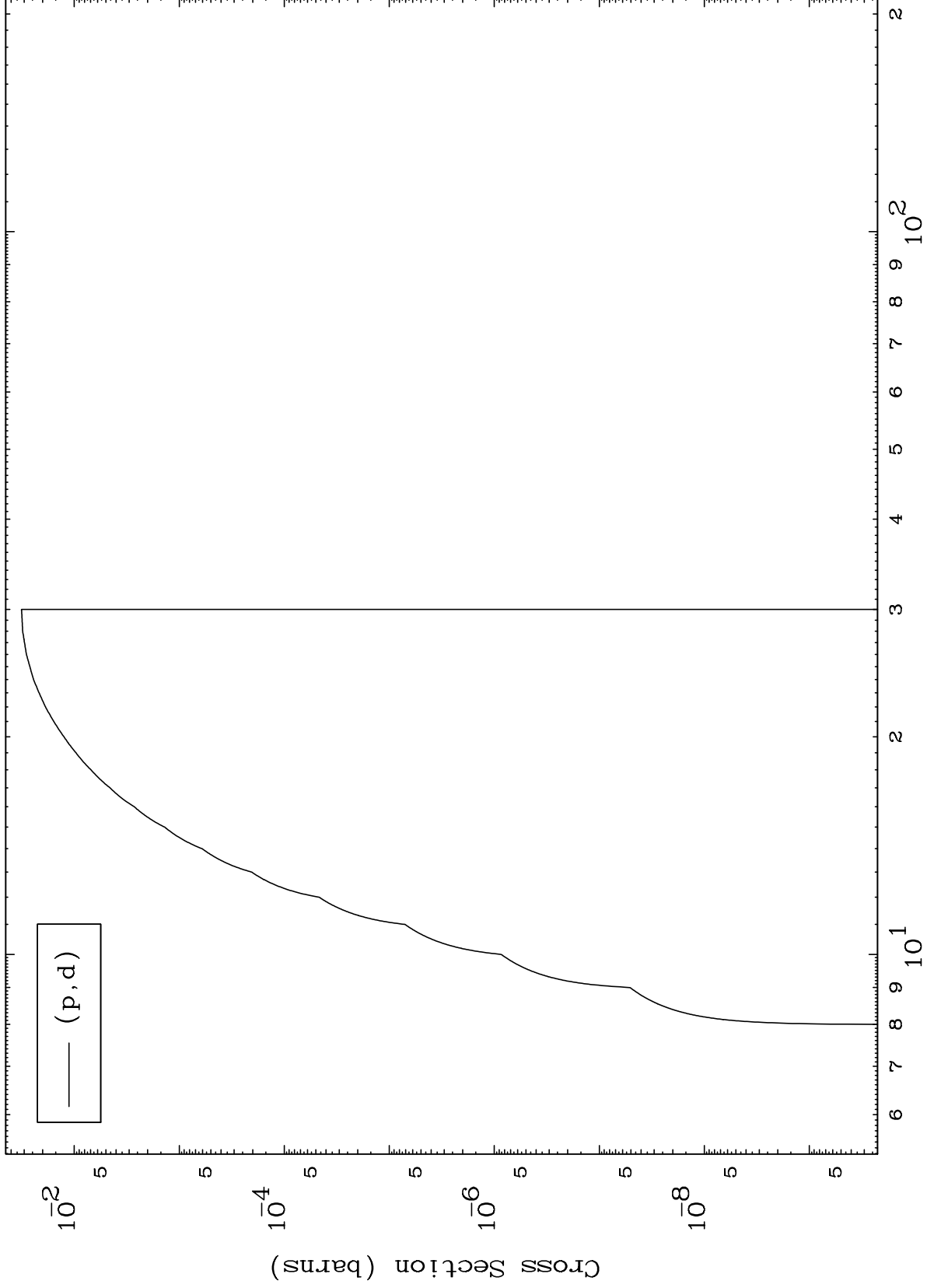
(p,p) Levels  
0 Kelvin Cross Sections



MAT 5028

(p,d) Levels  
0 Kelvin Cross Sections

50-Sn-113



7

Incident Energy (MeV)

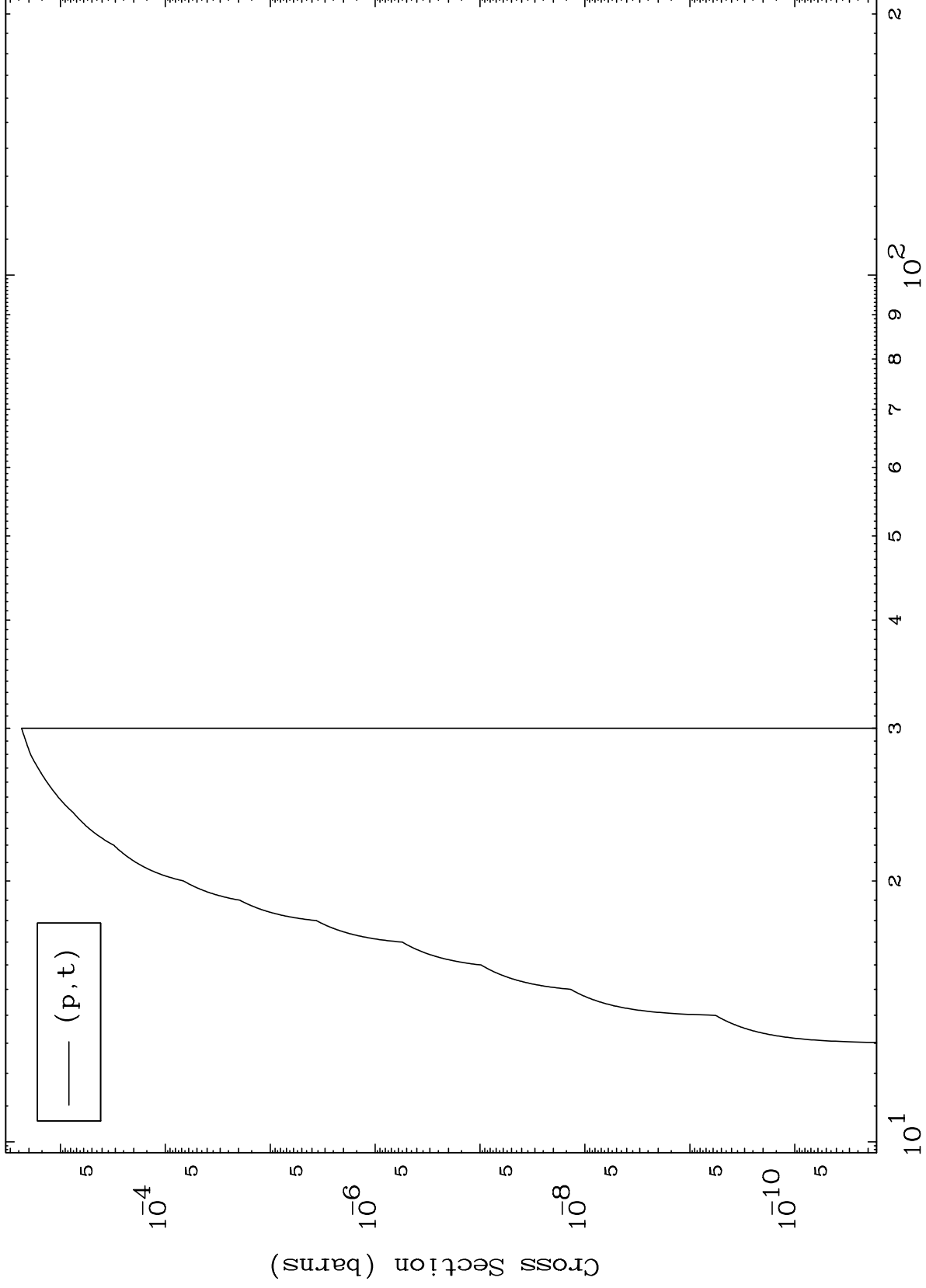
50-Sn-113



MAT 5028

(p,t) Levels  
0 Kelvin Cross Sections

50-Sn-113



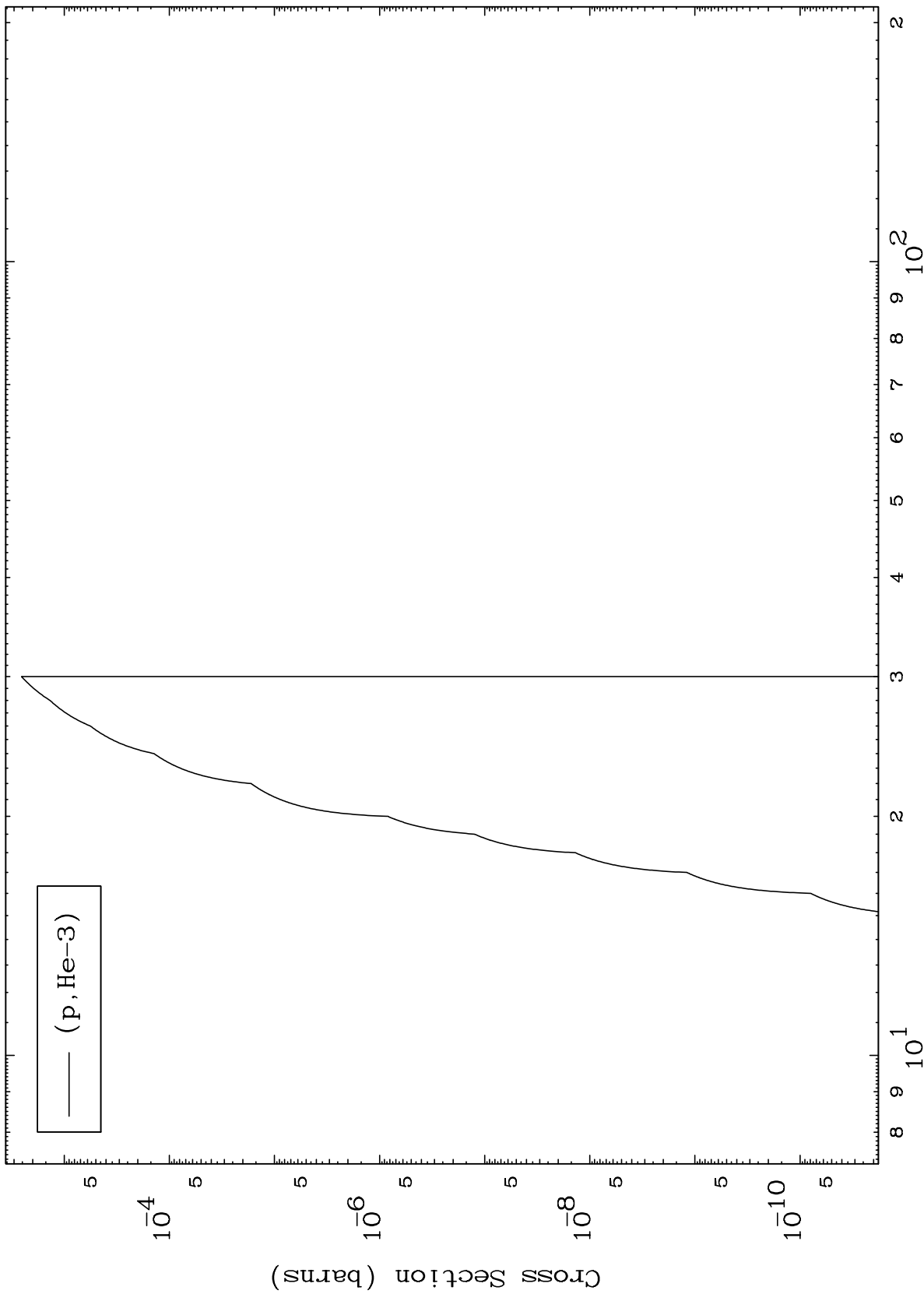
50-Sn-113

Incident Energy (MeV)

MAT 5028

50-Sn-113

(p,He3) Levels  
0 Kelvin Cross Sections



9

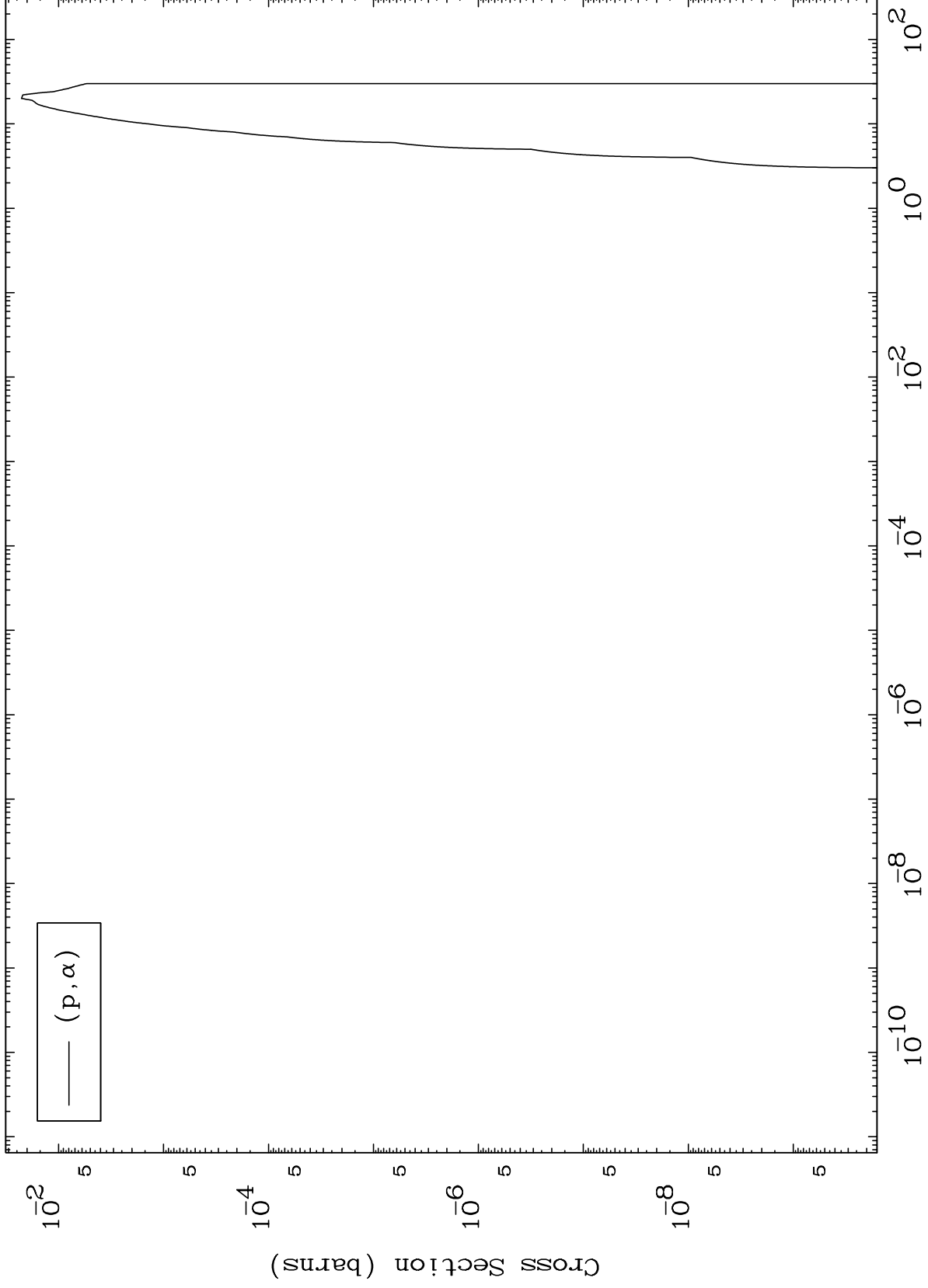
Incident Energy (MeV)

50-Sn-113

MAT 5028

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

50-Sn-113



10

Incident Energy (MeV)

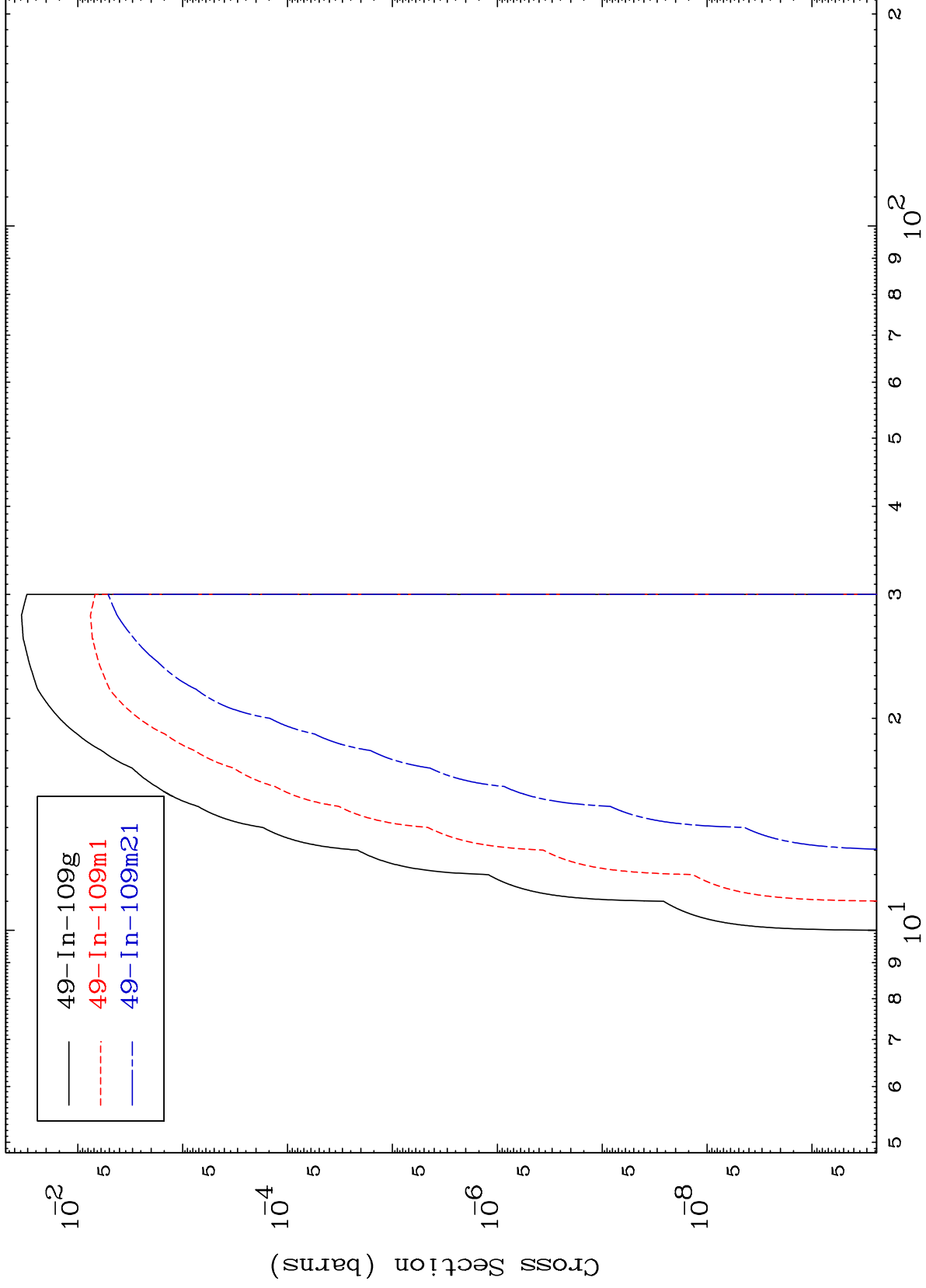
50-Sn-113

MAT 5028

50-Sn-113

(p,n')  $\alpha$

Radionuclide Production Cross Section



11

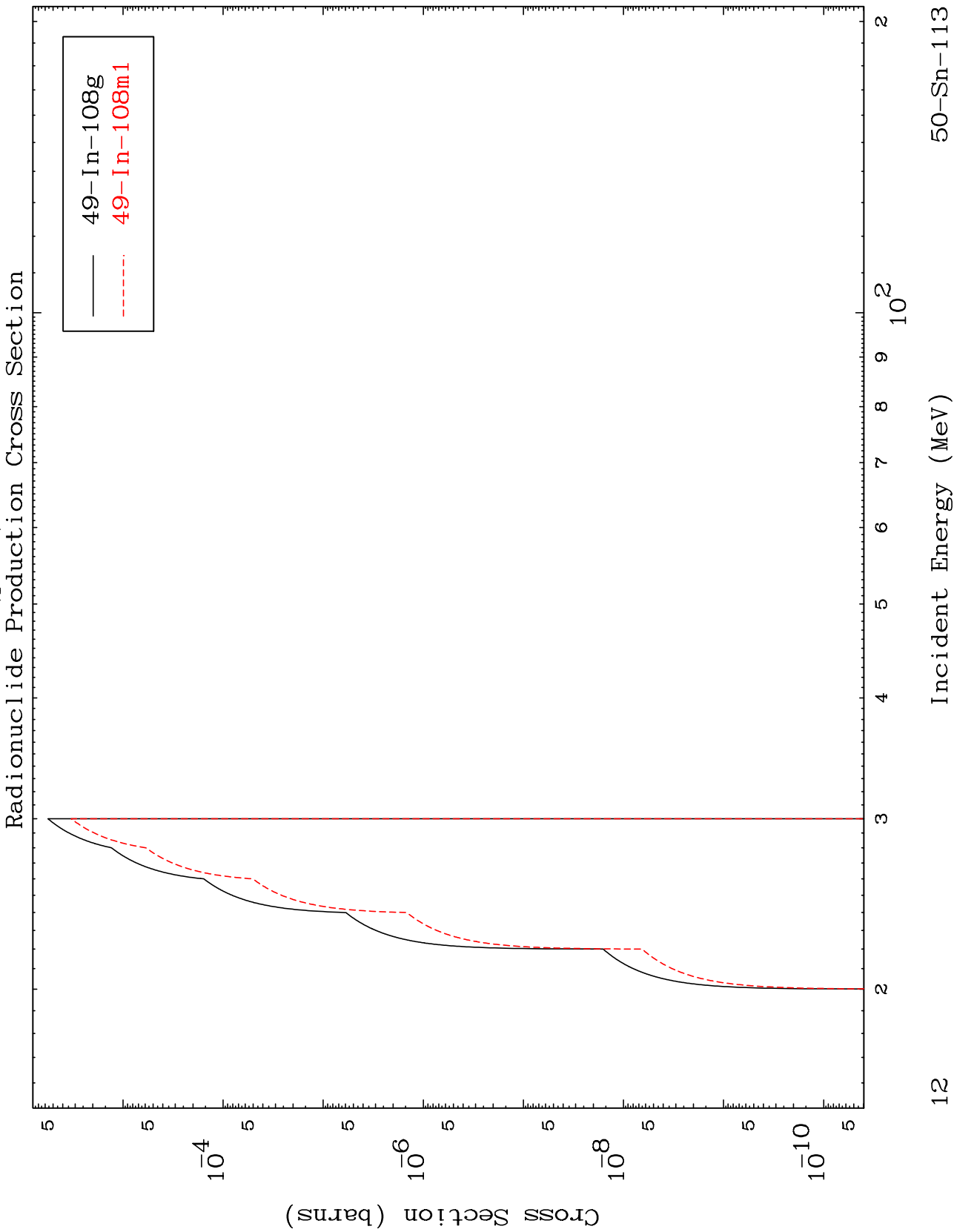
Incident Energy (MeV)

50-Sn-113

MAT 5028

(p,2n)  $\alpha$

50-Sn-113



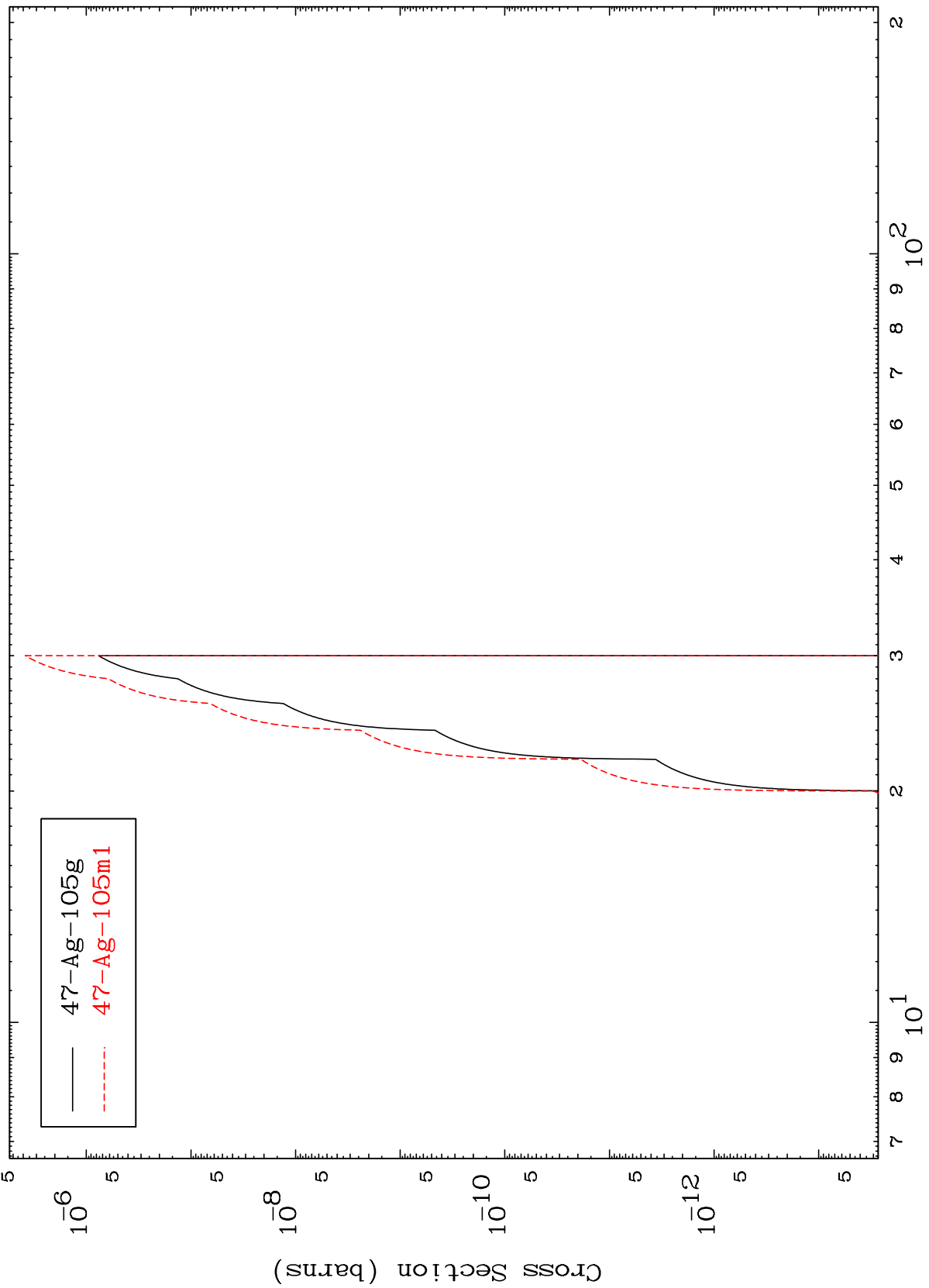
12

50-Sn-113

MAT 5028

50-Sn-113

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



— 47-Ag-105g  
- - - 47-Ag-105m1

50-Sn-113

Incident Energy (MeV)

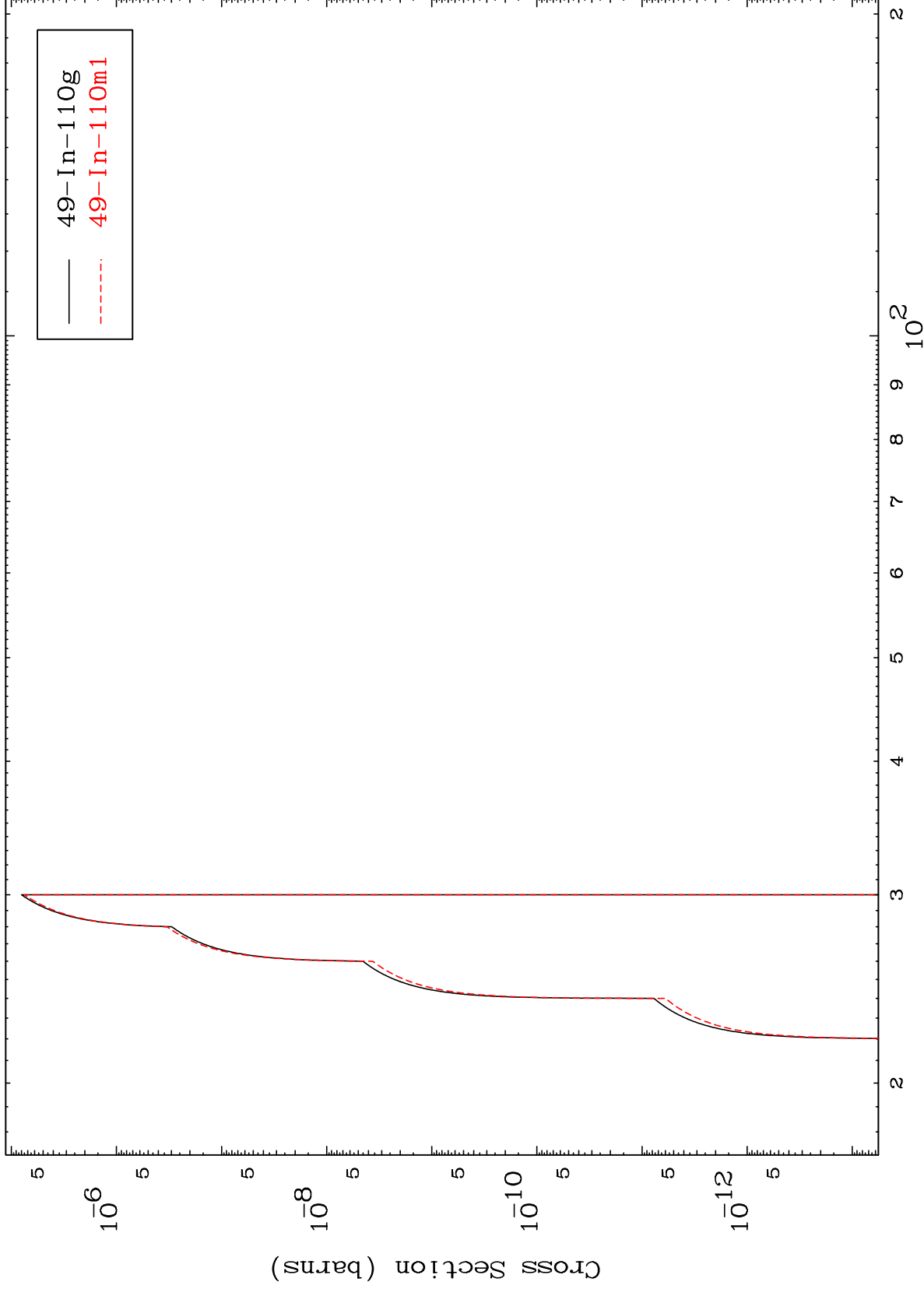
13

MAT 5028

(p,n') He-3

50-Sn-113

Radionuclide Production Cross Section



14

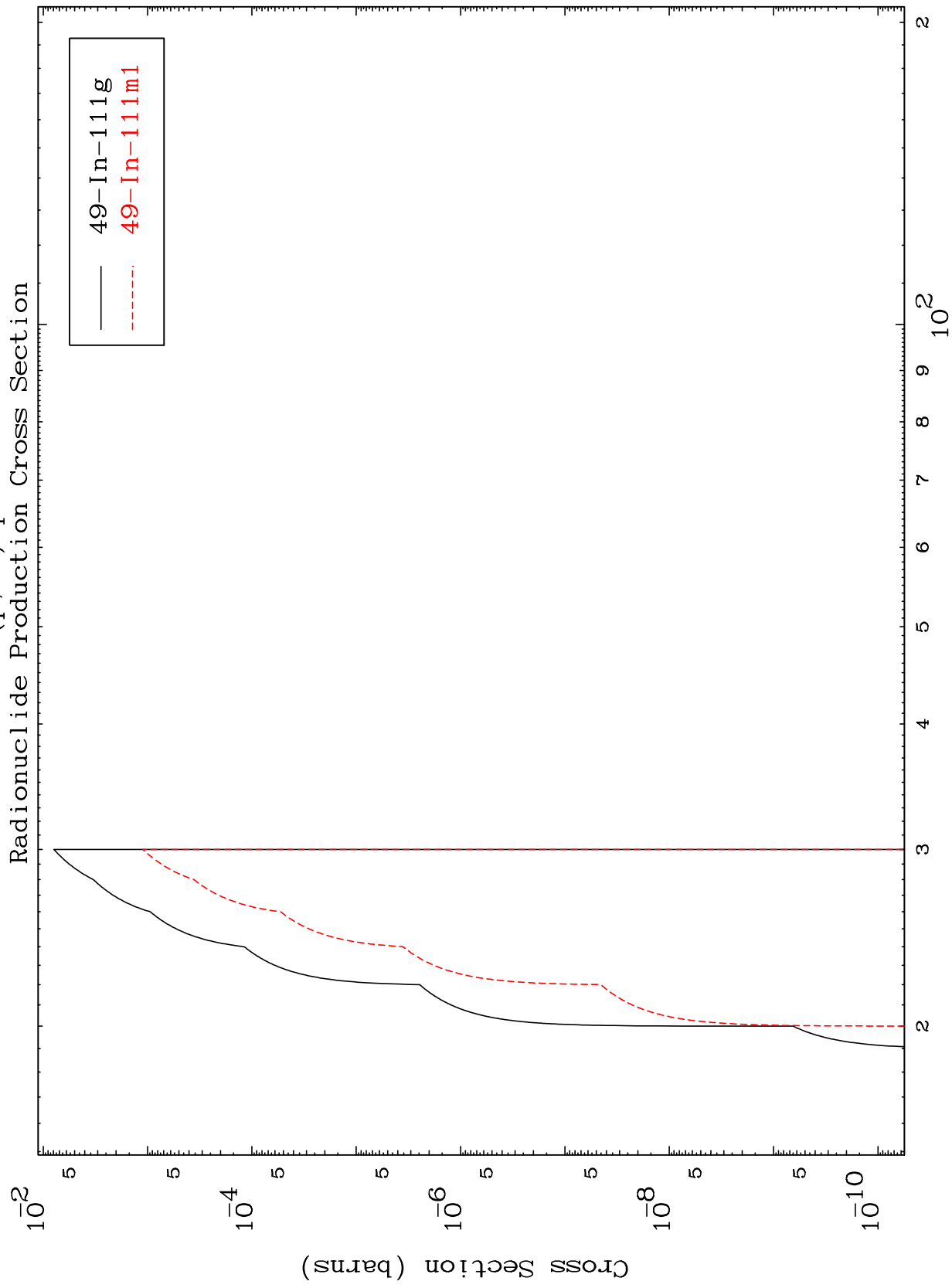
Incident Energy (MeV)

50-Sn-113

MAT 5028

(p,2n) p

50-Sn-113



15

Incident Energy (MeV)

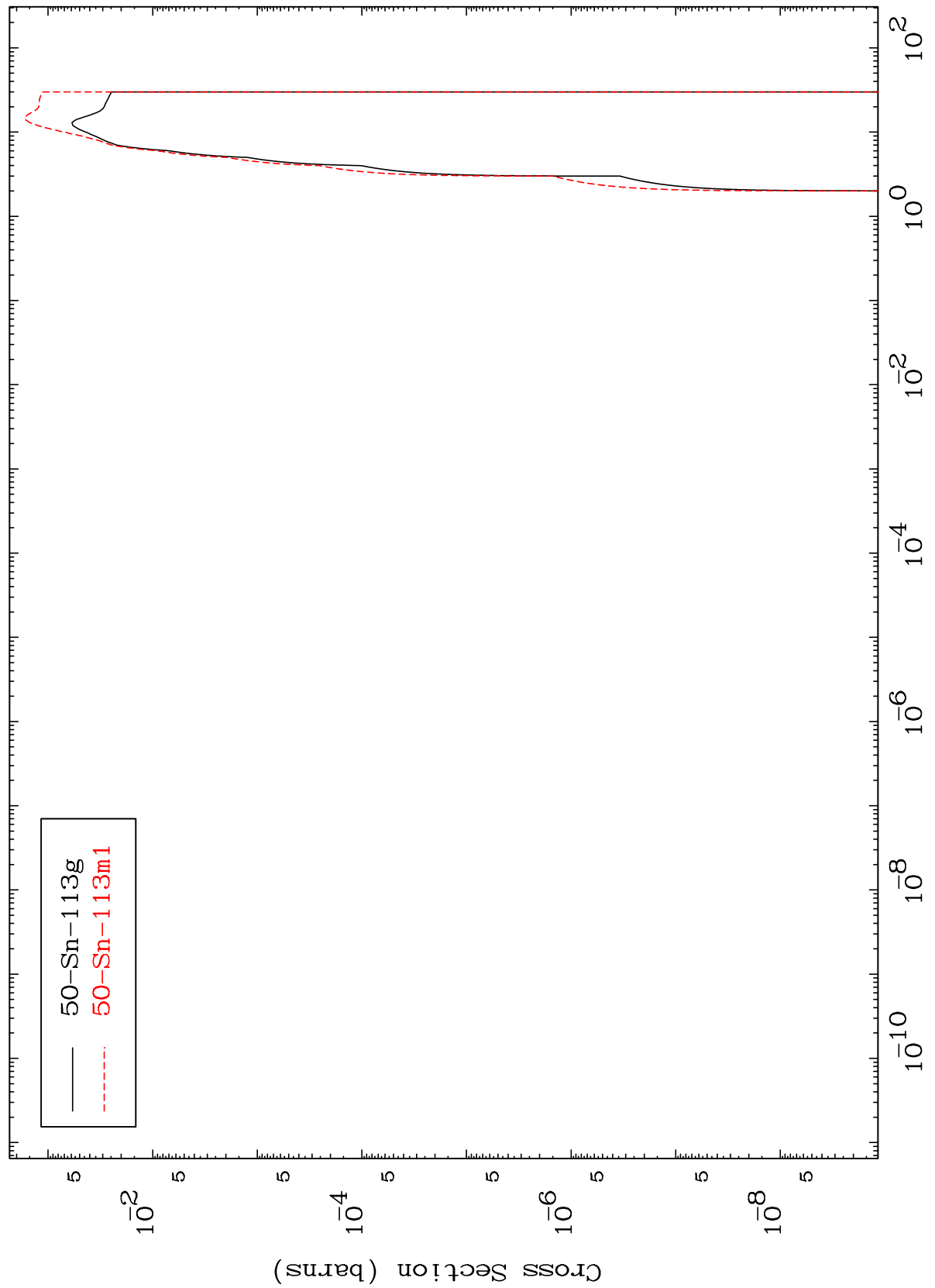
50-Sn-113



MAT 5028

50-Sn-113

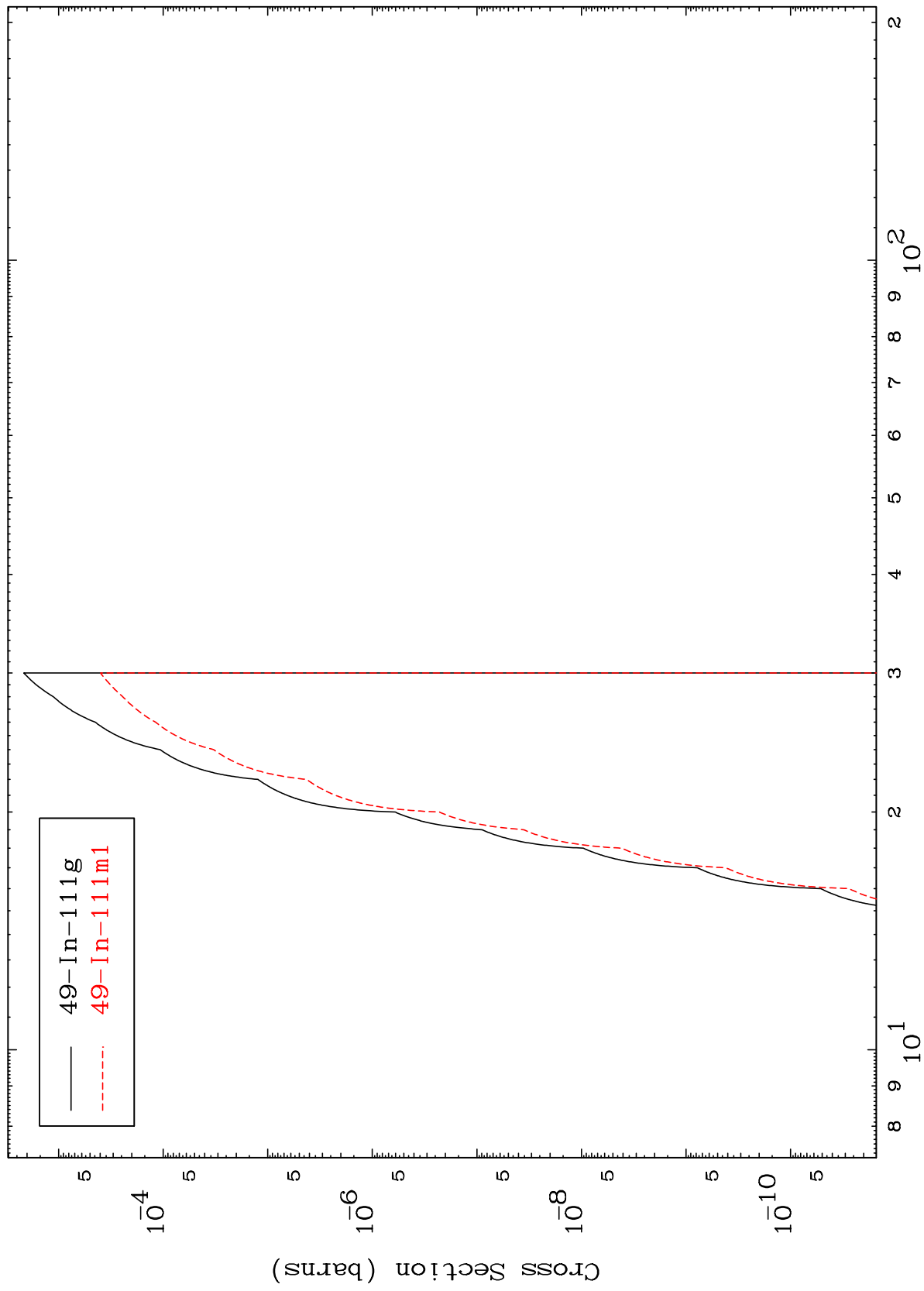
(p,p)  
Radionuclide Production Cross Section



MAT 5028

50-Sn-113

Radionuclide Production Cross Section  
(p,He-3)



50-Sn-113

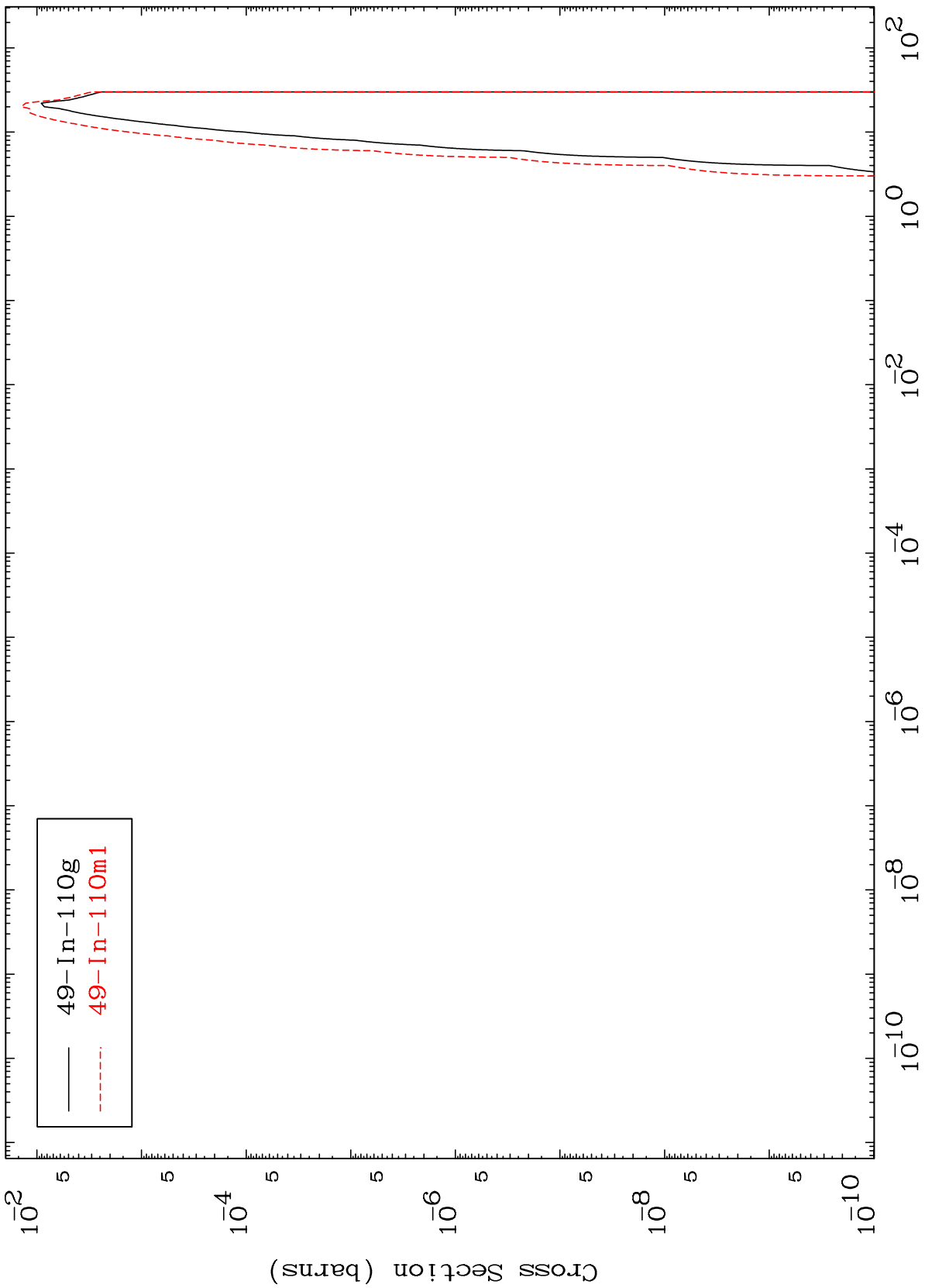
Incident Energy (MeV)

17

MAT 5028

50-Sn-113

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

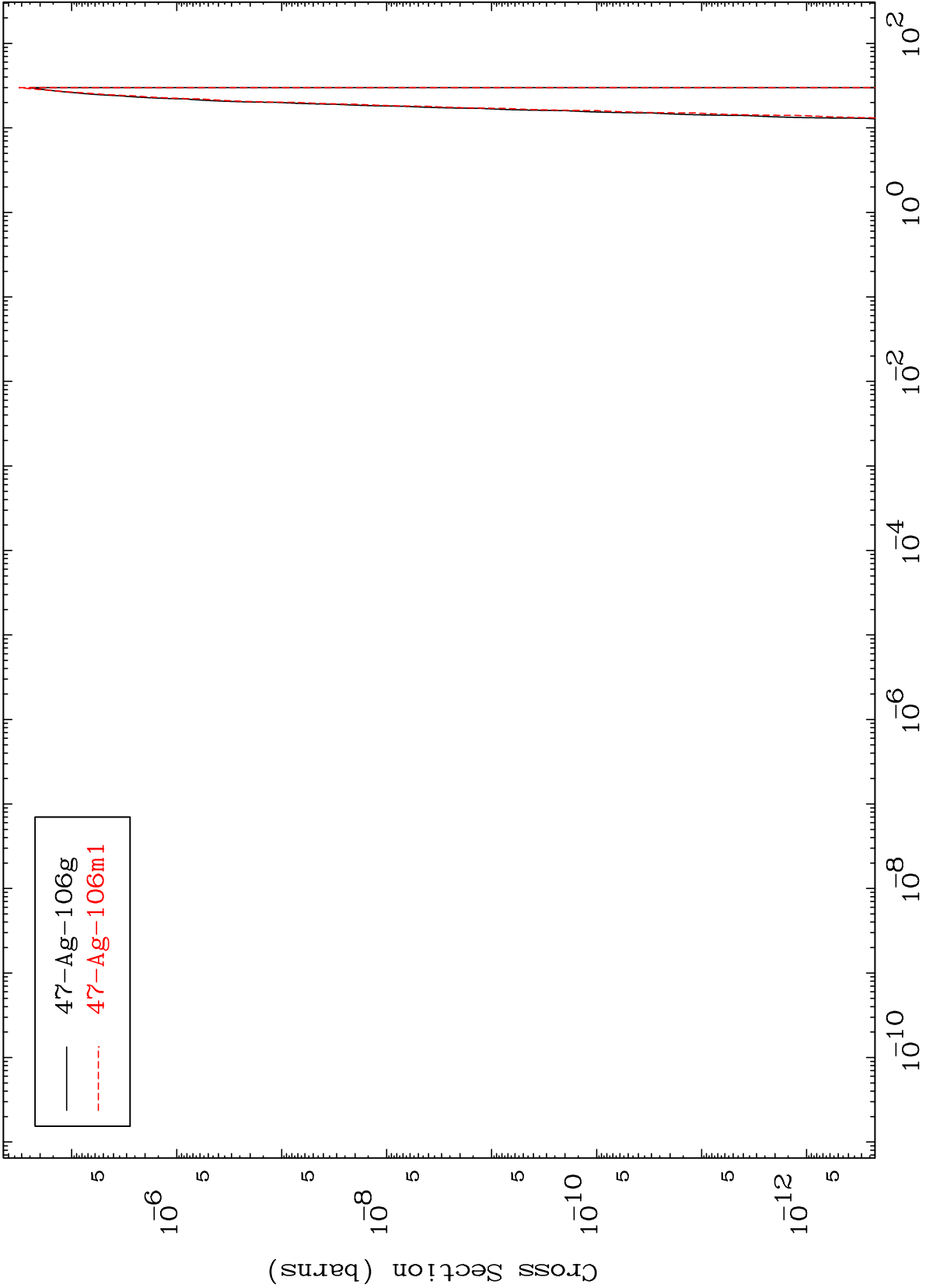


MAT 5028

(p,2 $\alpha$ )

50-Sn-113

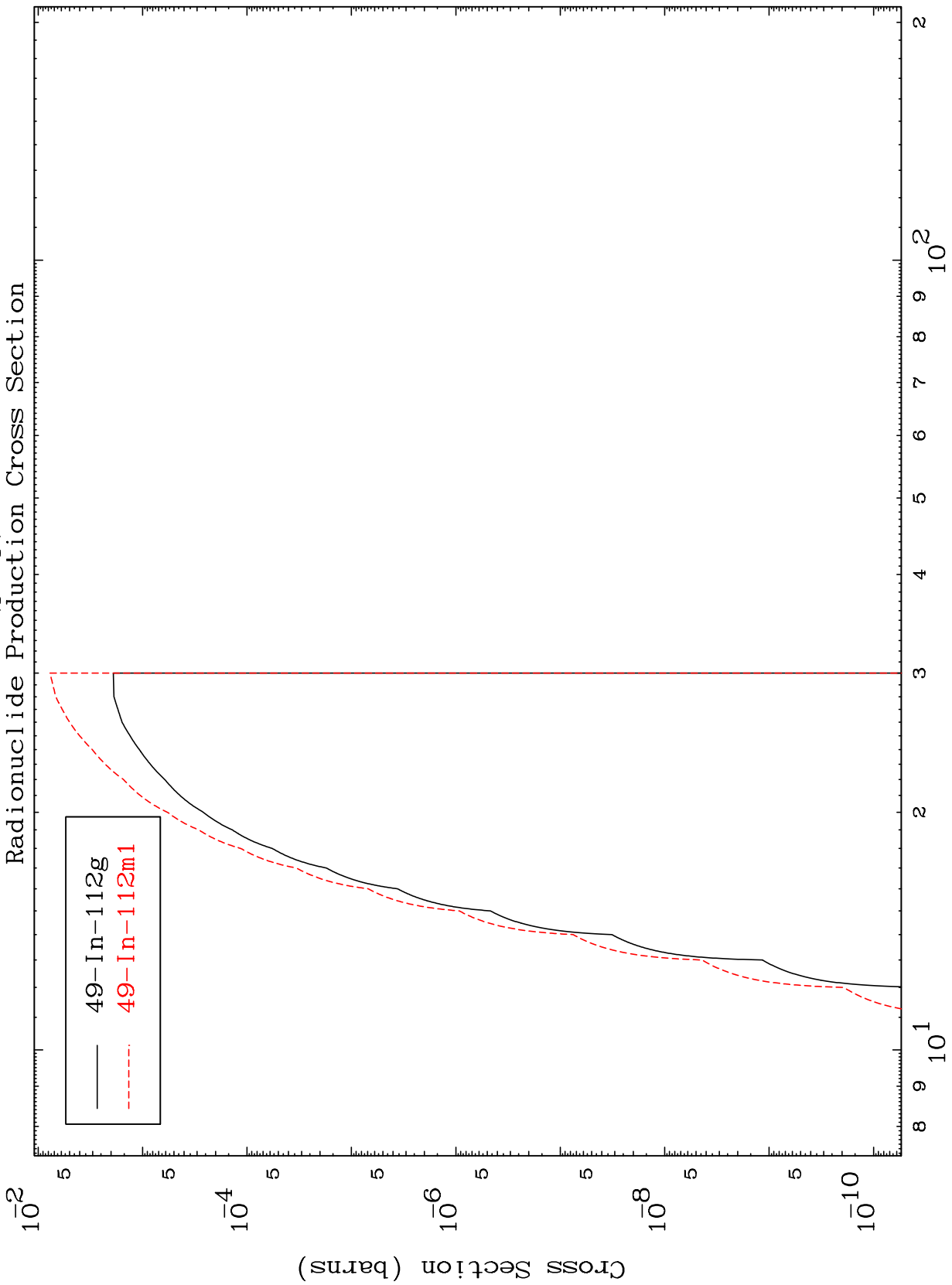
Radionuclide Production Cross Section



MAT 5028

50-Sn-113

(p,2p)  
Radionuclide Production Cross Section



20

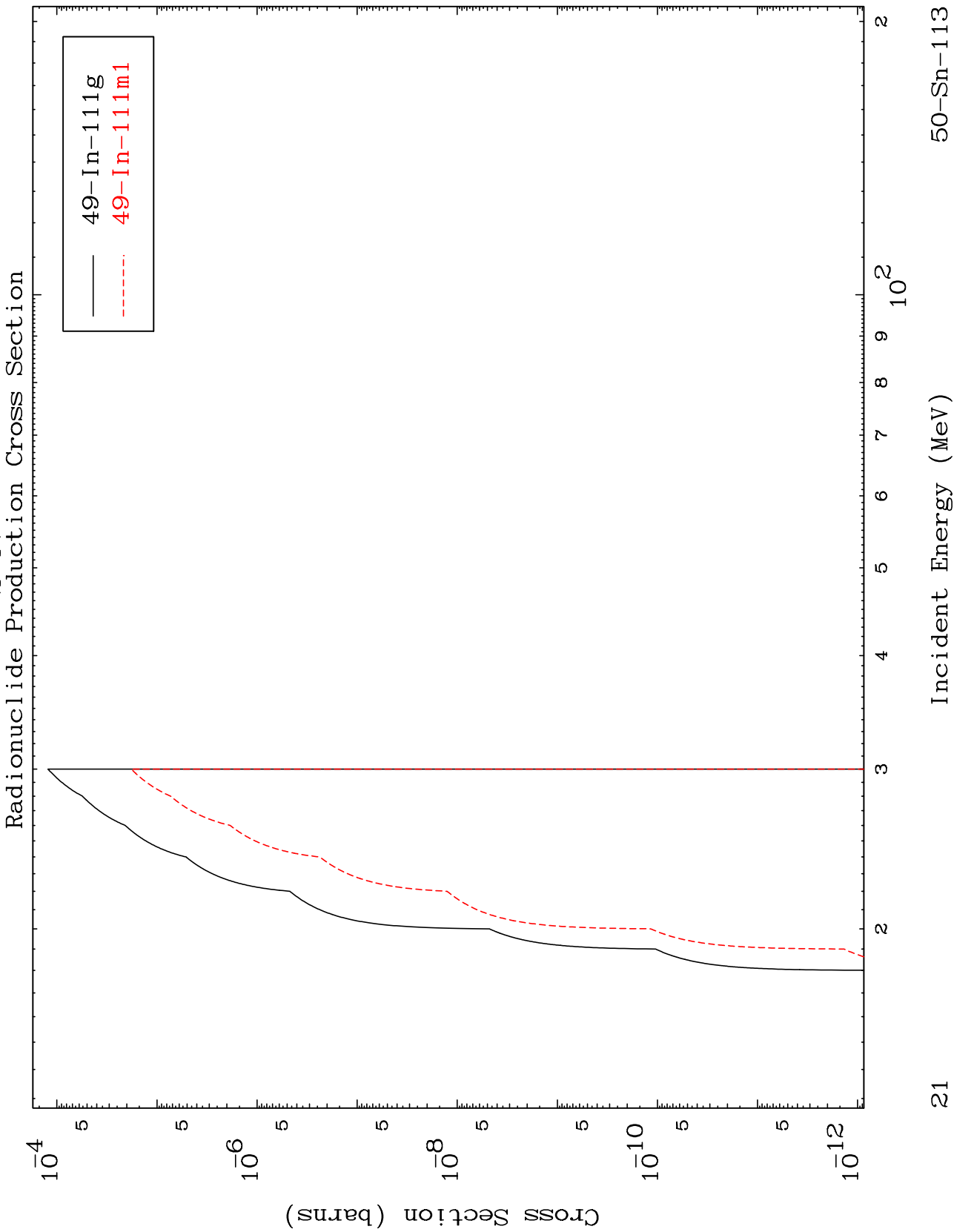
Incident Energy (MeV)

50-Sn-113

MAT 5028

(p,p) d

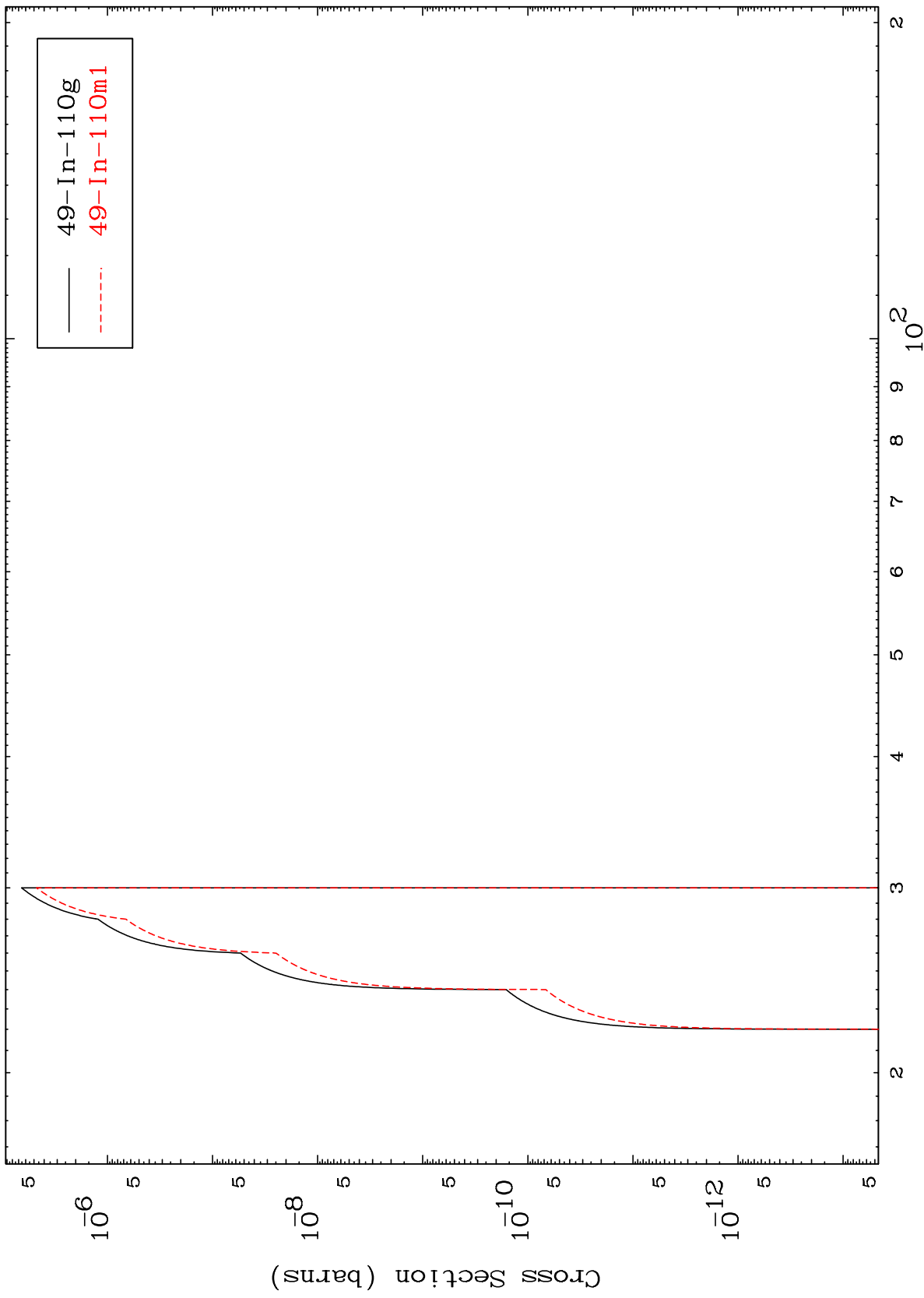
50-Sn-113



MAT 5028

50-Sn-113

(p,p) t  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-113