

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)

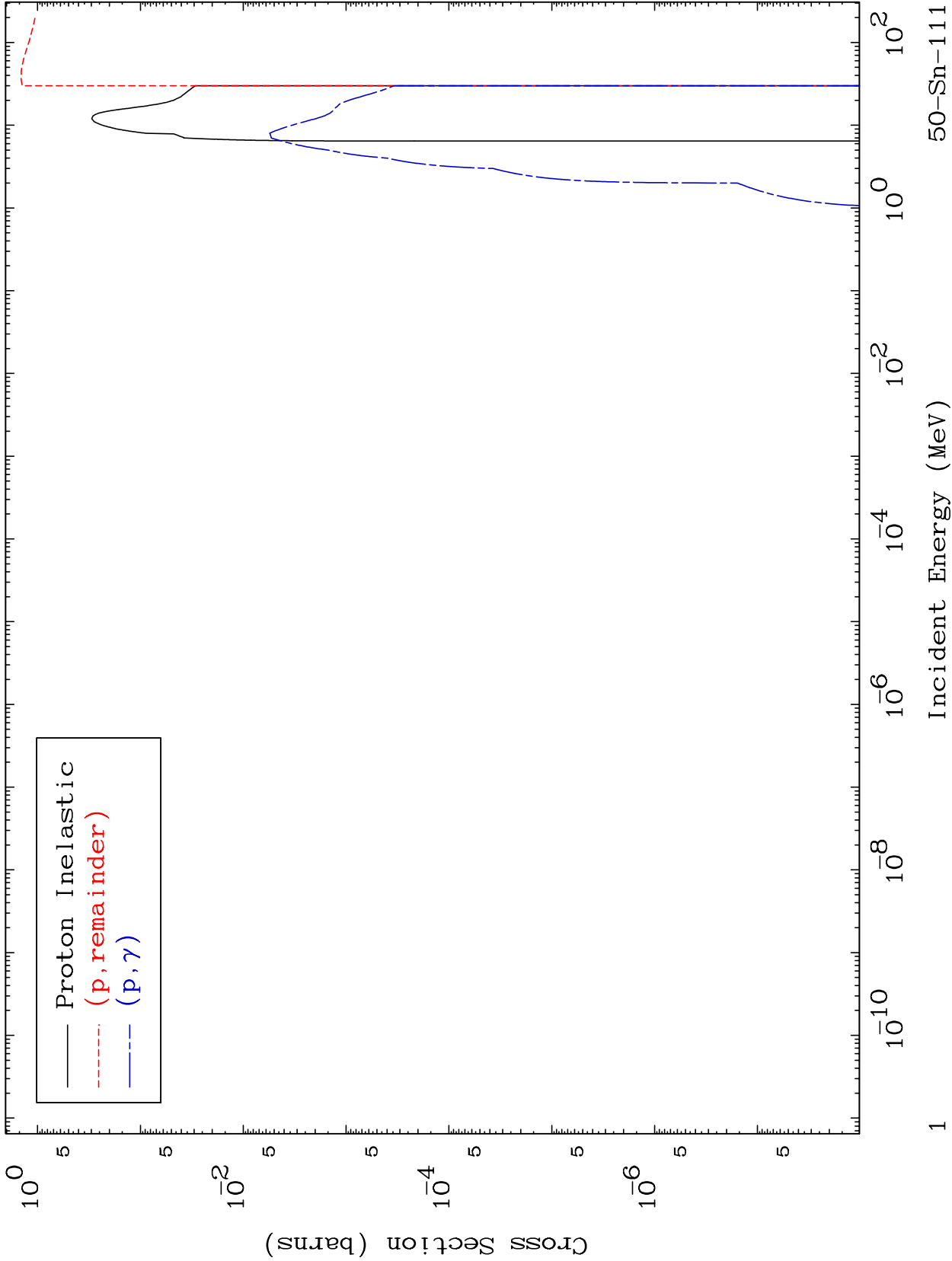
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

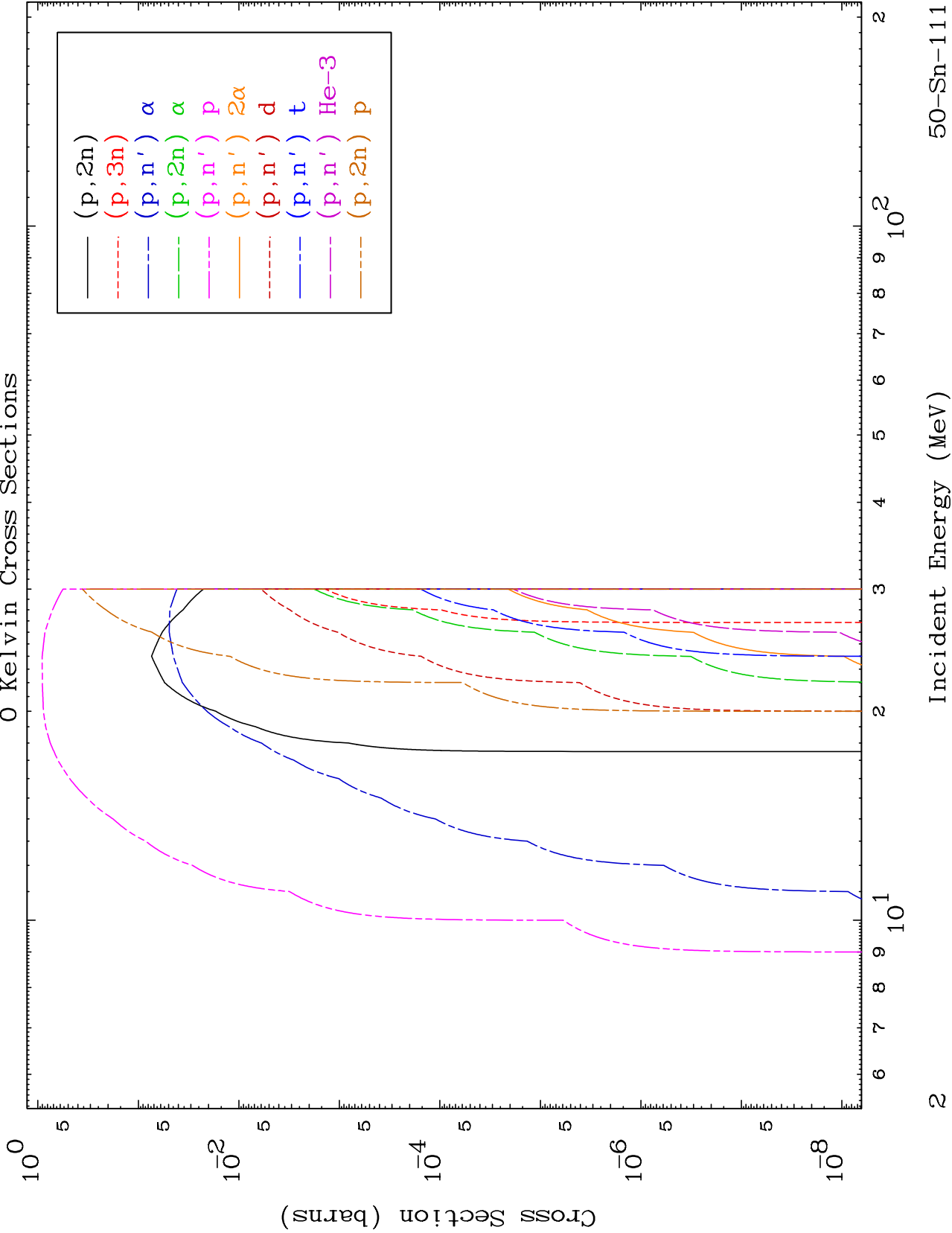
MAT 5022

Proton Major  
0 Kelvin Cross Sections

50-Sn-111



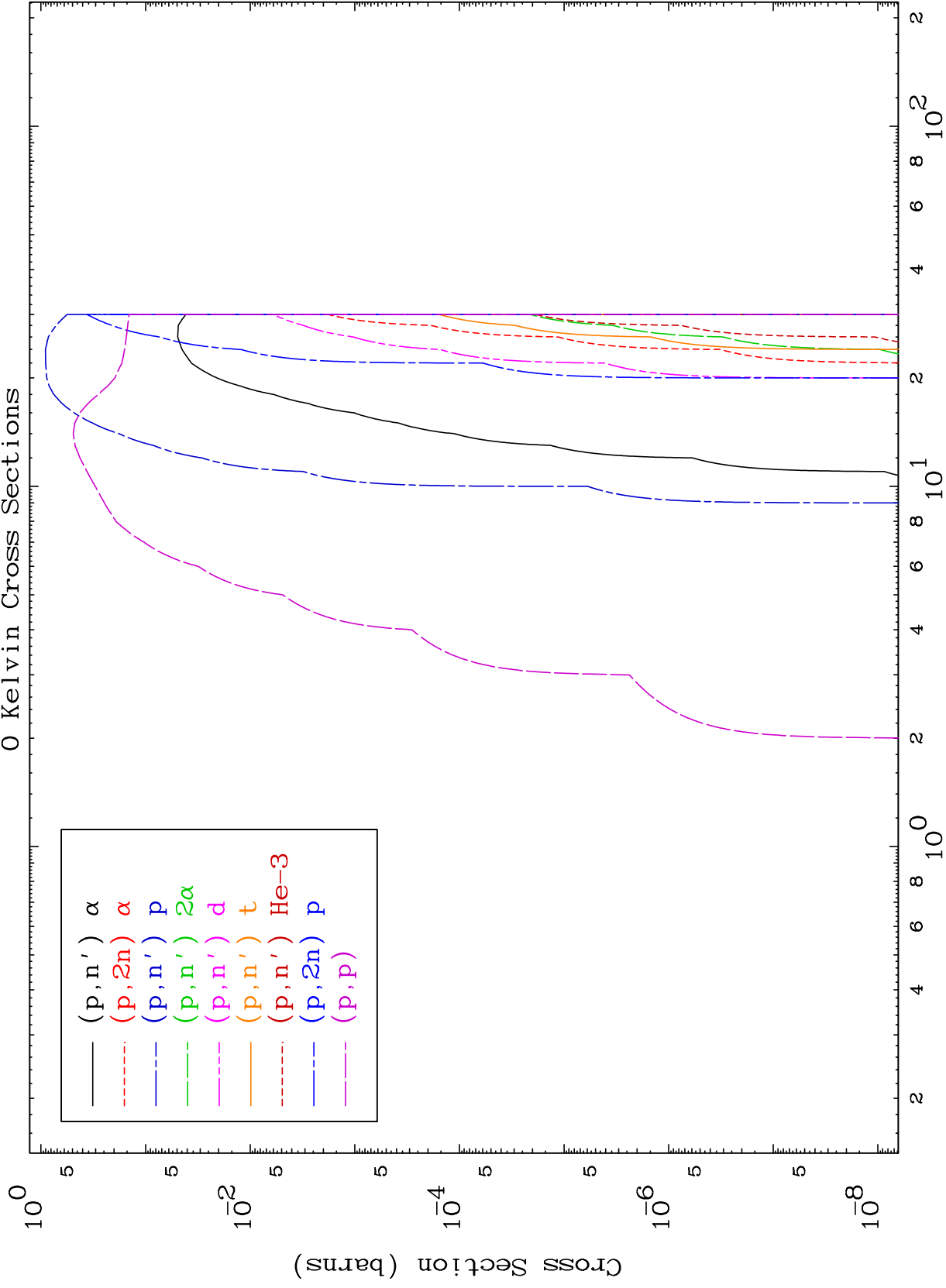
— Proton Inelastic  
- - - (p, remainder)  
- - - (p, γ)



MAT 5022

Proton Charged Particle  
0 Kelvin Cross Sections

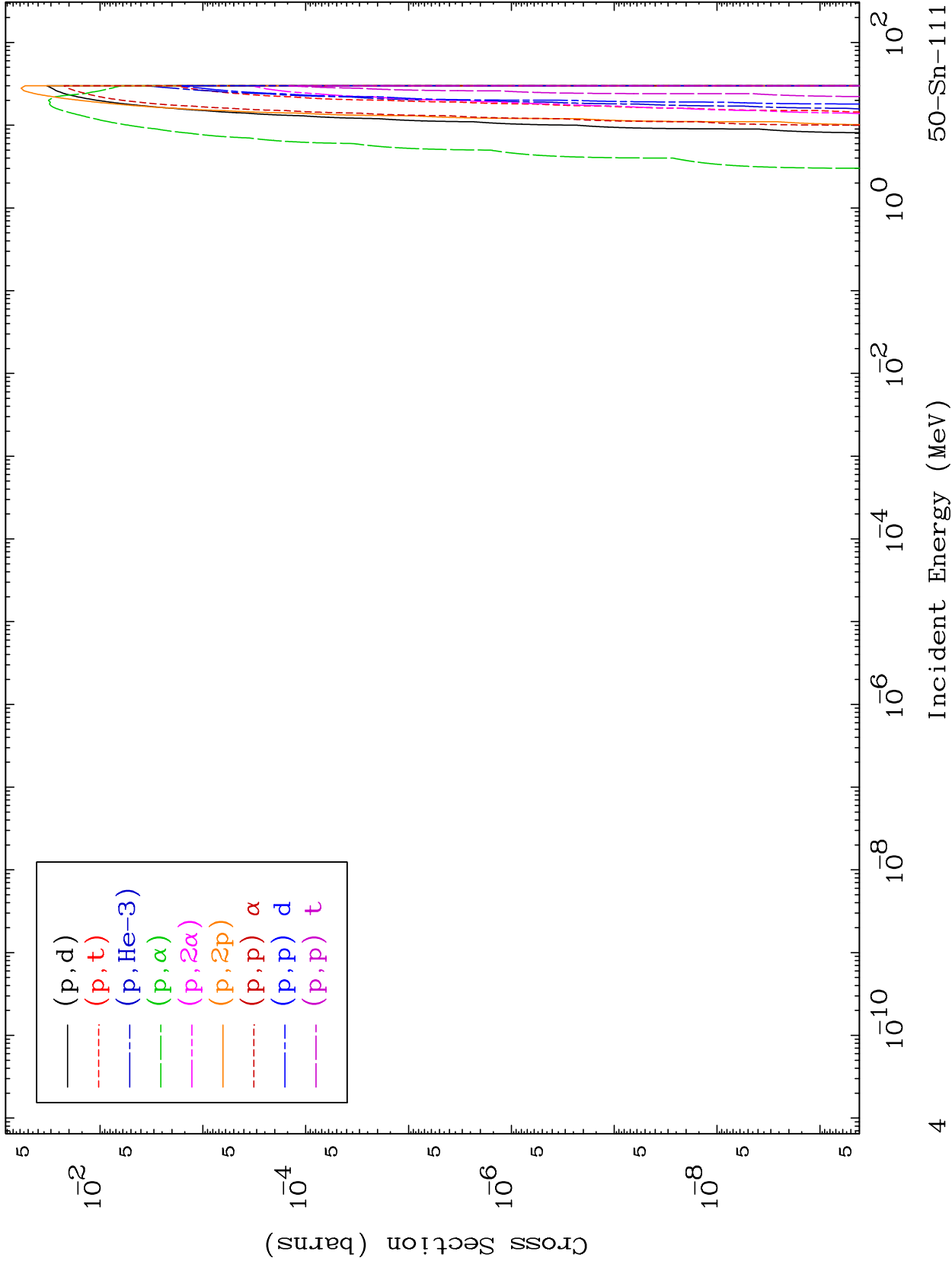
50-Sn-111



MAT 5022

Proton Charged Particle  
0 Kelvin Cross Sections

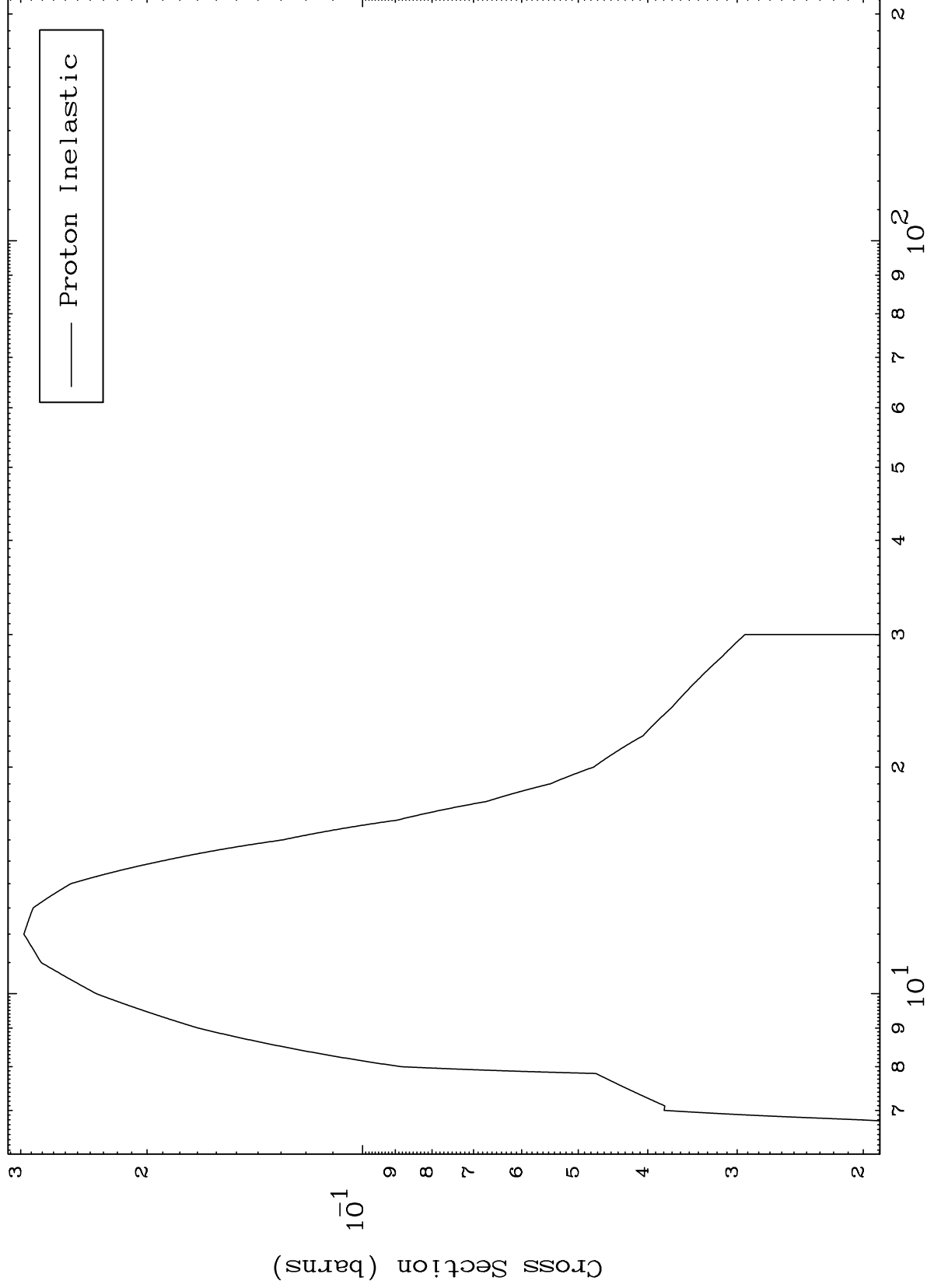
50-Sn-111



MAT 5022

50-Sn-111

(p,n') Level  
0 Kelvin Cross Sections



50-Sn-111

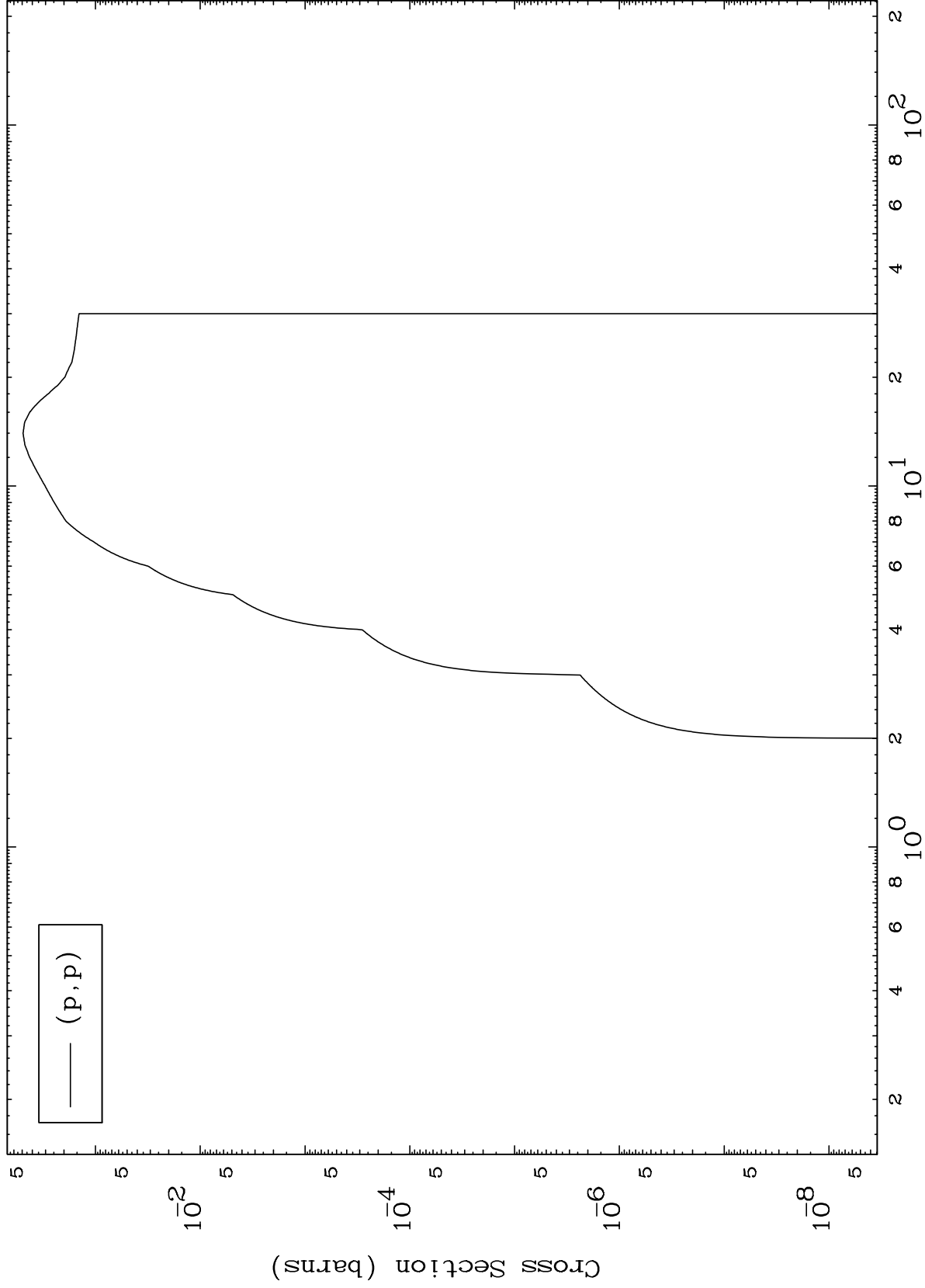
Incident Energy (MeV)

5

MAT 5022

50-Sn-111

(p,p) Levels  
0 Kelvin Cross Sections



6

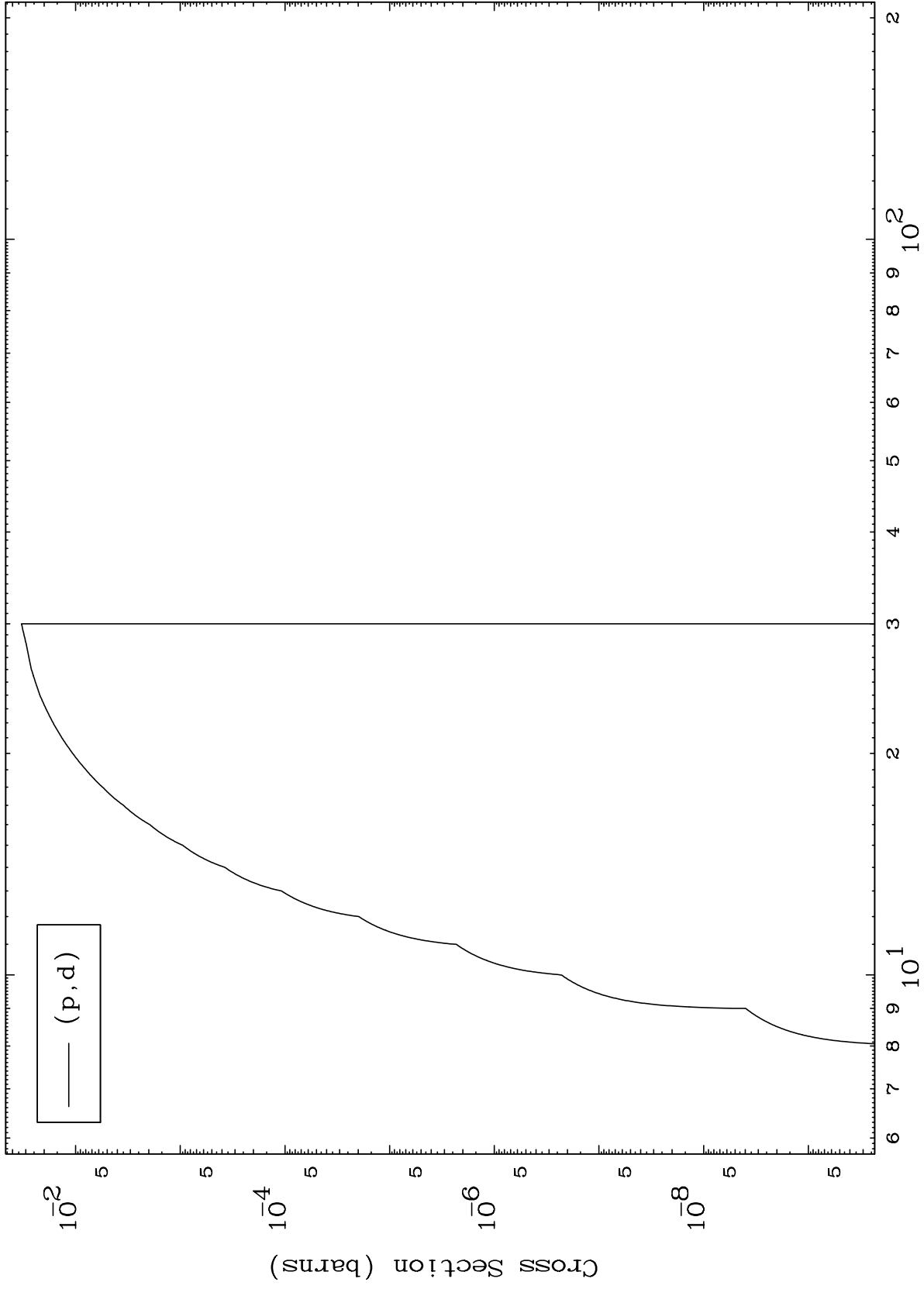
Incident Energy (MeV)

50-Sn-111

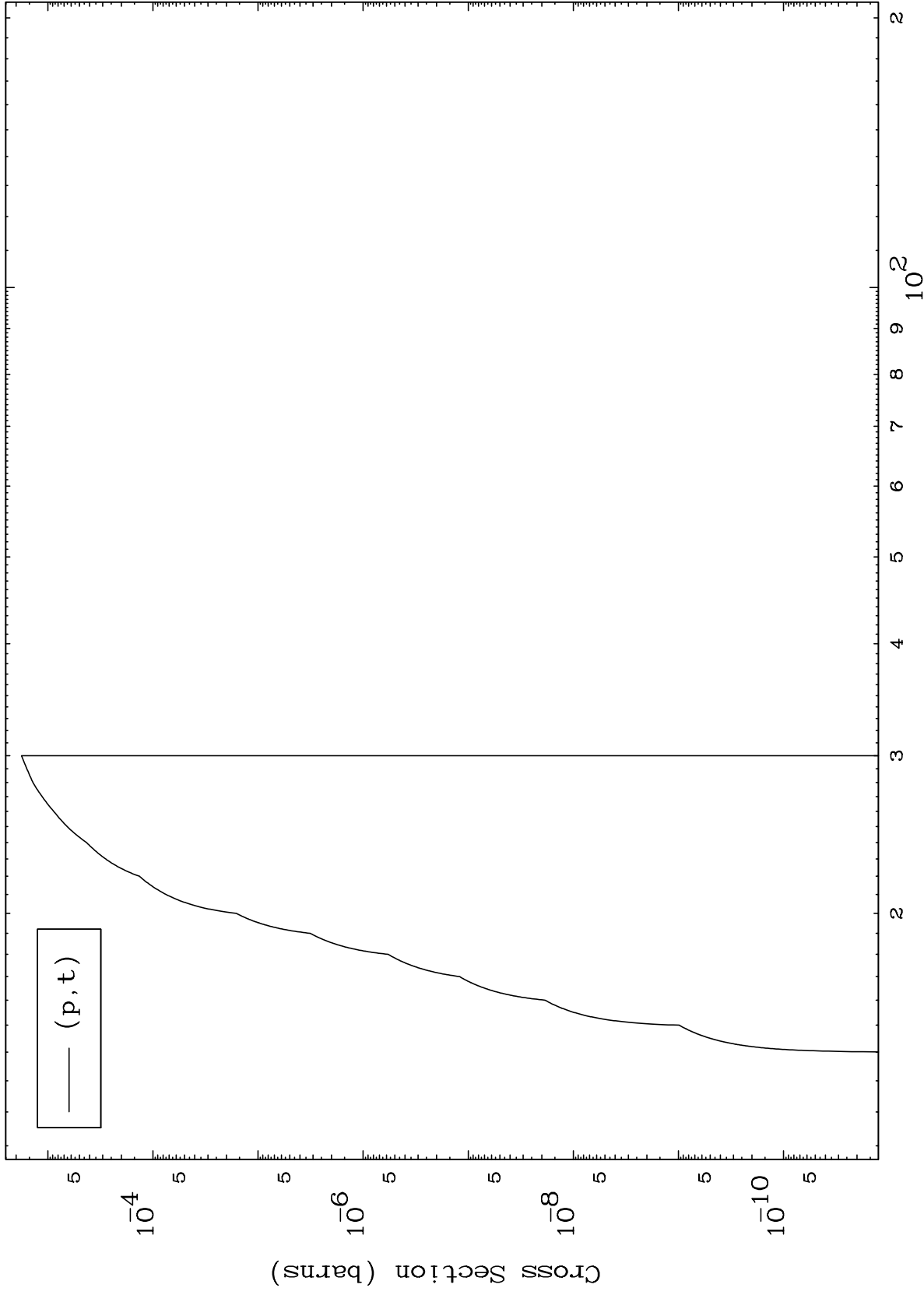
MAT 5022

(p,d) Levels  
0 Kelvin Cross Sections

50-Sn-111



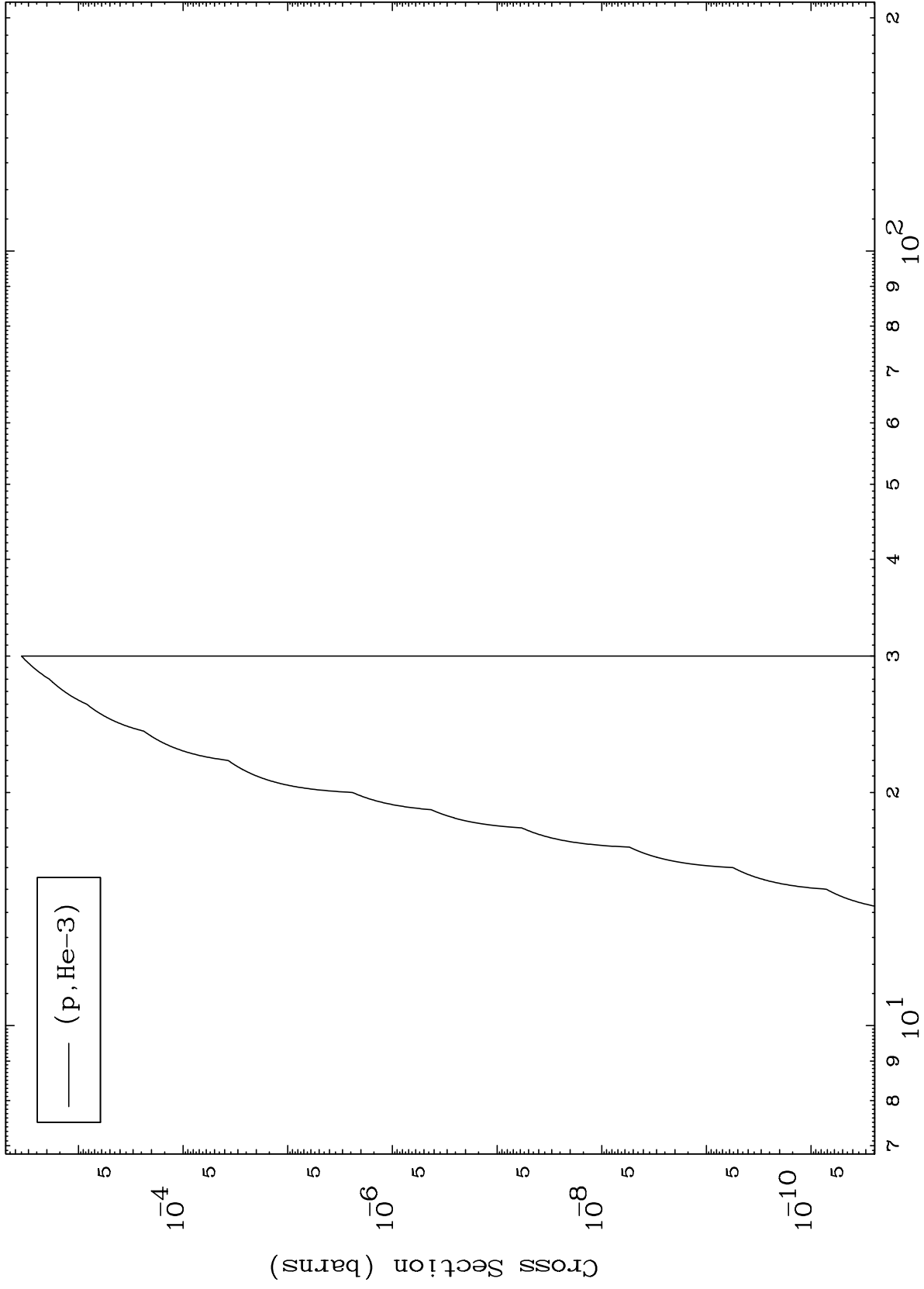




MAT 5022

50-Sn-111

(p,He3) Levels  
0 Kelvin Cross Sections



9

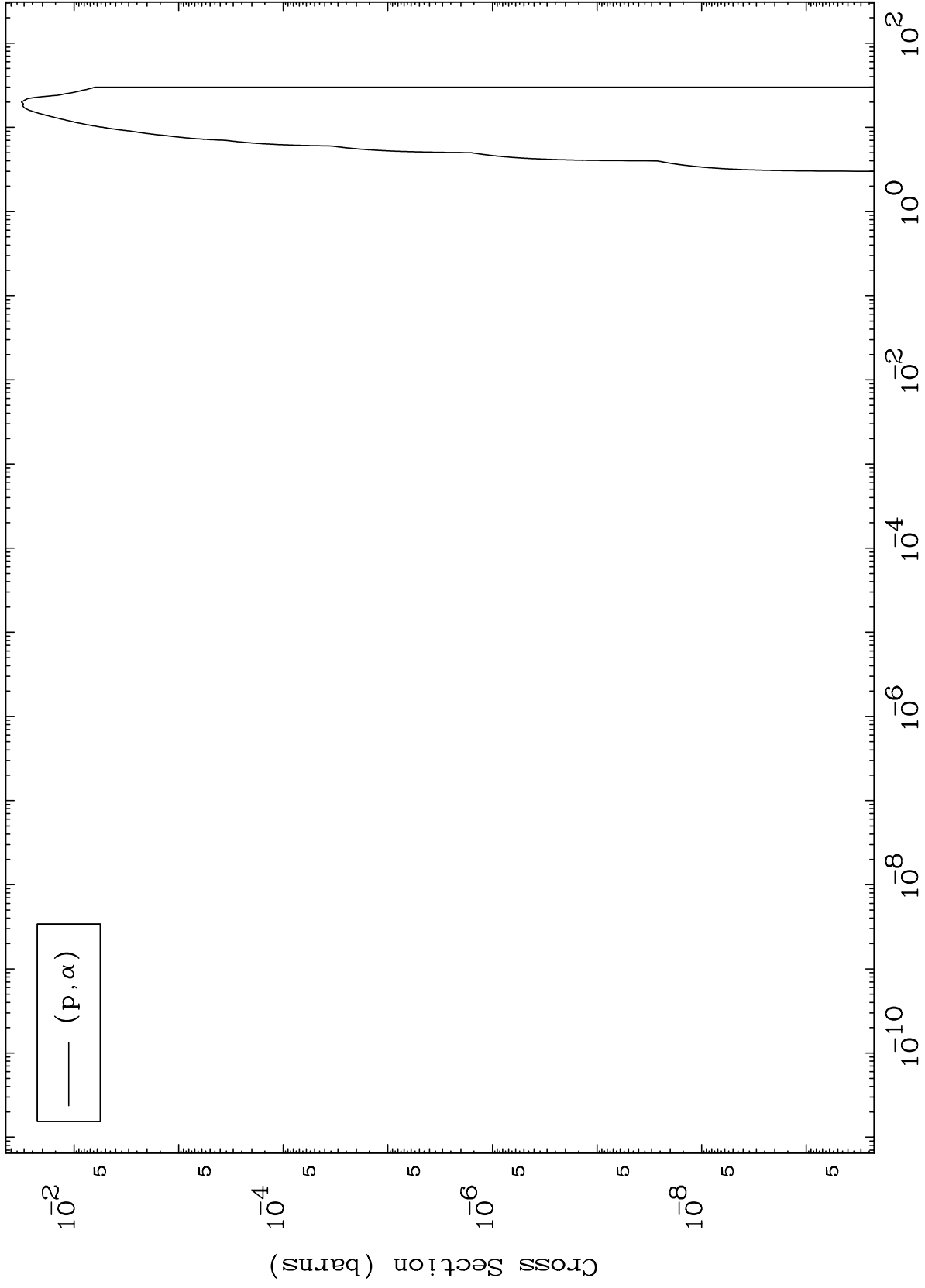
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

50-Sn-111



10

Incident Energy (MeV)

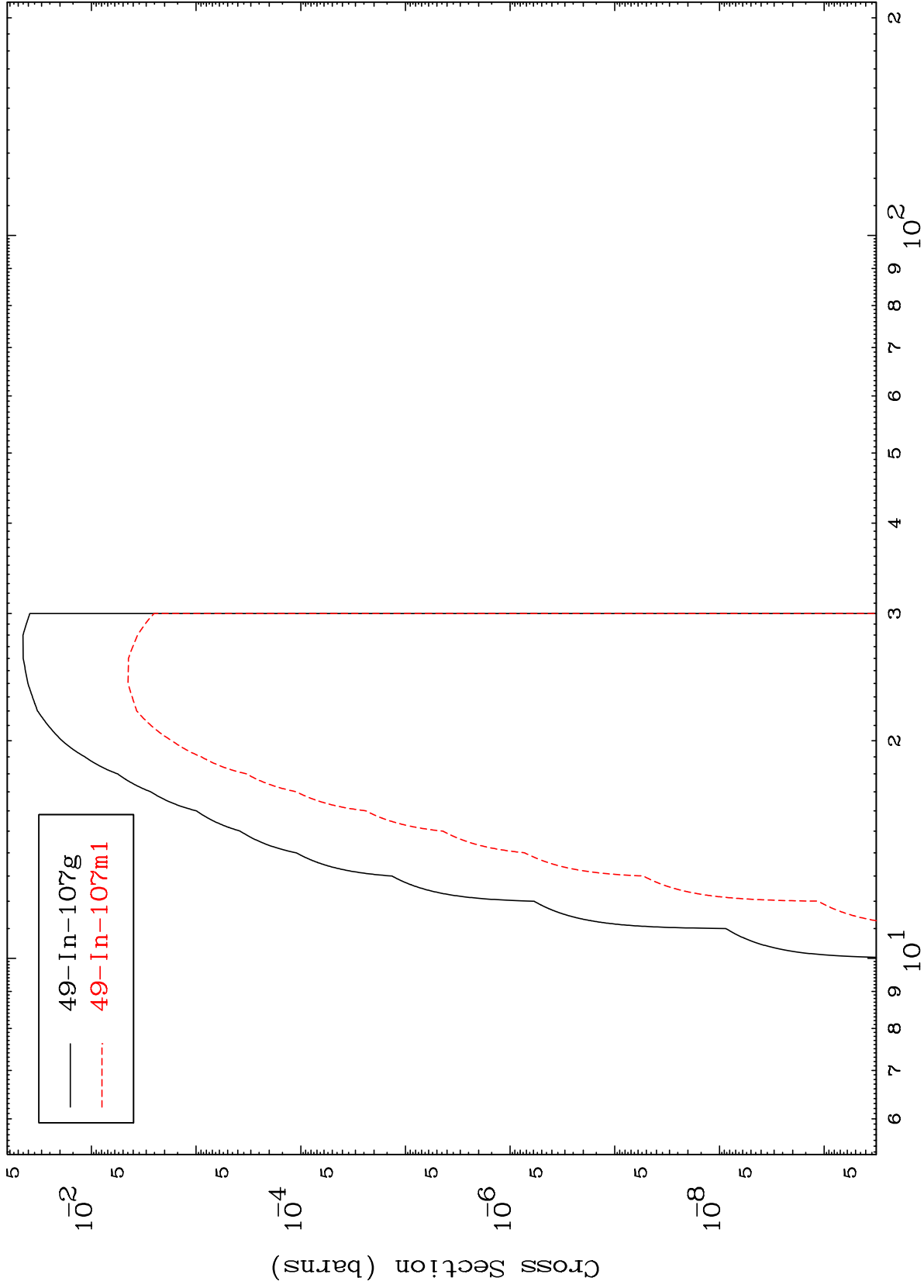
50-Sn-111

MAT 5022

50-Sn-111

(p,n')  $\alpha$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

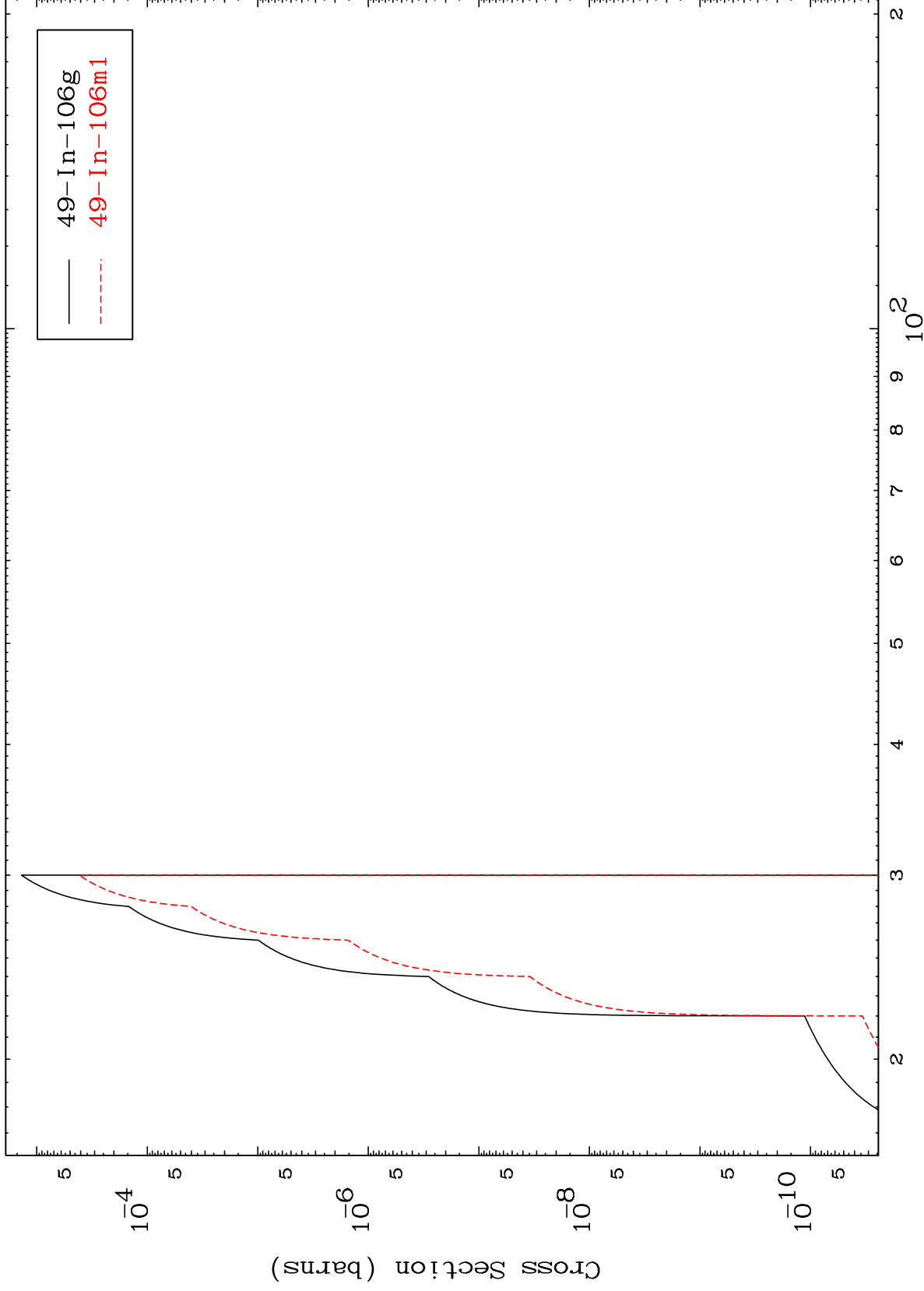
50-Sn-111

MAT 5022

(p,2n)  $\alpha$

50-Sn-111

Radionuclide Production Cross Section



12

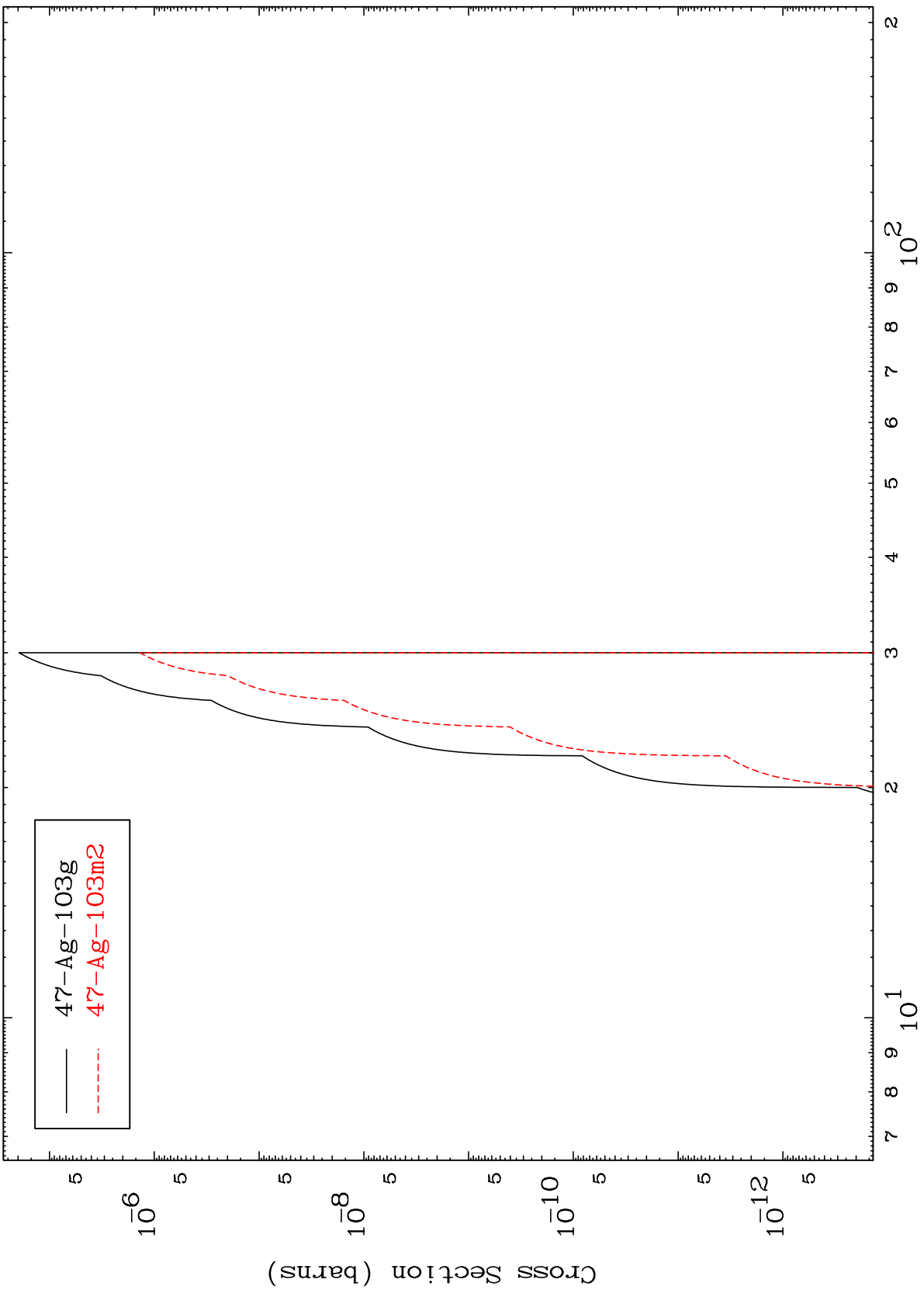
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

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



— 47-Ag-103g  
- - - 47-Ag-103m2

50-Sn-111

Incident Energy (MeV)

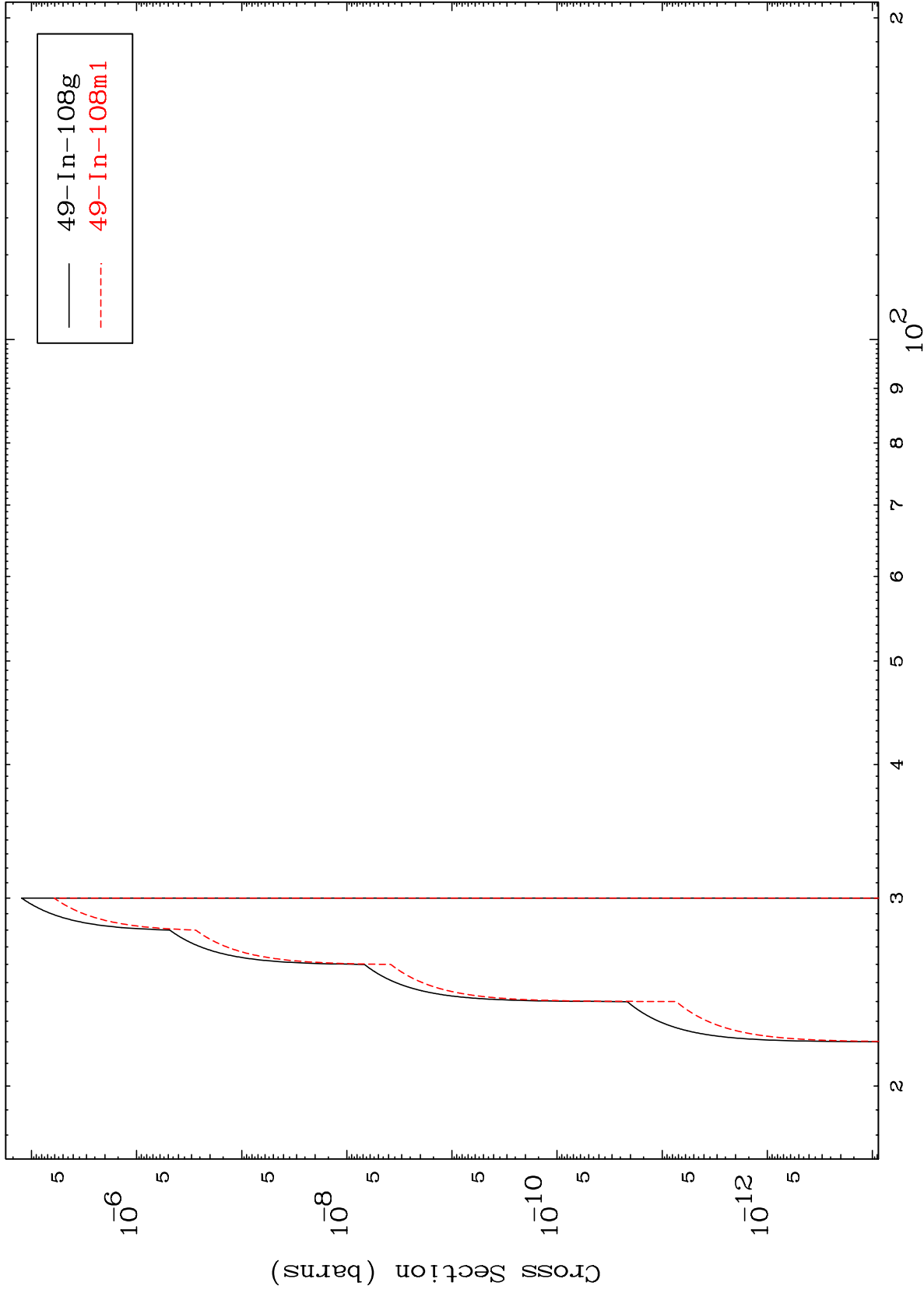
13

MAT 5022

(p,n') He-3

50-Sn-111

Radionuclide Production Cross Section



14

Incident Energy (MeV)

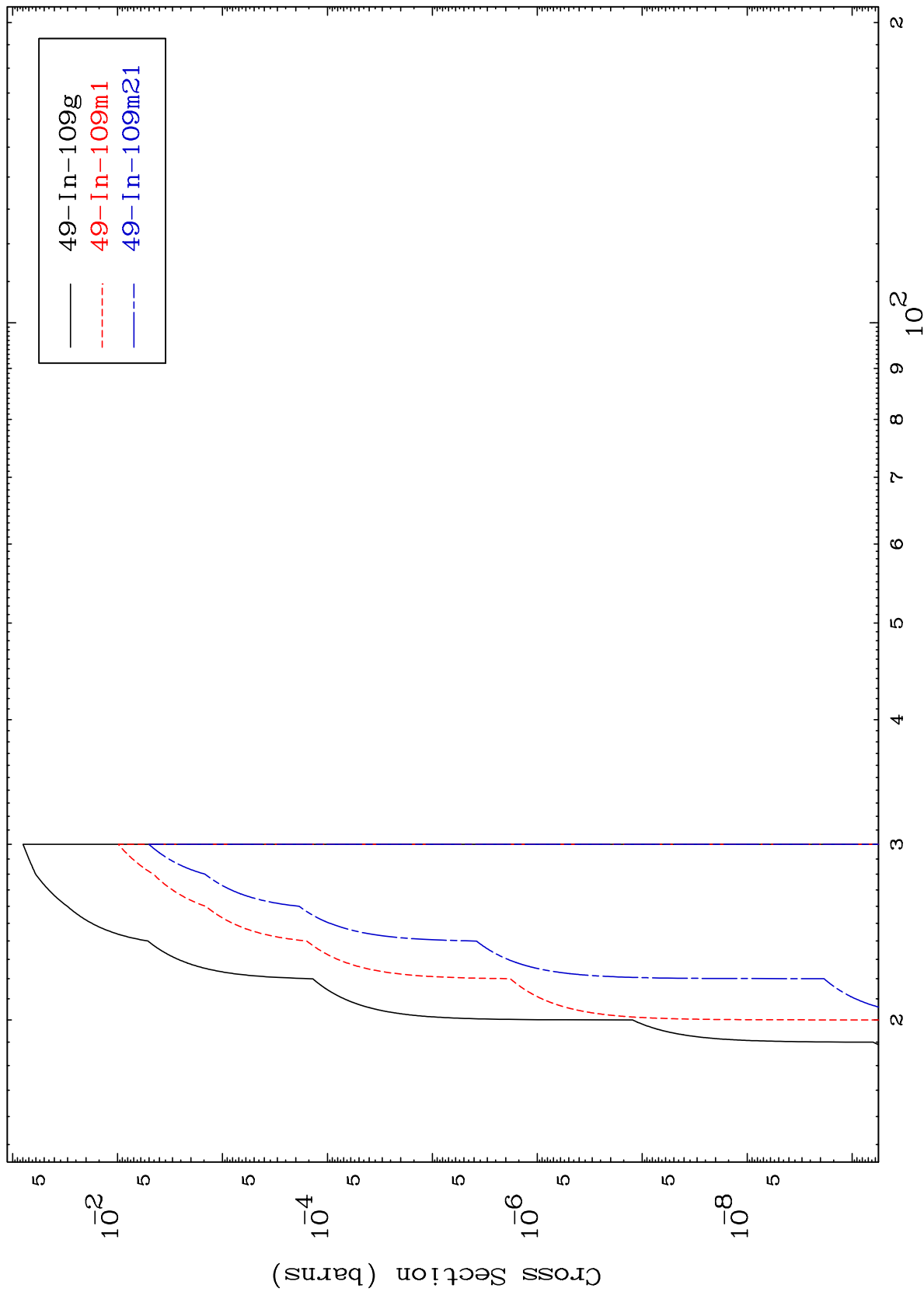
50-Sn-111

MAT 5022

(p,2n) p

50-Sn-111

Radionuclide Production Cross Section



15

Incident Energy (MeV)

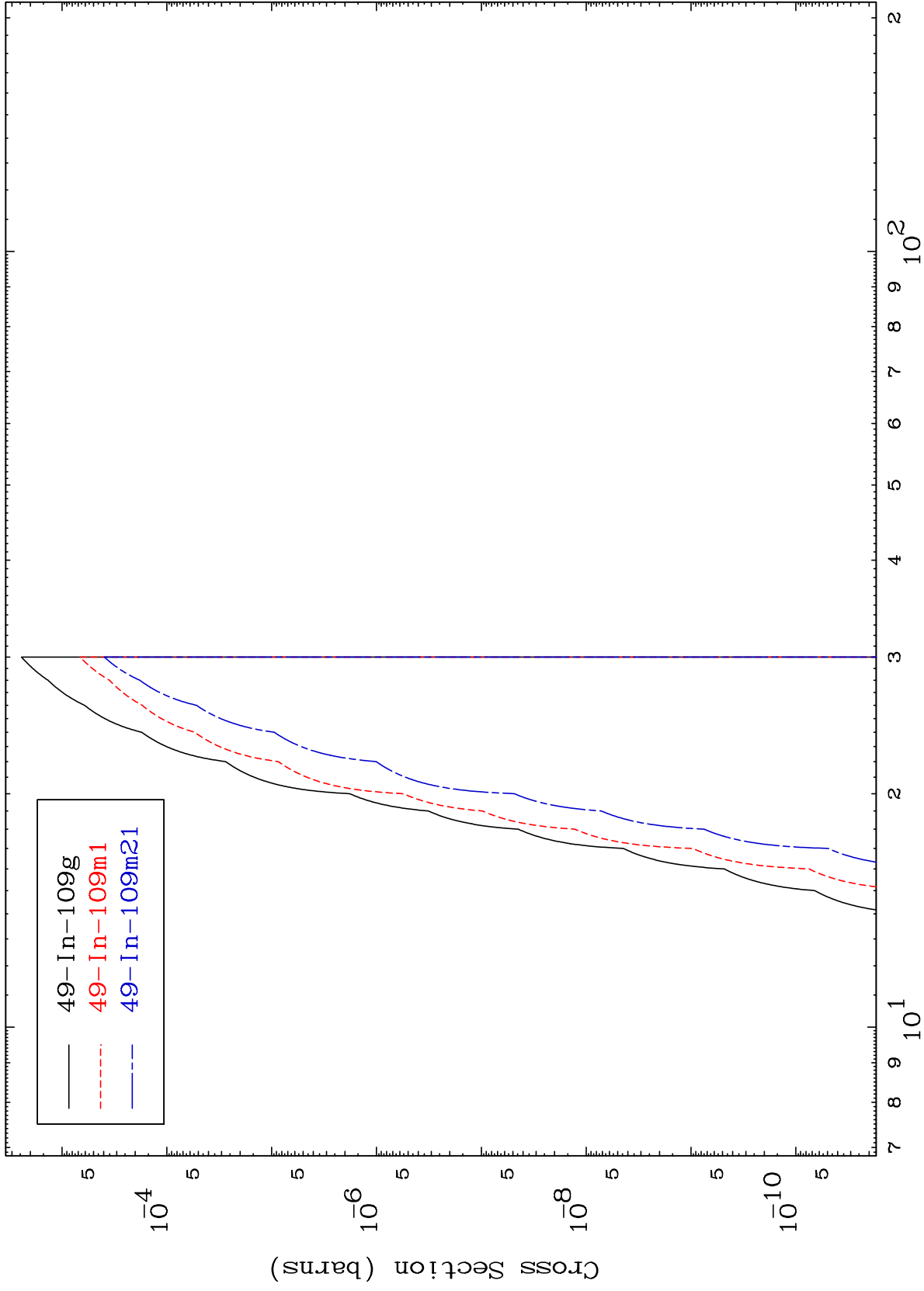
50-Sn-111



MAT 5022

50-Sn-111

Radionuclide Production Cross Section  
(p,He-3)



50-Sn-111

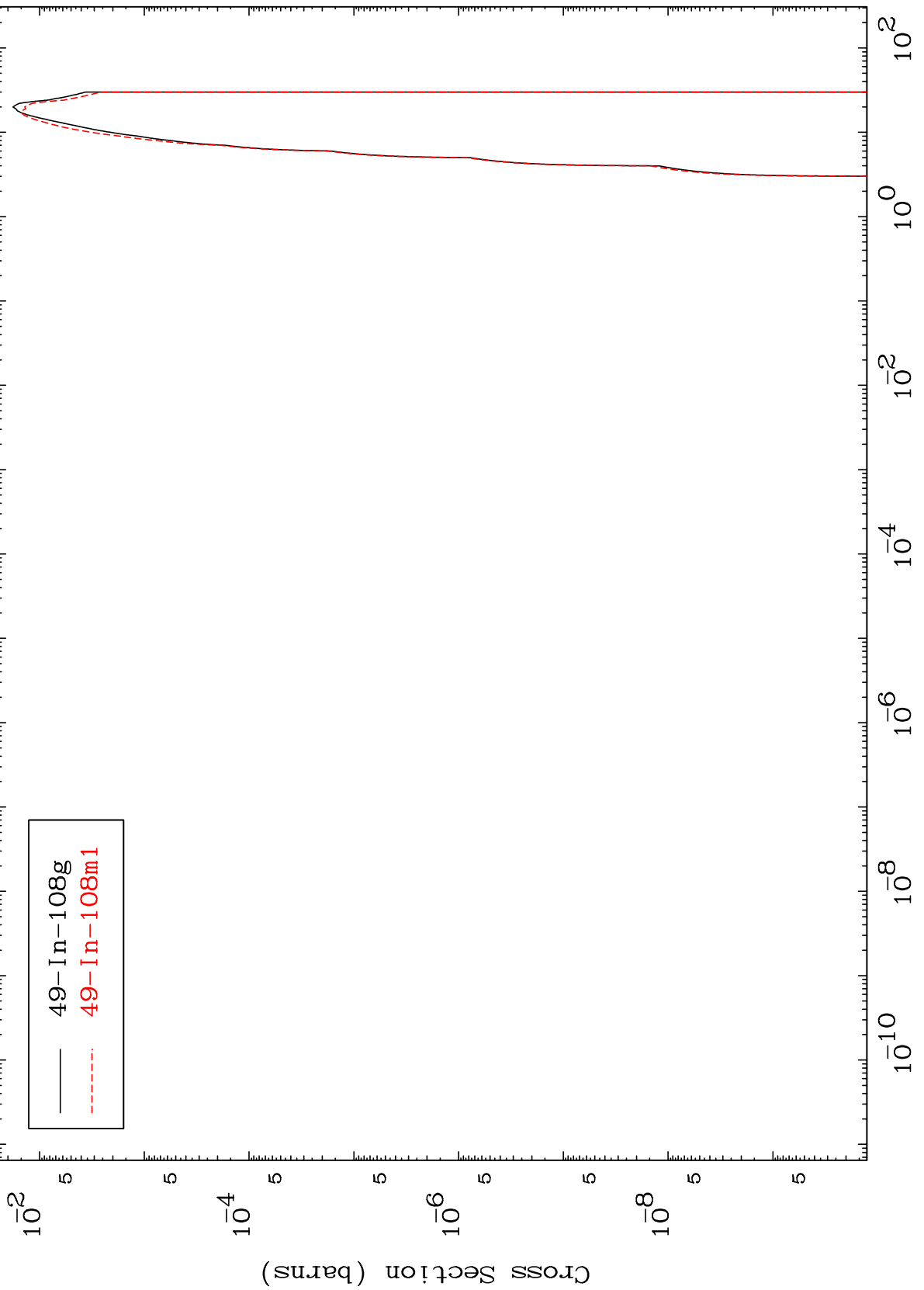
Incident Energy (MeV)

16

MAT 5022

50-Sn-111

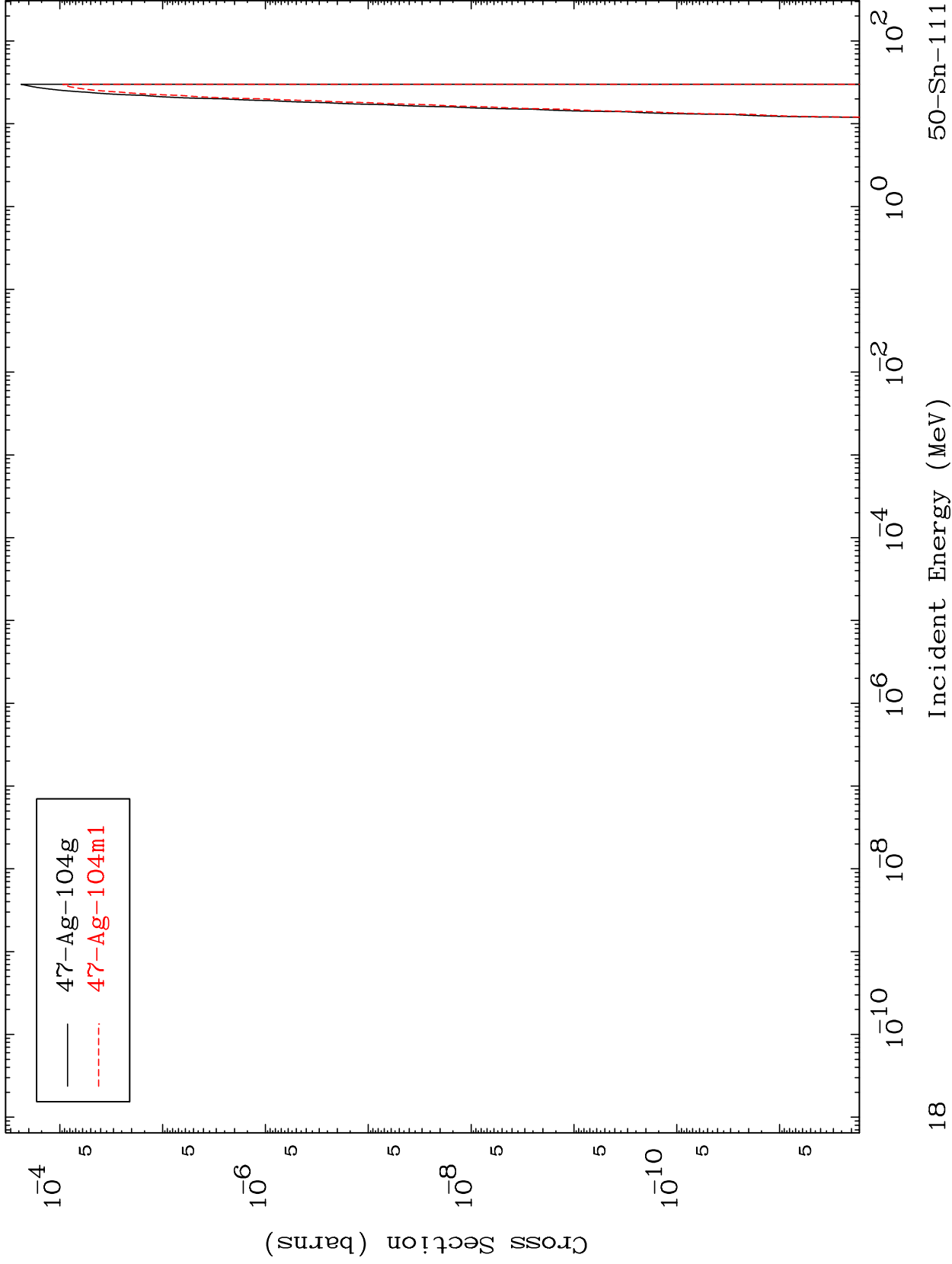
Radionuclide Production Cross Section  
(p,  $\alpha$ )



MAT 5022

50-Sn-111

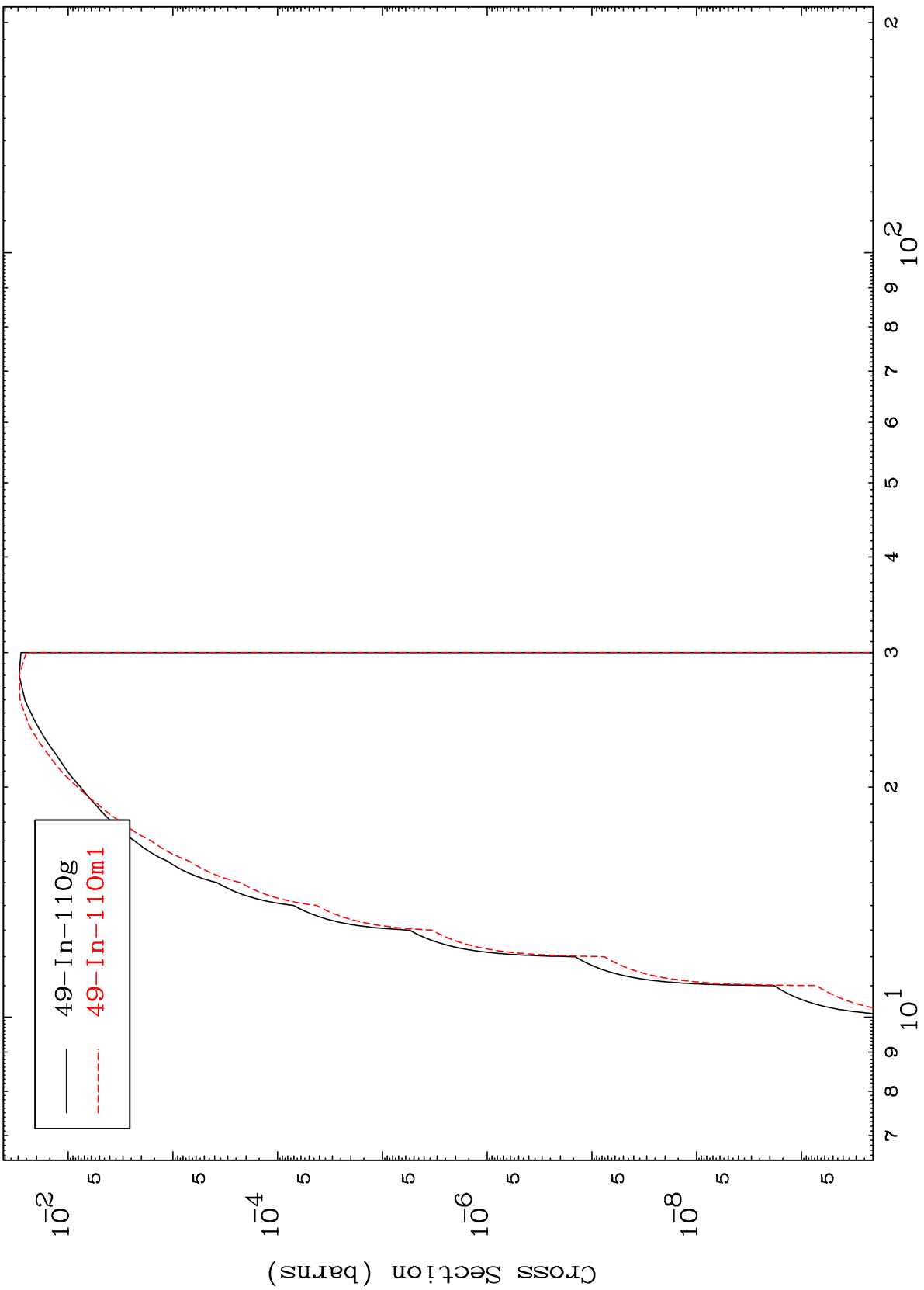
Radionuclide Production Cross Section  
(p,2 $\alpha$ )



MAT 5022

50-Sn-111

(p,2p)  
Radionuclide Production Cross Section



— 49-In-110g  
- - - 49-In-110m1

19

Incident Energy (MeV)

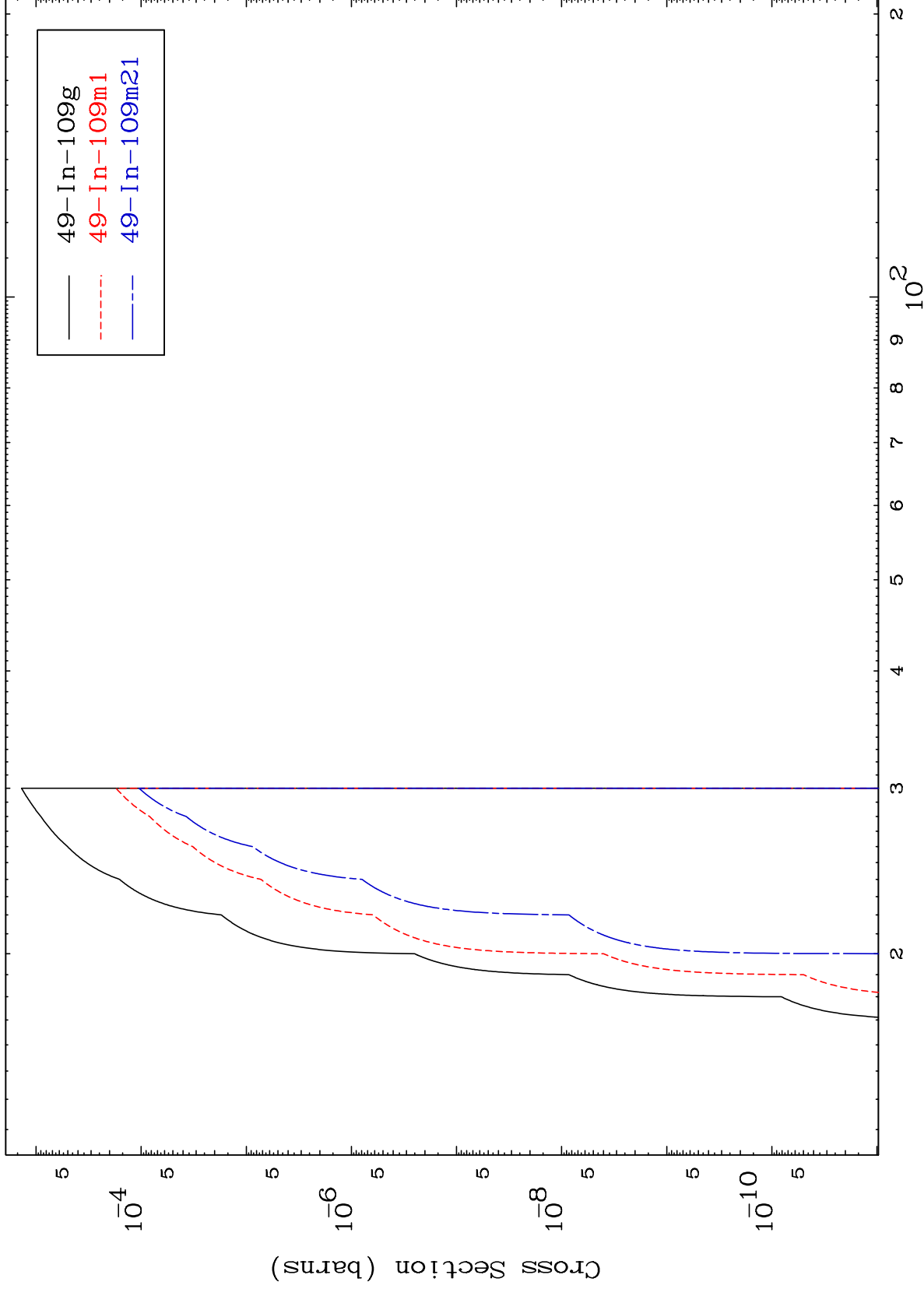
50-Sn-111

MAT 5022

(p,p) d

50-Sn-111

Radionuclide Production Cross Section



20

Incident Energy (MeV)

50-Sn-111

MAT 5022

(p,p) t

50-Sn-111

