

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](mailto:redcullen1@comcast.net)

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

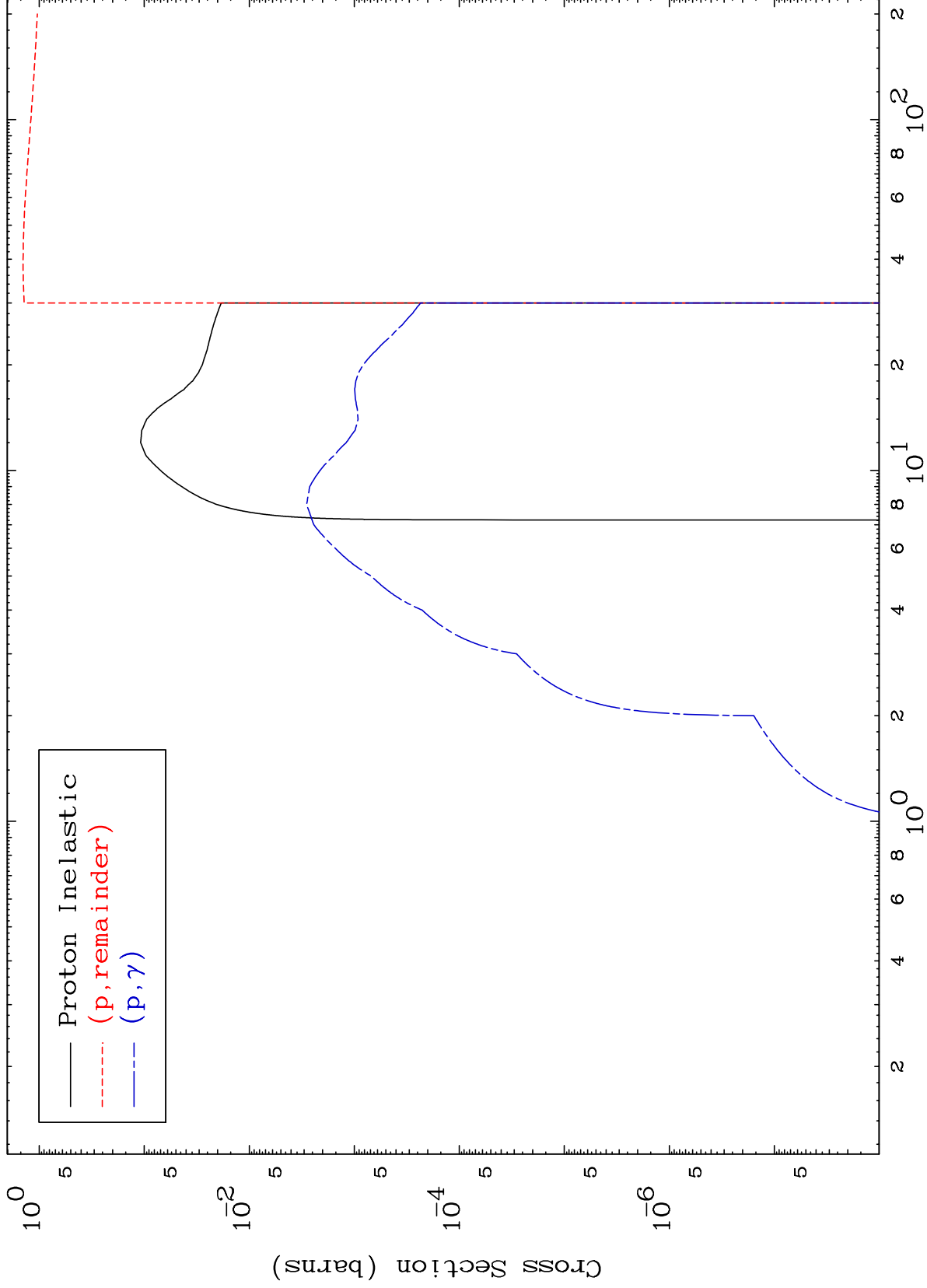
Press Mouse Button to Start

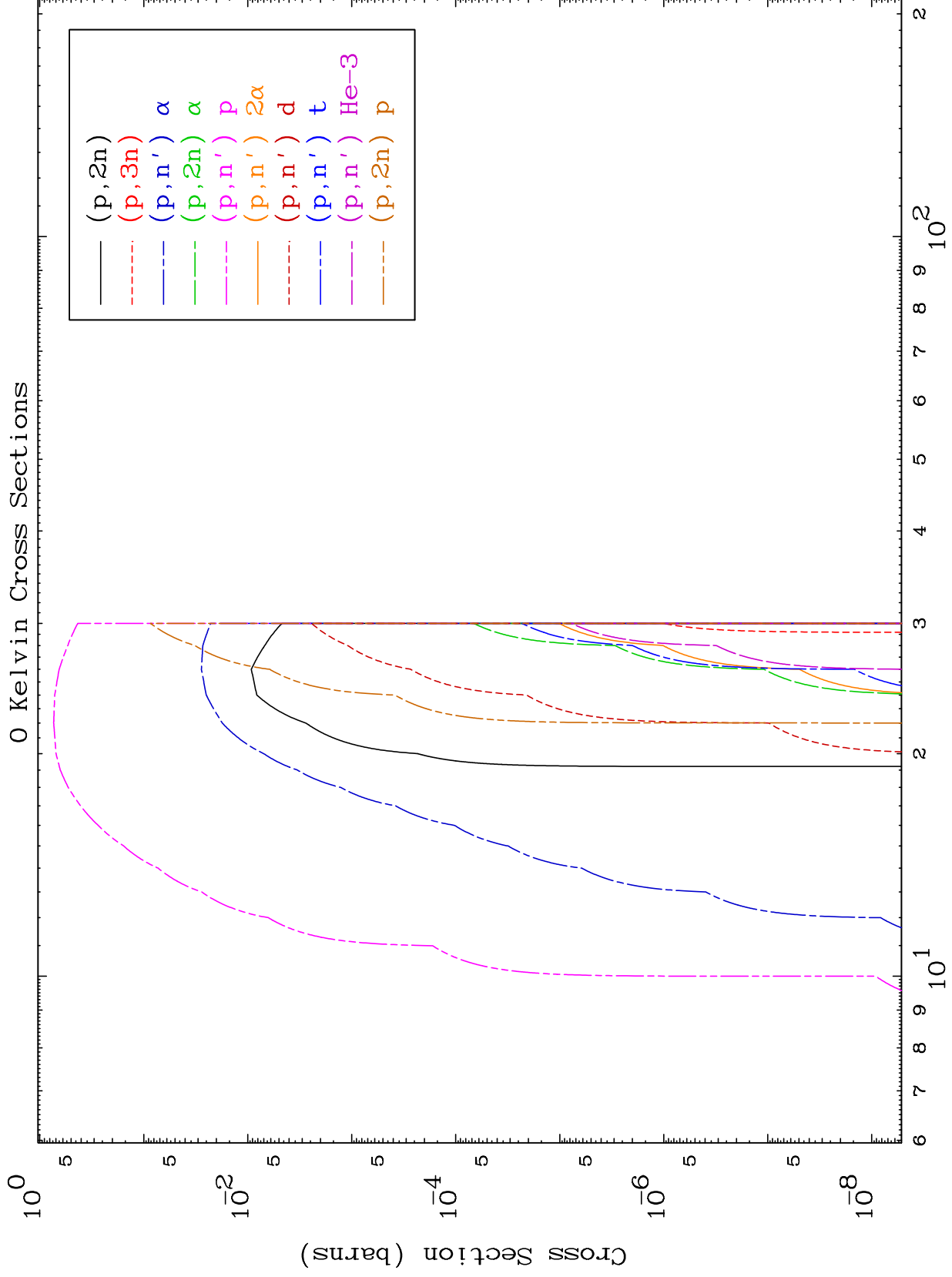
MAT 5016

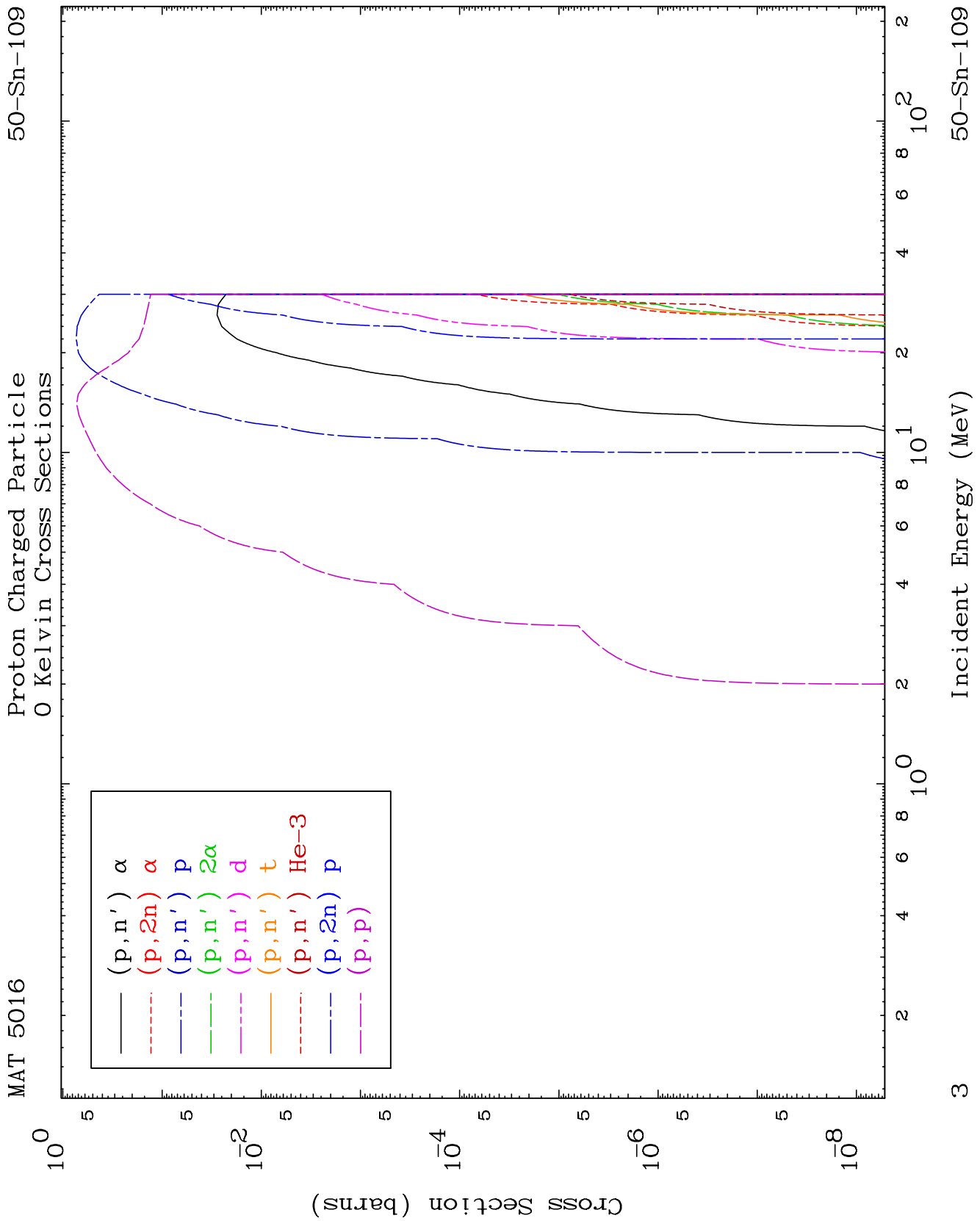
Proton Major

50-Sn-109

0 Kelvin Cross Sections



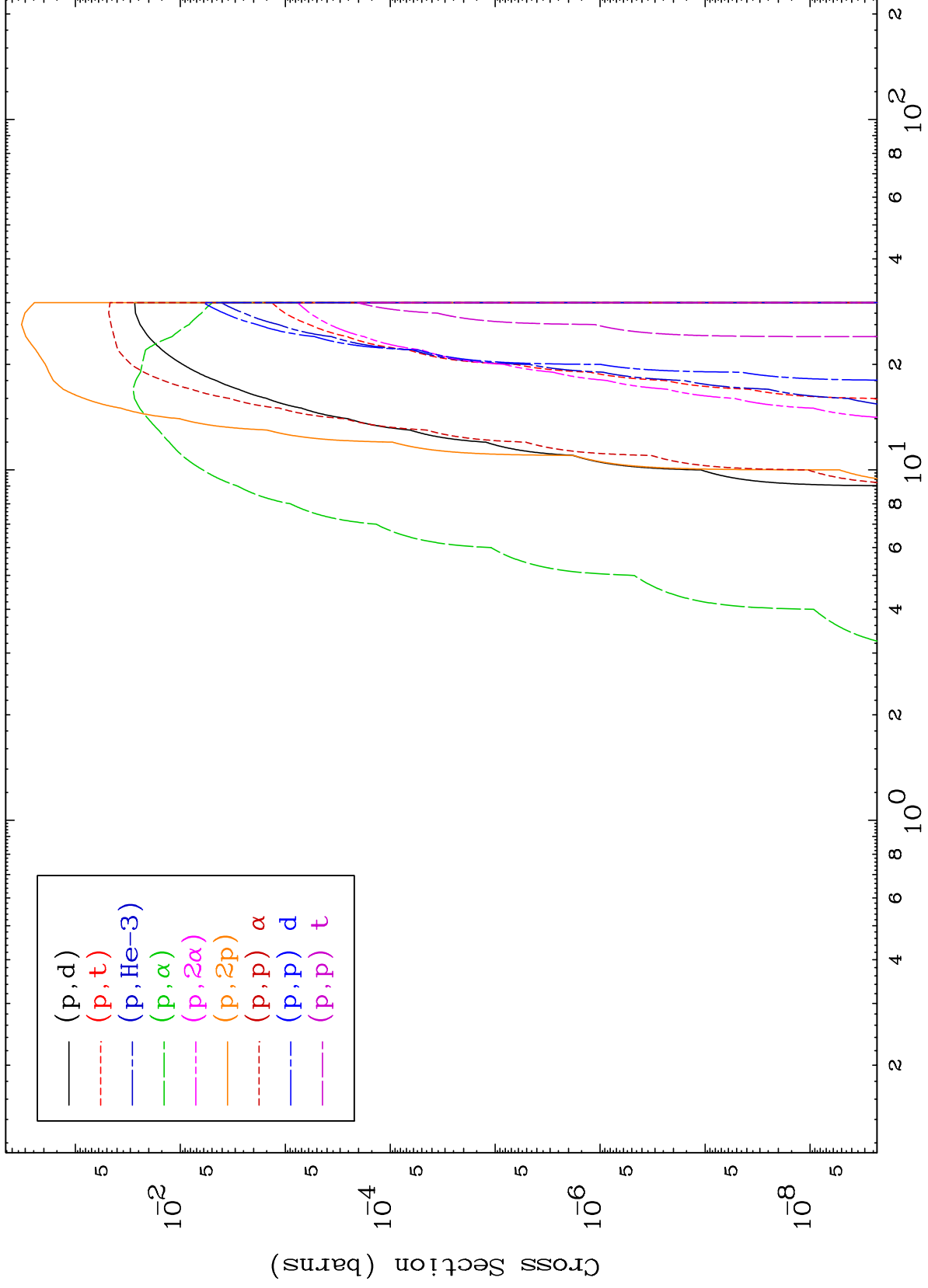




MAT 5016

Proton Charged Particle  
0 Kelvin Cross Sections

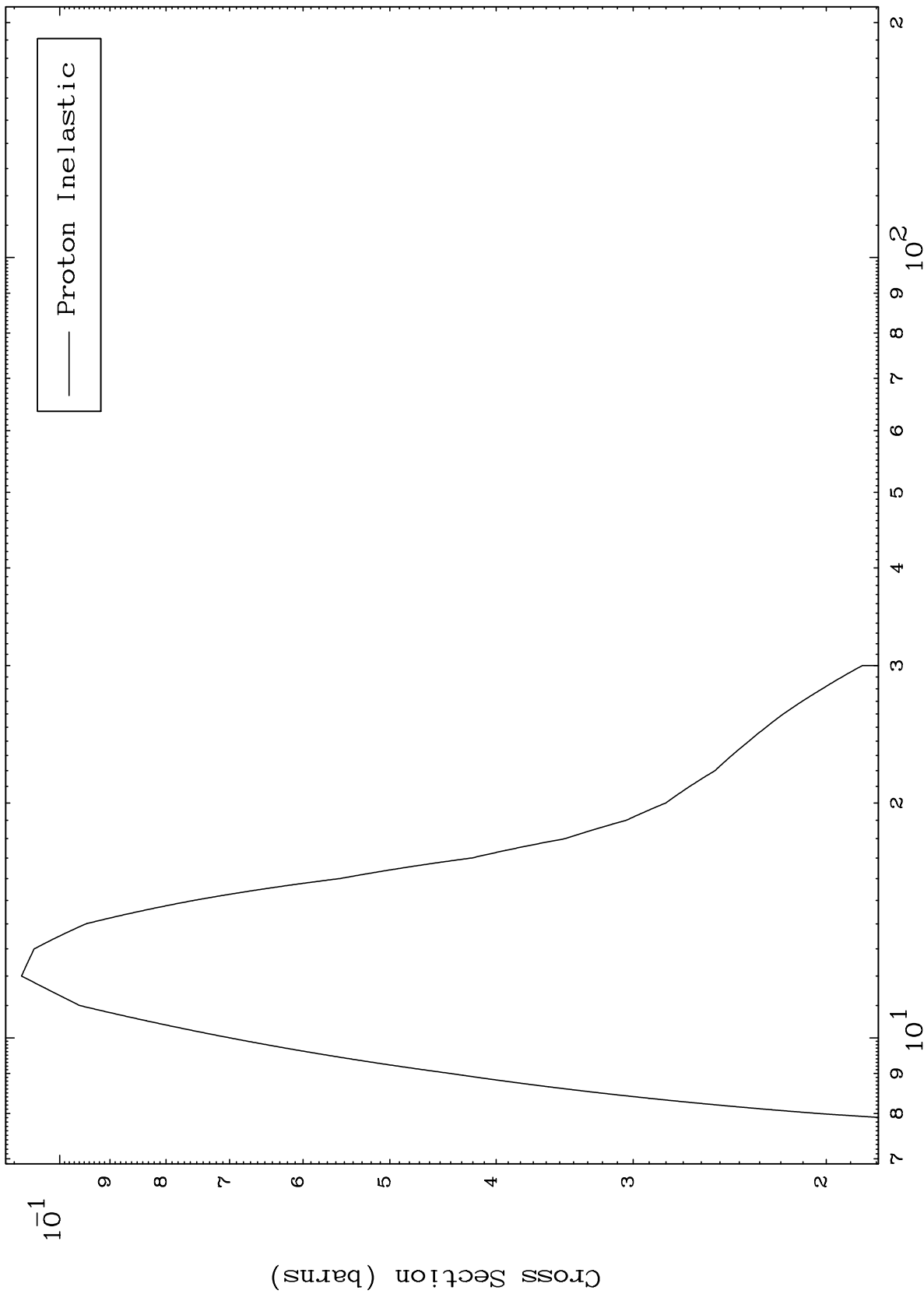
50-Sn-109



MAT 5016

50-Sn-109

(p,n') Level  
0 Kelvin Cross Sections



— Proton Inelastic

50-Sn-109

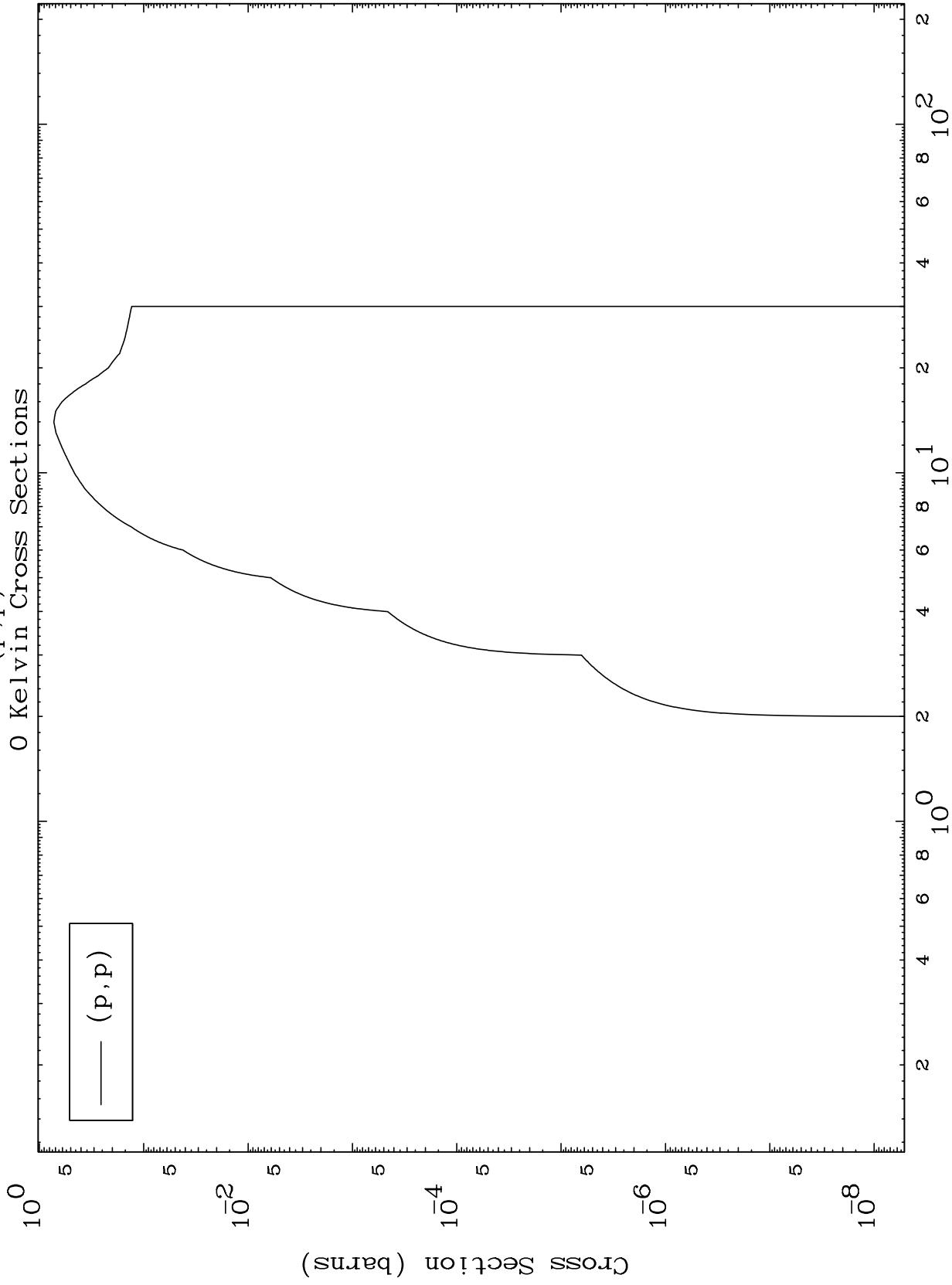
Incident Energy (MeV)

5

MAT 5016

(p,p) Levels

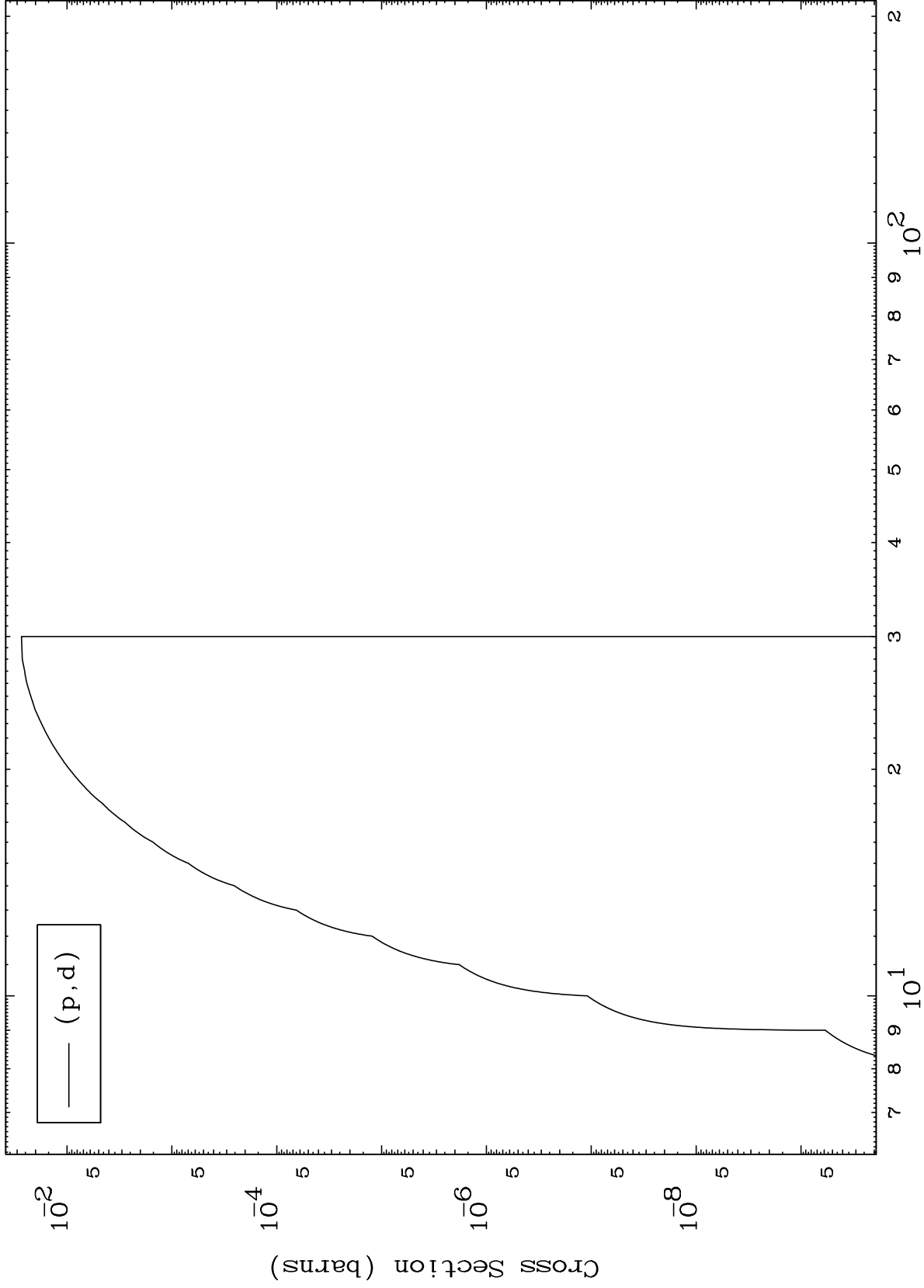
50-Sn-109



MAT 5016

(p,d) Levels  
0 Kelvin Cross Sections

50-Sn-109



7

Incident Energy (MeV)

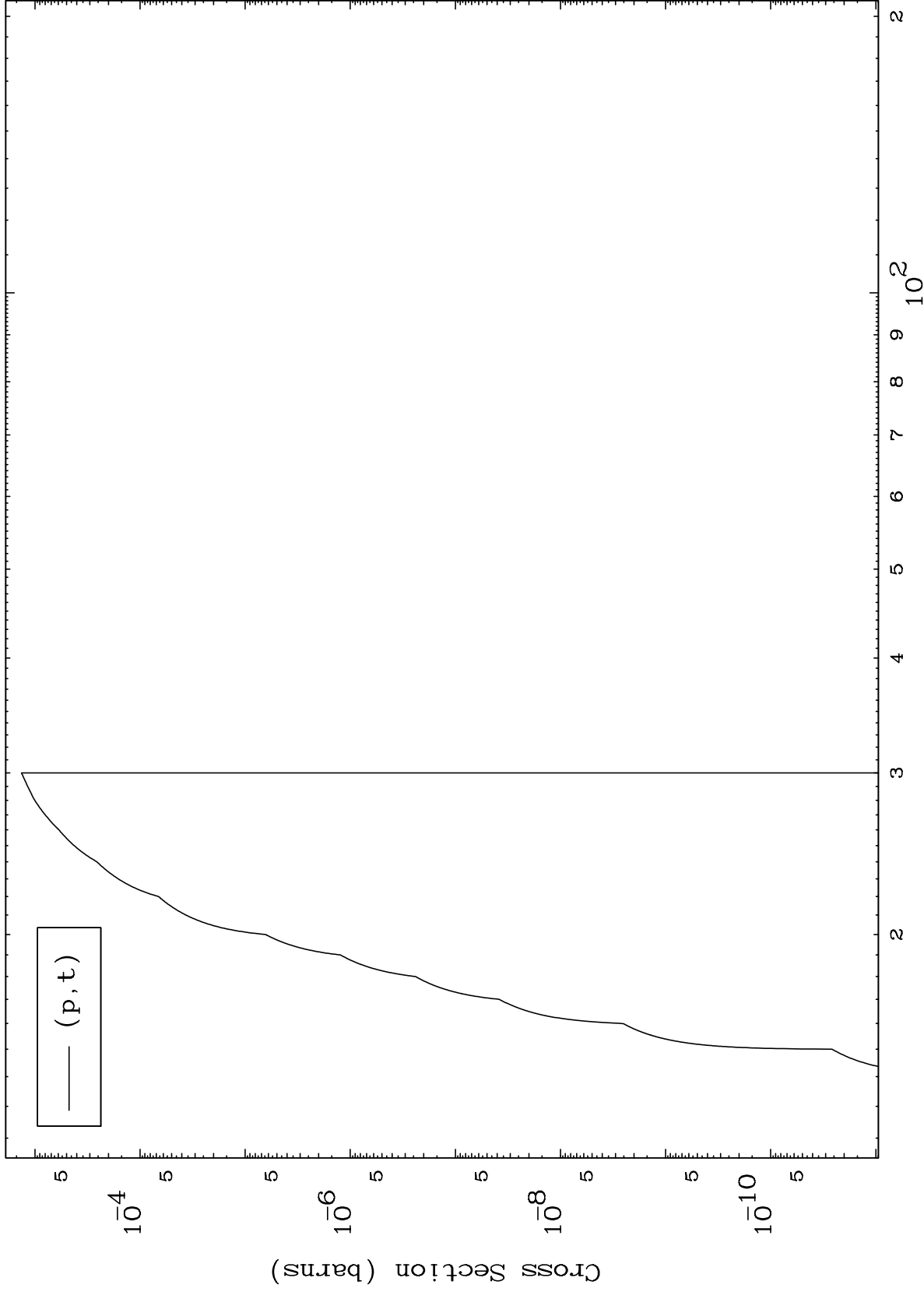
50-Sn-109



MAT 5016

50-Sn-109

(p,t) Levels  
0 Kelvin Cross Sections



8

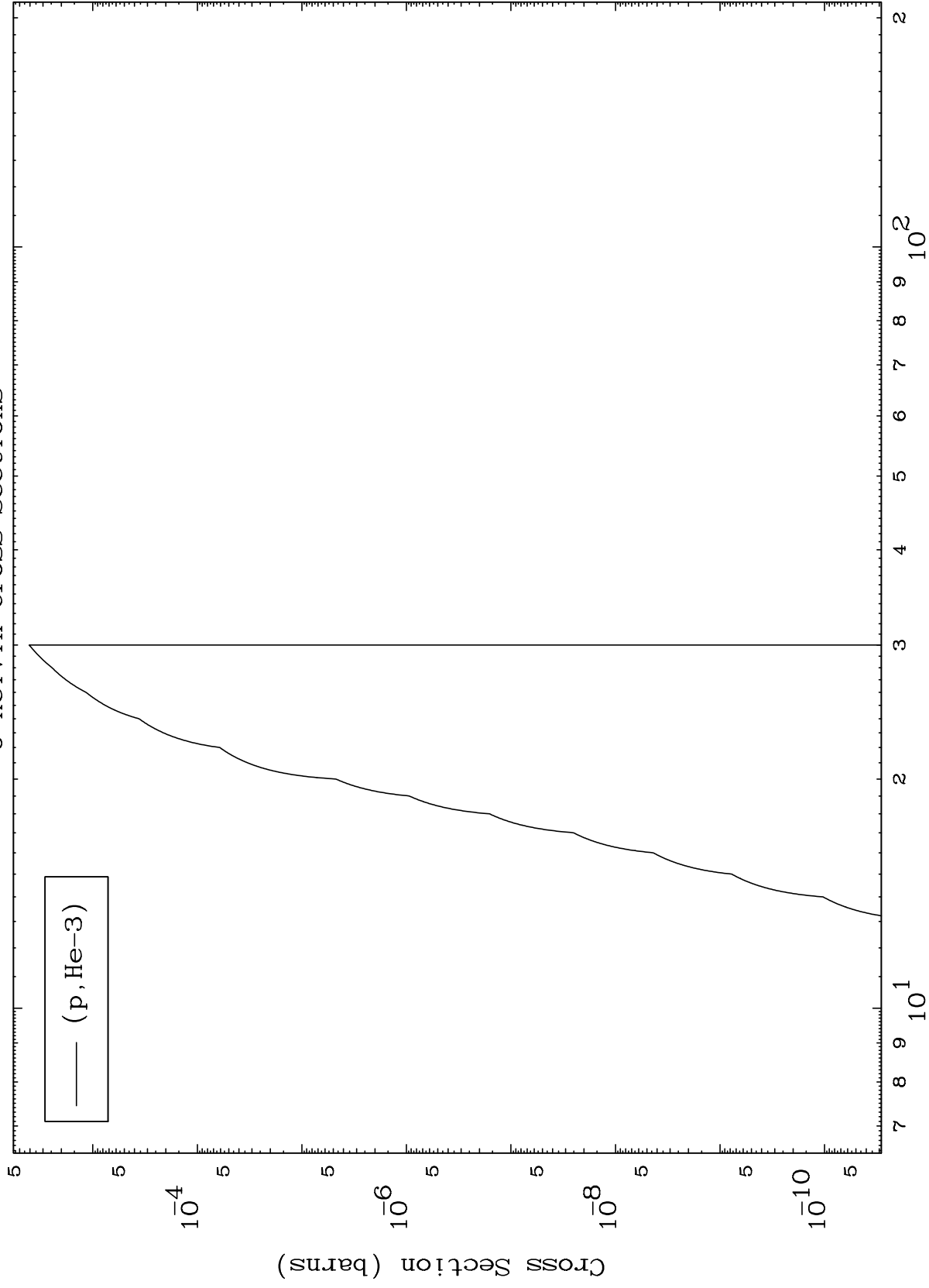
Incident Energy (MeV)

50-Sn-109

MAT 5016

(p,He3) Levels  
0 Kelvin Cross Sections

50-Sn-109



9

Incident Energy (MeV)

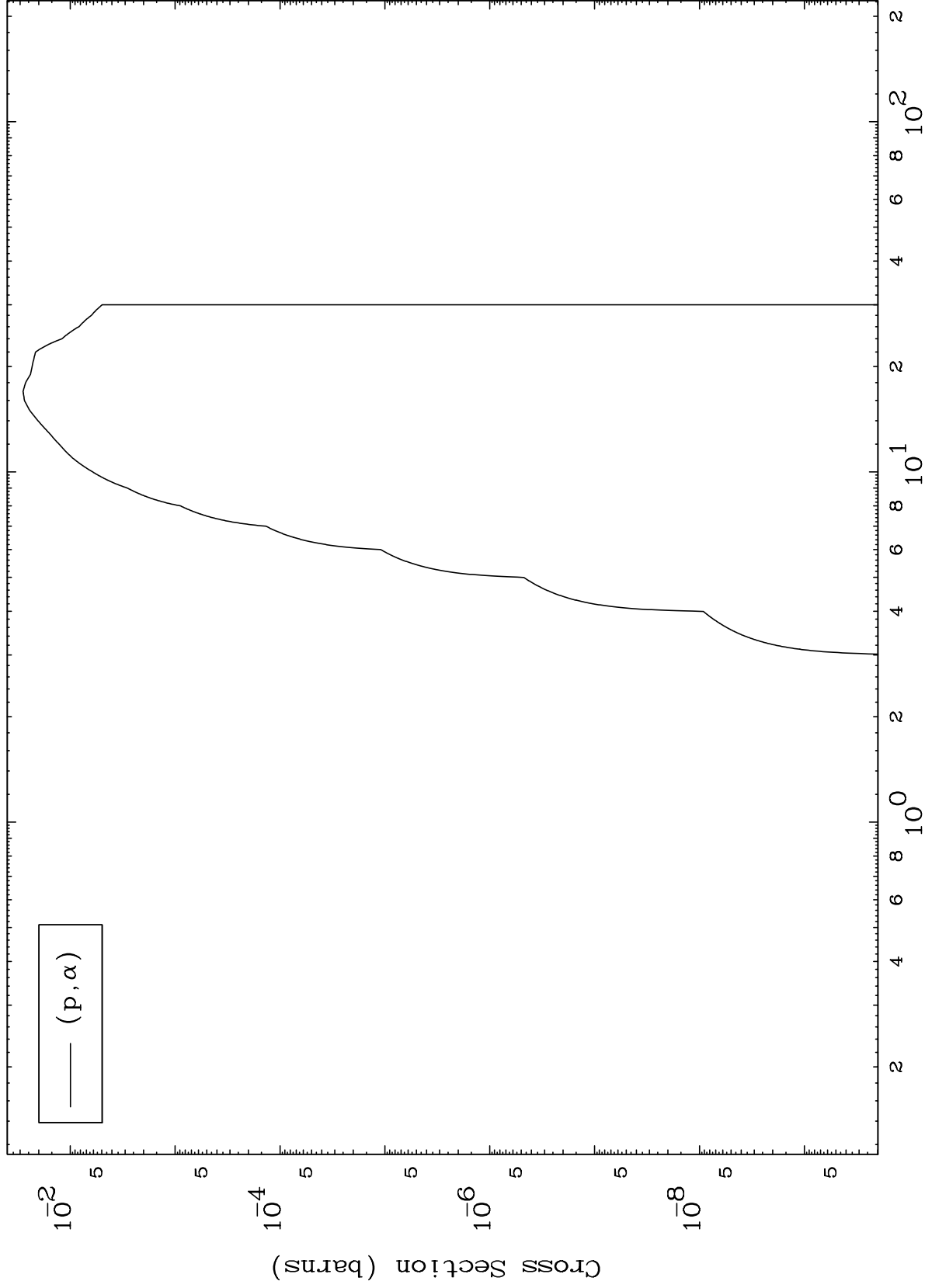
50-Sn-109

MAT 5016

(p,  $\alpha$ ) Levels

50-Sn-109

0 Kelvin Cross Sections



10

Incident Energy (MeV)

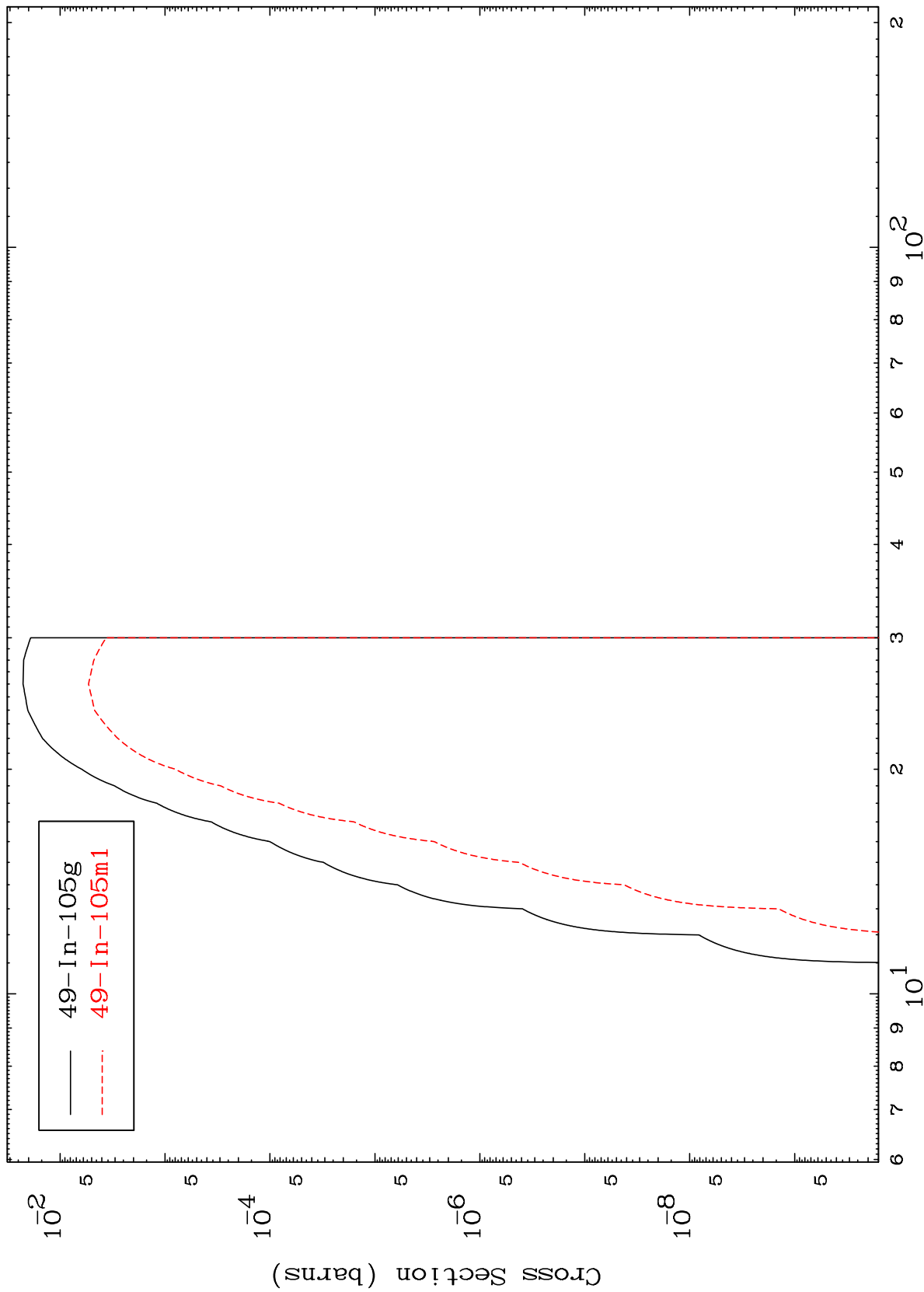
50-Sn-109

MAT 5016

(p,n')  $\alpha$

50-Sn-109

Radionuclide Production Cross Section



11

Incident Energy (MeV)

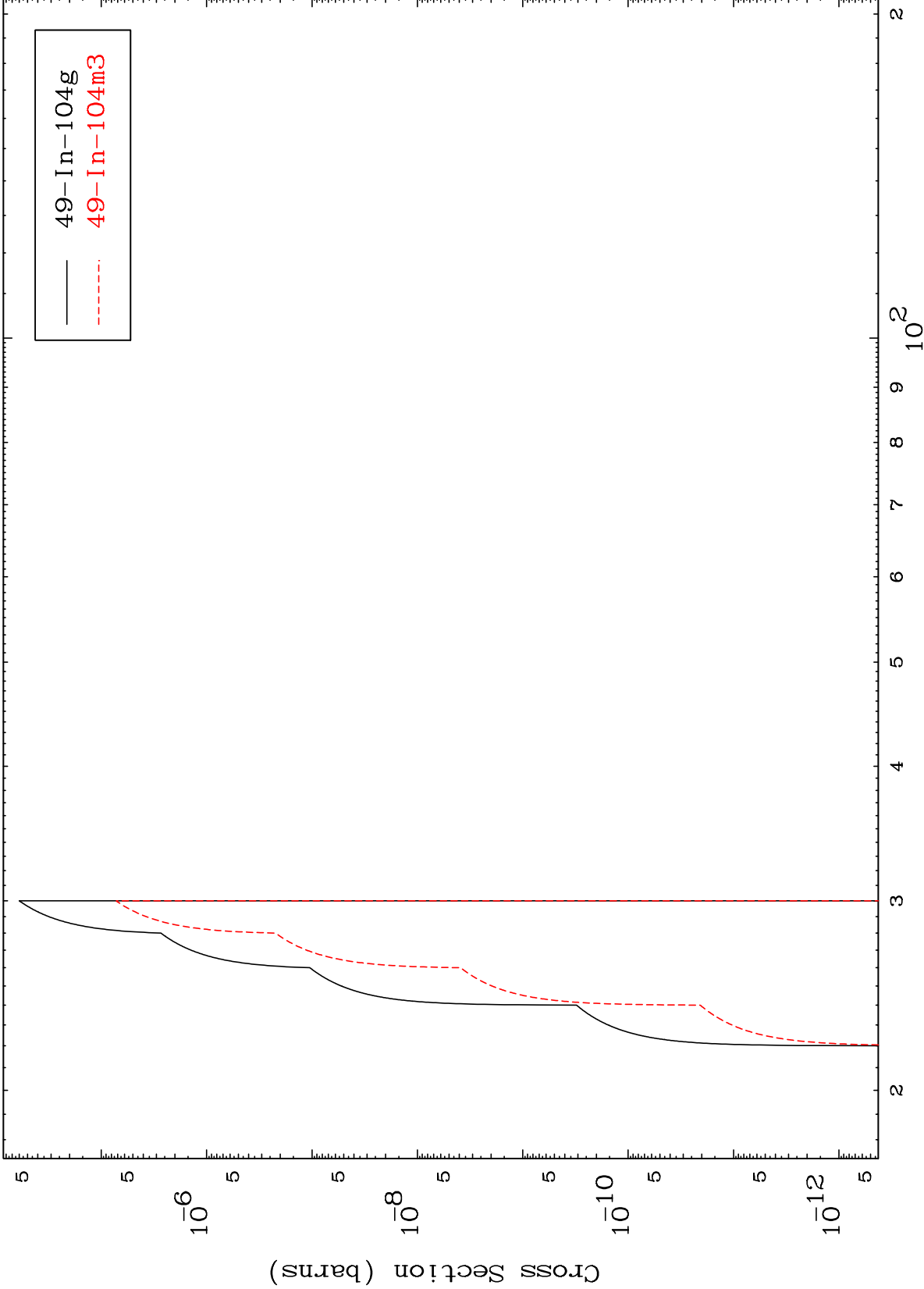
50-Sn-109

MAT 5016

(p,2n)  $\alpha$

50-Sn-109

Radionuclide Production Cross Section



12

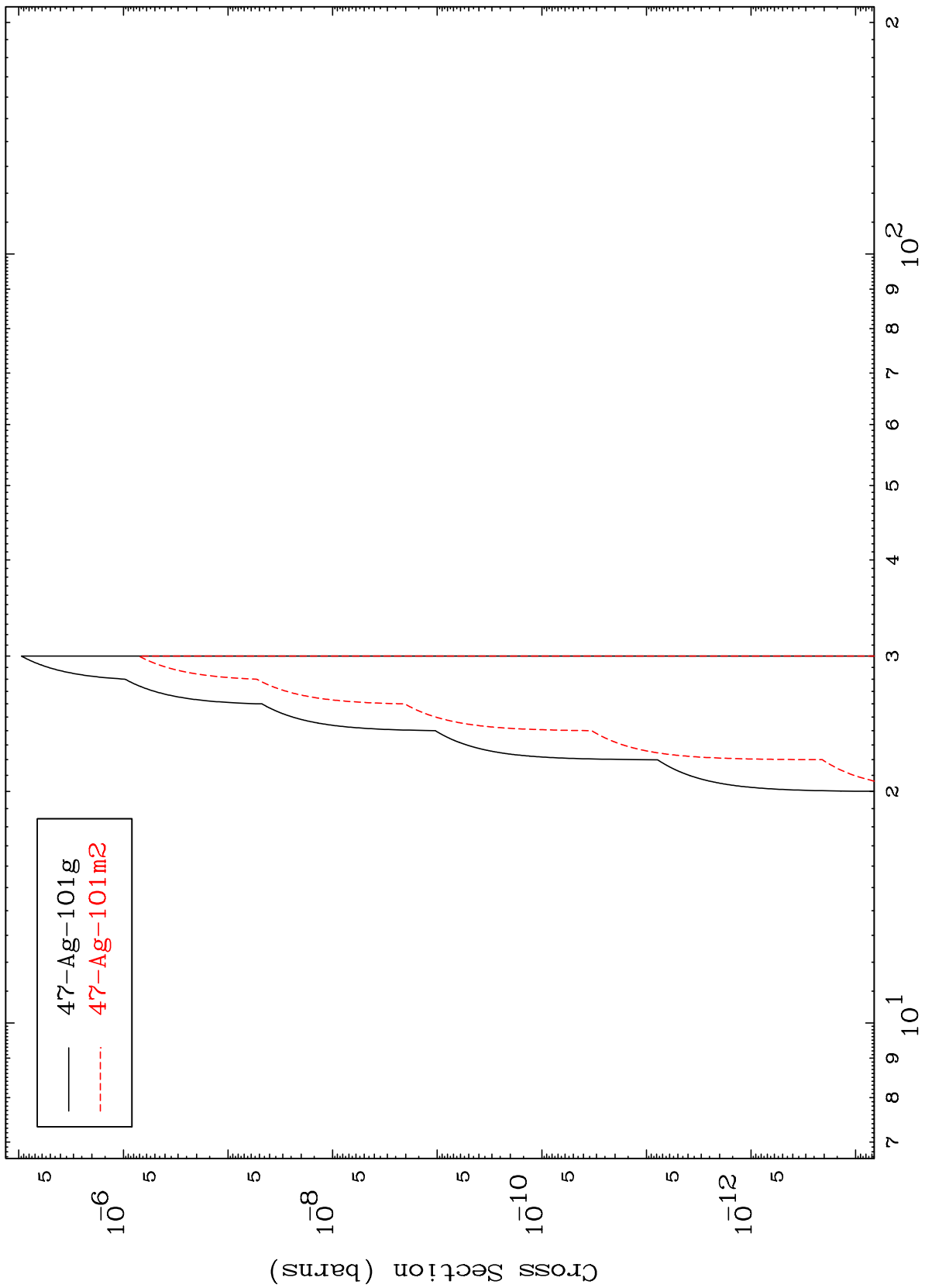
Incident Energy (MeV)

50-Sn-109

MAT 5016

50-Sn-109

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



— 47-Ag-101g  
- - - 47-Ag-101m2

13

Incident Energy (MeV)

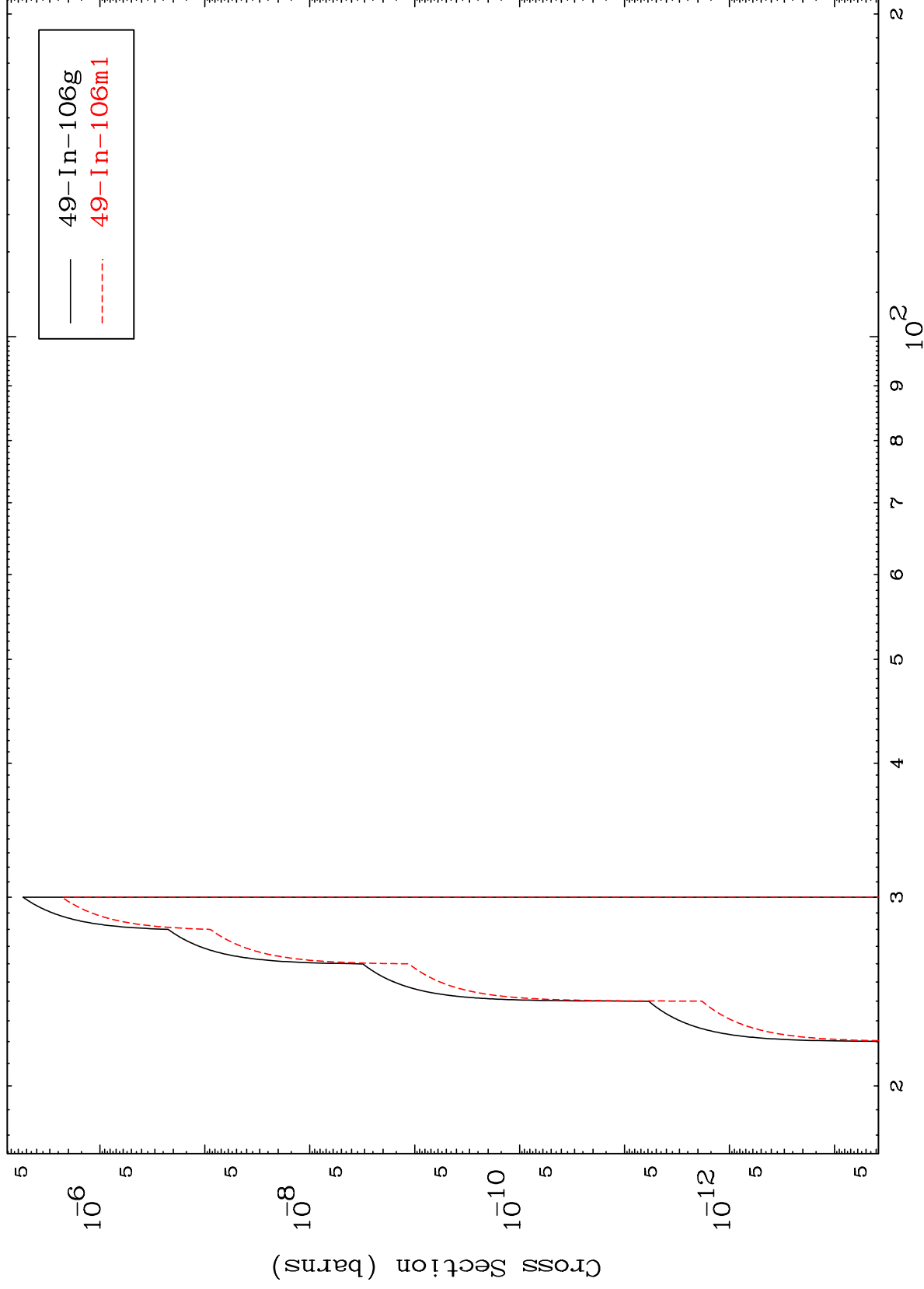
50-Sn-109

MAT 5016

(p,n') He-3

50-Sn-109

Radionuclide Production Cross Section



14

Incident Energy (MeV)

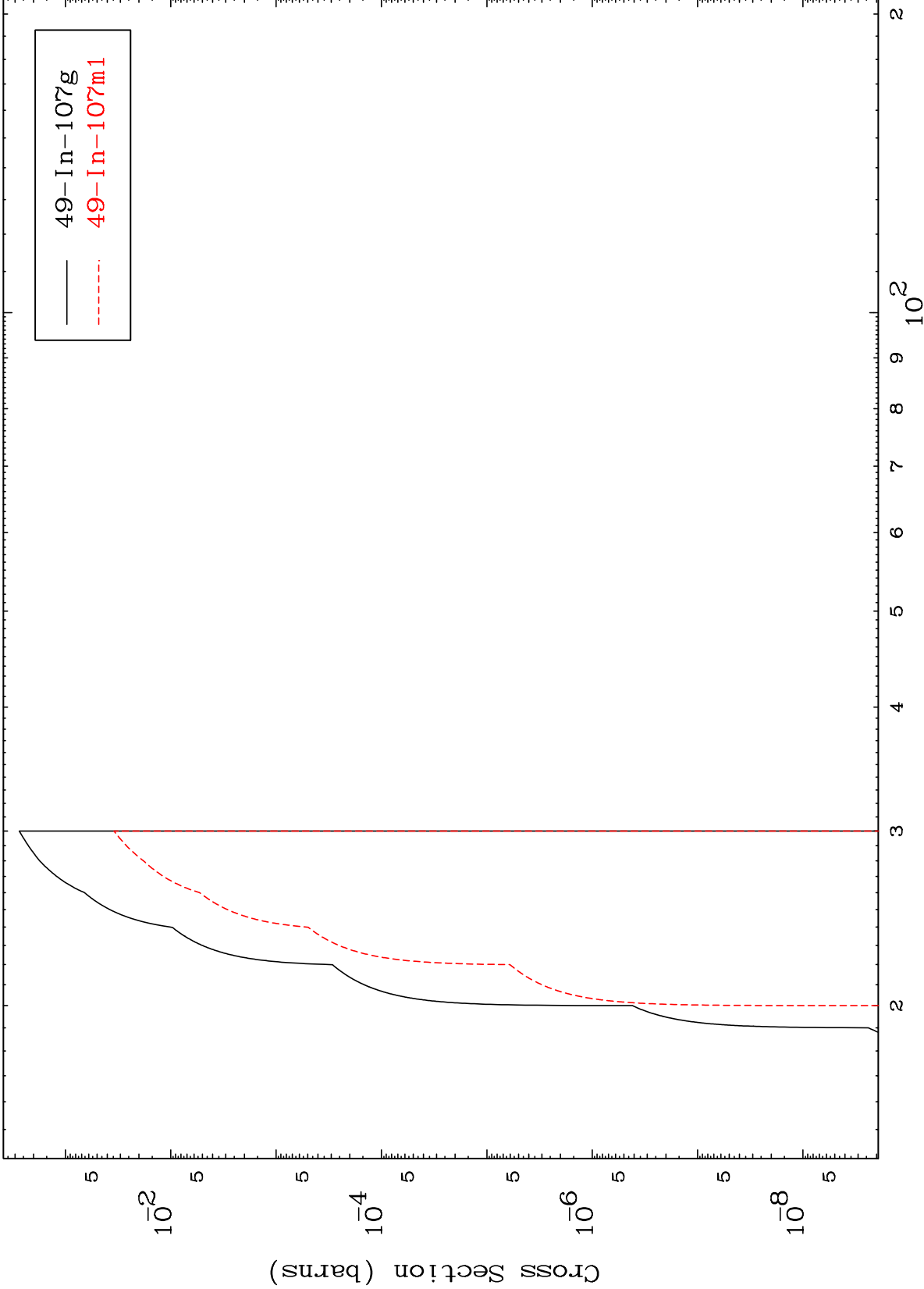
50-Sn-109

MAT 5016

(p,2n) p

50-Sn-109

Radionuclide Production Cross Section



15

Incident Energy (MeV)

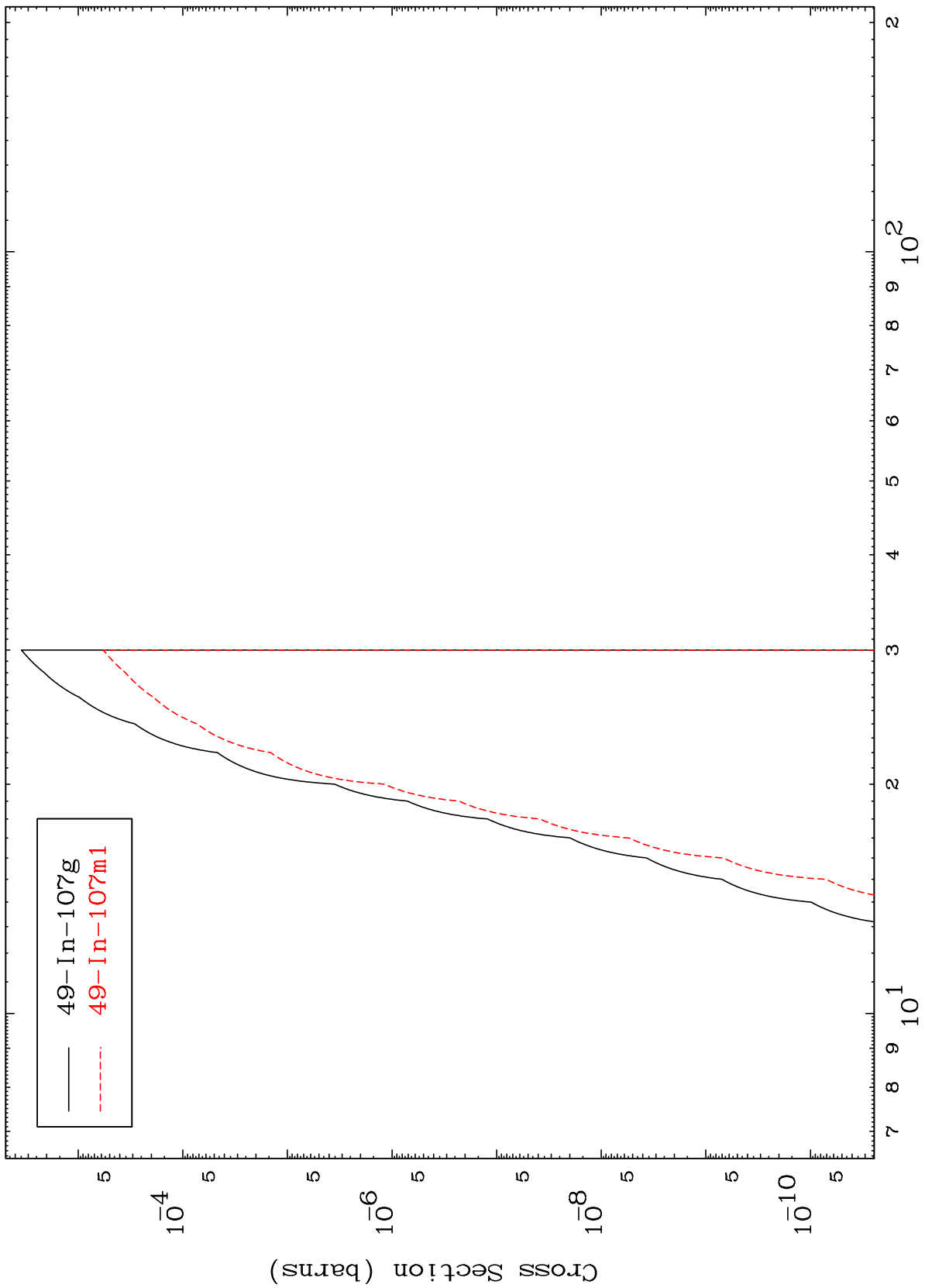
50-Sn-109



MAT 5016

50-Sn-109

(p,He-3)  
Radionuclide Production Cross Section



16

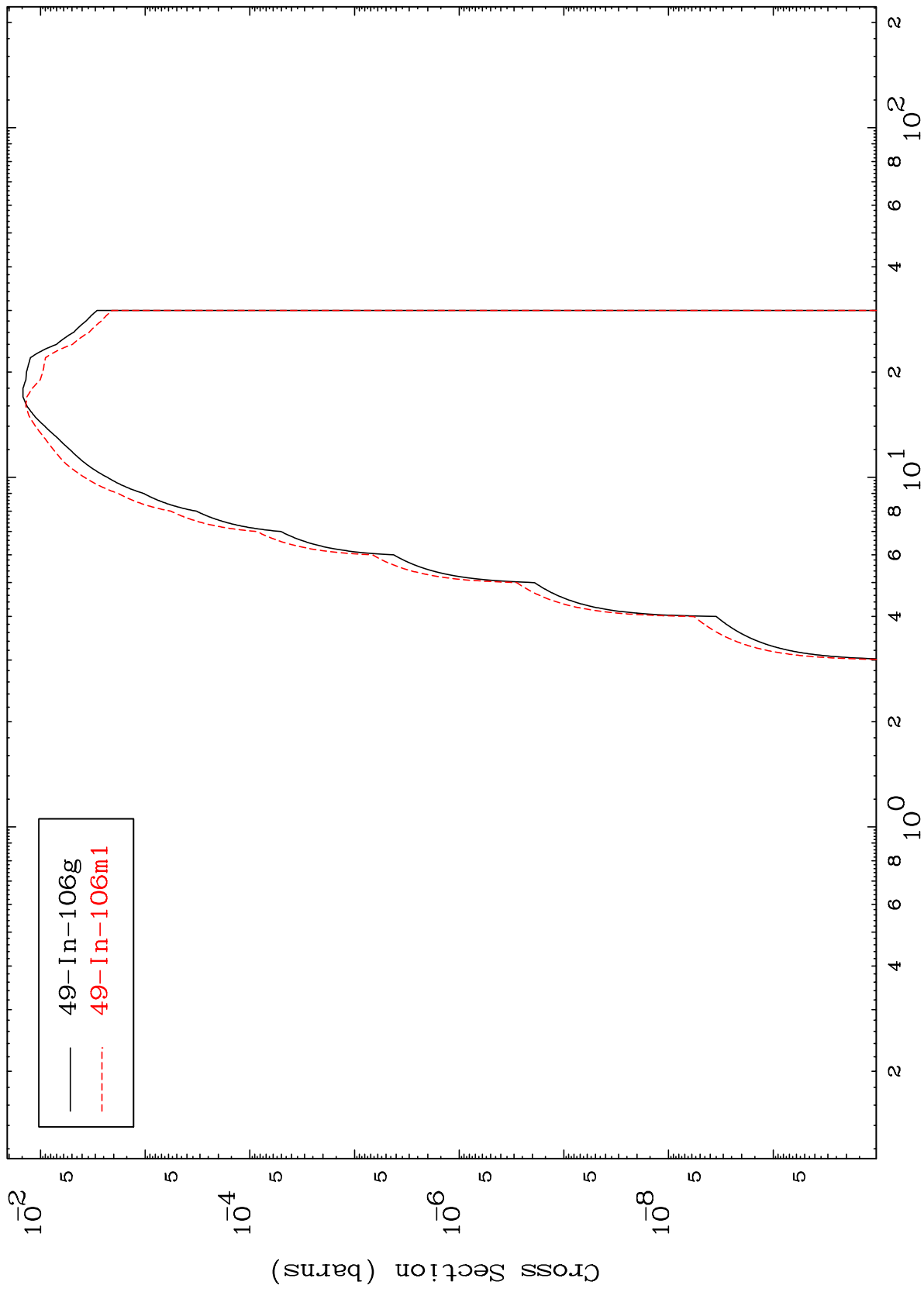
Incident Energy (MeV)

50-Sn-109

MAT 5016

50-Sn-109

Radionuclide Production Cross Section



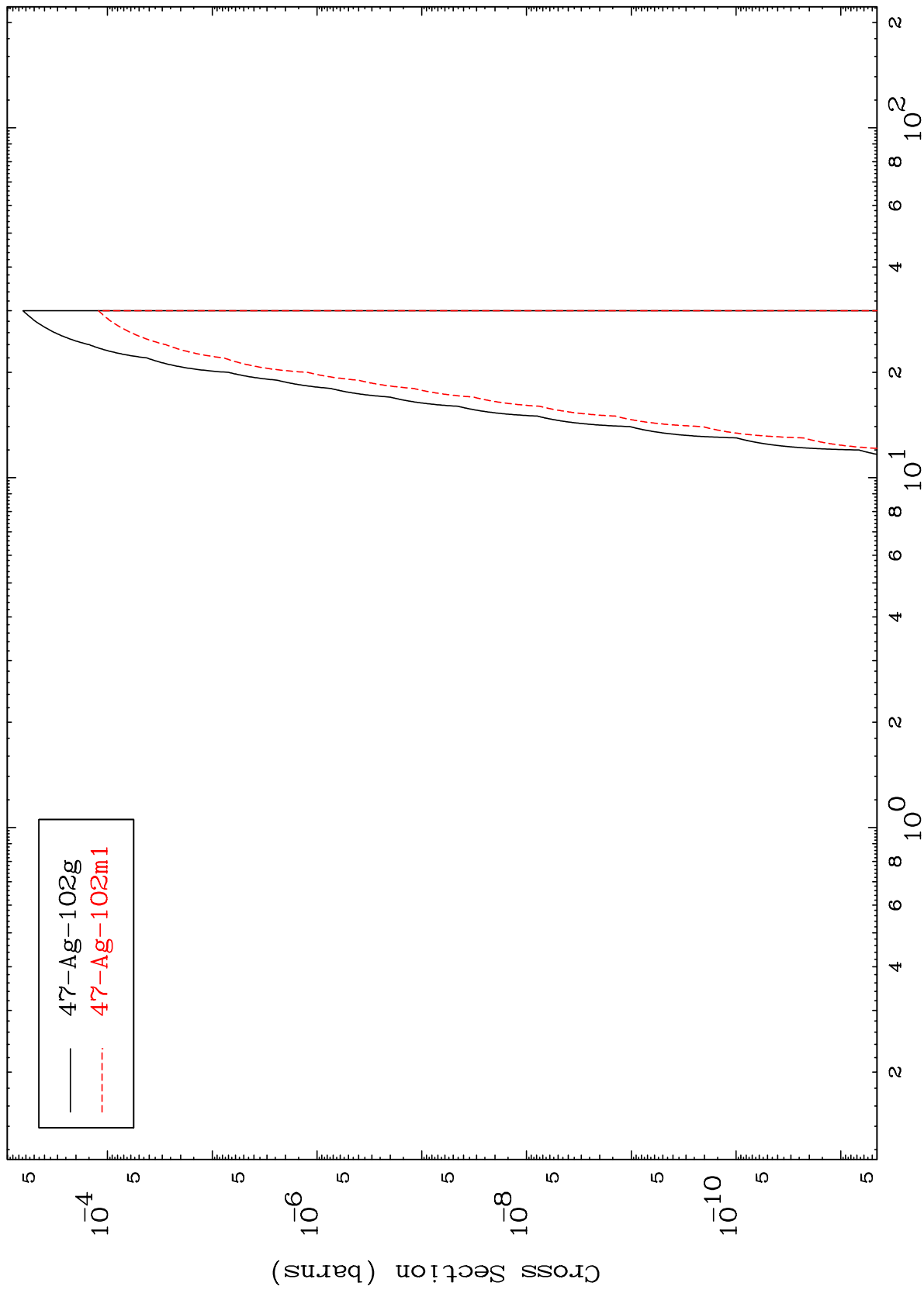
Incident Energy (MeV)

50-Sn-109

MAT 5016

50-Sn-109

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



50-Sn-109

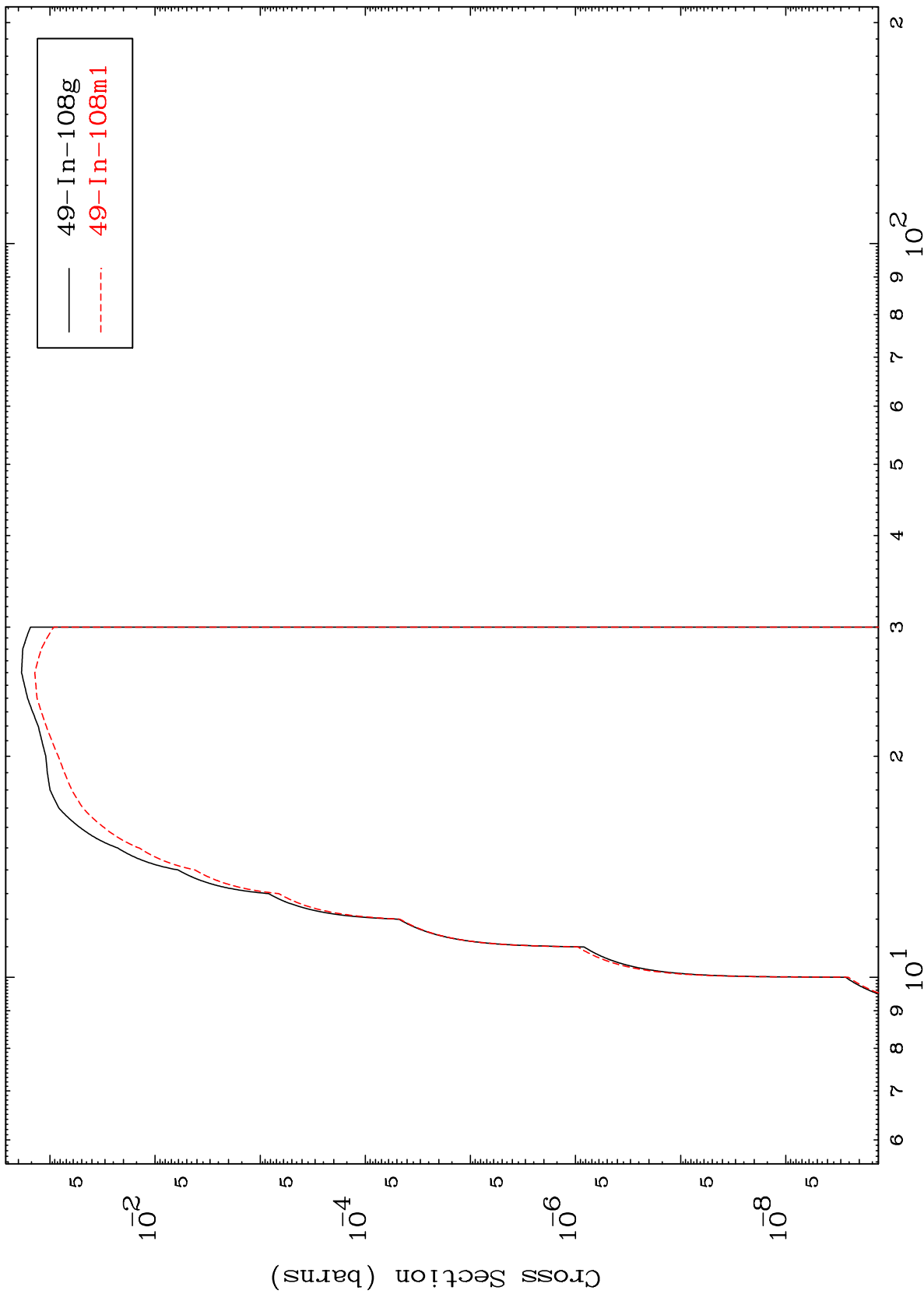
Incident Energy (MeV)

18

MAT 5016

50-Sn-109

(p,2p)  
Radionuclide Production Cross Section



49-In-108g  
49-In-108m1

19

Incident Energy (MeV)

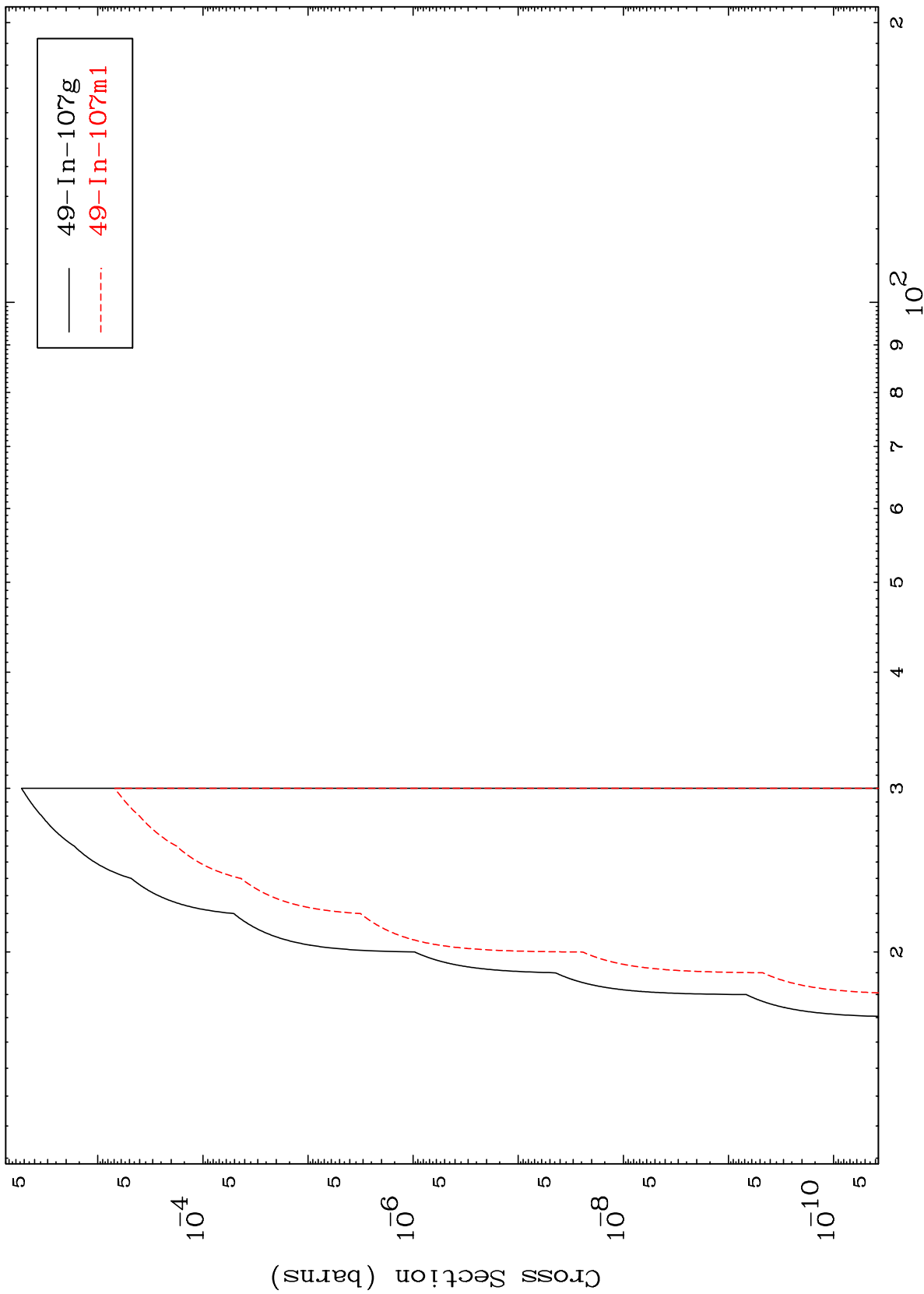
50-Sn-109

MAT 5016

(p,p) d

50-Sn-109

Radionuclide Production Cross Section



20

Incident Energy (MeV)

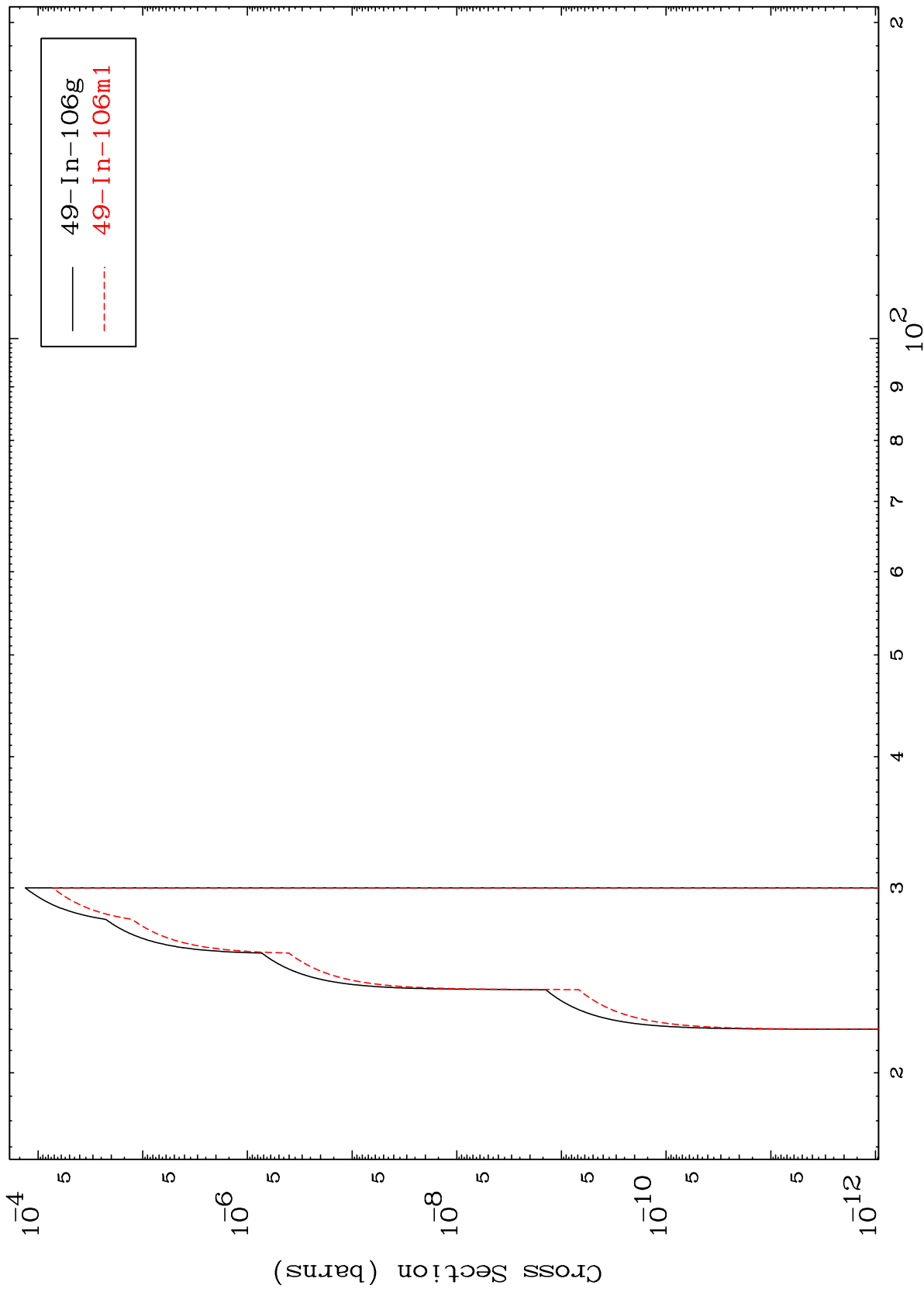
50-Sn-109

MAT 5016

(p,p) t

50-Sn-109

Radionuclide Production Cross Section



21

Incident Energy (MeV)

50-Sn-109