

Program EVALPLOT  
(Version 2021-1)

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

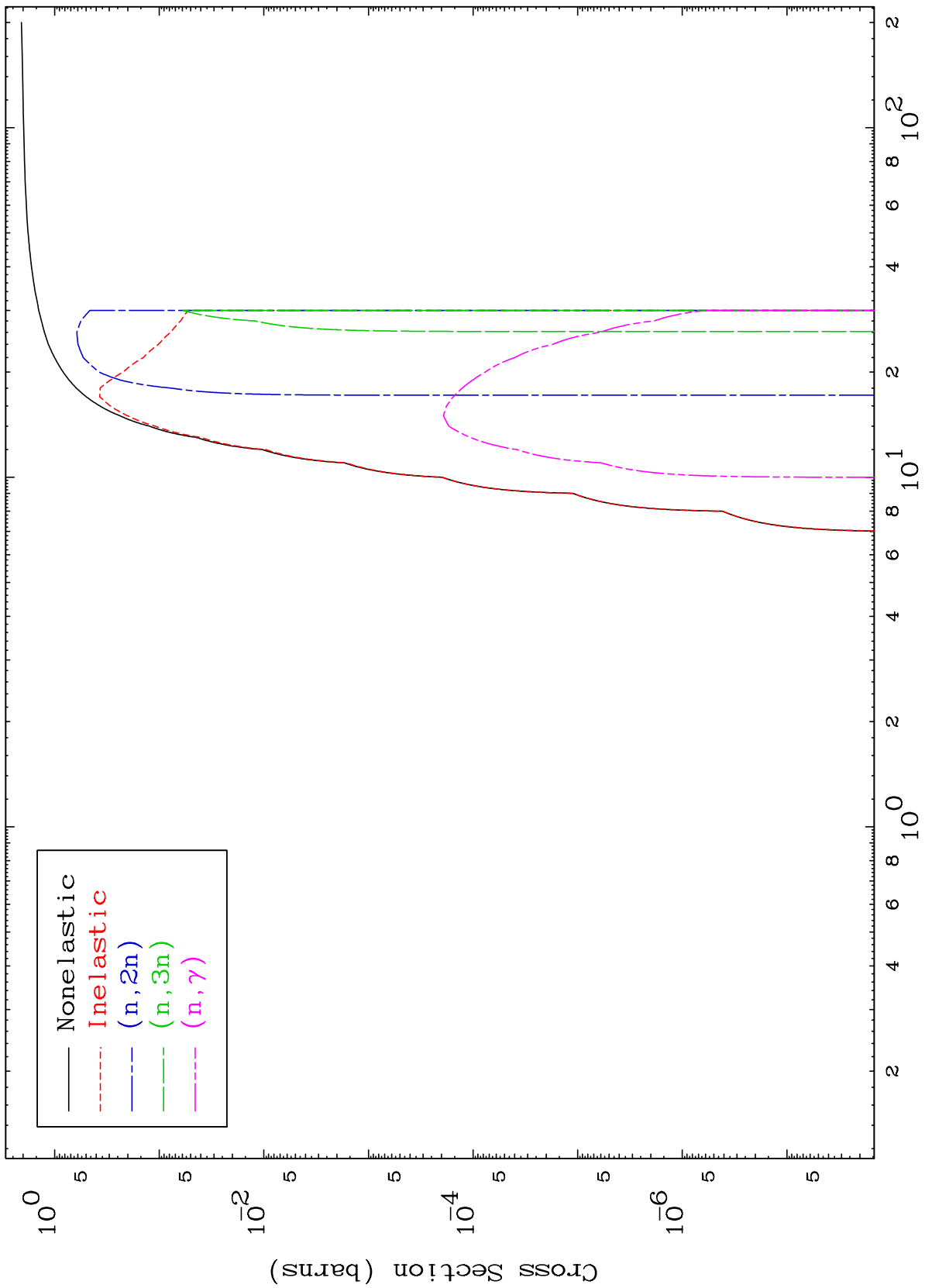
Press Mouse Button to Start

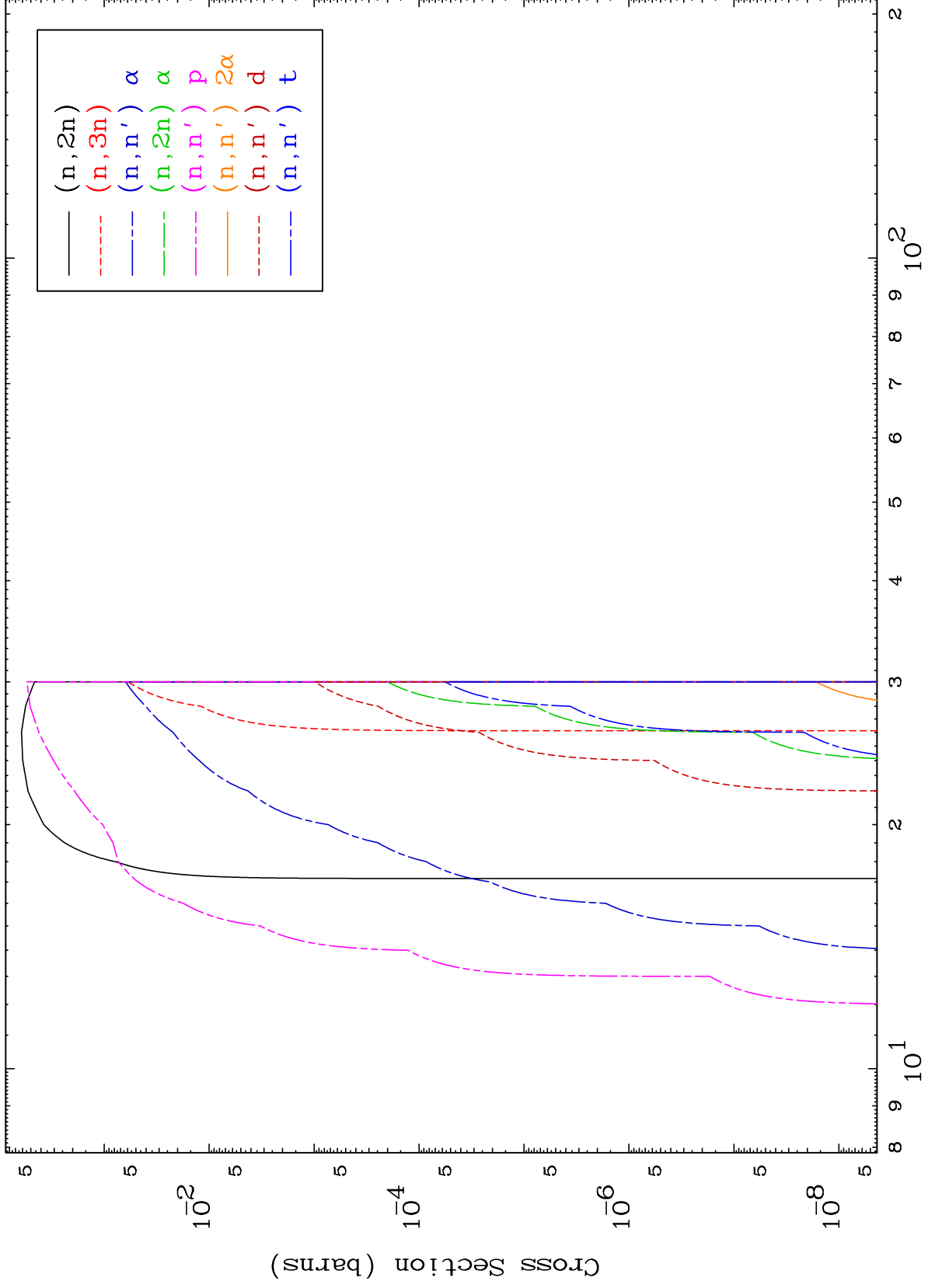
MAT 4722

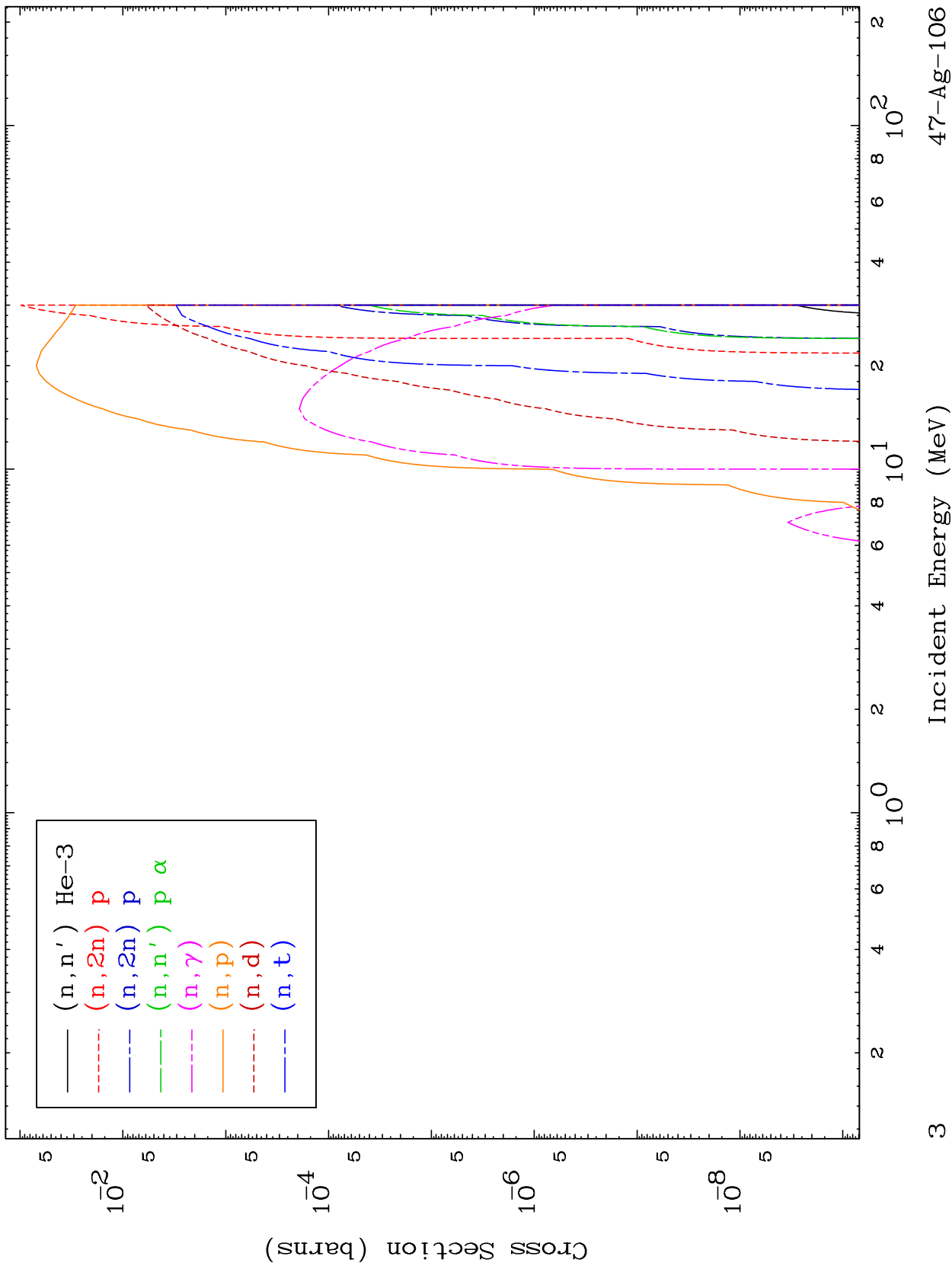
$\alpha$  Major

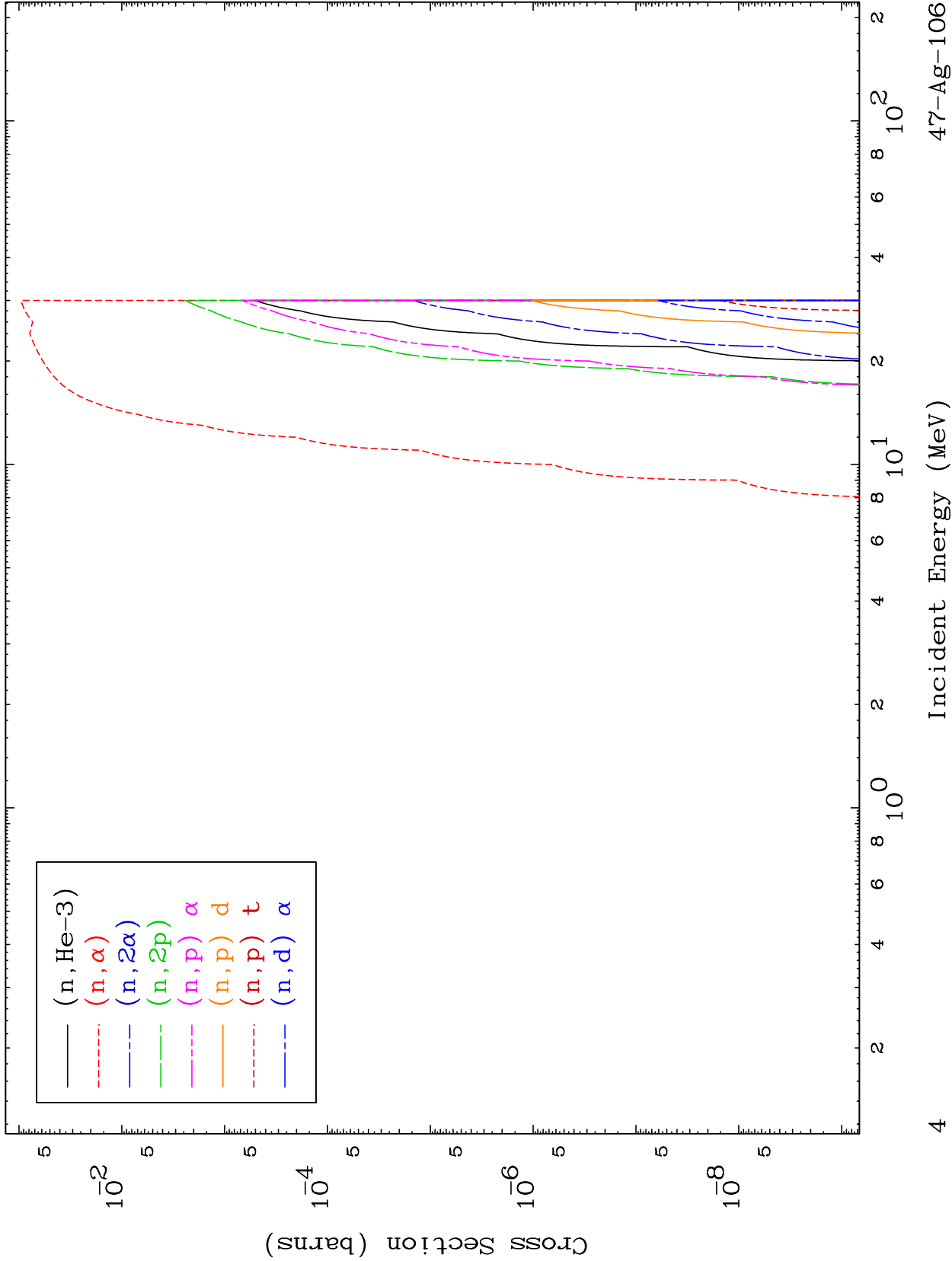
47-Ag-106

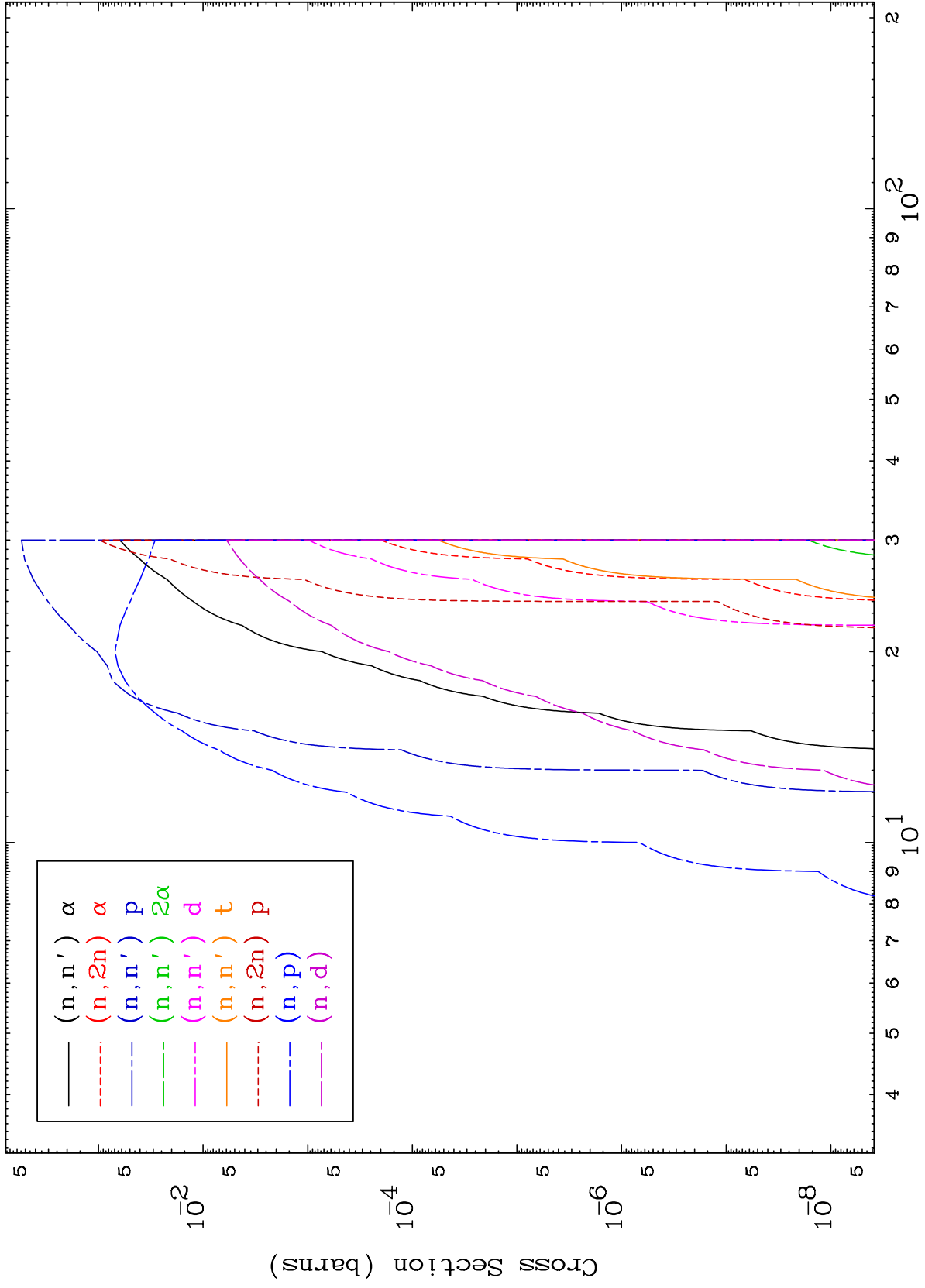
0 Kelvin Cross Sections

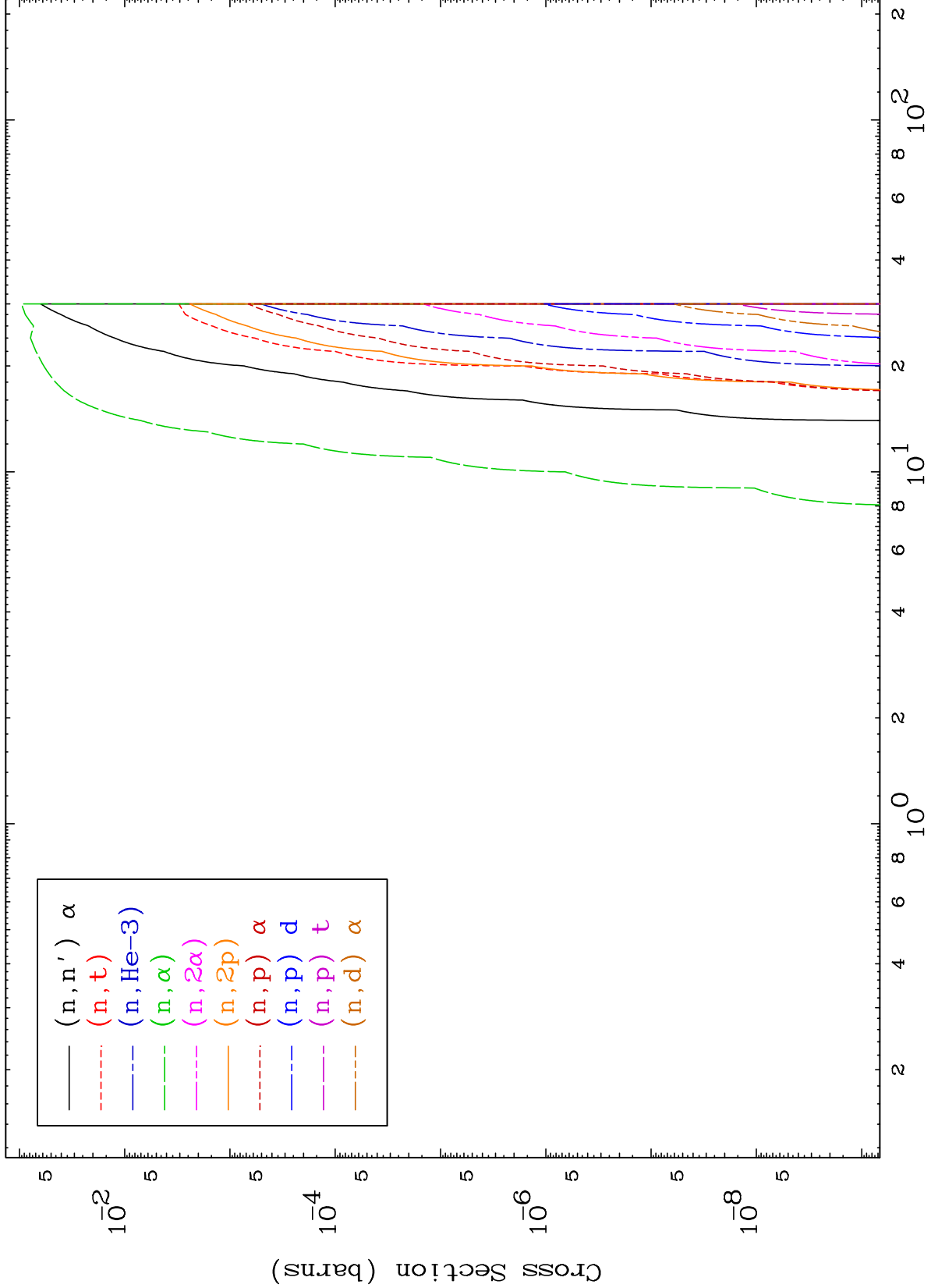










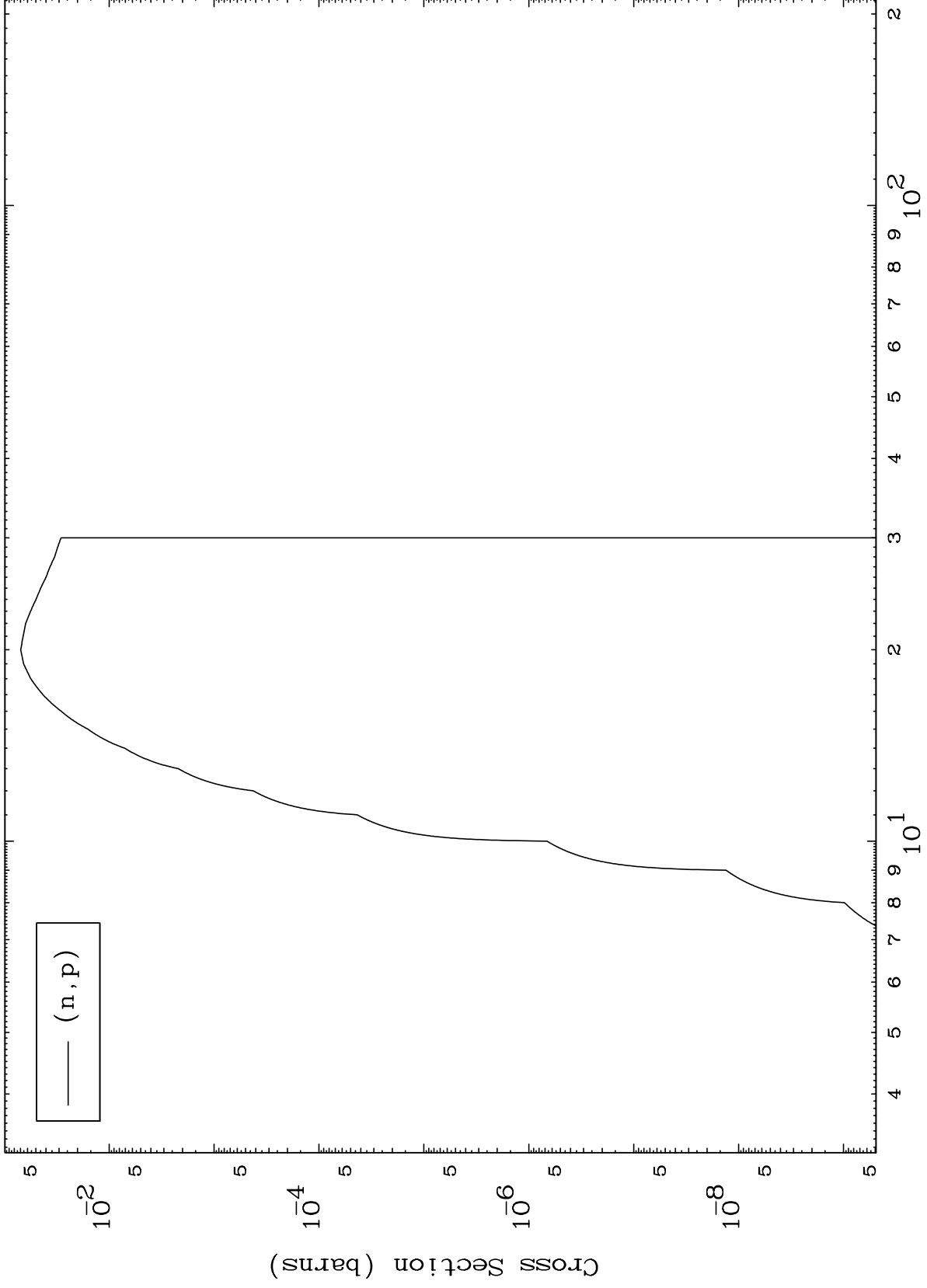


MAT 4722

( $\alpha, p$ ) Levels

47-Ag-106

0 Kelvin Cross Sections



7

Incident Energy (MeV)

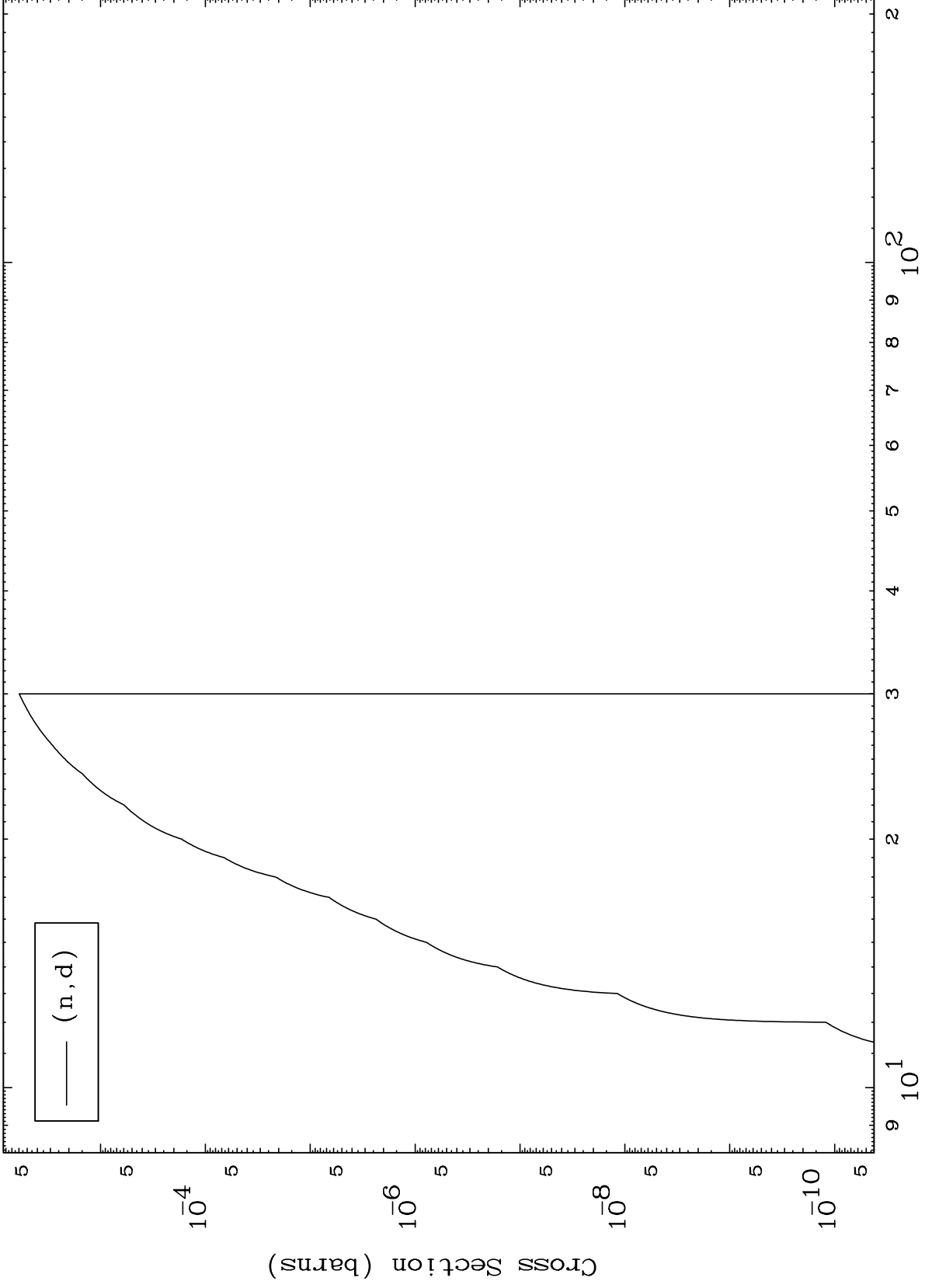
47-Ag-106

MAT 4722

( $\alpha, d$ ) Levels

47-Ag-106

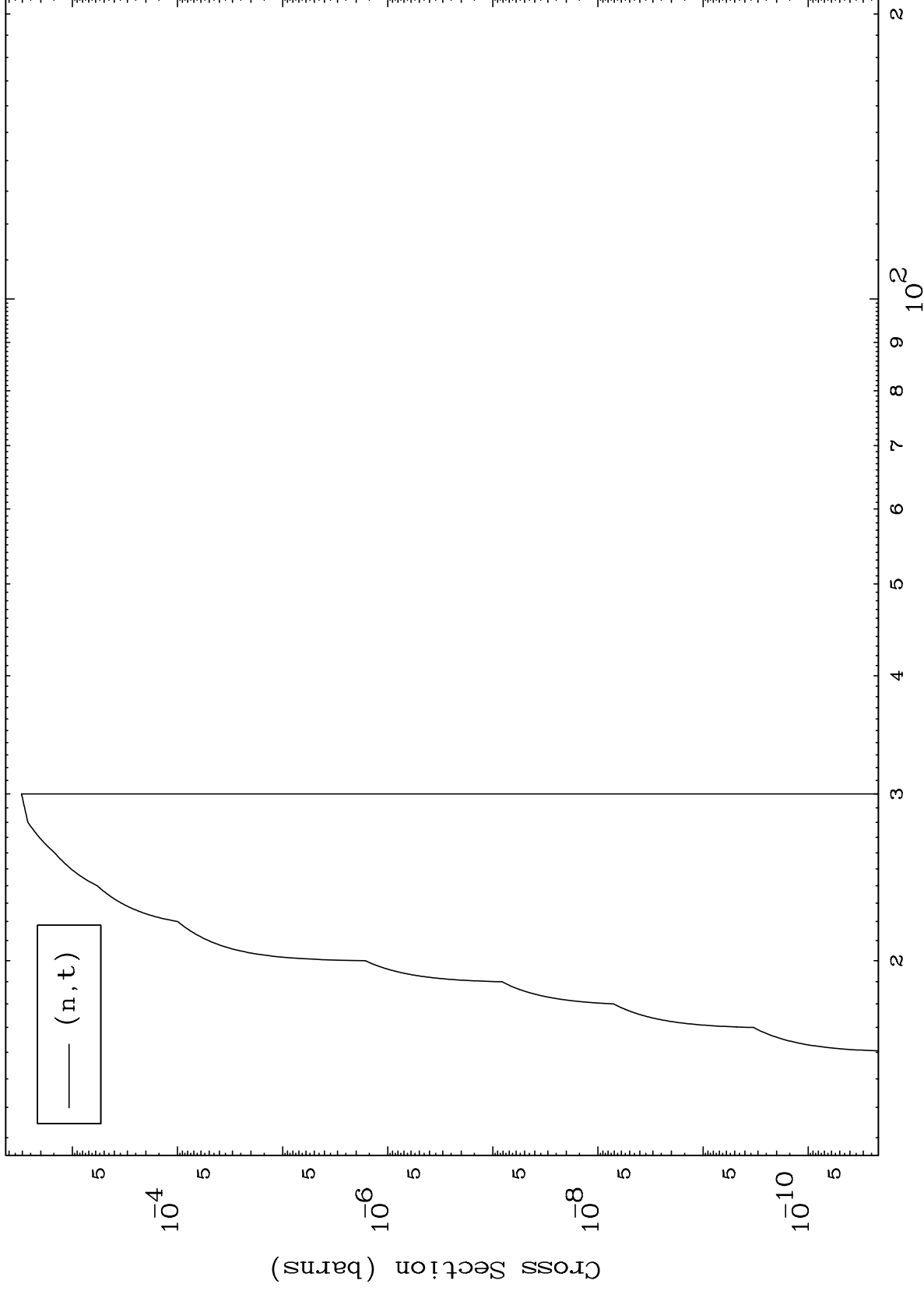
0 Kelvin Cross Sections



8

Incident Energy (MeV)

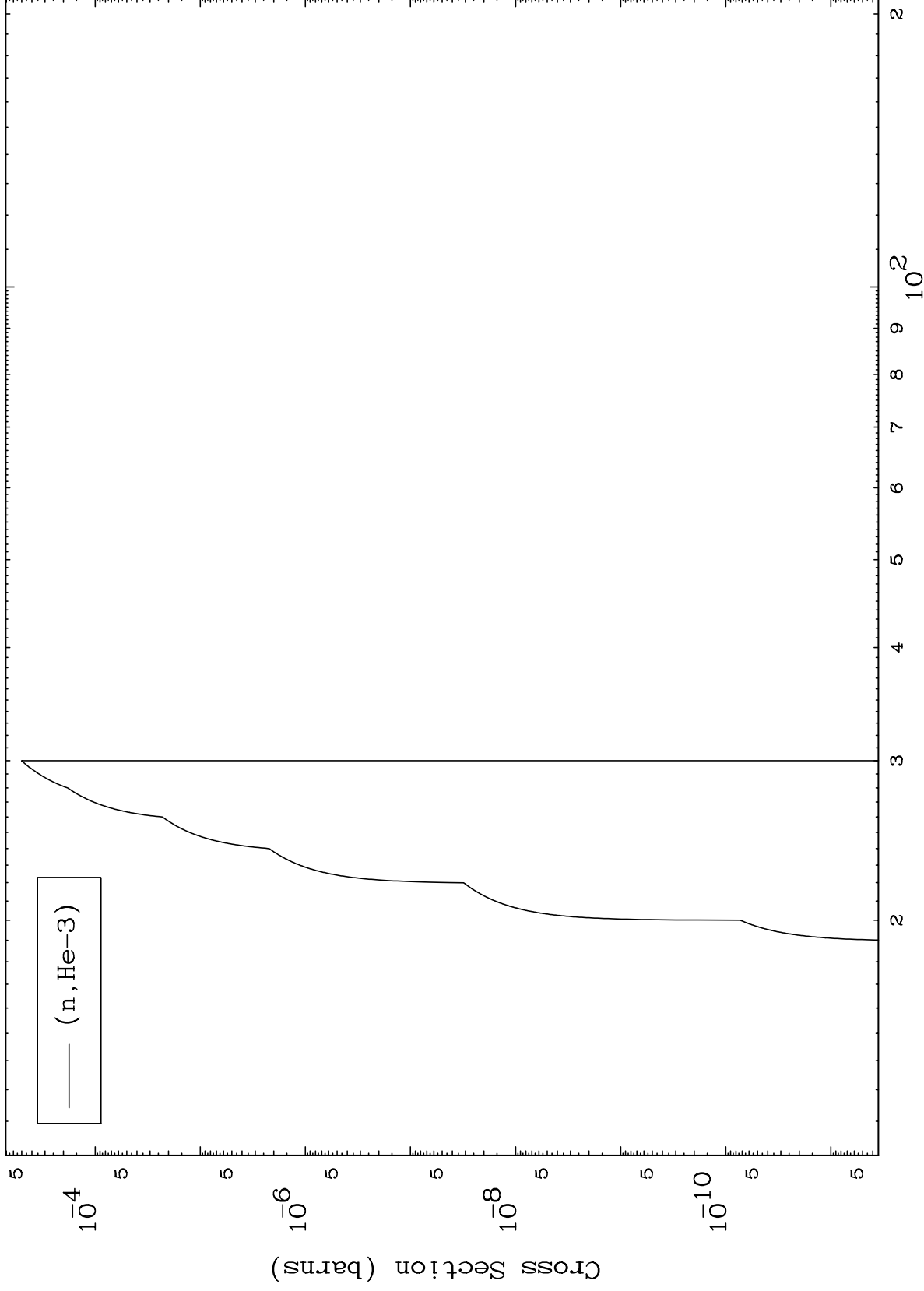
47-Ag-106



MAT 4722

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

47-Ag-106



10

Incident Energy (MeV)

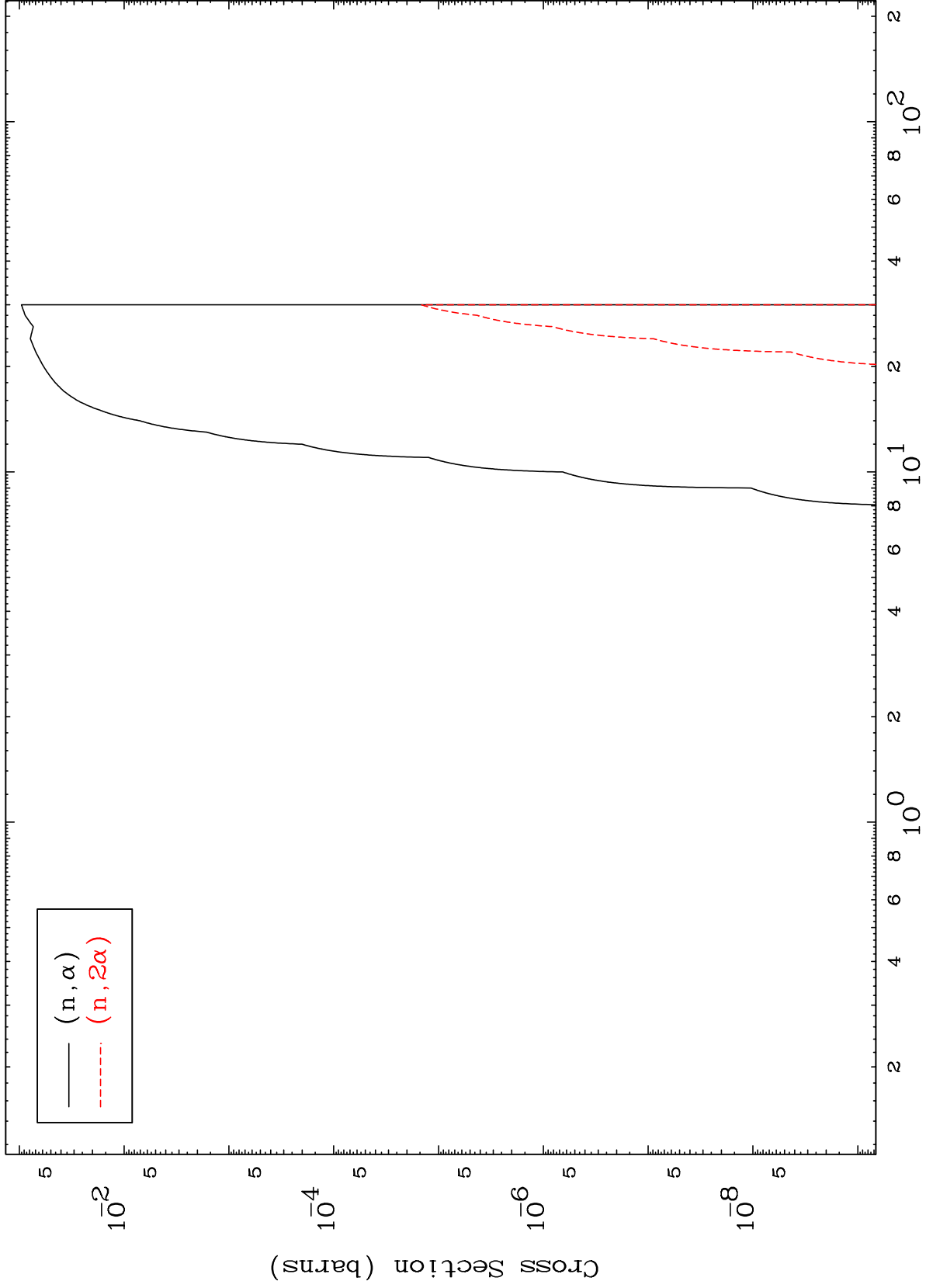
47-Ag-106

MAT 4722

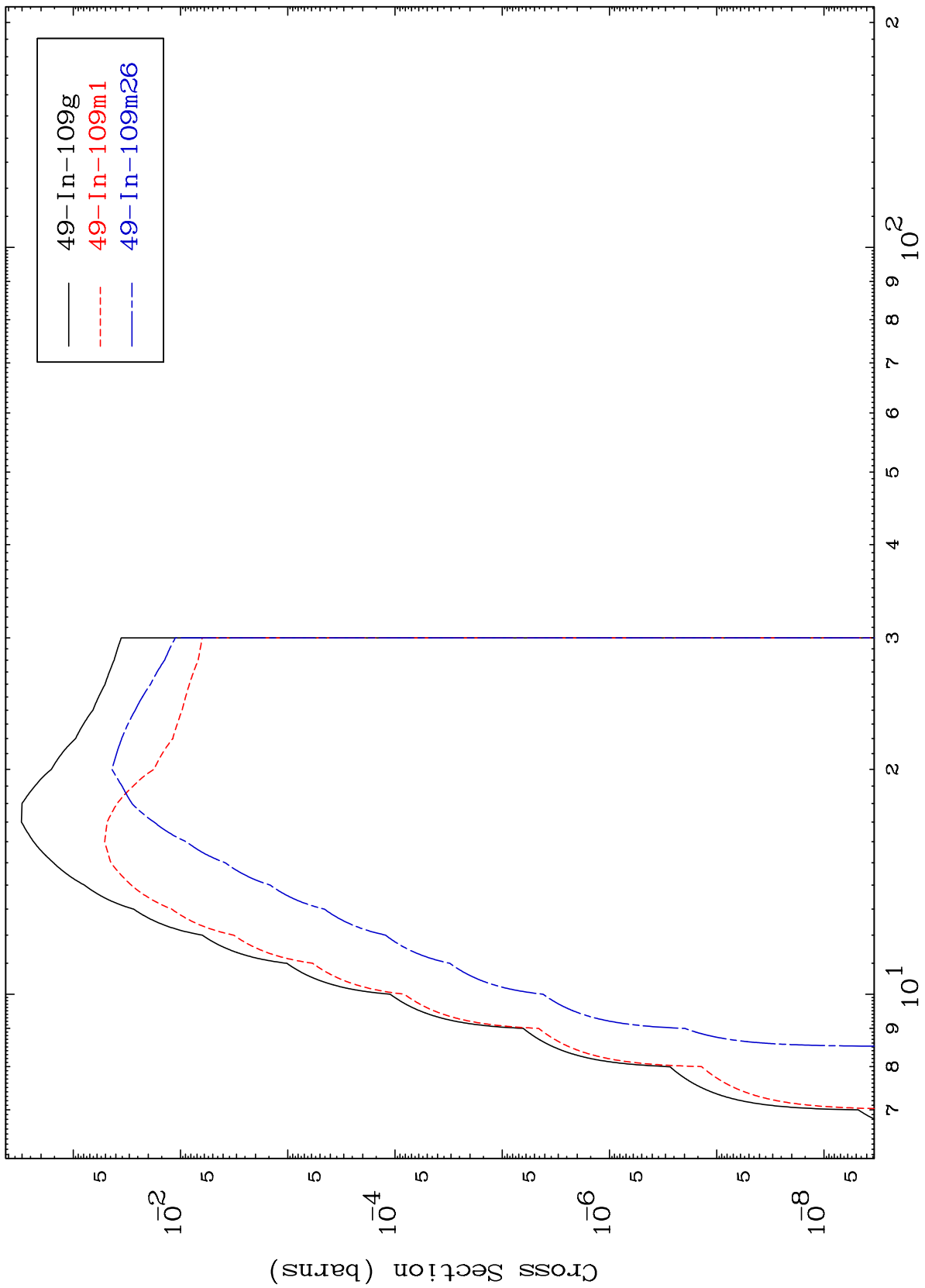
( $\alpha, \alpha$ ) Levels

47-Ag-106

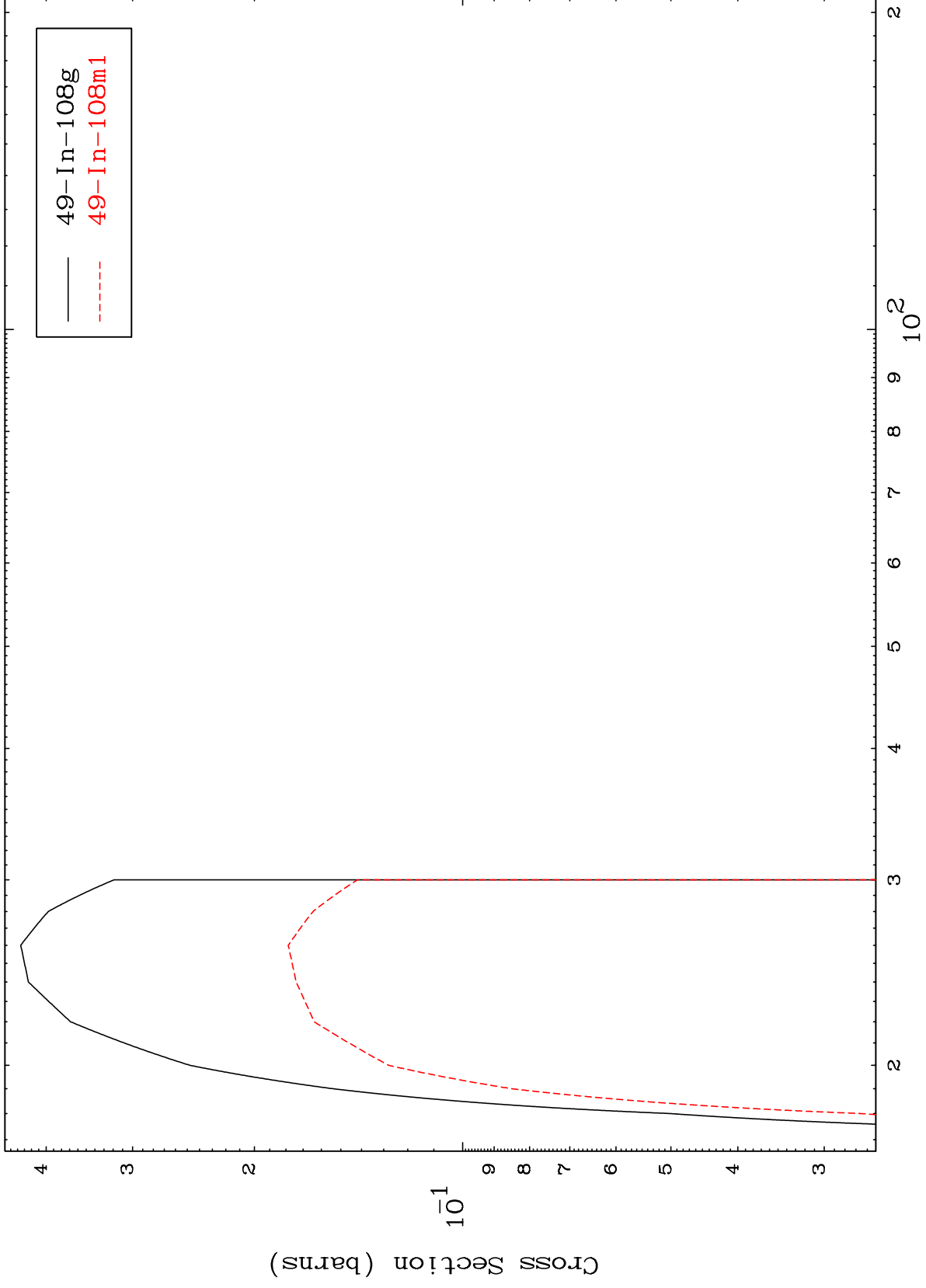
0 Kelvin Cross Sections



Inelastic  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

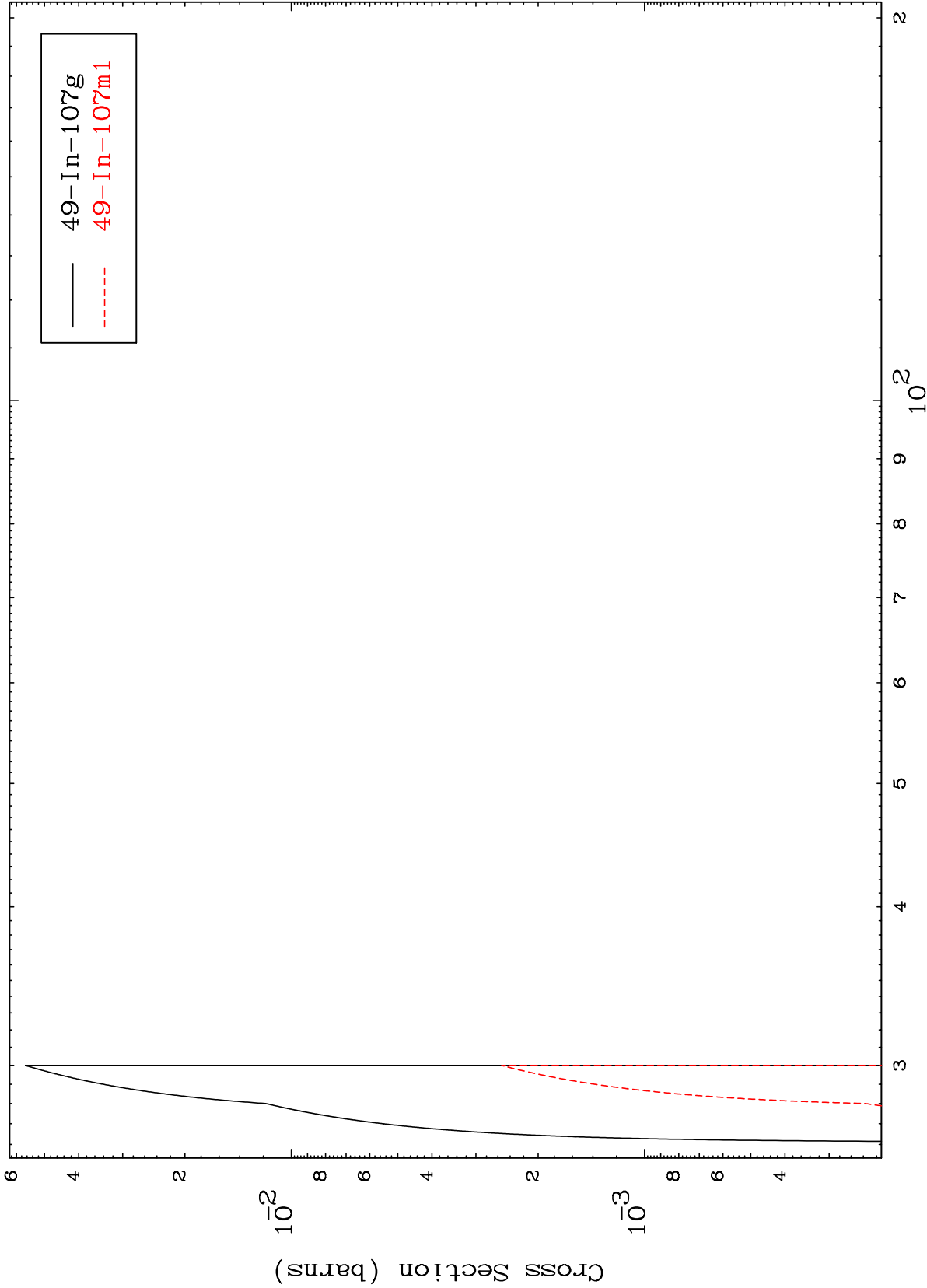


MAT 4722

(n,3n)

47-Ag-106

Radionuclide Production Cross Section



49-In-107g  
49-In-107m1

14

Incident Energy (MeV)

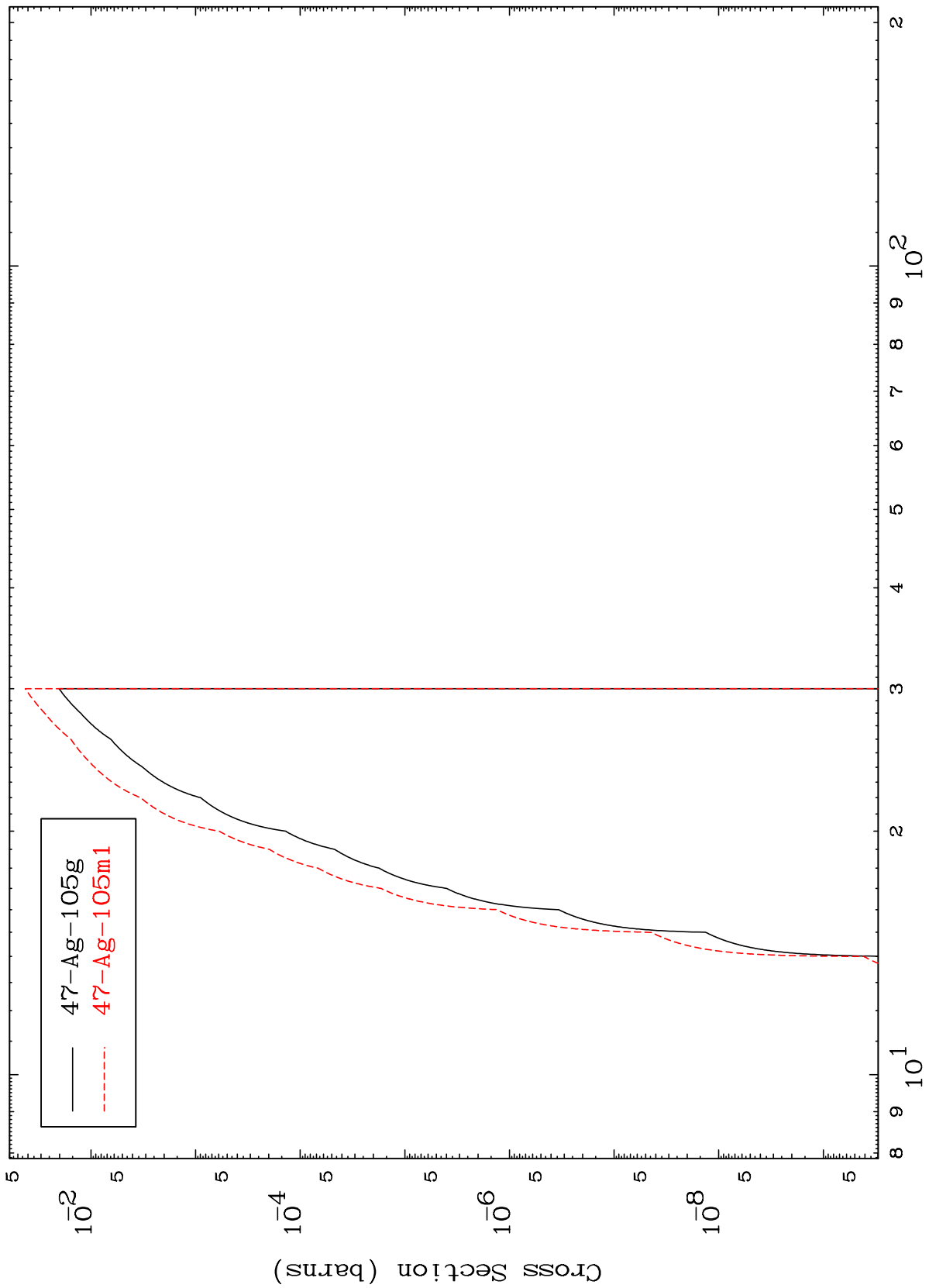
47-Ag-106

MAT 4722

47-Ag-106

(n,n')  $\alpha$

Radionuclide Production Cross Section



Legend:  
— 47-Ag-105g  
- - - 47-Ag-105m1

47-Ag-106

Incident Energy (MeV)

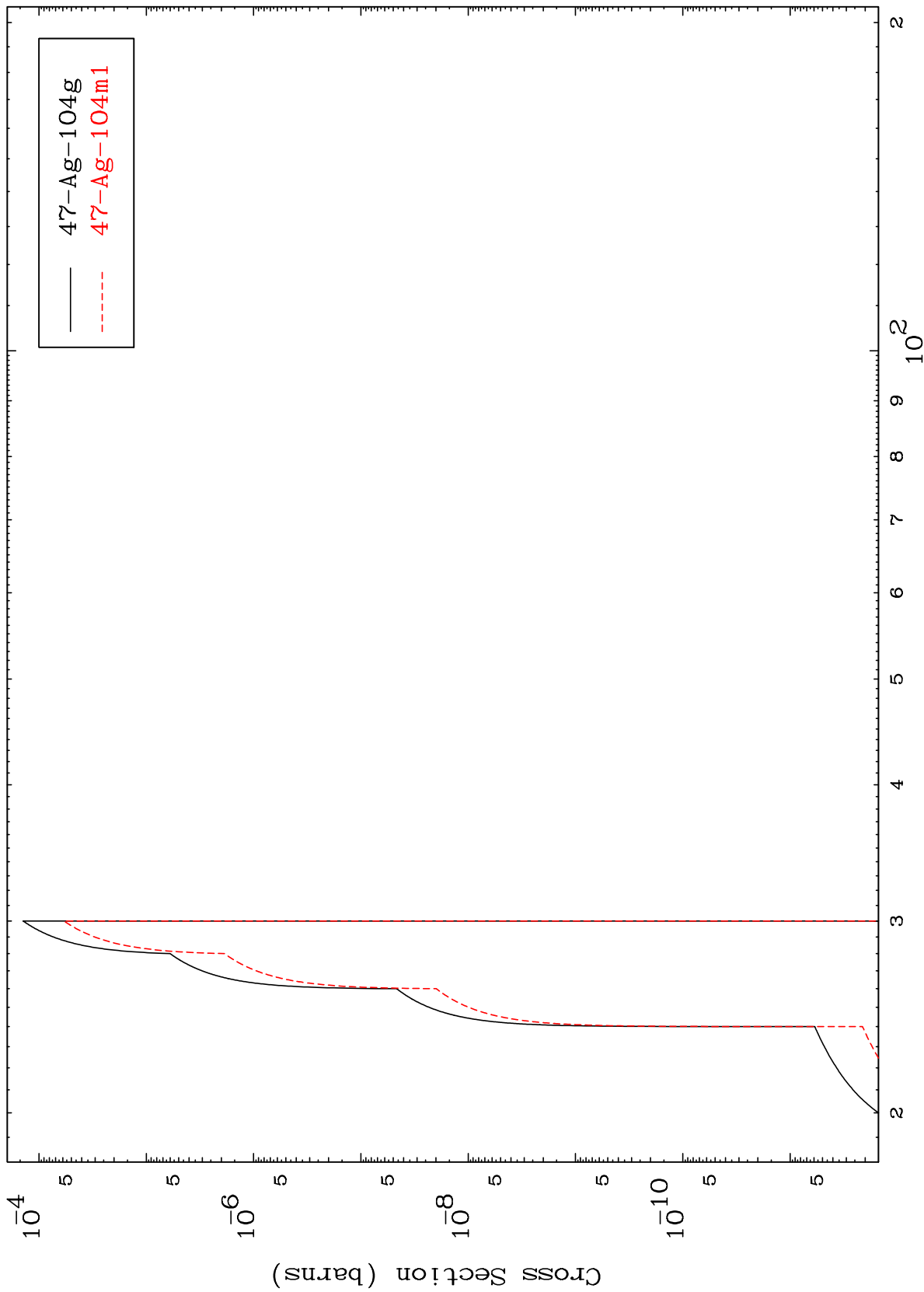
15

MAT 4722

47-Ag-106

(n,2n)  $\alpha$

Radionuclide Production Cross Section



47-Ag-106

Incident Energy (MeV)

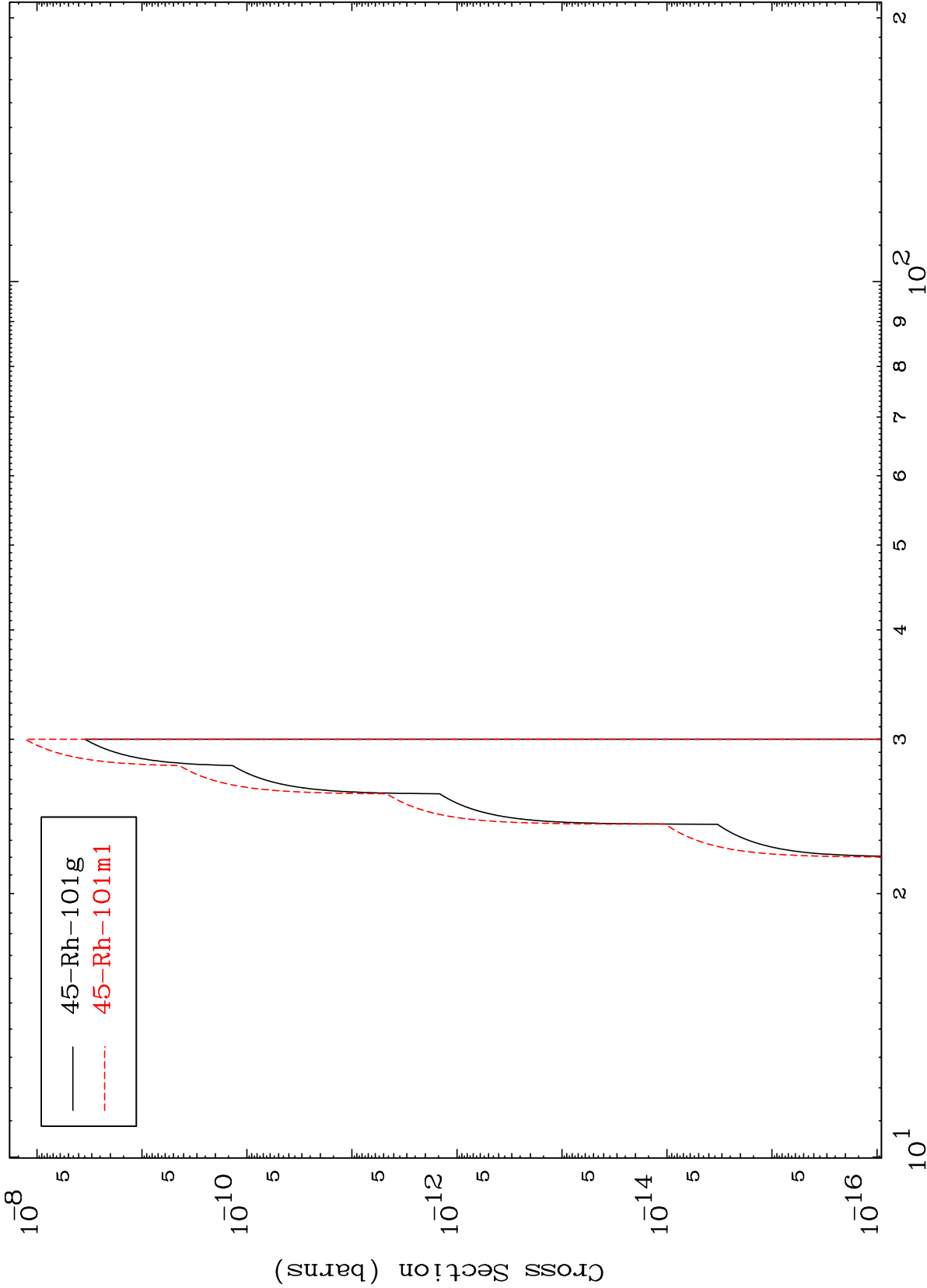
16

MAT 4722

(n,n') 2α

47-Ag-106

Radionuclide Production Cross Section

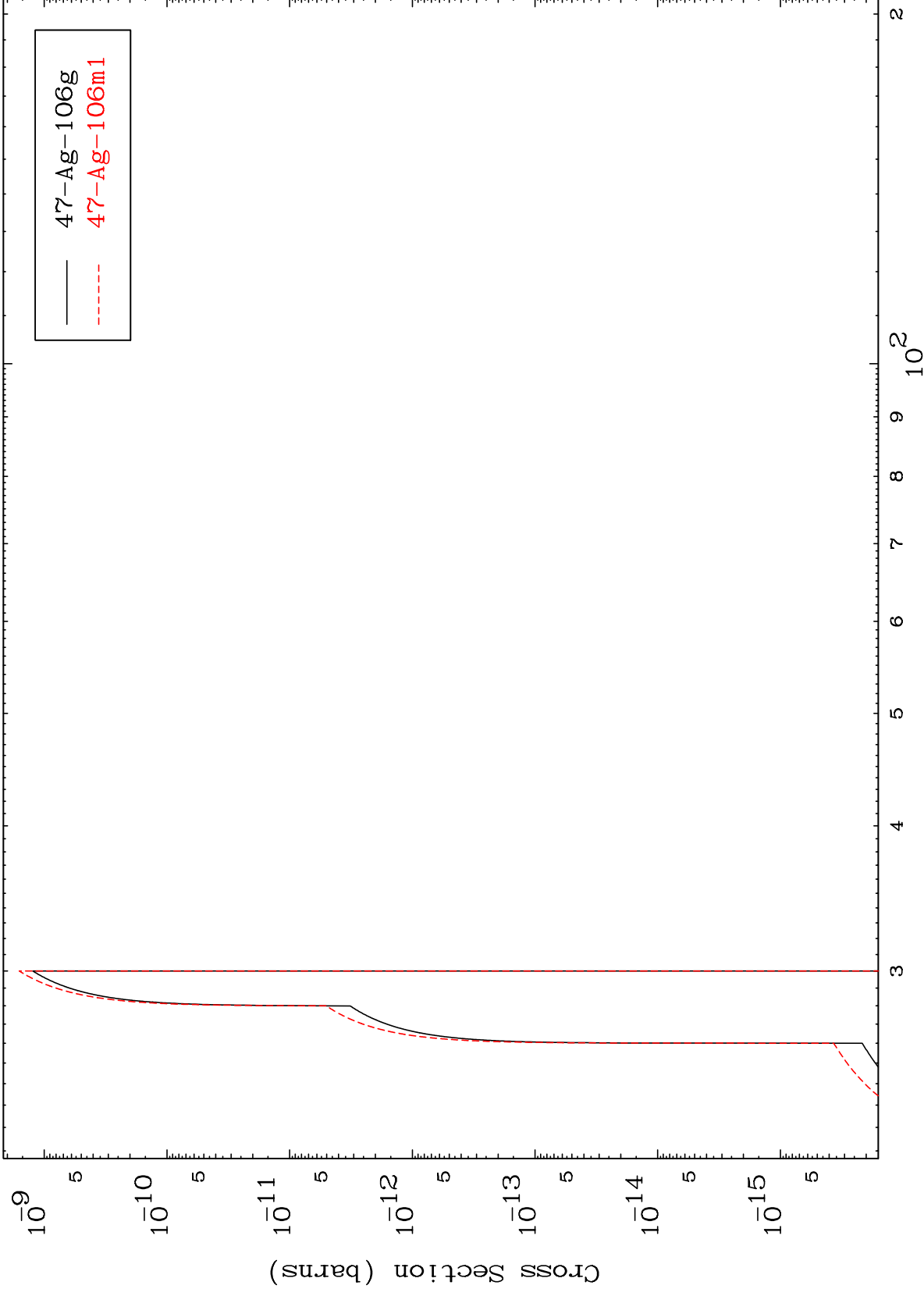


17

Incident Energy (MeV)

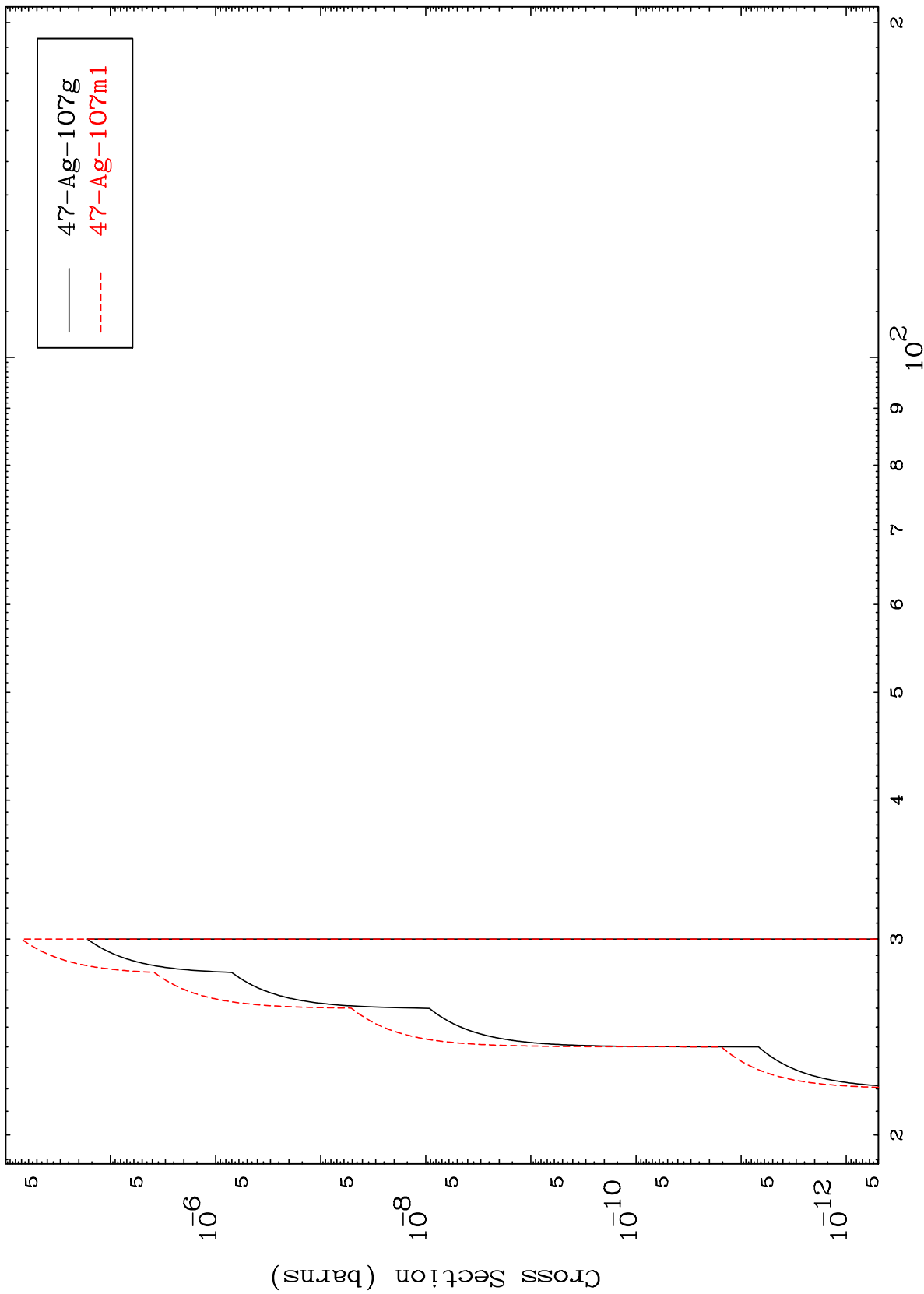
47-Ag-106

Radionuclide Production Cross Section



47-Ag-106g  
47-Ag-106m1

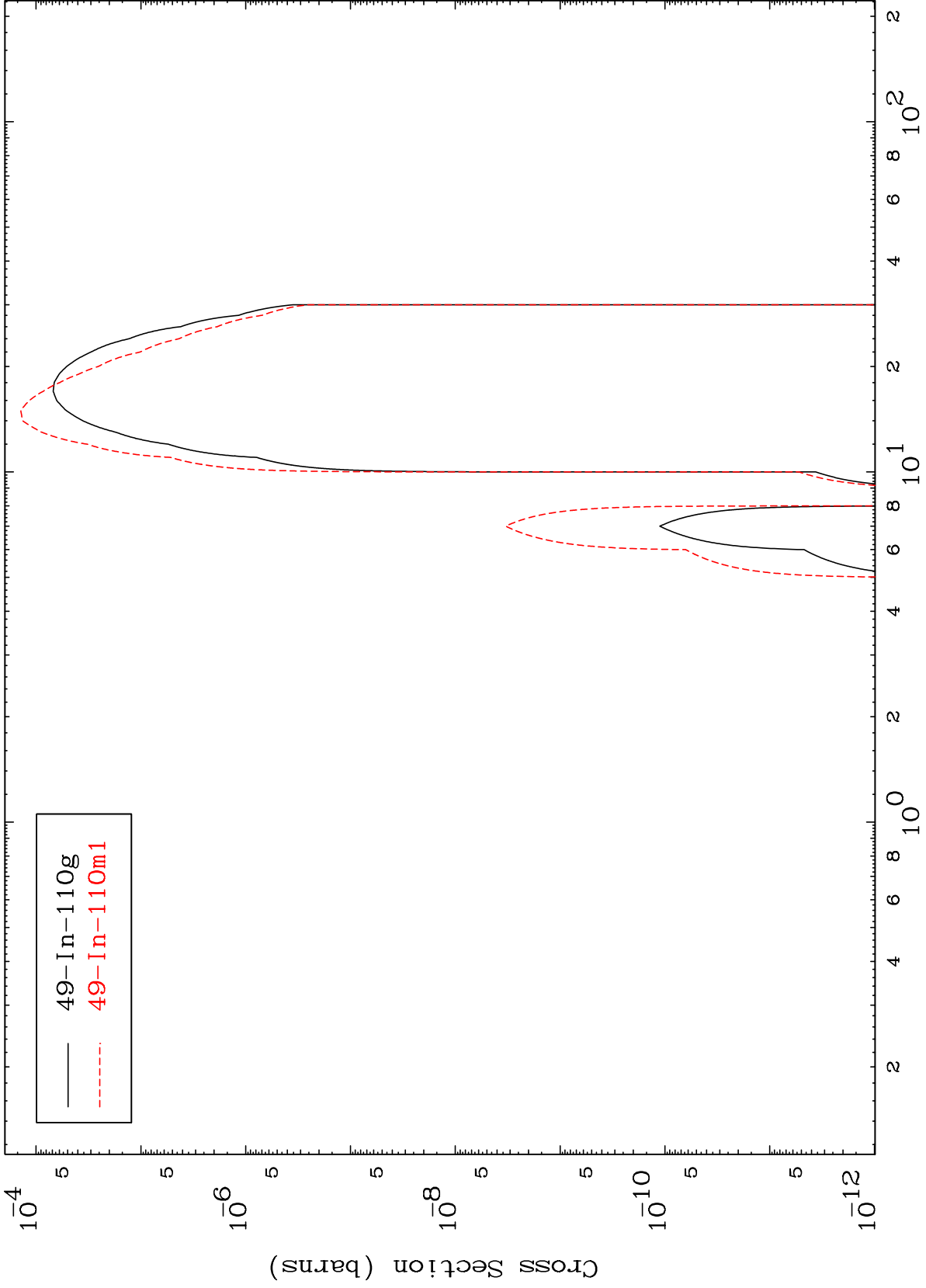
(n,2n) p  
Radionuclide Production Cross Section



MAT 4722

47-Ag-106

(n,  $\gamma$ )  
Radionuclide Production Cross Section



20

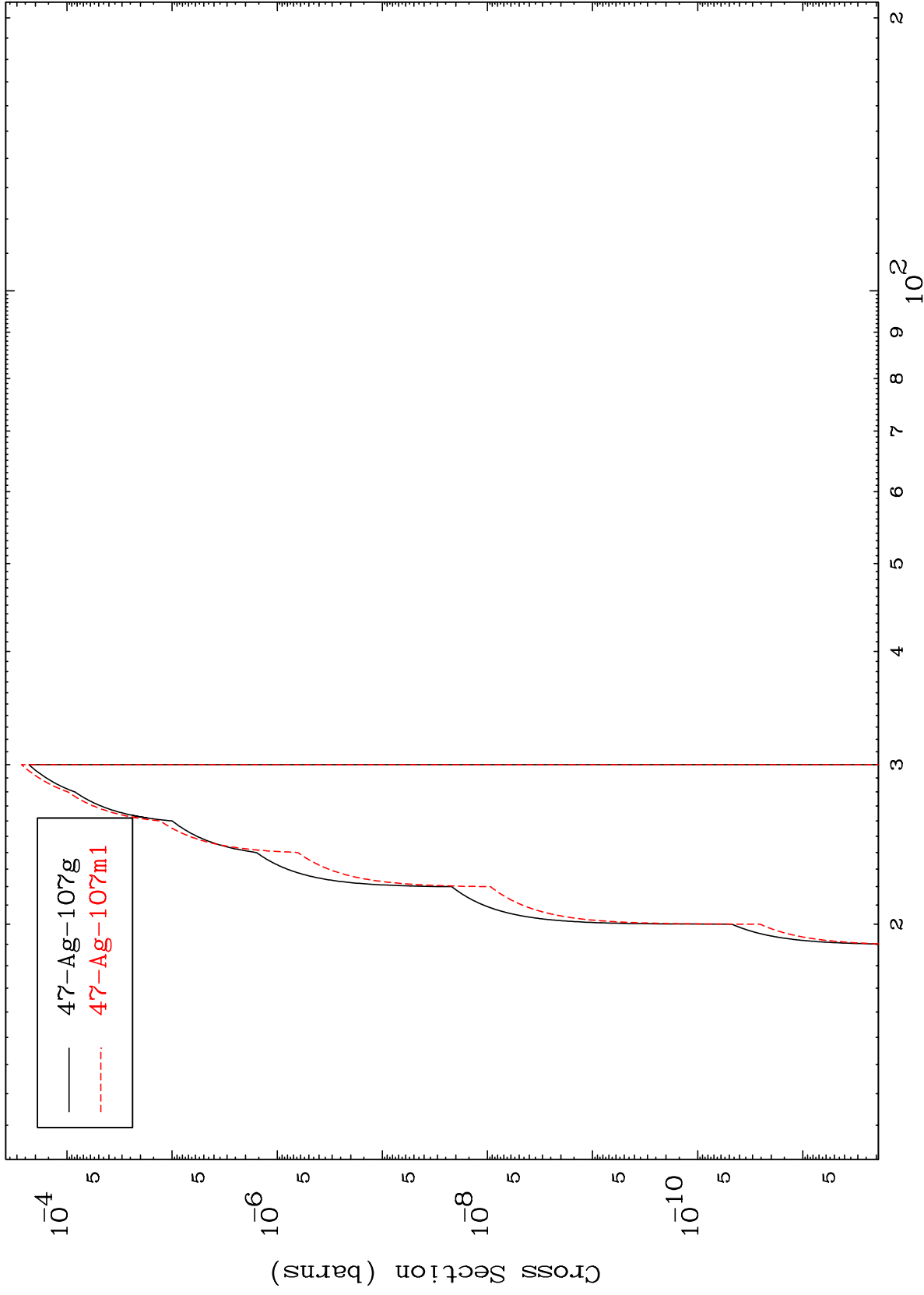
Incident Energy (MeV)

47-Ag-106

MAT 4722

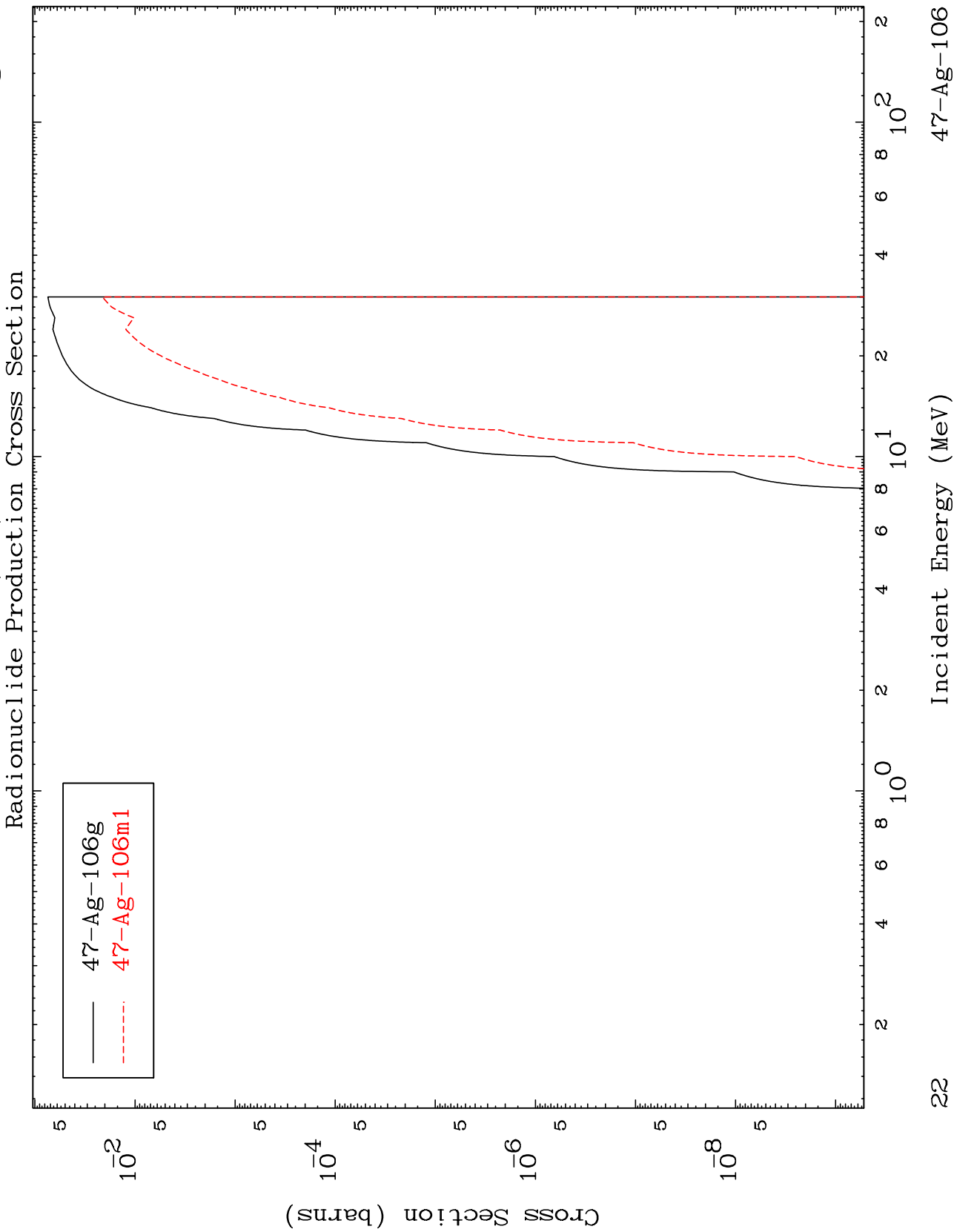
47-Ag-106

Radionuclide Production Cross Section  
(n,He-3)



MAT 4722

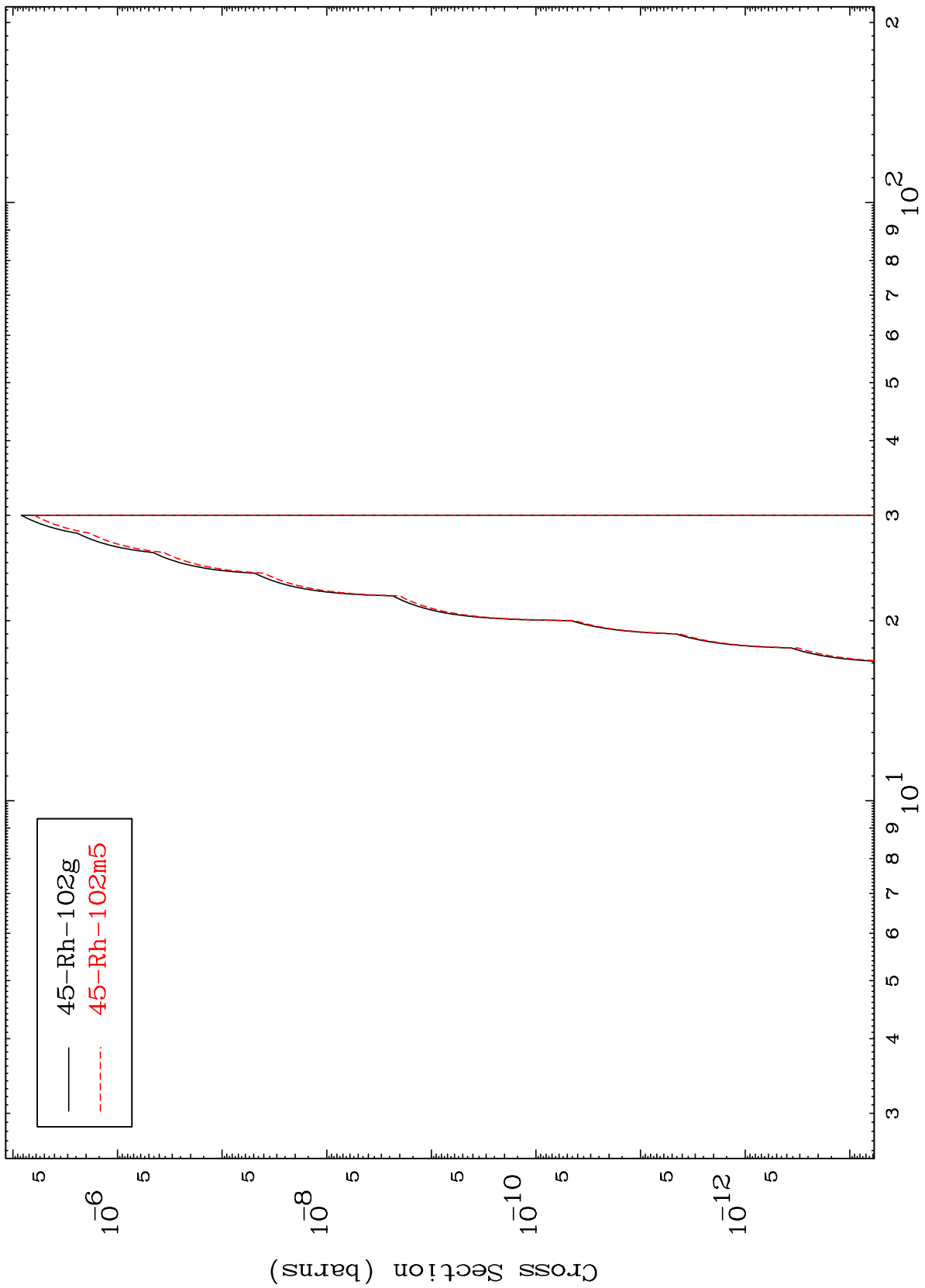
47-Ag-106



MAT 4722

47-Ag-106

(n,2α)  
Radionuclide Production Cross Section



23

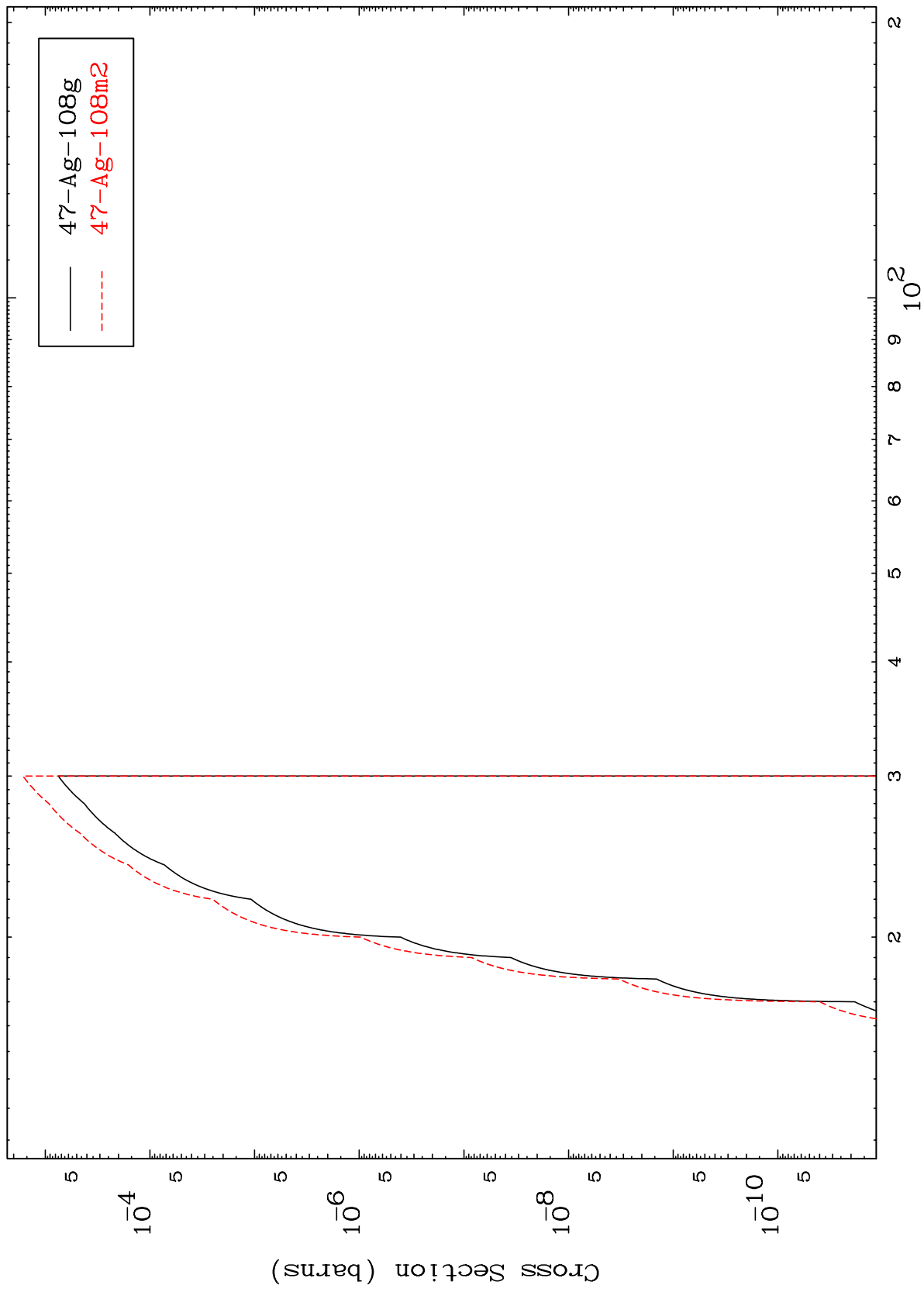
Incident Energy (MeV)

47-Ag-106

MAT 4722

47-Ag-106

(n,2p)  
Radionuclide Production Cross Section



24

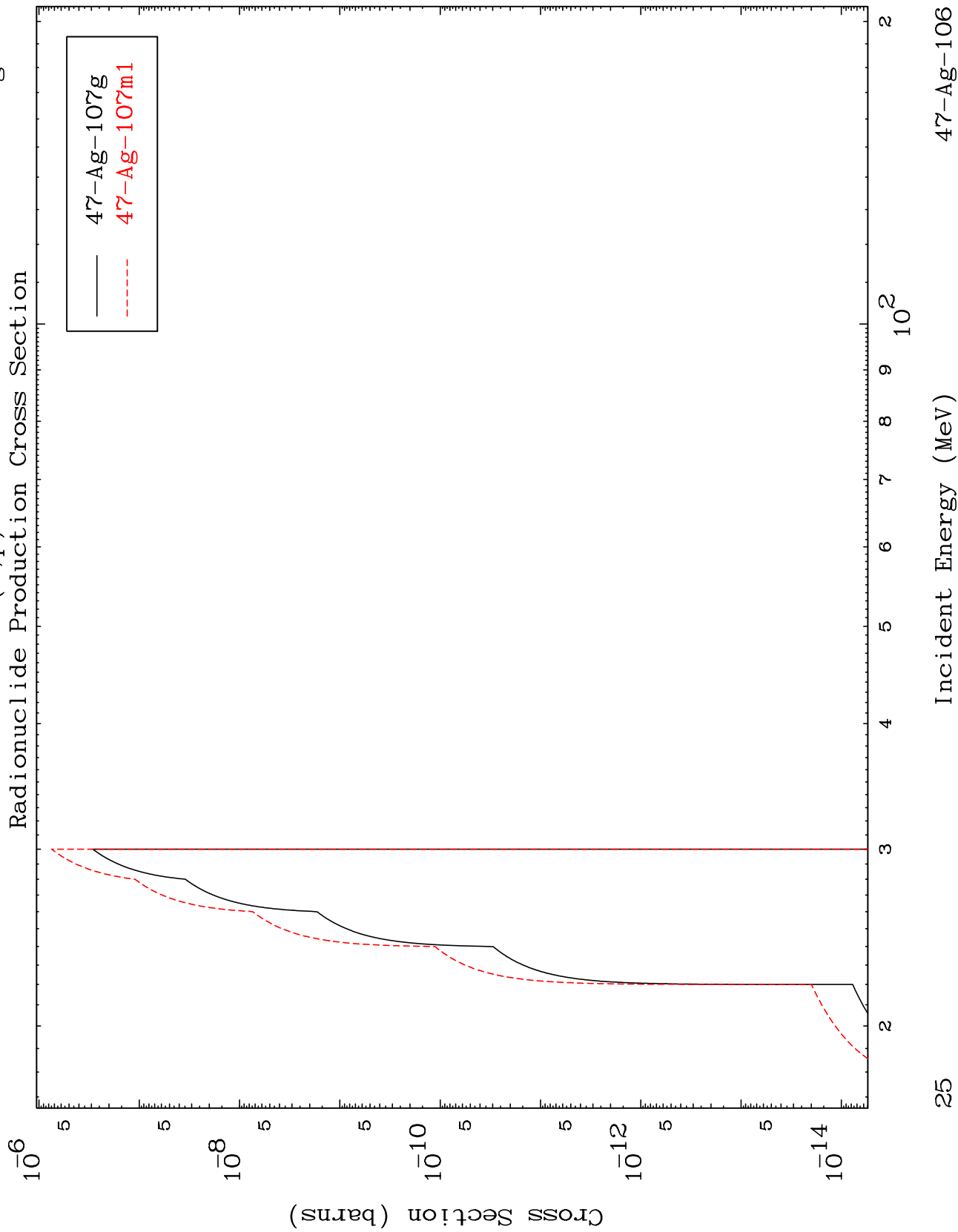
Incident Energy (MeV)

47-Ag-106

MAT 4722

(n,p) d

47-Ag-106



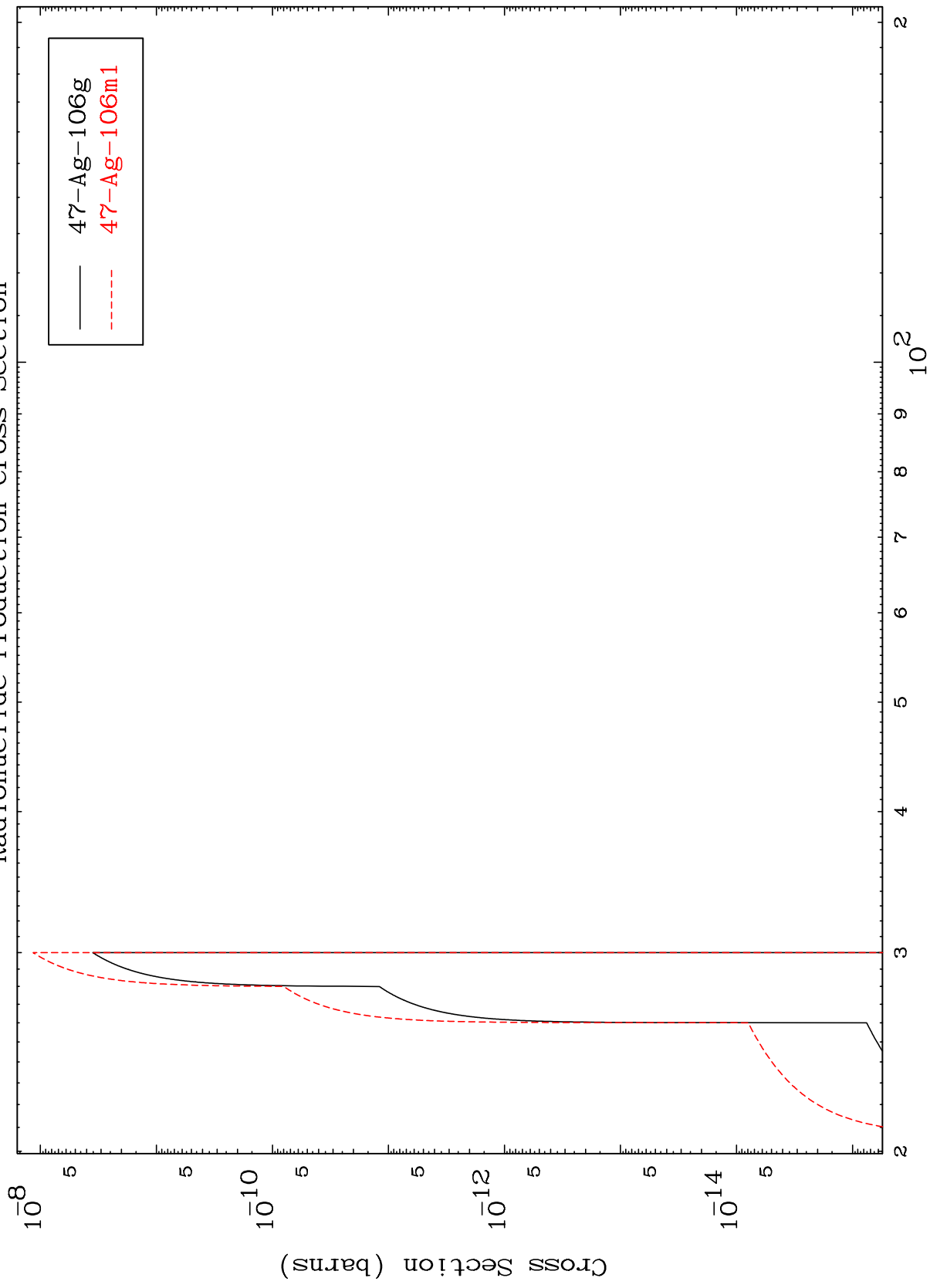
25

MAT 4722

(n,p) t

47-Ag-106

Radionuclide Production Cross Section



26

Incident Energy (MeV)

47-Ag-106