

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

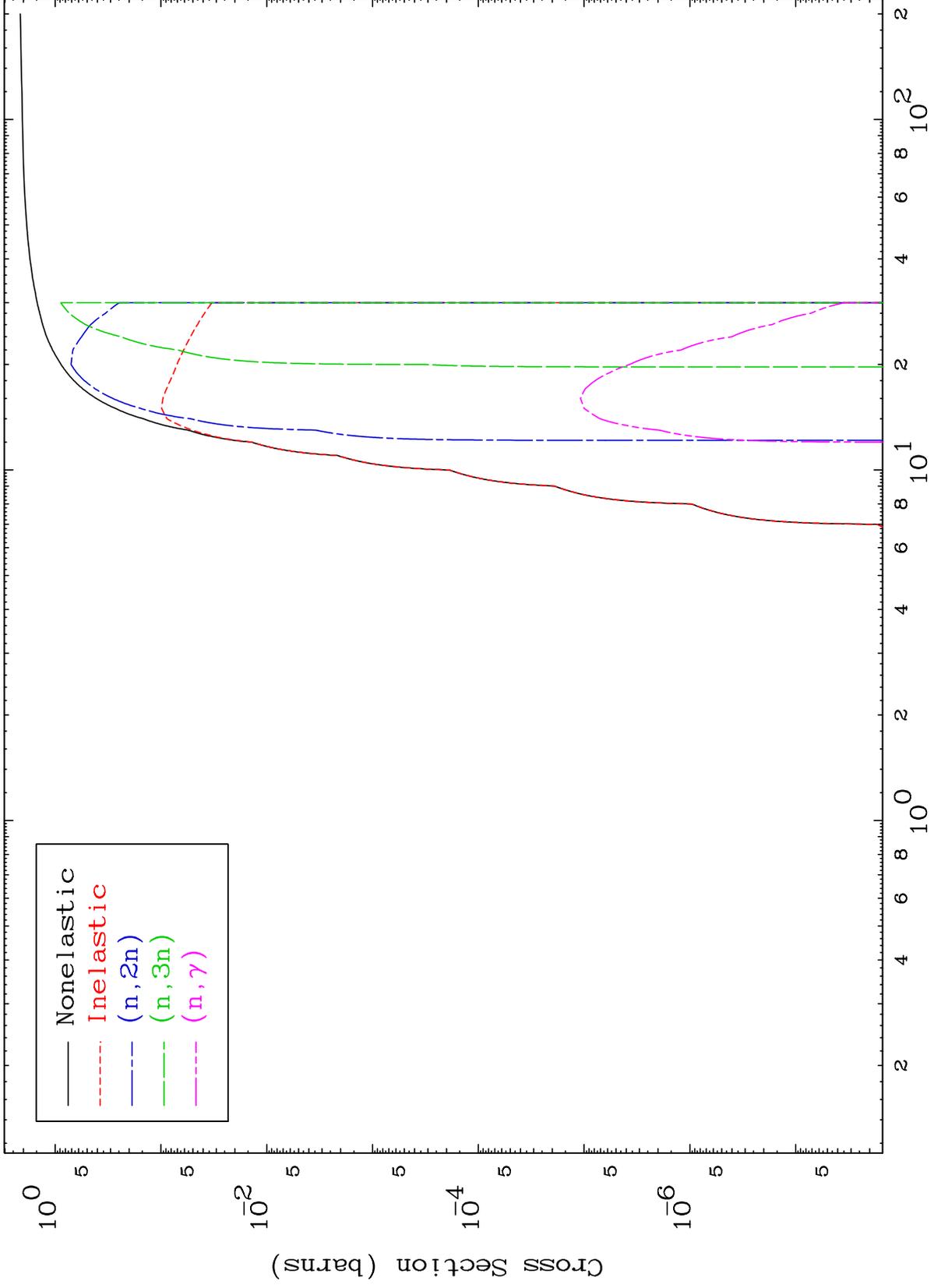
Press Mouse Button to Start

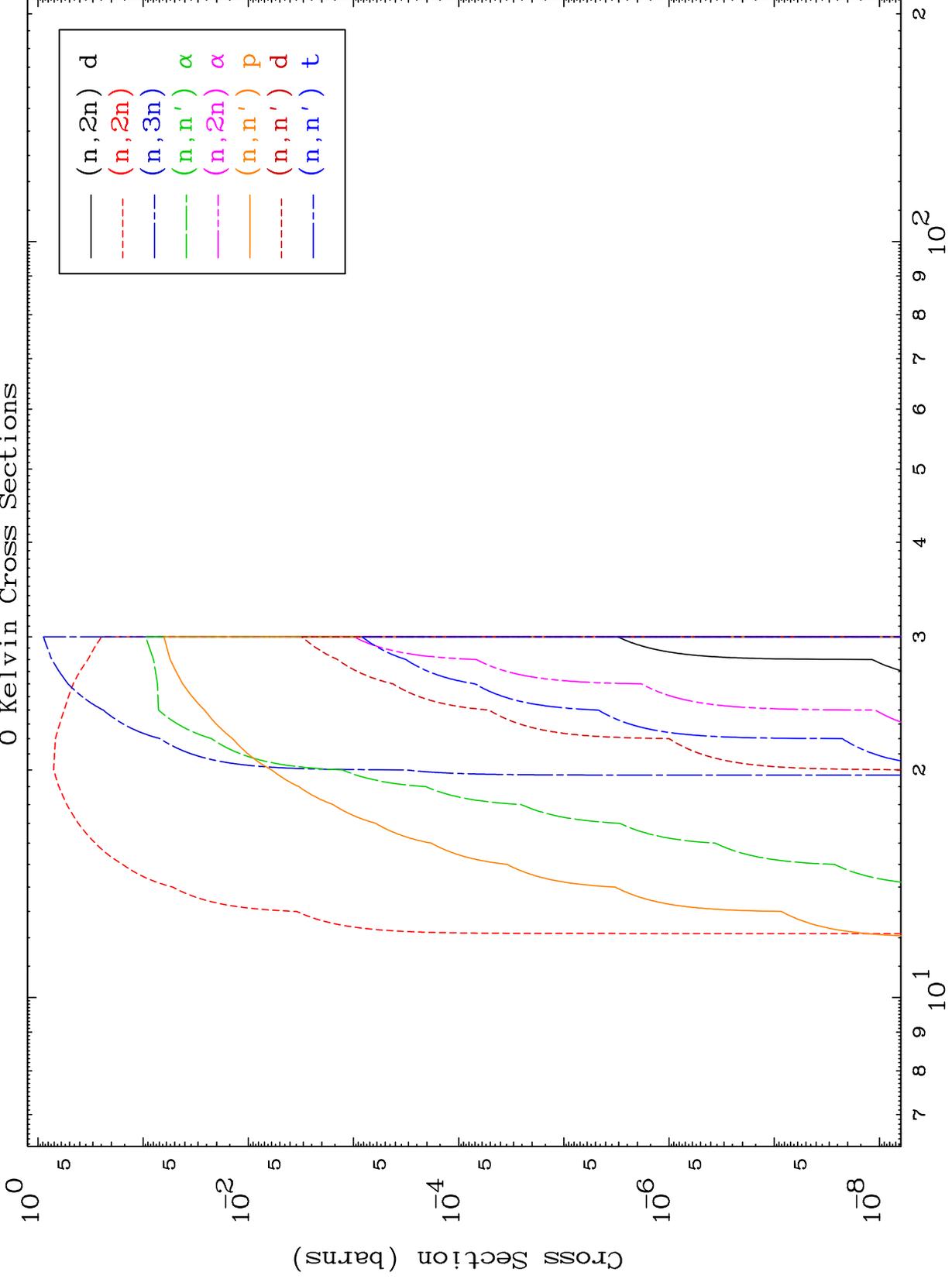
MAT 4740

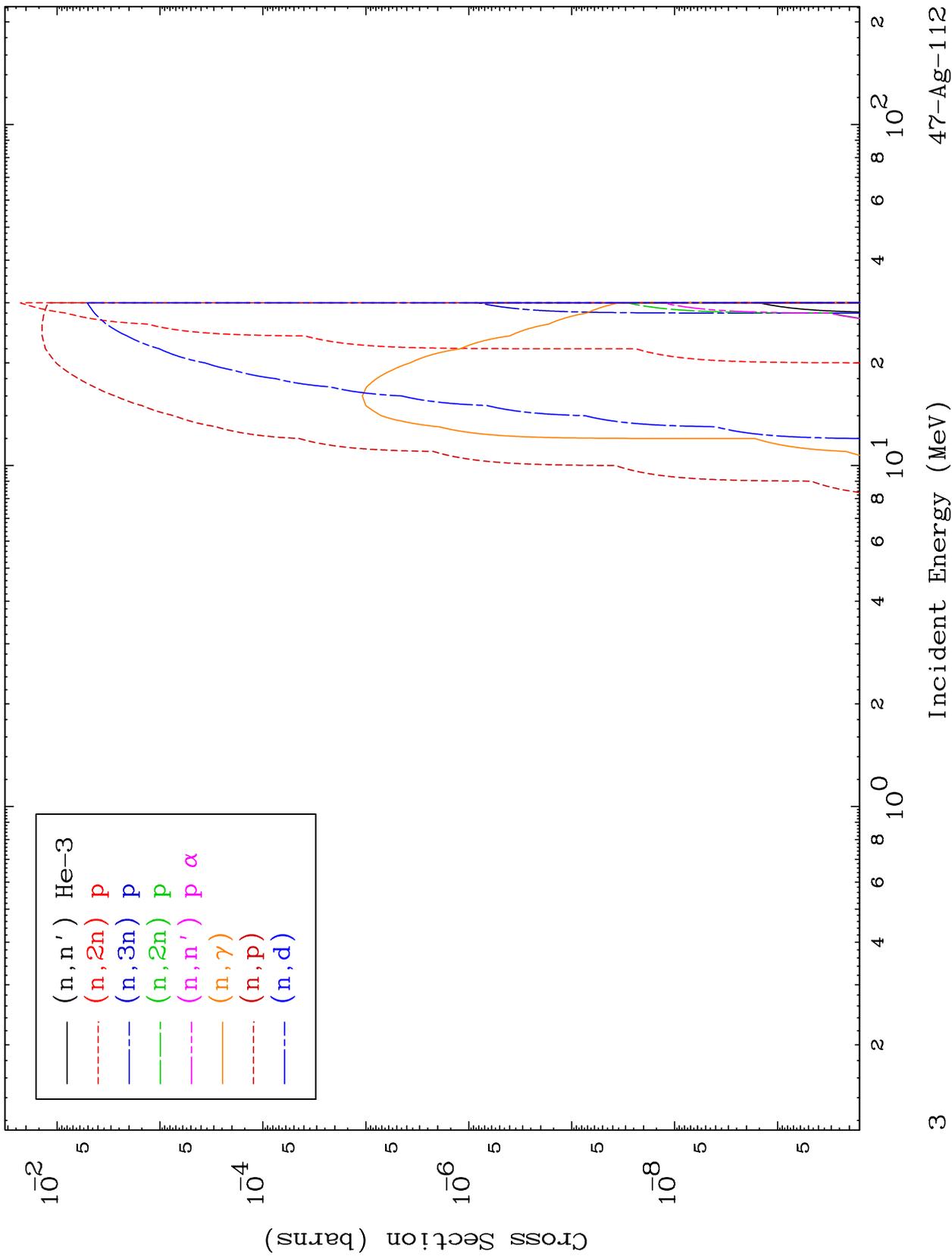
$\alpha$  Major

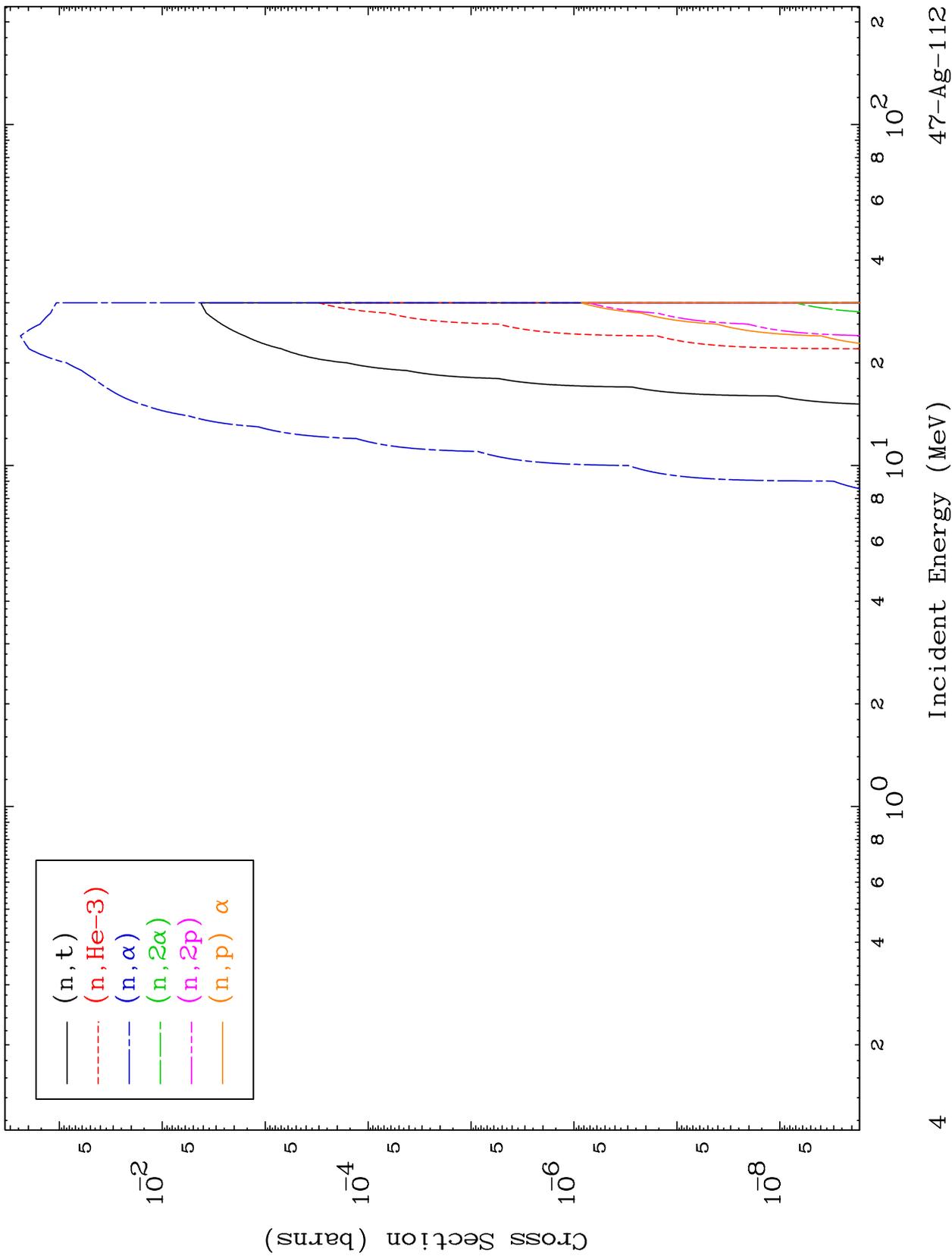
47-Ag-112

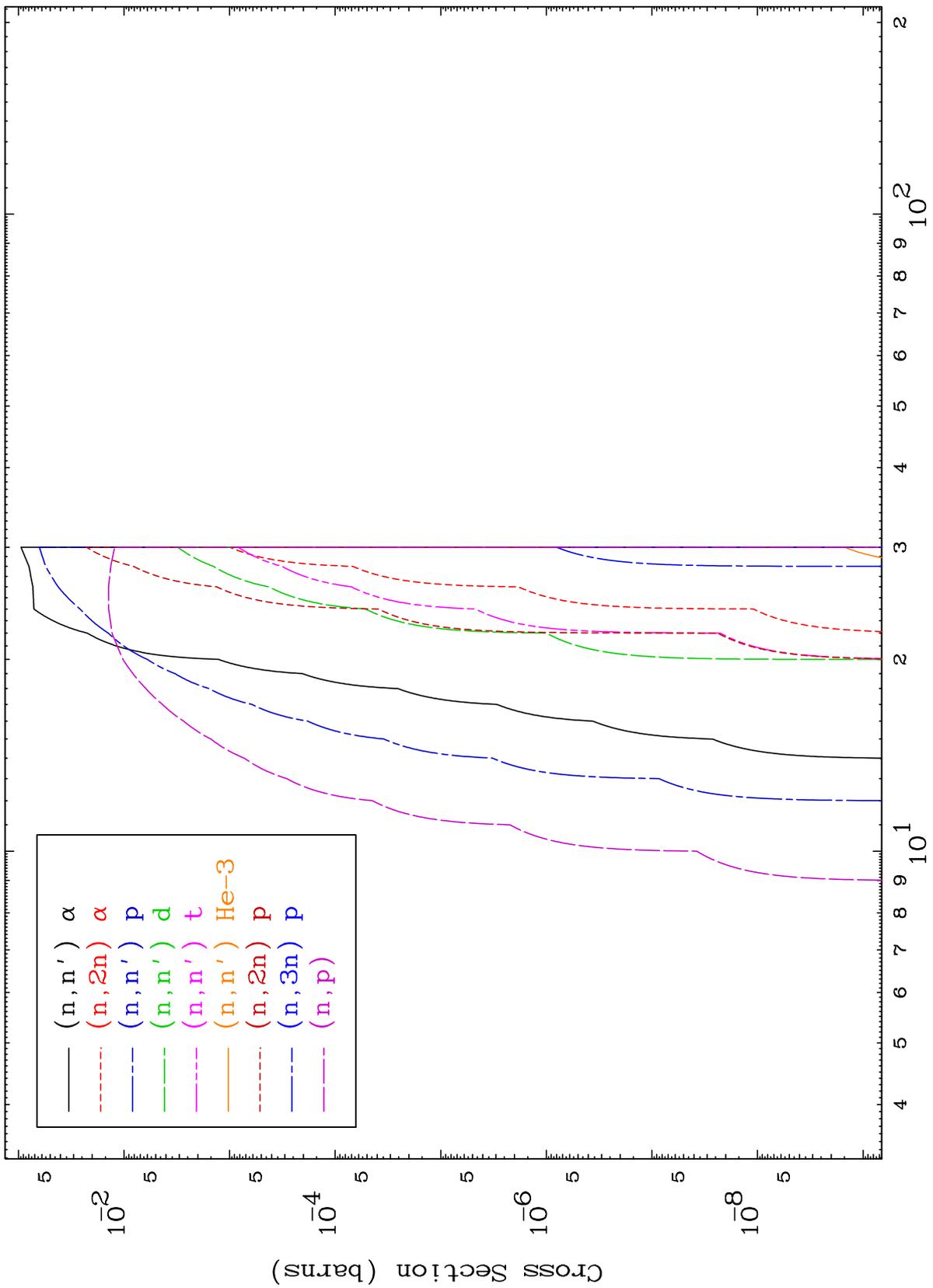
0 Kelvin Cross Sections

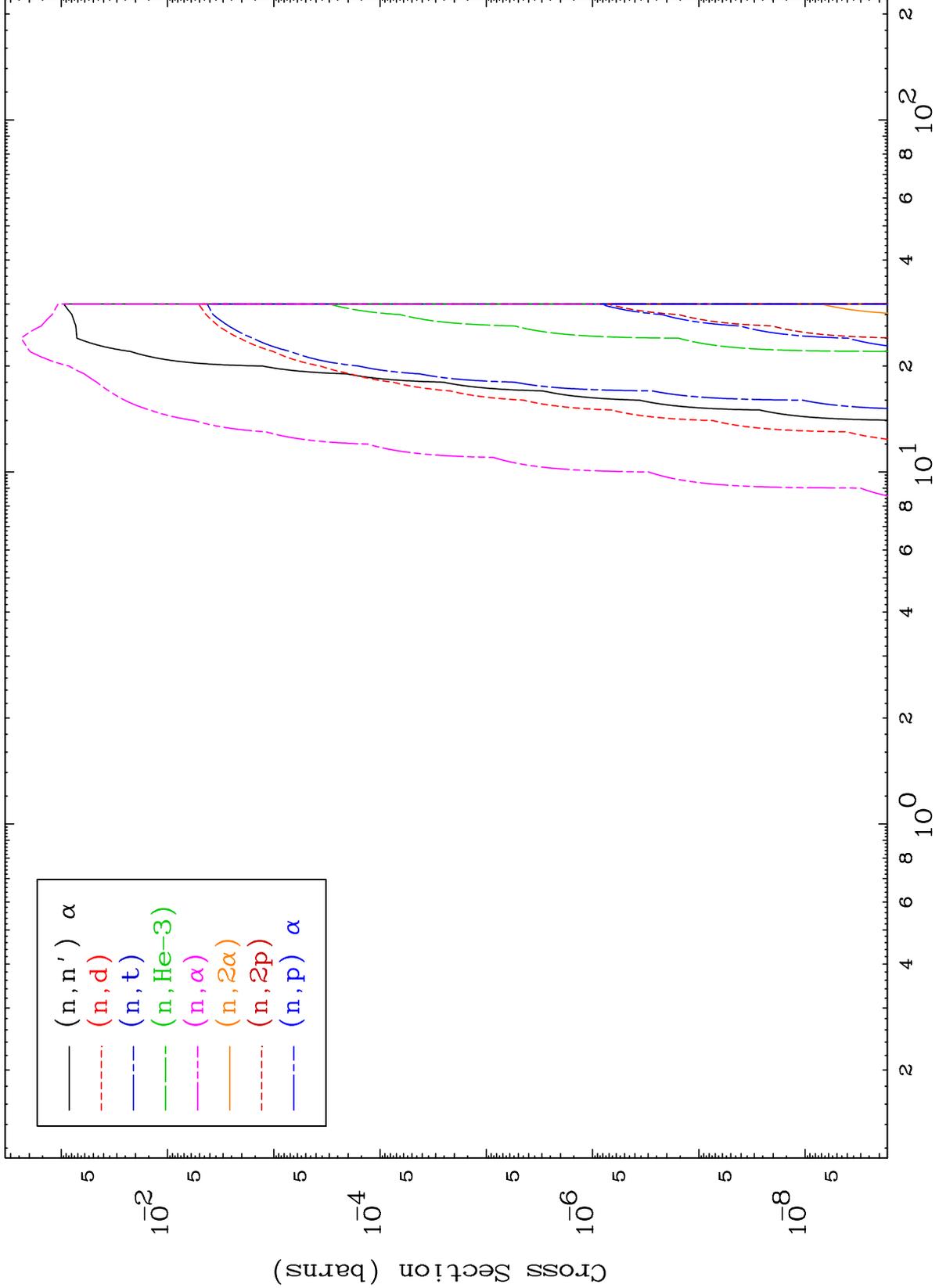










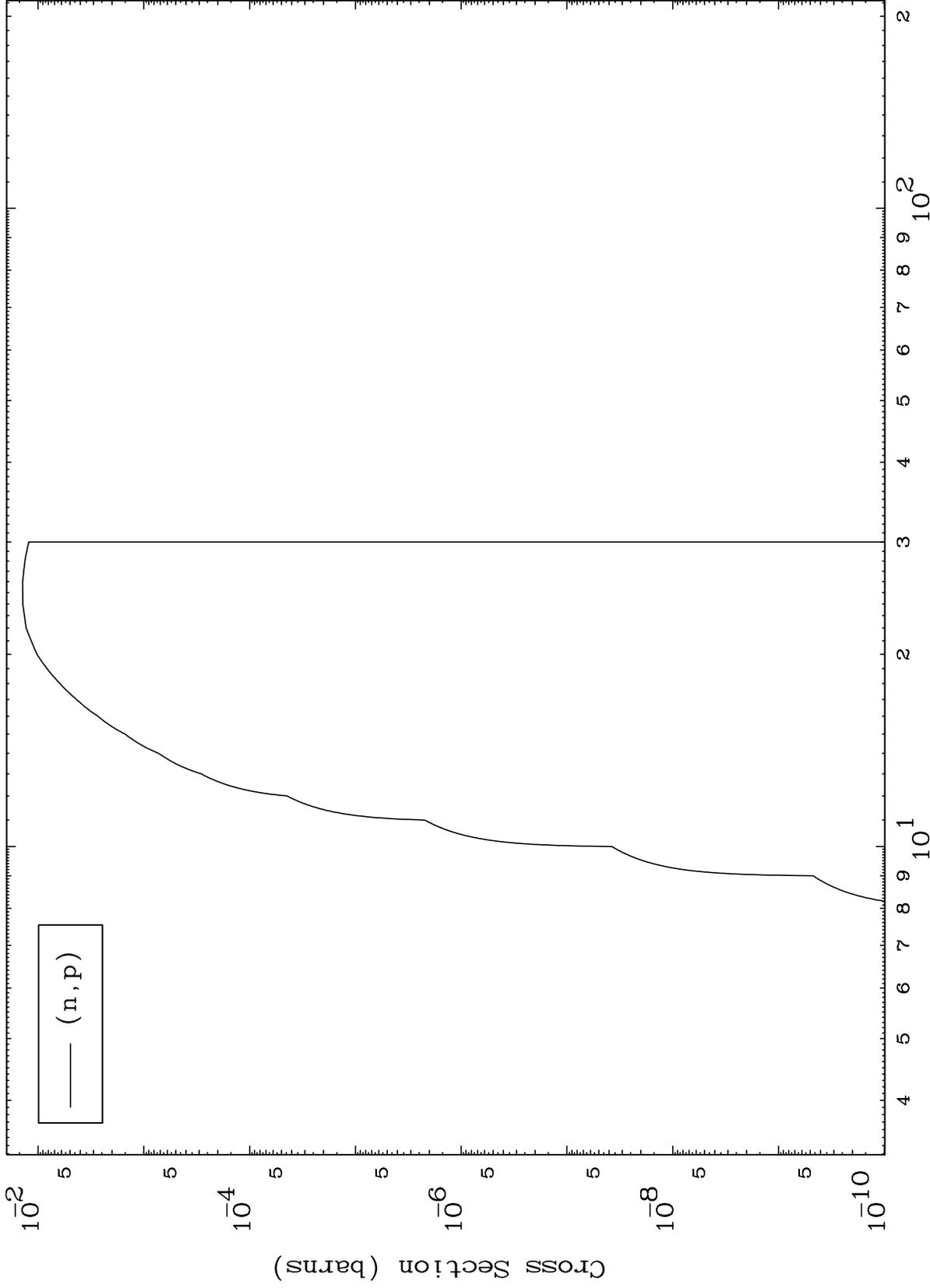


MAT 4740

( $\alpha, p$ ) Levels

47-Ag-112

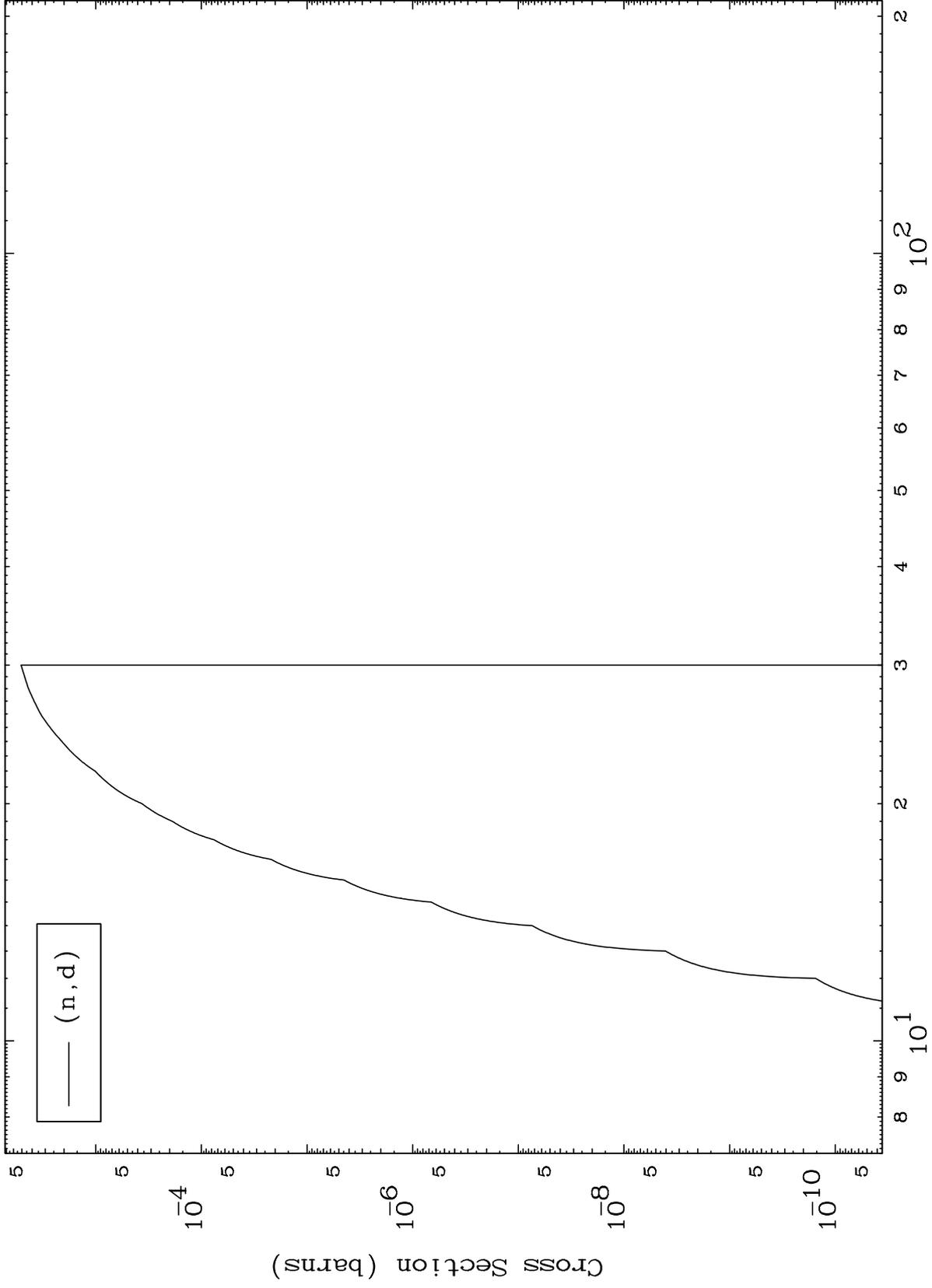
0 Kelvin Cross Sections



MAT 4740

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

47-Ag-112



8

Incident Energy (MeV)

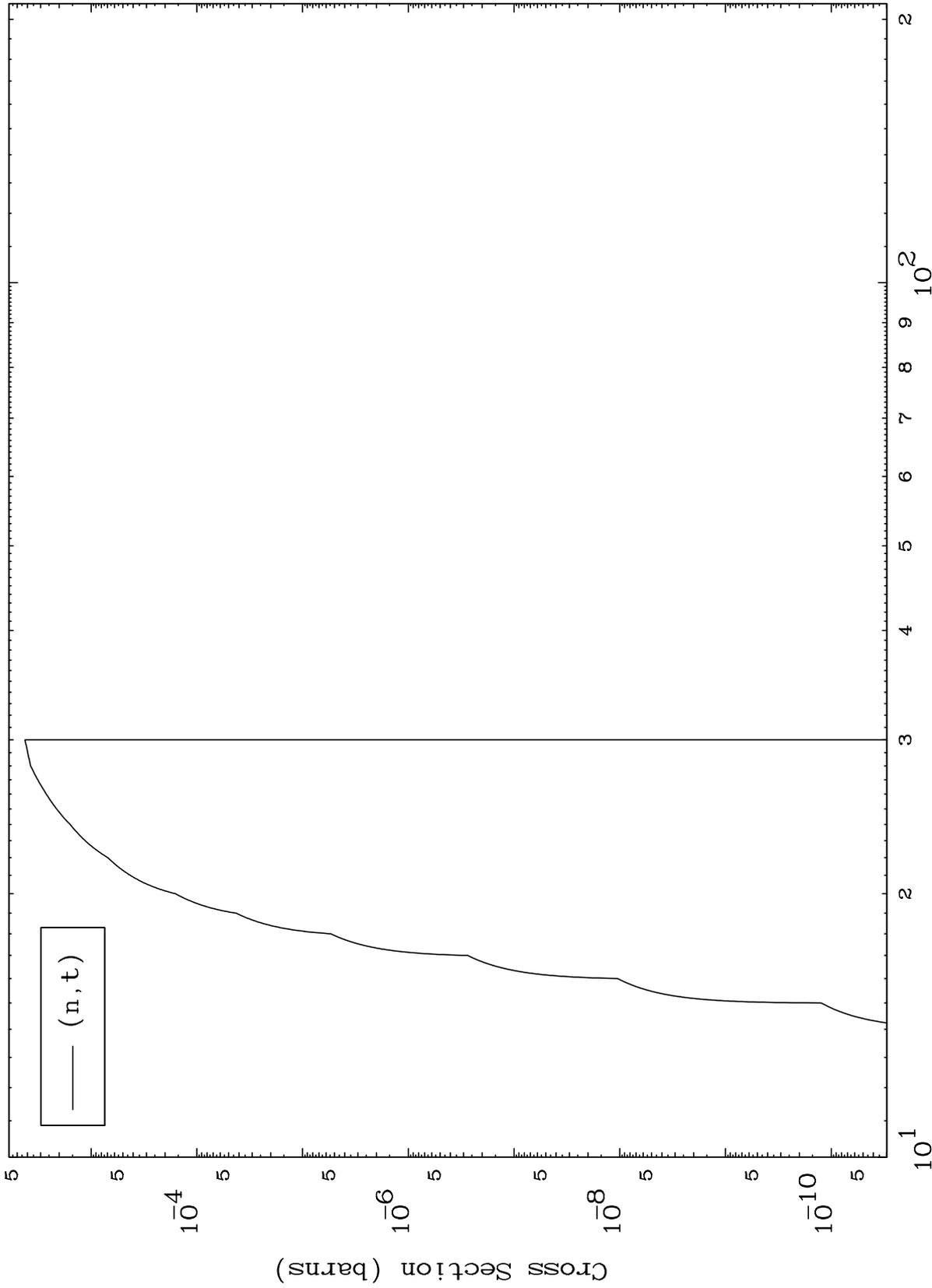
47-Ag-112

MAT 4740

( $\alpha, t$ ) Levels

47-Ag-112

0 Kelvin Cross Sections



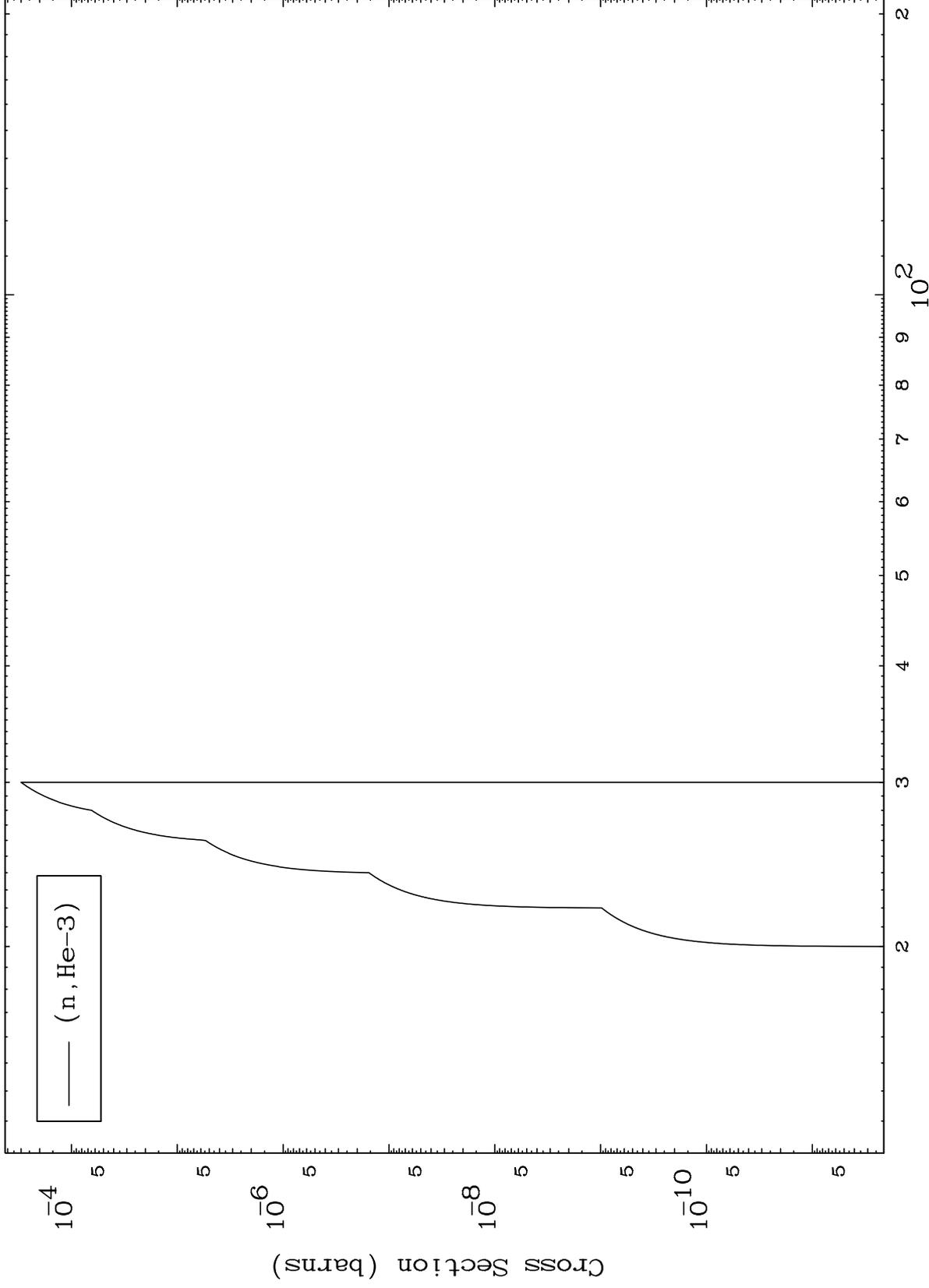
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



10

Incident Energy (MeV)

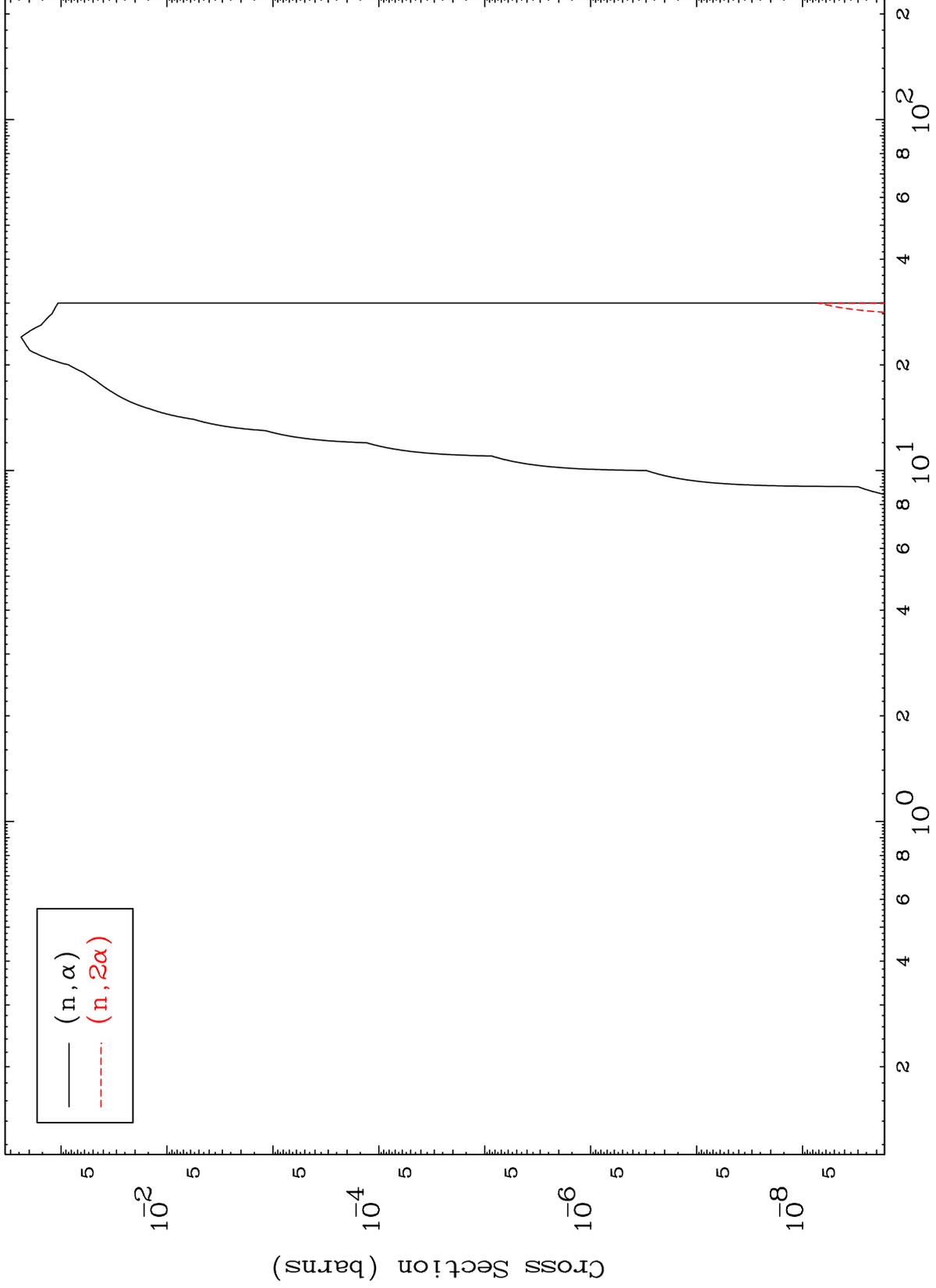
47-Ag-112

MAT 4740

( $\alpha, \alpha$ ) Levels

47-Ag-112

0 Kelvin Cross Sections

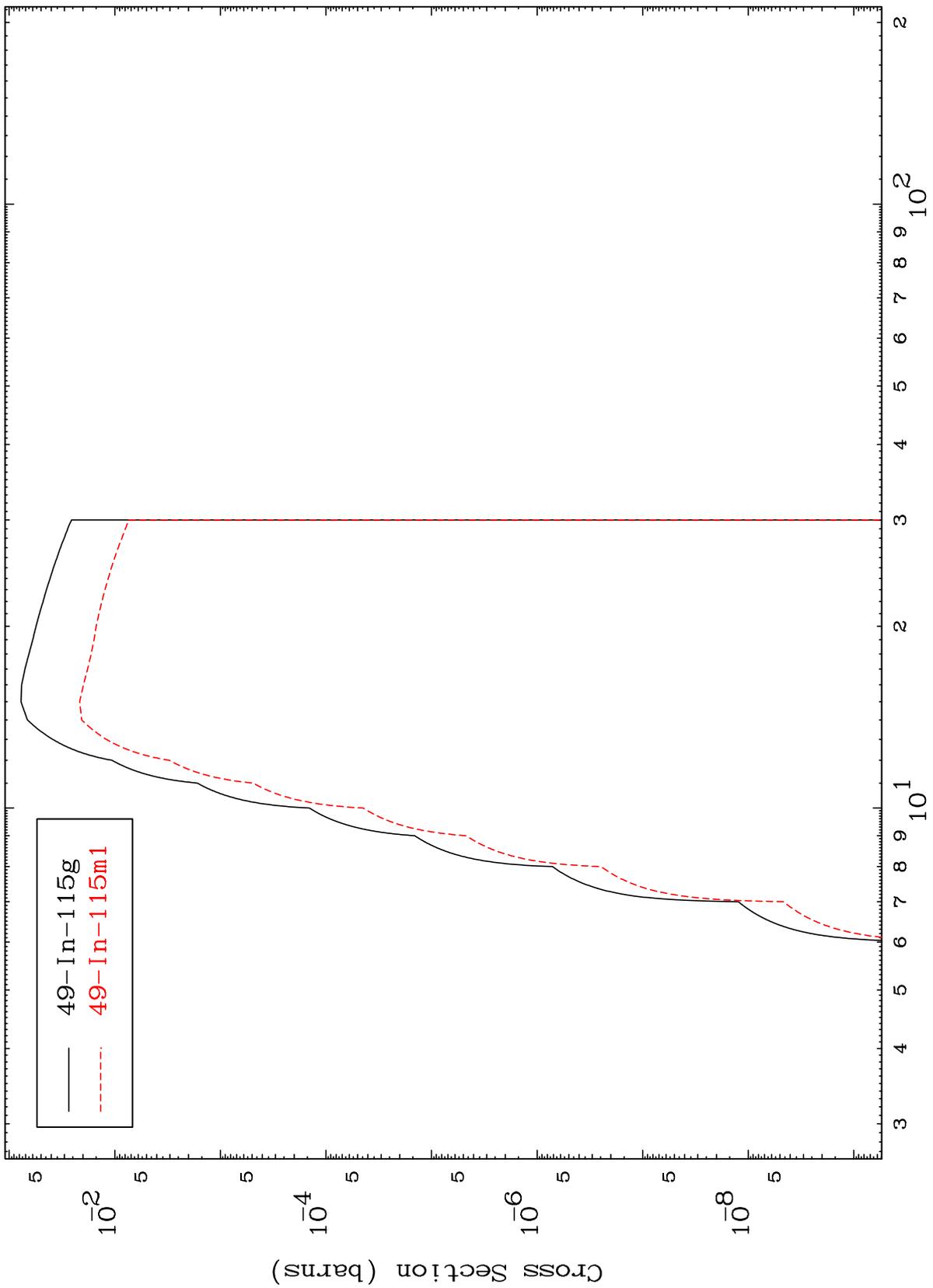


— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

MAT 4740

47-Ag-112

### Radionuclide Production Cross Section



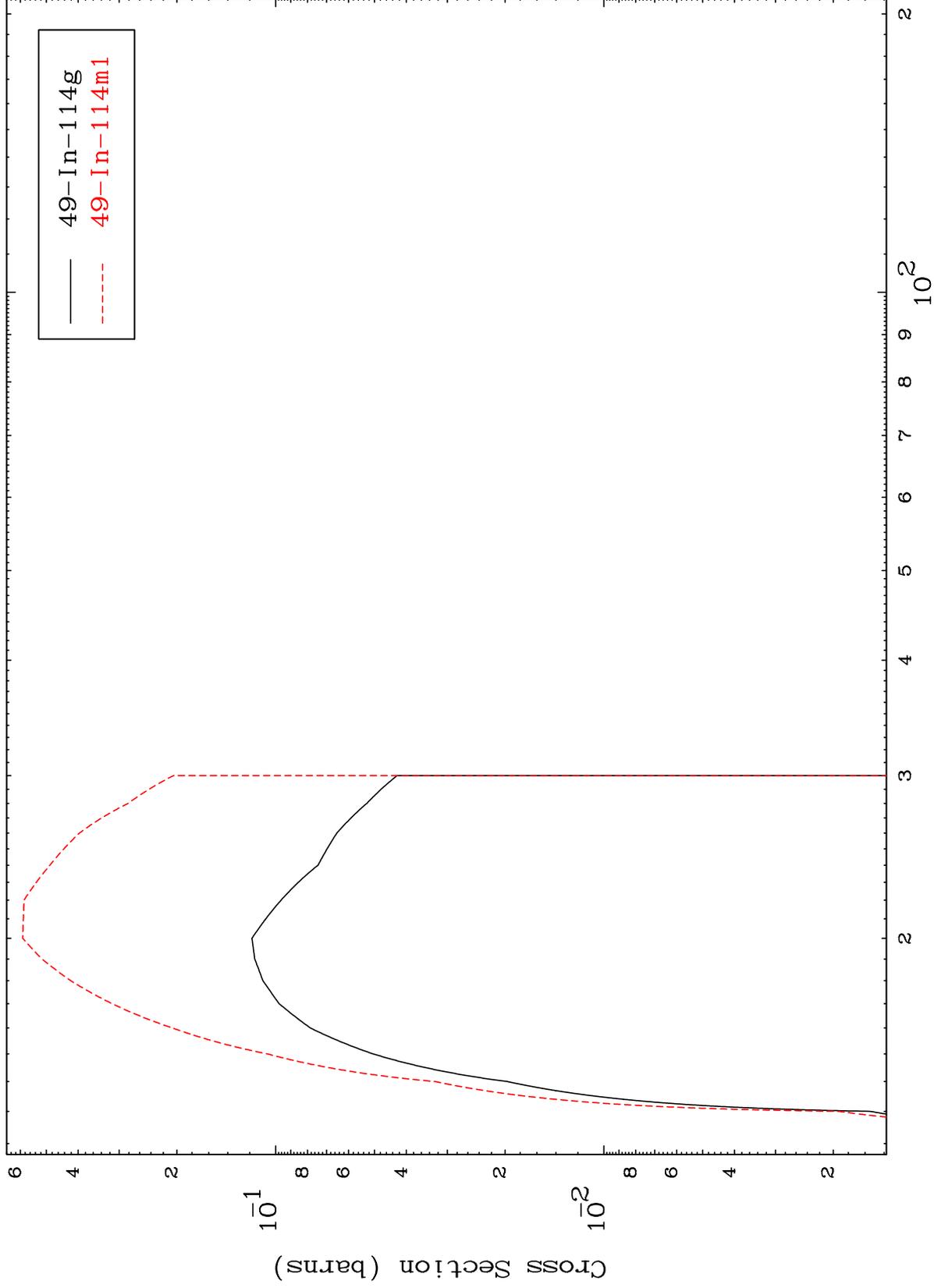
— 49-In-115g  
- - - 49-In-115m1

47-Ag-112

Incident Energy (MeV)

12

Radionuclide Production Cross Section

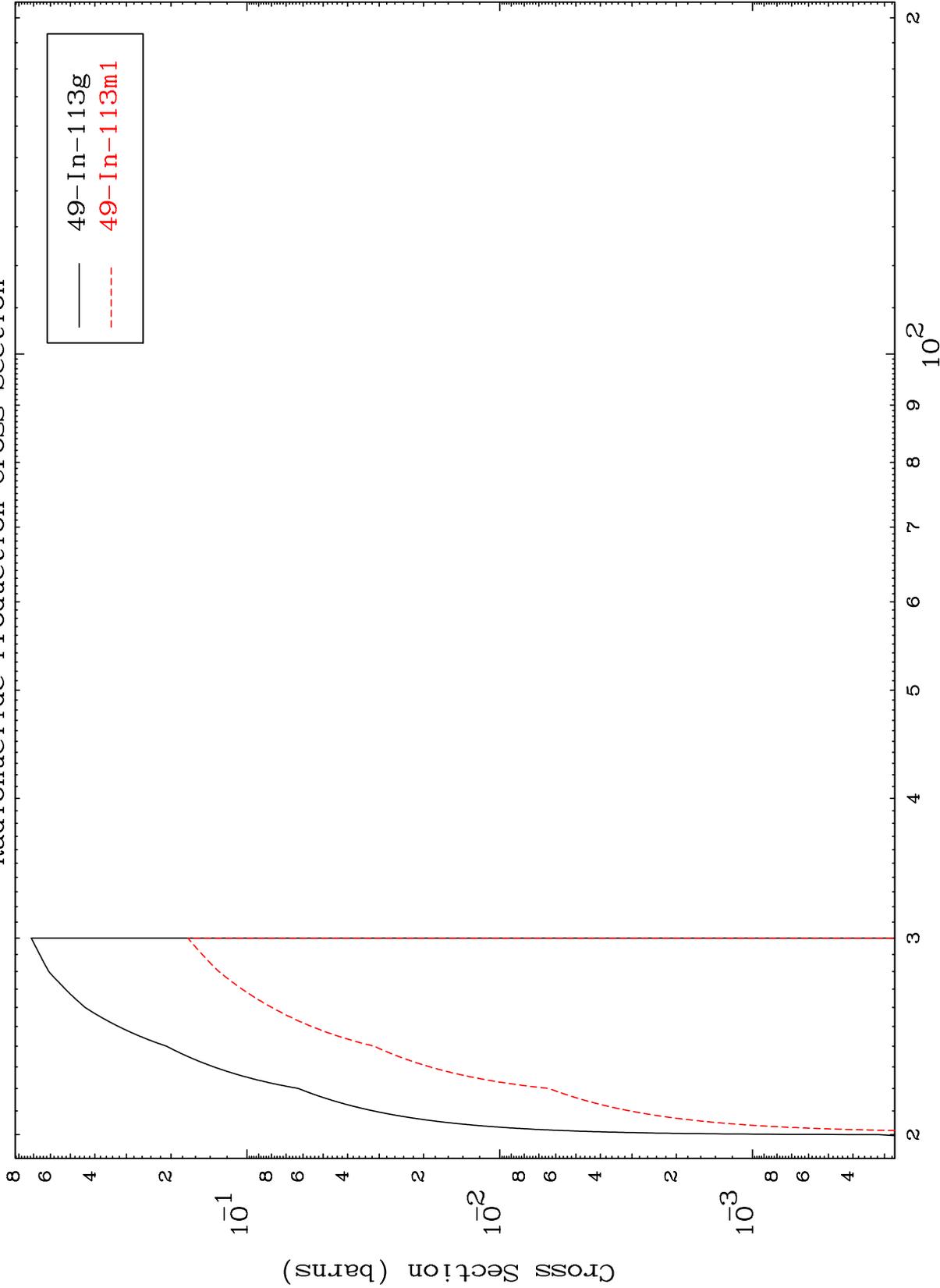


MAT 4740

(n,3n)

47-Ag-112

Radionuclide Production Cross Section



14

Incident Energy (MeV)

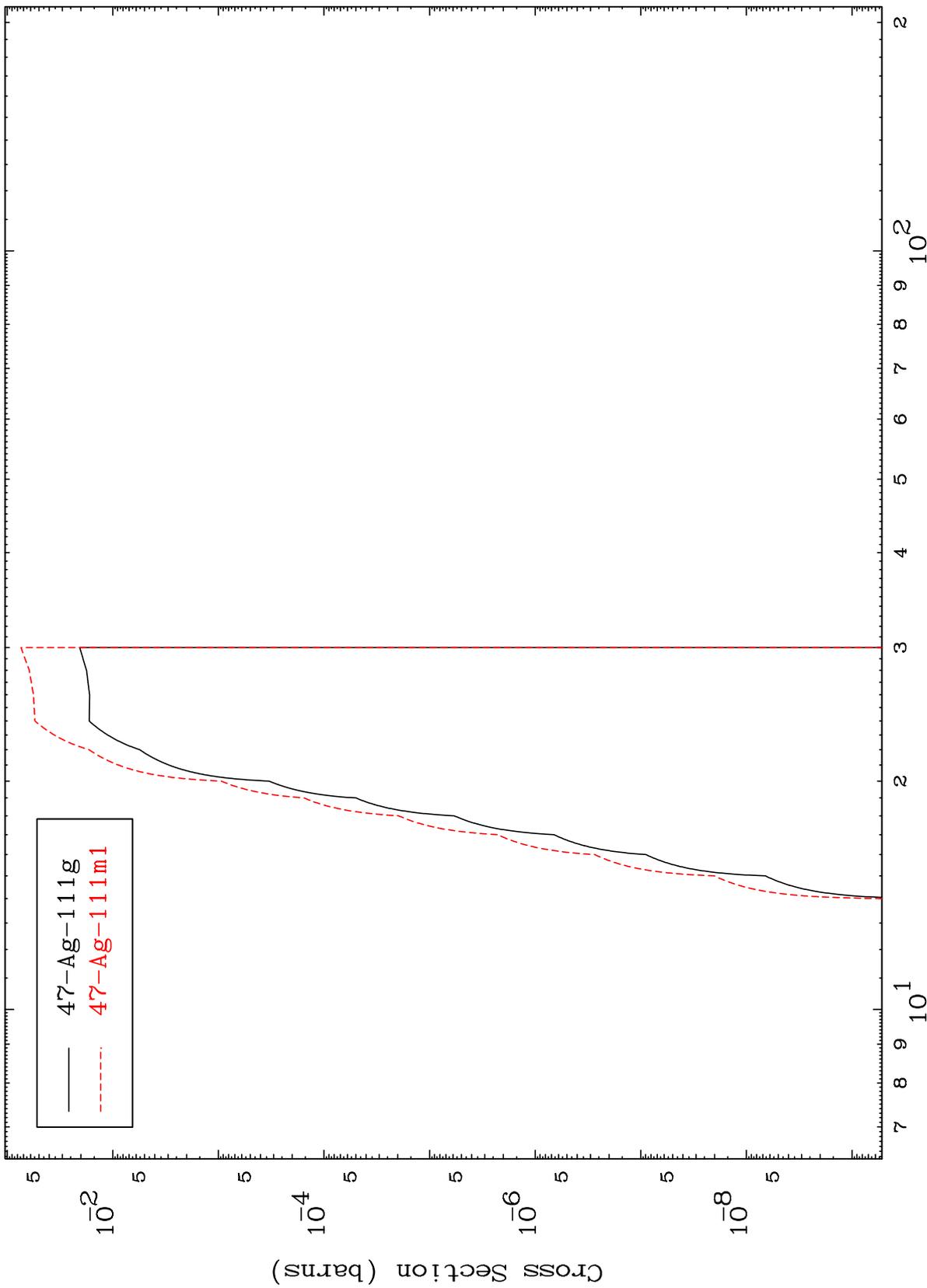
47-Ag-112

MAT 4740

47-Ag-112

(n,n')  $\alpha$

Radionuclide Production Cross Section



15

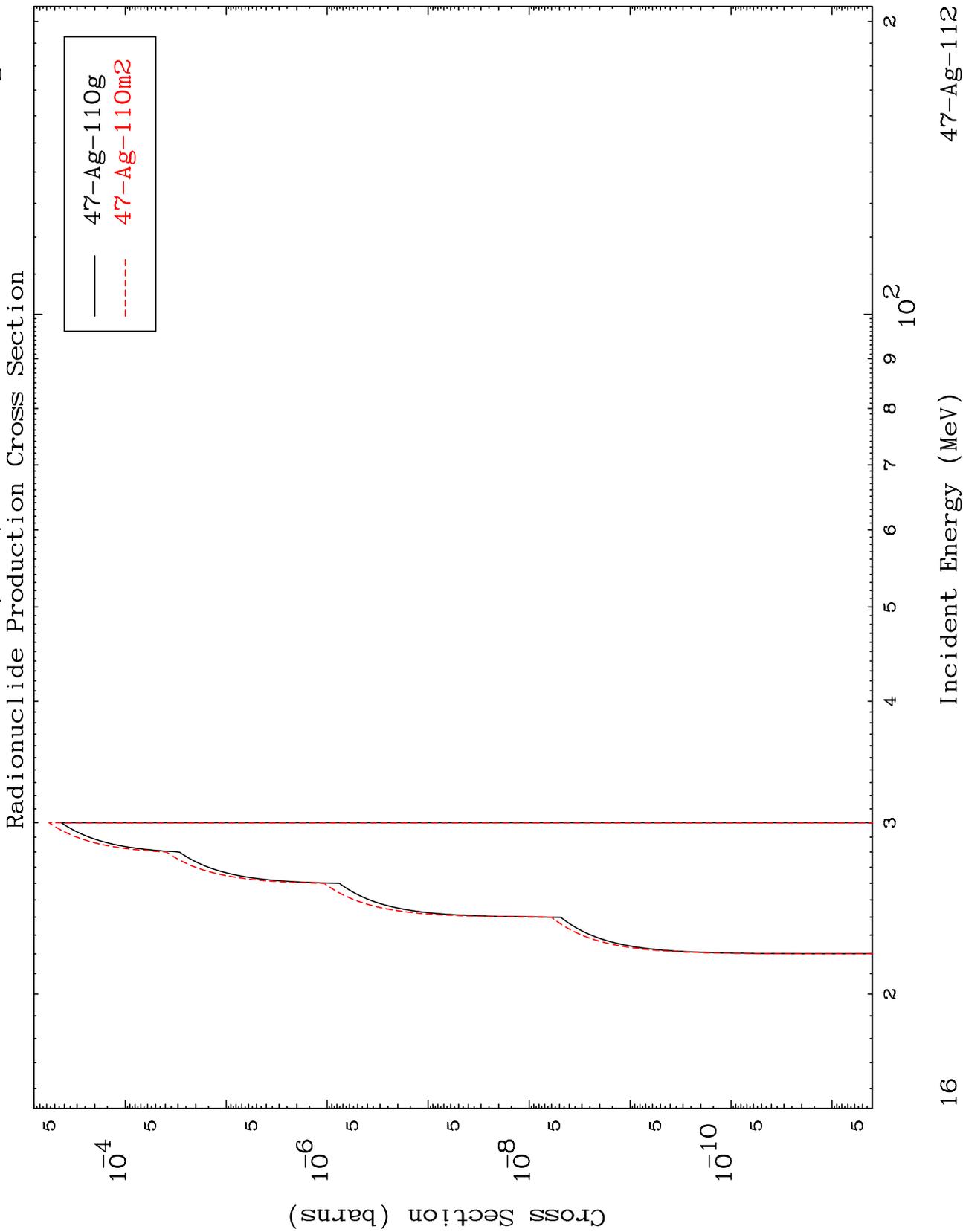
Incident Energy (MeV)

47-Ag-112

MAT 4740

(n,2n)  $\alpha$

47-Ag-112

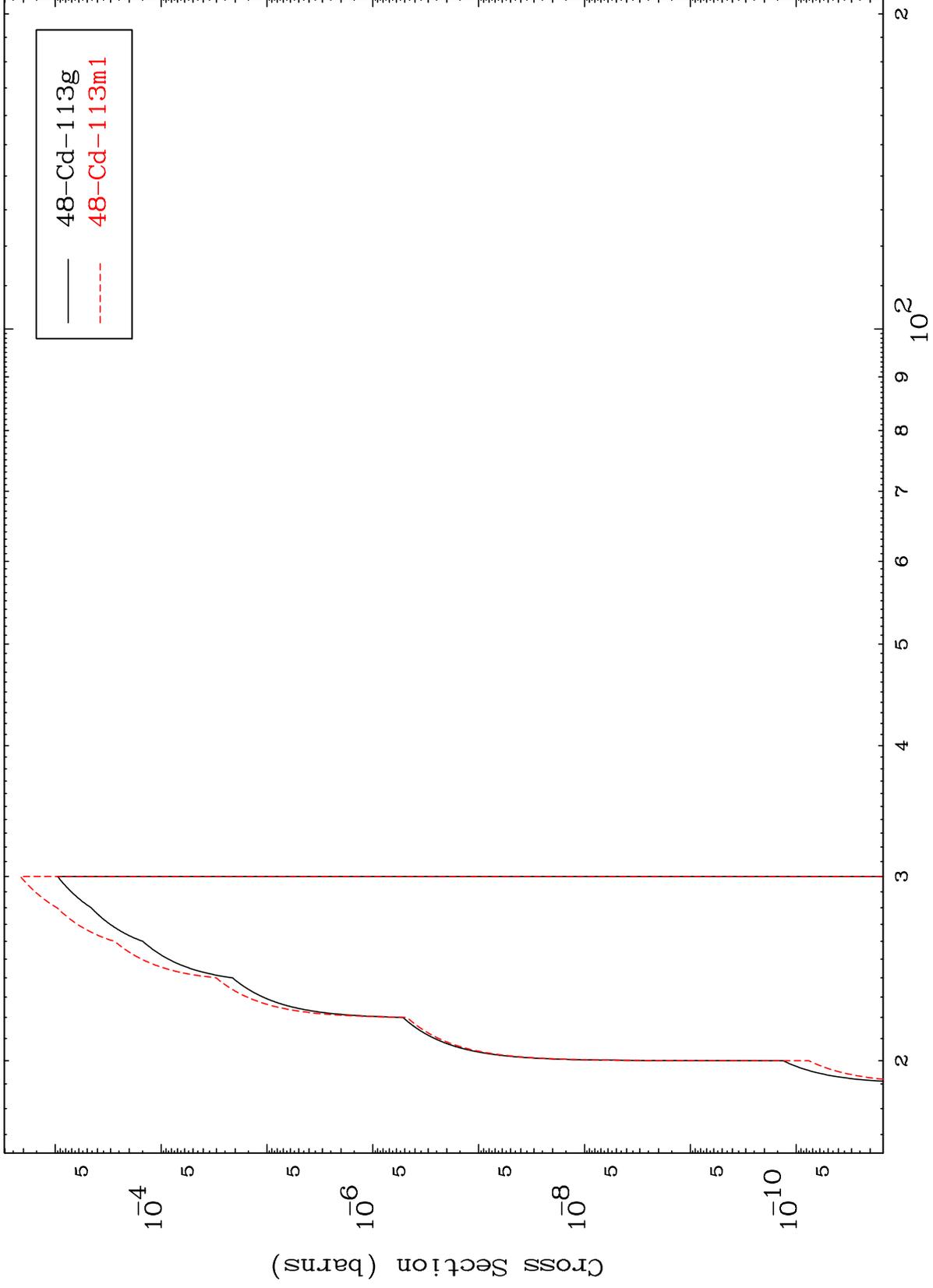


16

Incident Energy (MeV)

47-Ag-112

Radionuclide Production Cross Section

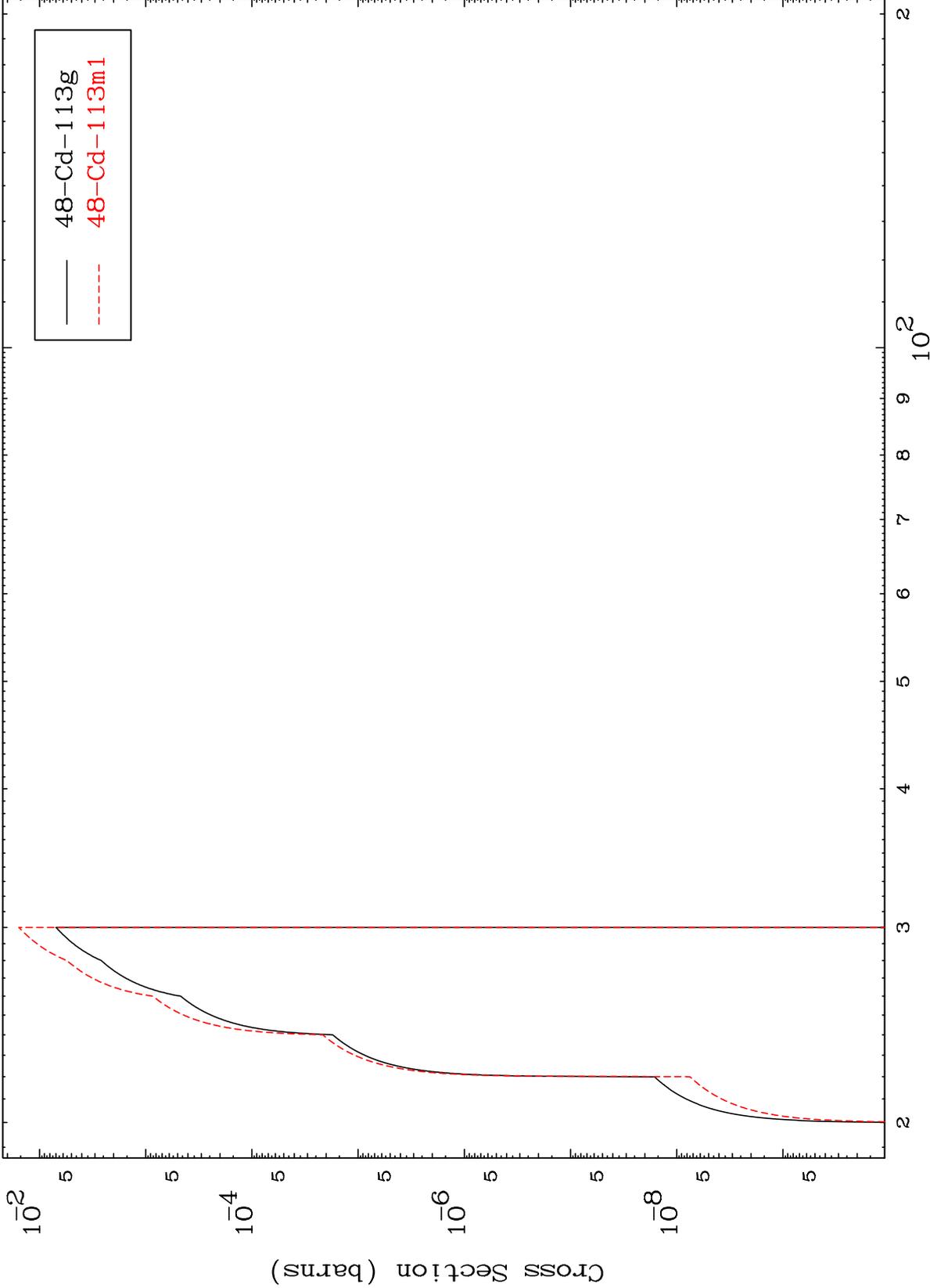


MAT 4740

(n,2n) p

47-Ag-112

Radionuclide Production Cross Section



18

Incident Energy (MeV)

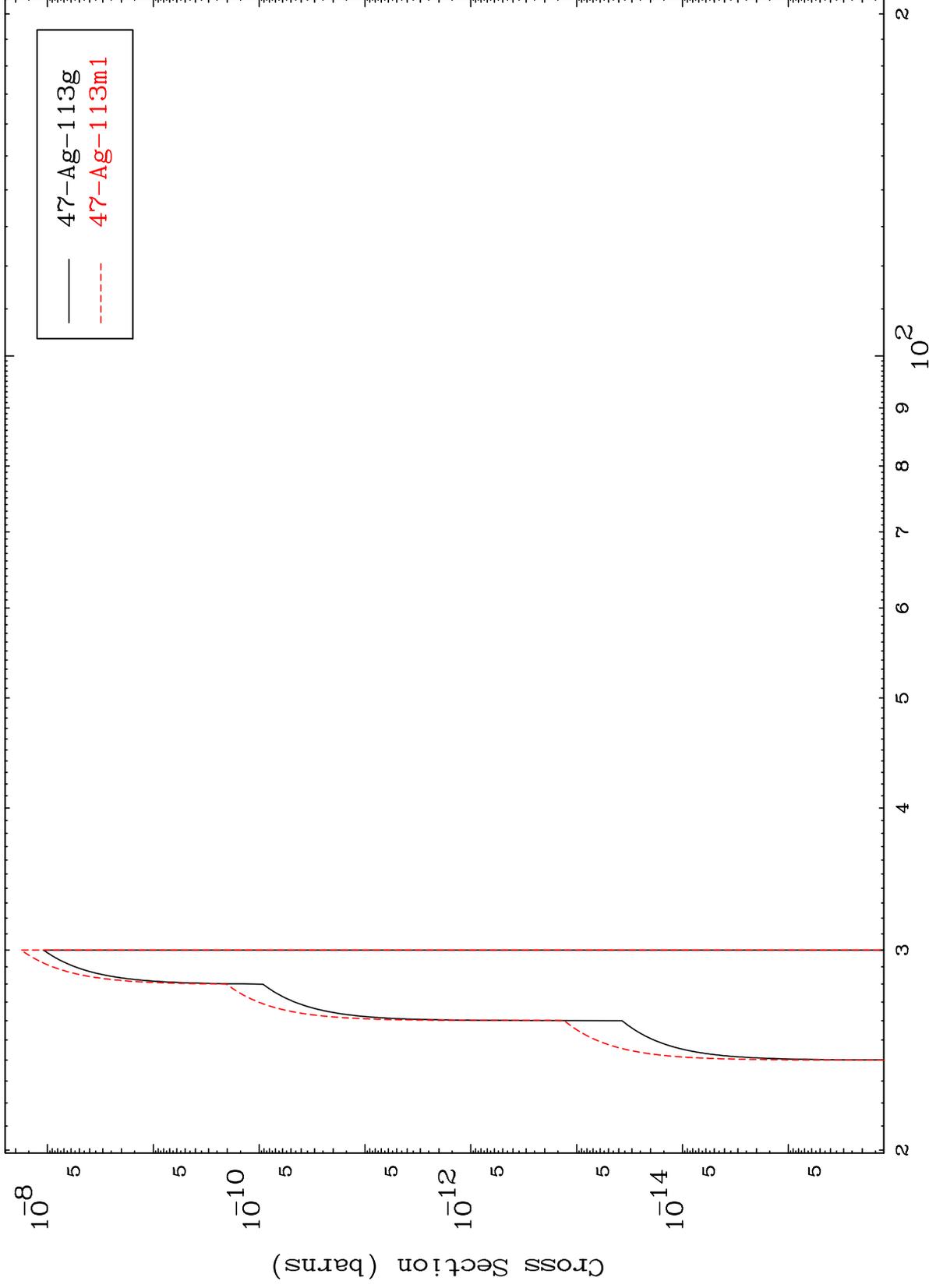
47-Ag-112

MAT 4740

(n,2n) p

47-Ag-112

Radionuclide Production Cross Section



19

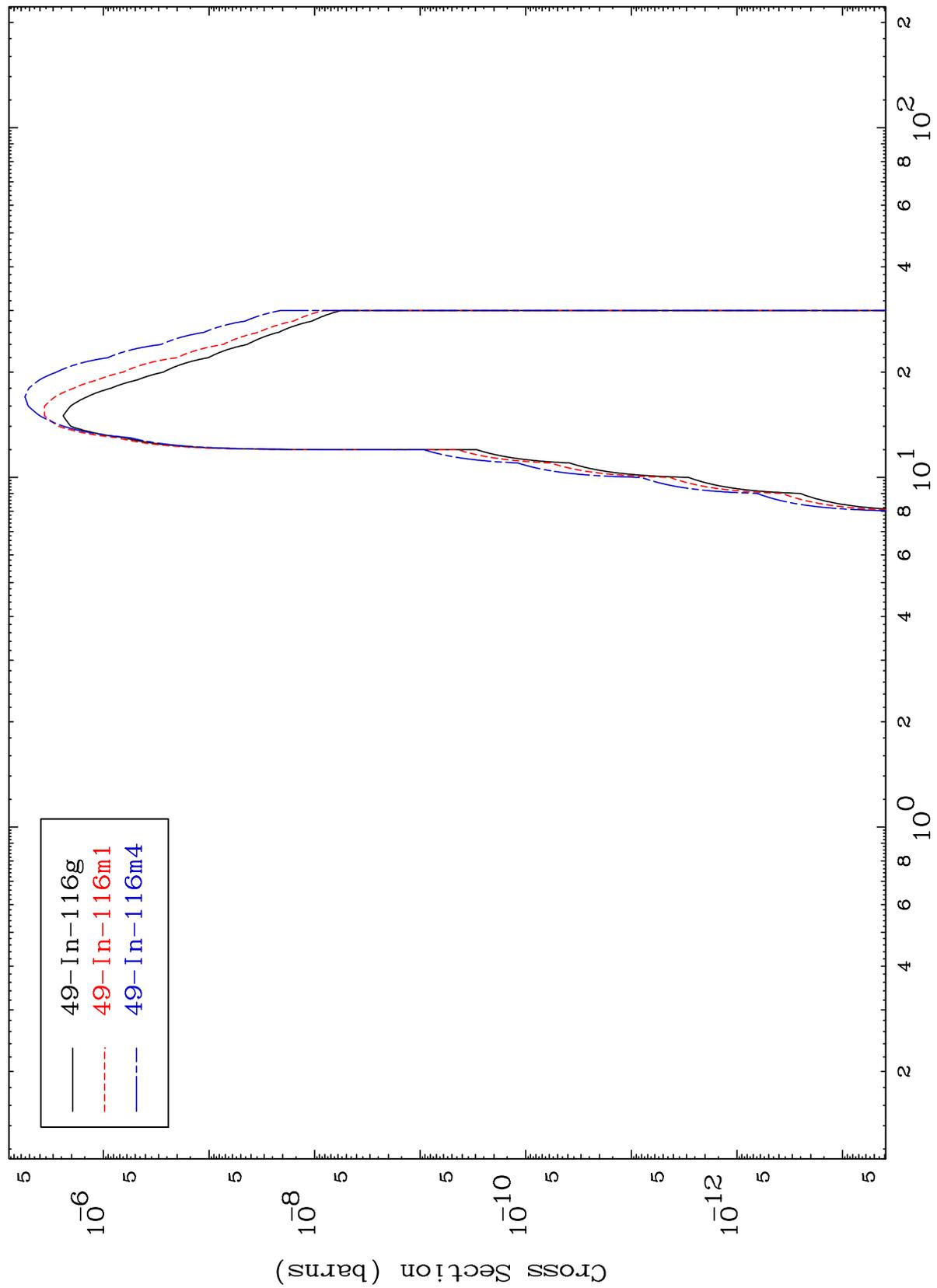
Incident Energy (MeV)

47-Ag-112

MAT 4740

47-Ag-112

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



47-Ag-112

Incident Energy (MeV)

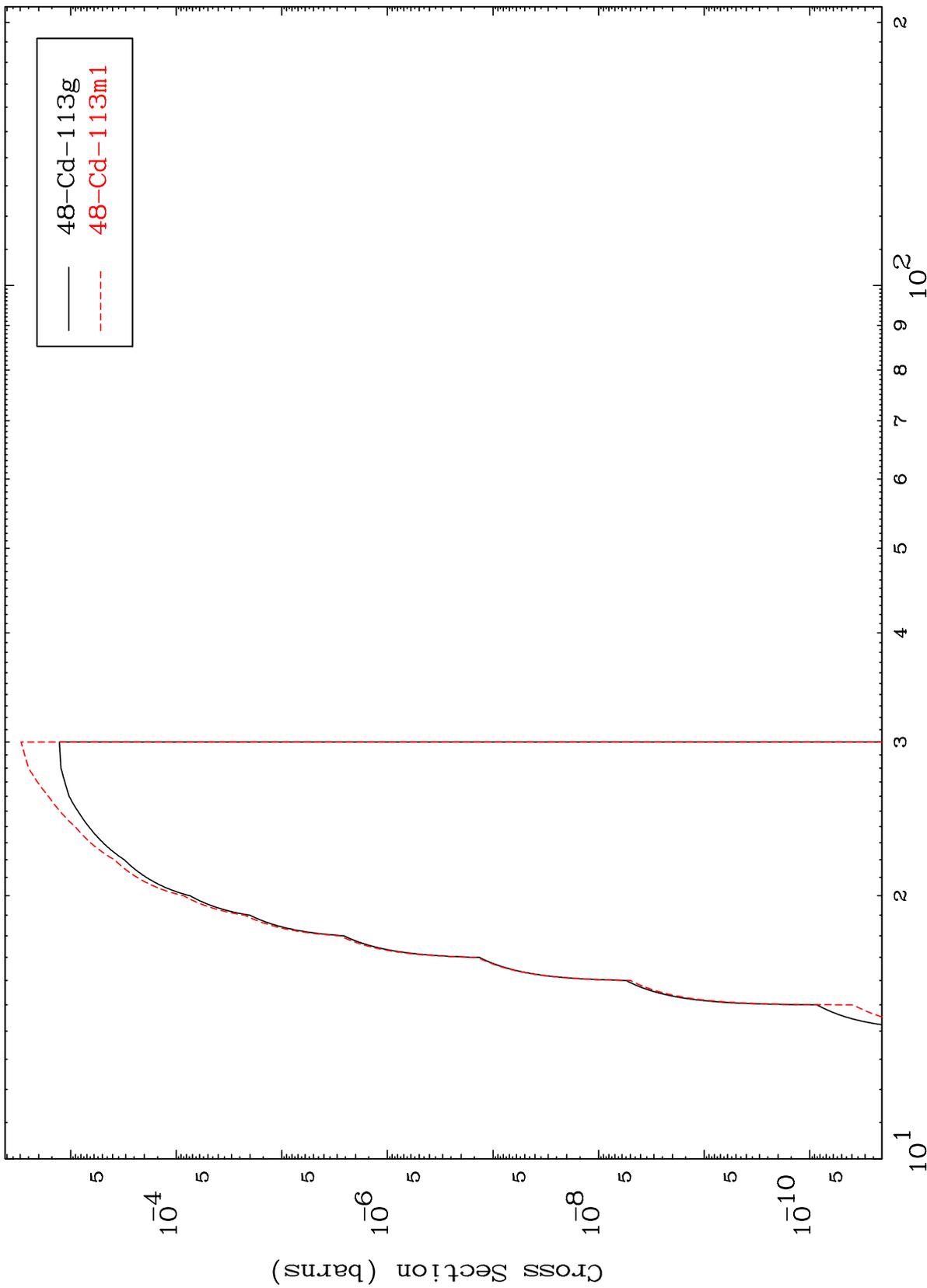
20



MAT 4740

47-Ag-112

(n,t)  
Radionuclide Production Cross Section

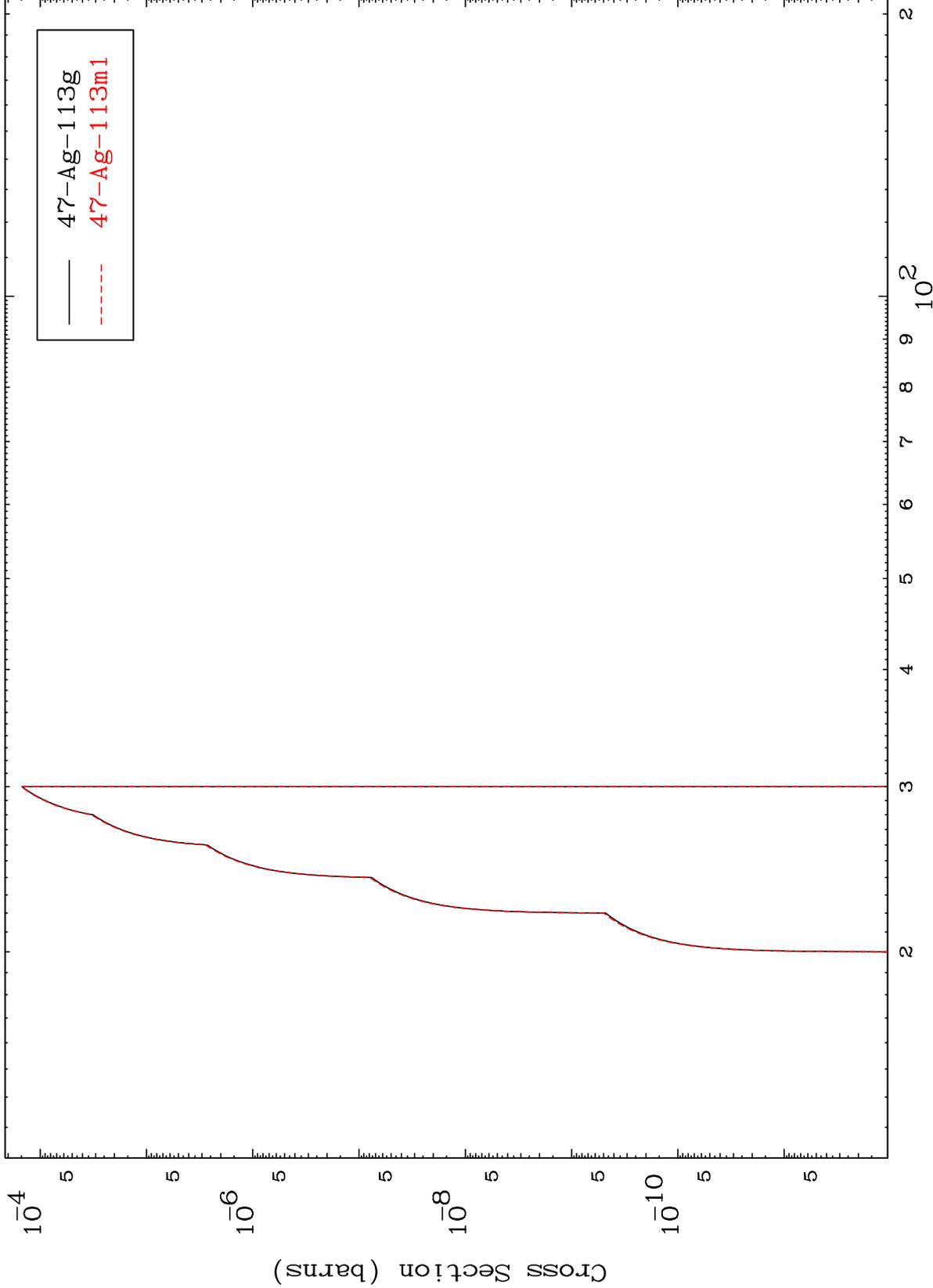


47-Ag-112

Incident Energy (MeV)

22

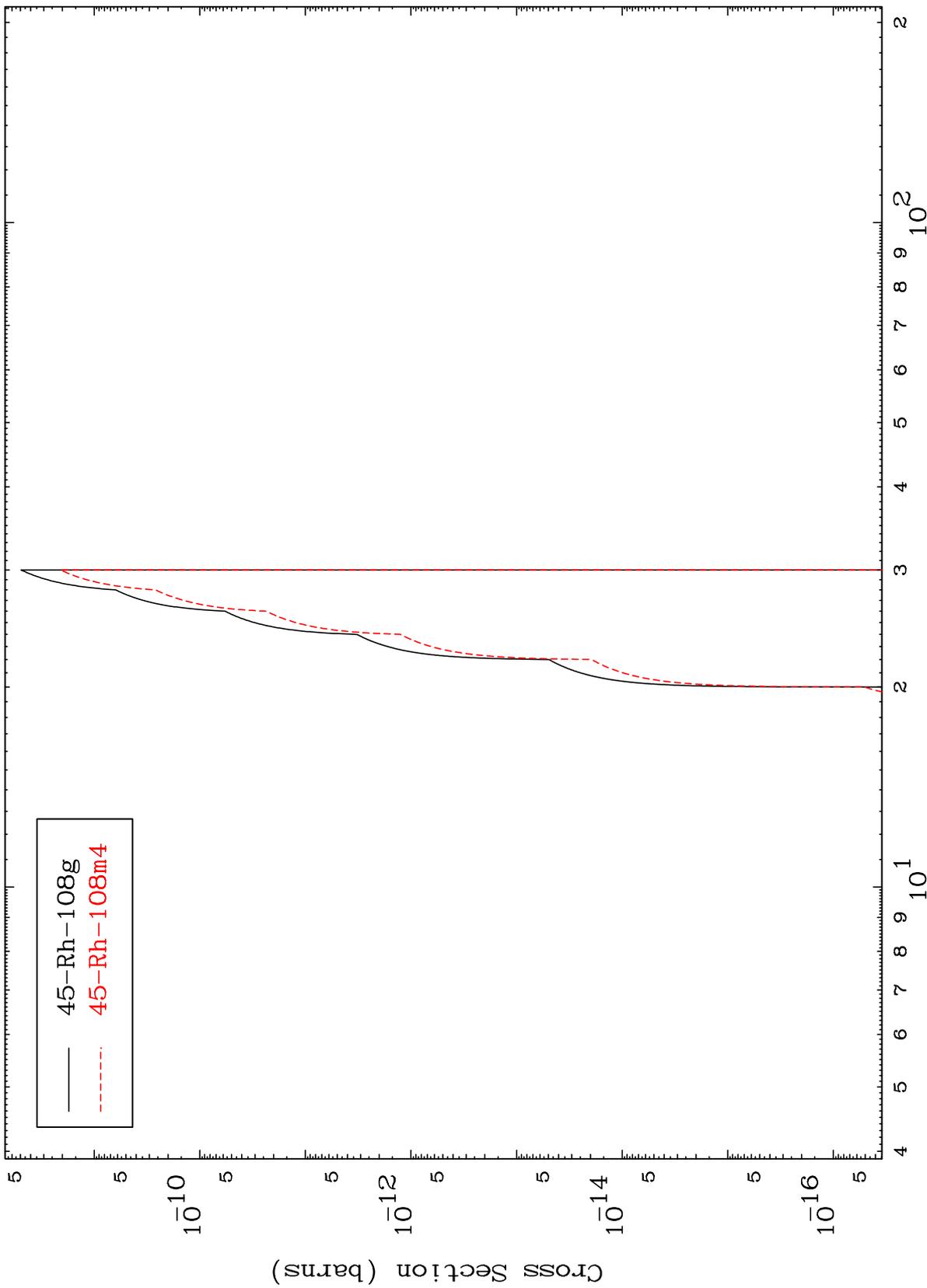
Radionuclide Production Cross Section



MAT 4740

47-Ag-112

(n,2α)  
Radionuclide Production Cross Section



— 45-Rh-108g  
- - - 45-Rh-108m4

24

Incident Energy (MeV)

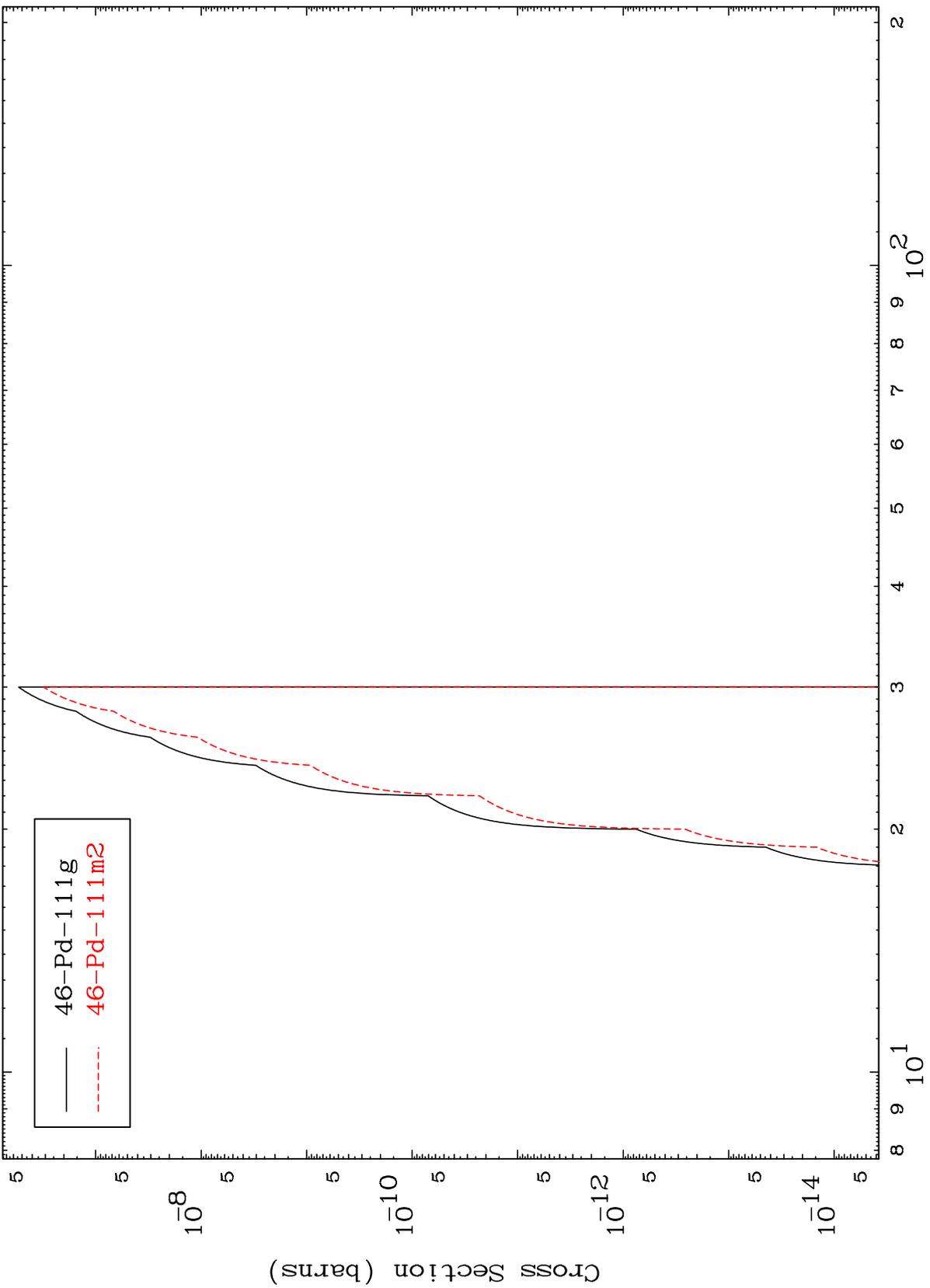
47-Ag-112

MAT 4740

(n,p)  $\alpha$

47-Ag-112

Radionuclide Production Cross Section



— 46-Pd-111g  
- - - 46-Pd-111m2

25

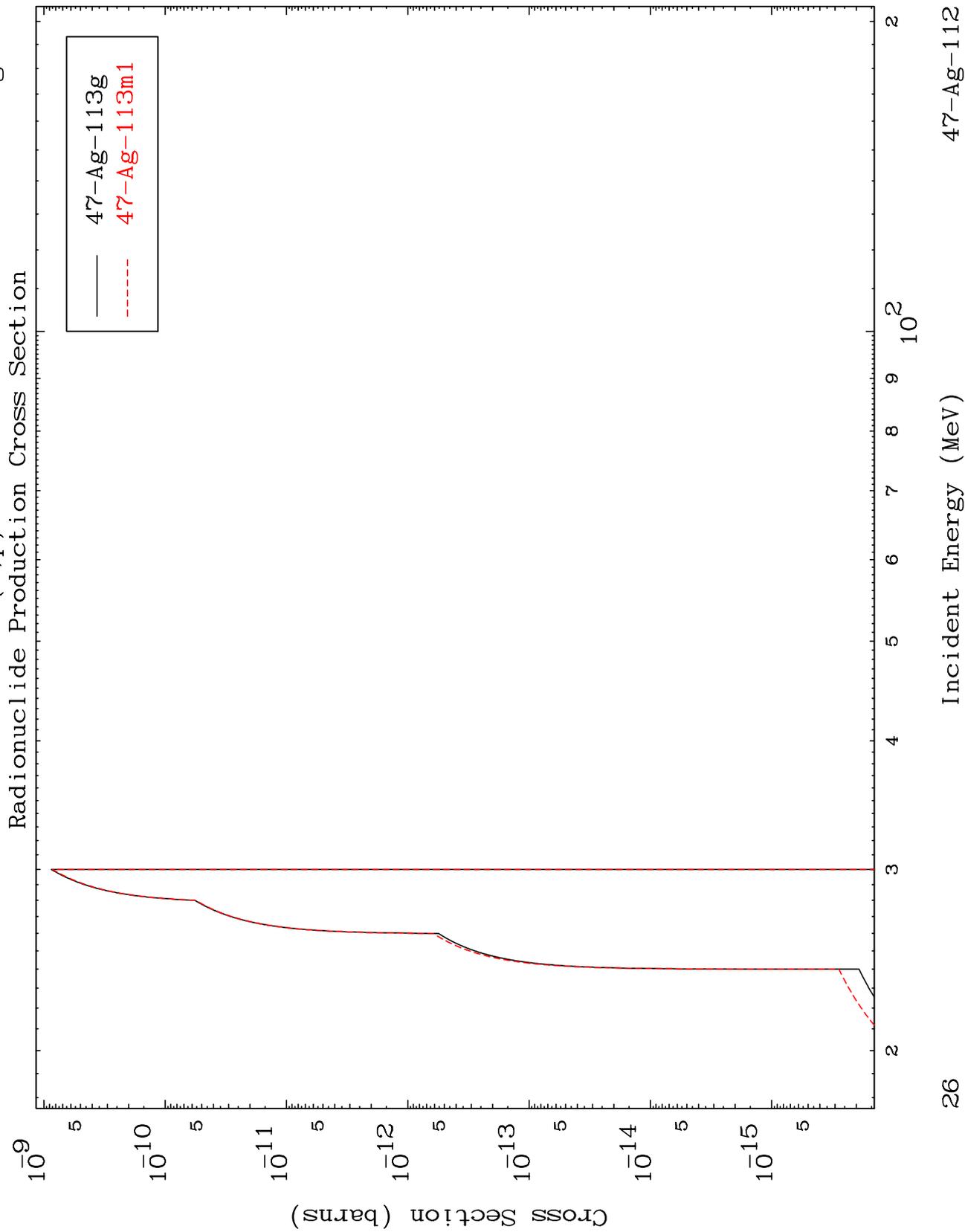
Incident Energy (MeV)

47-Ag-112

MAT 4740

(n,p) d

47-Ag-112



26

47-Ag-112