

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

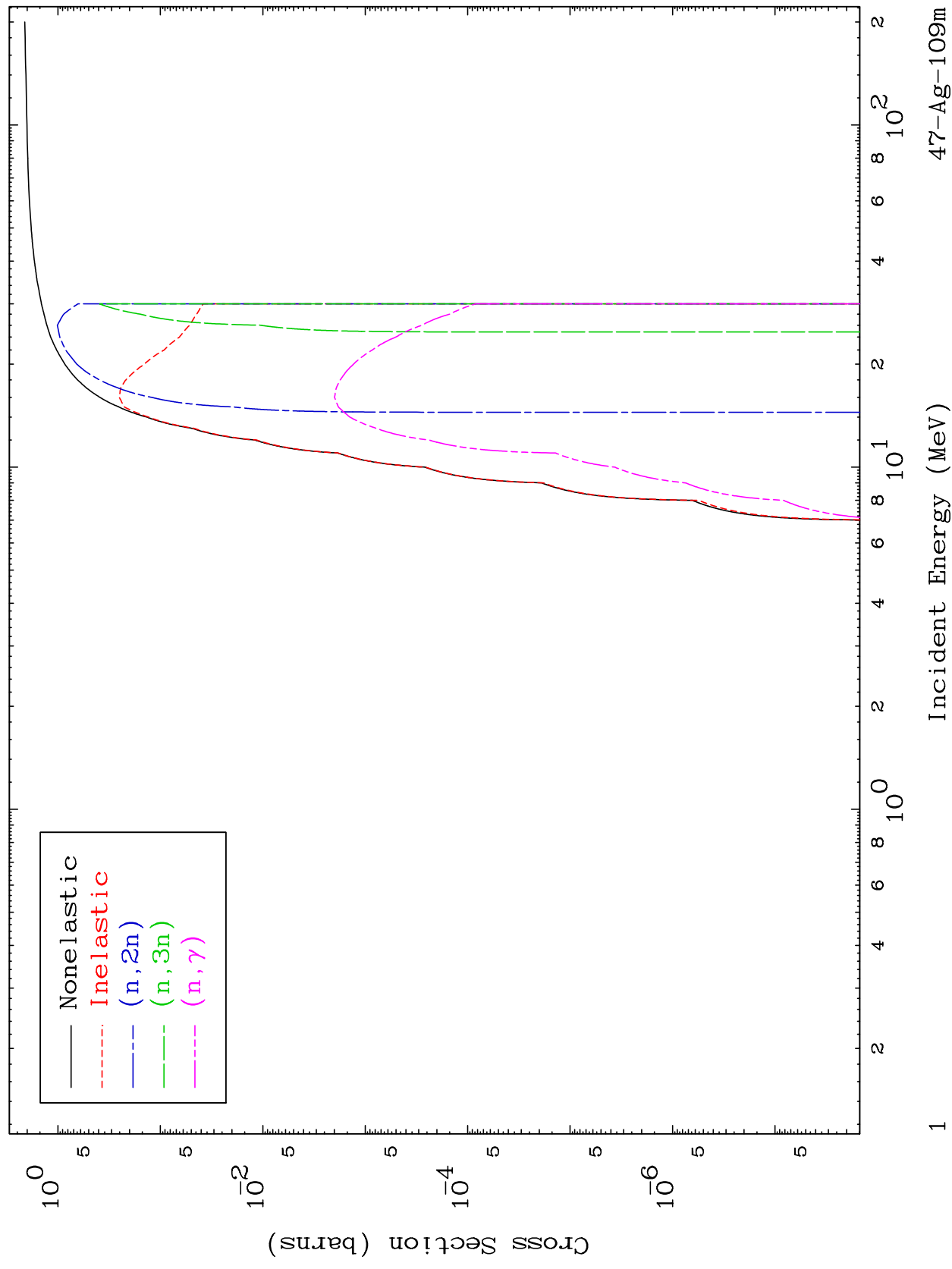
Press Mouse Button to Start

MAT 4732

0 Kelvin

α Major

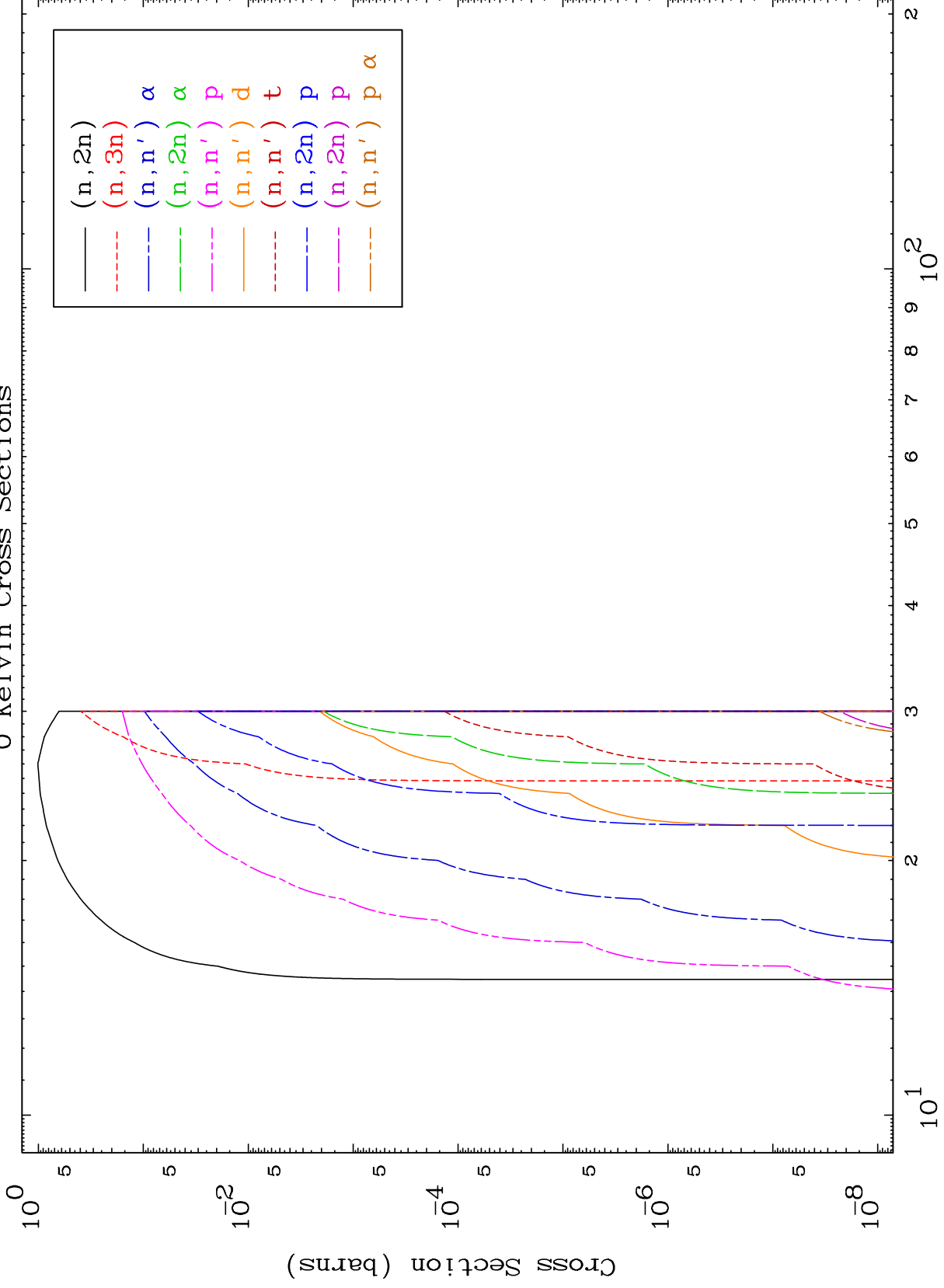
47-Ag-109m



MAT 4732

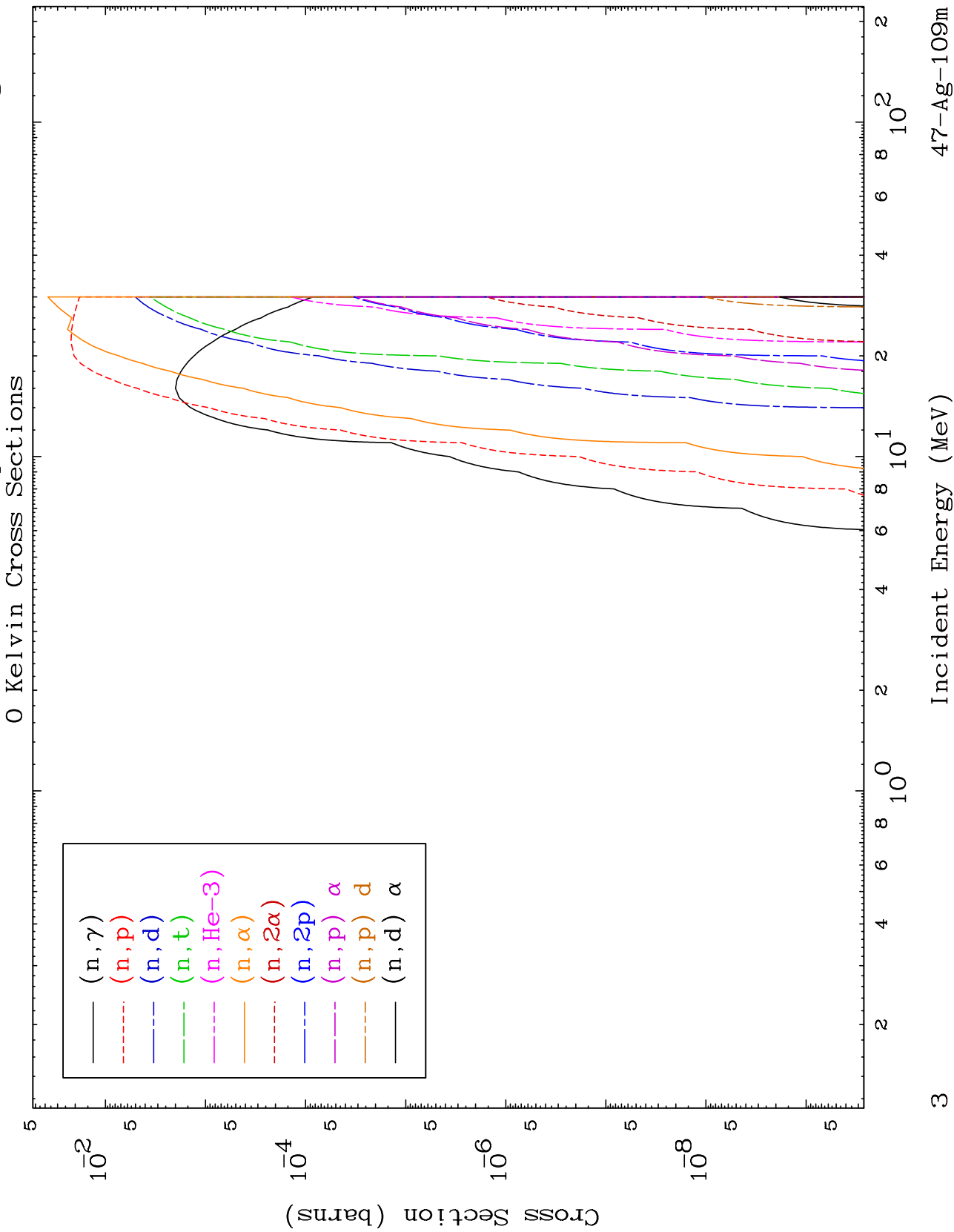
α Neutron Absorption
0 Kelvin Cross Sections

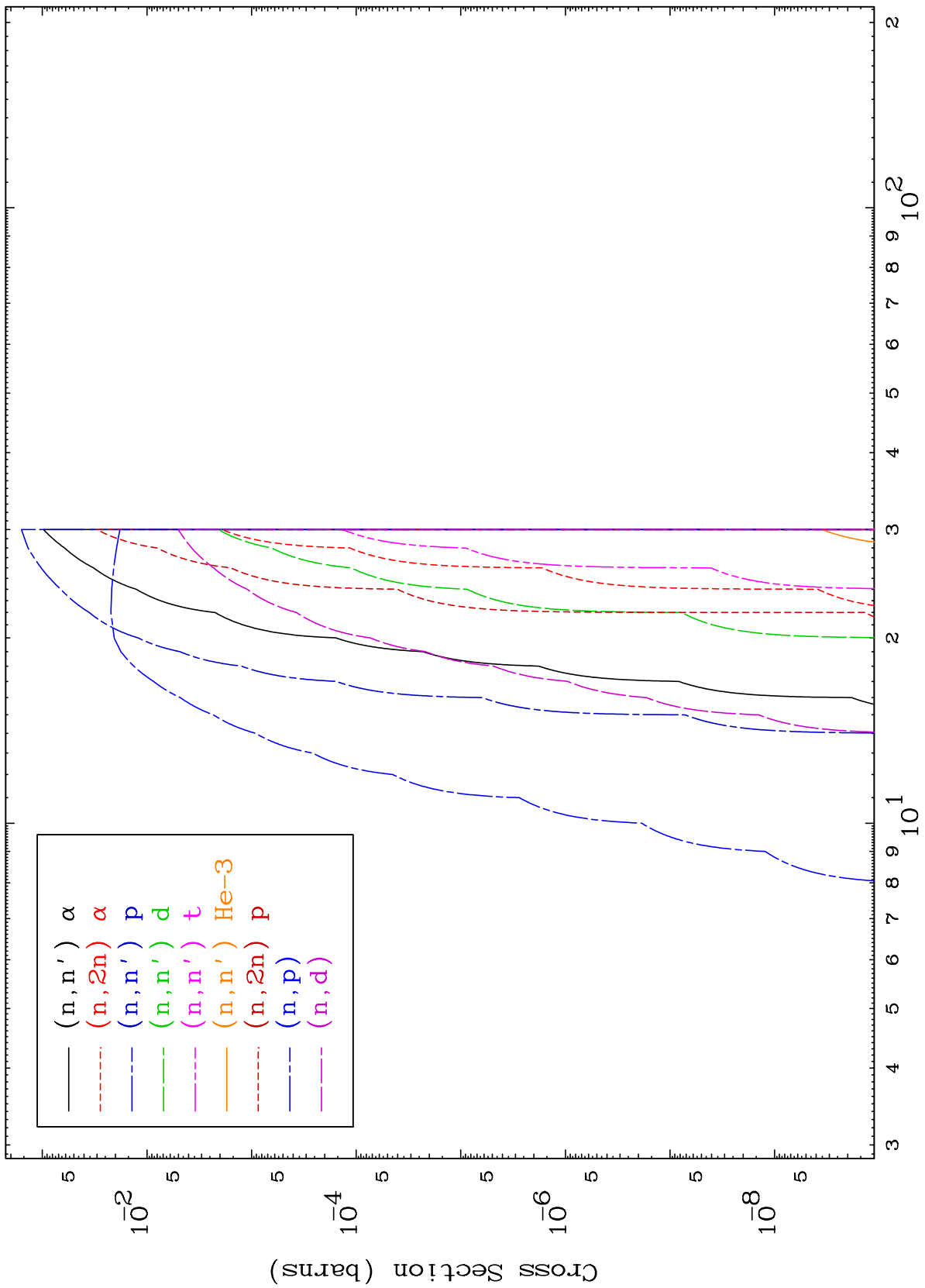
47-Ag-109m

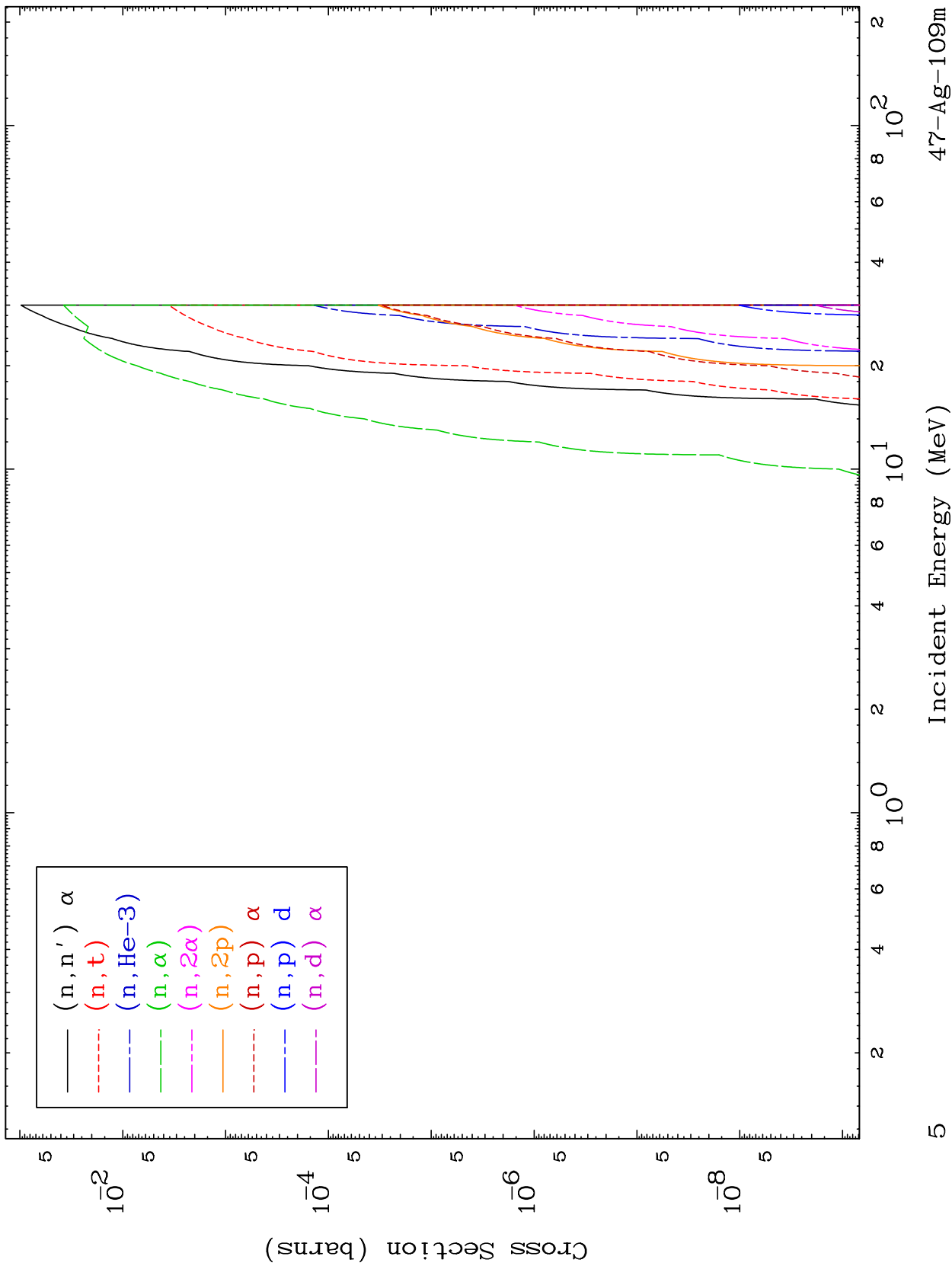


Incident Energy (MeV)

47-Ag-109m





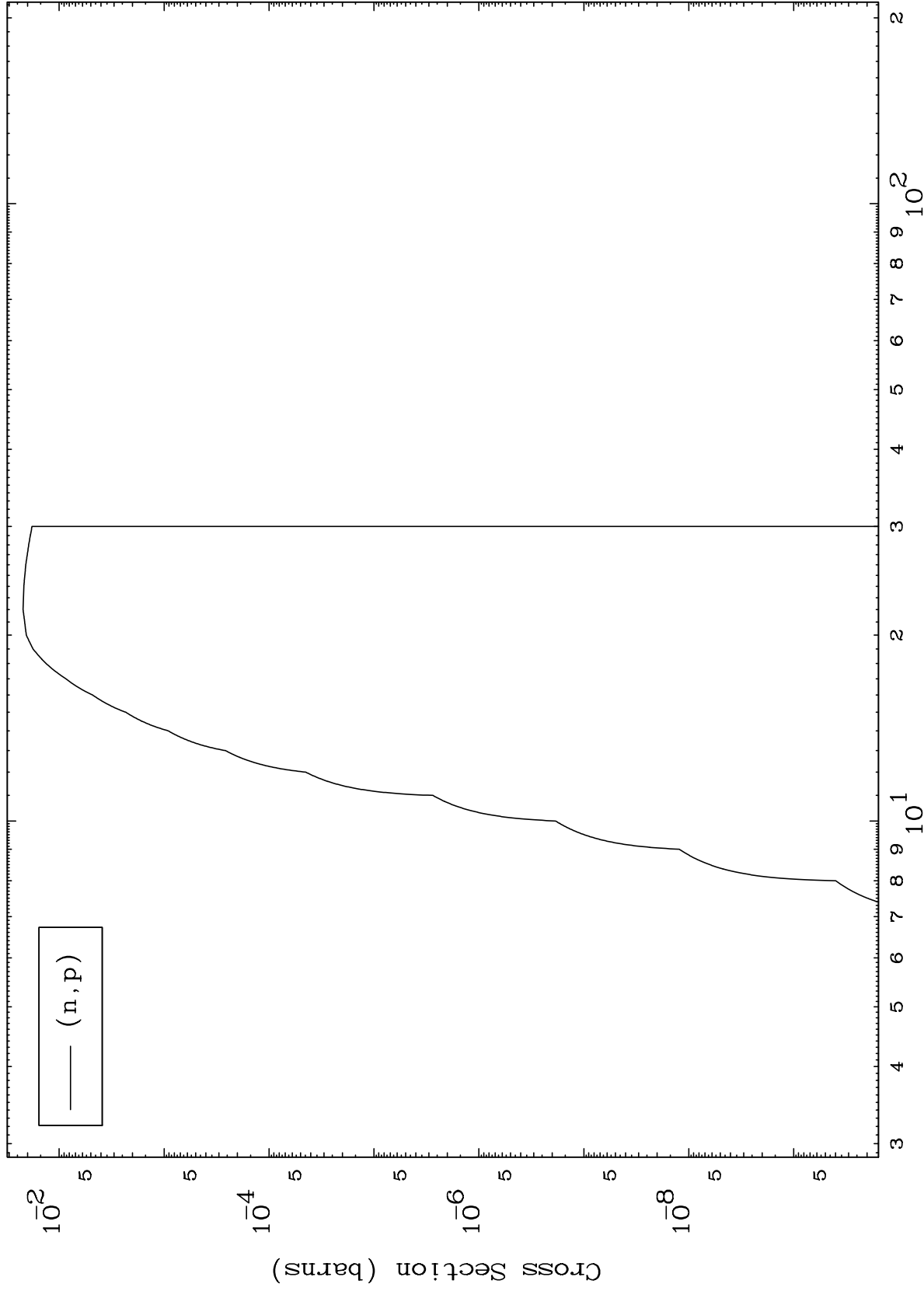


MAT 4732

(α, p) Levels

47-Ag-109m

0 Kelvin Cross Sections



Incident Energy (MeV)

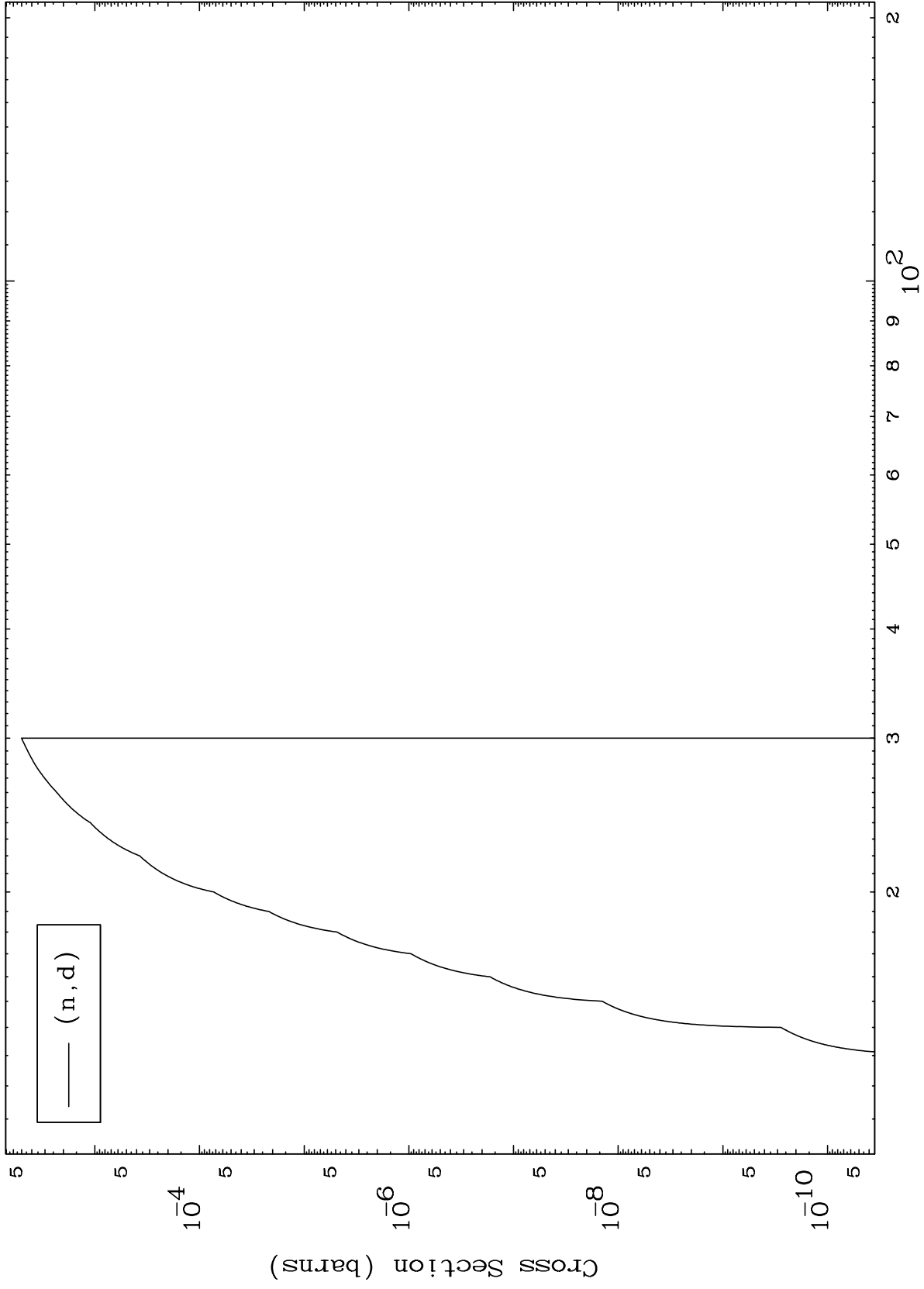
47-Ag-109m

6

MAT 4732

(α, d) Levels
0 Kelvin Cross Sections

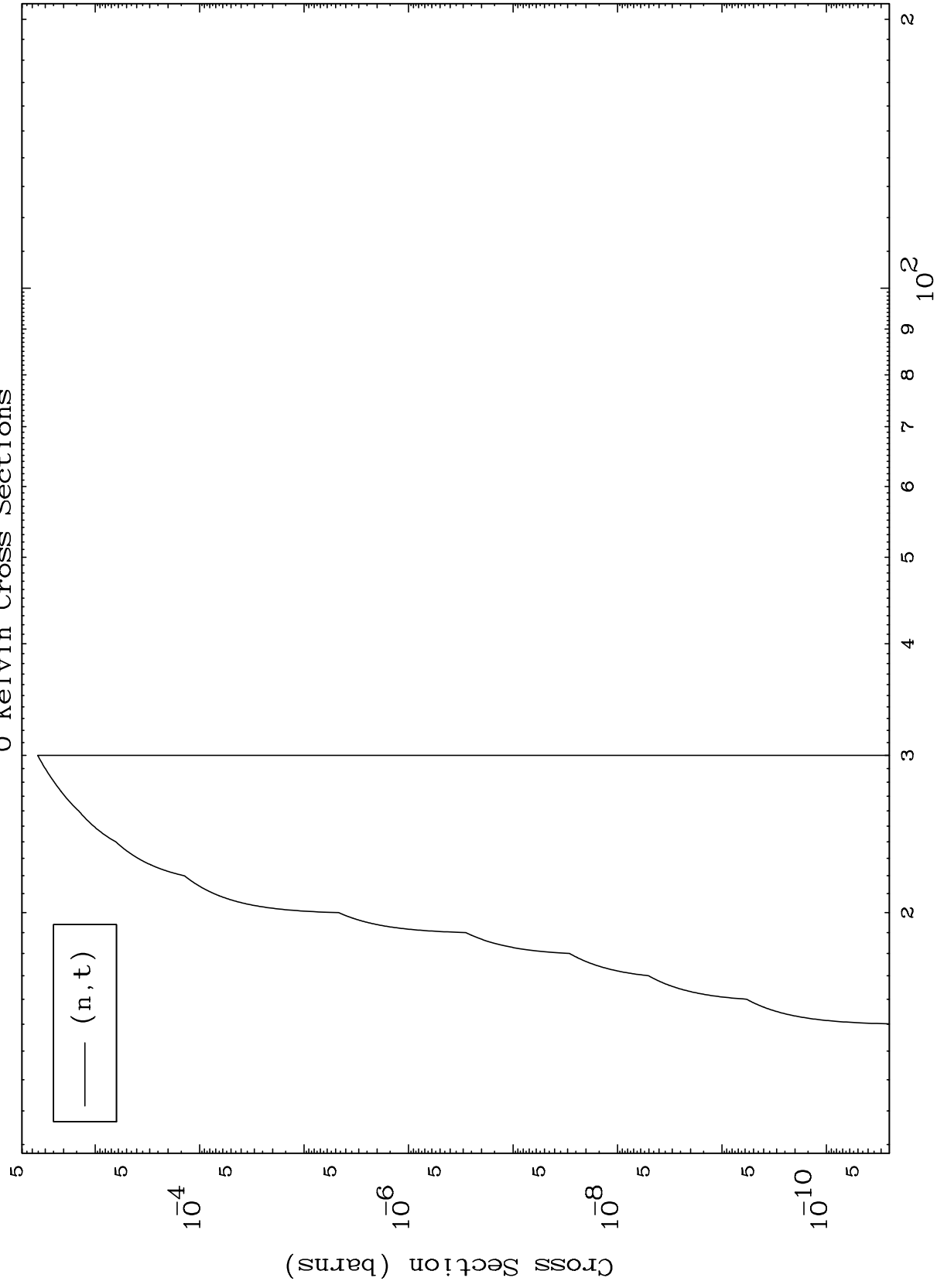
47-Ag-109m



MAT 4732

47-Ag-109m

(α, t) Levels
0 Kelvin Cross Sections



47-Ag-109m

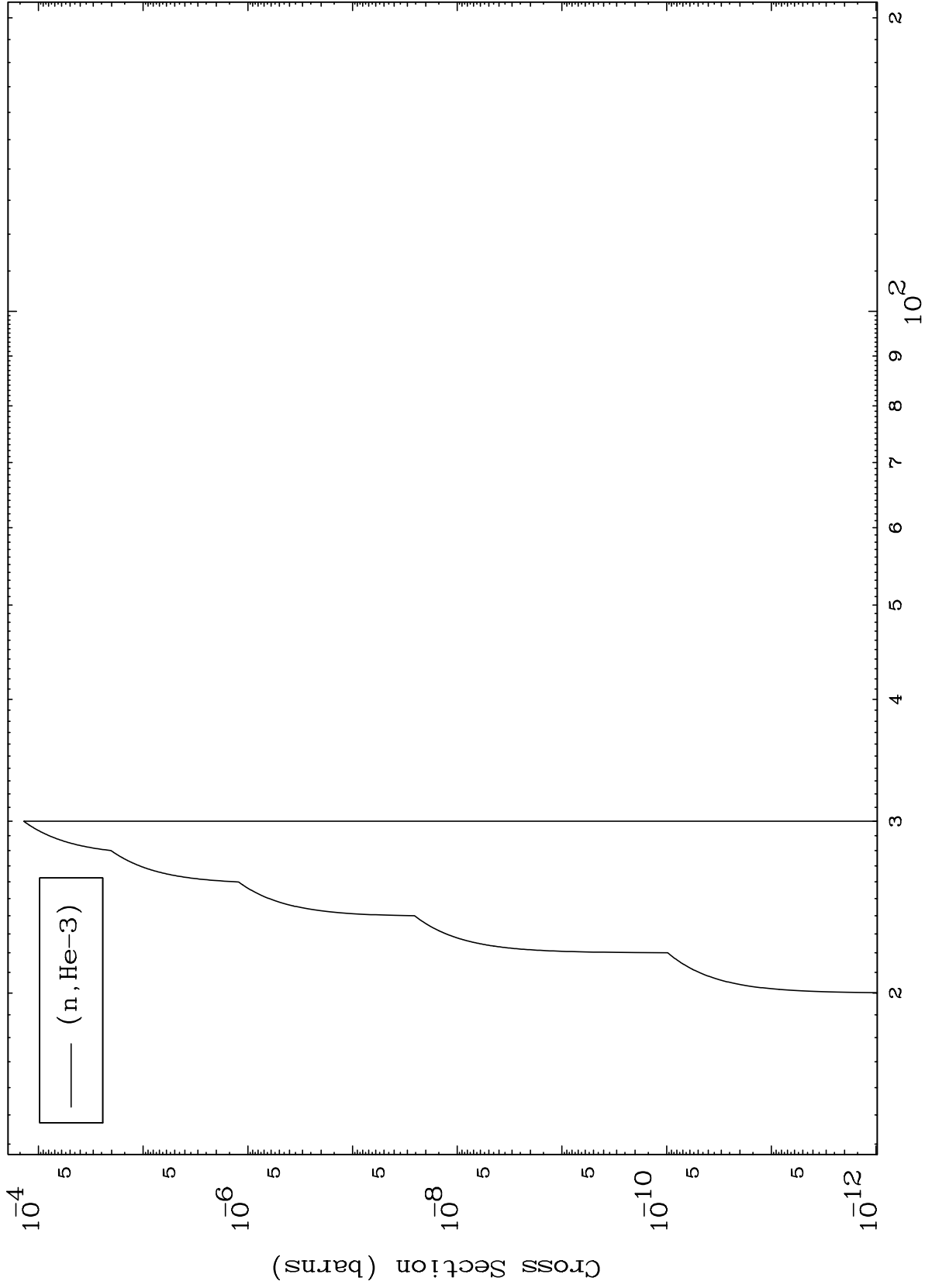
Incident Energy (MeV)

8

MAT 4732

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

47-Ag-109m



9

Incident Energy (MeV)

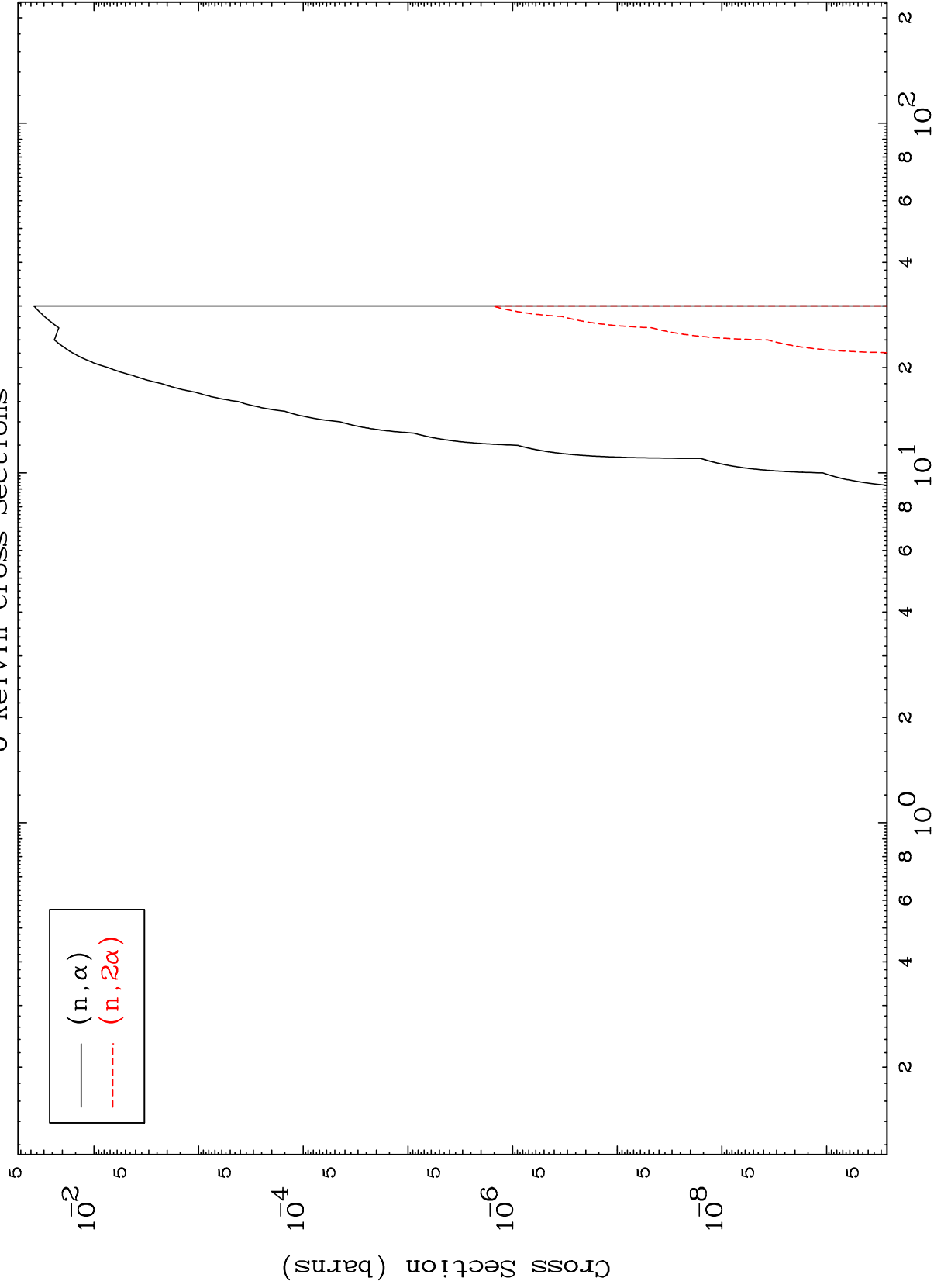
47-Ag-109m

MAT 4732

(α, α) Levels

47-Ag-109m

0 Kelvin Cross Sections



10

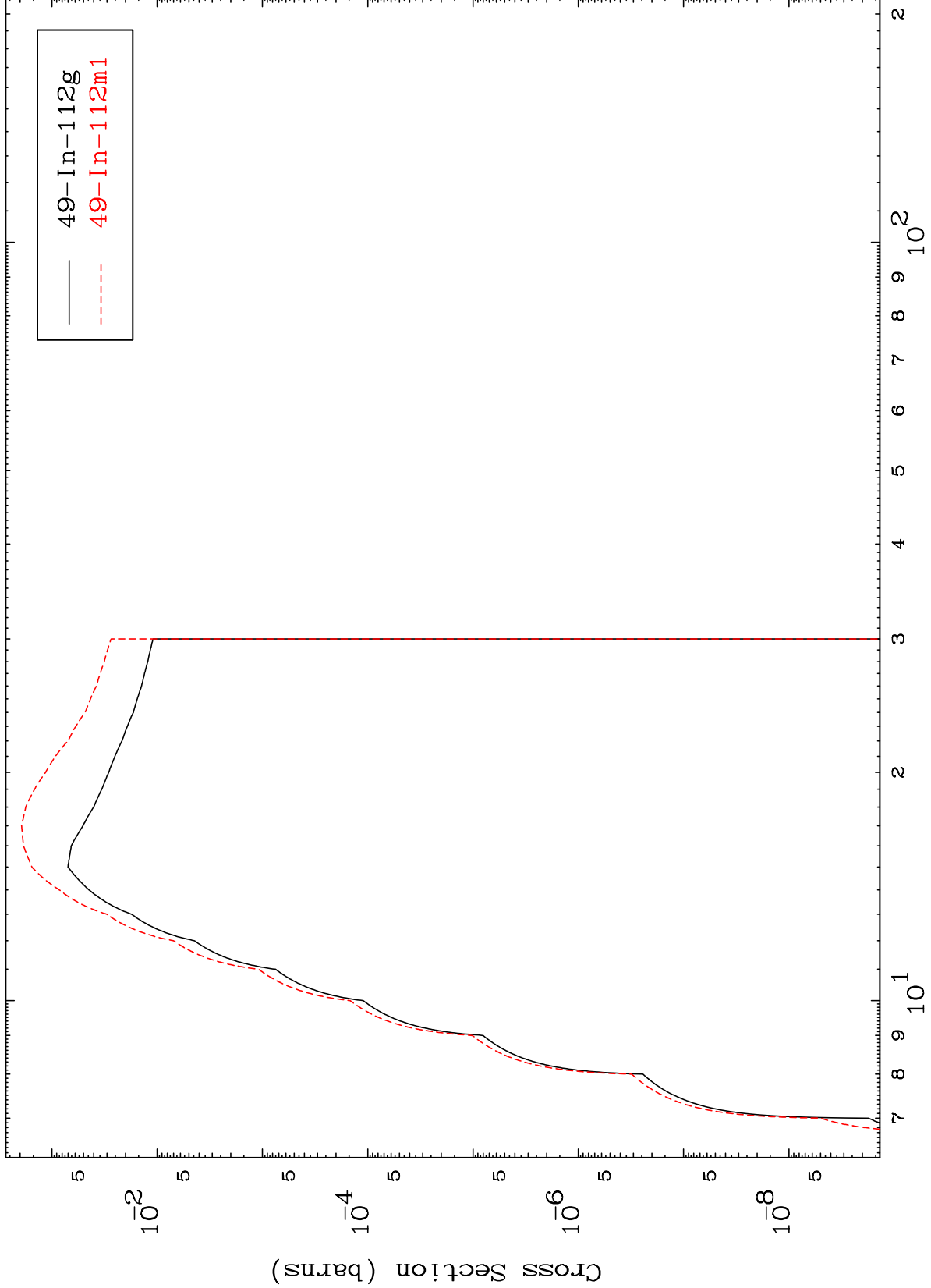
Incident Energy (MeV)

47-Ag-109m

MAT 4732

47-Ag-109m

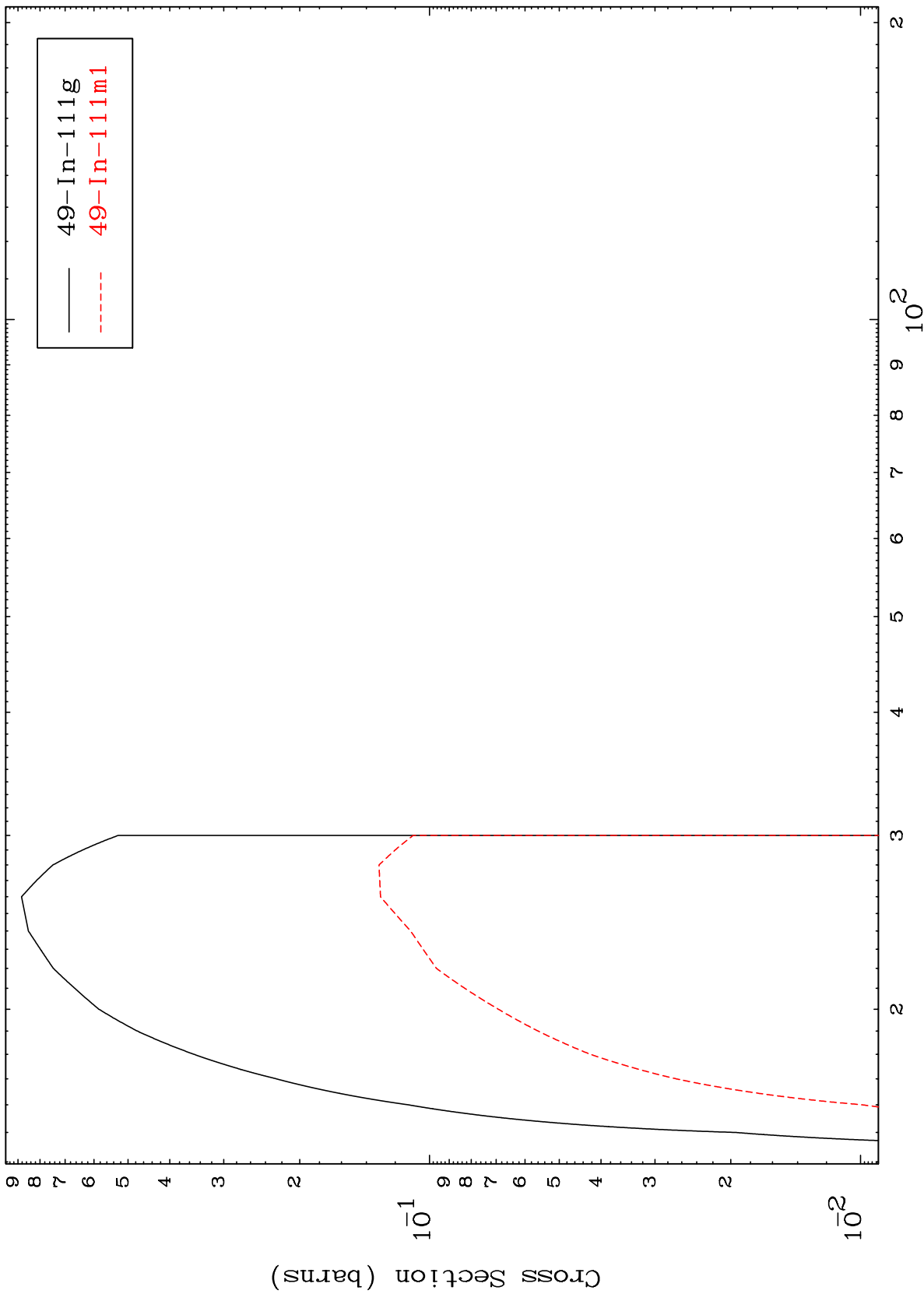
Inelastic
Radionuclide Production Cross Section



MAT 4732

47-Ag-109m

(n,2n)
Radionuclide Production Cross Section



12

47-Ag-109m

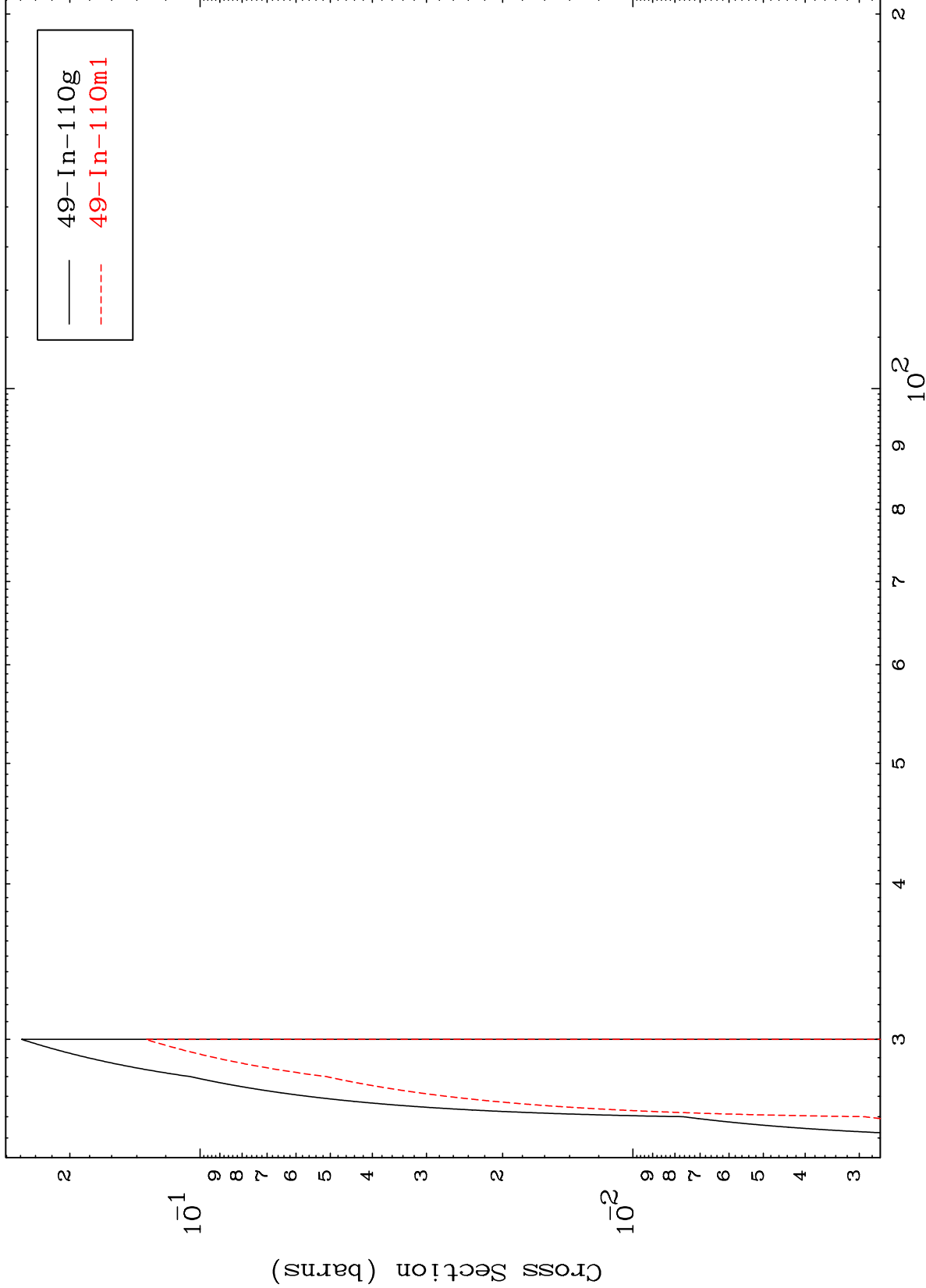
Incident Energy (MeV)

MAT 4732

(n,3n)

47-Ag-109m

Radionuclide Production Cross Section



49-In-110g
49-In-110m1

13

Incident Energy (MeV)

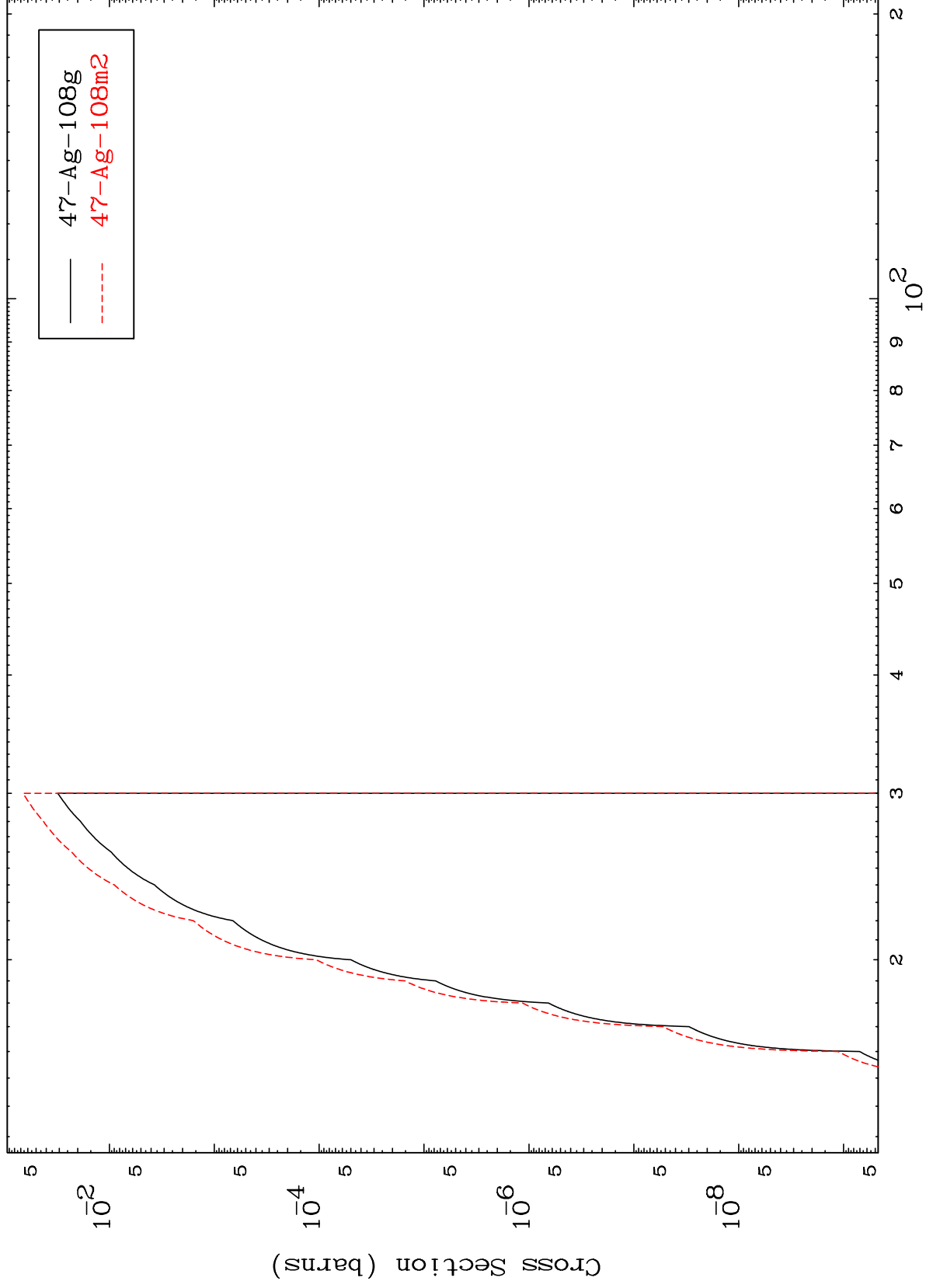
47-Ag-109m

MAT 4732

$(n, n') \alpha$

47-Ag-109m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

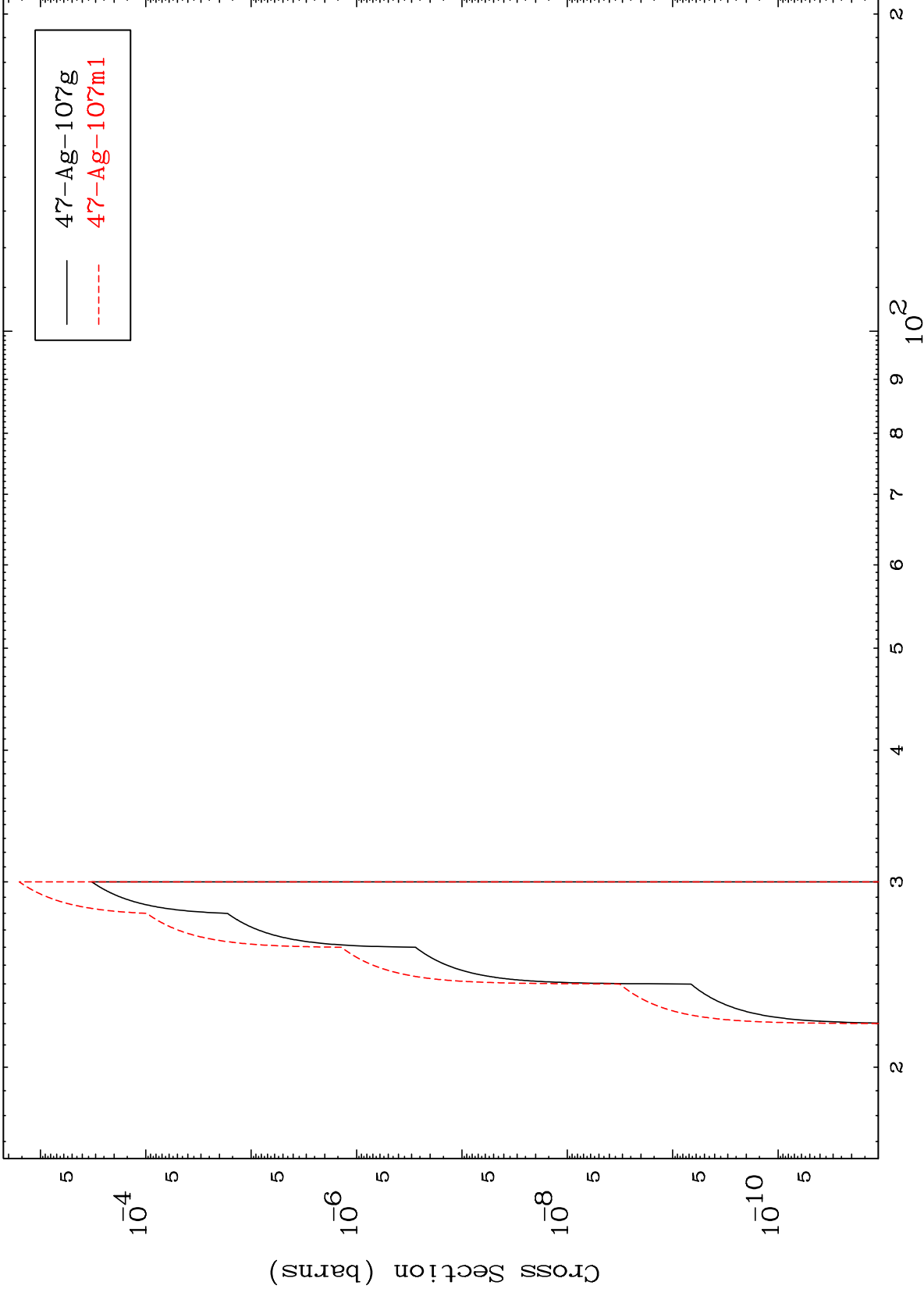
47-Ag-109m

MAT 4732

(n,2n) α

47-Ag-109m

Radionuclide Production Cross Section

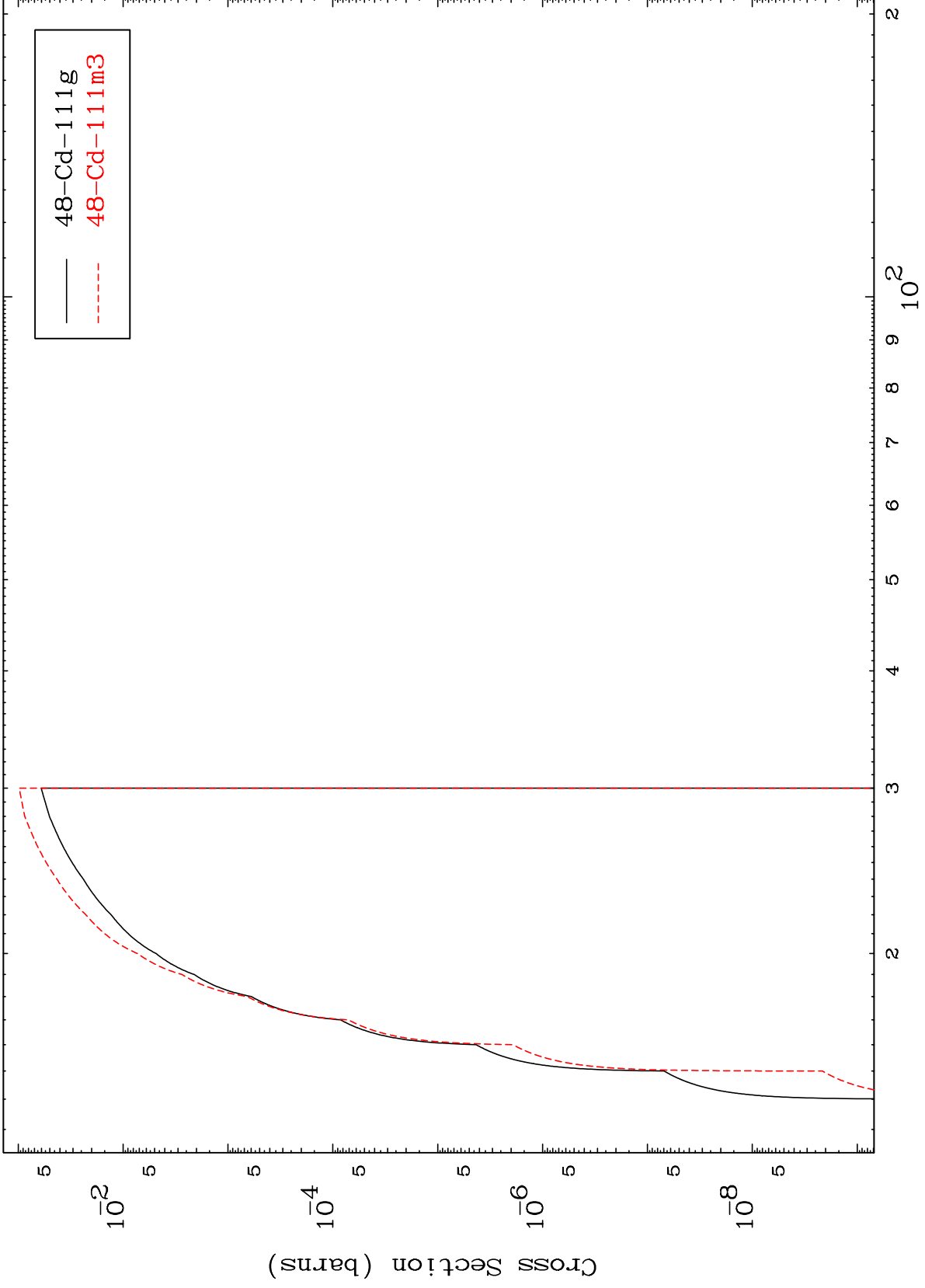


15

Incident Energy (MeV)

47-Ag-109m

Radionuclide Production Cross Section

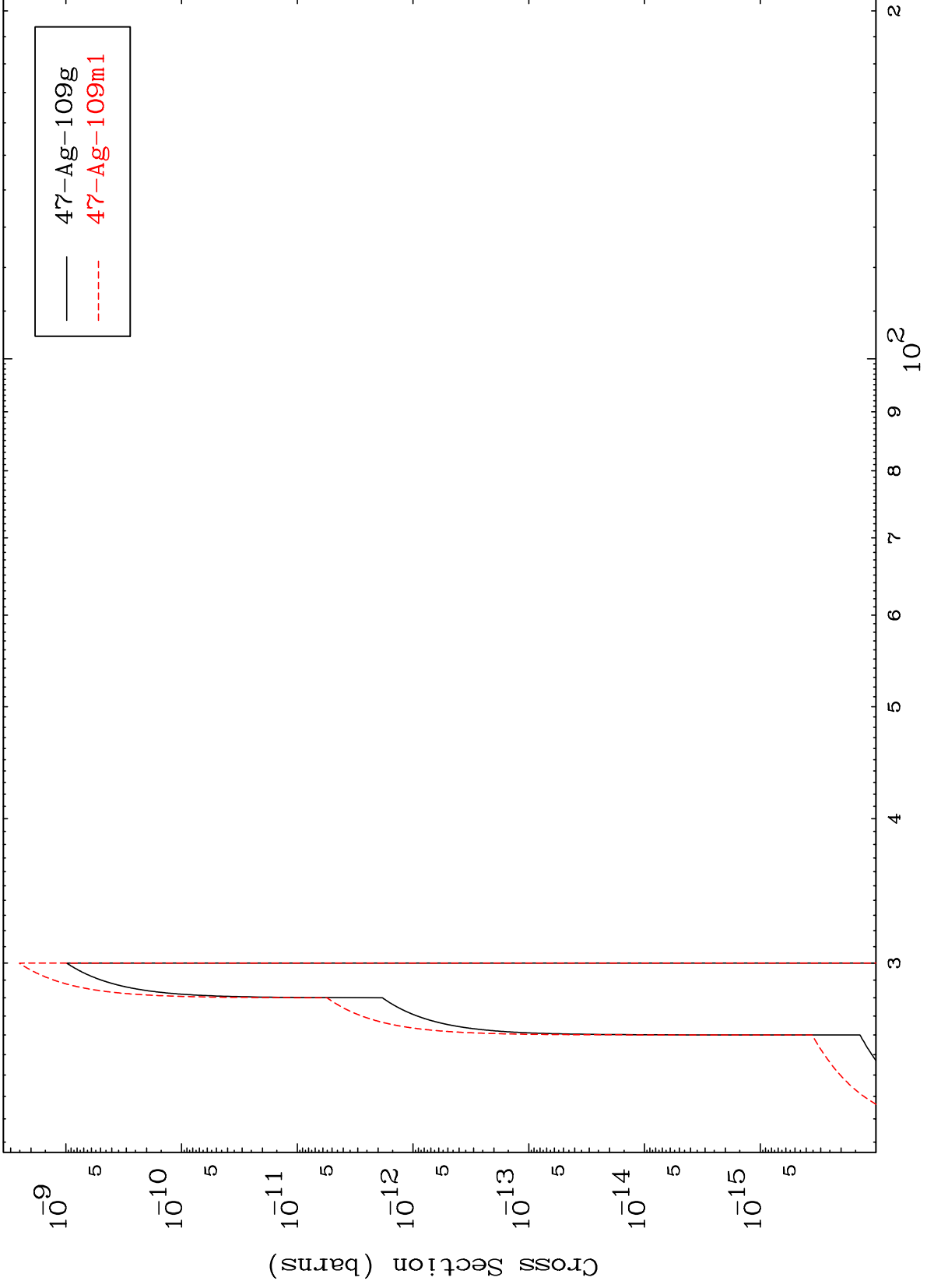


MAT 4732

(n,n') He-3

47-Ag-109m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

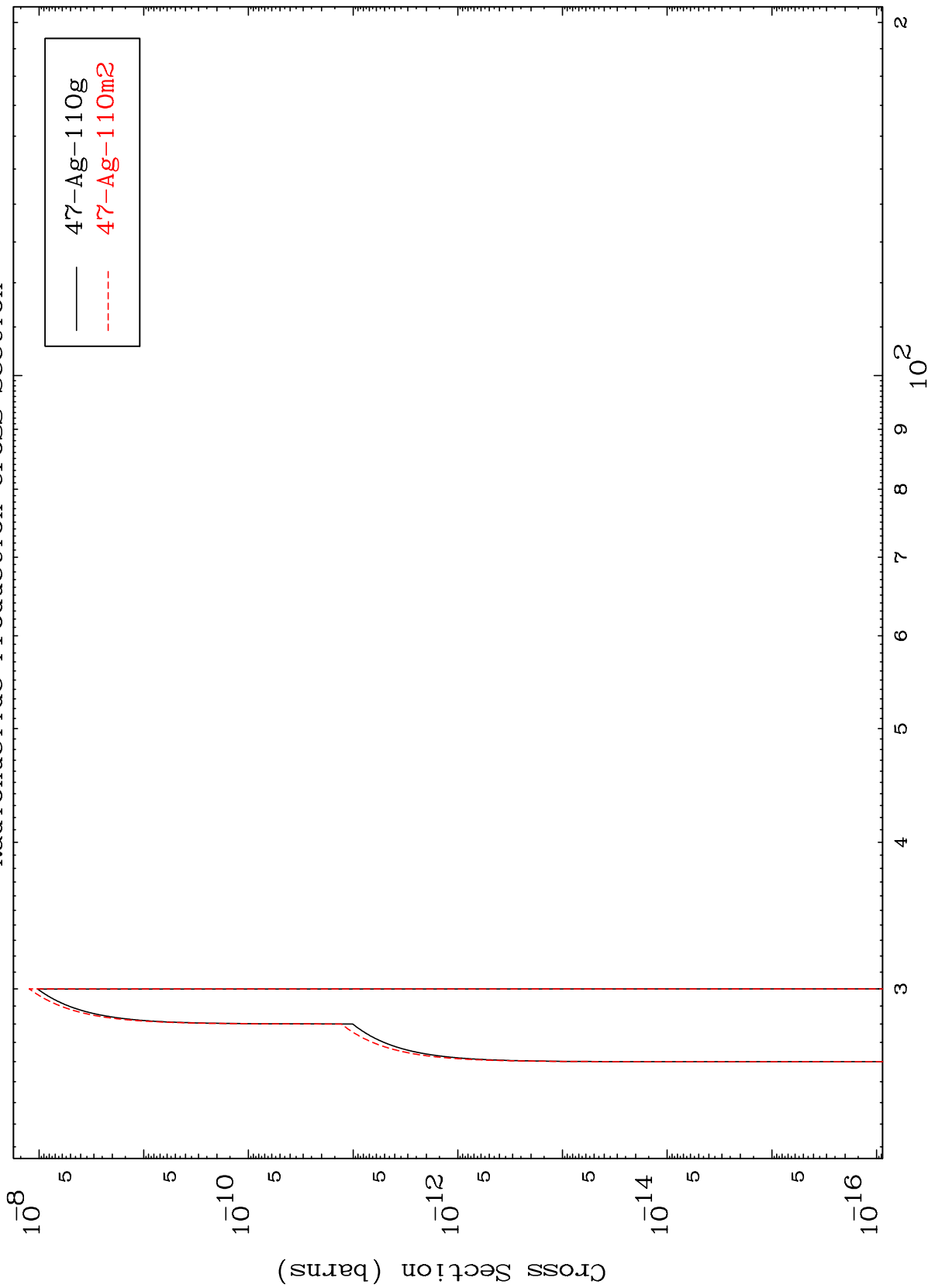
47-Ag-109m

MAT 4732

47-Ag-109m

(n,2n) p

Radionuclide Production Cross Section



18

Incident Energy (MeV)

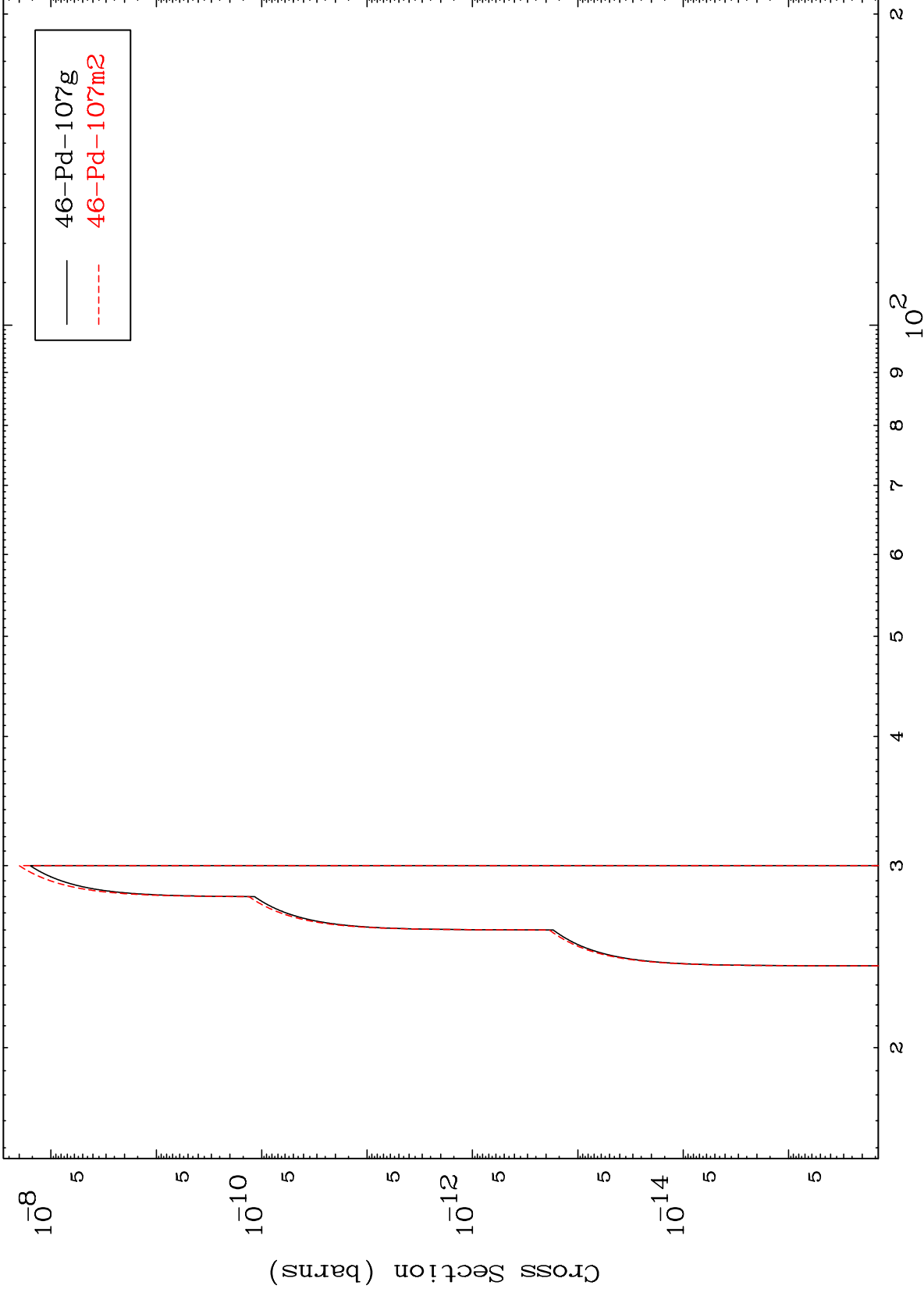
47-Ag-109m

MAT 4732

(n,n') p α

47-Ag-109m

Radionuclide Production Cross Section



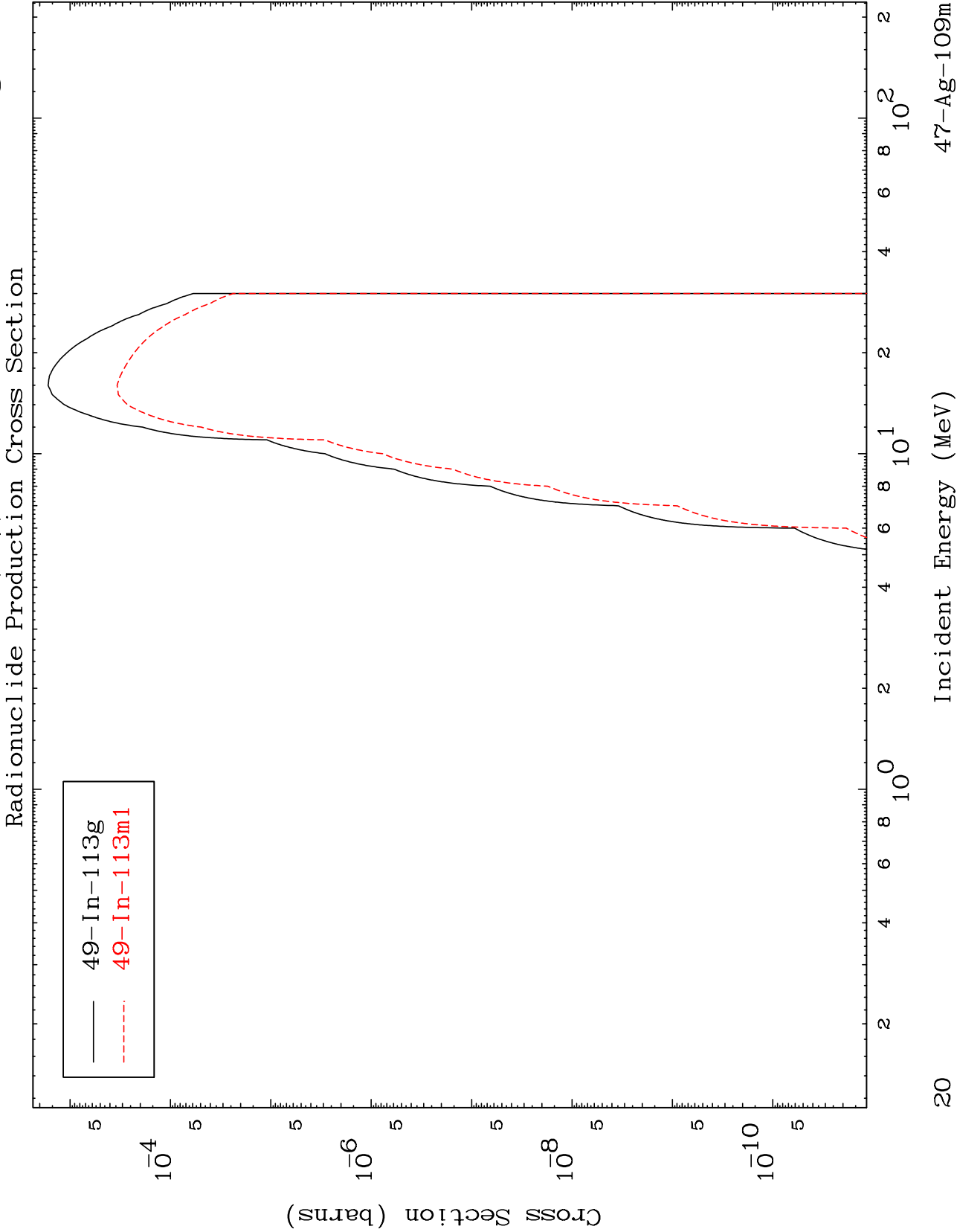
19

Incident Energy (MeV)

47-Ag-109m

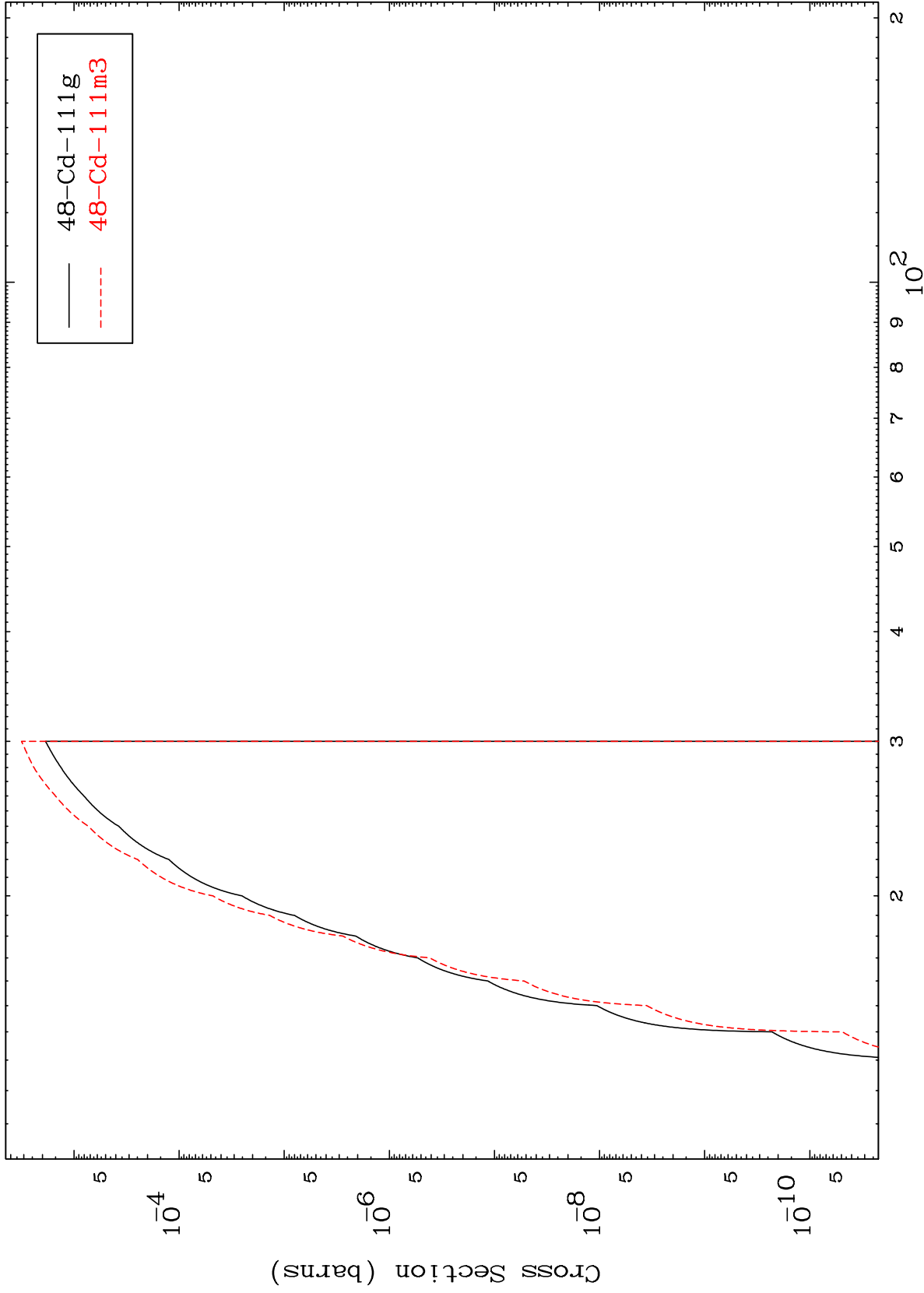
MAT 4732

47-Ag-109m



— 49-In-113g
- - - 49-In-113m1

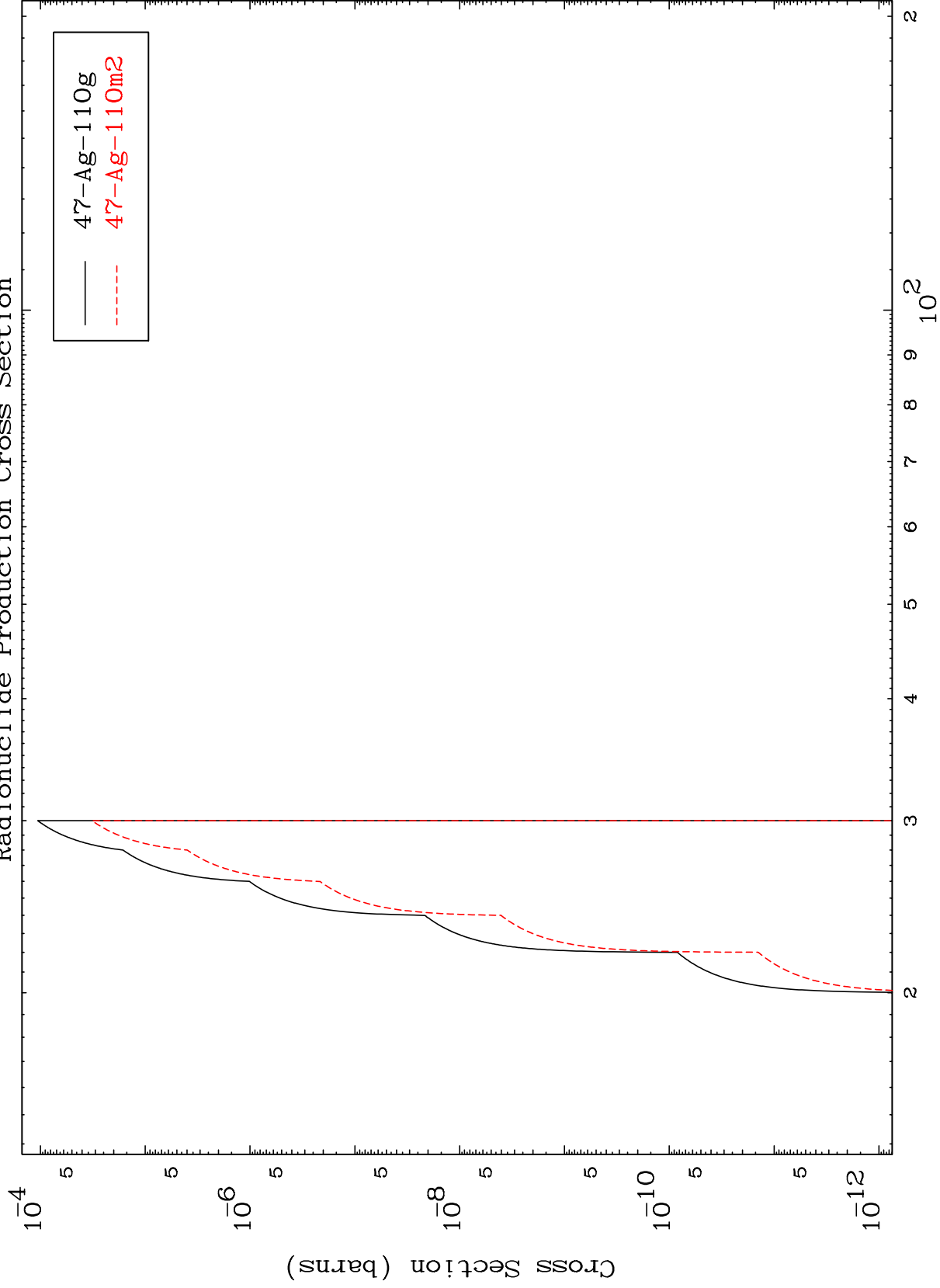
(n,d)
Radionuclide Production Cross Section



MAT 4732

47-Ag-109m

(n,He-3)
Radionuclide Production Cross Section



22

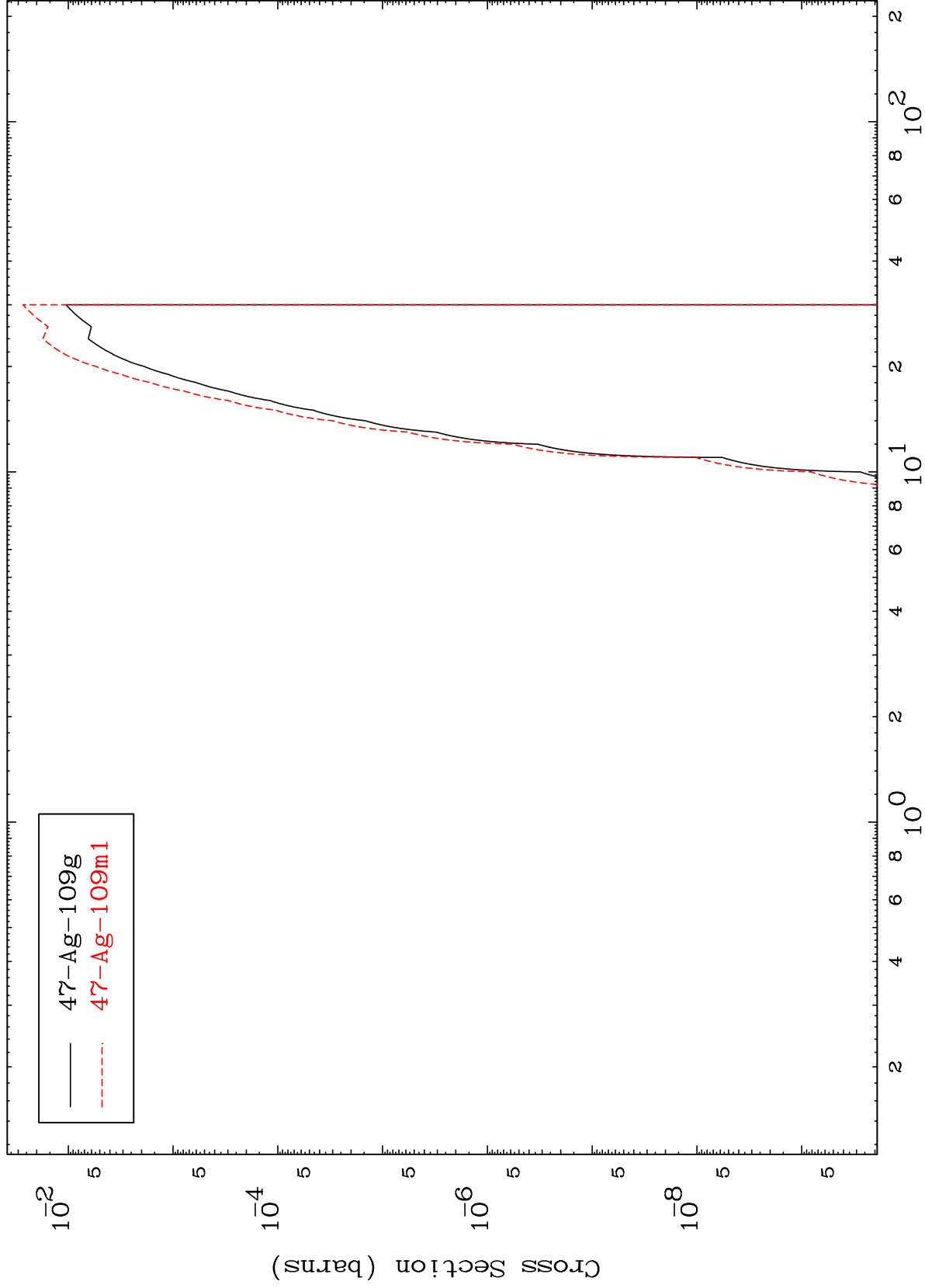
47-Ag-109m

Incident Energy (MeV)

MAT 4732

47-Ag-109m

Radionuclide Production Cross Section
(n, α)

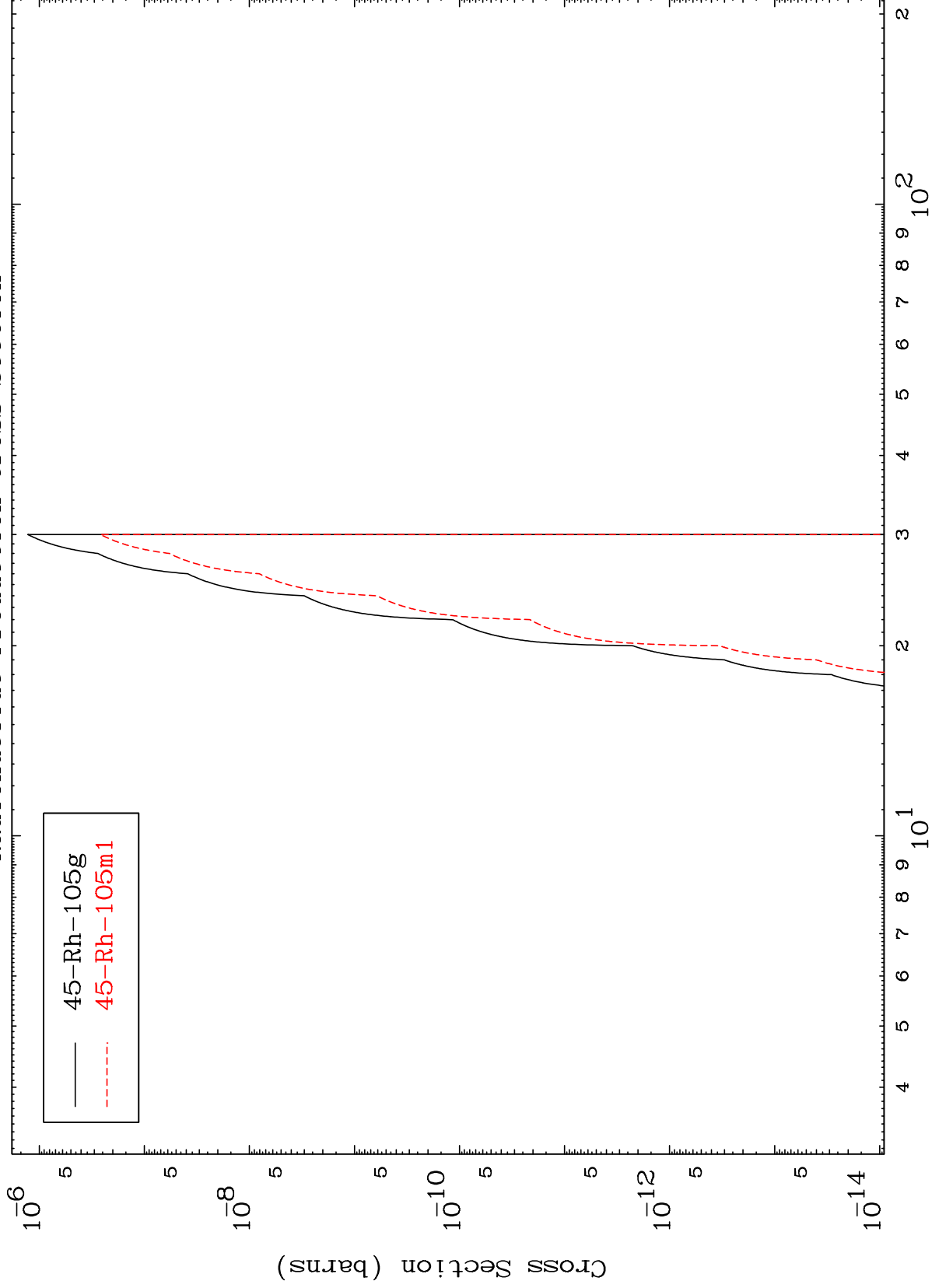


MAT 4732

(n,2α)

47-Ag-109m

Radionuclide Production Cross Section

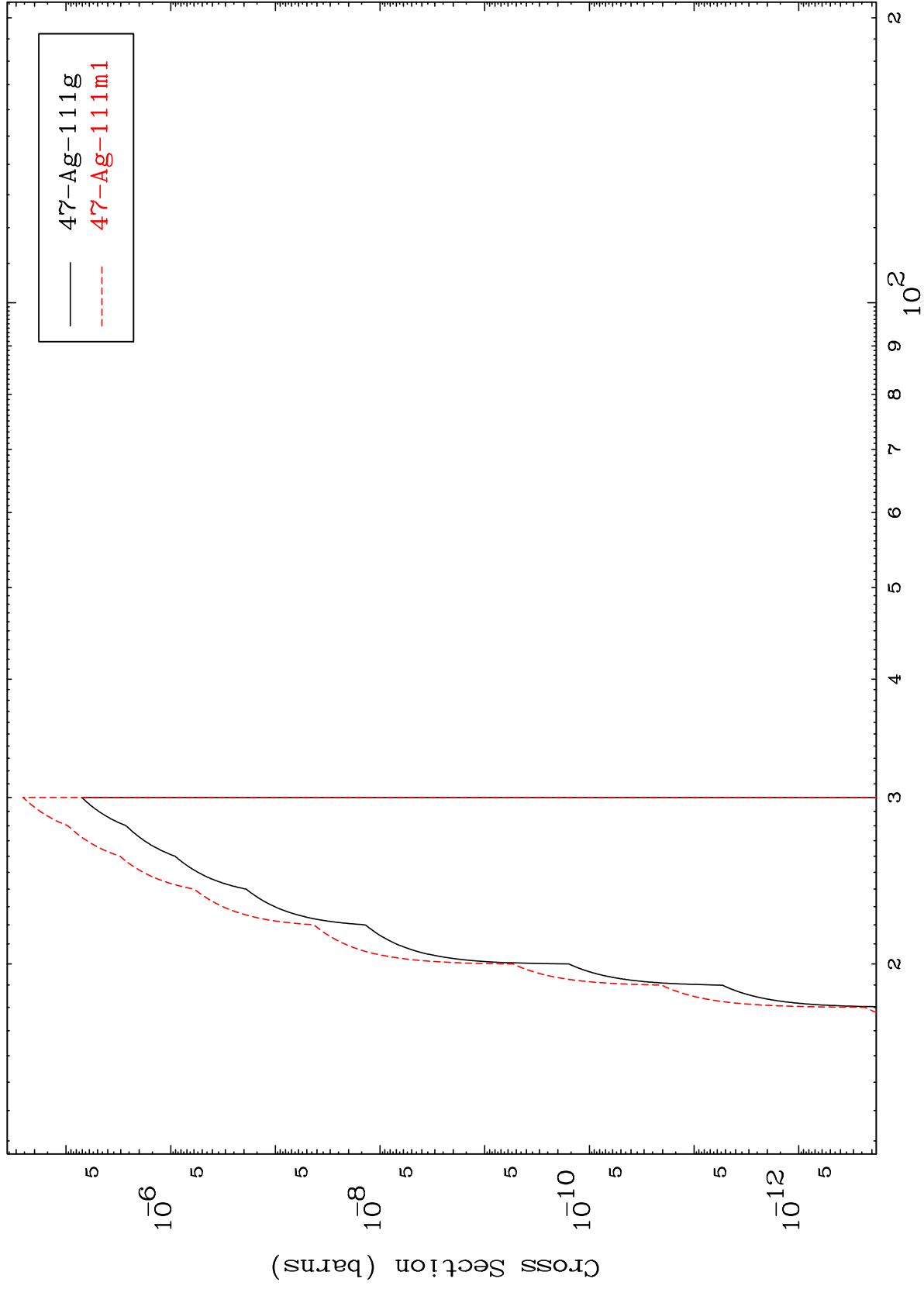


— 45-Rh-105g
- - - 45-Rh-105m1

MAT 4732

47-Ag-109m

(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

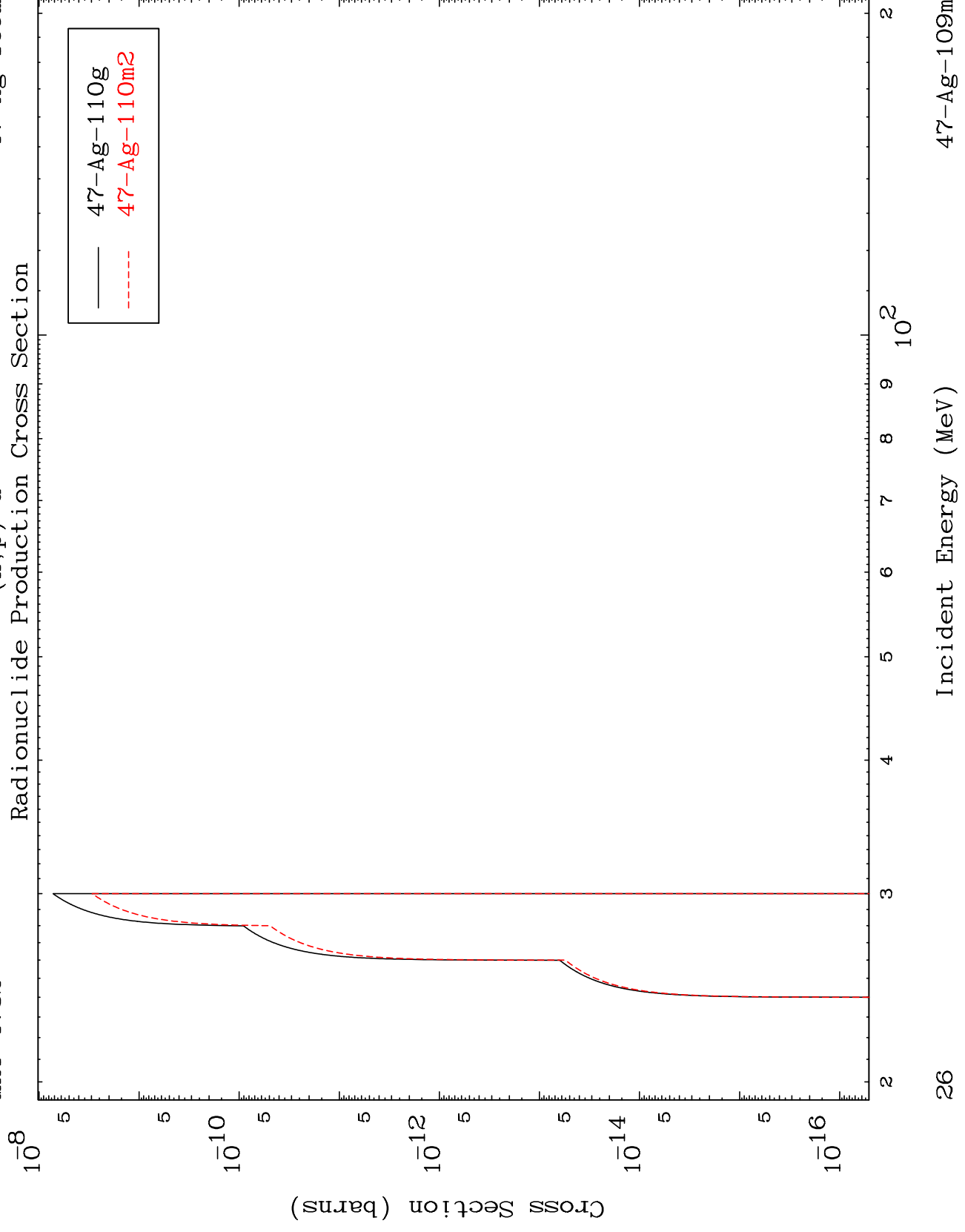
47-Ag-109m

MAT 4732

(n,p) d

47-Ag-109m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

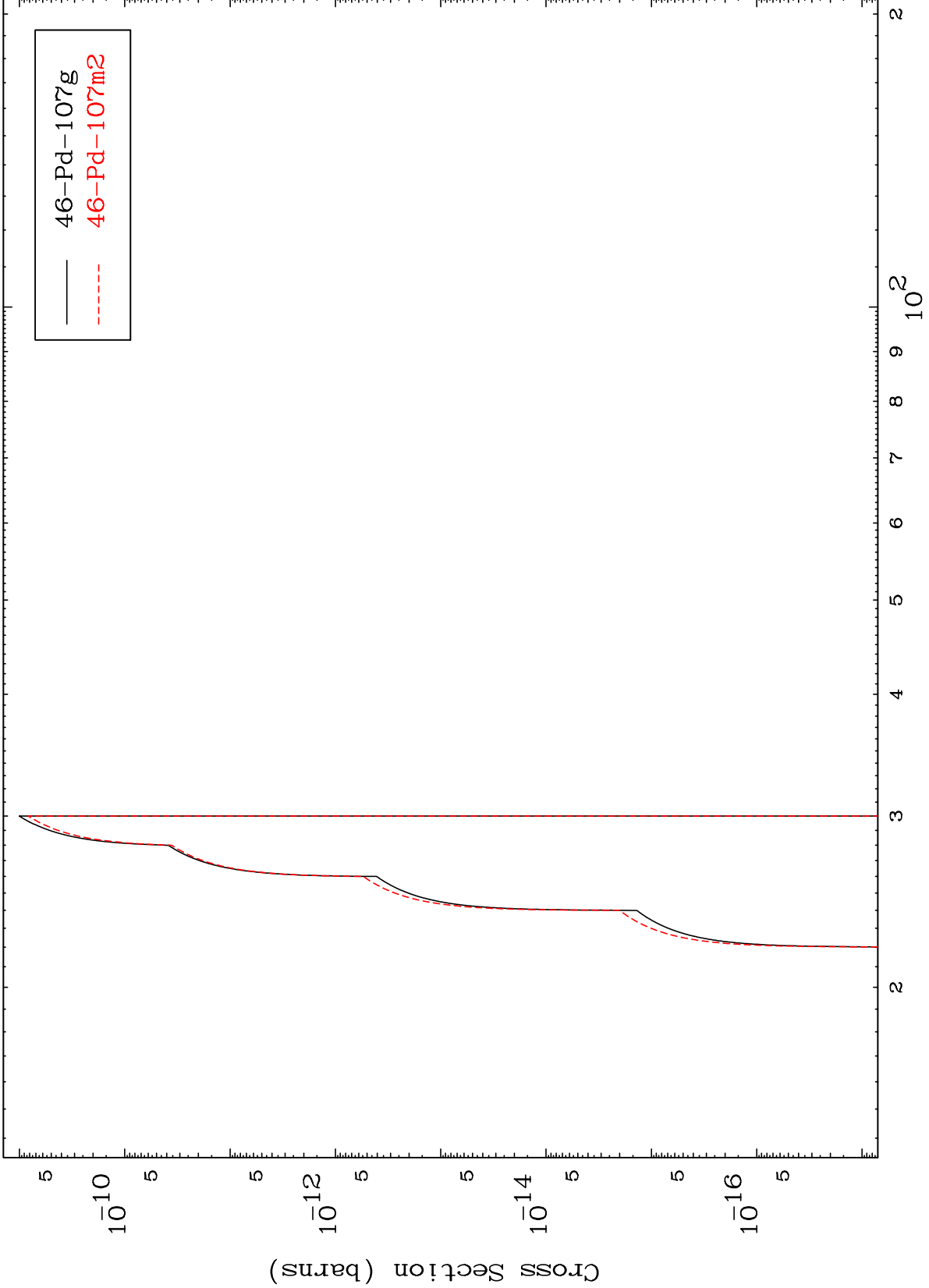
47-Ag-109m

MAT 4732

(n,d) α

47-Ag-109m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

47-Ag-109m