

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

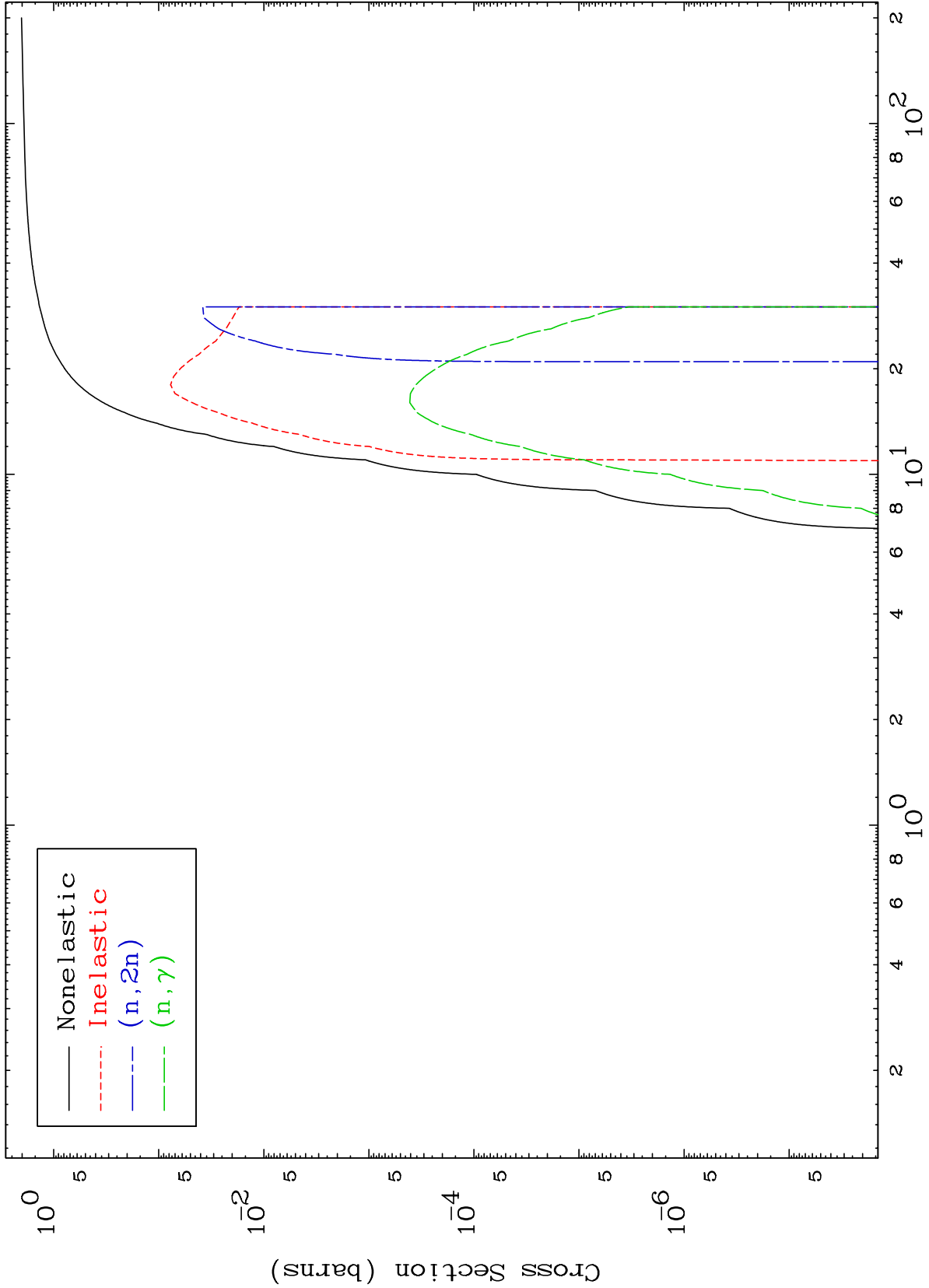
Press Mouse Button to Start

MAT 4708

α Major

47-Ag-101m

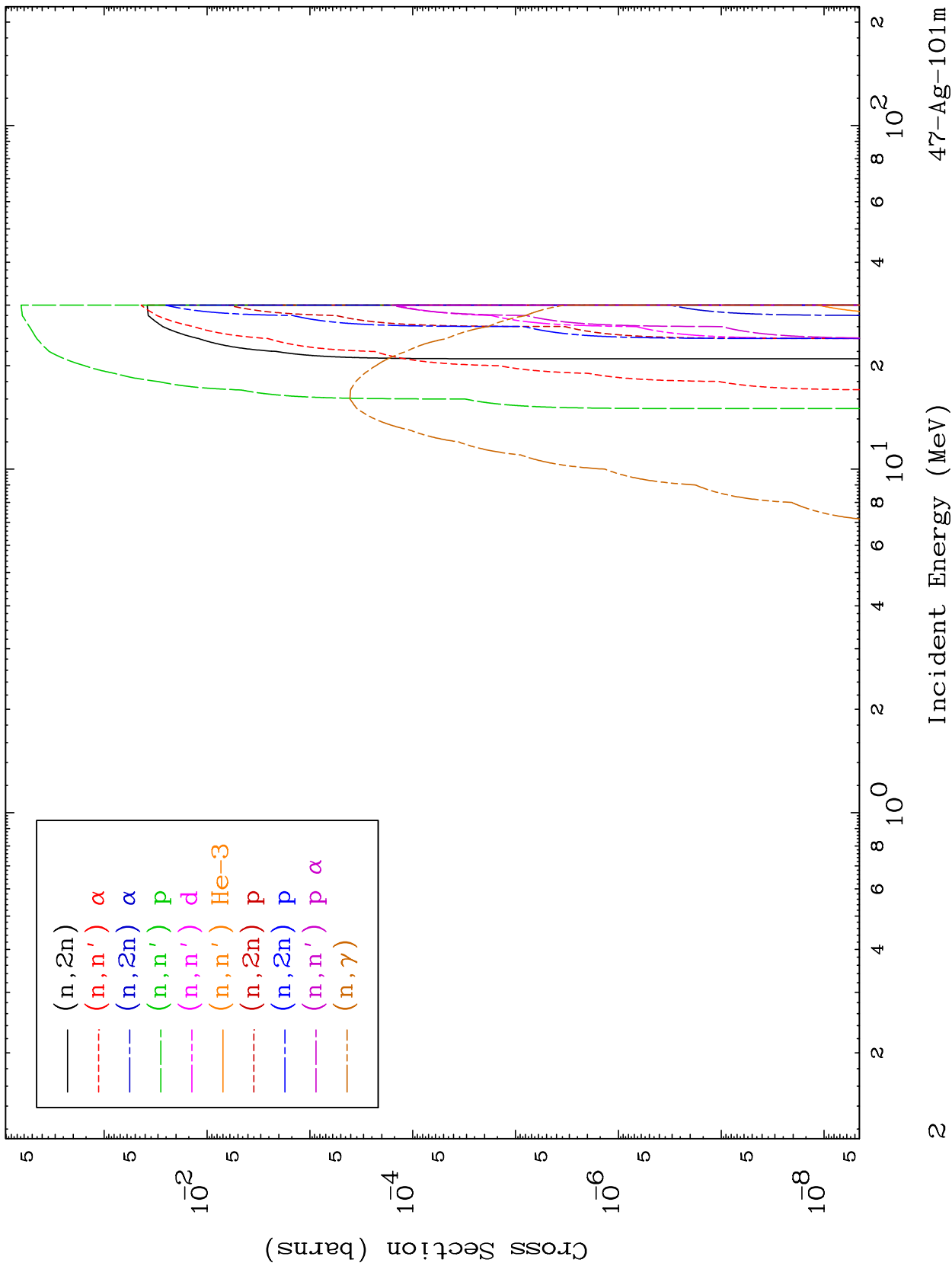
0 Kelvin Cross Sections



MAT 4708

α Neutron Absorption
0 Kelvin Cross Sections

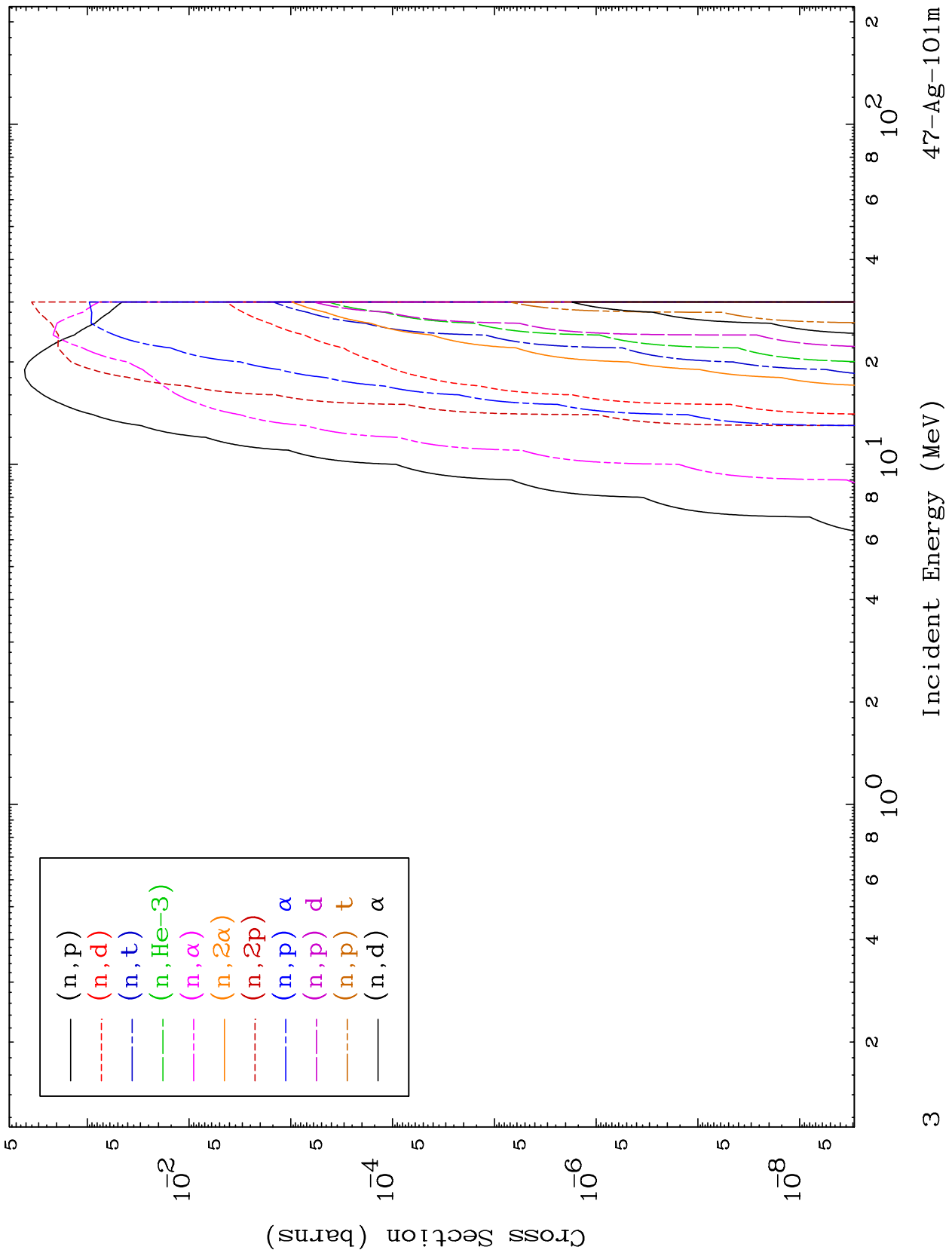
47-Ag-101m



MAT 4708

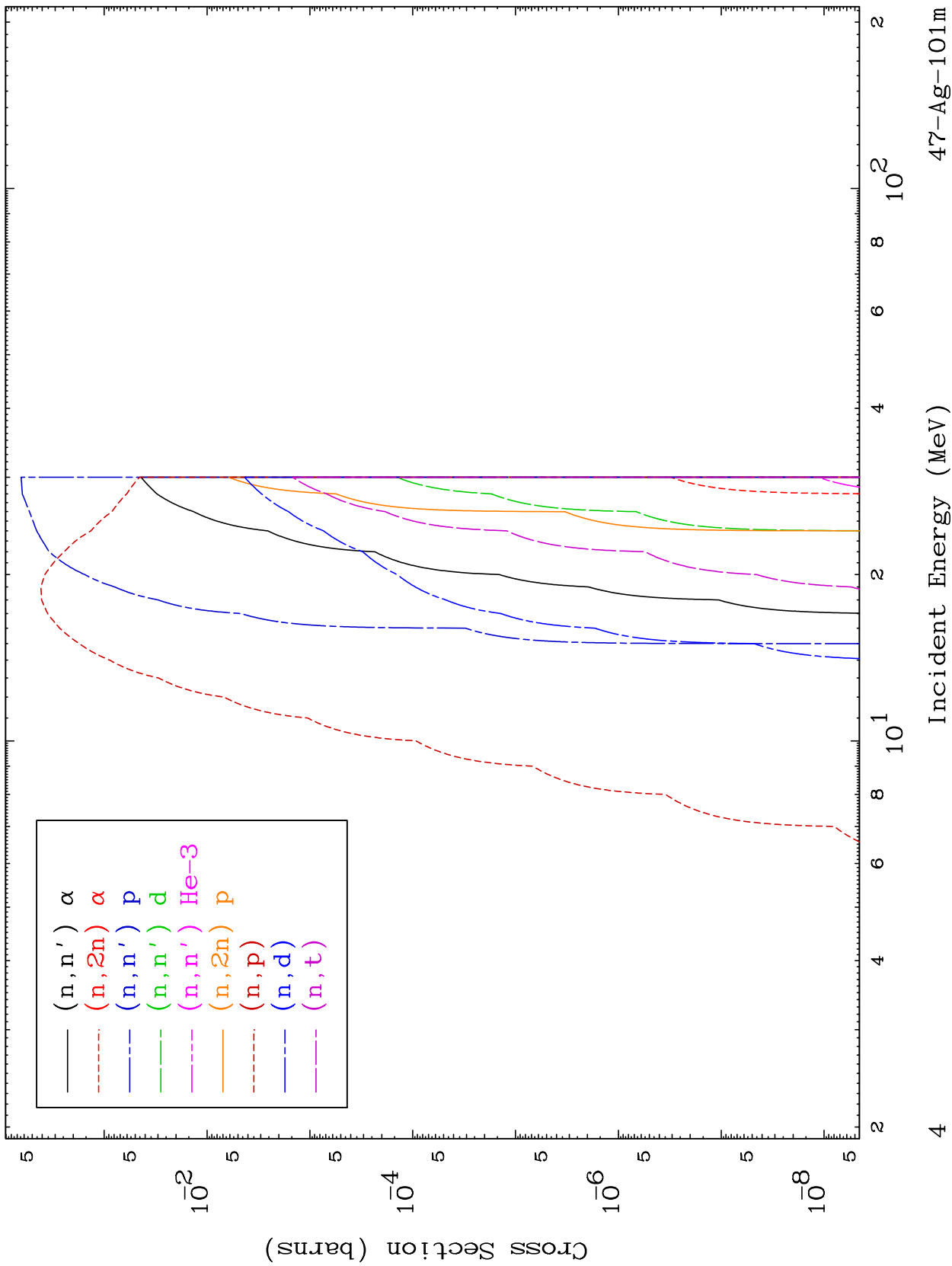
α Neutron Absorption
0 Kelvin Cross Sections

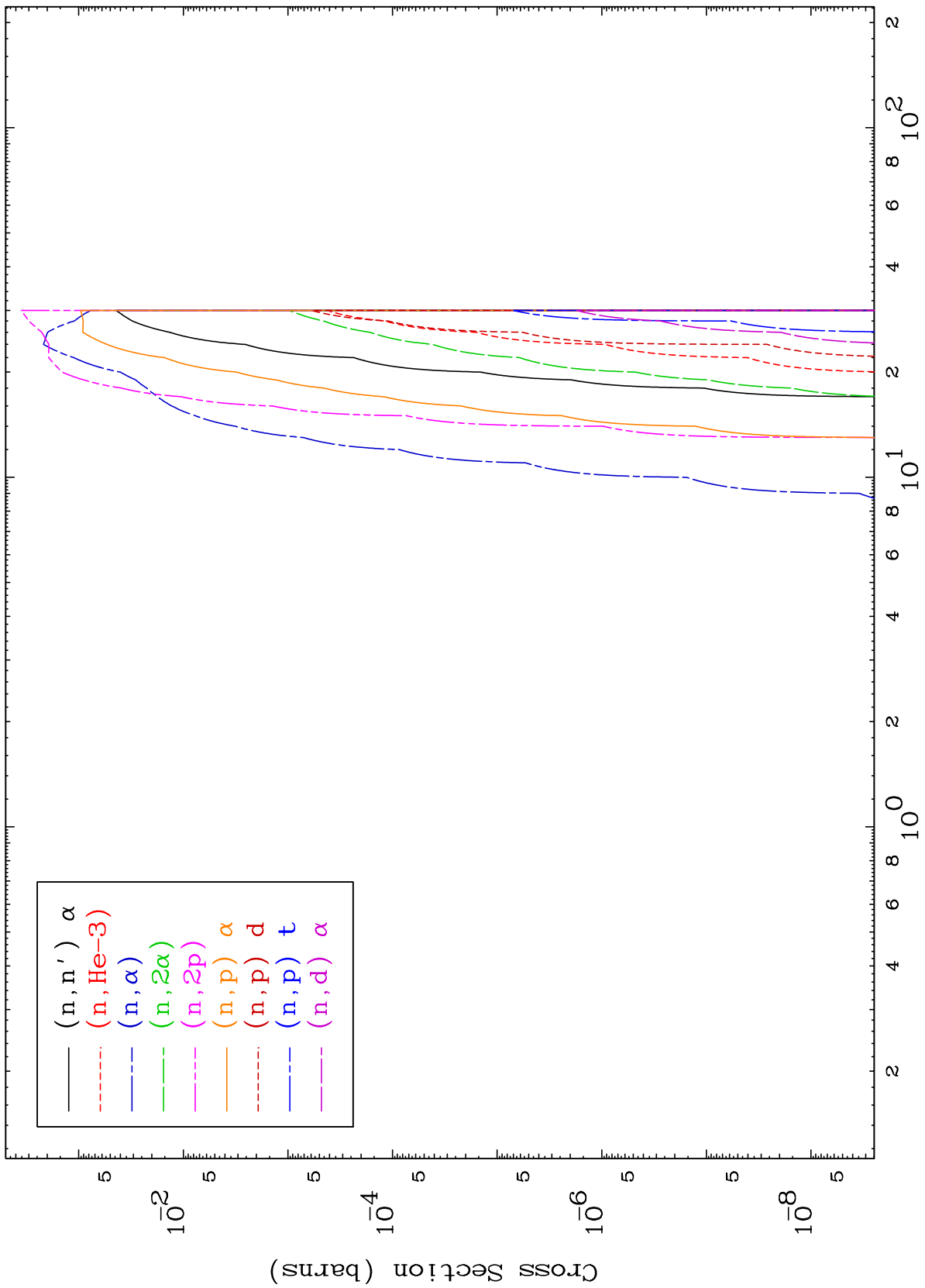
47-Ag-101m



47-Ag-101m

Incident Energy (MeV)



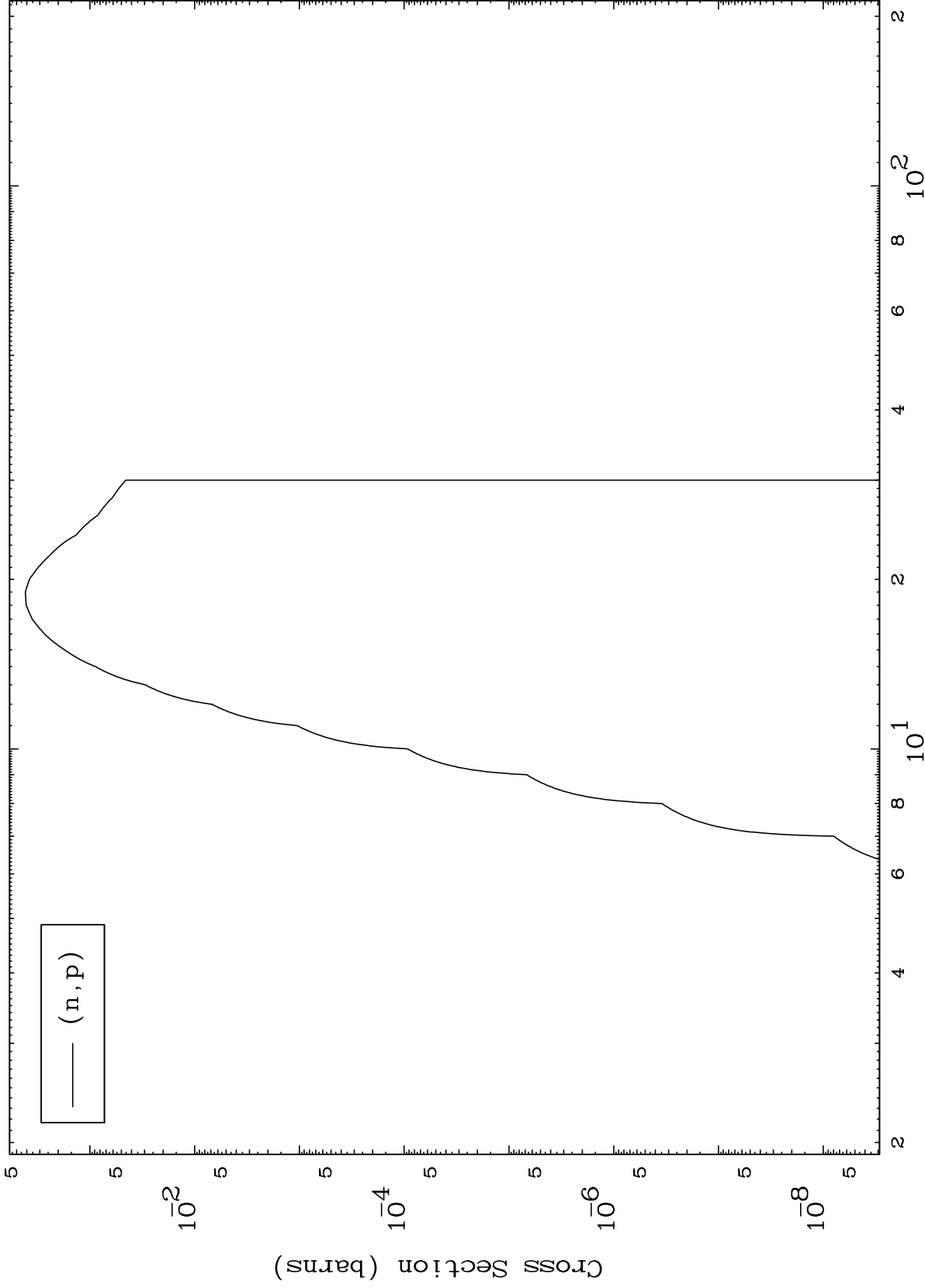


MAT 4708

(α, p) Levels

47-Ag-101m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

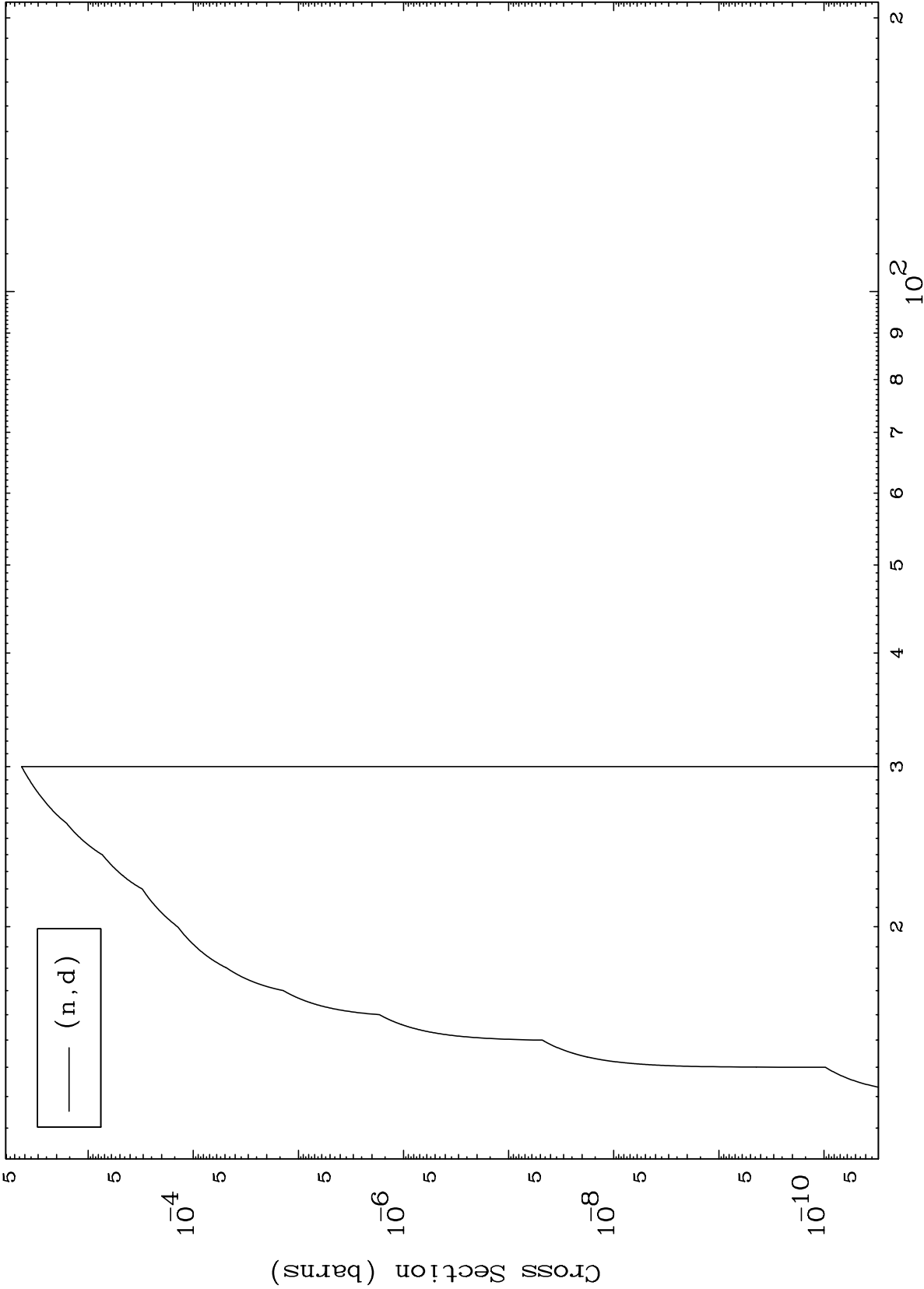
47-Ag-101m

MAT 4708

(α, d) Levels

47-Ag-101m

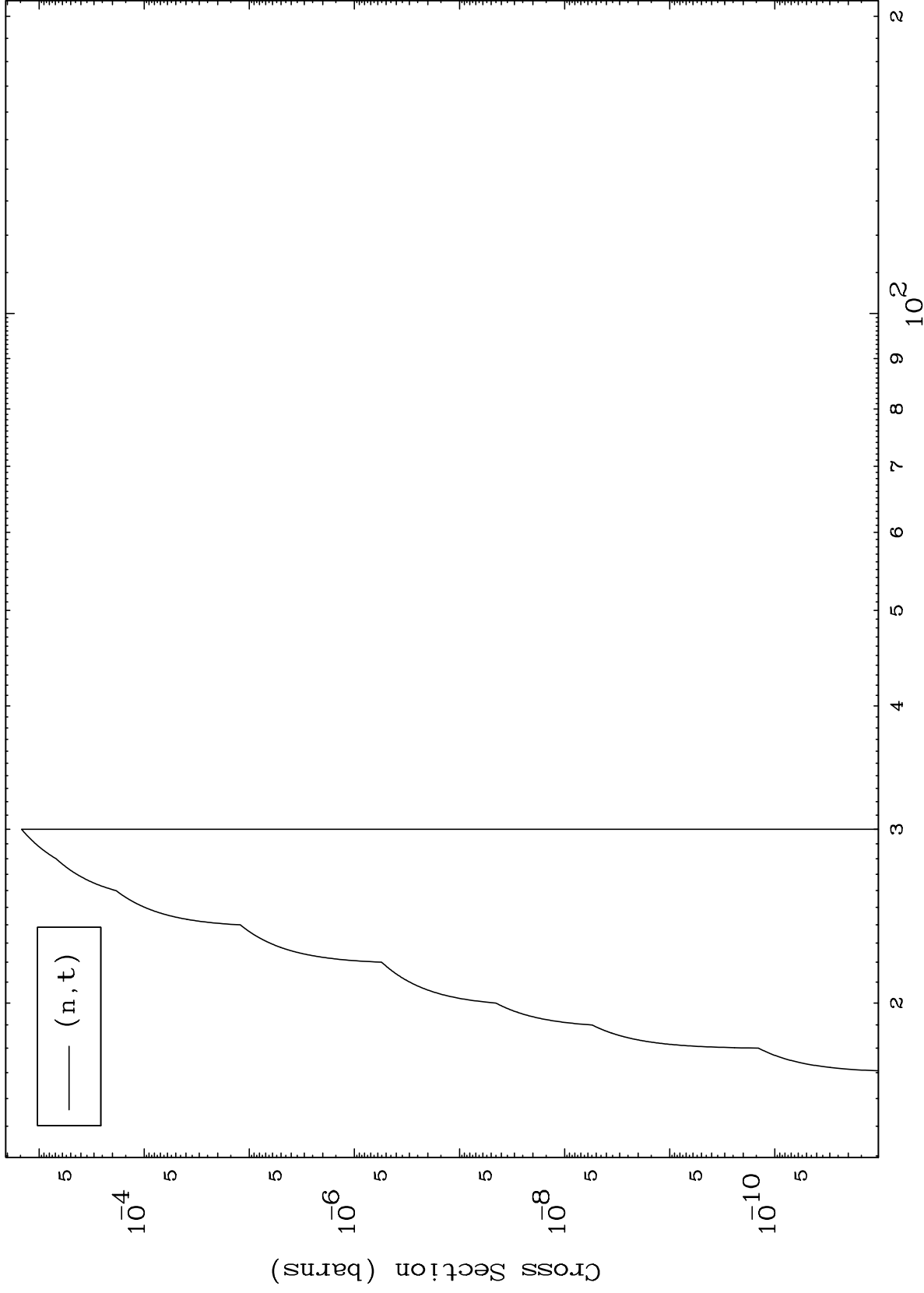
0 Kelvin Cross Sections



MAT 4708

(α, t) Levels
0 Kelvin Cross Sections

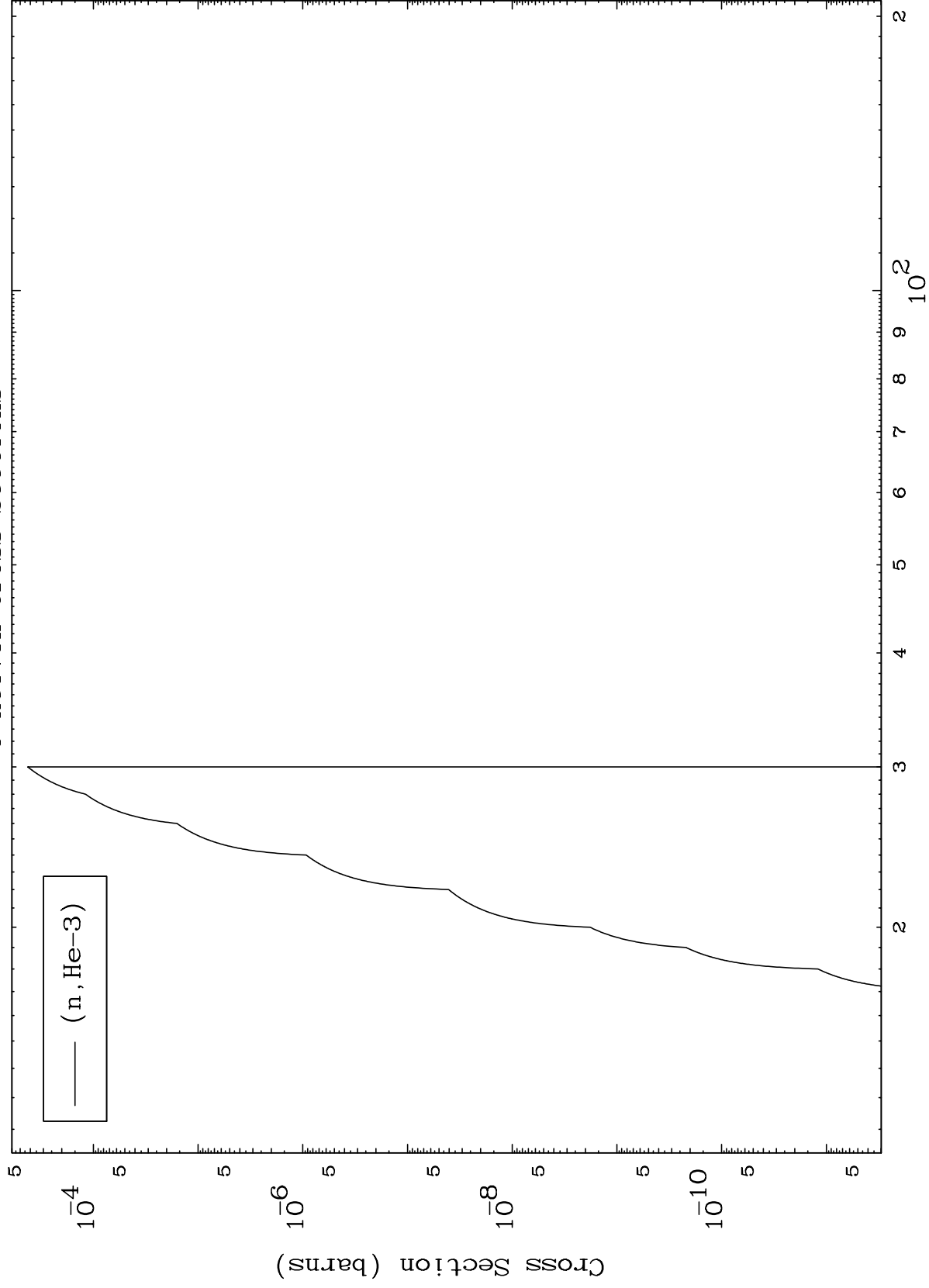
47-Ag-101m



8

Incident Energy (MeV)

47-Ag-101m

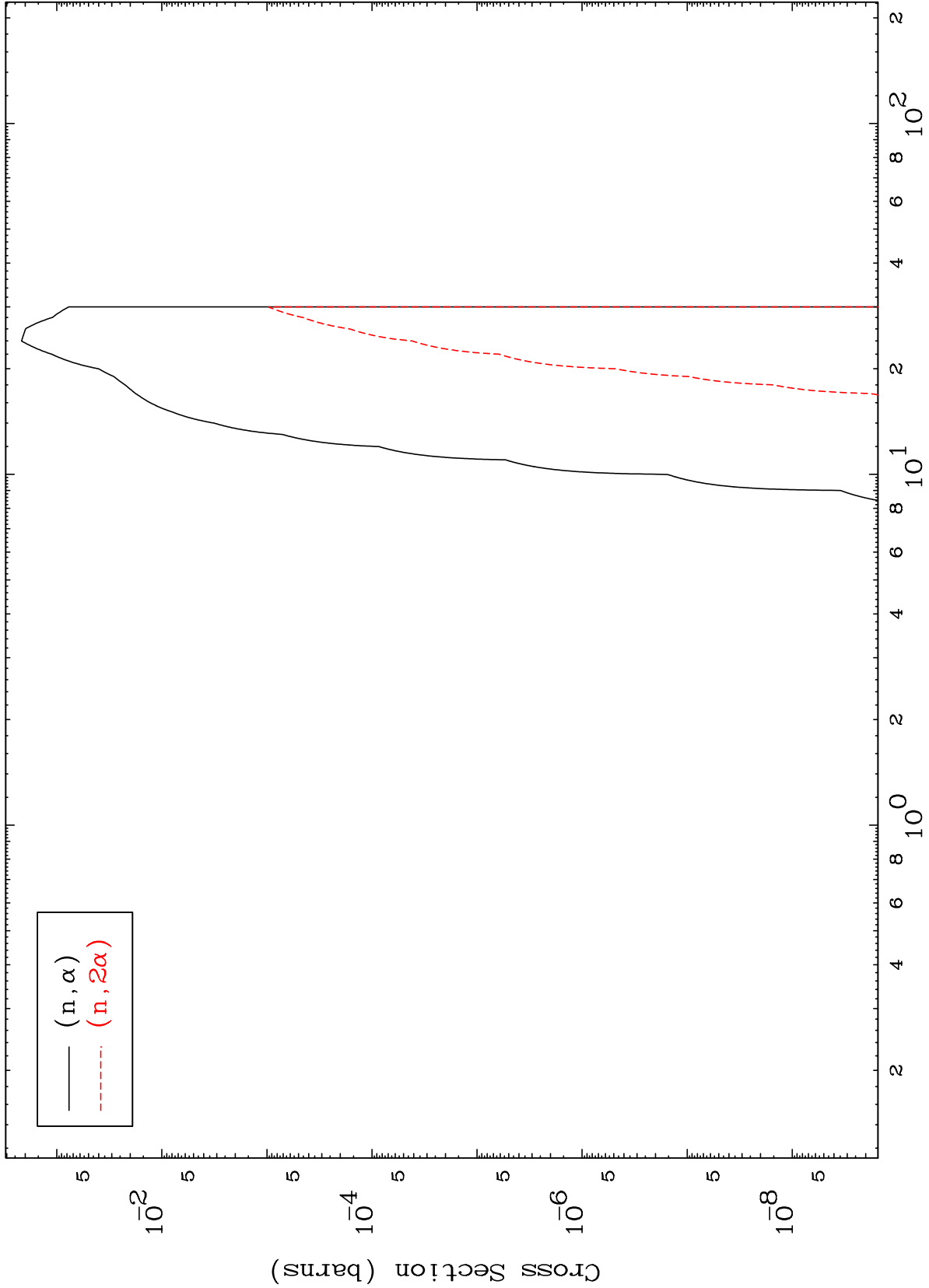


MAT 4708

(α, α) Levels

47-Ag-101m

0 Kelvin Cross Sections



10

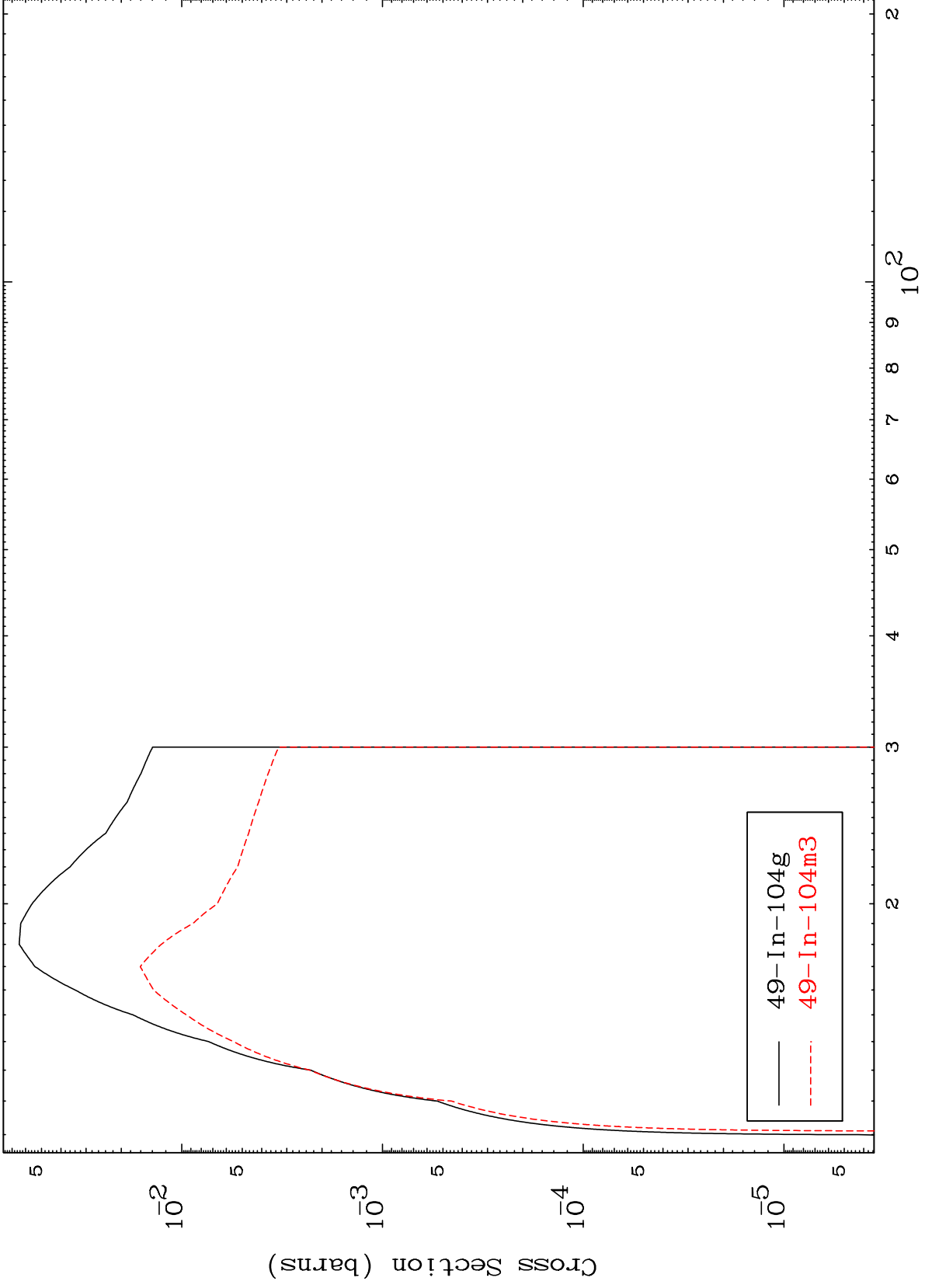
Incident Energy (MeV)

47-Ag-101m

MAT 4708

47-Ag-101m

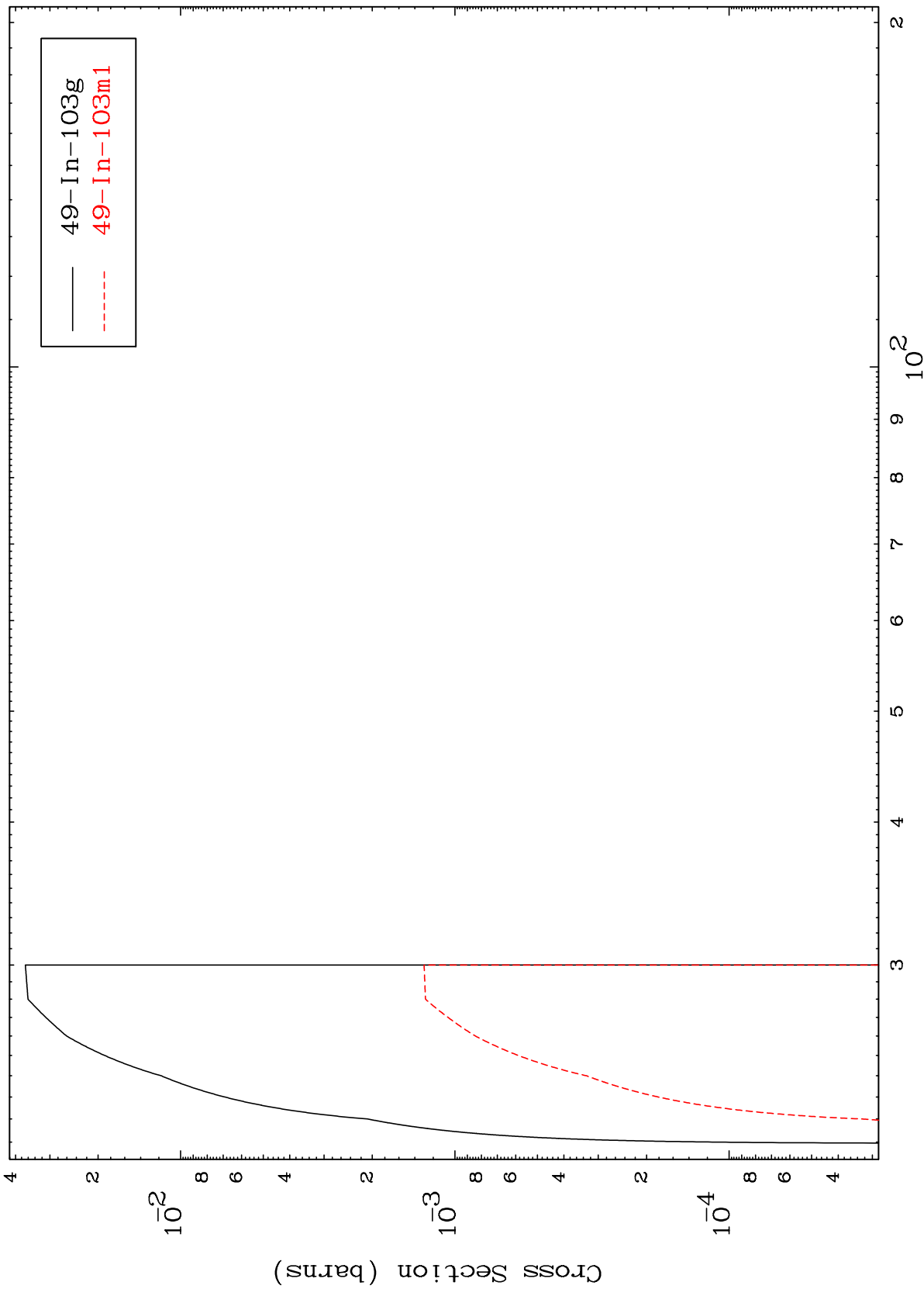
Inelastic
Radionuclide Production Cross Section



MAT 4708

47-Ag-101m

(n,2n)
Radionuclide Production Cross Section

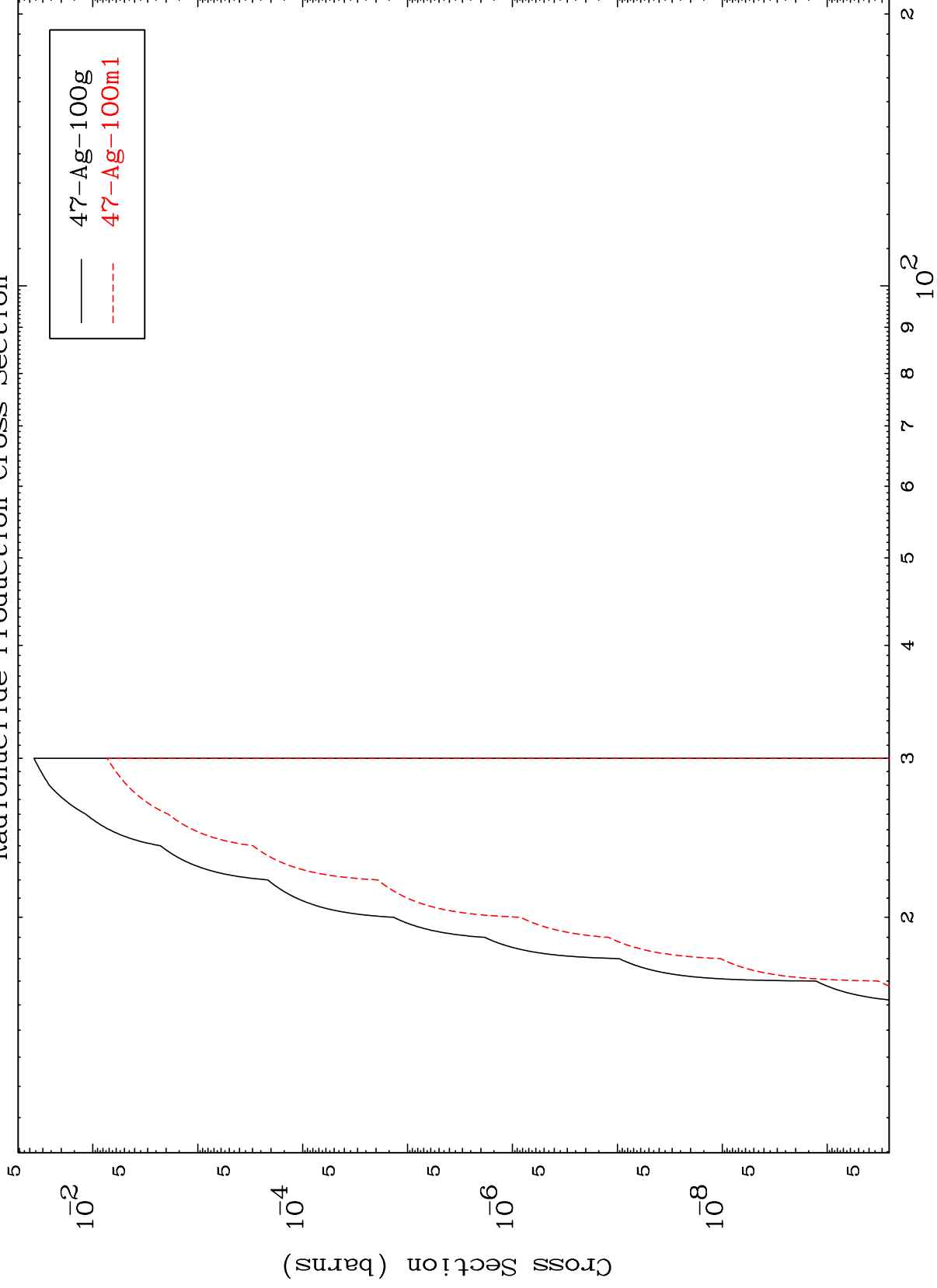


MAT 4708

$(n, n') \alpha$

47-Ag-101m

Radionuclide Production Cross Section

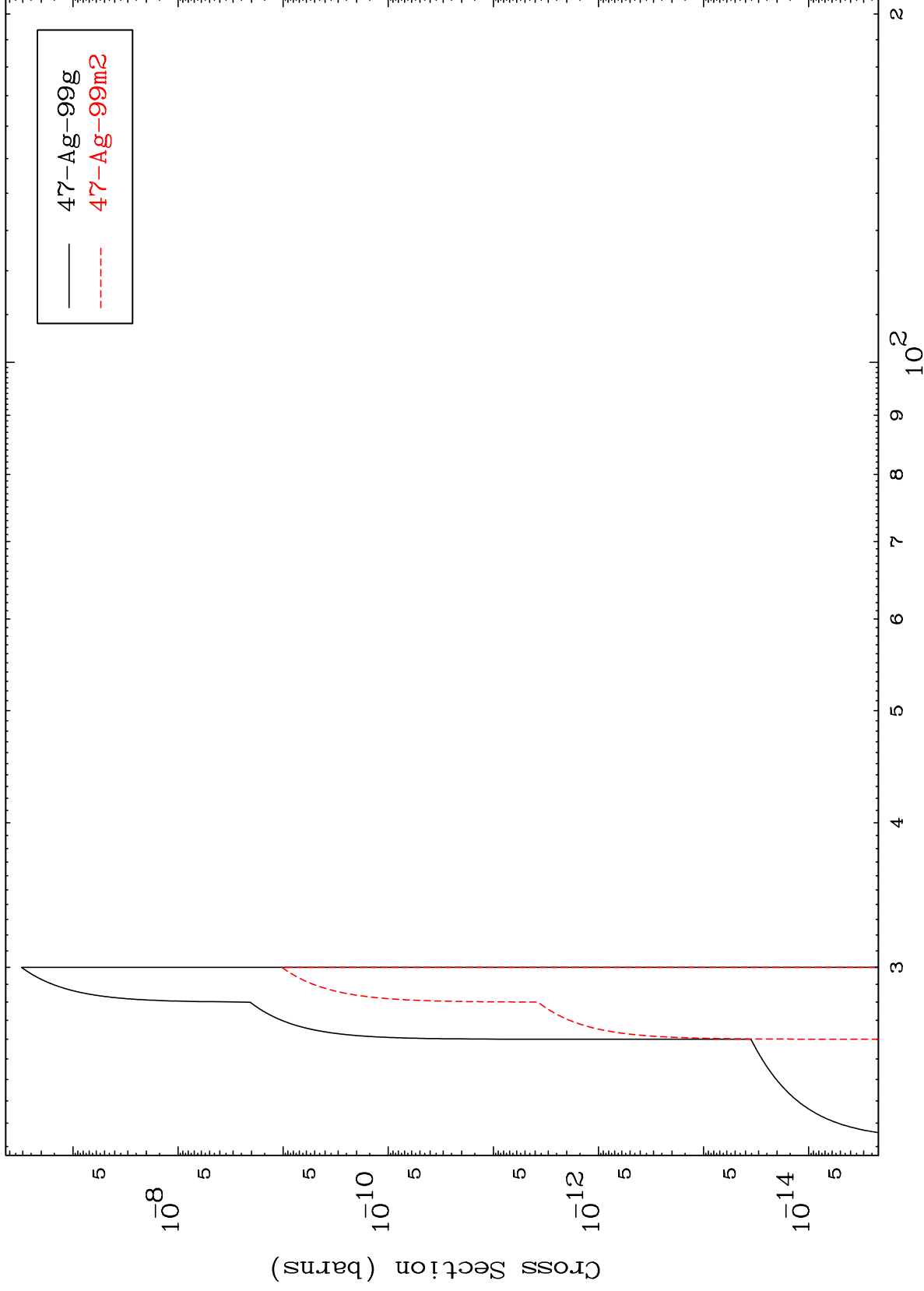


MAT 4708

(n,2n) α

47-Ag-101m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

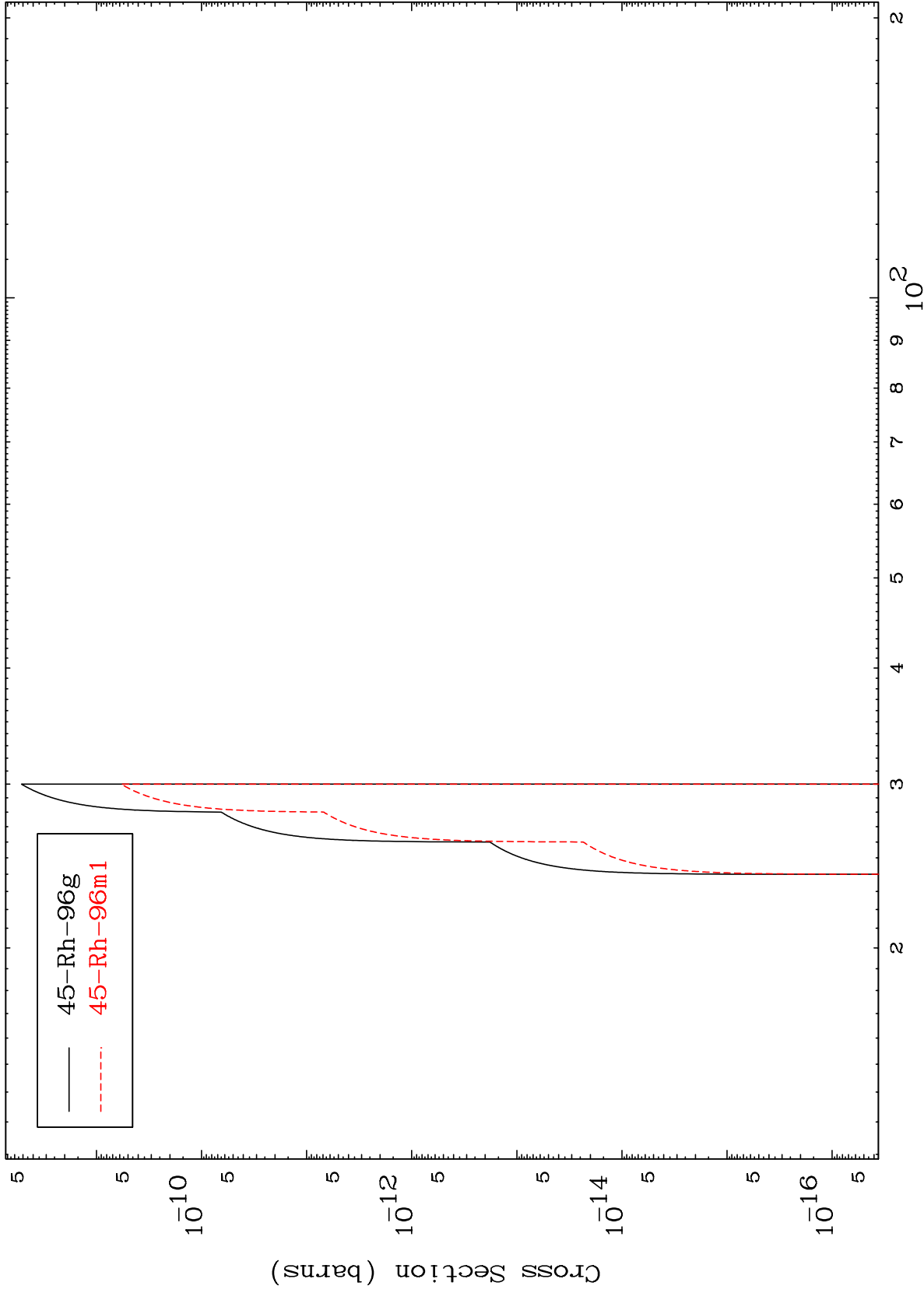
47-Ag-101m

MAT 4708

(n,n') 2 α

47-Ag-101m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

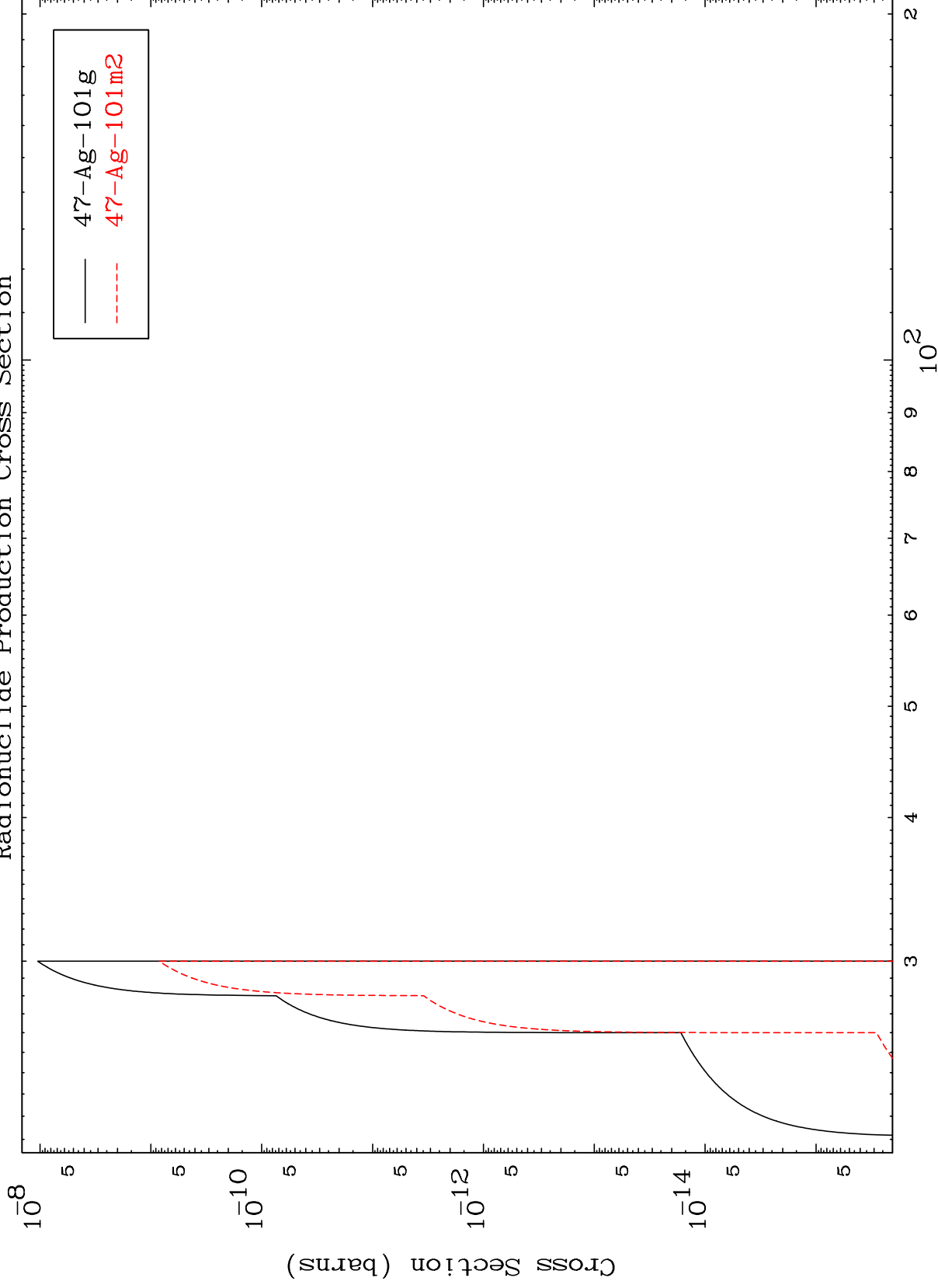
47-Ag-101m

MAT 4708

(n,n') He-3

47-Ag-101m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

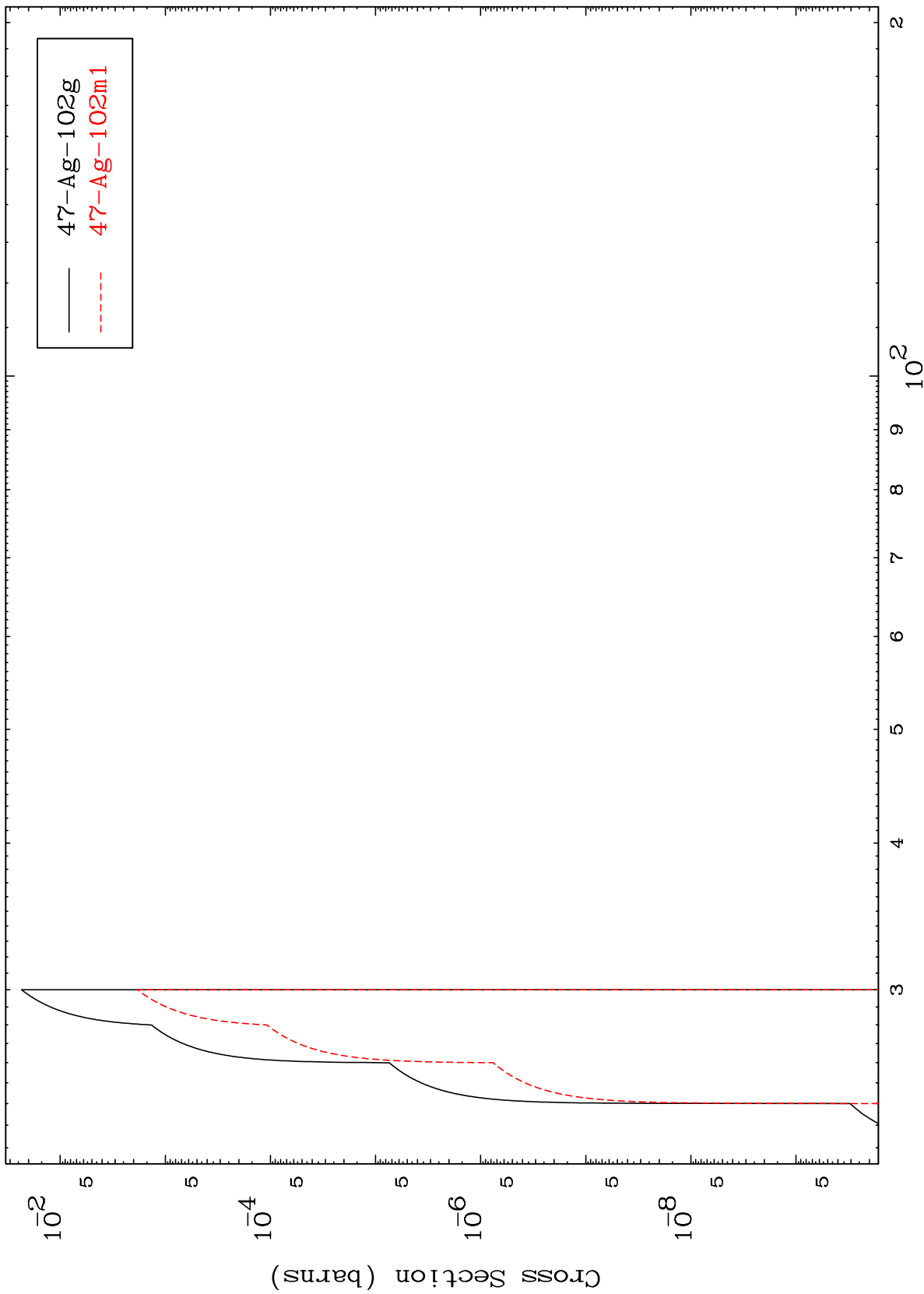
47-Ag-101m

MAT 4708

(n,2n) p

47-Ag-101m

Radionuclide Production Cross Section



17

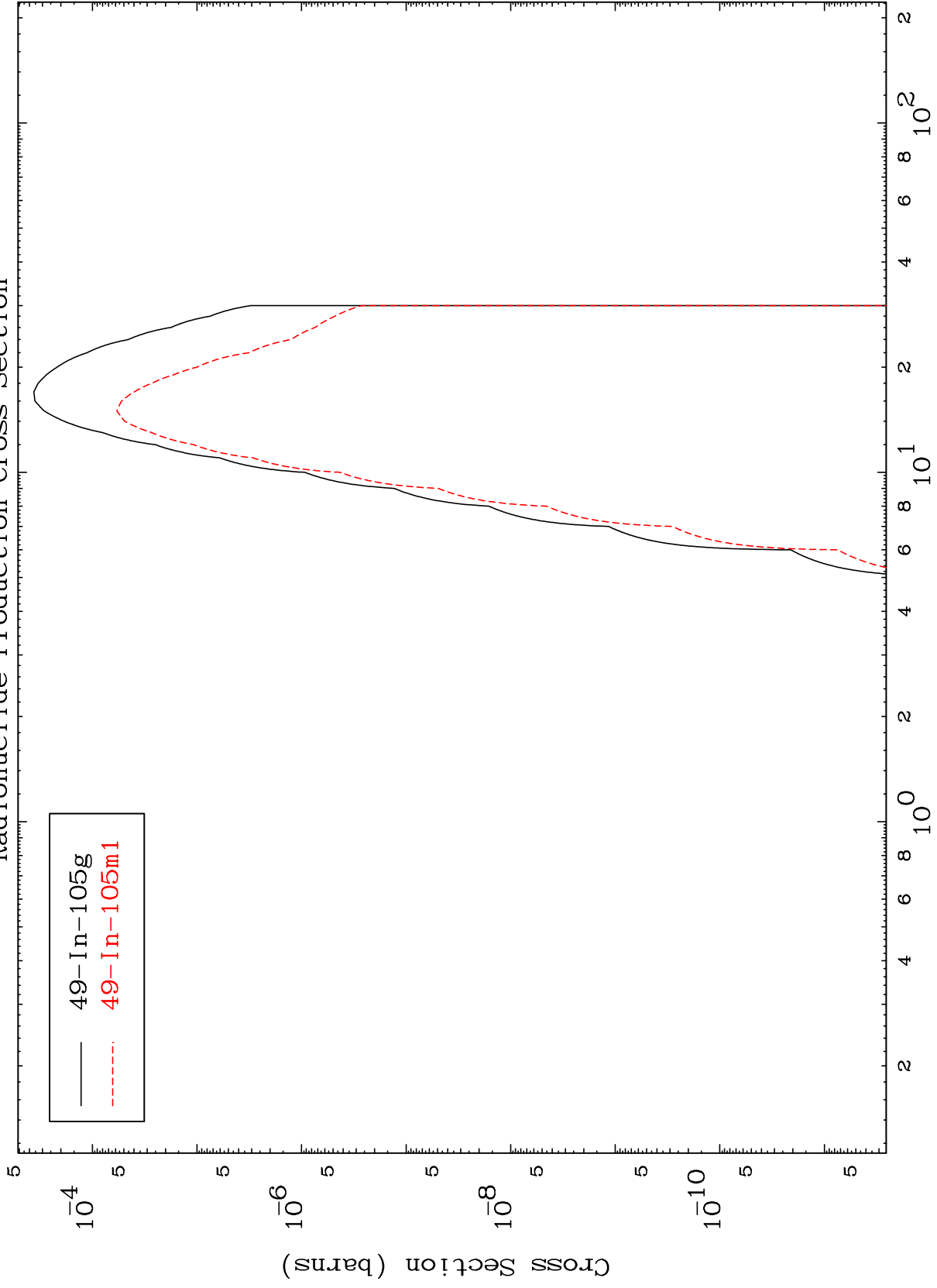
Incident Energy (MeV)

47-Ag-101m

MAT 4708

47-Ag-101m

(n, γ)
Radionuclide Production Cross Section

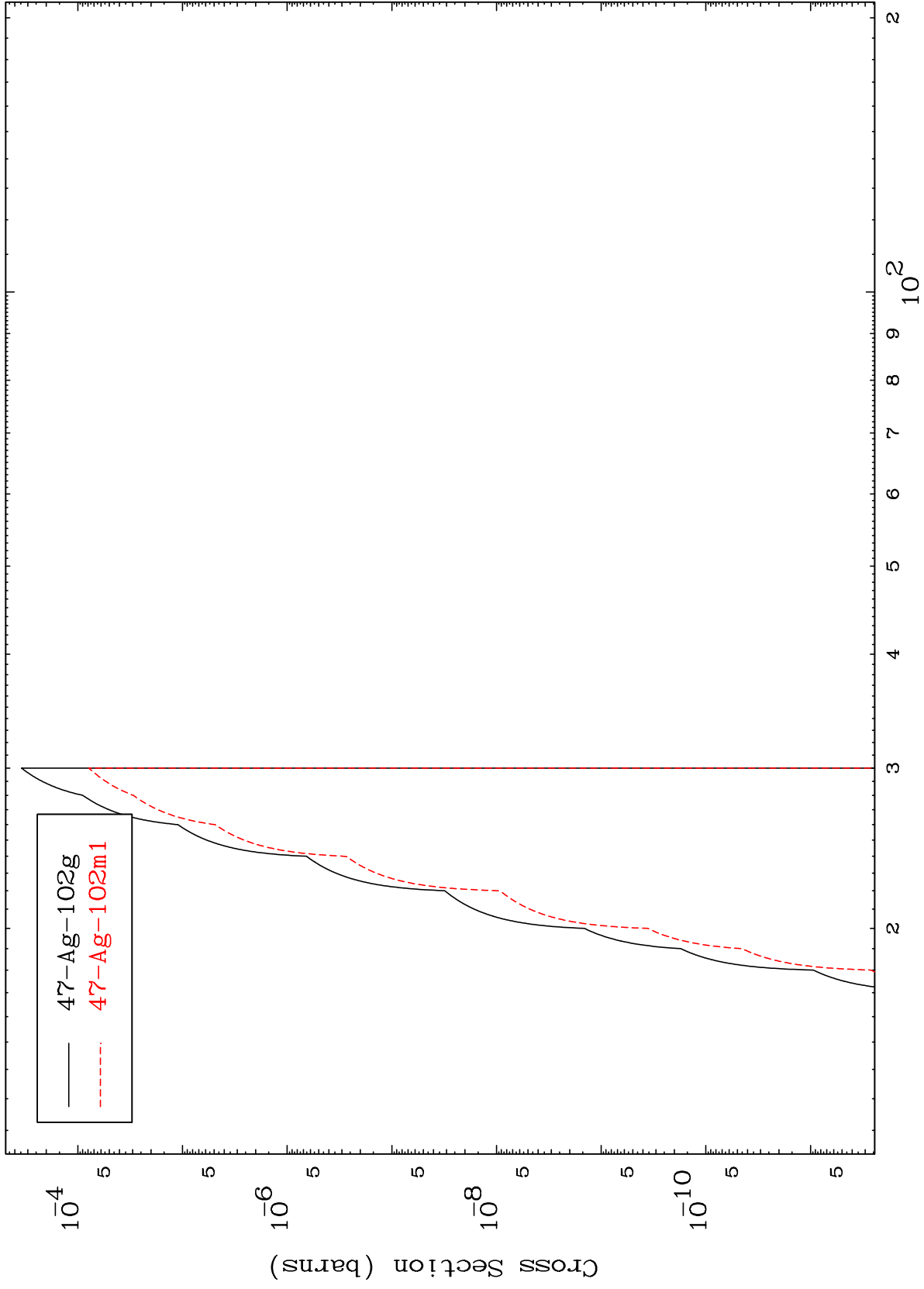


— 49-In-105g
- - - 49-In-105m1

MAT 4708

47-Ag-101m

(n,He-3)
Radionuclide Production Cross Section



19

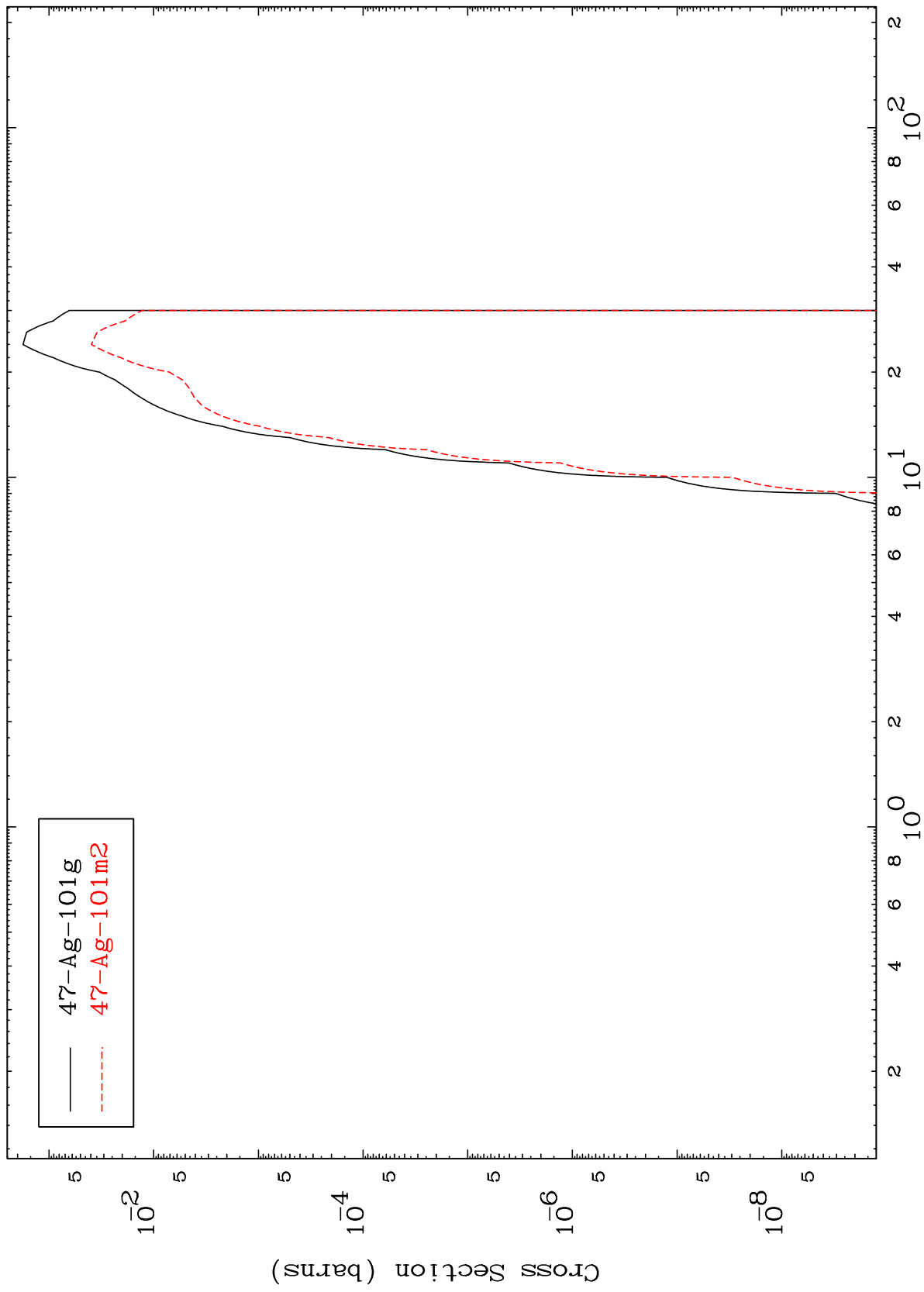
47-Ag-101m

Incident Energy (MeV)

MAT 4708

47-Ag-101m

Radionuclide Production Cross Section
(n, α)



47-Ag-101m

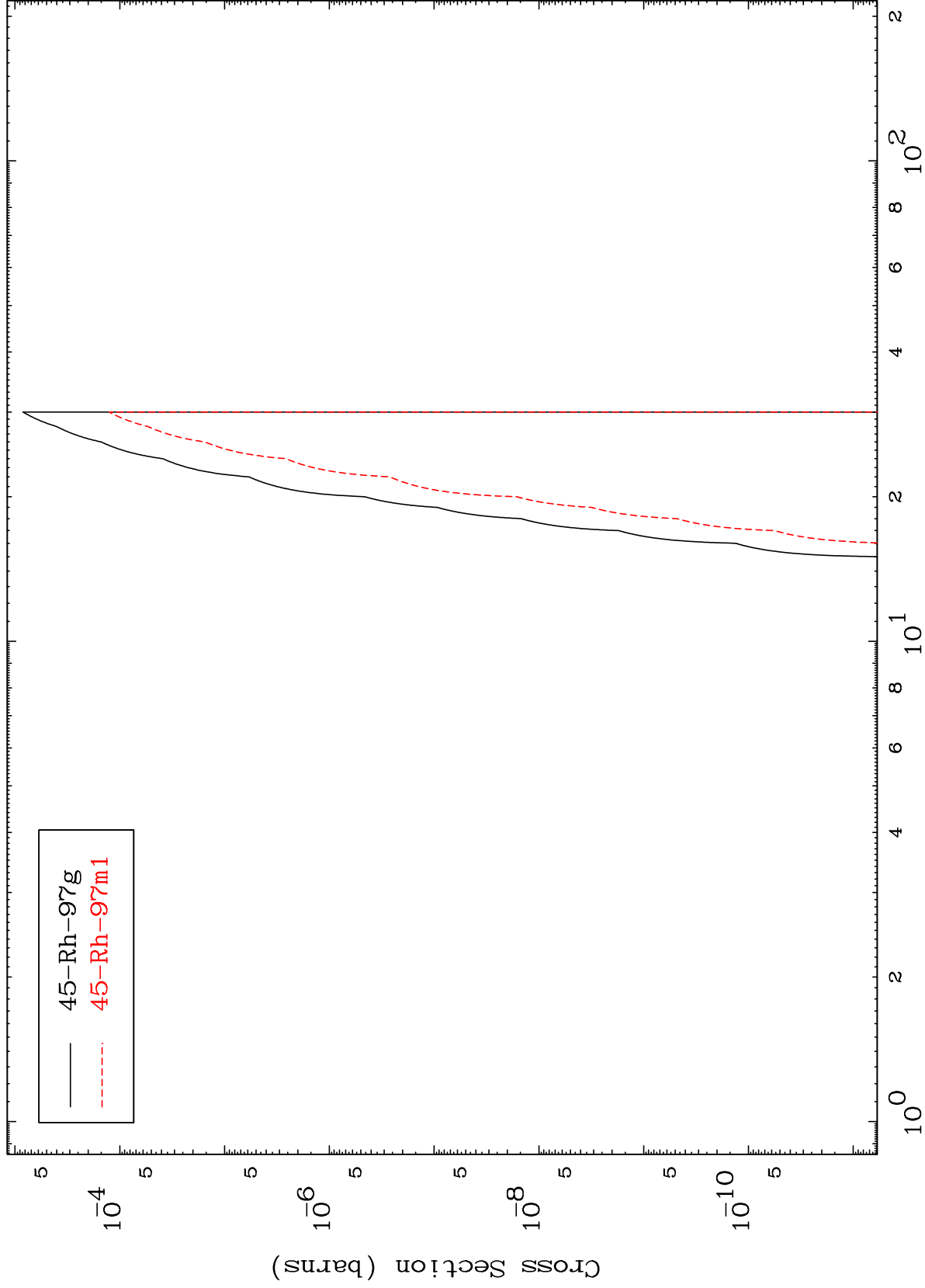
Incident Energy (MeV)

MAT 4708

(n,2α)

47-Ag-101m

Radionuclide Production Cross Section



21

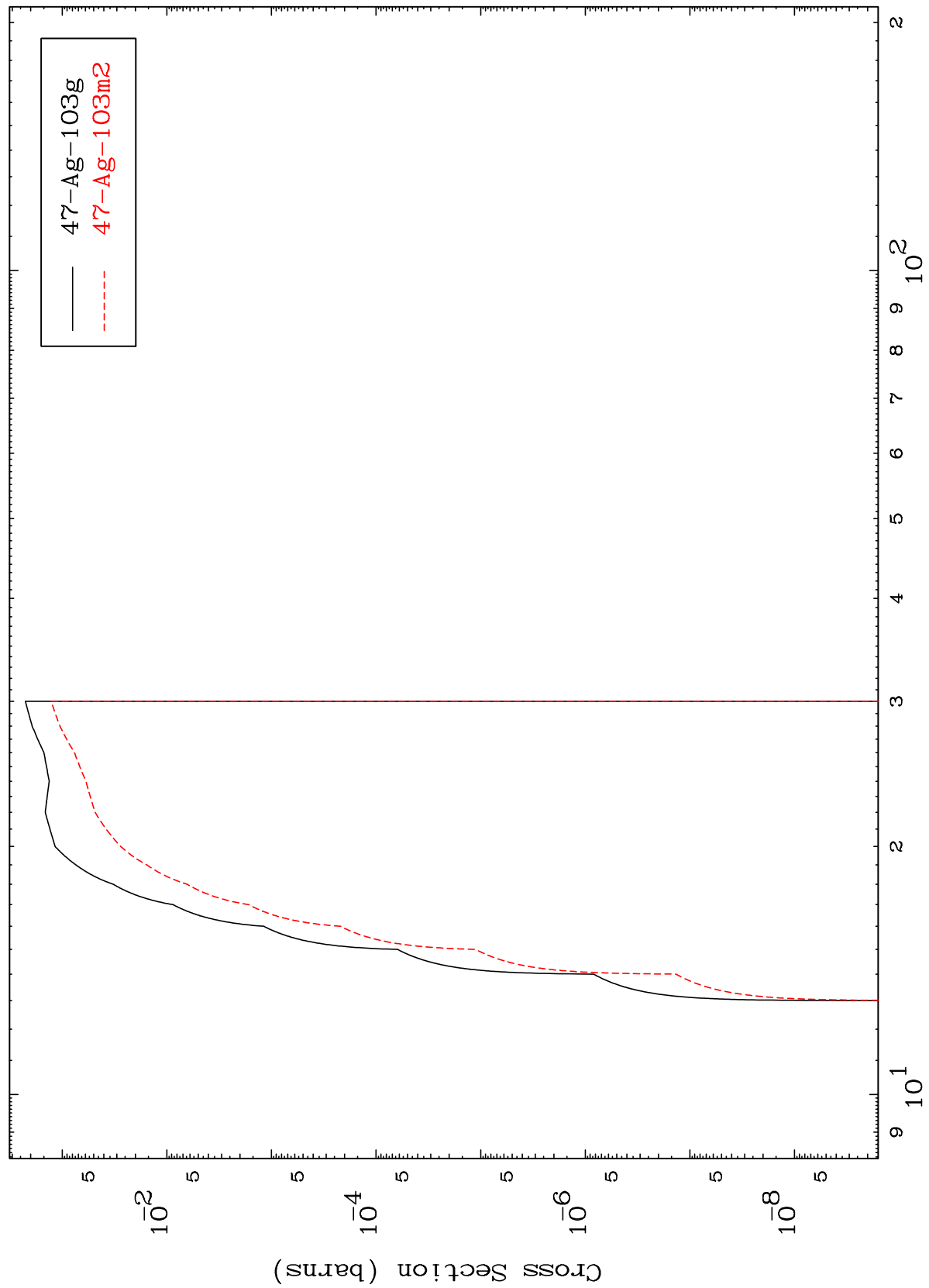
Incident Energy (MeV)

47-Ag-101m

MAT 4708

47-Ag-101m

(n,2p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

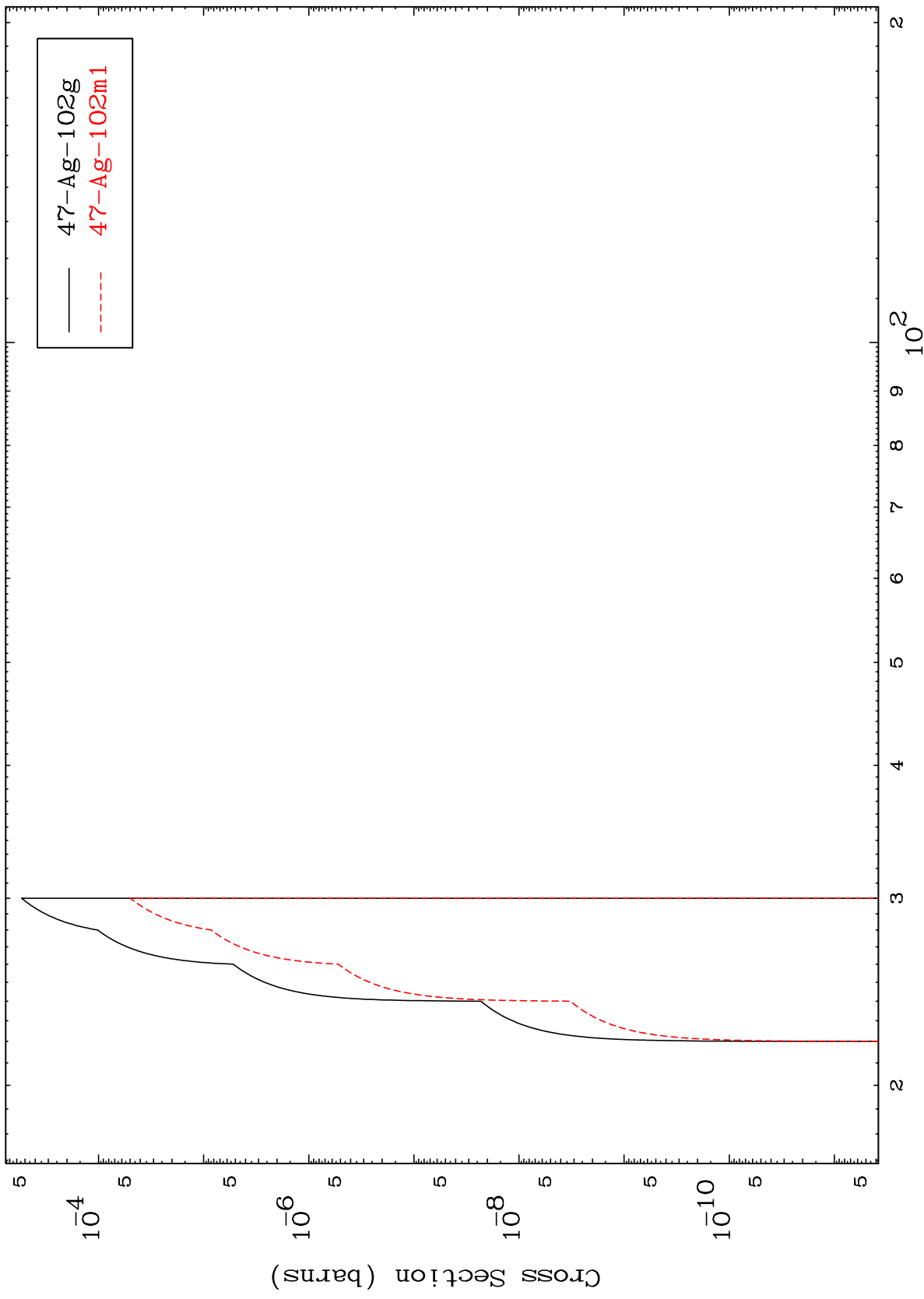
47-Ag-101m

MAT 4708

(n,p) d

47-Ag-101m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

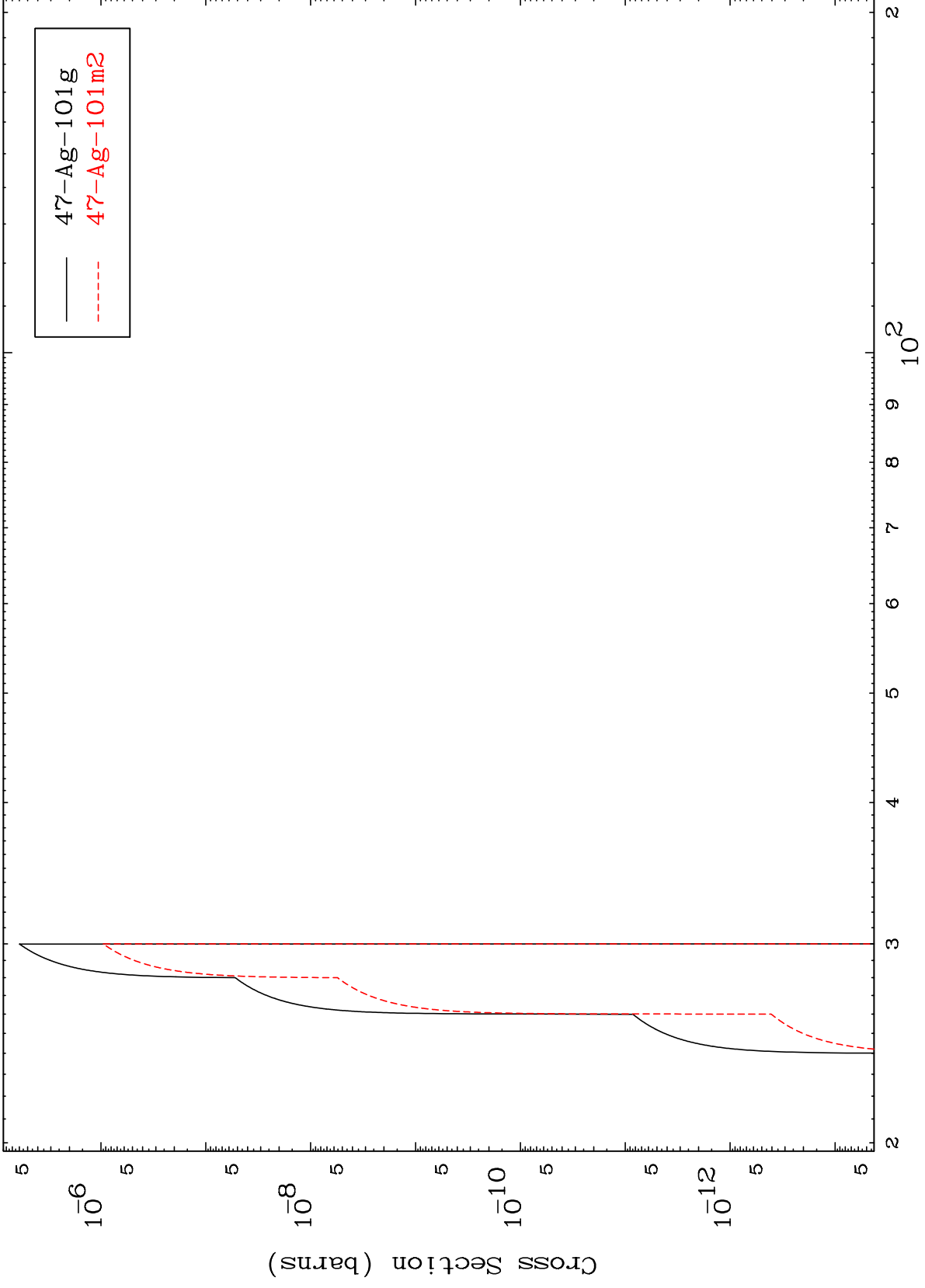
47-Ag-101m

MAT 4708

(n,p) t

47-Ag-101m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

47-Ag-101m