

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

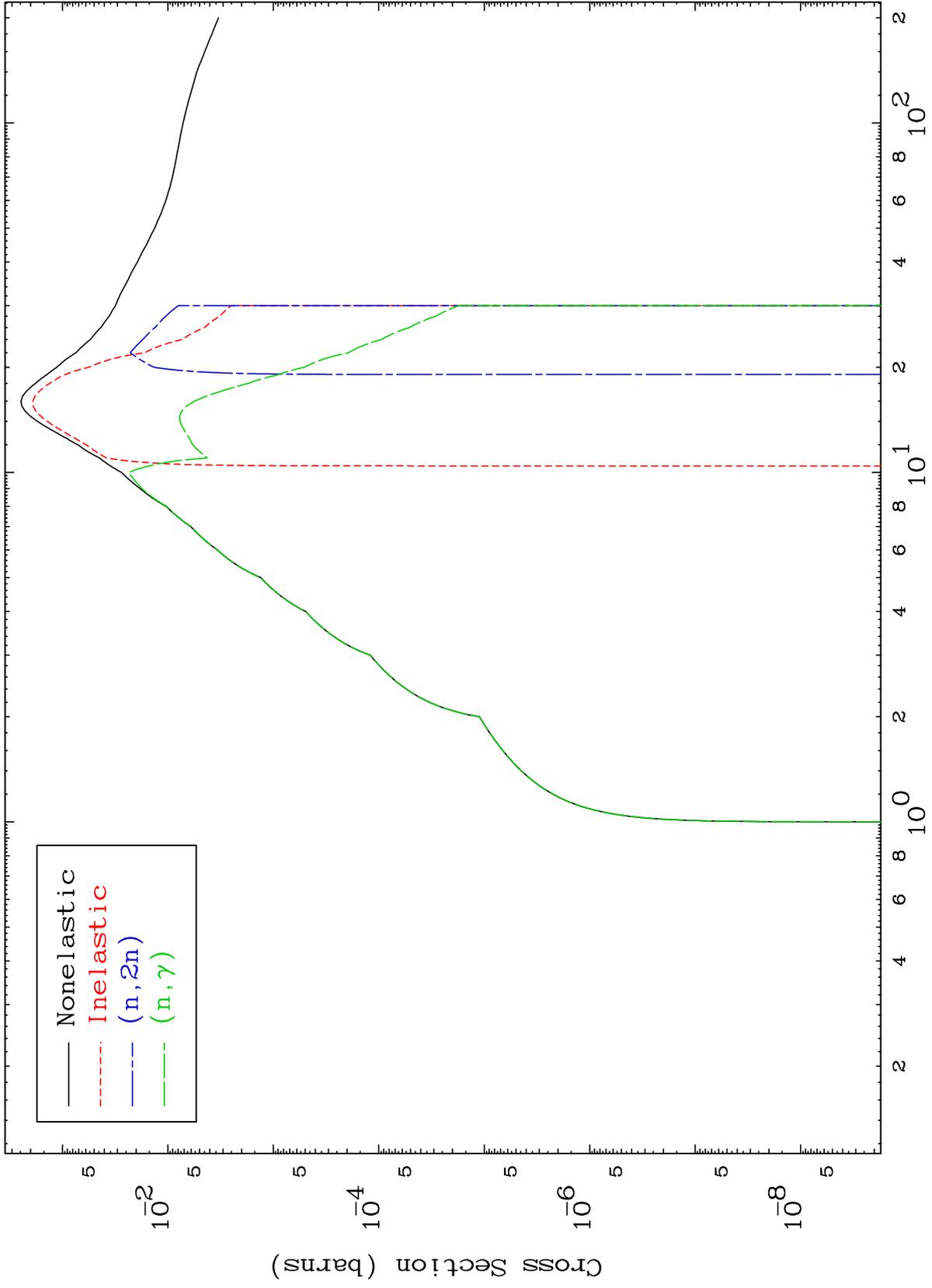
Press Mouse Button to Start

MAT 4913

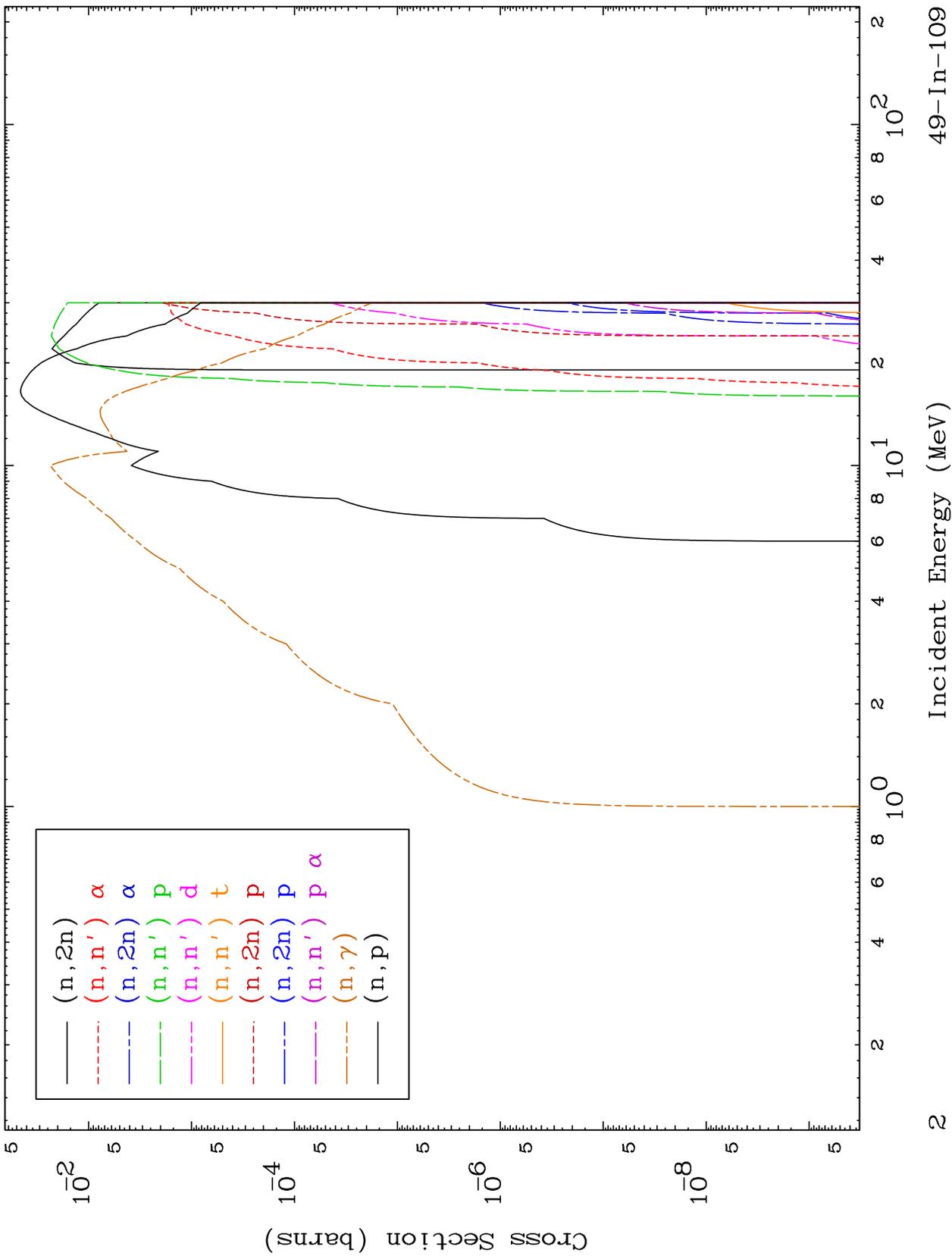
Photon Major

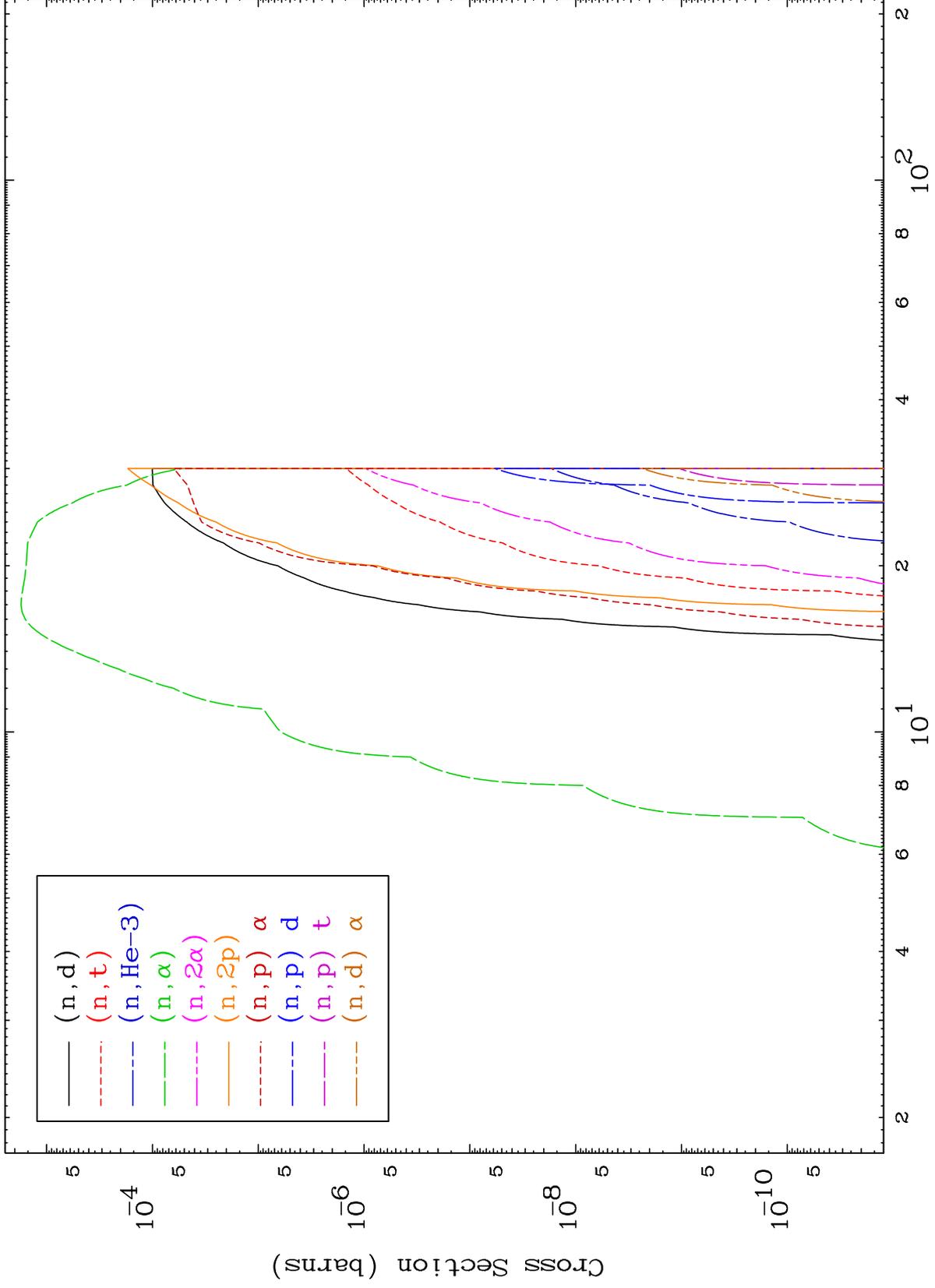
49-In-109

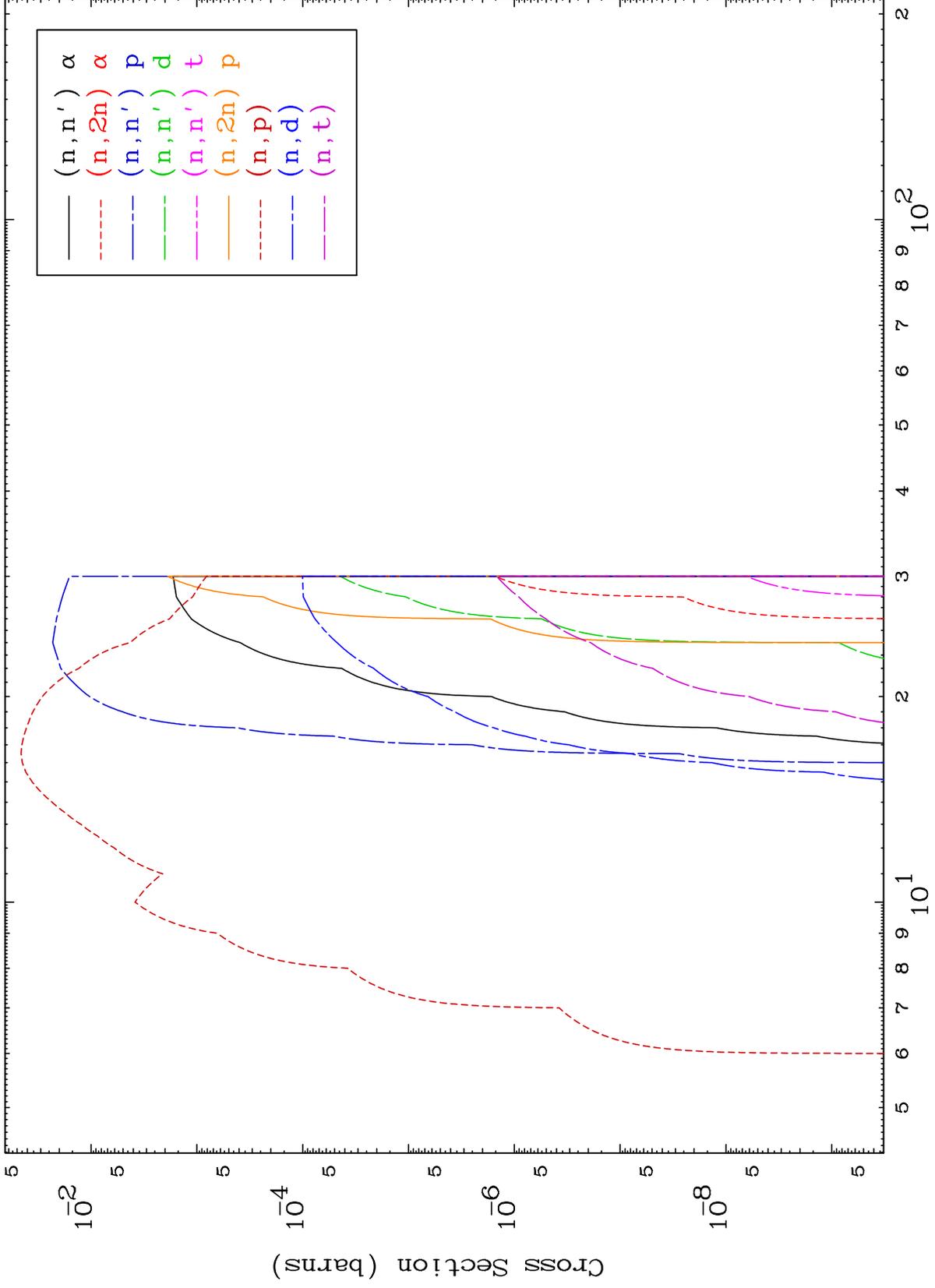
0 Kelvin Cross Sections

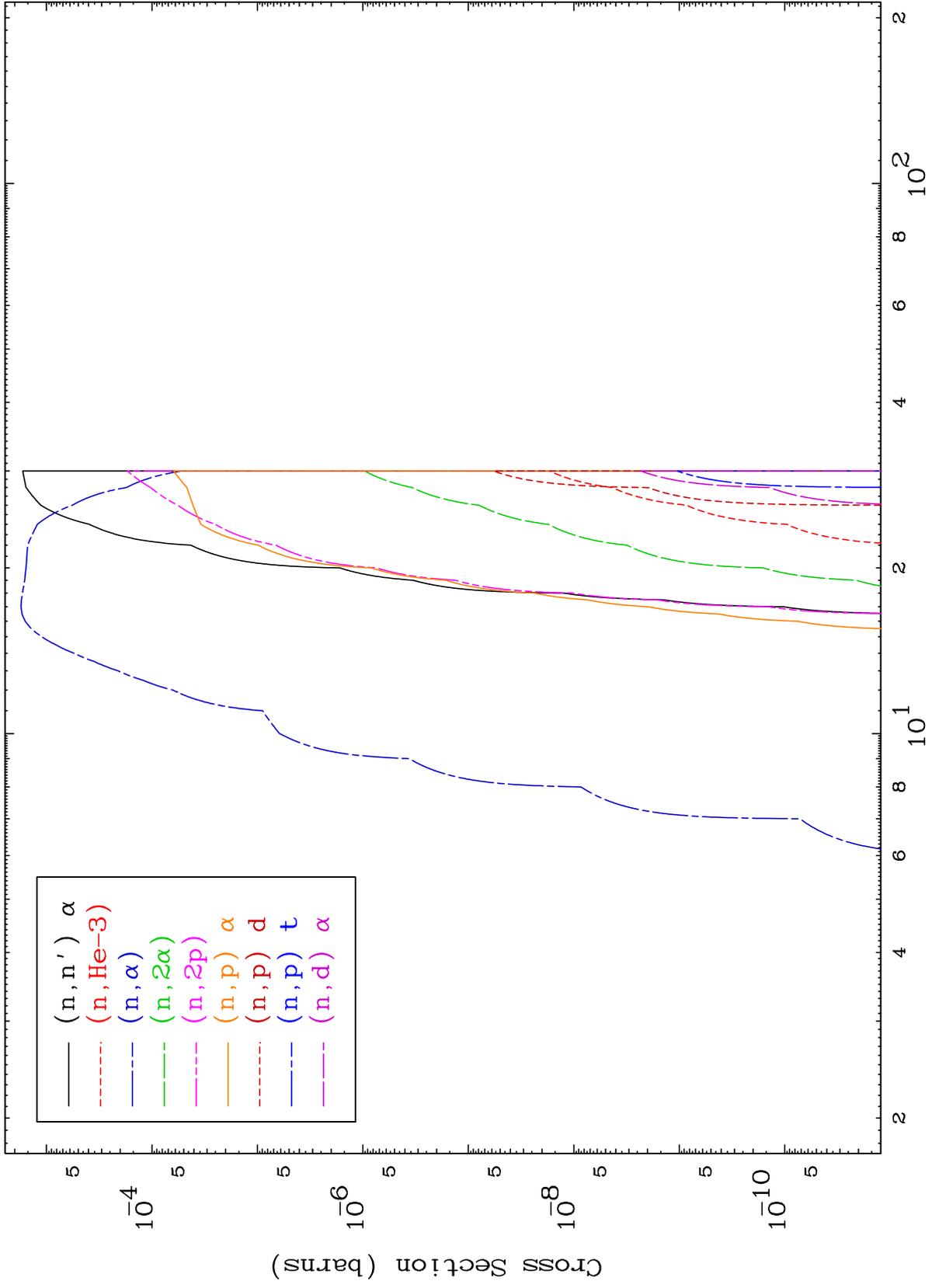


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)





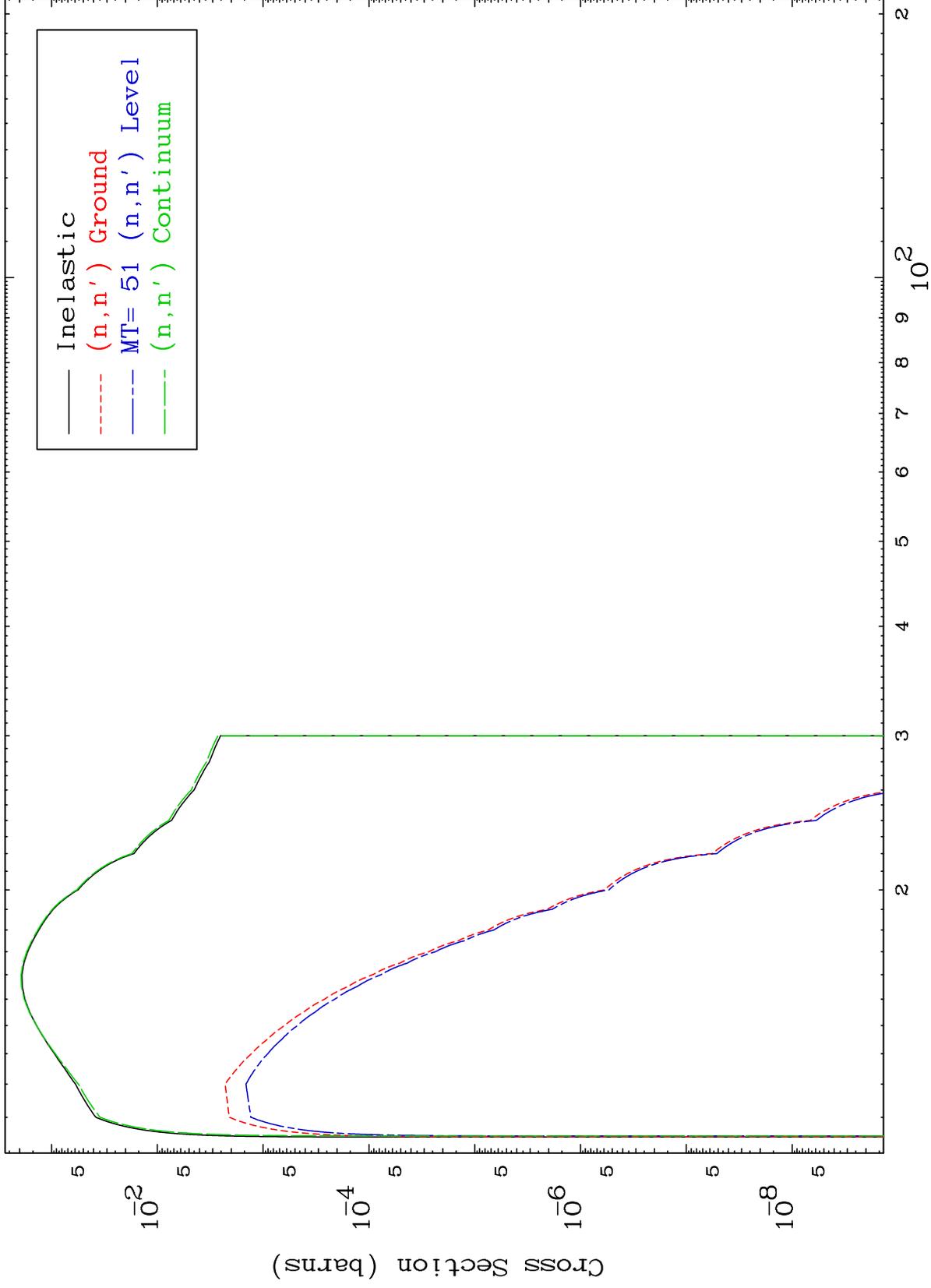




MAT 4913

49-In-109

(γ, n') Levels
0 Kelvin Cross Sections



49-In-109

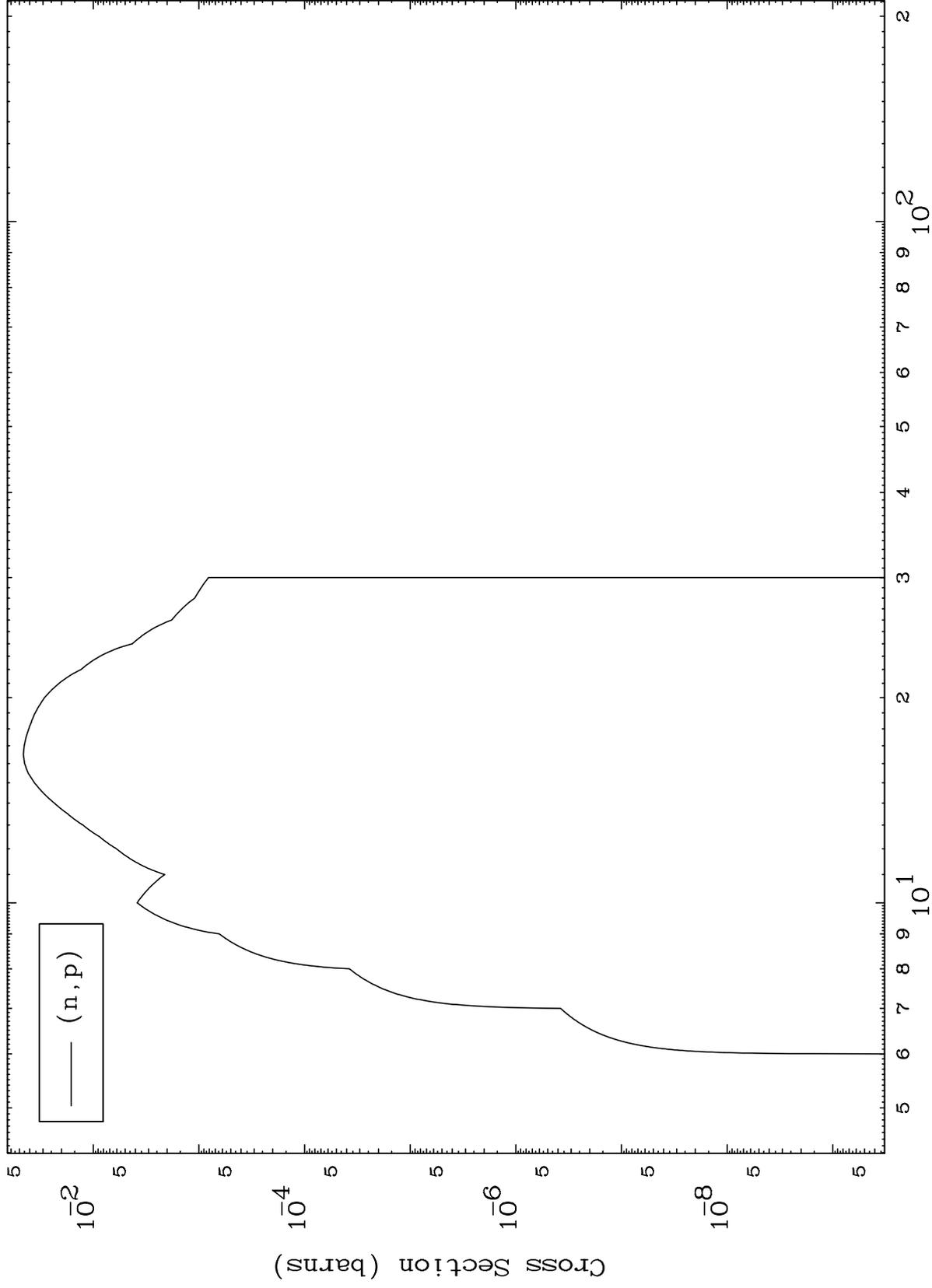
Incident Energy (MeV)

6

MAT 4913

(γ, p) Levels
0 Kelvin Cross Sections

49-In-109



7

Incident Energy (MeV)

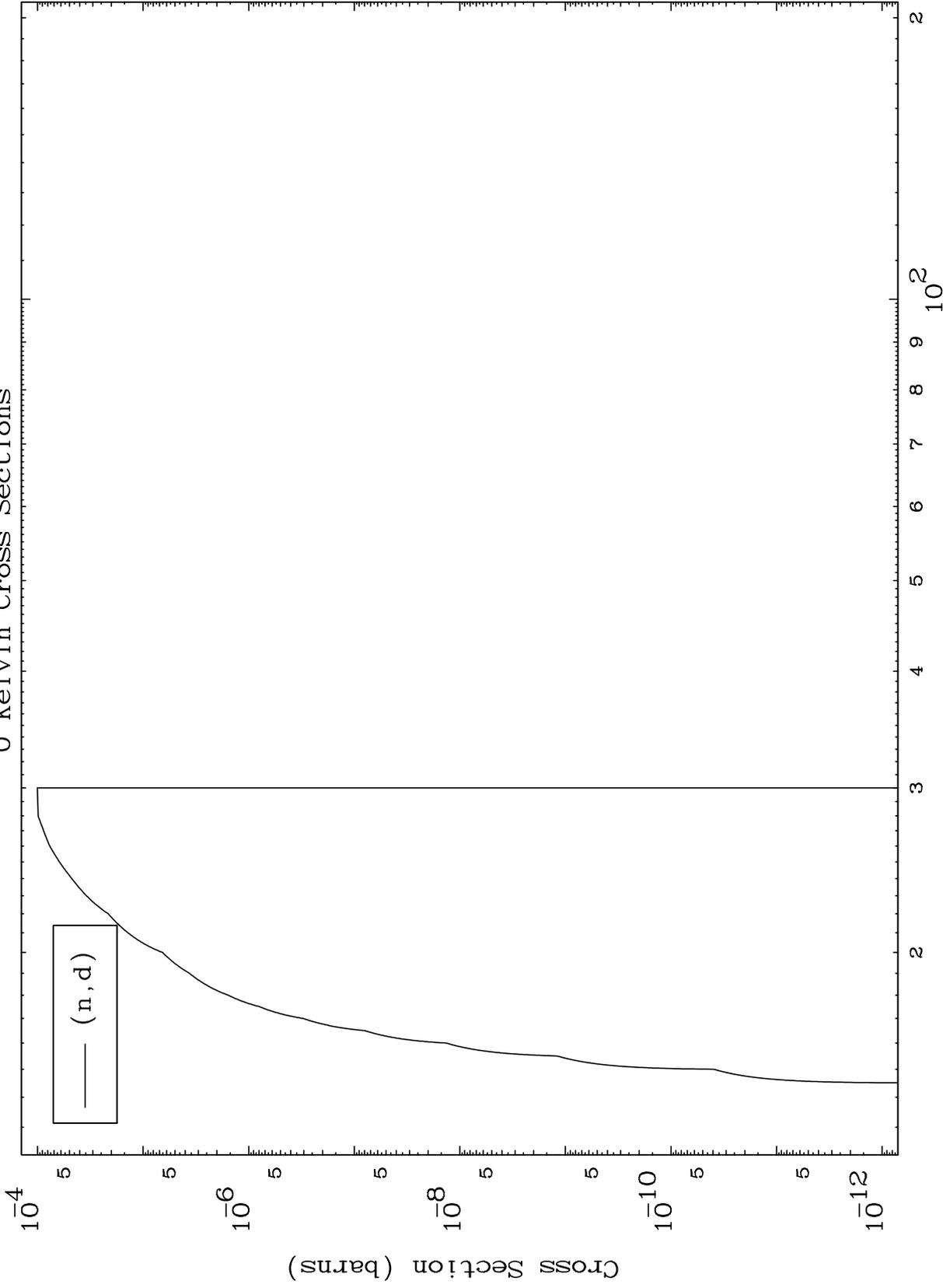
49-In-109

MAT 4913

(γ, d) Levels

49-In-109

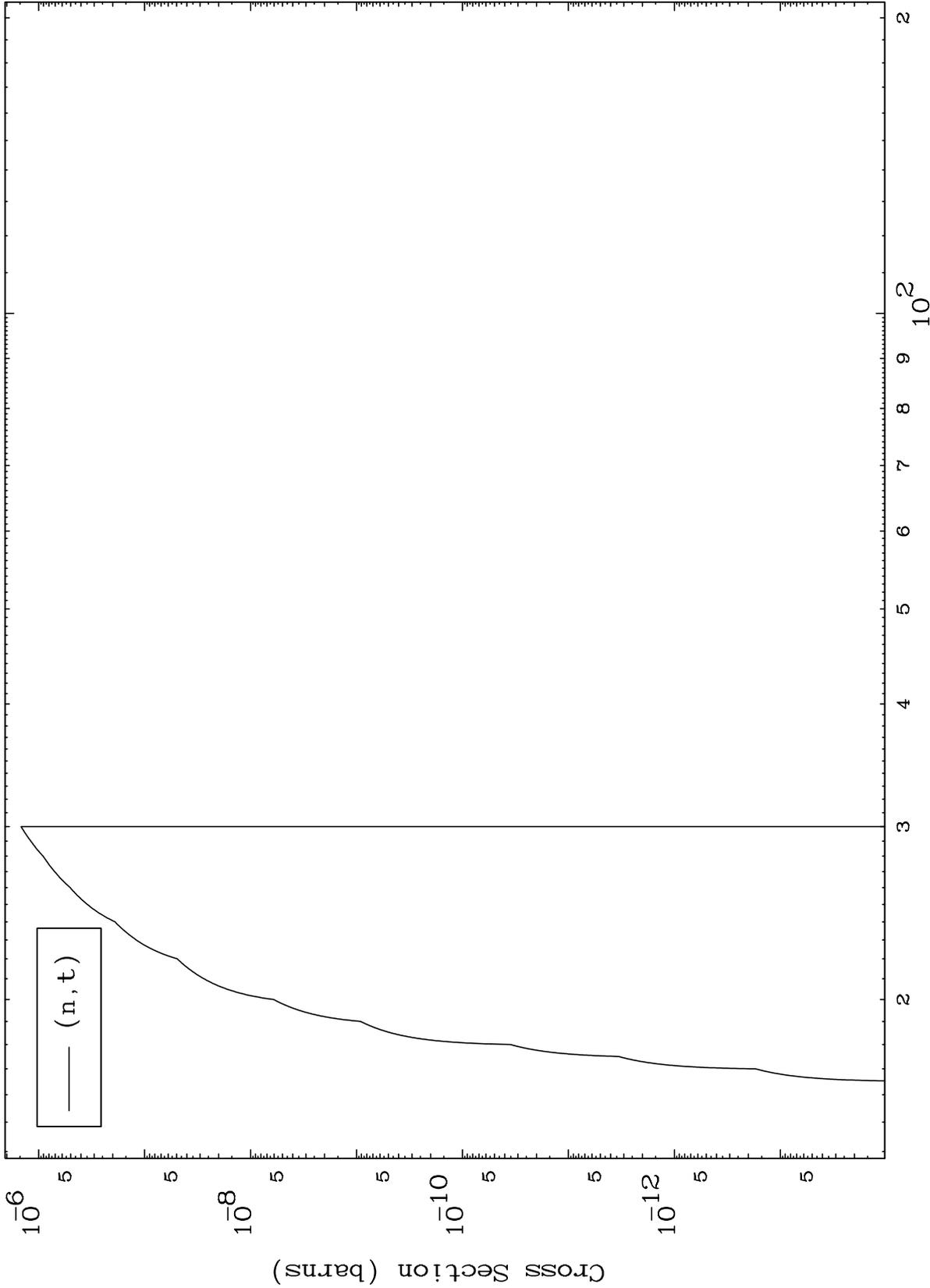
0 Kelvin Cross Sections



8

Incident Energy (MeV)

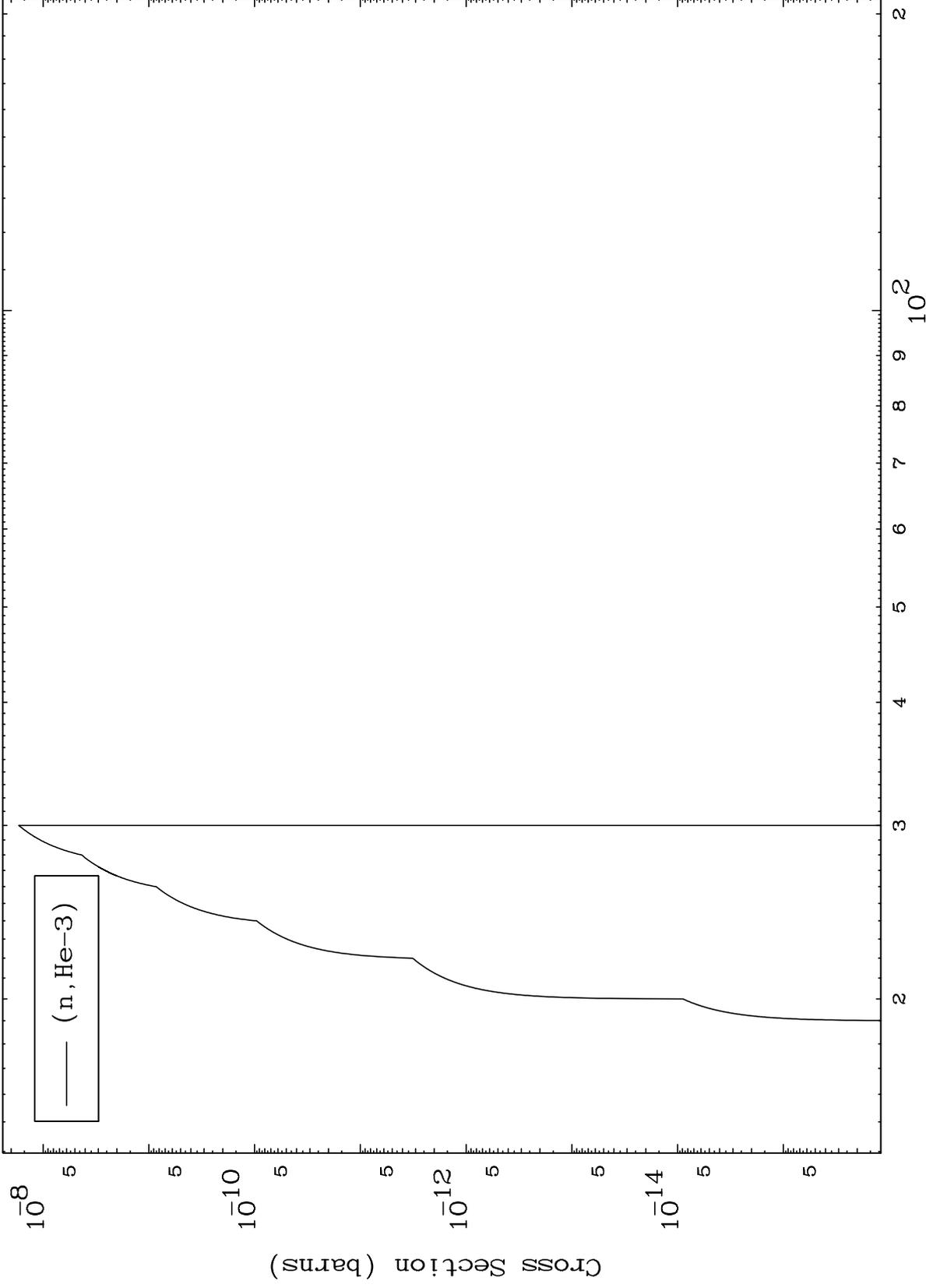
49-In-109



MAT 4913

(γ ,He3) Levels
0 Kelvin Cross Sections

49-In-109



10

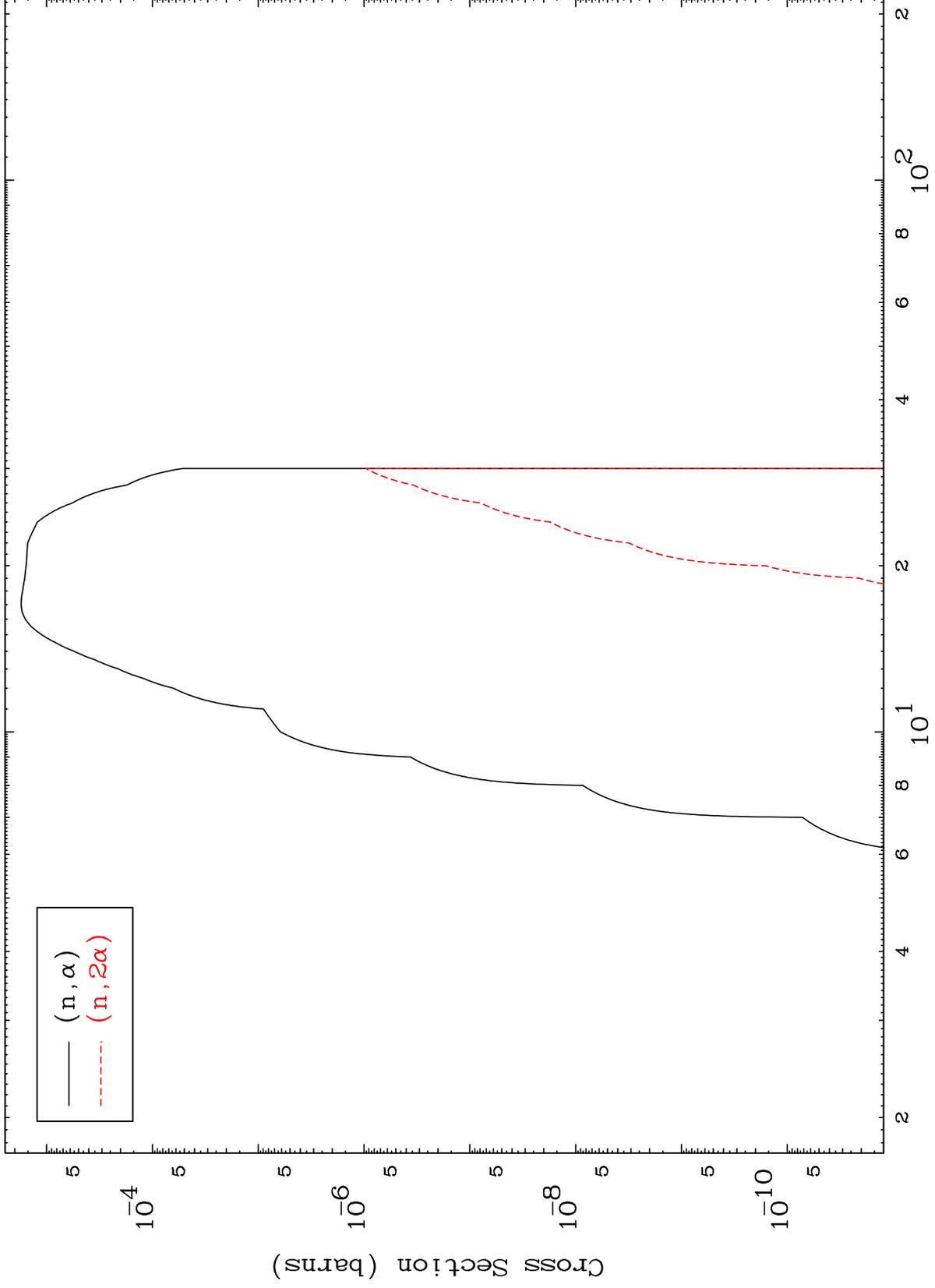
Incident Energy (MeV)

49-In-109

MAT 4913

(γ, α) Levels
0 Kelvin Cross Sections

49-In-109



11

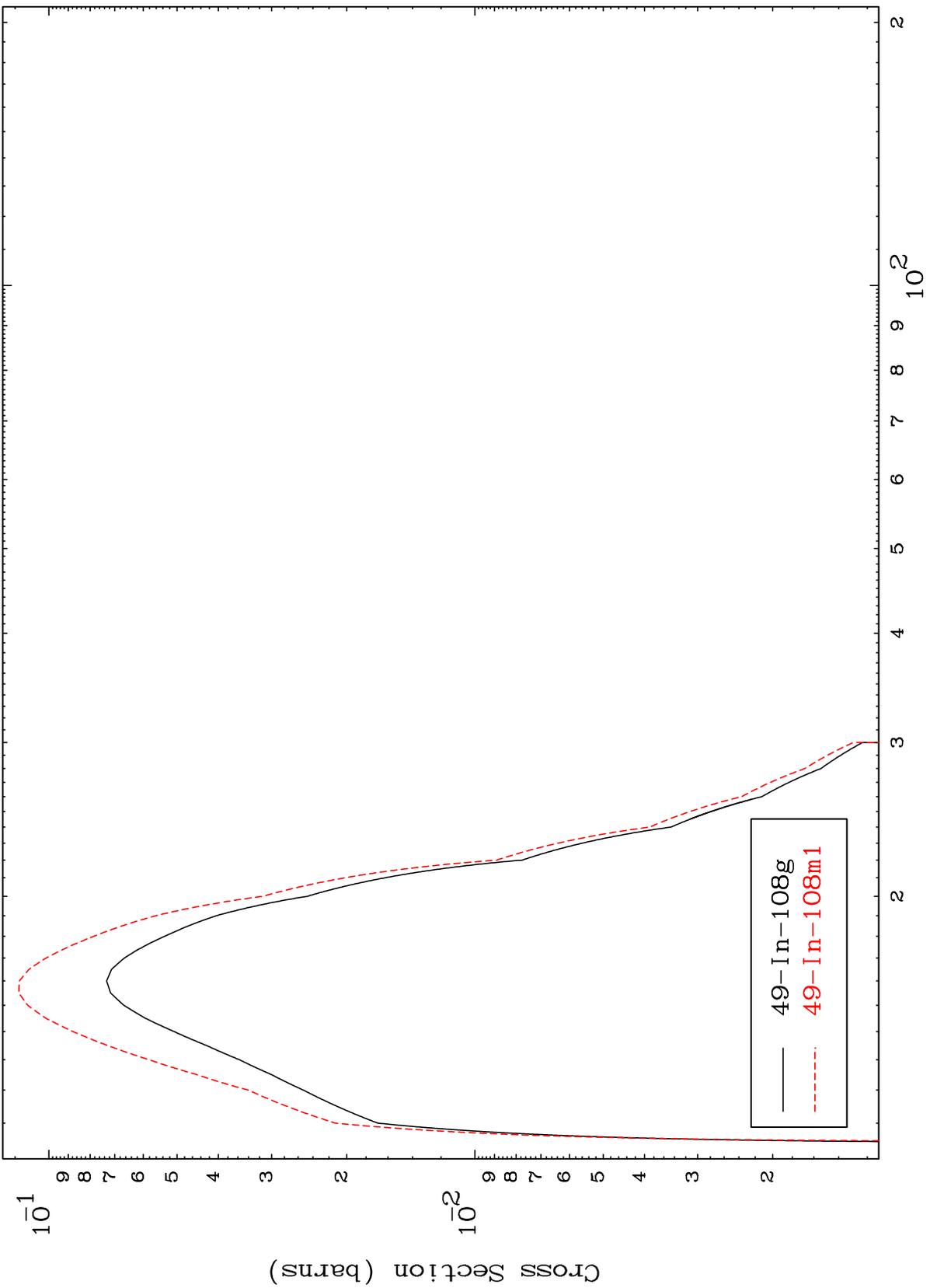
Incident Energy (MeV)

49-In-109

MAT 4913

49-In-109

Inelastic
Radionuclide Production Cross Section



12

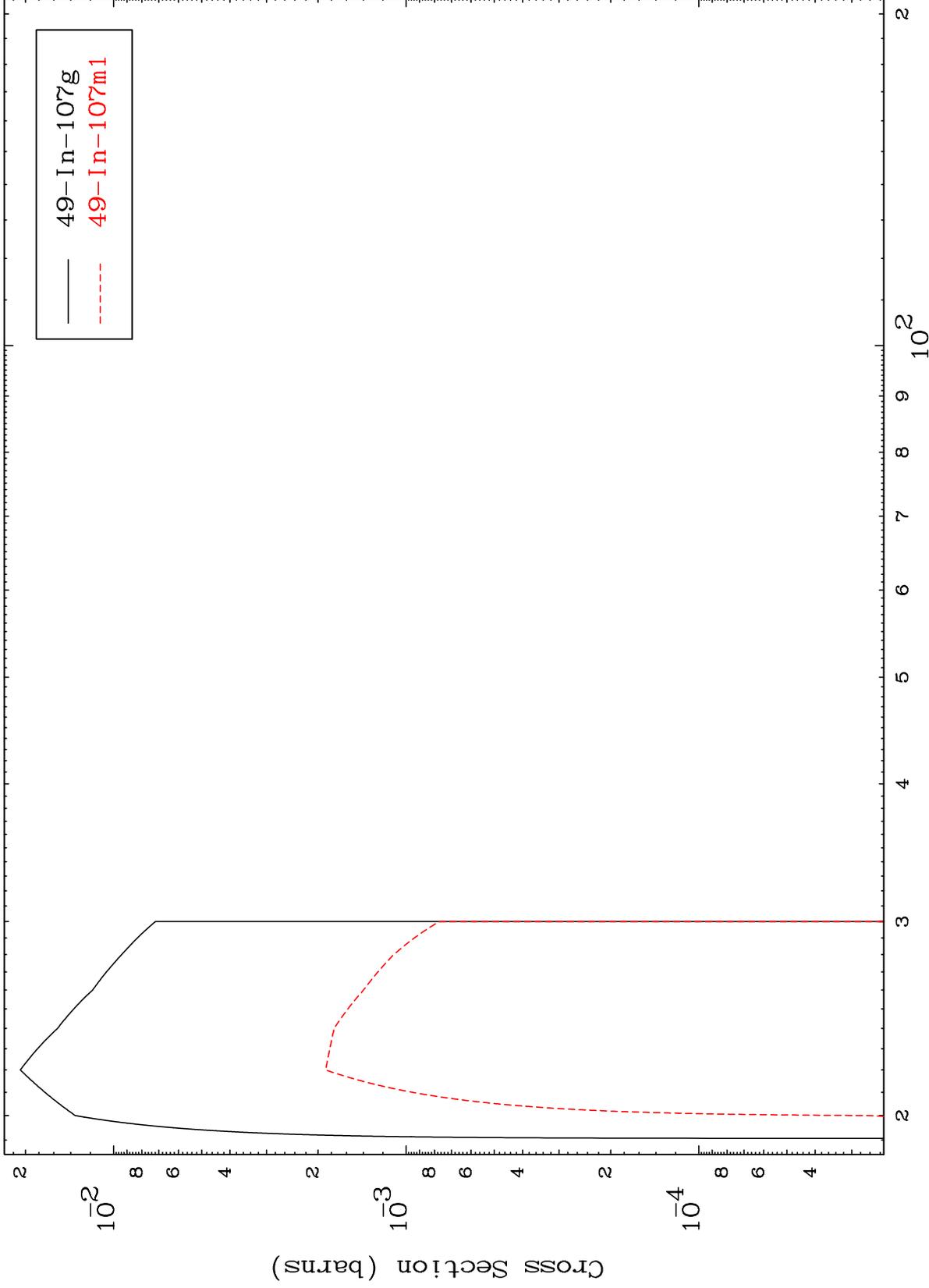
49-In-109

MAT 4913

(n,2n)

49-In-109

Radionuclide Production Cross Section



13

Incident Energy (MeV)

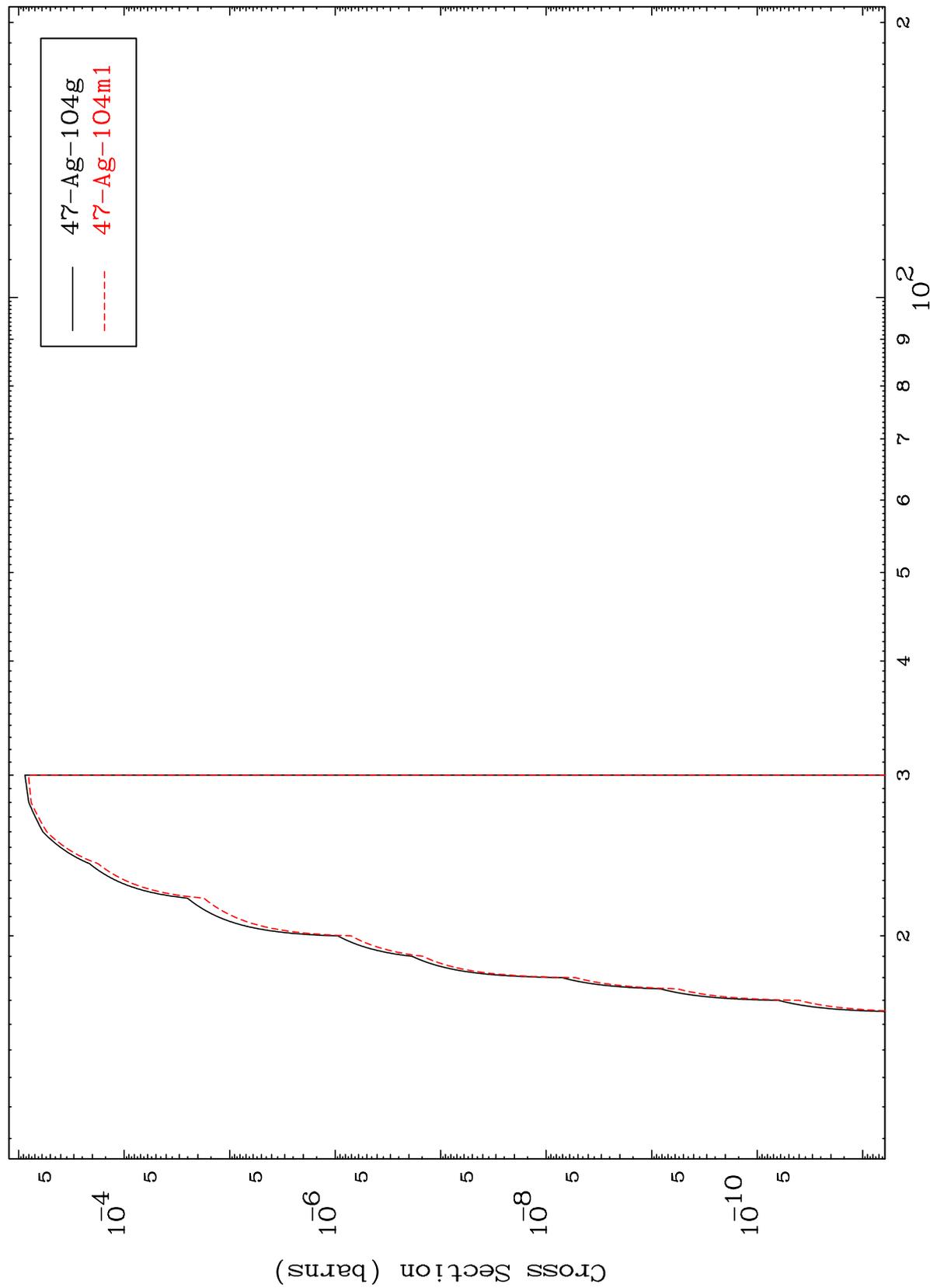
49-In-109

MAT 4913

$(n, n') \alpha$

49-In-109

Radionuclide Production Cross Section



14

Incident Energy (MeV)

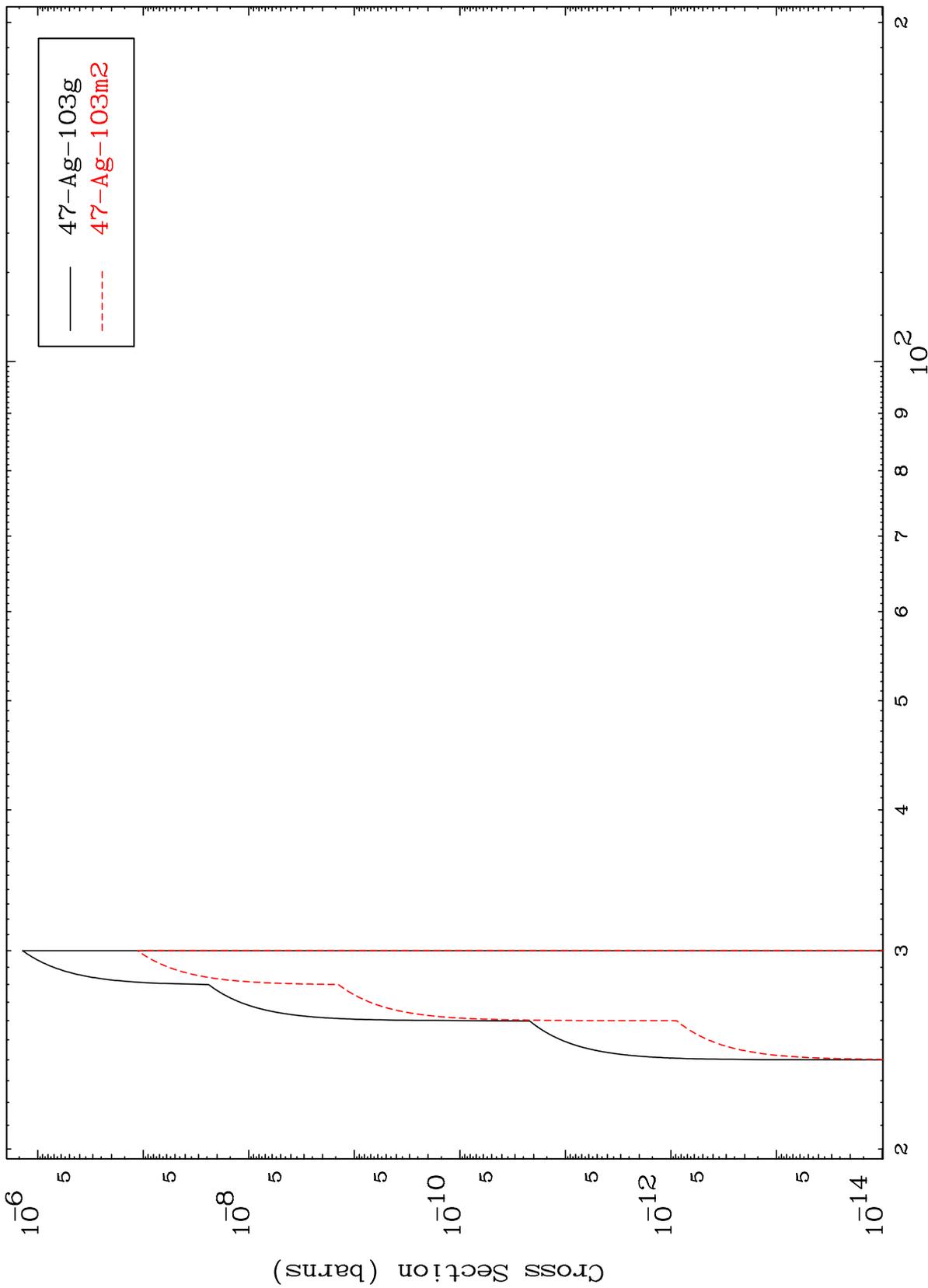
49-In-109

MAT 4913

(n,2n) α

49-In-109

Radionuclide Production Cross Section



15

Incident Energy (MeV)

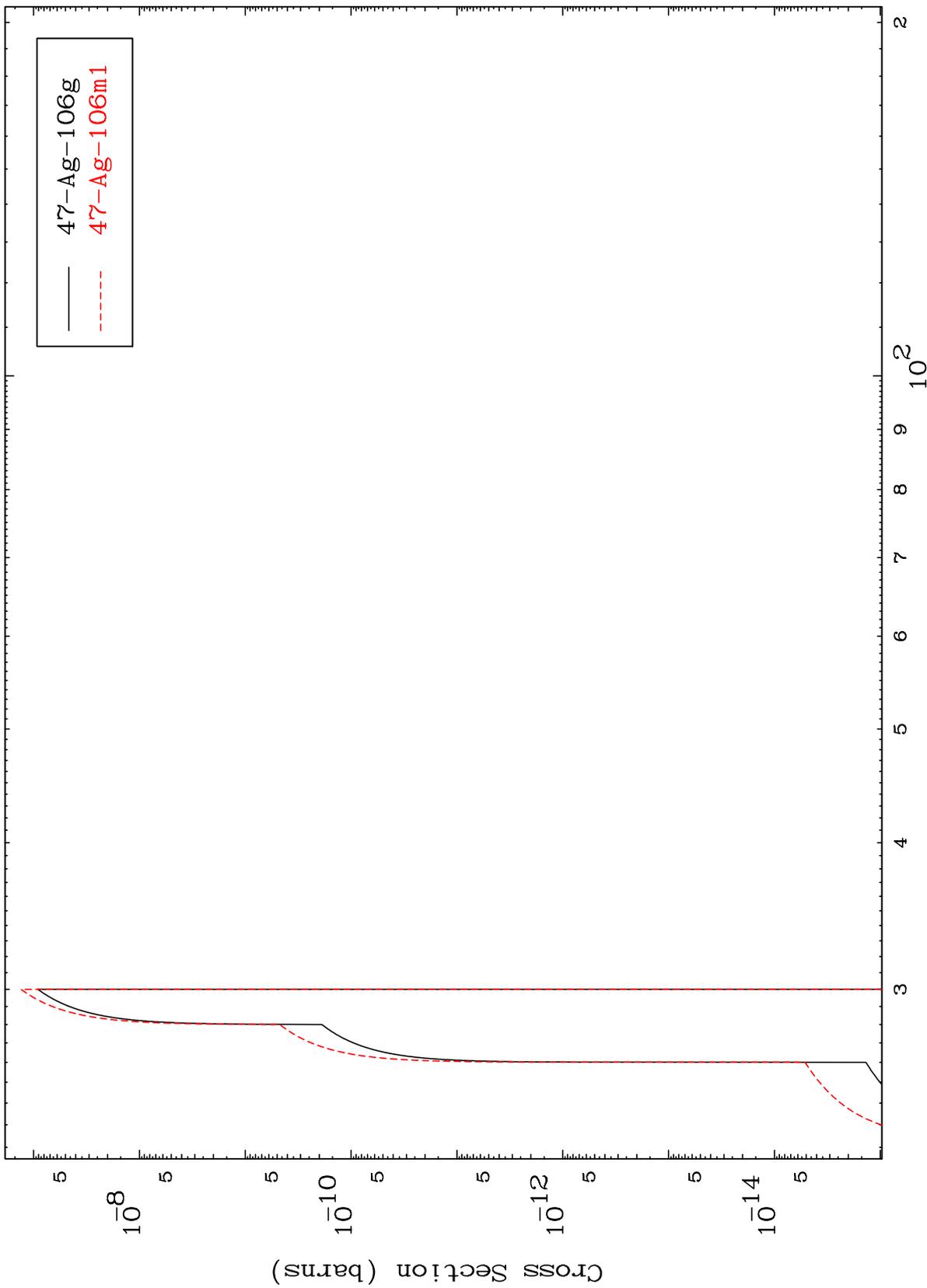
49-In-109

MAT 4913

(n,2n) p

49-In-109

Radionuclide Production Cross Section



16

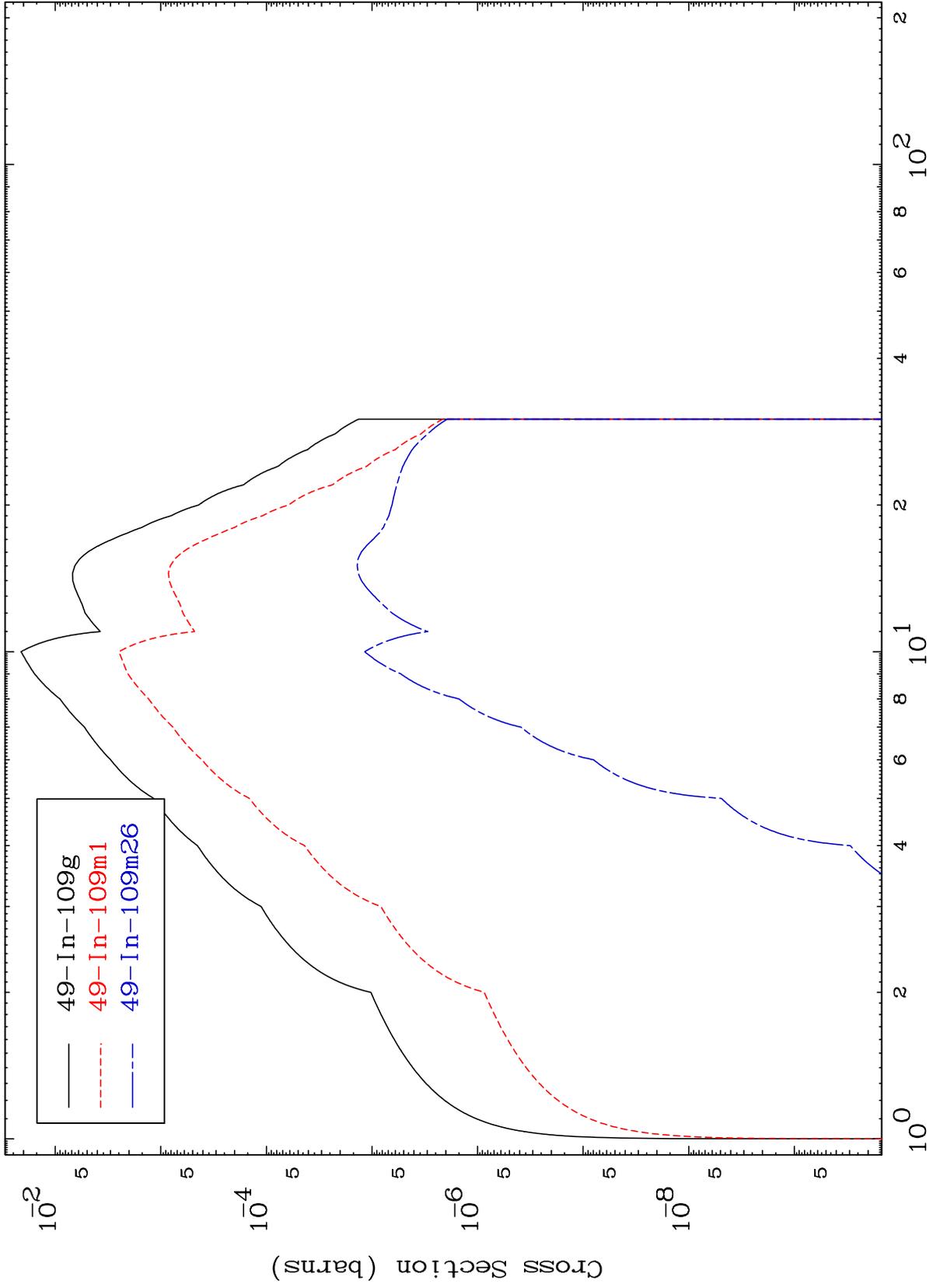
Incident Energy (MeV)

49-In-109

MAT 4913

49-In-109

Radionuclide Production Cross Section (n,γ)



49-In-109g
49-In-109m1
49-In-109m26

Incident Energy (MeV)

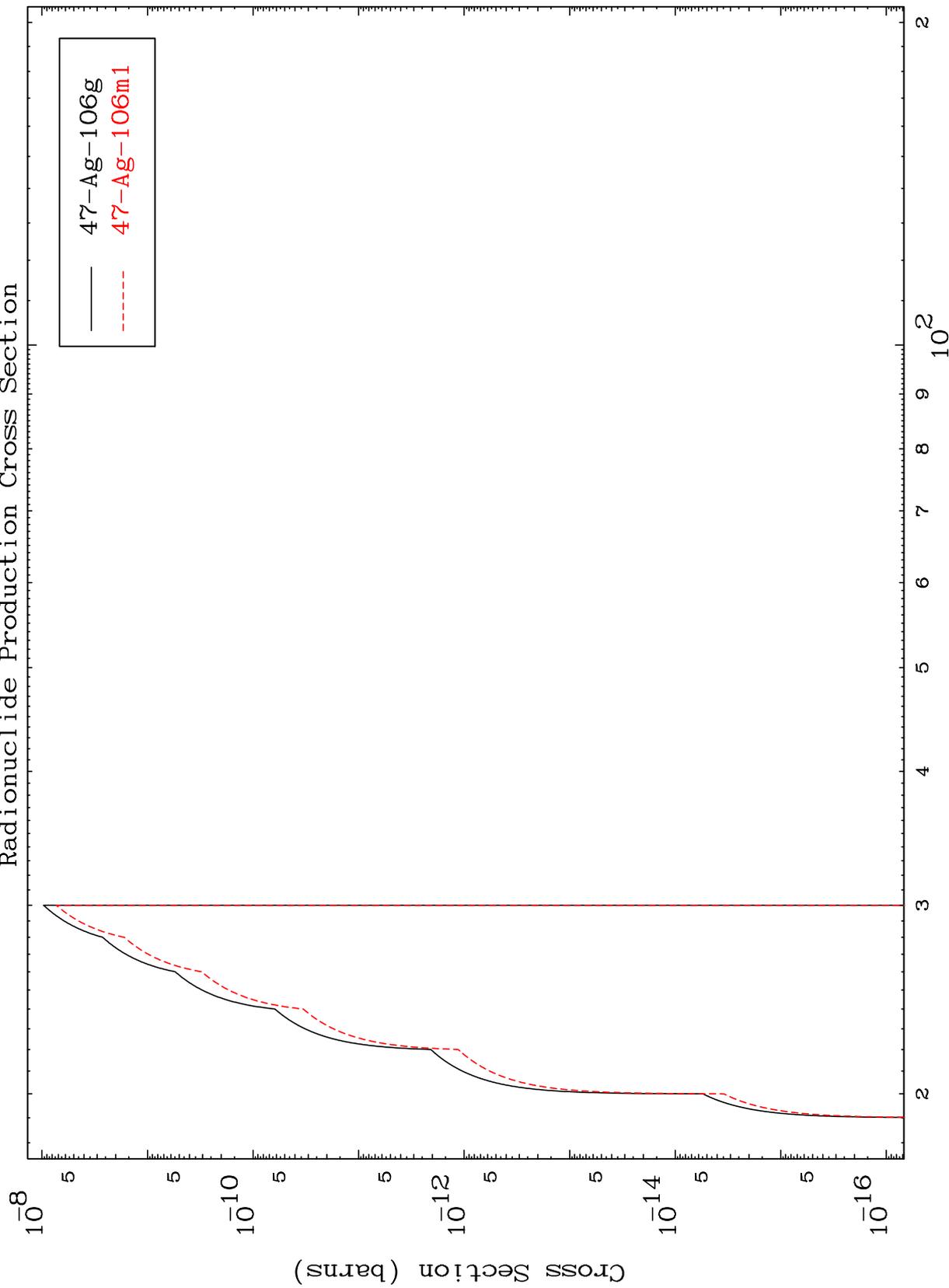
49-In-109

17

MAT 4913

49-In-109

(n,He-3)
Radionuclide Production Cross Section



18

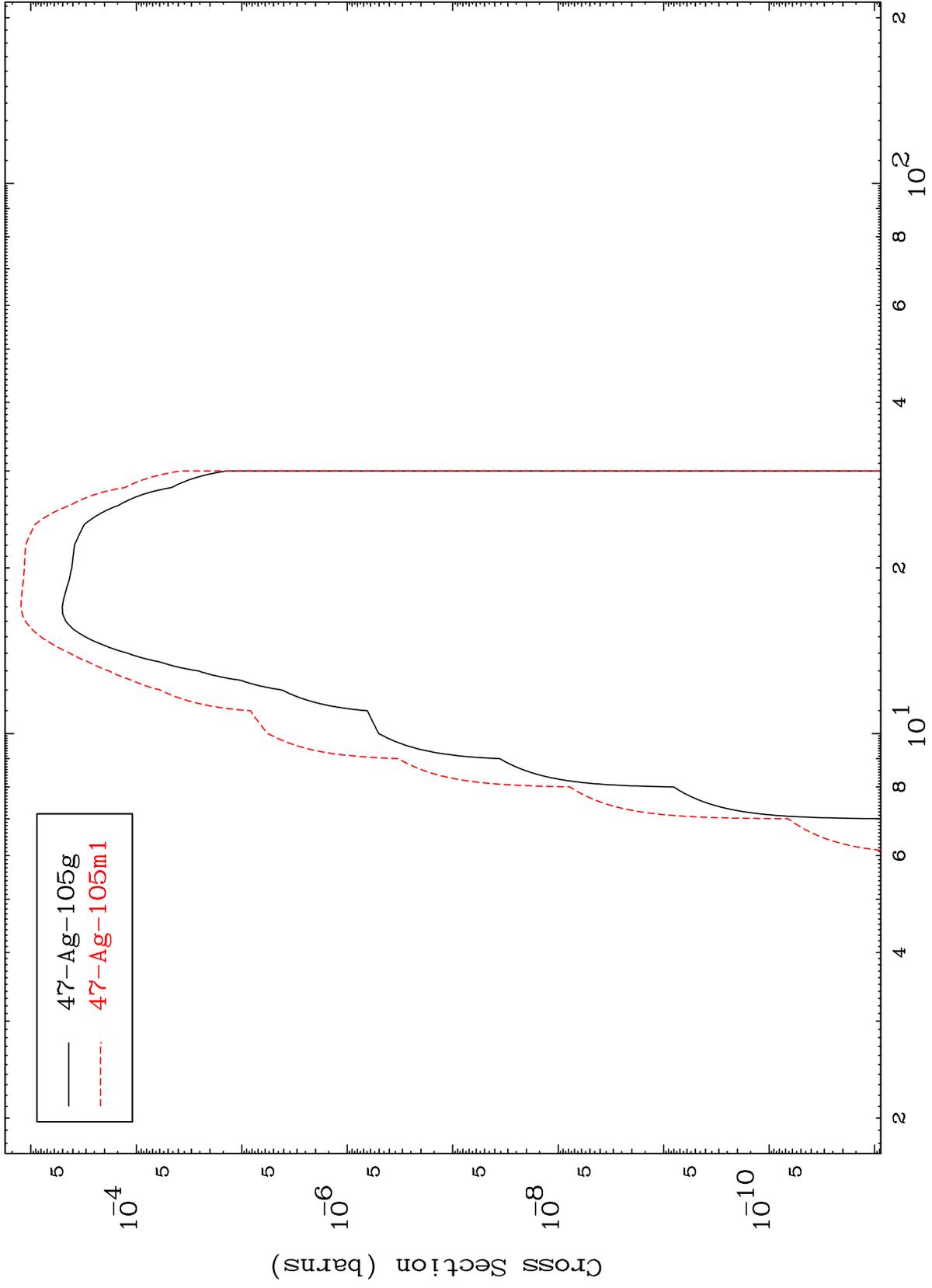
Incident Energy (MeV)

49-In-109

MAT 4913

49-In-109

Radionuclide Production Cross Section
(n, α)



— 47-Ag-105g
- - - 47-Ag-105m1

19

49-In-109

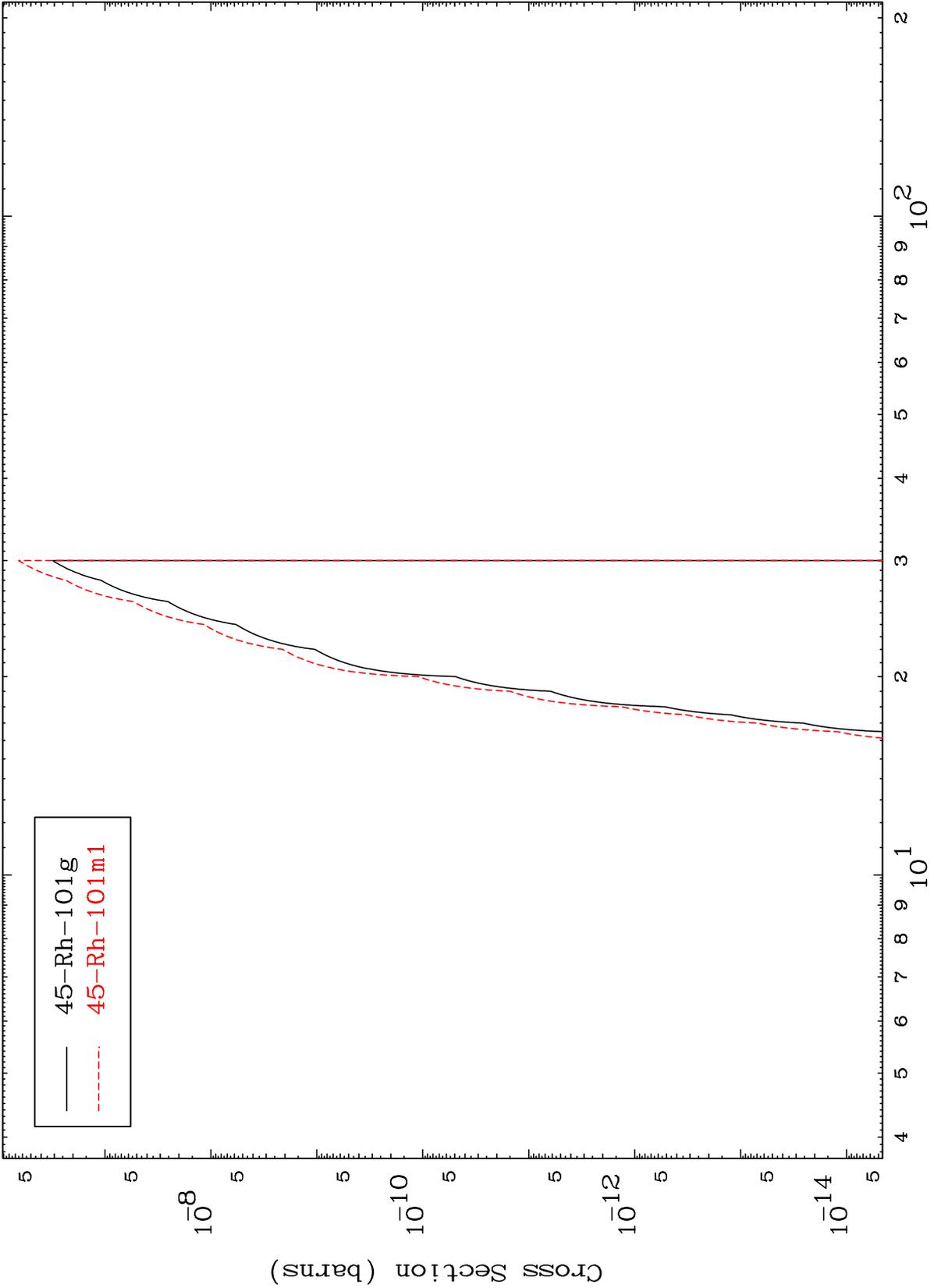
Incident Energy (MeV)

MAT 4913

(n,2α)

49-In-109

Radionuclide Production Cross Section



20

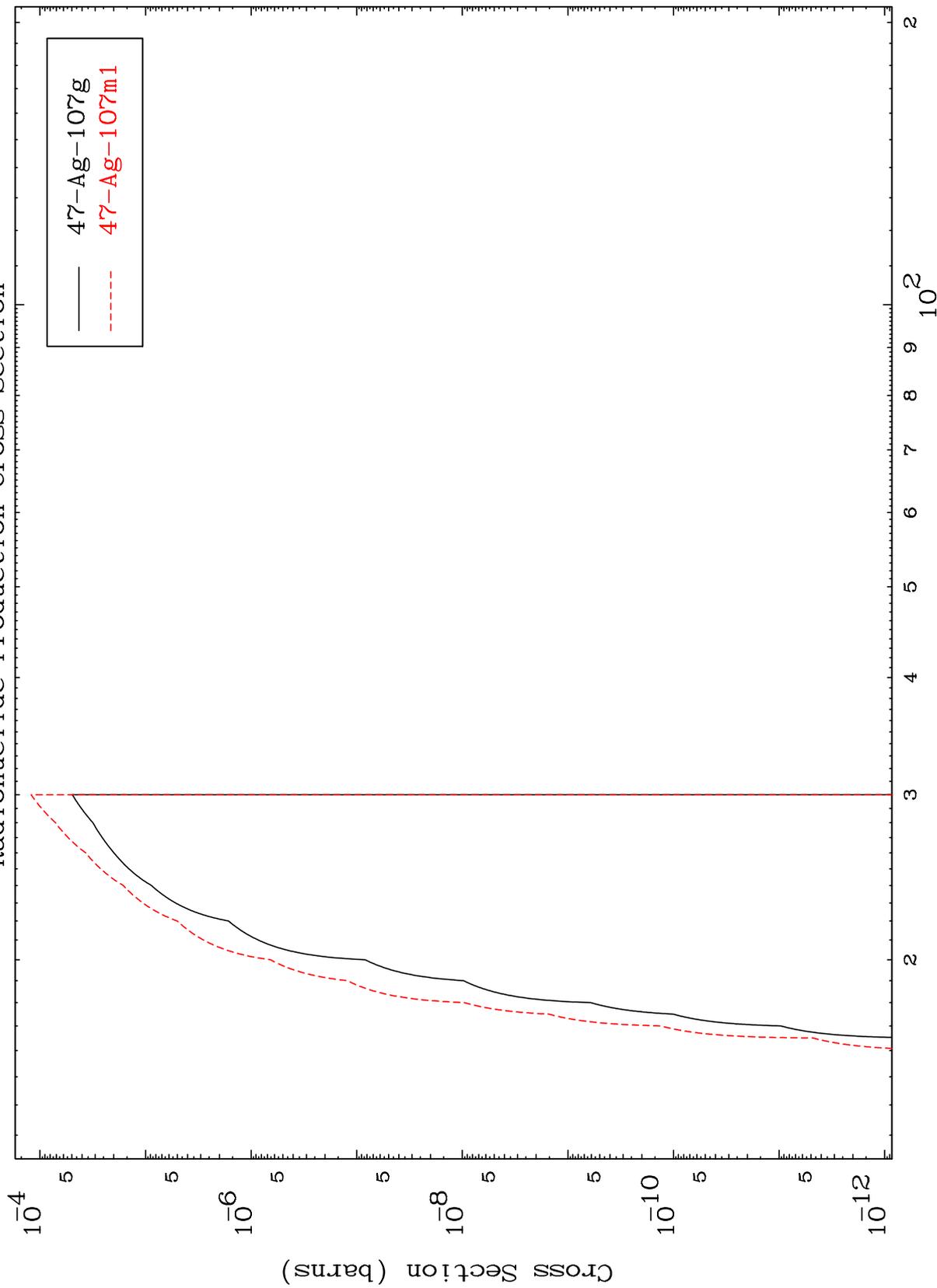
Incident Energy (MeV)

49-In-109

MAT 4913

49-In-109

(n,2p)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

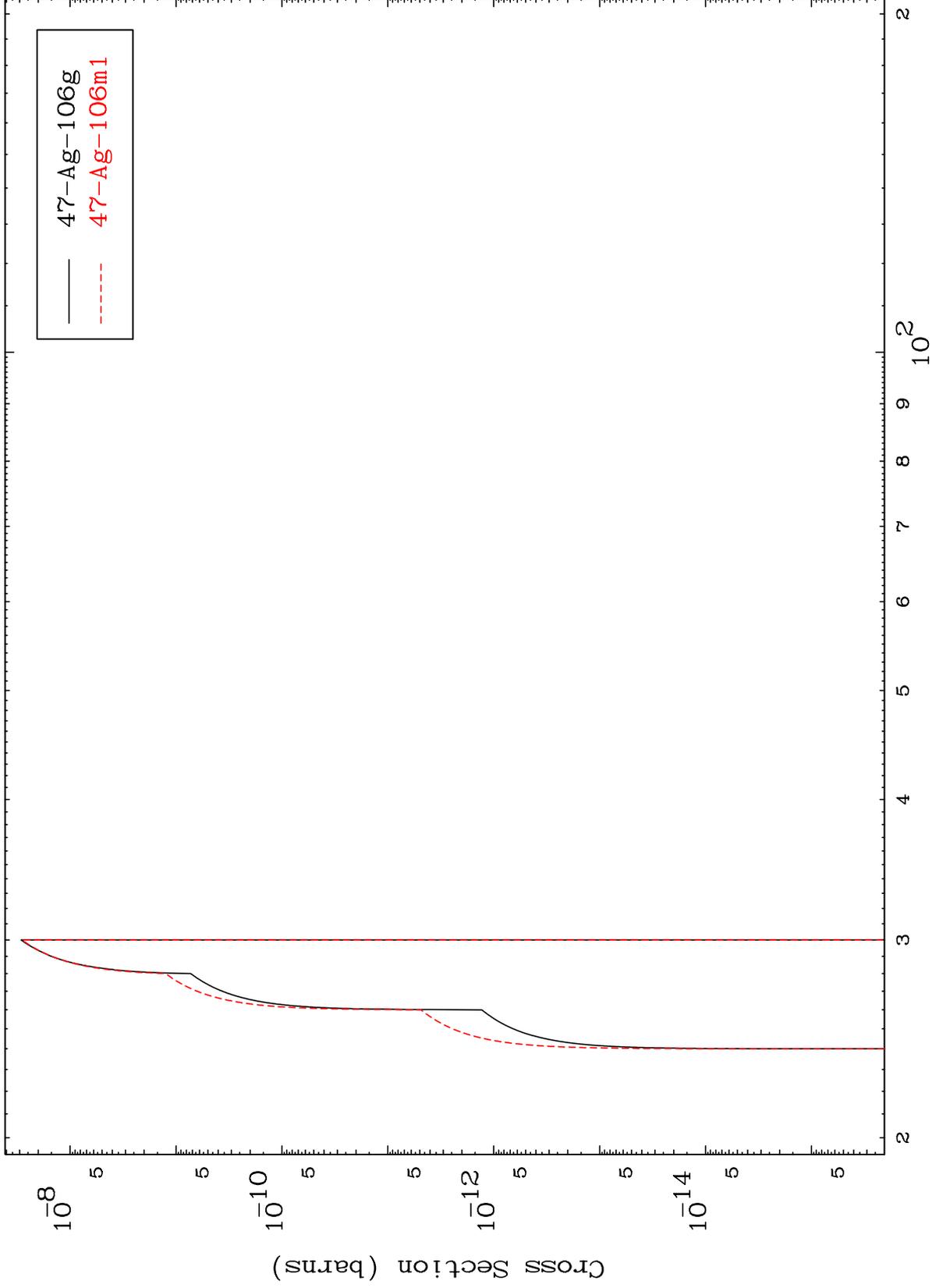
49-In-109

MAT 4913

(n,p) d

49-In-109

Radionuclide Production Cross Section



22

Incident Energy (MeV)

49-In-109

Radionuclide Production Cross Section

