

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

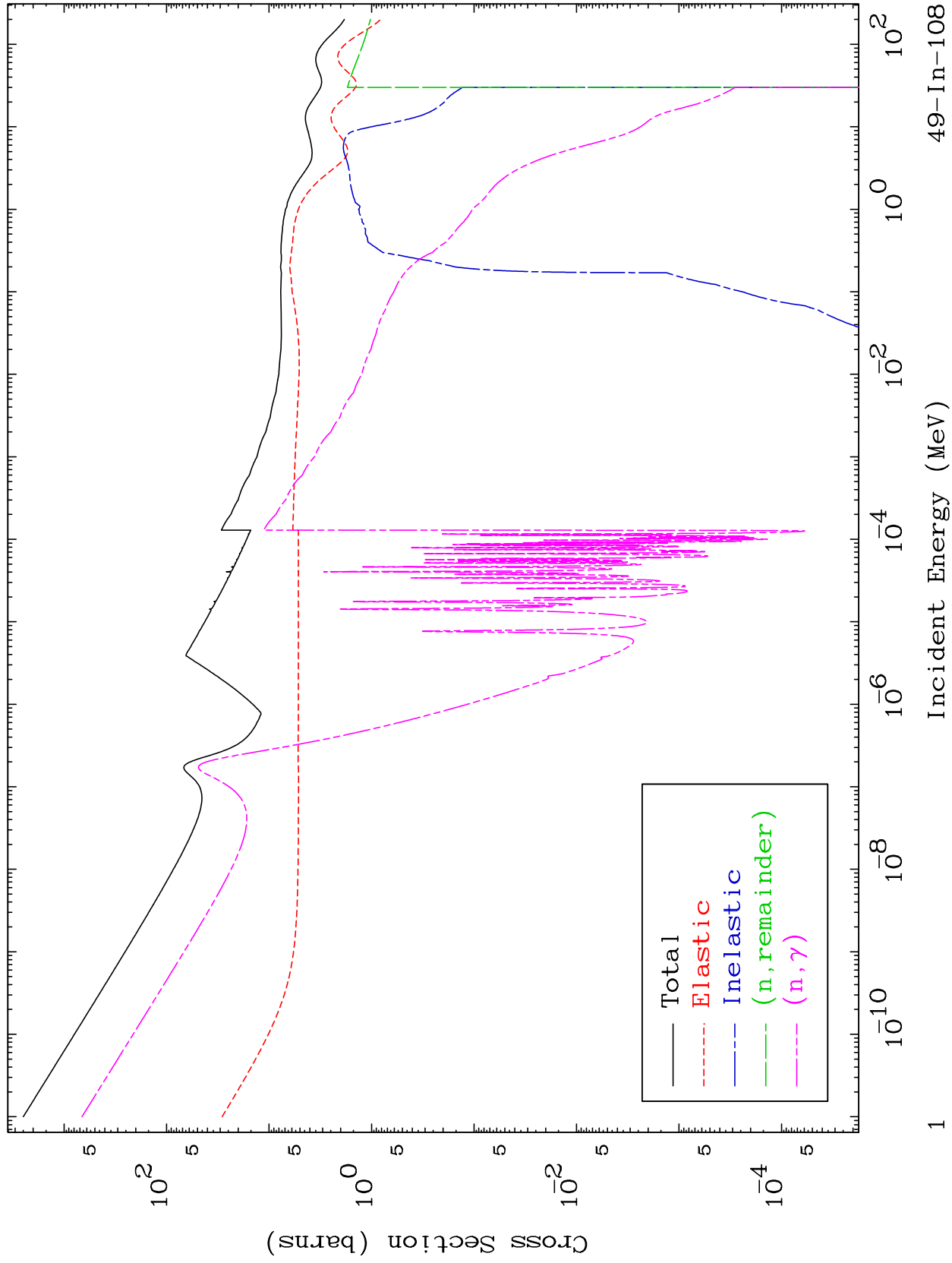
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4911

Major
293 Kelvin Cross Sections

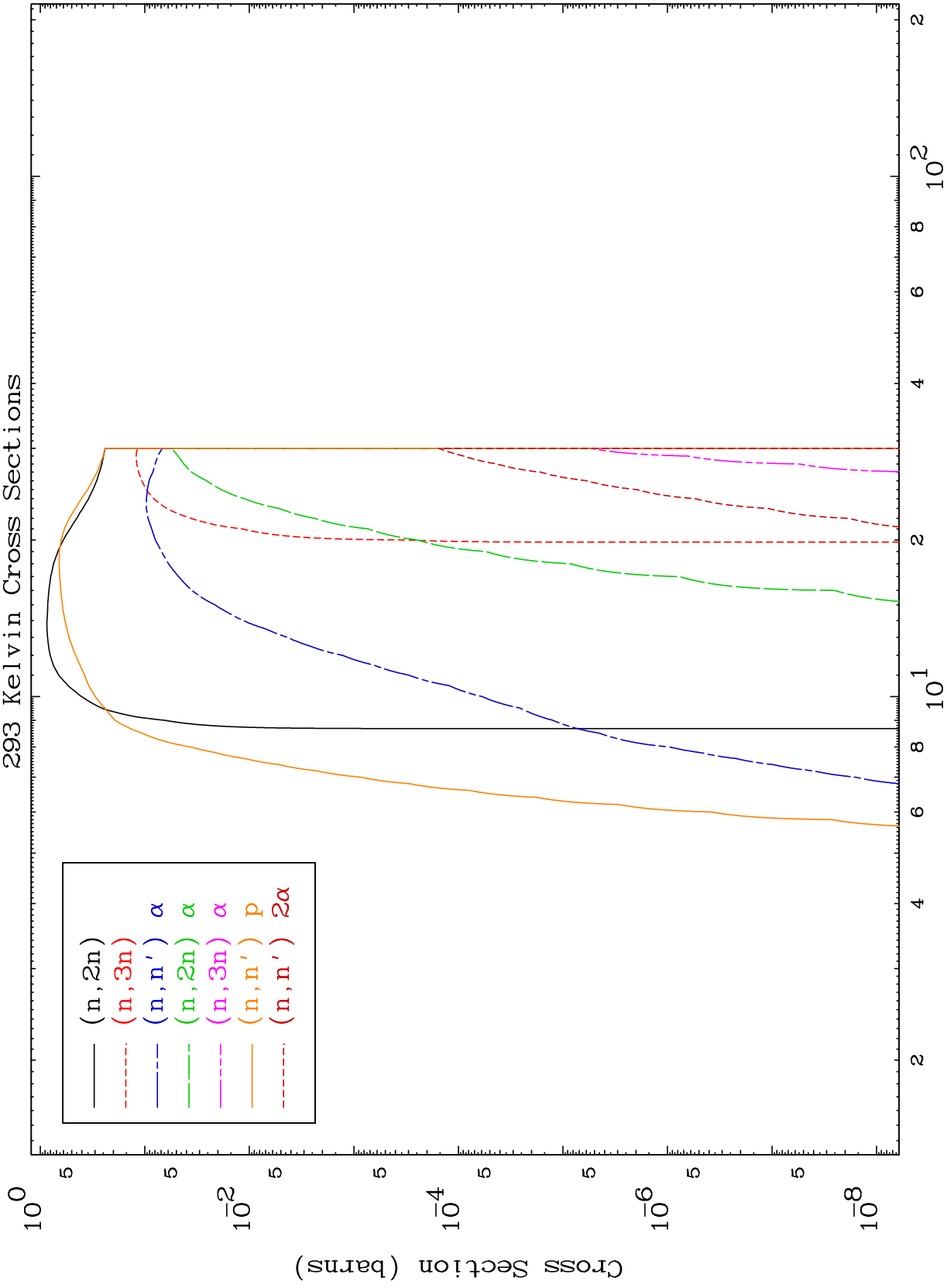
49-In-108



MAT 4911

Neutron Production
293 Kelvin Cross Sections

49-In-108



2

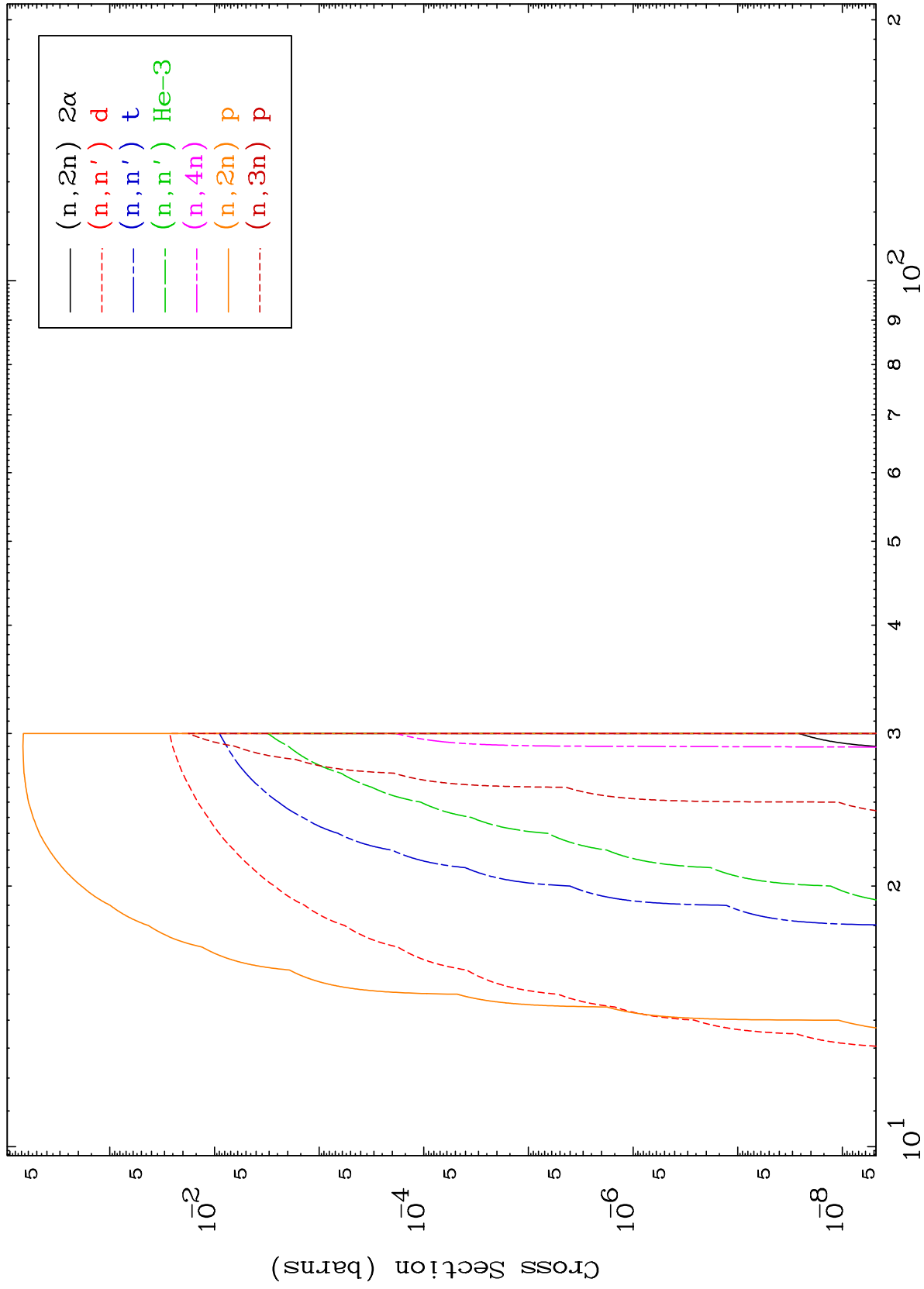
Incident Energy (MeV)

49-In-108

MAT 4911

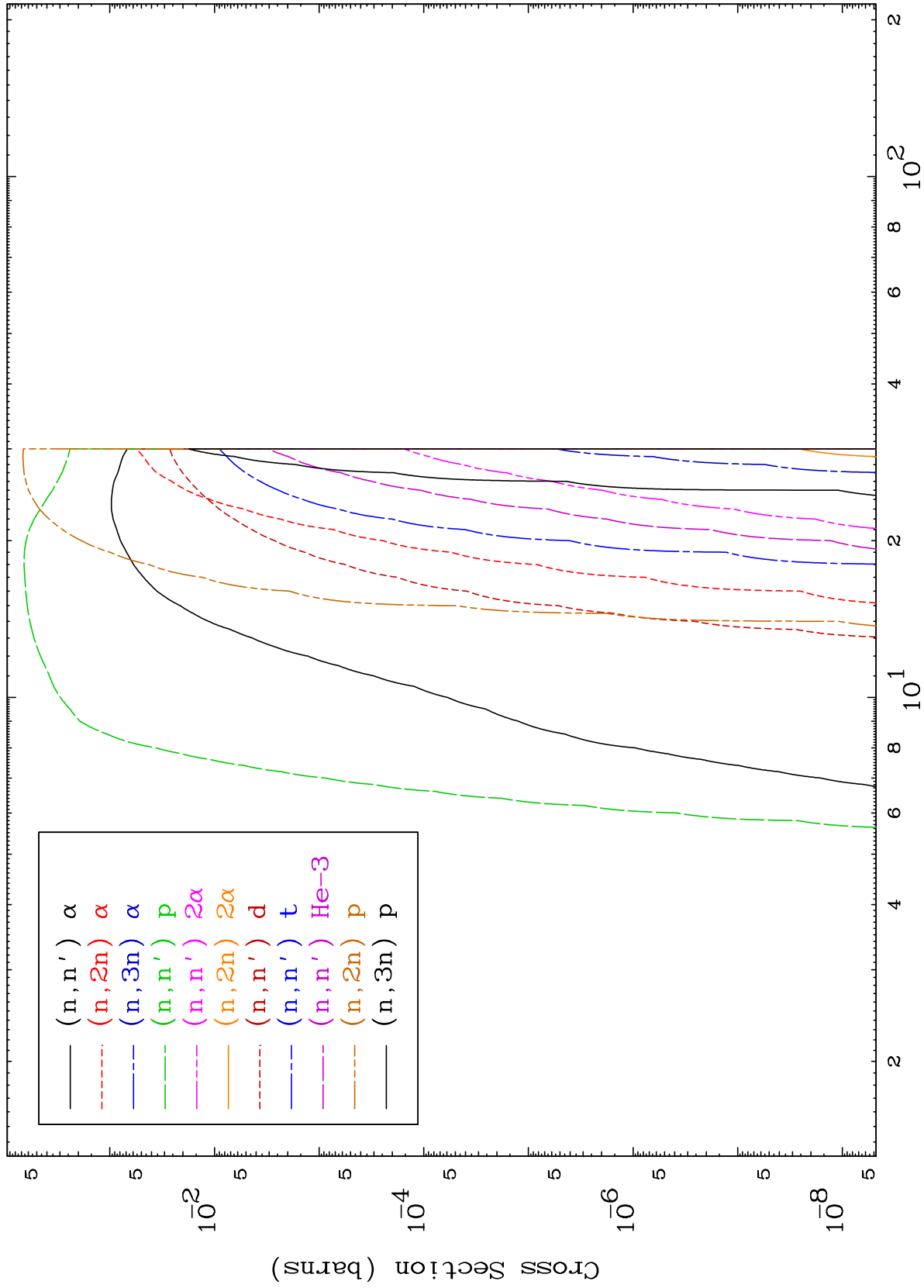
Neutron Production
293 Kelvin Cross Sections

49-In-108



Incident Energy (MeV)

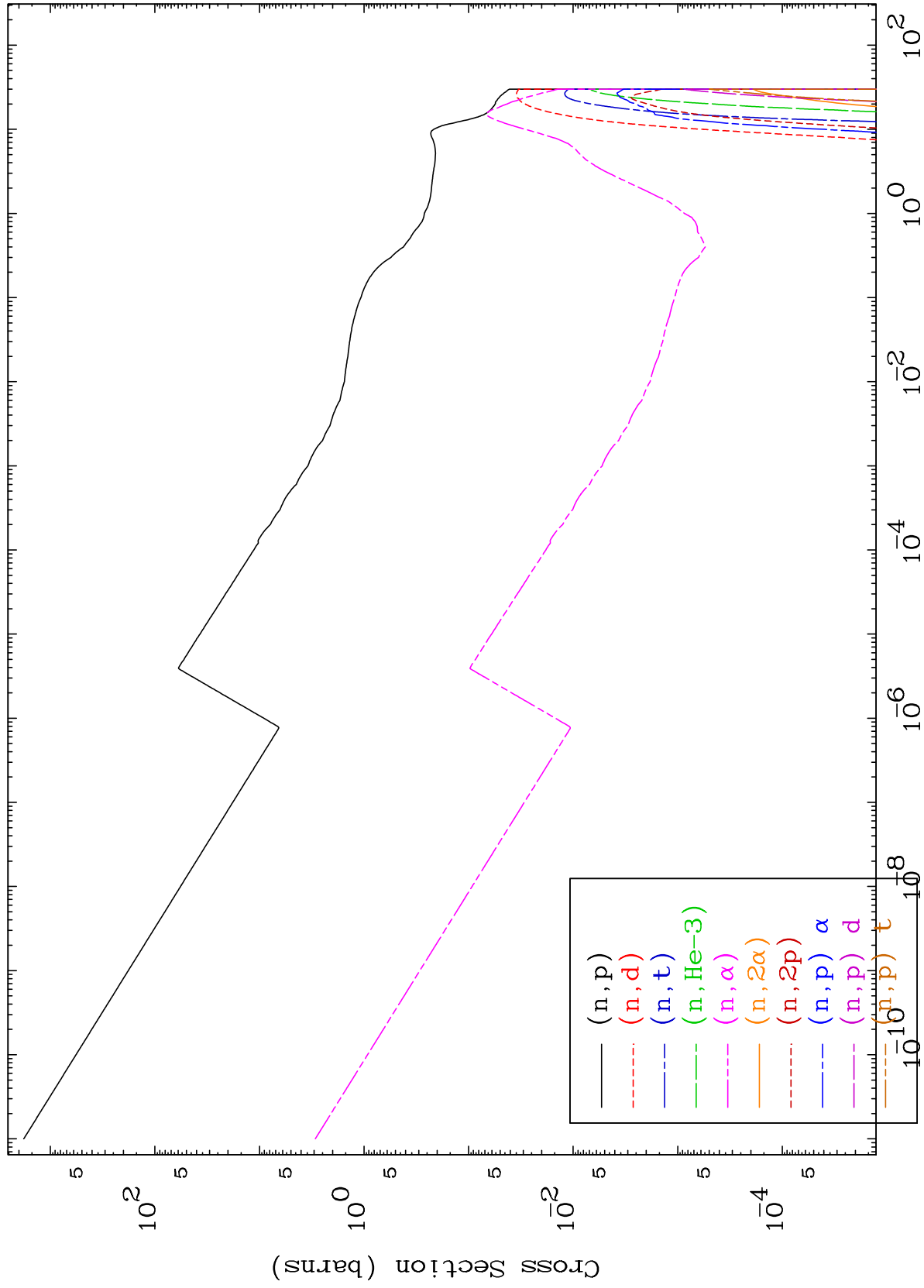
49-In-108

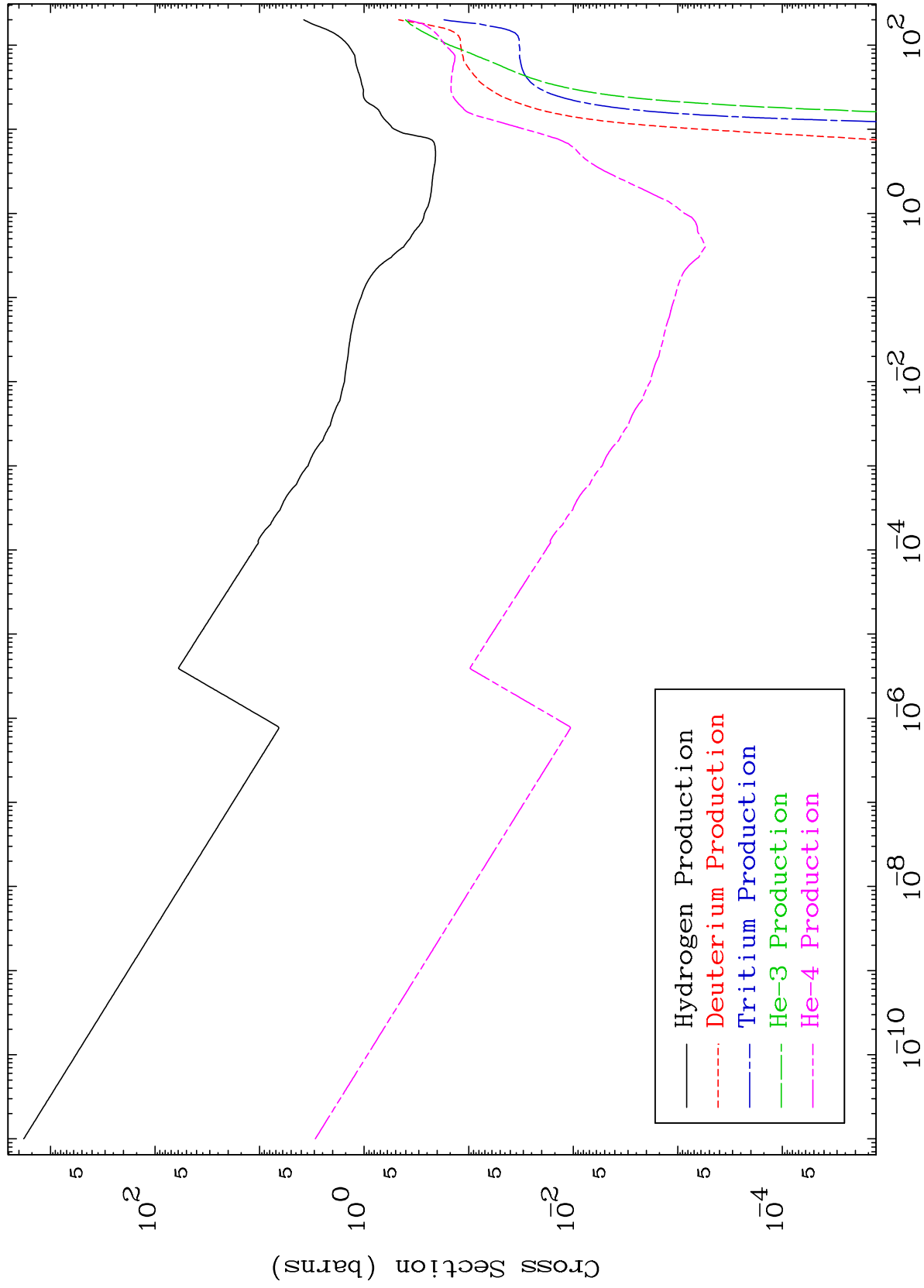


MAT 4911

Charged Particle
293 Kelvin Cross Sections

49-In-108

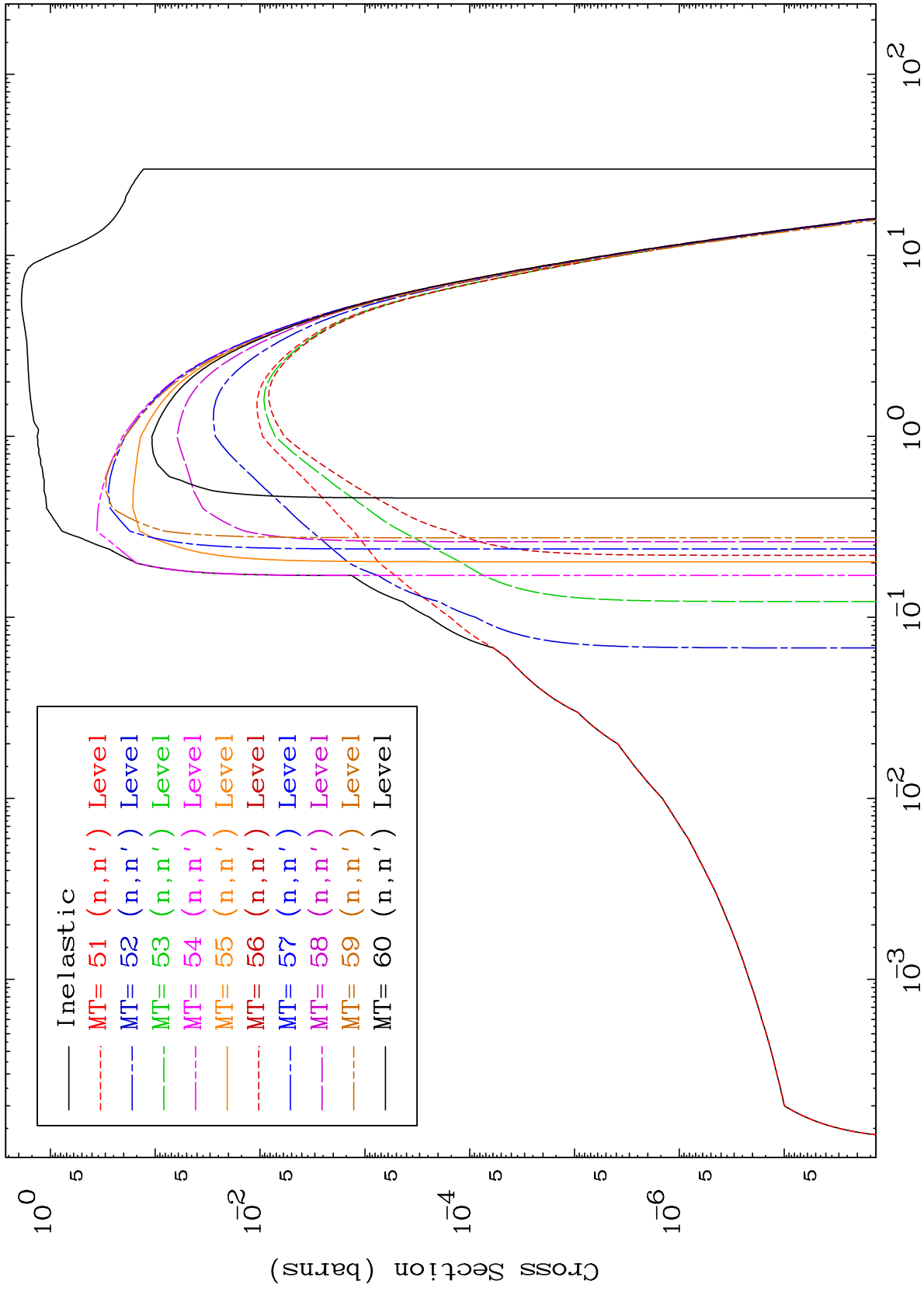




MAT 4911

293 Kelvin Cross Sections
(n,n') Level

49-In-108

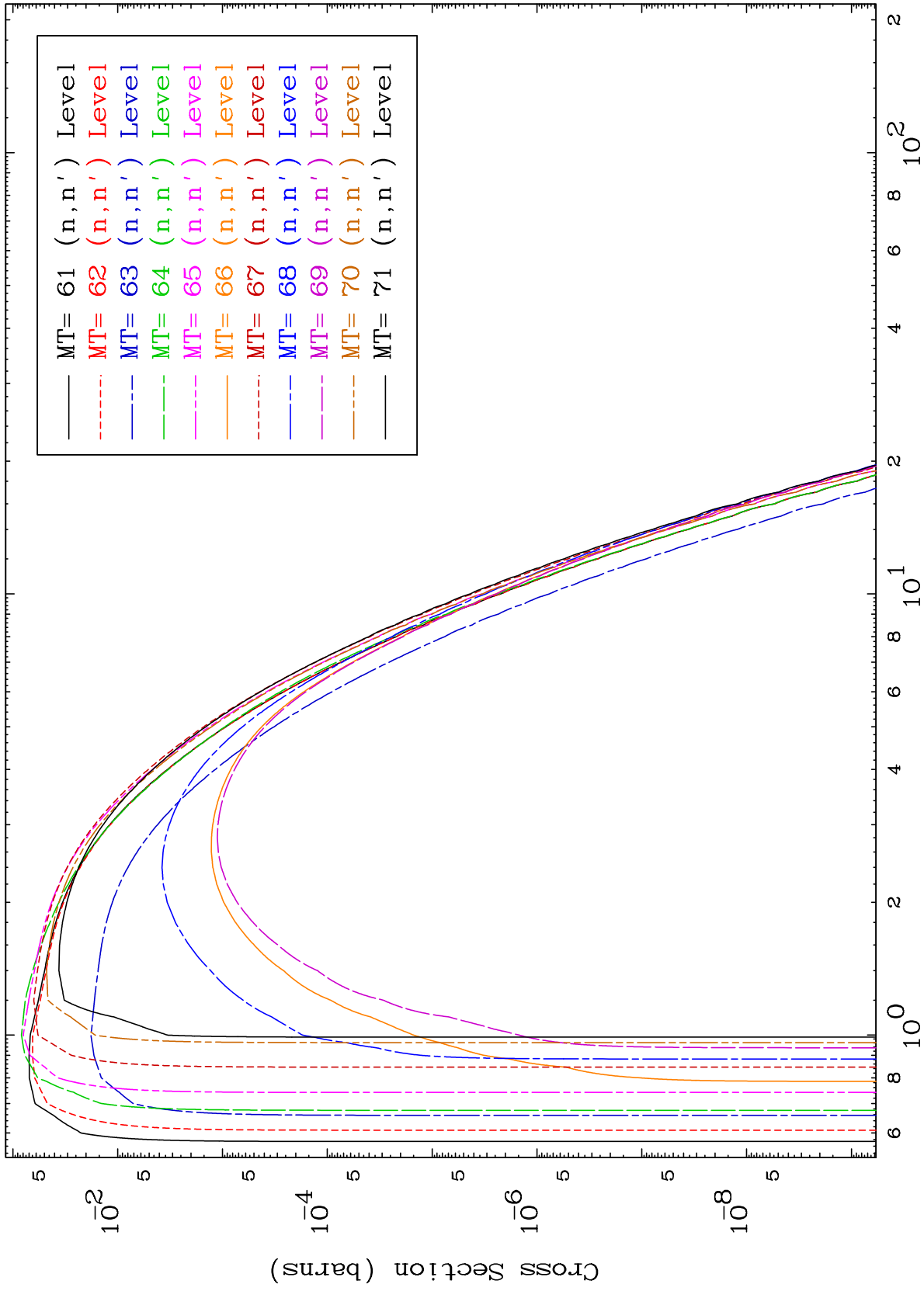


MAT 4911

(n,n') Level

49-In-108

293 Kelvin Cross Sections



8

Incident Energy (MeV)

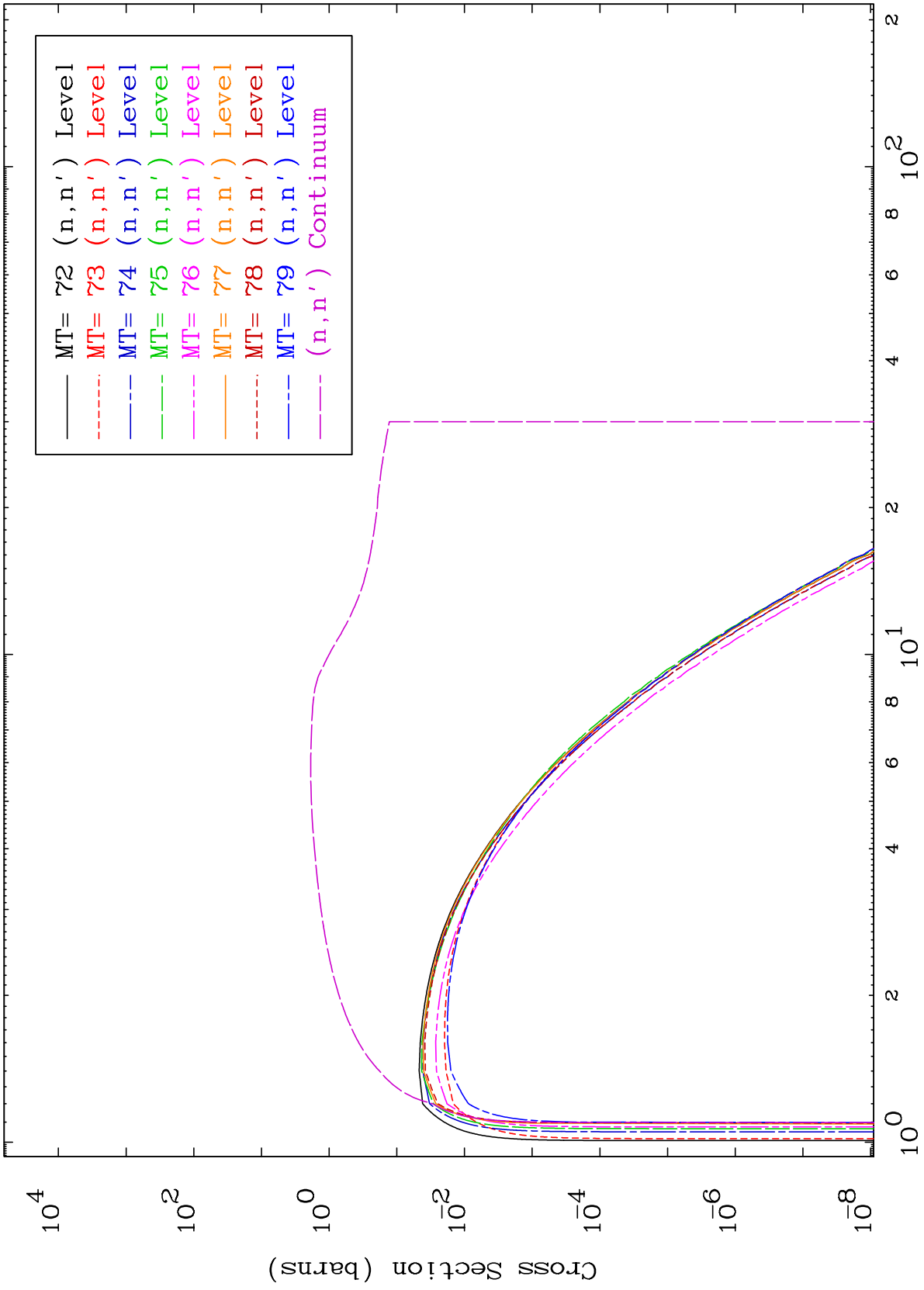
49-In-108

MAT 4911

(n,n') Level

49-In-108

293 Kelvin Cross Sections



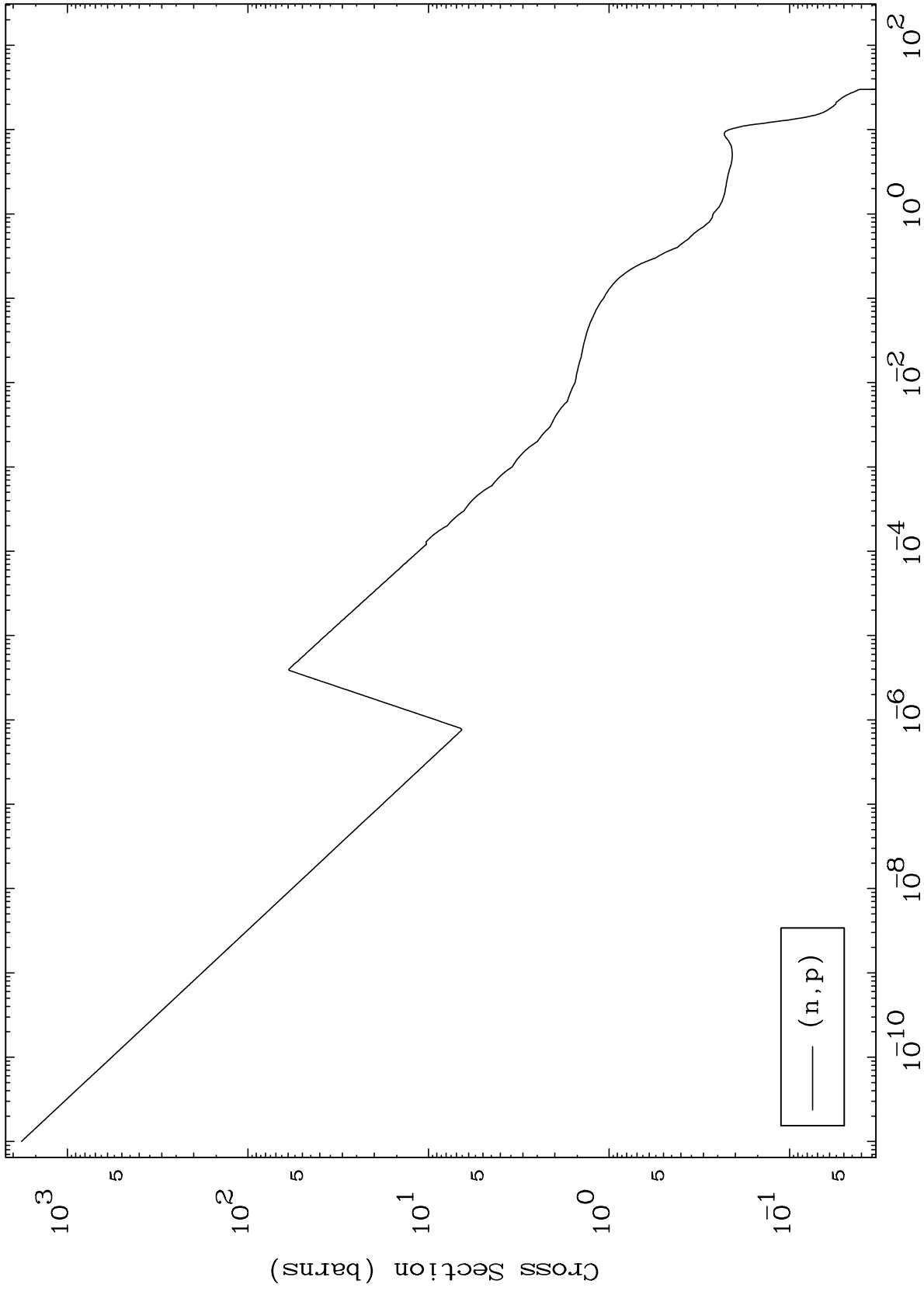
Incident Energy (MeV)

49-In-108

MAT 4911

(n,p) Levels
293 Kelvin Cross Sections

49-In-108



10

Incident Energy (MeV)

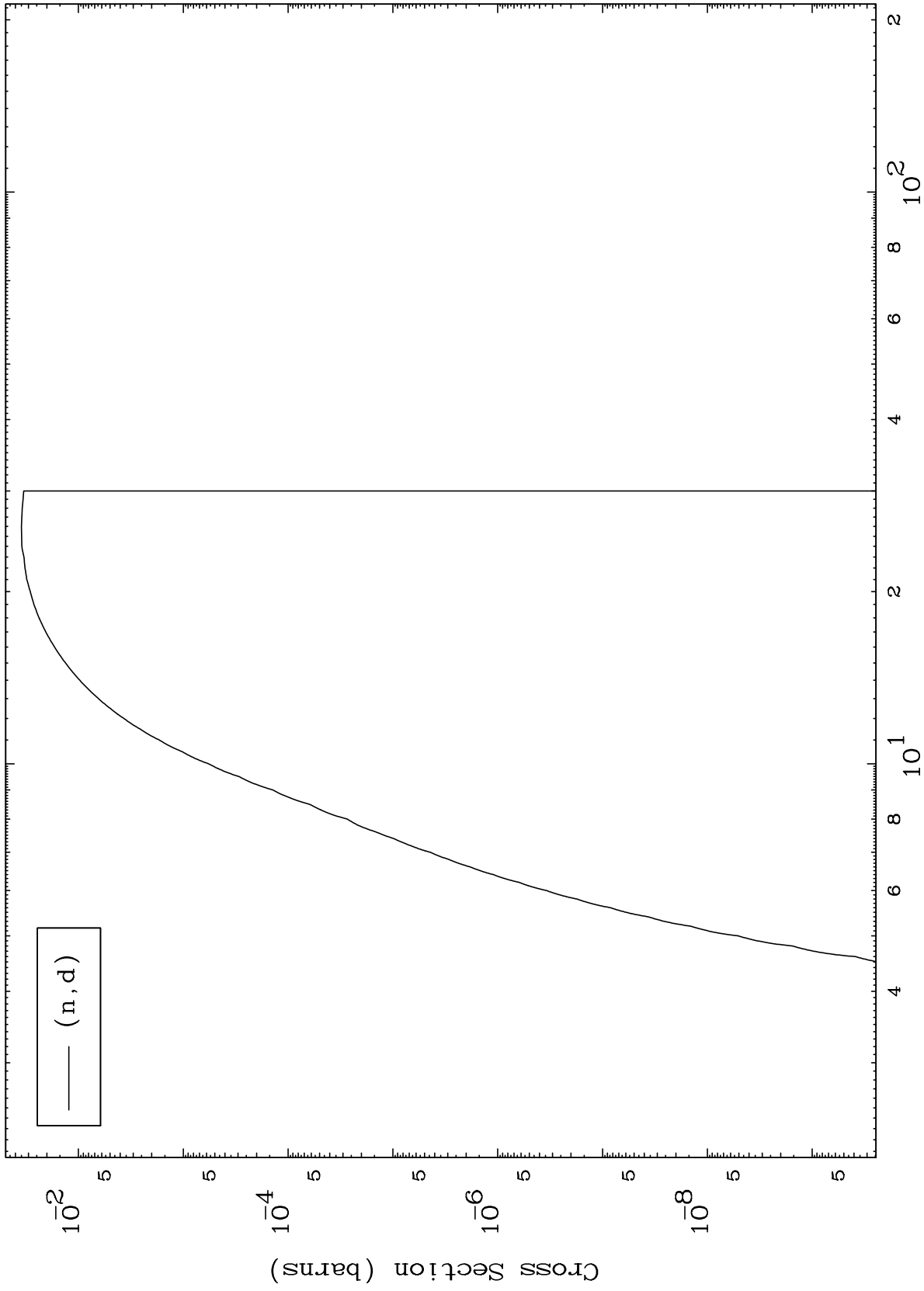
49-In-108

— (n,p)

MAT 4911

(n,d) Levels
293 Kelvin Cross Sections

49-In-108



11

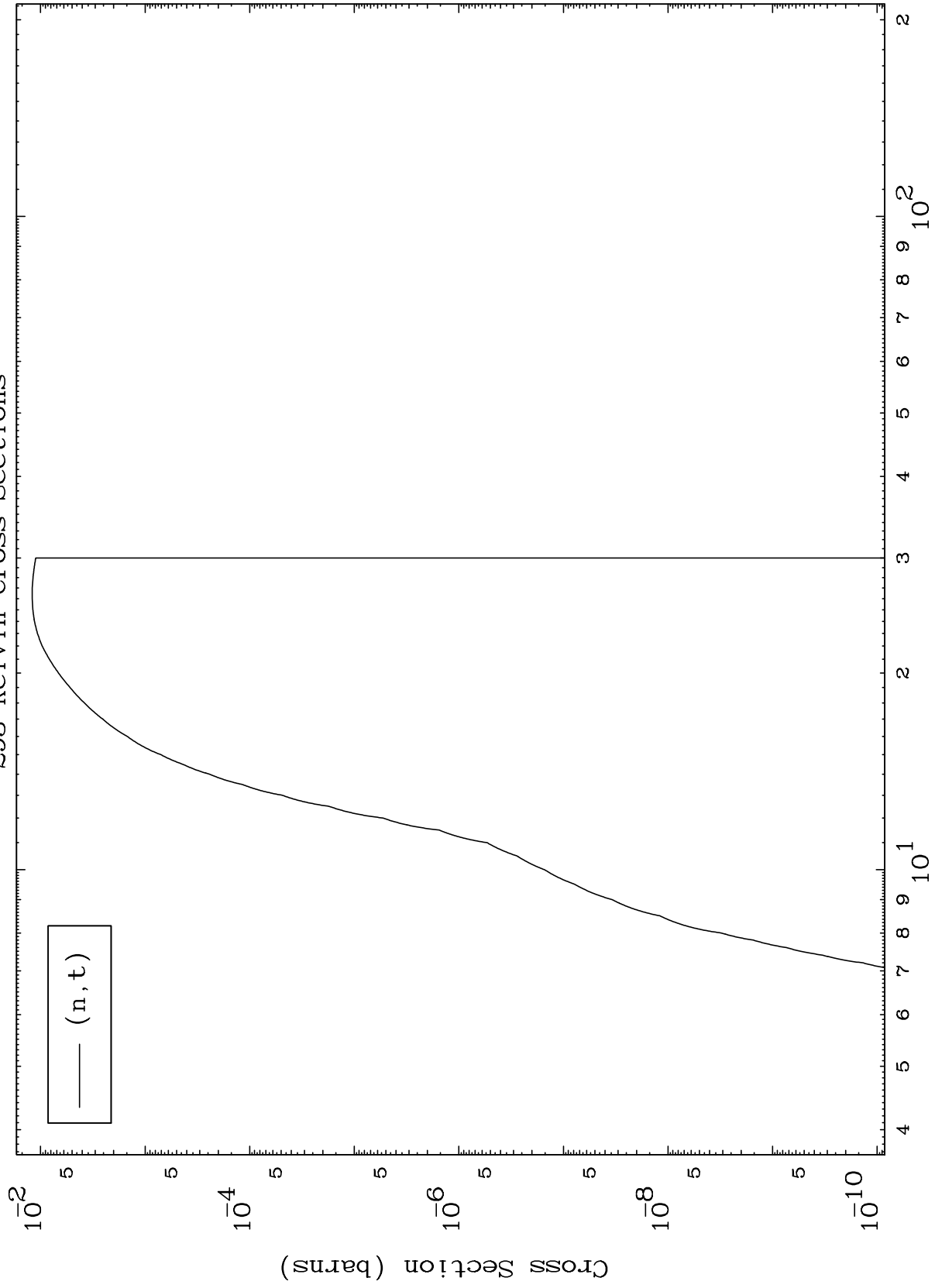
Incident Energy (MeV)

49-In-108

MAT 4911

(n,t) Levels
293 Kelvin Cross Sections

49-In-108



12

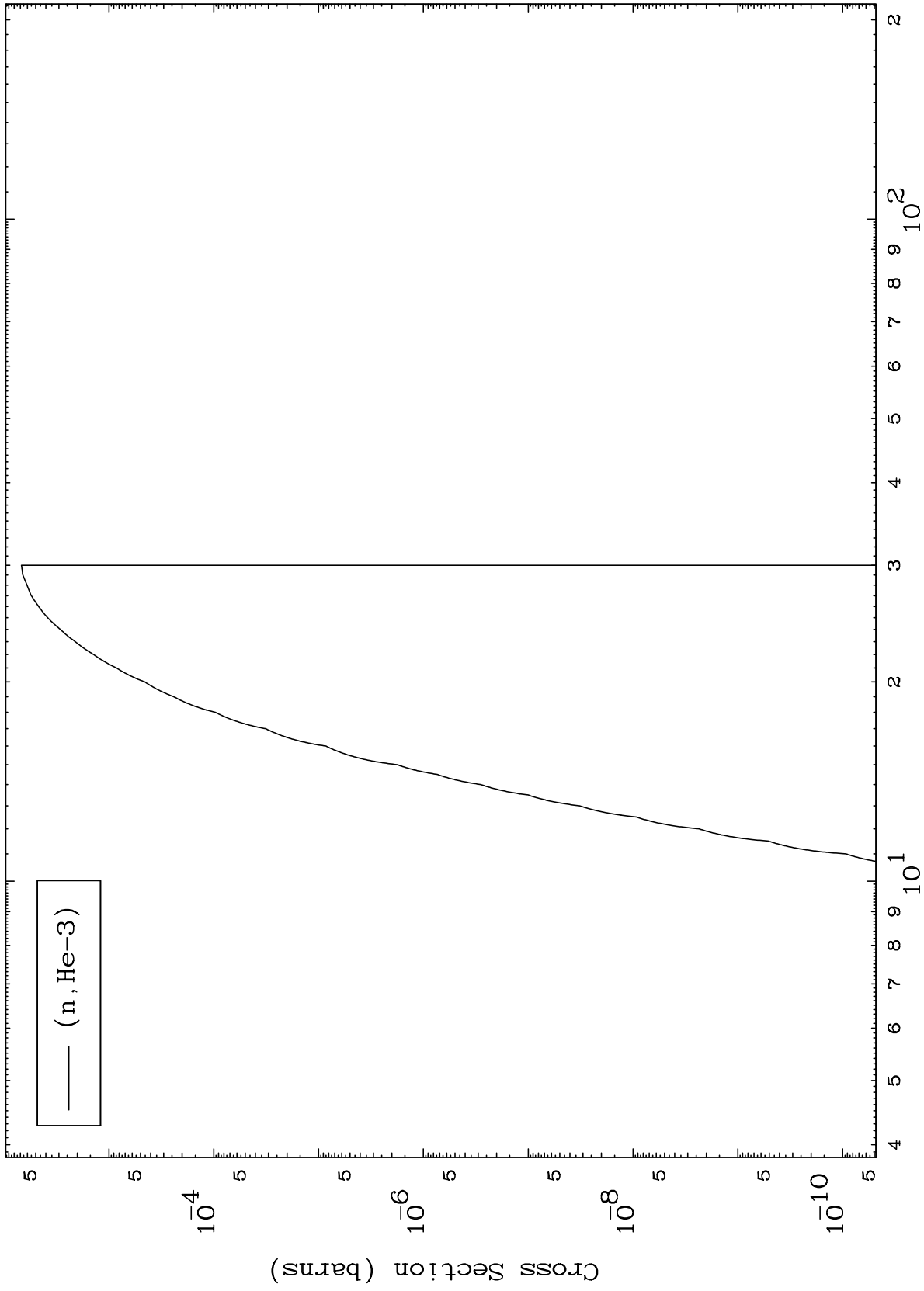
Incident Energy (MeV)

49-In-108

MAT 4911

(n,He3) Levels
293 Kelvin Cross Sections

49-In-108



13

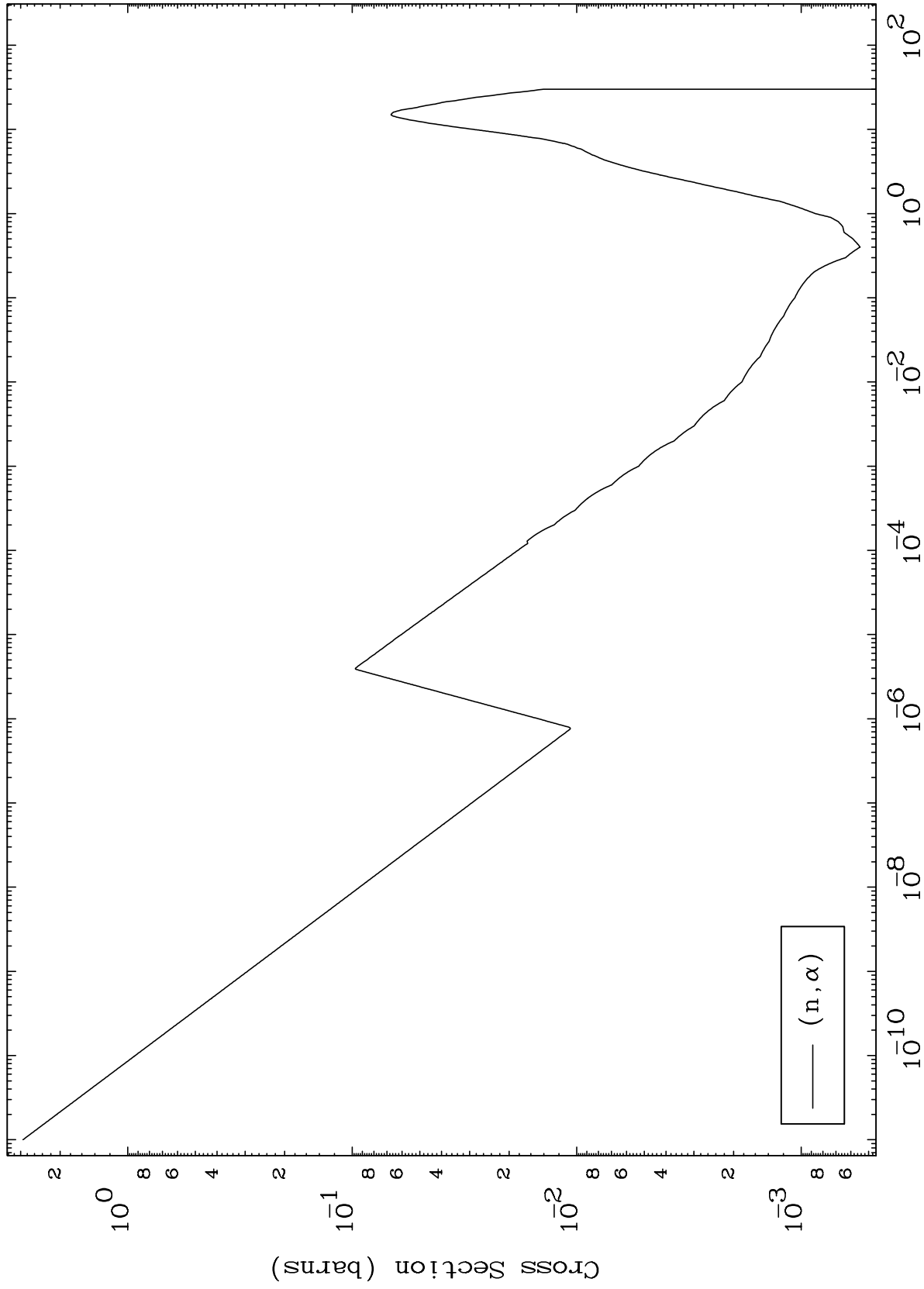
Incident Energy (MeV)

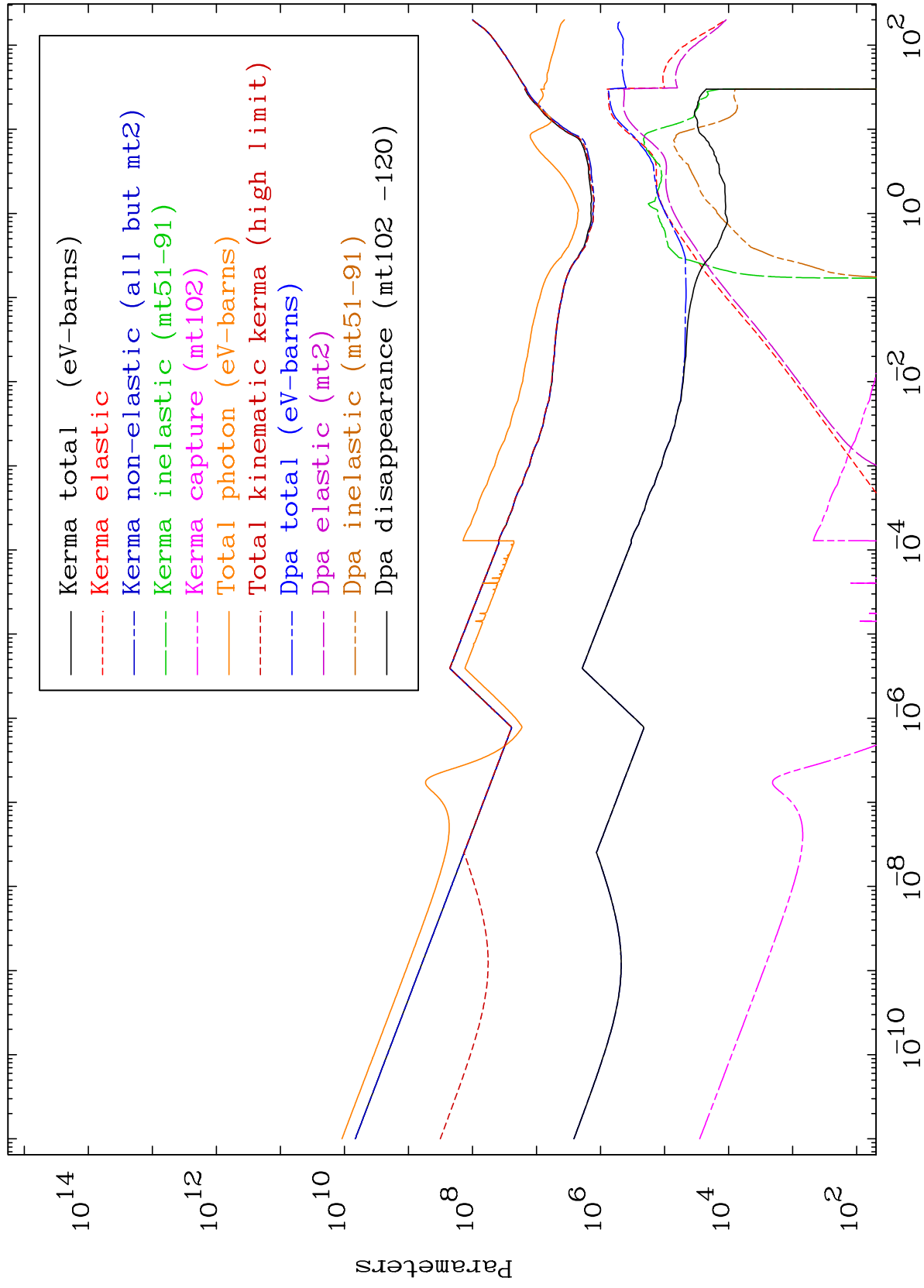
49-In-108

MAT 4911

(n,α) Levels
293 Kelvin Cross Sections

49-In-108

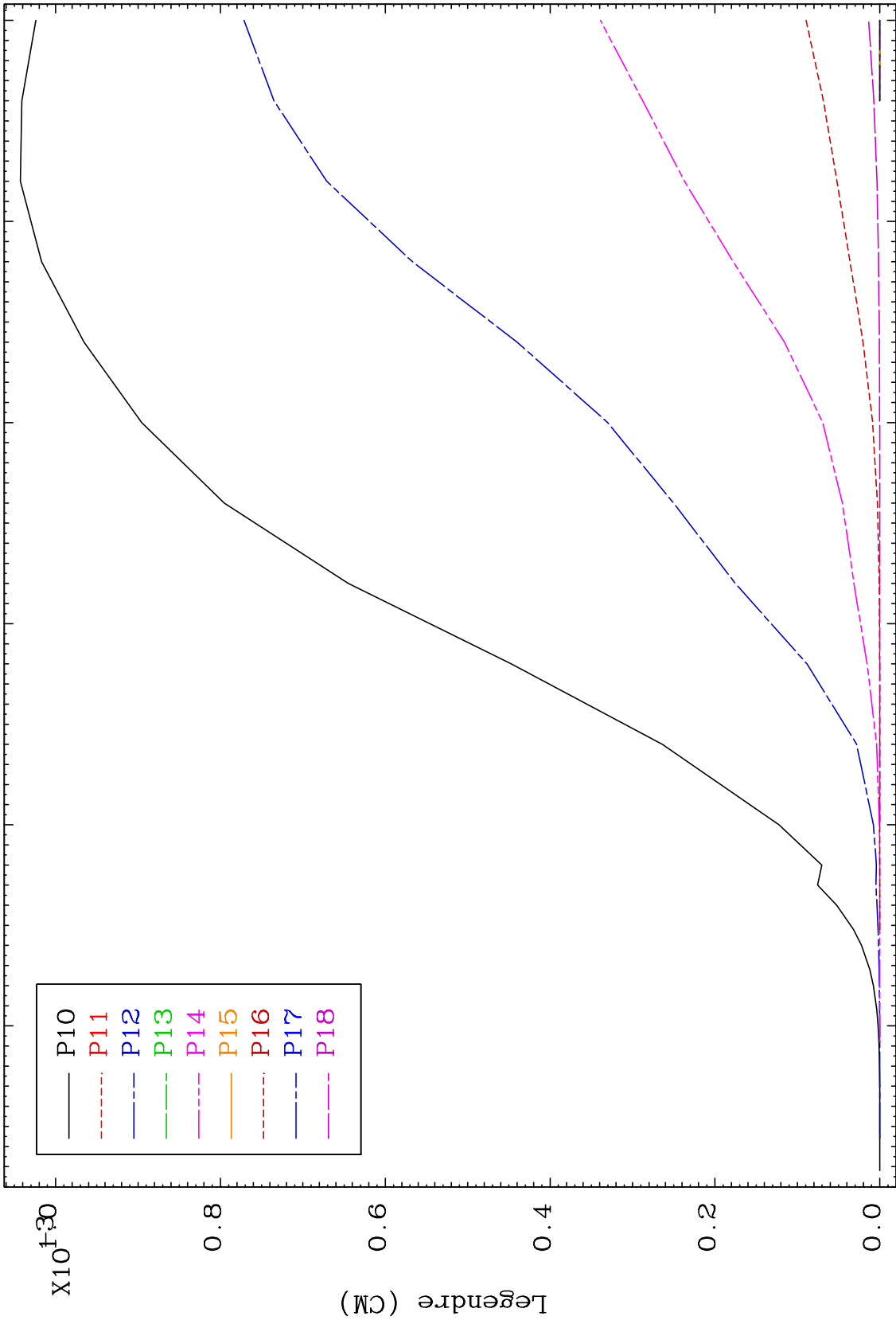




MAT 4911

Elastic Legendre Coefficients

49-In-108



17

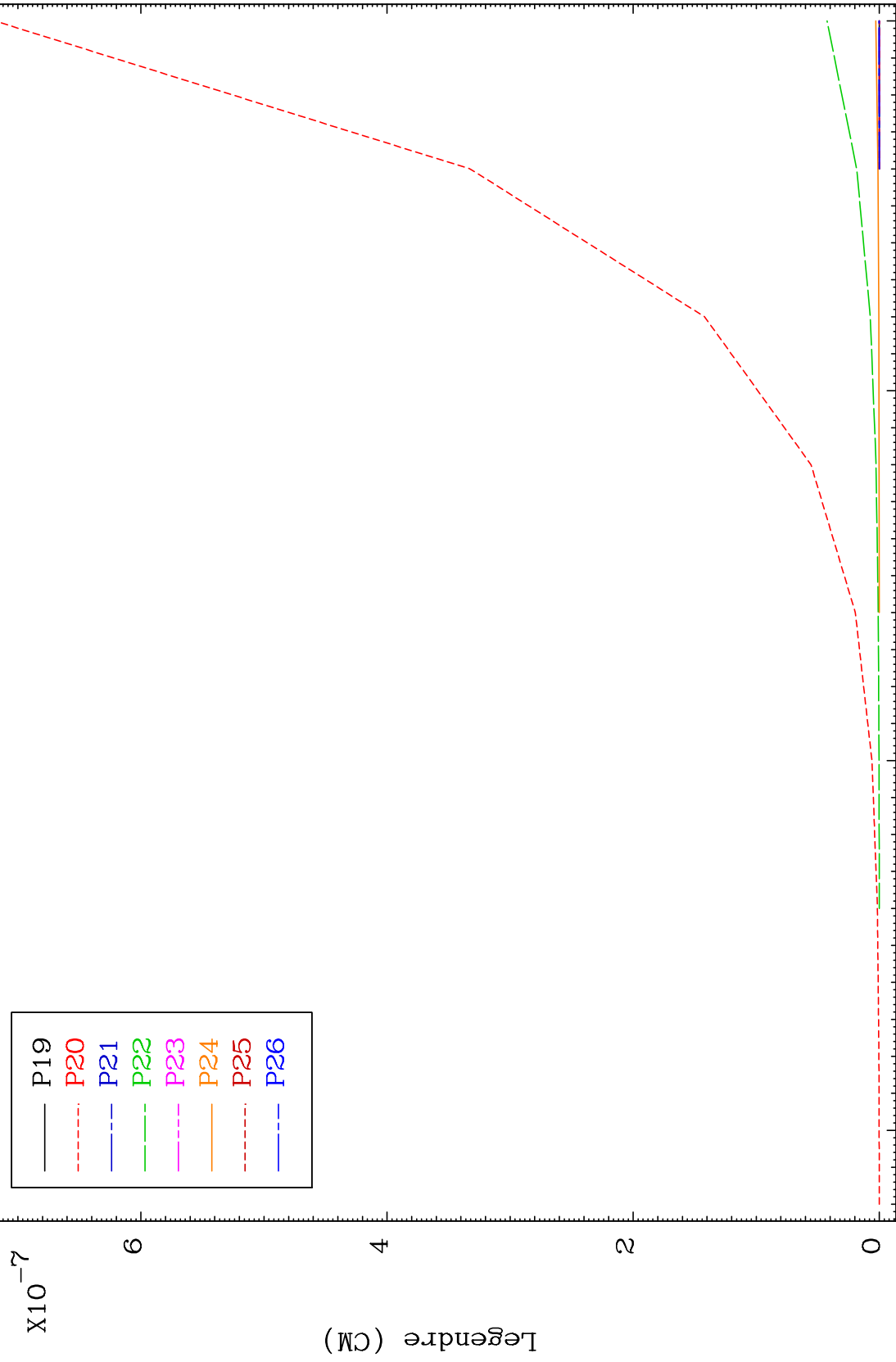
Incident Energy (MeV)

49-In-108

MAT 4911

Elastic Legendre Coefficients

49-In-108



18

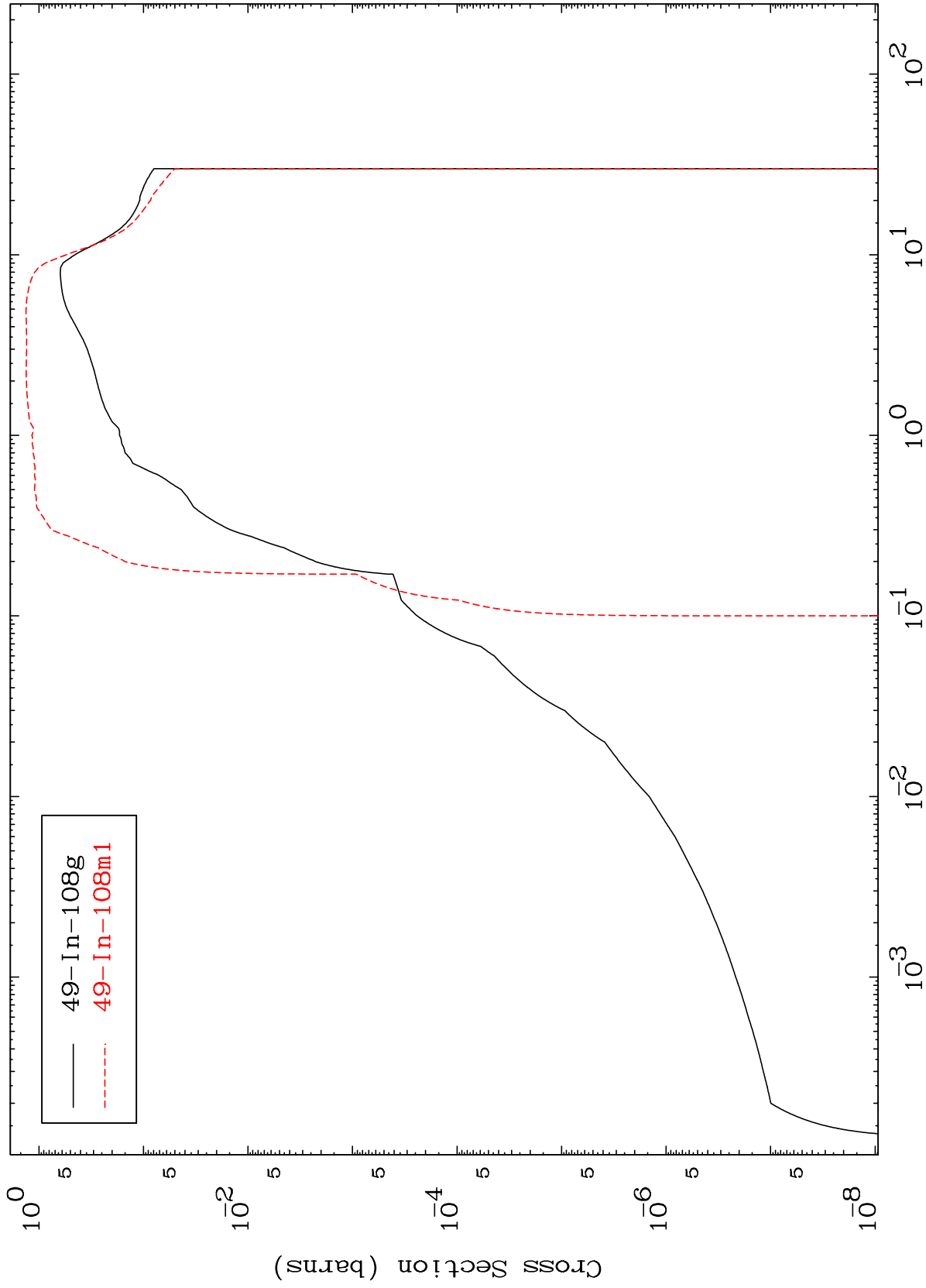
Incident Energy (MeV)

49-In-108

MAT 4911

49-In-108

Inelastic
Radionuclide Production Cross Section



— 49-In-108g
- - - 49-In-108m1

19

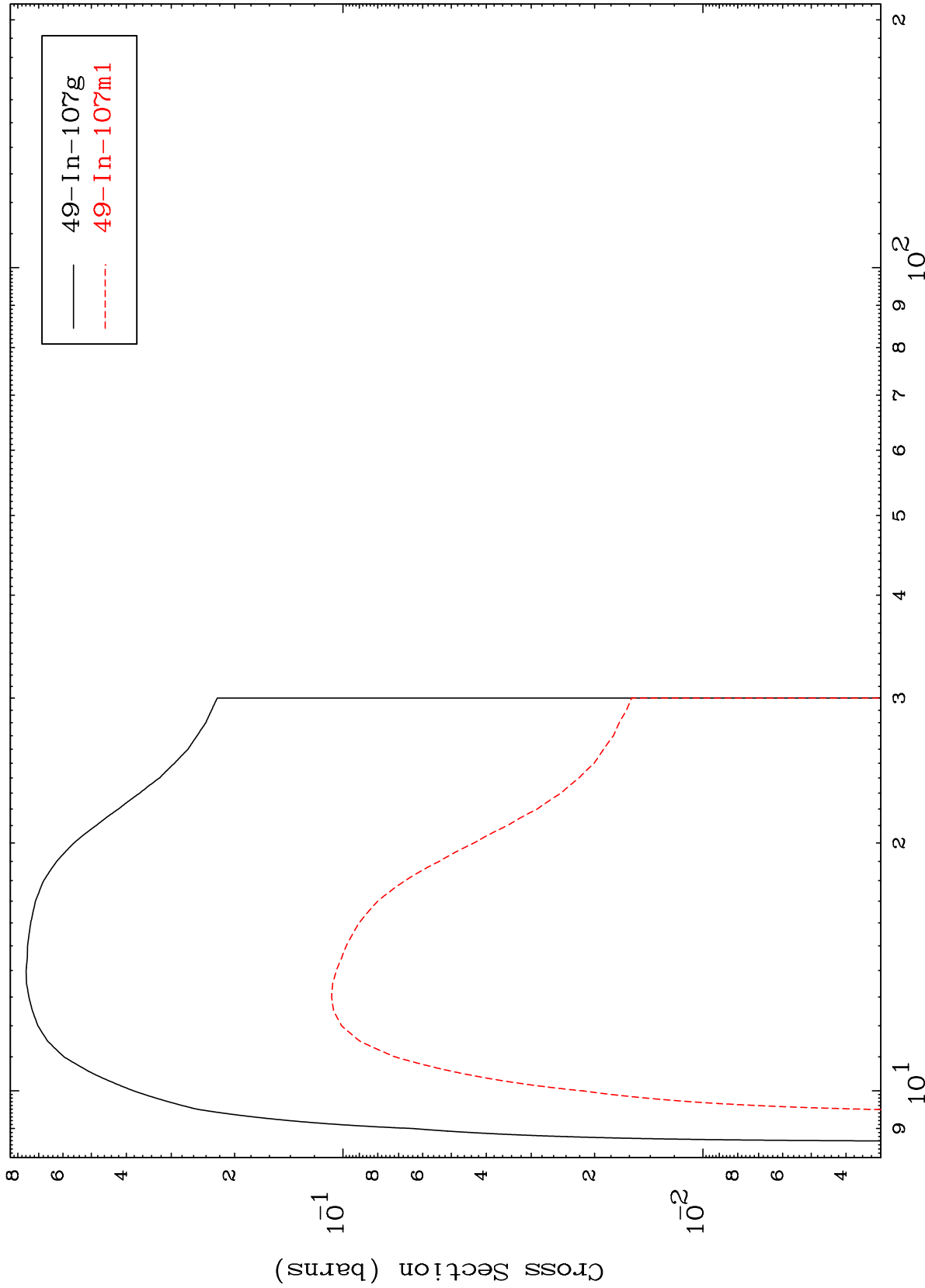
49-In-108

MAT 4911

(n,2n)

49-In-108

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

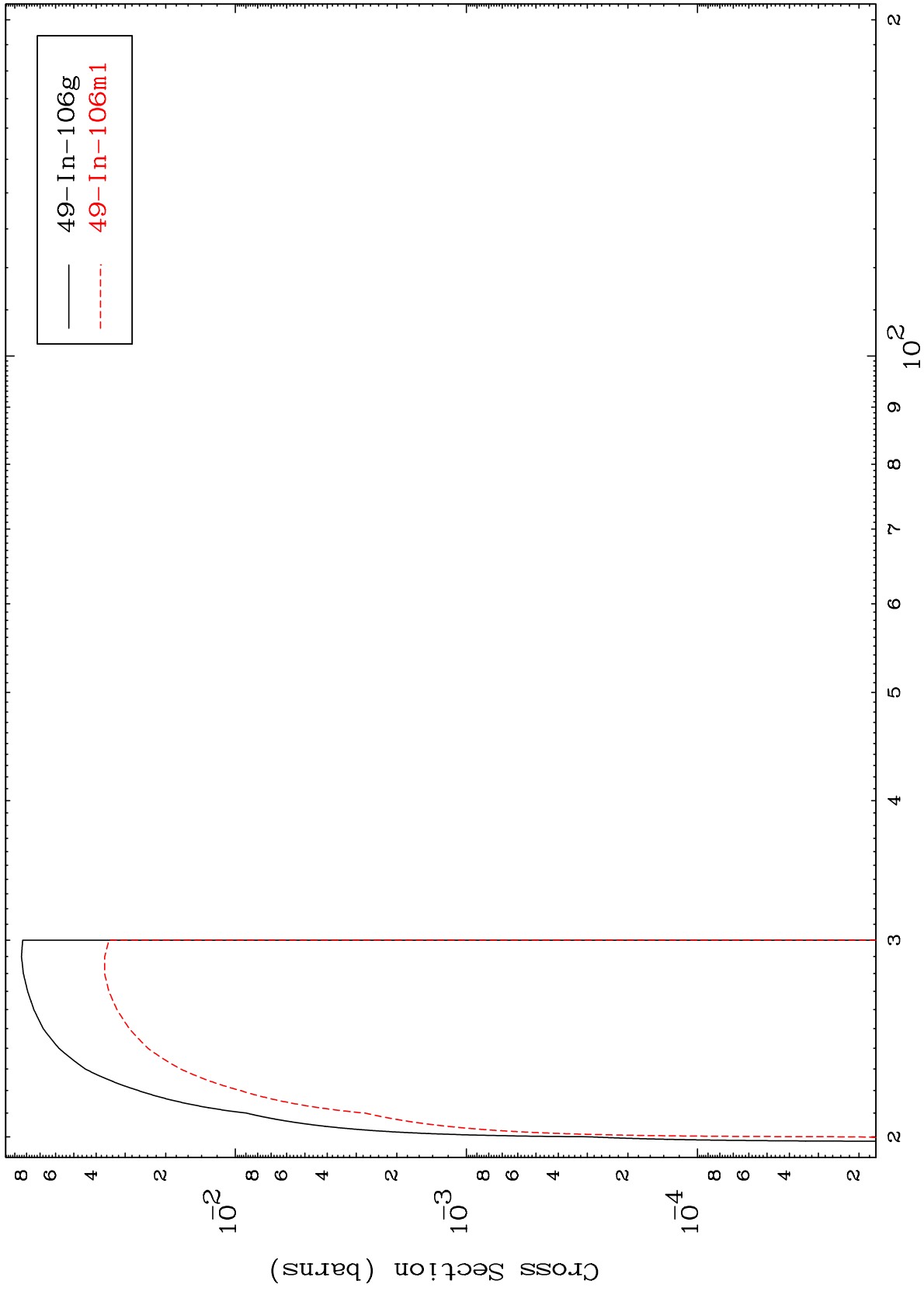
49-In-108

MAT 4911

(n,3n)

49-In-108

Radionuclide Production Cross Section



21

Incident Energy (MeV)

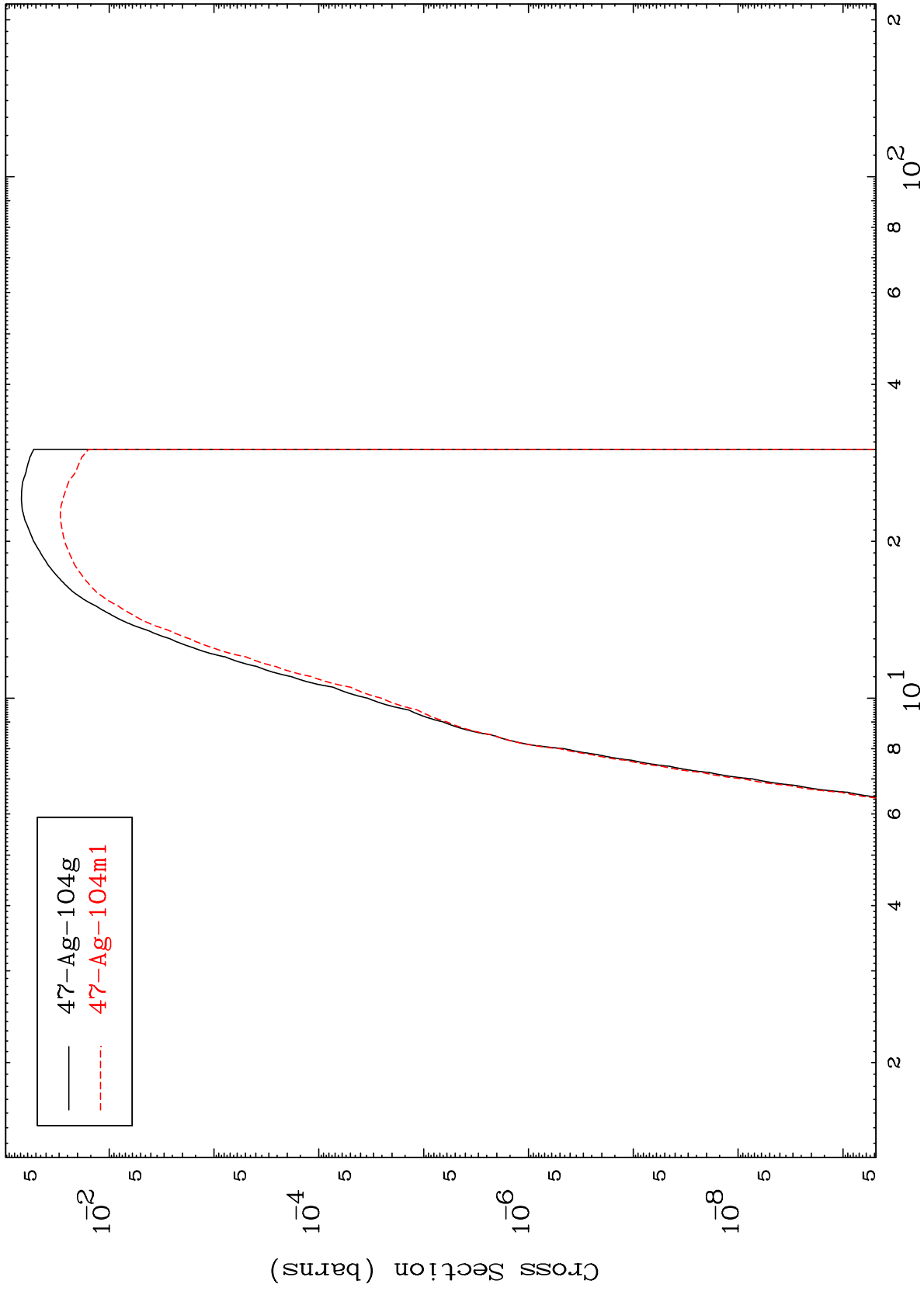
49-In-108

MAT 4911

(n,n') α

49-In-108

Radionuclide Production Cross Section



22

Incident Energy (MeV)

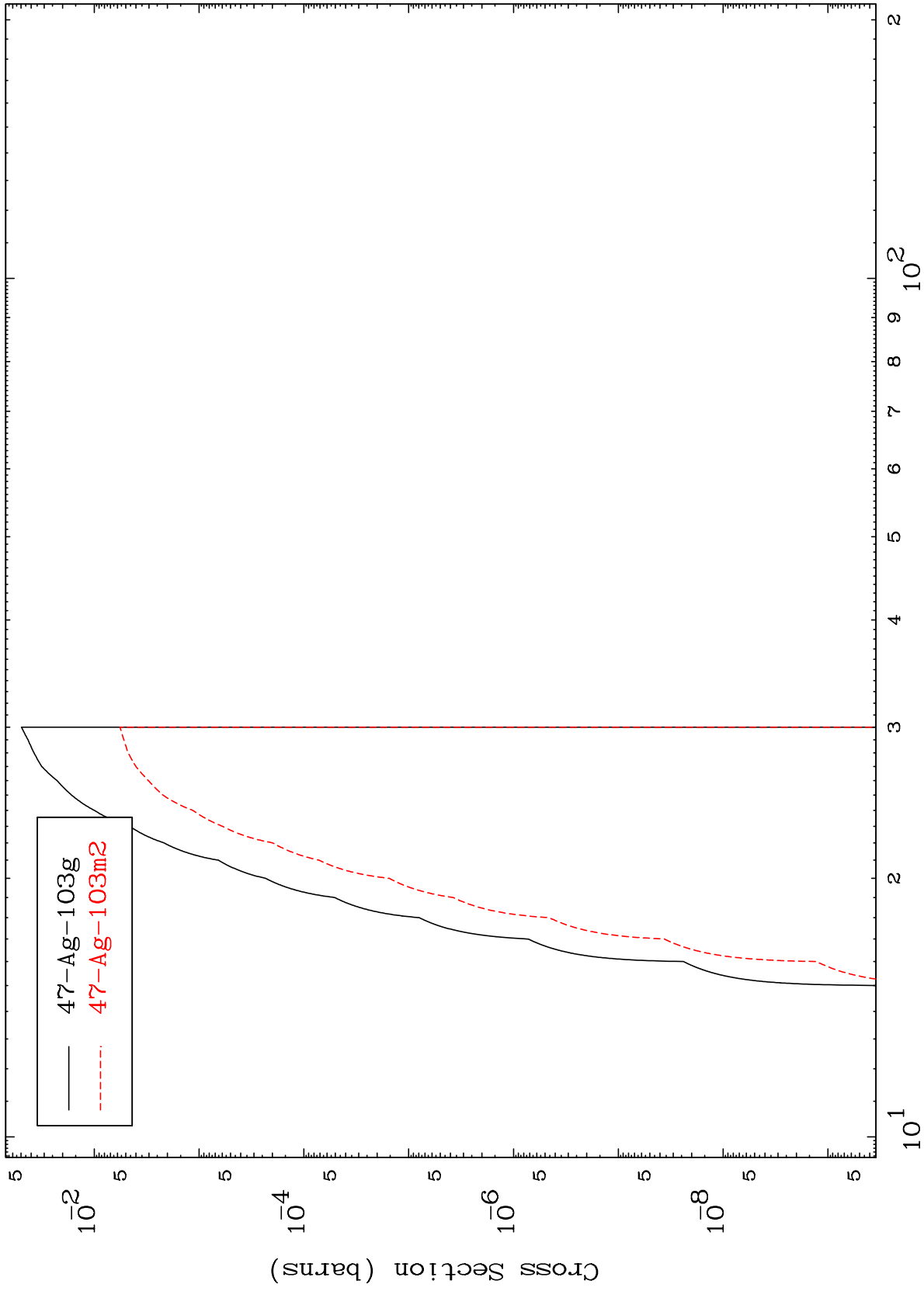
49-In-108

MAT 4911

(n,2n) α

49-In-108

Radionuclide Production Cross Section



47-Ag-103g
47-Ag-103m2

23

Incident Energy (MeV)

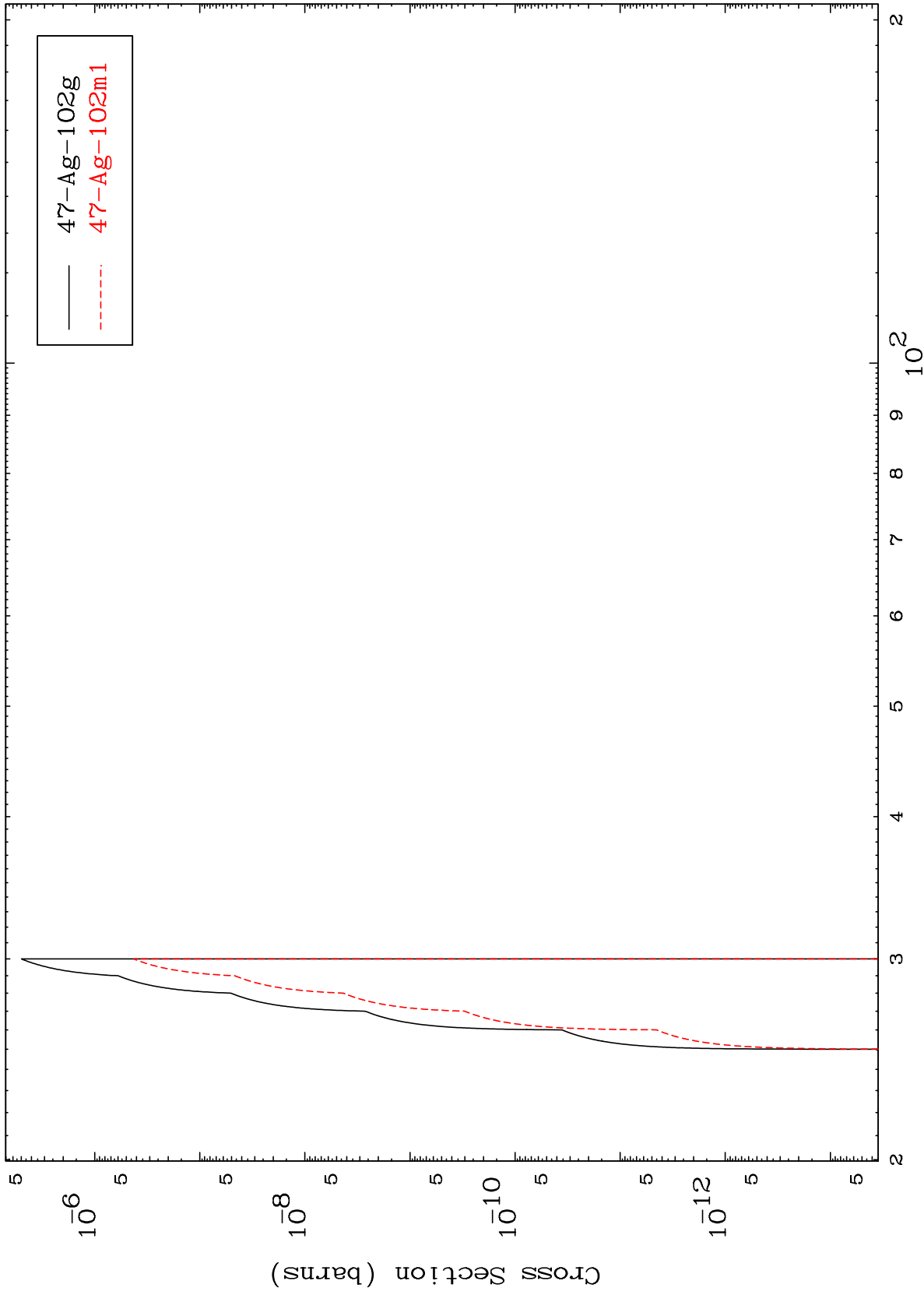
49-In-108

MAT 4911

(n,3n) α

49-In-108

Radionuclide Production Cross Section



24

Incident Energy (MeV)

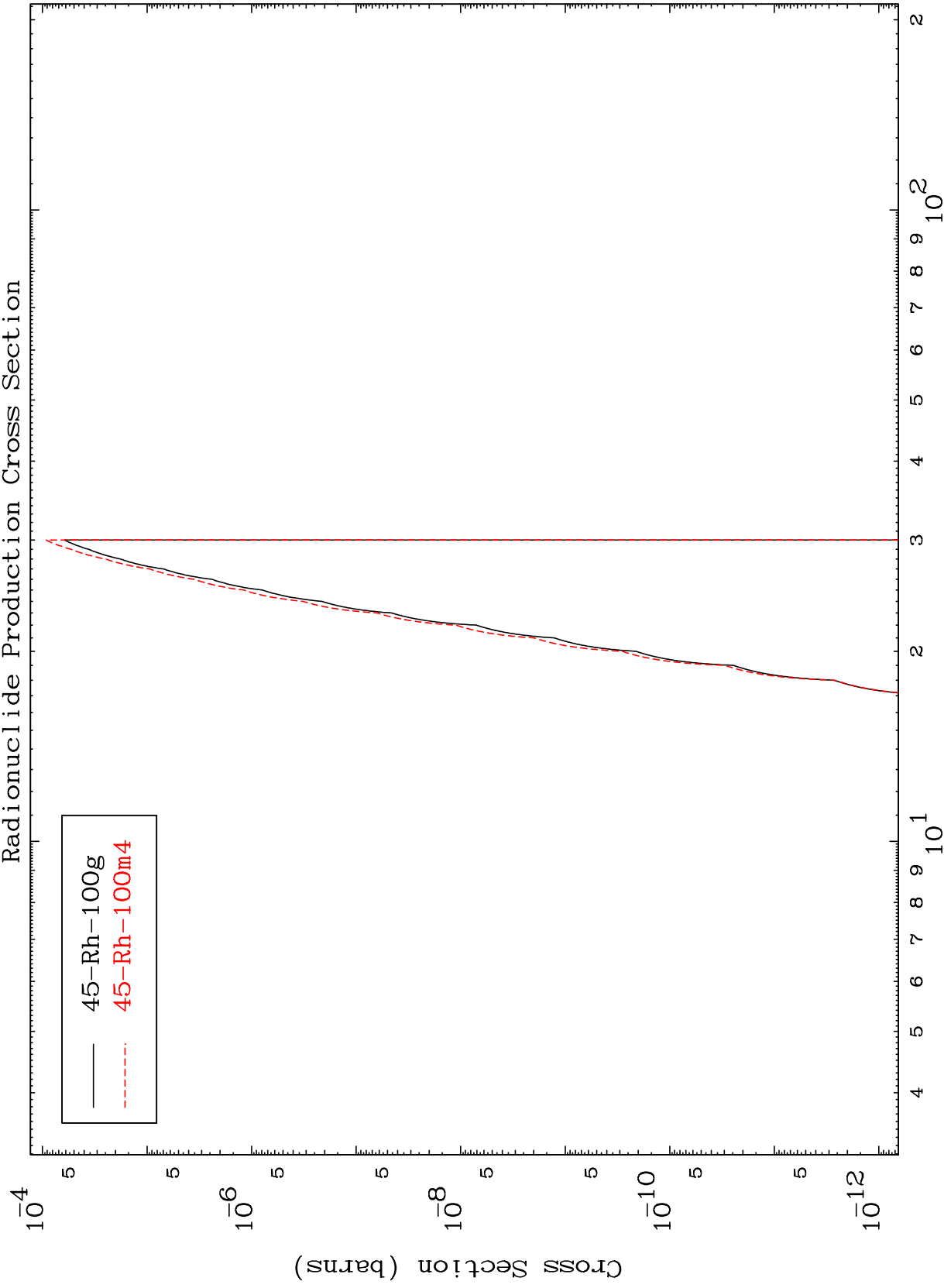
49-In-108

MAT 4911

(n,n') 2α

49-In-108

Radionuclide Production Cross Section



25

Incident Energy (MeV)

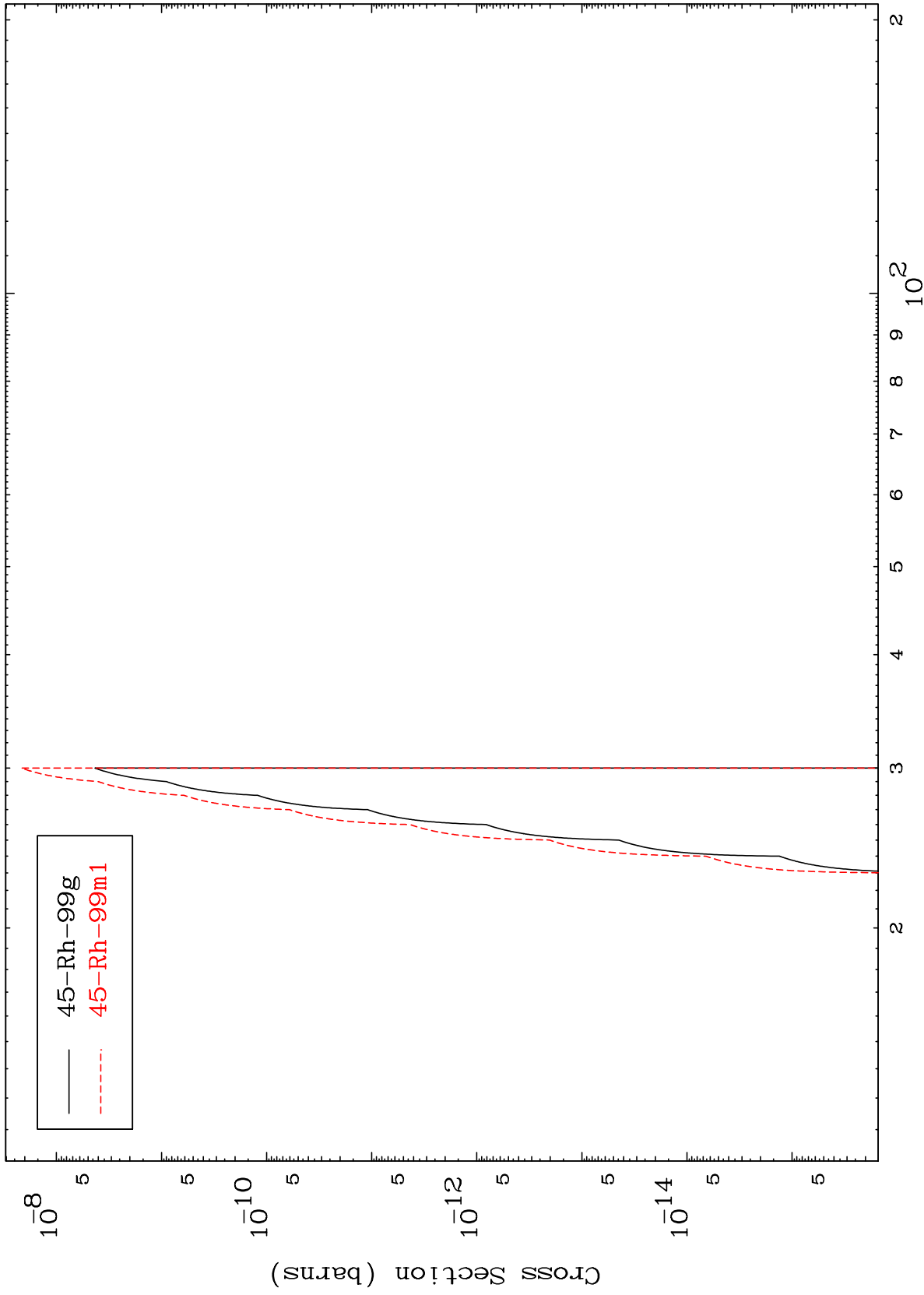
49-In-108

MAT 4911

(n,2n) 2α

49-In-108

Radionuclide Production Cross Section



26

Incident Energy (MeV)

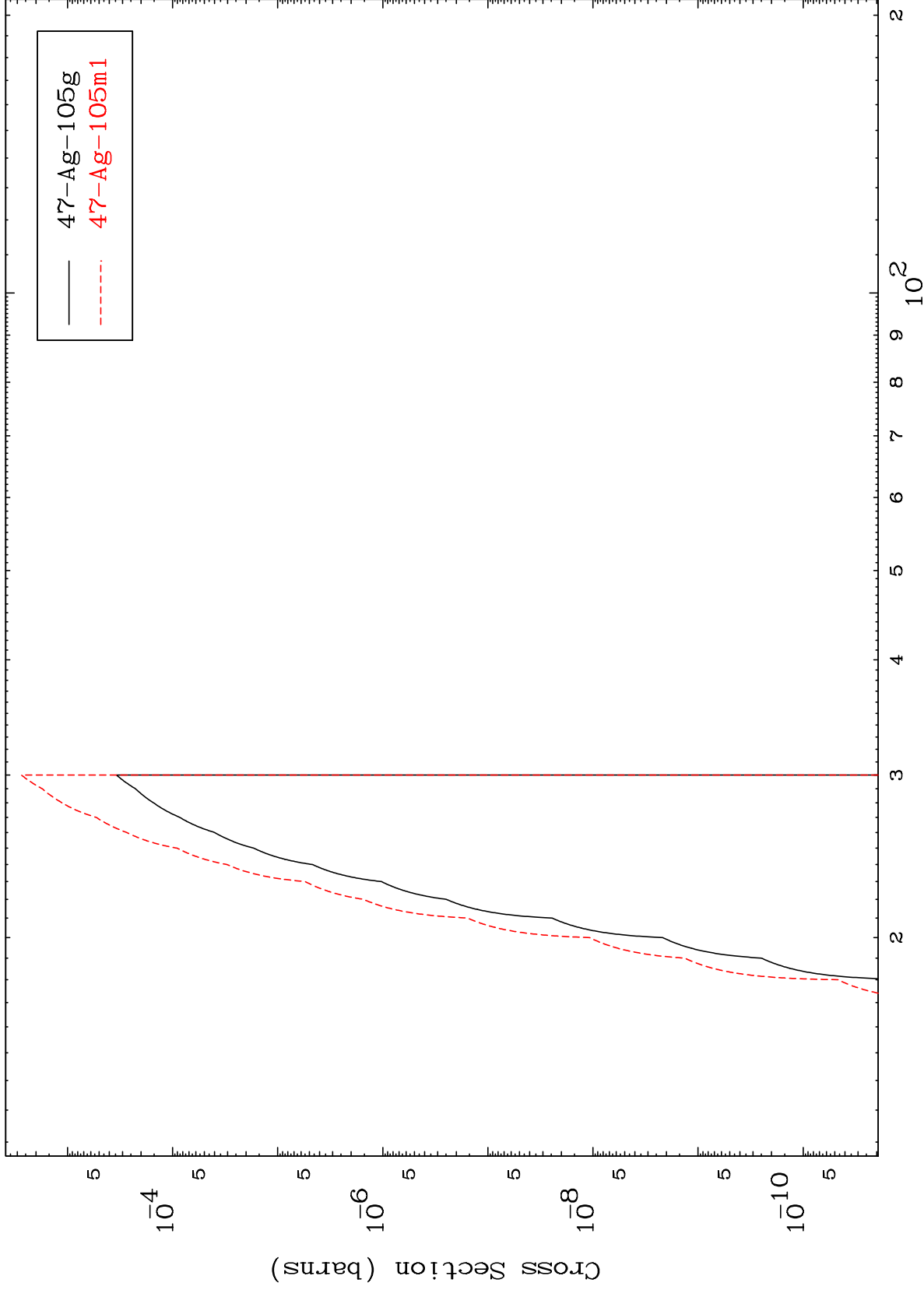
49-In-108

MAT 4911

(n, n') He-3

49-In-108

Radionuclide Production Cross Section



27

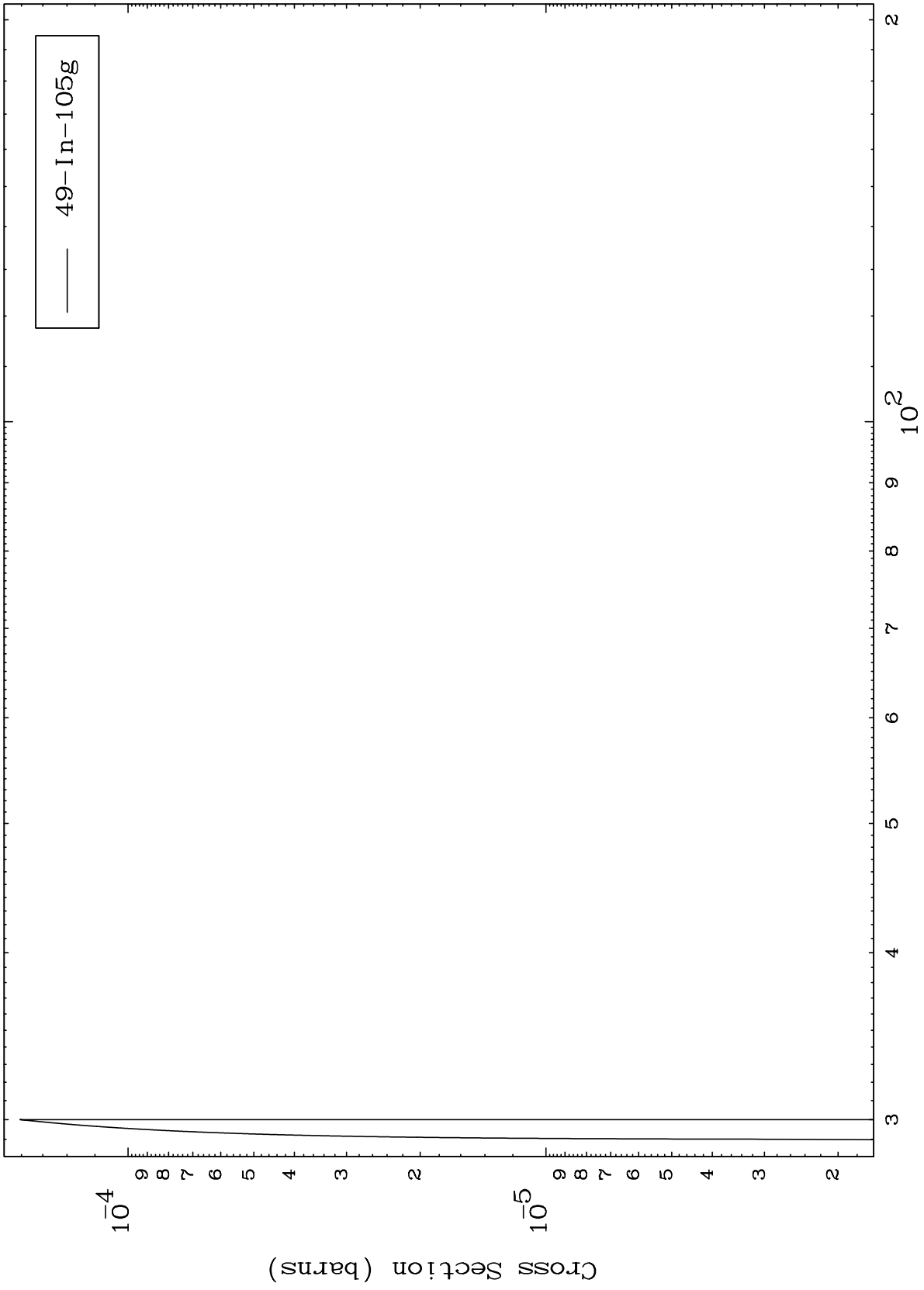
Incident Energy (MeV)

49-In-108

MAT 4911

49-In-108

(n,4n)
Radionuclide Production Cross Section



28

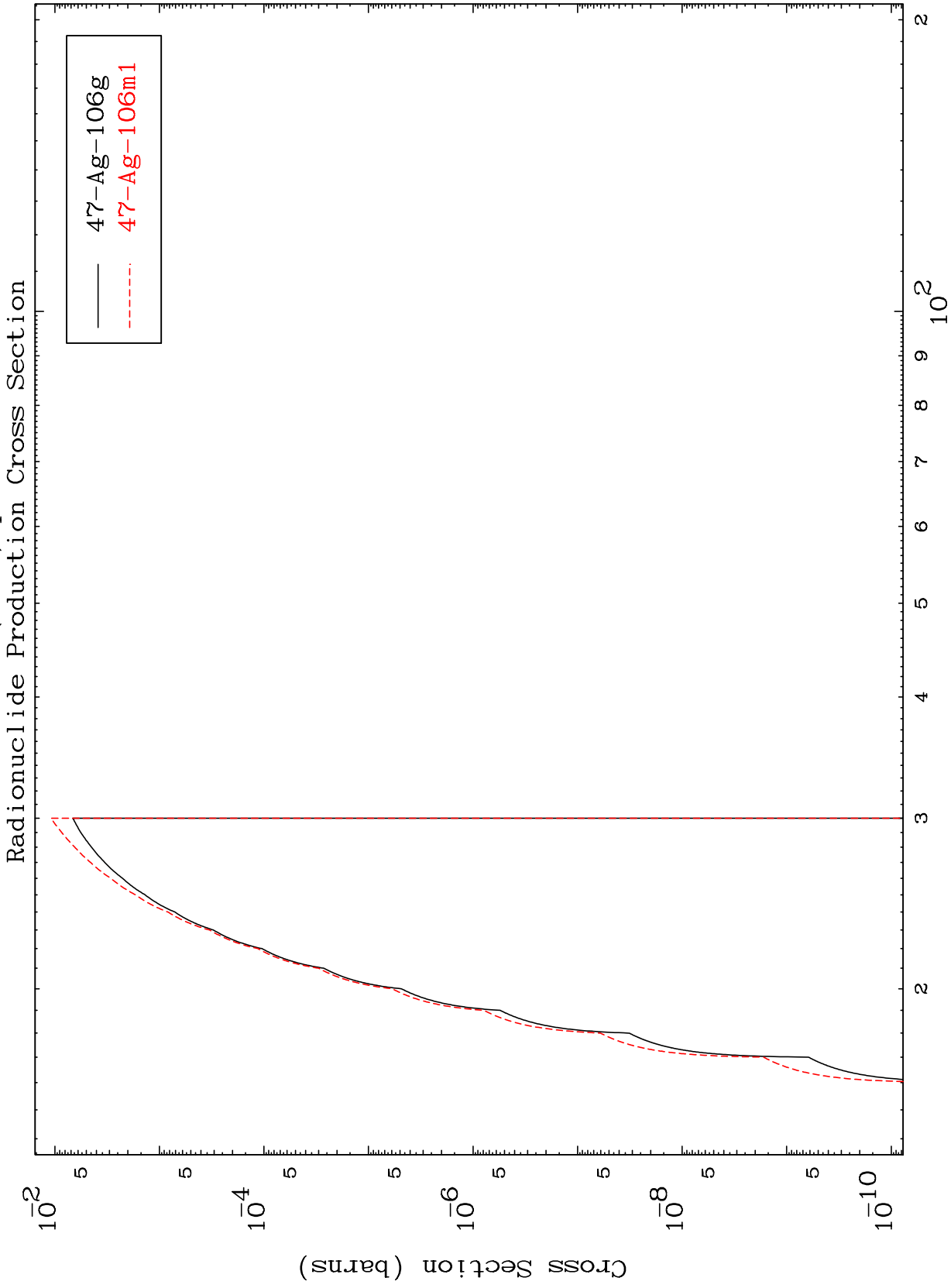
Incident Energy (MeV)

49-In-108

MAT 4911

(n,2n) p

49-In-108



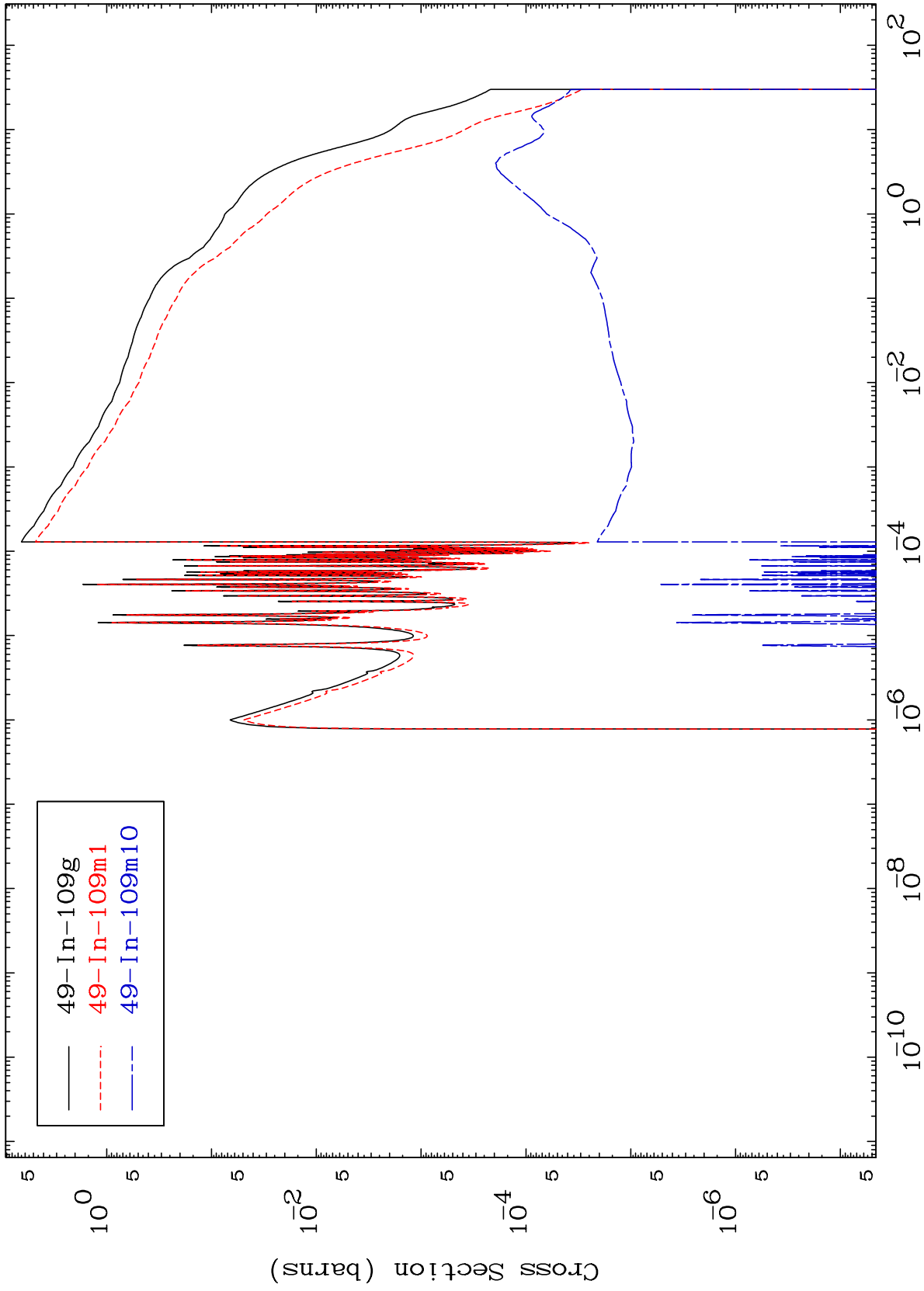
29

49-In-108

MAT 4911

49-In-108

Radionuclide Production Cross Section (n,γ)



30

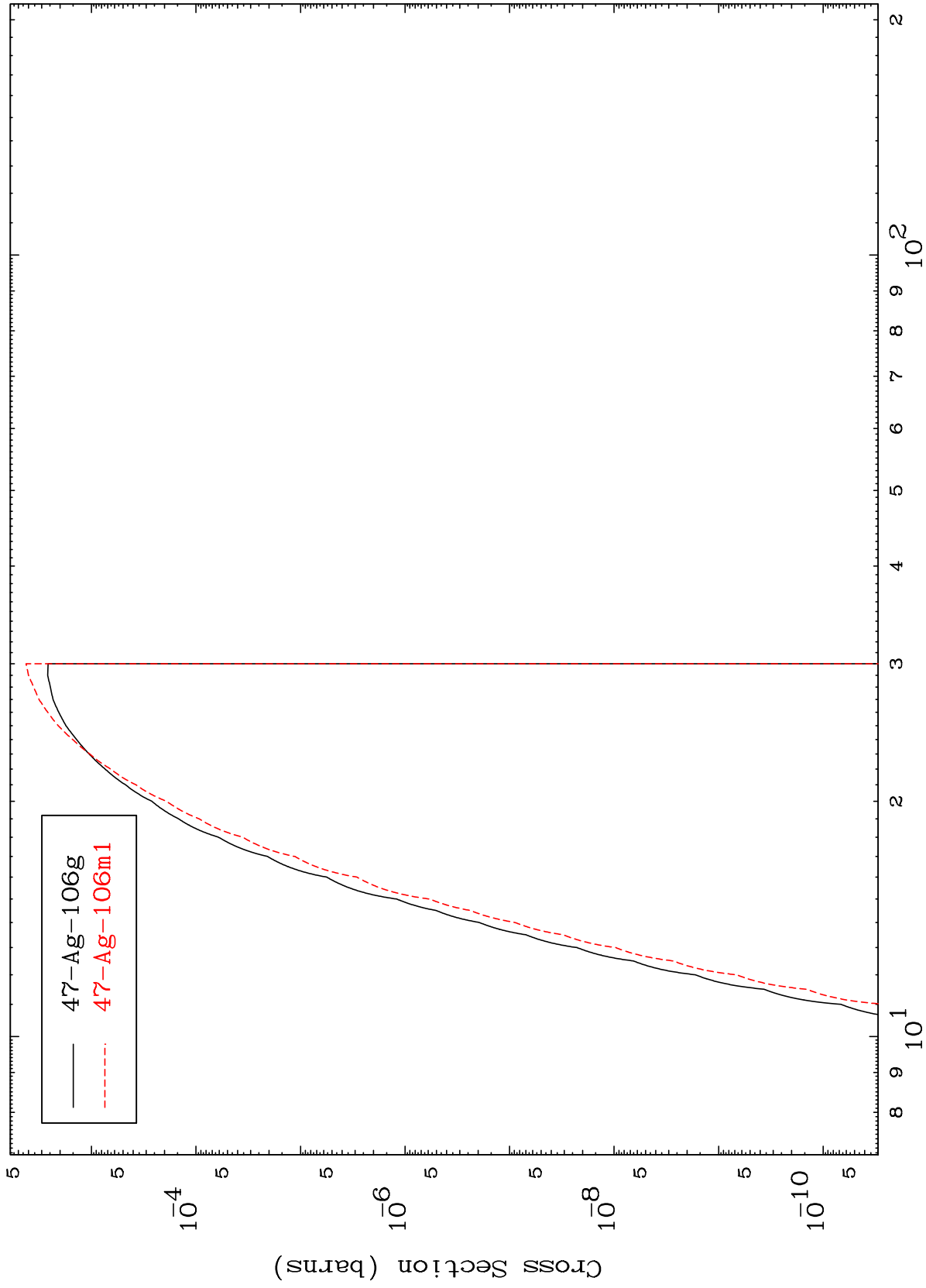
49-In-108

MAT 4911

(n,He-3)

49-In-108

Radionuclide Production Cross Section



31

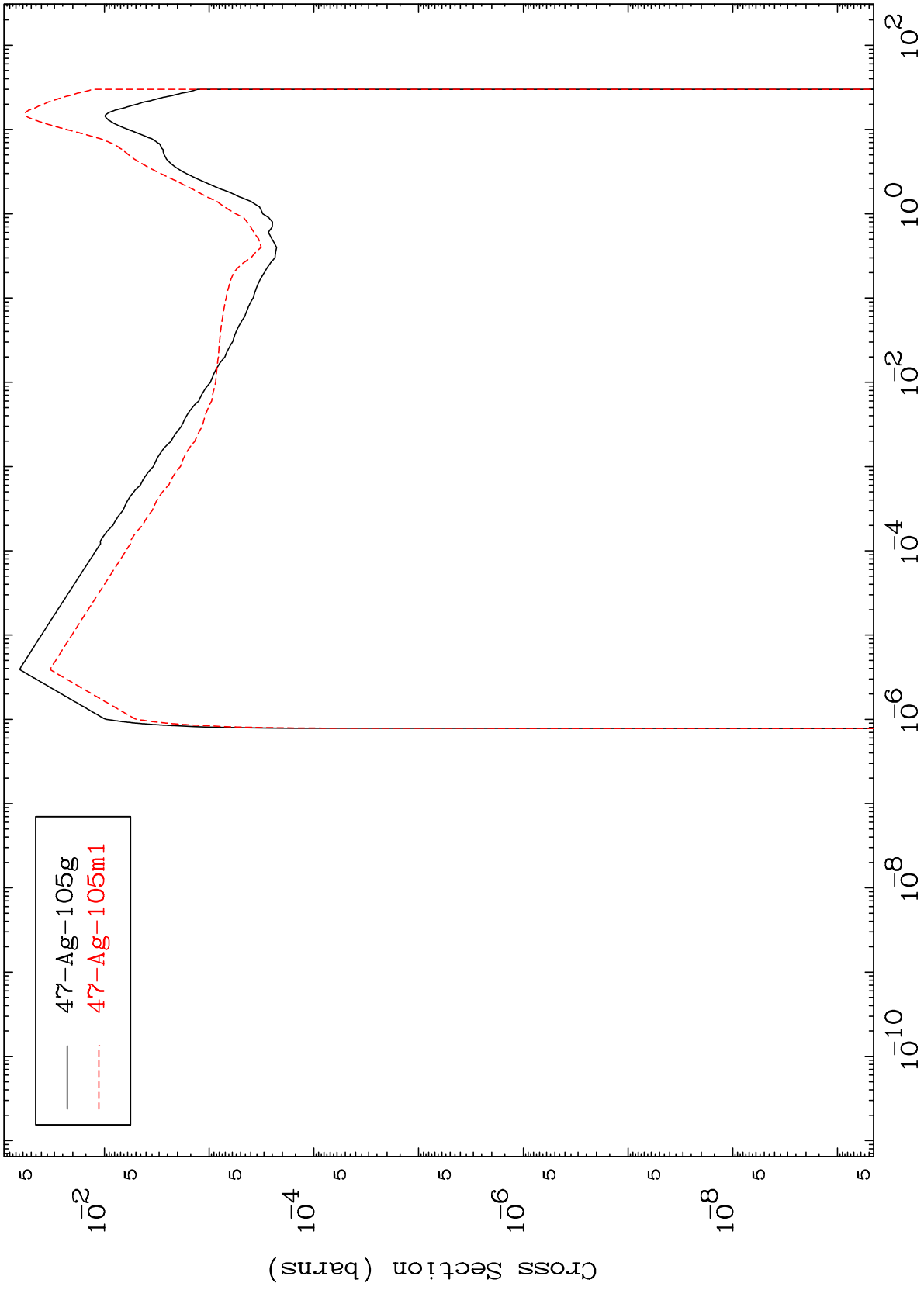
49-In-108

49-In-108

MAT 4911

49-In-108

Radionuclide Production Cross Section



32

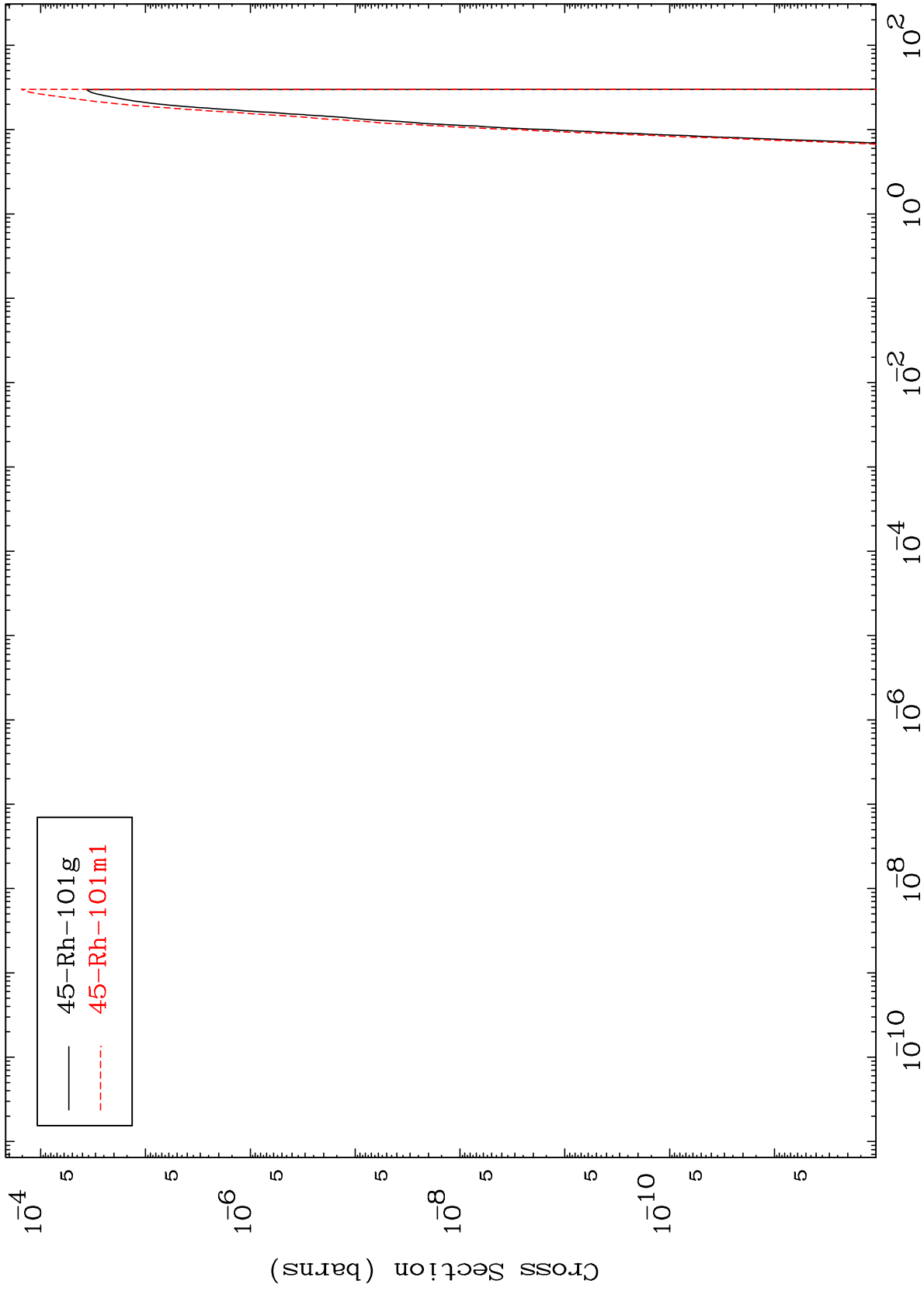
49-In-108

MAT 4911

(n,2α)

49-In-108

Radionuclide Production Cross Section



33

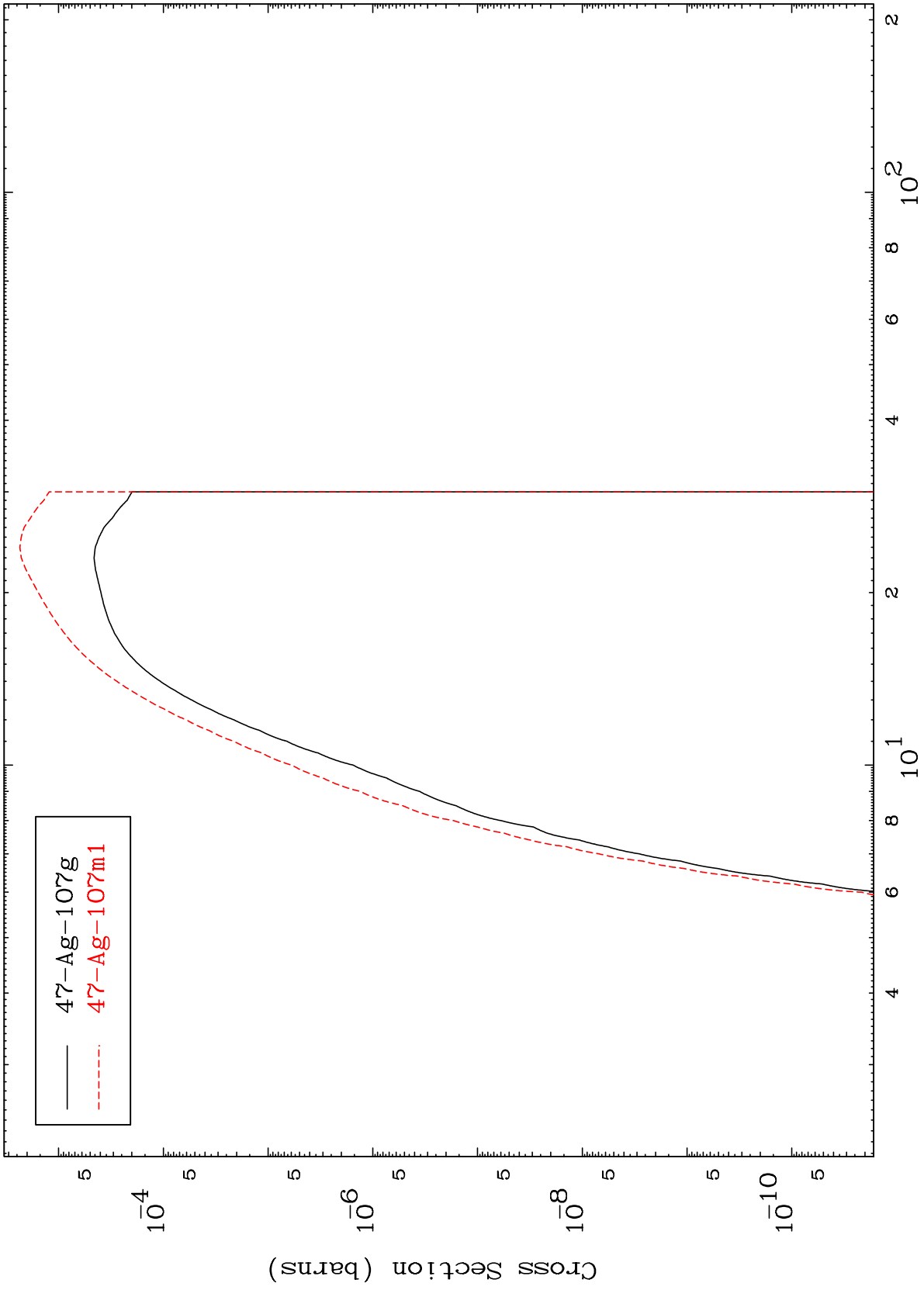
Incident Energy (MeV)

49-In-108

MAT 4911

Radionuclide Production Cross Section
(n,2p)

49-In-108



34

Incident Energy (MeV)

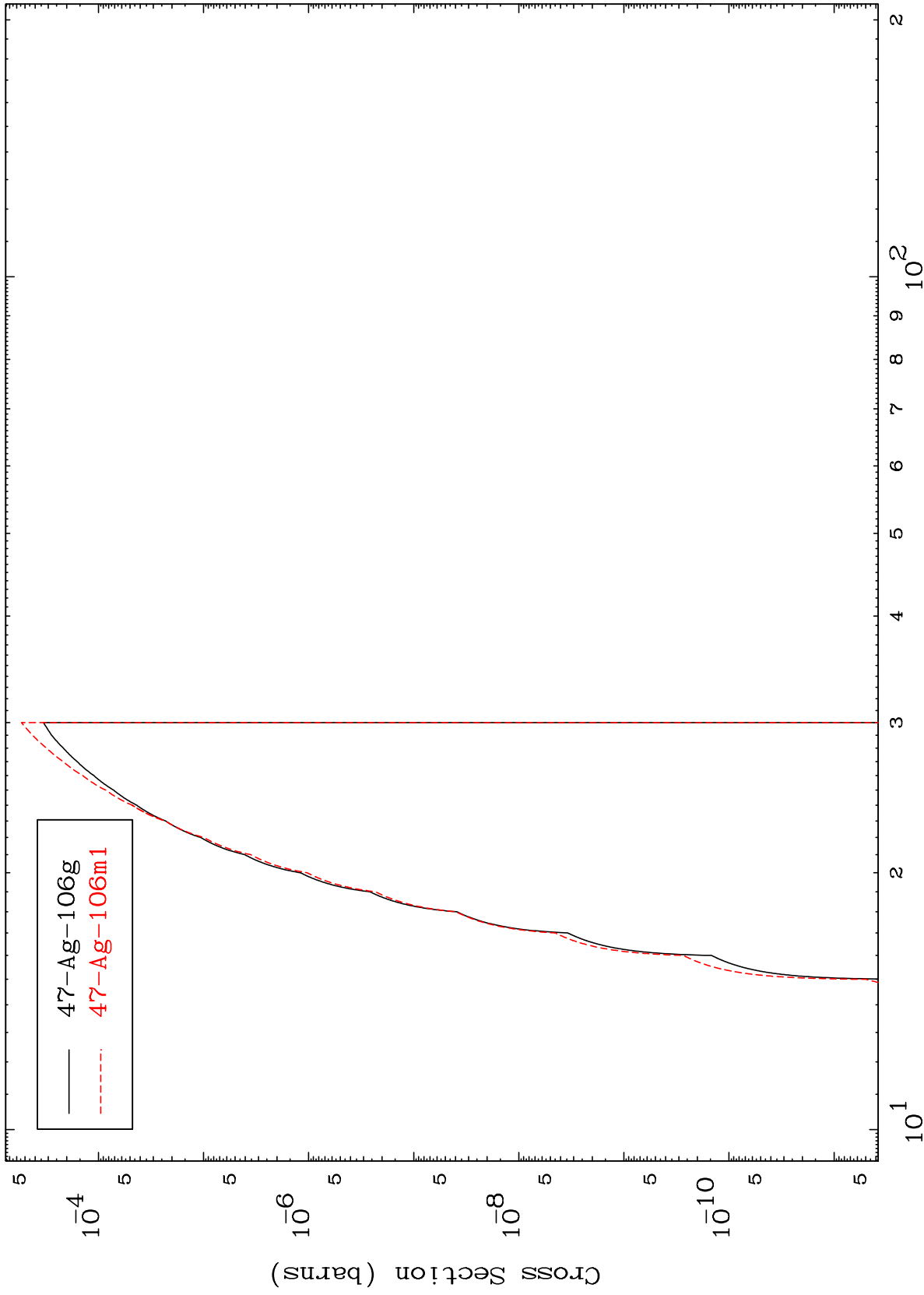
49-In-108

MAT 4911

(n,p) d

49-In-108

Radionuclide Production Cross Section



35

Incident Energy (MeV)

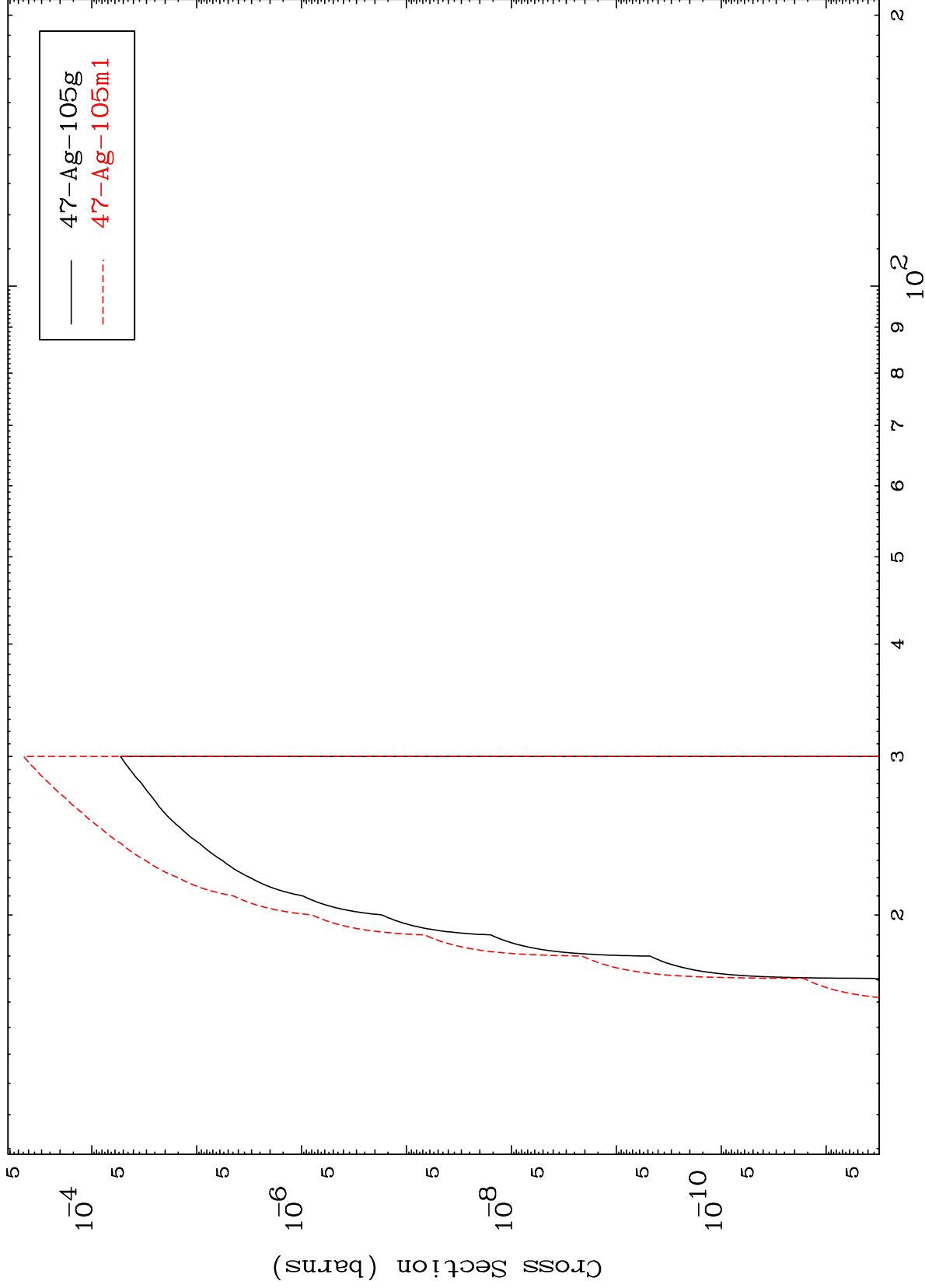
49-In-108

MAT 4911

(n,p) t

49-In-108

Radionuclide Production Cross Section



36

Incident Energy (MeV)

49-In-108