

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

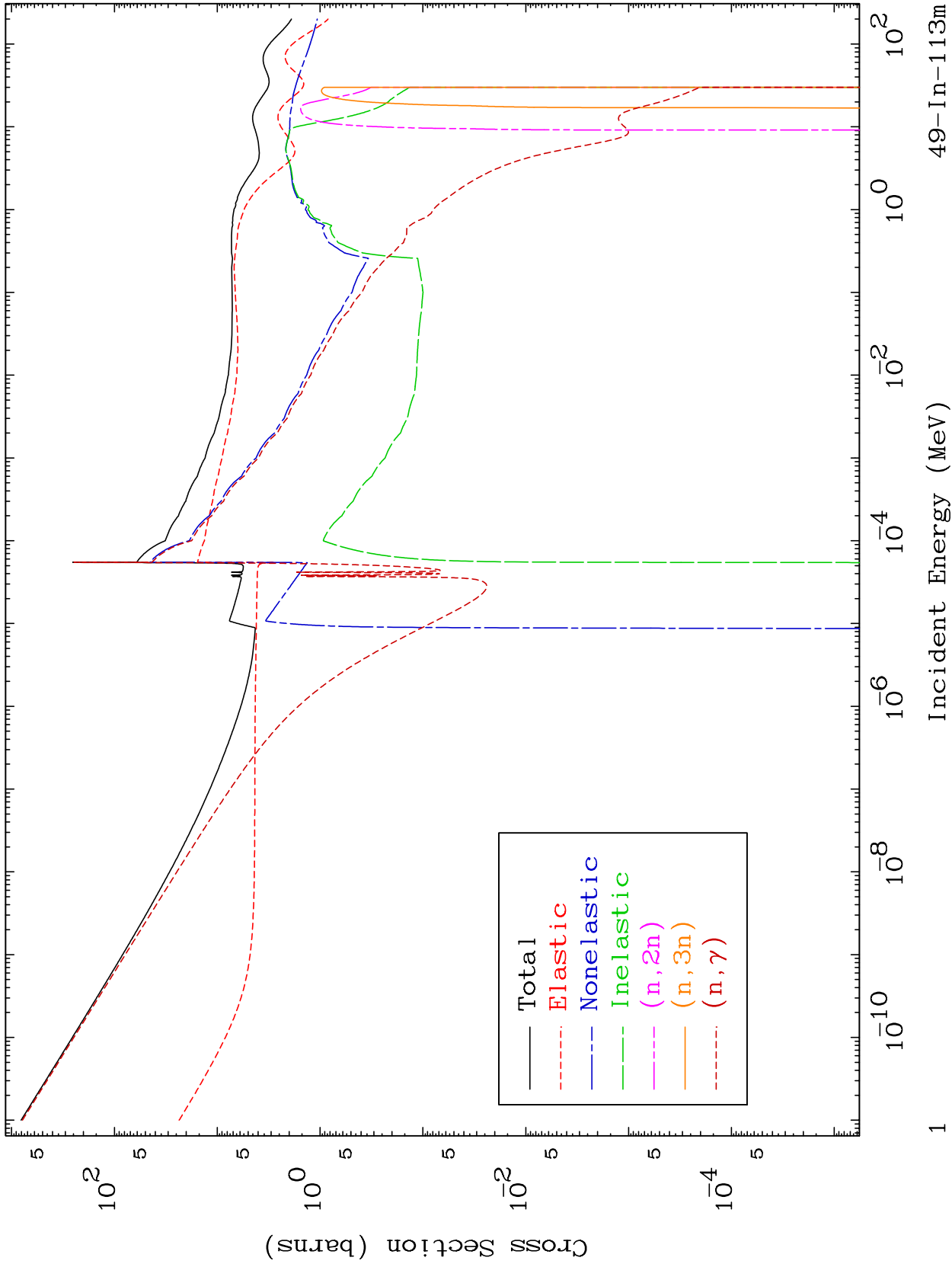
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4926

Neutron Major
293 Kelvin Cross Sections

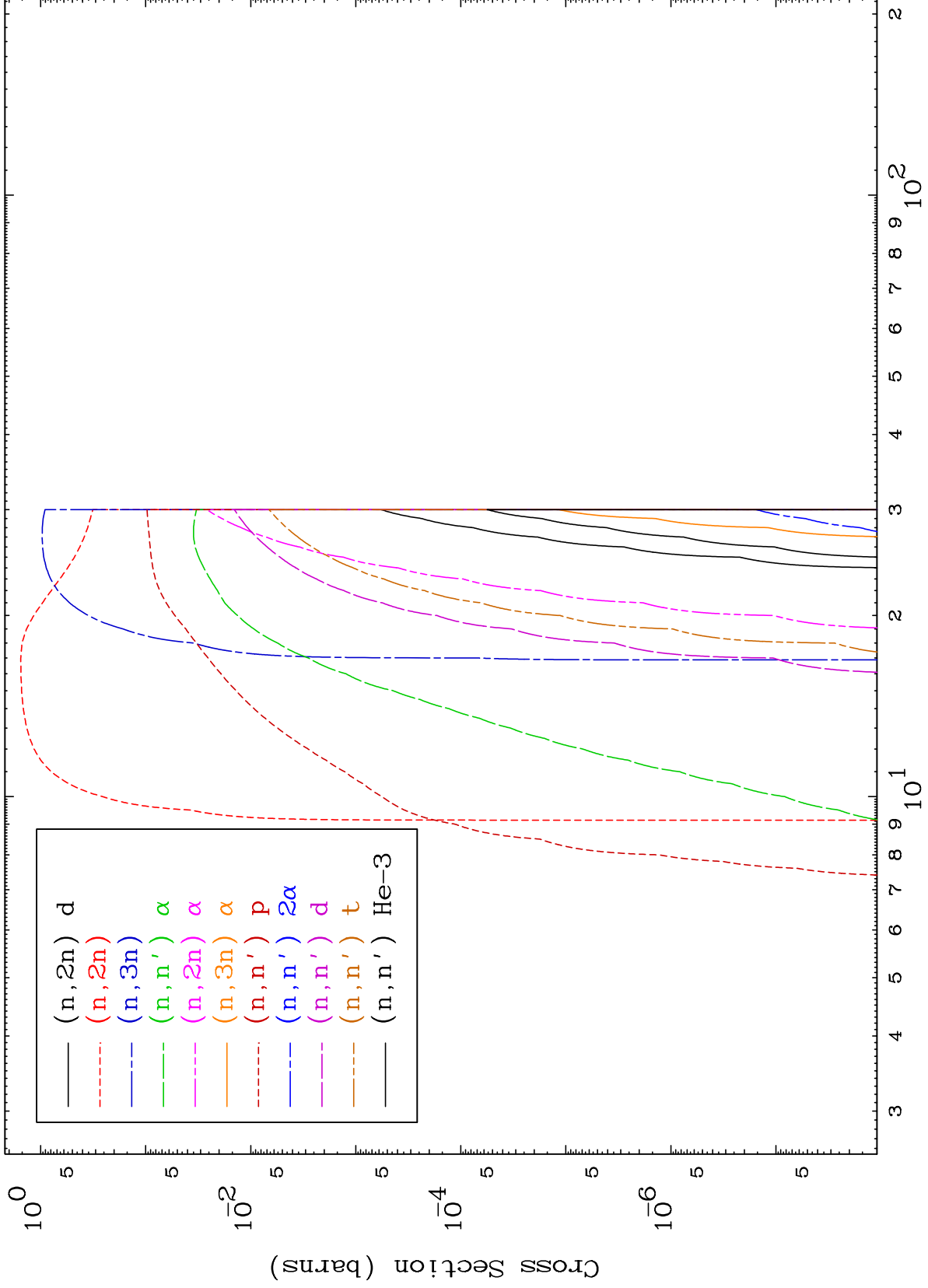
49-In-113m



MAT 4926

Neutron Absorption
293 Kelvin Cross Sections

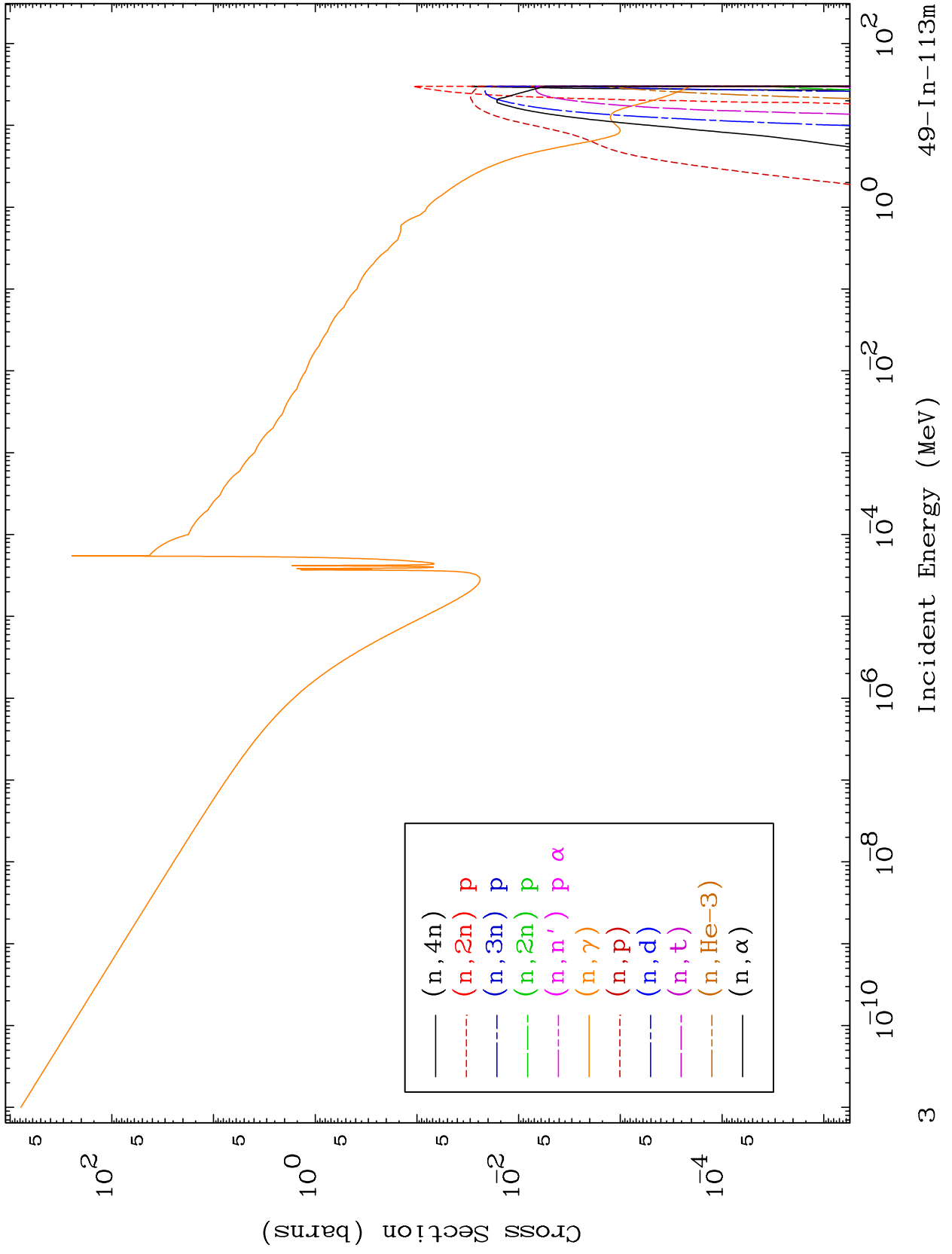
49-In-113m



MAT 4926

Neutron Absorption
293 Kelvin Cross Sections

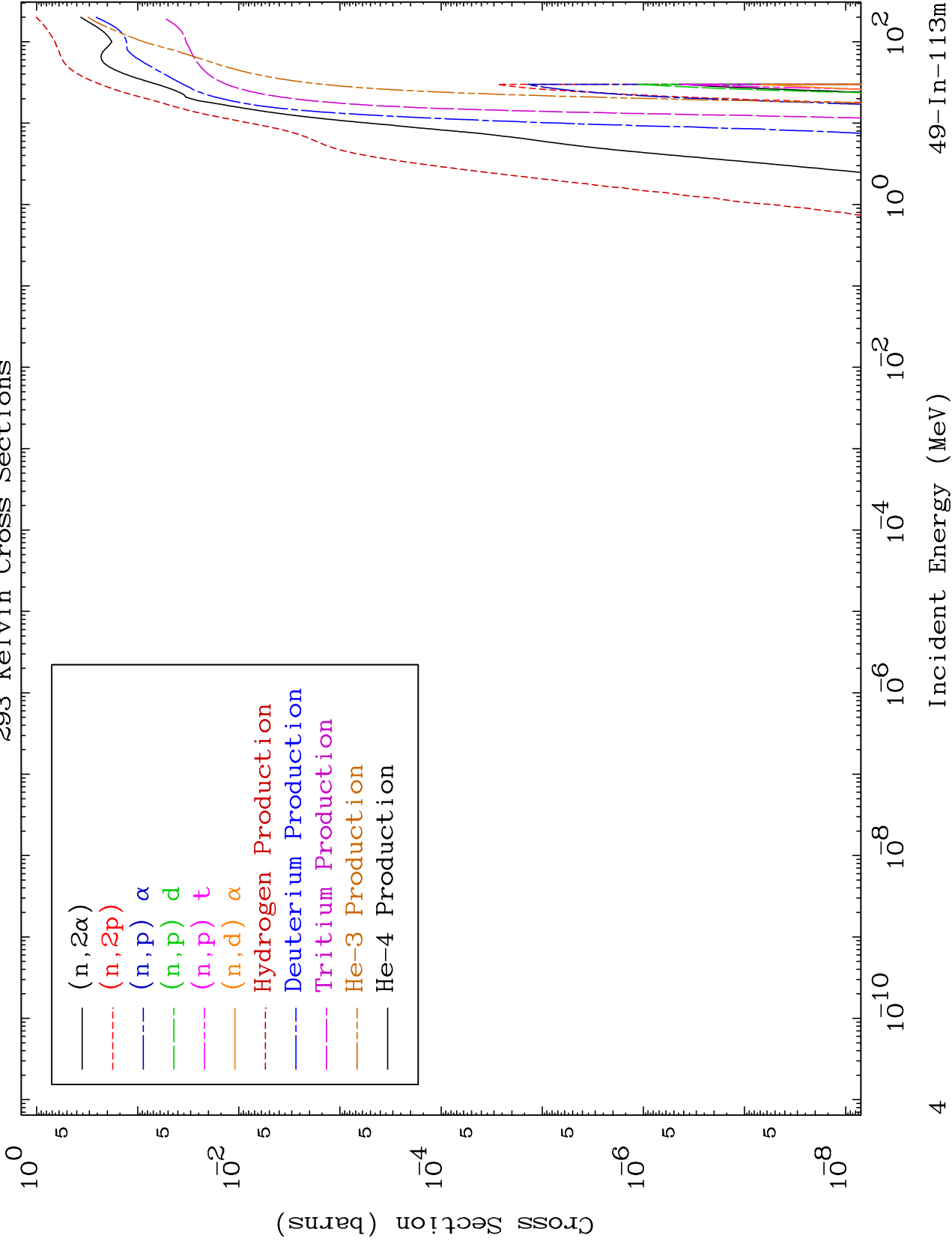
49-In-113m



MAT 4926

Neutron Absorption
293 Kelvin Cross Sections

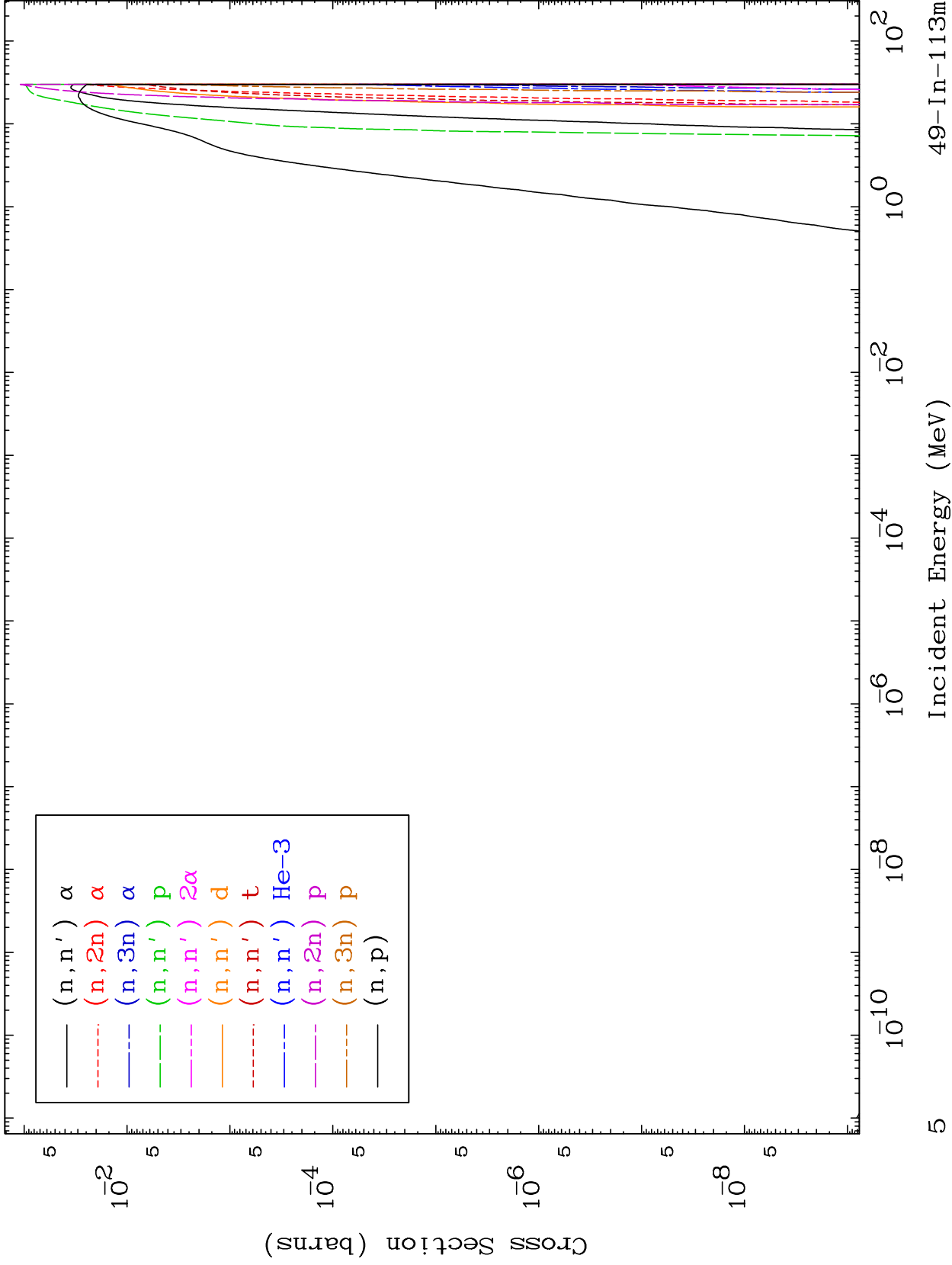
49-In-113m



MAT 4926

Charged Particle
293 Kelvin Cross Sections

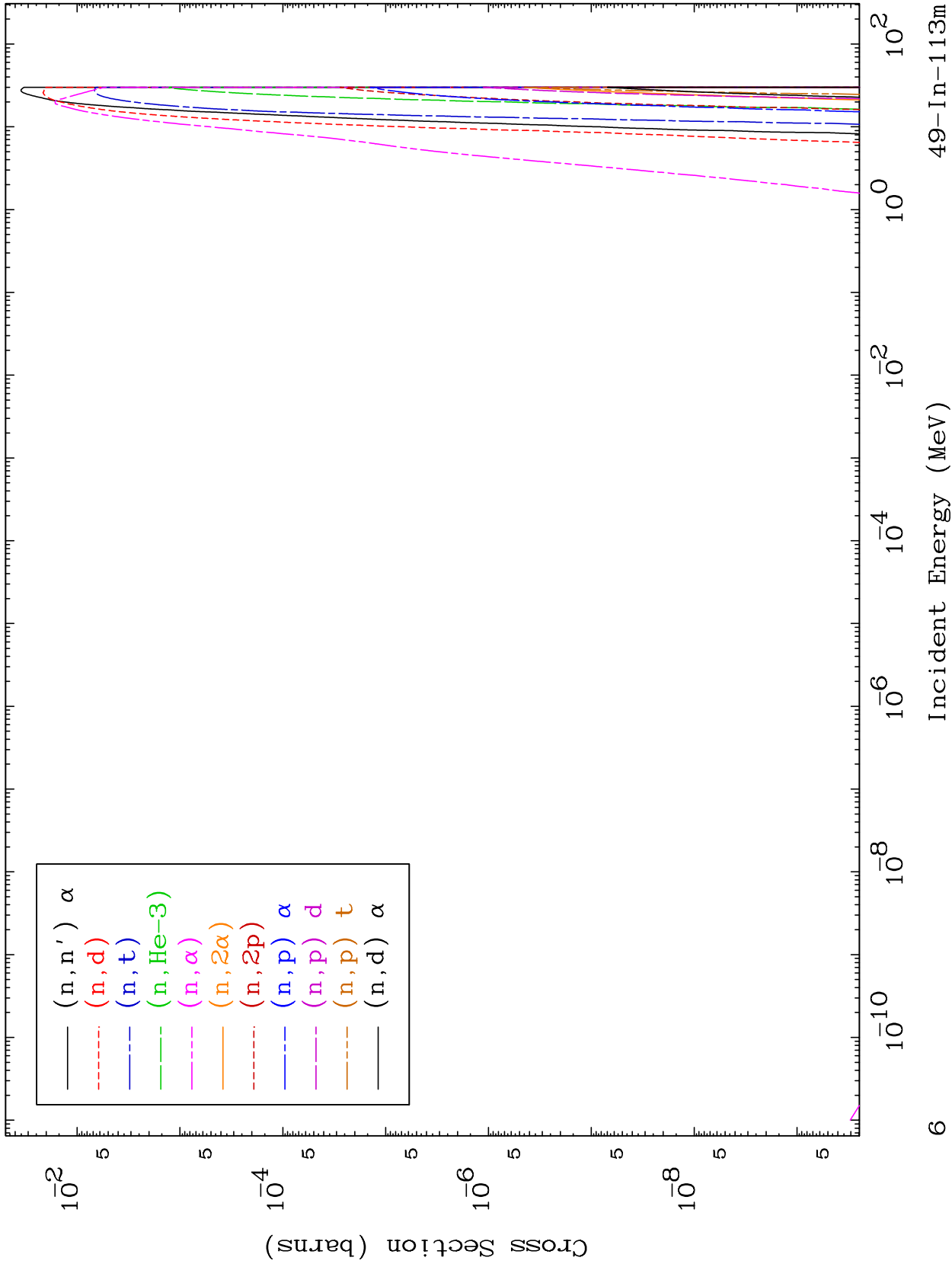
49-In-113m



MAT 4926

Charged Particle
293 Kelvin Cross Sections

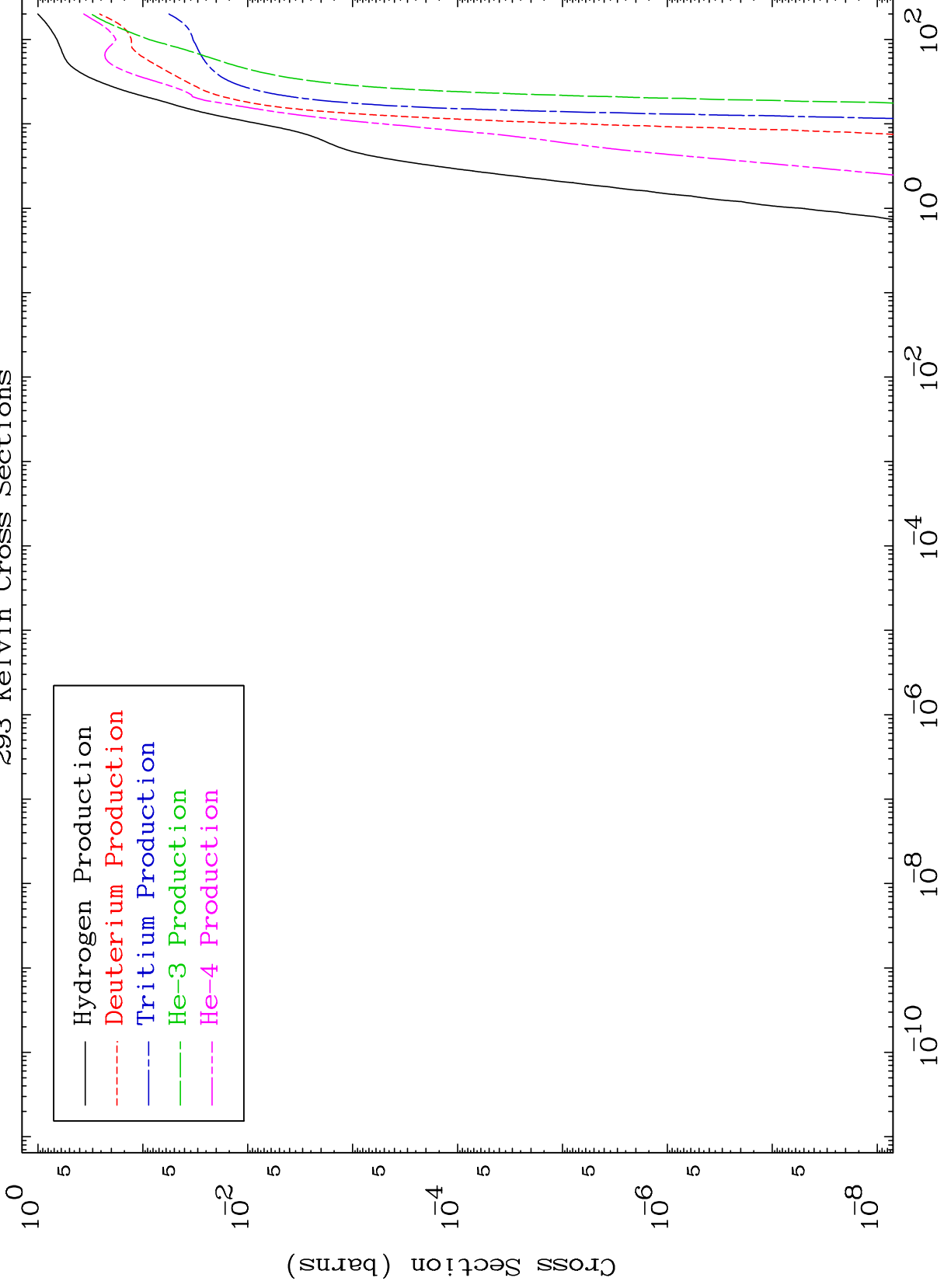
49-In-113m



MAT 4926

Particle Production
293 Kelvin Cross Sections

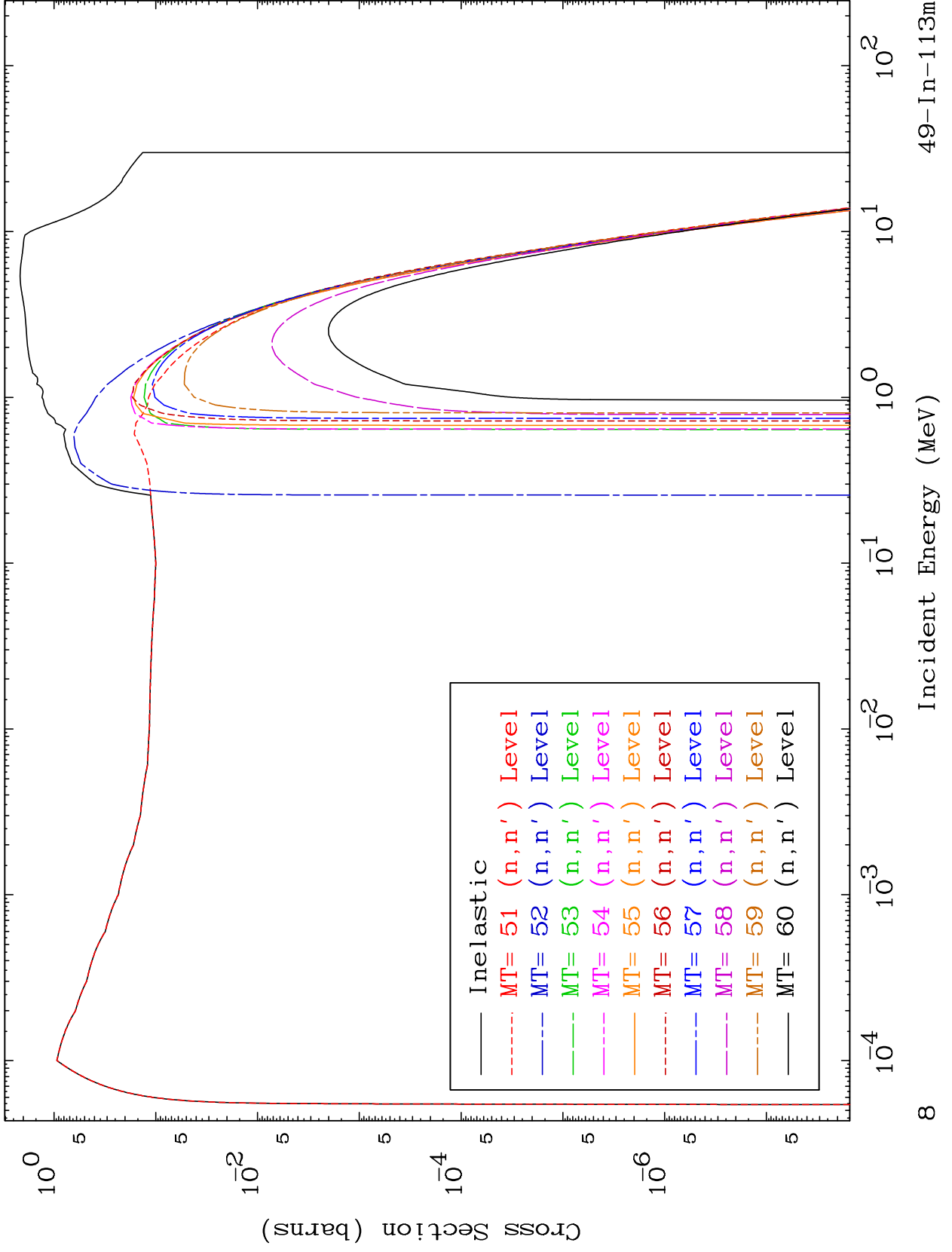
49-In-113m



MAT 4926

(n,n') Levels
293 Kelvin Cross Sections

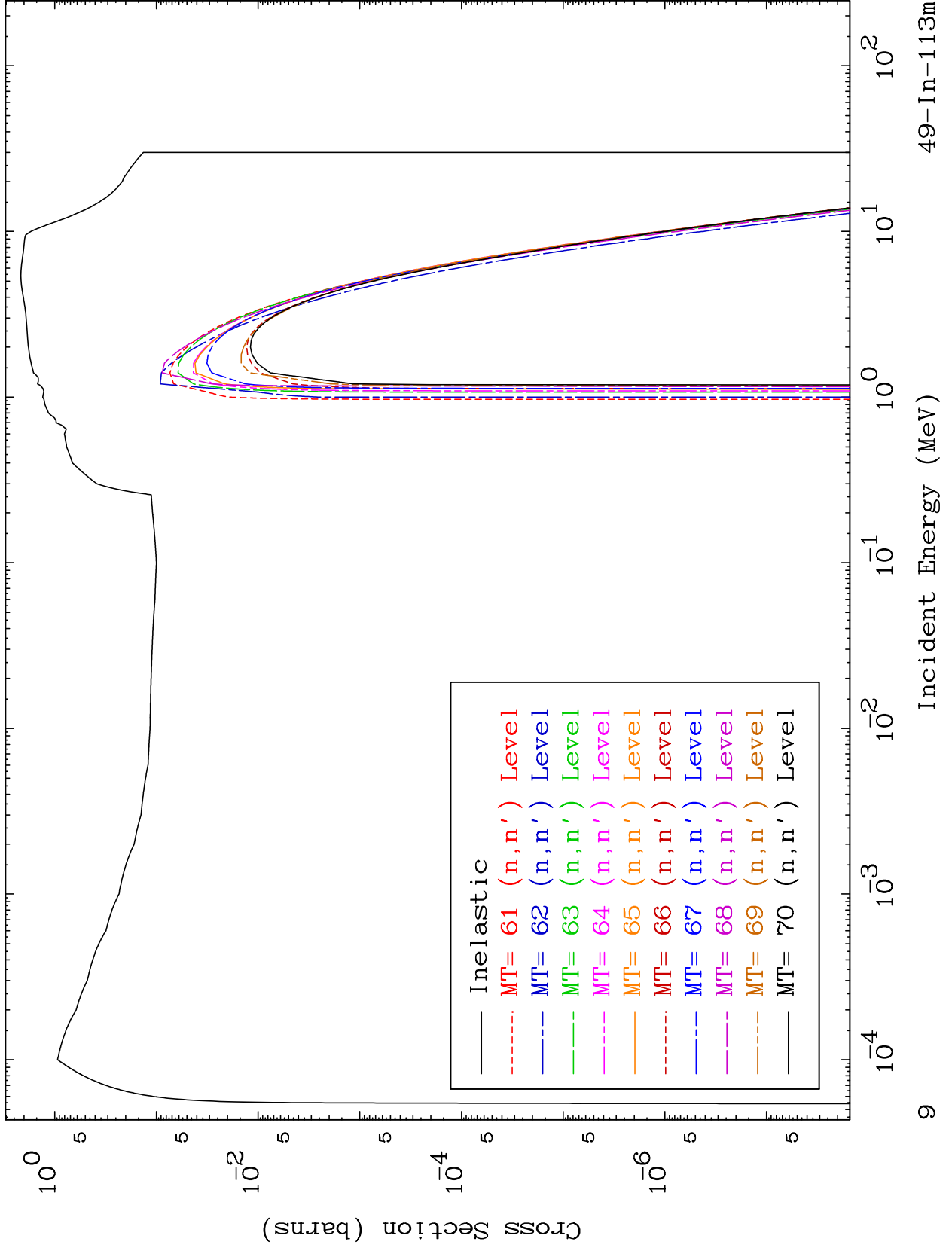
49-In-113m



MAT 4926

(n,n') Levels
293 Kelvin Cross Sections

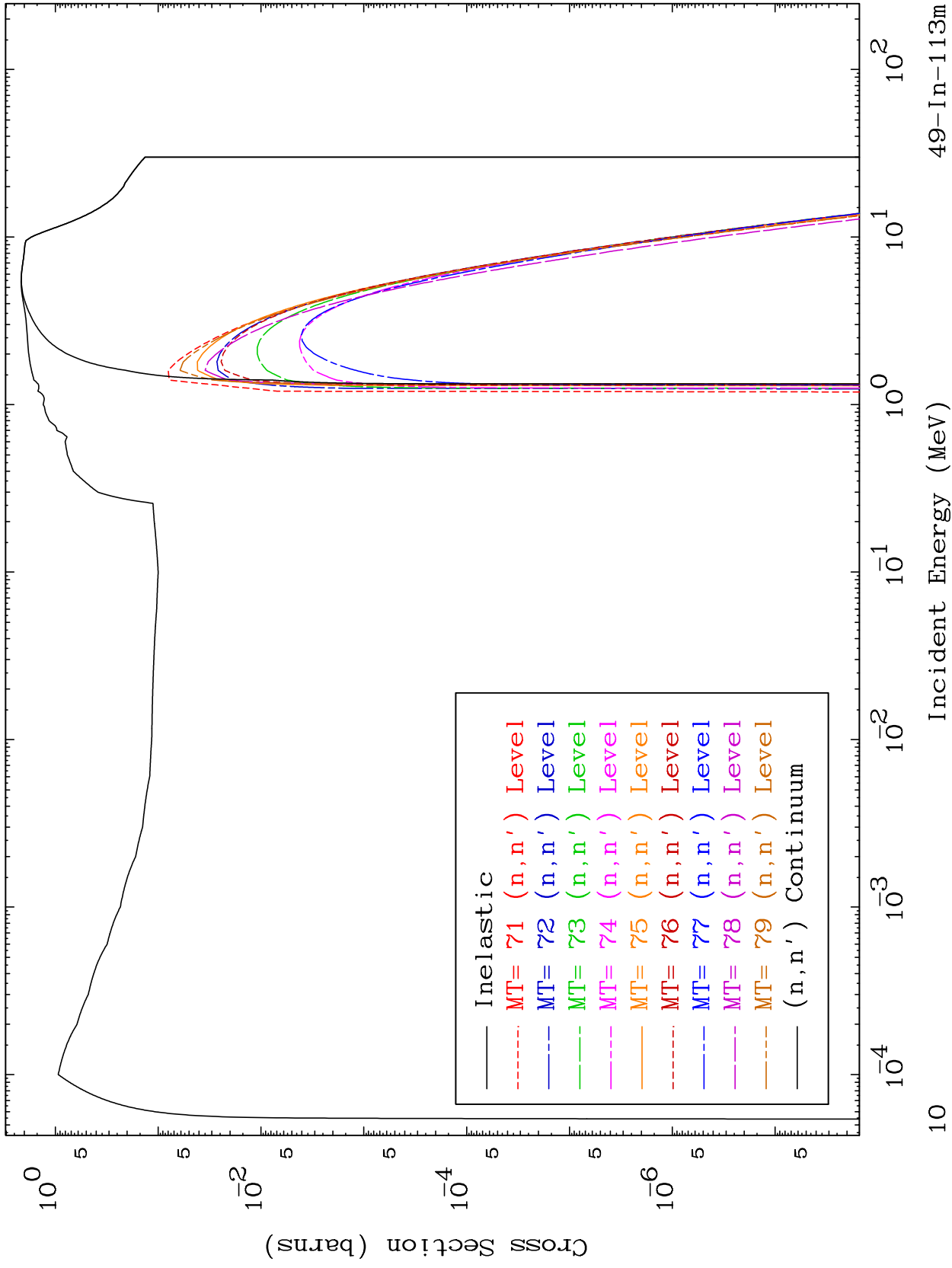
49-In-113m



MAT 4926

(n,n') Levels
293 Kelvin Cross Sections

49-In-113m



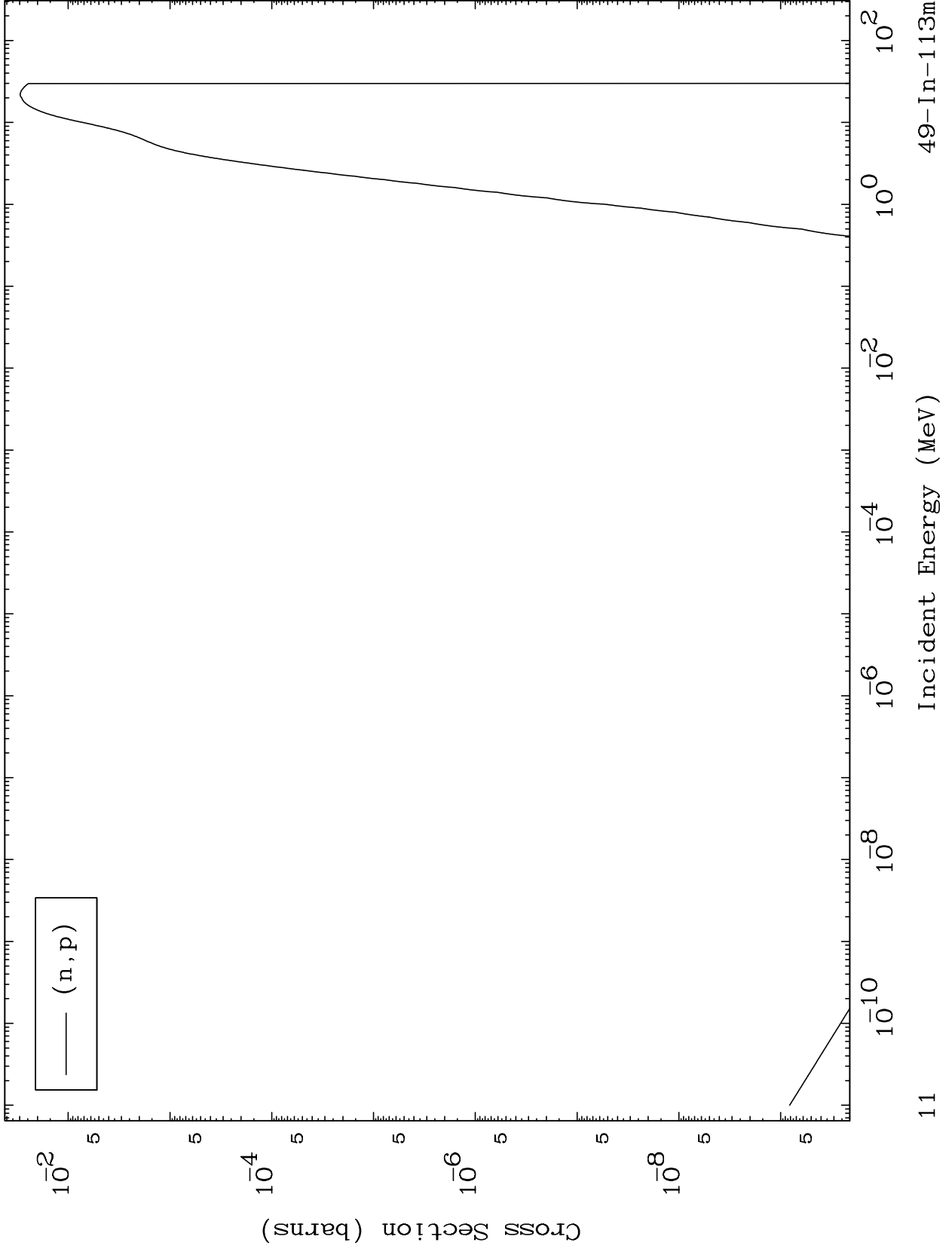
49-In-113m

Incident Energy (MeV)

MAT 4926

(n,p) Levels
293 Kelvin Cross Sections

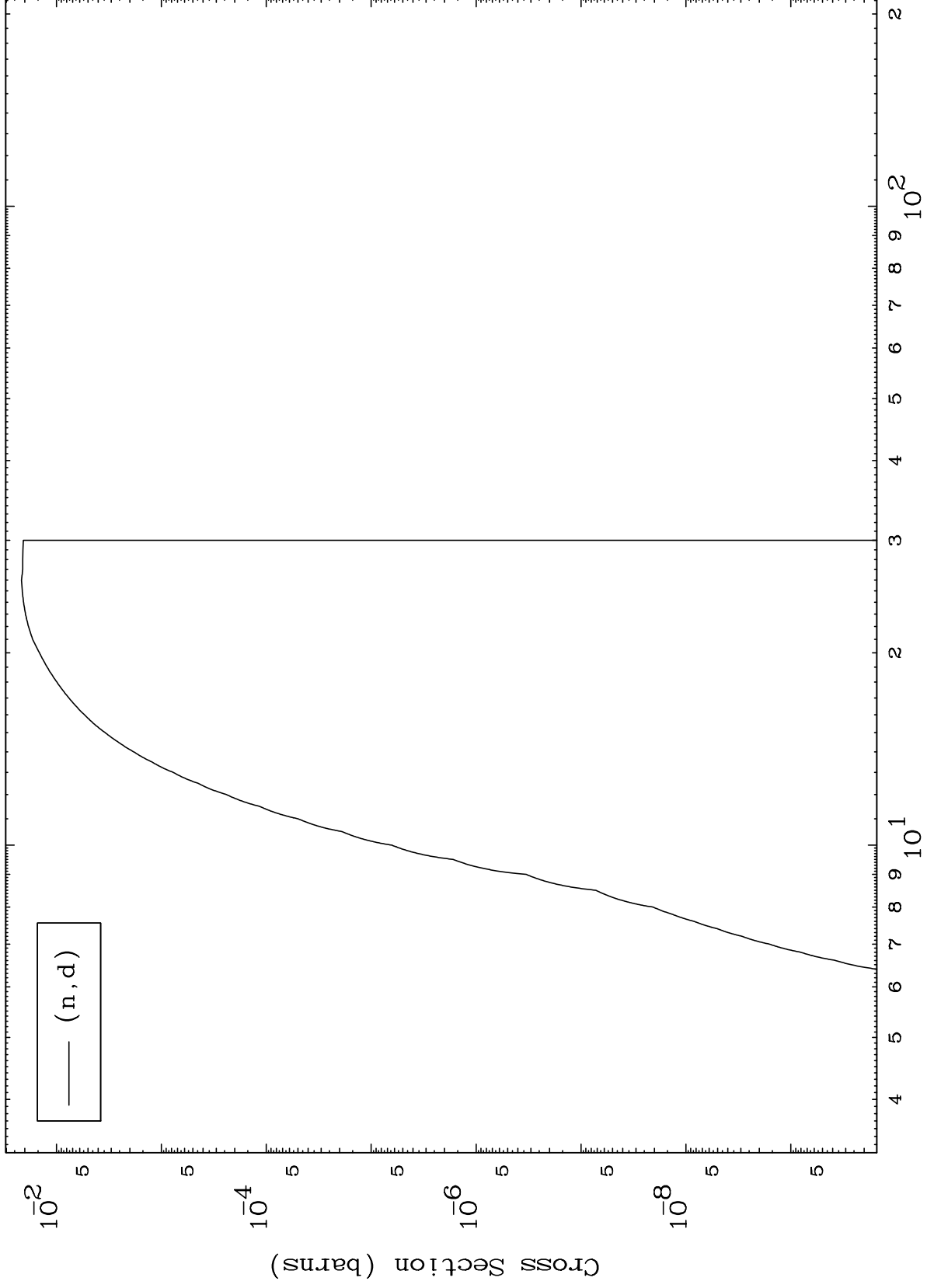
49-In-113m



MAT 4926

(n,d) Levels
293 Kelvin Cross Sections

49-In-113m



12

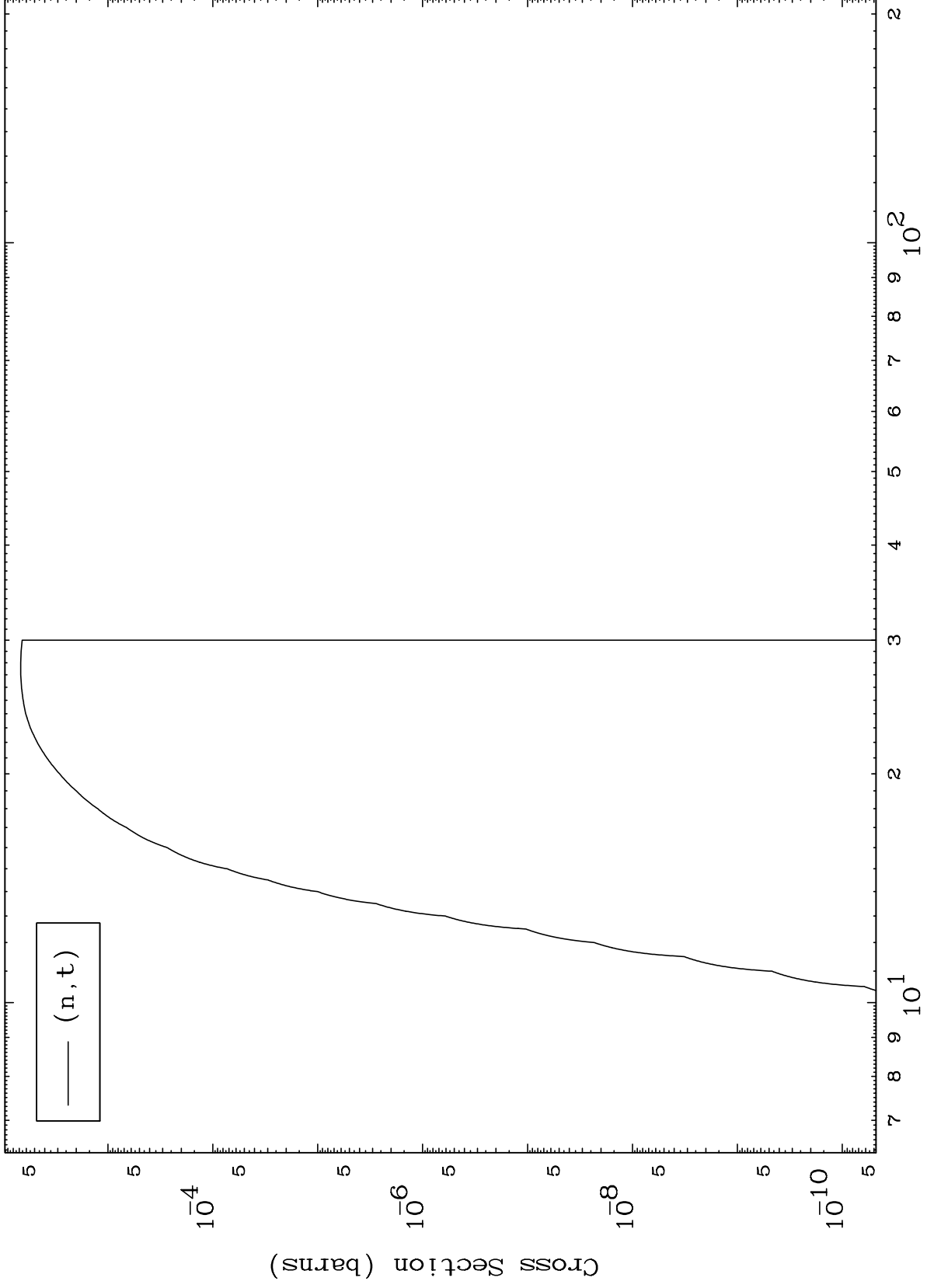
Incident Energy (MeV)

49-In-113m

MAT 4926

(n,t) Levels
293 Kelvin Cross Sections

49-In-113m



13

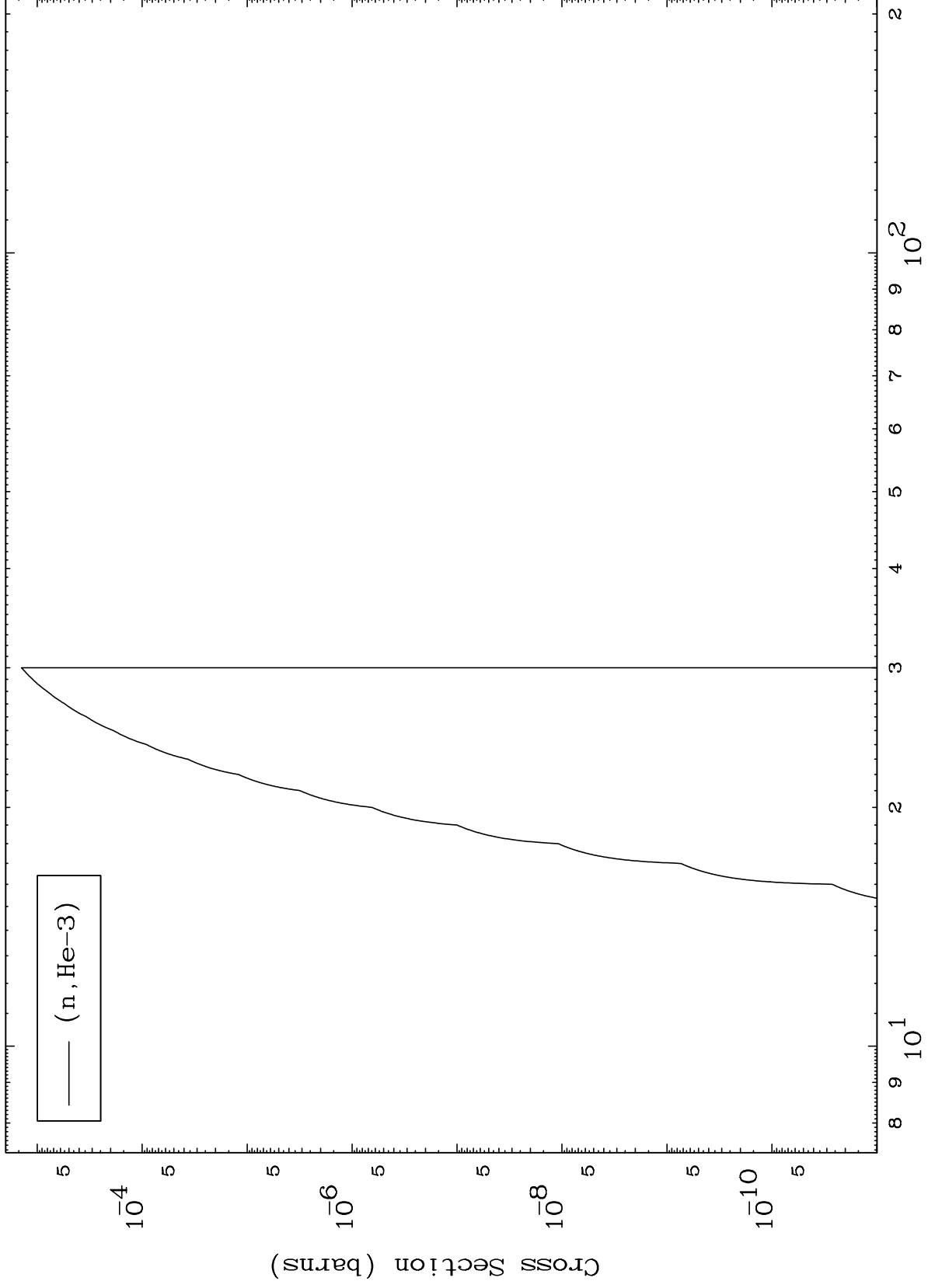
Incident Energy (MeV)

49-In-113m

MAT 4926

(n,He3) Levels
293 Kelvin Cross Sections

49-In-113m



14

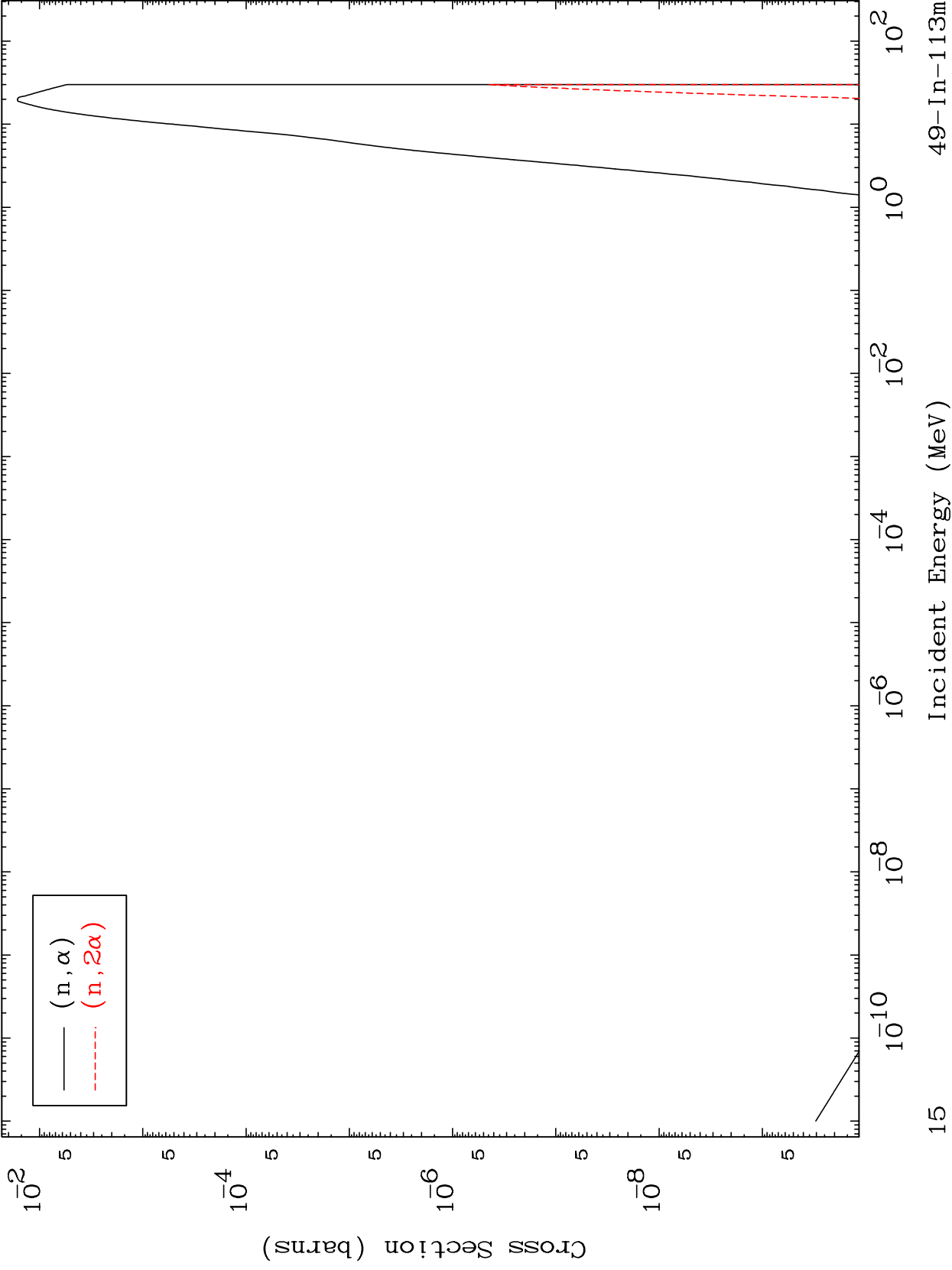
Incident Energy (MeV)

49-In-113m

MAT 4926

(n, α) Levels
293 Kelvin Cross Sections

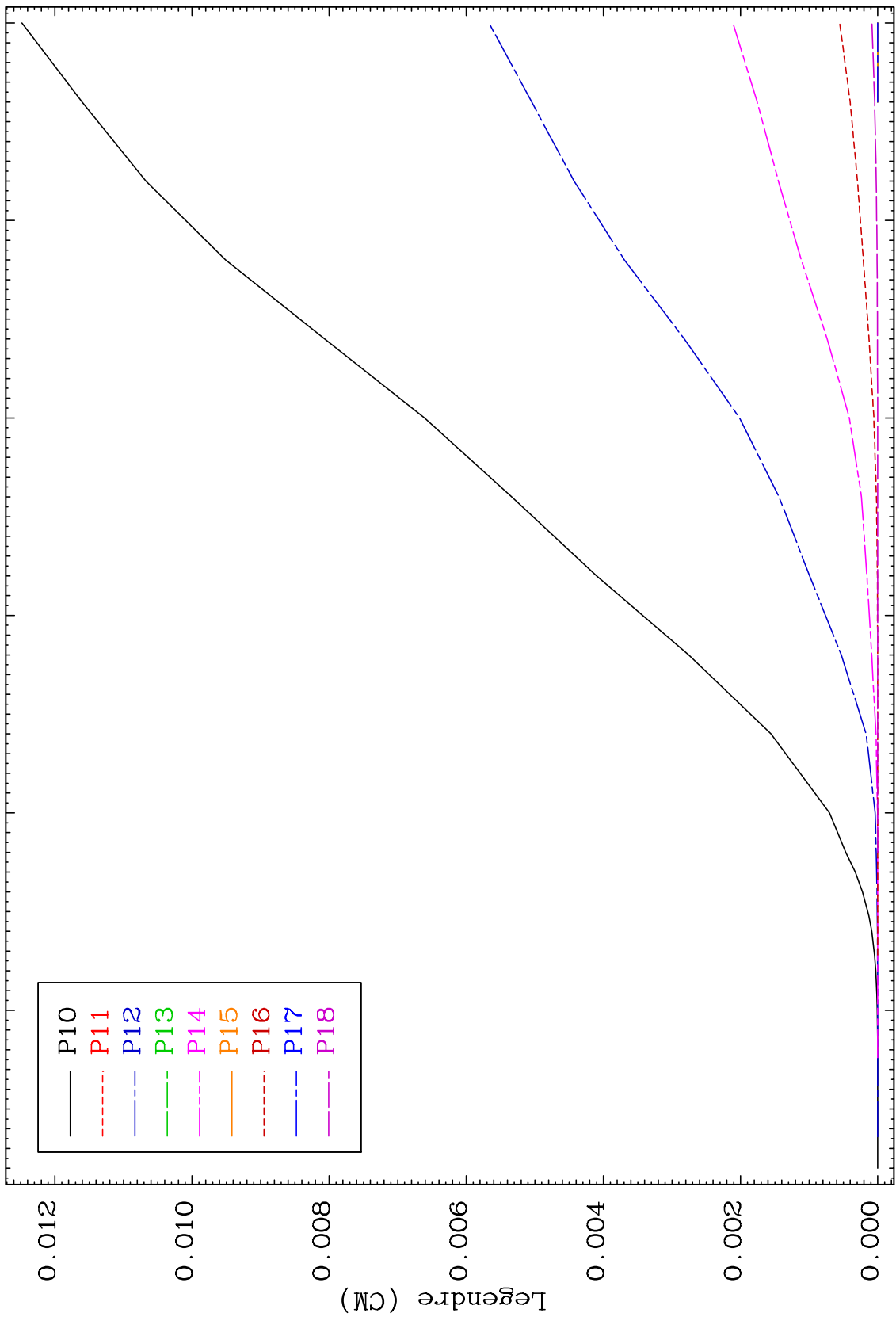
49-In-113m



MAT 4926

Elastic Legendre Coefficients

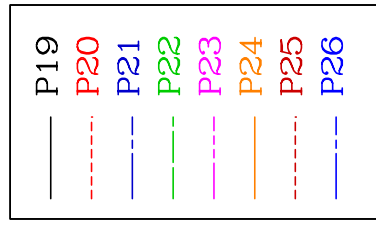
49-In-113m



MAT 4926

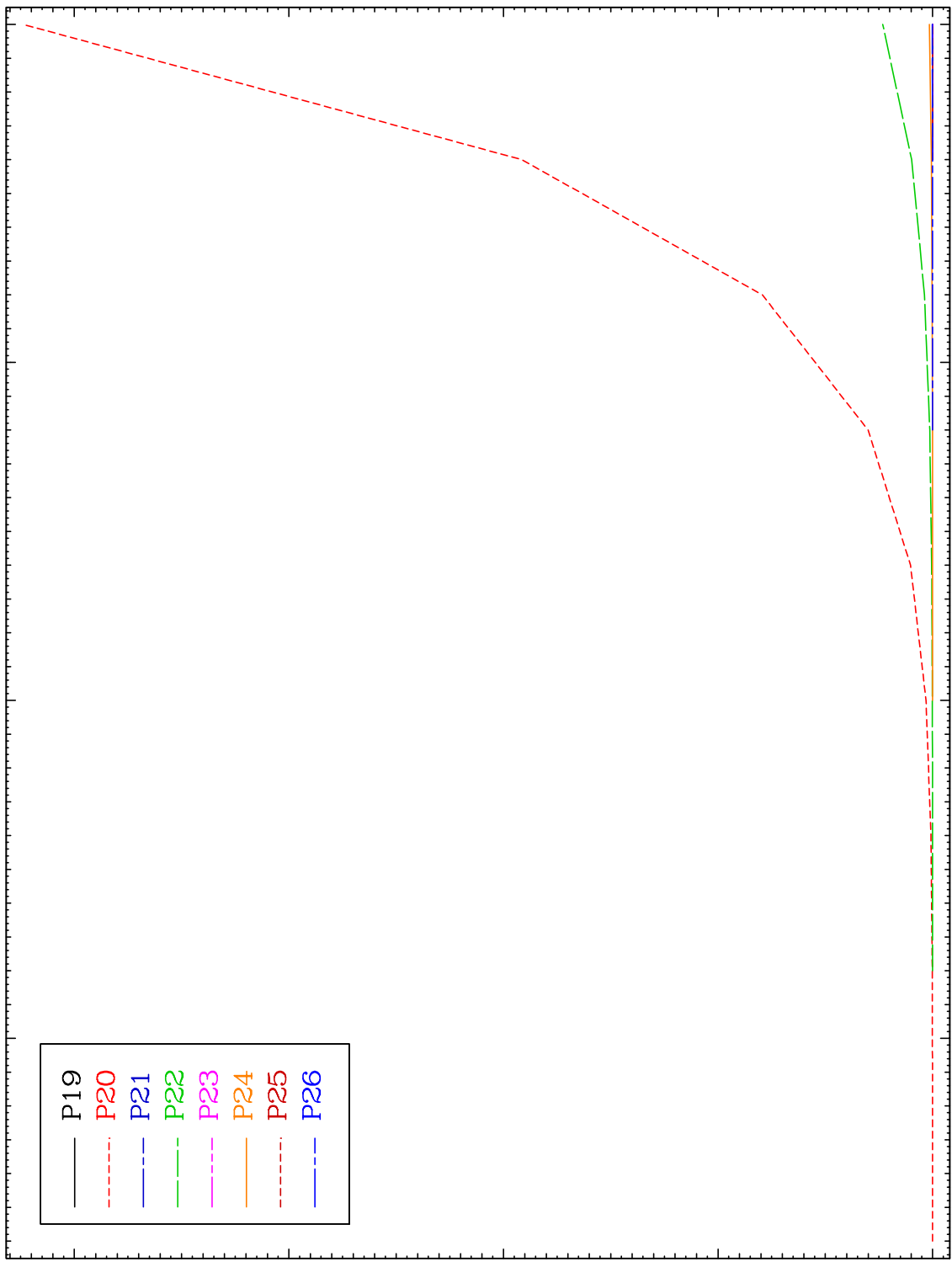
Elastic
Legendre Coefficients

49-In-113m



$\times 10^{-6}$

Legendre (CM)



18

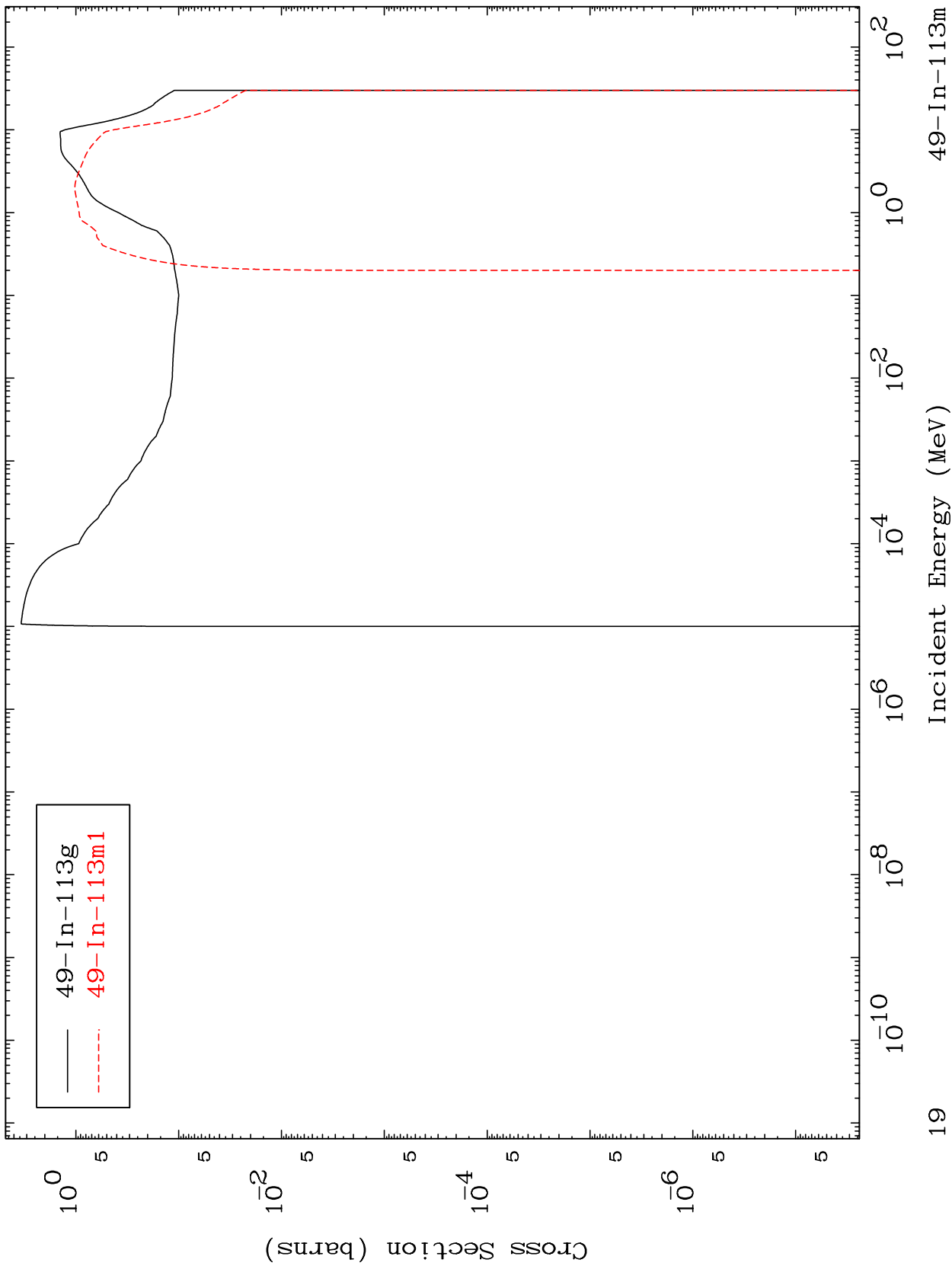
Incident Energy (MeV)

49-In-113m

MAT 4926

49-In-113m

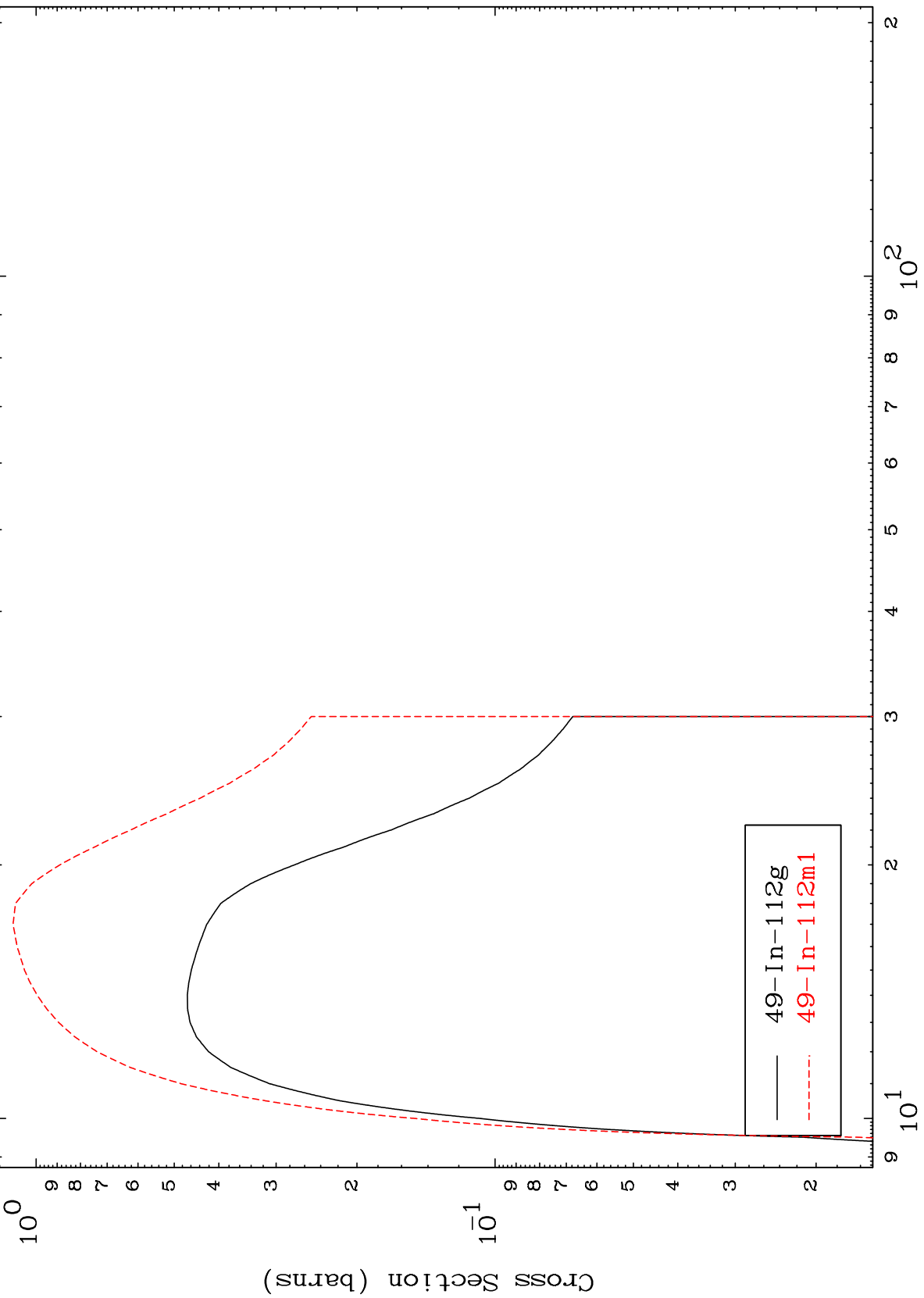
Inelastic
Radionuclide Production Cross Section



MAT 4926

49-In-113m

Radionuclide Production Cross Section
(n,2n)



— 49-In-112g
- - - 49-In-112m1

49-In-113m

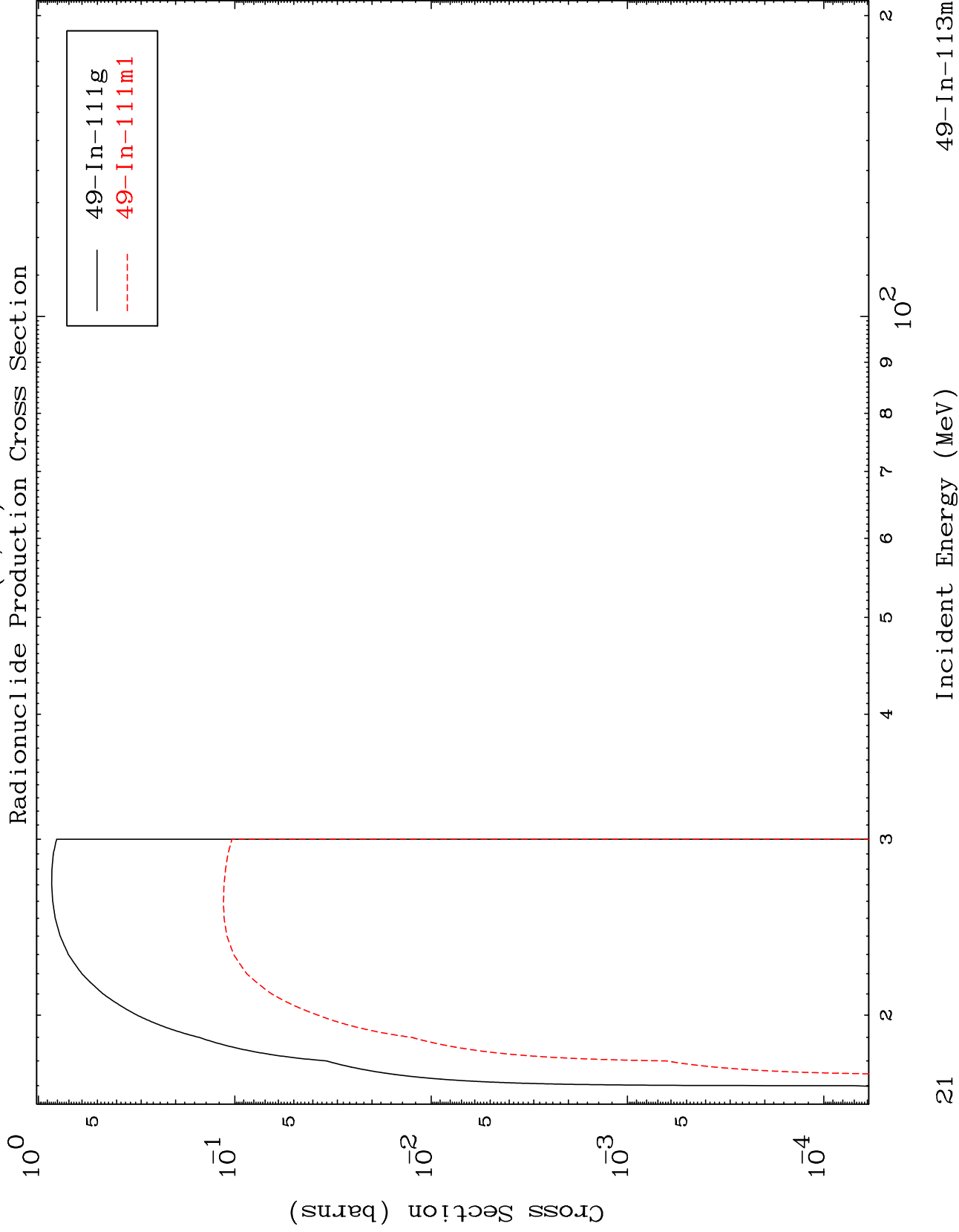
Incident Energy (MeV)

20

MAT 4926

(n,3n)

49-In-113m



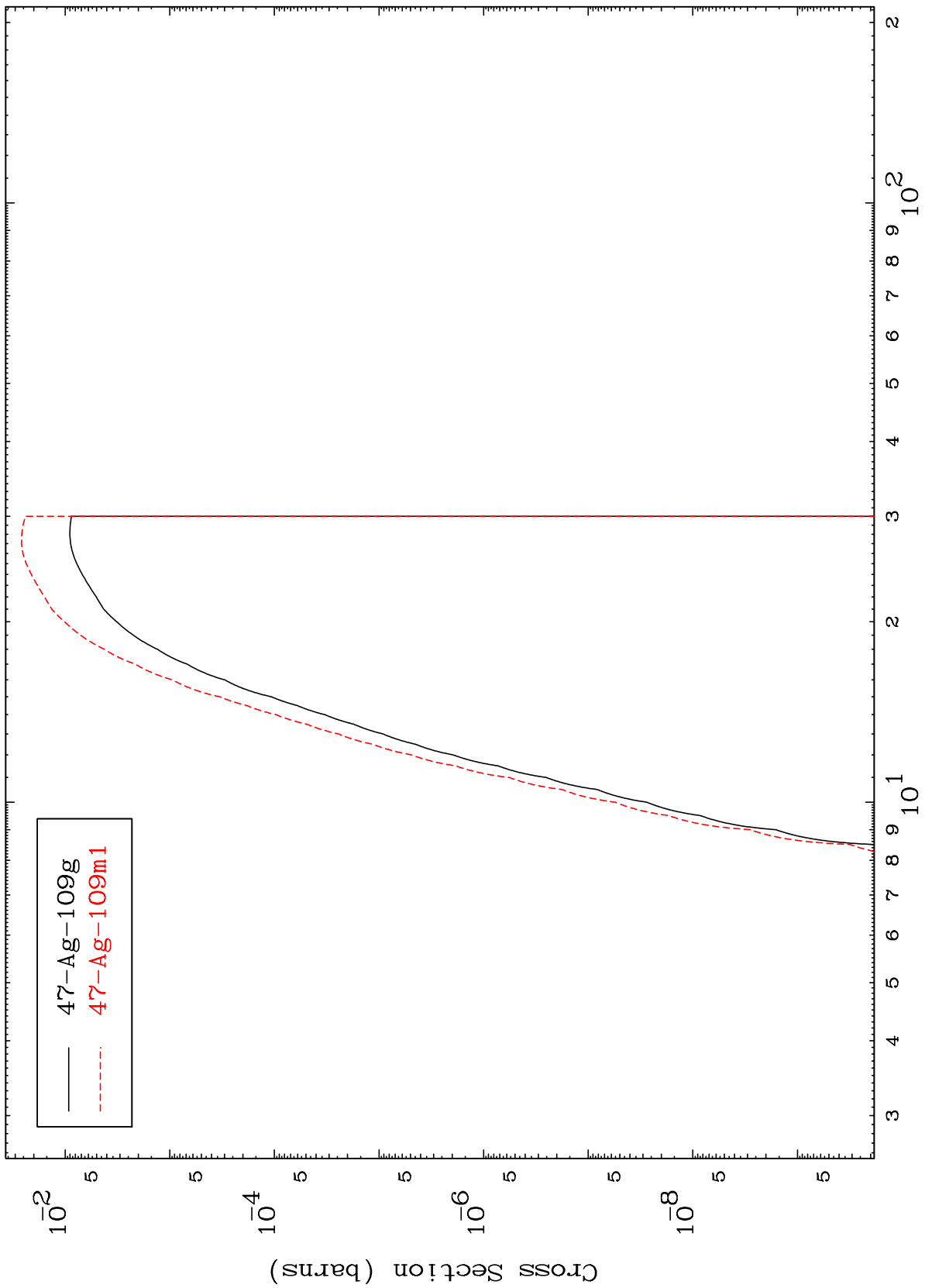
21

MAT 4926

(n,n') α

49-In-113m

Radionuclide Production Cross Section

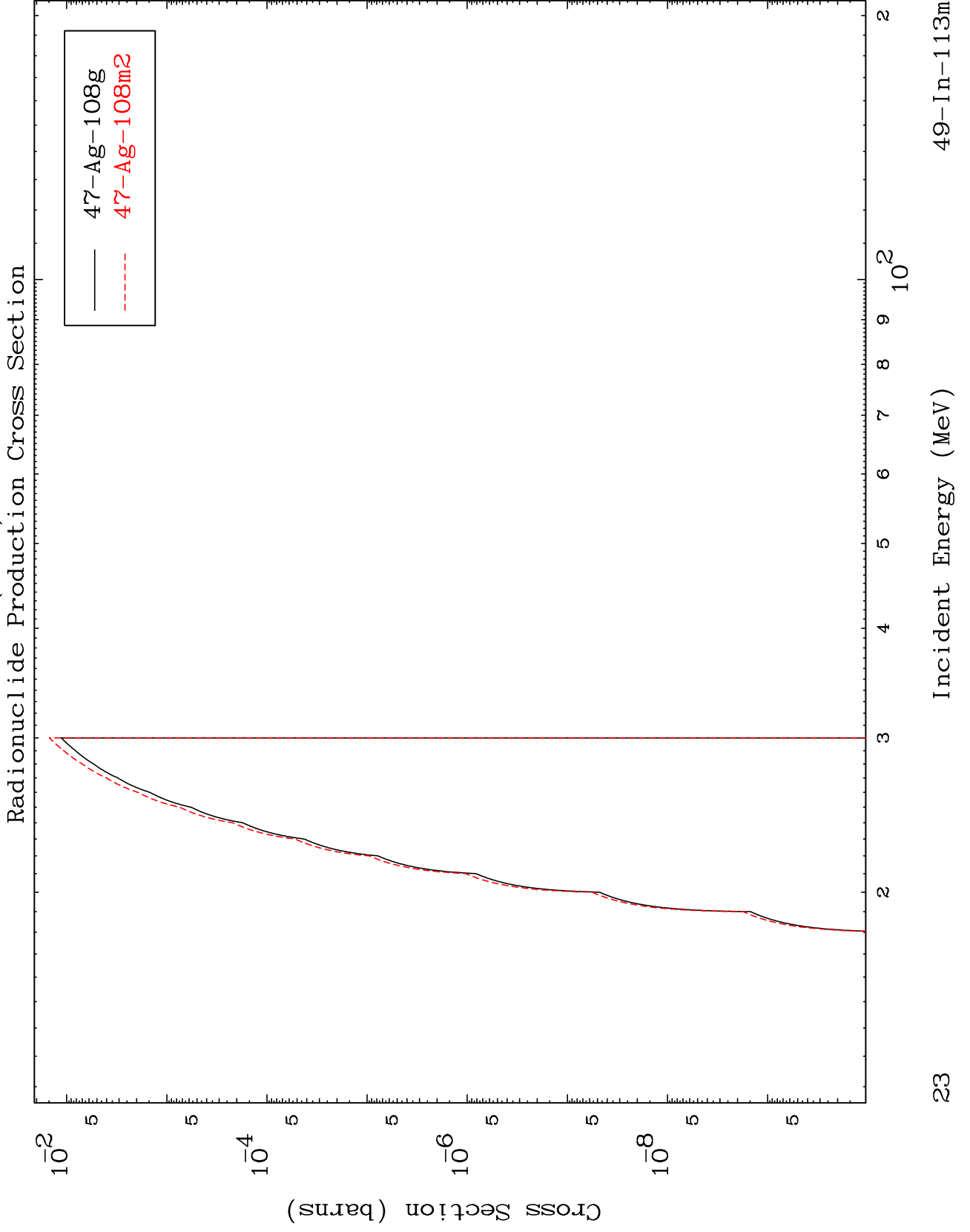


— 47-Ag-109g
- - - 47-Ag-109m1

Incident Energy (MeV)

49-In-113m

22

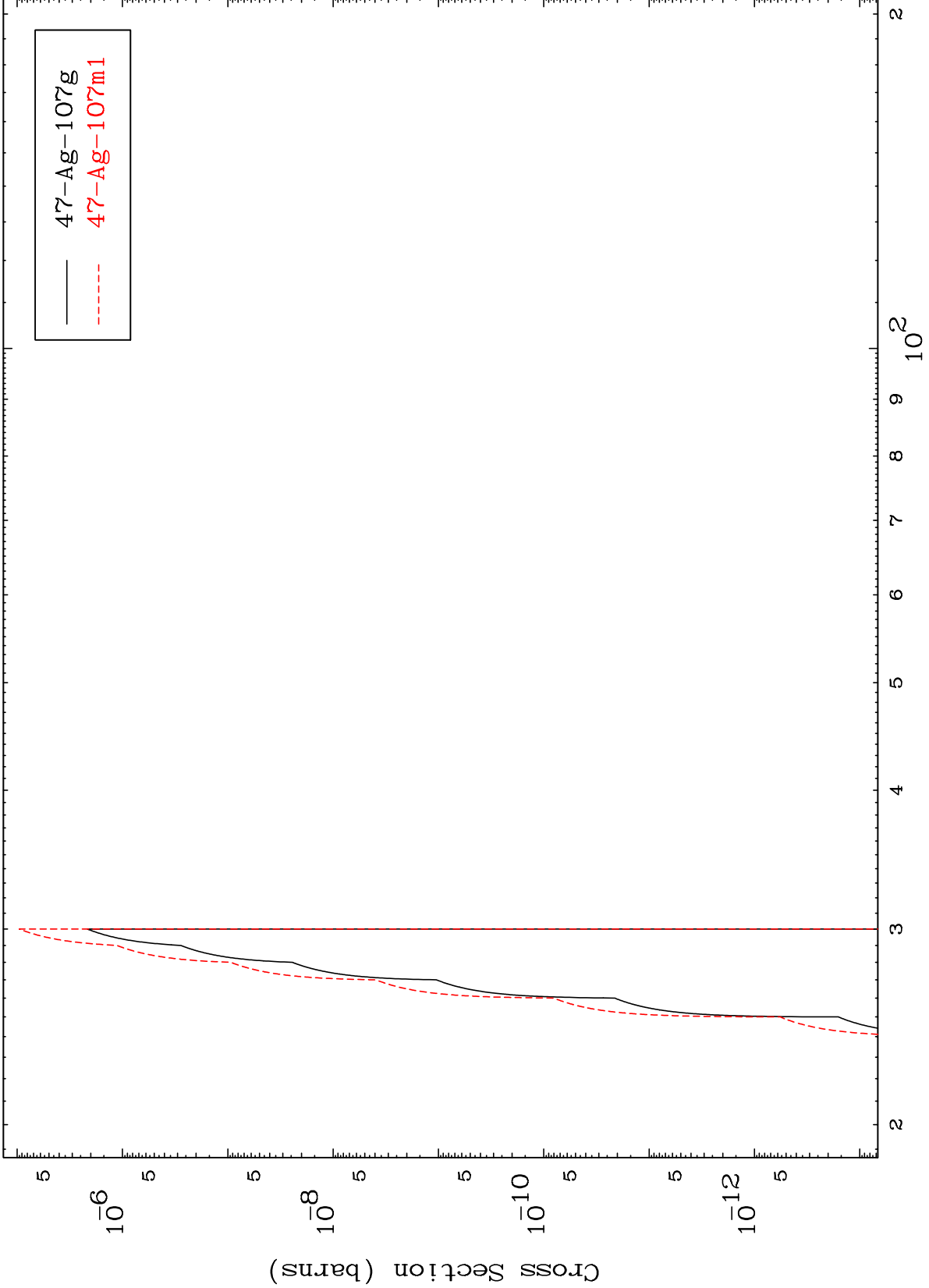


MAT 4926

(n,3n) α

49-In-113m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

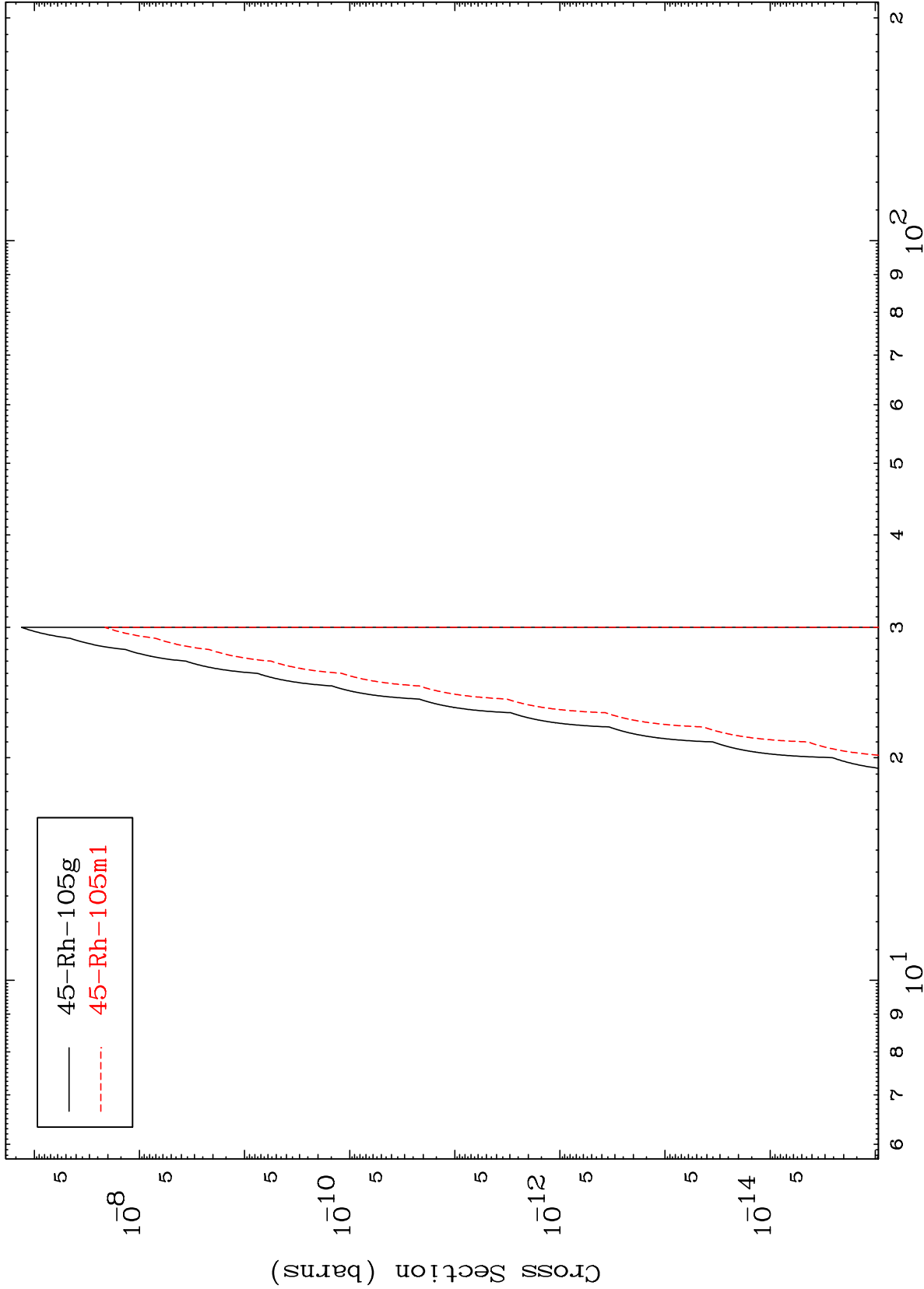
49-In-113m

MAT 4926

(n,n') 2α

49-In-113m

Radionuclide Production Cross Section



— 45-Rh-105g
- - - 45-Rh-105m1

25

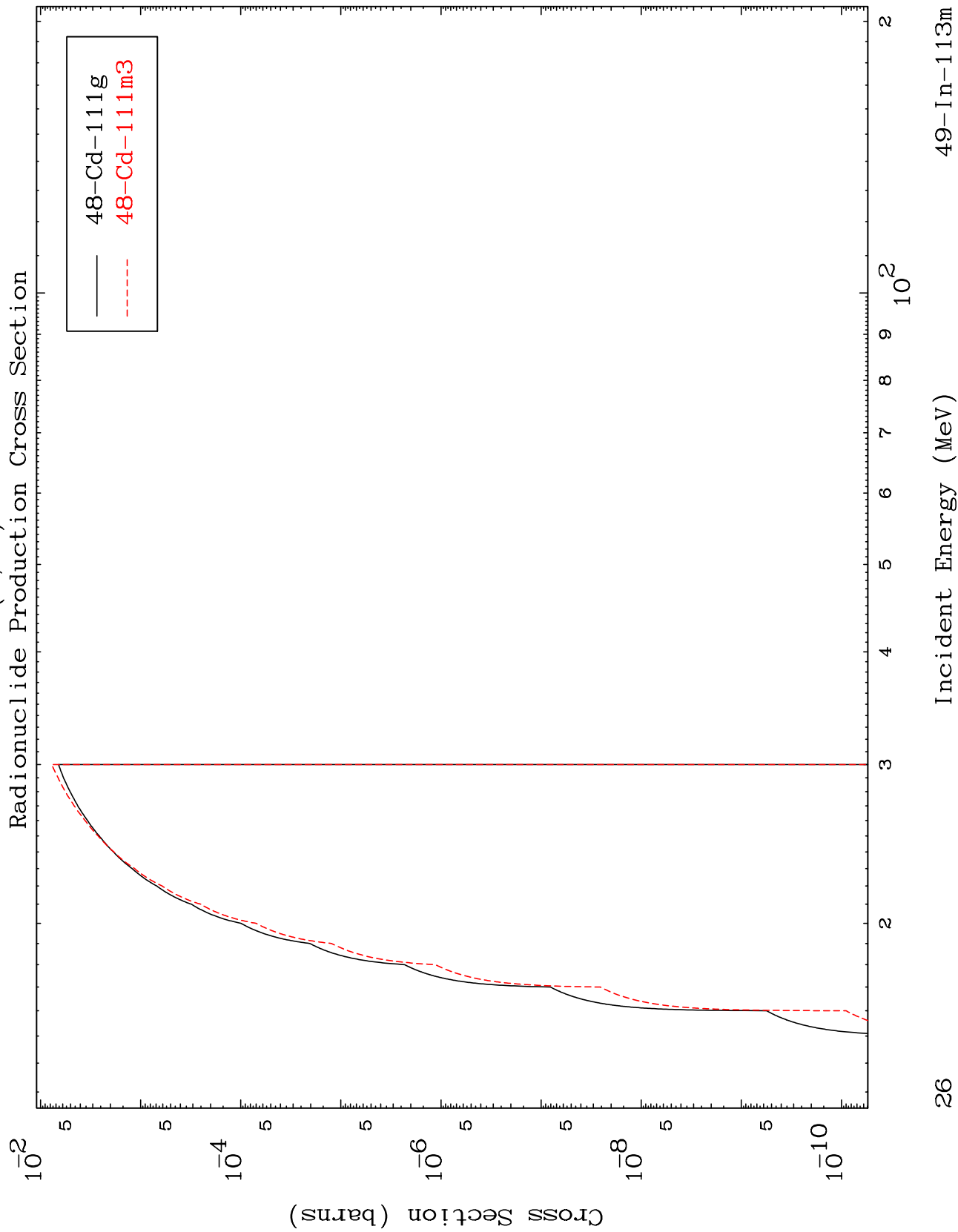
Incident Energy (MeV)

49-In-113m

MAT 4926

(n,n') d

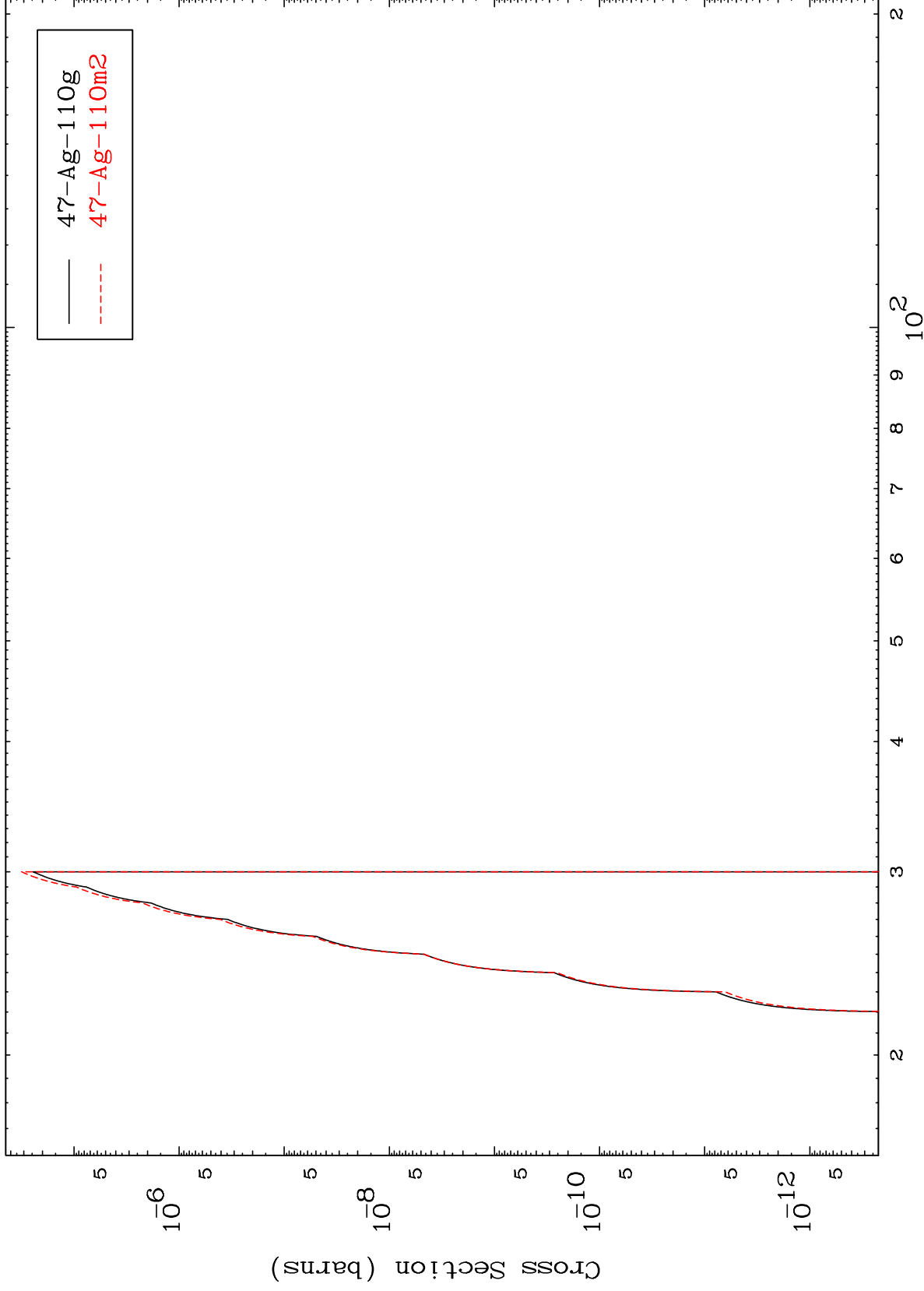
49-In-113m



26

49-In-113m

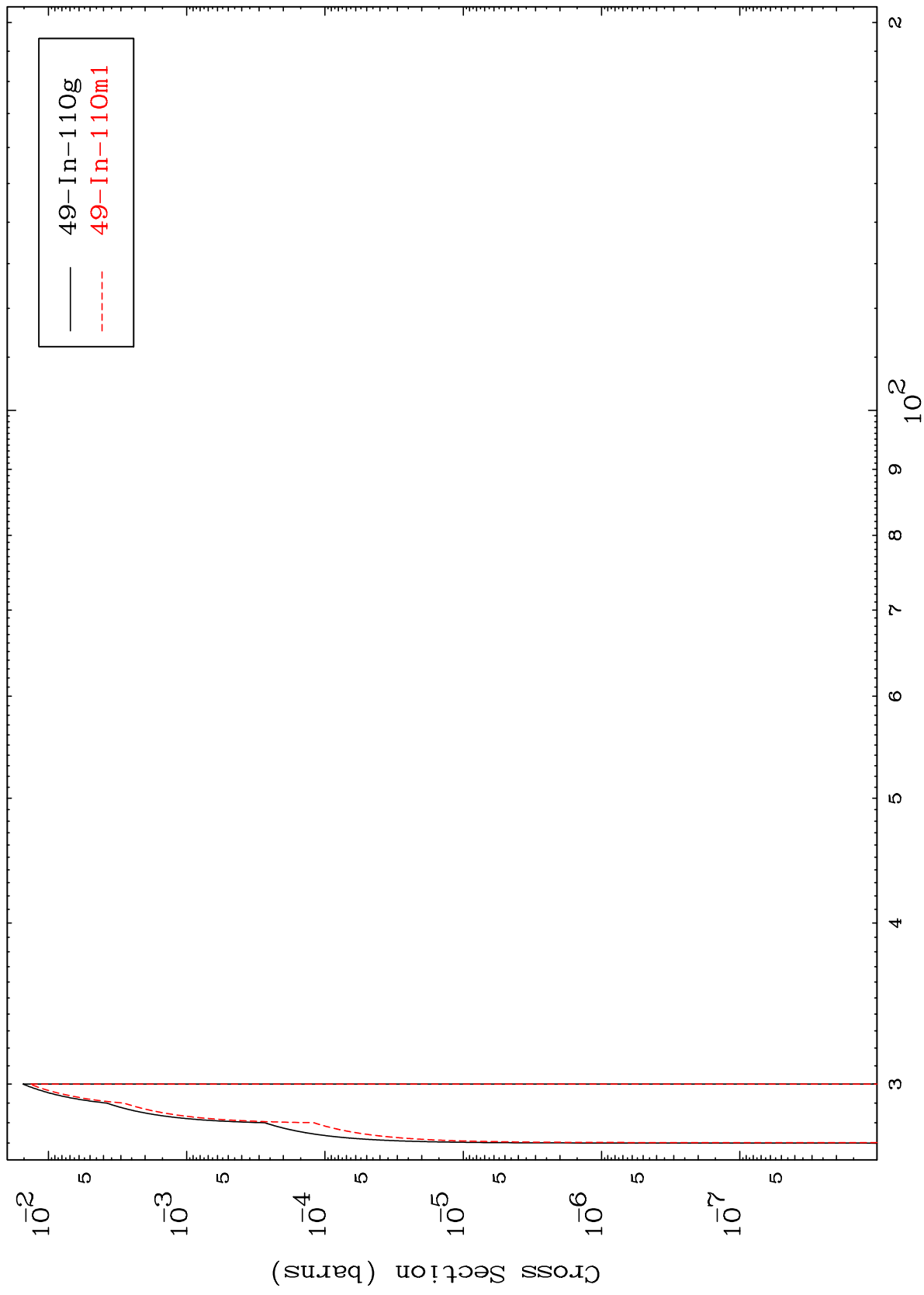
Radionuclide Production Cross Section



MAT 4926

49-In-113m

(n,4n)
Radionuclide Production Cross Section



28

49-In-113m

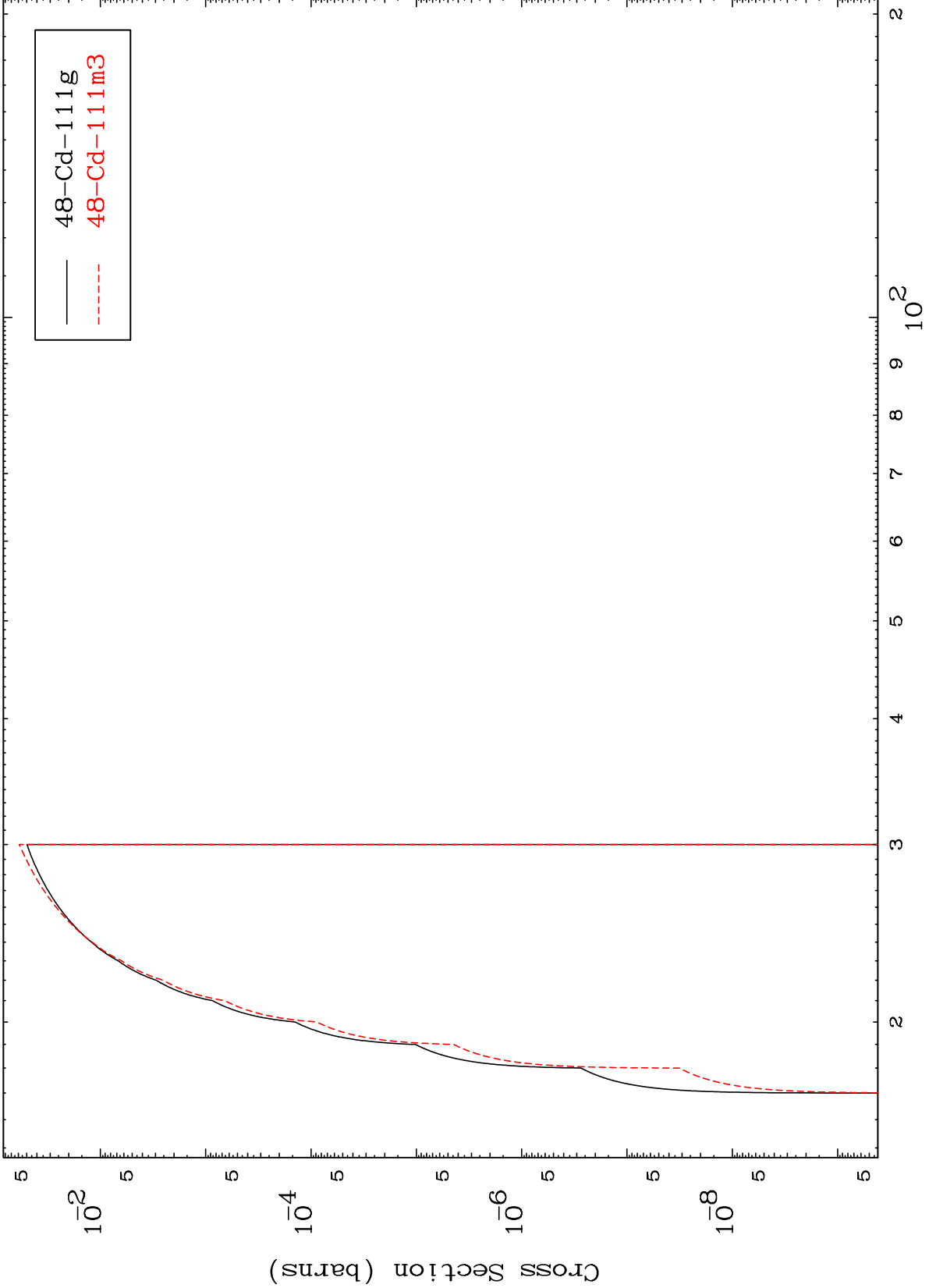
Incident Energy (MeV)

MAT 4926

(n,2n) p

49-In-113m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

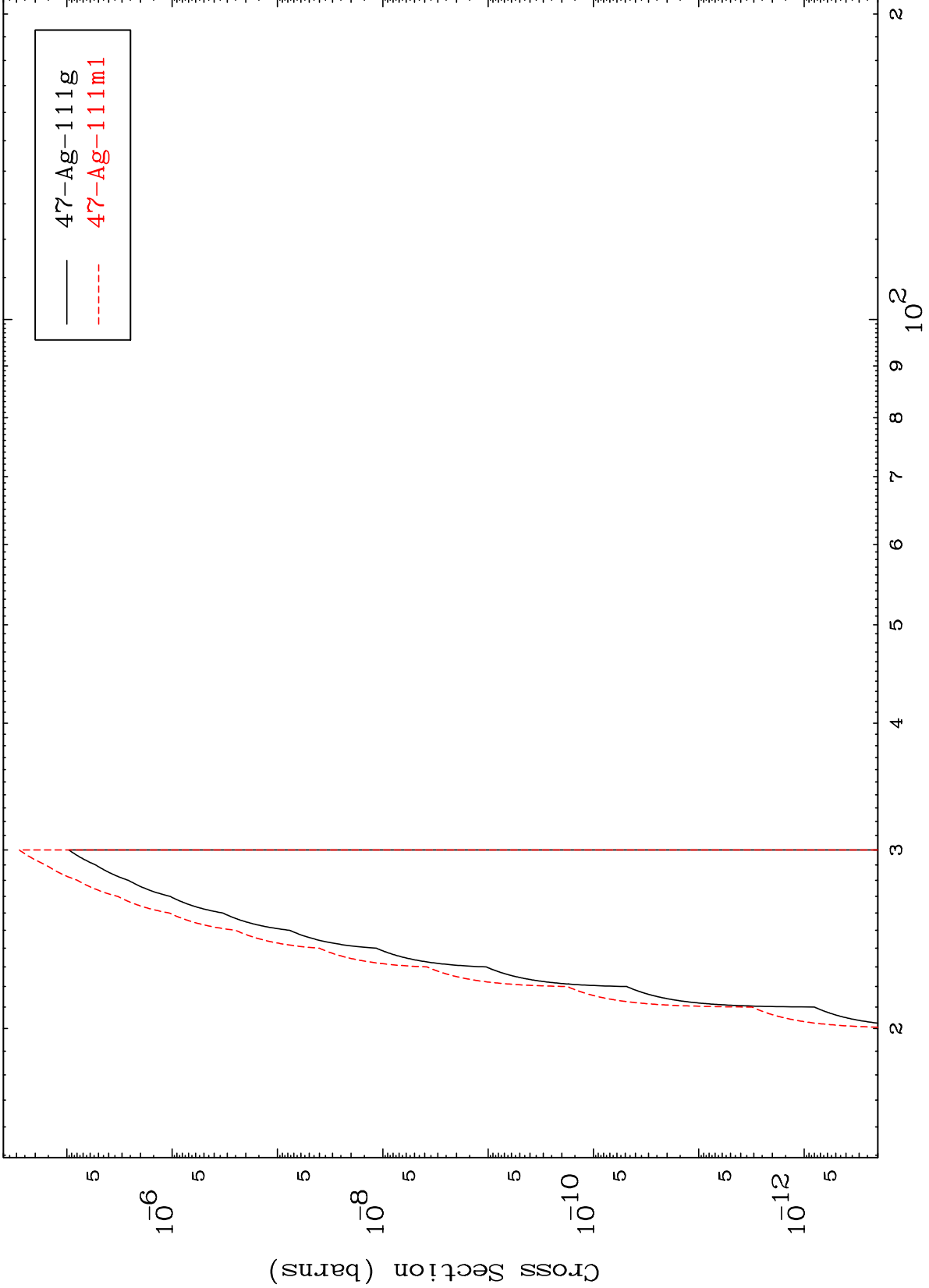
49-In-113m

MAT 4926

(n,2n) p

49-In-113m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

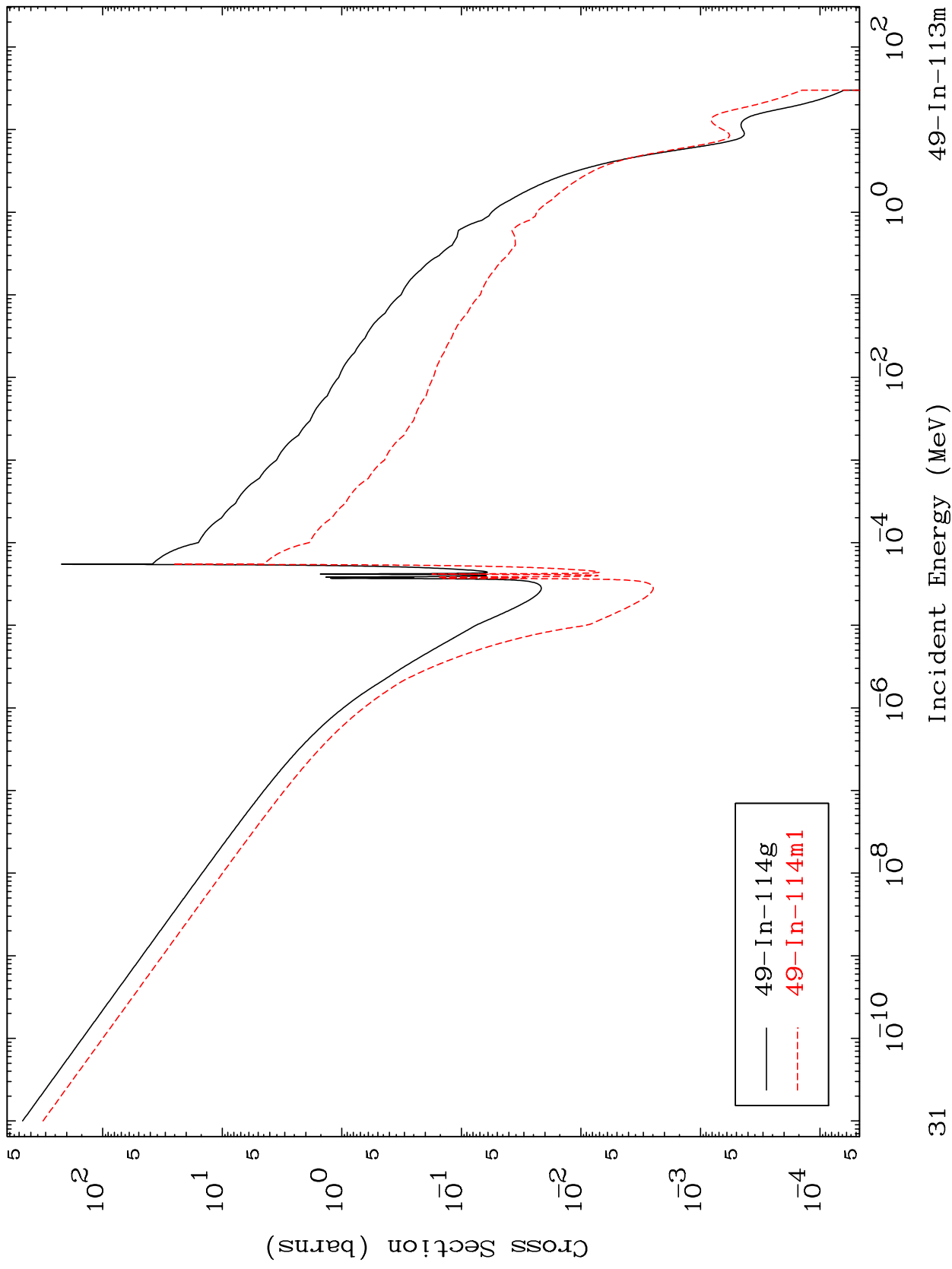
49-In-113m

MAT 4926

49-In-113m

Radionuclide Production Cross Section

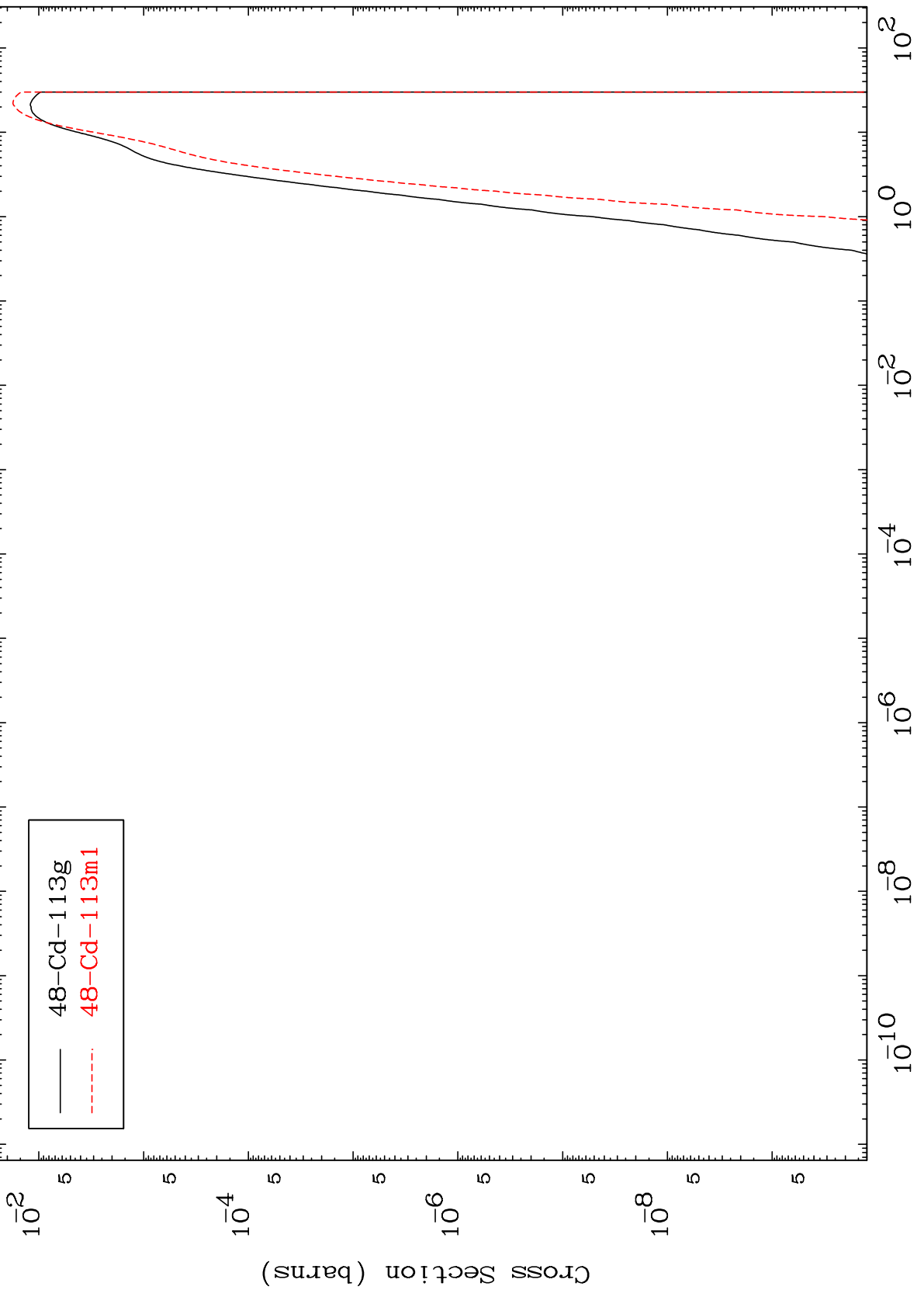
(n, γ)



MAT 4926

(n,p)
Radionuclide Production Cross Section

49-In-113m



— 48-Cd-113g
- - - 48-Cd-113m1

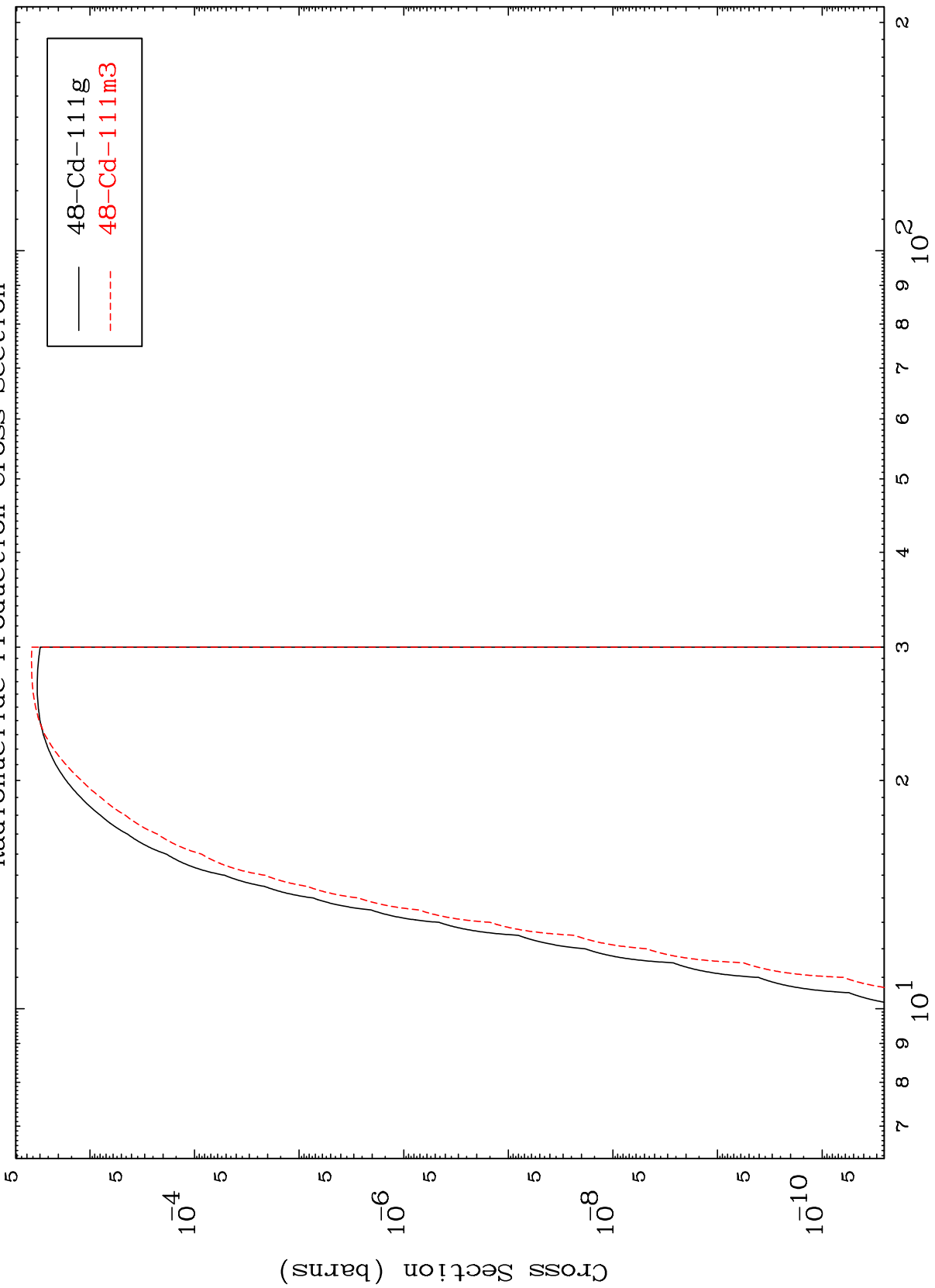
Incident Energy (MeV)

49-In-113m

MAT 4926

49-In-113m

(n, t)
Radionuclide Production Cross Section



48-Cd-111g
48-Cd-111m3

33

Incident Energy (MeV)

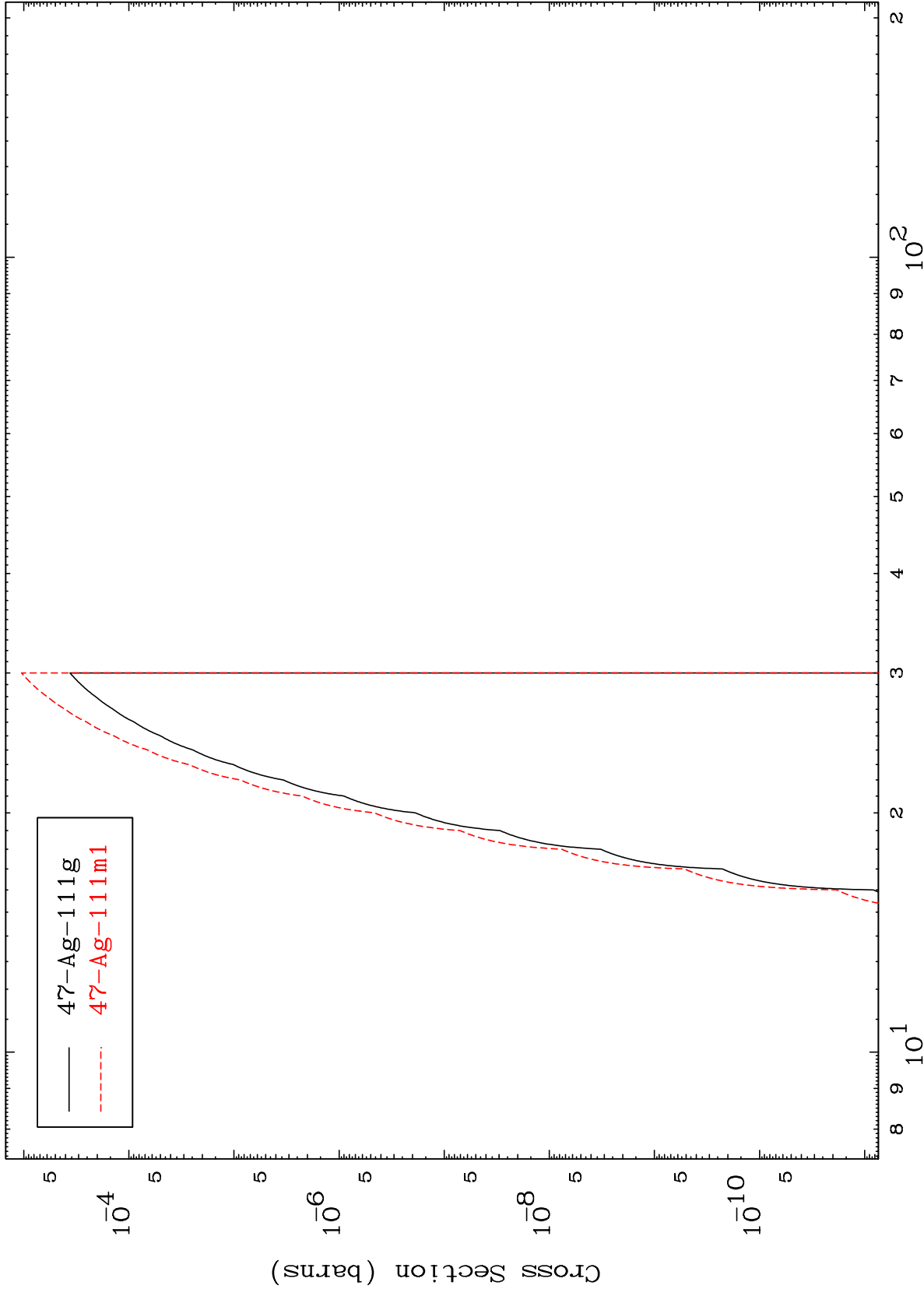
49-In-113m

MAT 4926

(n,He-3)

49-In-113m

Radionuclide Production Cross Section

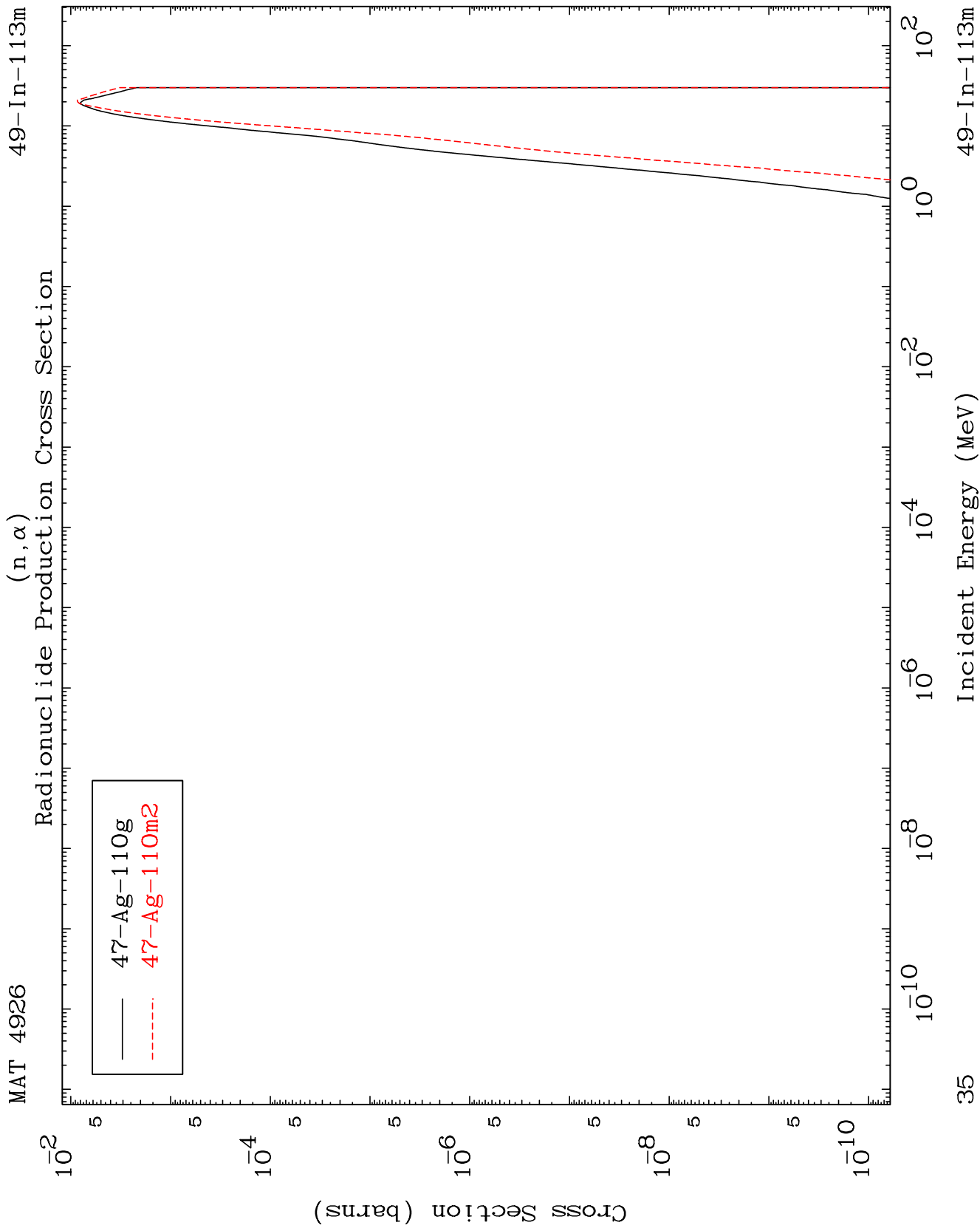


34

Incident Energy (MeV)

49-In-113m

MAT 4926

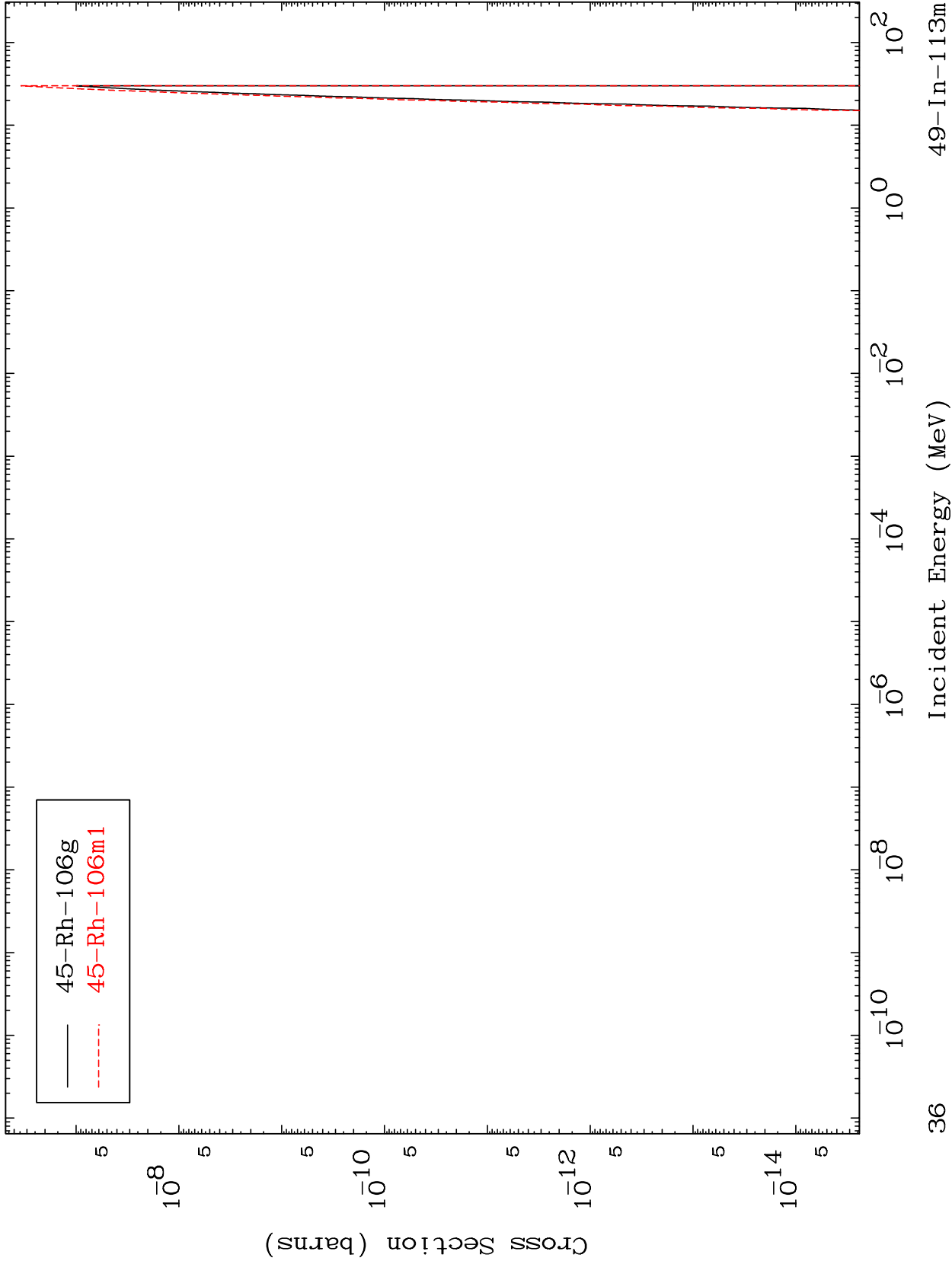


MAT 4926

(n,2α)

49-In-113m

Radionuclide Production Cross Section

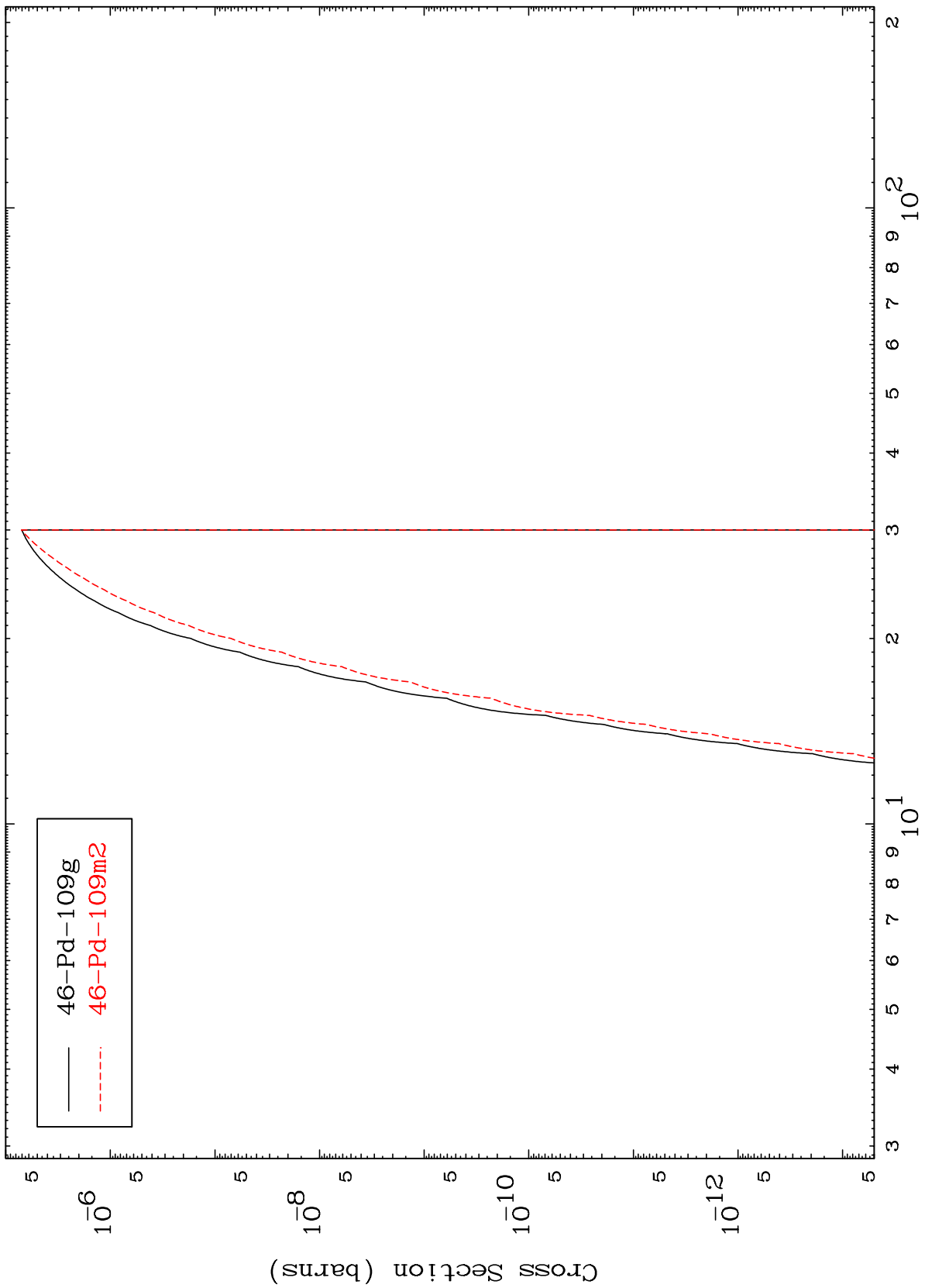


MAT 4926

(n,p) α

49-In-113m

Radionuclide Production Cross Section



— 46-Pd-109g
- - - 46-Pd-109m2

Incident Energy (MeV)

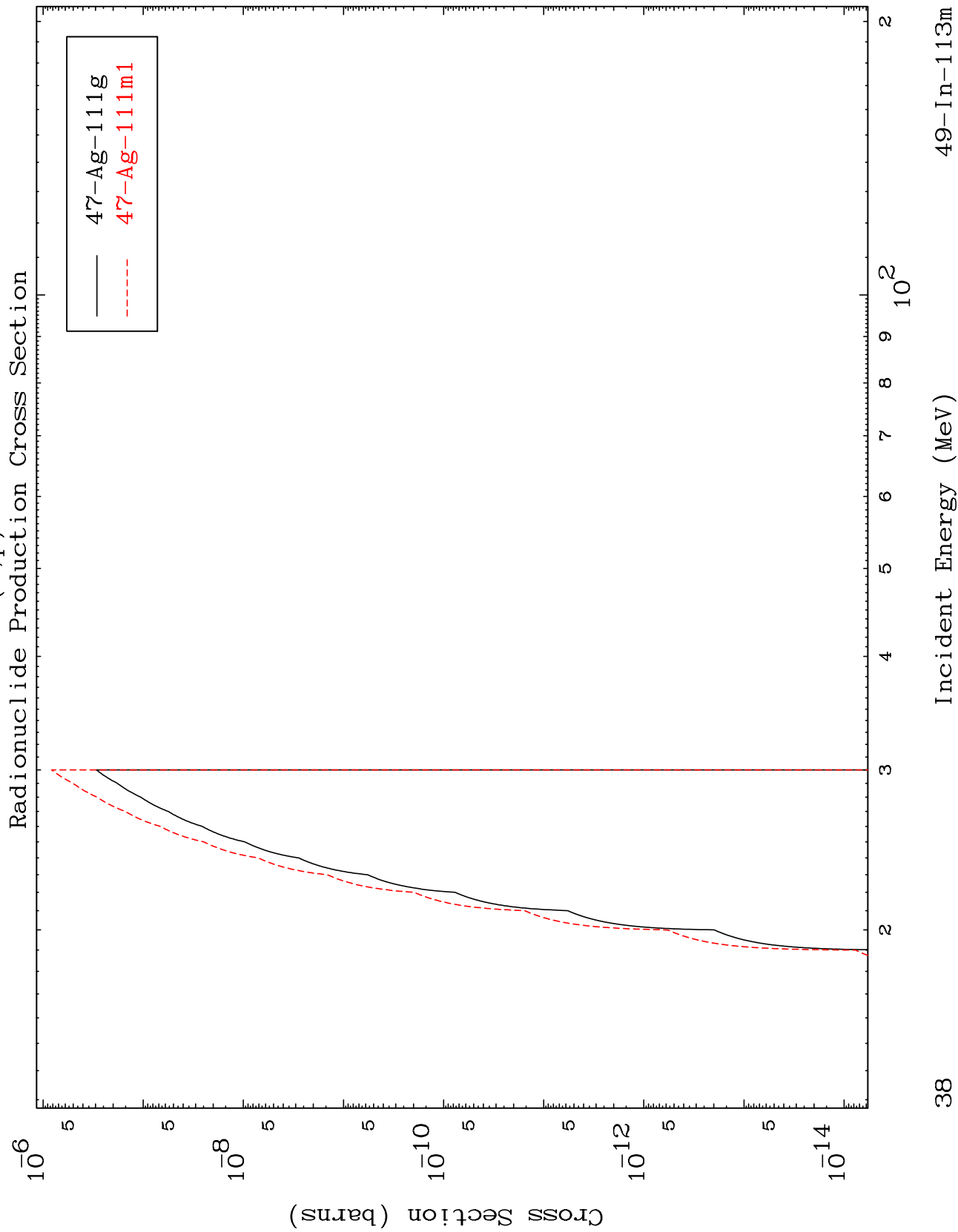
49-In-113m

37

MAT 4926

(n,p) d

49-In-113m



38

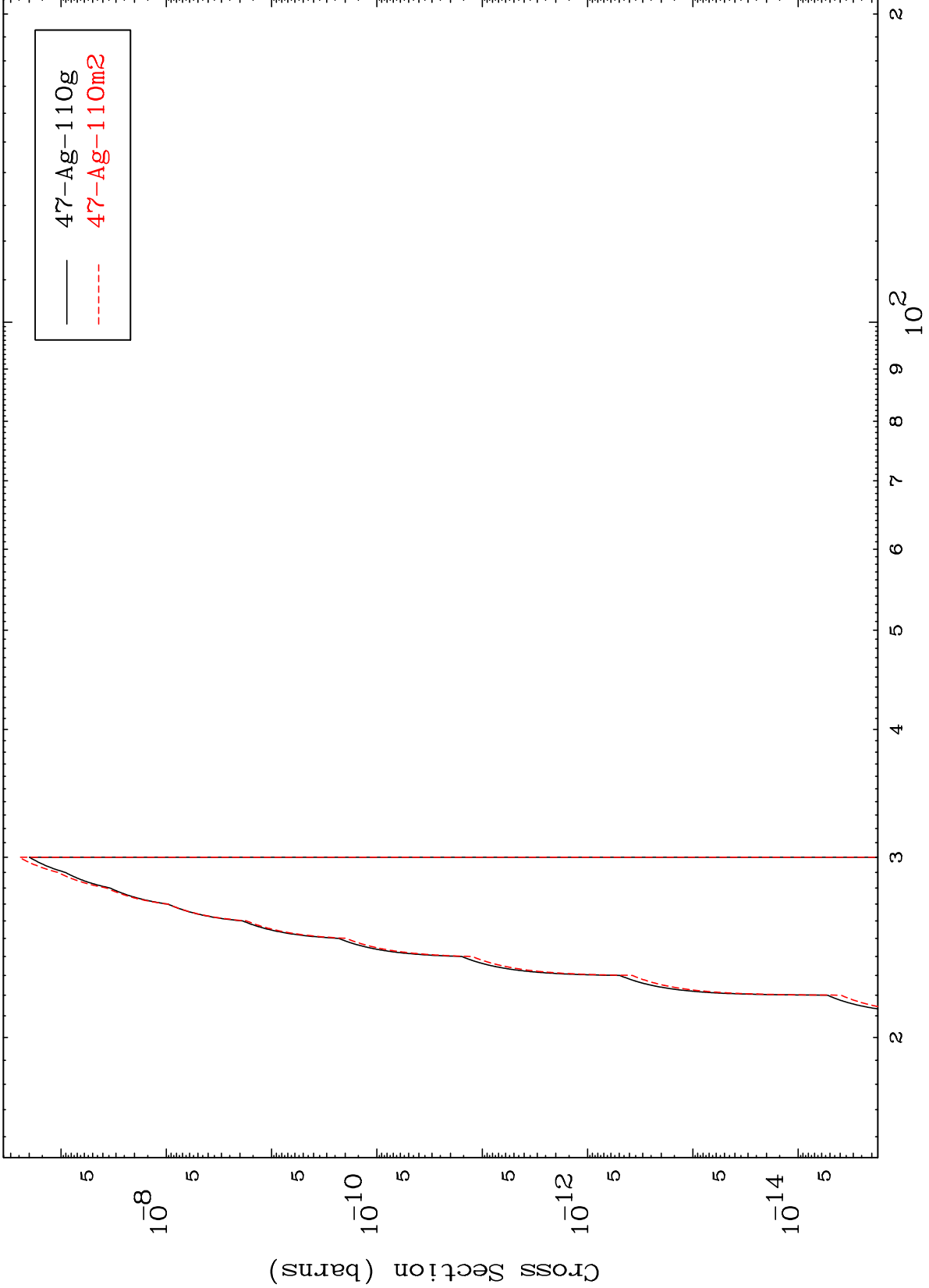
49-In-113m

MAT 4926

(n,p) t

49-In-113m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

49-In-113m