

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

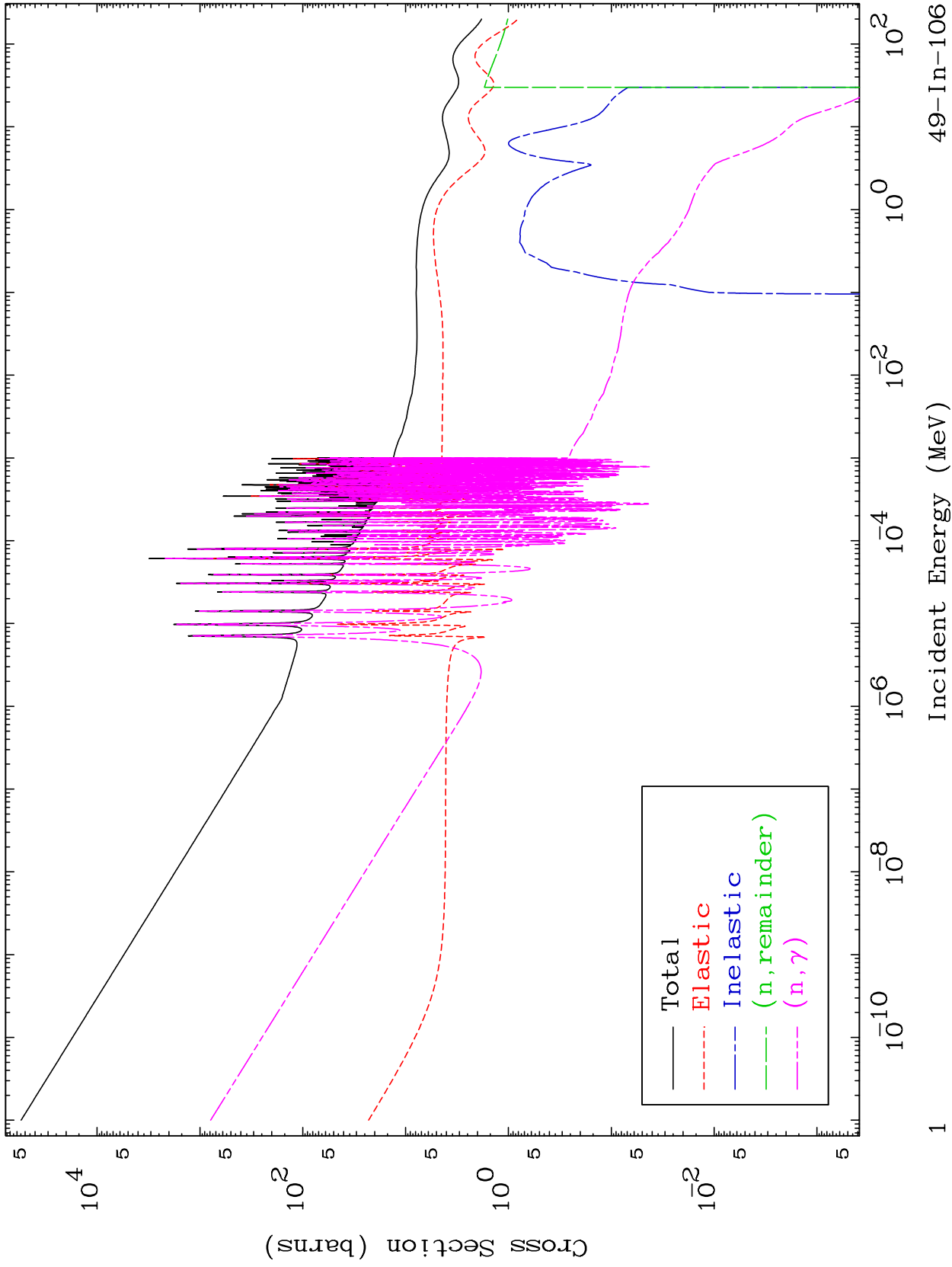
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4905

Major
293 Kelvin Cross Sections

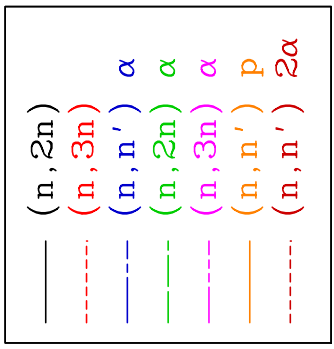
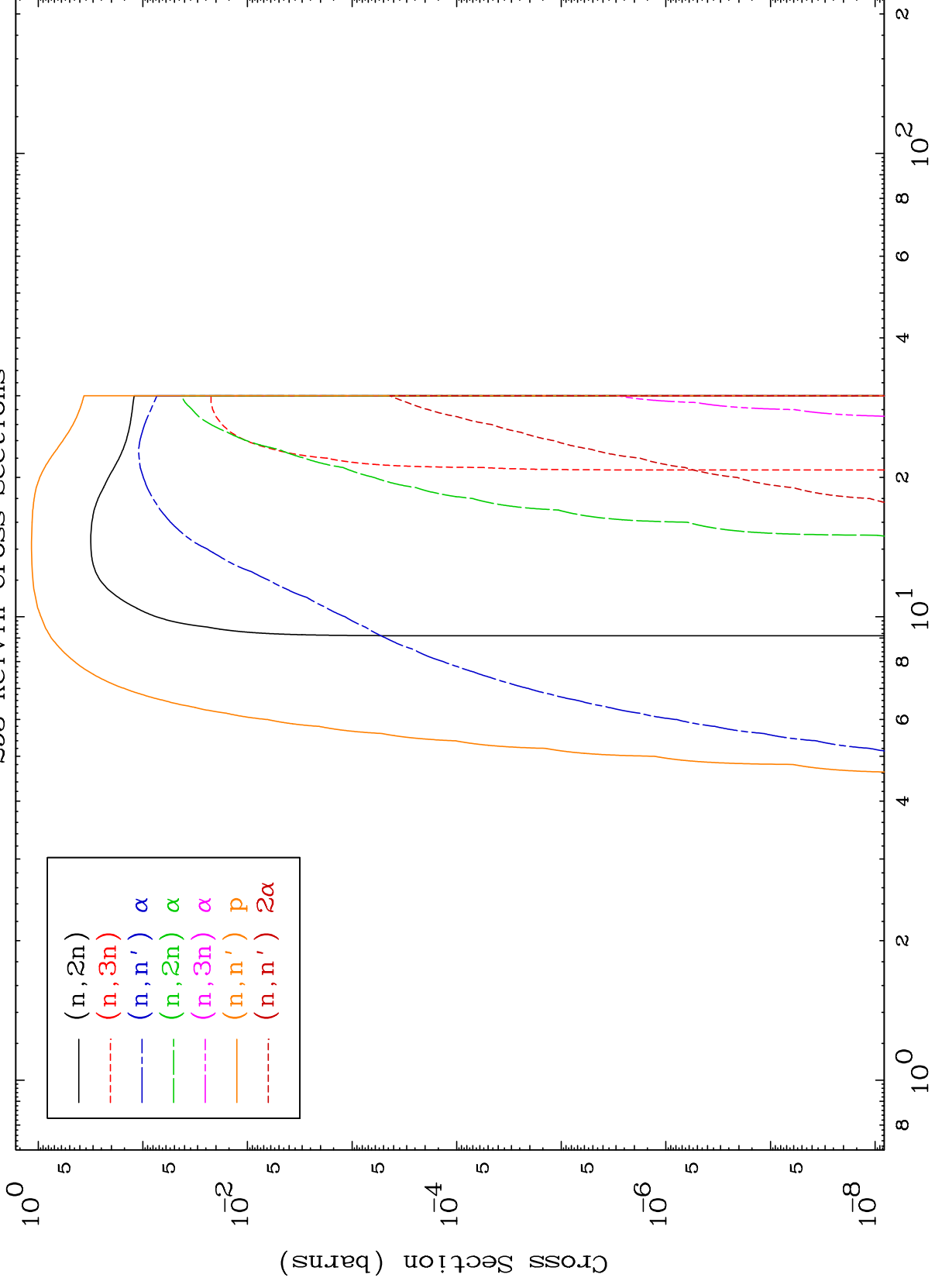
49-In-106



MAT 4905

Neutron Production
293 Kelvin Cross Sections

49-In-106



49-In-106

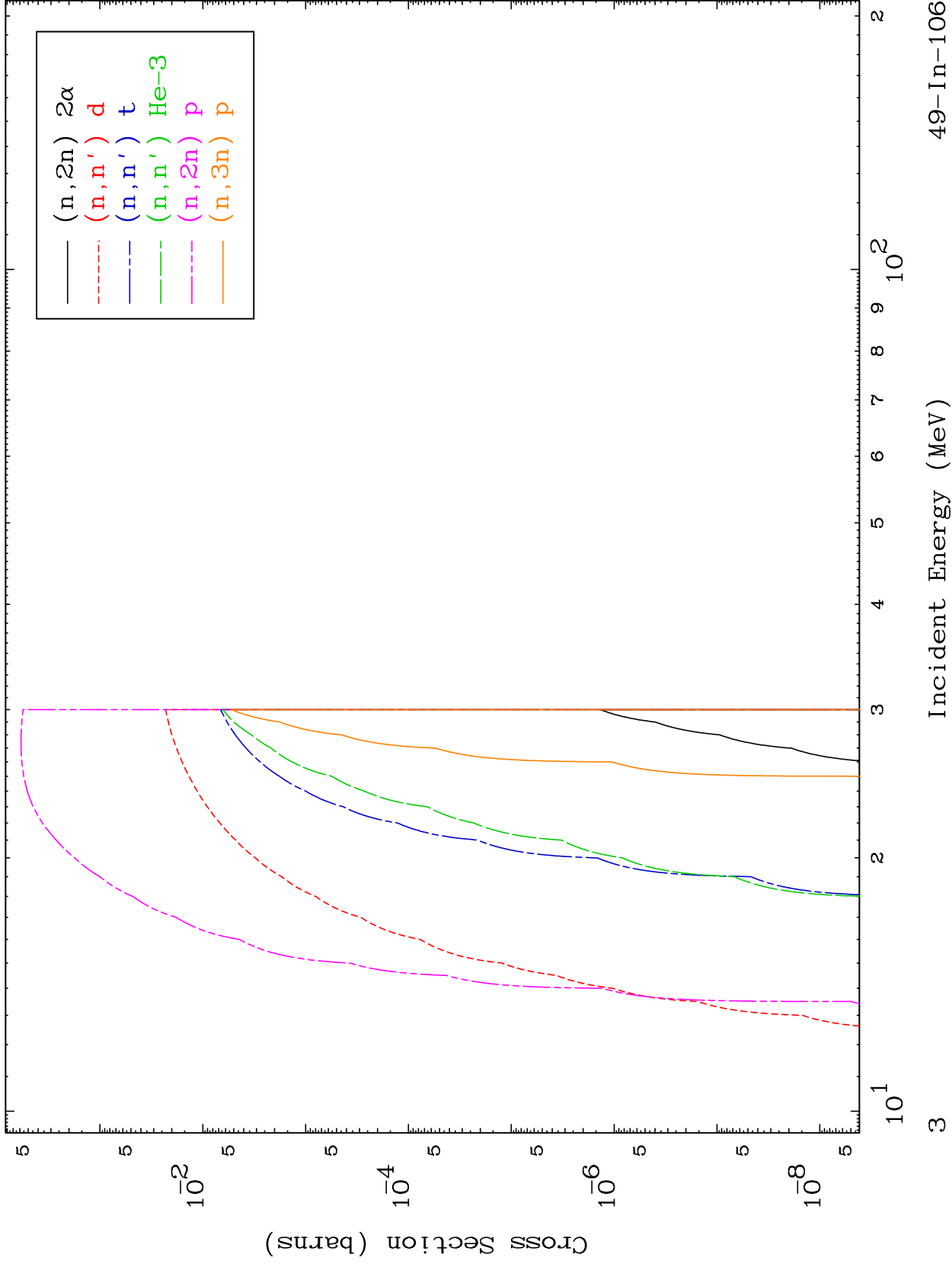
Incident Energy (MeV)

2

MAT 4905

Neutron Production
293 Kelvin Cross Sections

49-In-106



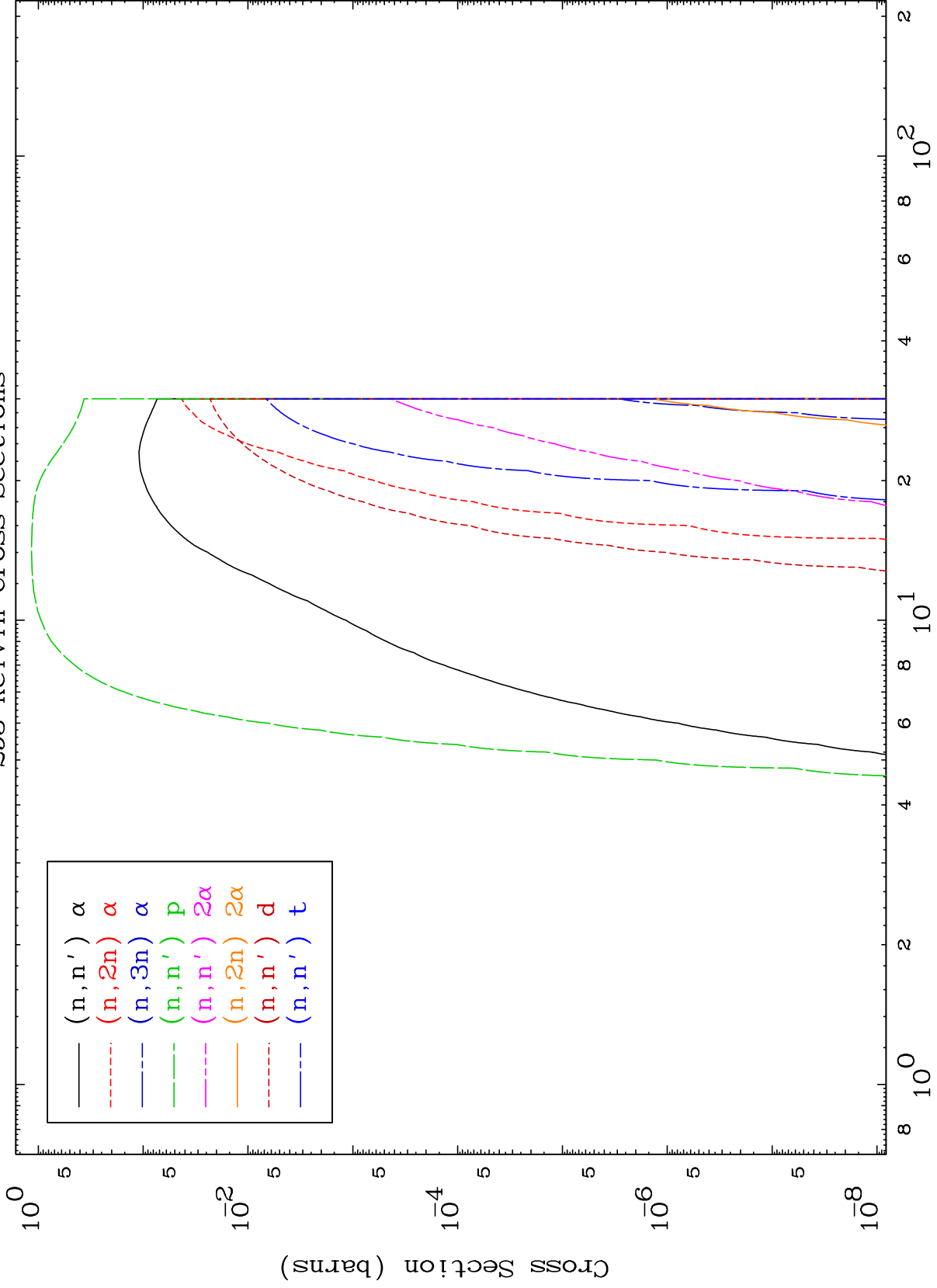
49-In-106

Incident Energy (MeV)

MAT 4905

Charged Particle
293 Kelvin Cross Sections

49-In-106



4

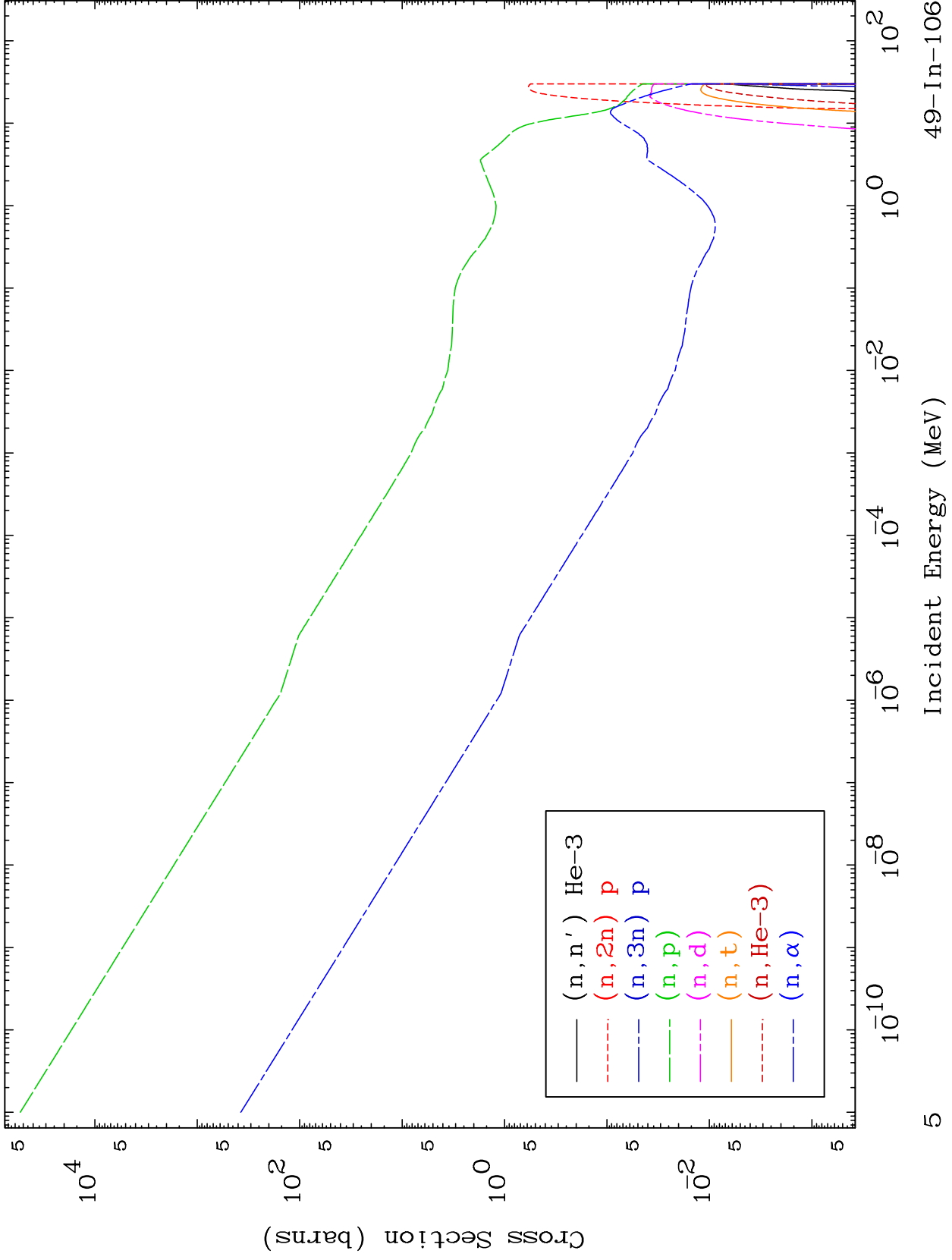
Incident Energy (MeV)

49-In-106

MAT 4905

Charged Particle
293 Kelvin Cross Sections

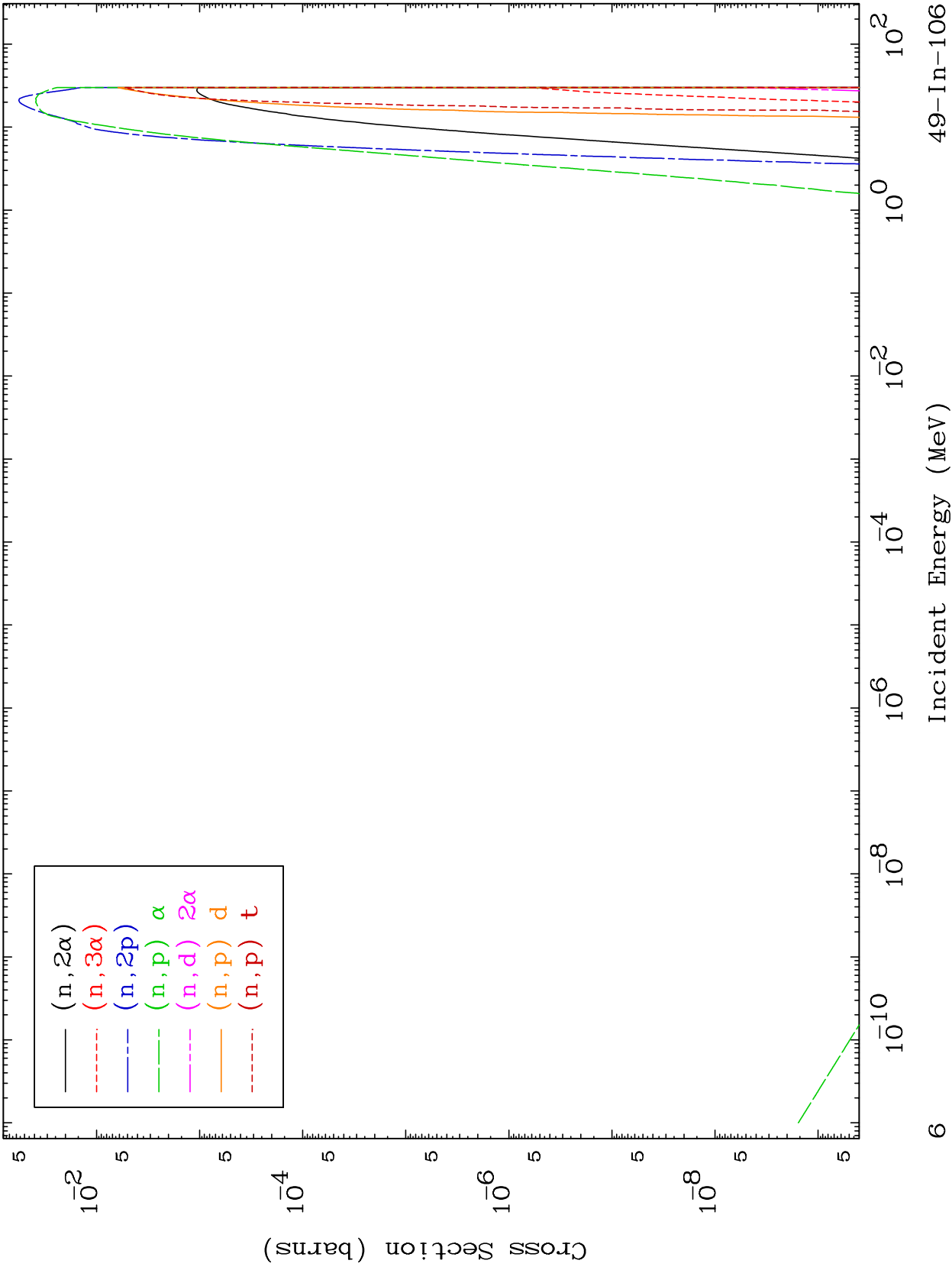
49-In-106



MAT 4905

Charged Particle
293 Kelvin Cross Sections

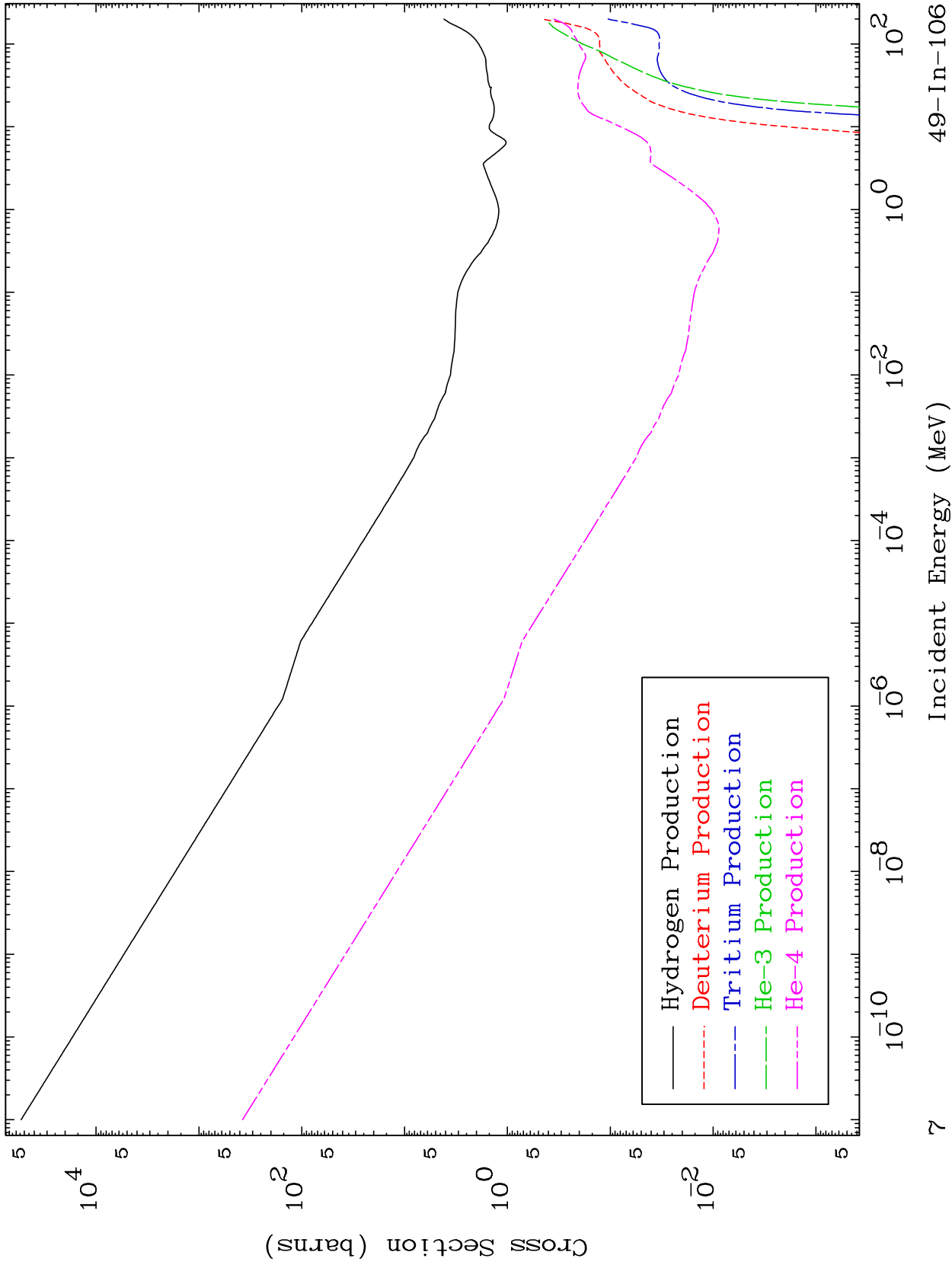
49-In-106



MAT 4905

Particle Production
293 Kelvin Cross Sections

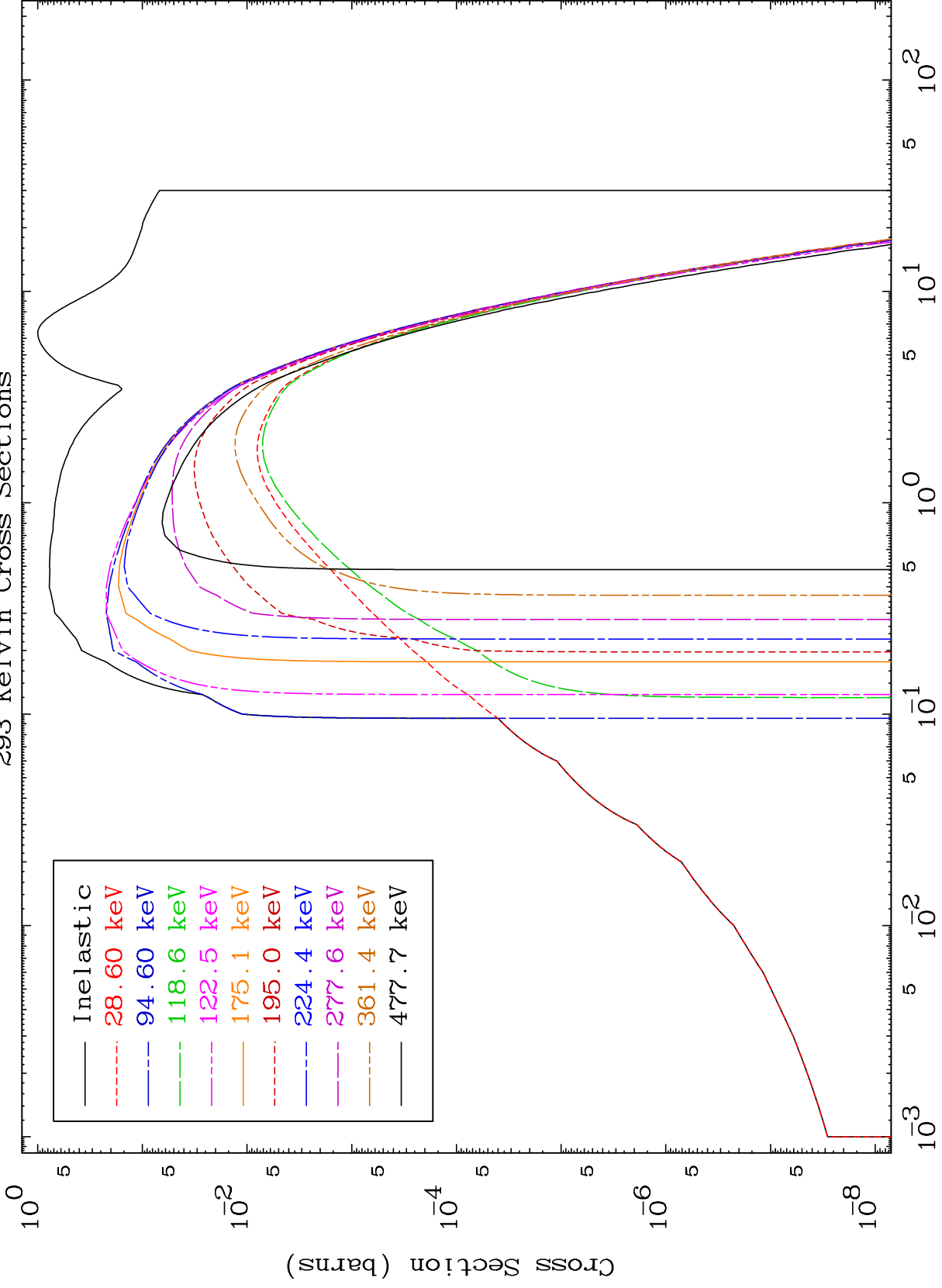
49-In-106



MAT 4905

(n,n') Level
293 Kelvin Cross Sections

49-In-106



8

Incident Energy (MeV)

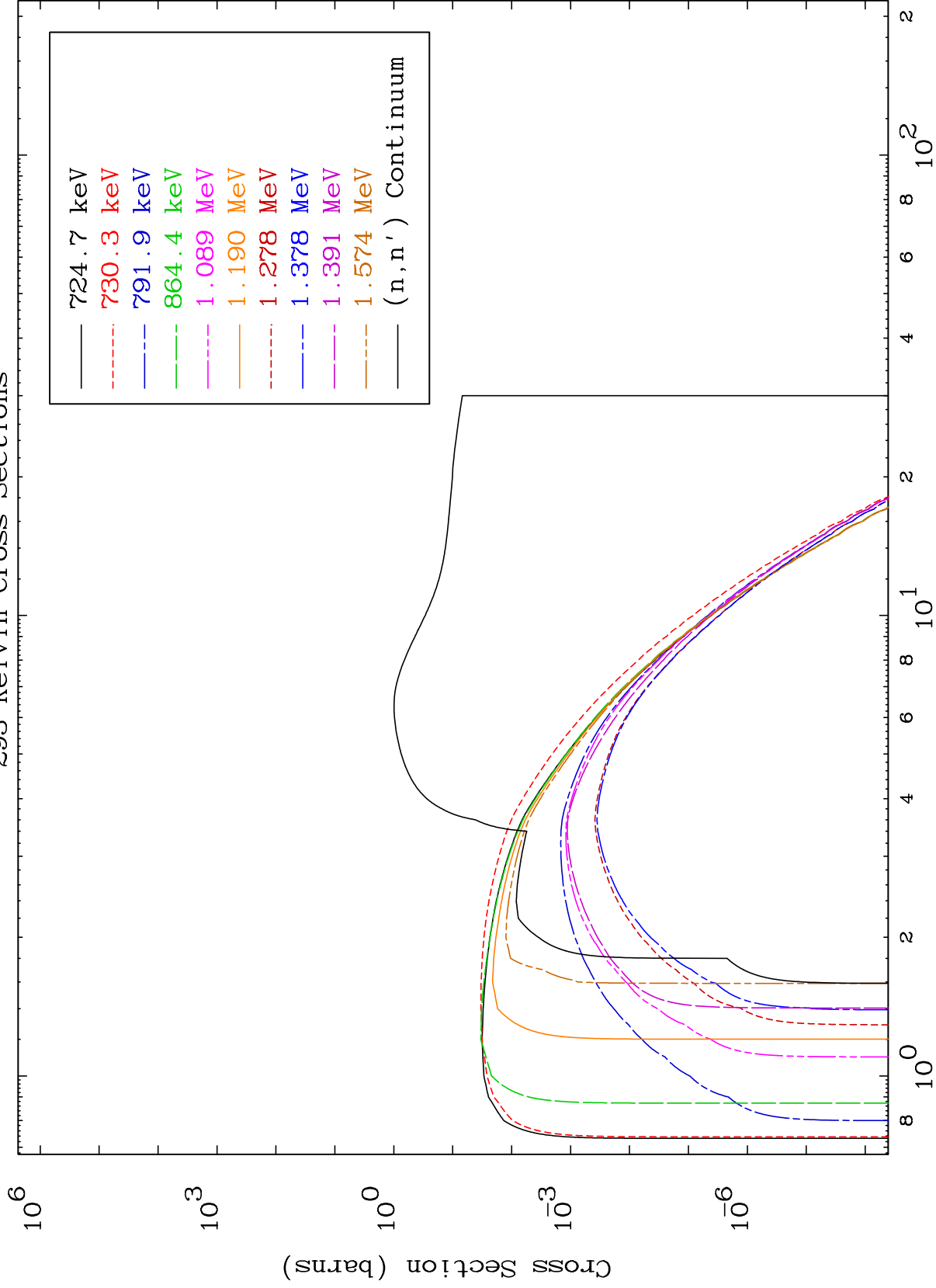
49-In-106

MAT 4905

(n,n') Level

49-In-106

293 Kelvin Cross Sections



9

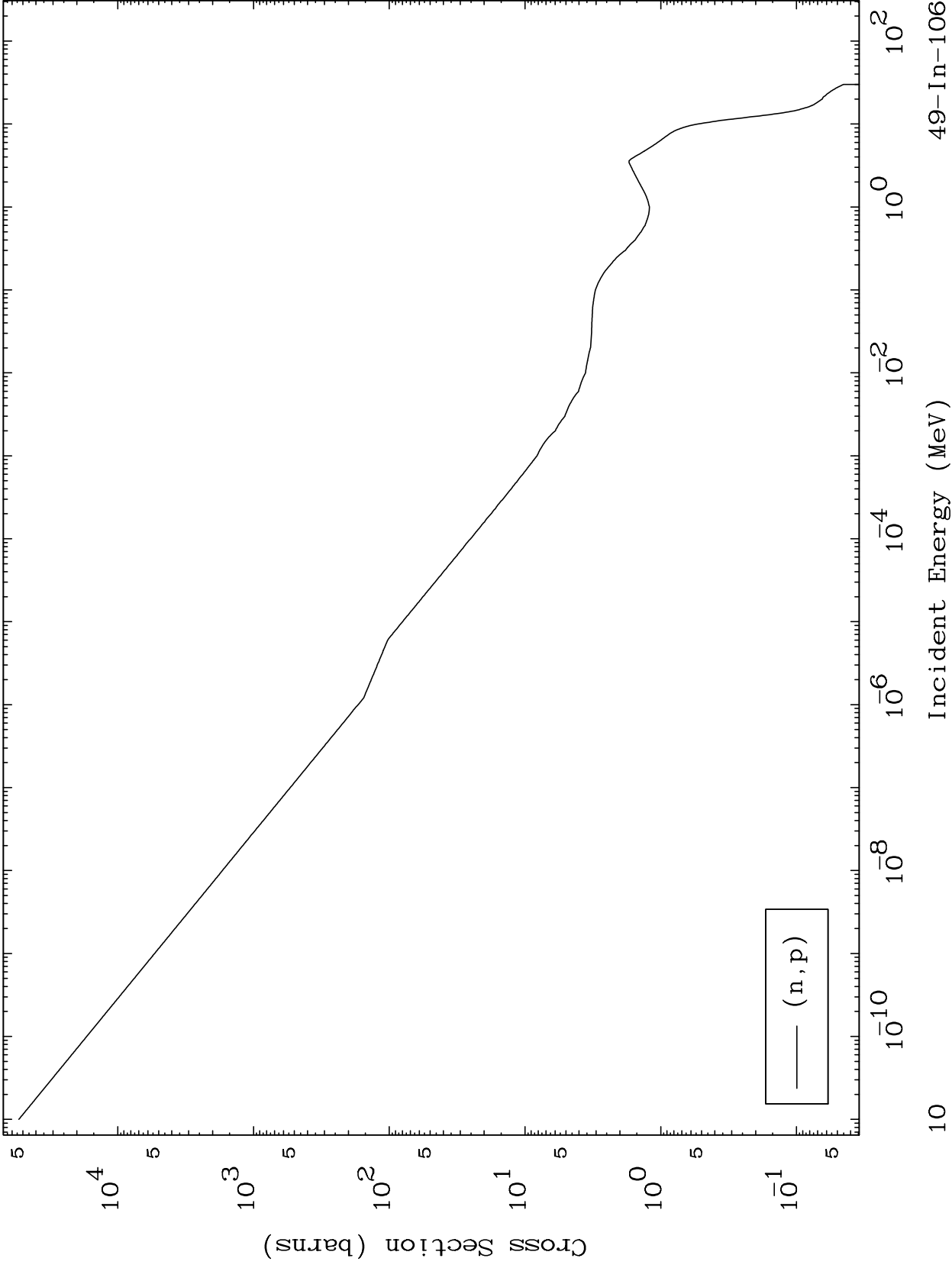
Incident Energy (MeV)

49-In-106

MAT 4905

(n,p) Levels
293 Kelvin Cross Sections

49-In-106



10

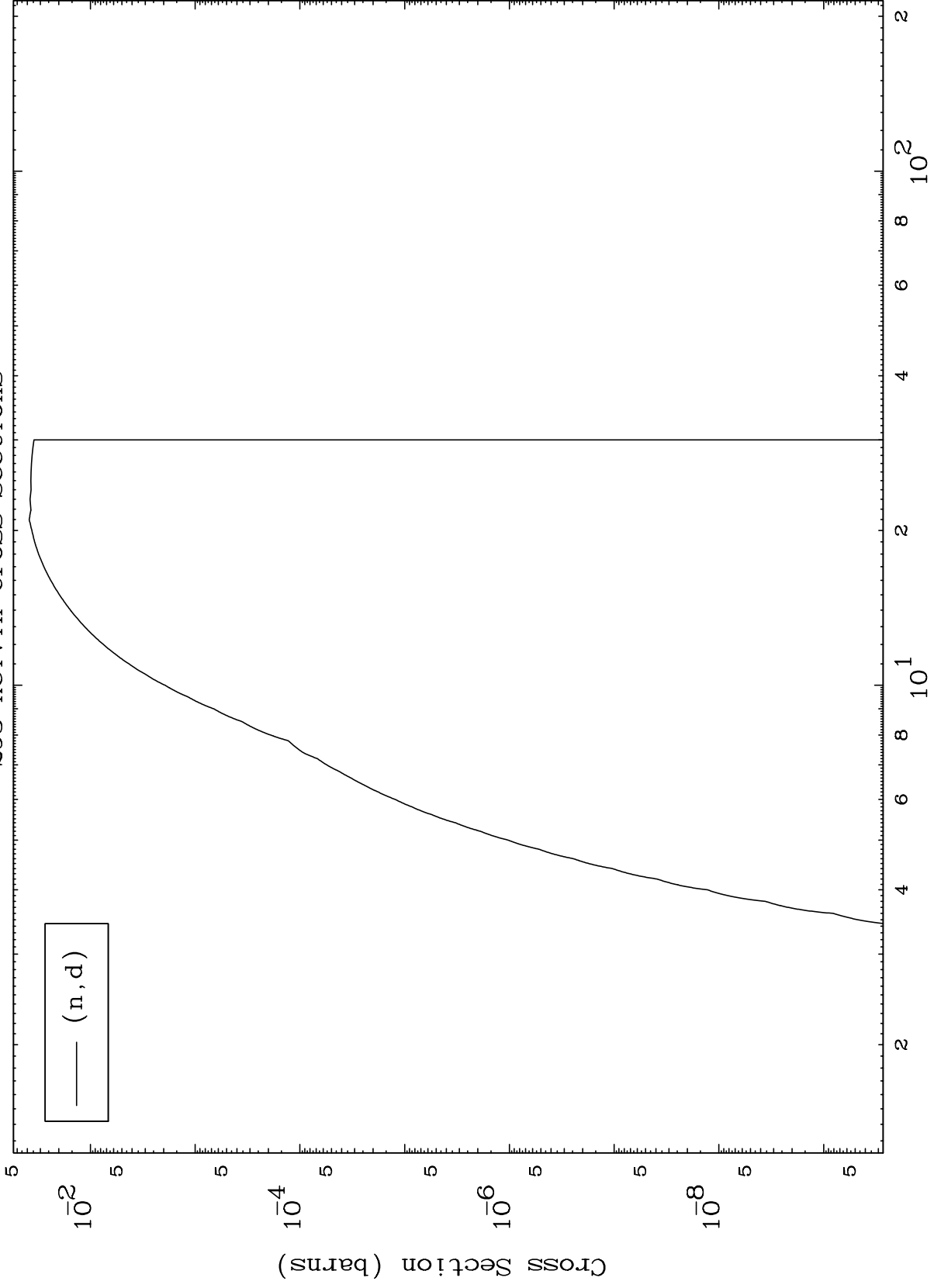
Incident Energy (MeV)

49-In-106

MAT 4905

(n,d) Levels
293 Kelvin Cross Sections

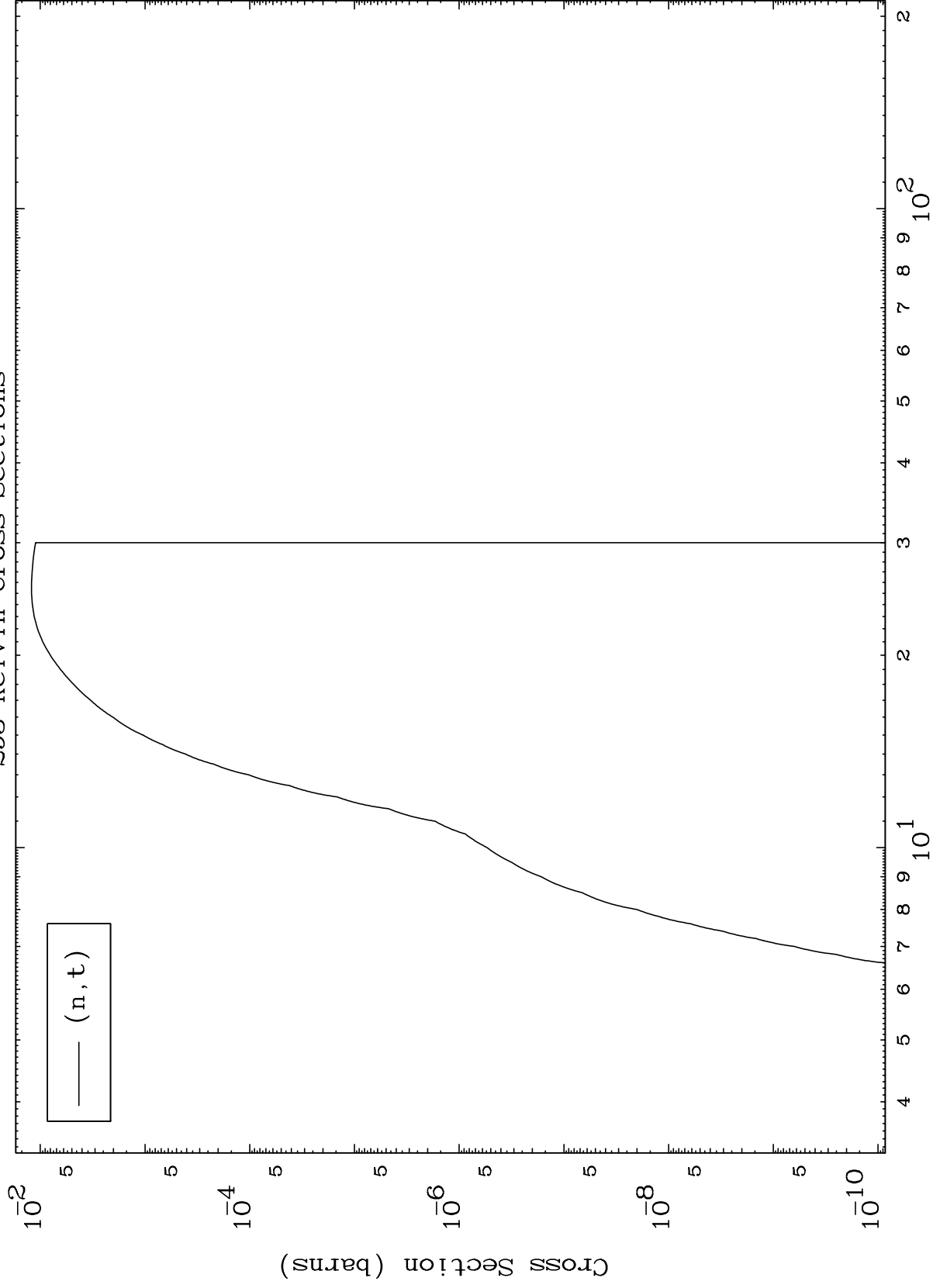
49-In-106



MAT 4905

(n,t) Levels
293 Kelvin Cross Sections

49-In-106



12

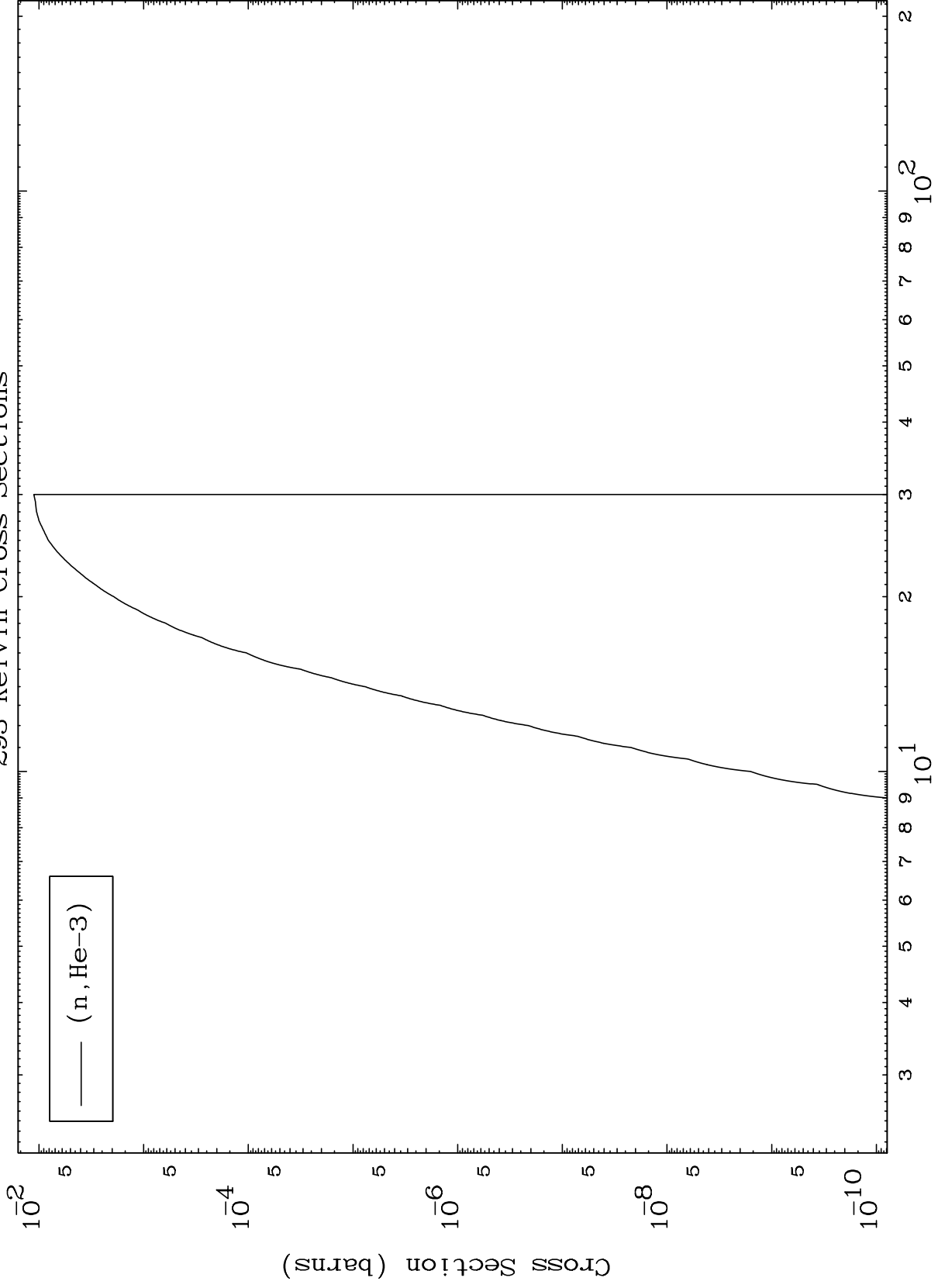
Incident Energy (MeV)

49-In-106

MAT 4905

(n,He3) Levels
293 Kelvin Cross Sections

49-In-106



13

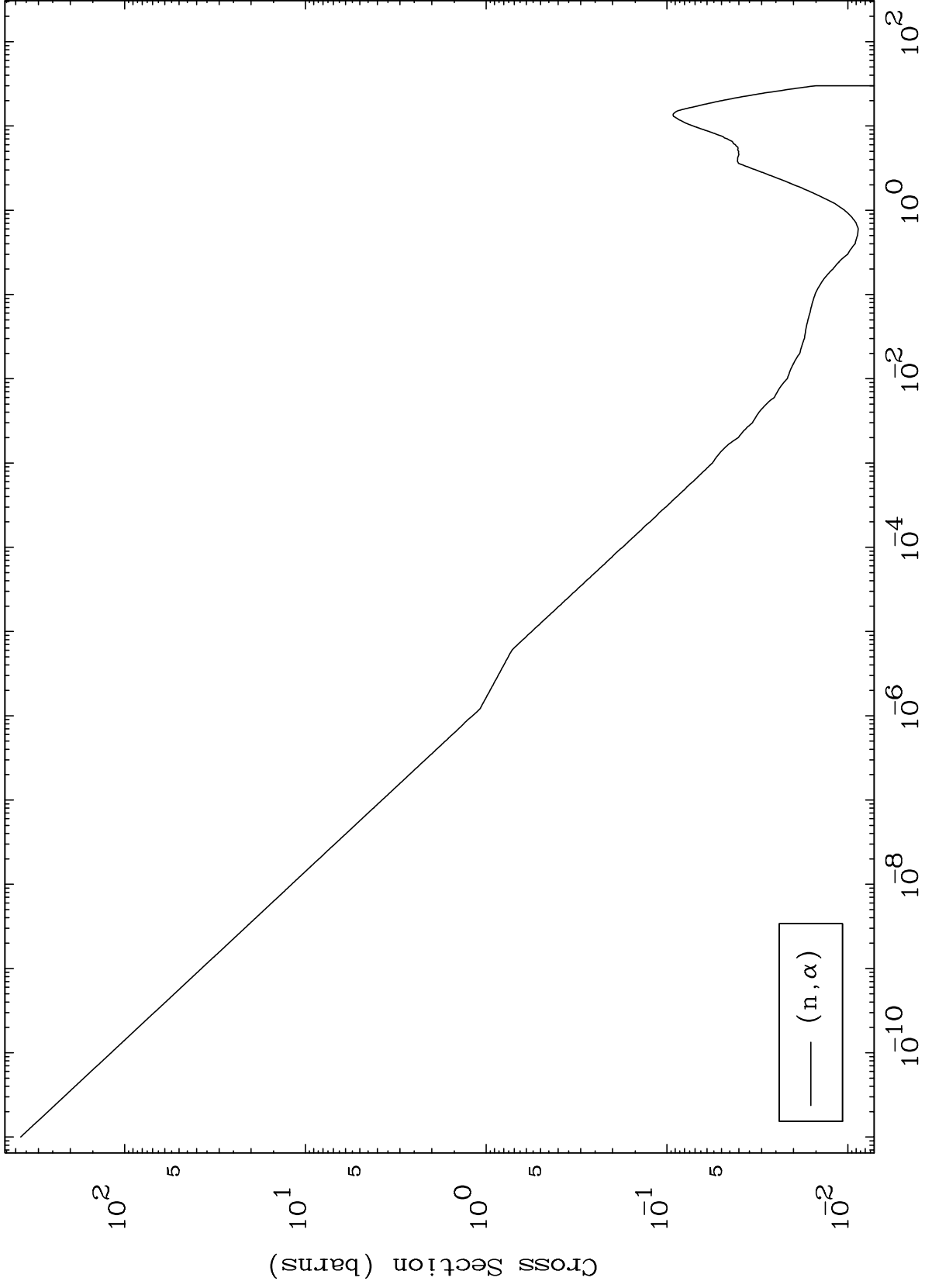
Incident Energy (MeV)

49-In-106

MAT 4905

(n,α) Levels
293 Kelvin Cross Sections

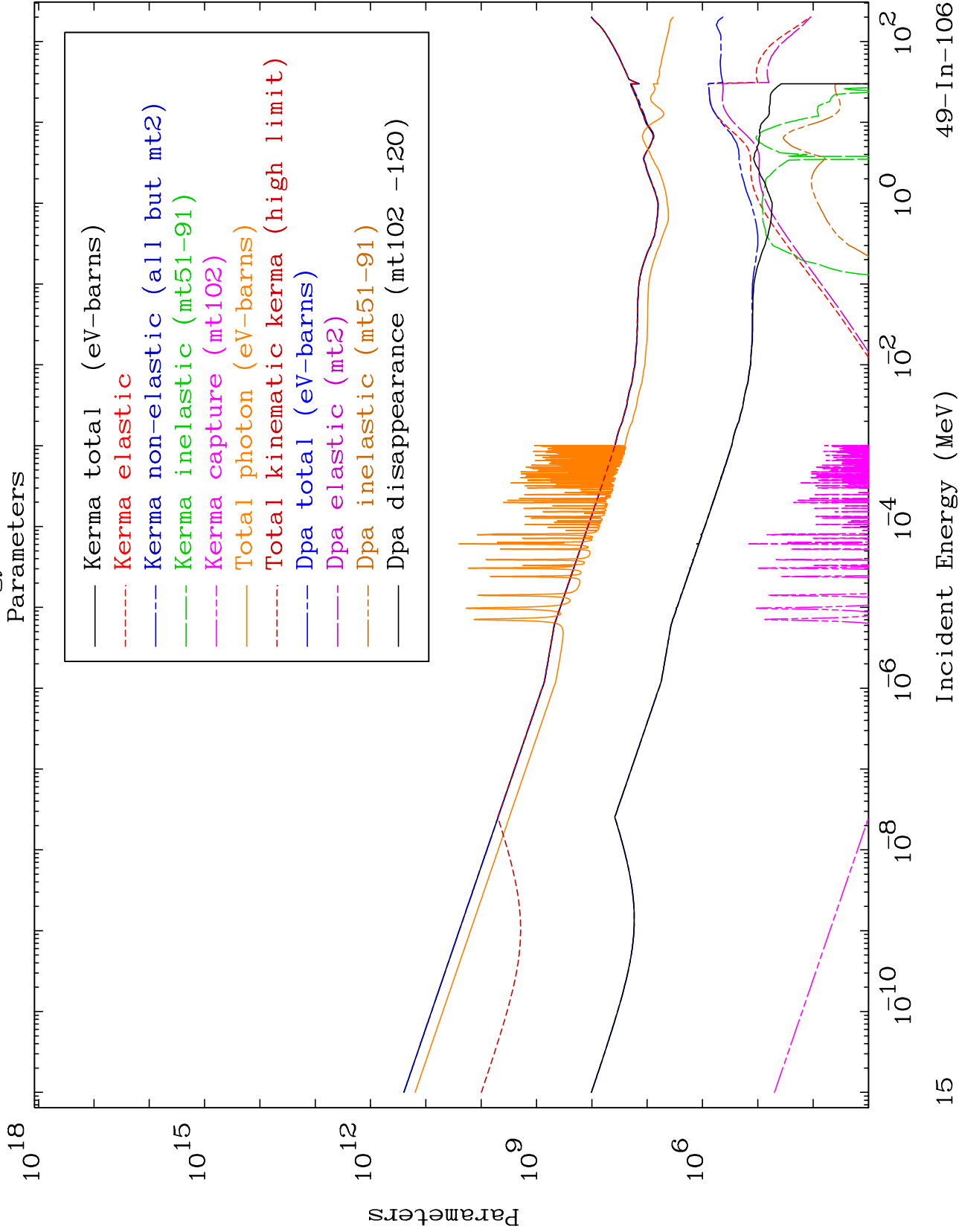
49-In-106

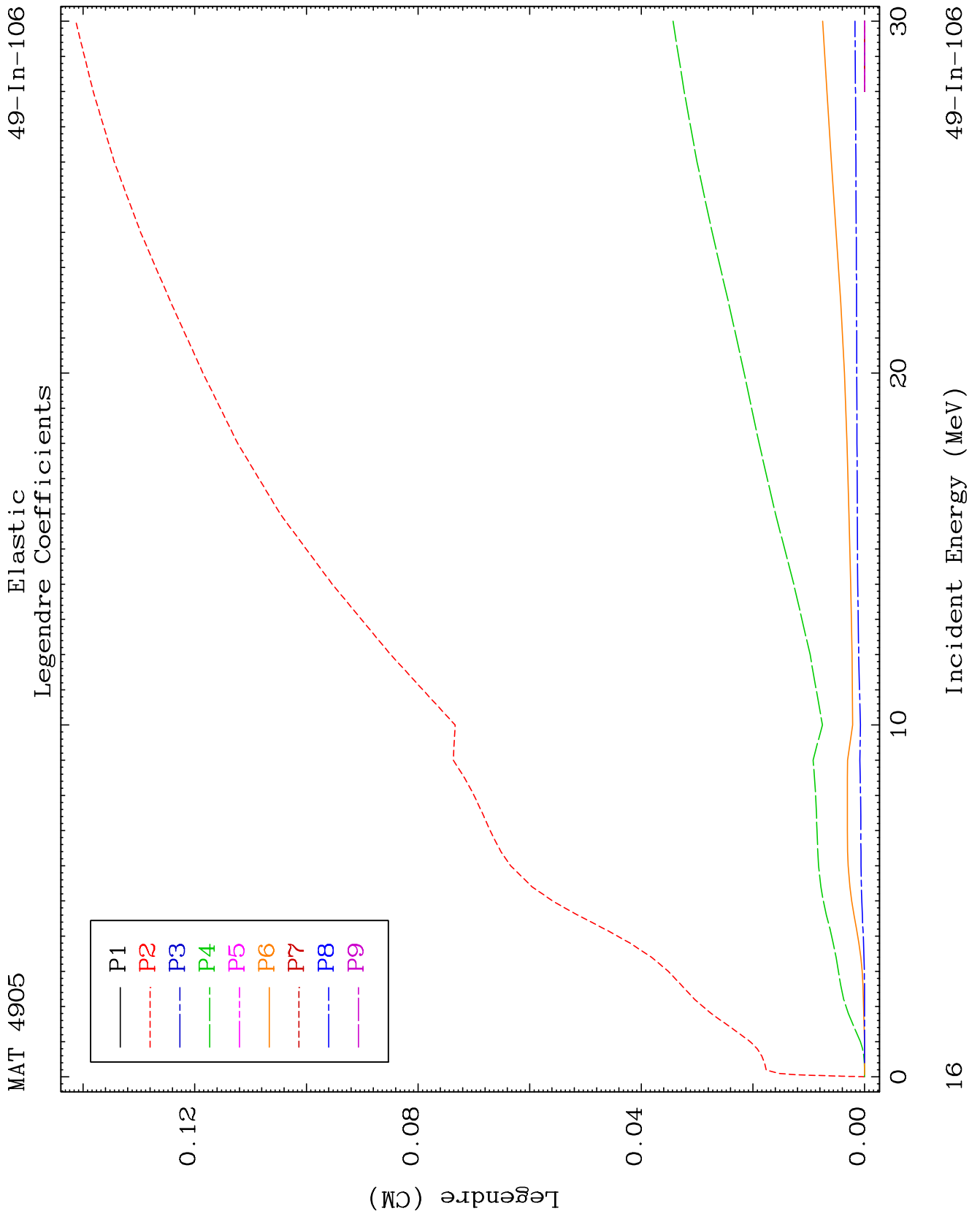


14

Incident Energy (MeV)

49-In-106

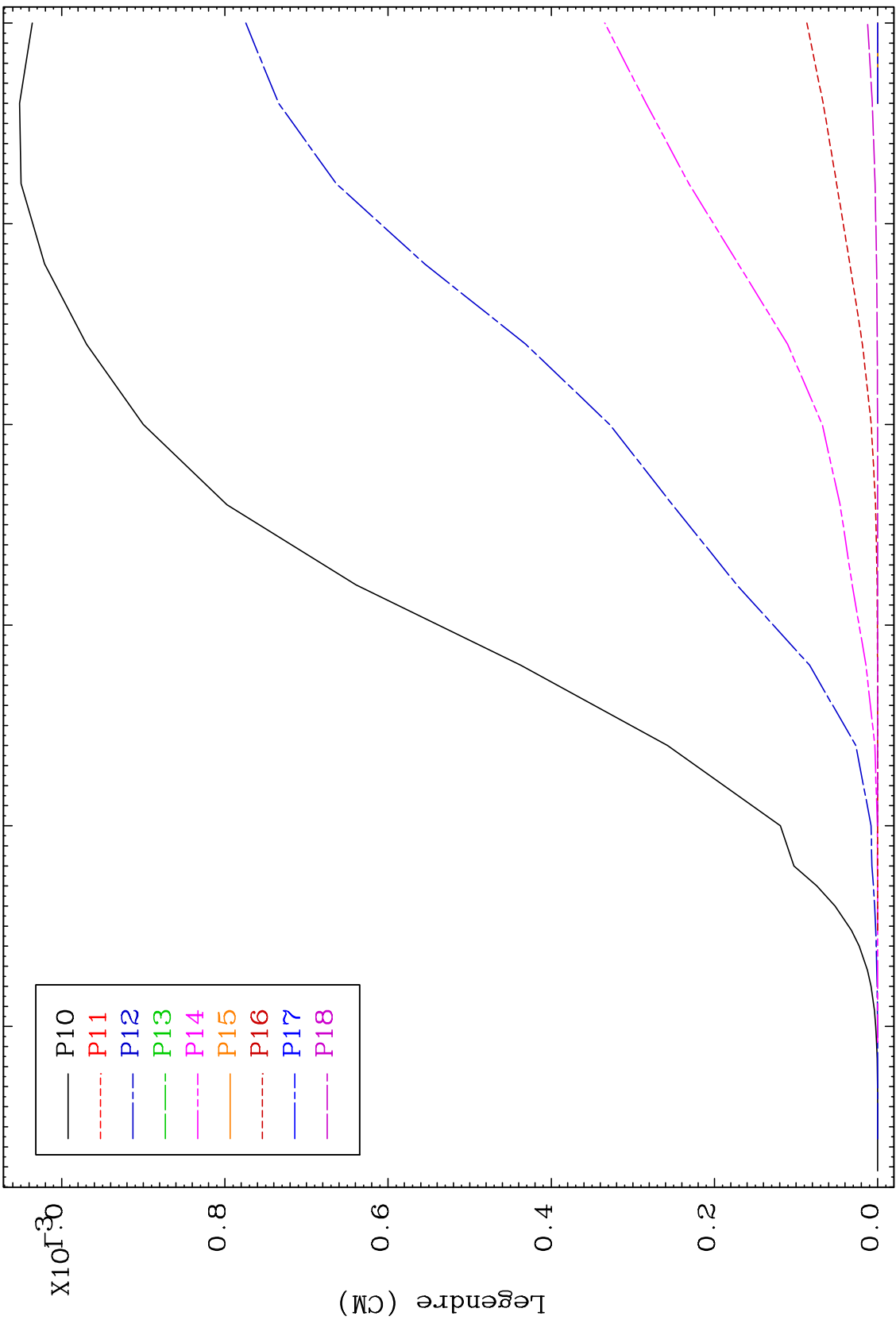




MAT 4905

Elastic Legendre Coefficients

49-In-106



17

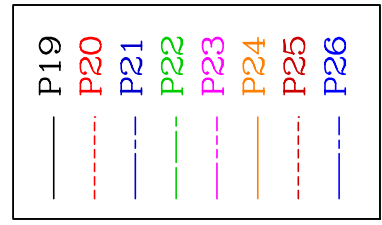
49-In-106

Incident Energy (MeV)

MAT 4905

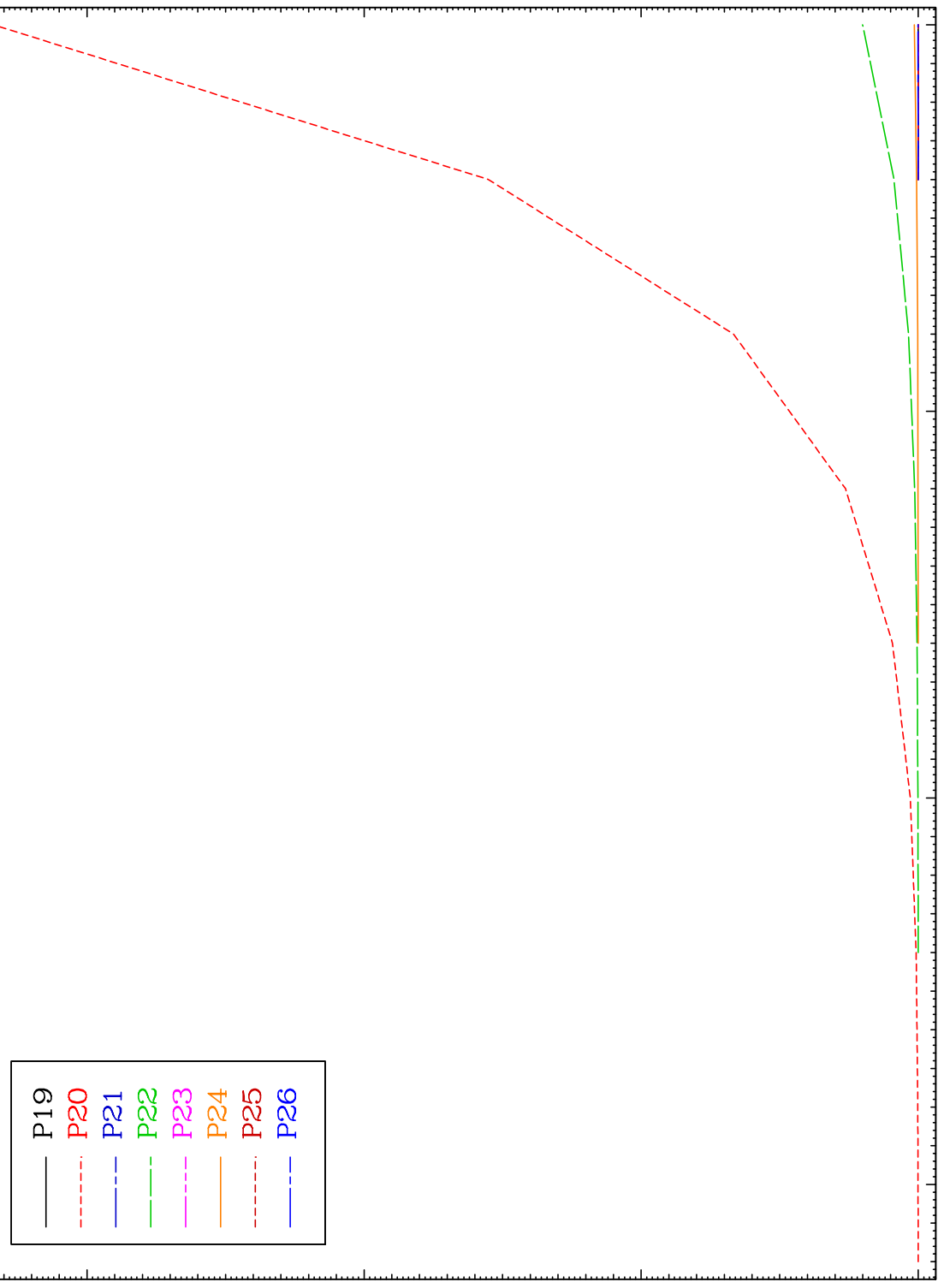
Elastic Legendre Coefficients

49-In-106



$\times 10^{-7}$

Legendre (CM)



18

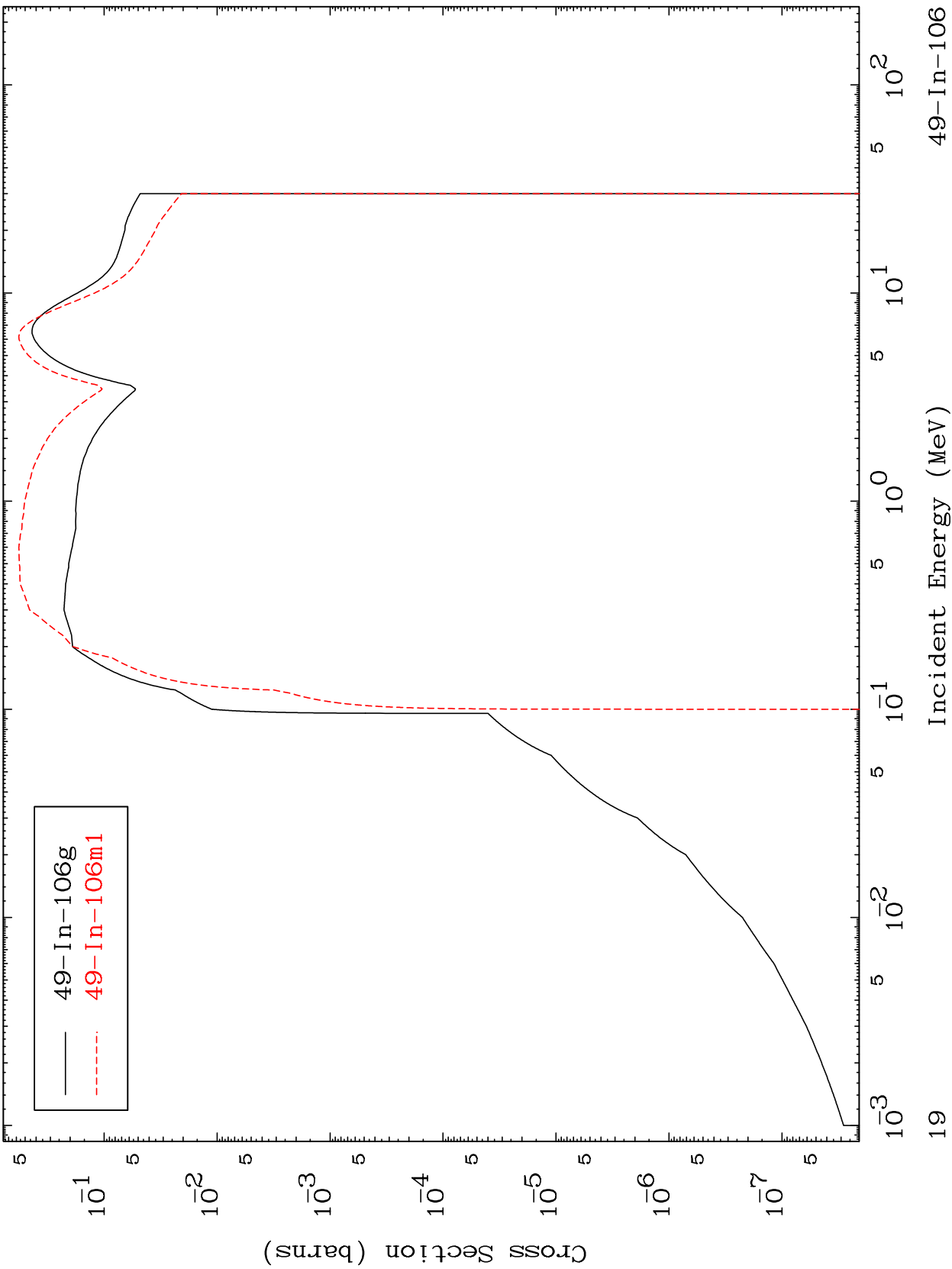
Incident Energy (MeV)

49-In-106

MAT 4905

49-In-106

Radionuclide Production Cross Section



49-In-106

Incident Energy (MeV)

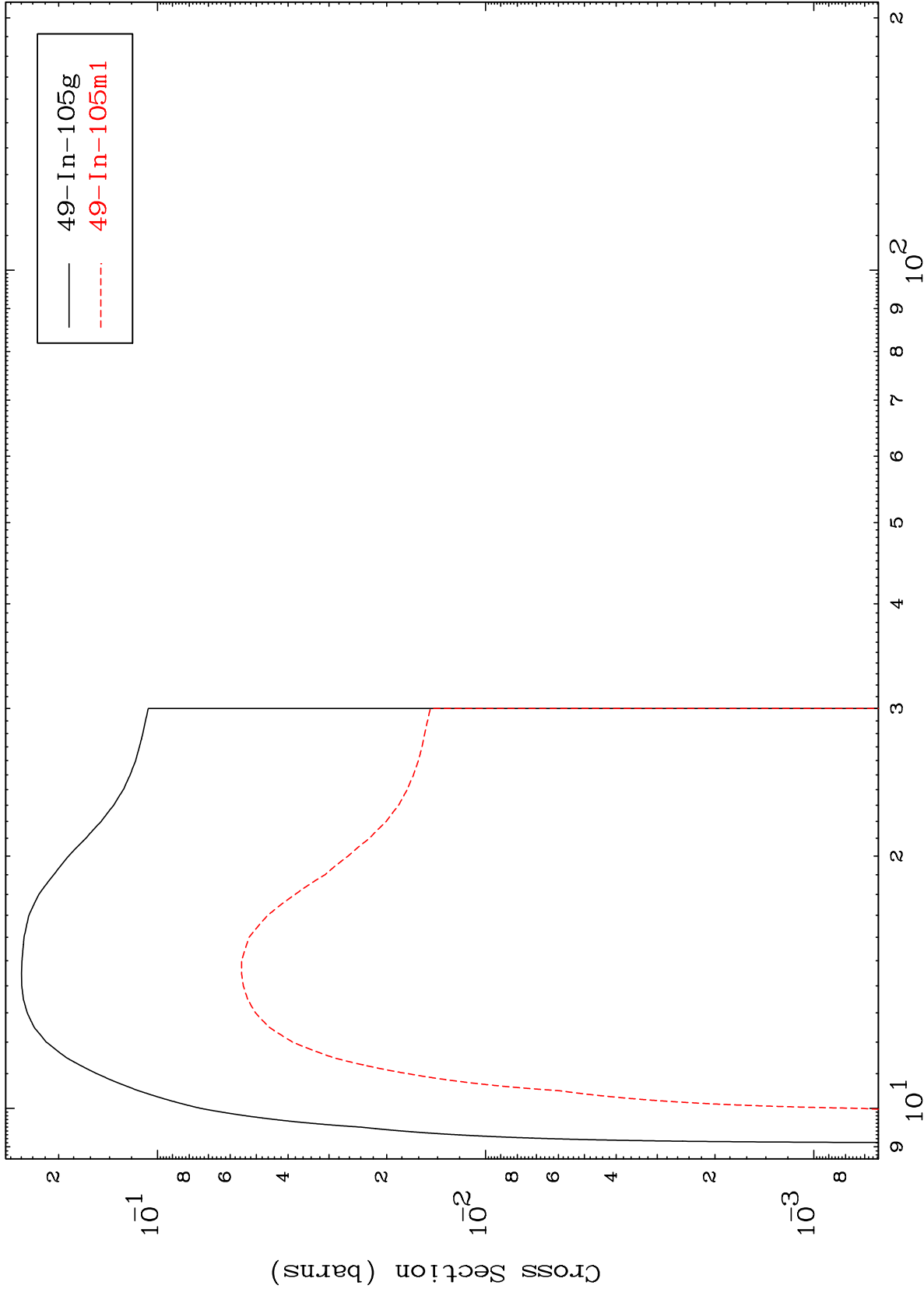
19

MAT 4905

(n,2n)

49-In-106

Radionuclide Production Cross Section



20

Incident Energy (MeV)

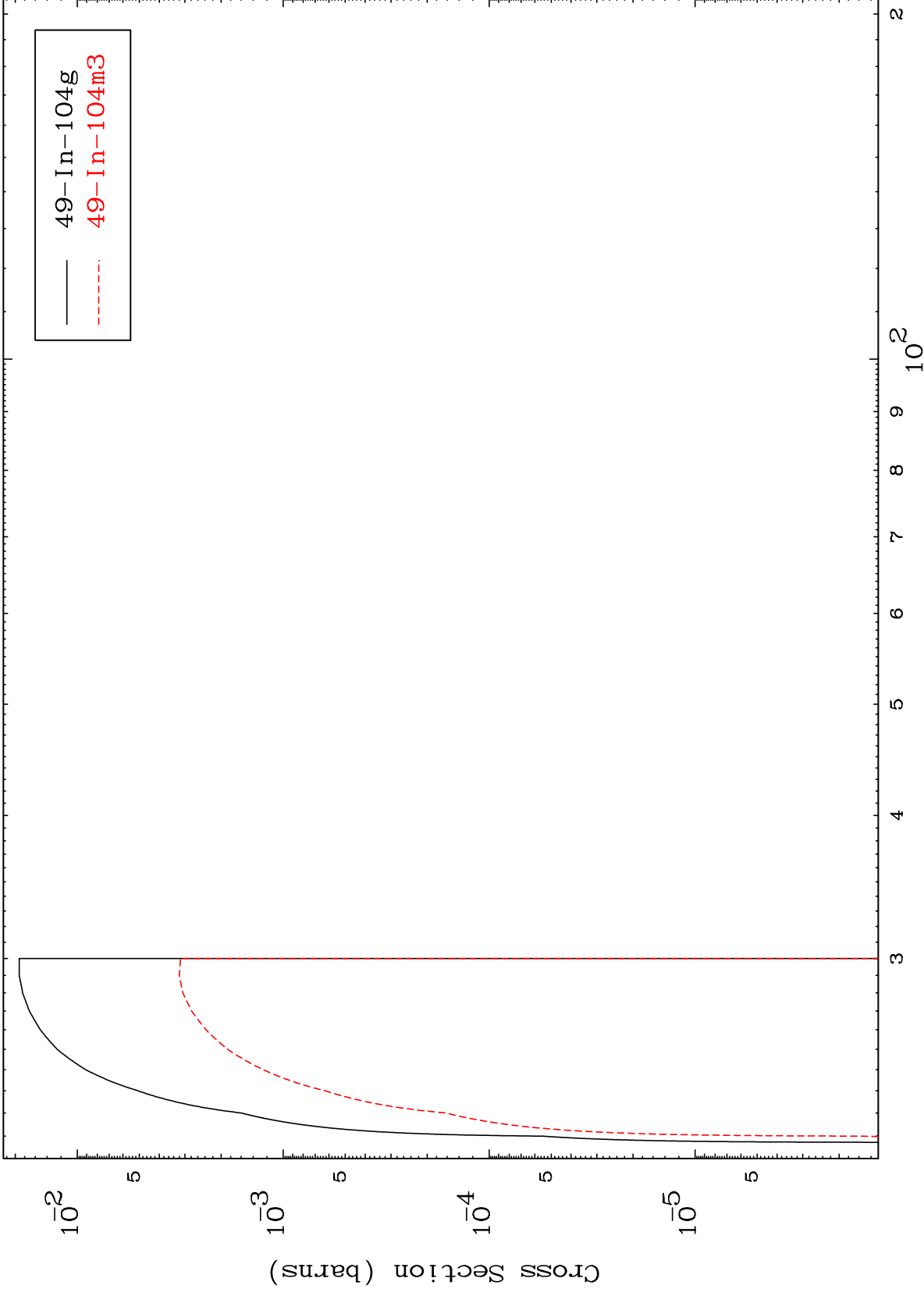
49-In-106

MAT 4905

(n,3n)

49-In-106

Radionuclide Production Cross Section

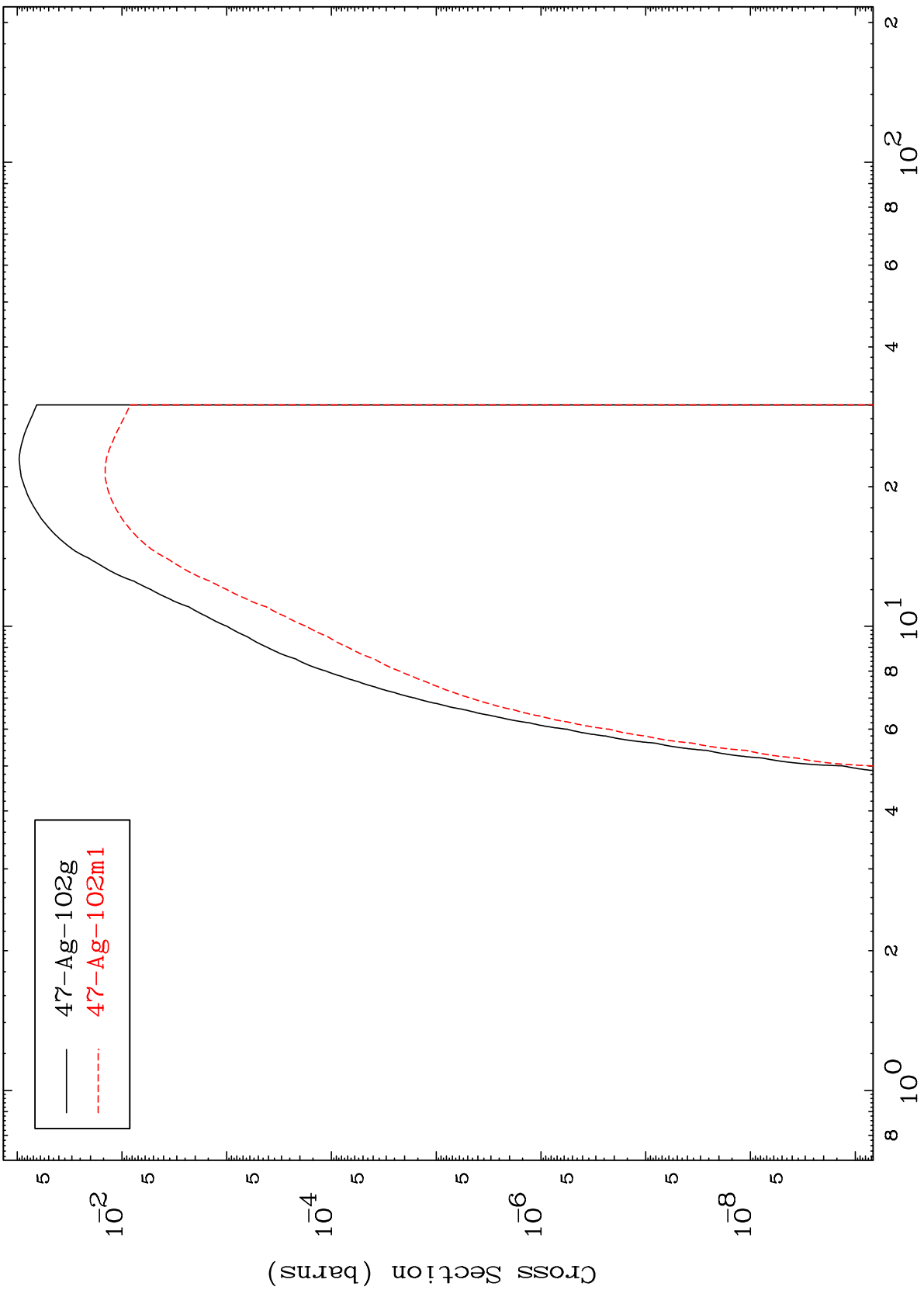


MAT 4905

(n,n') α

49-In-106

Radionuclide Production Cross Section



22

Incident Energy (MeV)

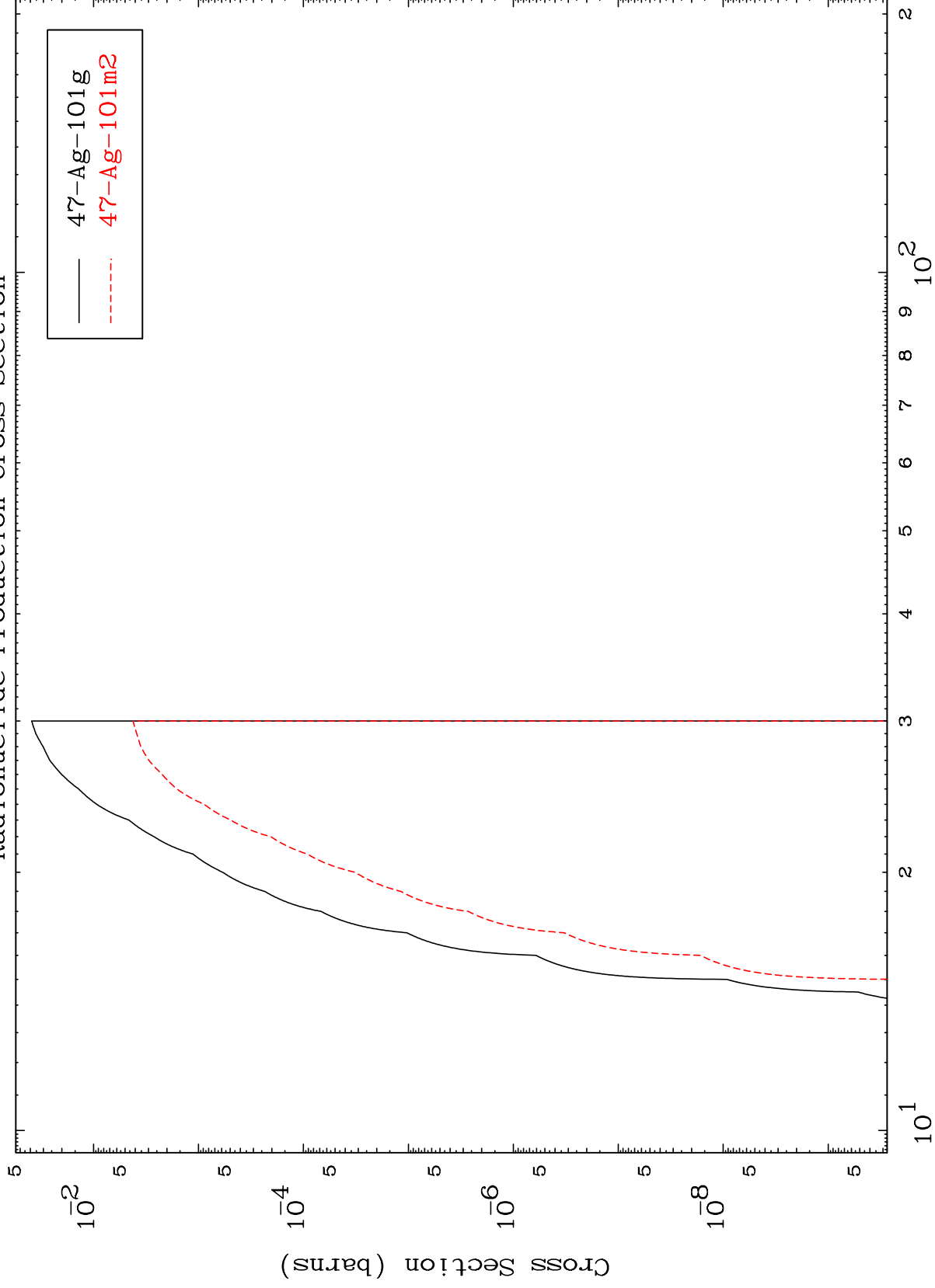
49-In-106

MAT 4905

(n,2n) α

49-In-106

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-106

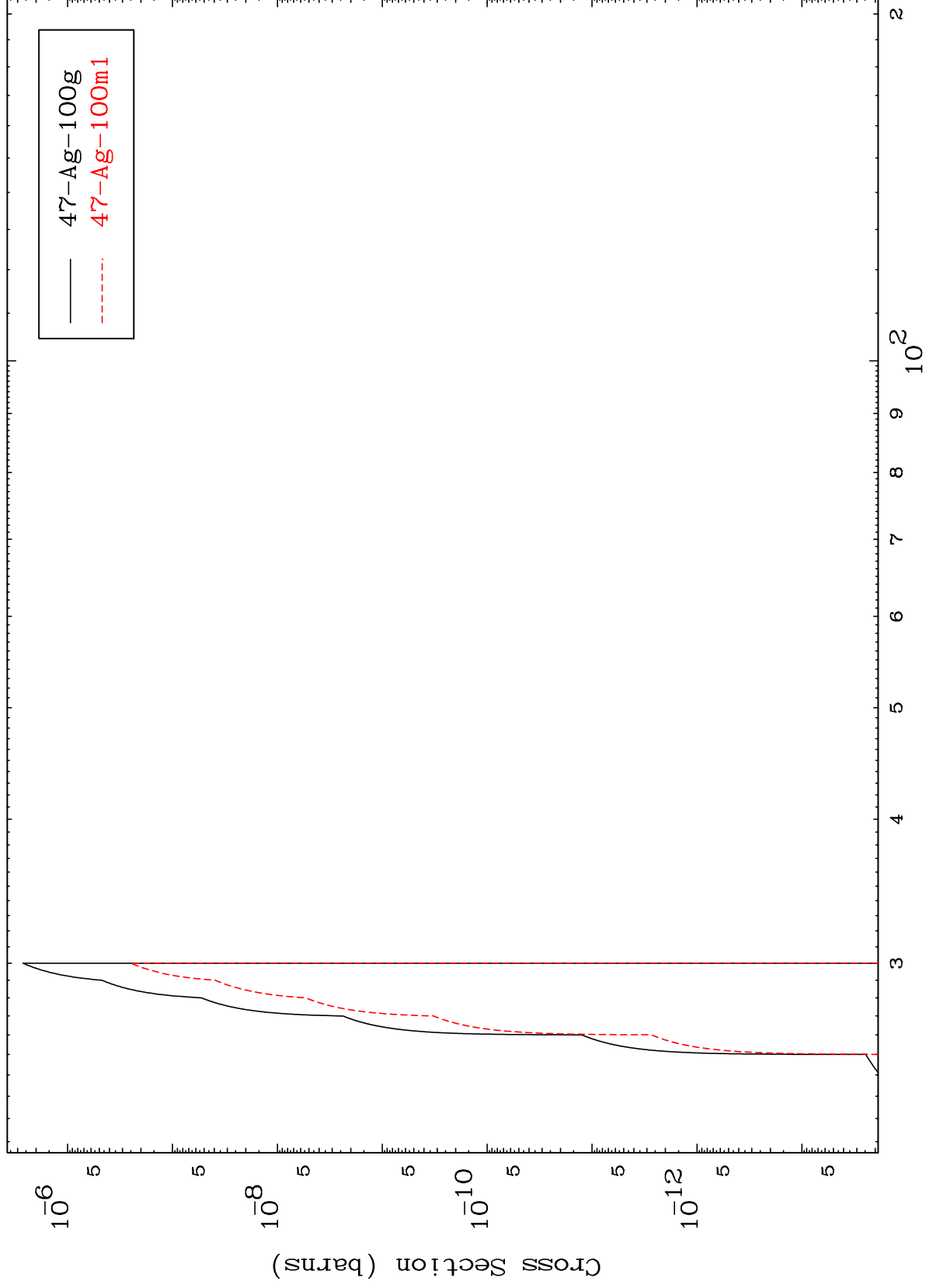
23

MAT 4905

(n,3n) α

49-In-106

Radionuclide Production Cross Section



24

Incident Energy (MeV)

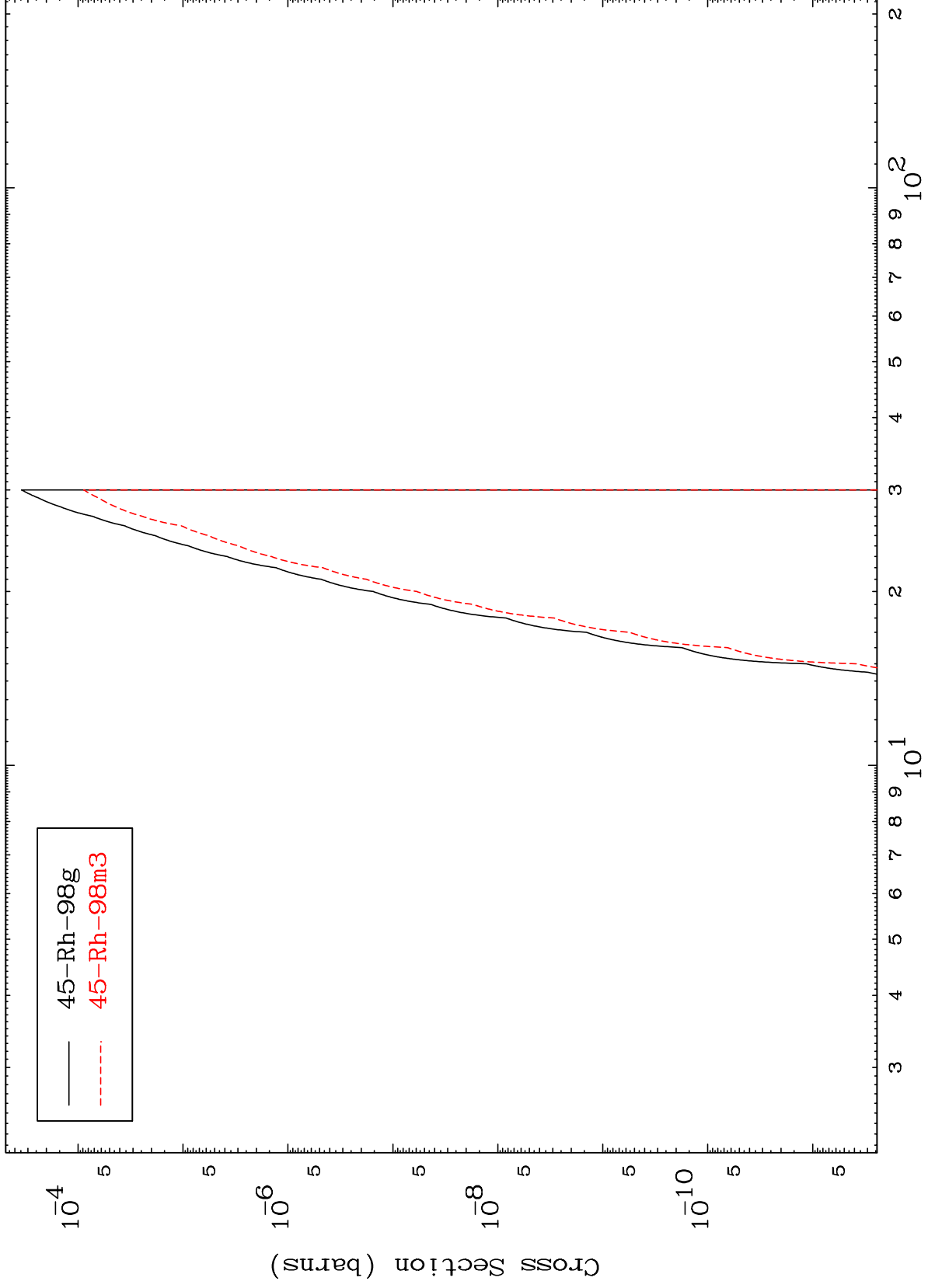
49-In-106

MAT 4905

(n,n') 2α

49-In-106

Radionuclide Production Cross Section



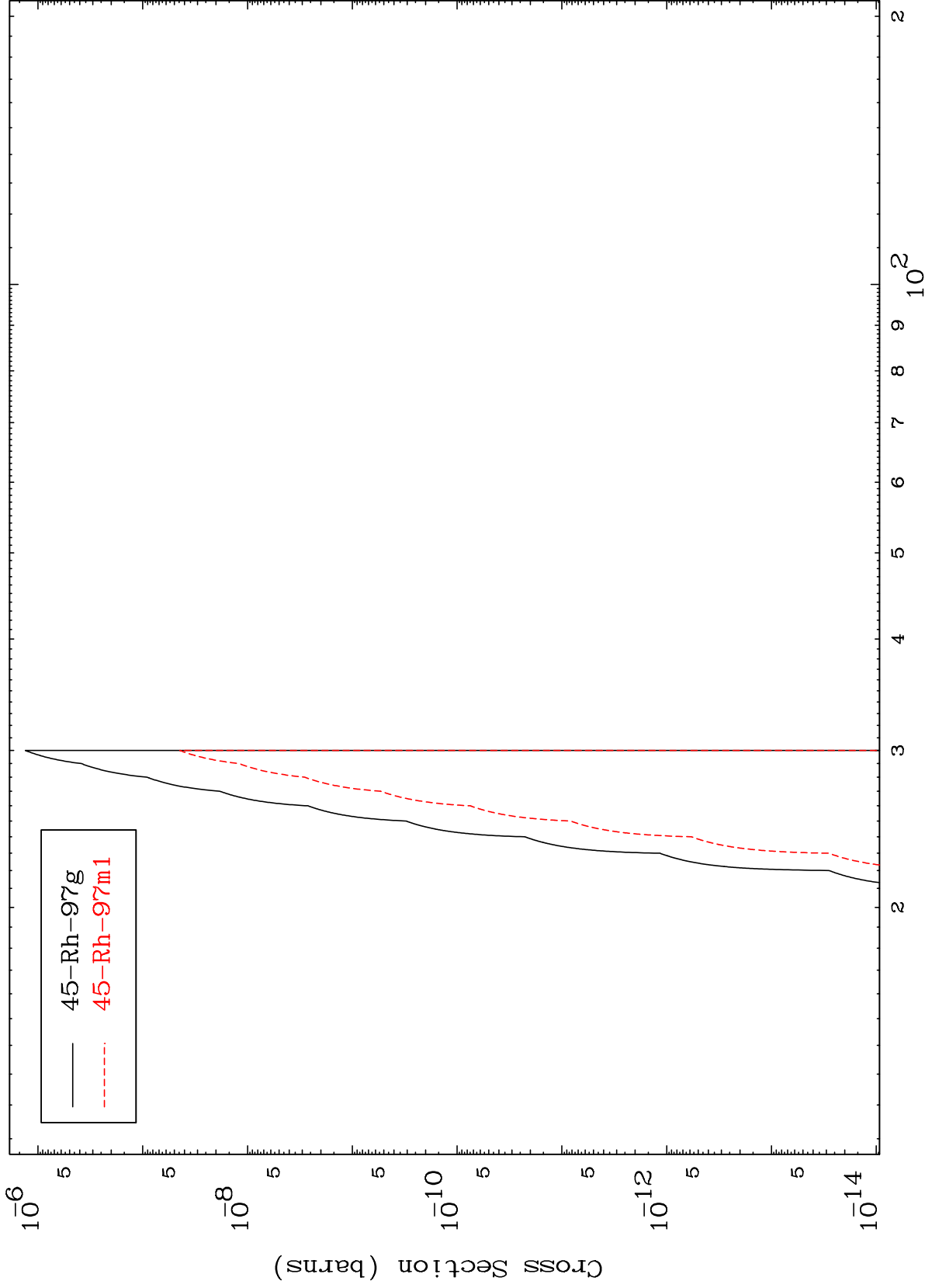
— 45-Rh-98g
- - - 45-Rh-98m3

MAT 4905

(n,2n) 2 α

49-In-106

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-106

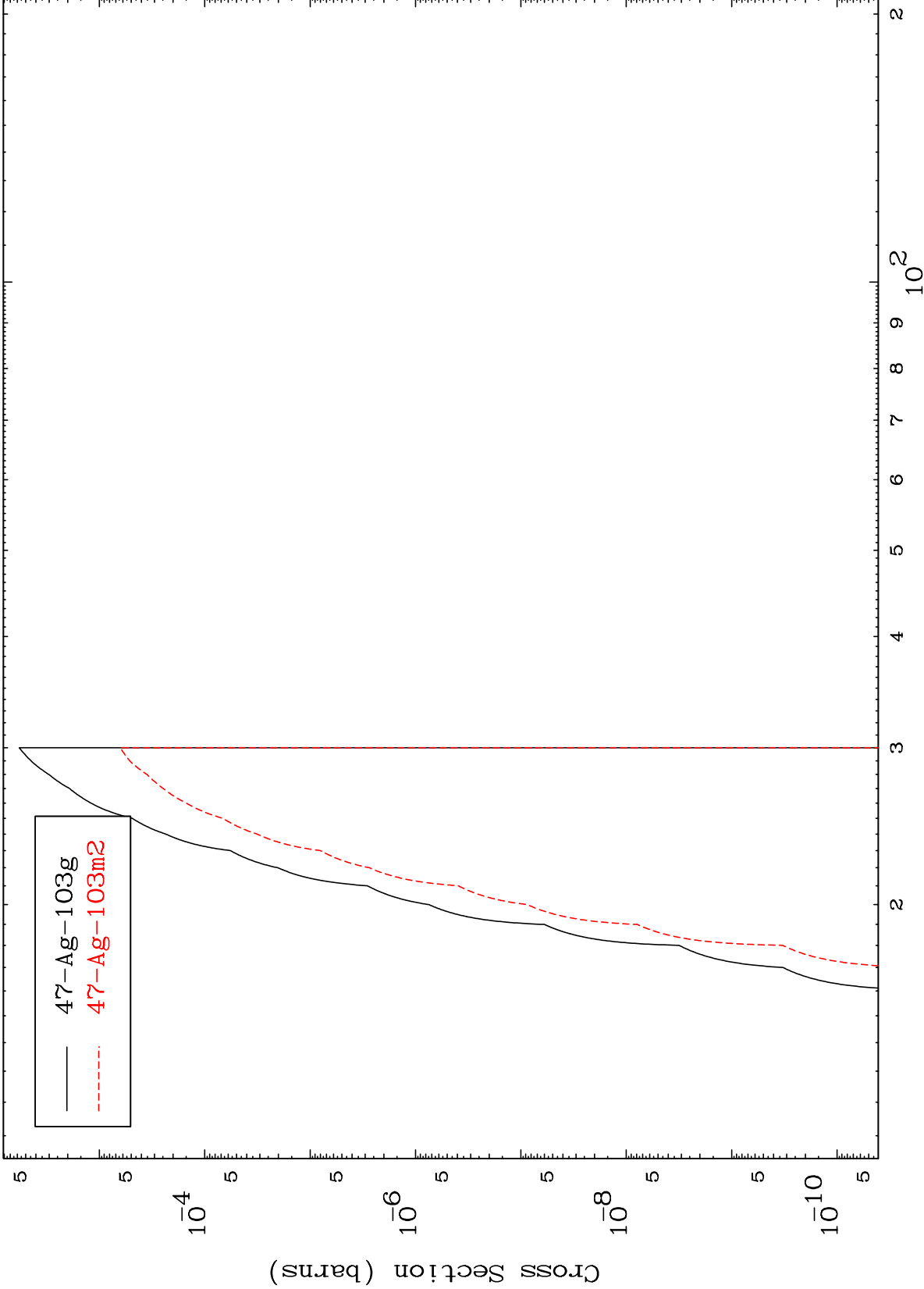
26

MAT 4905

(n,n') He-3

49-In-106

Radionuclide Production Cross Section



27

Incident Energy (MeV)

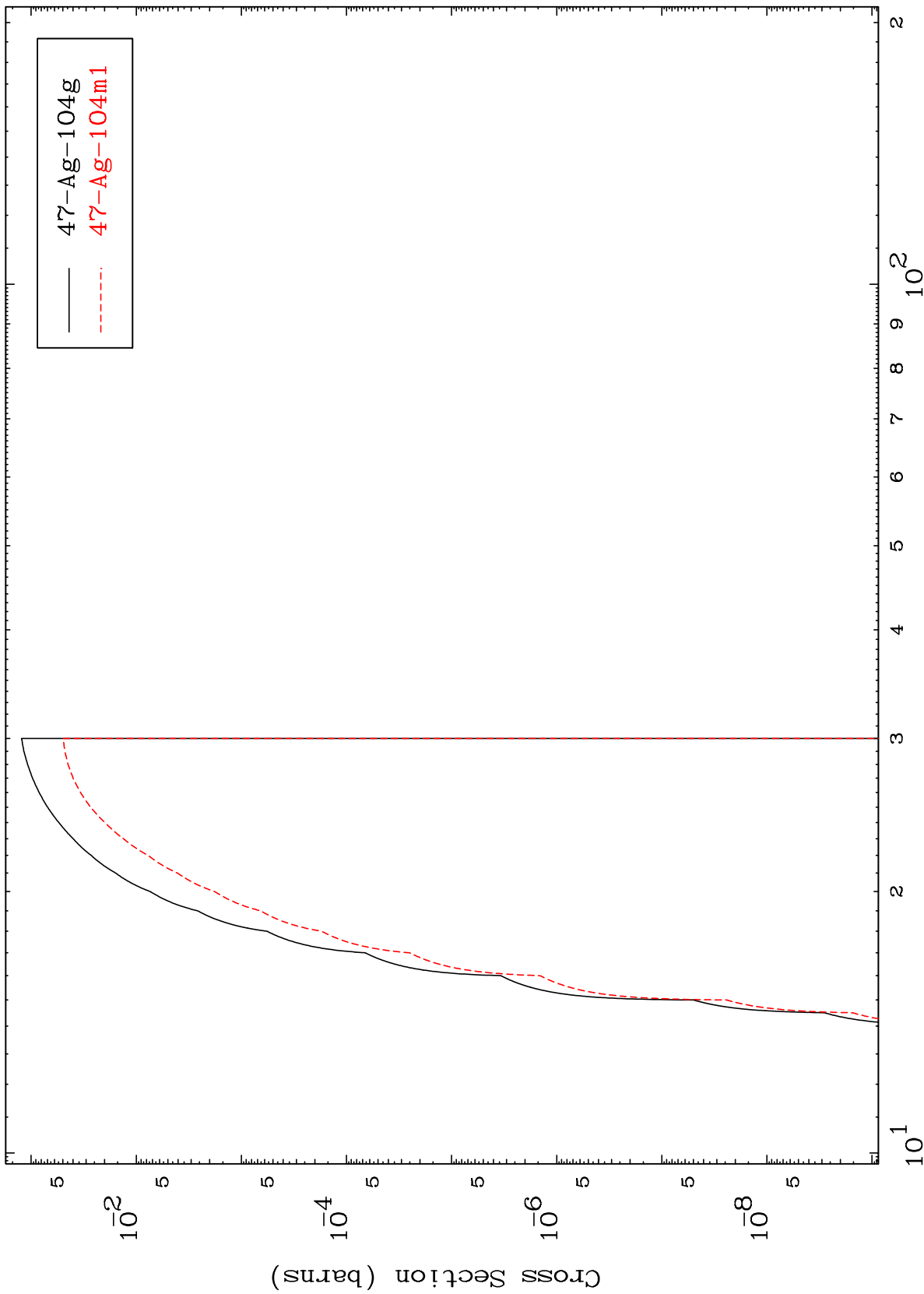
49-In-106

MAT 4905

(n,2n) p

49-In-106

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-106

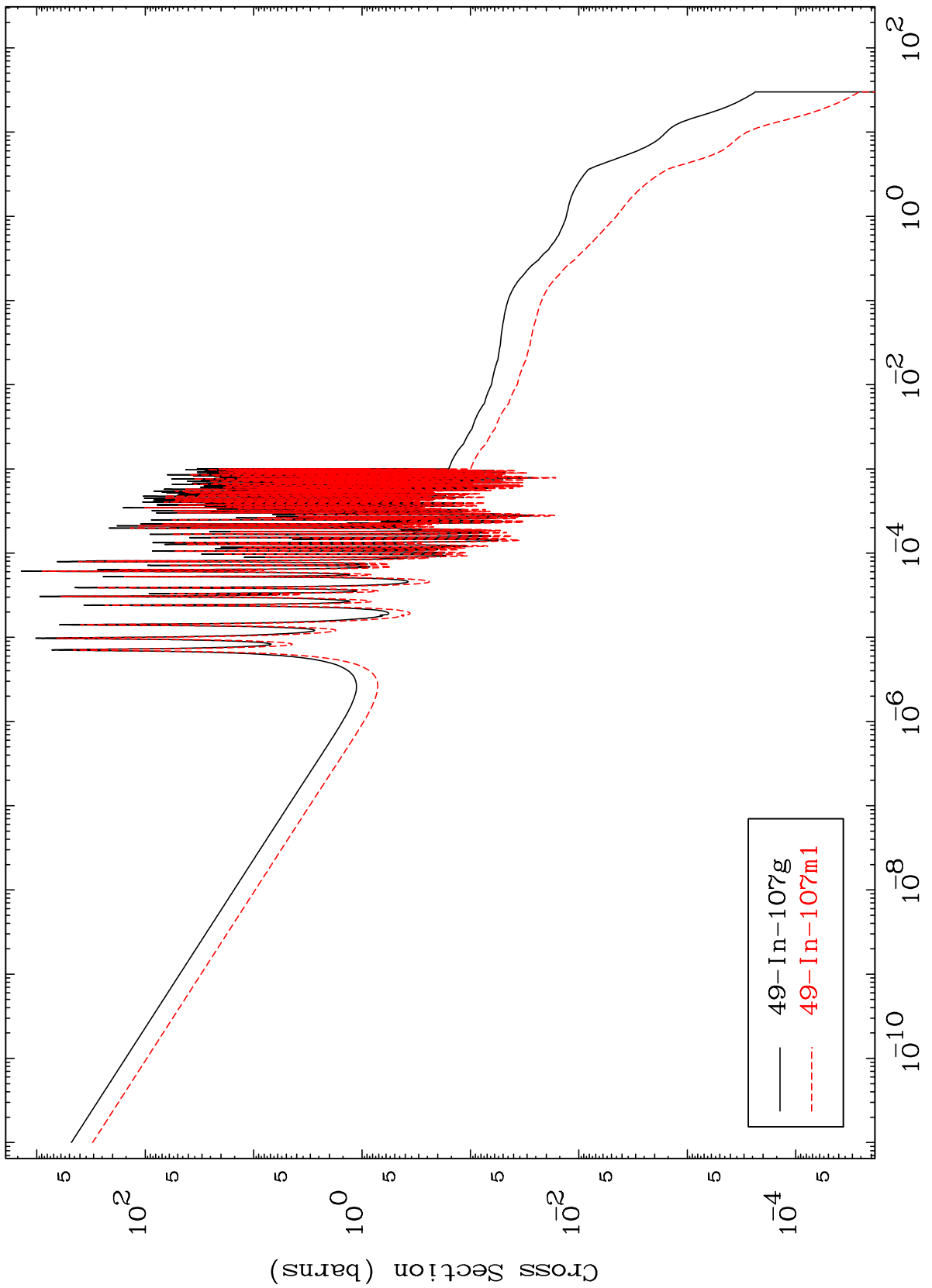
28

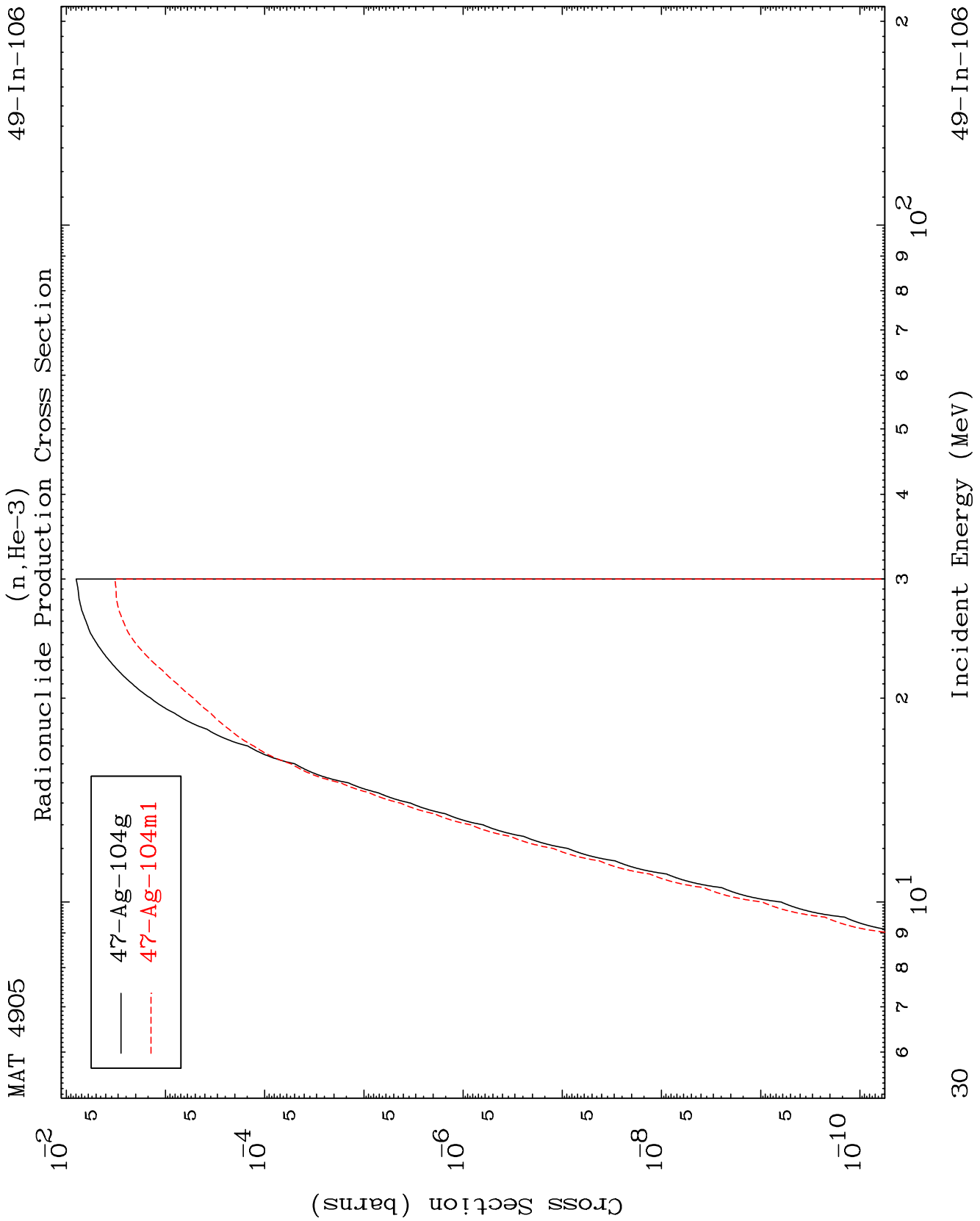
MAT 4905

49-In-106

Radionuclide Production Cross Section

(n, γ)

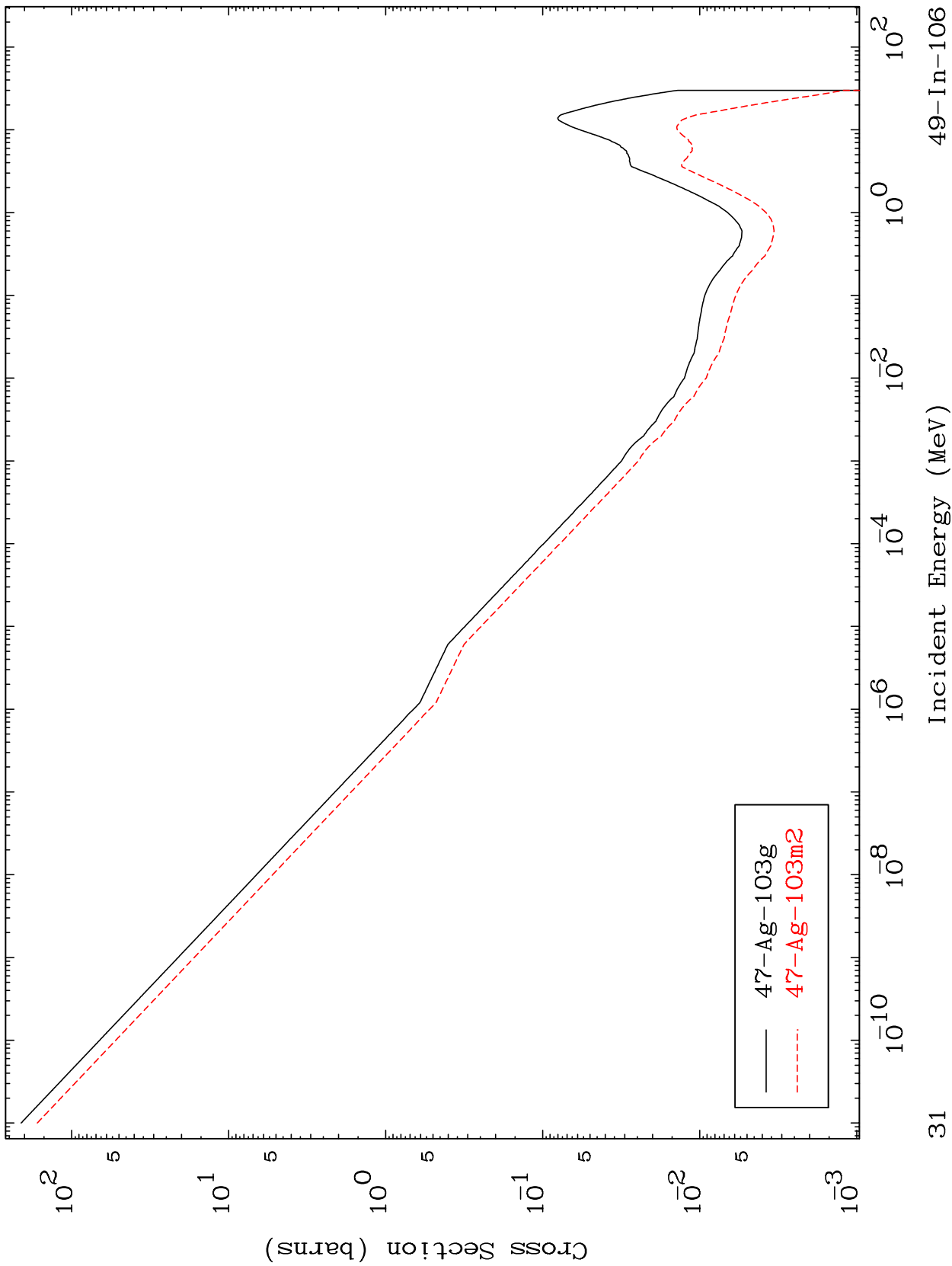




MAT 4905

49-In-106

(n, α)
Radionuclide Production Cross Section

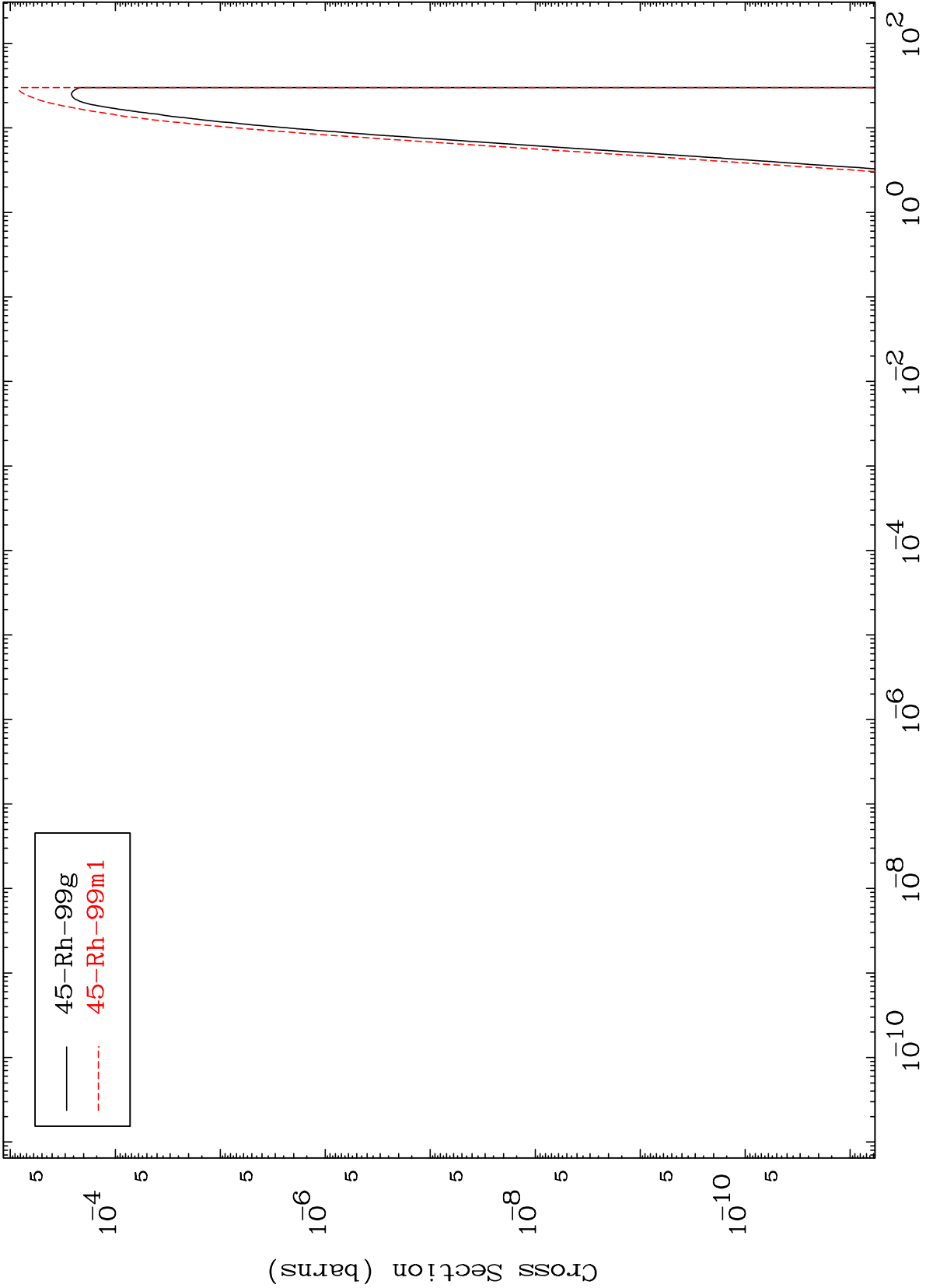


MAT 4905

(n,2α)

49-In-106

Radionuclide Production Cross Section



— 45-Rh-99g
- - - 45-Rh-99m1

Incident Energy (MeV)

49-In-106

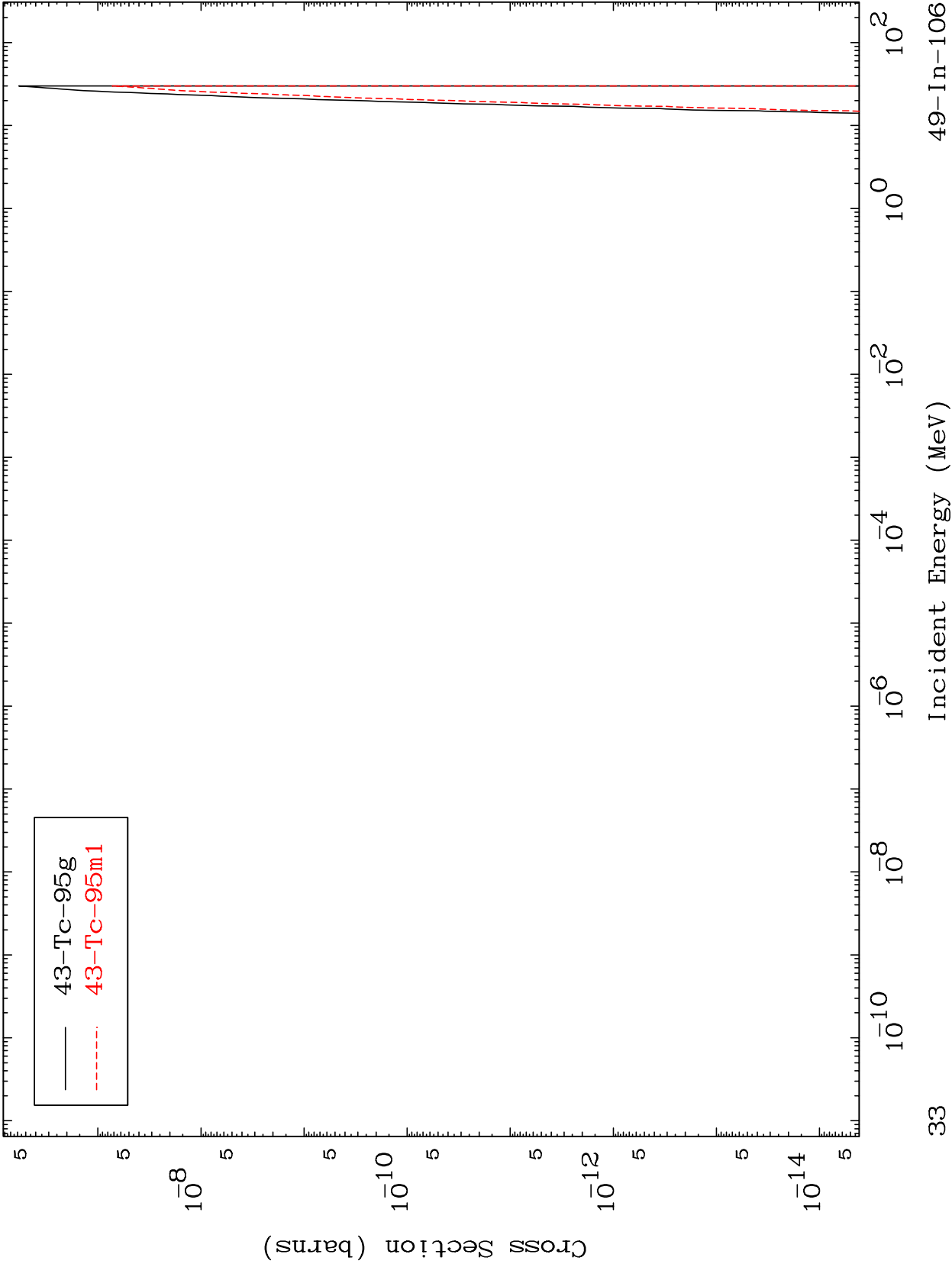
32

MAT 4905

(n, 3α)

49-In-106

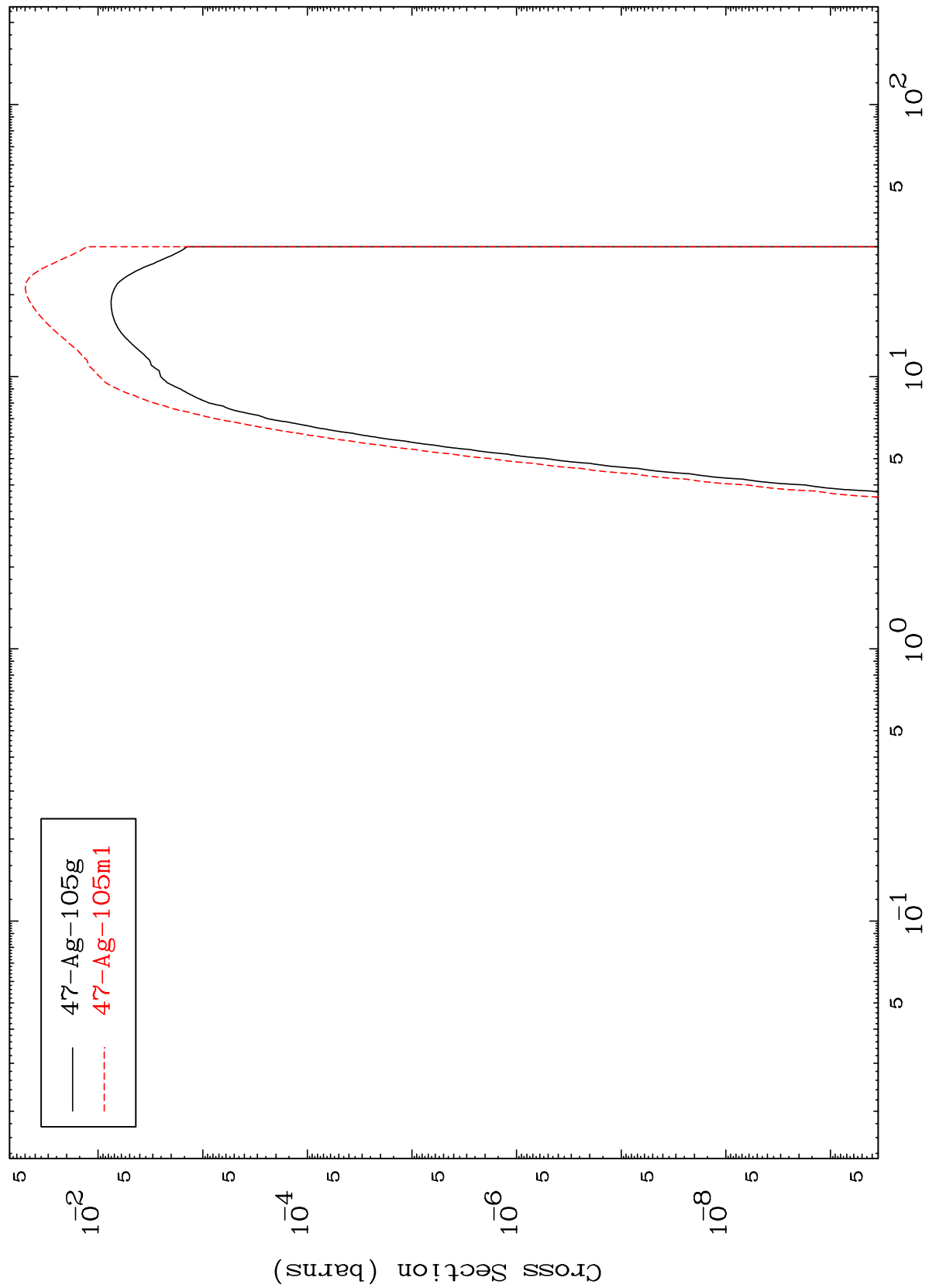
Radionuclide Production Cross Section



MAT 4905

49-In-106

(n,2p)
Radionuclide Production Cross Section



— 47-Ag-105g
- - - 47-Ag-105m1

49-In-106

Incident Energy (MeV)

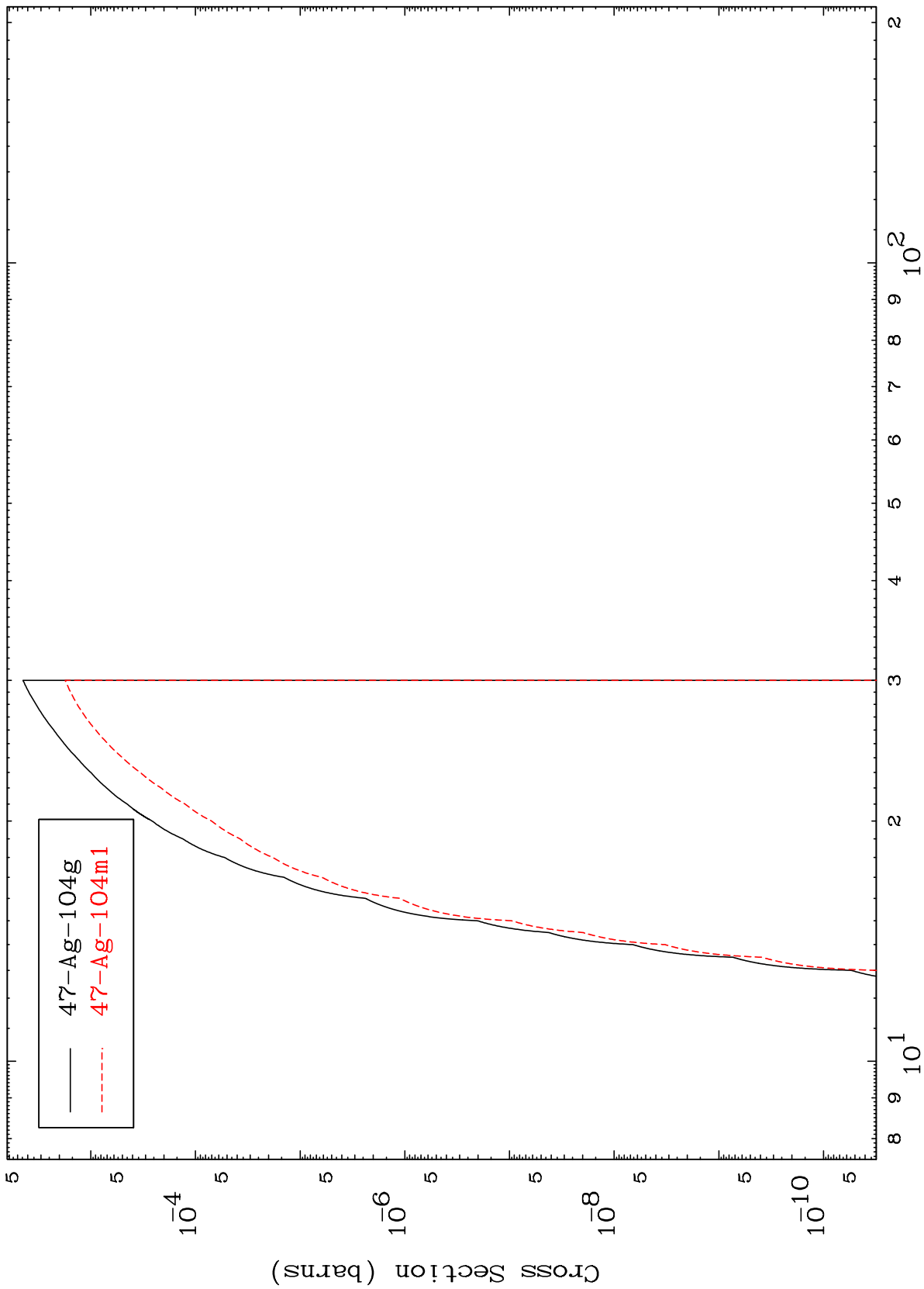
34

MAT 4905

(n,p) d

49-In-106

Radionuclide Production Cross Section



35

Incident Energy (MeV)

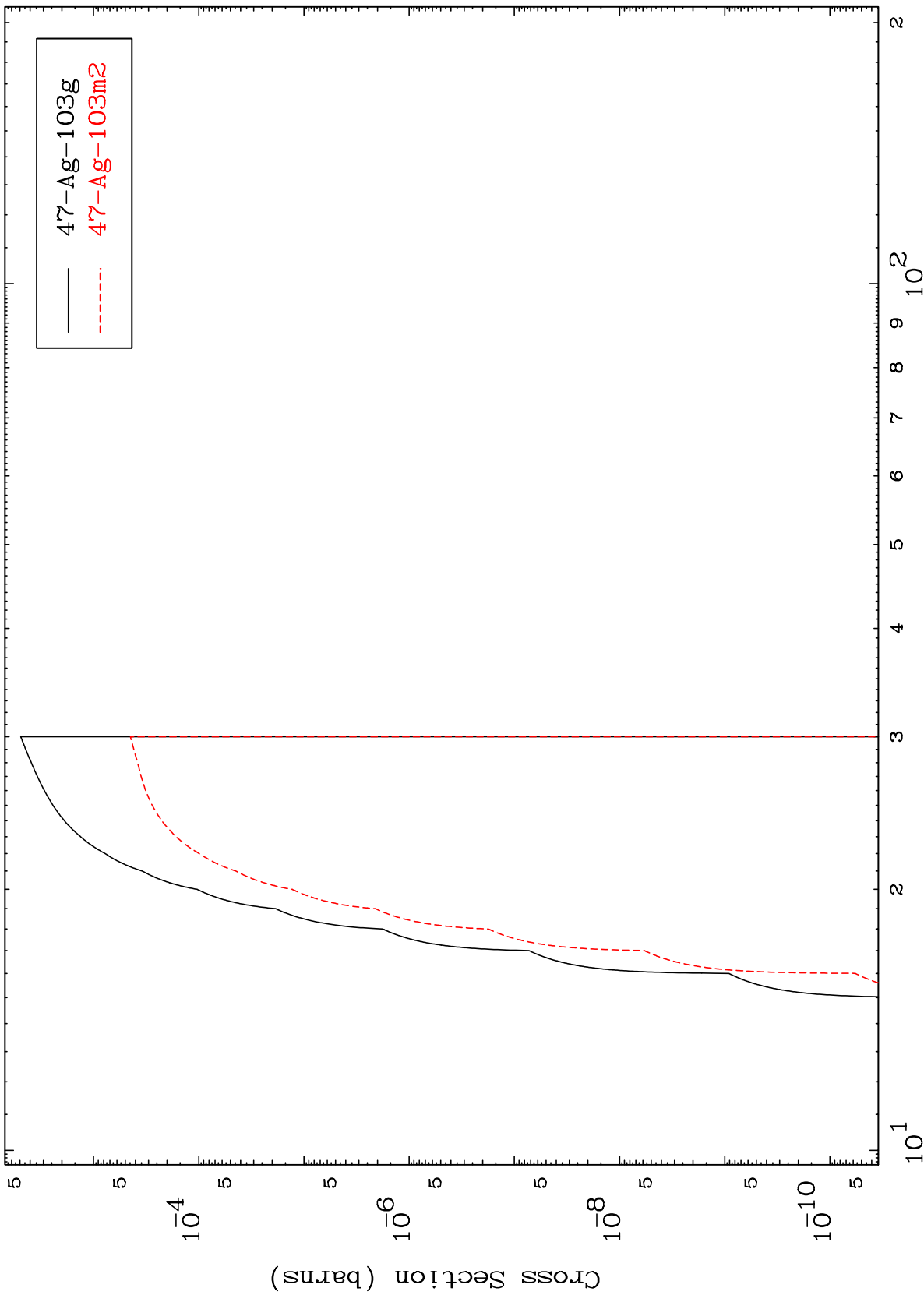
49-In-106

MAT 4905

(n,p) t

49-In-106

Radionuclide Production Cross Section



36

Incident Energy (MeV)

49-In-106