

Program EVALPLOT
(Version 2021-1)

by

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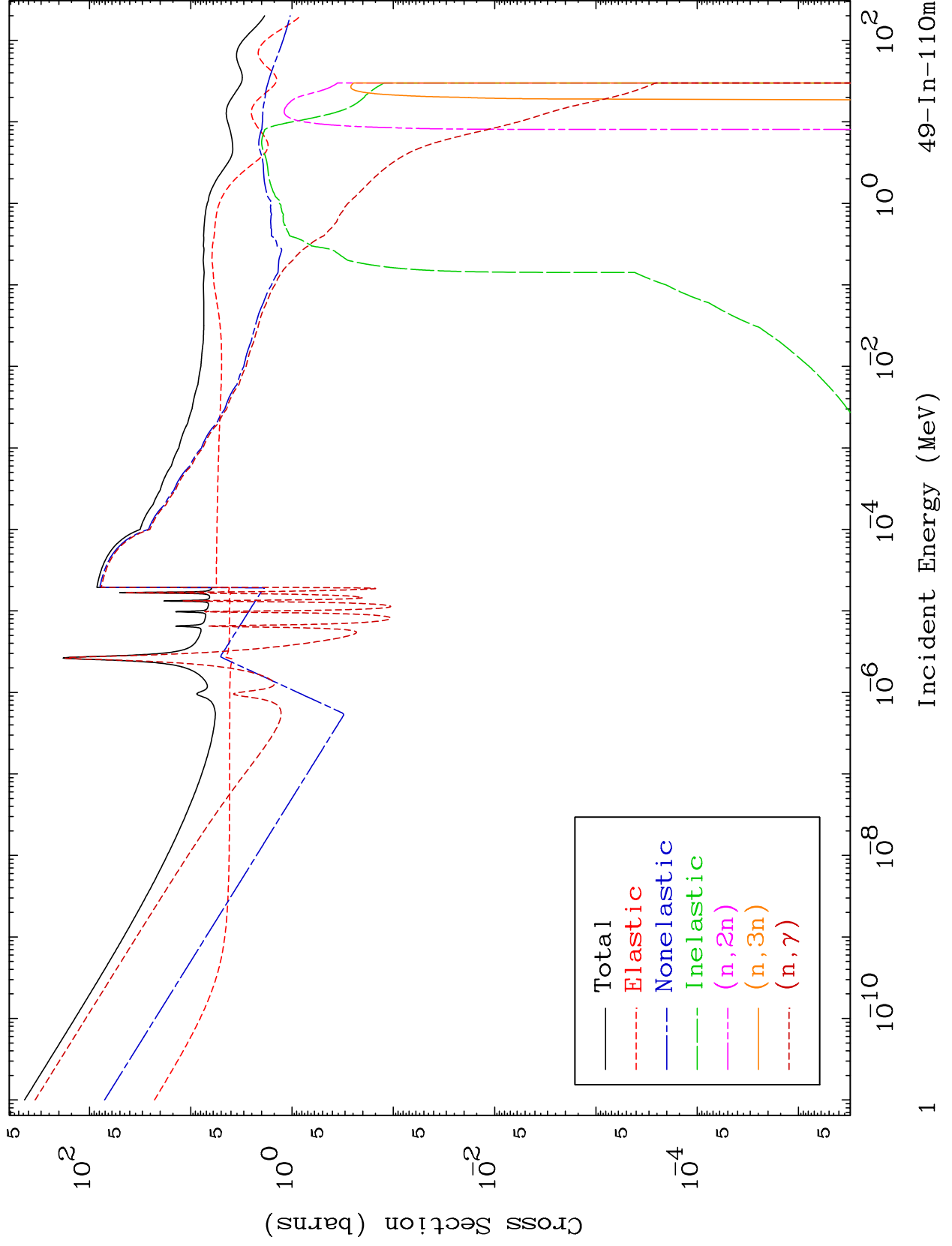
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4917

Neutron Major
293 Kelvin Cross Sections

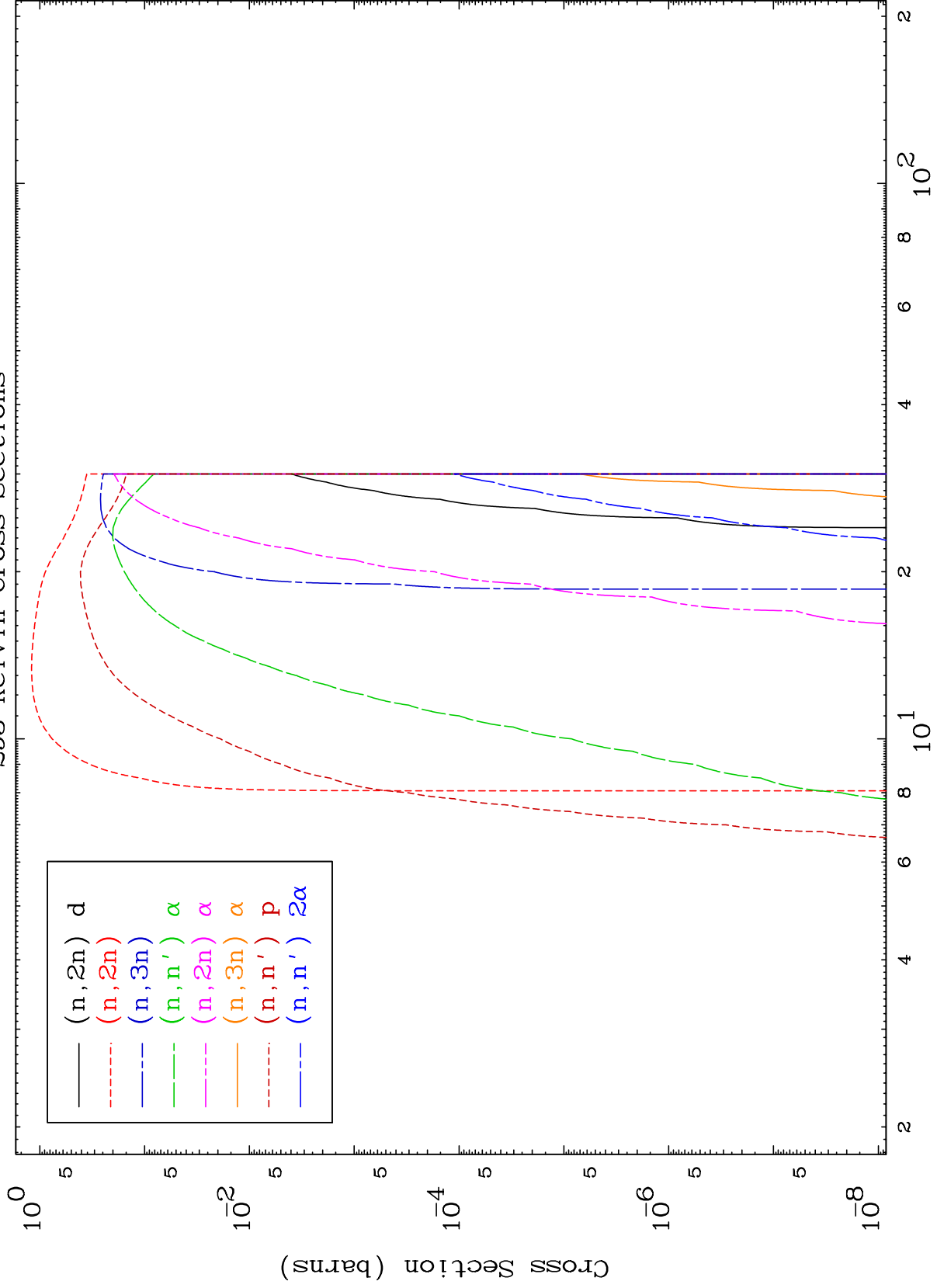
49-In-110m



MAT 4917

Neutron Absorption
293 Kelvin Cross Sections

49-In-110m



2

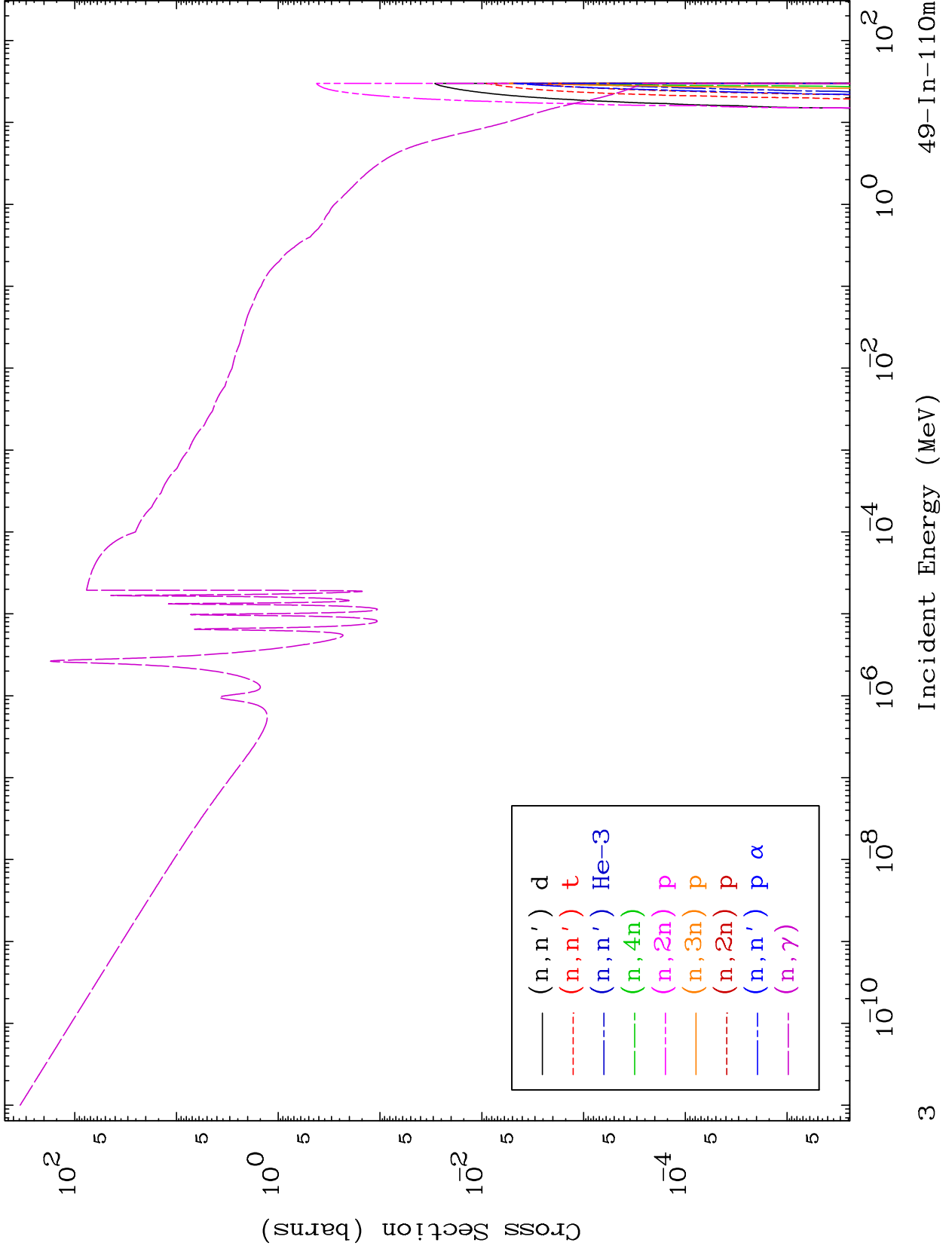
Incident Energy (MeV)

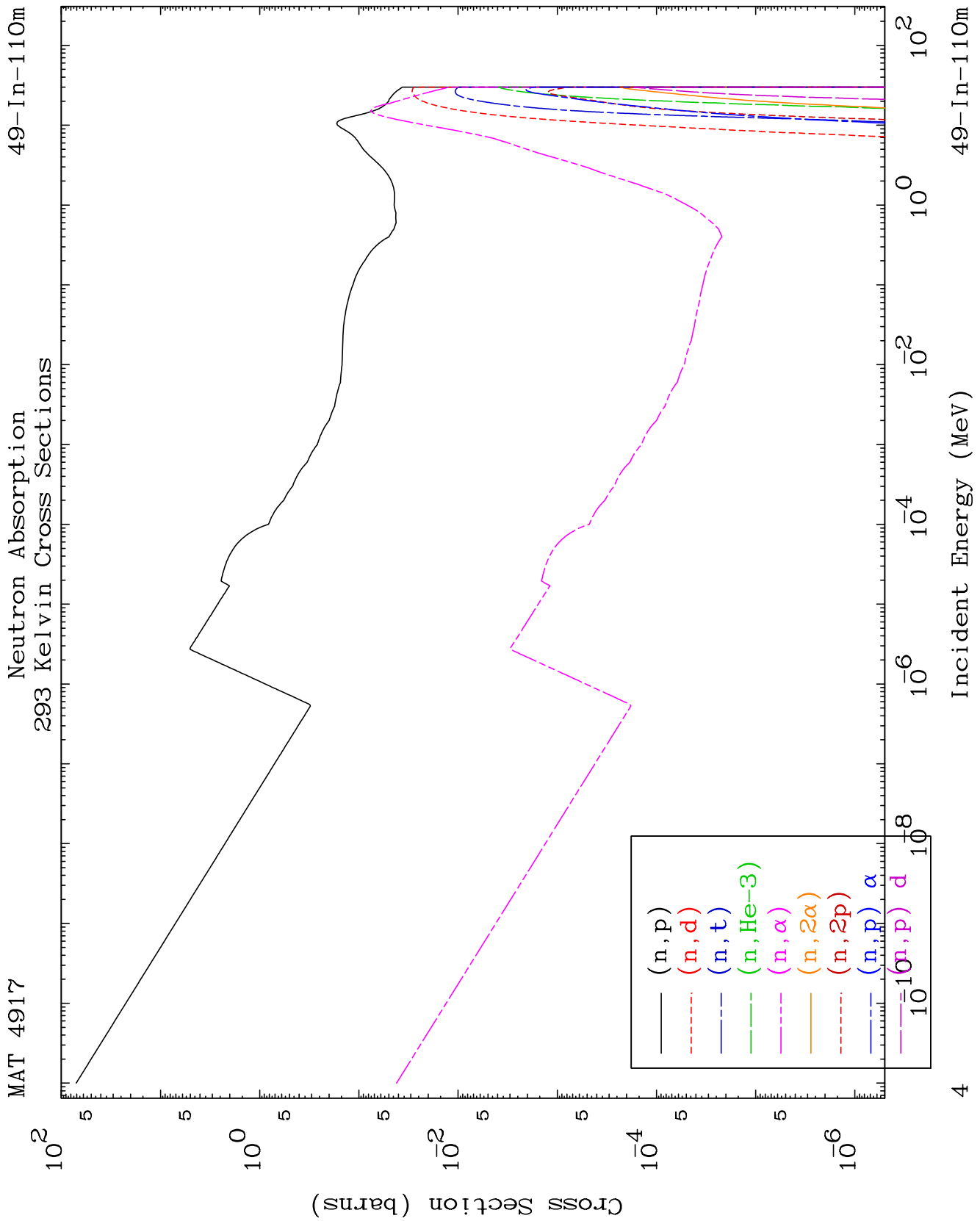
49-In-110m

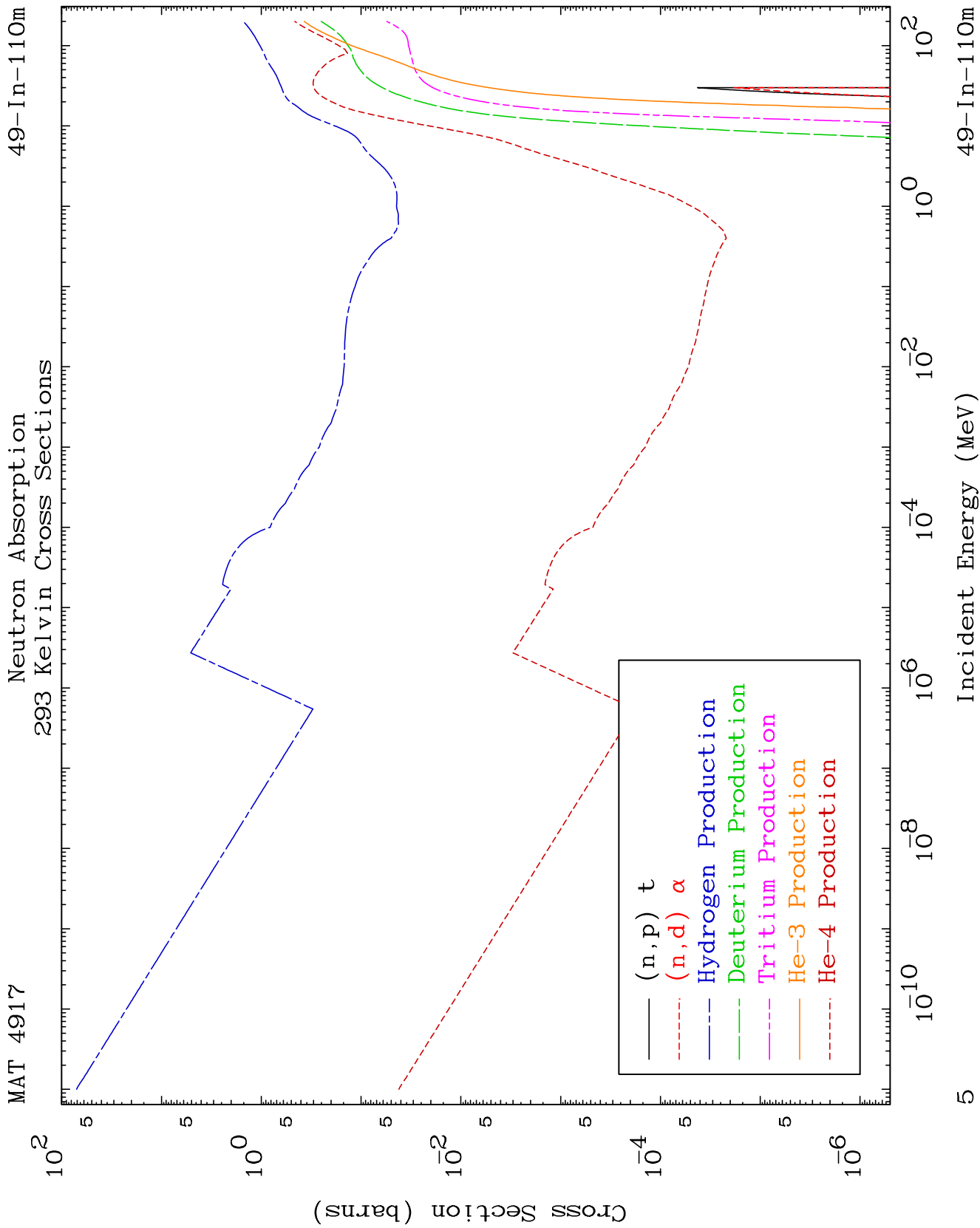
MAT 4917

Neutron Absorption
293 Kelvin Cross Sections

49-In-110m



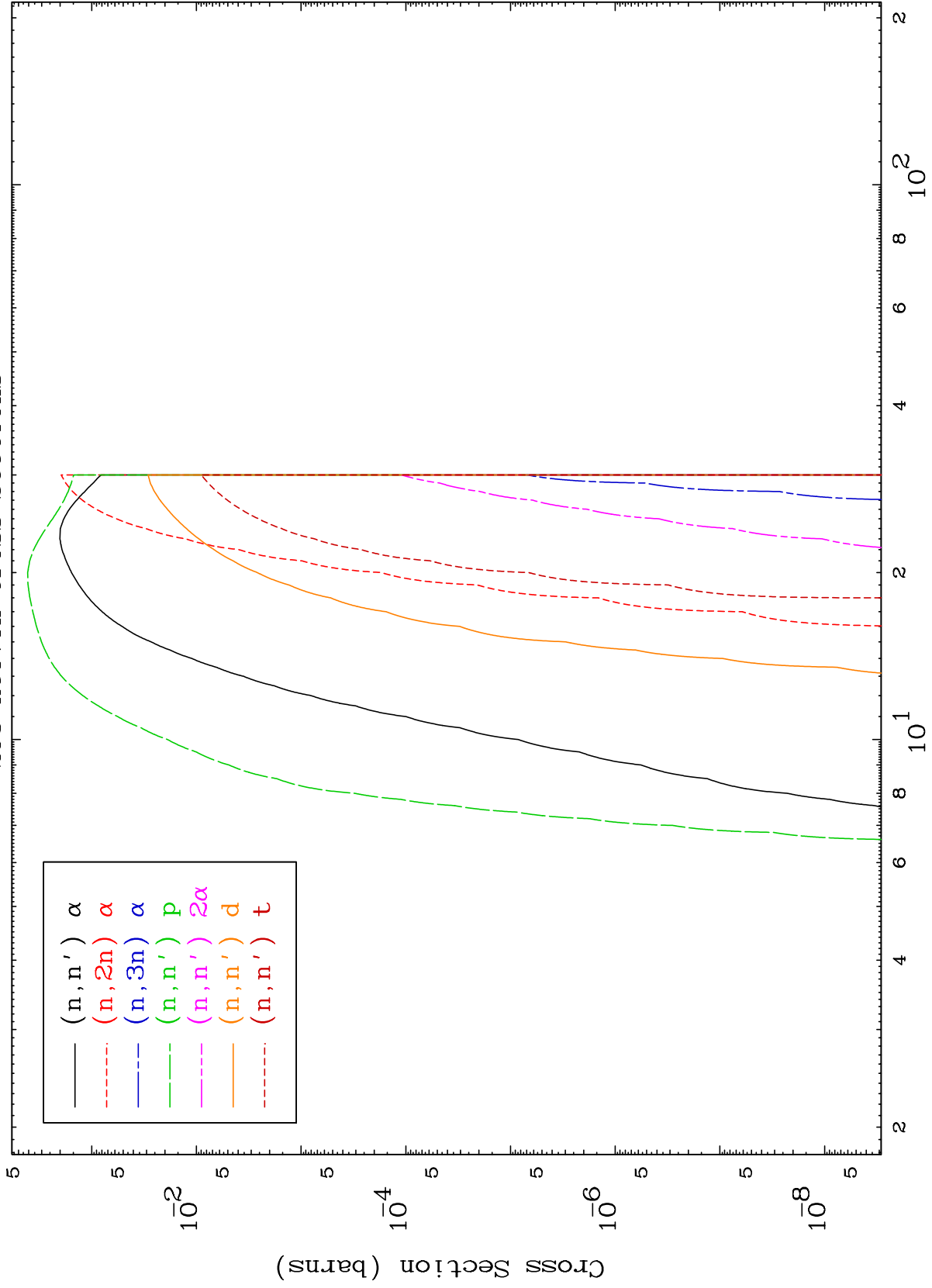




MAT 4917

Charged Particle
293 Kelvin Cross Sections

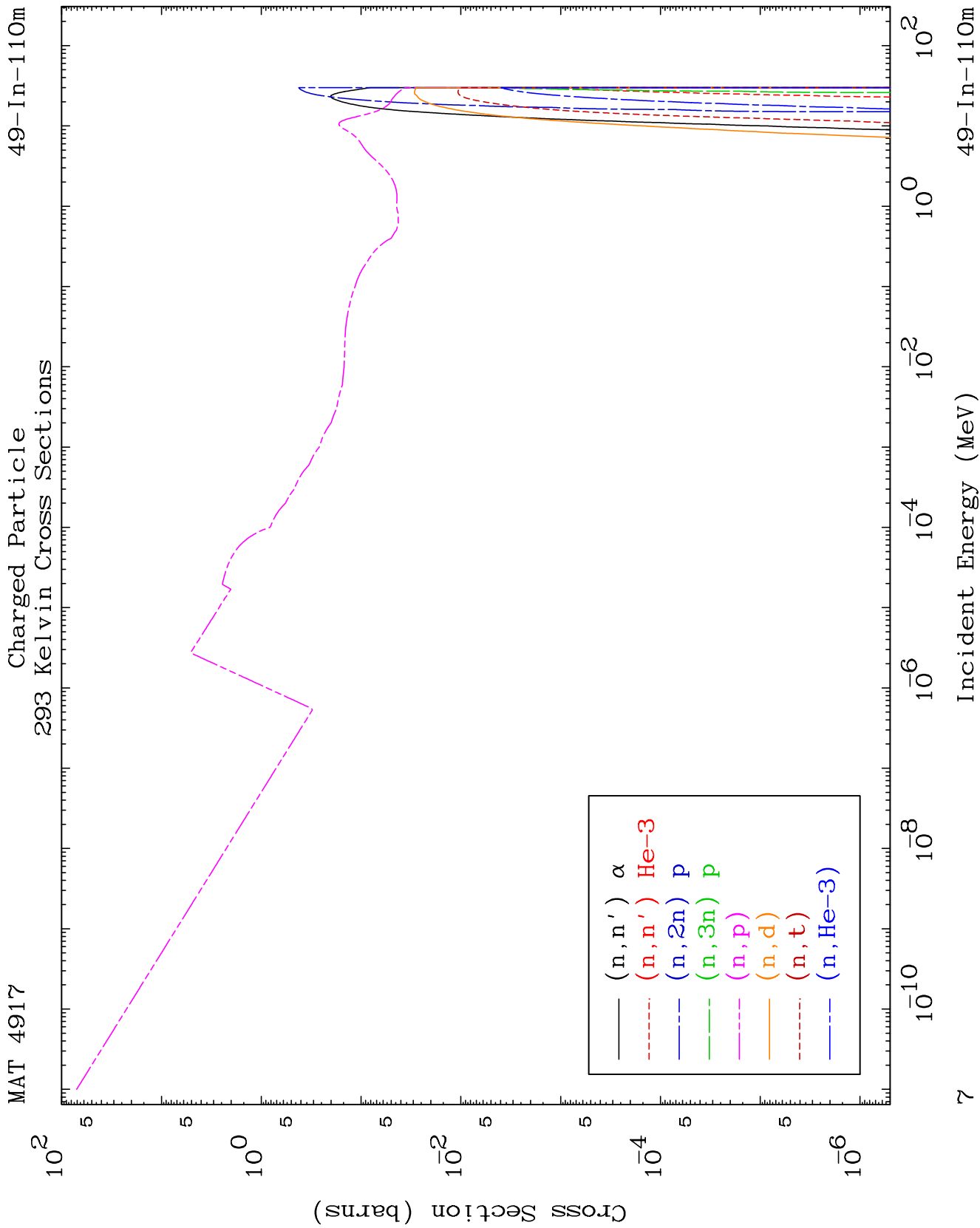
49-In-110m



49-In-110m

Incident Energy (MeV)

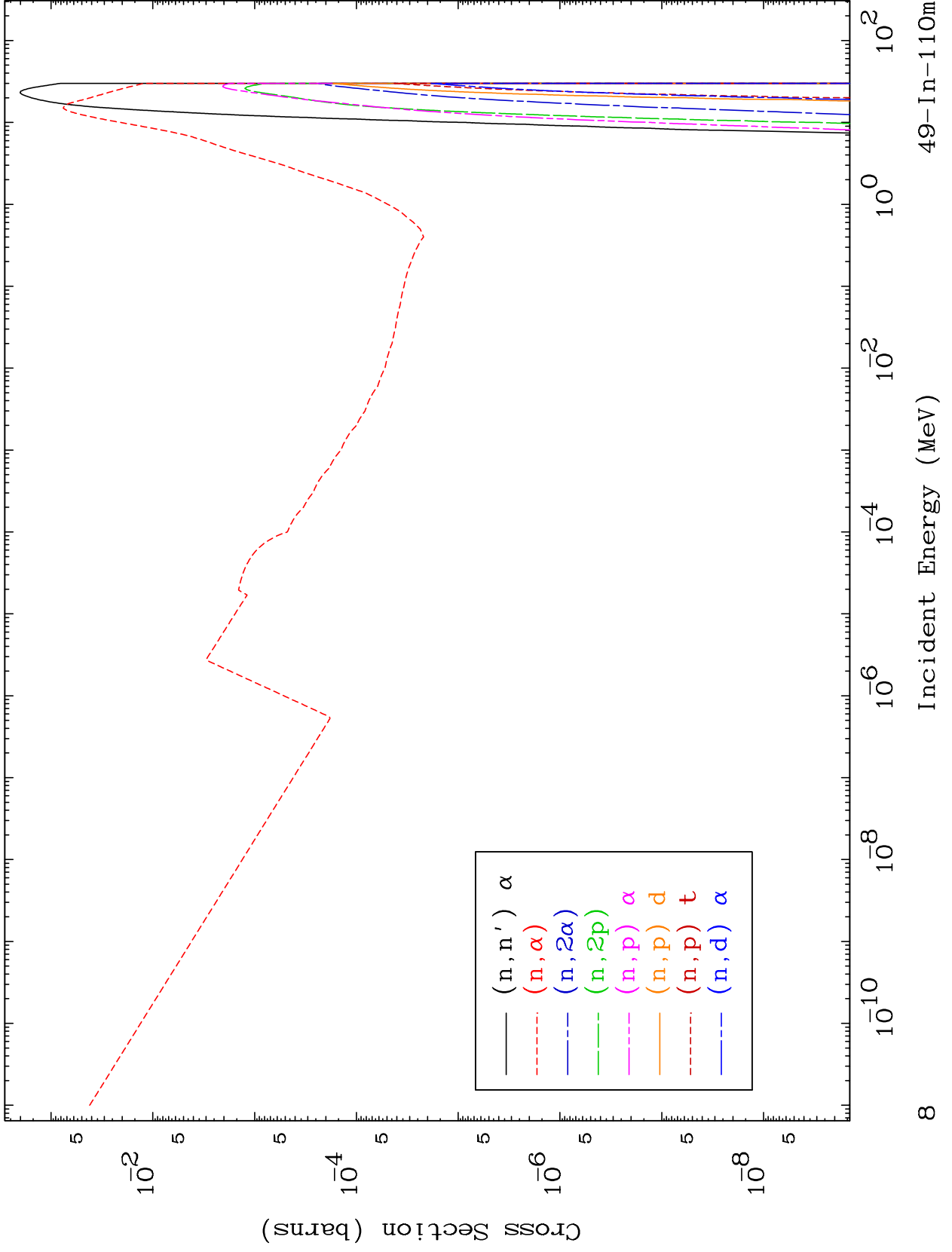
6

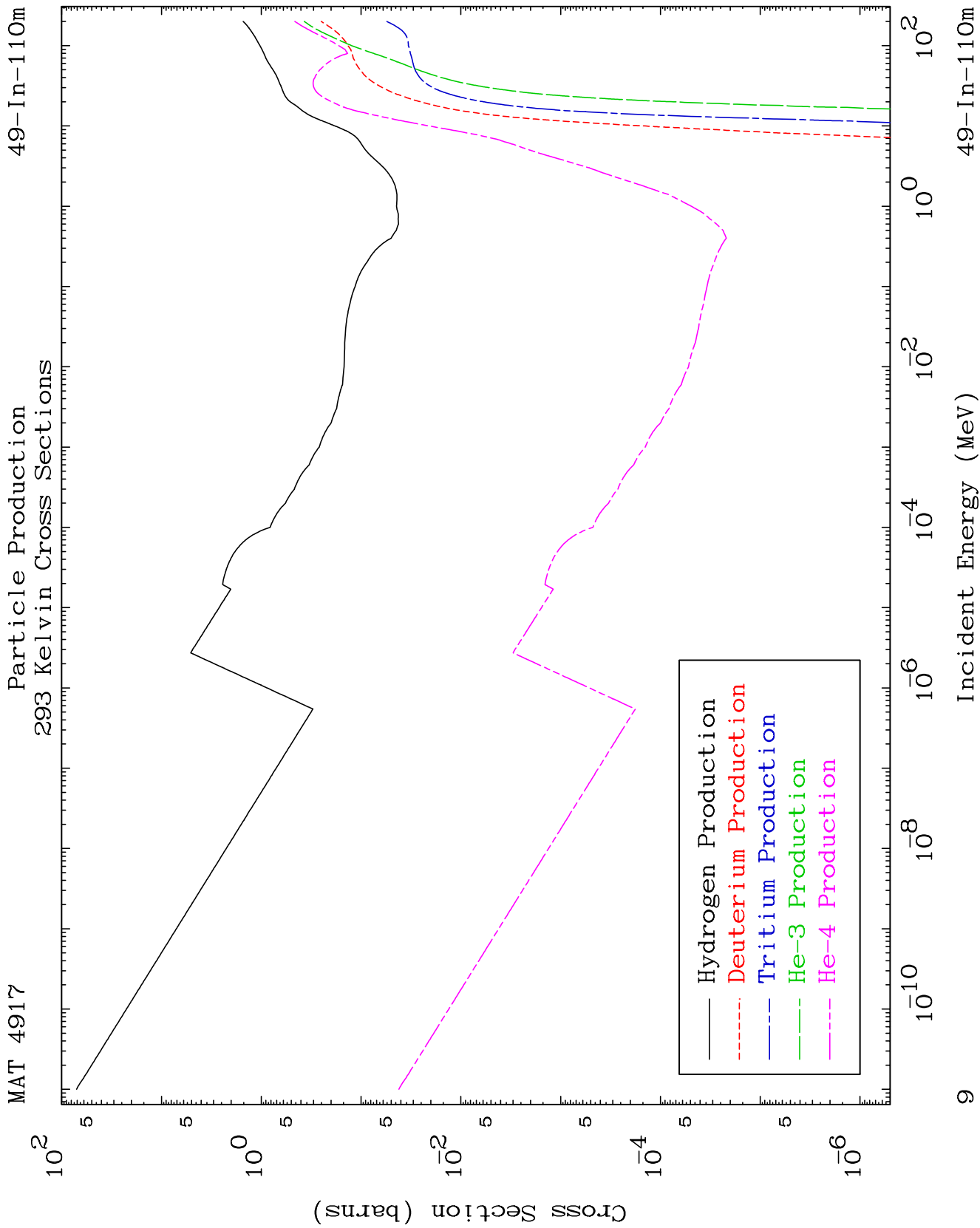


MAT 4917

Charged Particle
293 Kelvin Cross Sections

49-In-110m



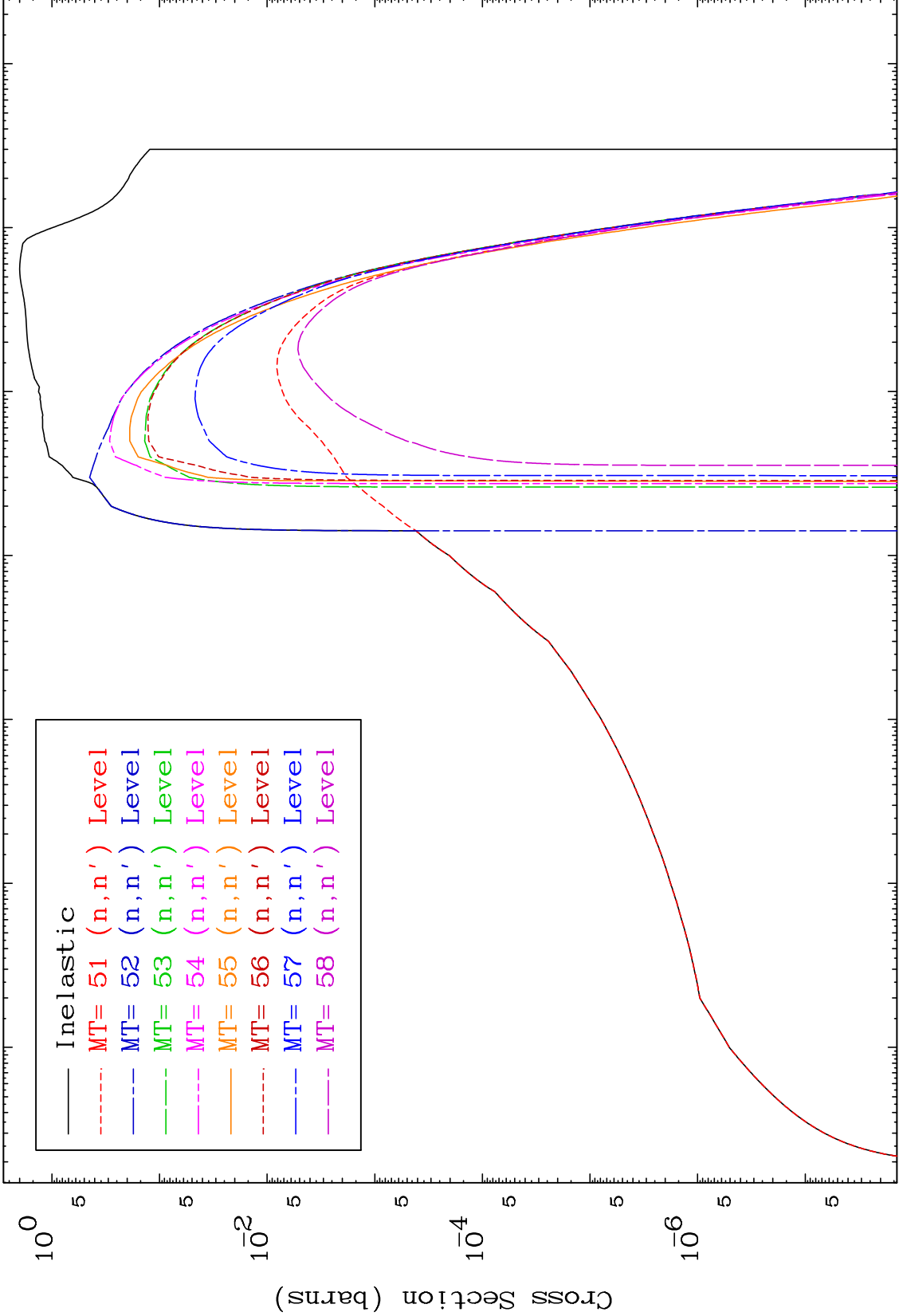


MAT 4917

(n,n') Levels

49-In-110m

293 Kelvin Cross Sections



- Inelastic
- - - MT= 51 (n,n') Level
- . - MT= 52 (n,n') Level
- - - MT= 53 (n,n') Level
- . - MT= 54 (n,n') Level
- - - MT= 55 (n,n') Level
- . - MT= 56 (n,n') Level
- - - MT= 57 (n,n') Level
- . - MT= 58 (n,n') Level

10

Incident Energy (MeV)

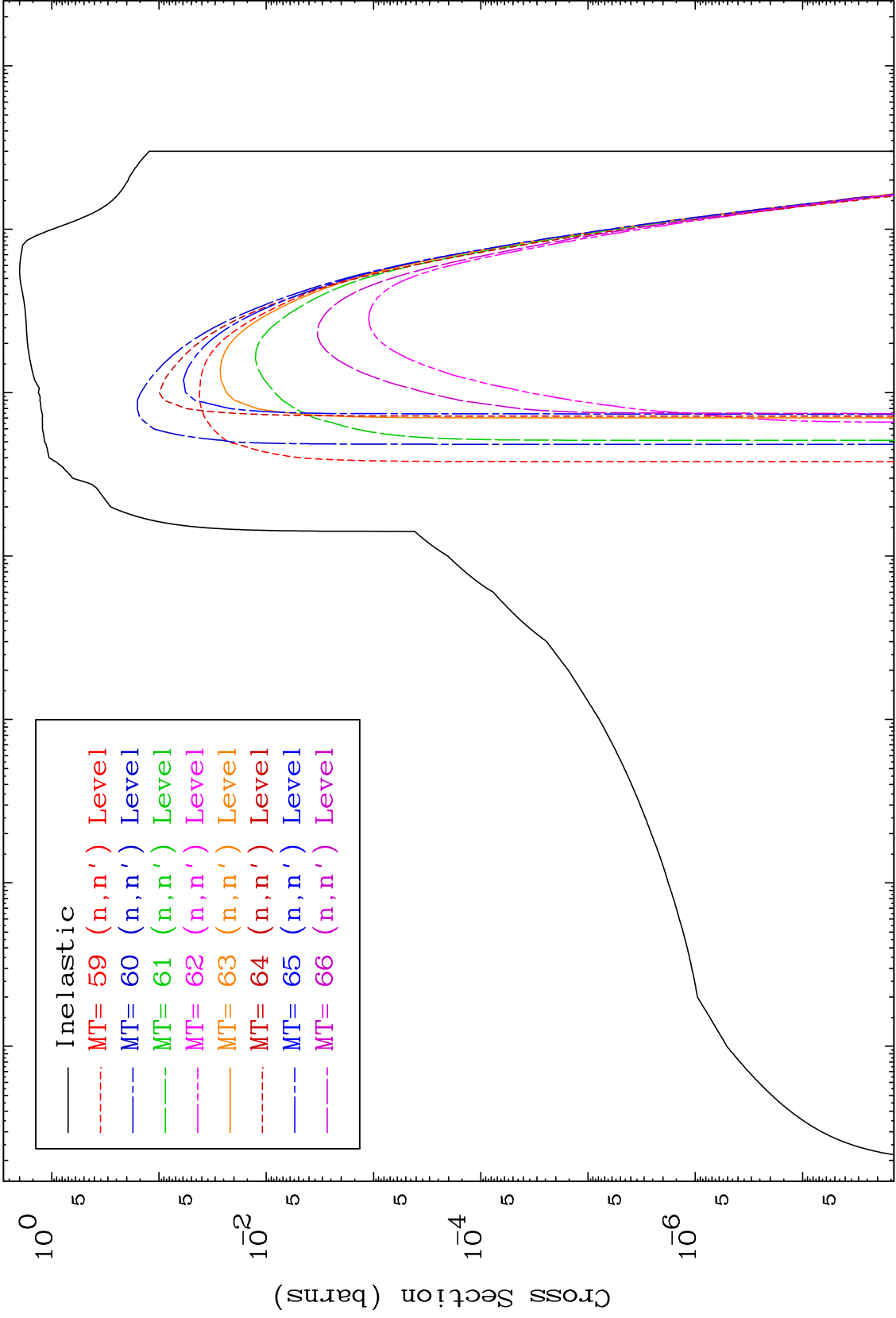
49-In-110m

MAT 4917

(n,n') Levels

49-In-110m

293 Kelvin Cross Sections

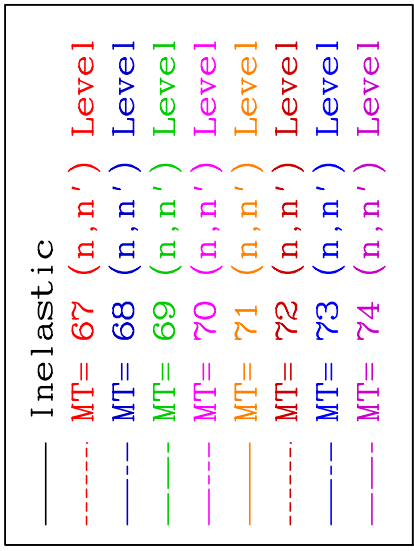
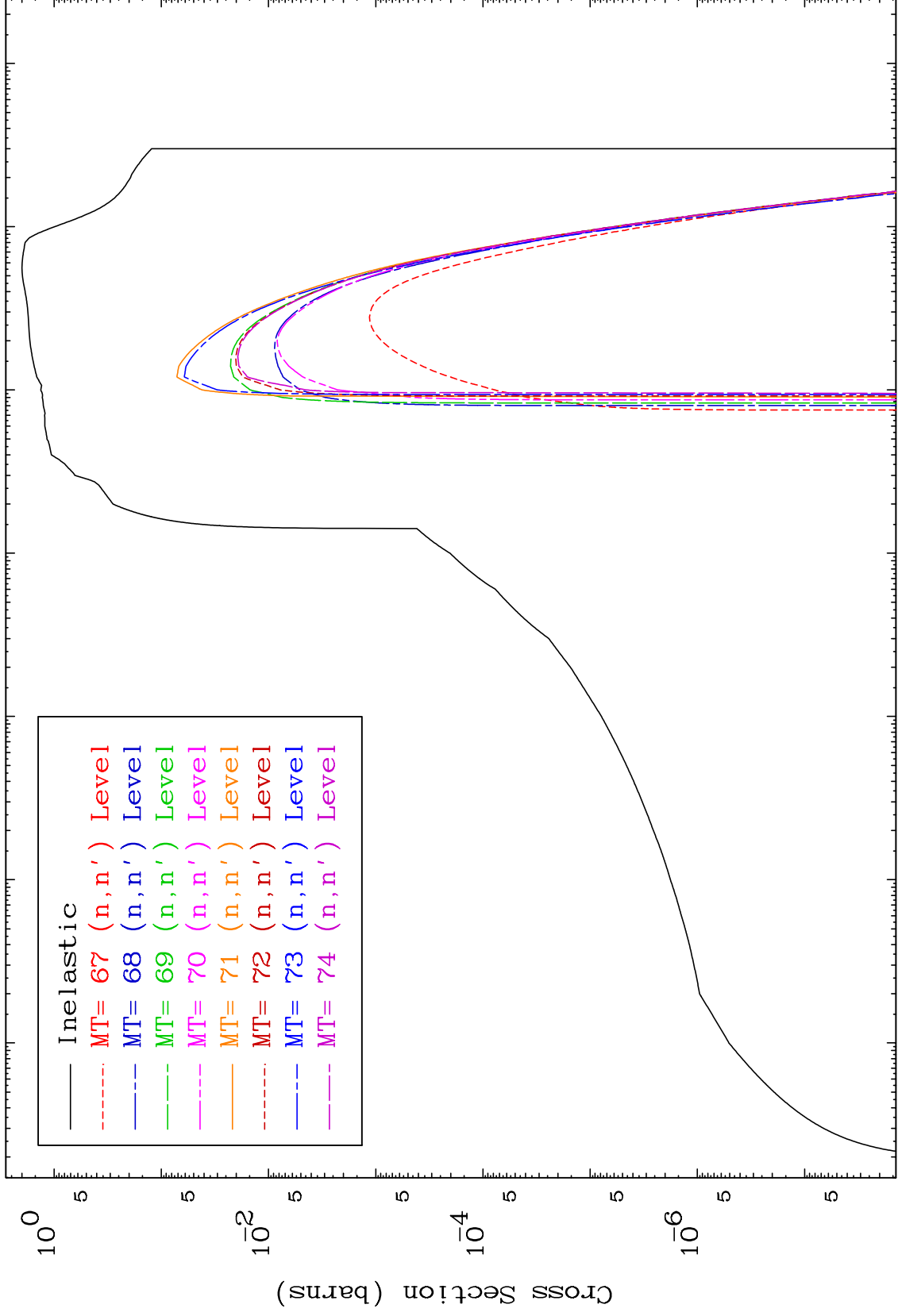


MAT 4917

(n,n') Levels

49-In-110m

293 Kelvin Cross Sections

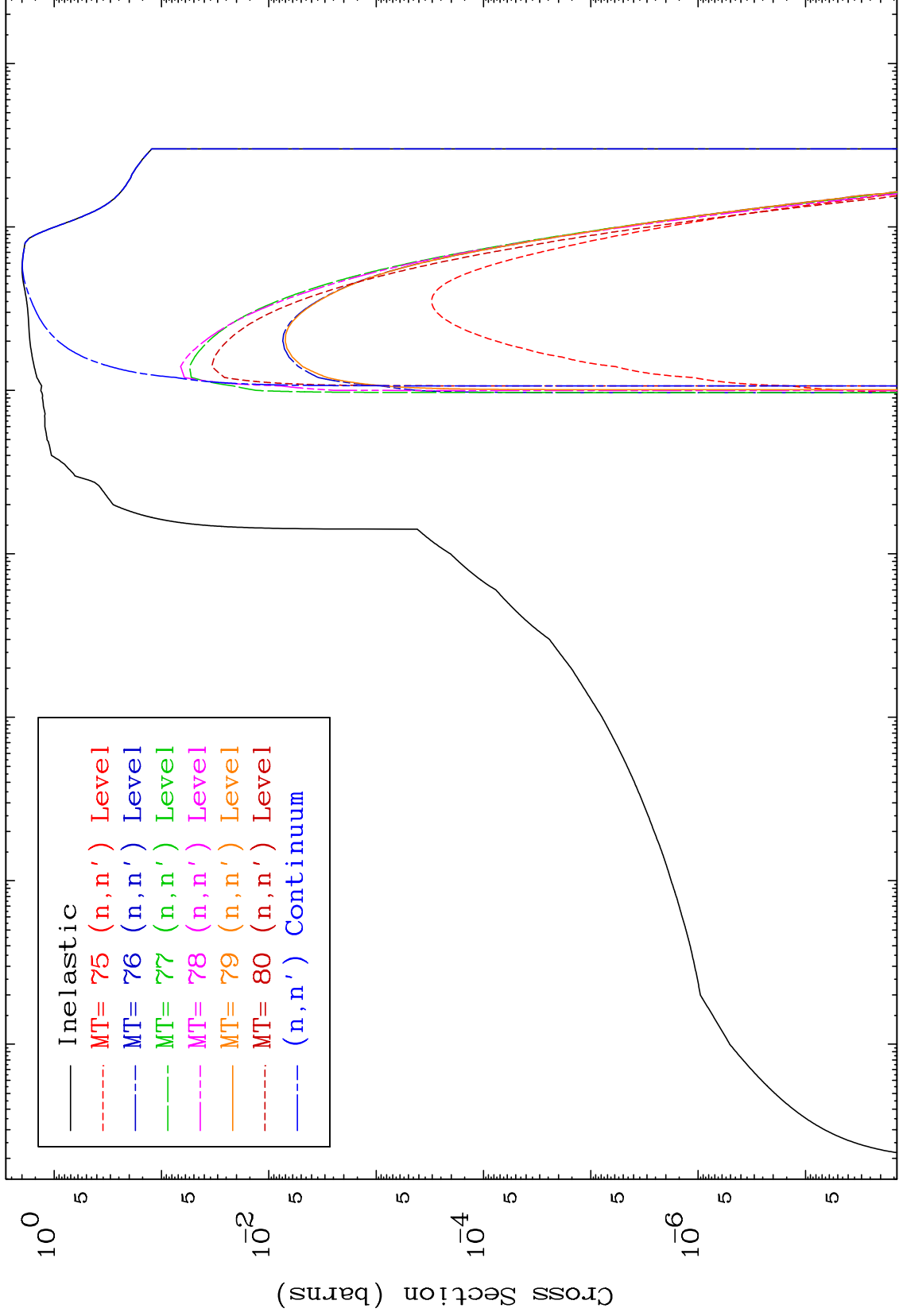


MAT 4917

(n,n') Levels

49-In-110m

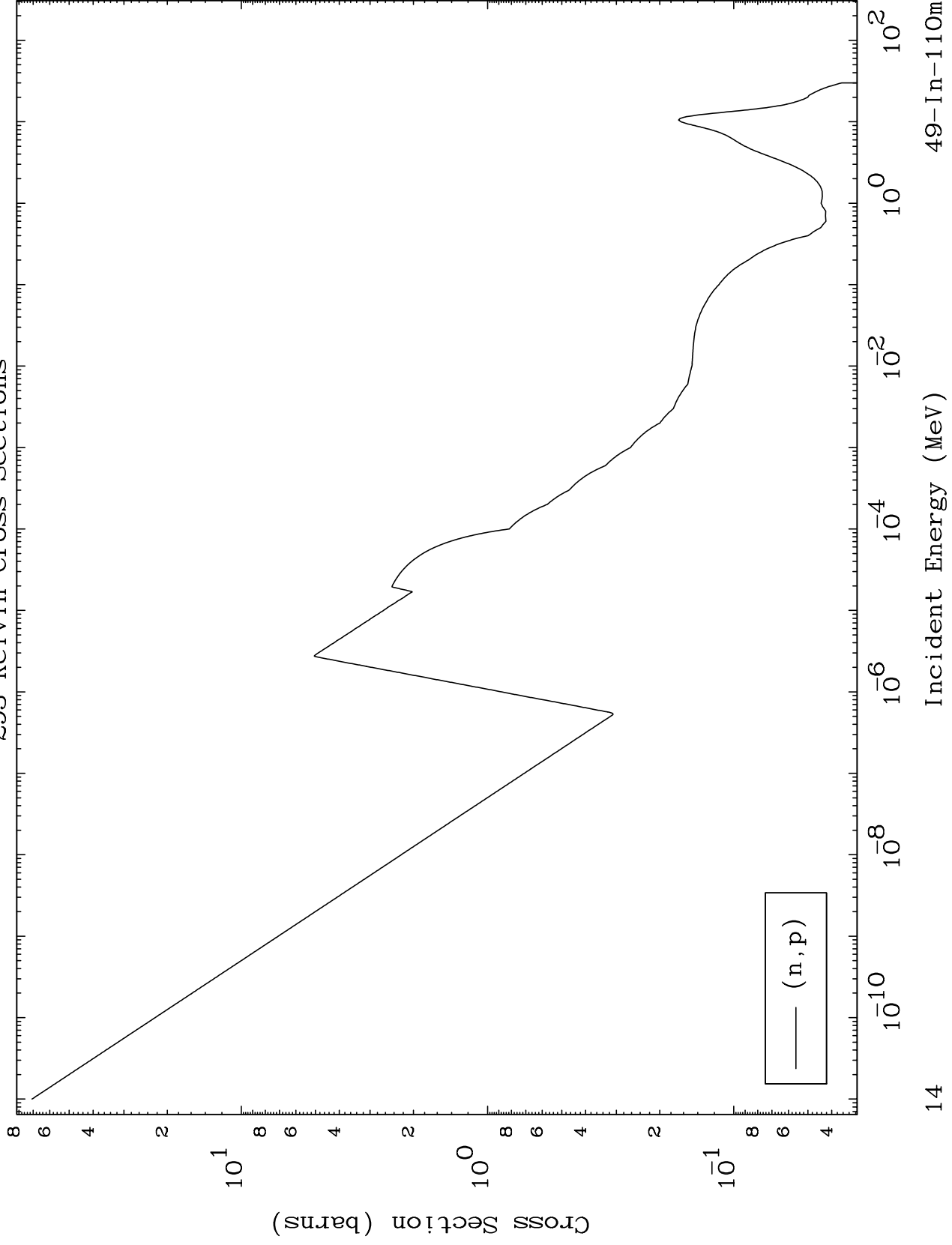
293 Kelvin Cross Sections



MAT 4917

(n,p) Levels
293 Kelvin Cross Sections

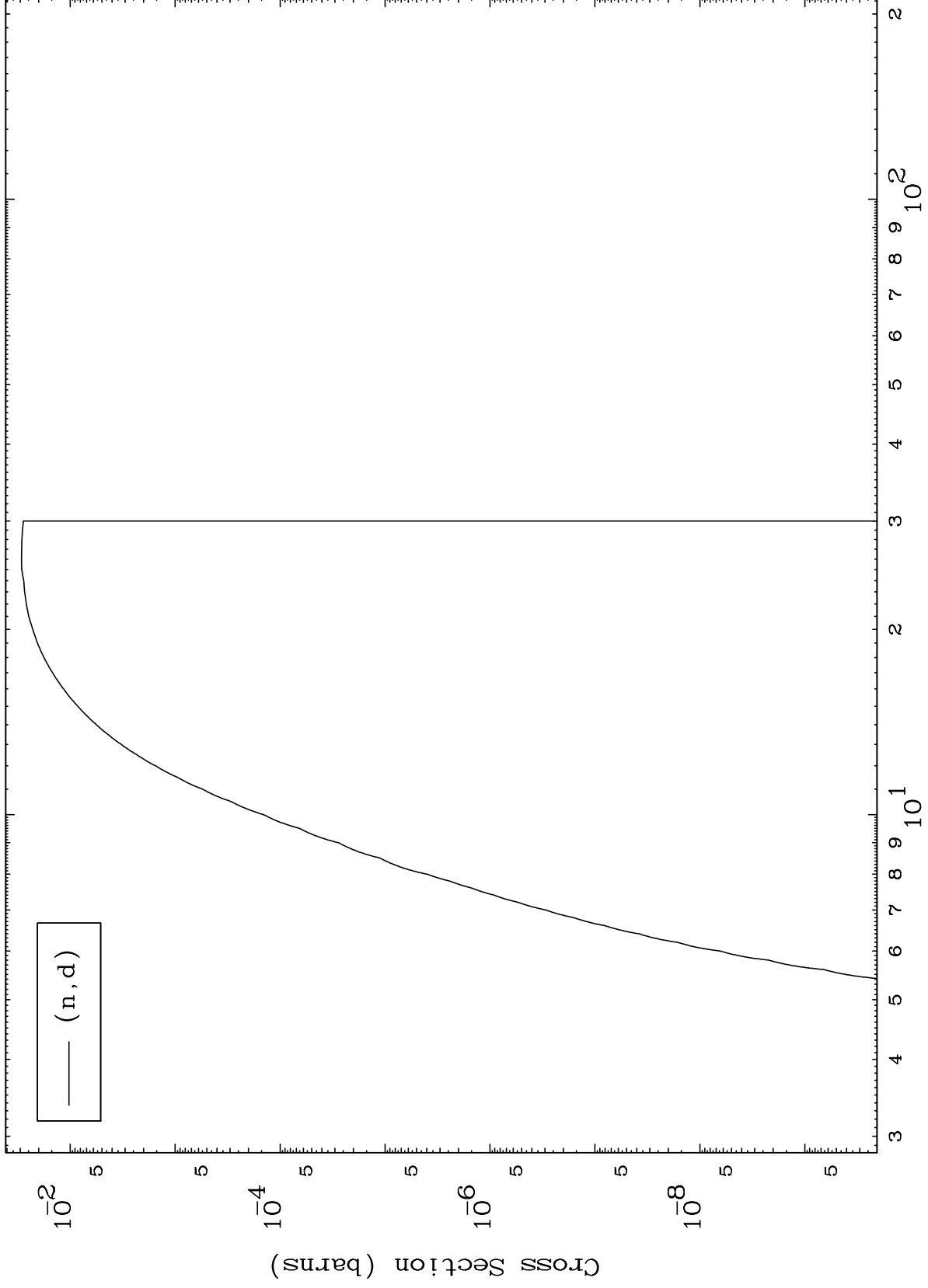
49-In-110m



MAT 4917

(n,d) Levels
293 Kelvin Cross Sections

49-In-110m



15

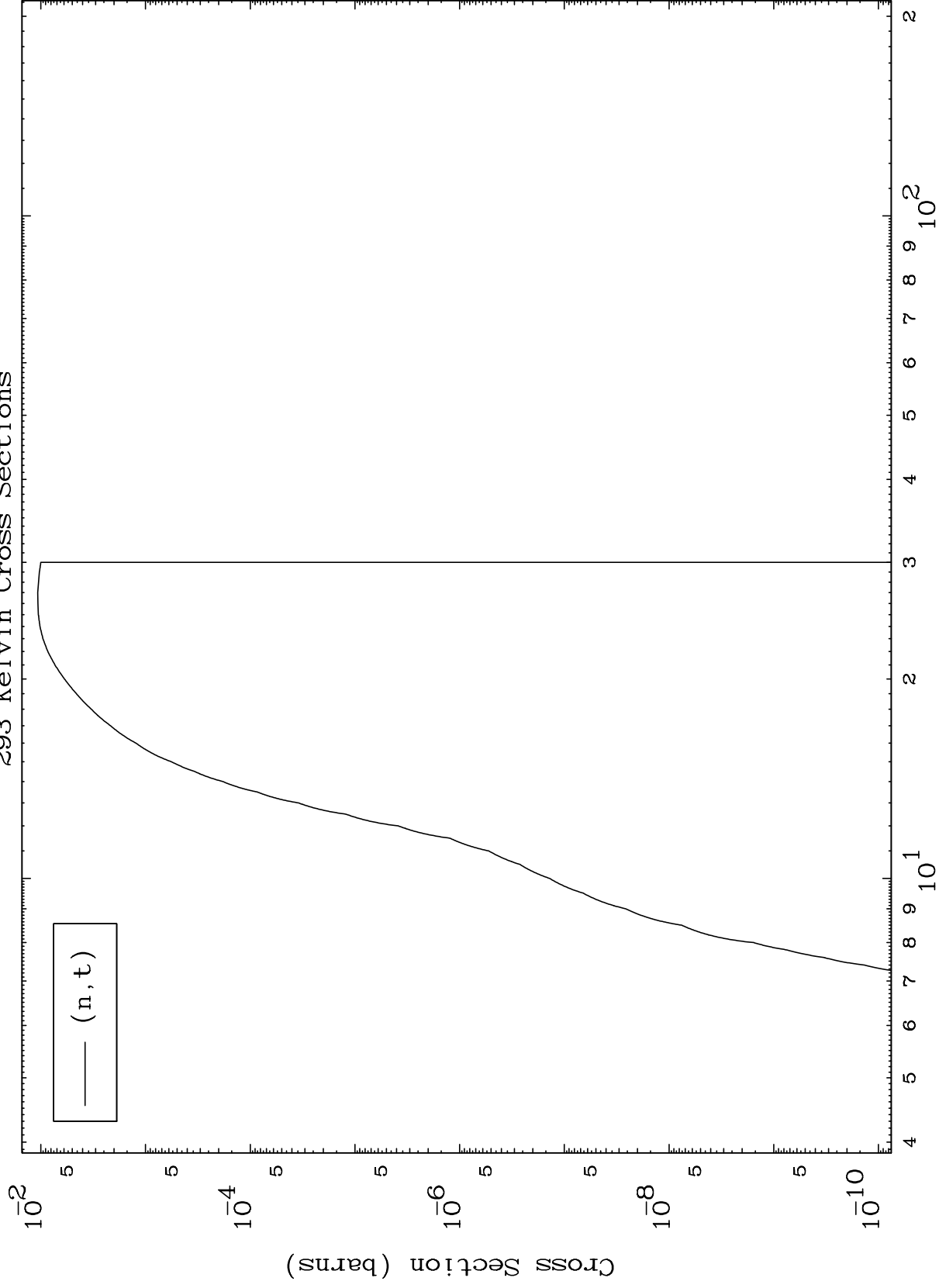
Incident Energy (MeV)

49-In-110m

MAT 4917

(n,t) Levels
293 Kelvin Cross Sections

49-In-110m



16

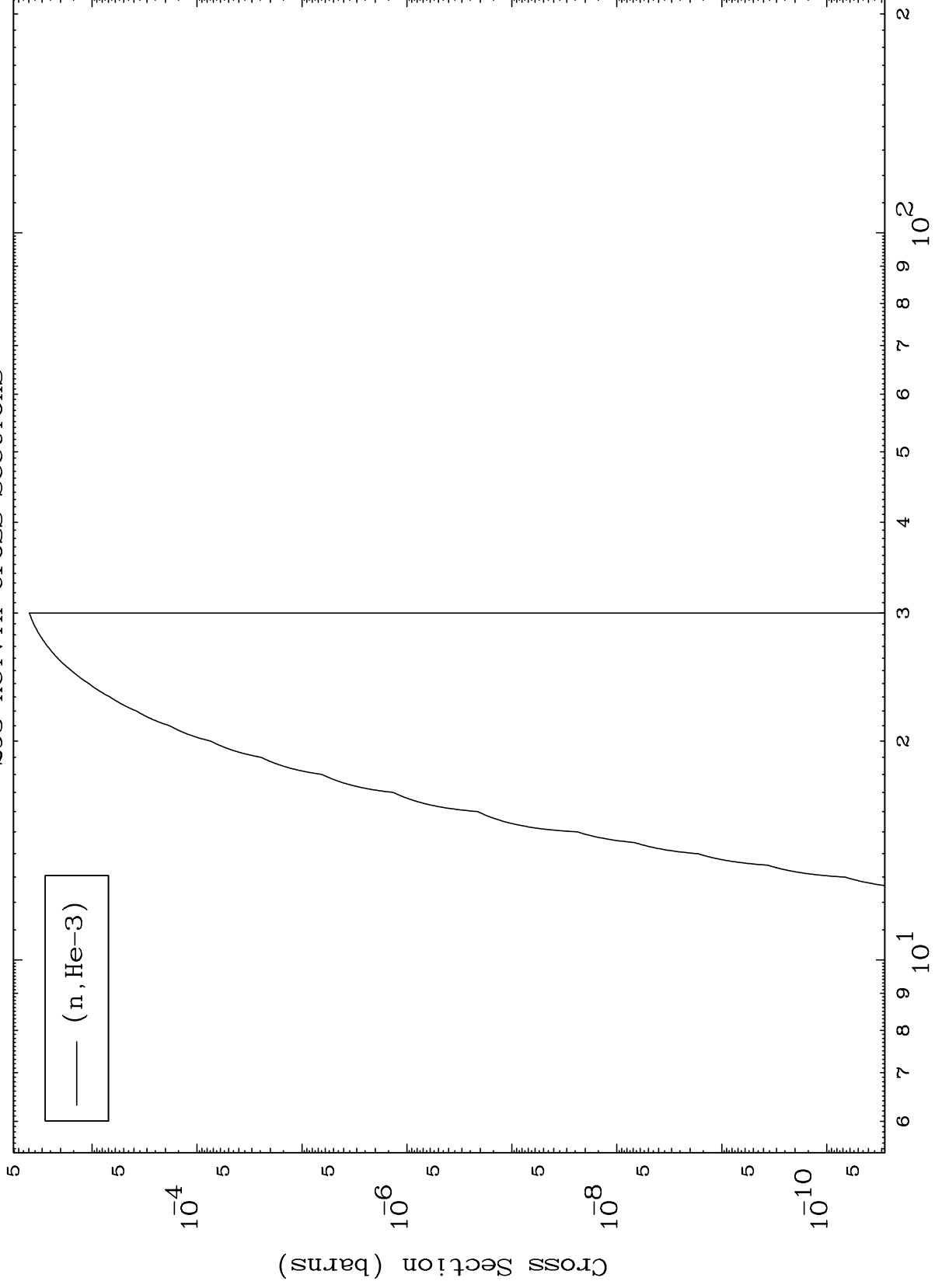
Incident Energy (MeV)

49-In-110m

MAT 4917

(n,He3) Levels
293 Kelvin Cross Sections

49-In-110m



17

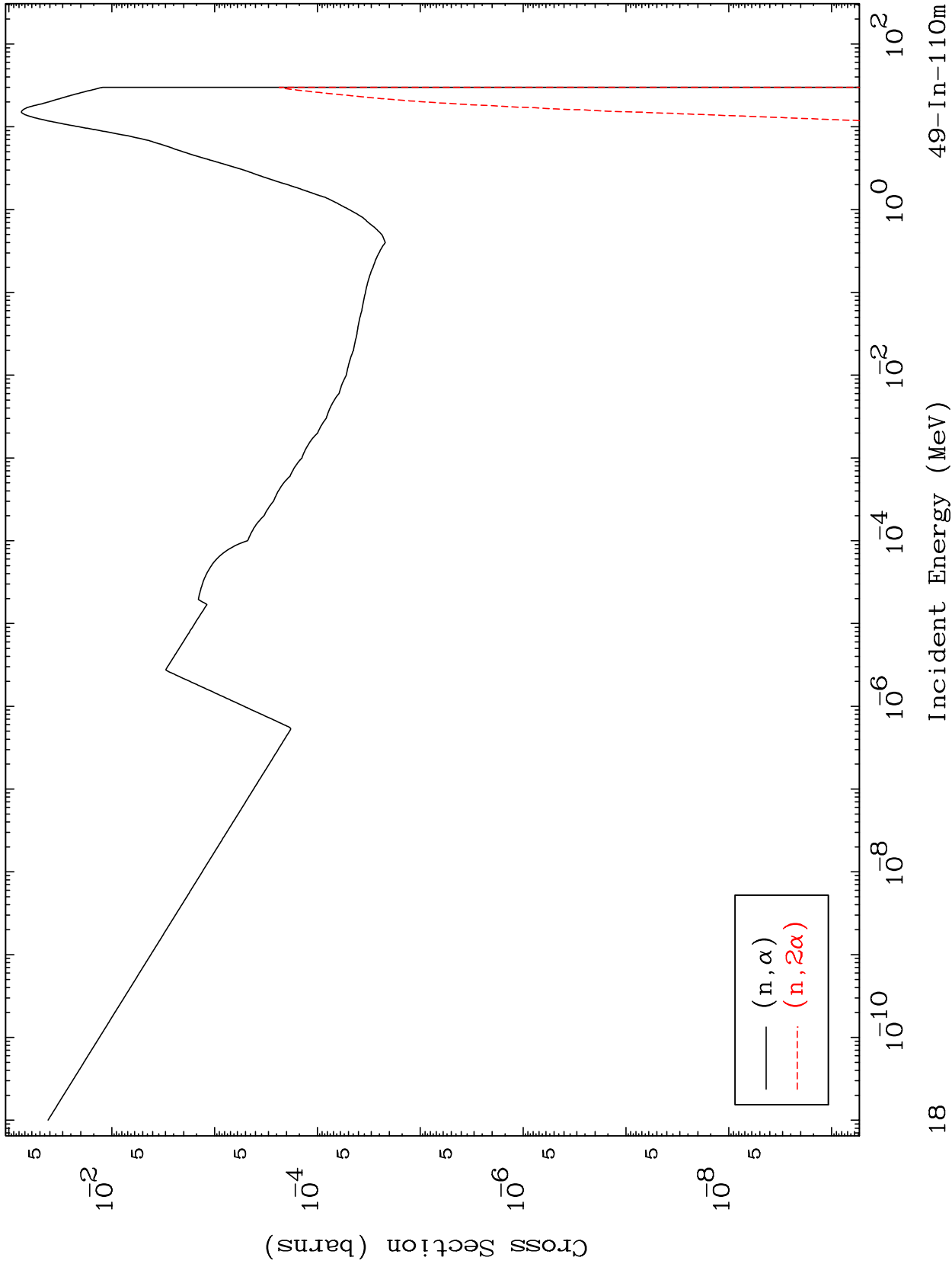
Incident Energy (MeV)

49-In-110m

MAT 4917

(n,α) Levels
293 Kelvin Cross Sections

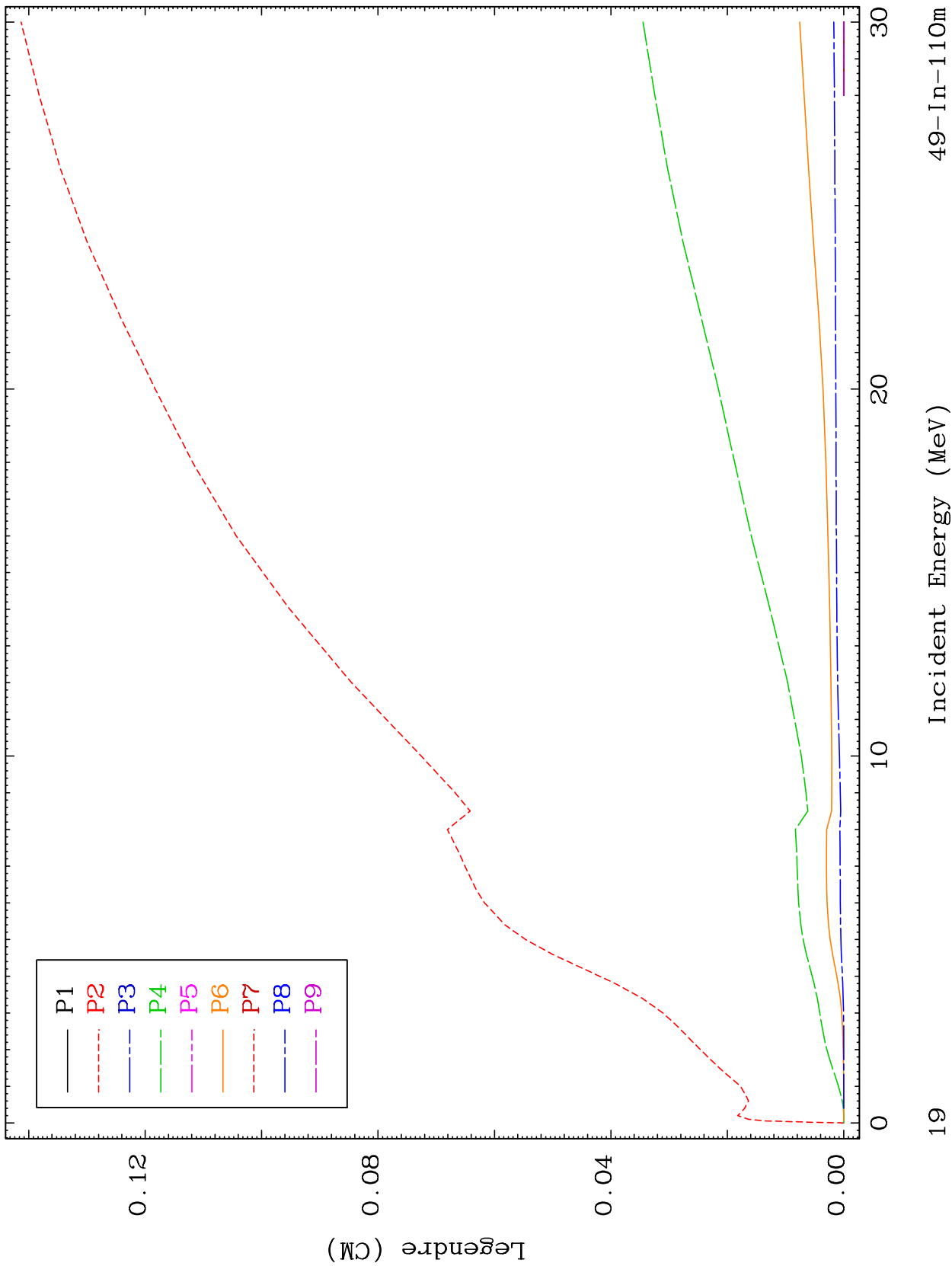
49-In-110m



MAT 4917

Elastic Legendre Coefficients

49-In-110m

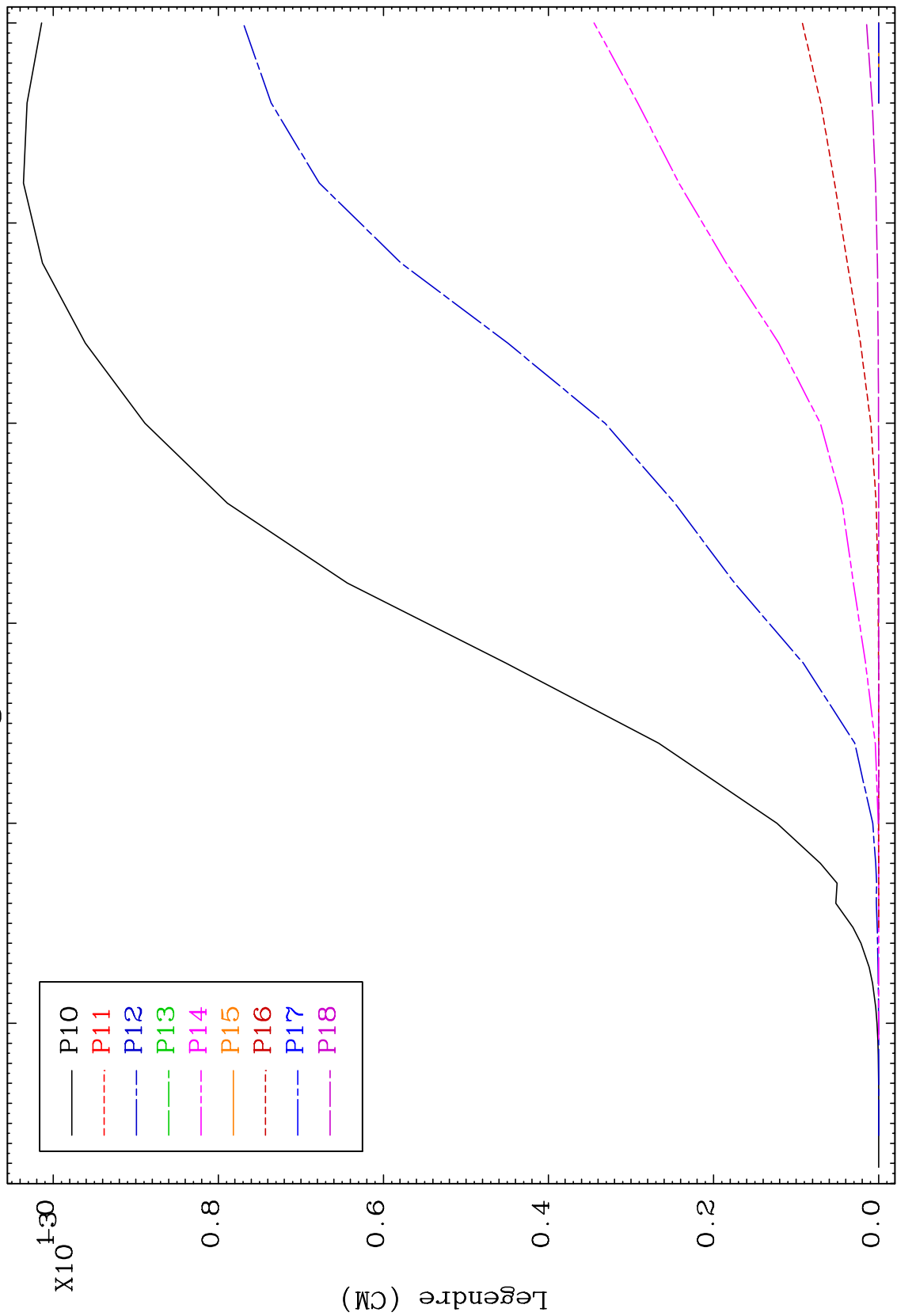


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MAT 4917

Elastic Legendre Coefficients

49-In-110m



20

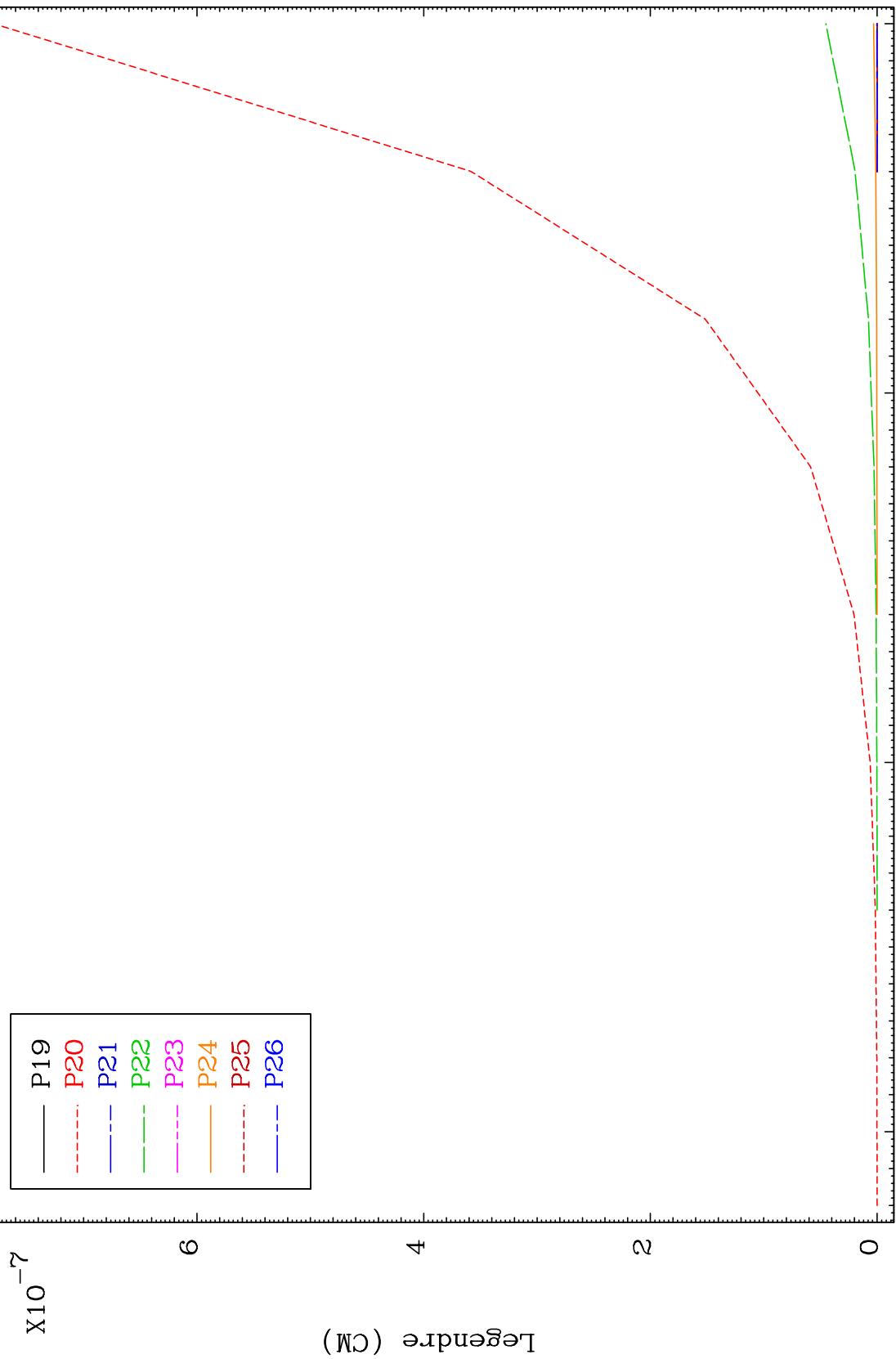
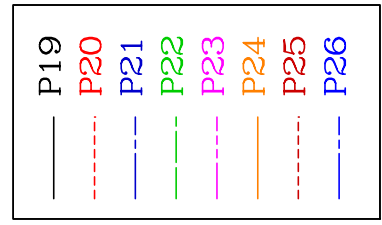
Incident Energy (MeV)

49-In-110m

MAT 4917

Elastic Legendre Coefficients

49-In-110m



21

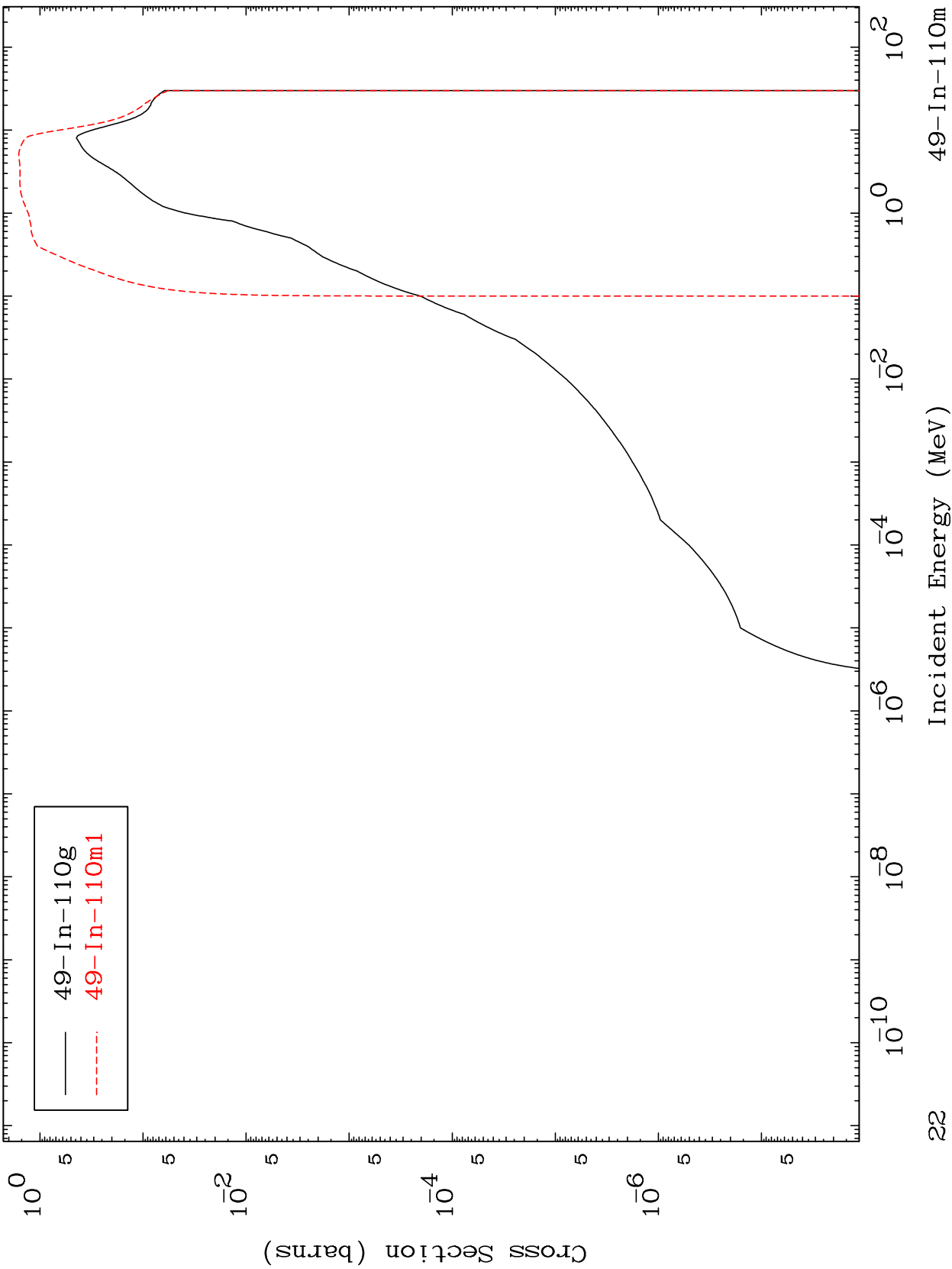
Incident Energy (MeV)

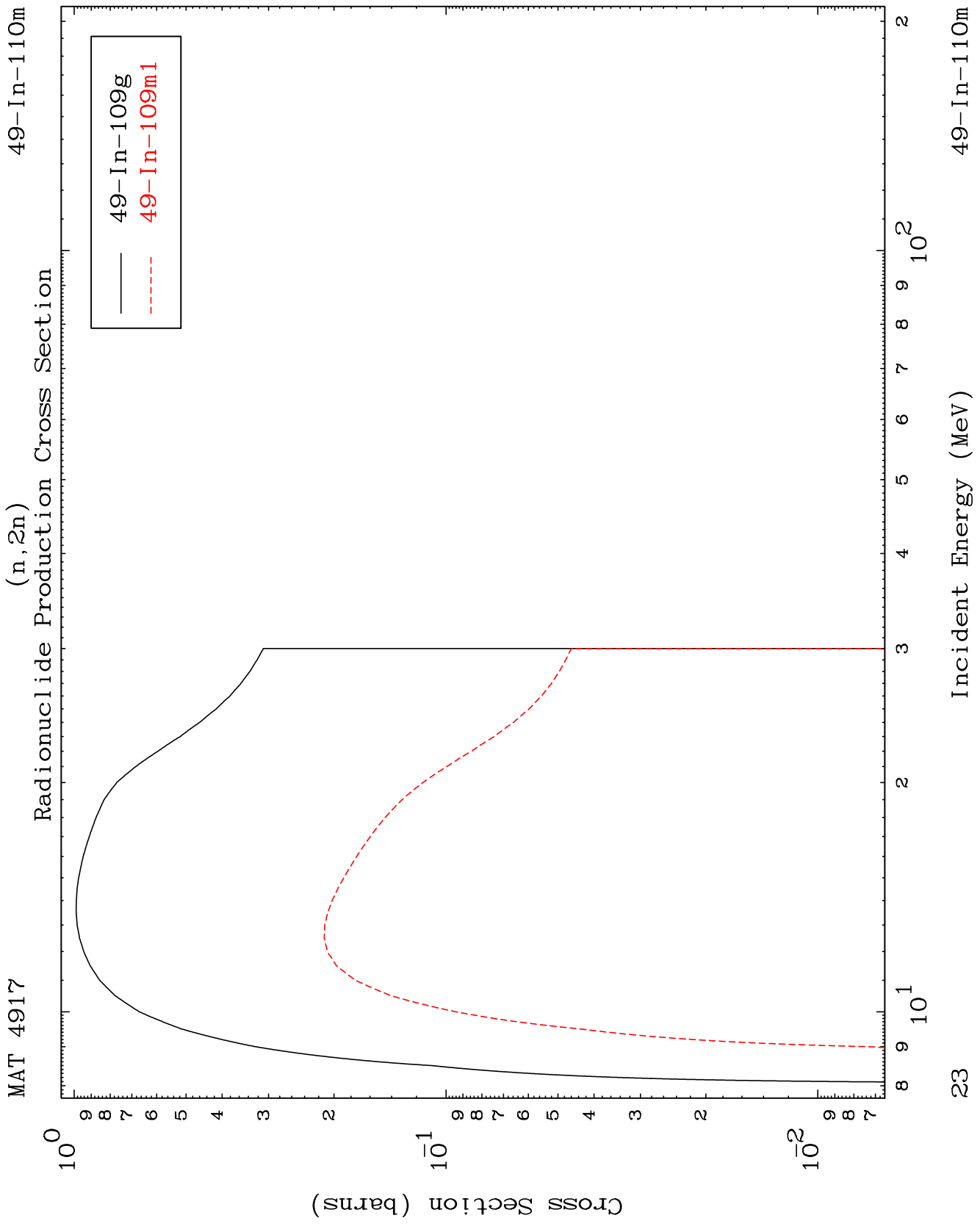
49-In-110m

MAT 4917

49-In-110m

Inelastic
Radionuclide Production Cross Section



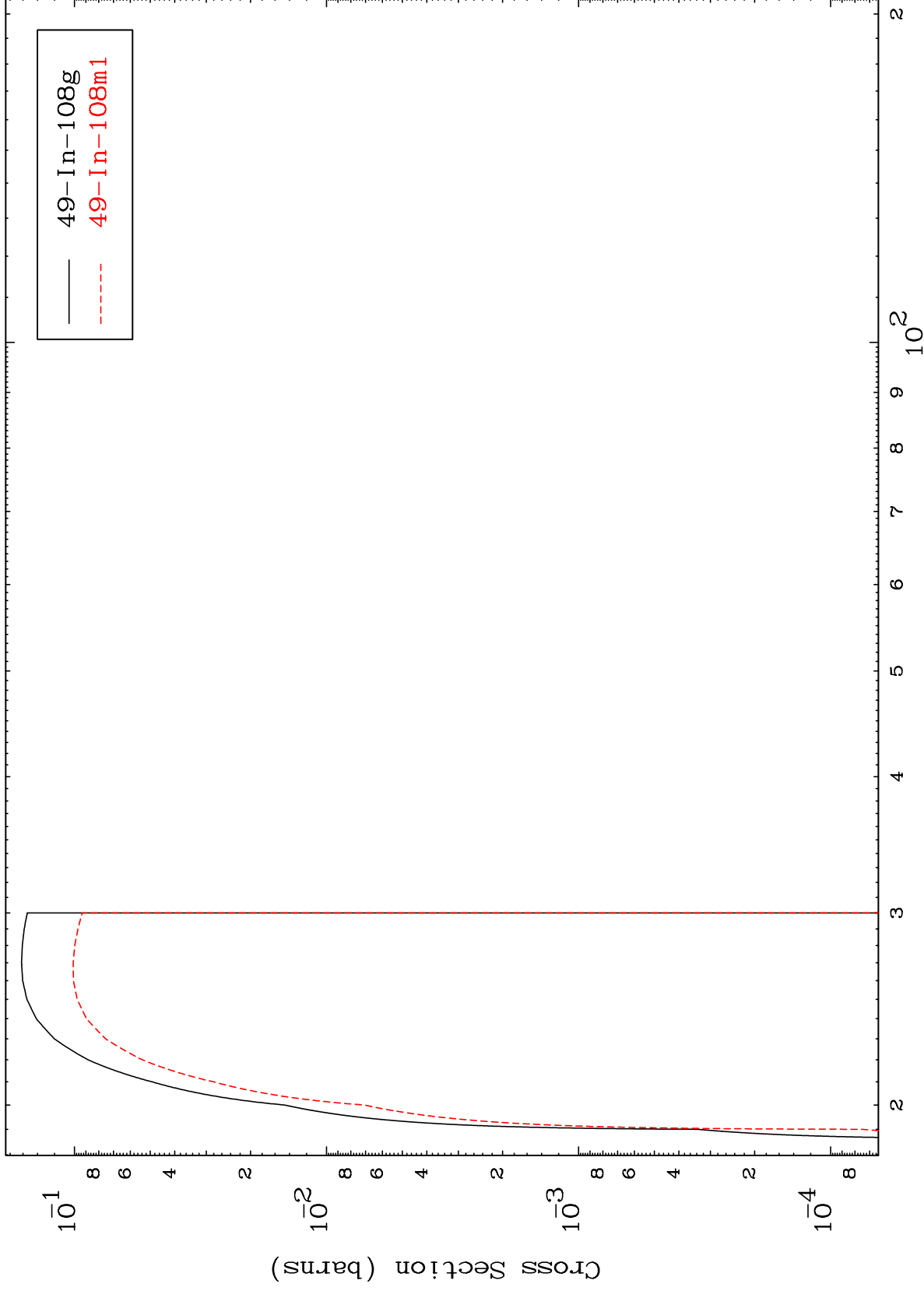


MAT 4917

(n,3n)

49-In-110m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

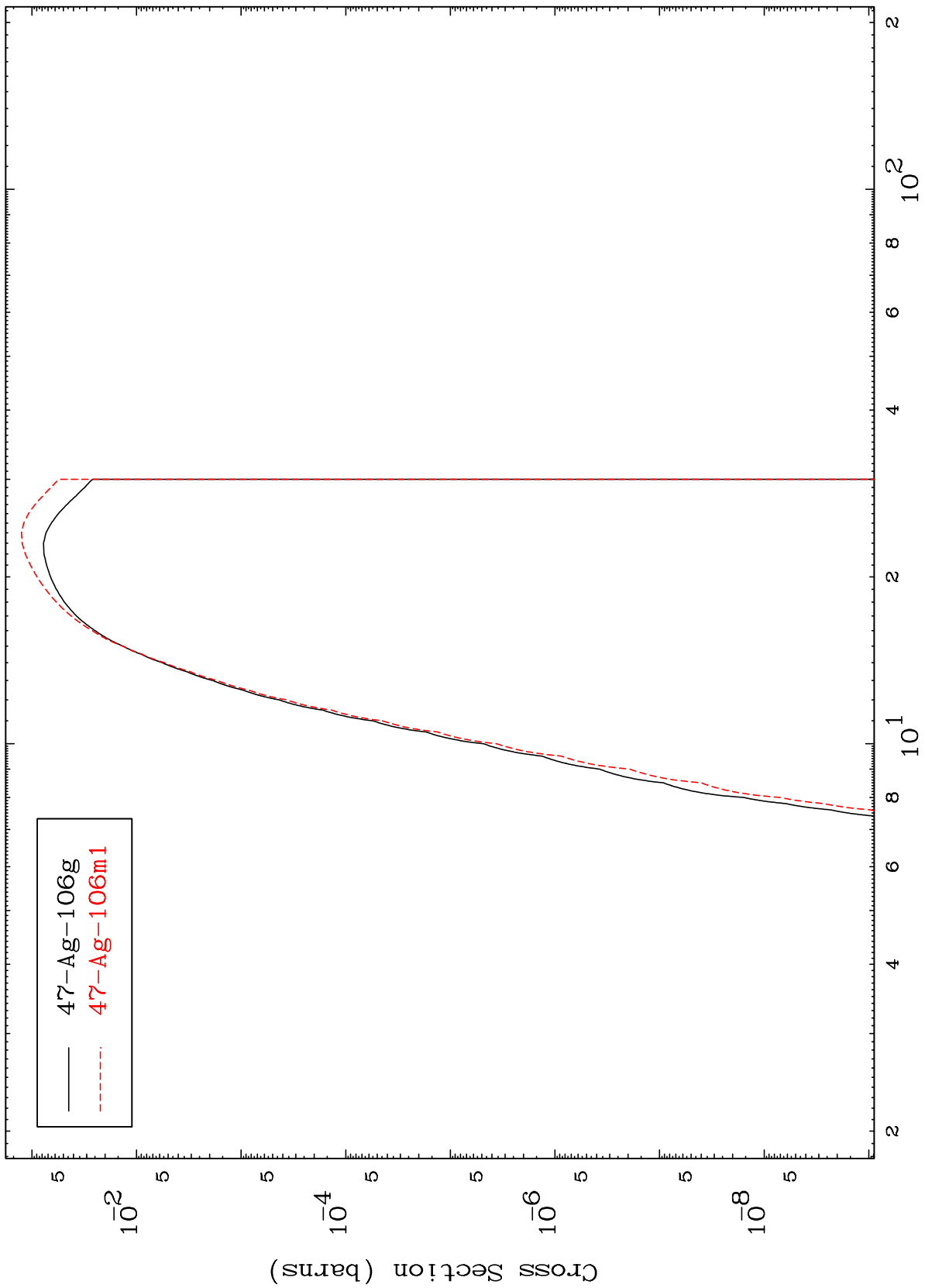
49-In-110m

MAT 4917

49-In-110m

(n,n') α

Radionuclide Production Cross Section



25

49-In-110m

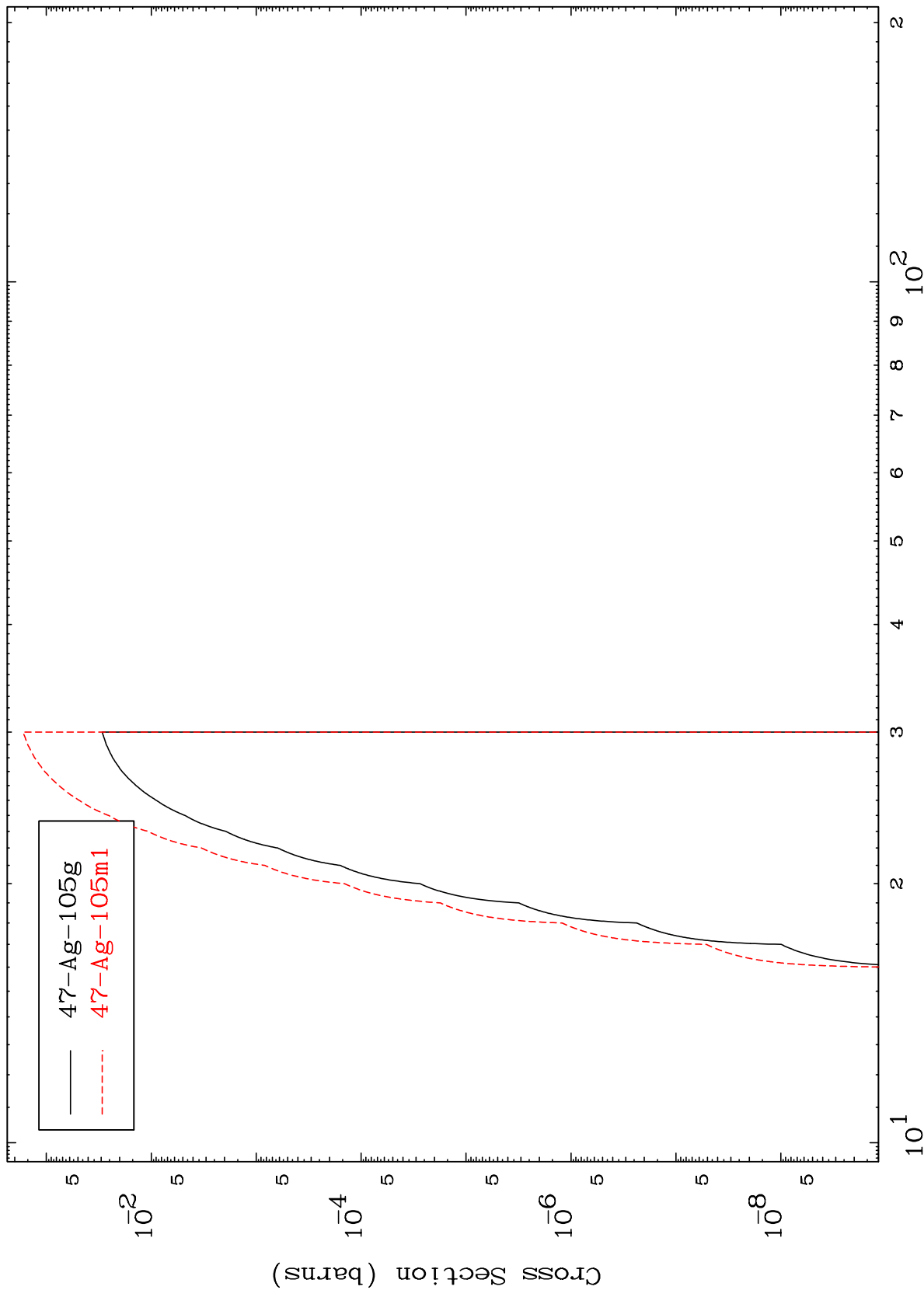
Incident Energy (MeV)

MAT 4917

(n,2n) α

49-In-110m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

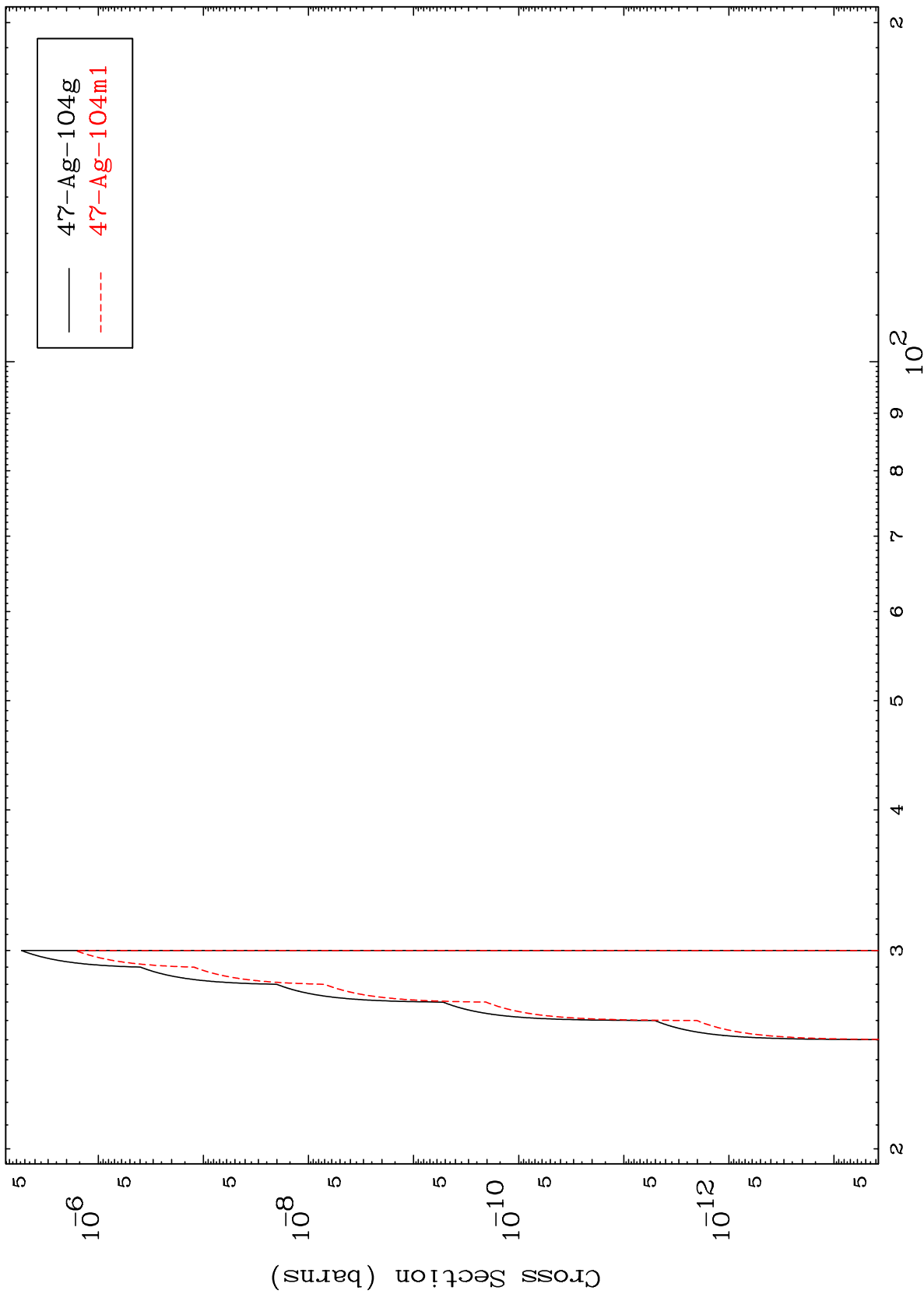
49-In-110m

MAT 4917

(n,3n) α

49-In-110m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

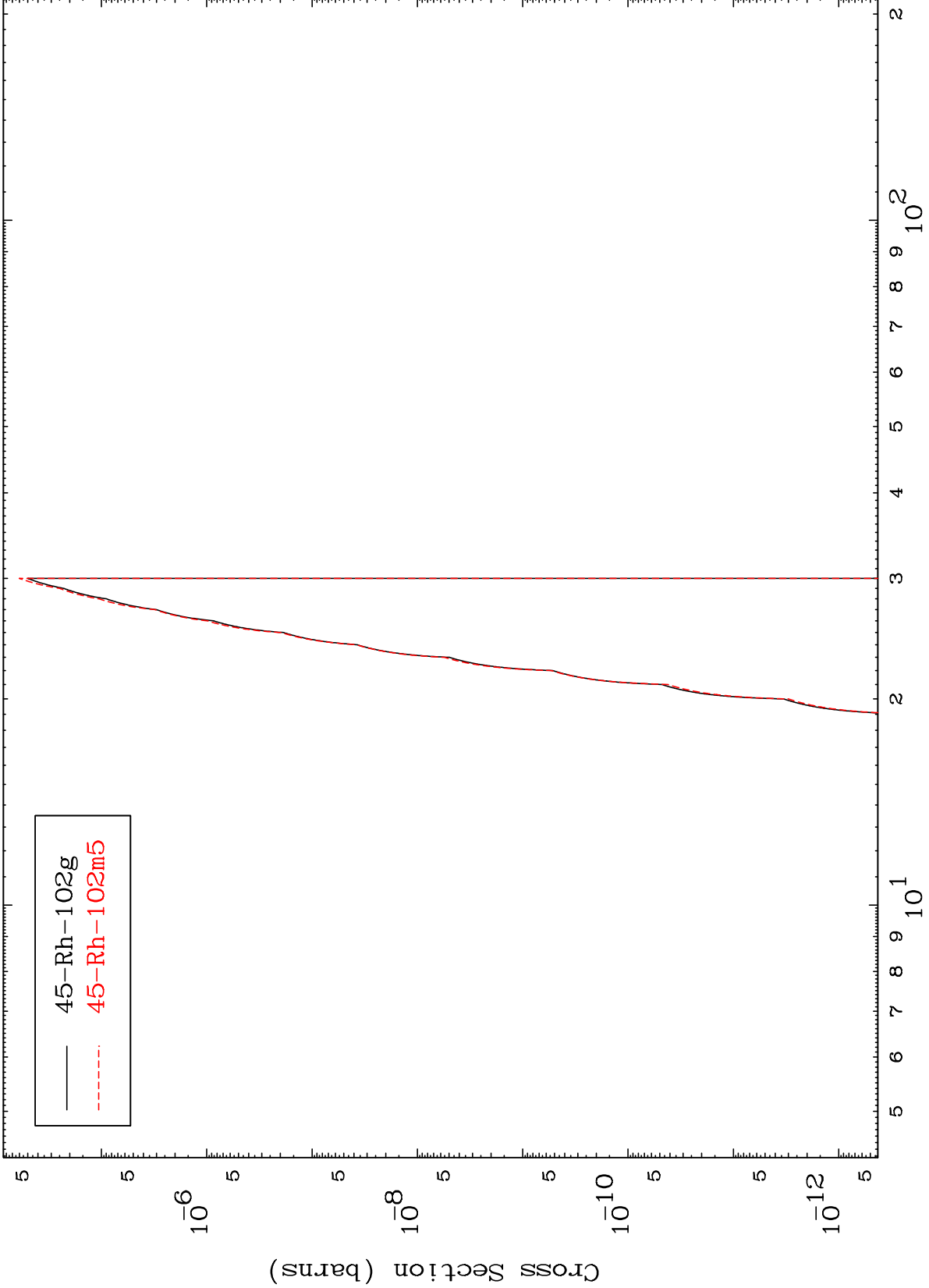
49-In-110m

MAT 4917

(n,n') 2 α

49-In-110m

Radionuclide Production Cross Section



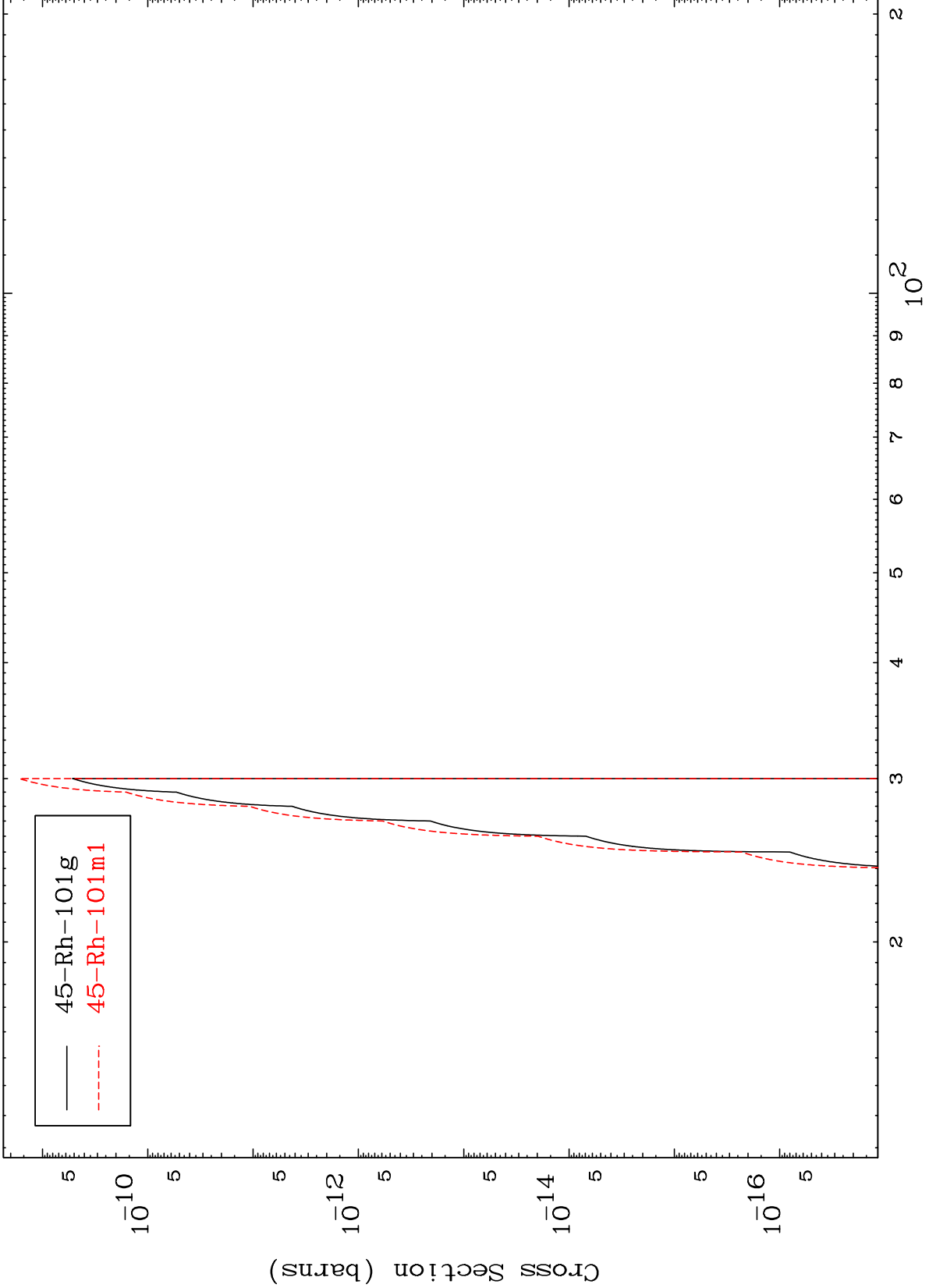
— 45-Rh-102g
- - - 45-Rh-102m5

MAT 4917

(n,2n) 2α

49-In-110m

Radionuclide Production Cross Section

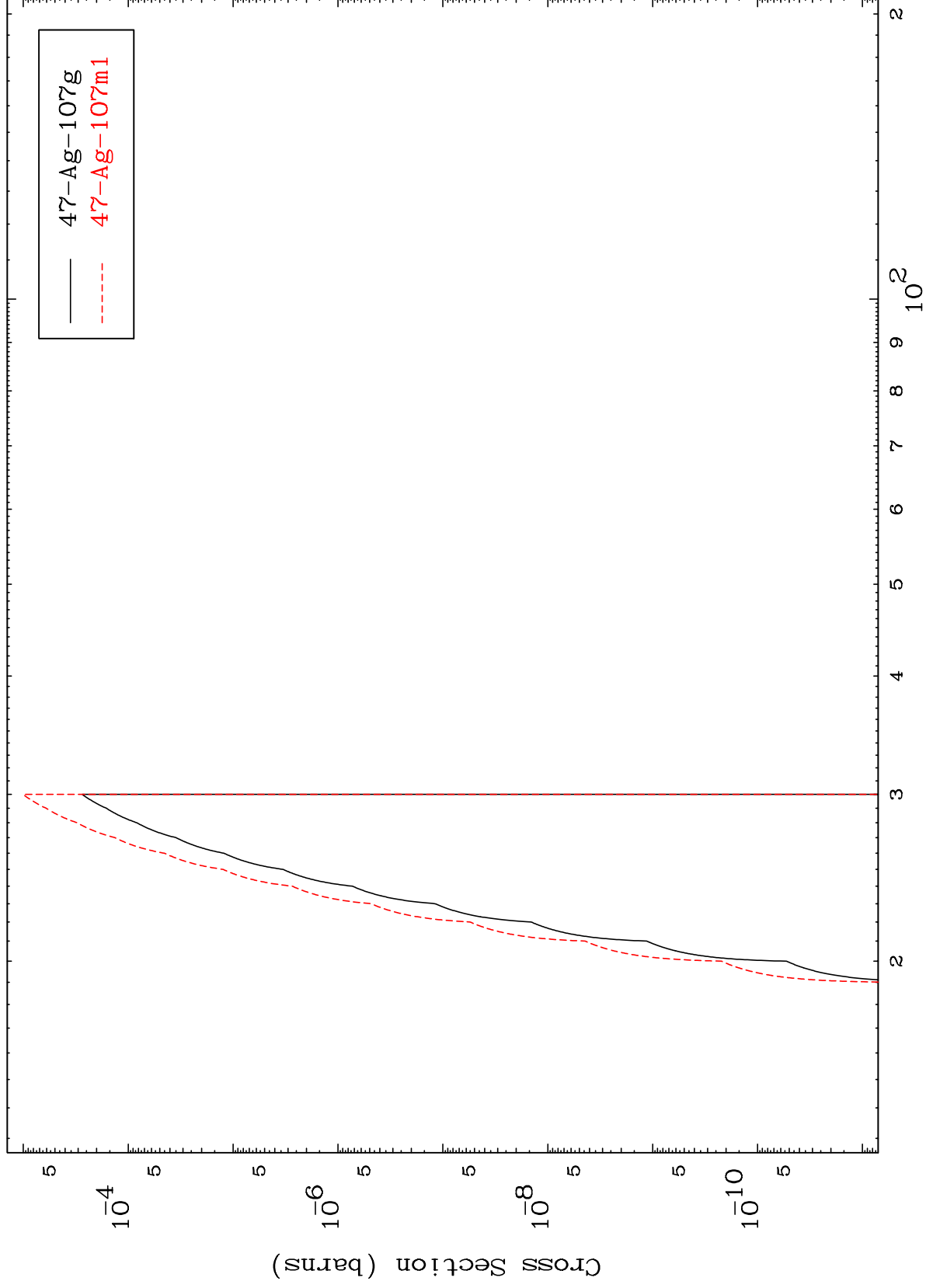


MAT 4917

(n,n') He-3

49-In-110m

Radionuclide Production Cross Section



30

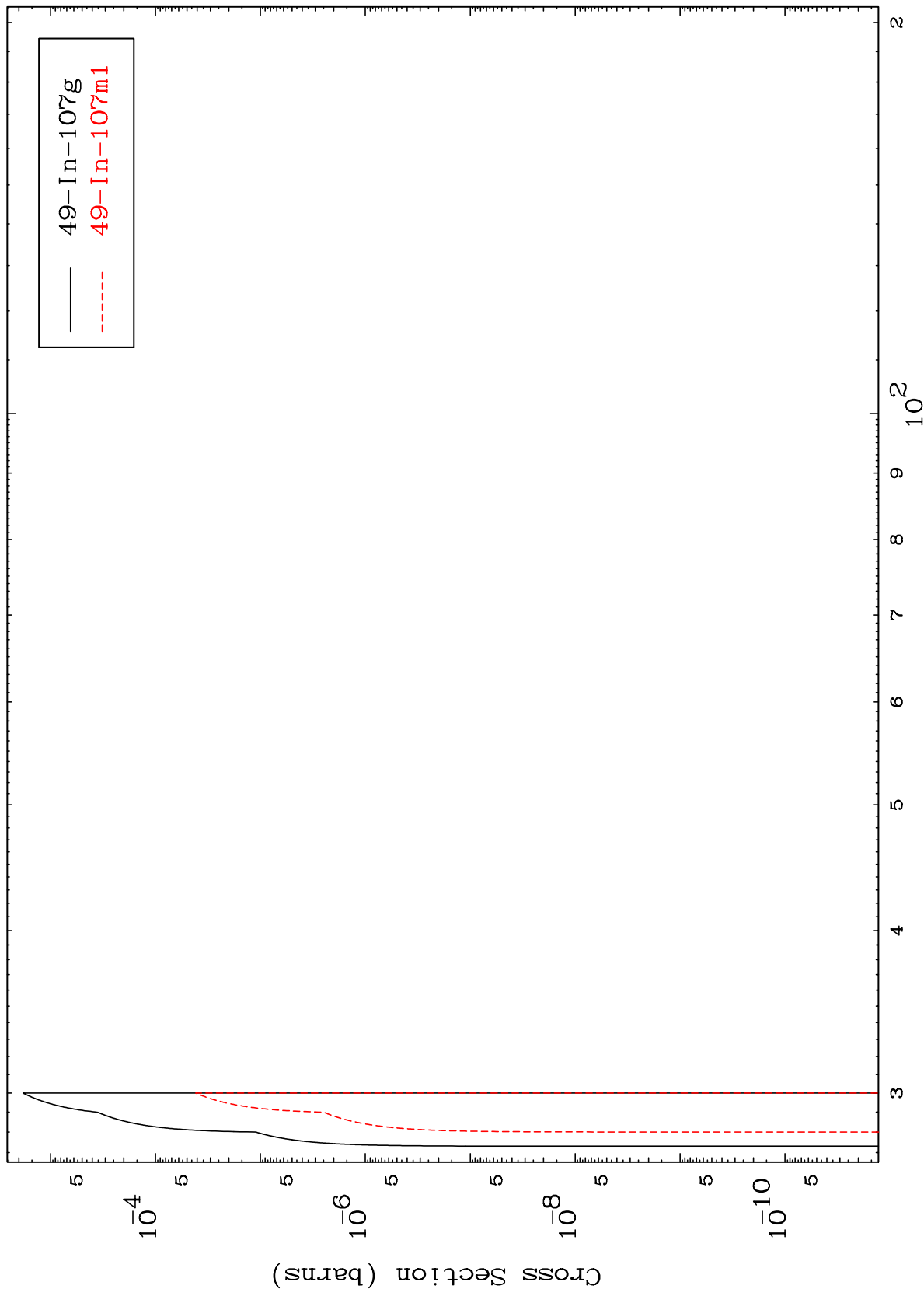
Incident Energy (MeV)

49-In-110m

MAT 4917

49-In-110m

(n,4n)
Radionuclide Production Cross Section



31

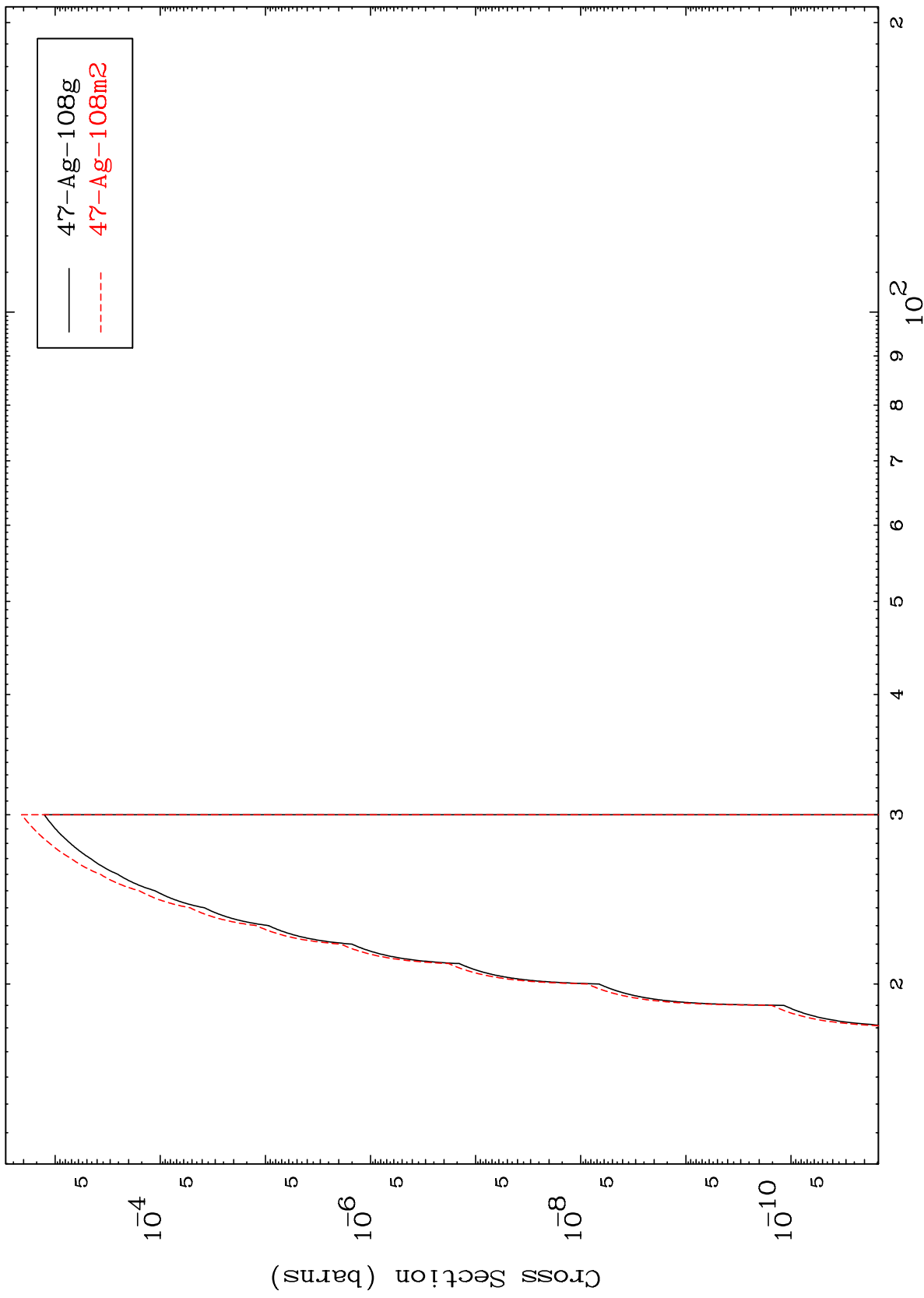
49-In-110m

Incident Energy (MeV)

MAT 4917

49-In-110m

(n,2n) p
Radionuclide Production Cross Section



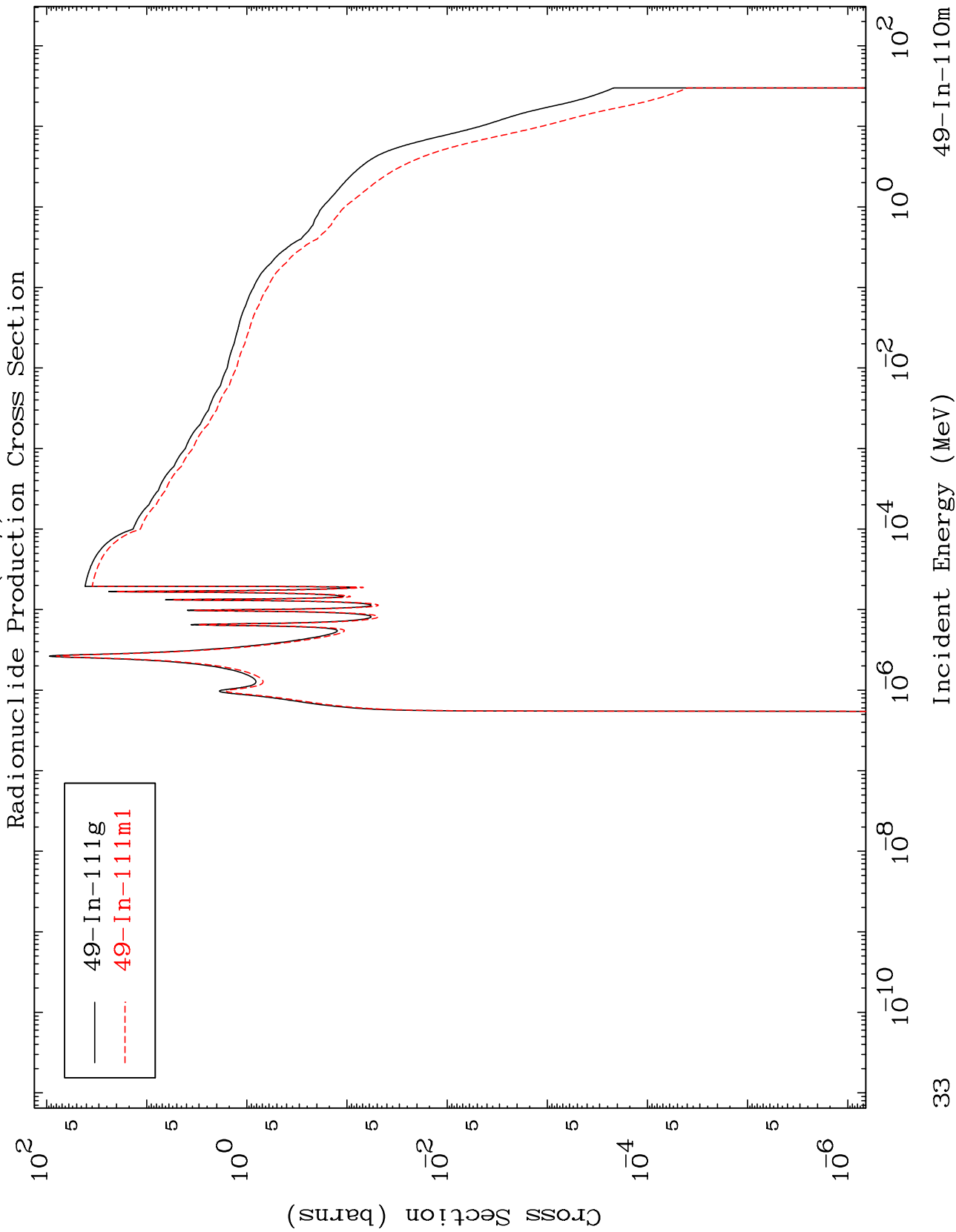
32

49-In-110m

Incident Energy (MeV)

MAT 4917

49-In-110m

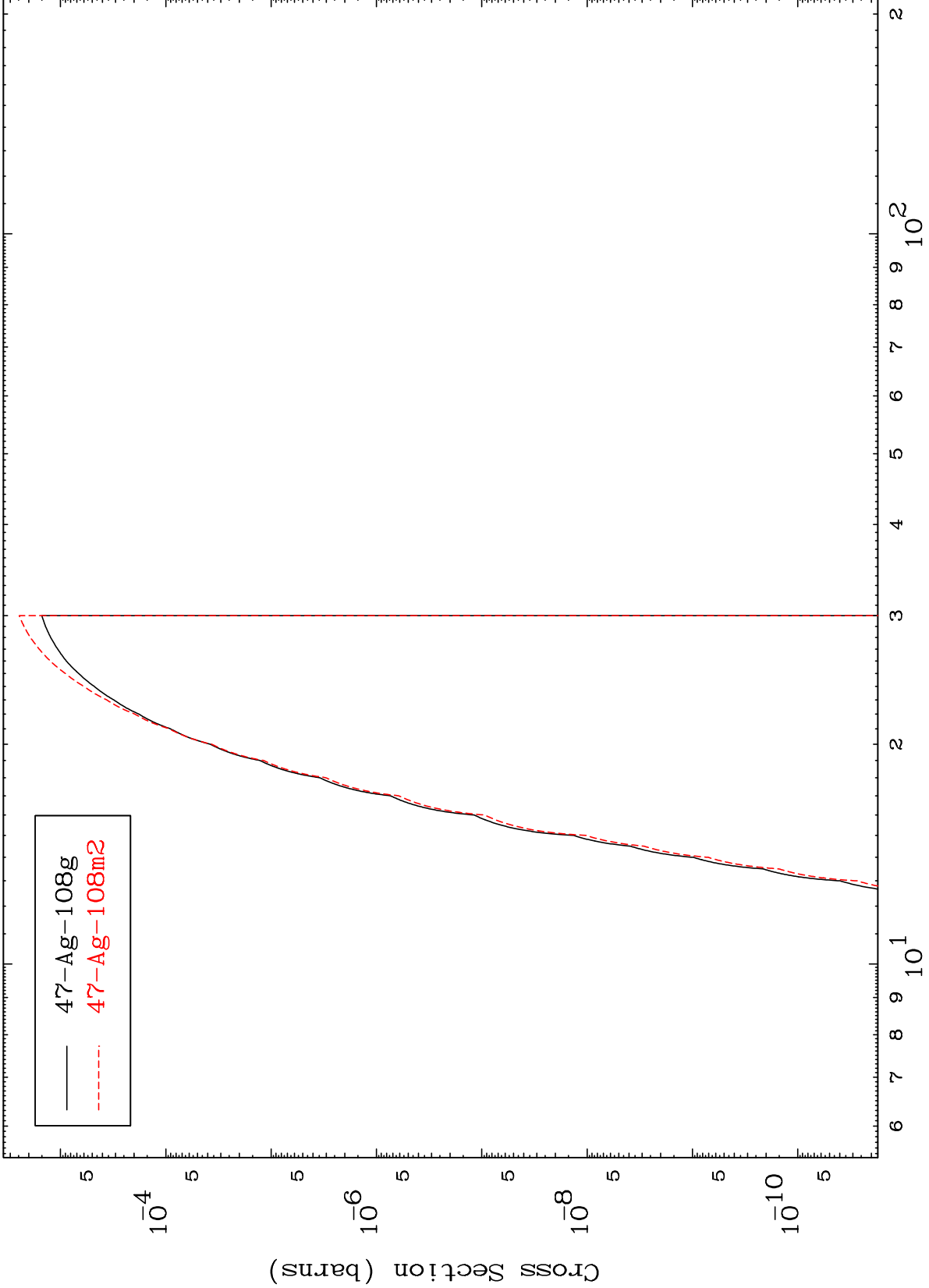


MAT 4917

(n,He-3)

49-In-110m

Radionuclide Production Cross Section



34

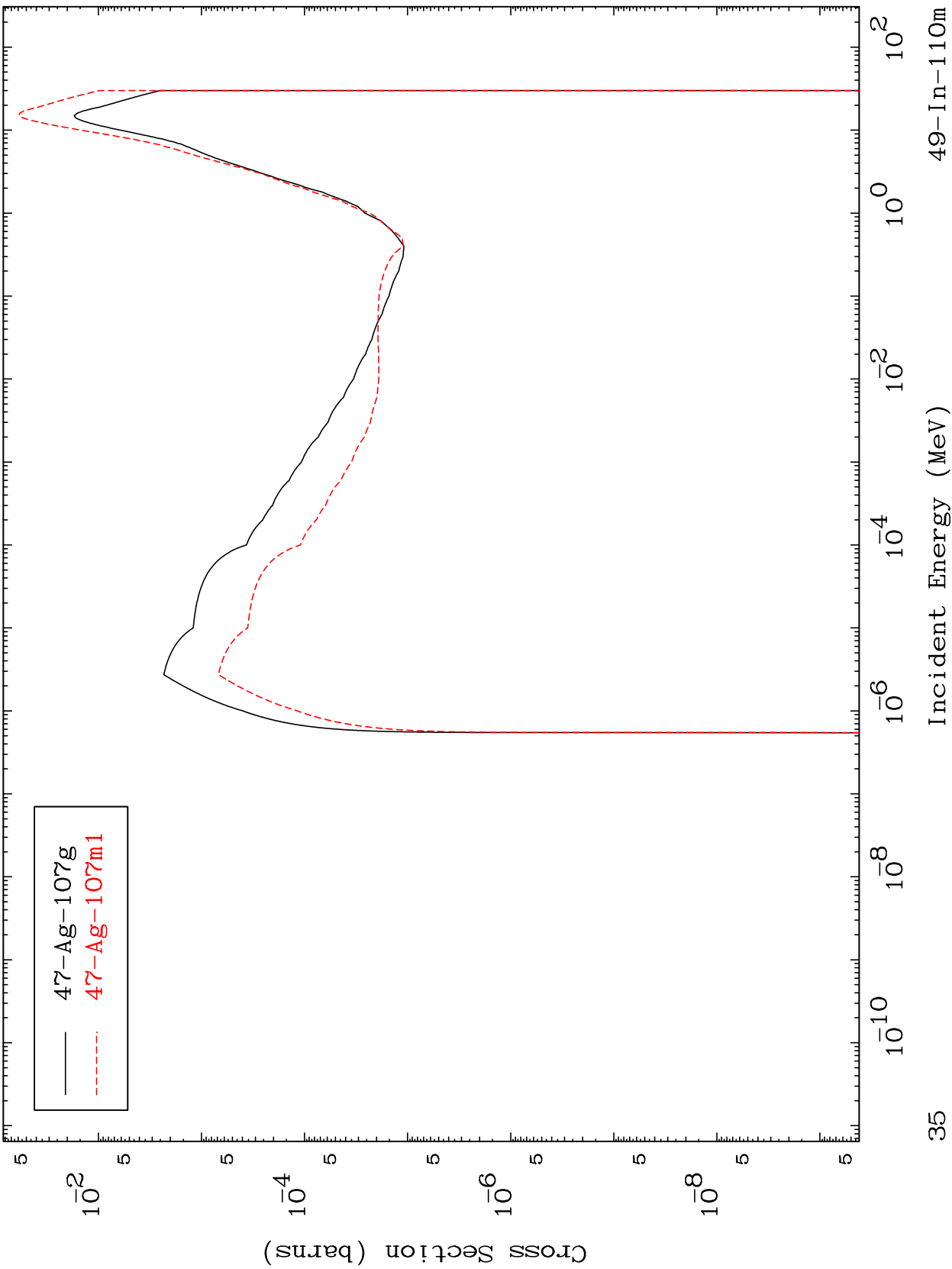
Incident Energy (MeV)

49-In-110m

MAT 4917

49-In-110m

Radionuclide Production Cross Section

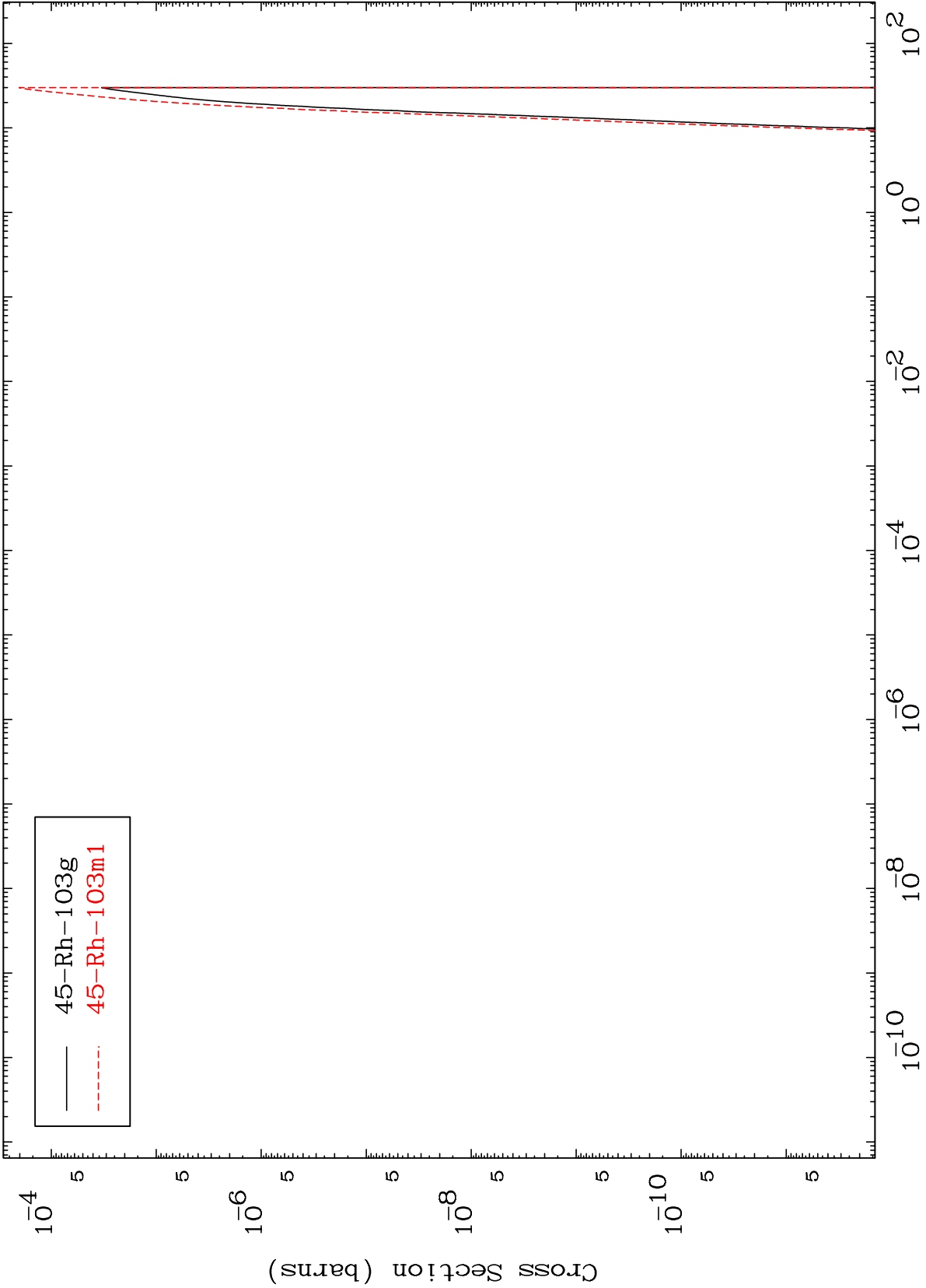


MAT 4917

(n,2α)

49-In-110m

Radionuclide Production Cross Section



45-Rh-103g
45-Rh-103m1

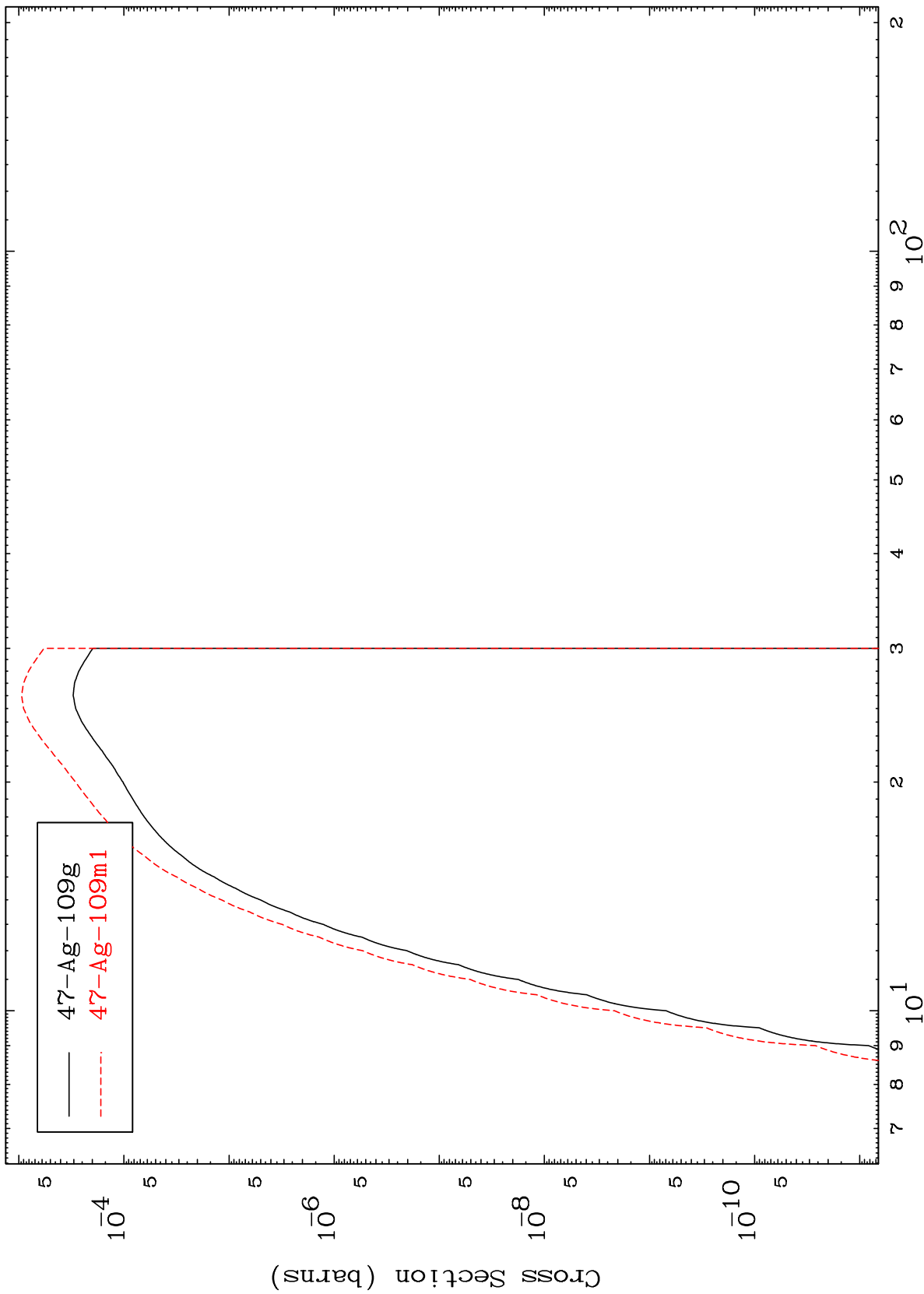
Incident Energy (MeV)

49-In-110m

MAT 4917

49-In-110m

Radionuclide Production Cross Section (n,2p)



37

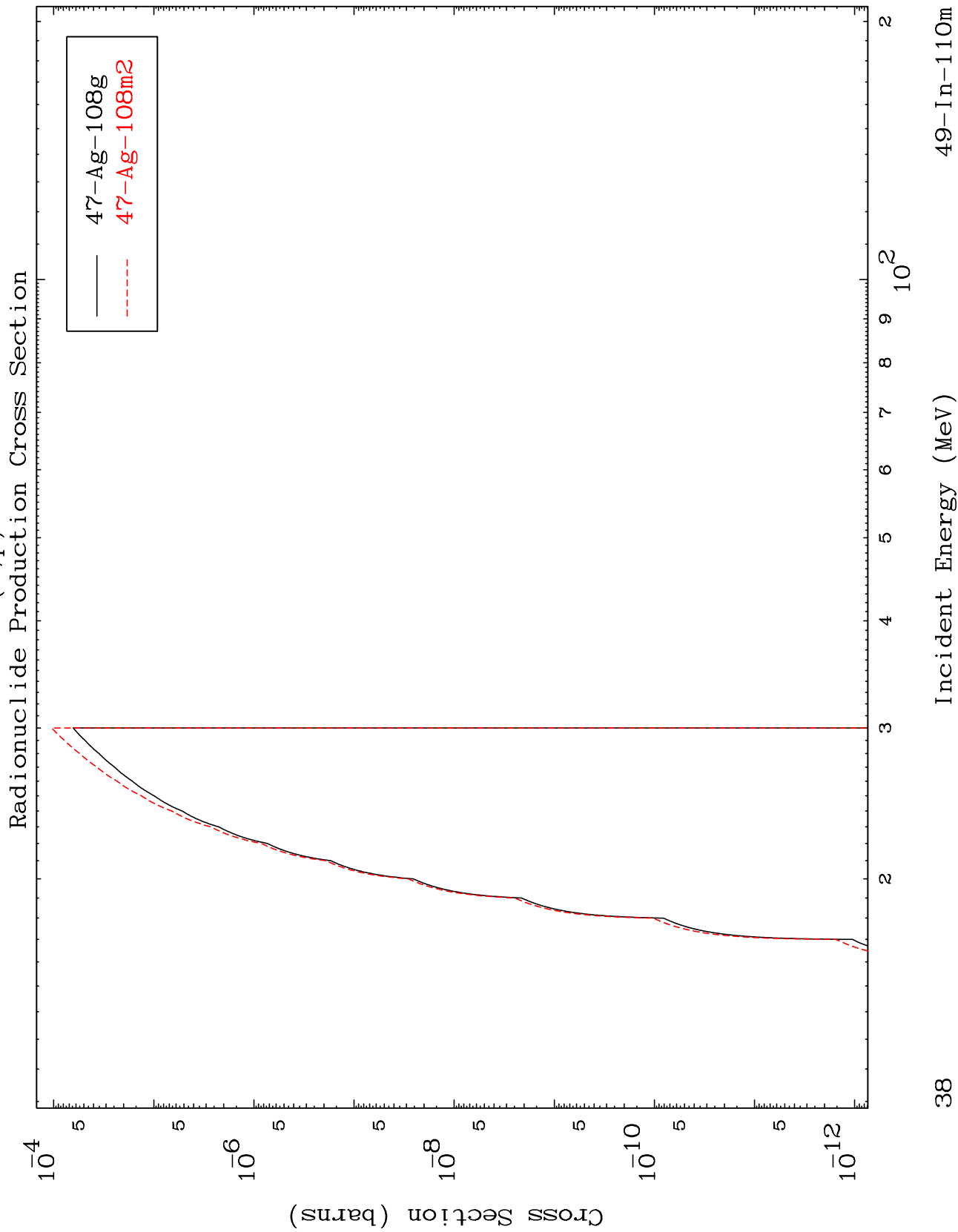
49-In-110m

Incident Energy (MeV)

MAT 4917

(n,p) d

49-In-110m



38

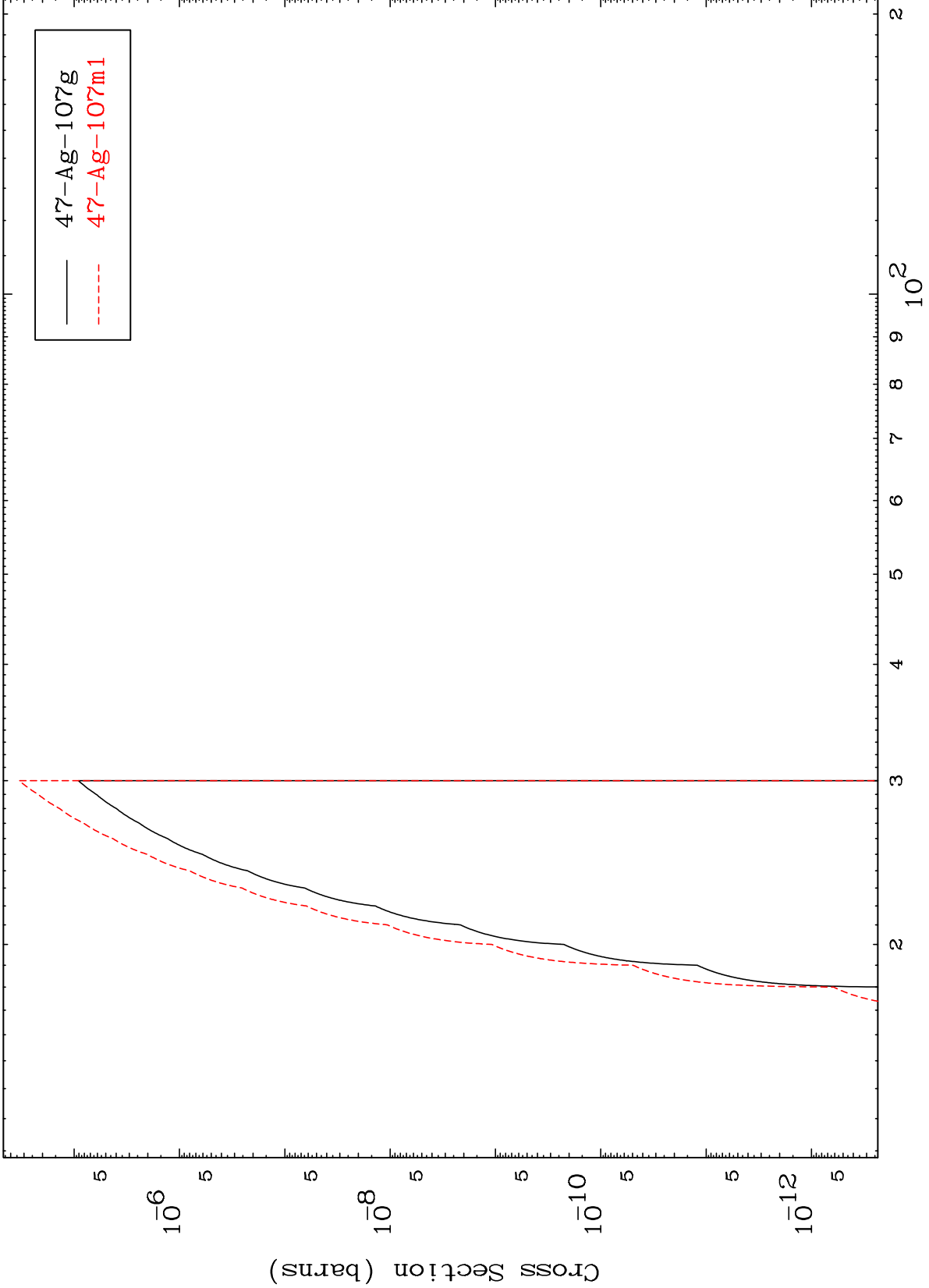
49-In-110m

MAT 4917

(n,p) t

49-In-110m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

49-In-110m