

Program EVALPLOT
(Version 2021-1)

by

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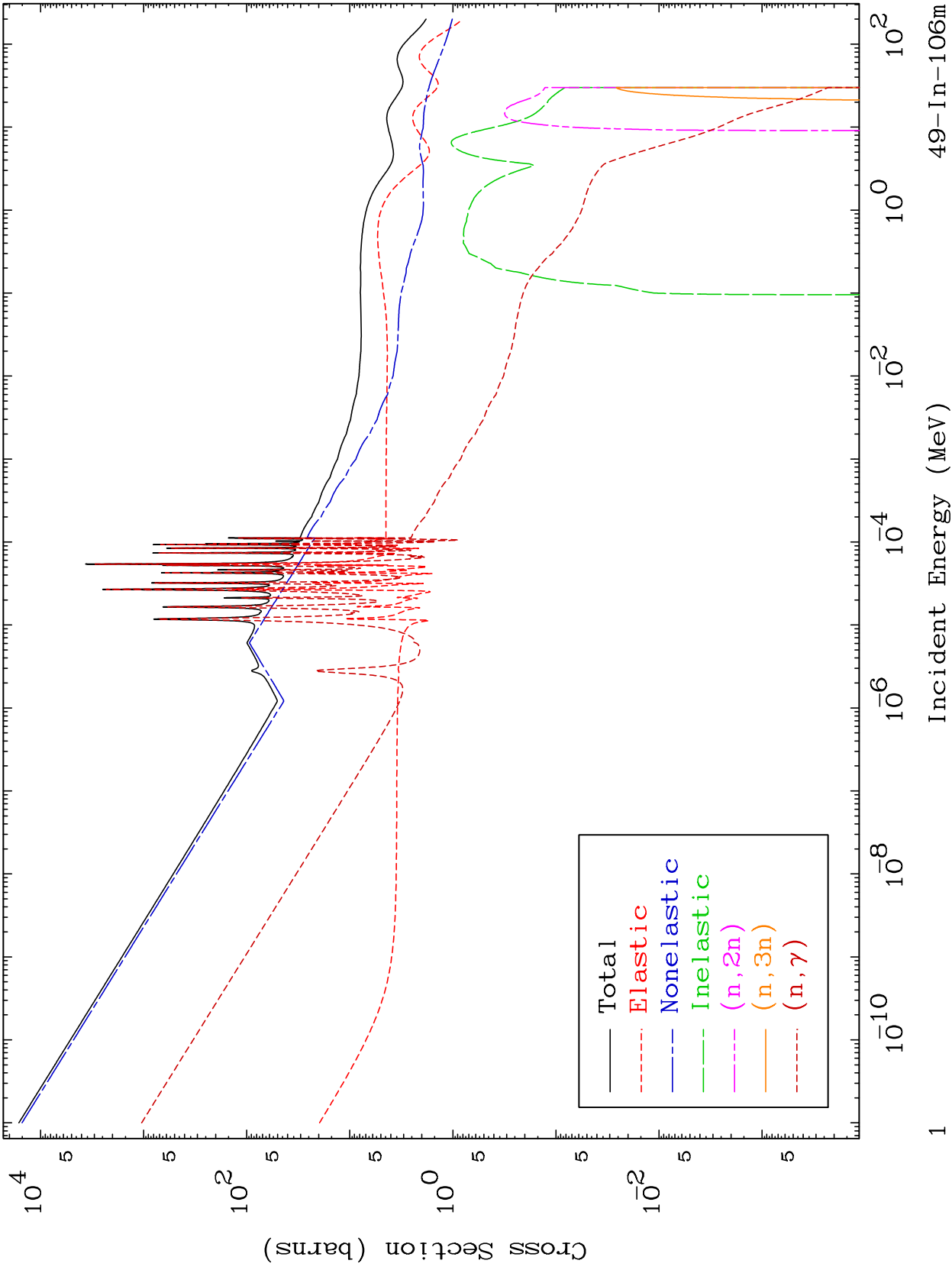
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4905

Neutron Major
293 Kelvin Cross Sections

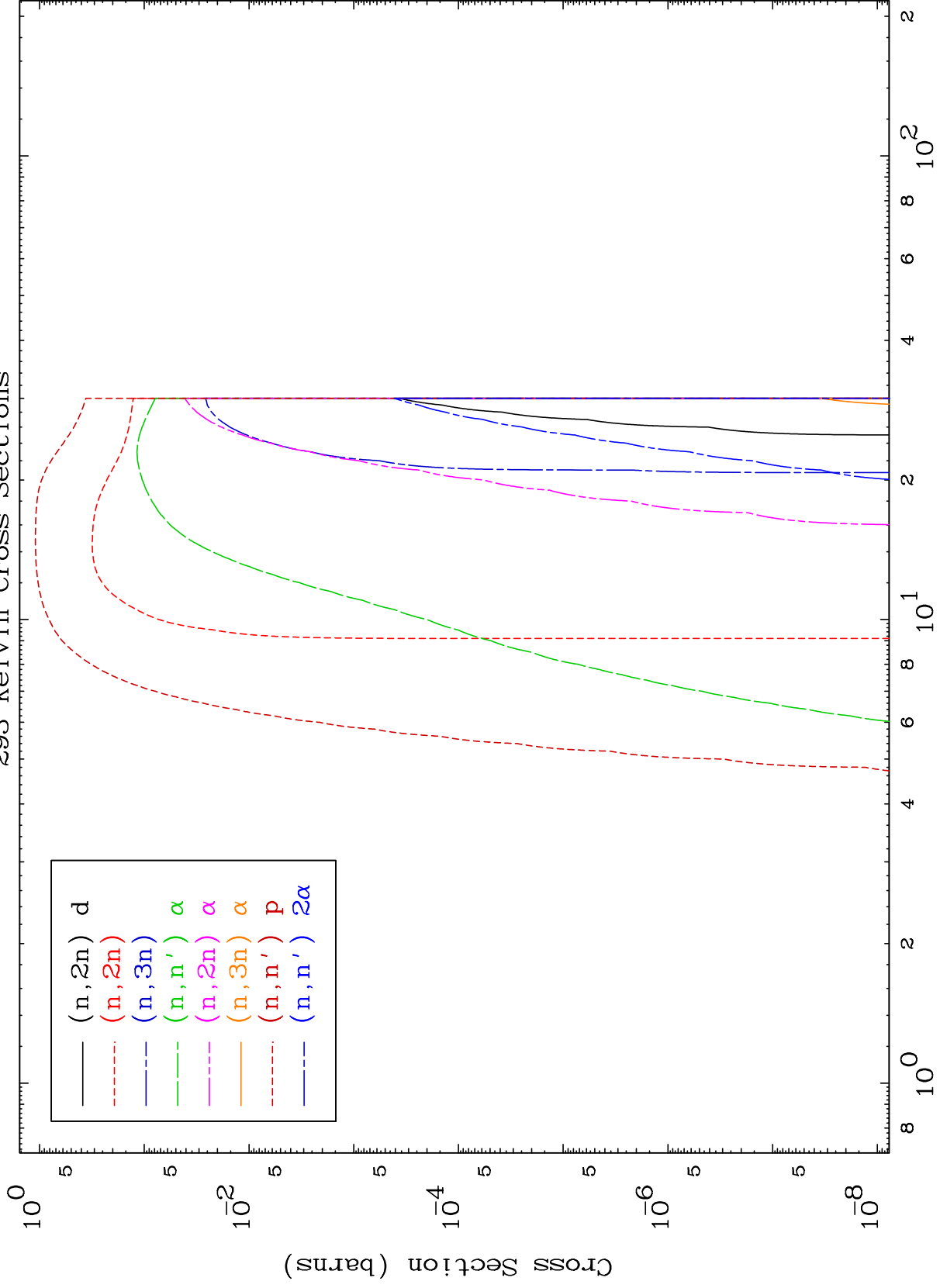
49-In-106m



MAT 4905

Neutron Absorption
293 Kelvin Cross Sections

49-In-106m



Incident Energy (MeV)

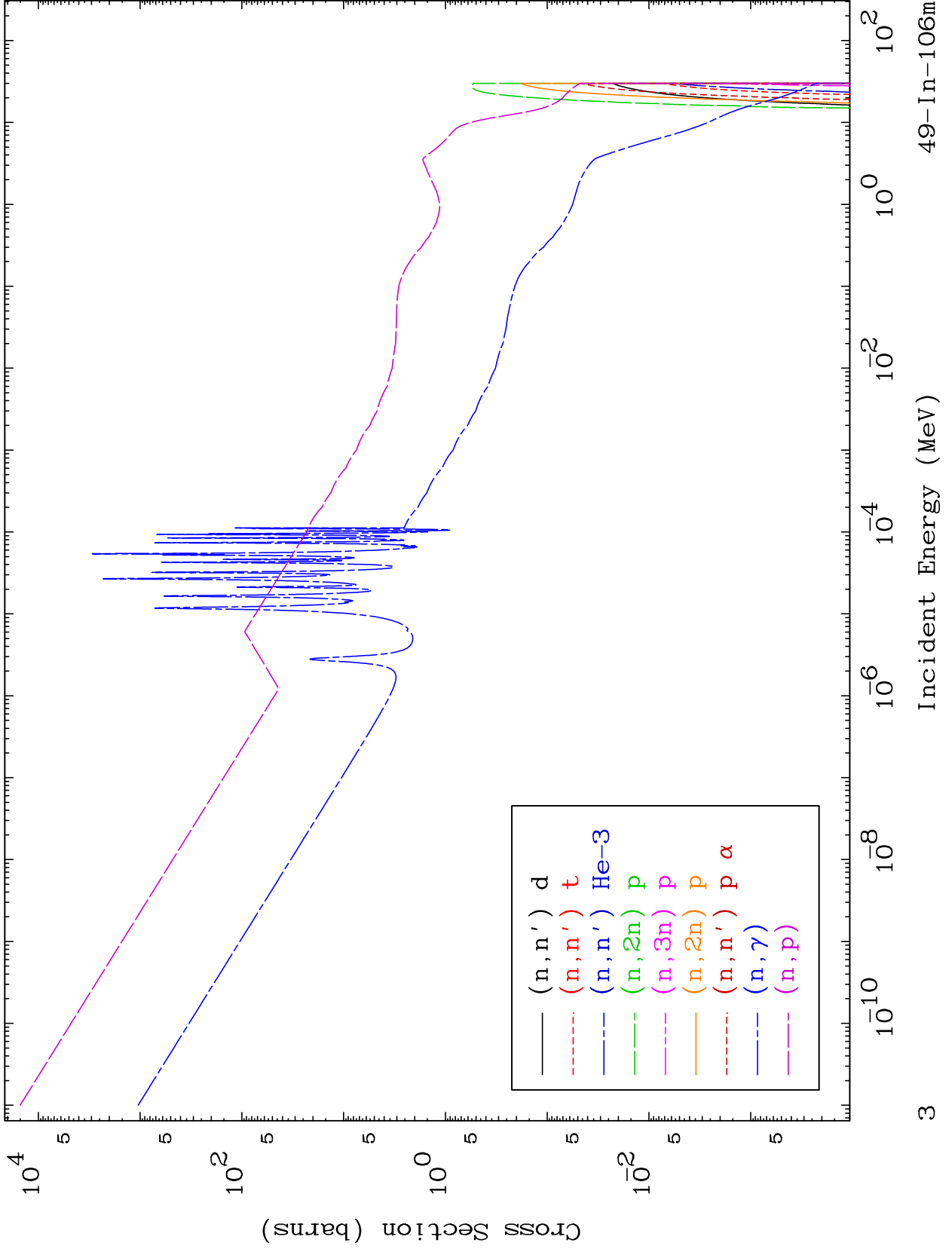
49-In-106m

2

MAT 4905

Neutron Absorption
293 Kelvin Cross Sections

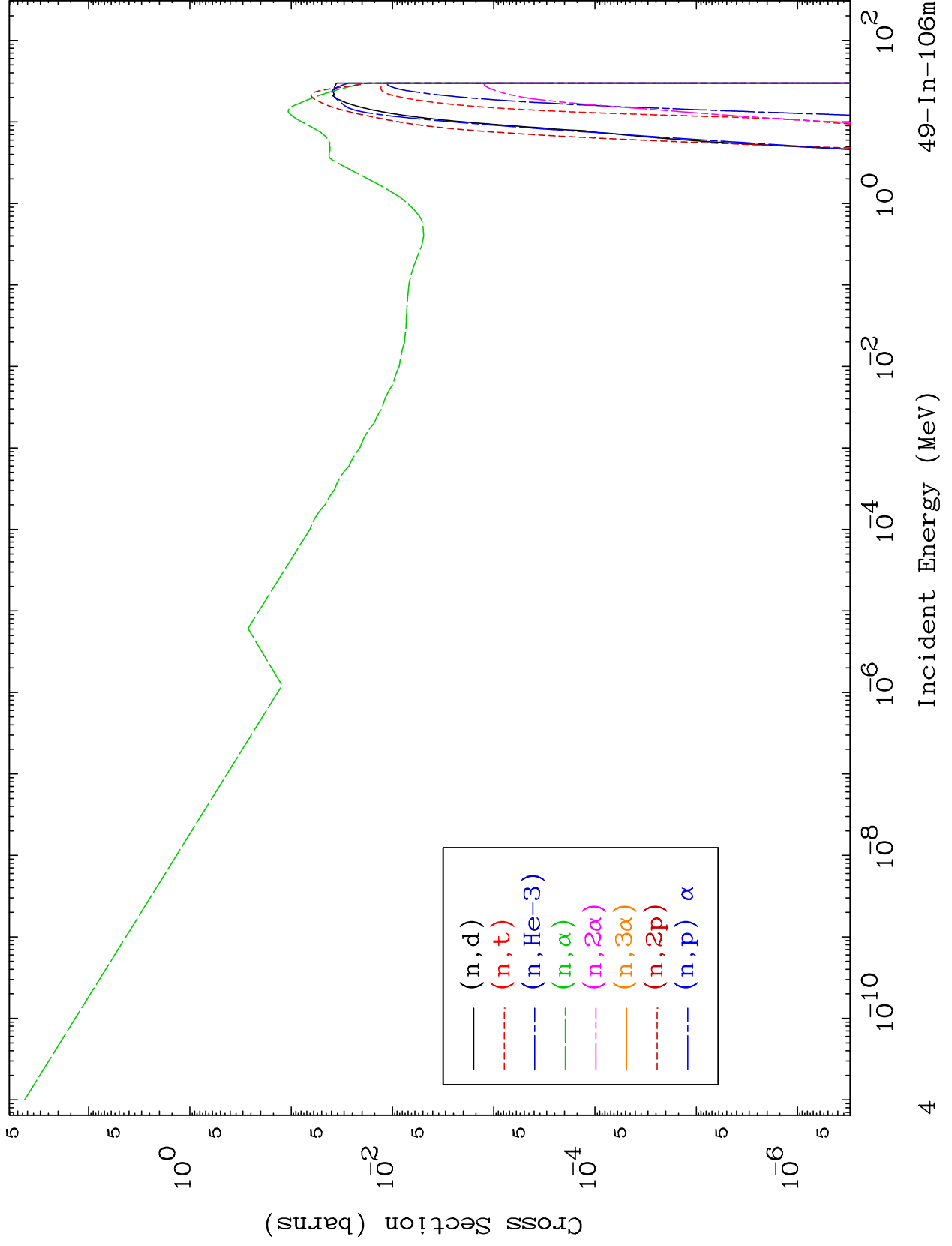
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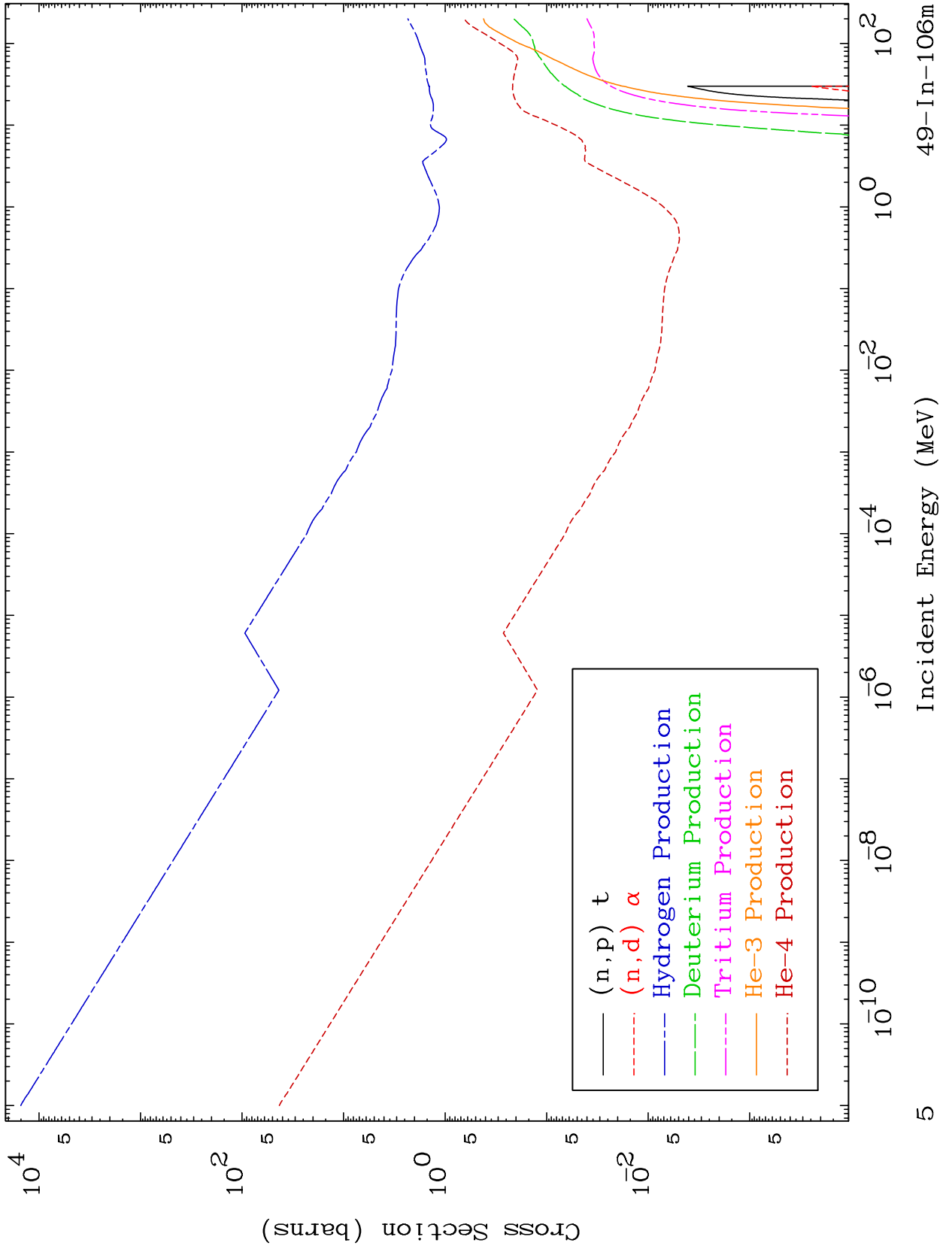


MAT 4905

Neutron Absorption
293 Kelvin Cross Sections

49-In-106m

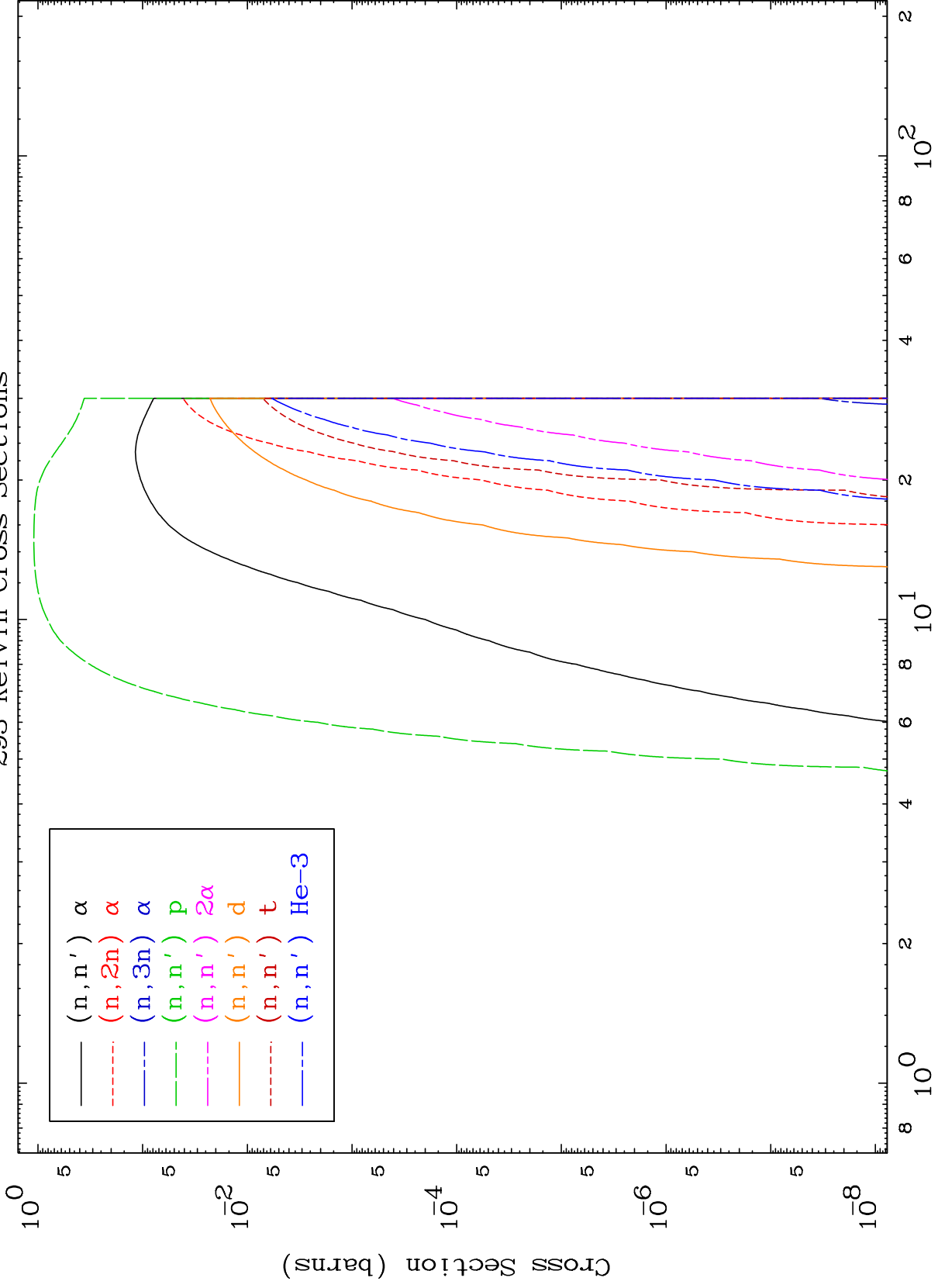




MAT 4905

Charged Particle
293 Kelvin Cross Sections

49-In-106m



49-In-106m

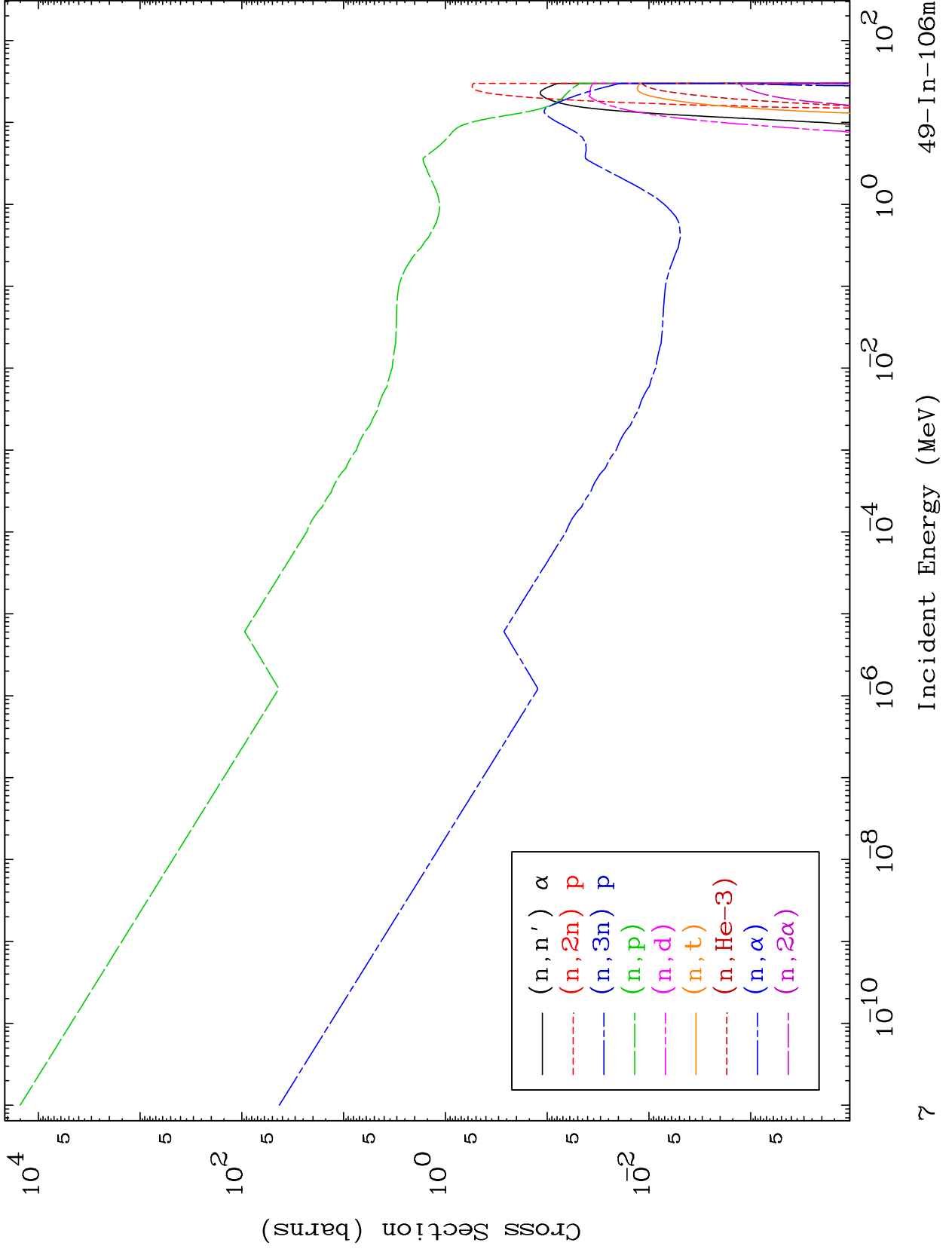
Incident Energy (MeV)

6

MAT 4905

Charged Particle
293 Kelvin Cross Sections

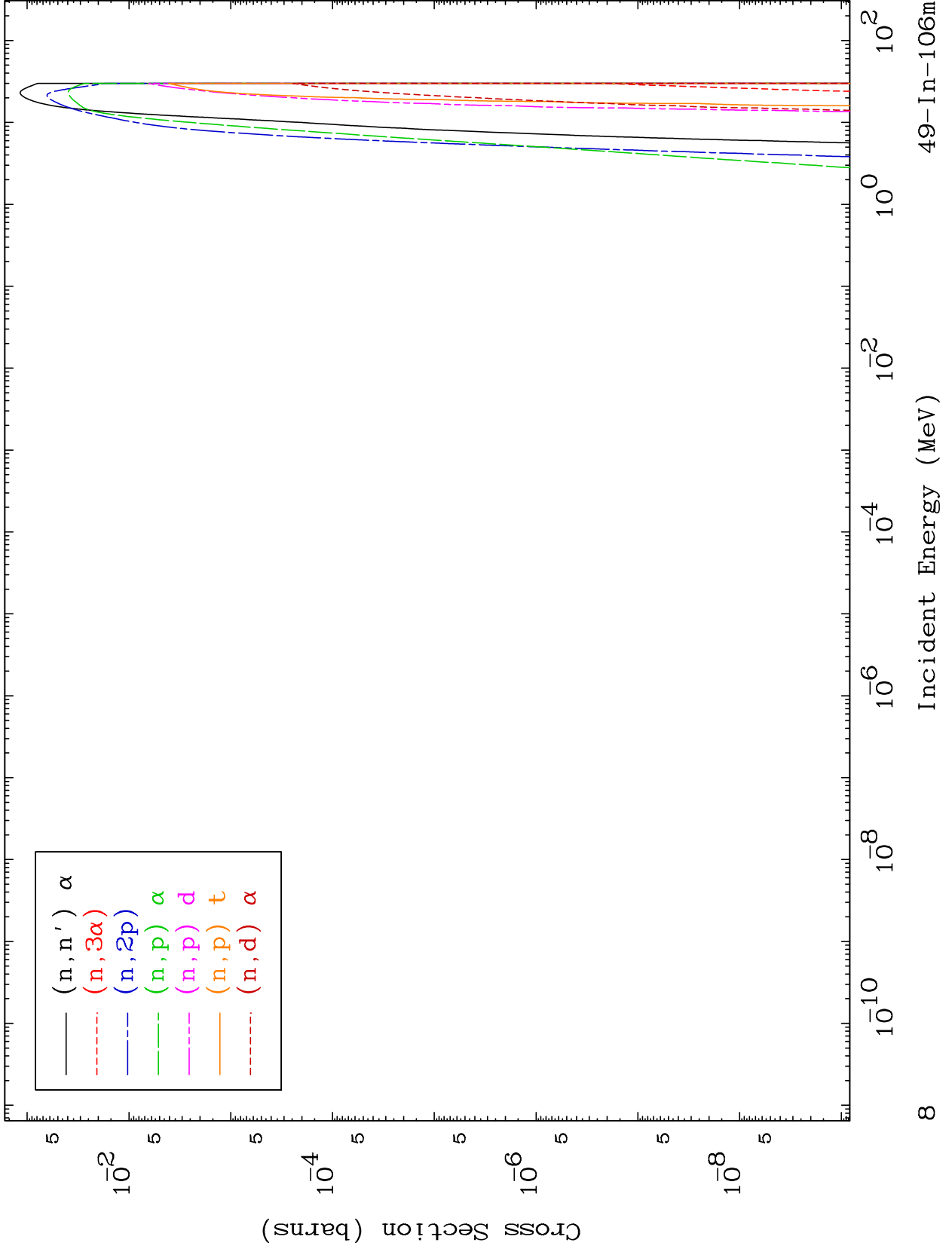
49-In-106m



MAT 4905

Charged Particle
293 Kelvin Cross Sections

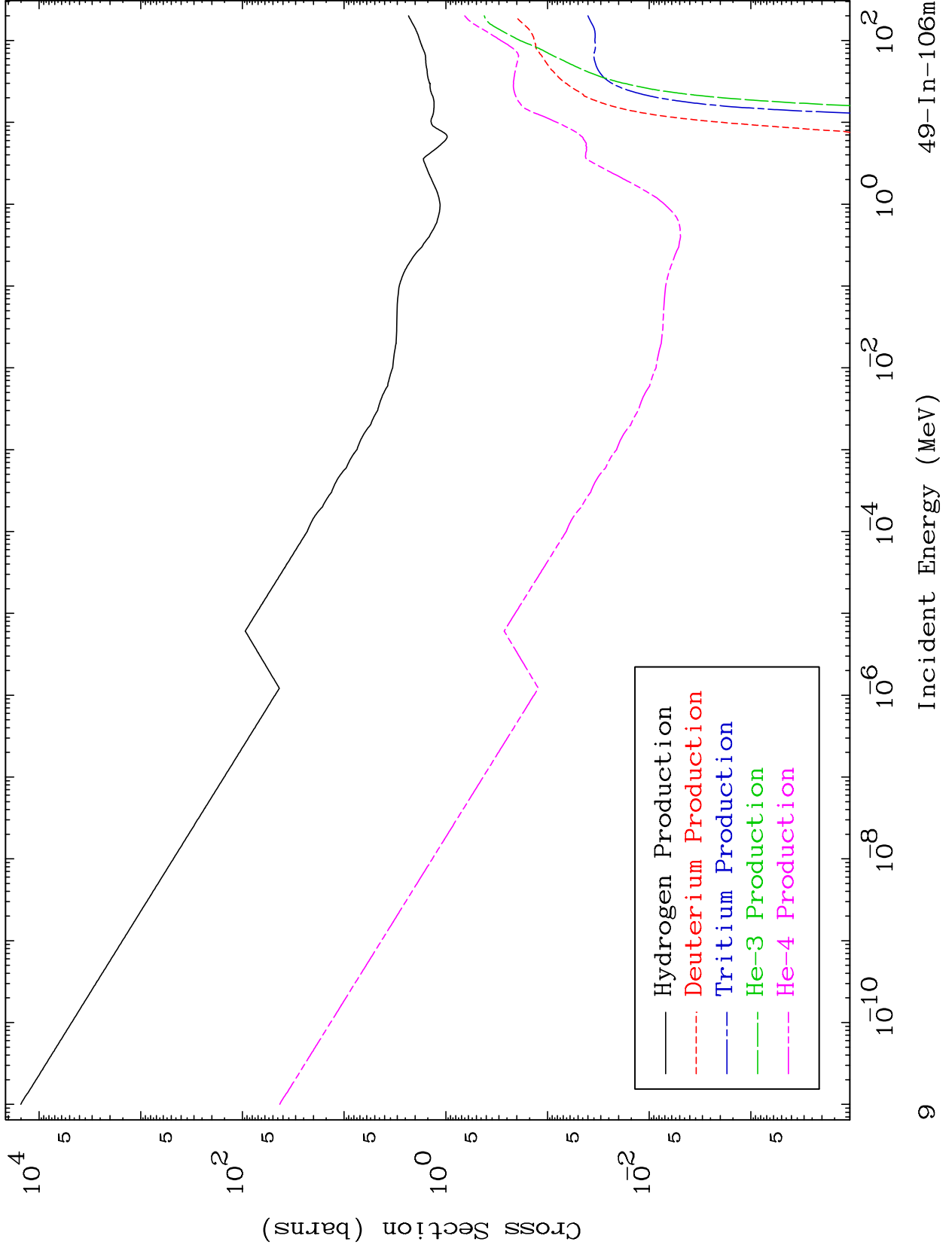
49-In-106m

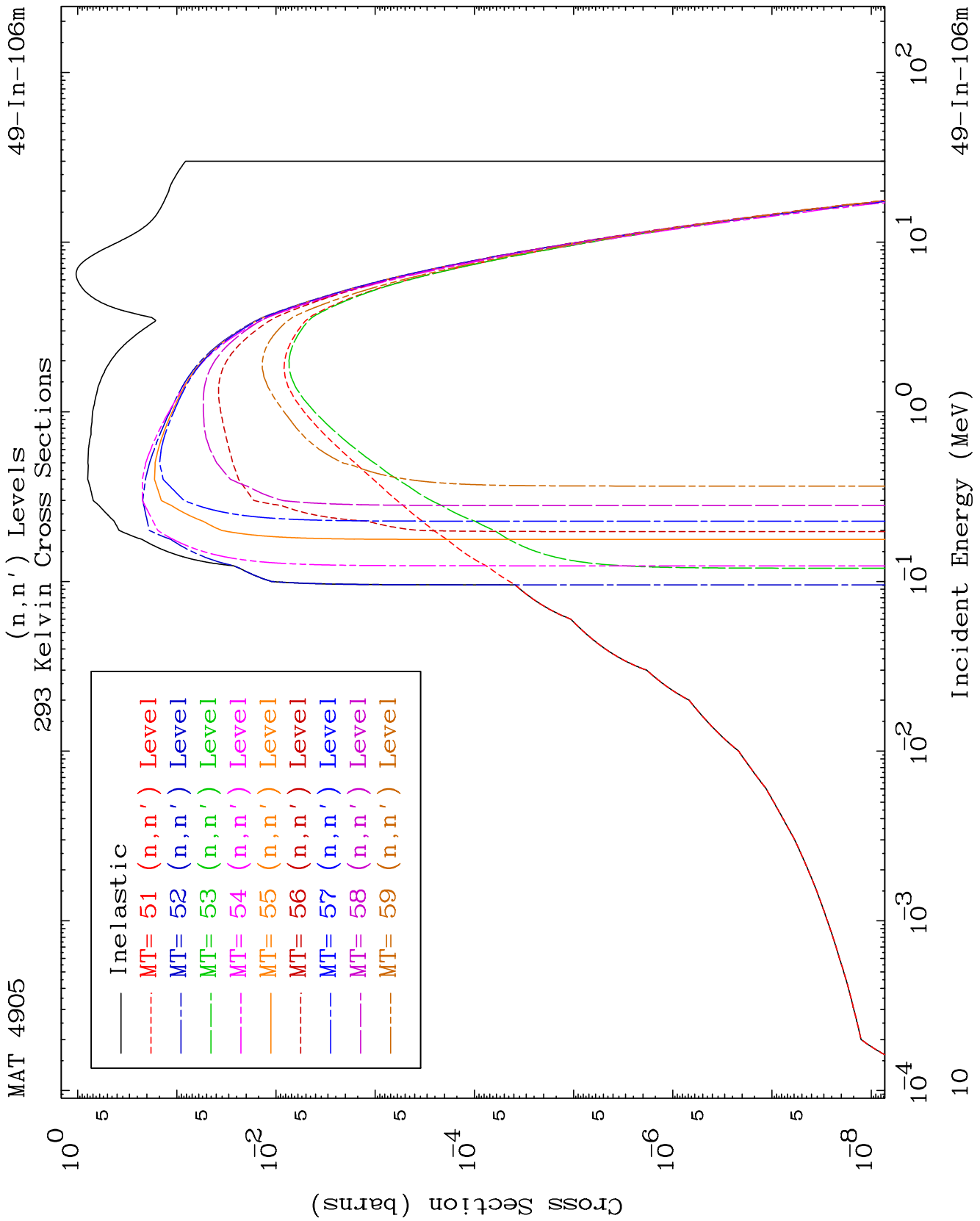


MAT 4905

Particle Production
293 Kelvin Cross Sections

49-In-106m

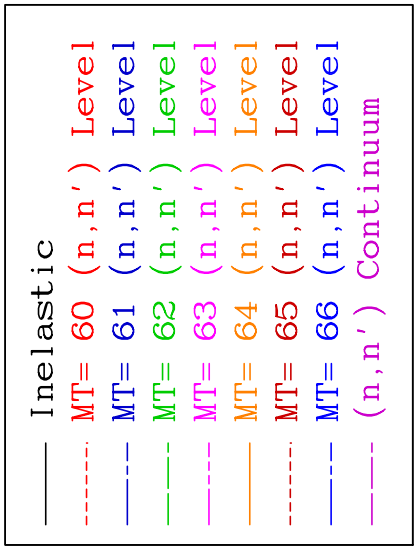
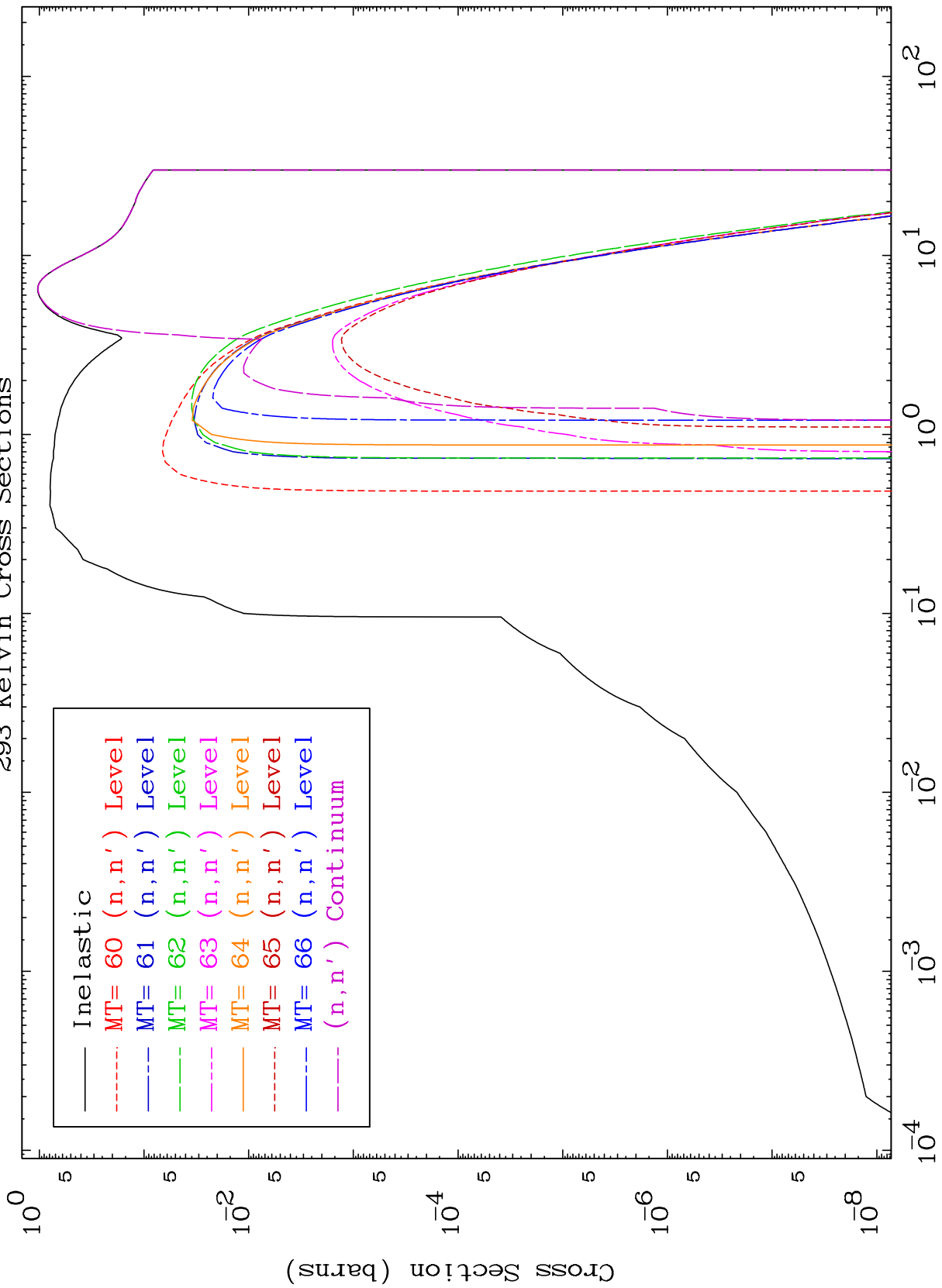




MAT 4905

(n,n') Levels
293 Kelvin Cross Sections

49-In-106m



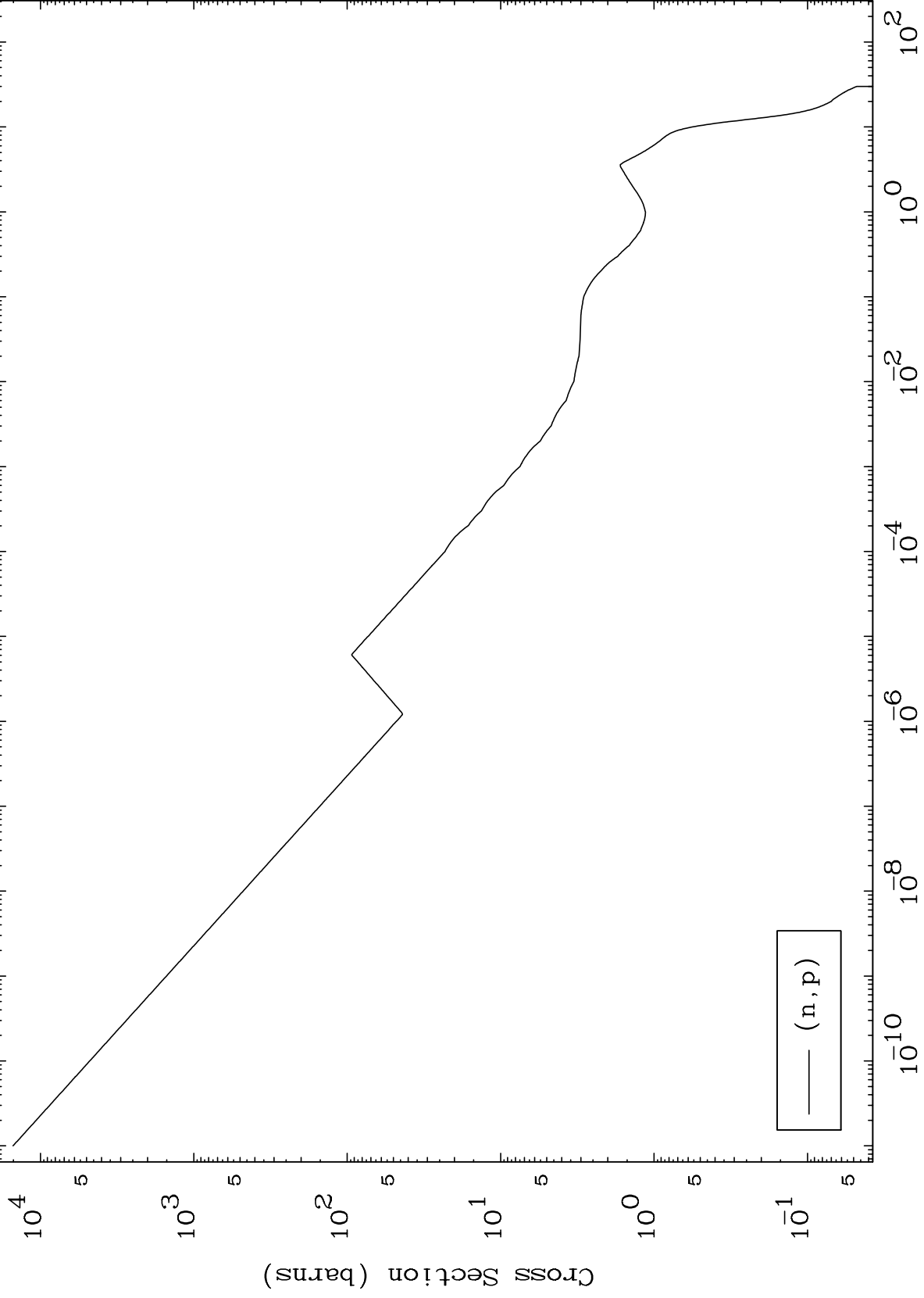
49-In-106m

Incident Energy (MeV)

MAT 4905

(n,p) Levels
293 Kelvin Cross Sections

49-In-106m

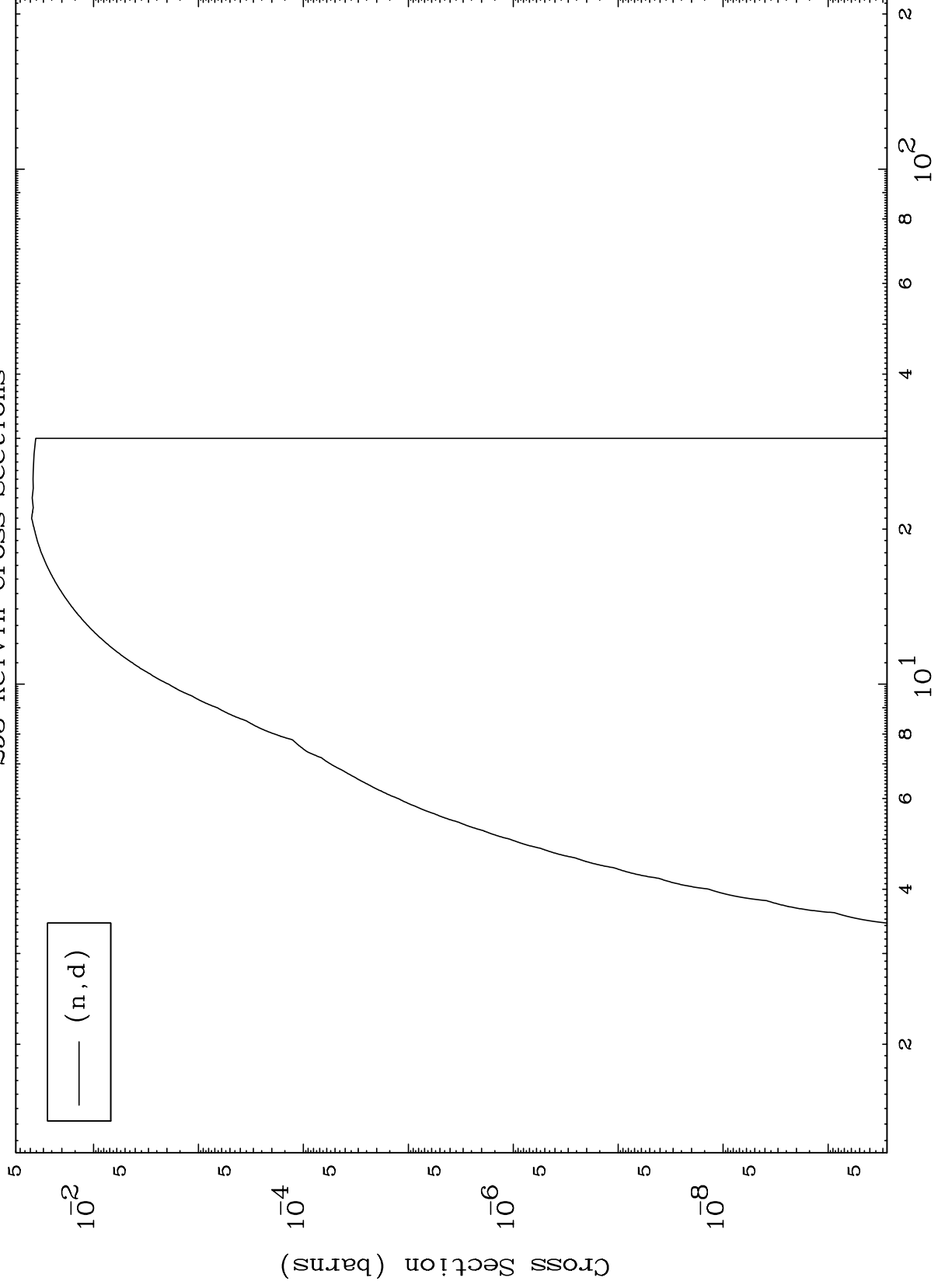


(n,p)

MAT 4905

(n,d) Levels
293 Kelvin Cross Sections

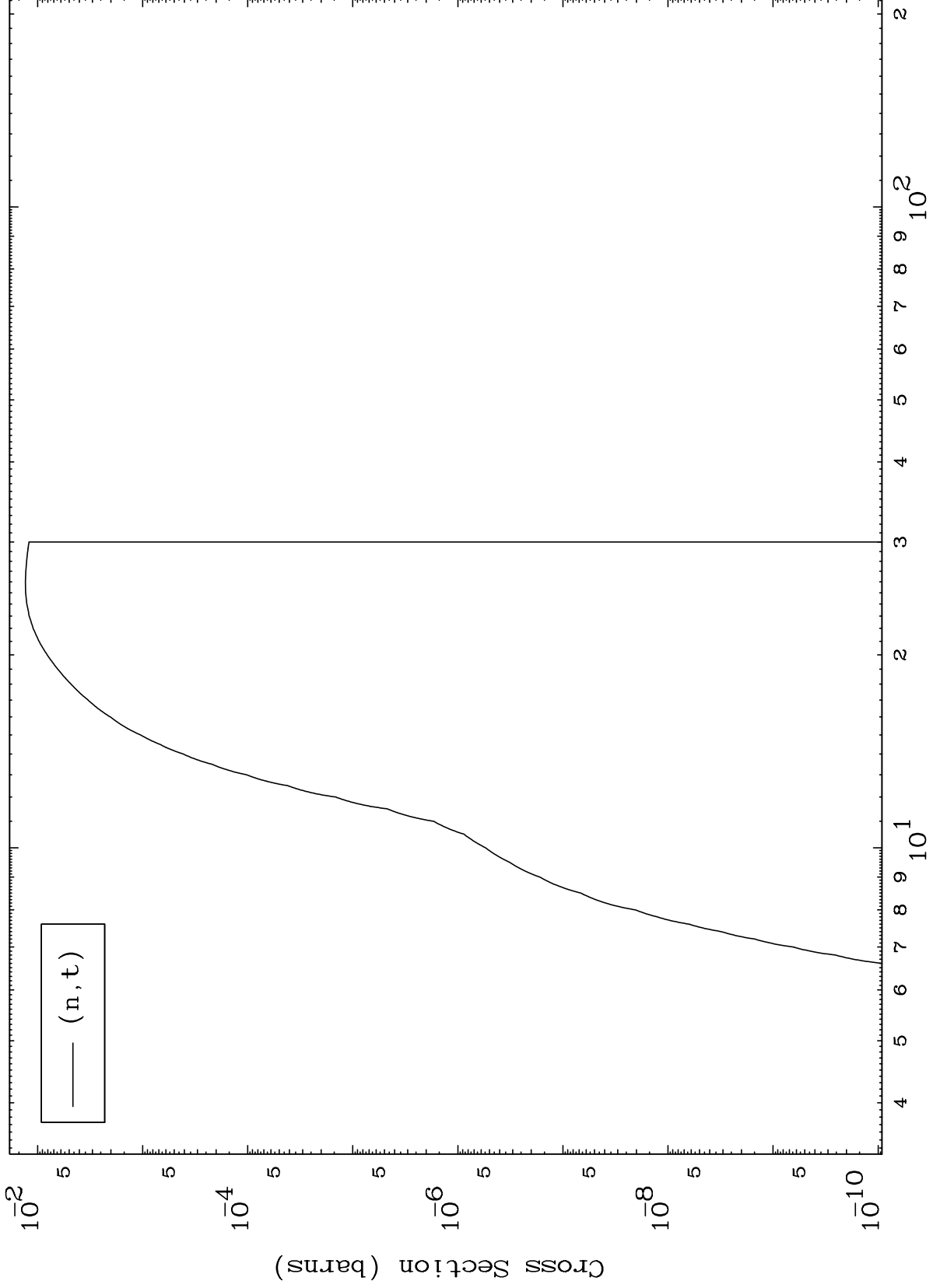
49-In-106m



MAT 4905

(n,t) Levels
293 Kelvin Cross Sections

49-In-106m



14

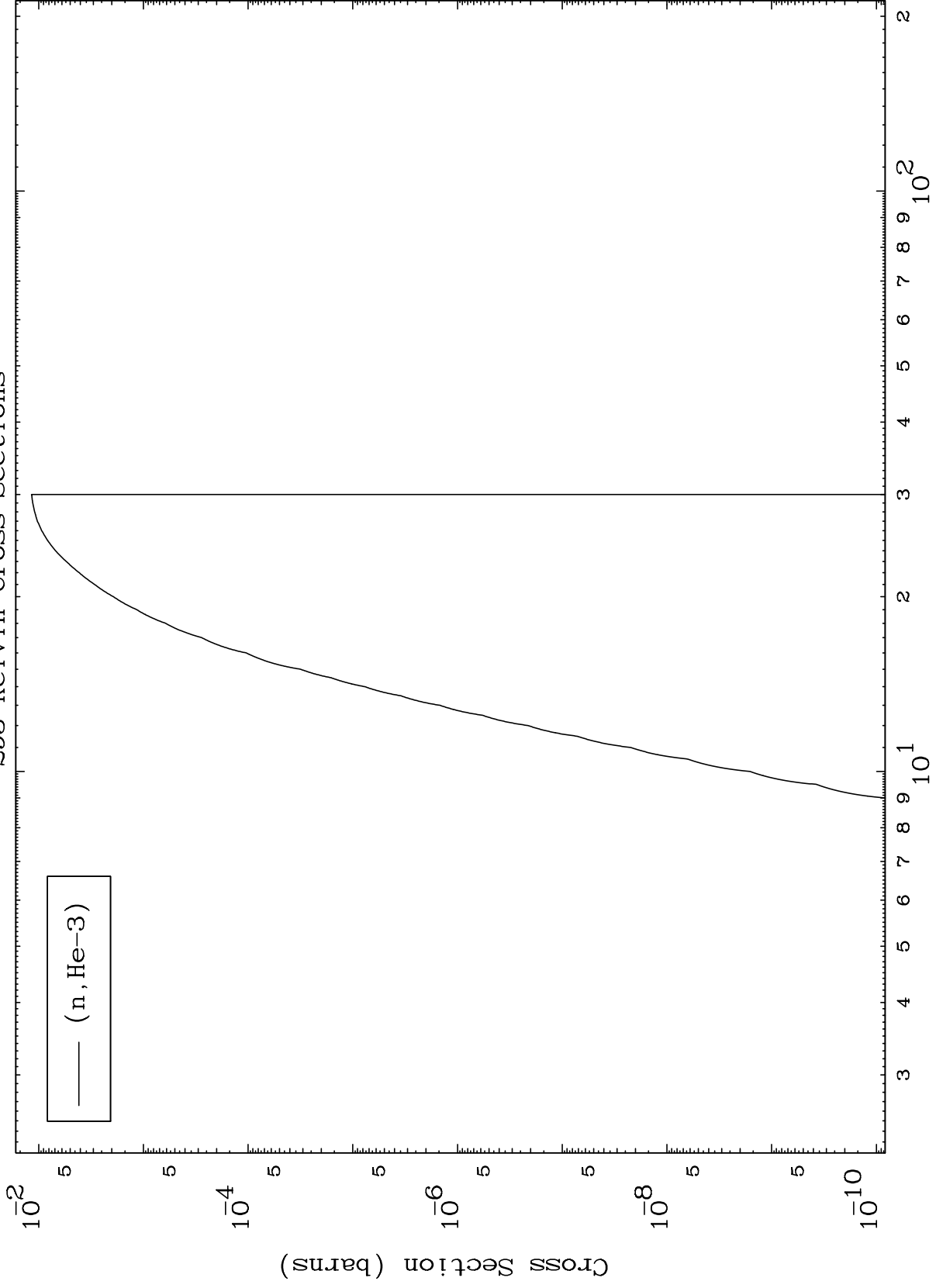
Incident Energy (MeV)

49-In-106m

MAT 4905

(n,He3) Levels
293 Kelvin Cross Sections

49-In-106m



15

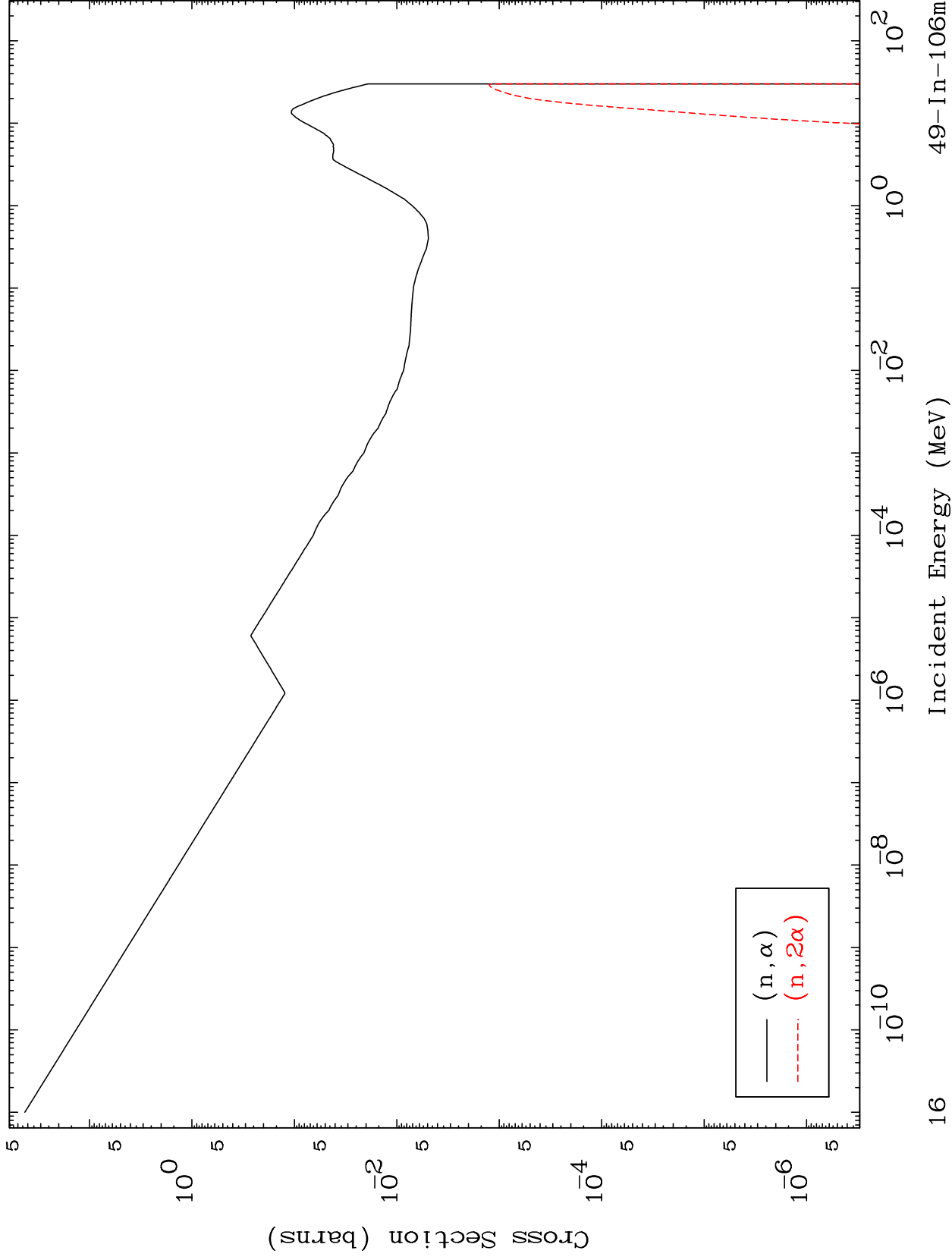
Incident Energy (MeV)

49-In-106m

MAT 4905

(n,α) Levels
293 Kelvin Cross Sections

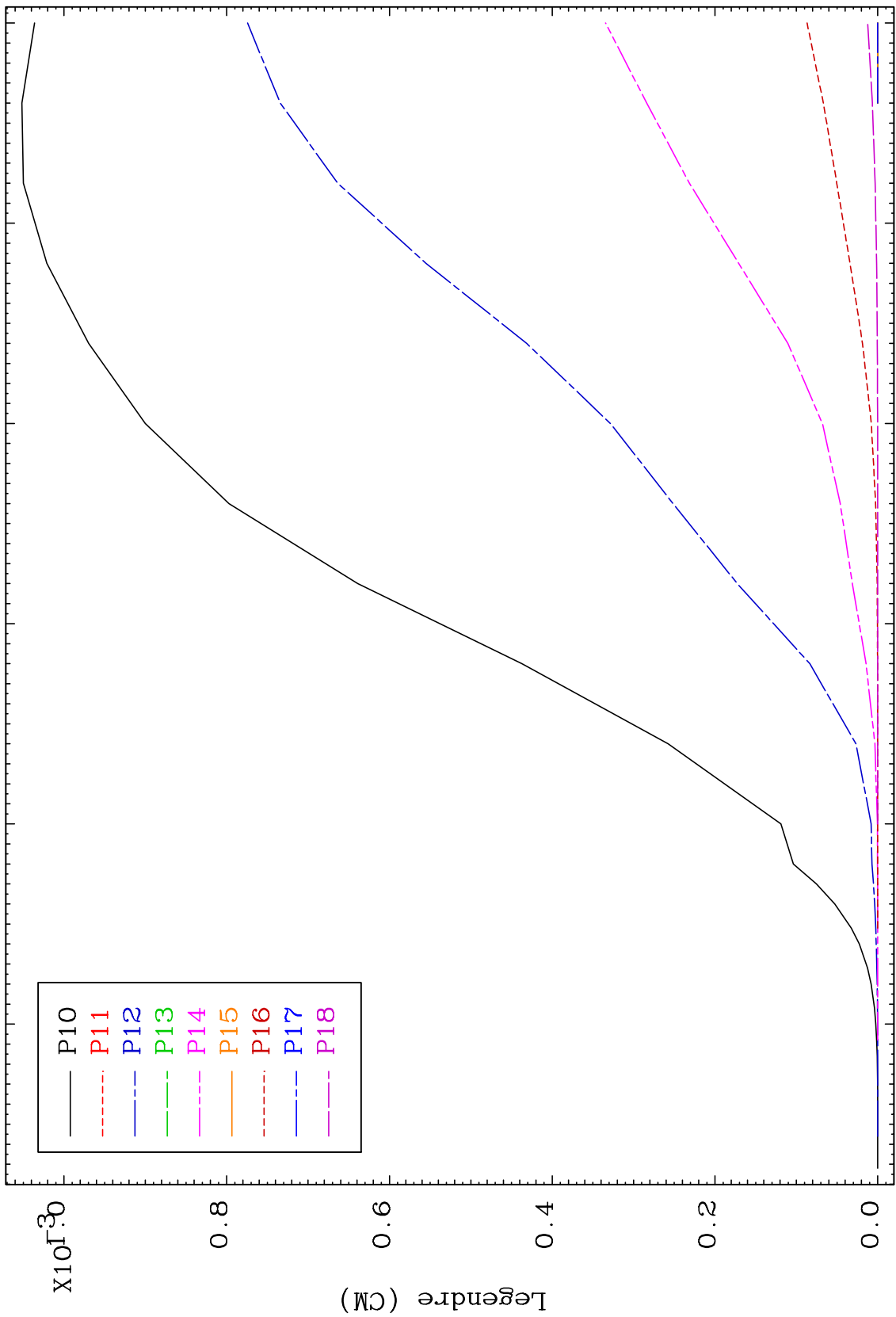
49-In-106m



MAT 4905

Elastic Legendre Coefficients

49-In-106m



18

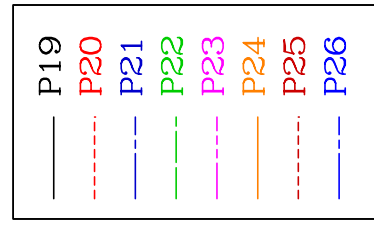
Incident Energy (MeV)

49-In-106m

MAT 4905

Elastic
Legendre Coefficients

49-In-106m



$\times 10^{-7}$

Legendre (CM)



19

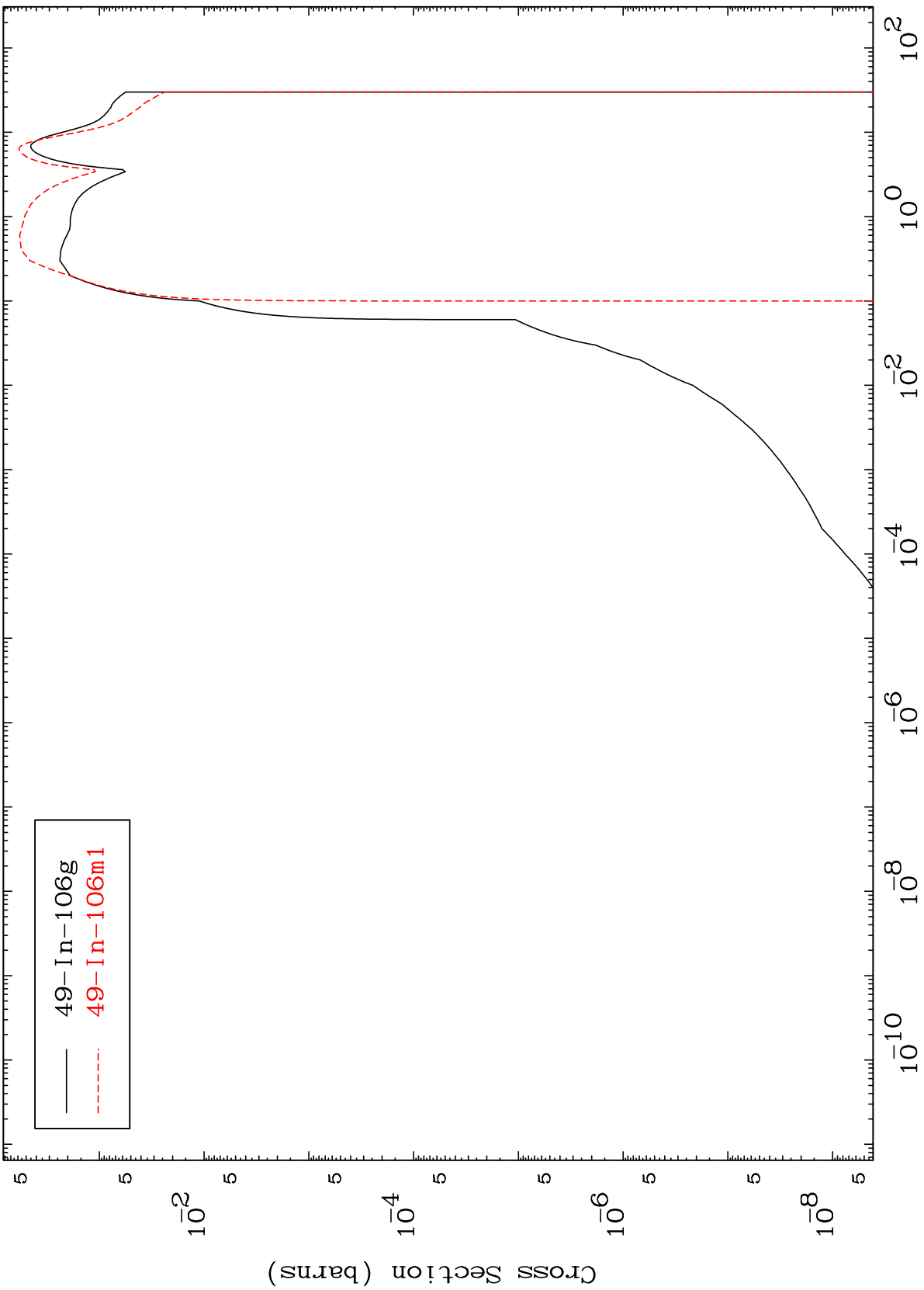
Incident Energy (MeV)

49-In-106m

MAT 4905

Radionuclide Production Cross Section

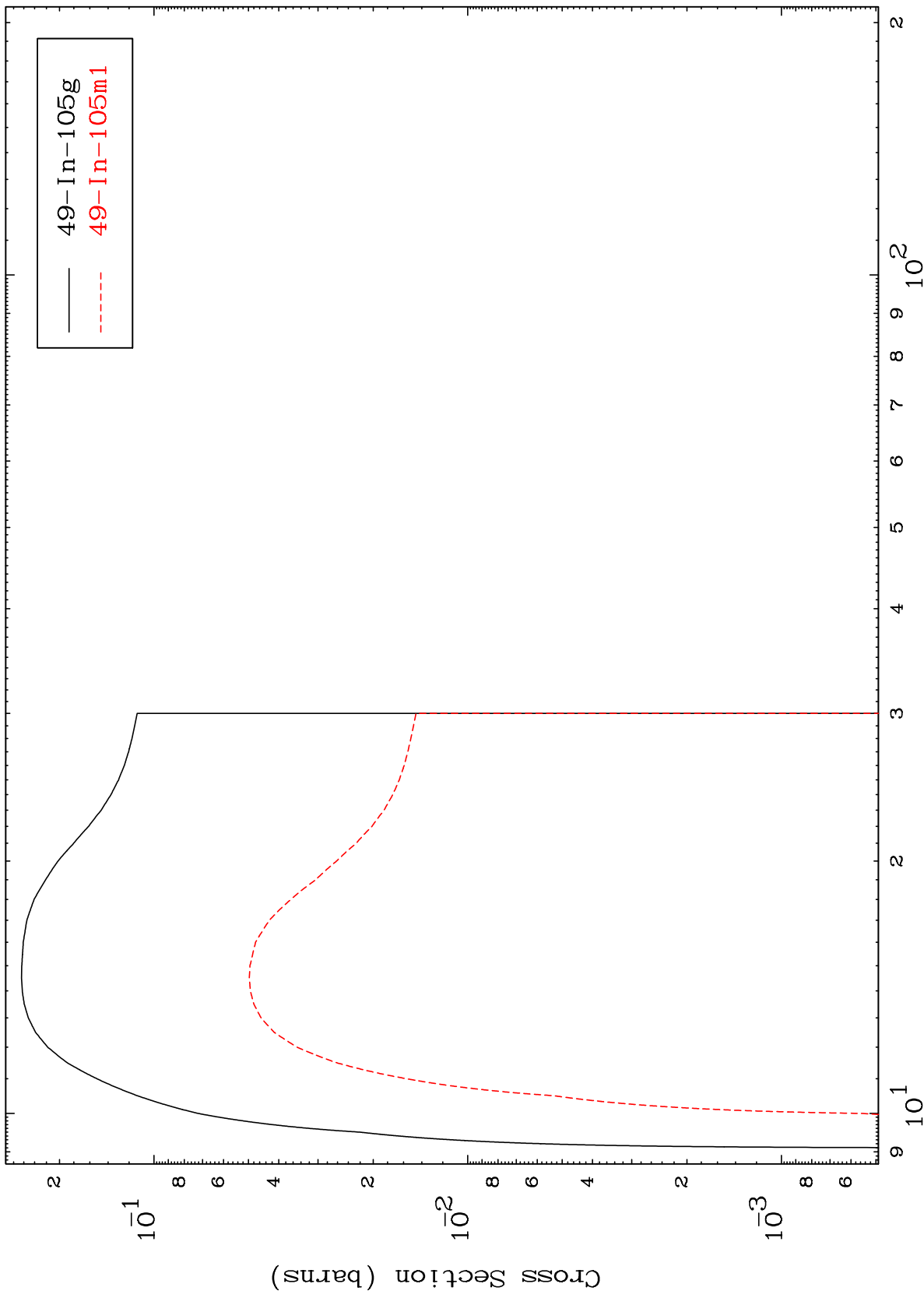
49-In-106m



MAT 4905

49-In-106m

(n,2n)
Radionuclide Production Cross Section



21

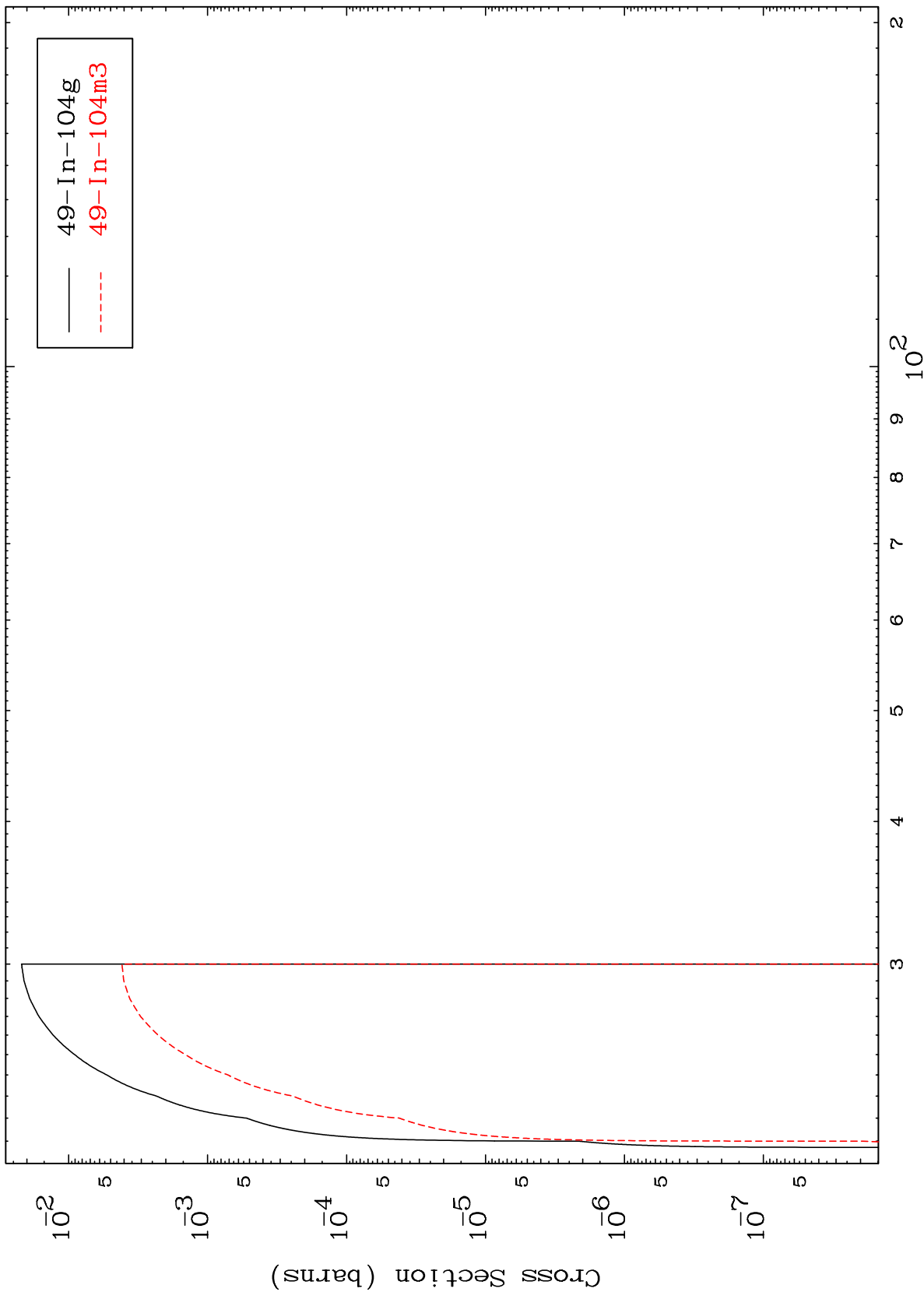
Incident Energy (MeV)

49-In-106m

MAT 4905

49-In-106m

(n,3n)
Radionuclide Production Cross Section



49-In-106m

Incident Energy (MeV)

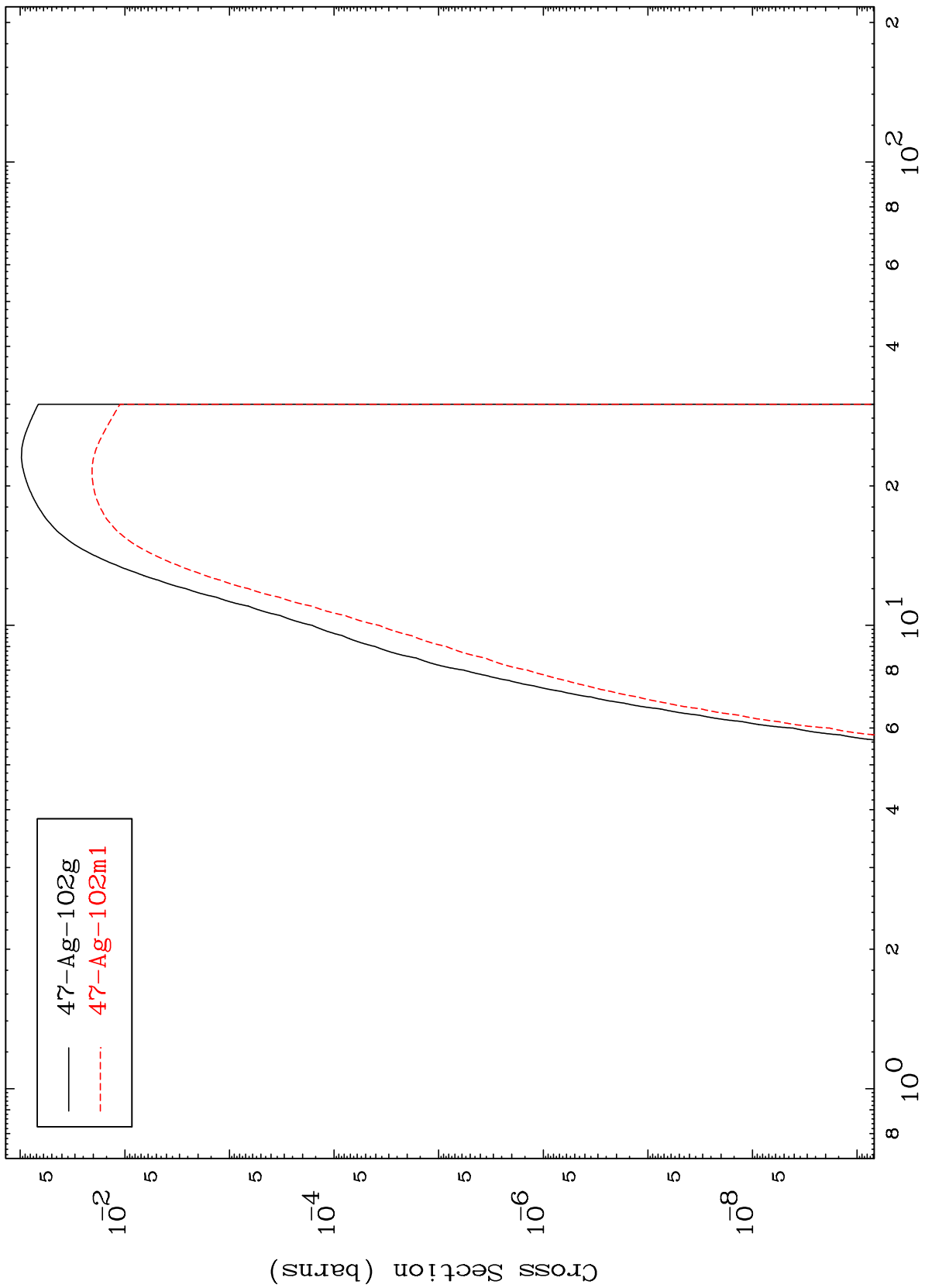
22

MAT 4905

(n,n') α

49-In-106m

Radionuclide Production Cross Section

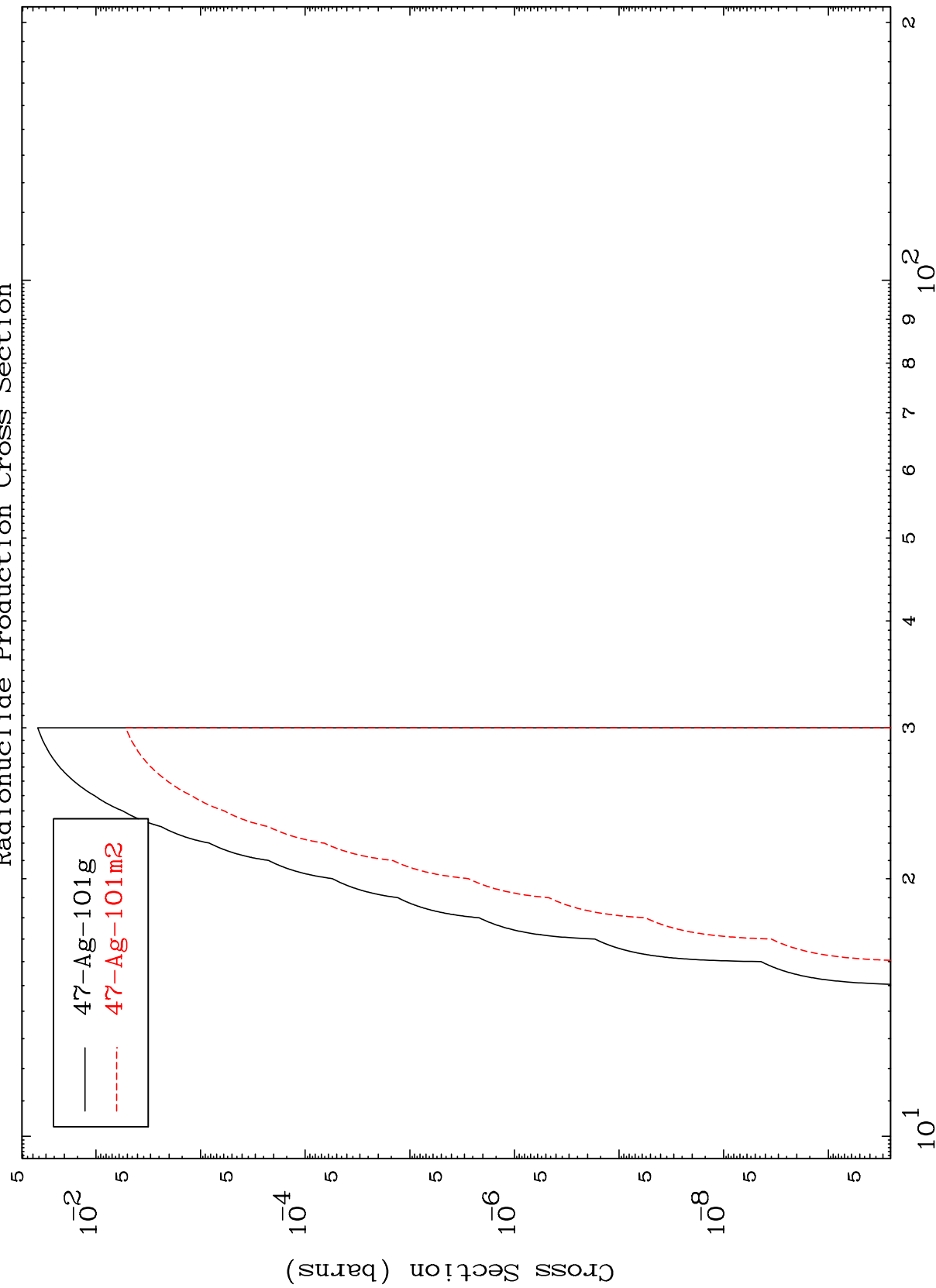


MAT 4905

(n,2n) α

49-In-106m

Radionuclide Production Cross Section



— 47-Ag-101g
- - - 47-Ag-101m2

Incident Energy (MeV)

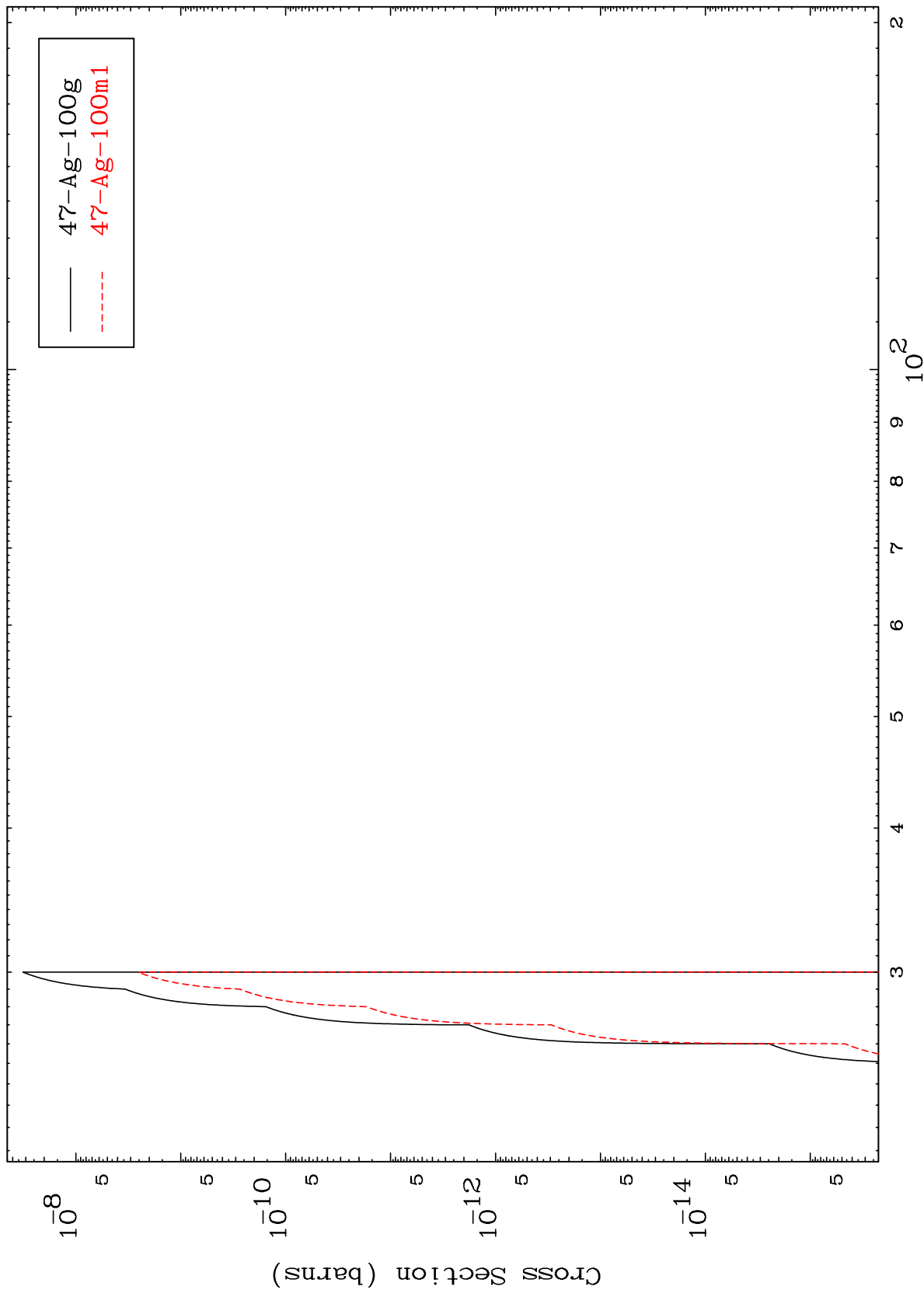
49-In-106m

MAT 4905

(n,3n) α

49-In-106m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

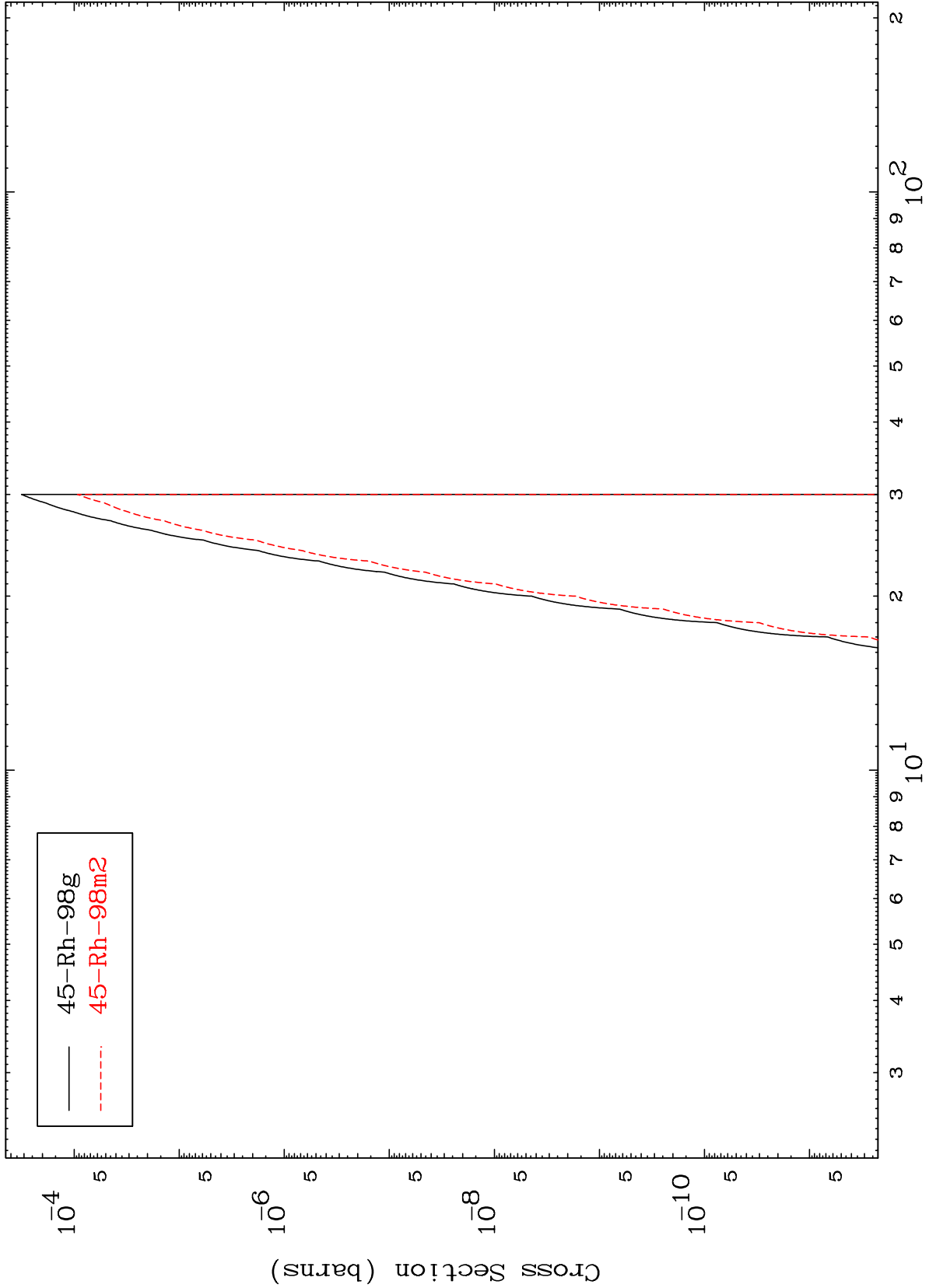
49-In-106m

MAT 4905

(n,n') 2α

49-In-106m

Radionuclide Production Cross Section



— 45-Rh-98g
- - - 45-Rh-98m2

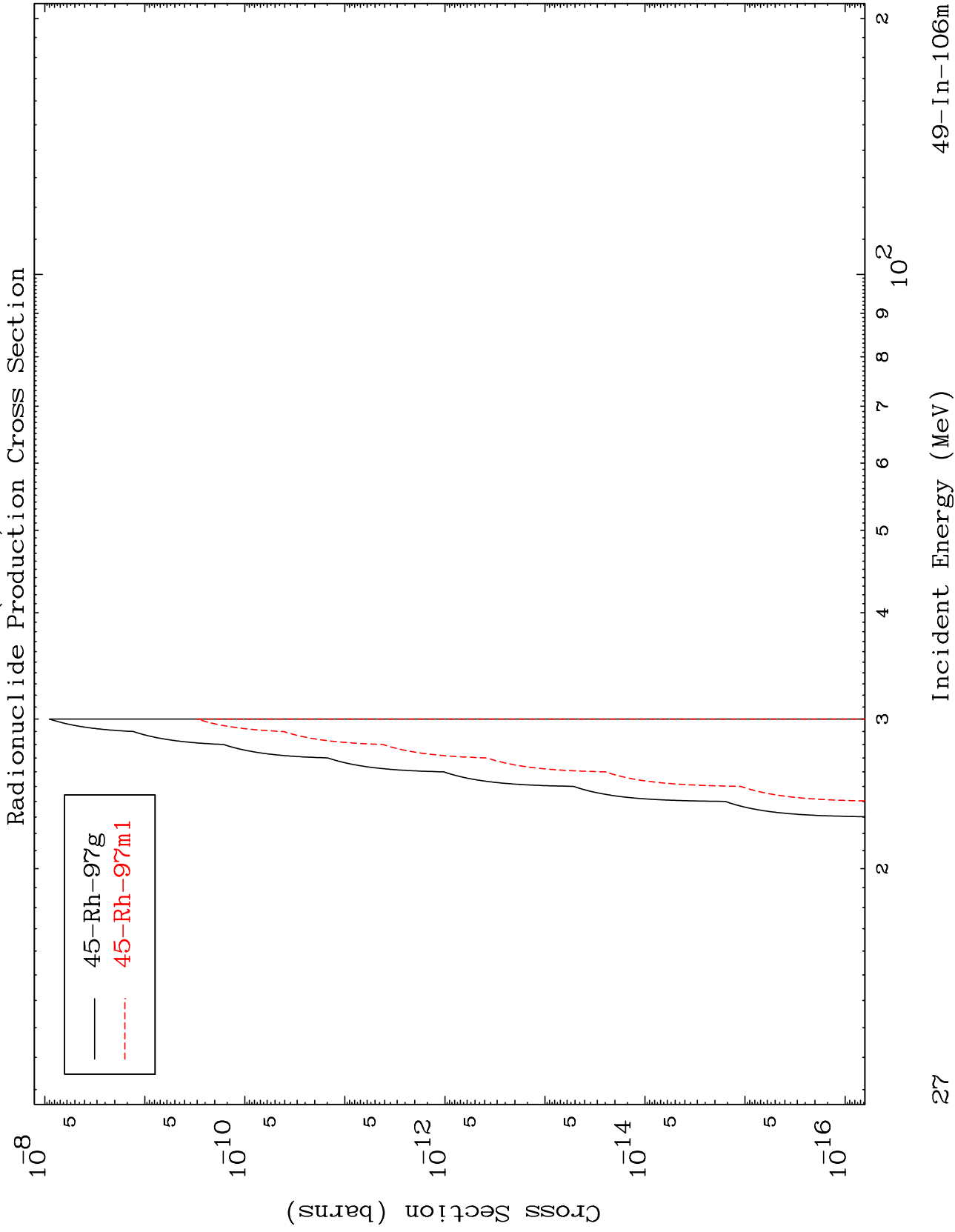
Incident Energy (MeV)

49-In-106m

MAT 4905

(n,2n) 2α

49-In-106m

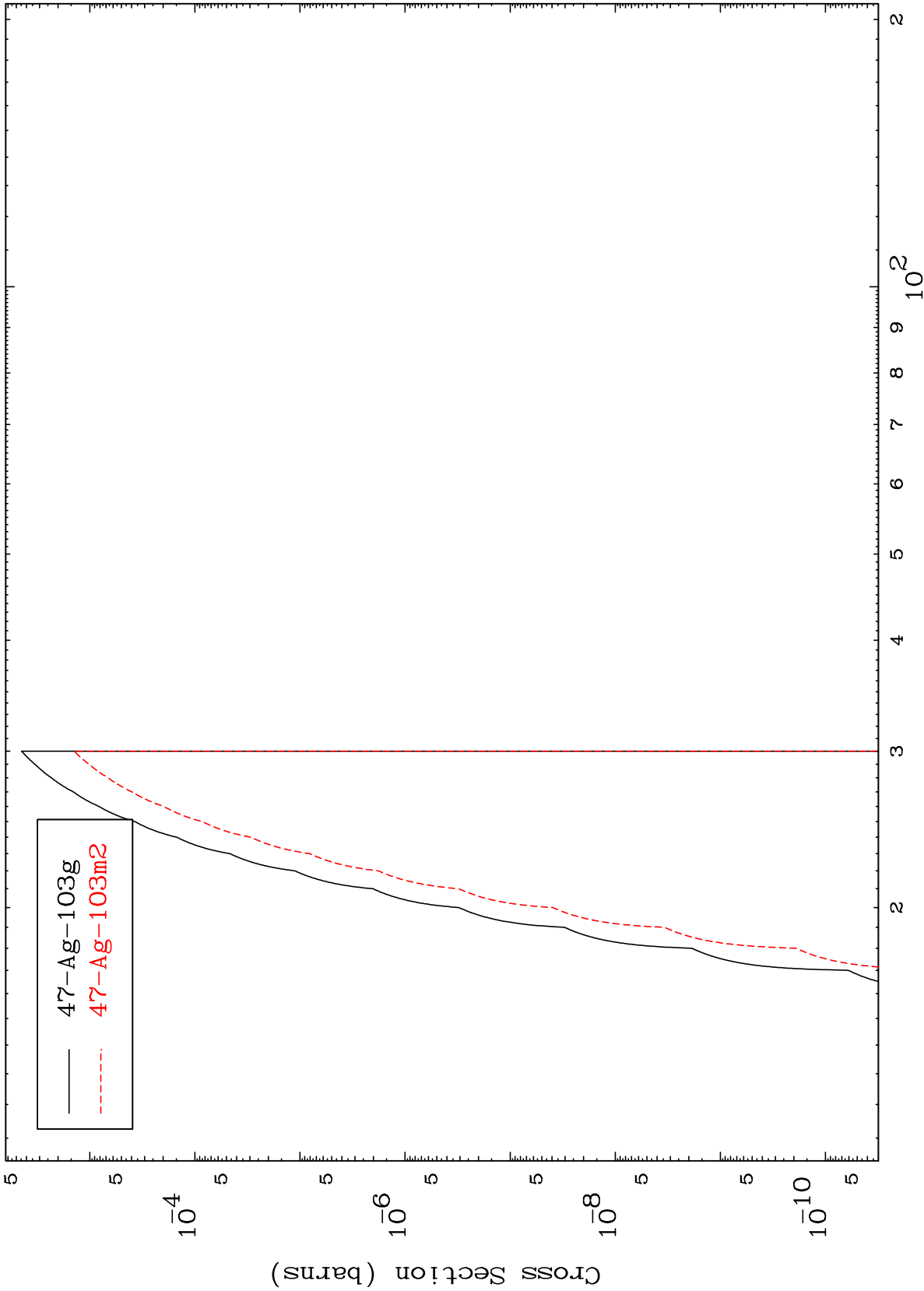


MAT 4905

(n,n') He-3

49-In-106m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-106m

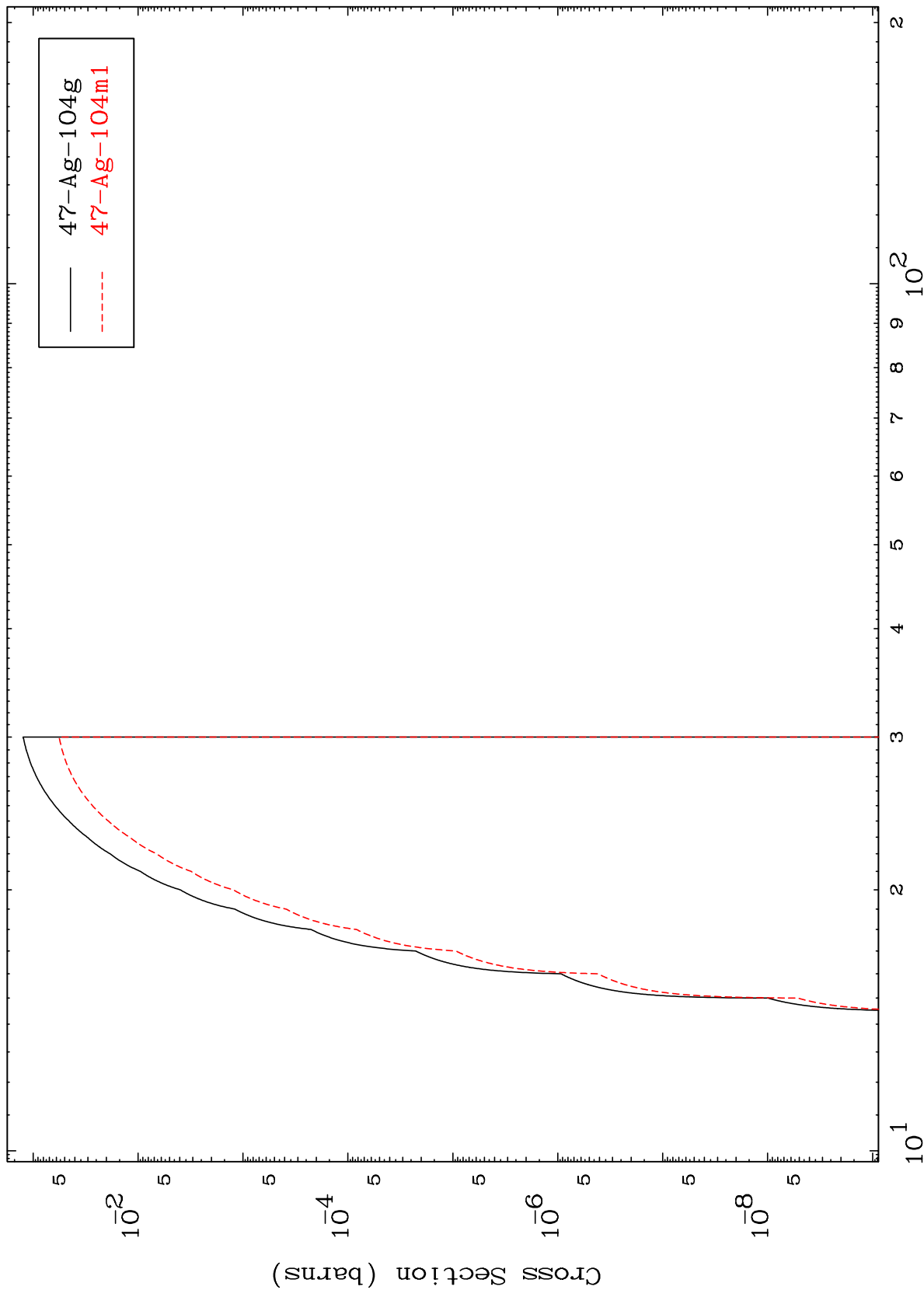
28

MAT 4905

(n,2n) p

49-In-106m

Radionuclide Production Cross Section



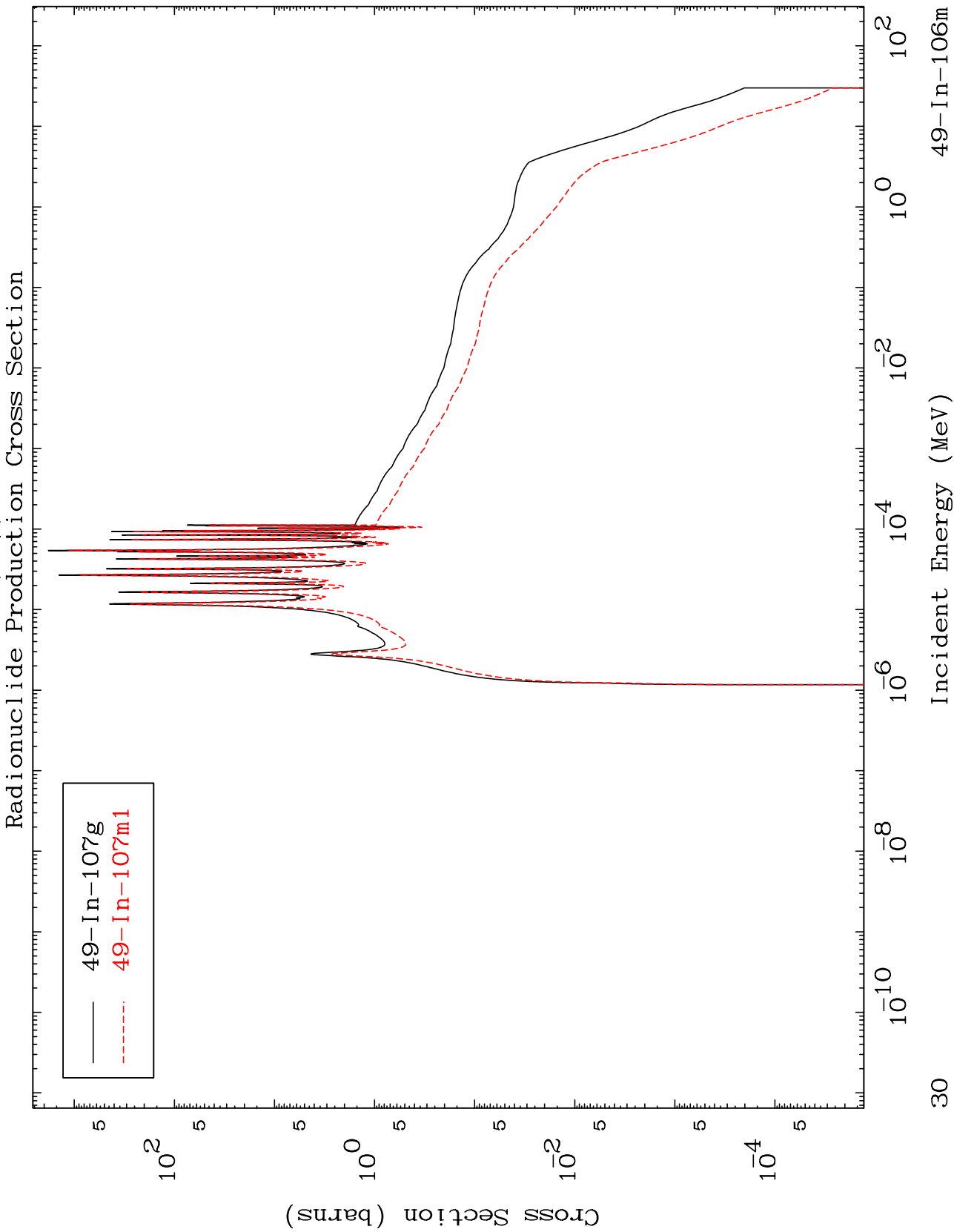
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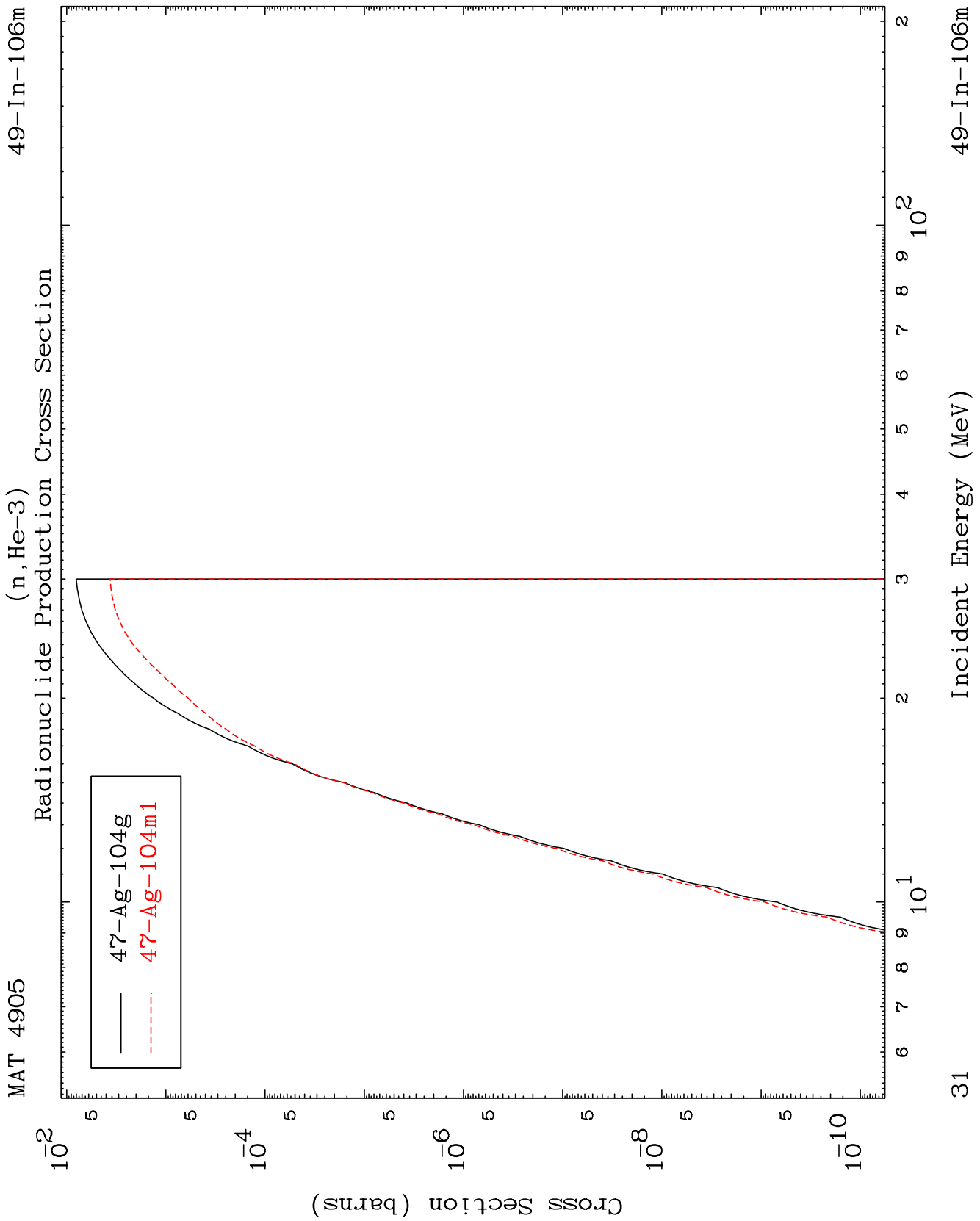
Incident Energy (MeV)

49-In-106m

MAT 4905

49-In-106m

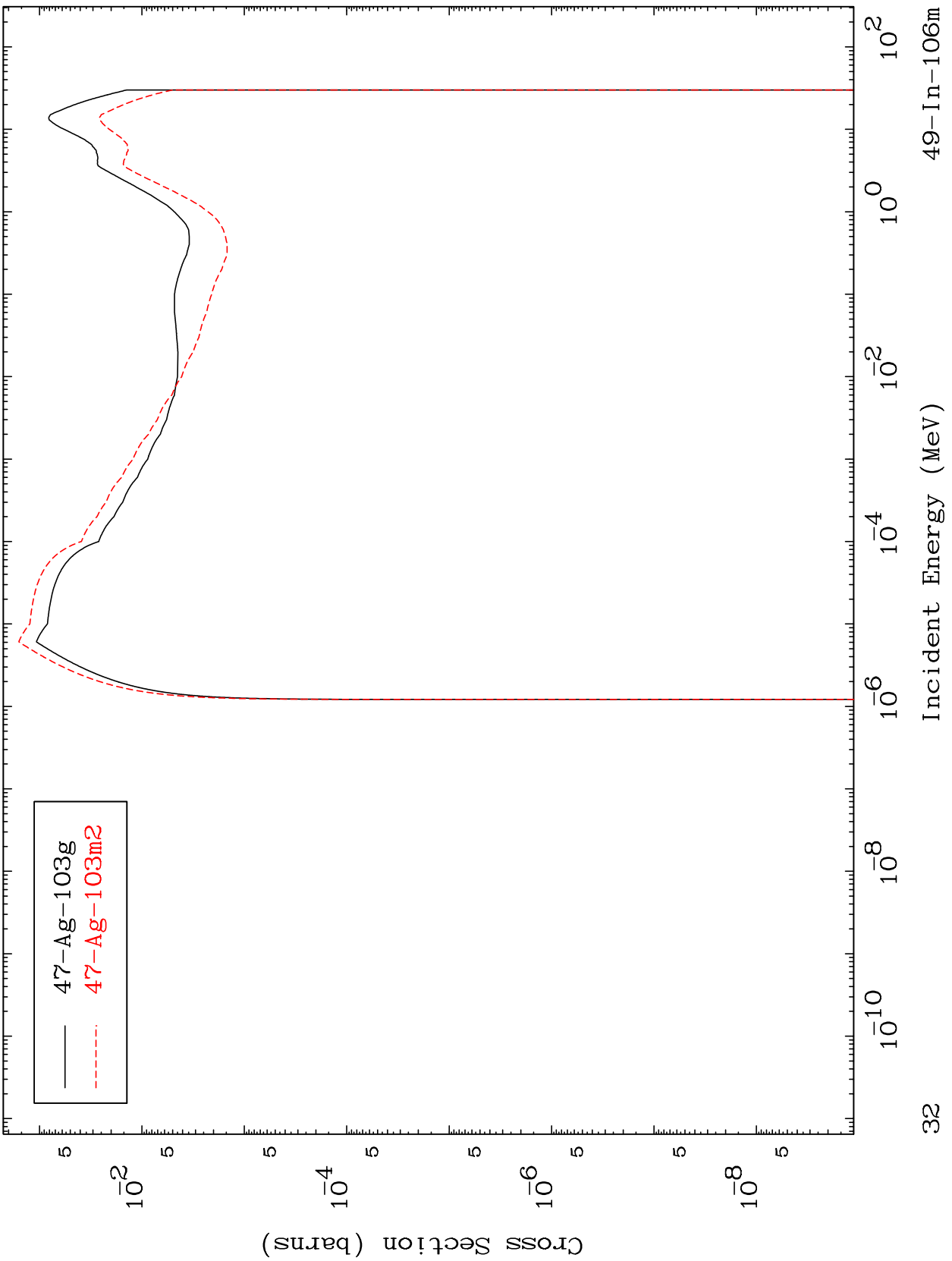




MAT 4905

49-In-106m

Radionuclide Production Cross Section

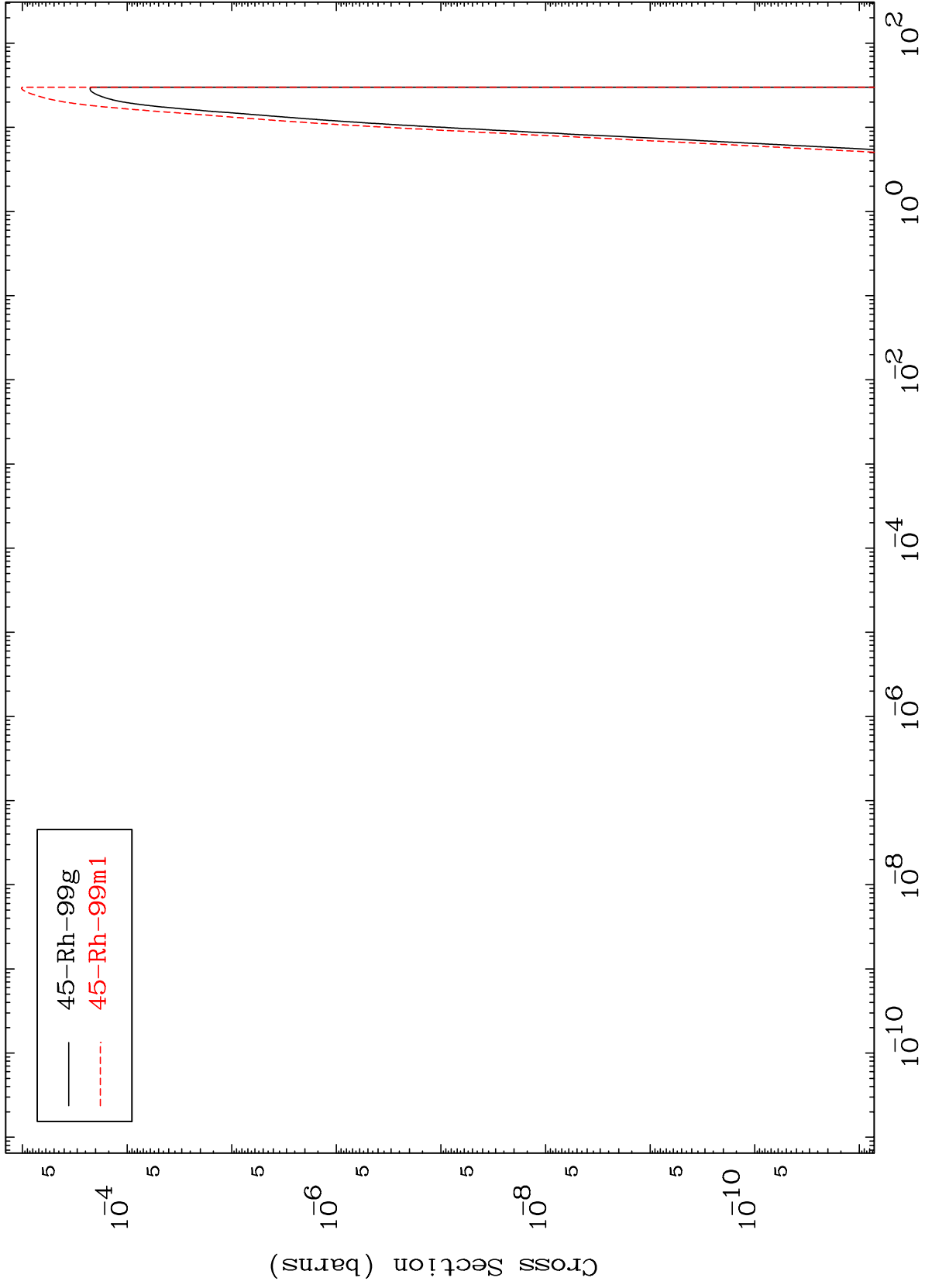


MAT 4905

(n,2α)

49-In-106m

Radionuclide Production Cross Section

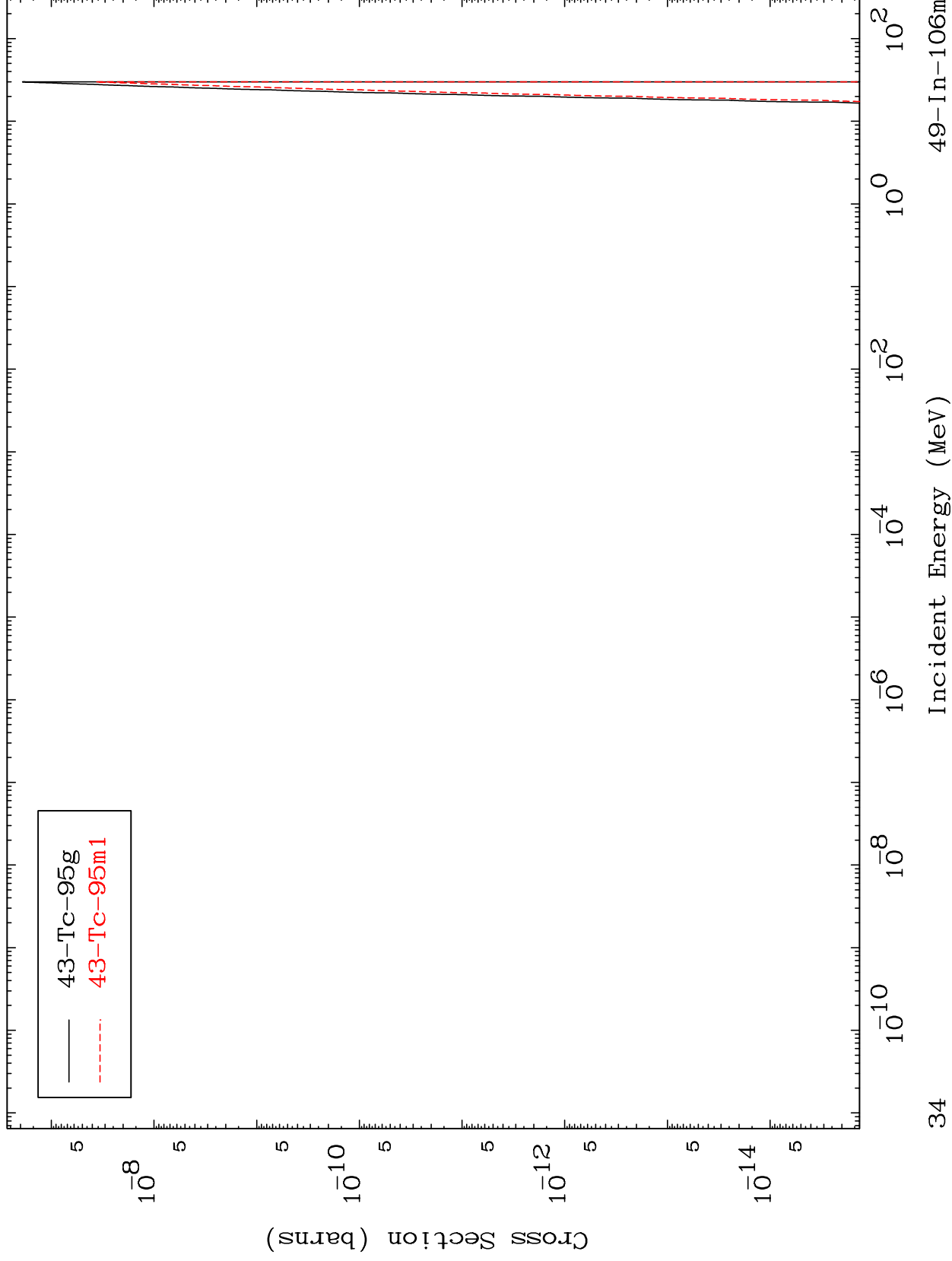


MAT 4905

(n, 3 α)

49-In-106m

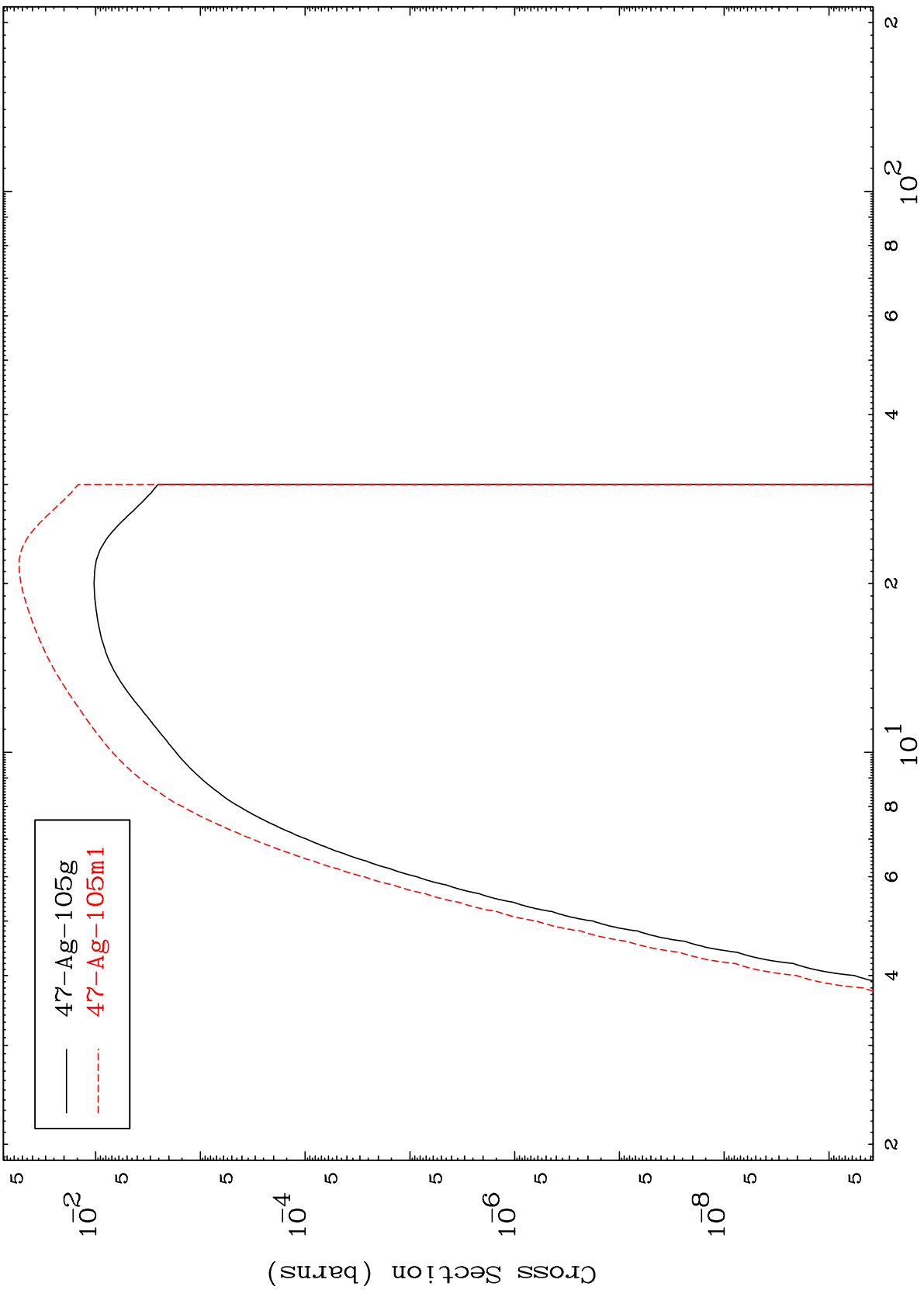
Radionuclide Production Cross Section



MAT 4905

49-In-106m

(n,2p)
Radionuclide Production Cross Section



35

49-In-106m

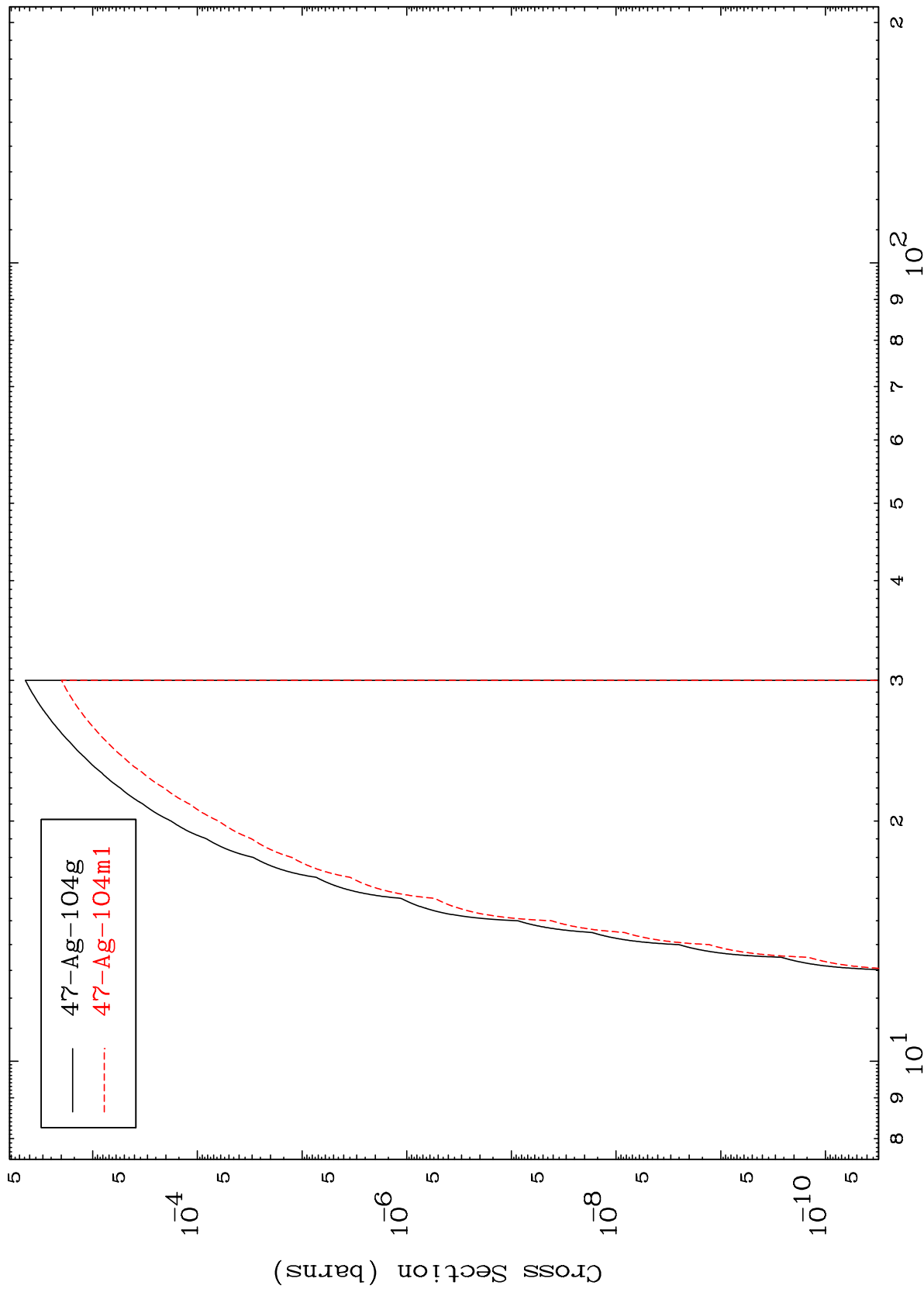
Incident Energy (MeV)

MAT 4905

(n,p) d

49-In-106m

Radionuclide Production Cross Section



— 47-Ag-104g
- - - 47-Ag-104m1

36

Incident Energy (MeV)

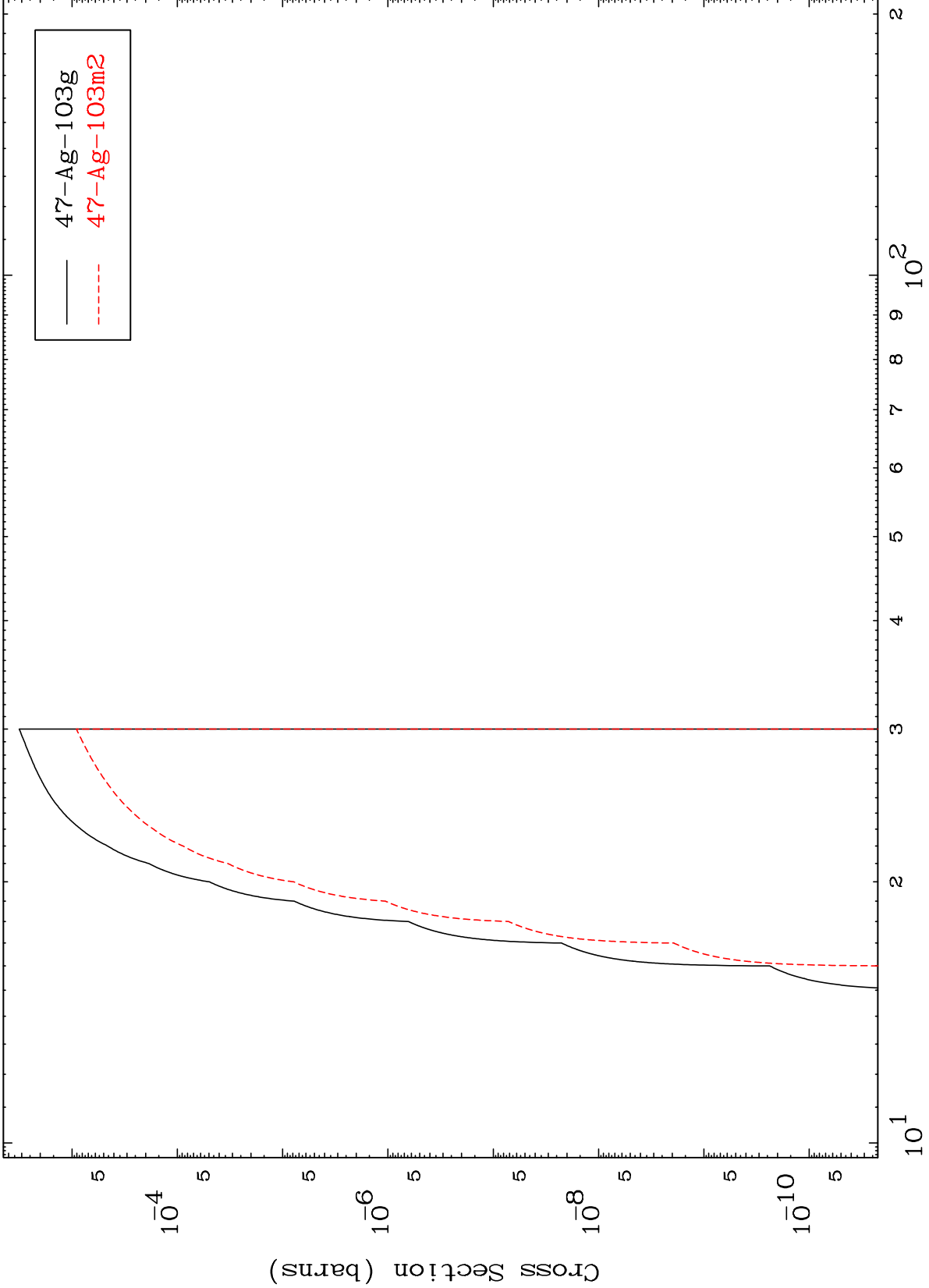
49-In-106m

MAT 4905

(n,p) t

49-In-106m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-106m