

Program EVALPLOT  
(Version 2017-1)

by

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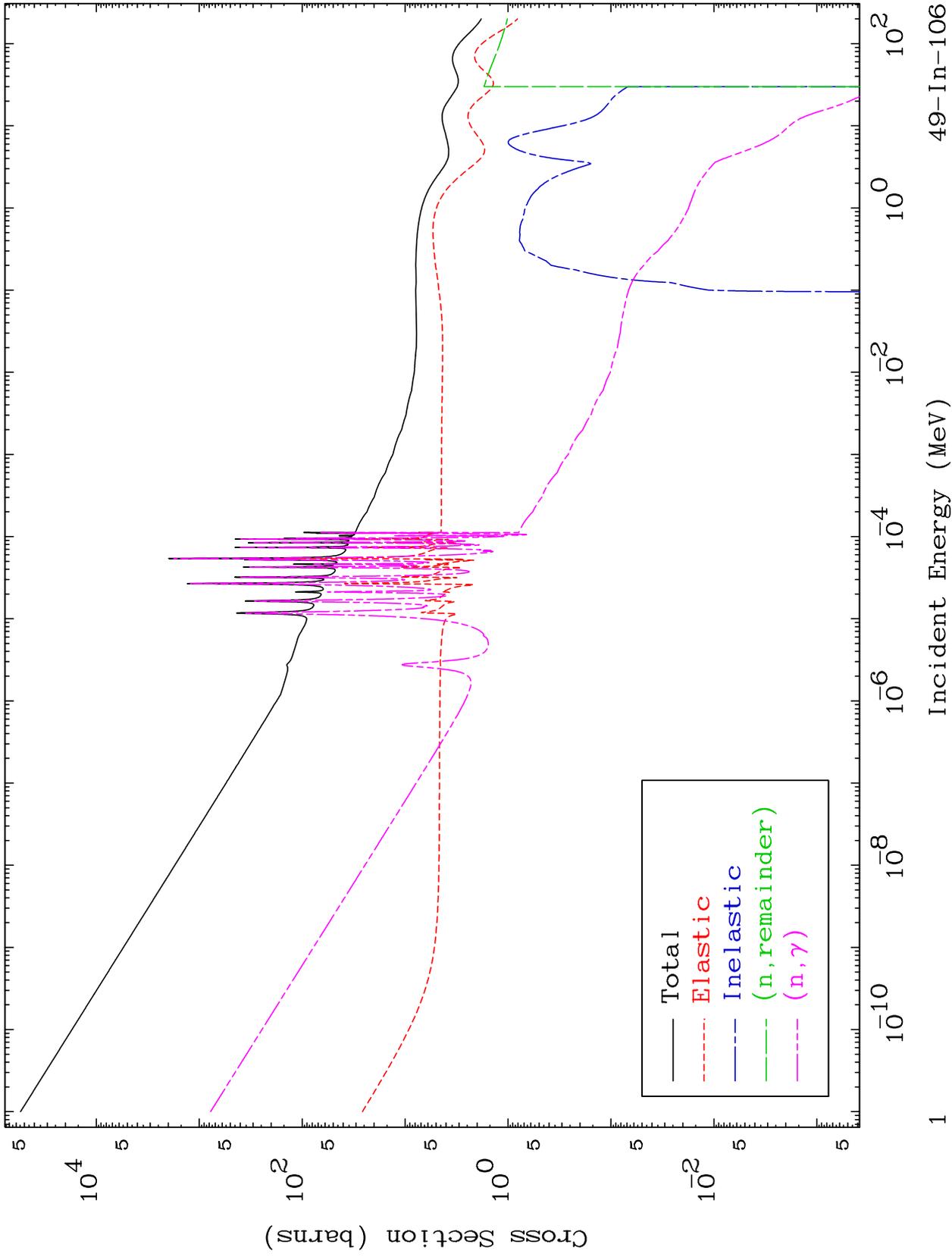
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4905

Major  
293 Kelvin Cross Sections

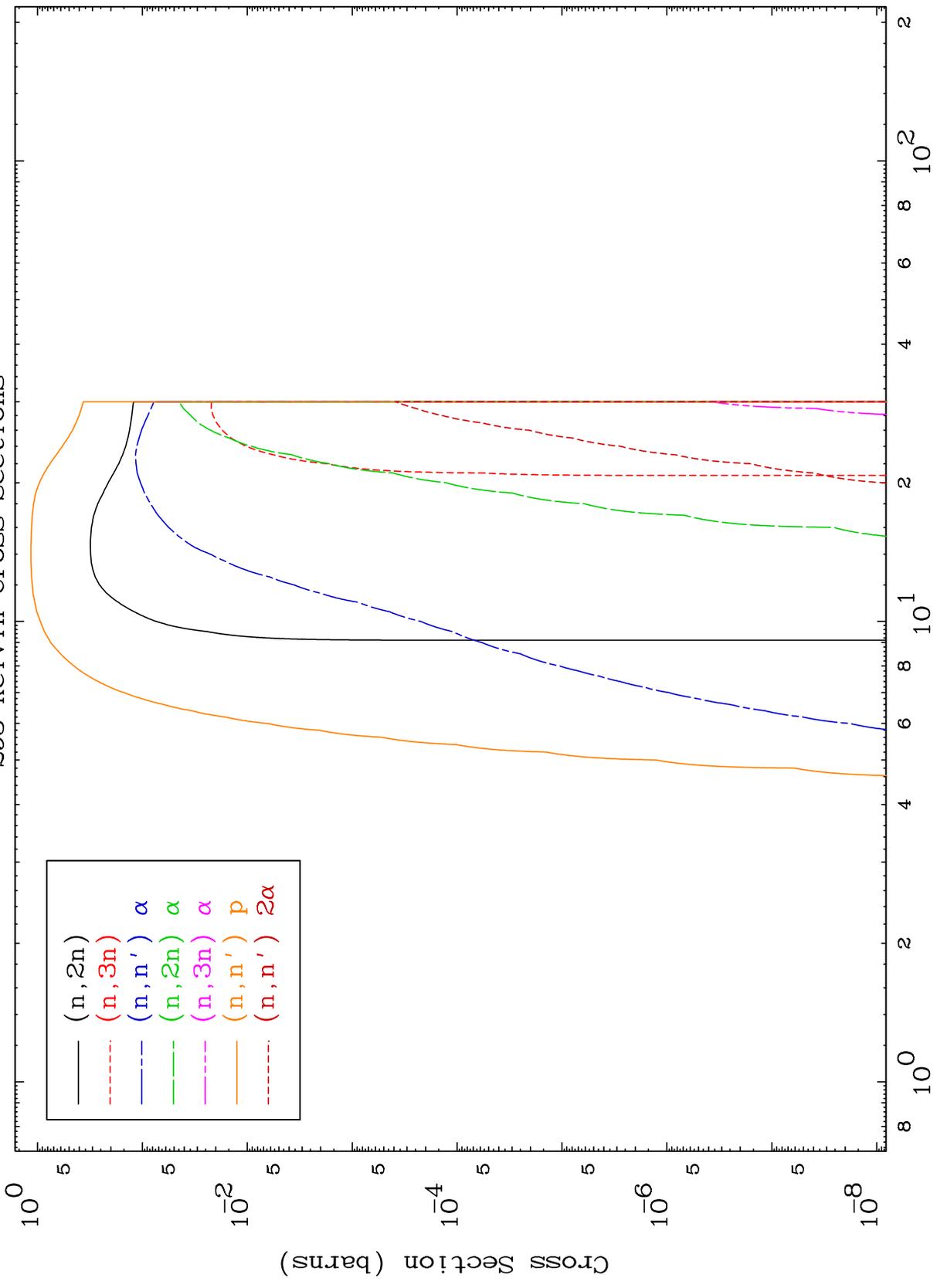
49-In-106



MAT 4905

Neutron Production  
293 Kelvin Cross Sections

49-In-106



49-In-106

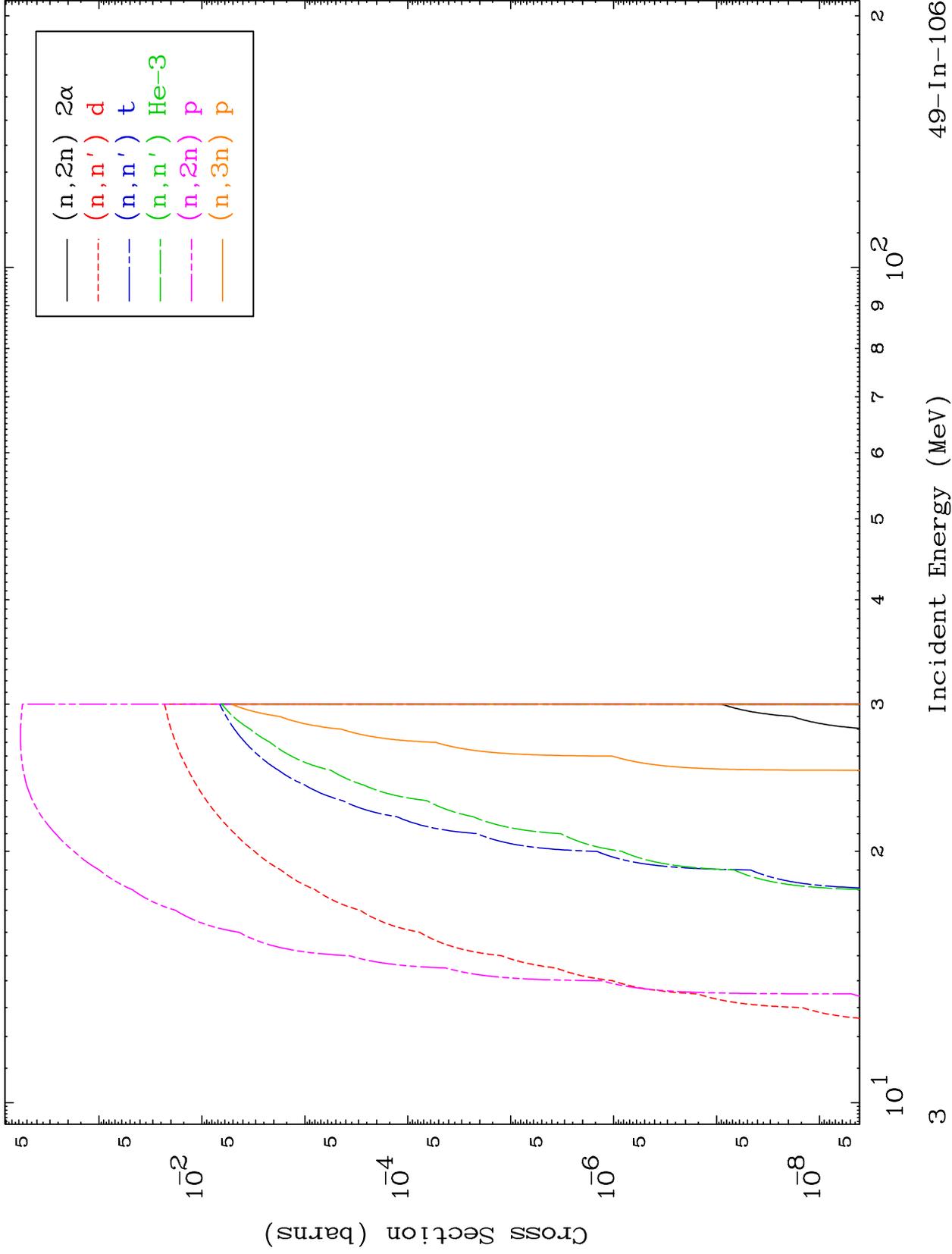
Incident Energy (MeV)

2

MAT 4905

Neutron Production  
293 Kelvin Cross Sections

49-In-106



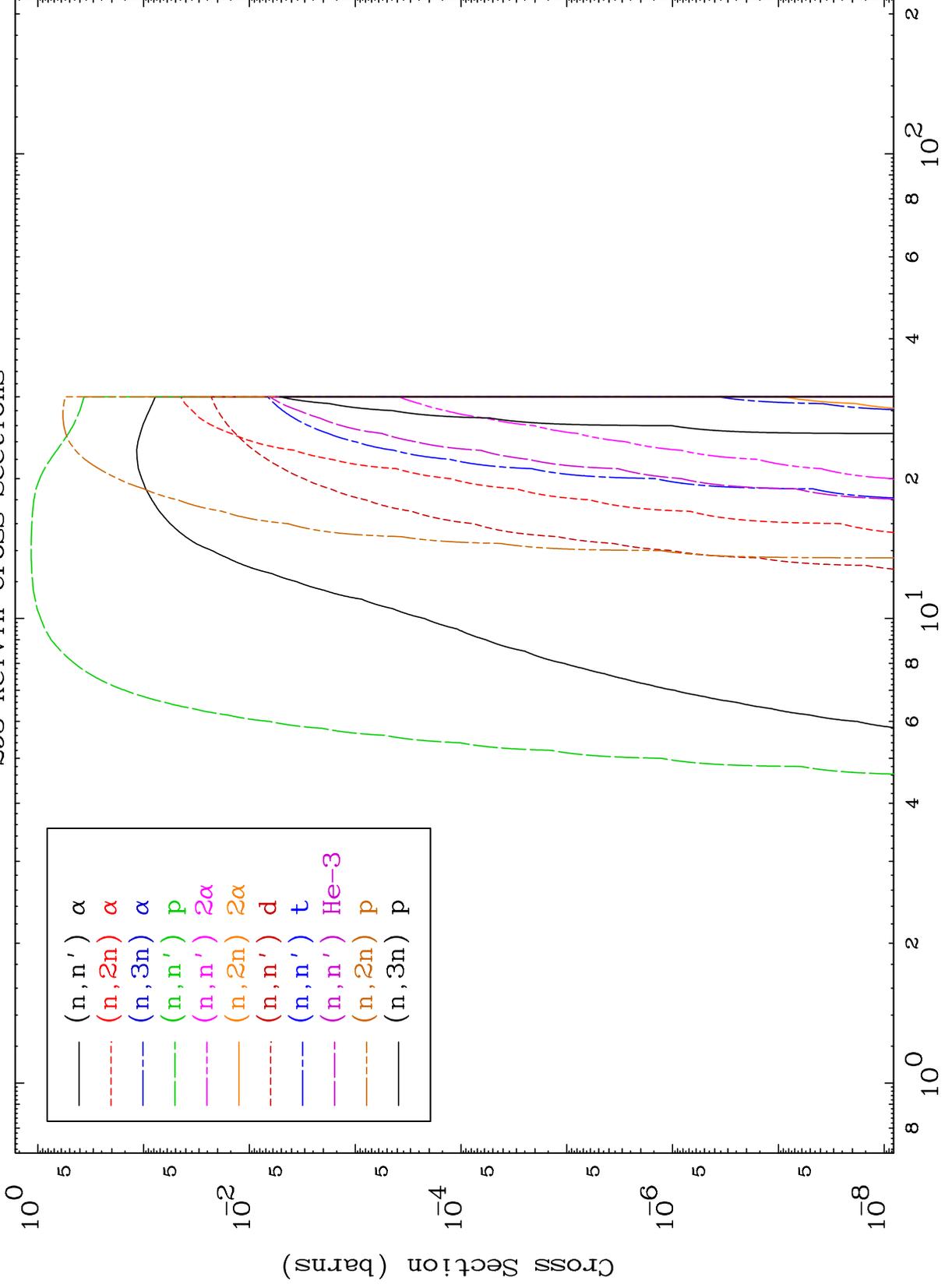
49-In-106

Incident Energy (MeV)

MAT 4905

Charged Particle  
293 Kelvin Cross Sections

49-In-106



4

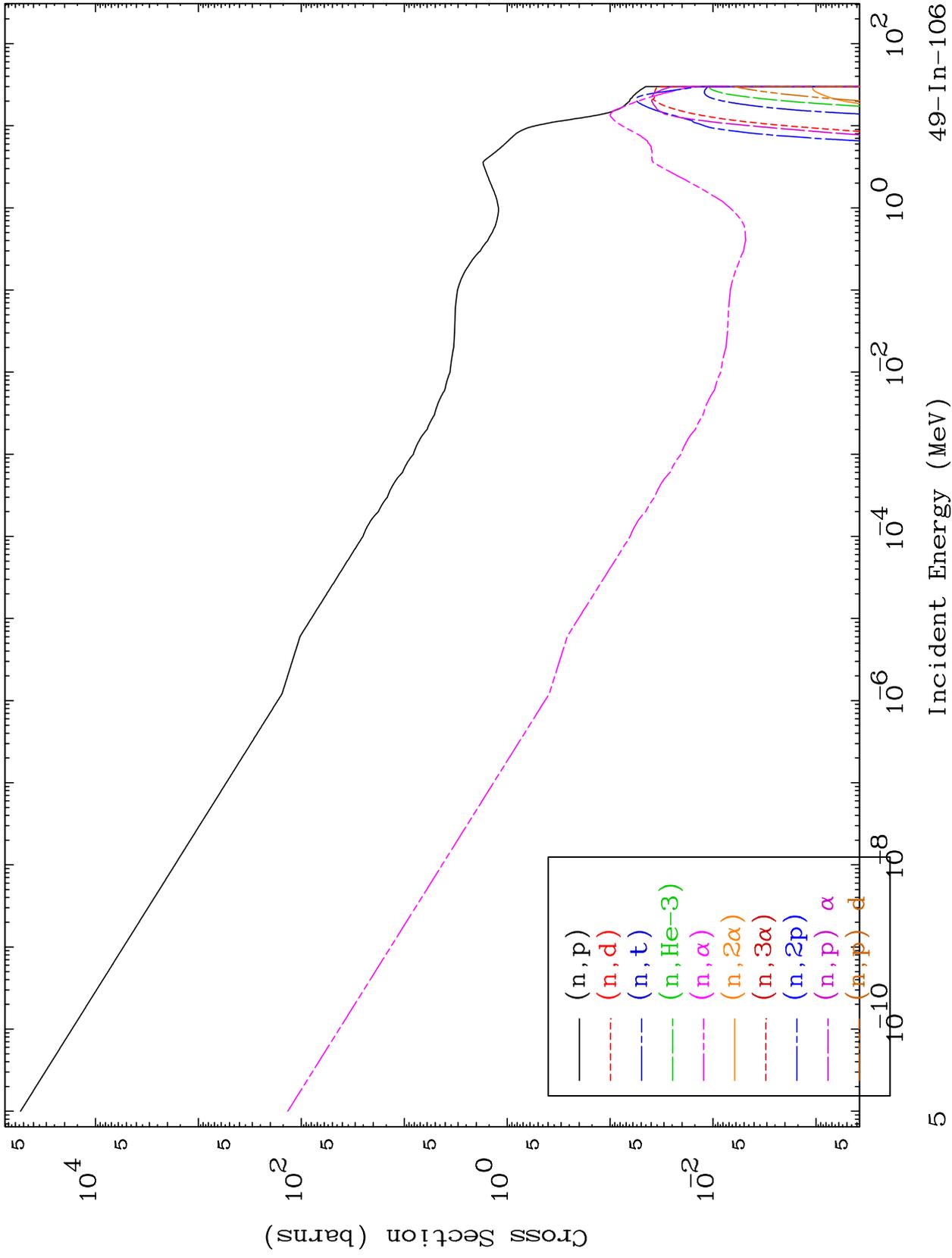
Incident Energy (MeV)

49-In-106

MAT 4905

Charged Particle  
293 Kelvin Cross Sections

49-In-106

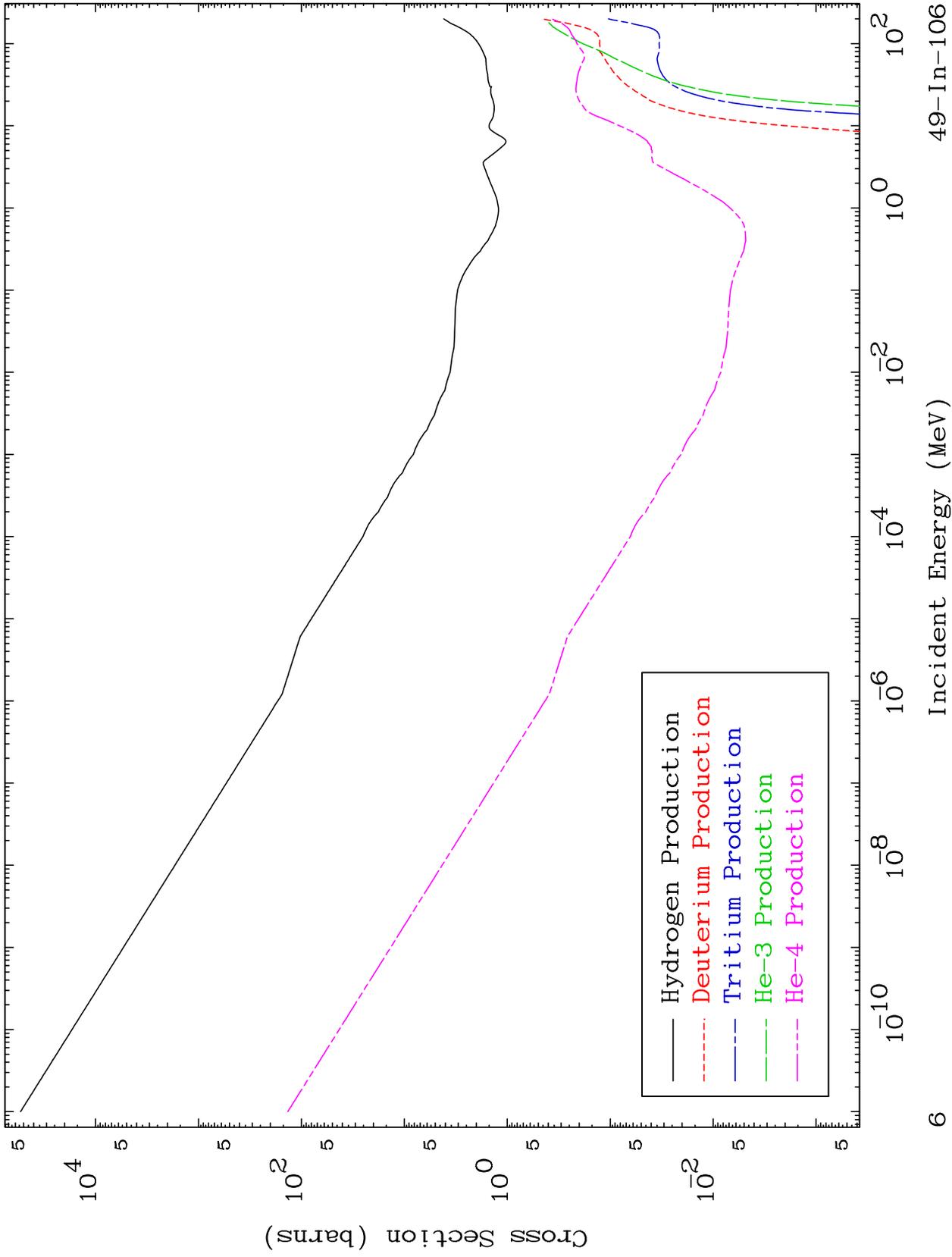


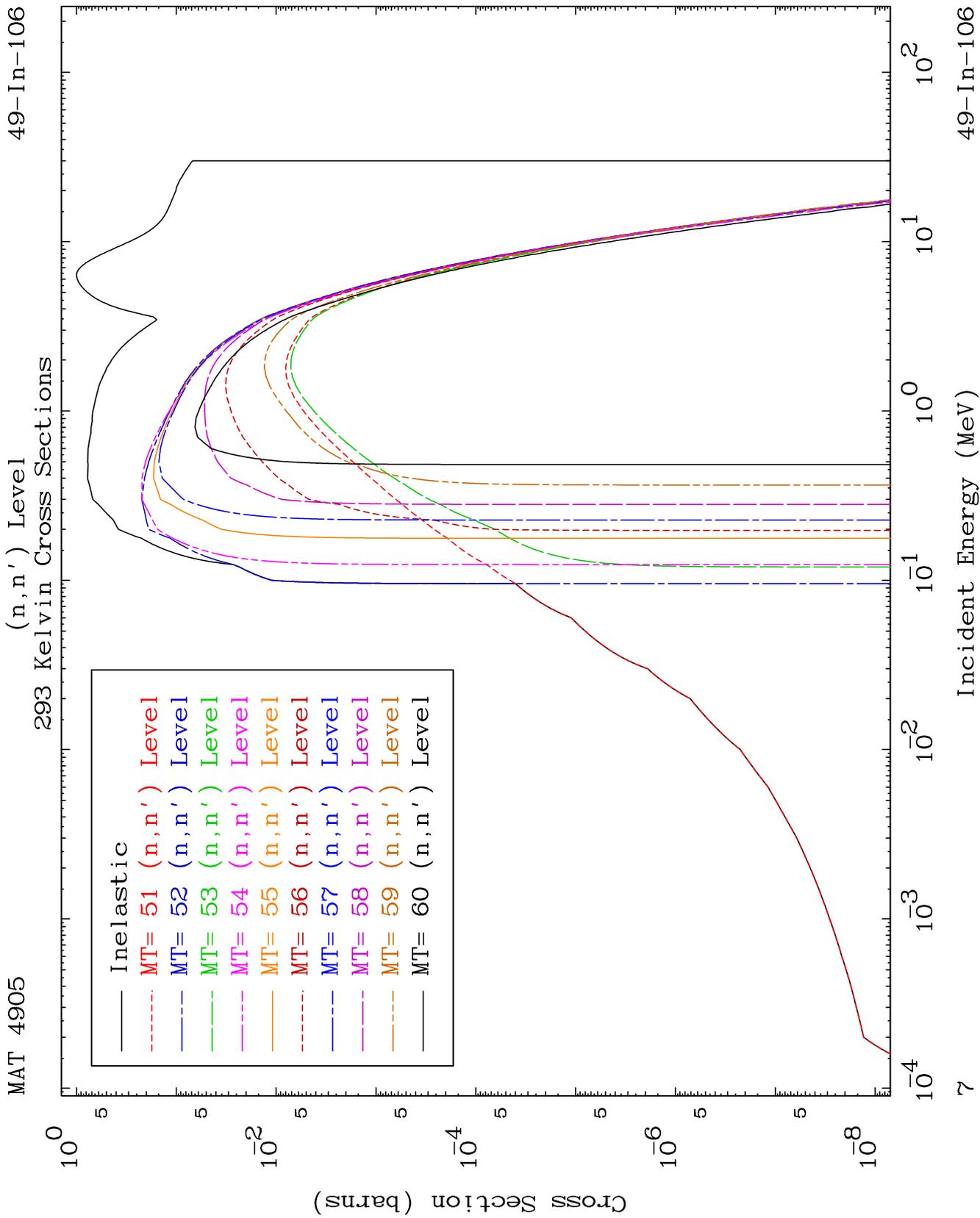
5

MAT 4905

Particle Production  
293 Kelvin Cross Sections

49-In-106



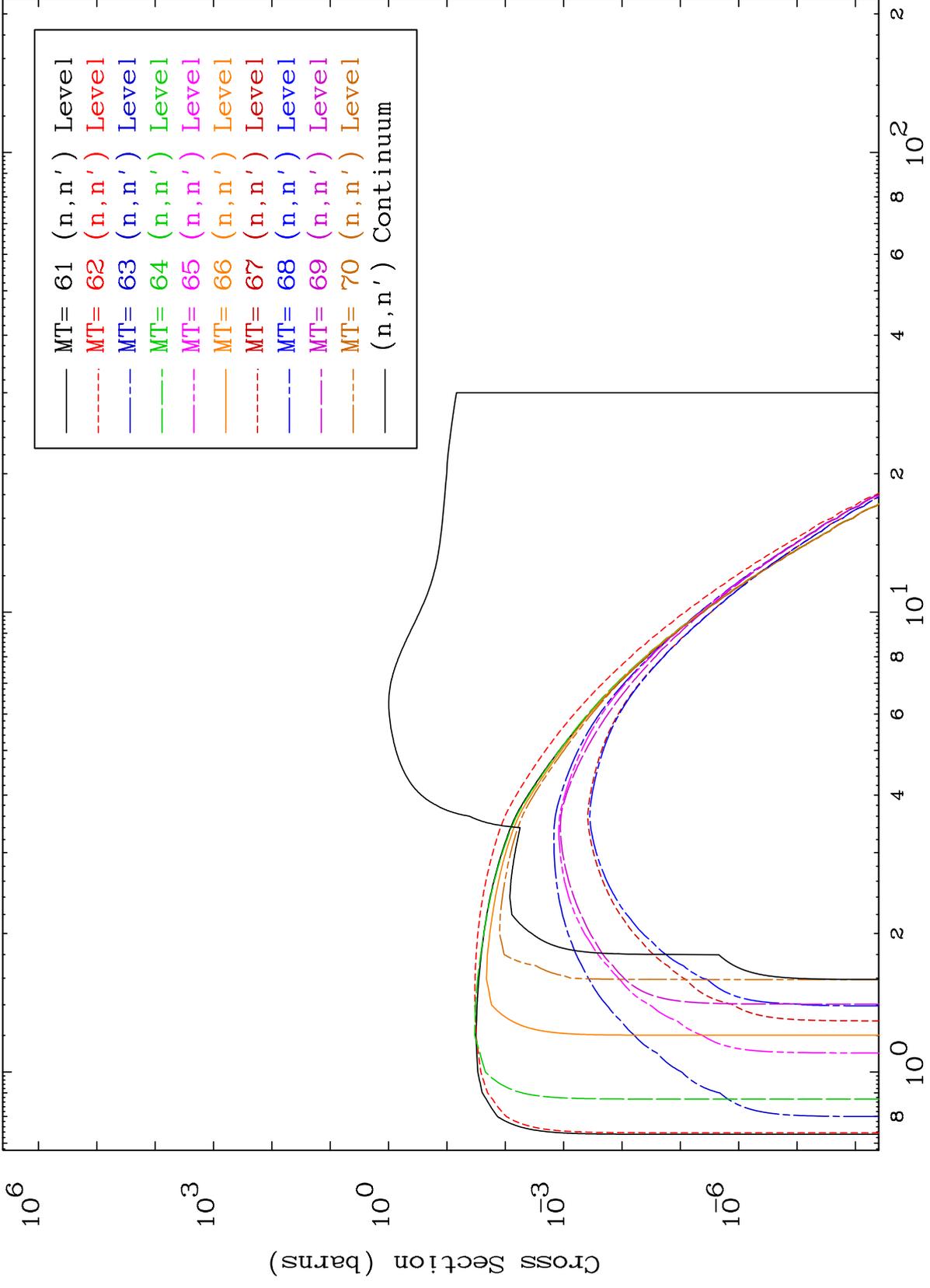


MAT 4905

(n,n') Level

49-In-106

293 Kelvin Cross Sections



Incident Energy (MeV)

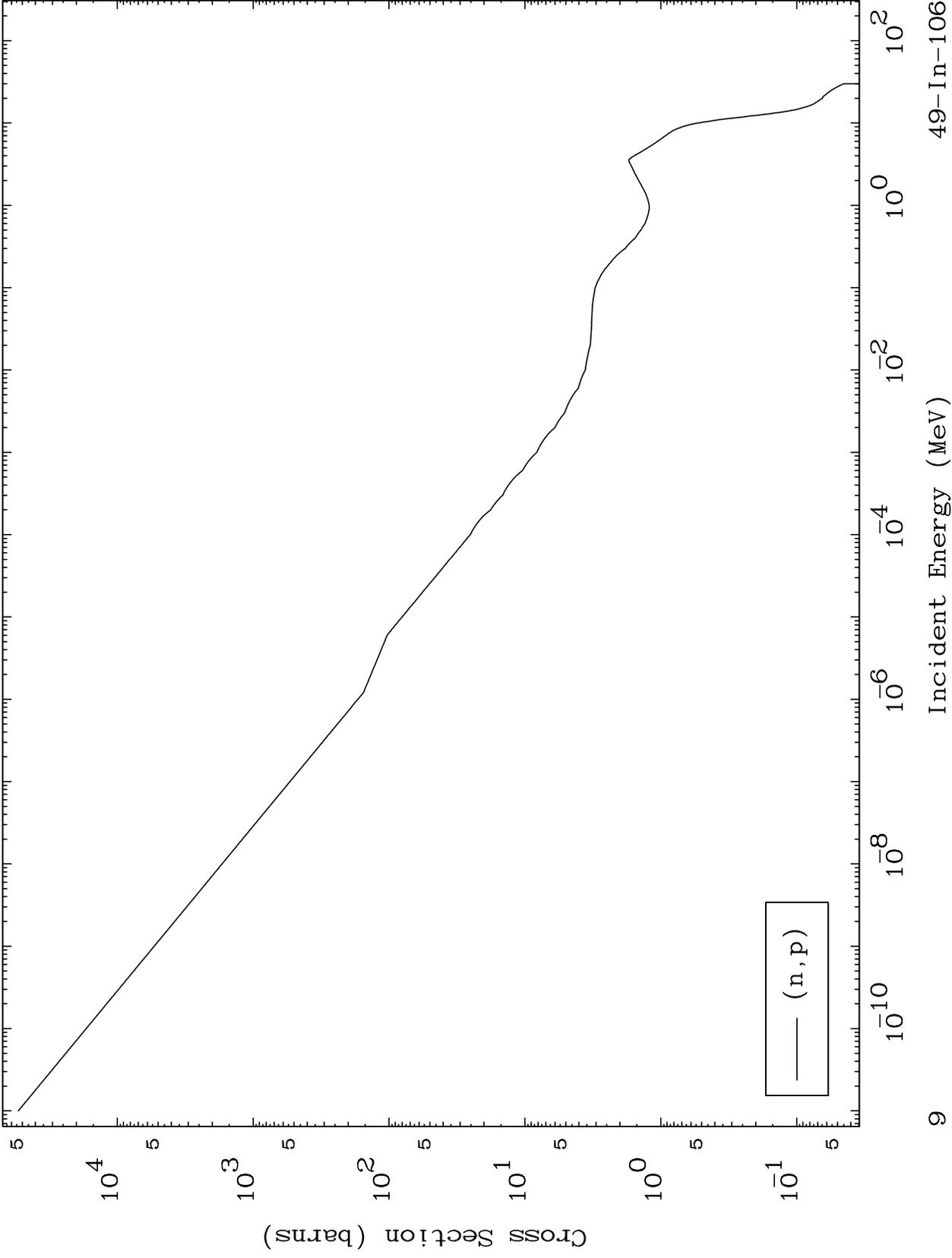
49-In-106

8

MAT 4905

(n,p) Levels  
293 Kelvin Cross Sections

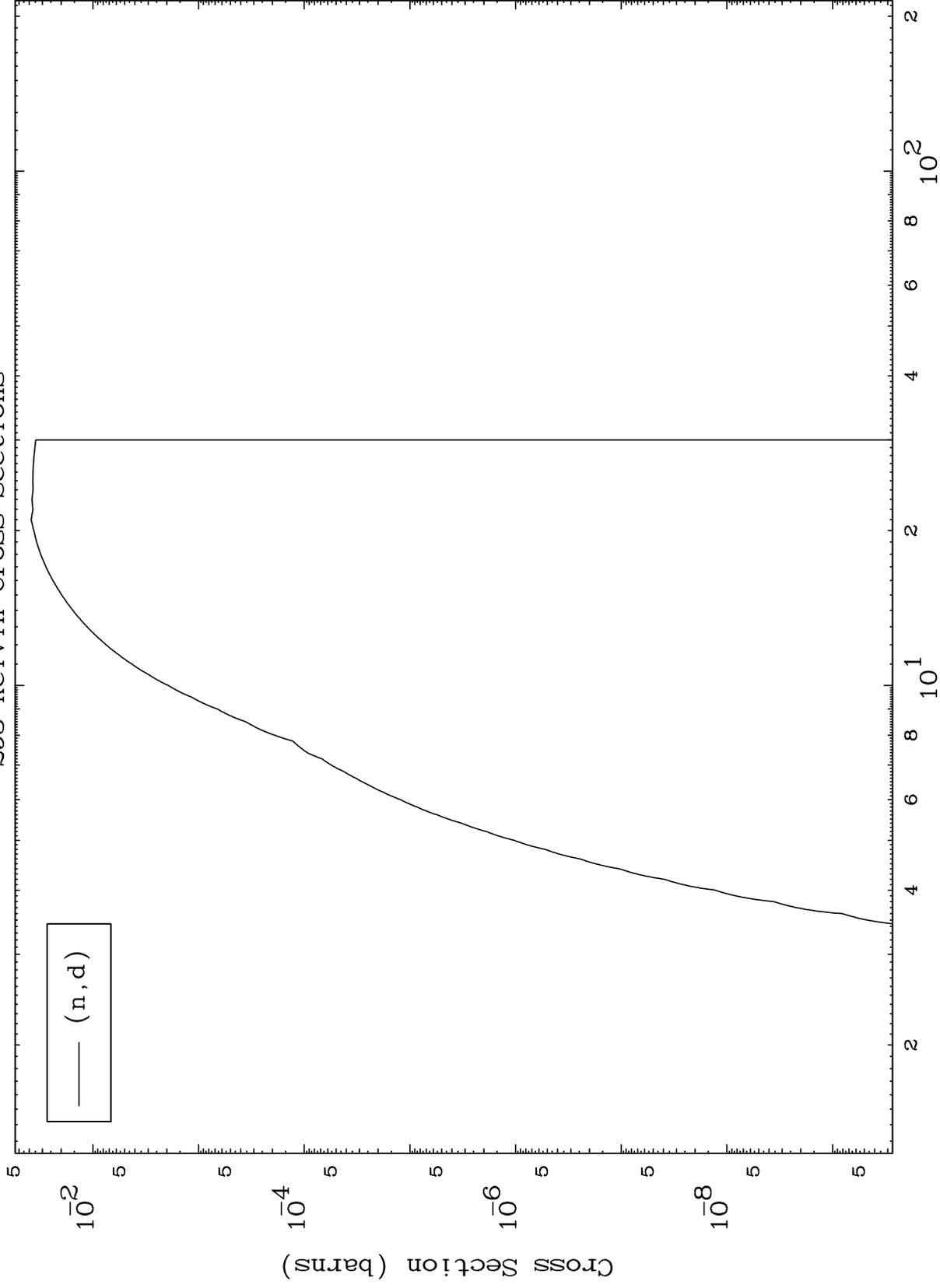
49-In-106



MAT 4905

(n,d) Levels  
293 Kelvin Cross Sections

49-In-106



10

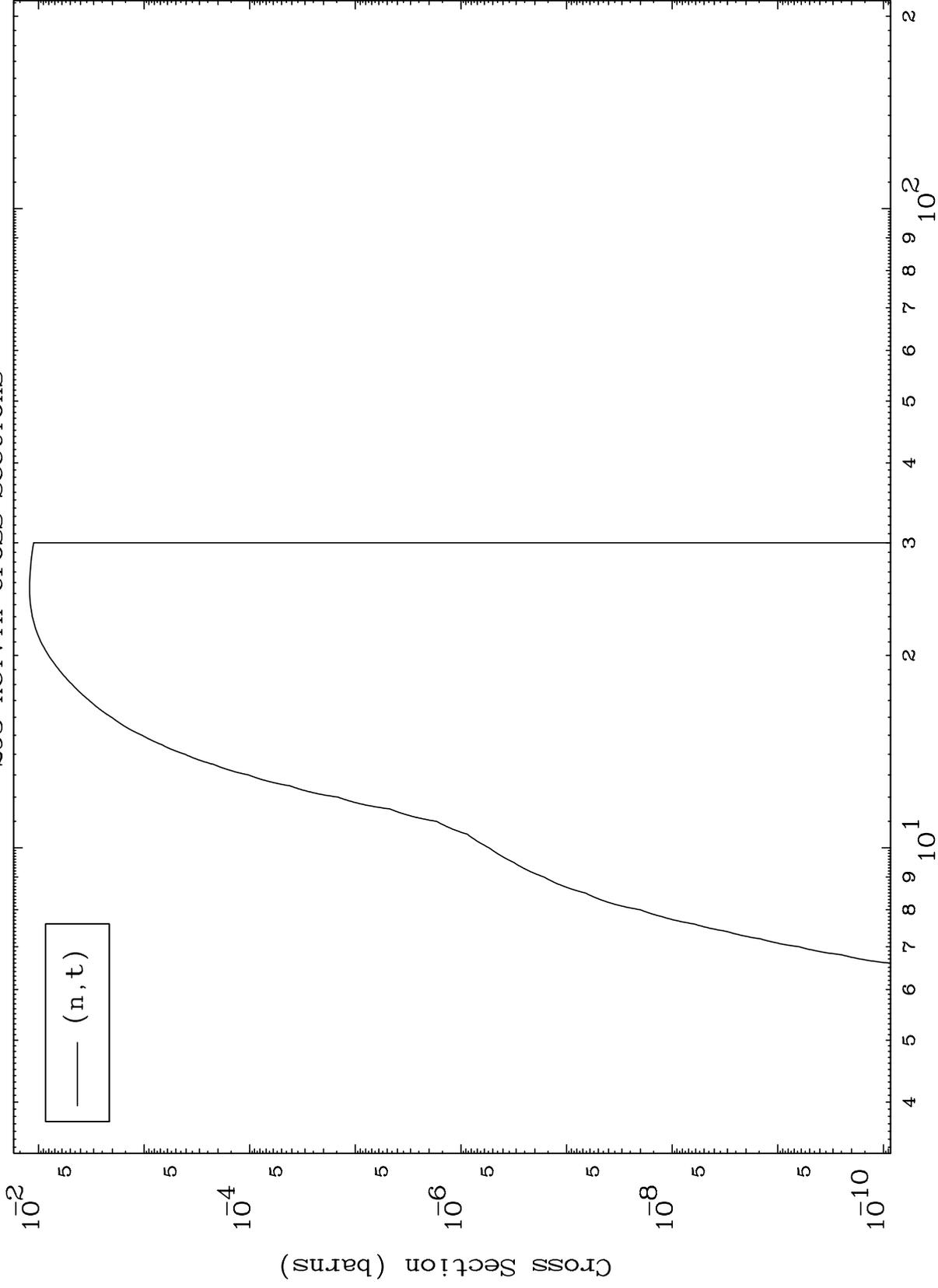
Incident Energy (MeV)

49-In-106

MAT 4905

(n,t) Levels  
293 Kelvin Cross Sections

49-In-106



11

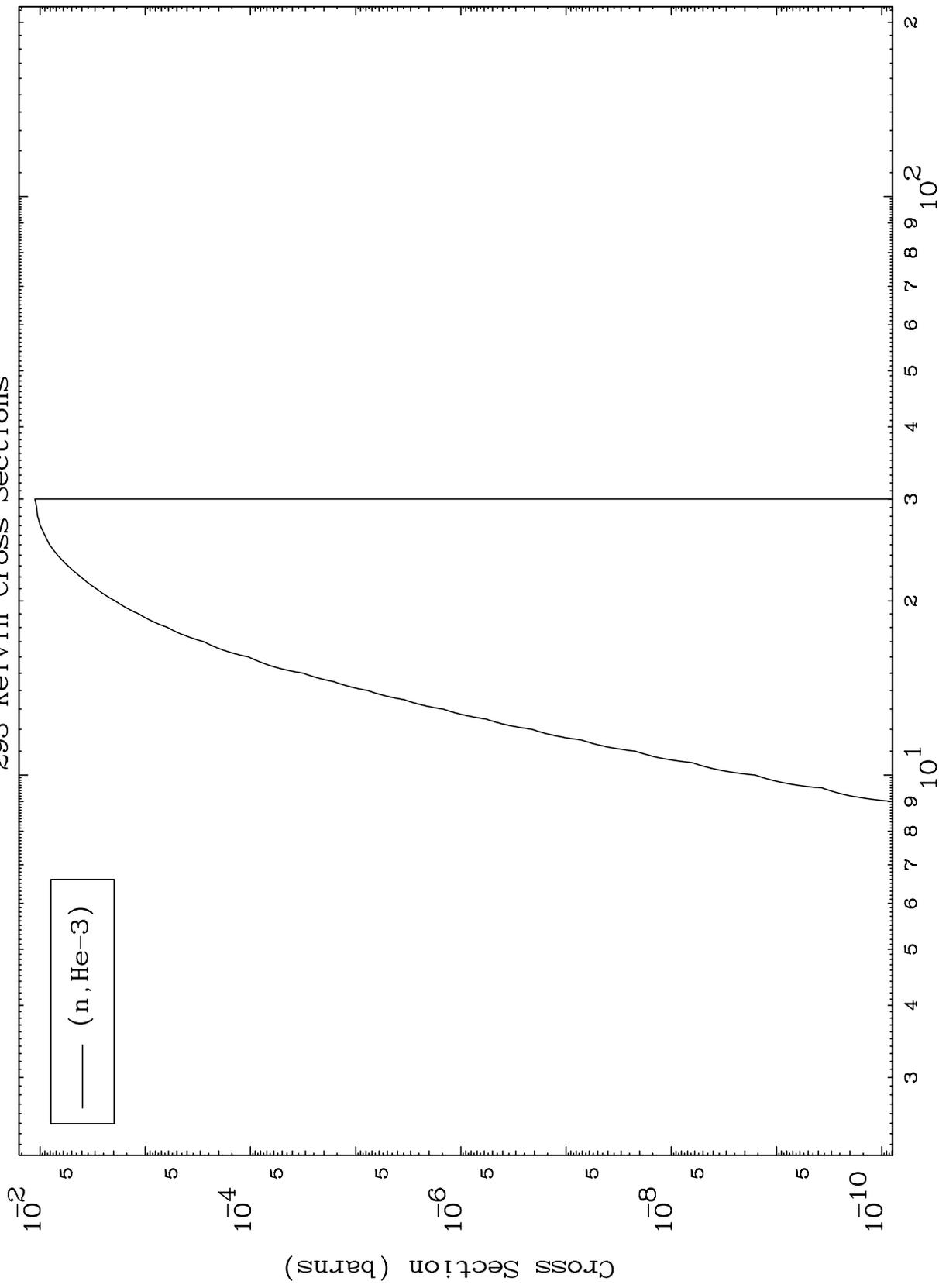
Incident Energy (MeV)

49-In-106

MAT 4905

49-In-106

(n,He3) Levels  
293 Kelvin Cross Sections



12

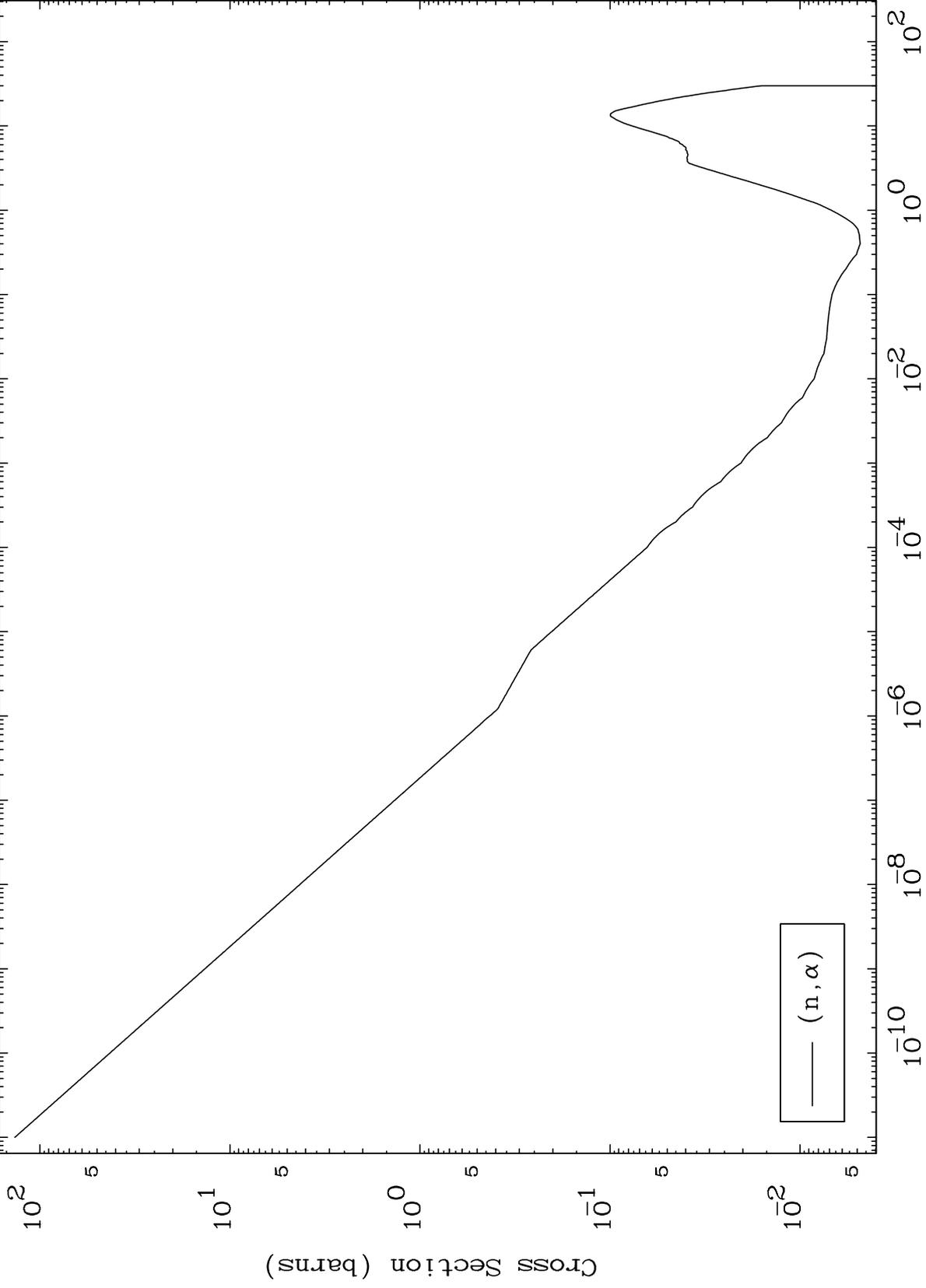
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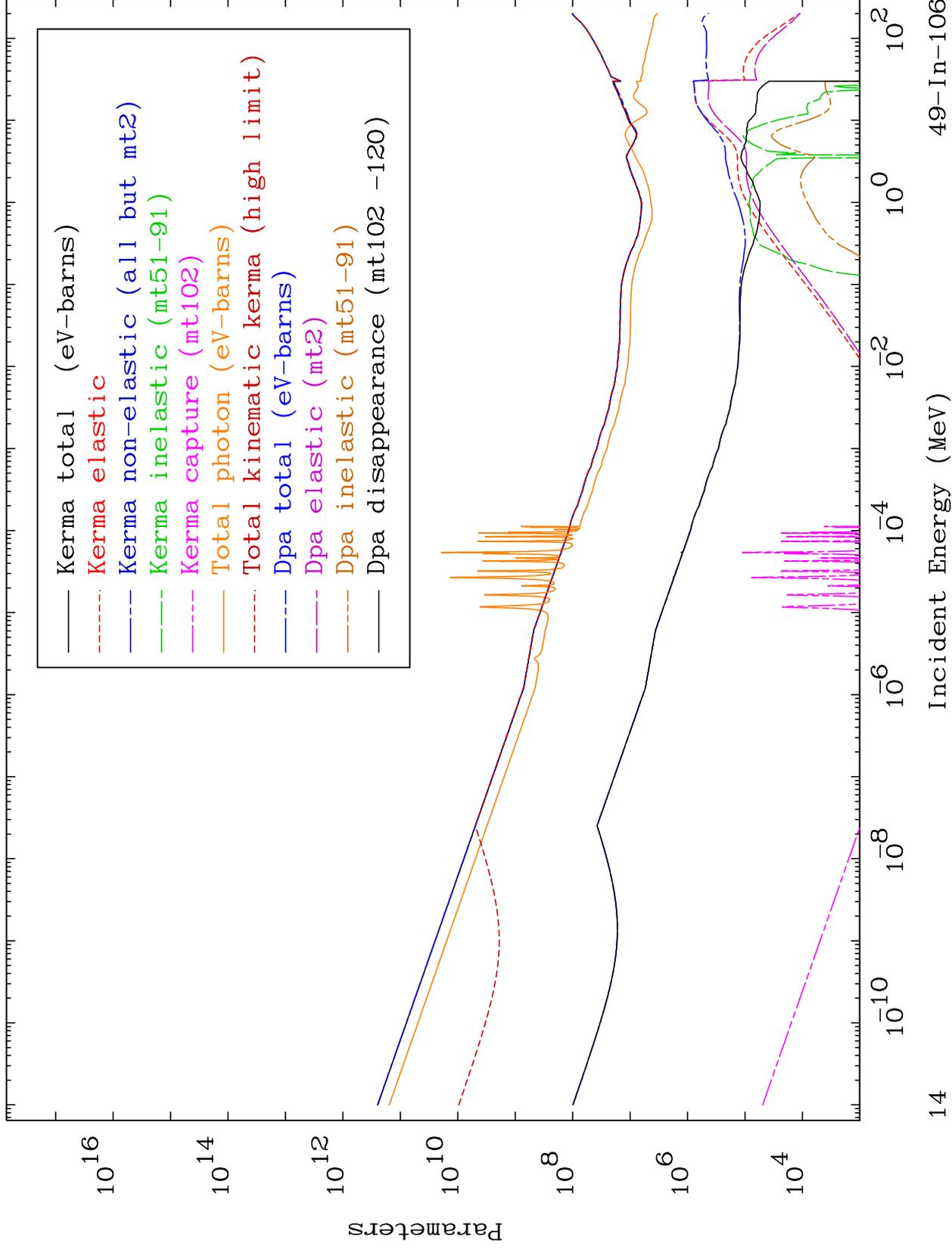
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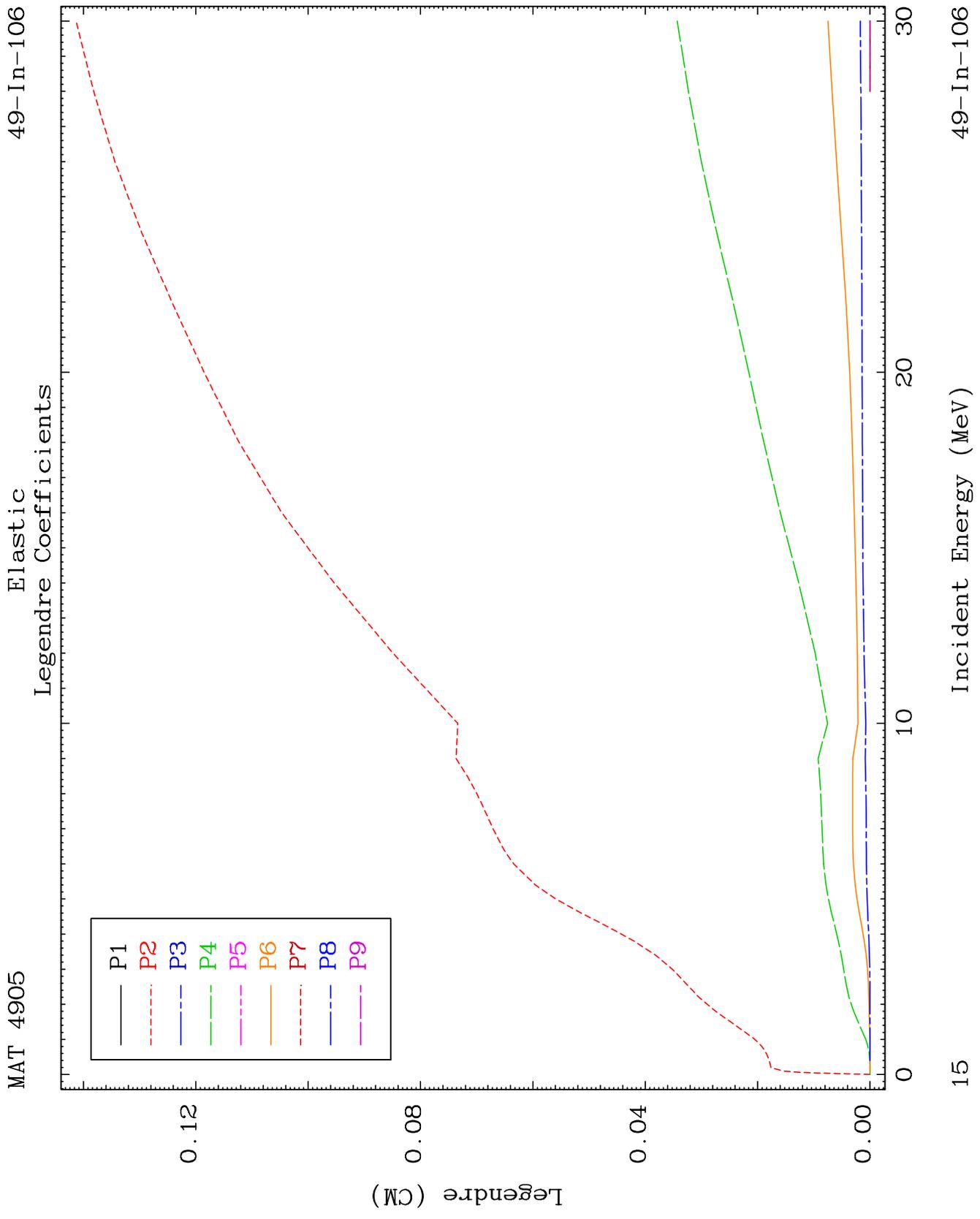
MAT 4905

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

49-In-106



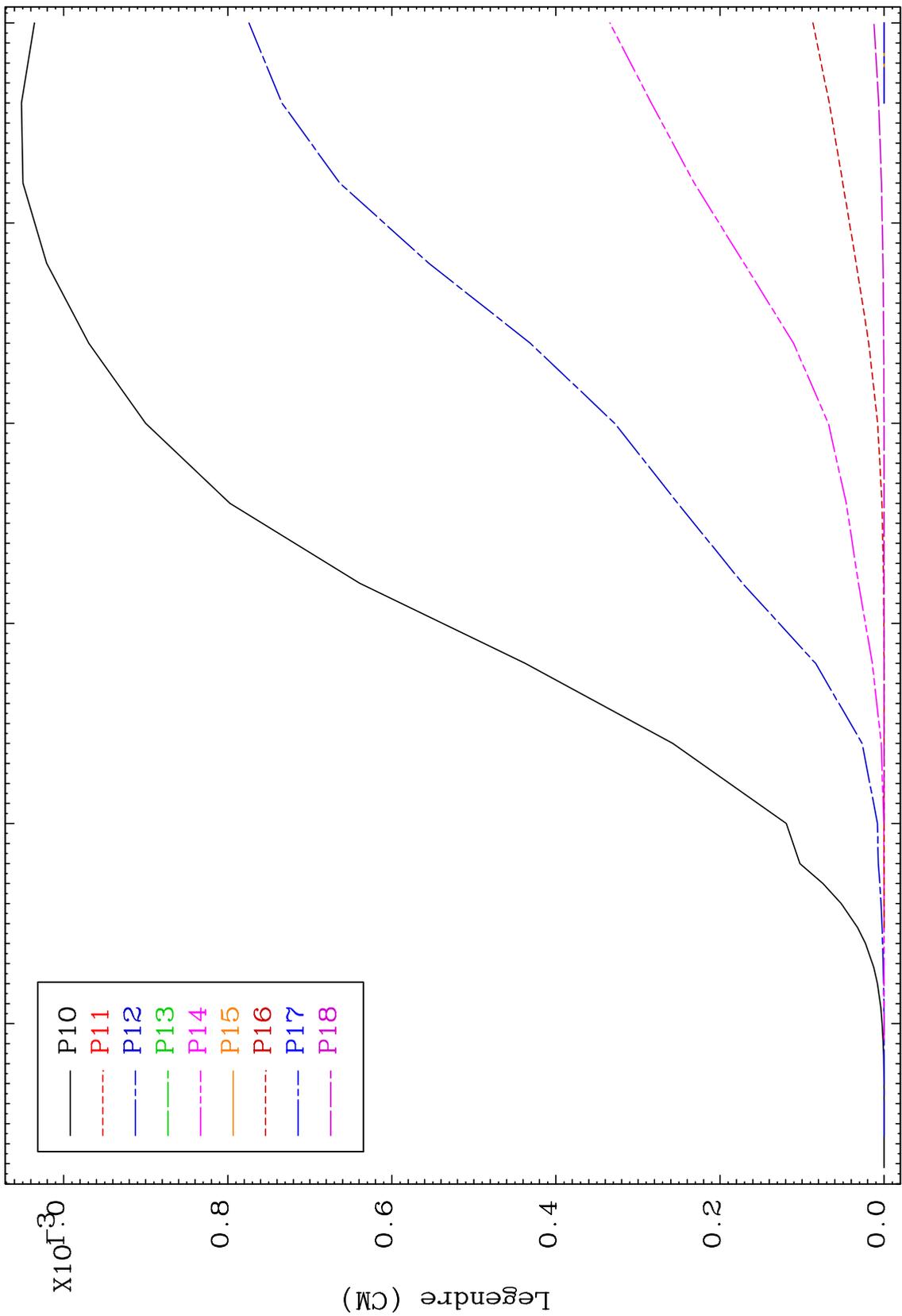




MAT 4905

Elastic Legendre Coefficients

49-In-106



16

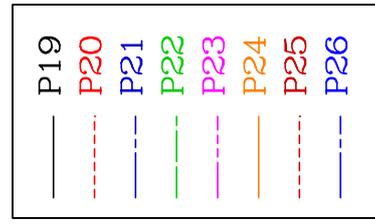
49-In-106

Incident Energy (MeV)

MAT 4905

Elastic  
Legendre Coefficients

49-In-106



$\times 10^{-7}$

Legendre (CM)



17

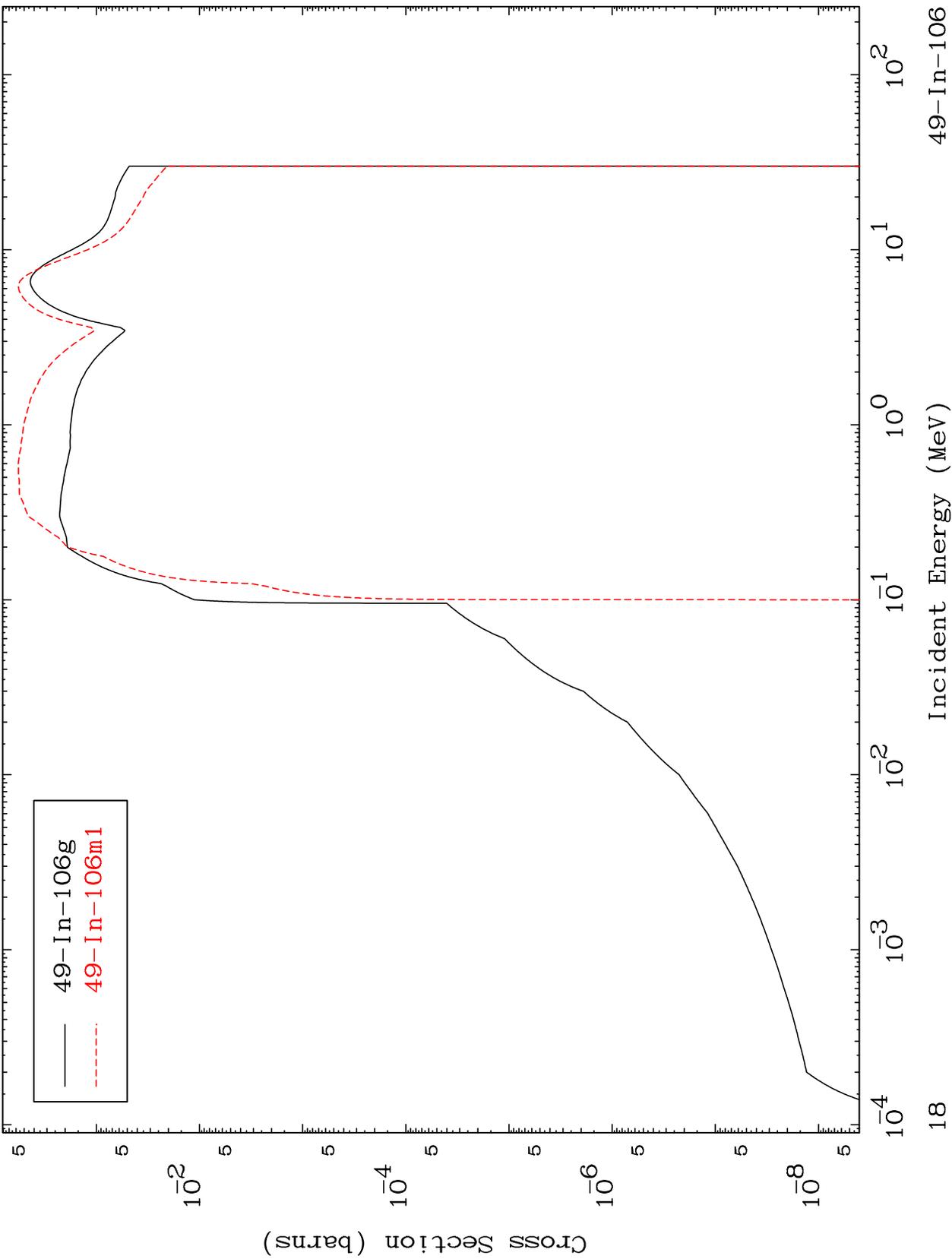
Incident Energy (MeV)

49-In-106

MAT 4905

49-In-106

Inelastic  
Radionuclide Production Cross Section



18

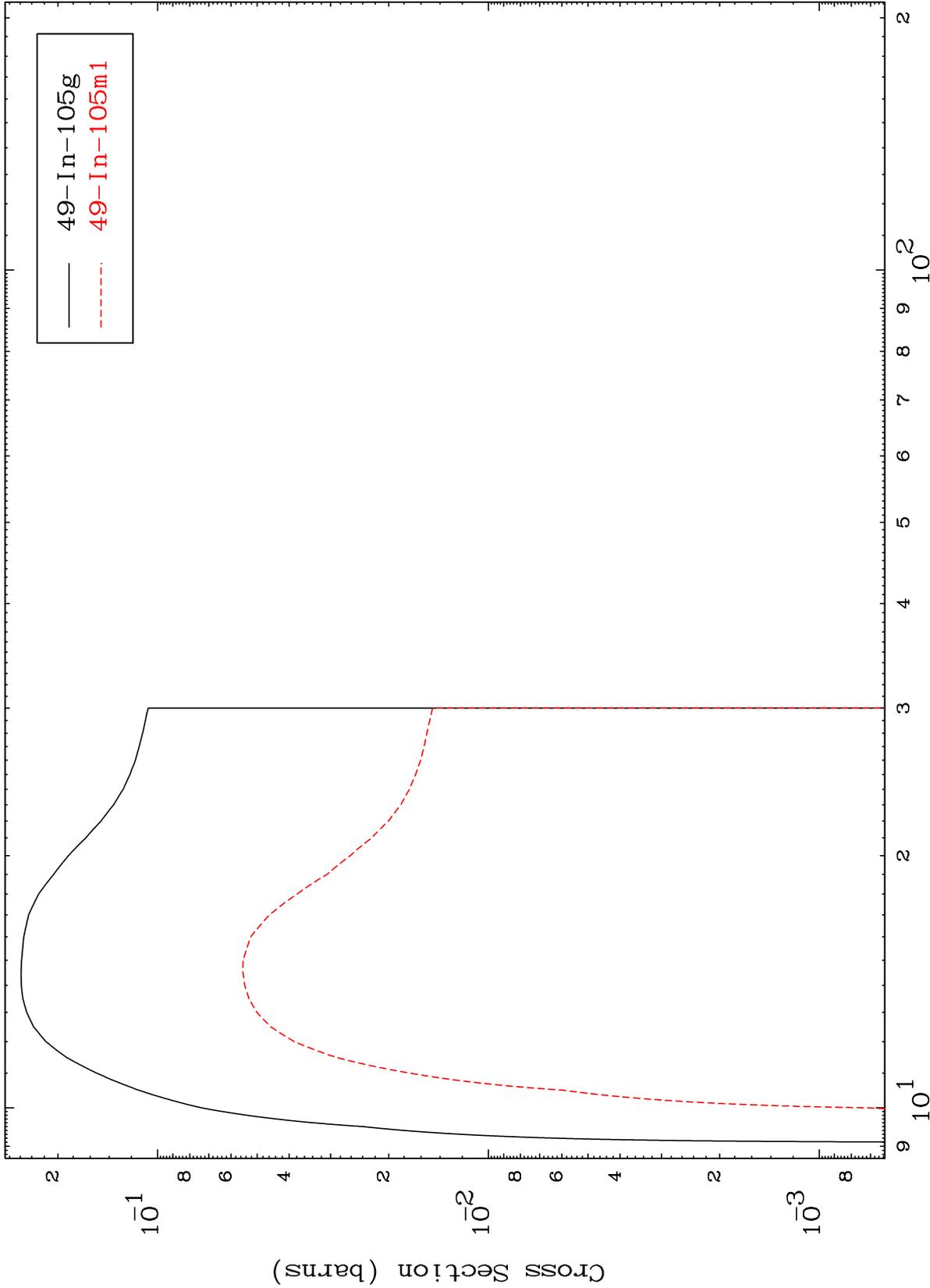
49-In-106

MAT 4905

(n,2n)

49-In-106

Radionuclide Production Cross Section



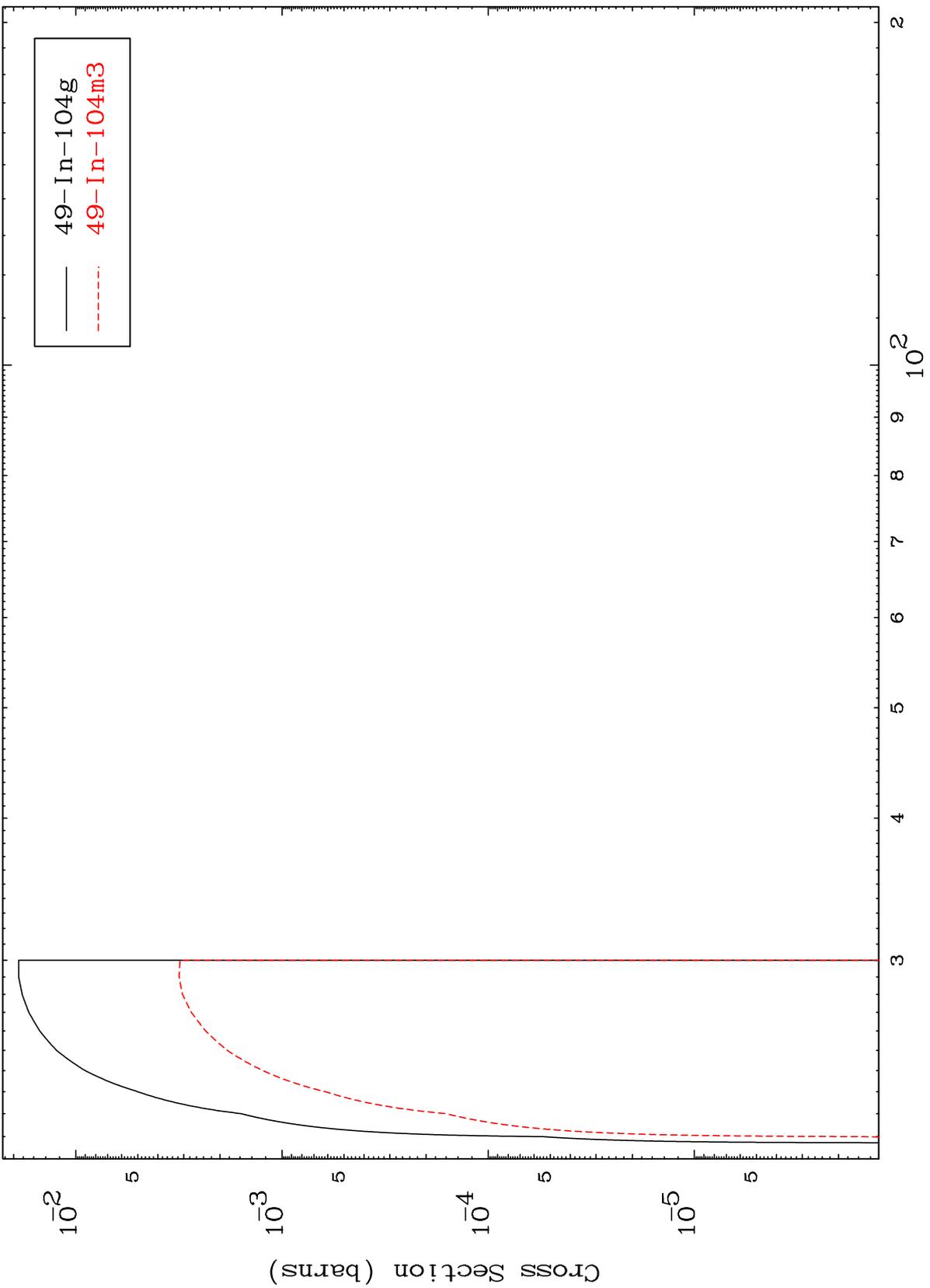
Incident Energy (MeV)

49-In-106

MAT 4905

49-In-106

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

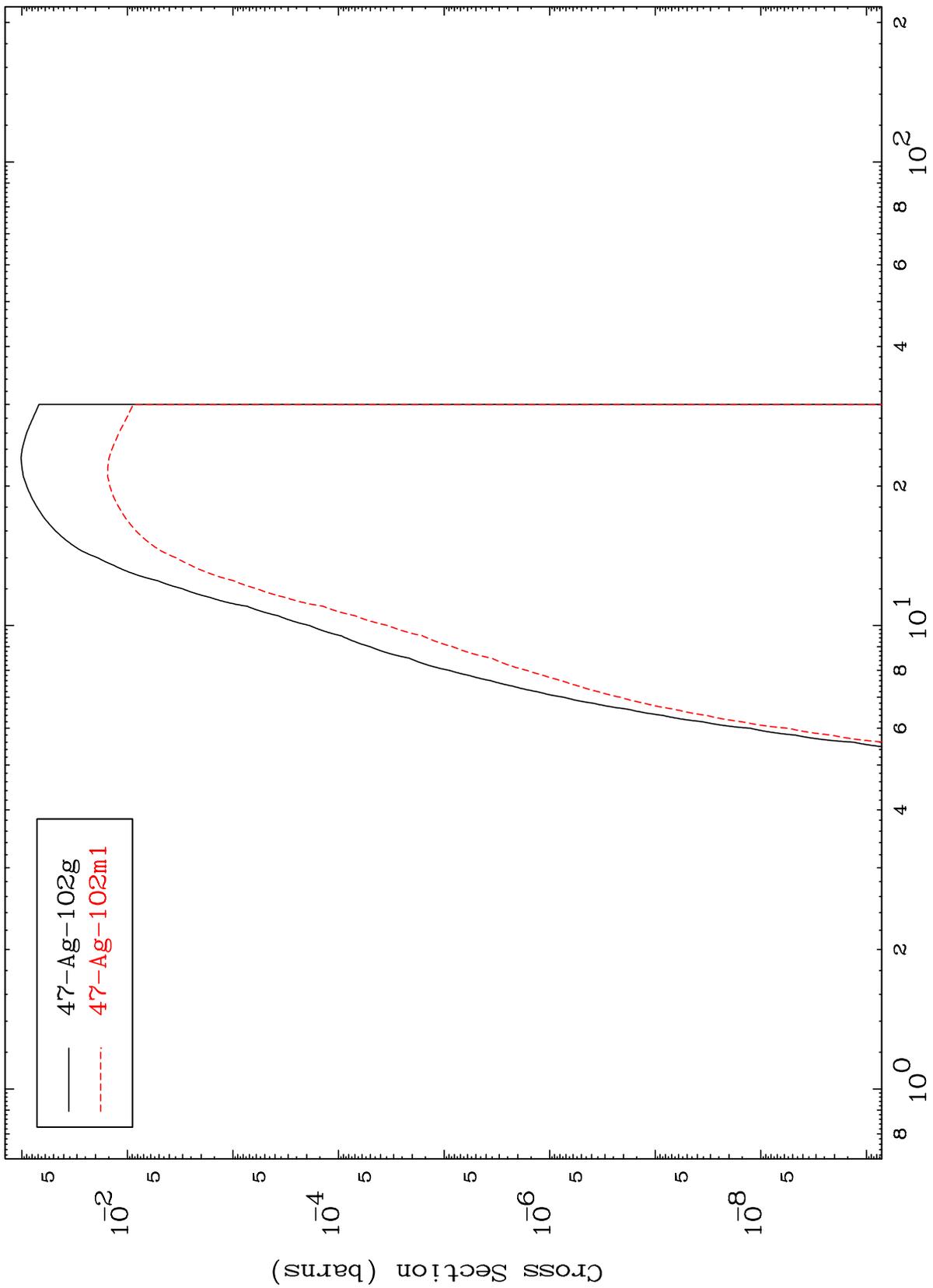
49-In-106

MAT 4905

(n,n')  $\alpha$

49-In-106

Radionuclide Production Cross Section



21

Incident Energy (MeV)

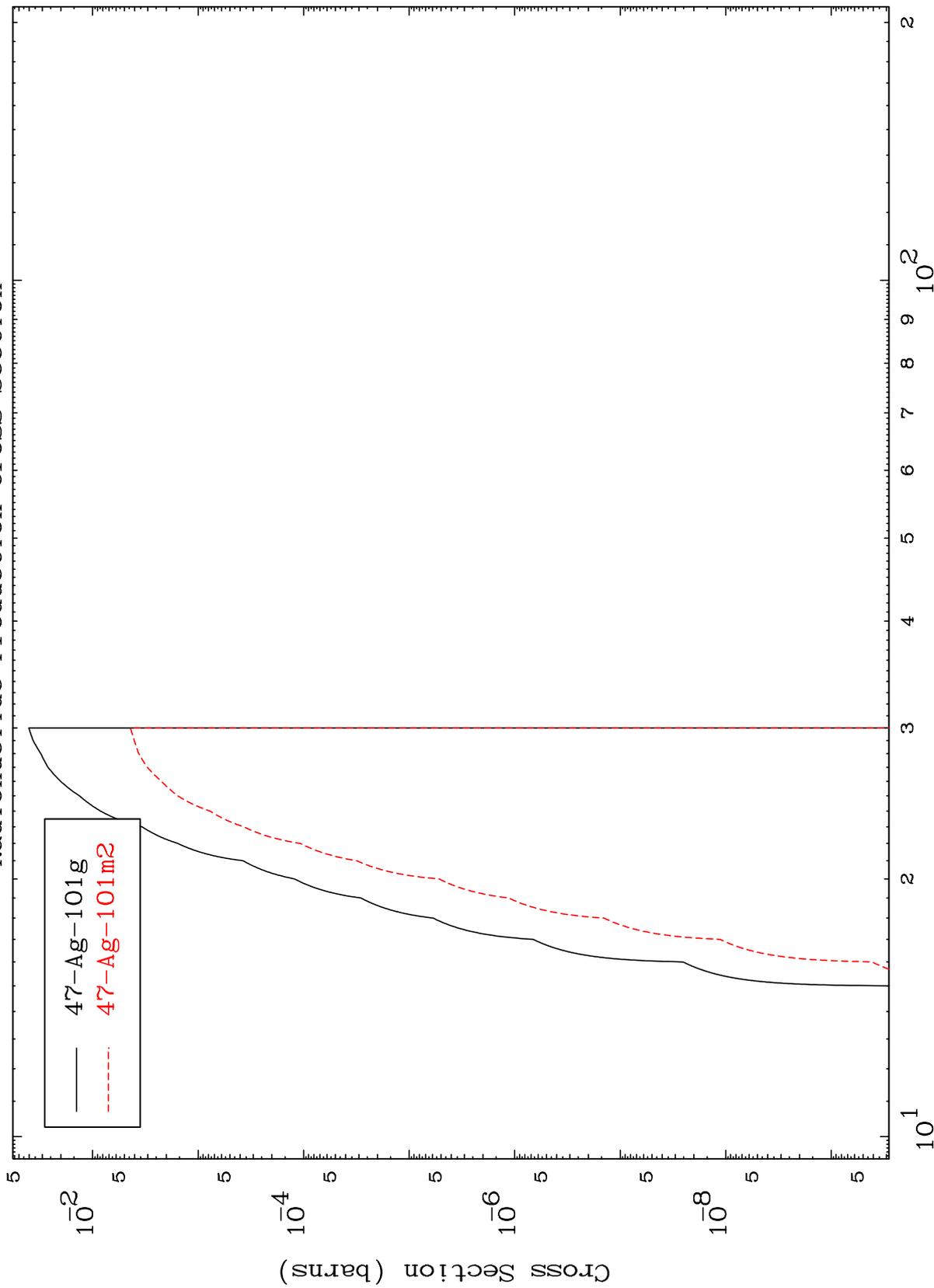
49-In-106

MAT 4905

(n,2n)  $\alpha$

49-In-106

Radionuclide Production Cross Section



22

Incident Energy (MeV)

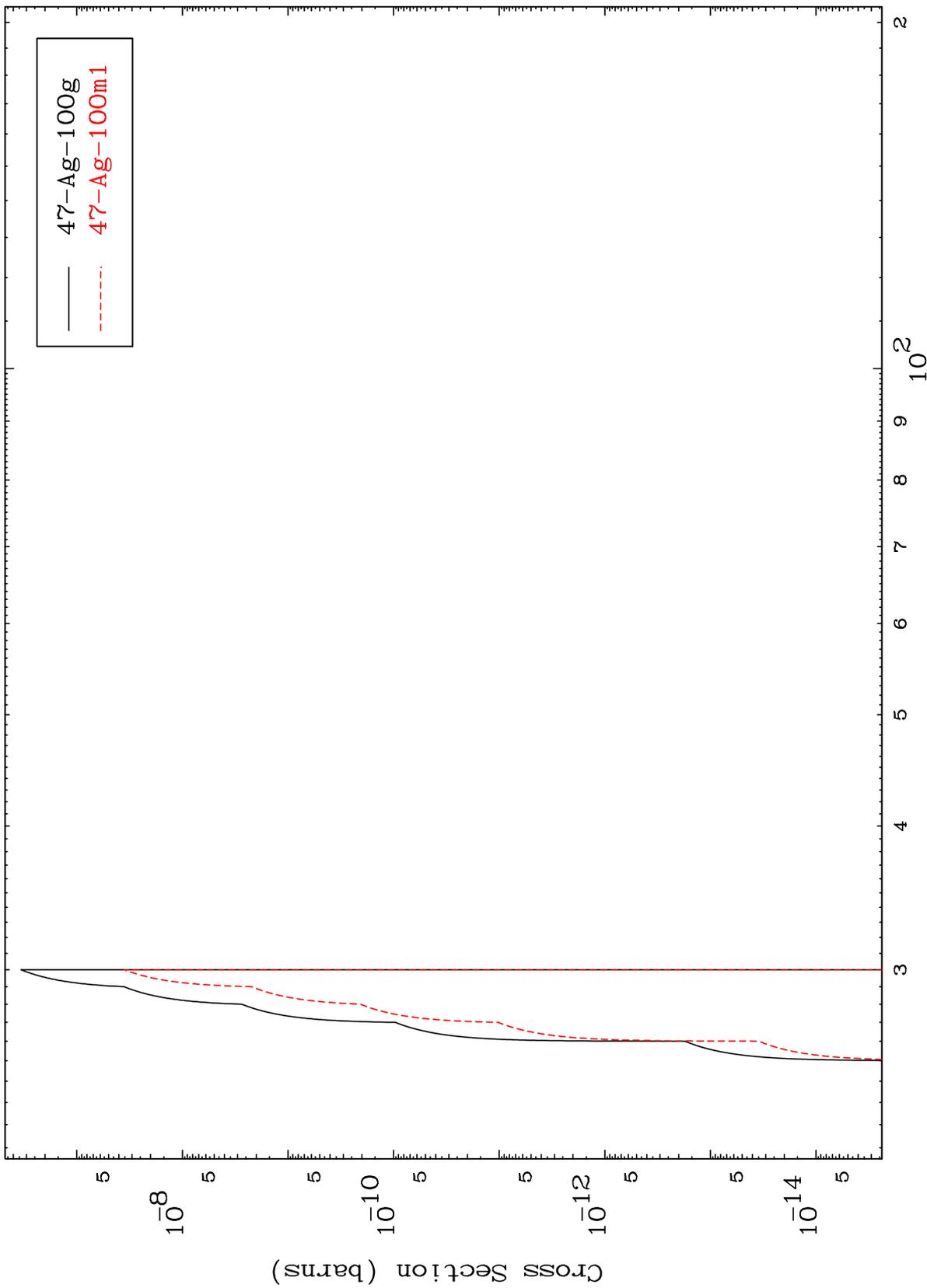
49-In-106

MAT 4905

(n,3n)  $\alpha$

49-In-106

Radionuclide Production Cross Section



23

Incident Energy (MeV)

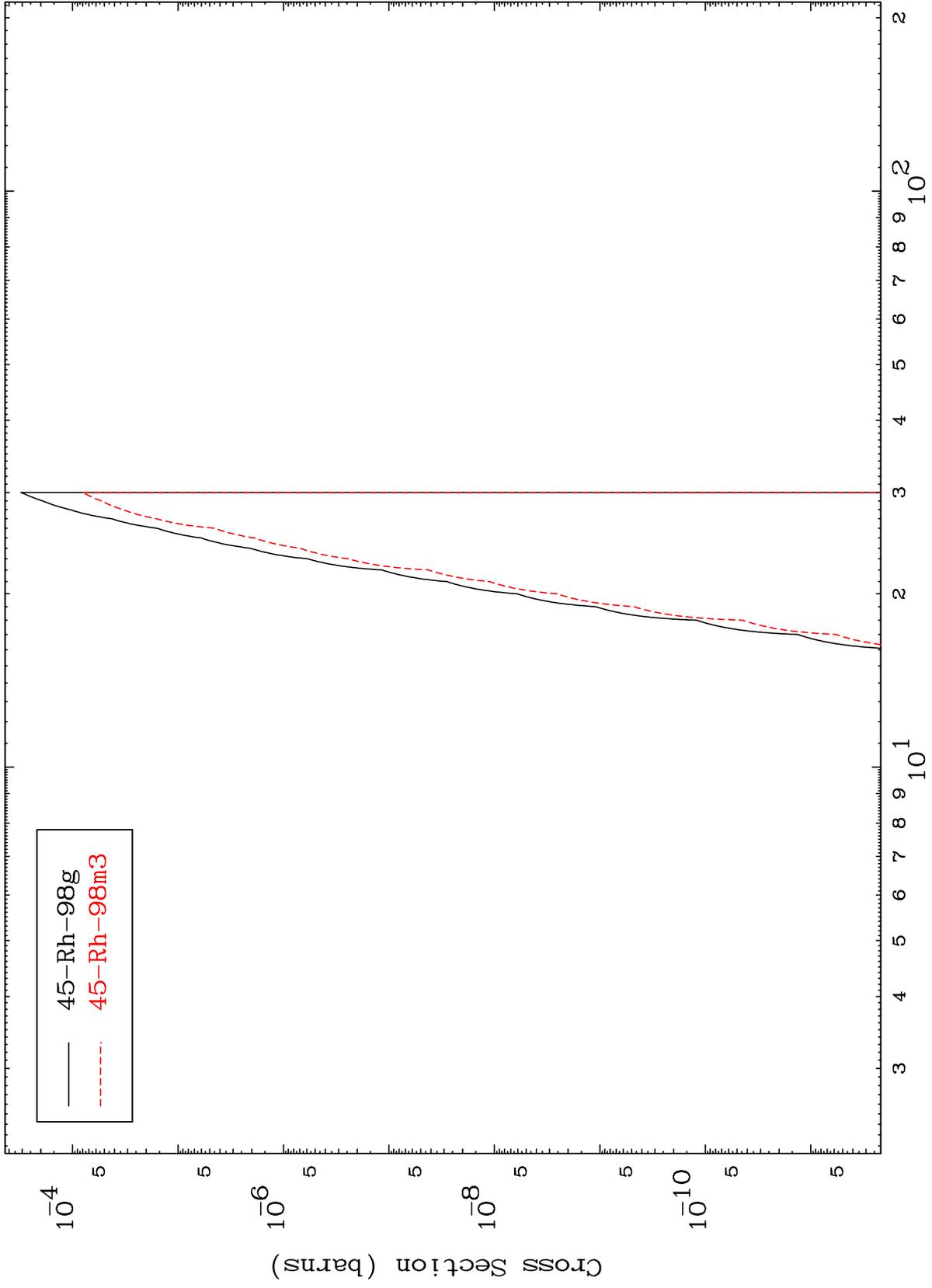
49-In-106

MAT 4905

(n,n') 2α

49-In-106

Radionuclide Production Cross Section



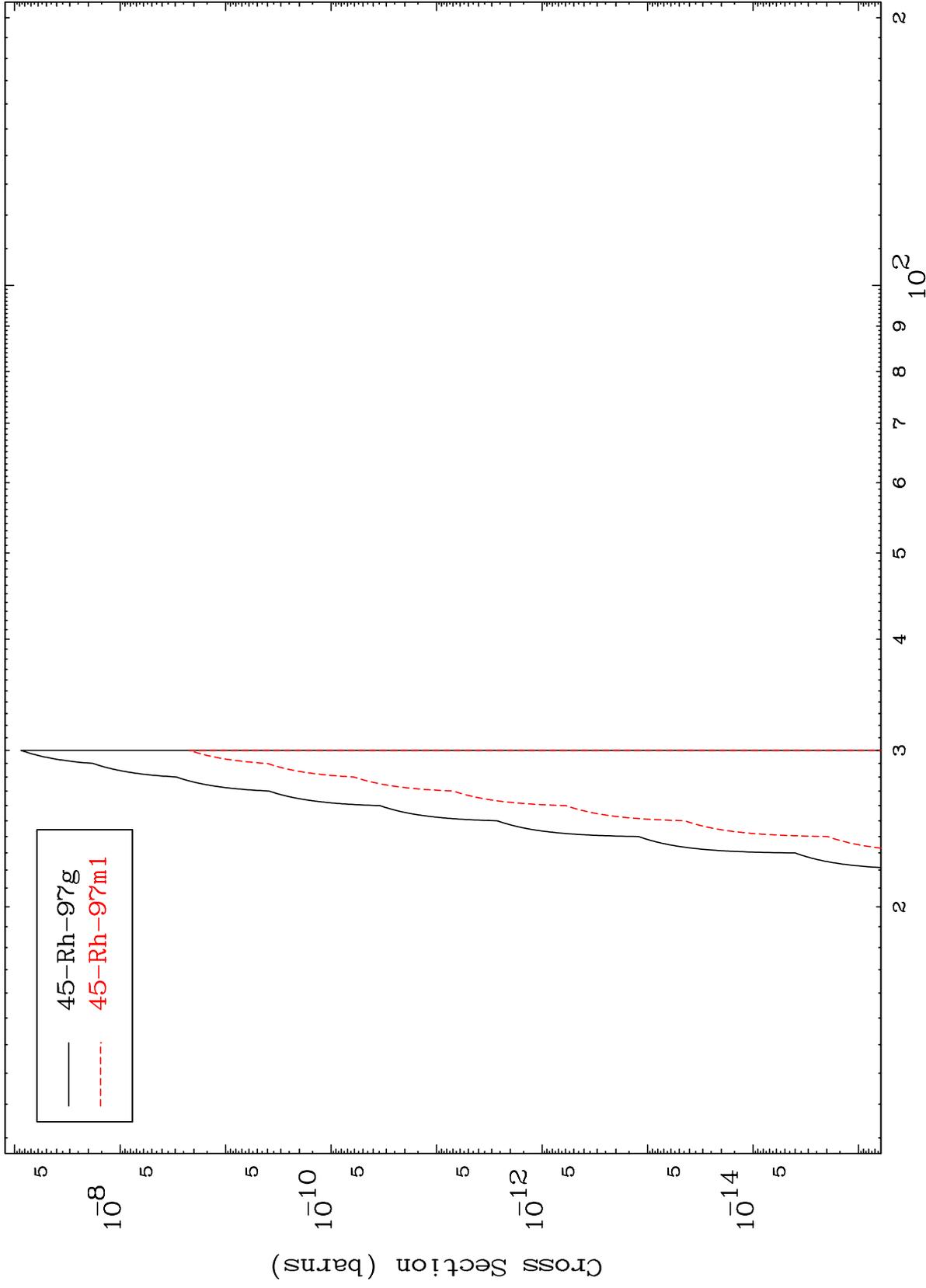
— 45-Rh-98g  
- - - 45-Rh-98m3

MAT 4905

(n,2n) 2α

49-In-106

Radionuclide Production Cross Section



45-Rh-97g  
45-Rh-97m1

Incident Energy (MeV)

49-In-106

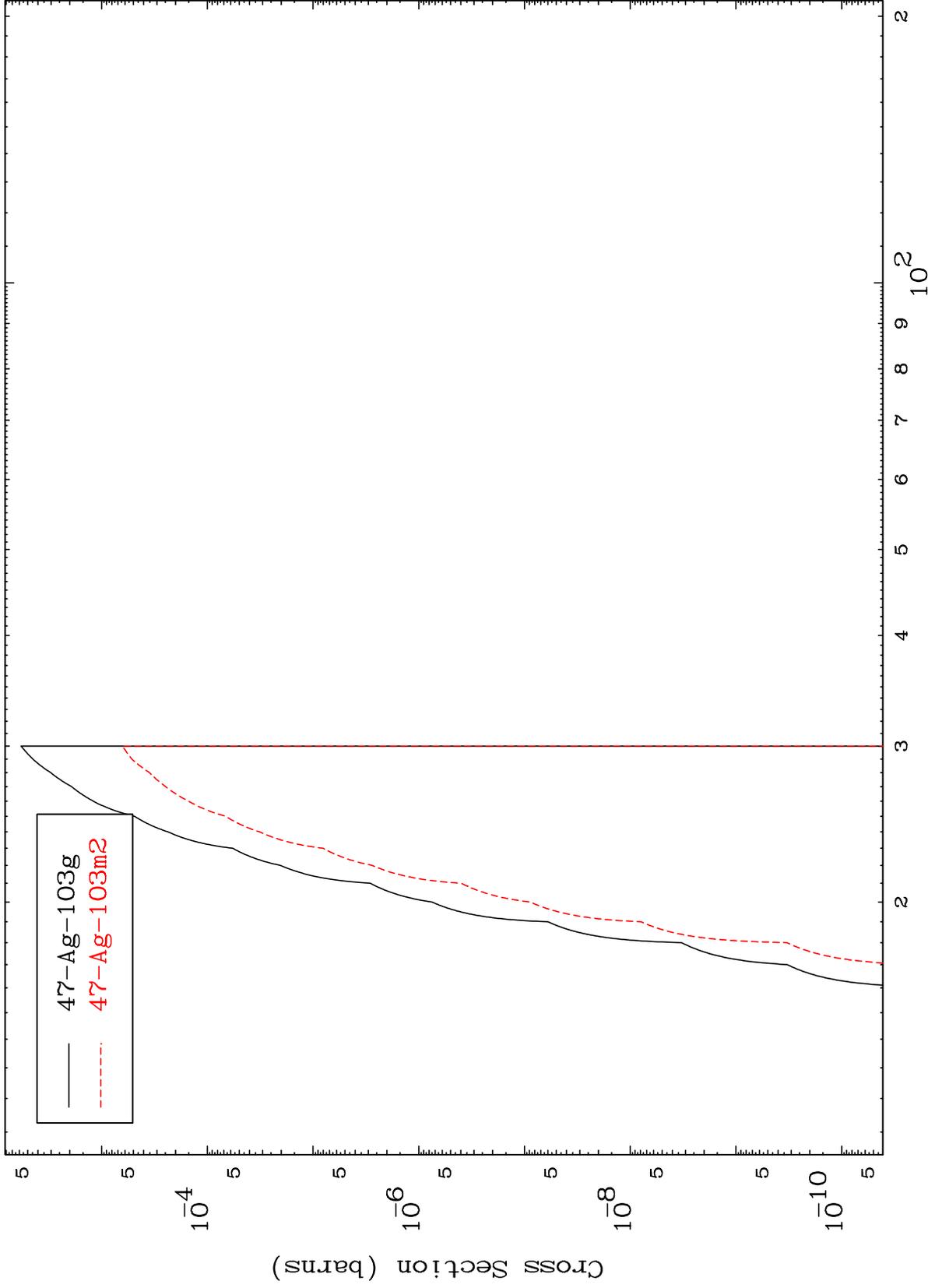
25

MAT 4905

(n,n') He-3

49-In-106

Radionuclide Production Cross Section



26

Incident Energy (MeV)

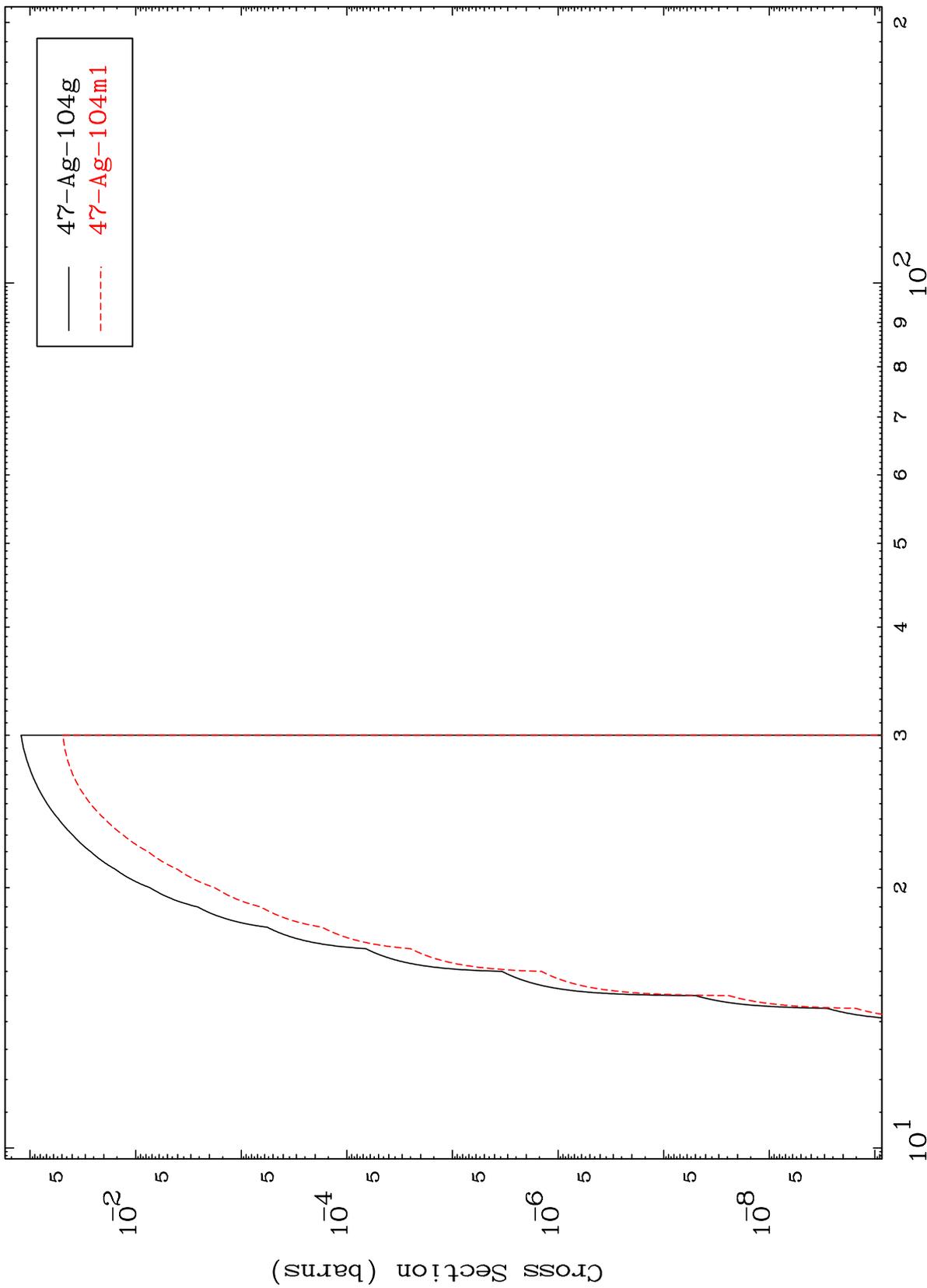
49-In-106

MAT 4905

(n,2n) p

49-In-106

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-106

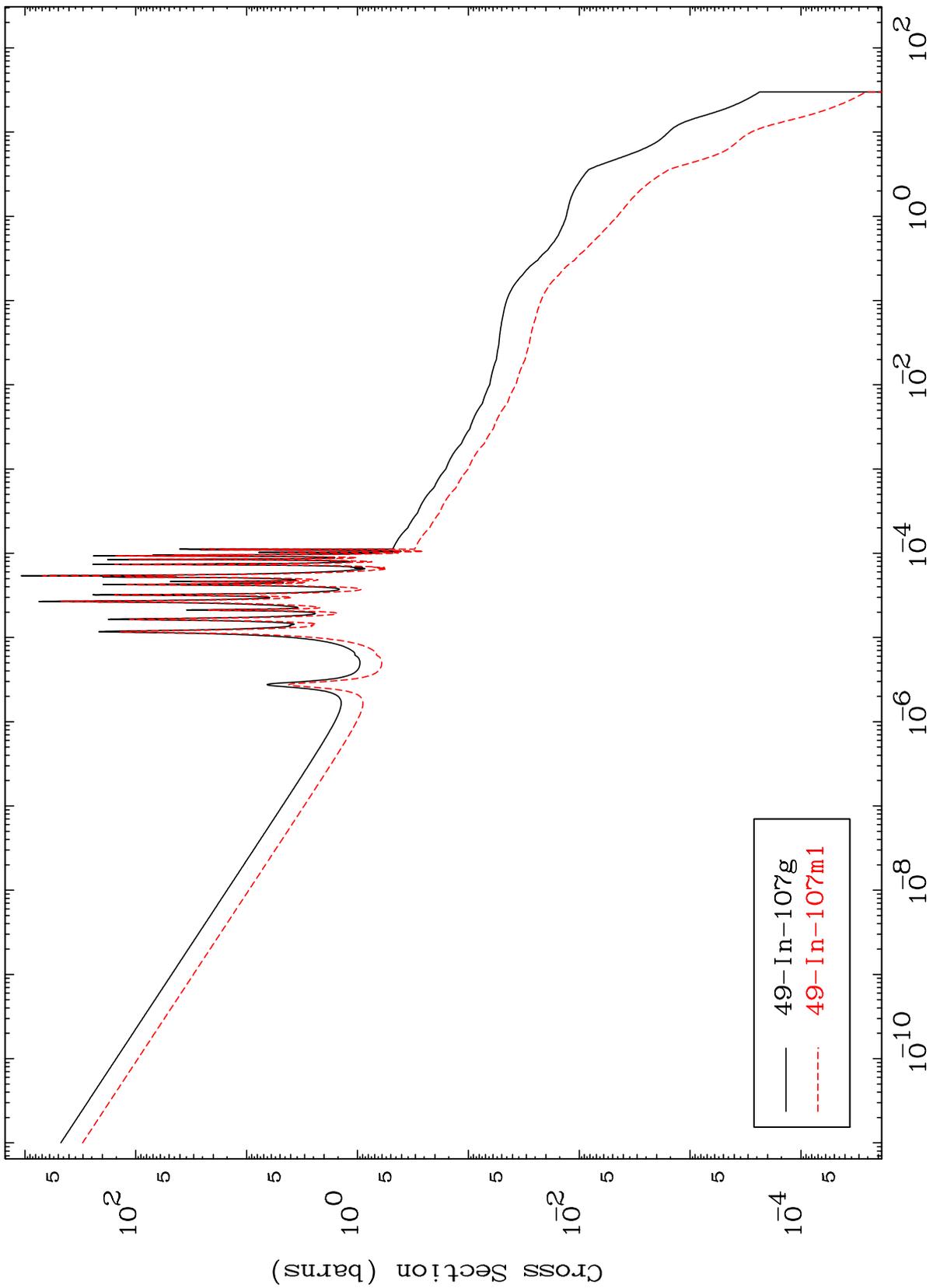
27

MAT 4905

49-In-106

Radionuclide Production Cross Section

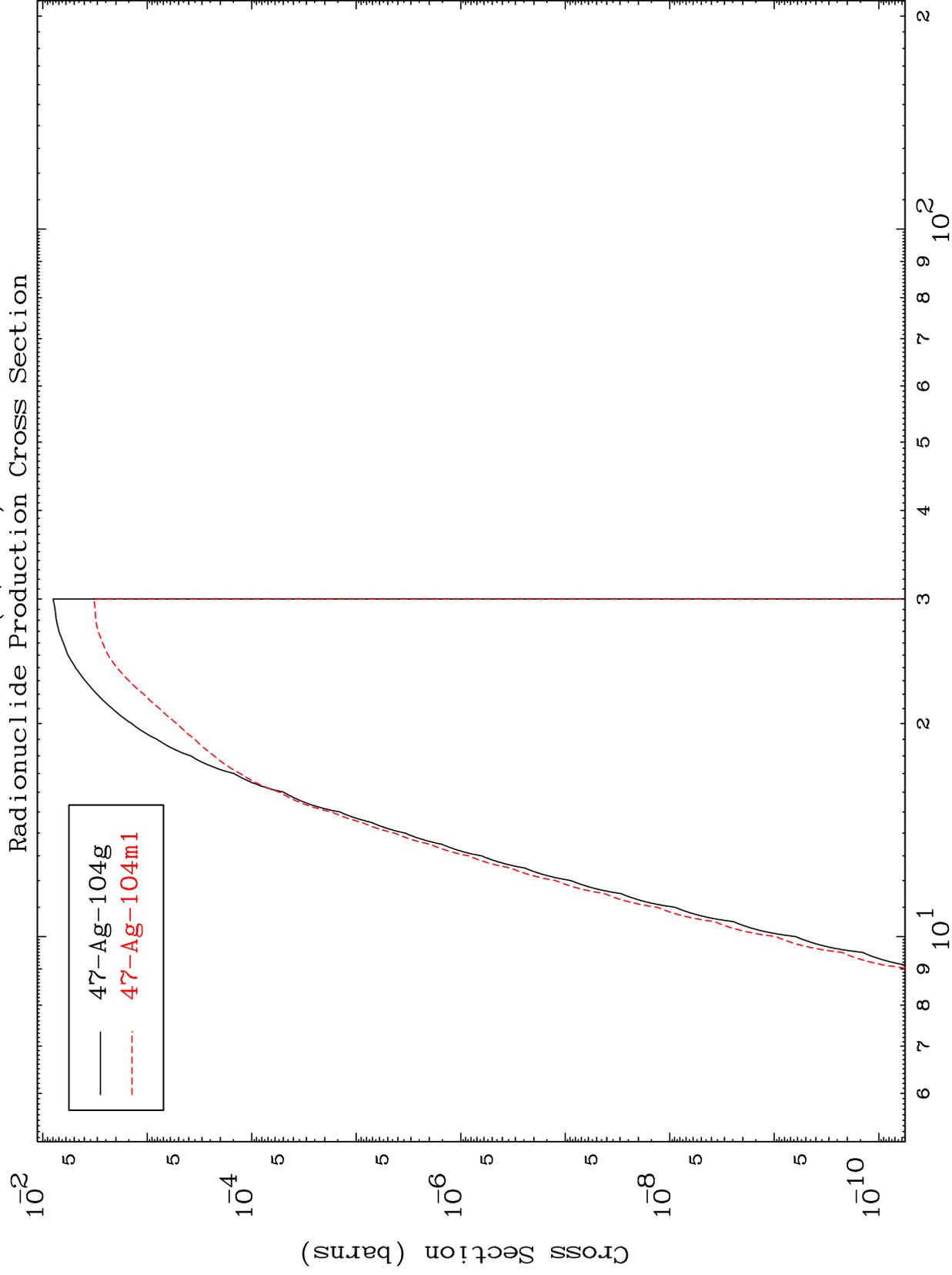
(n,  $\gamma$ )



MAT 4905

(n,He-3)

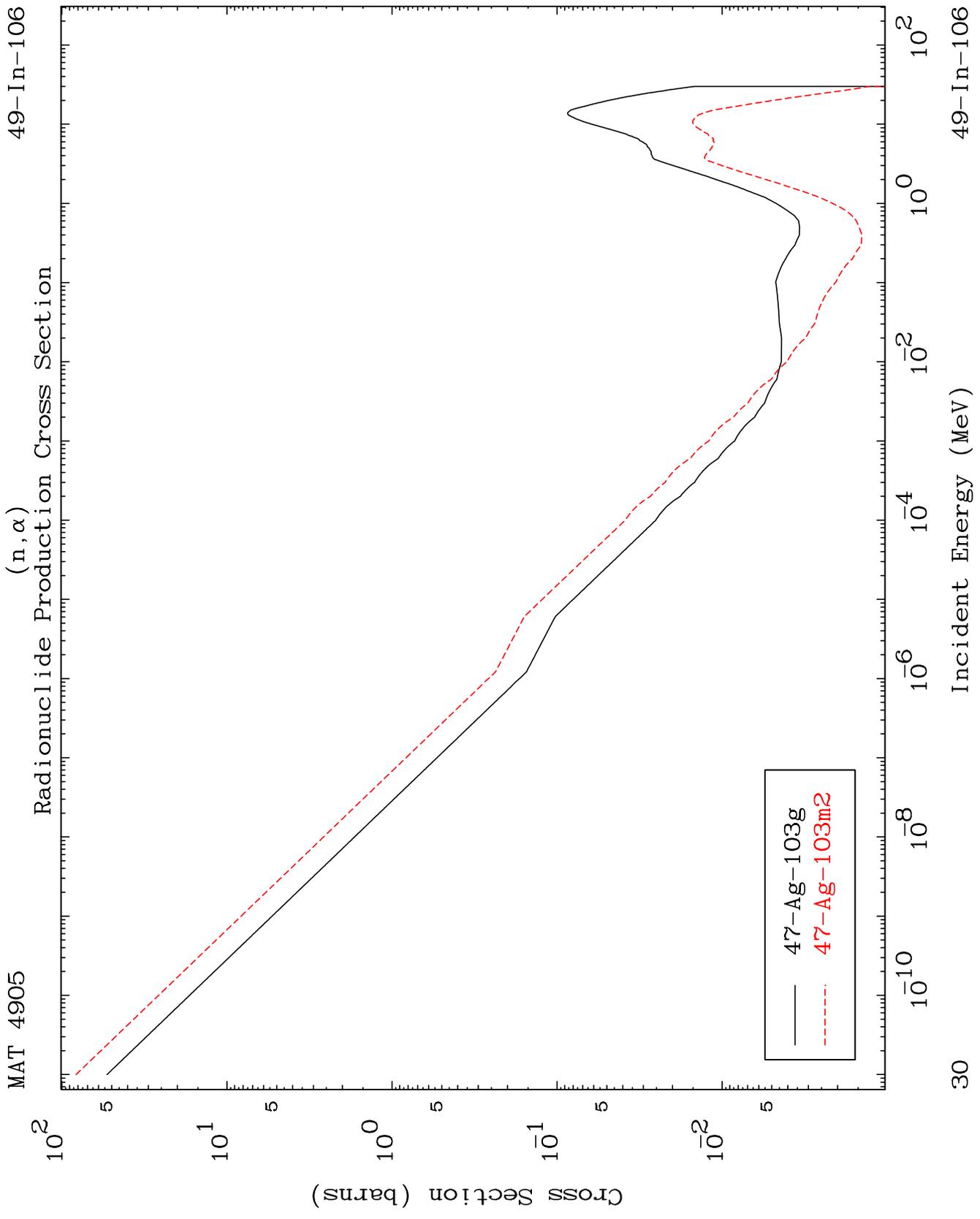
49-In-106



29

Incident Energy (MeV)

49-In-106

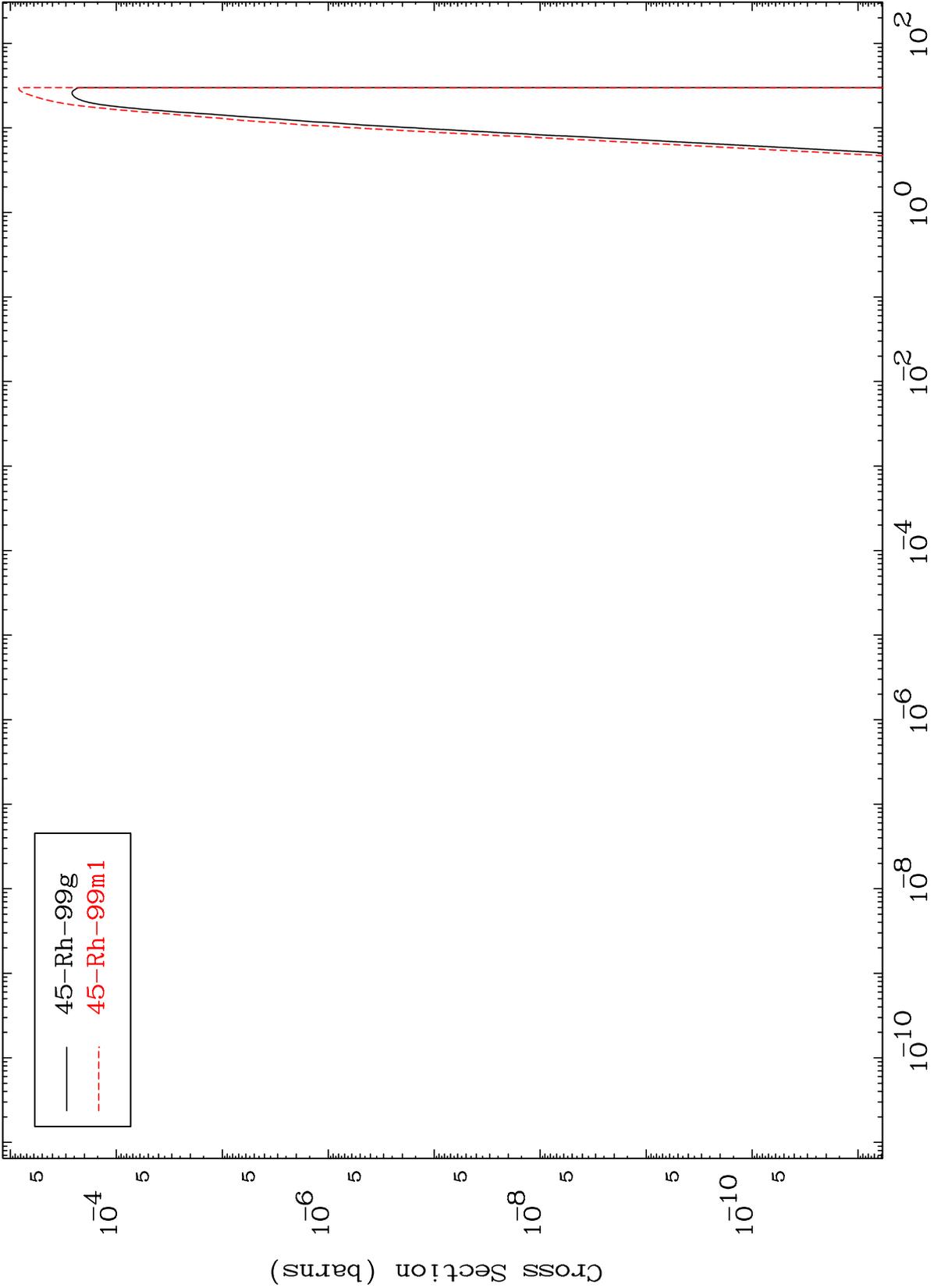


MAT 4905

(n,2α)

49-In-106

Radionuclide Production Cross Section

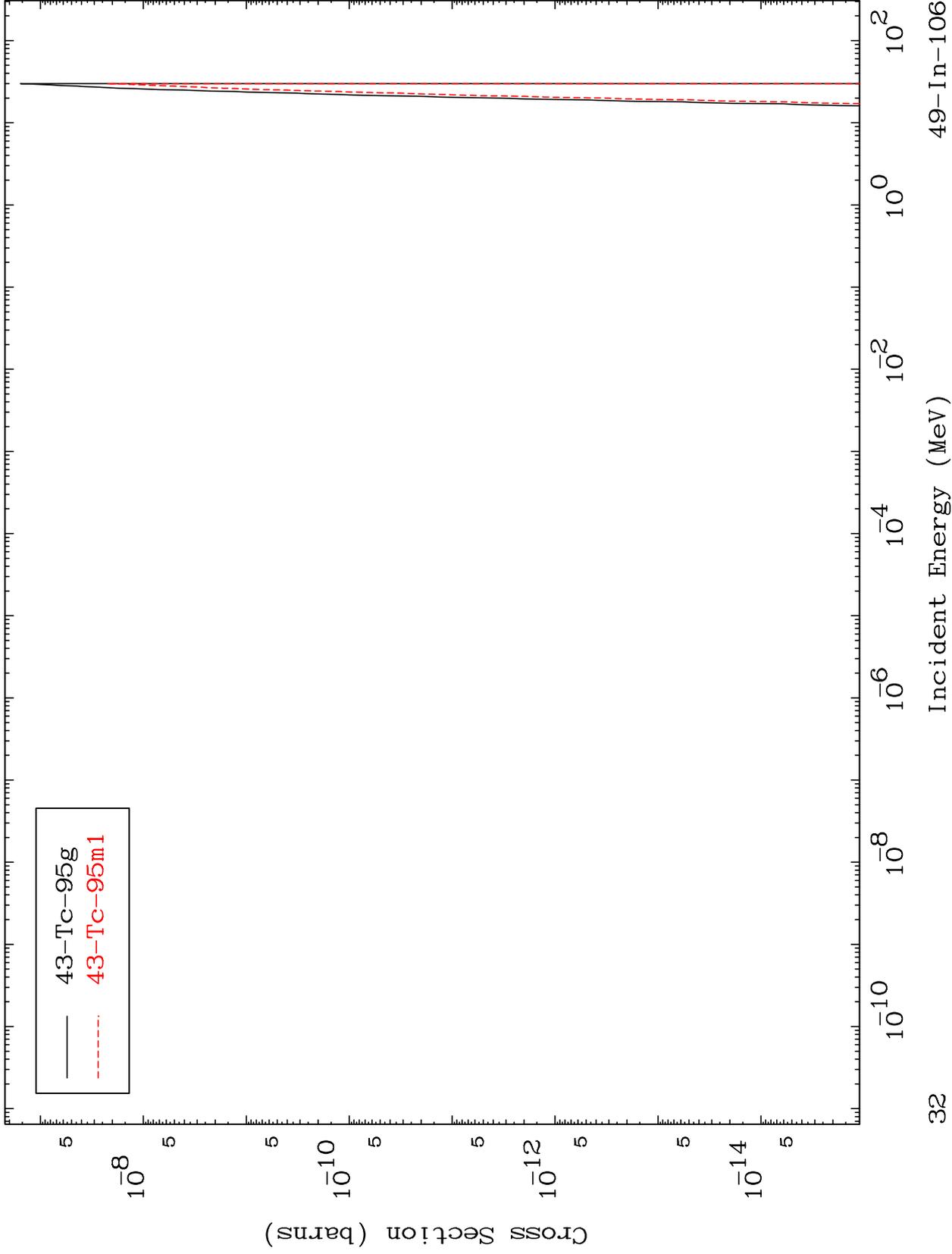


MAT 4905

(n,3 $\alpha$ )

49-In-106

Radionuclide Production Cross Section



32

Incident Energy (MeV)

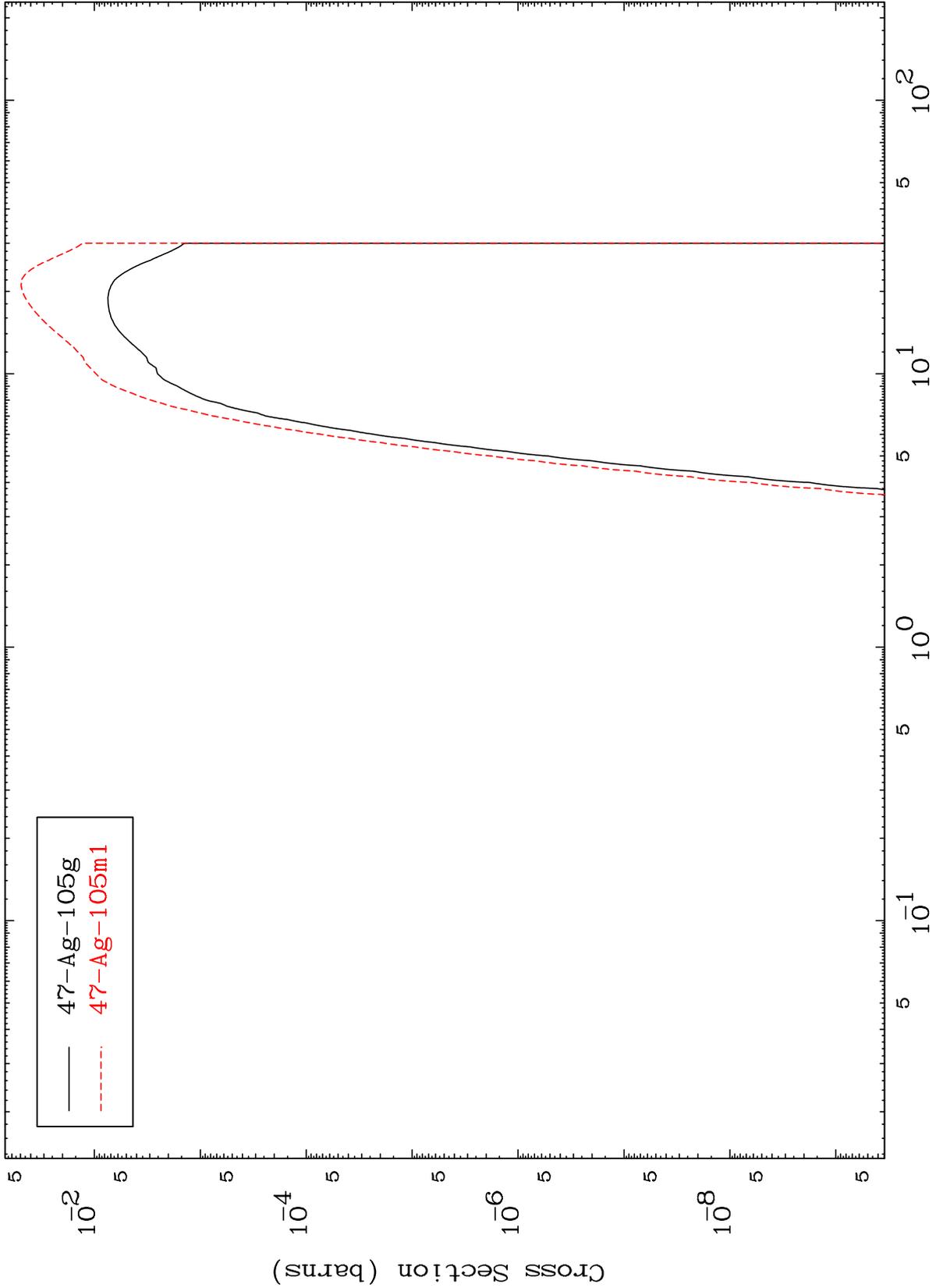
49-In-106

MAT 4905

(n,2p)

49-In-106

Radionuclide Production Cross Section

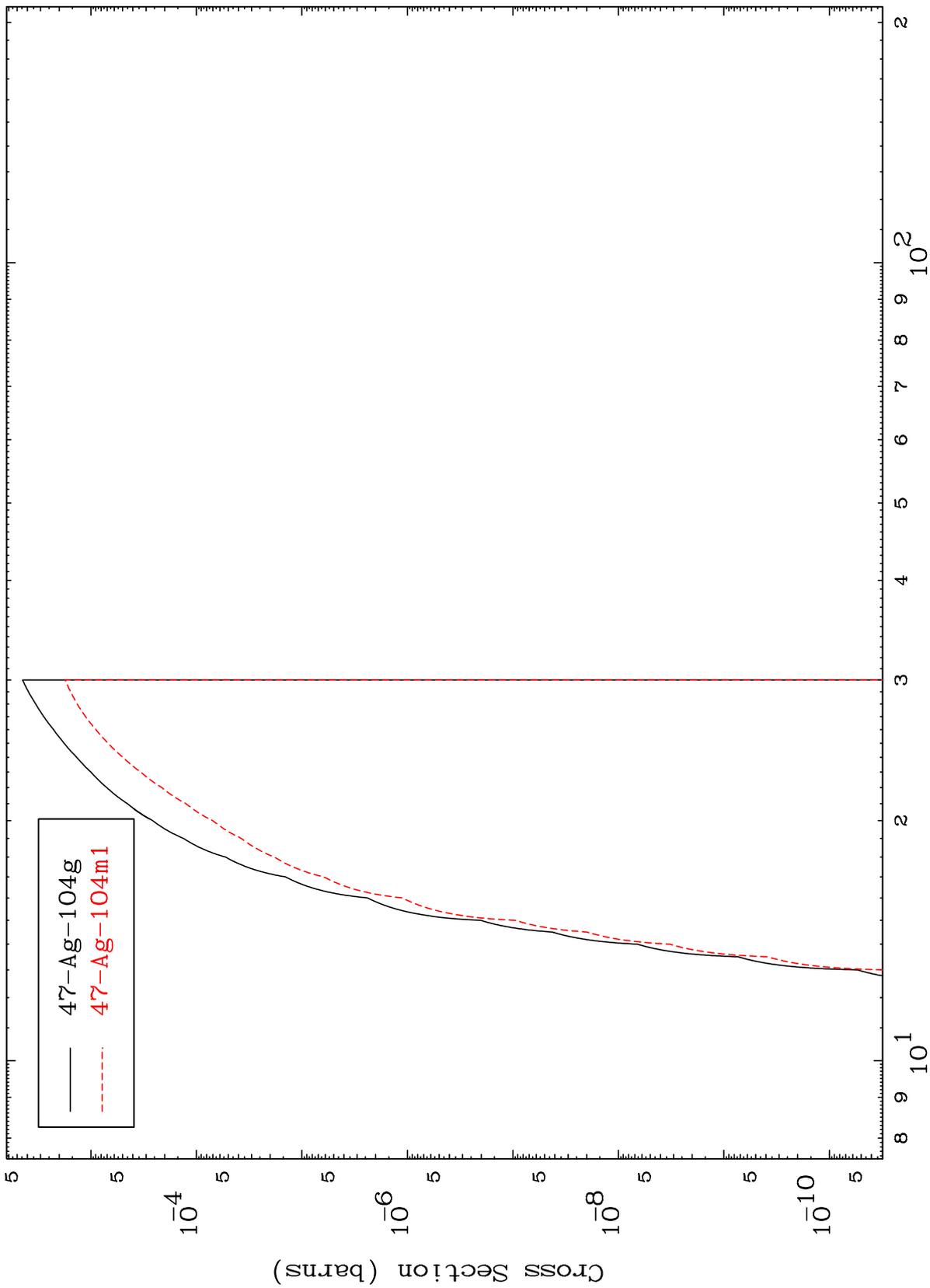


MAT 4905

(n,p) d

49-In-106

Radionuclide Production Cross Section



34

Incident Energy (MeV)

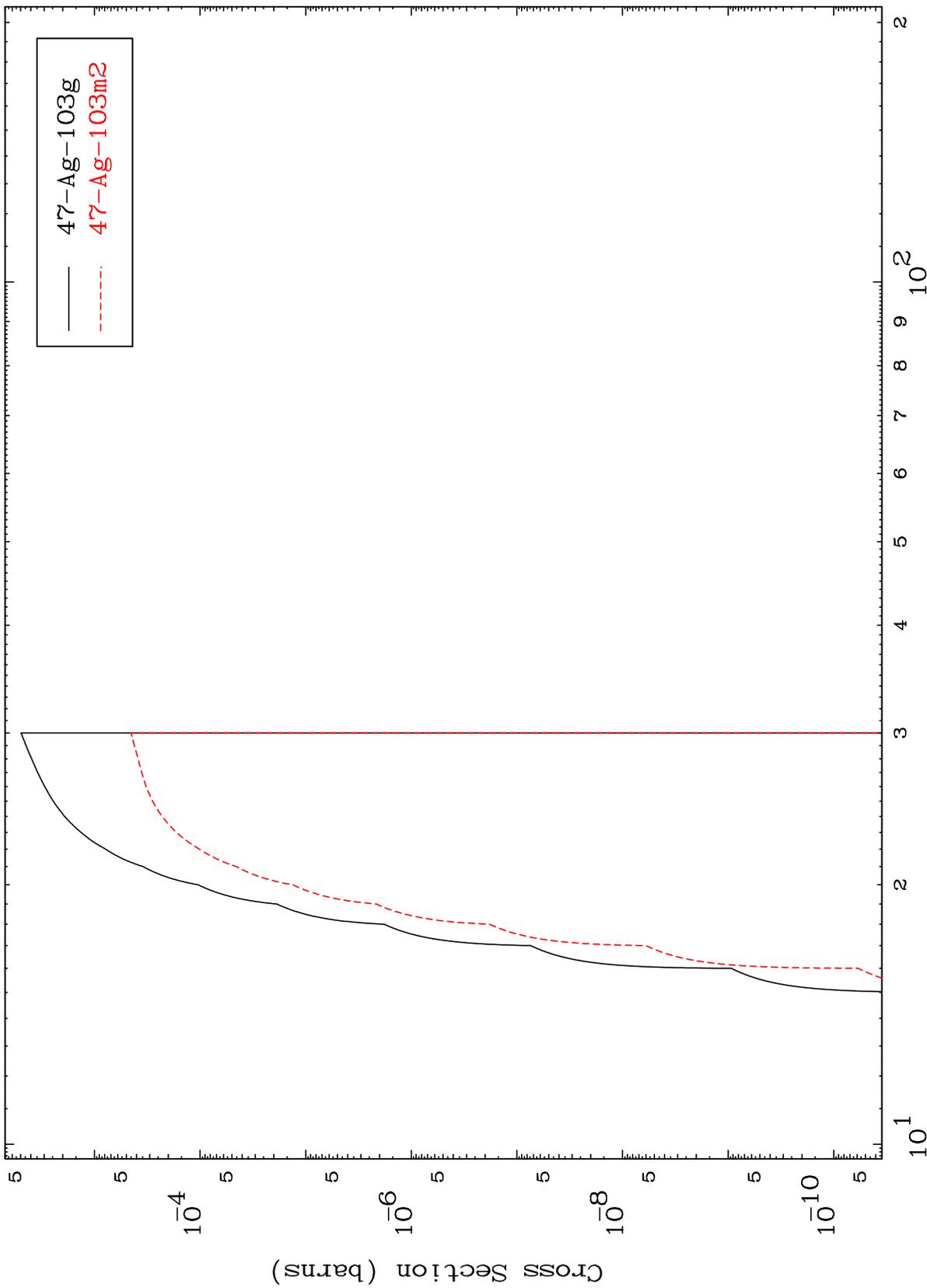
49-In-106

MAT 4905

(n,p) t

49-In-106

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-106

35