

Program EVALPLOT  
(Version 2018-1)

by

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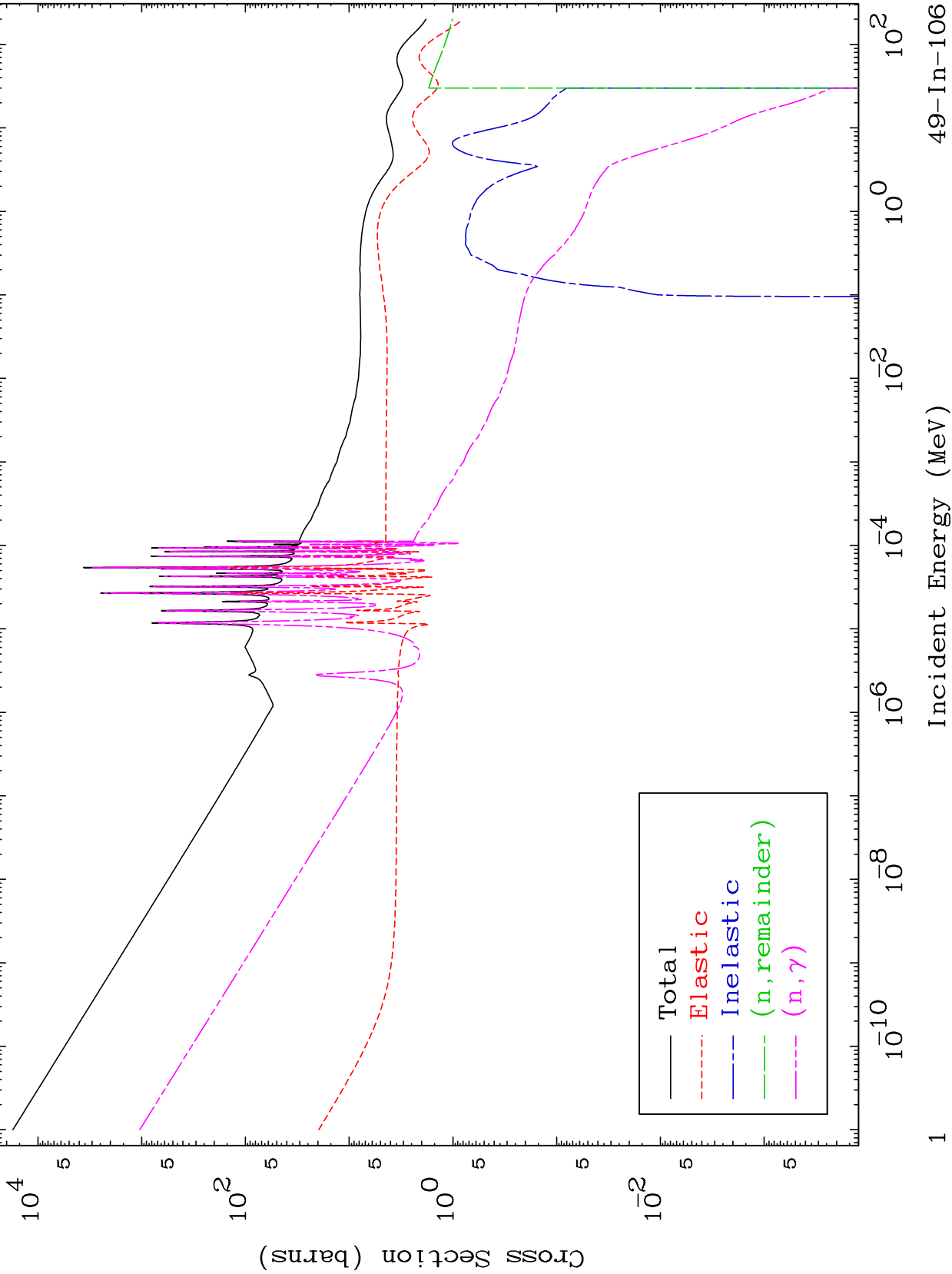
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4905

Major  
293 Kelvin Cross Sections

49-In-106

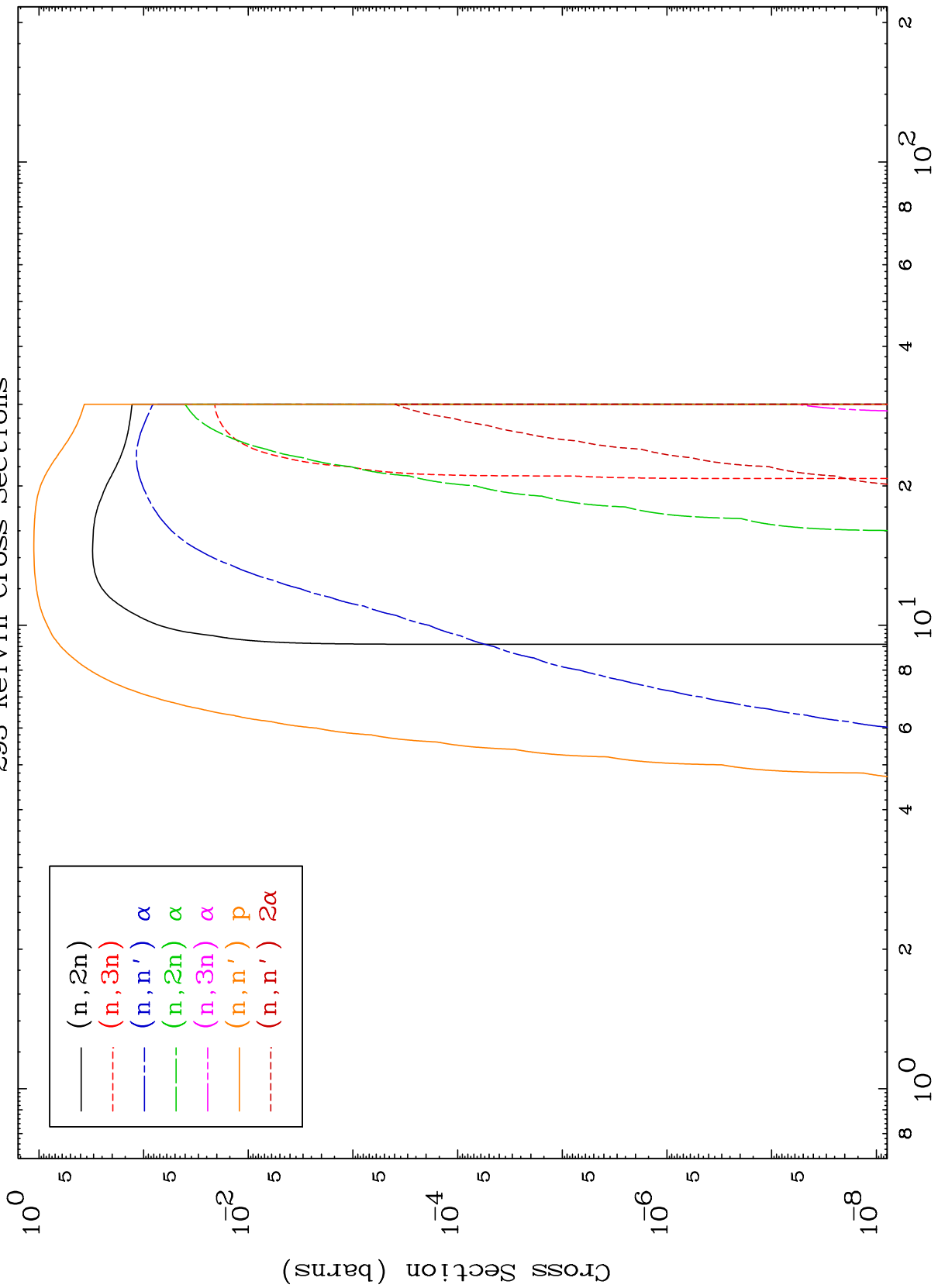


MAT 4905

Neutron Production

49-In-106

293 Kelvin Cross Sections



49-In-106

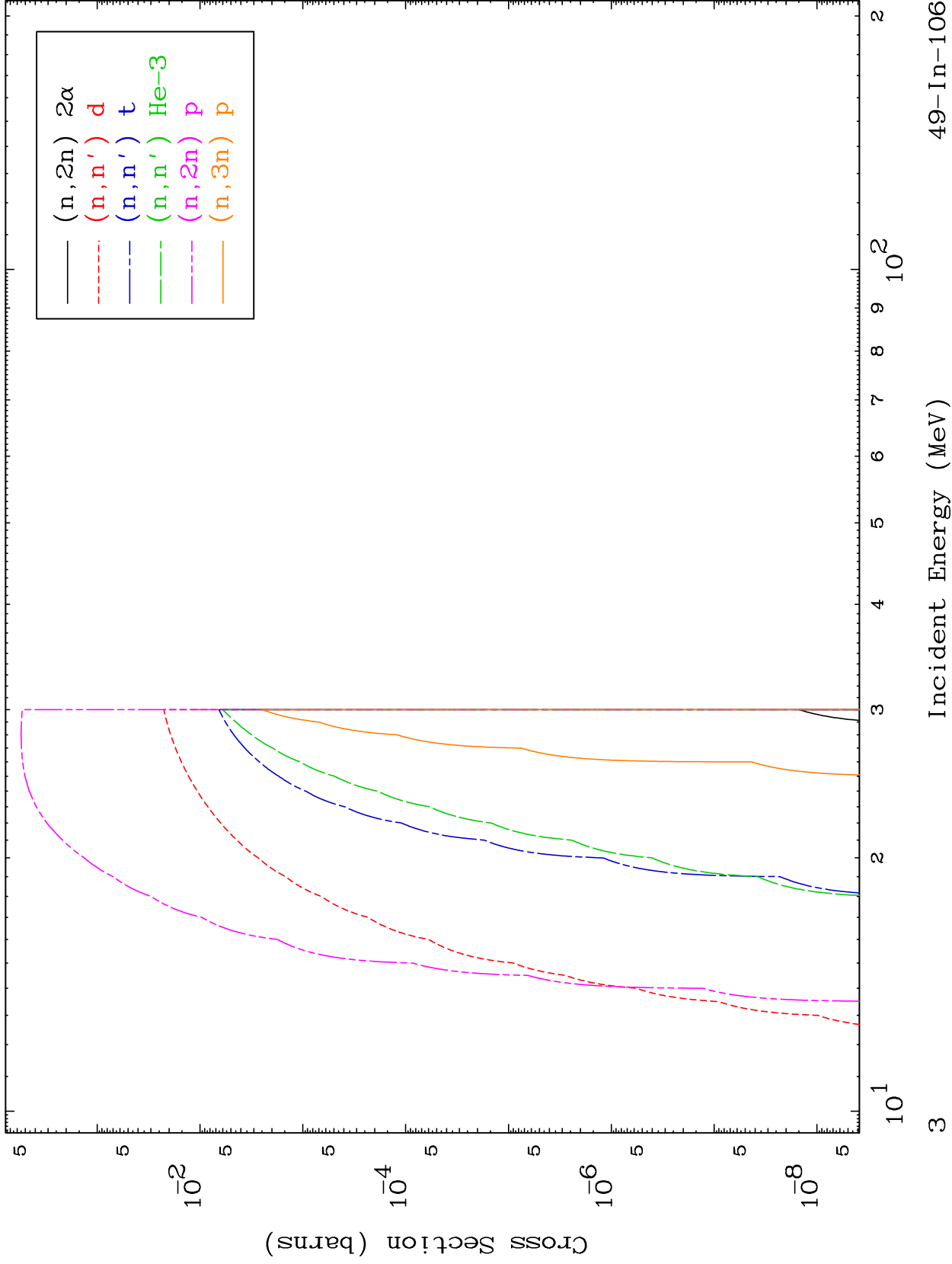
Incident Energy (MeV)

2

MAT 4905

Neutron Production  
293 Kelvin Cross Sections

49-In-106



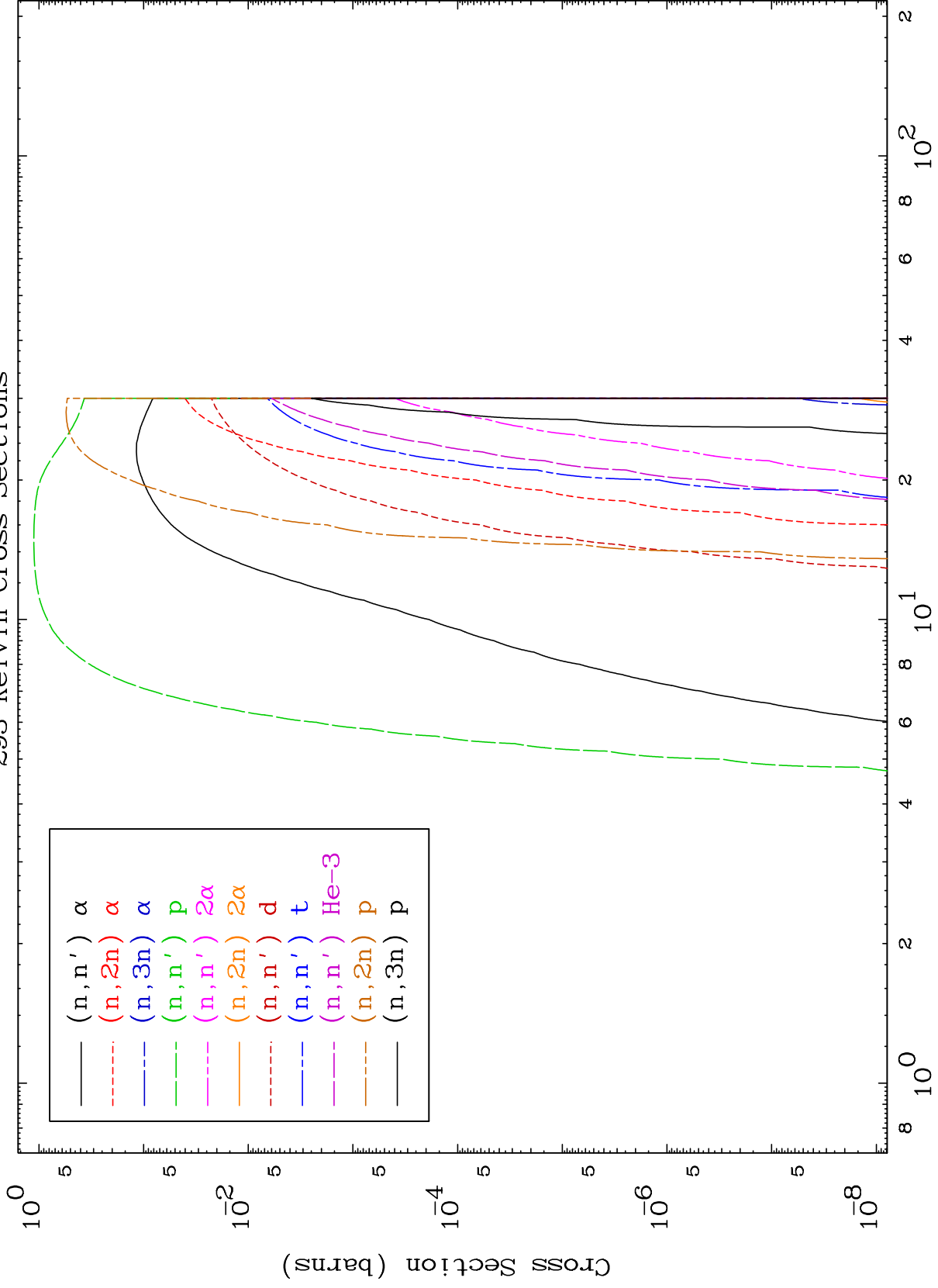
49-In-106

Incident Energy (MeV)

MAT 4905

Charged Particle  
293 Kelvin Cross Sections

49-In-106



4

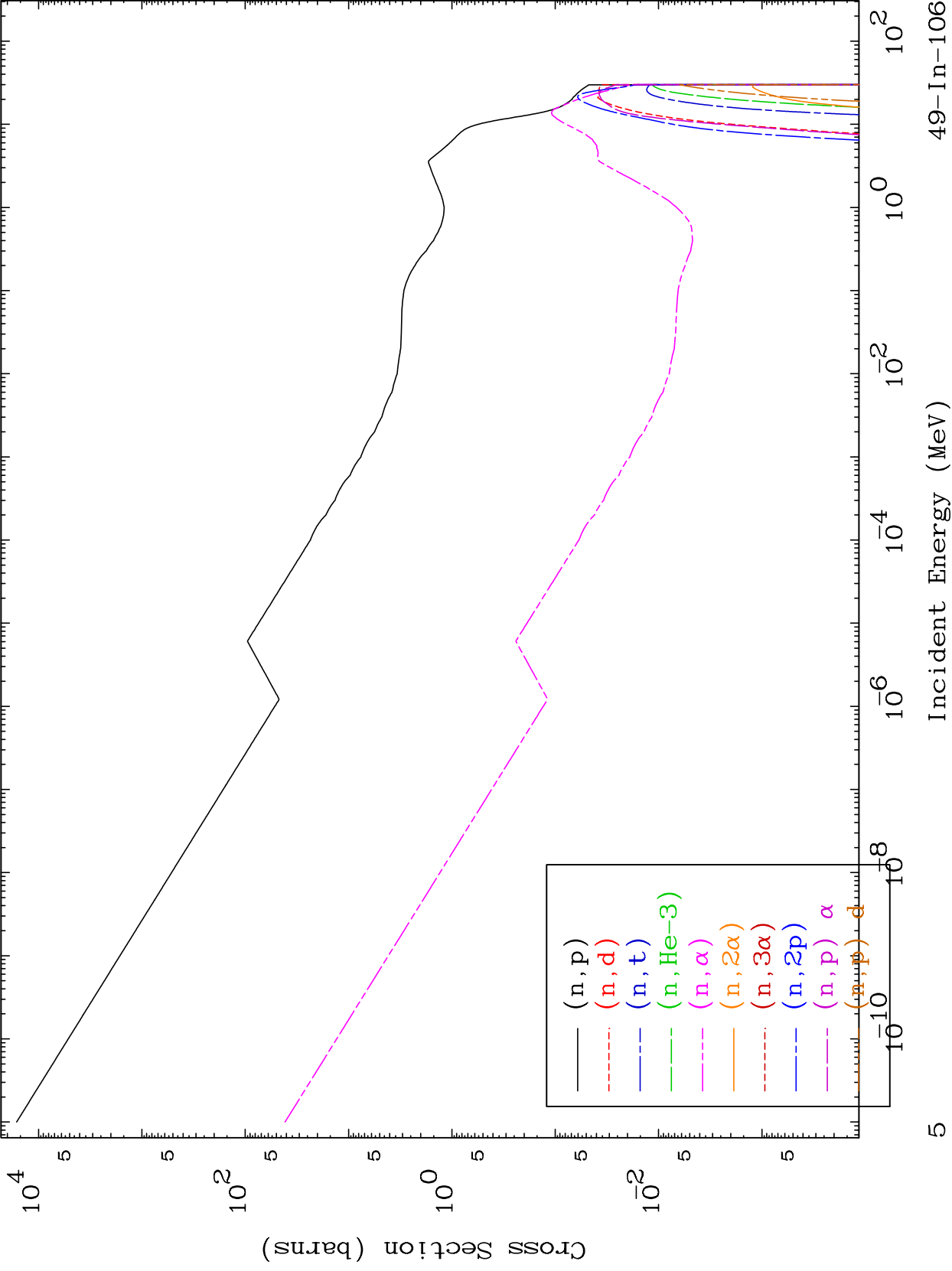
Incident Energy (MeV)

49-In-106

MAT 4905

Charged Particle  
293 Kelvin Cross Sections

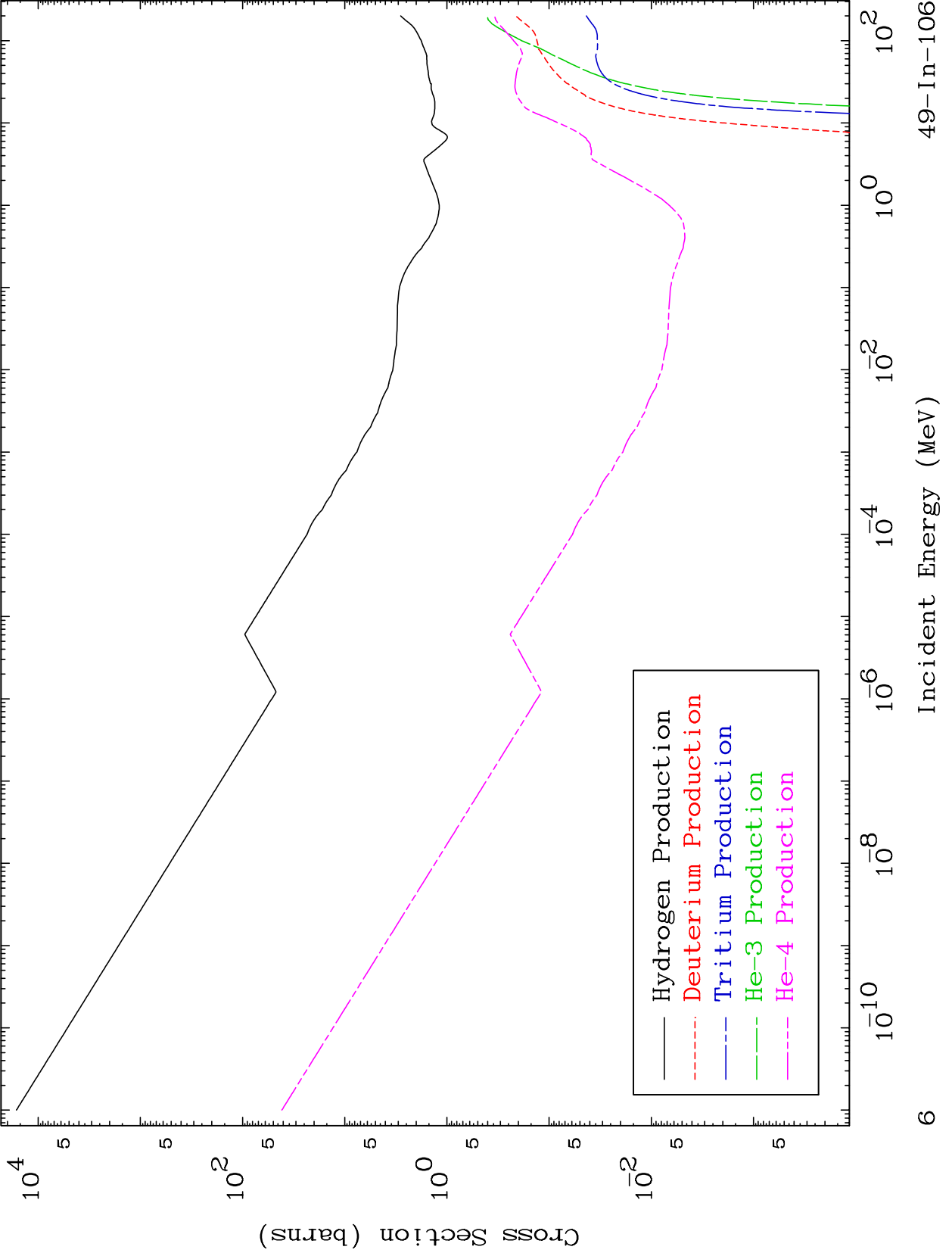
49-In-106



MAT 4905

Particle Production  
293 Kelvin Cross Sections

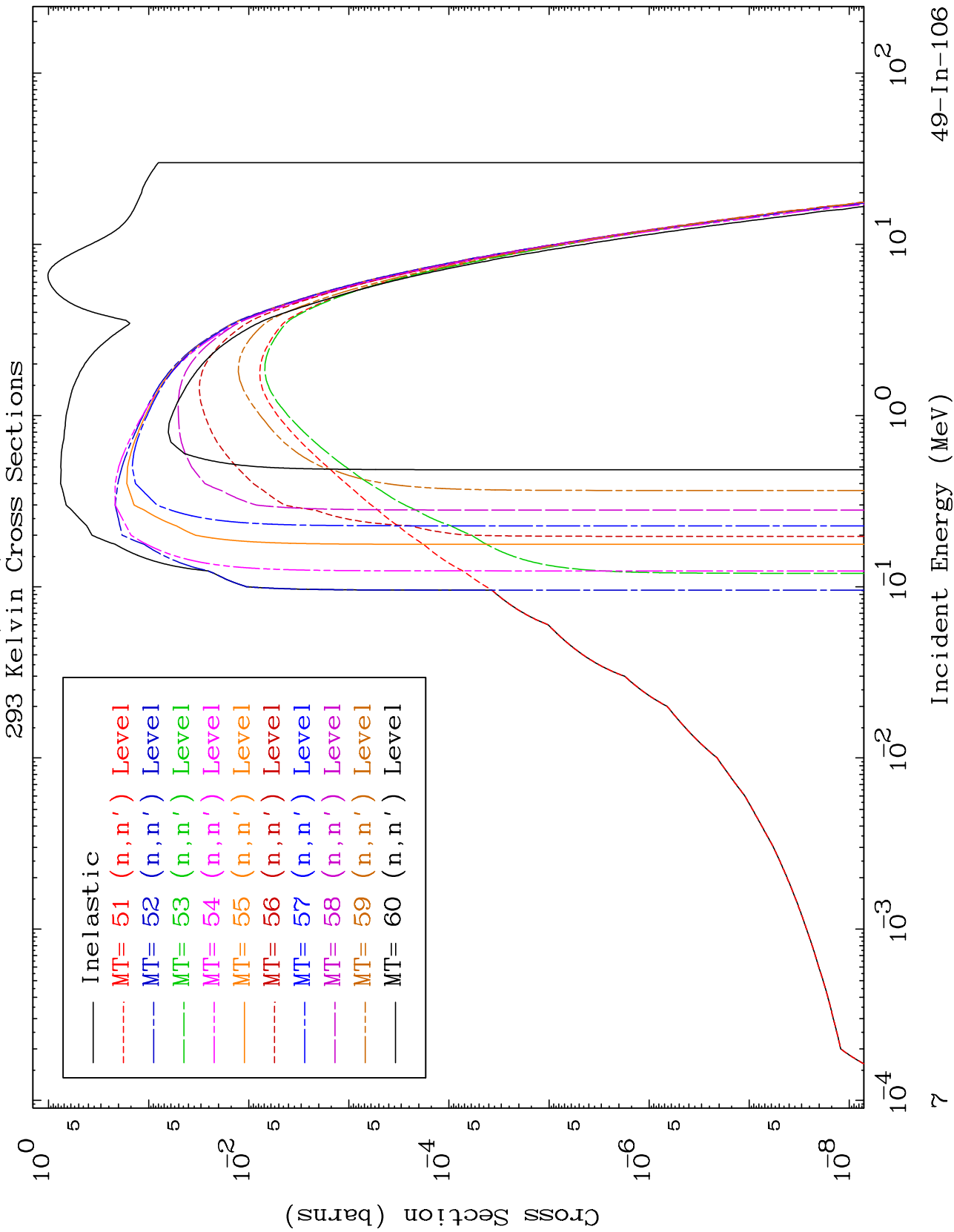
49-In-106



MAT 4905

(n,n') Level

49-In-106



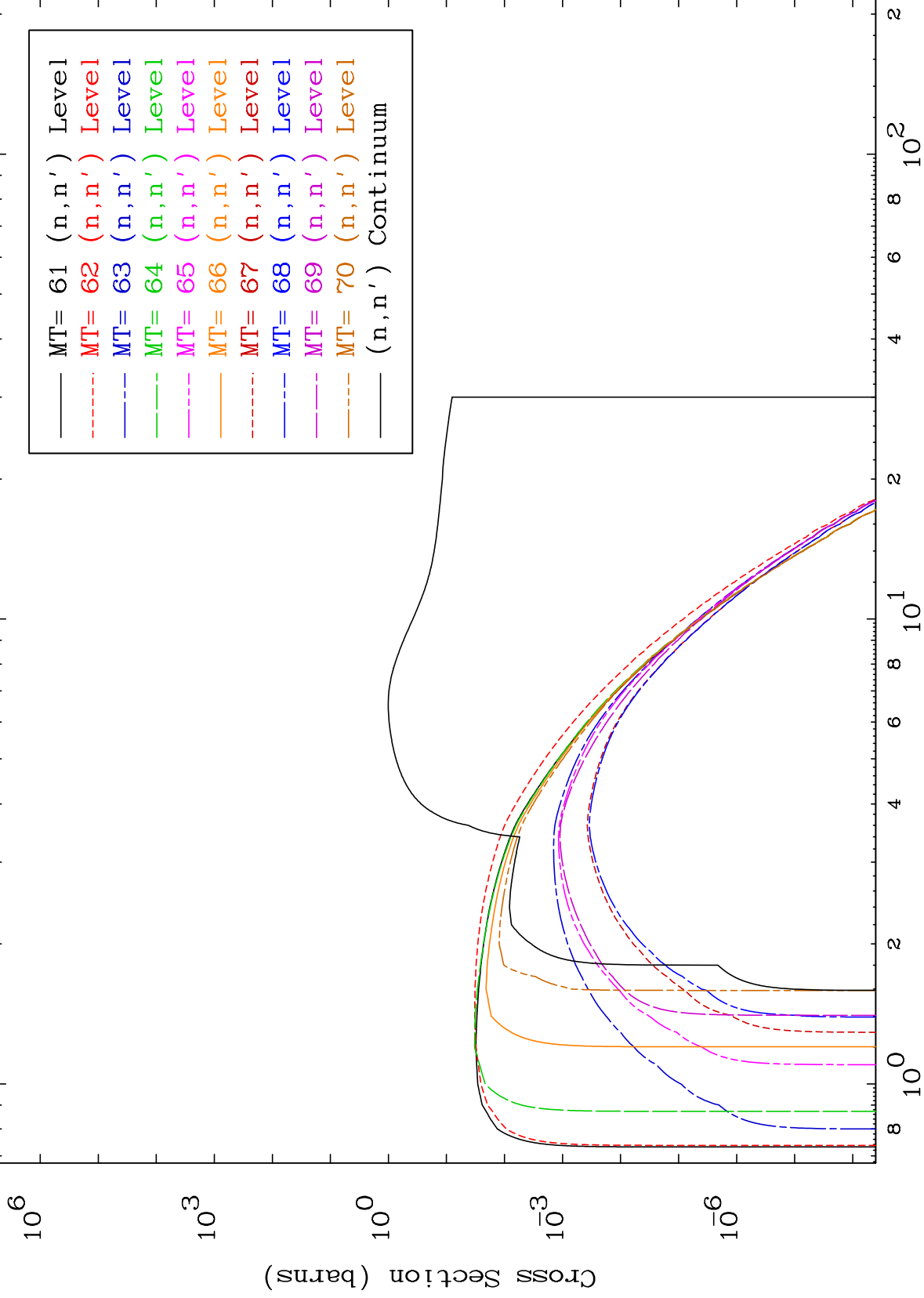


MAT 4905

(n,n') Level

49-In-106

293 Kelvin Cross Sections



8

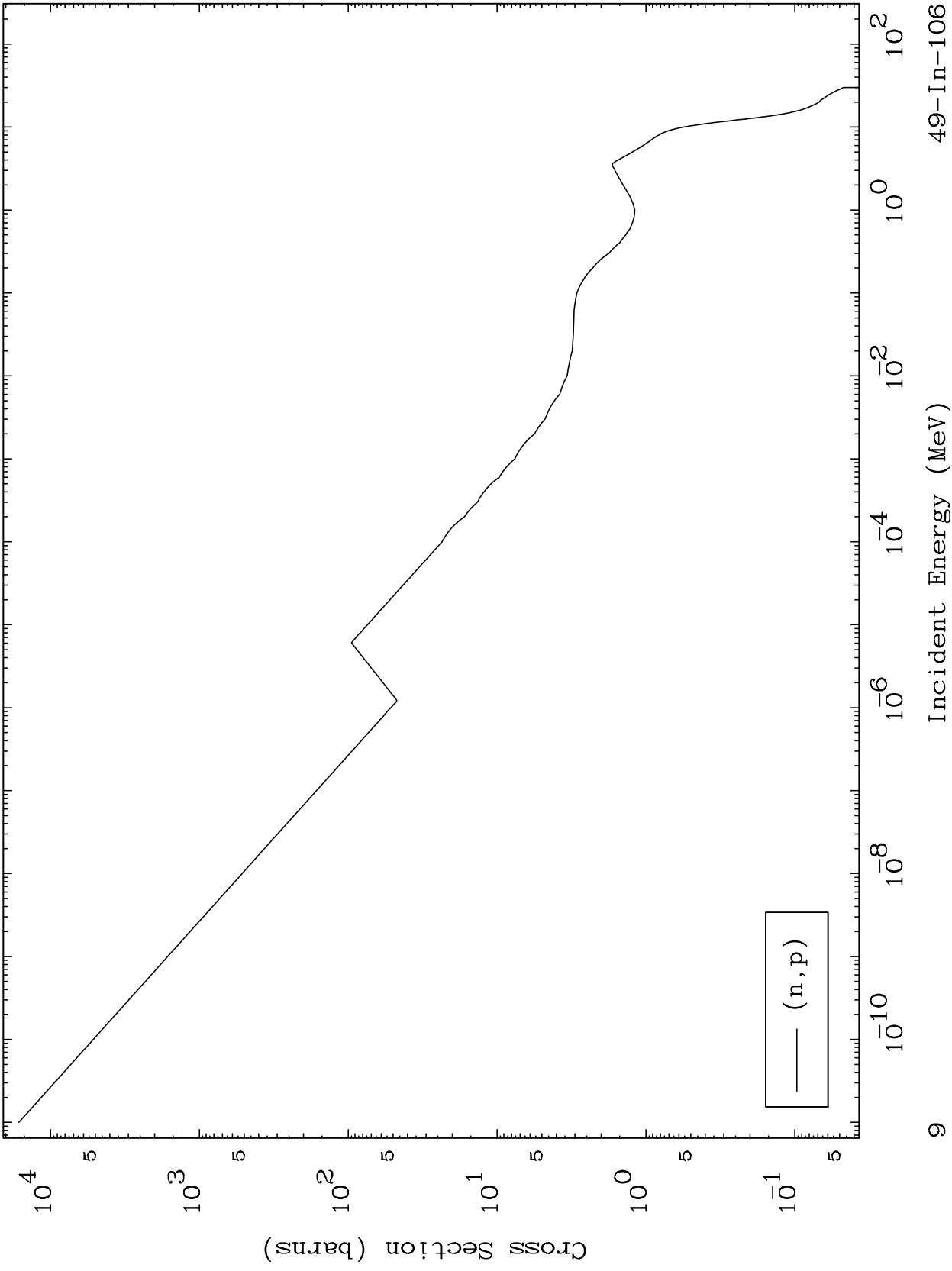
Incident Energy (MeV)

49-In-106

MAT 4905

(n,p) Levels  
293 Kelvin Cross Sections

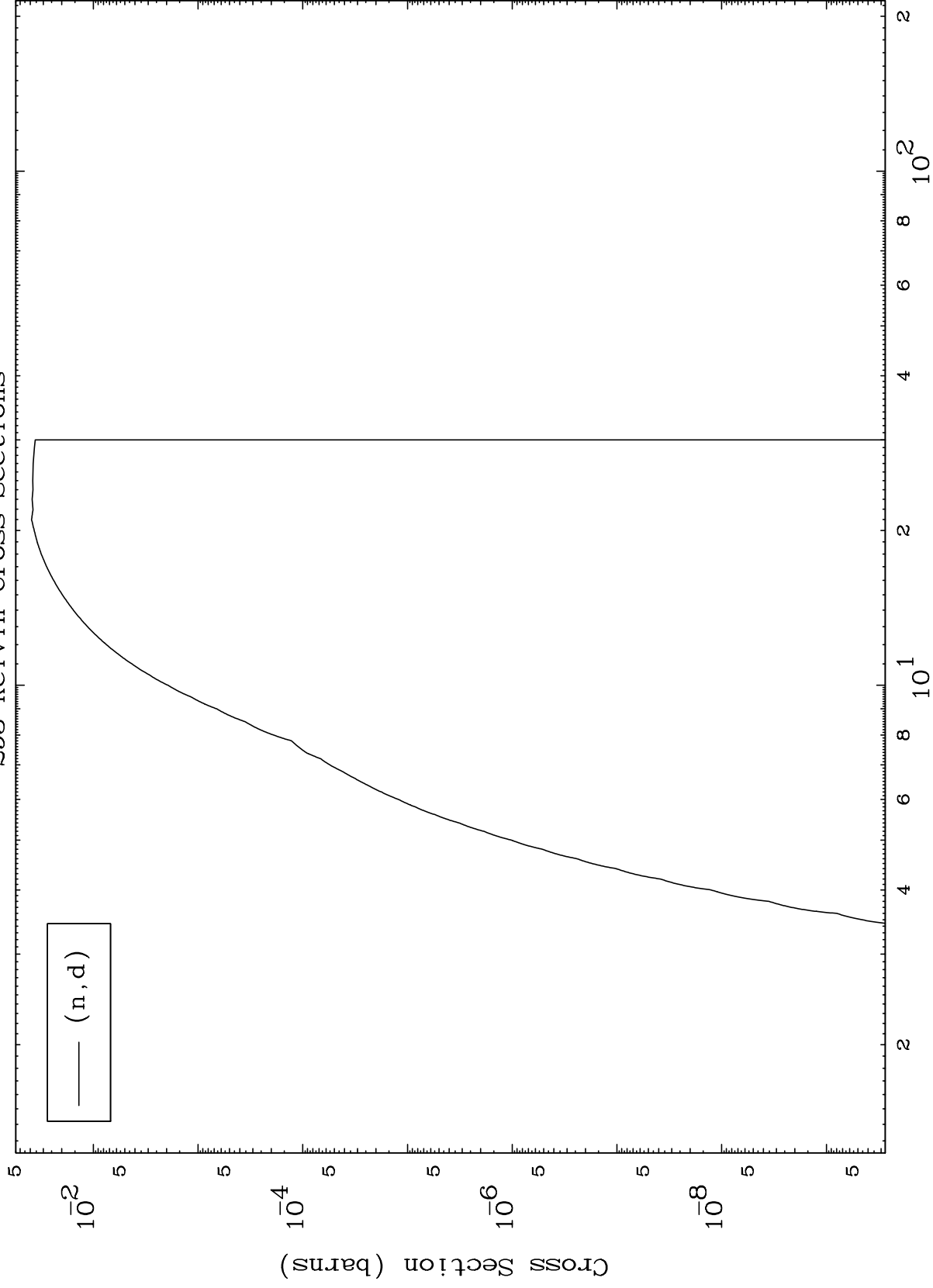
49-In-106



MAT 4905

(n,d) Levels  
293 Kelvin Cross Sections

49-In-106



10

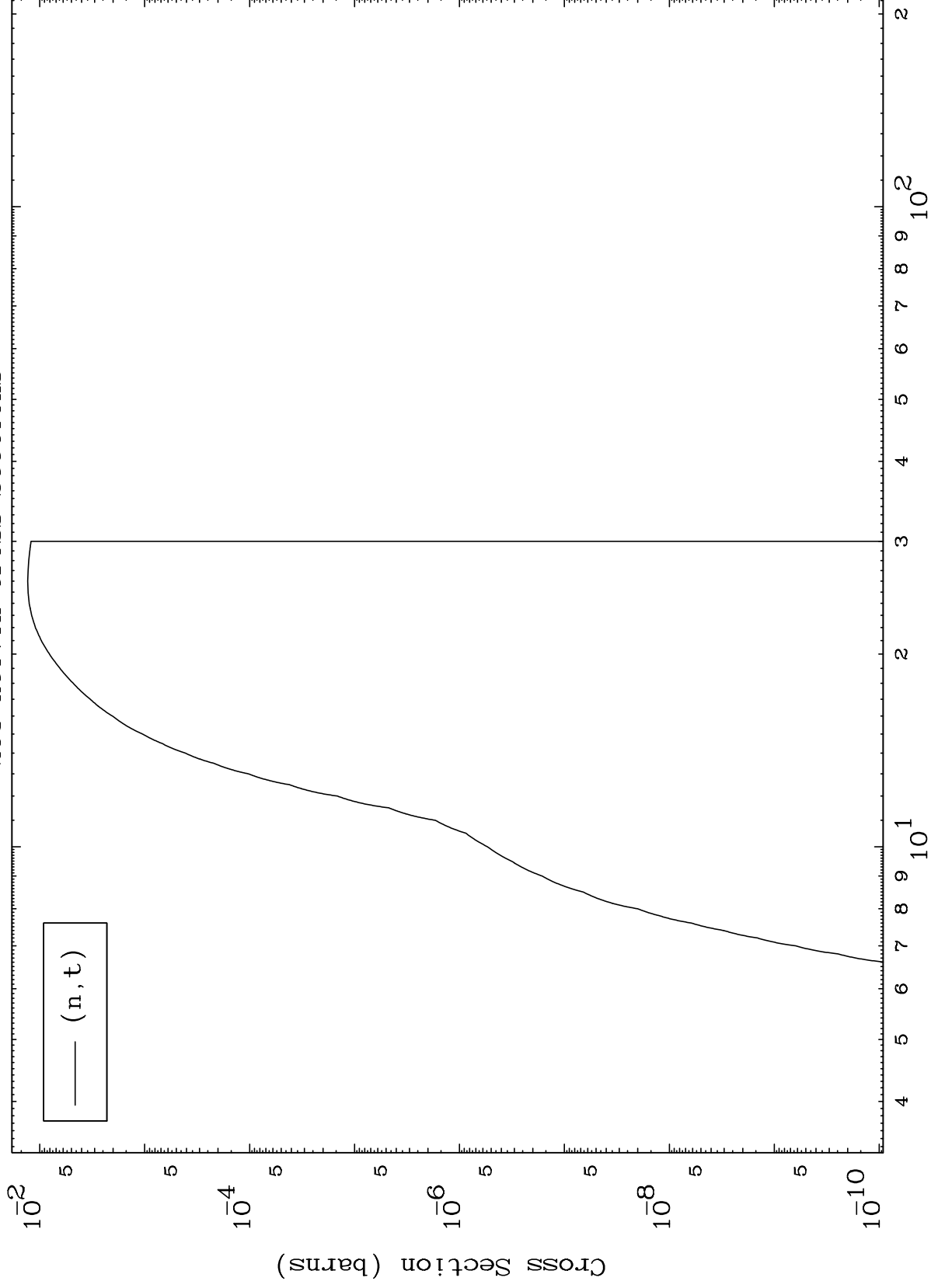
Incident Energy (MeV)

49-In-106

MAT 4905

(n,t) Levels  
293 Kelvin Cross Sections

49-In-106



11

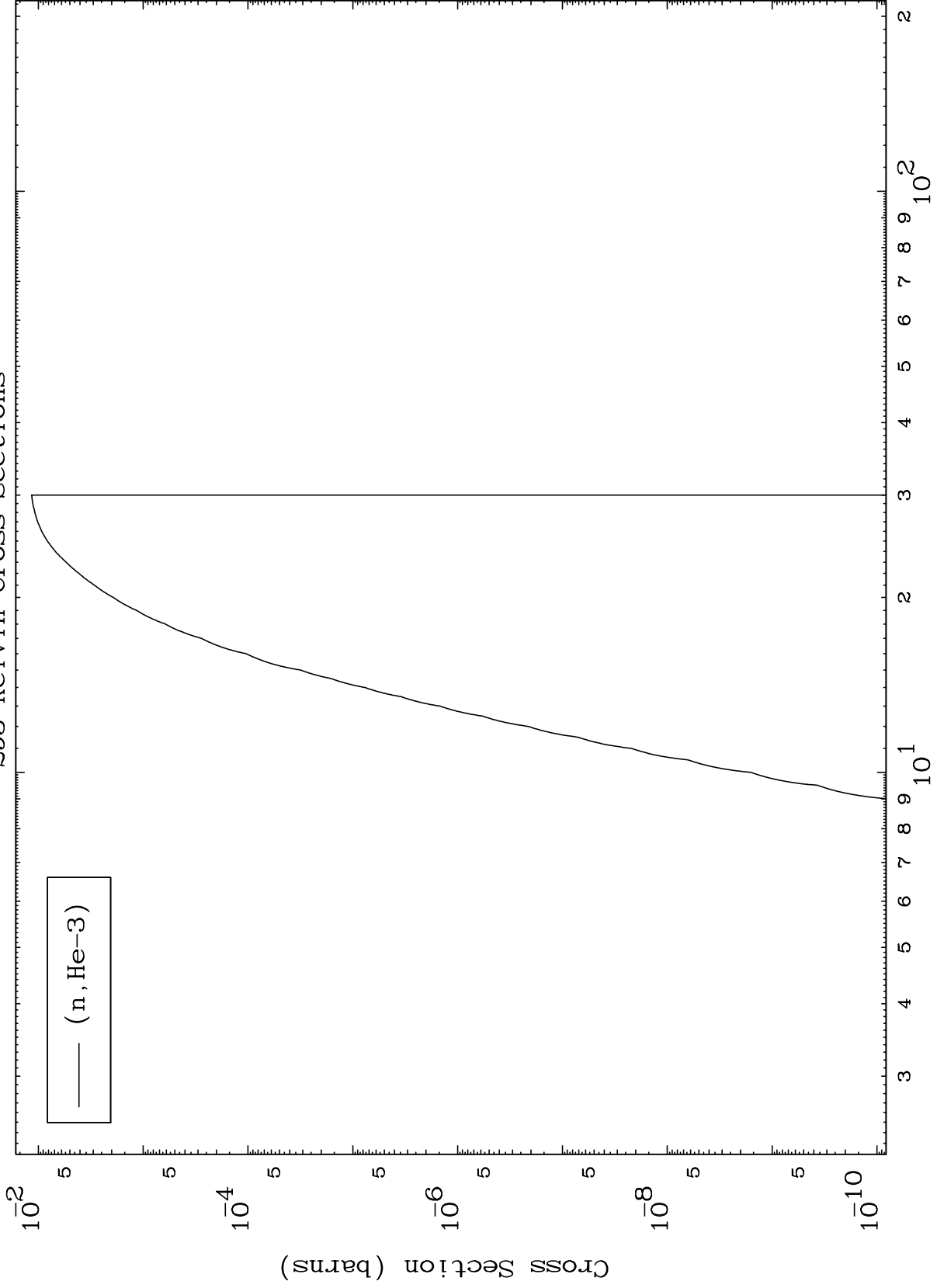
Incident Energy (MeV)

49-In-106

MAT 4905

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-106



12

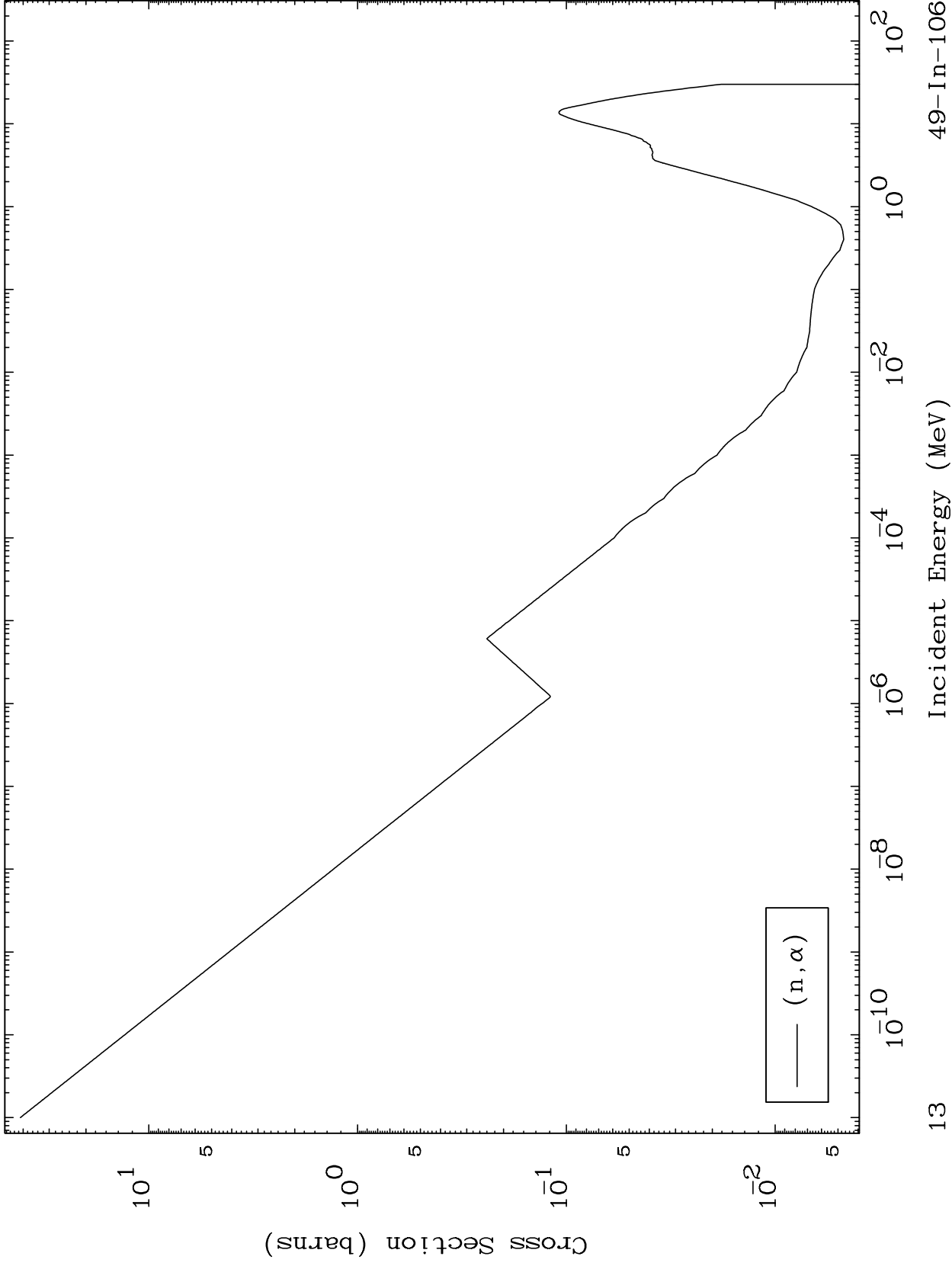
Incident Energy (MeV)

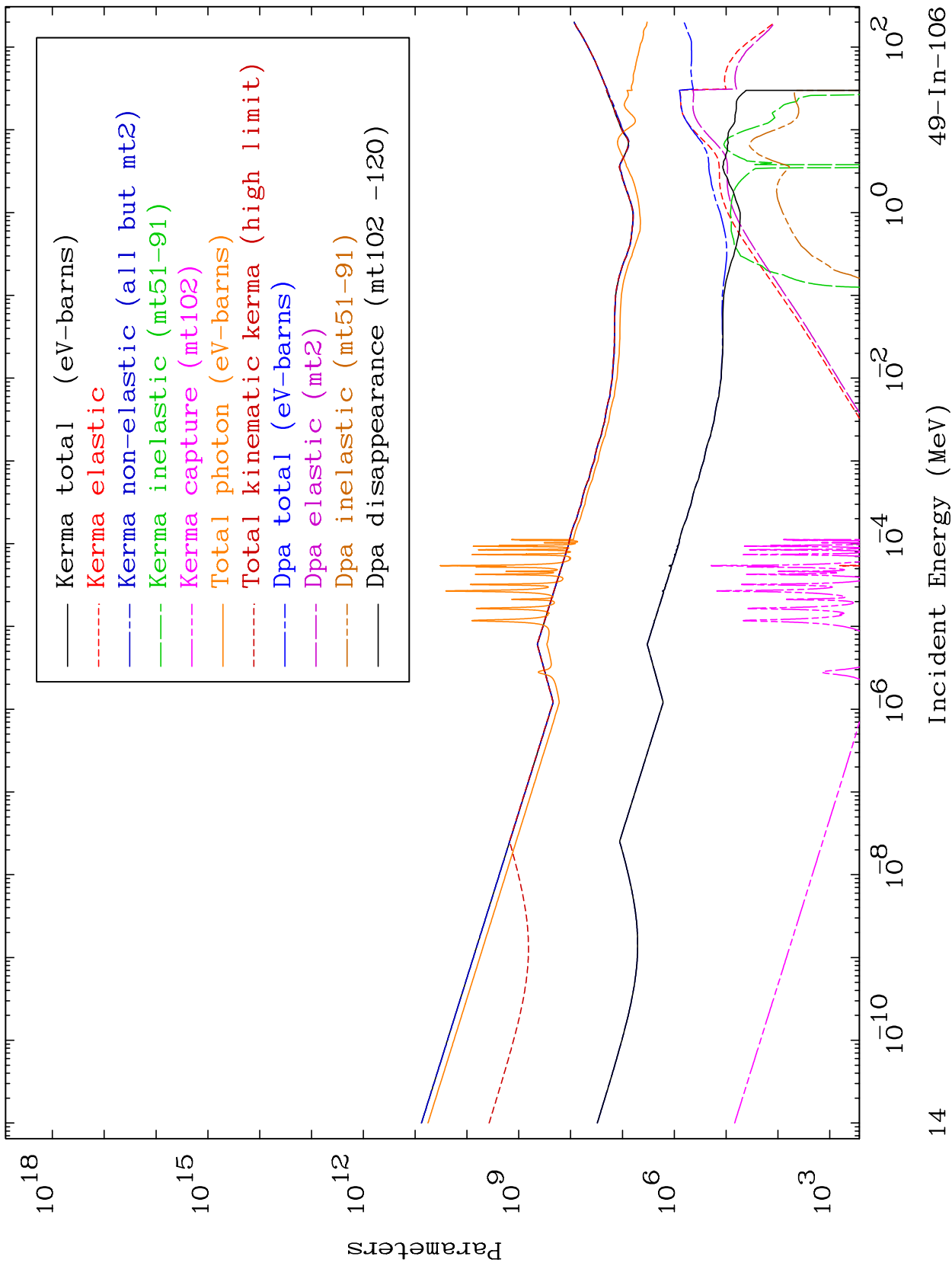
49-In-106

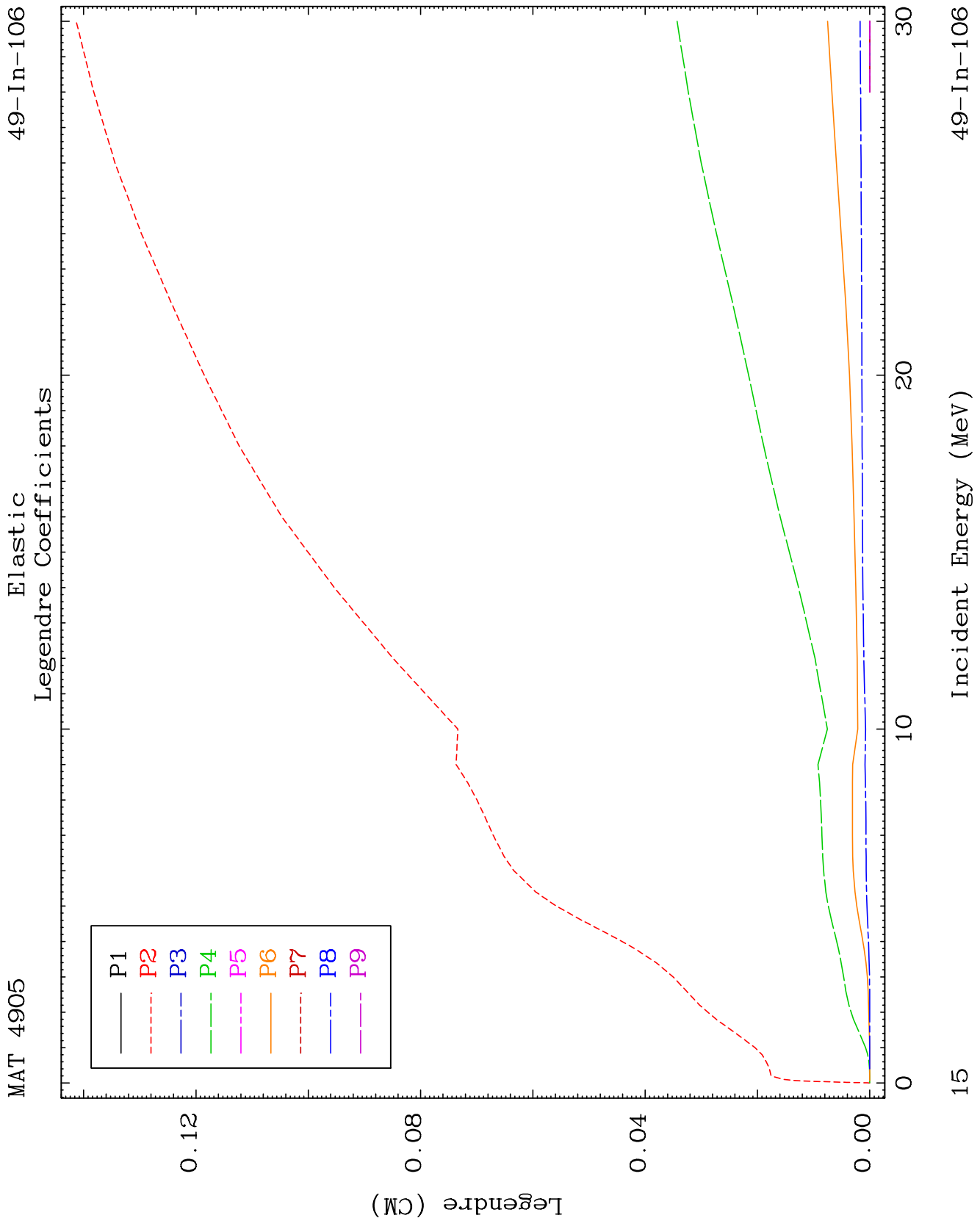
MAT 4905

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

49-In-106





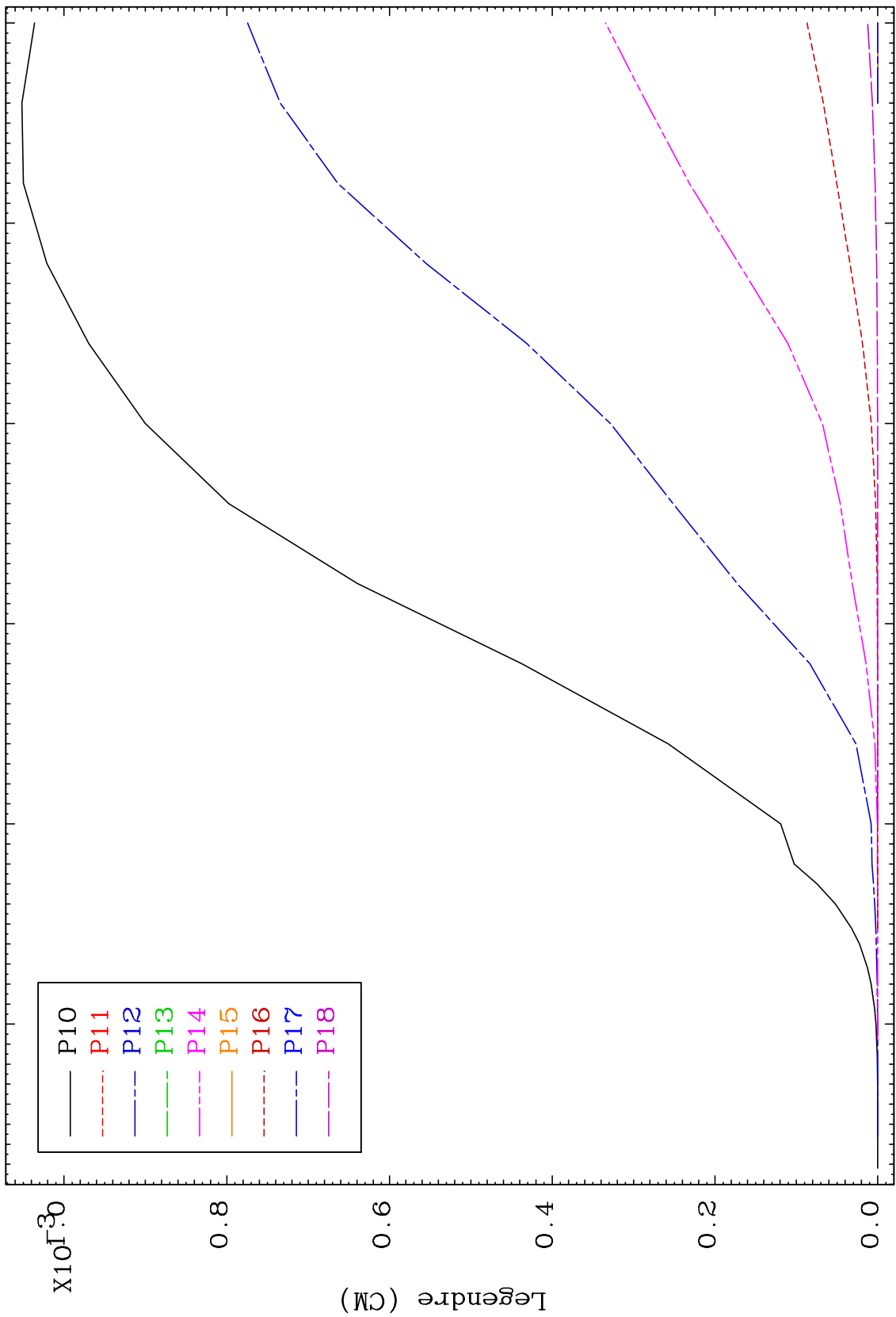




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Elastic Legendre Coefficients

49-In-106



16

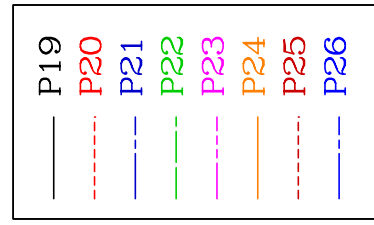
Incident Energy (MeV)

49-In-106

MAT 4905

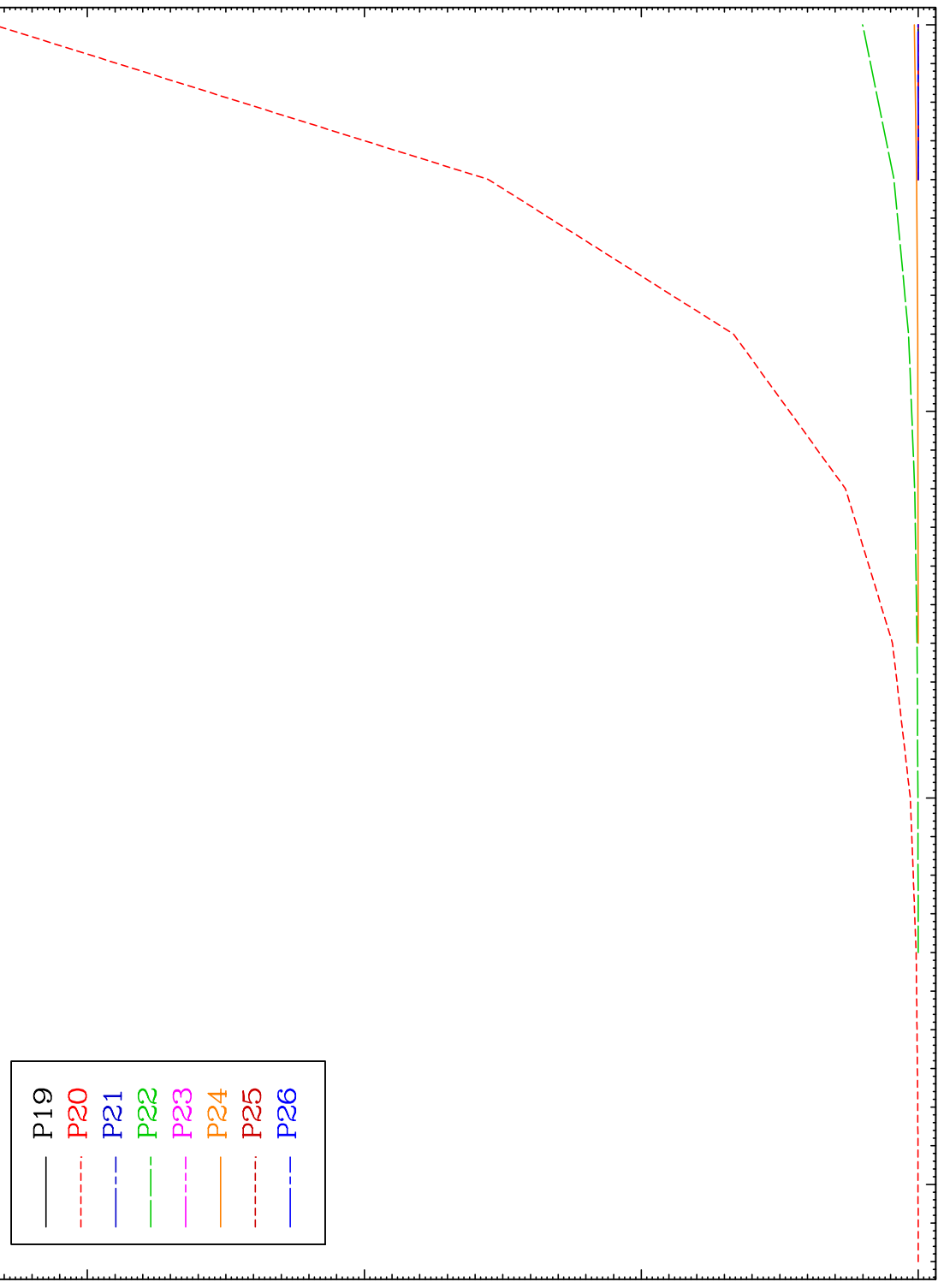
Elastic Legendre Coefficients

49-In-106



$\times 10^{-7}$

Legendre (CM)



17

Incident Energy (MeV)

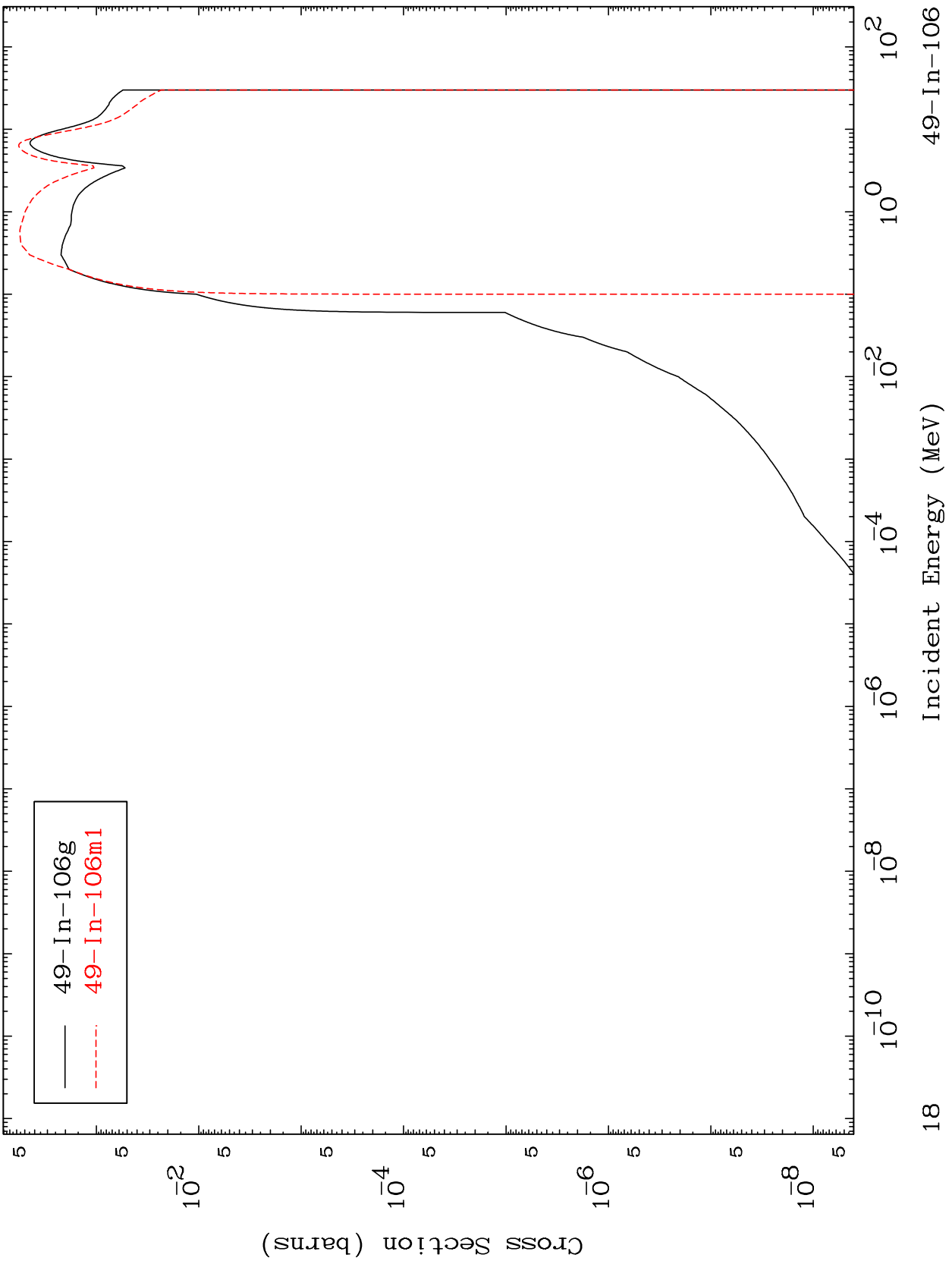
49-In-106

MAT 4905

Inelastic

49-In-106

Radionuclide Production Cross Section

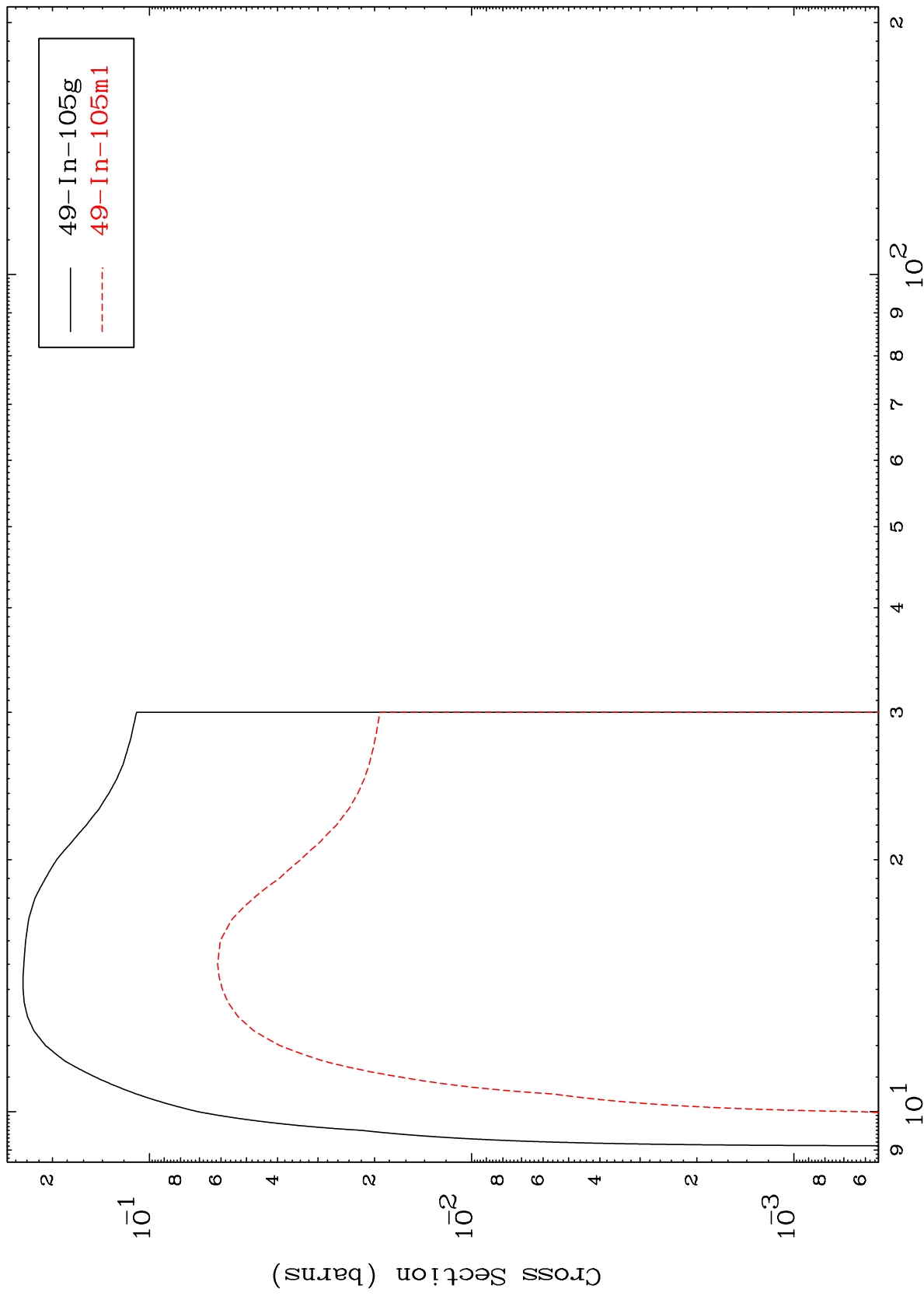


MAT 4905

49-In-106

(n,2n)

Radionuclide Production Cross Section



19

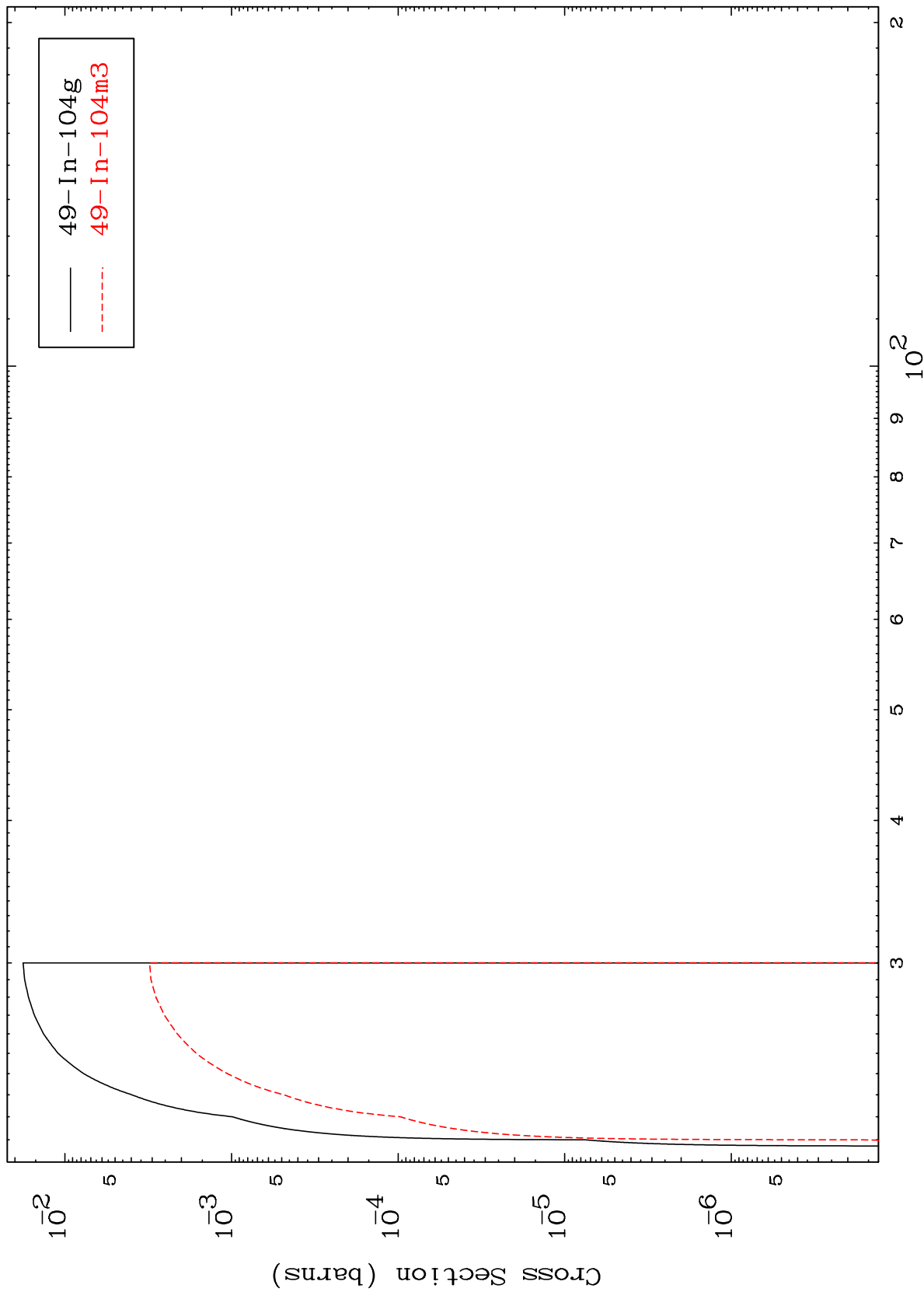
Incident Energy (MeV)

49-In-106

MAT 4905

49-In-106

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

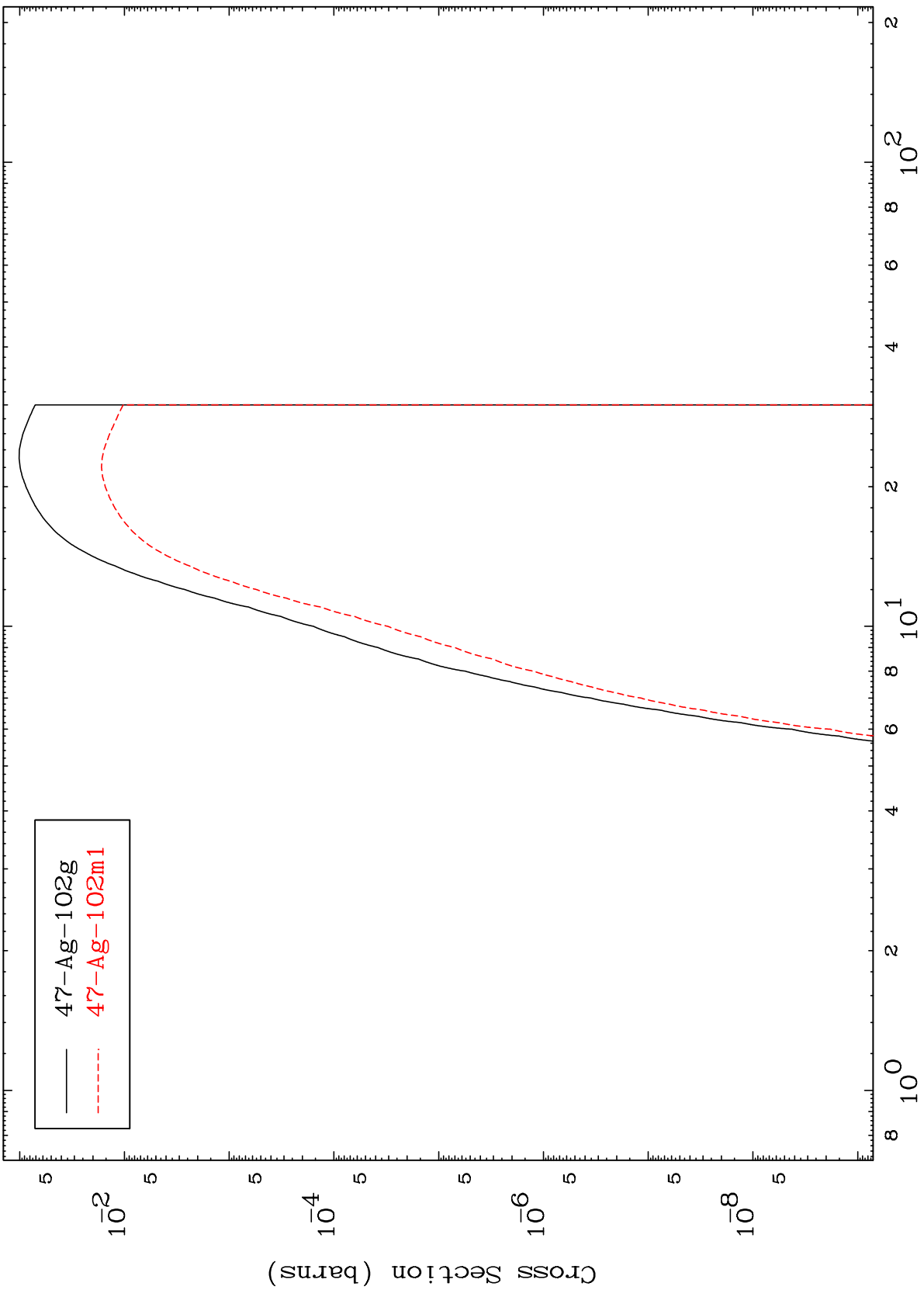
49-In-106

MAT 4905

(n,n')  $\alpha$

49-In-106

Radionuclide Production Cross Section



21

Incident Energy (MeV)

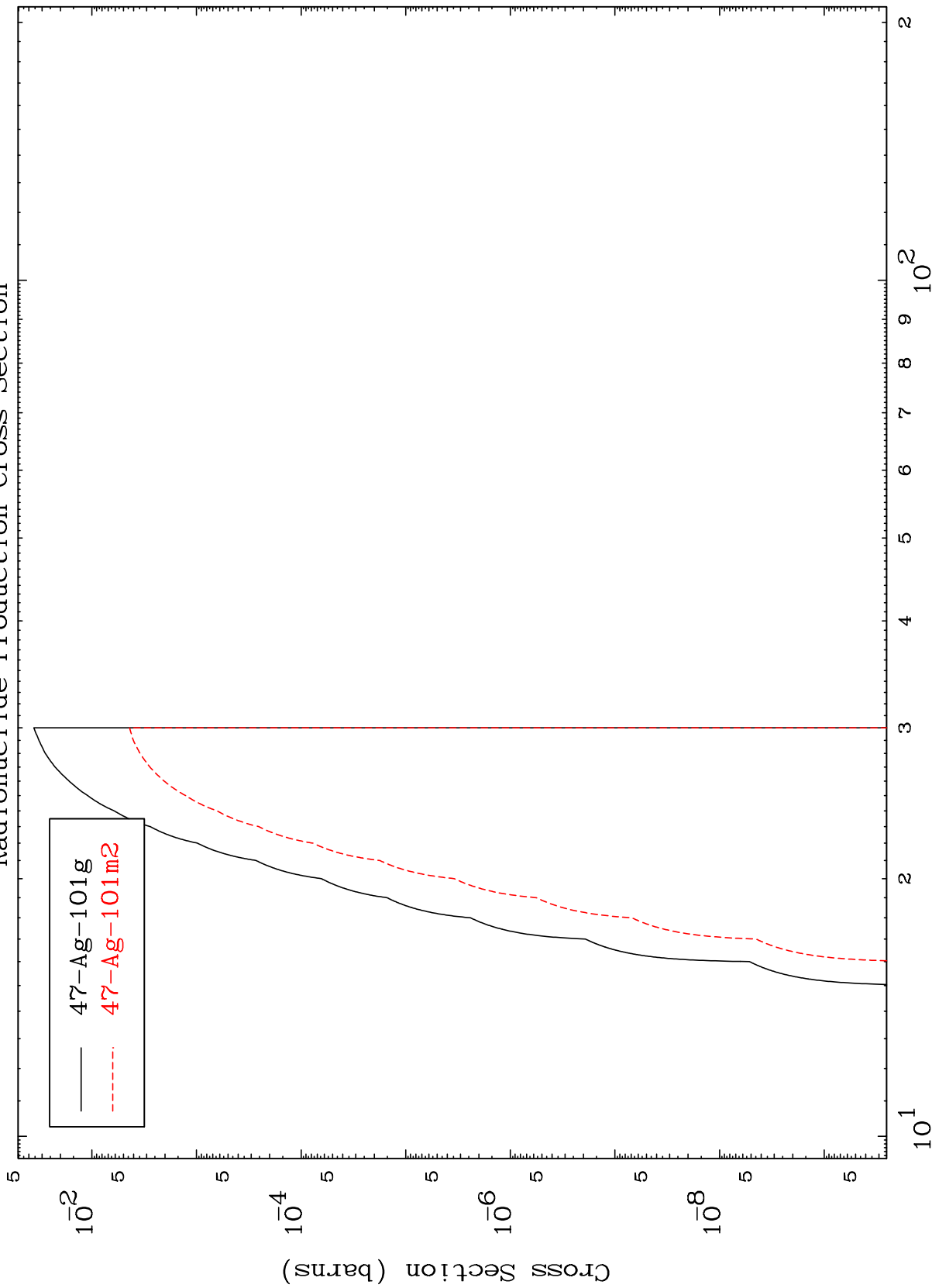
49-In-106

MAT 4905

(n,2n)  $\alpha$

49-In-106

Radionuclide Production Cross Section



22

Incident Energy (MeV)

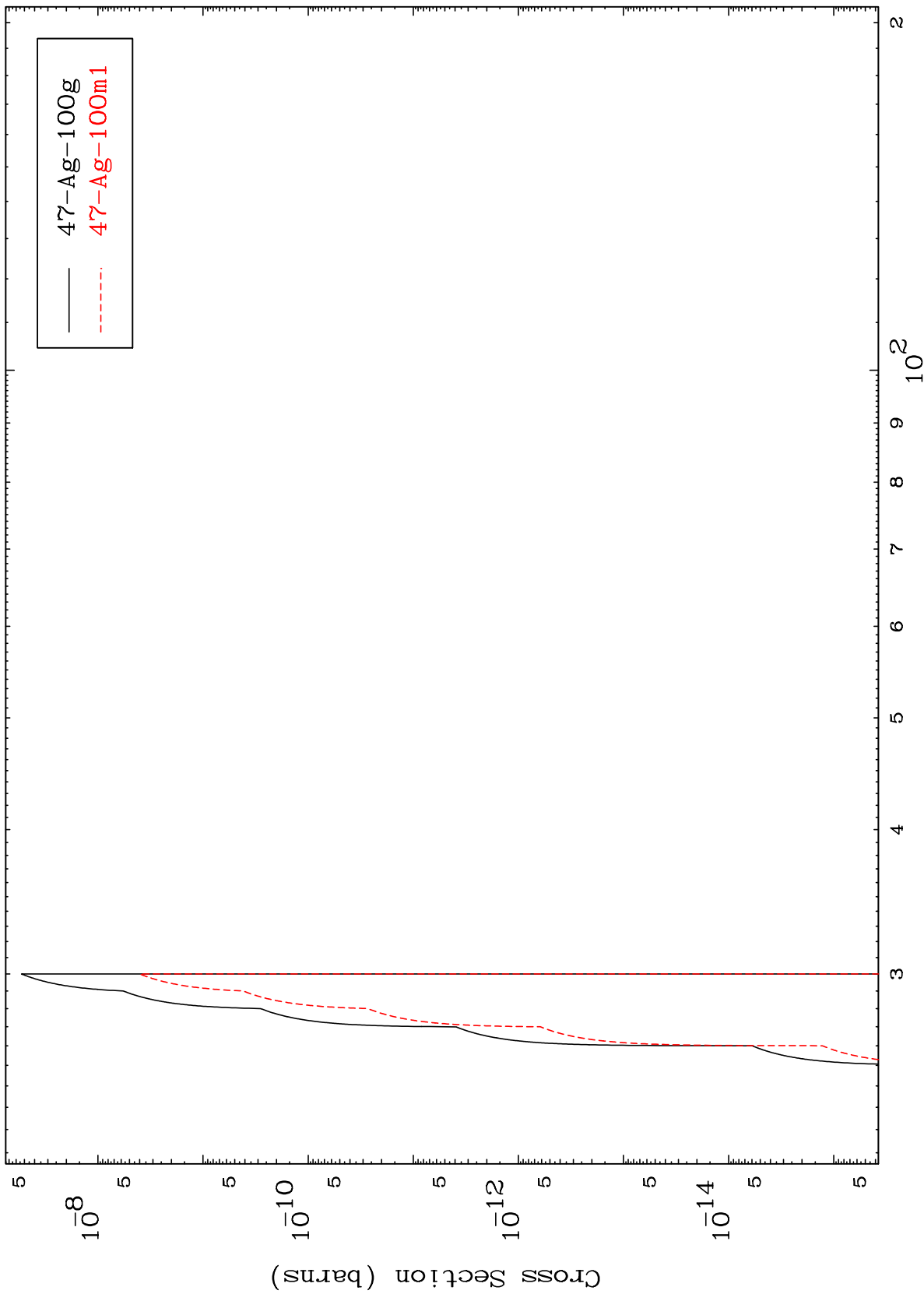
49-In-106

MAT 4905

(n,3n)  $\alpha$

49-In-106

Radionuclide Production Cross Section



47-Ag-100g  
47-Ag-100ml

23

Incident Energy (MeV)

49-In-106

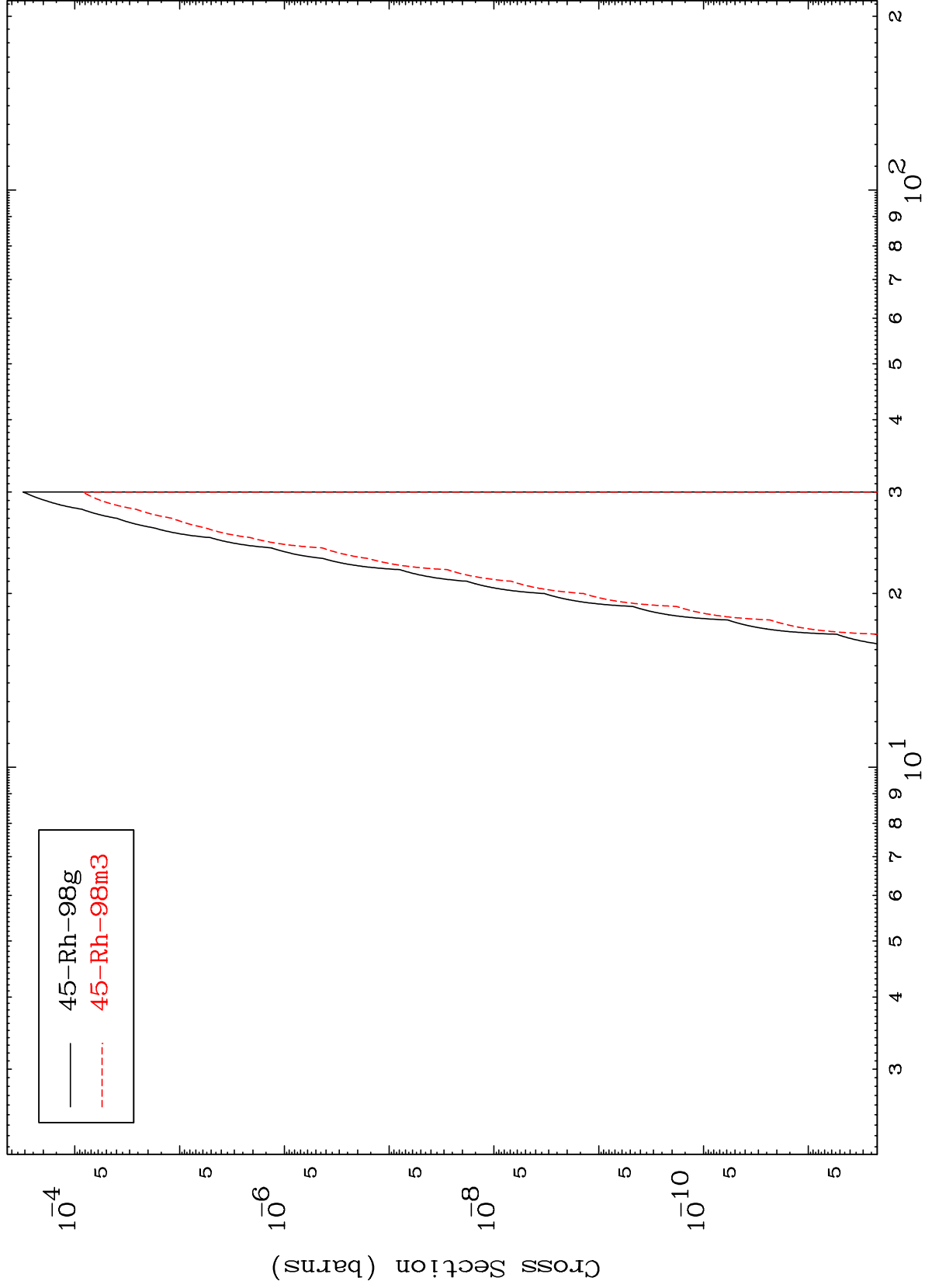


MAT 4905

(n,n') 2α

49-In-106

Radionuclide Production Cross Section



24

Incident Energy (MeV)

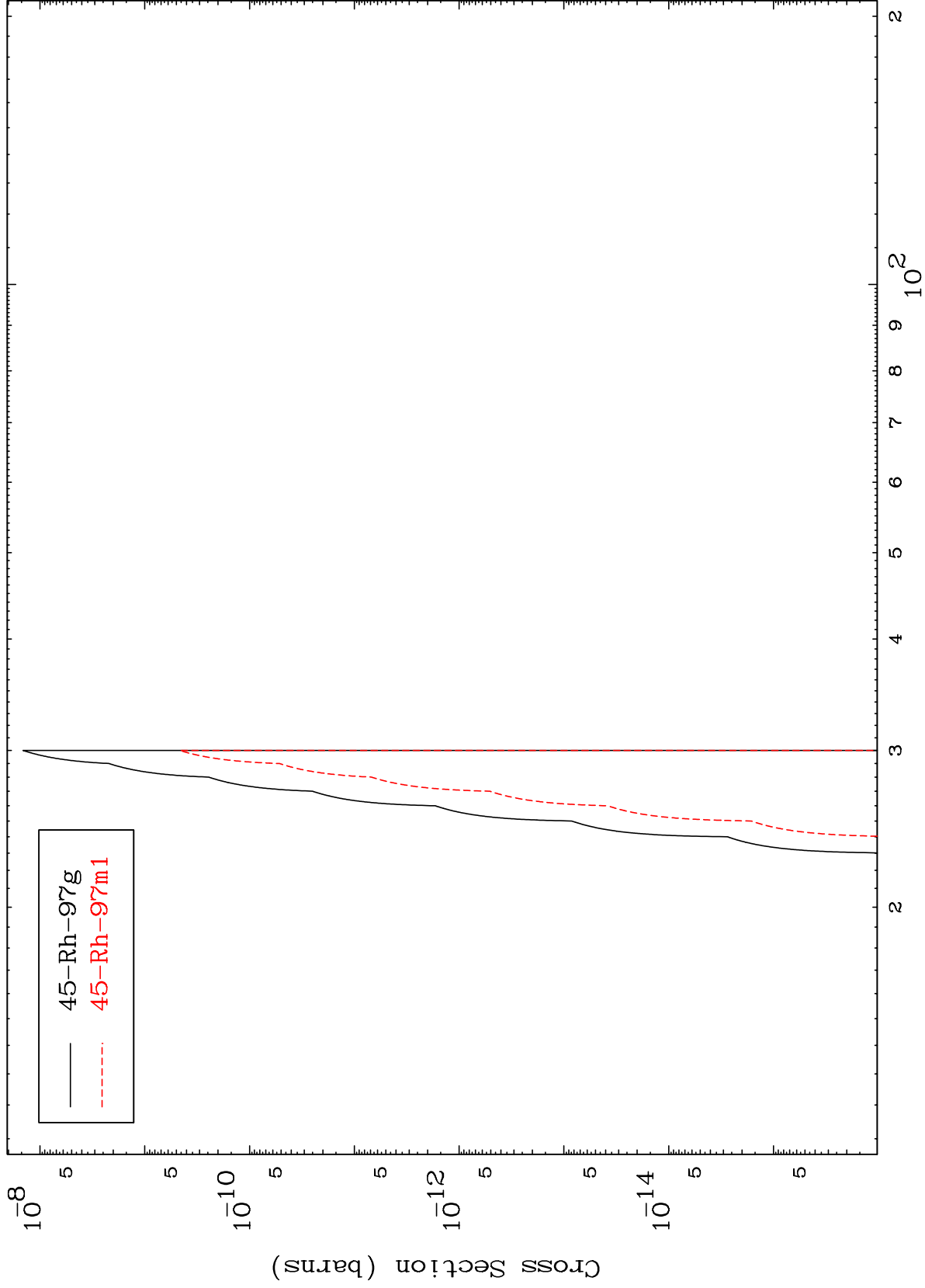
49-In-106

MAT 4905

(n,2n) 2 $\alpha$

49-In-106

Radionuclide Production Cross Section



25

Incident Energy (MeV)

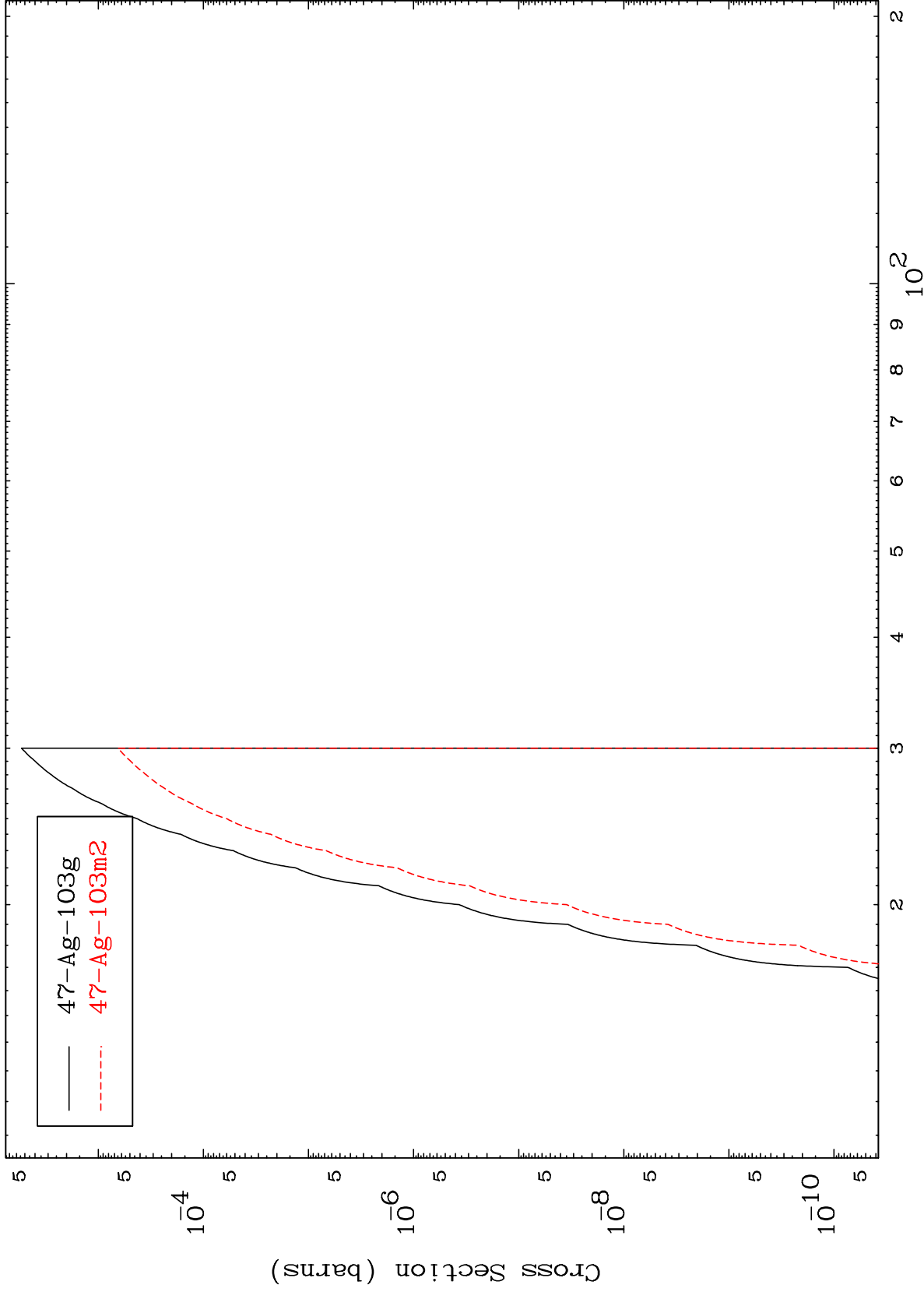
49-In-106

MAT 4905

(n,n') He-3

49-In-106

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-106

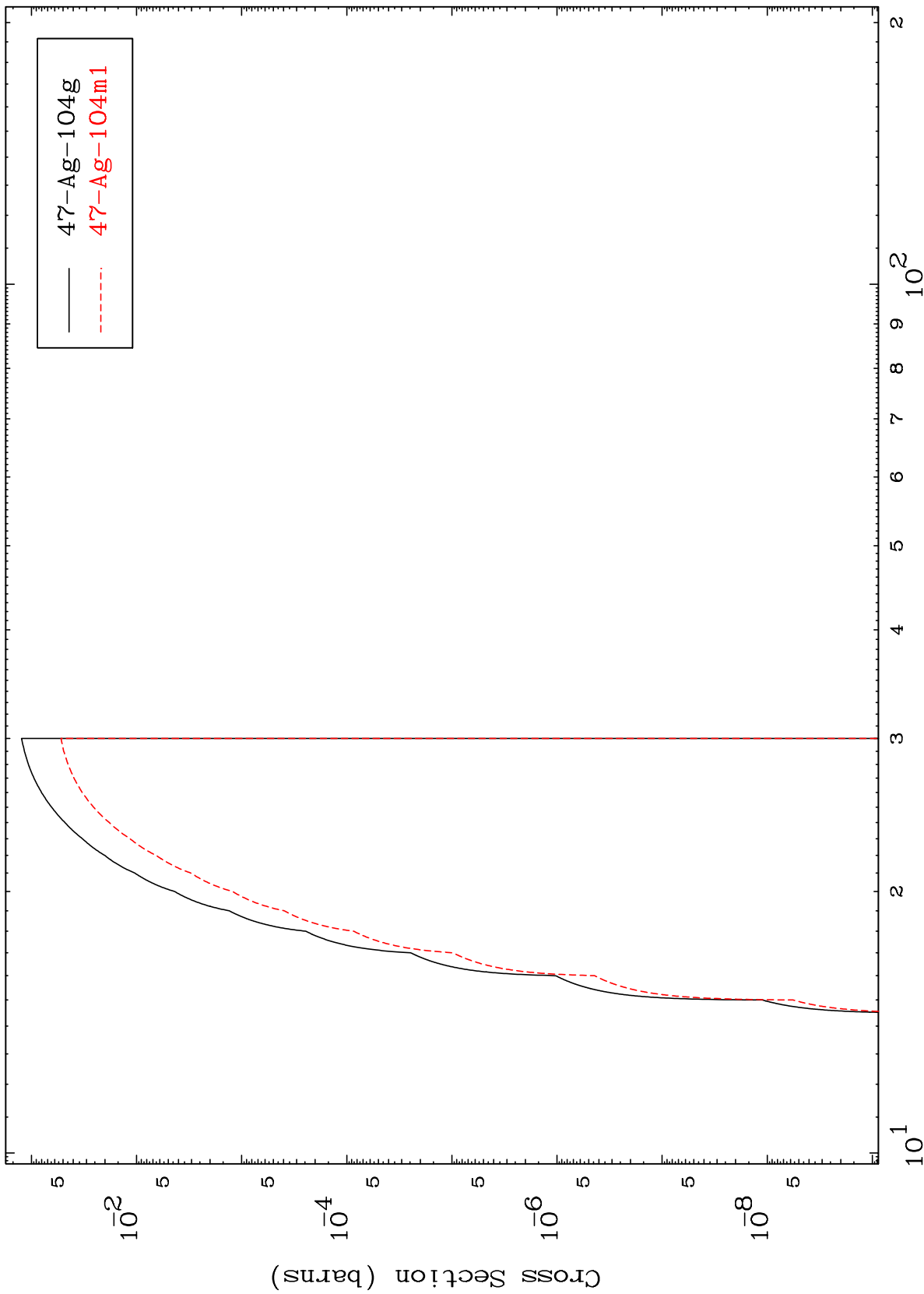
26

MAT 4905

(n,2n) p

49-In-106

Radionuclide Production Cross Section



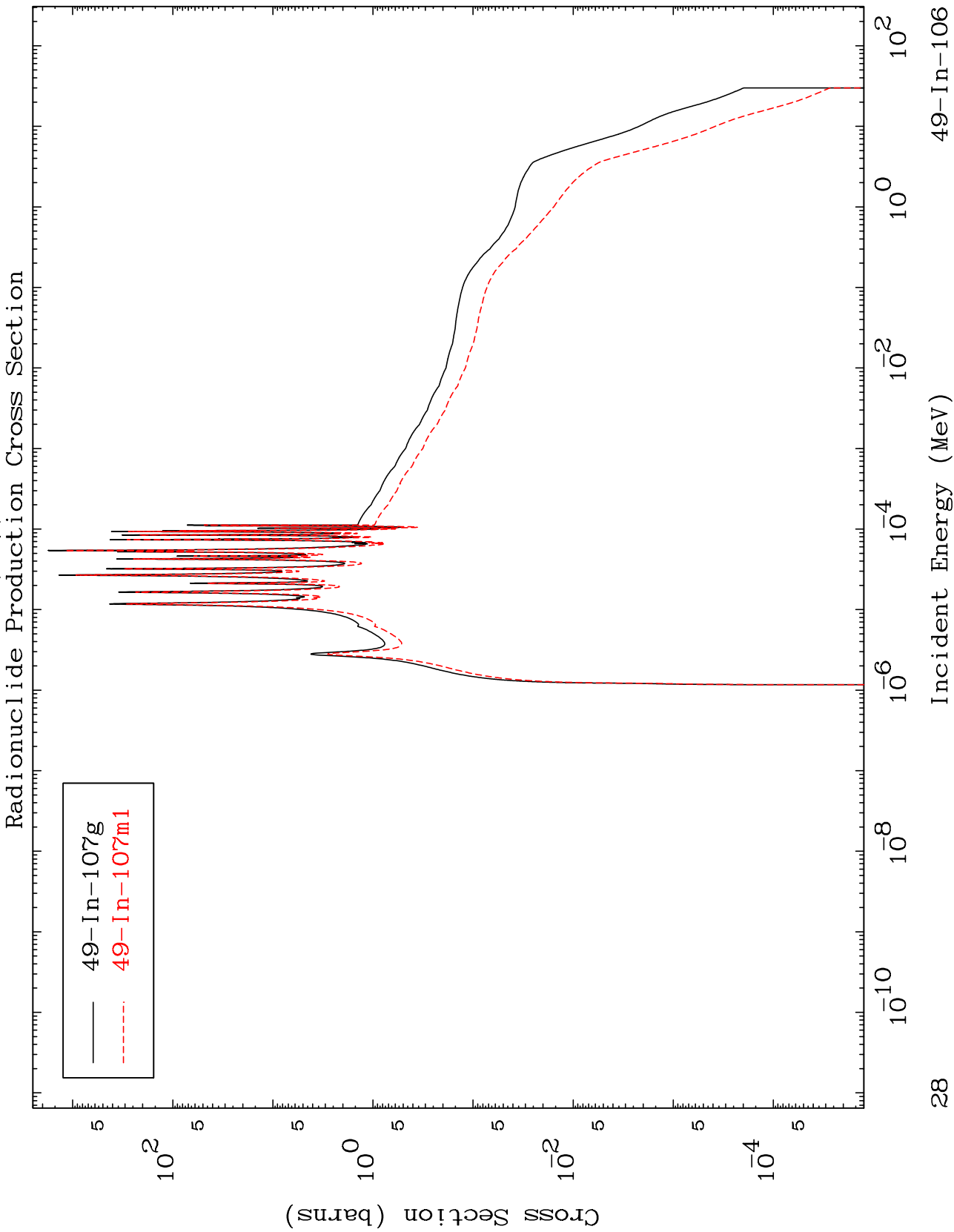
Incident Energy (MeV)

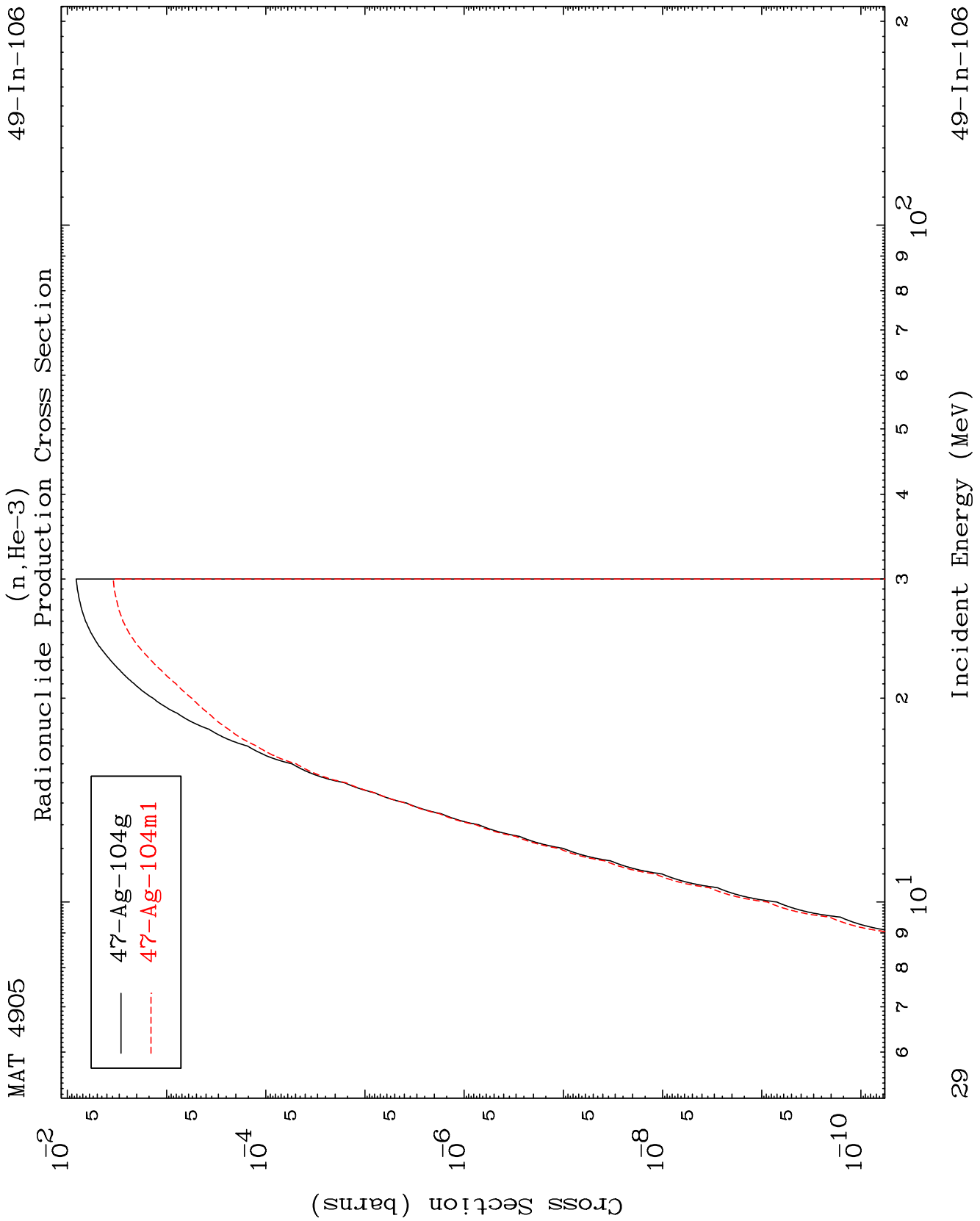
49-In-106

27

MAT 4905

49-In-106

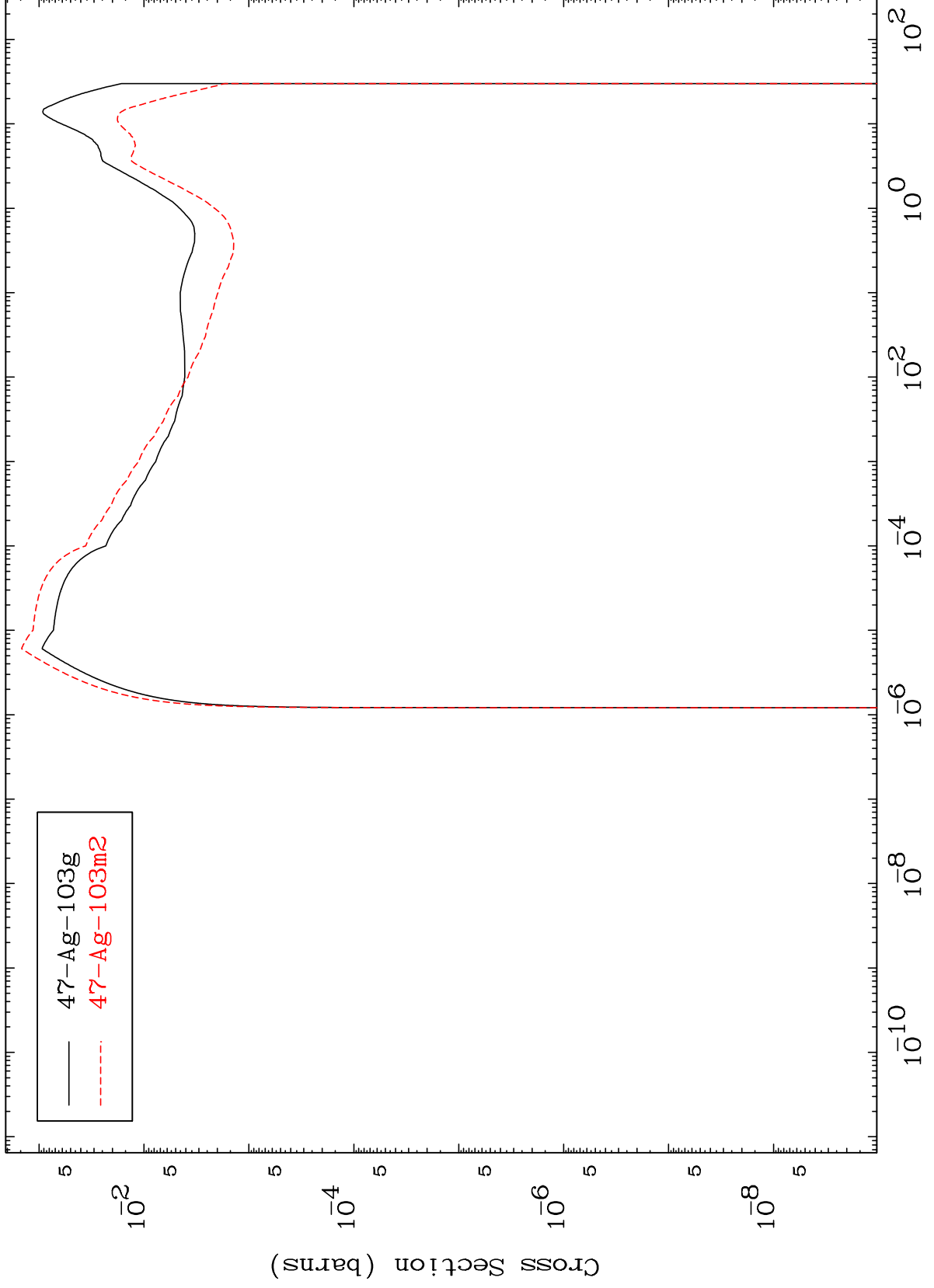




MAT 4905

49-In-106

Radionuclide Production Cross Section  
(n,  $\alpha$ )



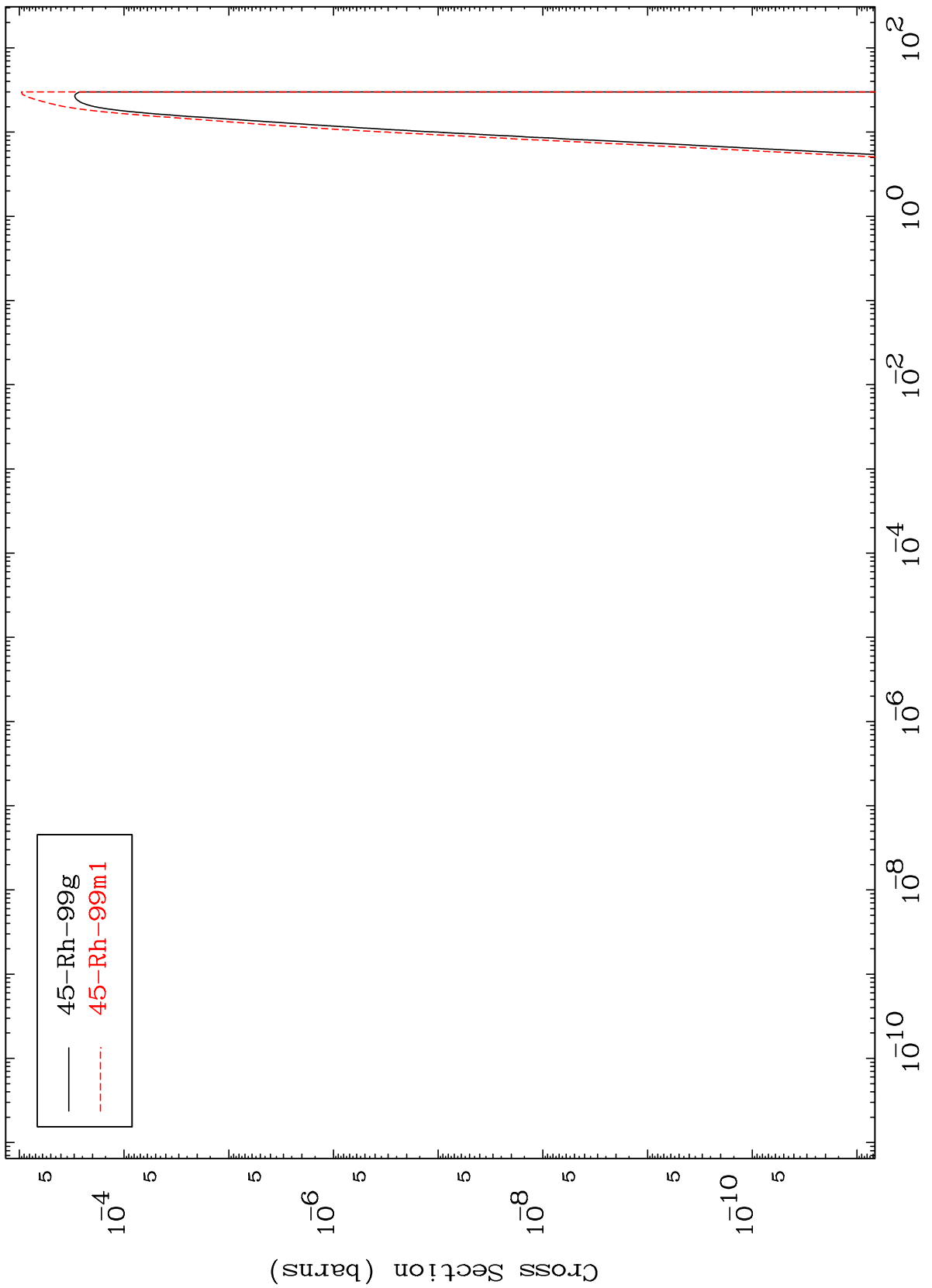
— 47-Ag-103g  
- - - 47-Ag-103m2

MAT 4905

(n,2α)

49-In-106

Radionuclide Production Cross Section



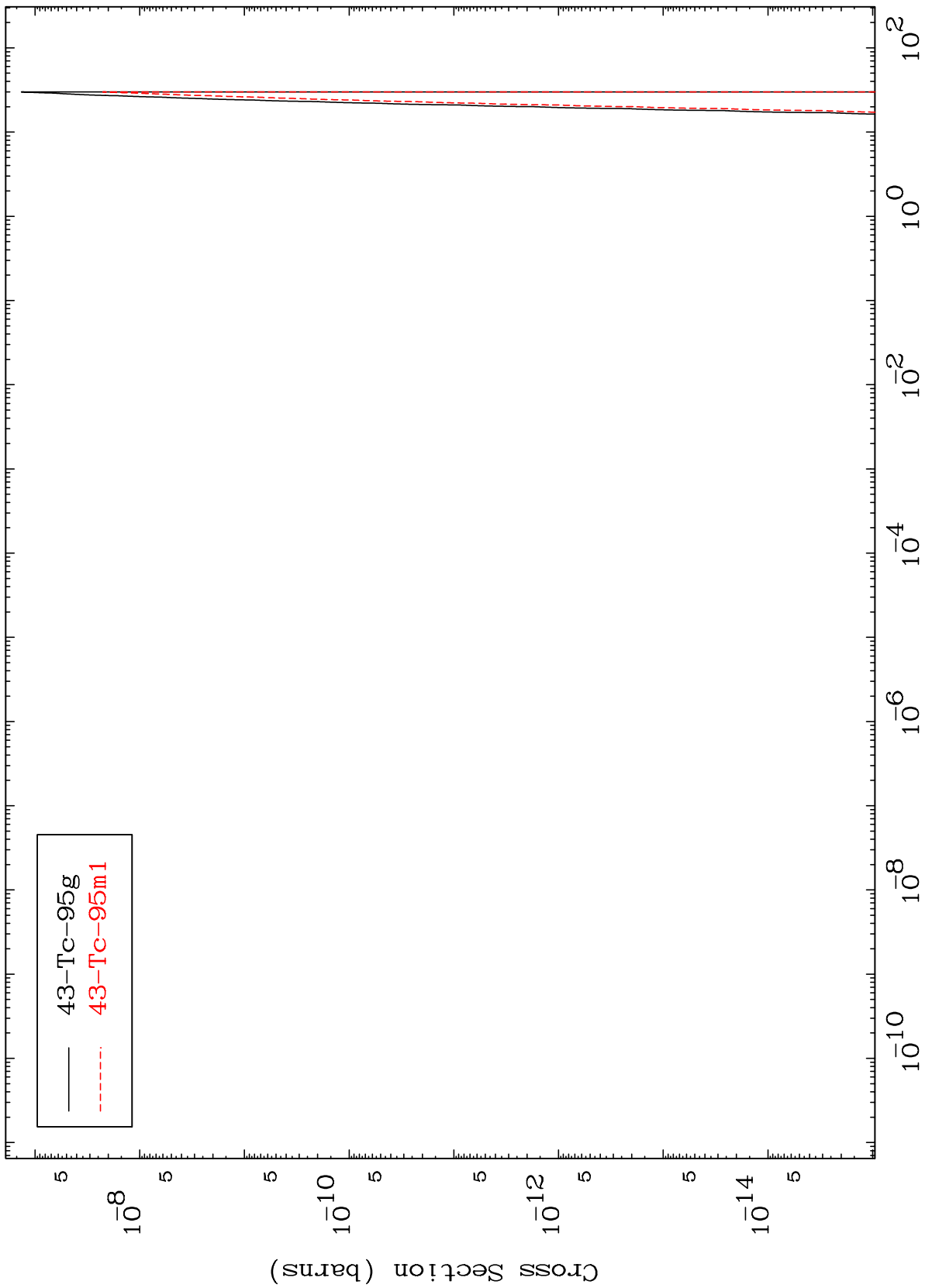


MAT 4905

(n,3α)

49-In-106

Radionuclide Production Cross Section

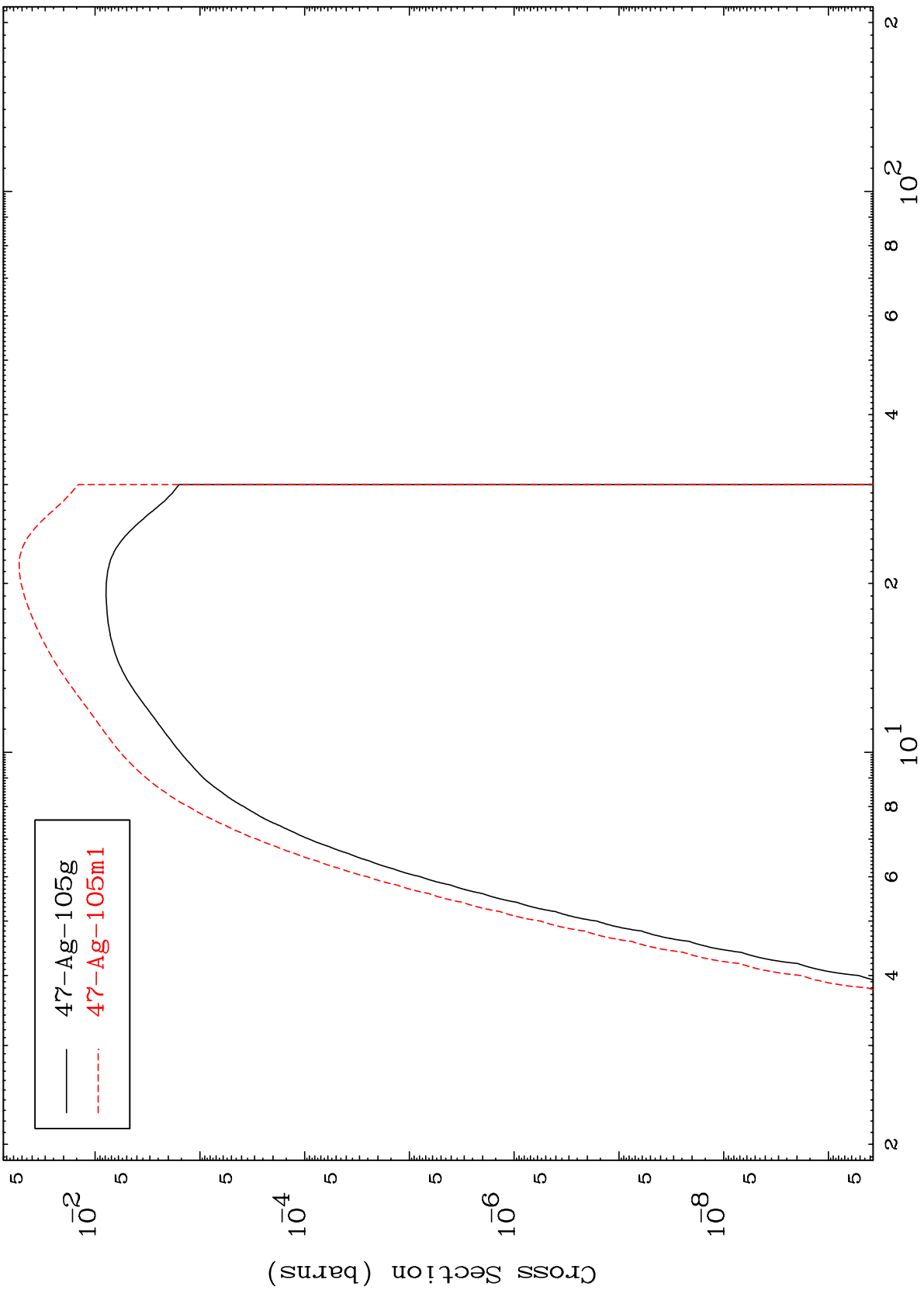


— 43-Tc-95g  
- - - 43-Tc-95m1

MAT 4905

49-In-106

(n,2p)  
Radionuclide Production Cross Section



33

49-In-106

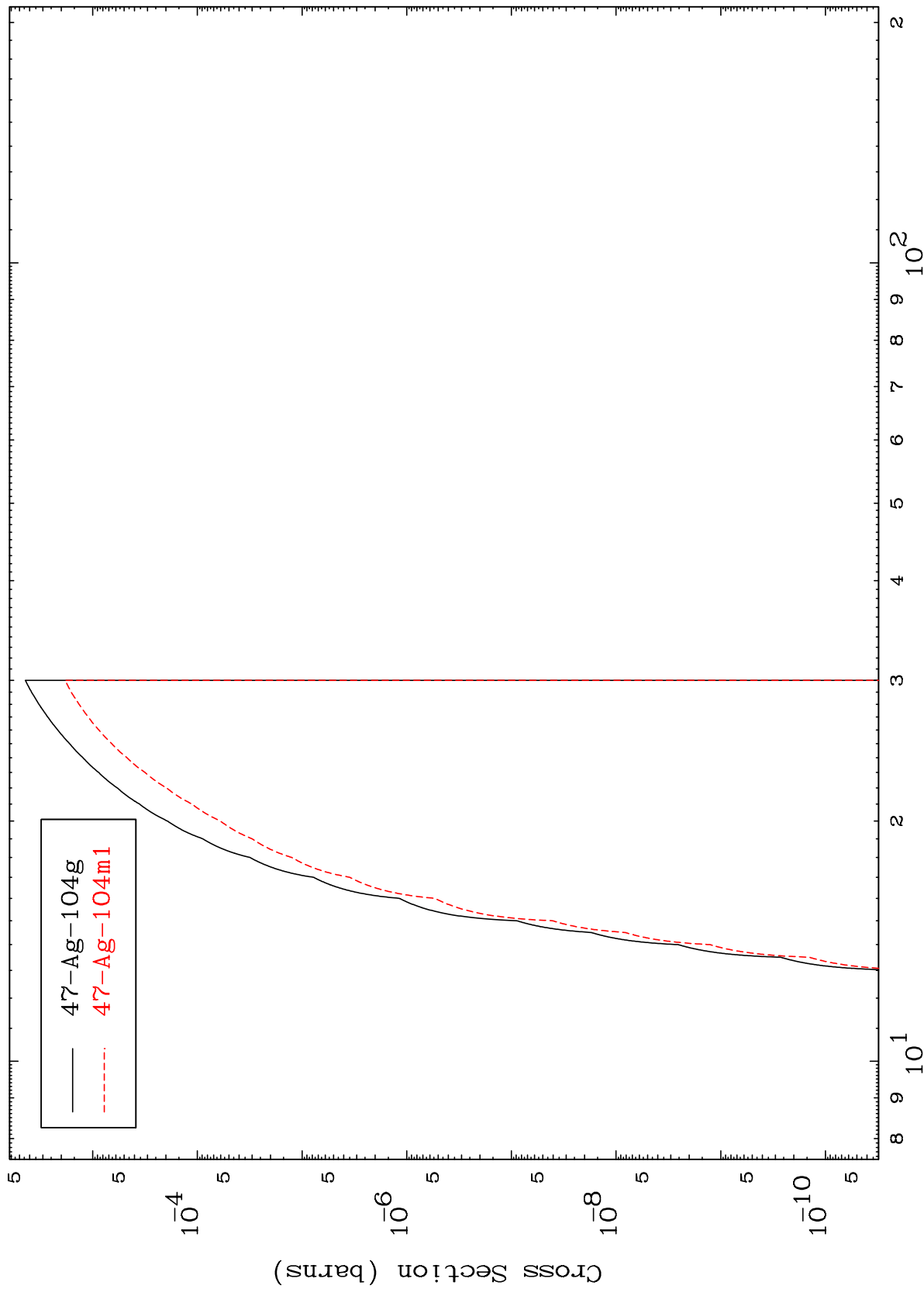
Incident Energy (MeV)

MAT 4905

(n,p) d

49-In-106

Radionuclide Production Cross Section



34

Incident Energy (MeV)

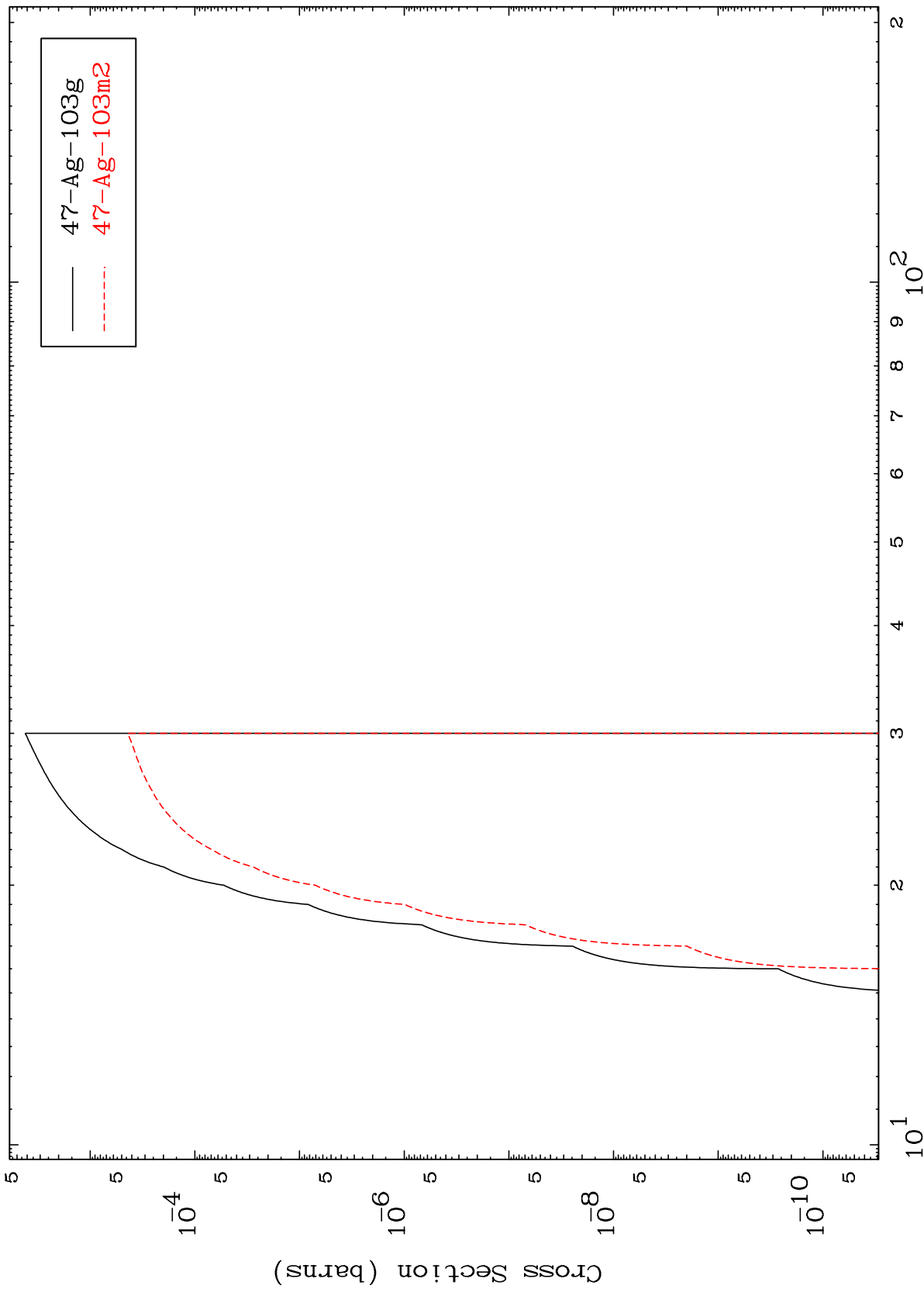
49-In-106

MAT 4905

(n,p) t

49-In-106

Radionuclide Production Cross Section



35

Incident Energy (MeV)

49-In-106