

Program EVALPLOT  
(Version 2018-1)

by

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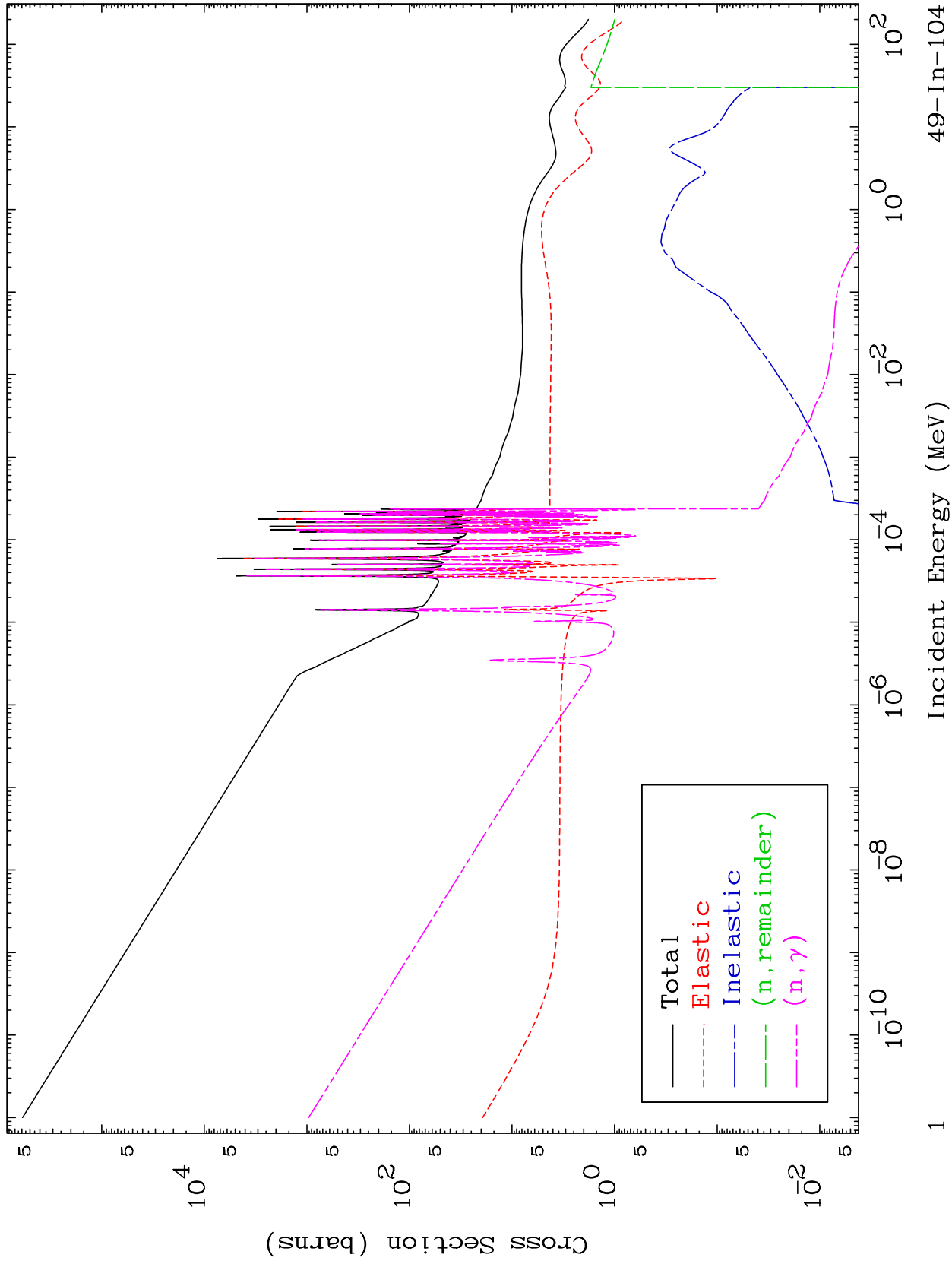
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4899

Major  
293 Kelvin Cross Sections

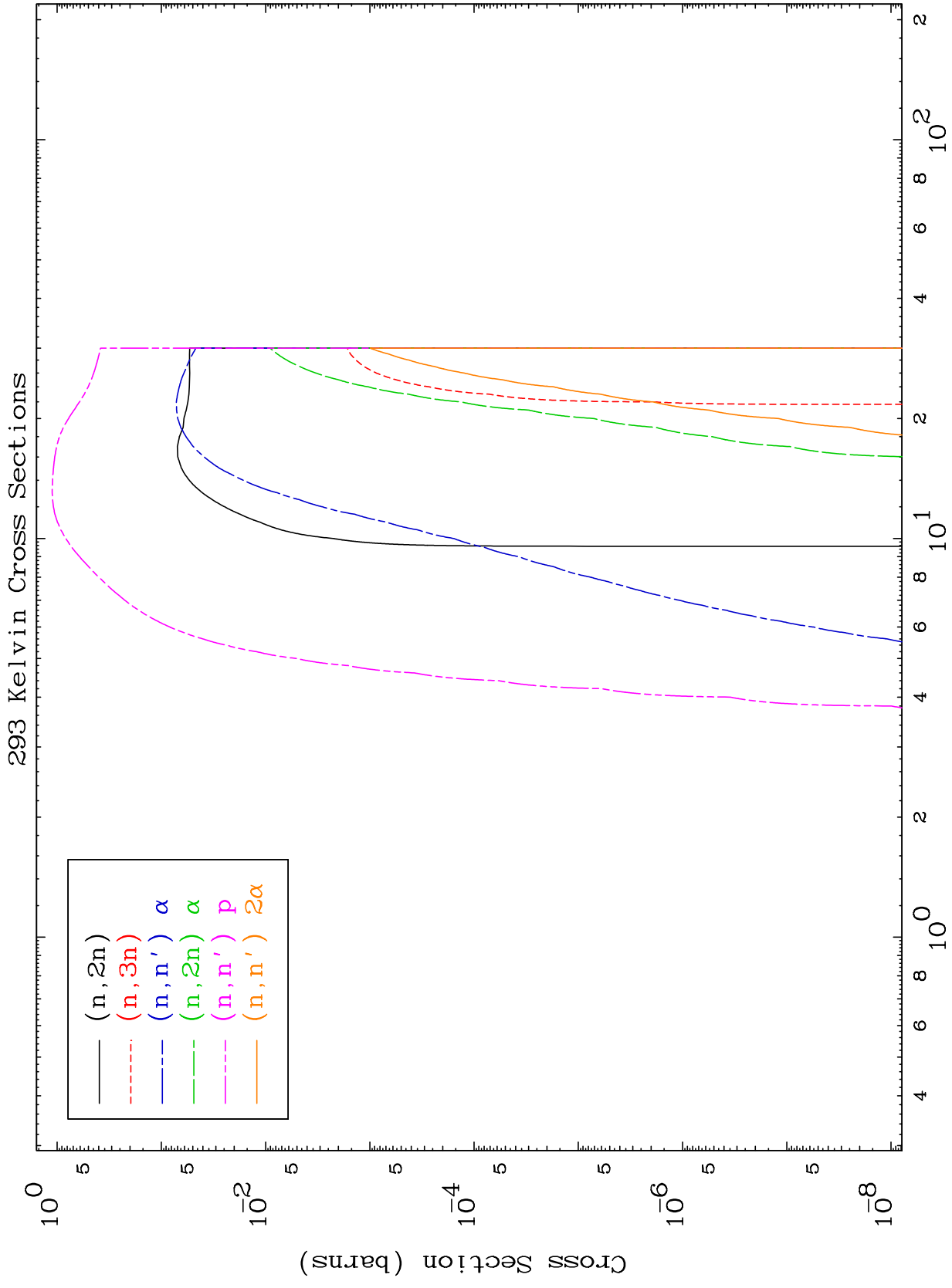
49-In-104



MAT 4899

Neutron Production

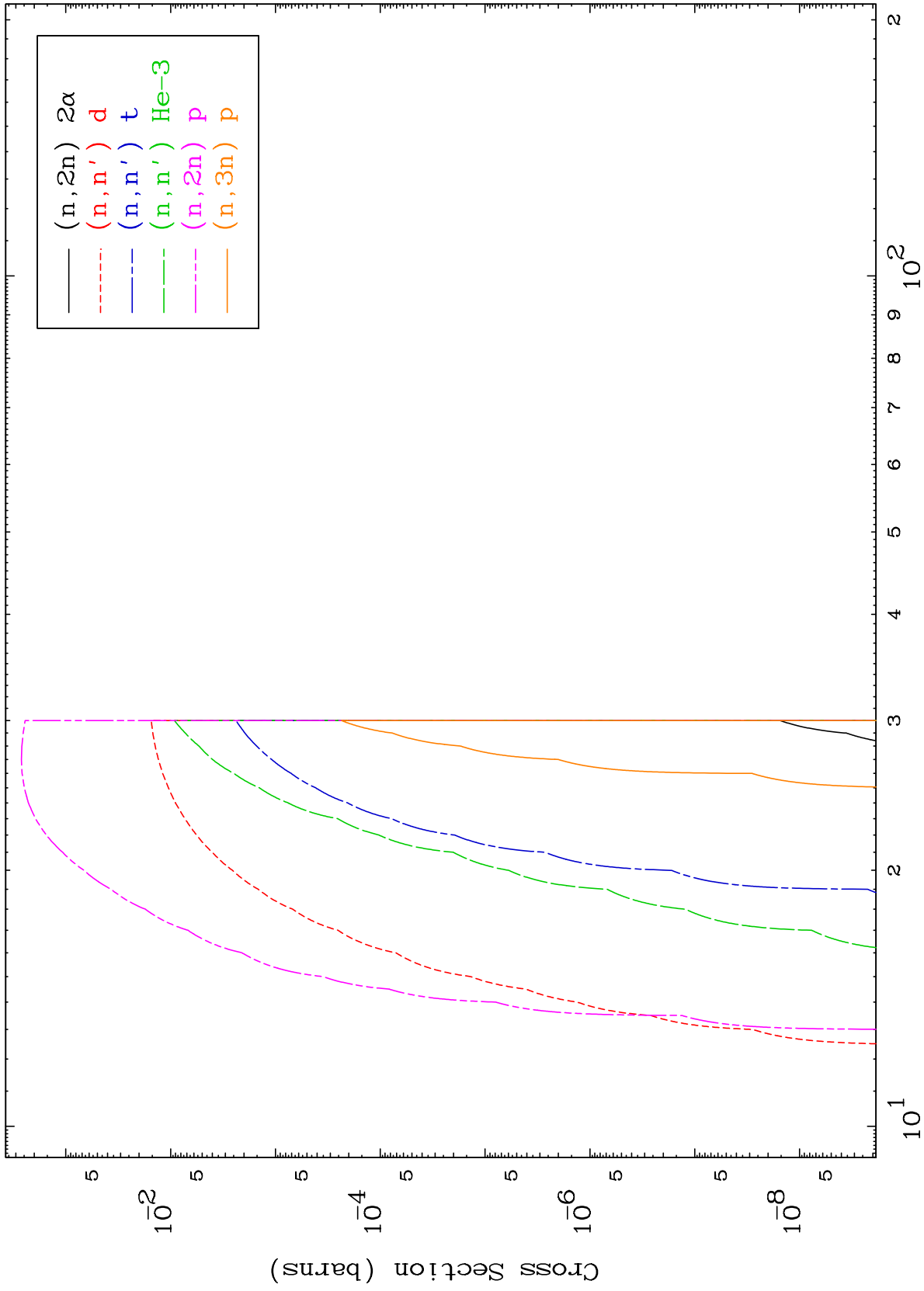
49-In-104



MAT 4899

### Neutron Production 293 Kelvin Cross Sections

49-In-104

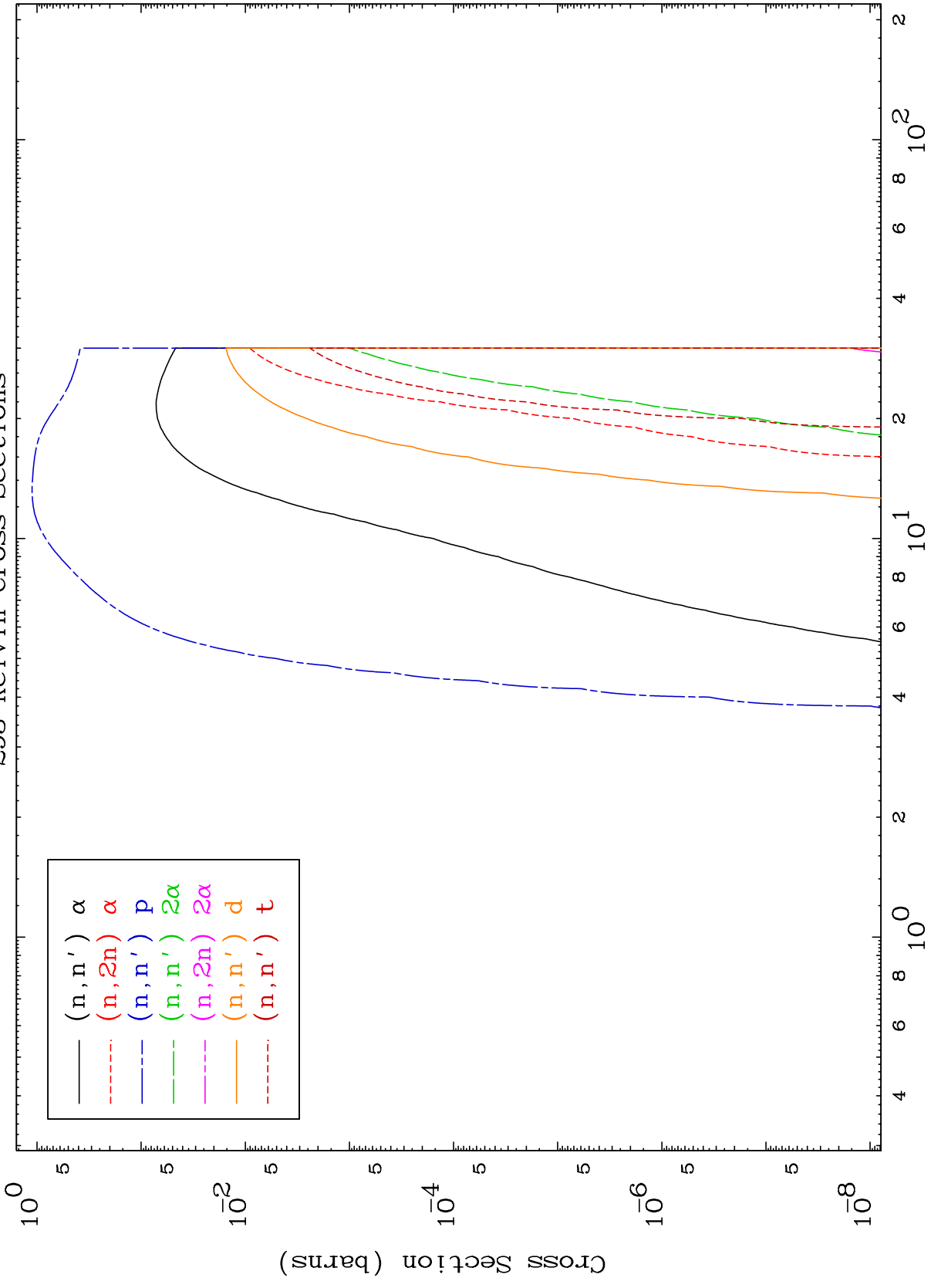


49-In-104

MAT 4899

Charged Particle  
293 Kelvin Cross Sections

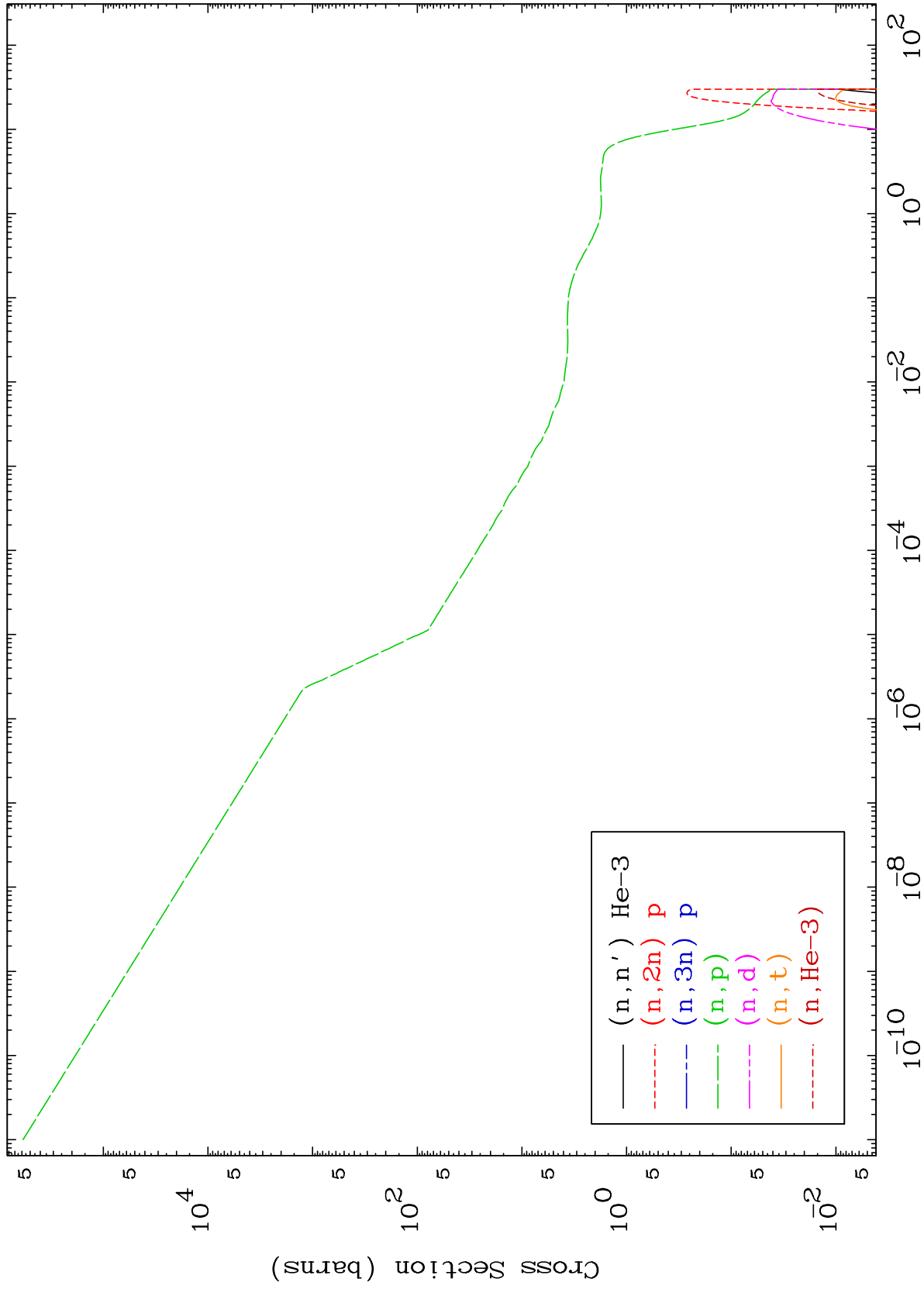
49-In-104



MAT 4899

Charged Particle  
293 Kelvin Cross Sections

49-In-104



5

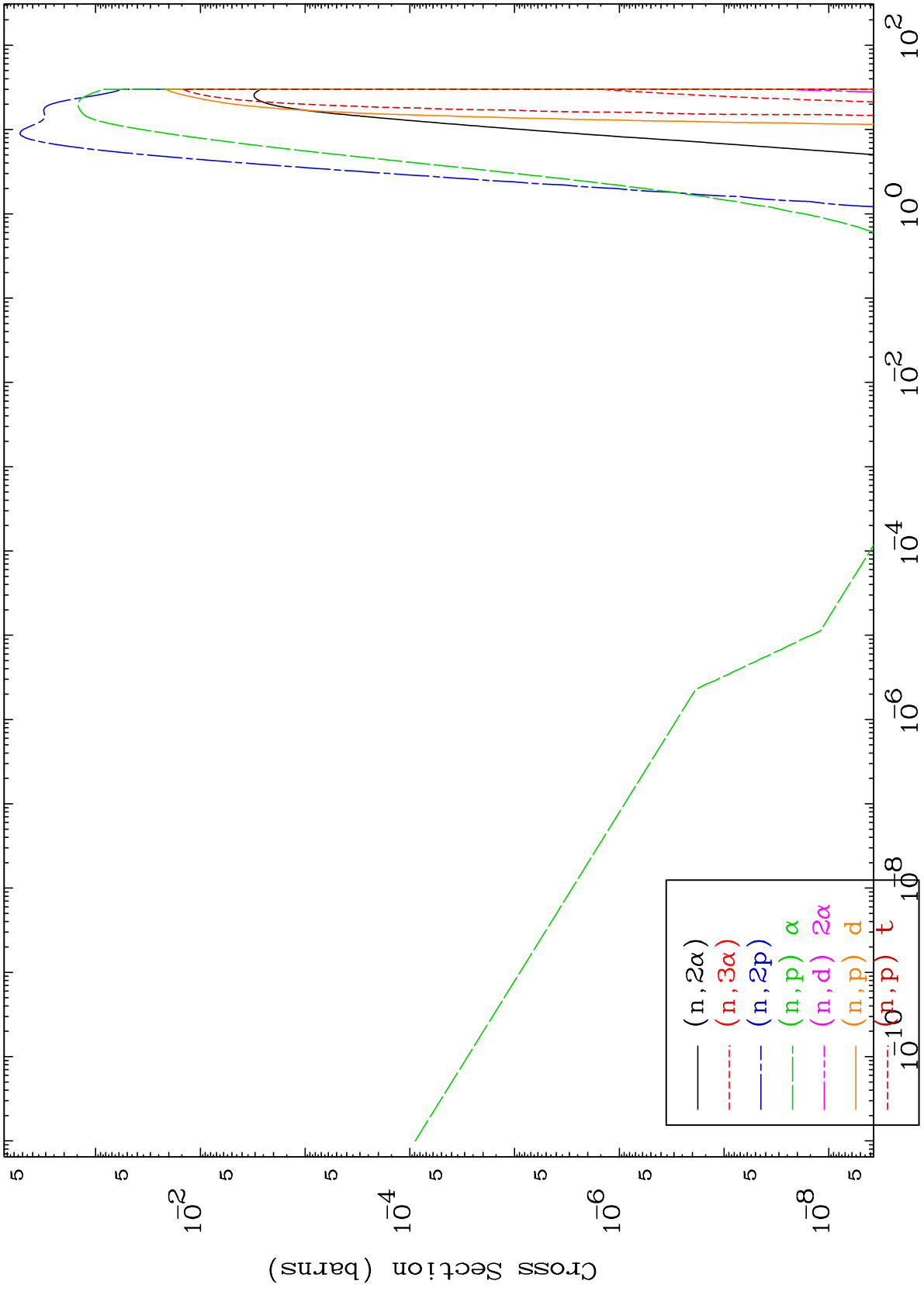
Incident Energy (MeV)

49-In-104

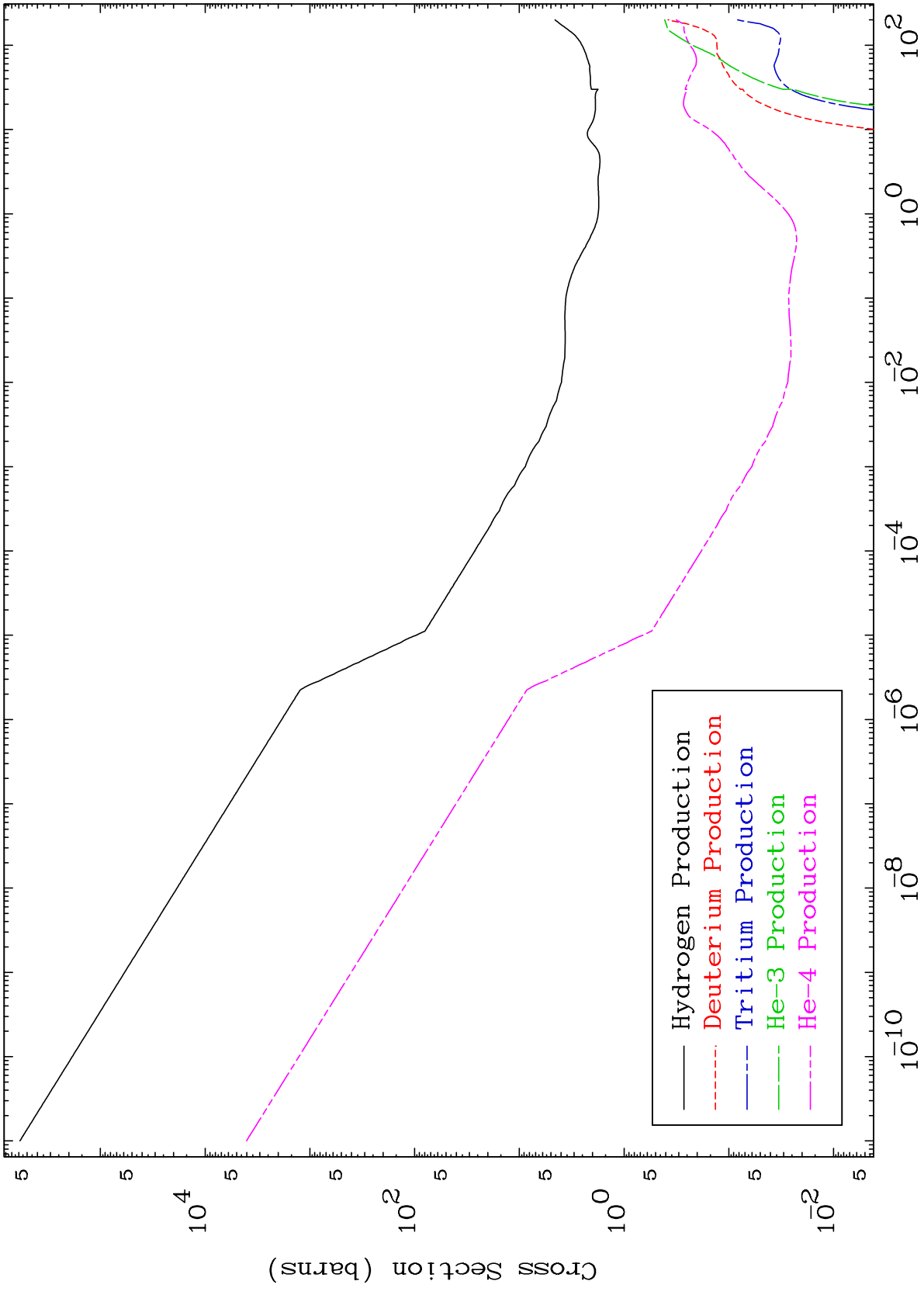
MAT 4899

Charged Particle  
293 Kelvin Cross Sections

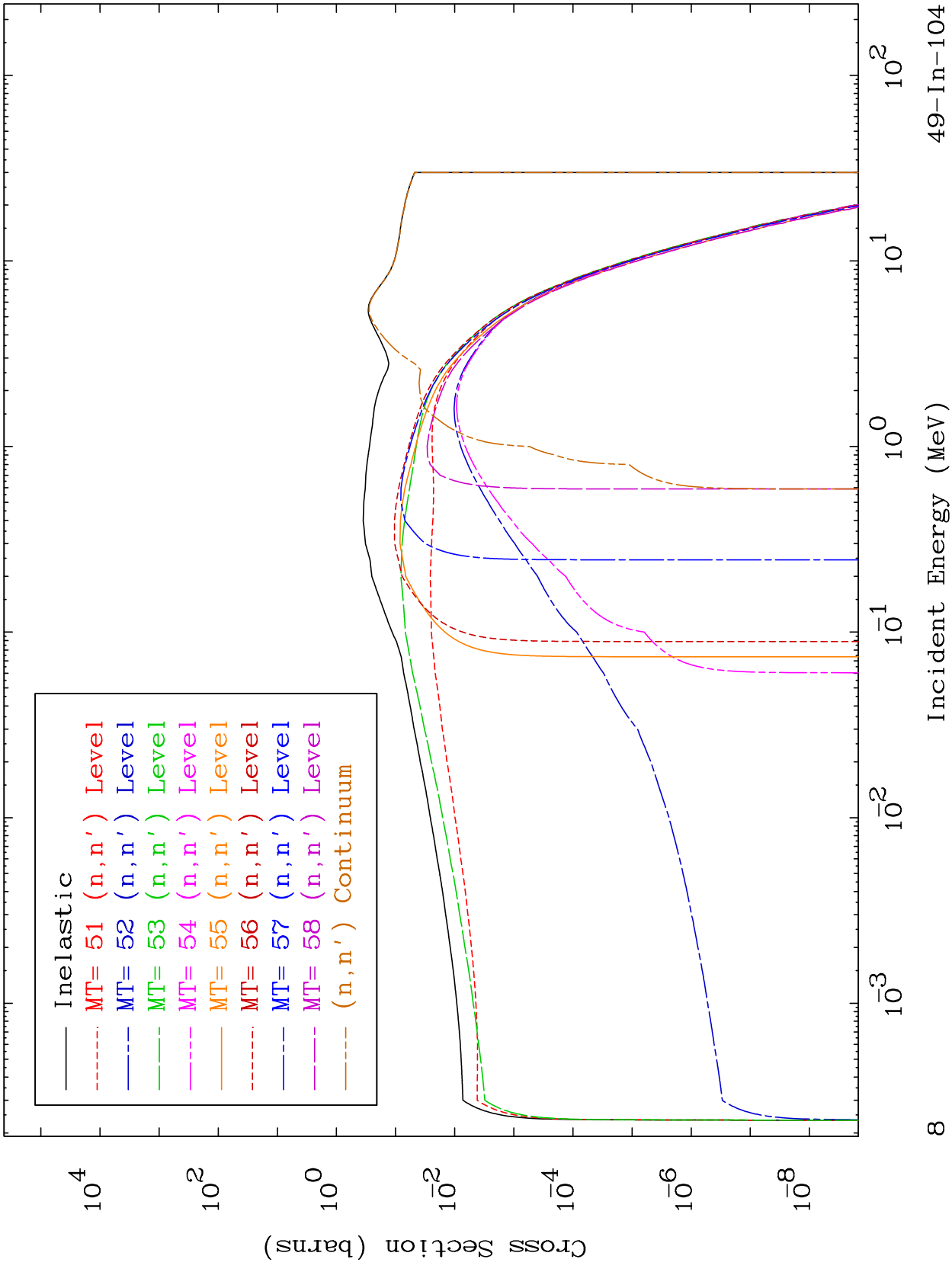
49-In-104



49-In-104



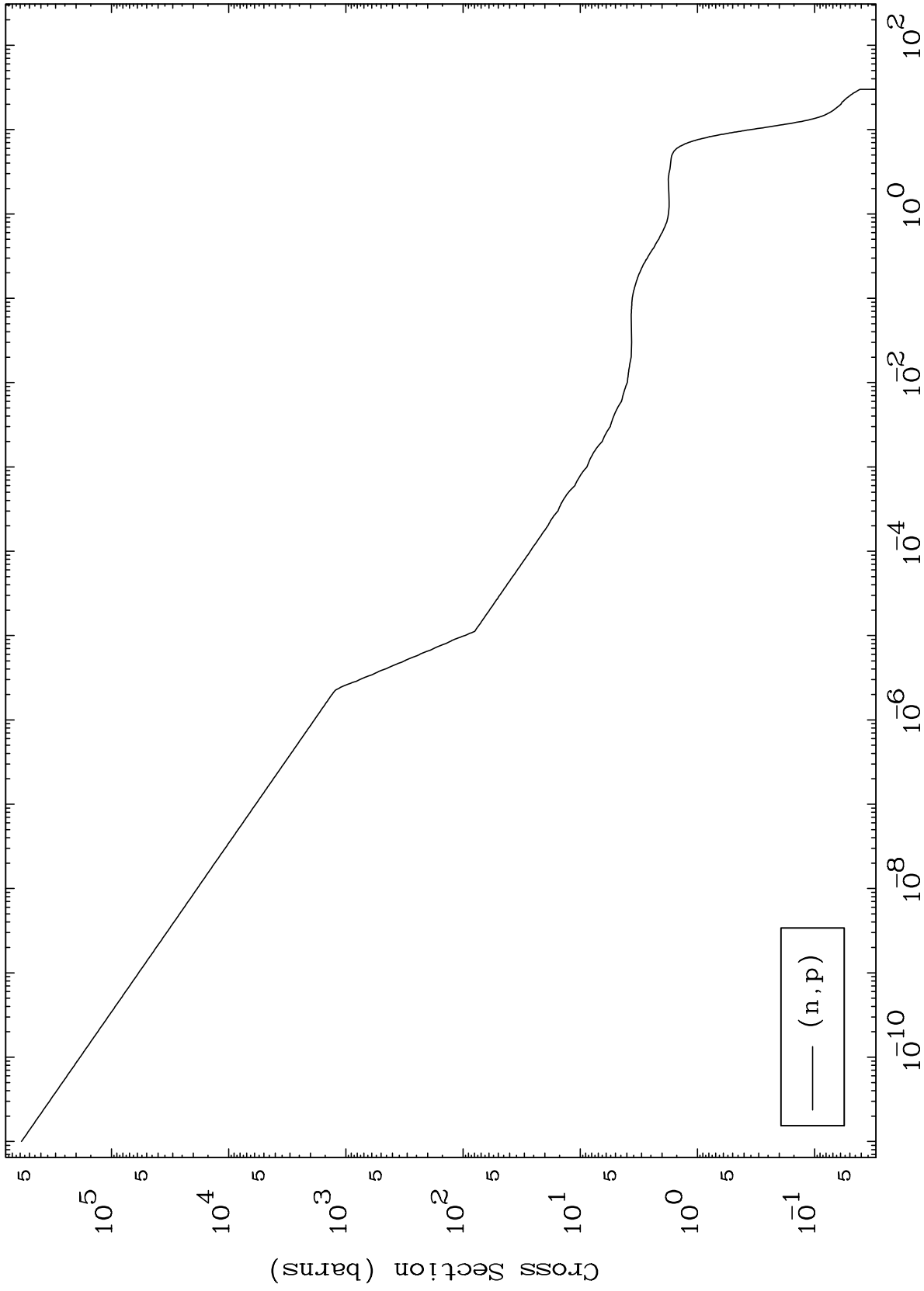




MAT 4899

(n,p) Levels  
293 Kelvin Cross Sections

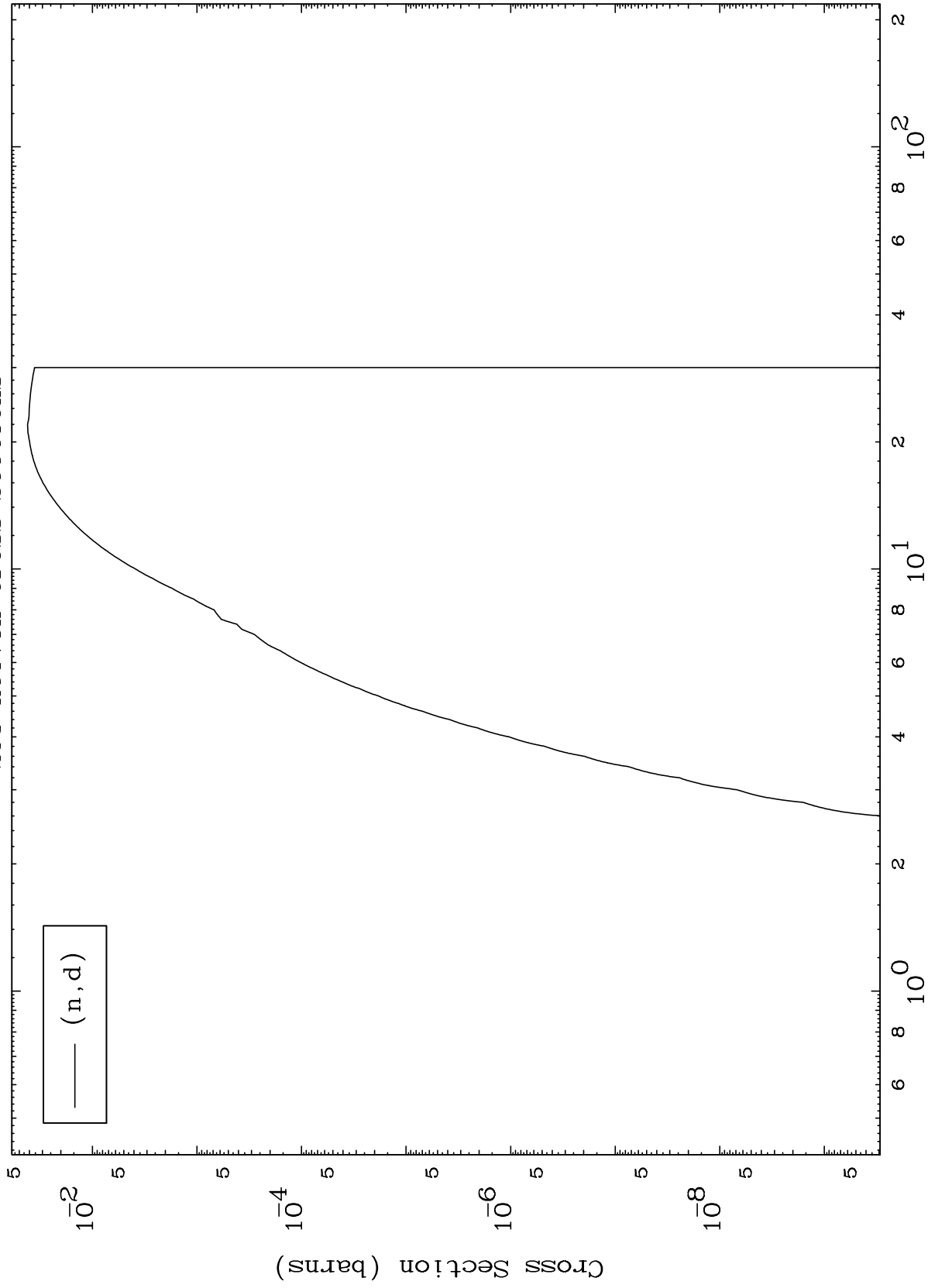
49-In-104



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(n,d) Levels  
293 Kelvin Cross Sections

49-In-104



10

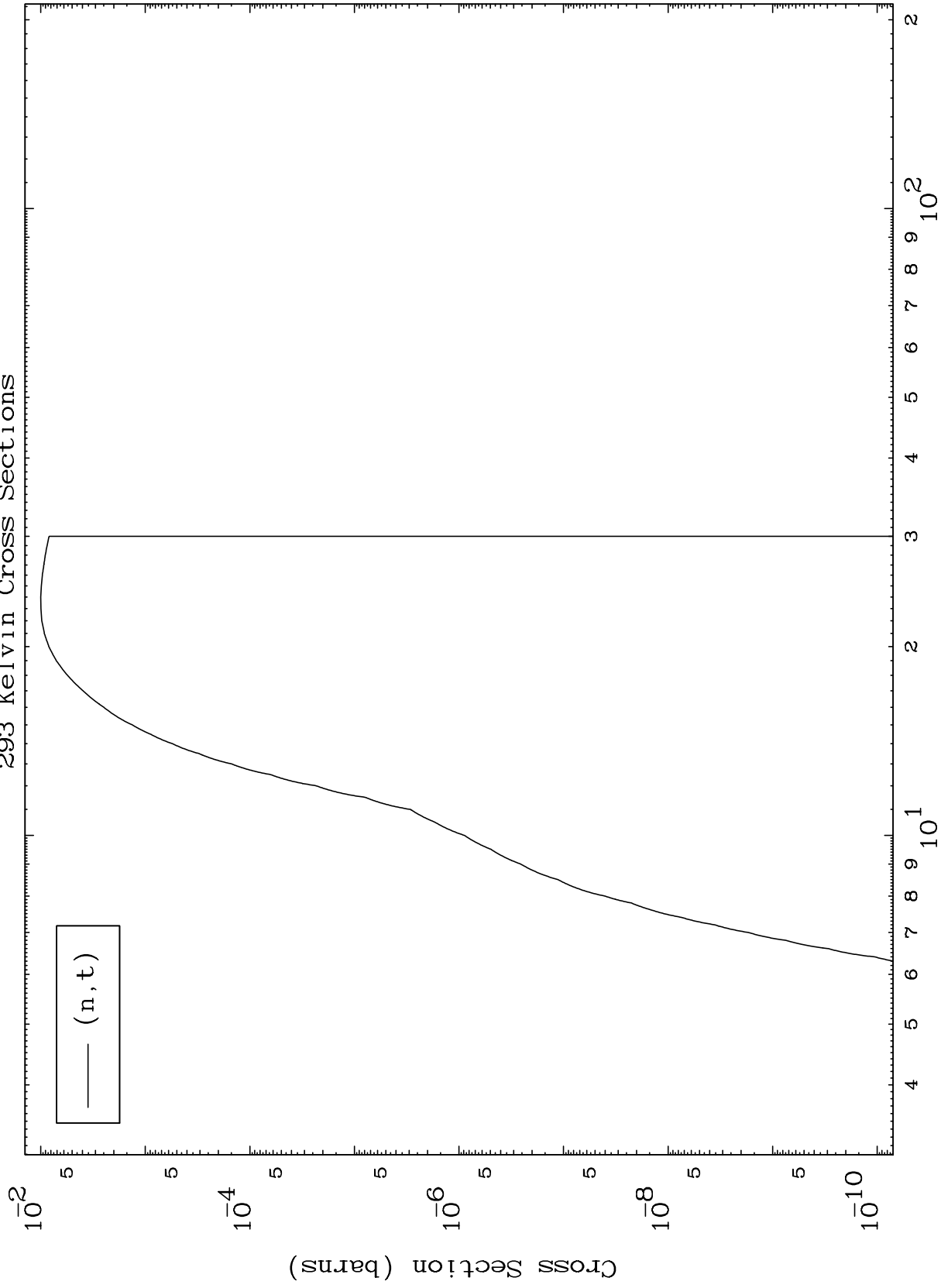
Incident Energy (MeV)

49-In-104

MAT 4899

(n,t) Levels  
293 Kelvin Cross Sections

49-In-104



11

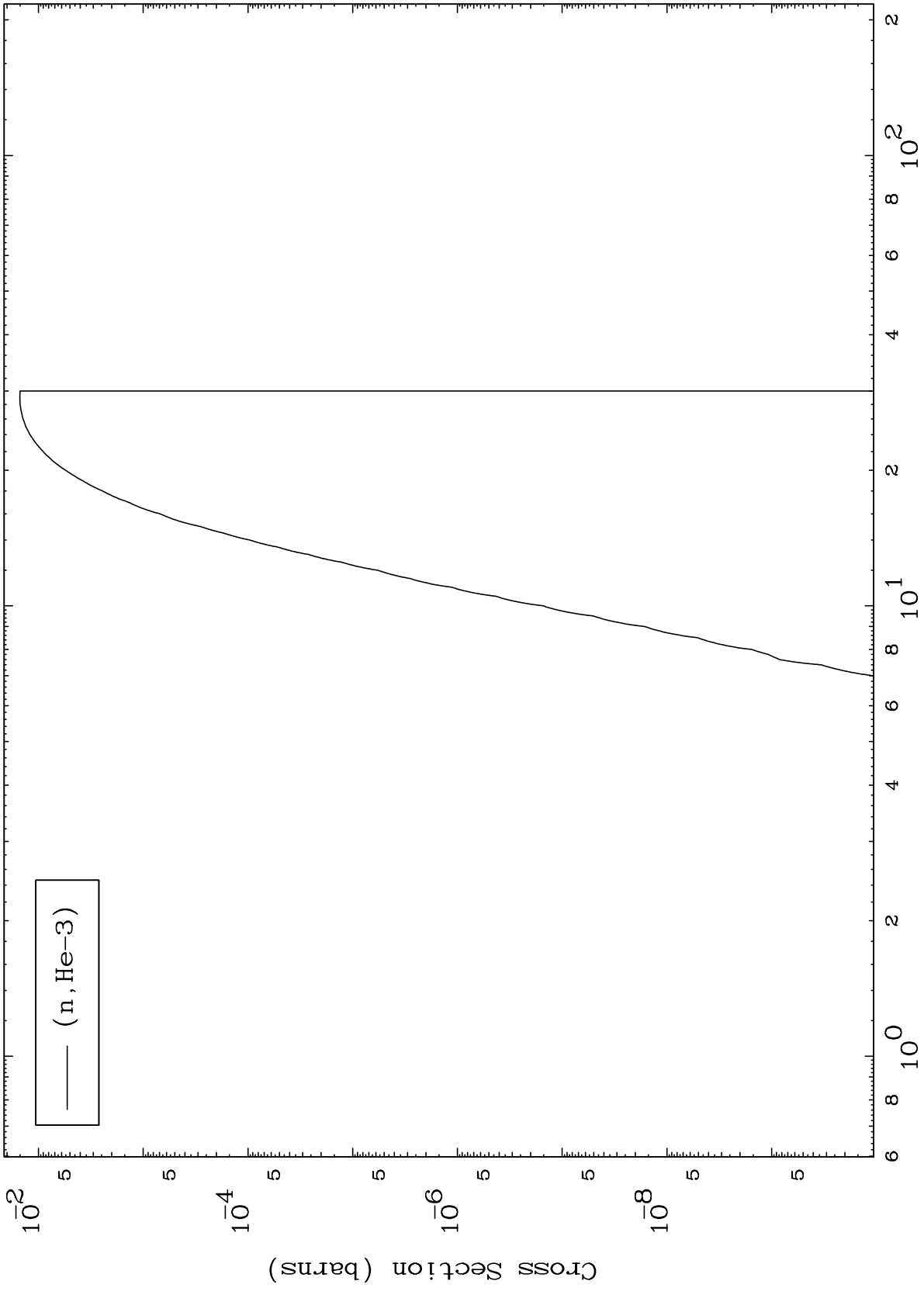
Incident Energy (MeV)

49-In-104

MAT 4899

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-104



12

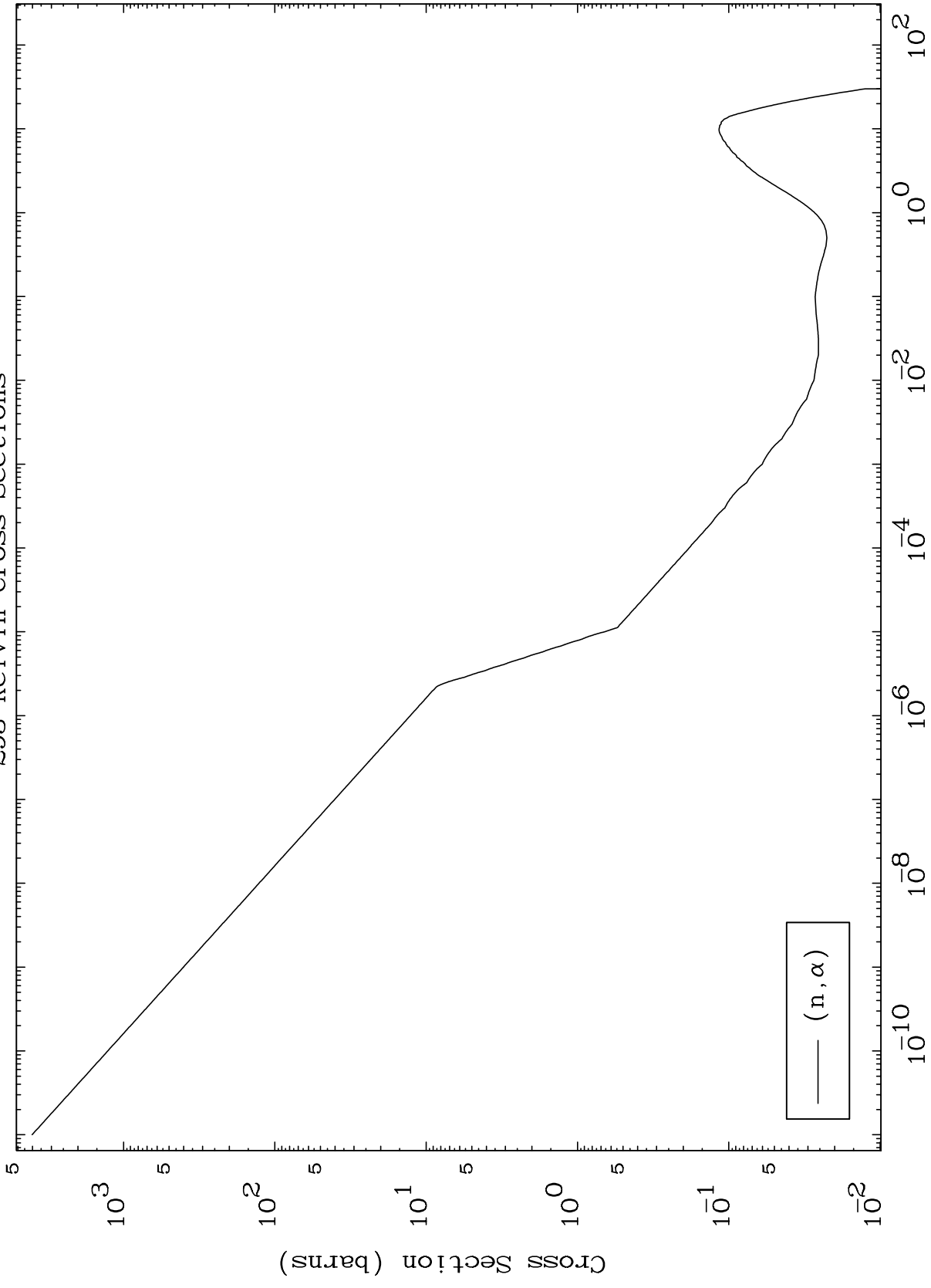
Incident Energy (MeV)

49-In-104

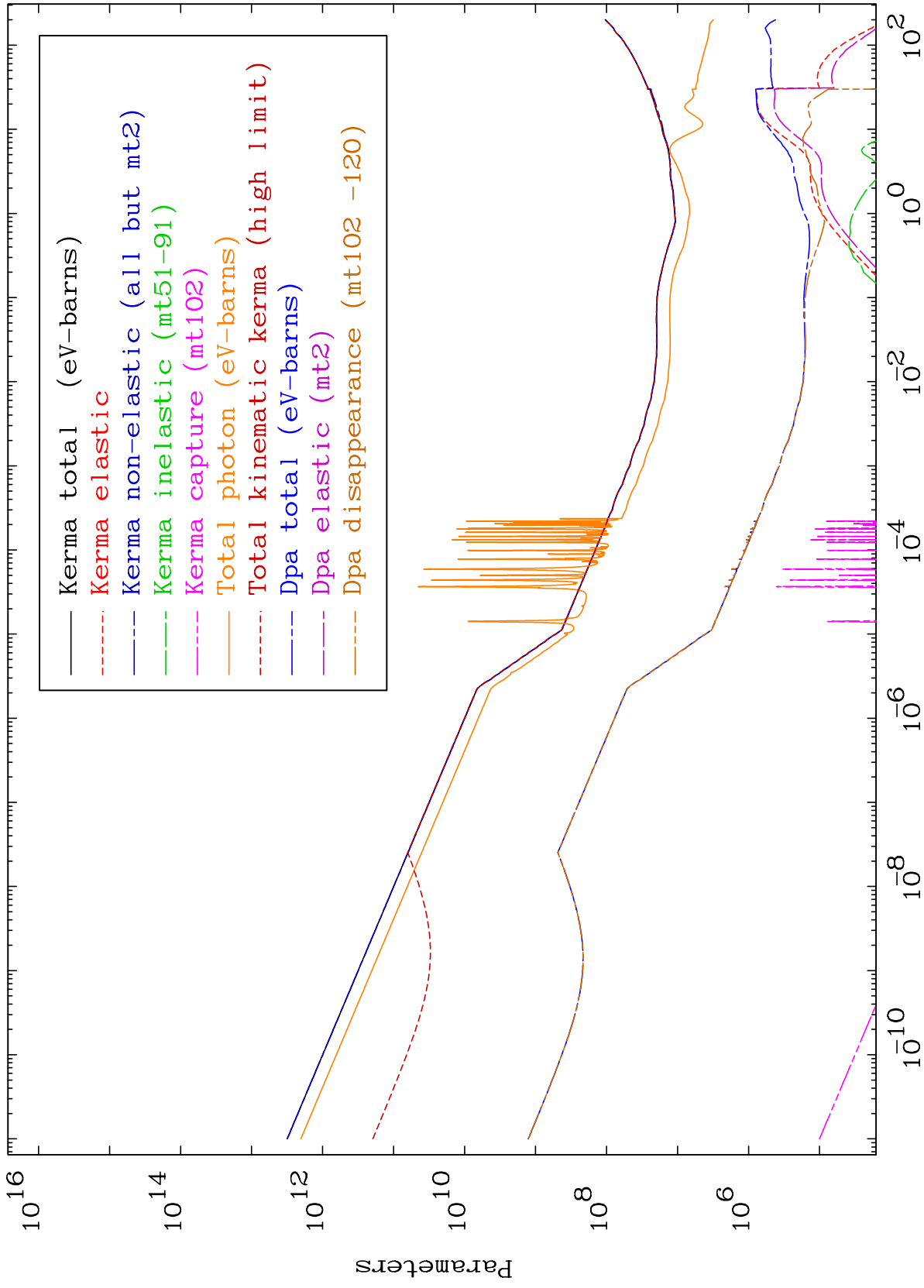
MAT 4899

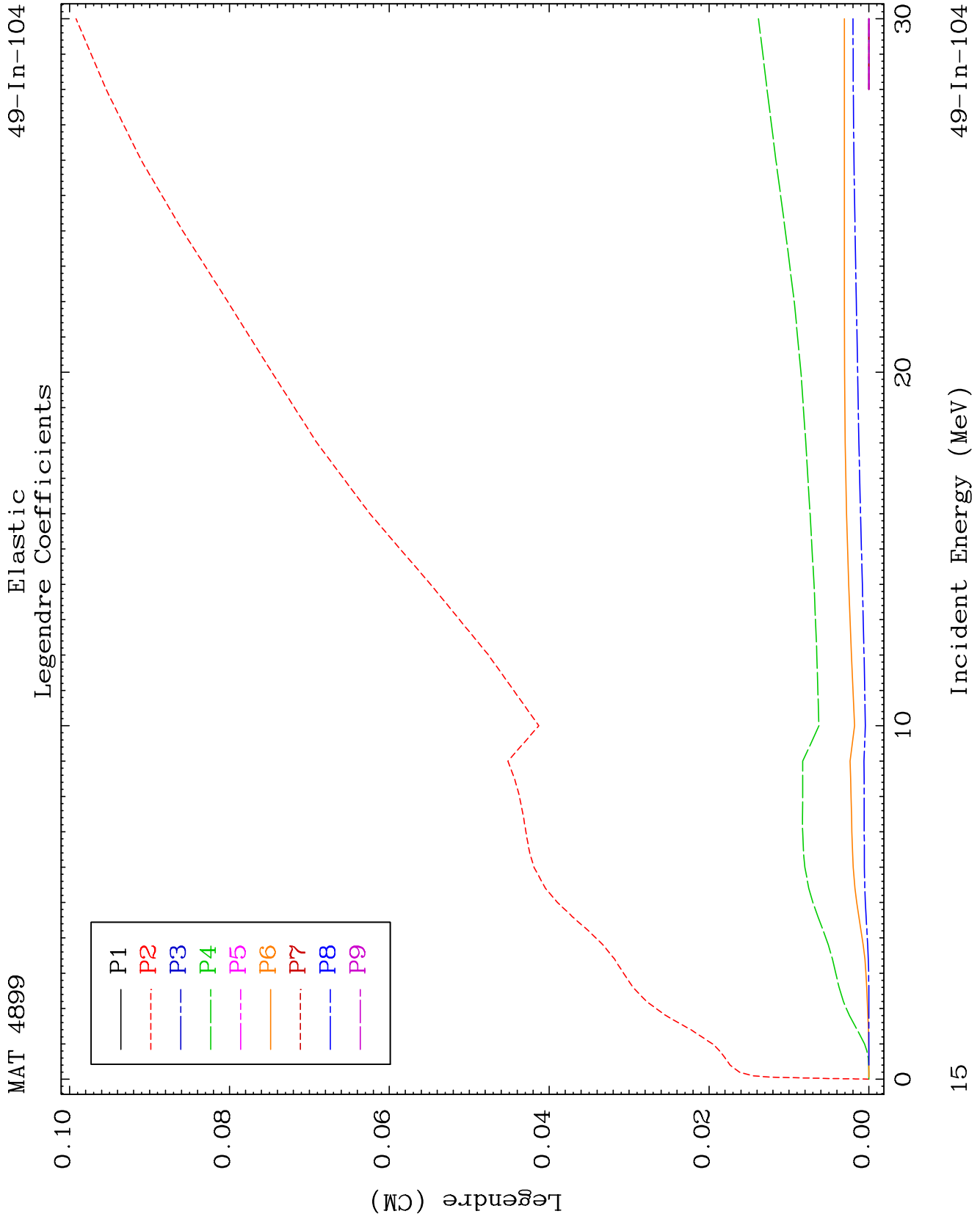
(n,α) Levels  
293 Kelvin Cross Sections

49-In-104



— (n,α)



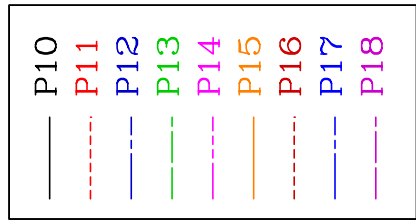




MAT 4899

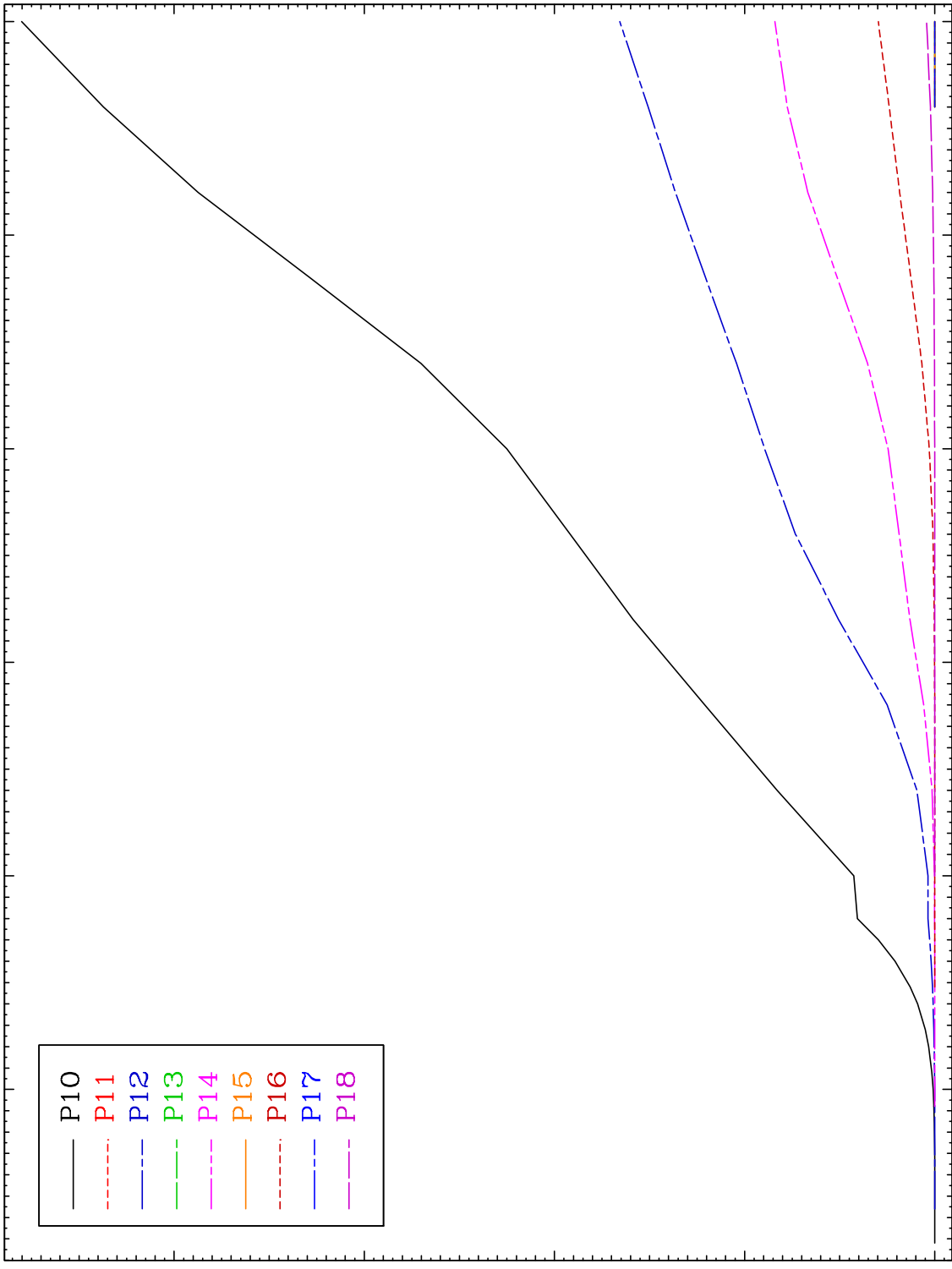
Elastic Legendre Coefficients

49-In-104



$\times 10^{-4}$

Legendre (CM)



16

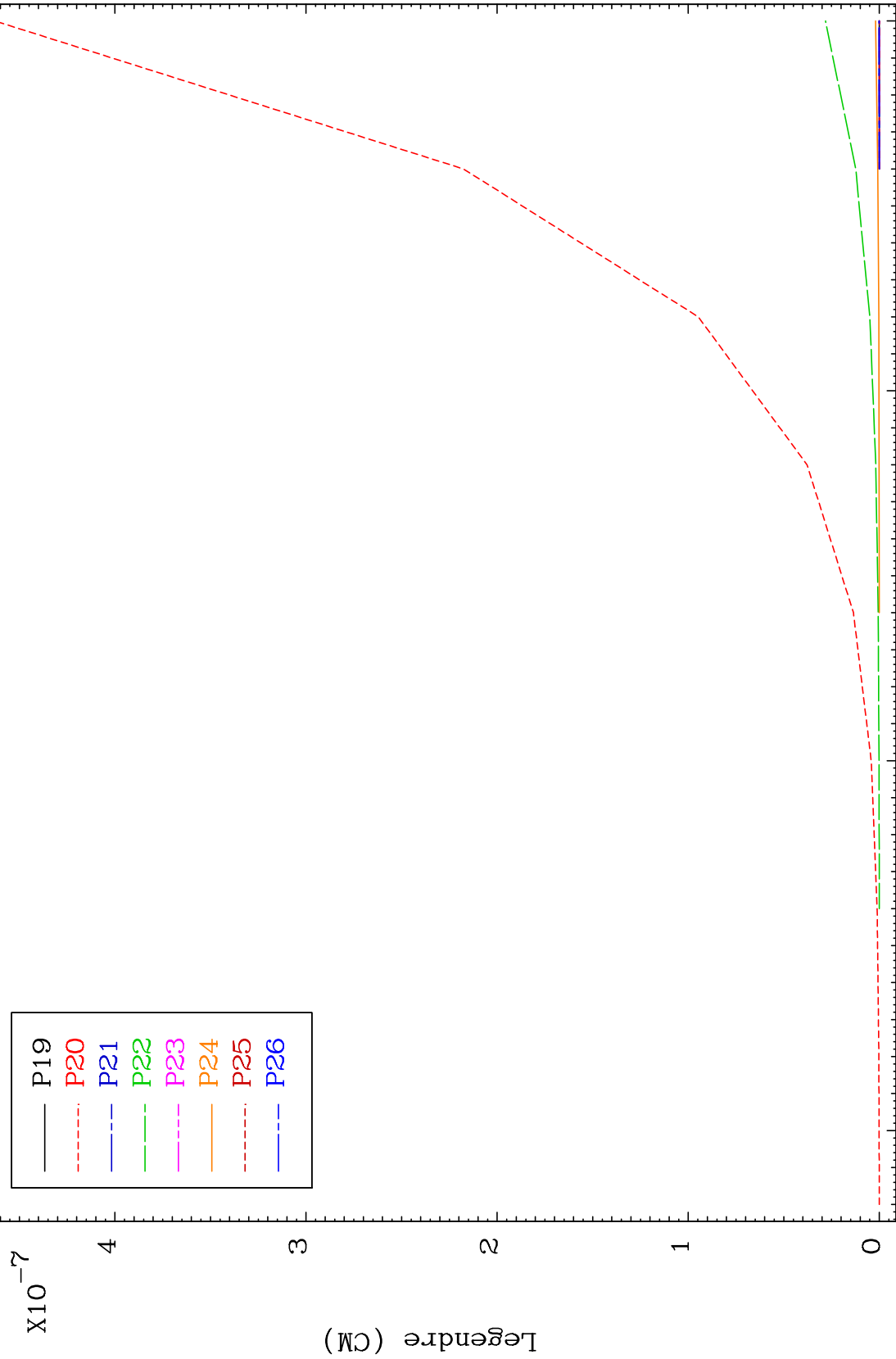
Incident Energy (MeV)

49-In-104

MAT 4899

Elastic Legendre Coefficients

49-In-104



17

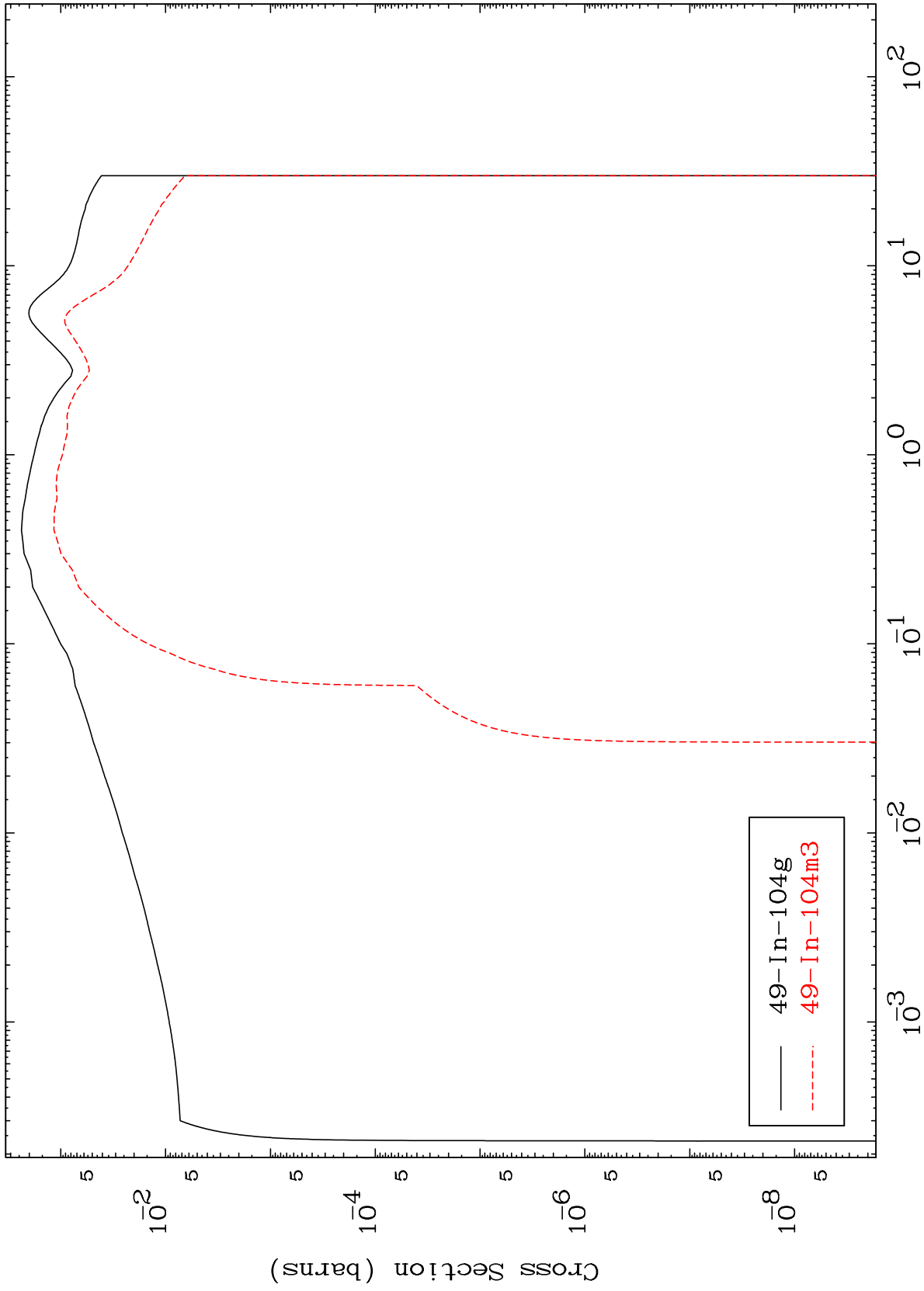
Incident Energy (MeV)

49-In-104

MAT 4899

49-In-104

Inelastic  
Radionuclide Production Cross Section



18

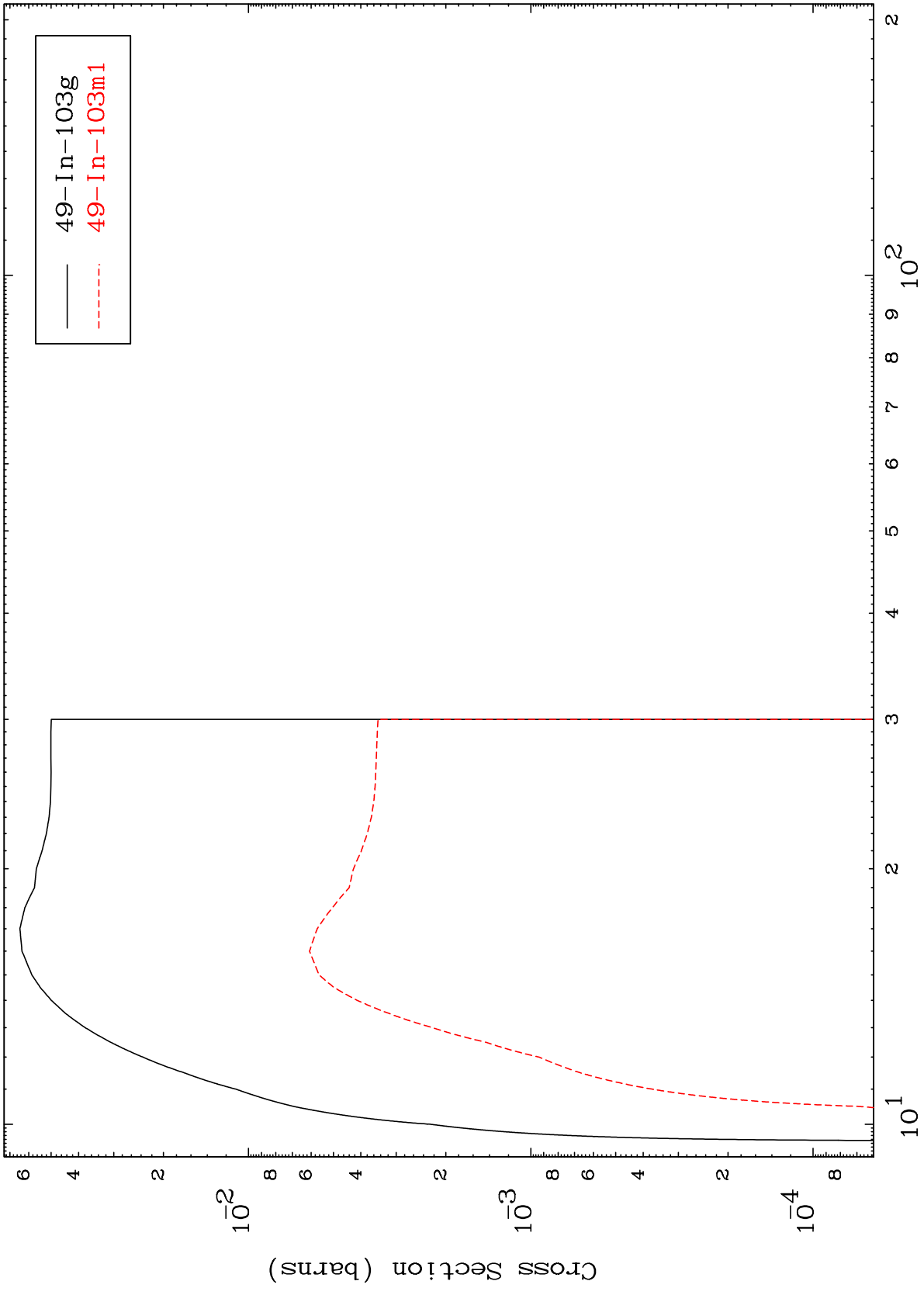
49-In-104

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(n,2n)

49-In-104

Radionuclide Production Cross Section



Incident Energy (MeV)

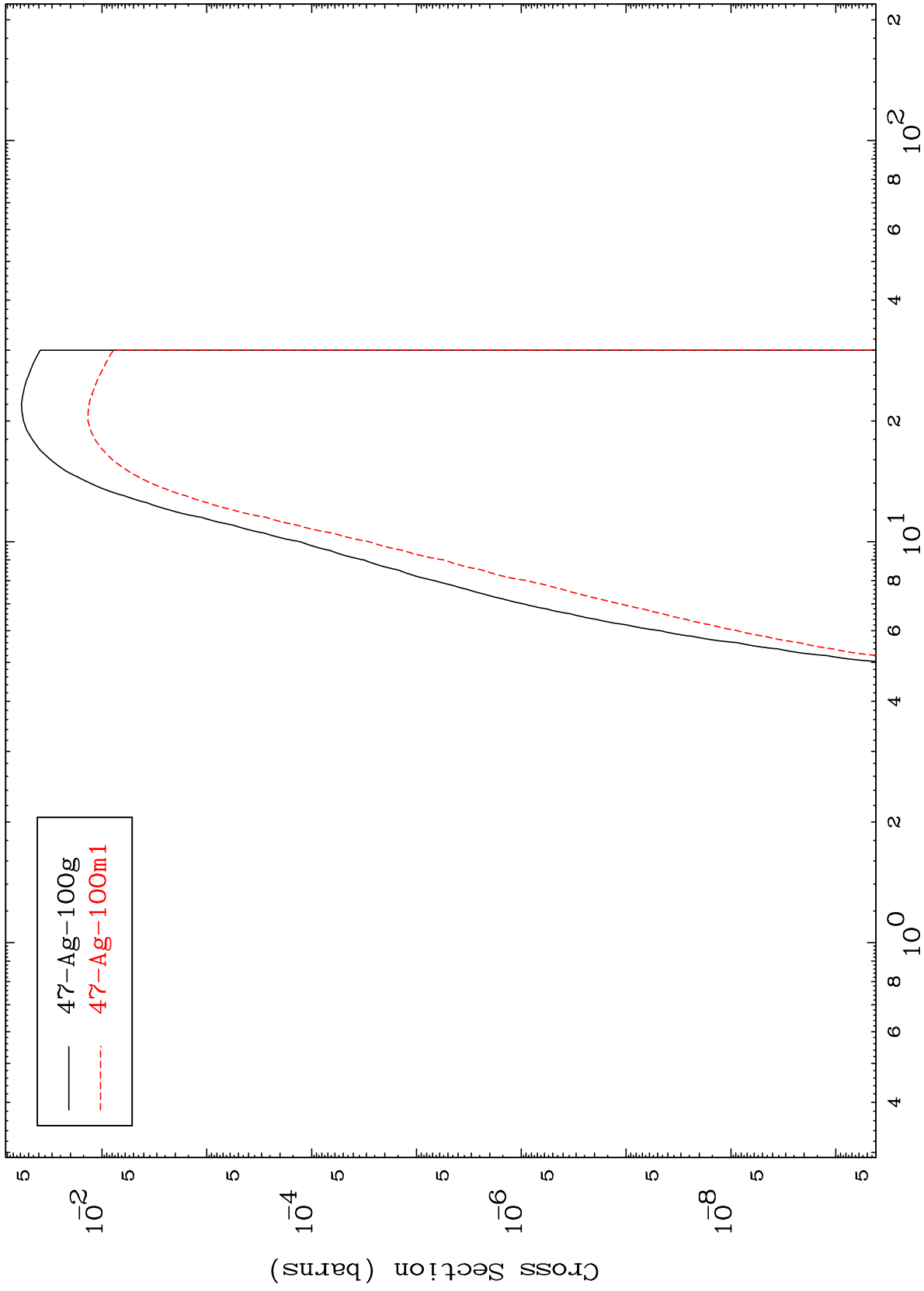
49-In-104

MAT 4899

(n,n')  $\alpha$

49-In-104

Radionuclide Production Cross Section



20

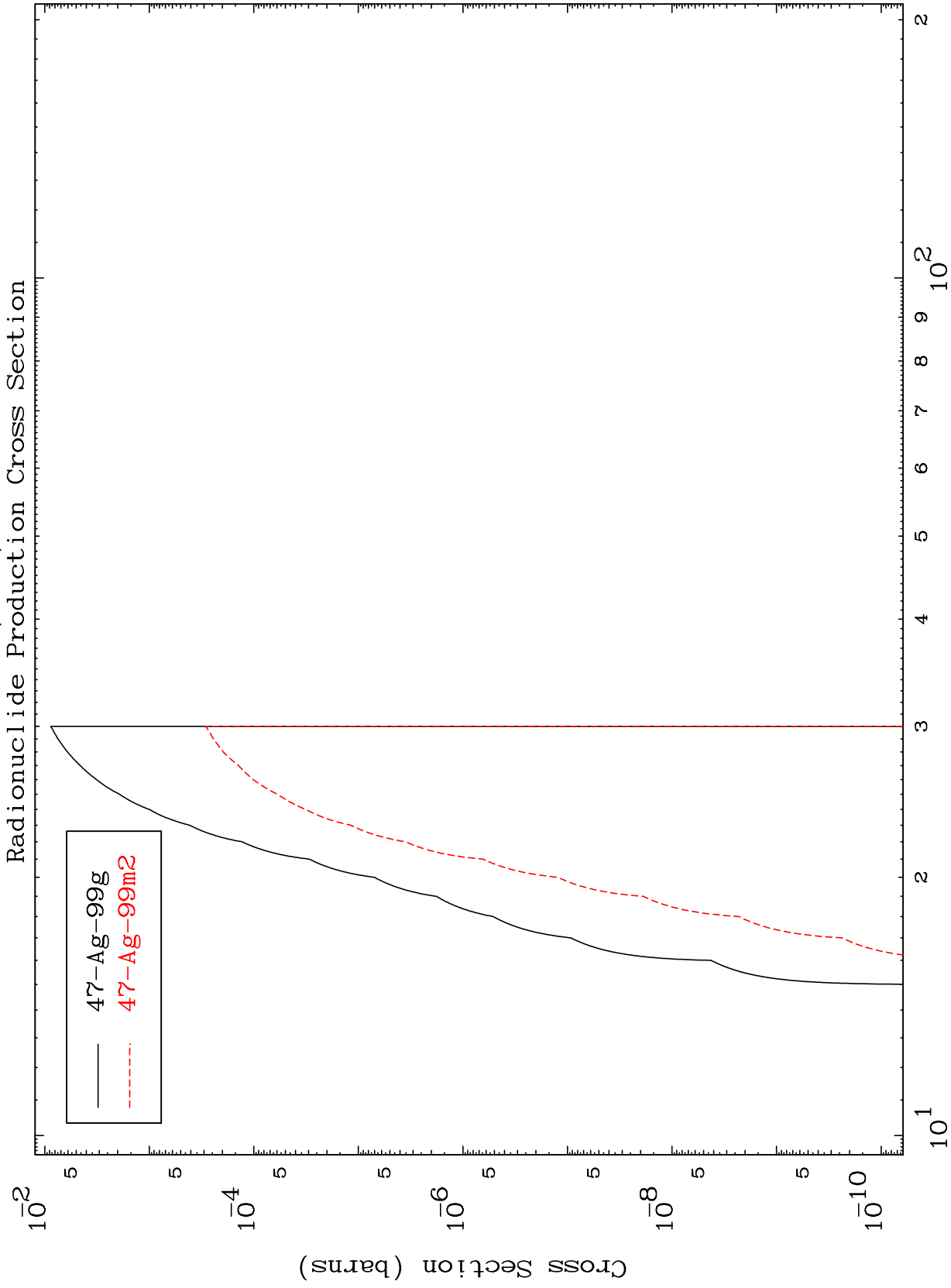
Incident Energy (MeV)

49-In-104

MAT 4899

(n,2n)  $\alpha$

49-In-104



21

Incident Energy (MeV)

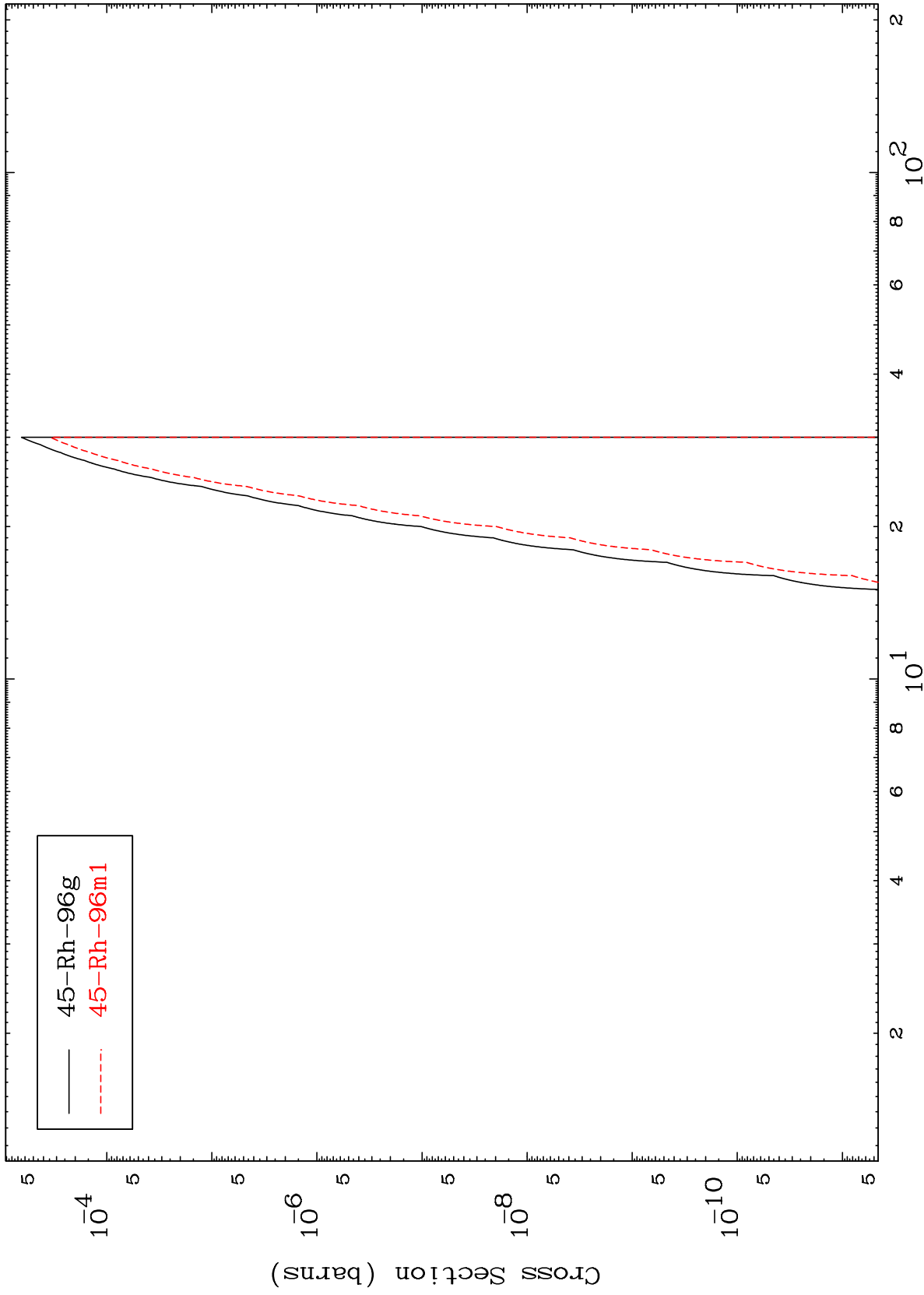
49-In-104

MAT 4899

(n,n') 2 $\alpha$

49-In-104

Radionuclide Production Cross Section



22

Incident Energy (MeV)

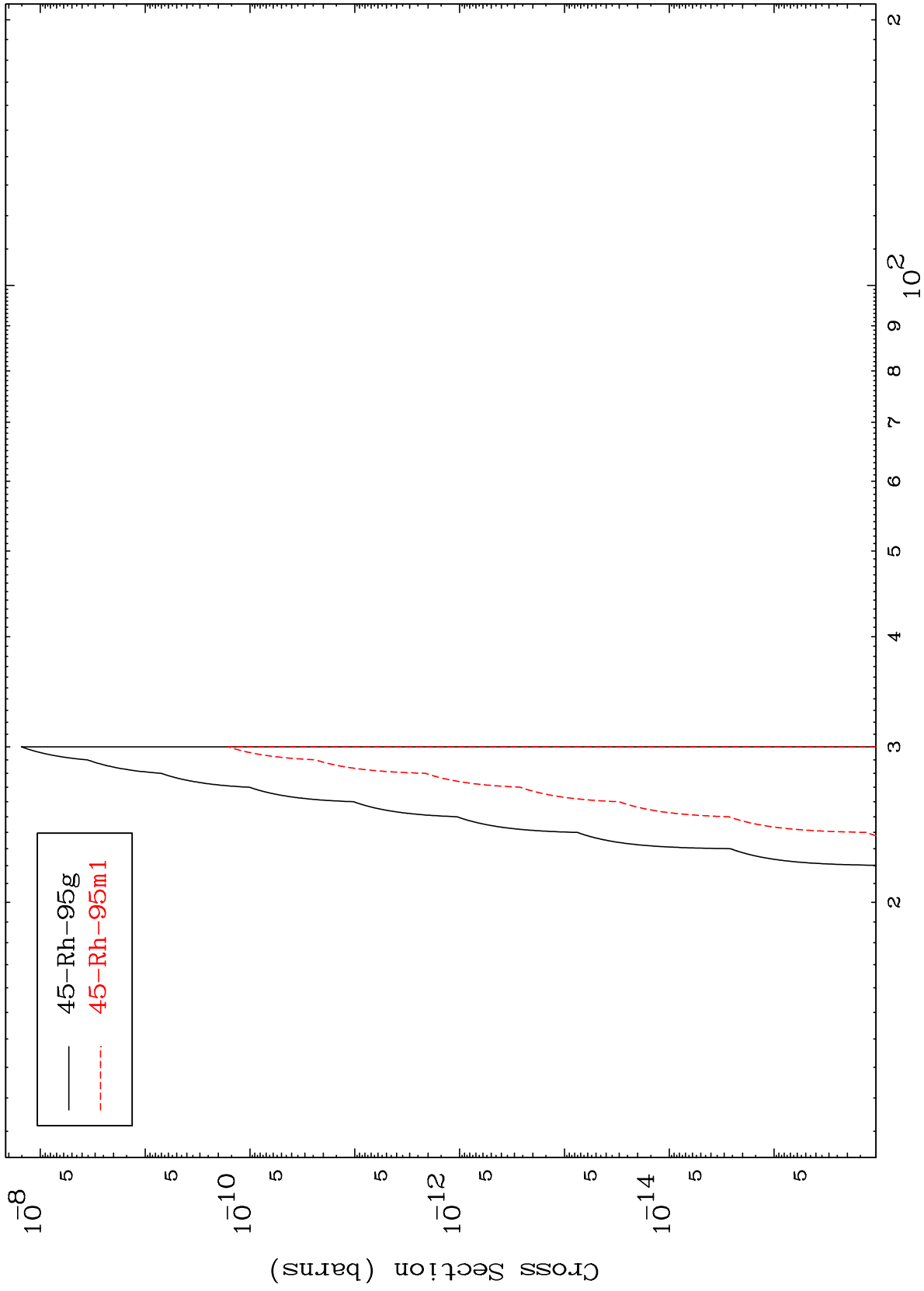
49-In-104

MAT 4899

(n,2n) 2 $\alpha$

49-In-104

Radionuclide Production Cross Section



23

Incident Energy (MeV)

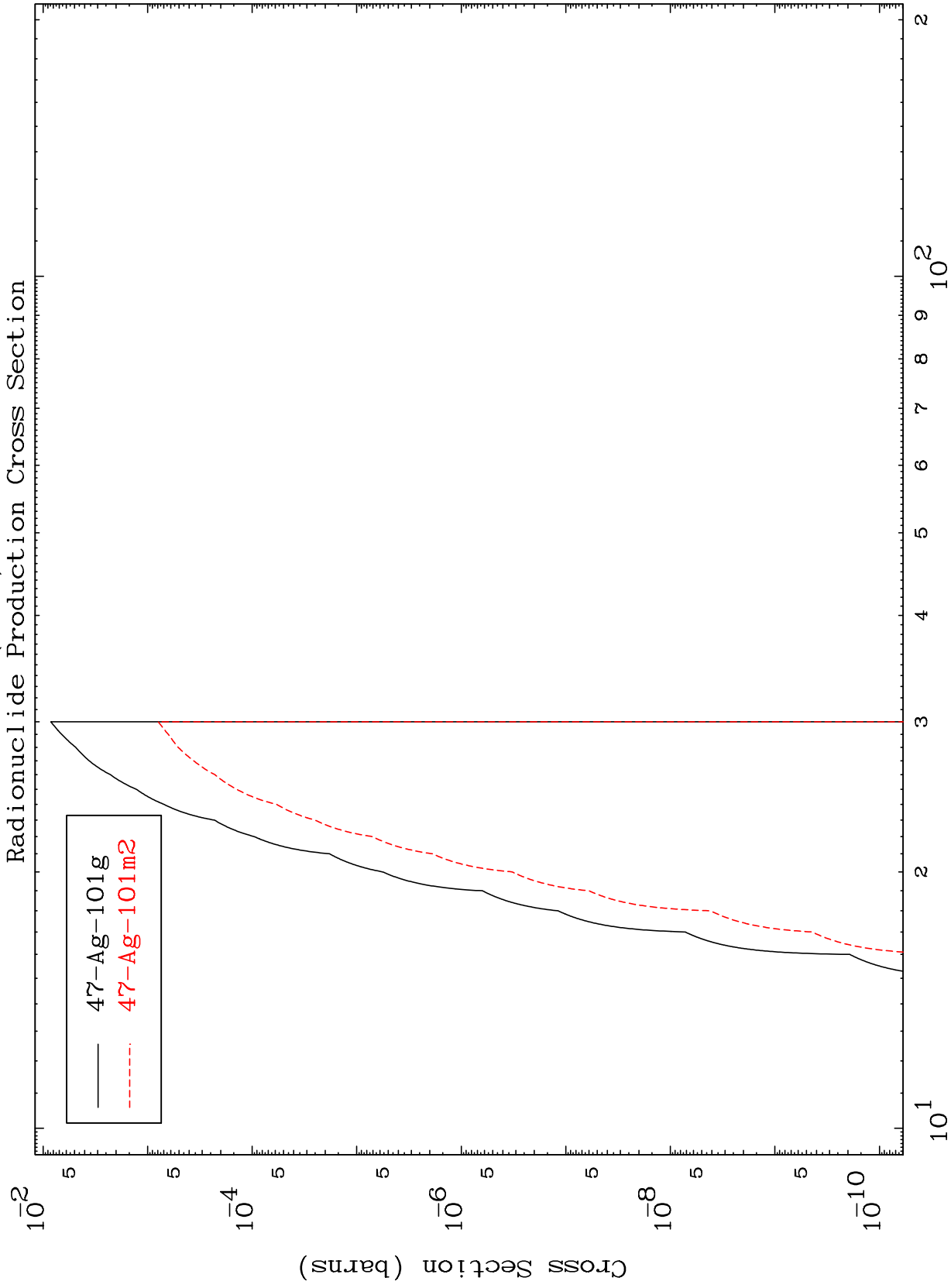
49-In-104



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(n, n') He-3

49-In-104



24

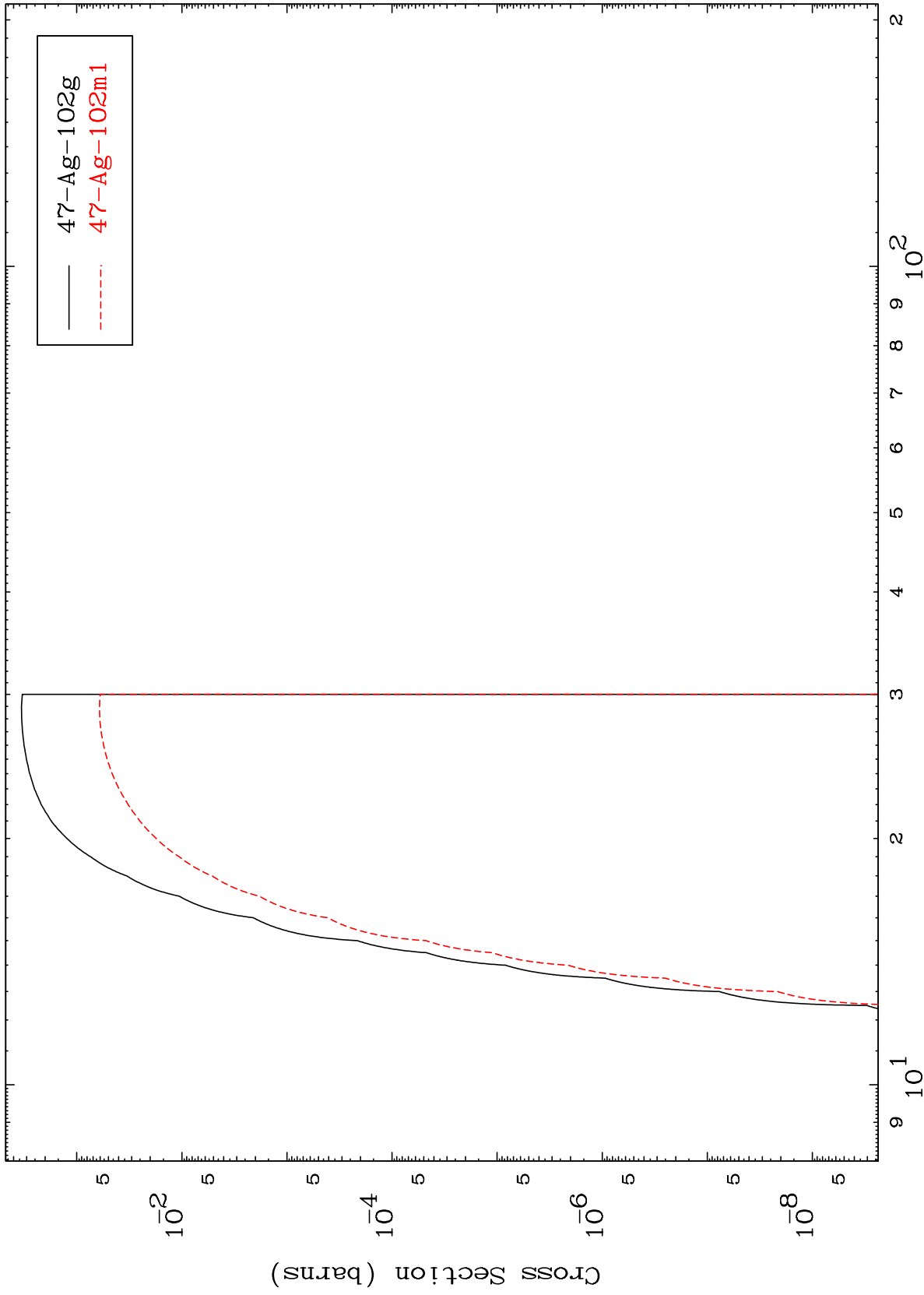
49-In-104

MAT 4899

(n,2n) p

49-In-104

Radionuclide Production Cross Section



25

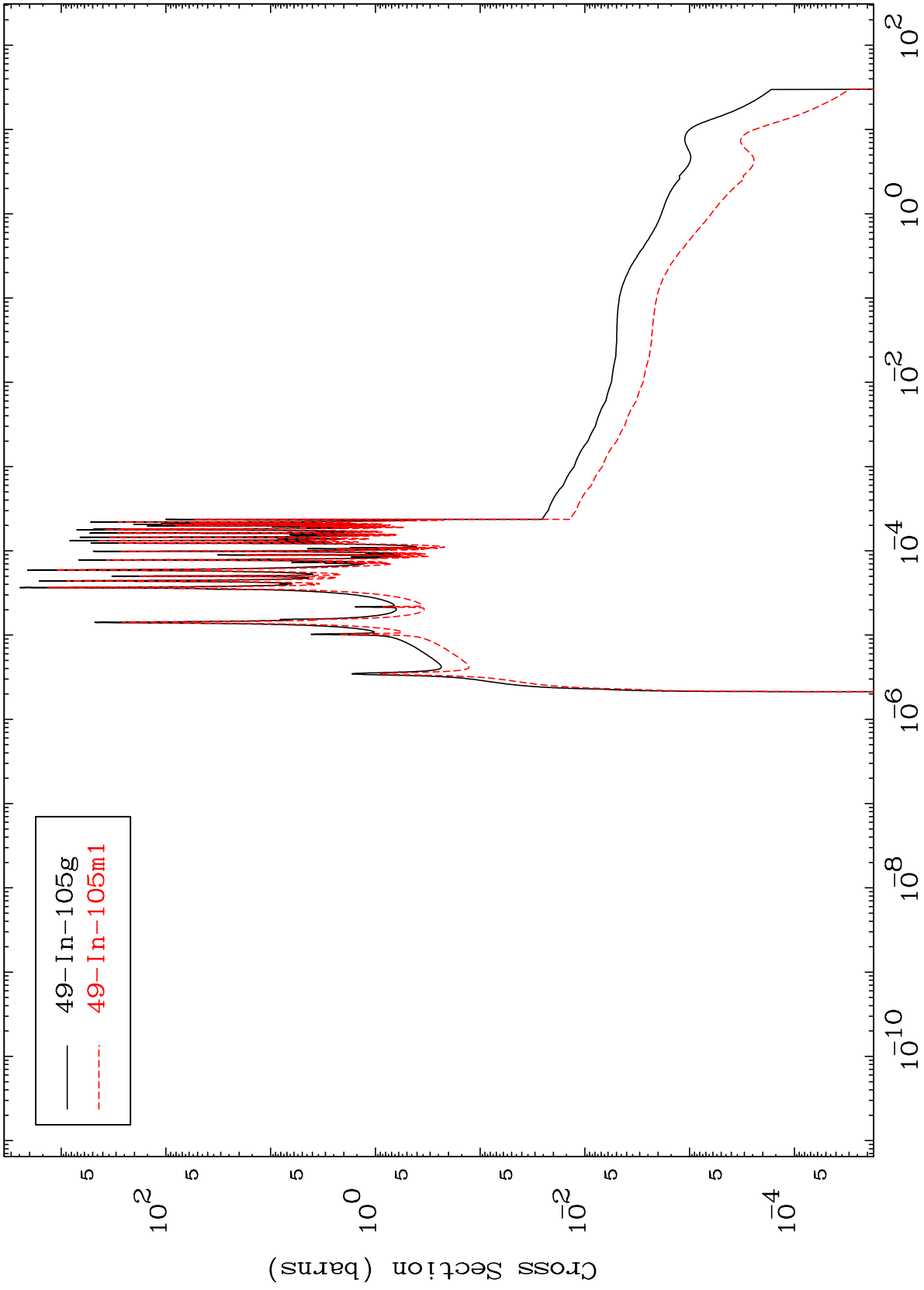
Incident Energy (MeV)

49-In-104

MAT 4899

49-In-104

Radionuclide Production Cross Section



26

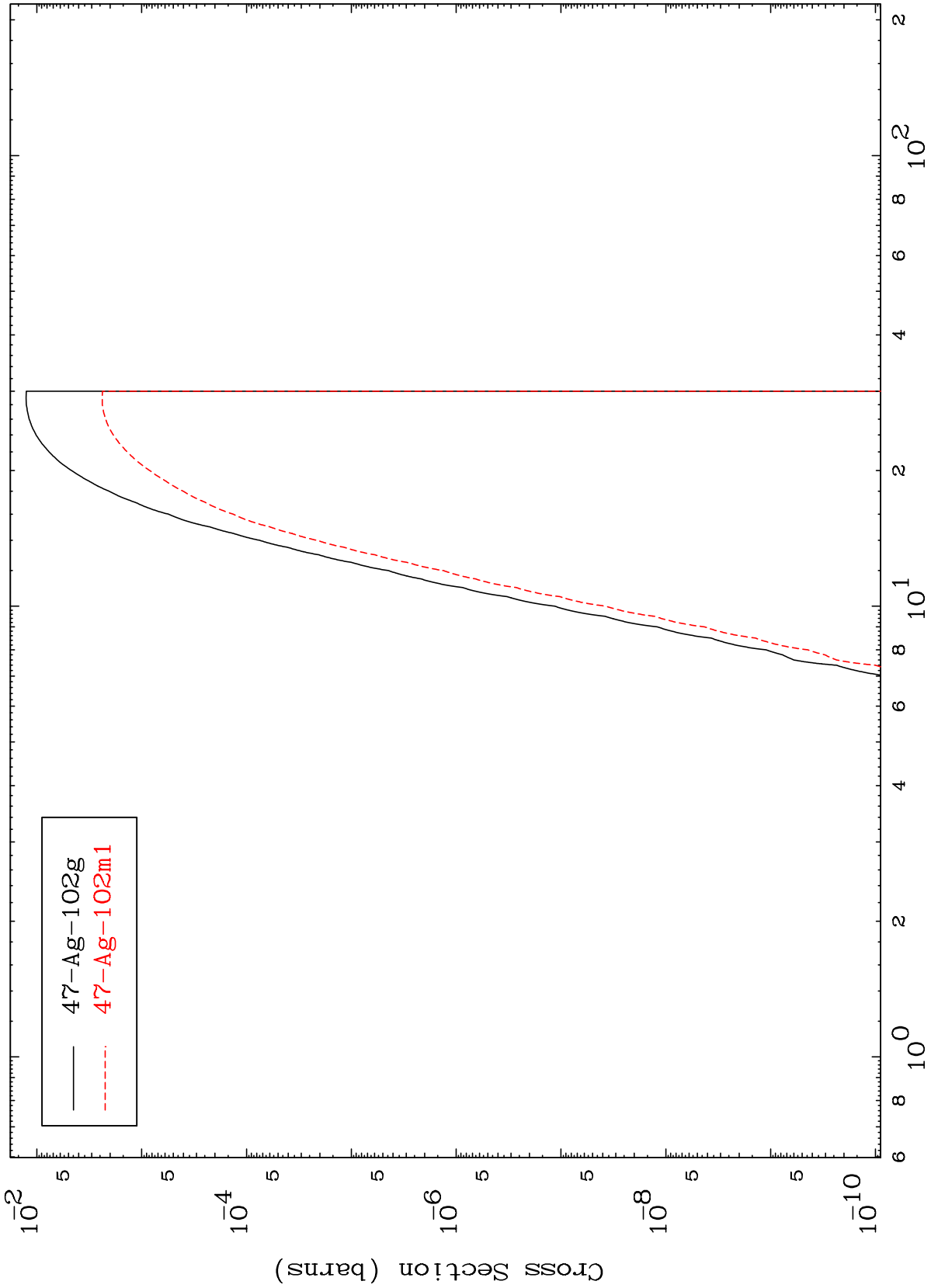
49-In-104

MAT 4899

(n,He-3)

49-In-104

Radionuclide Production Cross Section



27

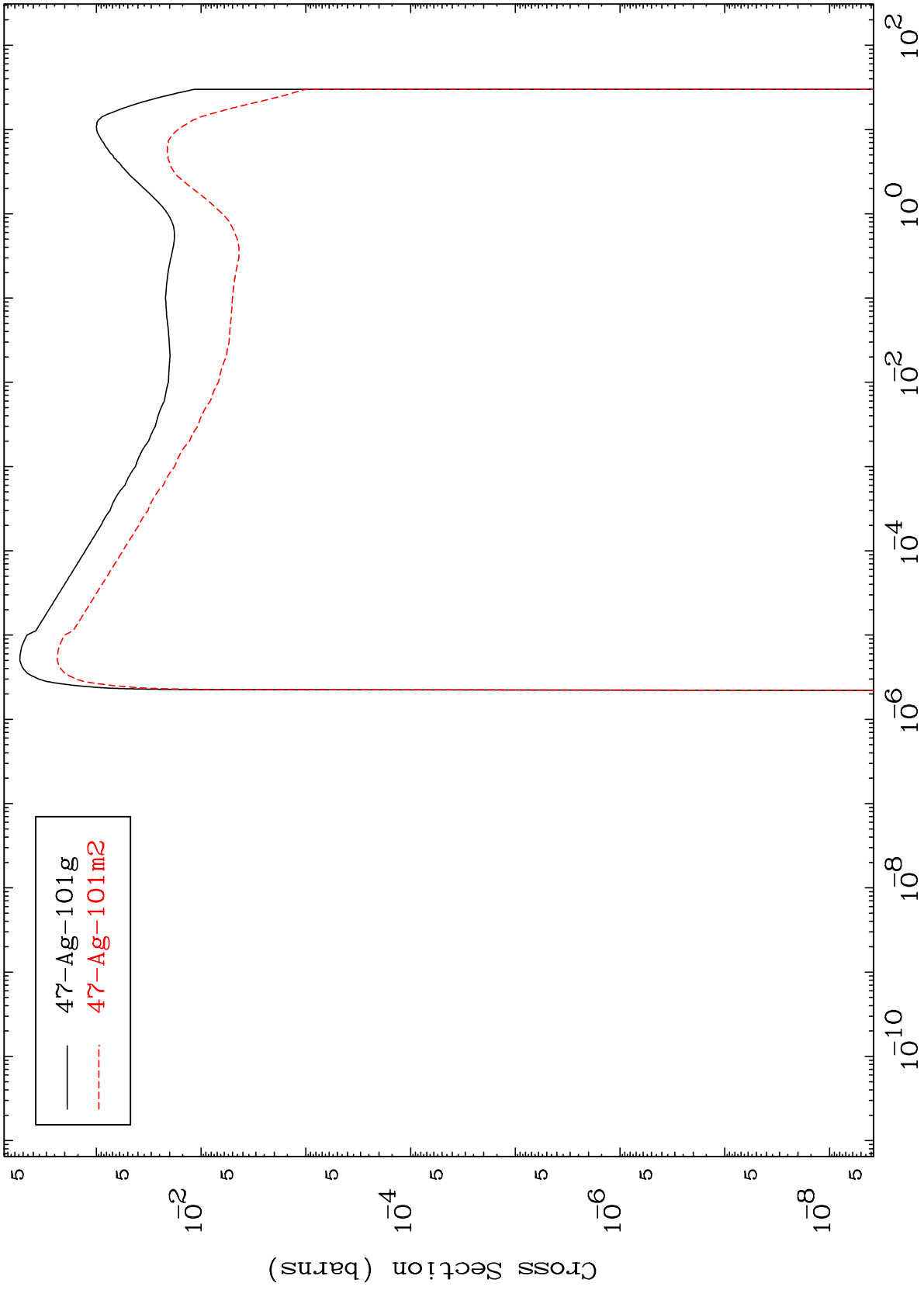
Incident Energy (MeV)

49-In-104

MAT 4899

49-In-104

Radionuclide Production Cross Section

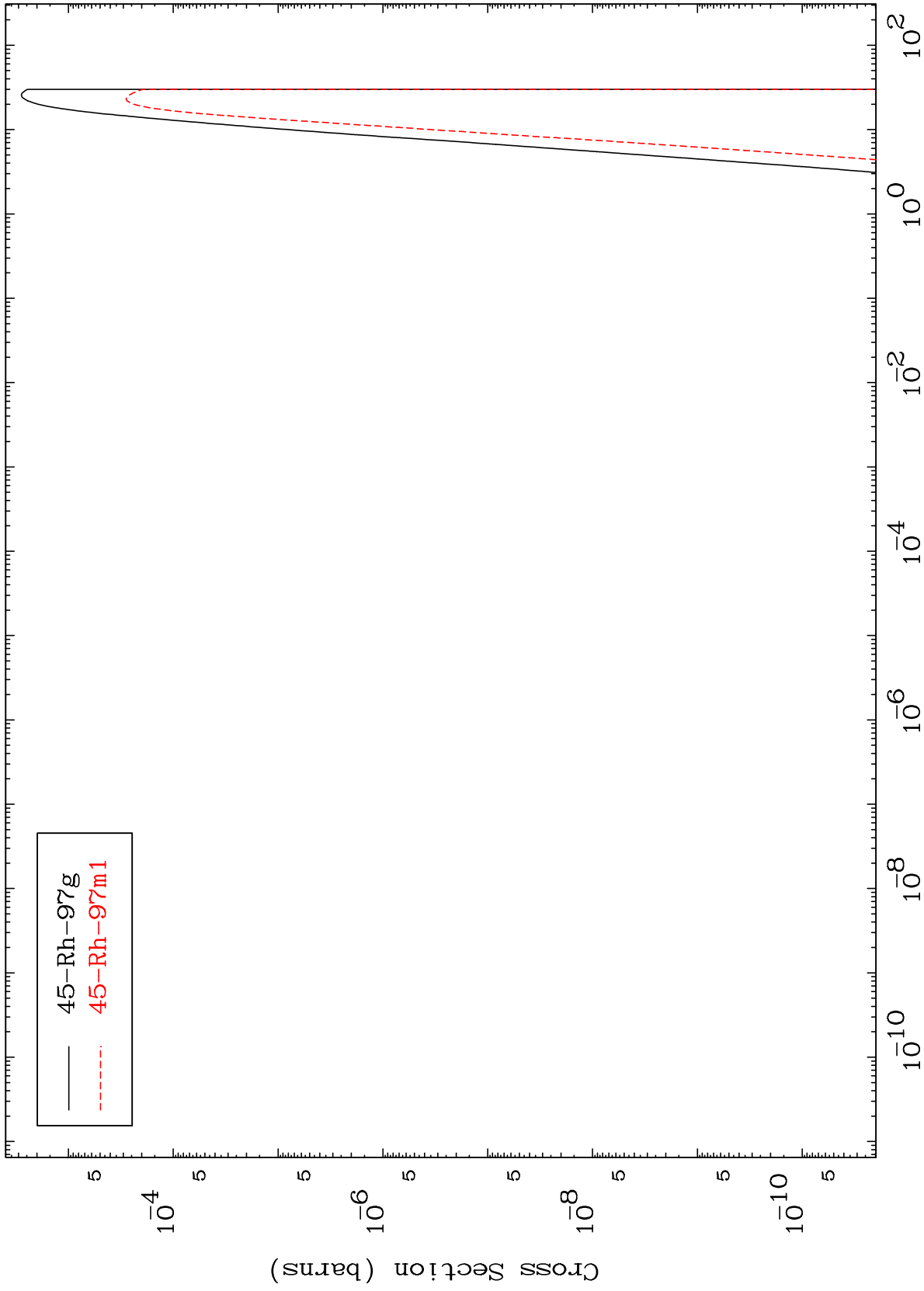


— 47-Ag-101g  
- - - 47-Ag-101m2

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49-In-104

Radionuclide Production Cross Section  
(n,2α)



29

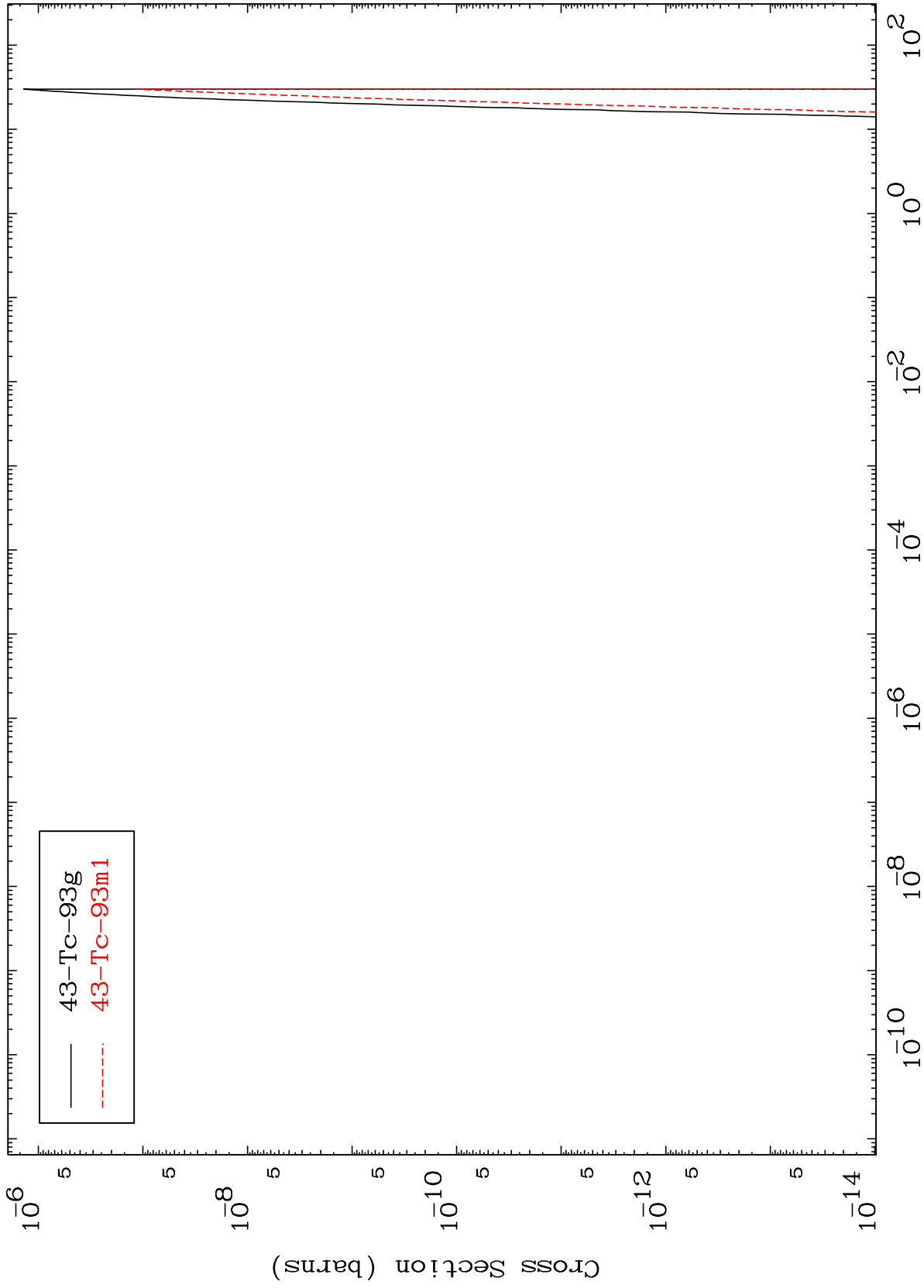
49-In-104

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(n,3α)

49-In-104

Radionuclide Production Cross Section



30

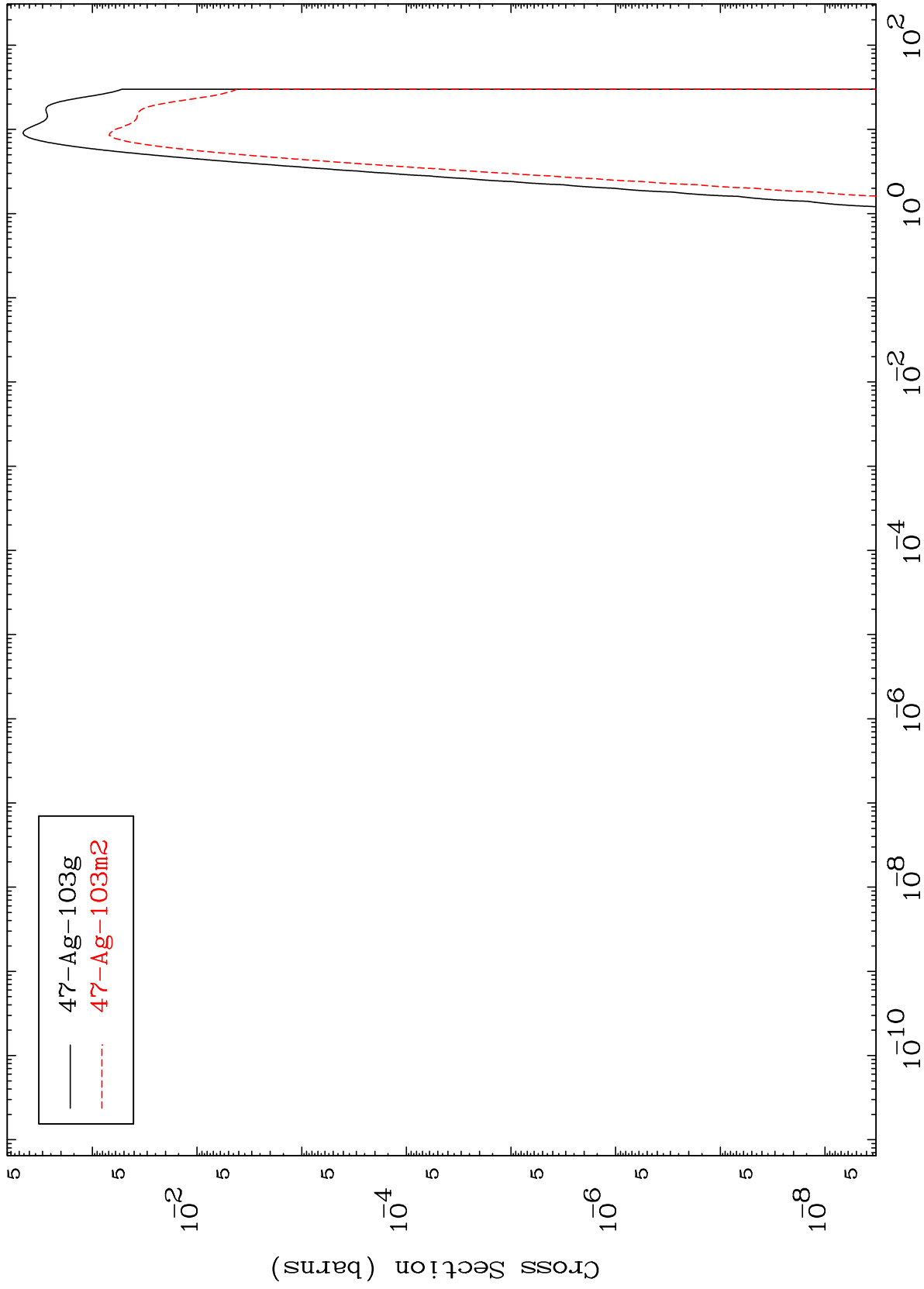
Incident Energy (MeV)

49-In-104

MAT 4899

Radionuclide Production Cross Section  
(n,2p)

49-In-104



31

Incident Energy (MeV)

49-In-104

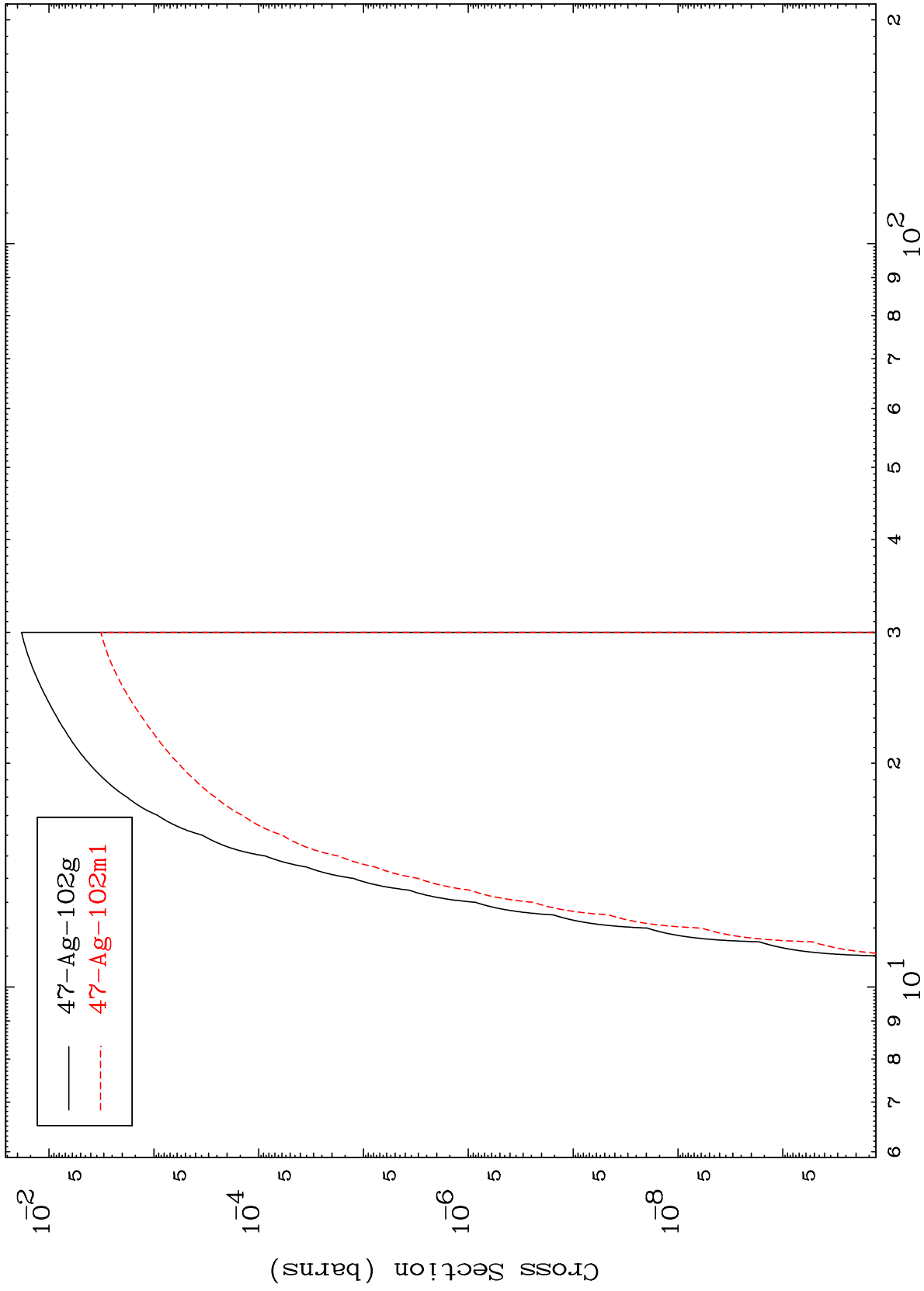


MAT 4899

(n,p) d

49-In-104

Radionuclide Production Cross Section



32

Incident Energy (MeV)

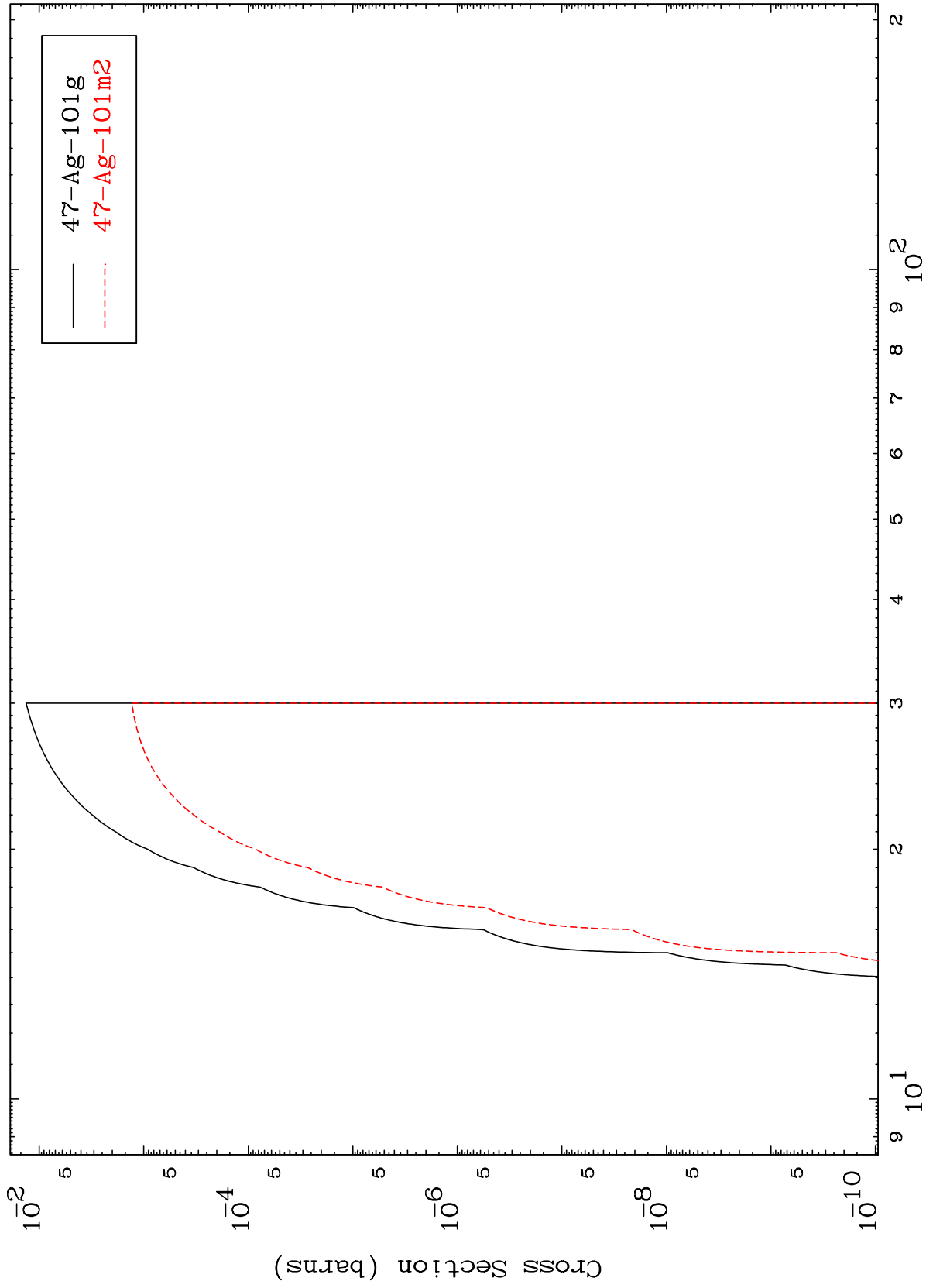
49-In-104

MAT 4899

(n,p) t

49-In-104

Radionuclide Production Cross Section



33

Incident Energy (MeV)

49-In-104