

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

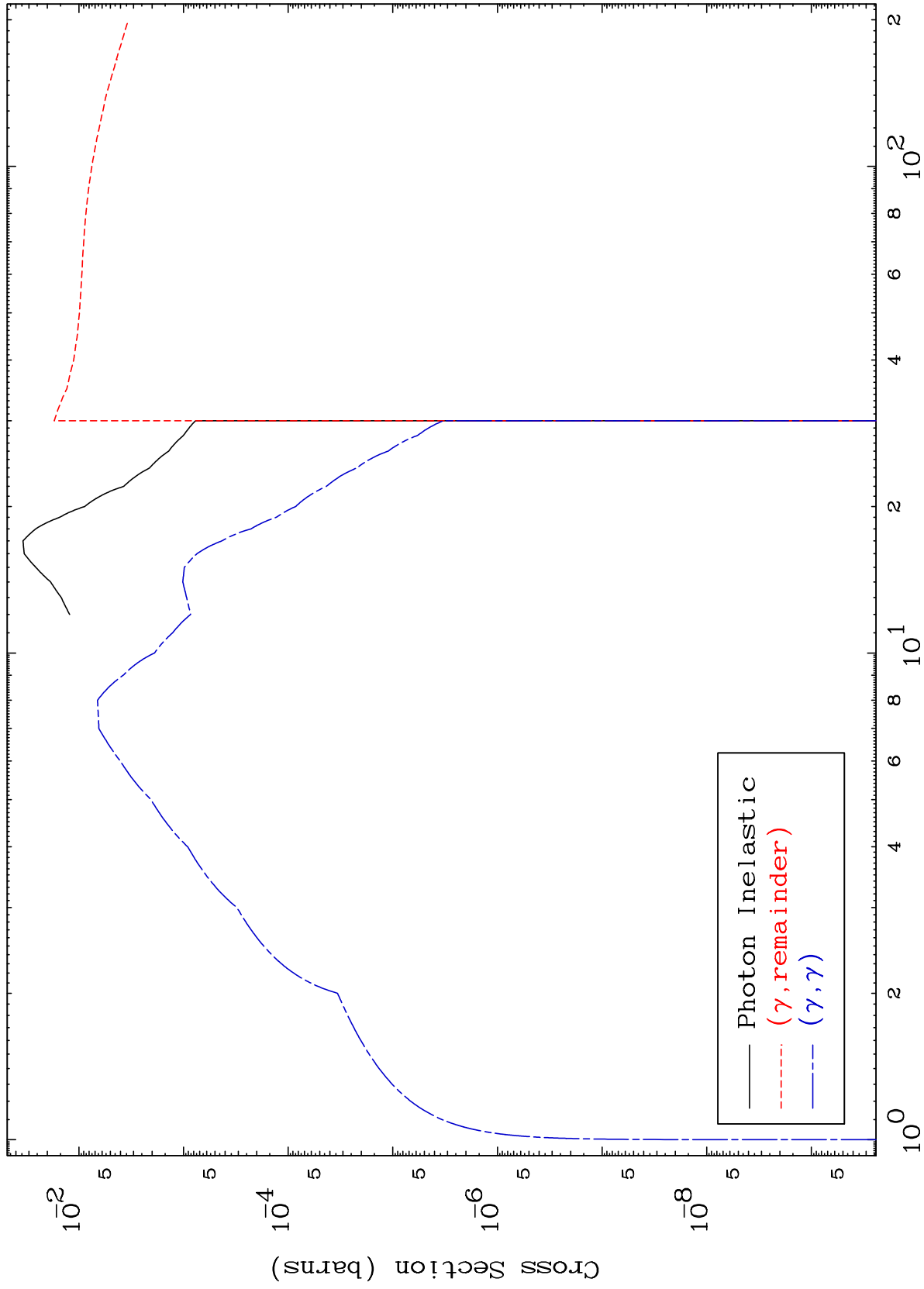
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4901

Photon Major  
0 Kelvin Cross Sections

49-In-105



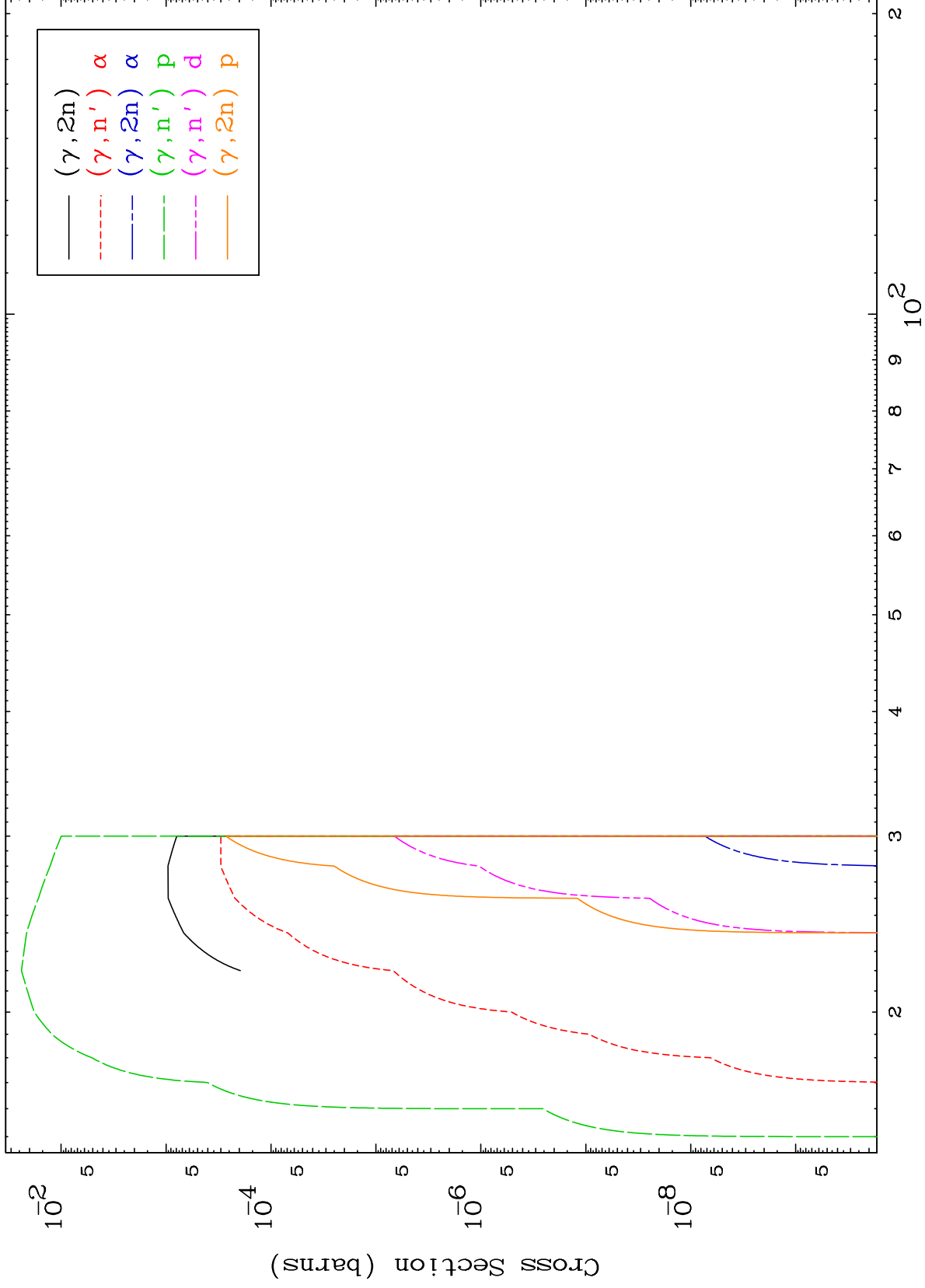
Incident Energy (MeV)

49-In-105

MAT 4901

Photon Neutron Production  
0 Kelvin Cross Sections

49-In-105



2

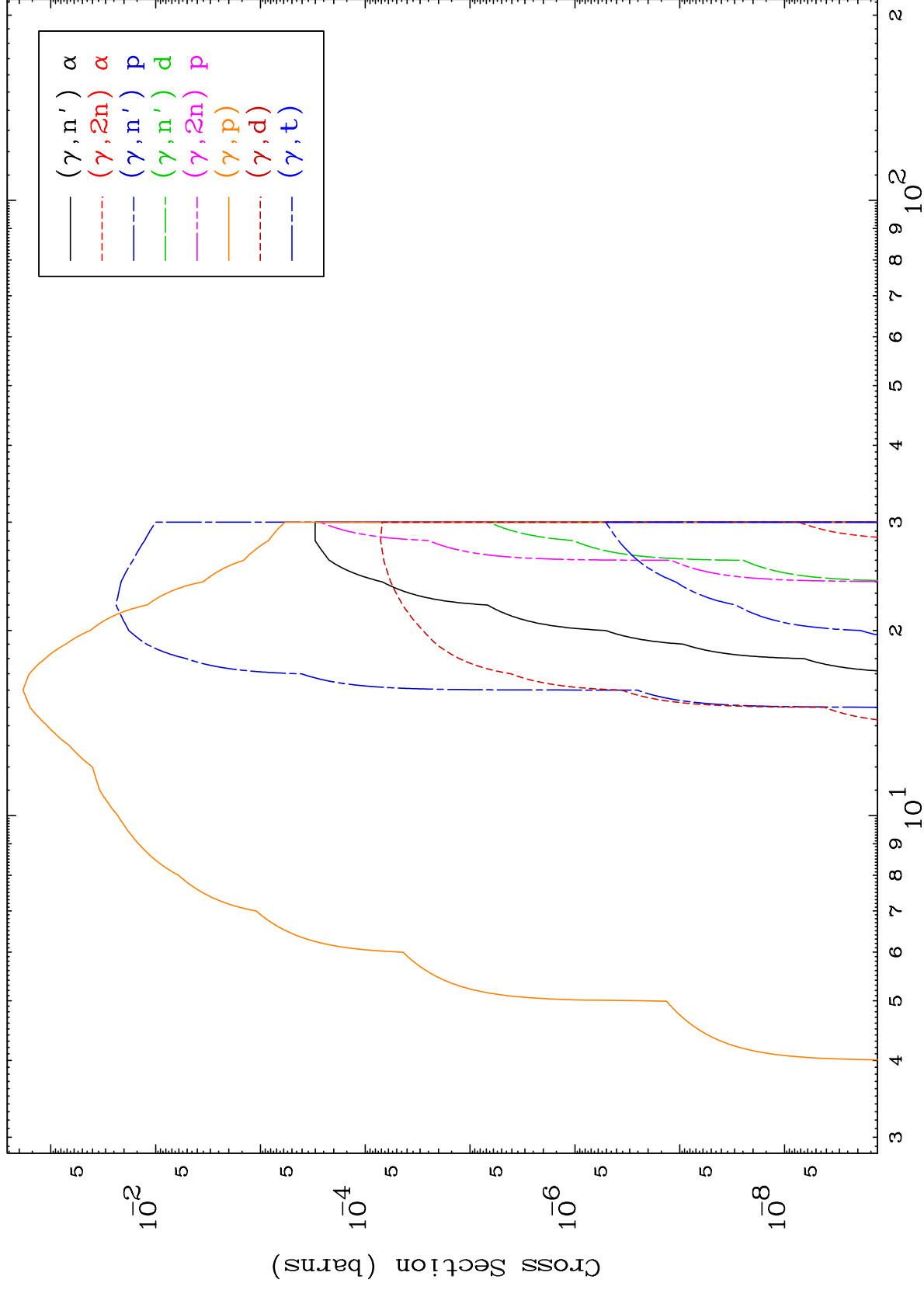
Incident Energy (MeV)

49-In-105

MAT 4901

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-105



3

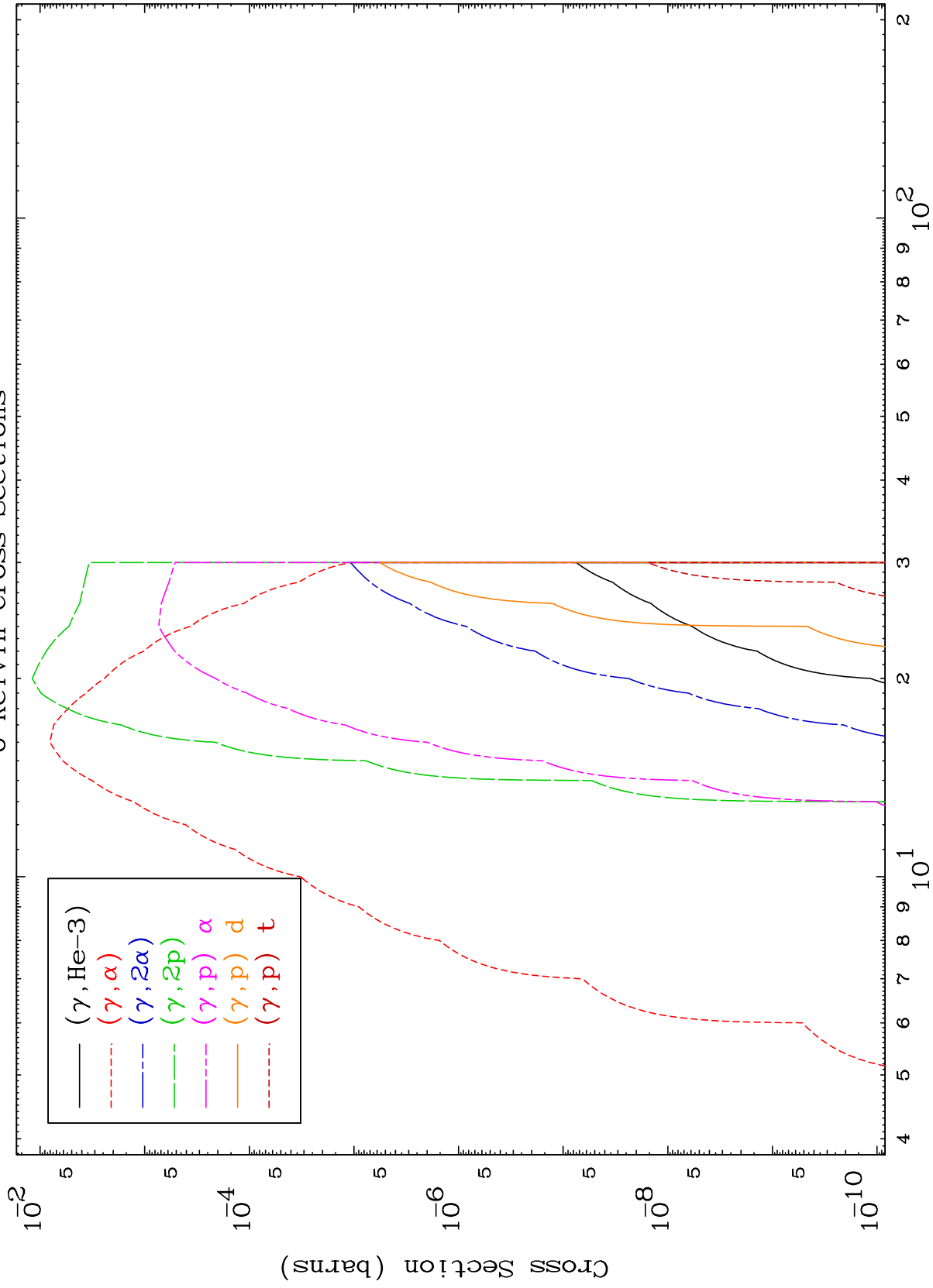
Incident Energy (MeV)

49-In-105

MAT 4901

Photon Charged Particle  
0 Kelvin Cross Sections

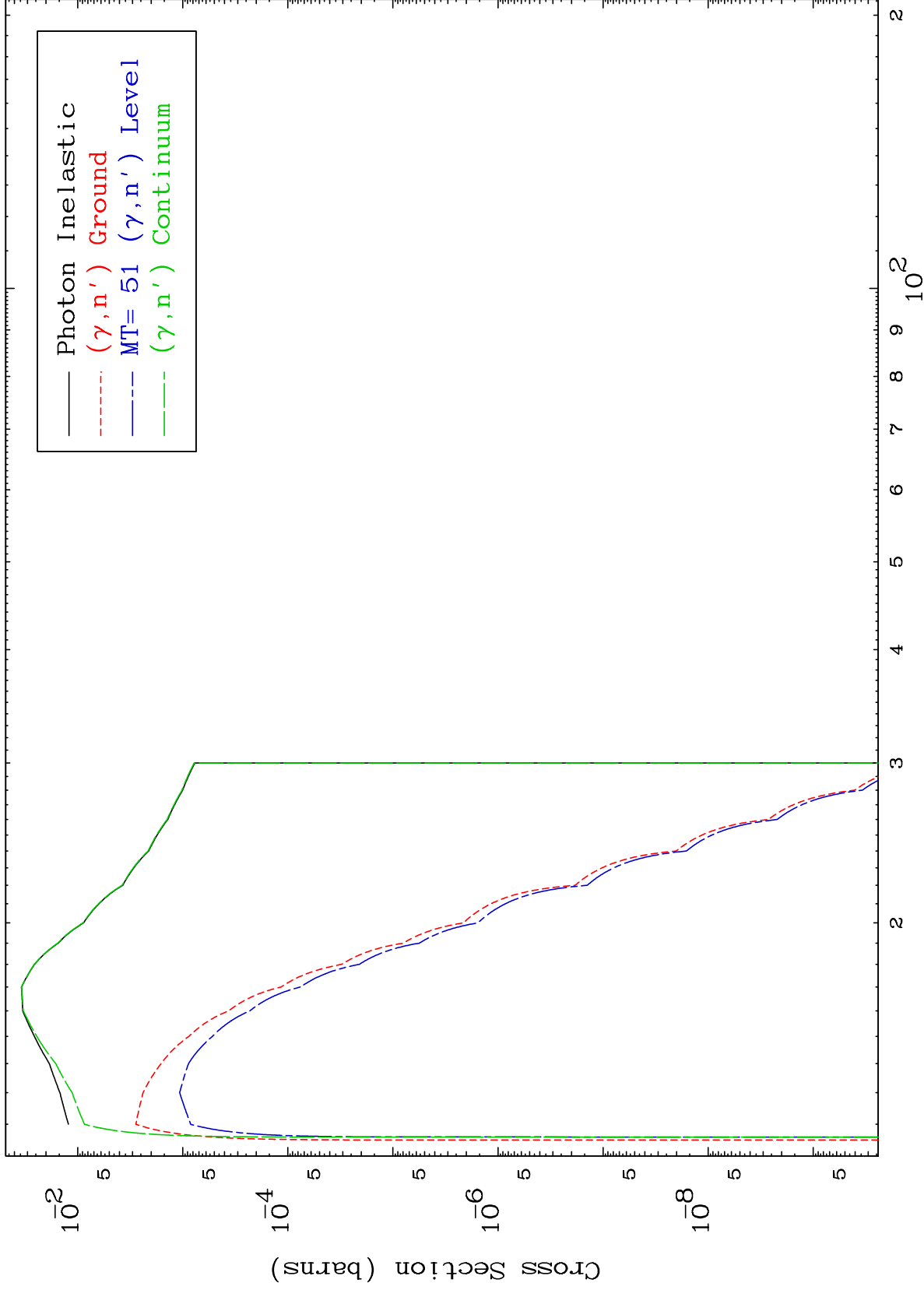
49-In-105



MAT 4901

( $\gamma, n'$ ) Level  
0 Kelvin Cross Sections

49-In-105



5

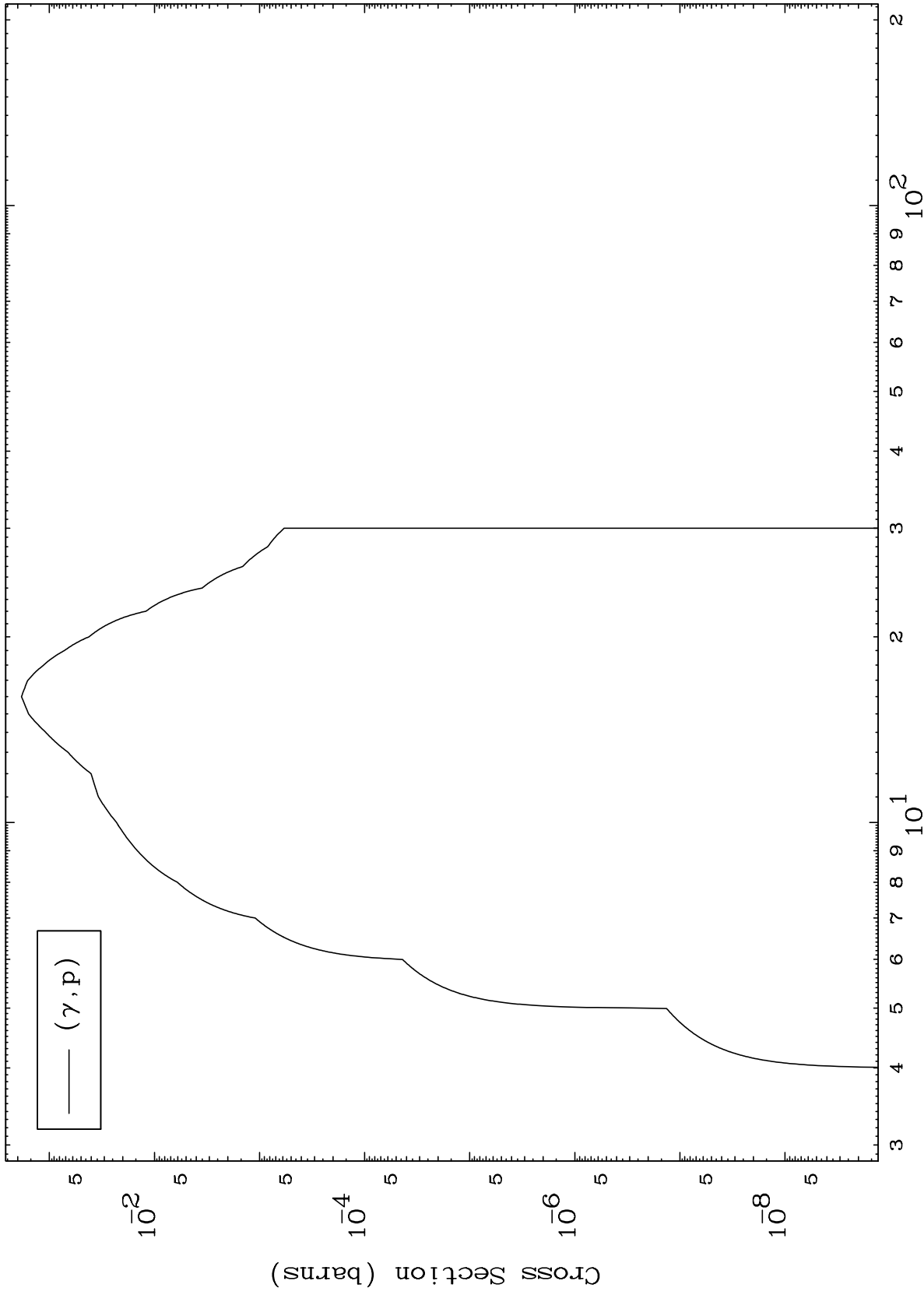
Incident Energy (MeV)

49-In-105

MAT 4901

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

49-In-105



6

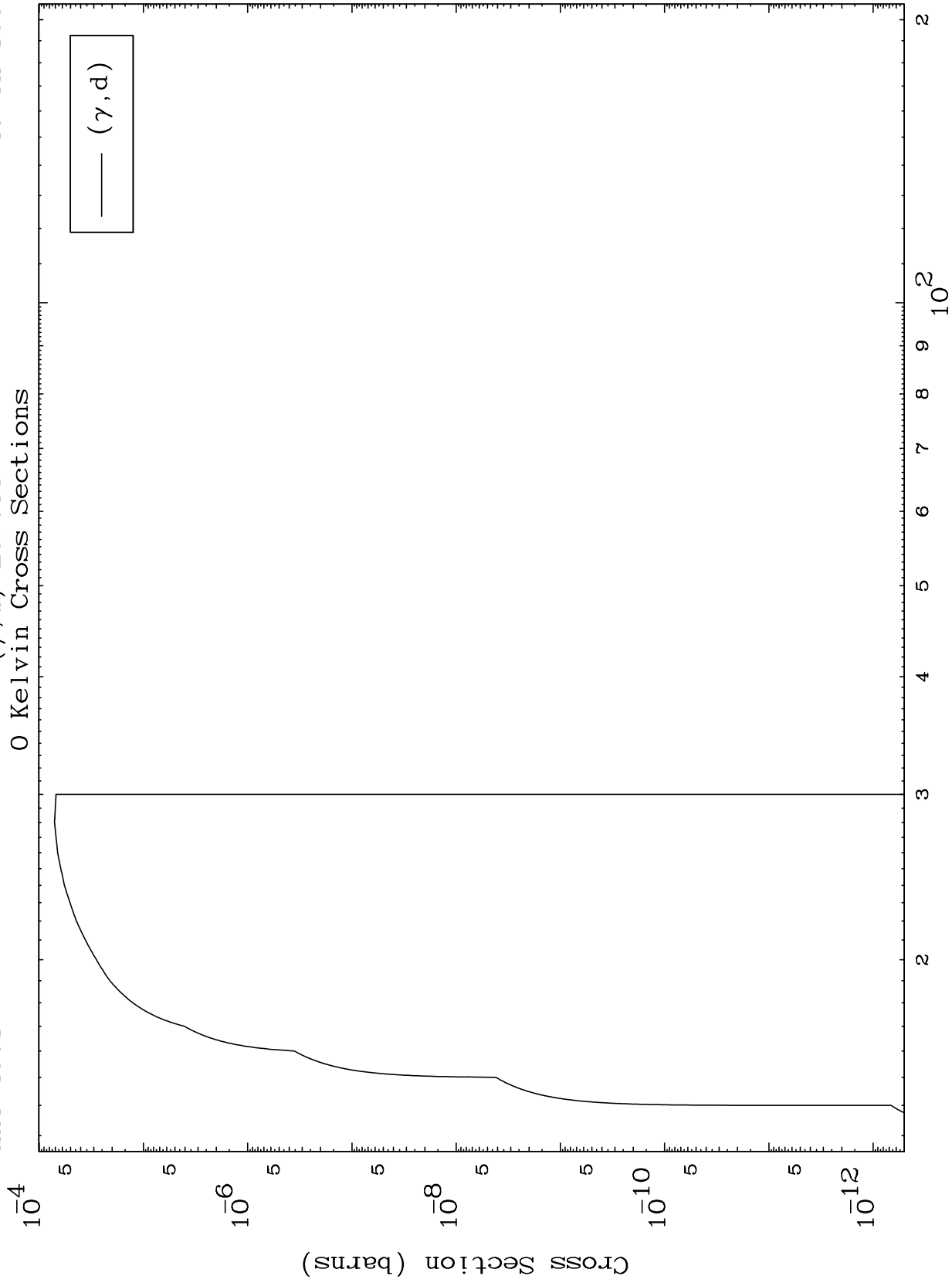
Incident Energy (MeV)

49-In-105

MAT 4901

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

49-In-105



7

Incident Energy (MeV)

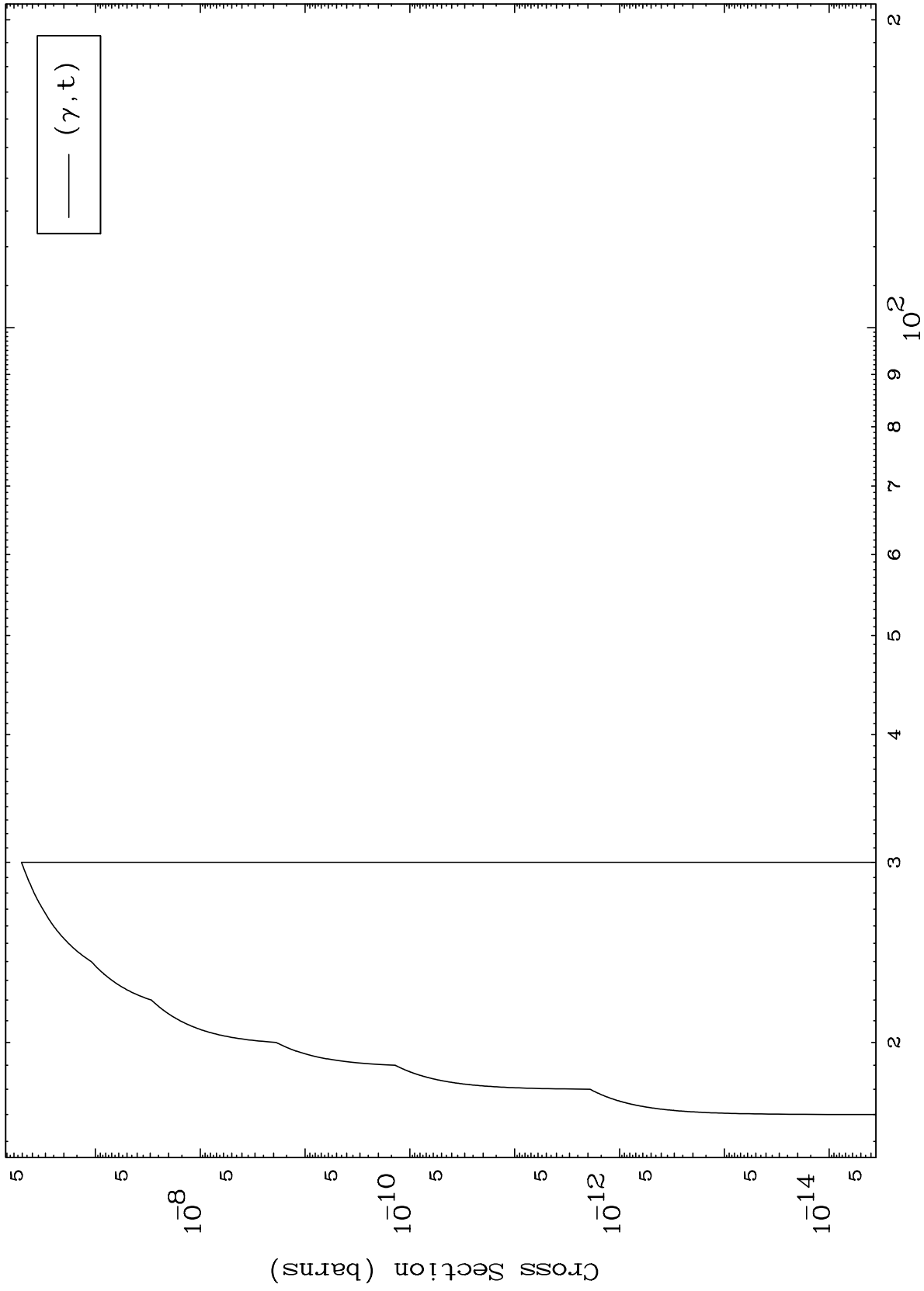
49-In-105



MAT 4901

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

49-In-105



8

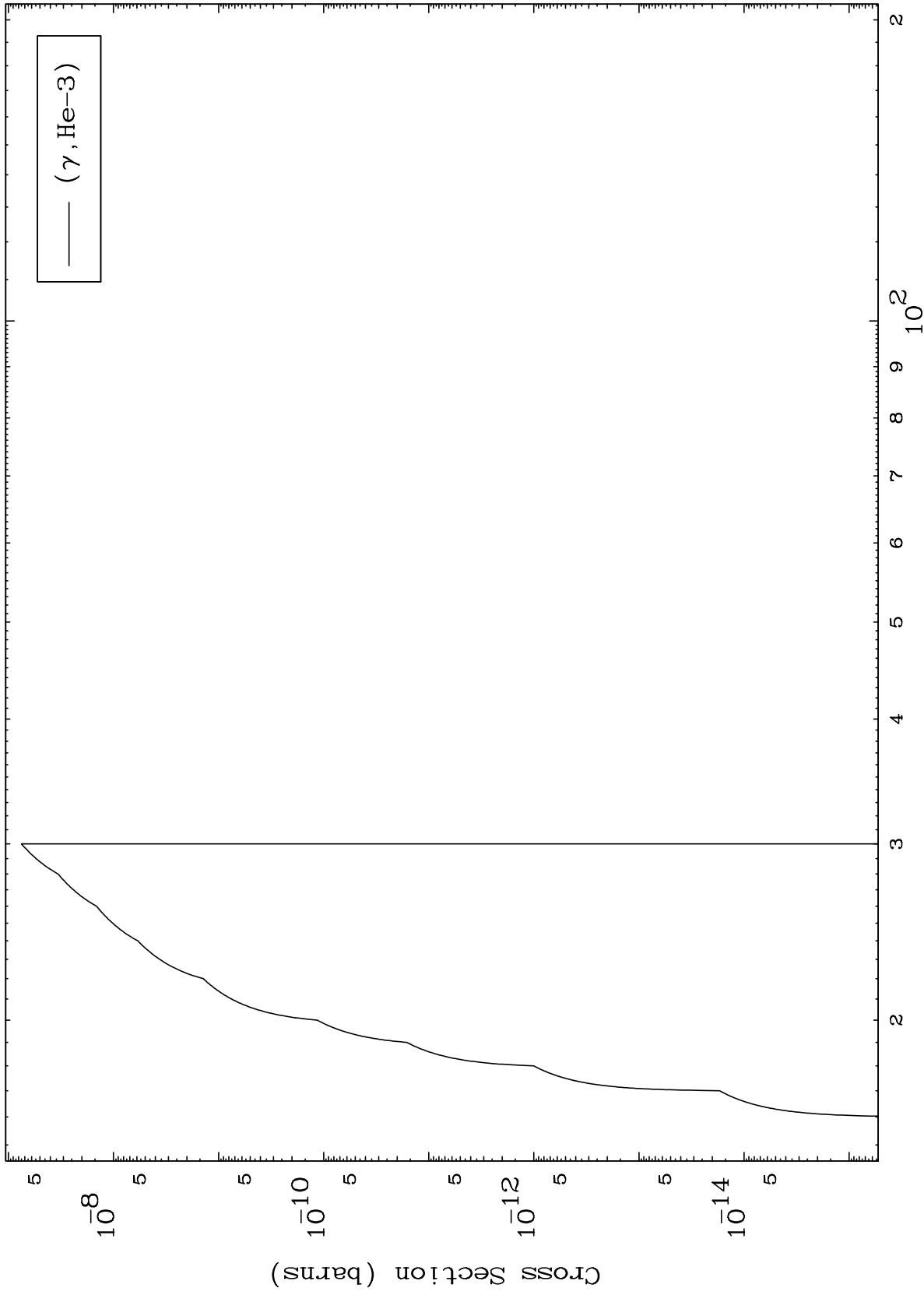
Incident Energy (MeV)

49-In-105

MAT 4901

( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

49-In-105



9

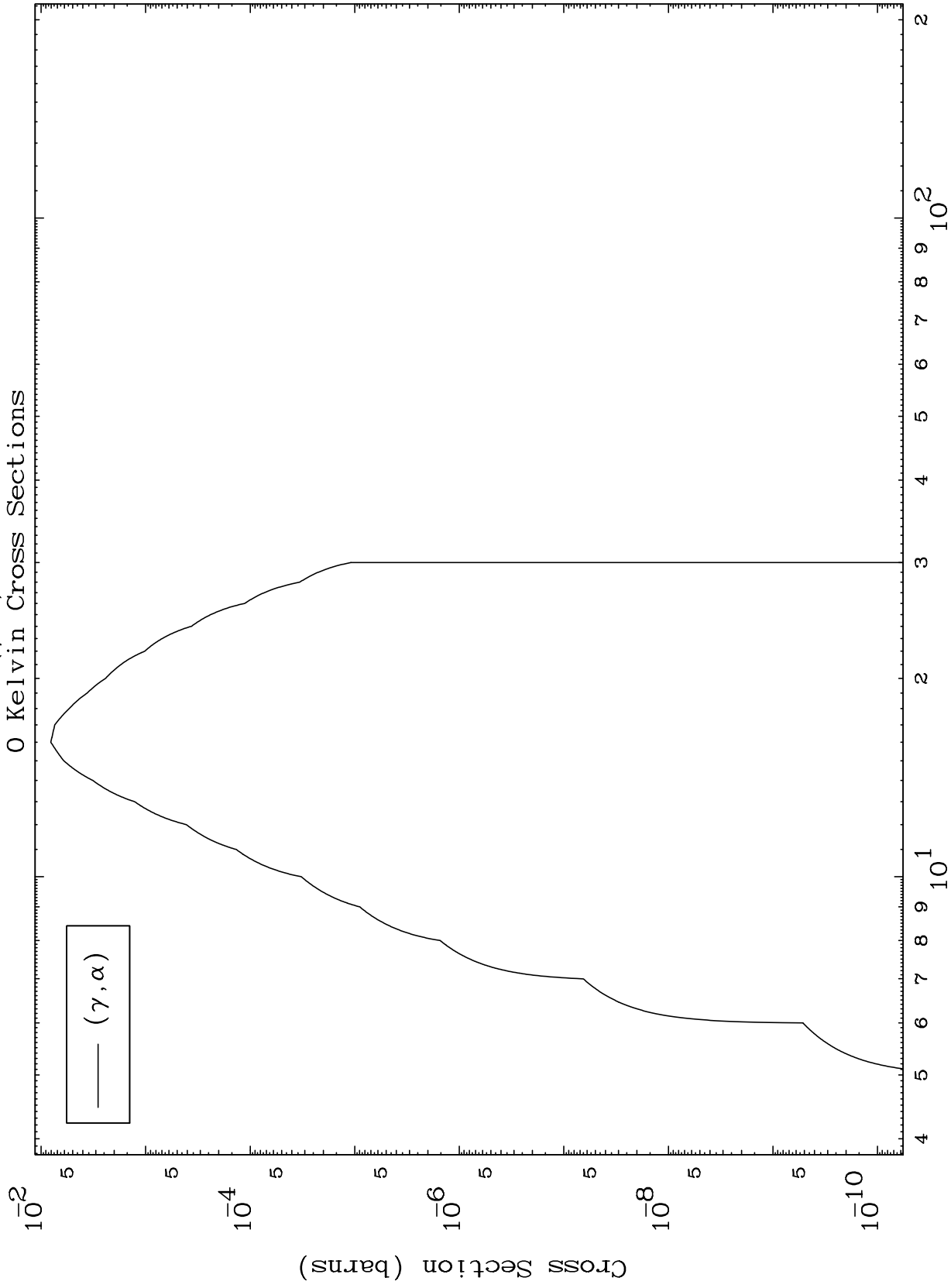
Incident Energy (MeV)

49-In-105

MAT 4901

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

49-In-105



10

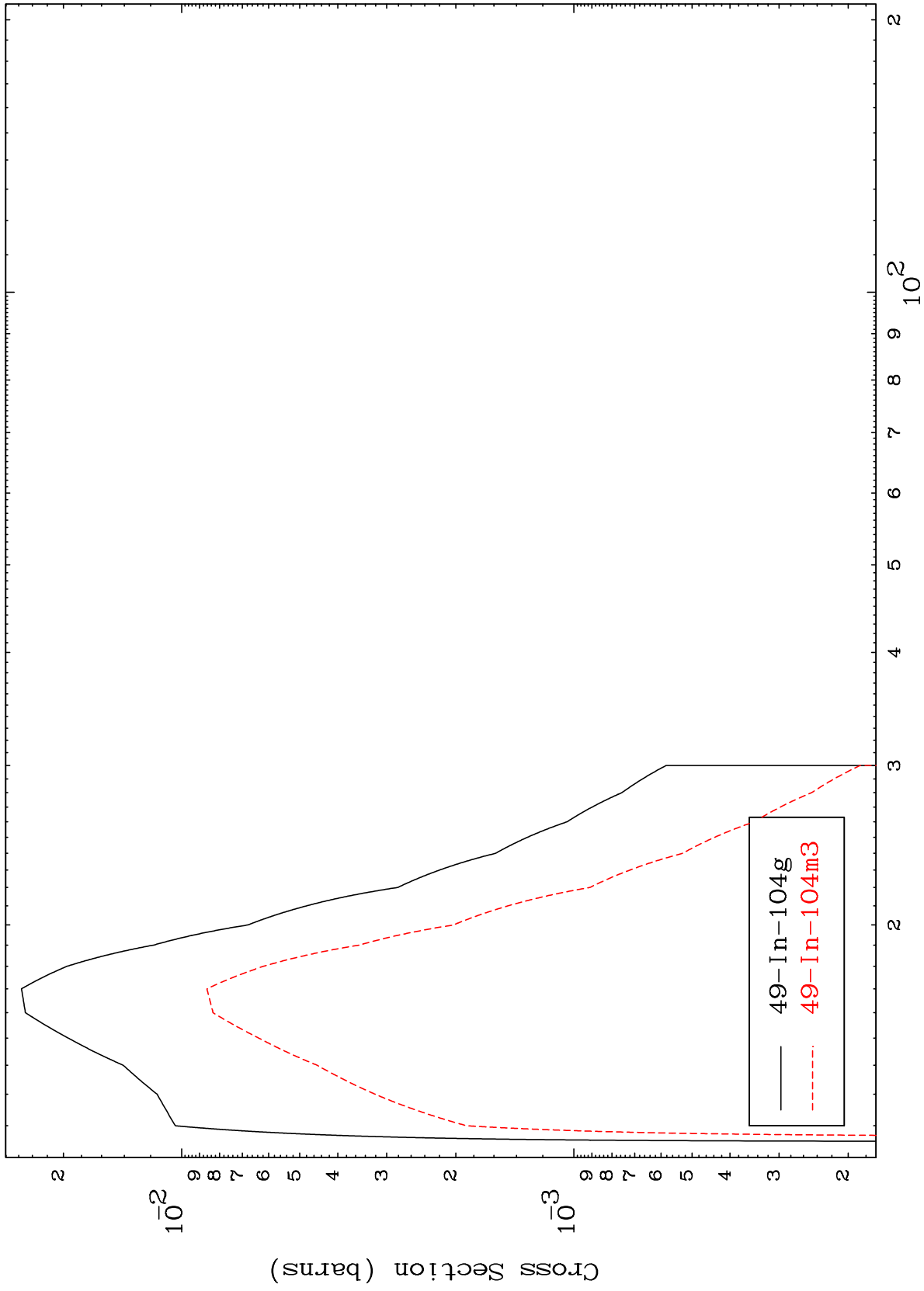
Incident Energy (MeV)

49-In-105

MAT 4901

Photon Inelastic  
Radionuclide Production Cross Section

49-In-105



11

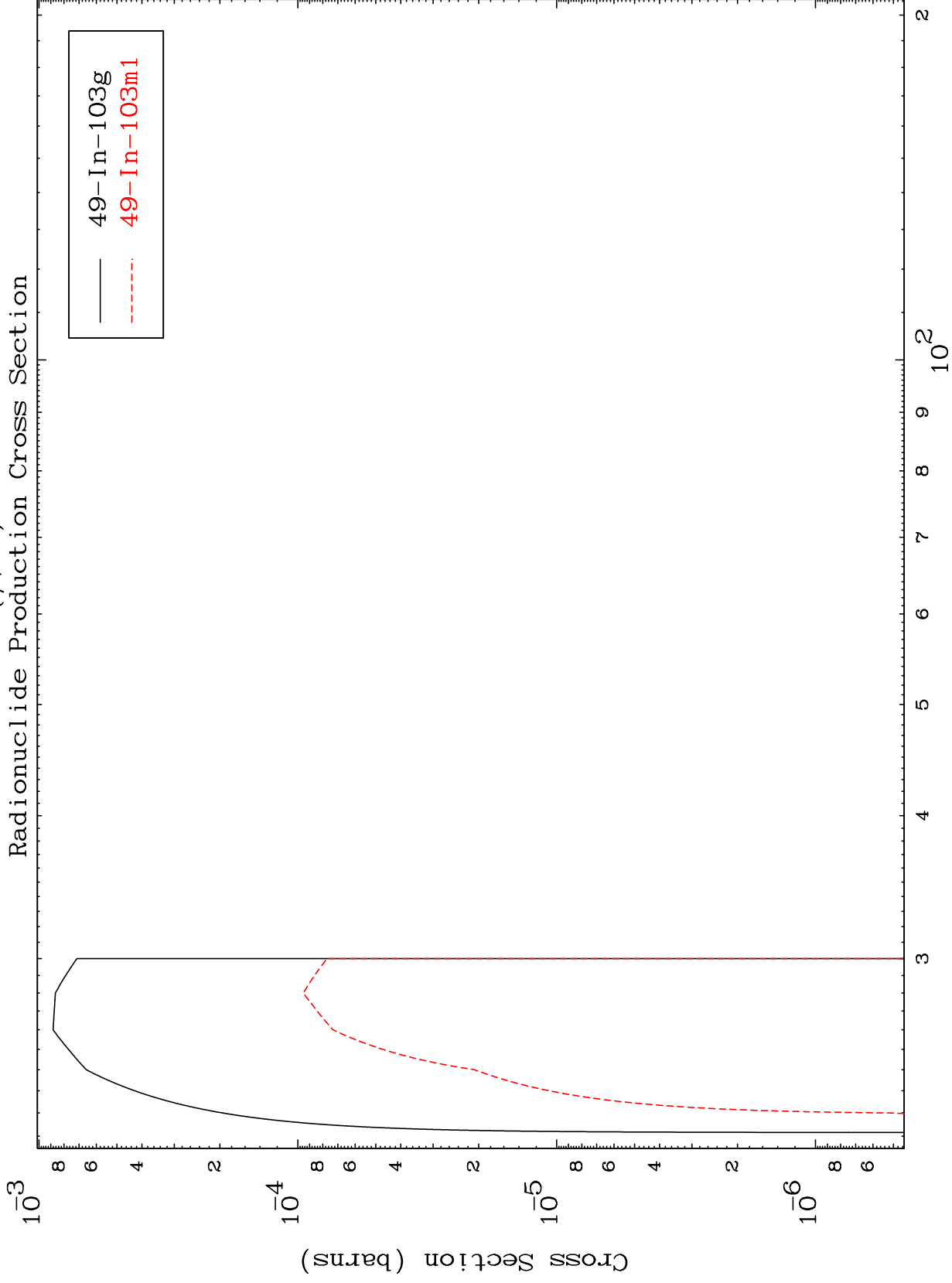
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

( $\gamma, 2n$ )  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

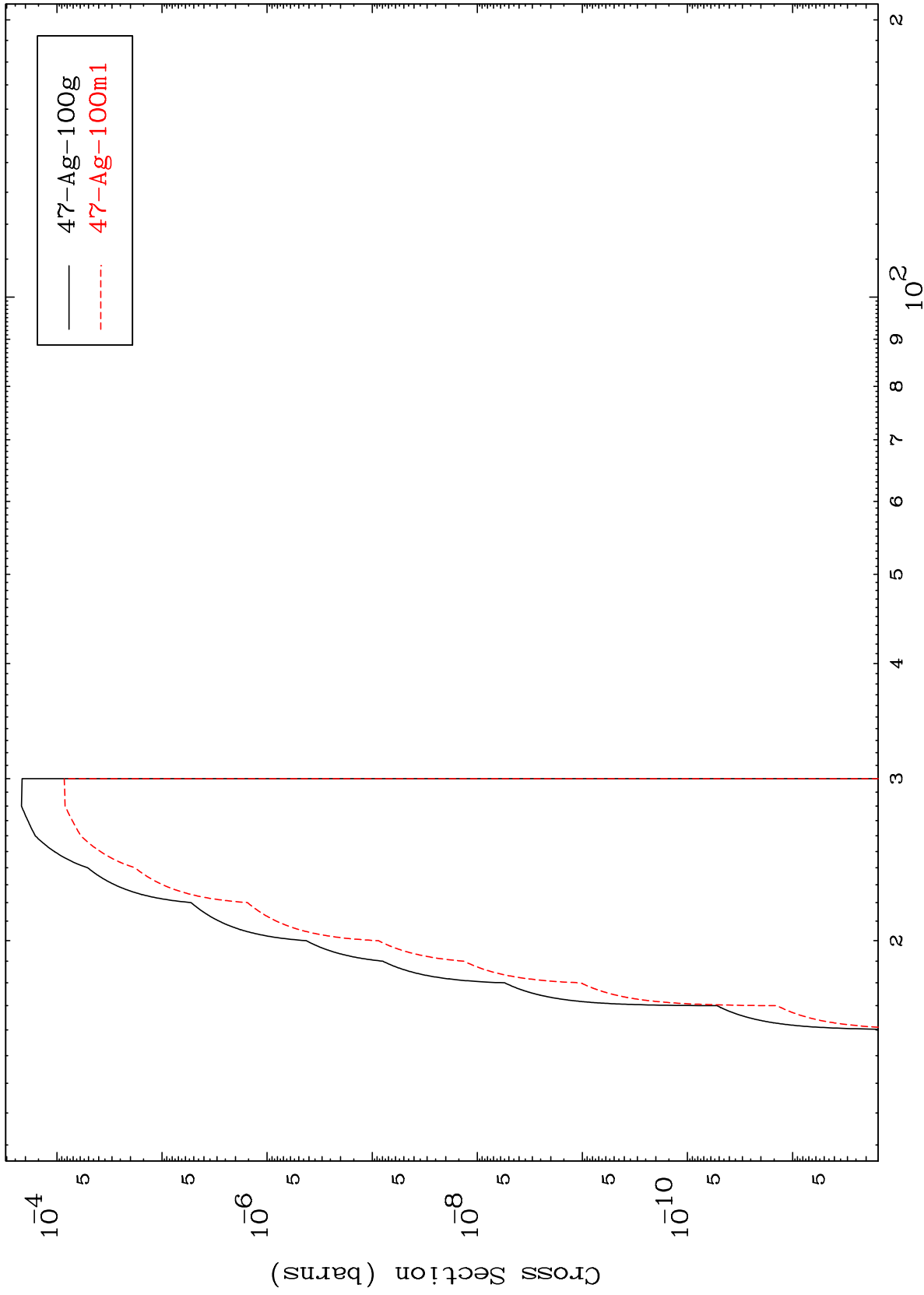
49-In-105

MAT 4901

$(\gamma, n')$   $\alpha$

49-In-105

Radionuclide Production Cross Section



13

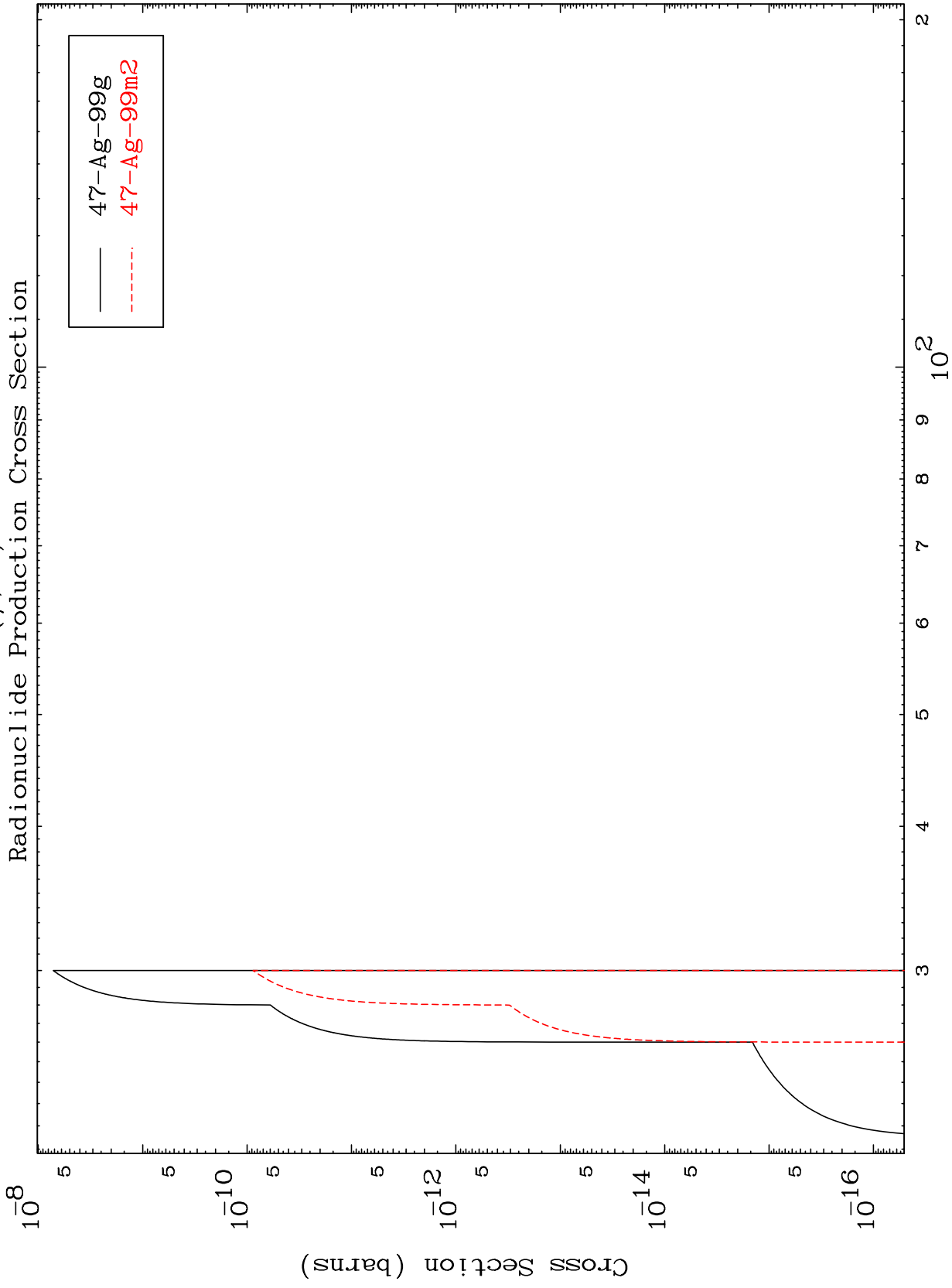
Incident Energy (MeV)

49-In-105

MAT 4901

$(\gamma, 2n) \alpha$

49-In-105



14

Incident Energy (MeV)

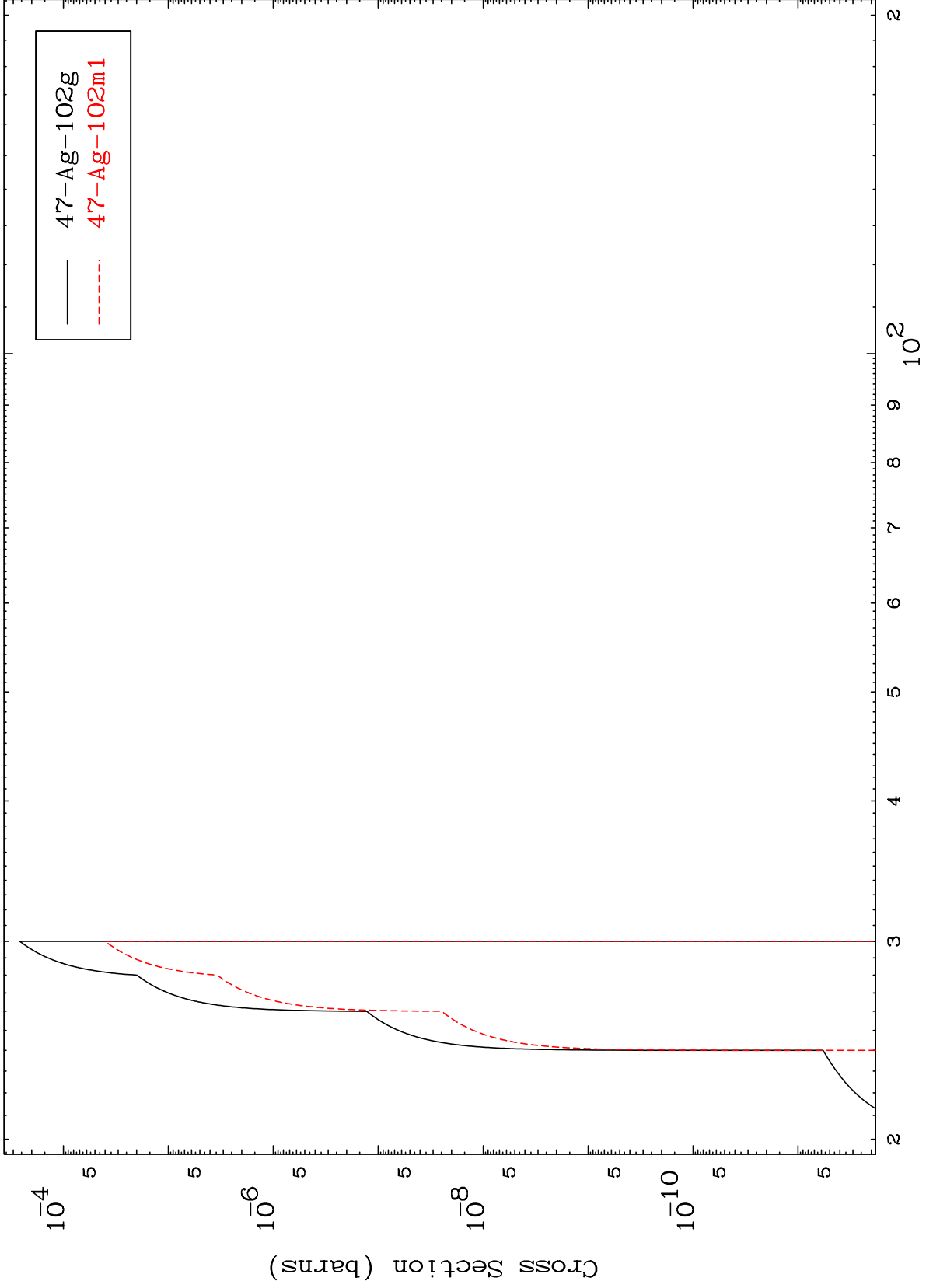
49-In-105

MAT 4901

( $\gamma, 2n$ ) p

49-In-105

Radionuclide Production Cross Section



15

Incident Energy (MeV)

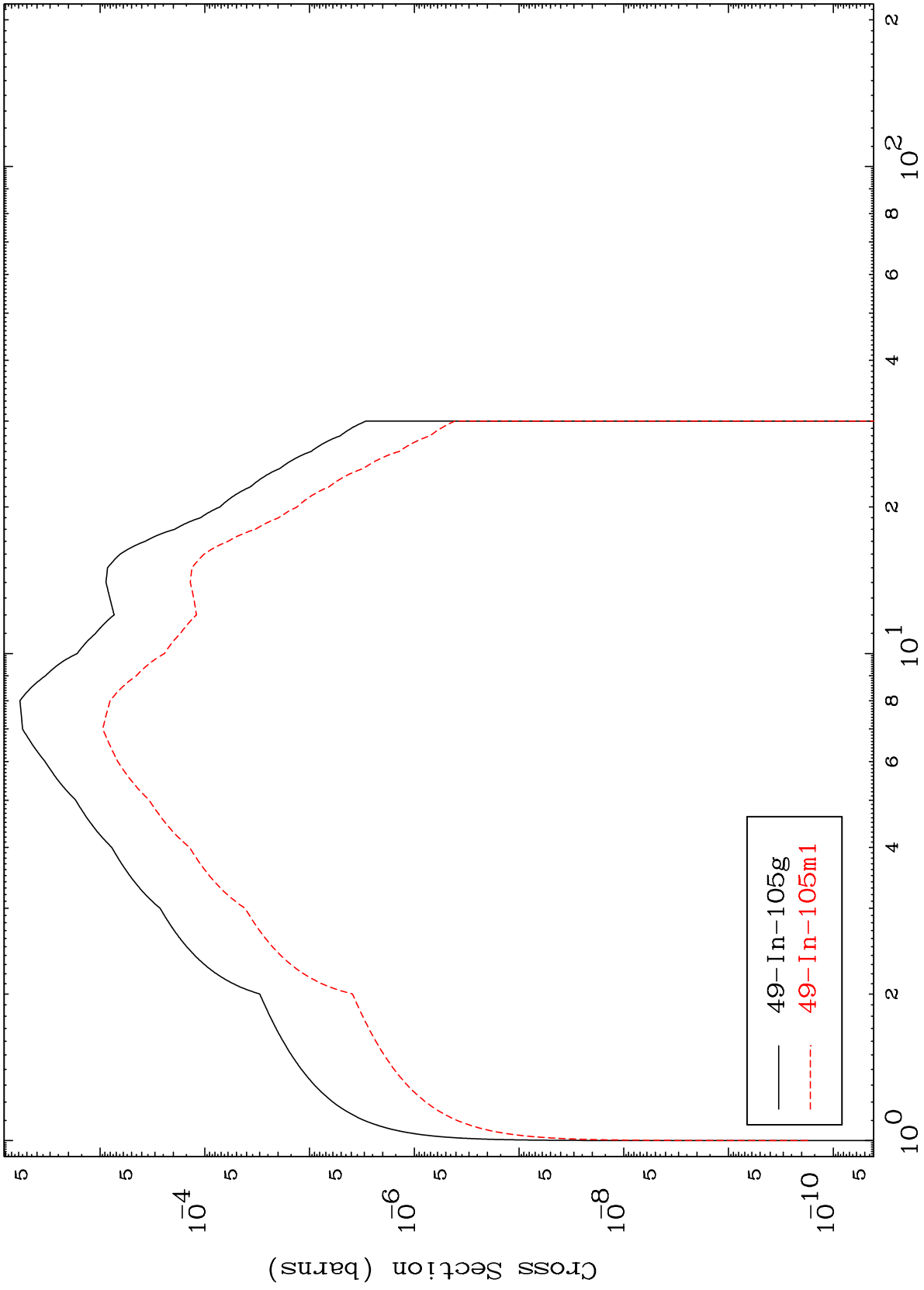
49-In-105



MAT 4901

49-In-105

Radionuclide Production Cross Section  
( $\gamma, \gamma$ )



Incident Energy (MeV)

49-In-105

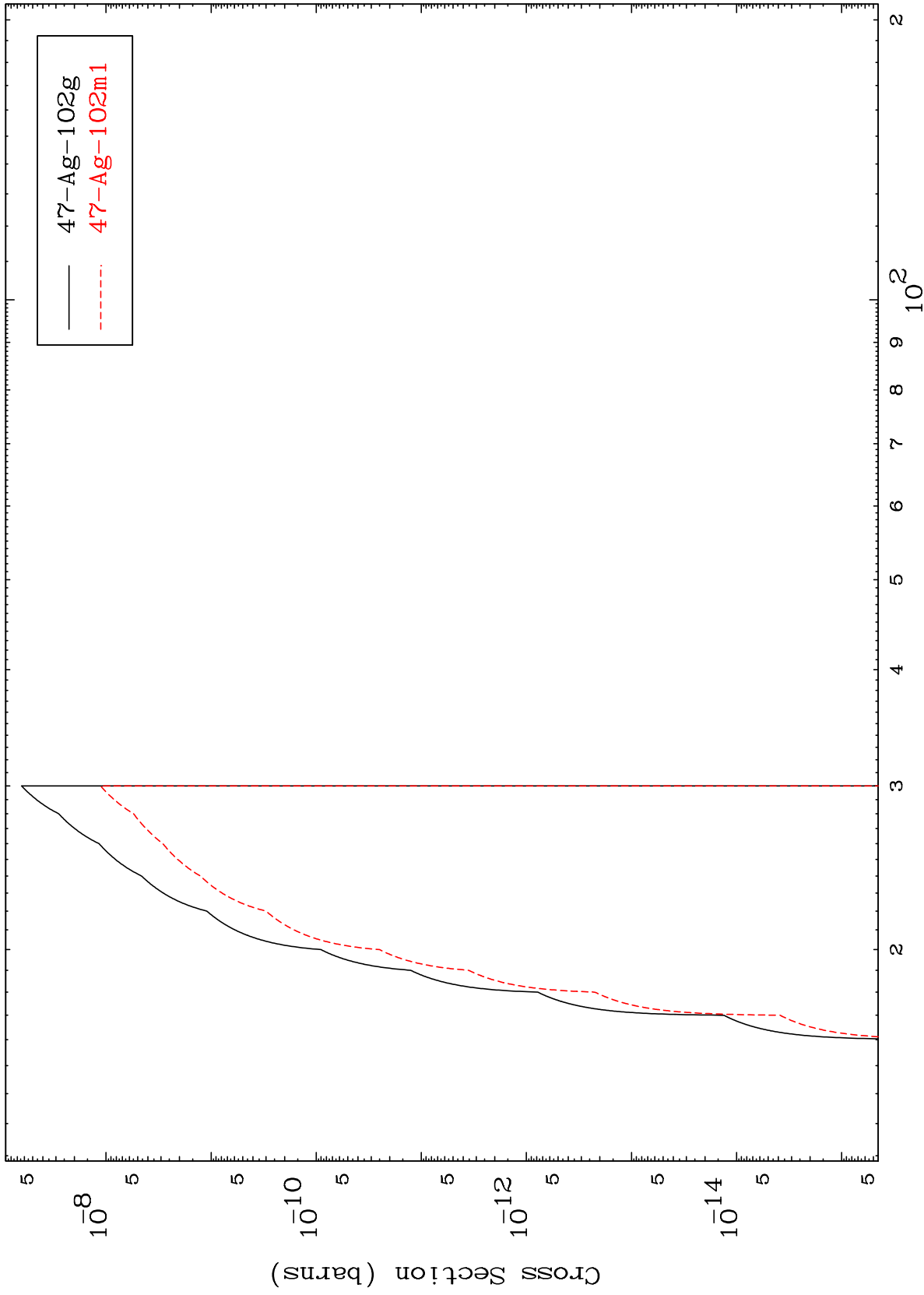
— 49-In-105g  
- - - 49-In-105m1

MAT 4901

( $\gamma, \text{He-3}$ )

49-In-105

Radionuclide Production Cross Section



17

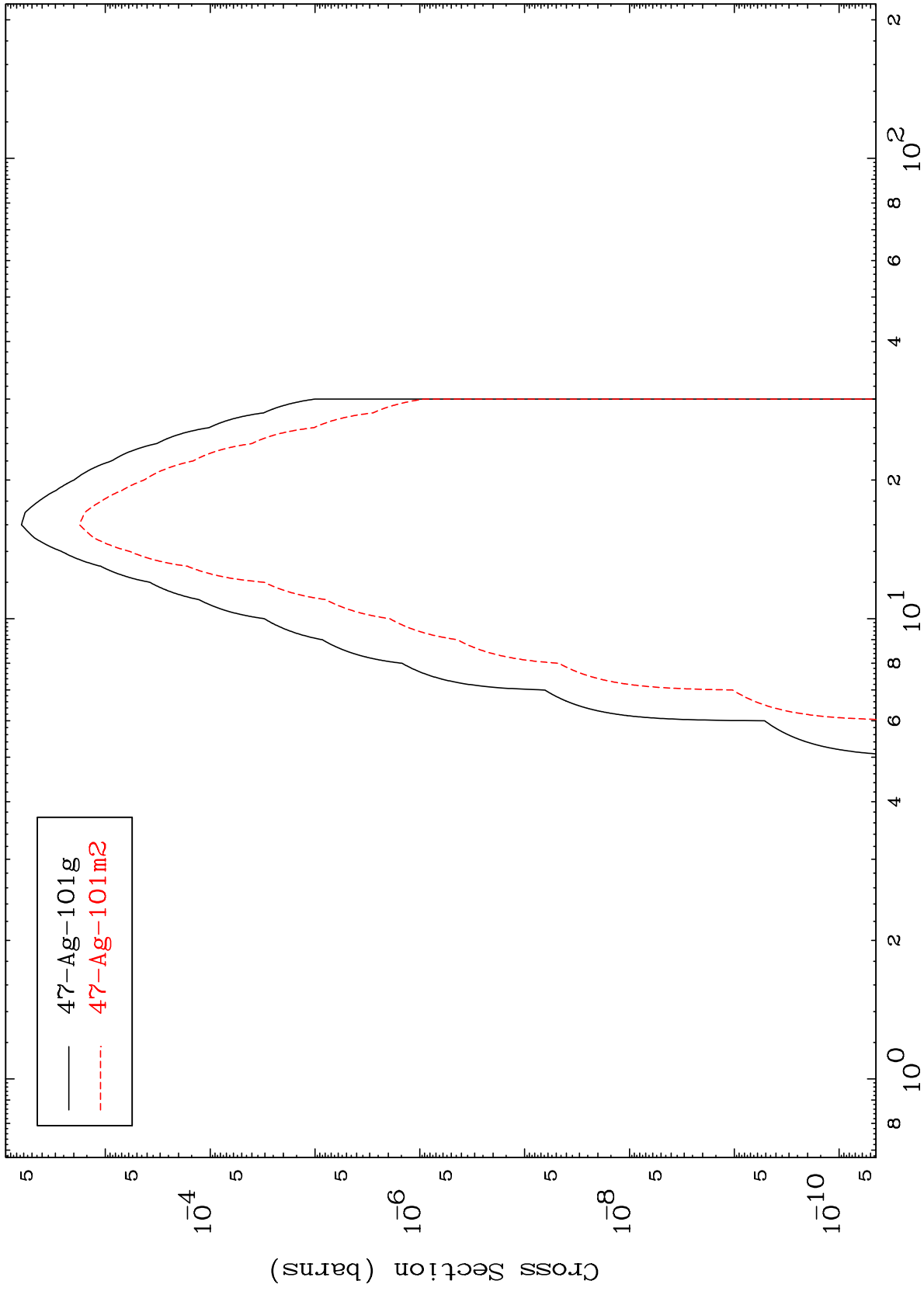
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

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



18

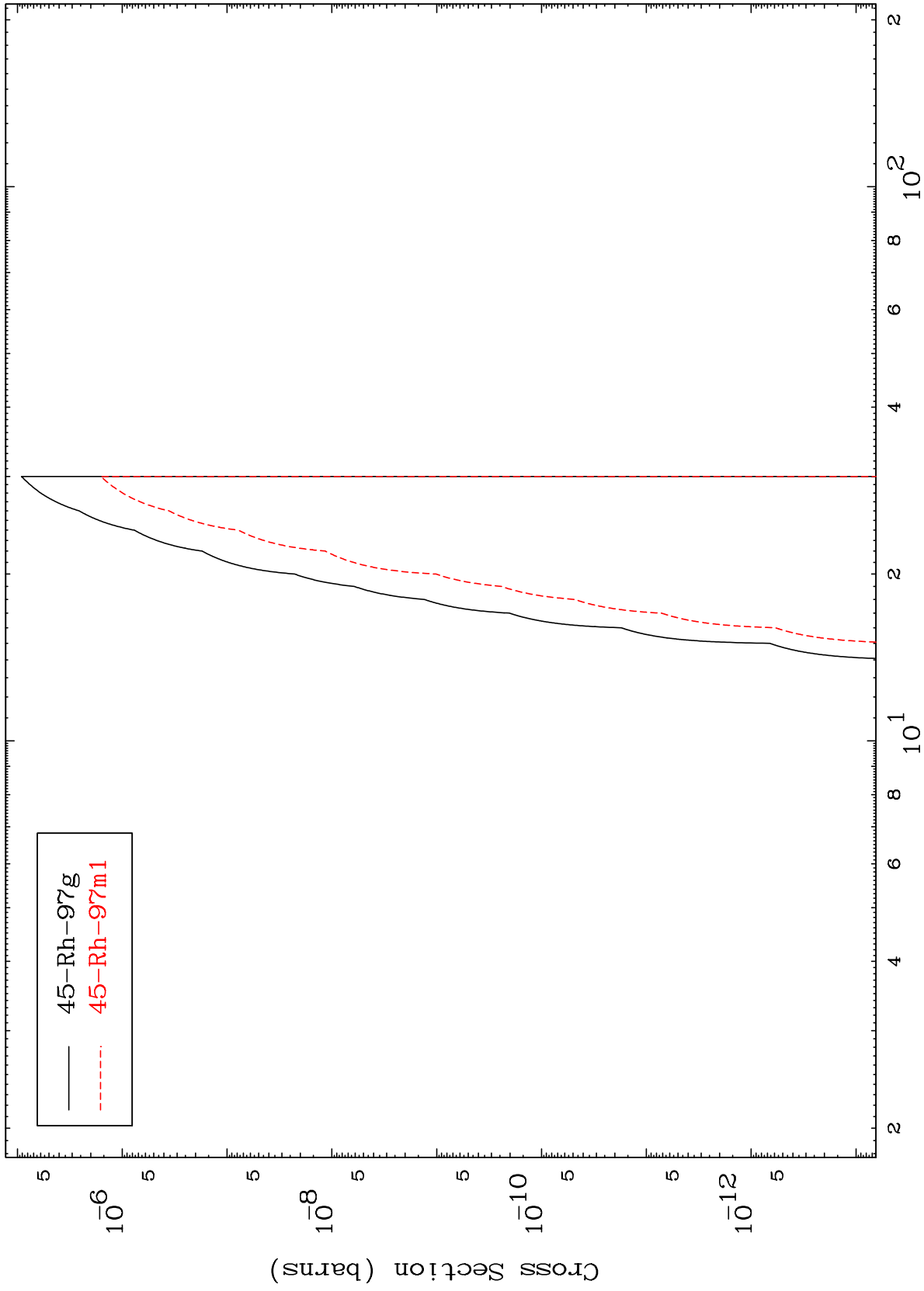
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

Radionuclide Production Cross Section



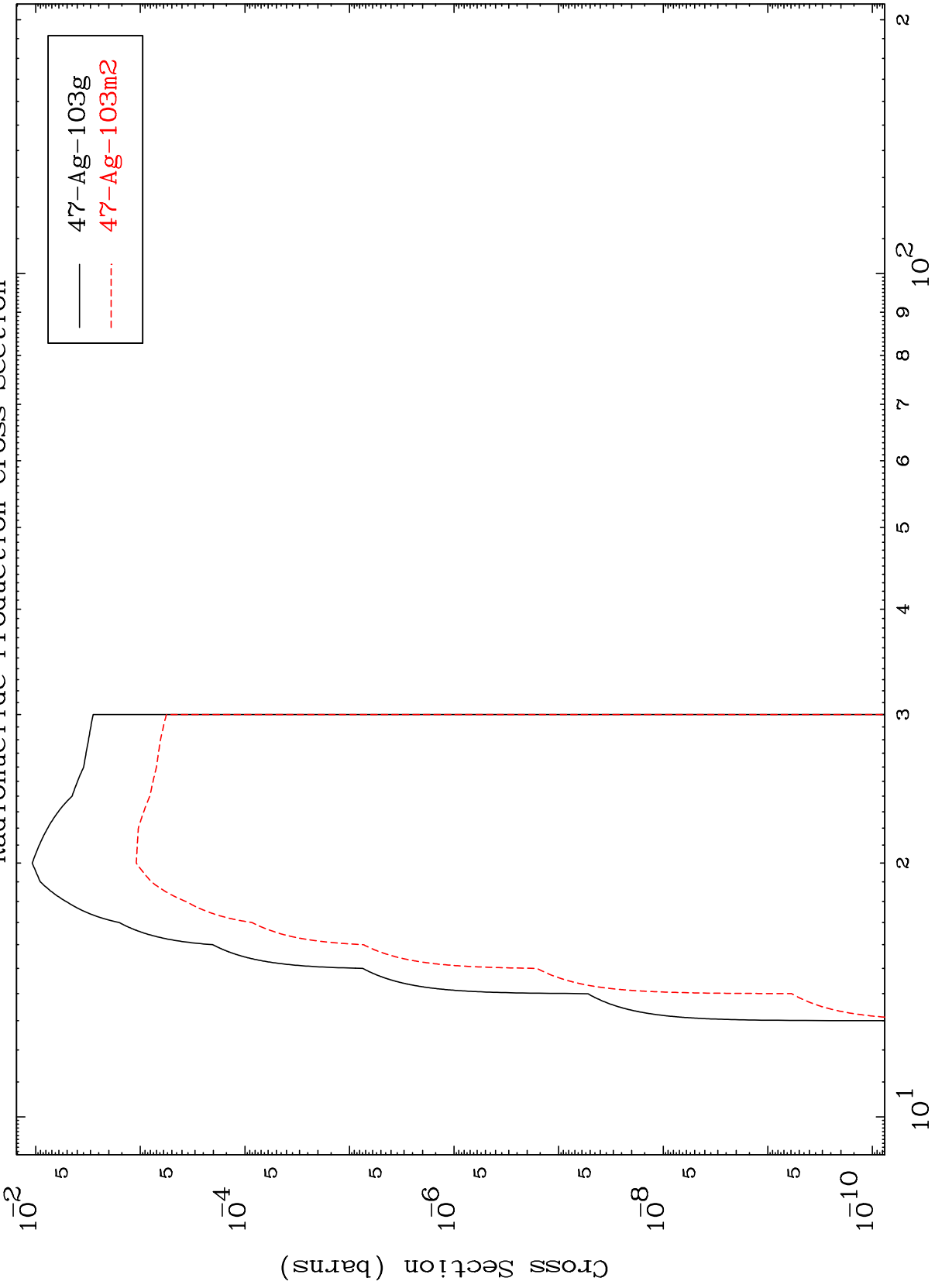
19

49-In-105

MAT 4901

49-In-105

( $\gamma, 2p$ )  
Radionuclide Production Cross Section



Incident Energy (MeV)

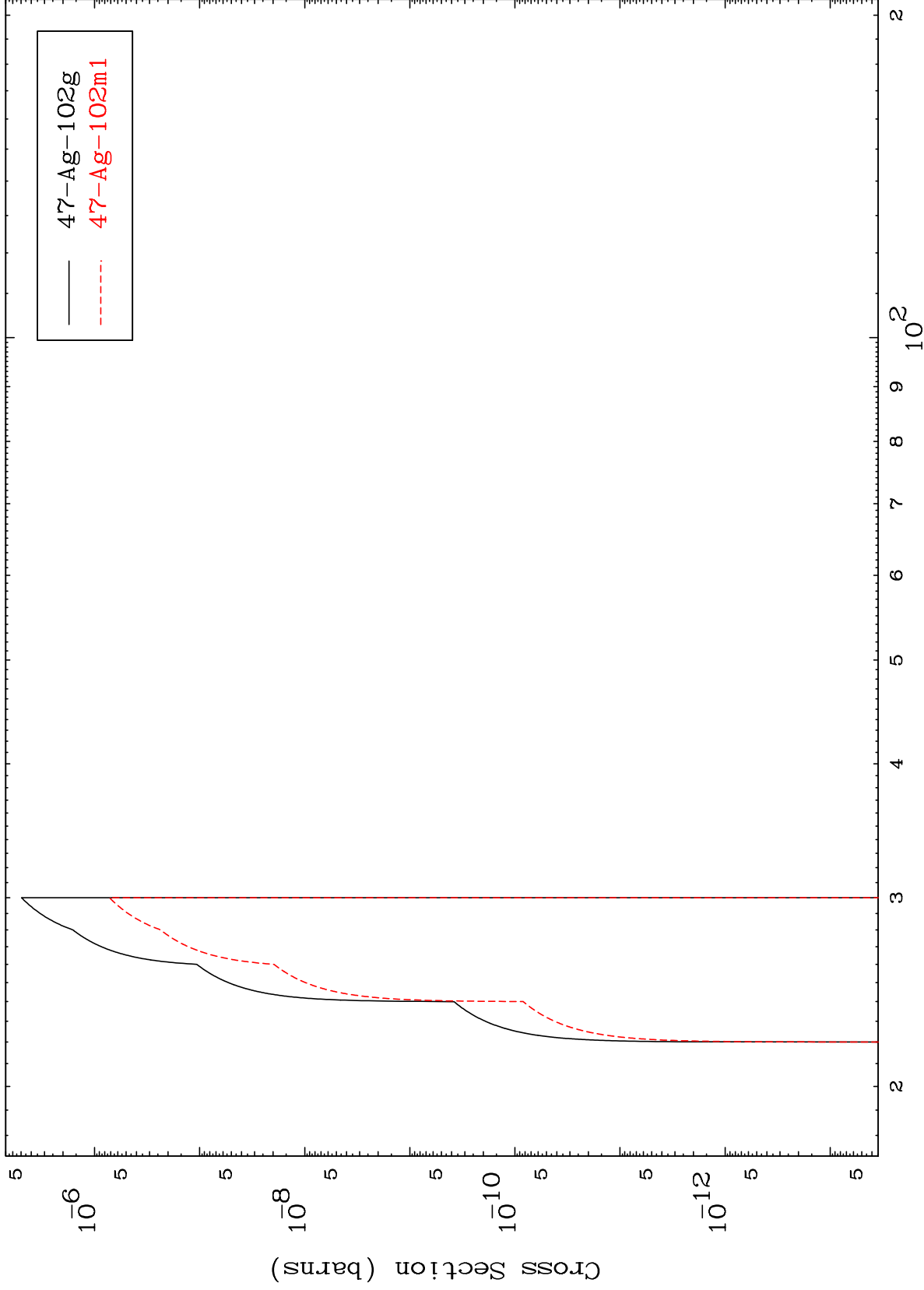
49-In-105

MAT 4901

( $\gamma, p$ ) d

49-In-105

Radionuclide Production Cross Section



21

Incident Energy (MeV)

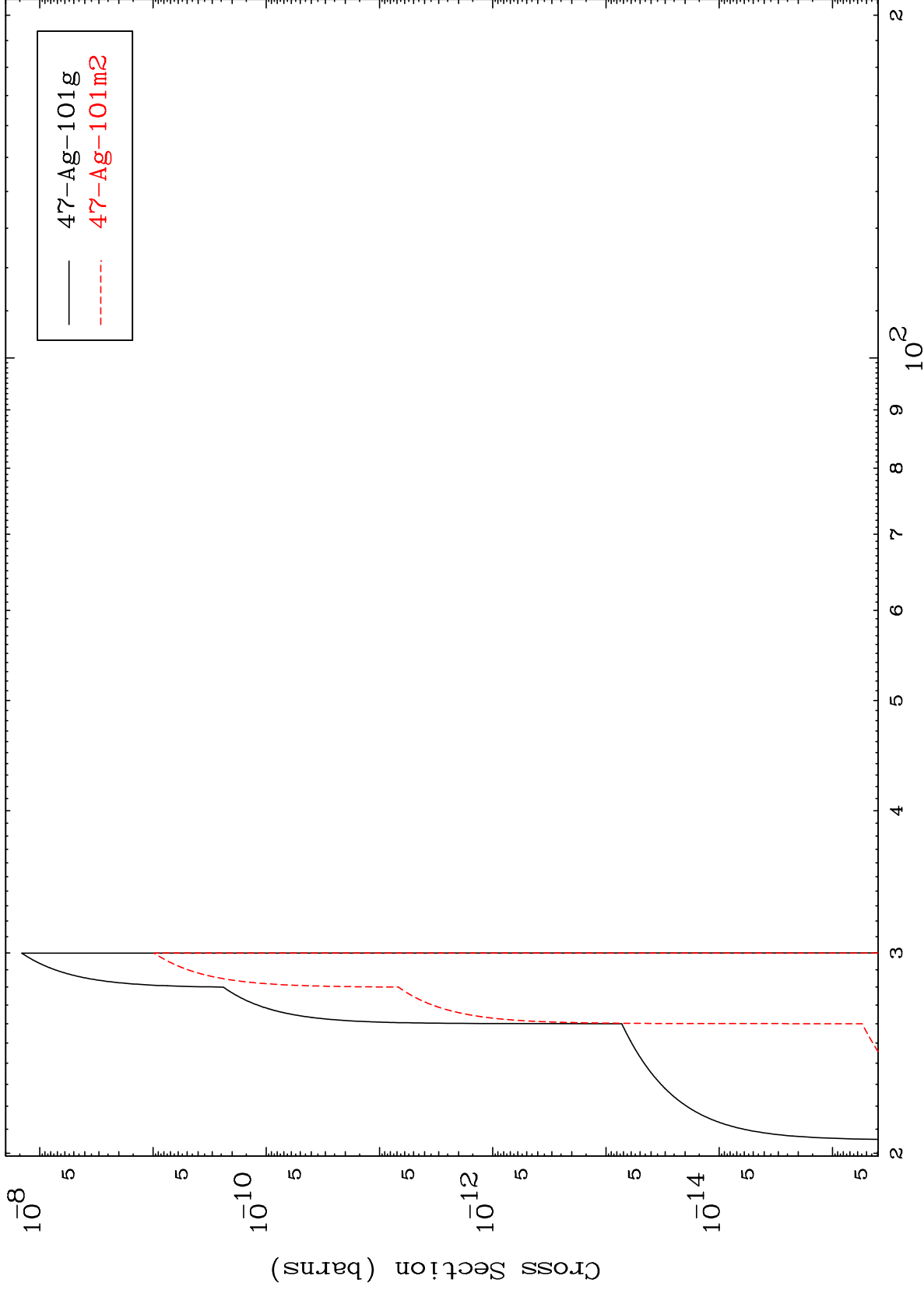
49-In-105

MAT 4901

( $\gamma, p$ ) t

49-In-105

Radionuclide Production Cross Section



22

Incident Energy (MeV)

49-In-105