

Program EVALPLOT  
(Version 2021-1)

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

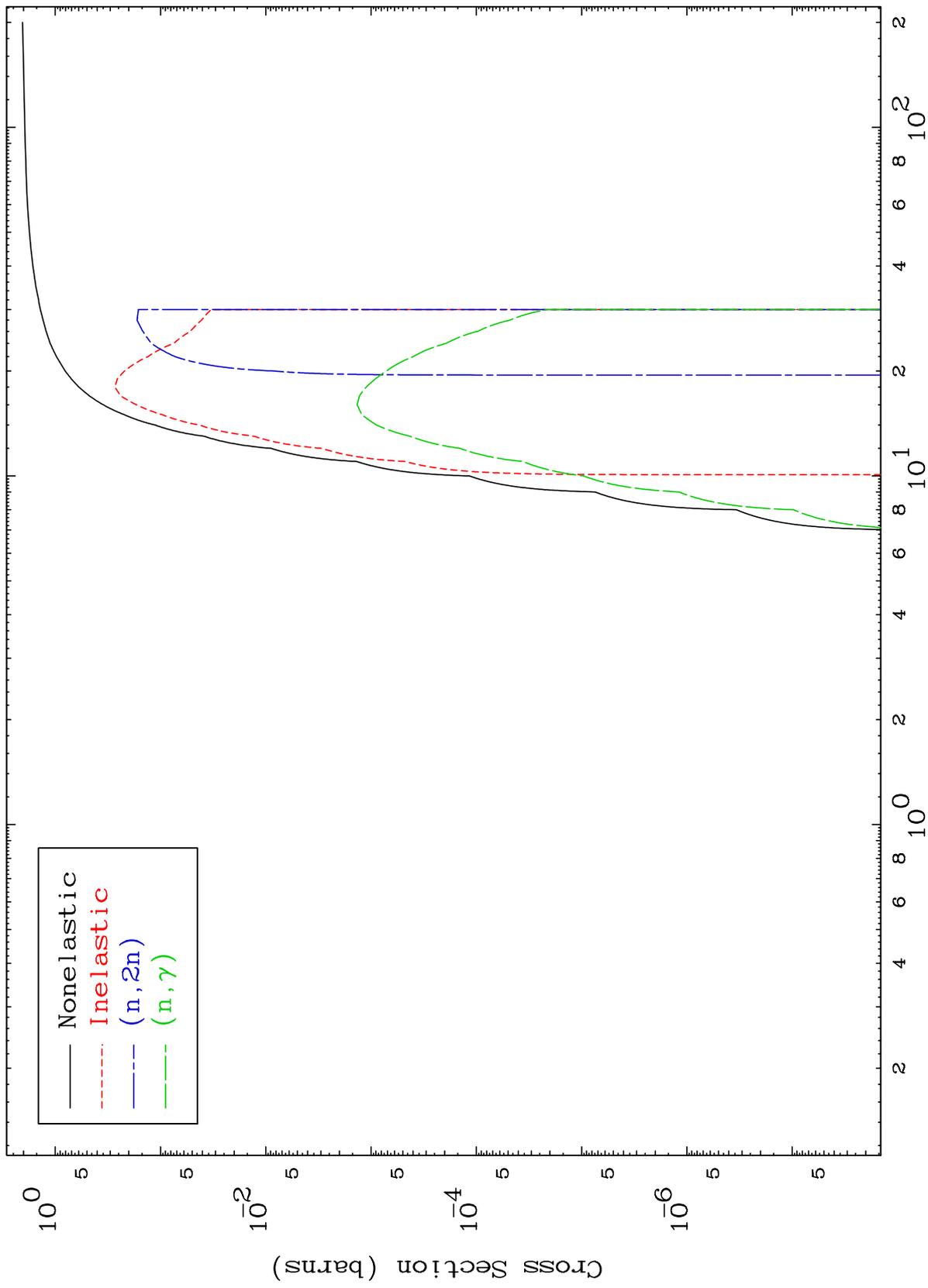
Press Mouse Button to Start

MAT 4714

0 Kelvin

$\alpha$  Major Cross Sections

47-Ag-103m



1

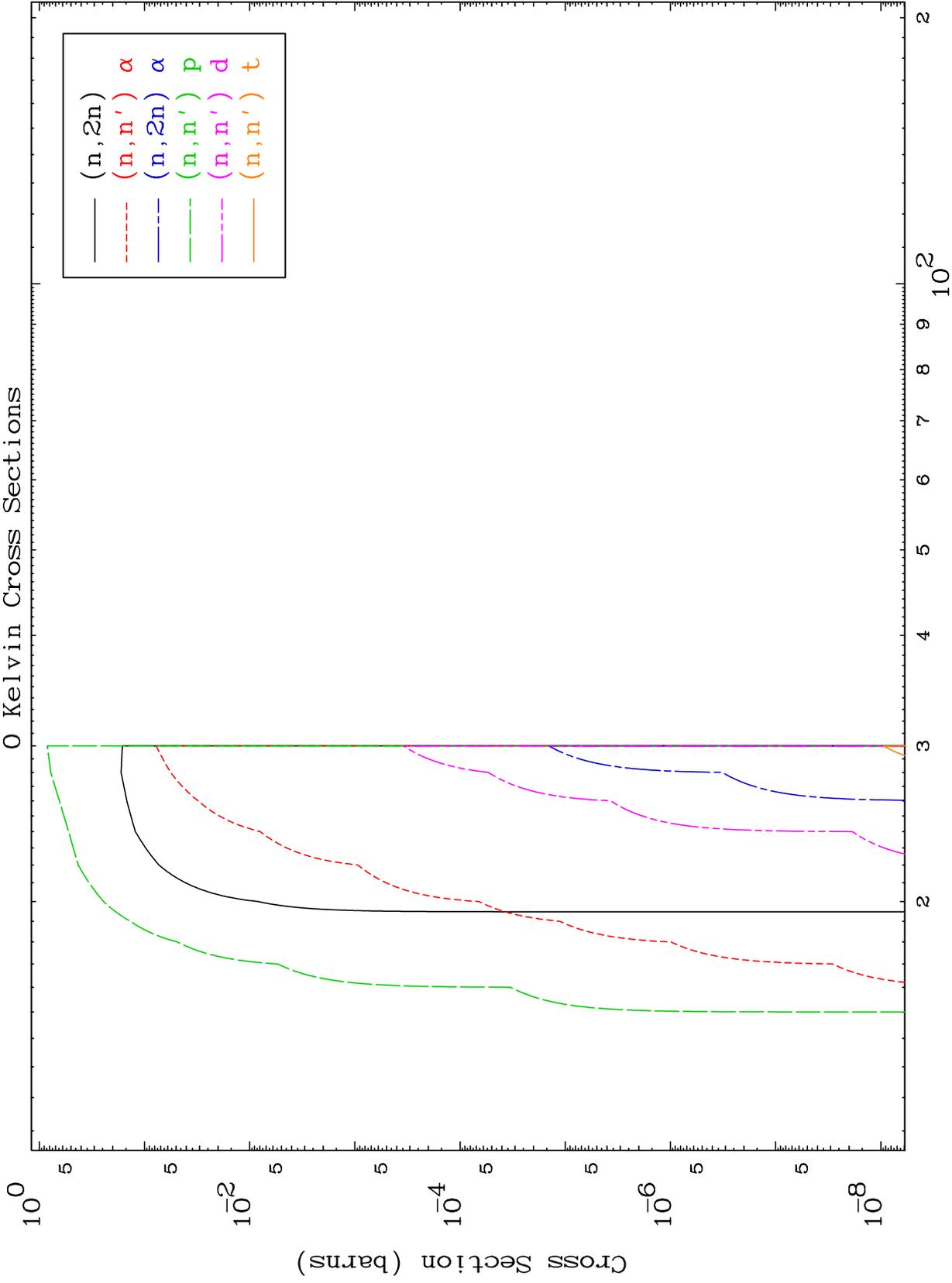
Incident Energy (MeV)

47-Ag-103m

MAT 4714

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

47-Ag-103m



2

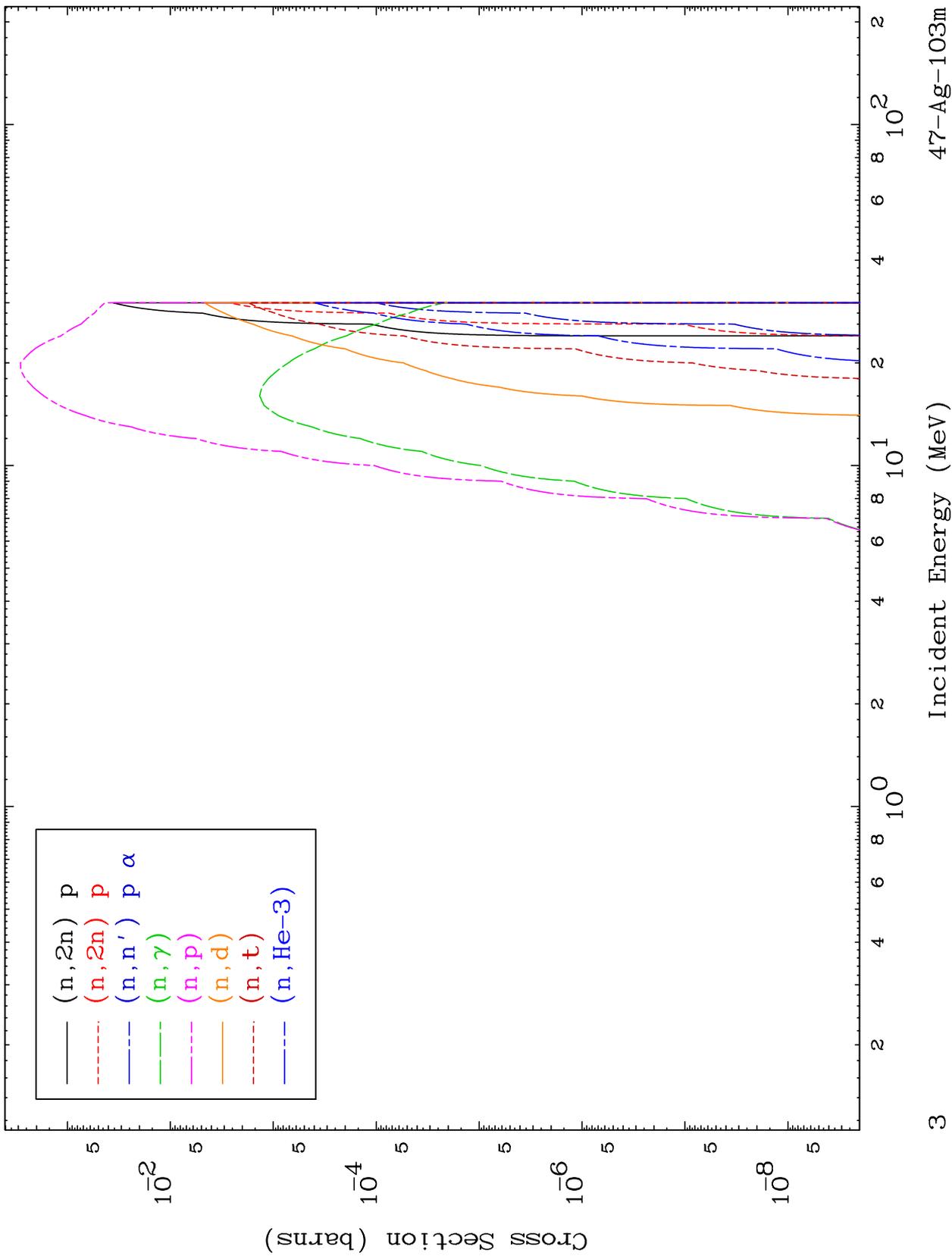
Incident Energy (MeV)

47-Ag-103m

MAT 4714

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

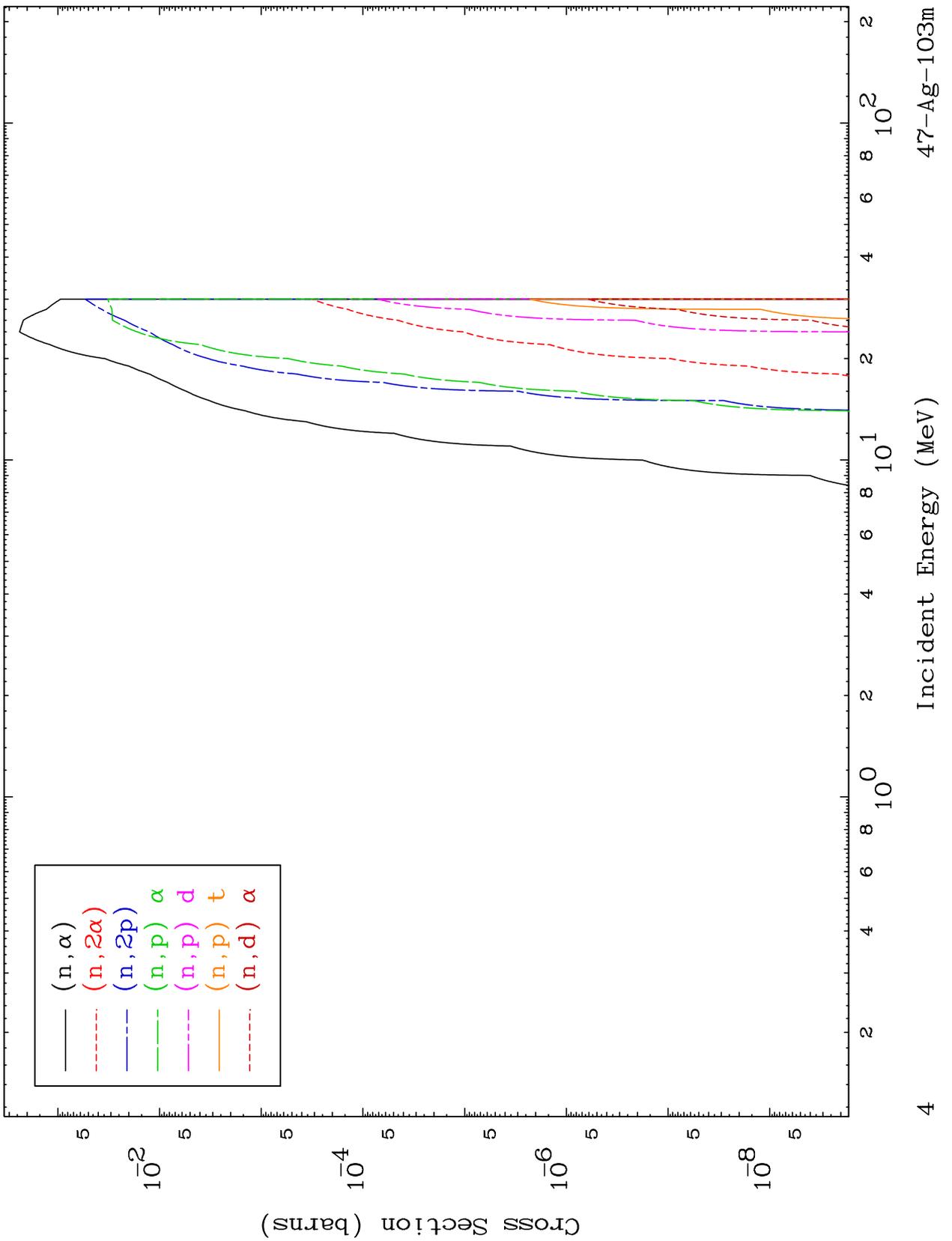
47-Ag-103m

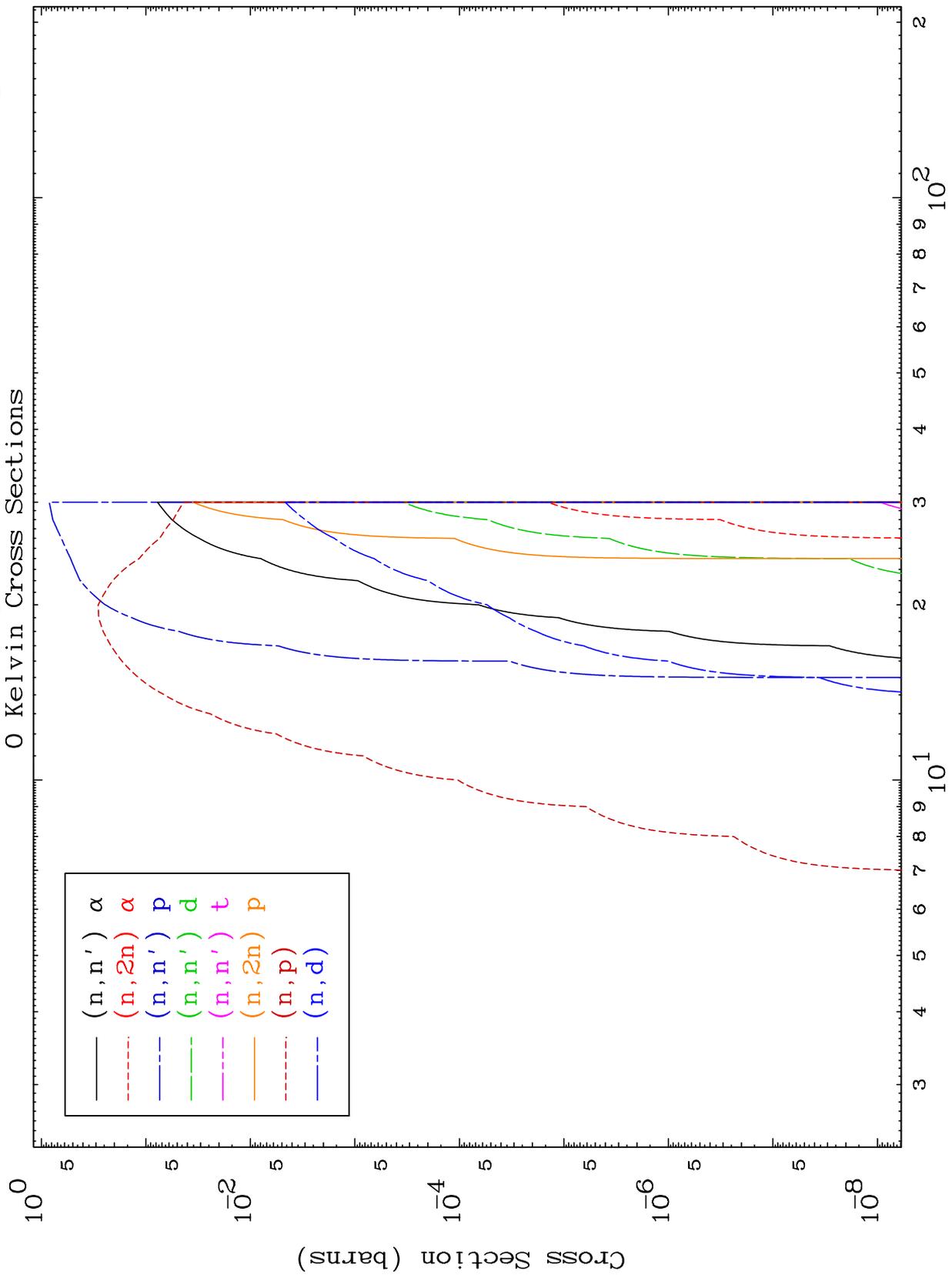


MAT 4714

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

47-Ag-103m

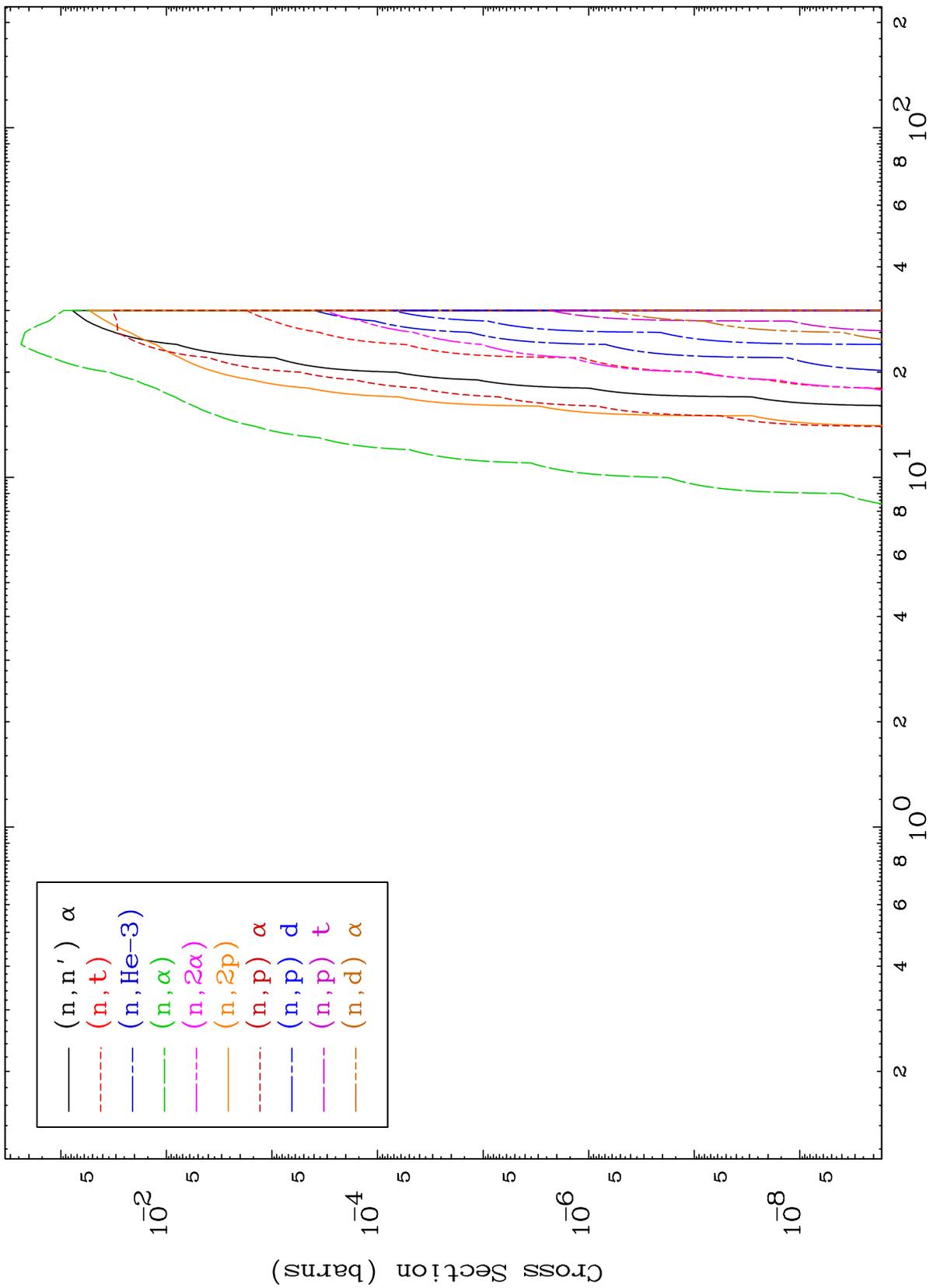




MAT 4714

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

47-Ag-103m

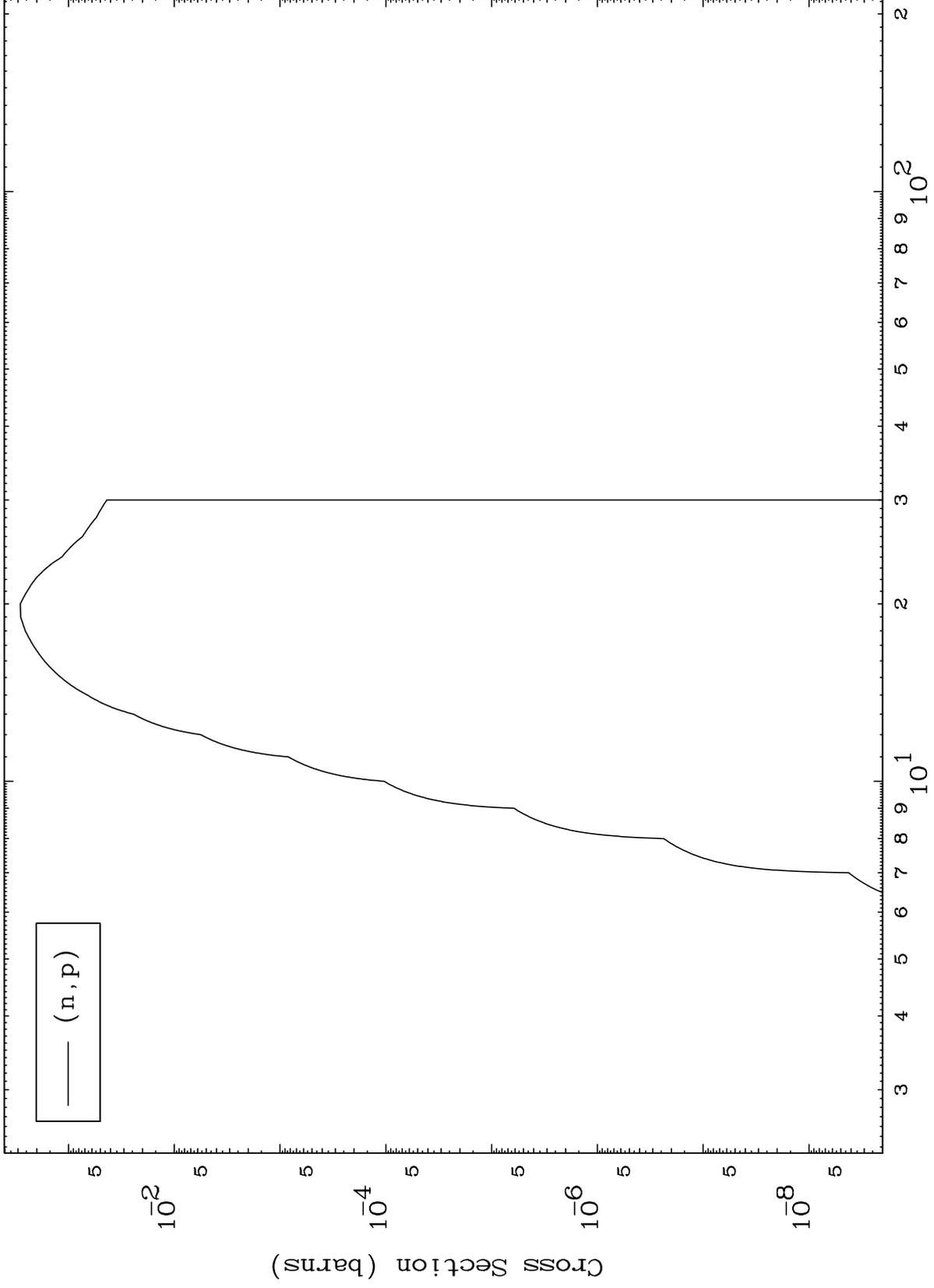


MAT 4714

( $\alpha, p$ ) Levels

47-Ag-103m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

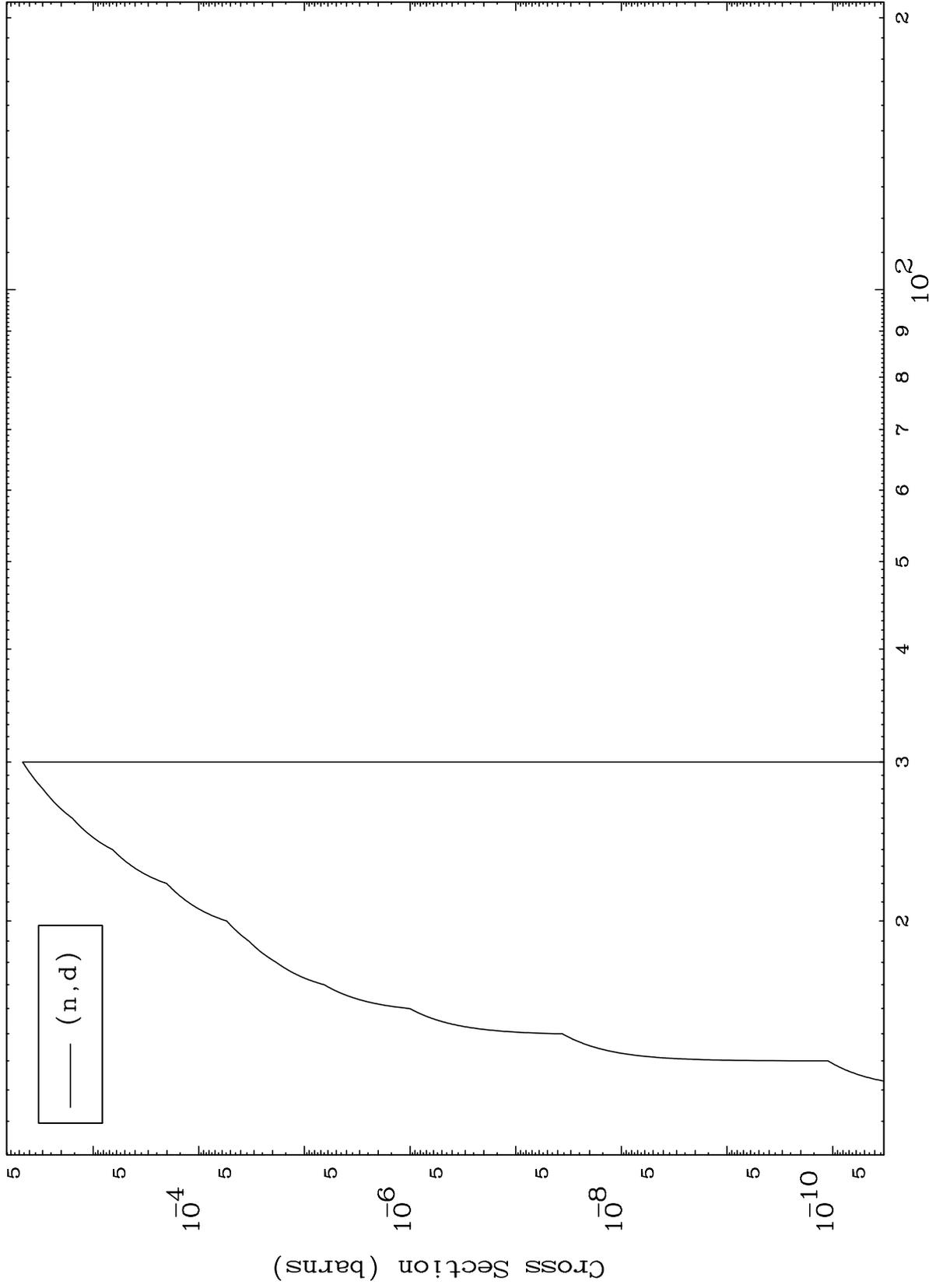
47-Ag-103m

MAT 4714

( $\alpha, d$ ) Levels

47-Ag-103m

0 Kelvin Cross Sections



8

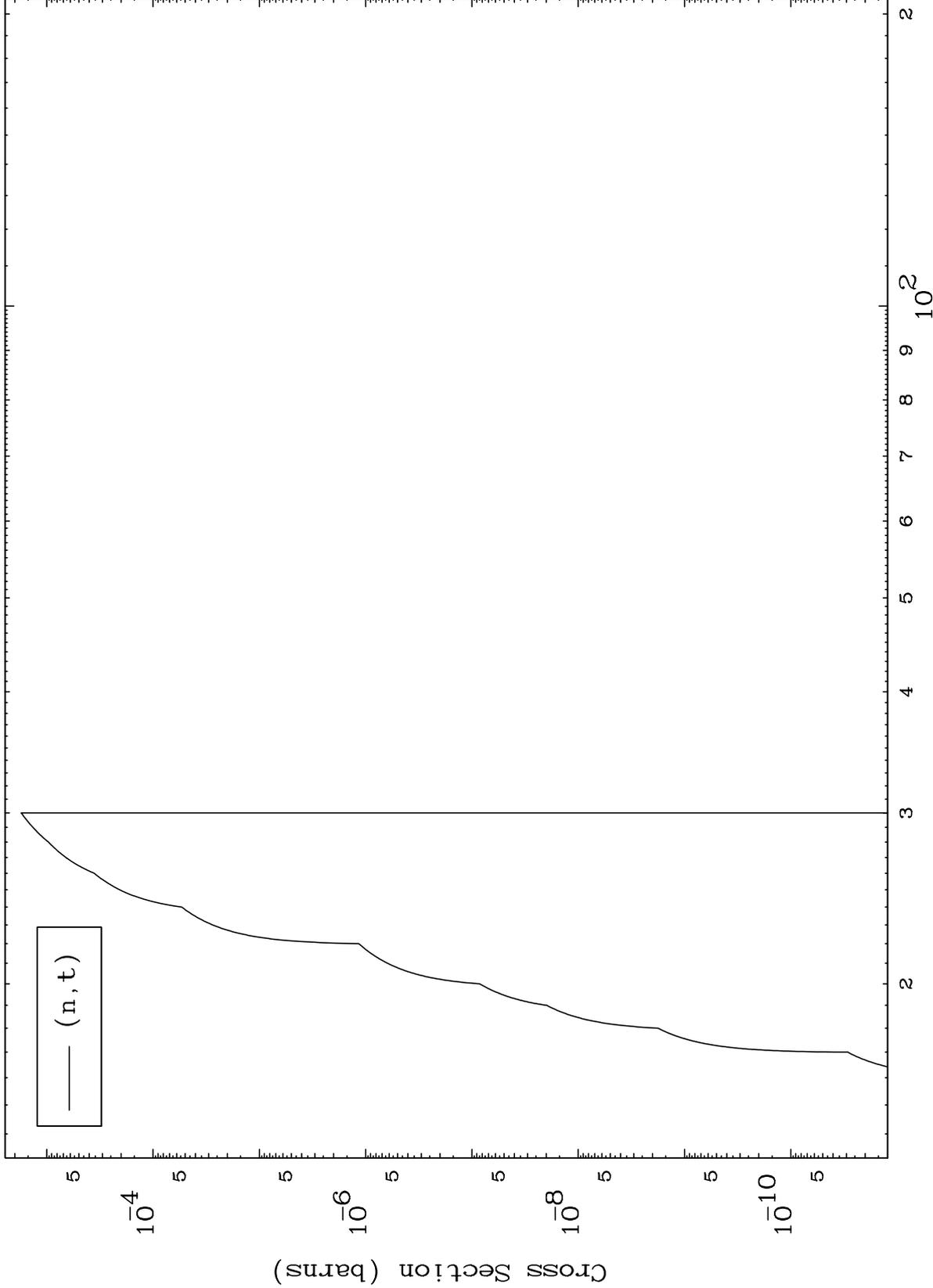
Incident Energy (MeV)

47-Ag-103m

MAT 4714

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

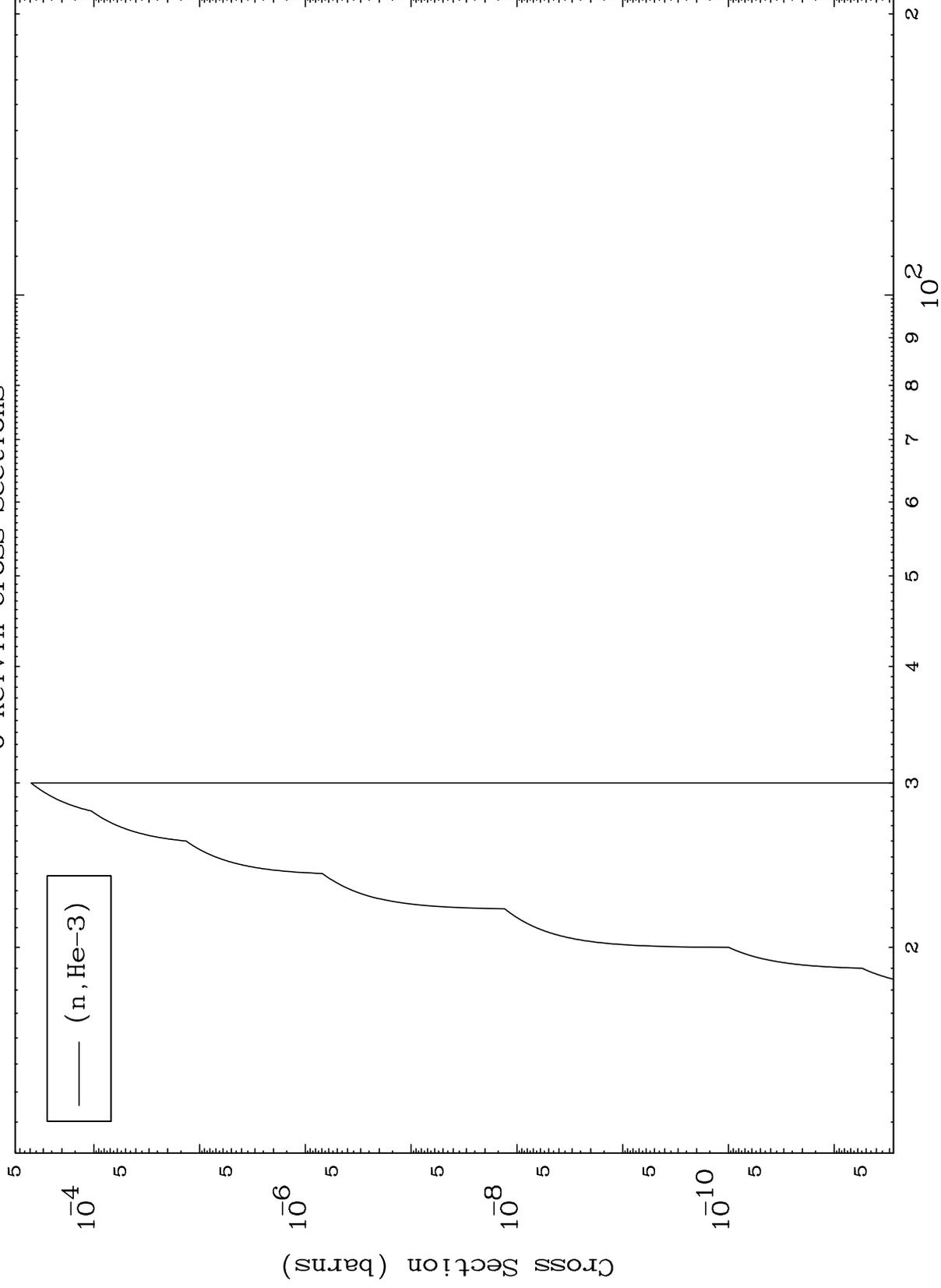
47-Ag-103m



MAT 4714

47-Ag-103m

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



47-Ag-103m

Incident Energy (MeV)

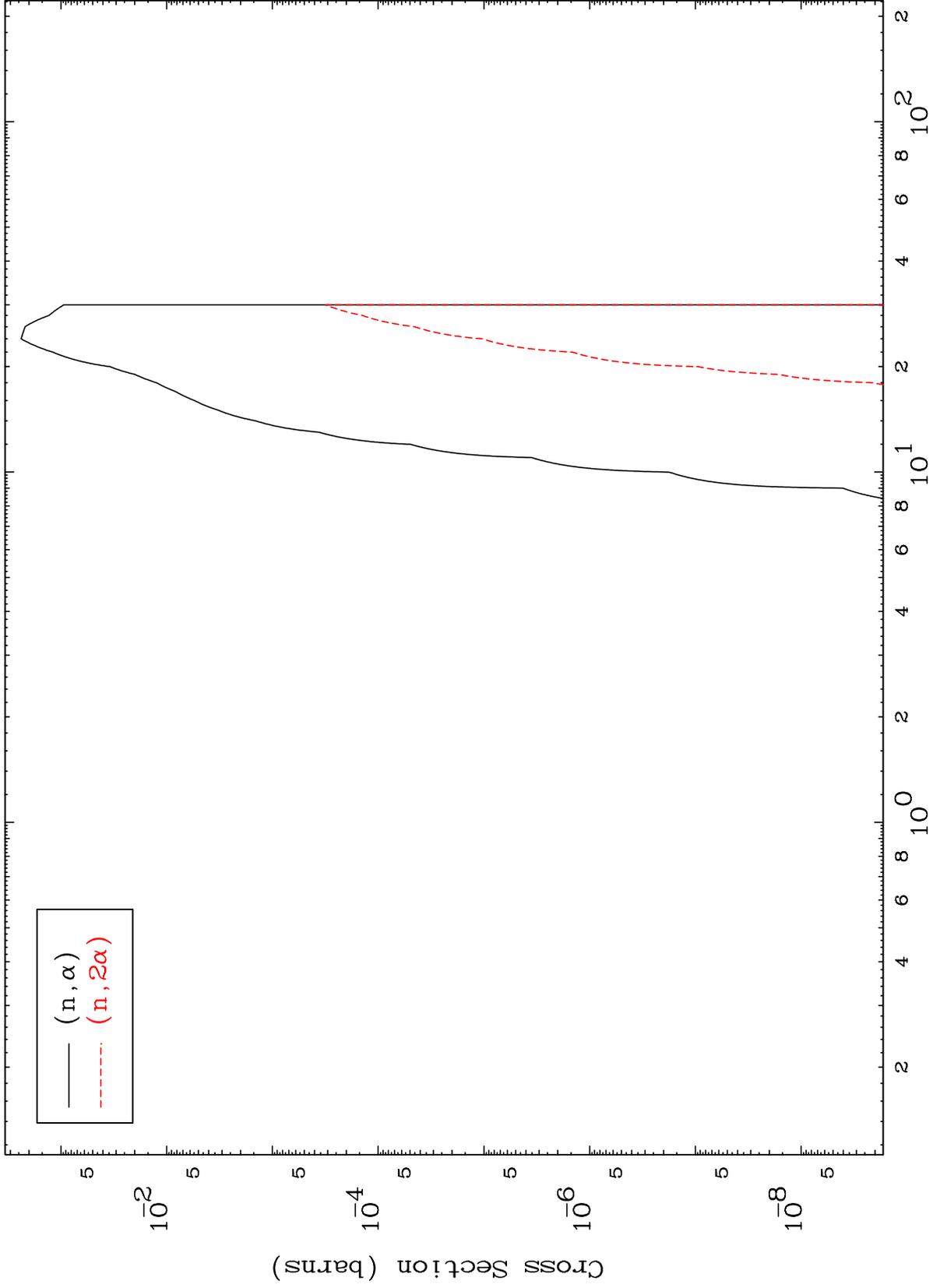
10

MAT 4714

( $\alpha, \alpha$ ) Levels

47-Ag-103m

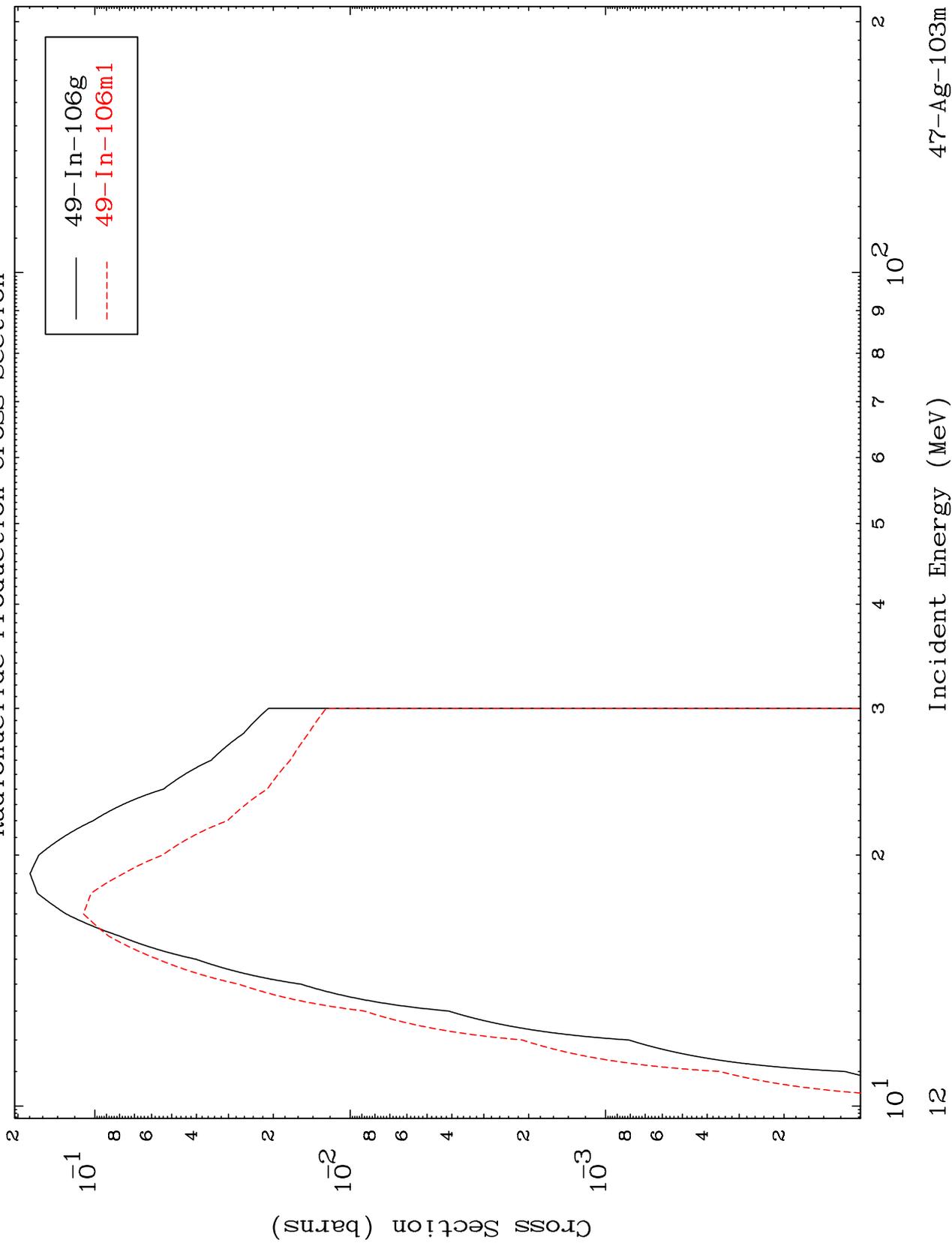
0 Kelvin Cross Sections



MAT 4714

47-Ag-103m

Inelastic  
Radionuclide Production Cross Section



47-Ag-103m

Incident Energy (MeV)

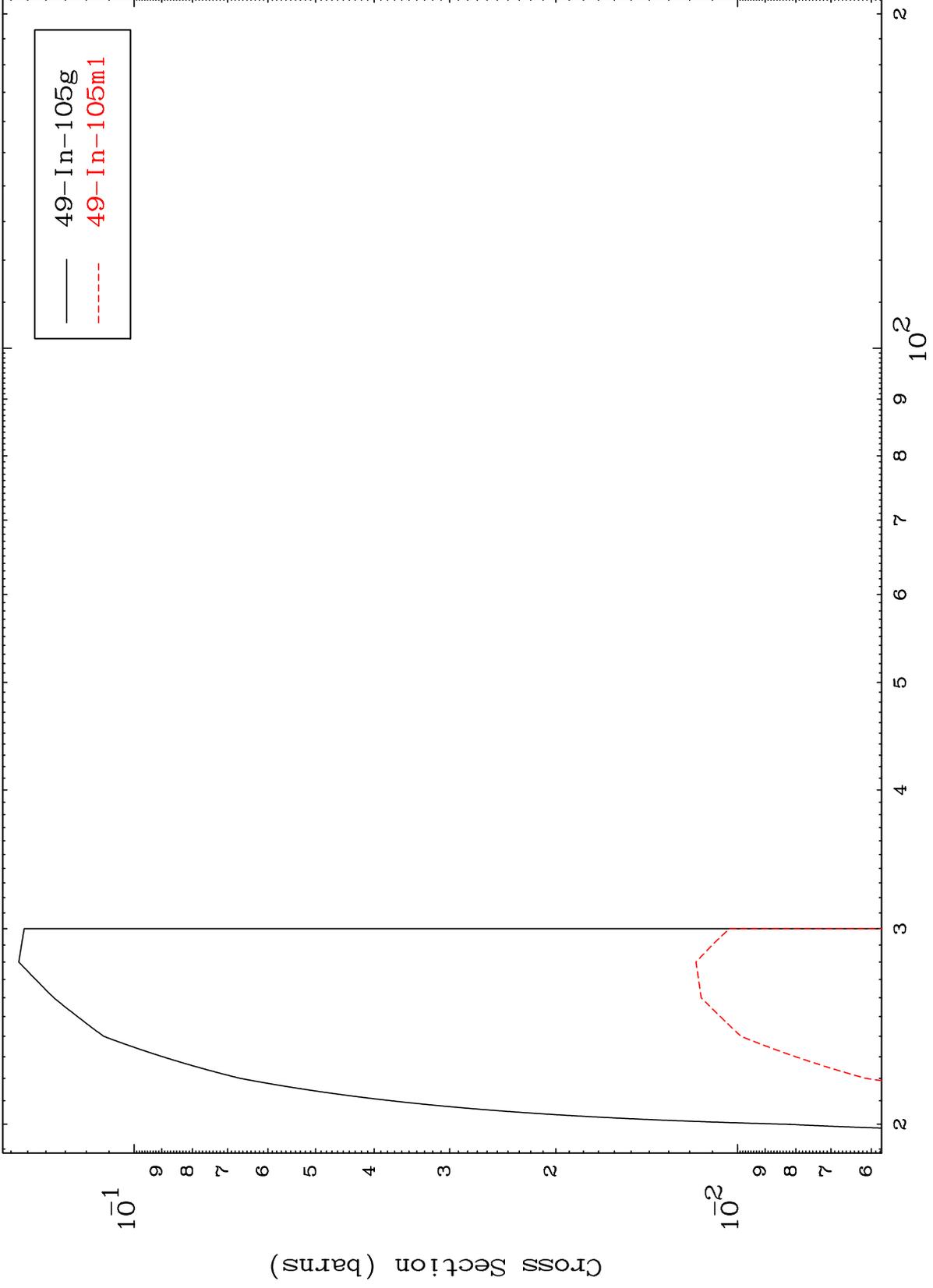
10<sup>1</sup>

10<sup>2</sup>

MAT 4714

47-Ag-103m

(n,2n)  
Radionuclide Production Cross Section



49-In-105g  
49-In-105m1

13

Incident Energy (MeV)

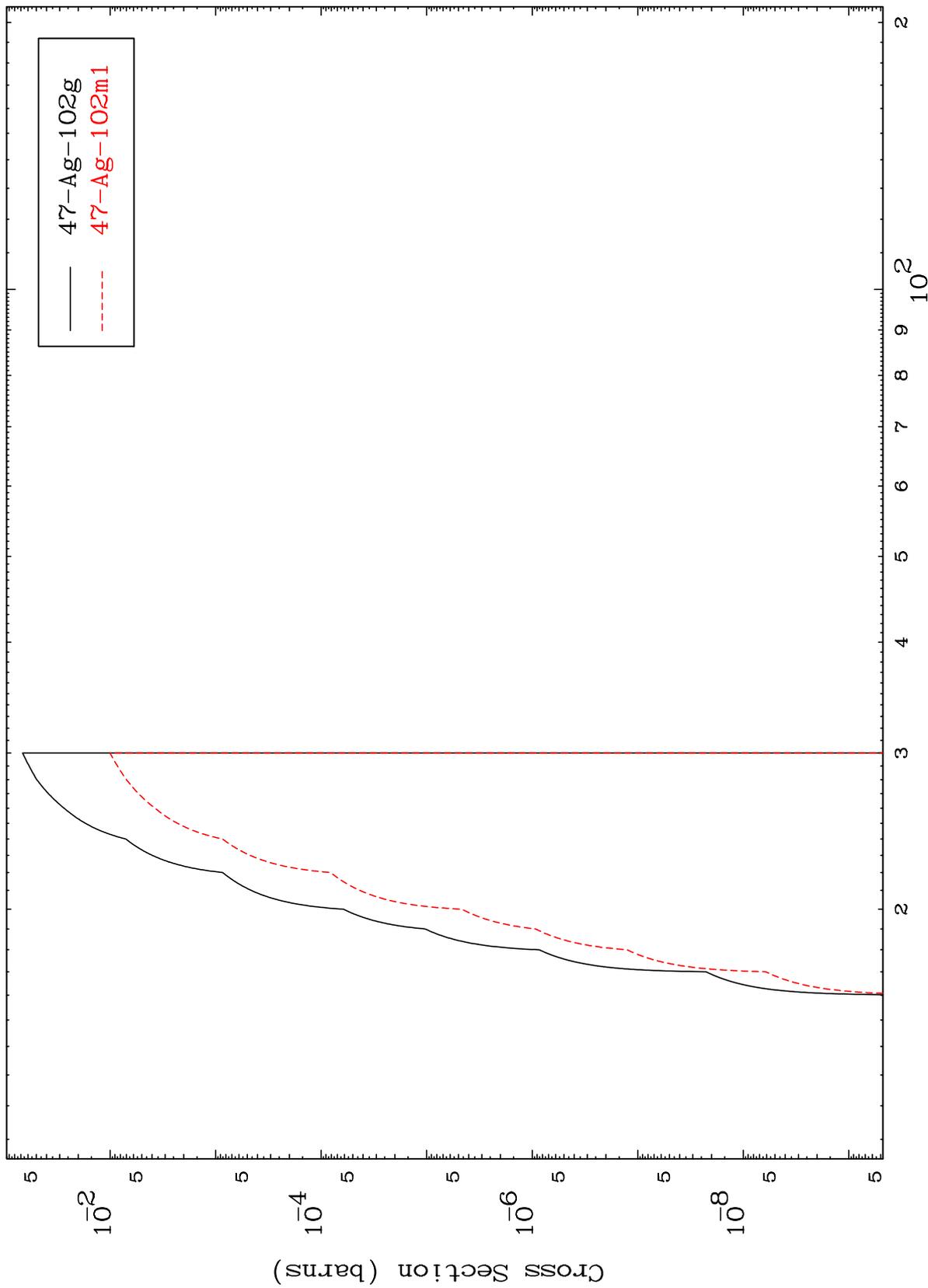
47-Ag-103m

MAT 4714

$(n, n') \alpha$

47-Ag-103m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

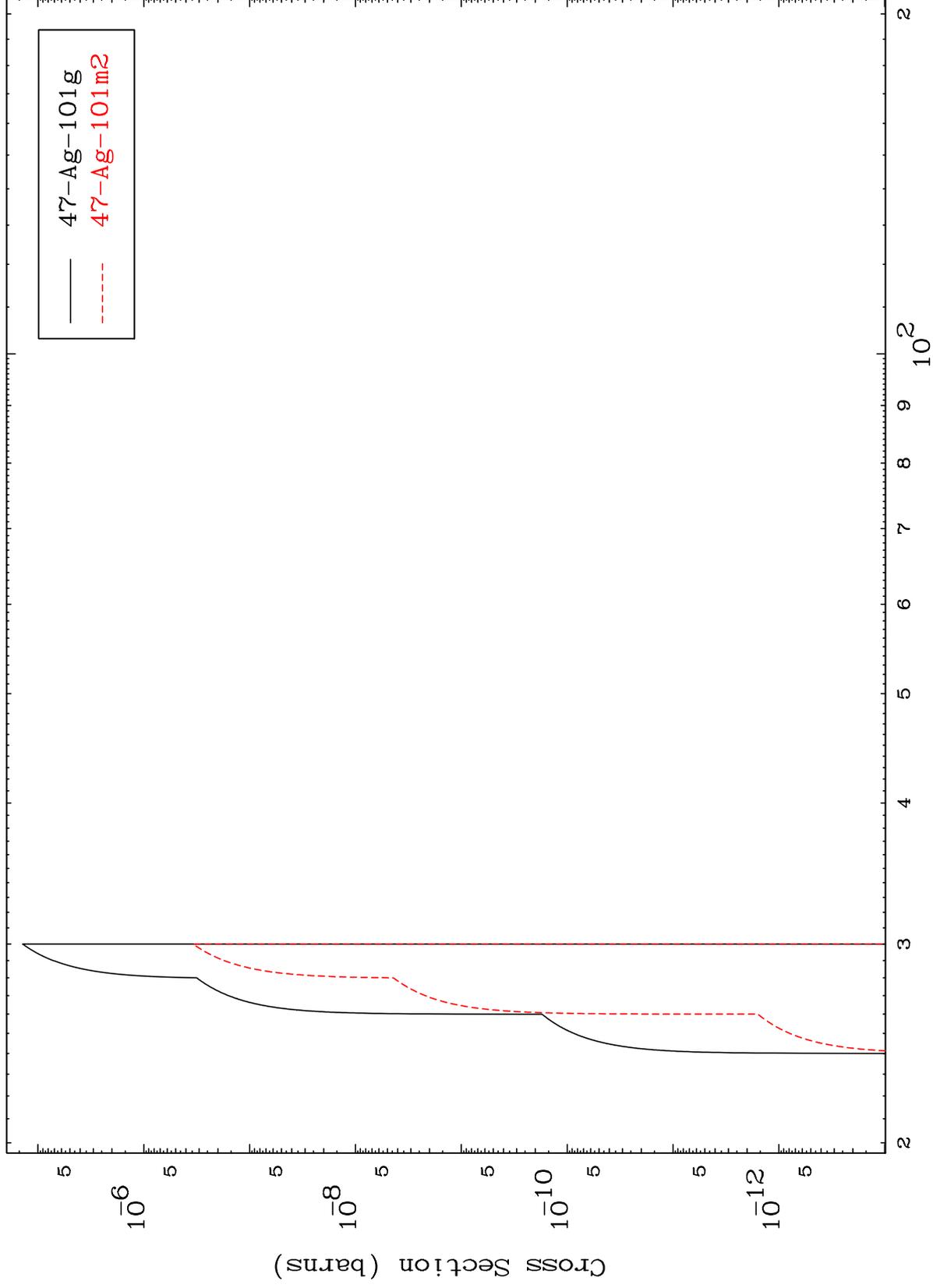
47-Ag-103m

MAT 4714

47-Ag-103m

(n,2n)  $\alpha$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

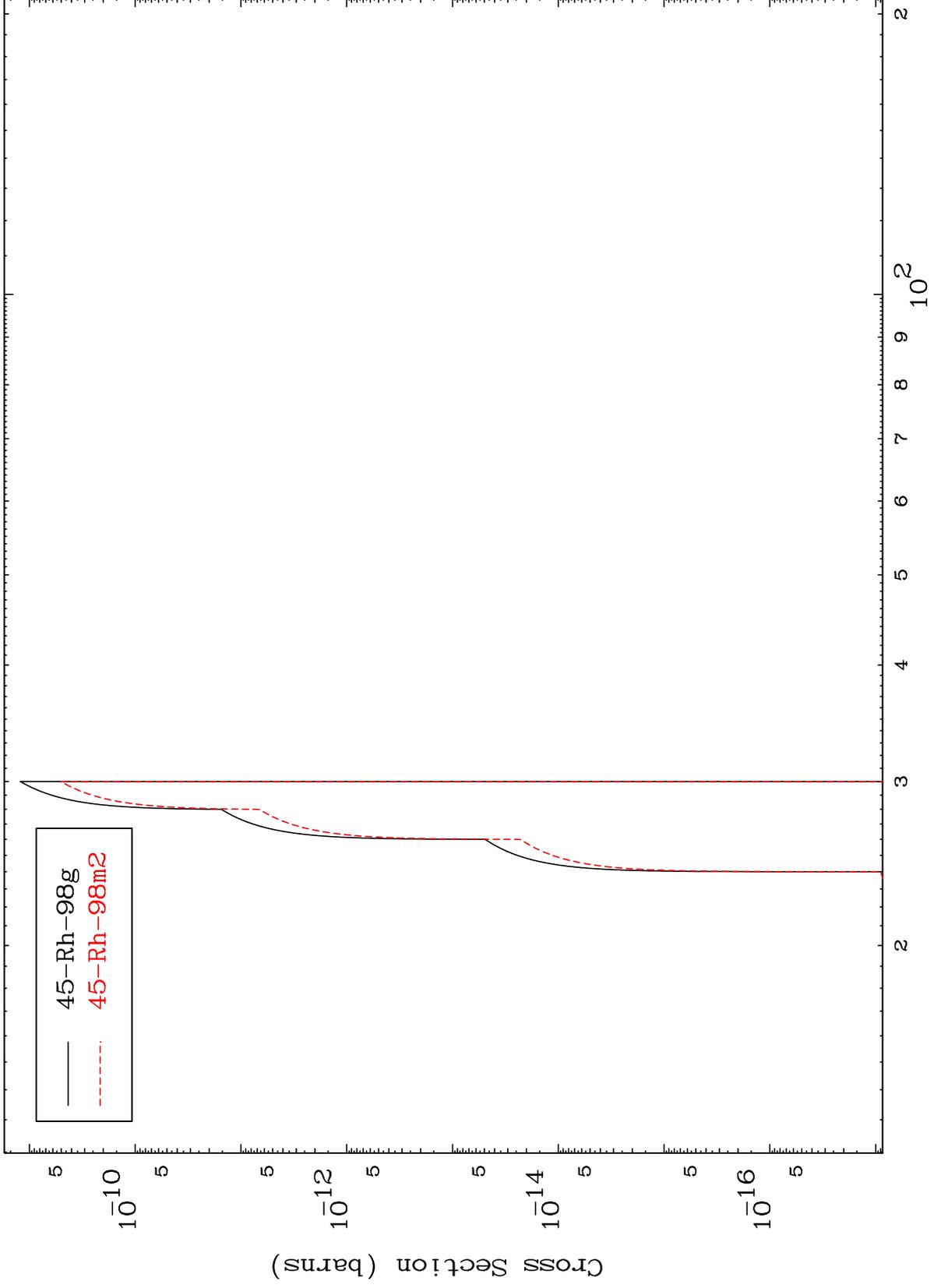
47-Ag-103m

MAT 4714

(n,n') 2 $\alpha$

47-Ag-103m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

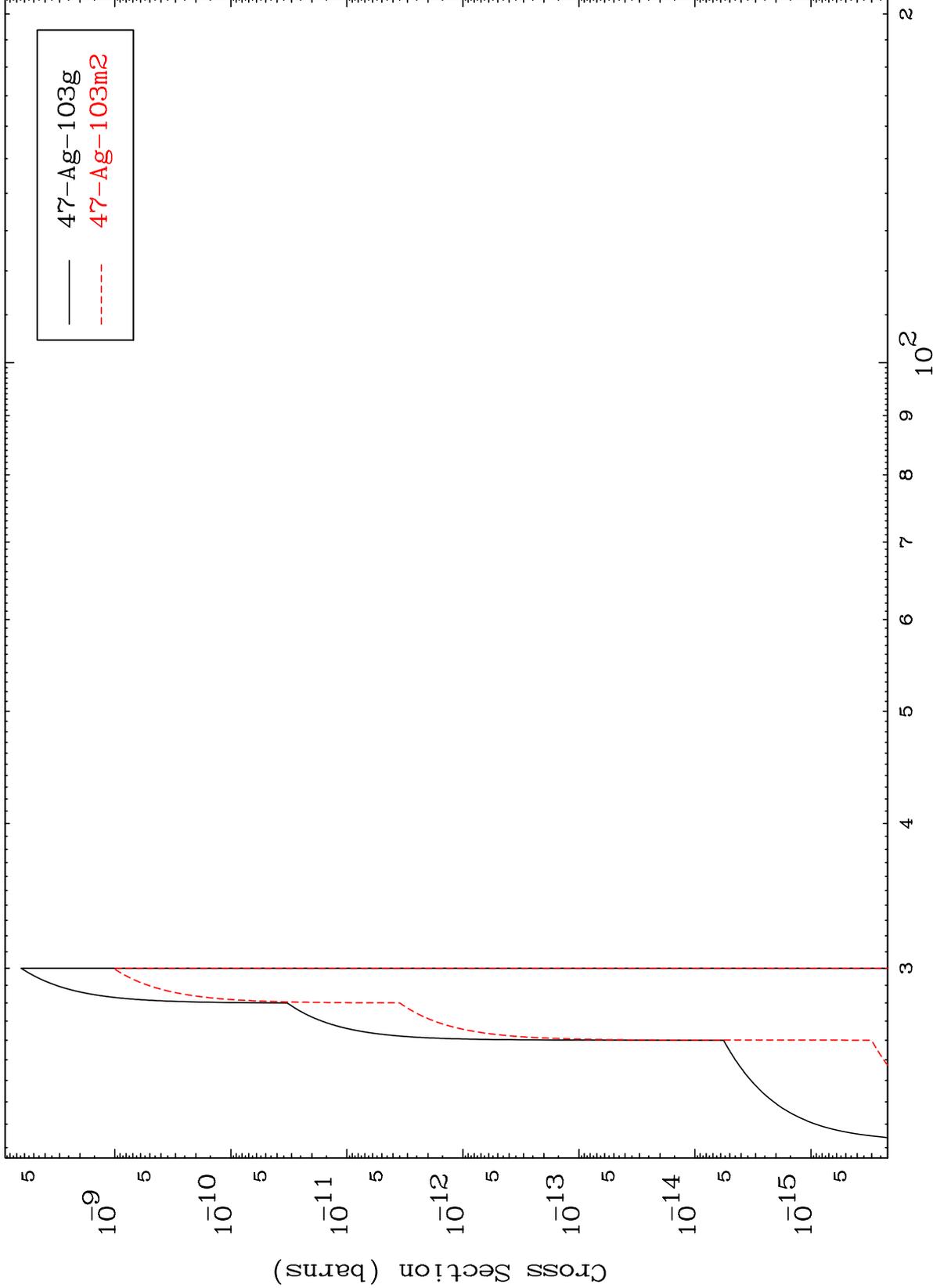
47-Ag-103m

MAT 4714

(n,n') He-3

47-Ag-103m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

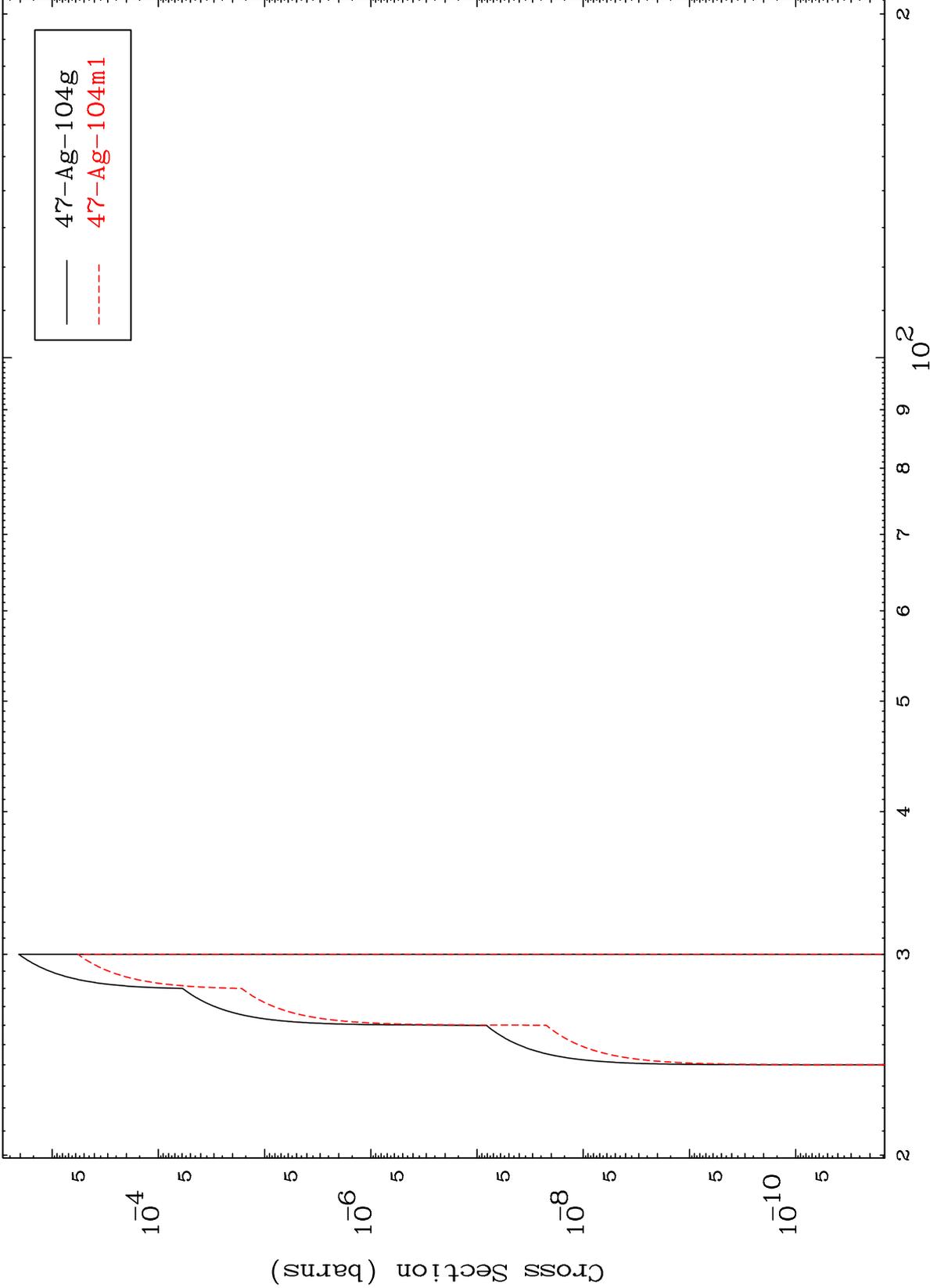
47-Ag-103m

MAT 4714

(n,2n) p

47-Ag-103m

Radionuclide Production Cross Section



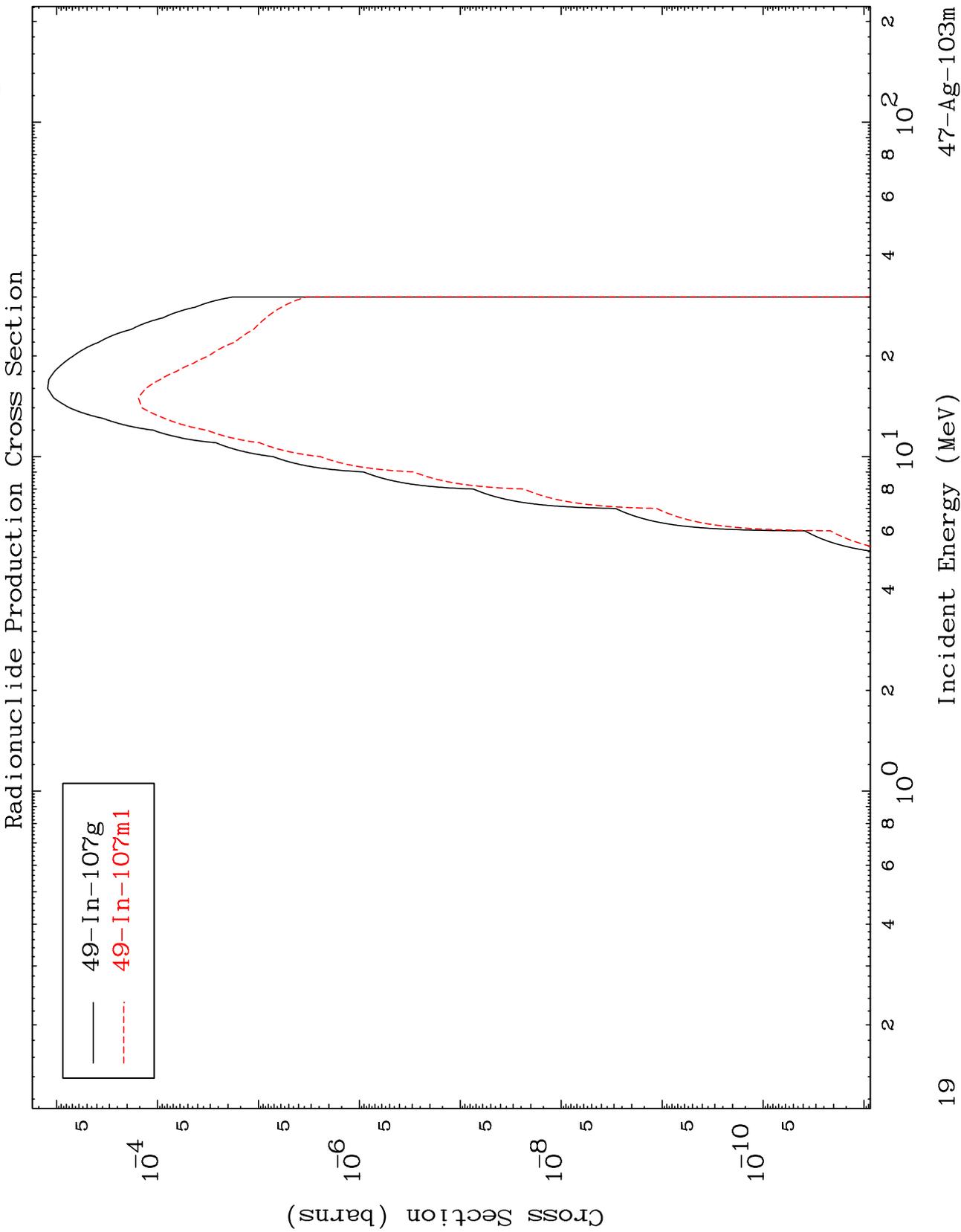
18

Incident Energy (MeV)

47-Ag-103m

MAT 4714

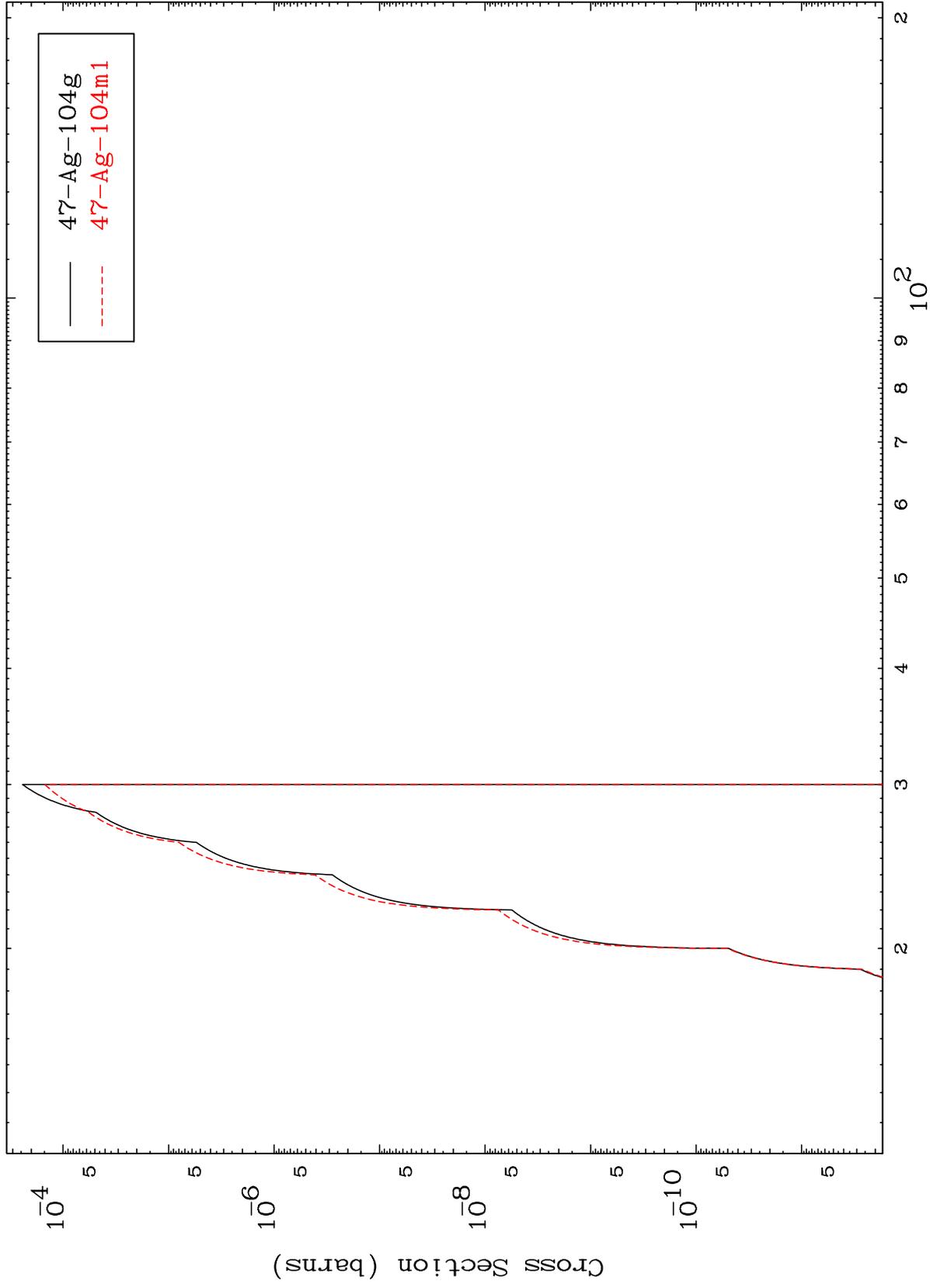
47-Ag-103m



MAT 4714

47-Ag-103m

(n,He-3)  
Radionuclide Production Cross Section



20

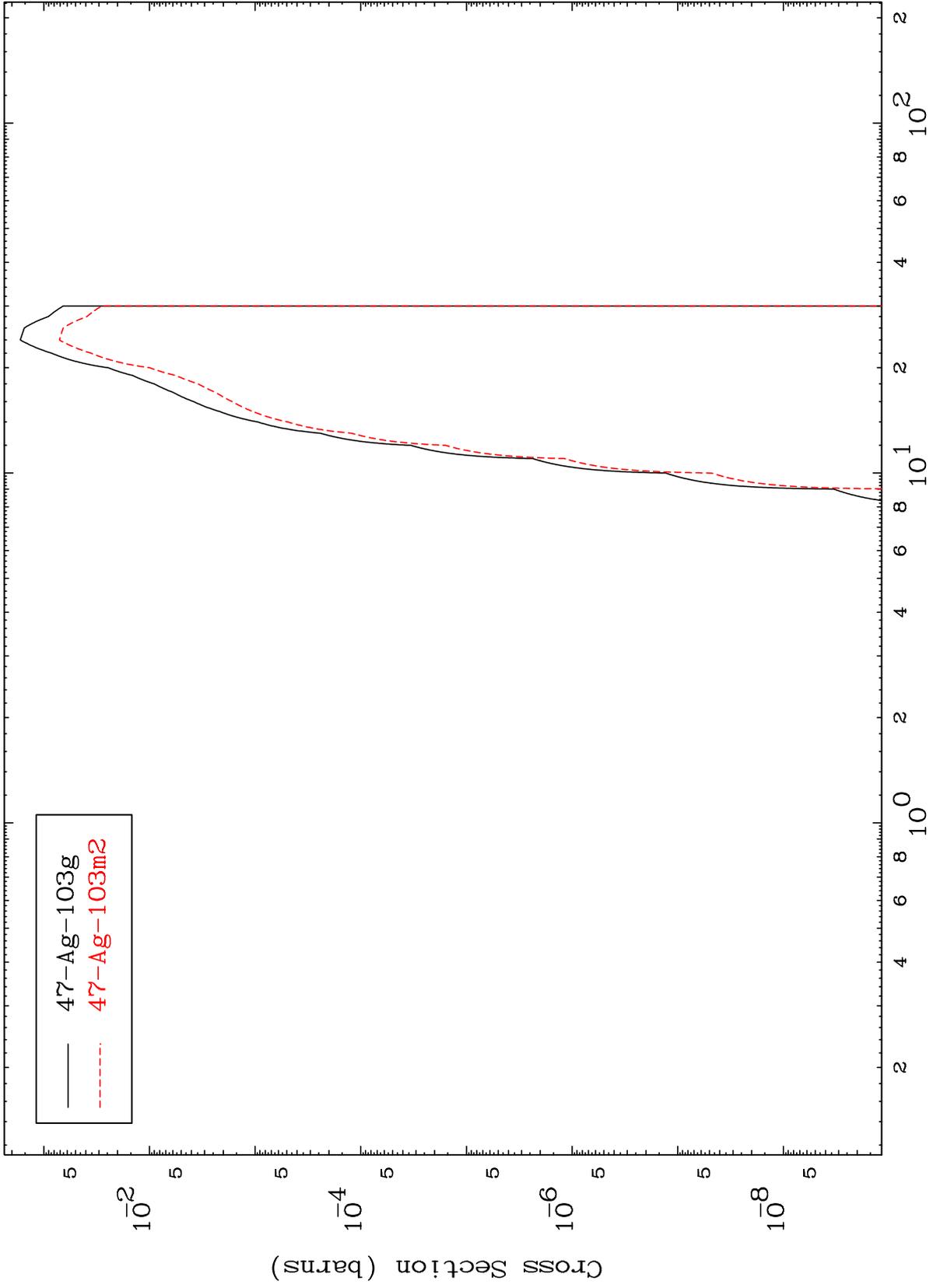
Incident Energy (MeV)

47-Ag-103m

MAT 4714

47-Ag-103m

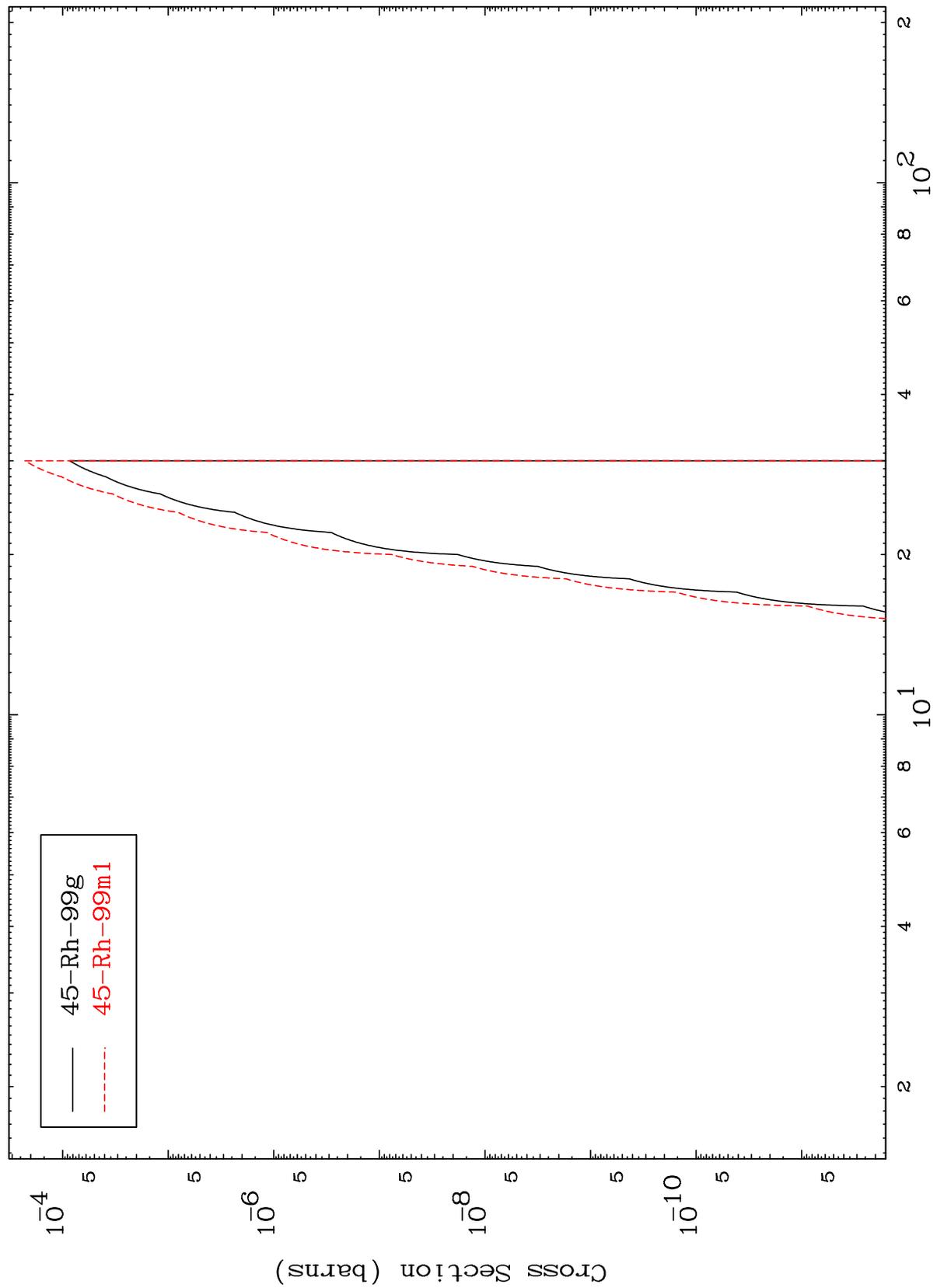
Radionuclide Production Cross Section



MAT 4714

47-Ag-103m

Radionuclide Production Cross Section



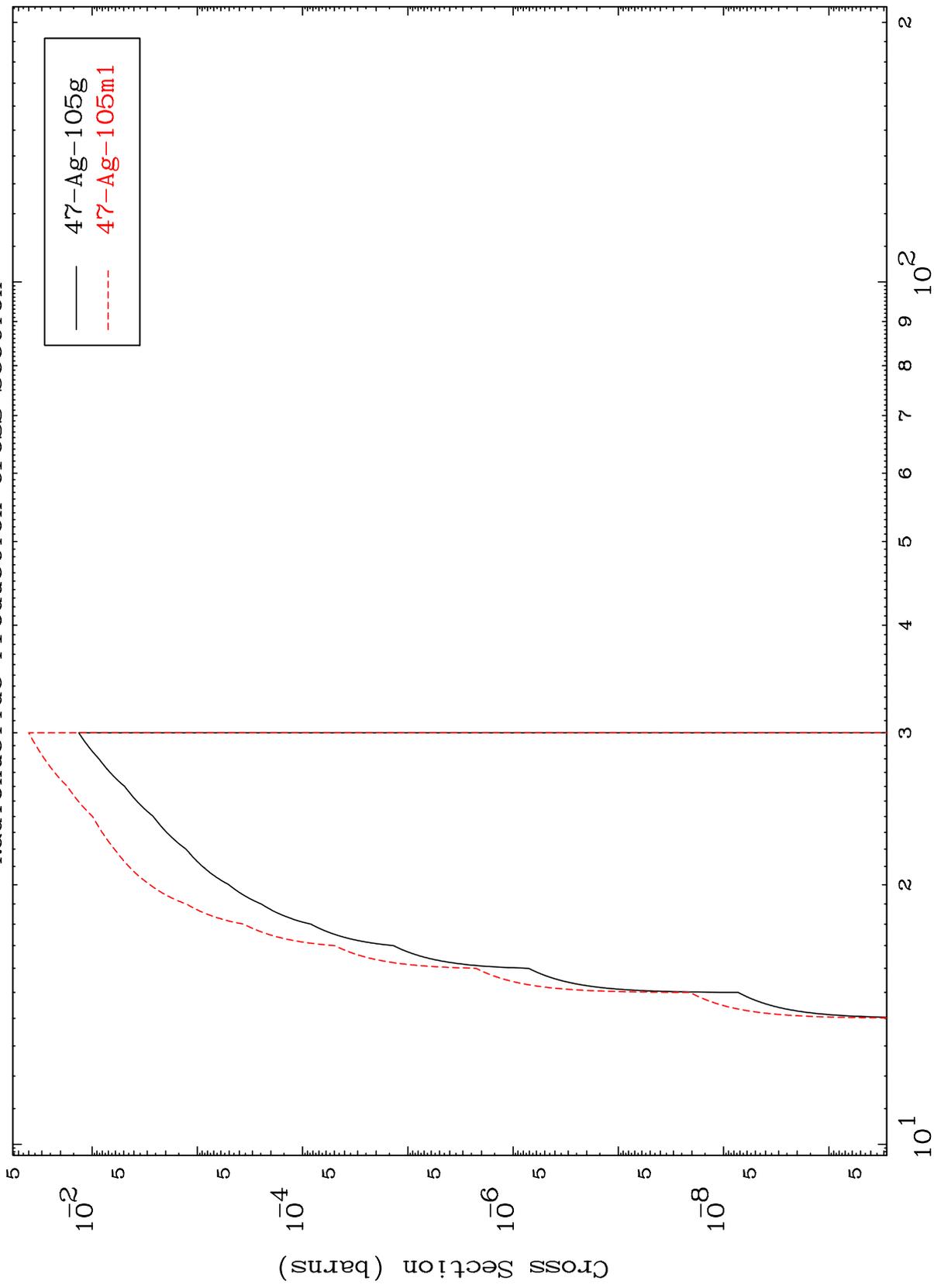
Incident Energy (MeV)

47-Ag-103m

MAT 4714

47-Ag-103m

(n,2p)  
Radionuclide Production Cross Section



47-Ag-103m

Incident Energy (MeV)

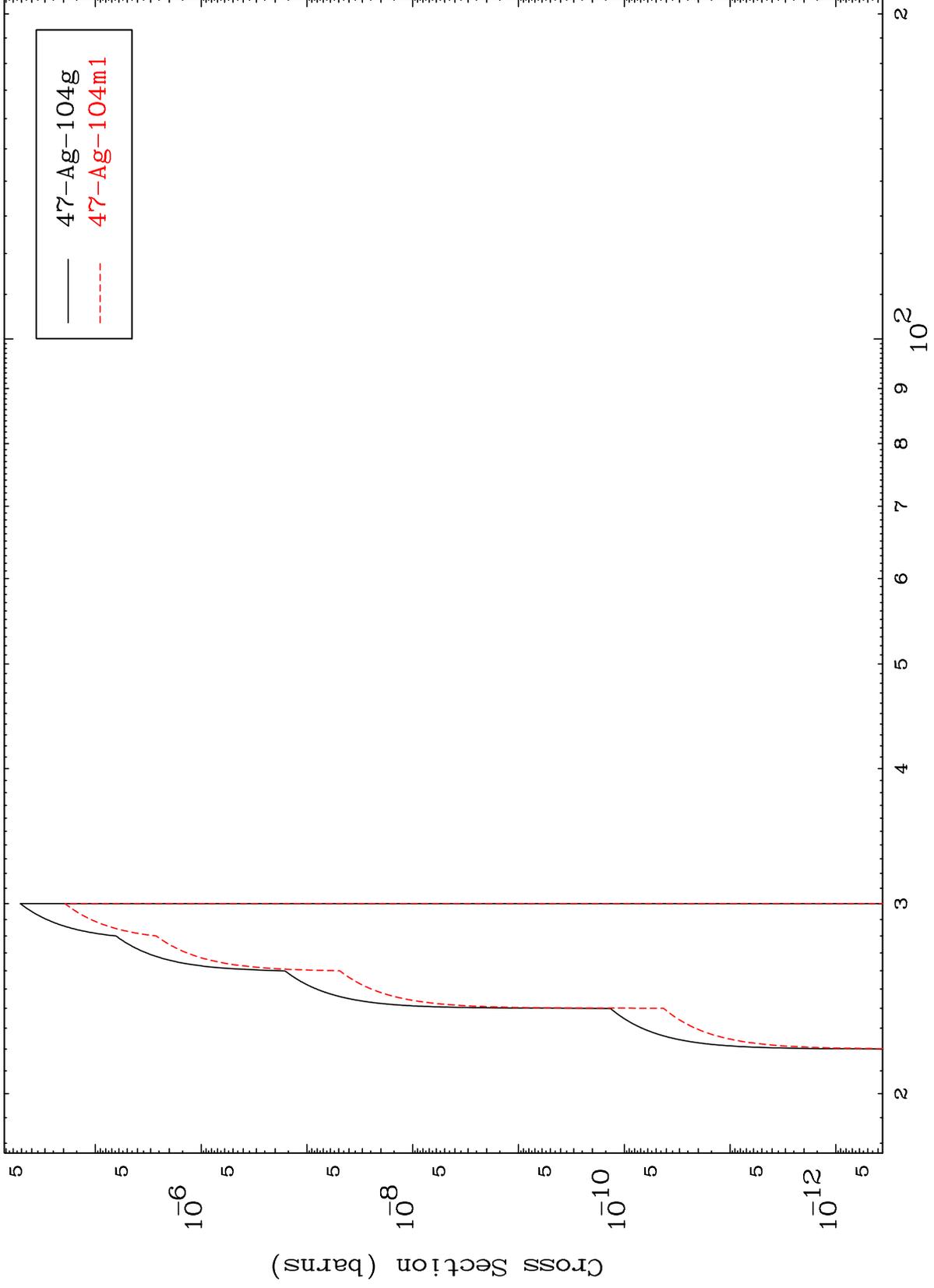
23

MAT 4714

(n,p) d

47-Ag-103m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

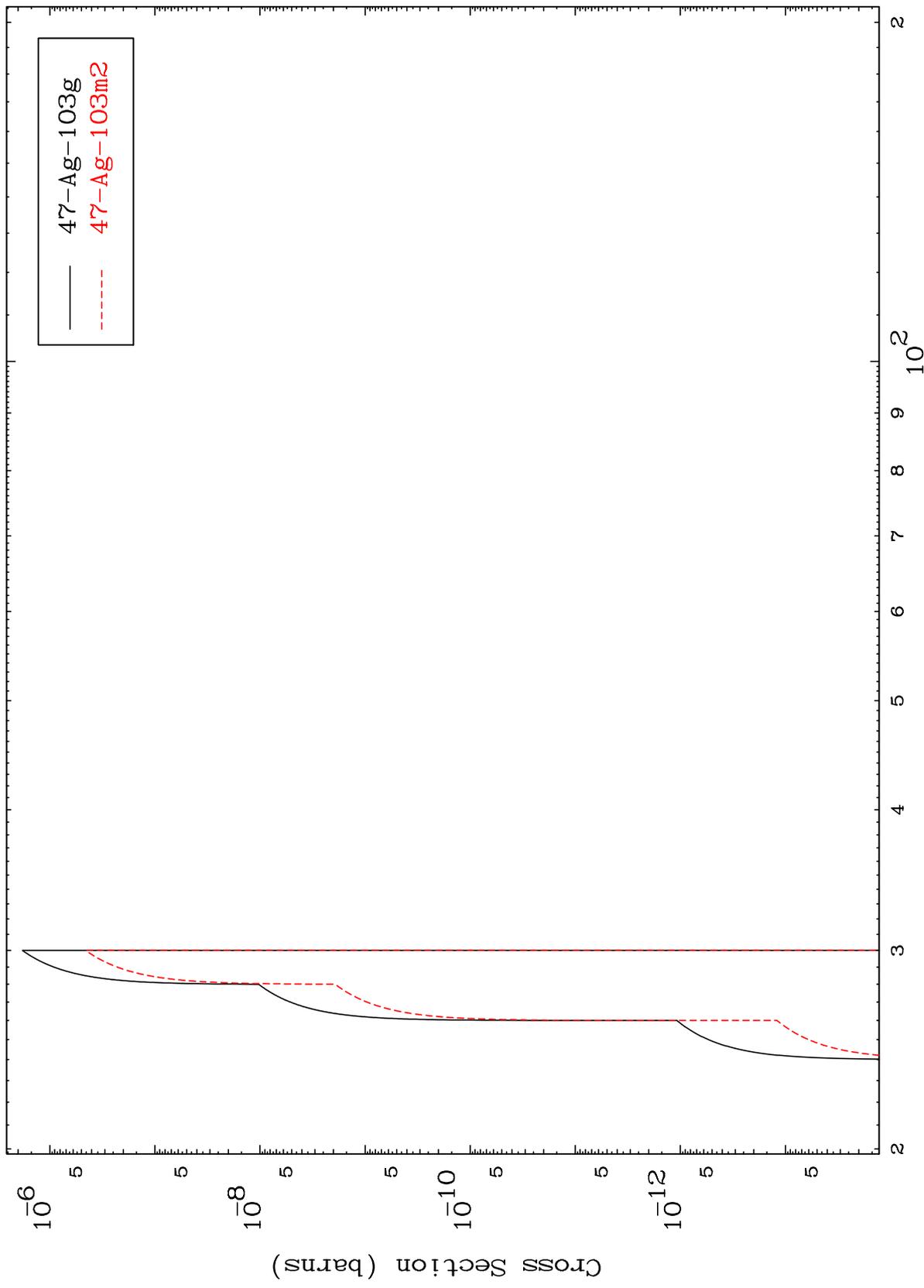
47-Ag-103m

MAT 4714

(n,p) t

47-Ag-103m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

47-Ag-103m