

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

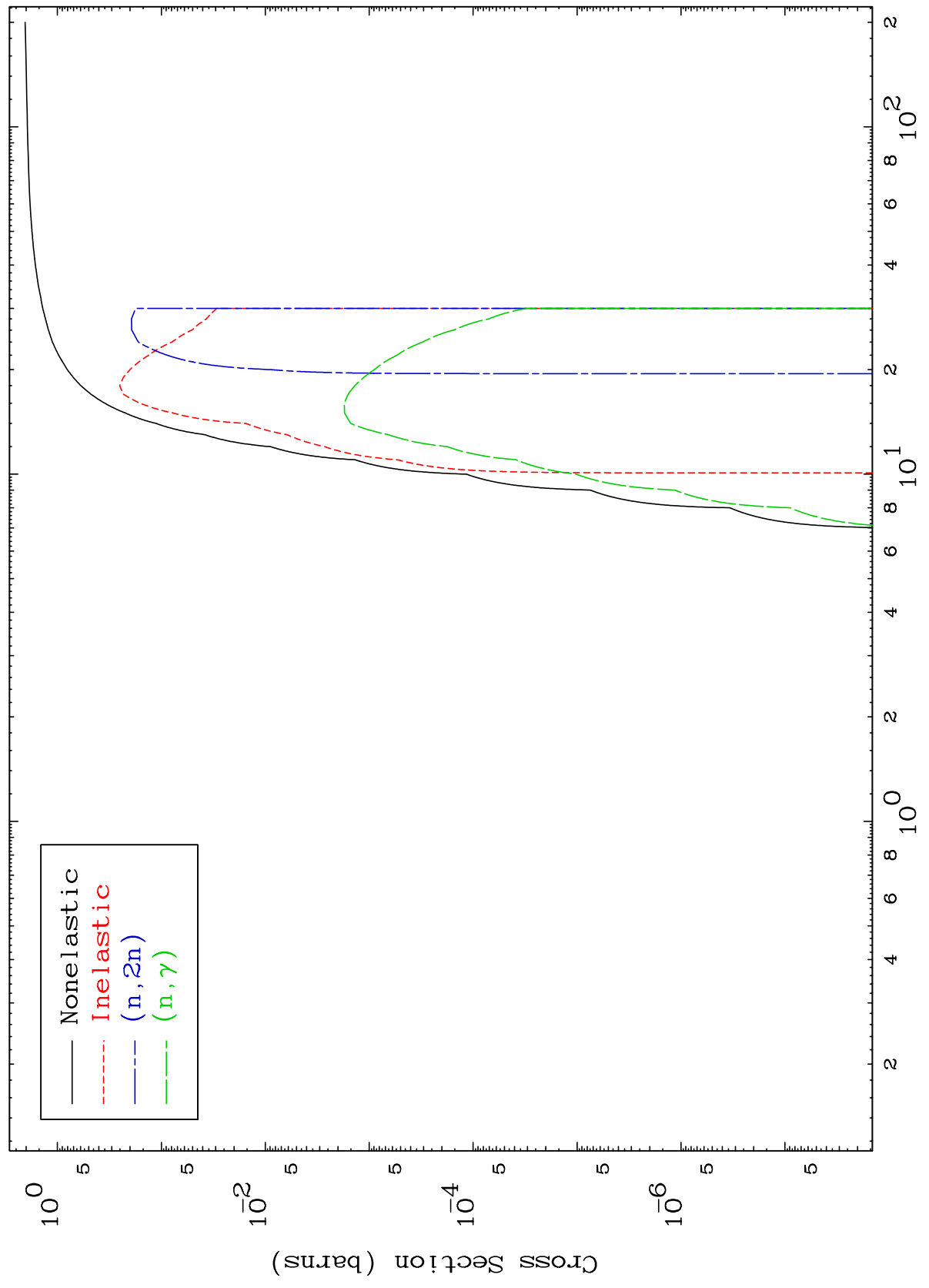
Press Mouse Button to Start

MAT 4714

0 Kelvin

$\alpha$  Major

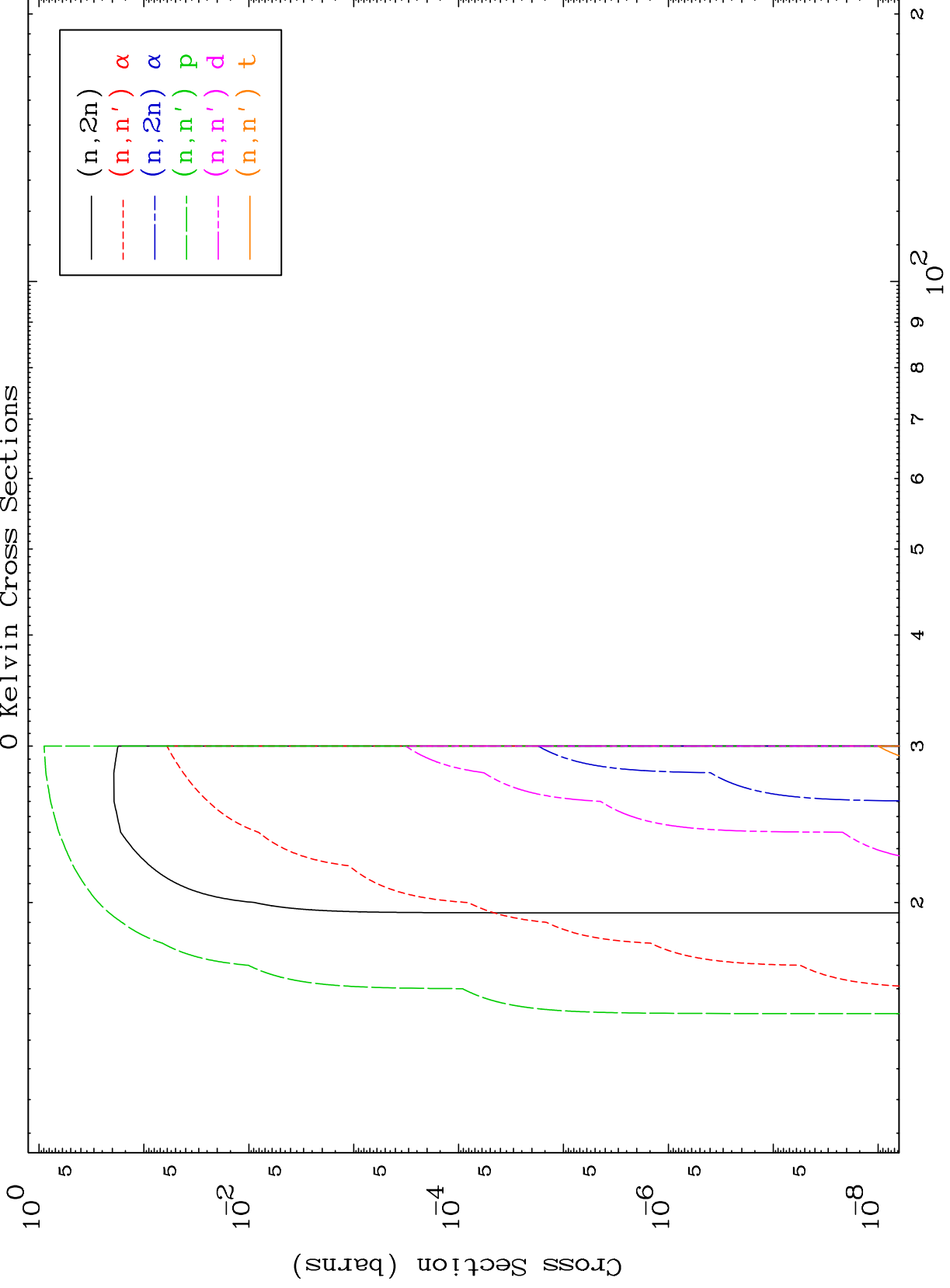
47-Ag-103m



MAT 4714

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

47-Ag-103m



2

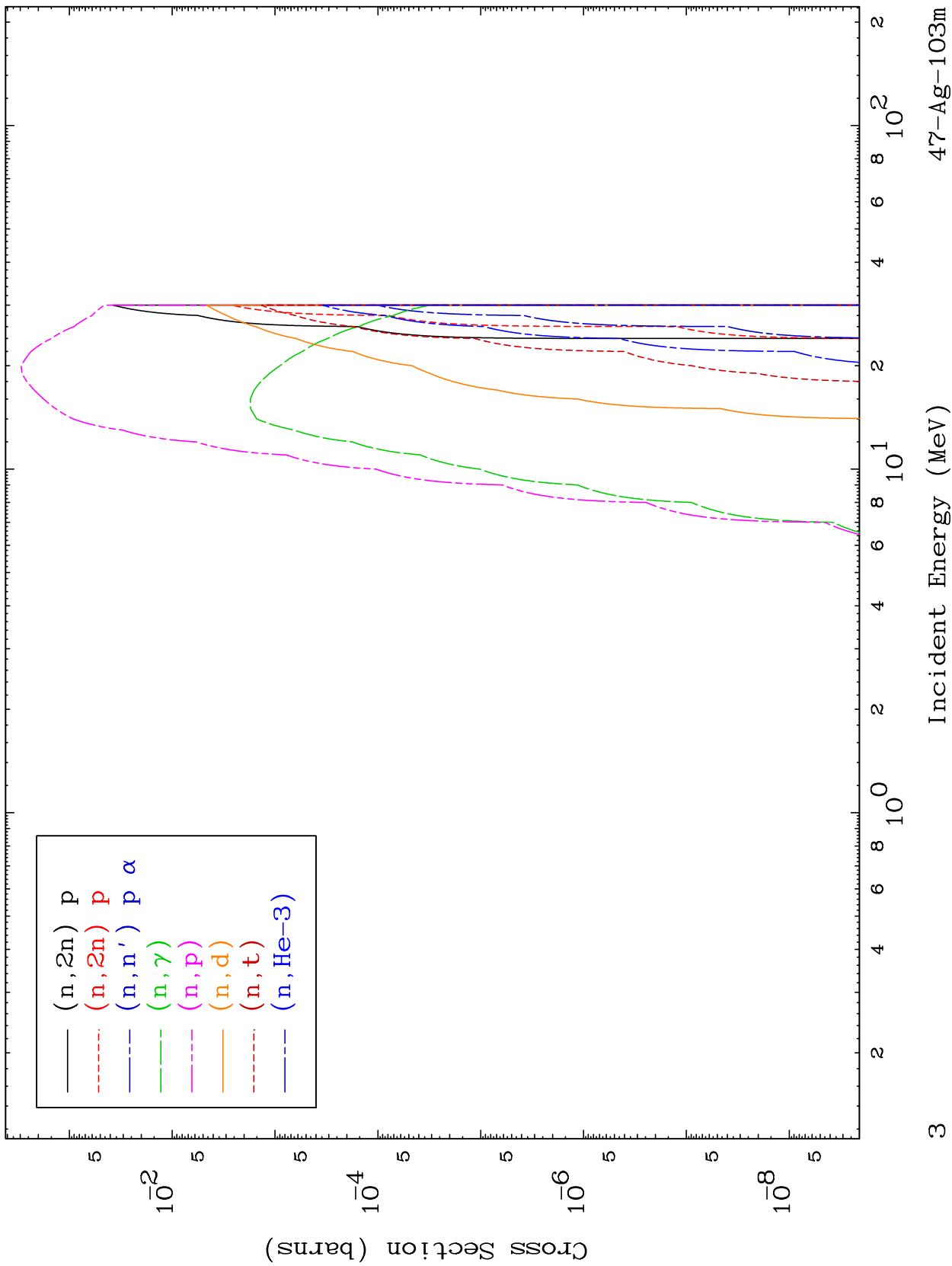
Incident Energy (MeV)

47-Ag-103m

MAT 4714

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

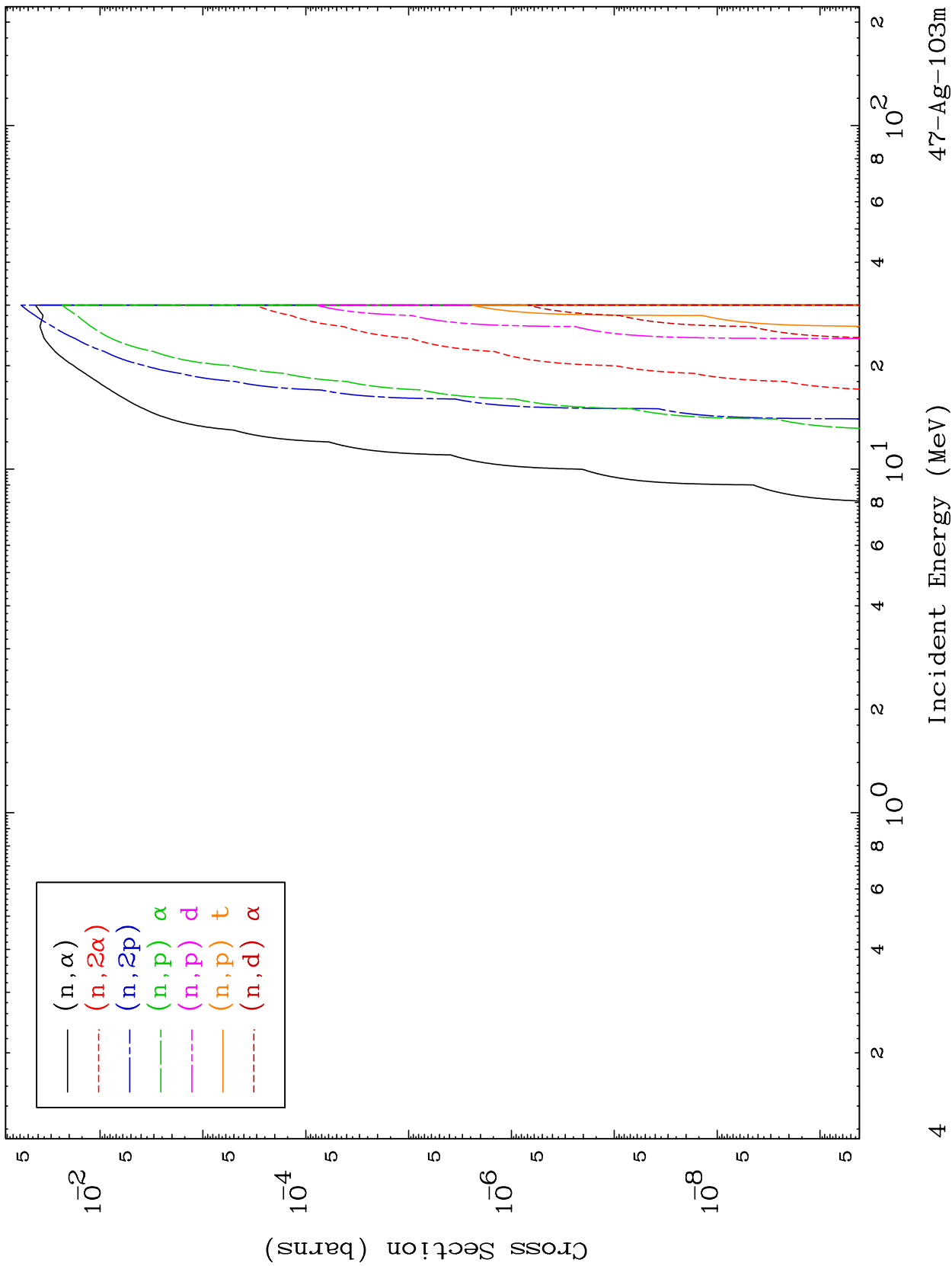
47-Ag-103m

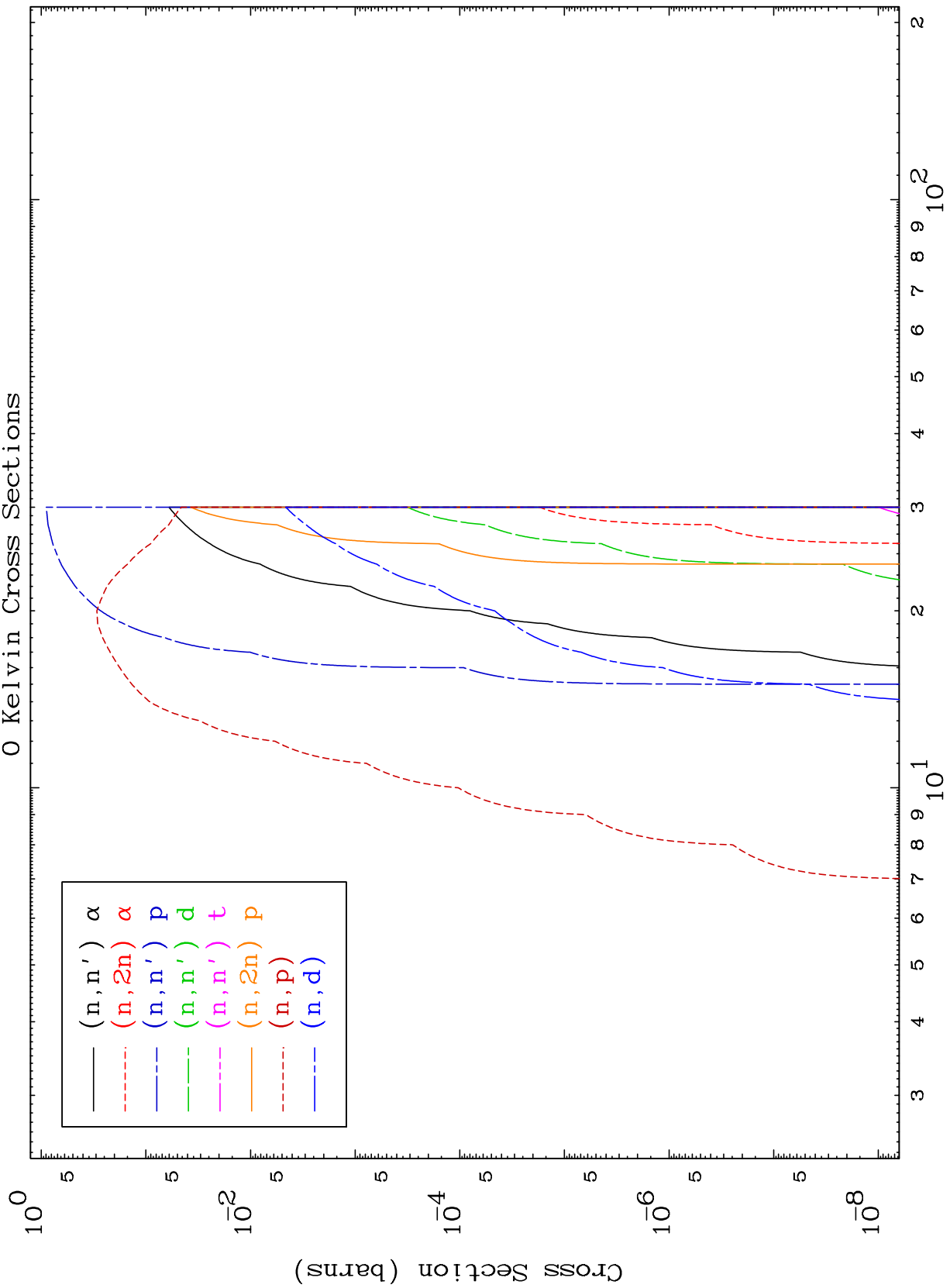


MAT 4714

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

47-Ag-103m

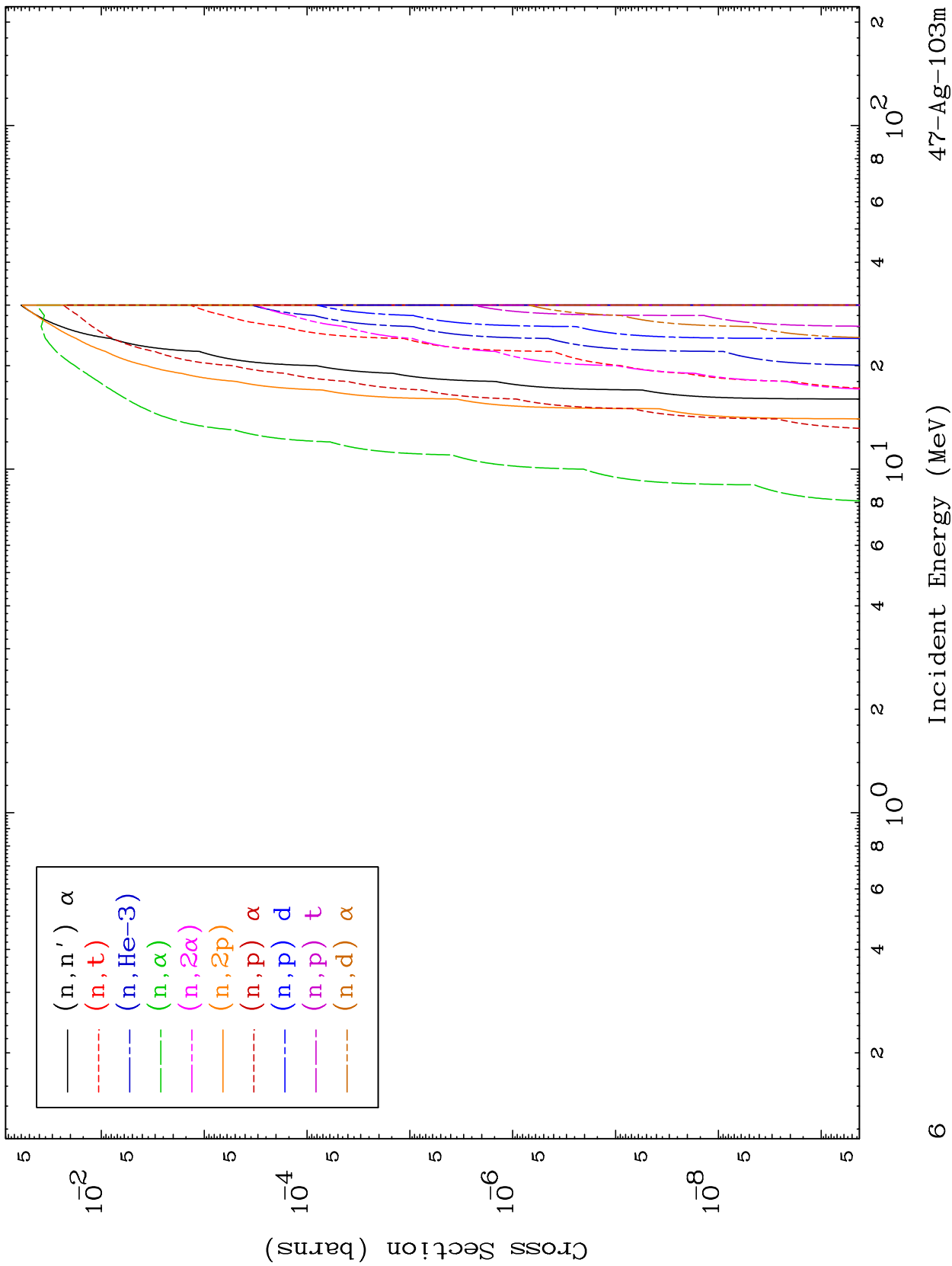




MAT 4714

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

47-Ag-103m



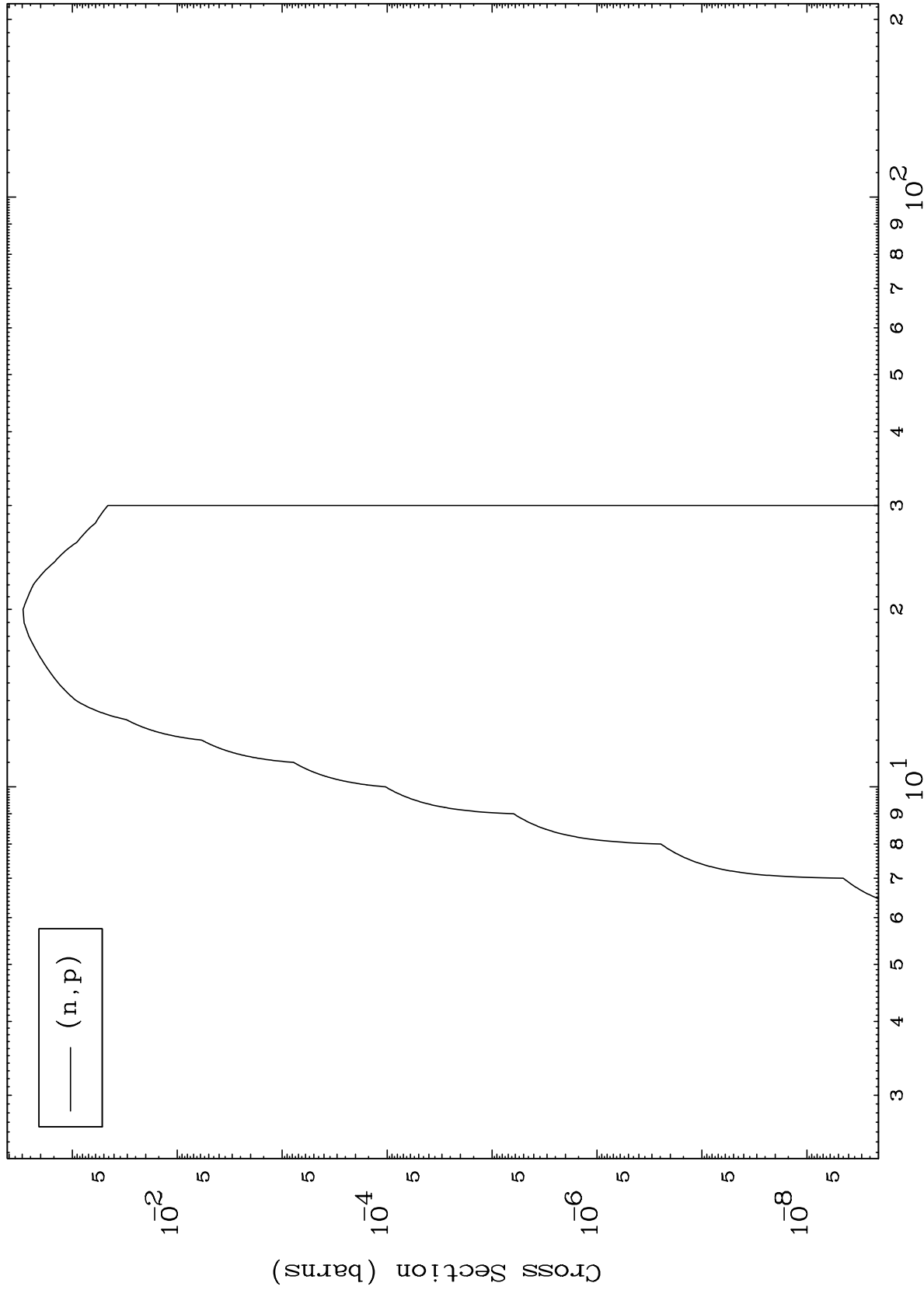
6

MAT 4714

( $\alpha, p$ ) Levels

47-Ag-103m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

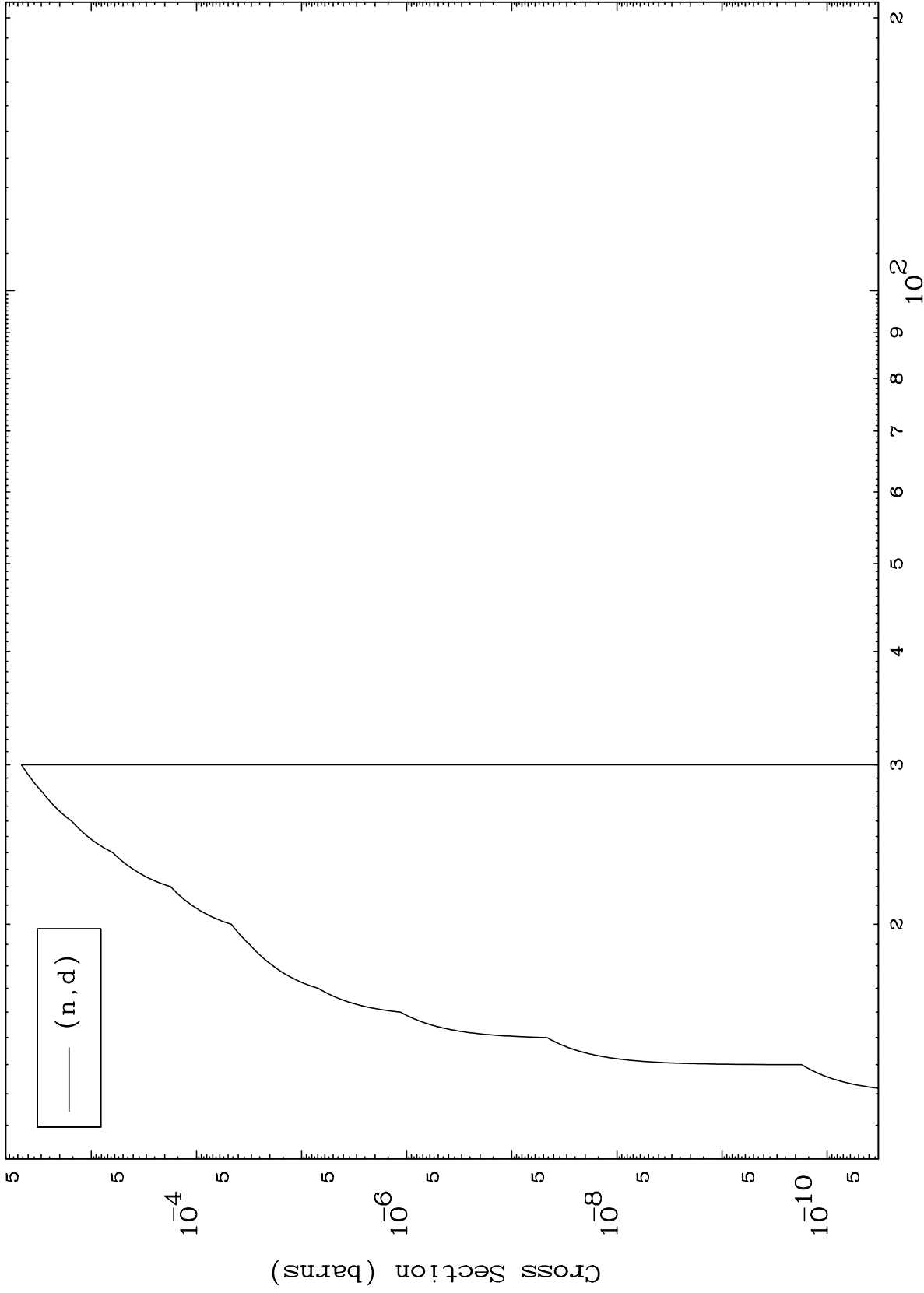
47-Ag-103m

MAT 4714

( $\alpha, d$ ) Levels

47-Ag-103m

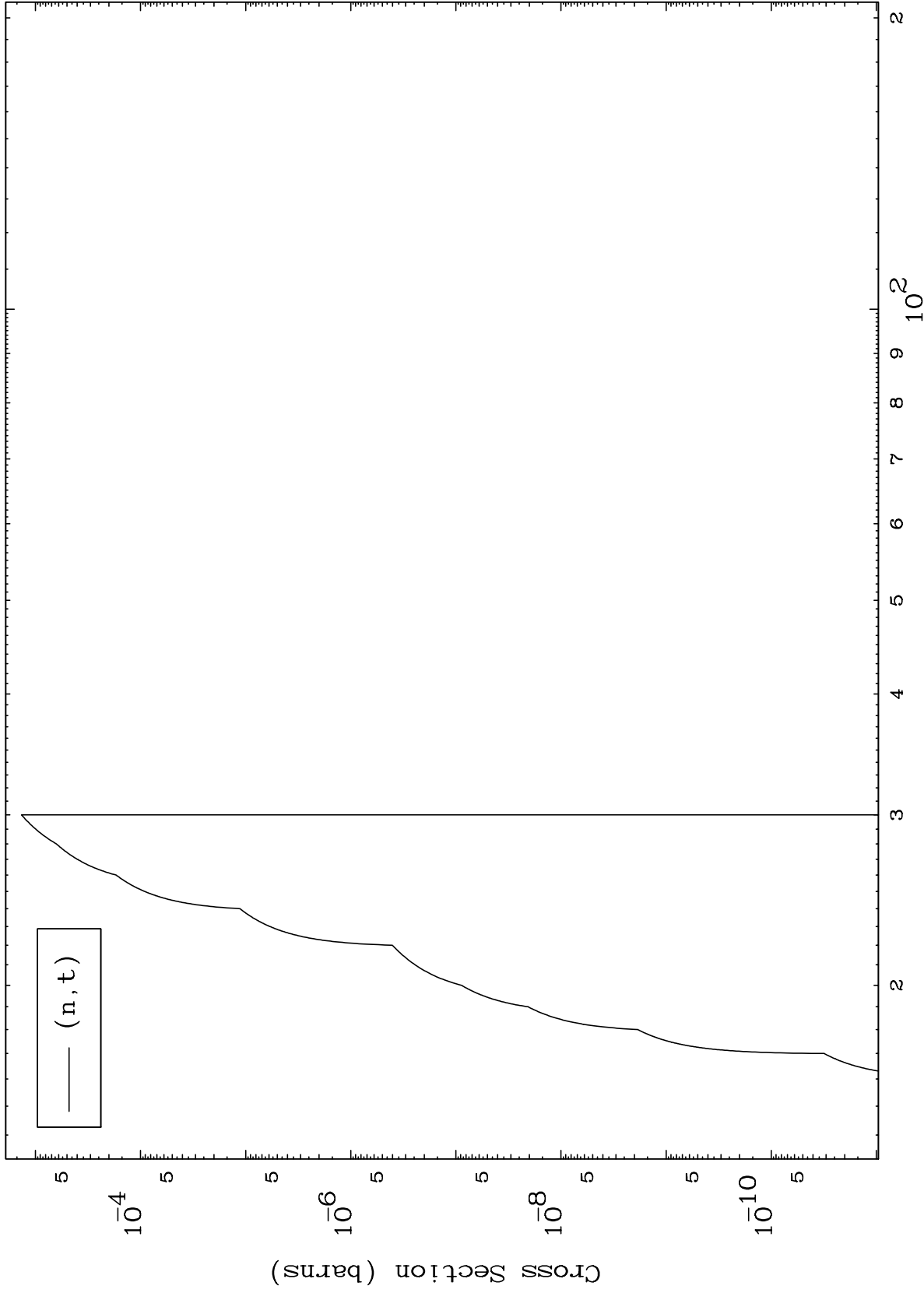
0 Kelvin Cross Sections



8

Incident Energy (MeV)

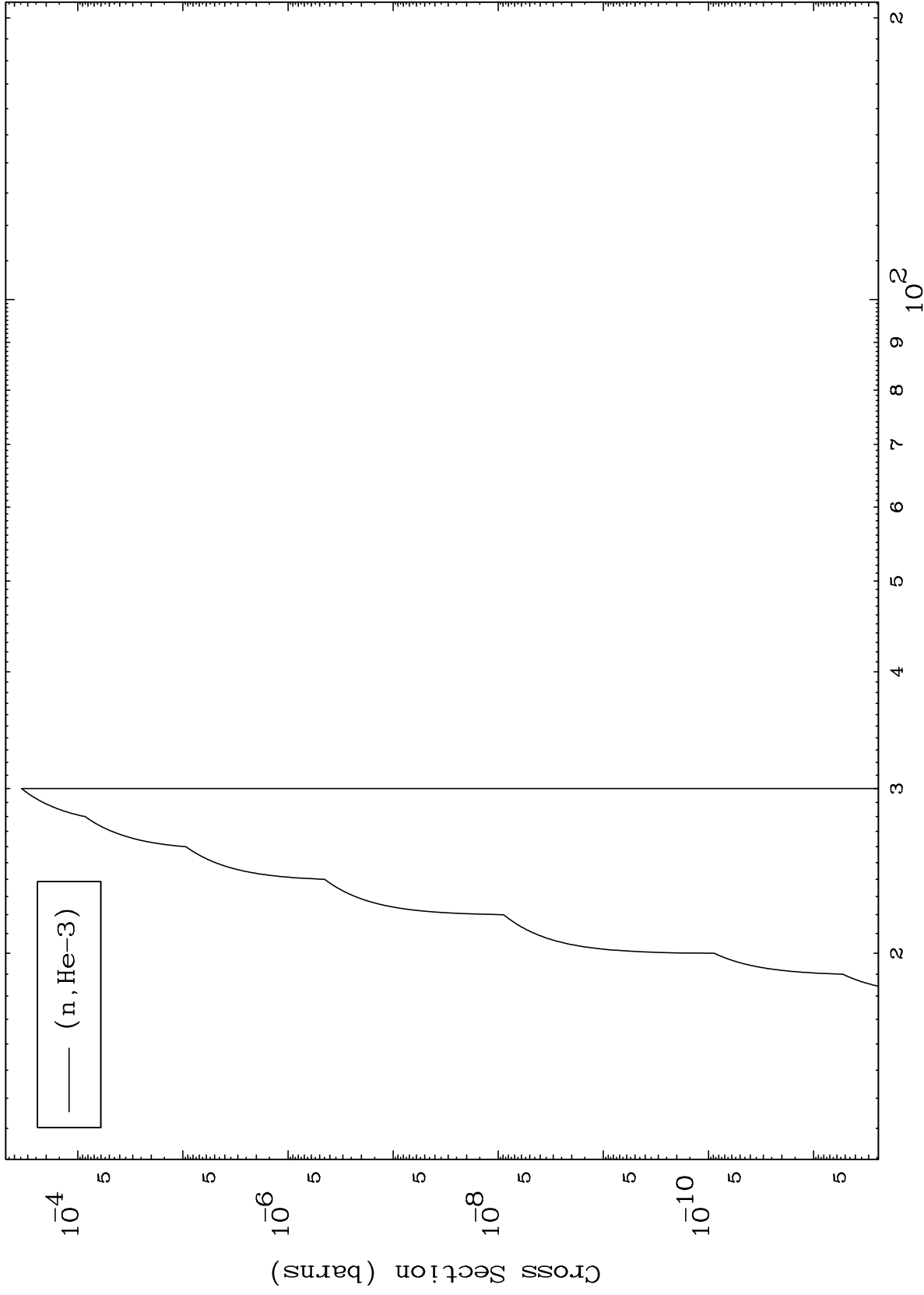
47-Ag-103m



MAT 4714

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

47-Ag-103m



10

Incident Energy (MeV)

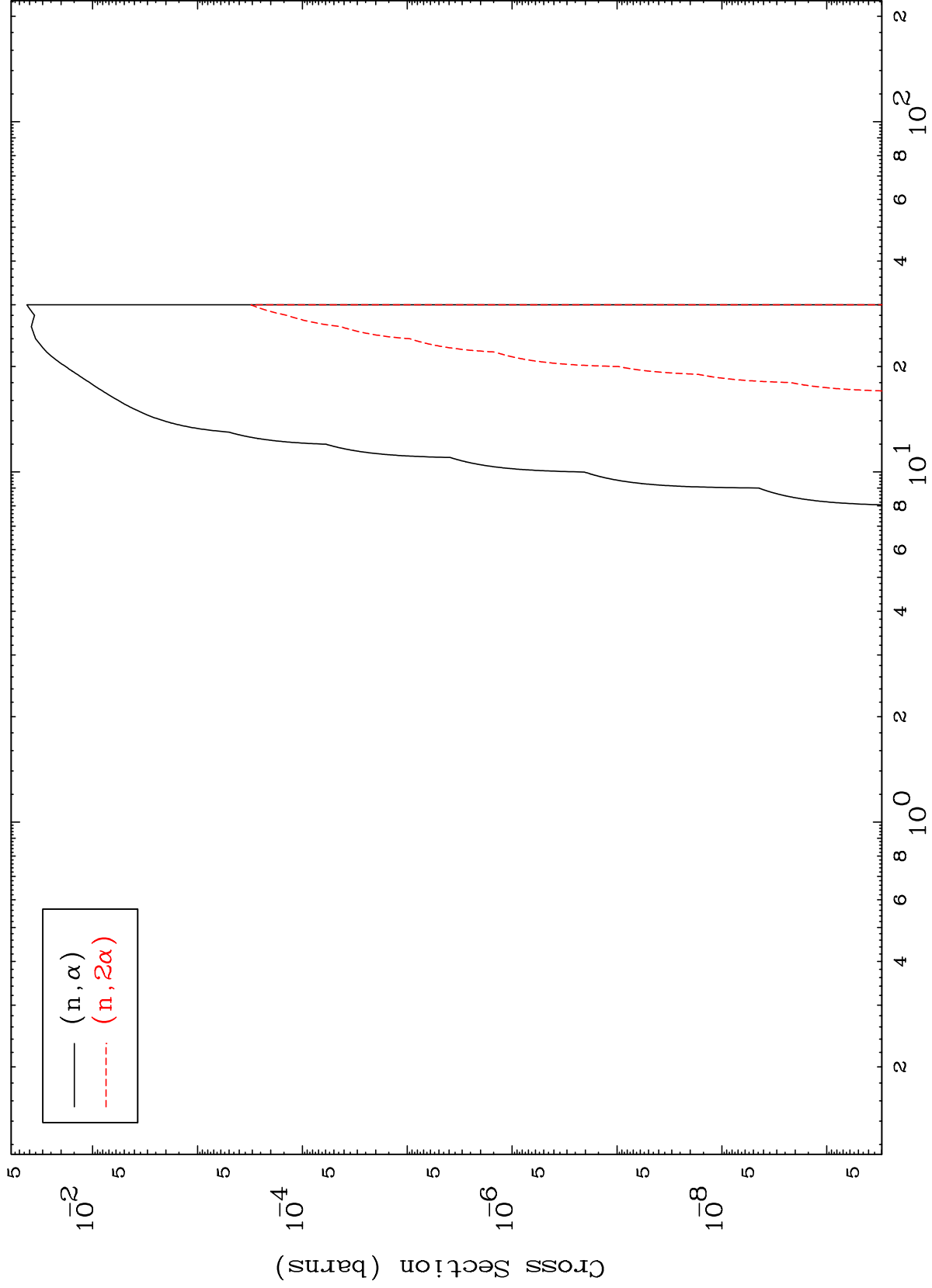
47-Ag-103m

MAT 4714

( $\alpha, \alpha$ ) Levels

47-Ag-103m

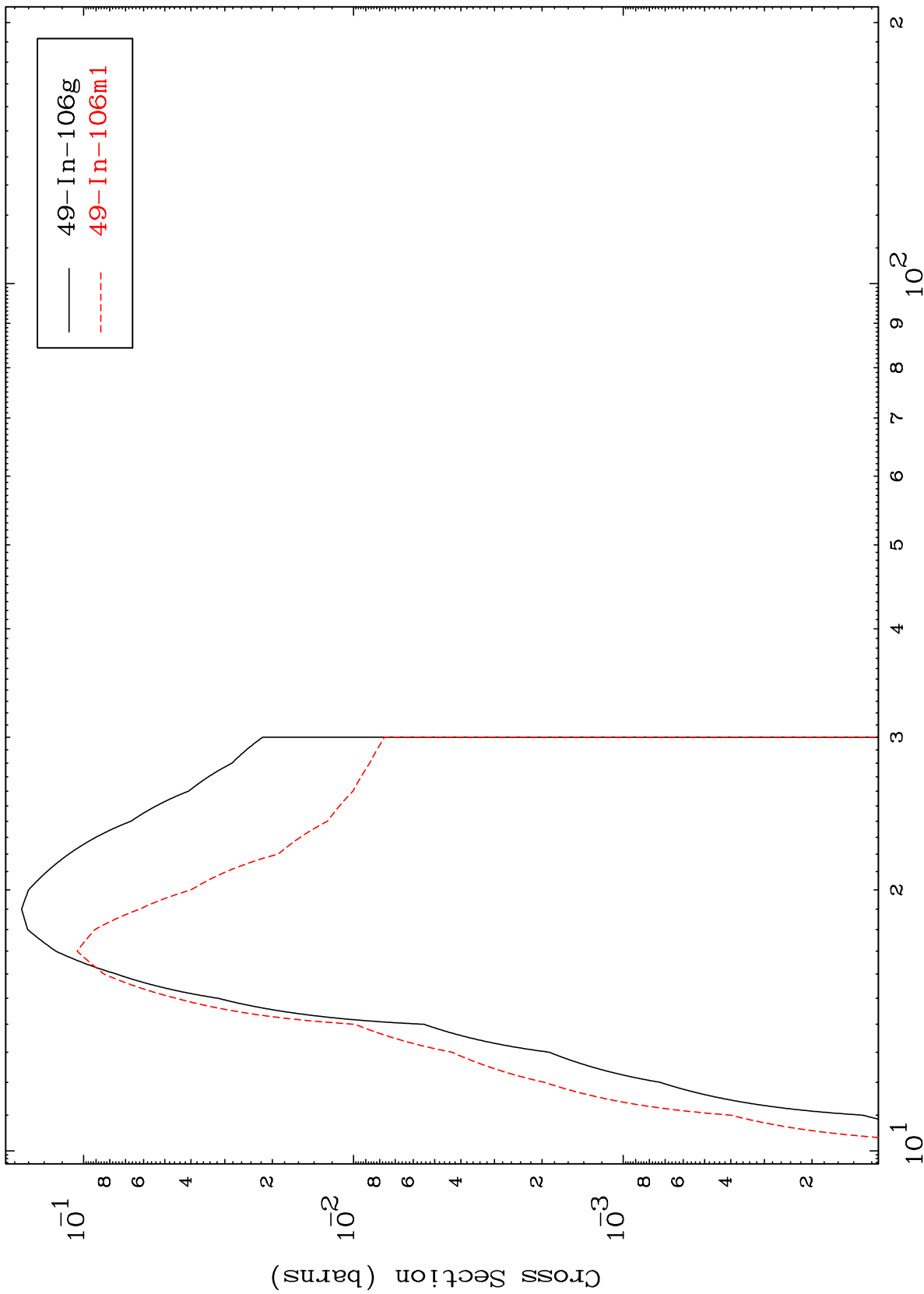
0 Kelvin Cross Sections



MAT 4714

47-Ag-103m

Inelastic  
Radionuclide Production Cross Section



— 49-In-106g  
- - - 49-In-106m1

47-Ag-103m

Incident Energy (MeV)

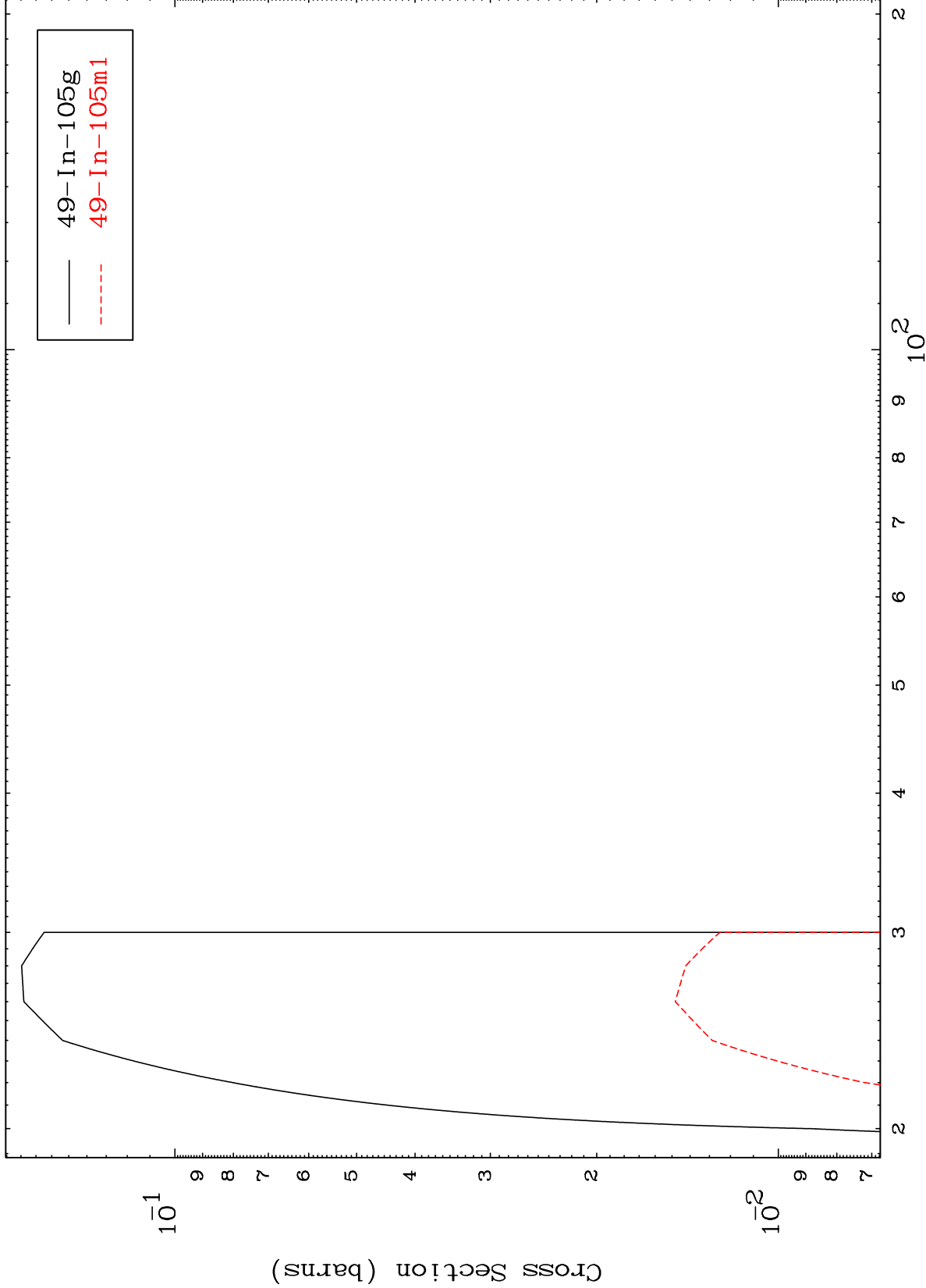
12

MAT 4714

(n,2n)

47-Ag-103m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

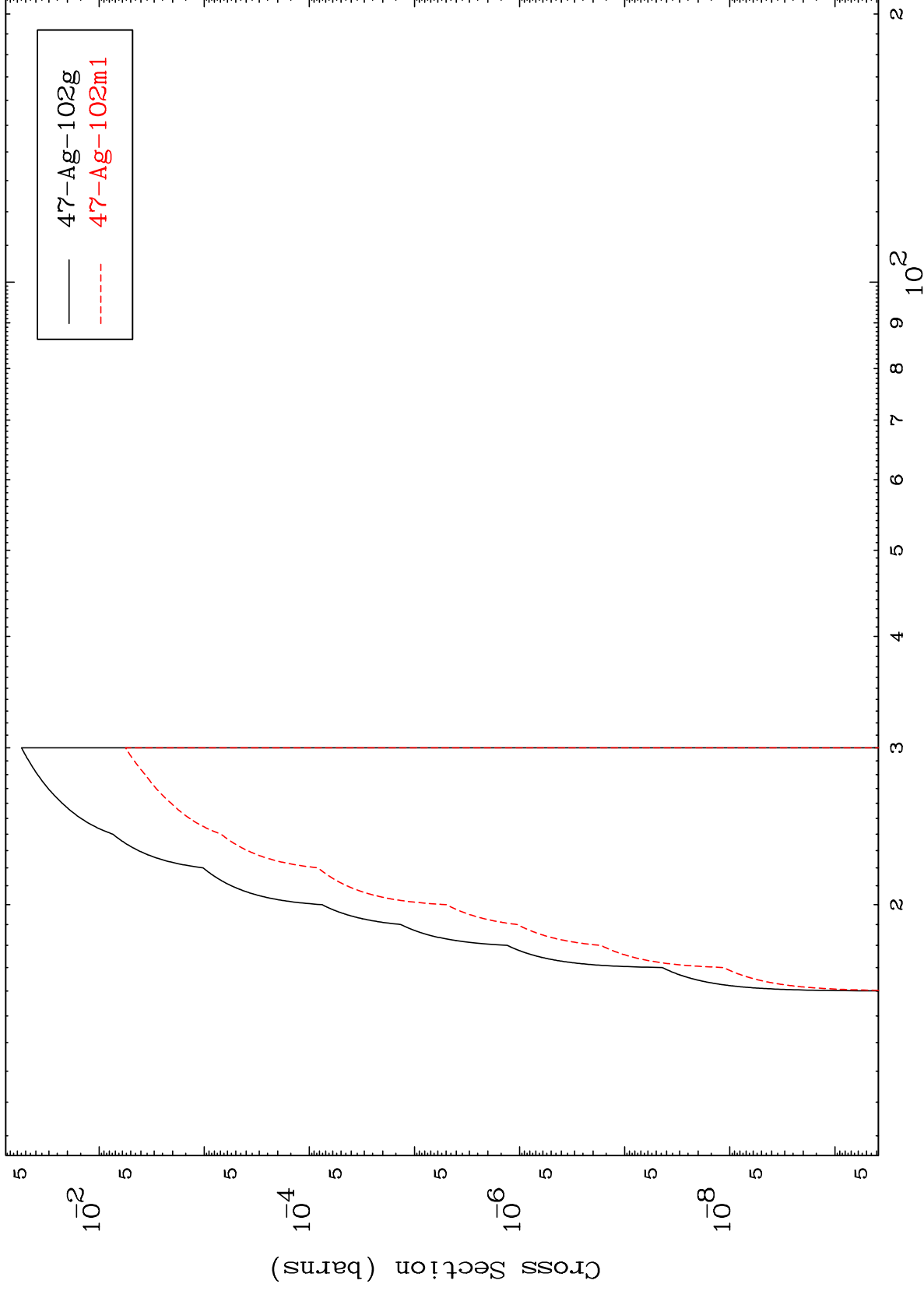
47-Ag-103m

MAT 4714

$(n, n') \alpha$

47-Ag-103m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

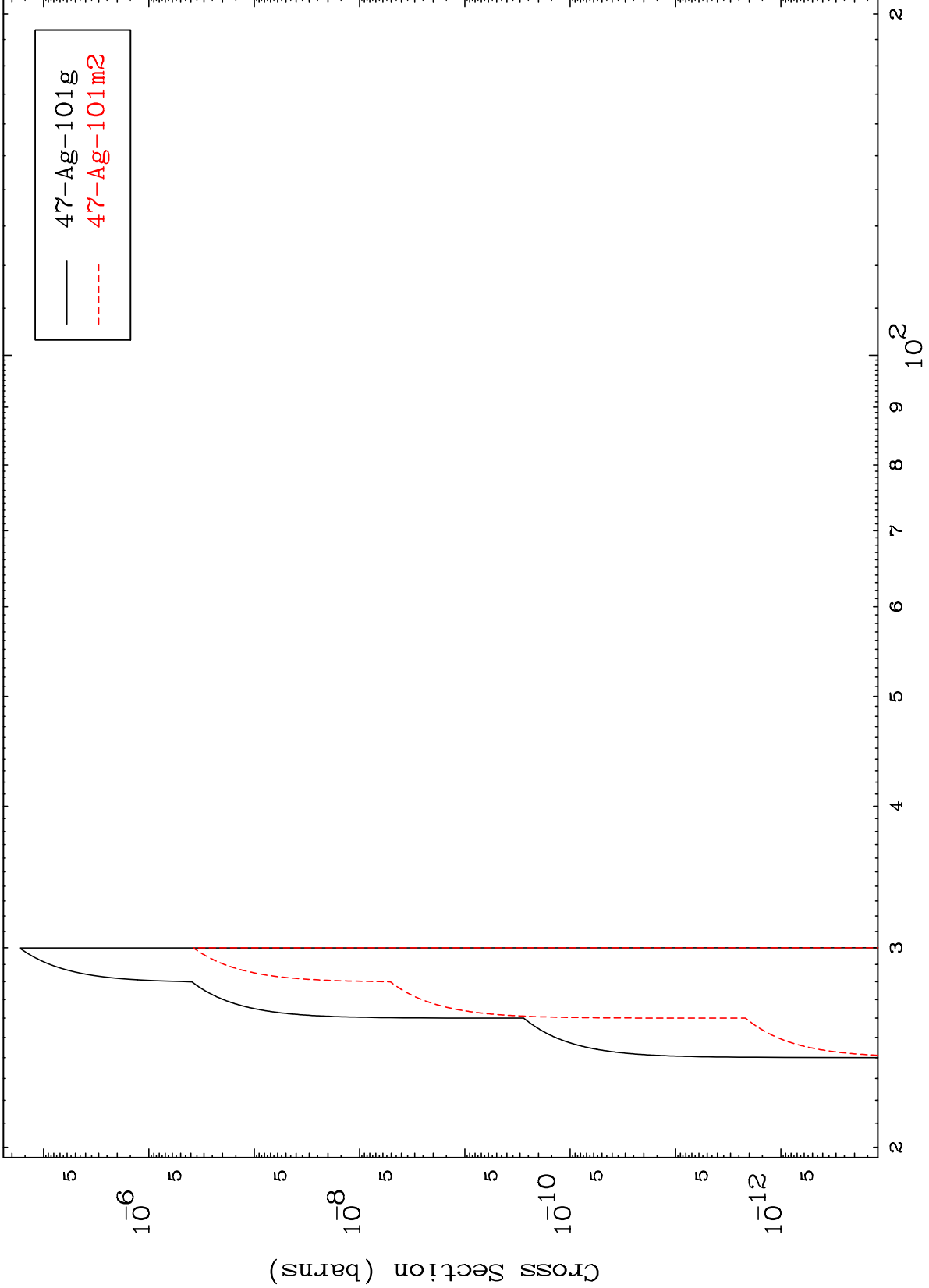
47-Ag-103m

MAT 4714

(n,2n)  $\alpha$

47-Ag-103m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

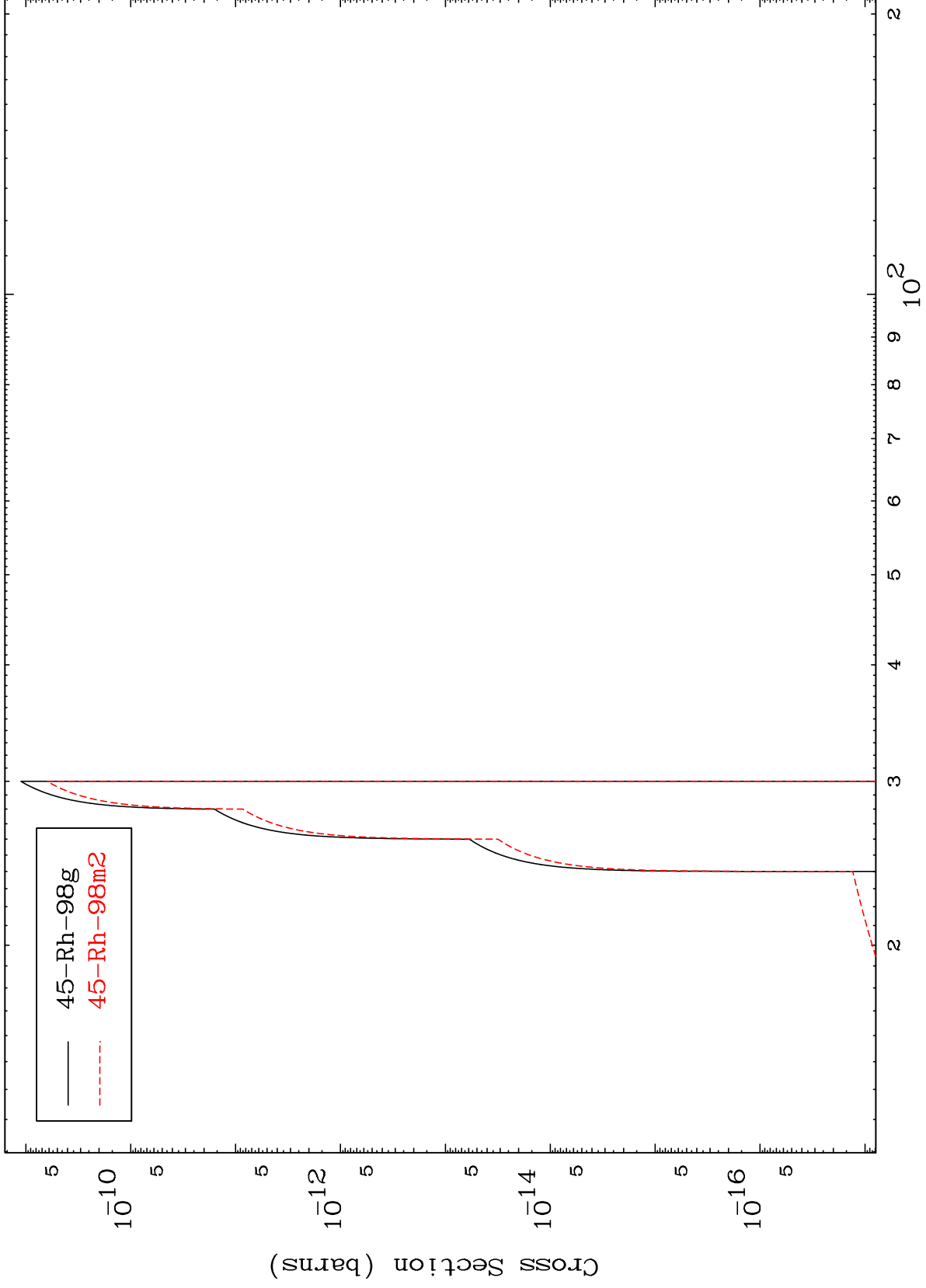
47-Ag-103m

MAT 4714

(n,n') 2 $\alpha$

47-Ag-103m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

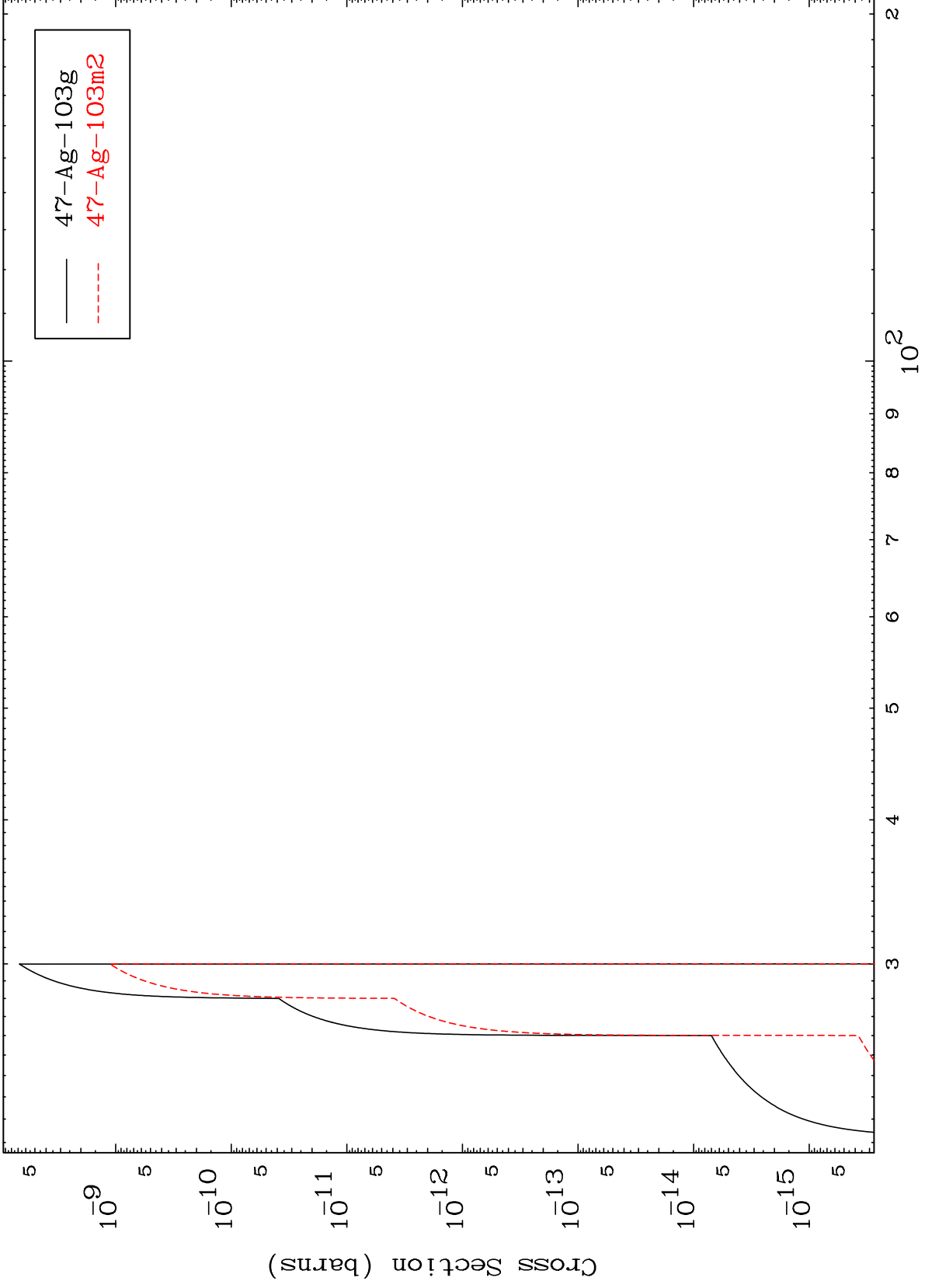
47-Ag-103m

MAT 4714

(n,n') He-3

47-Ag-103m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

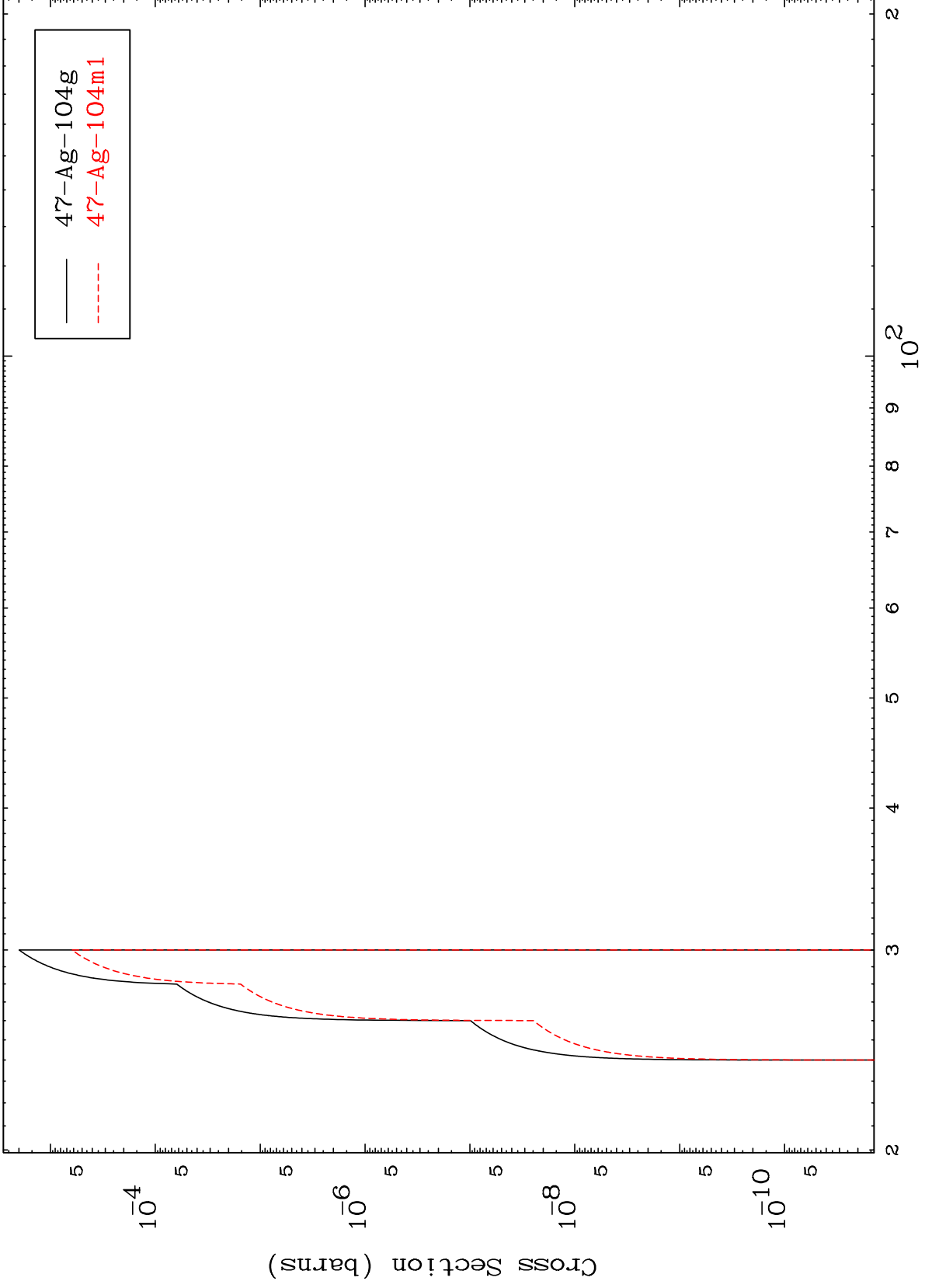
47-Ag-103m

MAT 4714

(n,2n) p

47-Ag-103m

Radionuclide Production Cross Section



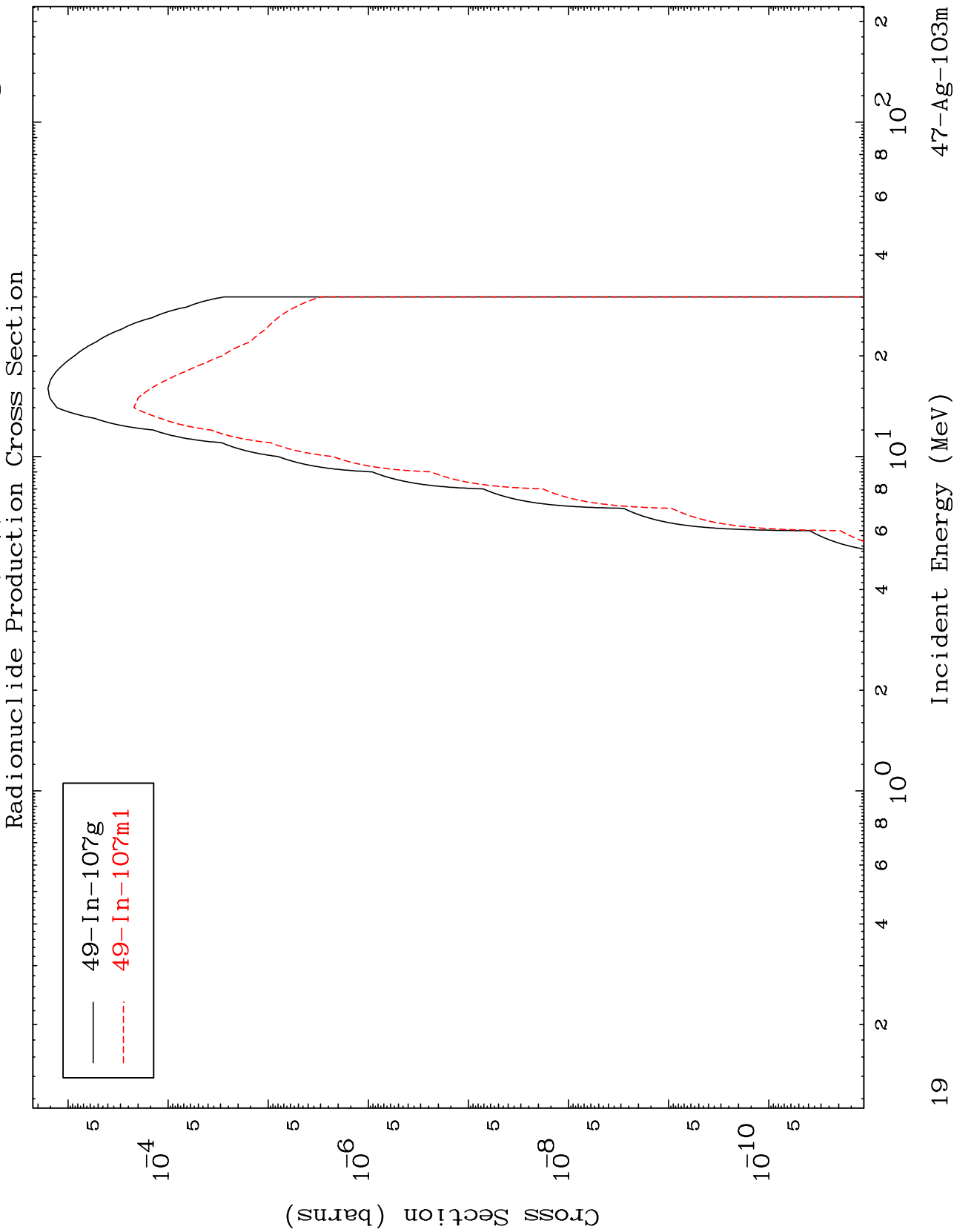
18

Incident Energy (MeV)

47-Ag-103m

MAT 4714

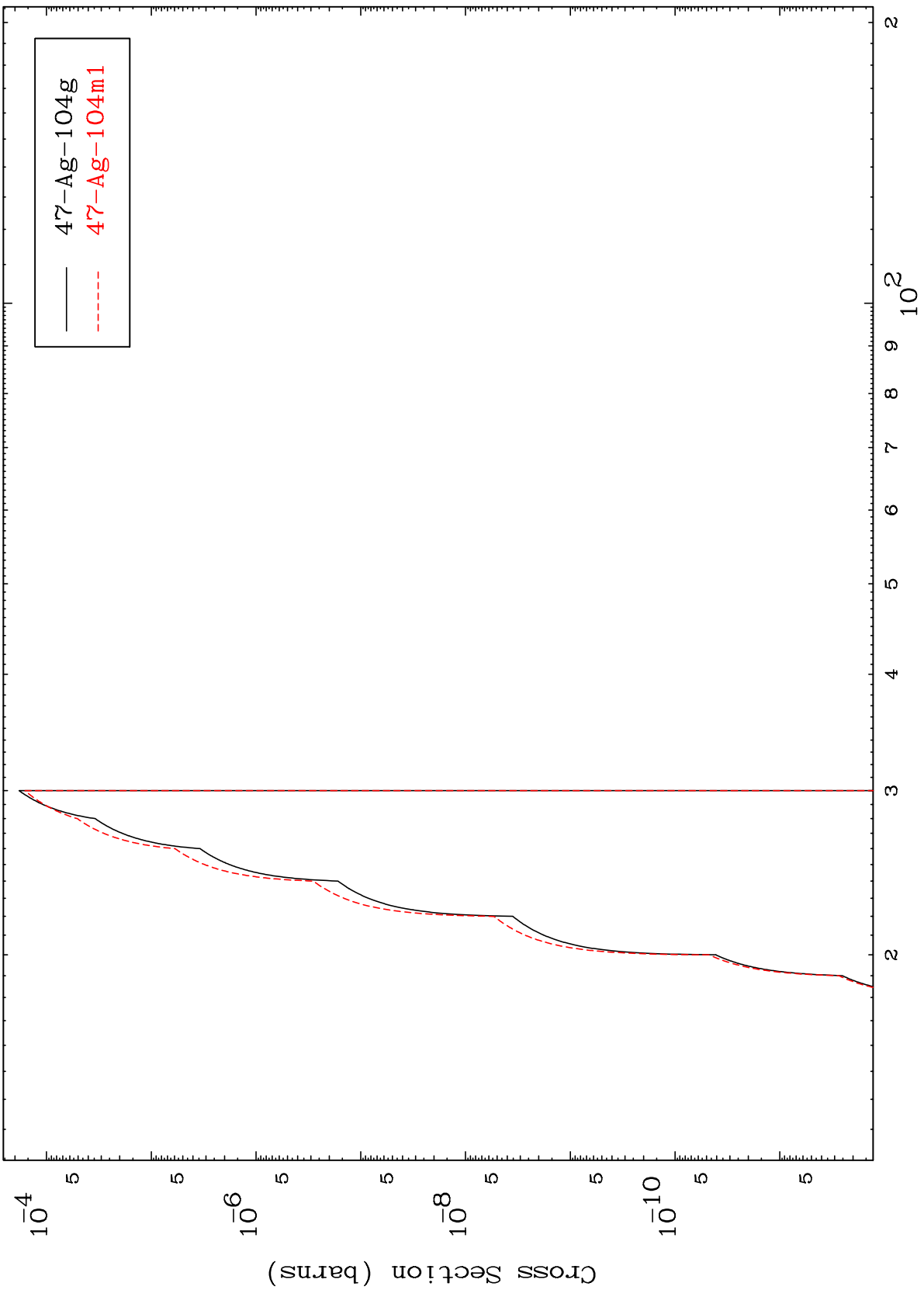
47-Ag-103m



MAT 4714

47-Ag-103m

(n,He-3)  
Radionuclide Production Cross Section



20

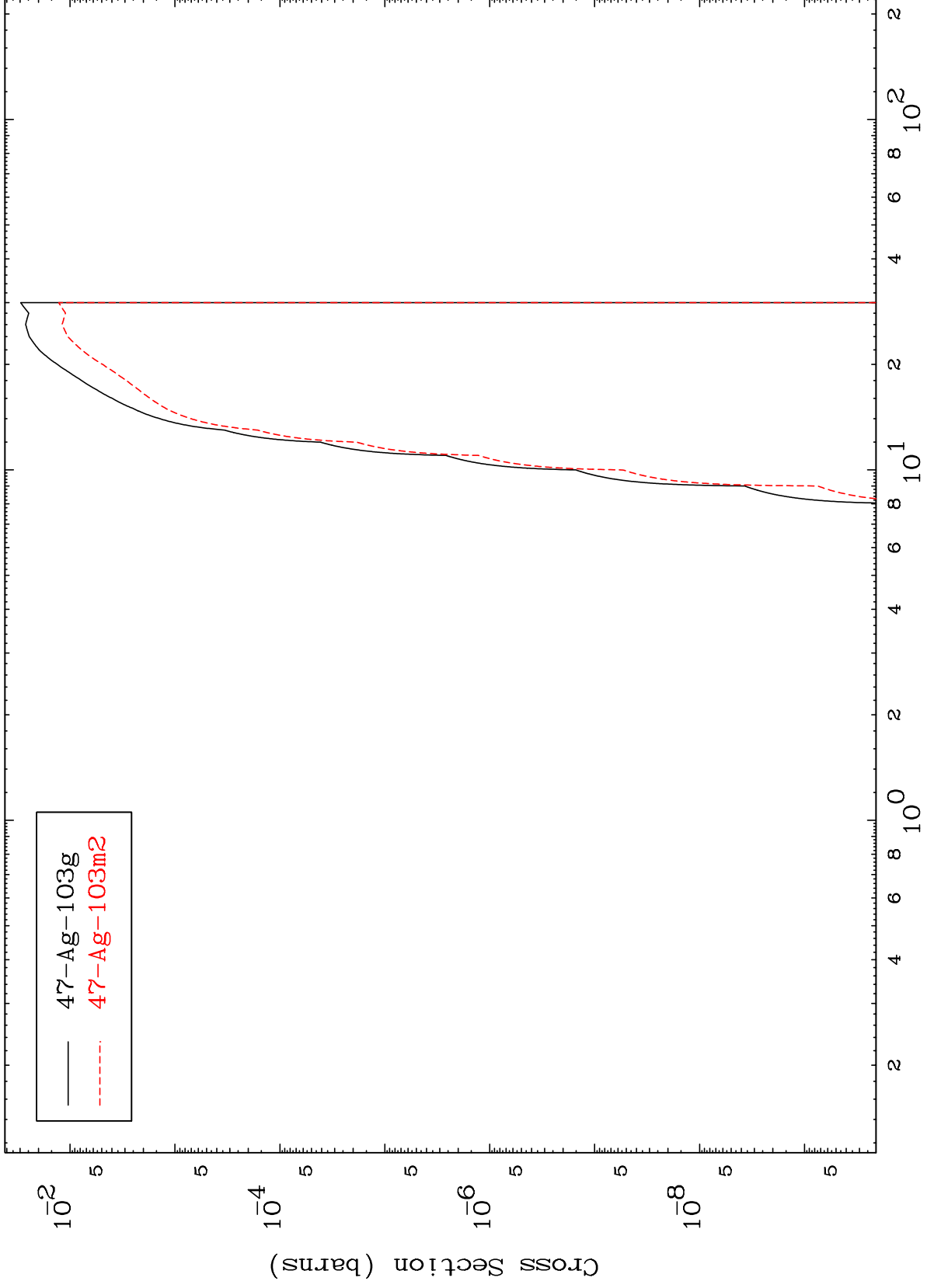
47-Ag-103m

Incident Energy (MeV)

MAT 4714

47-Ag-103m

Radionuclide Production Cross Section

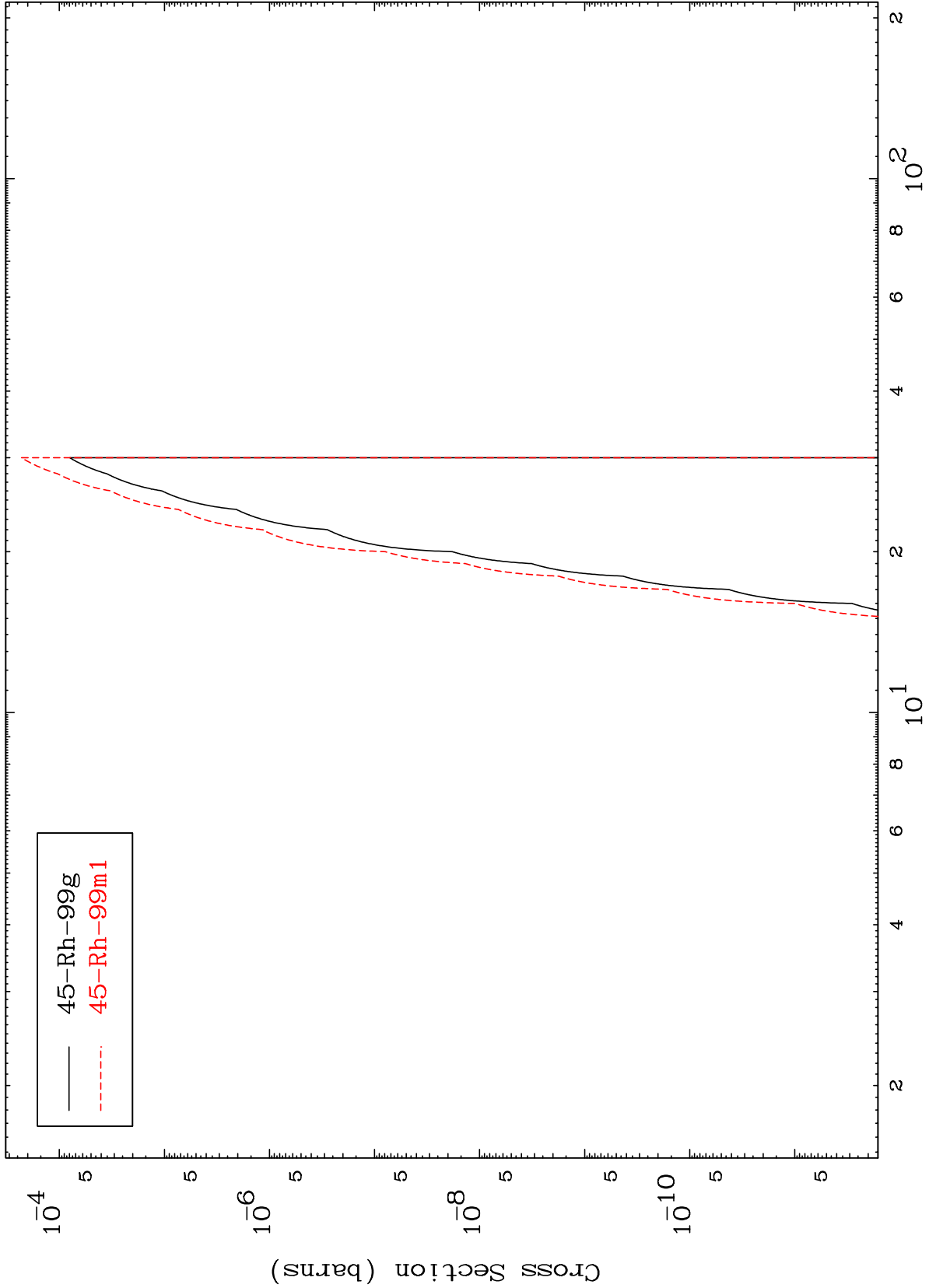


MAT 4714

(n,2α)

47-Ag-103m

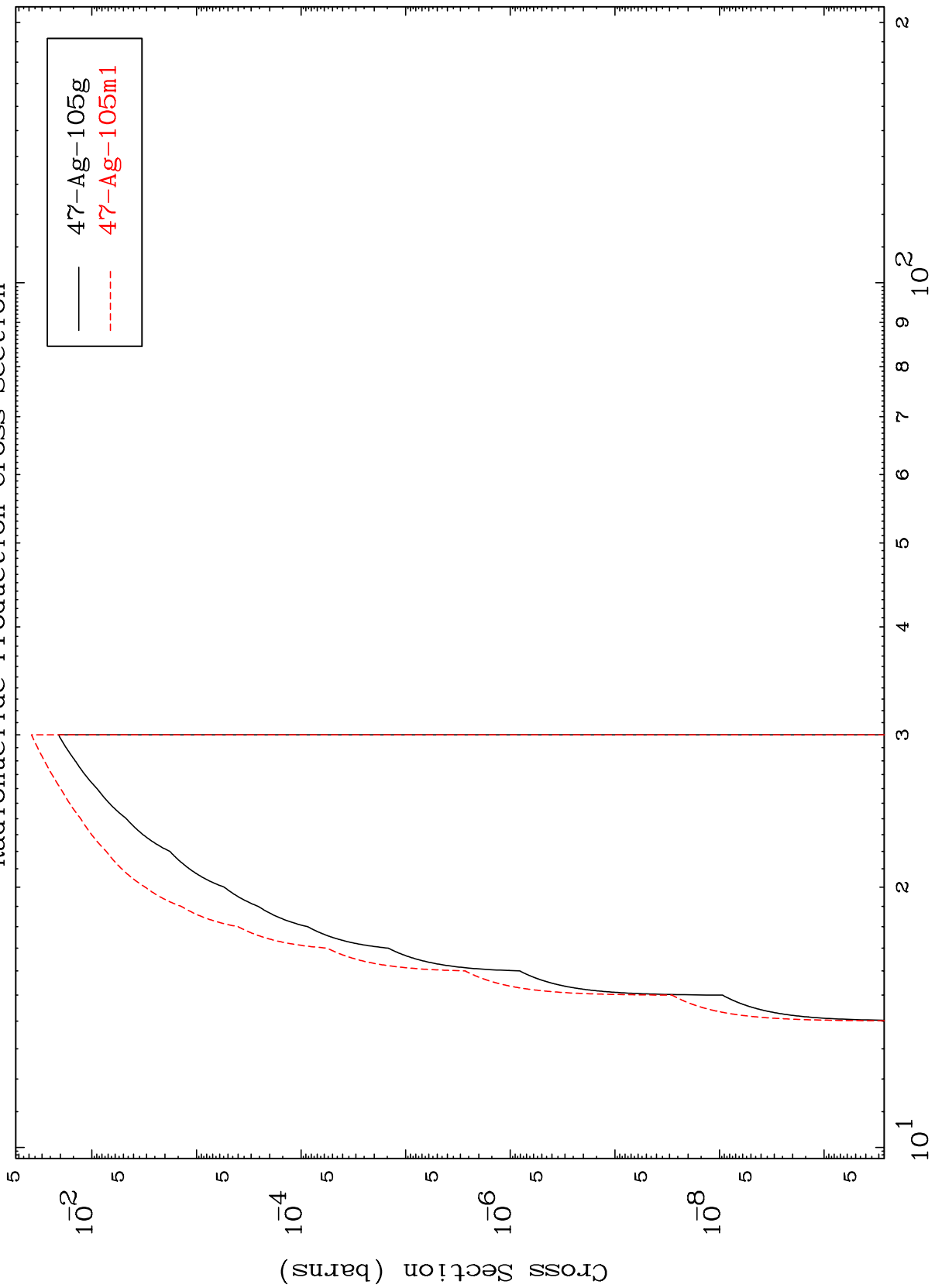
Radionuclide Production Cross Section



MAT 4714

47-Ag-103m

(n,2p)  
Radionuclide Production Cross Section



47-Ag-103m

Incident Energy (MeV)

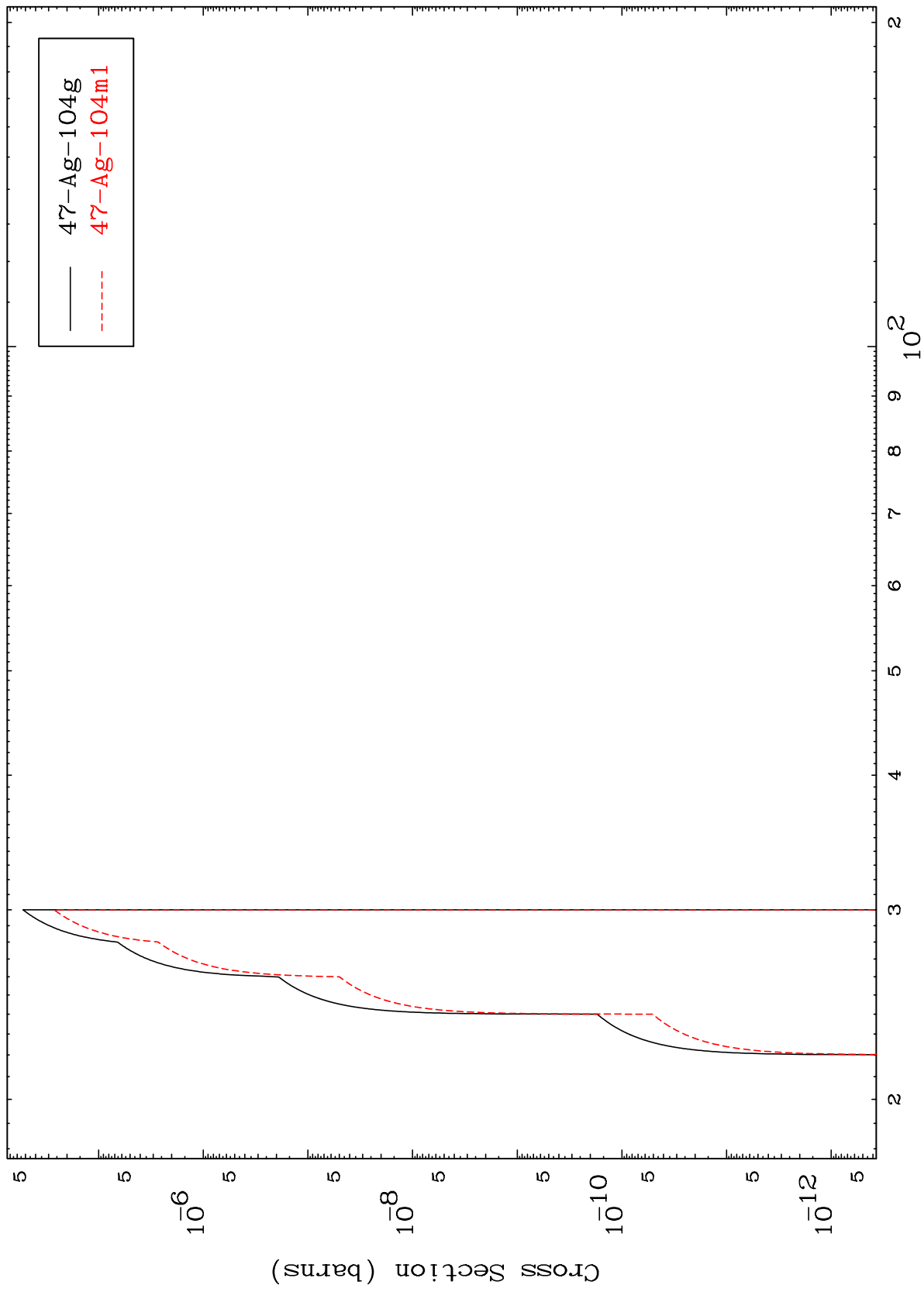
23

MAT 4714

(n,p) d

47-Ag-103m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

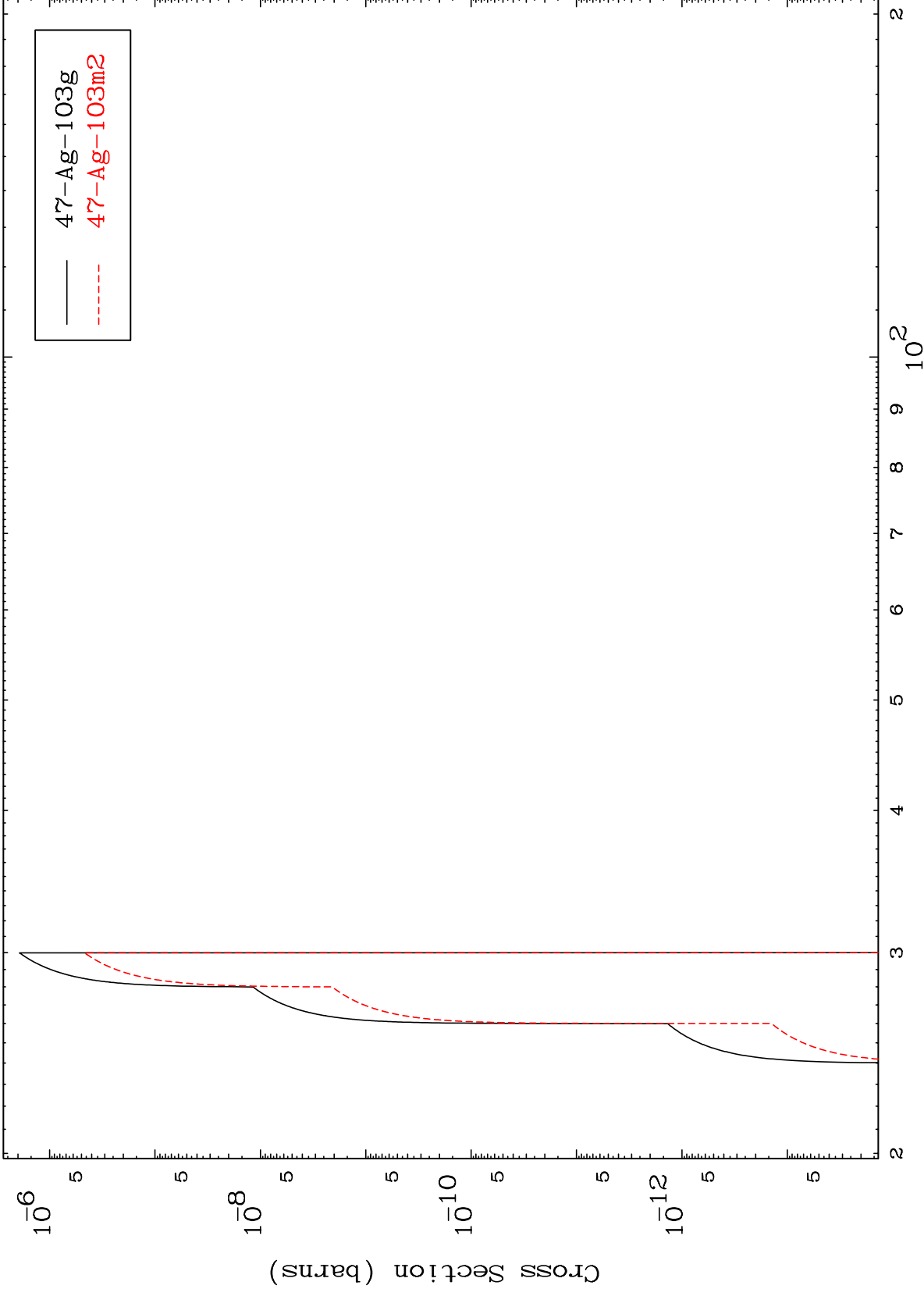
47-Ag-103m

MAT 4714

(n,p) t

47-Ag-103m

Radionuclide Production Cross Section



47-Ag-103g  
47-Ag-103m2

25

Incident Energy (MeV)

47-Ag-103m