

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

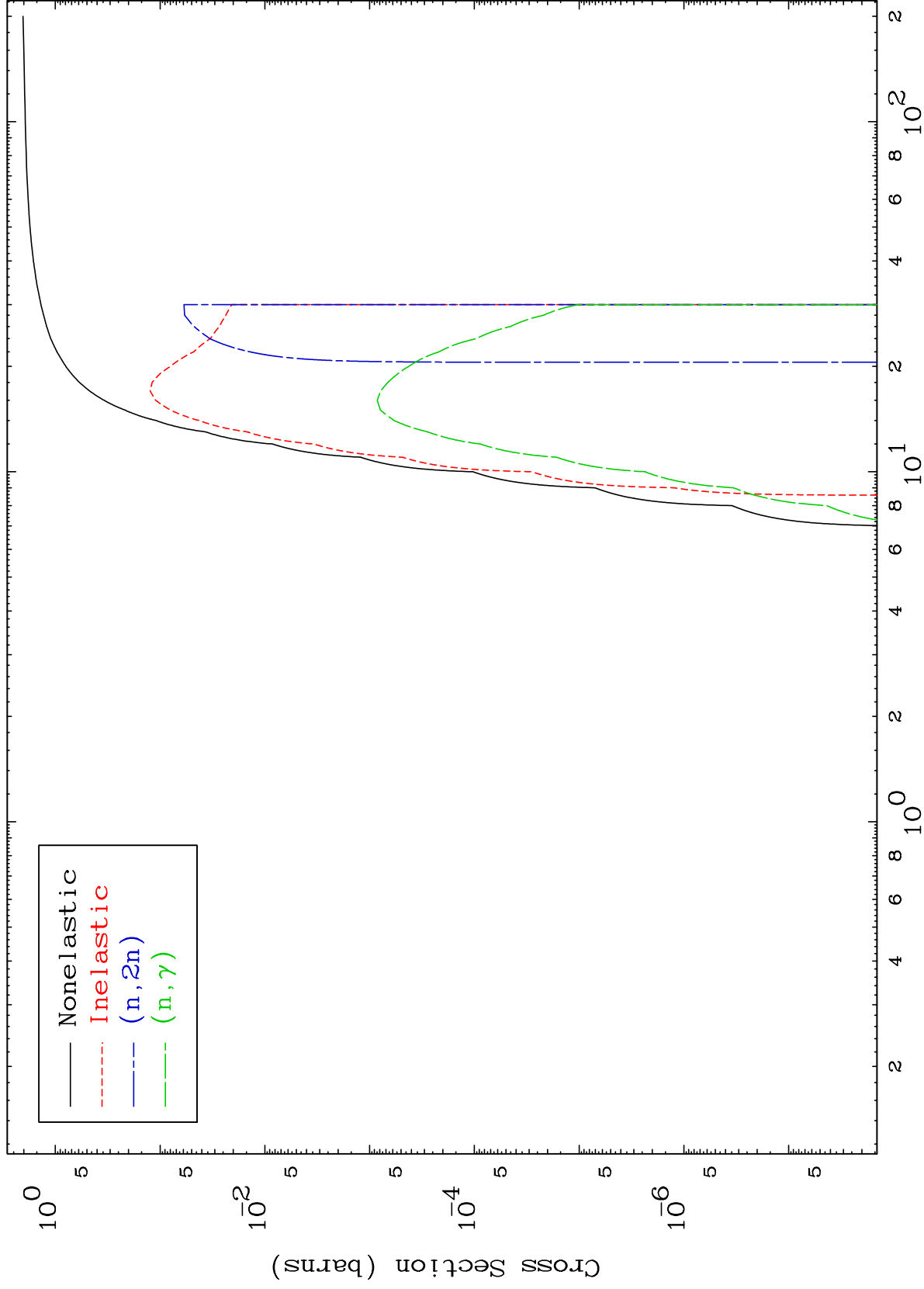
Press Mouse Button to Start

MAT 4711

0 Kelvin

α Major Cross Sections

47-Ag-102m



1

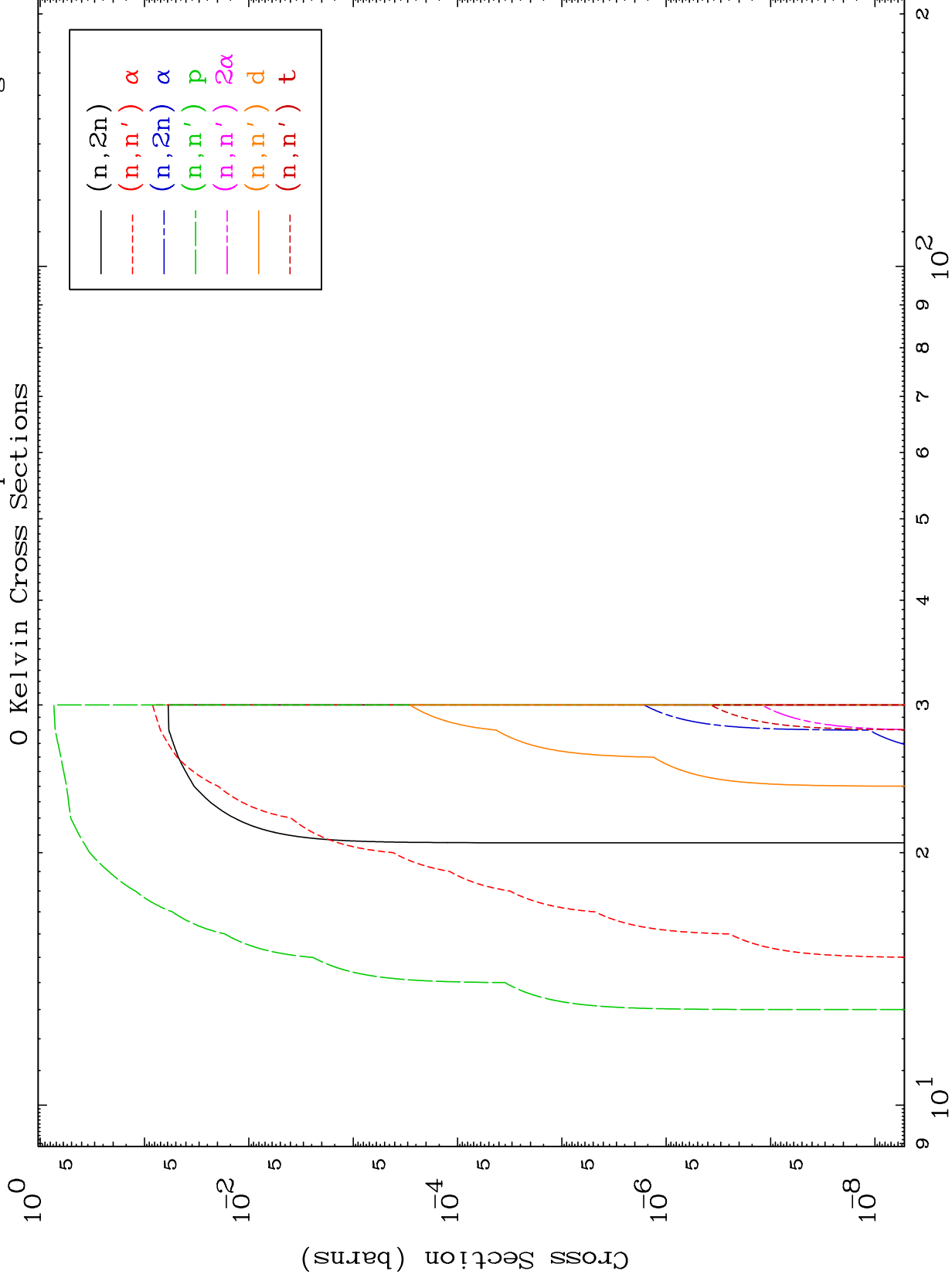
Incident Energy (MeV)

47-Ag-102m

MAT 4711

α Neutron Absorption
0 Kelvin Cross Sections

47-Ag-102m



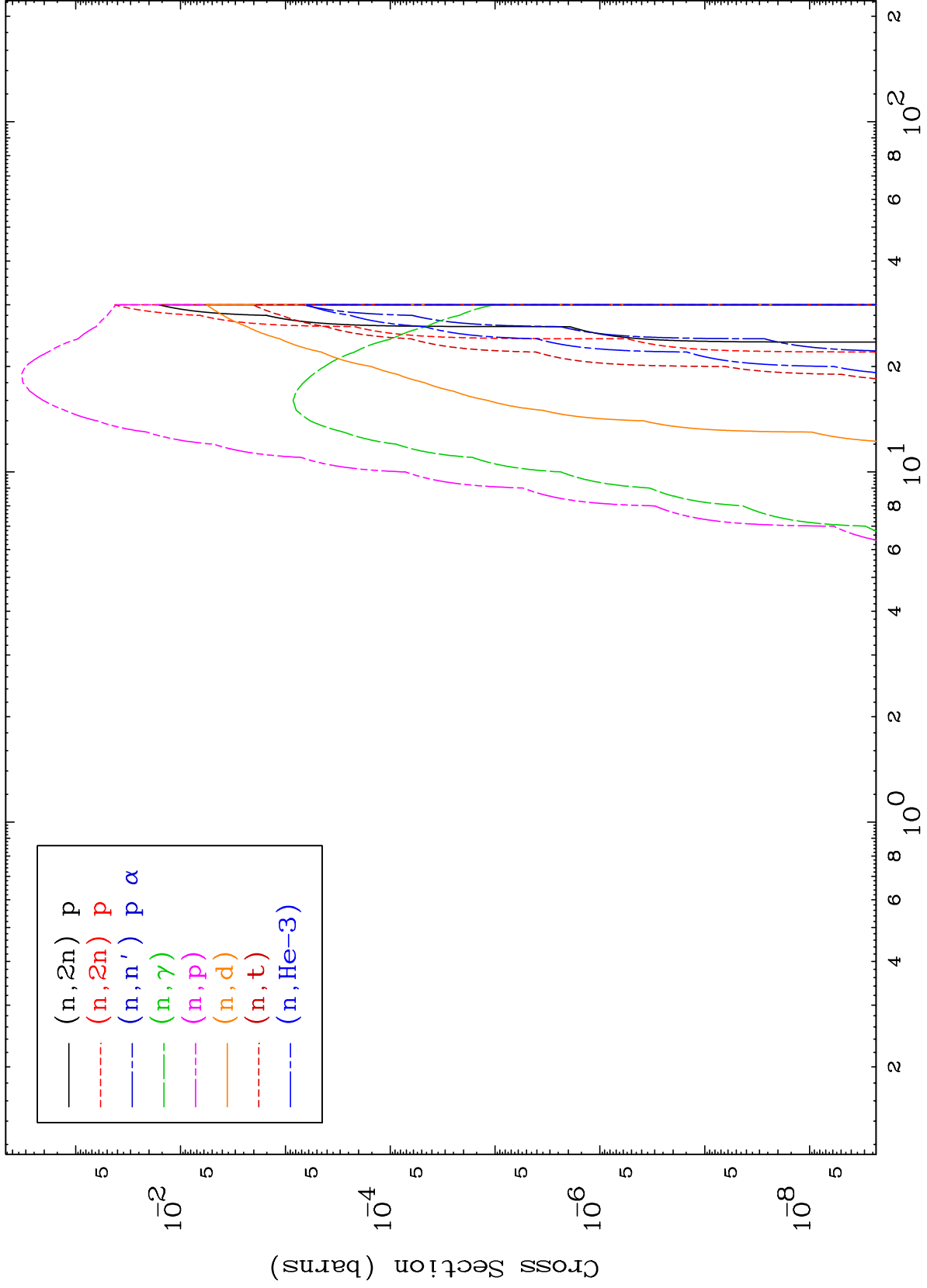
Incident Energy (MeV)

47-Ag-102m

MAT 4711

α Neutron Absorption
0 Kelvin Cross Sections

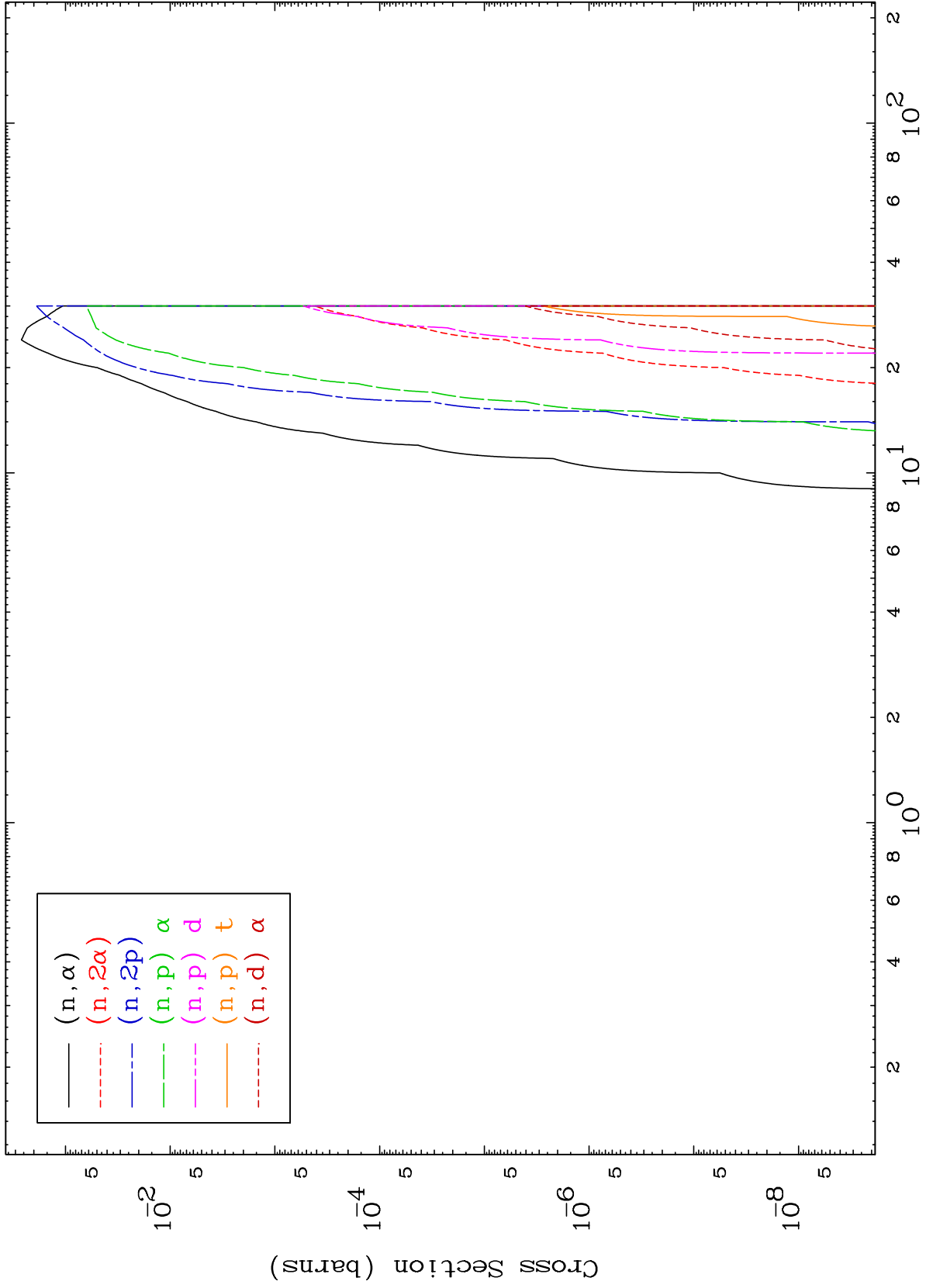
47-Ag-102m



MAT 4711

α Neutron Absorption
0 Kelvin Cross Sections

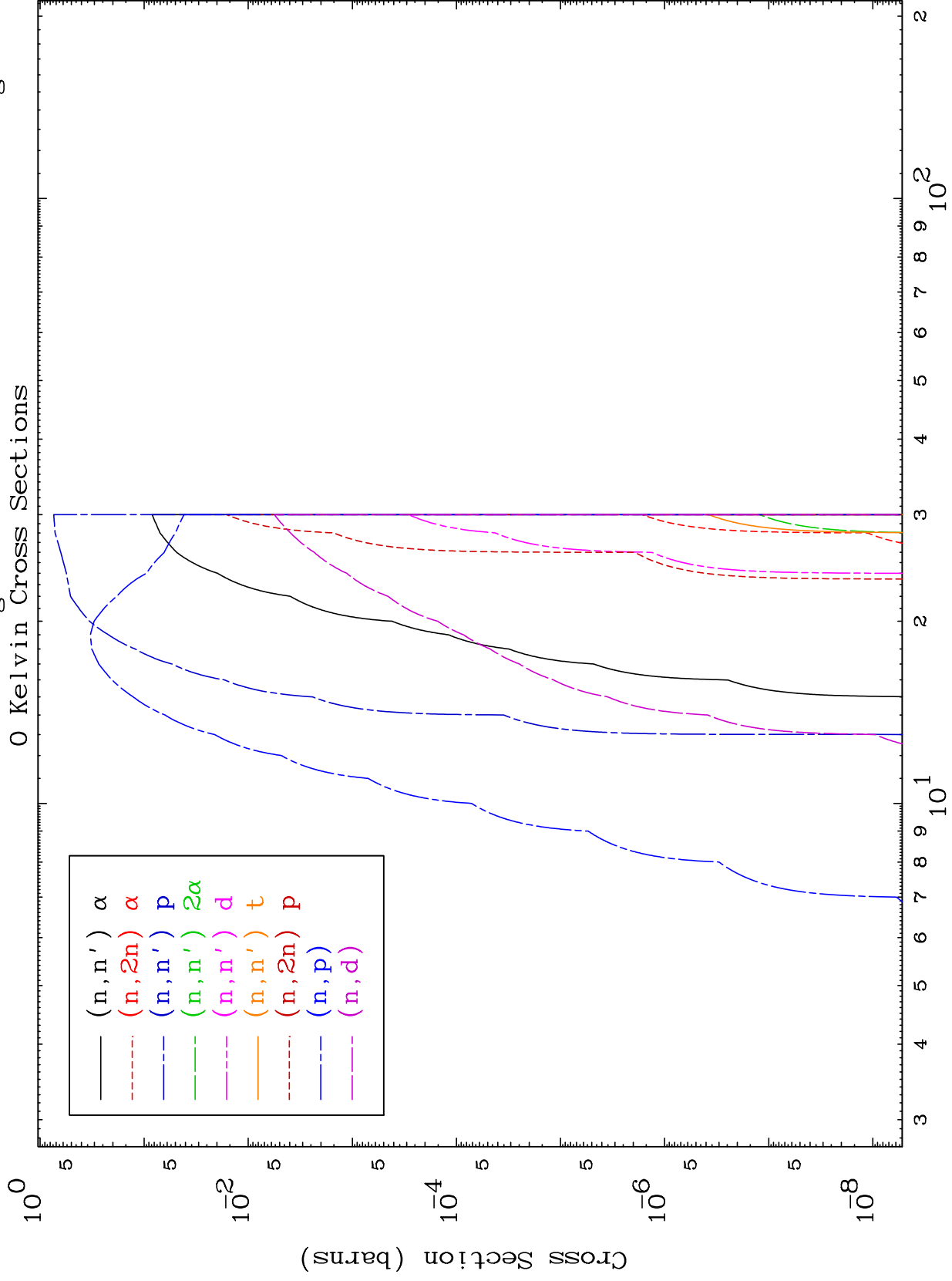
47-Ag-102m



MAT 4711

α Charged Particle
0 Kelvin Cross Sections

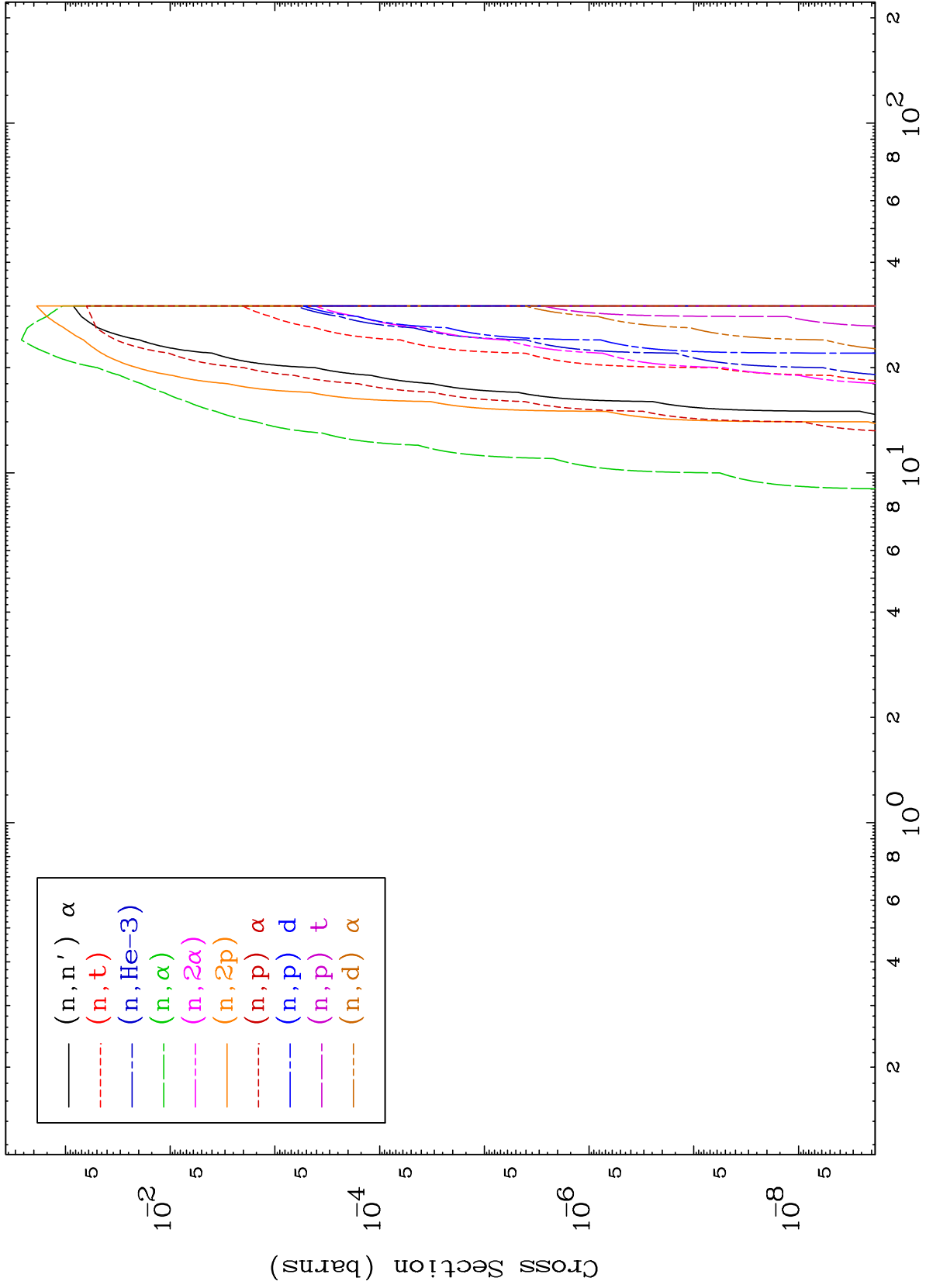
47-Ag-102m



5

Incident Energy (MeV)

47-Ag-102m

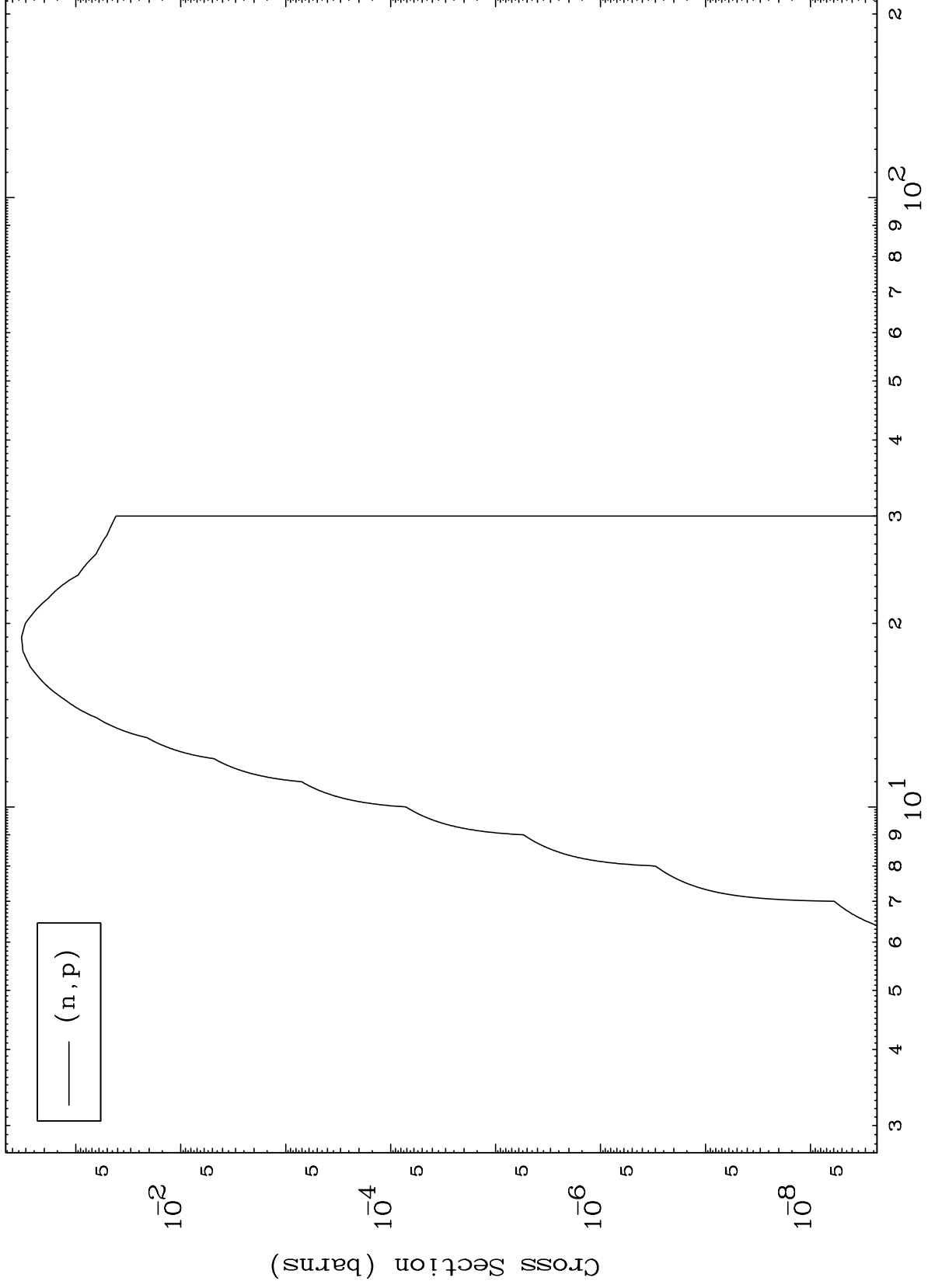


MAT 4711

(α, p) Levels

47-Ag-102m

0 Kelvin Cross Sections



7

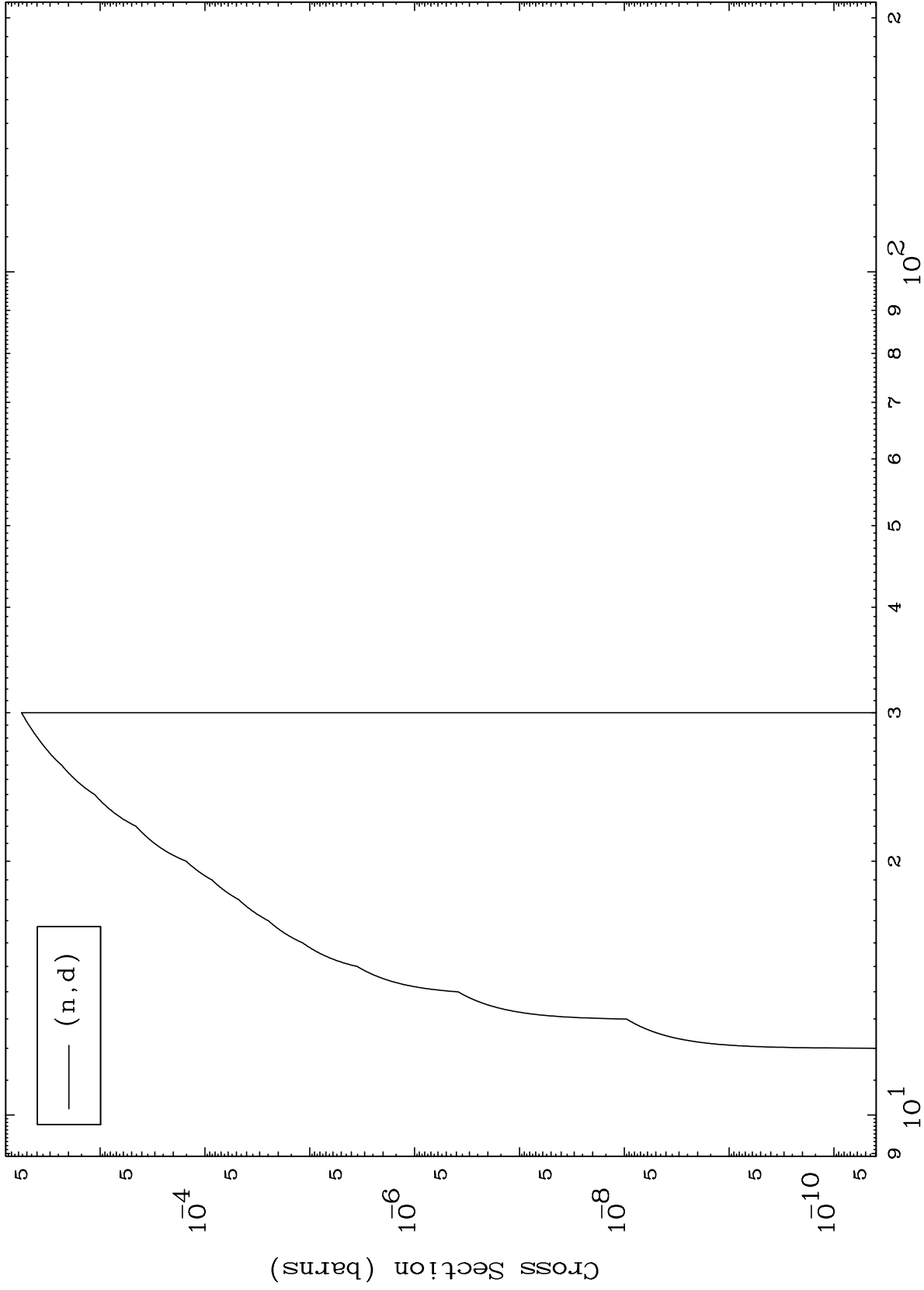
Incident Energy (MeV)

47-Ag-102m

MAT 4711

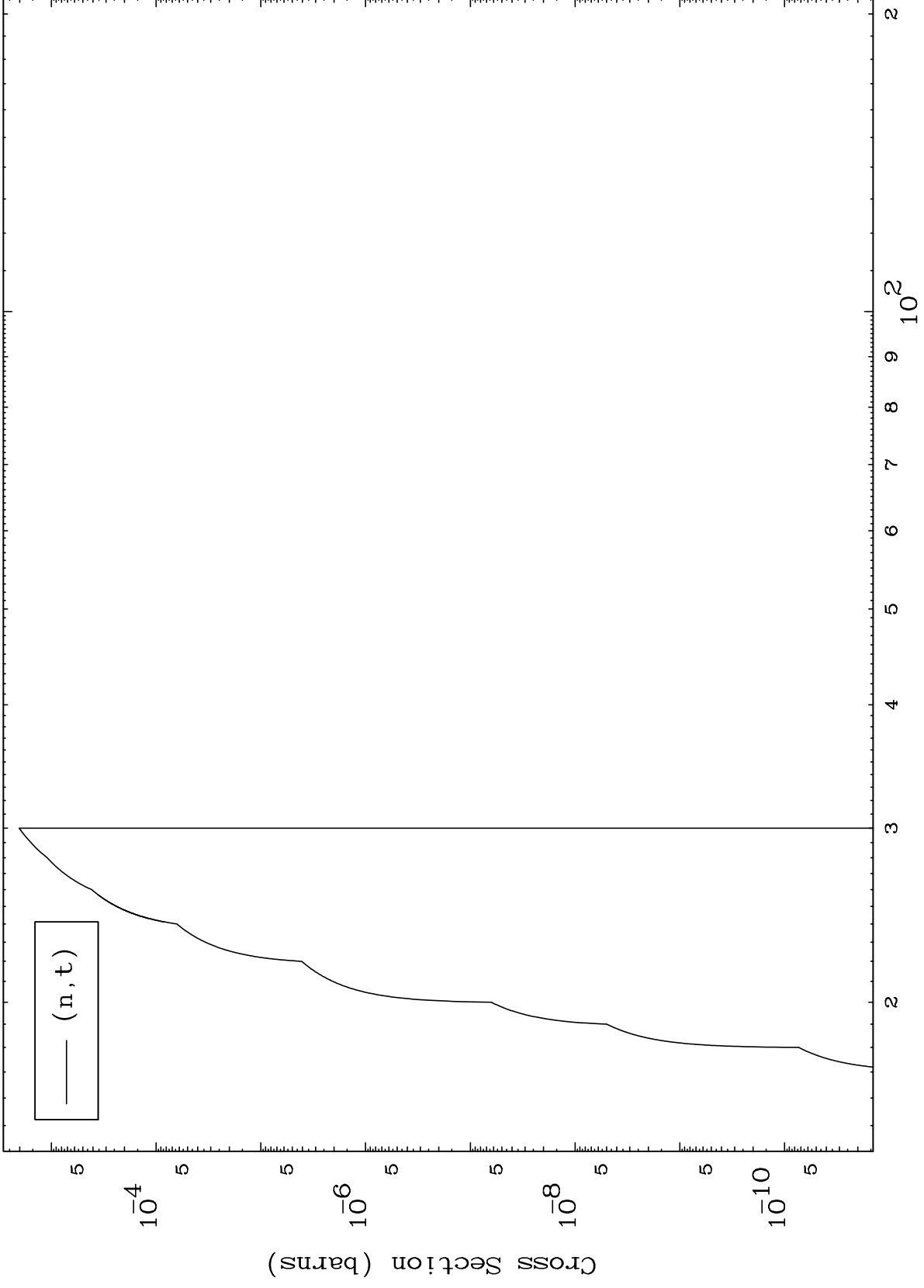
(α, d) Levels
0 Kelvin Cross Sections

47-Ag-102m



Incident Energy (MeV)

47-Ag-102m

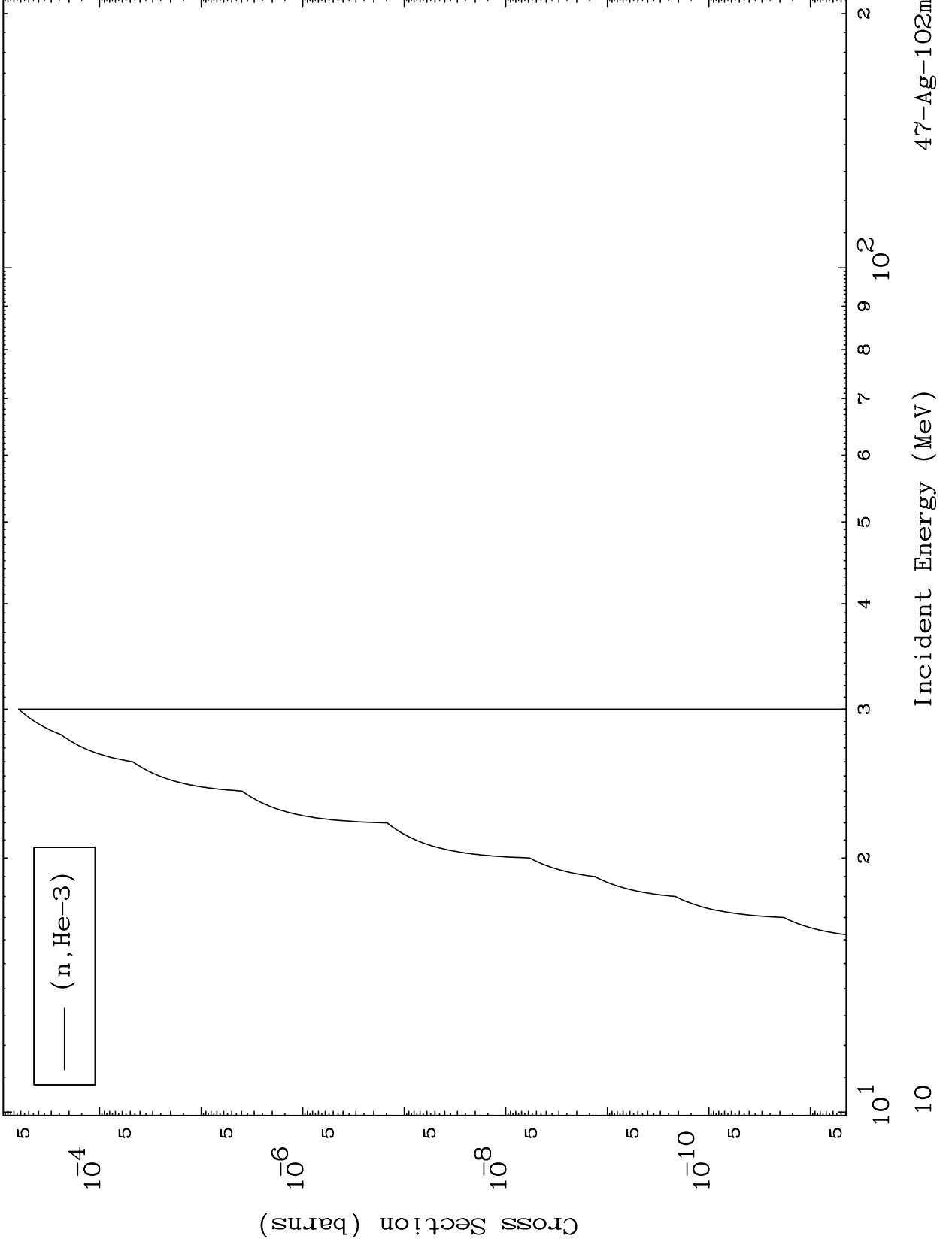


MAT 4711

(α , He3) Levels

47-Ag-102m

0 Kelvin Cross Sections



47-Ag-102m

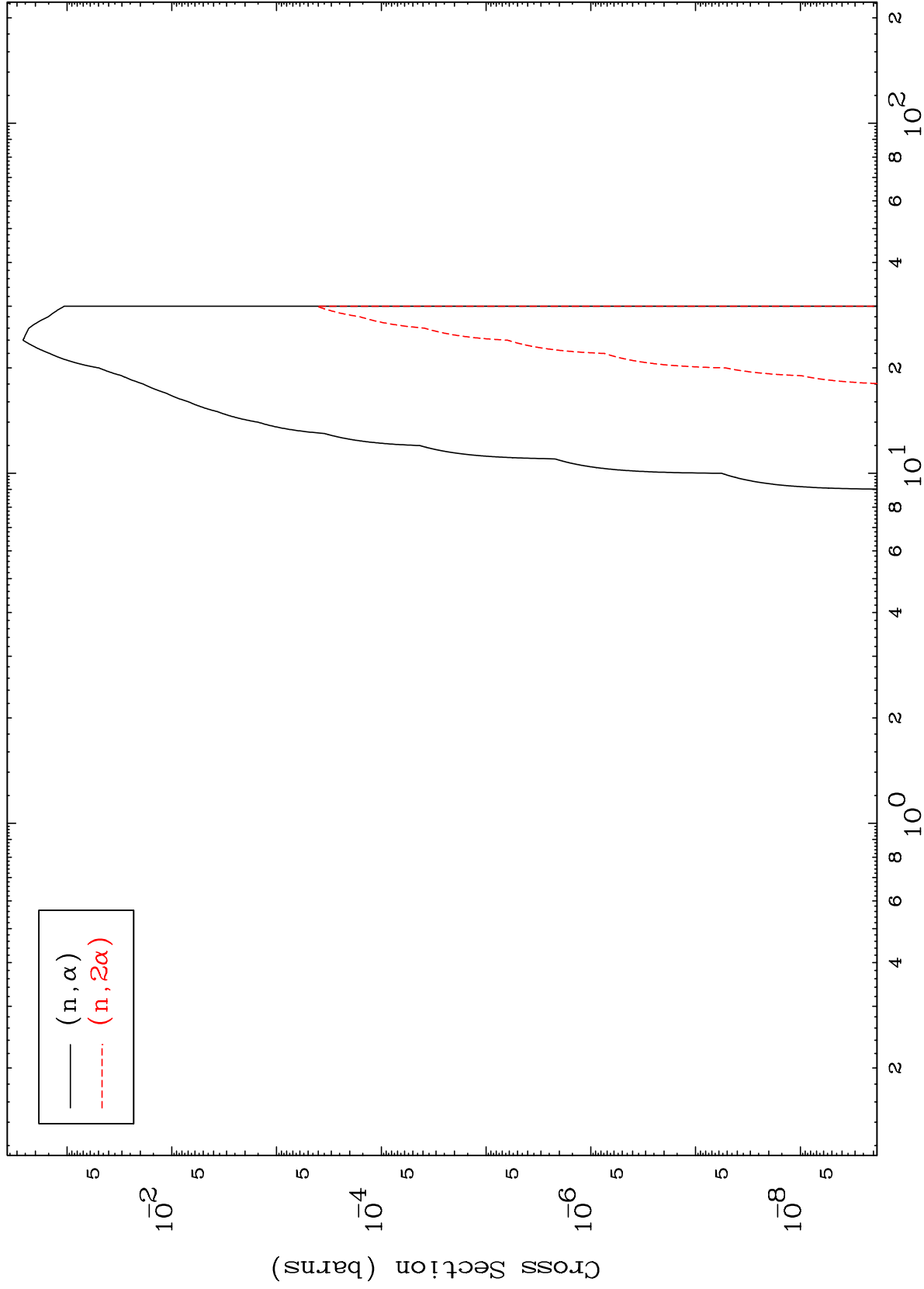
Incident Energy (MeV)

MAT 4711

(α, α) Levels

47-Ag-102m

0 Kelvin Cross Sections

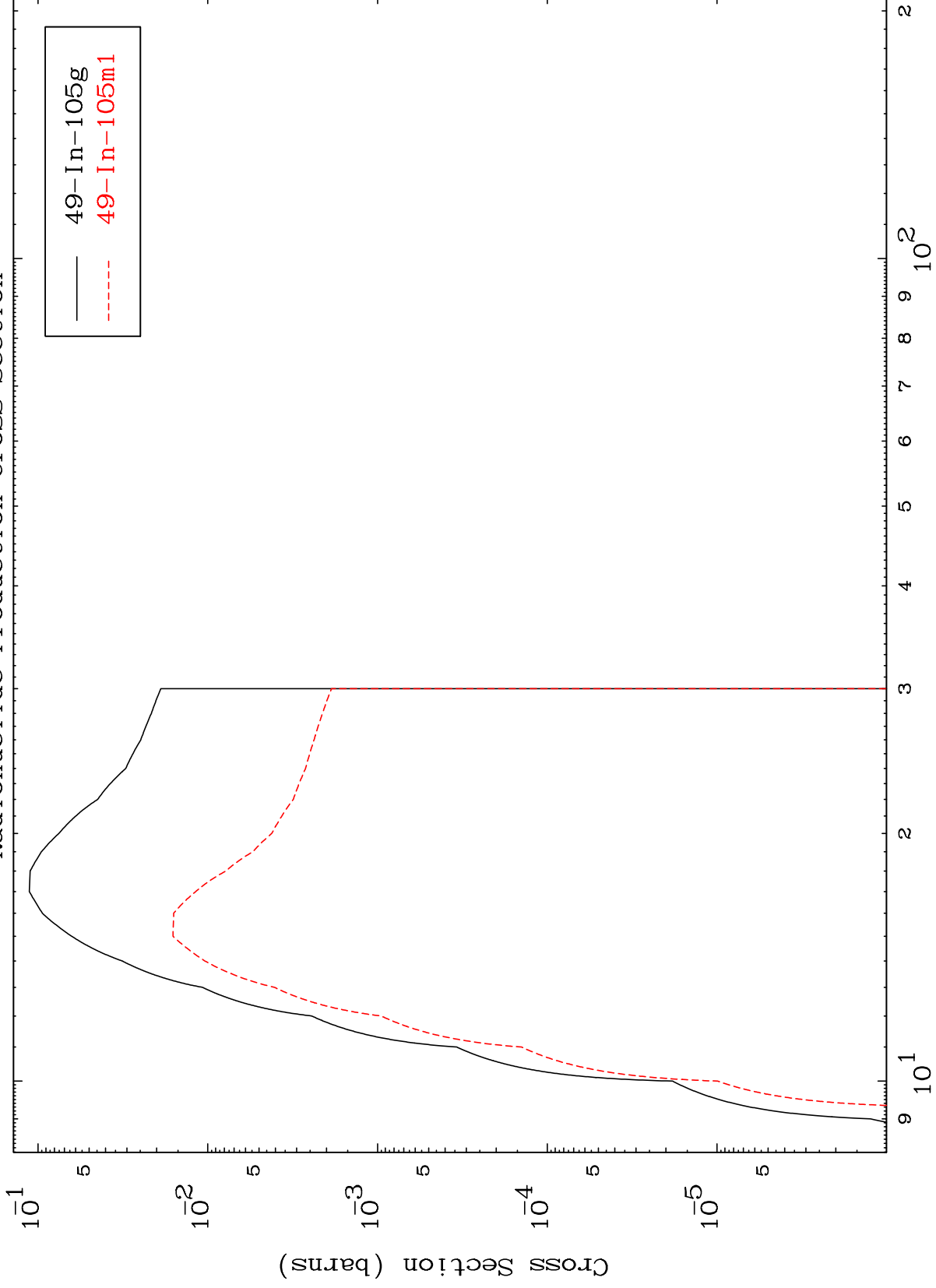


MAT 4711

Inelastic

47-Ag-102m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

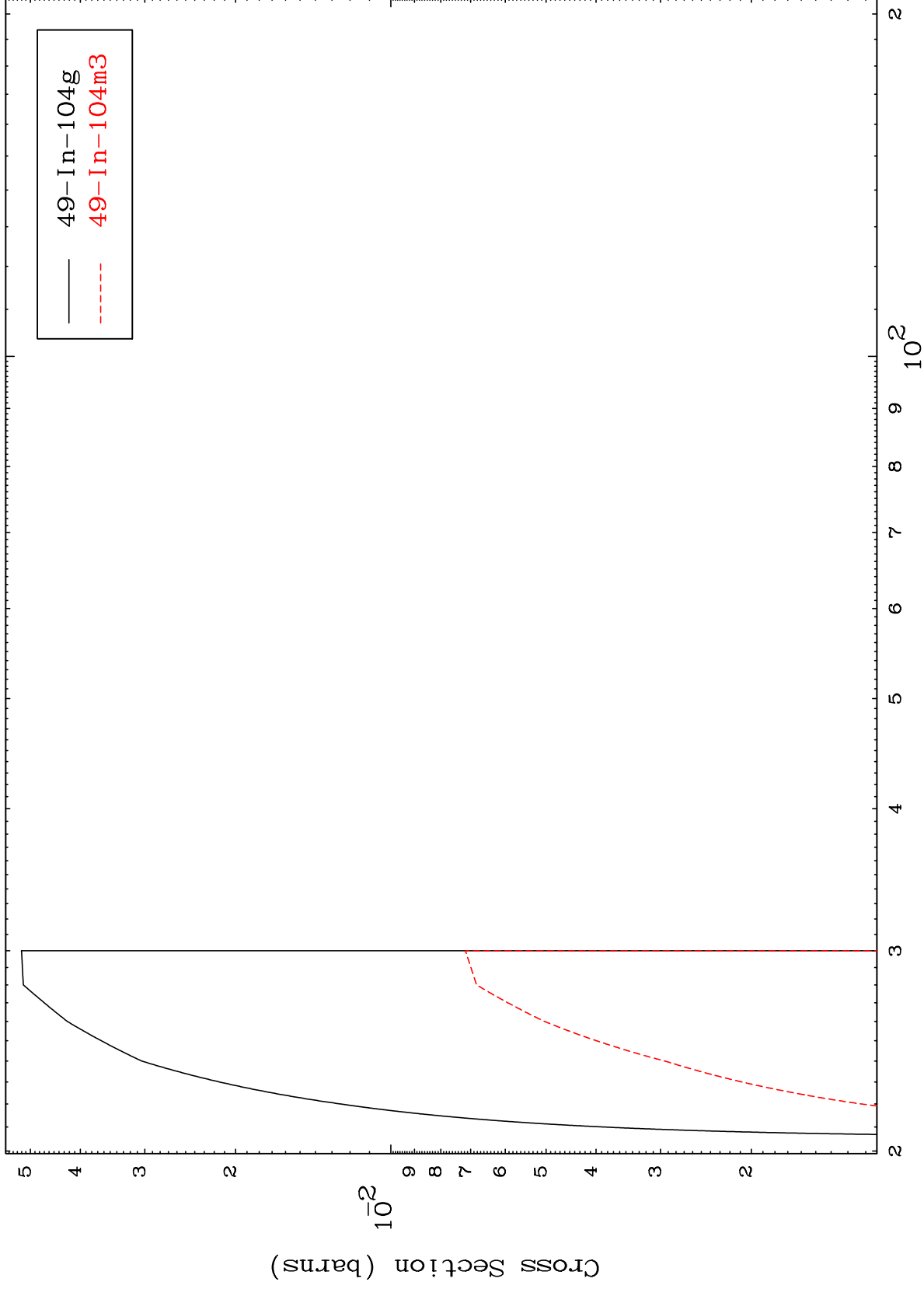
47-Ag-102m

MAT 4711

(n,2n)

47-Ag-102m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

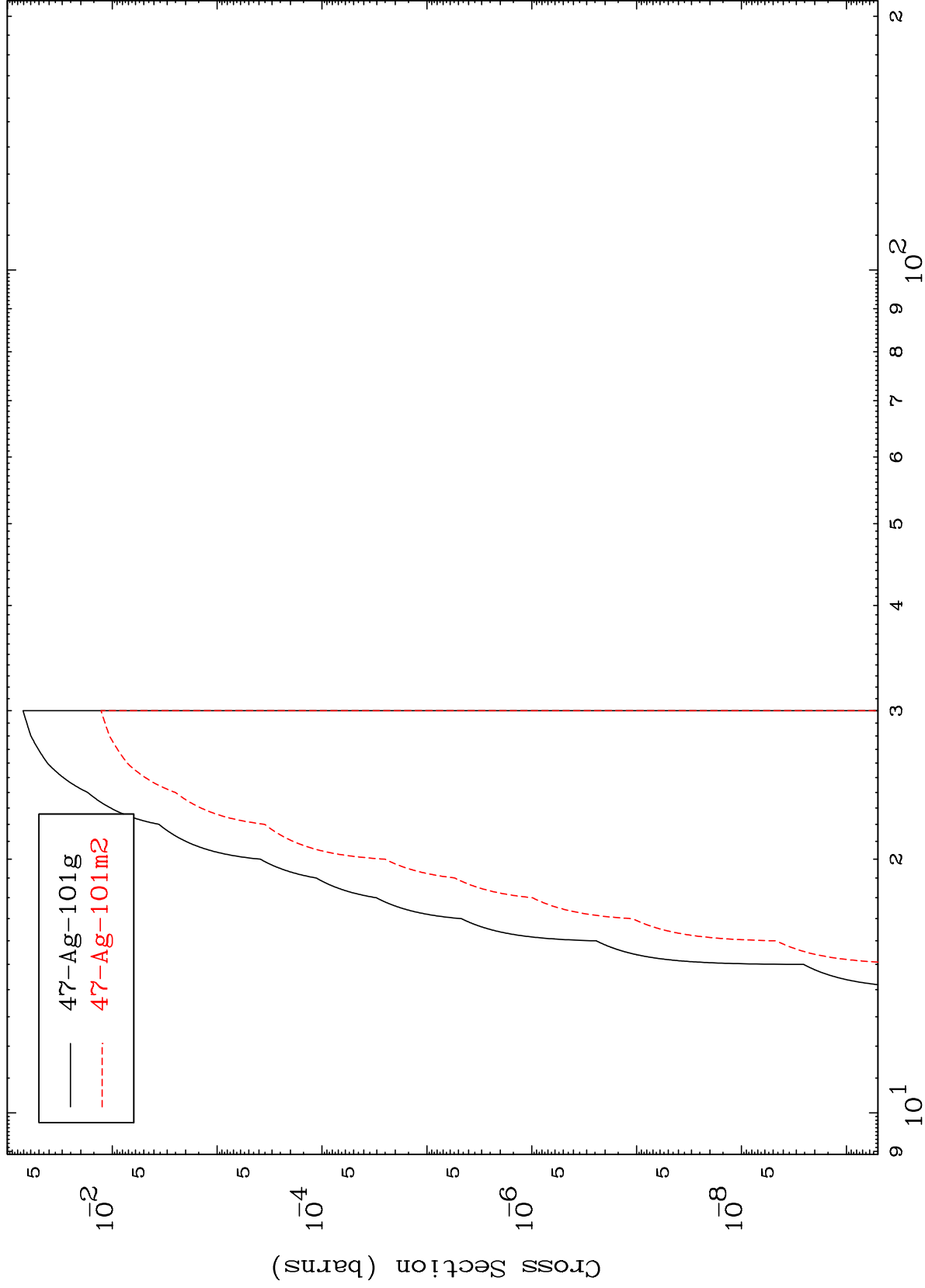
47-Ag-102m

MAT 4711

47-Ag-102m

(n,n') α

Radionuclide Production Cross Section



47-Ag-102m

Incident Energy (MeV)

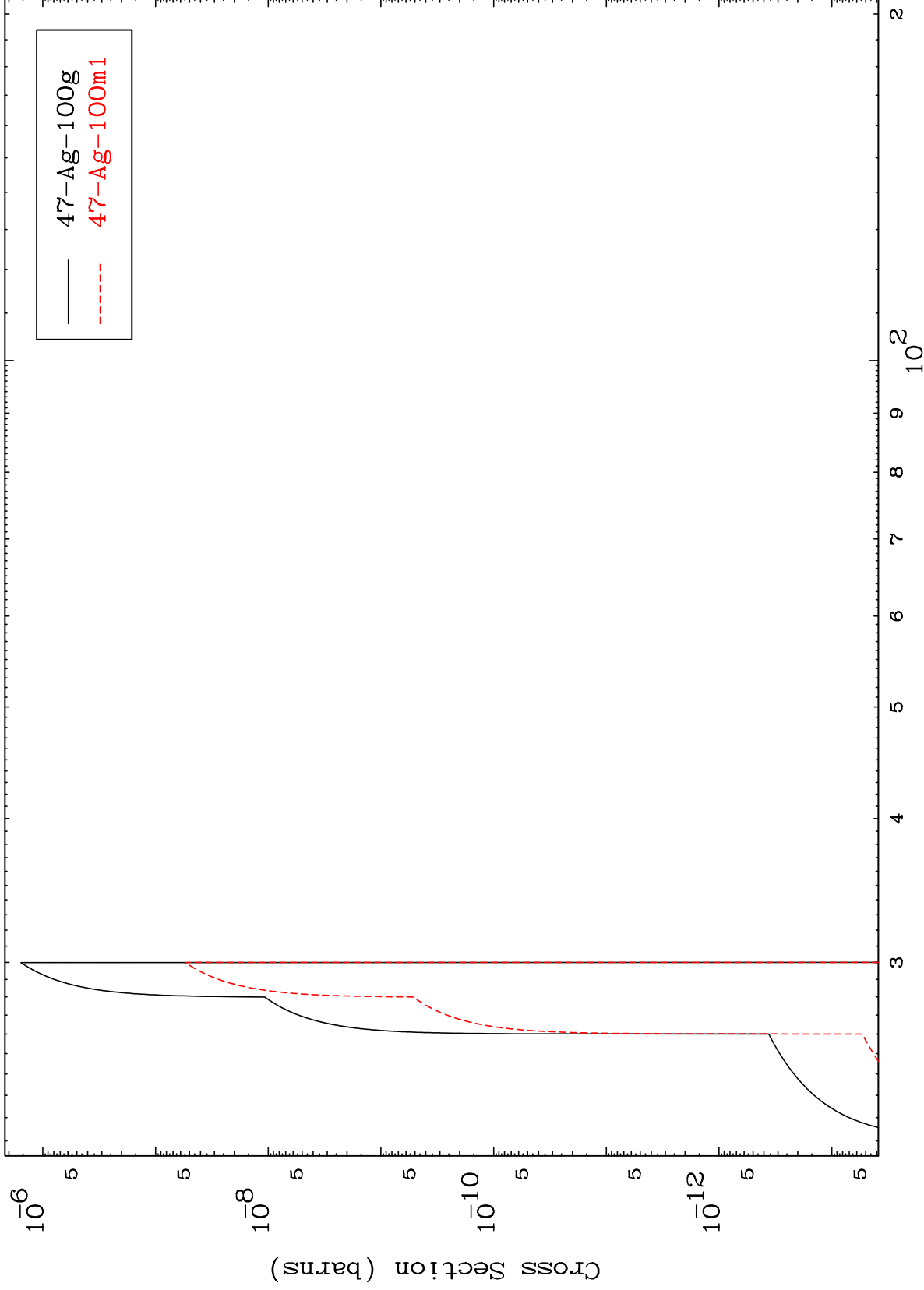
14

MAT 4711

(n,2n) α

47-Ag-102m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

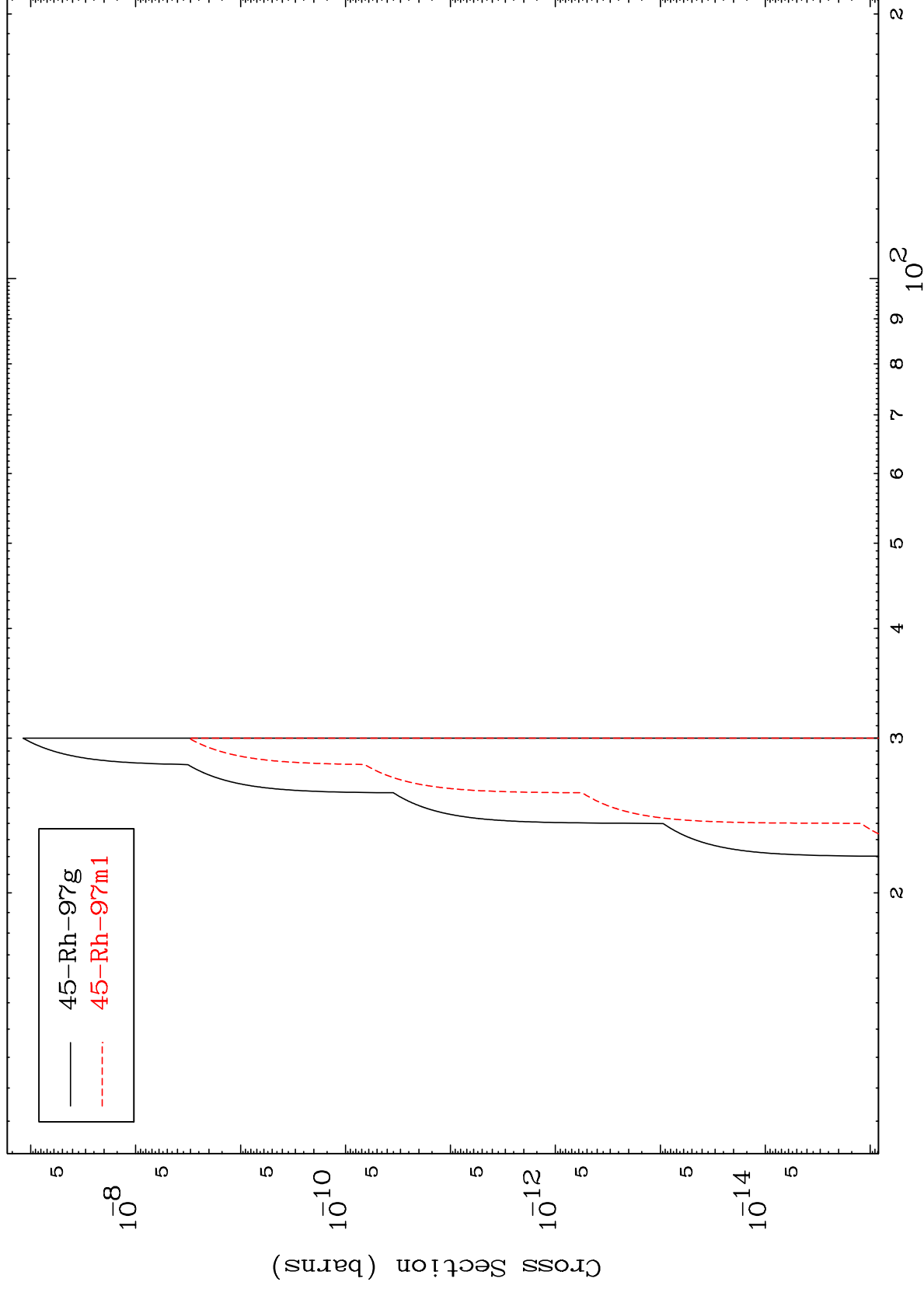
47-Ag-102m

MAT 4711

(n,n') 2 α

47-Ag-102m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

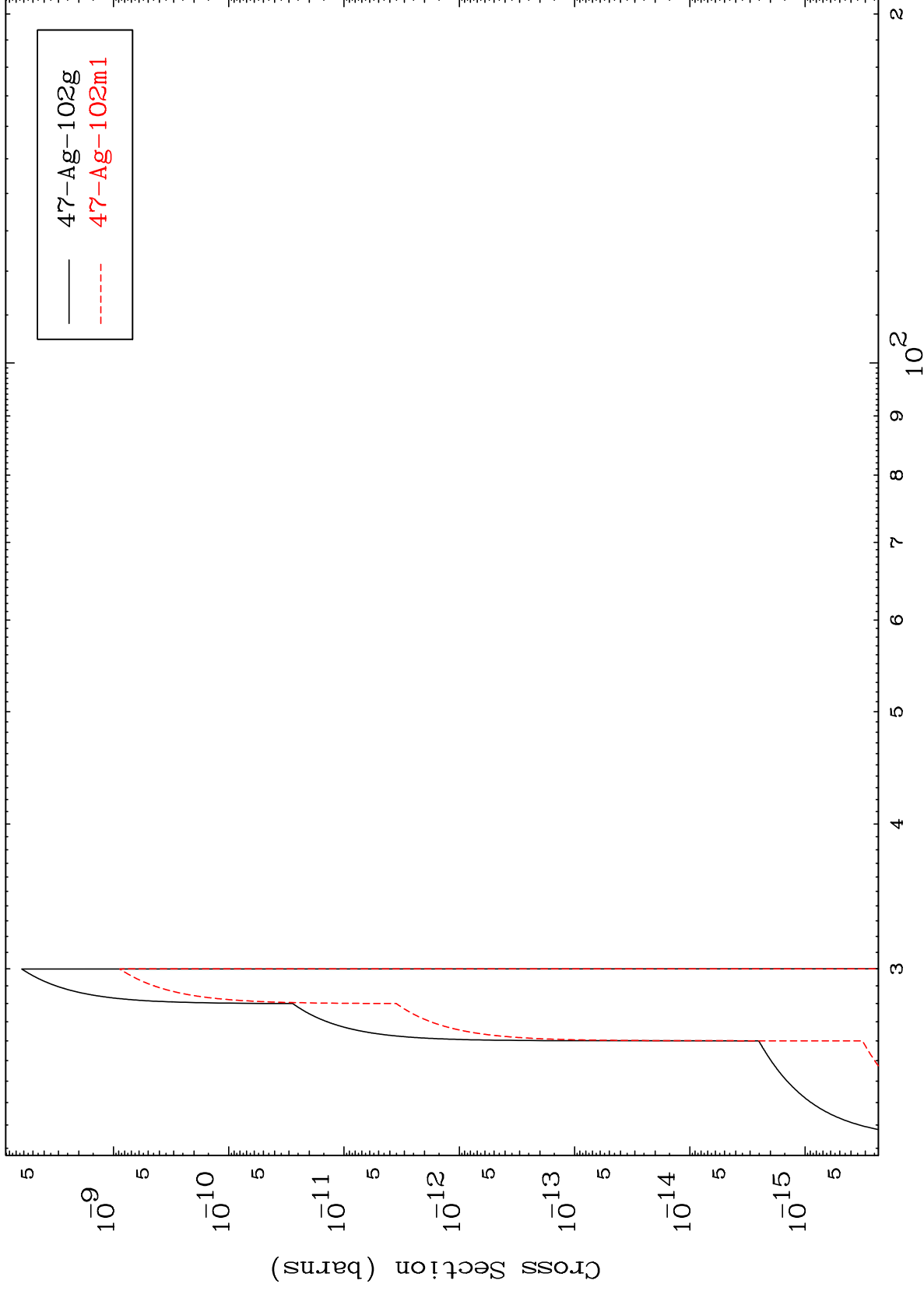
47-Ag-102m

MAT 4711

(n,n') He-3

47-Ag-102m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

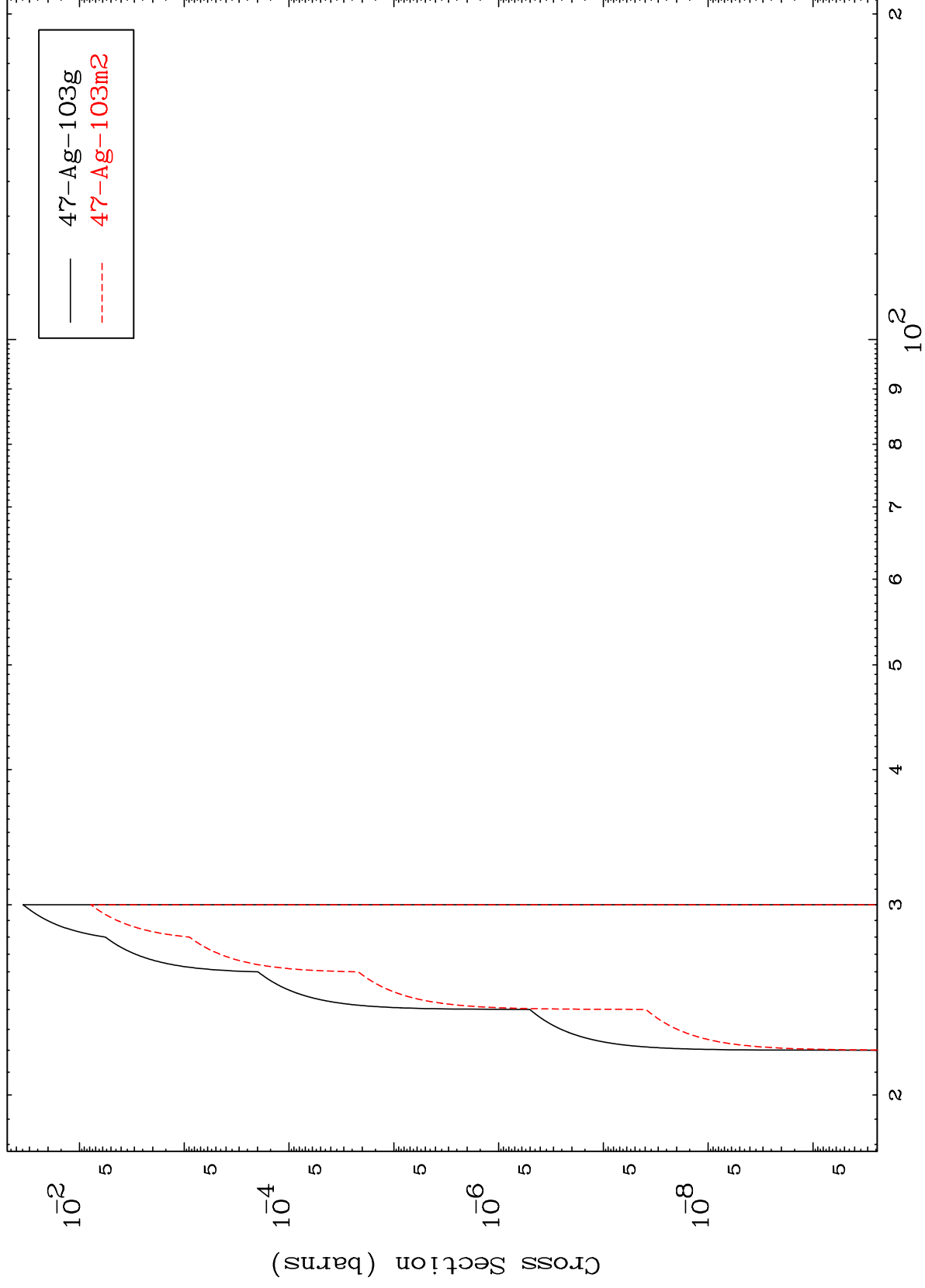
47-Ag-102m

MAT 4711

(n,2n) p

47-Ag-102m

Radionuclide Production Cross Section



18

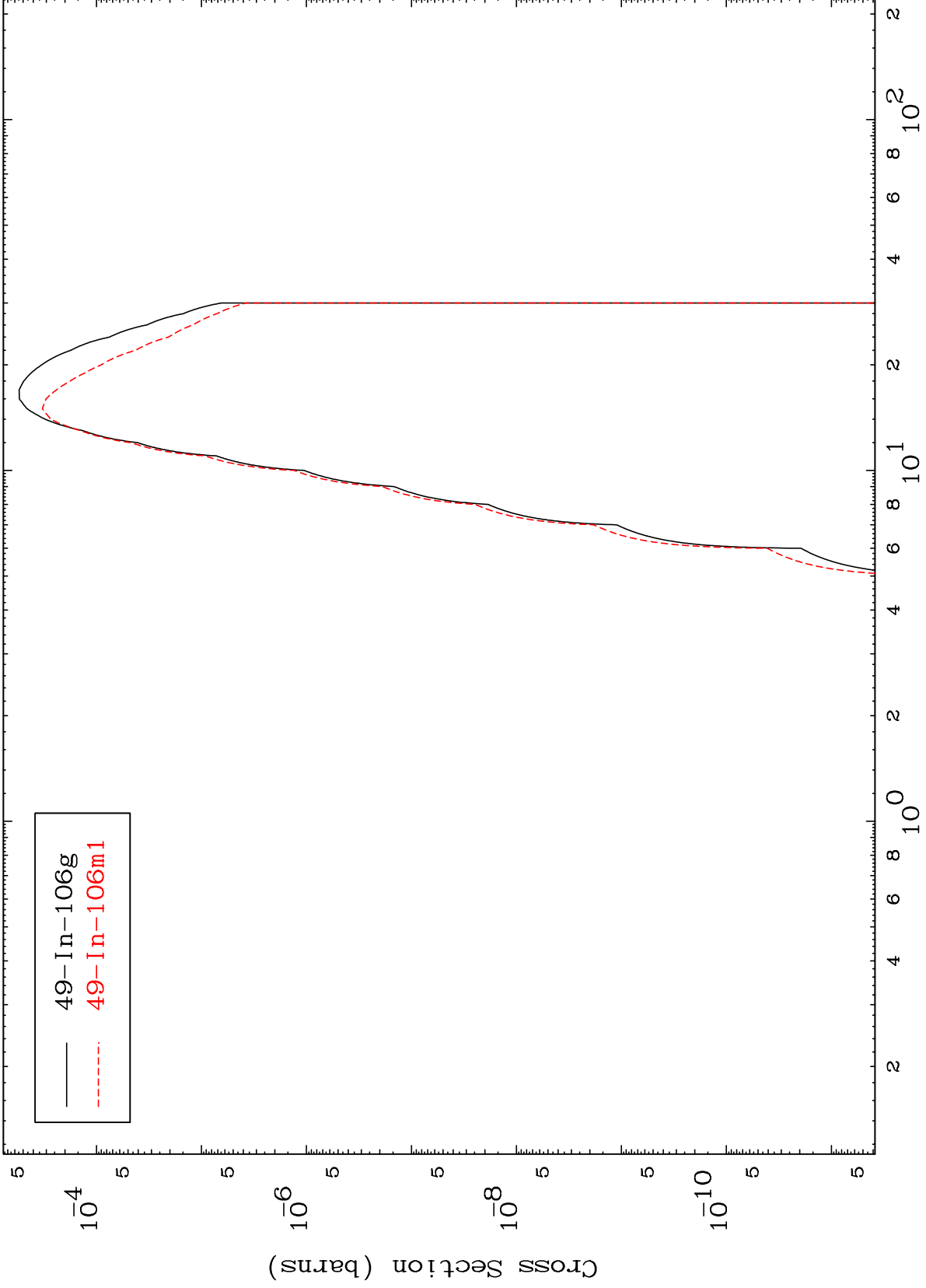
Incident Energy (MeV)

47-Ag-102m

MAT 4711

47-Ag-102m

Radionuclide Production Cross Section
(n, γ)

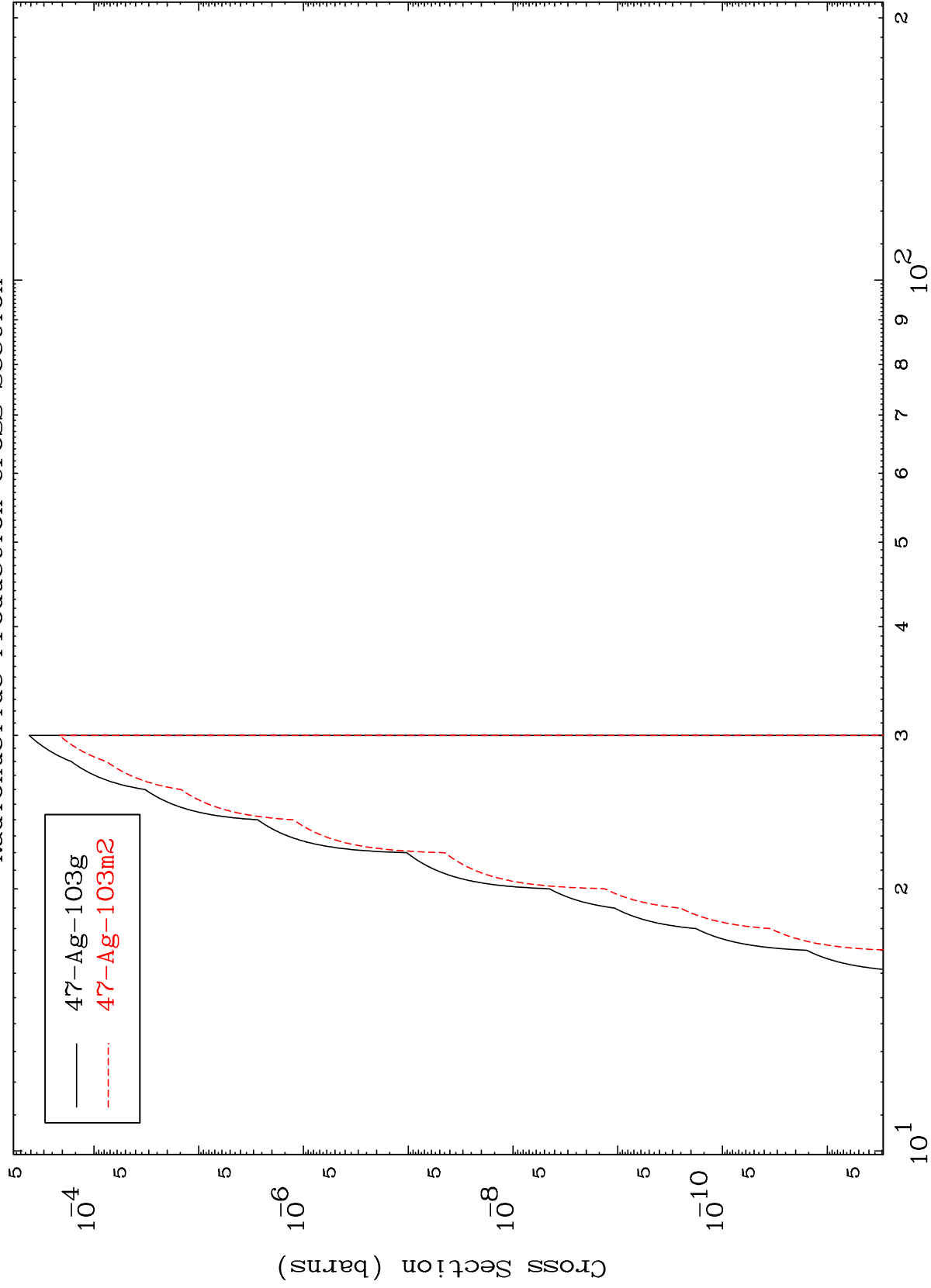


MAT 4711

(n,He-3)

47-Ag-102m

Radionuclide Production Cross Section



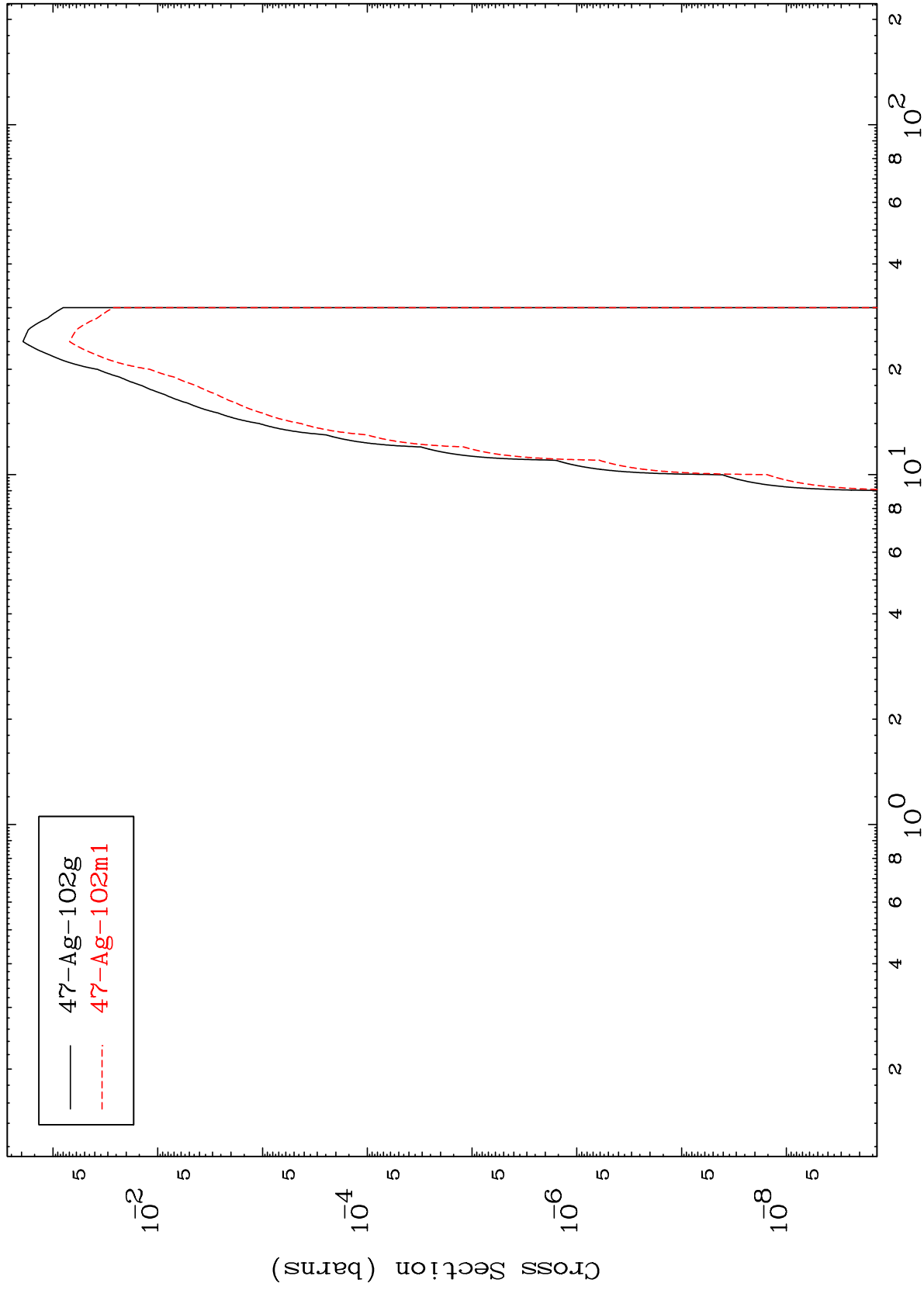
Incident Energy (MeV)

47-Ag-102m

MAT 4711

47-Ag-102m

Radionuclide Production Cross Section

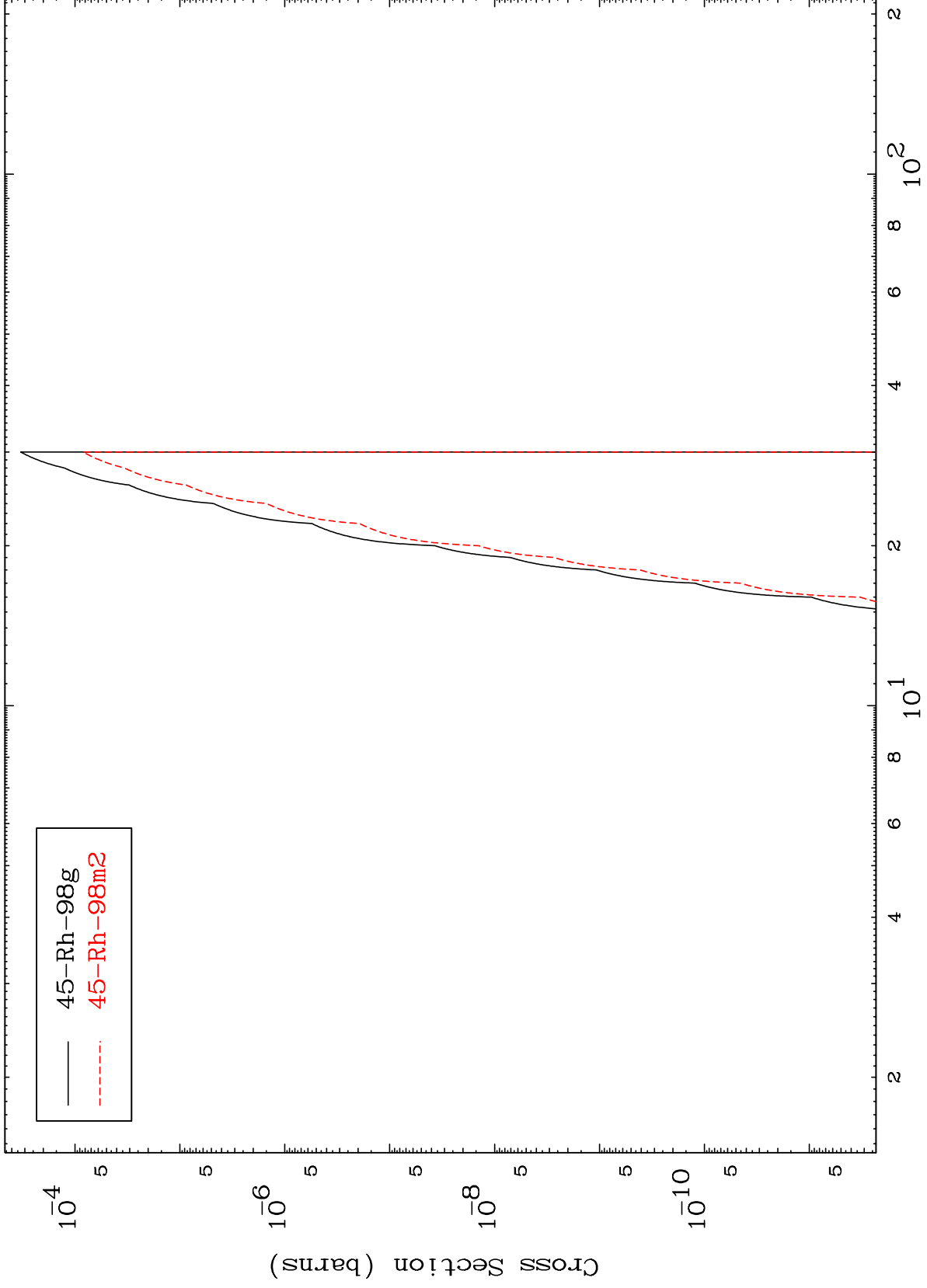


MAT 4711

(n,2α)

47-Ag-102m

Radionuclide Production Cross Section



22

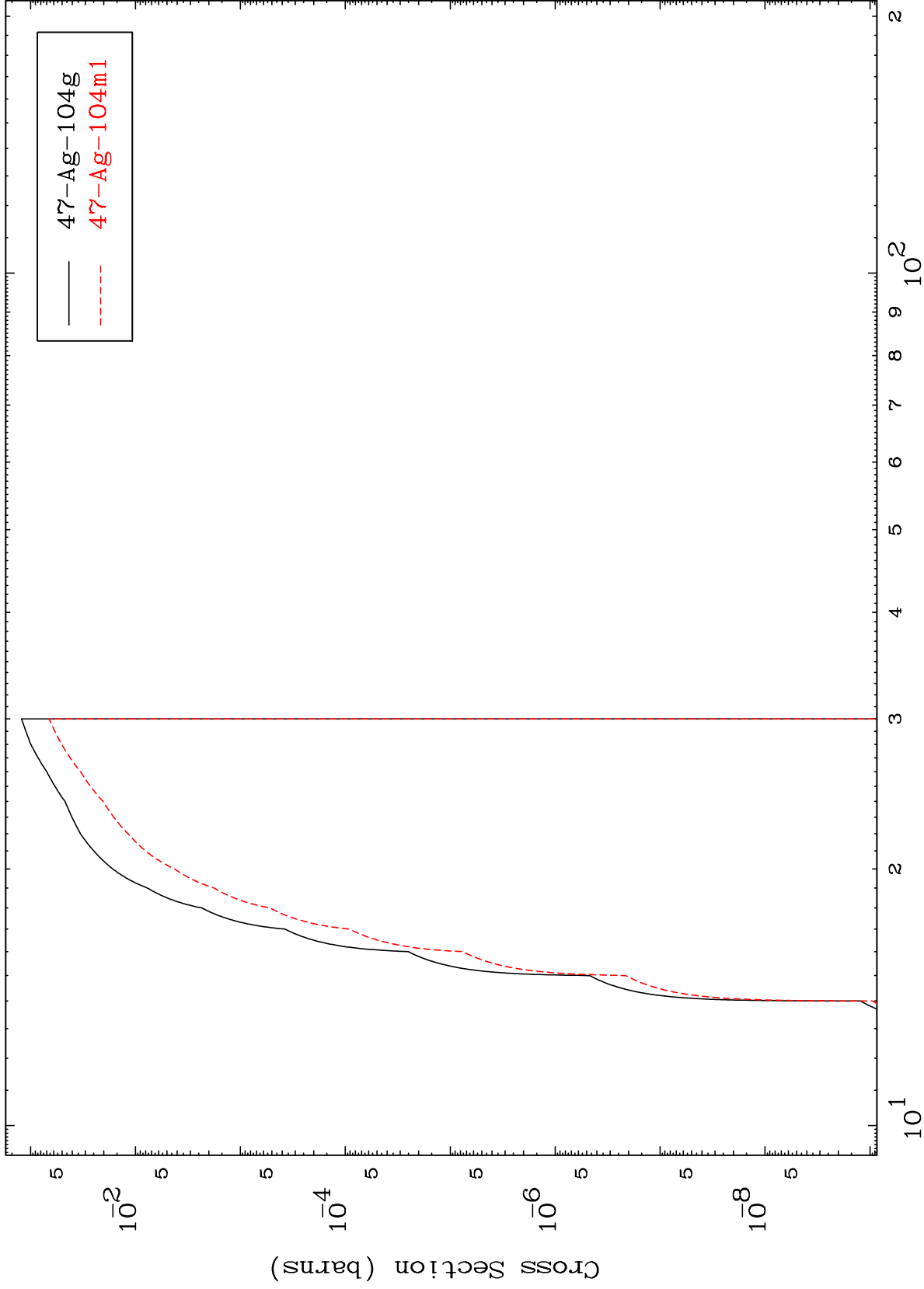
Incident Energy (MeV)

47-Ag-102m

MAT 4711

47-Ag-102m

(n,2p)
Radionuclide Production Cross Section



47-Ag-102m

Incident Energy (MeV)

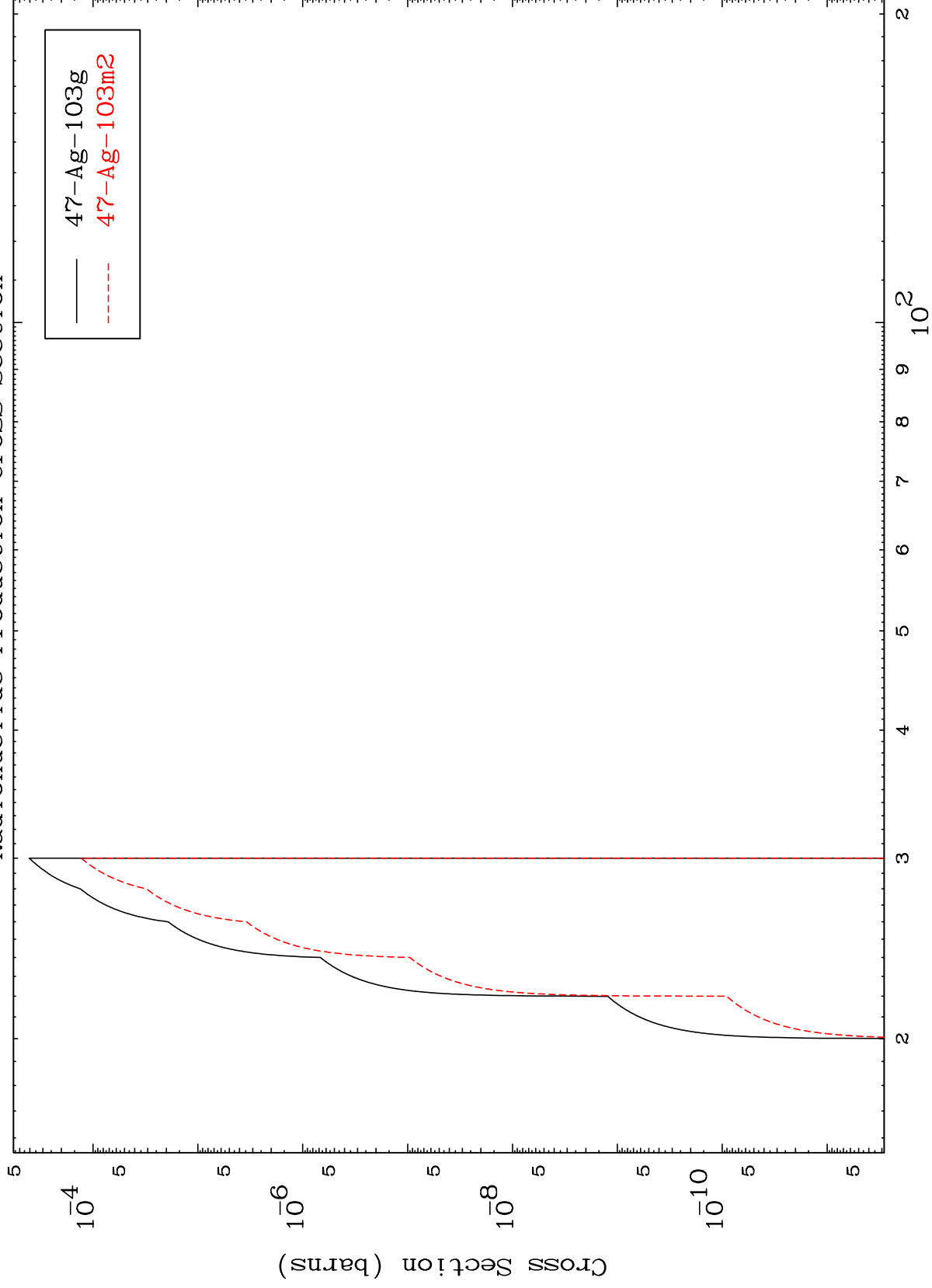
23

MAT 4711

(n,p) d

47-Ag-102m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

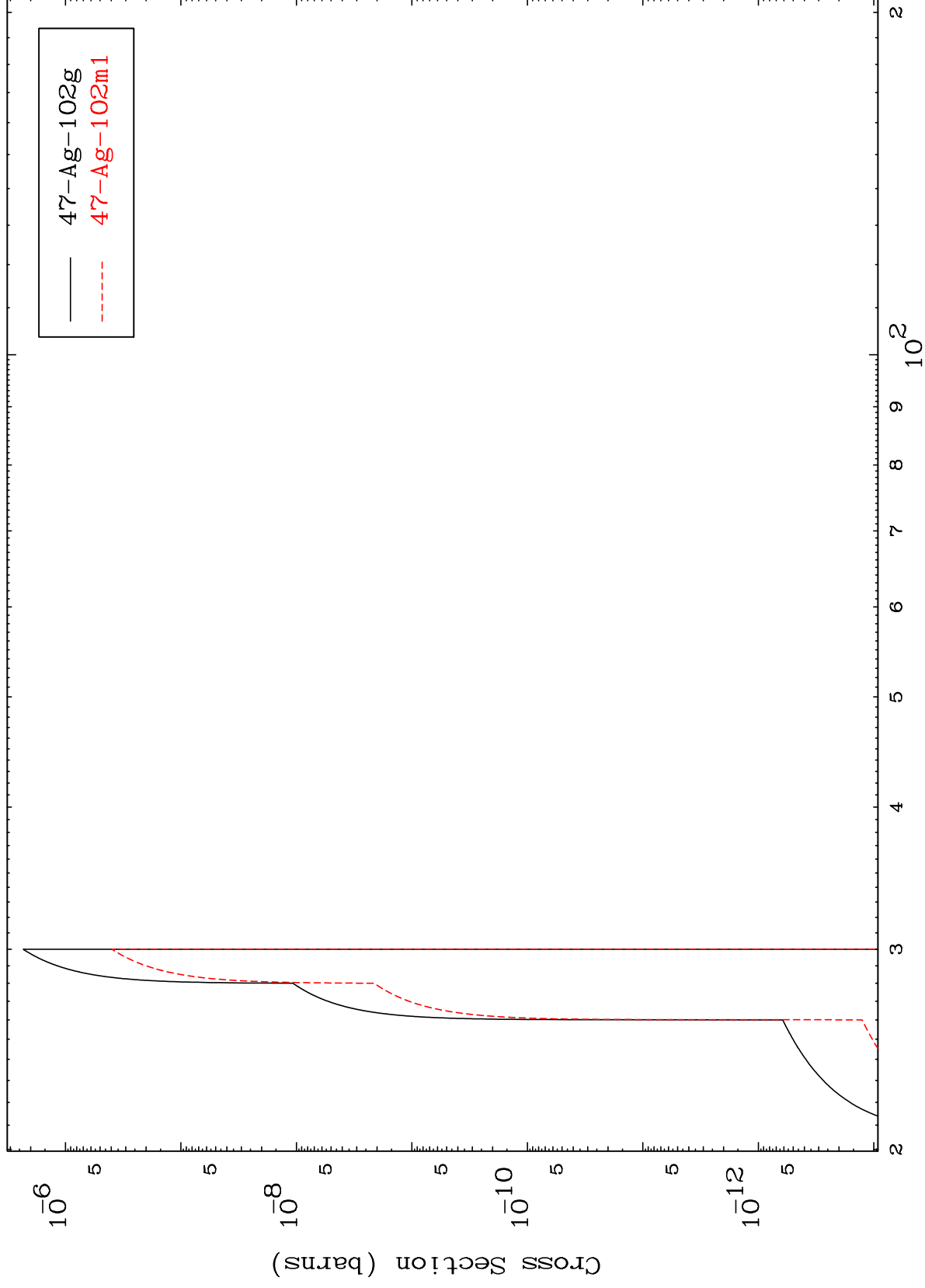
47-Ag-102m

MAT 4711

(n,p) t

47-Ag-102m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

47-Ag-102m