

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

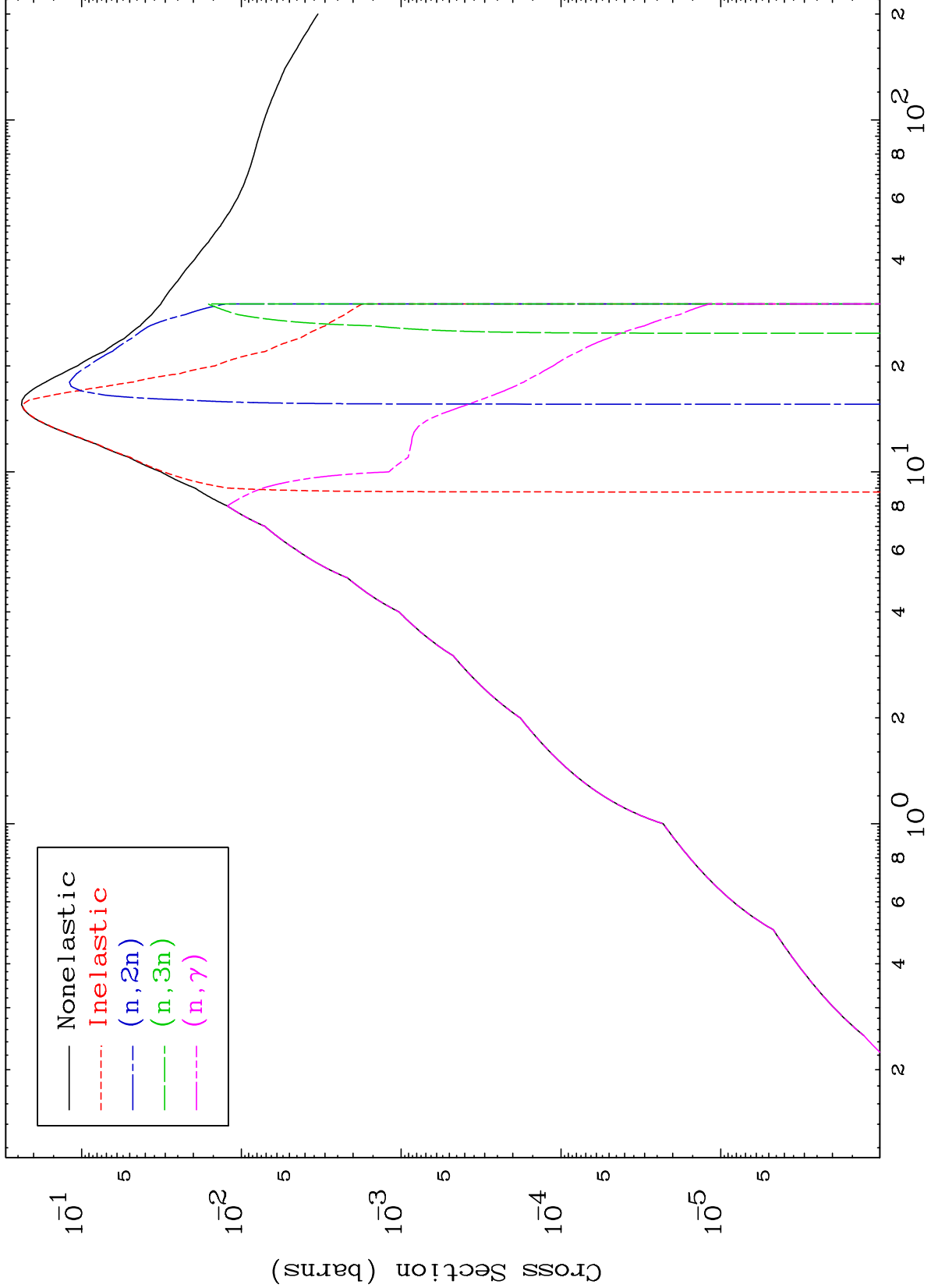
Press Mouse Button to Start

MAT 4738

Photon Major

47-Ag-111m

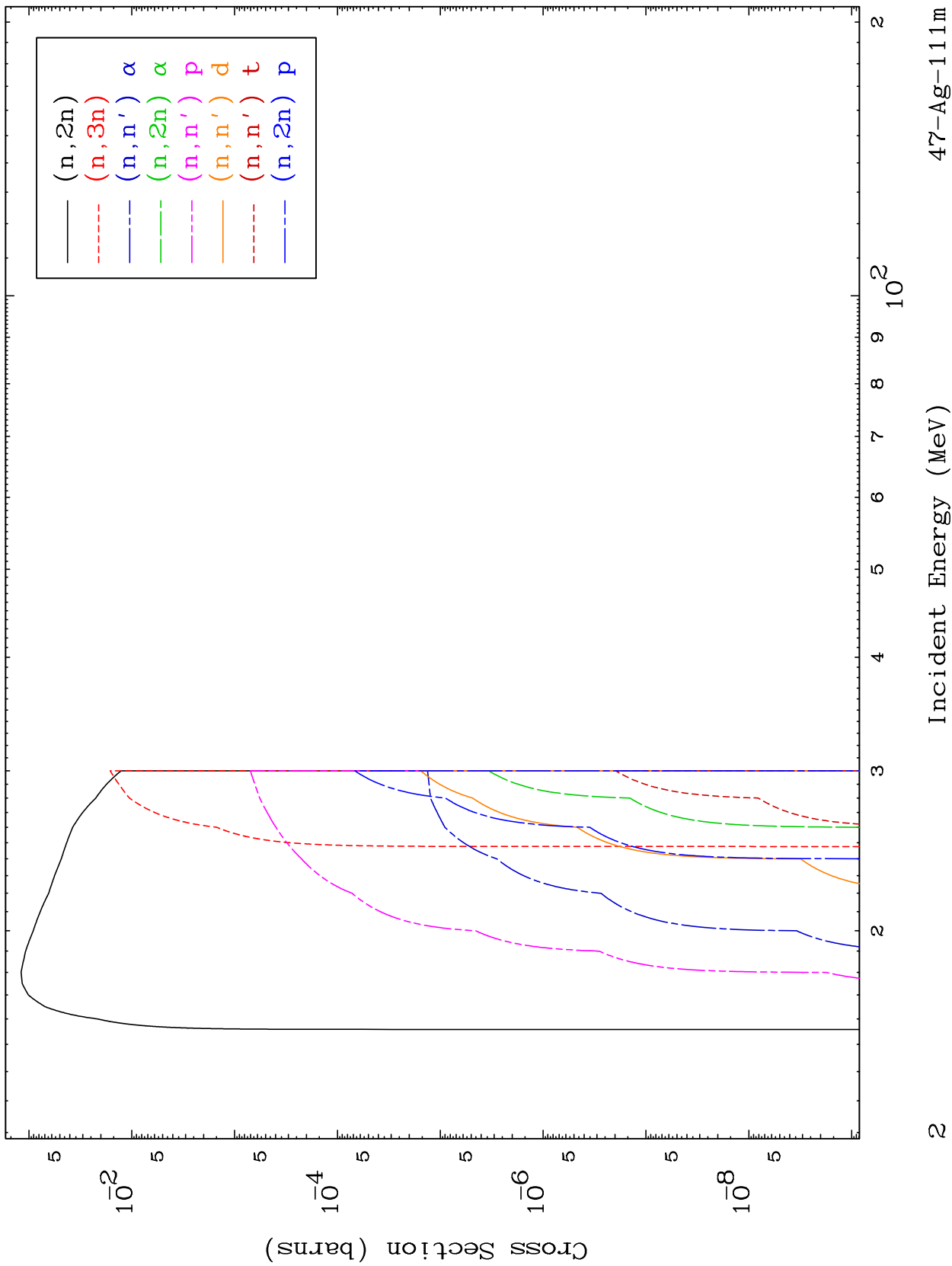
0 Kelvin Cross Sections



MAT 4738

Photon Neutron Absorption
0 Kelvin Cross Sections

47-Ag-111m



2

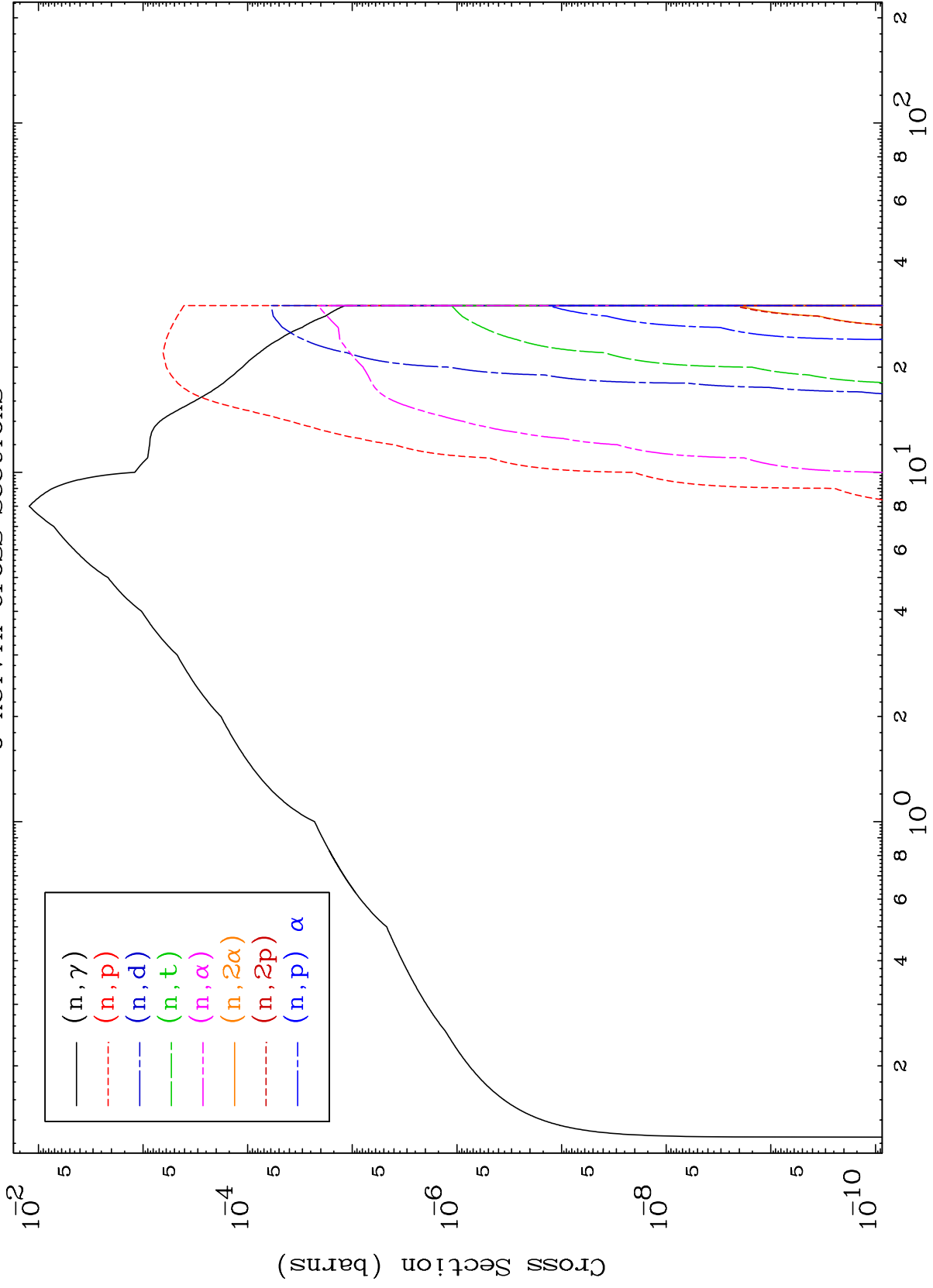
Incident Energy (MeV)

47-Ag-111m

MAT 4738

Photon Neutron Absorption
0 Kelvin Cross Sections

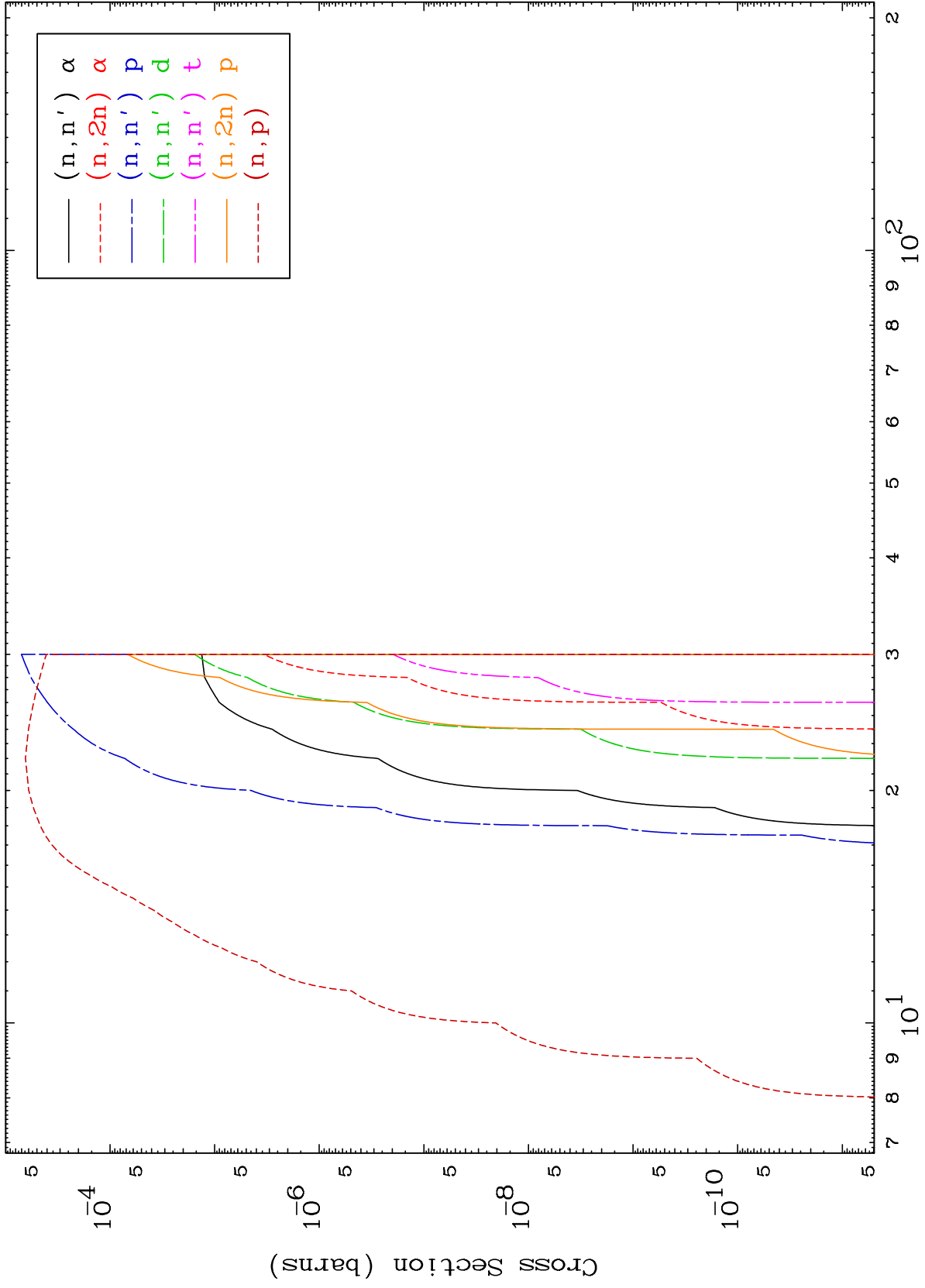
47-Ag-111m



MAT 4738

Photon Charged Particle
0 Kelvin Cross Sections

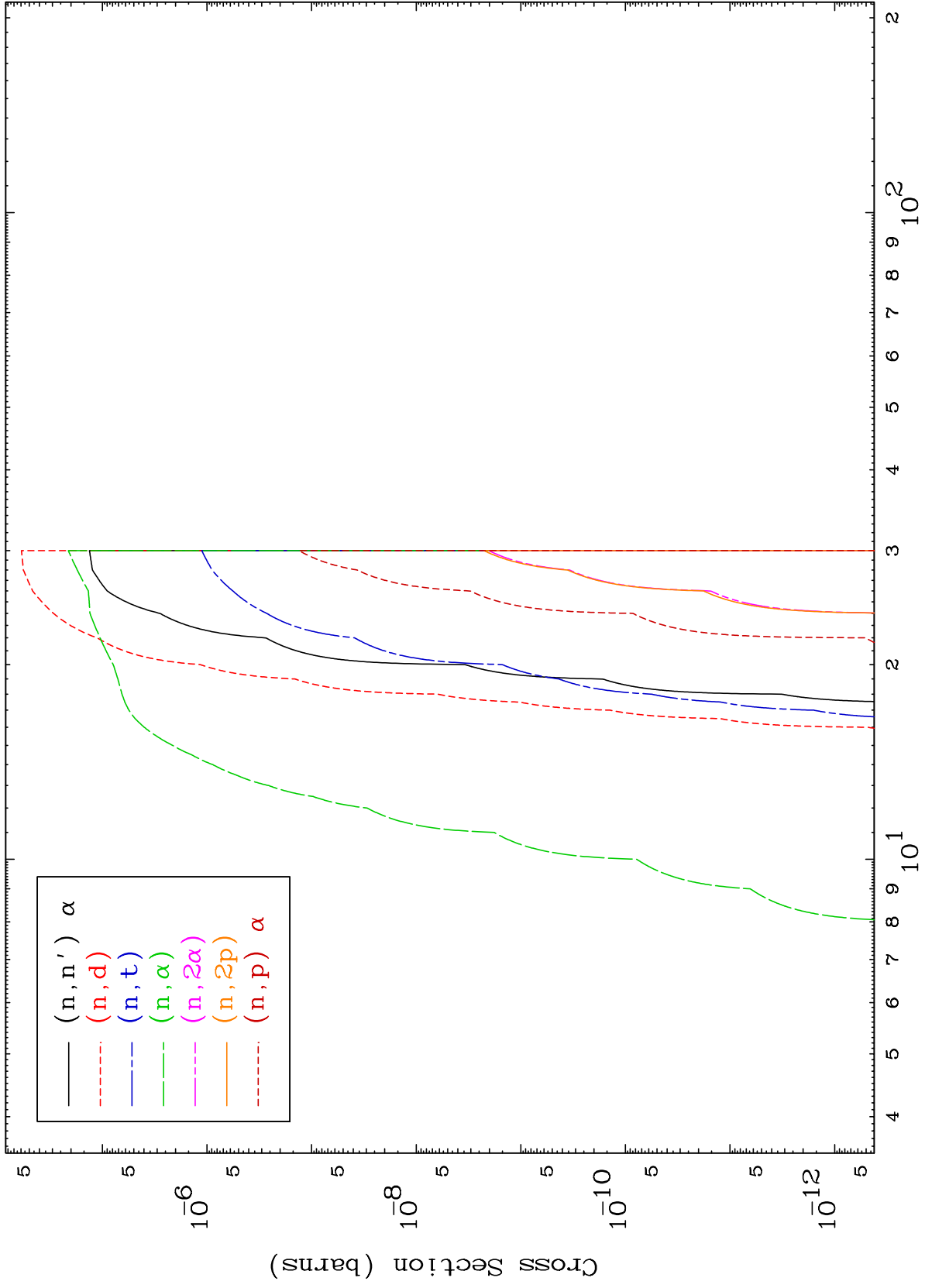
47-Ag-111m



47-Ag-111m

Incident Energy (MeV)

4

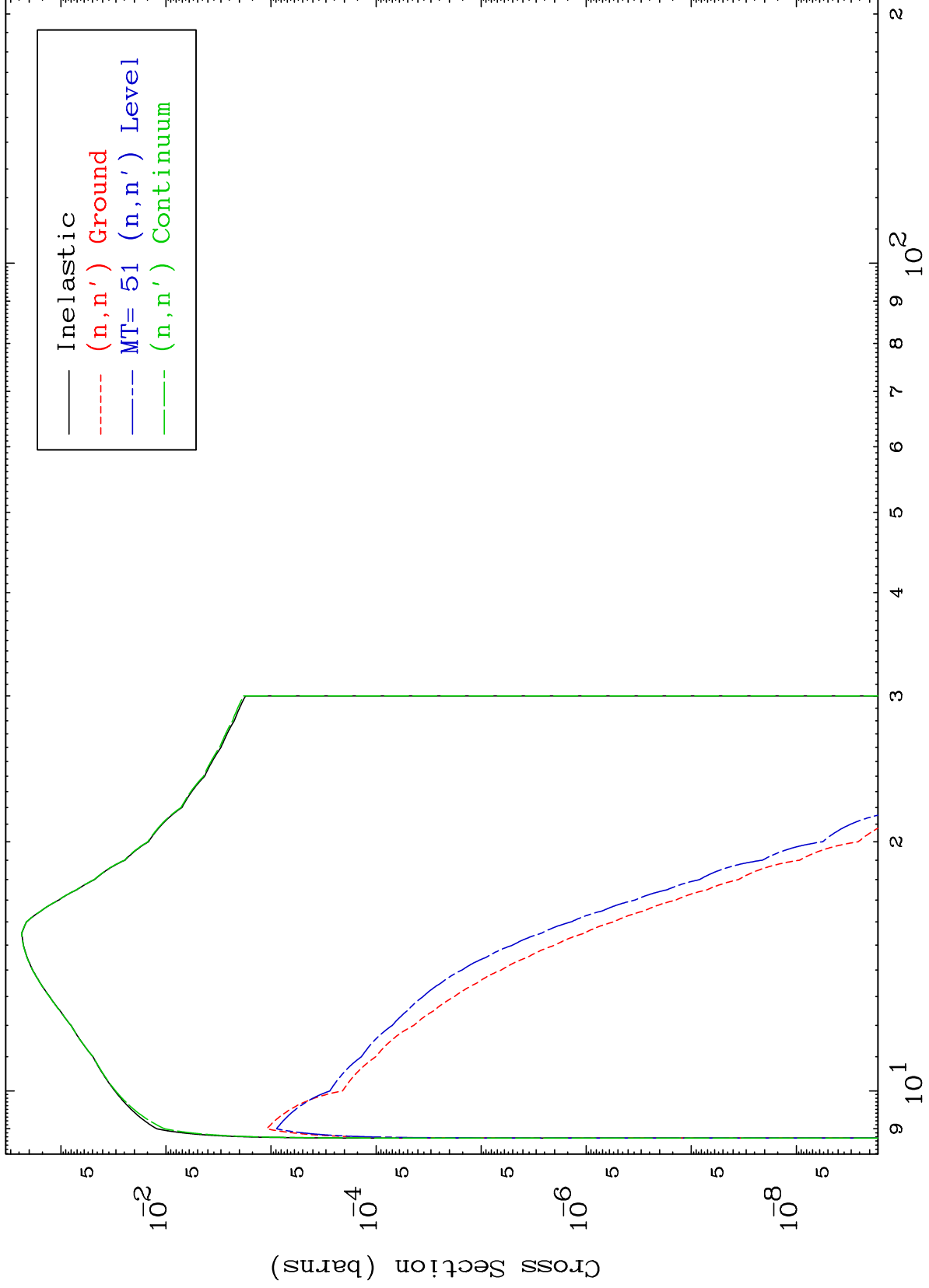


MAT 4738

(γ, n') Levels

47-Ag-111m

0 Kelvin Cross Sections



Incident Energy (MeV)

47-Ag-111m

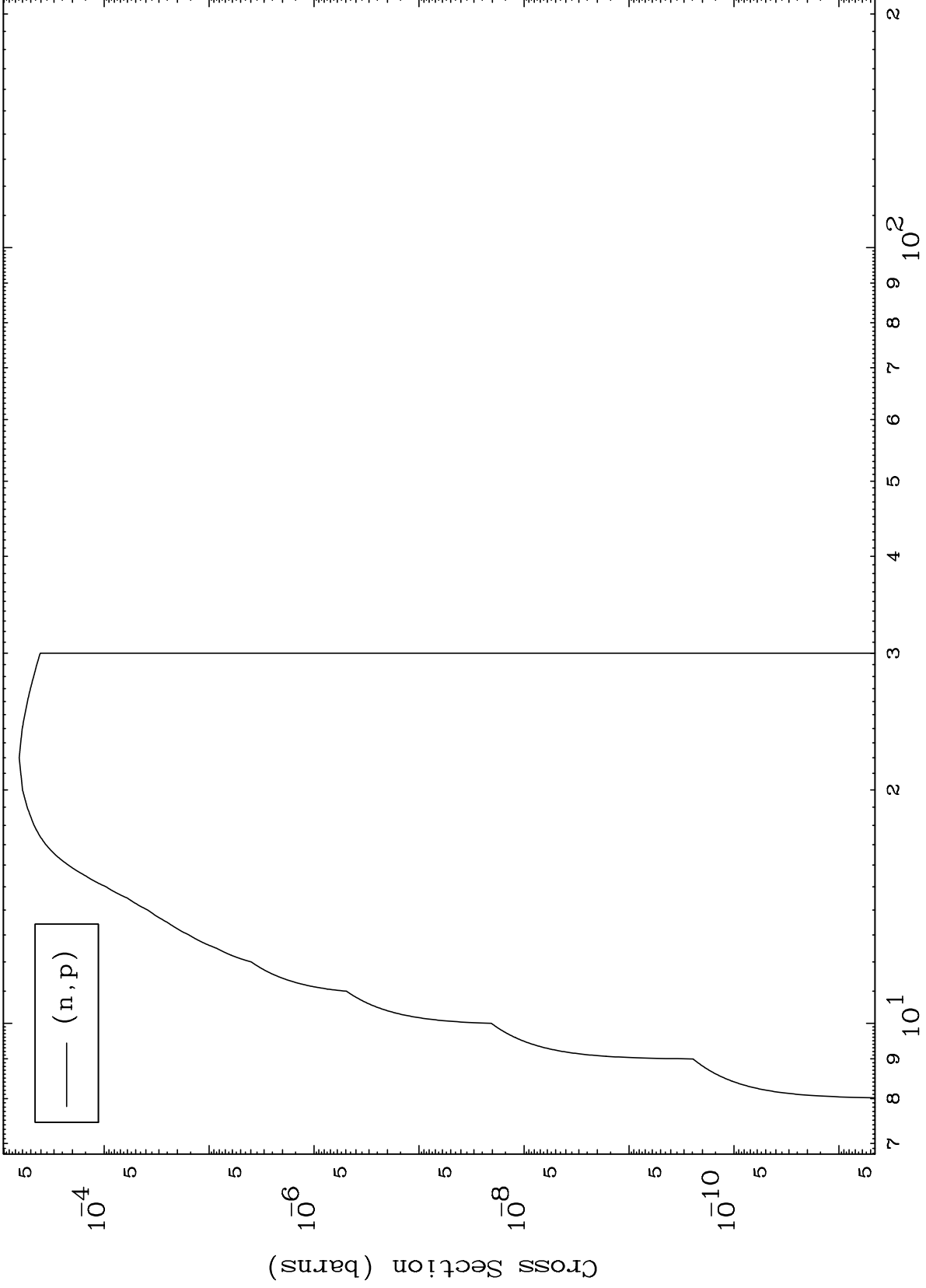
6

MAT 4738

(γ, p) Levels

47-Ag-111m

0 Kelvin Cross Sections



7

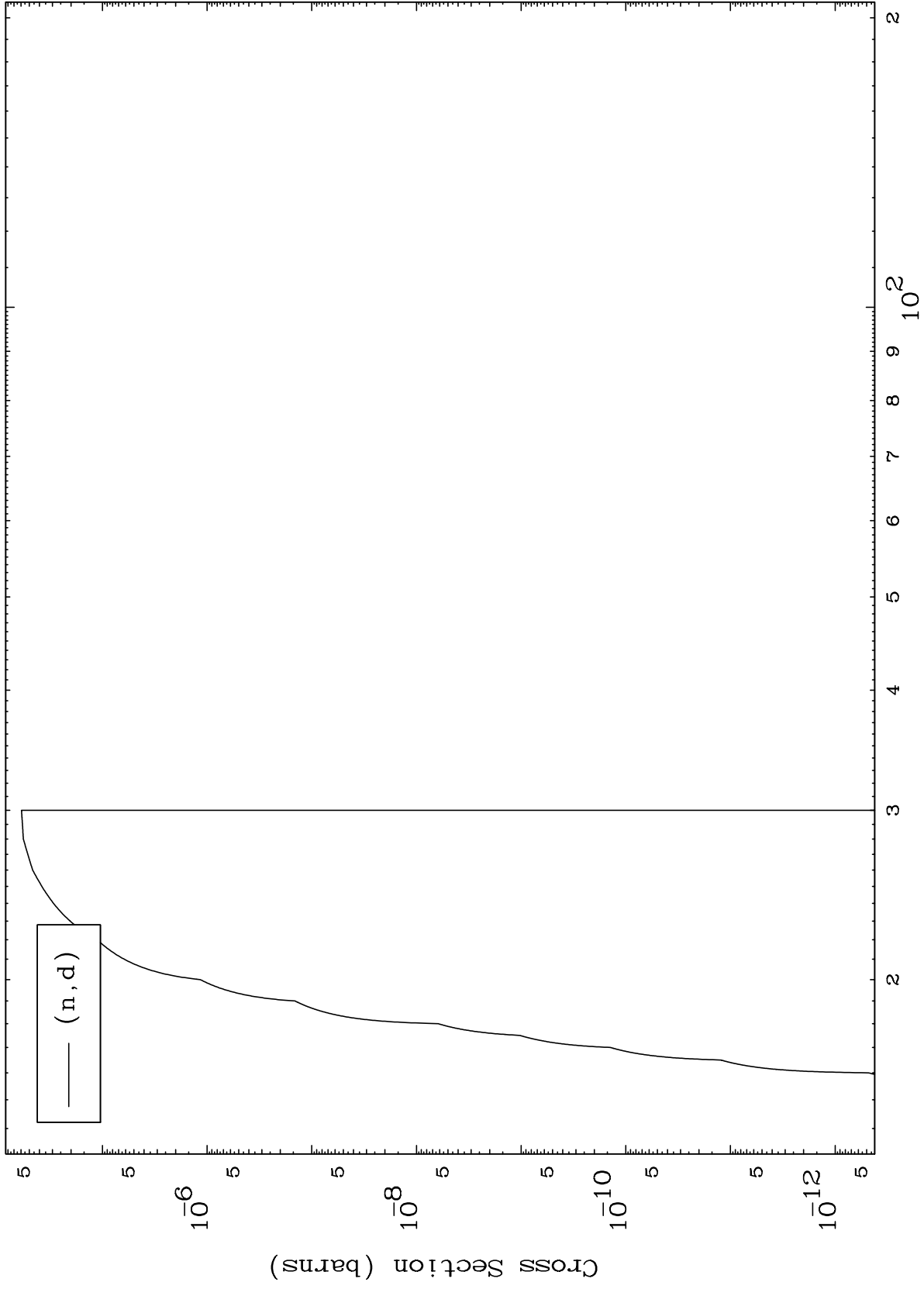
Incident Energy (MeV)

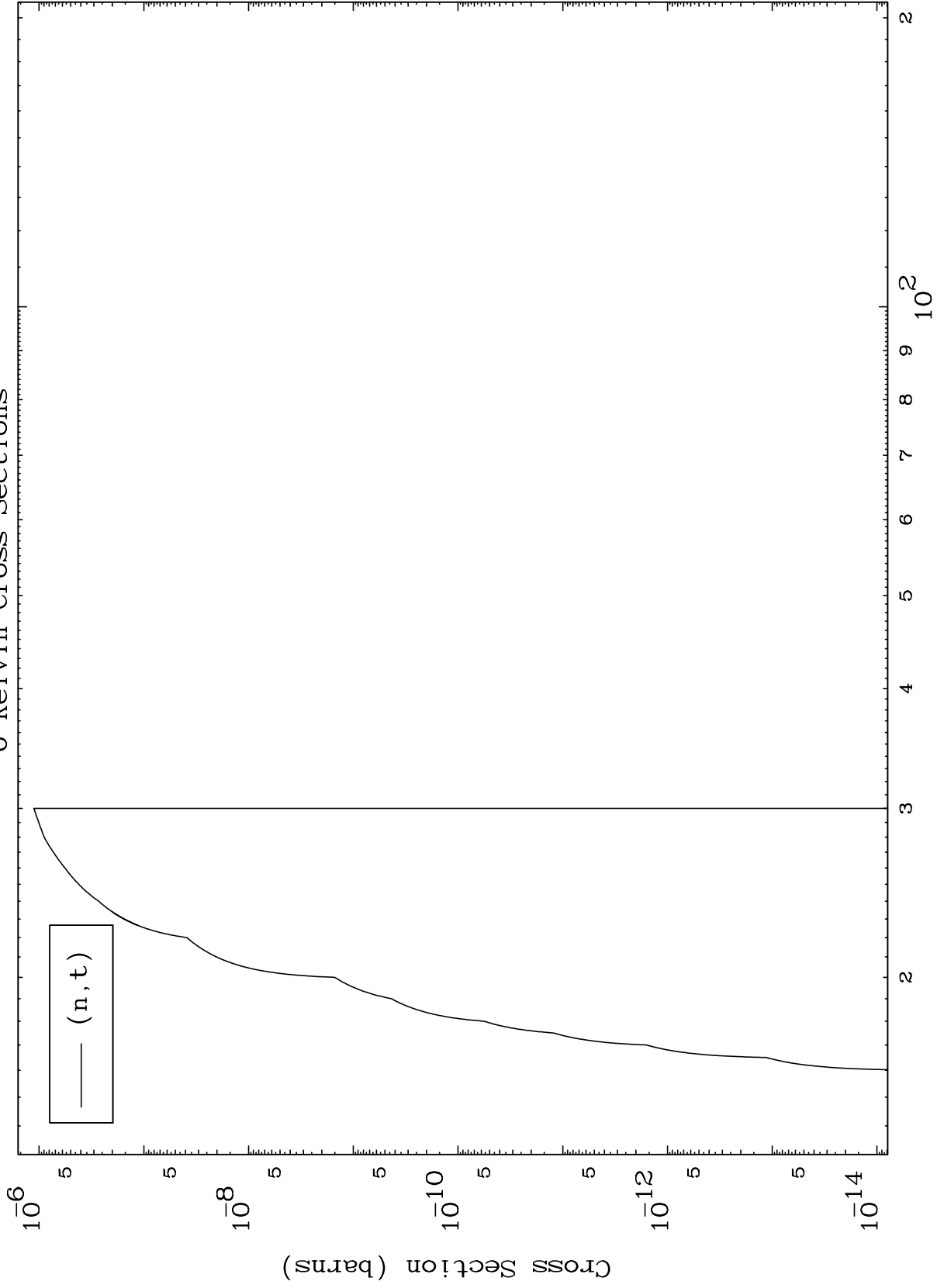
47-Ag-111m

MAT 4738

(γ, d) Levels
0 Kelvin Cross Sections

47-Ag-111m



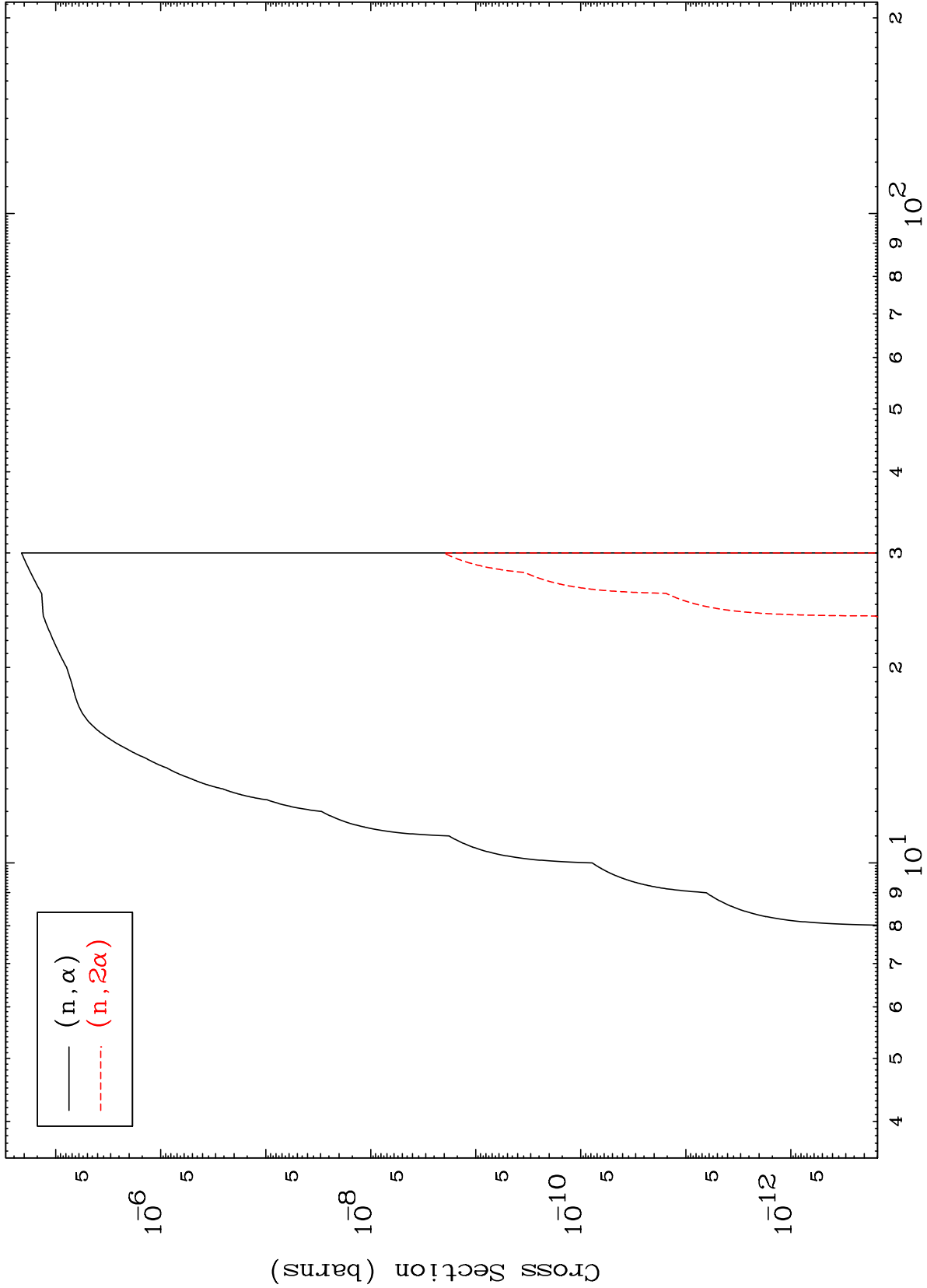


MAT 4738

(γ, α) Levels

47-Ag-111m

0 Kelvin Cross Sections



10

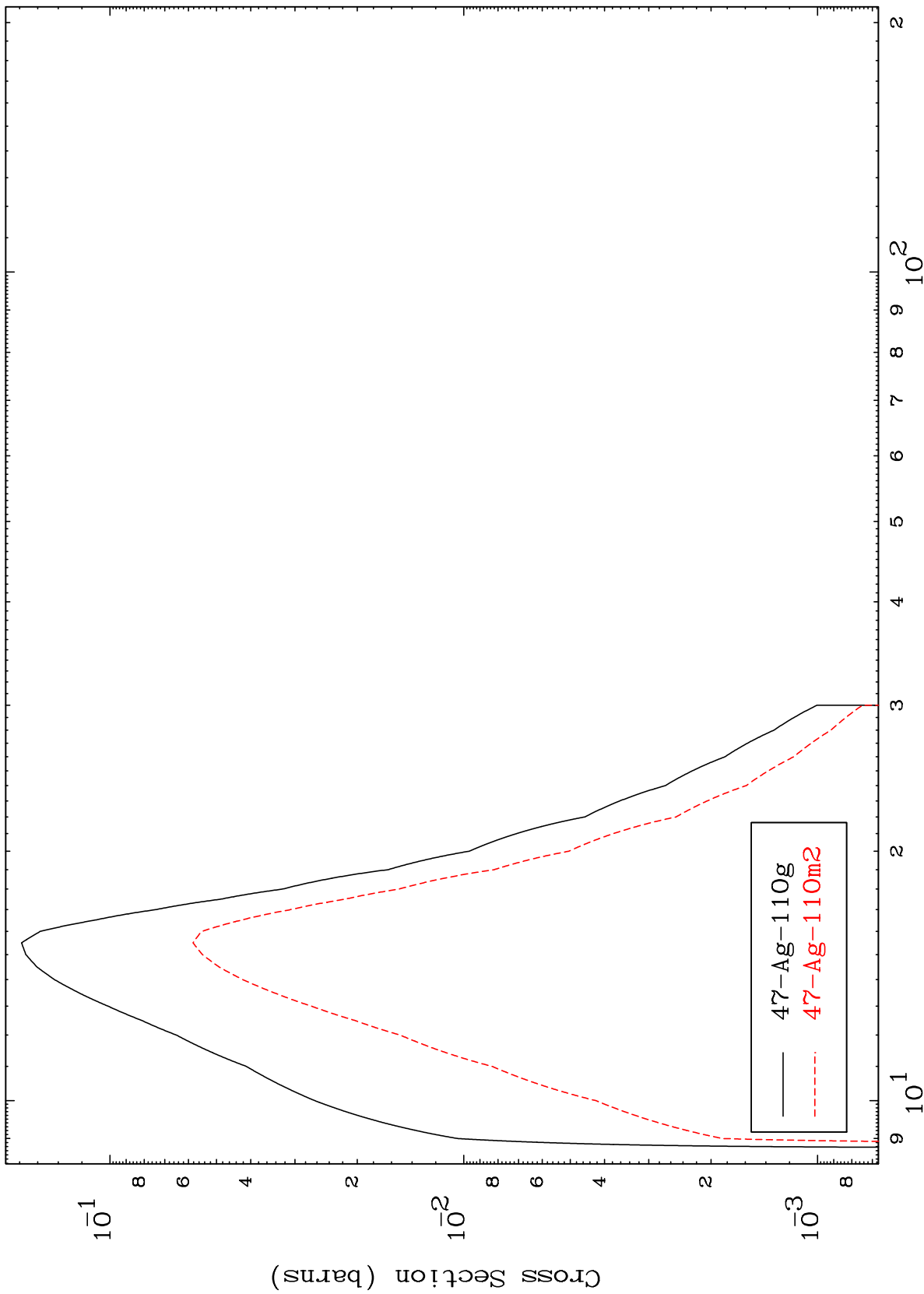
Incident Energy (MeV)

47-Ag-111m

MAT 4738

47-Ag-111m

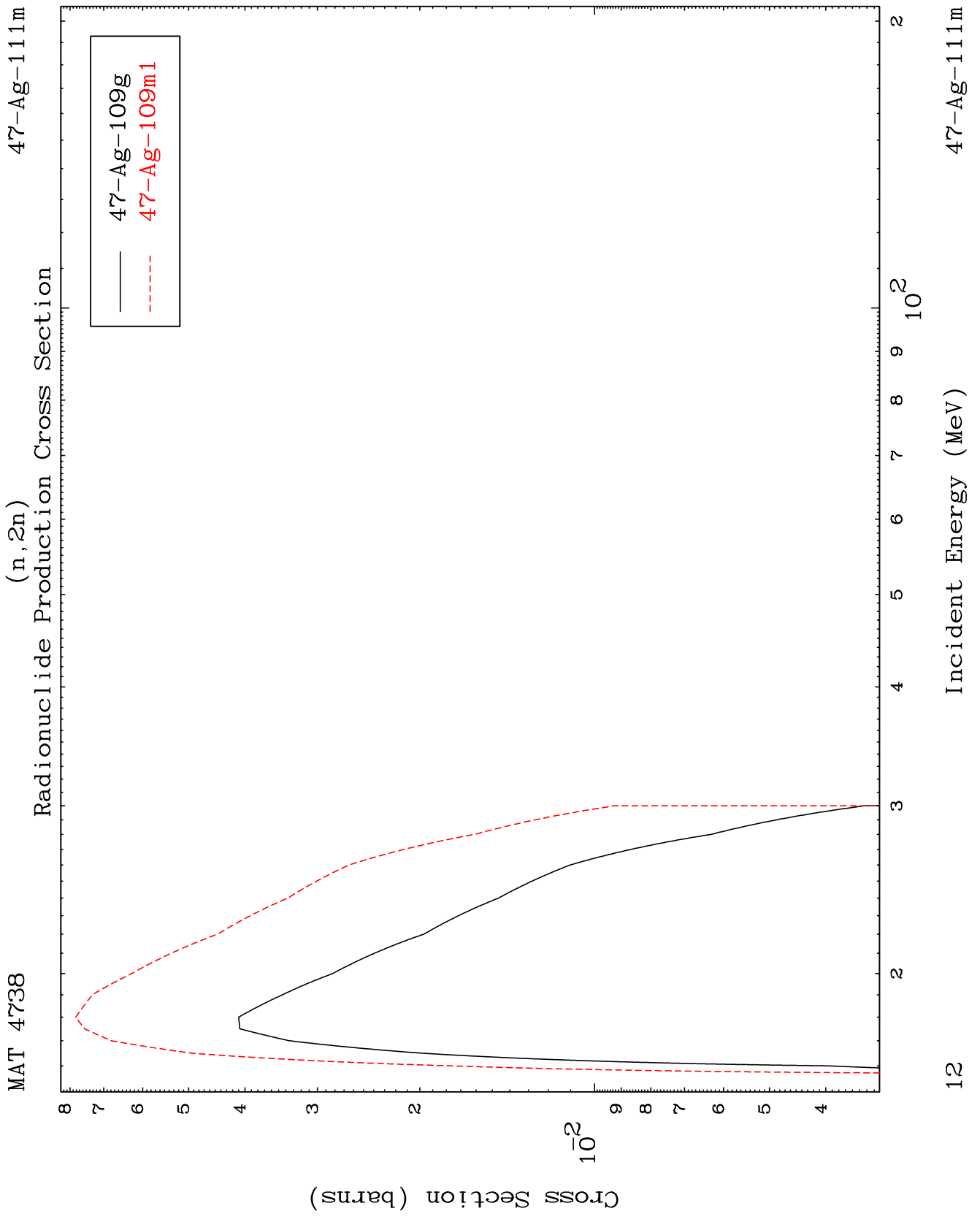
Inelastic
Radionuclide Production Cross Section



47-Ag-111m

Incident Energy (MeV)

11



Cross Section (barns)

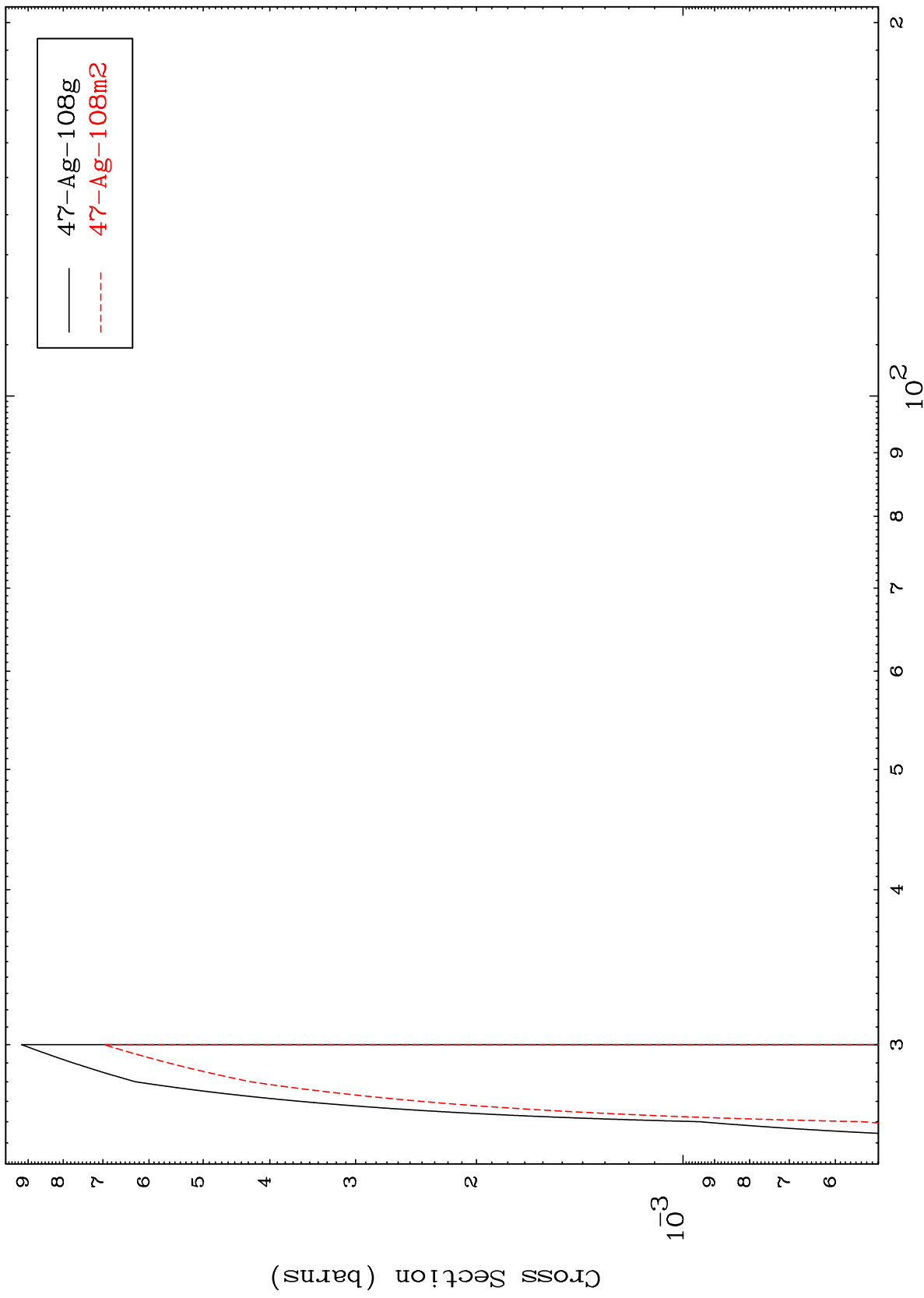
10^{-2}

10^2

MAT 4738

47-Ag-111m

(n,3n)
Radionuclide Production Cross Section



13

47-Ag-111m

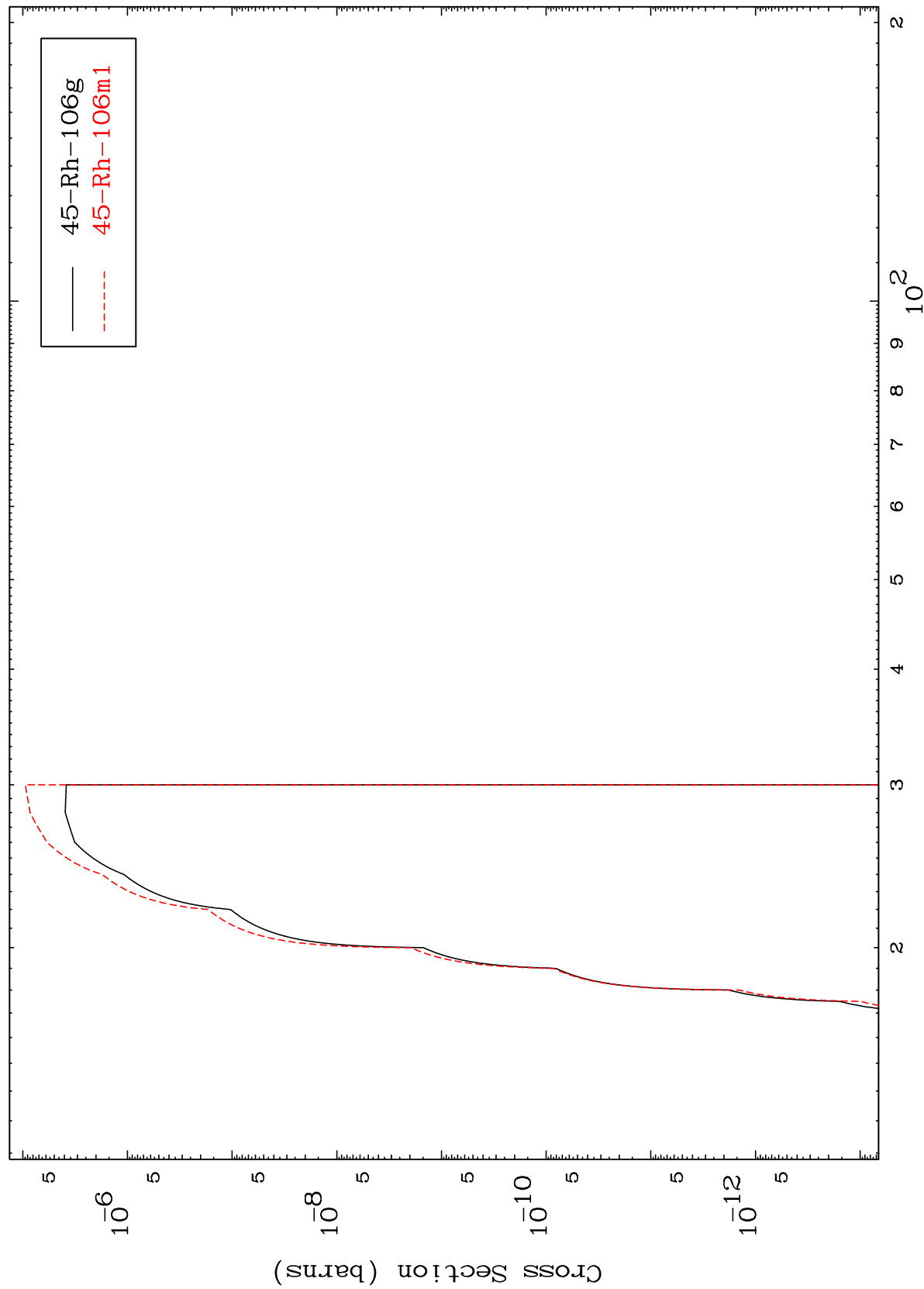
Incident Energy (MeV)

MAT 4738

$(n, n') \alpha$

47-Ag-111m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

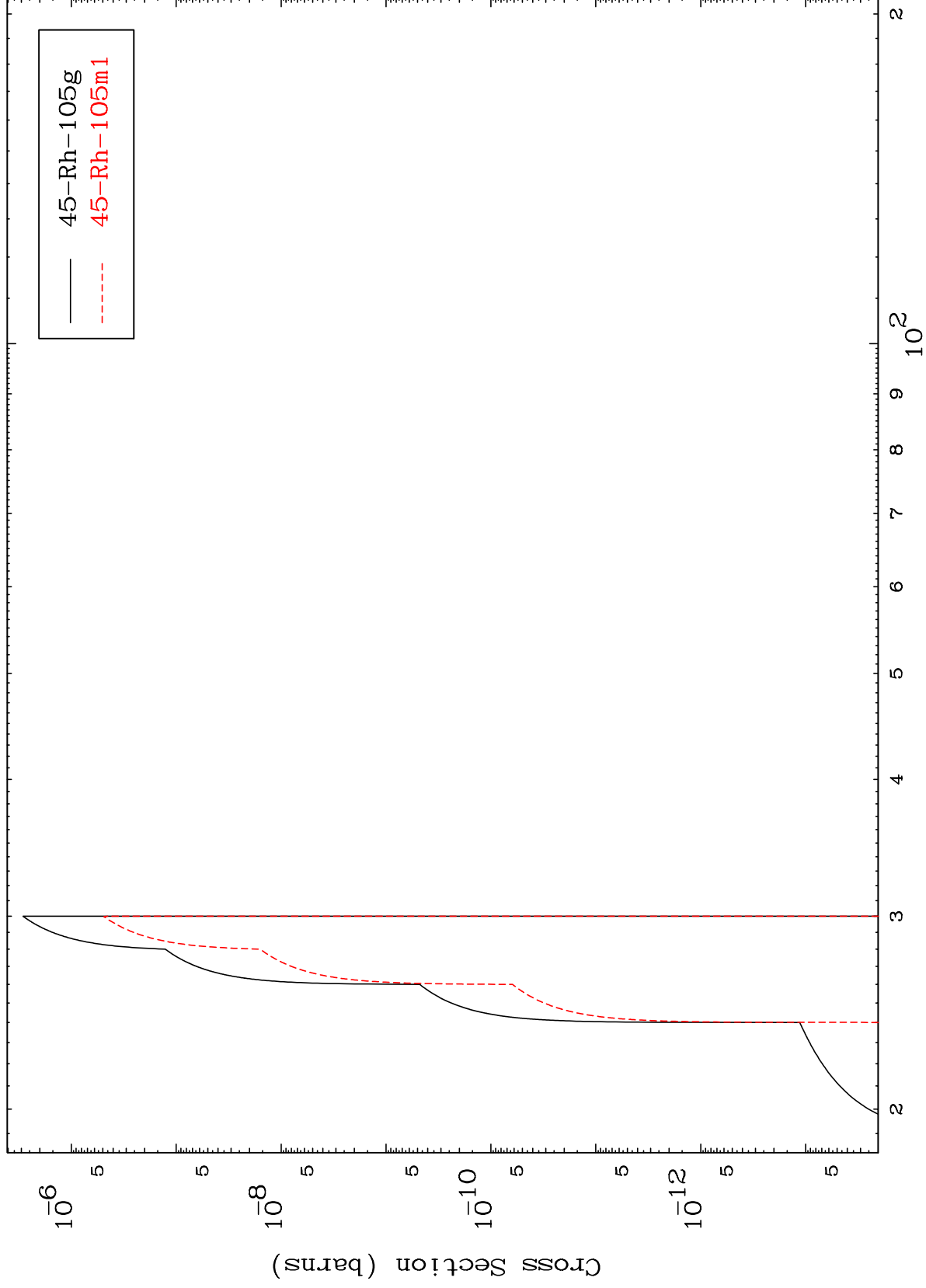
47-Ag-111m

MAT 4738

(n,2n) α

47-Ag-111m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

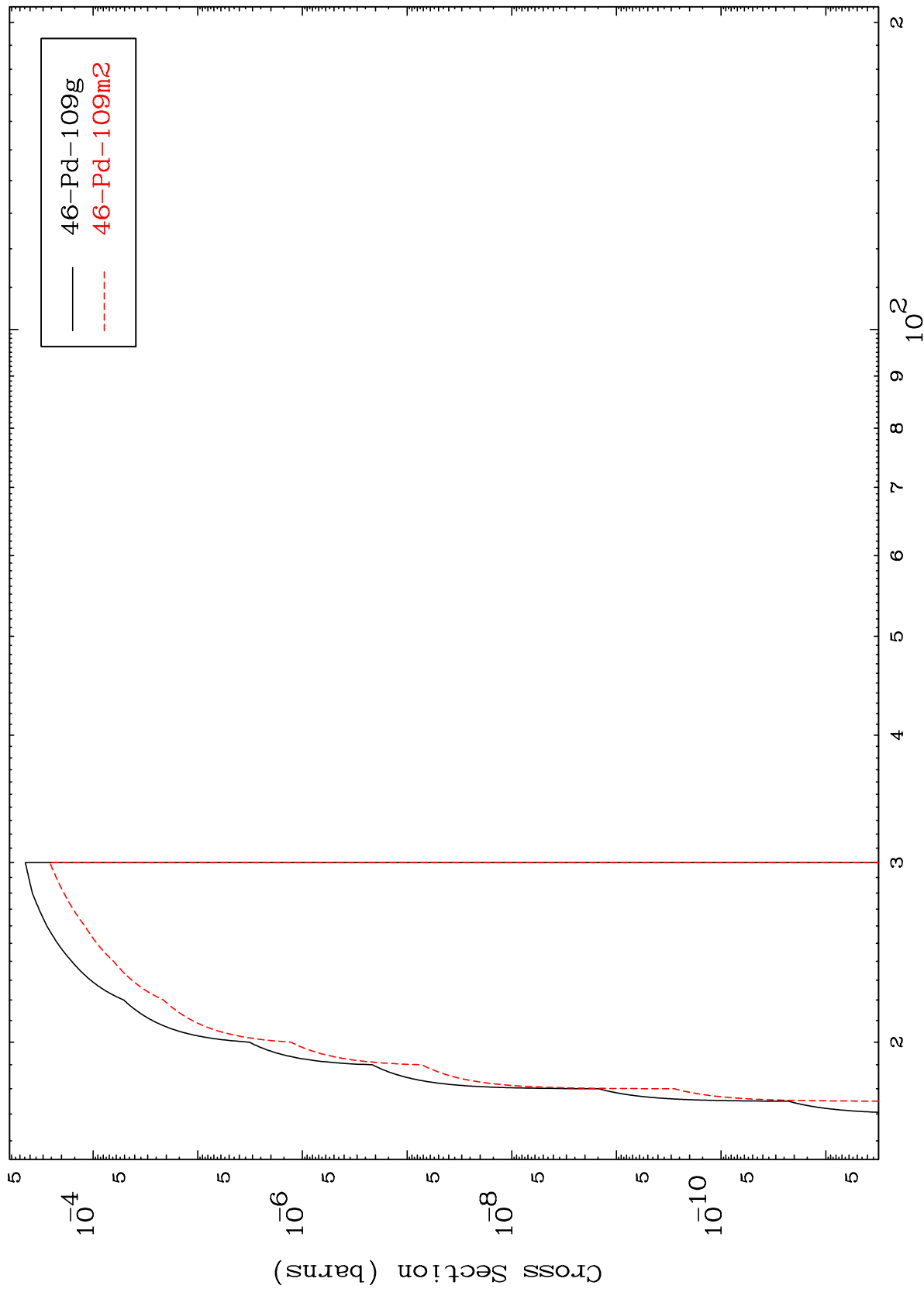
47-Ag-111m

MAT 4738

(n,n') p

47-Ag-111m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

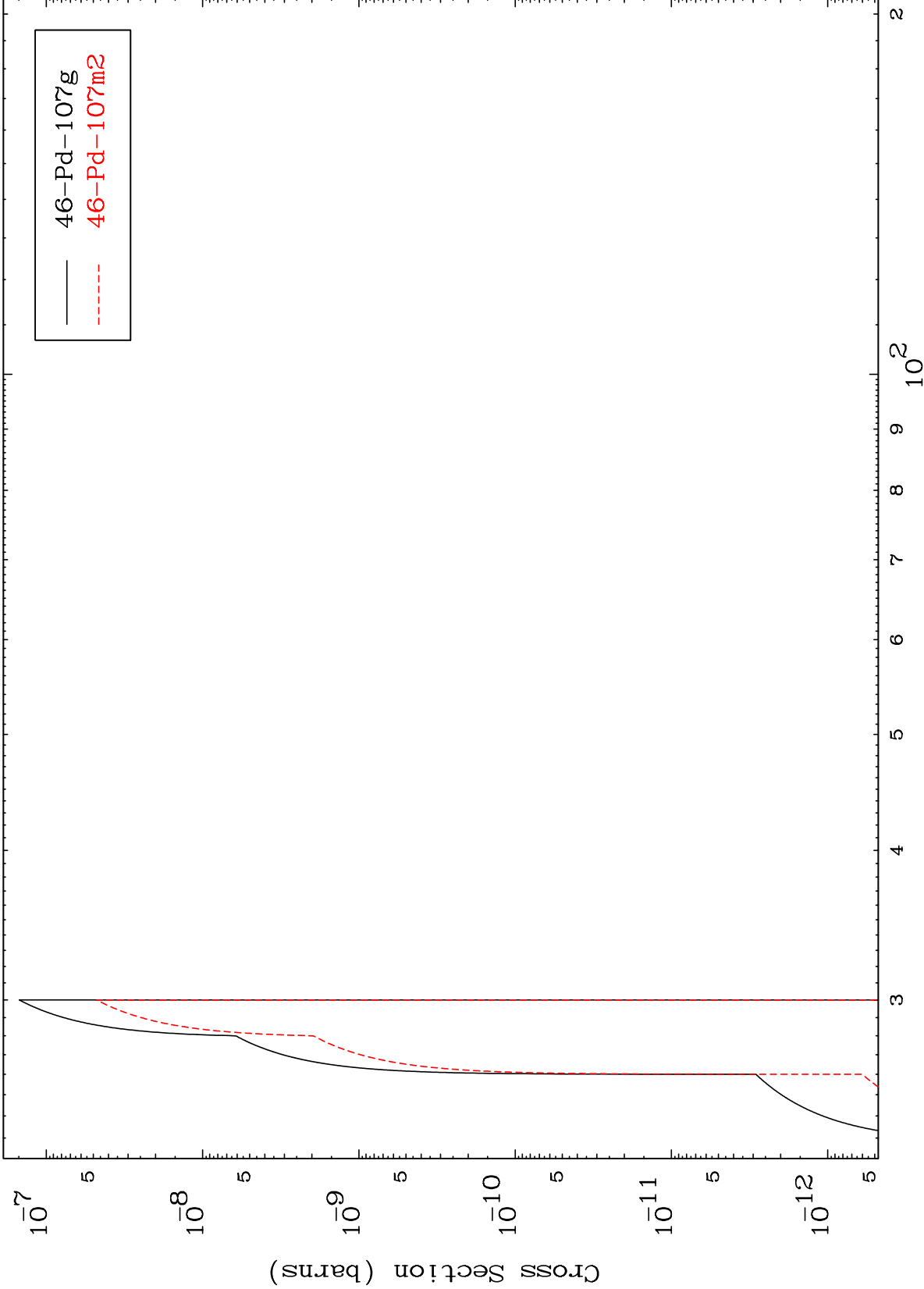
47-Ag-111m

MAT 4738

(n,n') t

47-Ag-111m

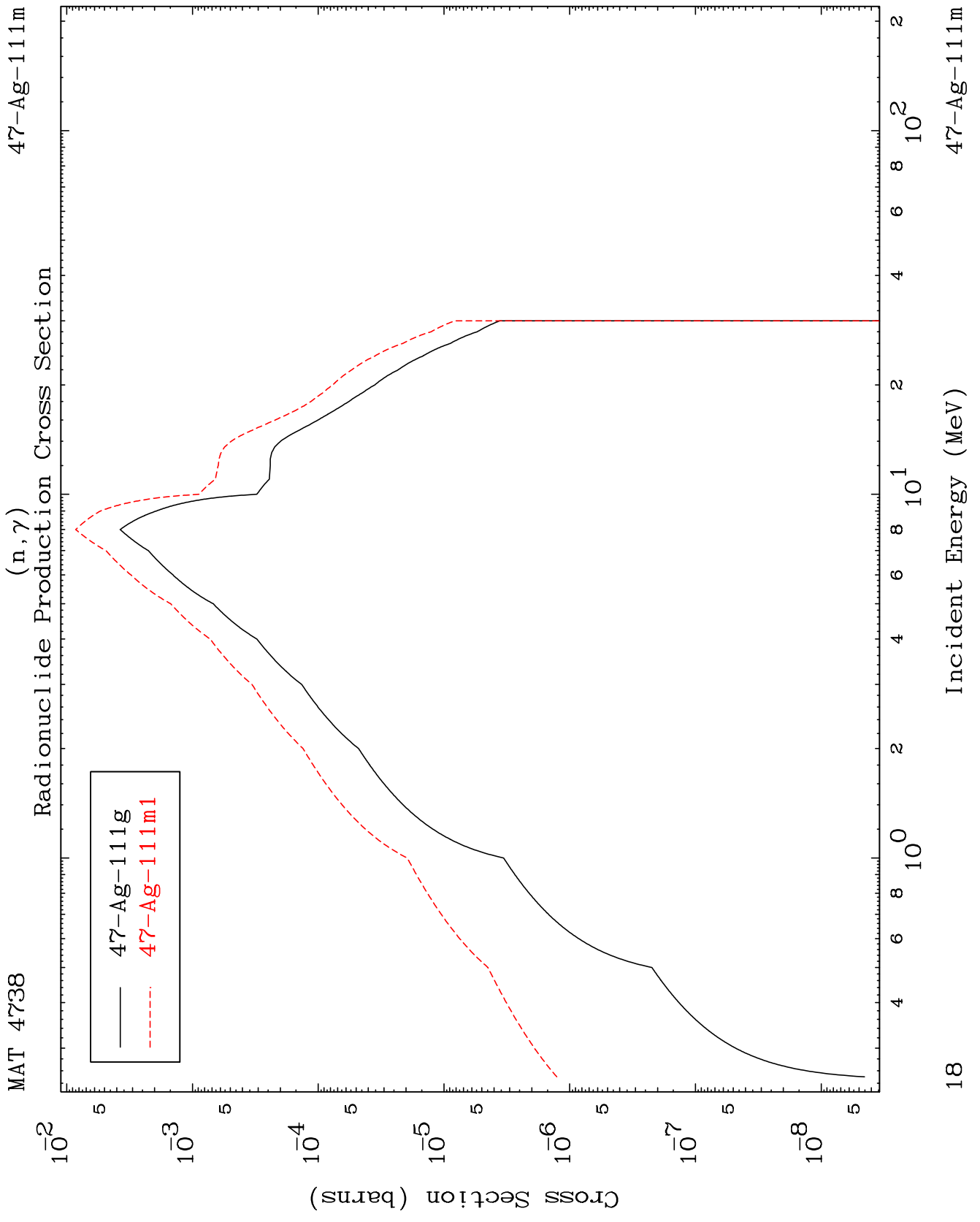
Radionuclide Production Cross Section



17

Incident Energy (MeV)

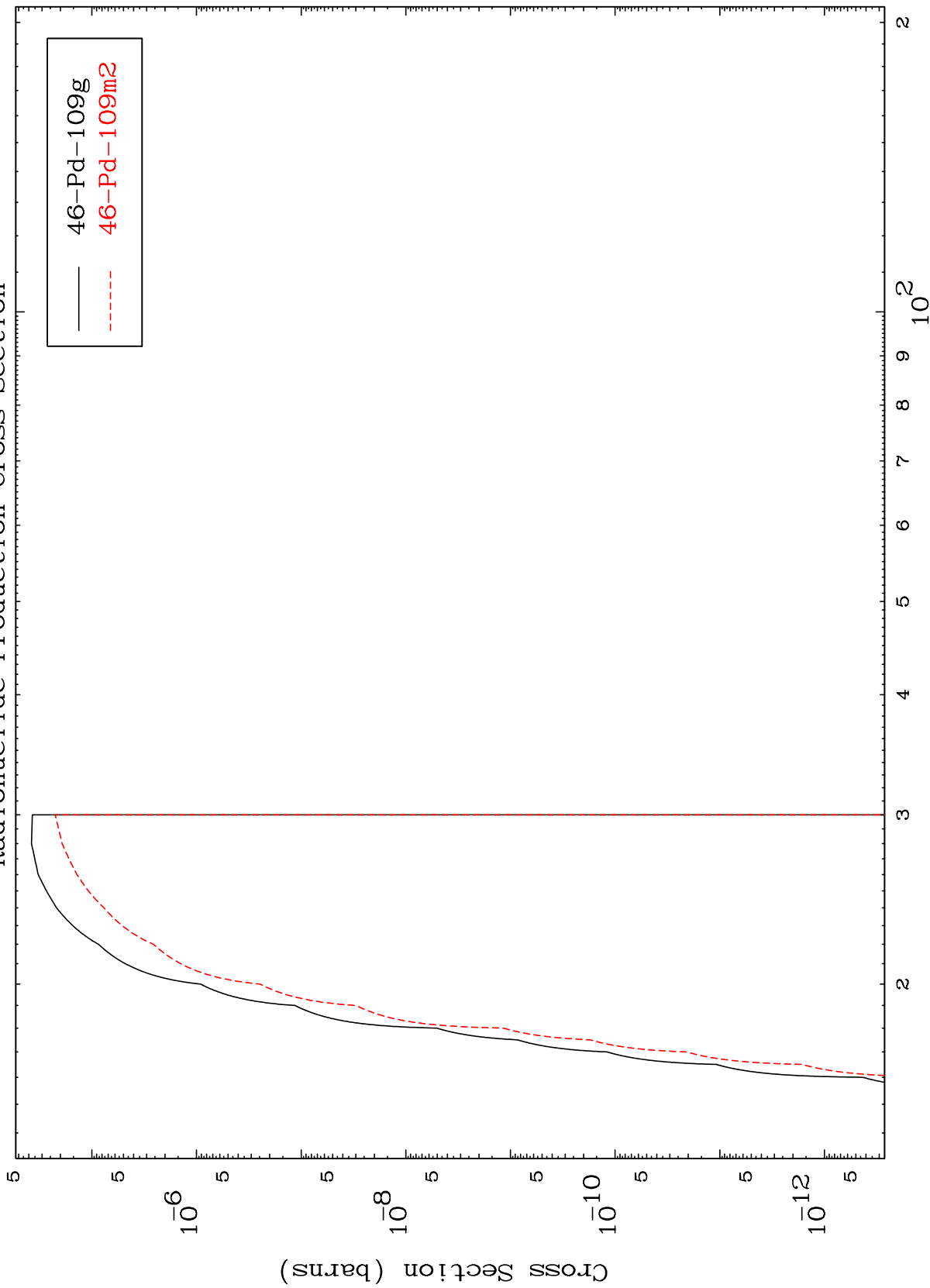
47-Ag-111m



MAT 4738

47-Ag-111m

(n,d)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

47-Ag-111m