

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

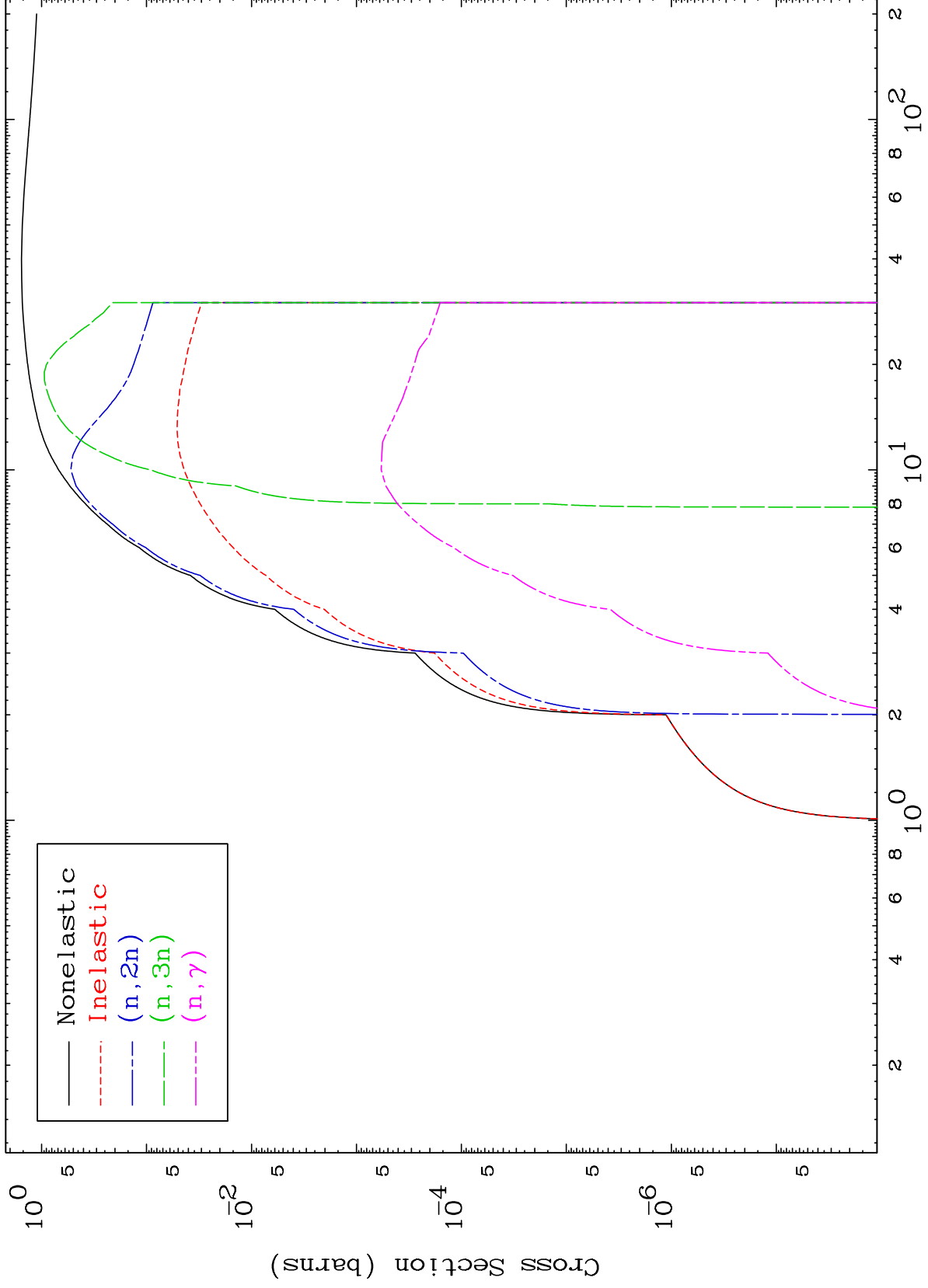
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Web:redcullen1.net/HOMEPAGE.NEW

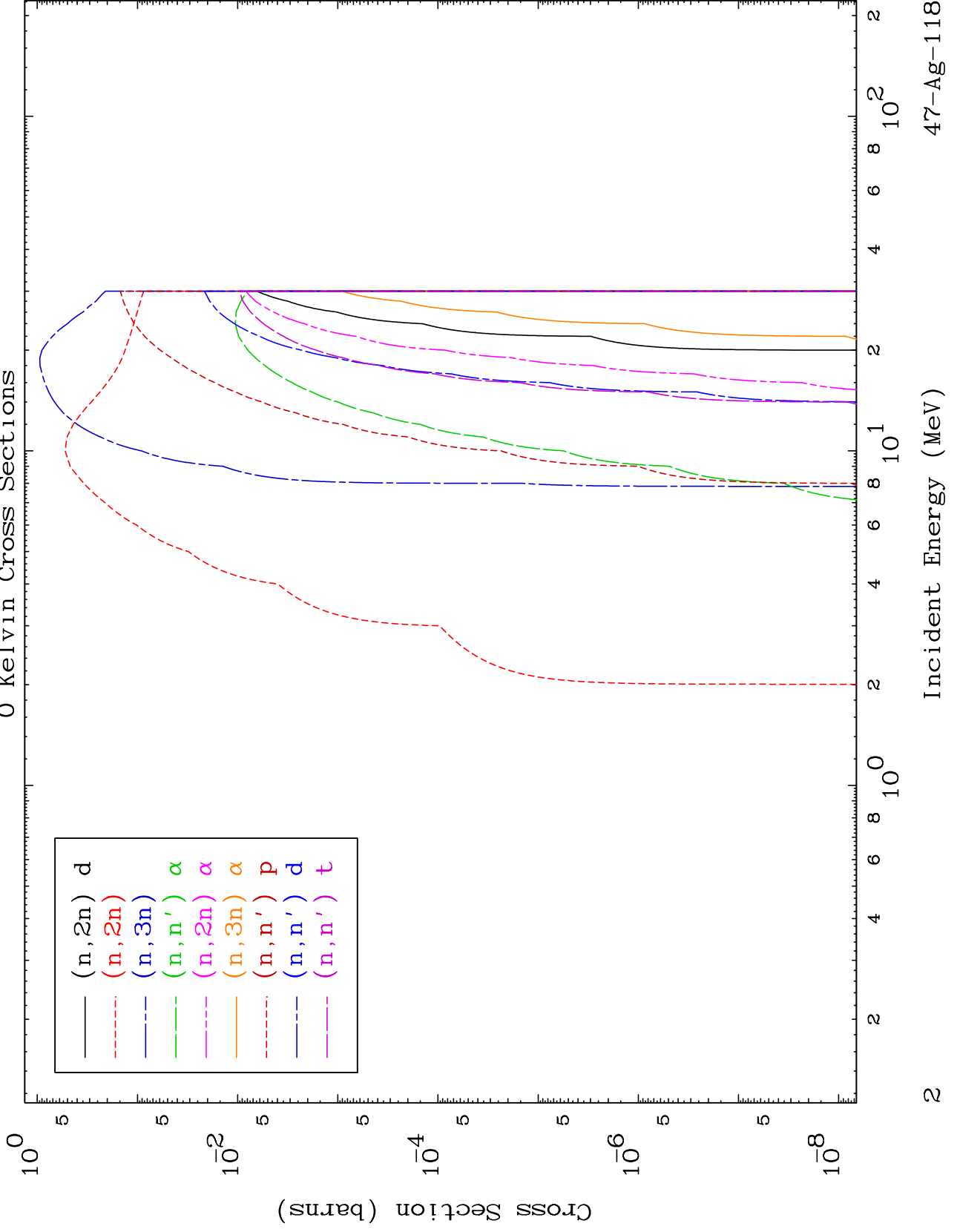
Press Mouse Button to Start



MAT 4758

Proton Neutron Absorption
0 Kelvin Cross Sections

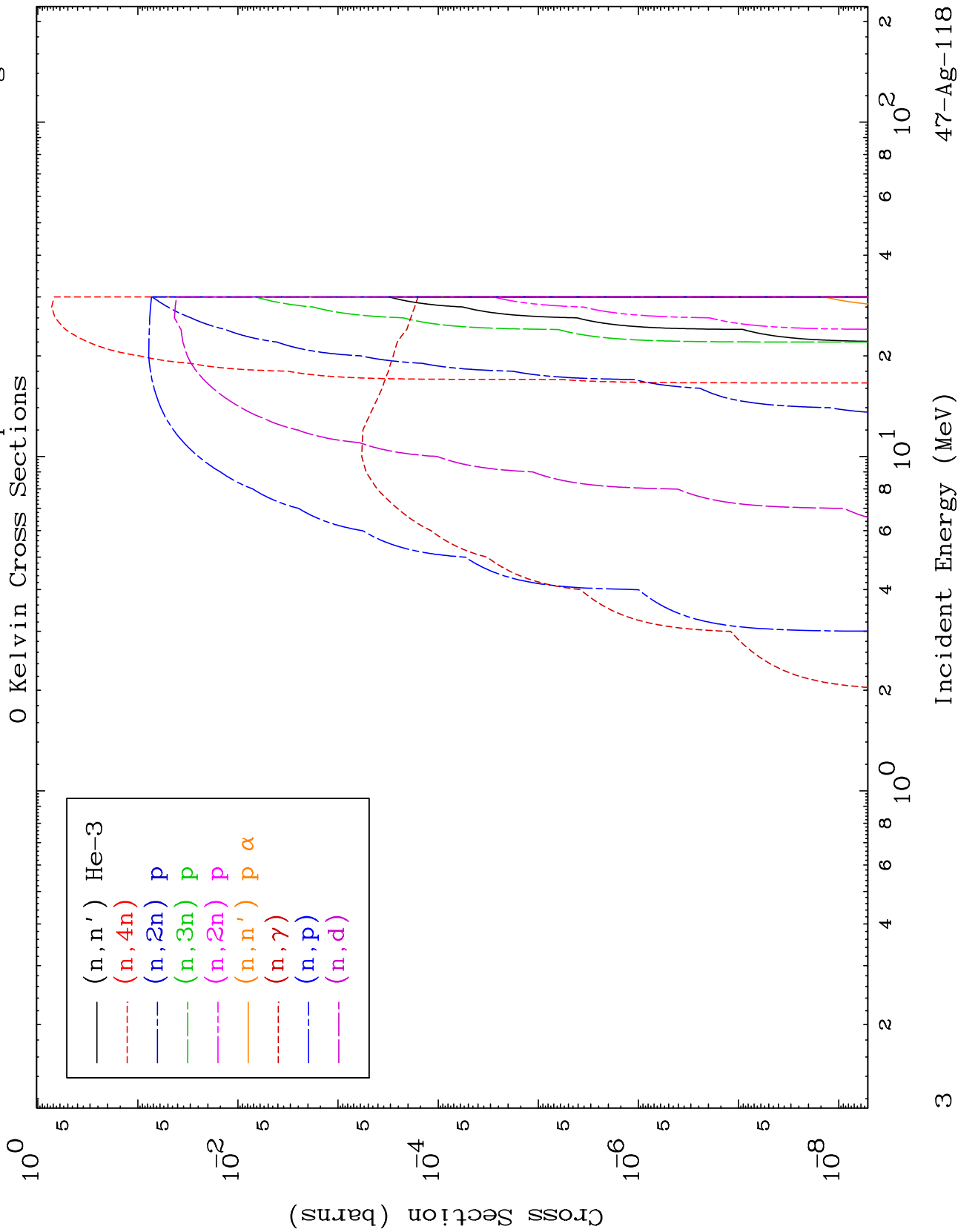
47-Ag-118



MAT 4758

Proton Neutron Absorption
0 Kelvin Cross Sections

47-Ag-118



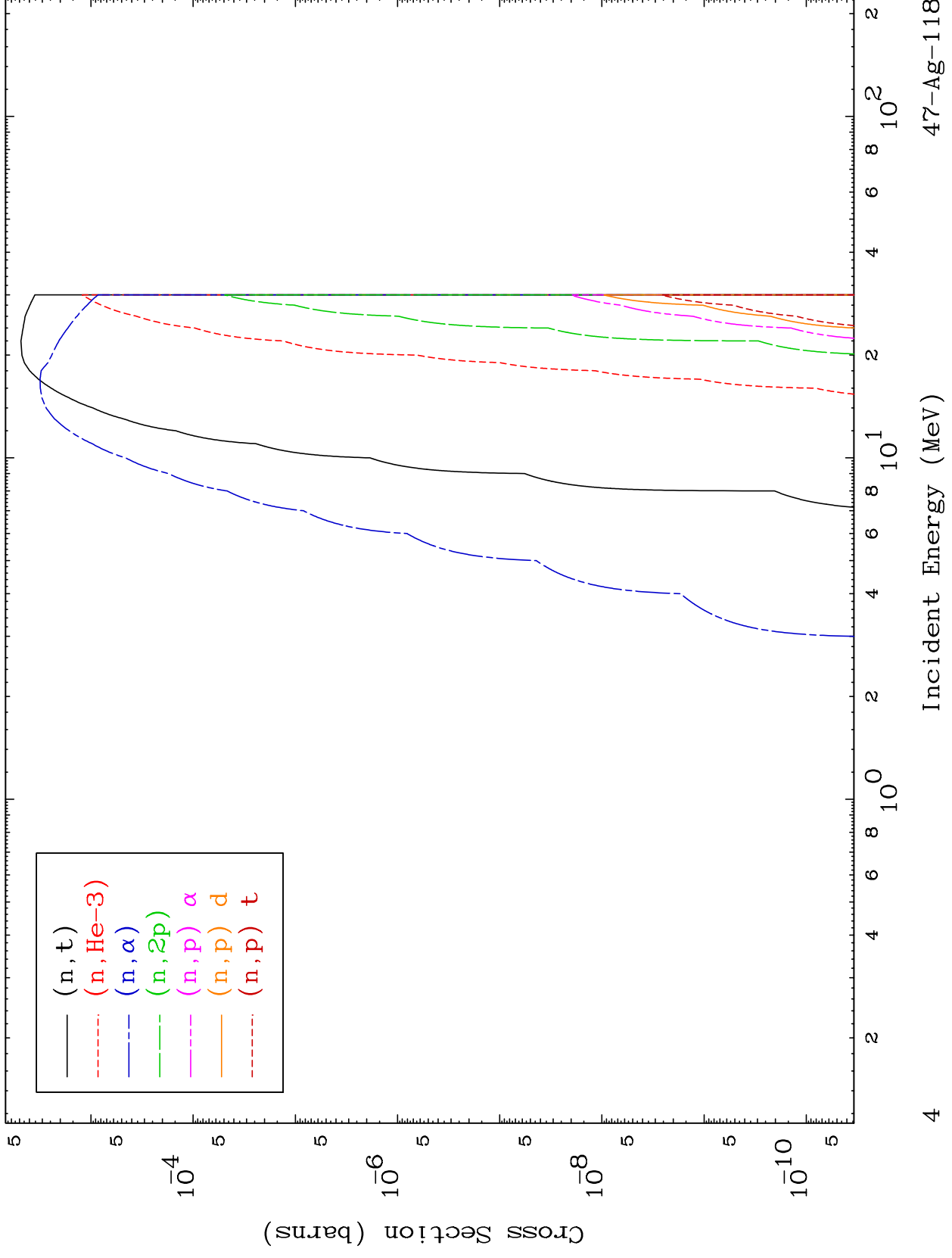
47-Ag-118

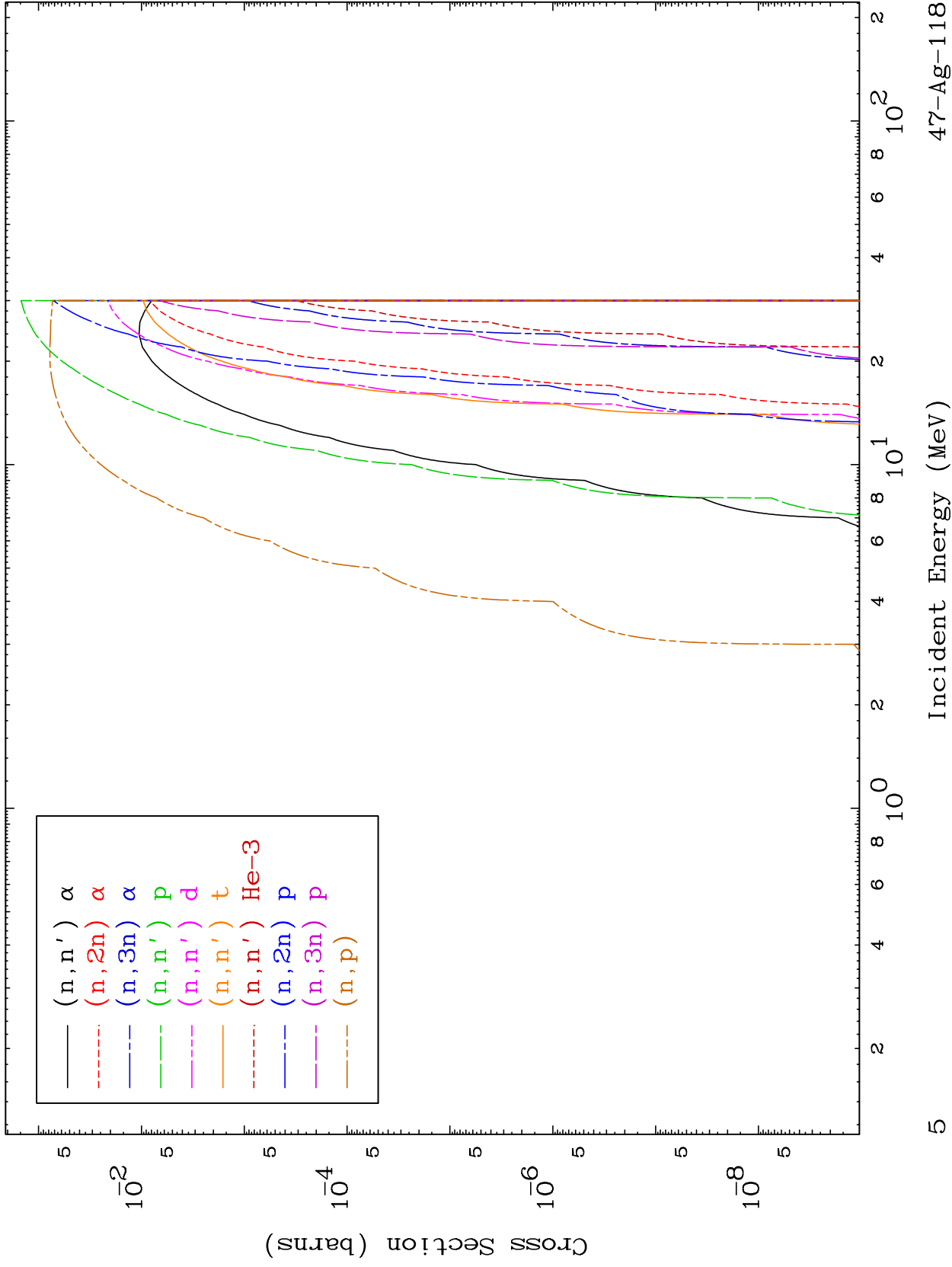
Incident Energy (MeV)

MAT 4758

Proton Neutron Absorption
0 Kelvin Cross Sections

47-Ag-118

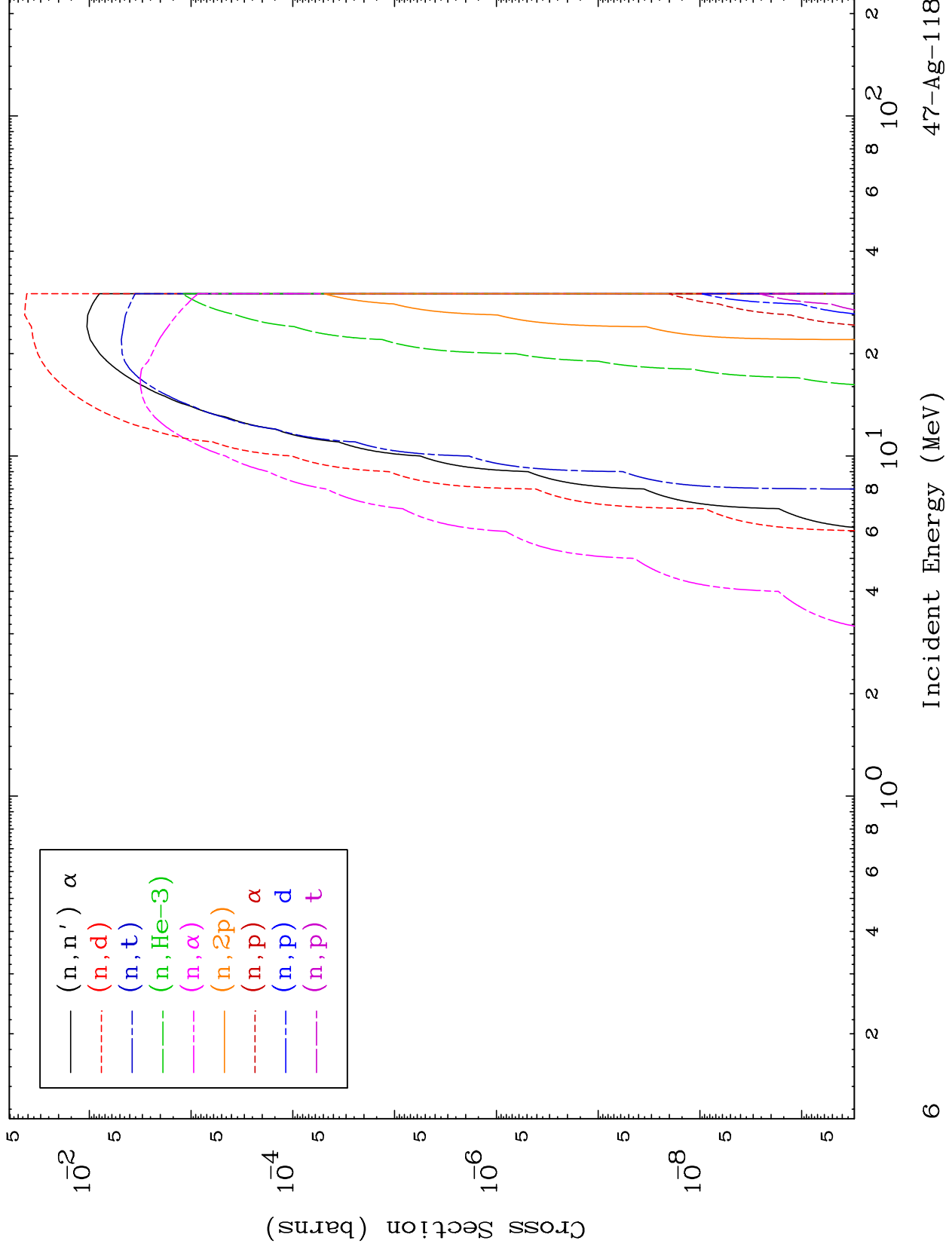




MAT 4758

Proton Charged Particle
0 Kelvin Cross Sections

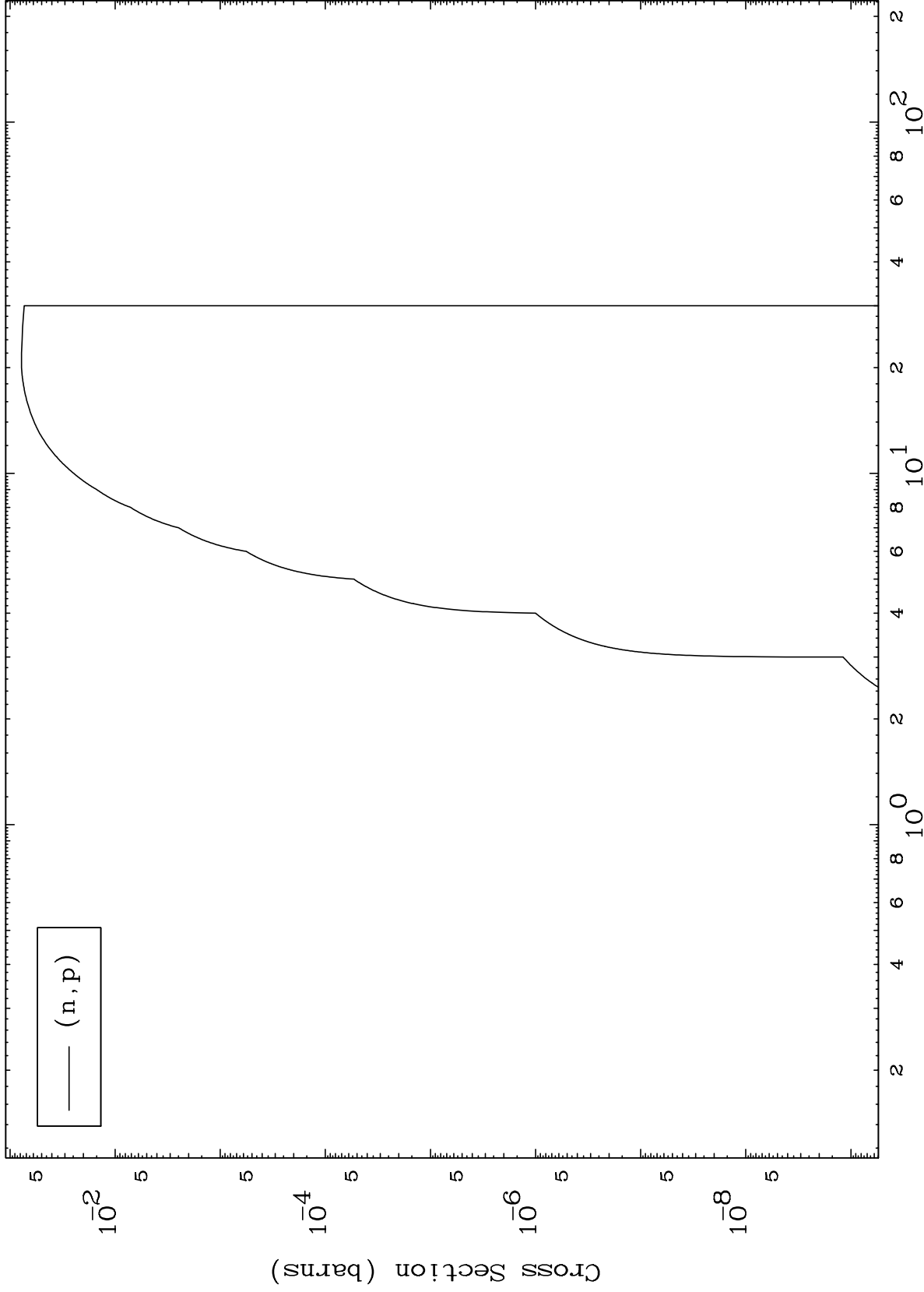
47-Ag-118



MAT 4758

(p,p) Levels
0 Kelvin Cross Sections

47-Ag-118



7

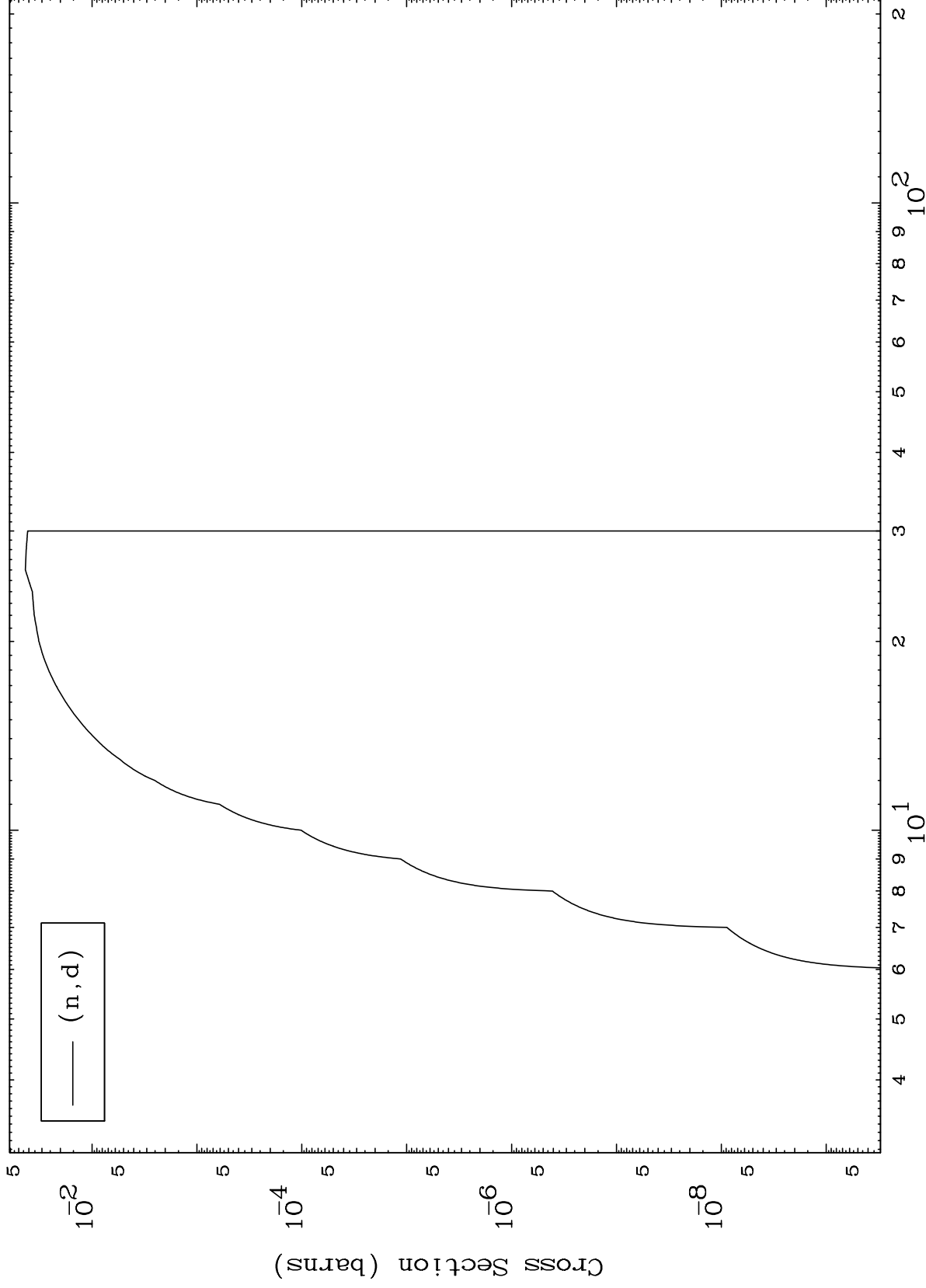
Incident Energy (MeV)

47-Ag-118

MAT 4758

(p,d) Levels
0 Kelvin Cross Sections

47-Ag-118



8

Incident Energy (MeV)

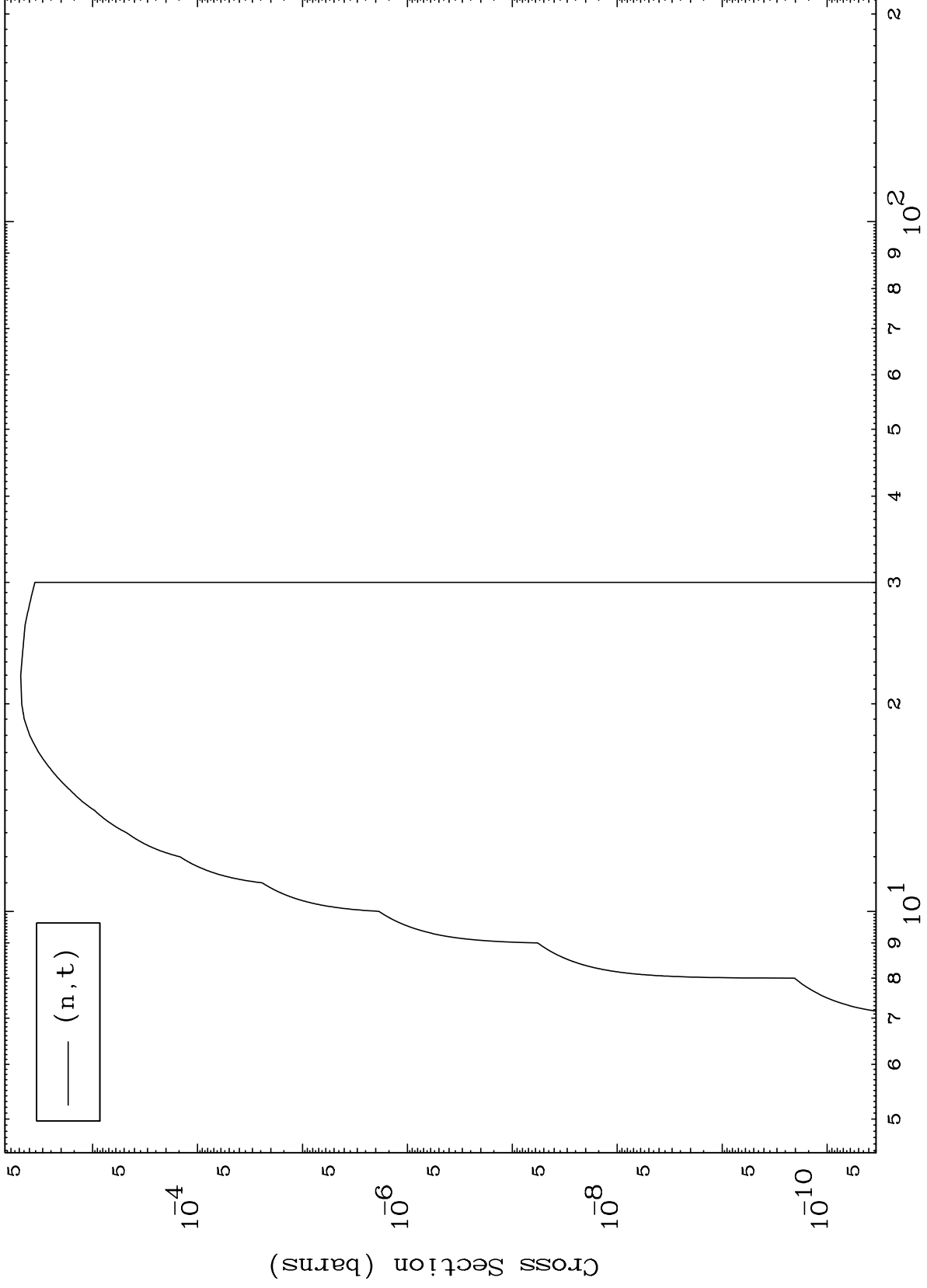
47-Ag-118

MAT 4758

(p,t) Levels

47-Ag-118

0 Kelvin Cross Sections



9

Incident Energy (MeV)

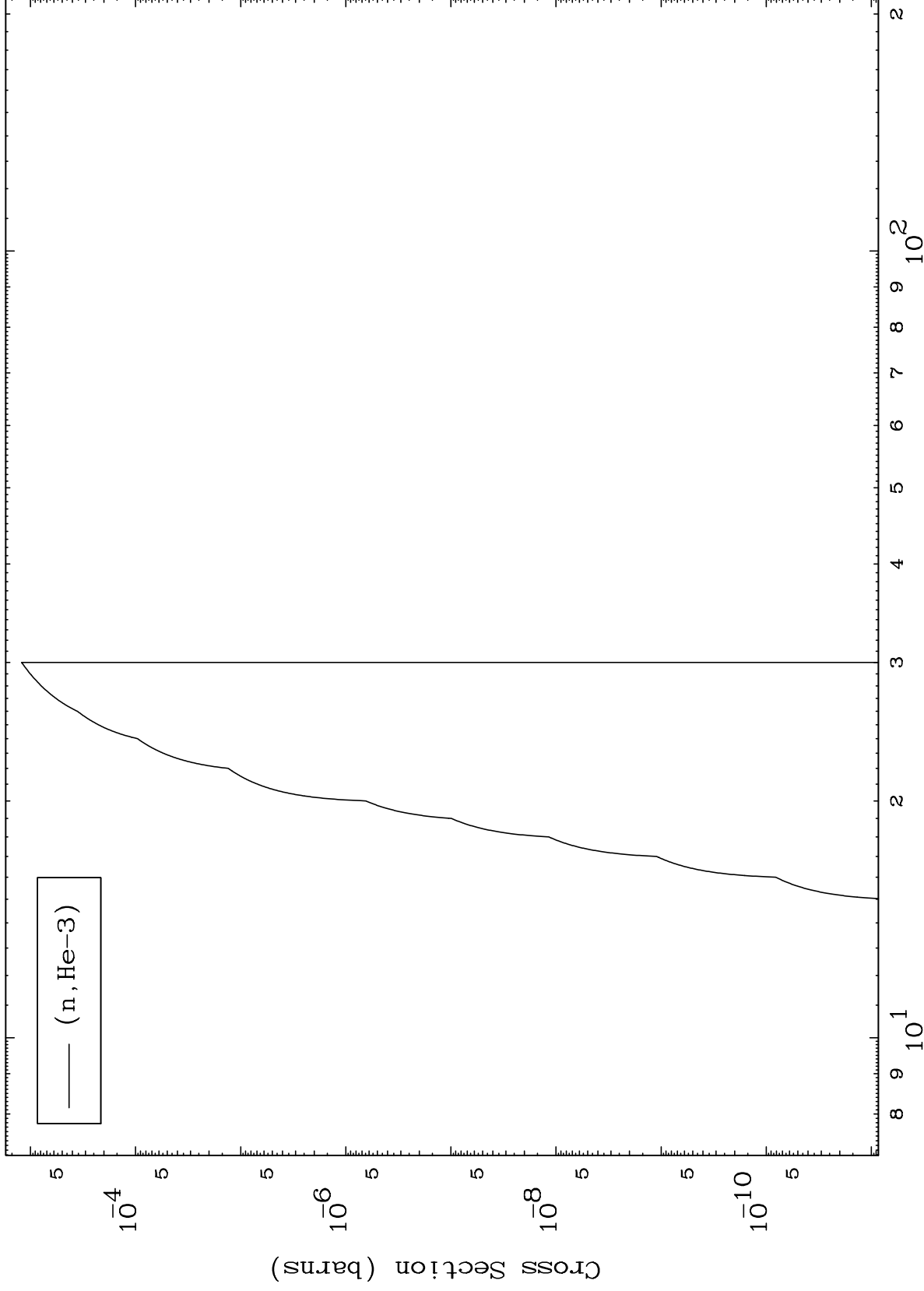
47-Ag-118

MAT 4758

(p,He3) Levels

47-Ag-118

0 Kelvin Cross Sections



10

Incident Energy (MeV)

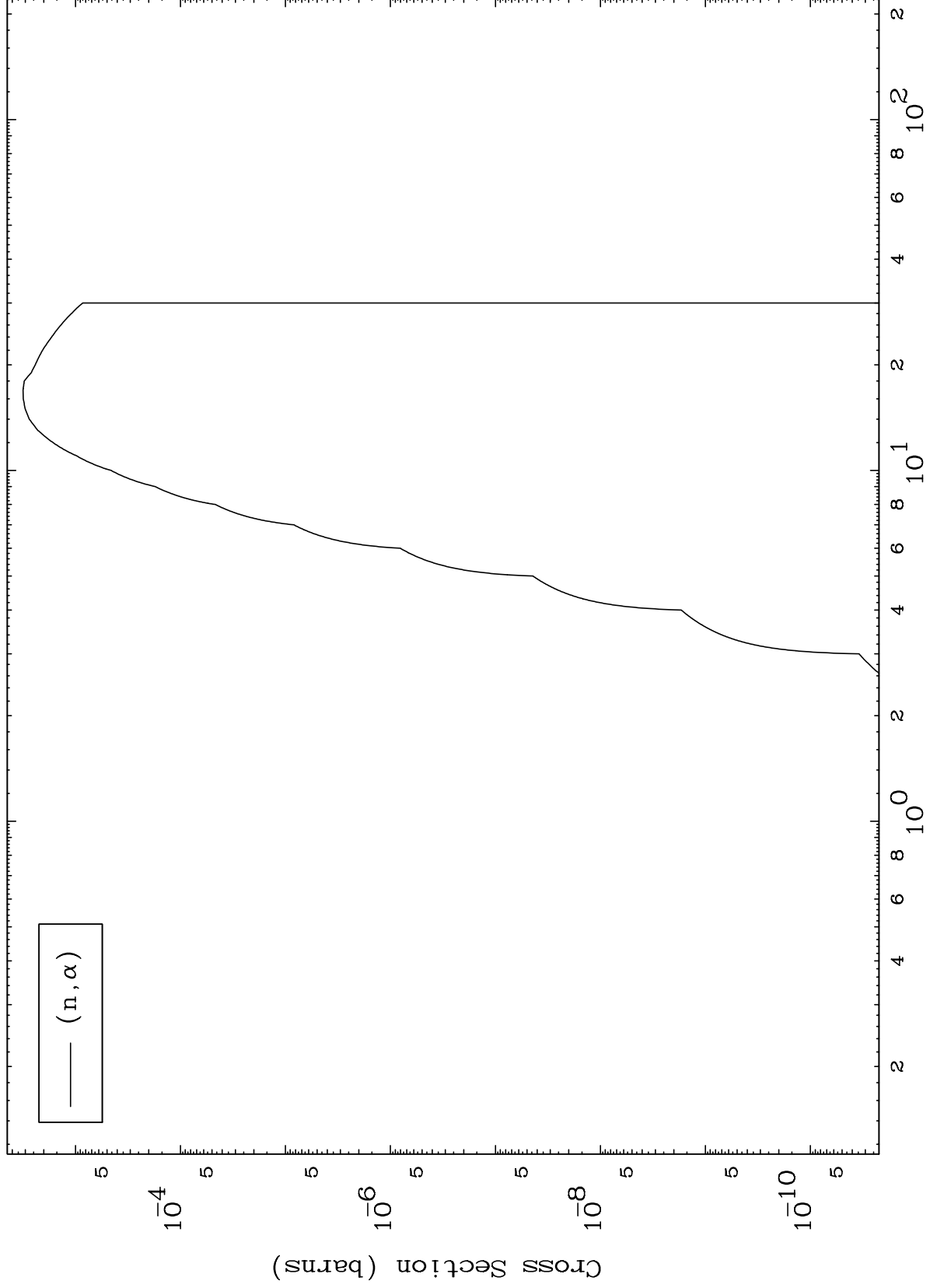
47-Ag-118

MAT 4758

(p, α) Levels

47-Ag-118

0 Kelvin Cross Sections

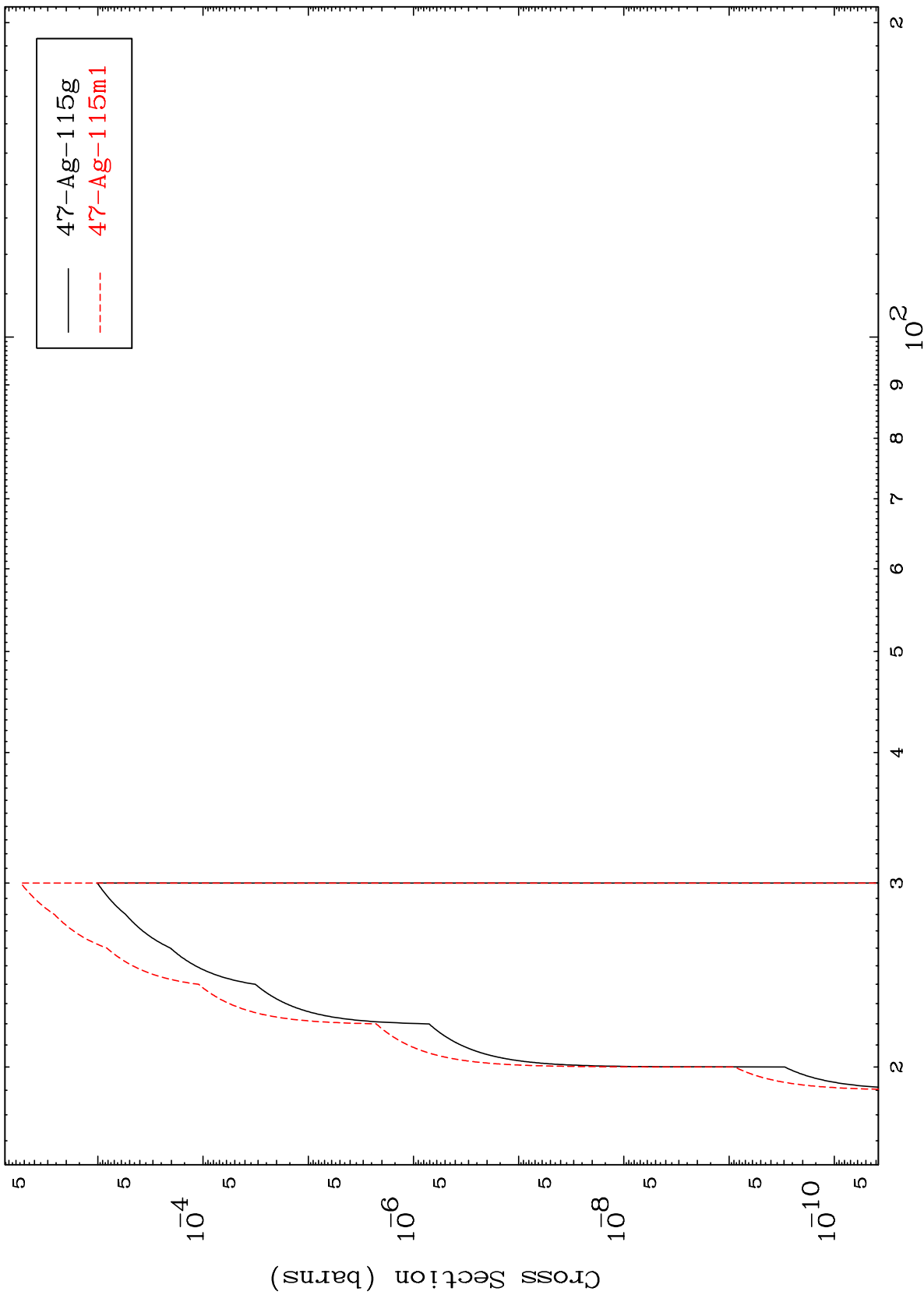


MAT 4758

(n,2n) d

47-Ag-118

Radionuclide Production Cross Section



12

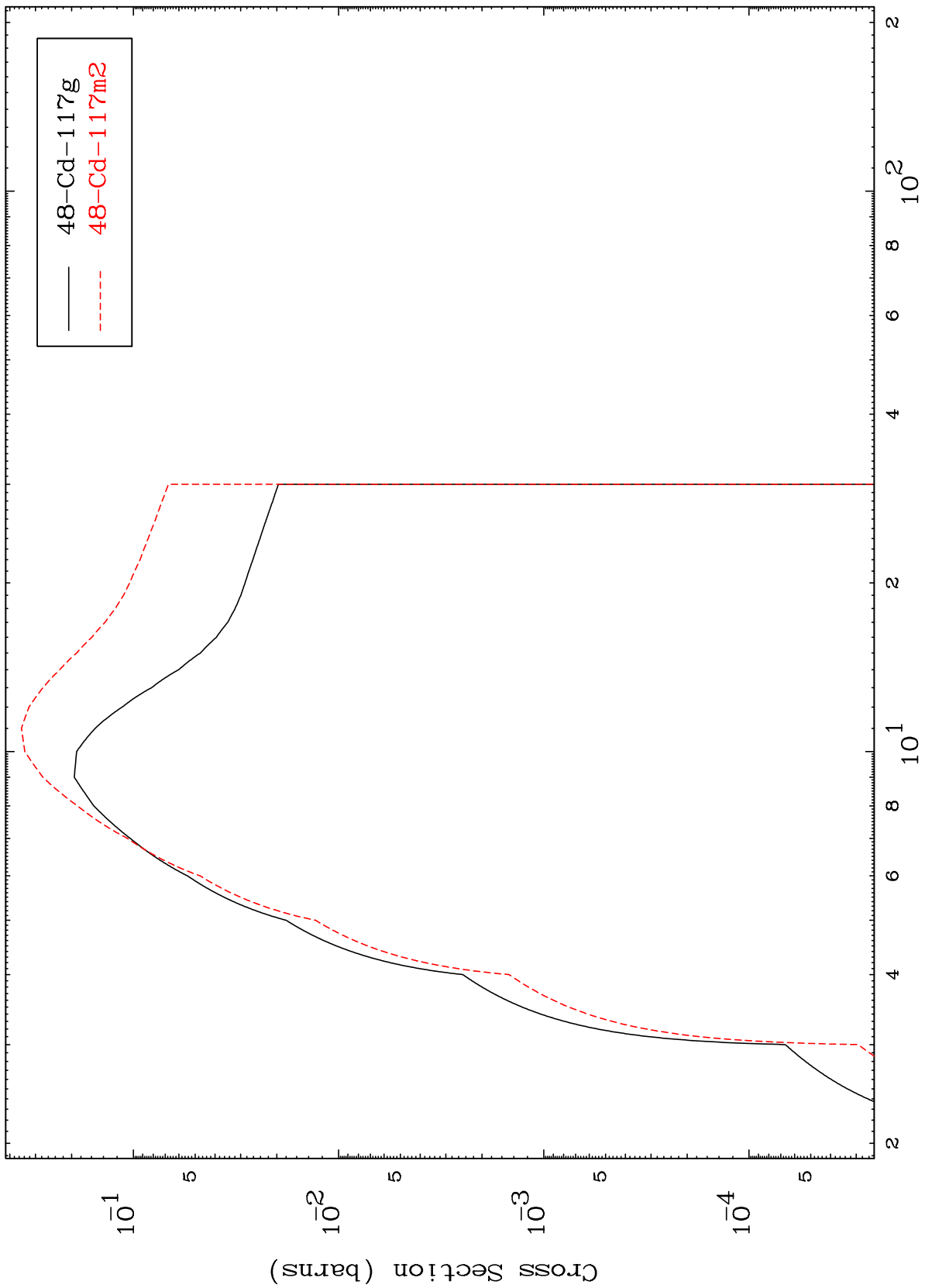
Incident Energy (MeV)

47-Ag-118

MAT 4758

47-Ag-118

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

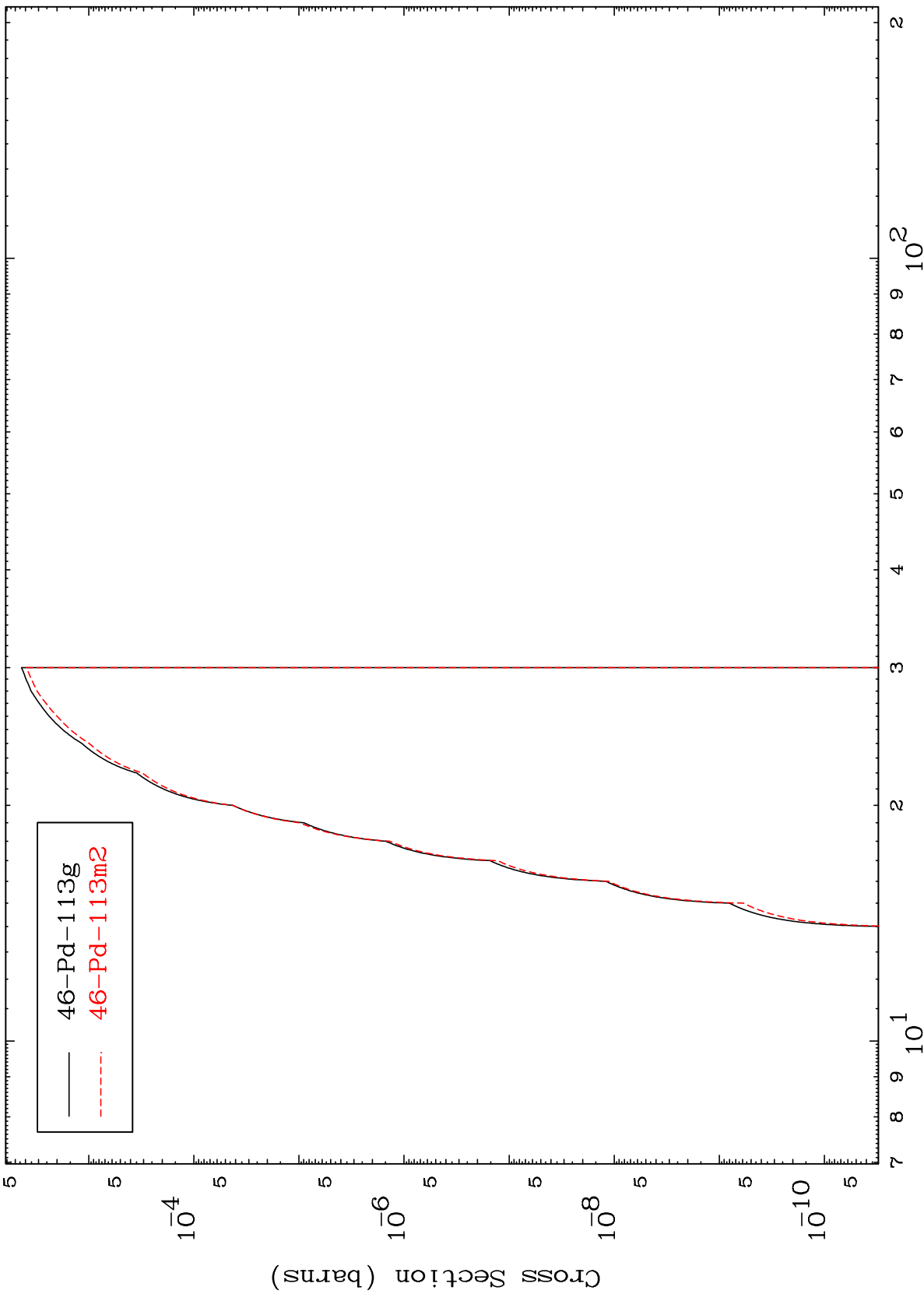
47-Ag-118

MAT 4758

47-Ag-118

(n,2n) α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

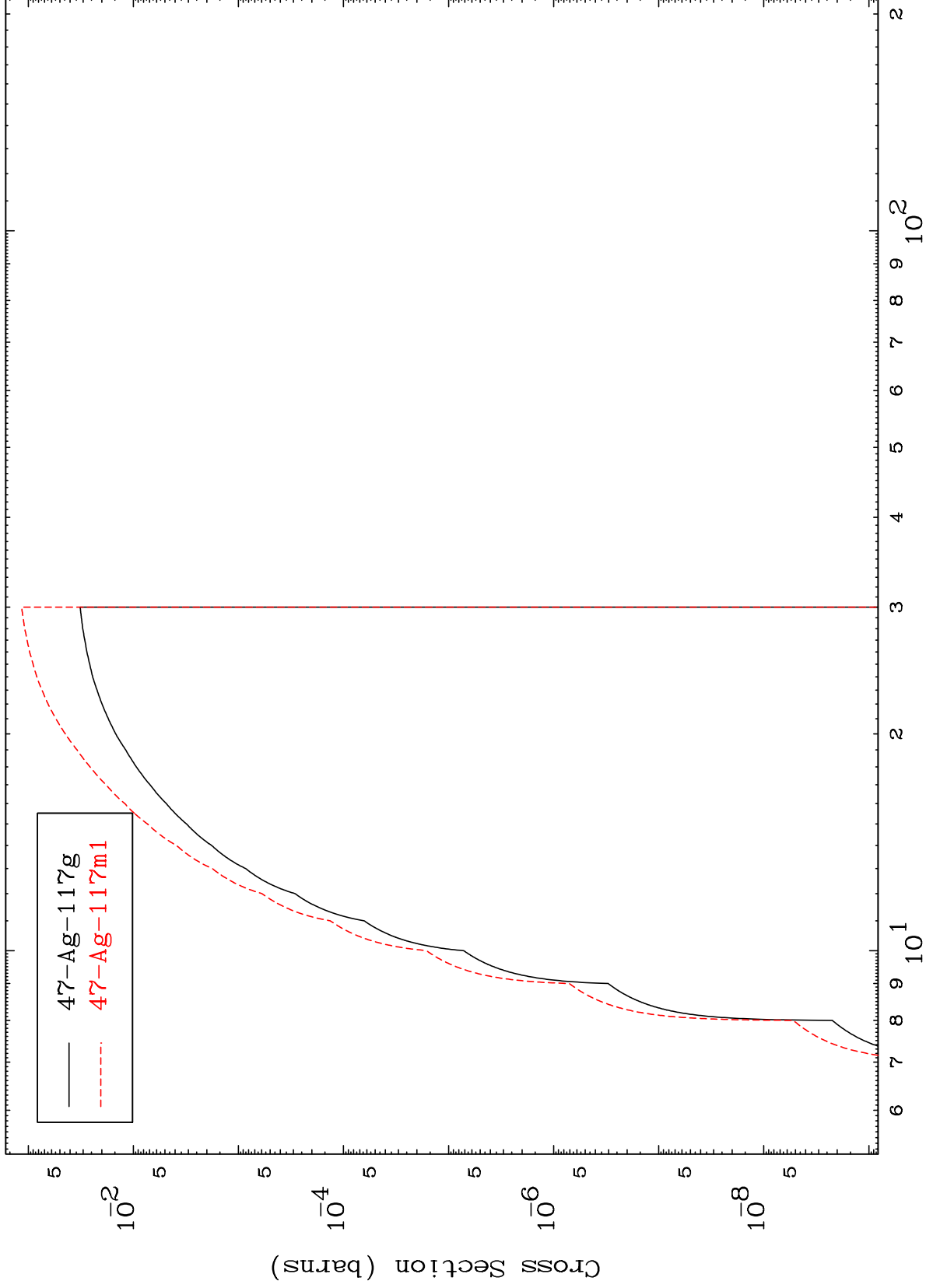
47-Ag-118

MAT 4758

(n,n') p

47-Ag-118

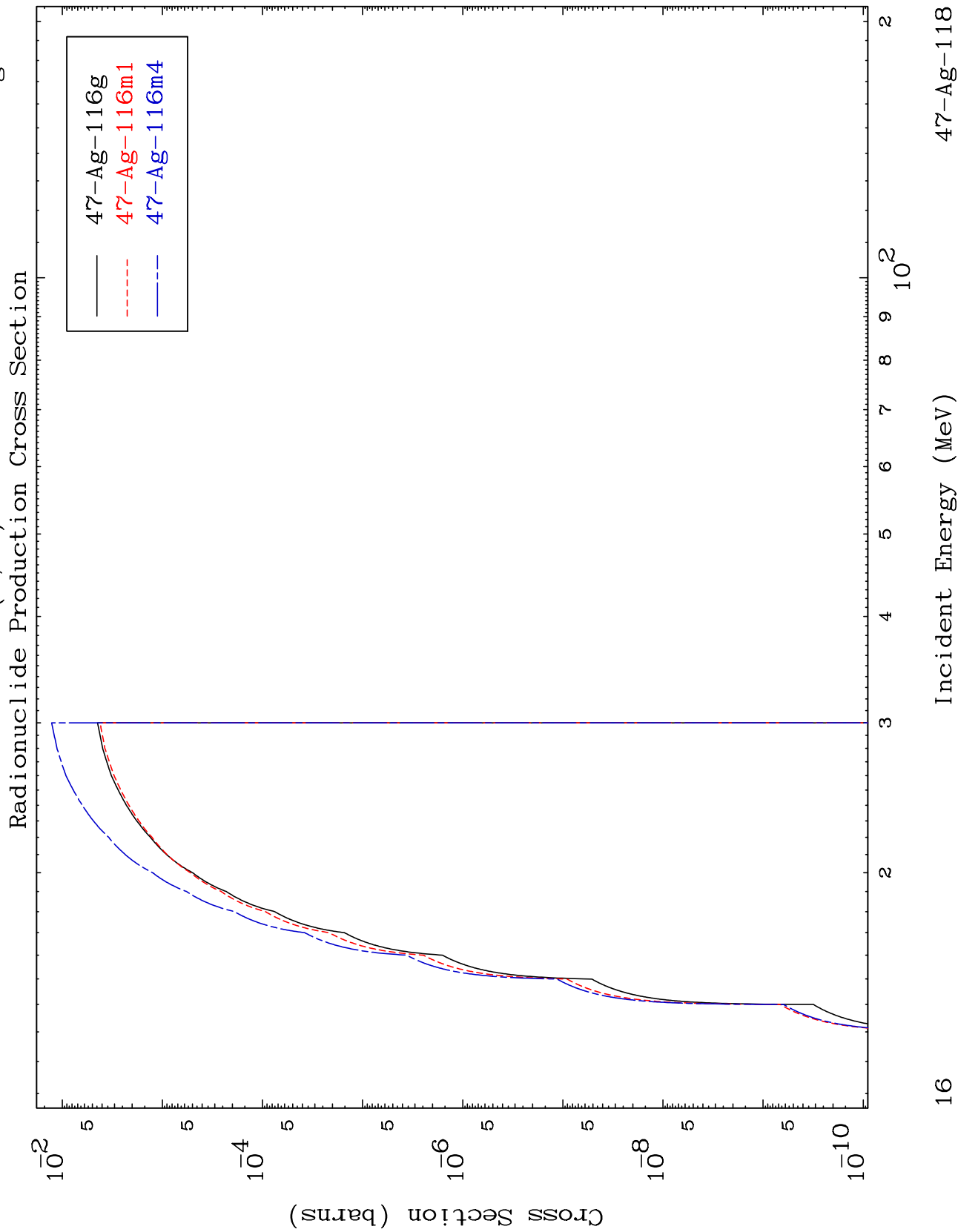
Radionuclide Production Cross Section

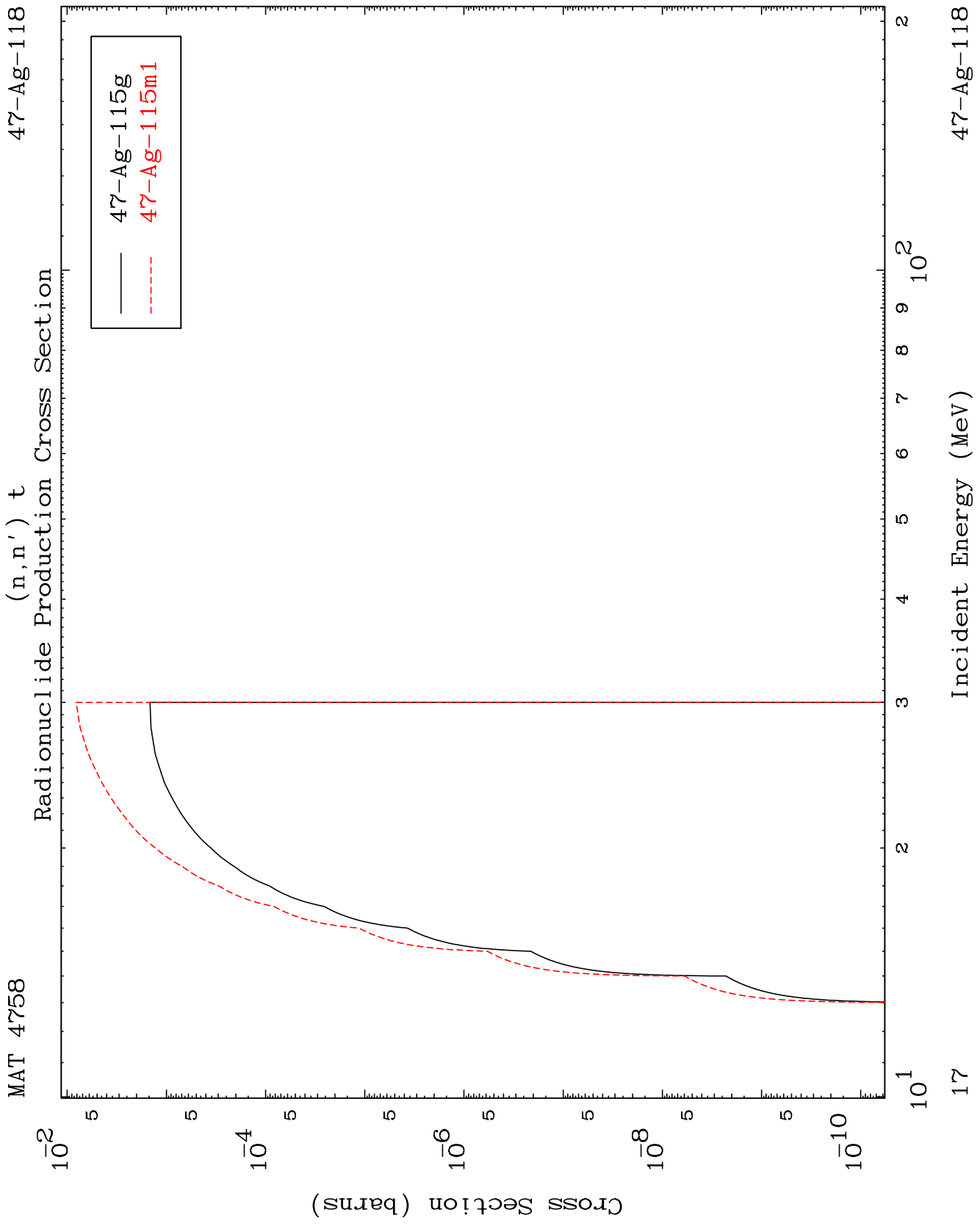


15

Incident Energy (MeV)

47-Ag-118





MAT 4758

(n,n') t

47-Ag-118

Radionuclide Production Cross Section

10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

10^1

10^2

Cross Section (barns)

Incident Energy (MeV)

47-Ag-118

47-Ag-115g

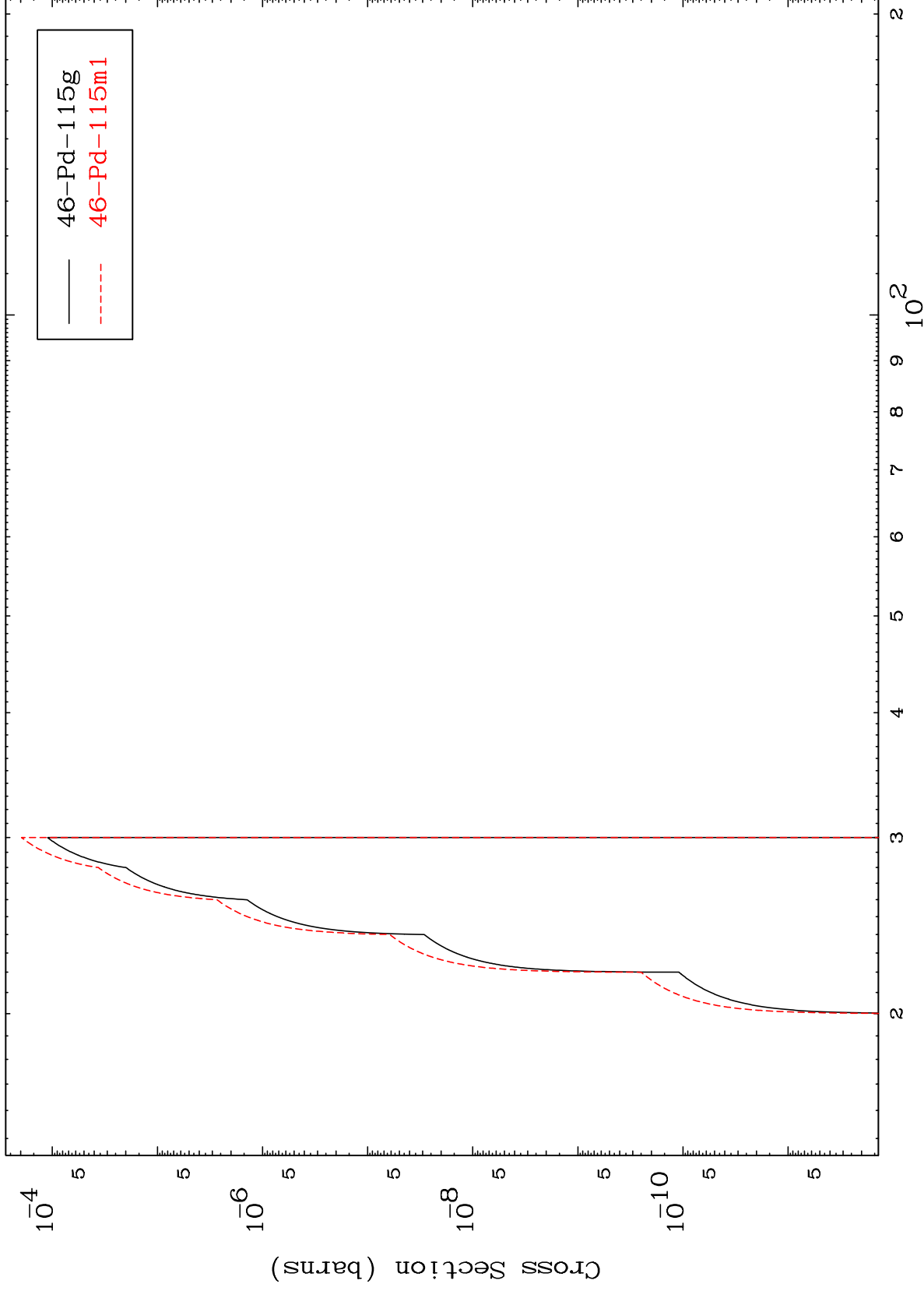
47-Ag-115m1

MAT 4758

(n,n') He-3

47-Ag-118

Radionuclide Production Cross Section

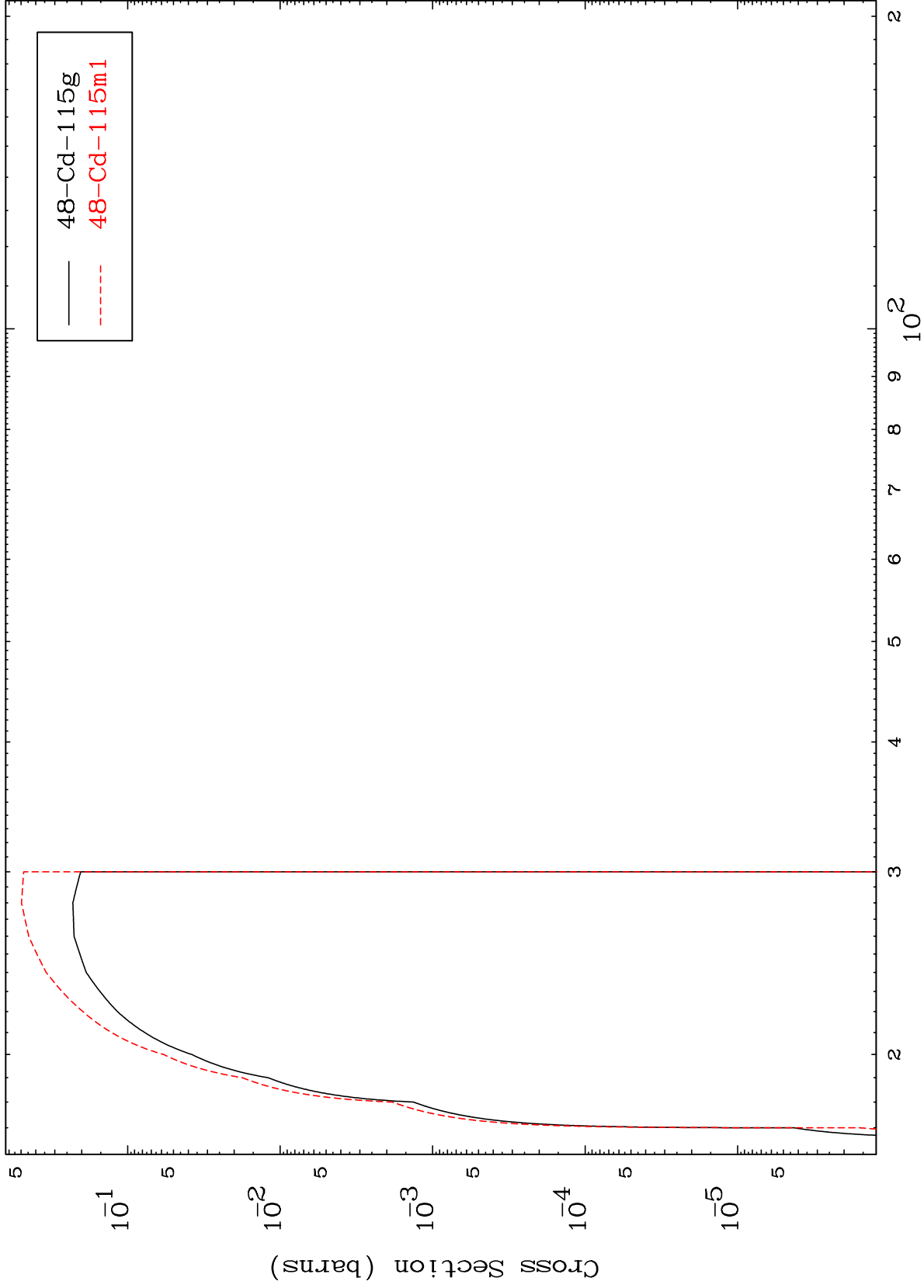


18

Incident Energy (MeV)

47-Ag-118

Radionuclide Production Cross Section

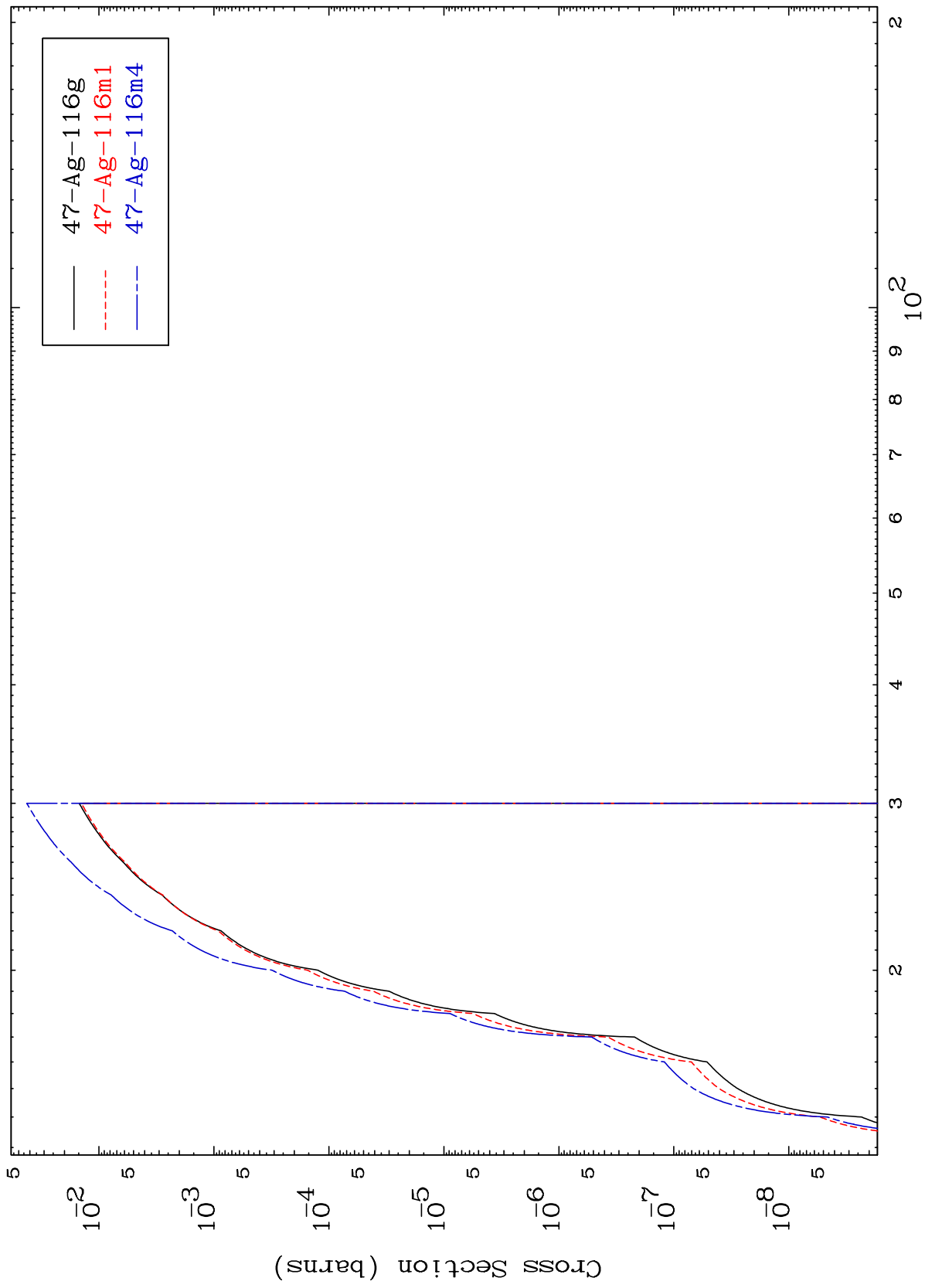


MAT 4758

(n,2n) p

47-Ag-118

Radionuclide Production Cross Section



20

Incident Energy (MeV)

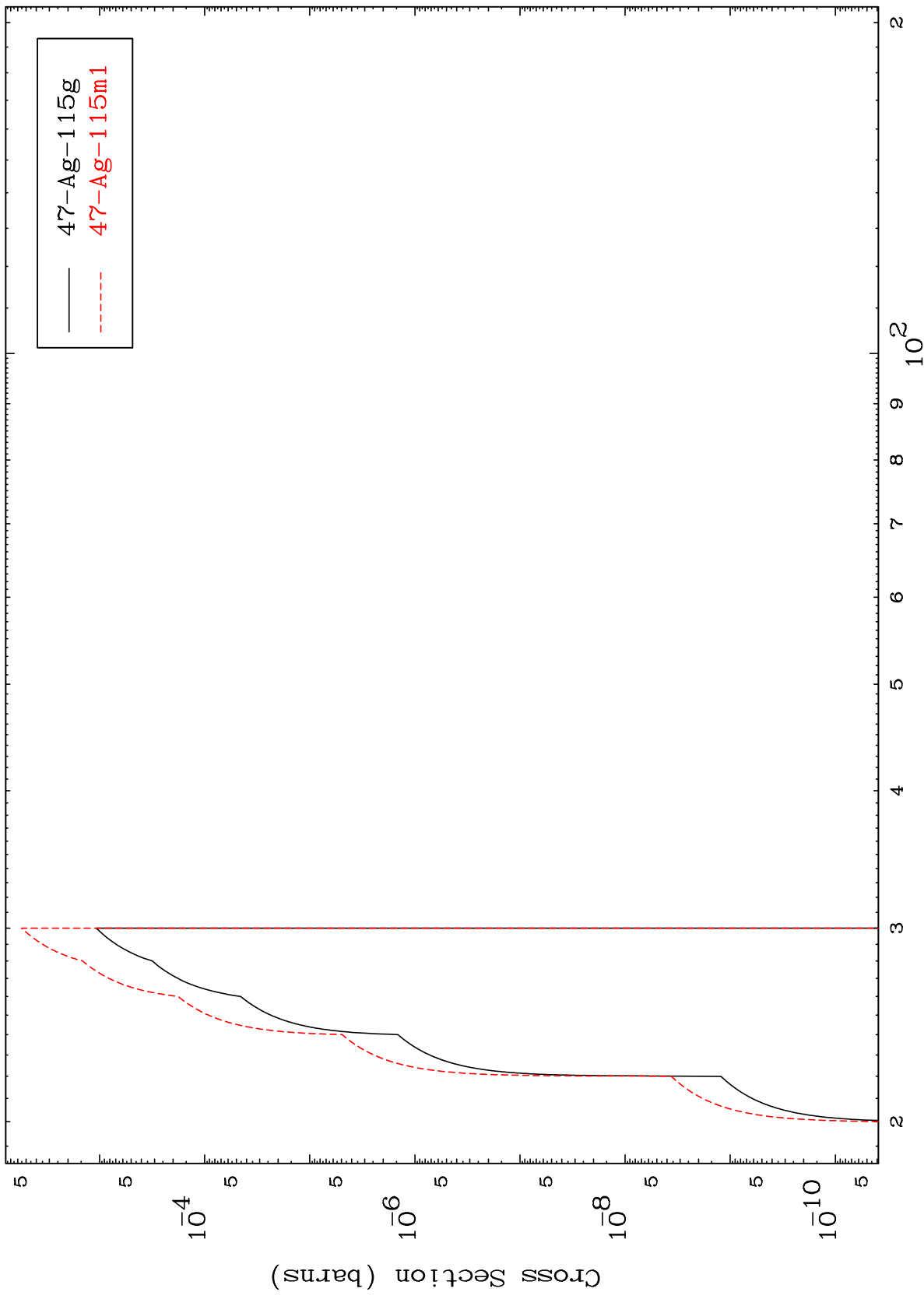
47-Ag-118

MAT 4758

(n,3n) p

47-Ag-118

Radionuclide Production Cross Section



21

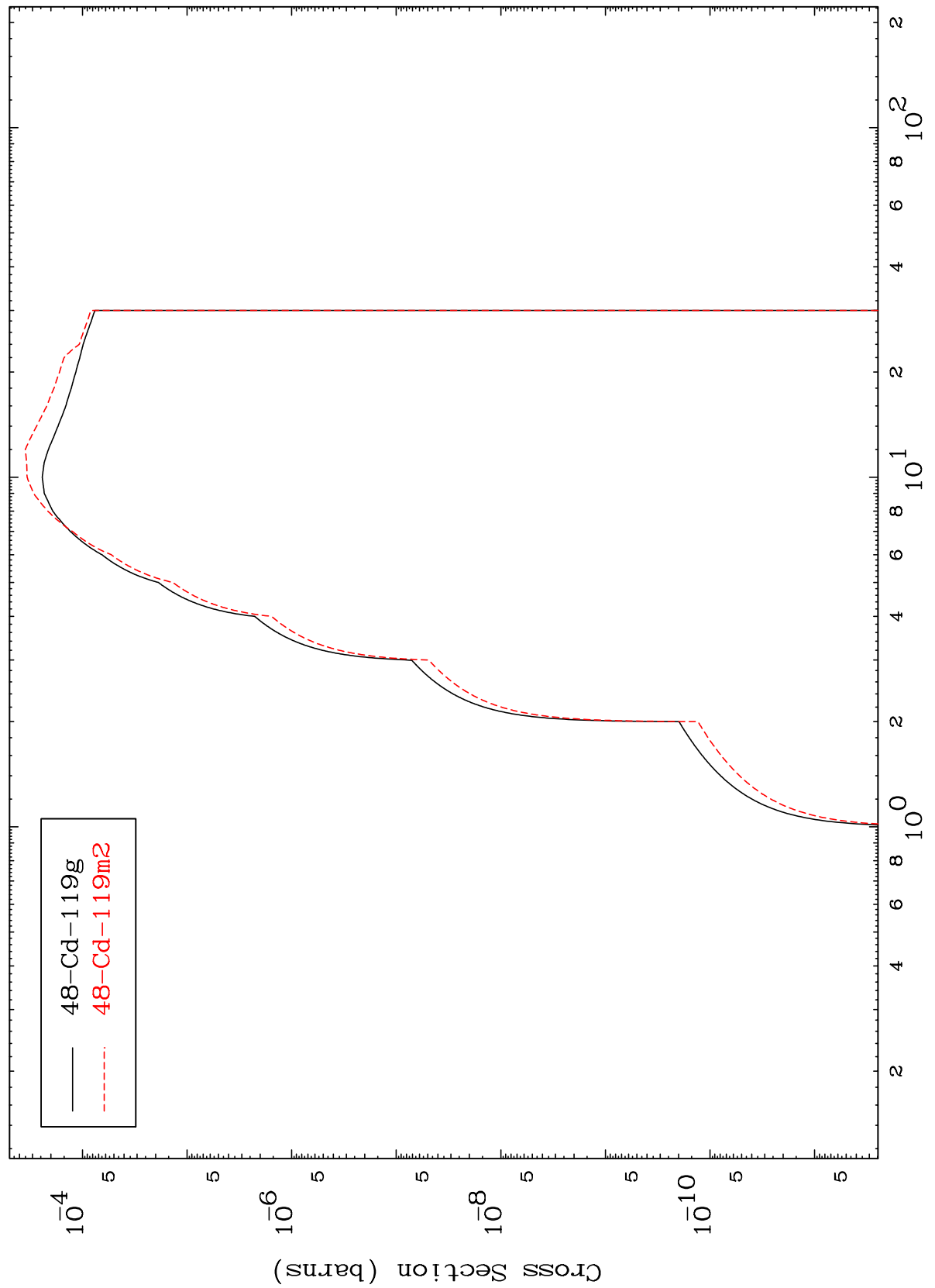
Incident Energy (MeV)

47-Ag-118

MAT 4758

47-Ag-118

Radionuclide Production Cross Section
(n, γ)



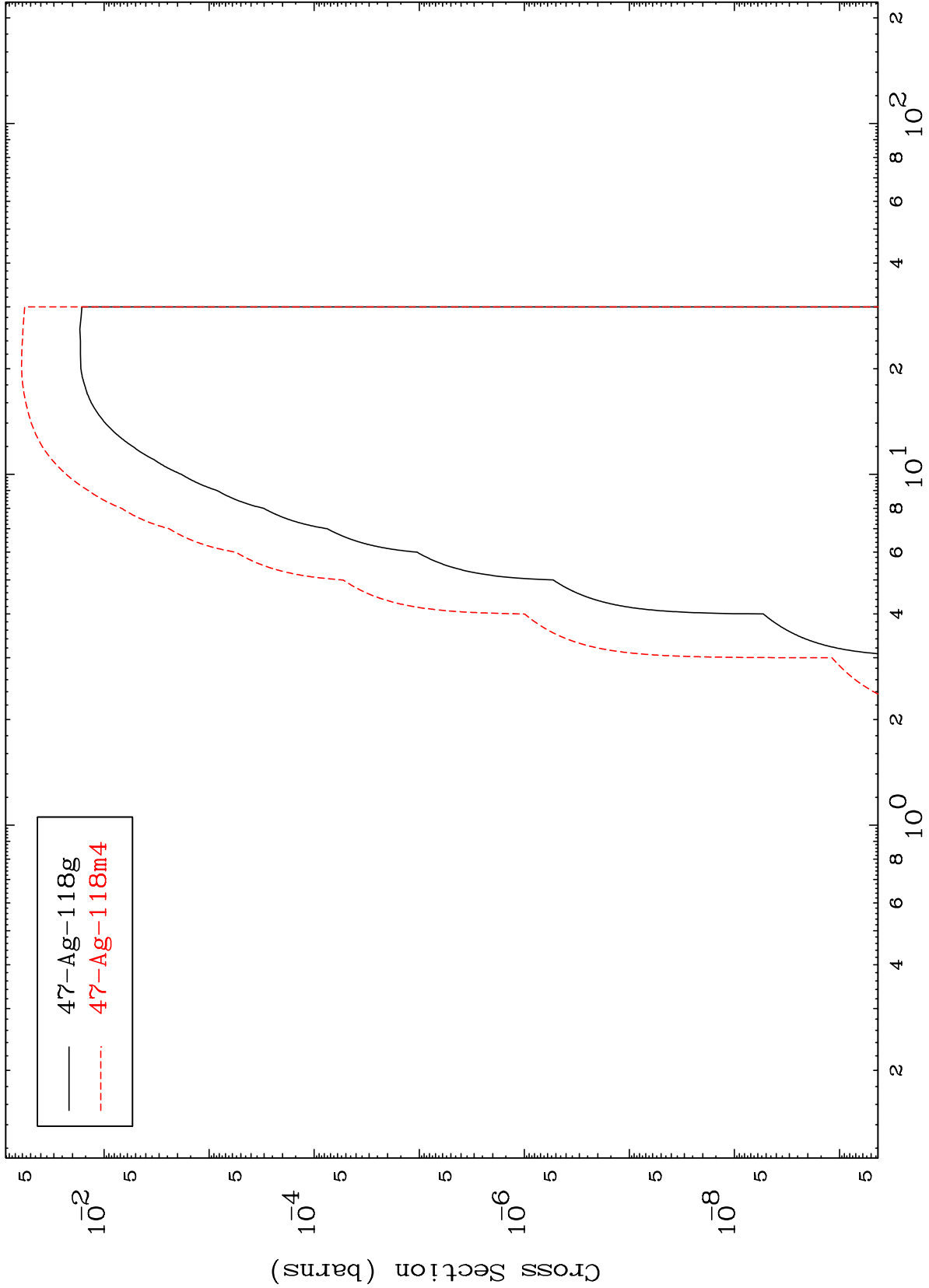
47-Ag-118

Incident Energy (MeV)

MAT 4758

47-Ag-118

(n,p)
Radionuclide Production Cross Section



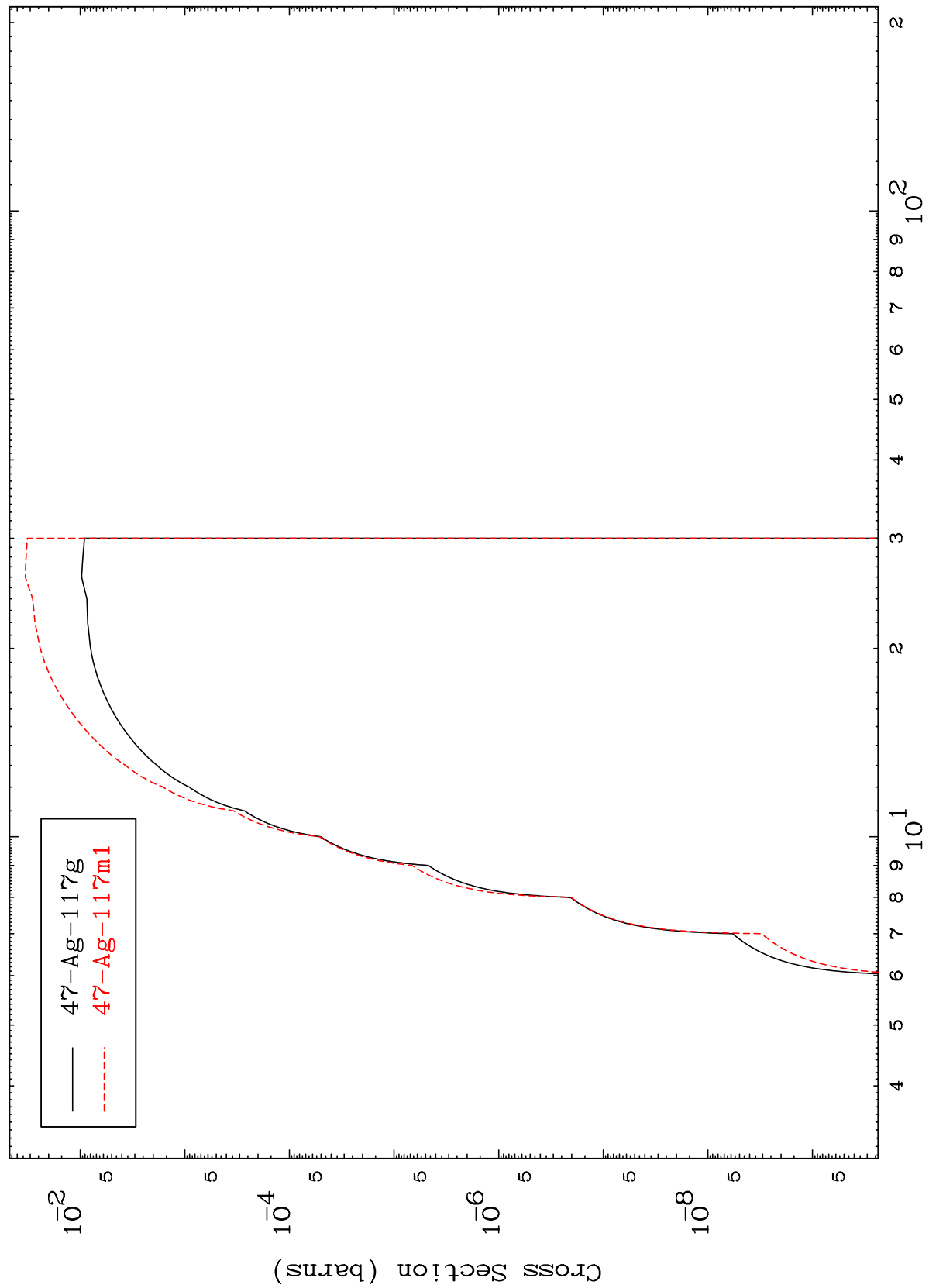
47-Ag-118

Incident Energy (MeV)

MAT 4758

47-Ag-118

(n,d)
Radionuclide Production Cross Section



24

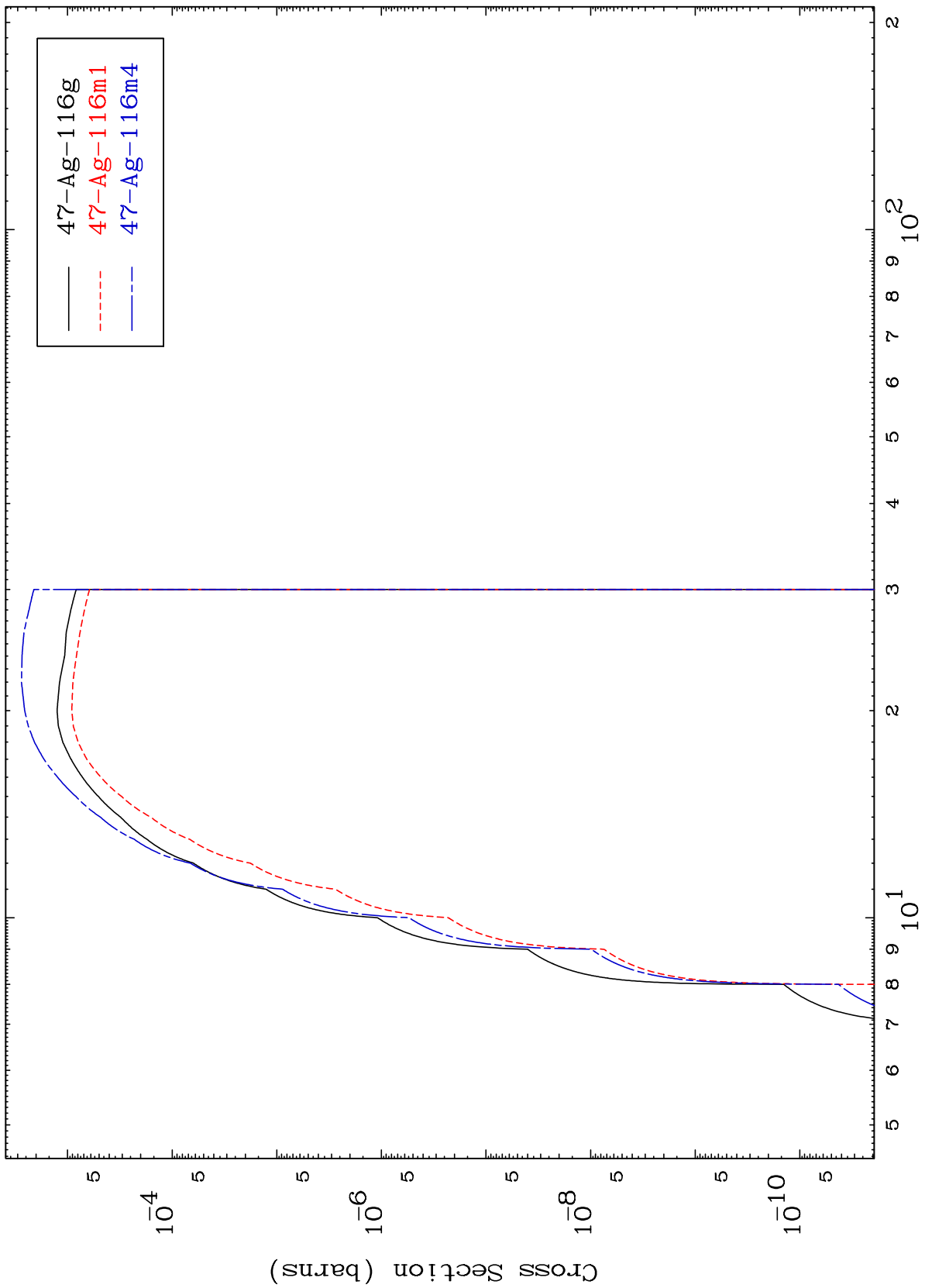
47-Ag-118

Incident Energy (MeV)

MAT 4758

47-Ag-118

(n, t)
Radionuclide Production Cross Section



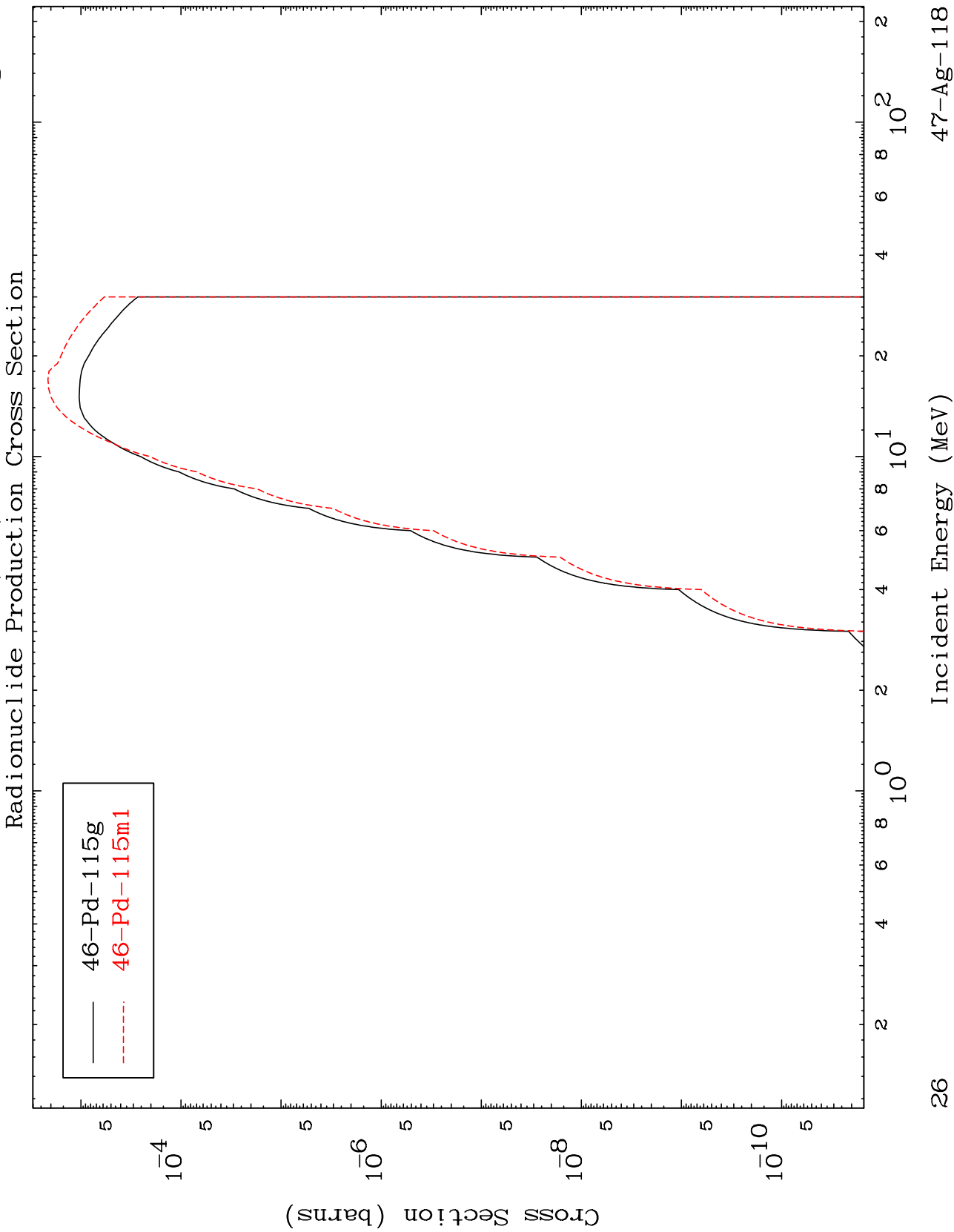
25

Incident Energy (MeV)

47-Ag-118

MAT 4758

47-Ag-118

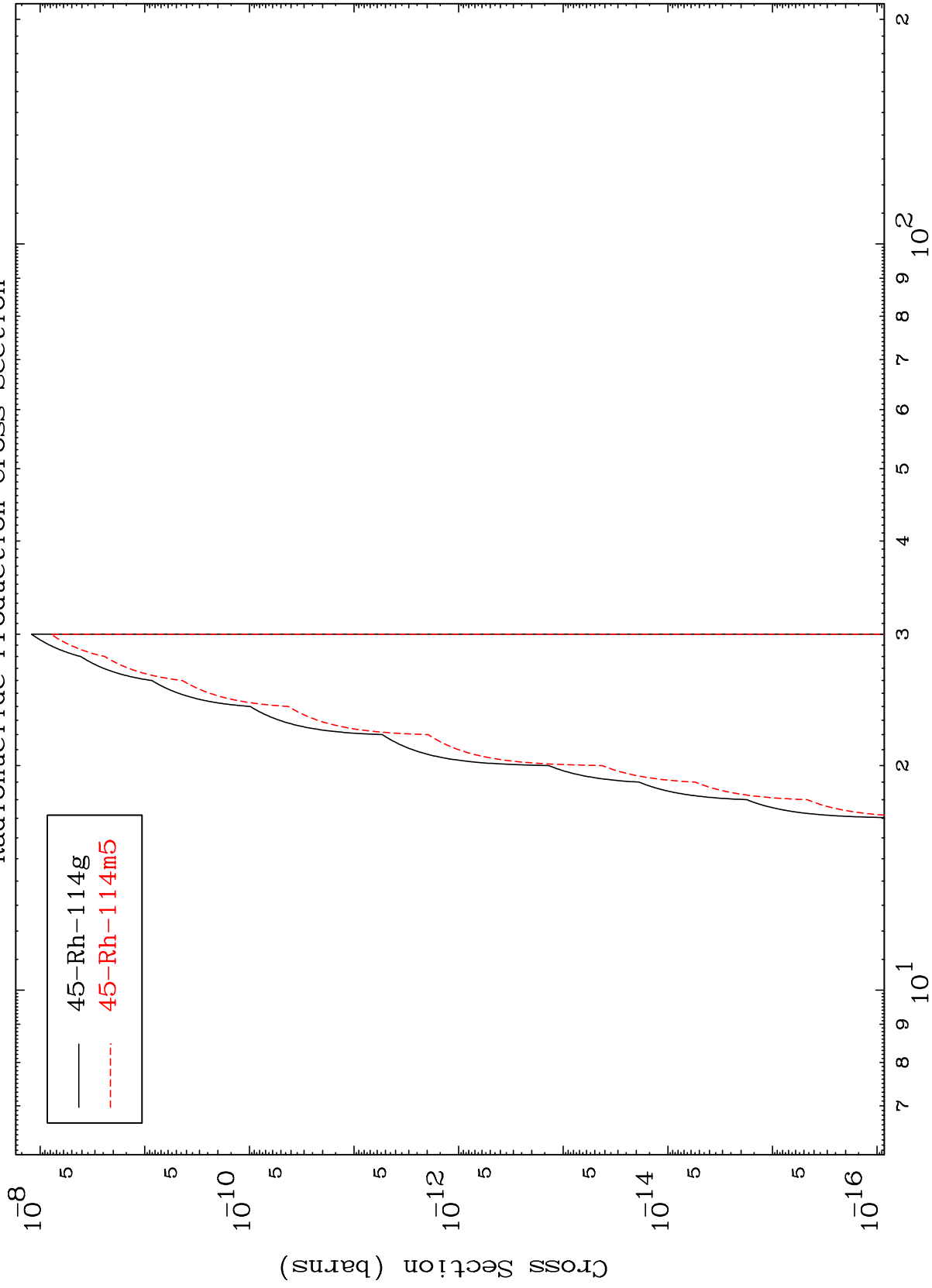


MAT 4758

(n,p) α

47-Ag-118

Radionuclide Production Cross Section



27

Incident Energy (MeV)

47-Ag-118

