

Program EVALPLOT
(Version 2021-1)

by

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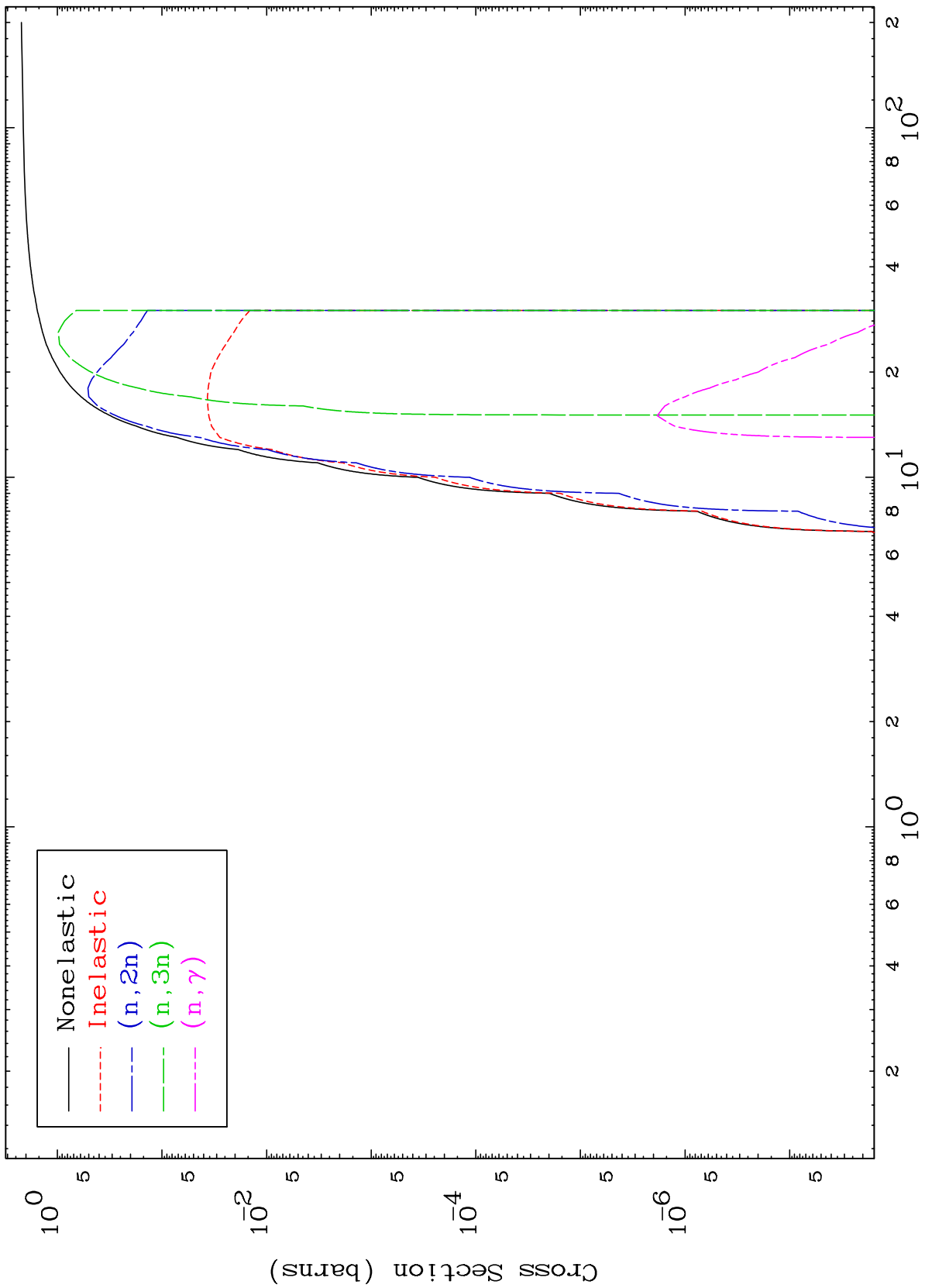
Press Mouse Button to Start

MAT 4762

0 Kelvin

α Major Cross Sections

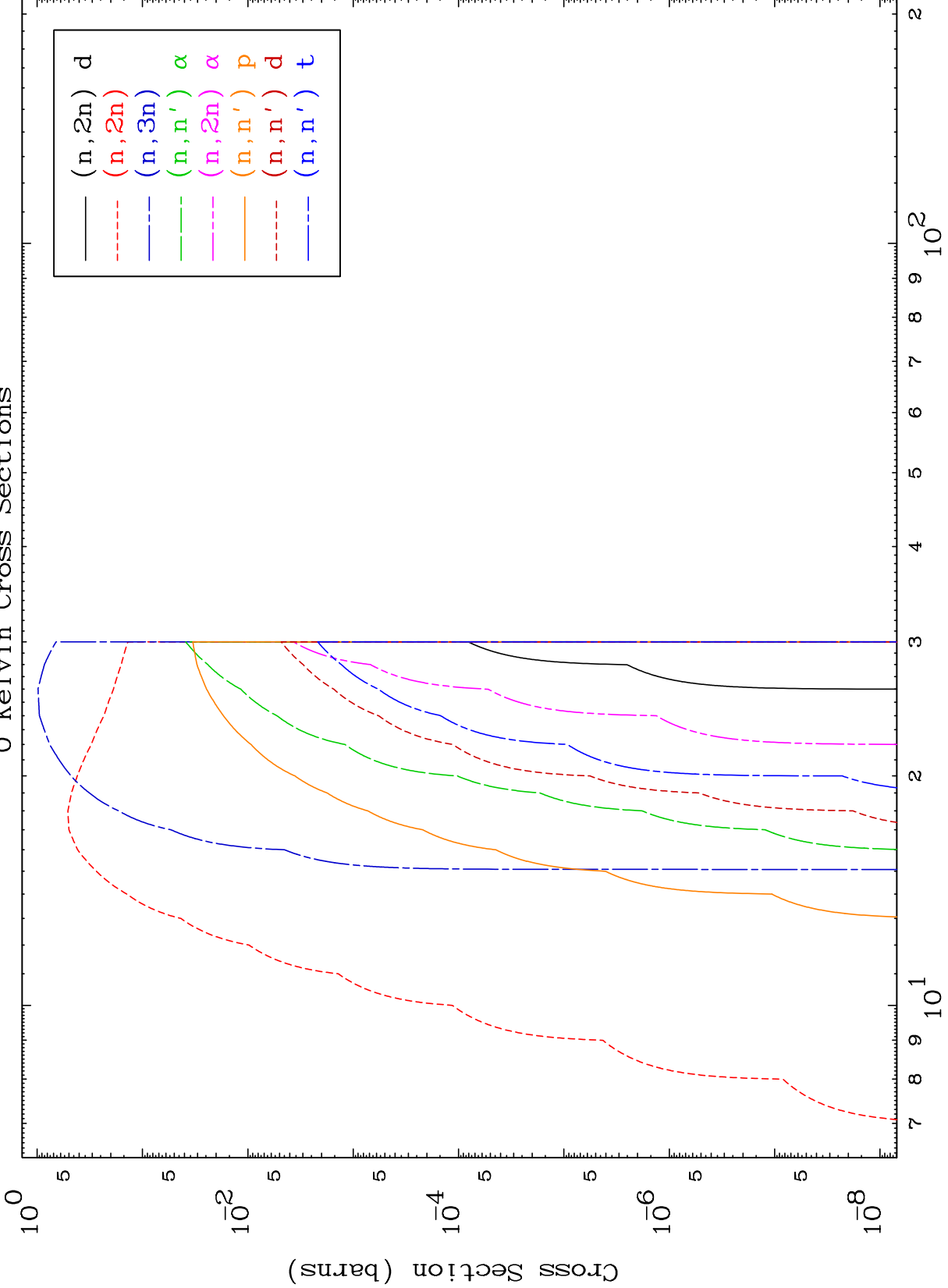
47-Ag-119m



MAT 4762

α Neutron Absorption
0 Kelvin Cross Sections

47-Ag-119m



2

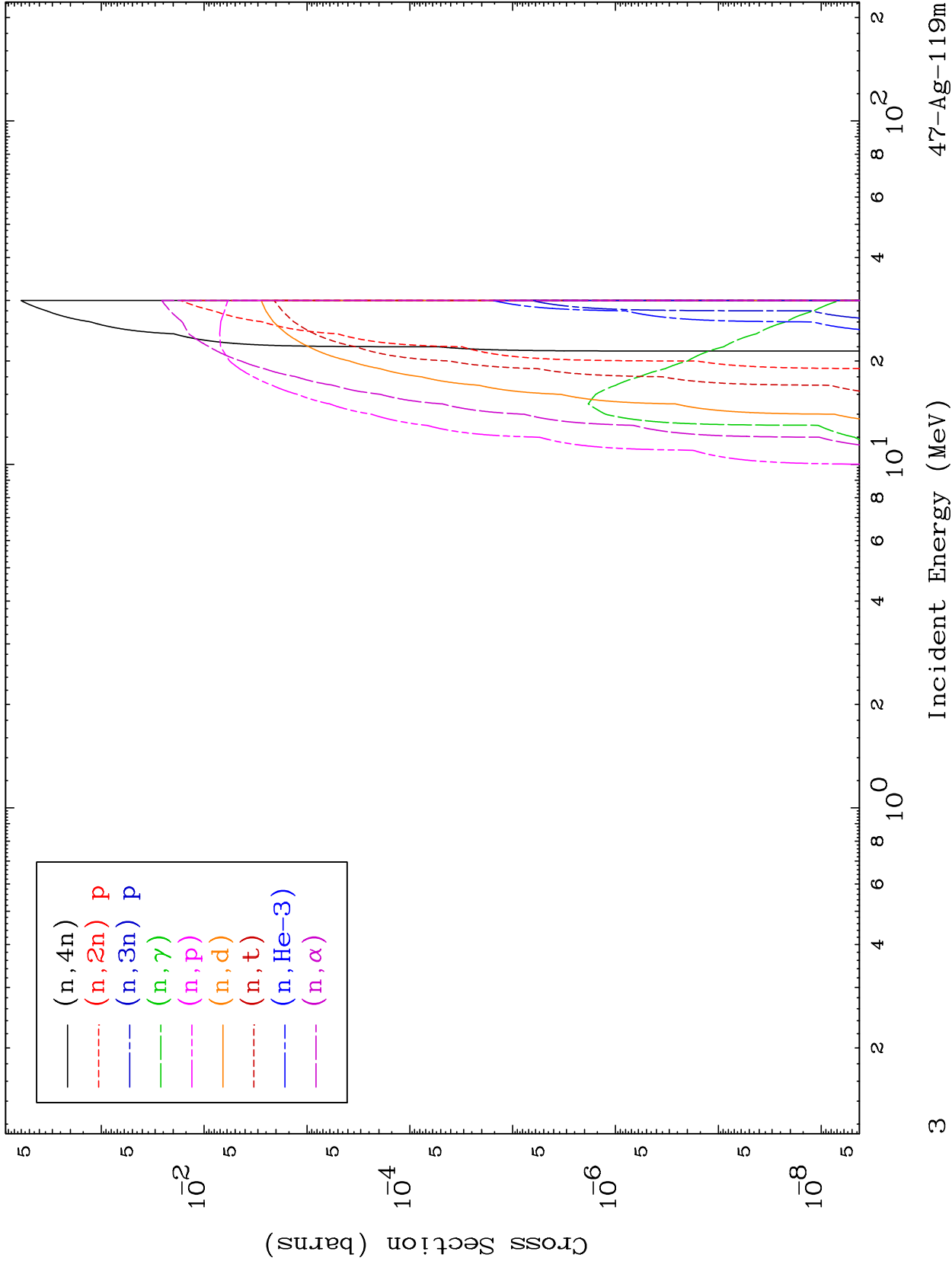
Incident Energy (MeV)

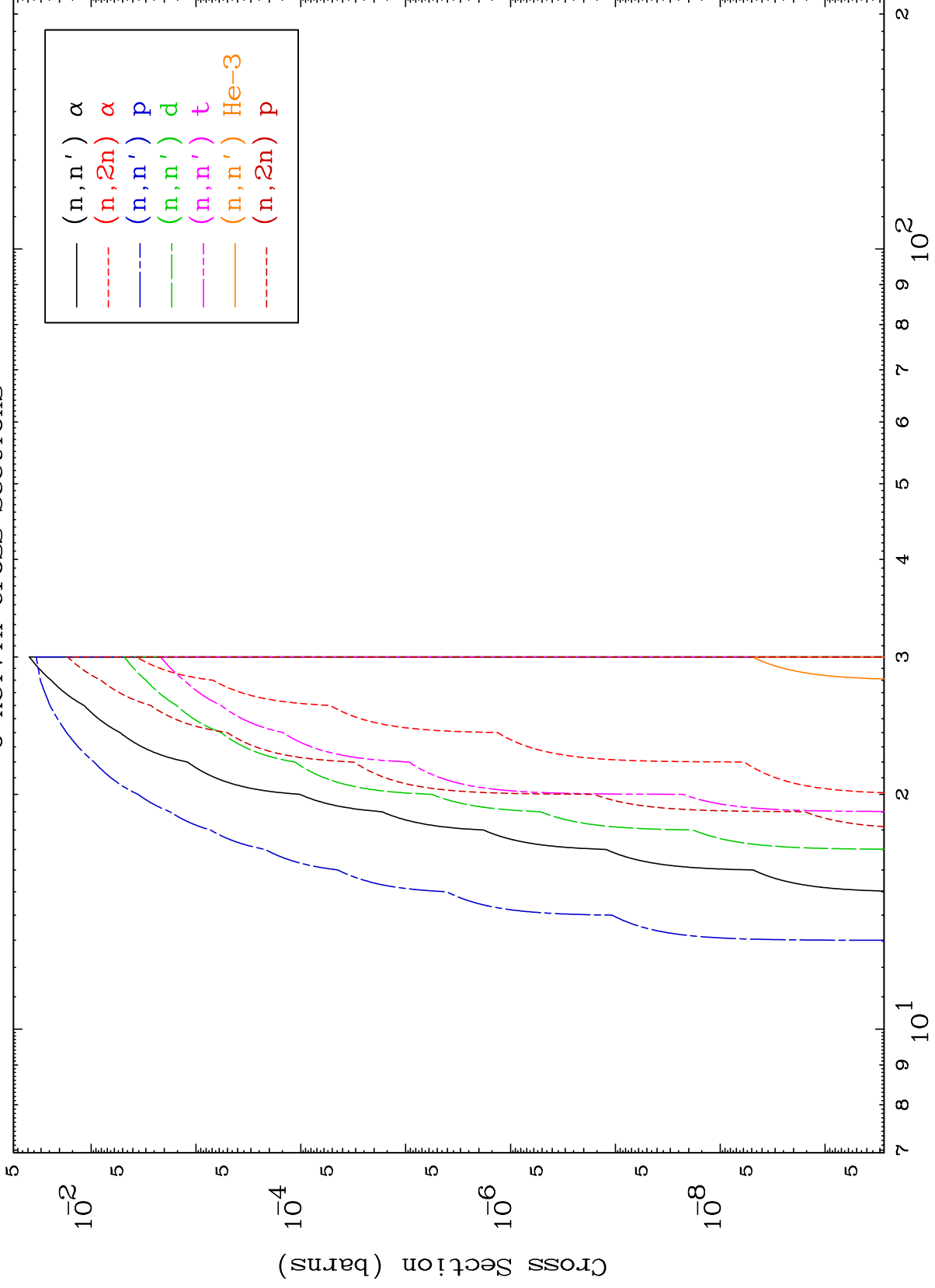
47-Ag-119m

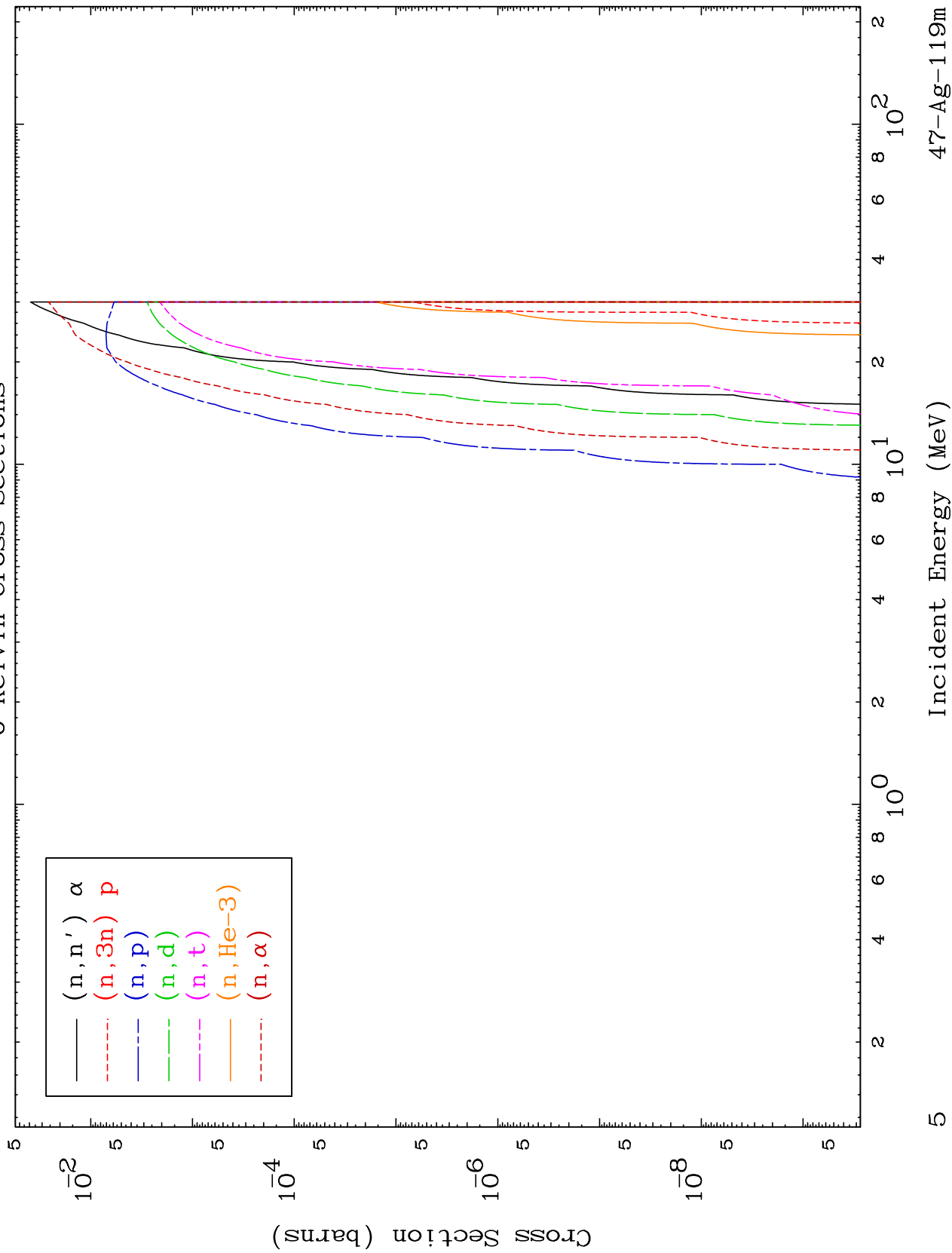
MAT 4762

α Neutron Absorption
0 Kelvin Cross Sections

47-Ag-119m





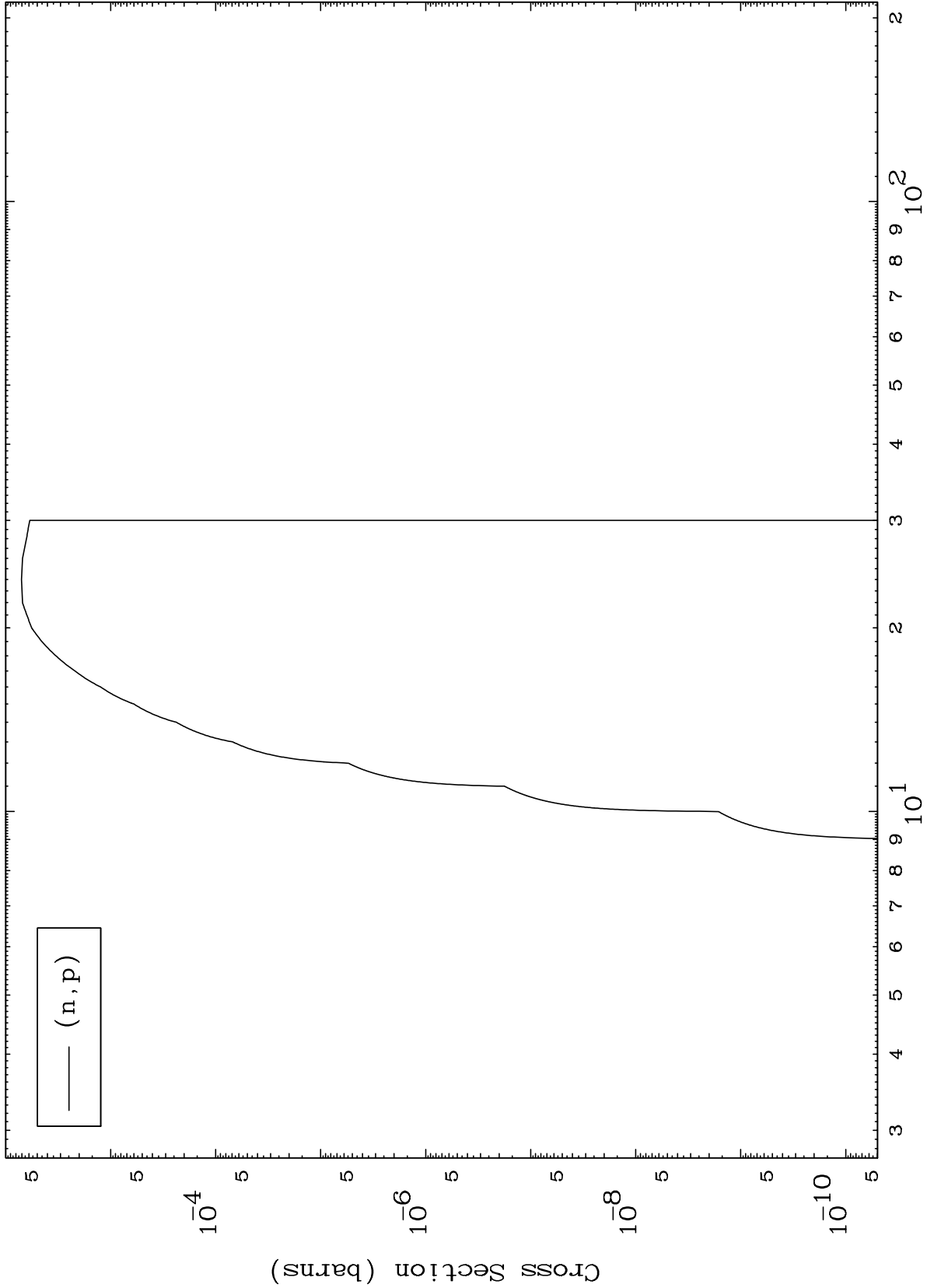


MAT 4762

(α, p) Levels

47-Ag-119m

0 Kelvin Cross Sections



Incident Energy (MeV)

47-Ag-119m

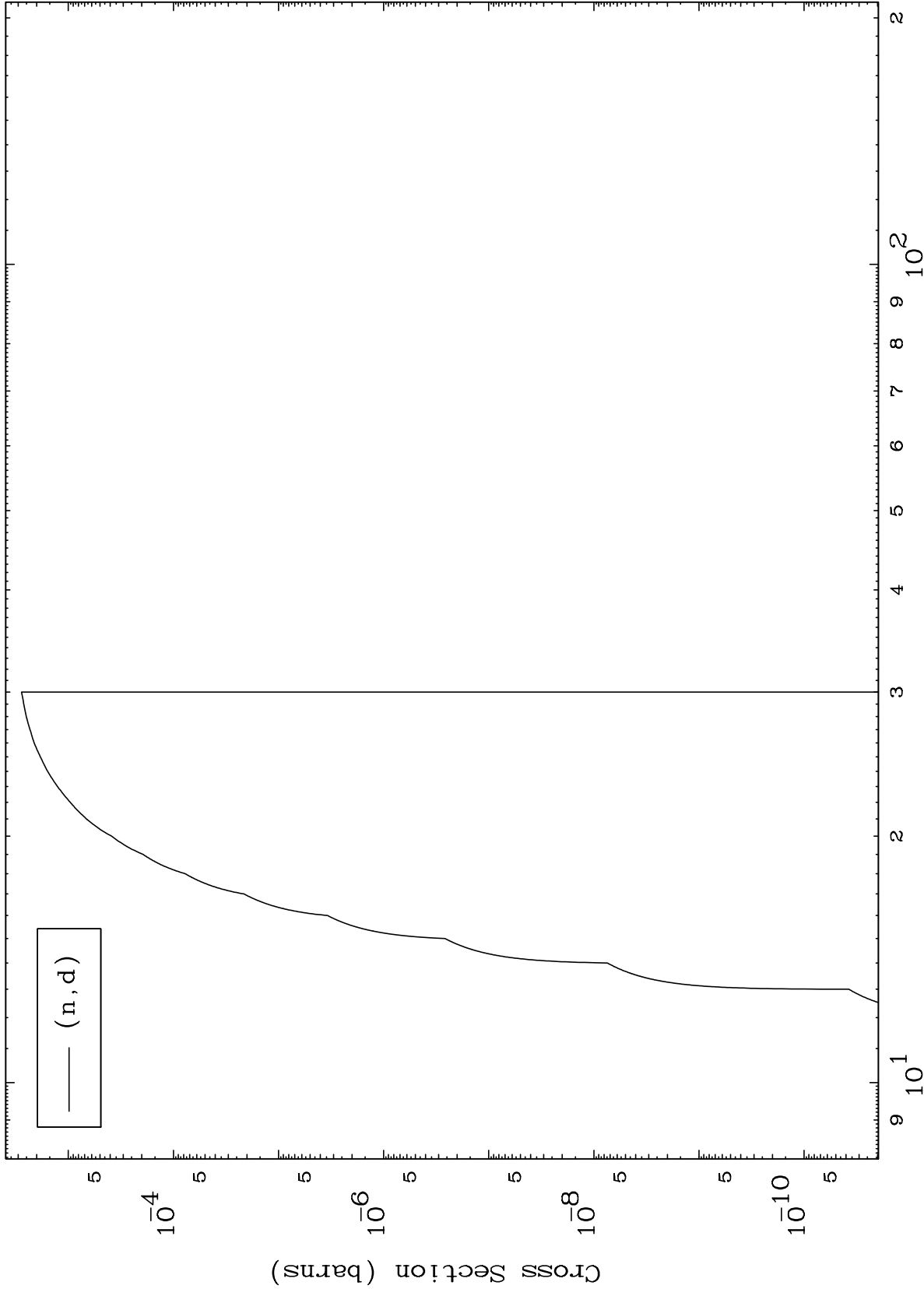
6

MAT 4762

(α, d) Levels

47-Ag-119m

0 Kelvin Cross Sections



(n, d)

Incident Energy (MeV)

47-Ag-119m

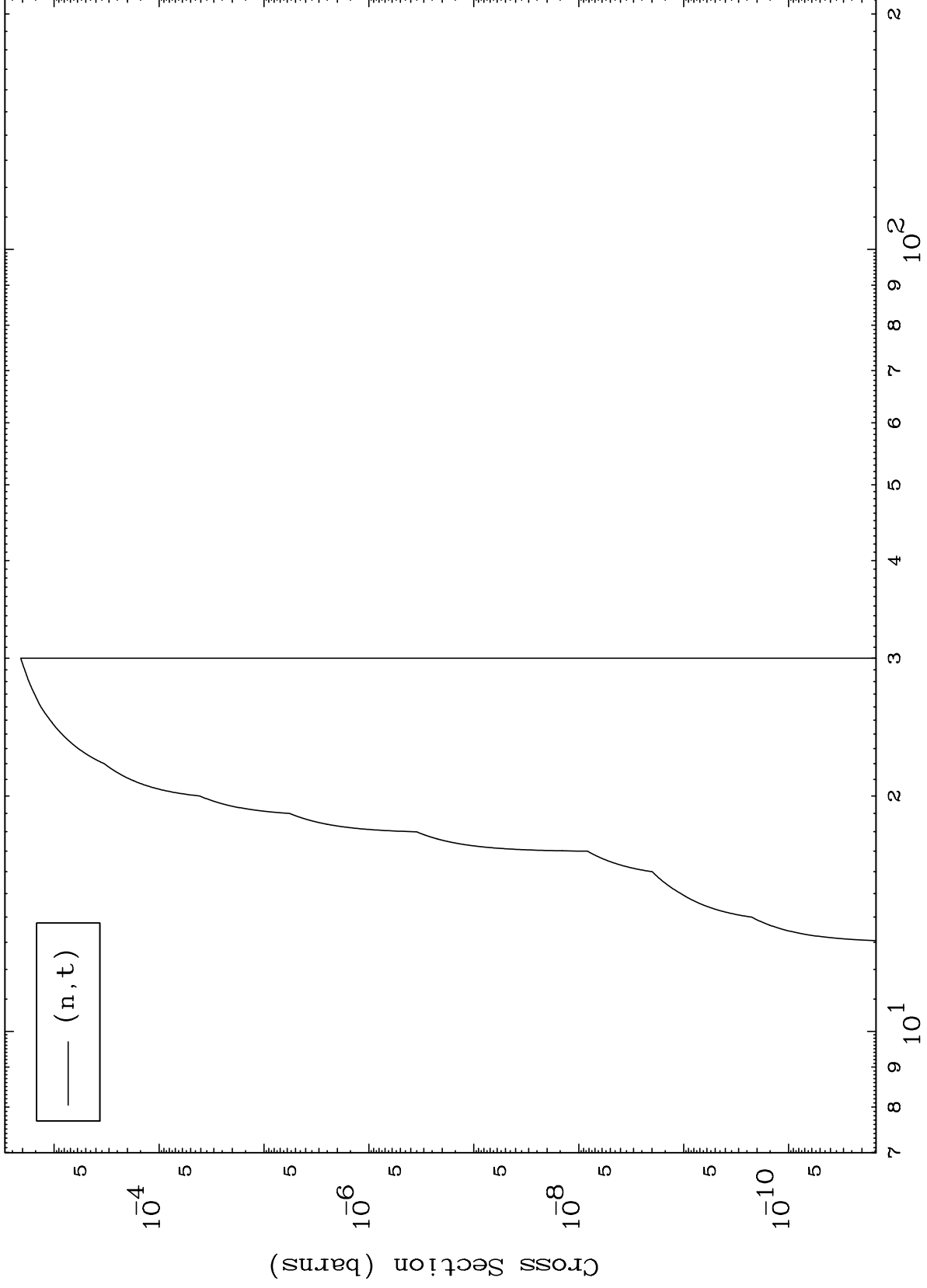
7

MAT 4762

(α, t) Levels

47-Ag-119m

0 Kelvin Cross Sections

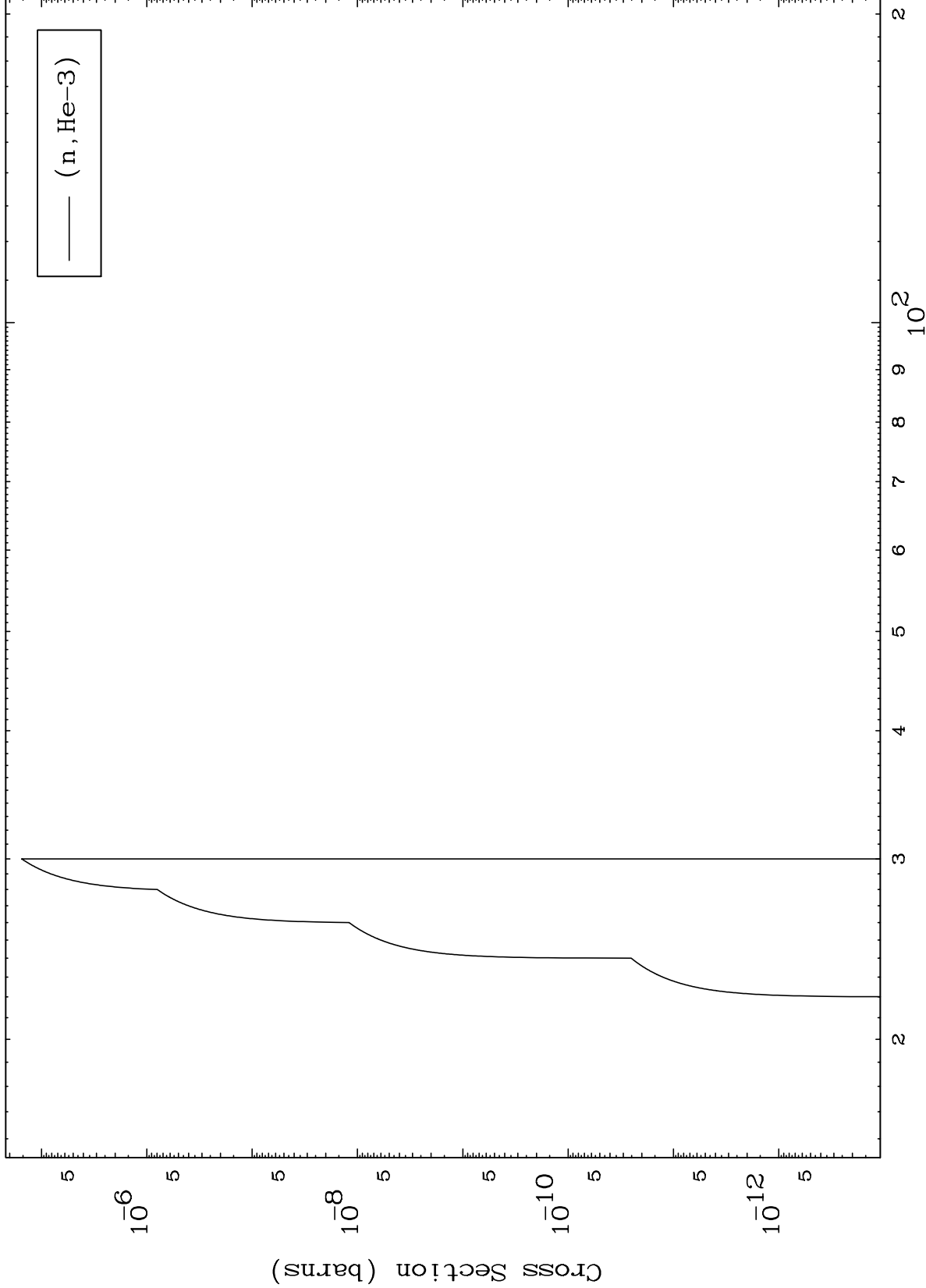


8

Incident Energy (MeV)

47-Ag-119m

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

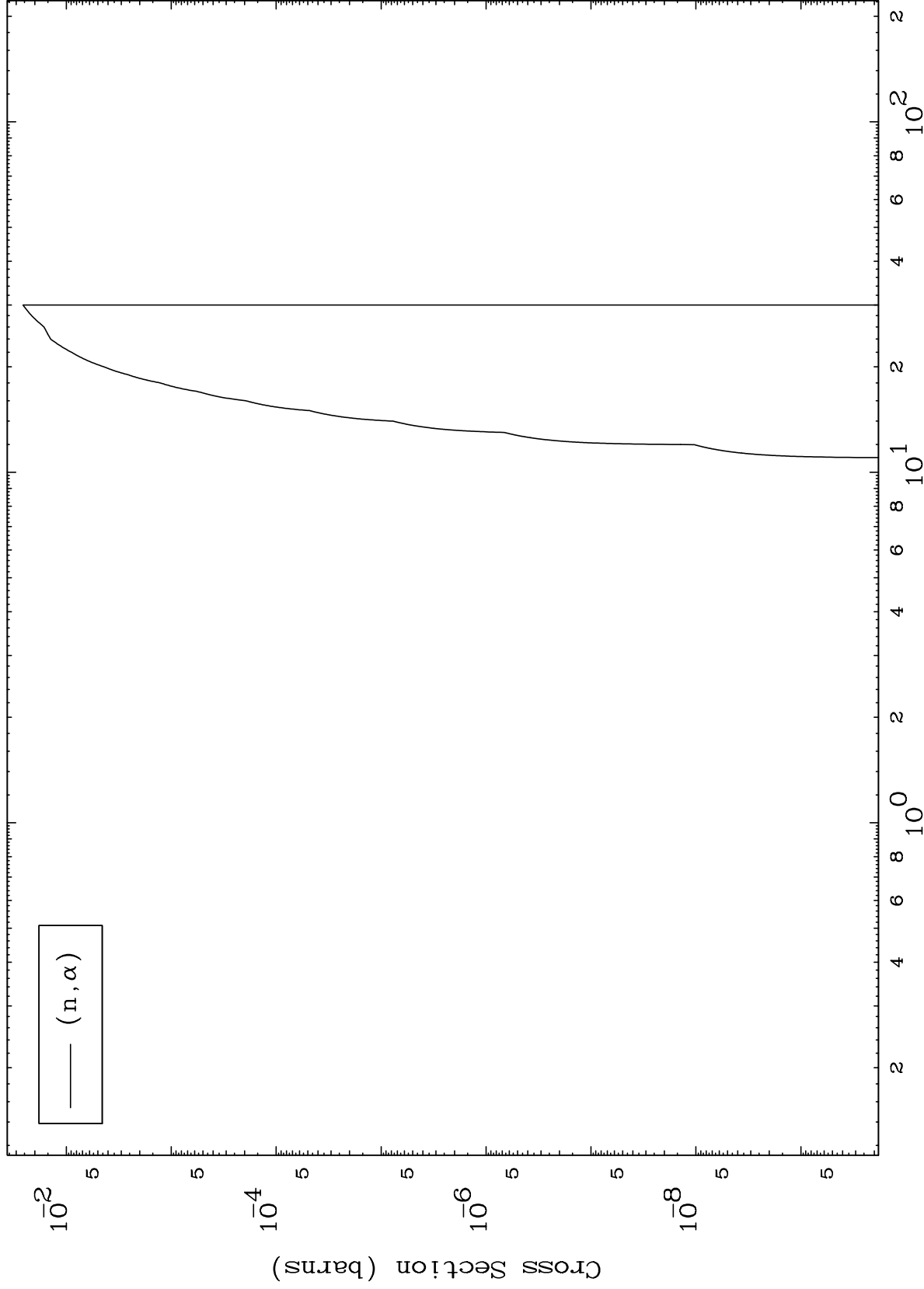


MAT 4762

(α, α) Levels

47-Ag-119m

0 Kelvin Cross Sections



10

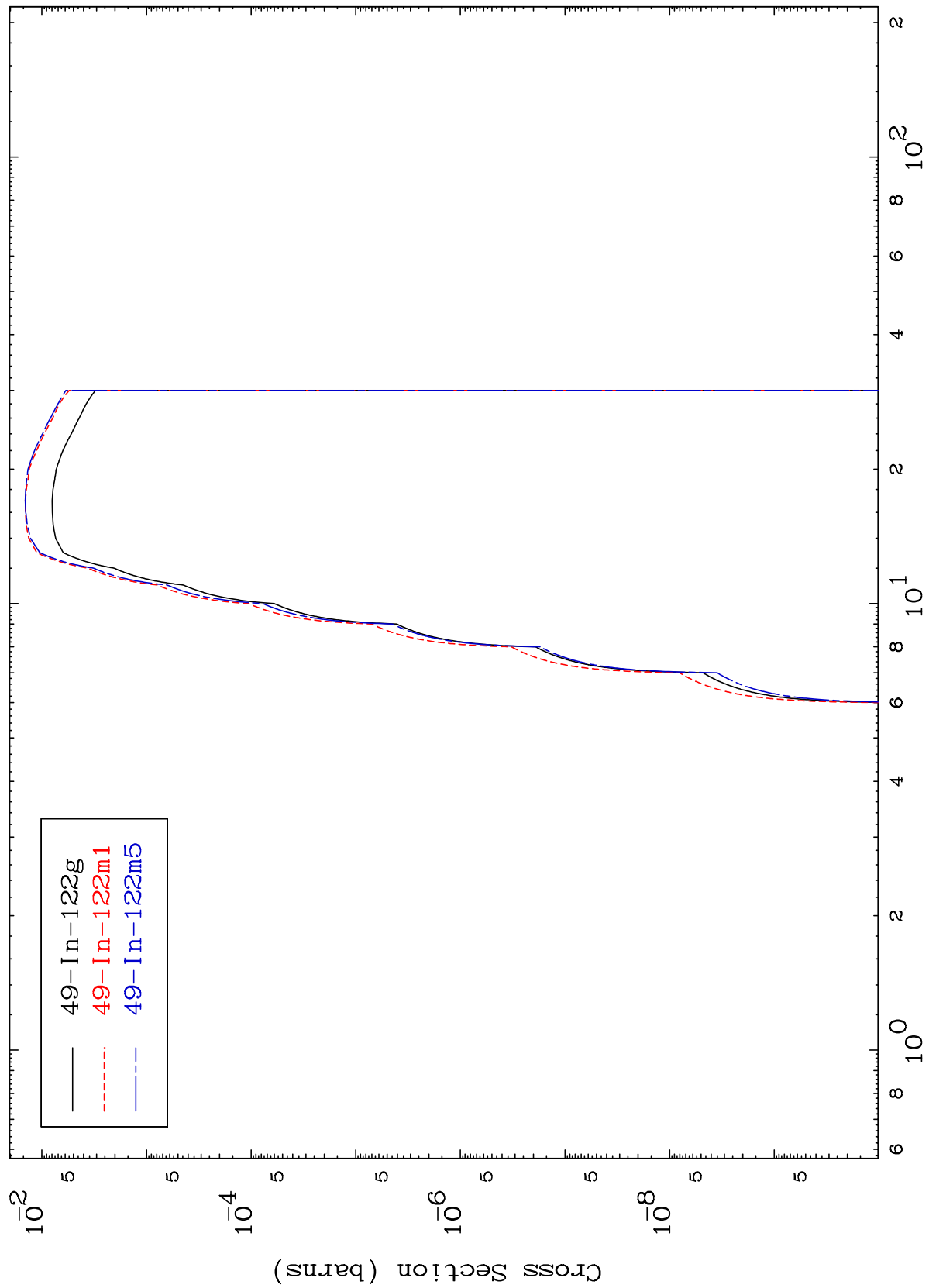
Incident Energy (MeV)

47-Ag-119m

MAT 4762

47-Ag-119m

Inelastic Radionuclide Production Cross Section



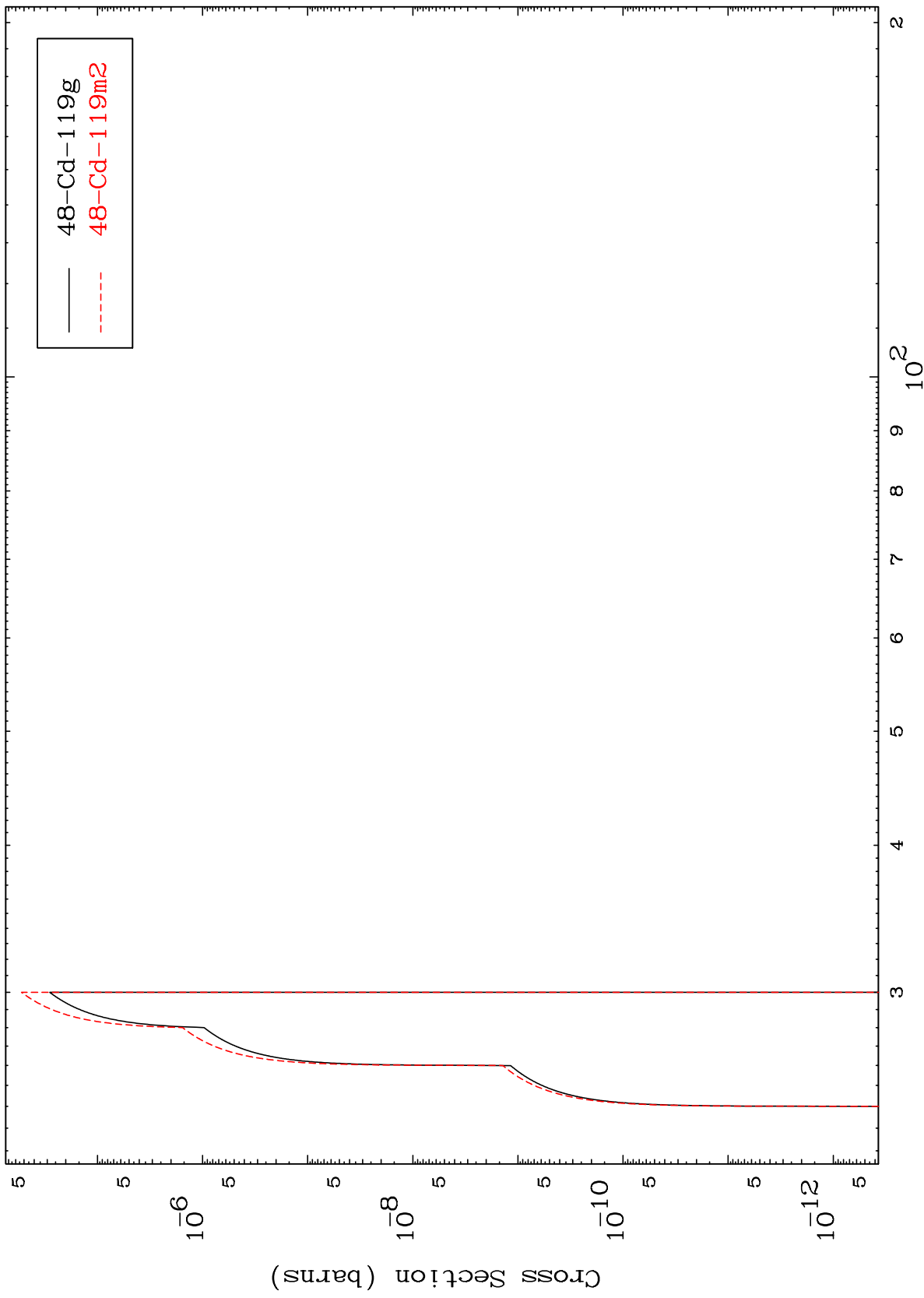
Incident Energy (MeV)

47-Ag-119m

MAT 4762

47-Ag-119m

(n,2n) d
Radionuclide Production Cross Section



47-Ag-119m

Incident Energy (MeV)

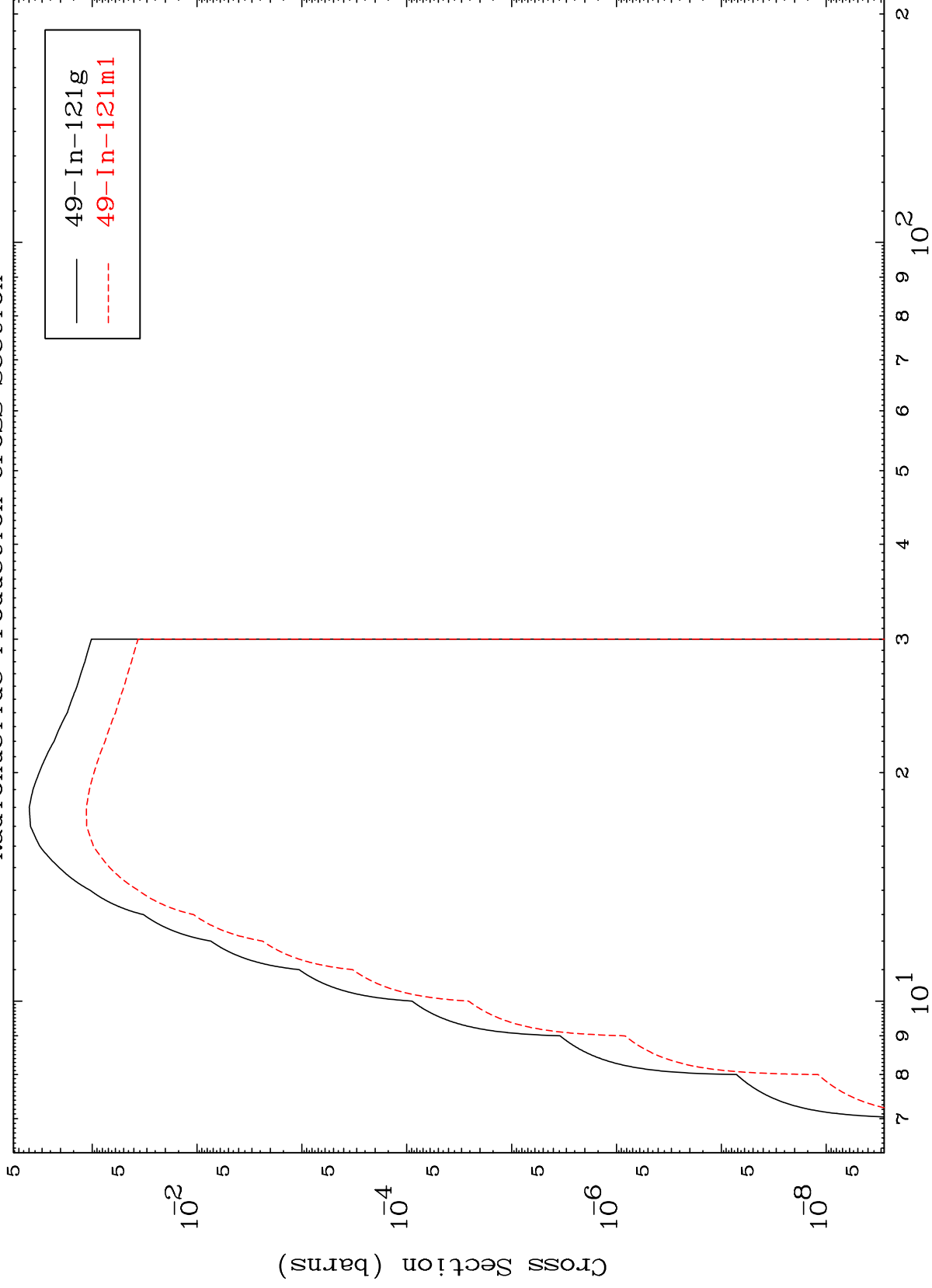
12

MAT 4762

(n,2n)

47-Ag-119m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

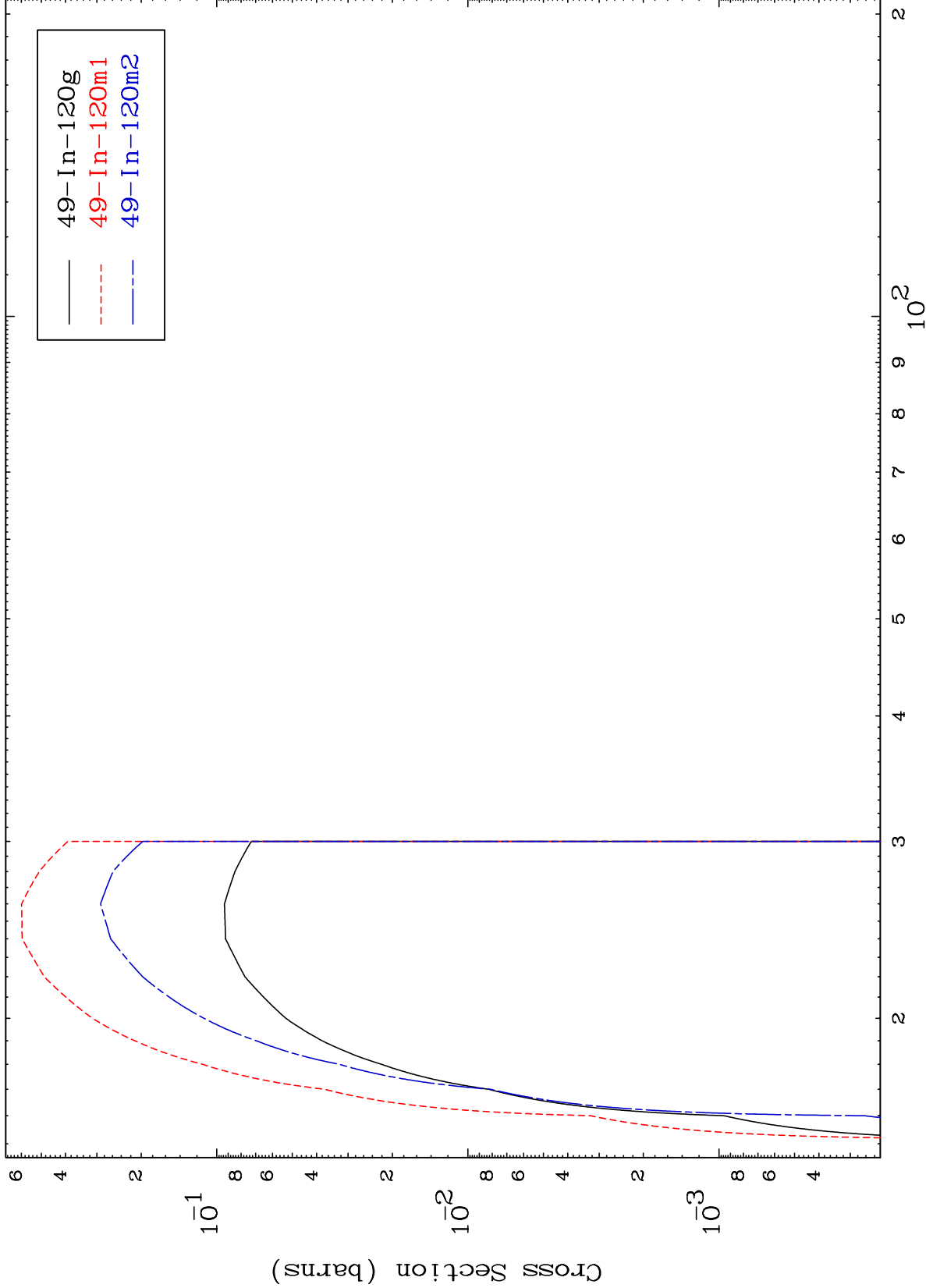
47-Ag-119m

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(n,3n)

47-Ag-119m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

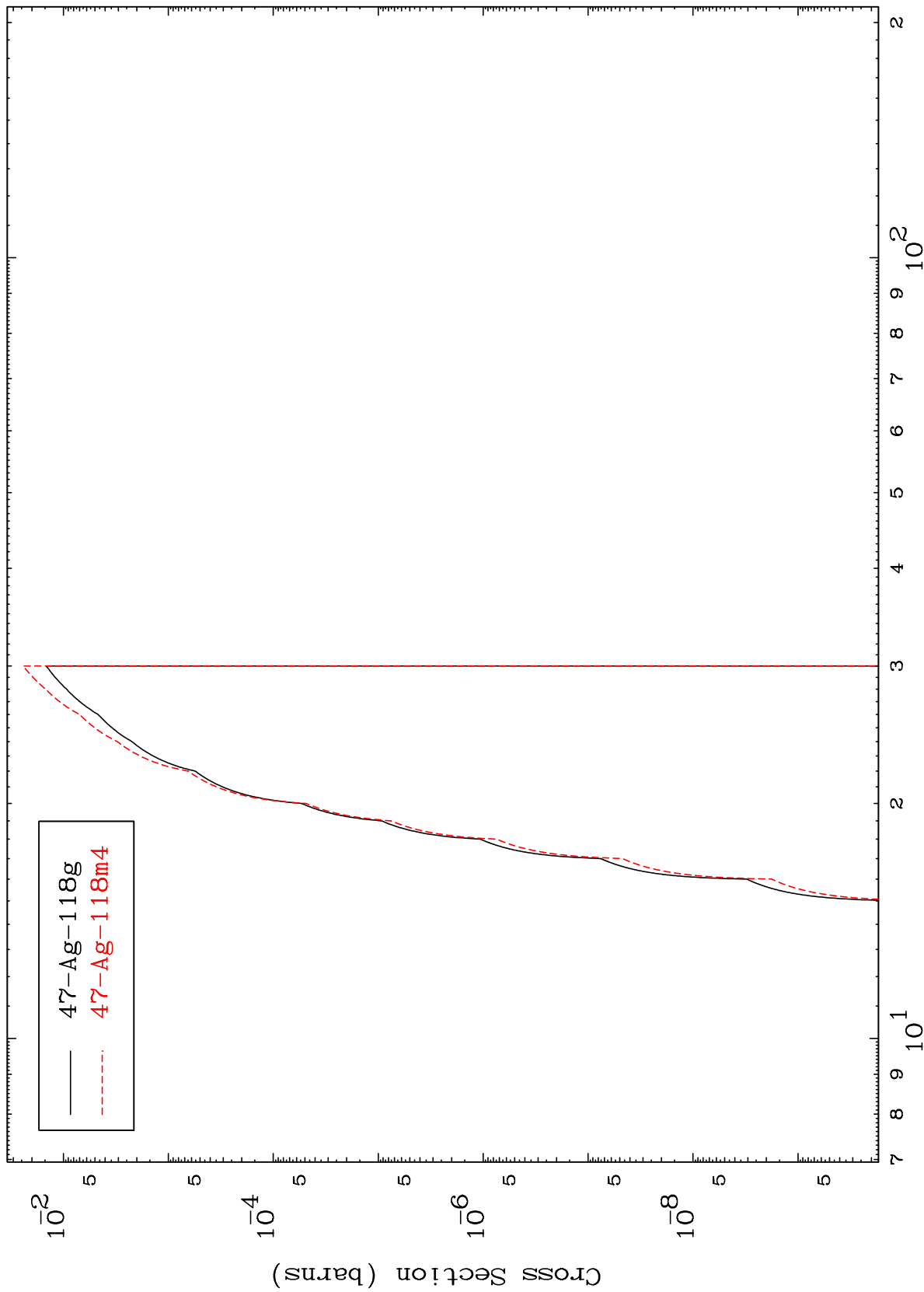
47-Ag-119m

MAT 4762

(n,n') α

47-Ag-119m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

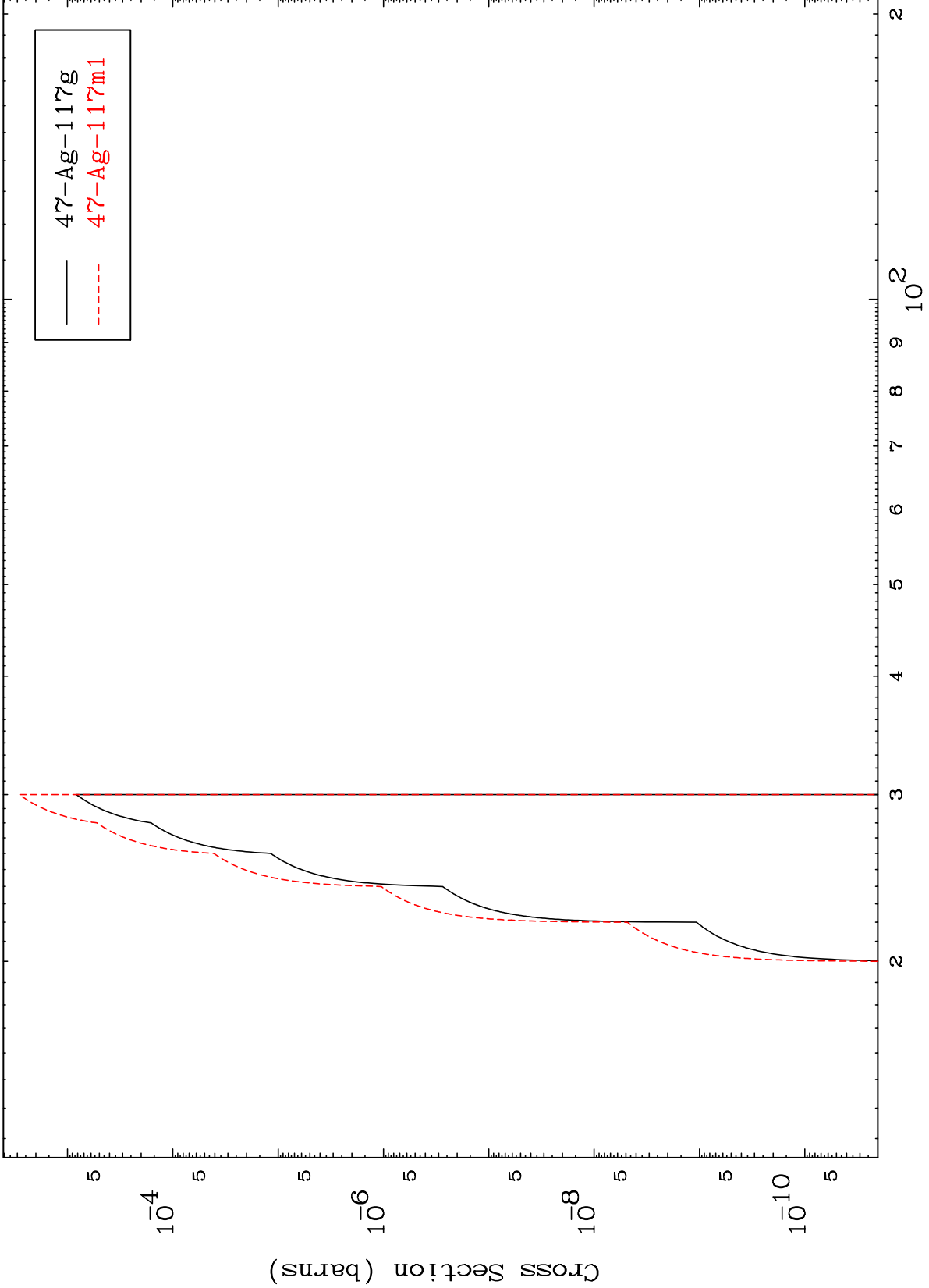
47-Ag-119m

MAT 4762

(n,2n) α

47-Ag-119m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

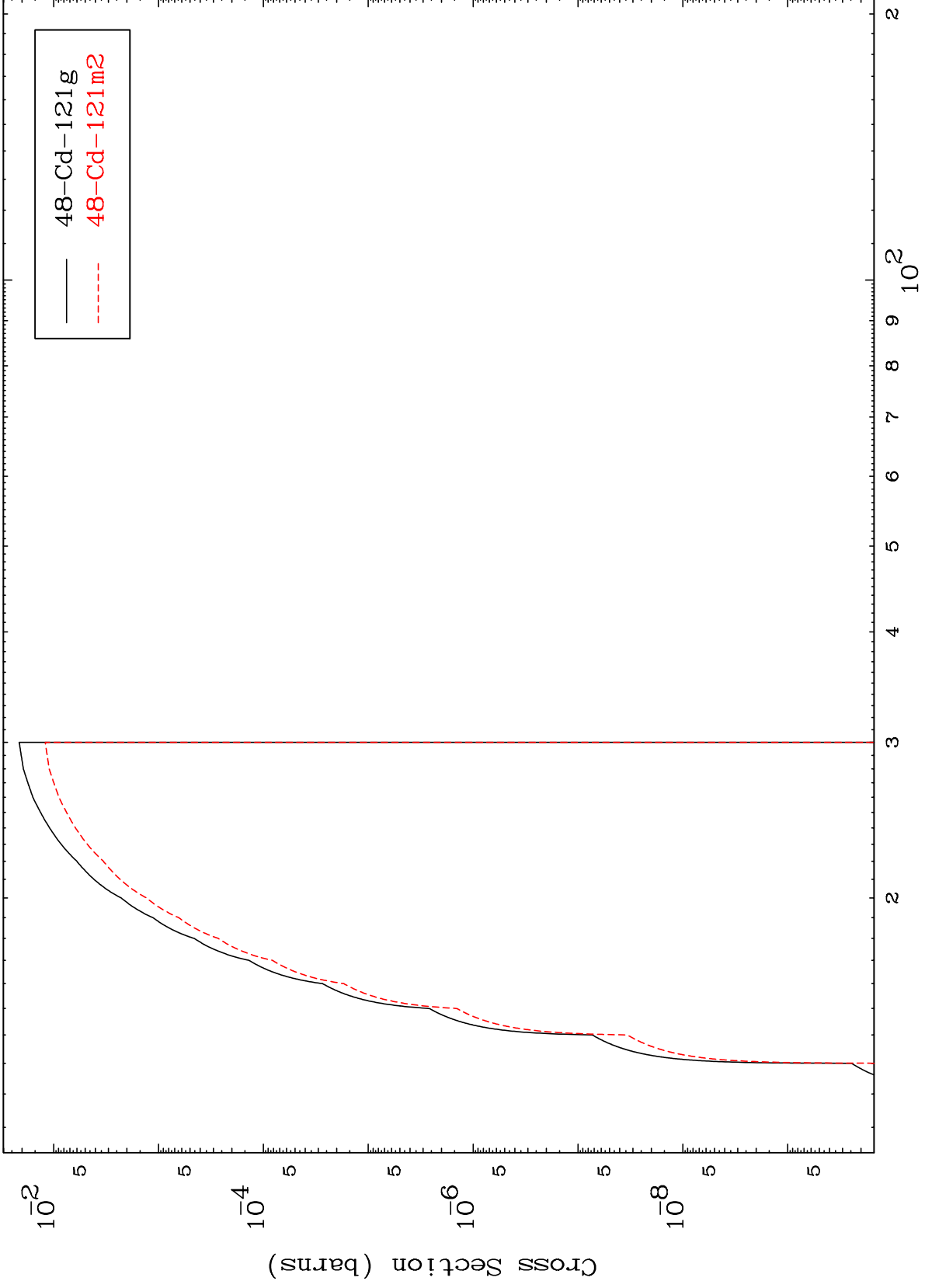
47-Ag-119m

MAT 4762

(n,n') p

47-Ag-119m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

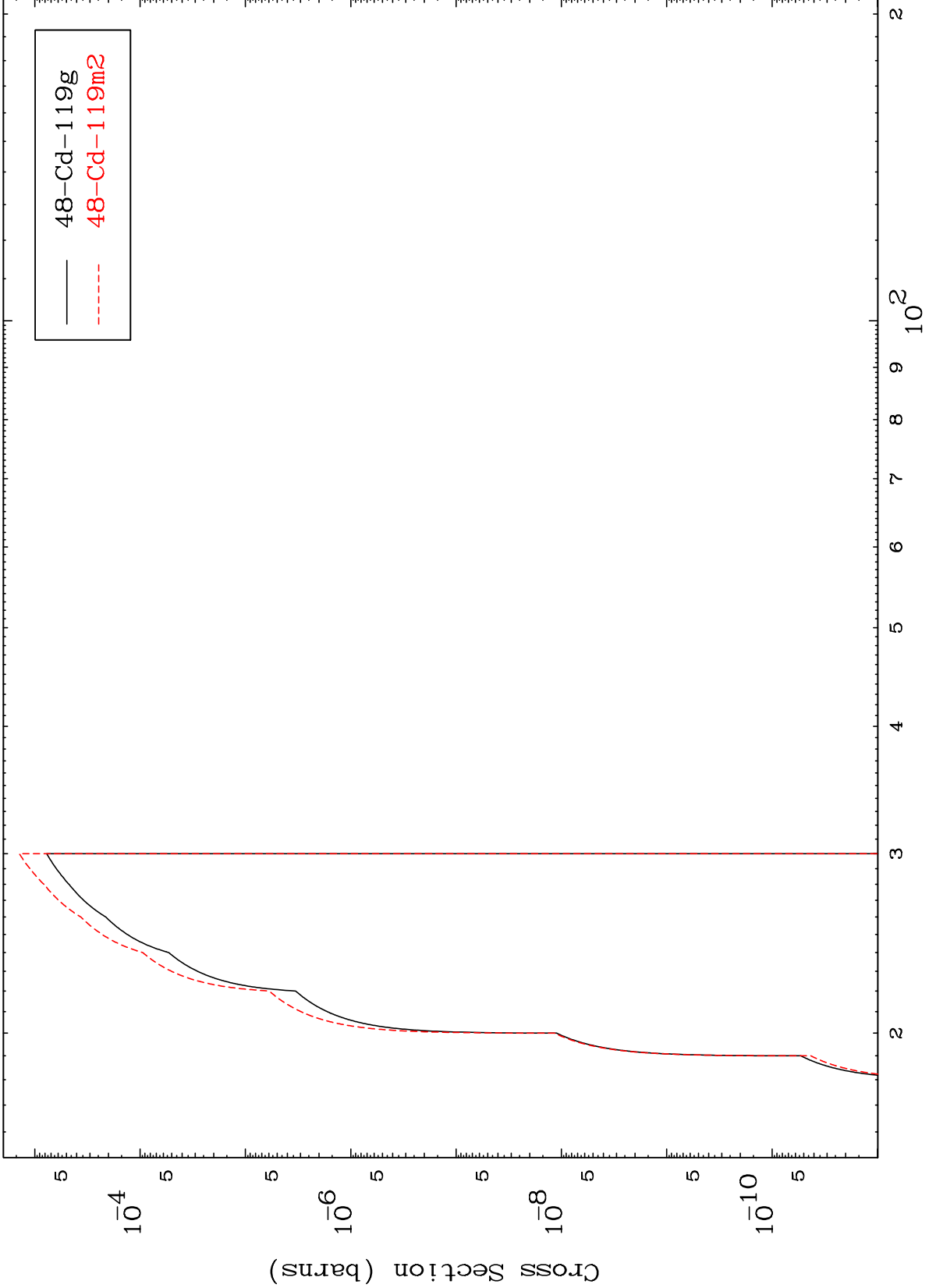
47-Ag-119m

MAT 4762

(n,n') t

47-Ag-119m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

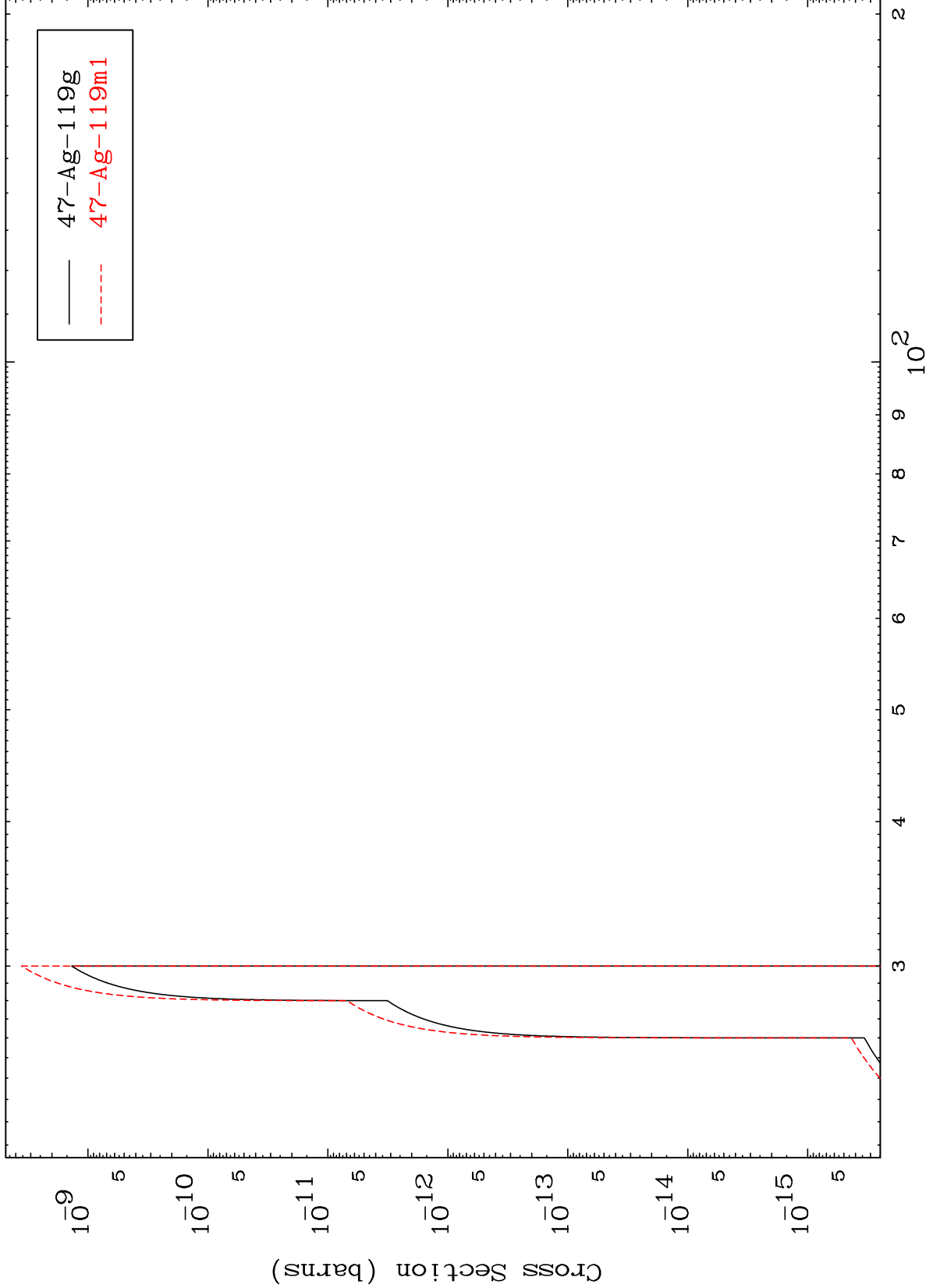
47-Ag-119m

MAT 4762

(n,n') He-3

47-Ag-119m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

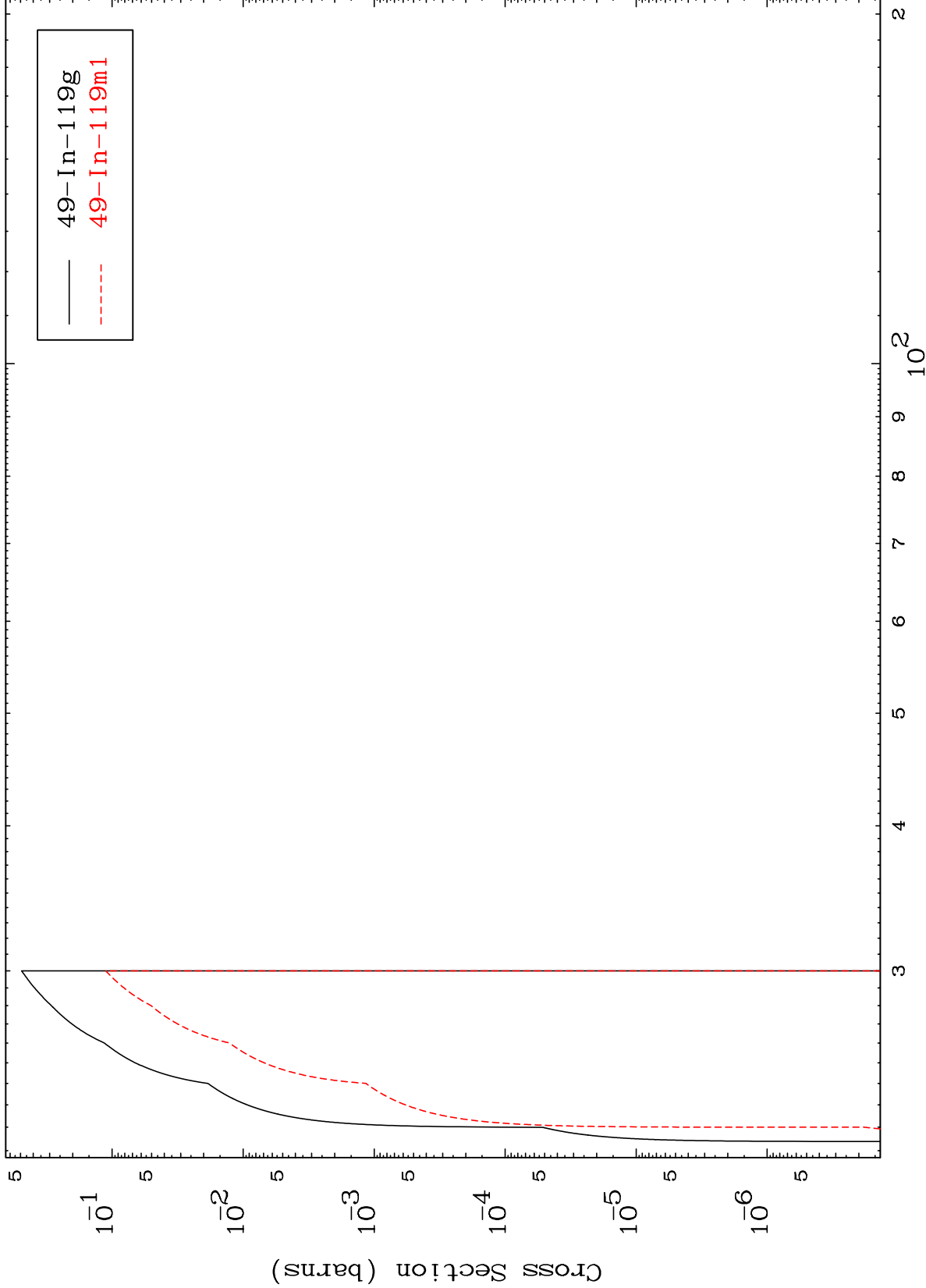
47-Ag-119m

MAT 4762

(n,4n)

47-Ag-119m

Radionuclide Production Cross Section



49-In-119g
49-In-119m1

20

Incident Energy (MeV)

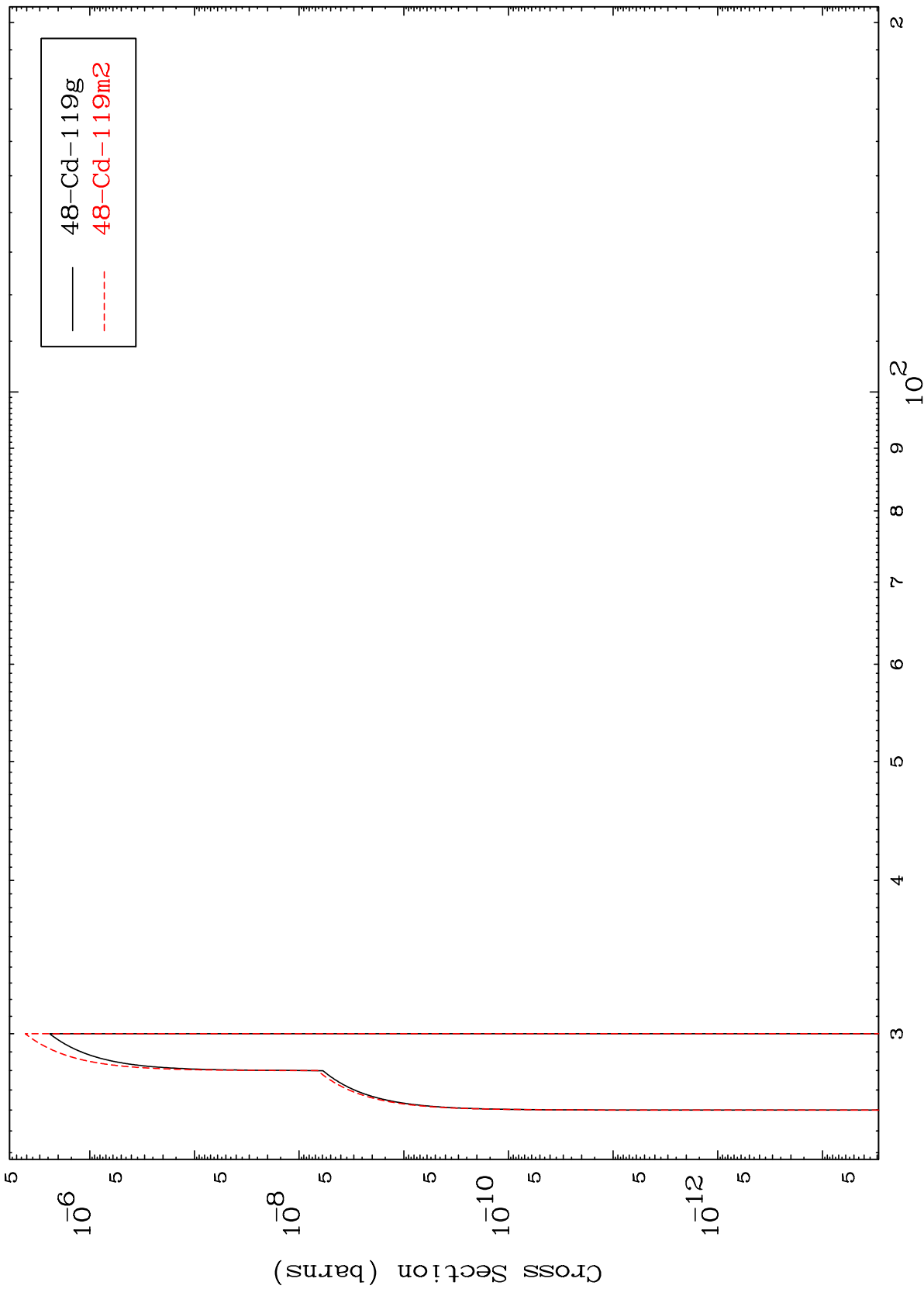
47-Ag-119m

MAT 4762

(n,3n) p

47-Ag-119m

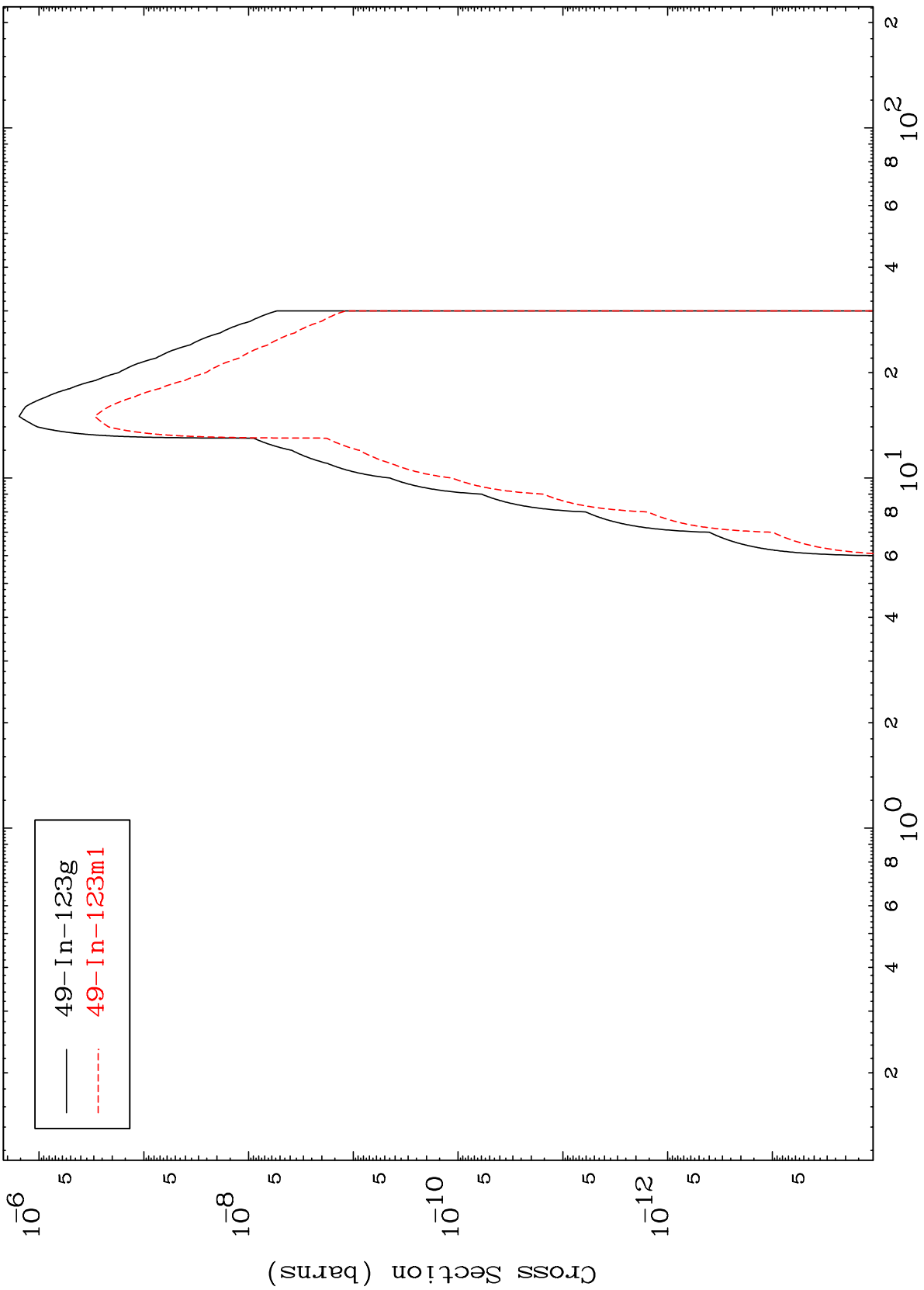
Radionuclide Production Cross Section



MAT 4762

47-Ag-119m

Radionuclide Production Cross Section
(n, γ)



— 49-In-123g
- - - 49-In-123m1

47-Ag-119m

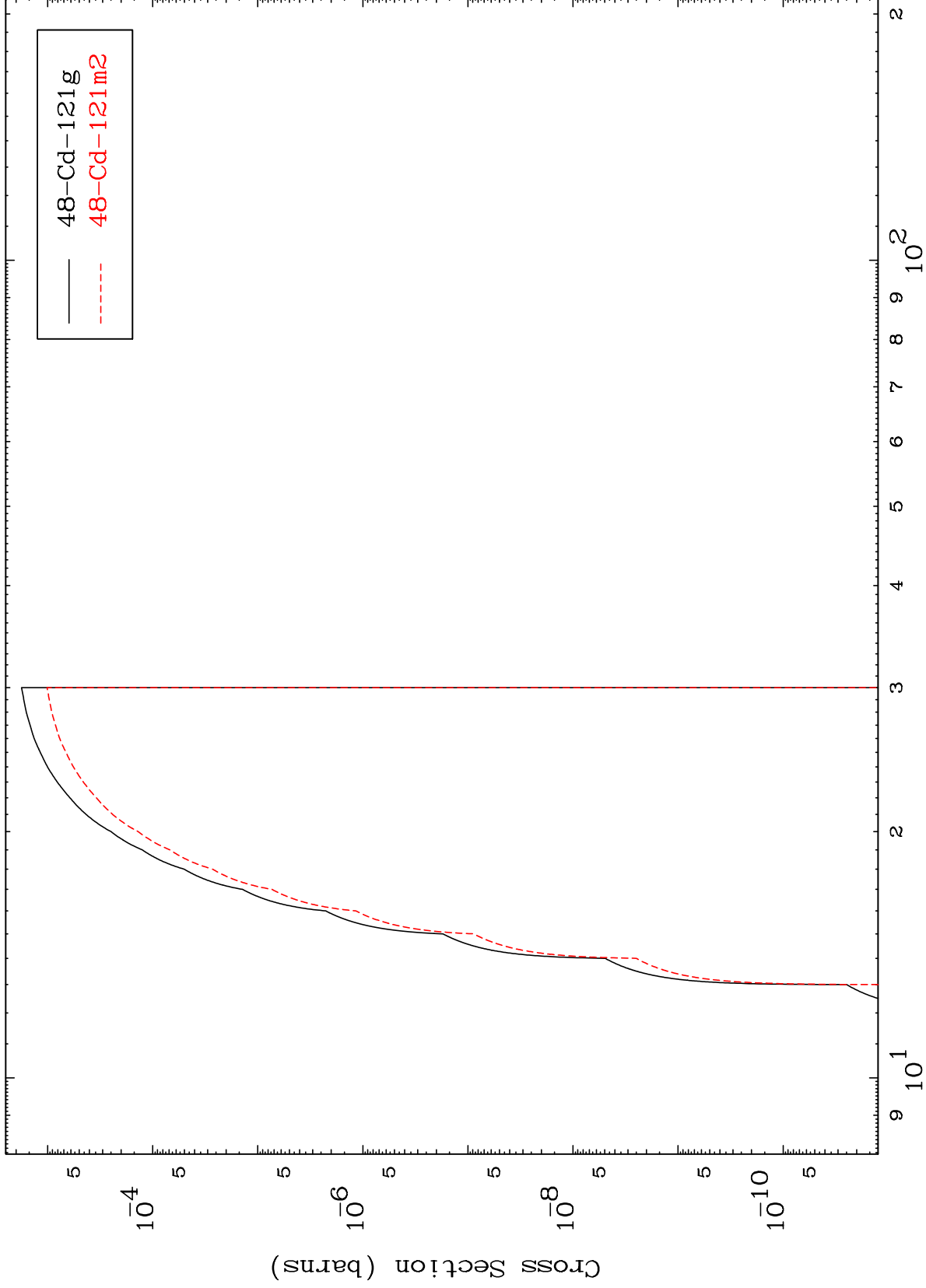
Incident Energy (MeV)

MAT 4762

(n,d)

47-Ag-119m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

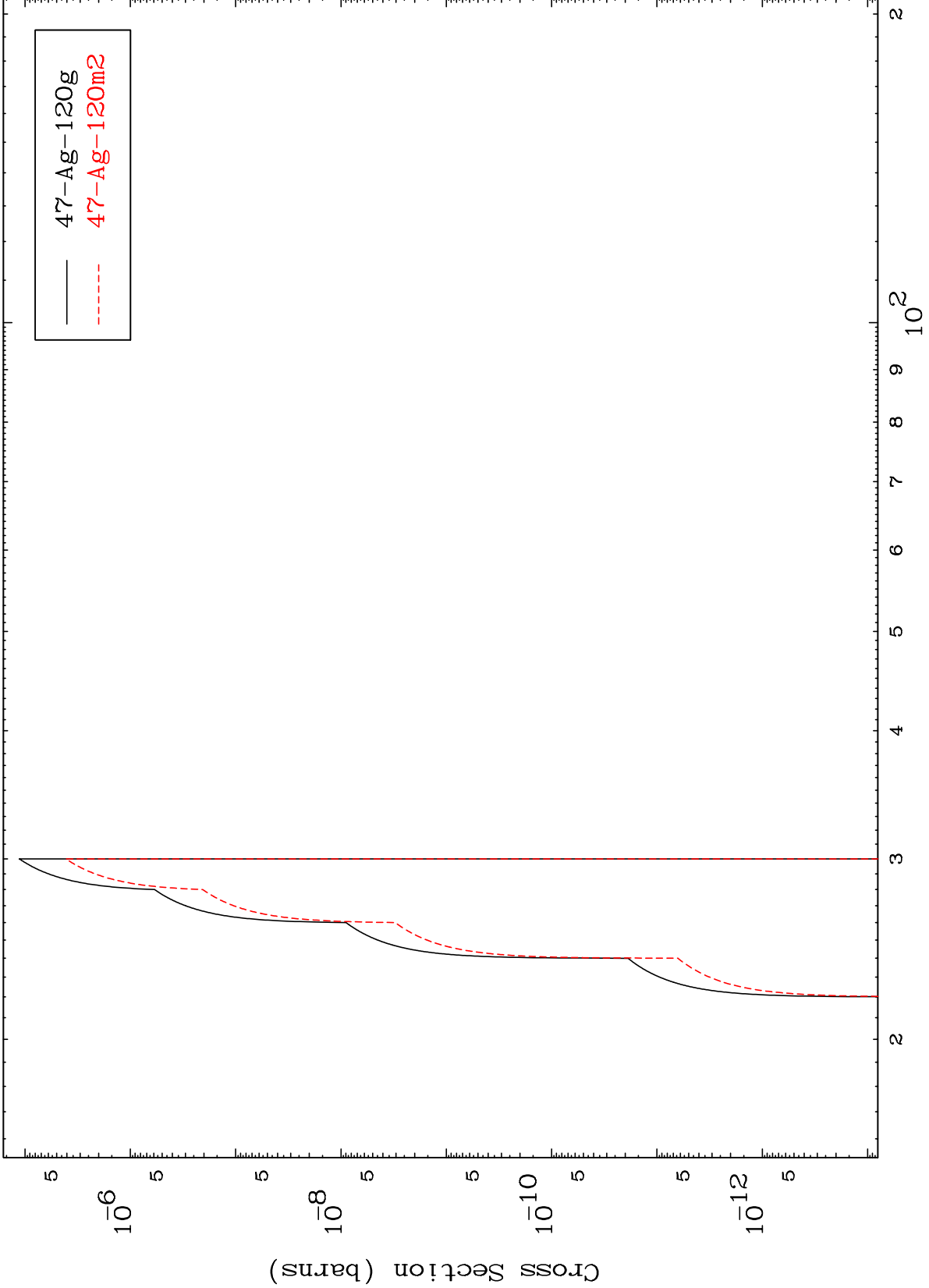
47-Ag-119m

MAT 4762

(n,He-3)

47-Ag-119m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

47-Ag-119m

MAT 4762

47-Ag-119m

