

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

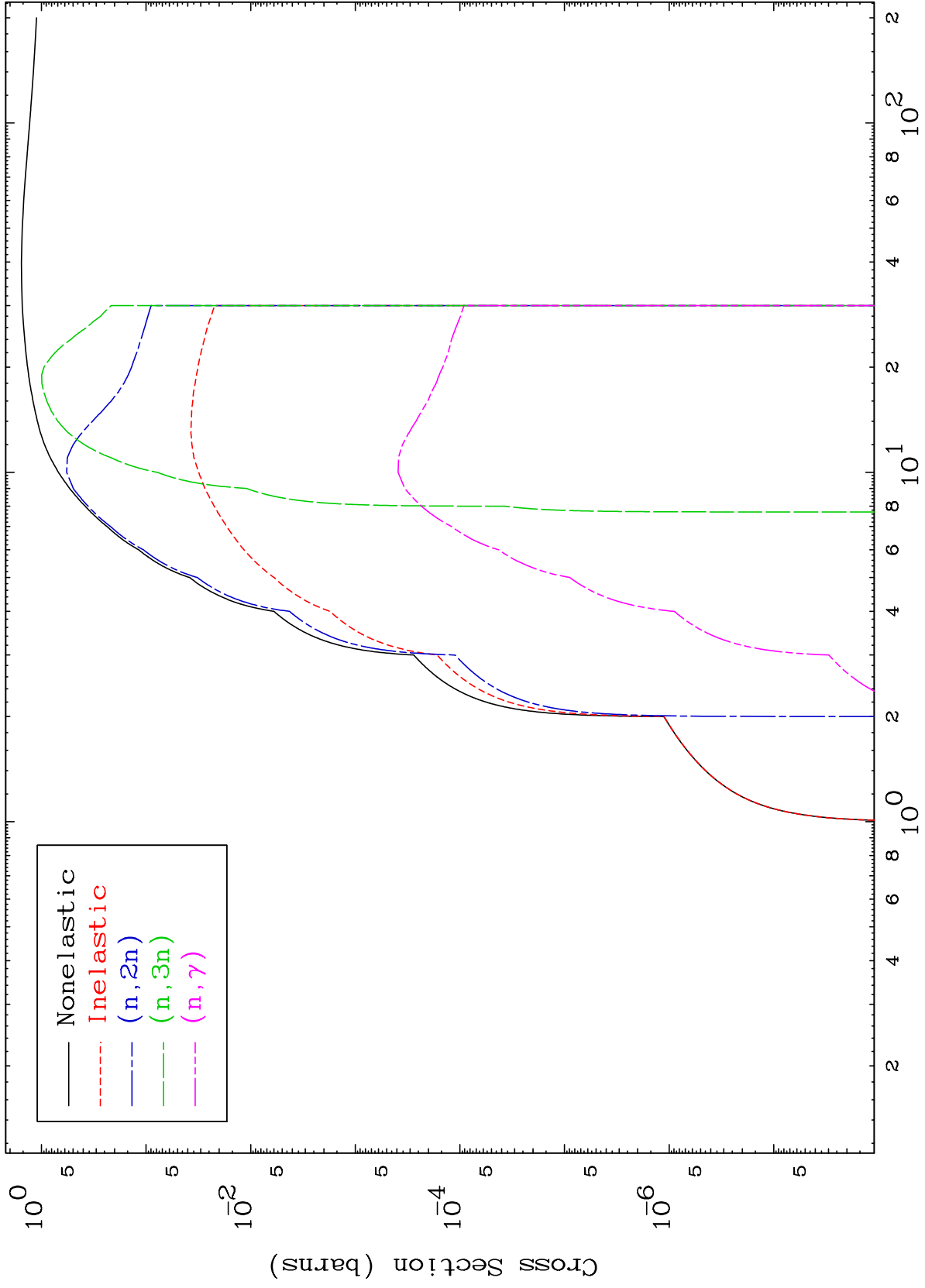
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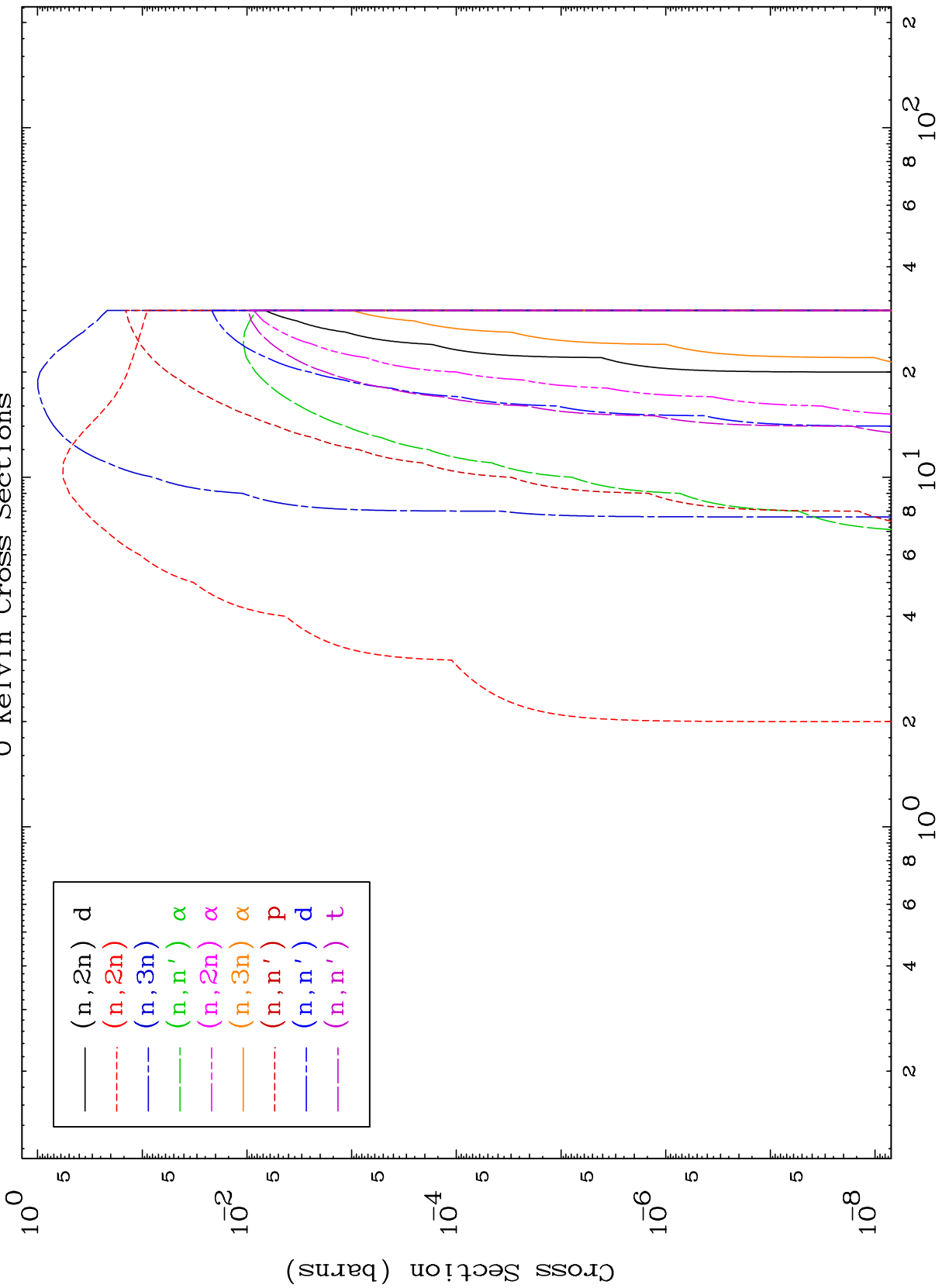
Press Mouse Button to Start



MAT 4759

Proton Neutron Absorption
0 Kelvin Cross Sections

47-Ag-118m



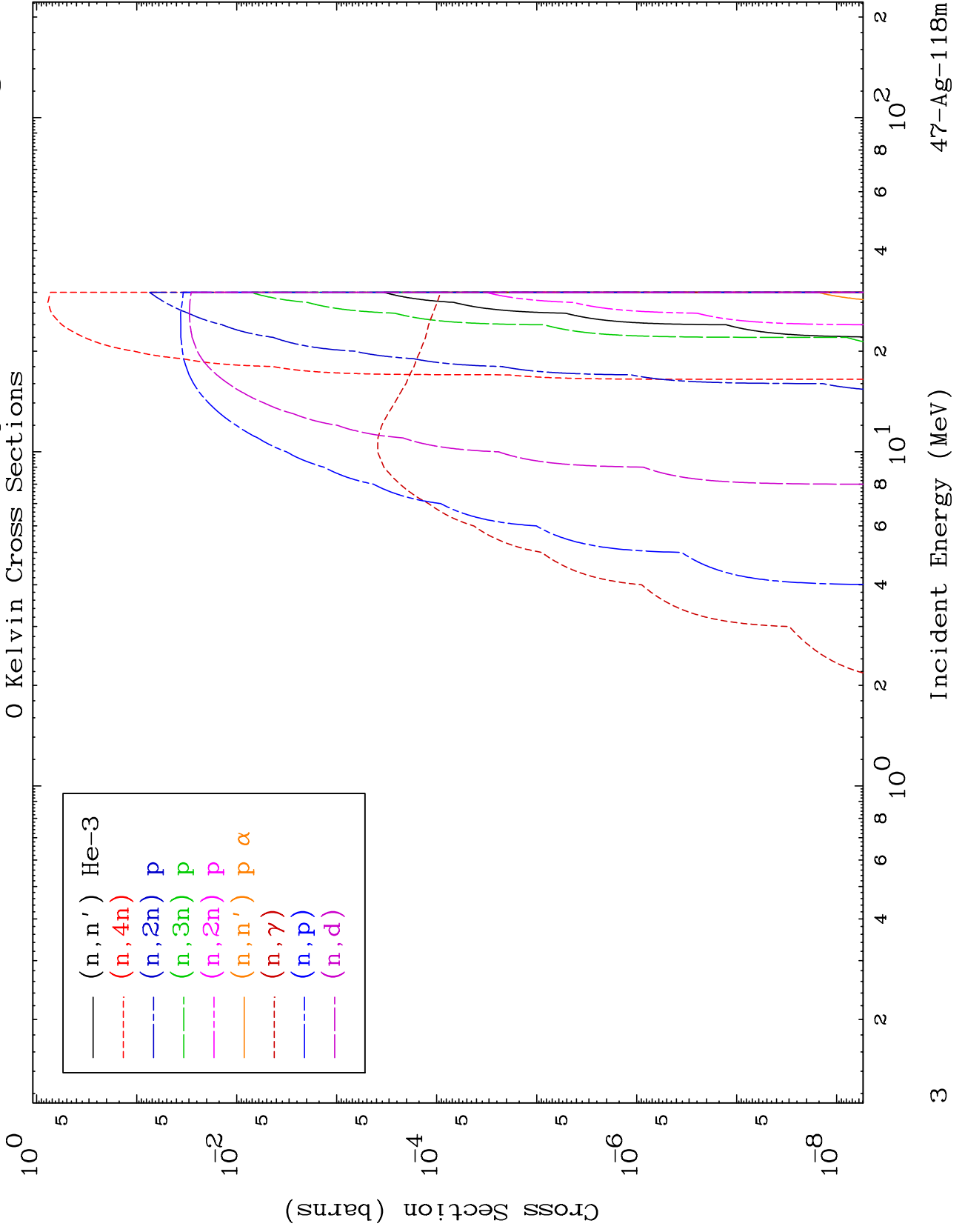
47-Ag-118m

Incident Energy (MeV)

MAT 4759

Proton Neutron Absorption
0 Kelvin Cross Sections

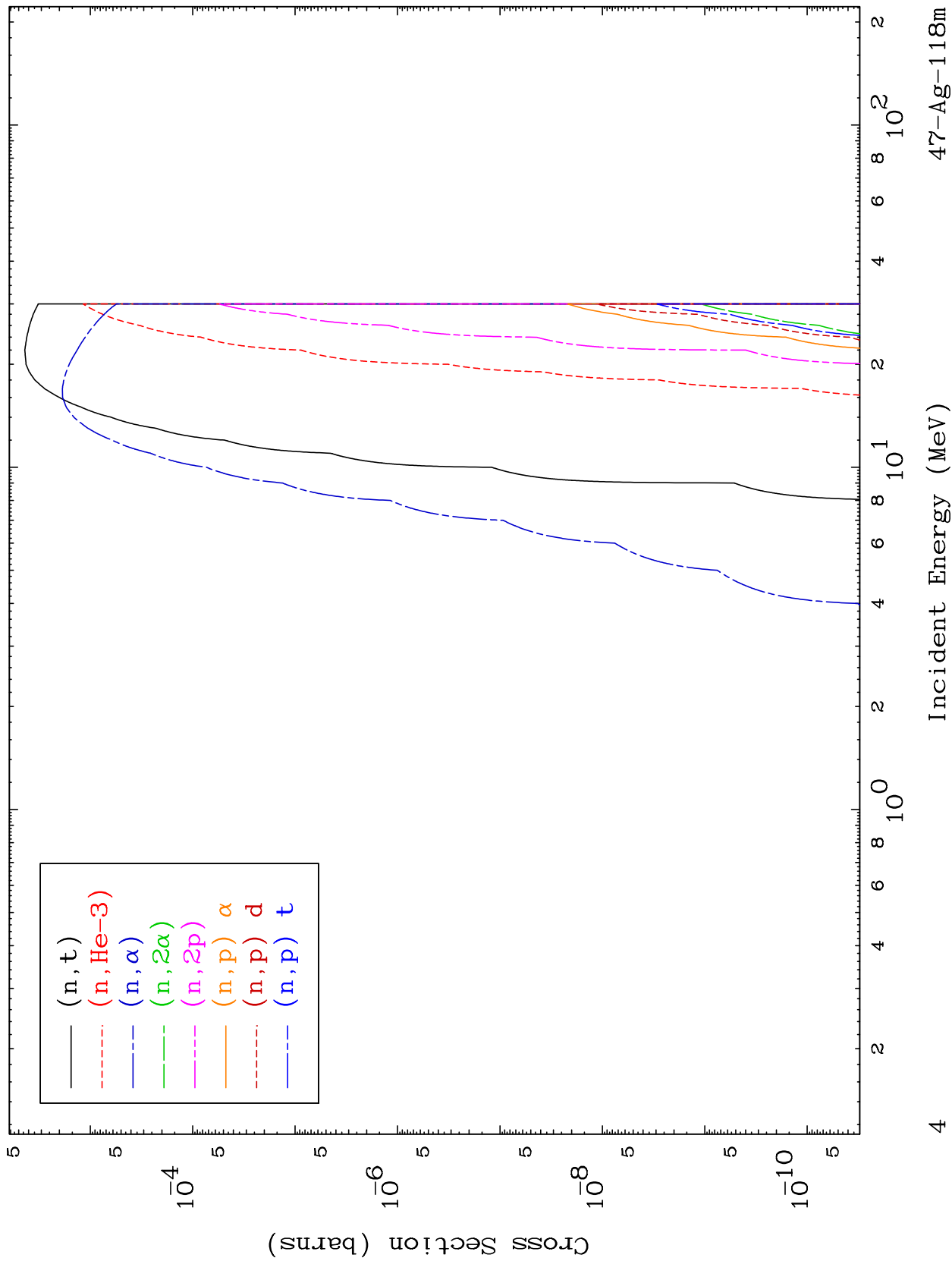
47-Ag-118m



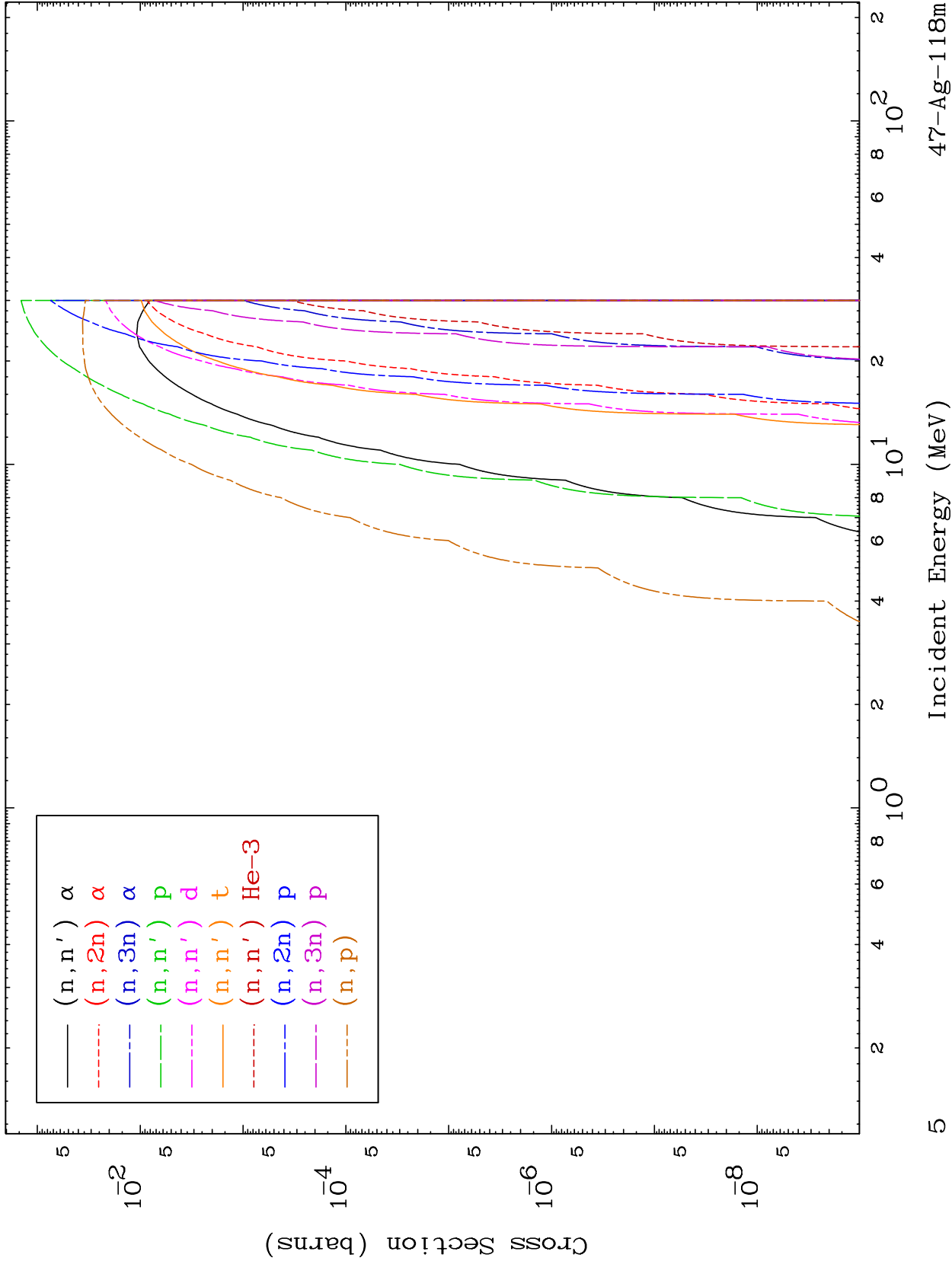
MAT 4759

Proton Neutron Absorption
0 Kelvin Cross Sections

47-Ag-118m



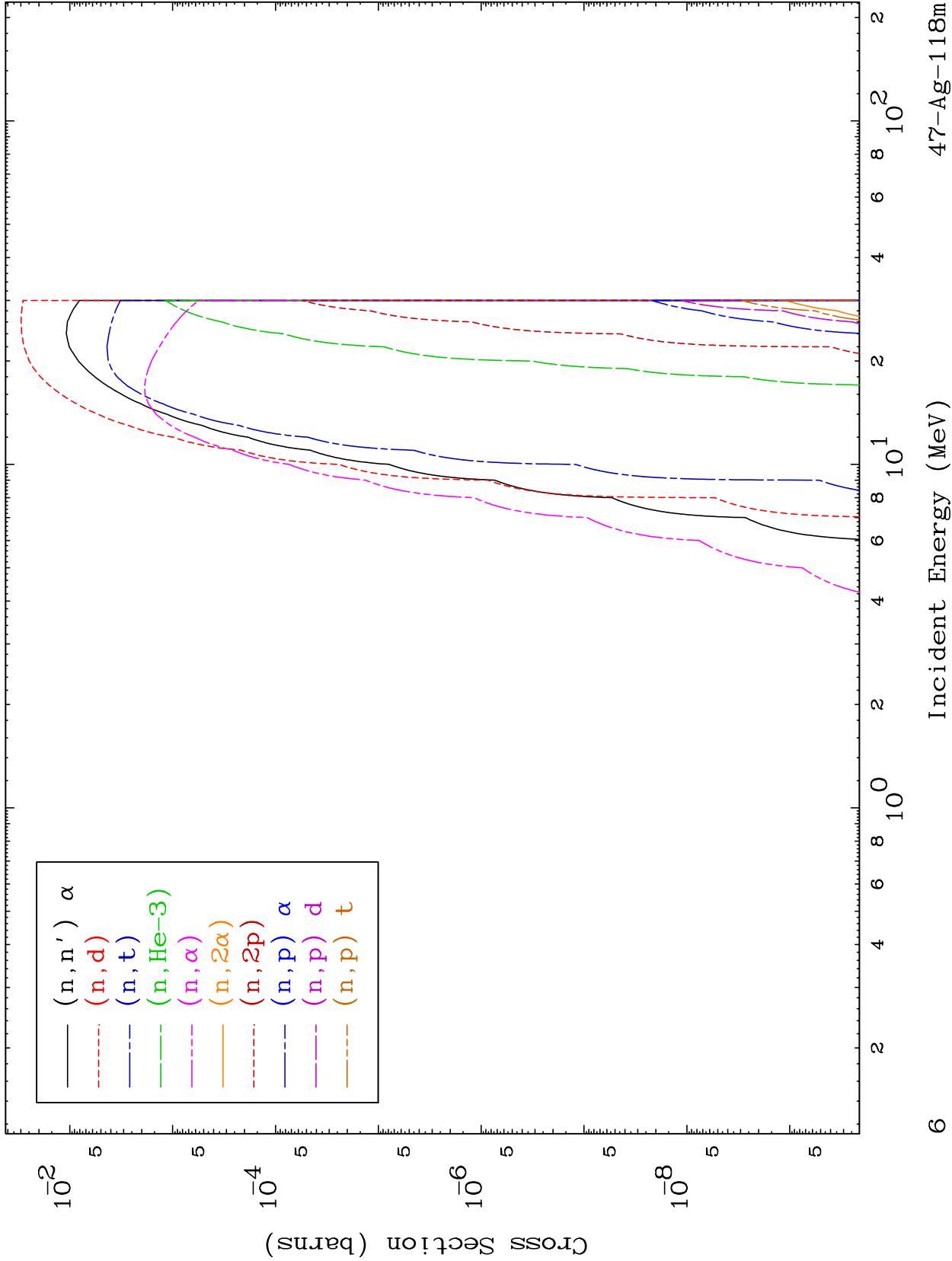
47-Ag-118m



MAT 4759

Proton Charged Particle
0 Kelvin Cross Sections

47-Ag-118m

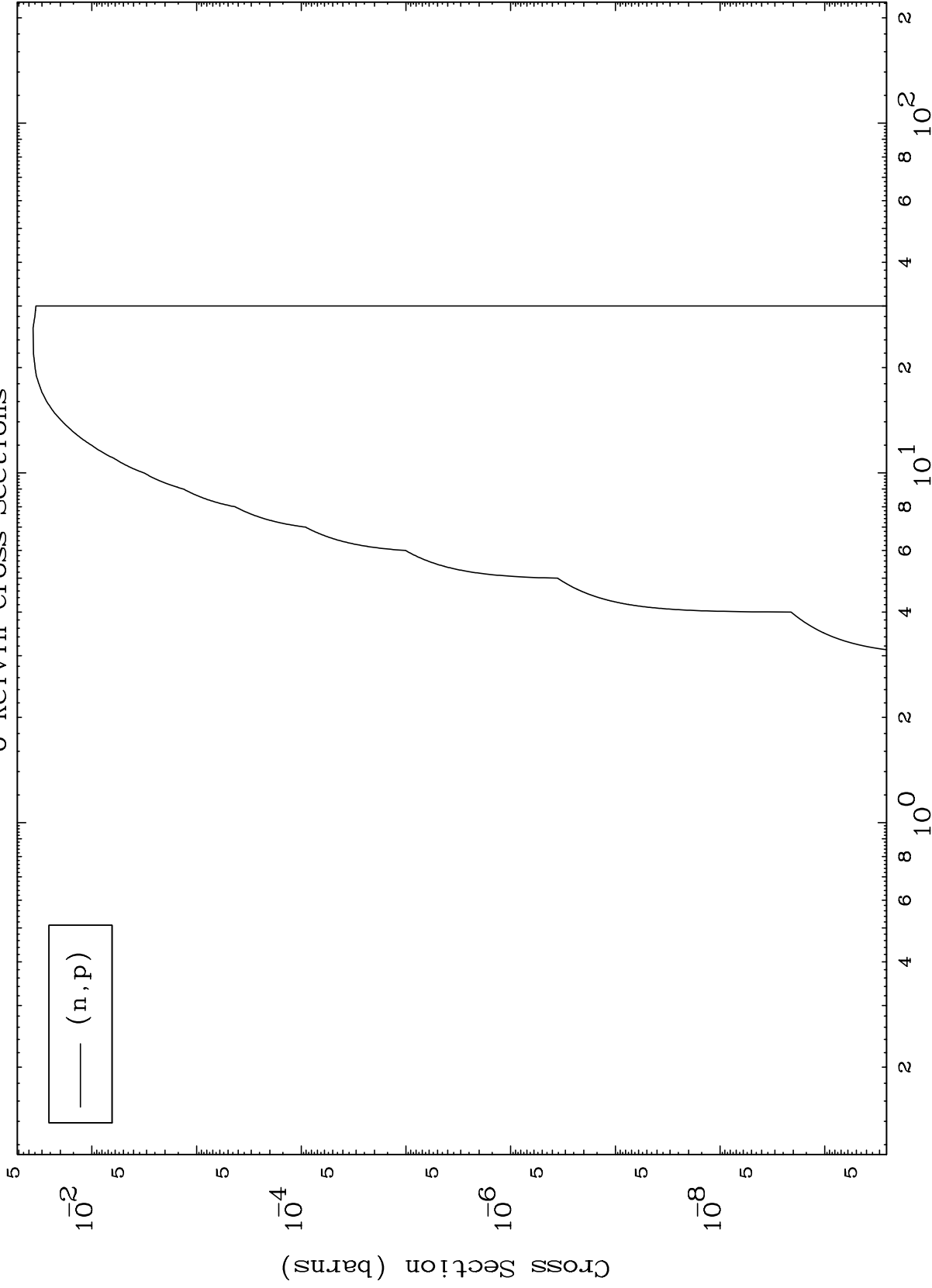


MAT 4759

(p,p) Levels

47-Ag-118m

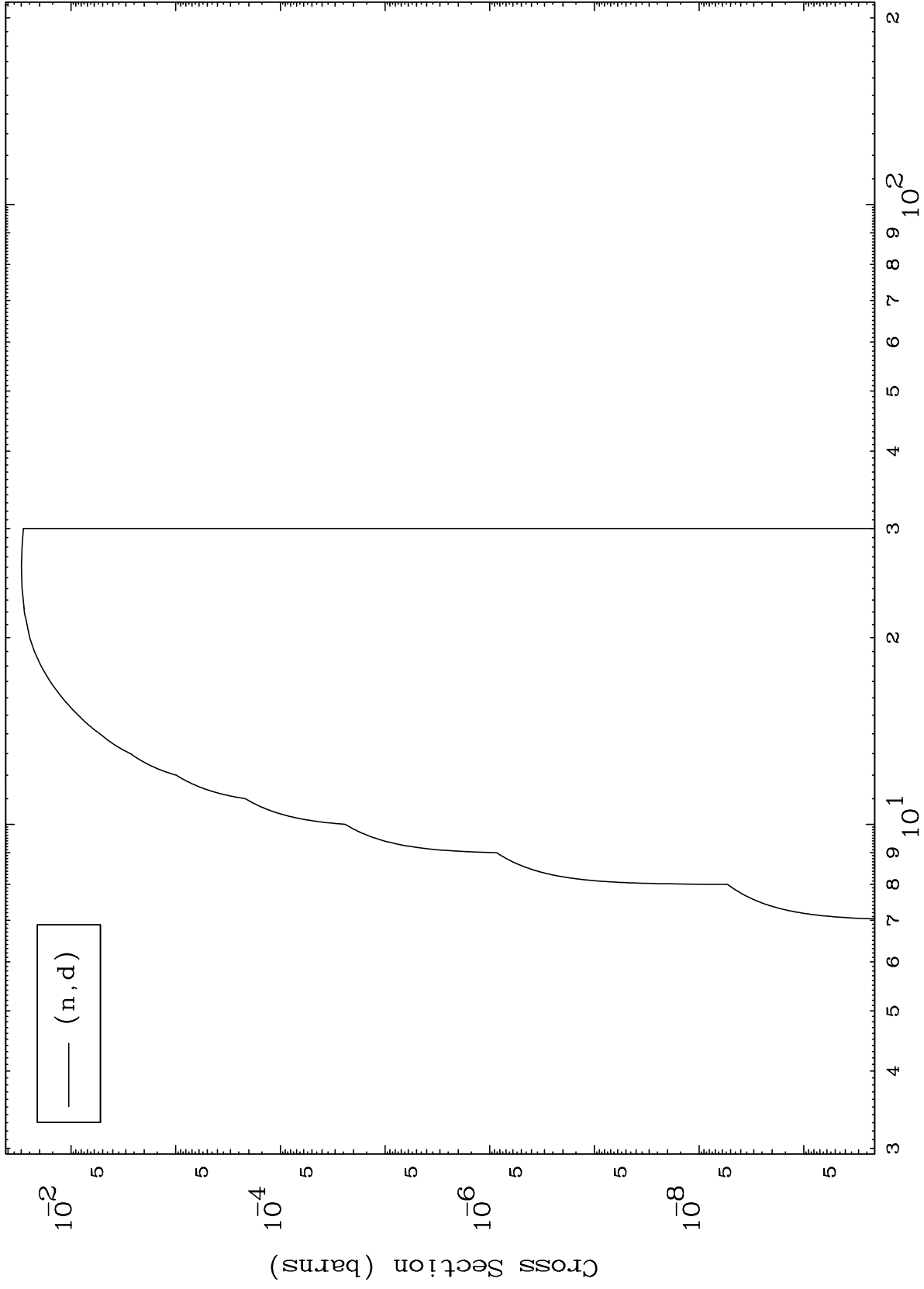
0 Kelvin Cross Sections



MAT 4759

(p,d) Levels
0 Kelvin Cross Sections

47-Ag-118m



8

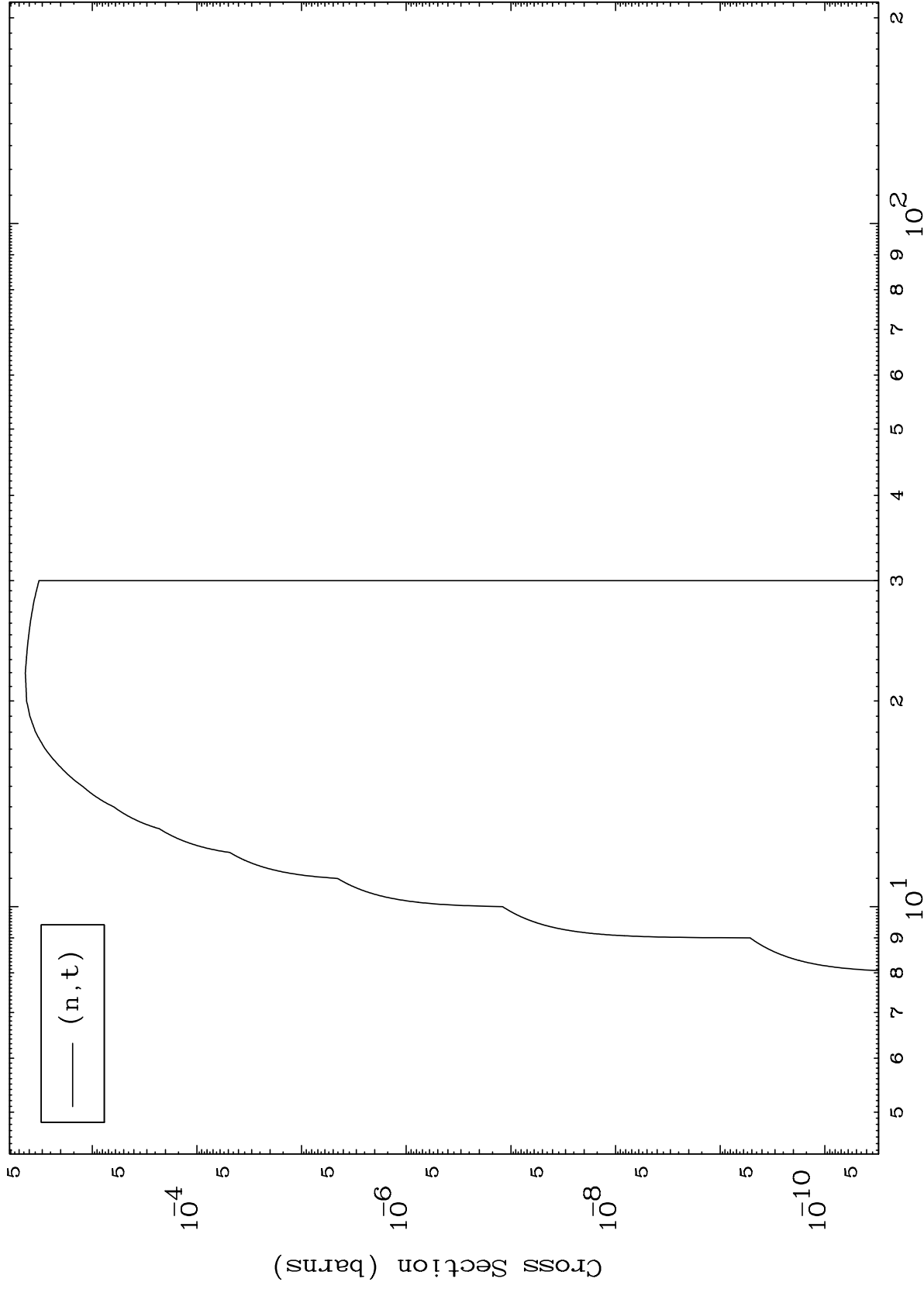
Incident Energy (MeV)

47-Ag-118m

MAT 4759

(p, t) Levels
0 Kelvin Cross Sections

47-Ag-118m



9

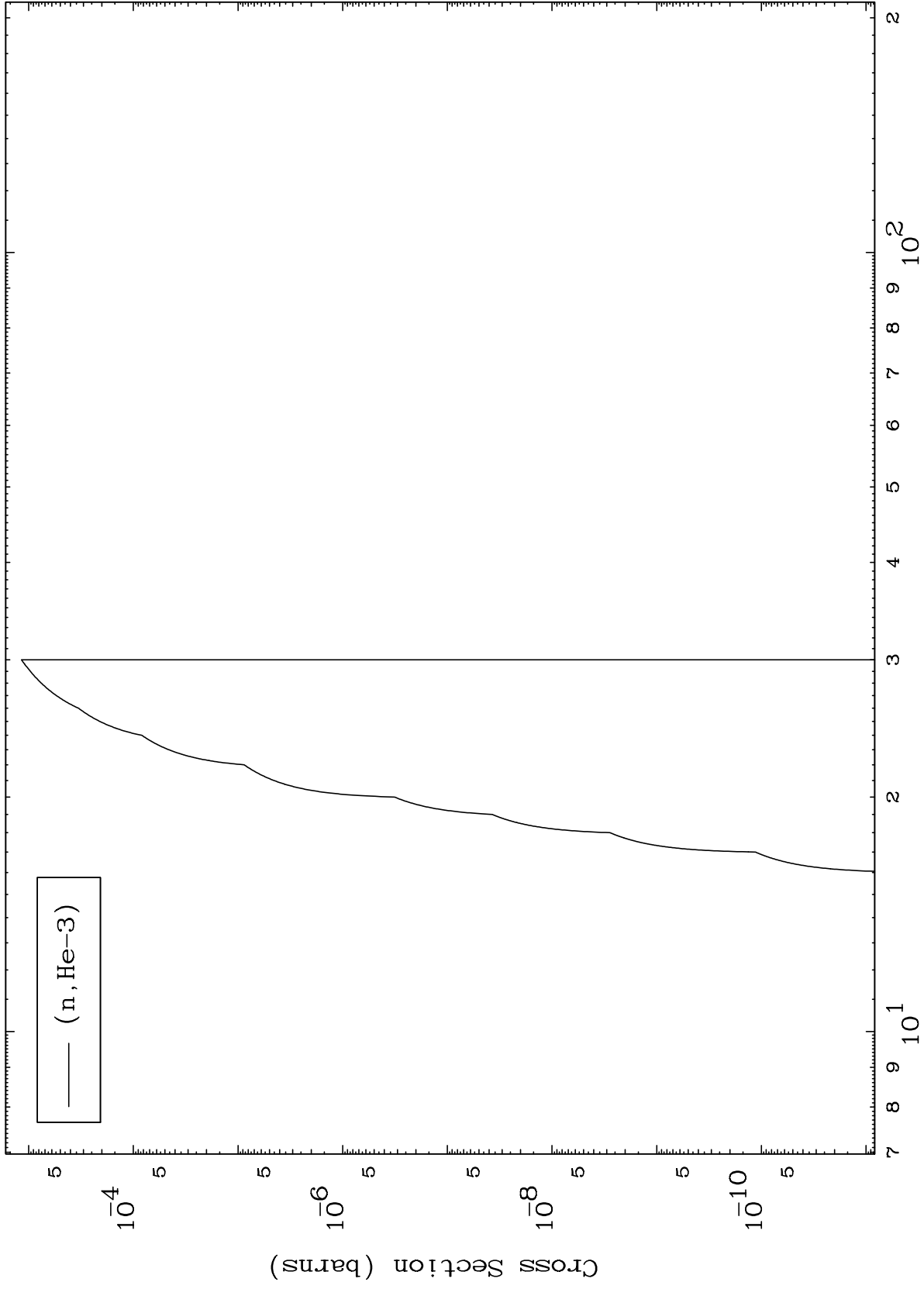
Incident Energy (MeV)

47-Ag-118m

MAT 4759

(p,He3) Levels
0 Kelvin Cross Sections

47-Ag-118m



10

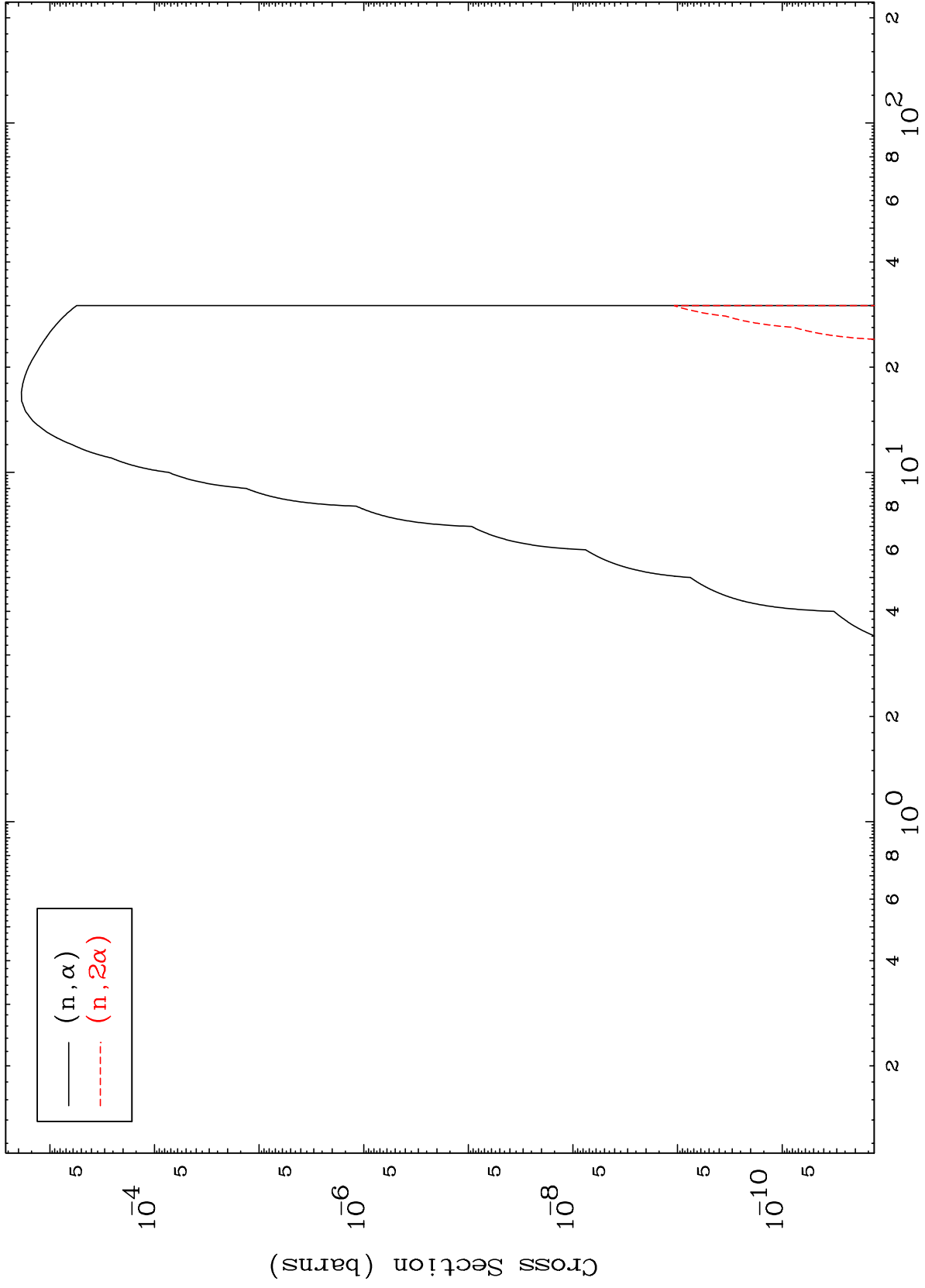
Incident Energy (MeV)

47-Ag-118m

MAT 4759

(p, α) Levels
0 Kelvin Cross Sections

47-Ag-118m

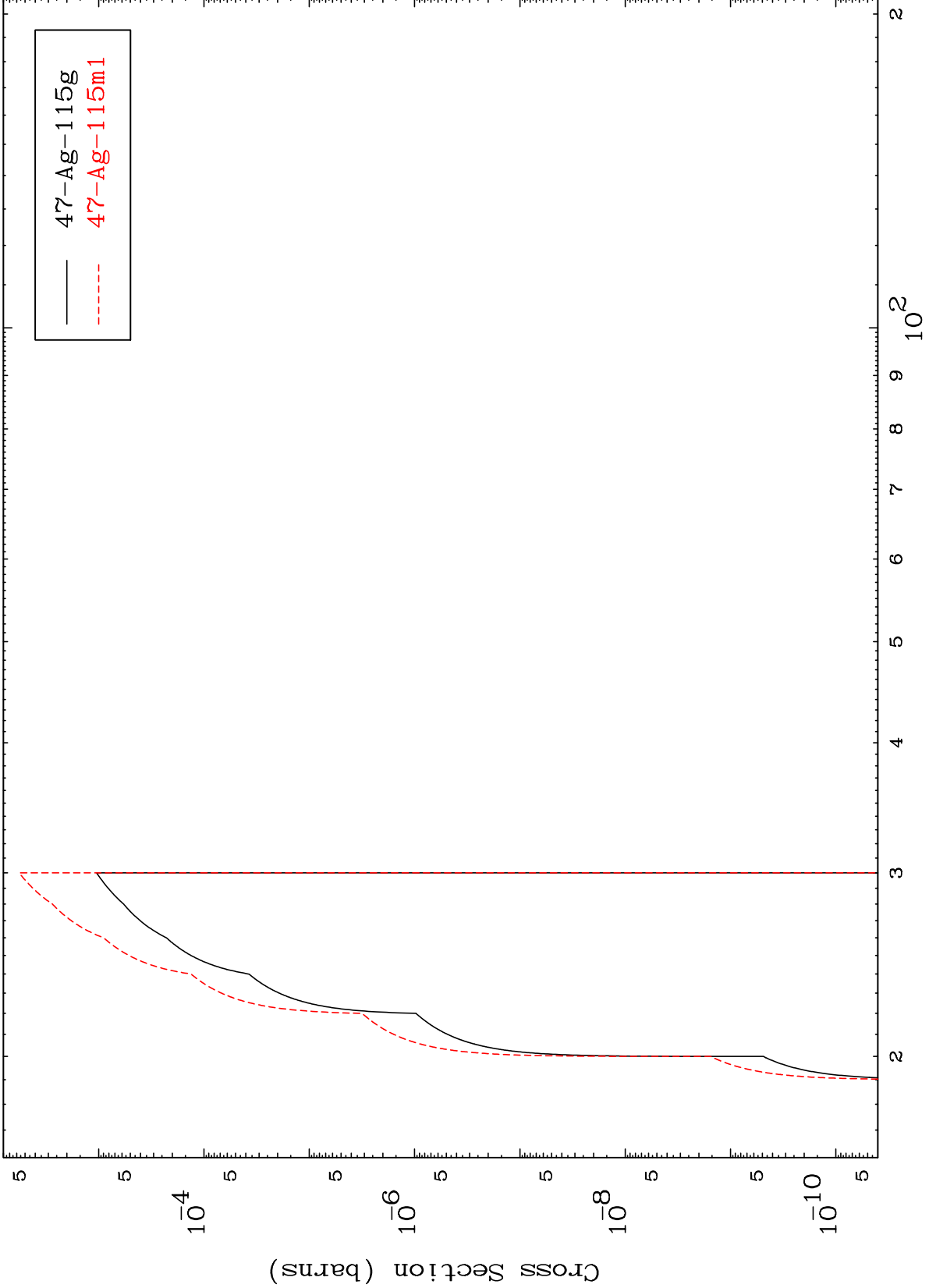


MAT 4759

(n,2n) d

47-Ag-118m

Radionuclide Production Cross Section



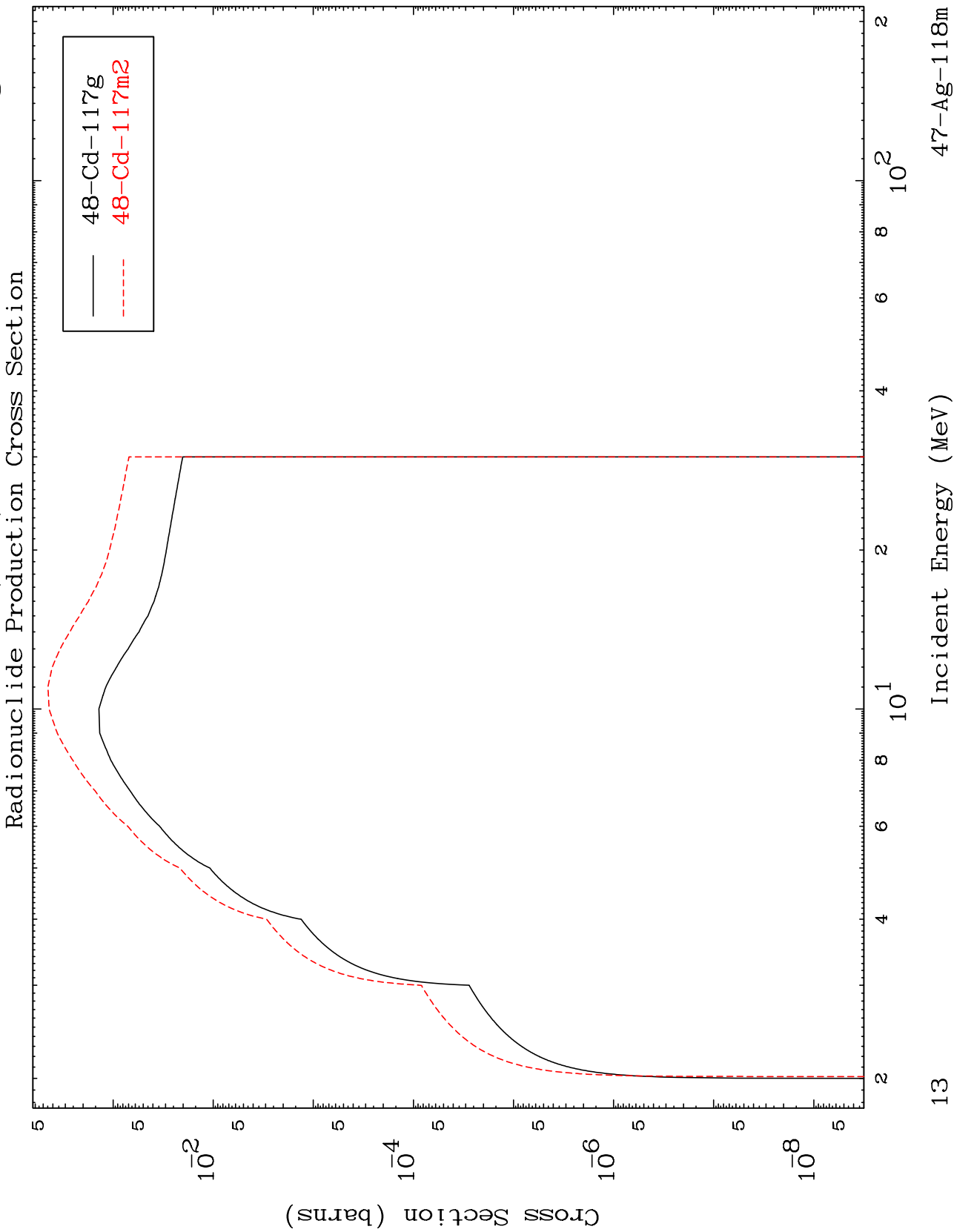
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Incident Energy (MeV)

47-Ag-118m

MAT 4759

47-Ag-118m



13

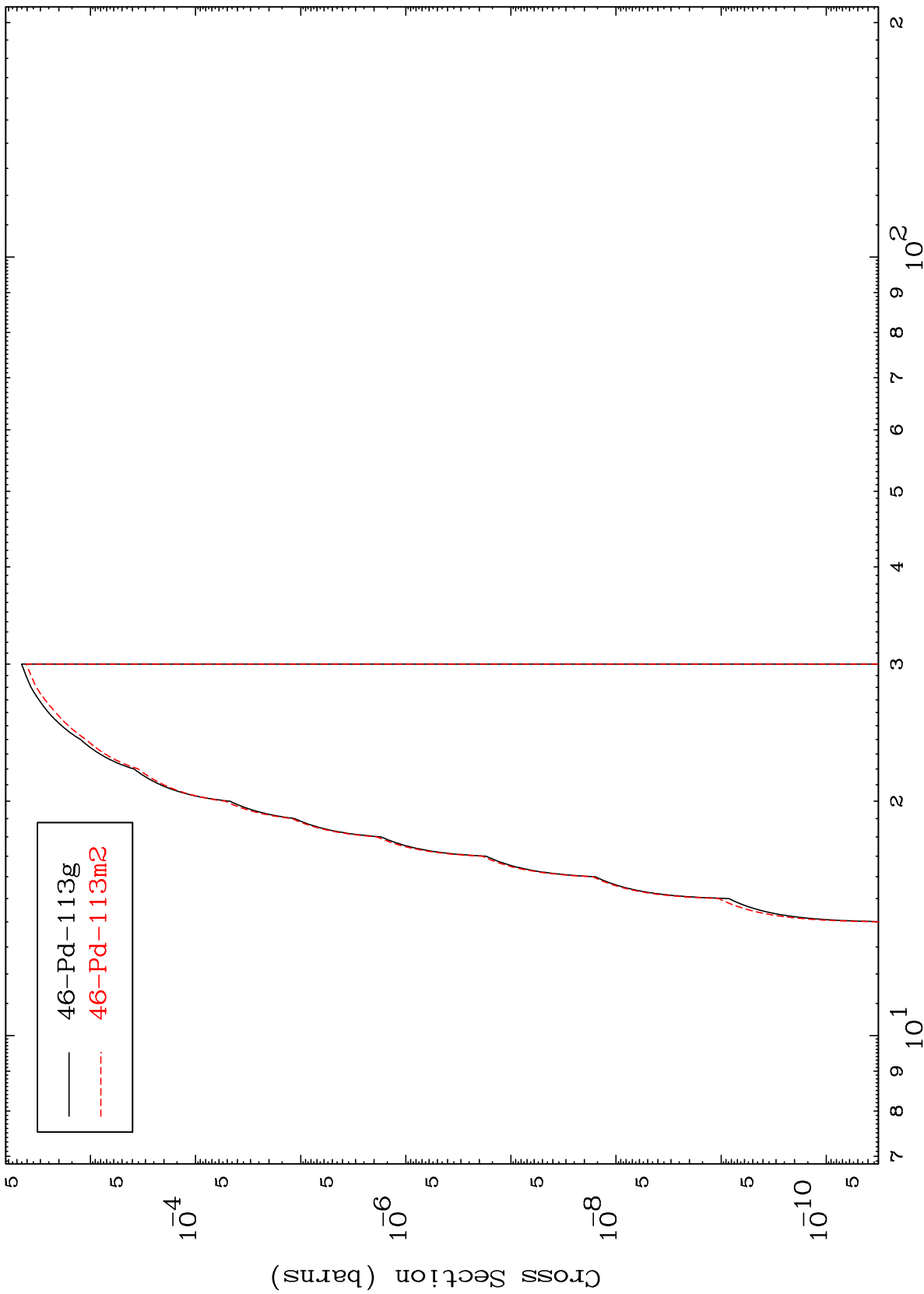
47-Ag-118m

MAT 4759

(n,2n) α

47-Ag-118m

Radionuclide Production Cross Section



Incident Energy (MeV)

47-Ag-118m

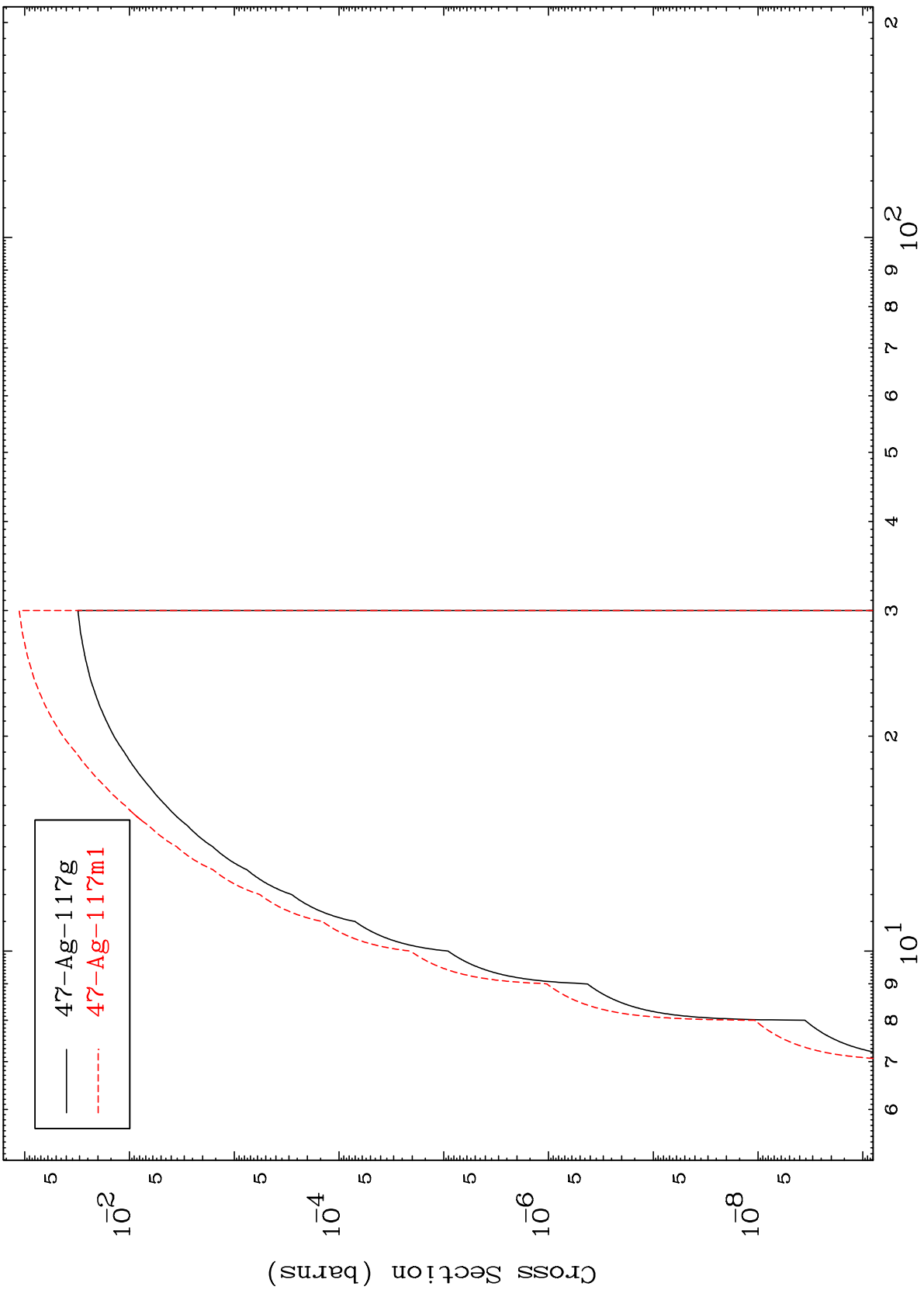
14

MAT 4759

(n,n') p

47-Ag-118m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

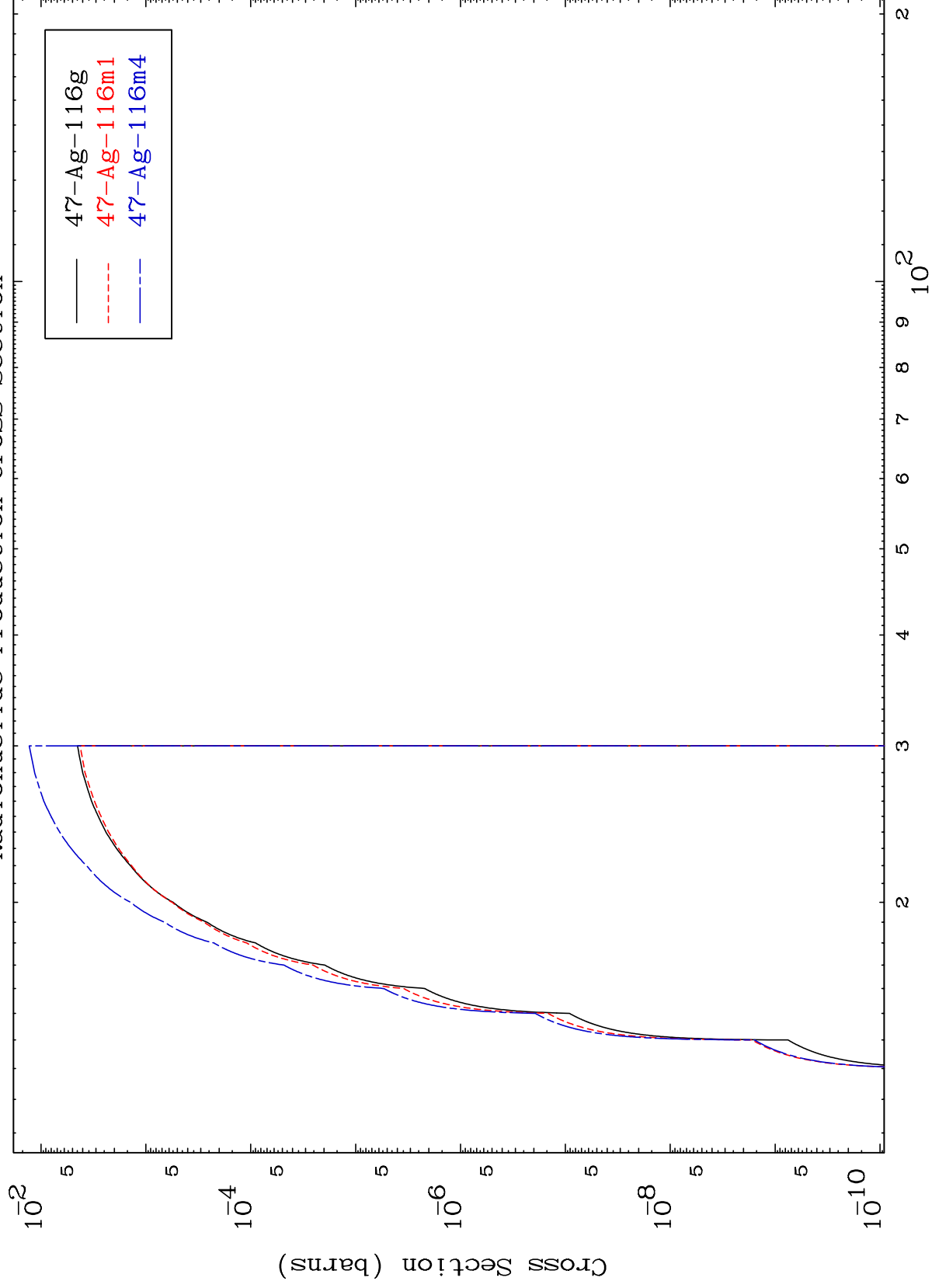
47-Ag-118m

MAT 4759

(n,n') d

47-Ag-118m

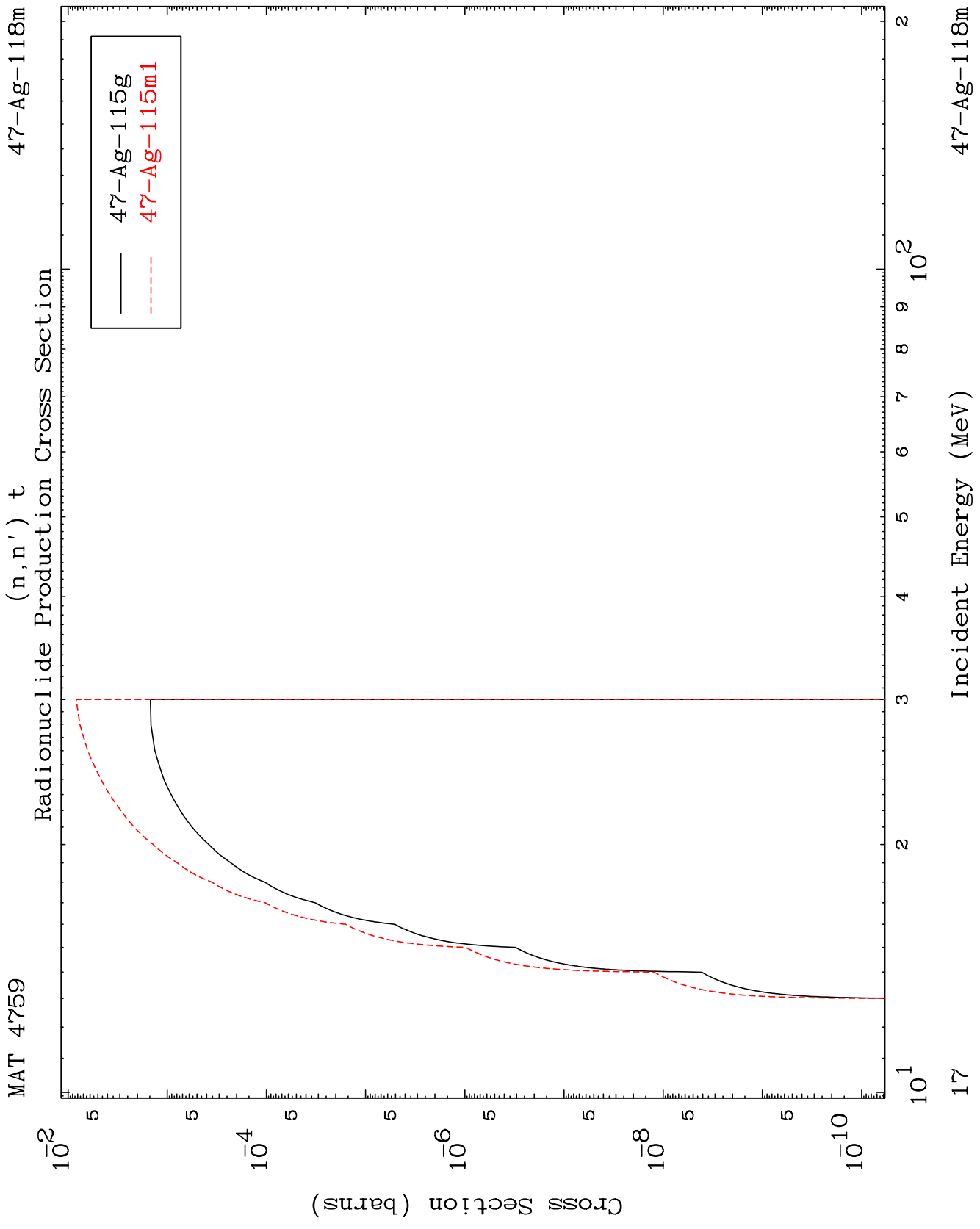
Radionuclide Production Cross Section



16

Incident Energy (MeV)

47-Ag-118m



MAT 4759

(n,n') t

47-Ag-118m

Radionuclide Production Cross Section

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10¹

10²

10³

10⁴

10⁵

10⁶

10⁷

10⁸

10⁹

10¹⁰

10¹¹

10¹²

10¹³

10¹⁴

10¹⁵

10¹⁶

10¹⁷

10¹⁸

10¹⁹

10²⁰

10²¹

10²²

10²³

10²⁴

10²⁵

10²⁶

10²⁷

10²⁸

10²⁹

10³⁰

10³¹

10³²

10³³

10³⁴

10³⁵

10³⁶

10³⁷

10³⁸

10³⁹

10⁴⁰

10⁴¹

10⁴²

10⁴³

10⁴⁴

10⁴⁵

10⁴⁶

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10⁴⁸

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10⁵⁰

10⁵¹

10⁵²

10⁵³

10⁵⁴

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10⁵⁶

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10⁶²

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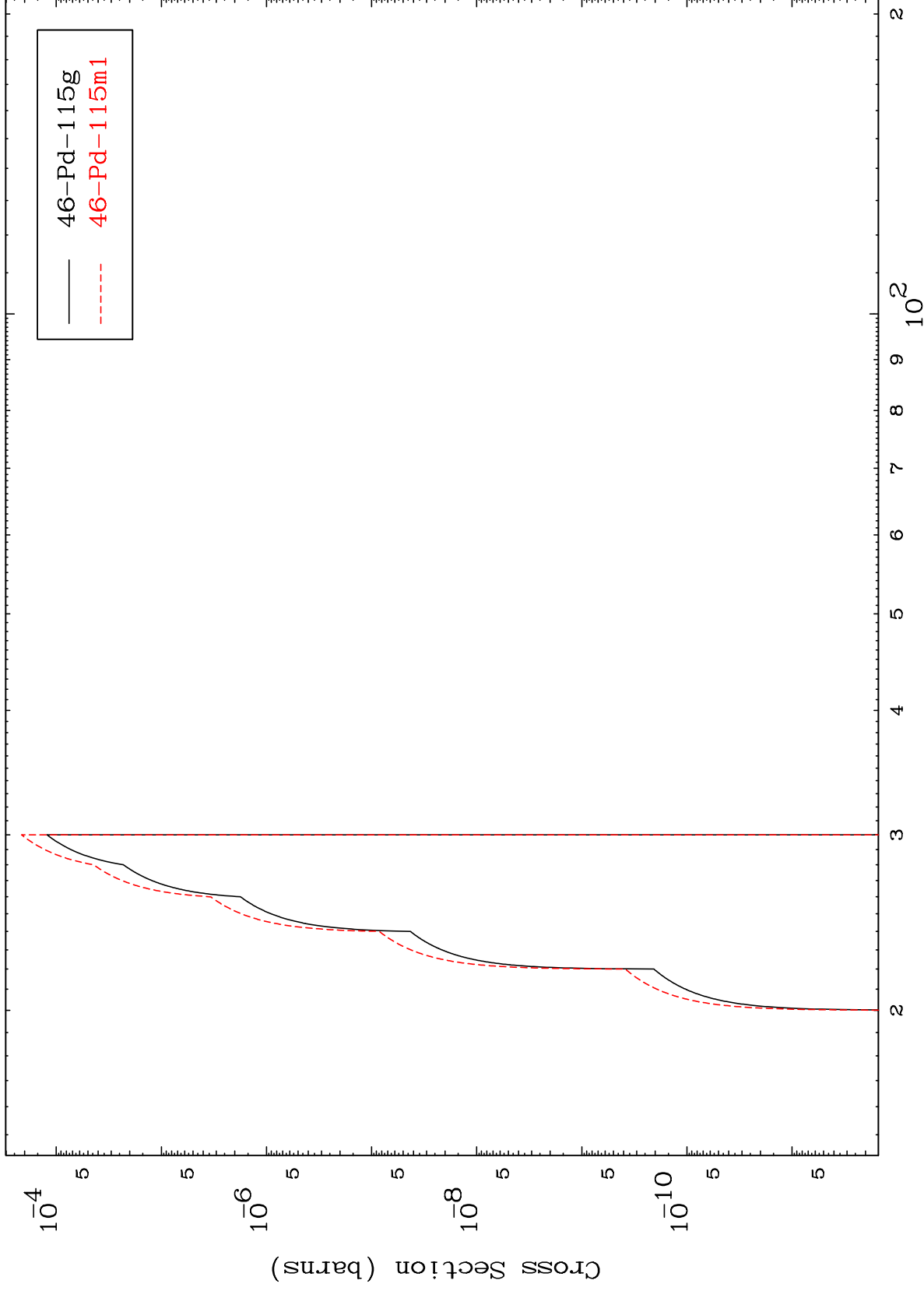
10²

MAT 4759

(n,n') He-3

47-Ag-118m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

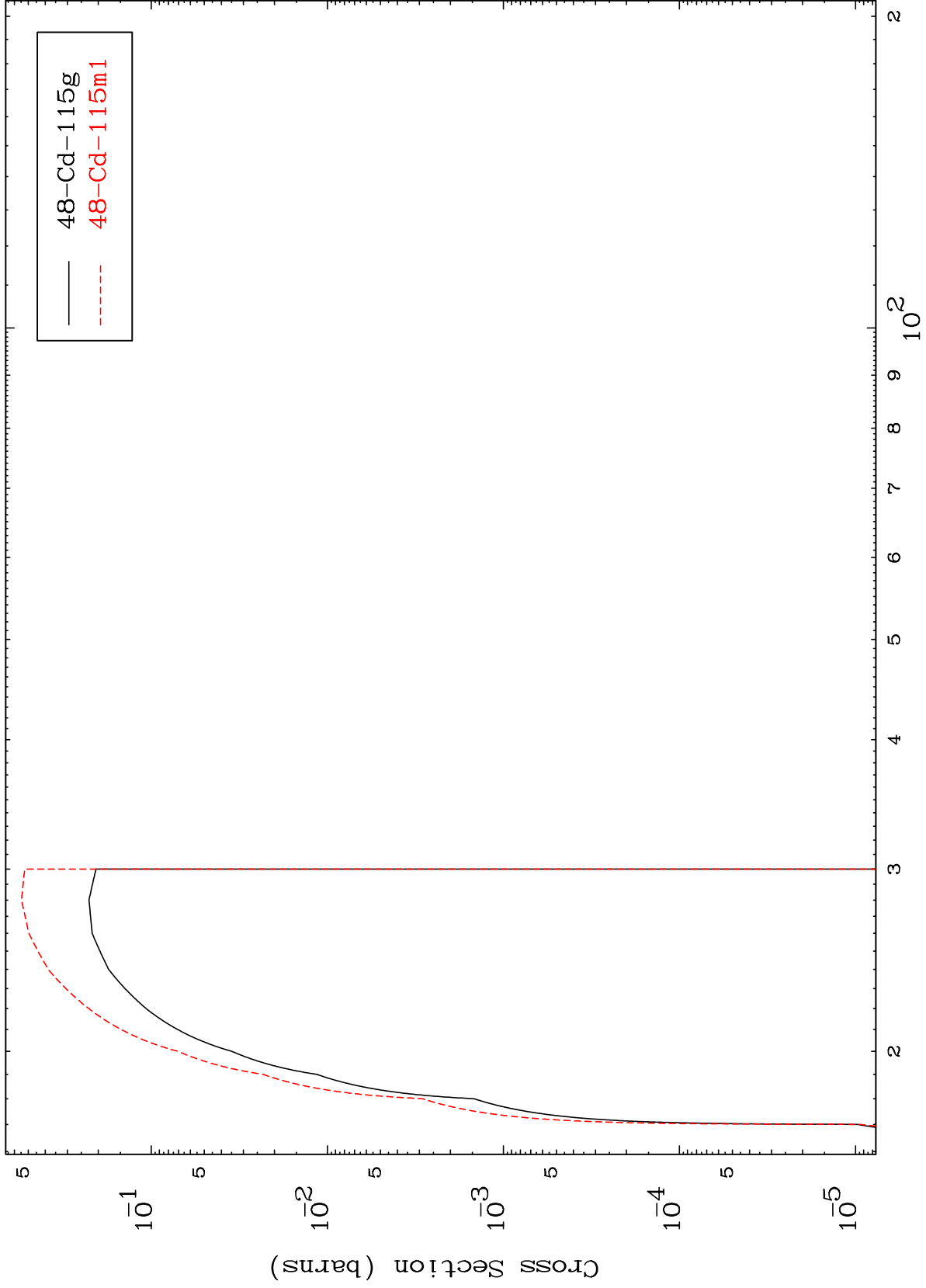
47-Ag-118m

MAT 4759

(n,4n)

47-Ag-118m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

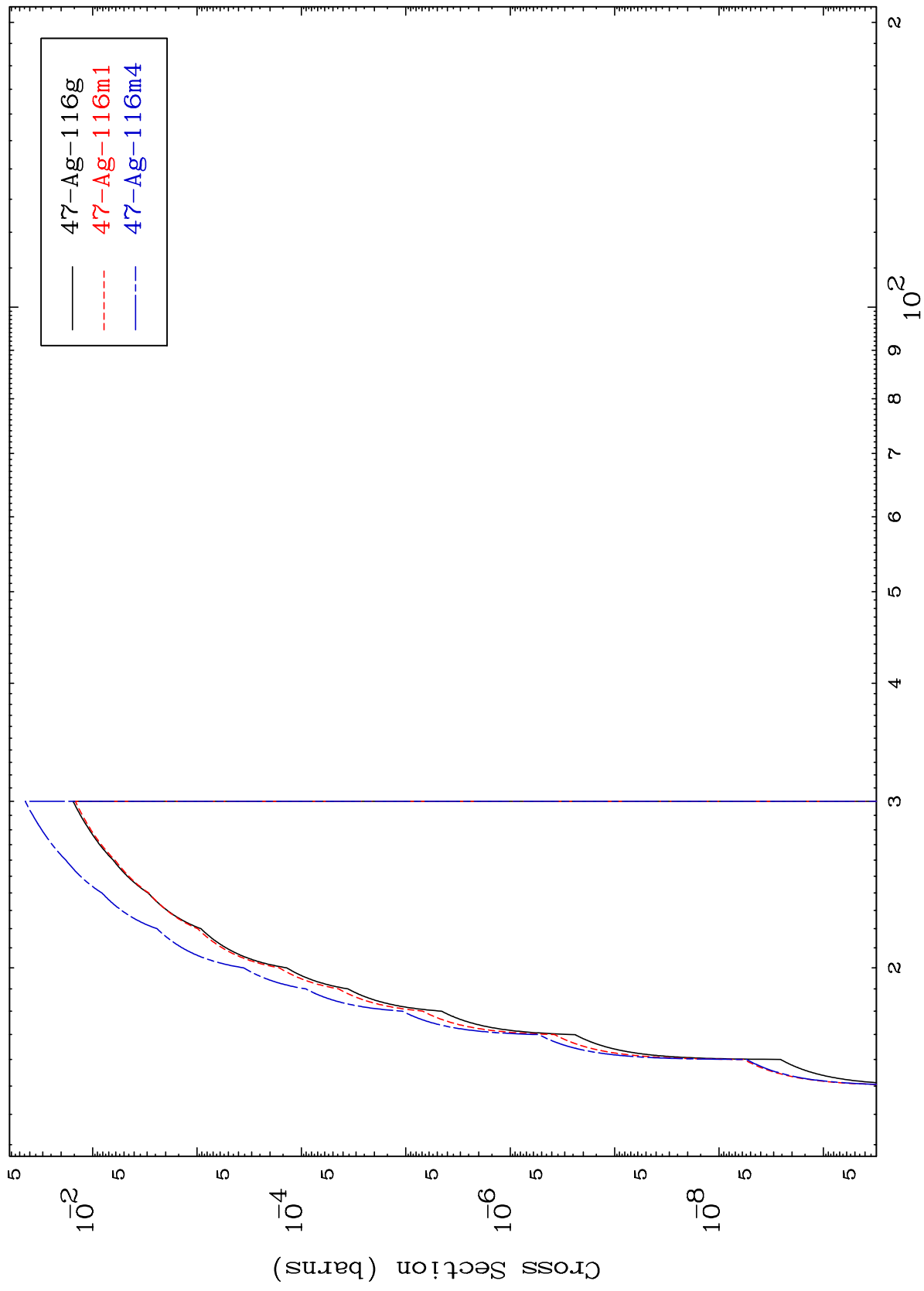
47-Ag-118m

MAT 4759

47-Ag-118m

(n,2n) p

Radionuclide Production Cross Section



20

Incident Energy (MeV)

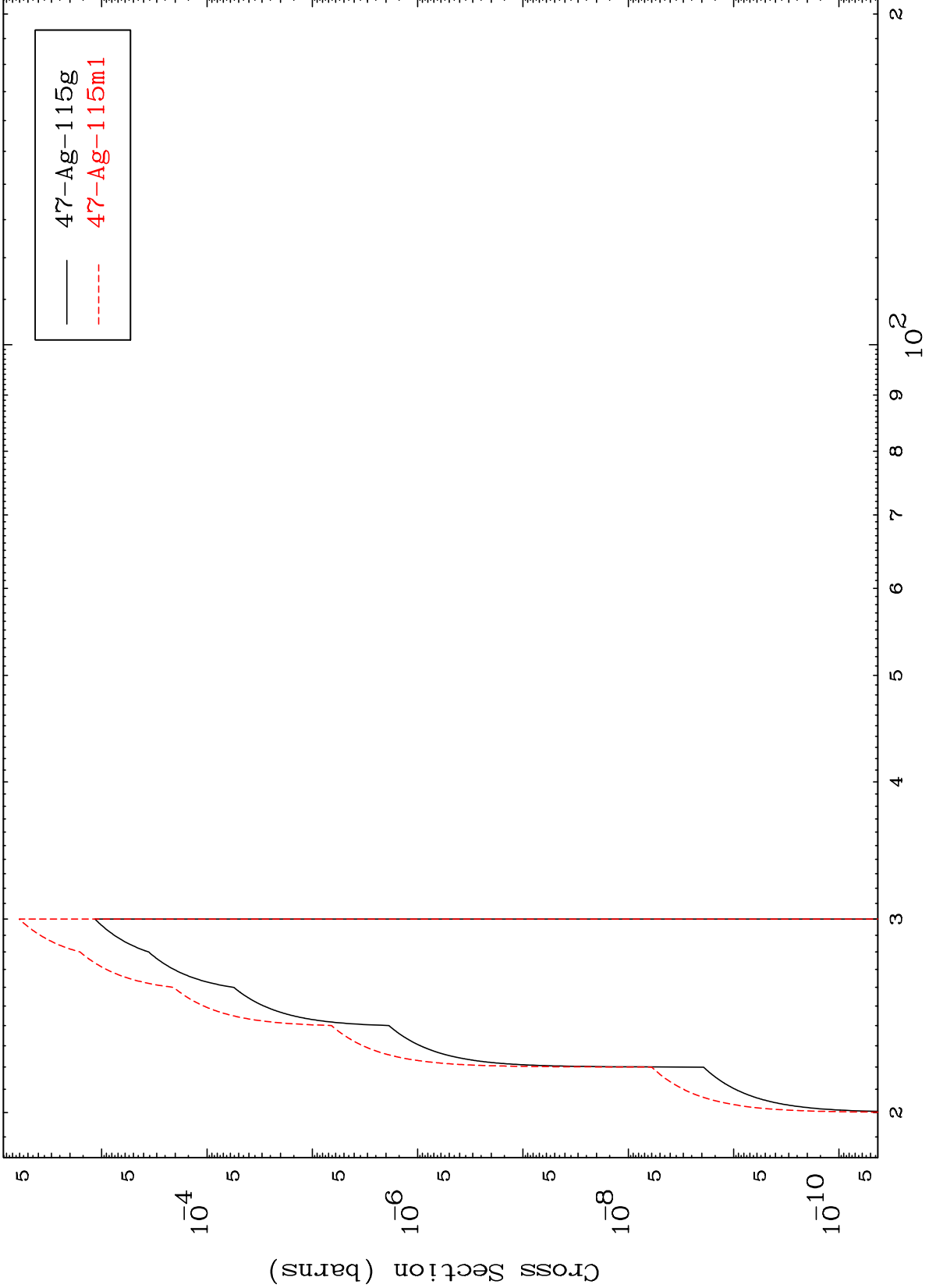
47-Ag-118m

MAT 4759

(n,3n) p

47-Ag-118m

Radionuclide Production Cross Section



21

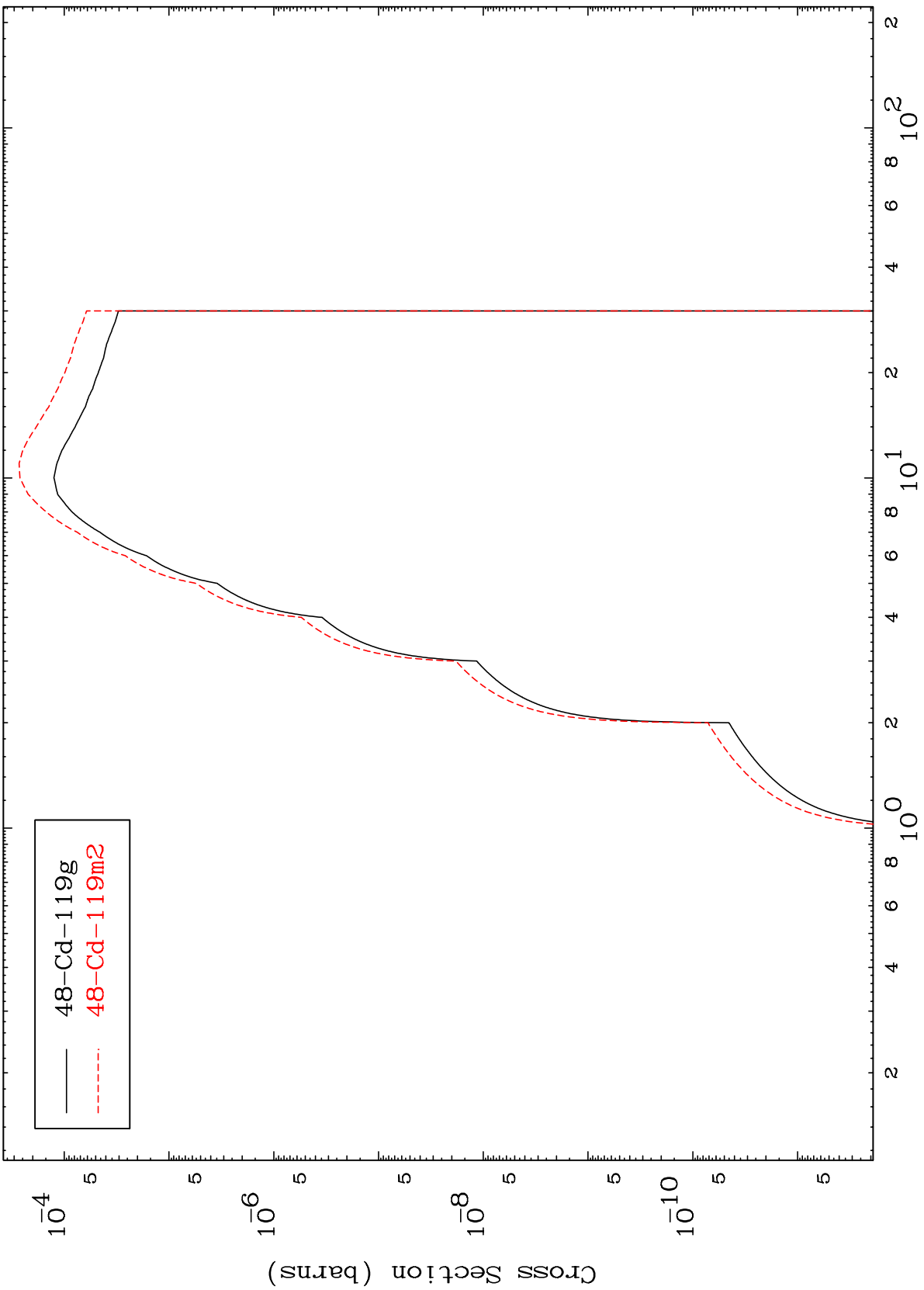
Incident Energy (MeV)

47-Ag-118m

MAT 4759

47-Ag-118m

(n, γ)
Radionuclide Production Cross Section



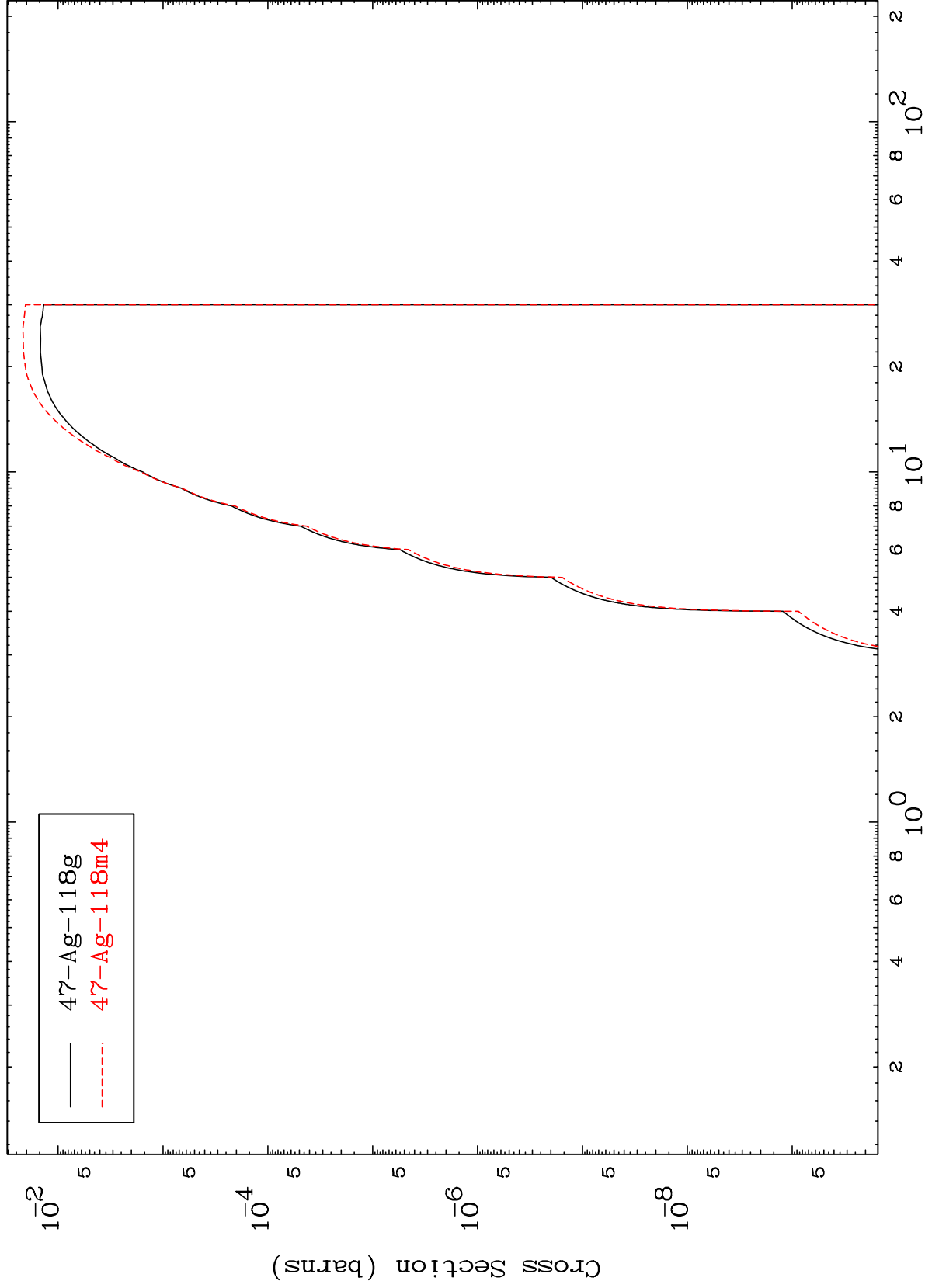
47-Ag-118m

Incident Energy (MeV)

MAT 4759

47-Ag-118m

(n,p)
Radionuclide Production Cross Section



23

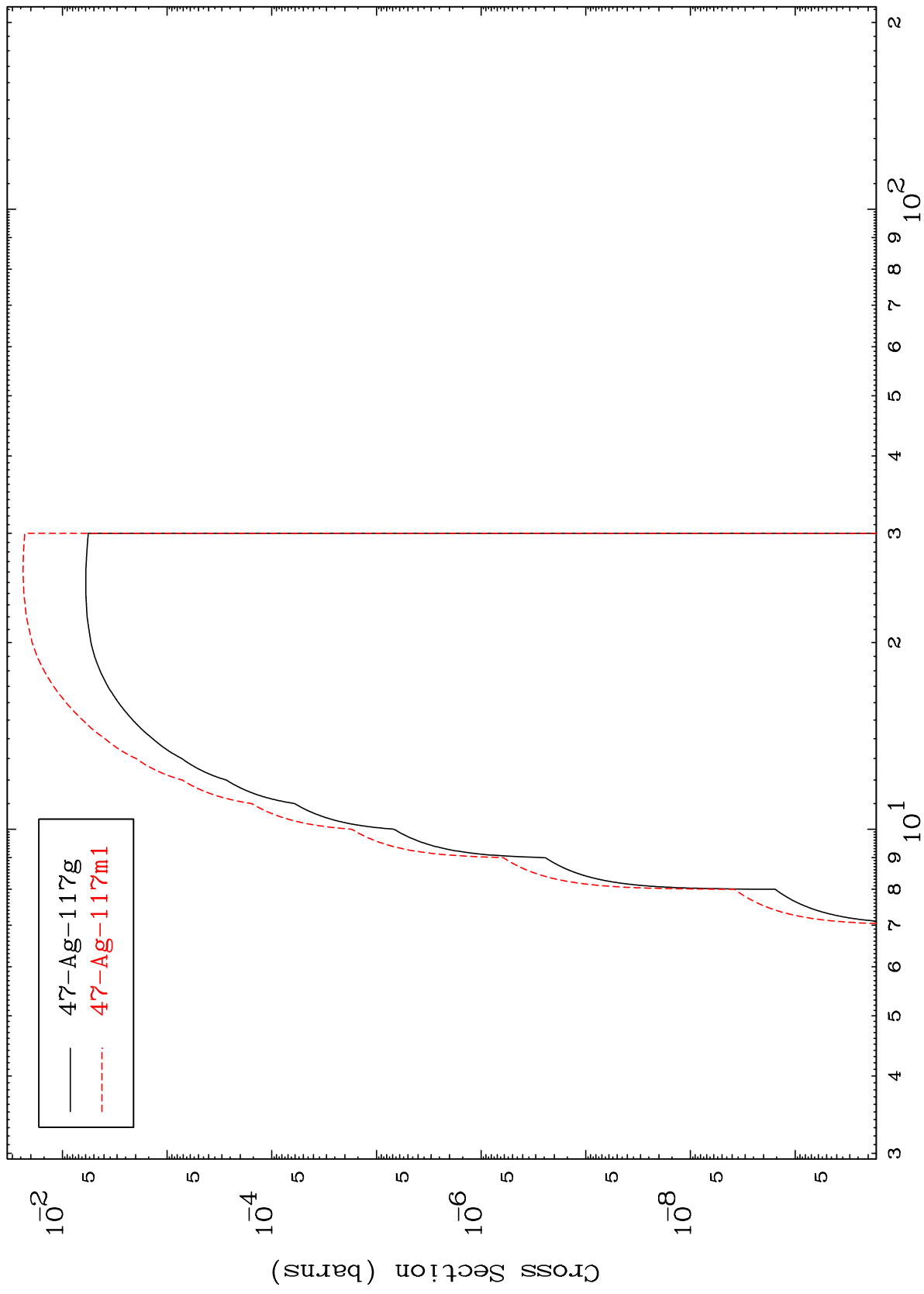
47-Ag-118m

Incident Energy (MeV)

MAT 4759

47-Ag-118m

Radionuclide Production Cross Section



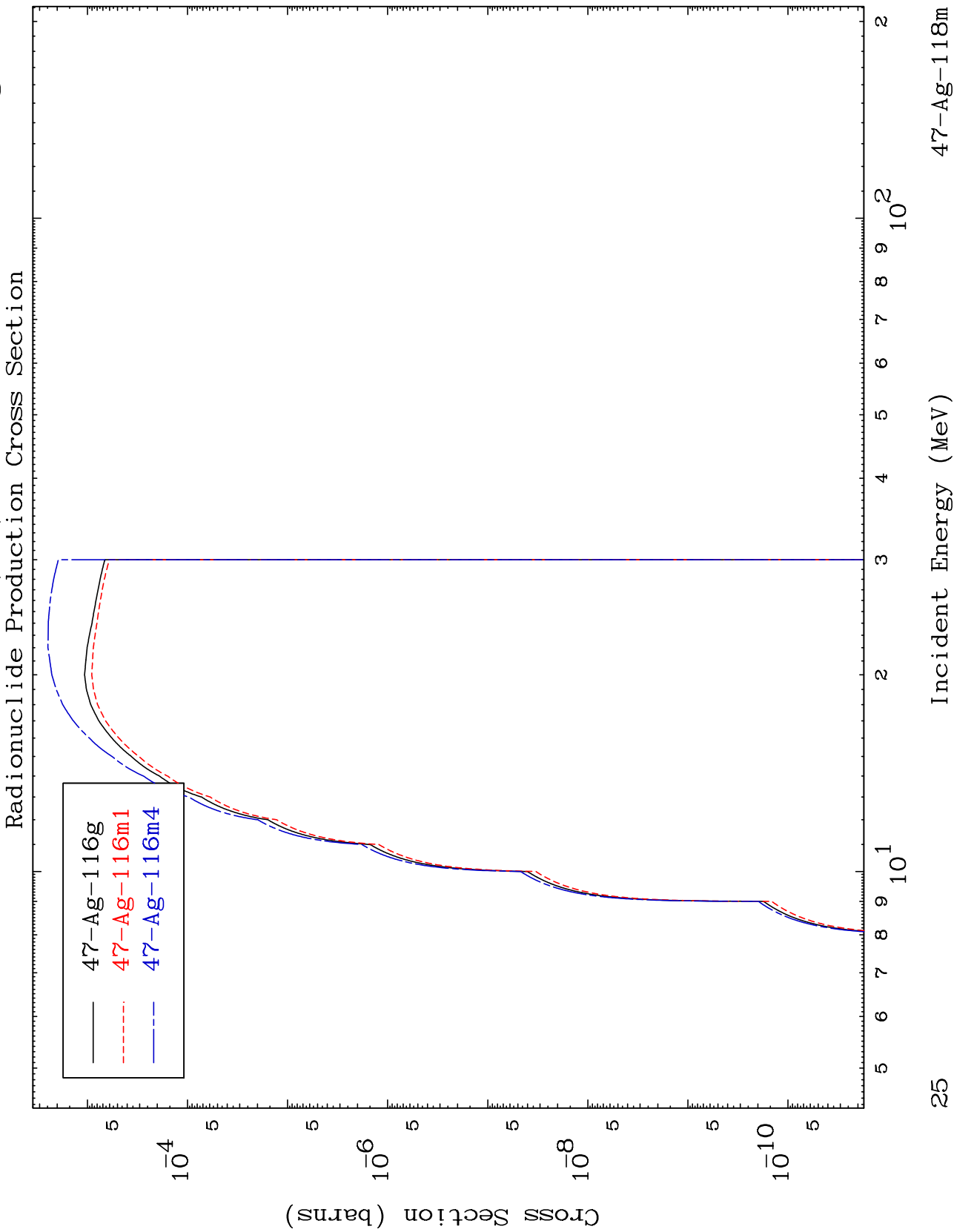
Incident Energy (MeV)

47-Ag-118m

24

MAT 4759

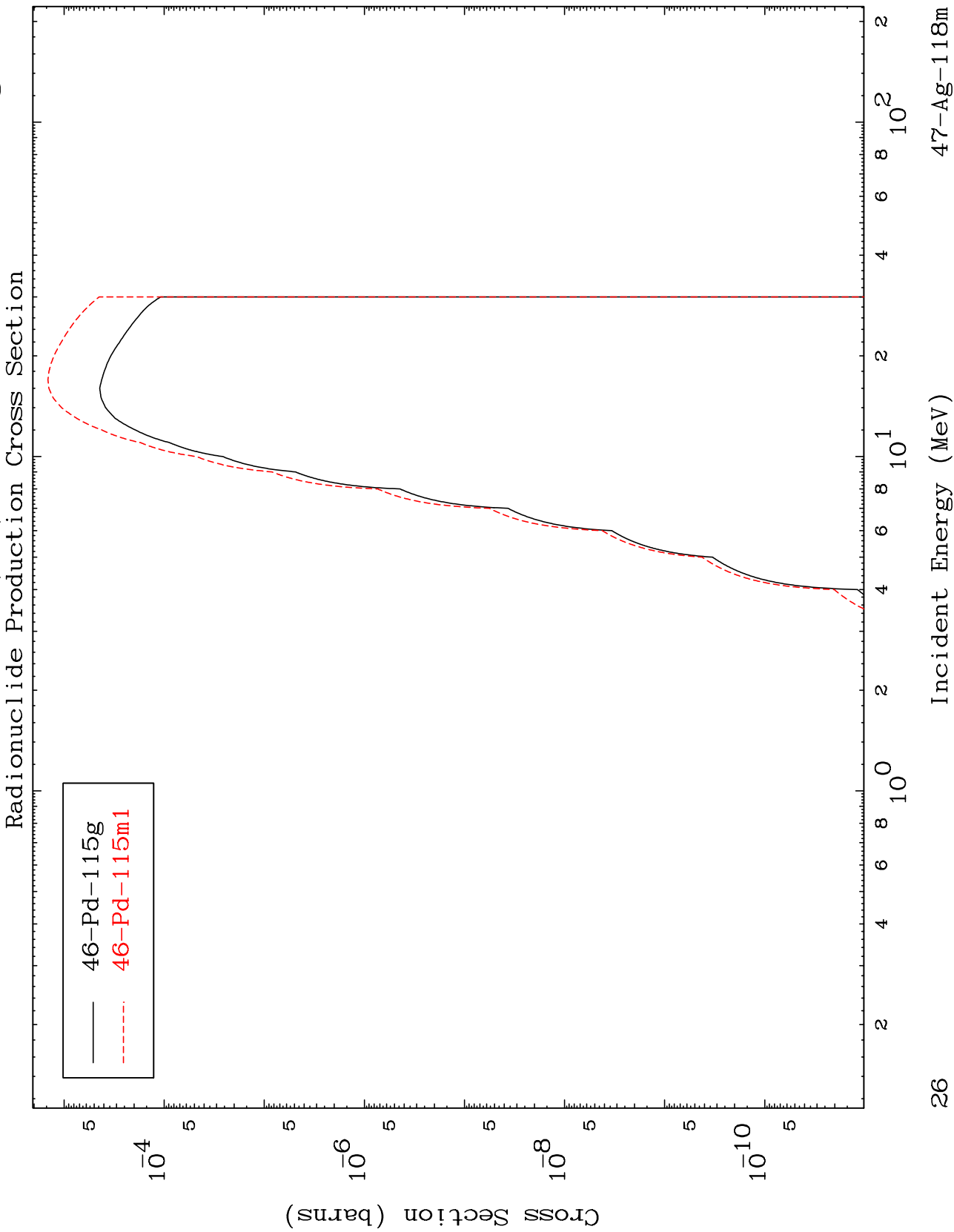
47-Ag-118m



25

MAT 4759

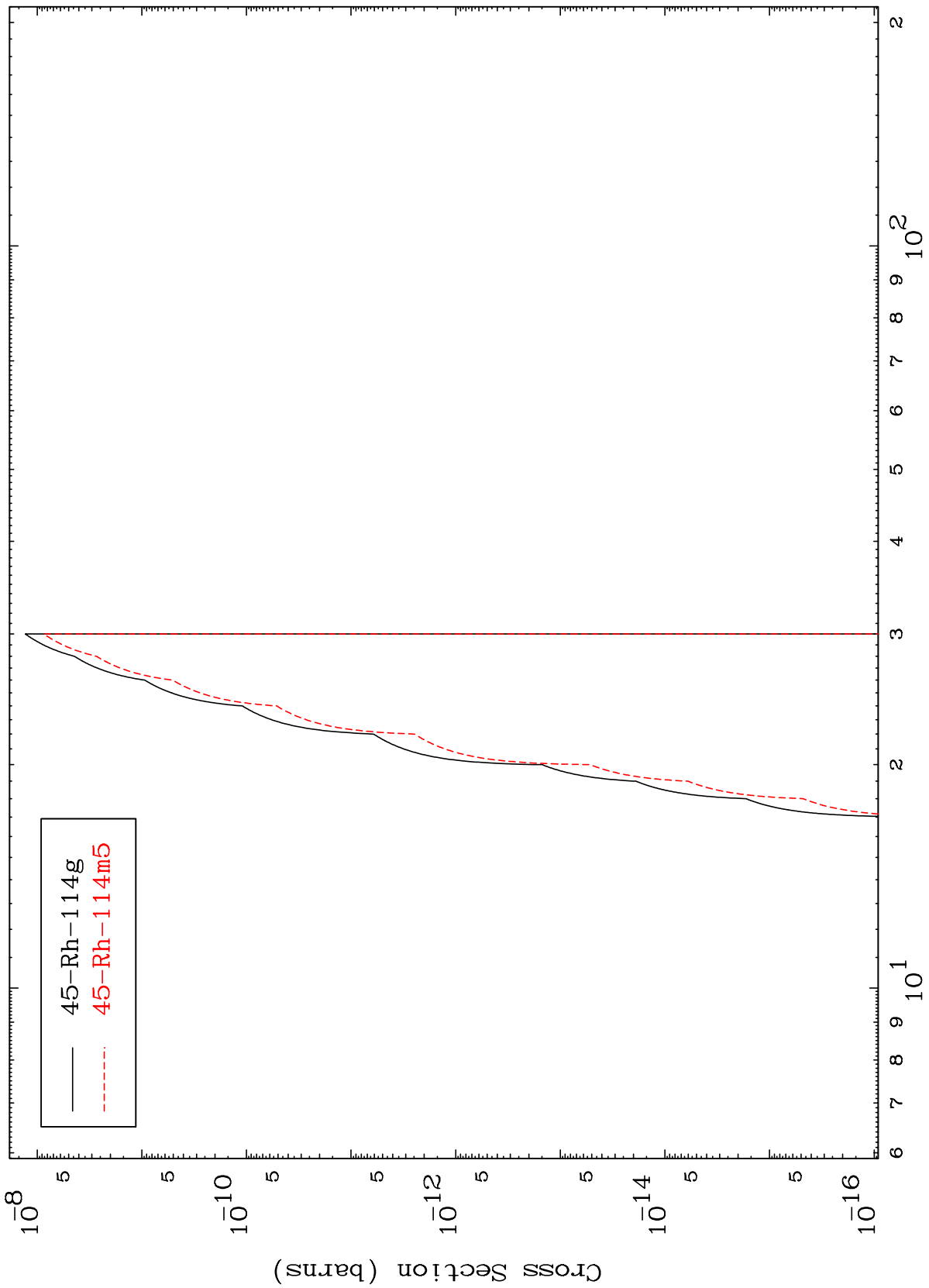
47-Ag-118m



MAT 4759

47-Ag-118m

(n,p) α
Radionuclide Production Cross Section



— 45-Rh-114g
- - - 45-Rh-114m5

27

Incident Energy (MeV)

47-Ag-118m

MAT 4759

(n,p) t

47-Ag-118m

Radionuclide Production Cross Section

