

Program EVALPLOT
(Version 2021-1)

by

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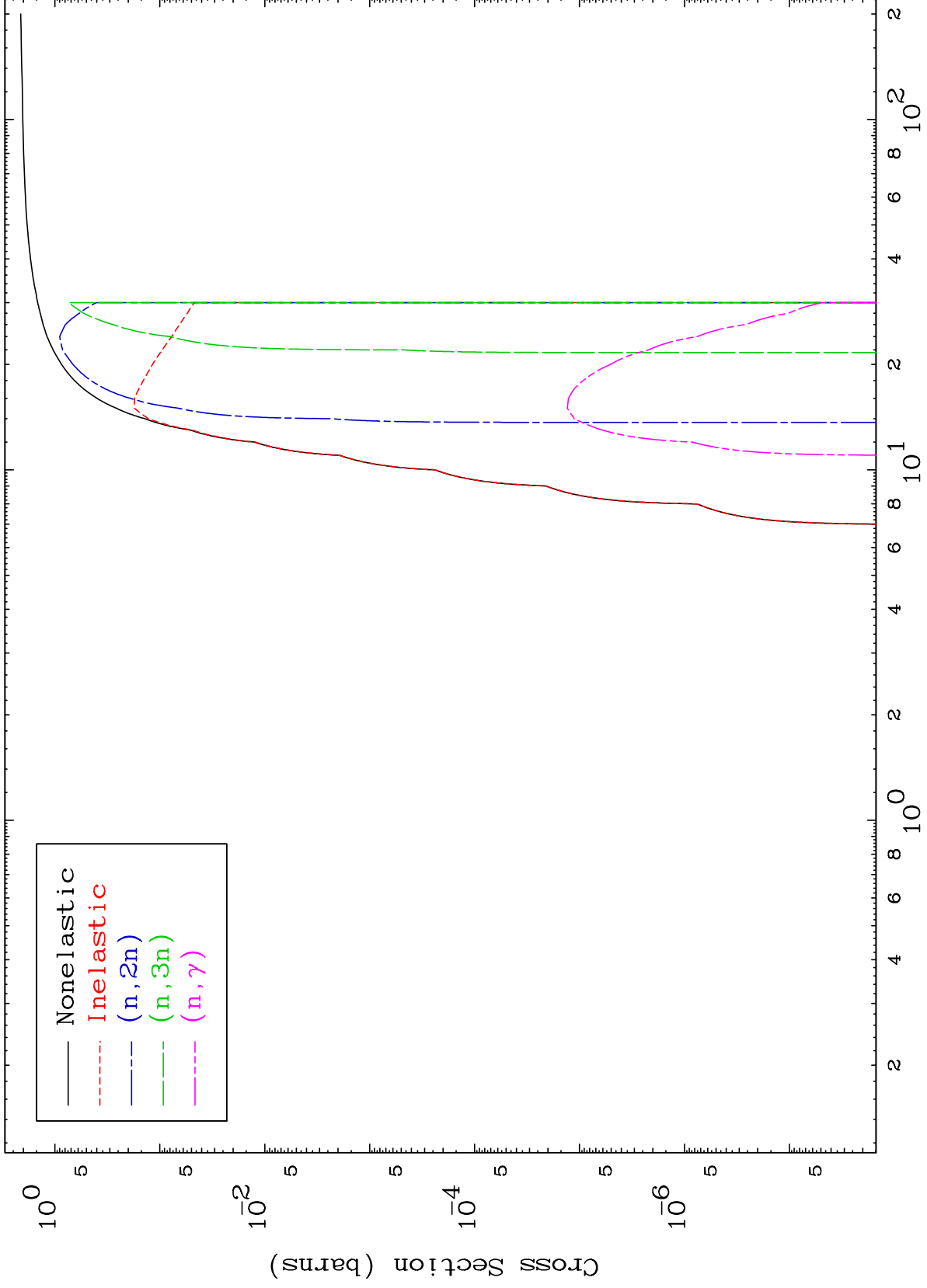
Press Mouse Button to Start

MAT 4734

α Major

47-Ag-110

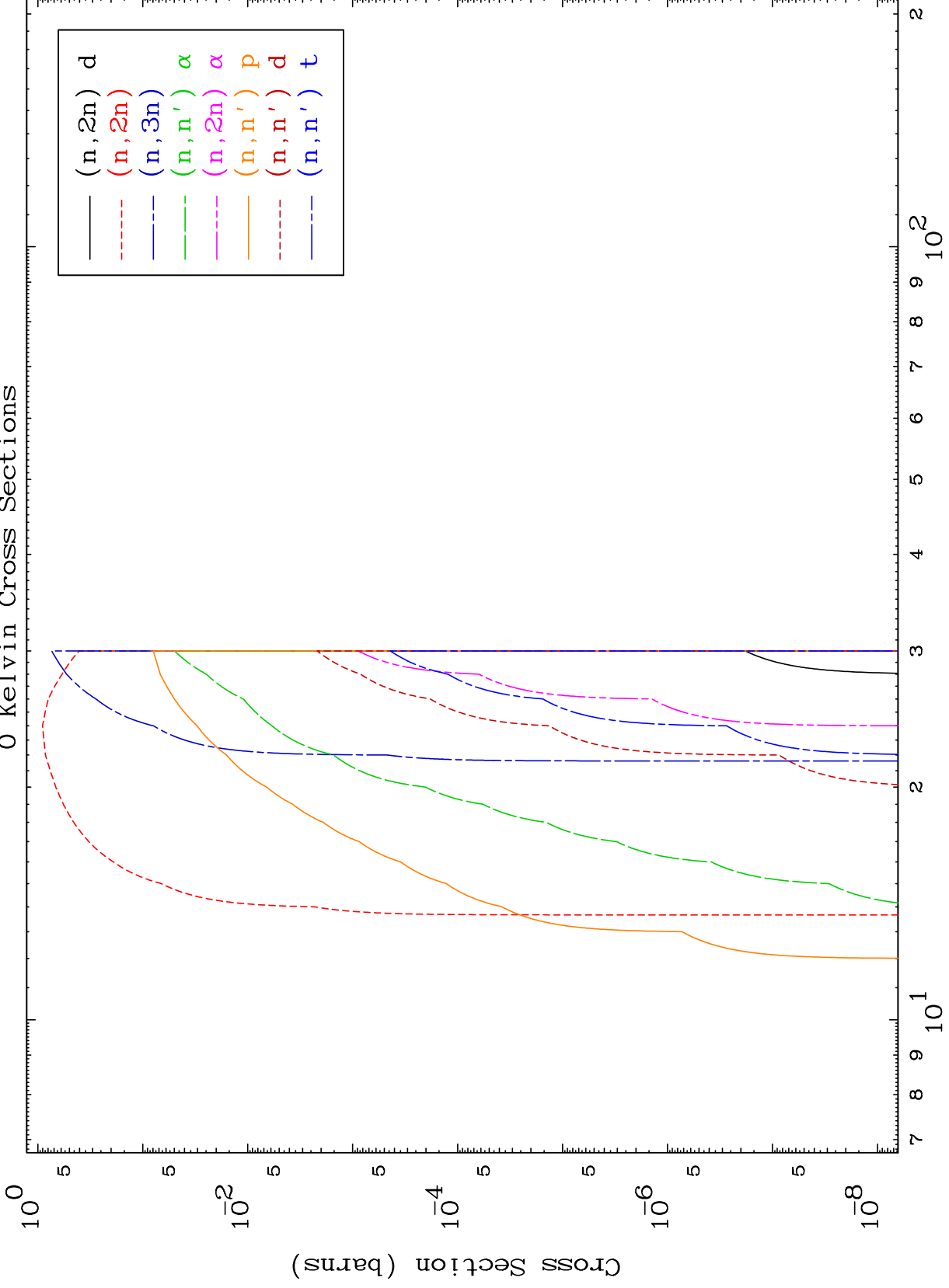
0 Kelvin Cross Sections



MAT 4734

α Neutron Absorption
0 Kelvin Cross Sections

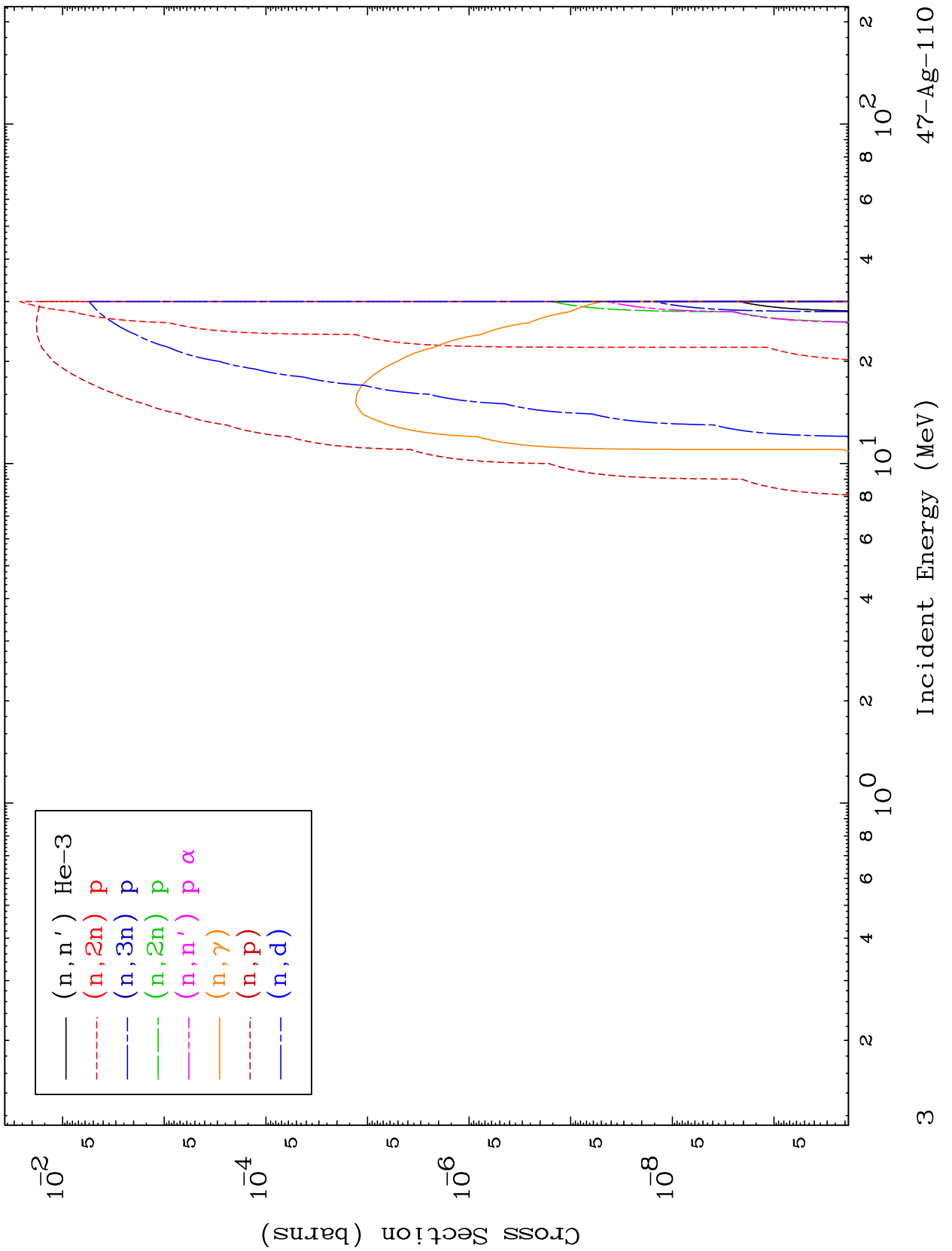
47-Ag-110



2

Incident Energy (MeV)

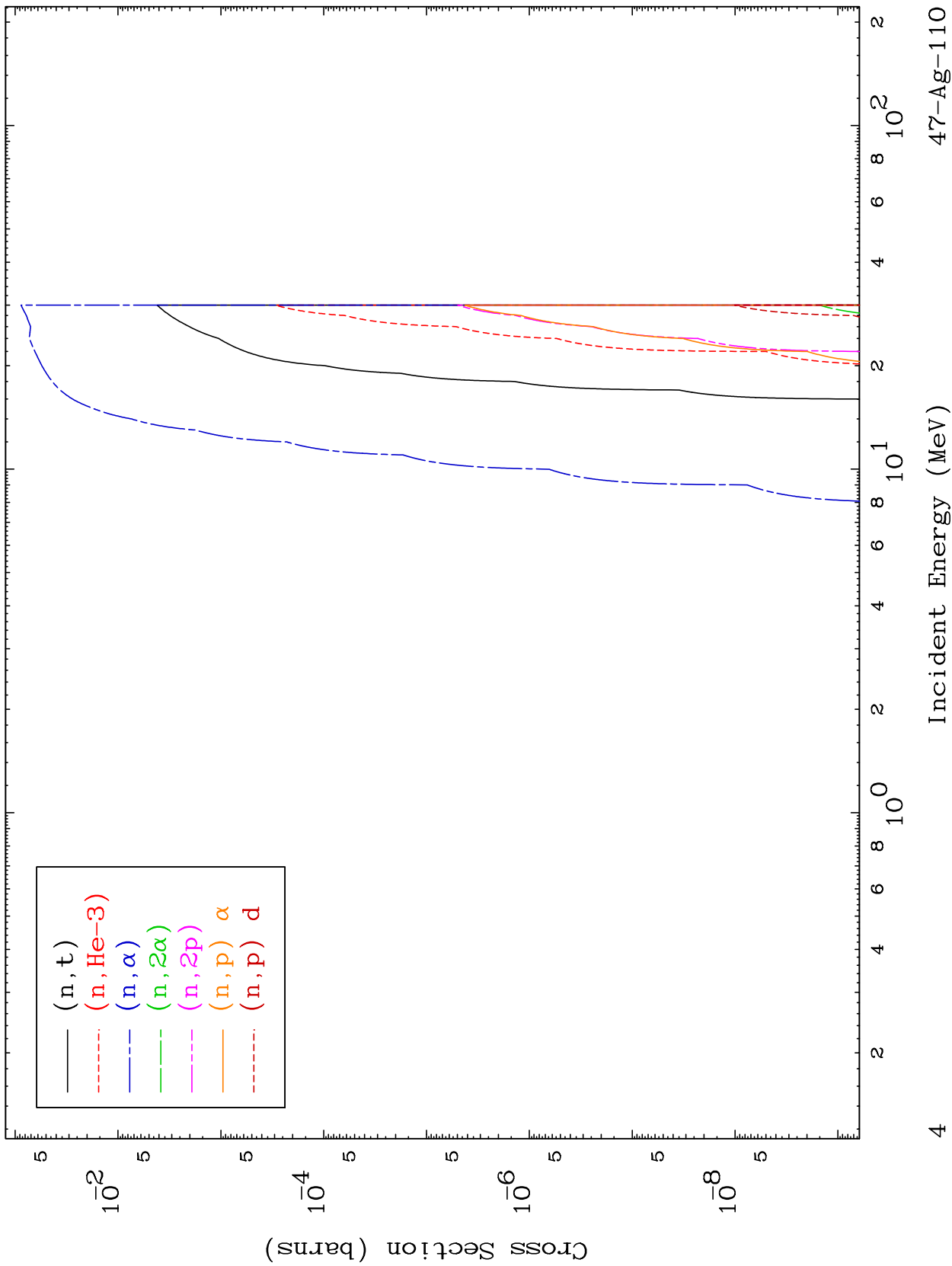
47-Ag-110



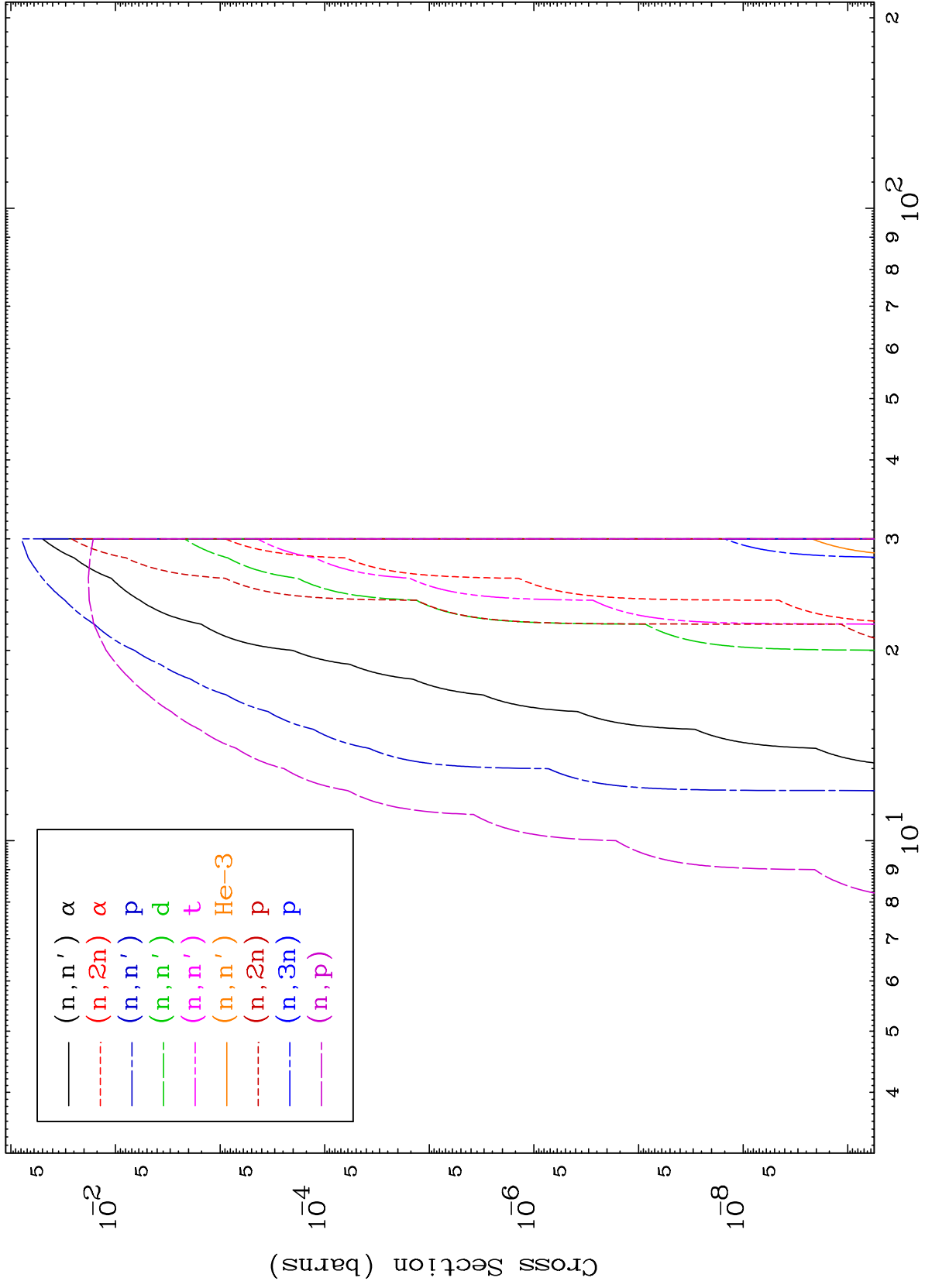
MAT 4734

α Neutron Absorption
0 Kelvin Cross Sections

47-Ag-110



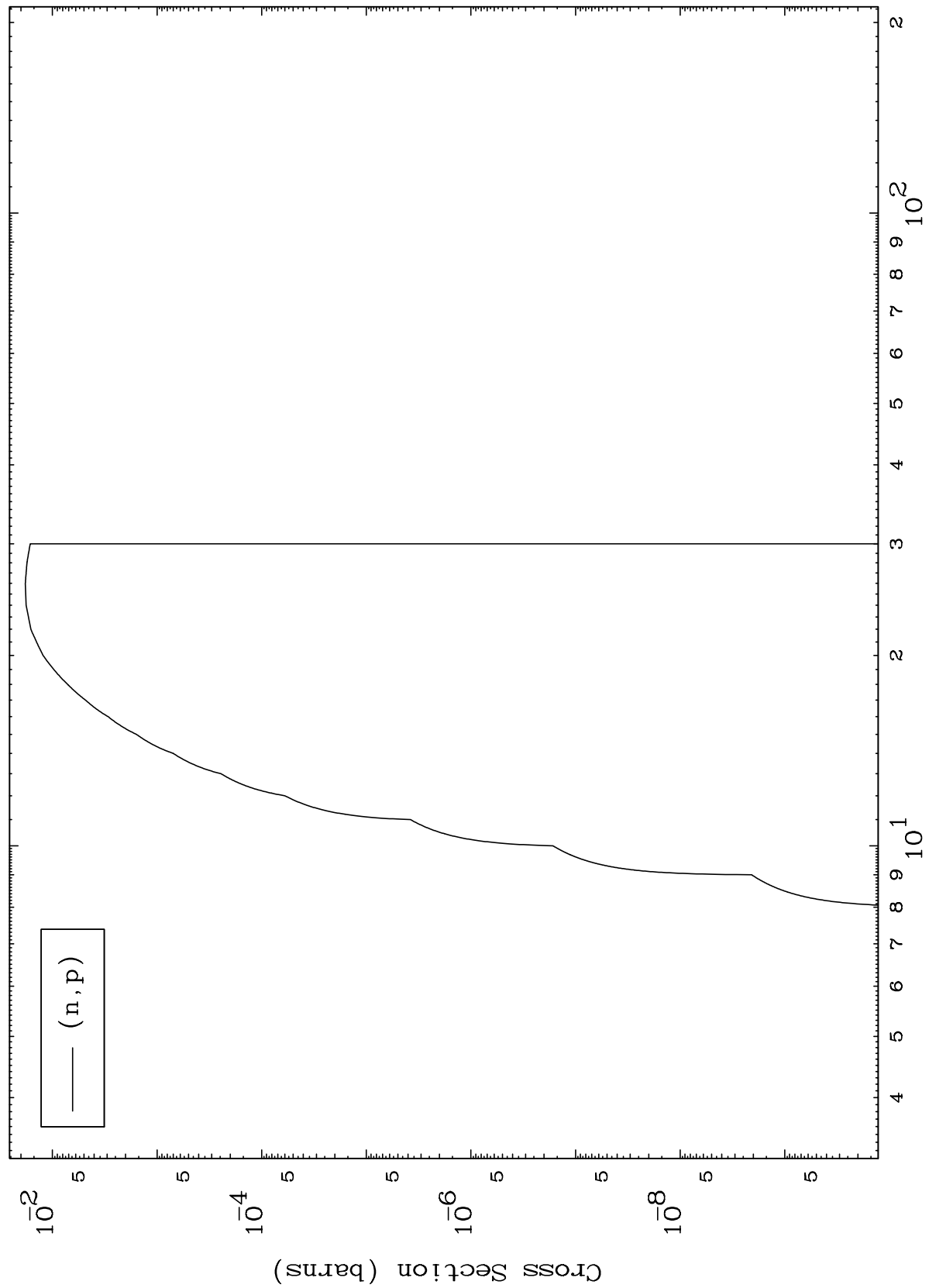
47-Ag-110



MAT 4734

47-Ag-110

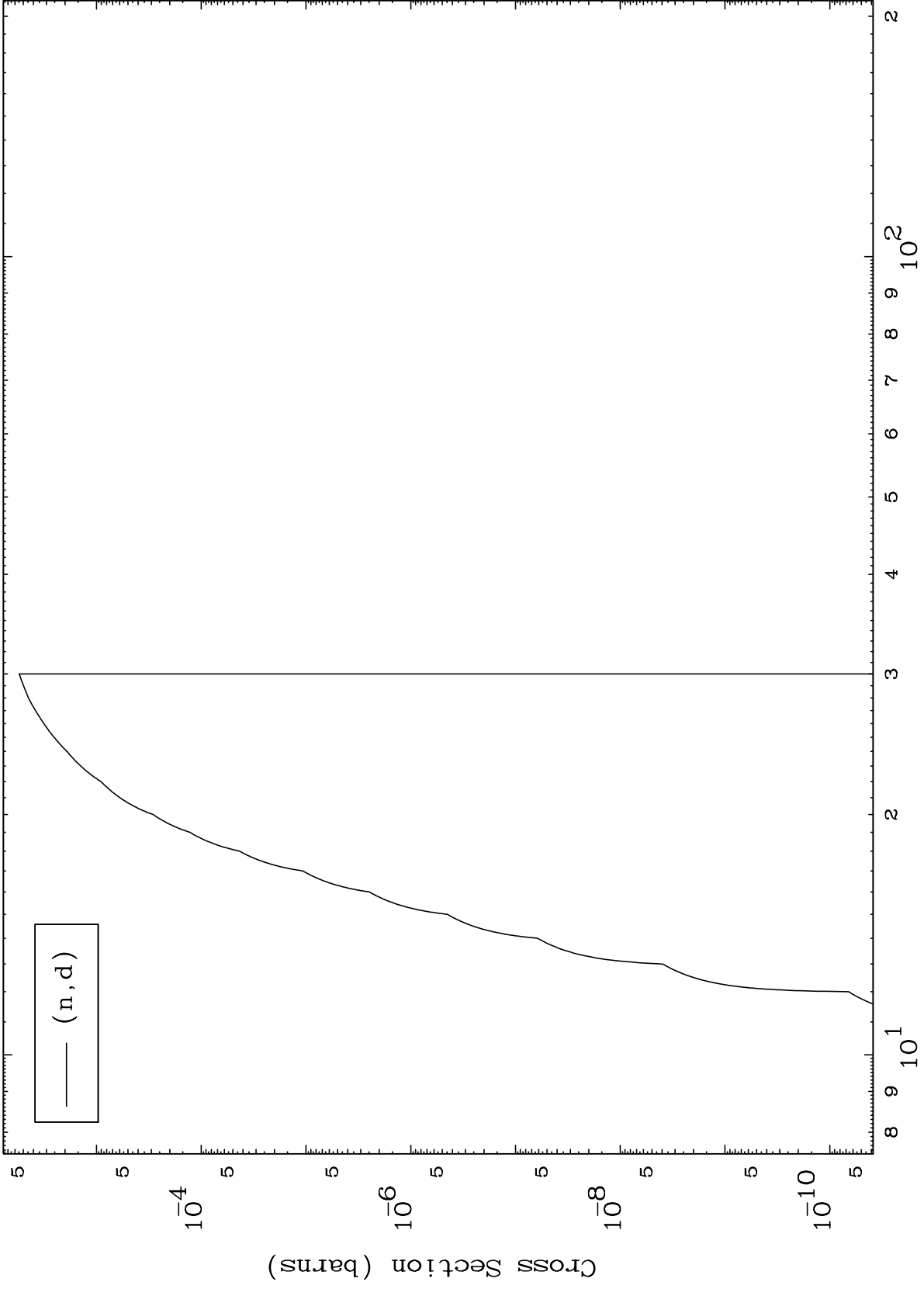
(α, p) Levels
0 Kelvin Cross Sections



MAT 4734

(α, d) Levels
0 Kelvin Cross Sections

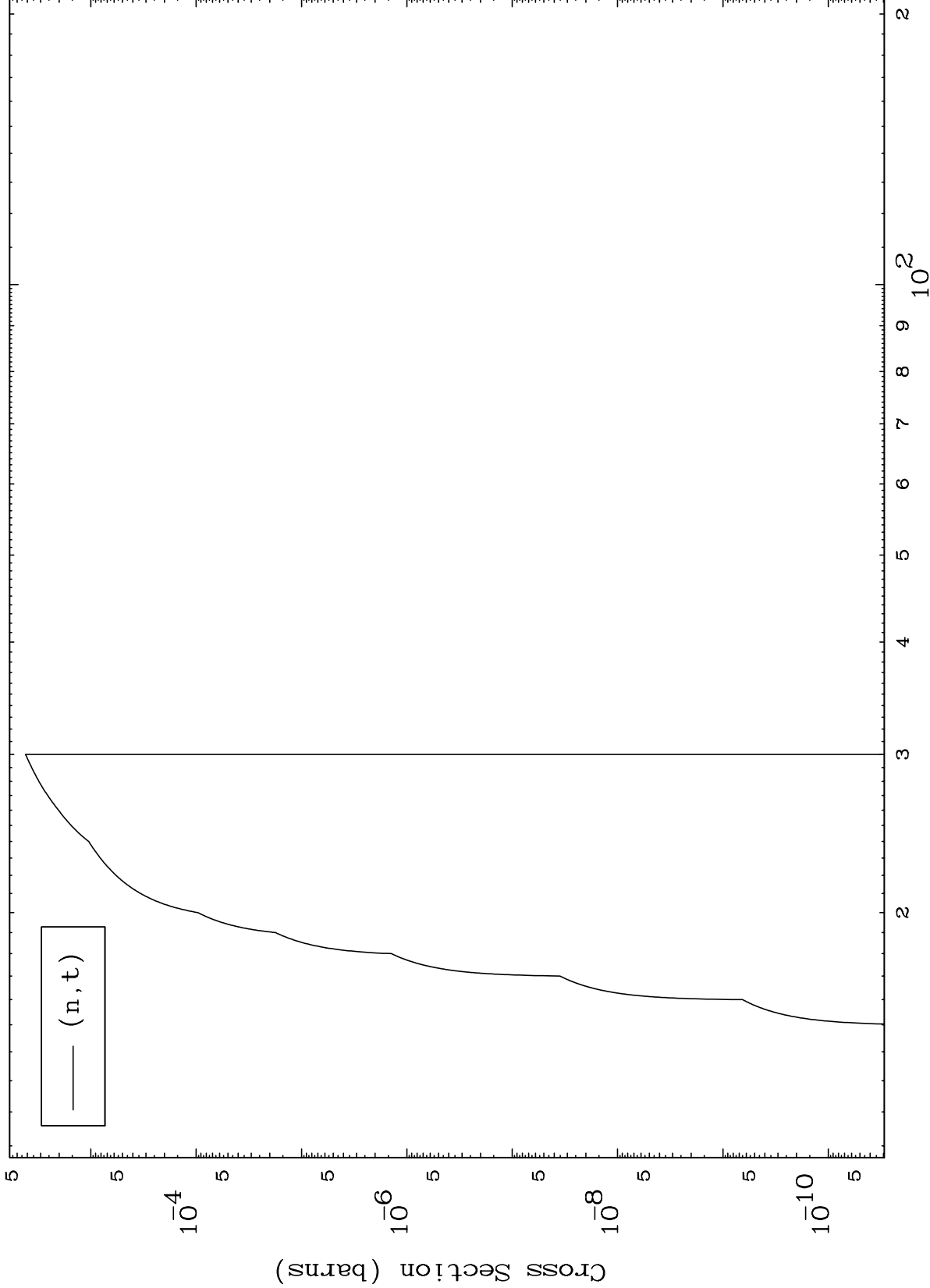
47-Ag-110



8

Incident Energy (MeV)

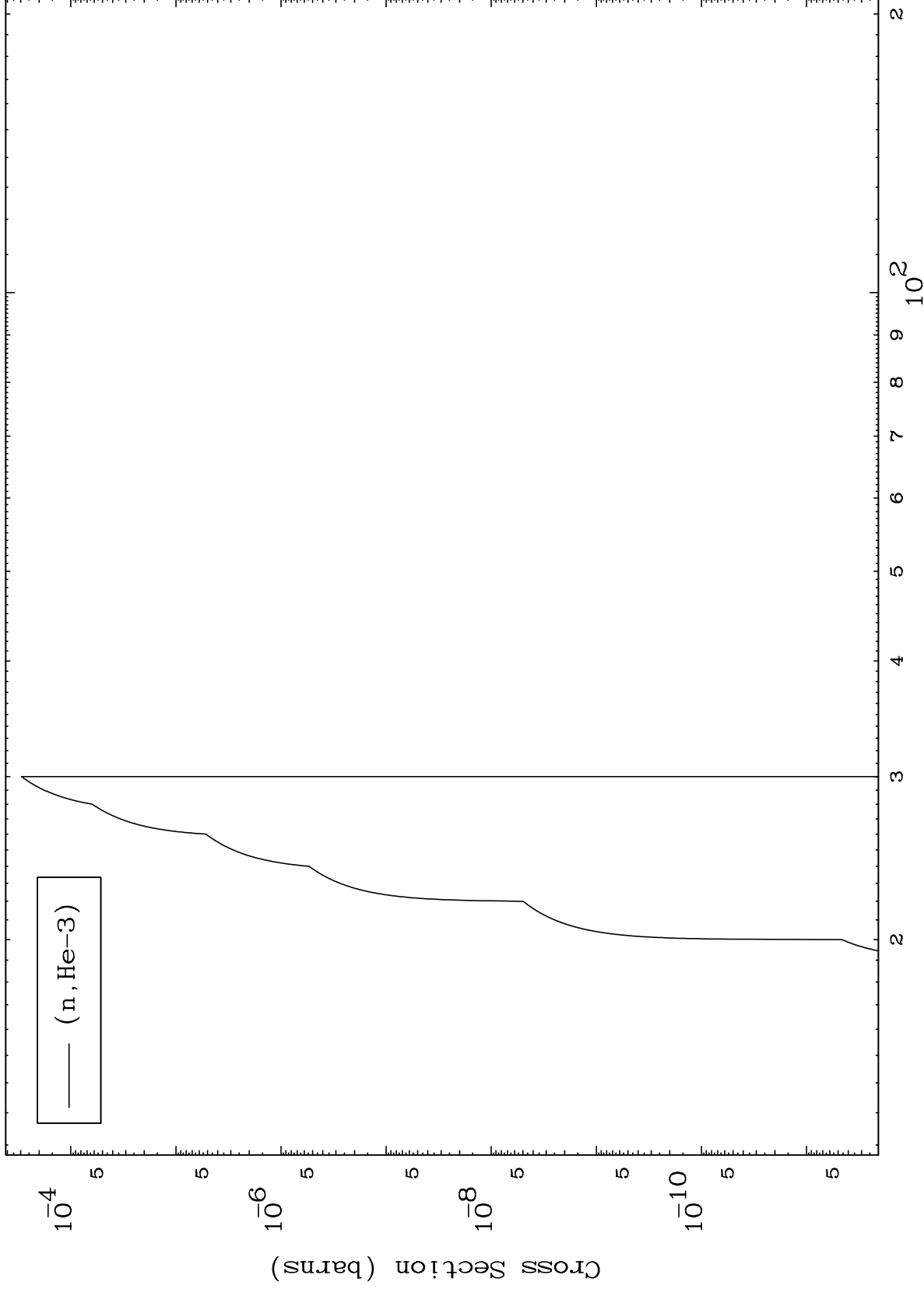
47-Ag-110



MAT 4734

(α , He3) Levels
0 Kelvin Cross Sections

47-Ag-110



10

Incident Energy (MeV)

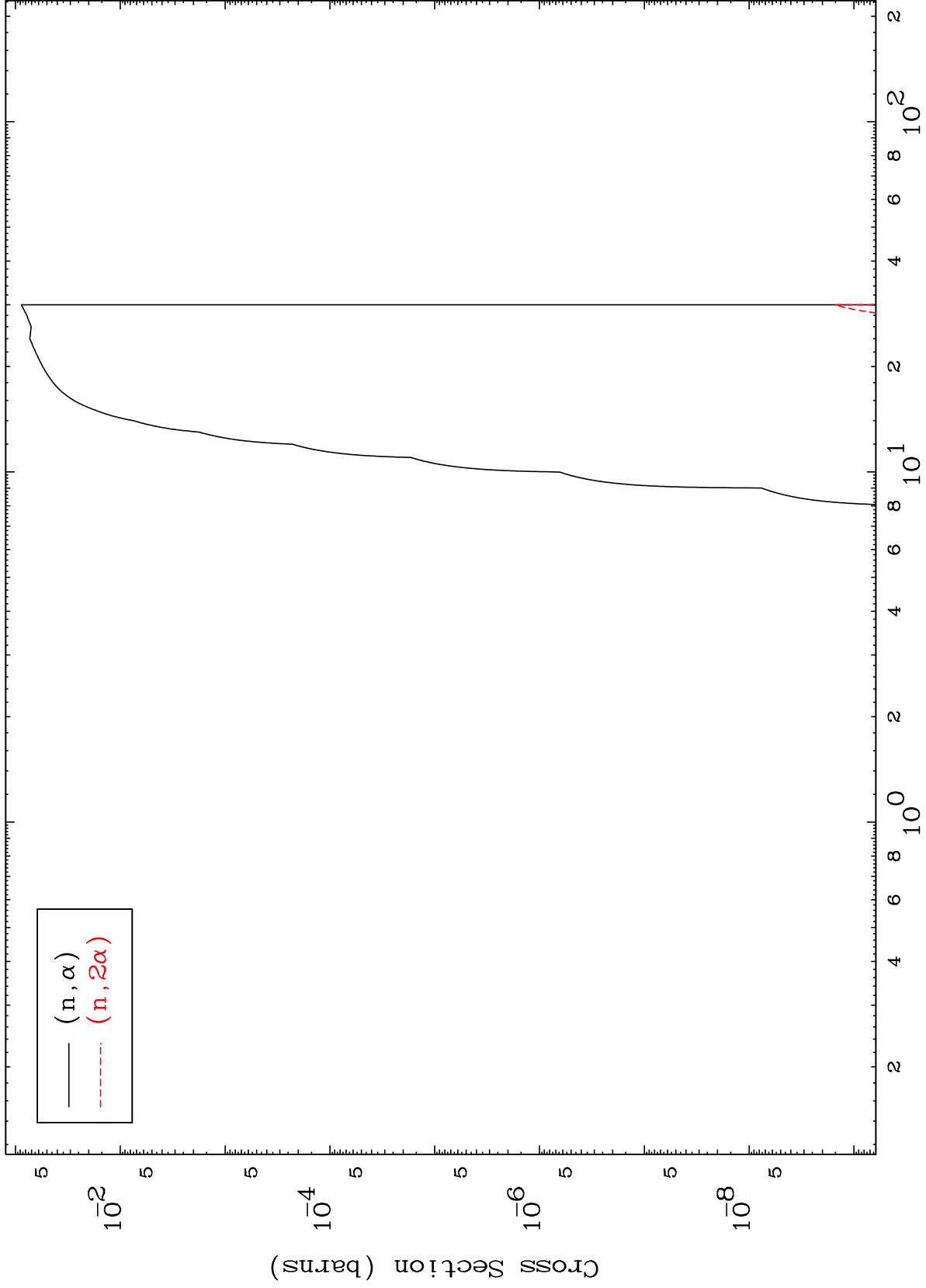
47-Ag-110

MAT 4734

(α, α) Levels

47-Ag-110

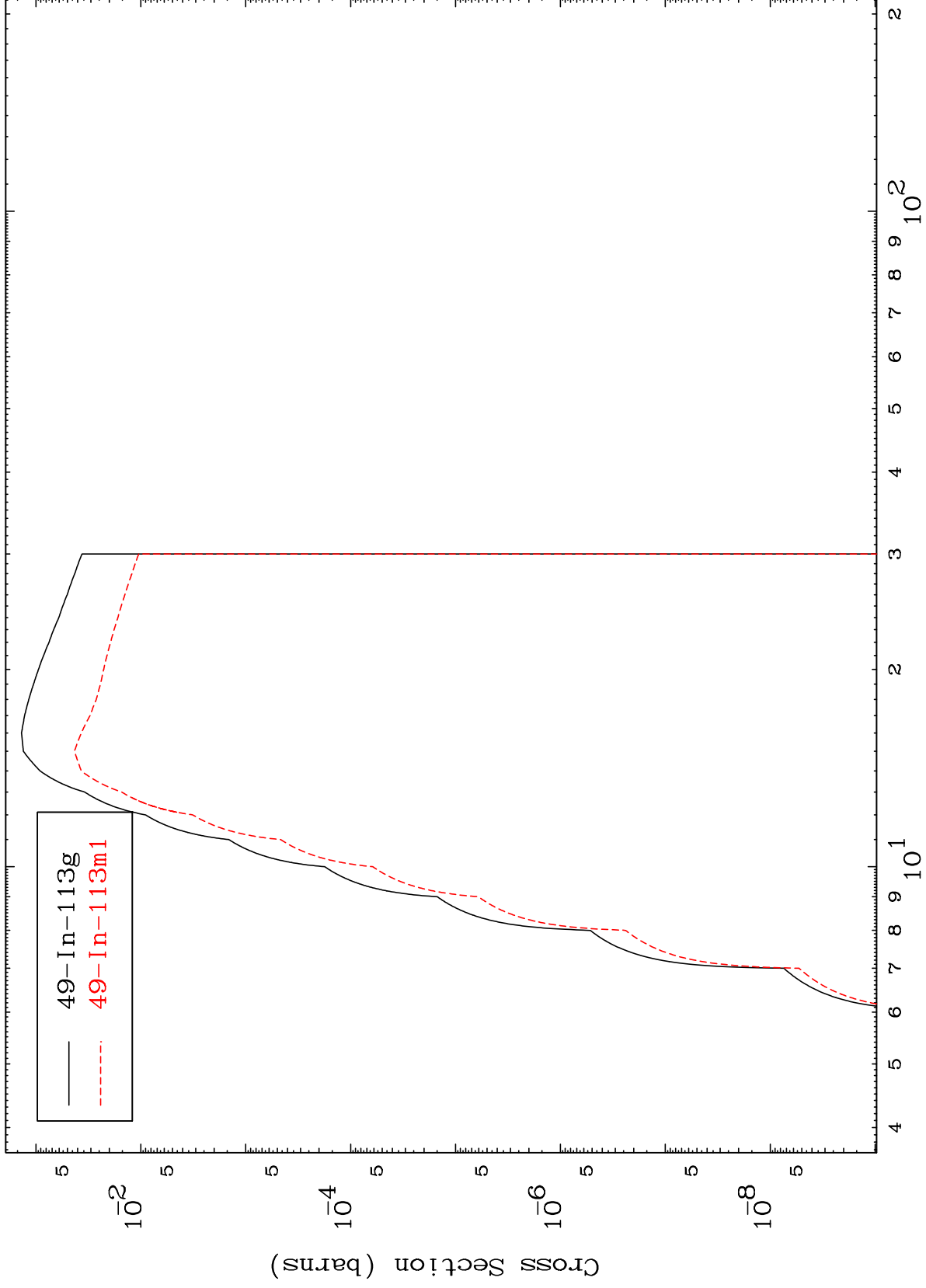
0 Kelvin Cross Sections



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47-Ag-110

Inelastic
Radionuclide Production Cross Section



47-Ag-110

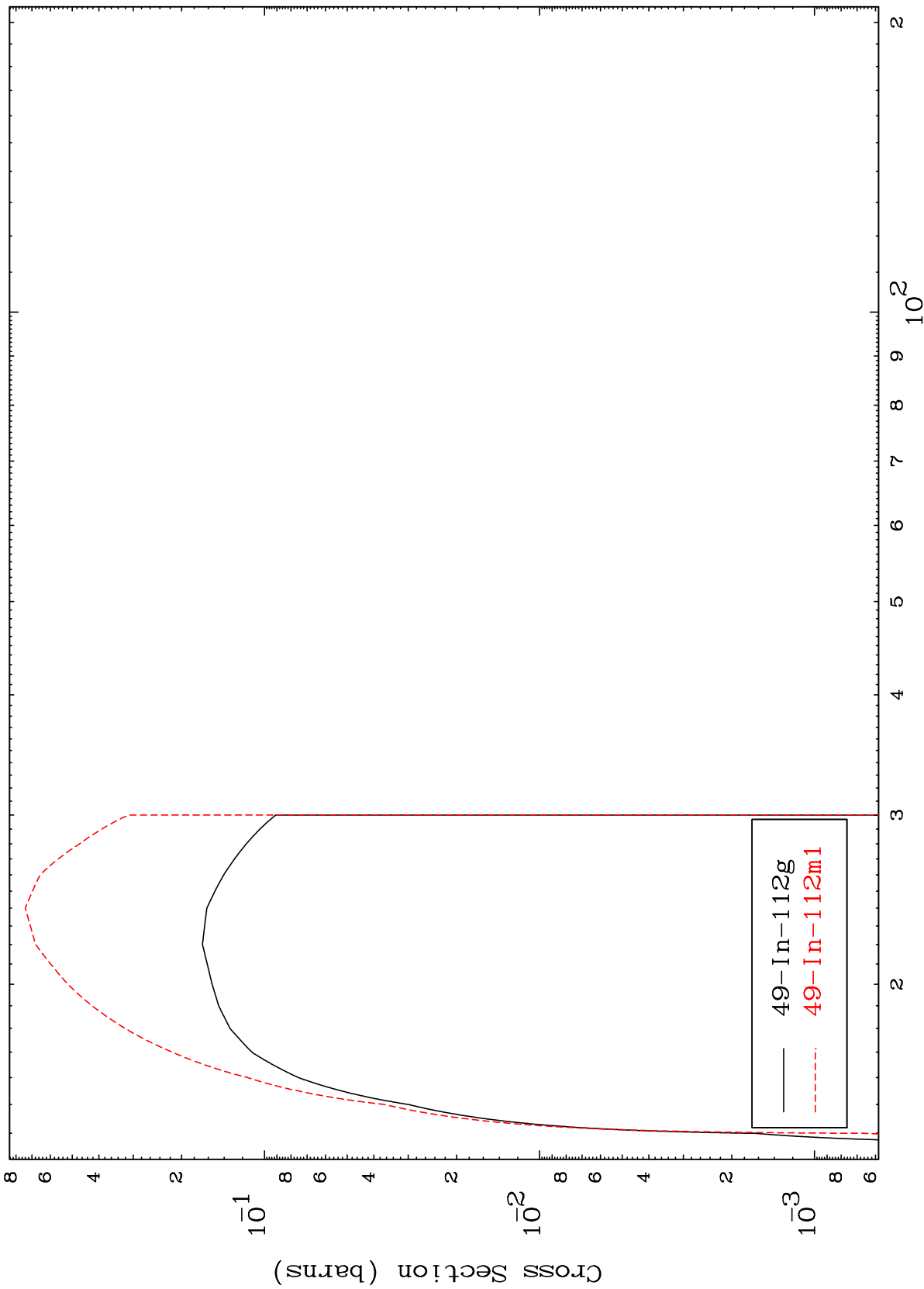
Incident Energy (MeV)

12

MAT 4734

47-Ag-110

Radionuclide Production Cross Section



47-Ag-110

Incident Energy (MeV)

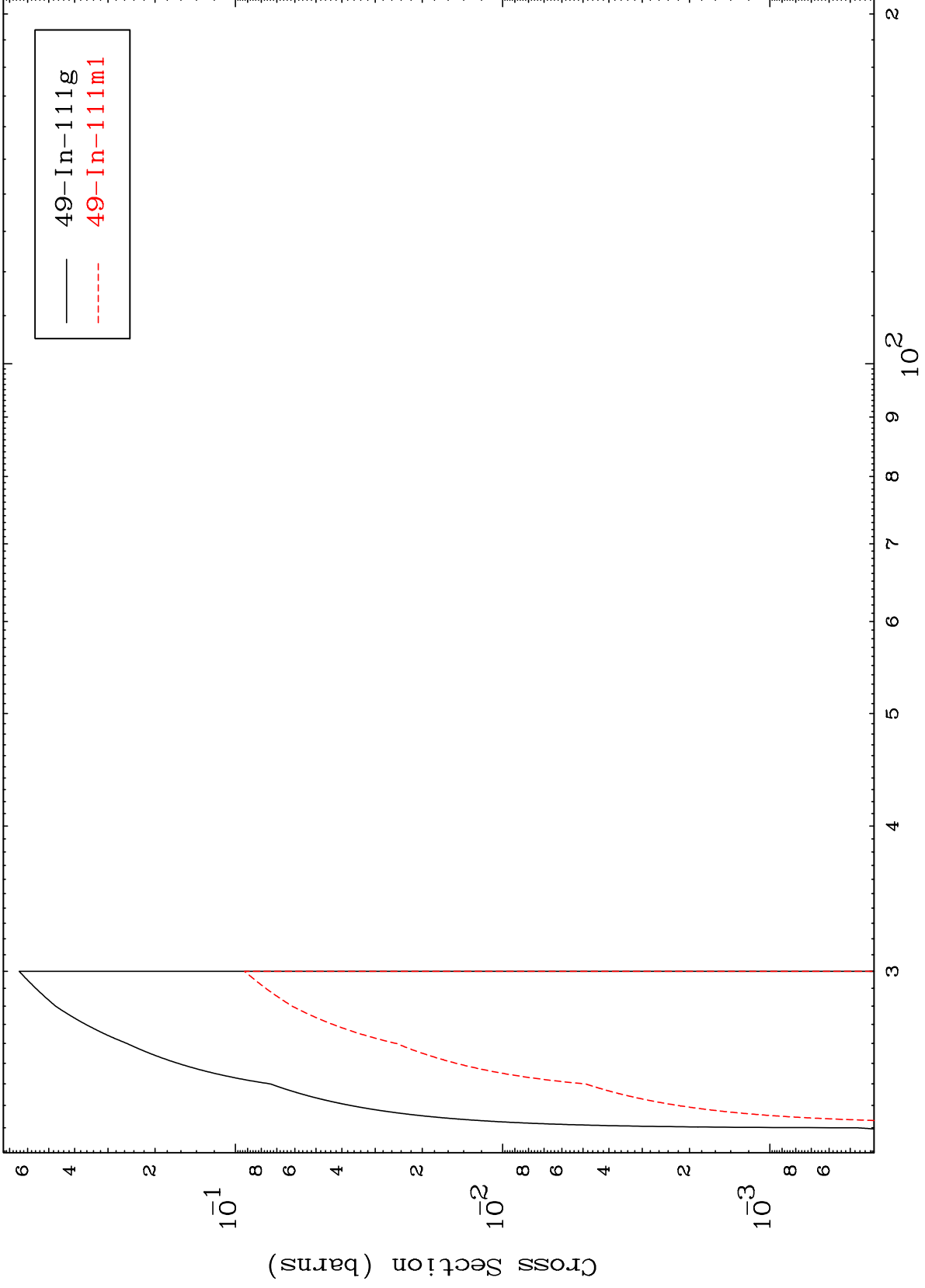
13

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(n,3n)

47-Ag-110

Radionuclide Production Cross Section



14

Incident Energy (MeV)

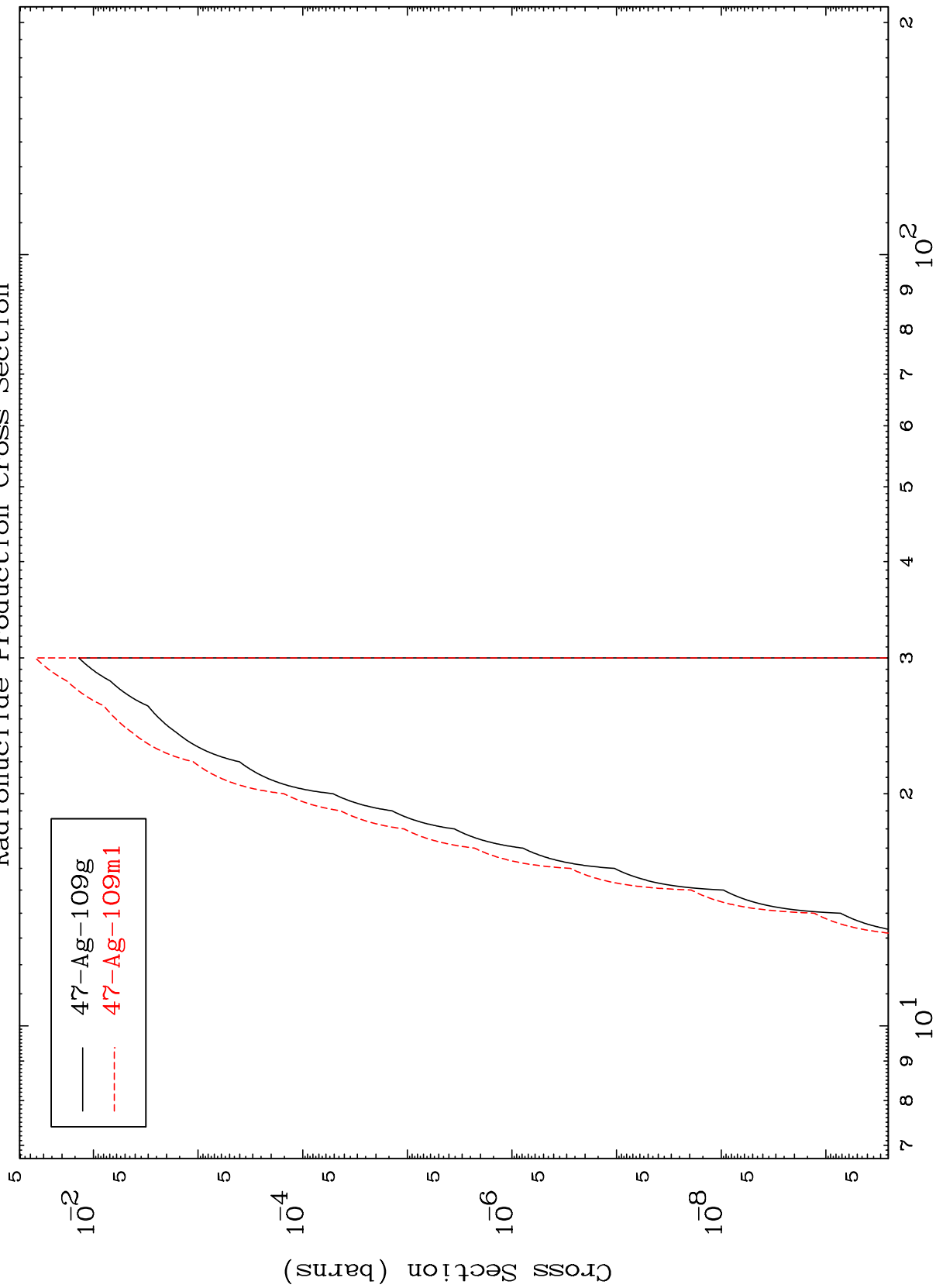
47-Ag-110

MAT 4734

47-Ag-110

(n,n') α

Radionuclide Production Cross Section



Legend:
— 47-Ag-109g
- - - 47-Ag-109m1

47-Ag-110

Incident Energy (MeV)

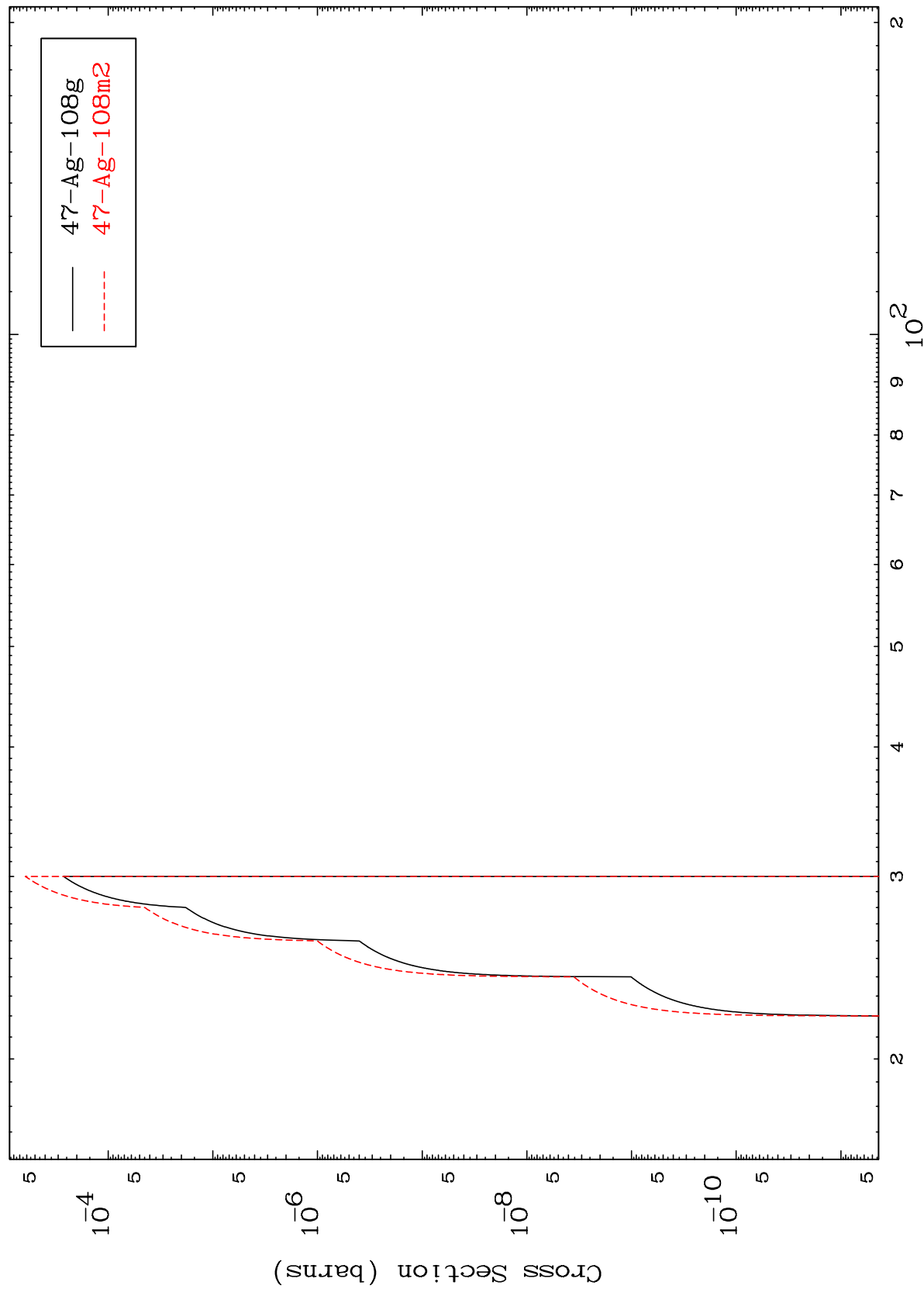
15

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(n,2n) α

47-Ag-110

Radionuclide Production Cross Section

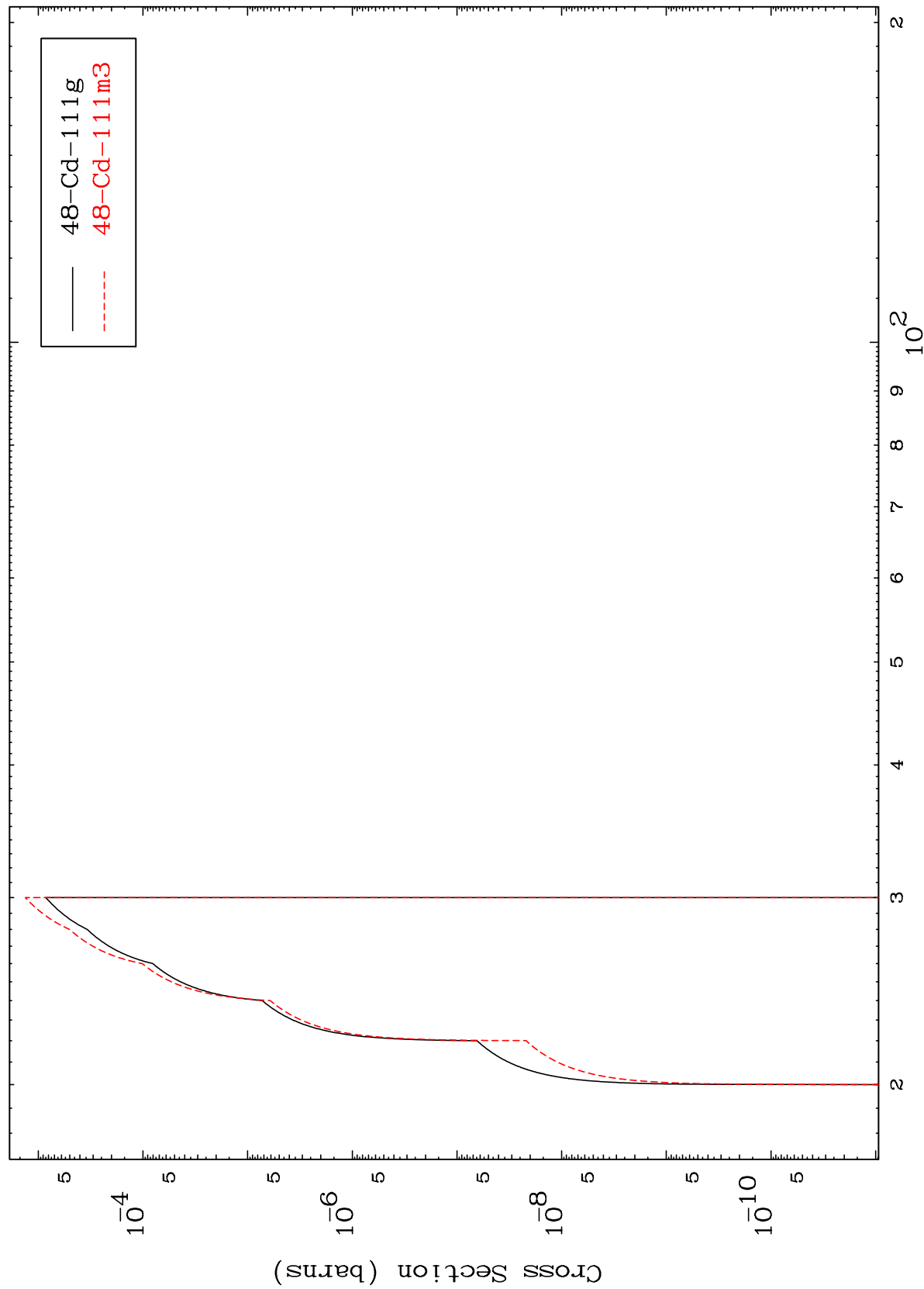


MAT 4734

(n,n') d

47-Ag-110

Radionuclide Production Cross Section



17

Incident Energy (MeV)

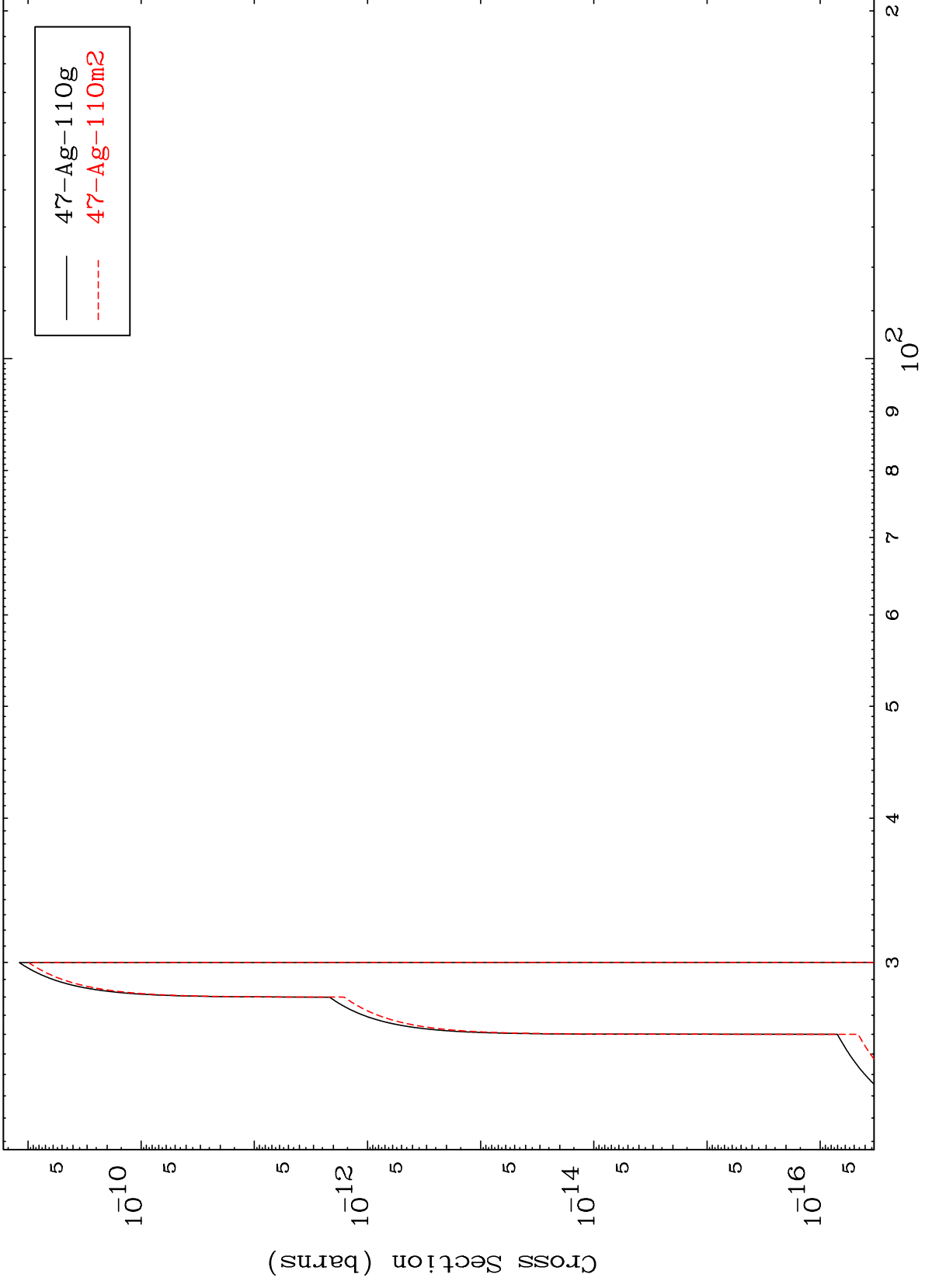
47-Ag-110

MAT 4734

(n,n') He-3

47-Ag-110

Radionuclide Production Cross Section



18

Incident Energy (MeV)

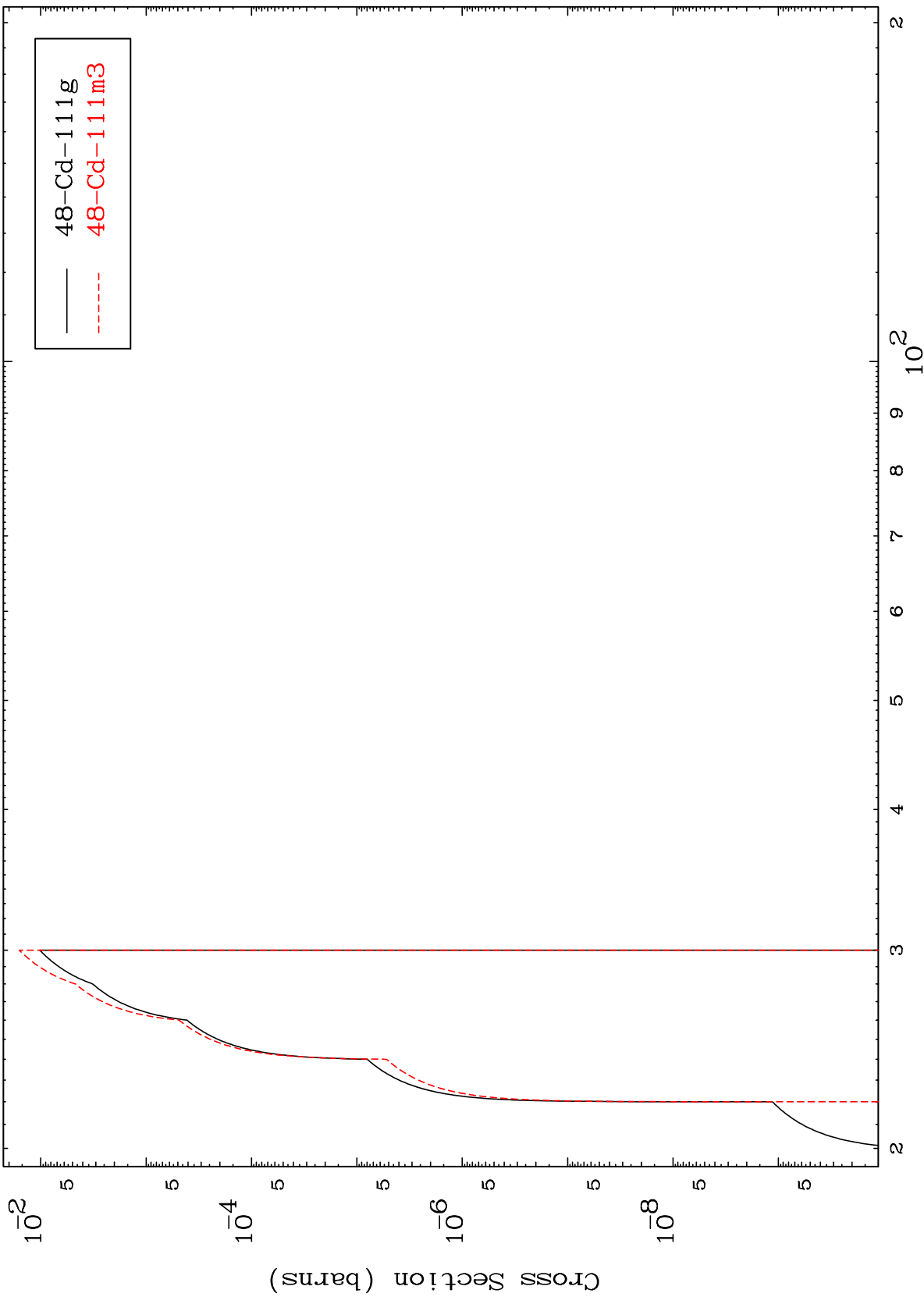
47-Ag-110

MAT 4734

(n,2n) p

47-Ag-110

Radionuclide Production Cross Section



48-Cd-111g
48-Cd-111m3

19

Incident Energy (MeV)

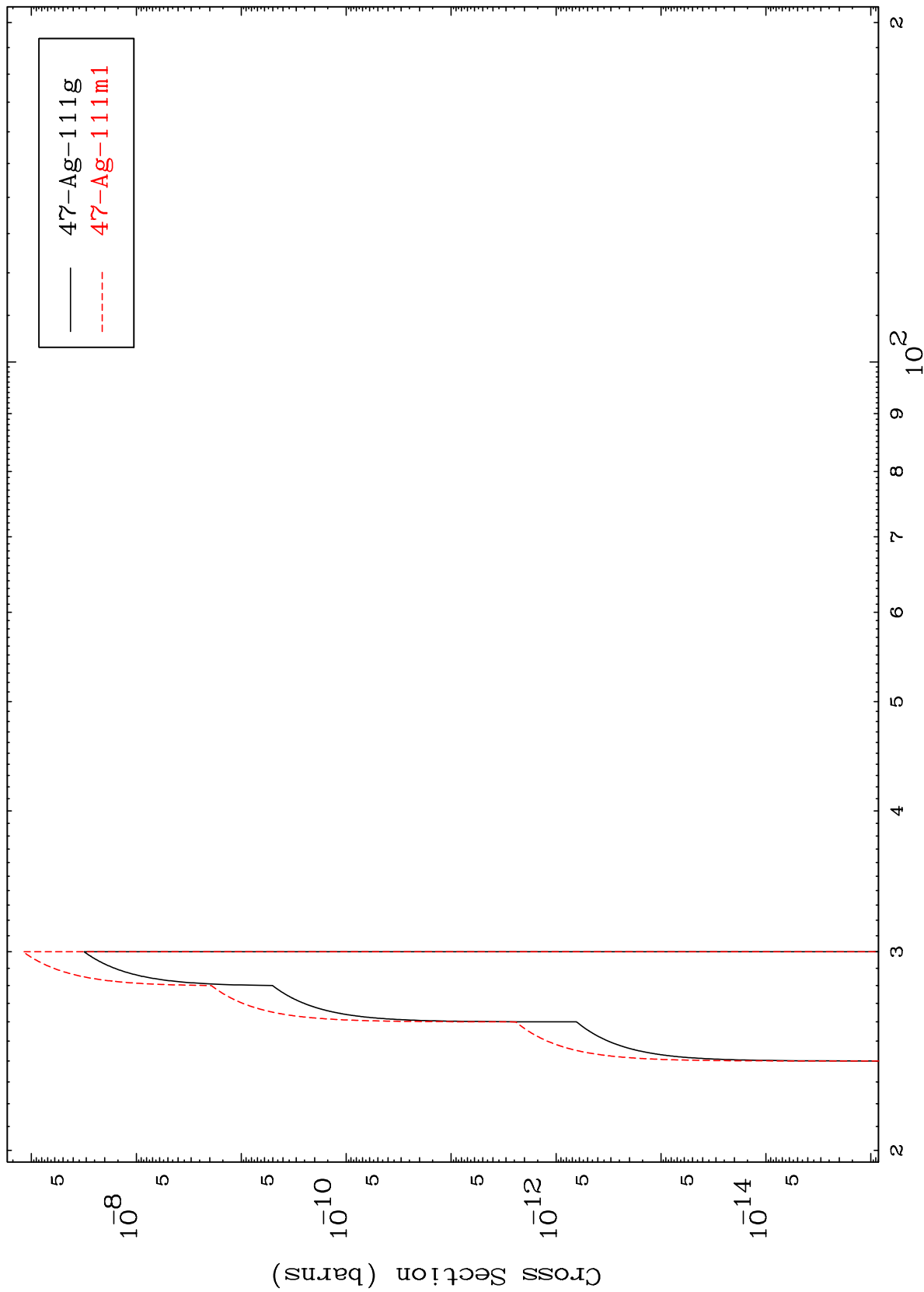
47-Ag-110

MAT 4734

47-Ag-110

(n,2n) p

Radionuclide Production Cross Section



20

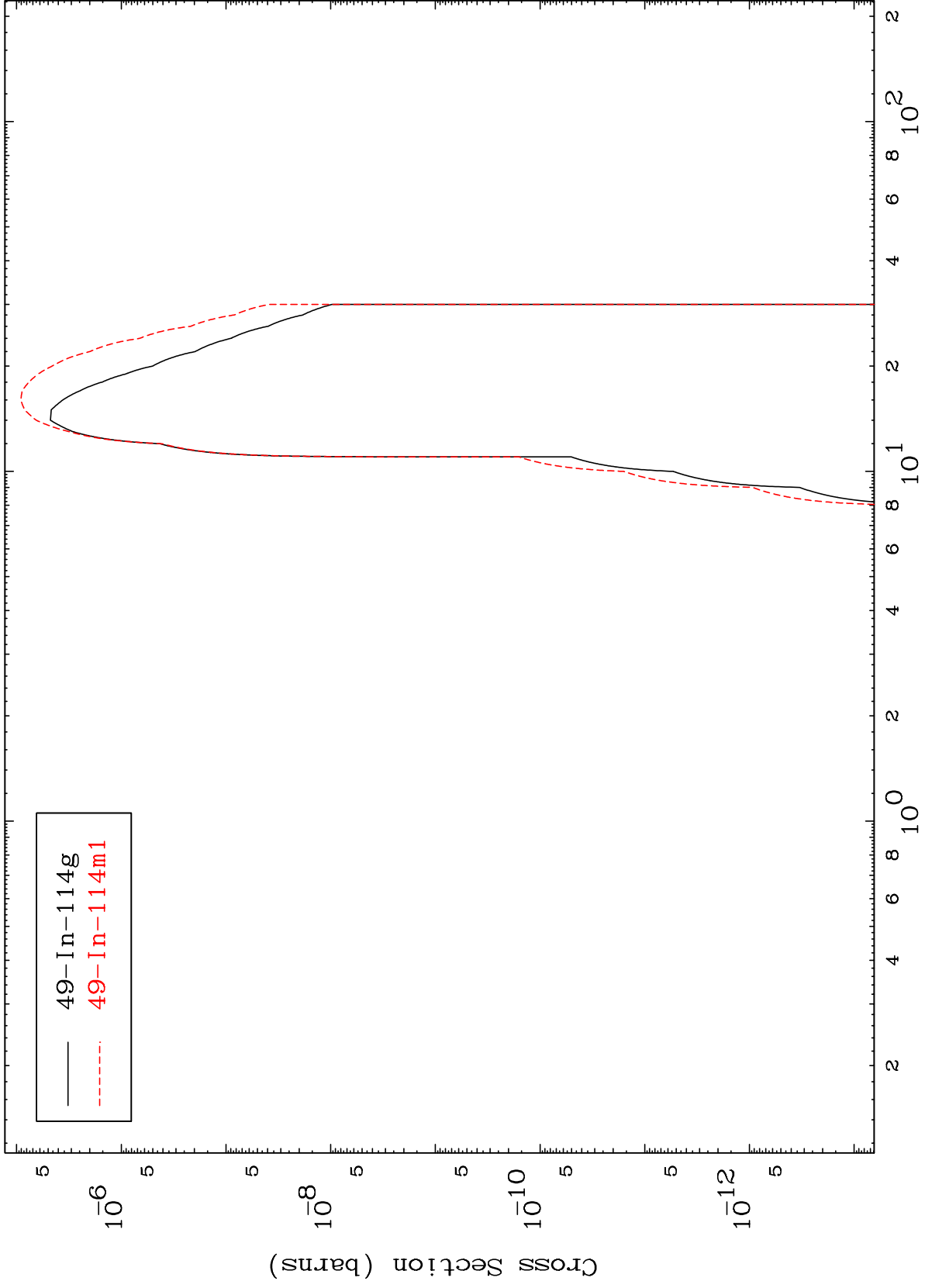
Incident Energy (MeV)

47-Ag-110

MAT 4734

47-Ag-110

(n, γ)
Radionuclide Production Cross Section



21

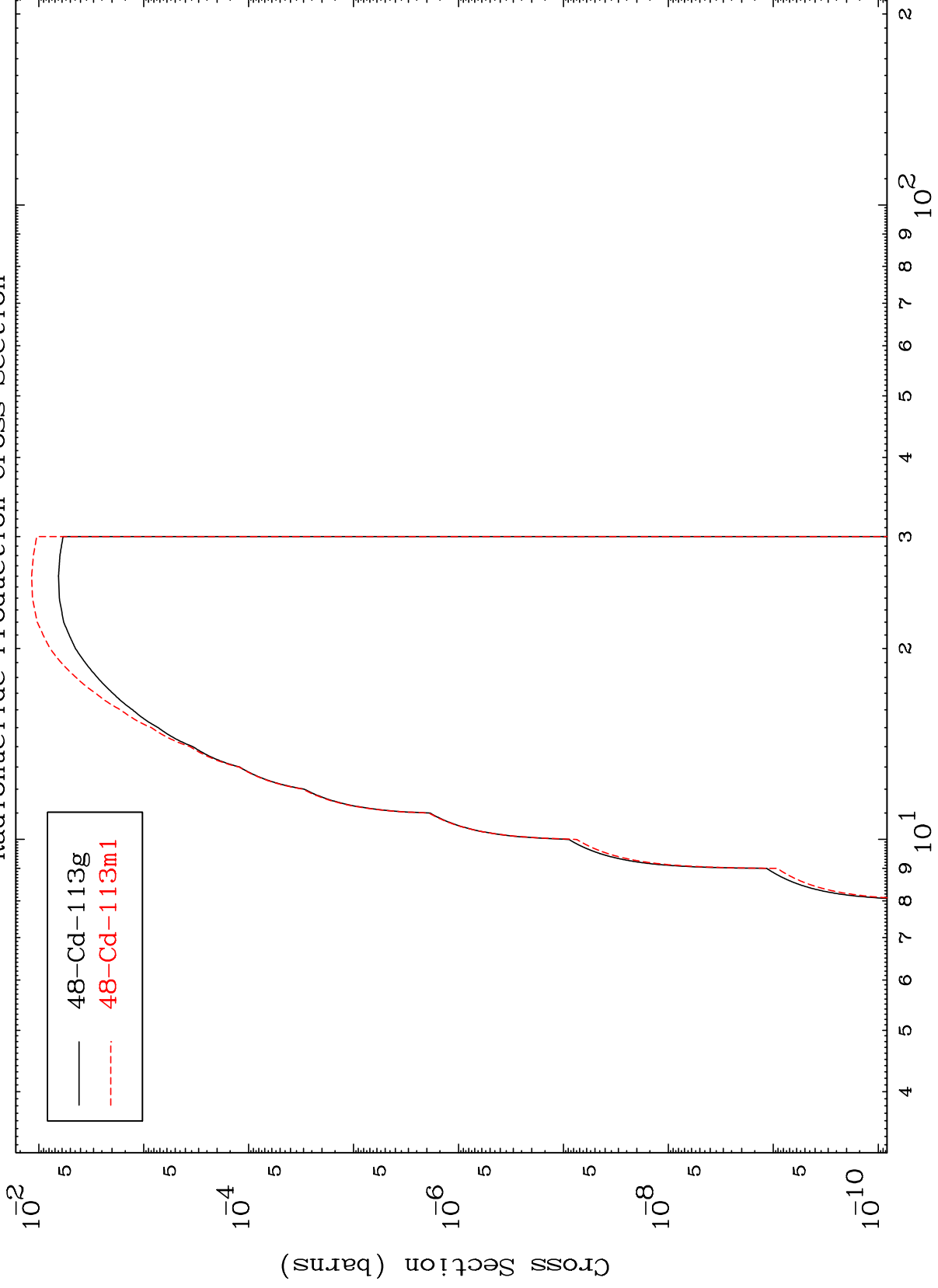
47-Ag-110

Incident Energy (MeV)

MAT 4734

47-Ag-110

Radionuclide Production Cross Section (n,p)



48-Cd-113g
48-Cd-113m1

47-Ag-110

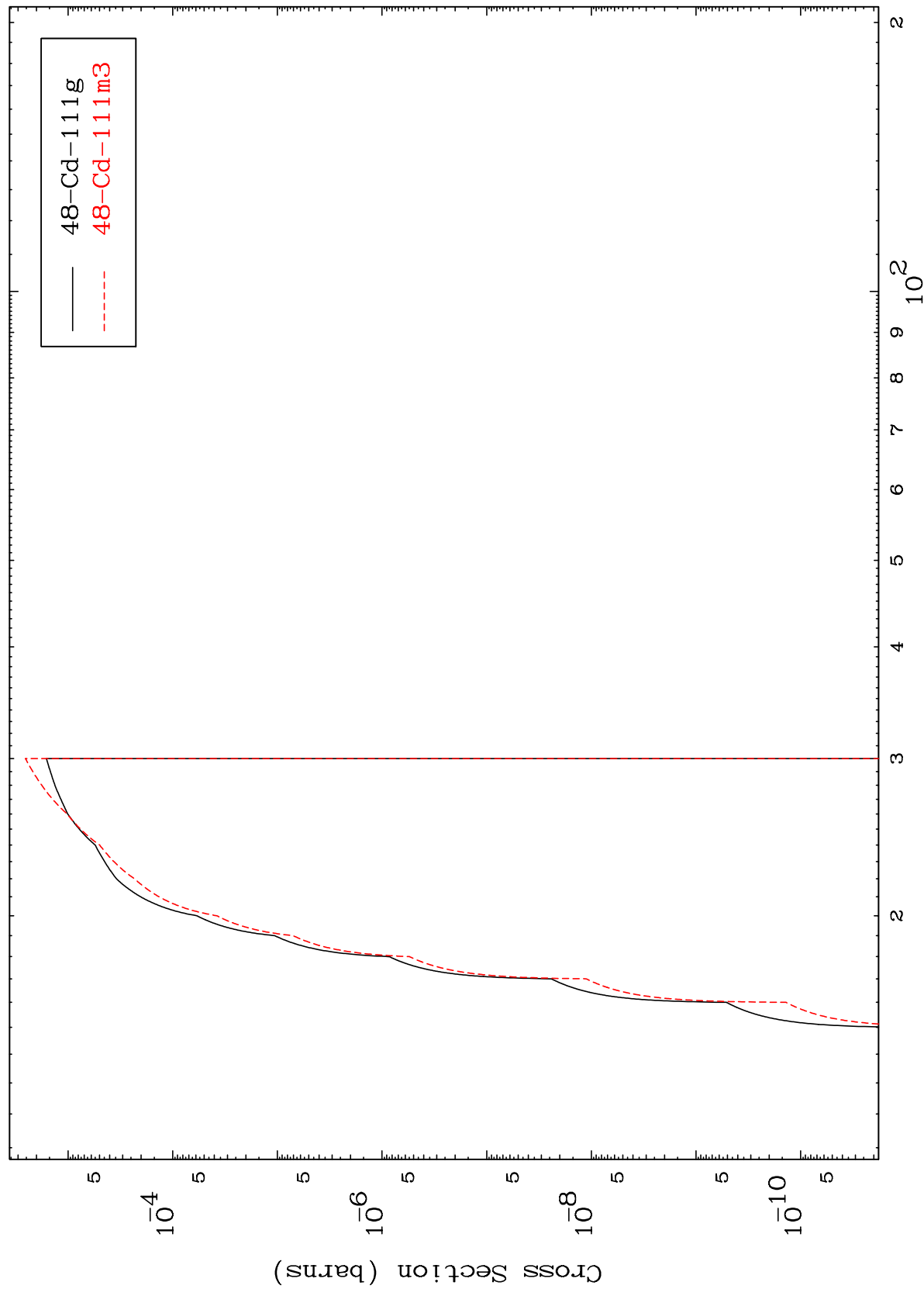
Incident Energy (MeV)

22

MAT 4734

47-Ag-110

(n, t)
Radionuclide Production Cross Section

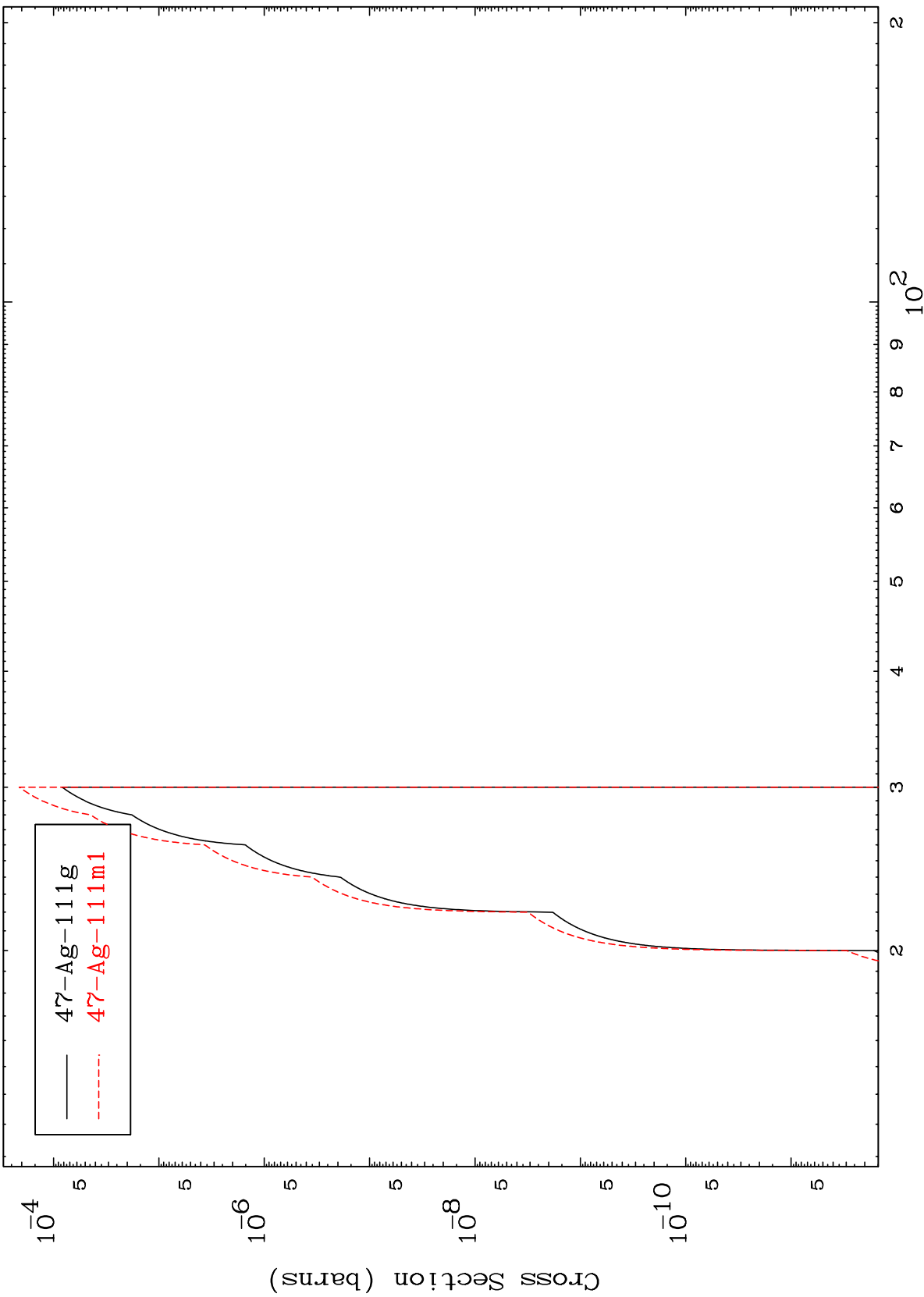


48-Cd-111g
48-Cd-111m3

MAT 4734

47-Ag-110

Radionuclide Production Cross Section
(n,He-3)



24

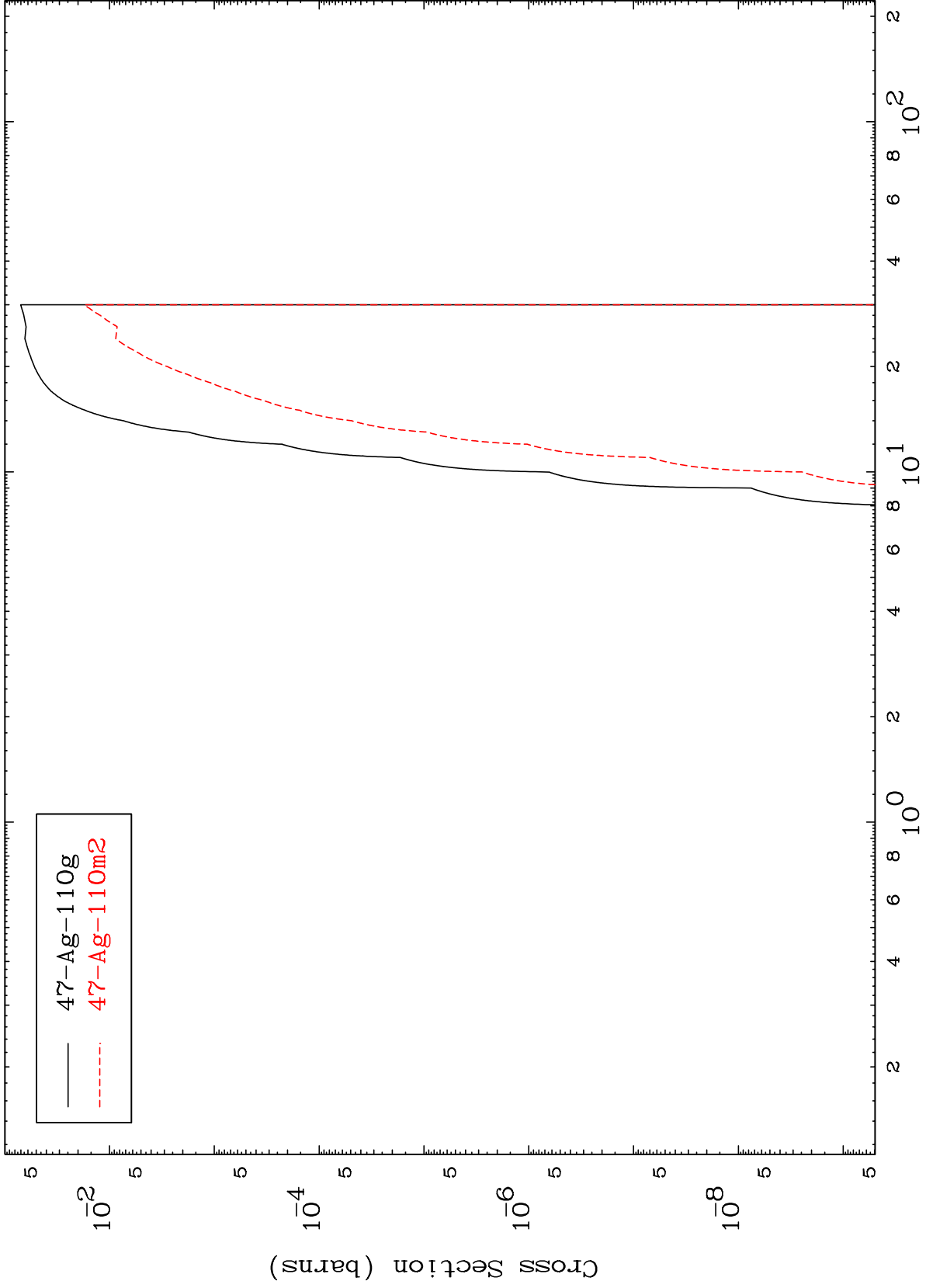
Incident Energy (MeV)

47-Ag-110

MAT 4734

47-Ag-110

Radionuclide Production Cross Section



25

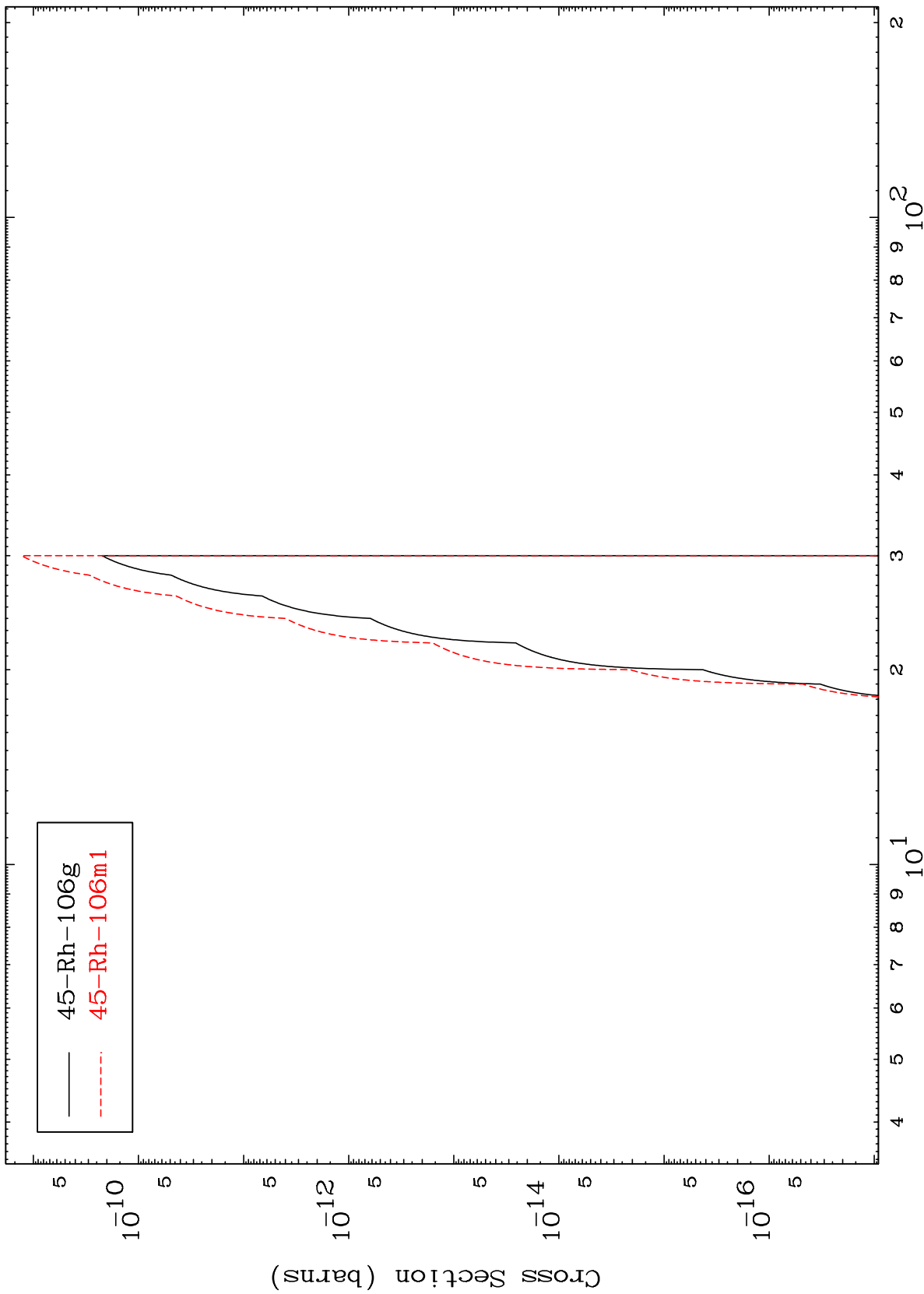
47-Ag-110

Incident Energy (MeV)

MAT 4734

47-Ag-110

(n,2α)
Radionuclide Production Cross Section



— 45-Rh-106g
- - - 45-Rh-106m1

47-Ag-110

Incident Energy (MeV)

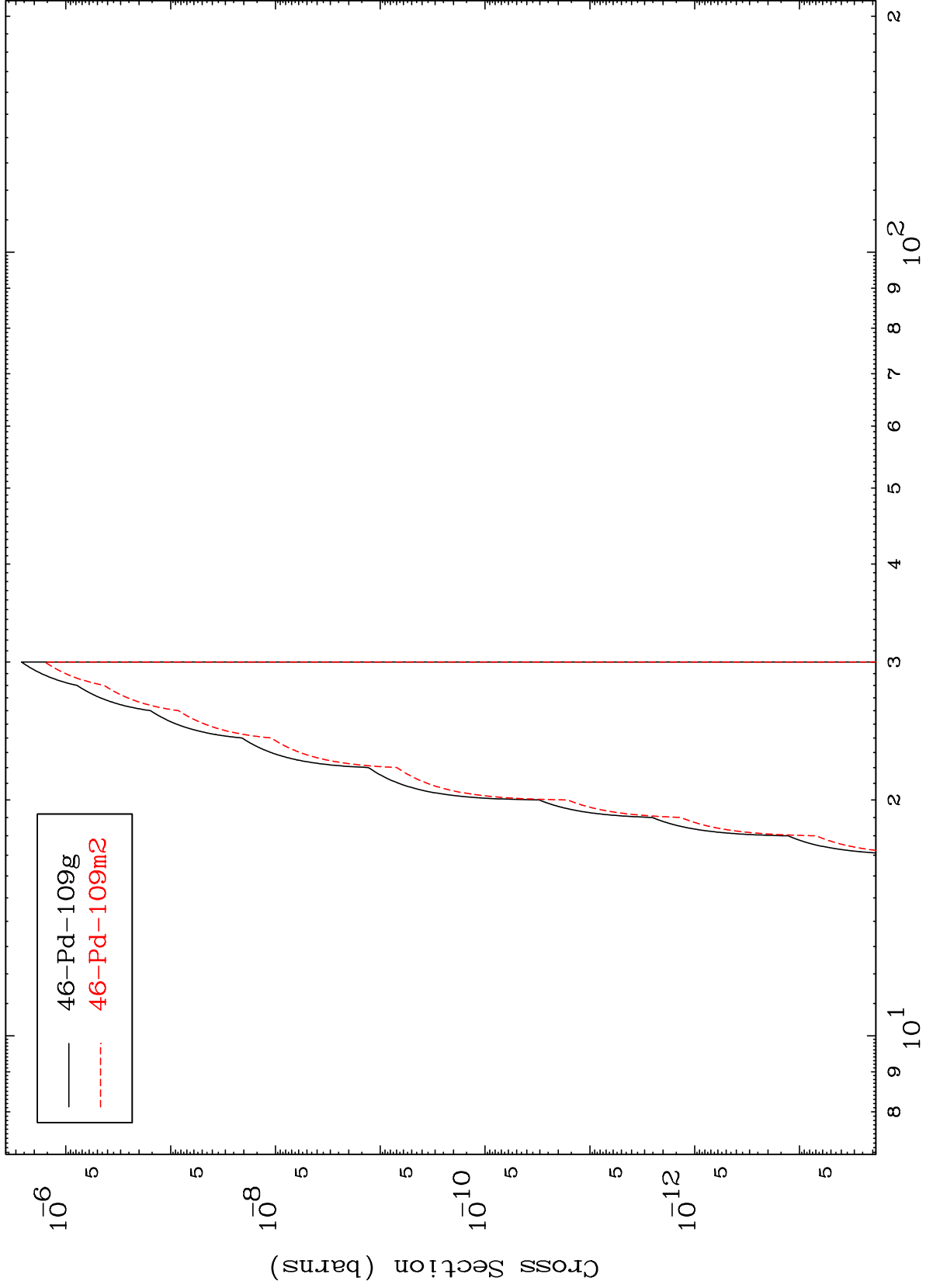
26

MAT 4734

(n,p) α

47-Ag-110

Radionuclide Production Cross Section



27

Incident Energy (MeV)

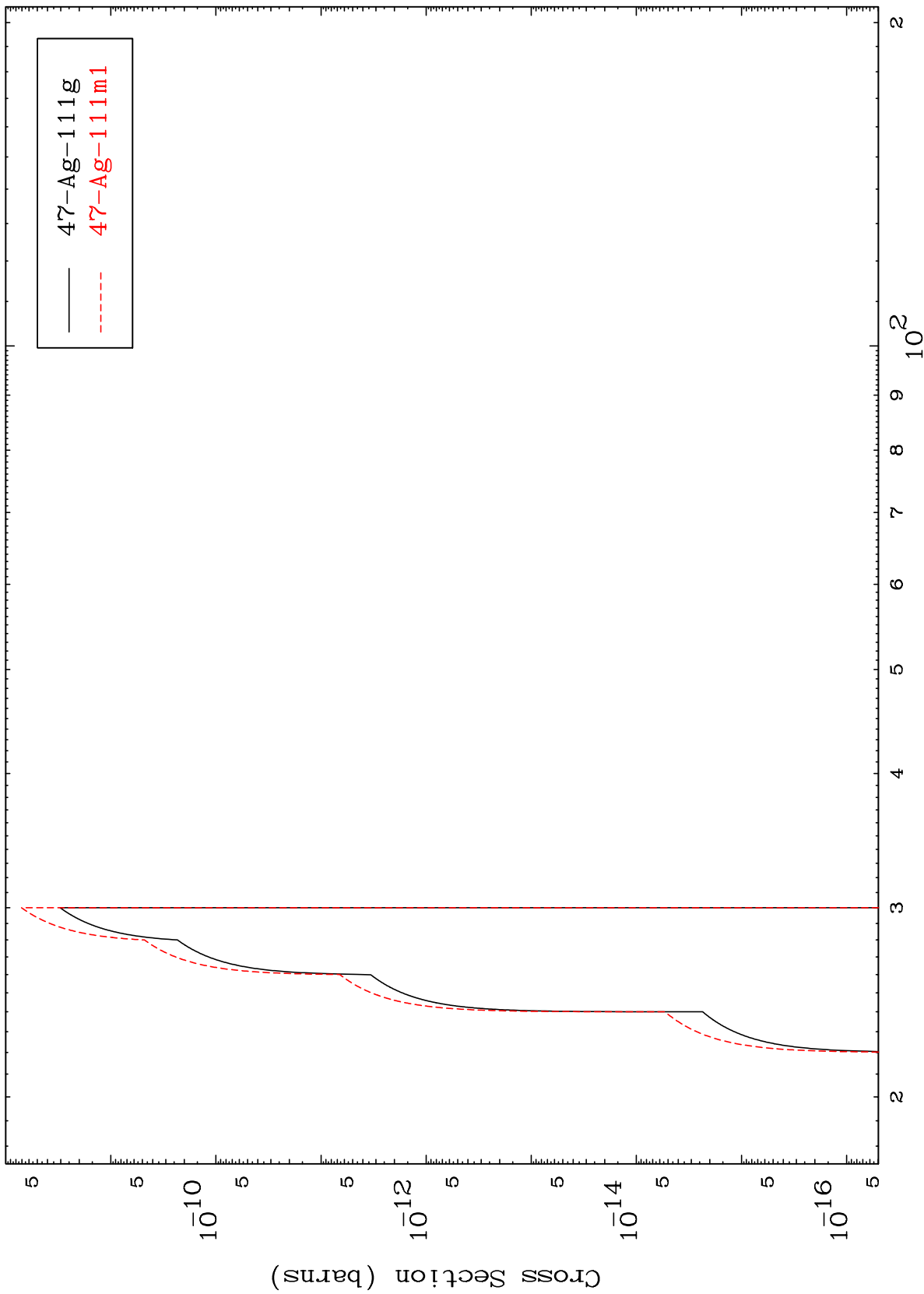
47-Ag-110

MAT 4734

(n,p) d

47-Ag-110

Radionuclide Production Cross Section



28

Incident Energy (MeV)

47-Ag-110