

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

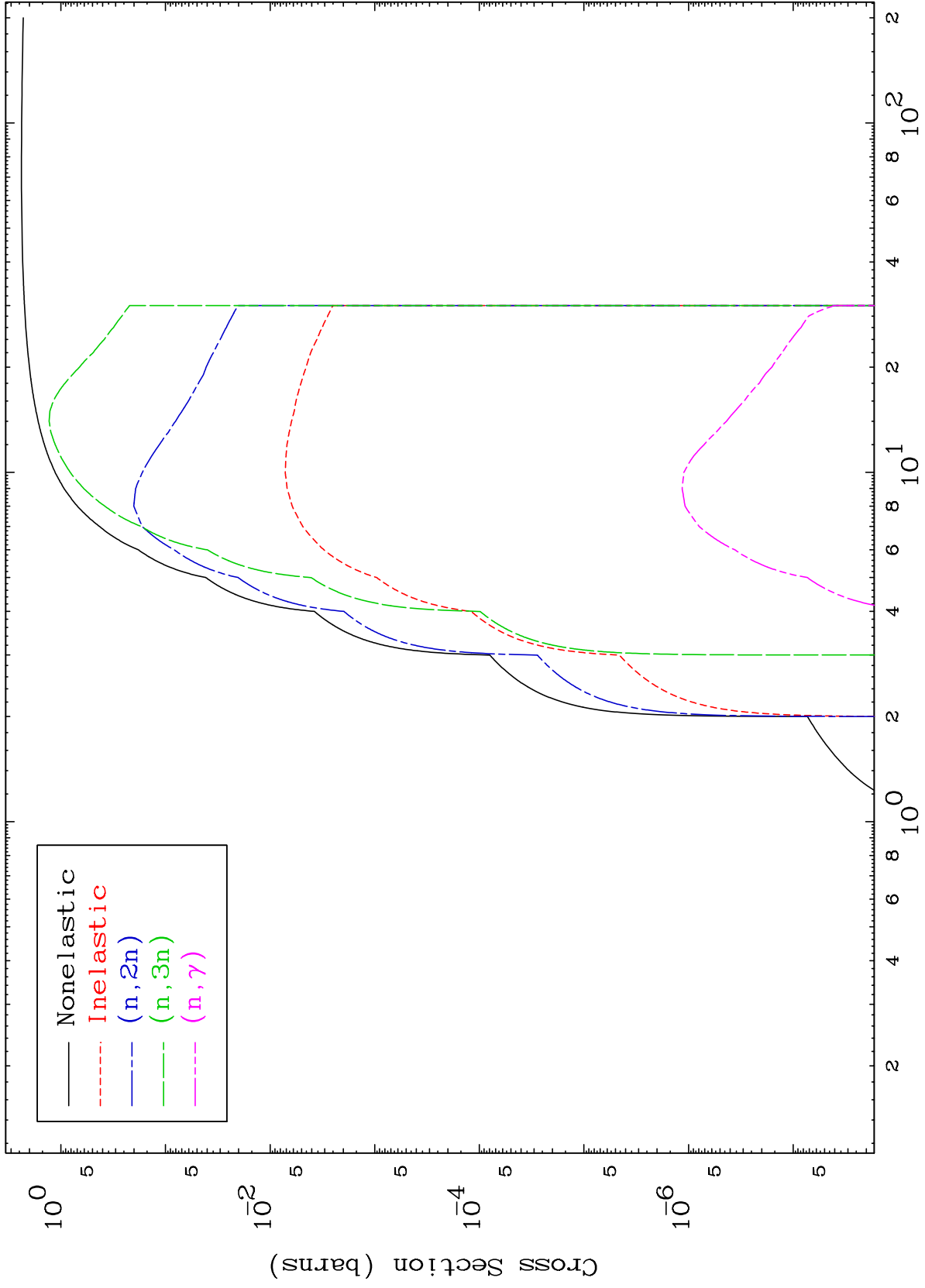
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Web: redcullen1.net/HOMEPAGE.NEW

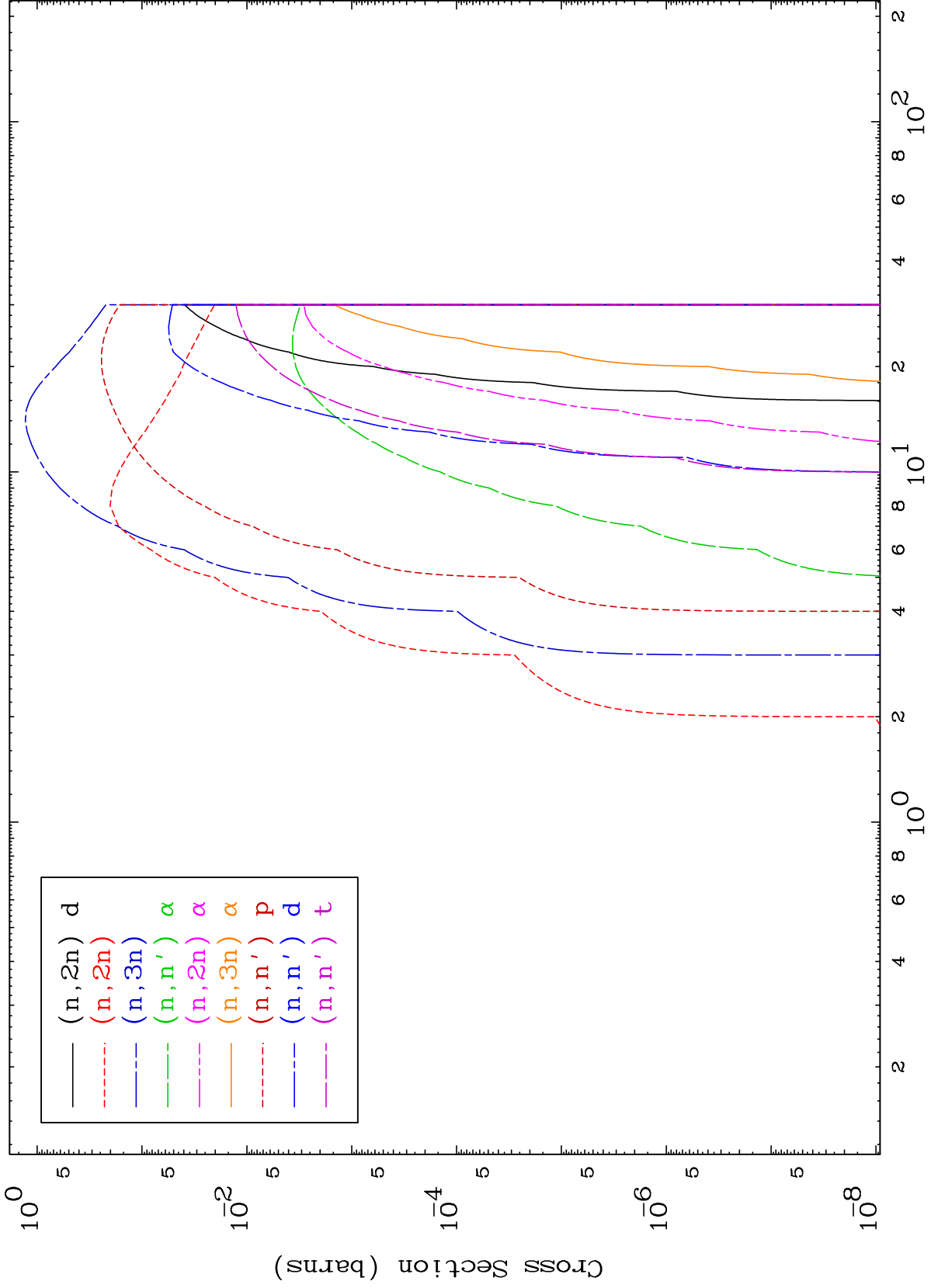
Press Mouse Button to Start

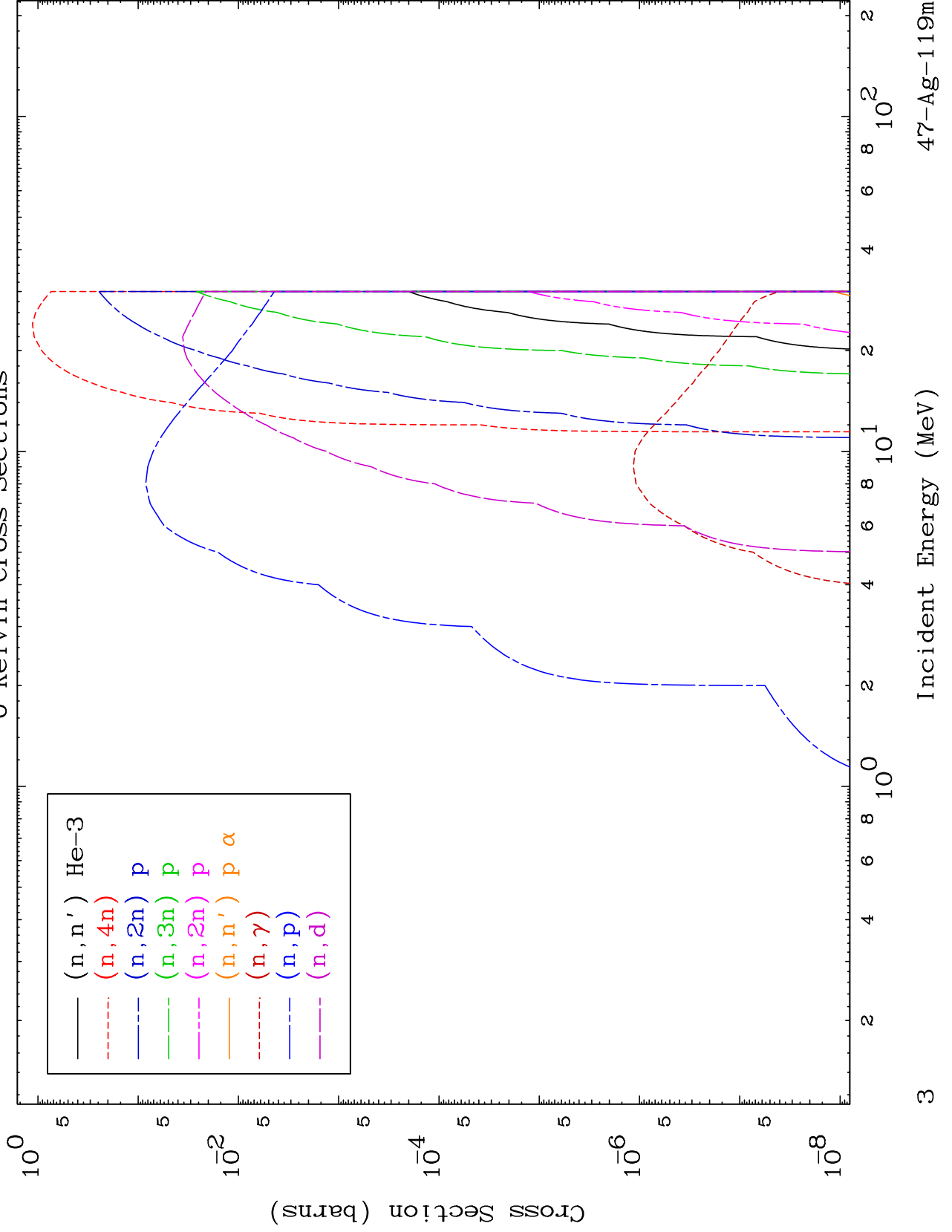


MAT 4762

Deuteron Neutron Absorption
0 Kelvin Cross Sections

47-Ag-119m

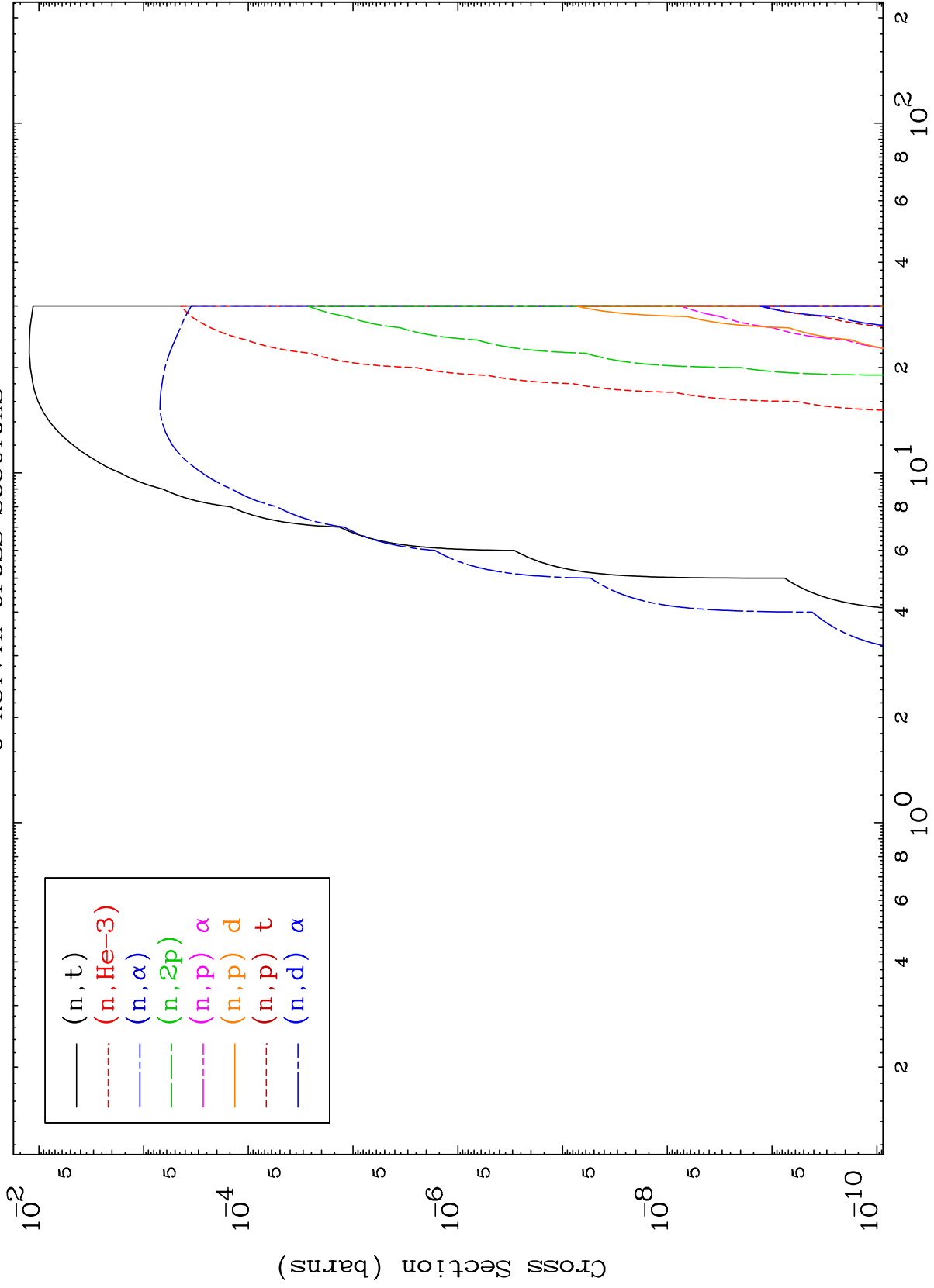




MAT 4762

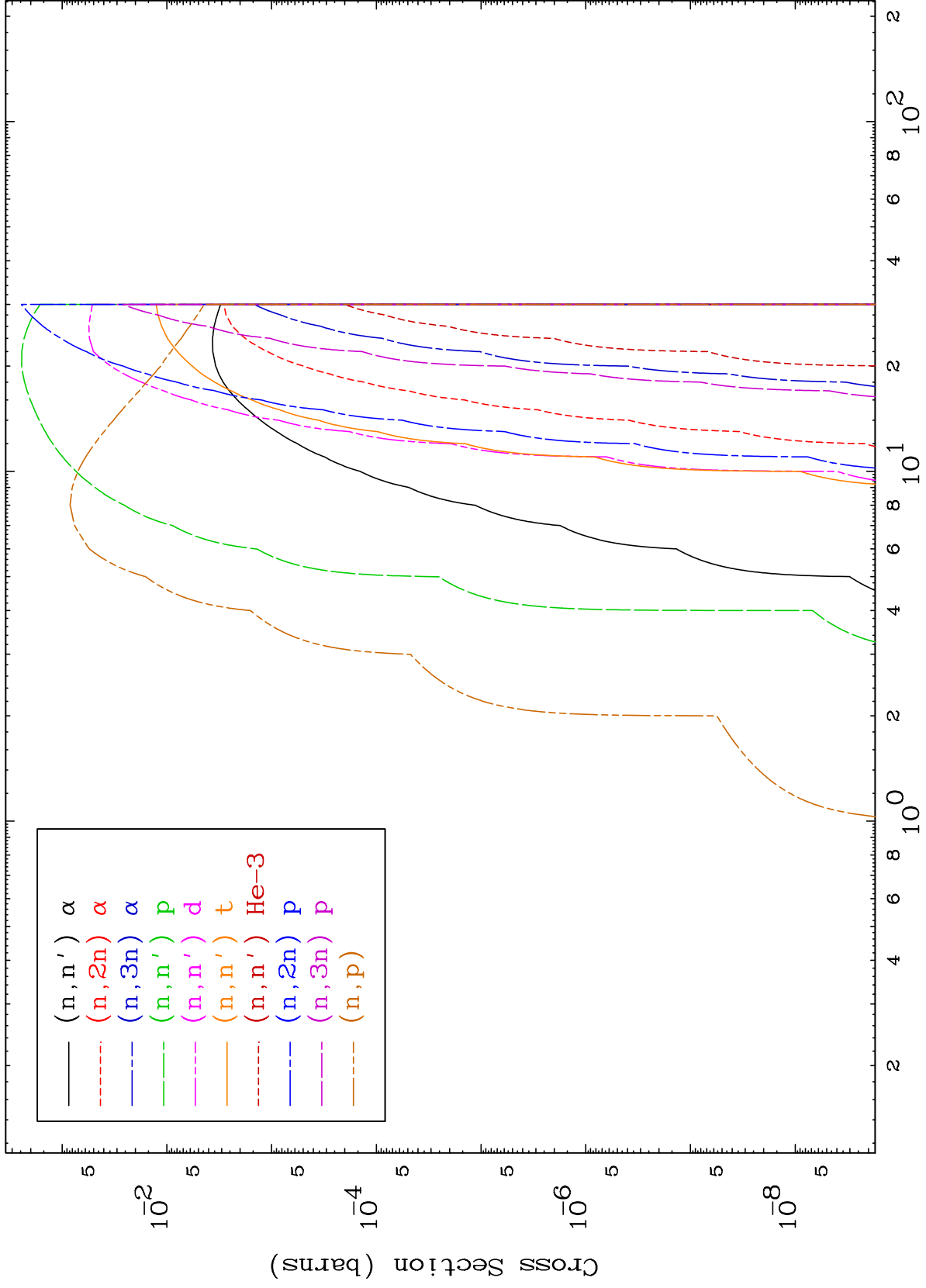
Deuteron Neutron Absorption
0 Kelvin Cross Sections

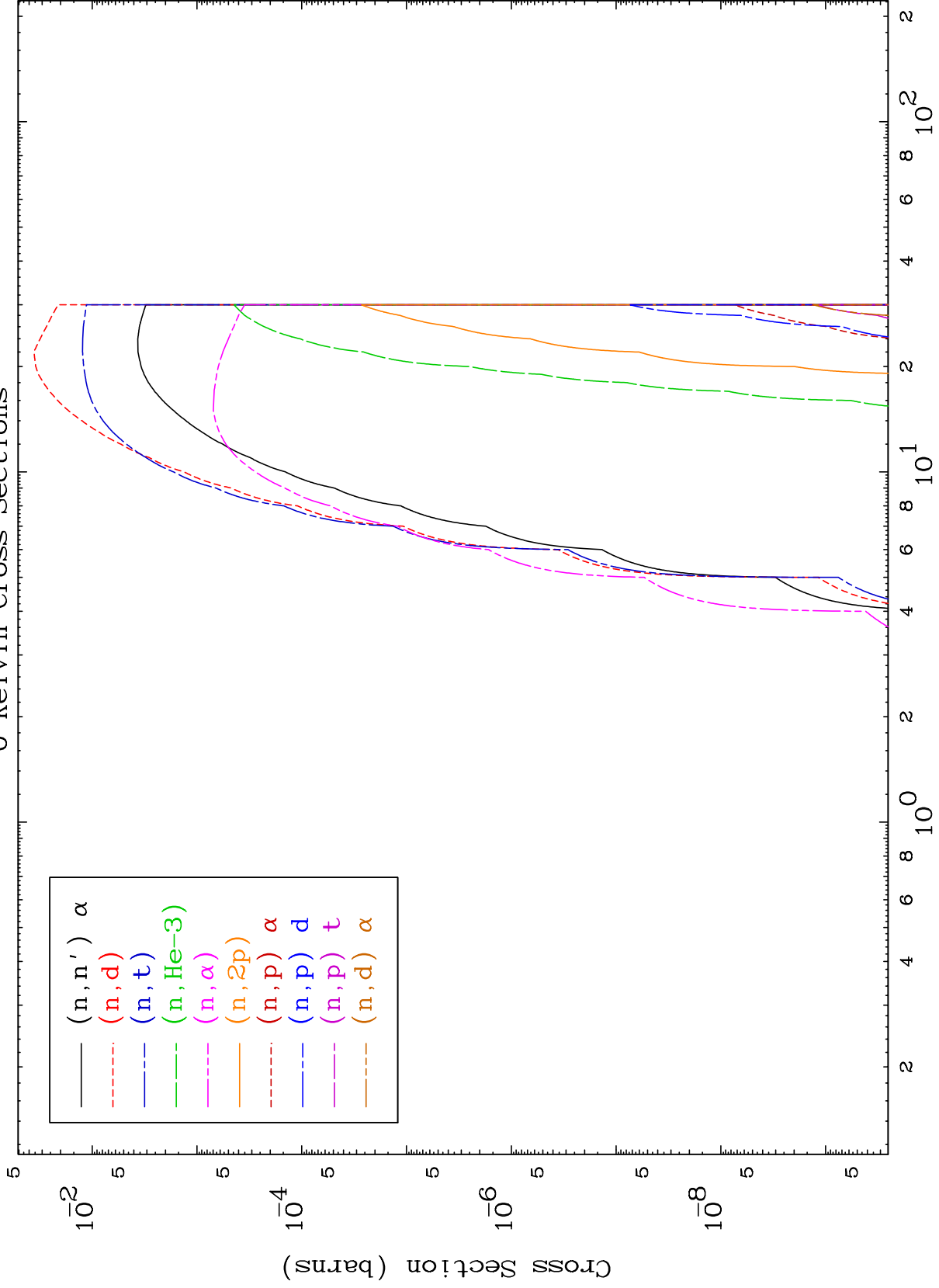
47-Ag-119m



47-Ag-119m

Incident Energy (MeV)



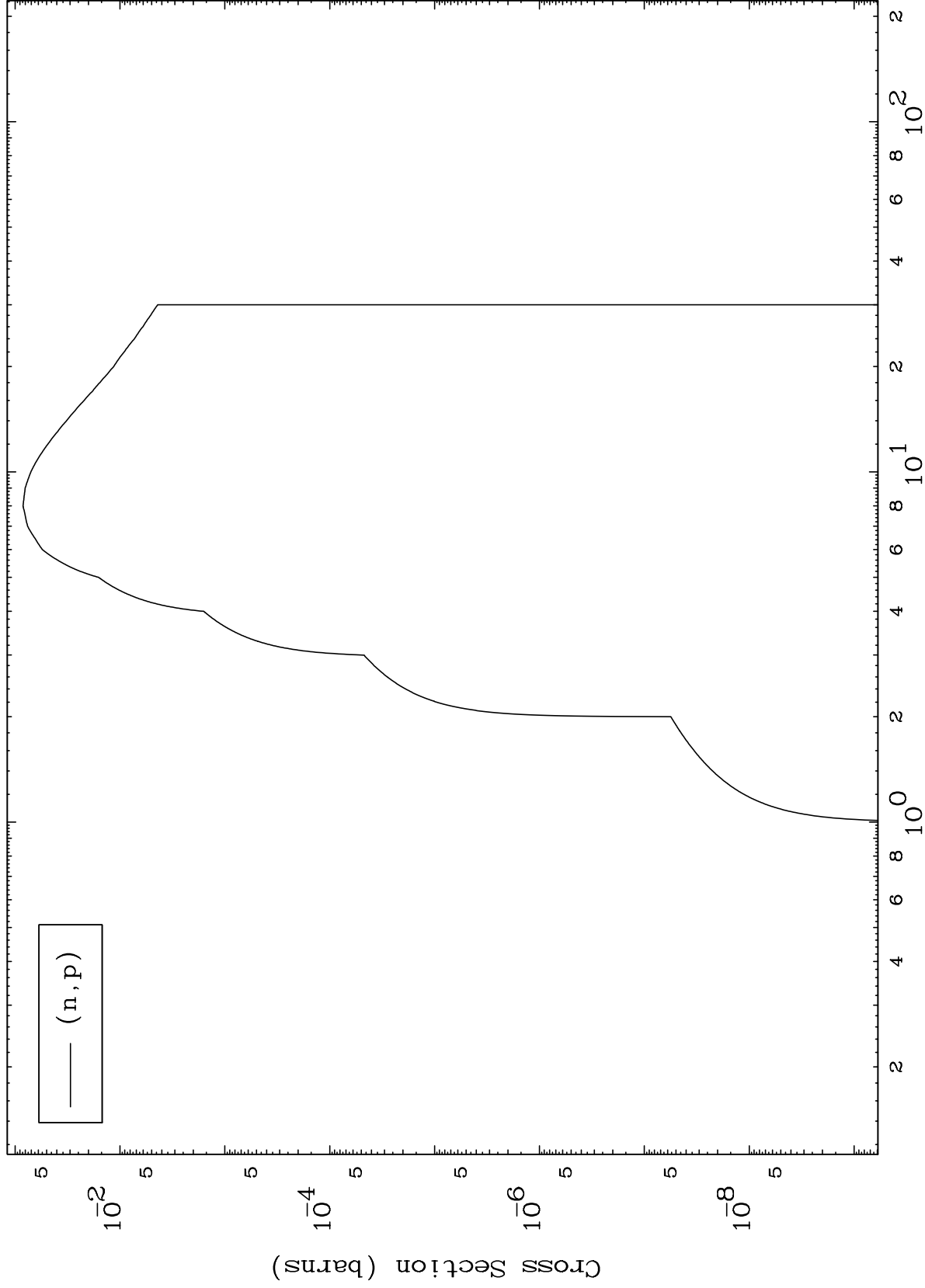


MAT 4762

(d,p) Levels

47-Ag-119m

0 Kelvin Cross Sections

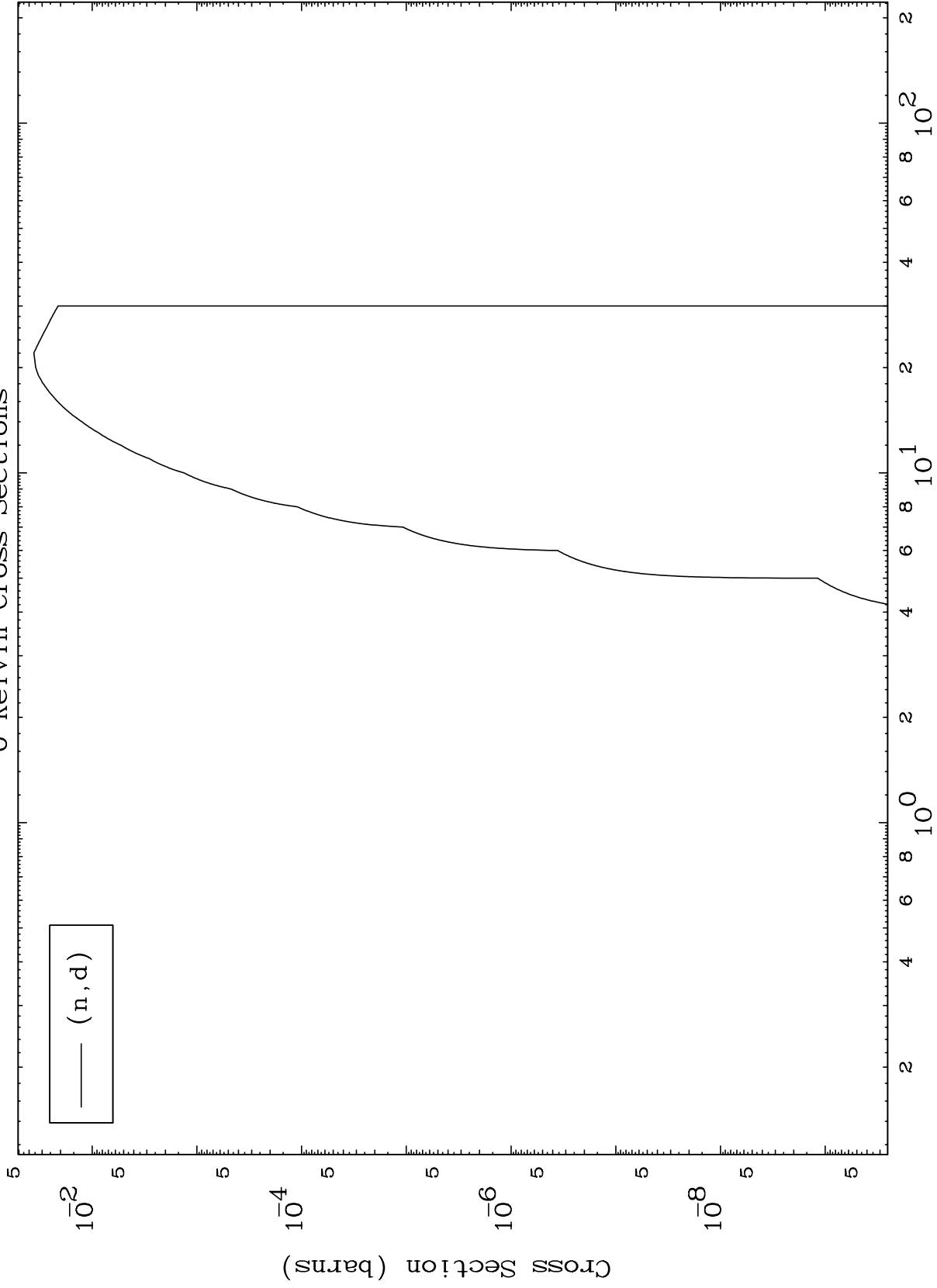


MAT 4762

(d,d) Levels

47-Ag-119m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

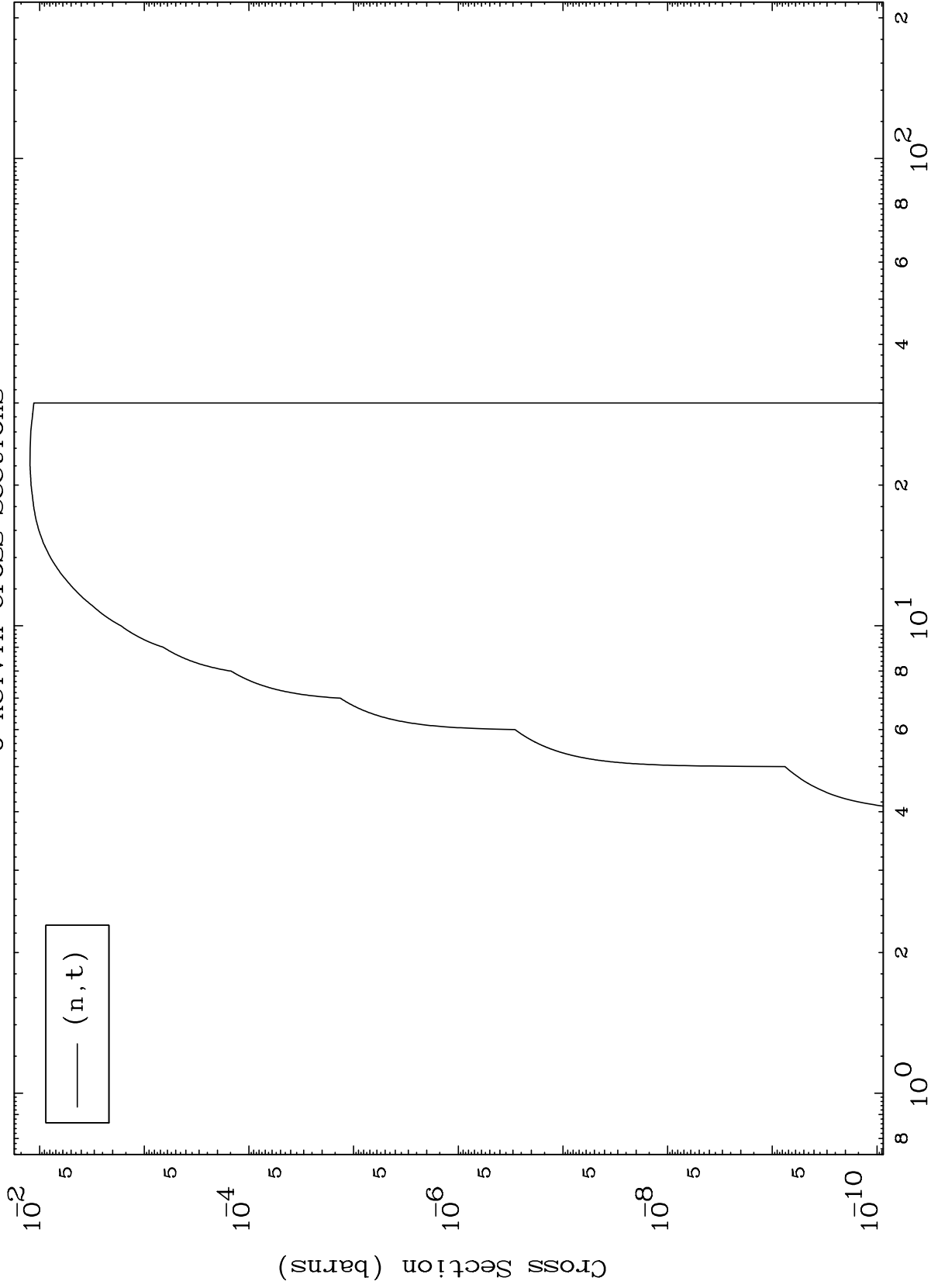
47-Ag-119m

MAT 4762

(d, t) Levels

47-Ag-119m

0 Kelvin Cross Sections



9

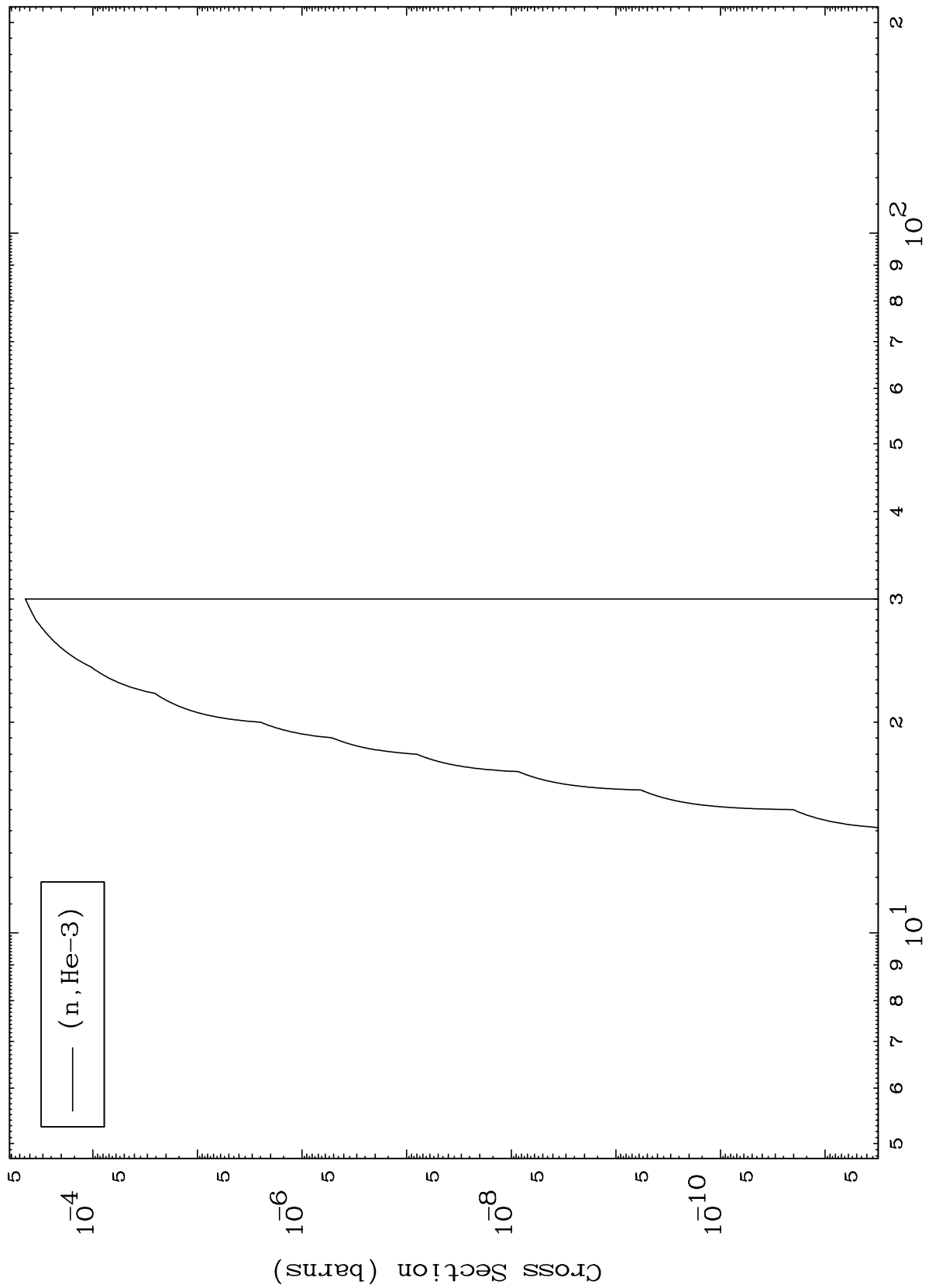
Incident Energy (MeV)

47-Ag-119m

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47-Ag-119m

(d,He3) Levels
0 Kelvin Cross Sections



47-Ag-119m

Incident Energy (MeV)

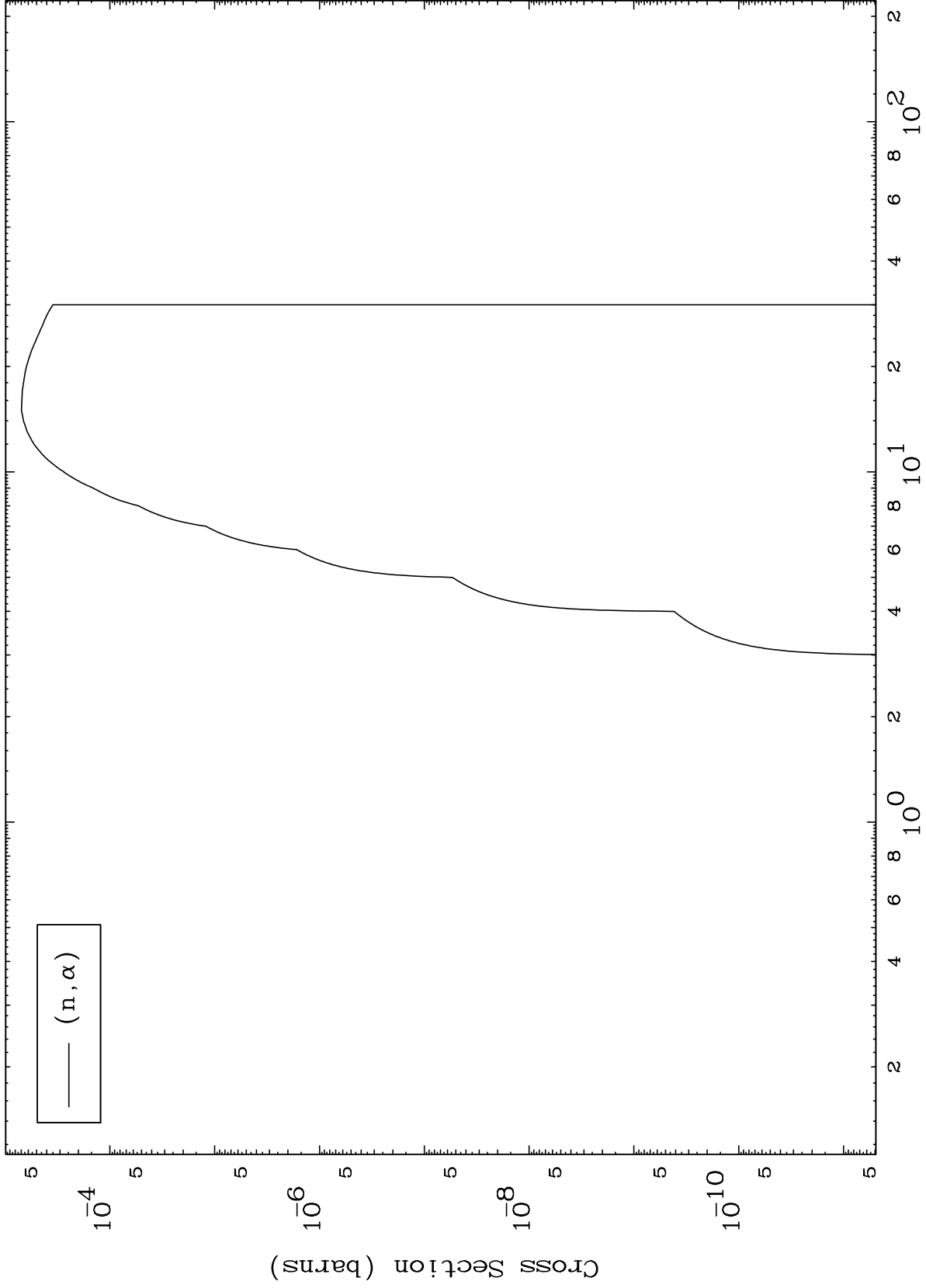
10

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(d, α) Levels

47-Ag-119m

0 Kelvin Cross Sections



11

Incident Energy (MeV)

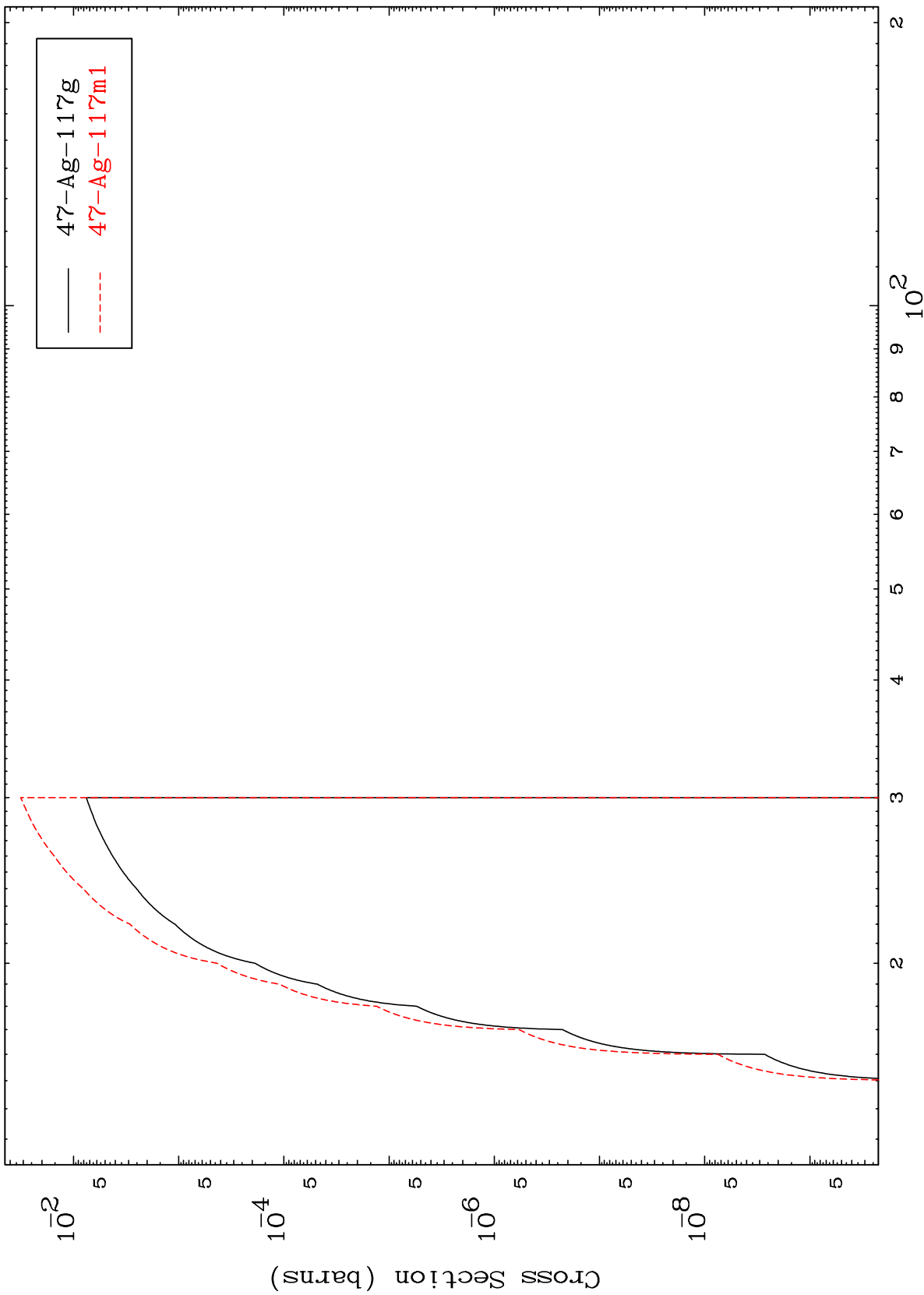
47-Ag-119m

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(n,2n) d

47-Ag-119m

Radionuclide Production Cross Section



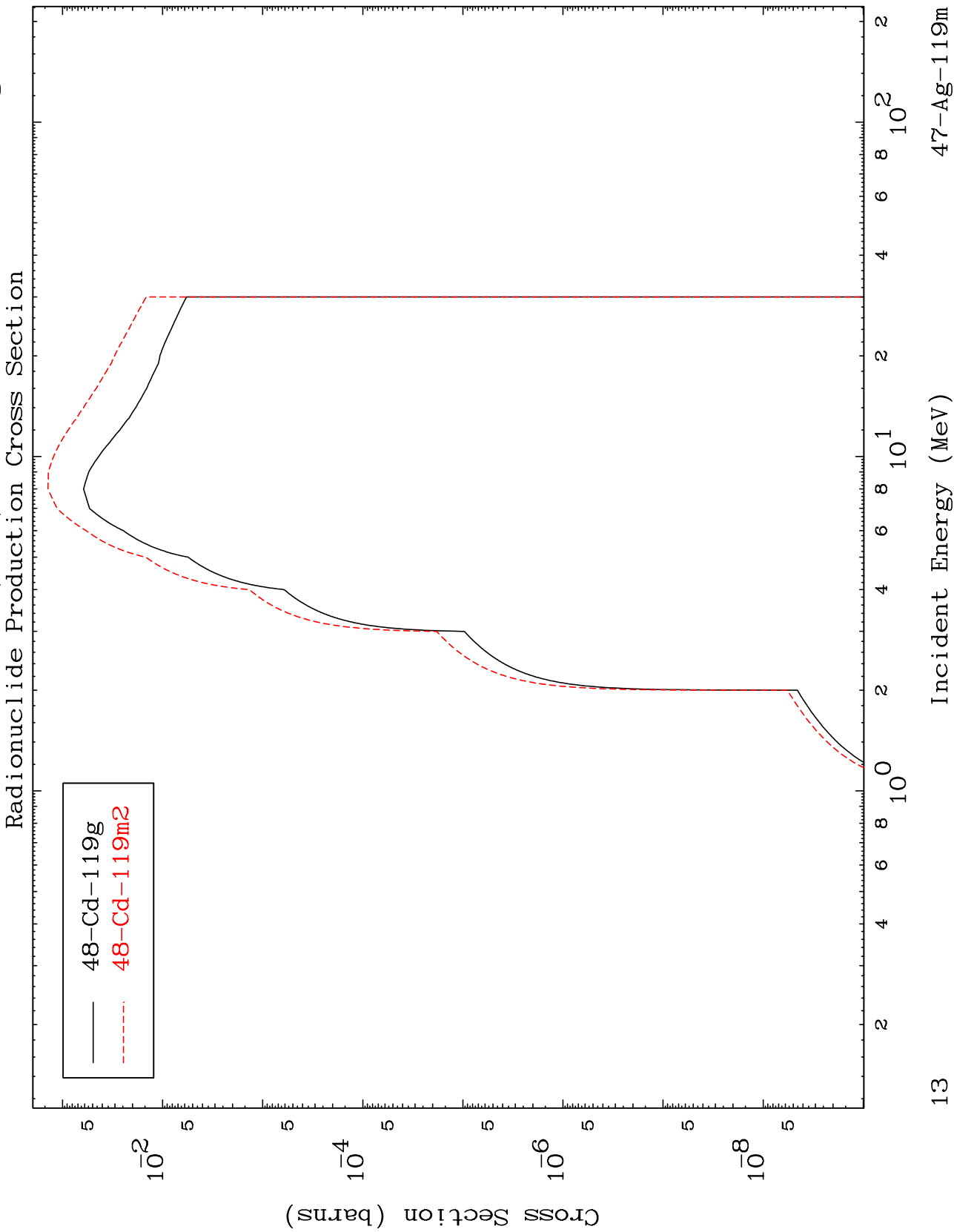
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Incident Energy (MeV)

47-Ag-119m

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47-Ag-119m

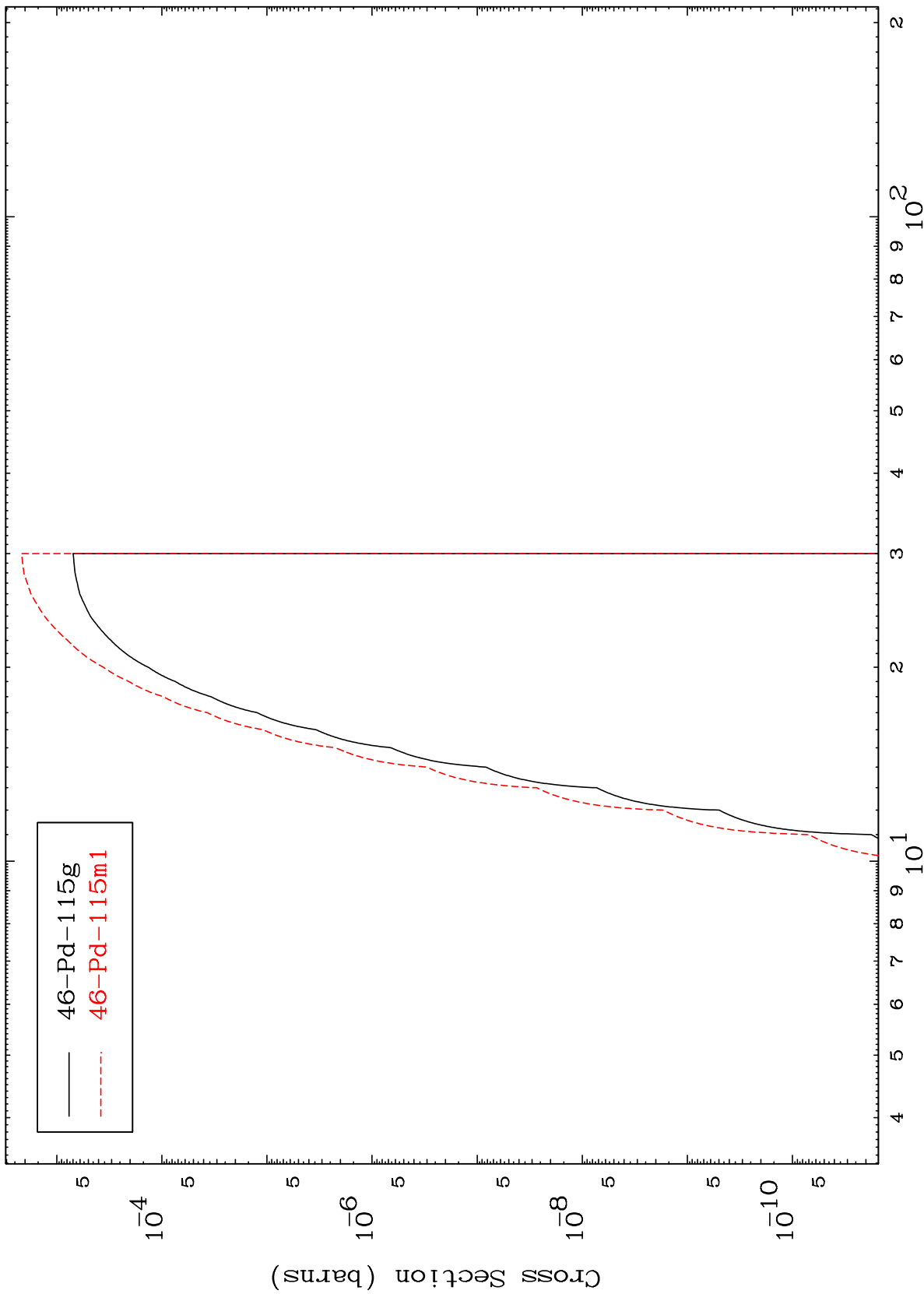


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(n,2n) α

47-Ag-119m

Radionuclide Production Cross Section



14

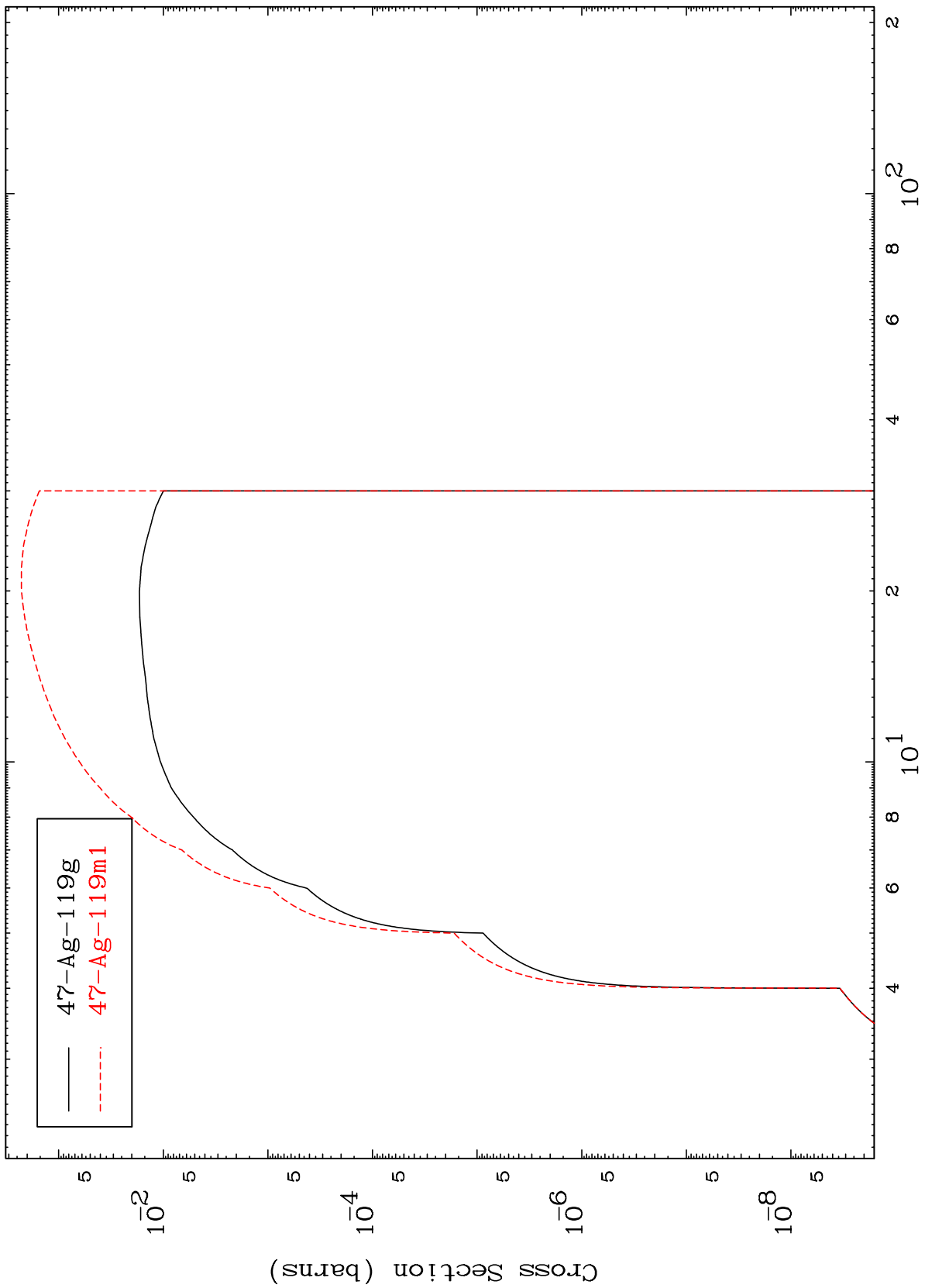
Incident Energy (MeV)

47-Ag-119m

MAT 4762

47-Ag-119m

Radionuclide Production Cross Section



15

47-Ag-119m

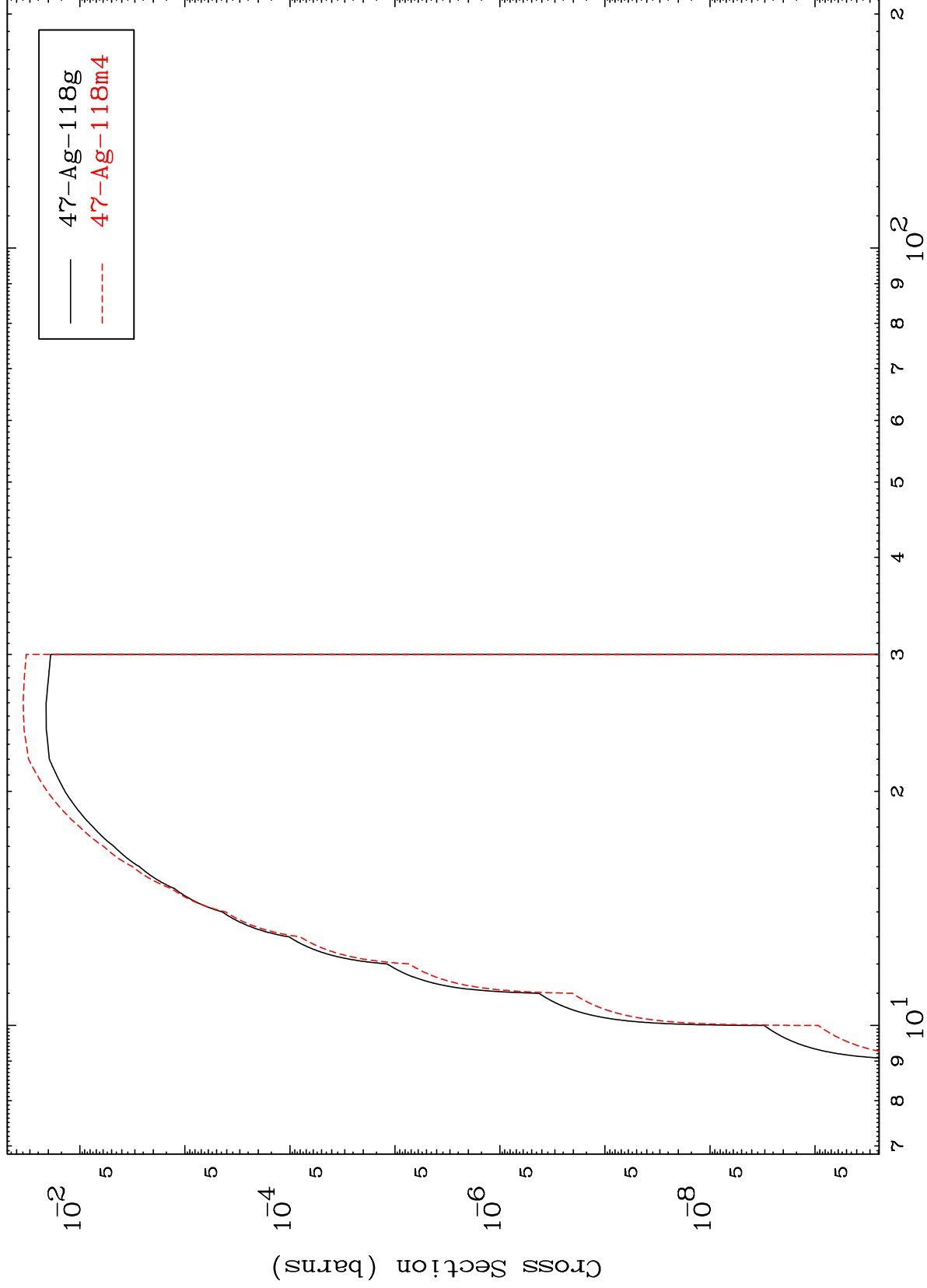
Incident Energy (MeV)

MAT 4762

(n,n') d

47-Ag-119m

Radionuclide Production Cross Section



16

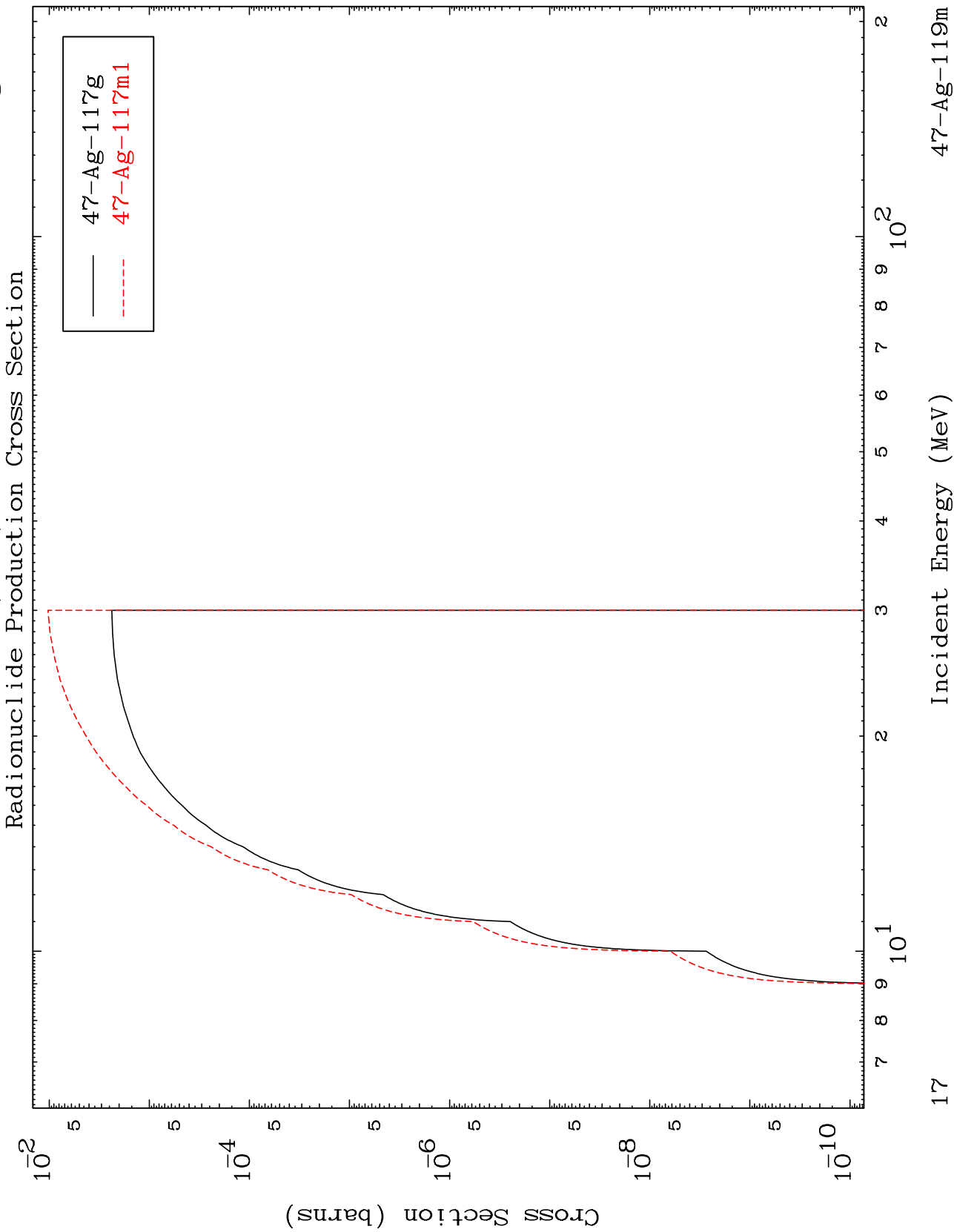
Incident Energy (MeV)

47-Ag-119m

MAT 4762

(n,n') t

47-Ag-119m



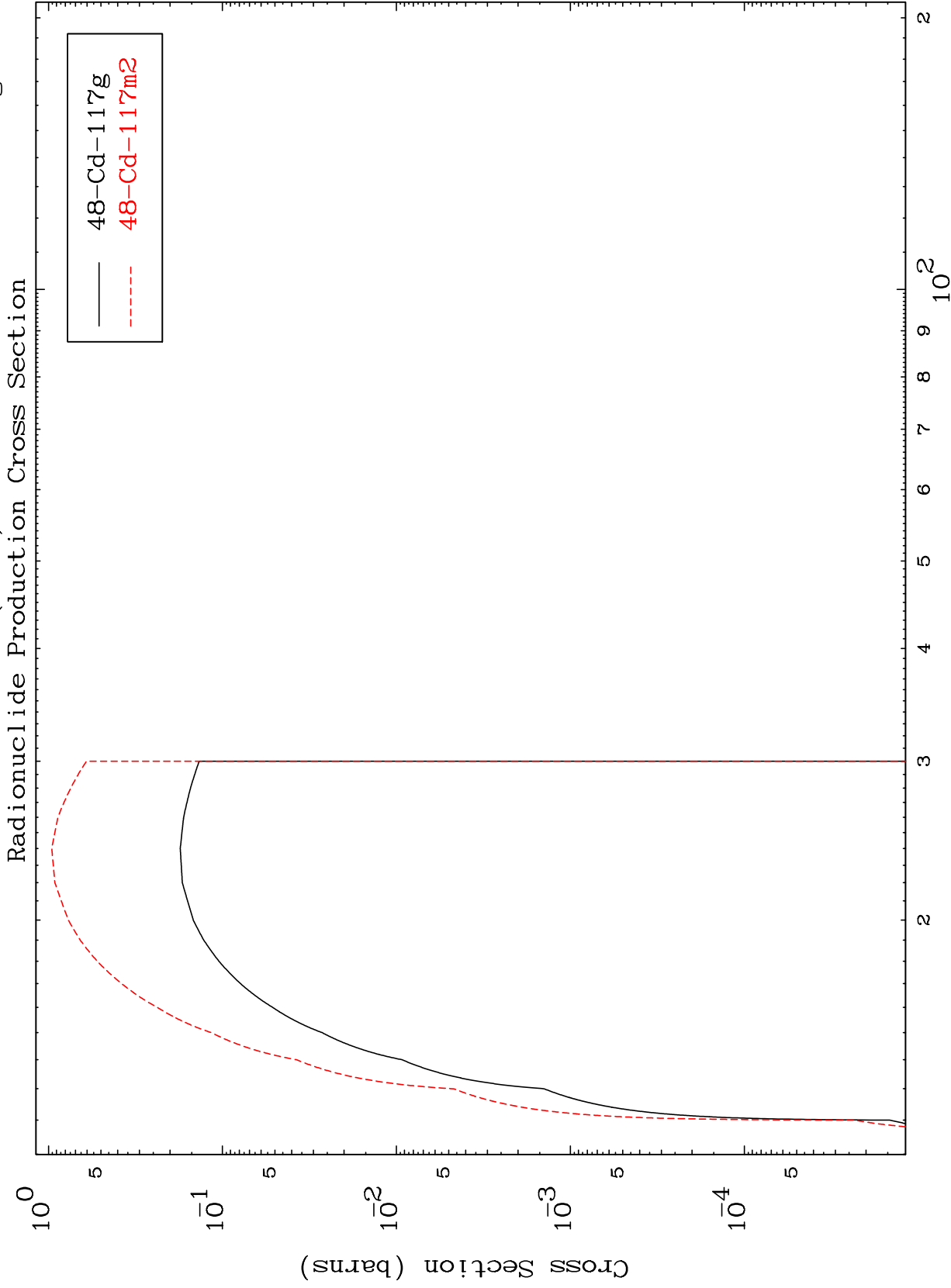
17

47-Ag-119m

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(n,4n)

47-Ag-119m



18

Incident Energy (MeV)

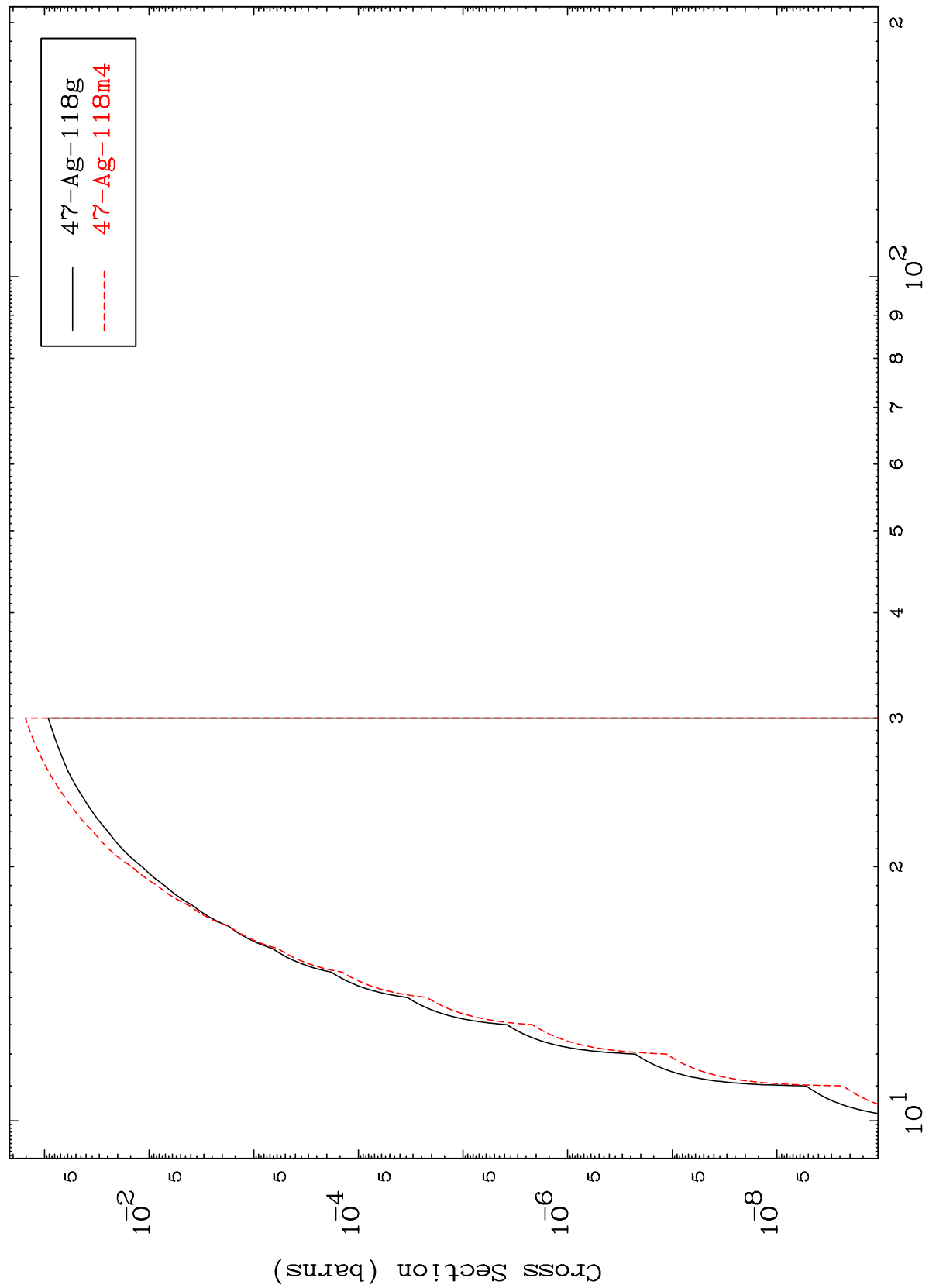
47-Ag-119m

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(n,2n) p

47-Ag-119m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

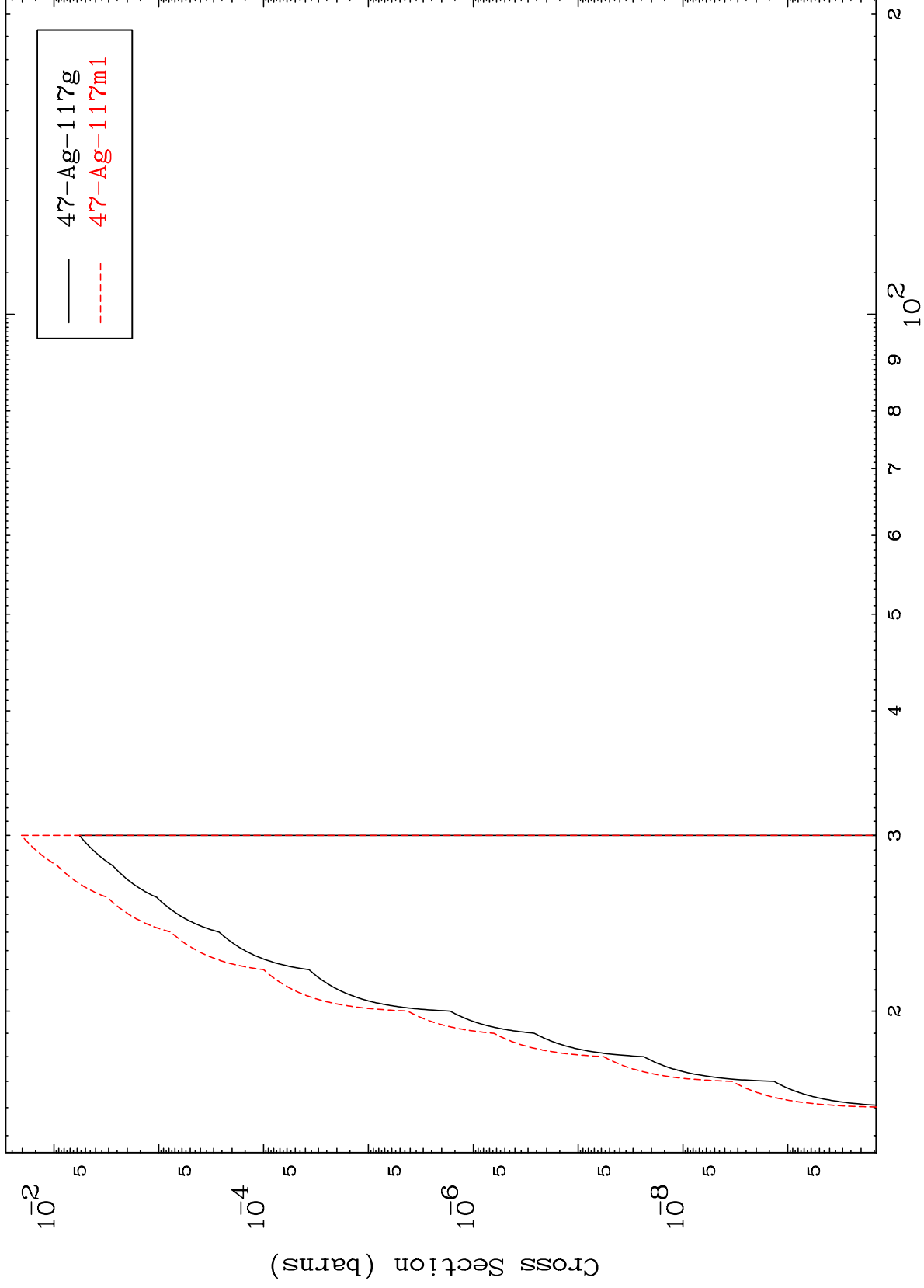
47-Ag-119m

MAT 4762

(n,3n) p

47-Ag-119m

Radionuclide Production Cross Section



20

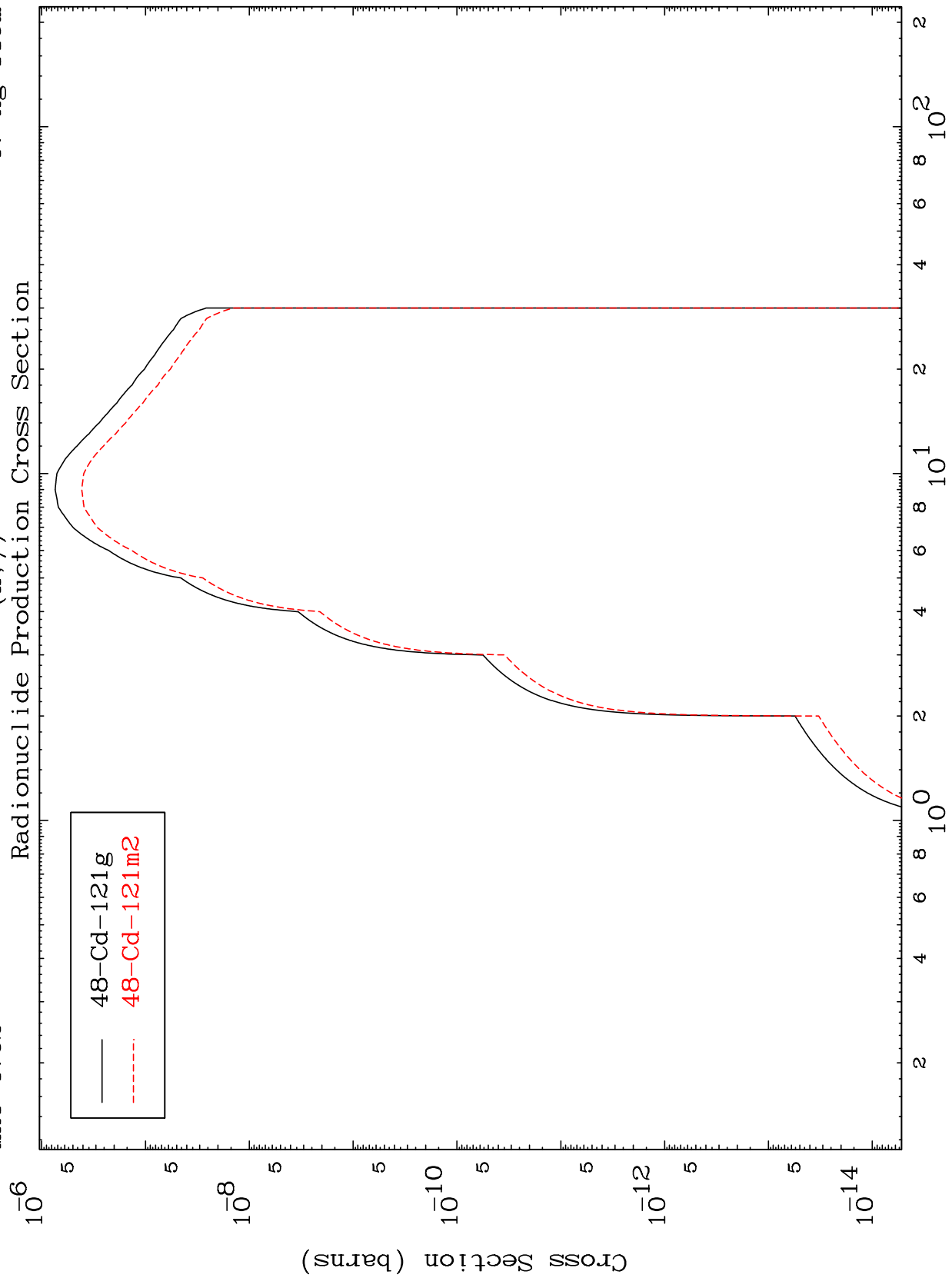
Incident Energy (MeV)

47-Ag-119m

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47-Ag-119m

Radionuclide Production Cross Section
(n, γ)



— 48-Cd-121g
- - - 48-Cd-121m2

47-Ag-119m

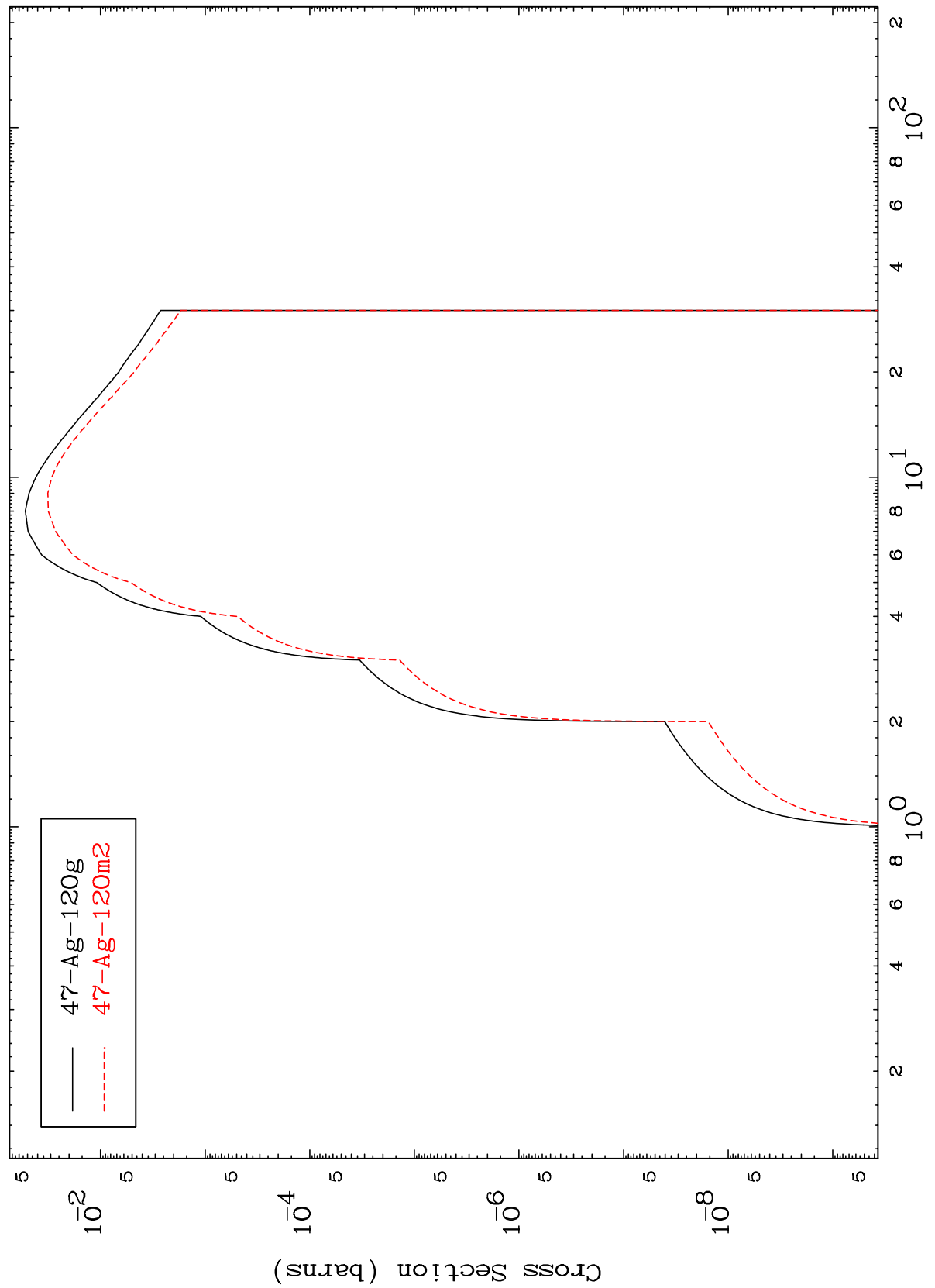
Incident Energy (MeV)

21

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47-Ag-119m

(n,p)
Radionuclide Production Cross Section



47-Ag-119m

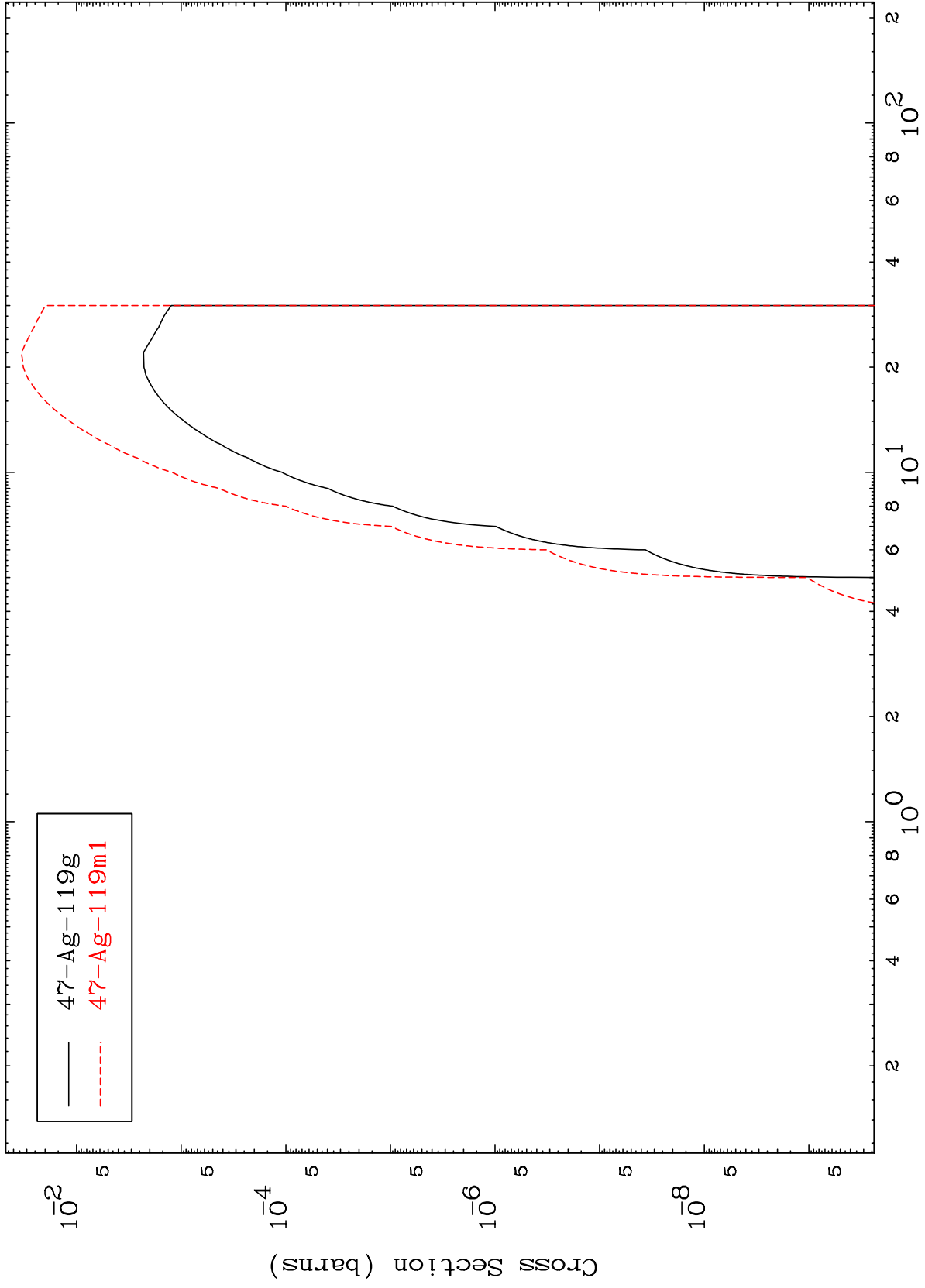
Incident Energy (MeV)

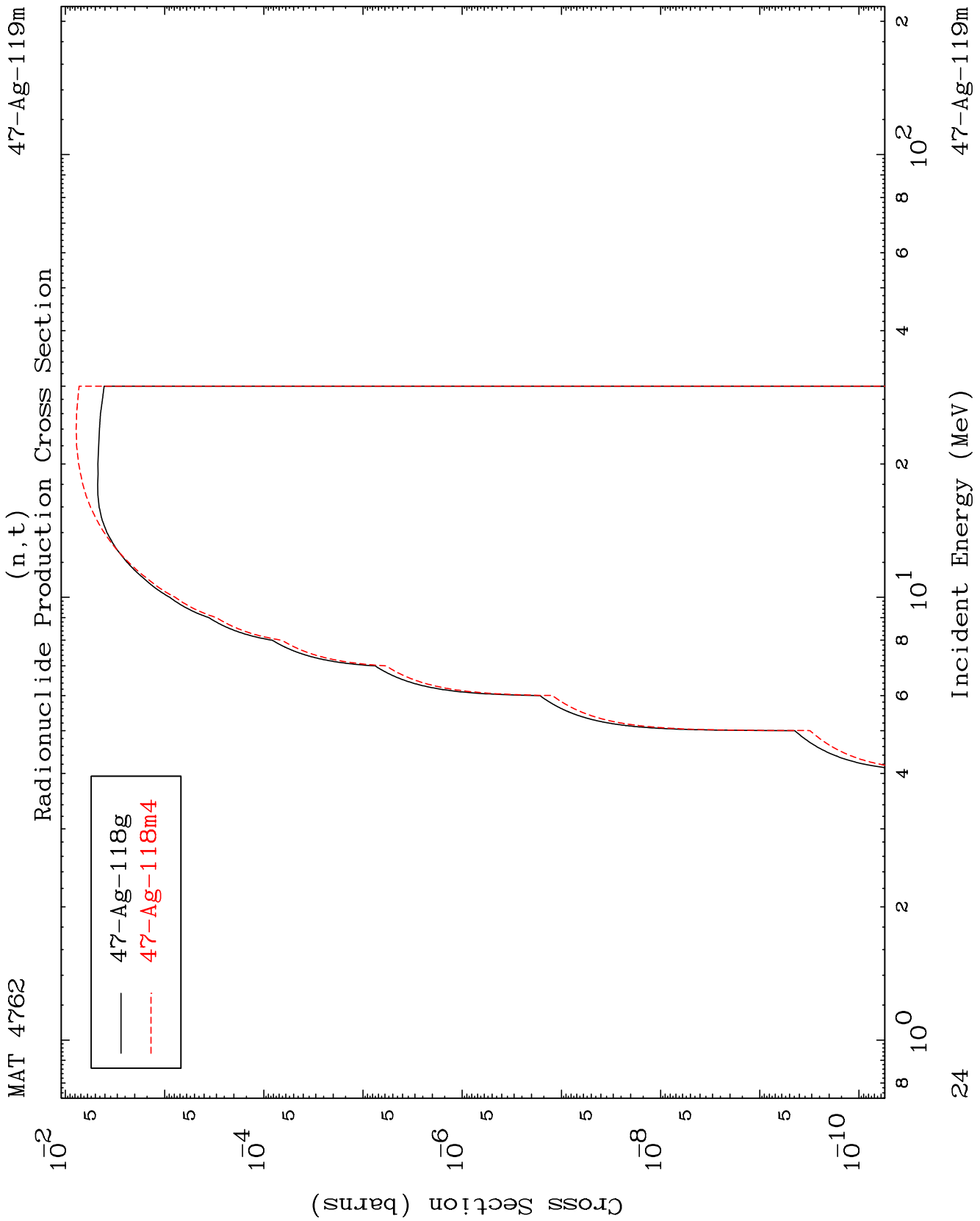
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(n, d)

47-Ag-119m

Radionuclide Production Cross Section



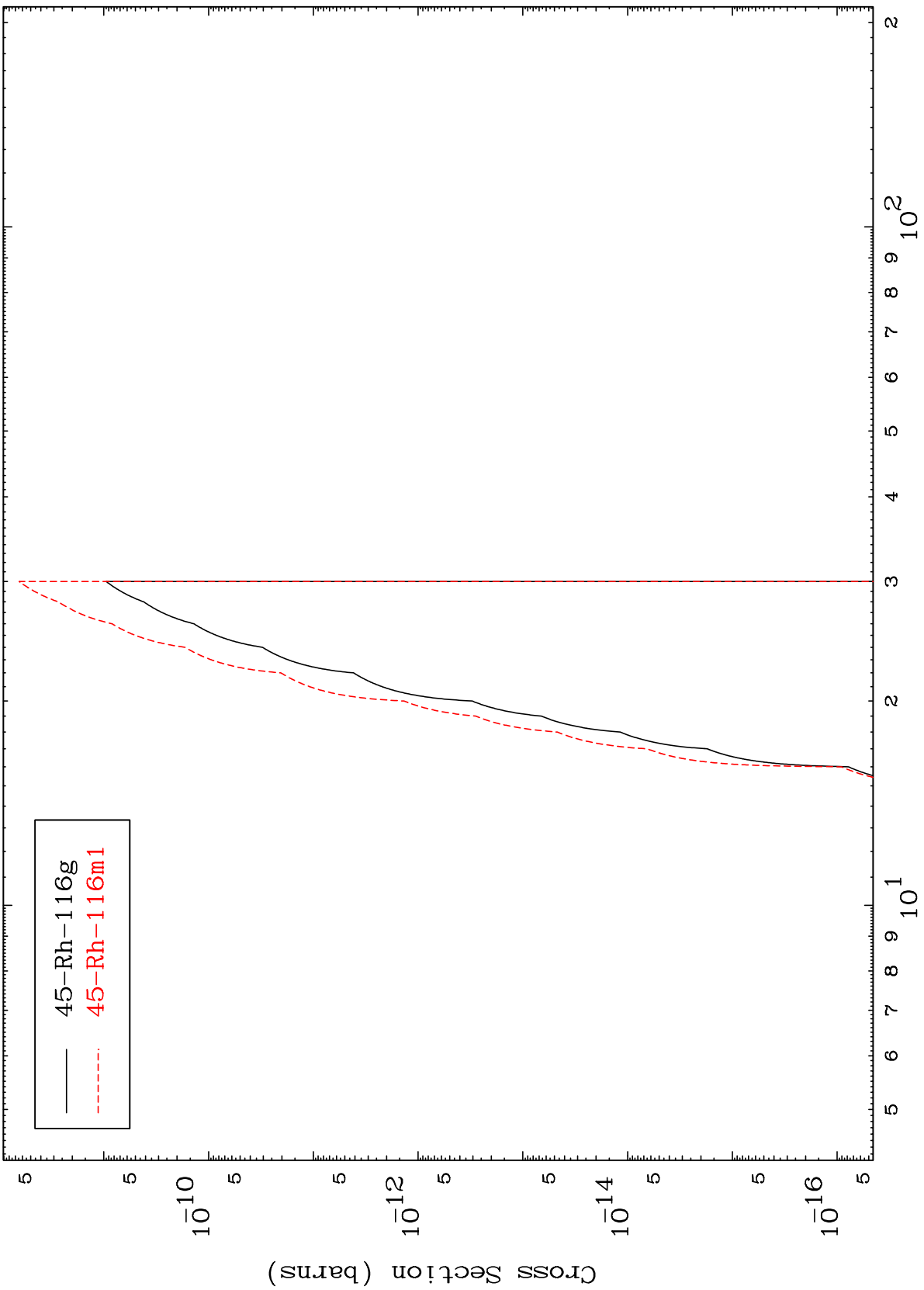


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(n,p) α

47-Ag-119m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

47-Ag-119m