

Program EVALPLOT
(Version 2021-1)

by

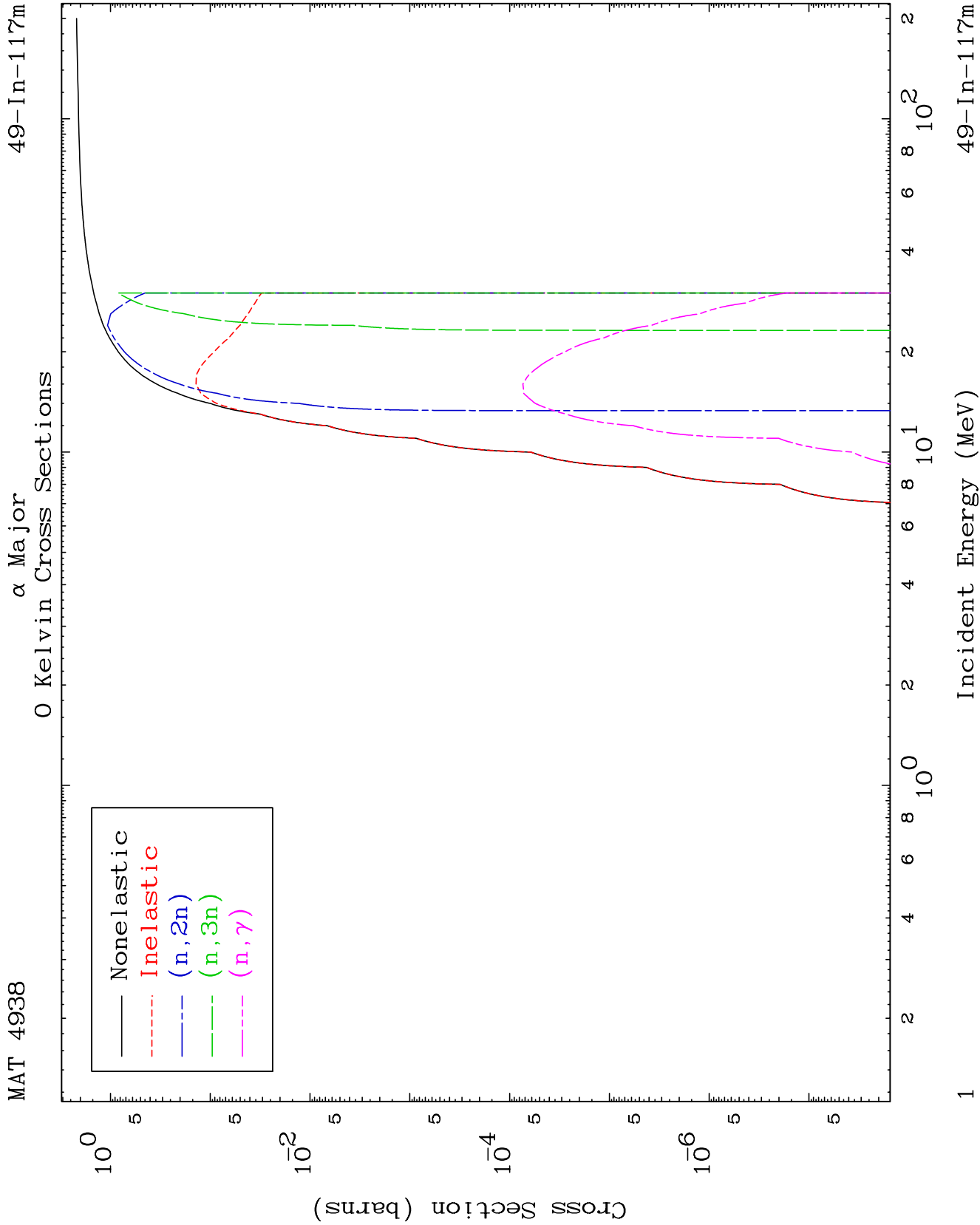
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

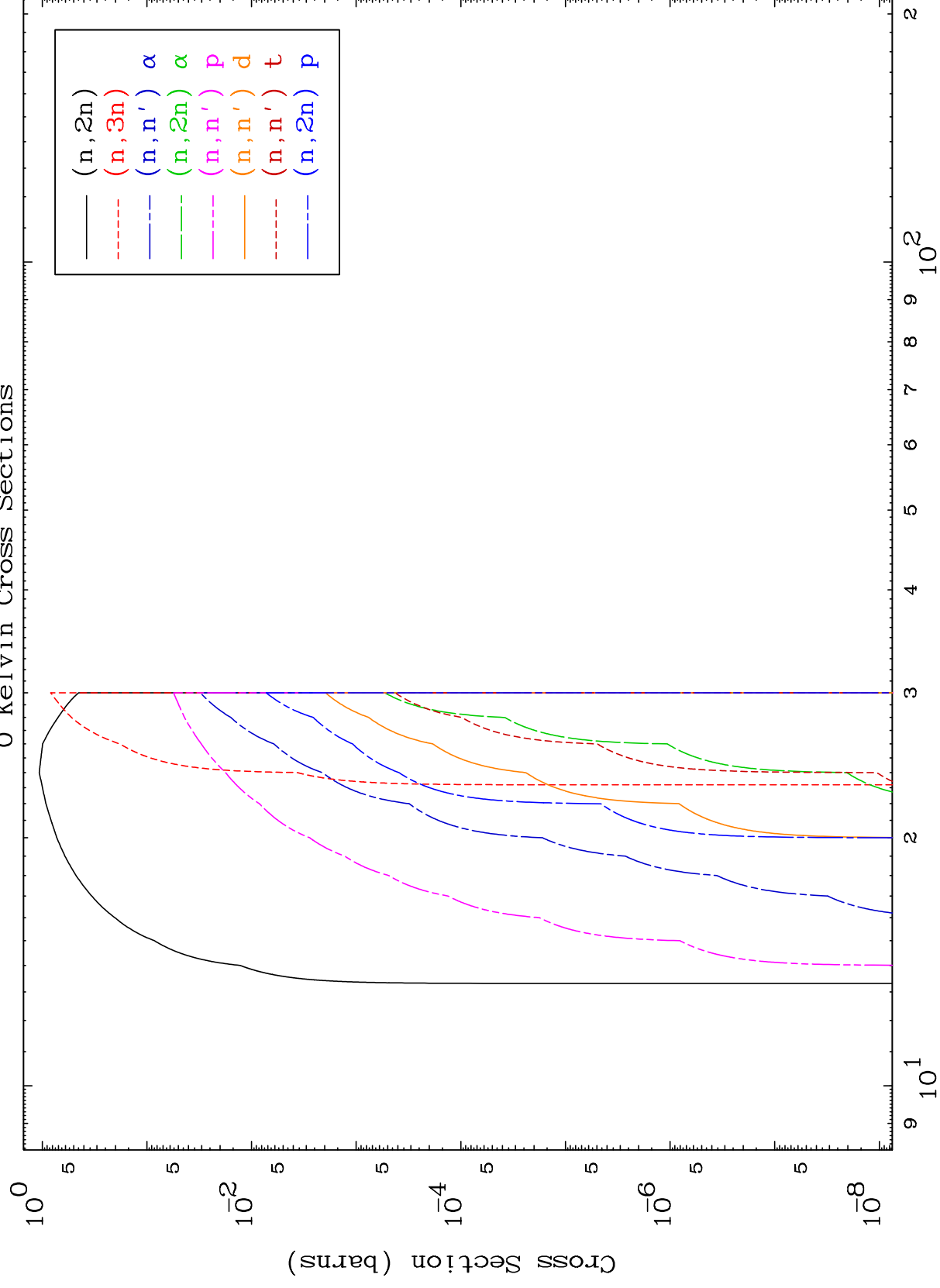
Press Mouse Button to Start



MAT 4938

α Neutron Absorption 0 Kelvin Cross Sections

49-In-117m



2

Incident Energy (MeV)

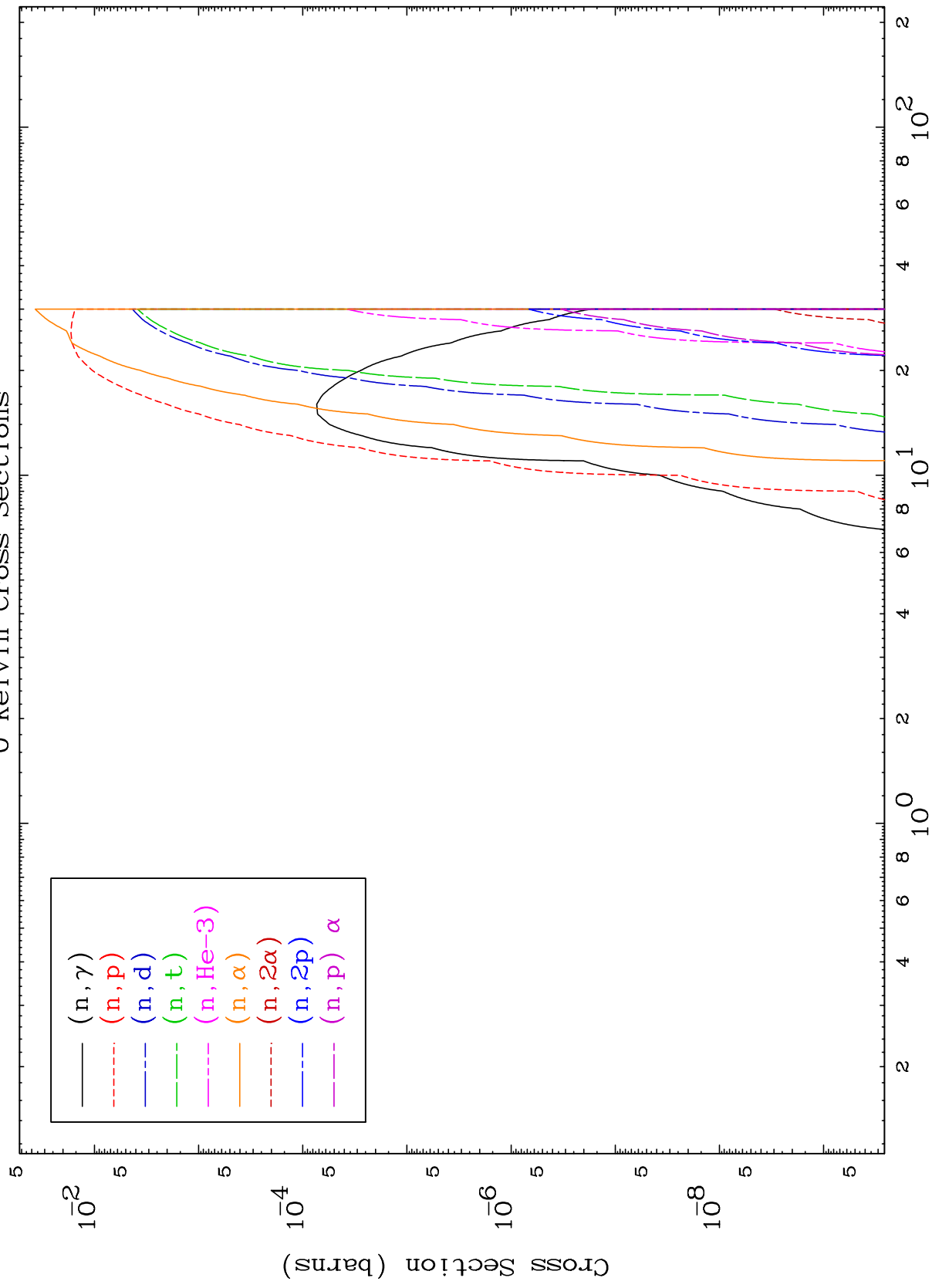
49-In-117m

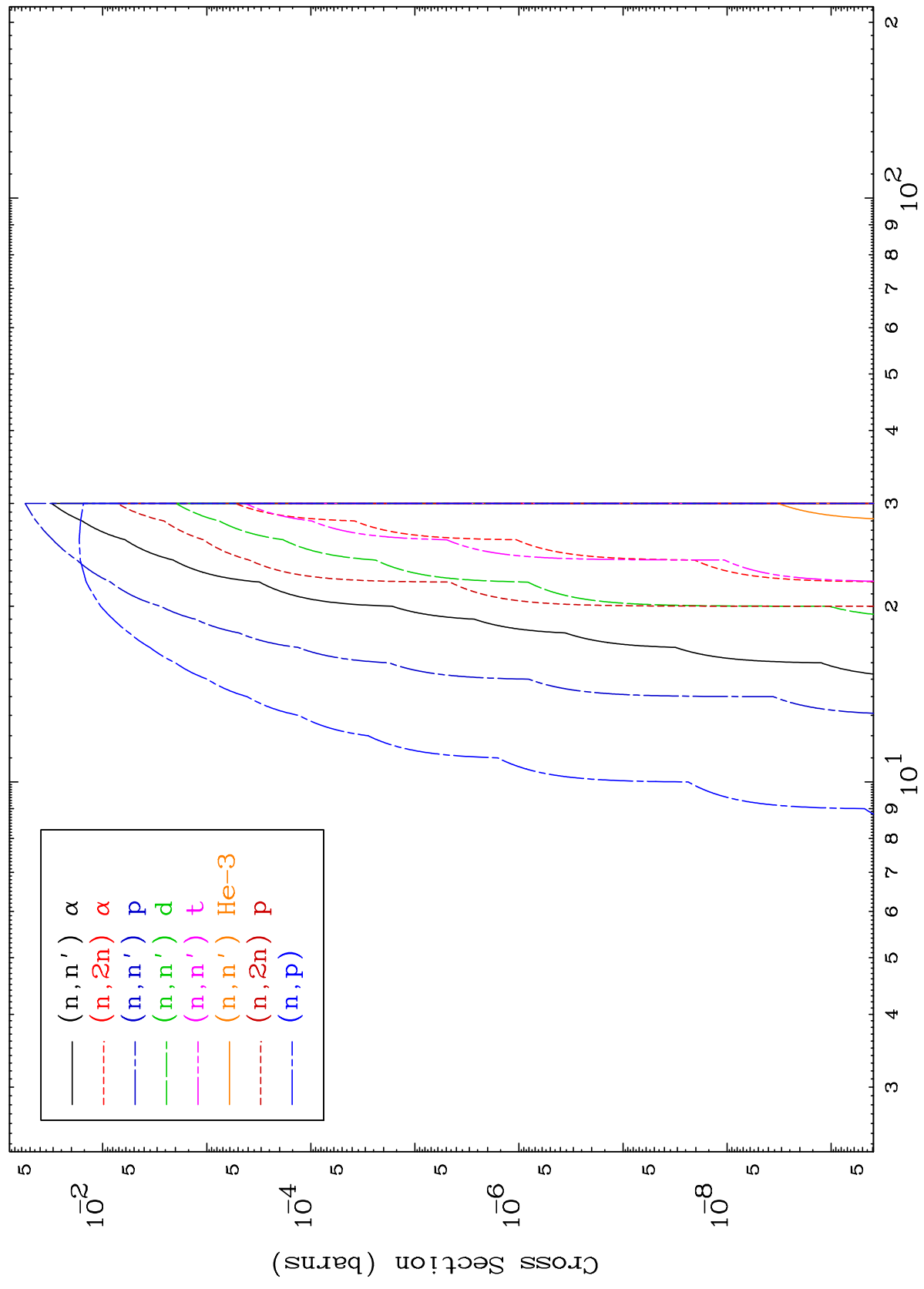
MAT 4938

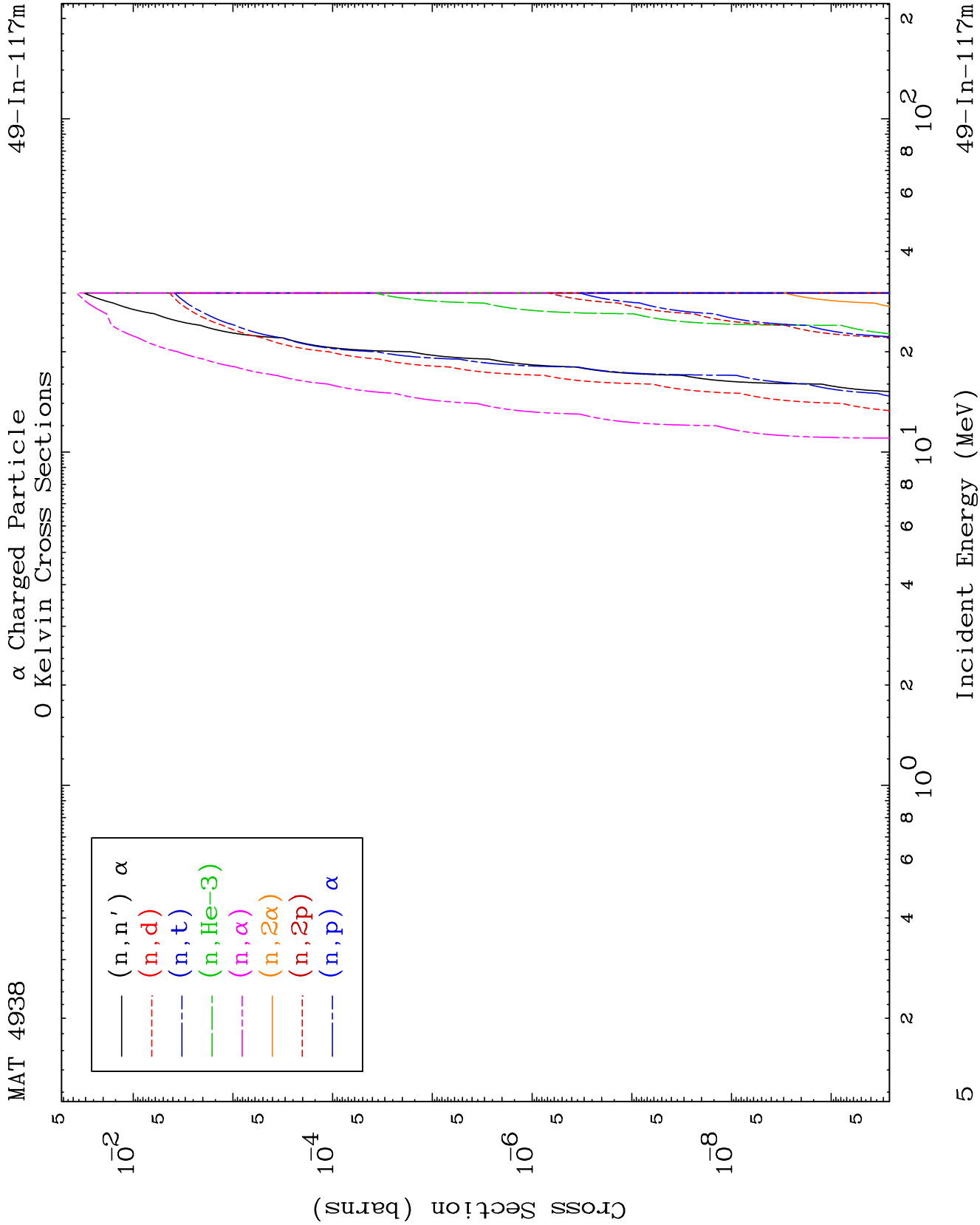
α Neutron Absorption

49-In-117m

0 Kelvin Cross Sections





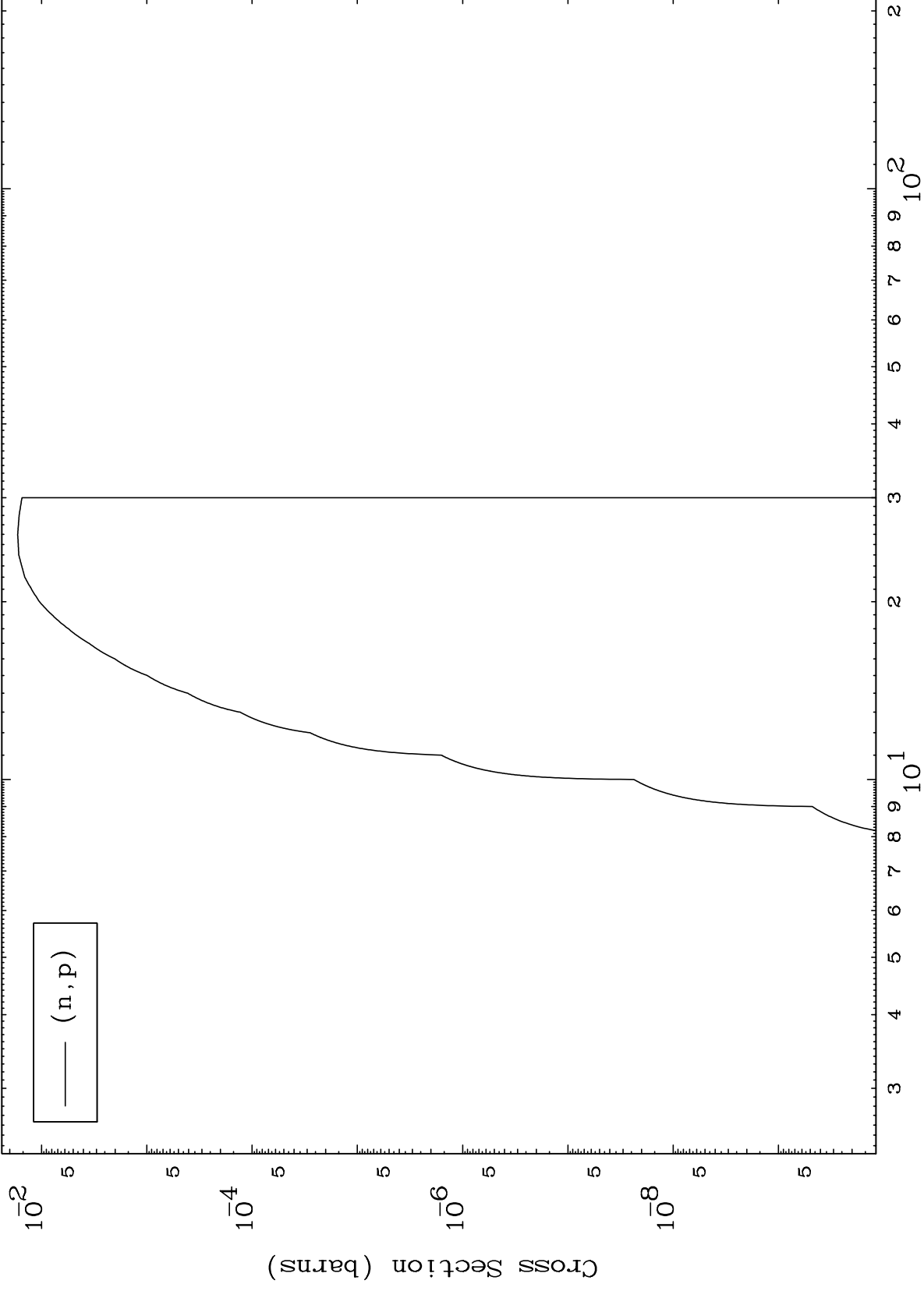


MAT 4938

(α ,p) Levels

49-In-117m

0 Kelvin Cross Sections



— (n,p)

6

Incident Energy (MeV)

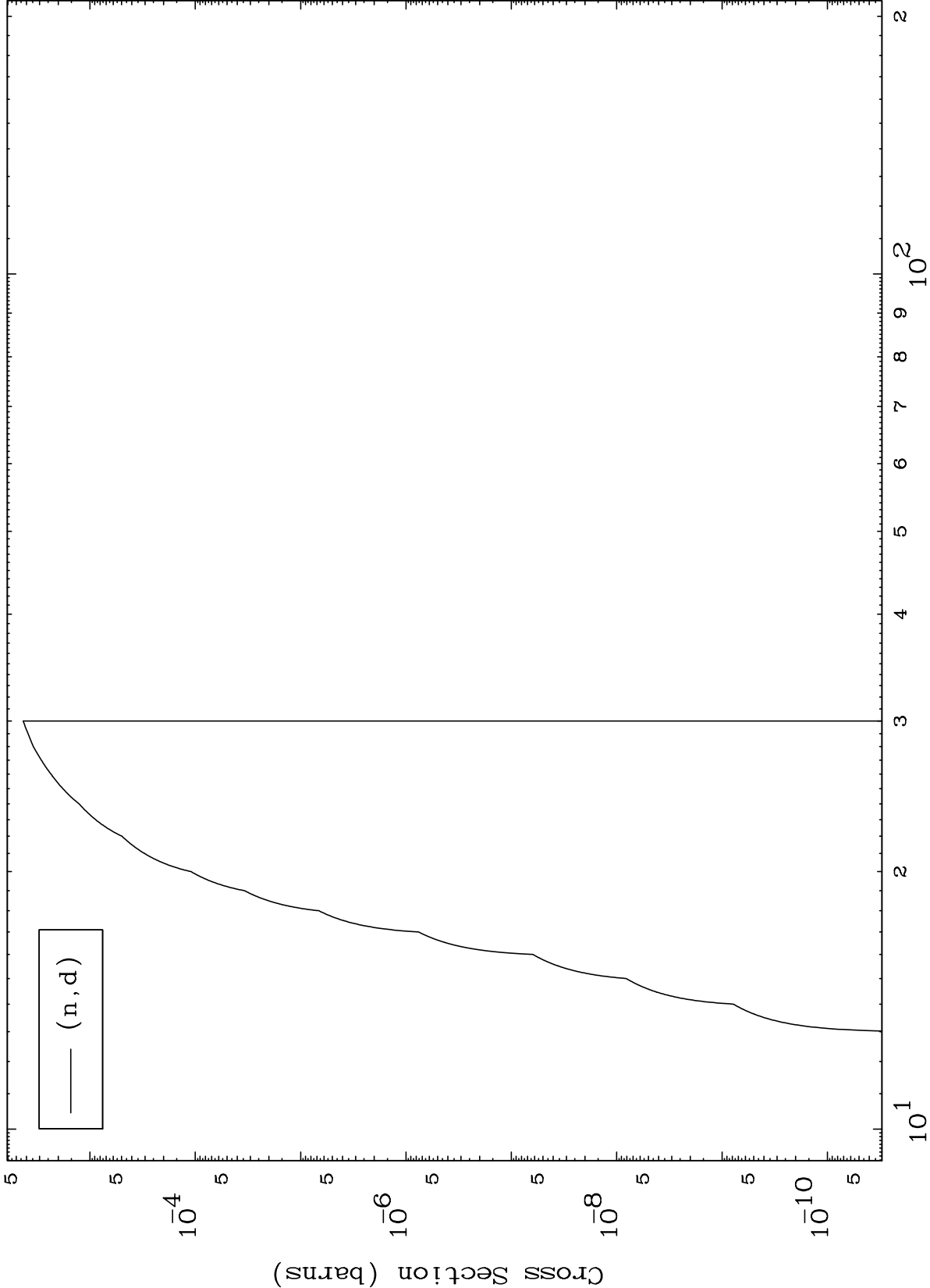
49-In-117m

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(α ,d) Levels

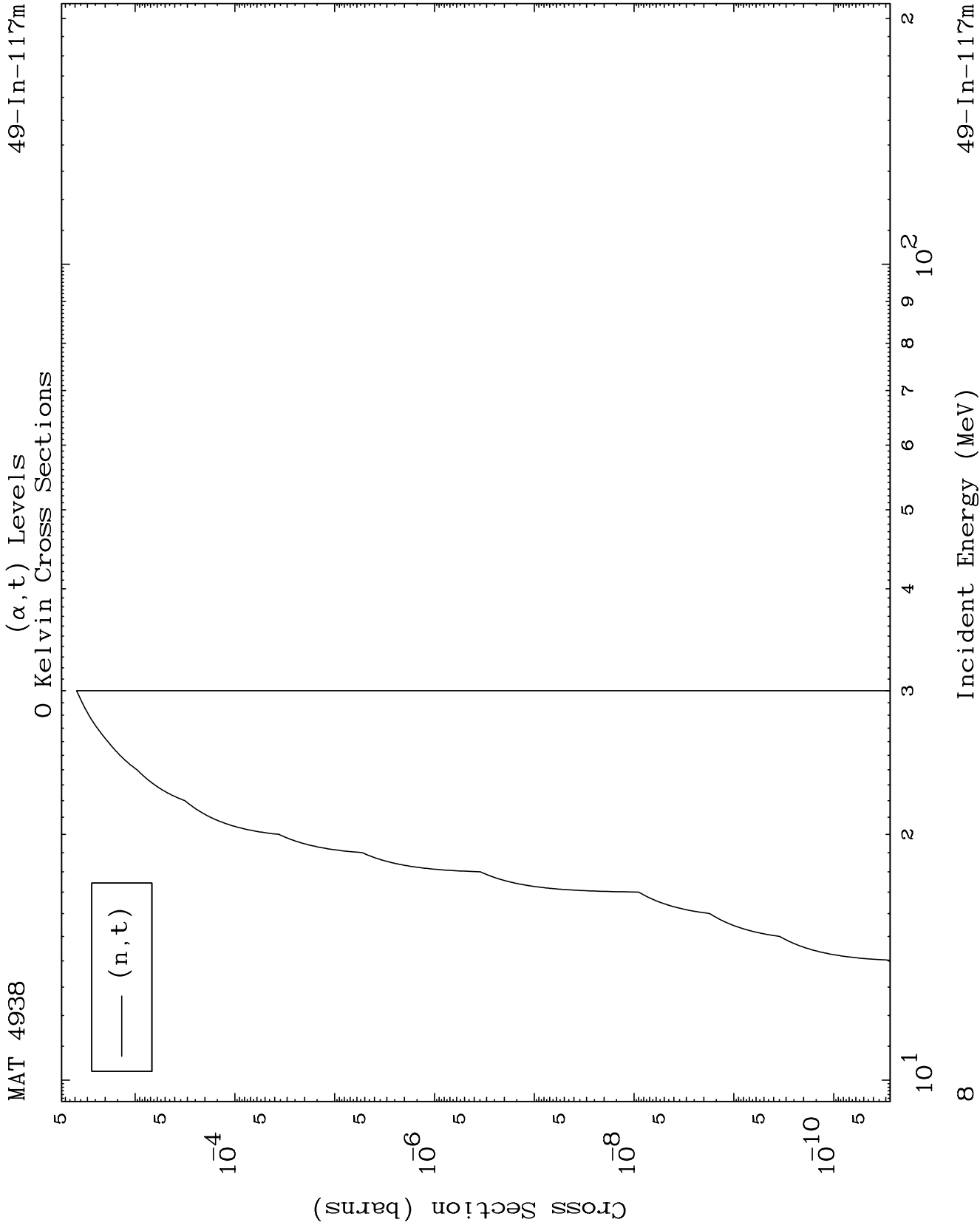
49-In-117m

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-117m

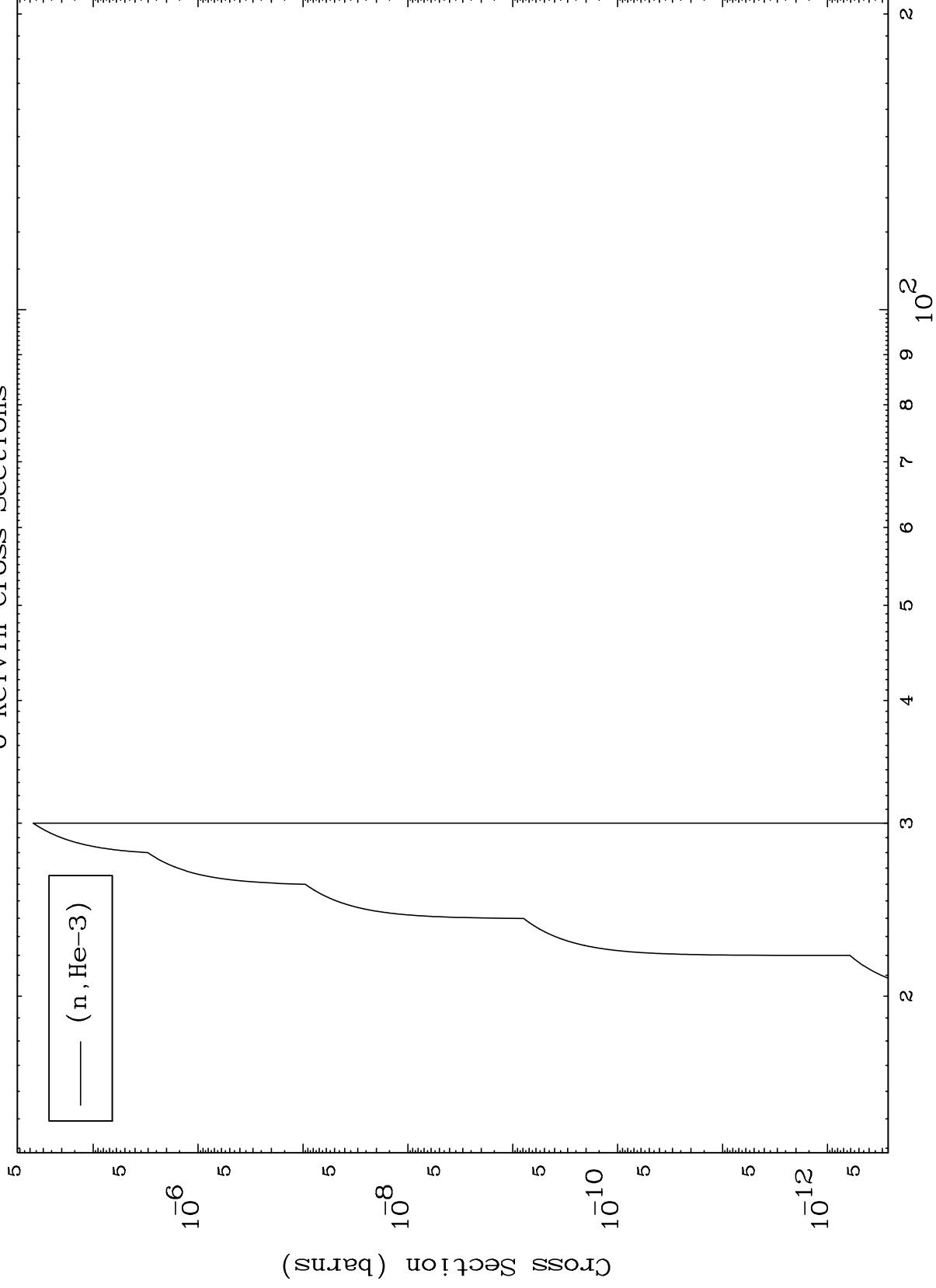


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(α ,He3) Levels

49-In-117m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

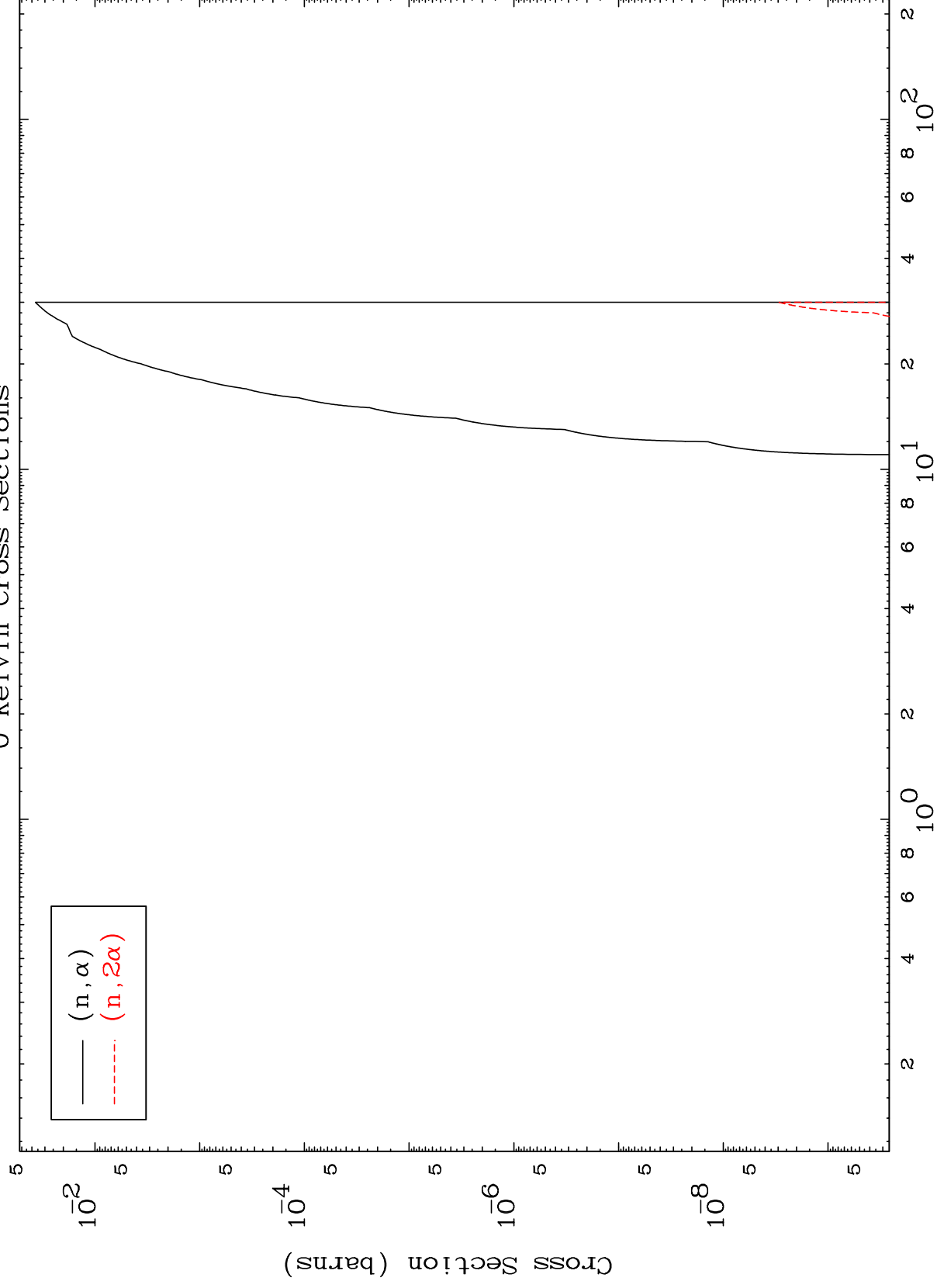
49-In-117m

MAT 4938

(α, α) Levels

49-In-117m

0 Kelvin Cross Sections



10

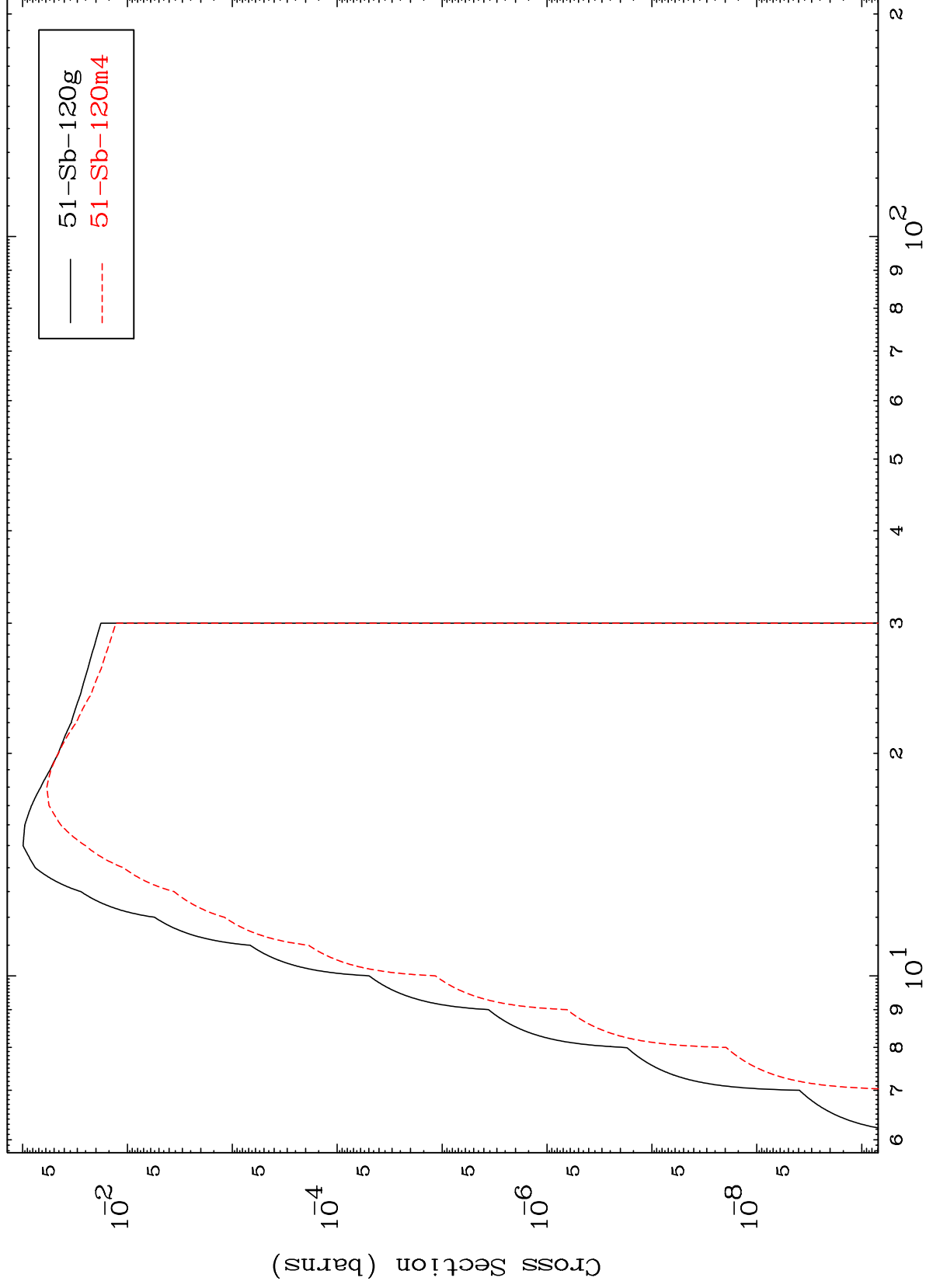
Incident Energy (MeV)

49-In-117m

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49-In-117m

Inelastic
Radionuclide Production Cross Section



49-In-117m

Incident Energy (MeV)

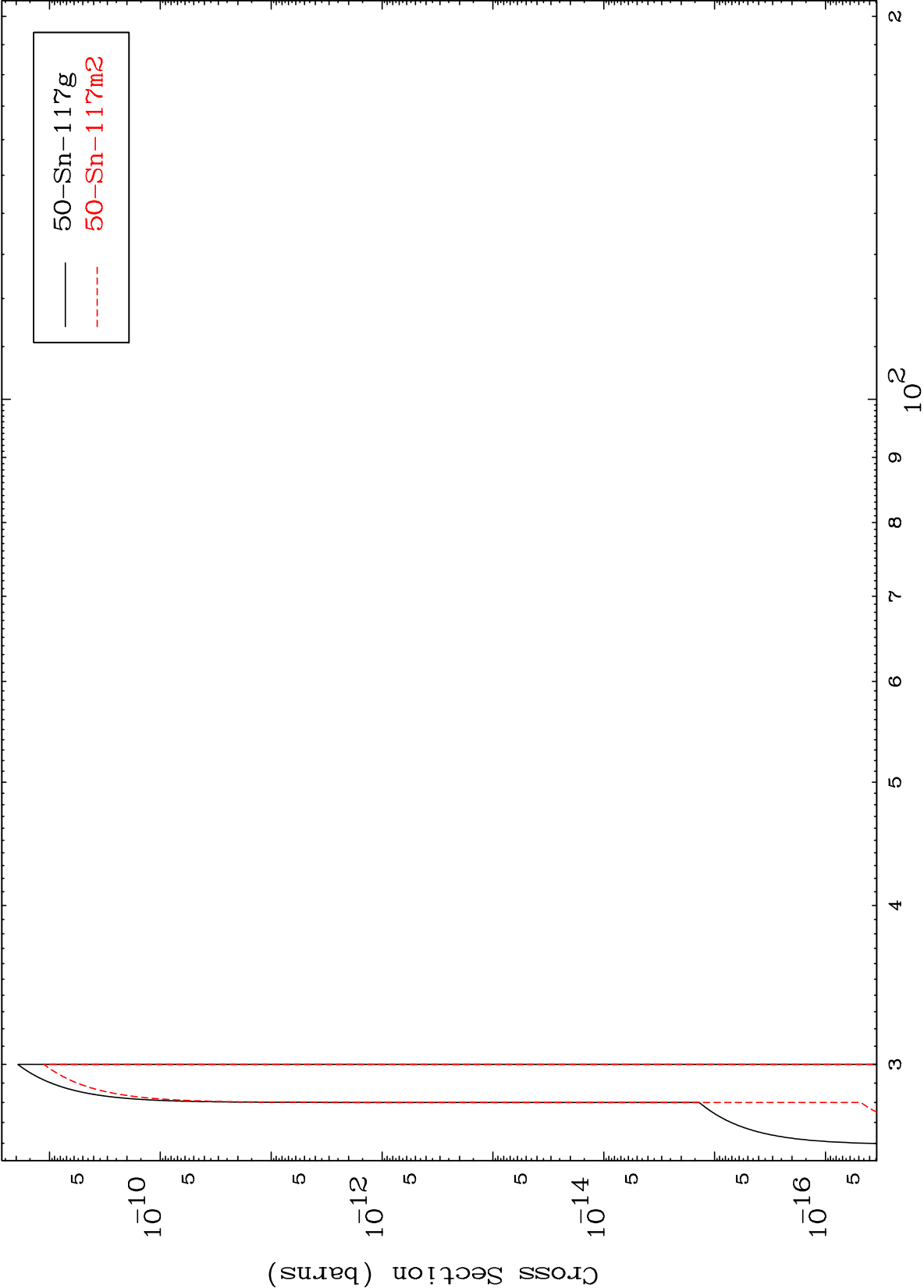
11

MAT 4938

(n,2n) d

49-In-117m

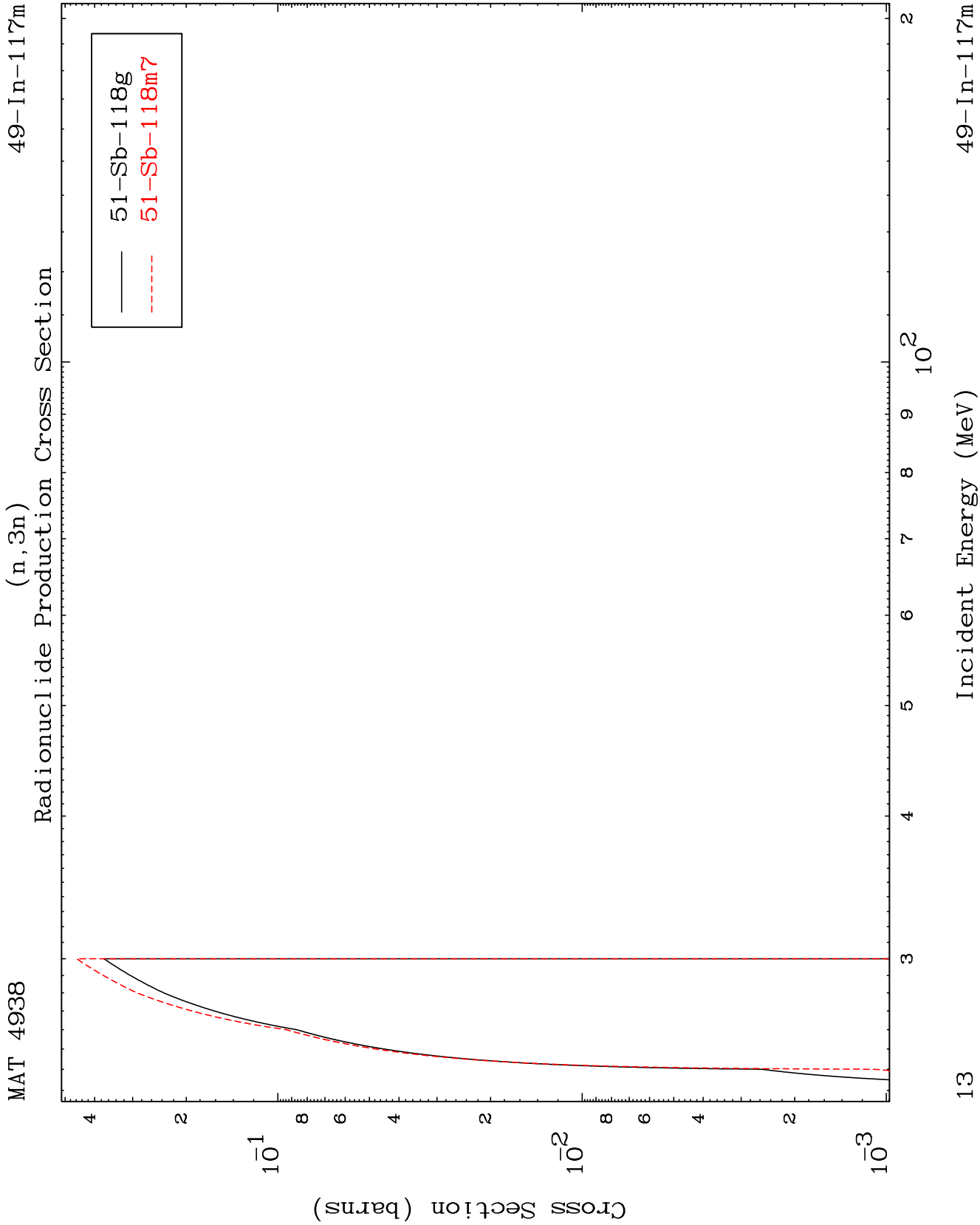
Radionuclide Production Cross Section

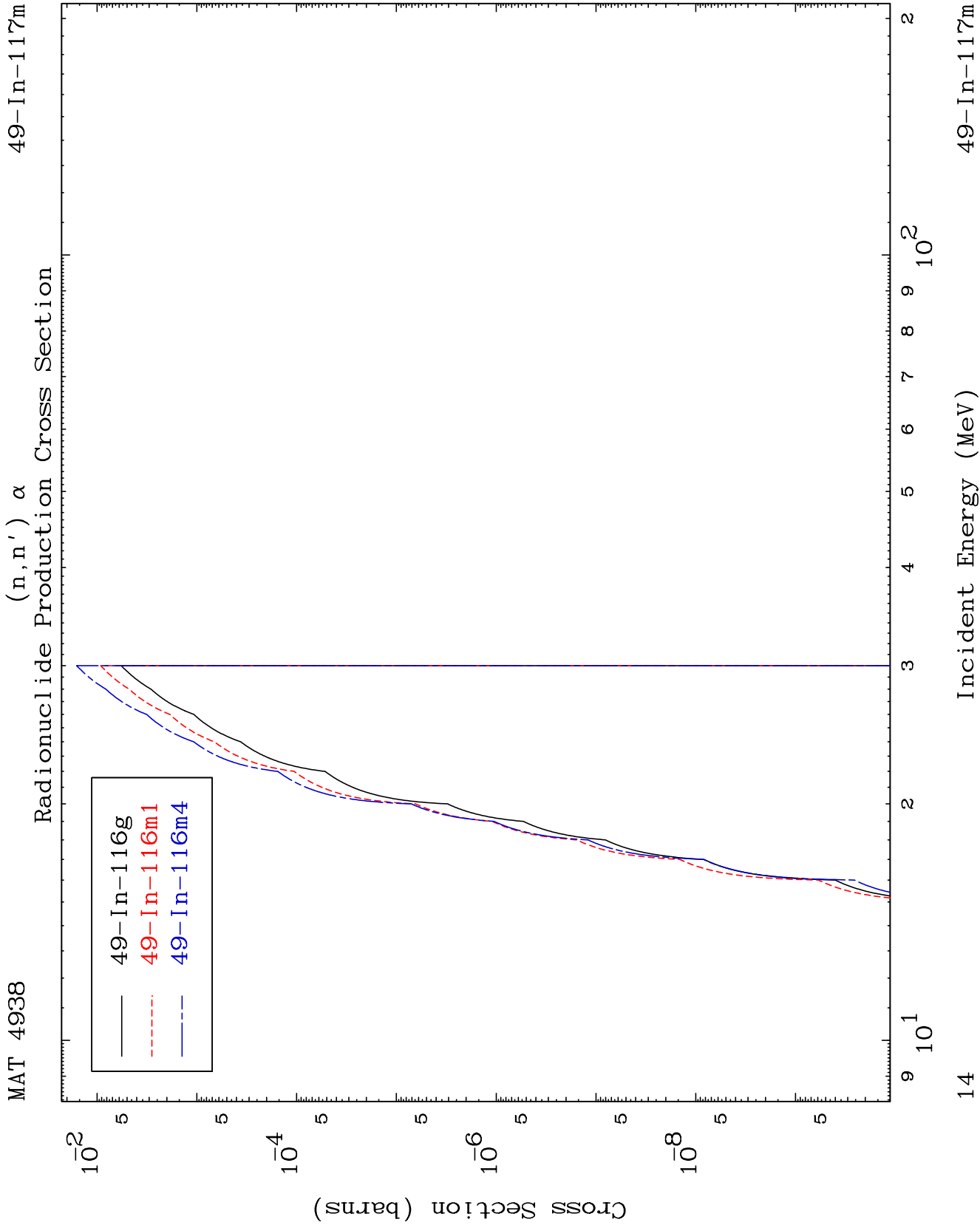


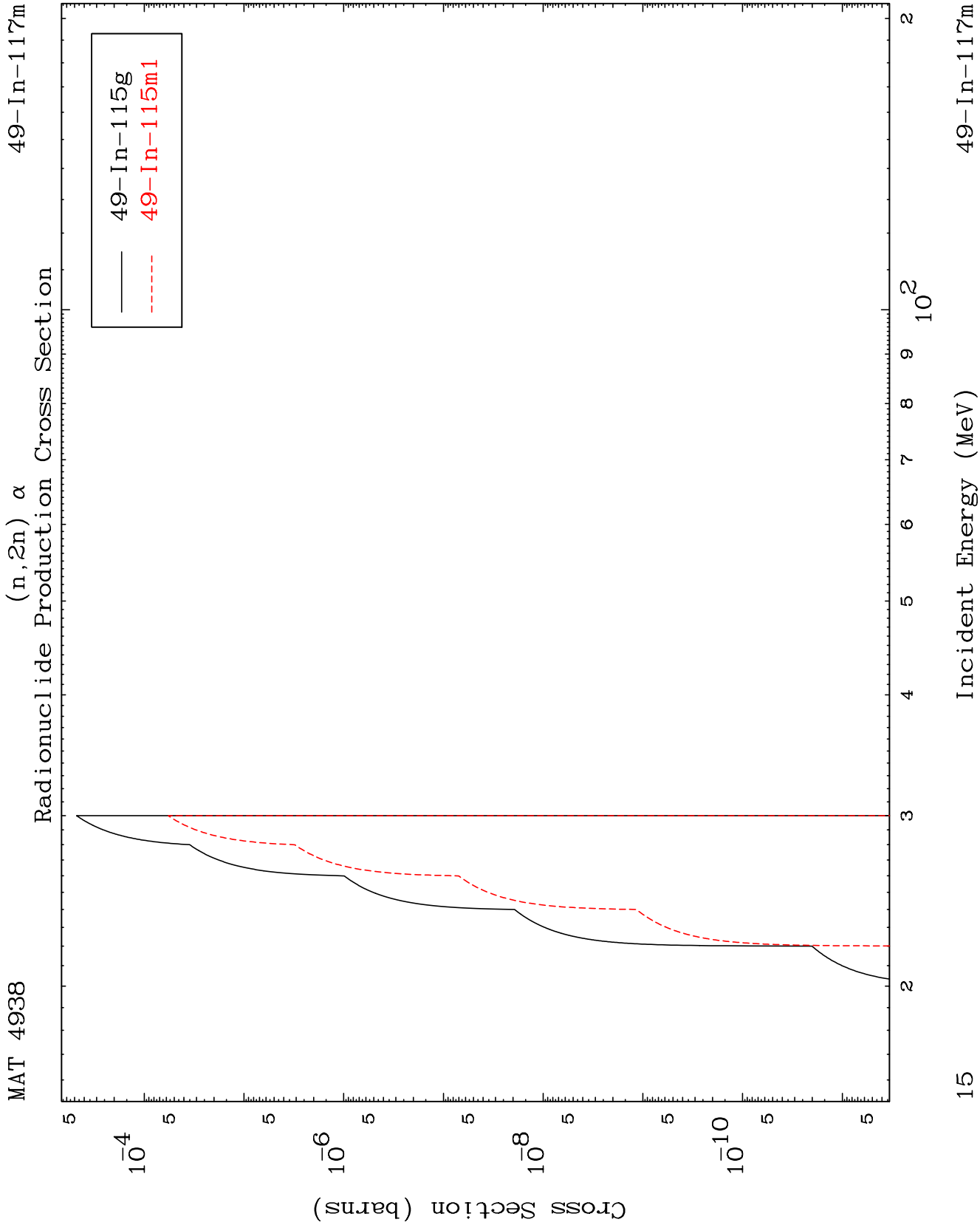
12

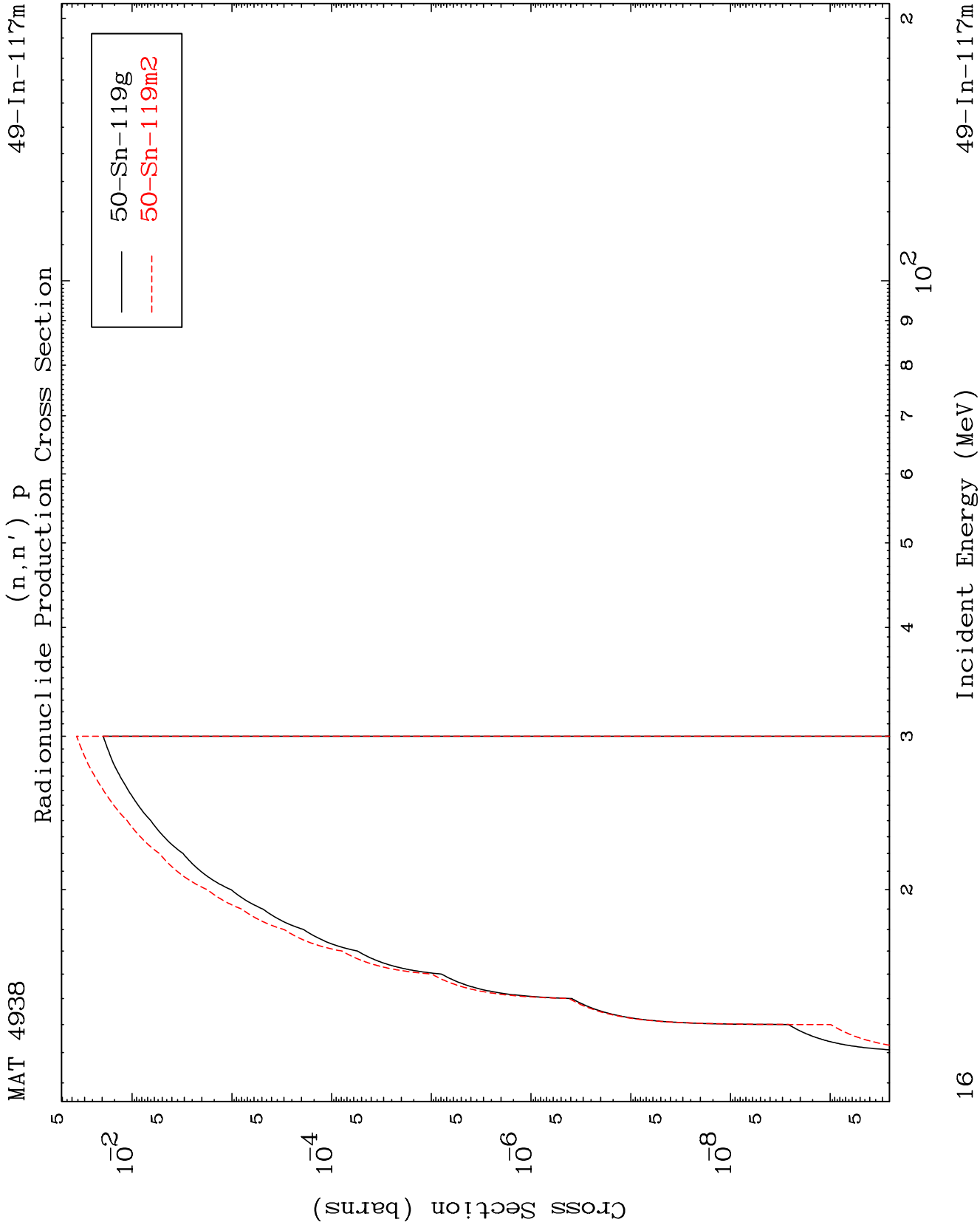
Incident Energy (MeV)

49-In-117m







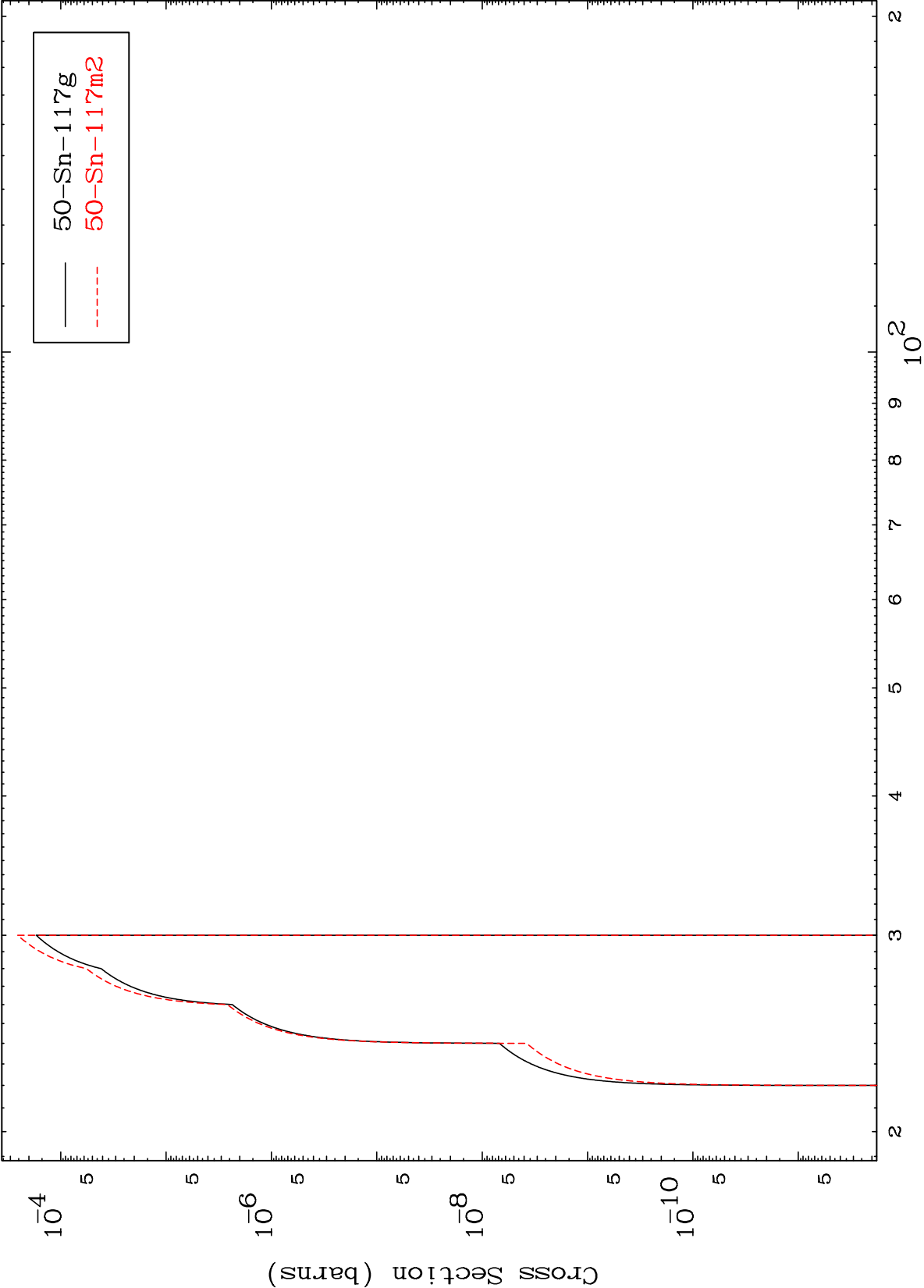


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(n,n') t

49-In-117m

Radionuclide Production Cross Section

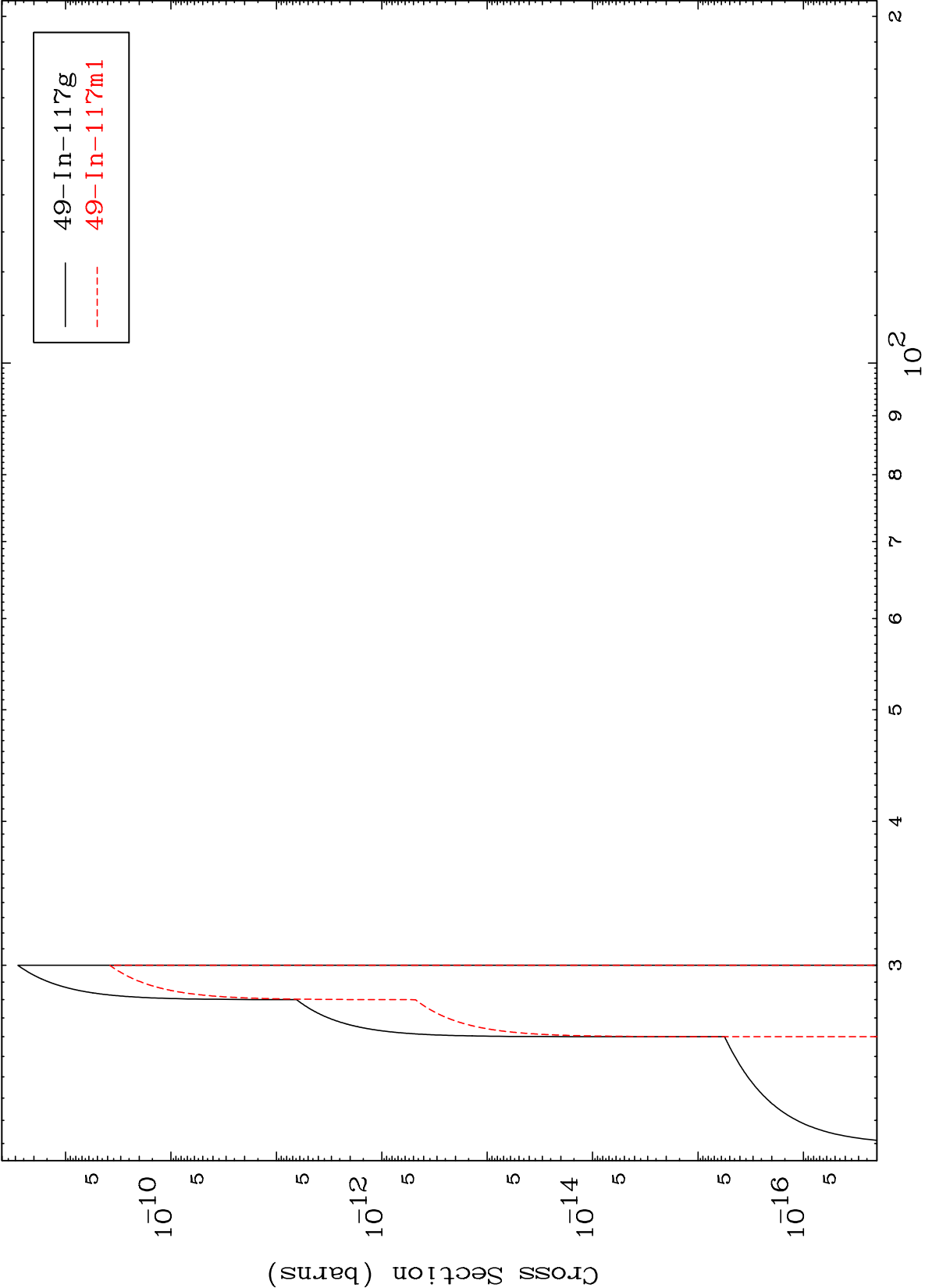


17

Incident Energy (MeV)

49-In-117m

Radionuclide Production Cross Section

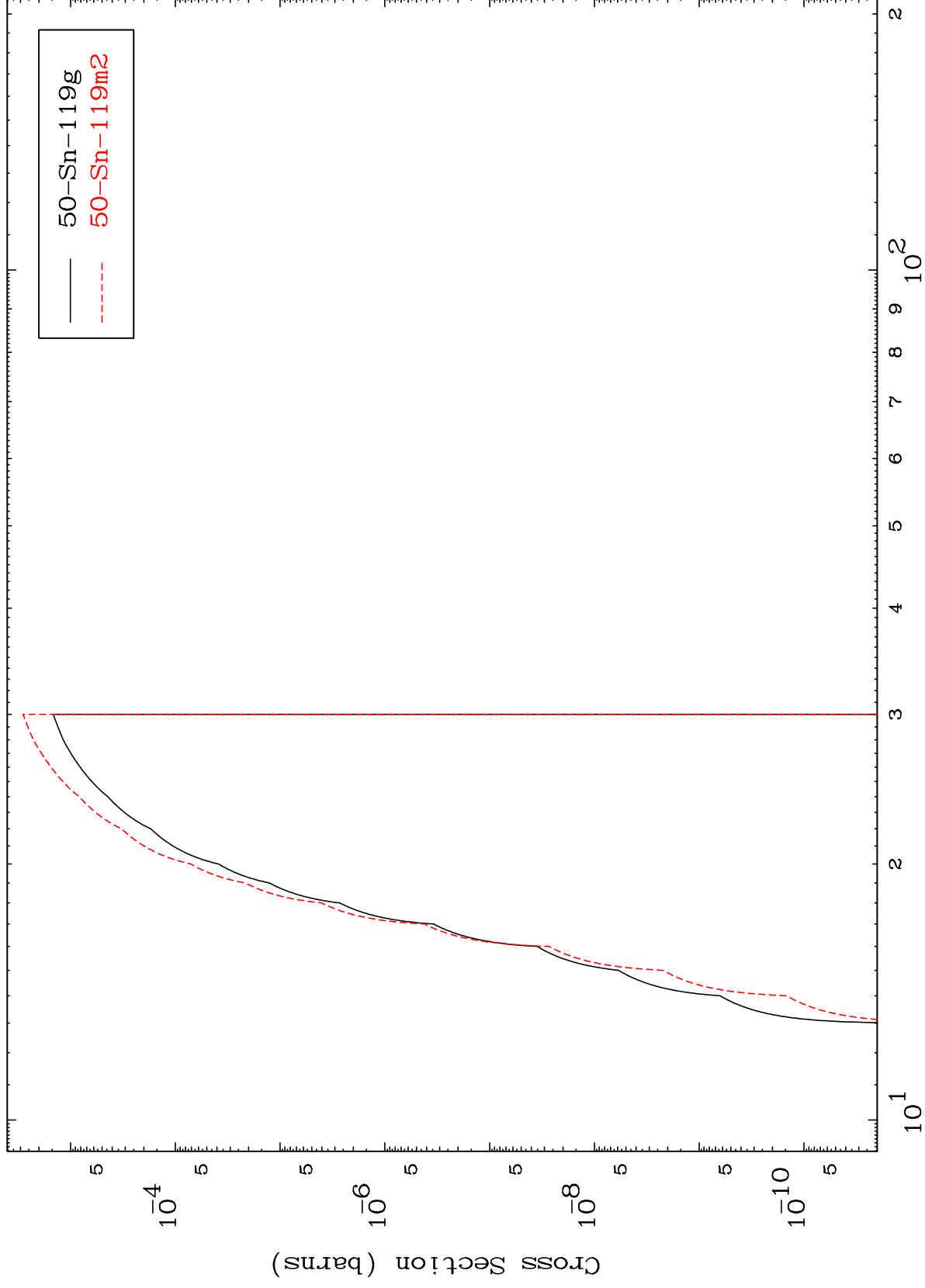


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(n,d)

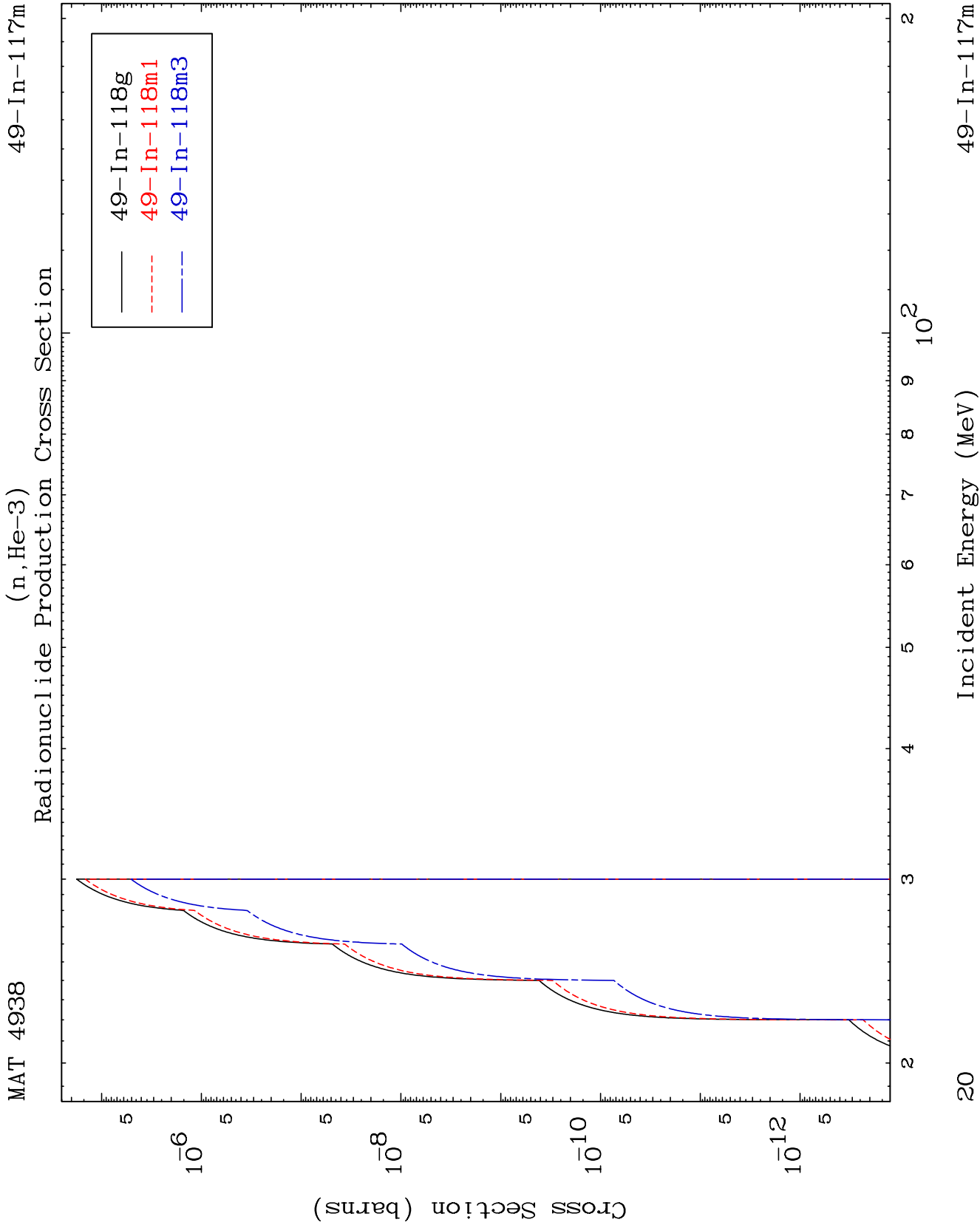
49-In-117m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-117m

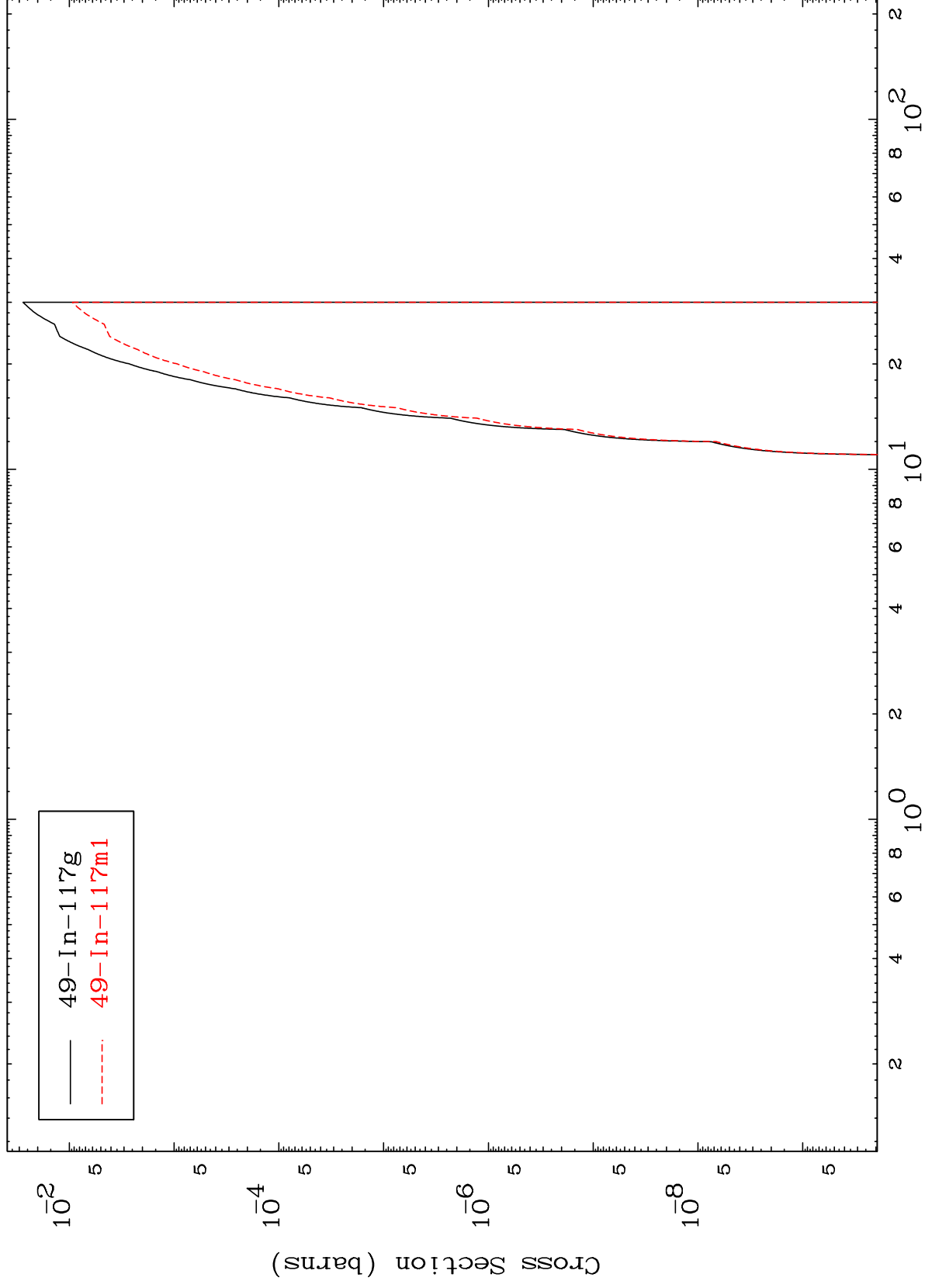


MAT 4938

(n, α)

49-In-117m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

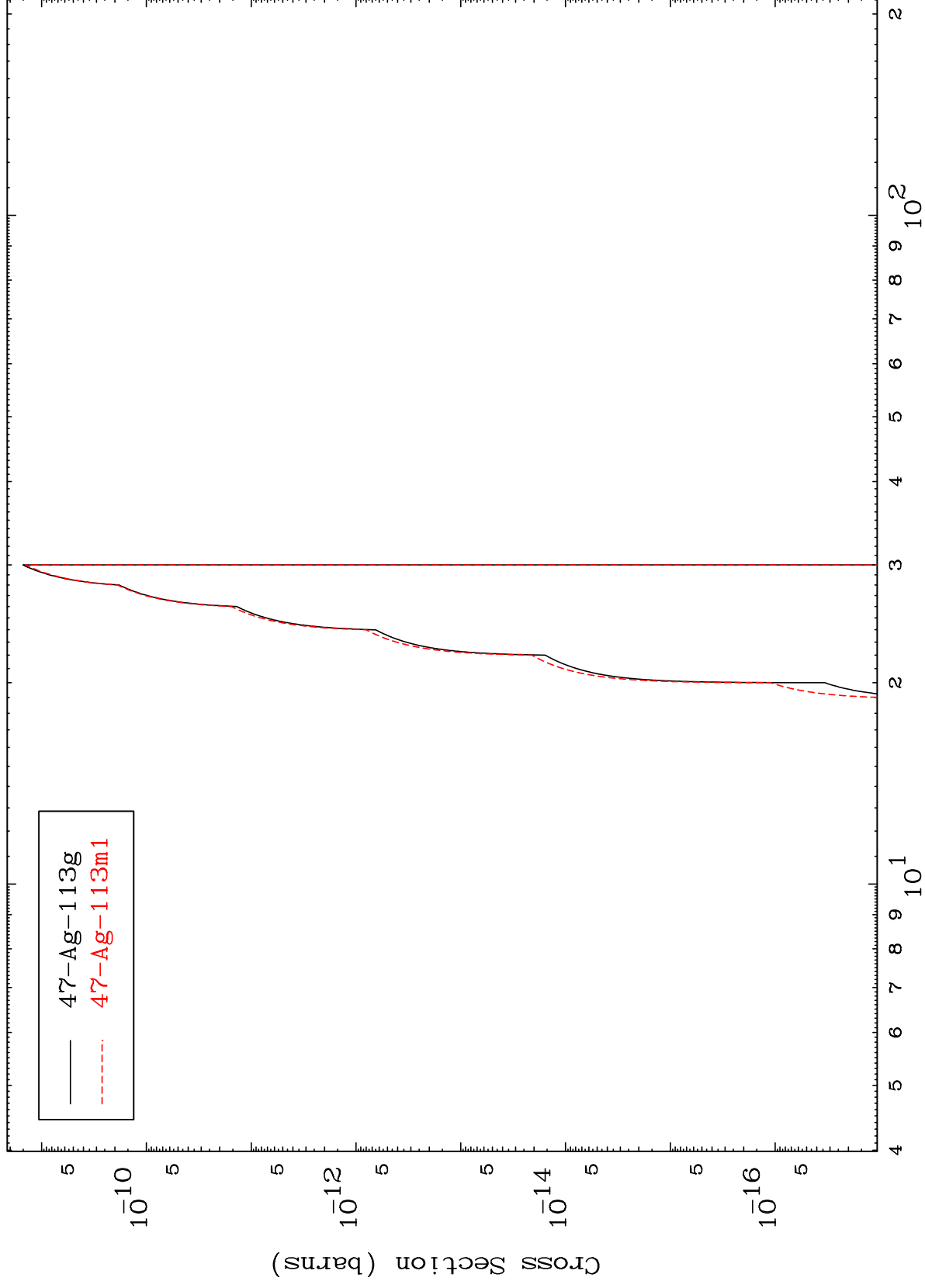
49-In-117m

MAT 4938

(n,2α)

49-In-117m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

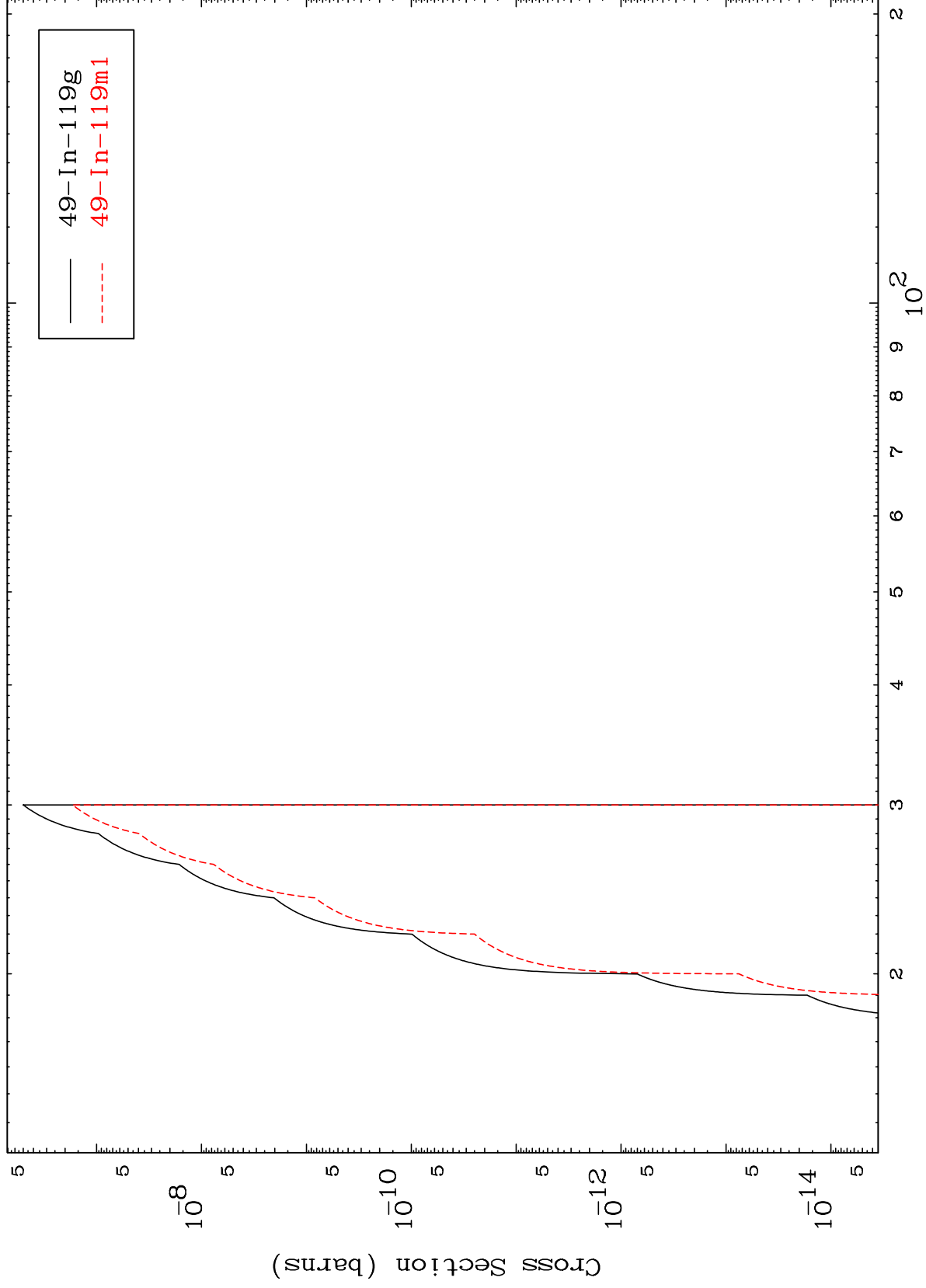
49-In-117m

MAT 4938

(n,2p)

49-In-117m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-117m