

Program EVALPLOT
(Version 2021-1)

by

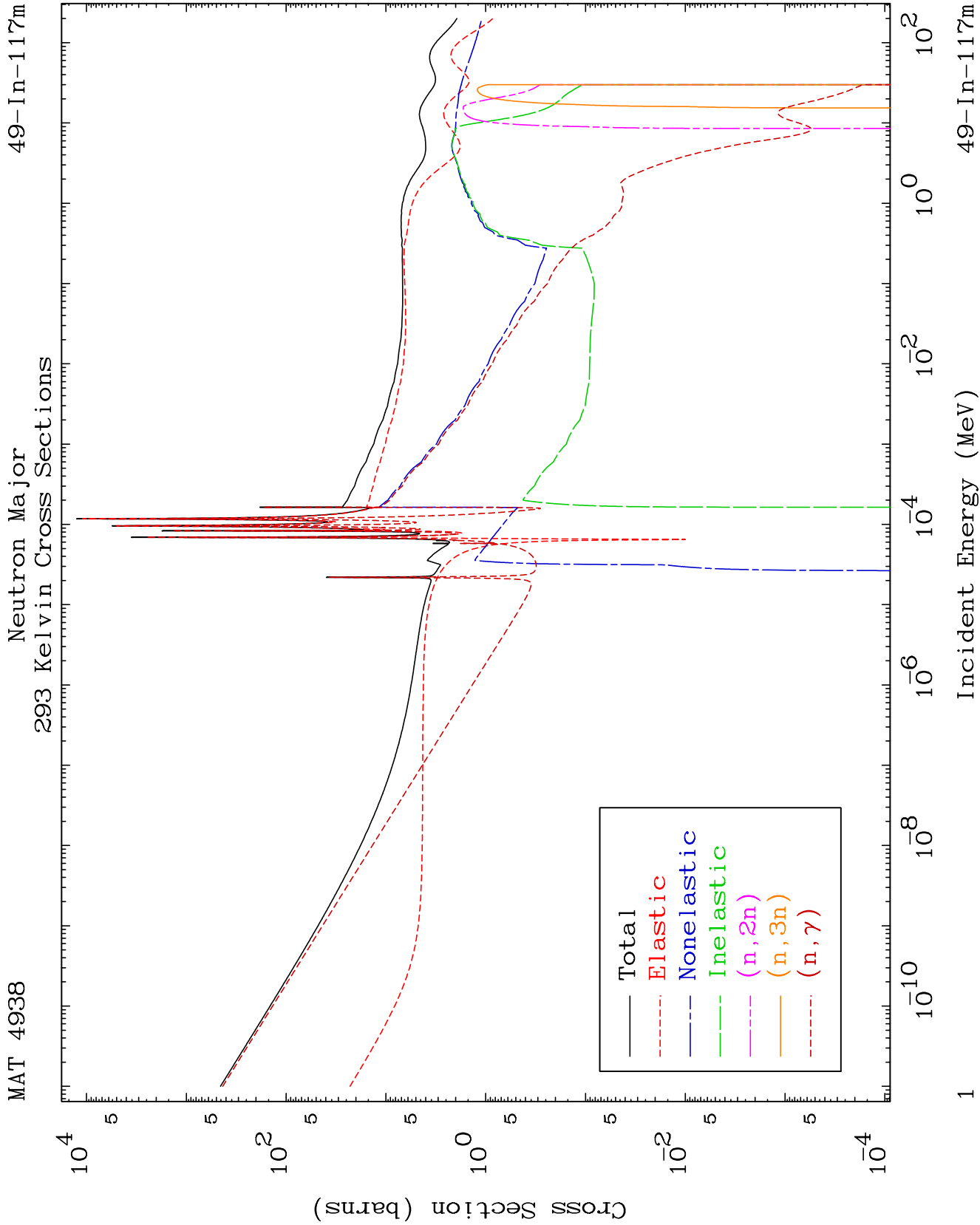
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

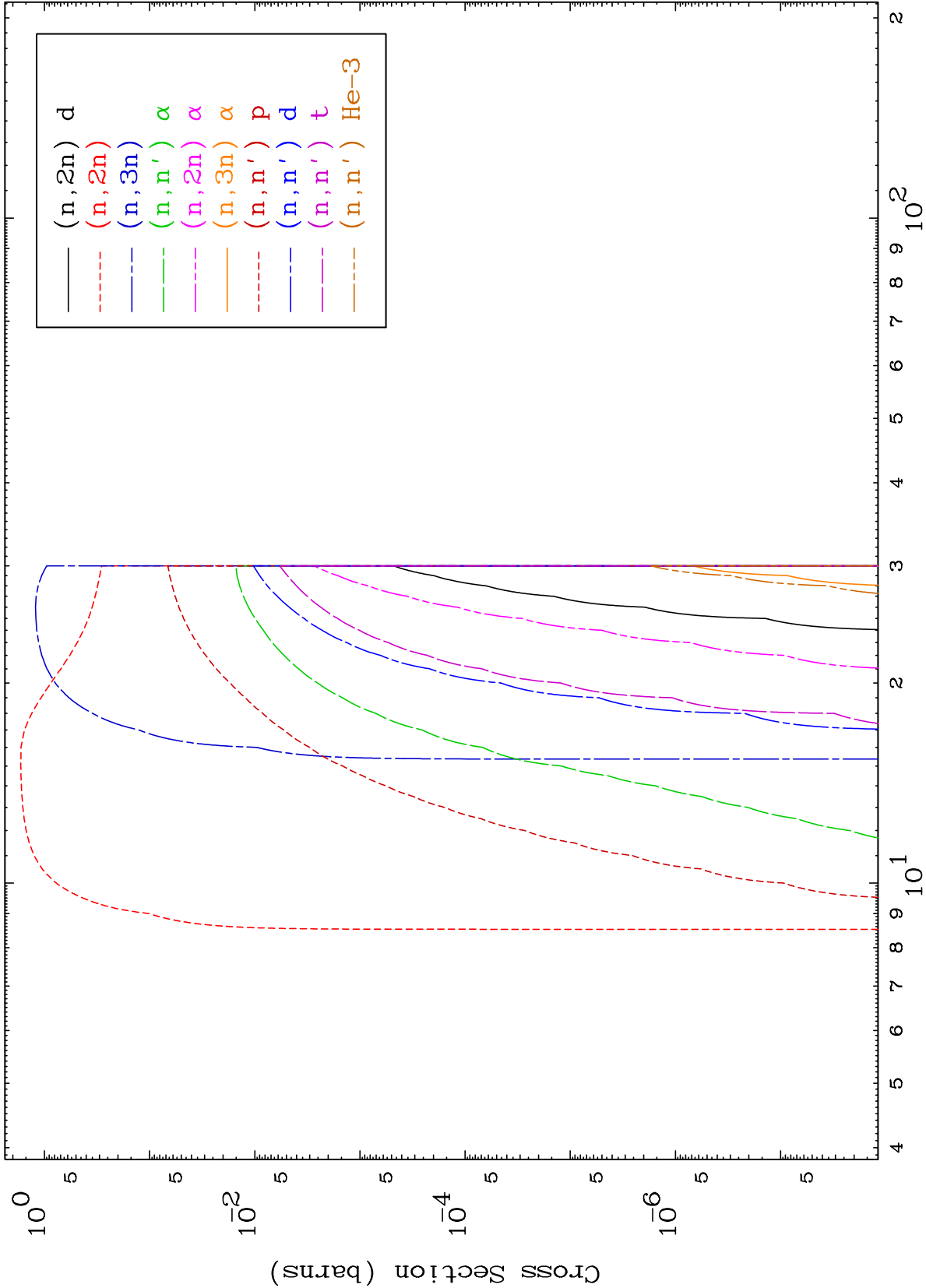
Press Mouse Button to Start



MAT 4938

Neutron Absorption
293 Kelvin Cross Sections

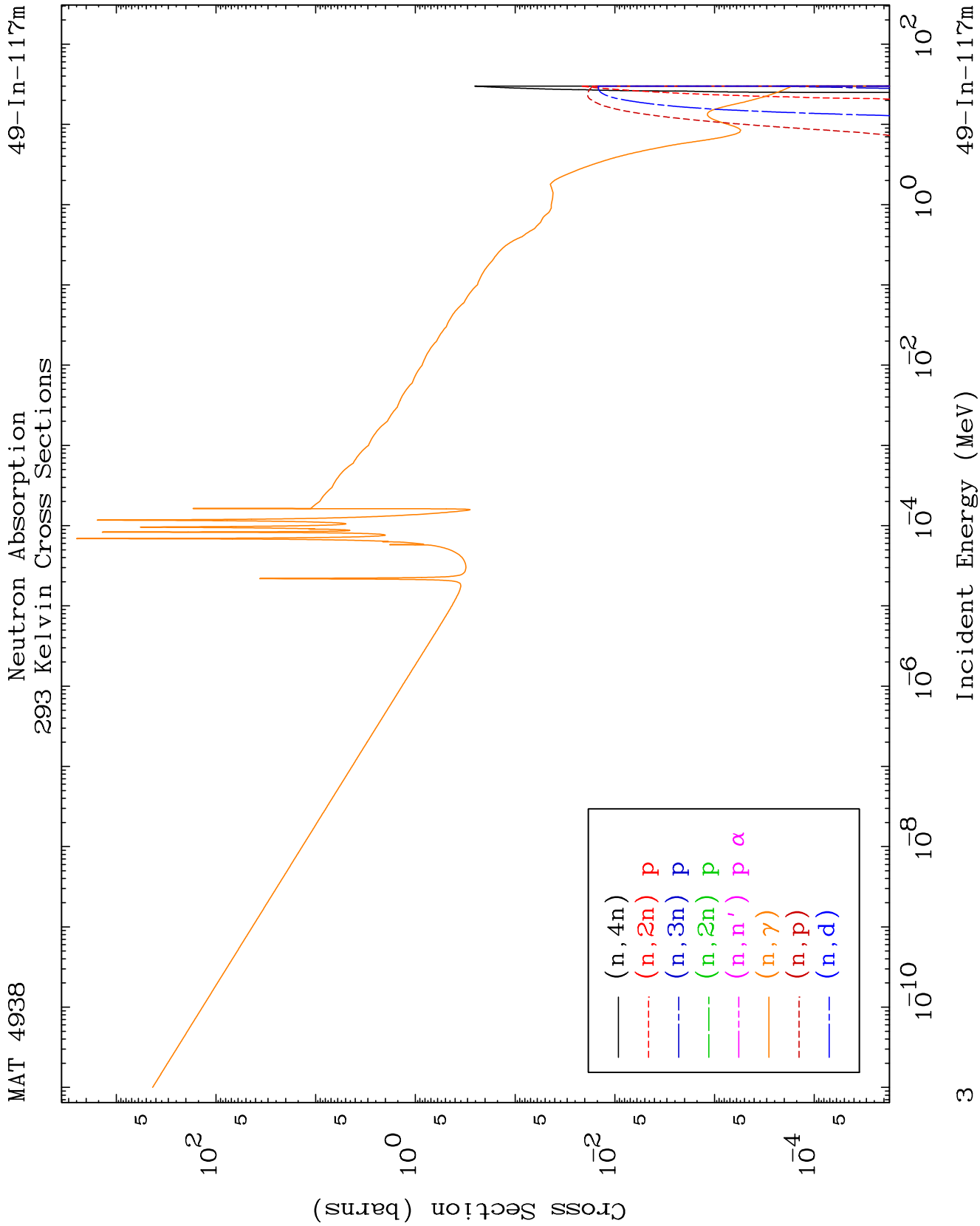
49-In-117m



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Incident Energy (MeV)

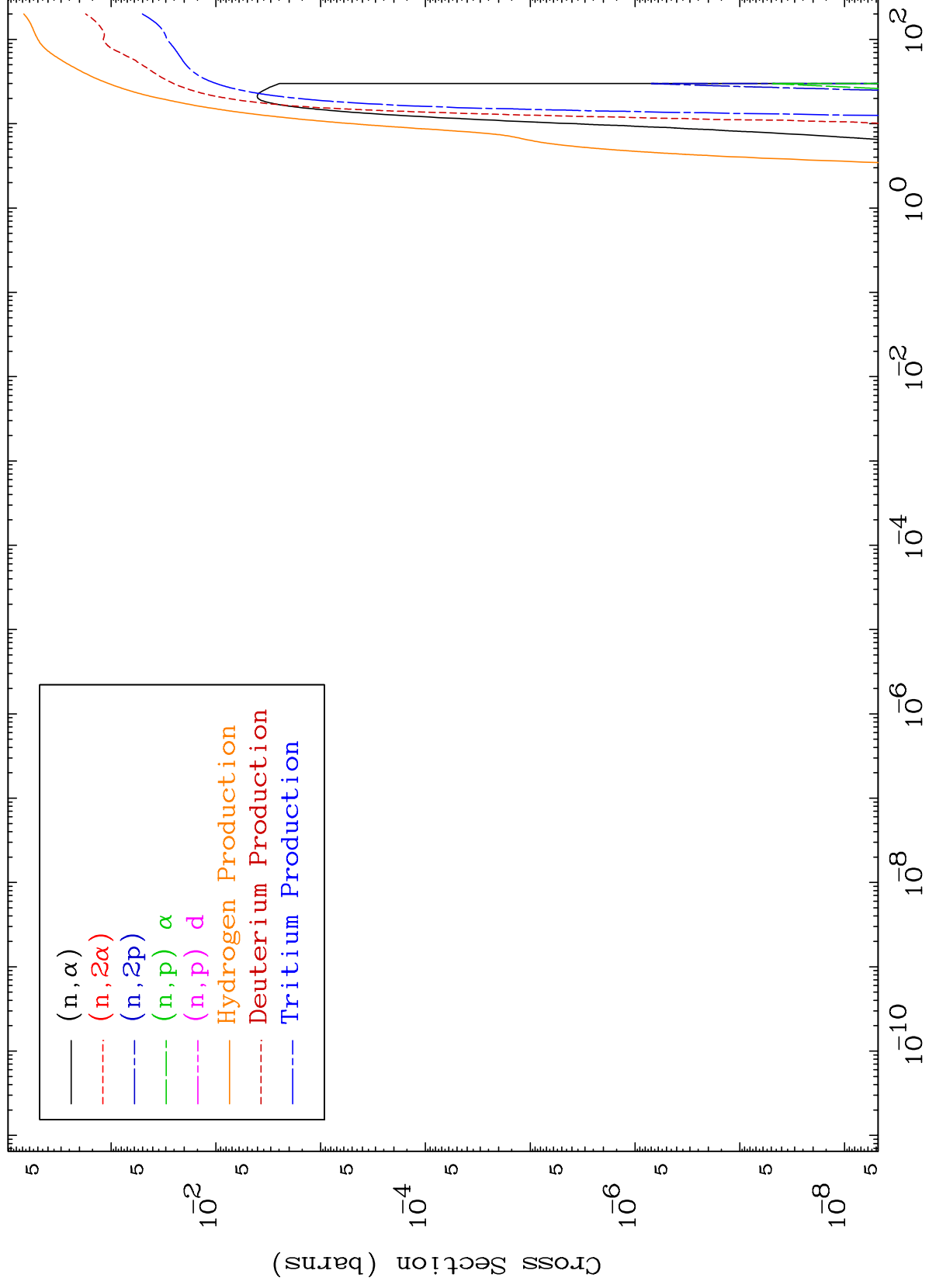
49-In-117m

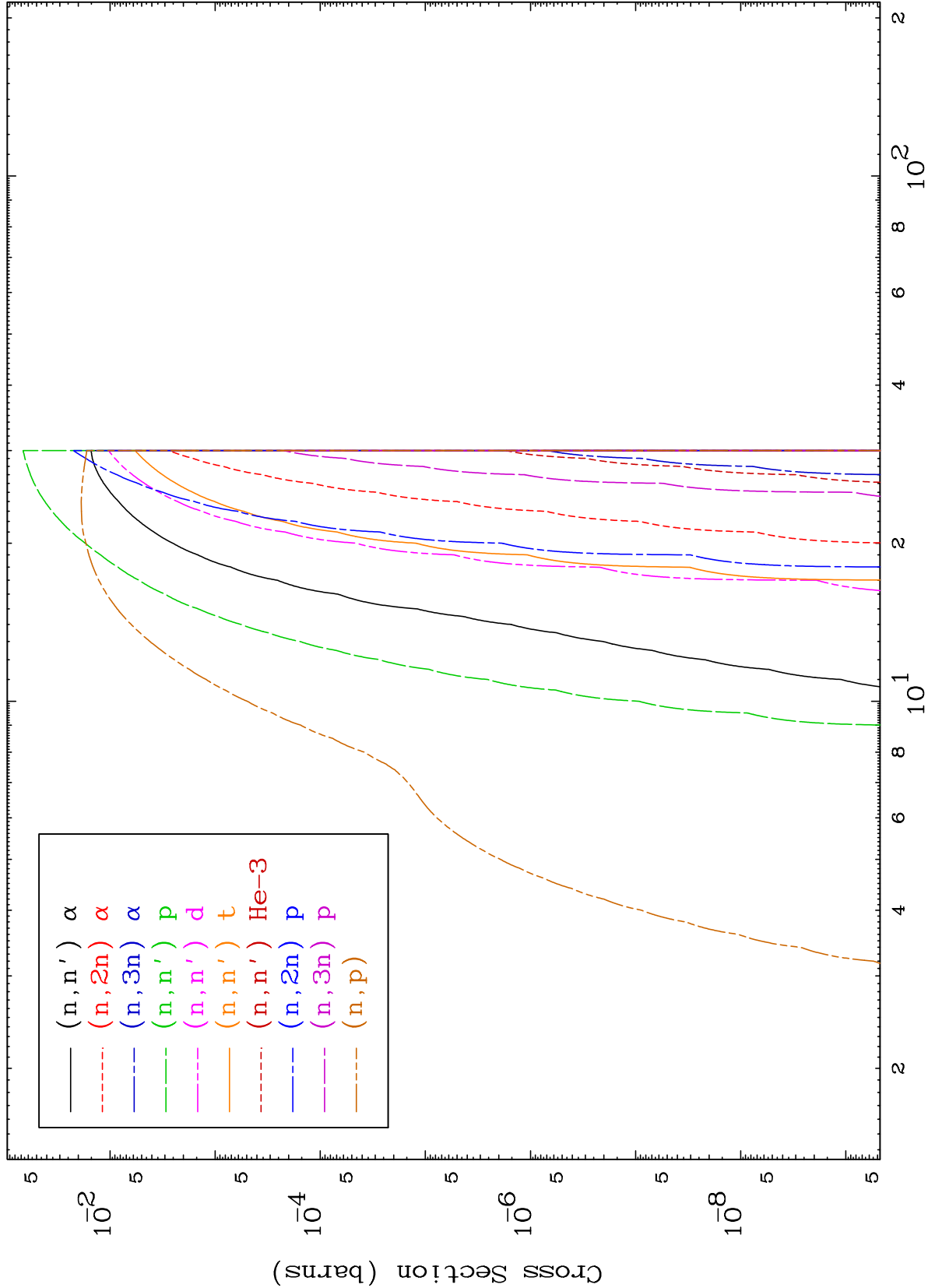


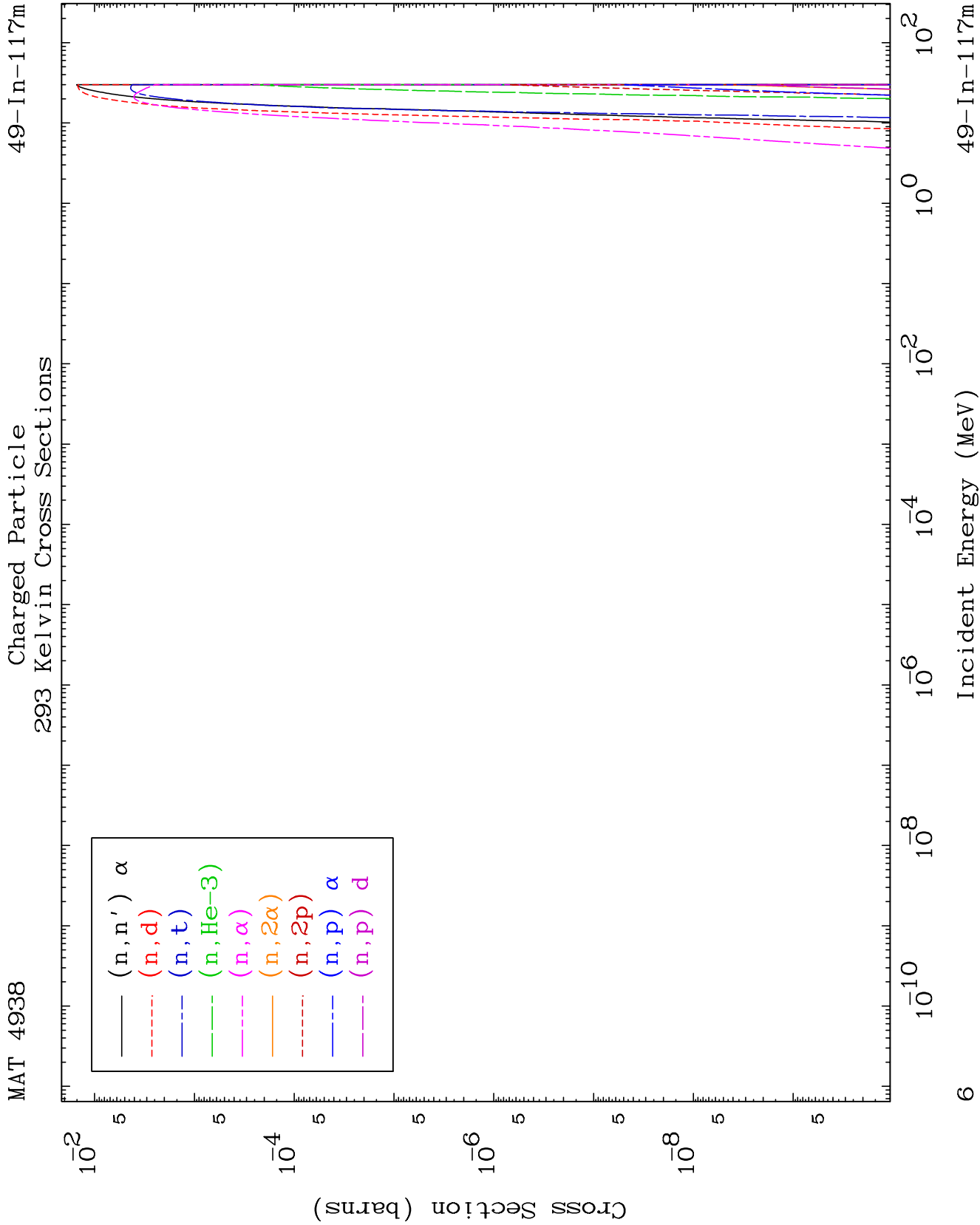
MAT 4938

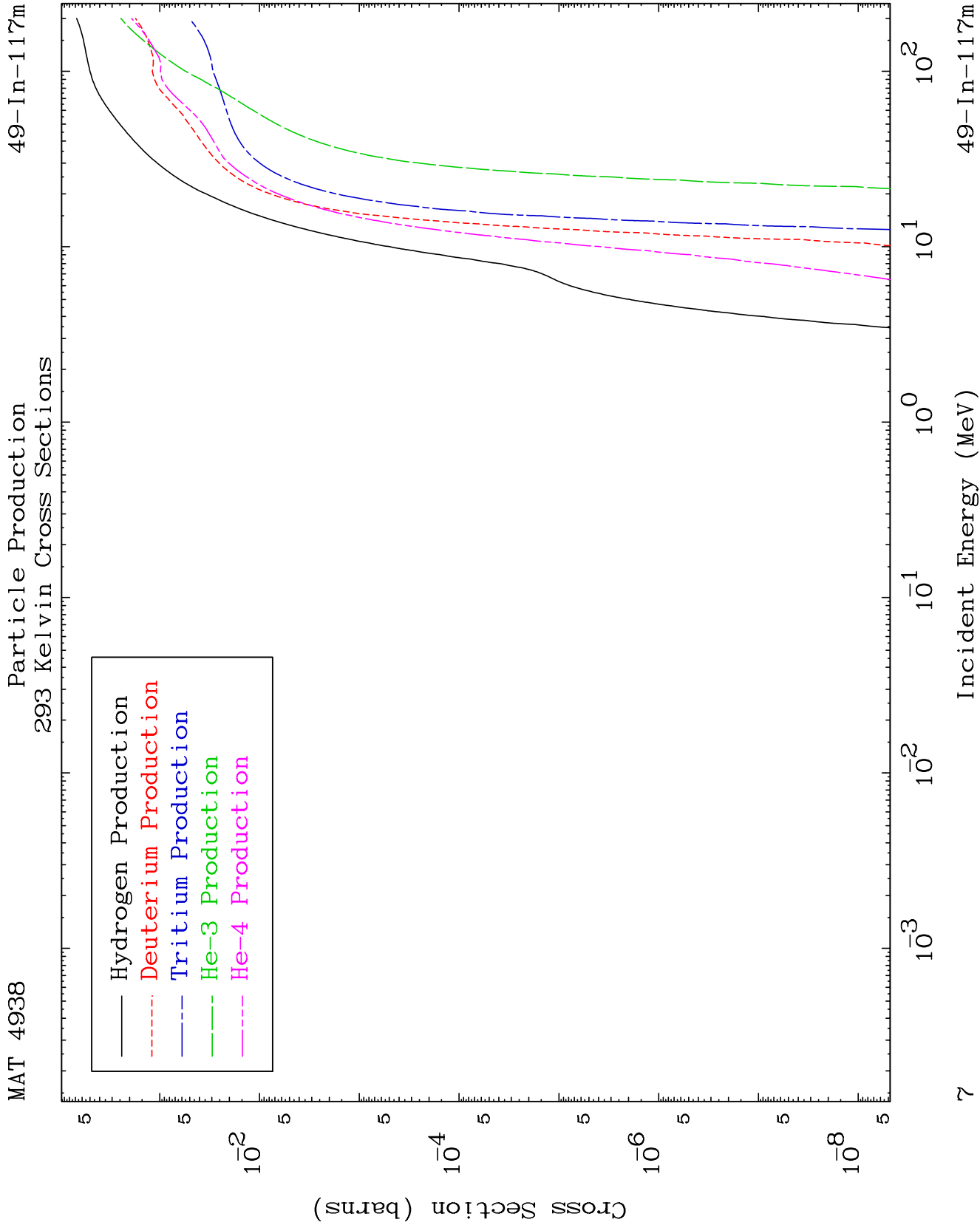
Neutron Absorption
293 Kelvin Cross Sections

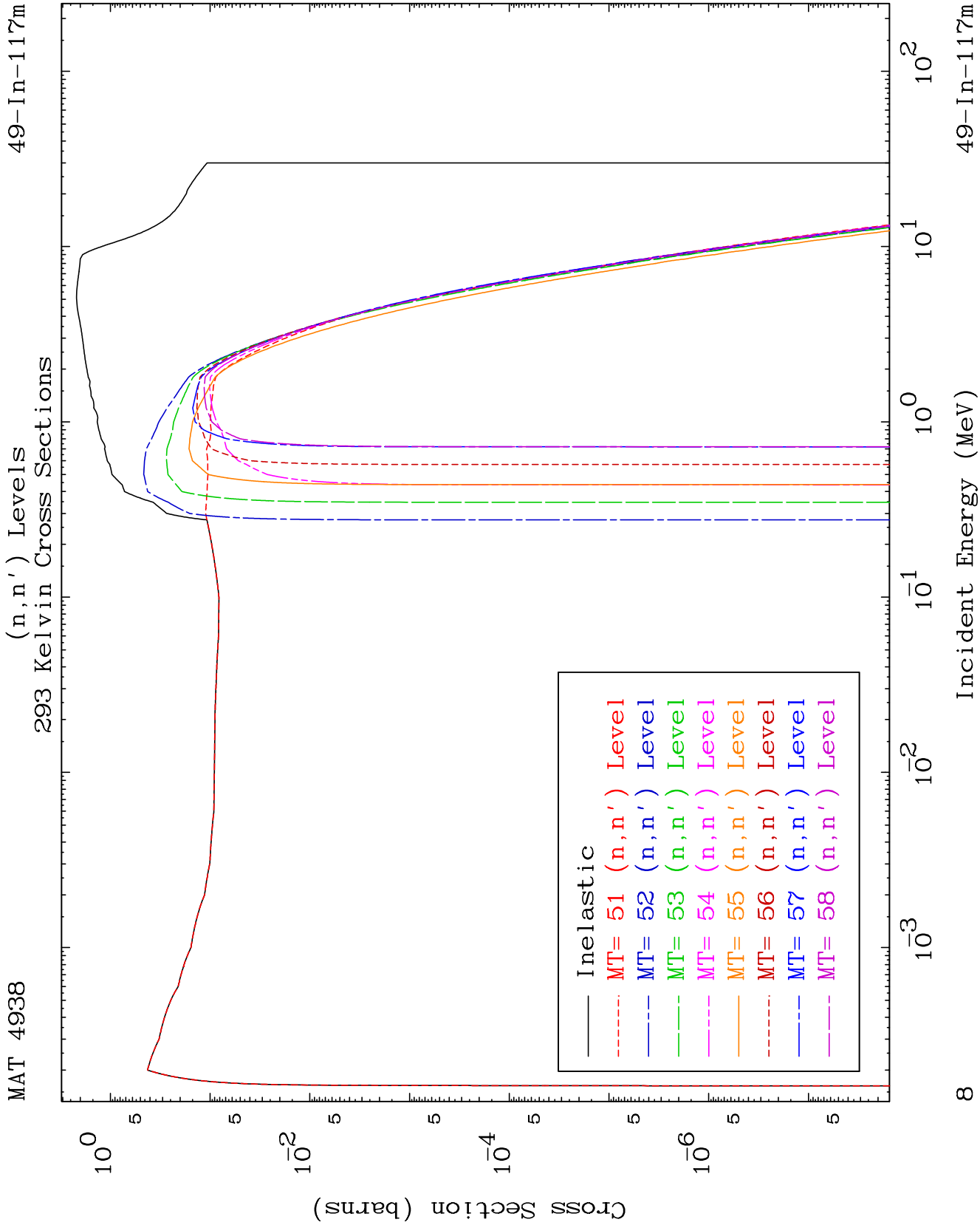
49-In-117m

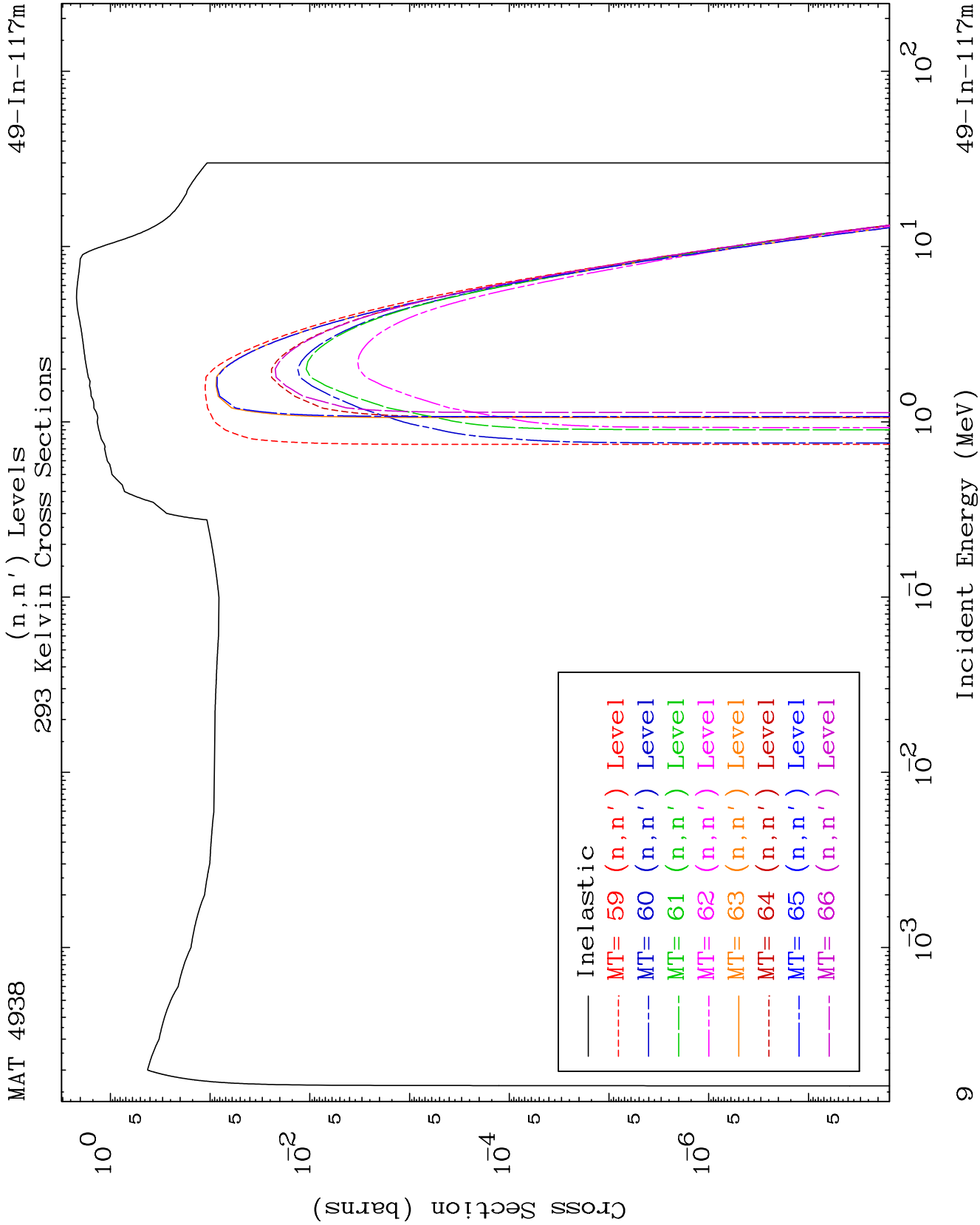


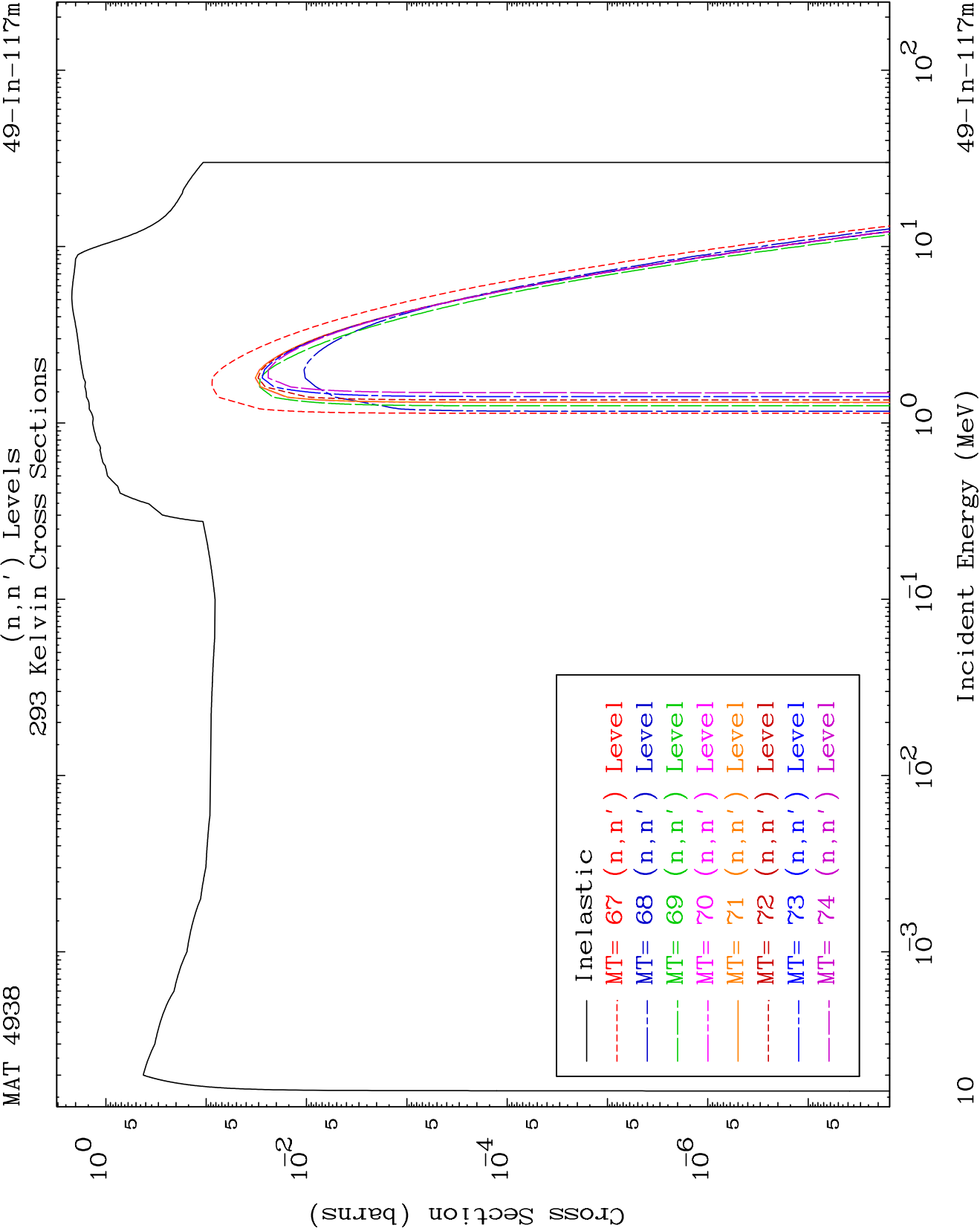








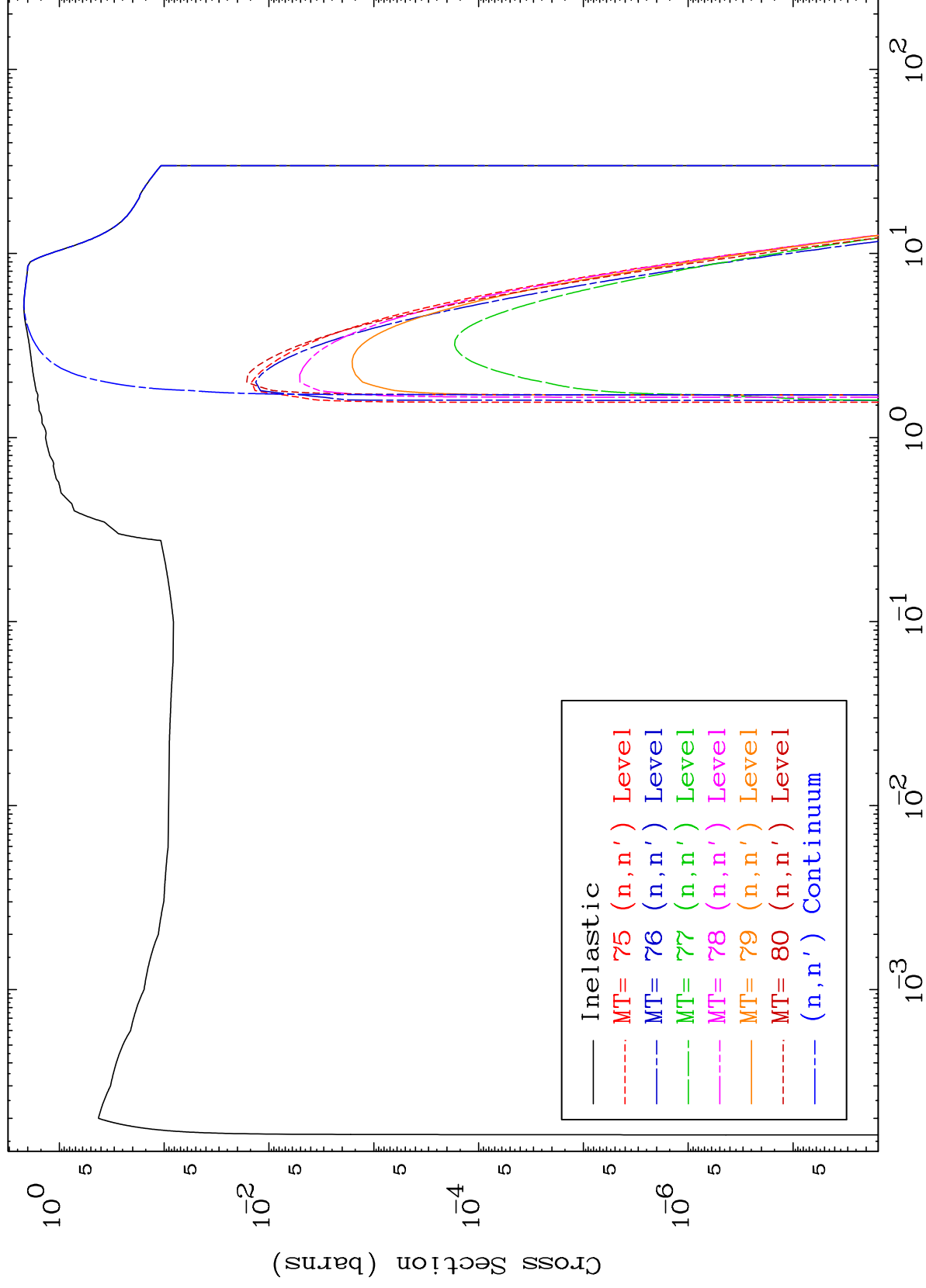




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(n,n') Levels
293 Kelvin Cross Sections

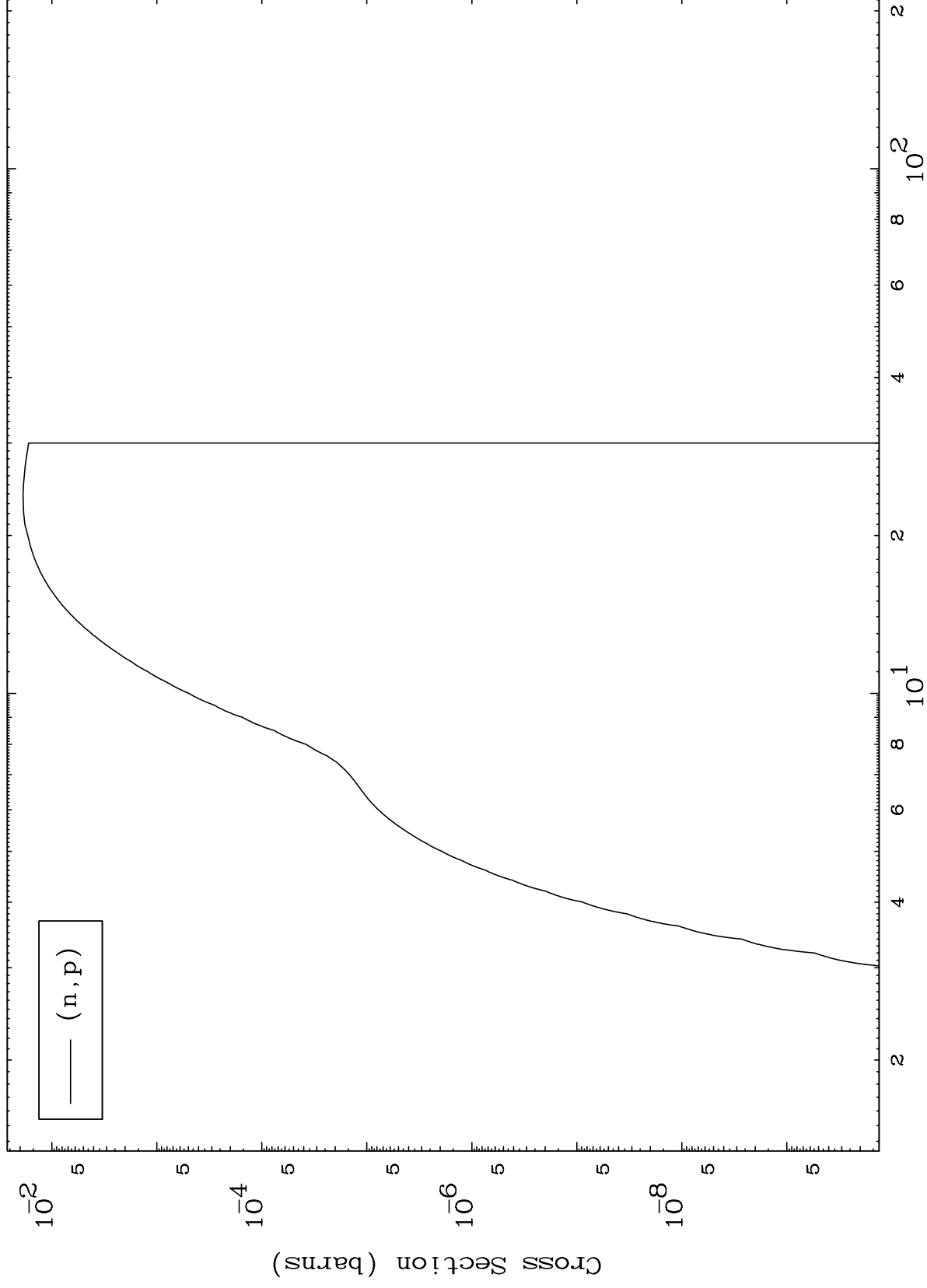
49-In-117m



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(n,p) Levels
293 Kelvin Cross Sections

49-In-117m



12

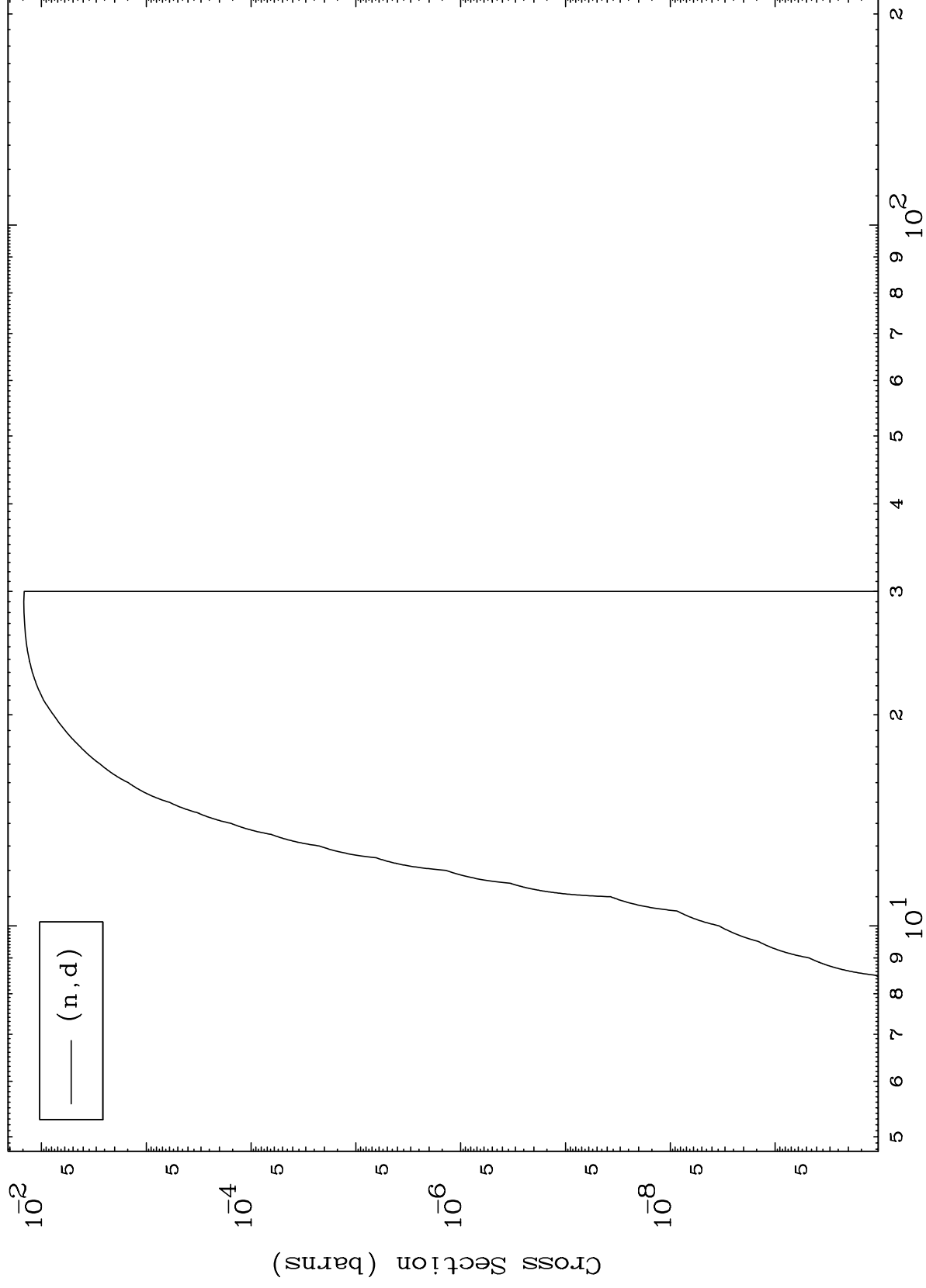
Incident Energy (MeV)

49-In-117m

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(n,d) Levels
293 Kelvin Cross Sections

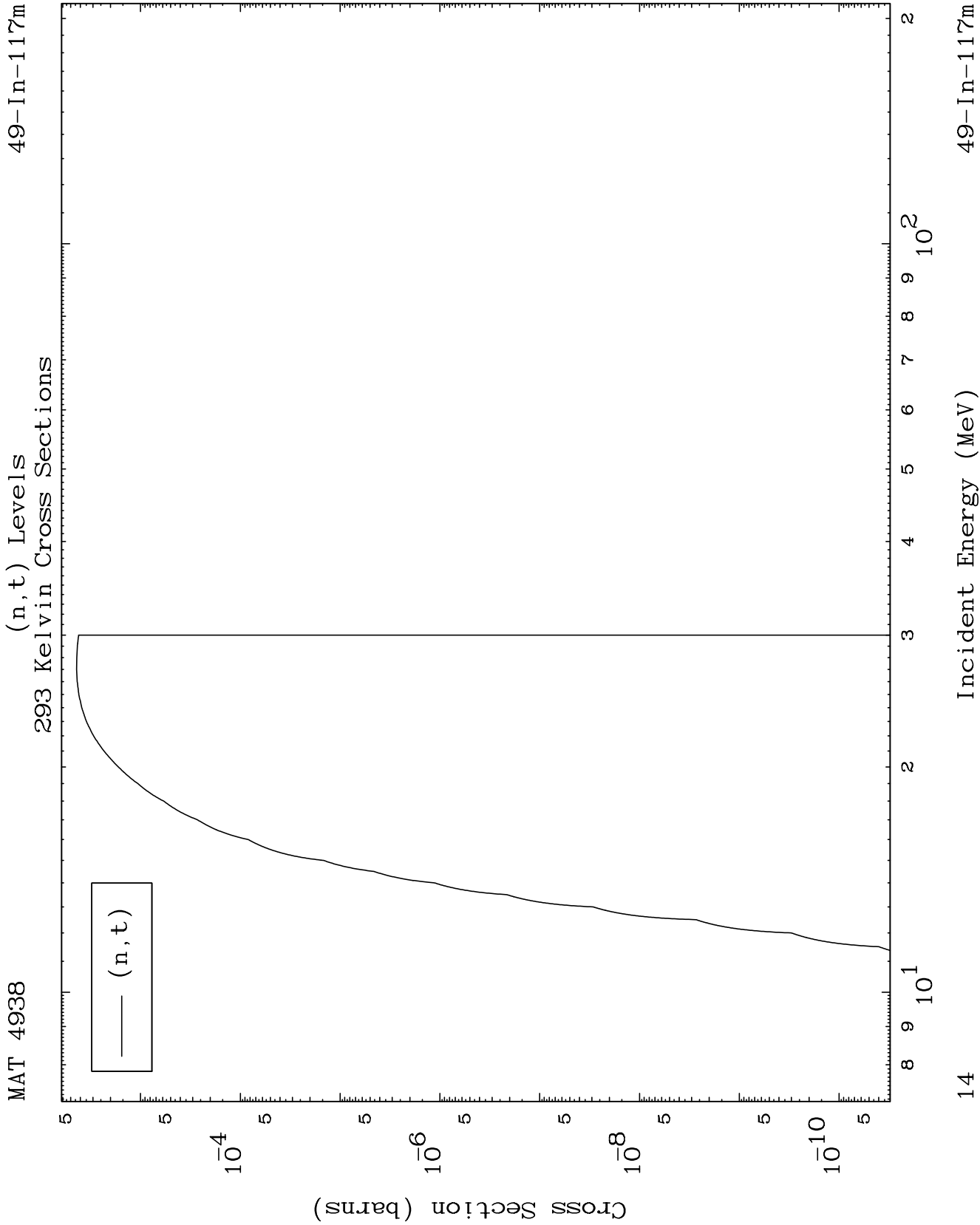
49-In-117m

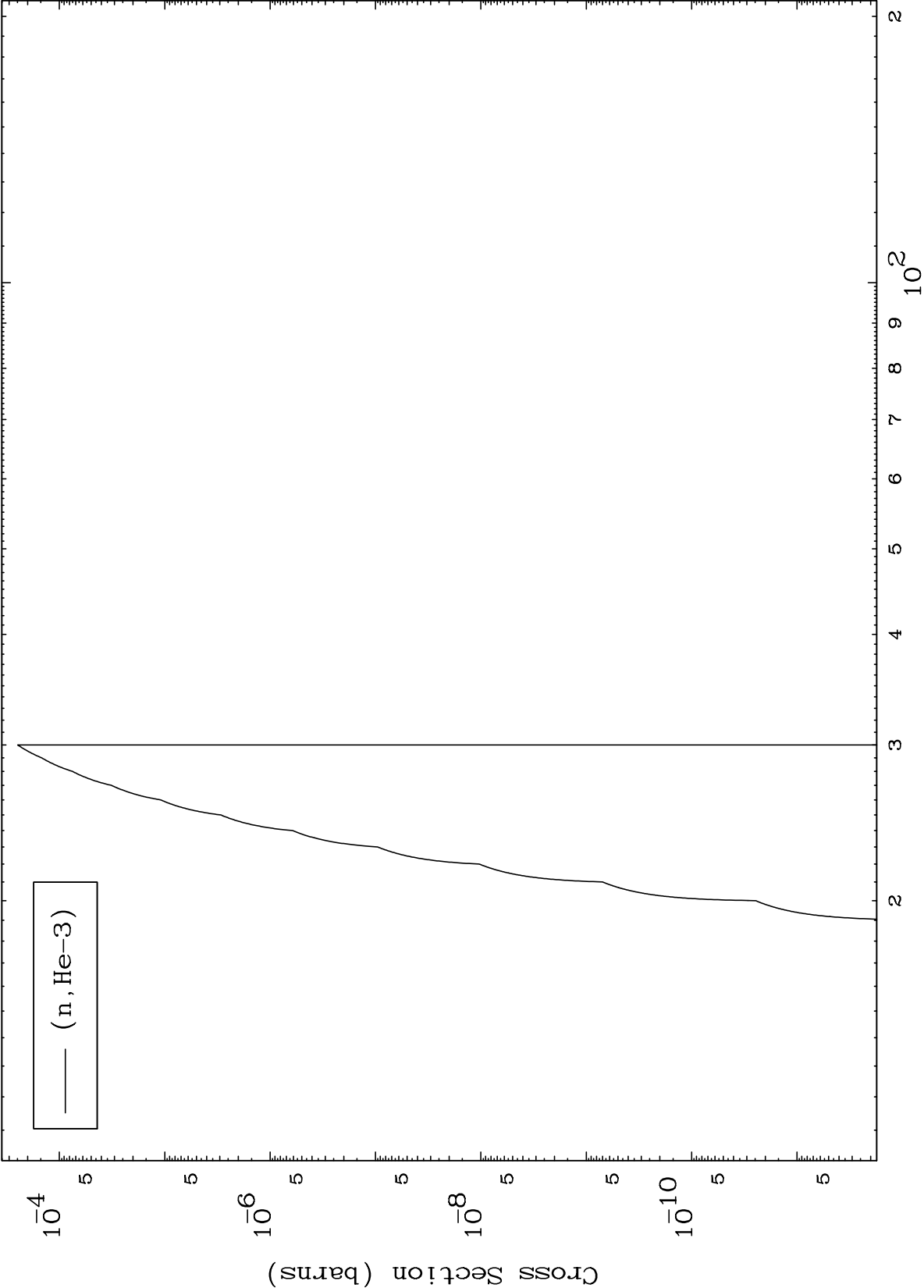


Incident Energy (MeV)

49-In-117m

13

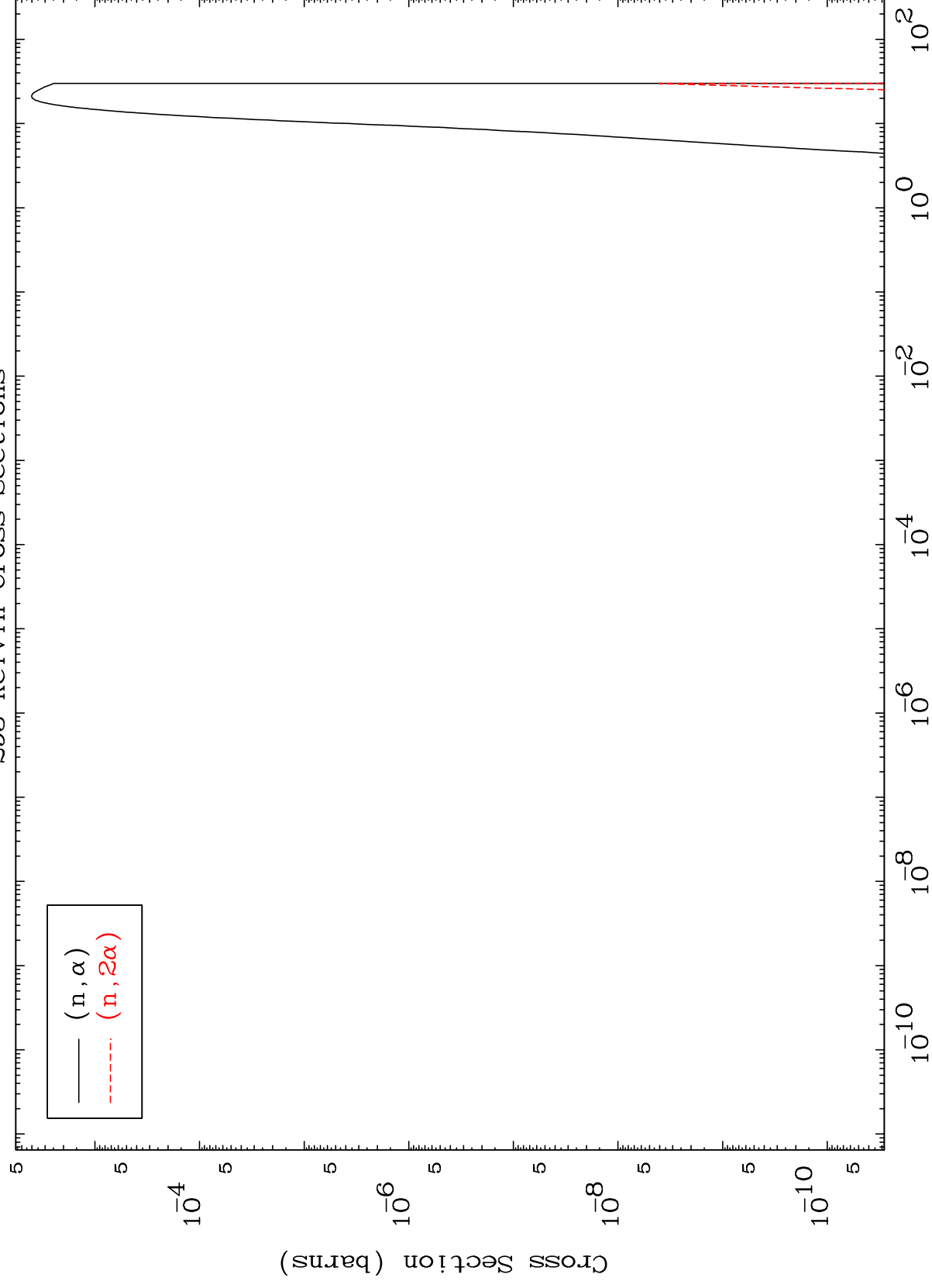




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(n, α) Levels
293 Kelvin Cross Sections

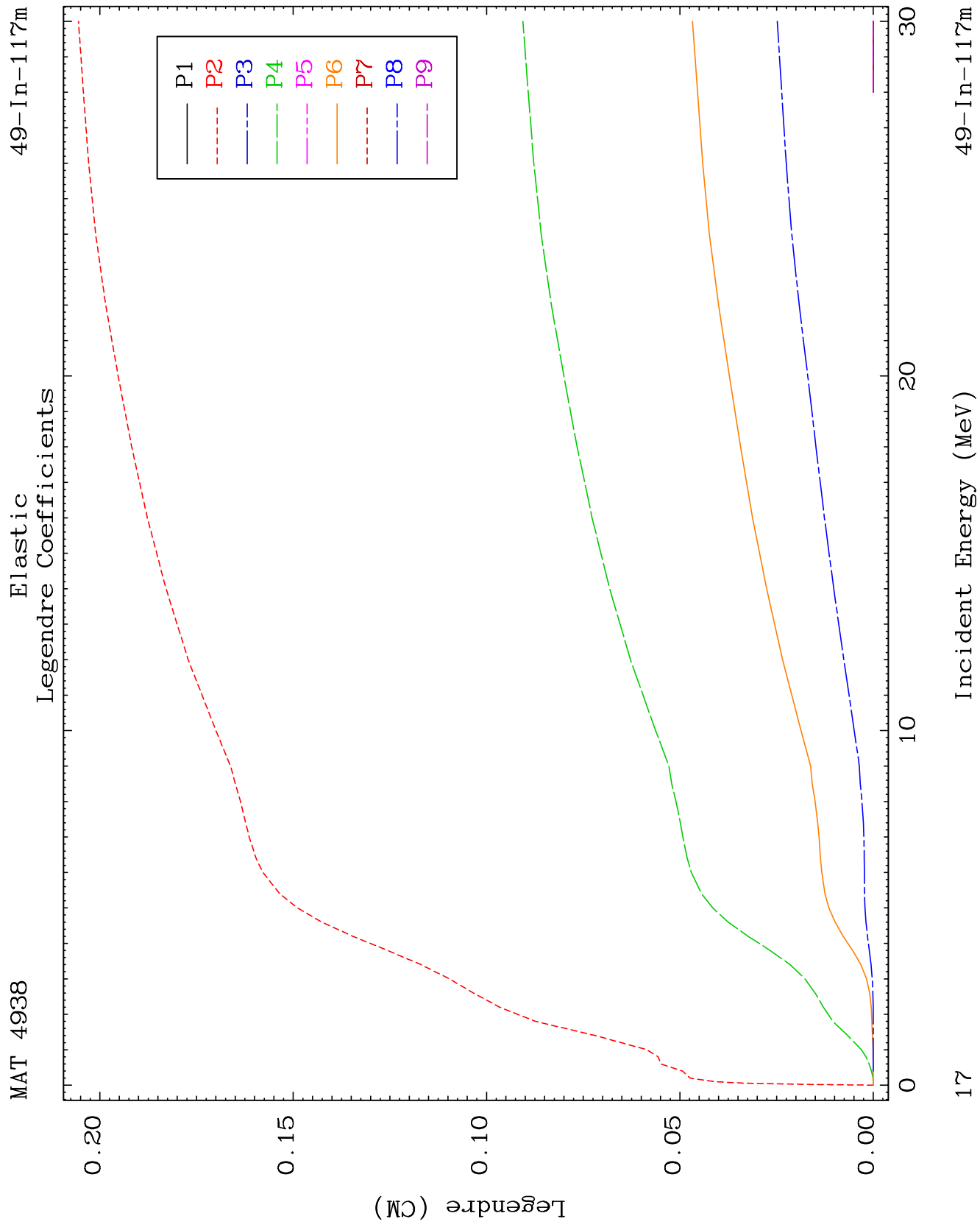
49-In-117m

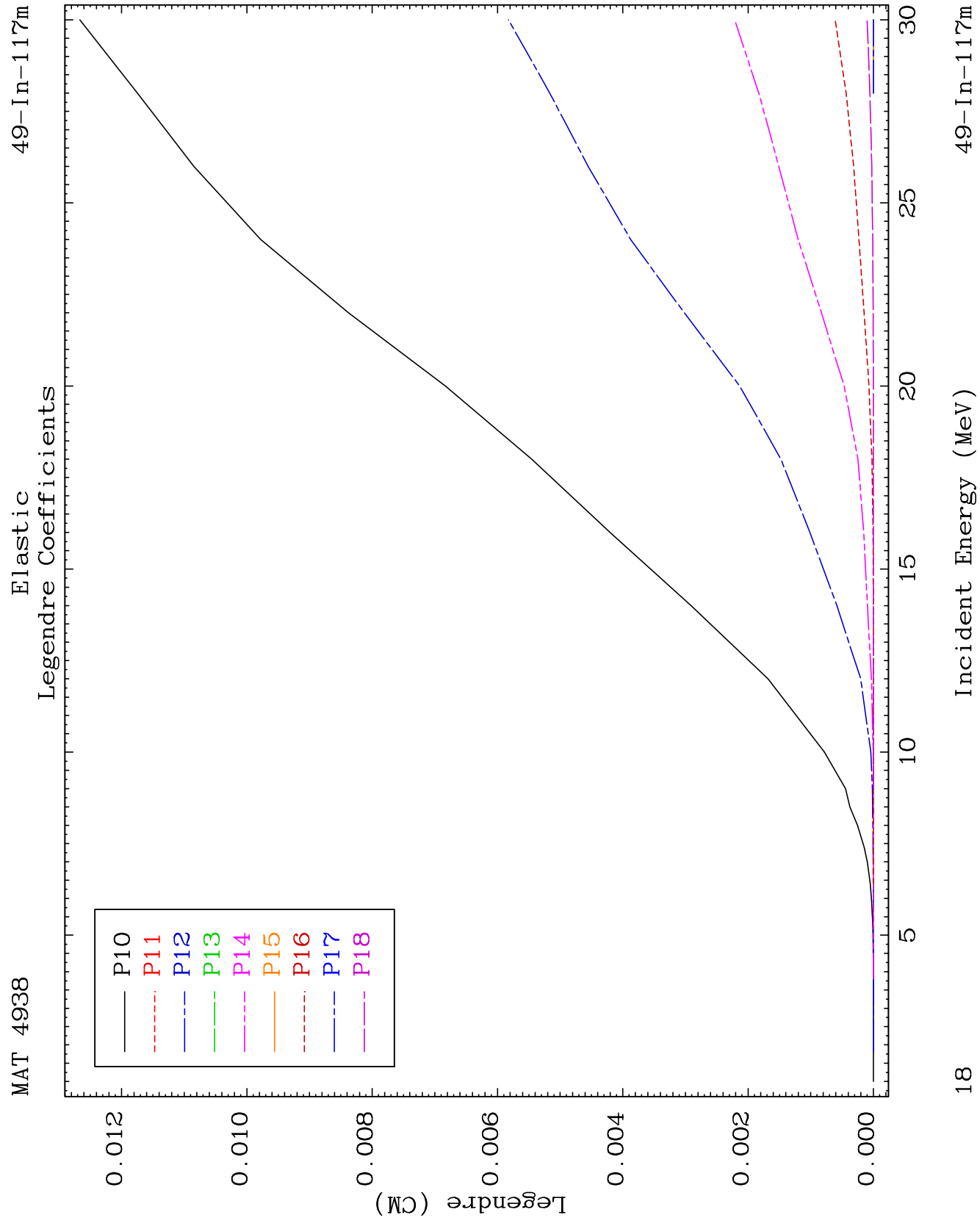


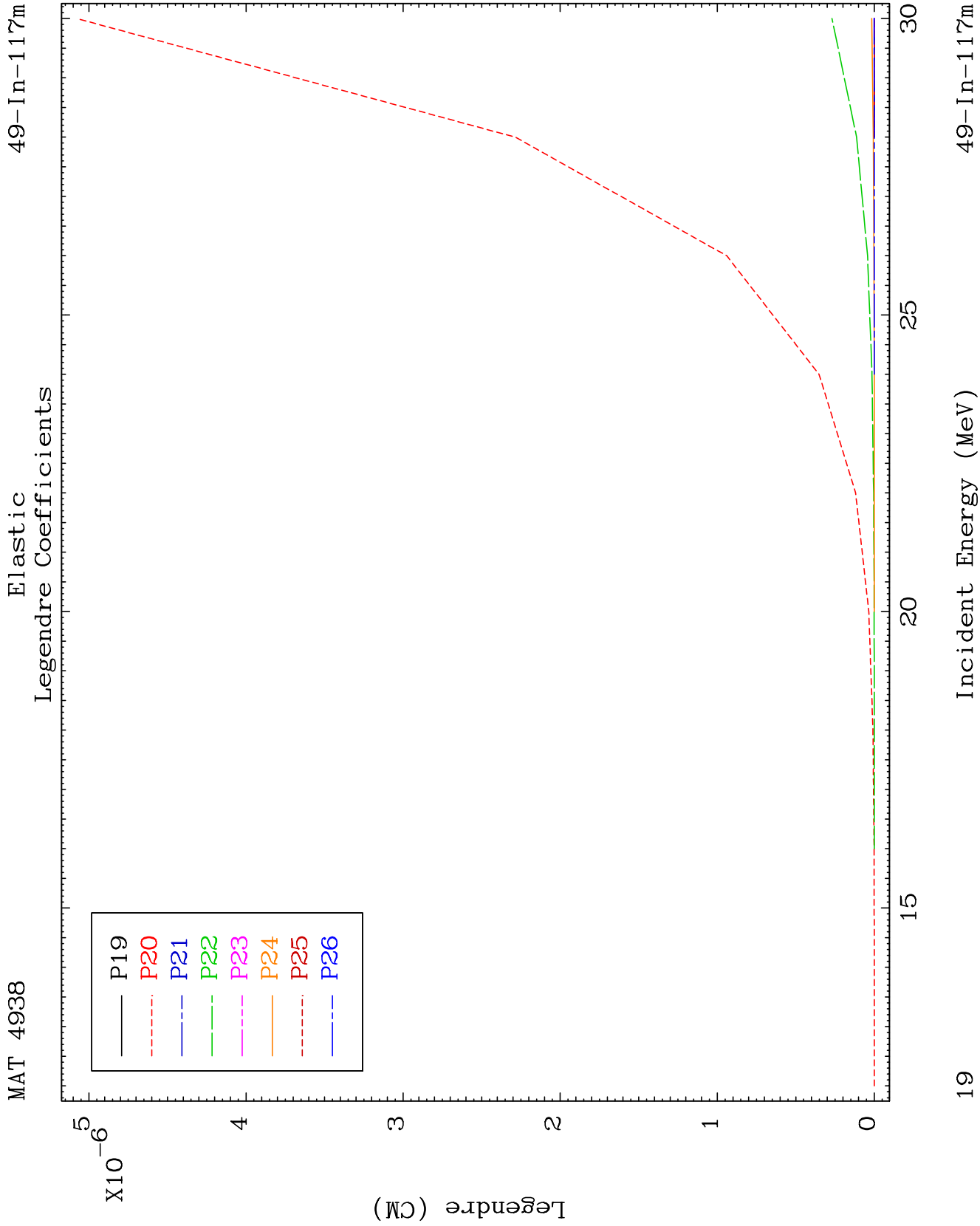
16

Incident Energy (MeV)

49-In-117m



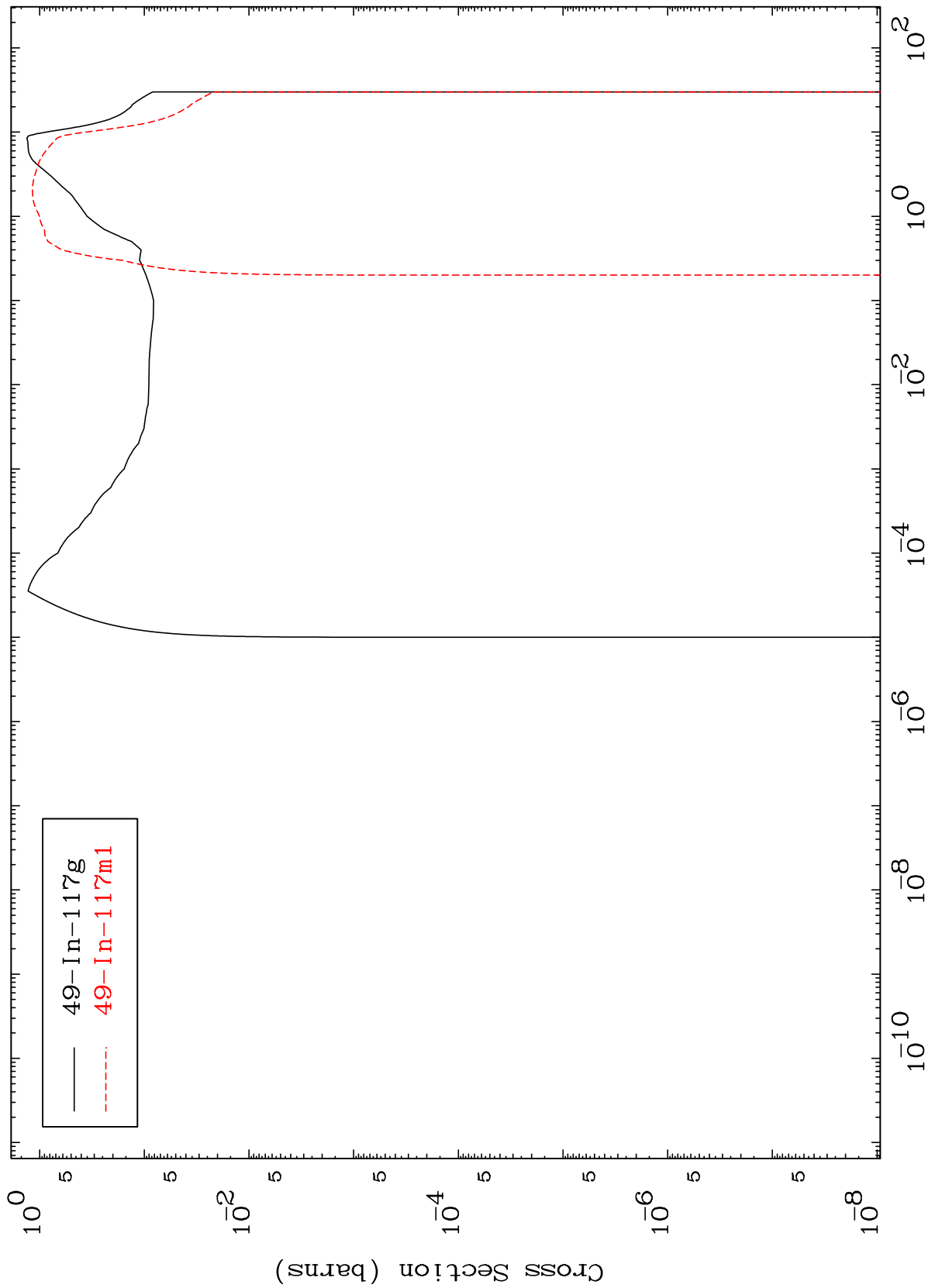


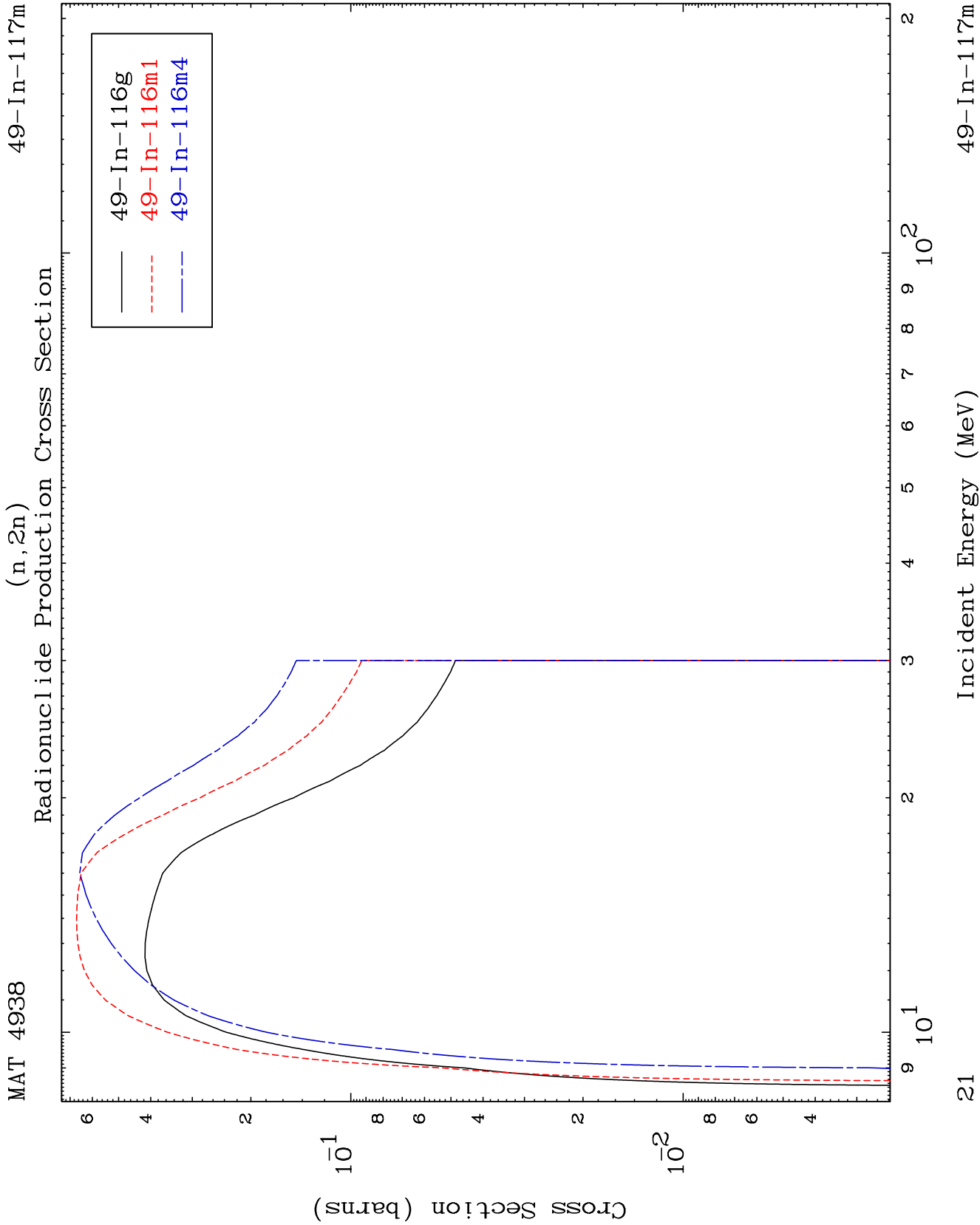


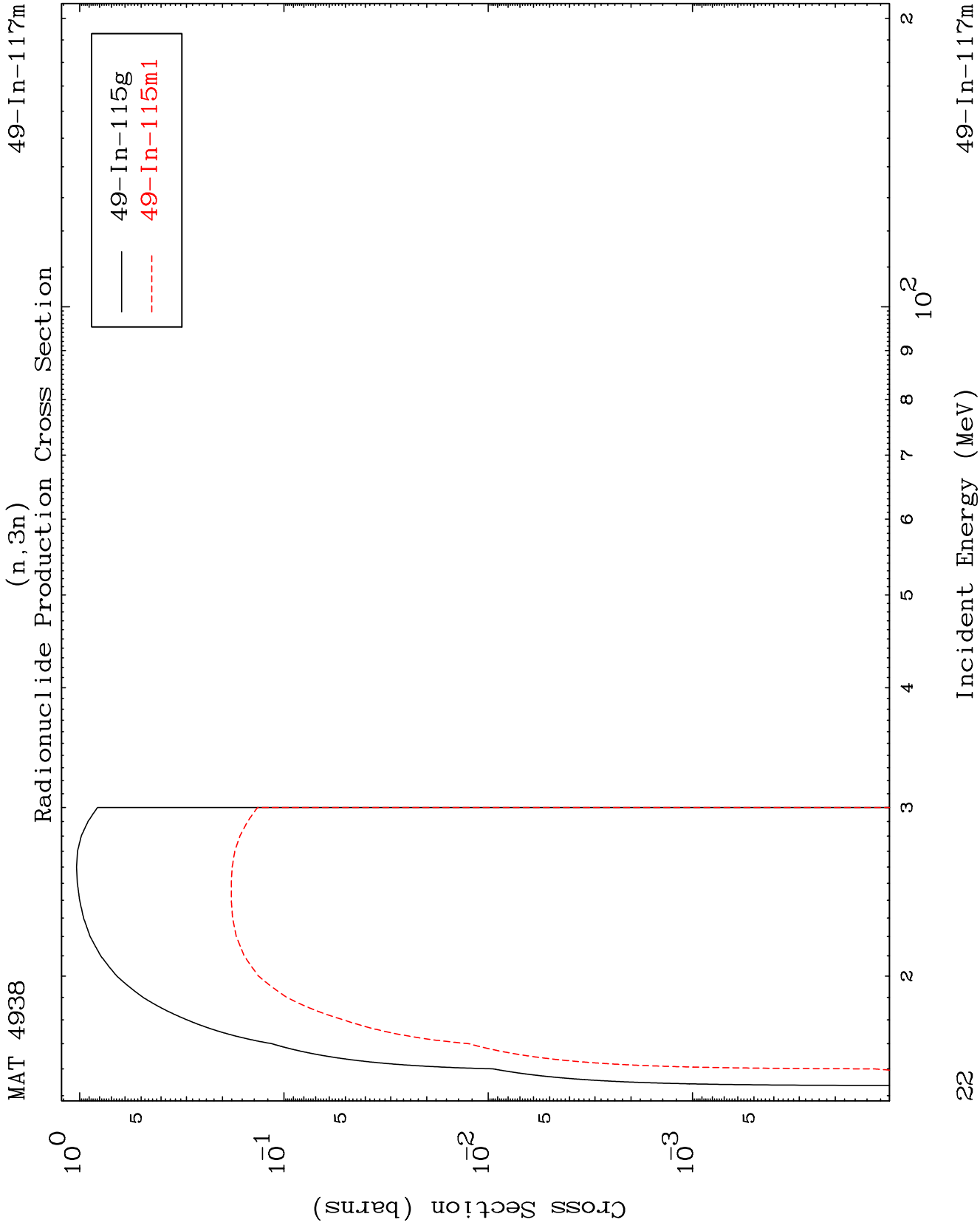
MAT 4938

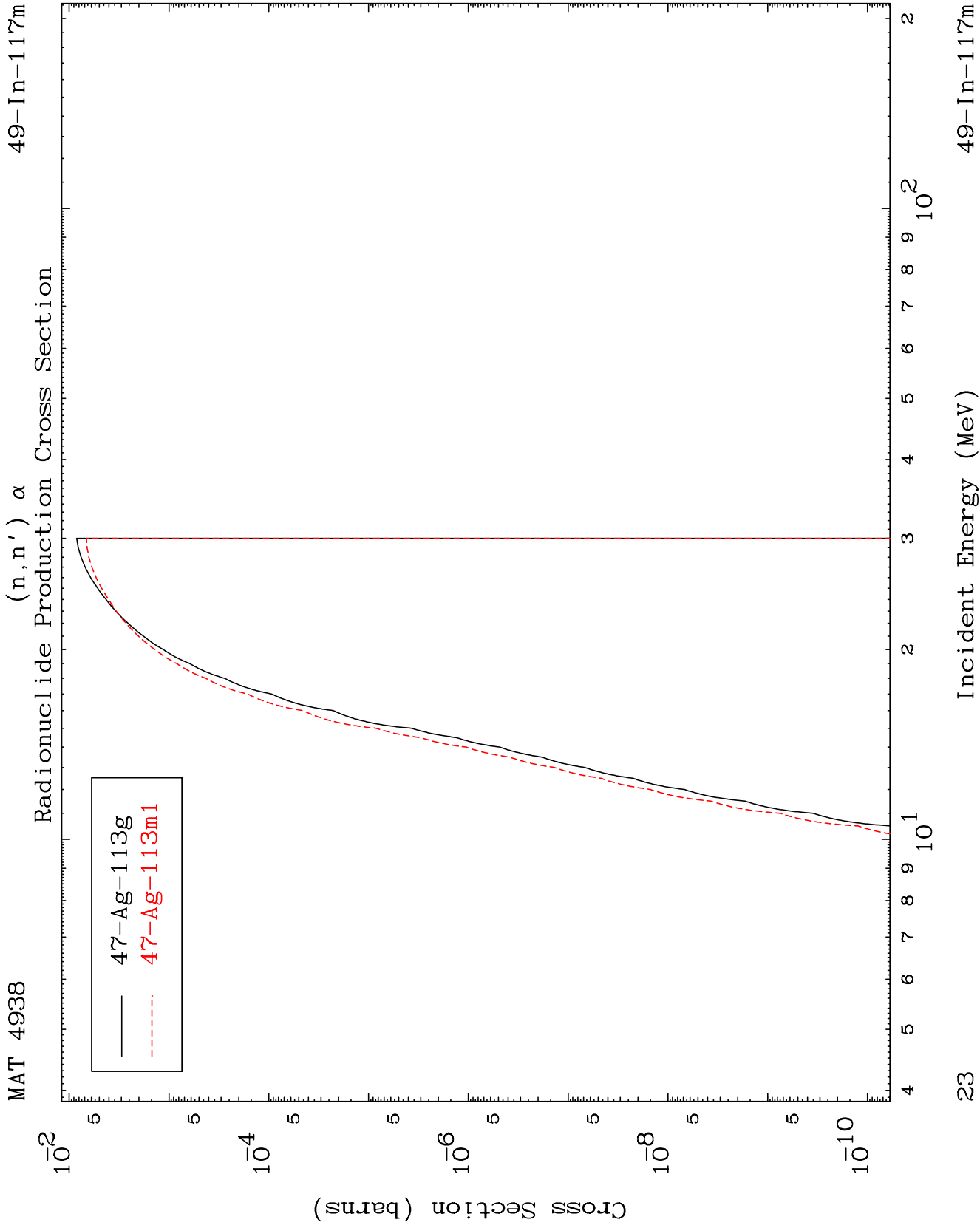
49-In-117m

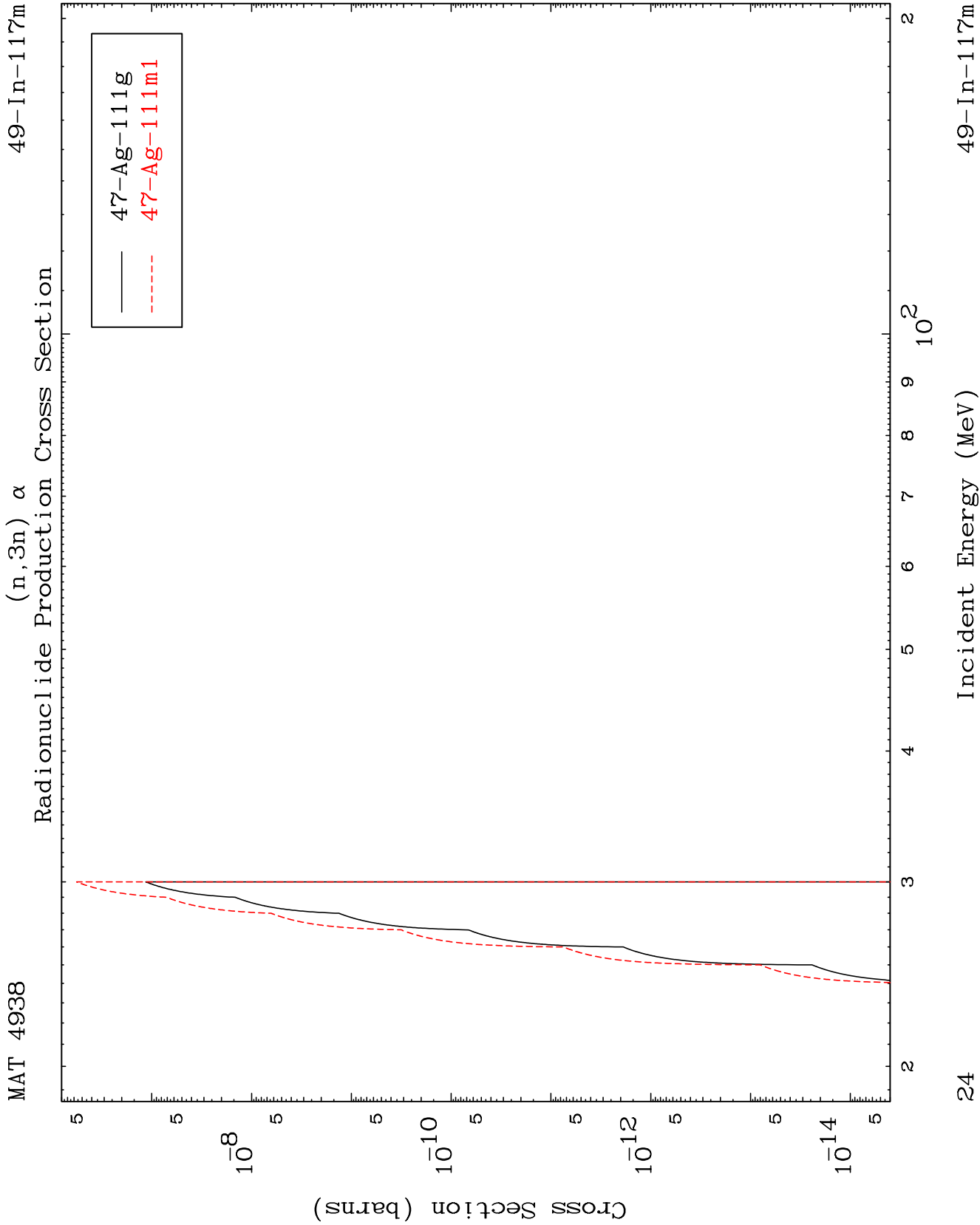
Inelastic
Radionuclide Production Cross Section



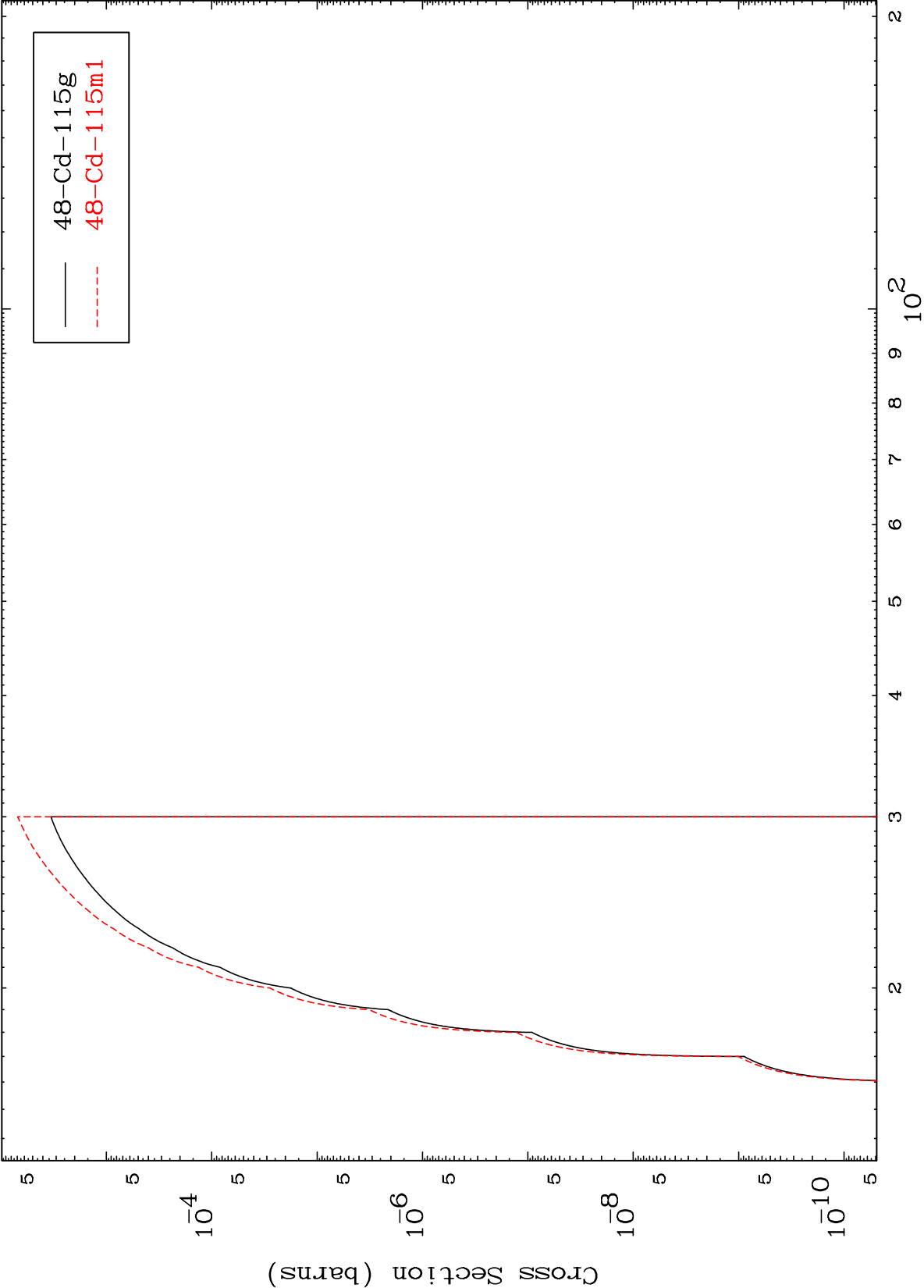








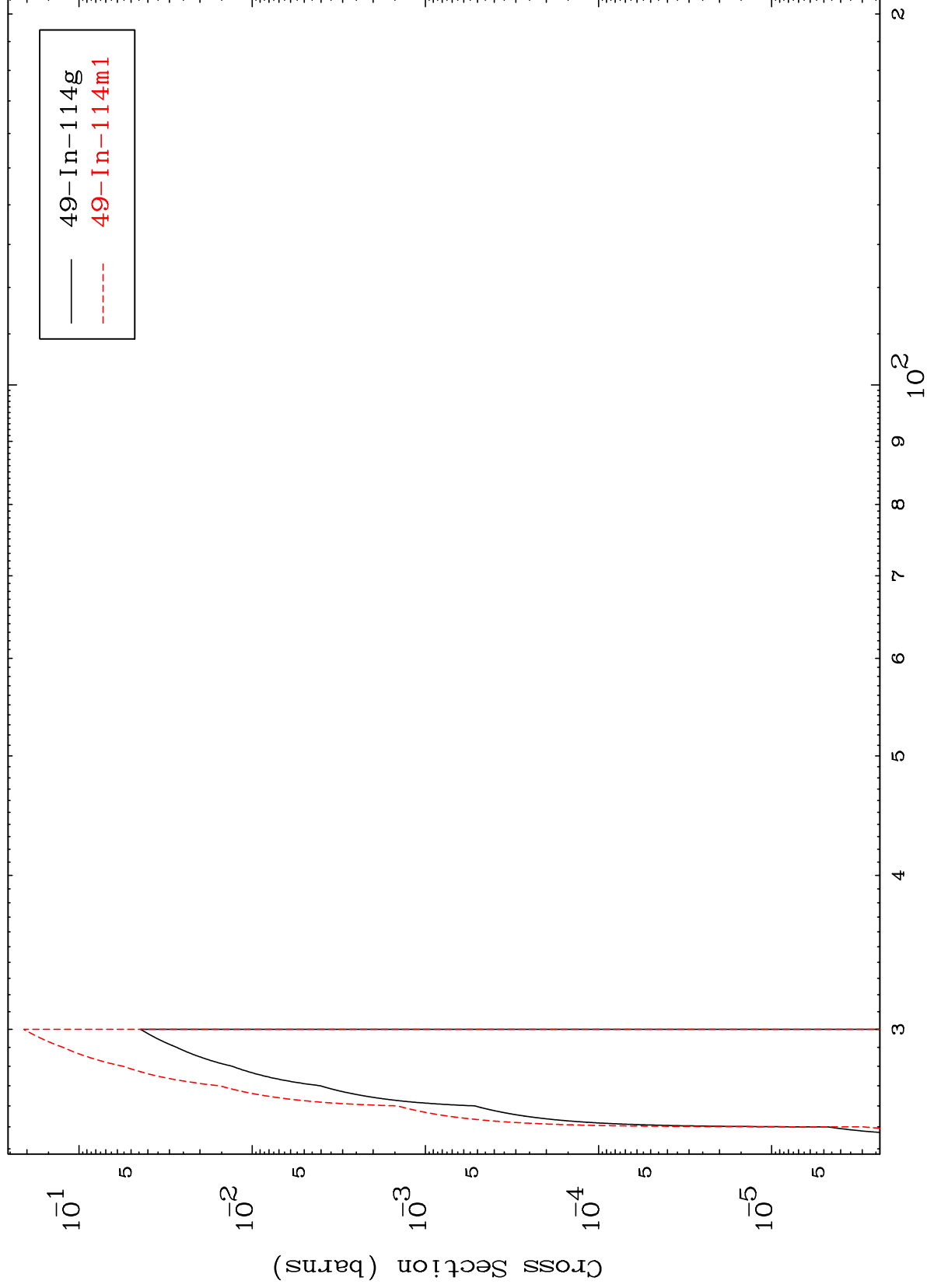
Radionuclide Production Cross Section



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49-In-117m

(n,4n)
Radionuclide Production Cross Section



49-In-117m

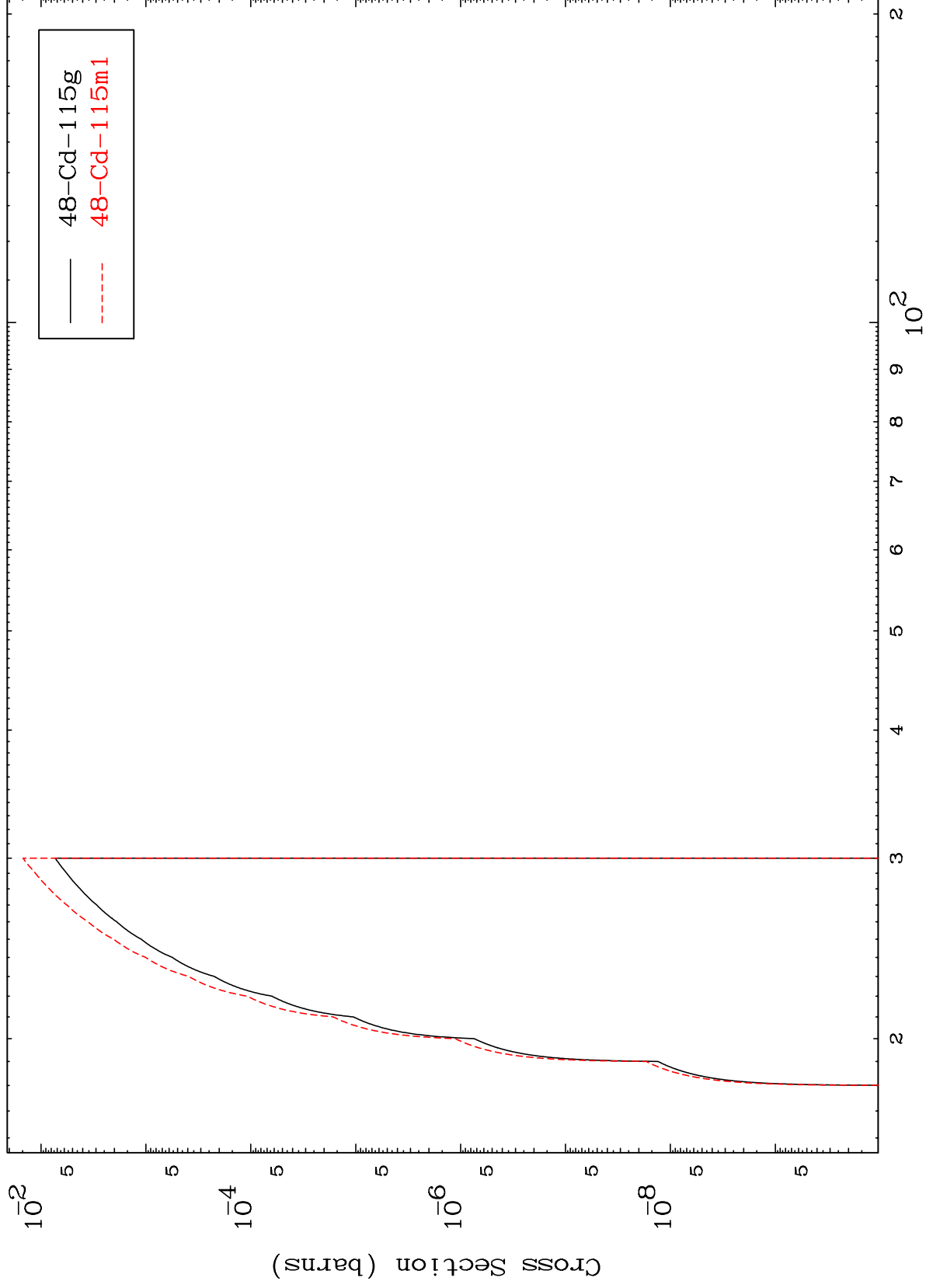
Incident Energy (MeV)

26

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49-In-117m

(n,2n) p
Radionuclide Production Cross Section



27

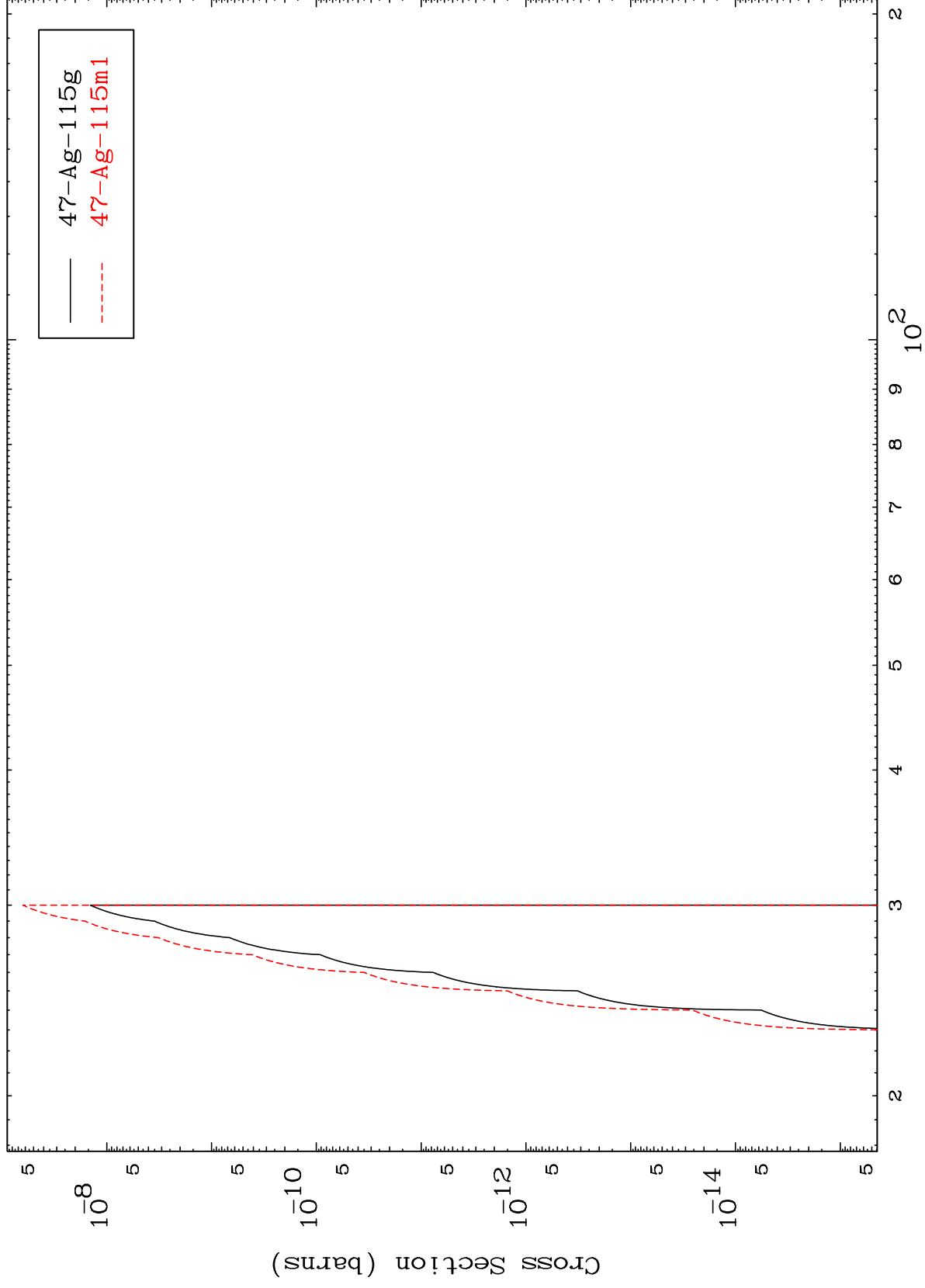
Incident Energy (MeV)

49-In-117m

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(n,2n) p 49-In-117m

Radionuclide Production Cross Section

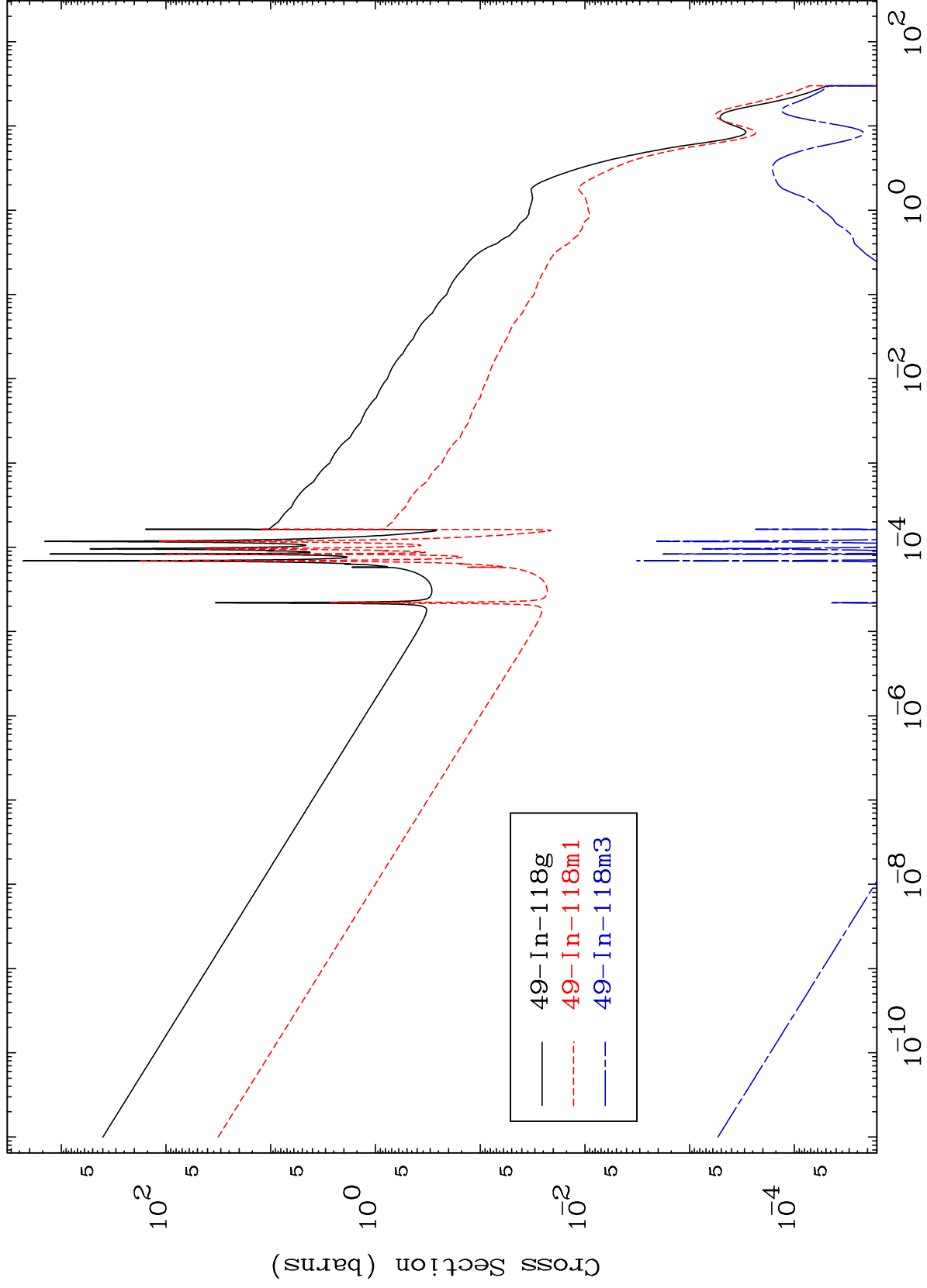


28

49-In-117m

Radionuclide Production Cross Section

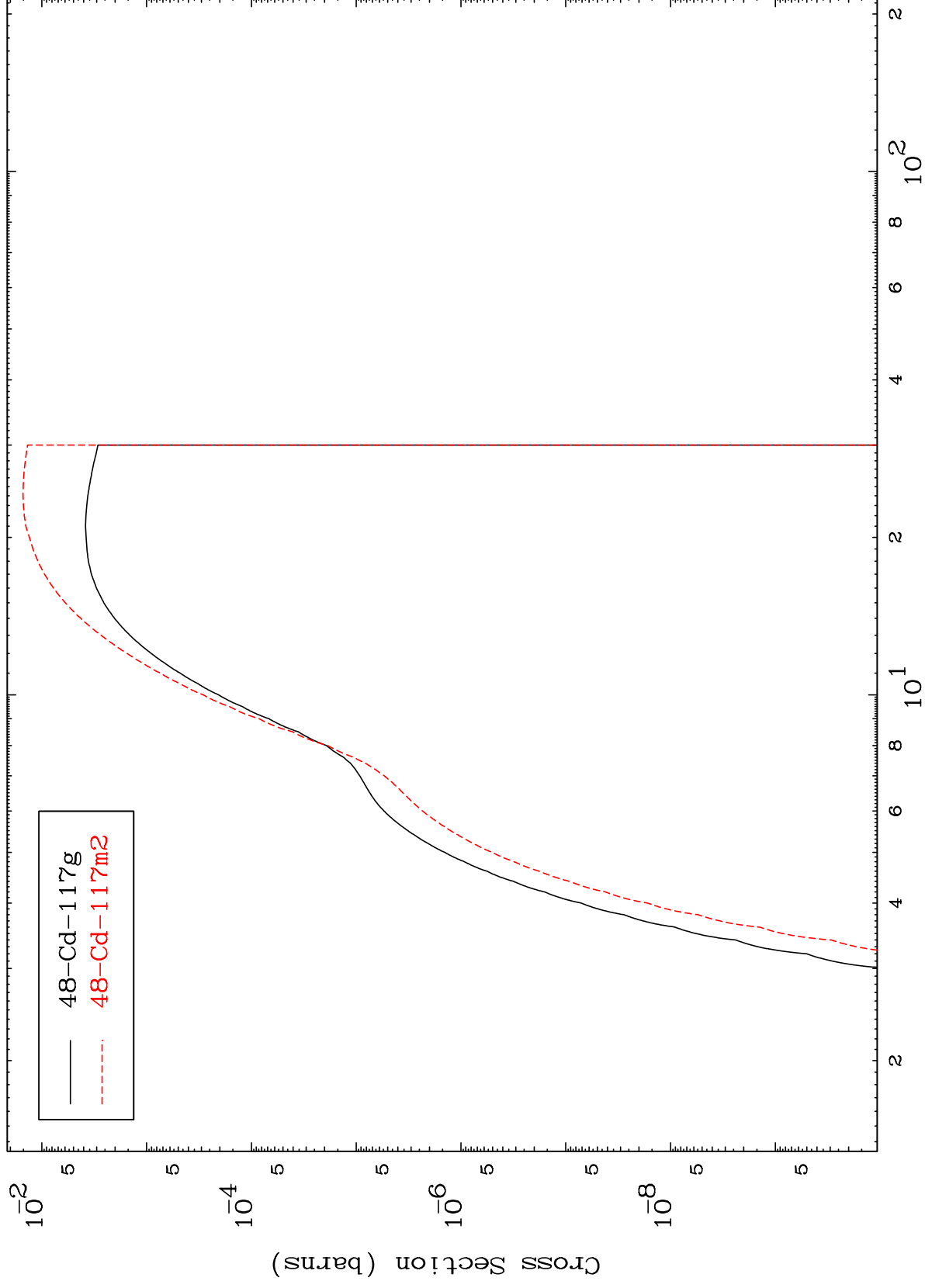
(n, γ)



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Radionuclide Production Cross Section
(n,p)

49-In-117m



30

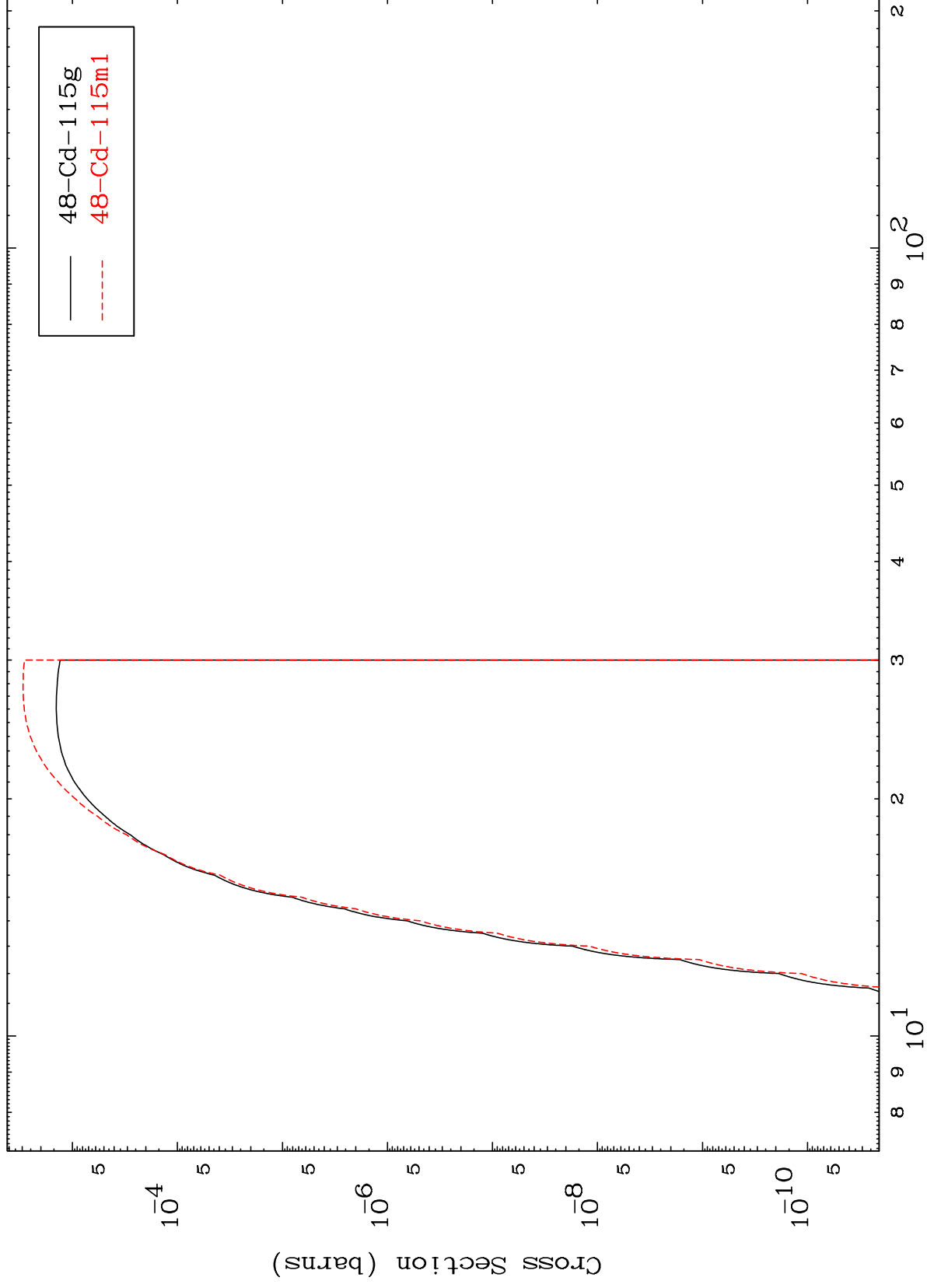
Incident Energy (MeV)

49-In-117m

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49-In-117m

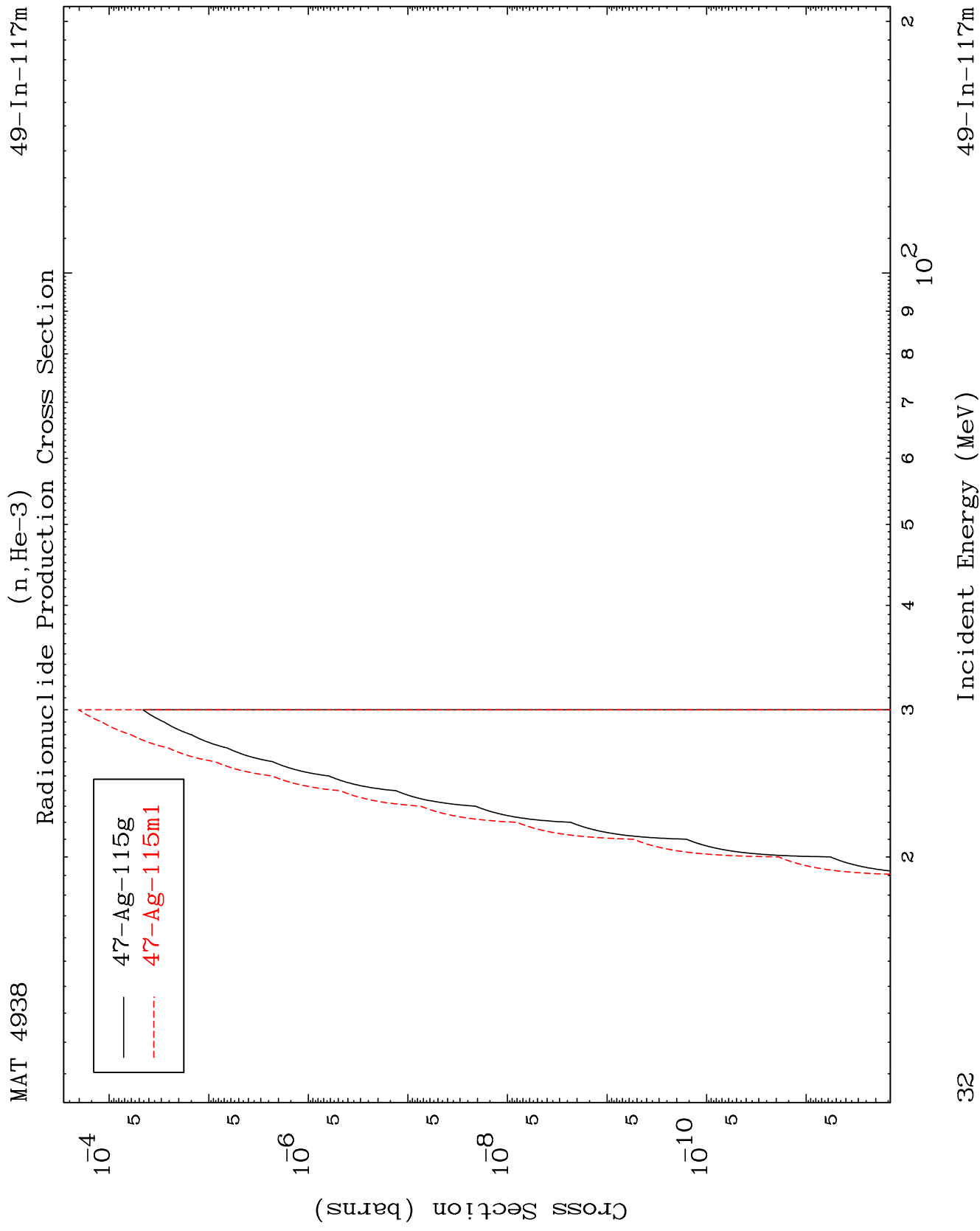
(n,t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

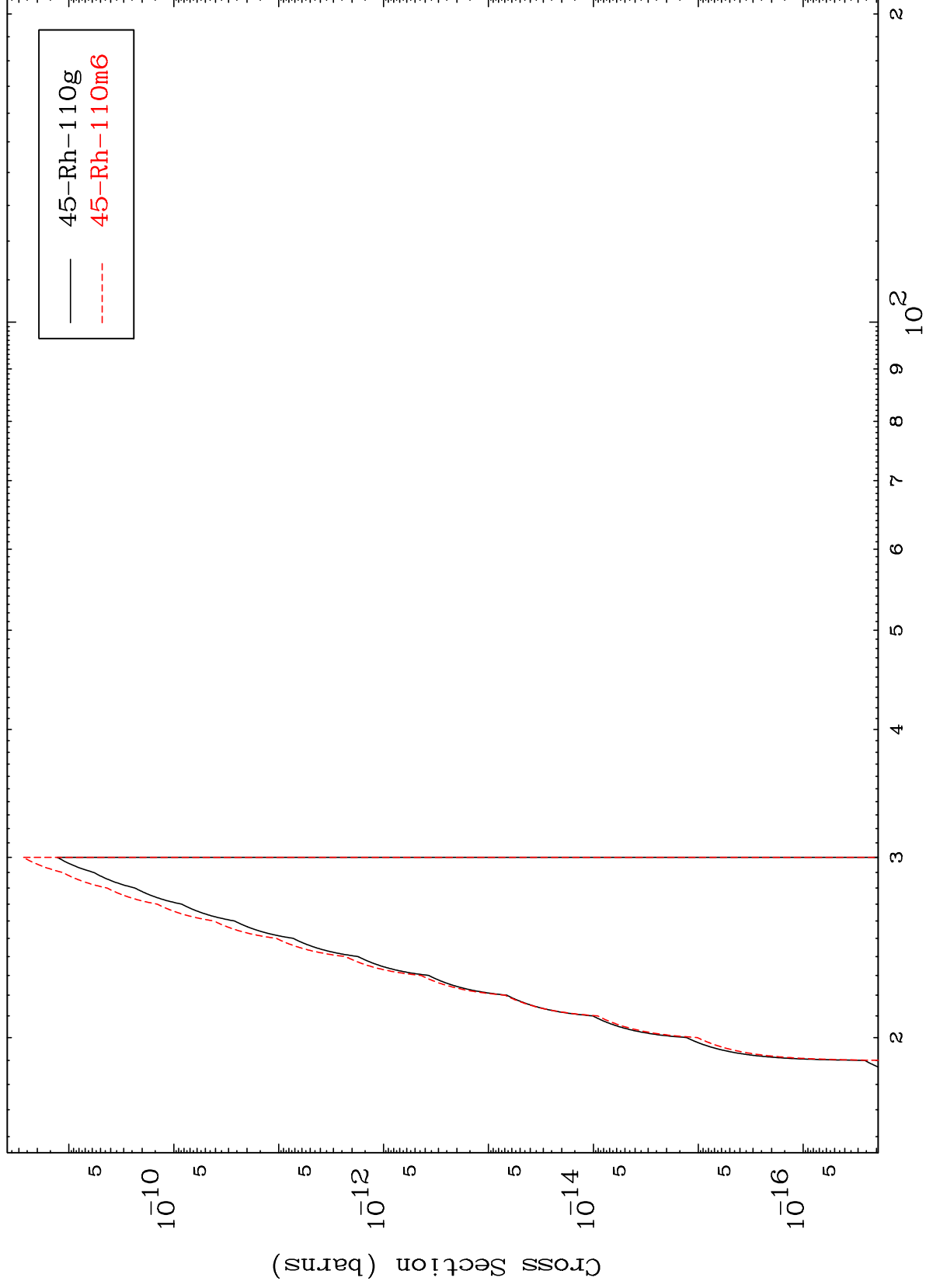
49-In-117m



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49-In-117m

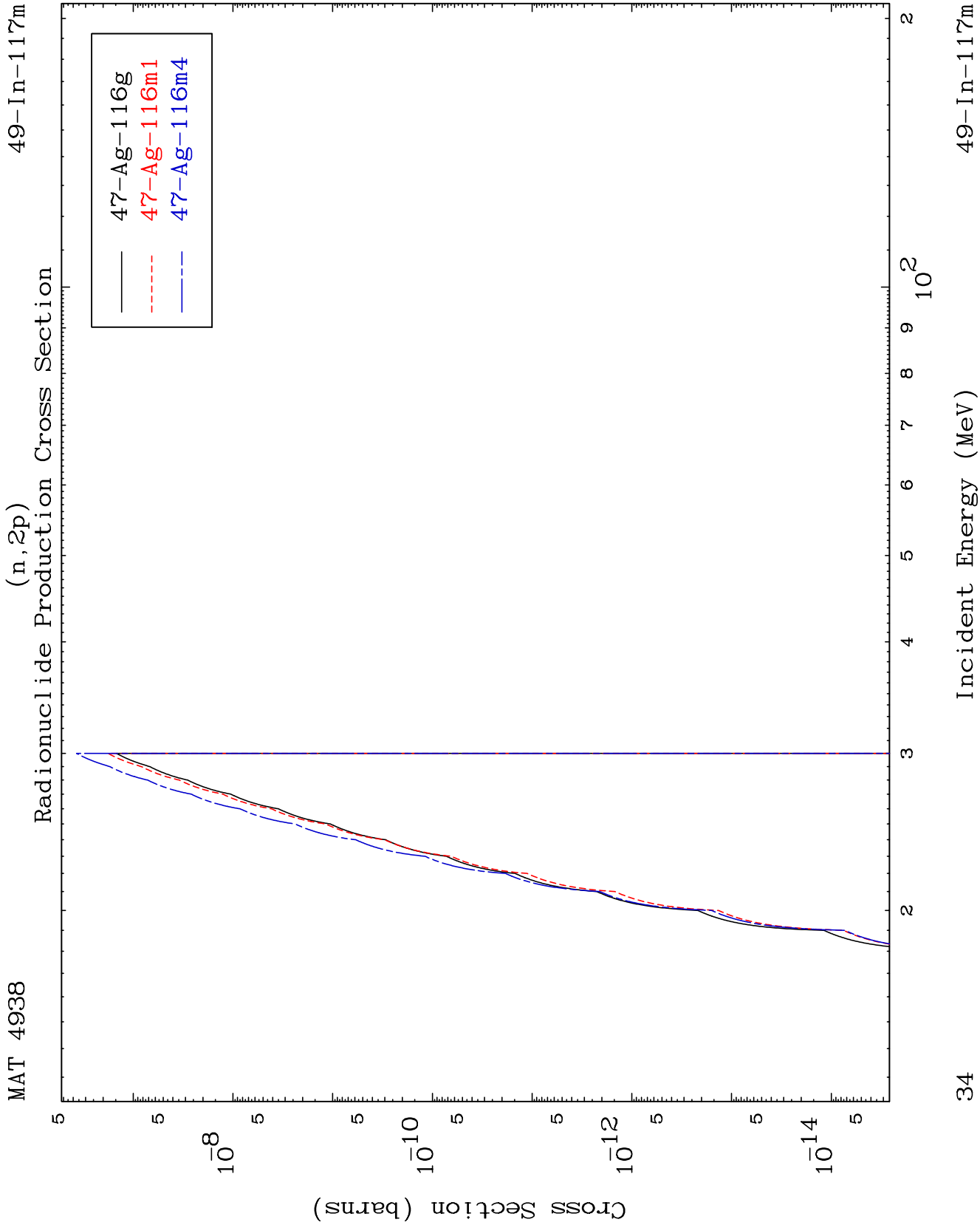
$(n, 2\alpha)$
Radionuclide Production Cross Section



33

Incident Energy (MeV)

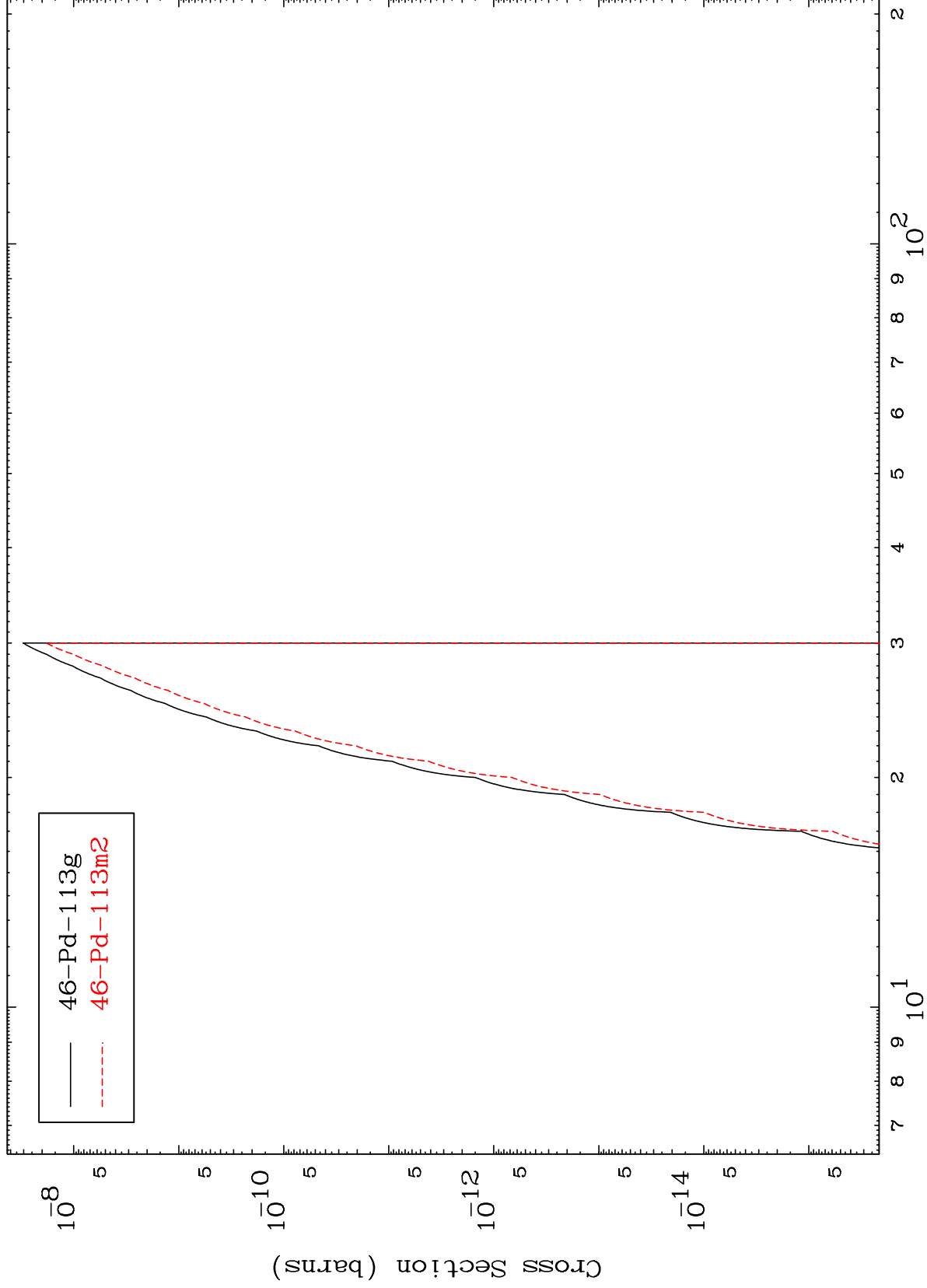
49-In-117m



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49-In-117m

(n,p) α
Radionuclide Production Cross Section



49-In-117m

Incident Energy (MeV)

35

(n,p) d
Radionuclide Production Cross Section

