

Program EVALPLOT
(Version 2021-1)

by

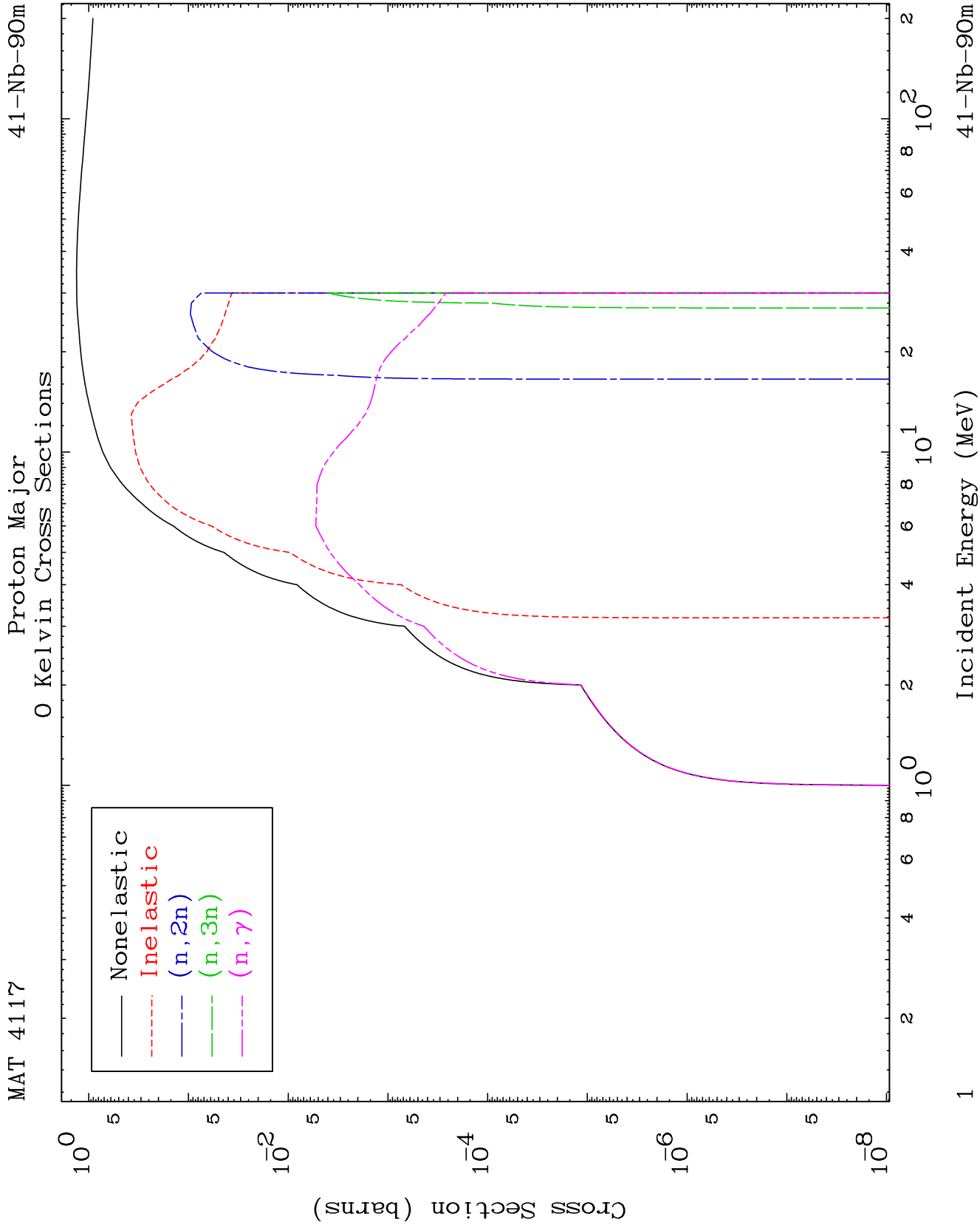
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

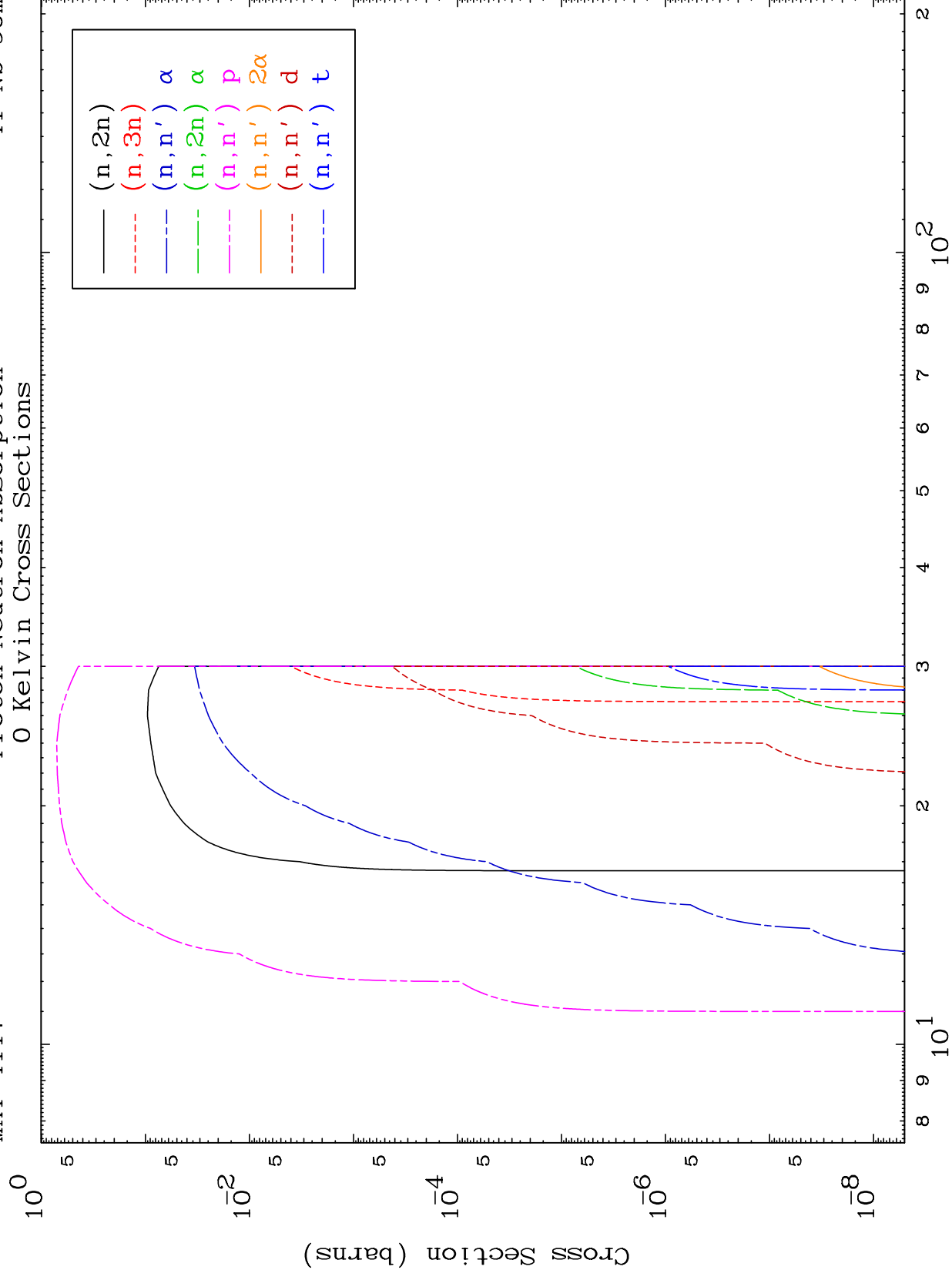
Press Mouse Button to Start



MAT 4117

Proton Neutron Absorption 0 Kelvin Cross Sections

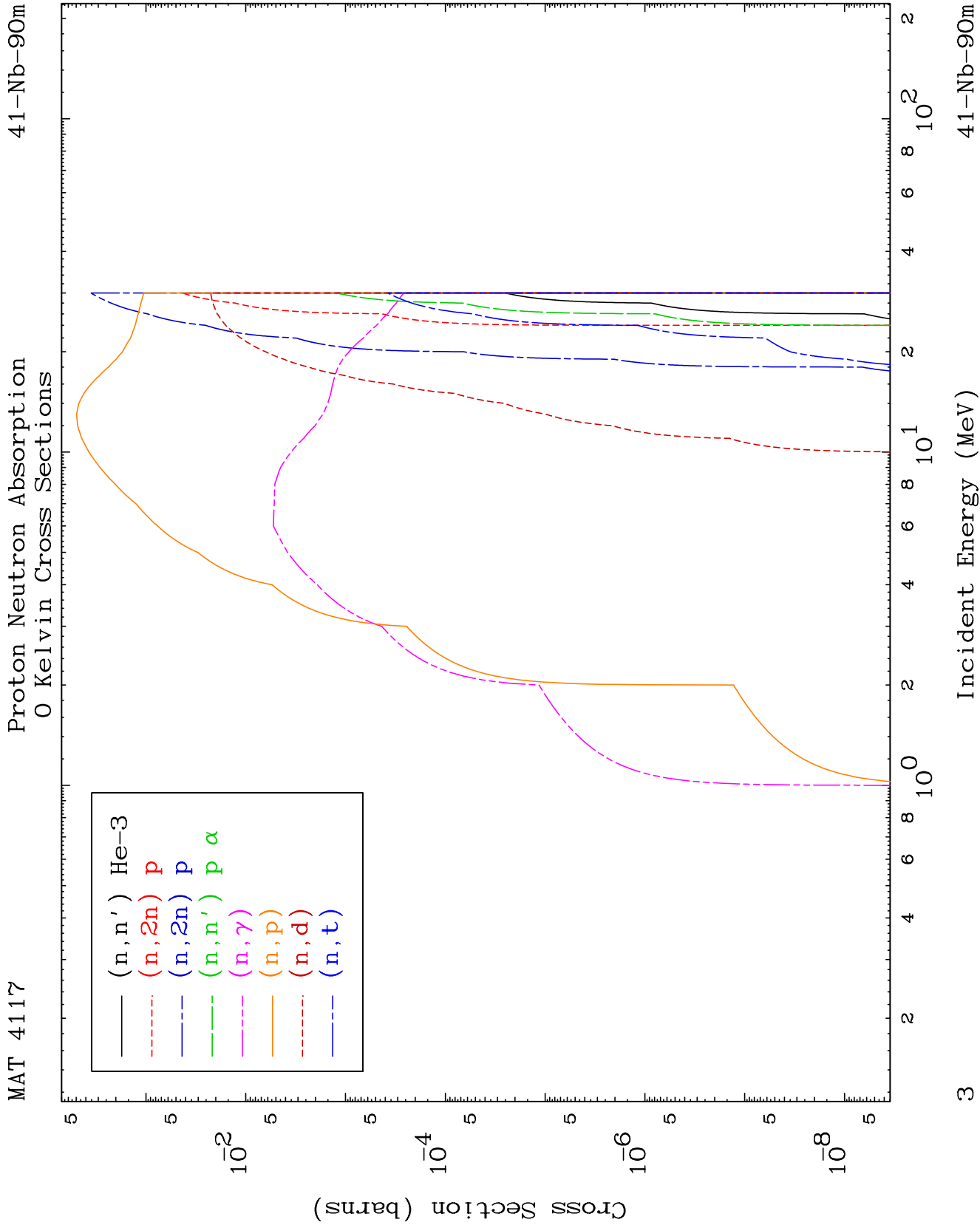
41-Nb-90m

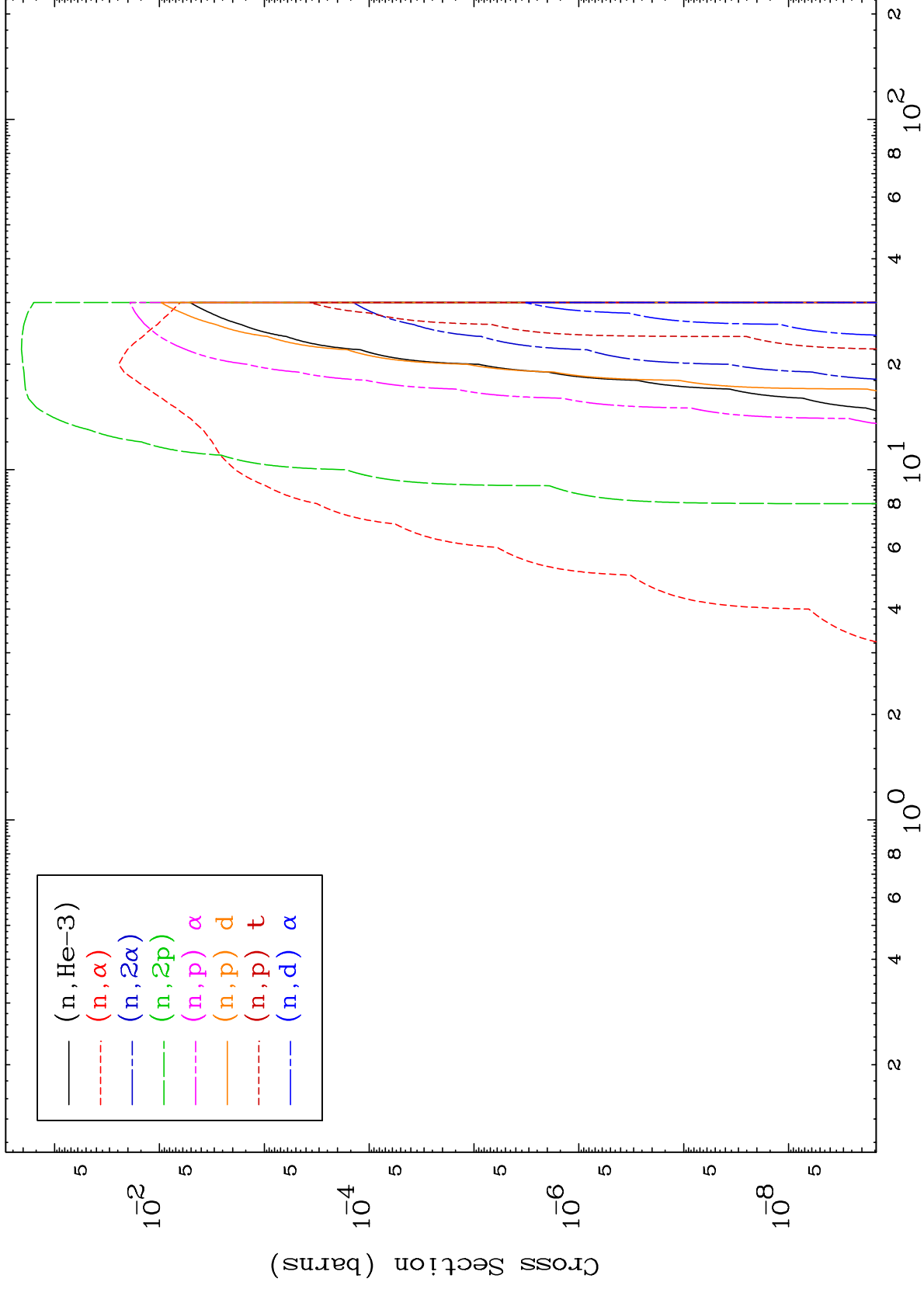


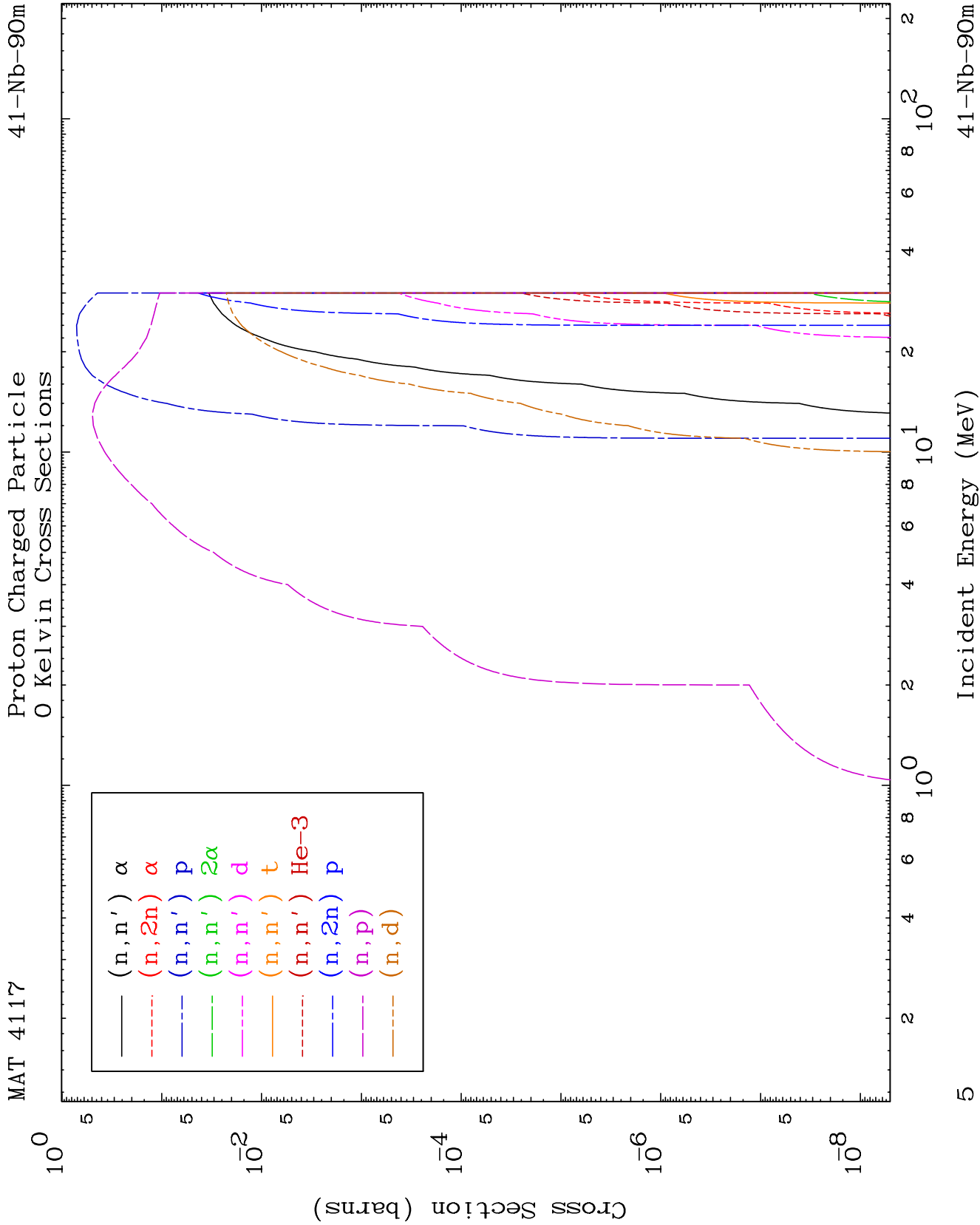
2

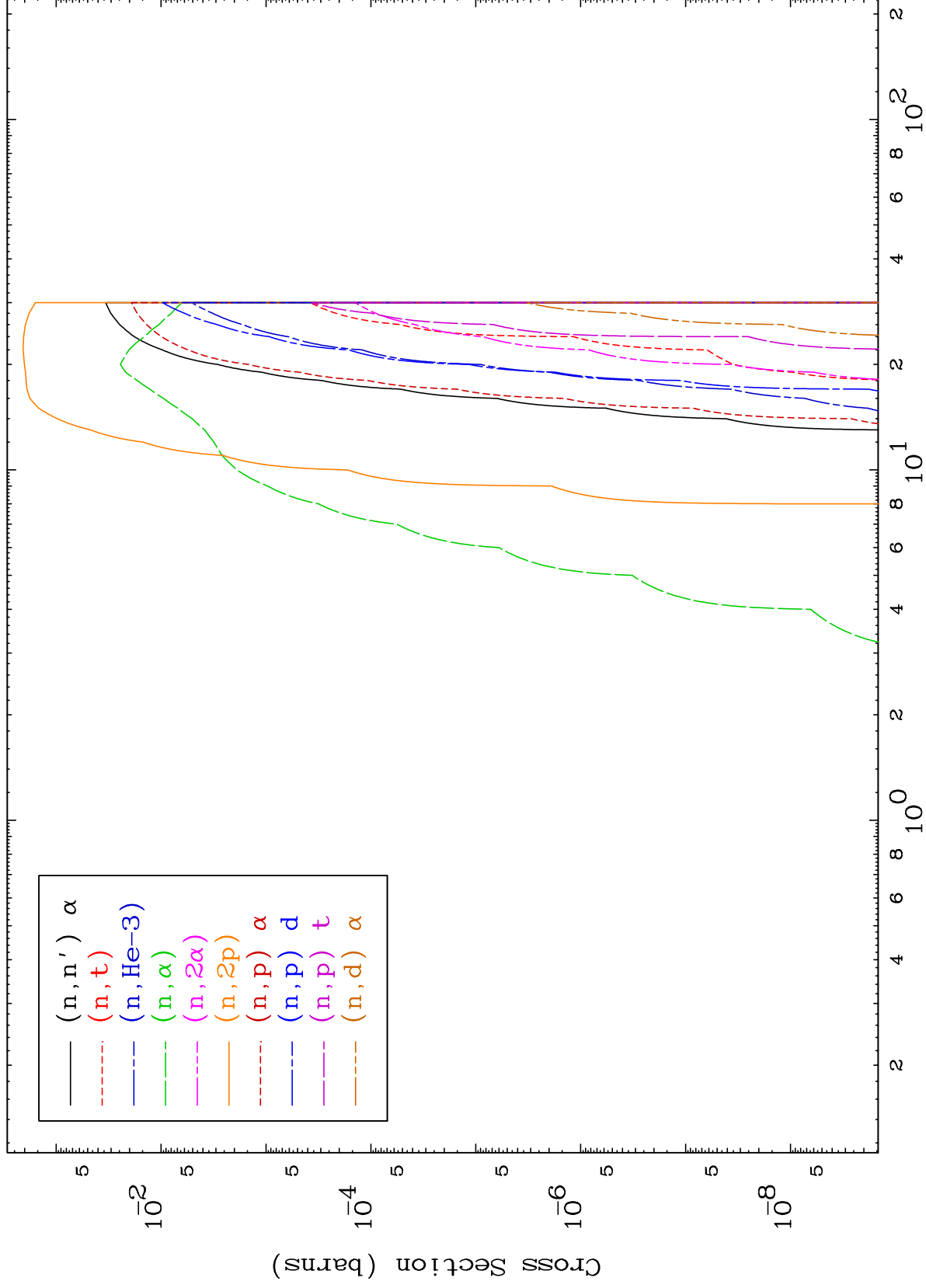
Incident Energy (MeV)

41-Nb-90m





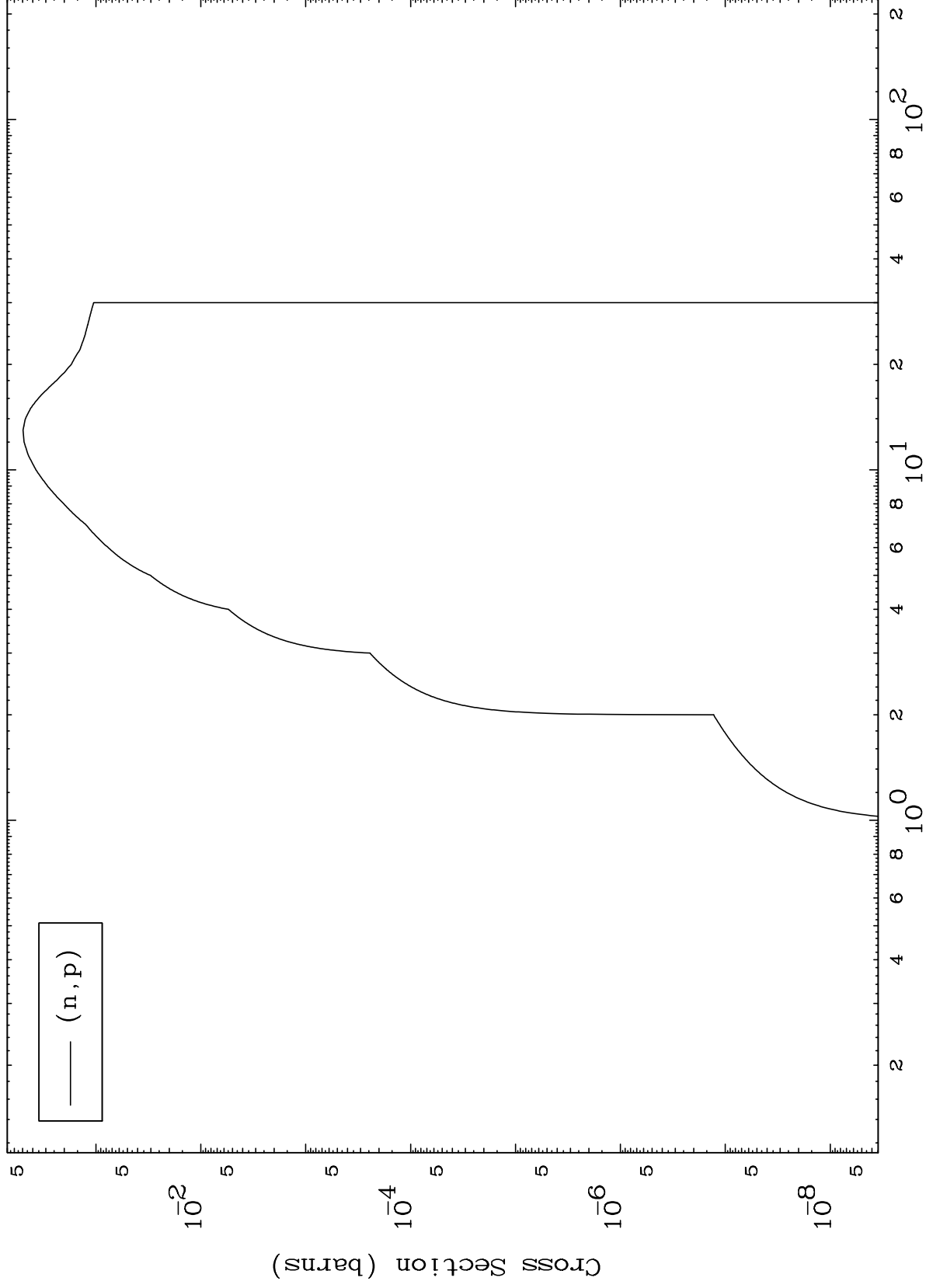




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41-Nb-90m

(p,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

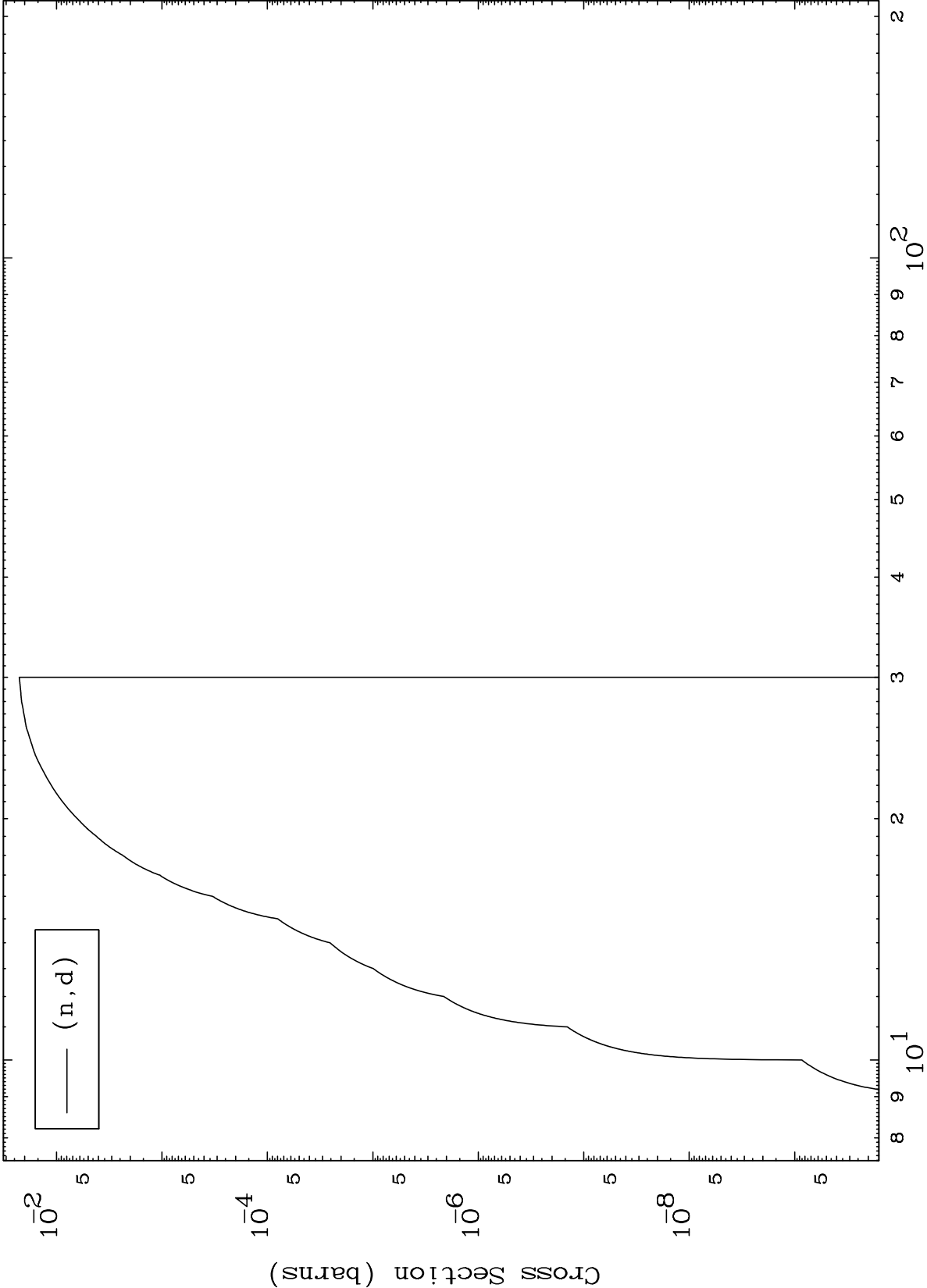
41-Nb-90m

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(p,d) Levels

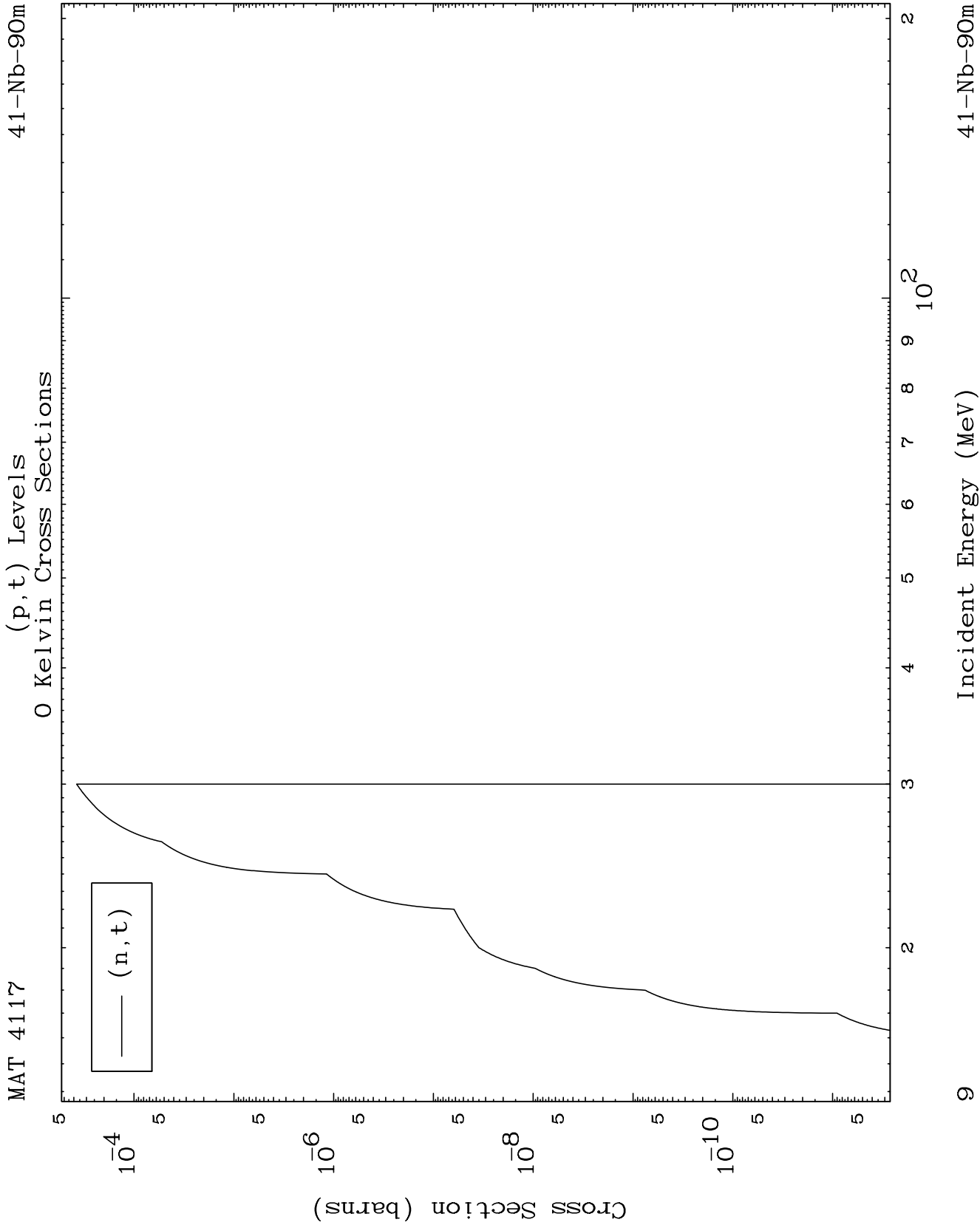
41-Nb-90m

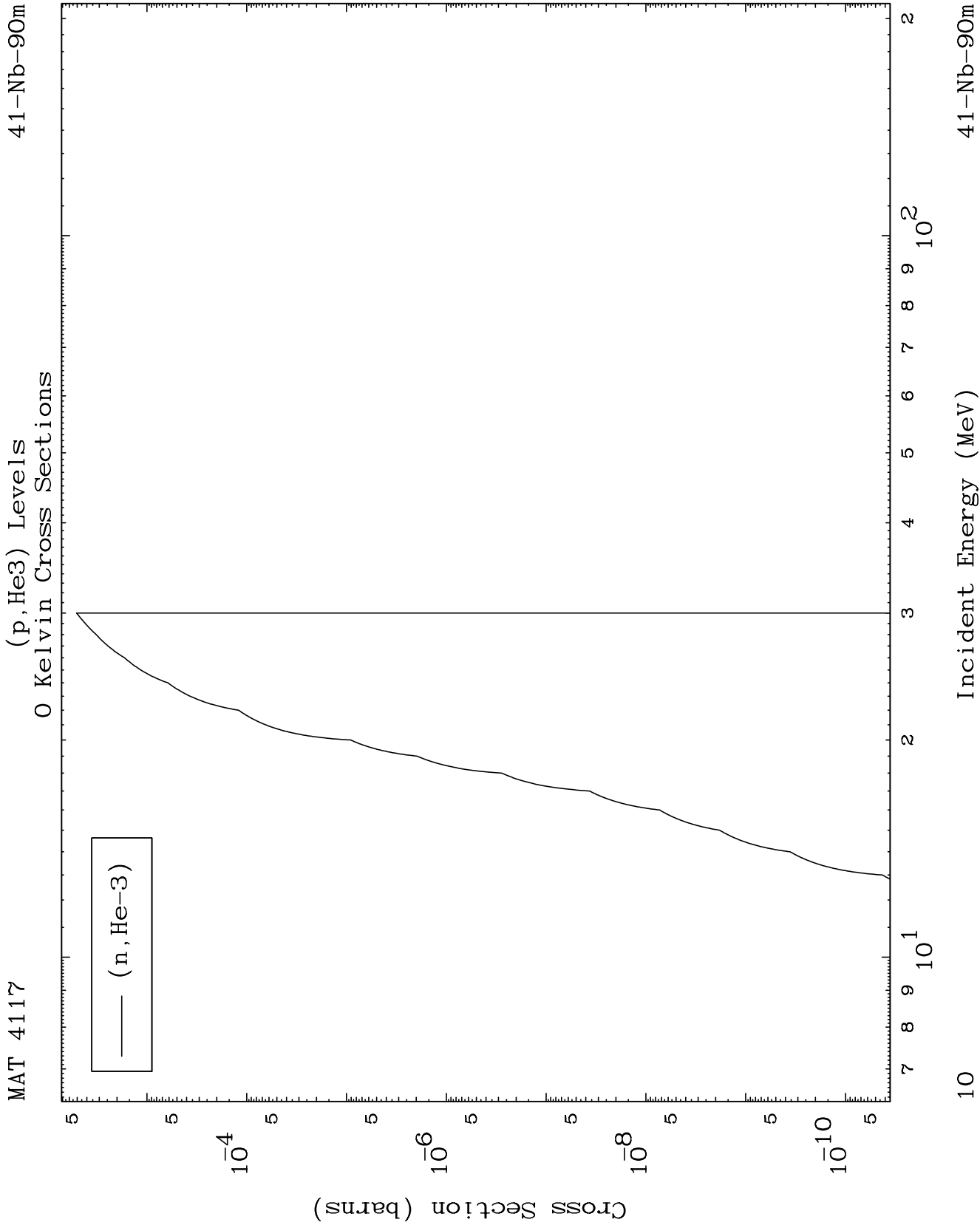
0 Kelvin Cross Sections



Incident Energy (MeV)

41-Nb-90m

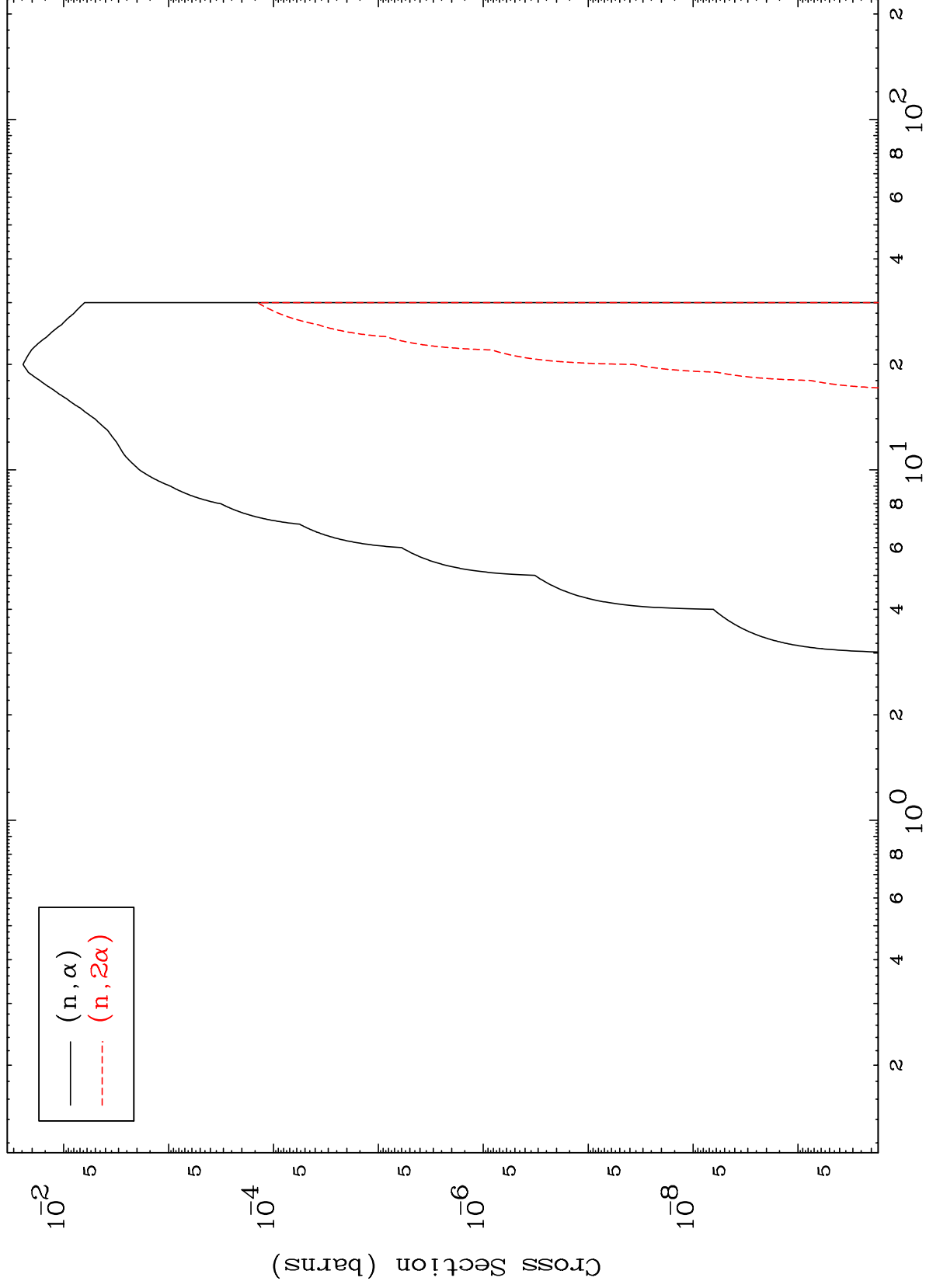




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41-Nb-90m

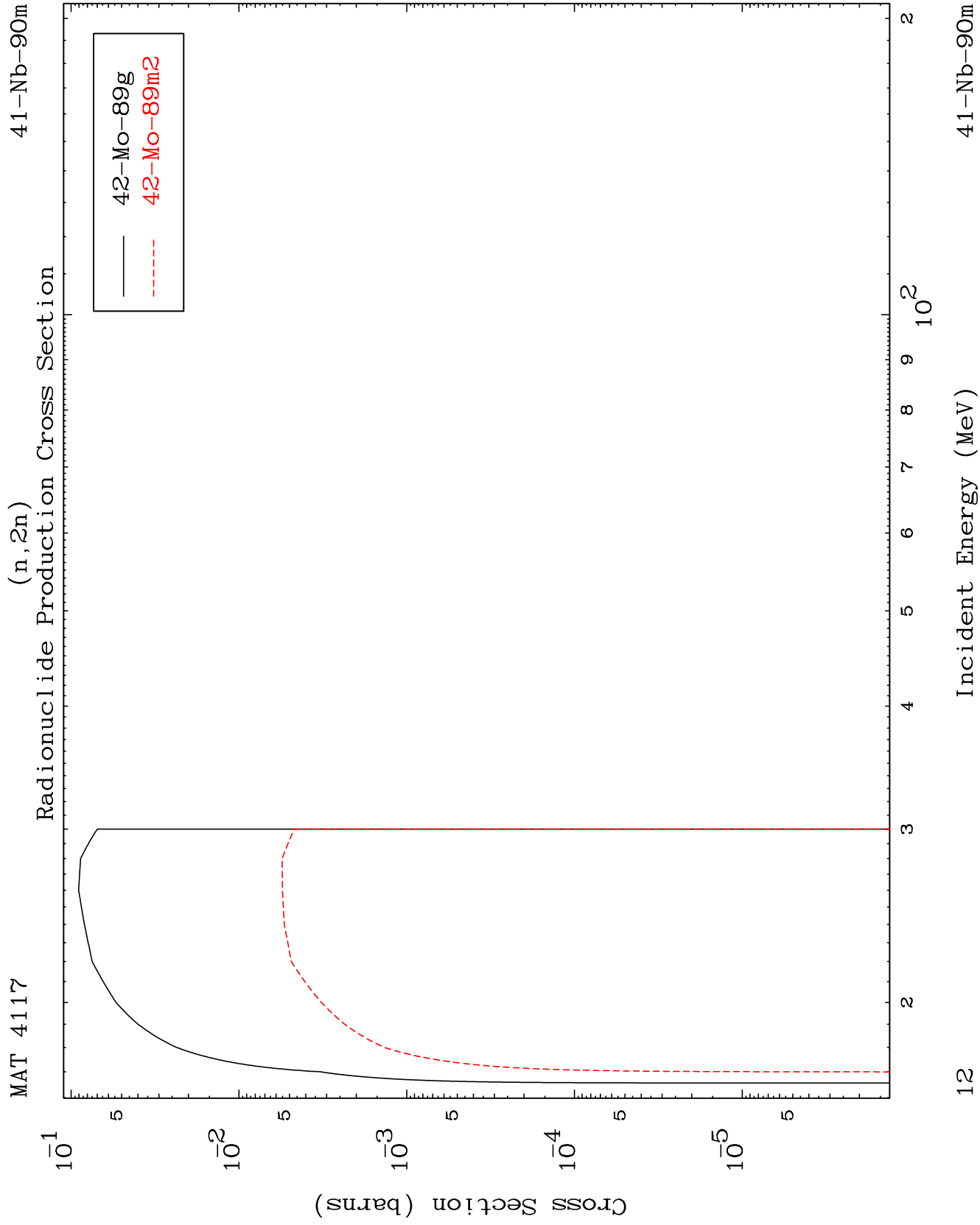
(p, α) Levels
0 Kelvin Cross Sections

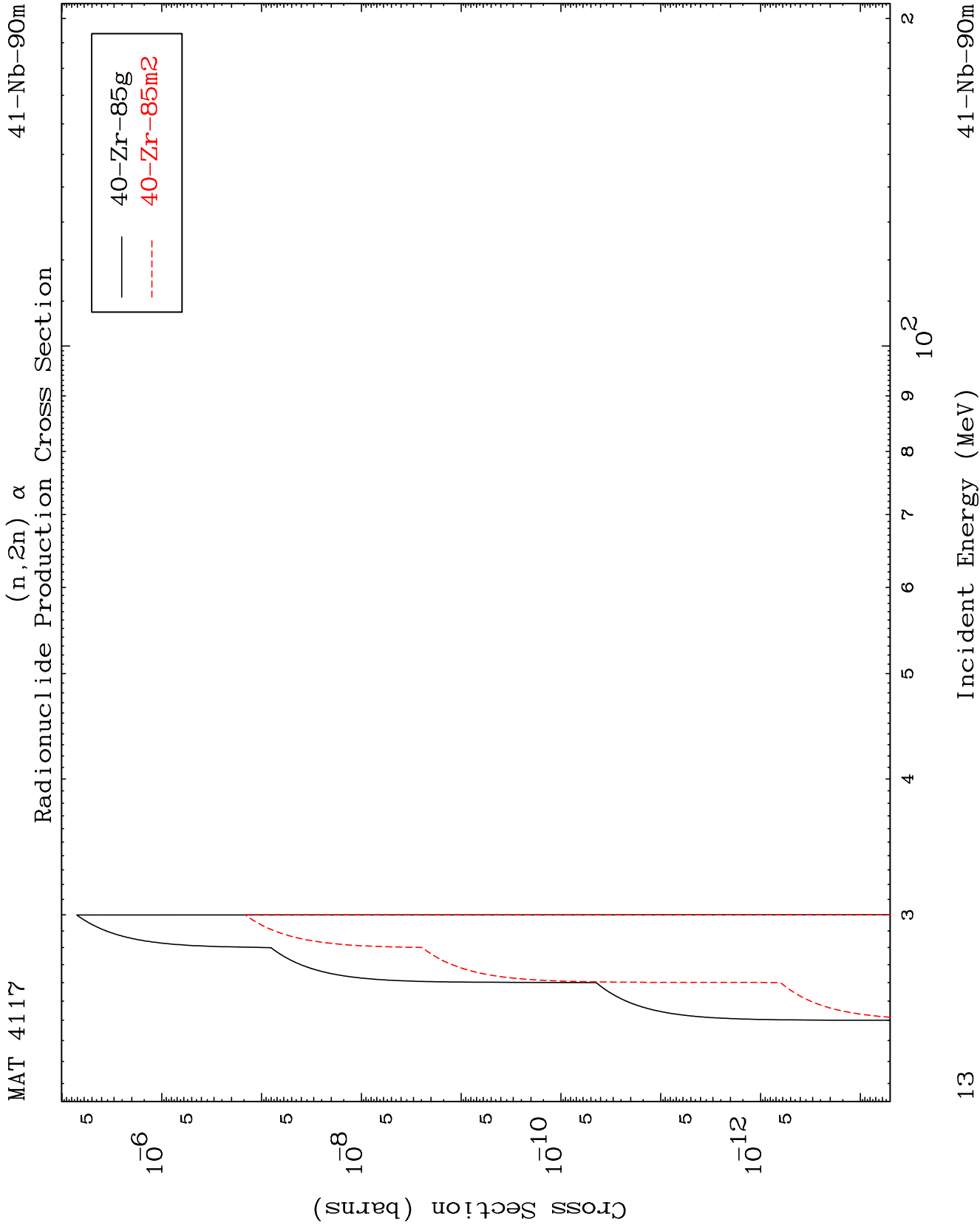


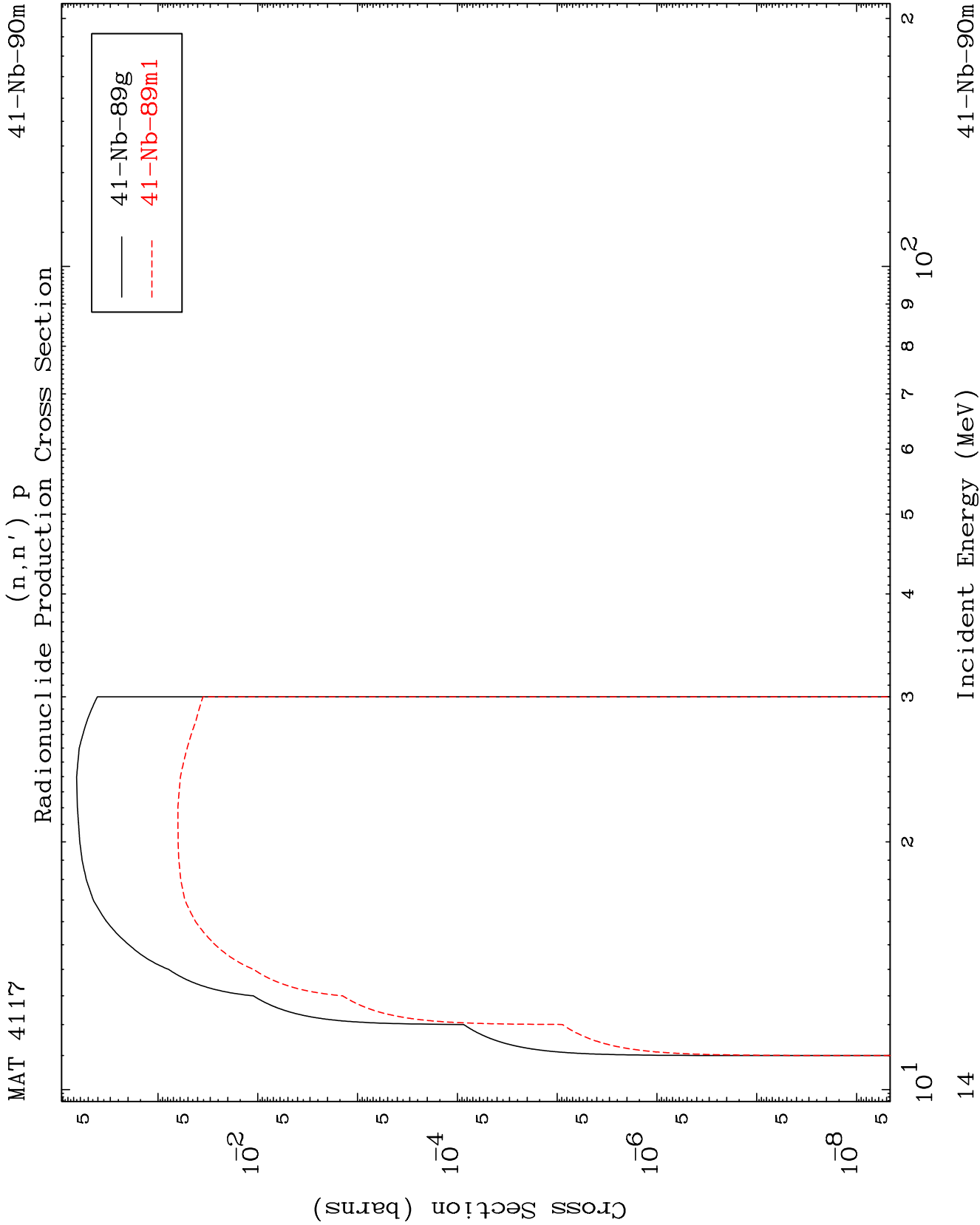
11

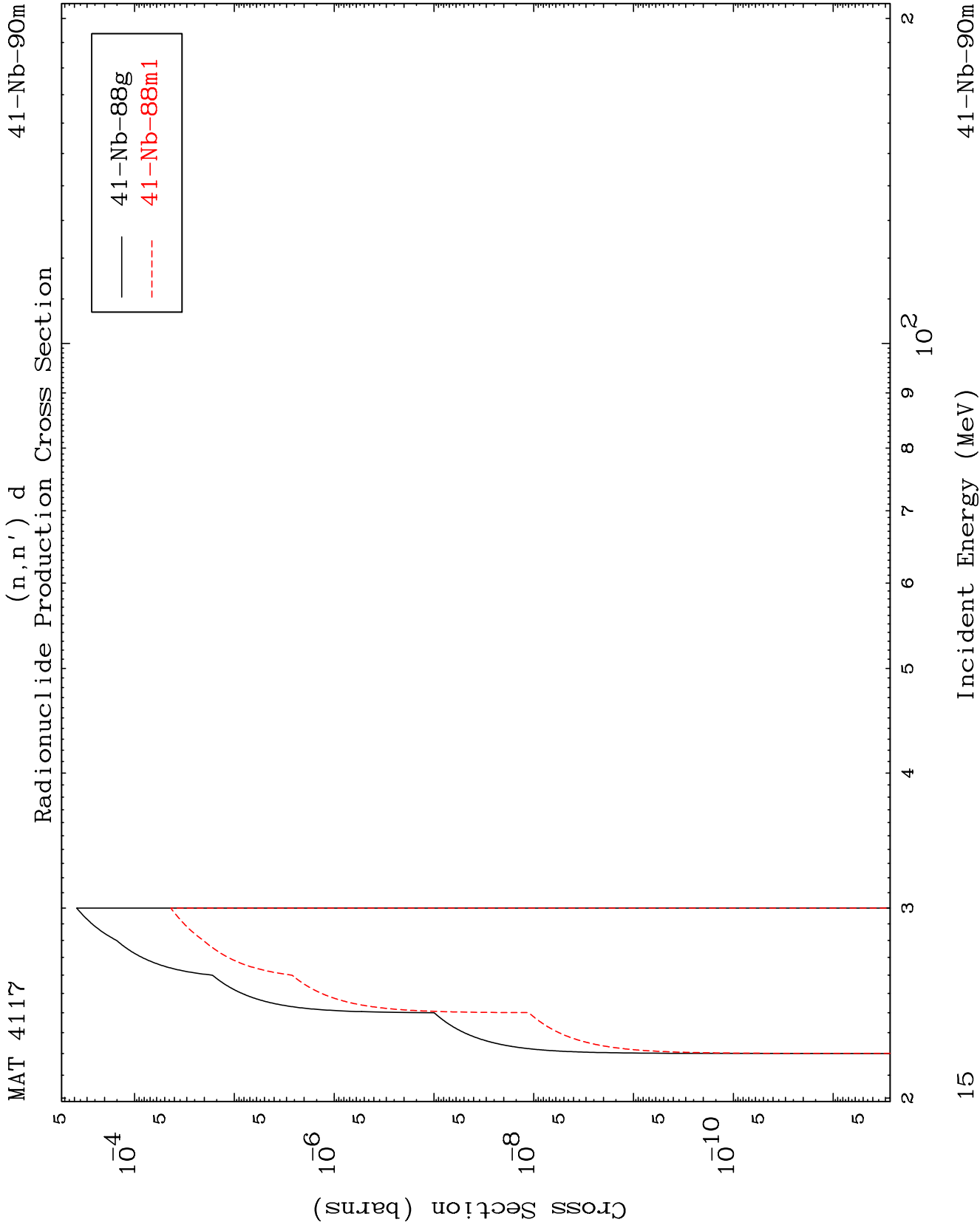
Incident Energy (MeV)

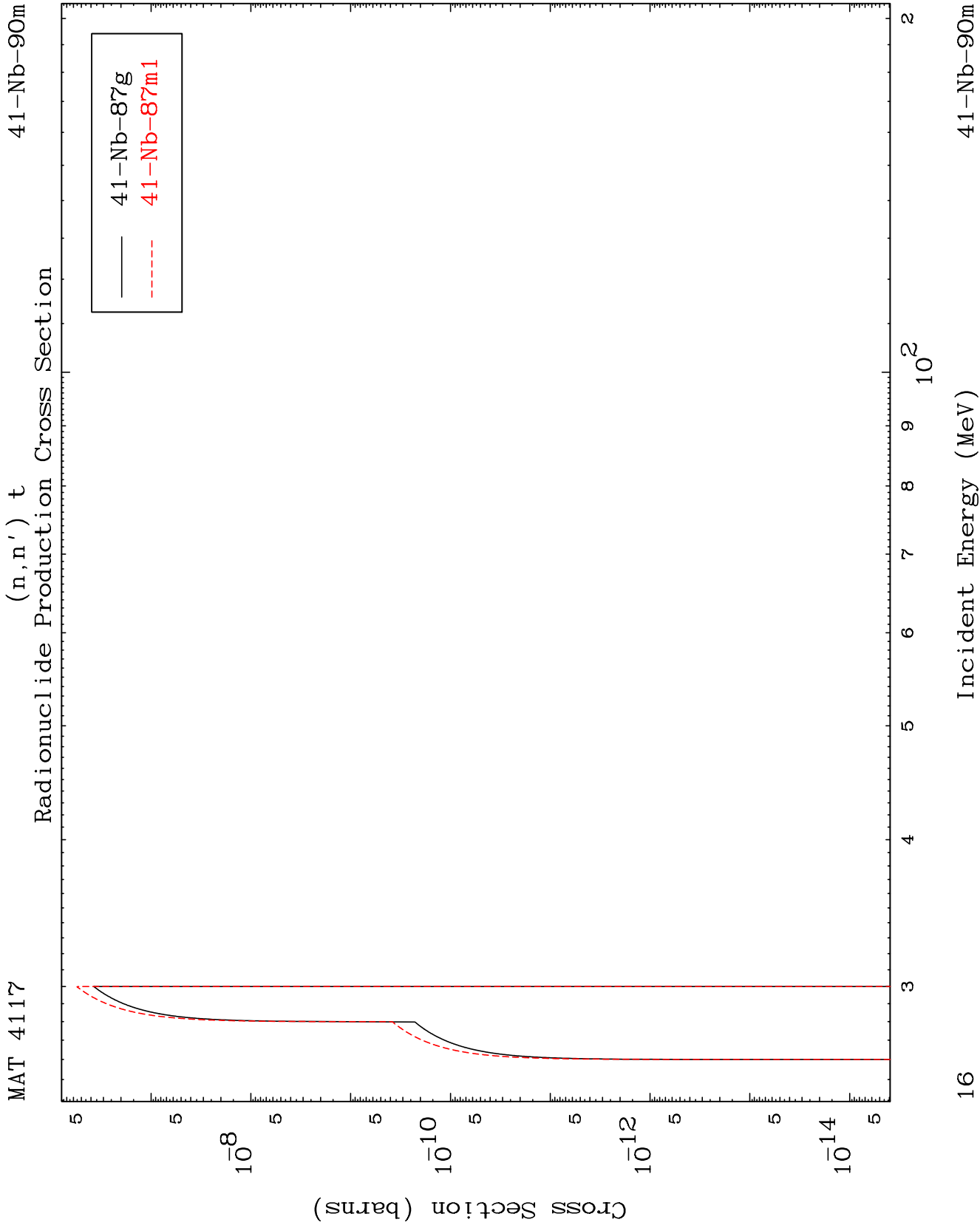
41-Nb-90m



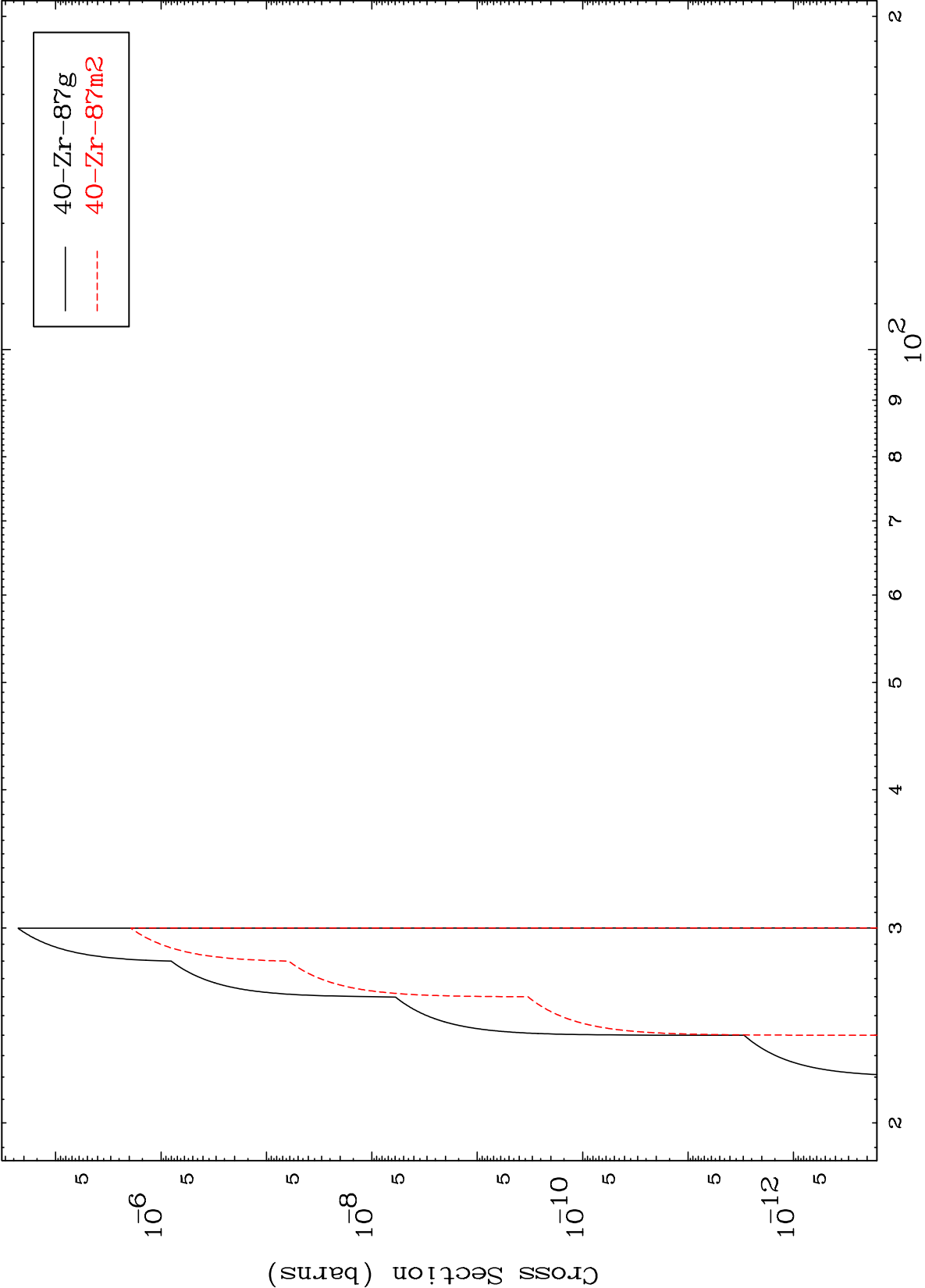


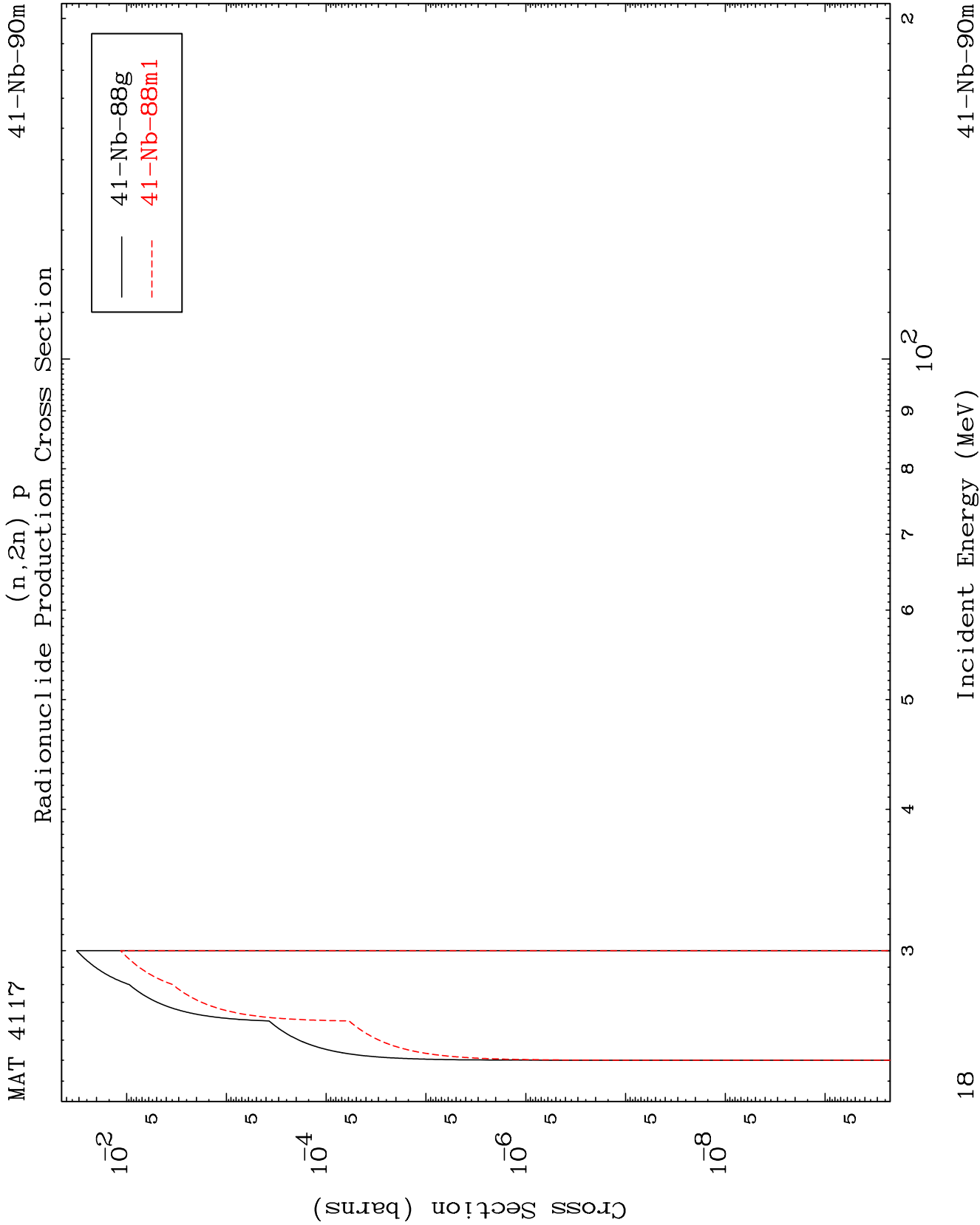






Radionuclide Production Cross Section

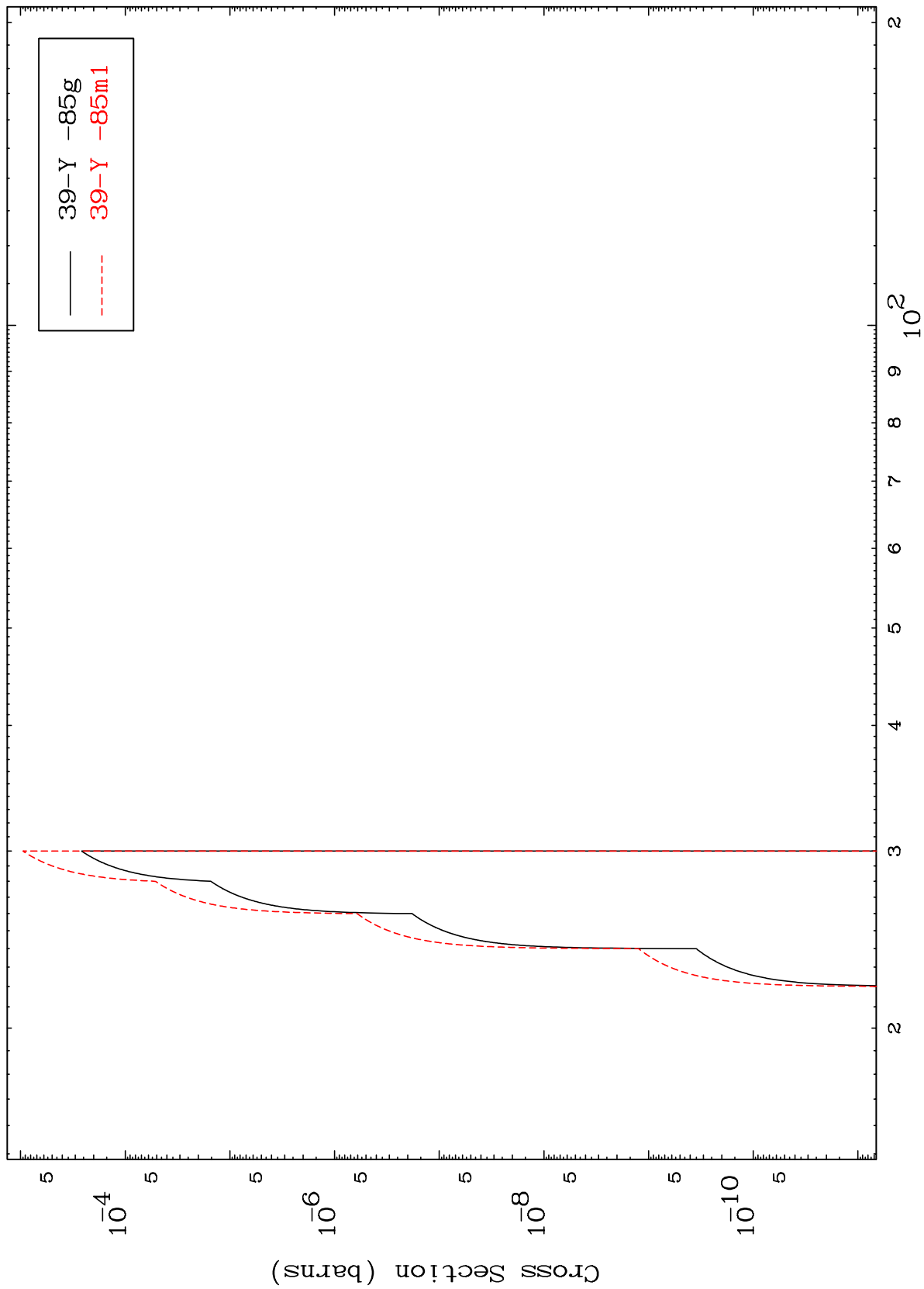




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41-Nb-90m

(n,n') p α
Radionuclide Production Cross Section



19

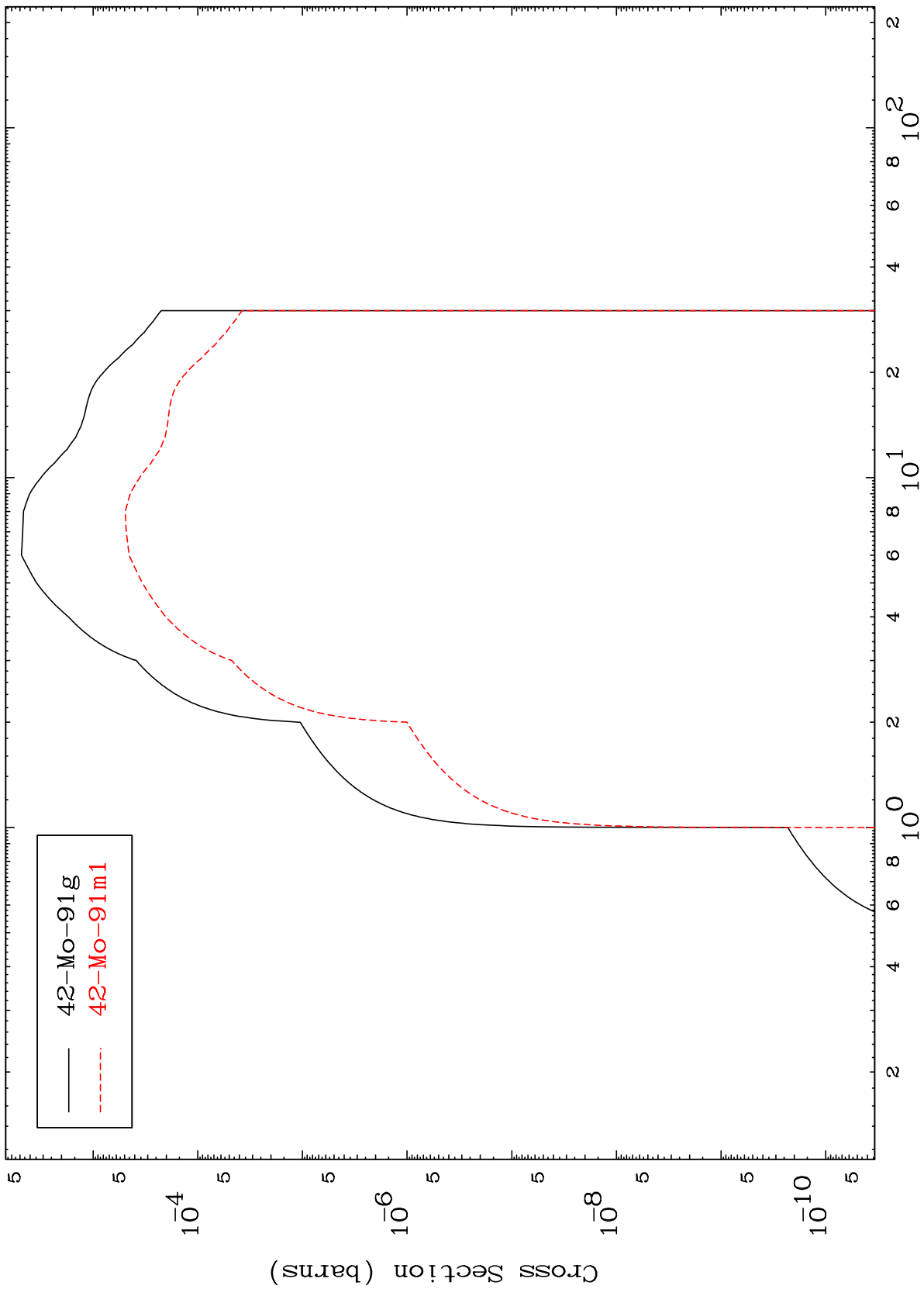
Incident Energy (MeV)

41-Nb-90m

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41-Nb-90m

(n, γ)
Radionuclide Production Cross Section

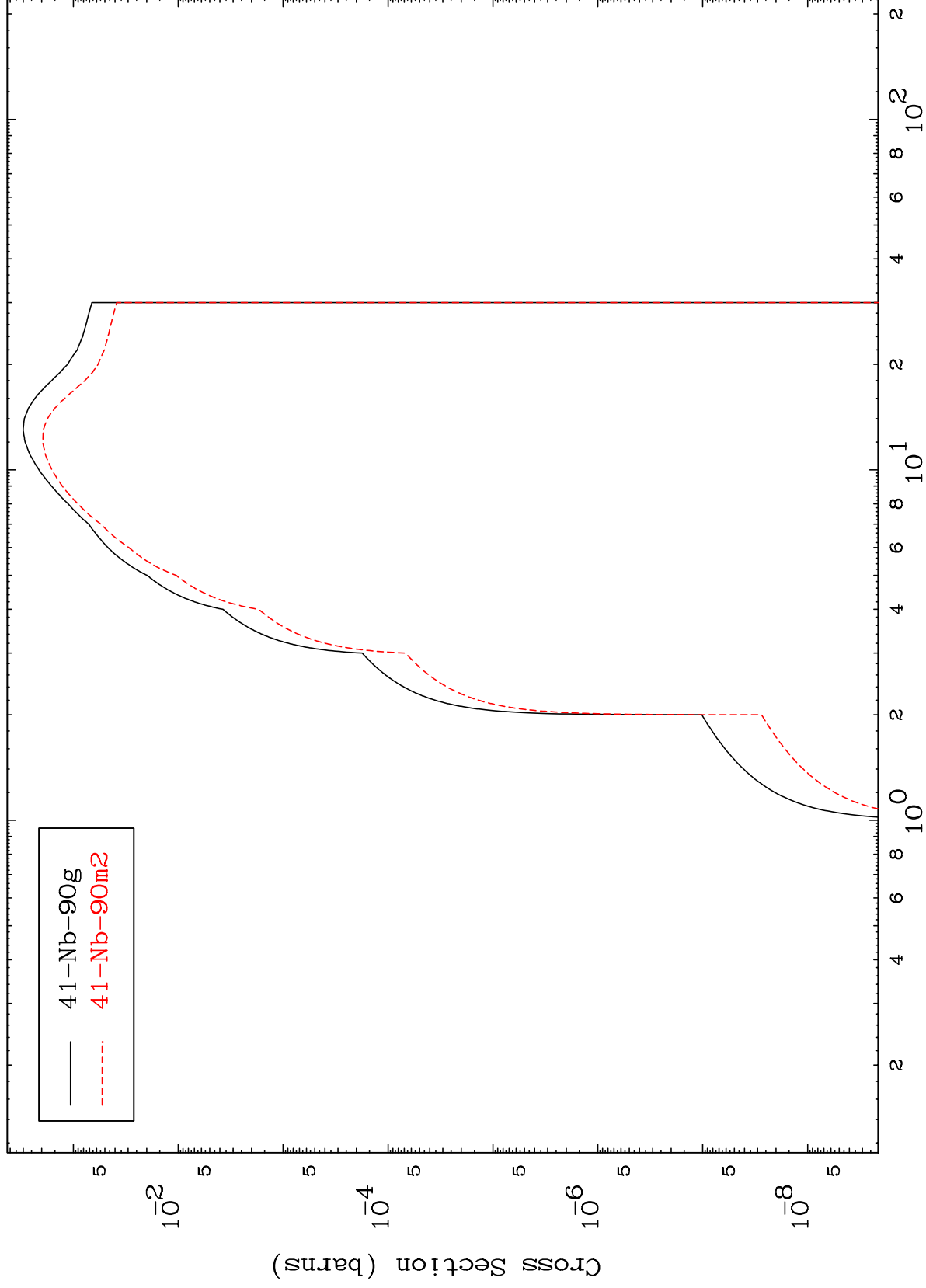


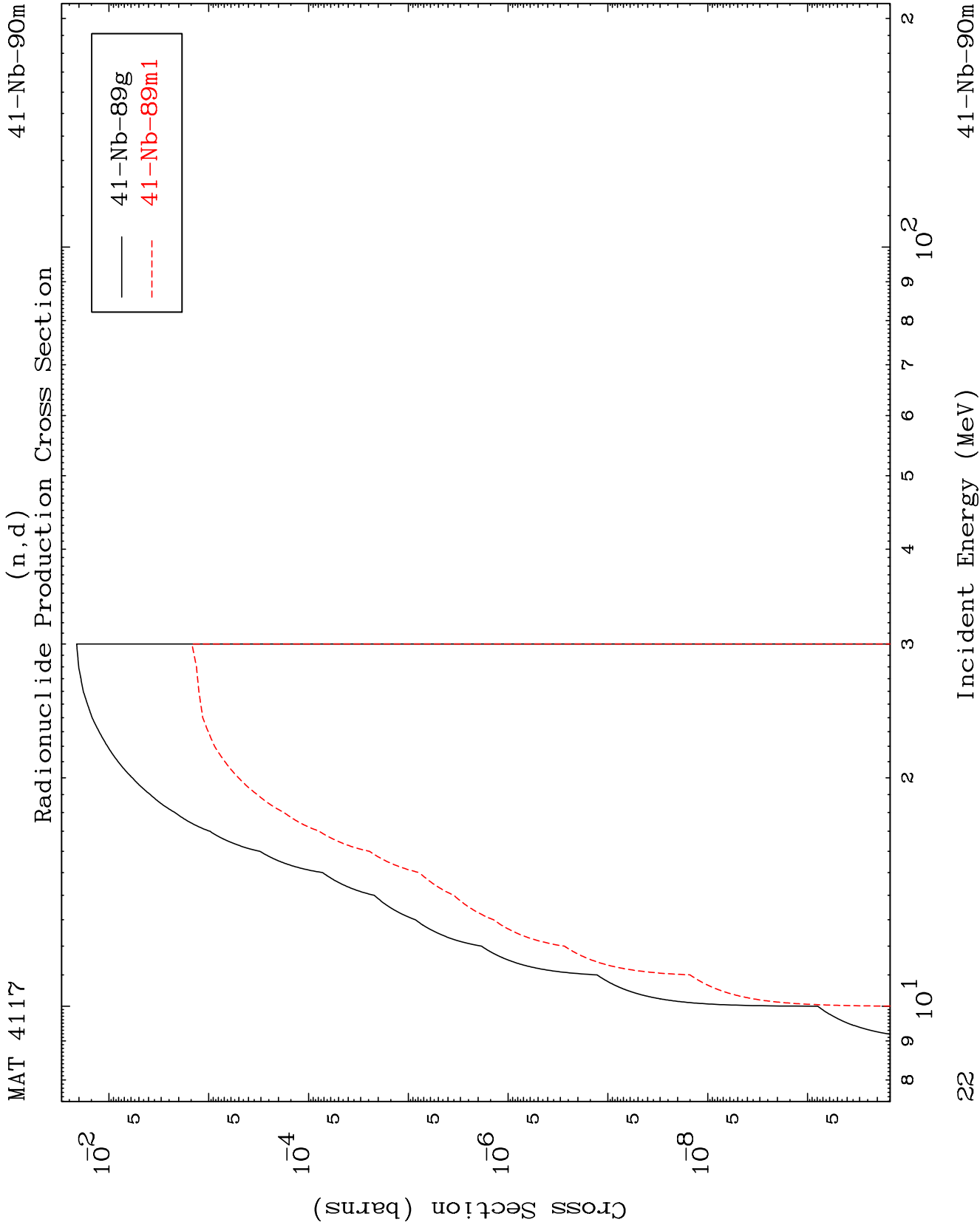
20

Incident Energy (MeV)

41-Nb-90m

Radionuclide Production Cross Section (n,p)

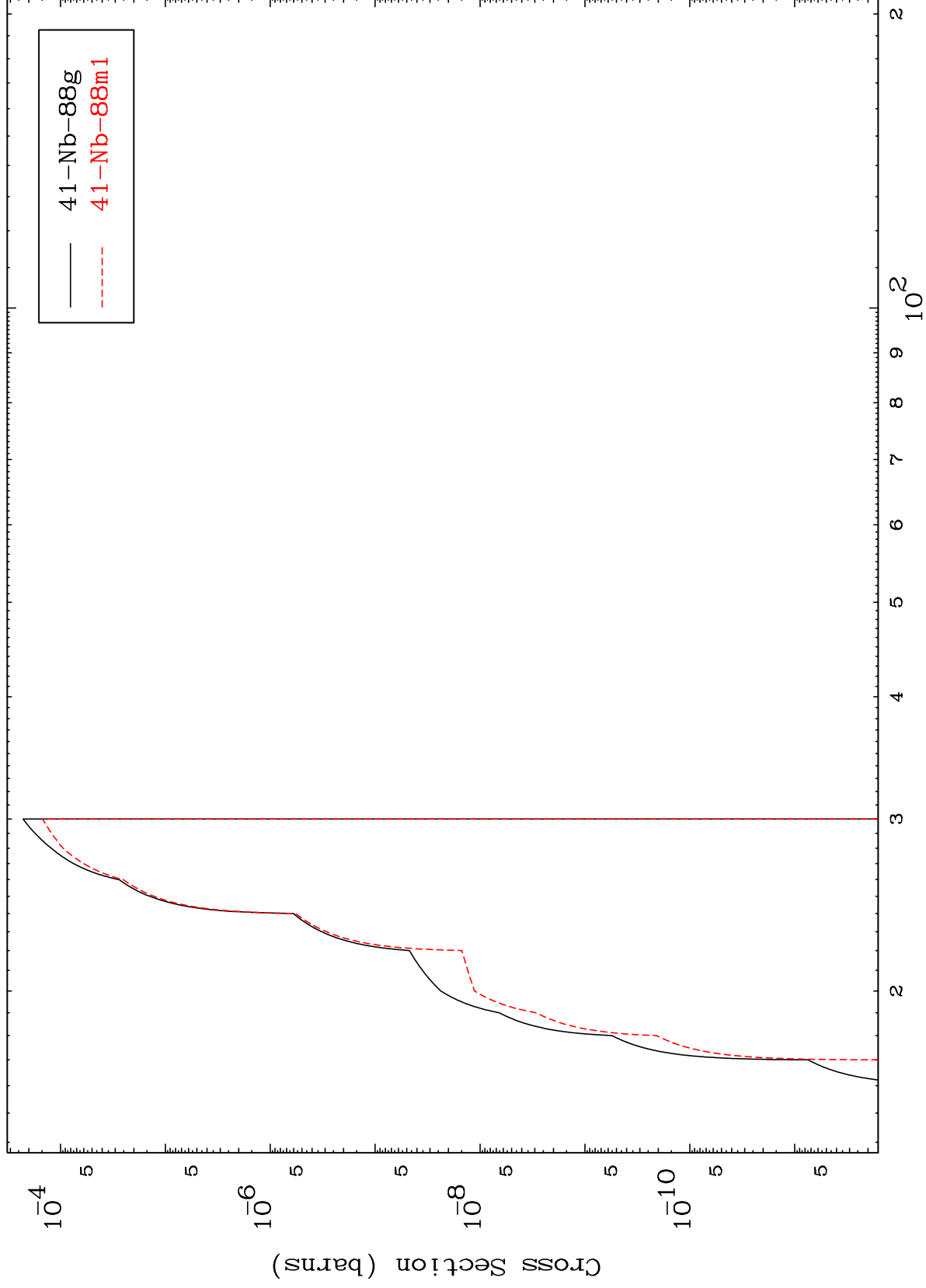




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41-Nb-90m

(n,t)
Radionuclide Production Cross Section



23

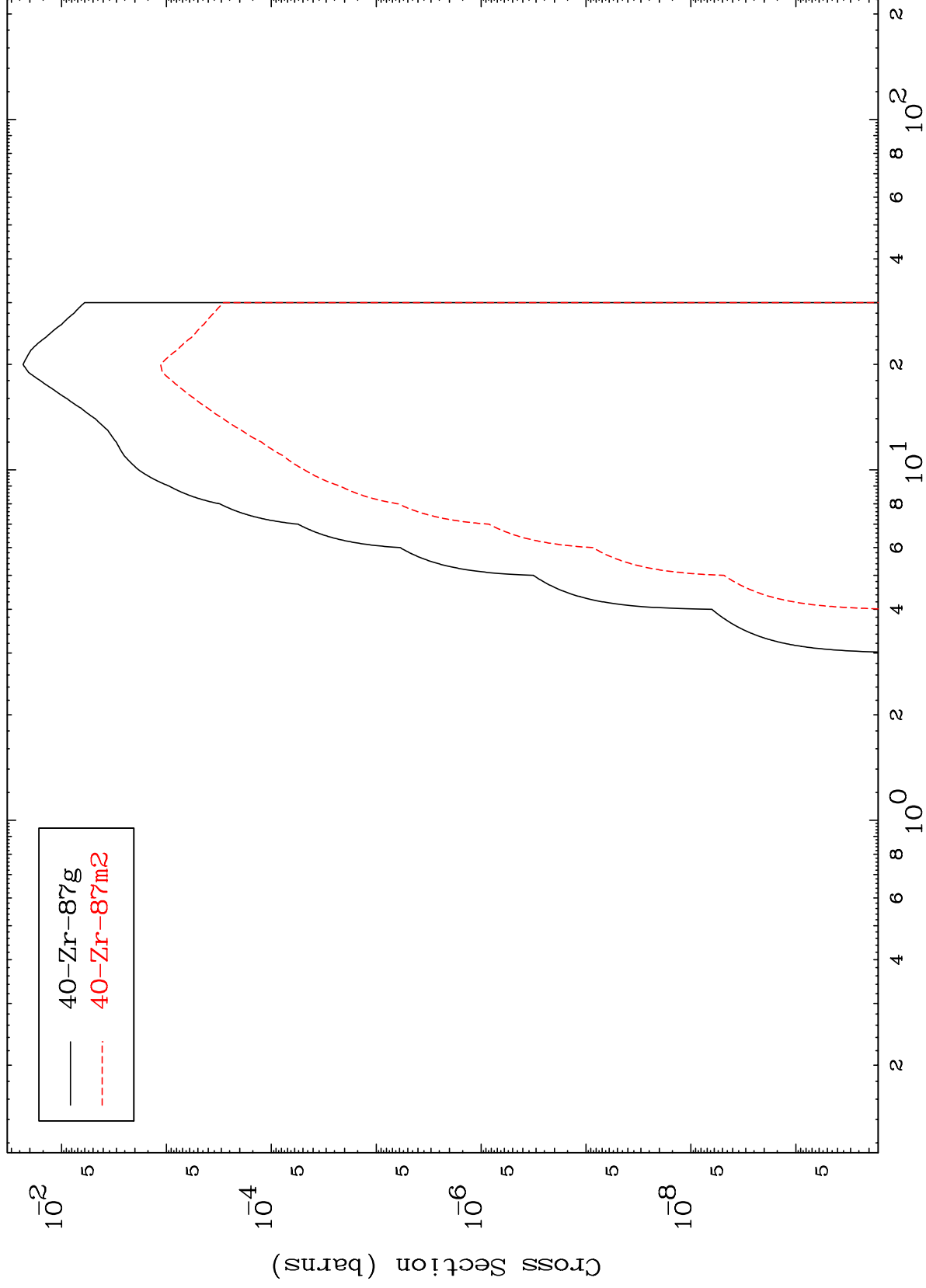
Incident Energy (MeV)

41-Nb-90m

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41-Nb-90m

Radionuclide Production Cross Section
(n, α)



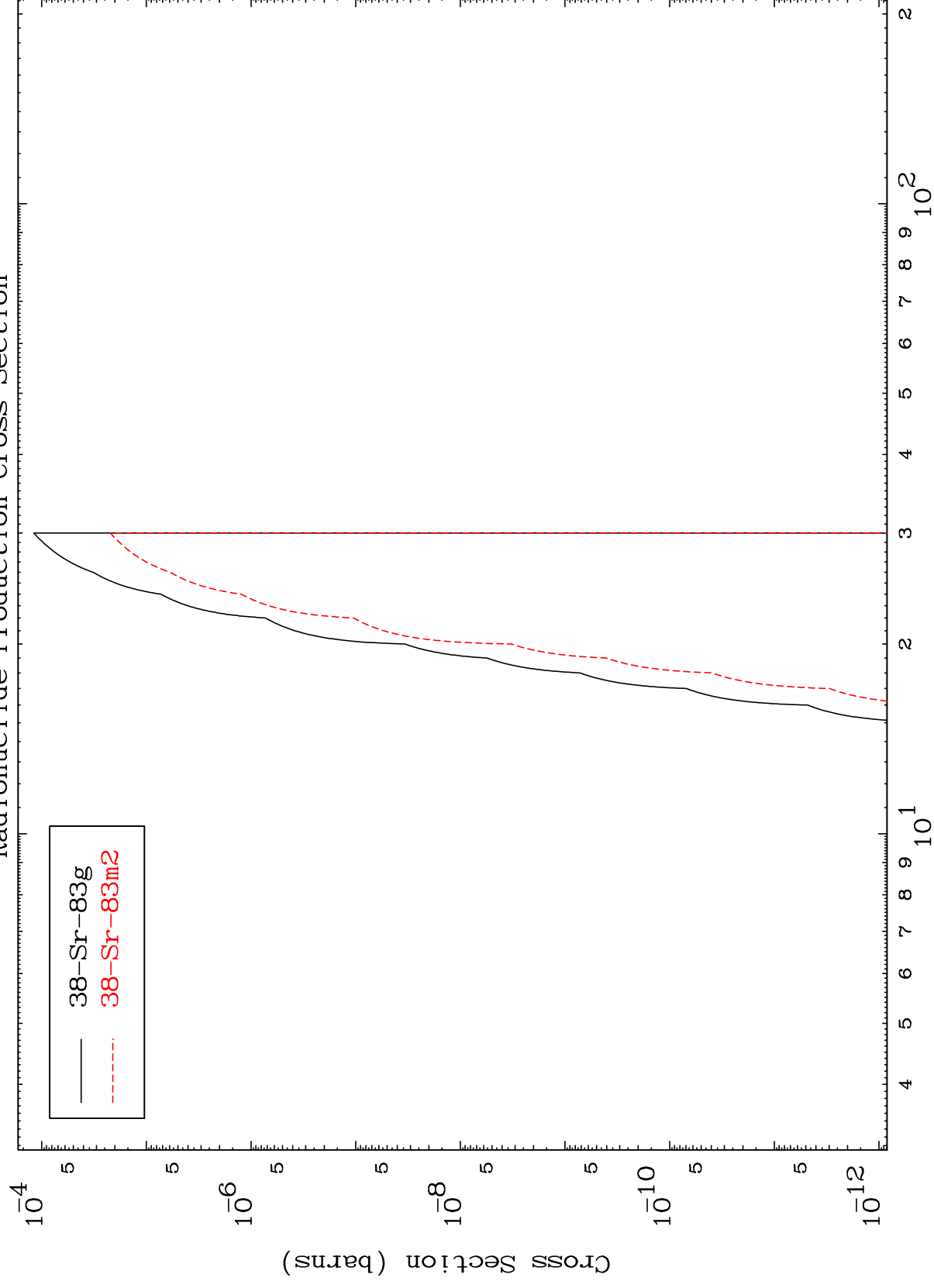
24

41-Nb-90m

Incident Energy (MeV)

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41-Nb-90m

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

25

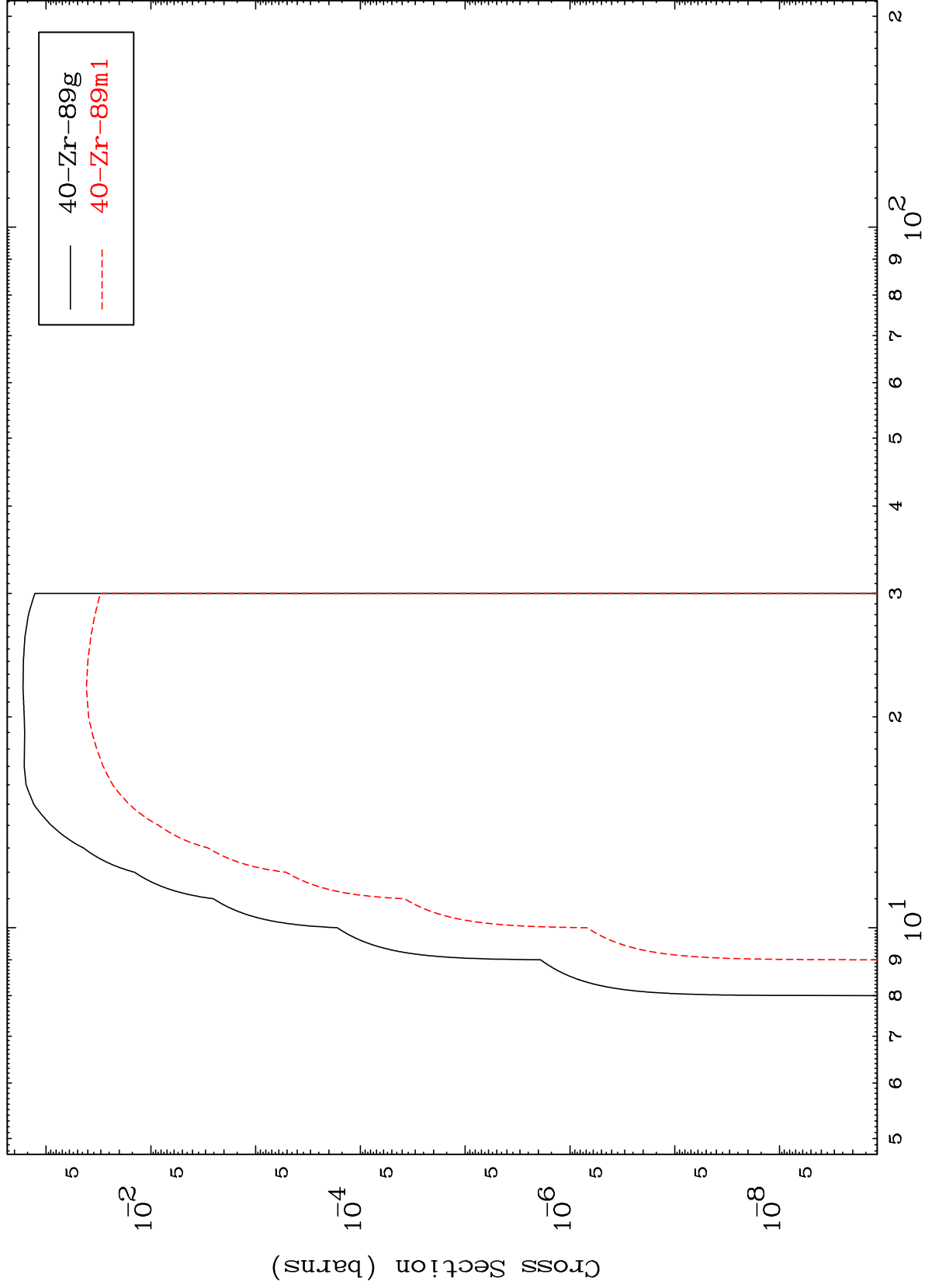
Incident Energy (MeV)

41-Nb-90m

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41-Nb-90m

(n,2p)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

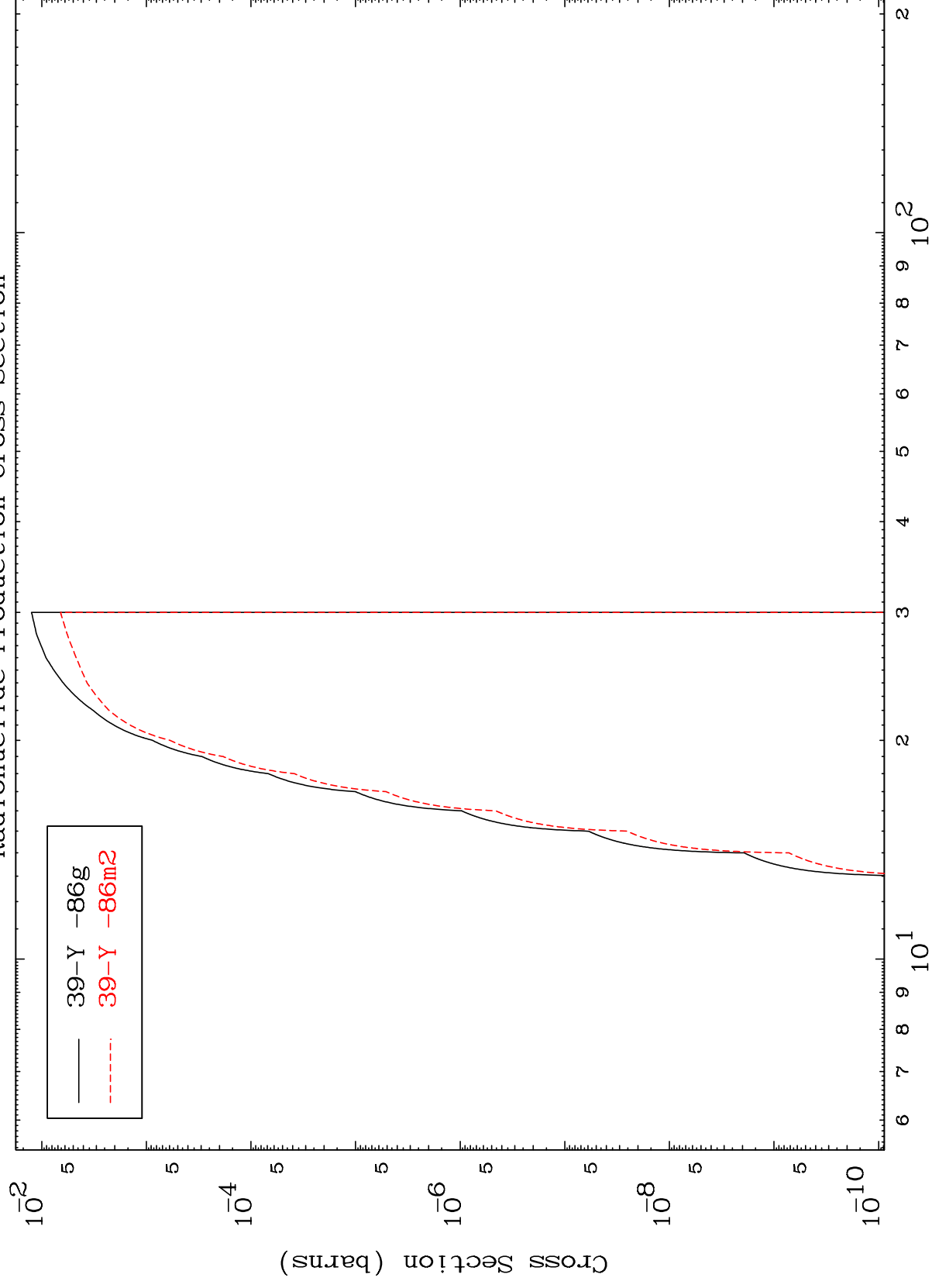
41-Nb-90m

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$$(n, p) \propto$$

41-Nb-90m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

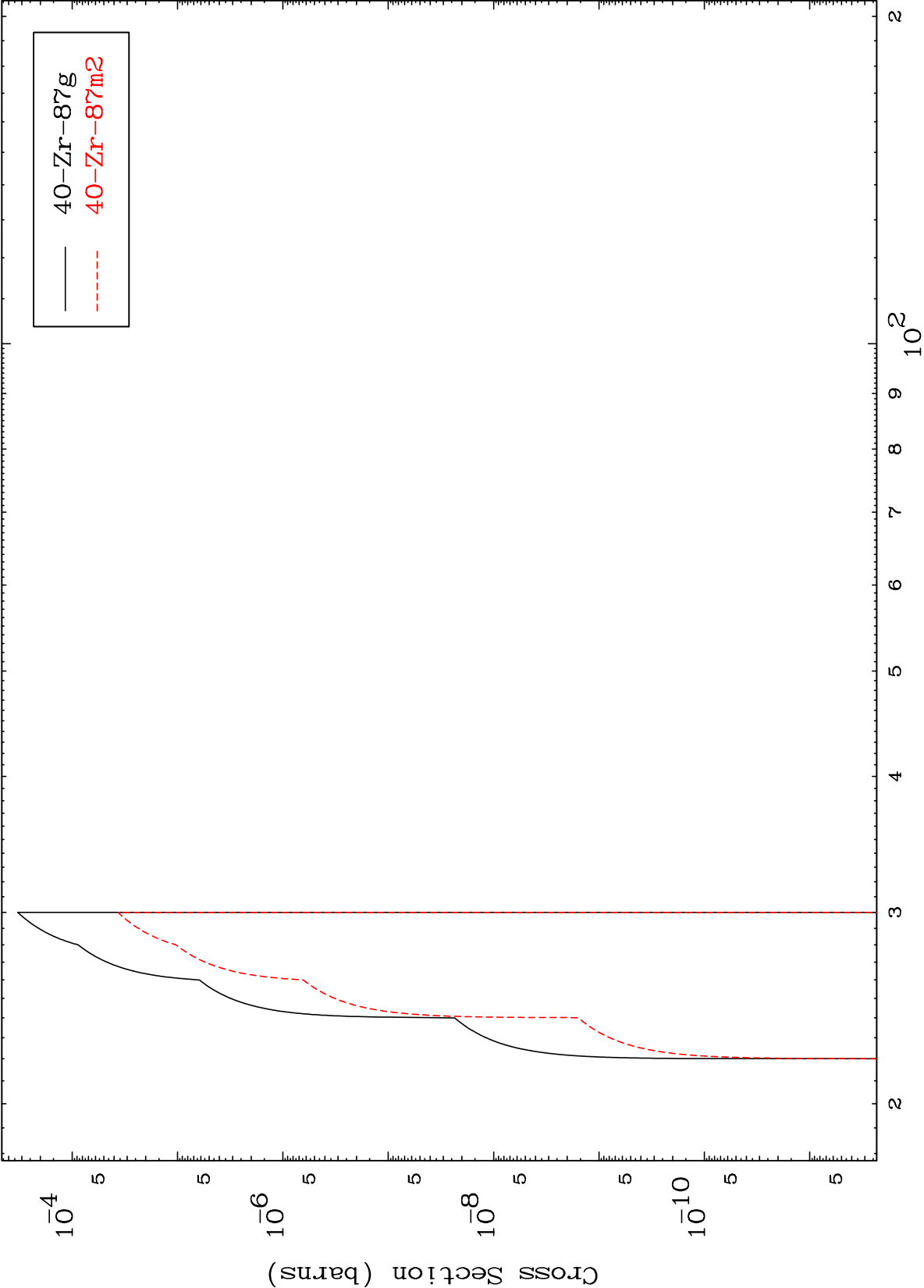
41-Nb-90m

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(n,p) t

41-Nb-90m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

41-Nb-90m

Radionuclide Production Cross Section
(n,d) α

