

Program EVALPLOT
(Version 2021-1)

by

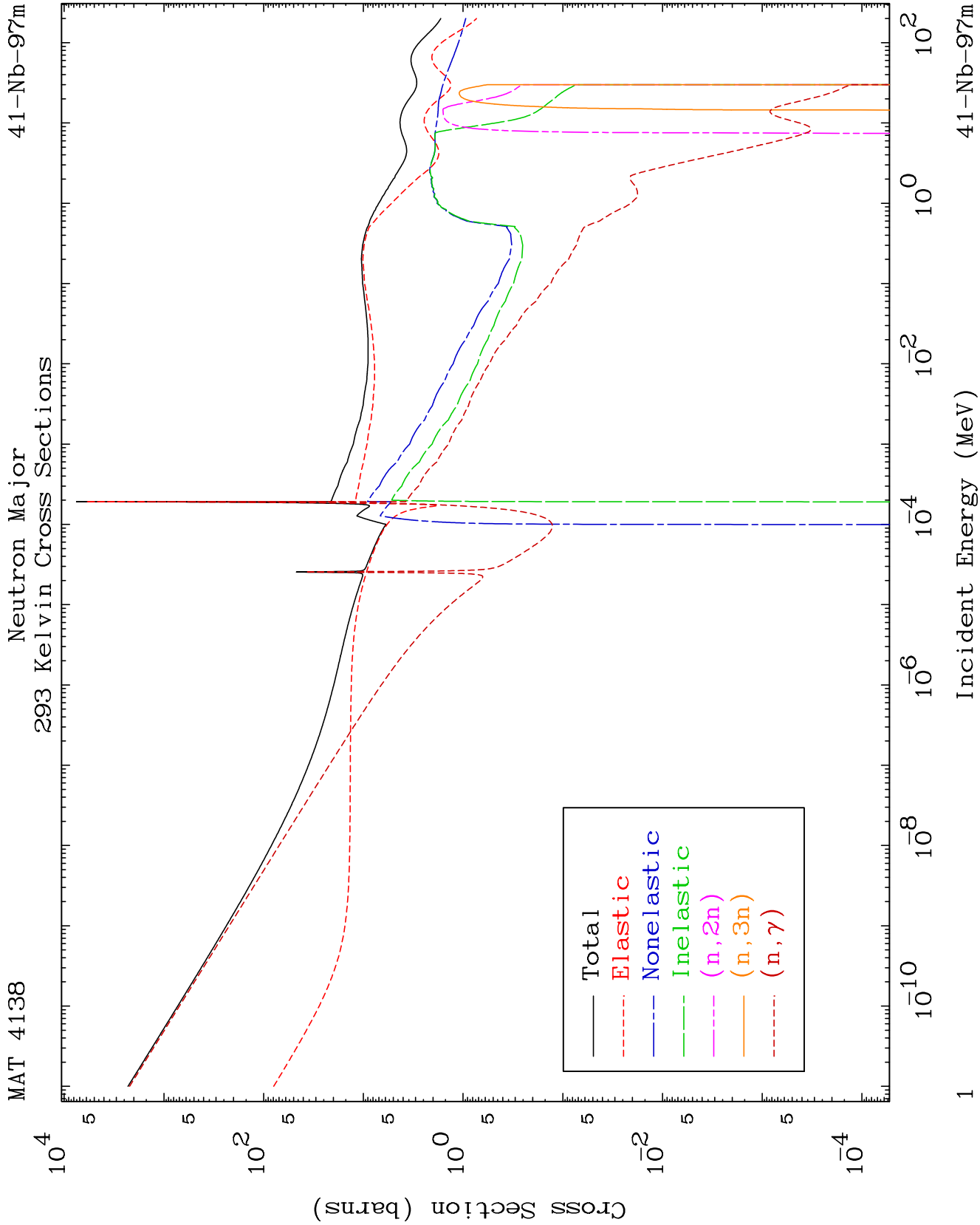
Dermott E. Cullen
(Present Contact Information)

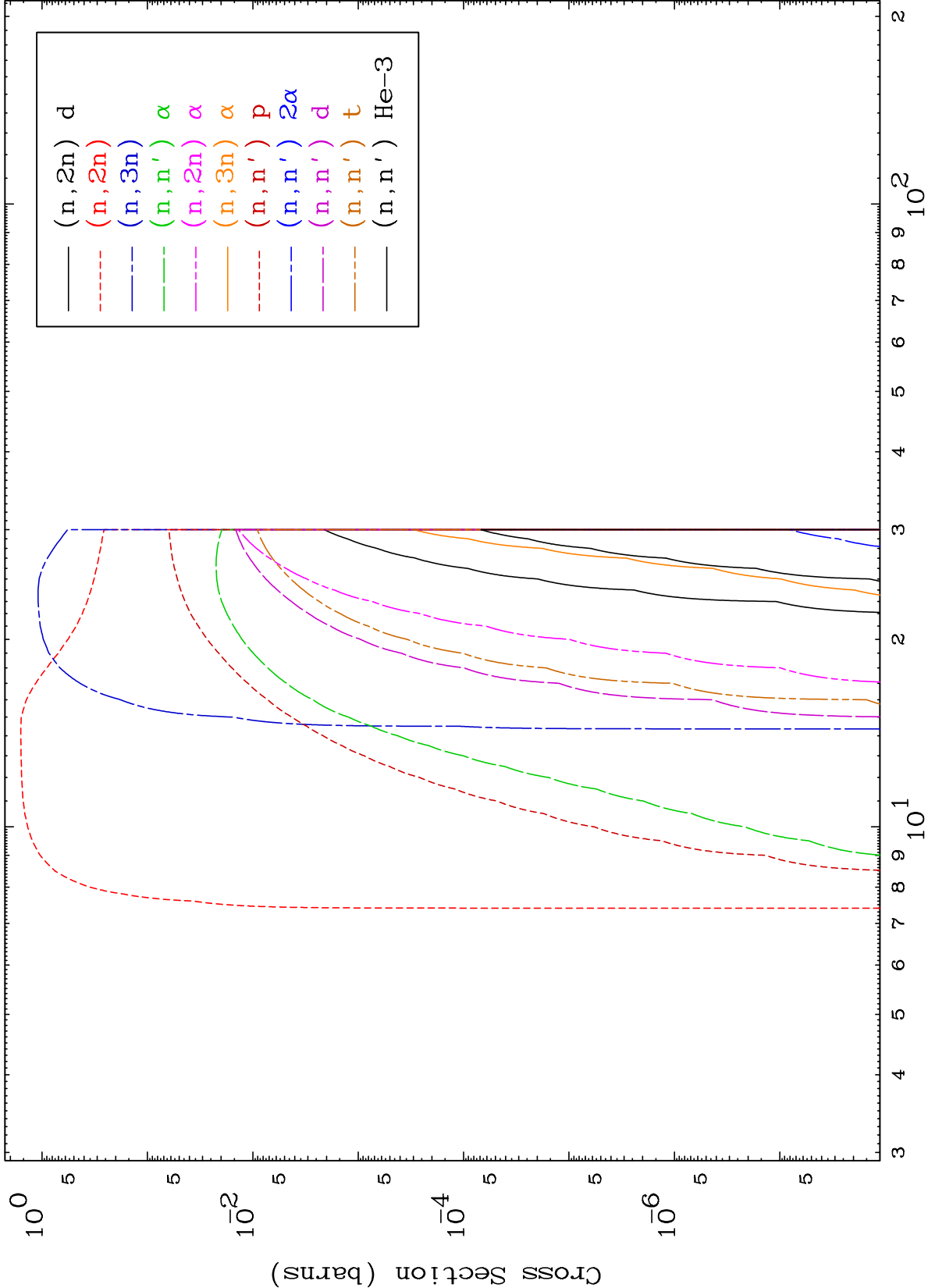
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

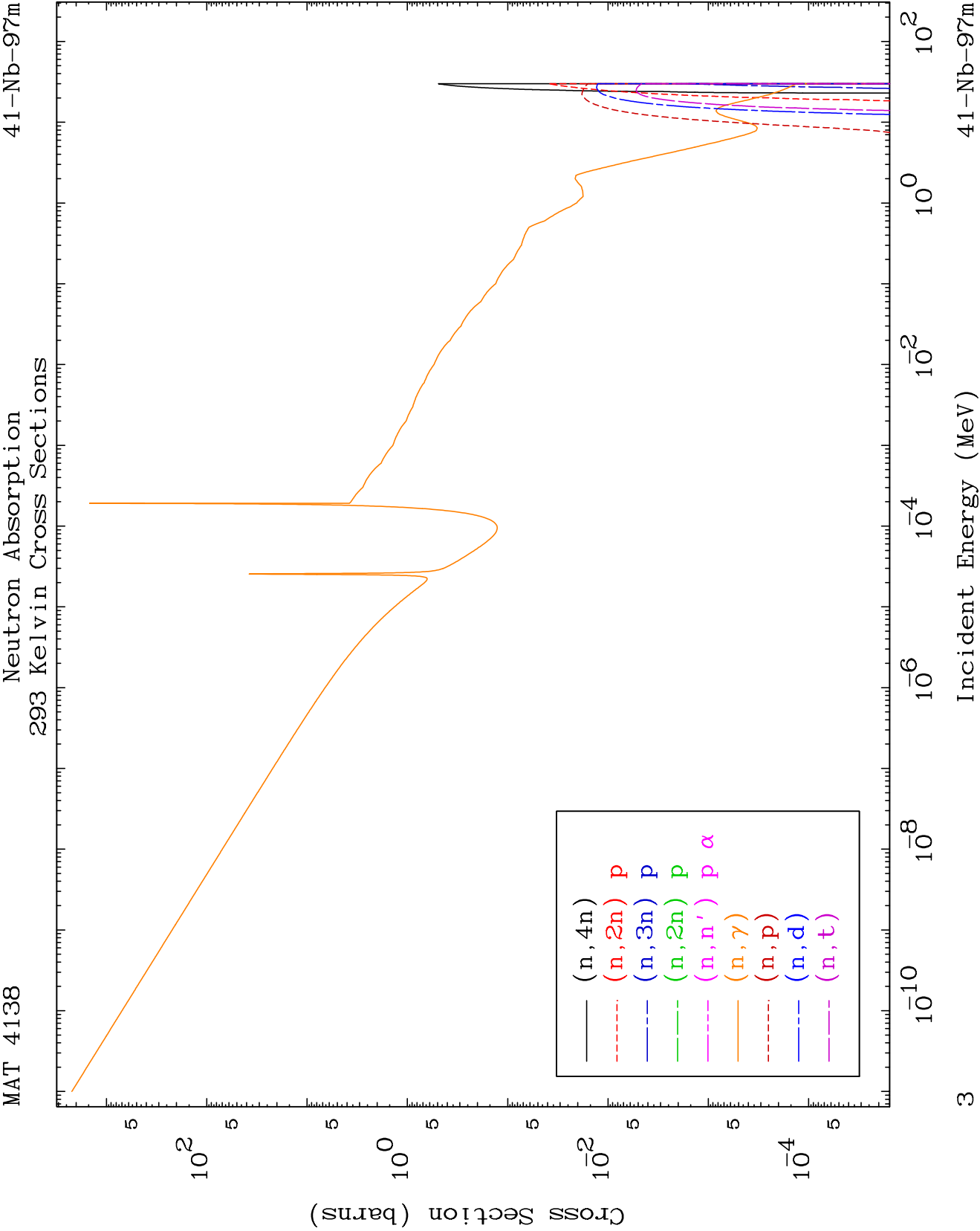
Tele: 925-443-1911

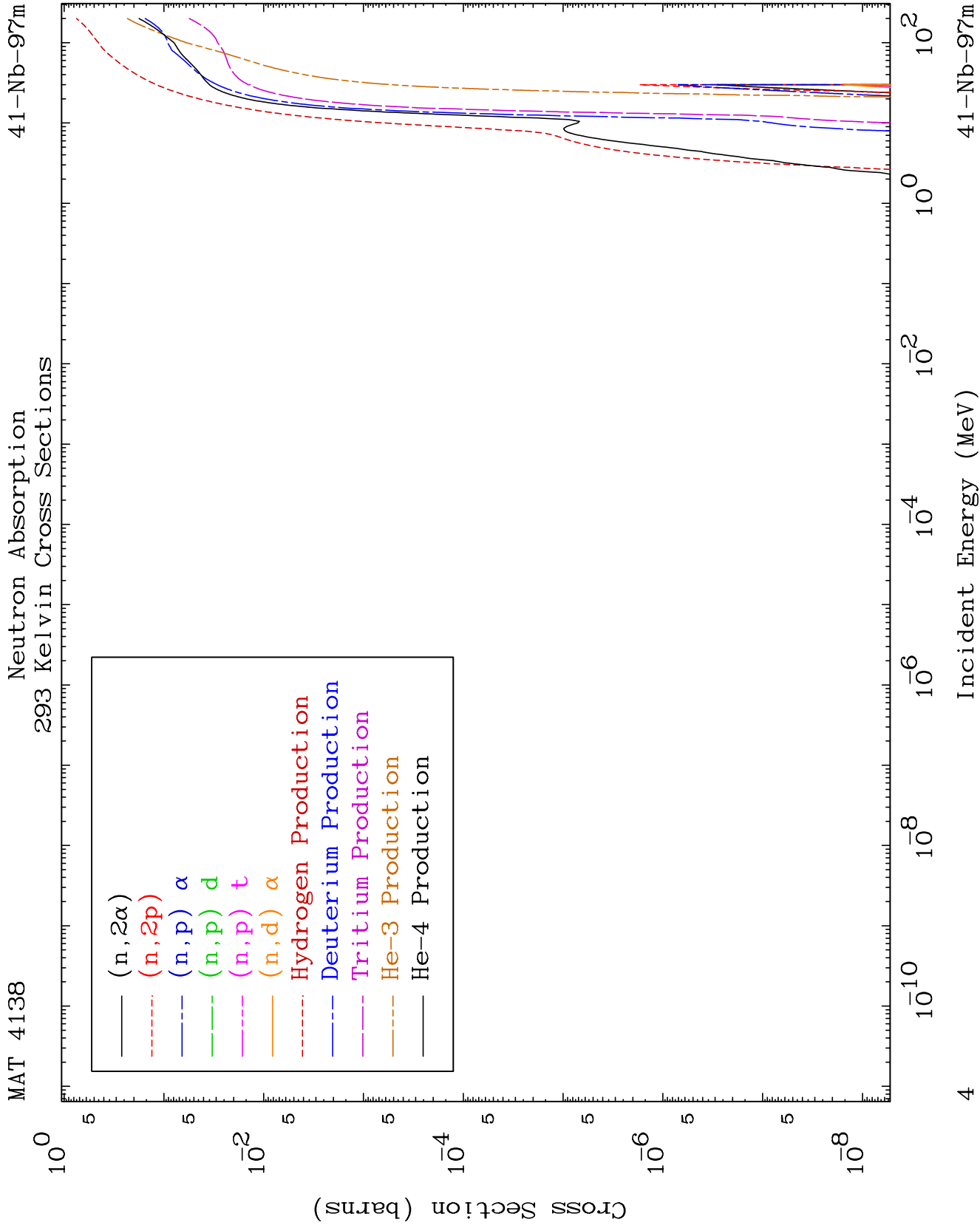
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

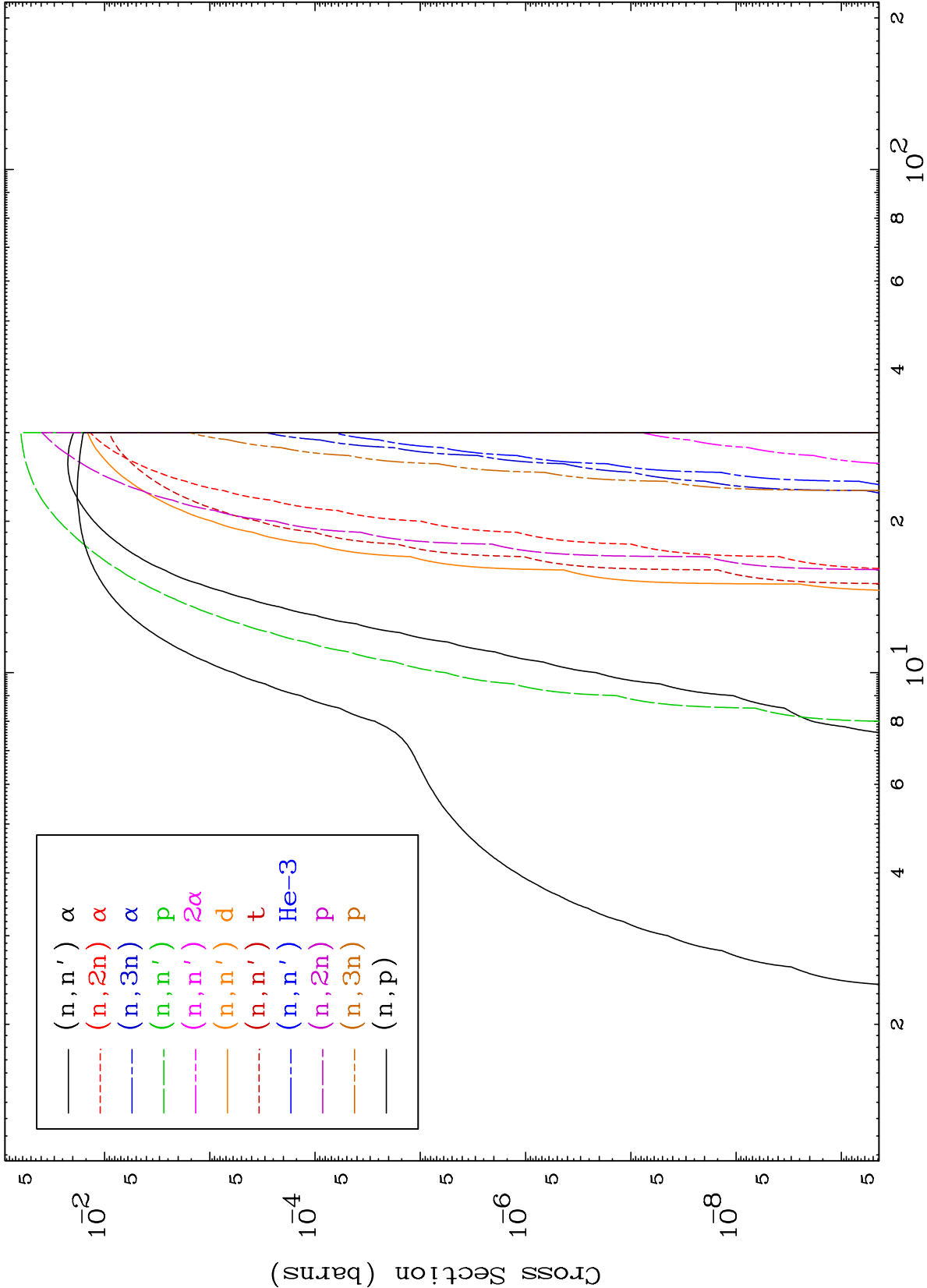
Press Mouse Button to Start

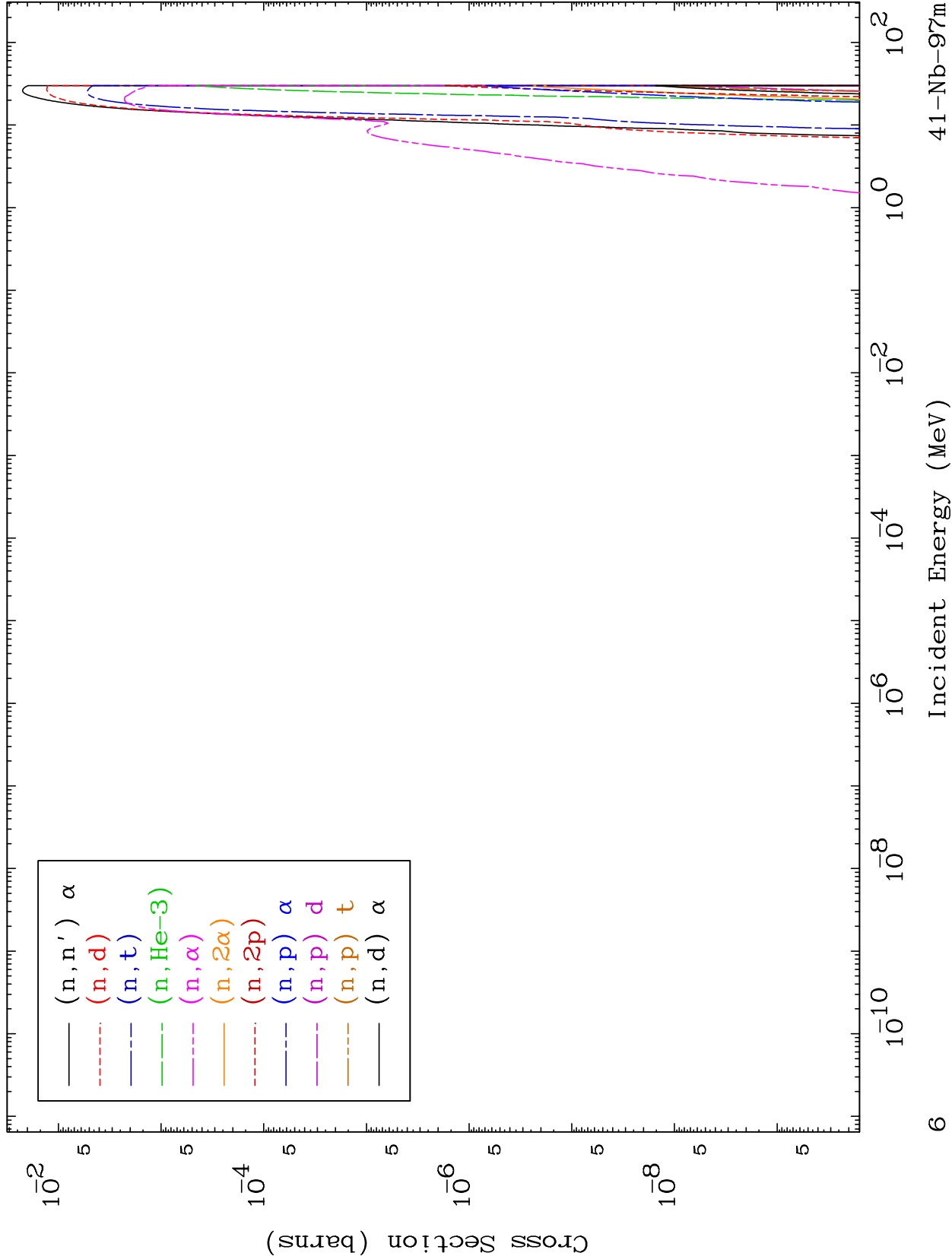


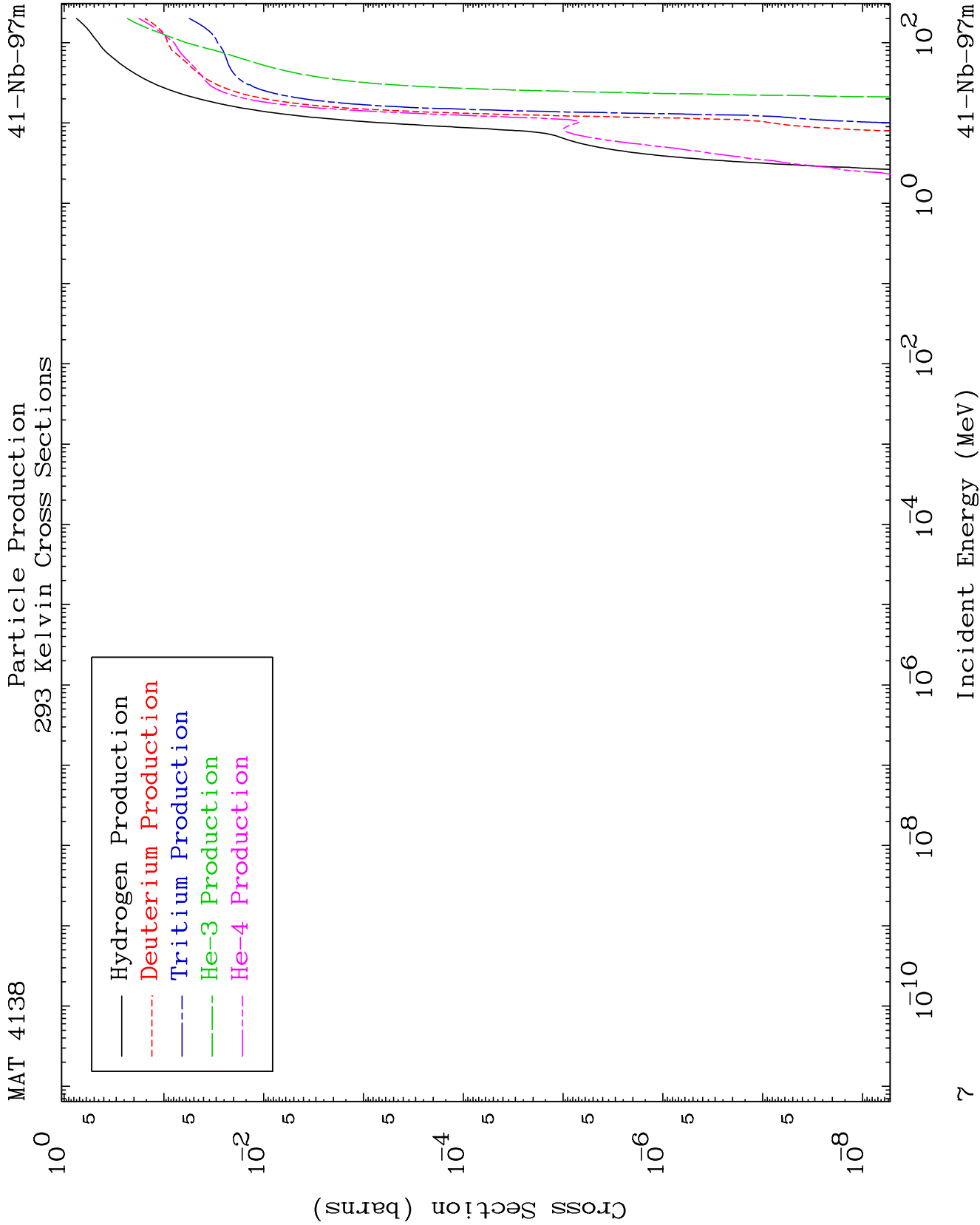


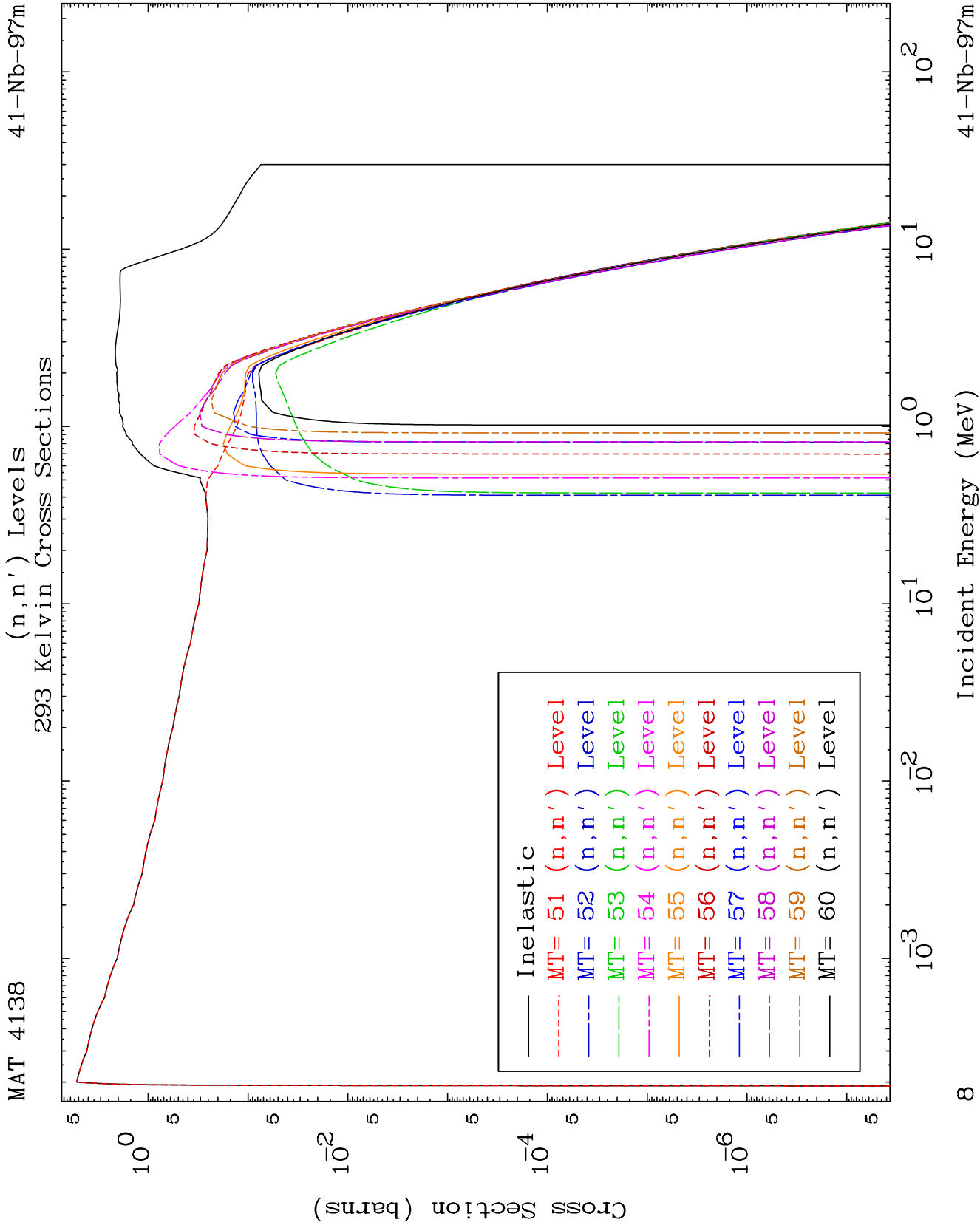


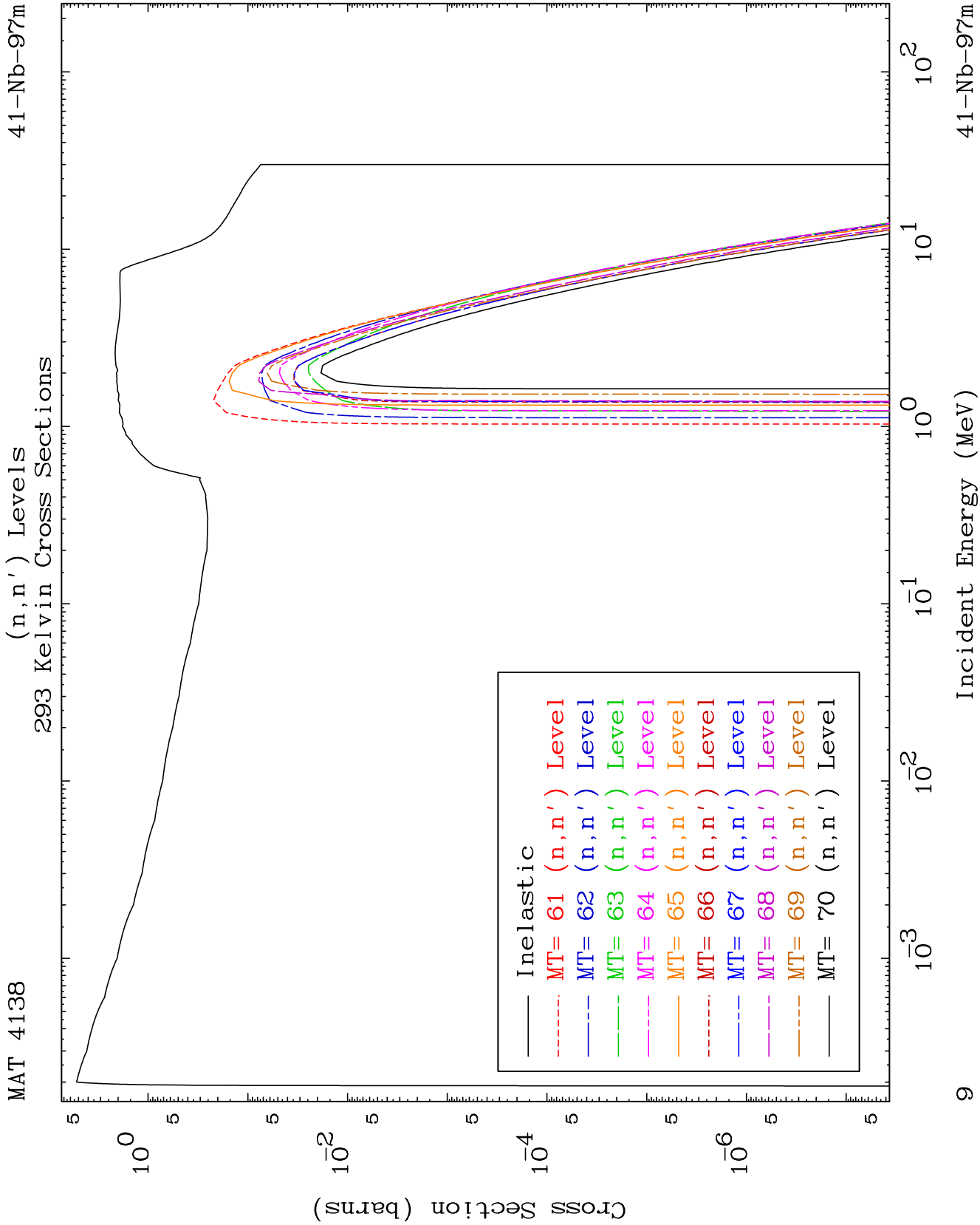


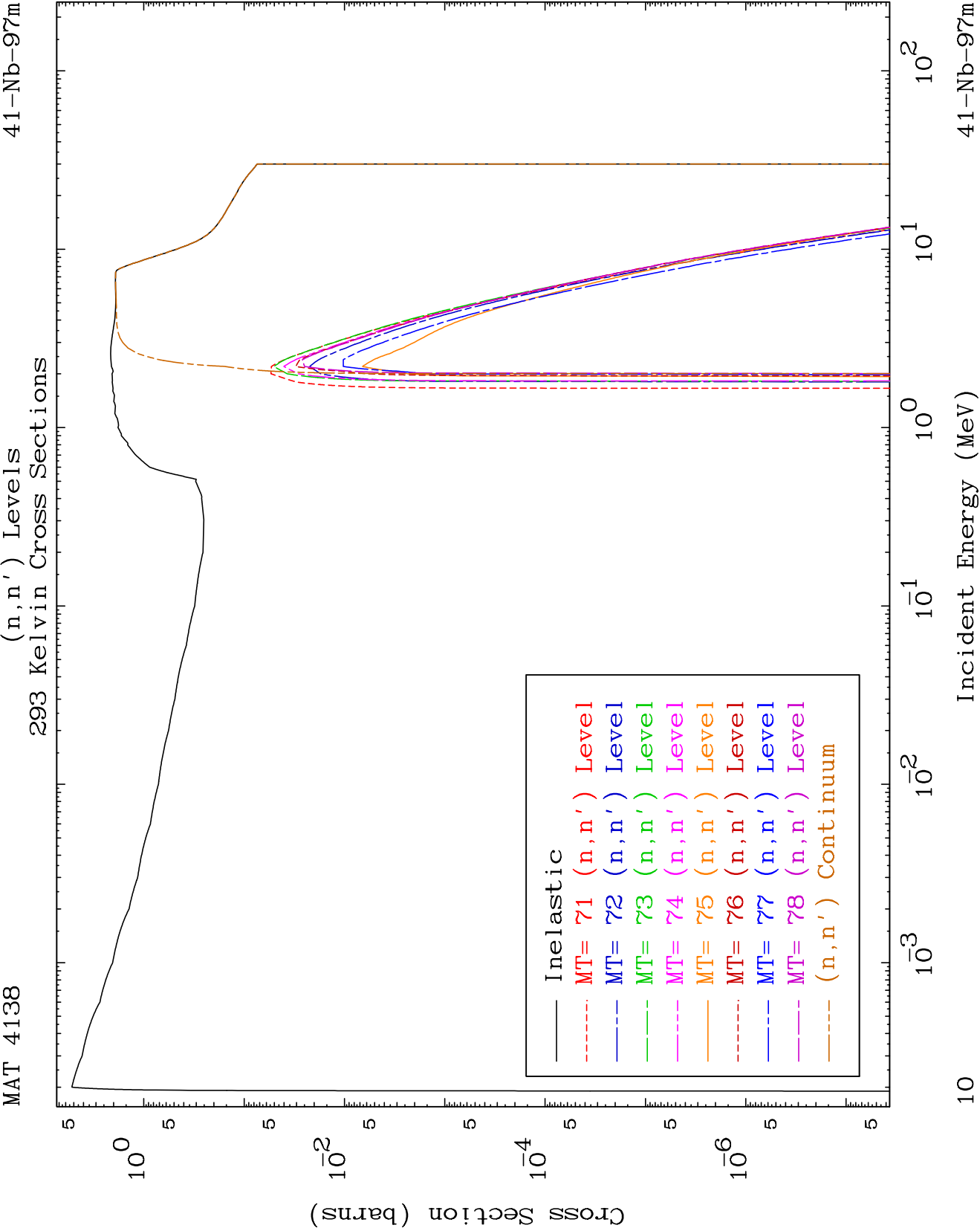


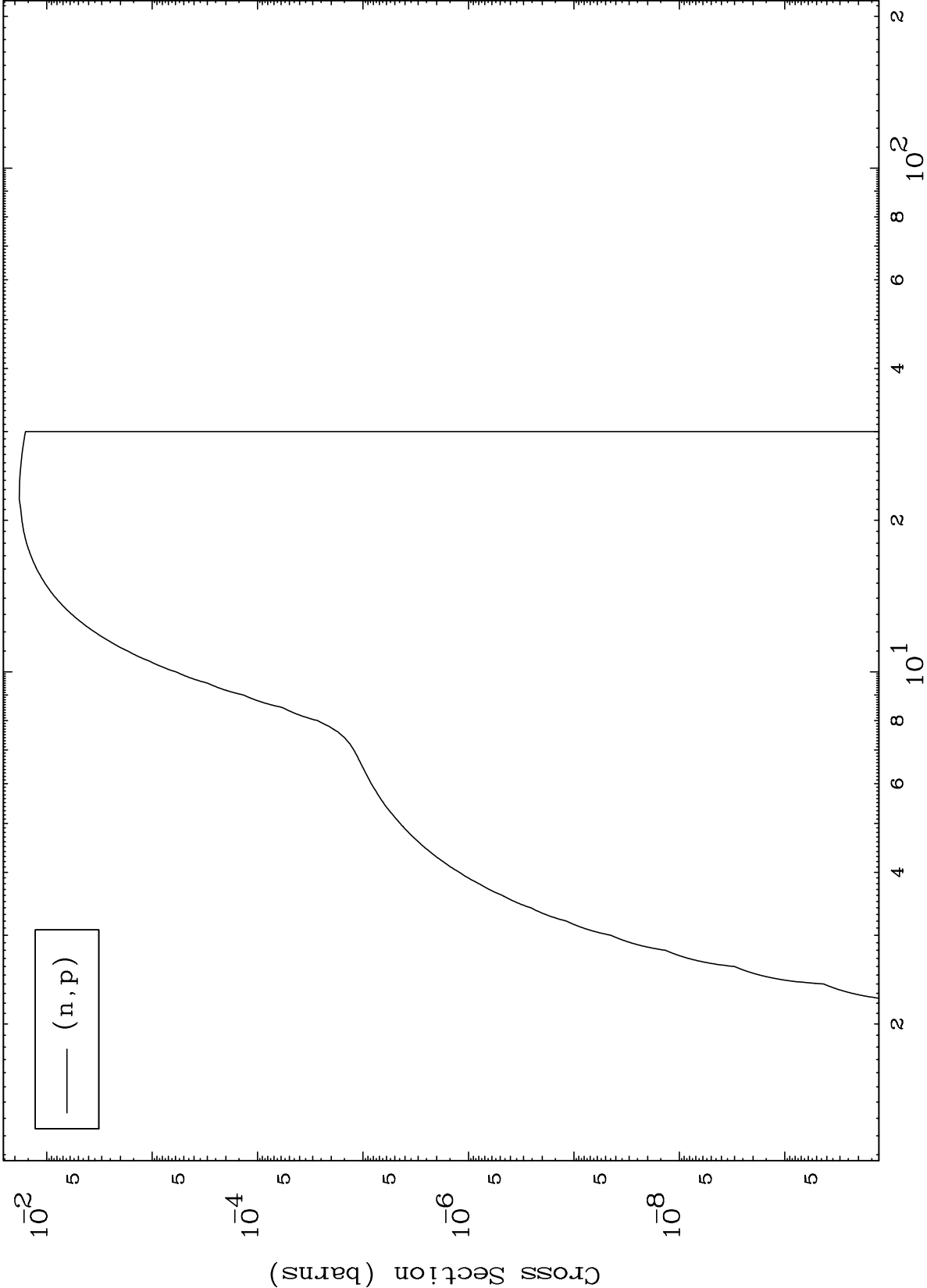












41-Nb-97m



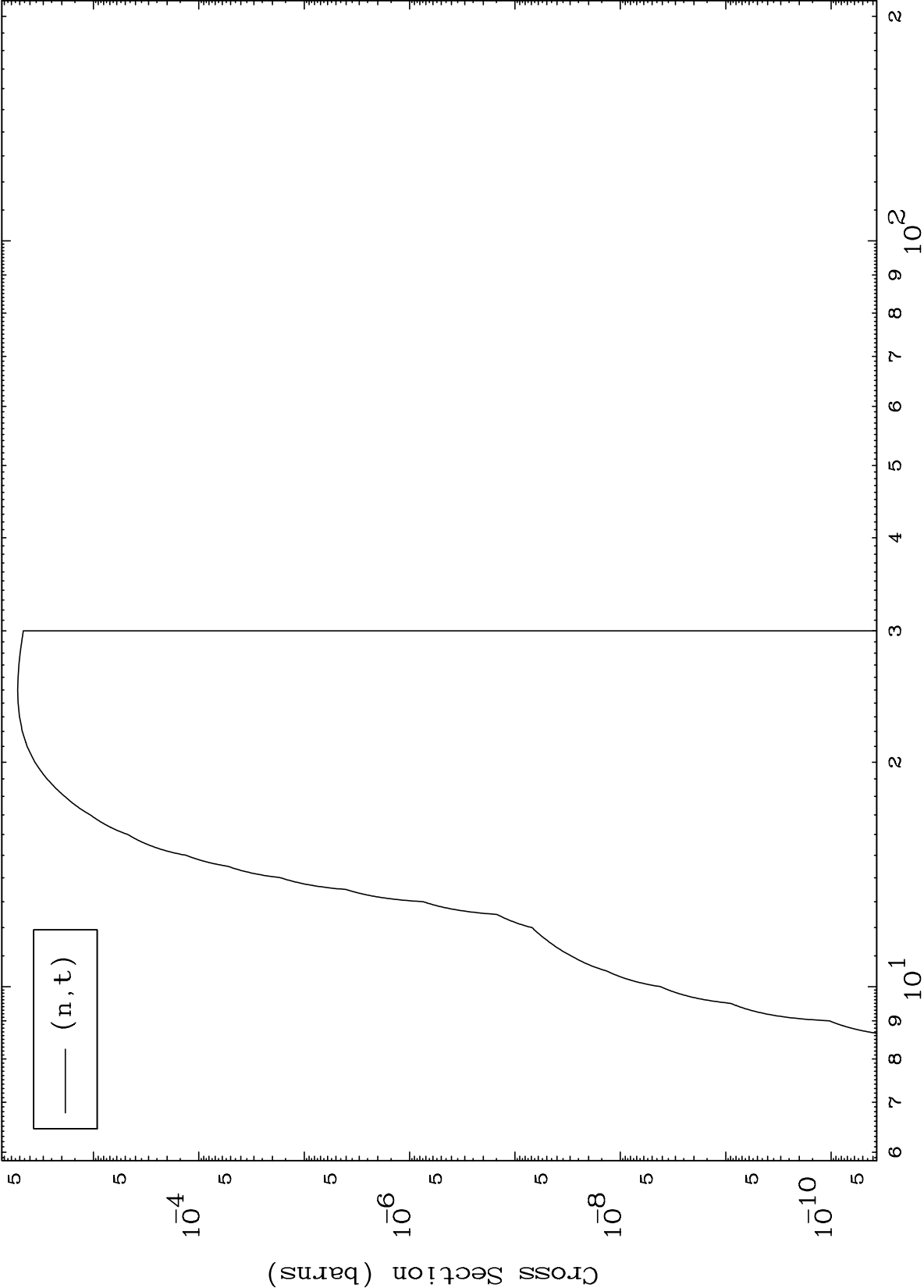
Incident Energy (MeV)

12

MAT 4138

(n,t) Levels
293 Kelvin Cross Sections

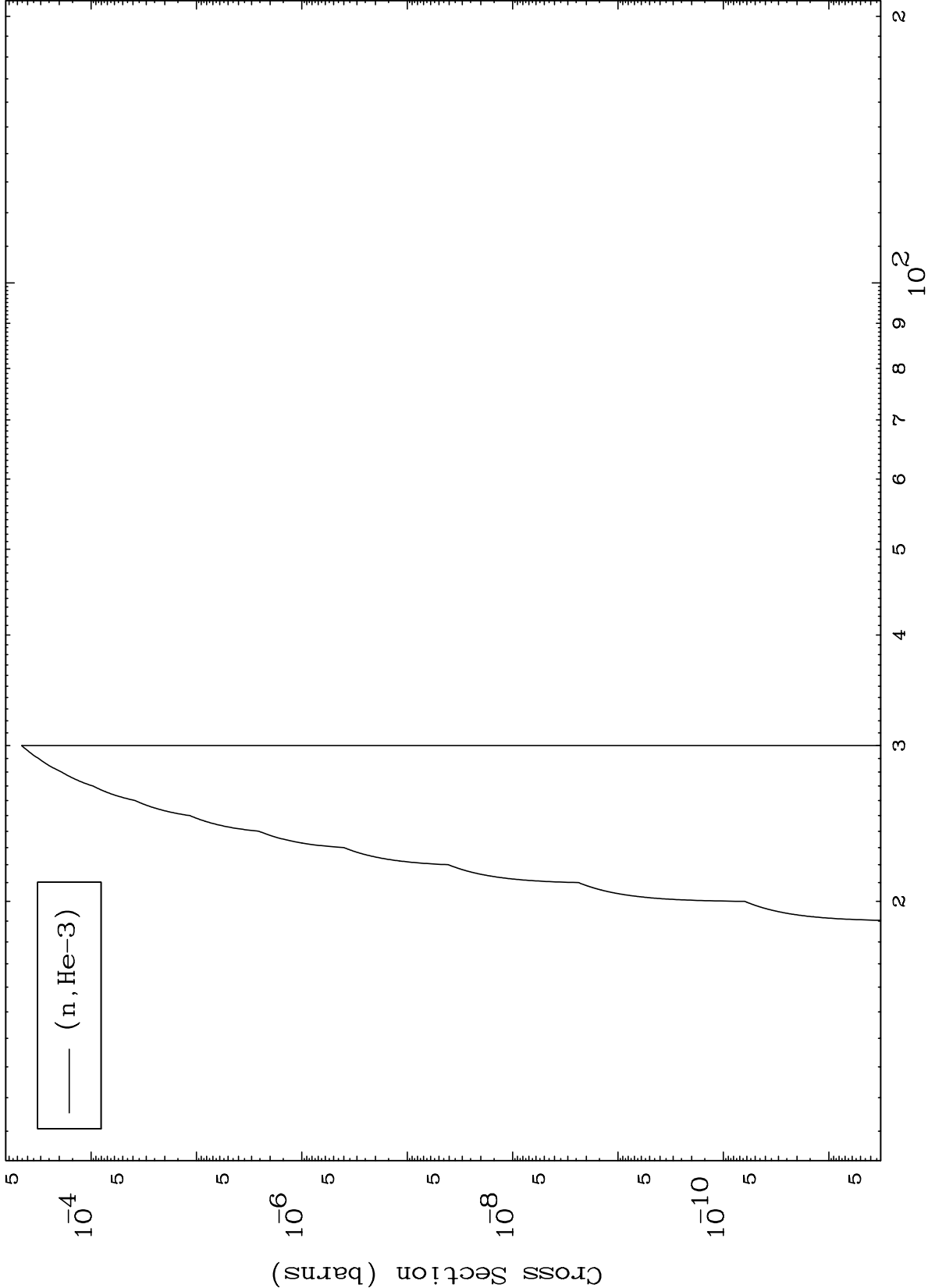
41-Nb-97m



13

Incident Energy (MeV)

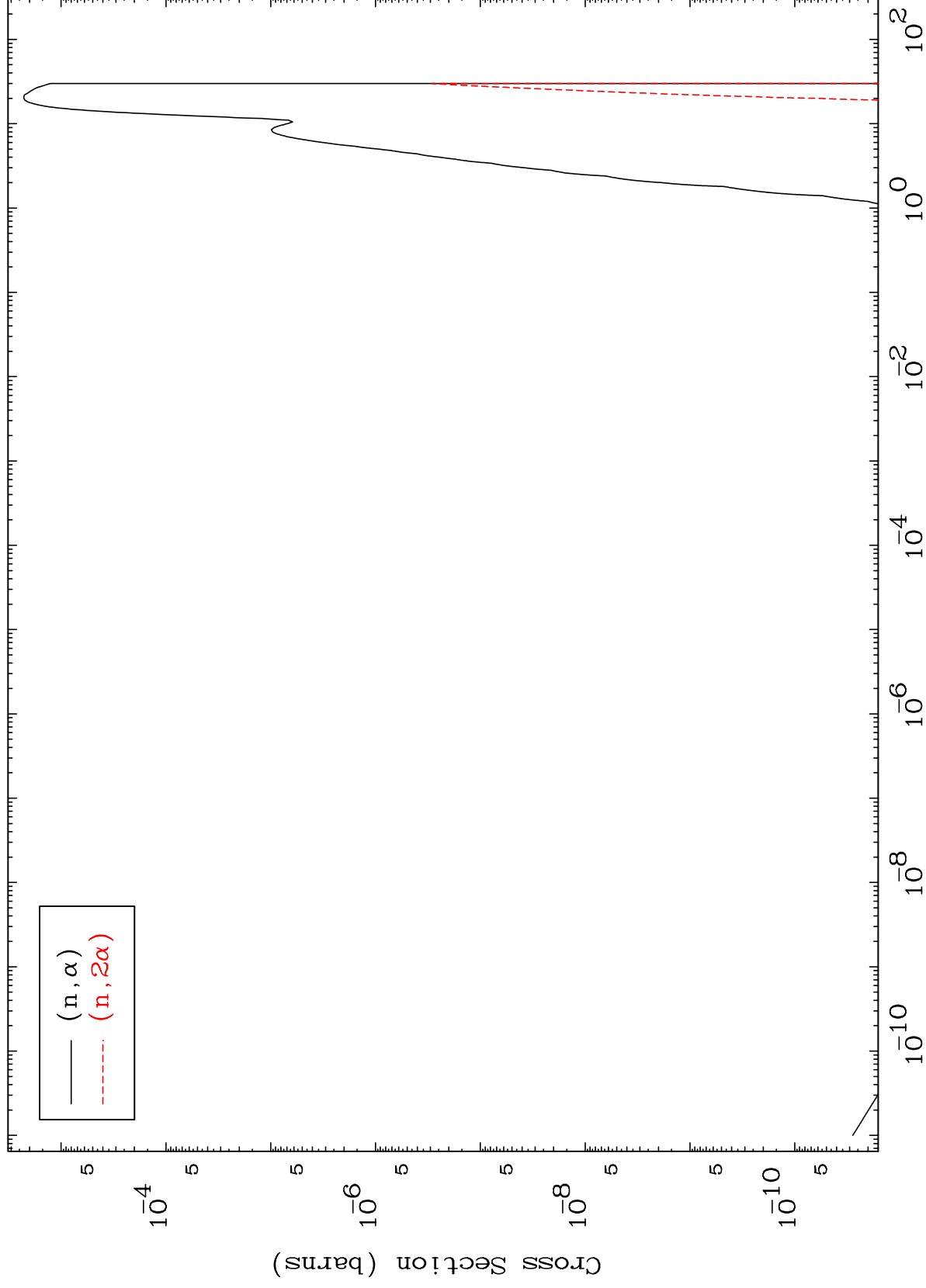
41-Nb-97m



MAT 4138

(n, α) Levels
293 Kelvin Cross Sections

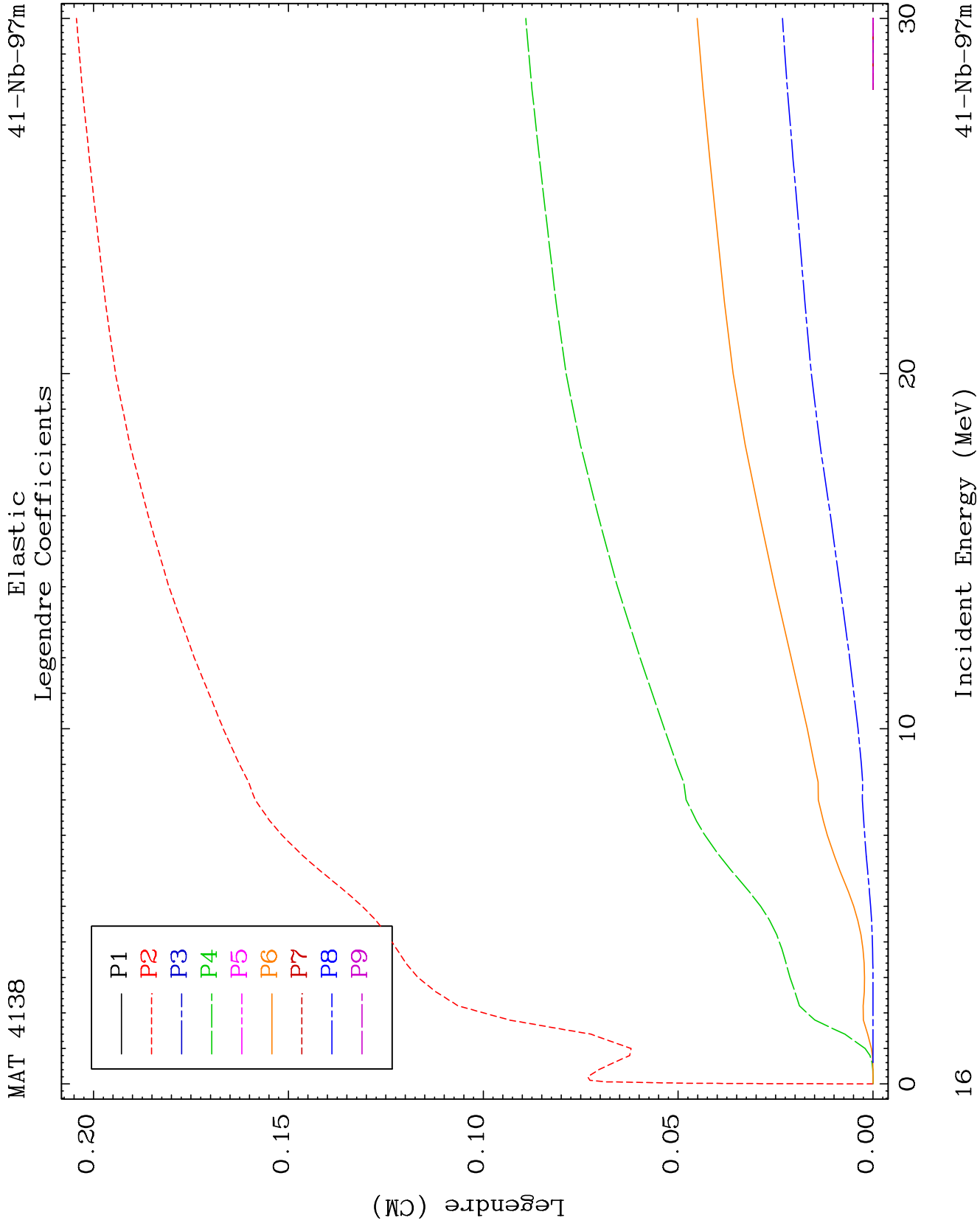
41-Nb-97m



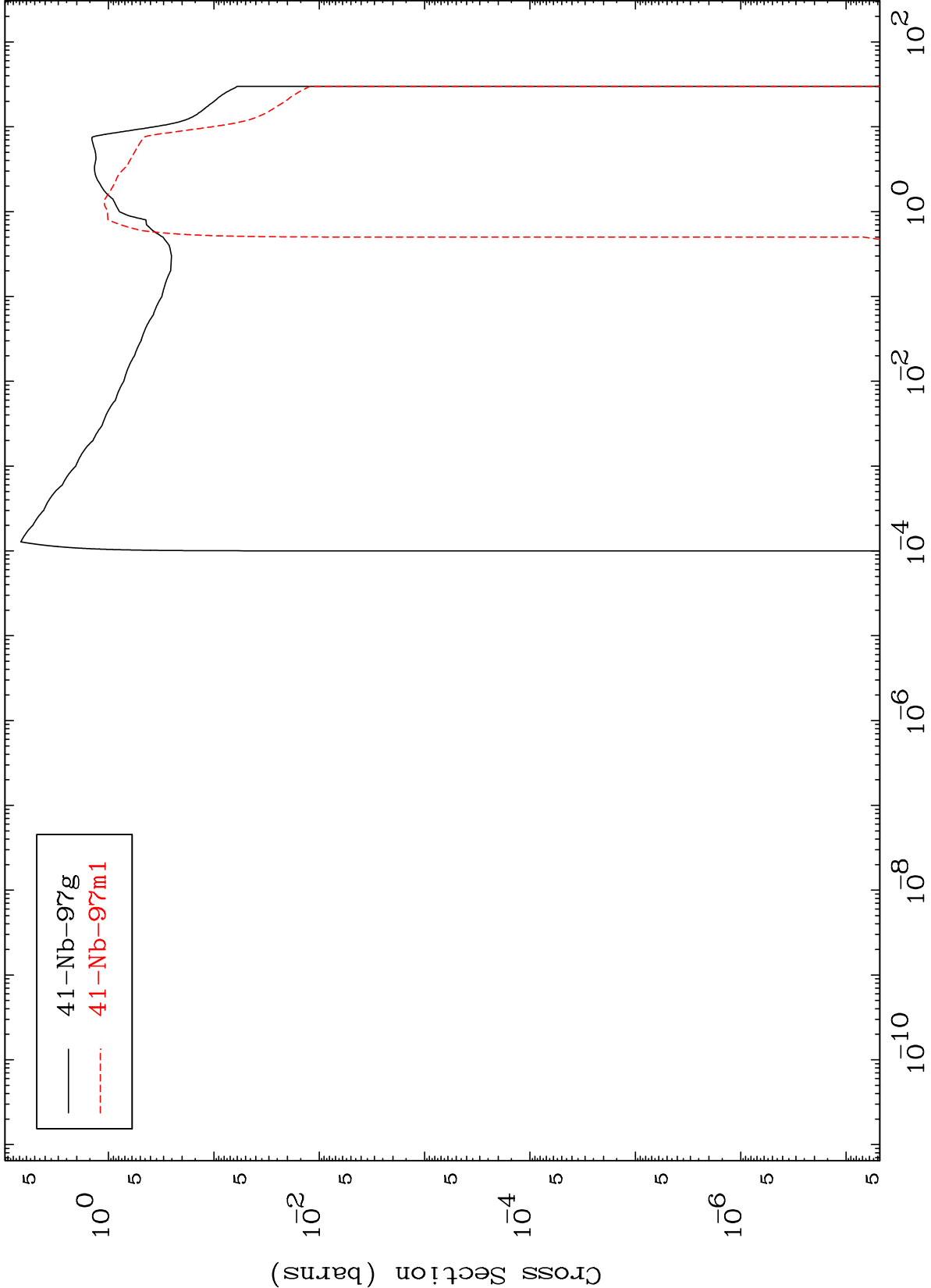
15

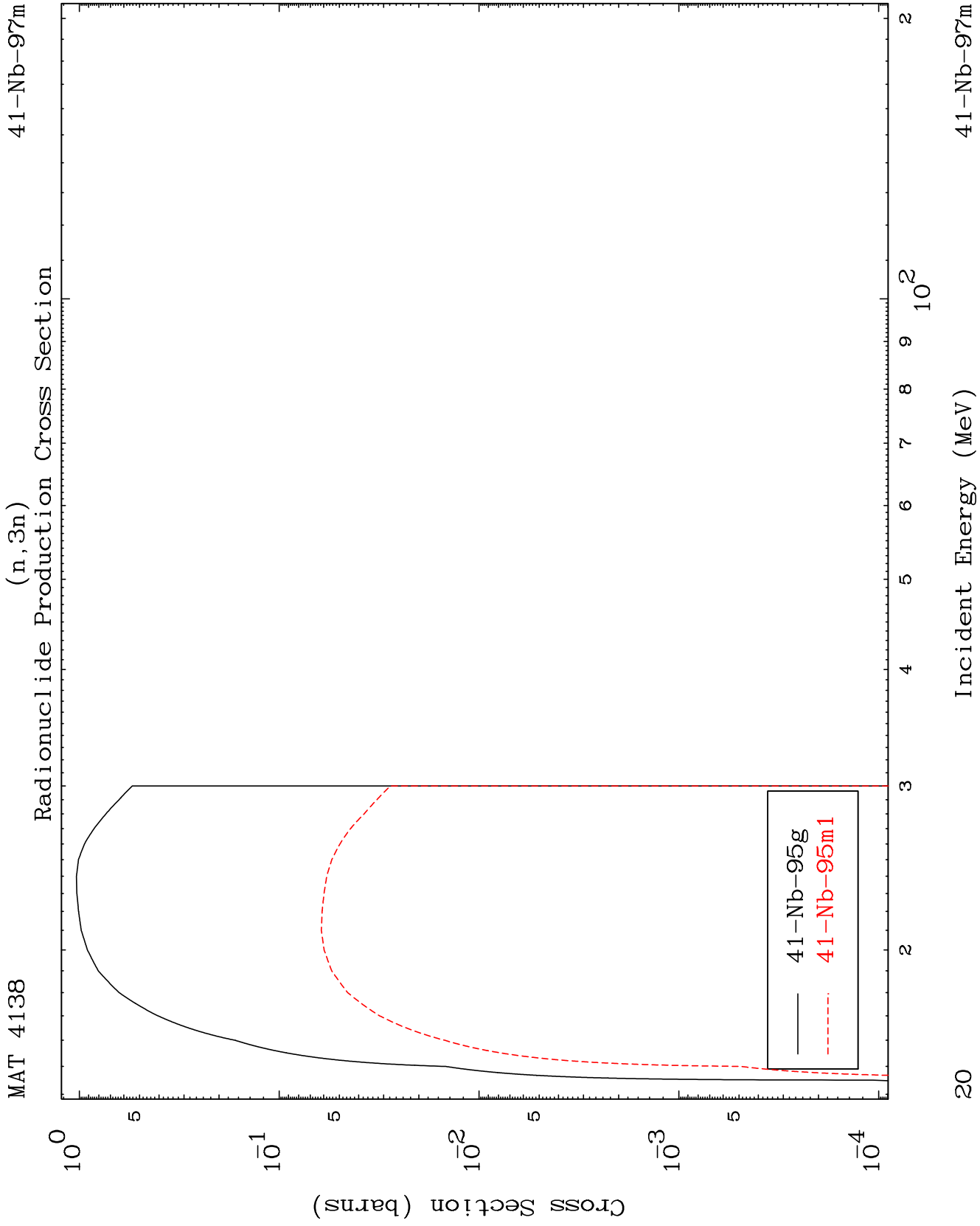
Incident Energy (MeV)

41-Nb-97m



Inelastic
Radionuclide Production Cross Section



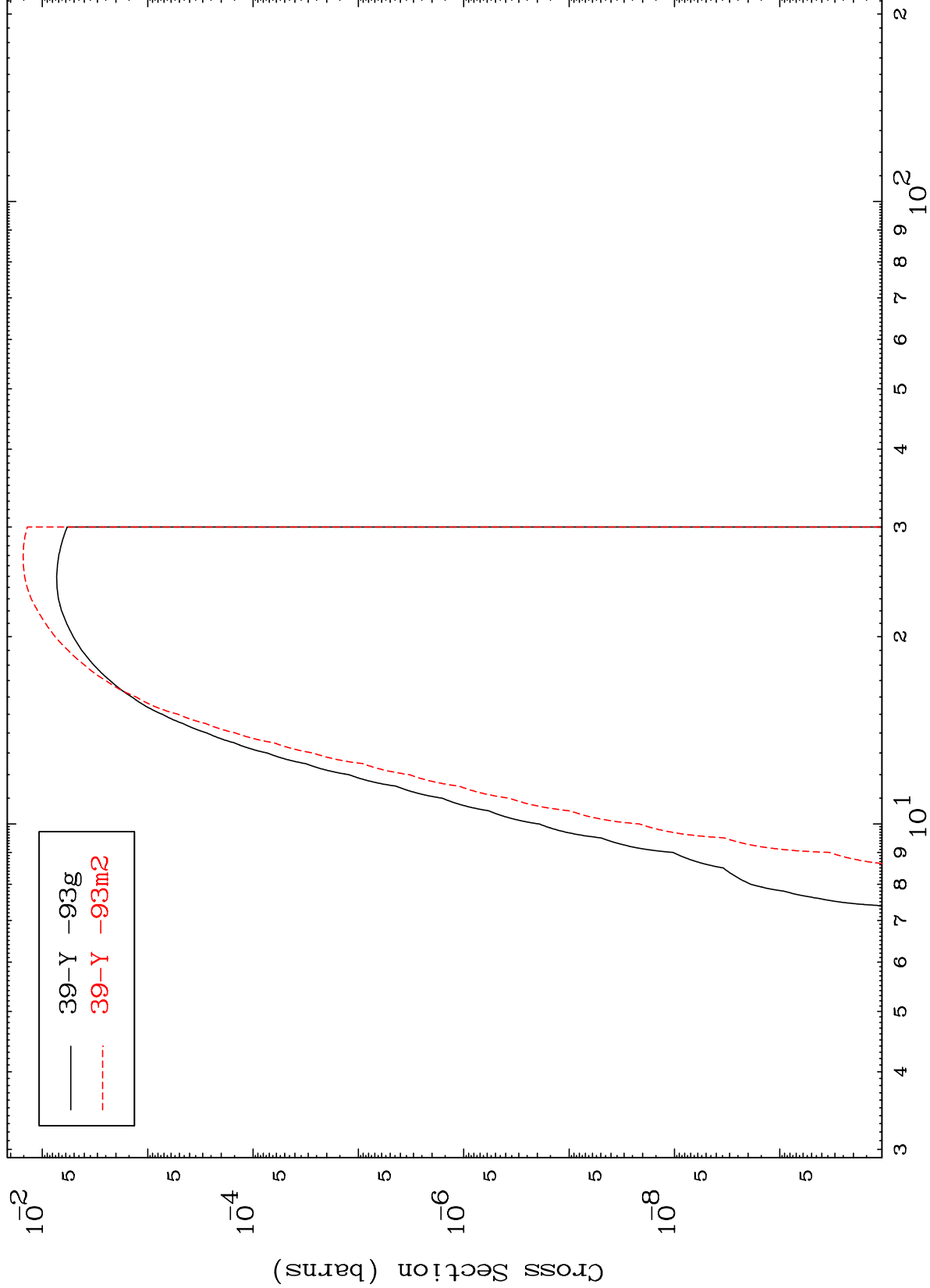


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(n,n') α

41-Nb-97m

Radionuclide Production Cross Section



21

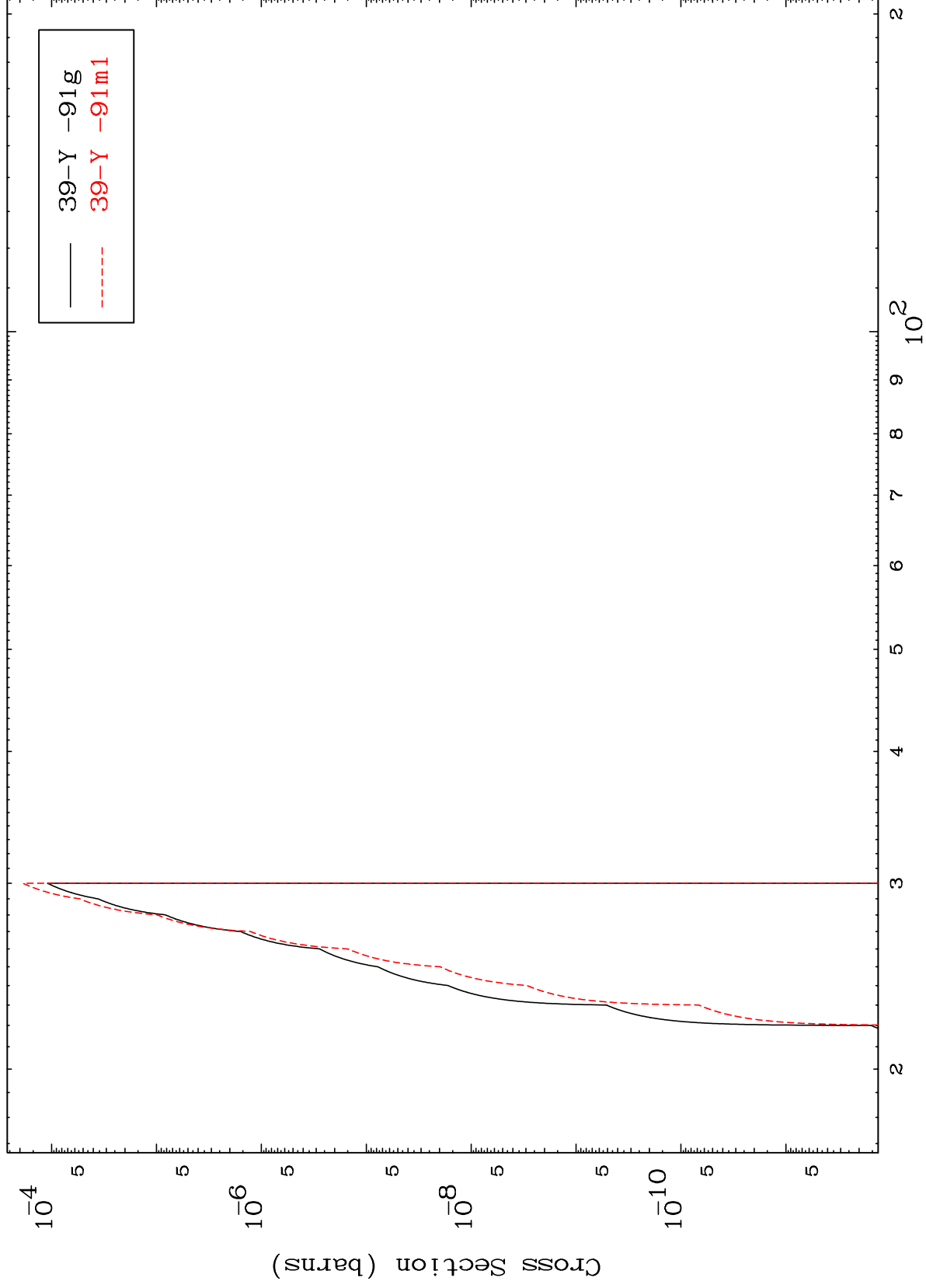
Incident Energy (MeV)

41-Nb-97m

MAT 4138

41-Nb-97m

$(n,3n) \alpha$
Radionuclide Production Cross Section



22

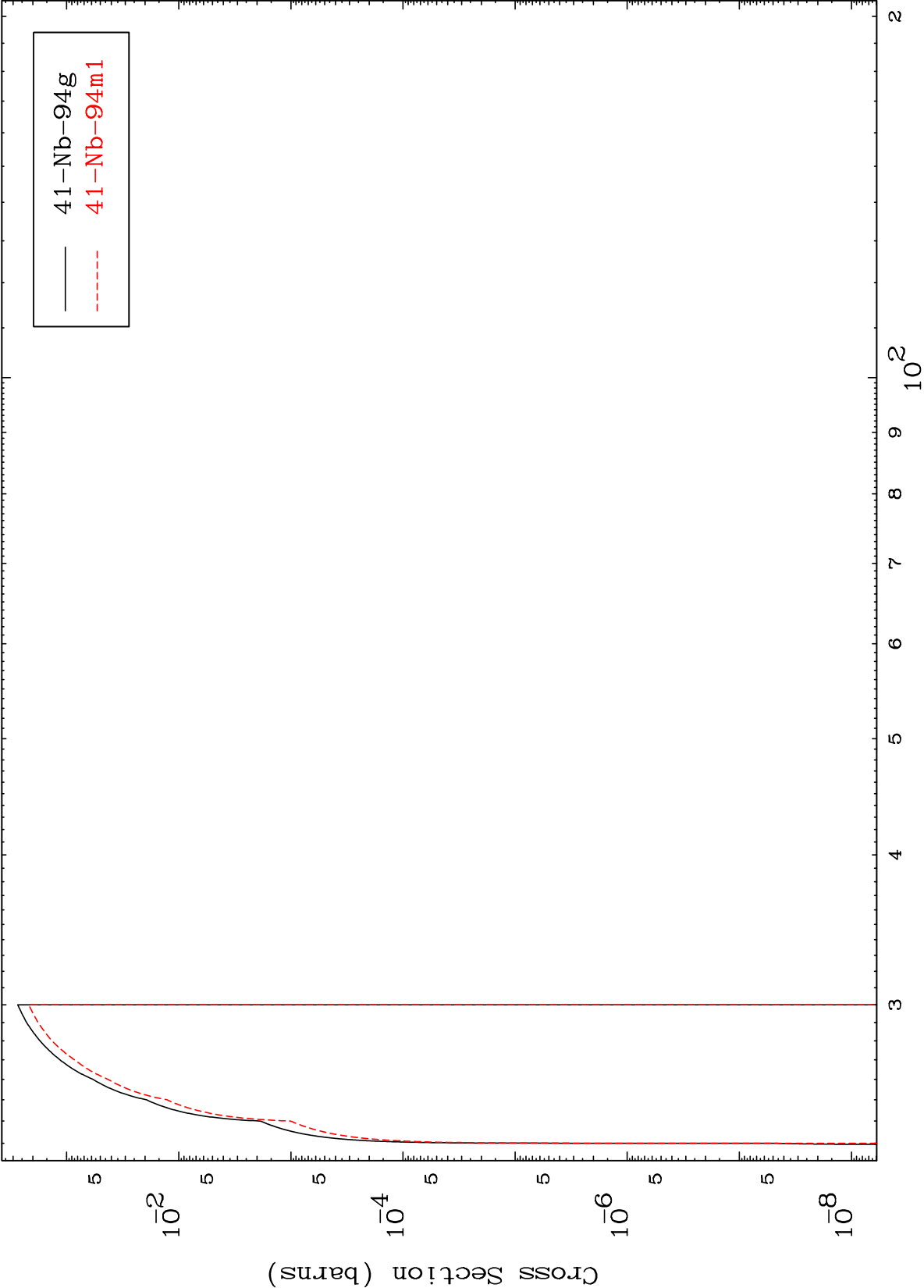
Incident Energy (MeV)

41-Nb-97m

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41-Nb-97m

(n,4n)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

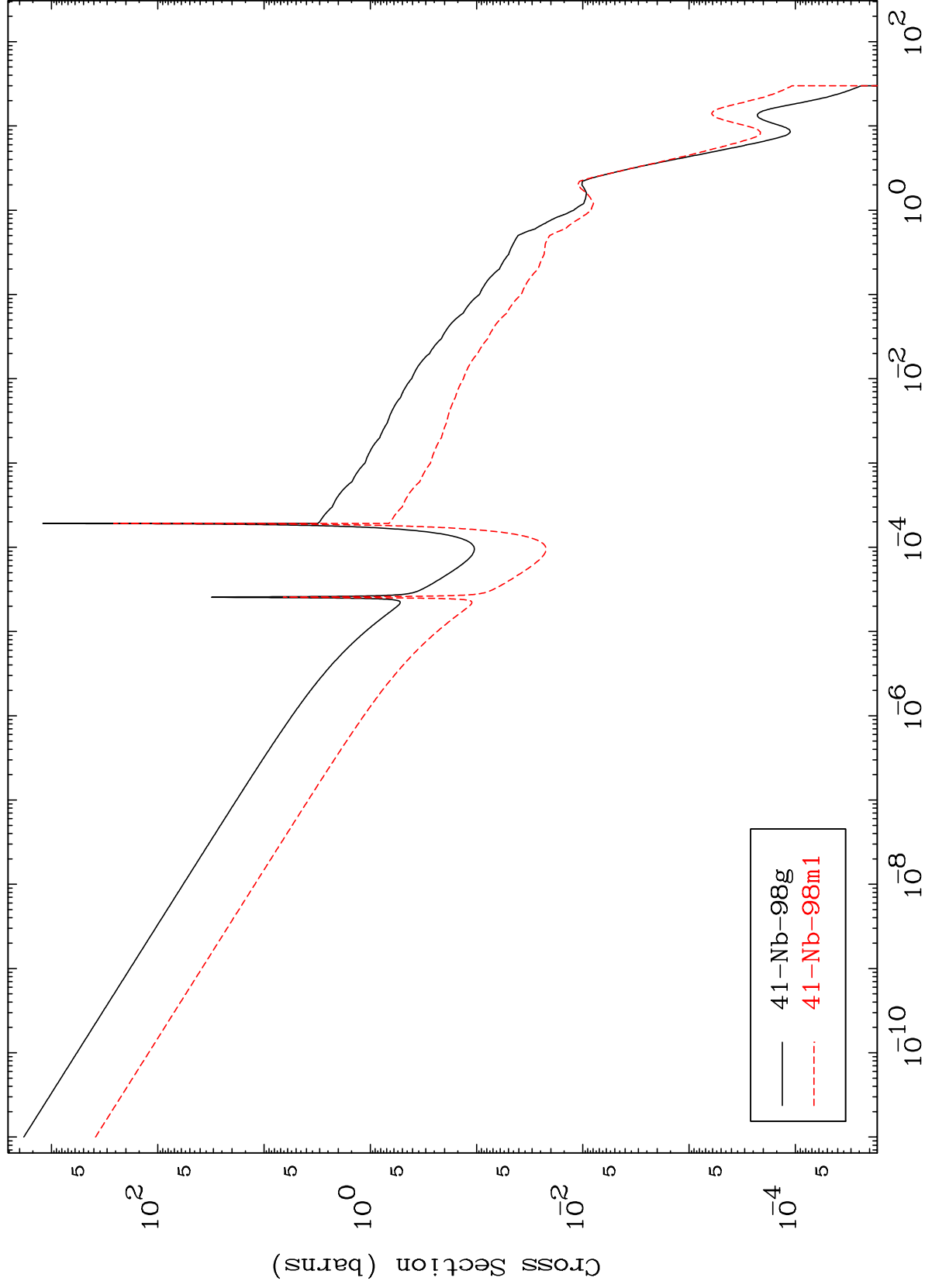
41-Nb-97m

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41-Nb-97m

Radionuclide Production Cross Section

(n, γ)



24

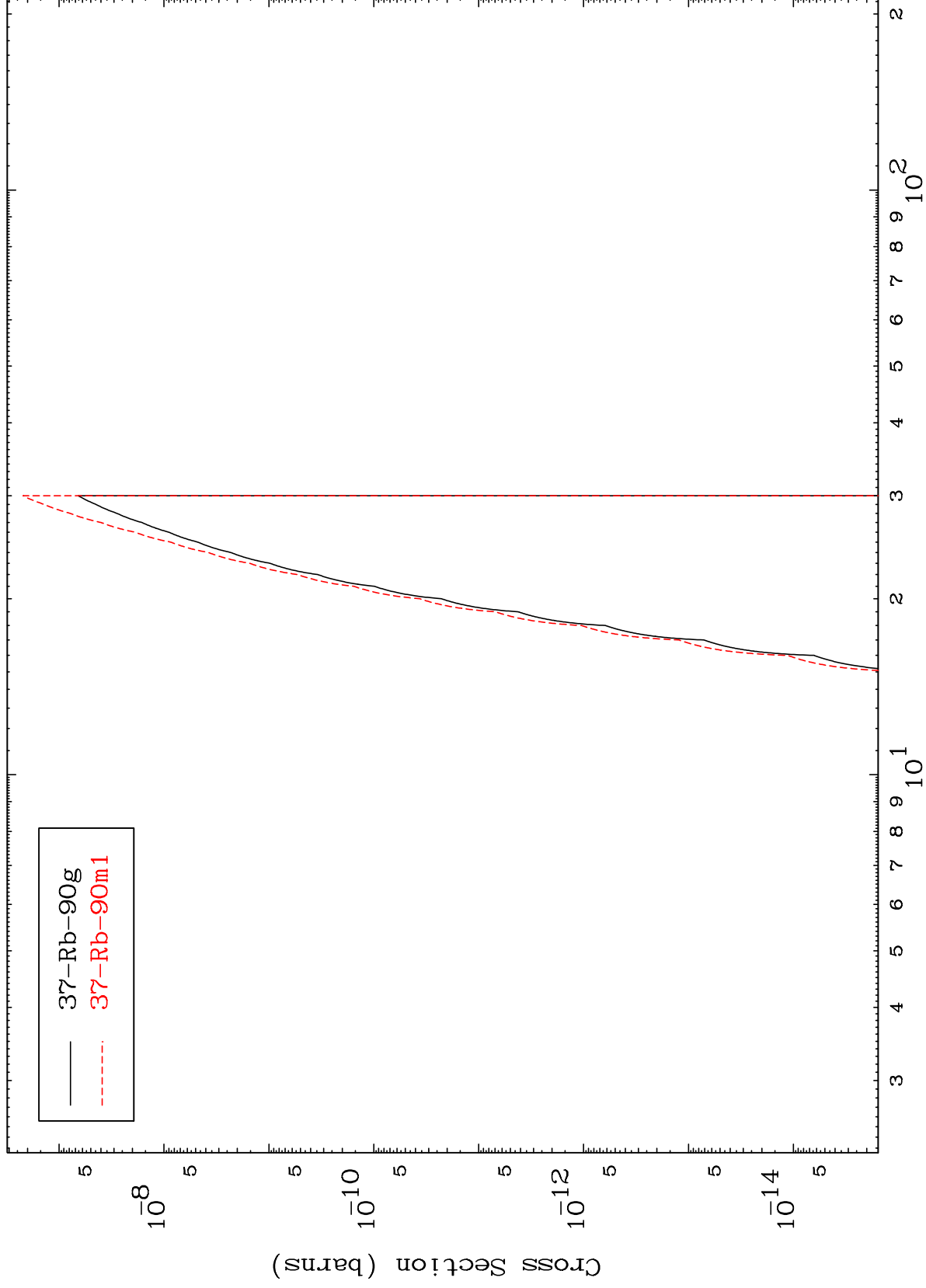
Incident Energy (MeV)

41-Nb-97m

MAT 4138

41-Nb-97m

(n,2α)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

41-Nb-97m

