

Program EVALPLOT
(Version 2021-1)

by

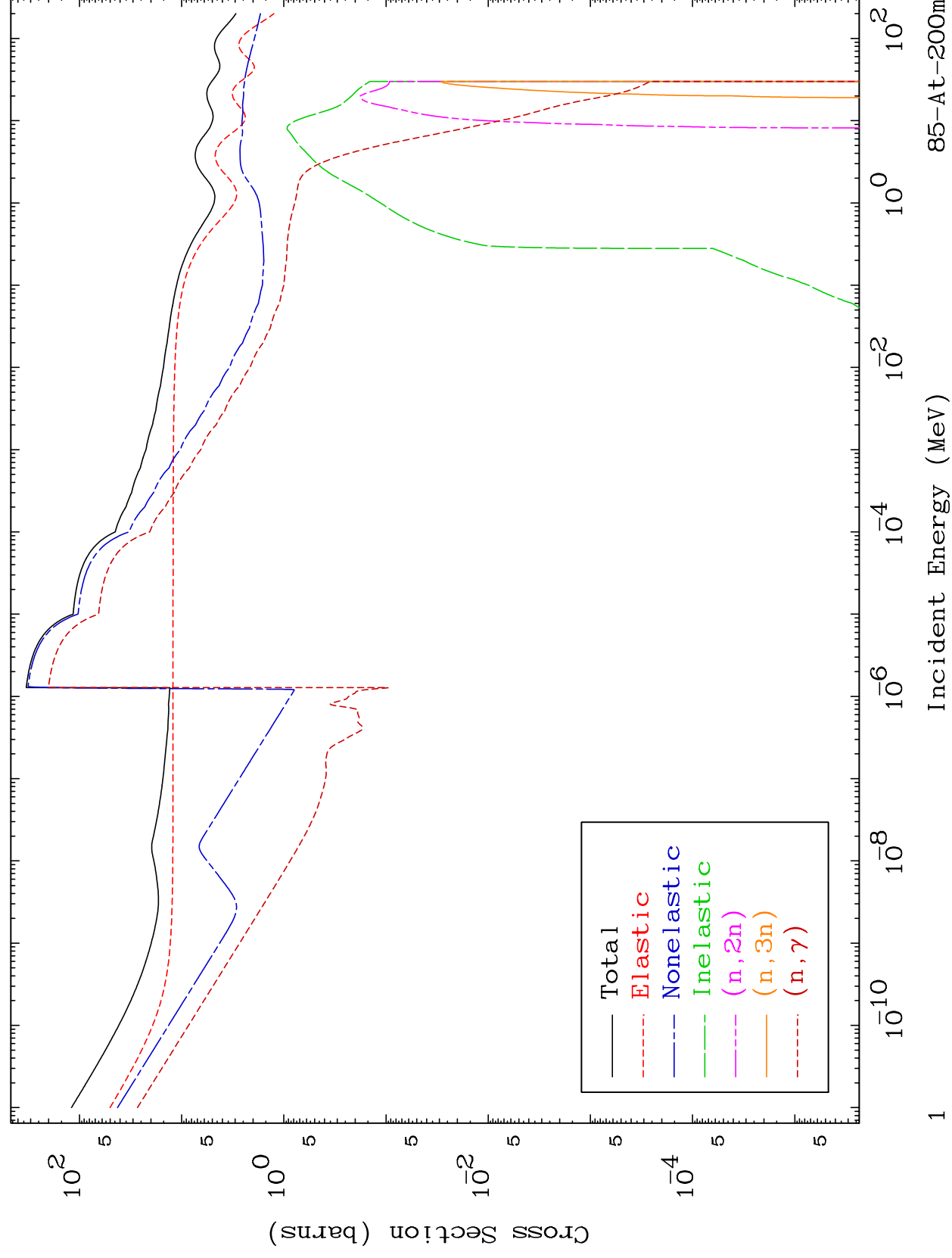
Dermott E. Cullen
(Present Contact Information)

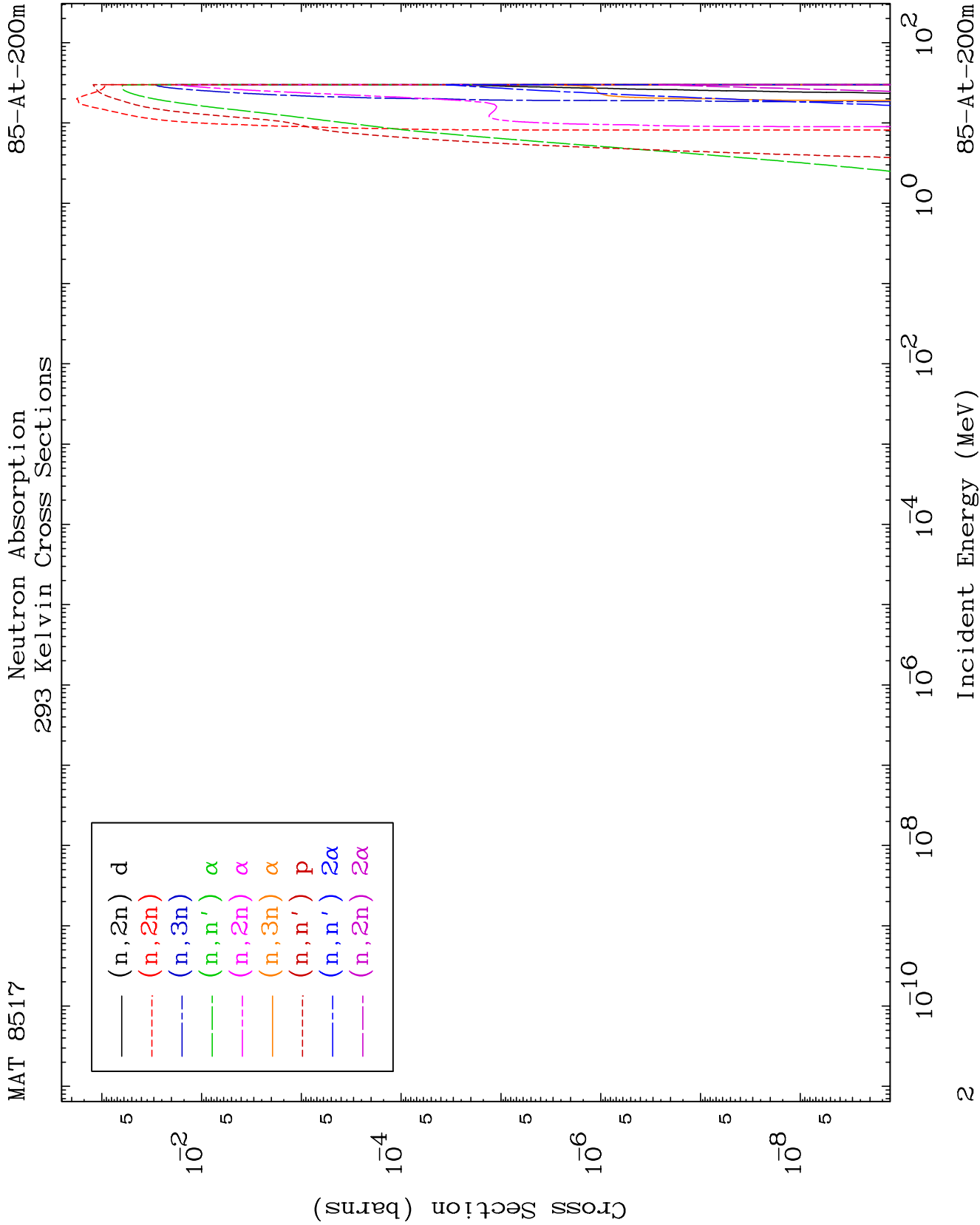
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

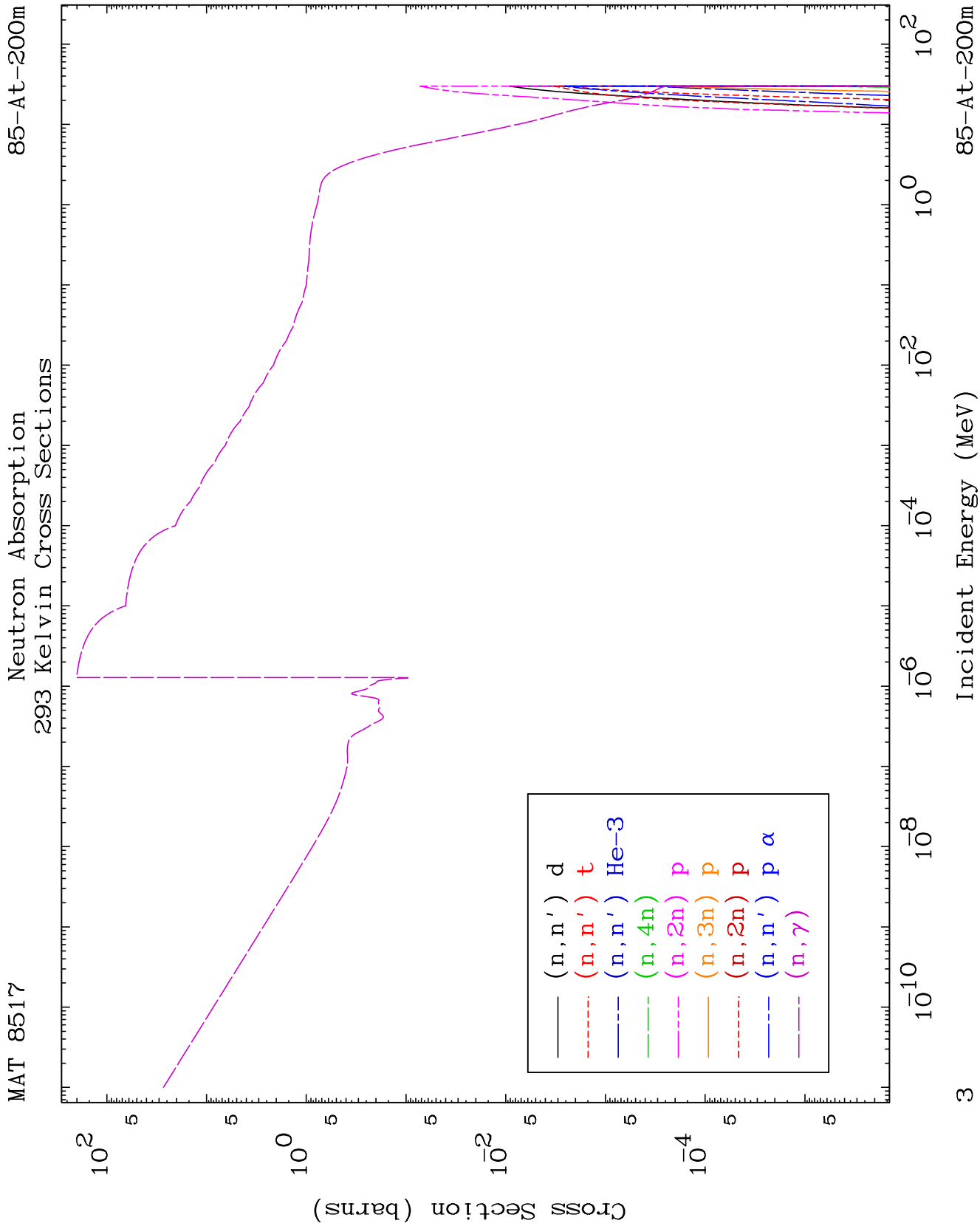
Tele: 925-443-1911

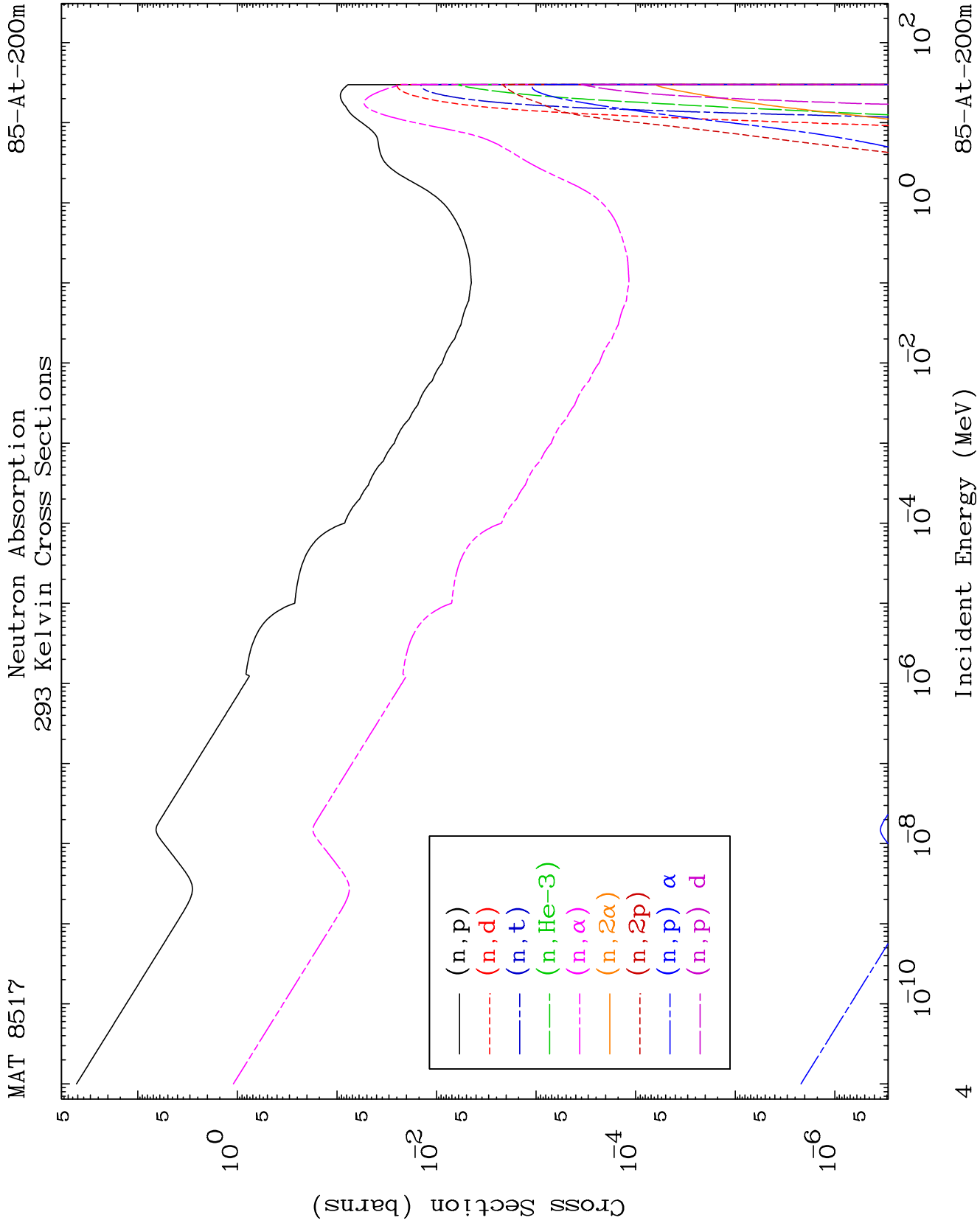
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

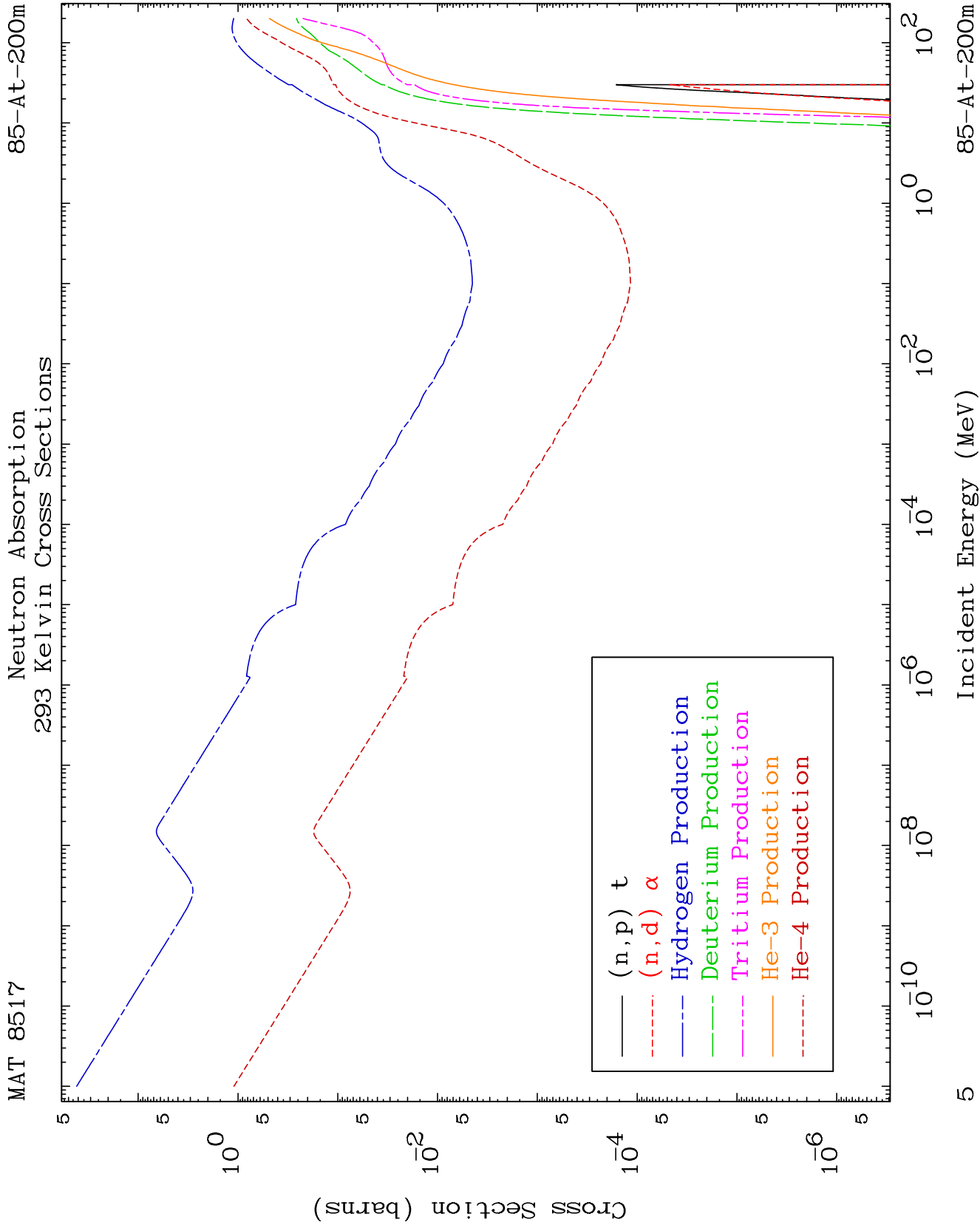
Press Mouse Button to Start

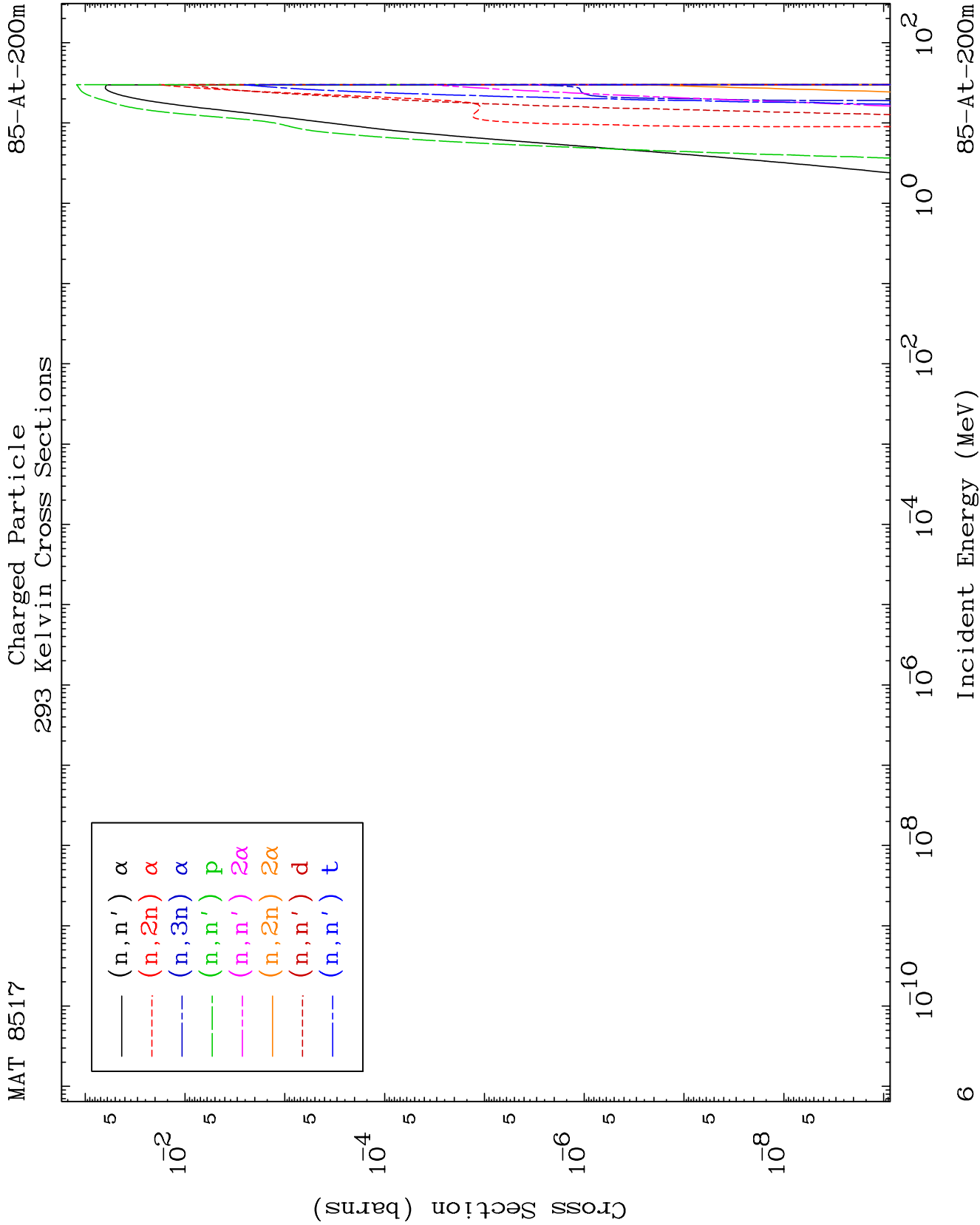


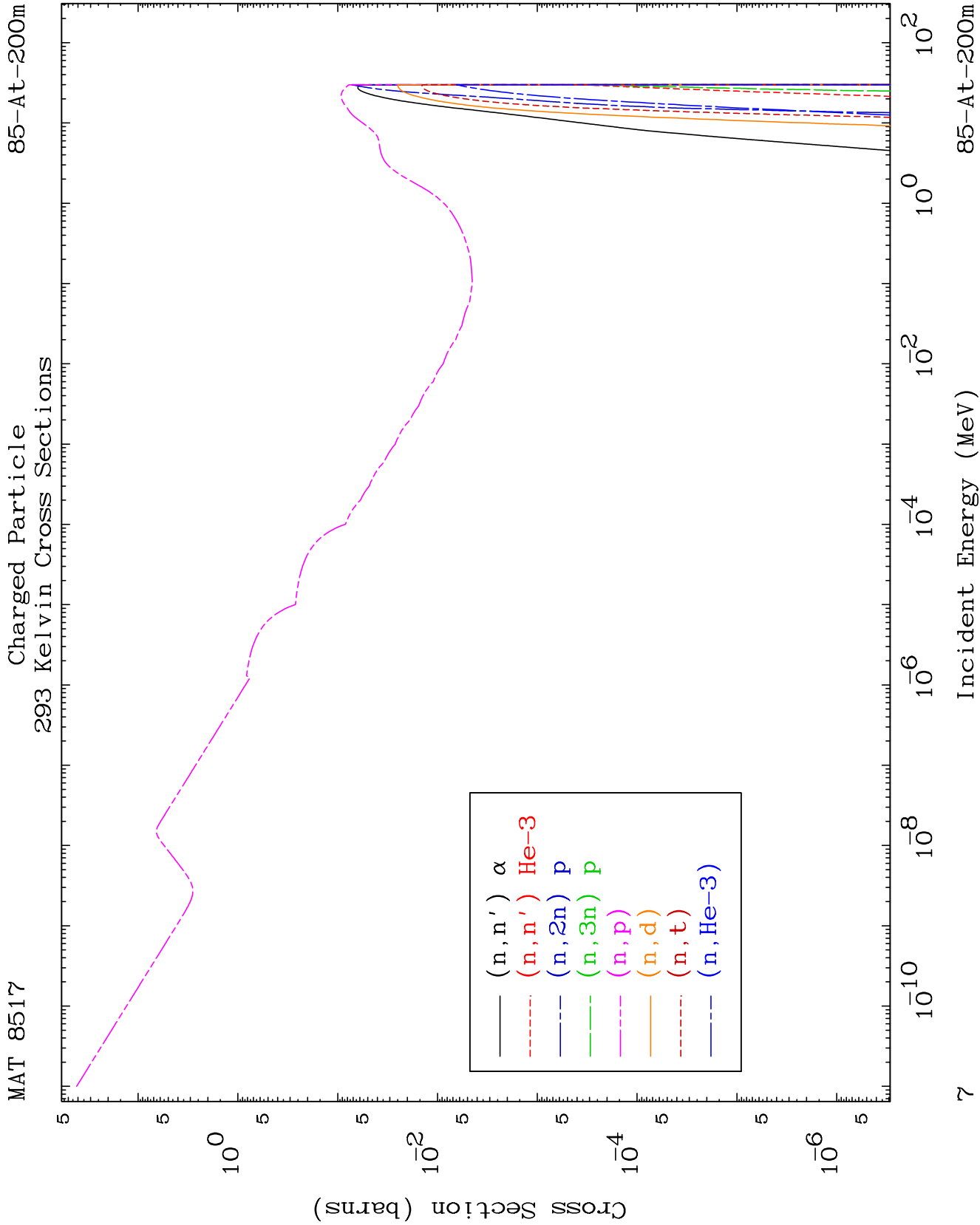


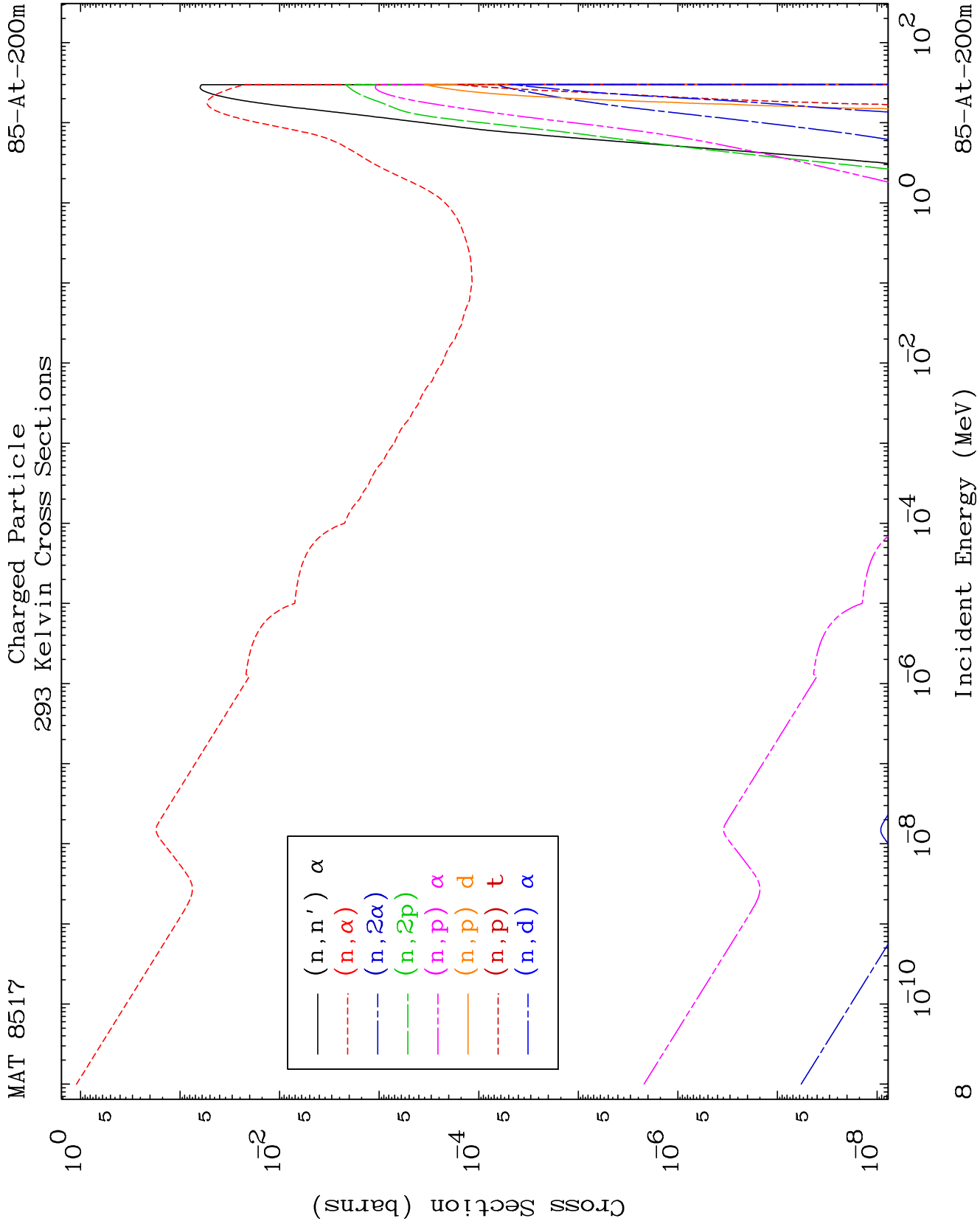


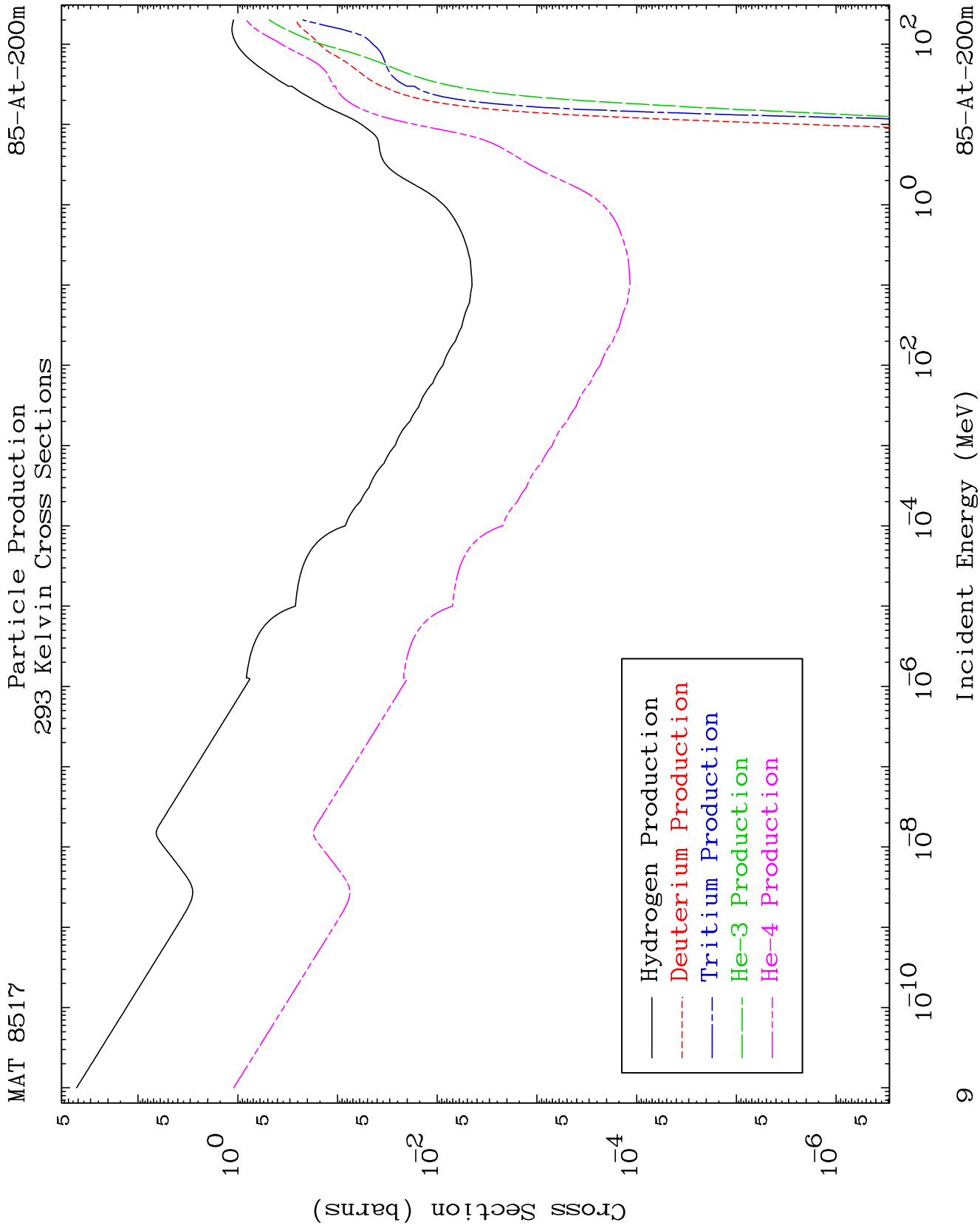


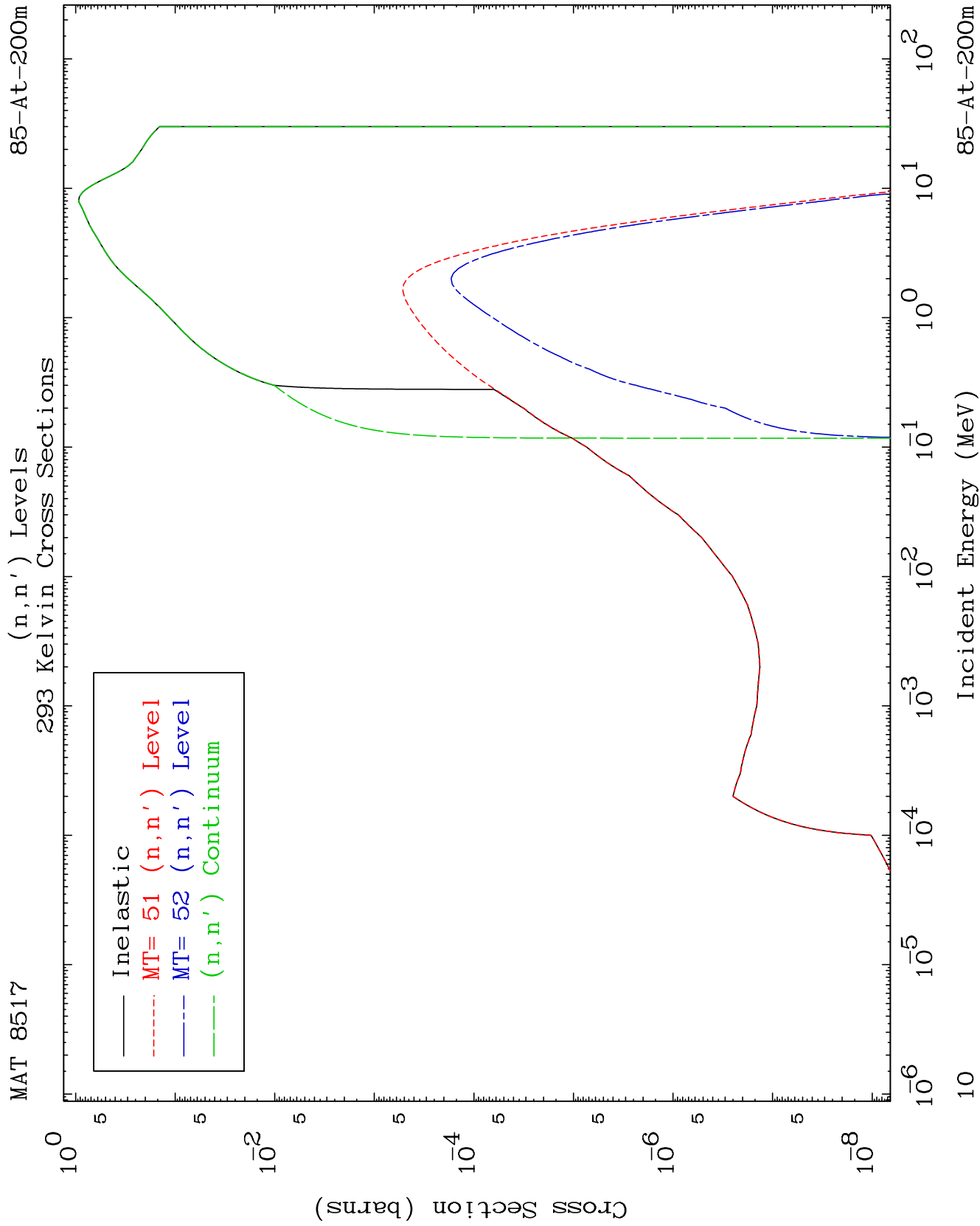


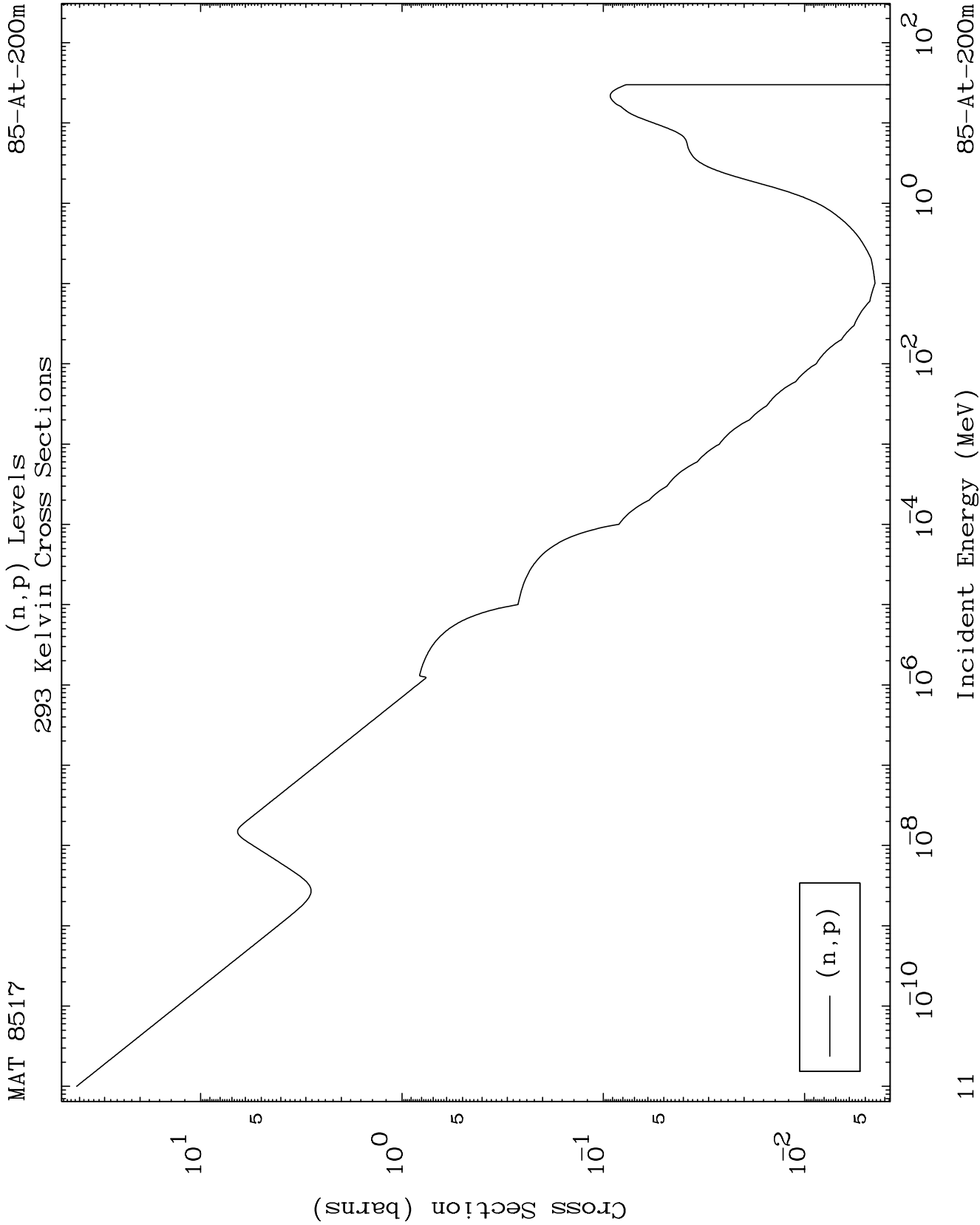


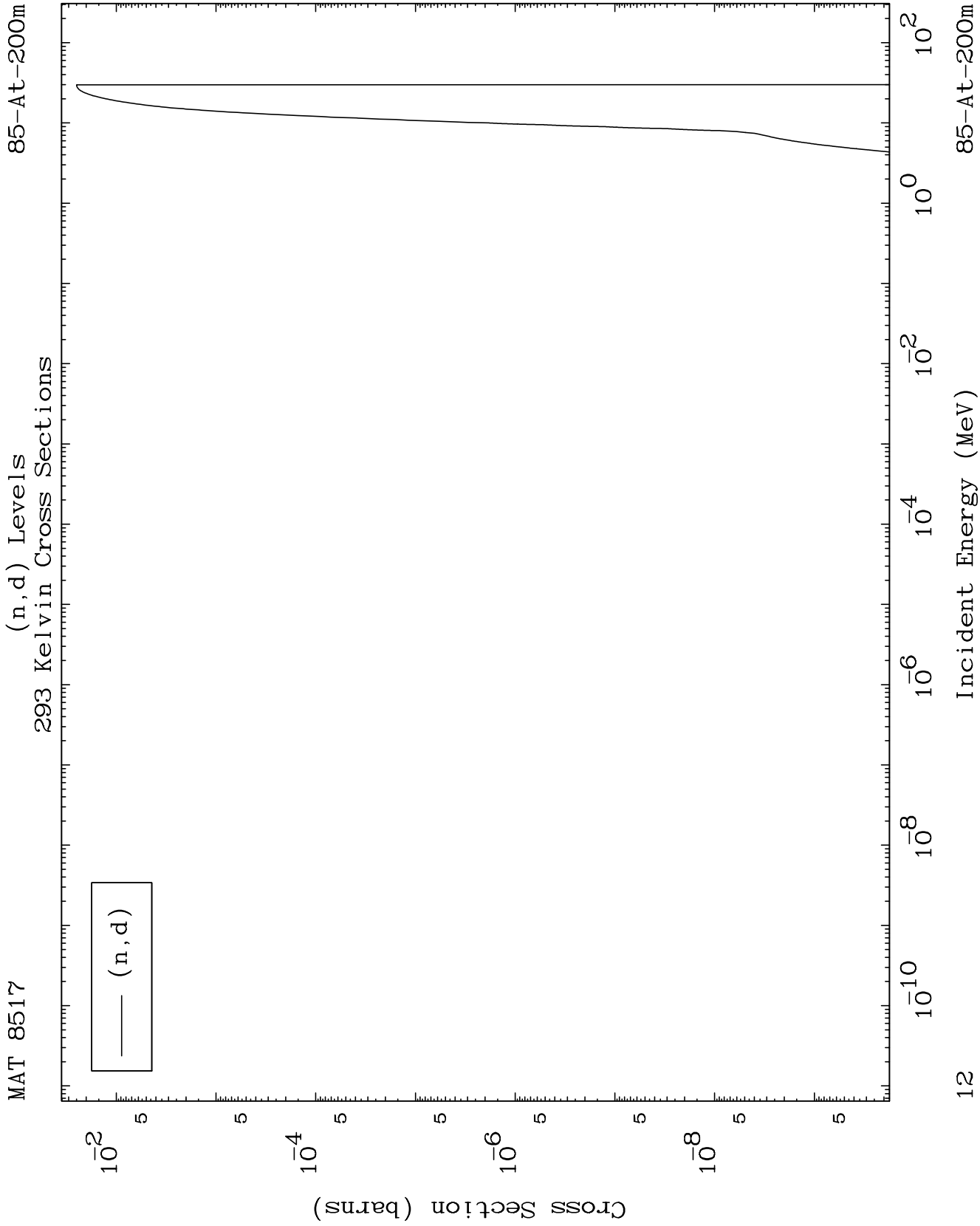








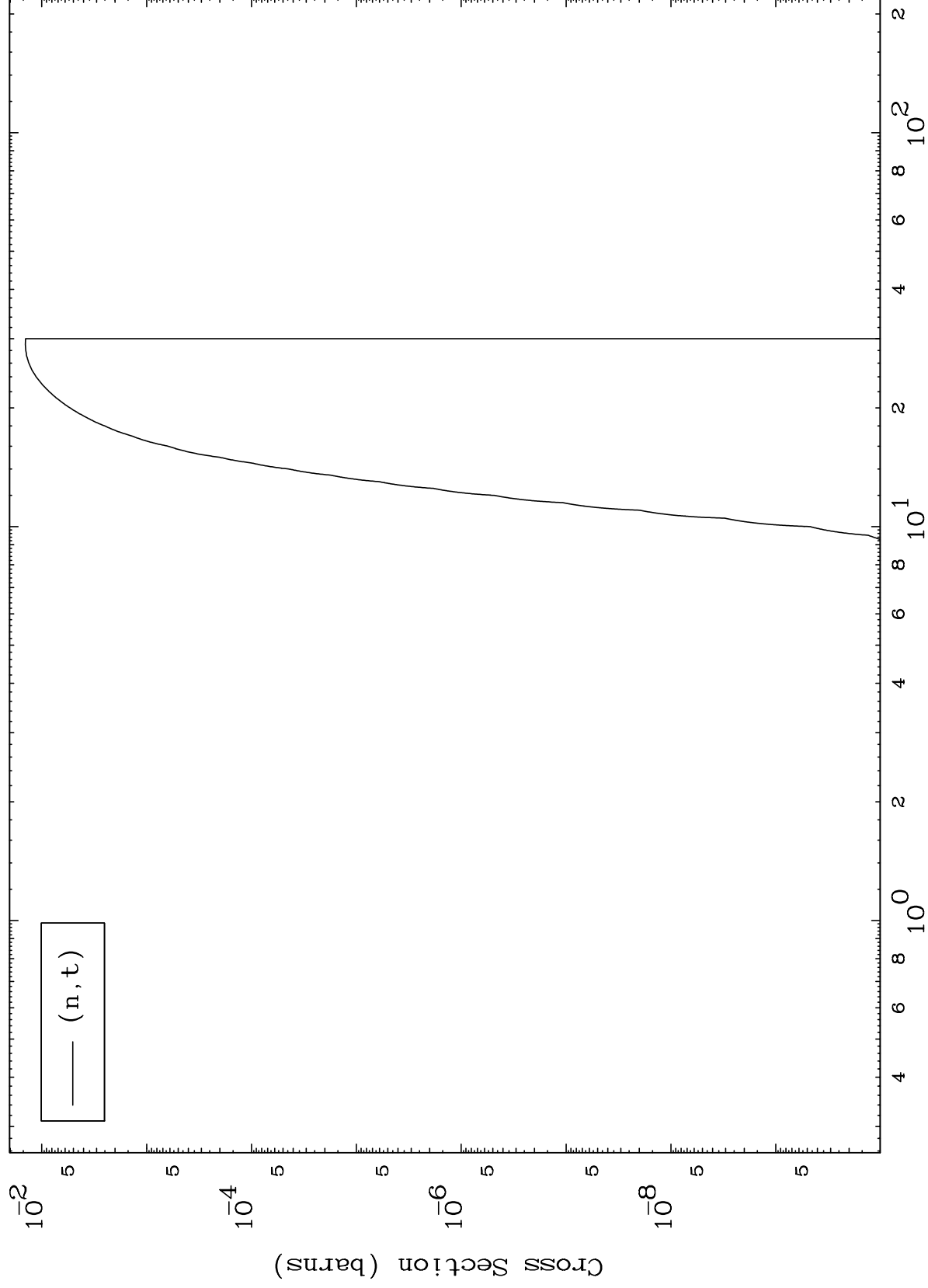




MAT 8517

85-At-200m

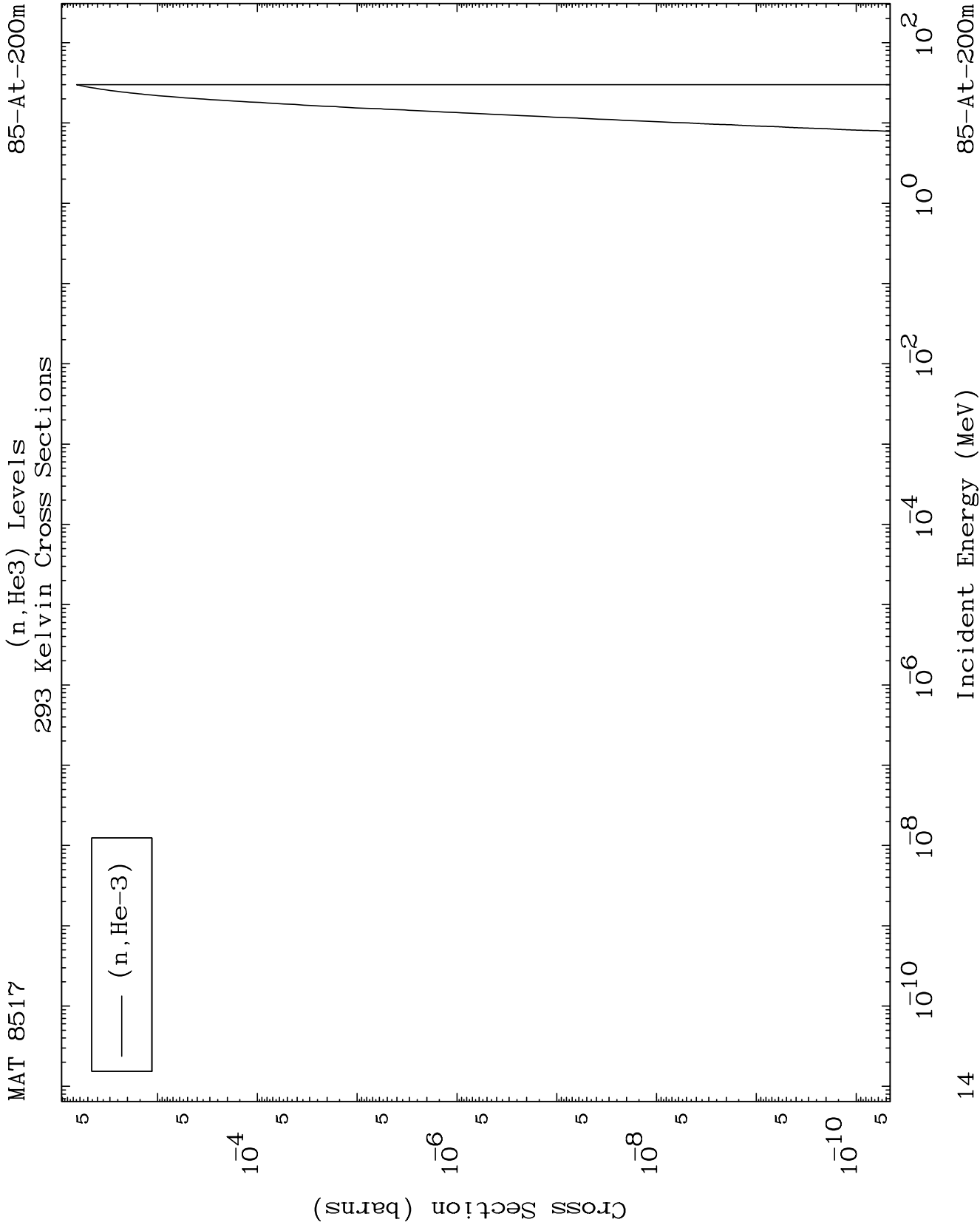
(n,t) Levels
293 Kelvin Cross Sections

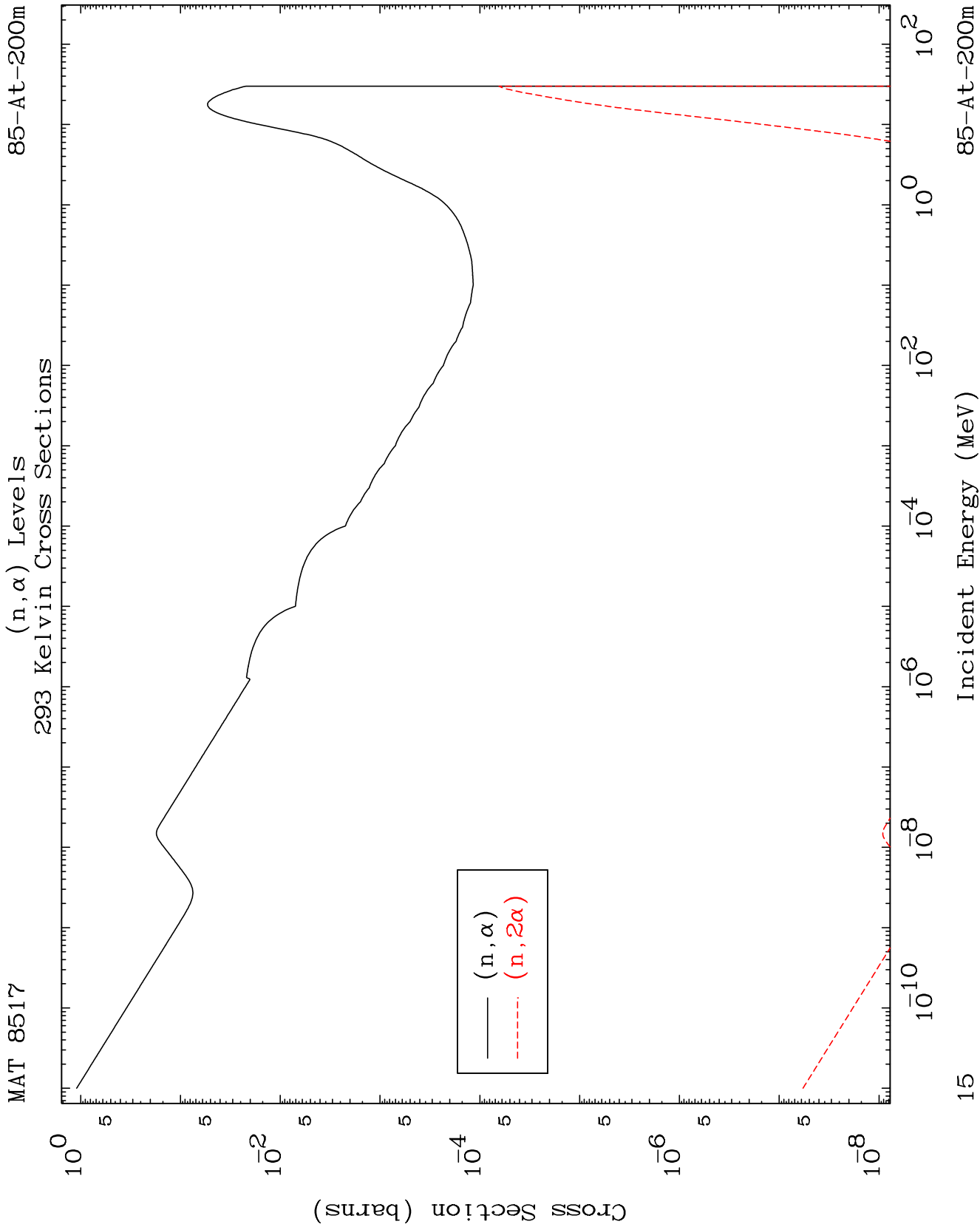


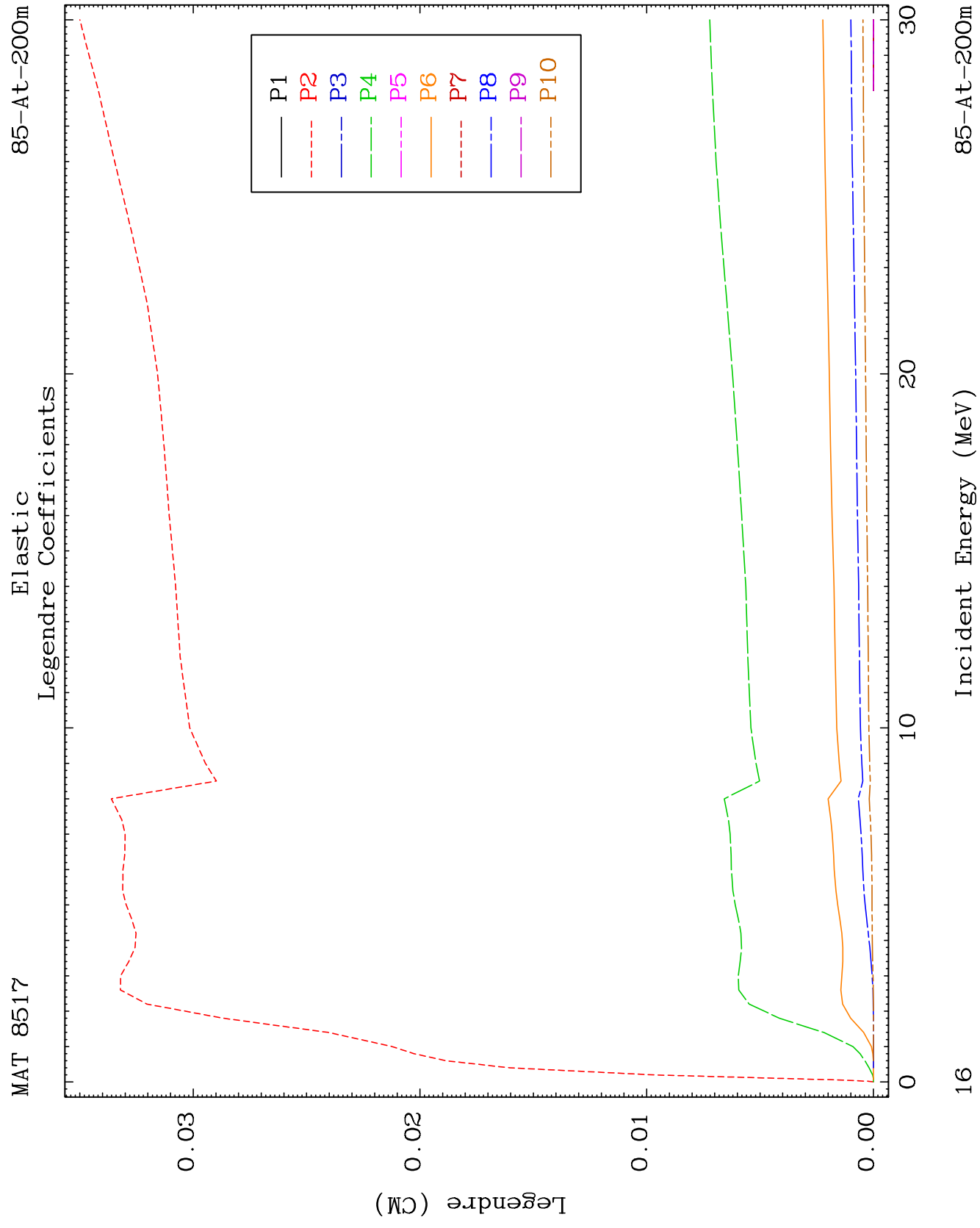
13

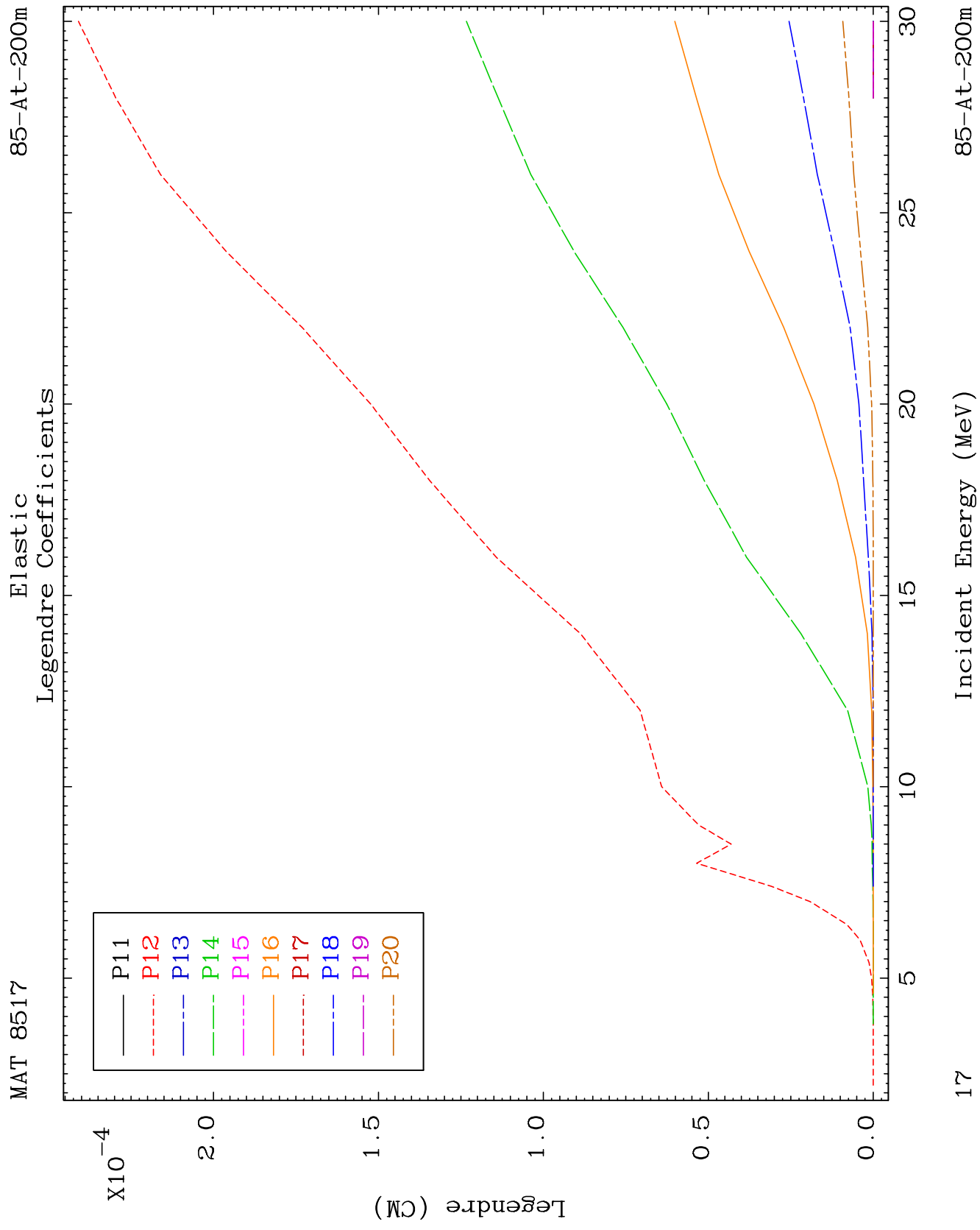
Incident Energy (MeV)

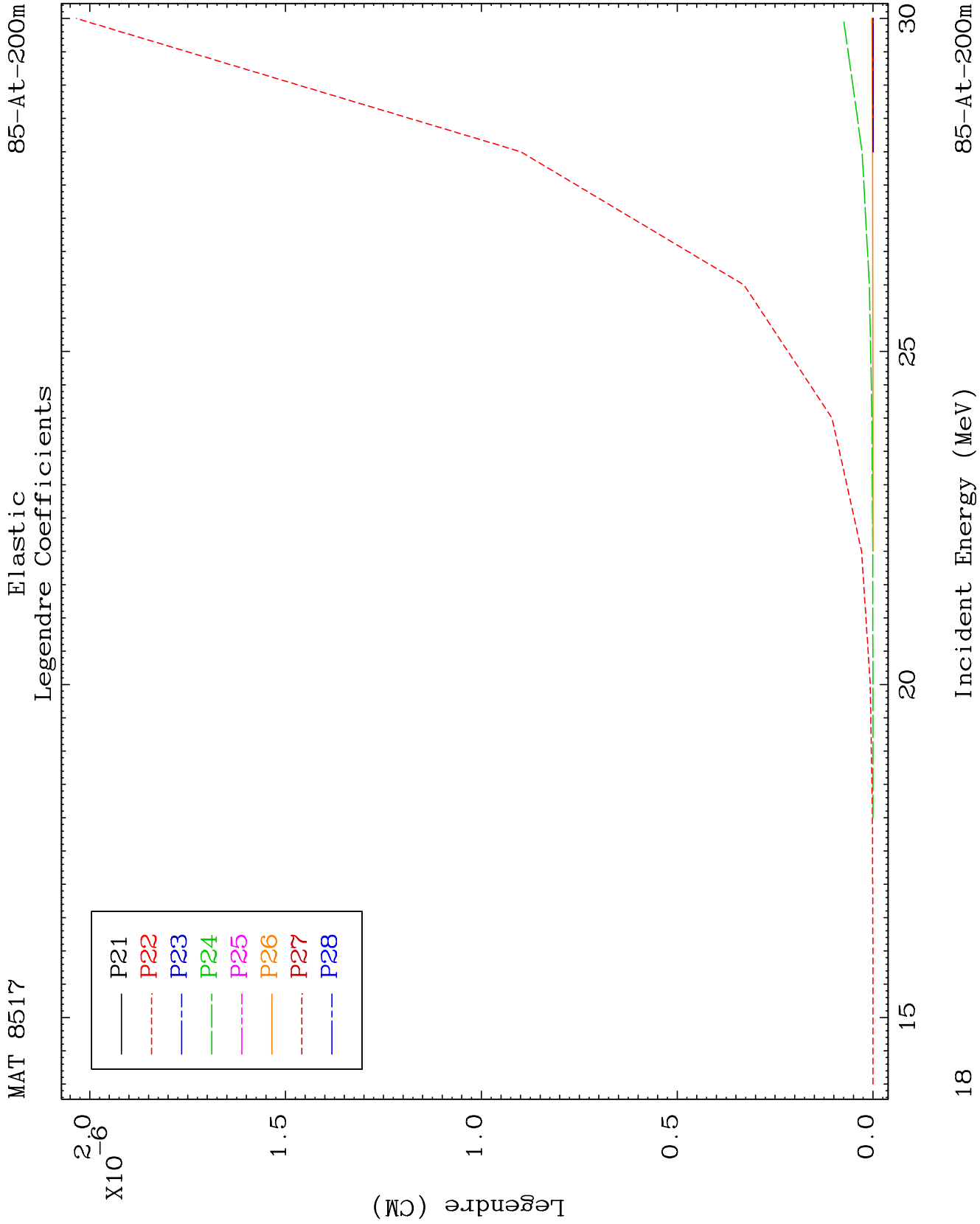
85-At-200m

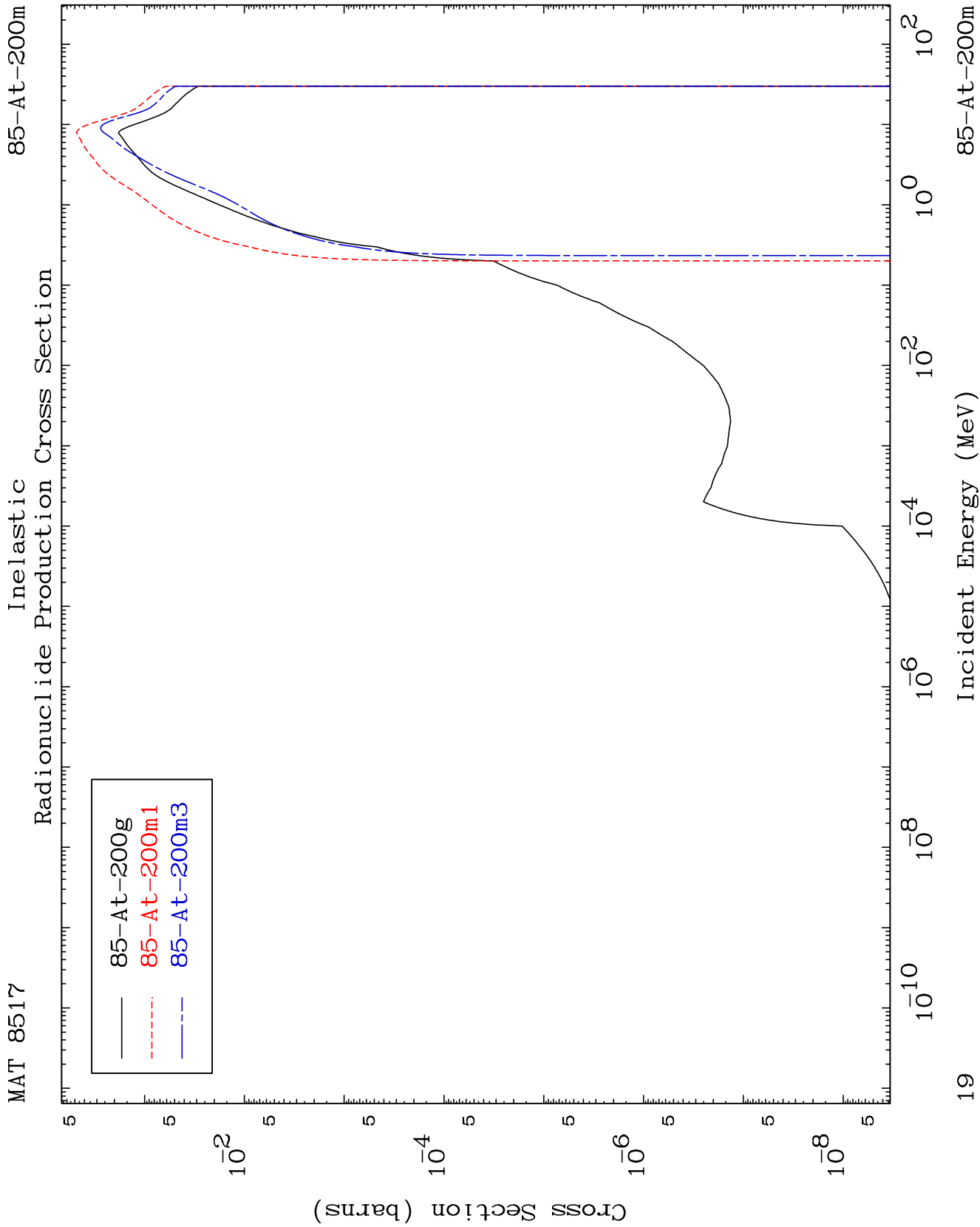


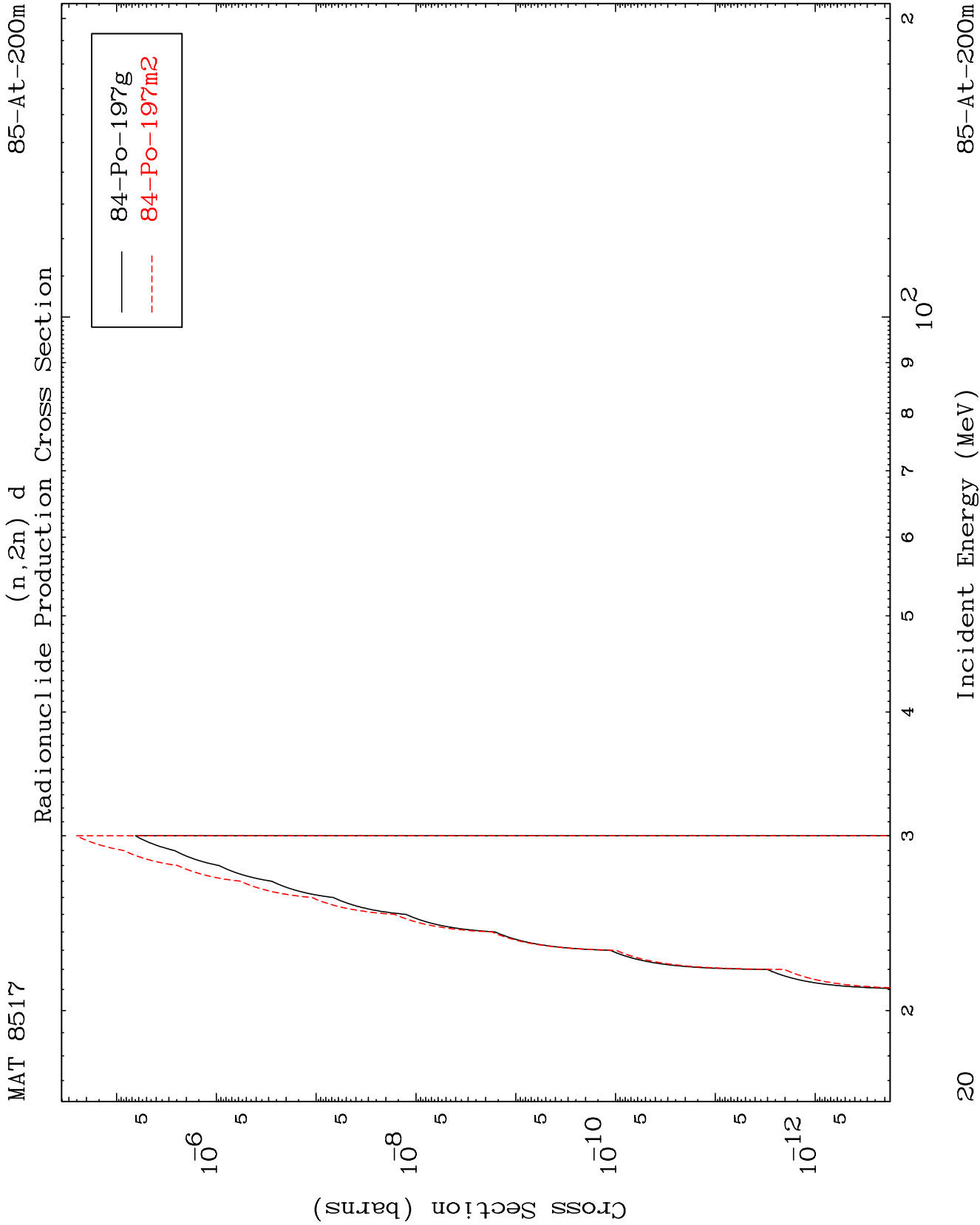


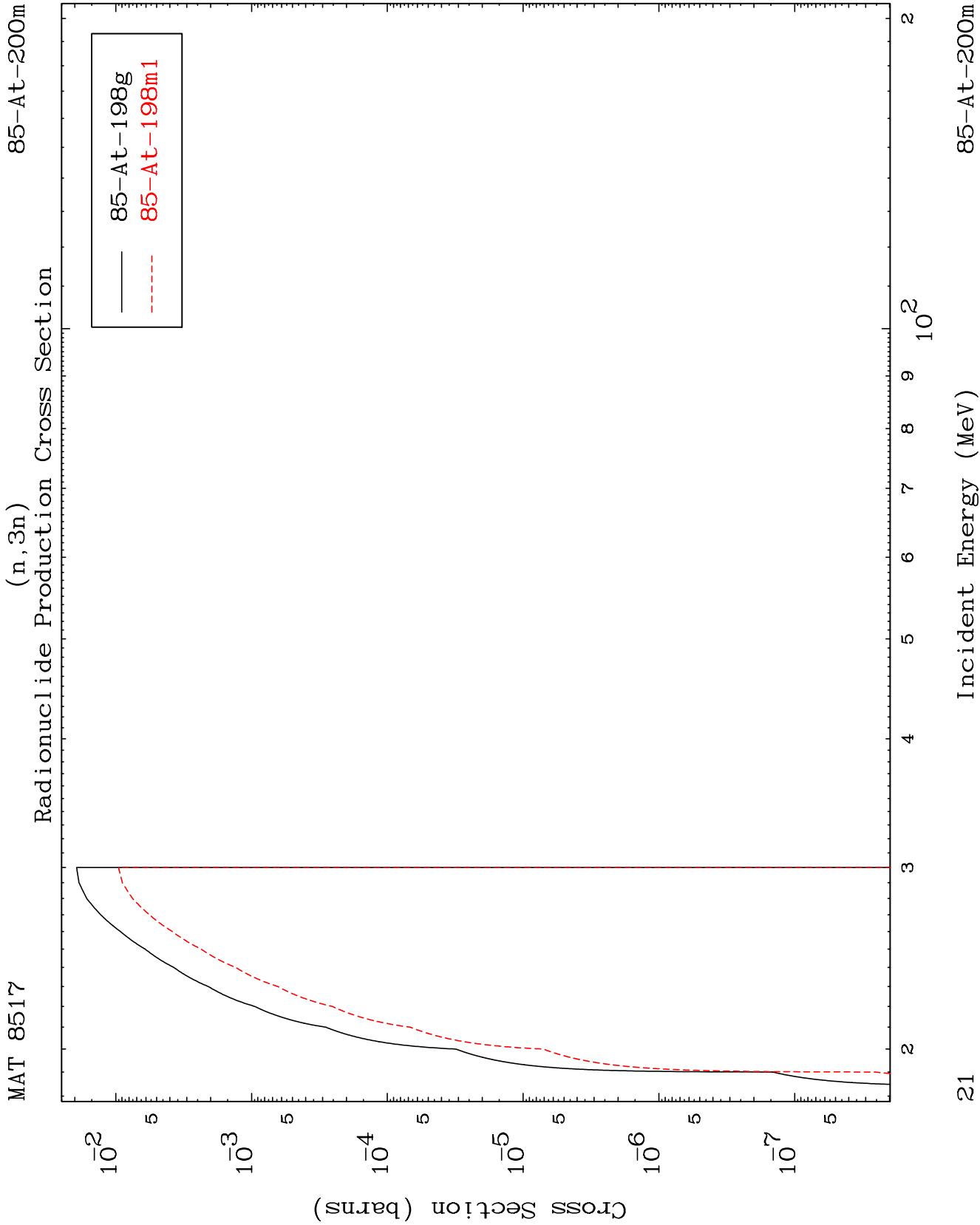










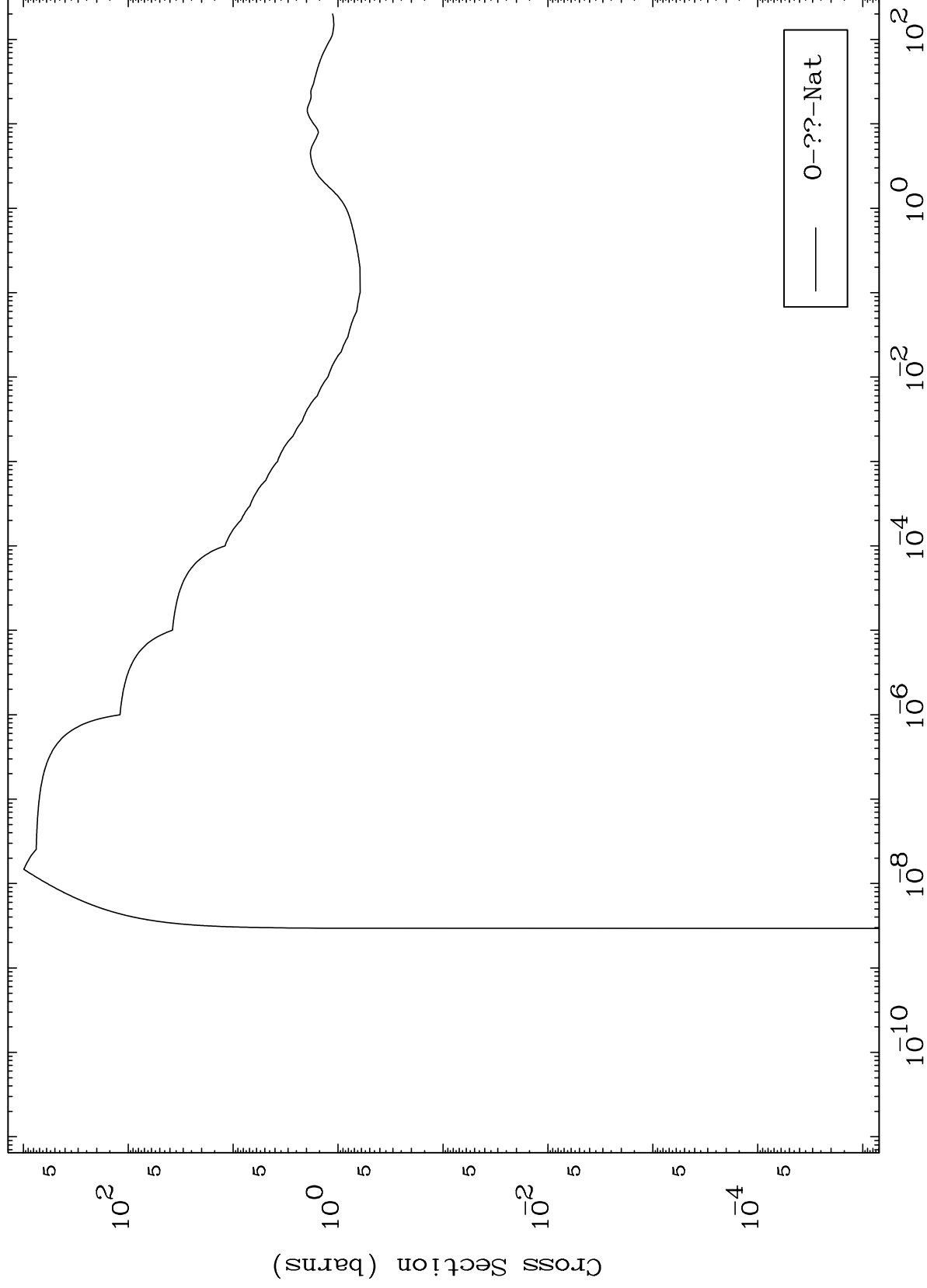


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Fission

85-At-200m

Radionuclide Production Cross Section



0-??-Nat

22

Incident Energy (MeV)

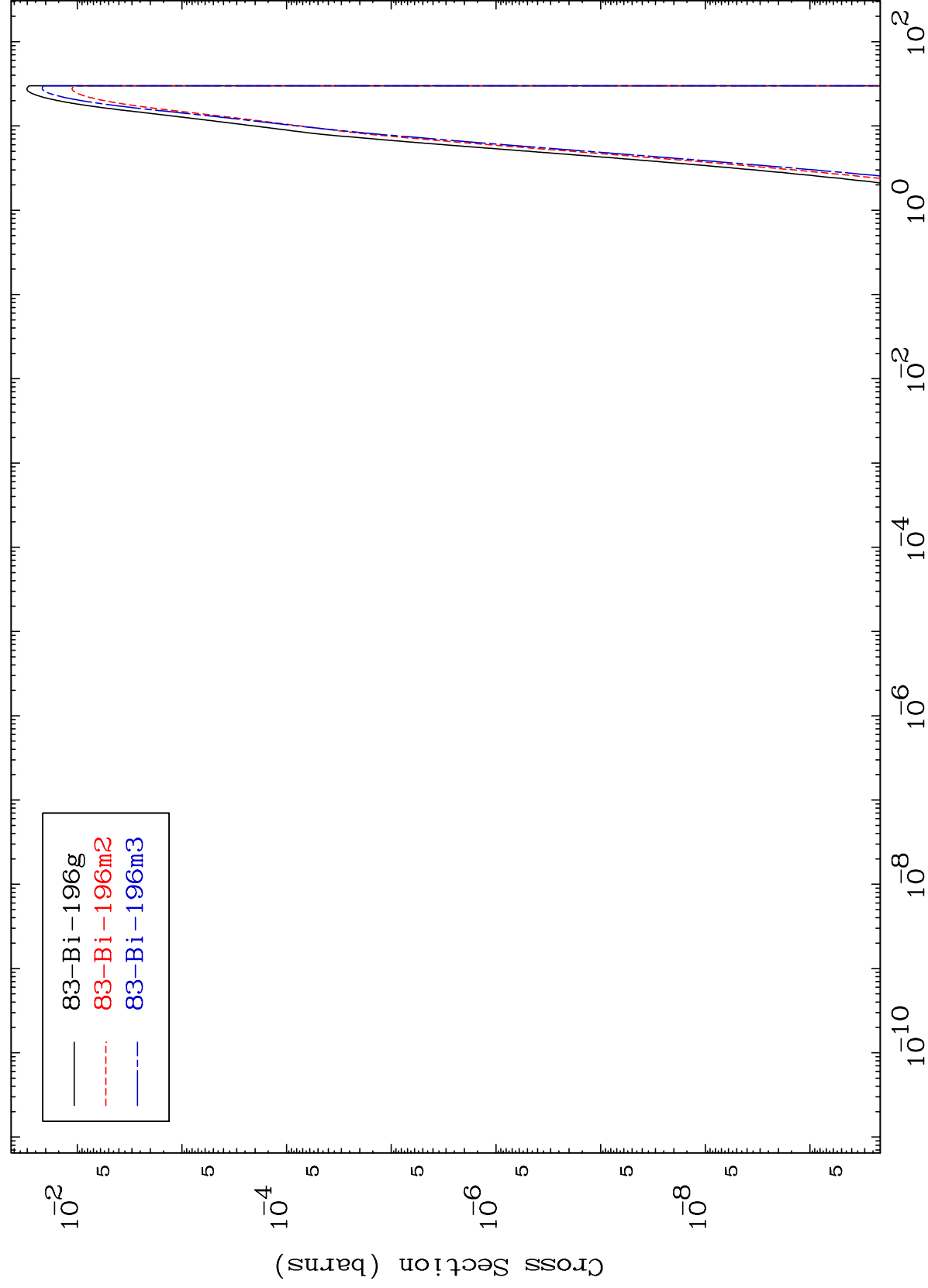
85-At-200m

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85-At-200m

Radionuclide Production Cross Section

$(n,n') \alpha$



23

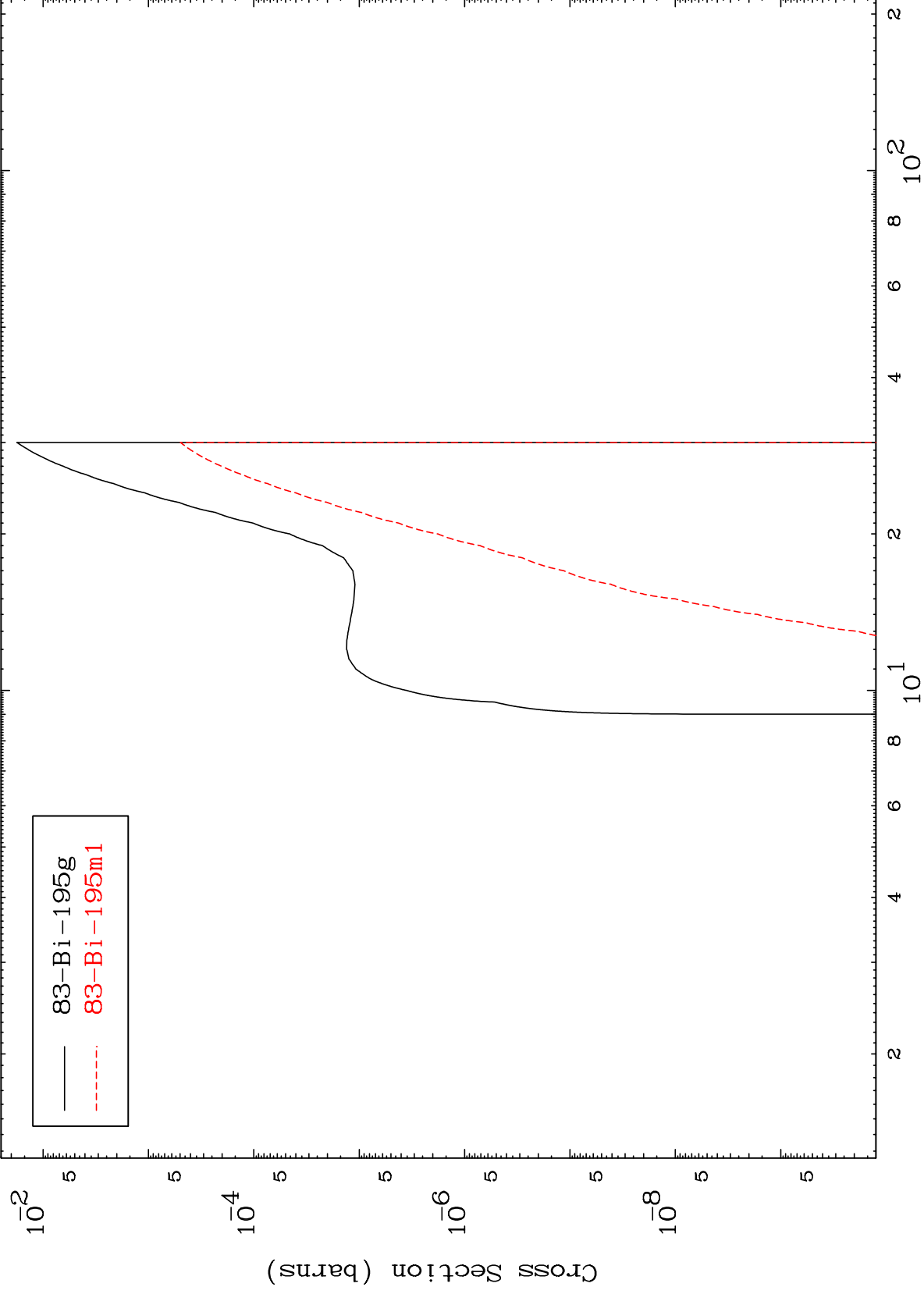
Incident Energy (MeV)

85-At-200m

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85-At-200m

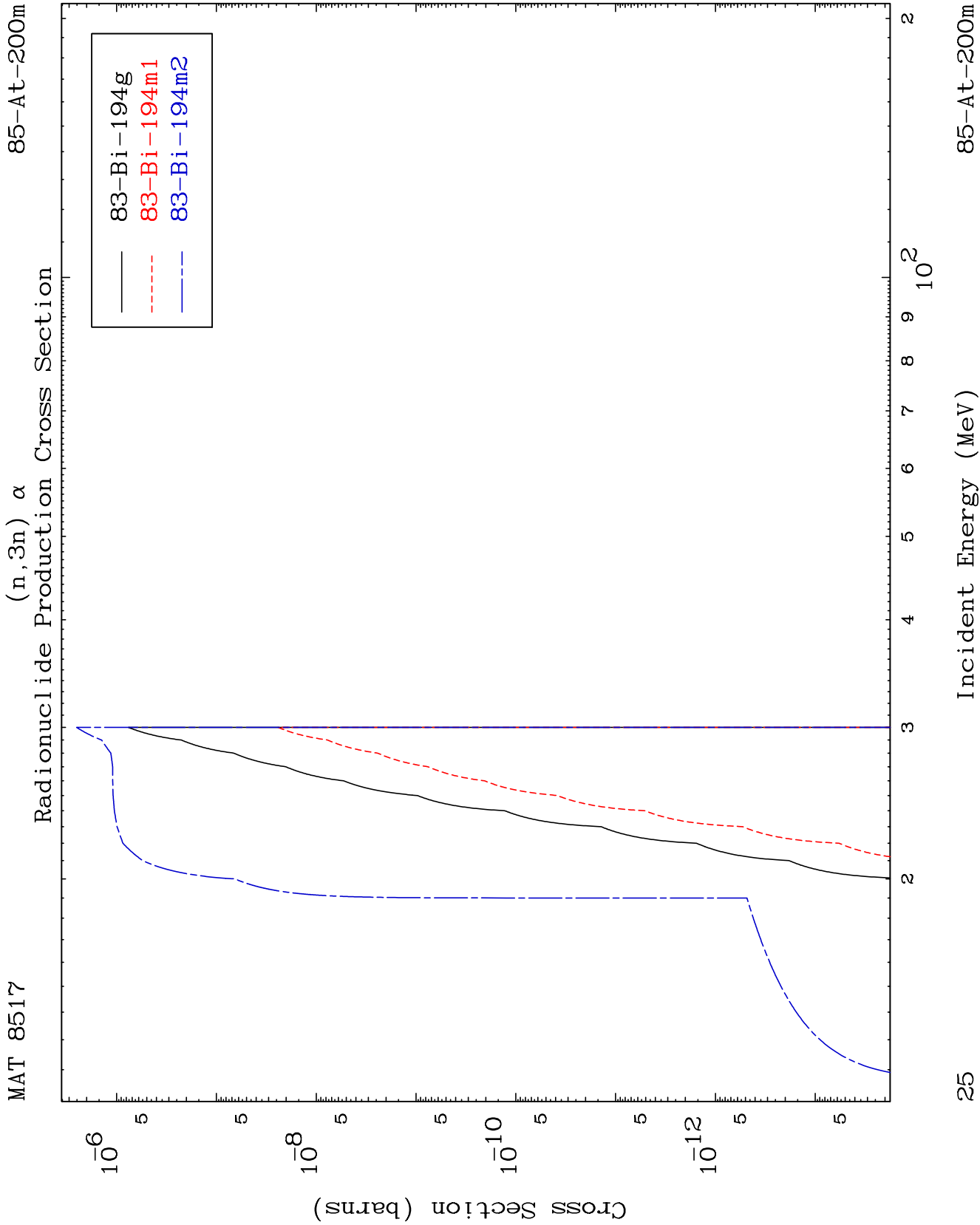
Radionuclide Production Cross Section
(n,2n) α



24

Incident Energy (MeV)

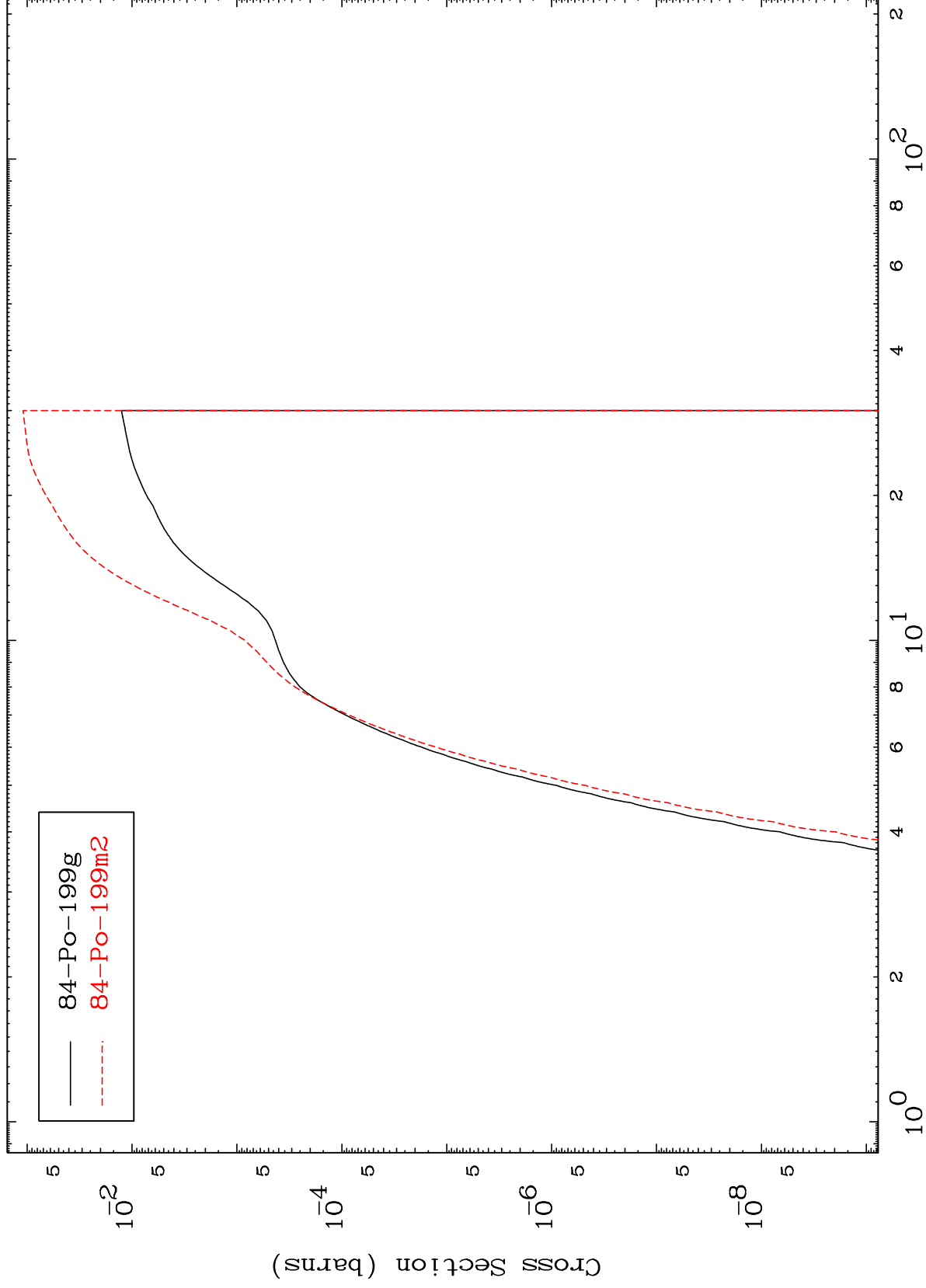
85-At-200m



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85-At-200m

(n,n') p
Radionuclide Production Cross Section



Incident Energy (MeV)

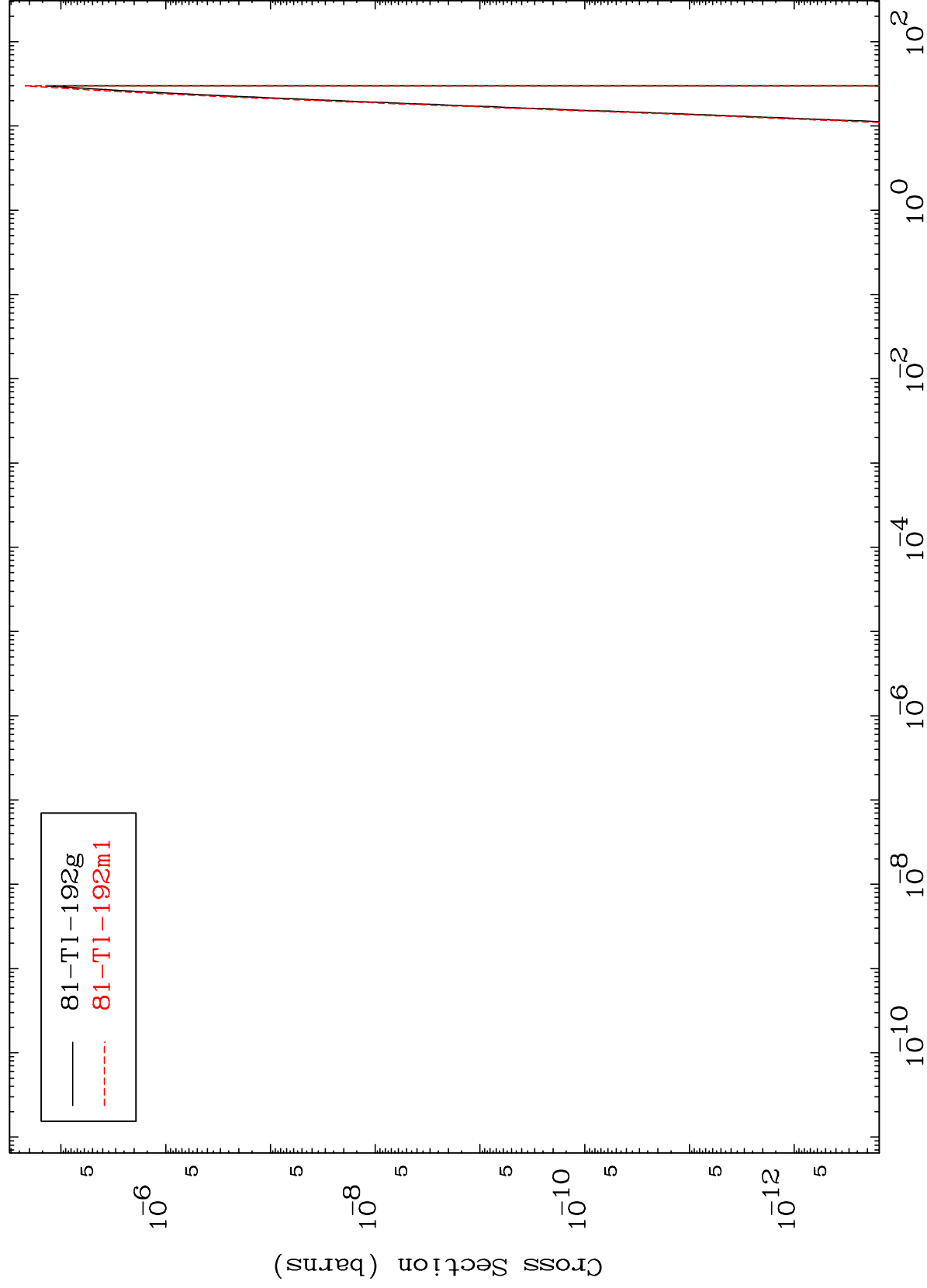
85-At-200m

26

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85-At-200m

(n,n') 2 α
Radionuclide Production Cross Section



27

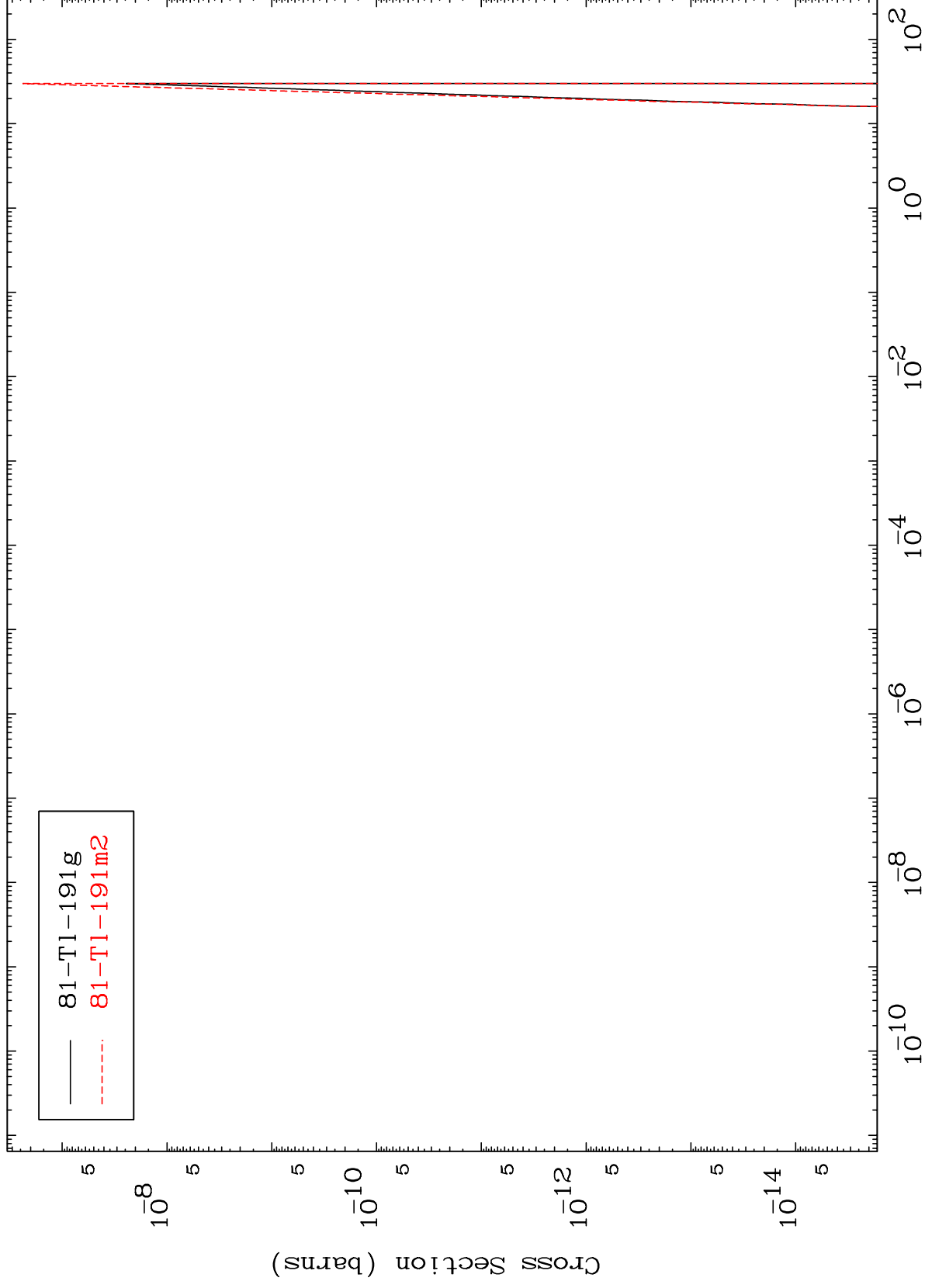
85-At-200m

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(n,2n) 2α

85-At-200m

Radionuclide Production Cross Section

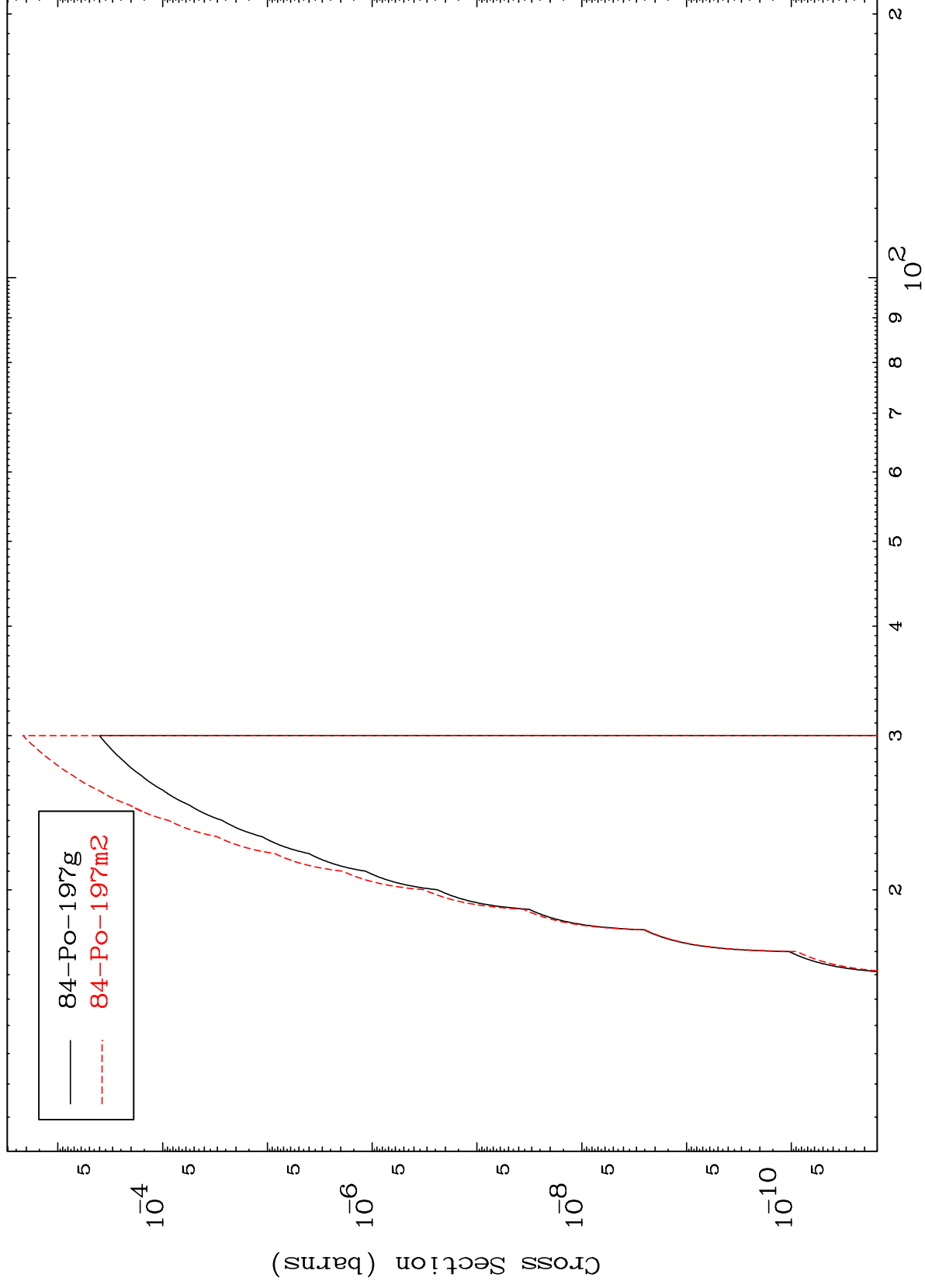


28

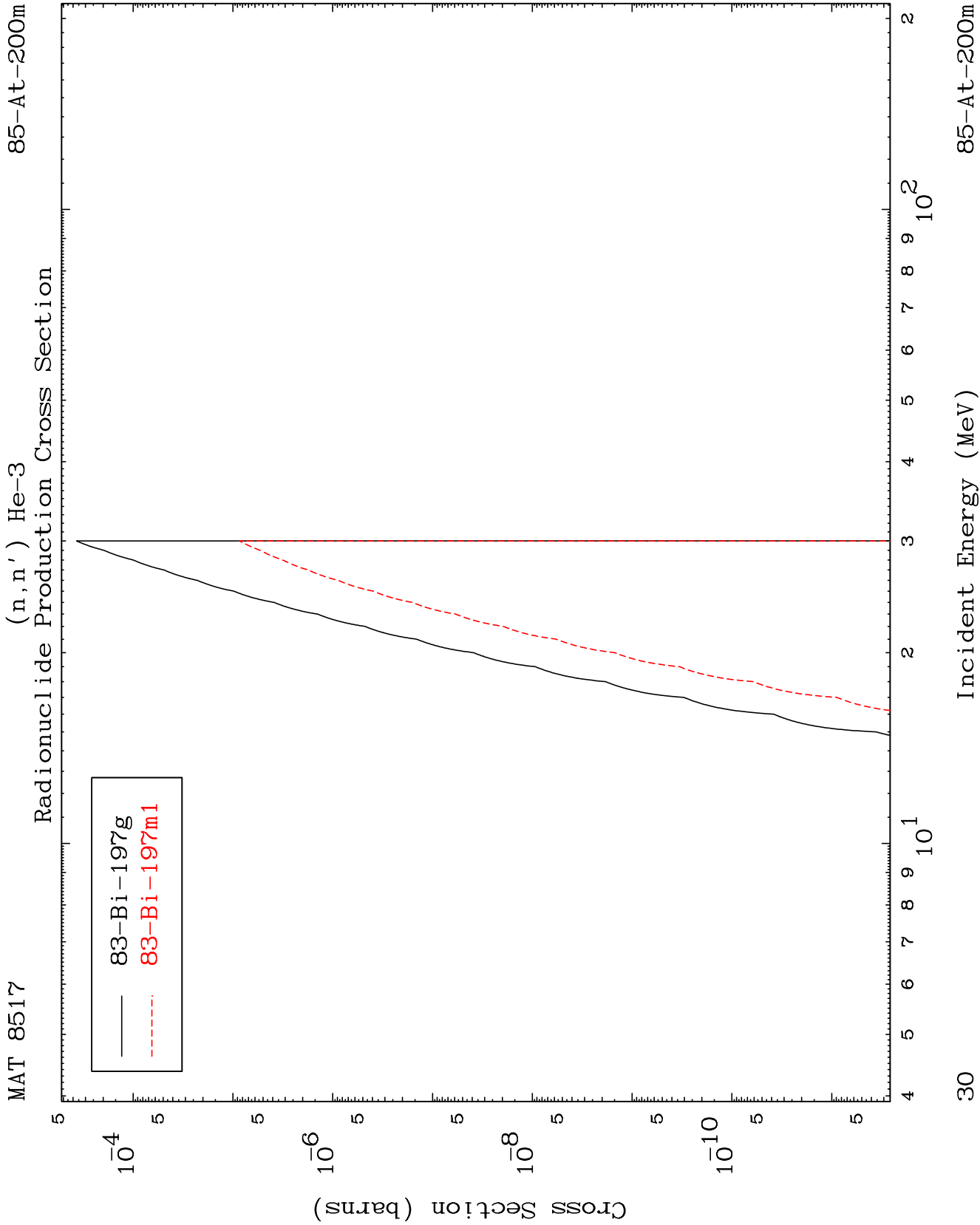
Incident Energy (MeV)

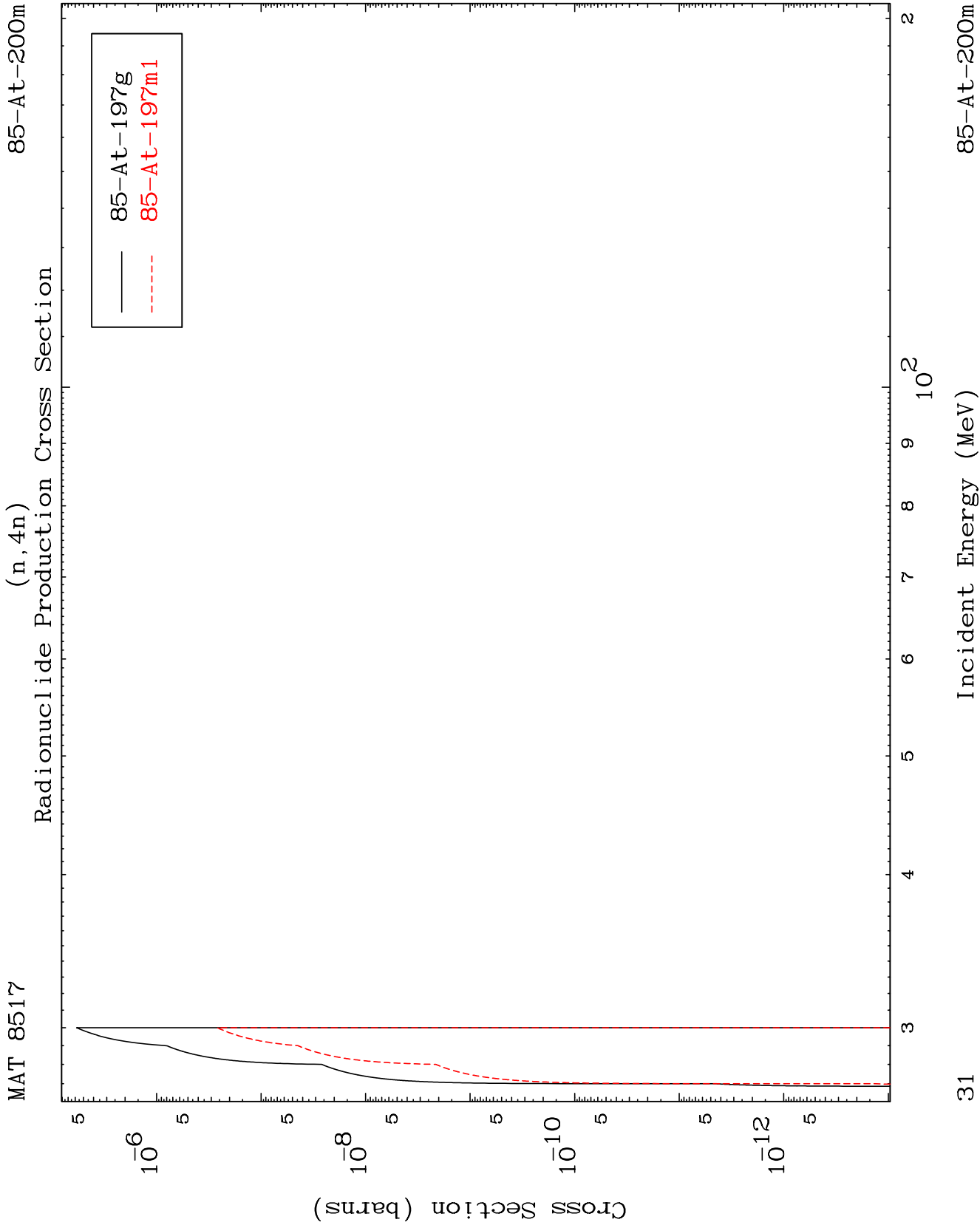
85-At-200m

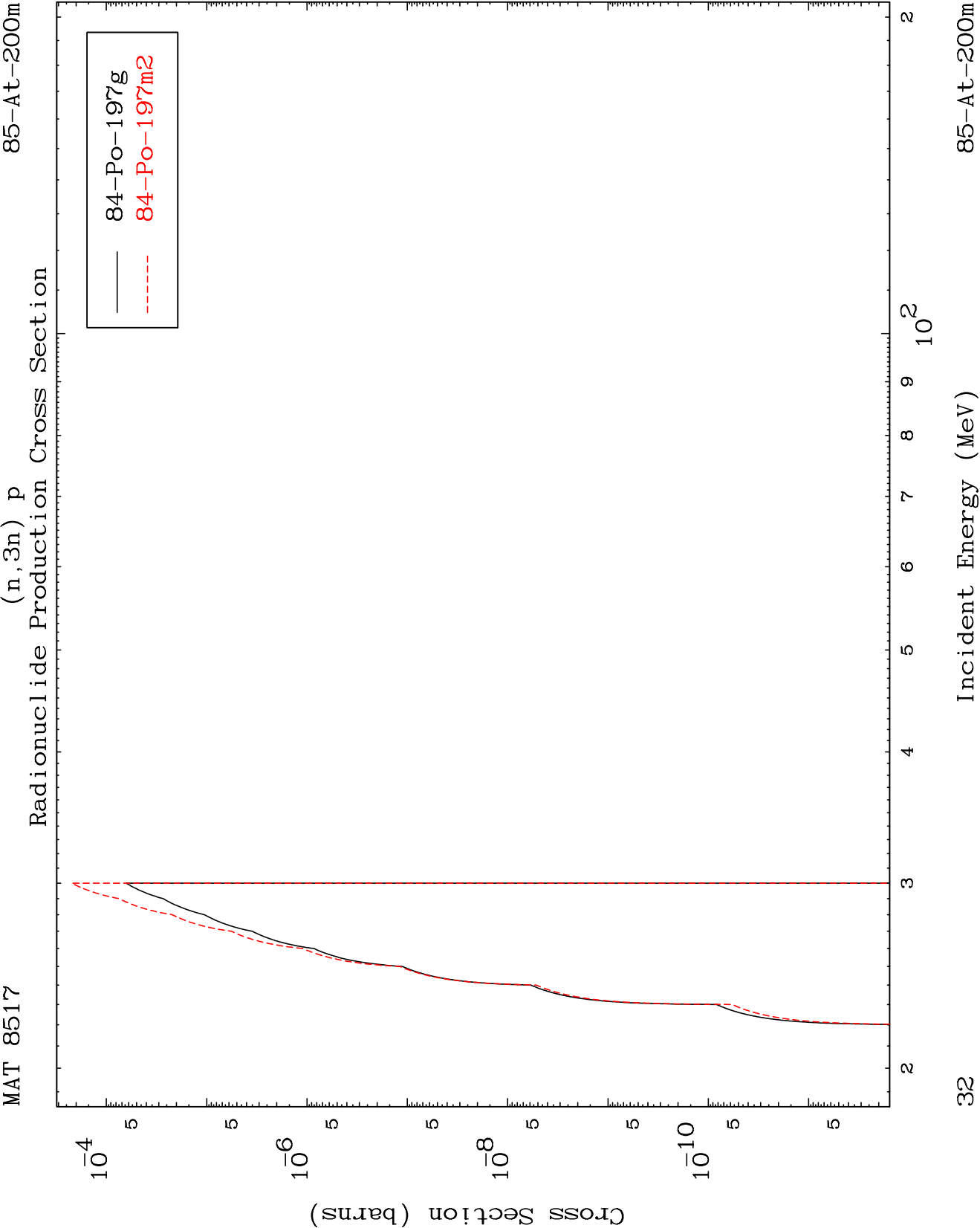
(n,n') t
Radionuclide Production Cross Section



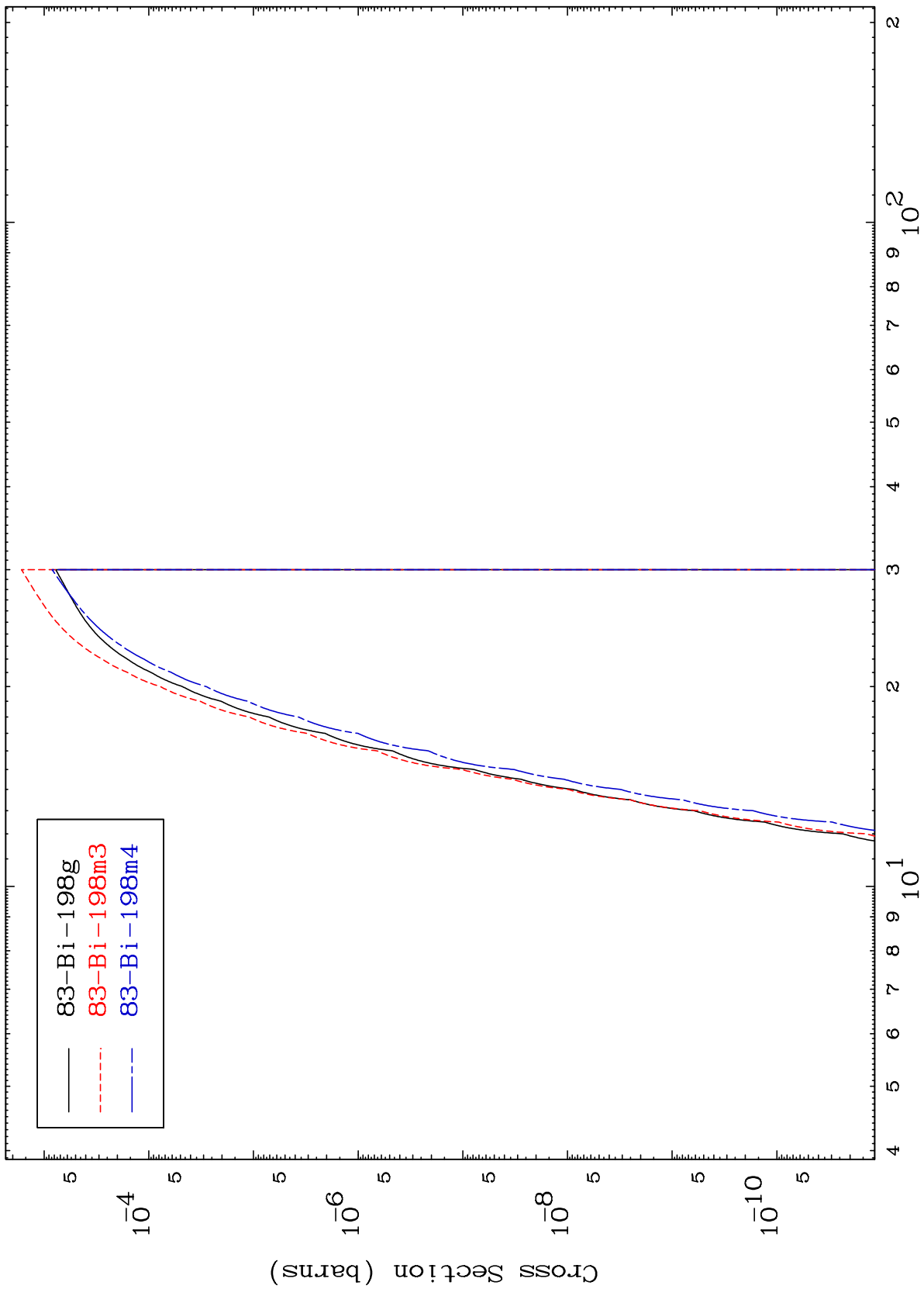
Incident Energy (MeV)







(n,2n) p
Radionuclide Production Cross Section

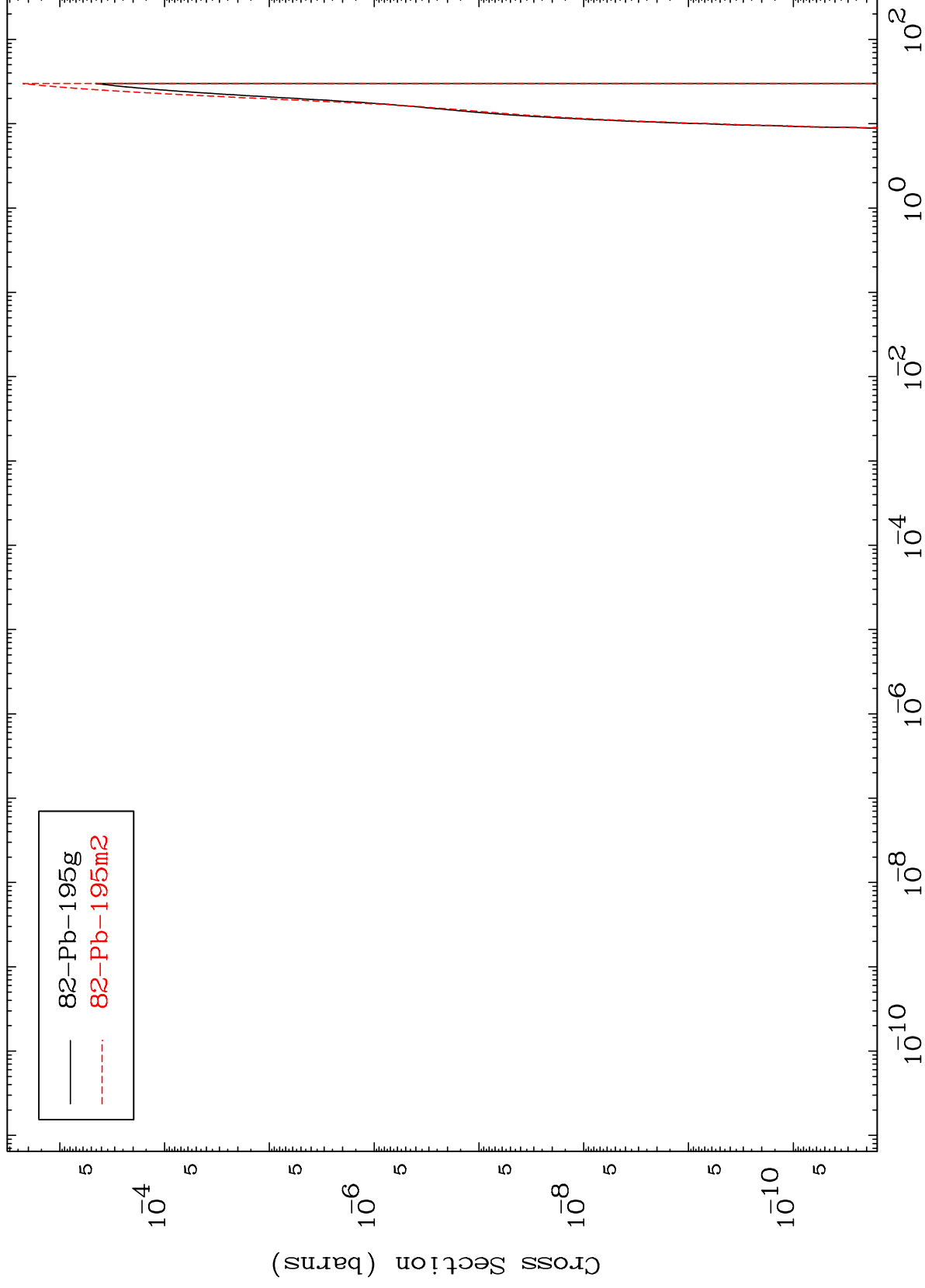


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(n,n') p α

85-At-200m

Radionuclide Production Cross Section



34

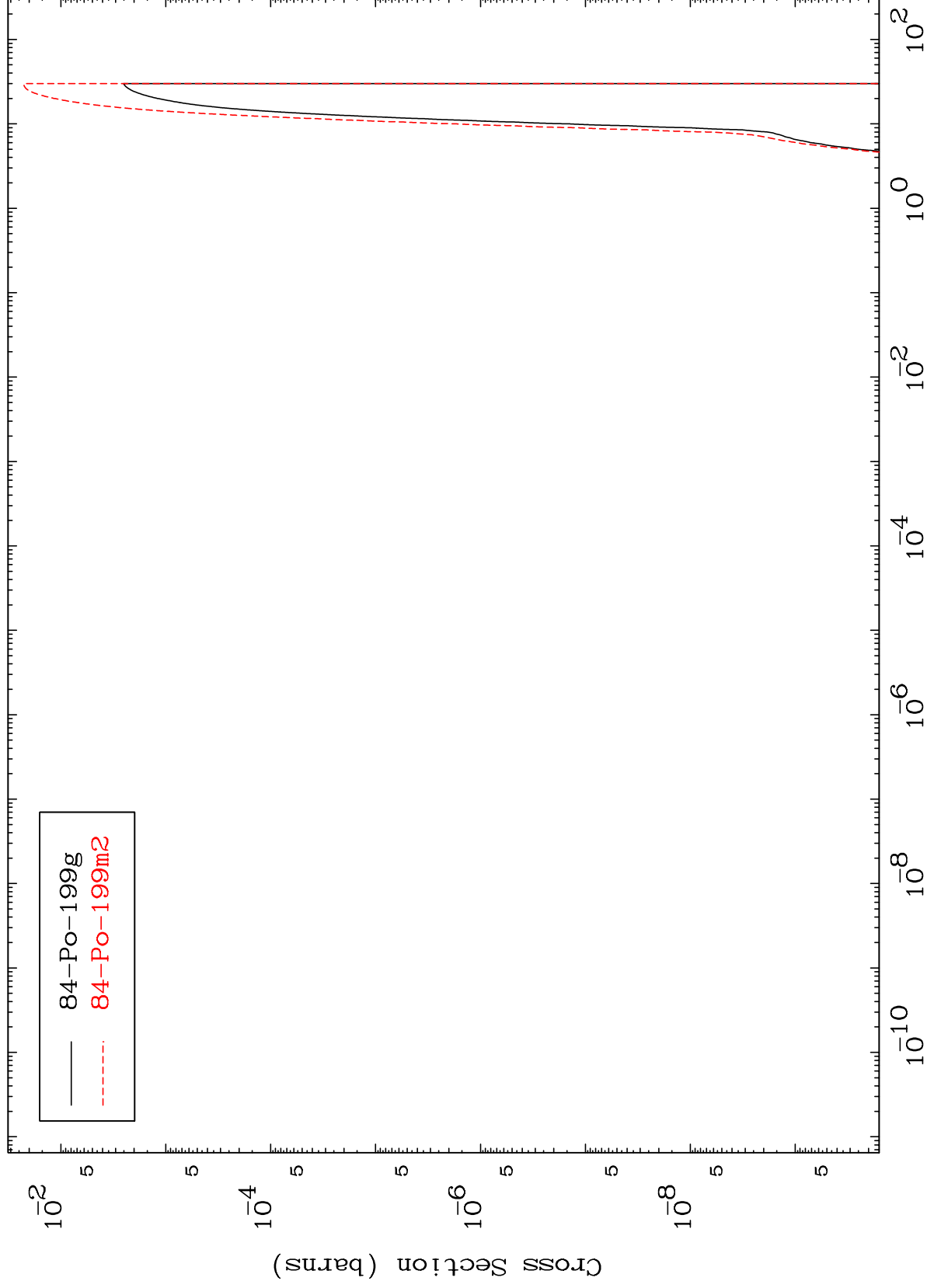
Incident Energy (MeV)

85-At-200m

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85-At-200m

(n,d)
Radionuclide Production Cross Section

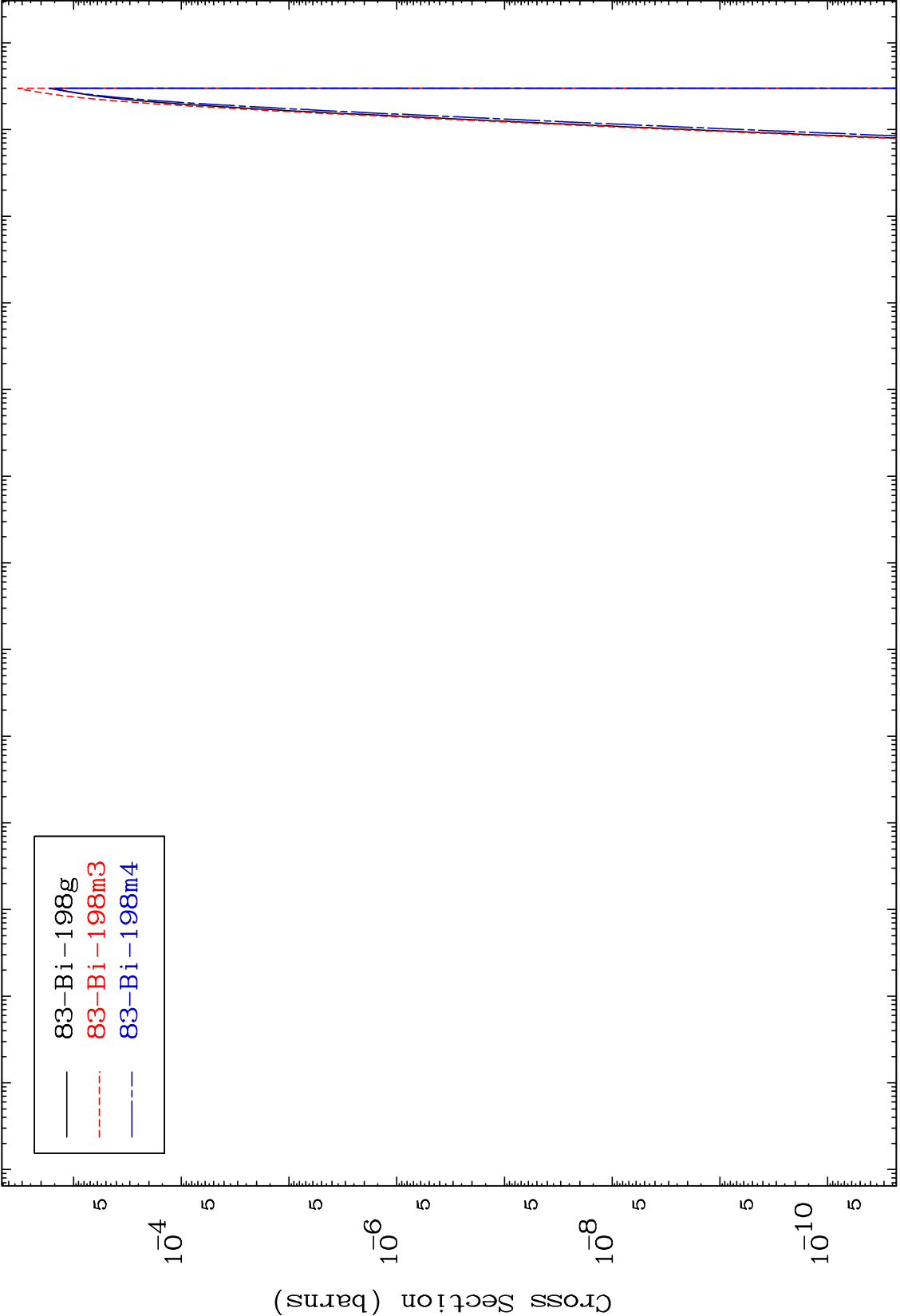


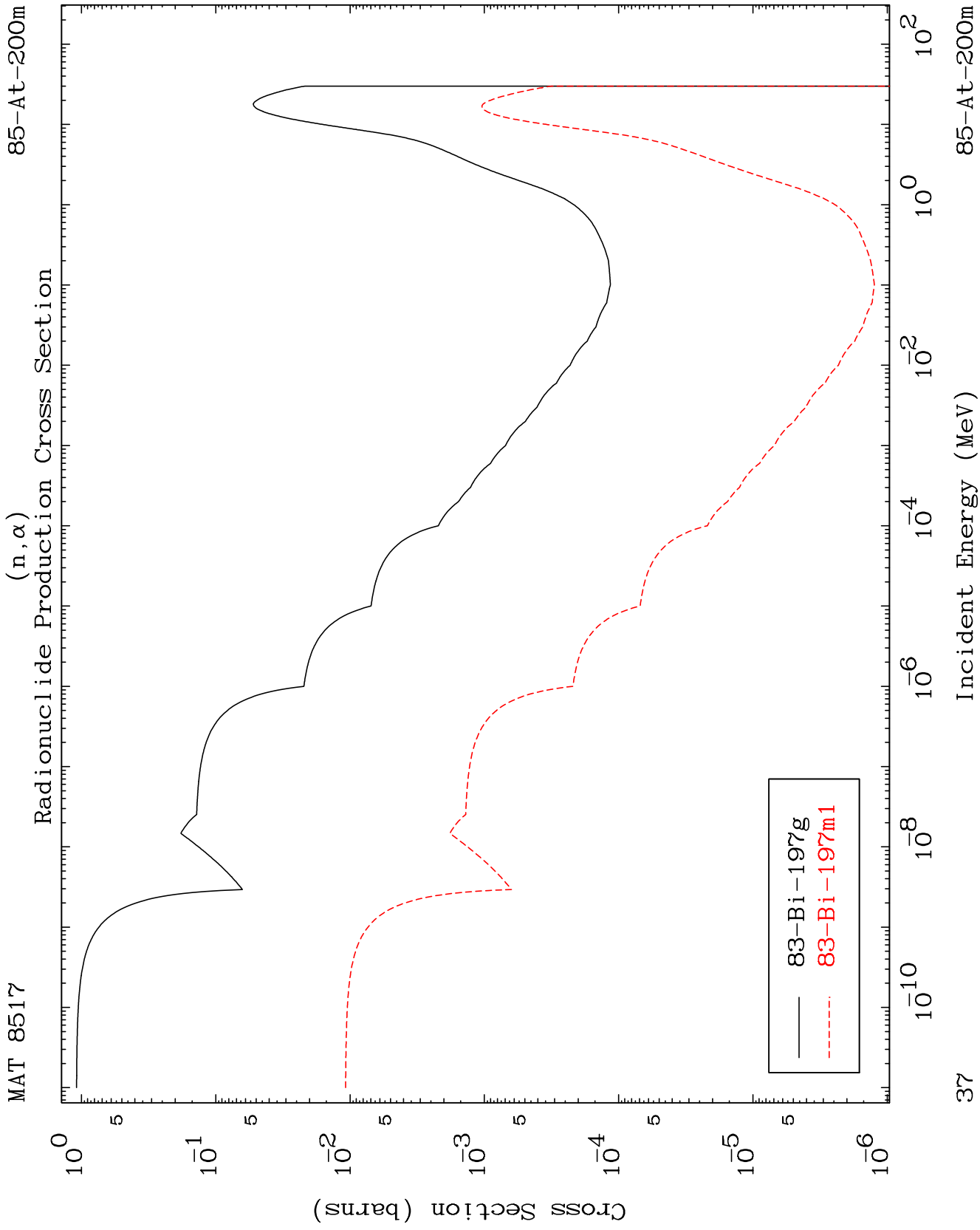
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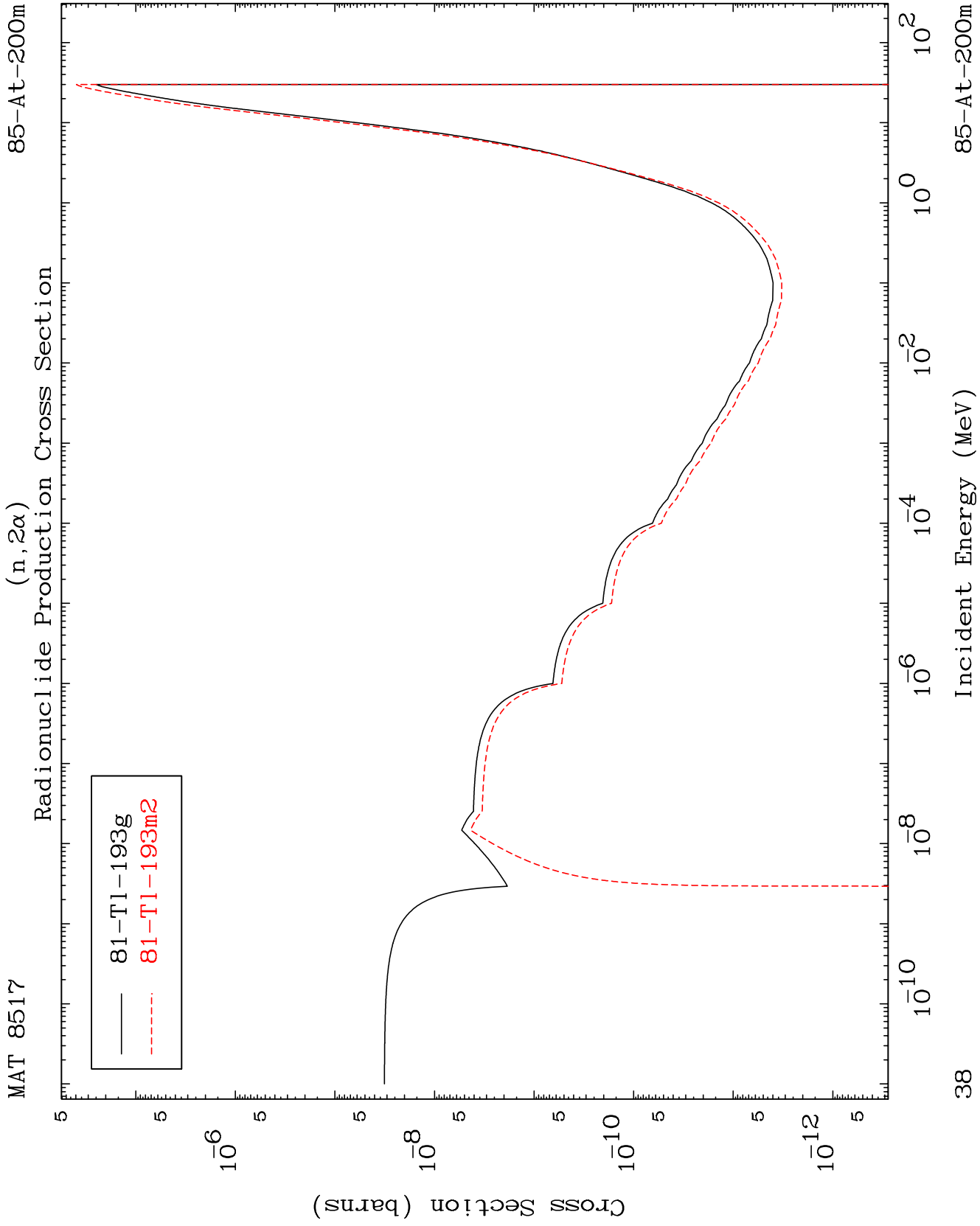
Incident Energy (MeV)

85-At-200m

Radionuclide Production Cross Section



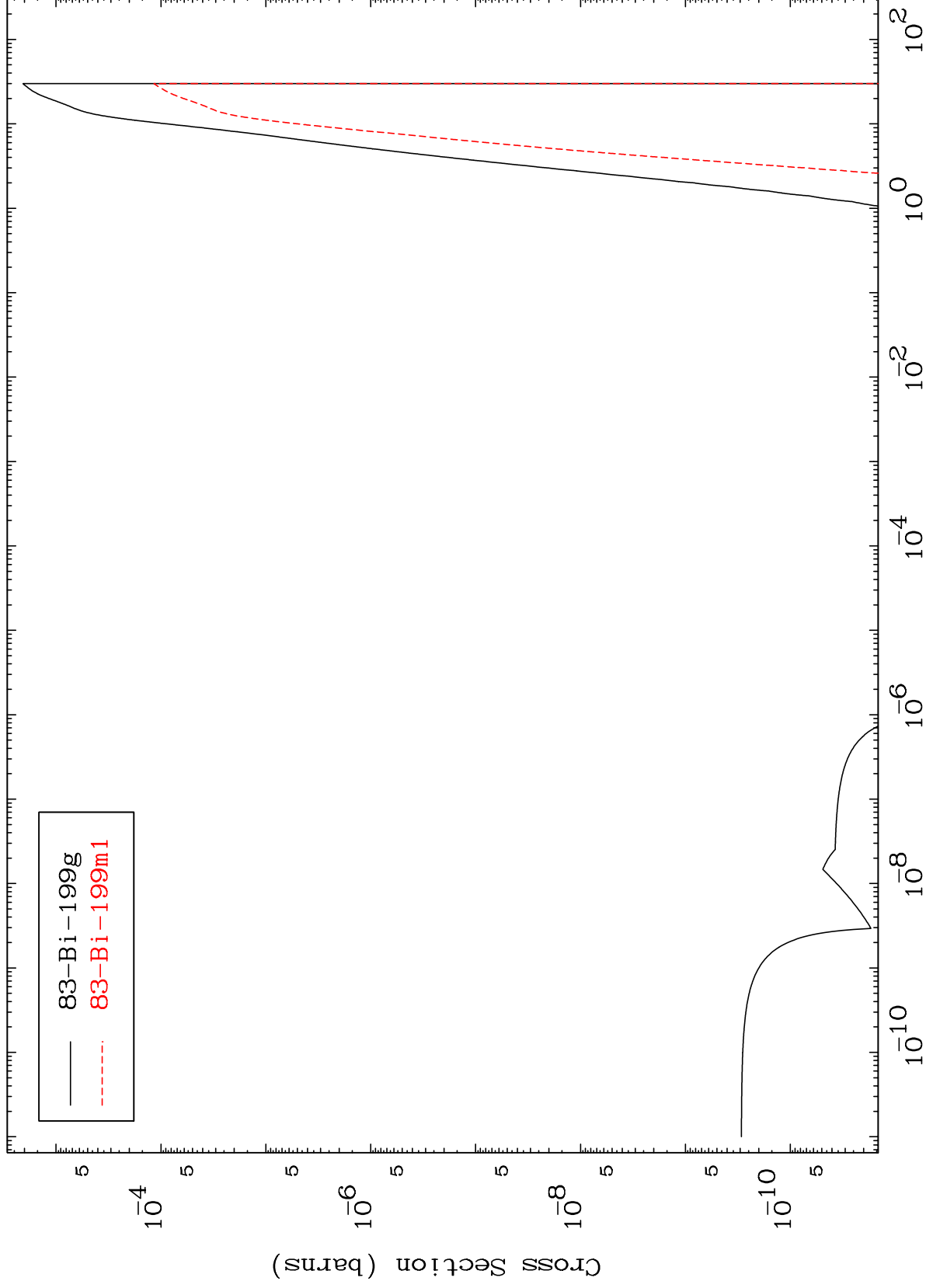




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85-At-200m

(n,2p)
Radionuclide Production Cross Section



39

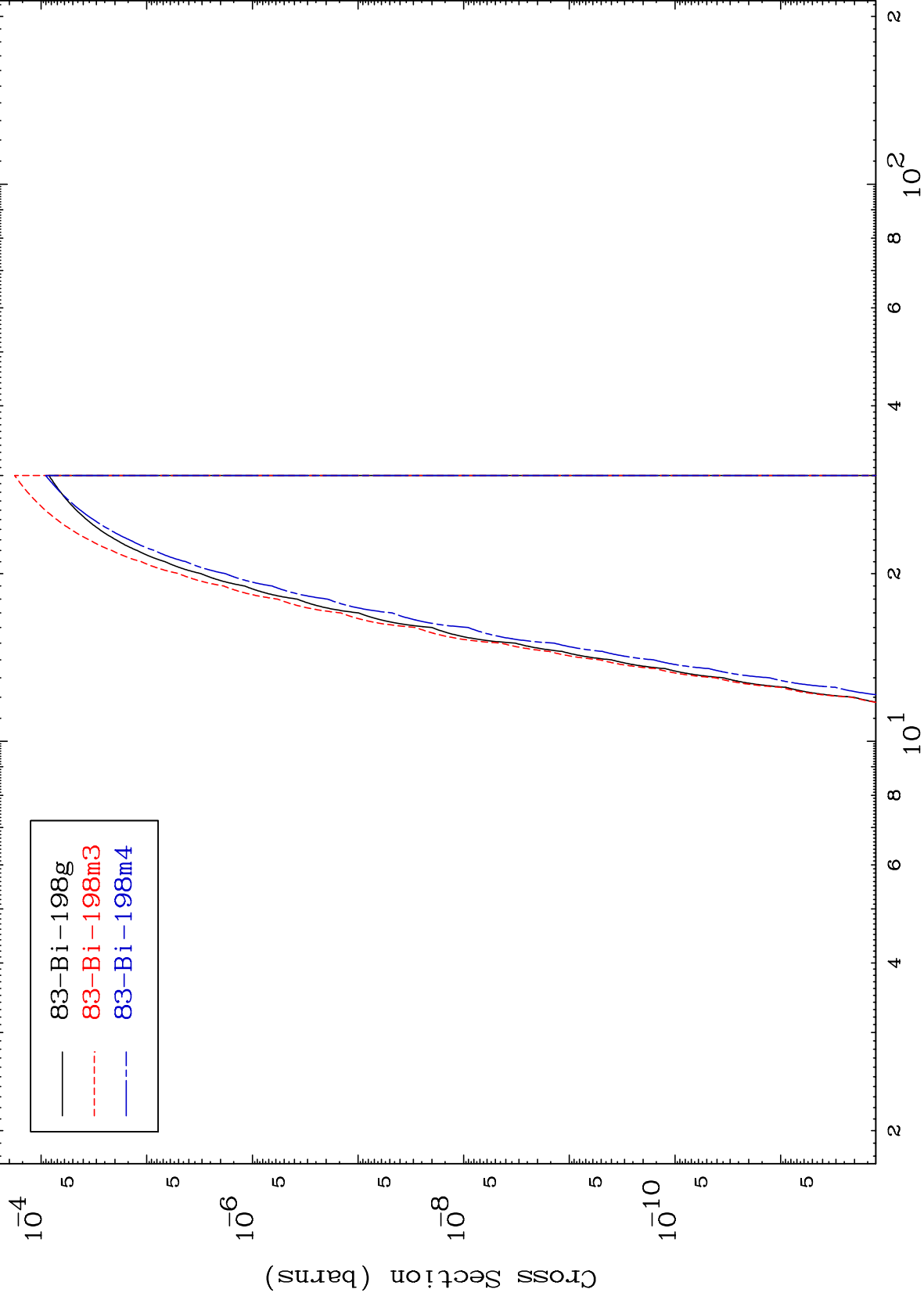
85-At-200m

Incident Energy (MeV)

MAT 8517

85-At-200m

(n,p) d
Radionuclide Production Cross Section



85-At-200m

Incident Energy (MeV)

40

