

Program EVALPLOT
(Version 2021-1)

by

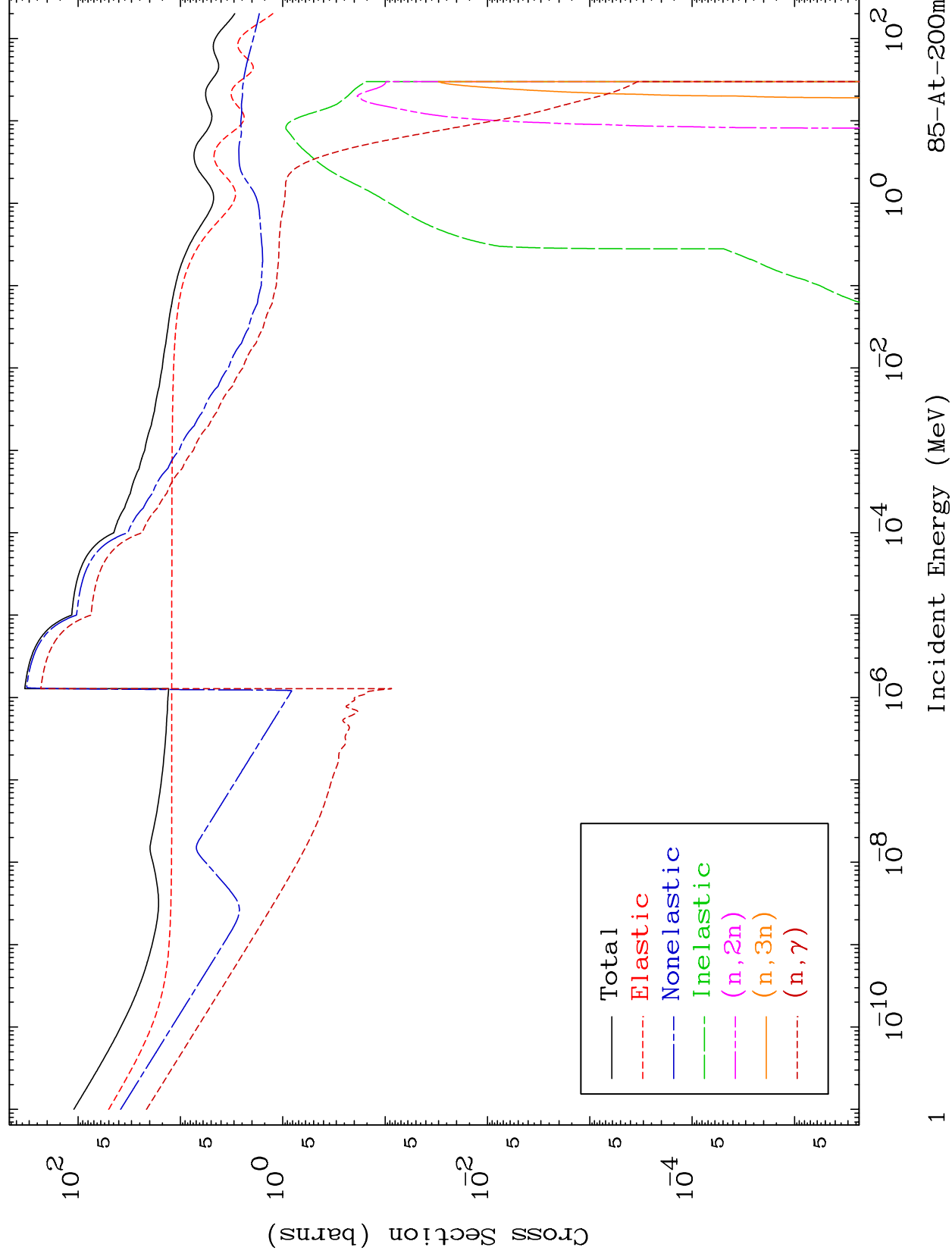
Dermott E. Cullen
(Present Contact Information)

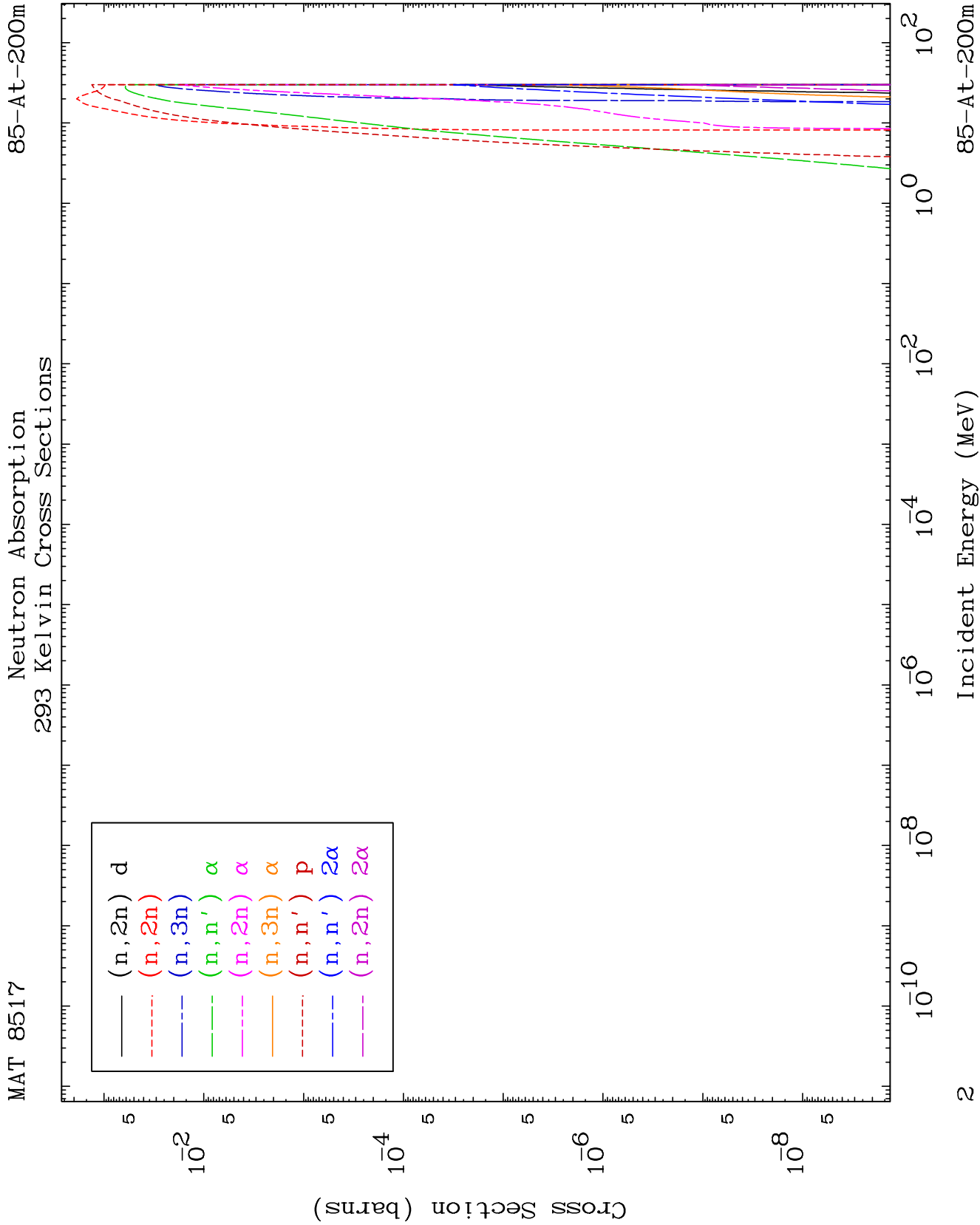
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

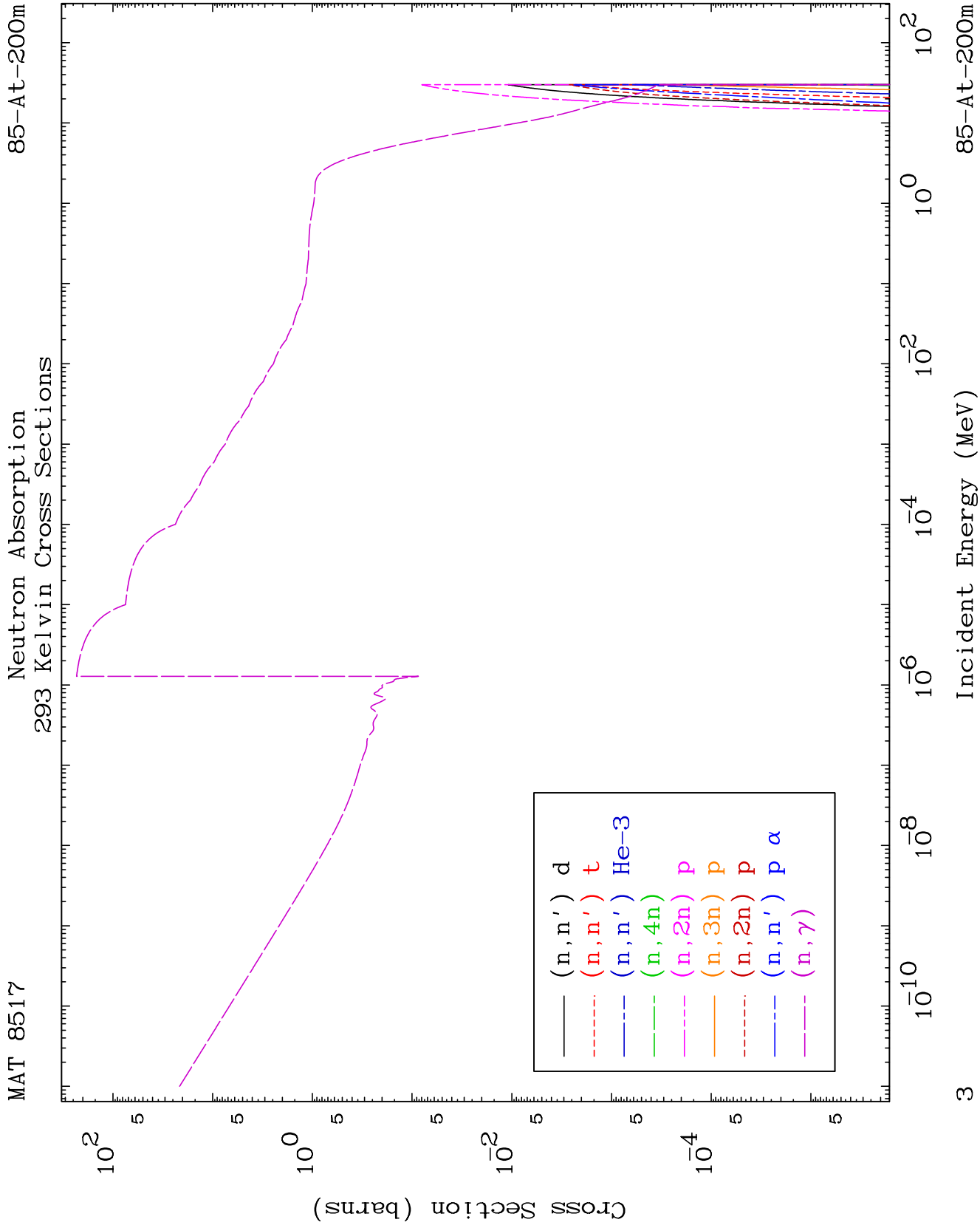
Tele: 925-443-1911

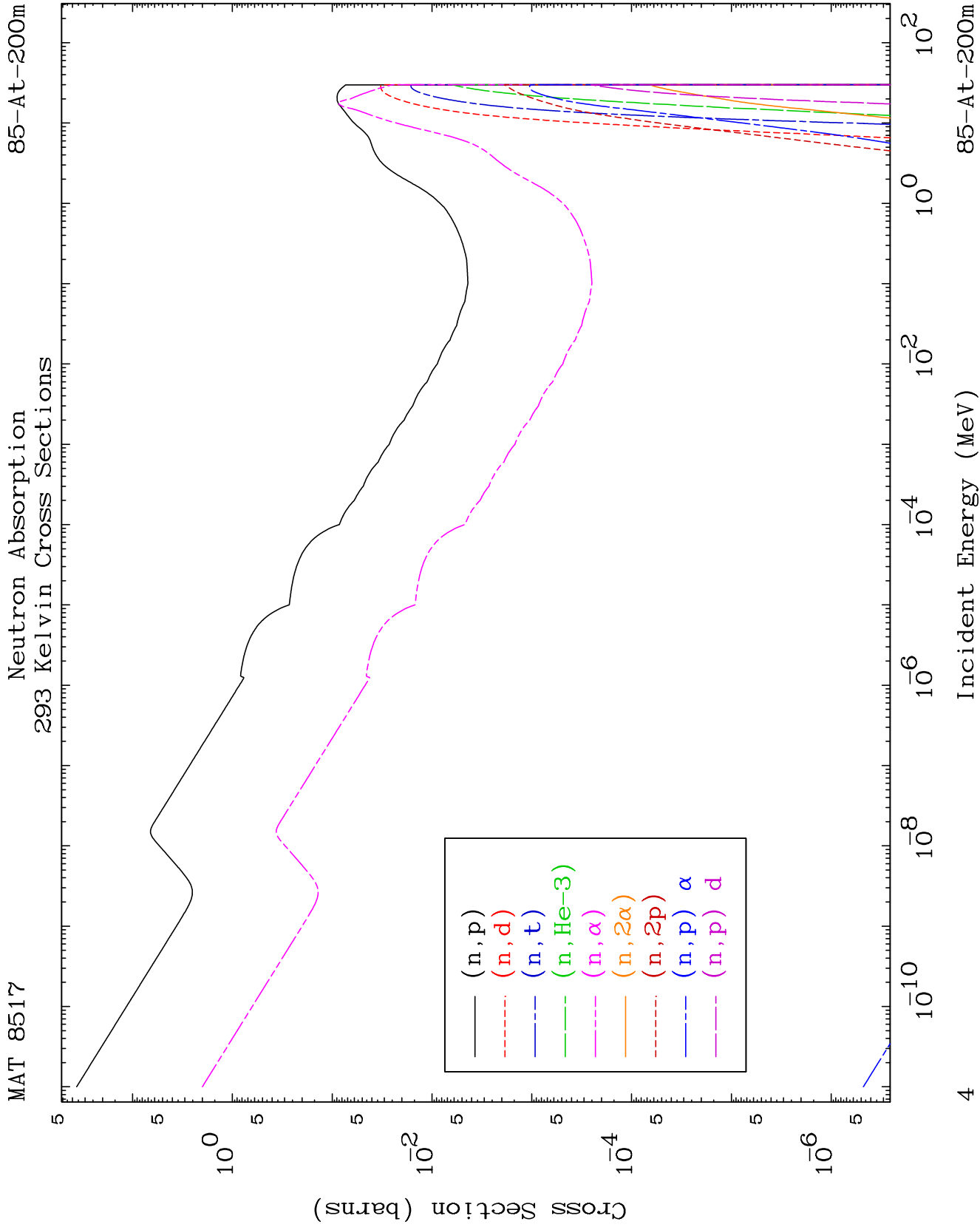
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

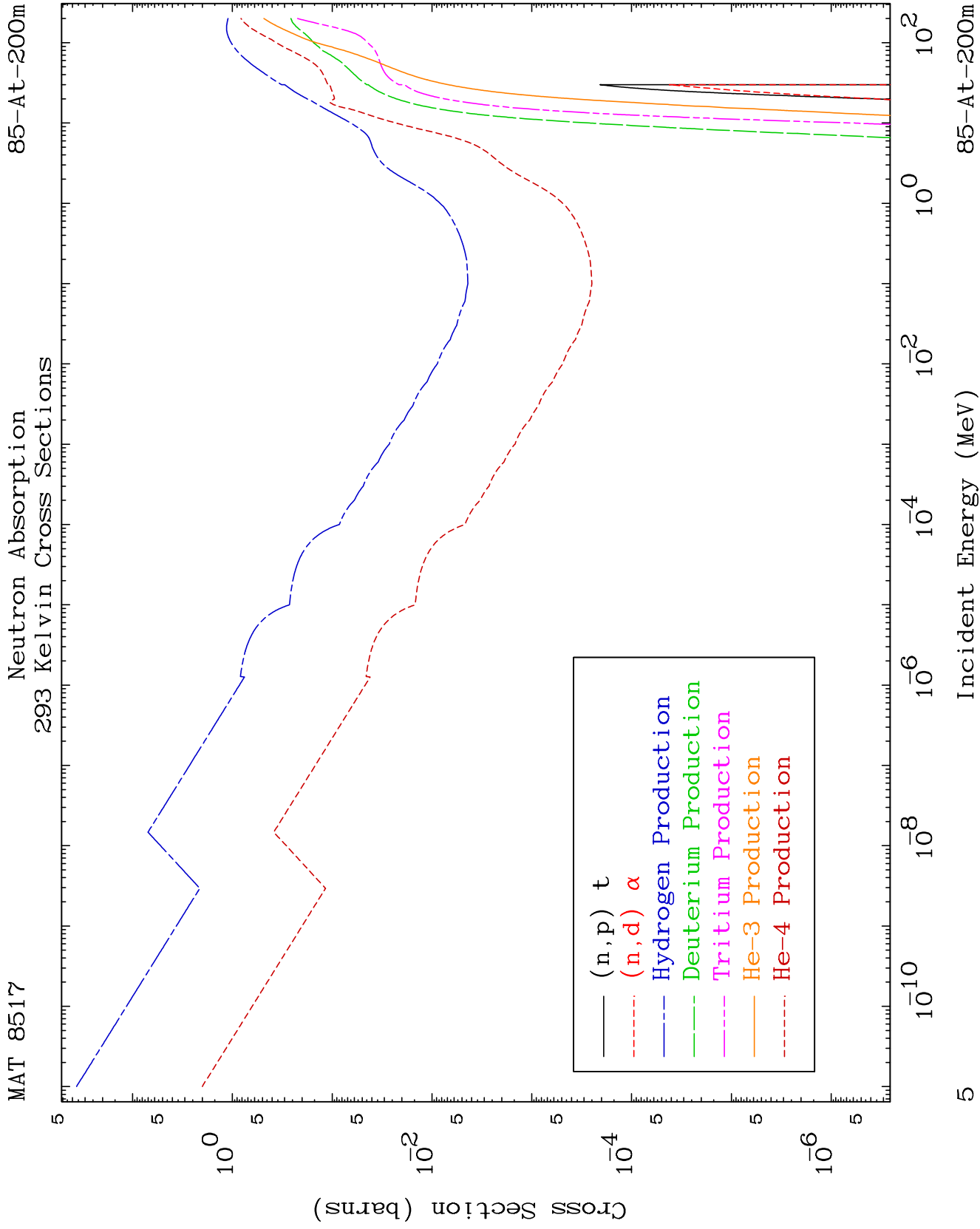
Press Mouse Button to Start







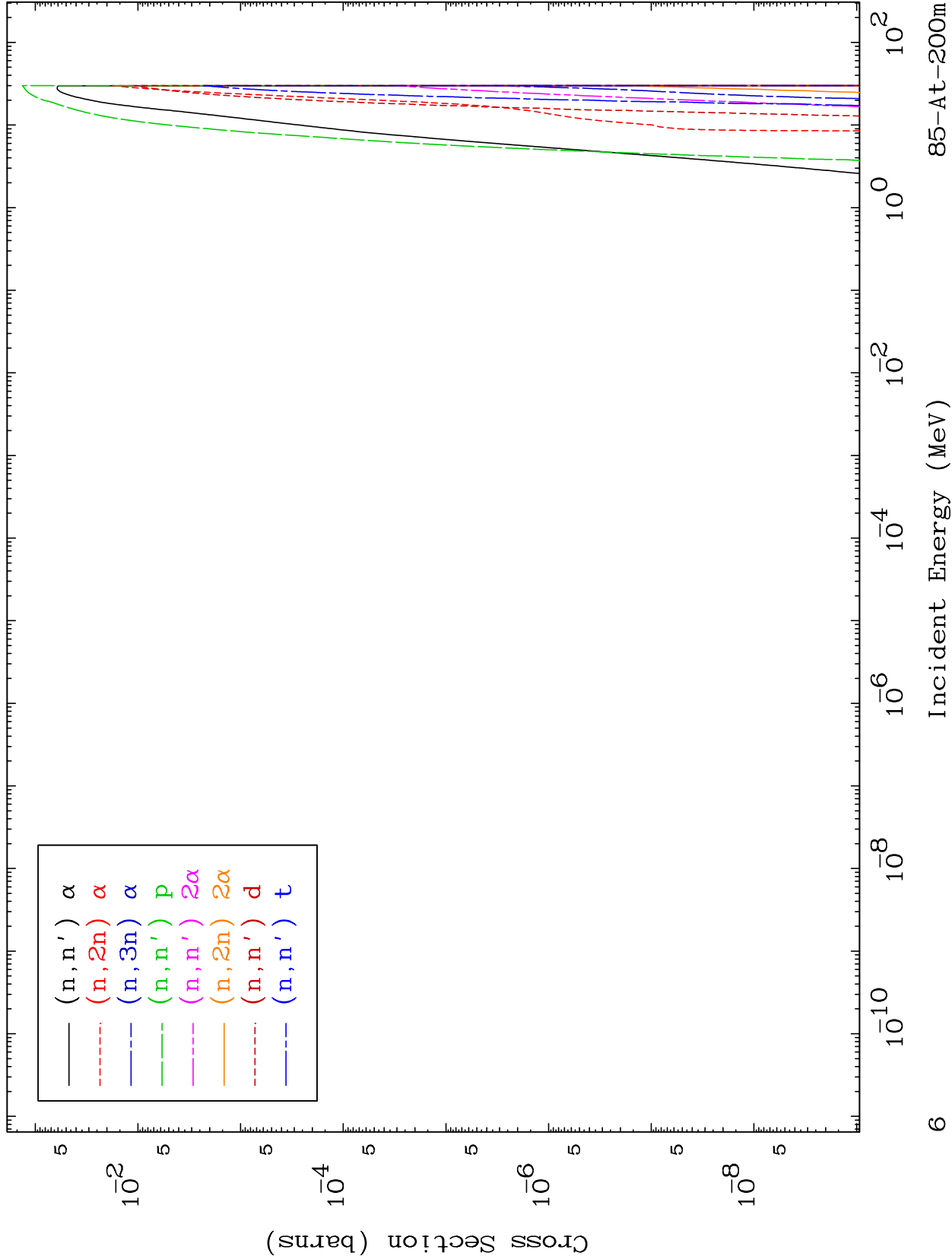


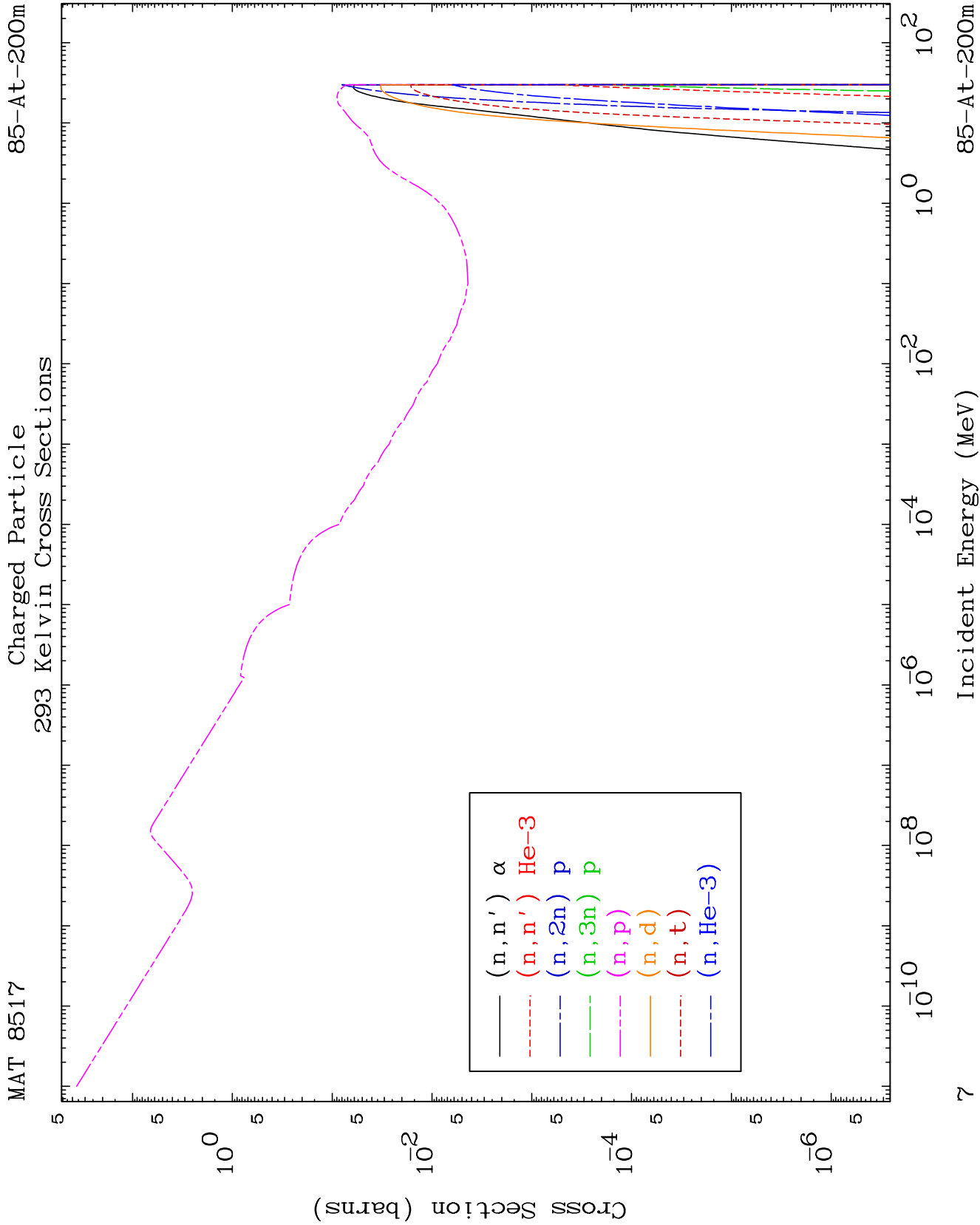


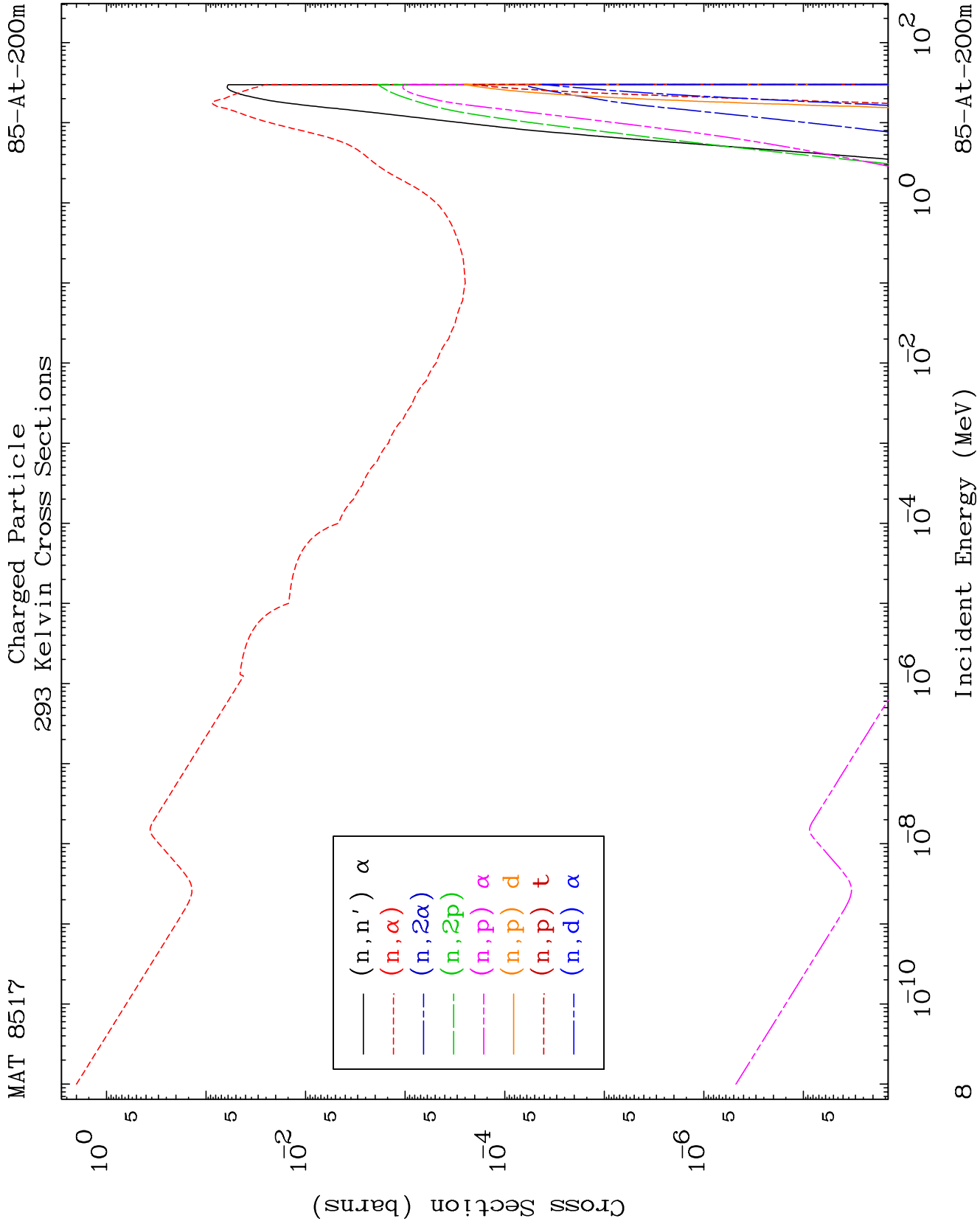
MAT 8517

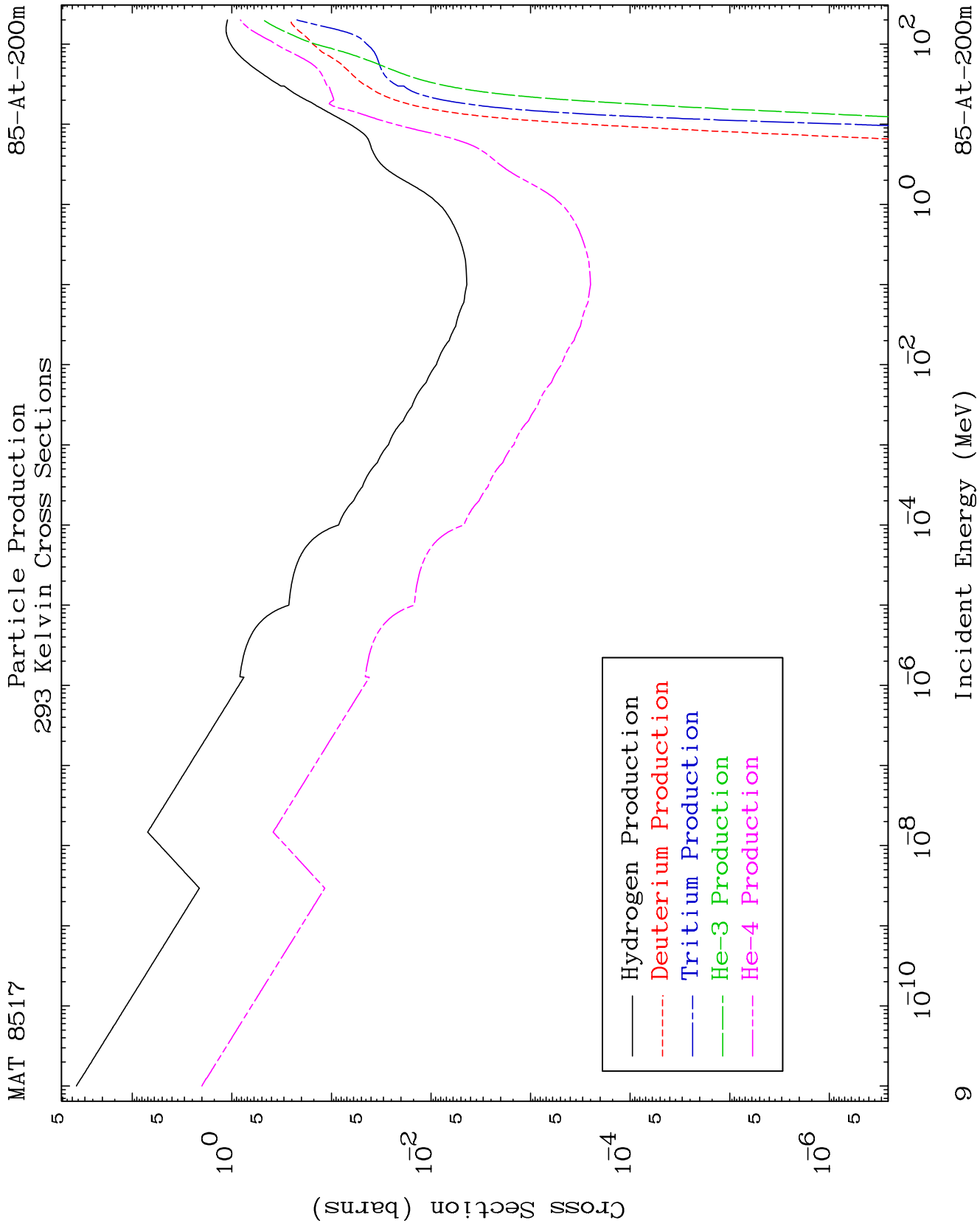
Charged Particle
293 Kelvin Cross Sections

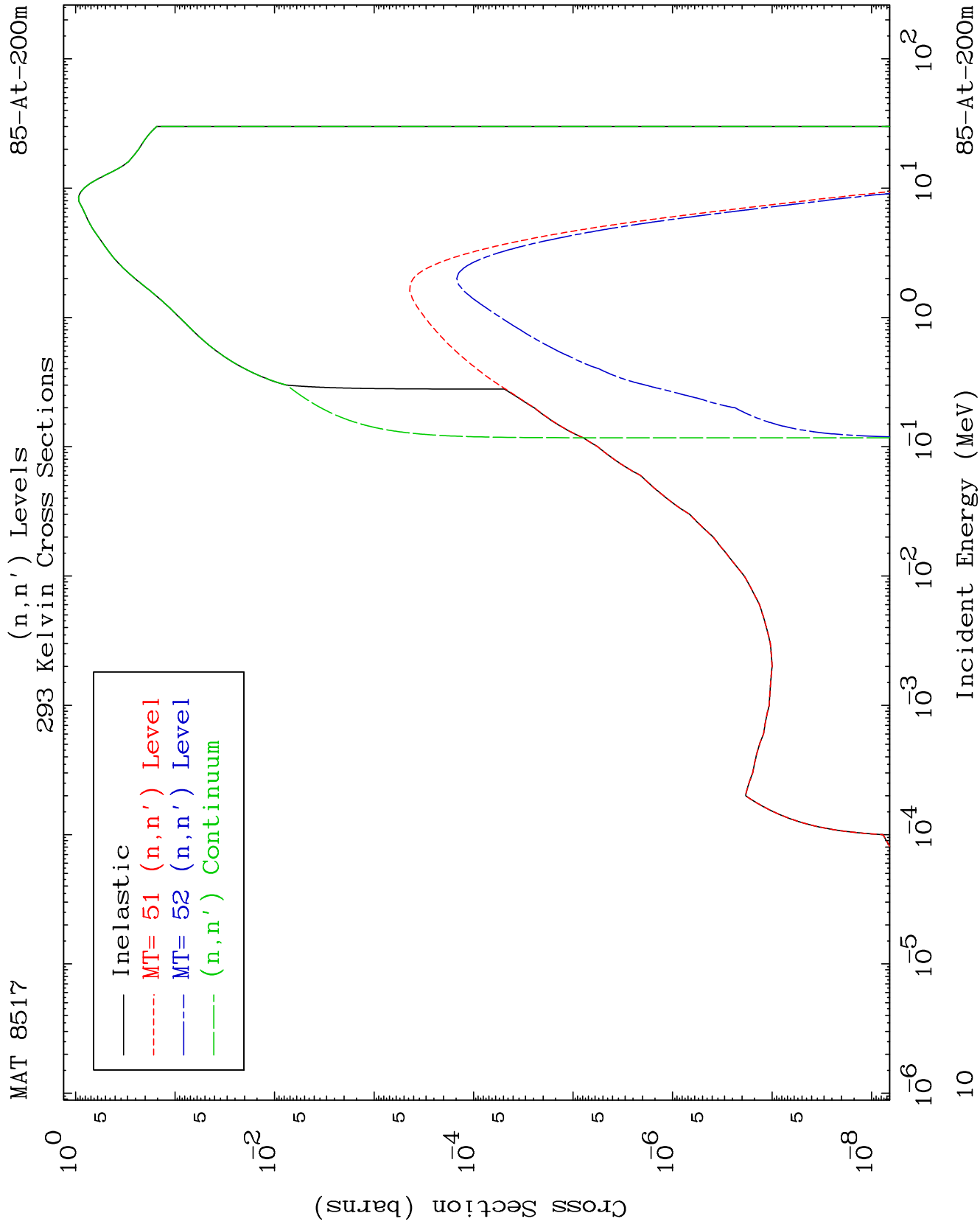
85-At-200m

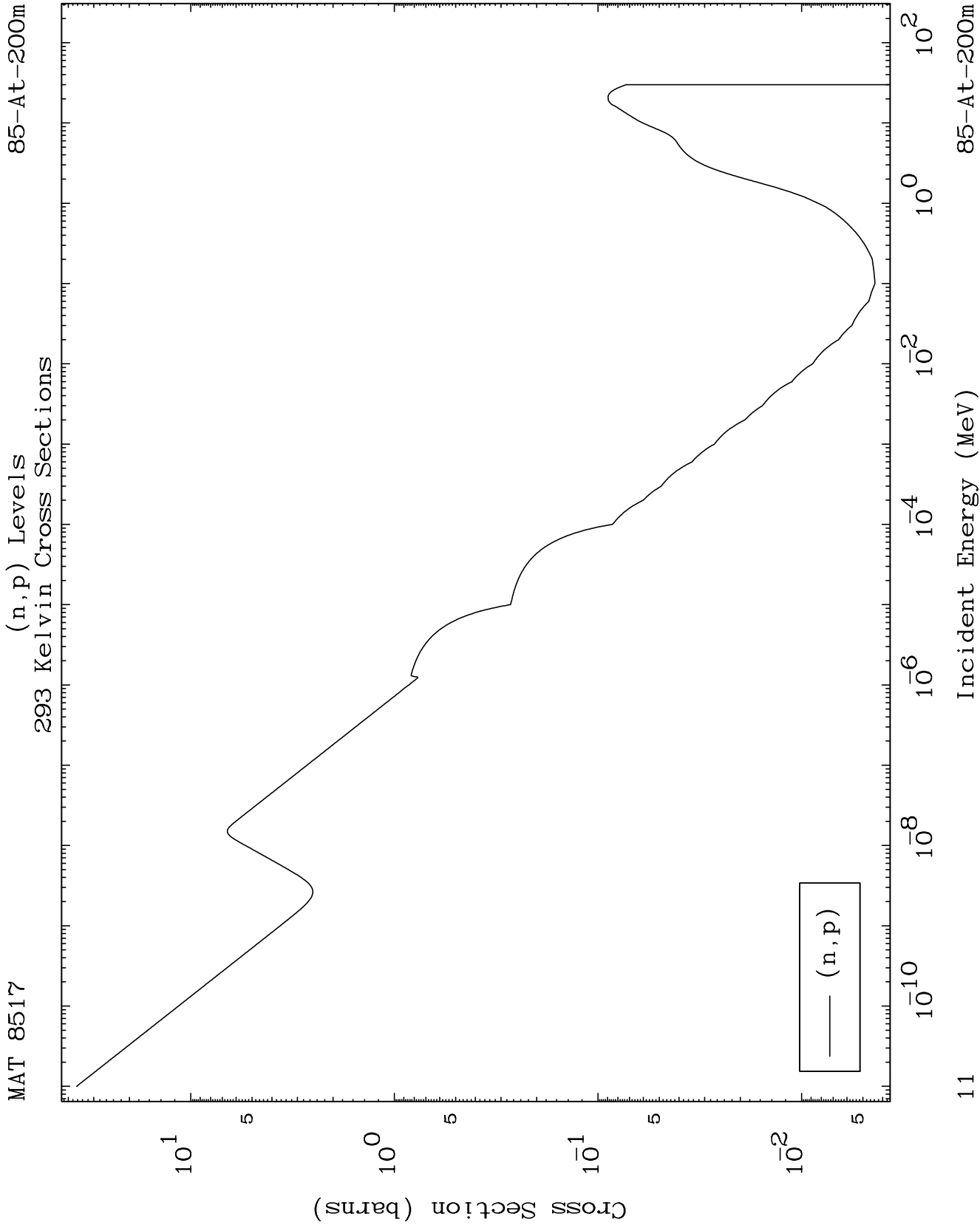








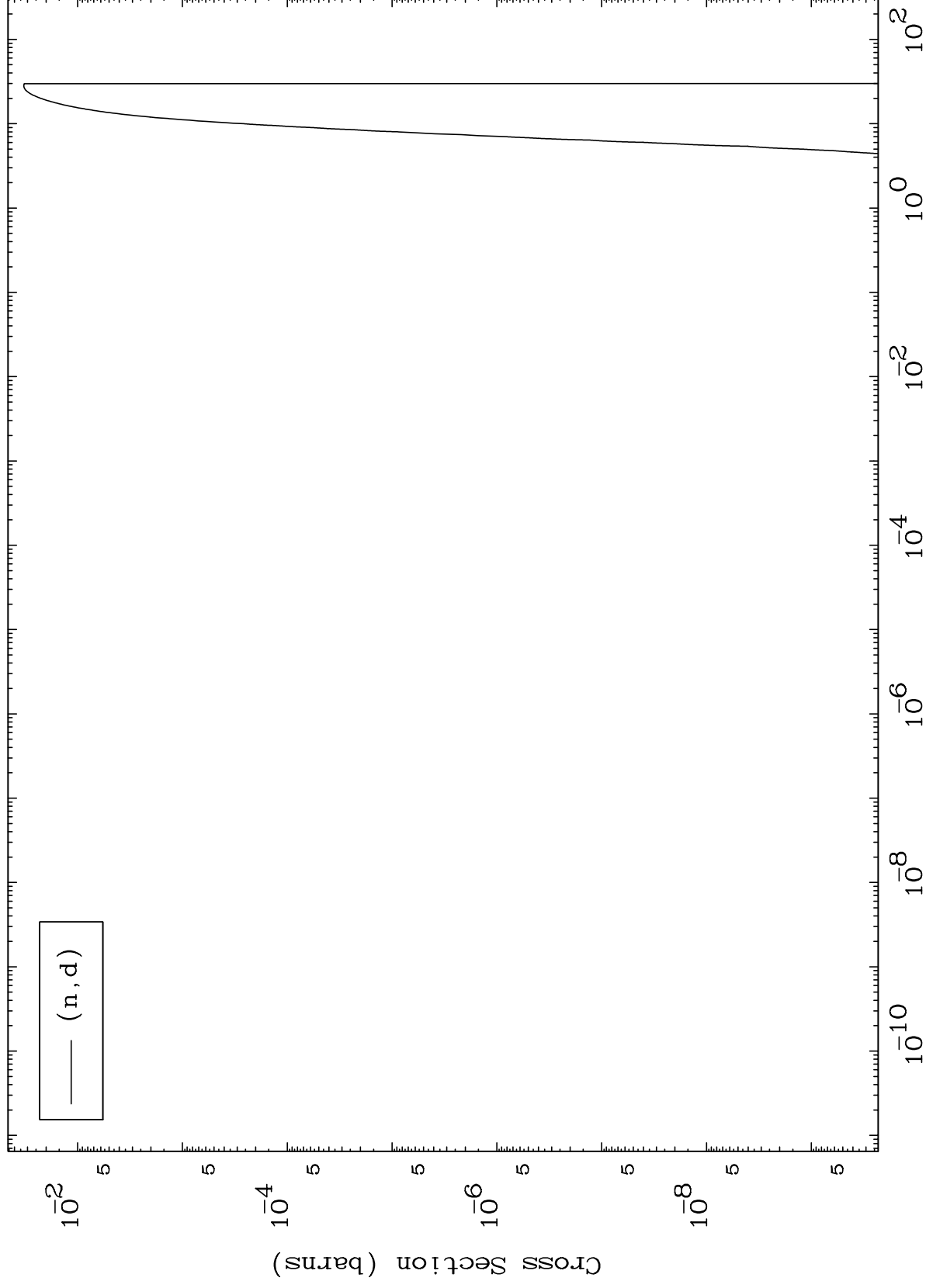




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(n,d) Levels
293 Kelvin Cross Sections

85-At-200m



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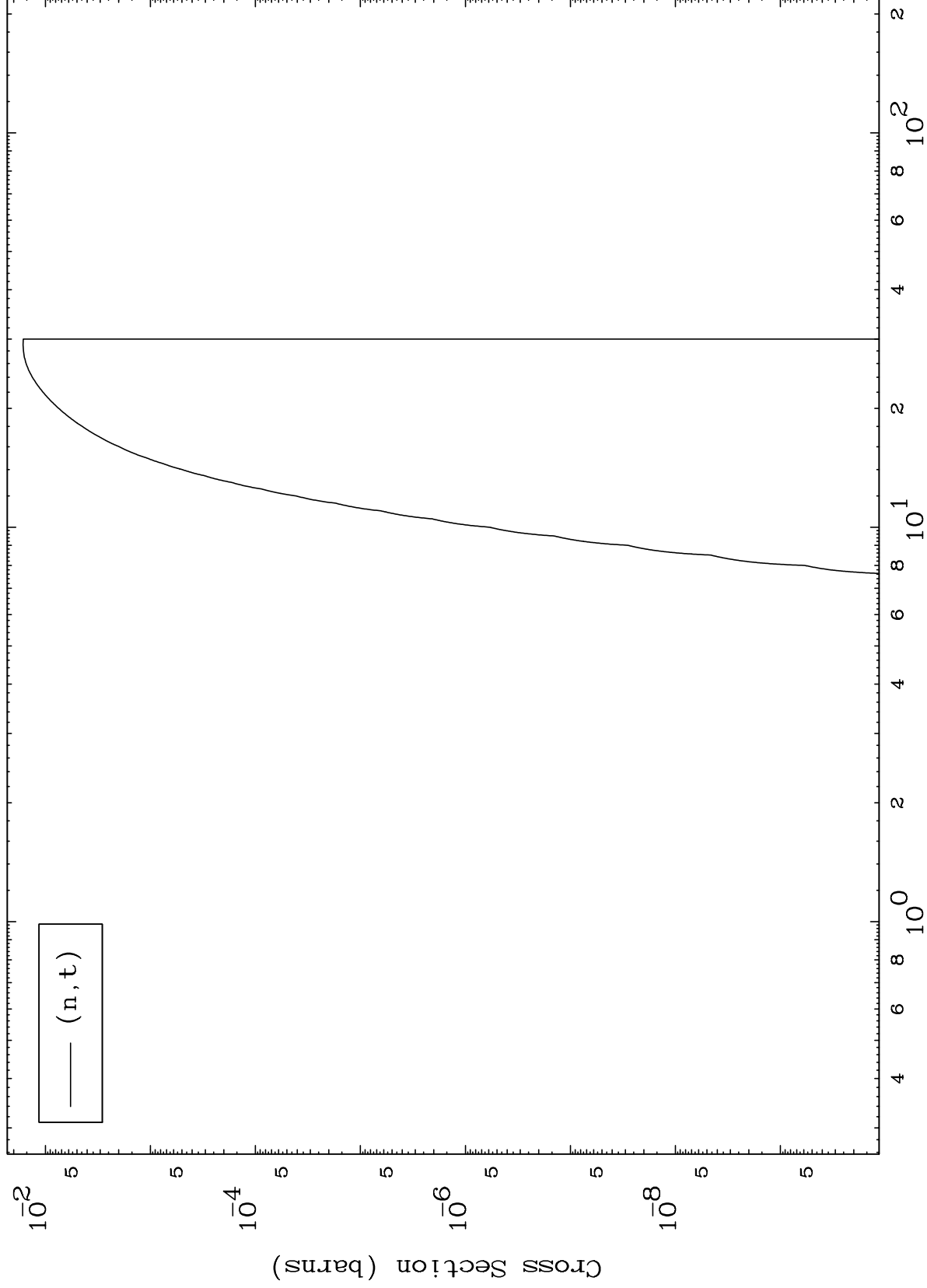
Incident Energy (MeV)

85-At-200m

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85-At-200m

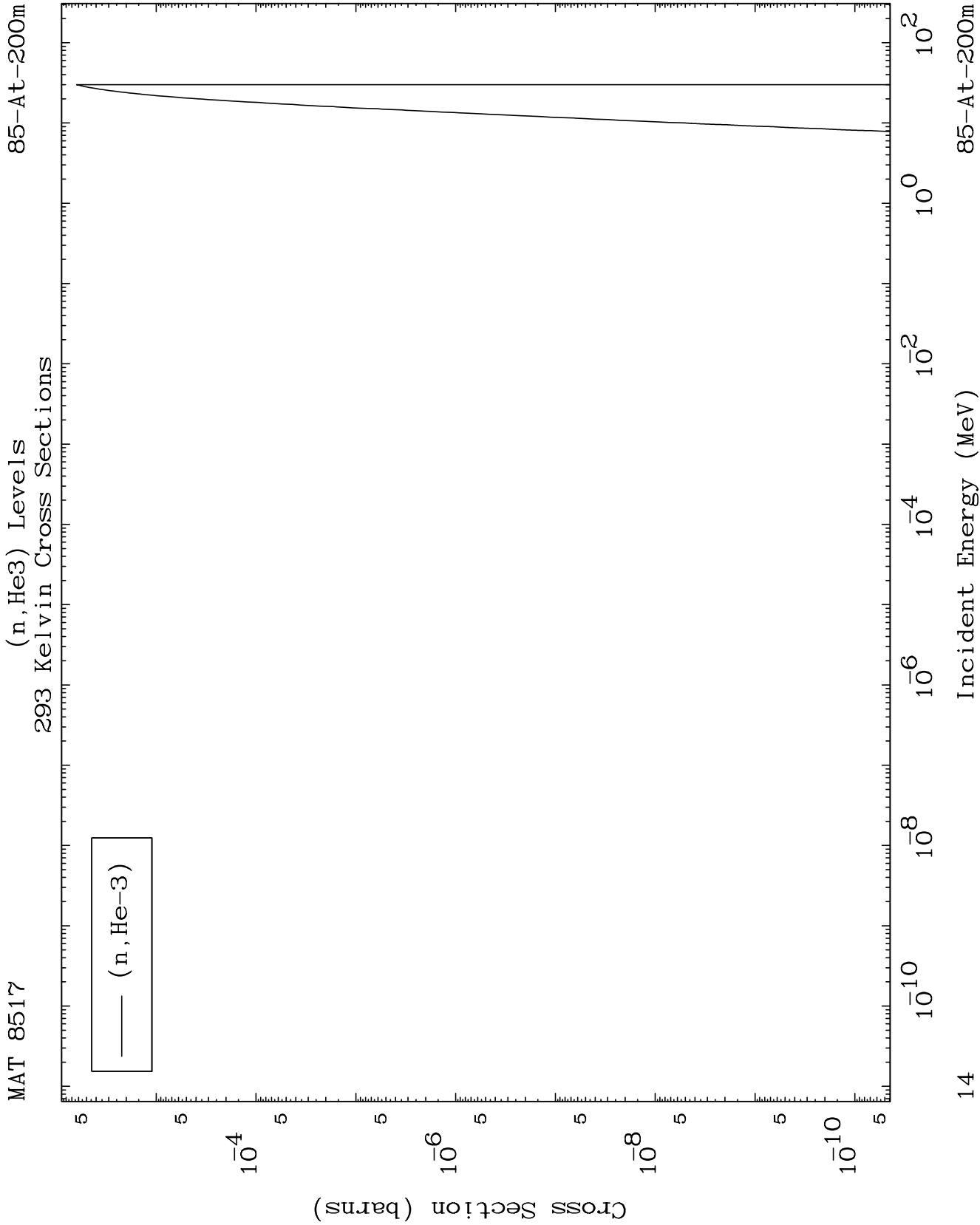
(n,t) Levels
293 Kelvin Cross Sections

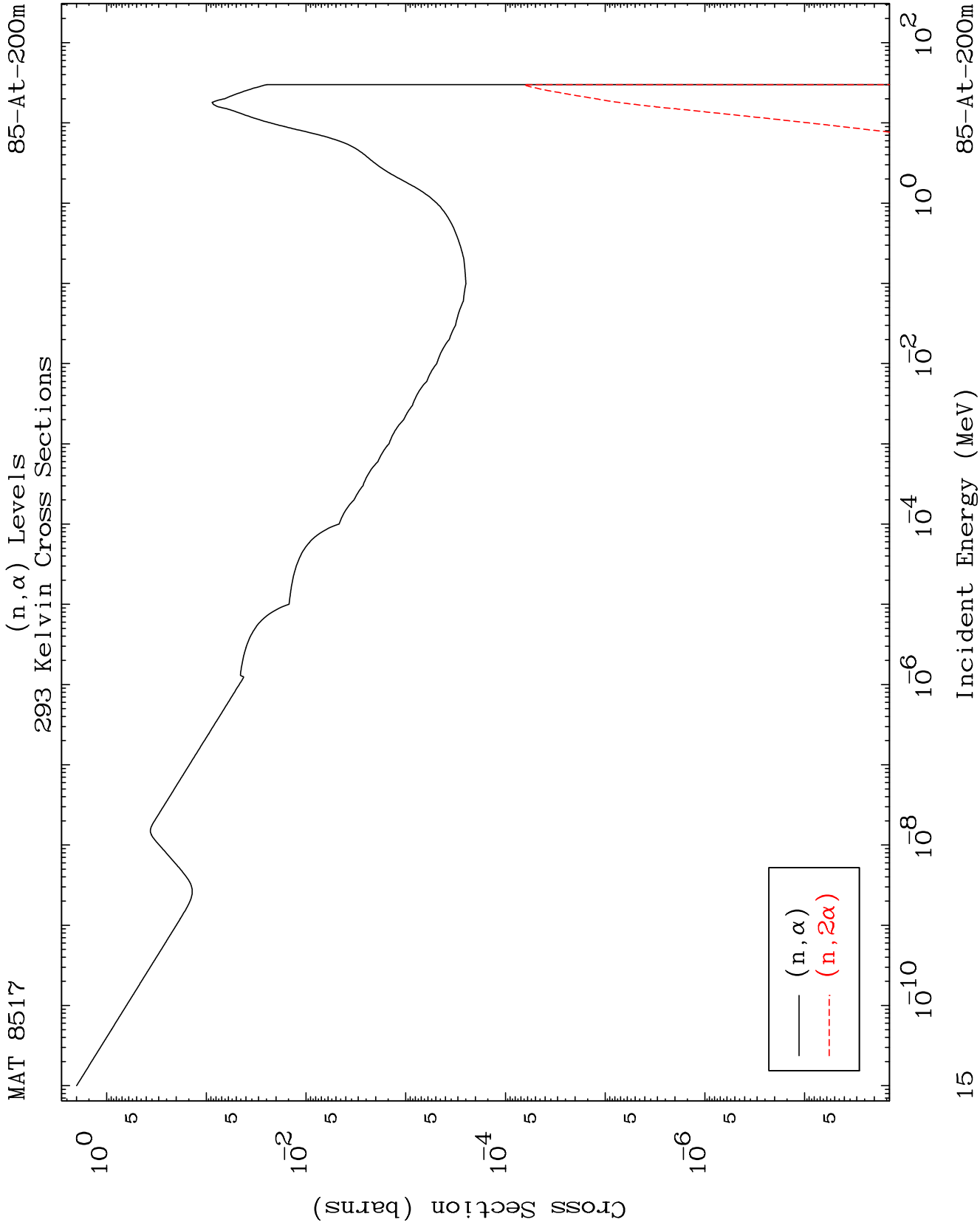


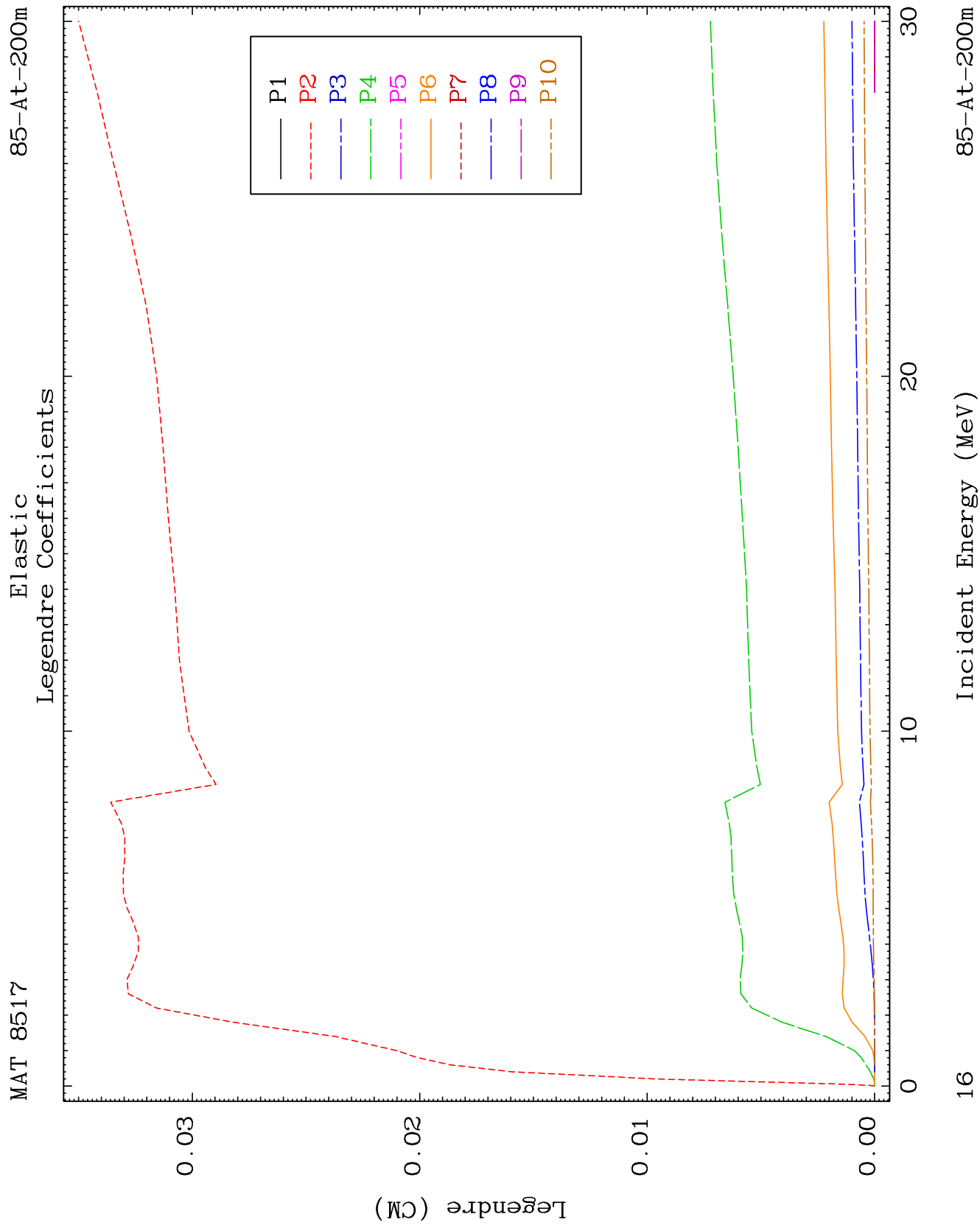
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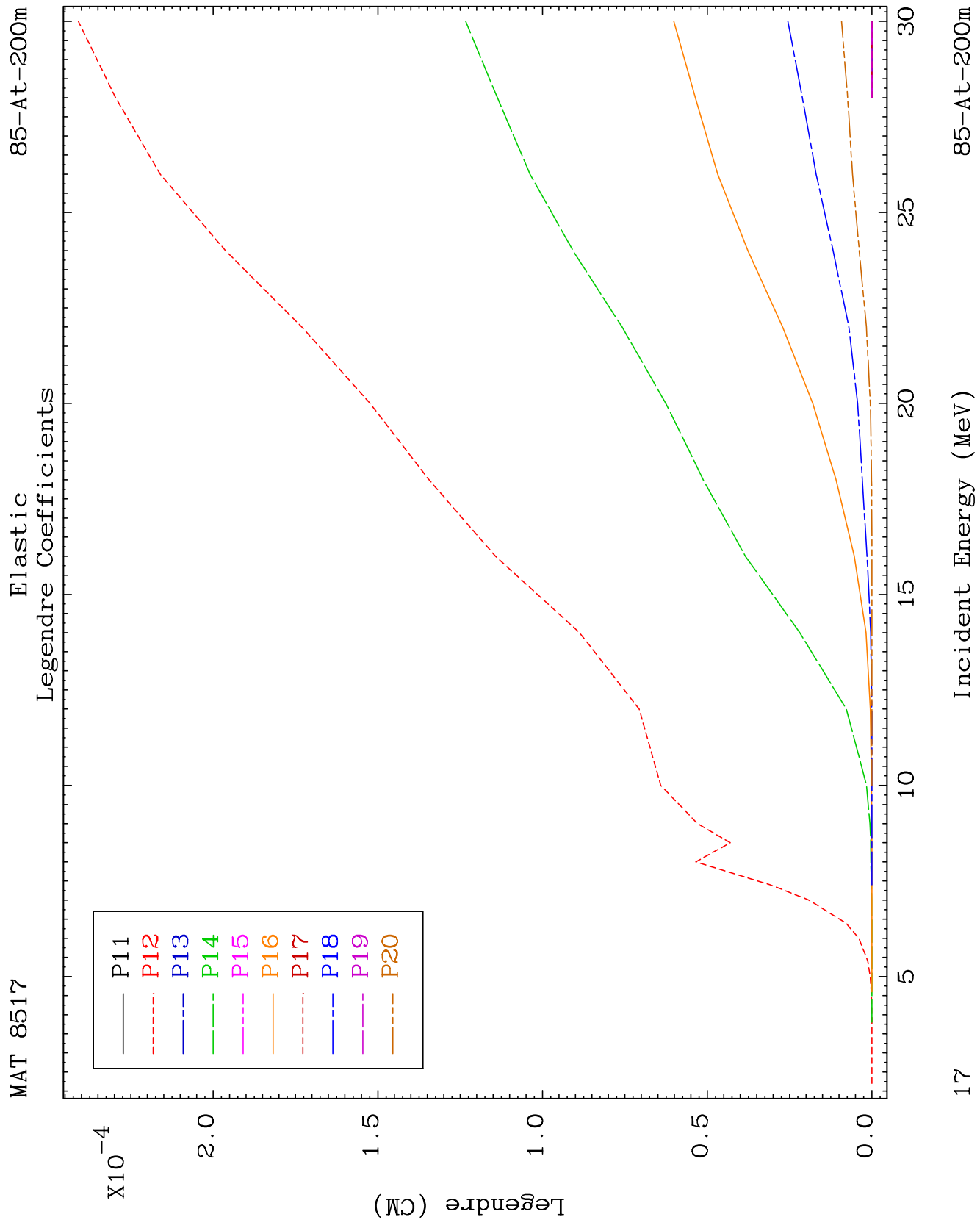
Incident Energy (MeV)

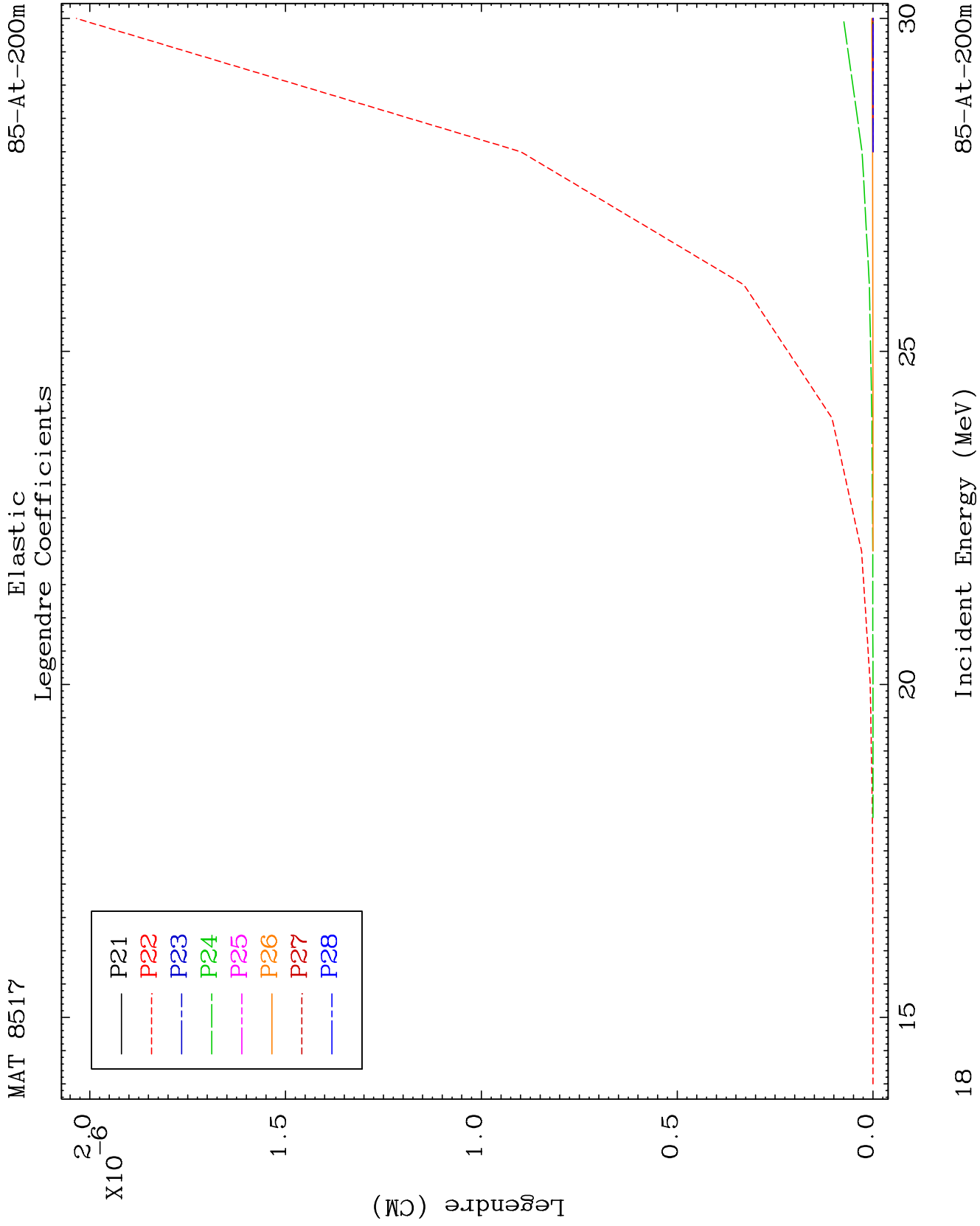
85-At-200m

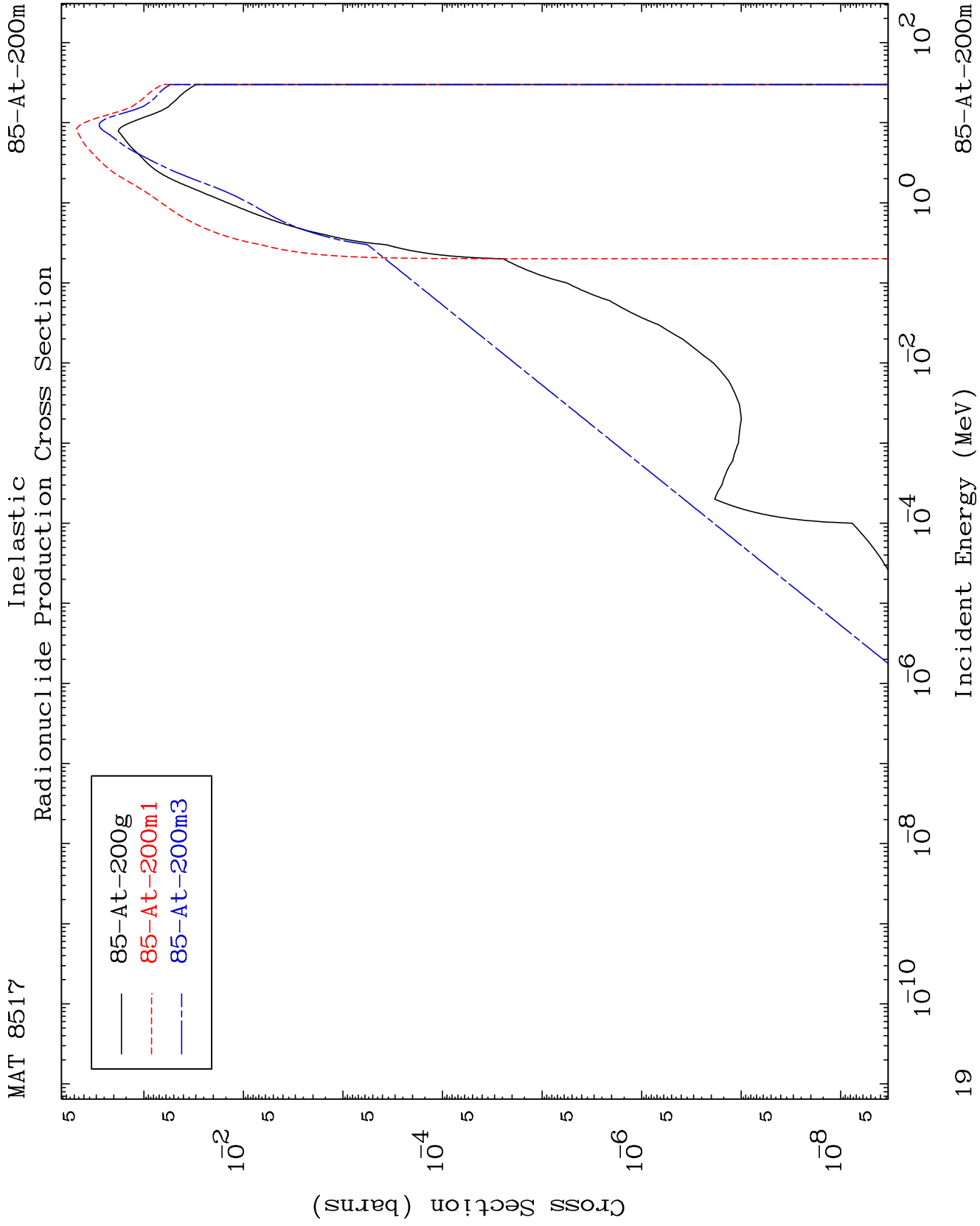


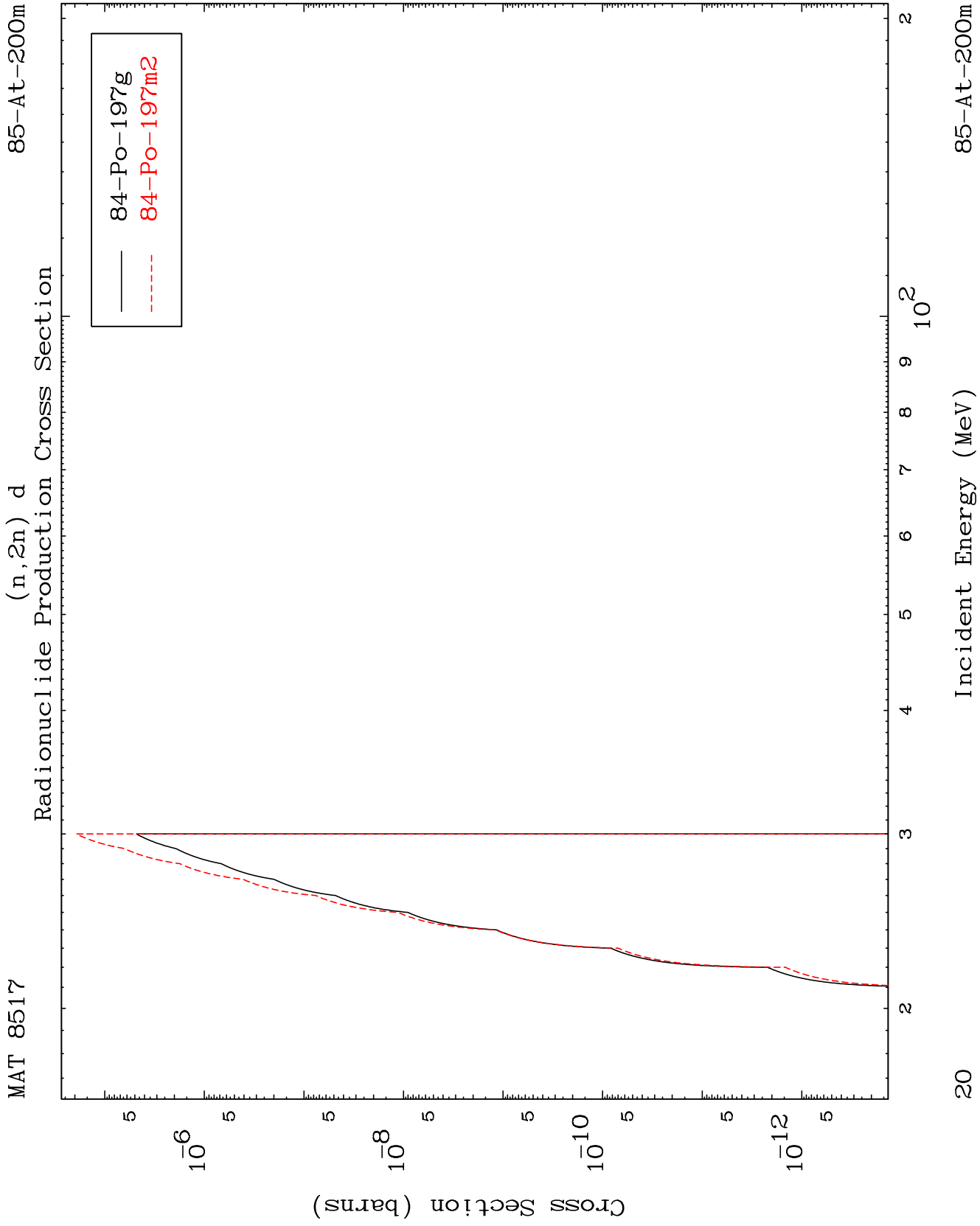


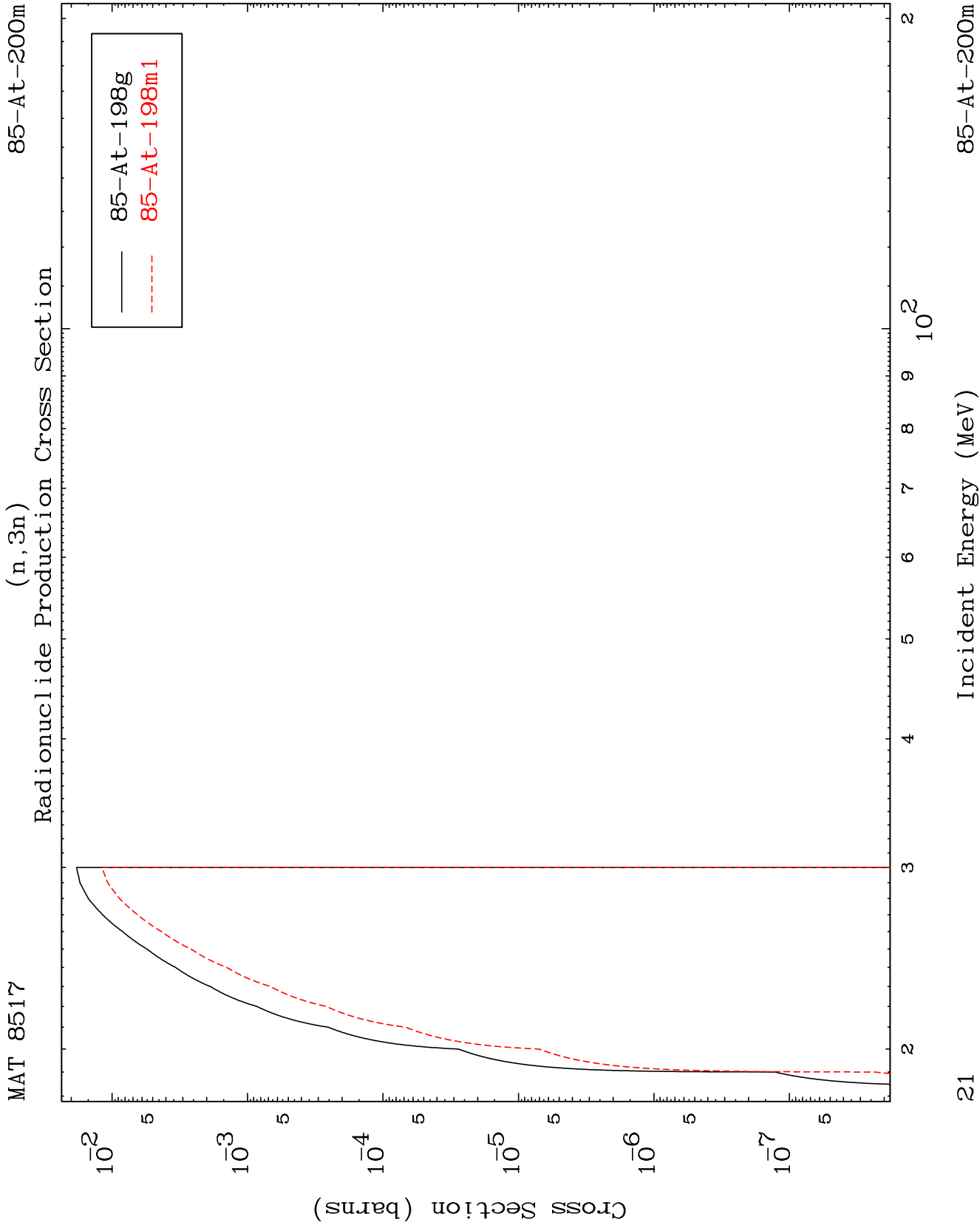










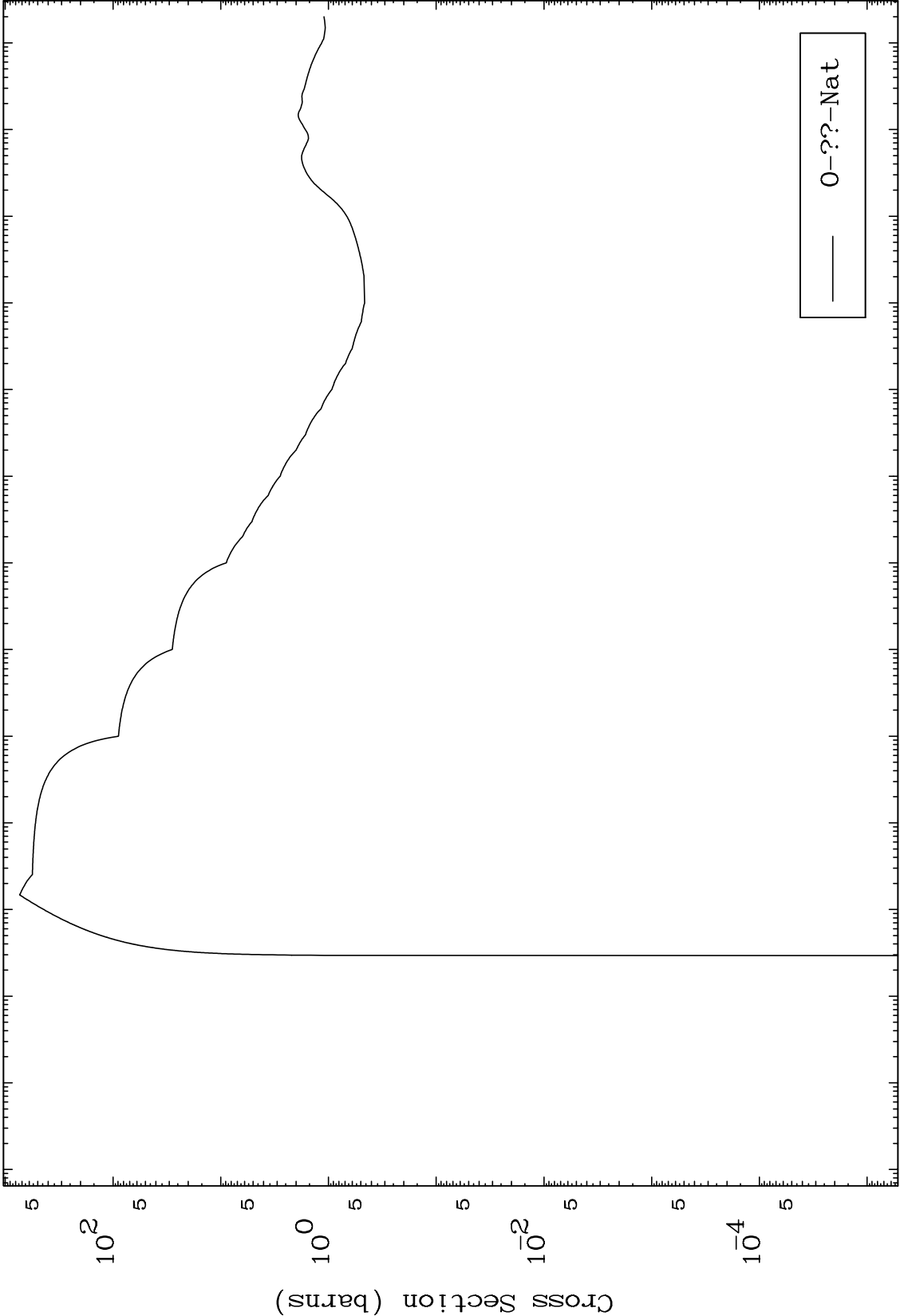


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Fission

85-At-200m

Radionuclide Production Cross Section



0-??-Nat

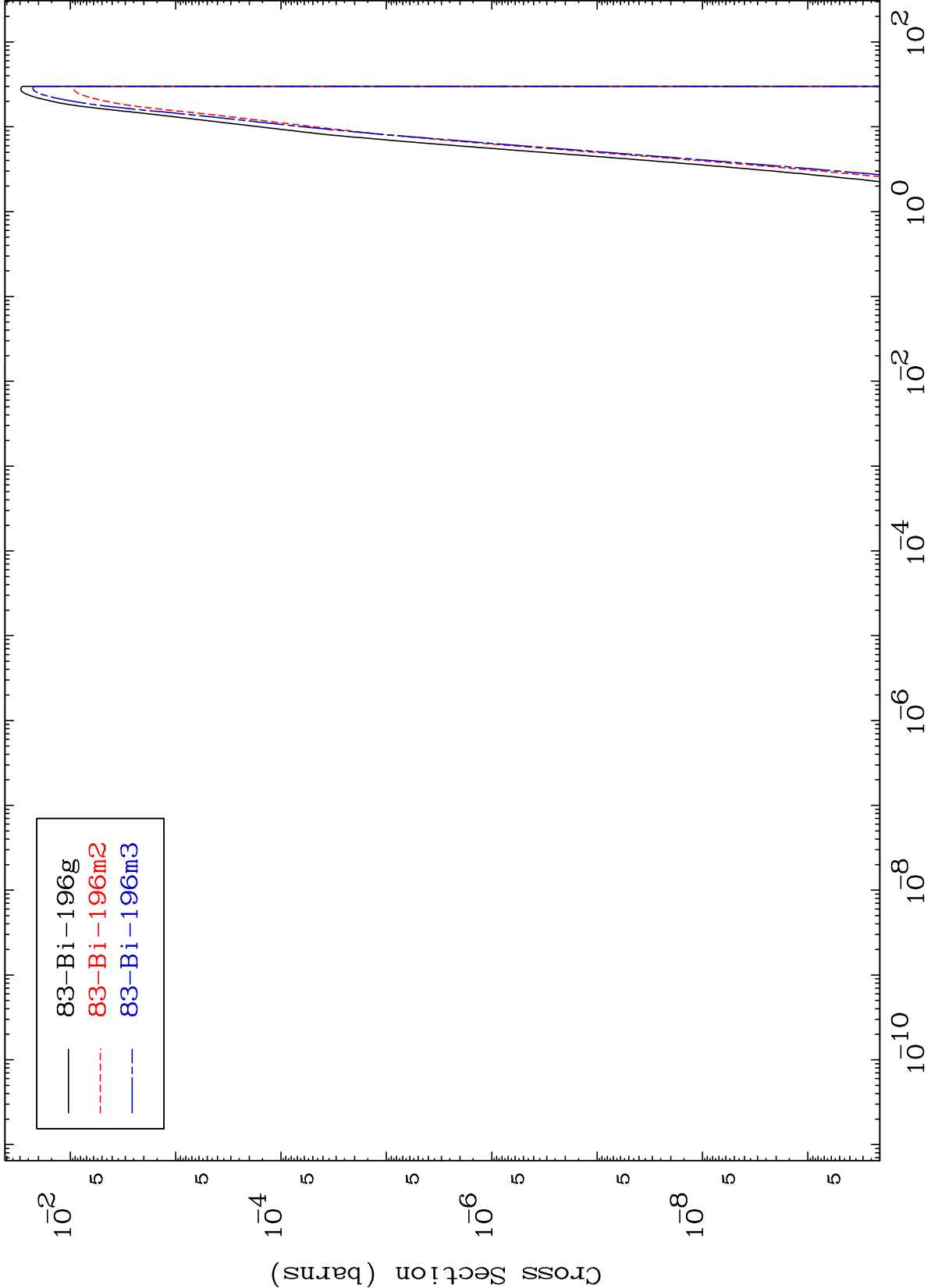
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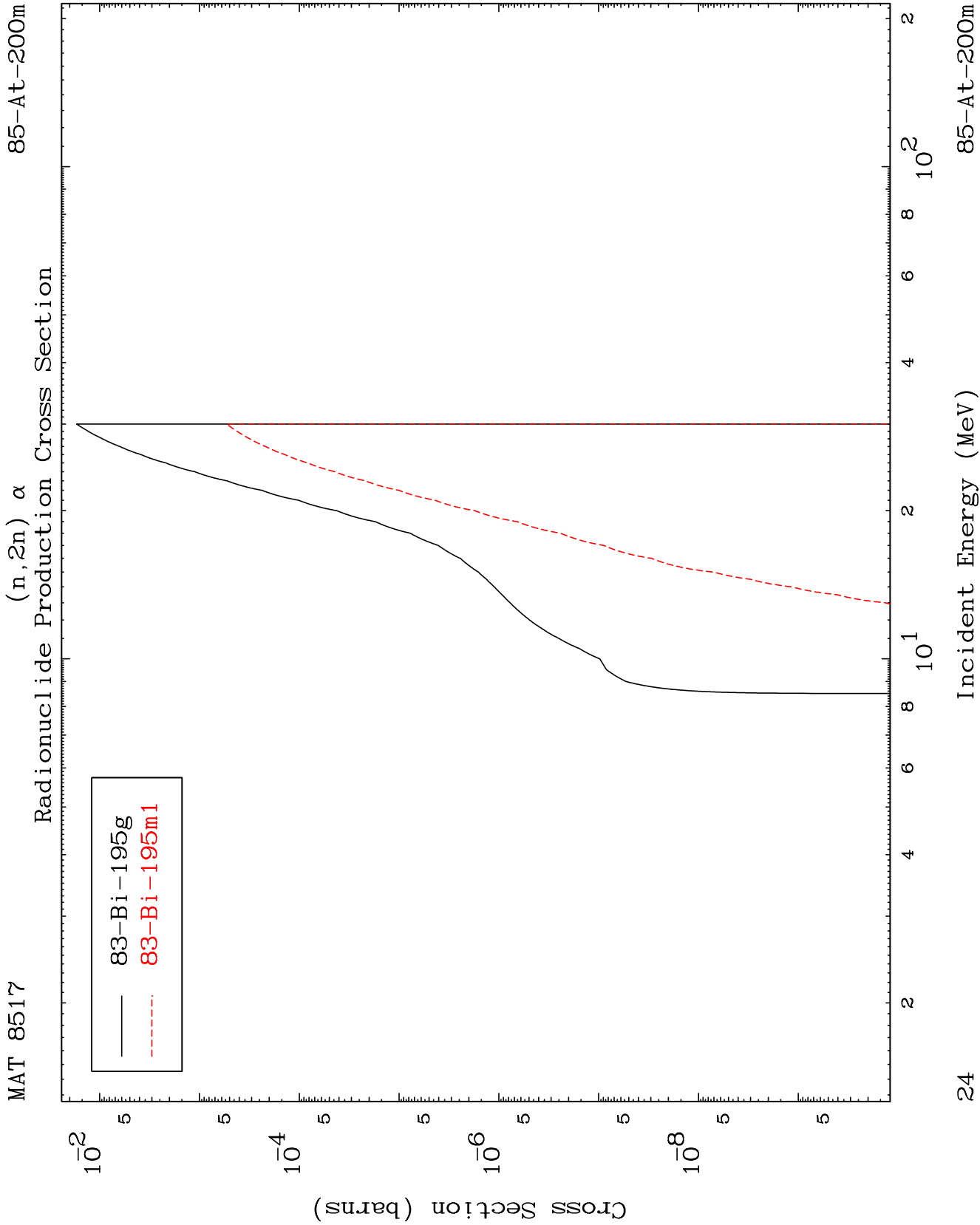
Incident Energy (MeV)

85-At-200m

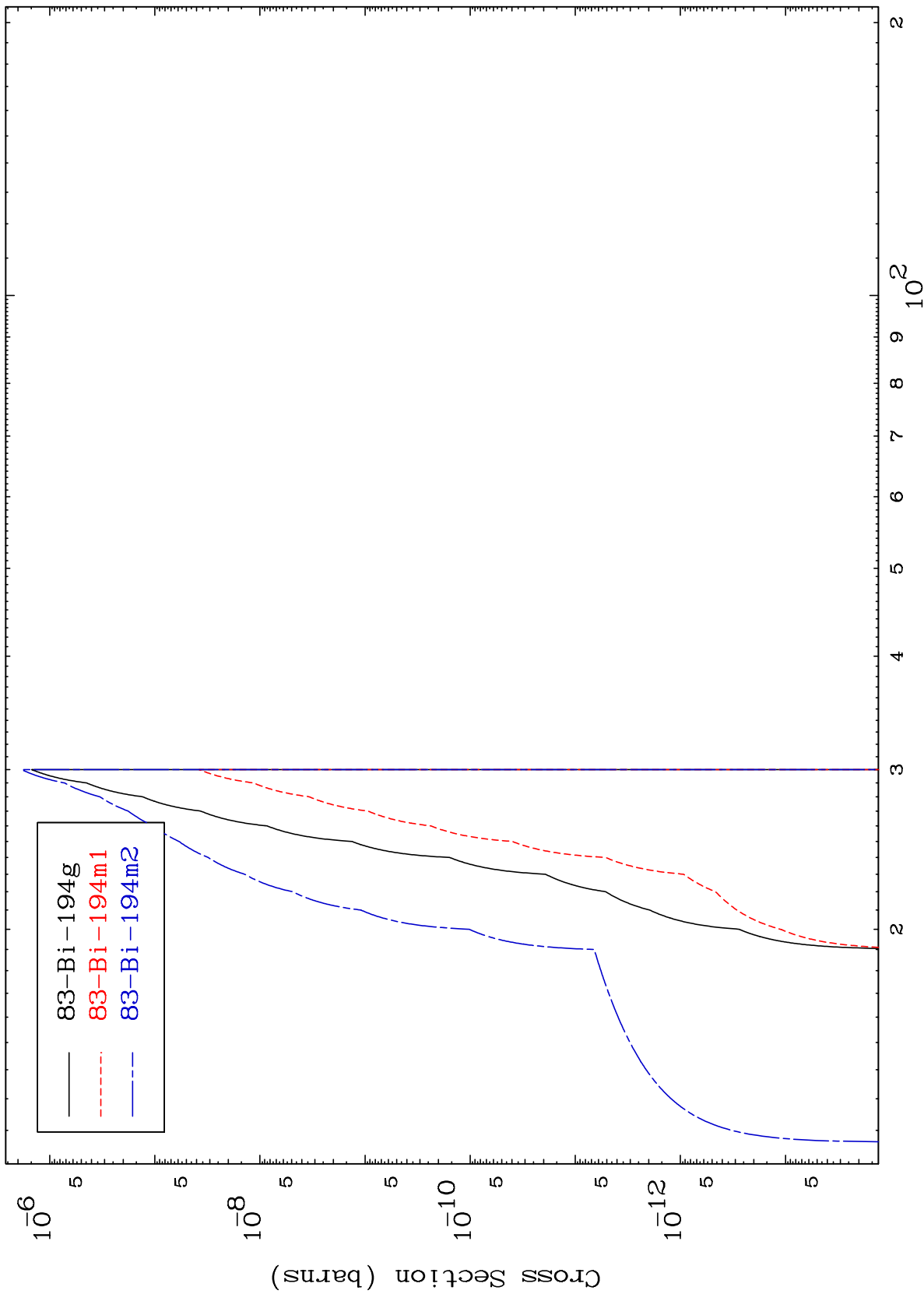
Radionuclide Production Cross Section

$(n,n') \alpha$





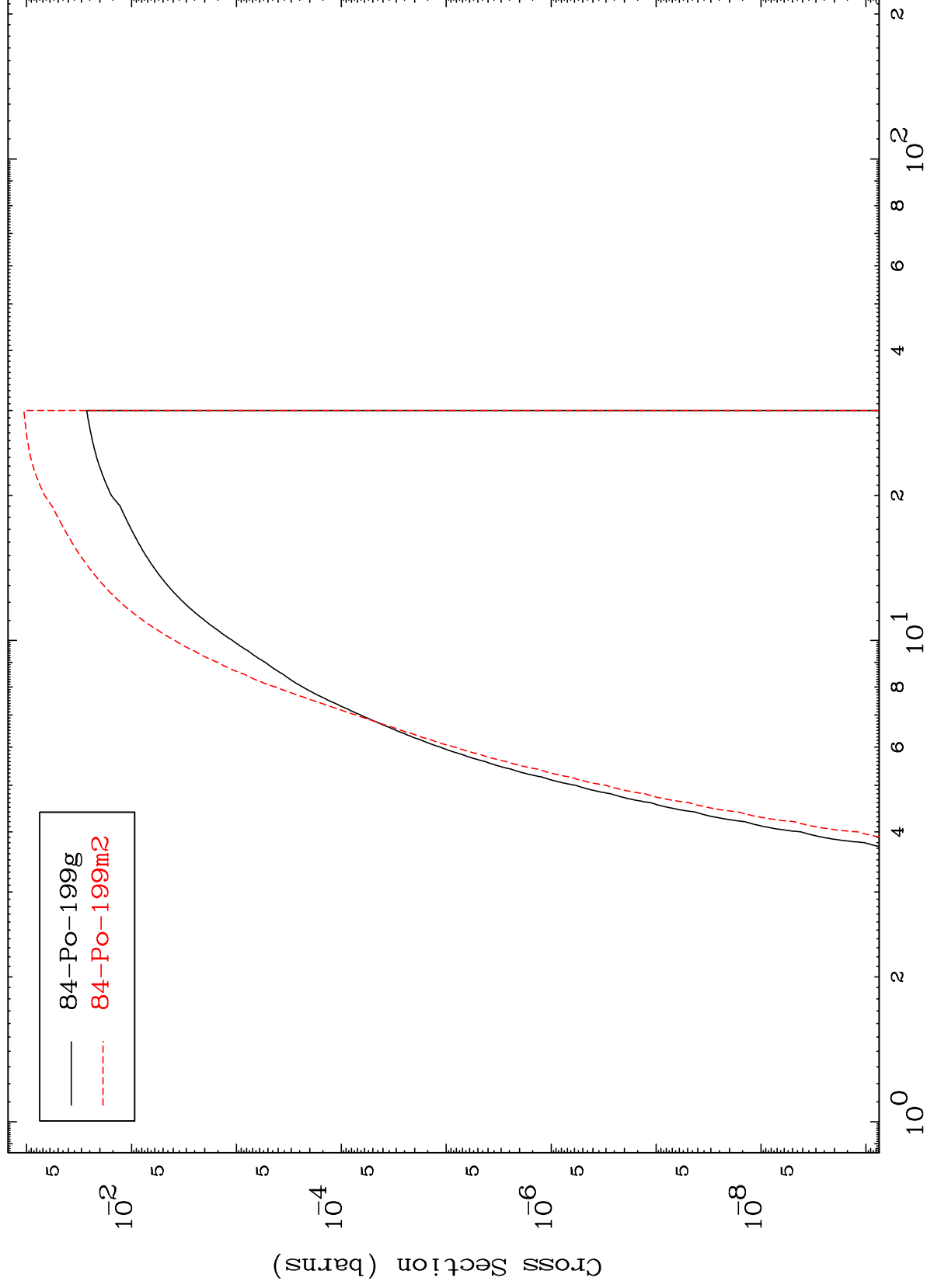
Radionuclide Production Cross Section



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85-At-200m

(n,n') p
Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-200m

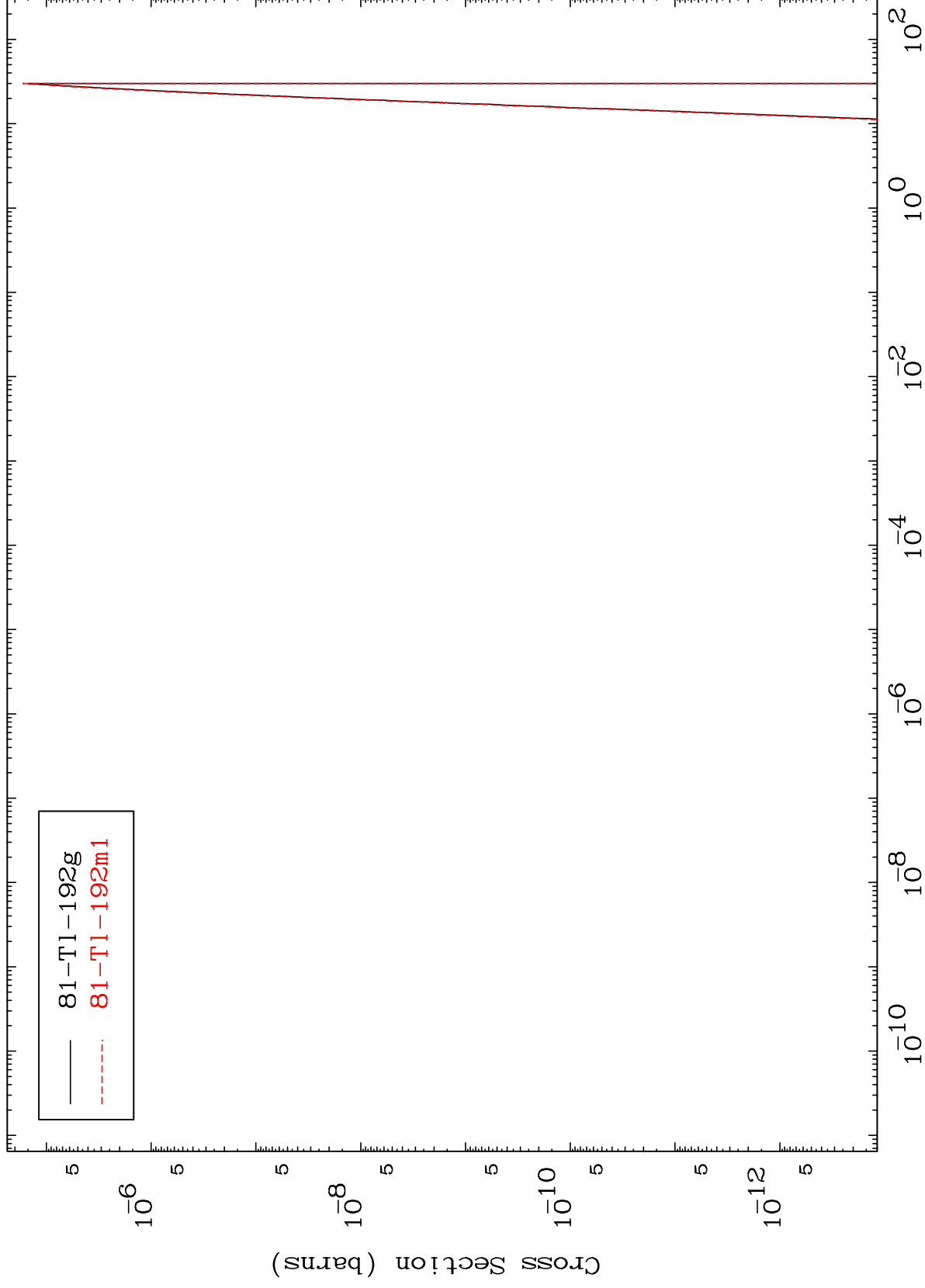
26

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(n,n') 2 α

85-At-200m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

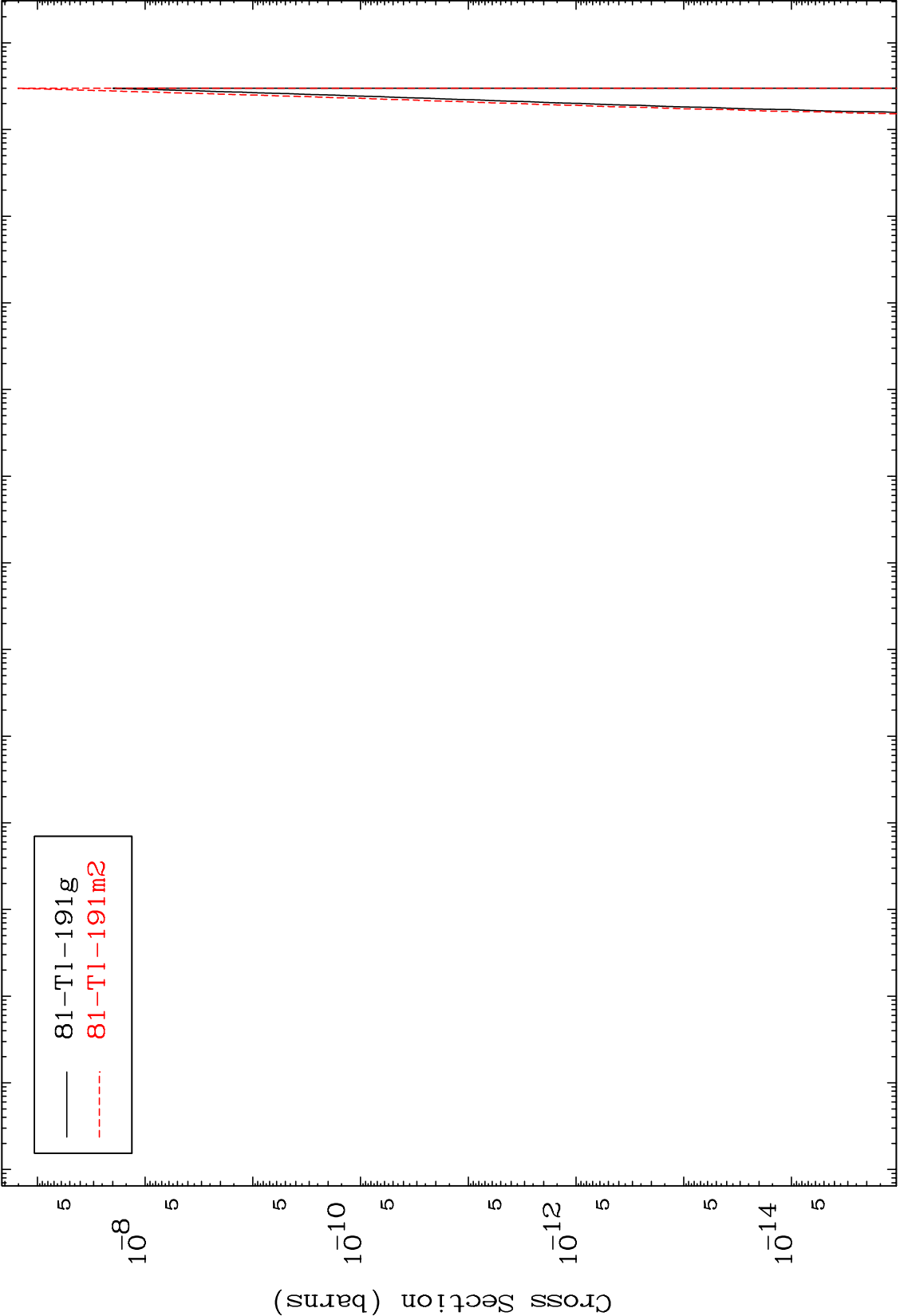
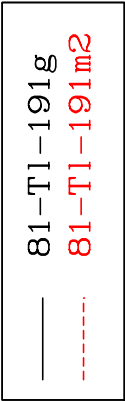
85-At-200m

MAT 8517

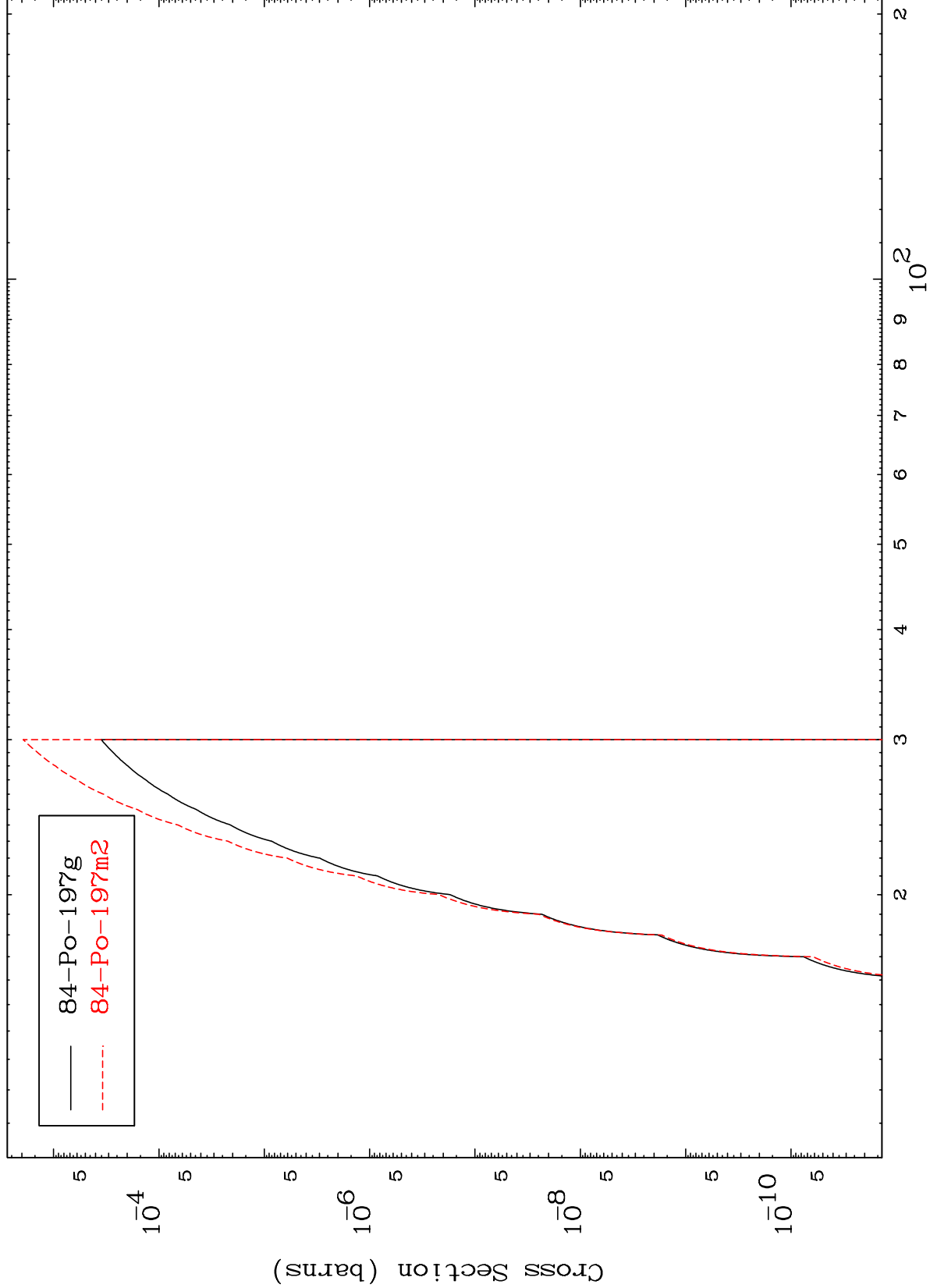
(n,2n) 2α

85-At-200m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

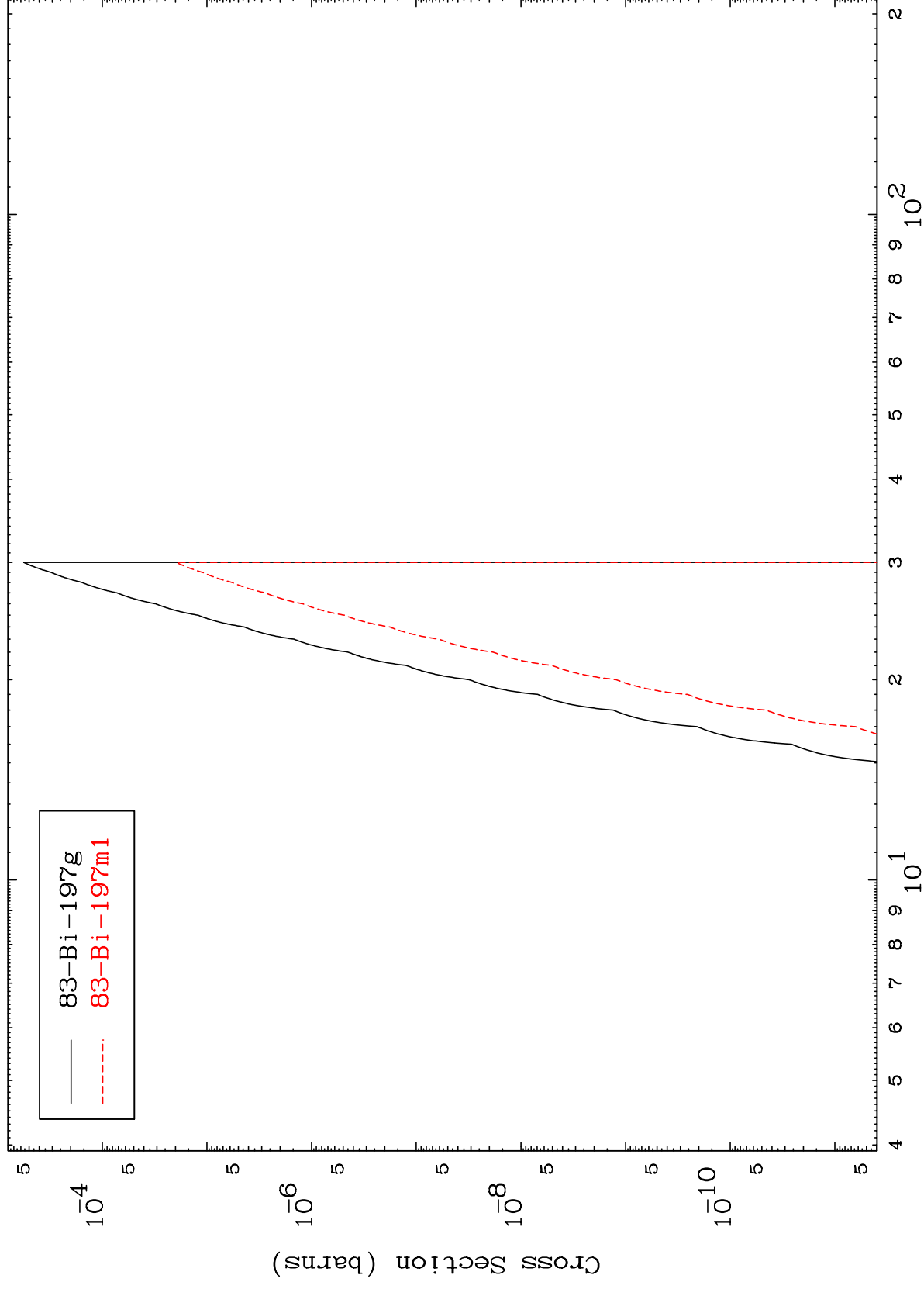


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 $(n, n') \text{ He-3}$

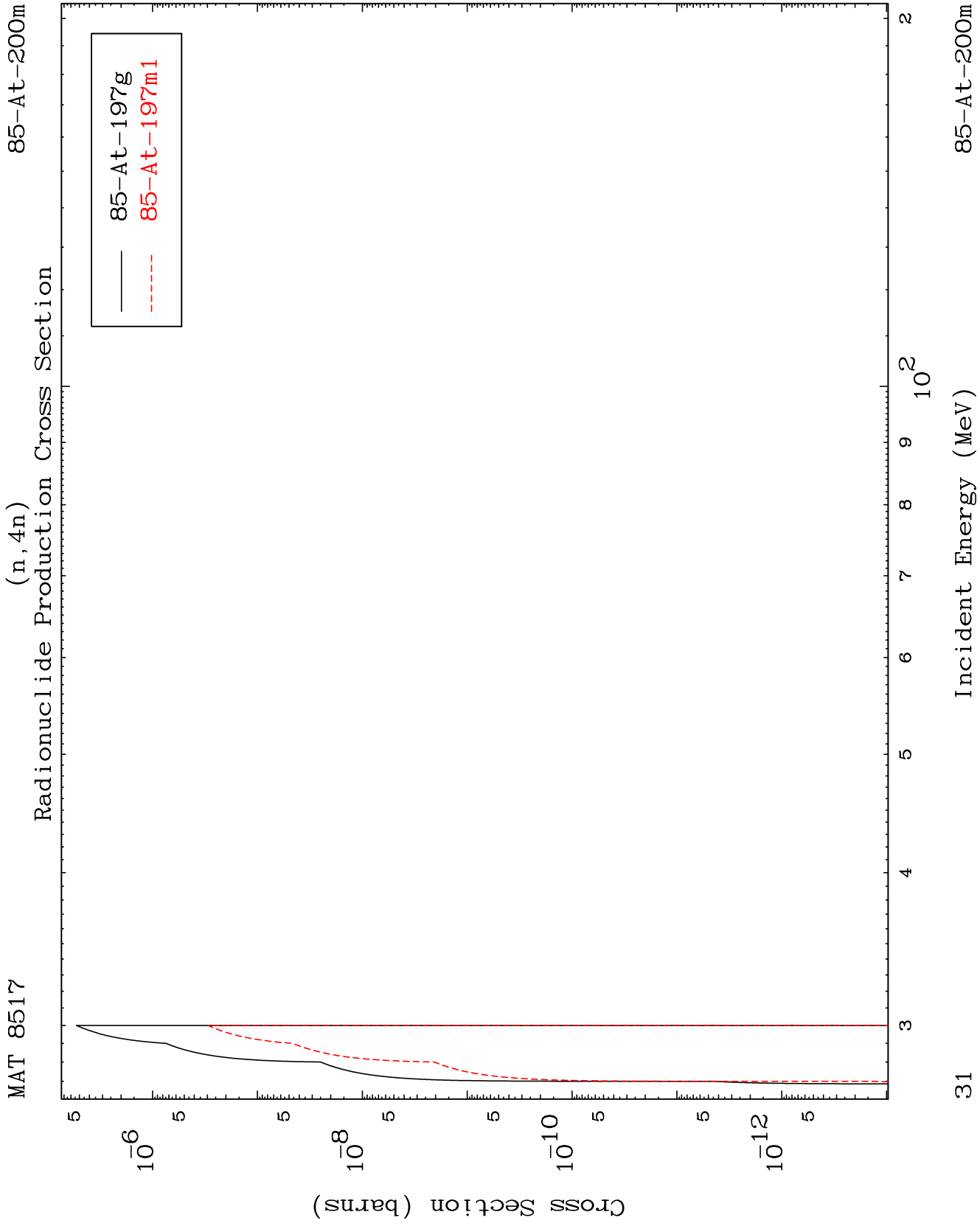
85-At-200m

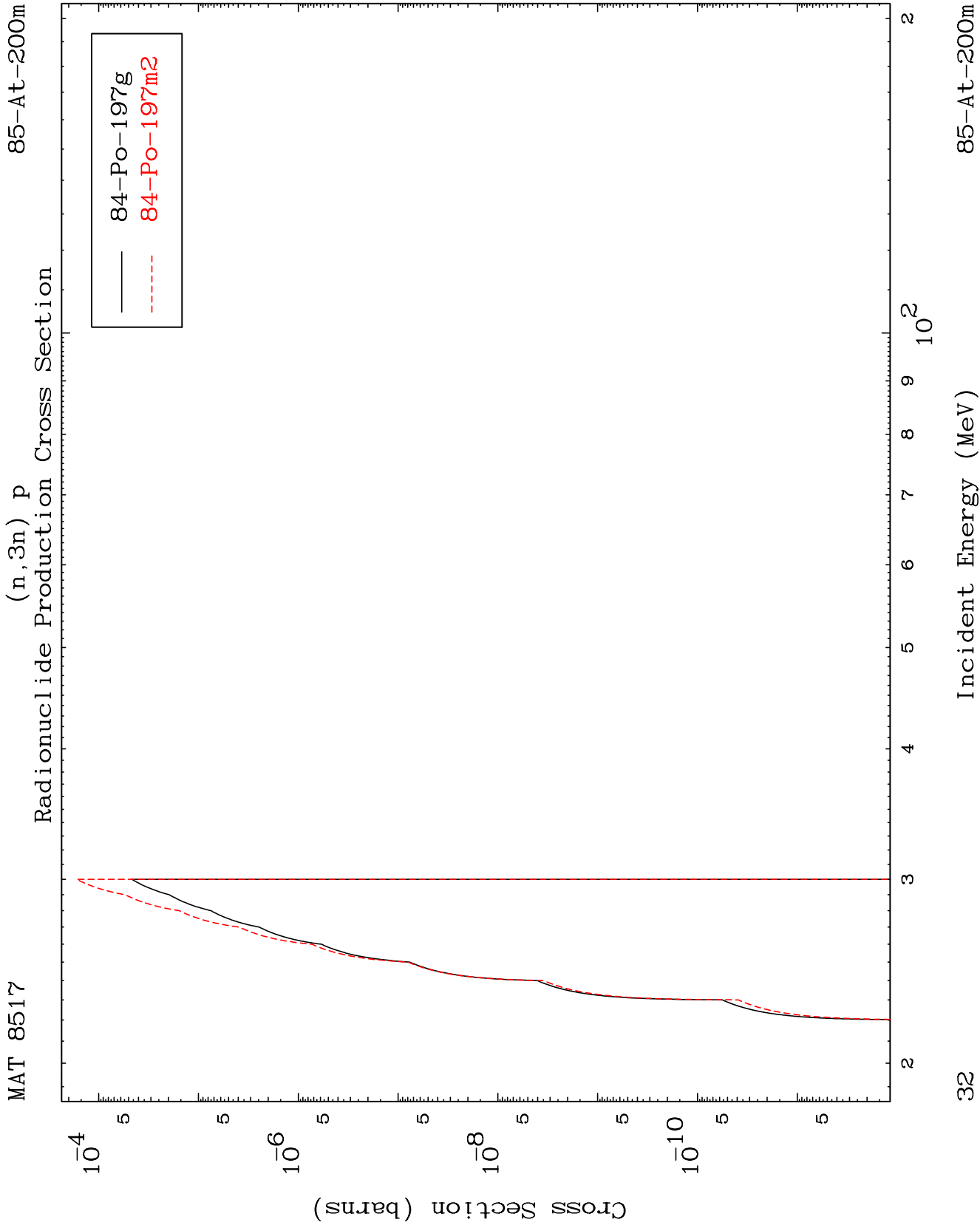
Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-200m

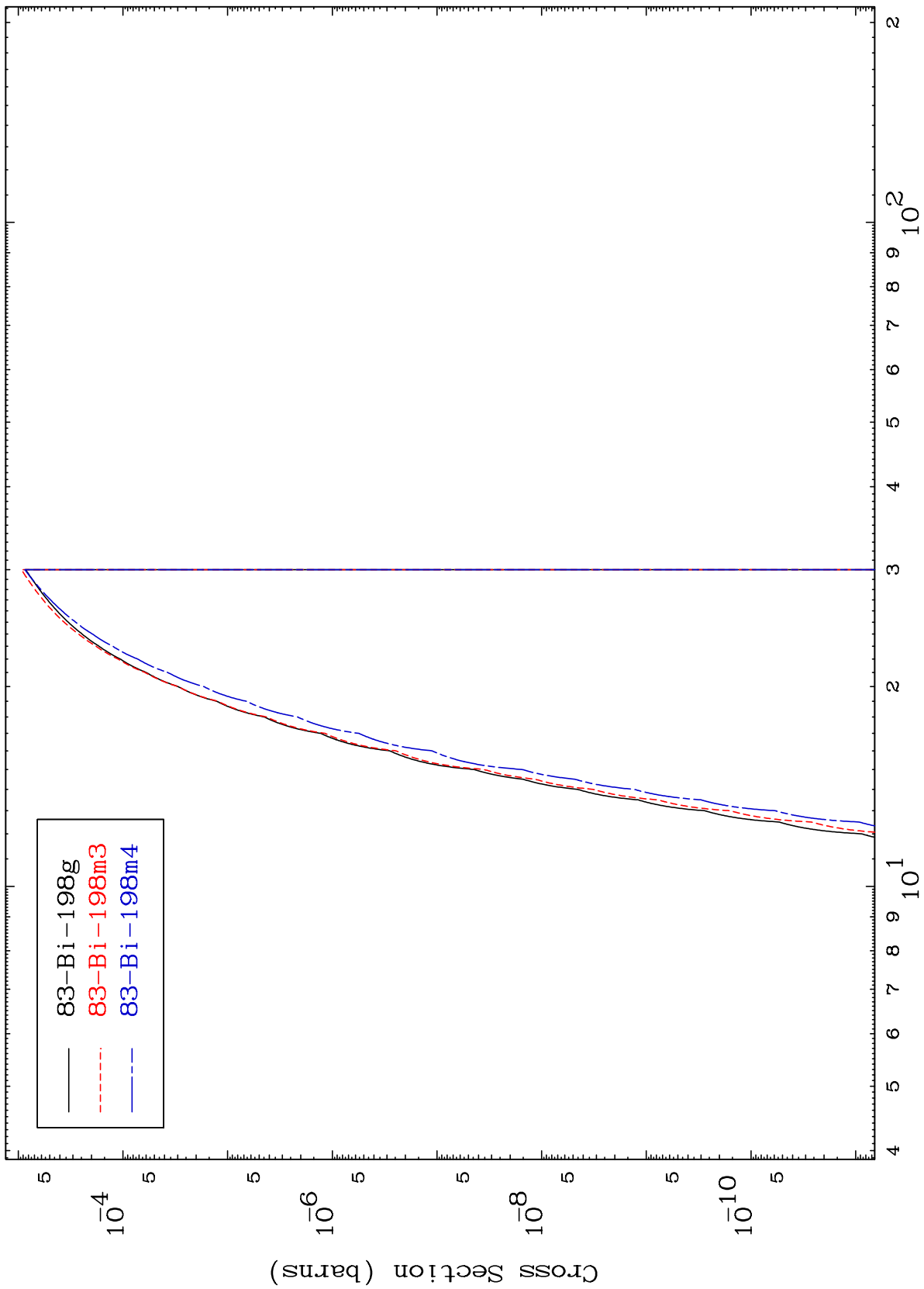




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85-At-200m

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

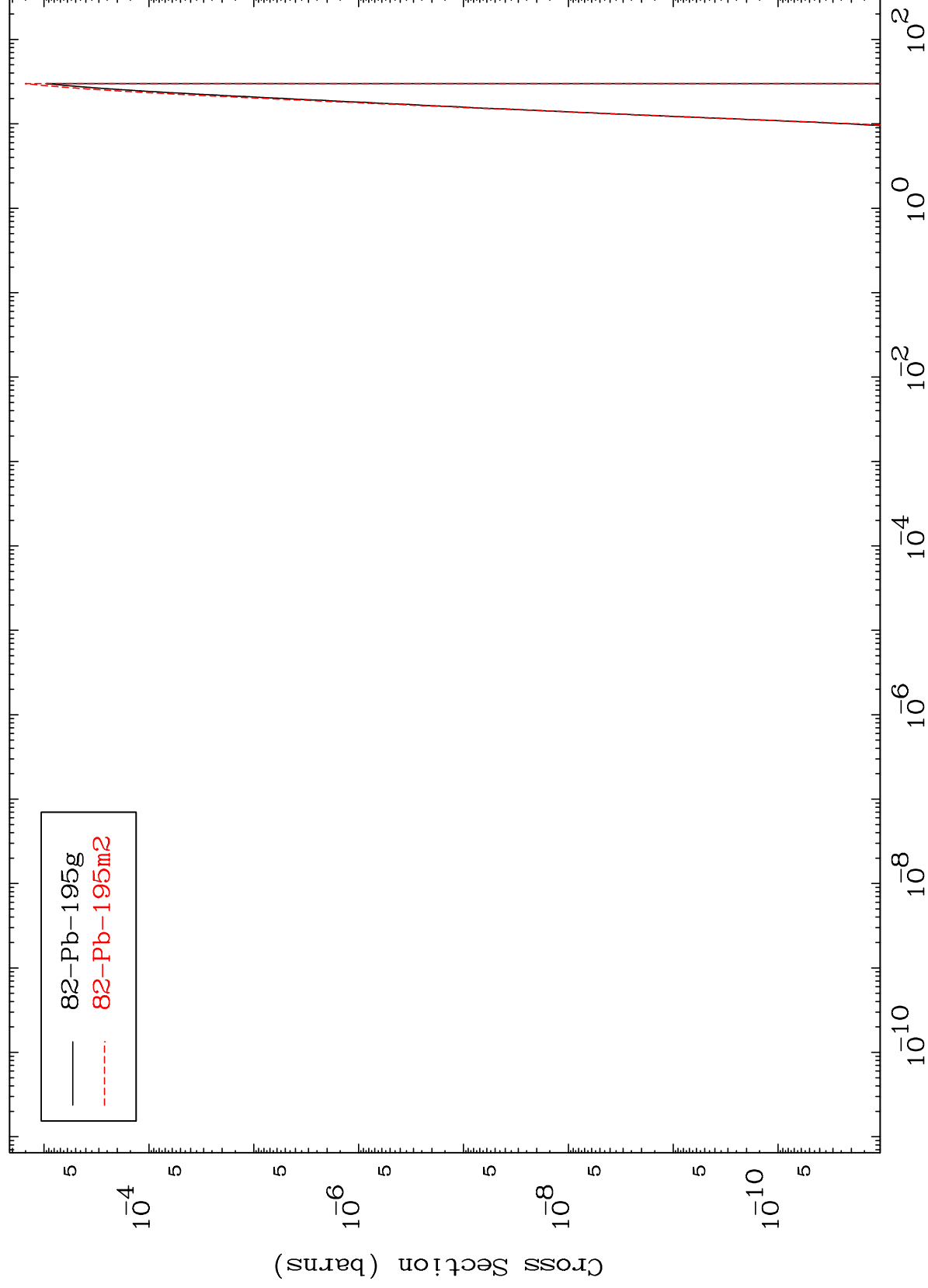
85-At-200m

33

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85-At-200m

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



34

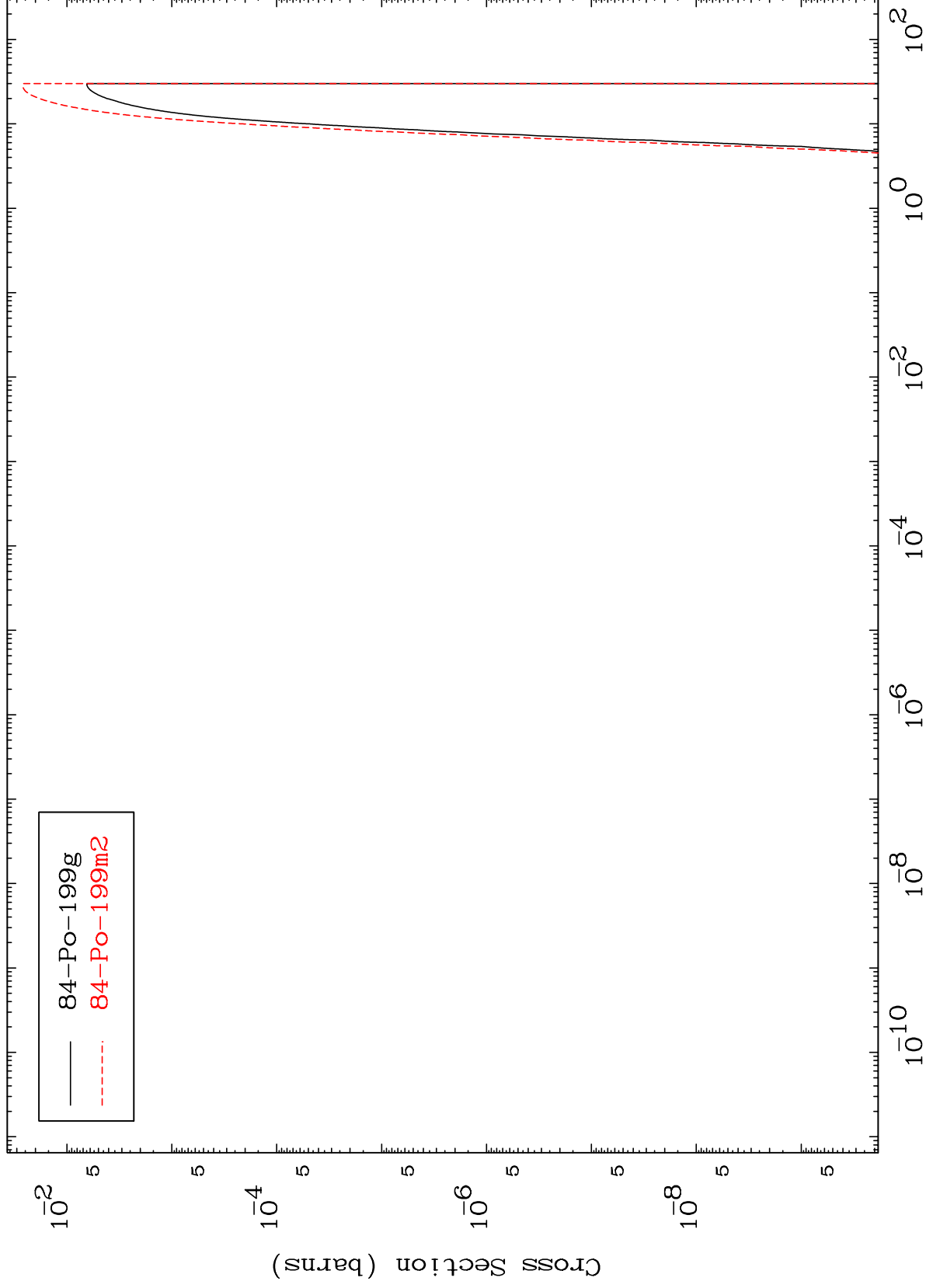
Incident Energy (MeV)

85-At-200m

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85-At-200m

(n,d)
Radionuclide Production Cross Section

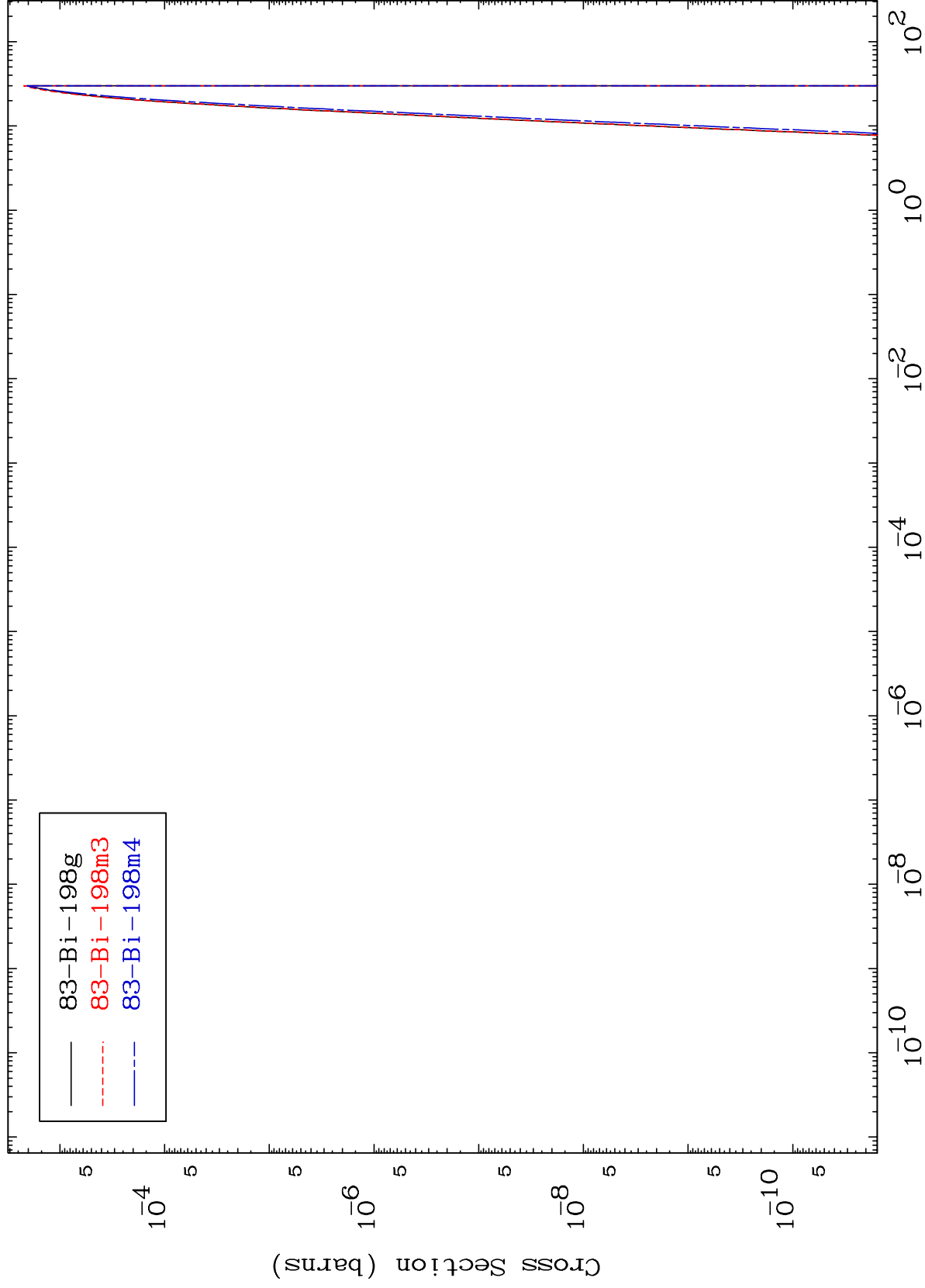


35

Incident Energy (MeV)

85-At-200m

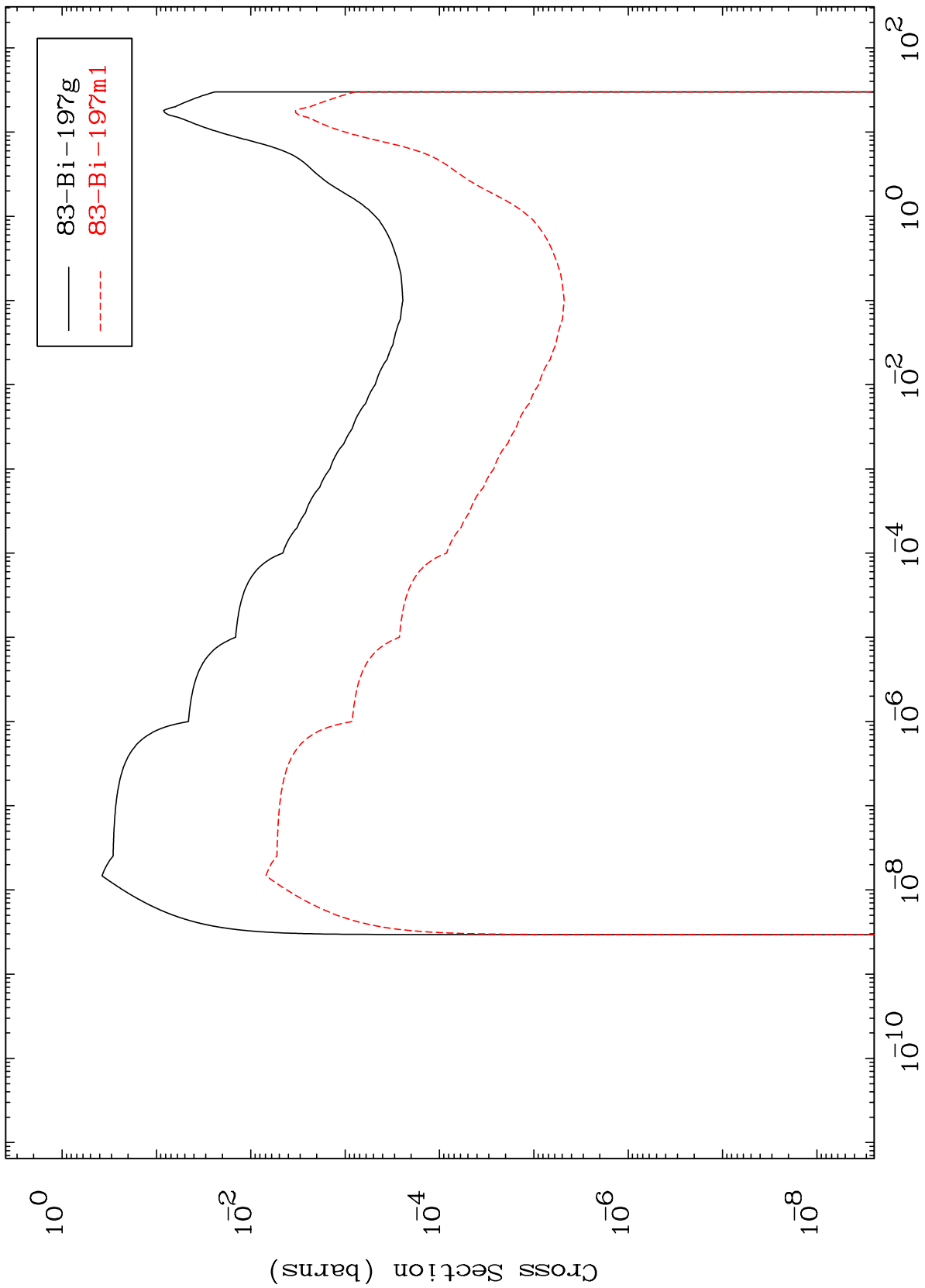
Radionuclide Production Cross Section



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85-At-200m

(n, α)
Radionuclide Production Cross Section



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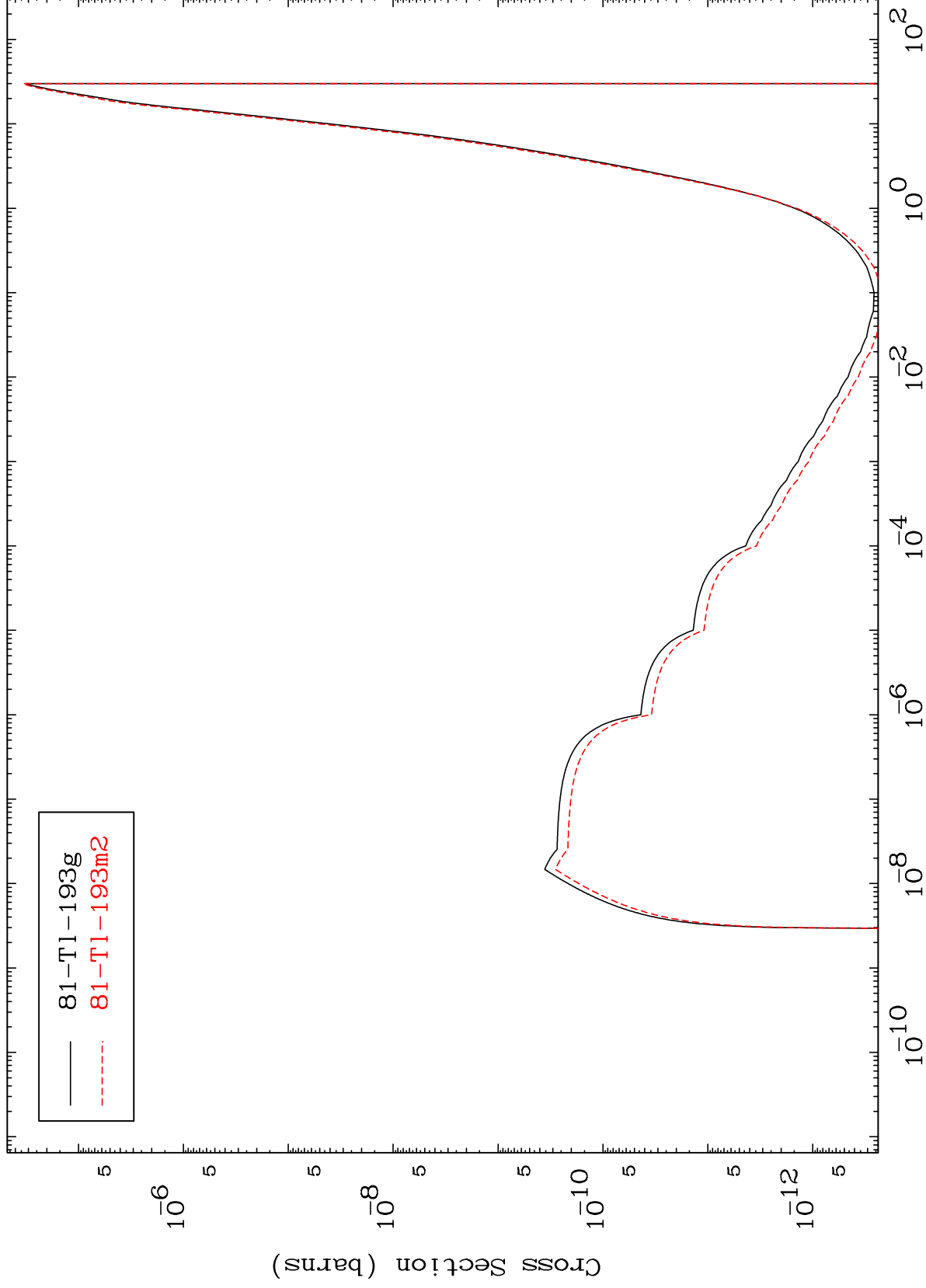
85-At-200m

Incident Energy (MeV)

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85-At-200m

(n,2α)
Radionuclide Production Cross Section



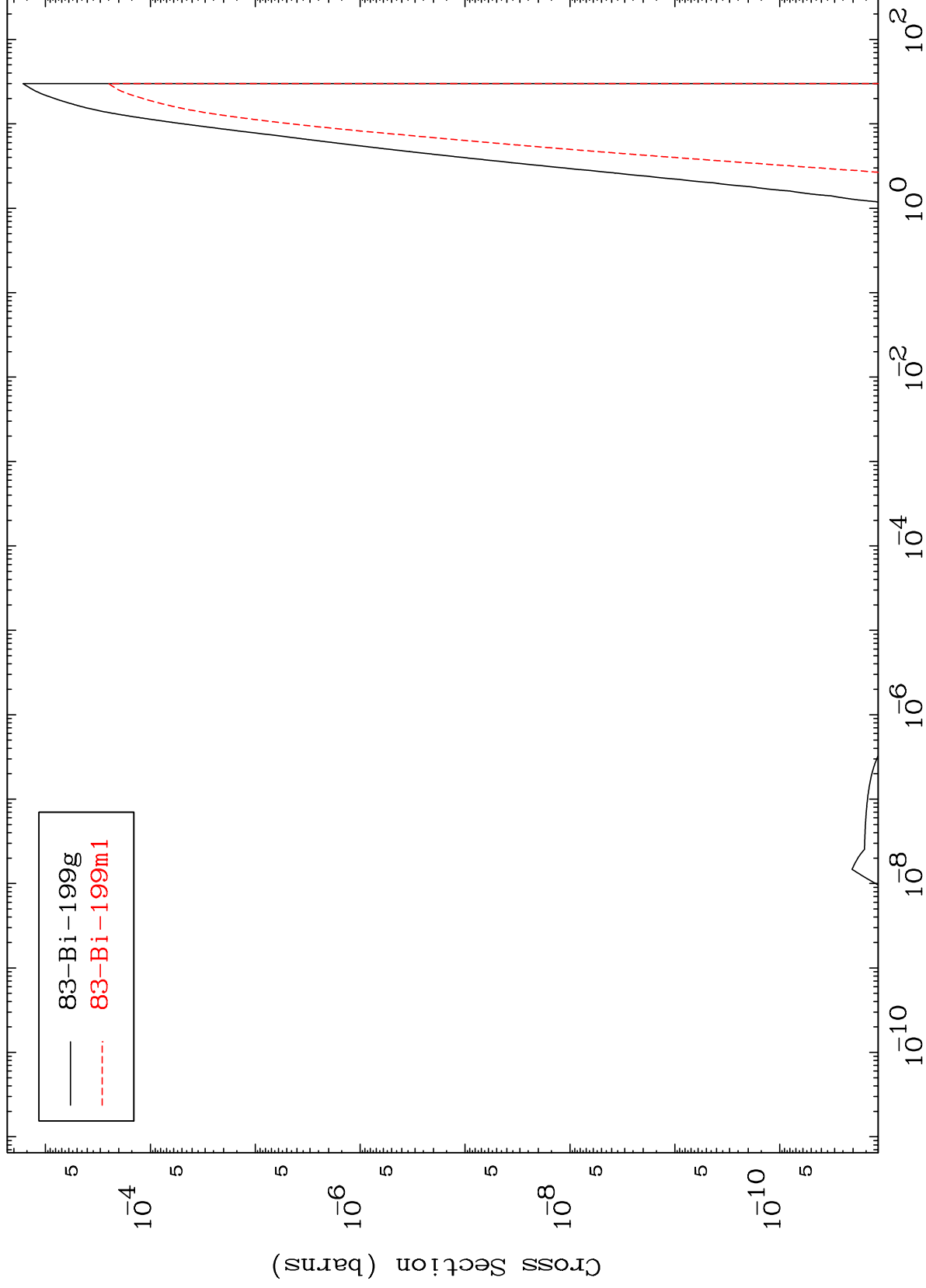
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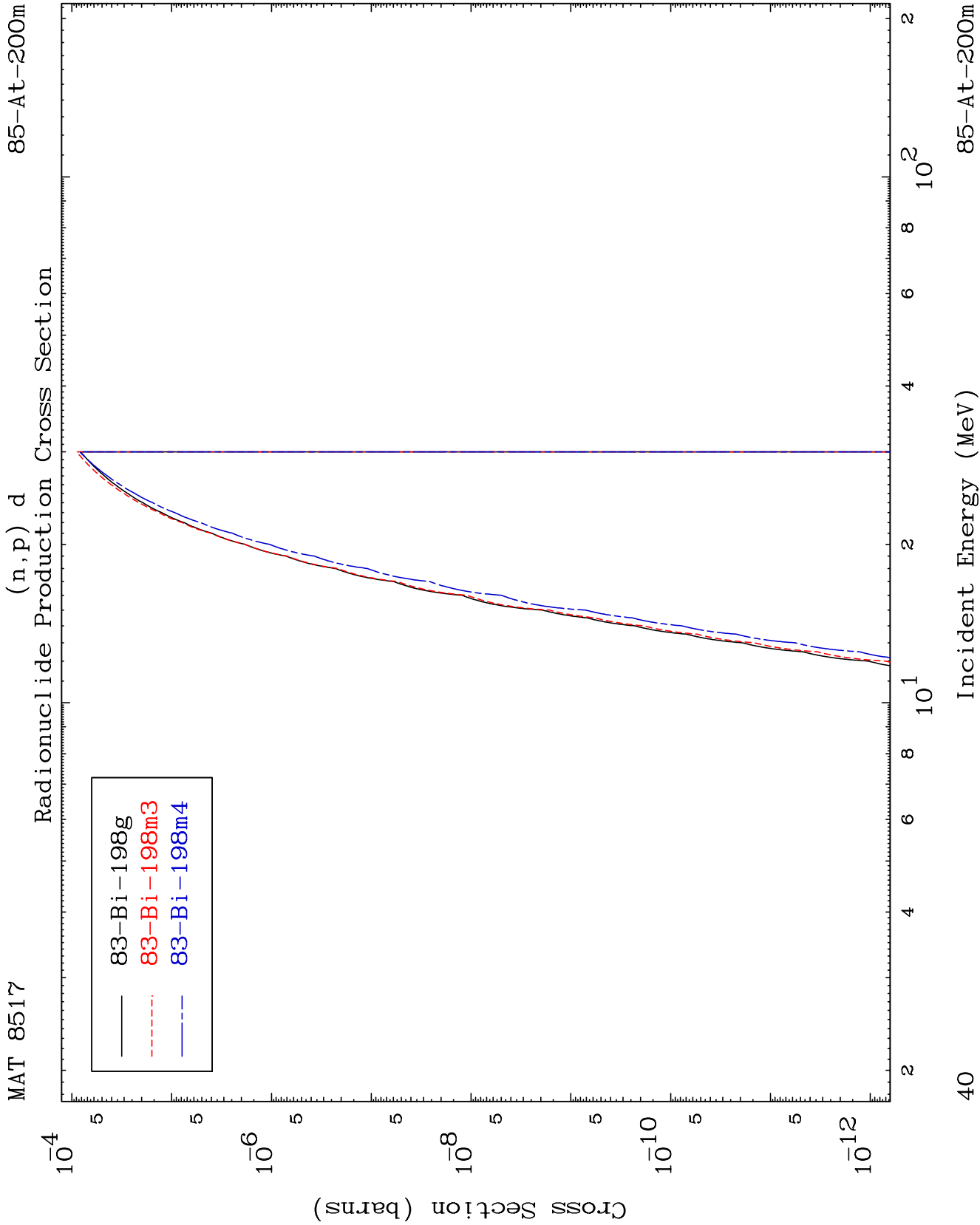
85-At-200m

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85-At-200m

(n,2p)
Radionuclide Production Cross Section



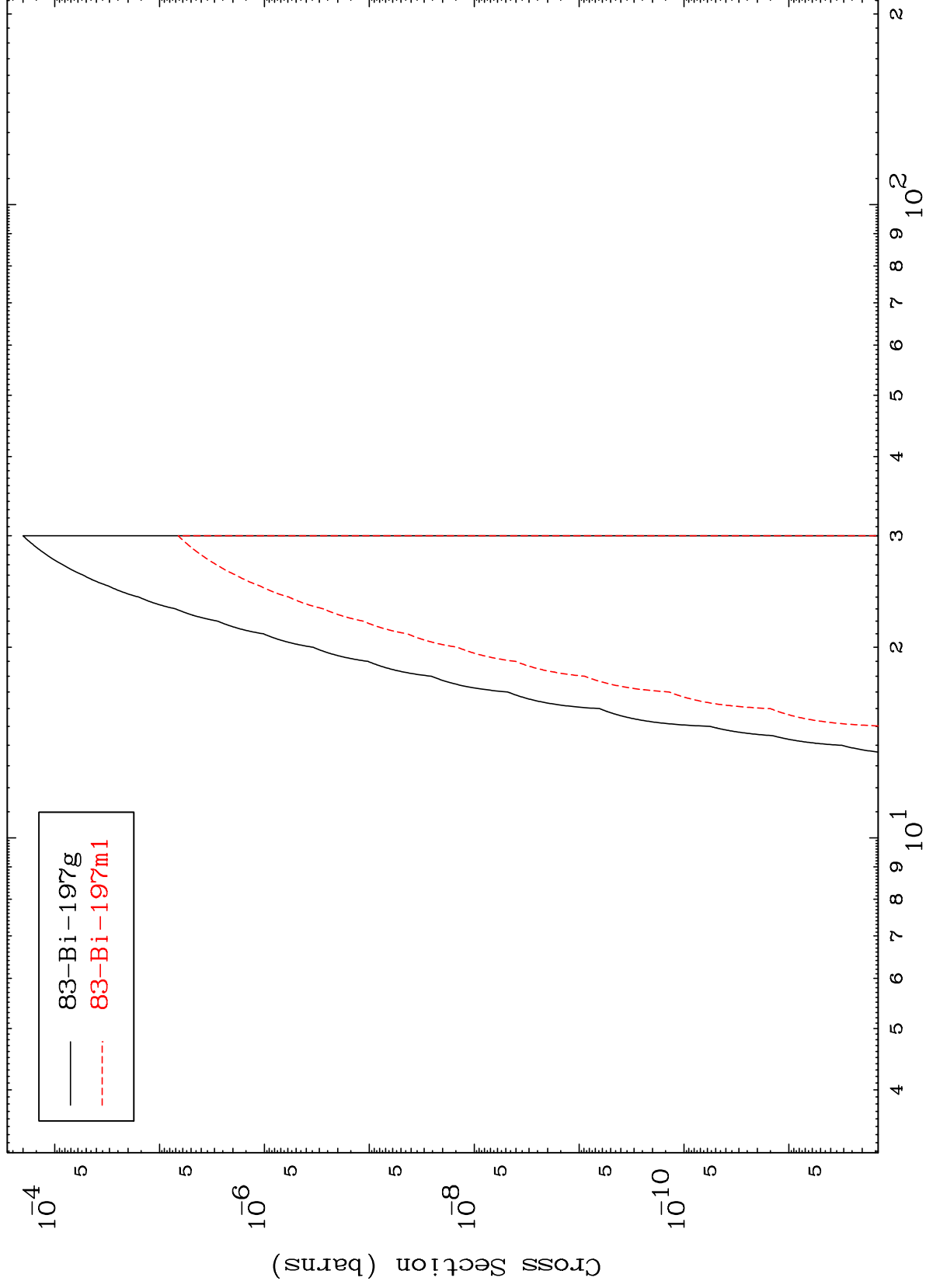


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(n,p) t

85-At-200m

Radionuclide Production Cross Section



41

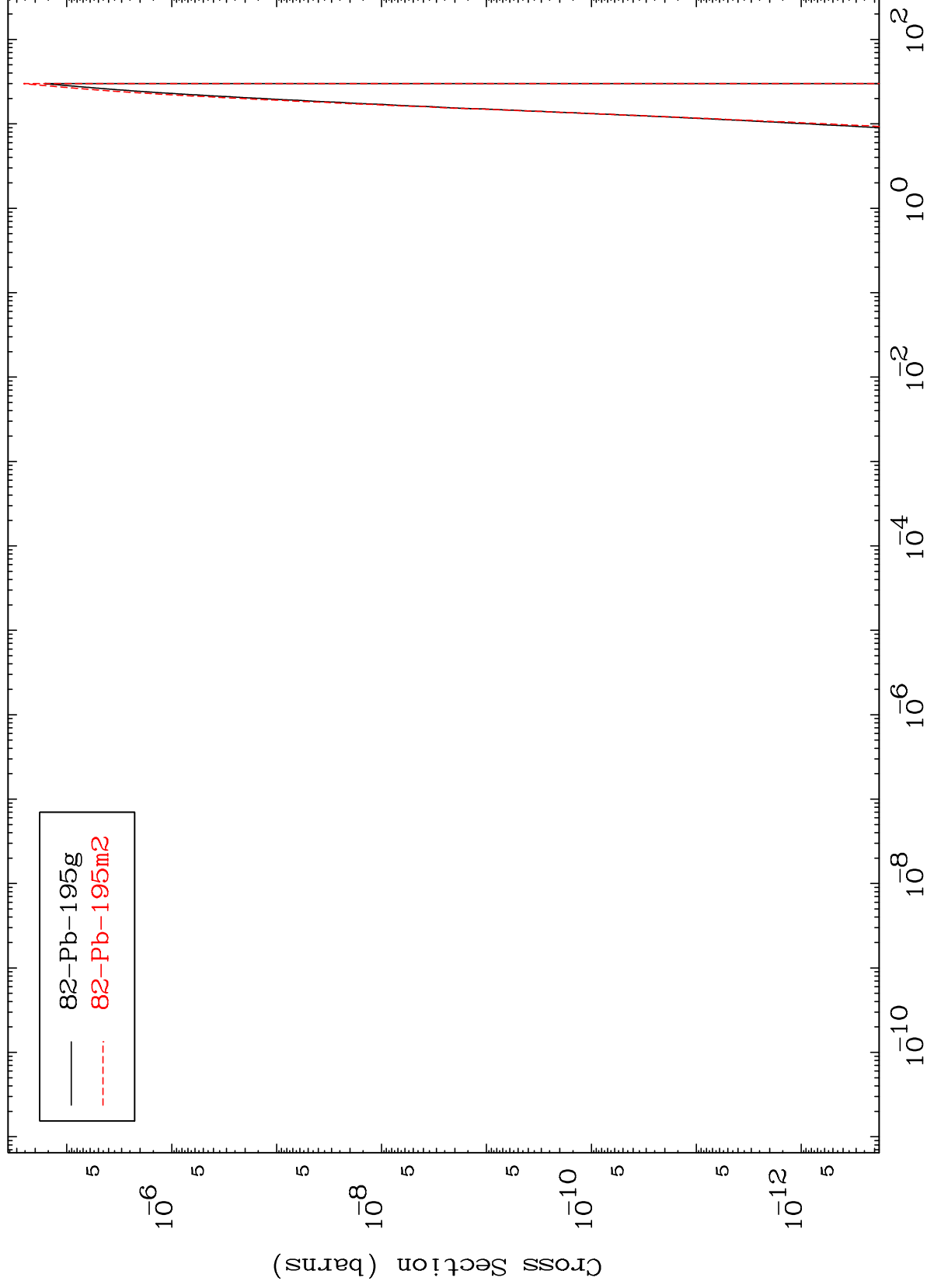
Incident Energy (MeV)

85-At-200m

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85-At-200m

(n,d) α
Radionuclide Production Cross Section



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Incident Energy (MeV)

85-At-200m