

Program EVALPLOT
(Version 2021-1)

by

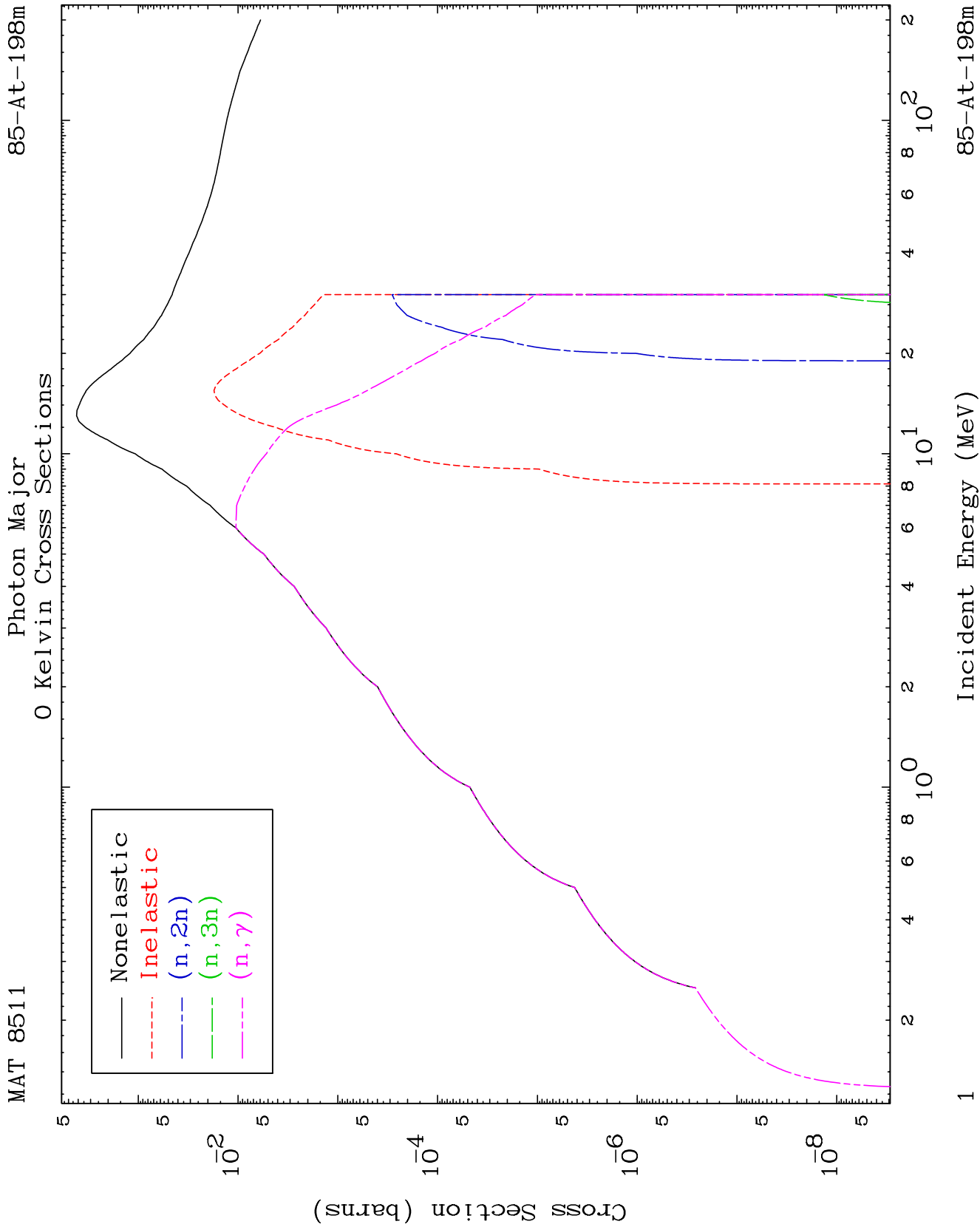
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

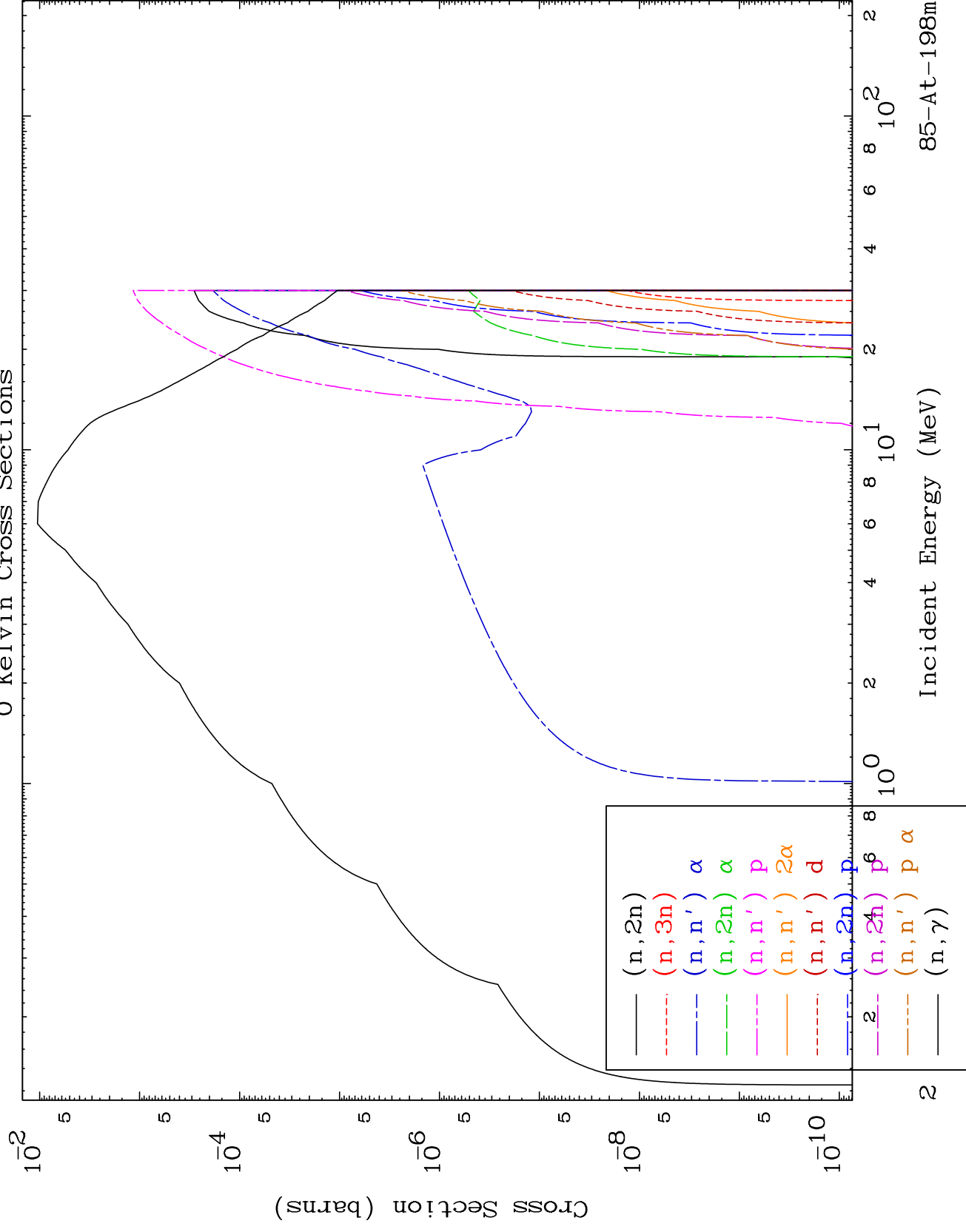
Press Mouse Button to Start

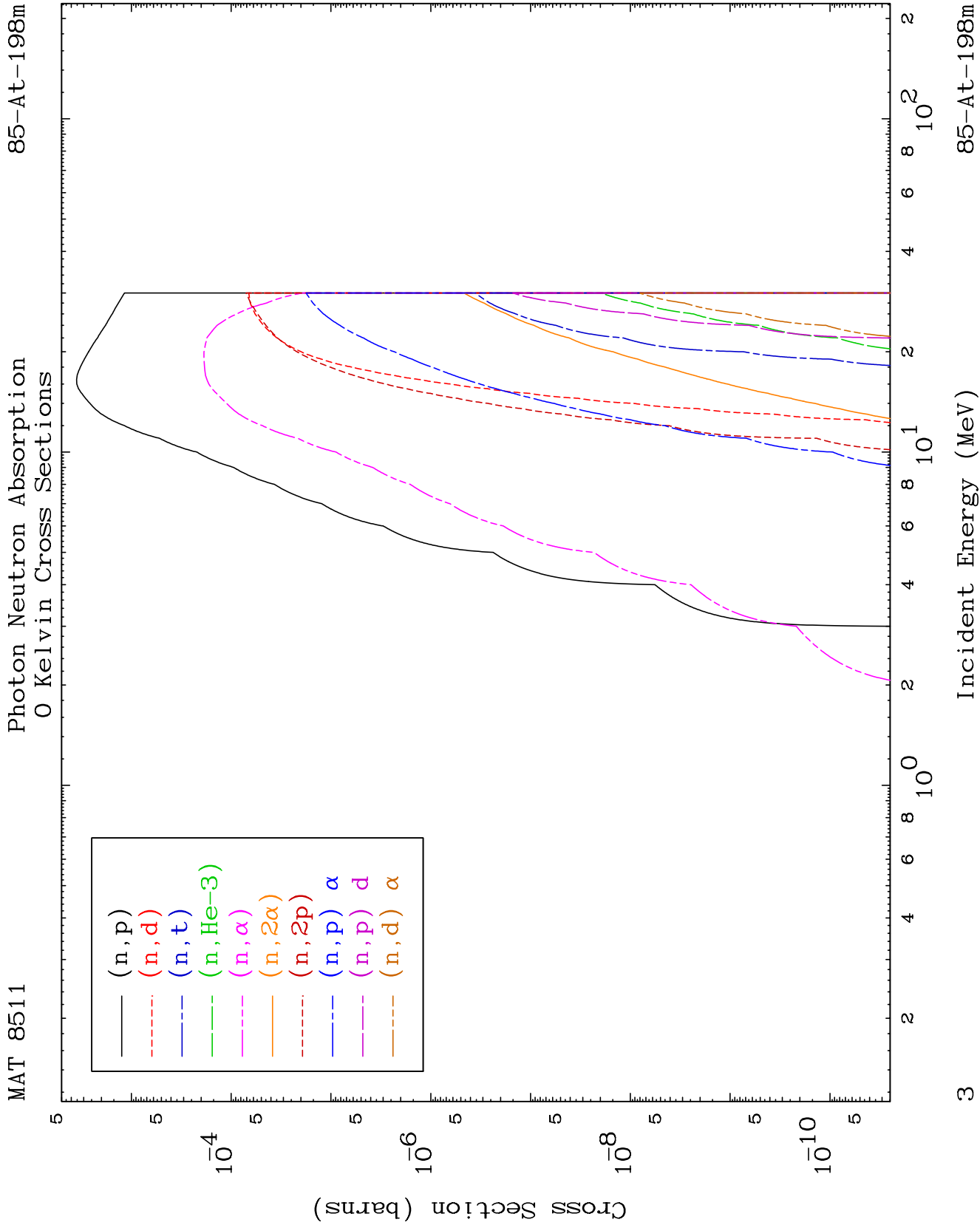


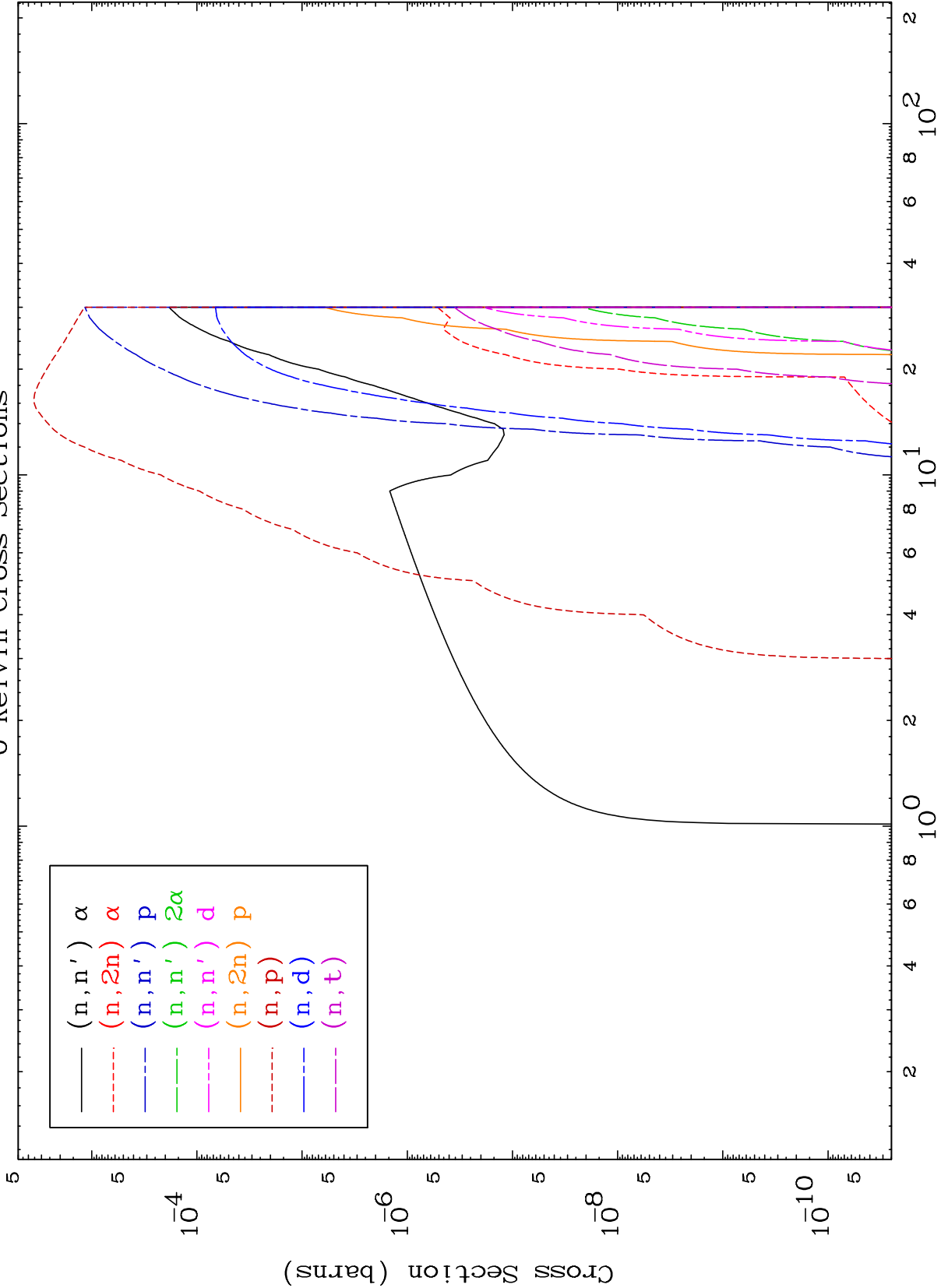
MAT 8511

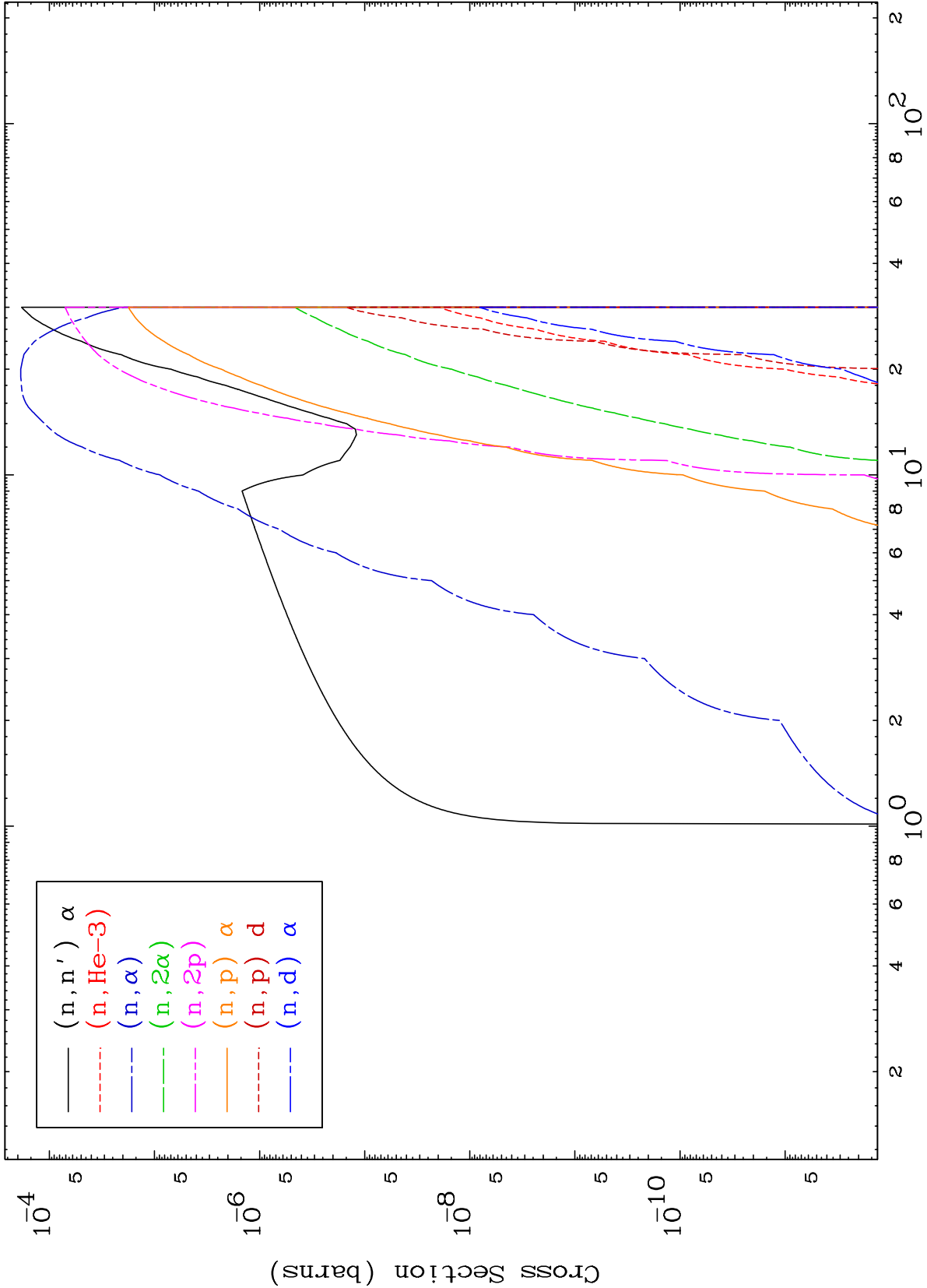
Photon Neutron Absorption 0 Kelvin Cross Sections

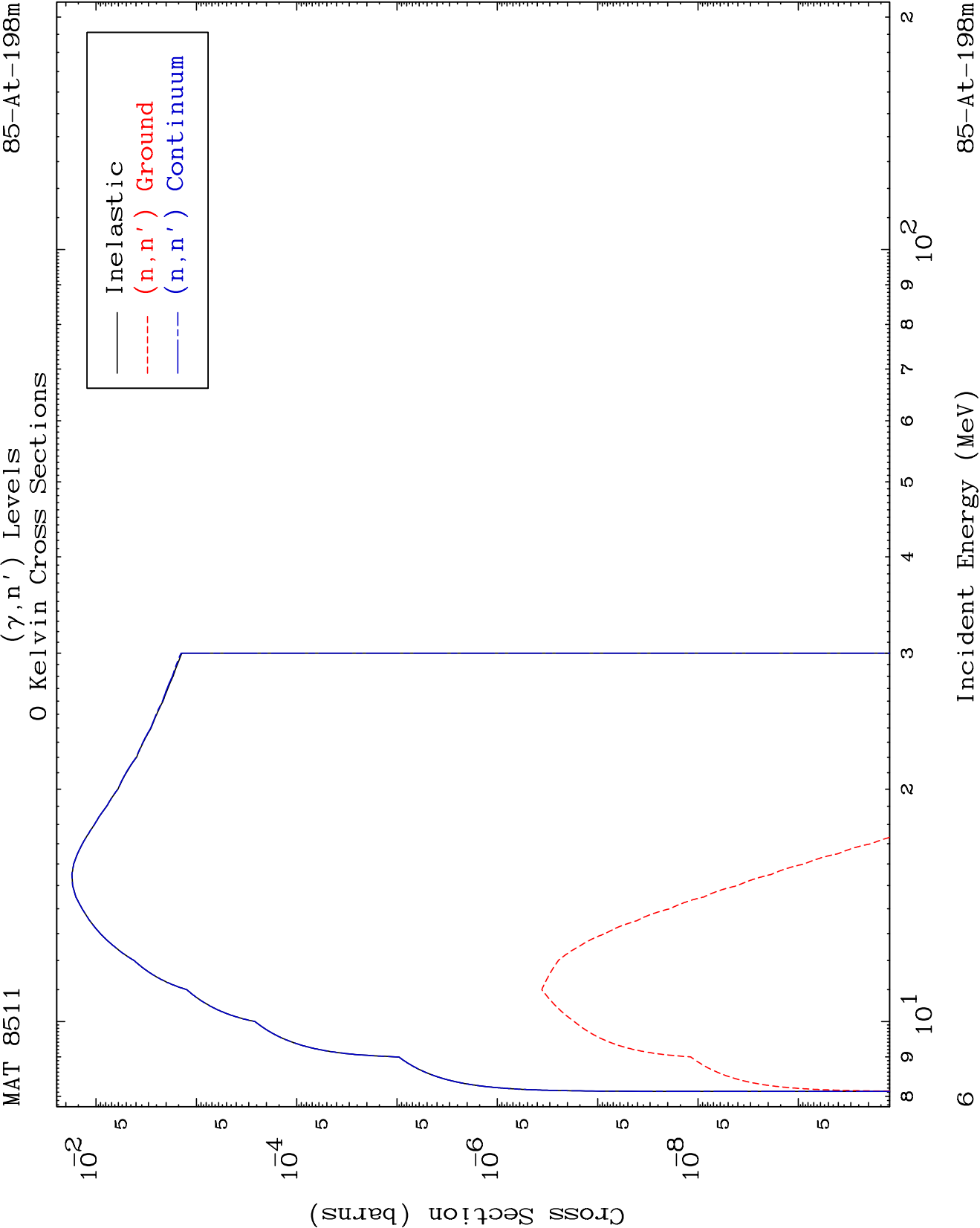
85-At-198m

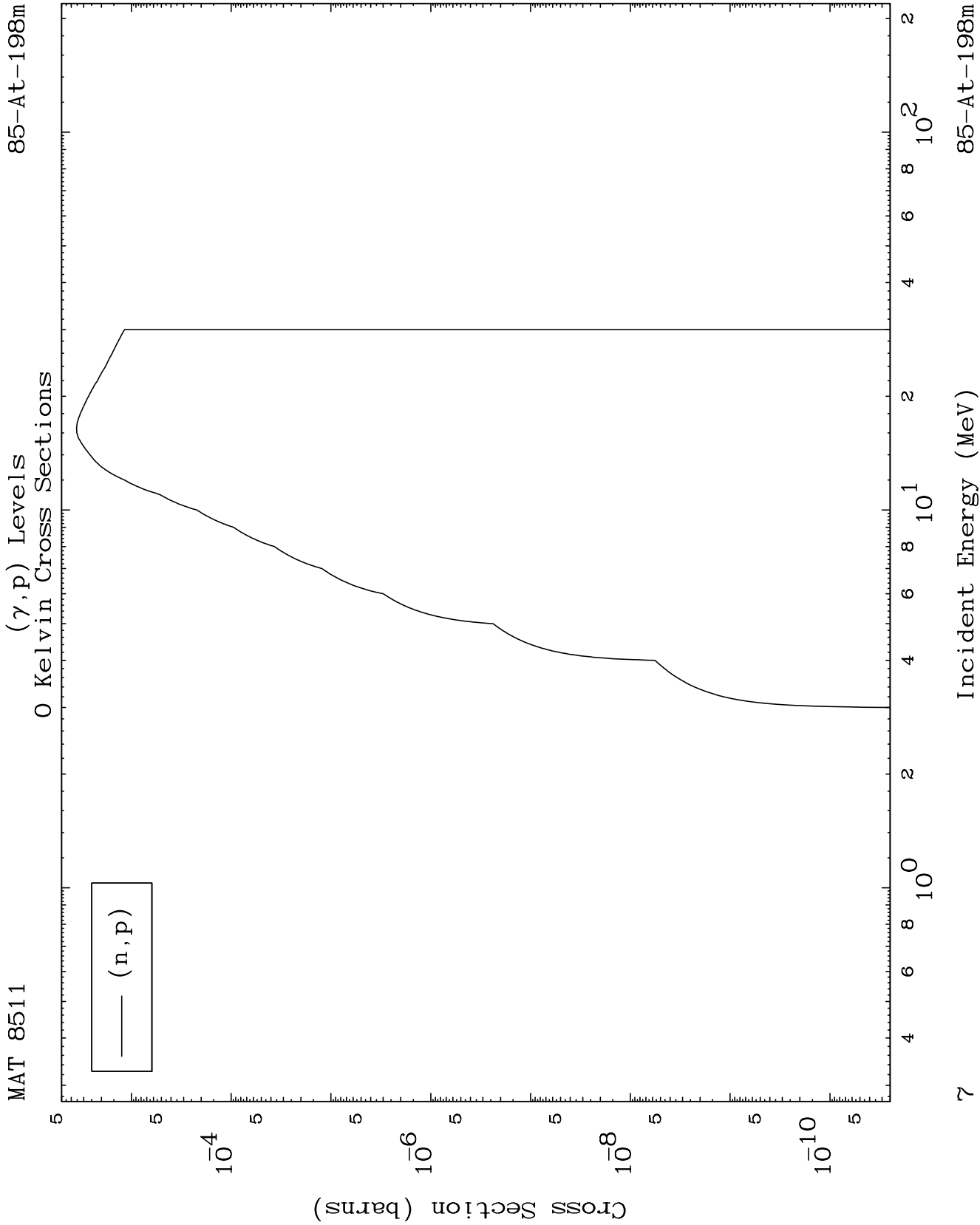








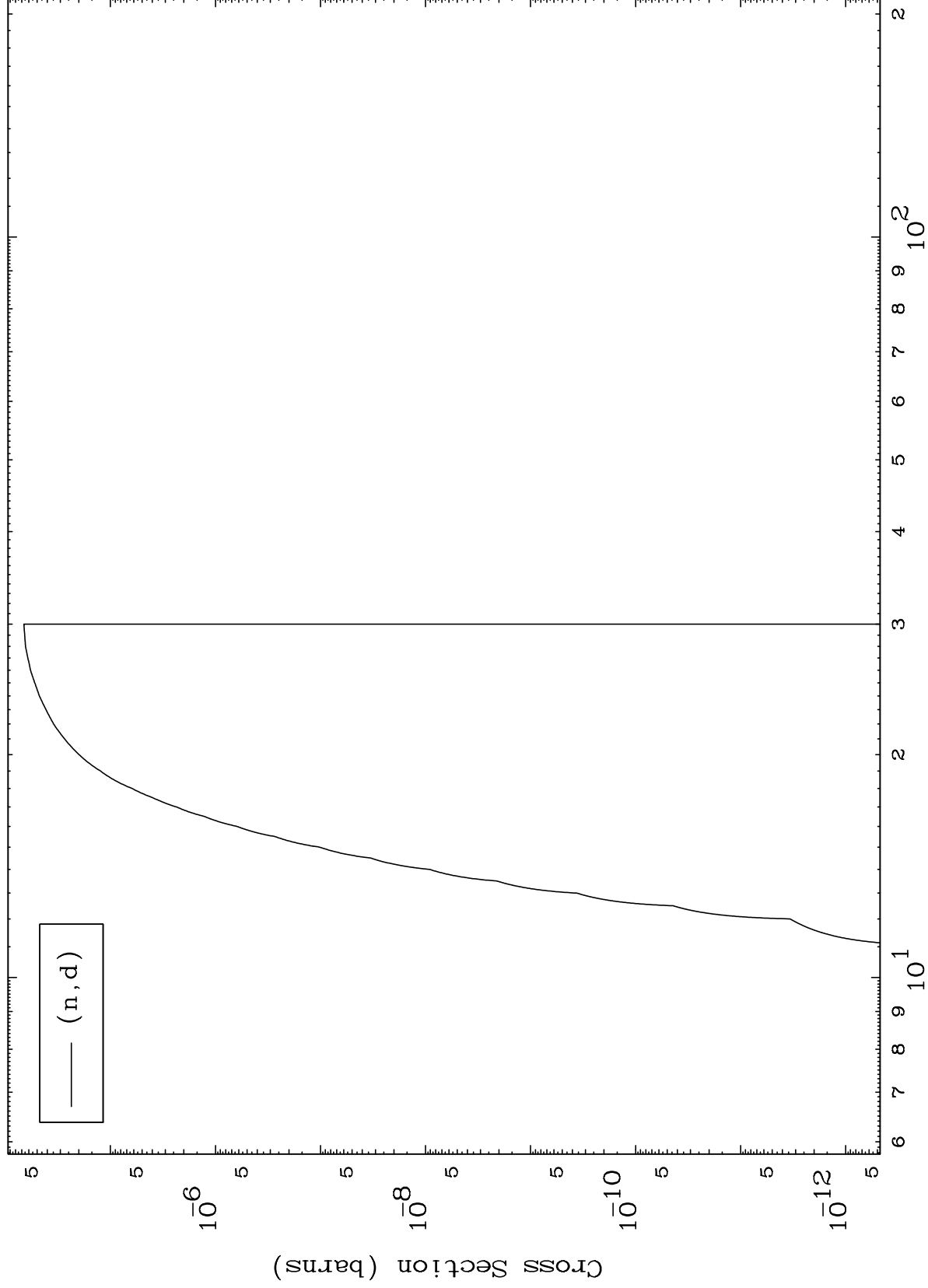




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85-At-198m

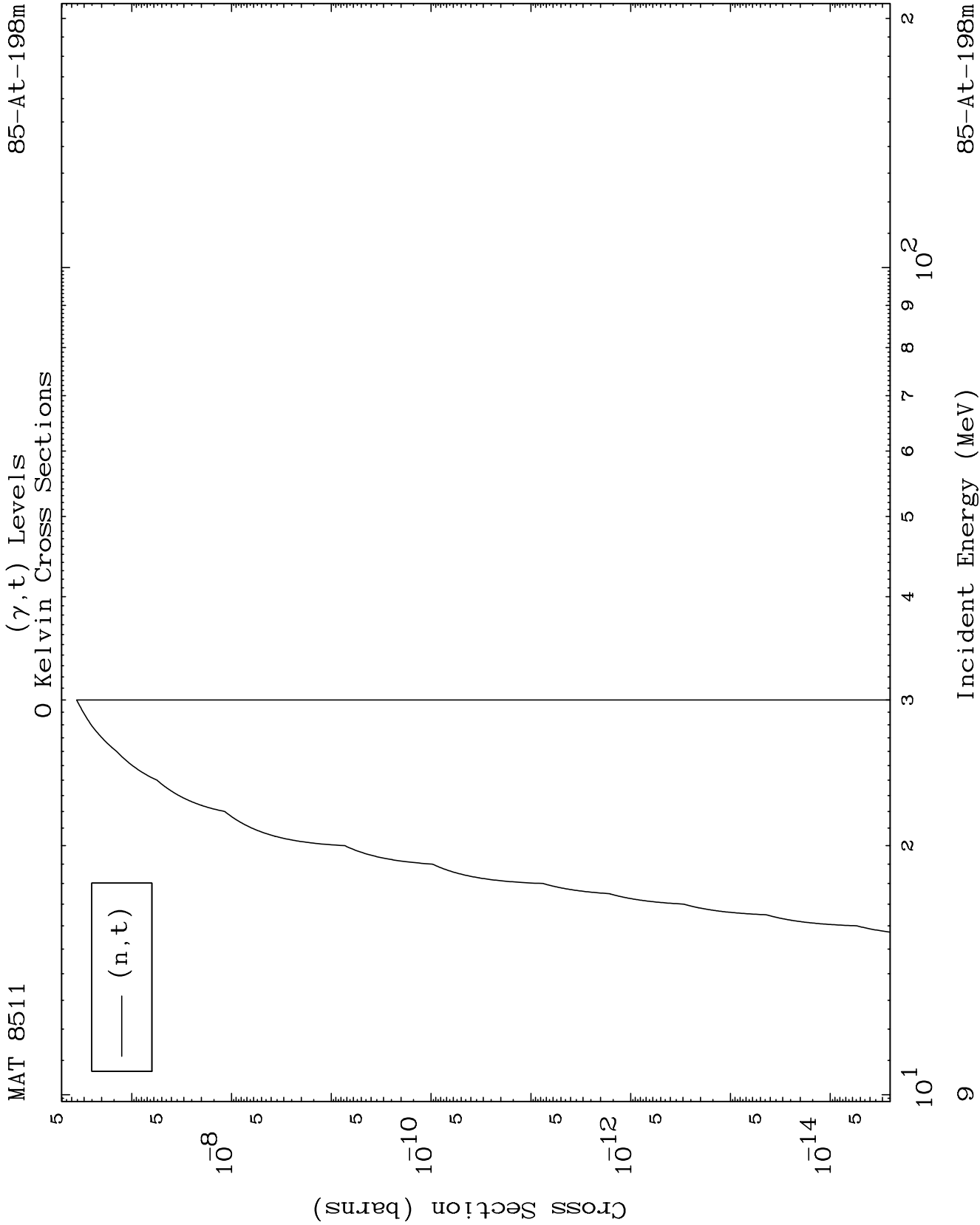
(γ, d) Levels
0 Kelvin Cross Sections



85-At-198m

Incident Energy (MeV)

8

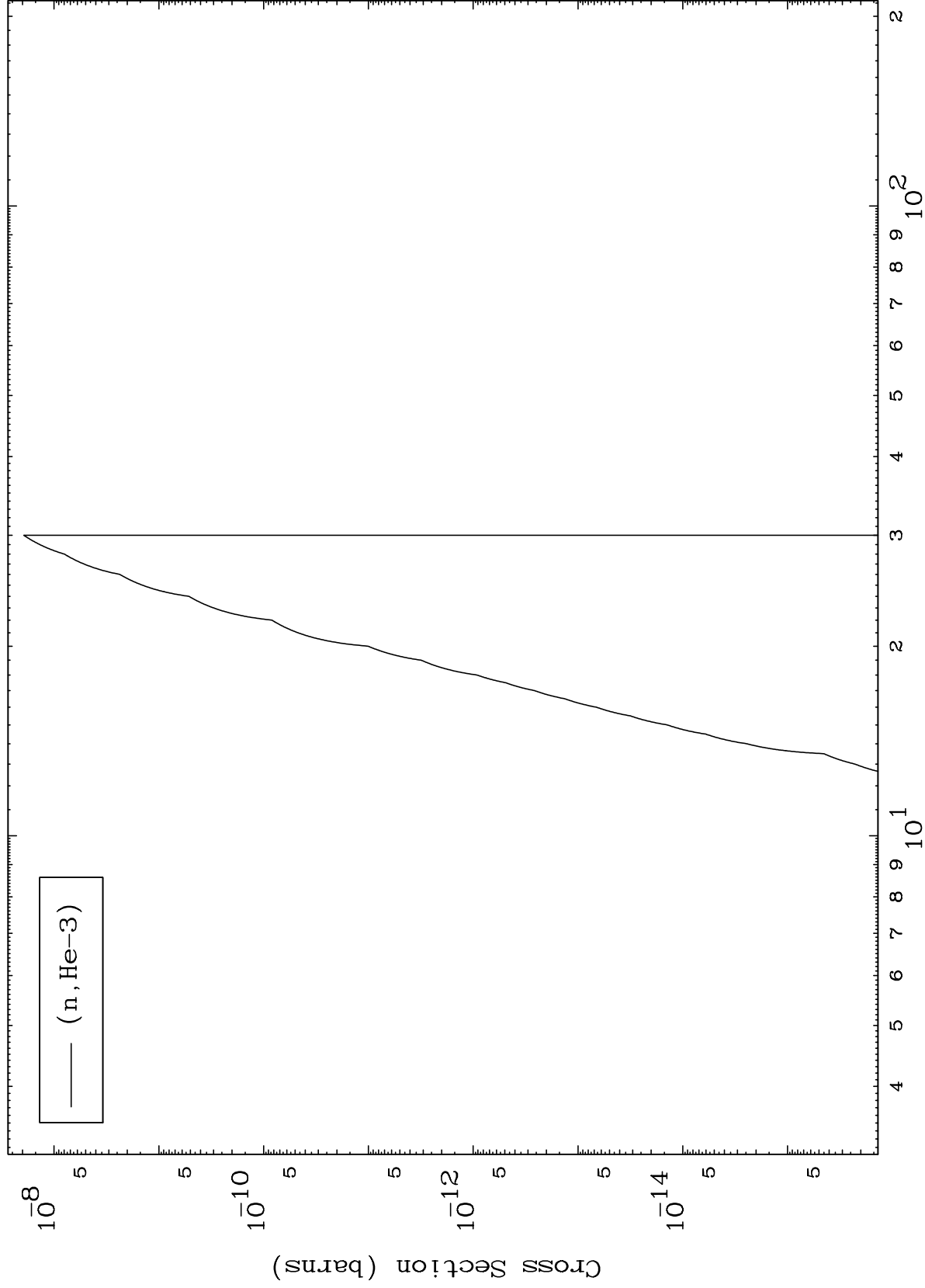


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(γ ,He3) Levels

85-At-198m

0 Kelvin Cross Sections

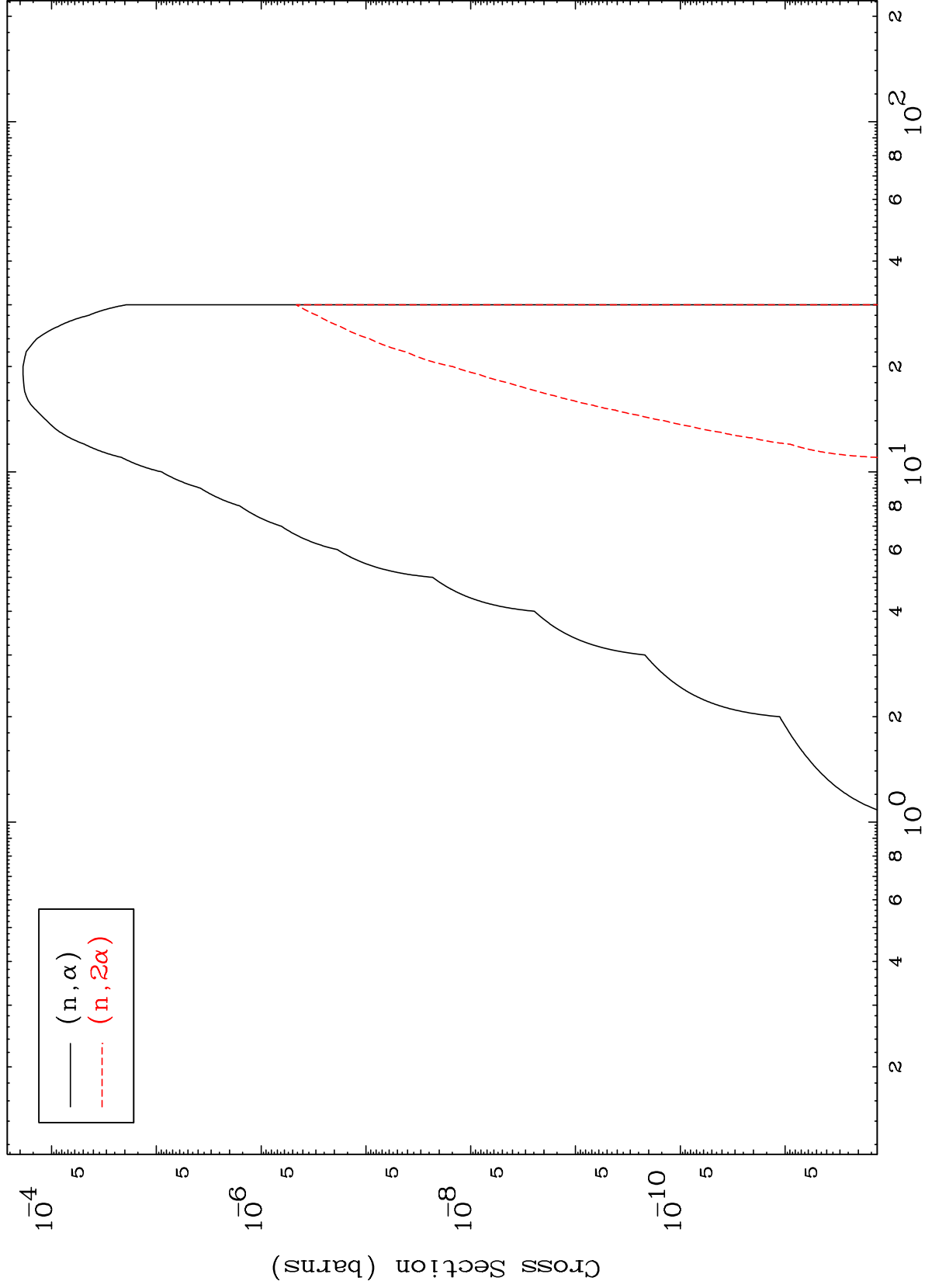


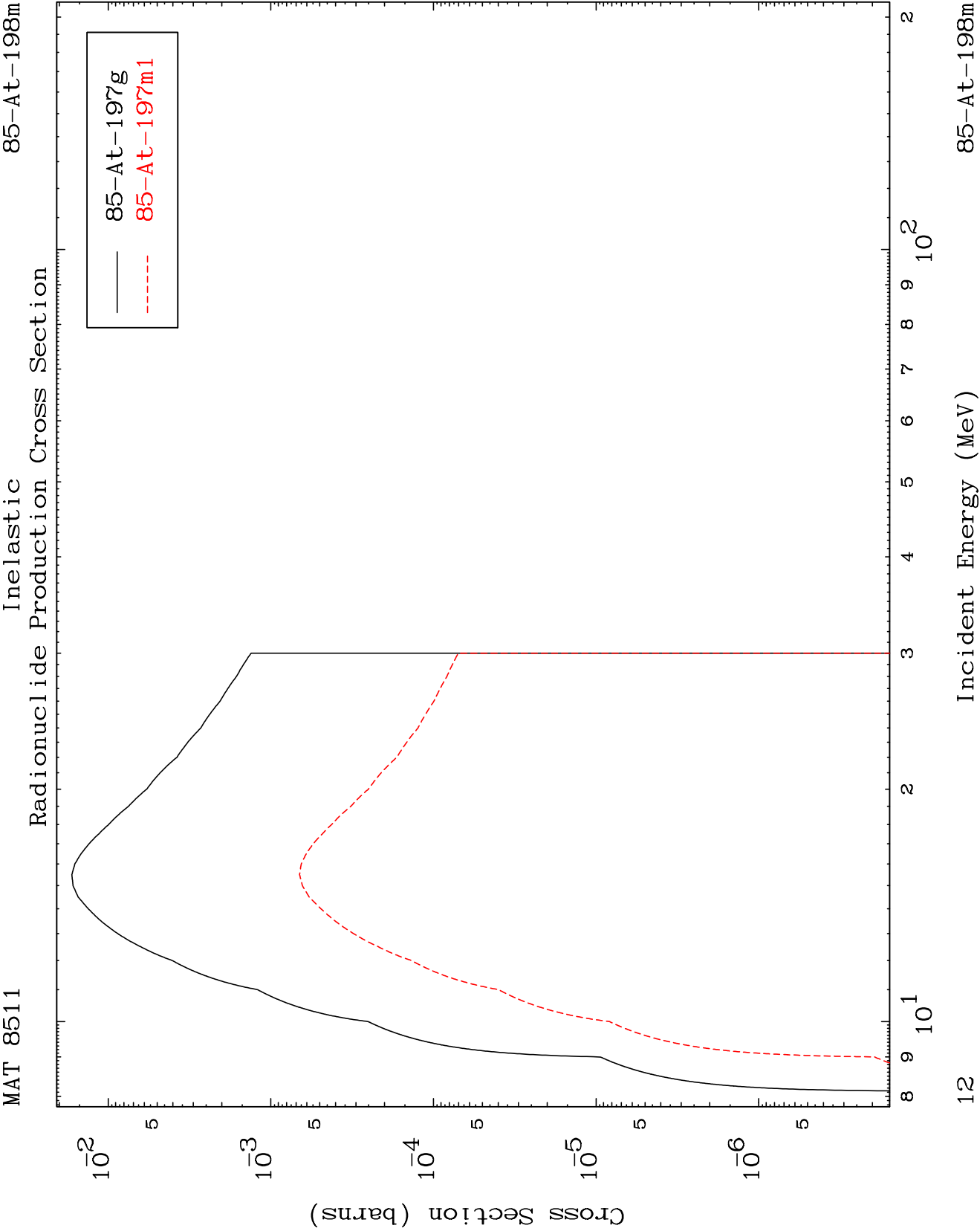
10

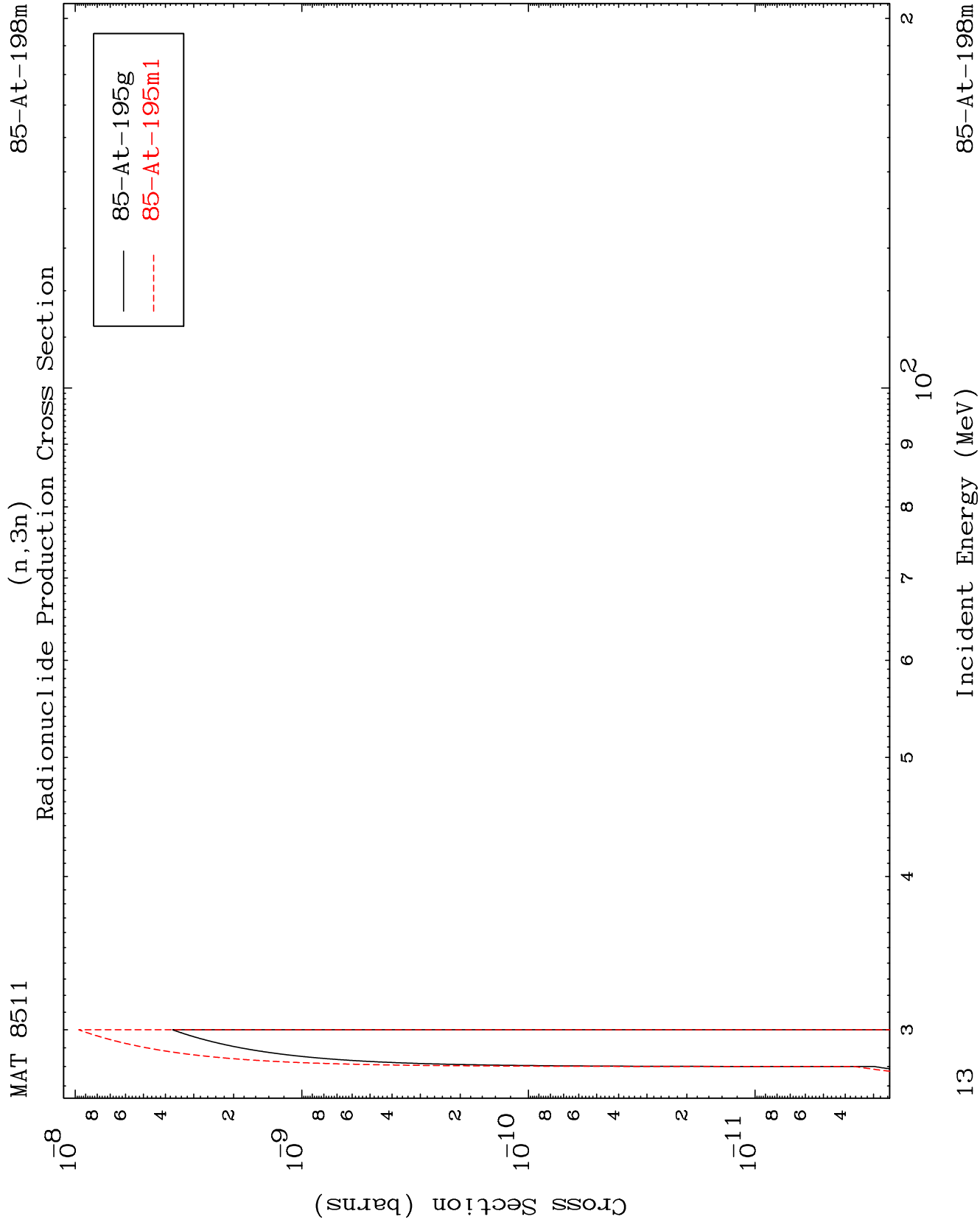
Incident Energy (MeV)

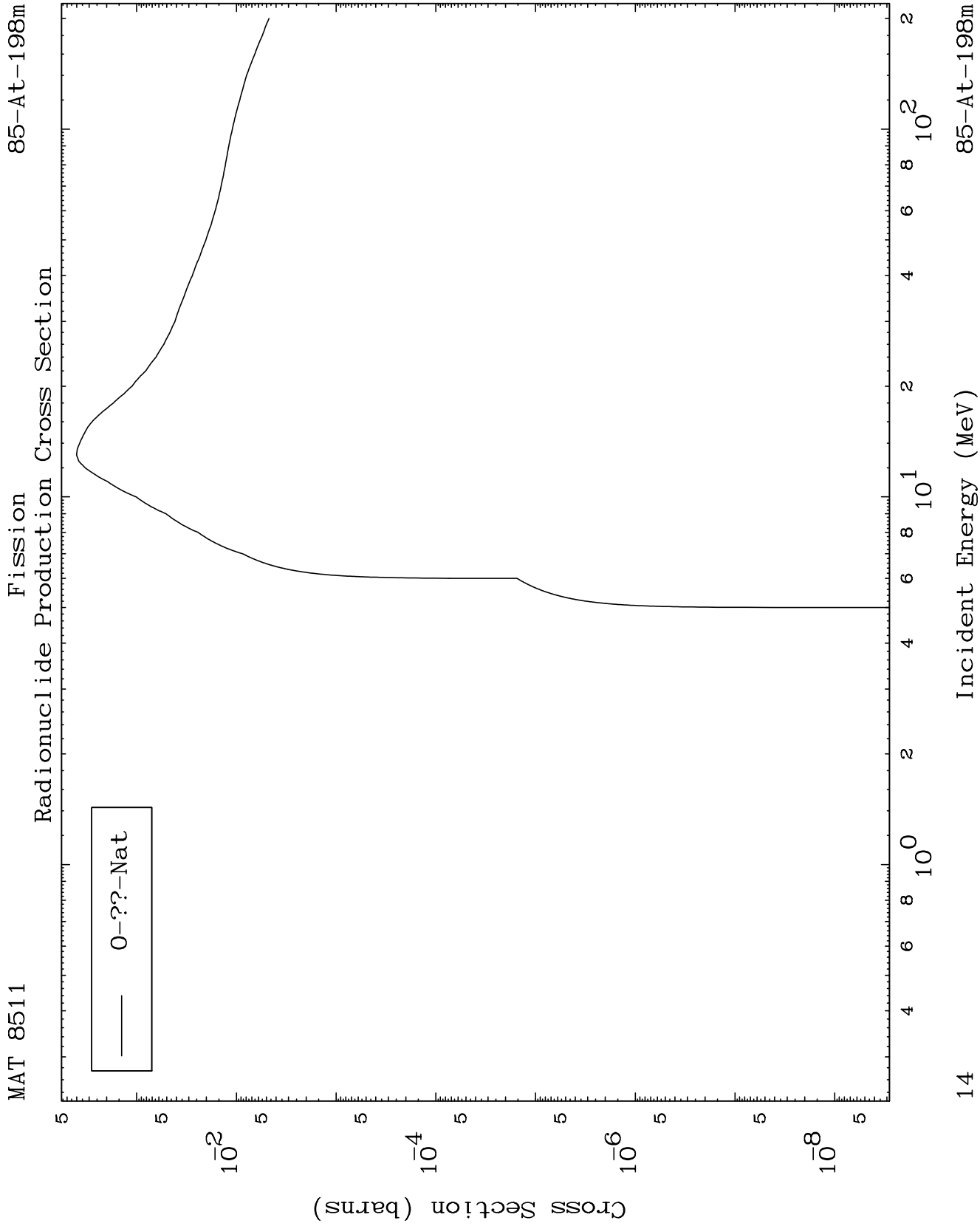
85-At-198m

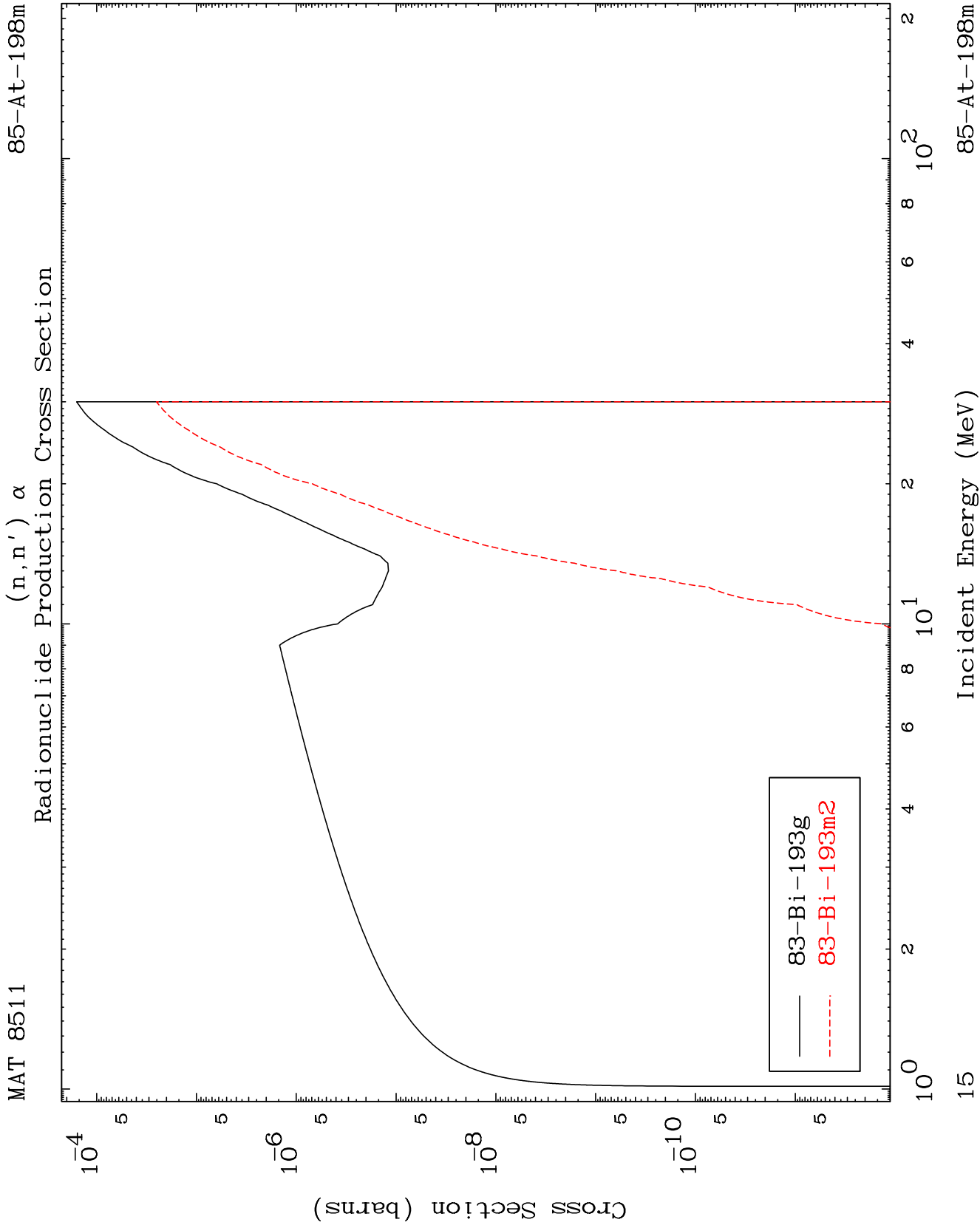
(γ, α) Levels
0 Kelvin Cross Sections







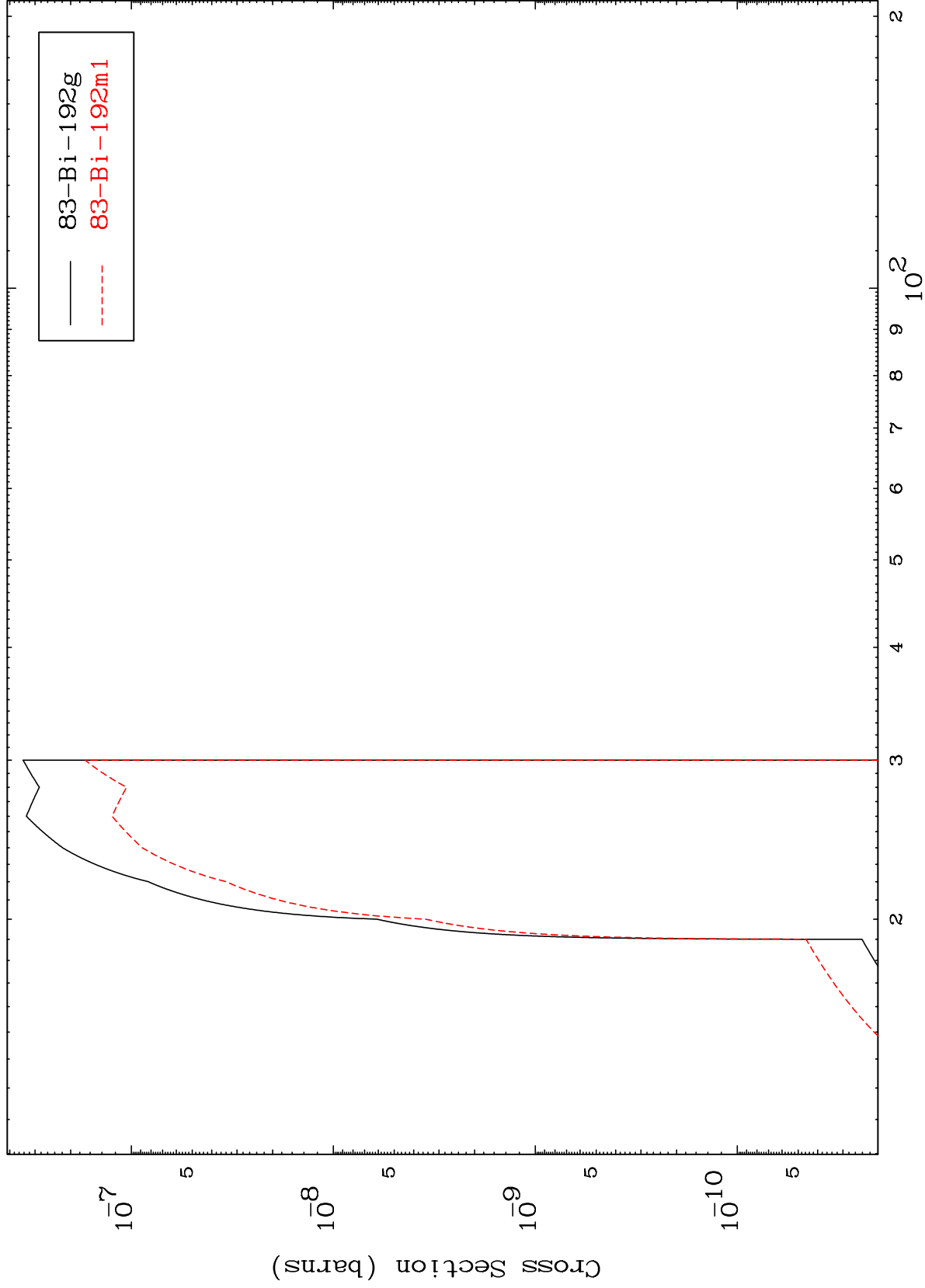




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85-At-198m

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



16

Incident Energy (MeV)

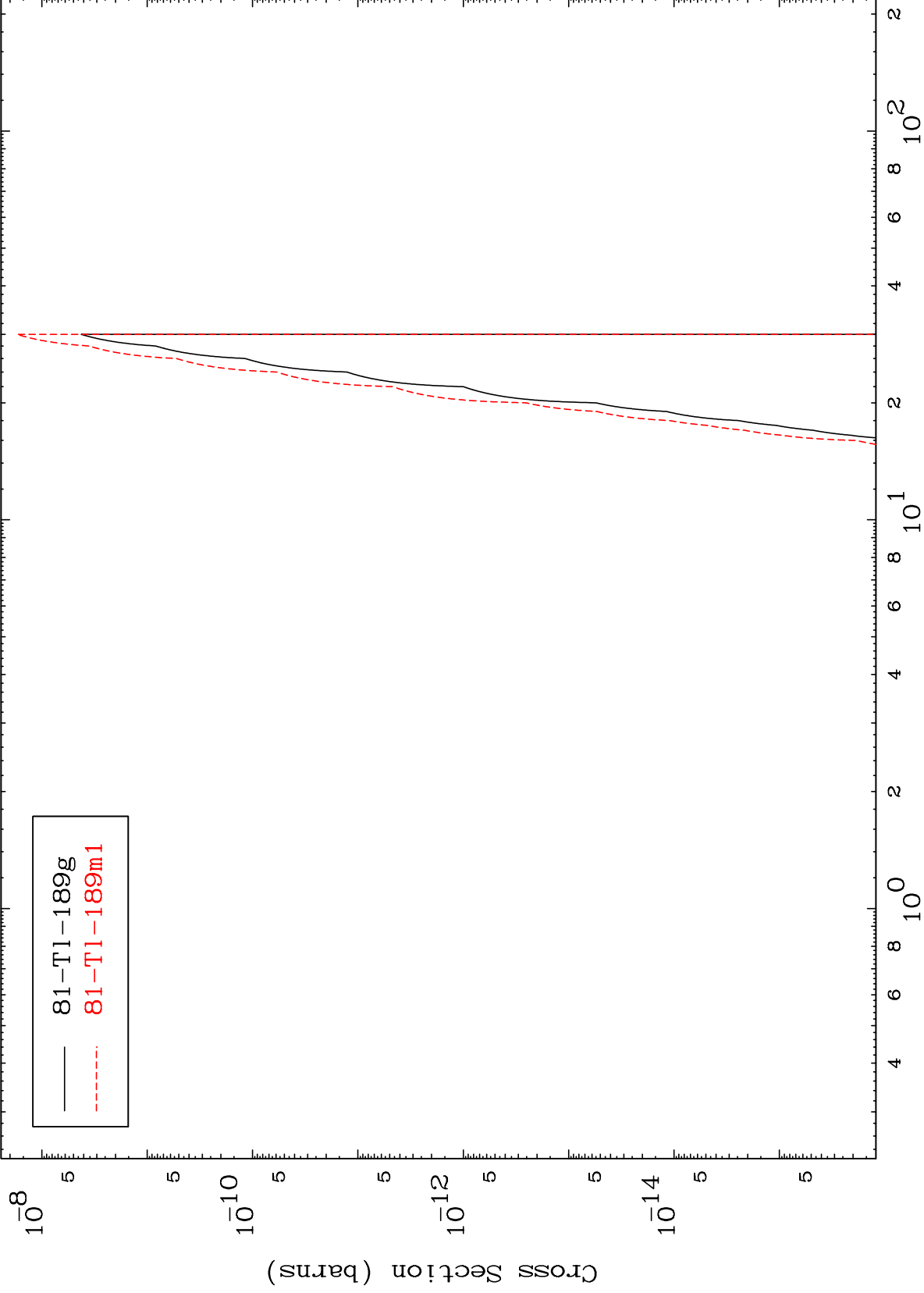
85-At-198m

MAT 8511

(n,n') 2 α

85-At-198m

Radionuclide Production Cross Section

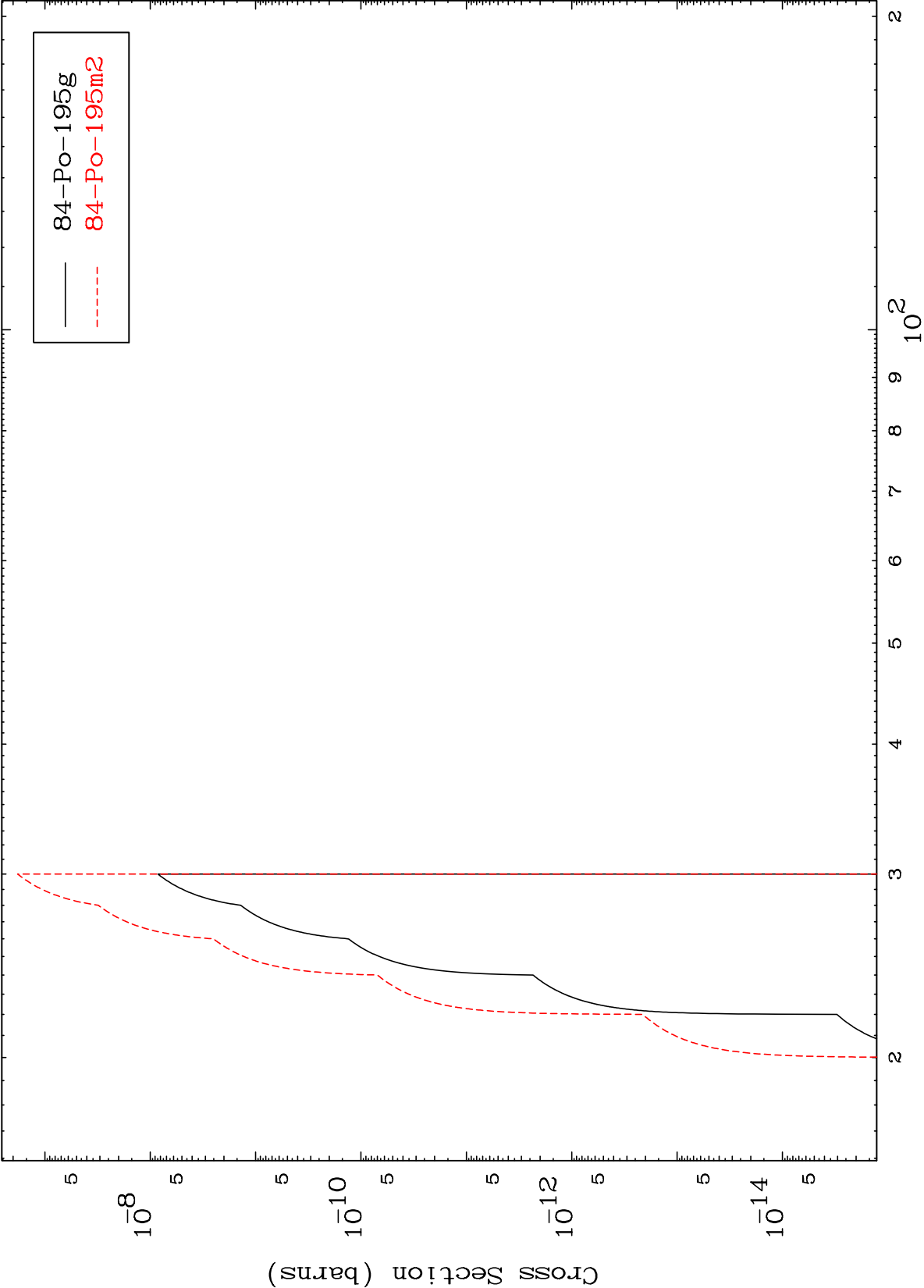


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Incident Energy (MeV)

85-At-198m

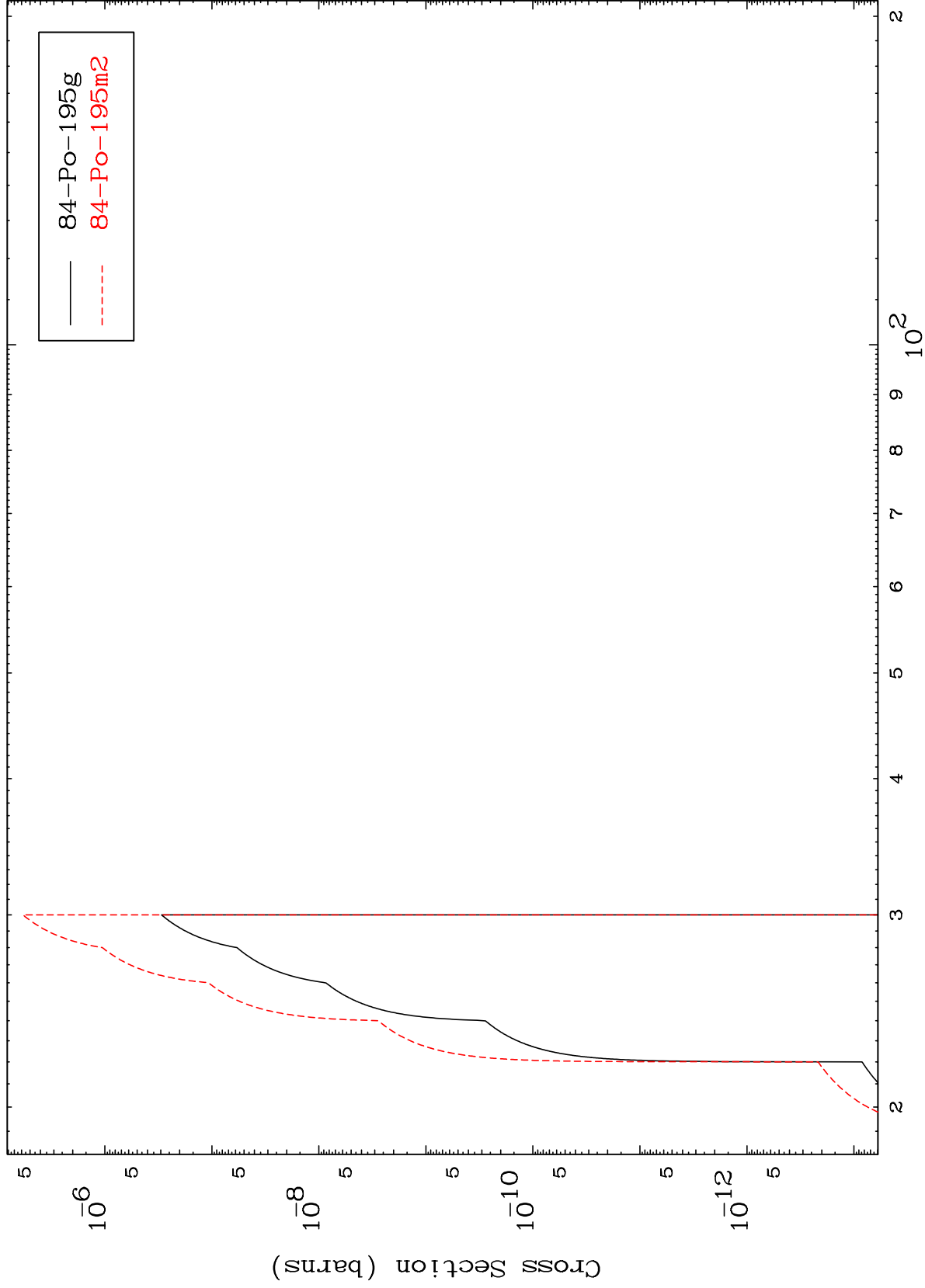
Radionuclide Production Cross Section



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85-At-198m

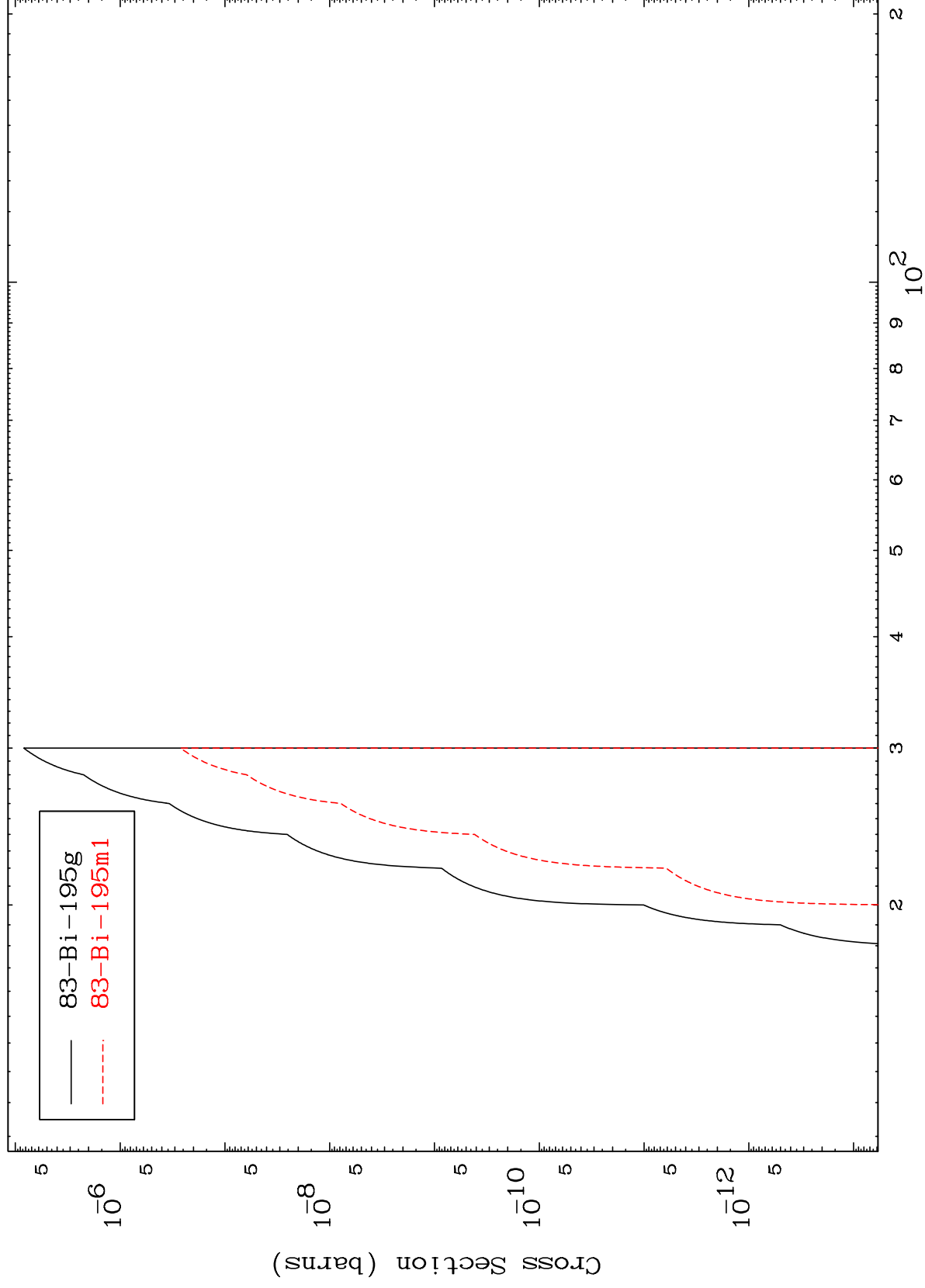
(n,2n) p
Radionuclide Production Cross Section



19

Incident Energy (MeV)

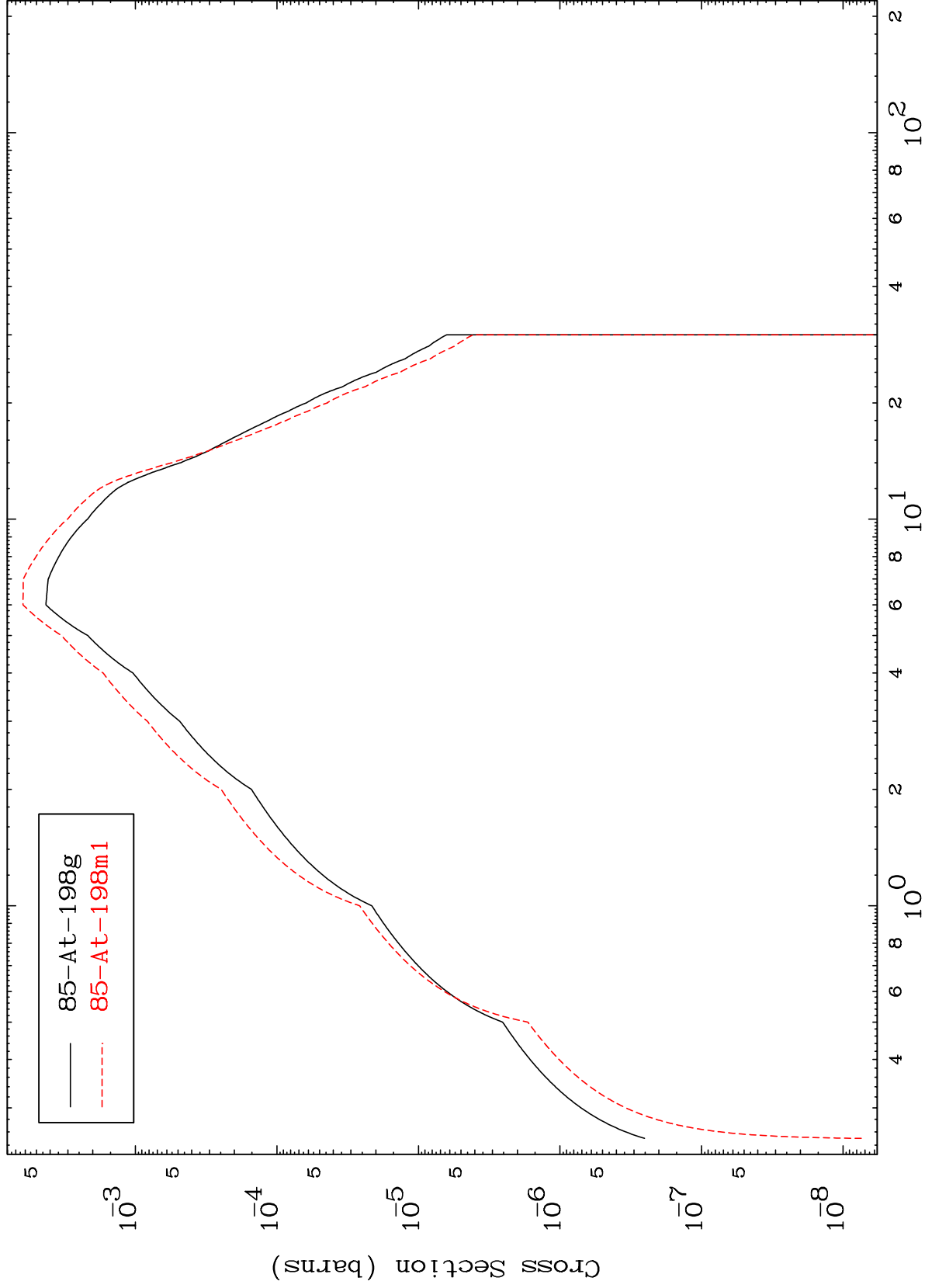
85-At-198m

(n,2n) p
Radionuclide Production Cross Section

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85-At-198m

Radionuclide Production Cross Section



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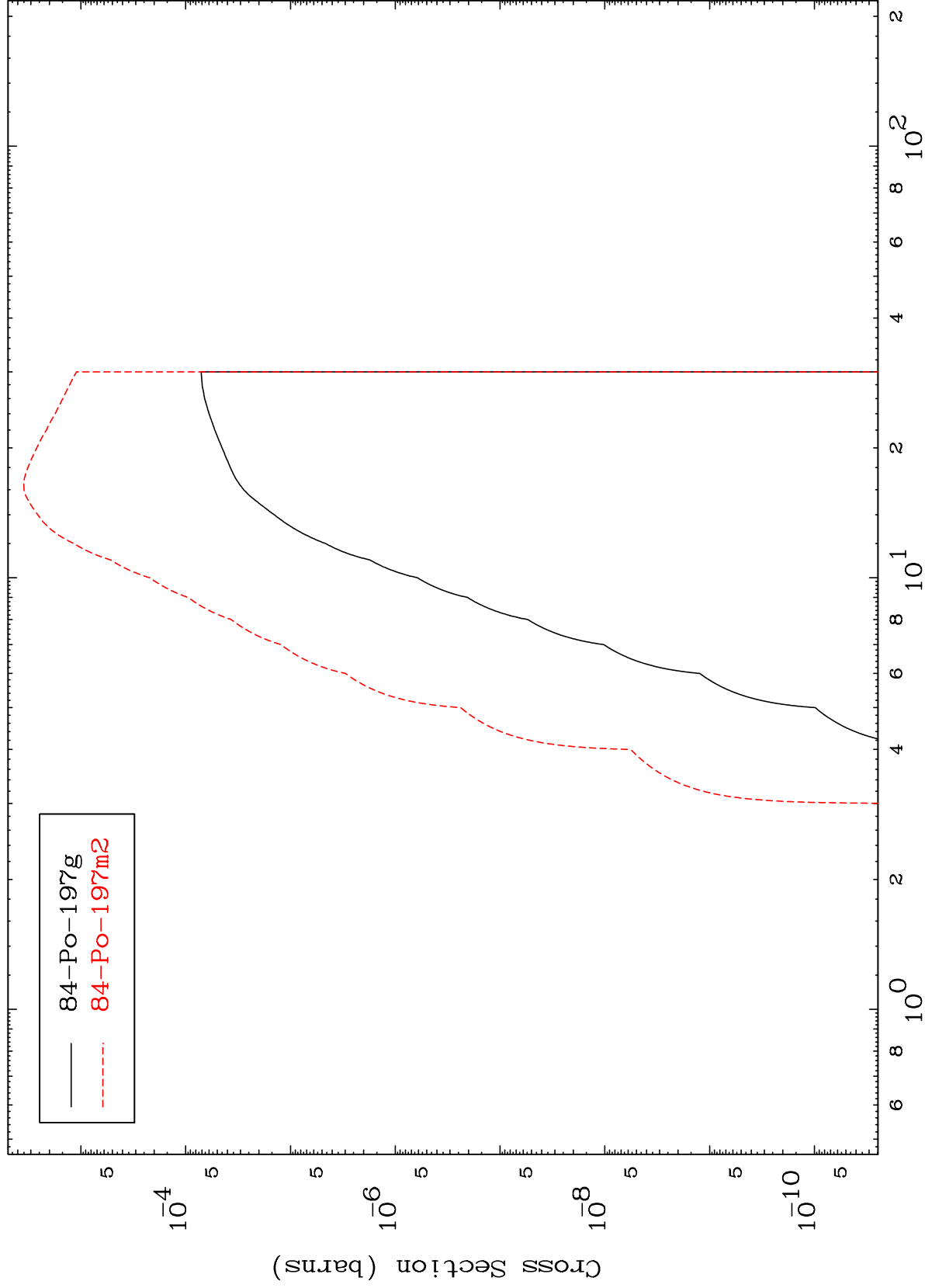
Incident Energy (MeV)

85-At-198m

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85-At-198m

Radionuclide Production Cross Section

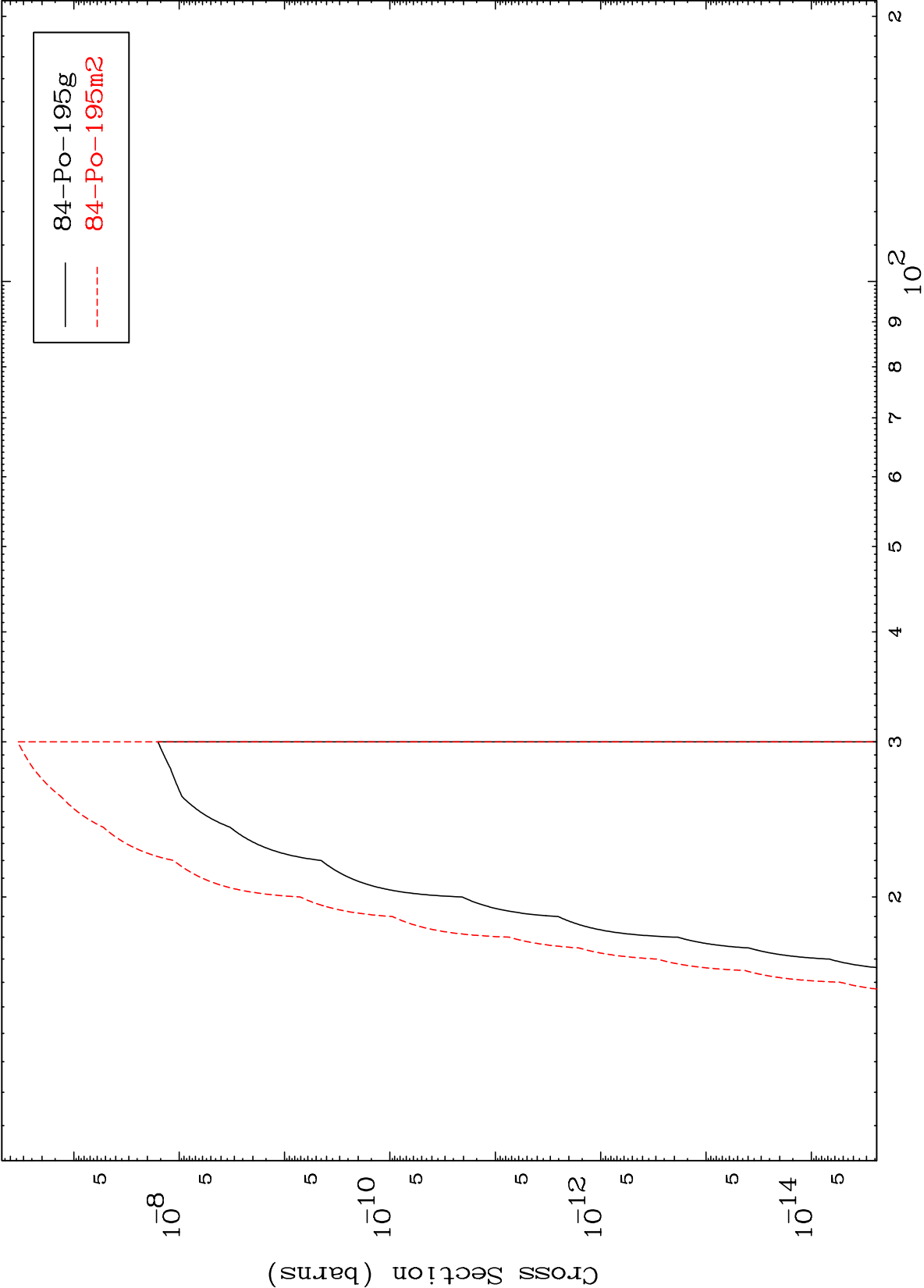


Incident Energy (MeV)

85-At-198m

22

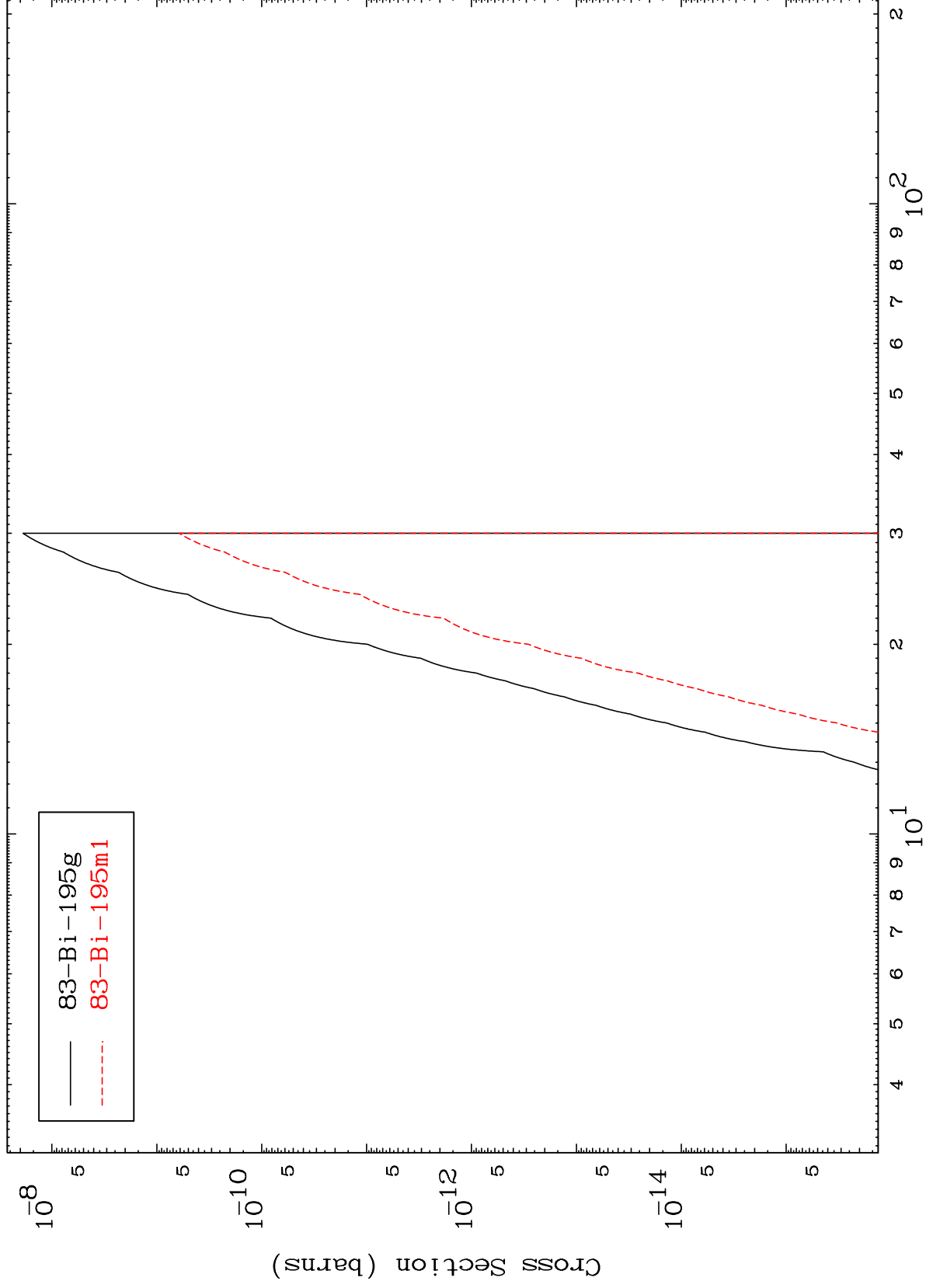
(n,t)
Radionuclide Production Cross Section



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85-At-198m

(n,He-3)
Radionuclide Production Cross Section

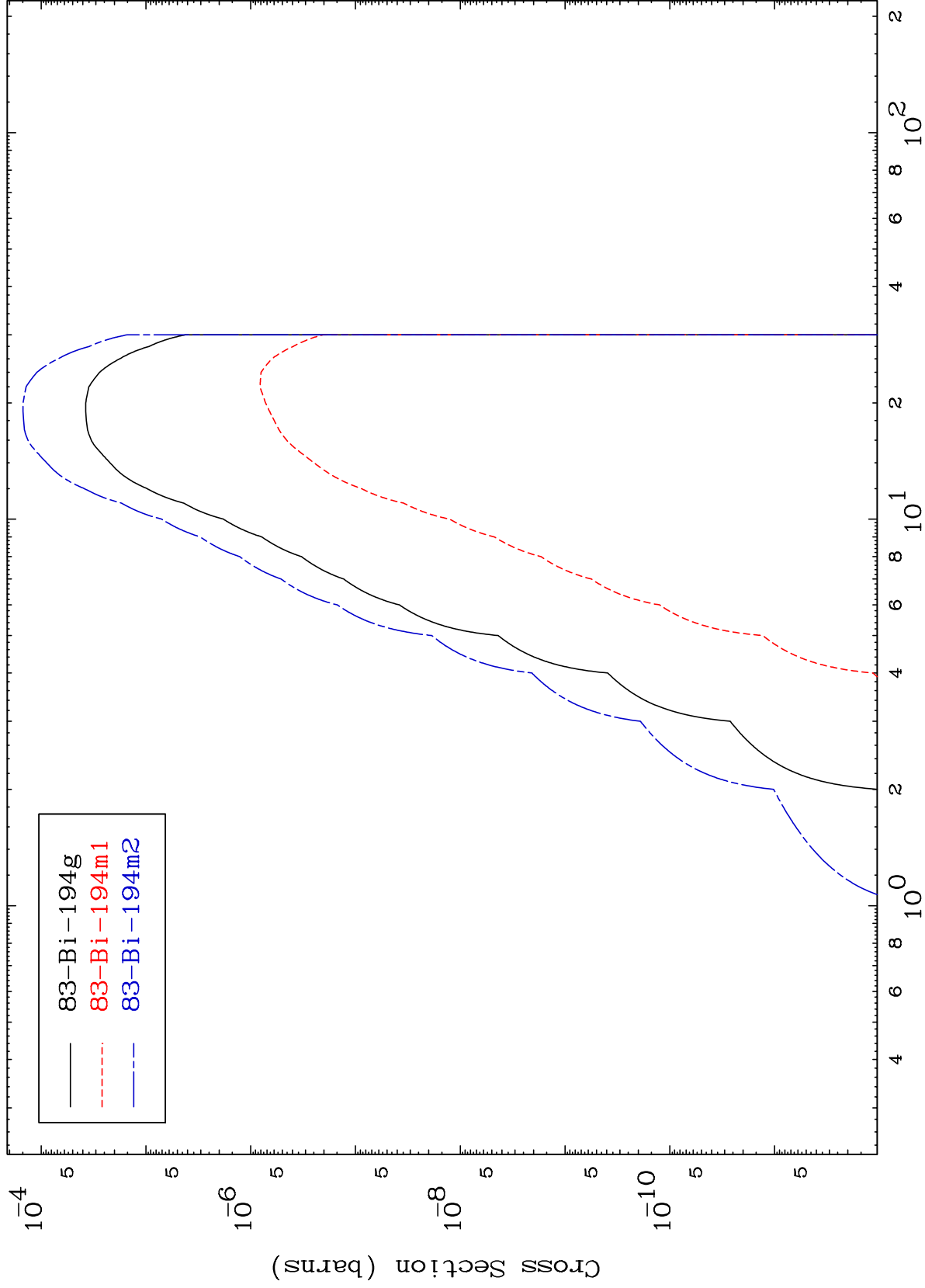


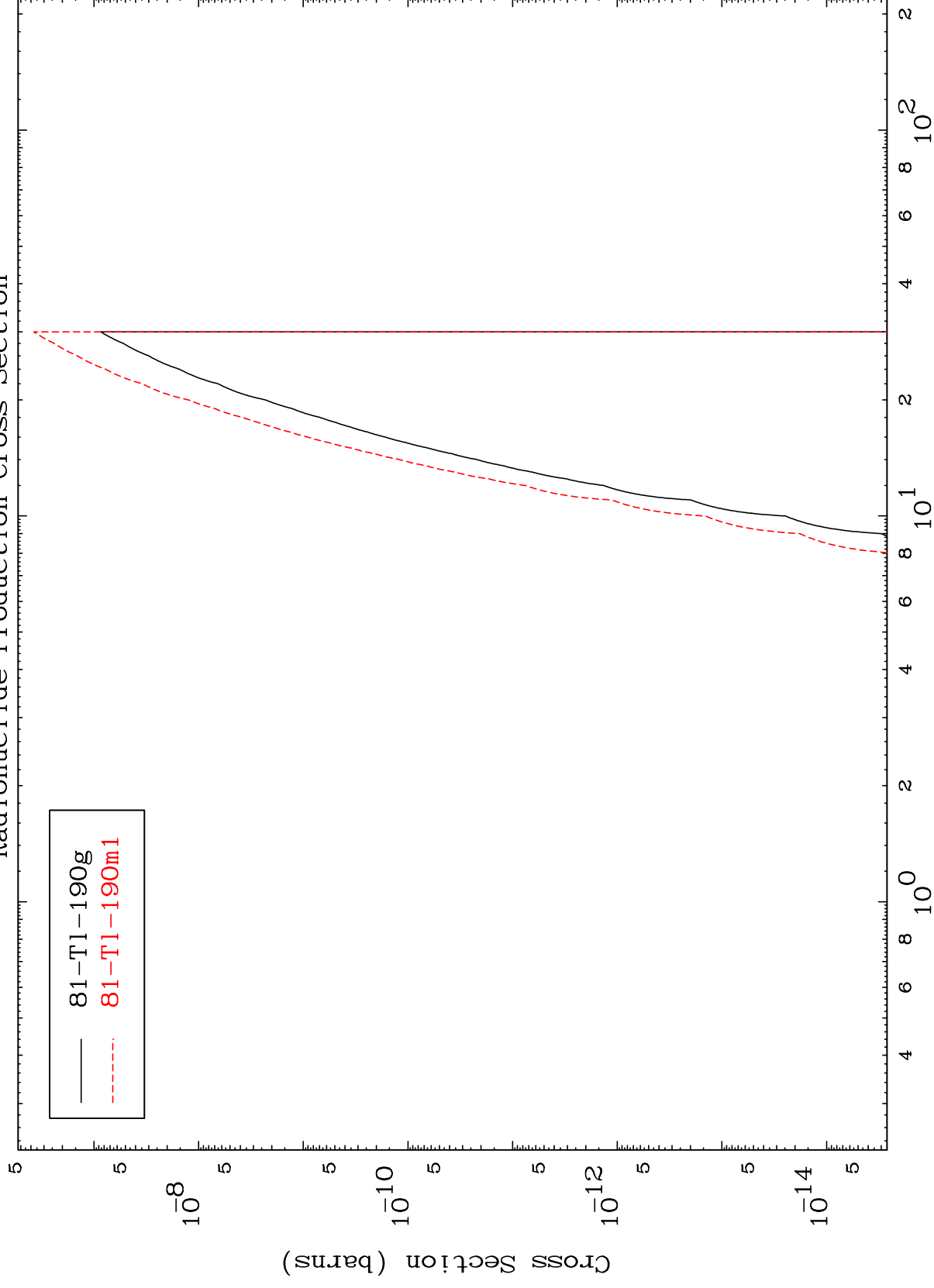
24

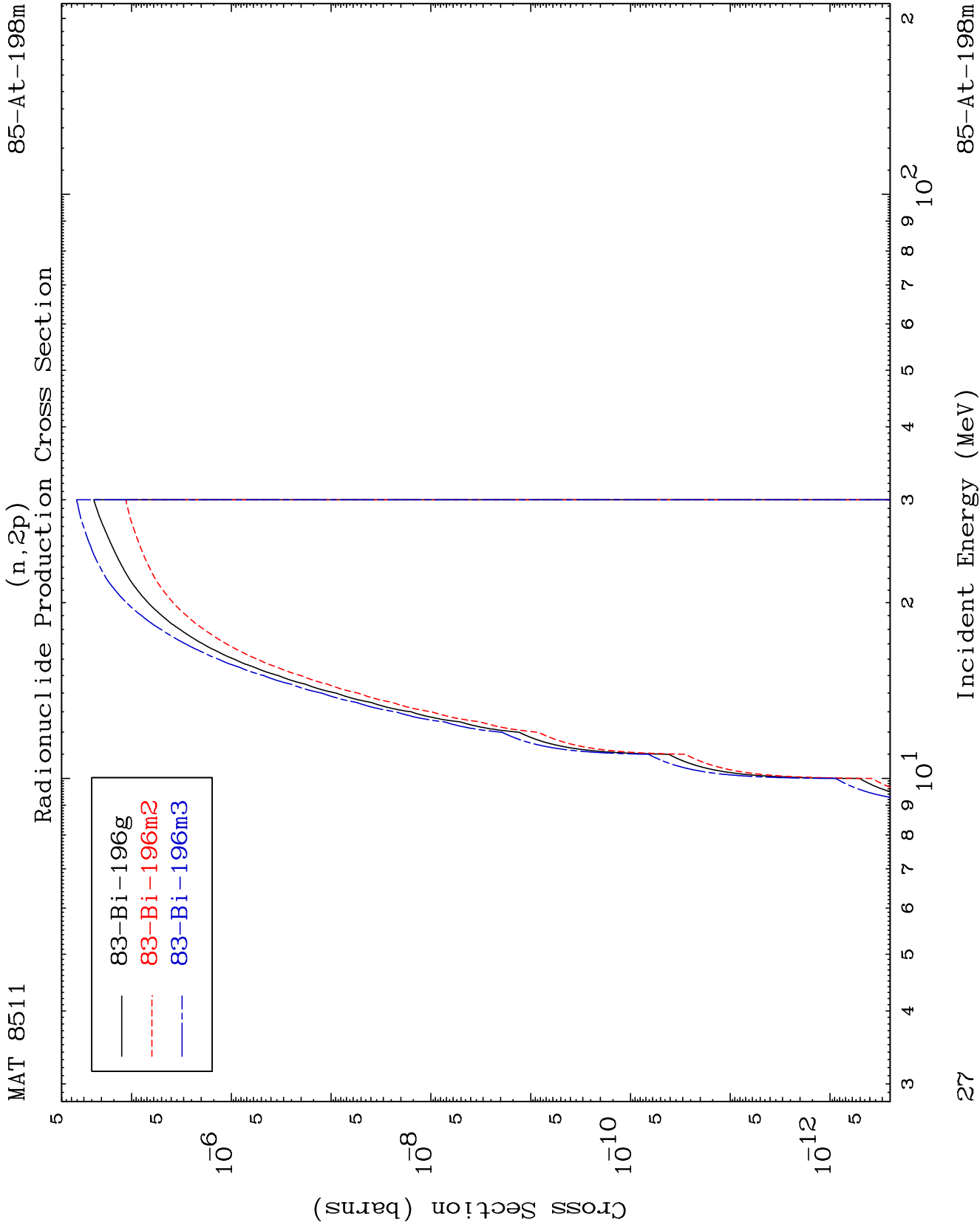
Incident Energy (MeV)

85-At-198m

Radionuclide Production Cross Section (n, α)



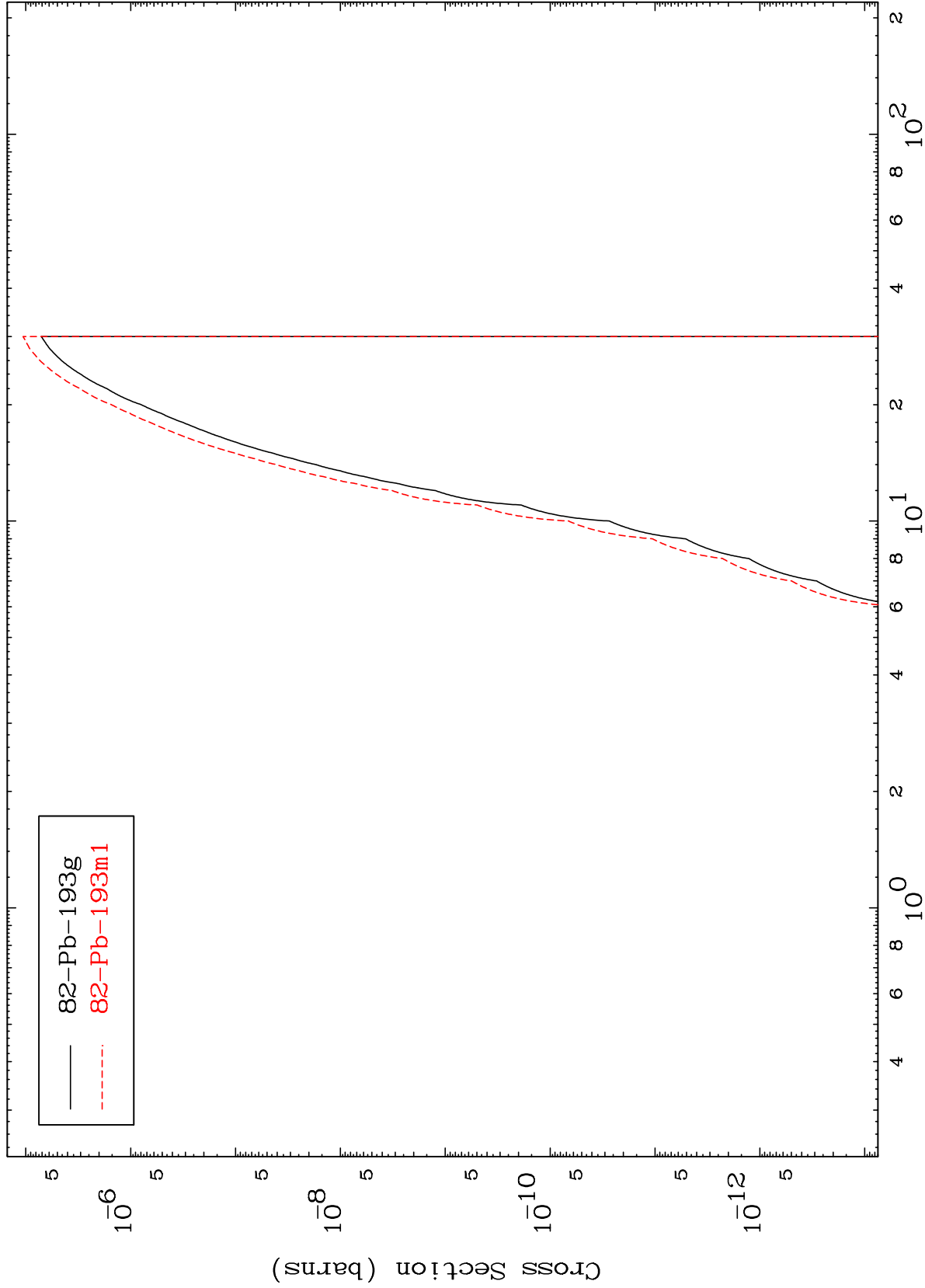
Radionuclide Production Cross Section
(n,2 α)



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85-At-198m

(n,p) α
Radionuclide Production Cross Section



28

Incident Energy (MeV)

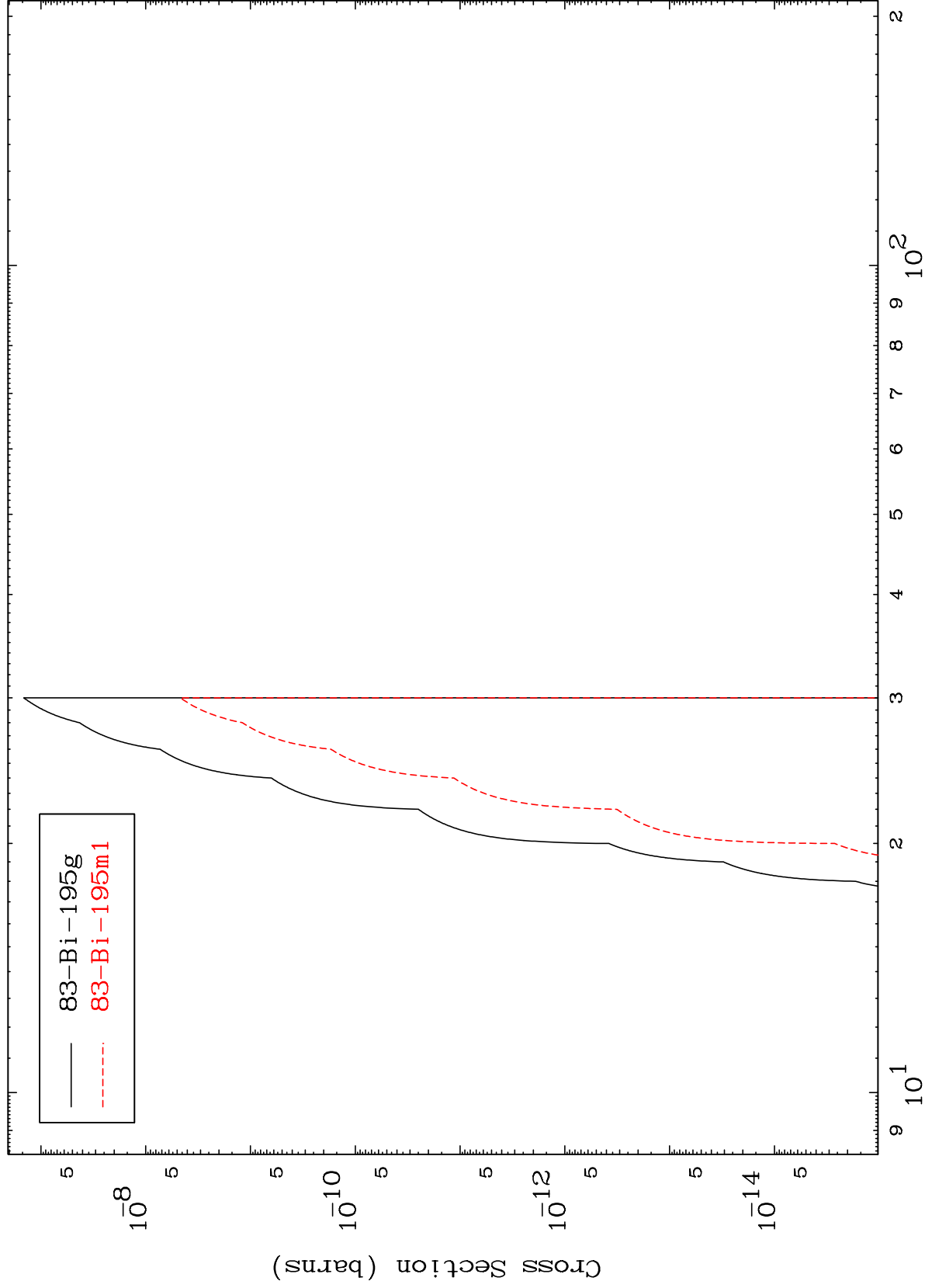
85-At-198m

MAT 8511

(n,p) d

85-At-198m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

85-At-198m