

Program EVALPLOT
(Version 2021-1)

by

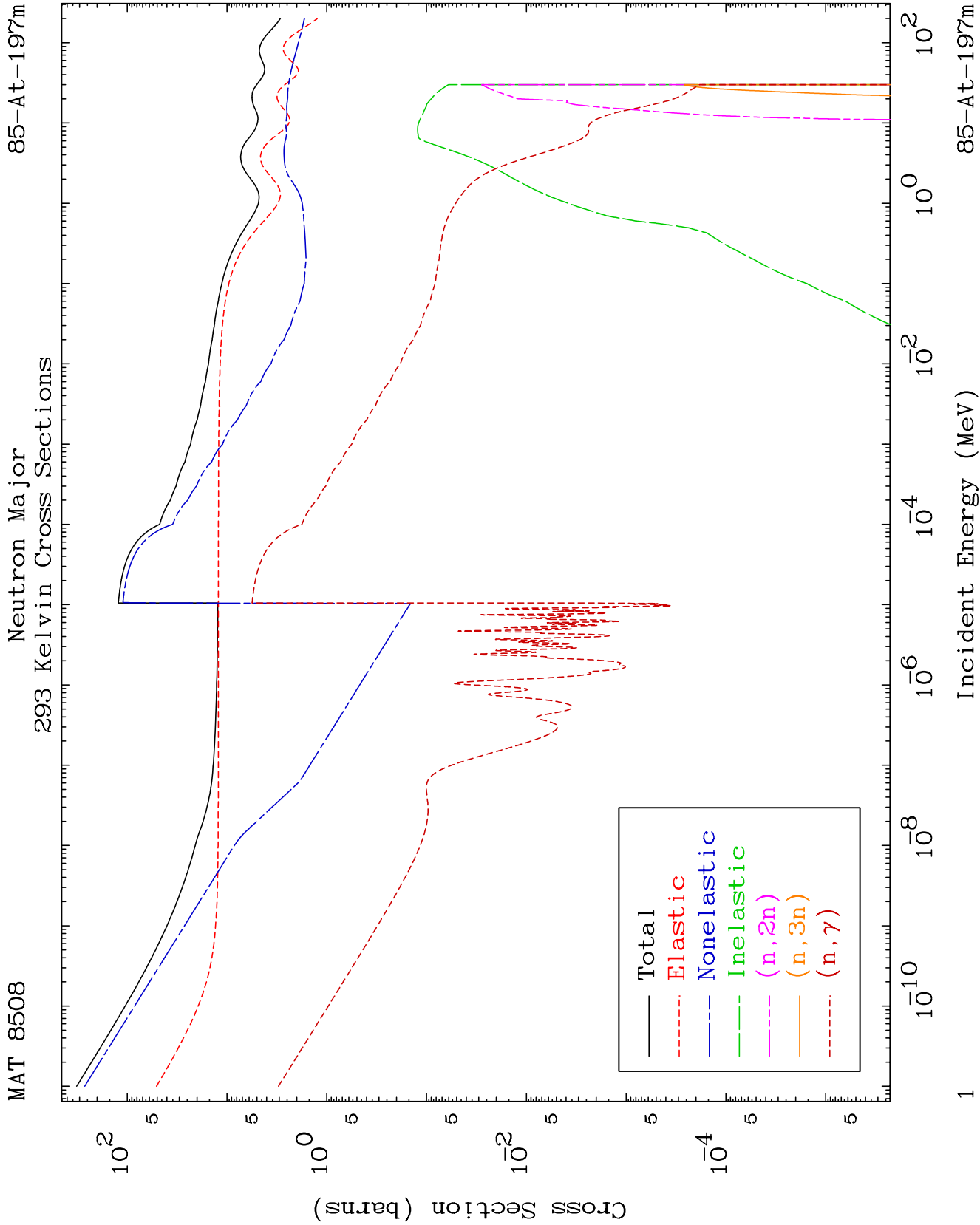
Dermott E. Cullen
(Present Contact Information)

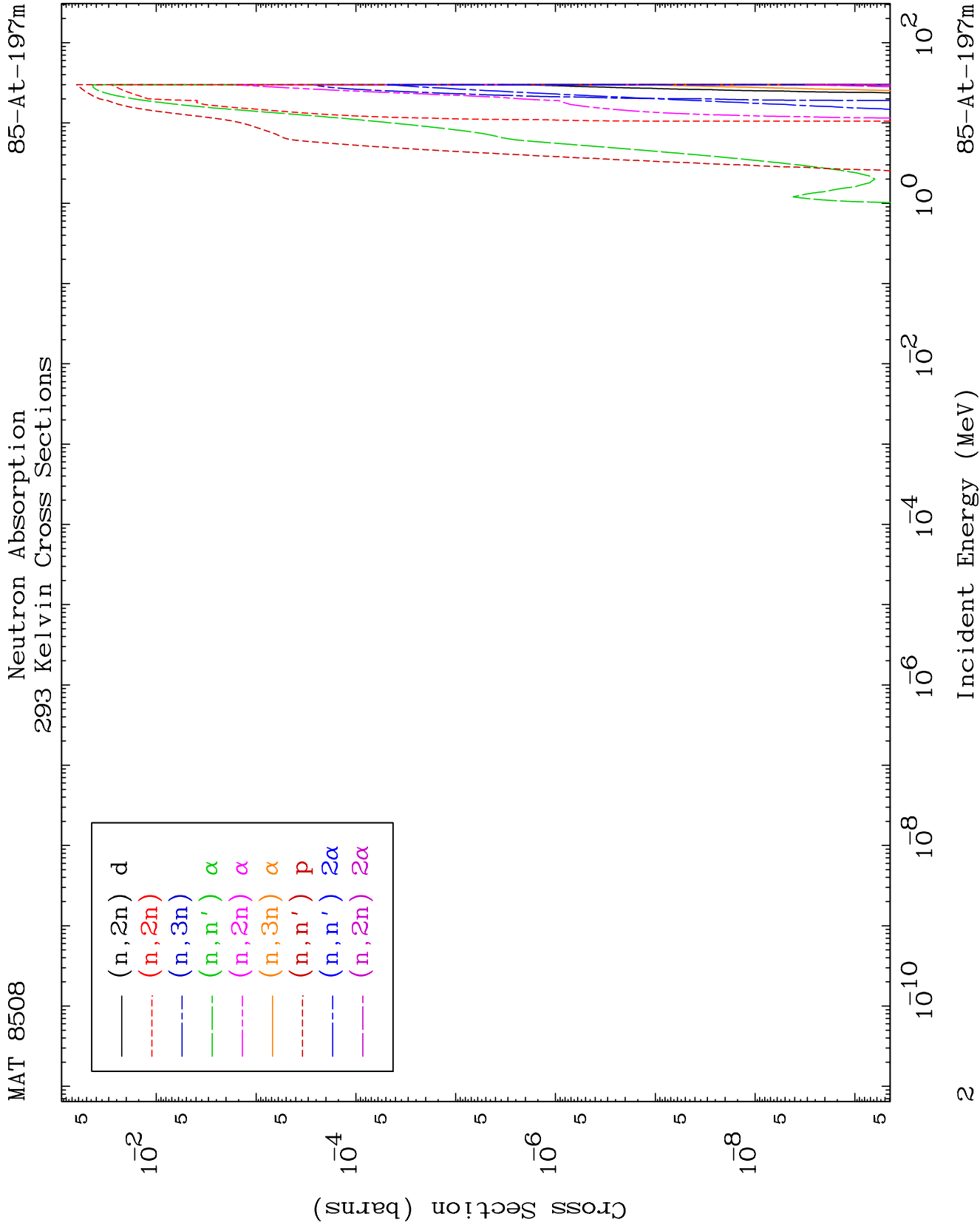
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

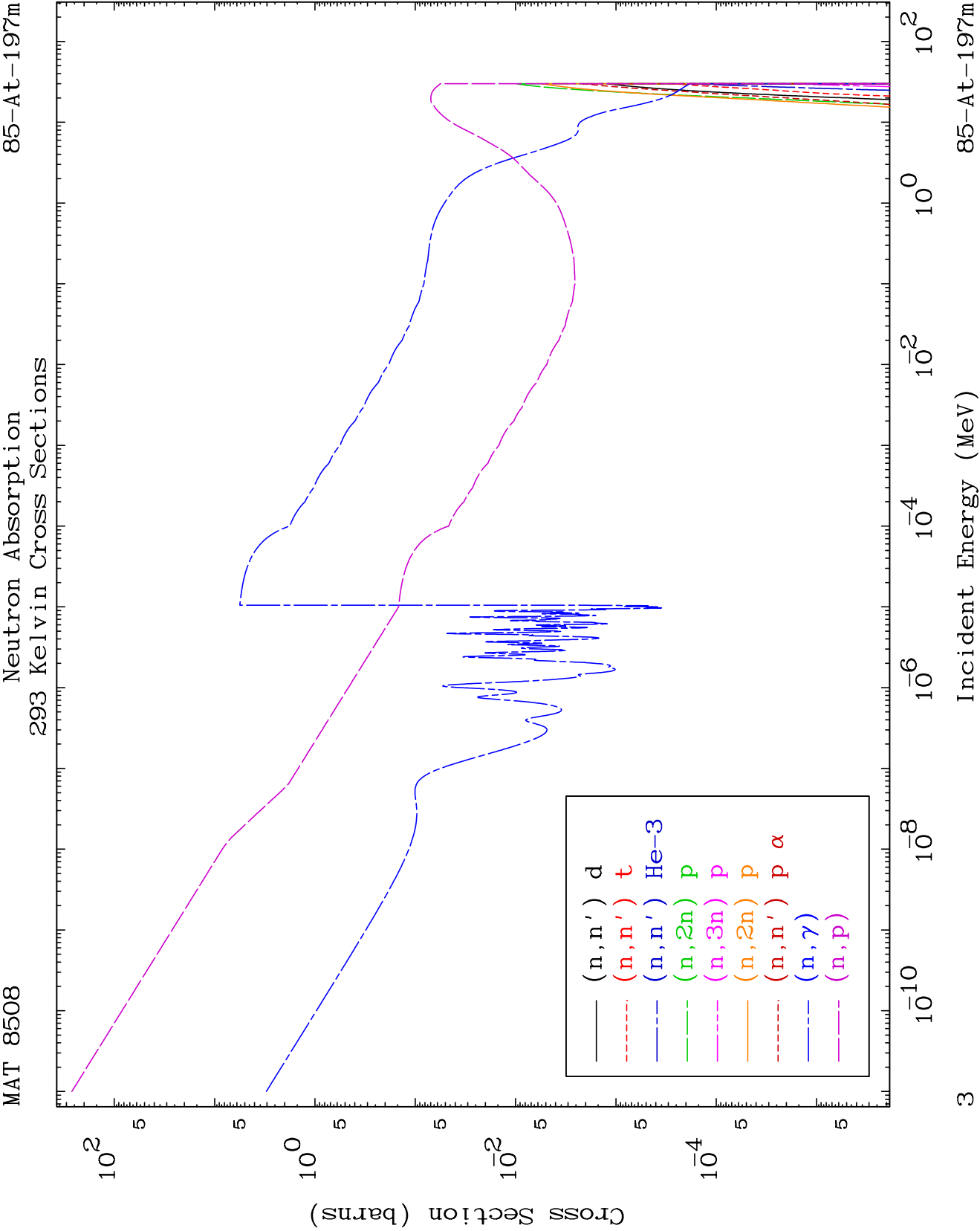
Tele: 925-443-1911

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

Press Mouse Button to Start



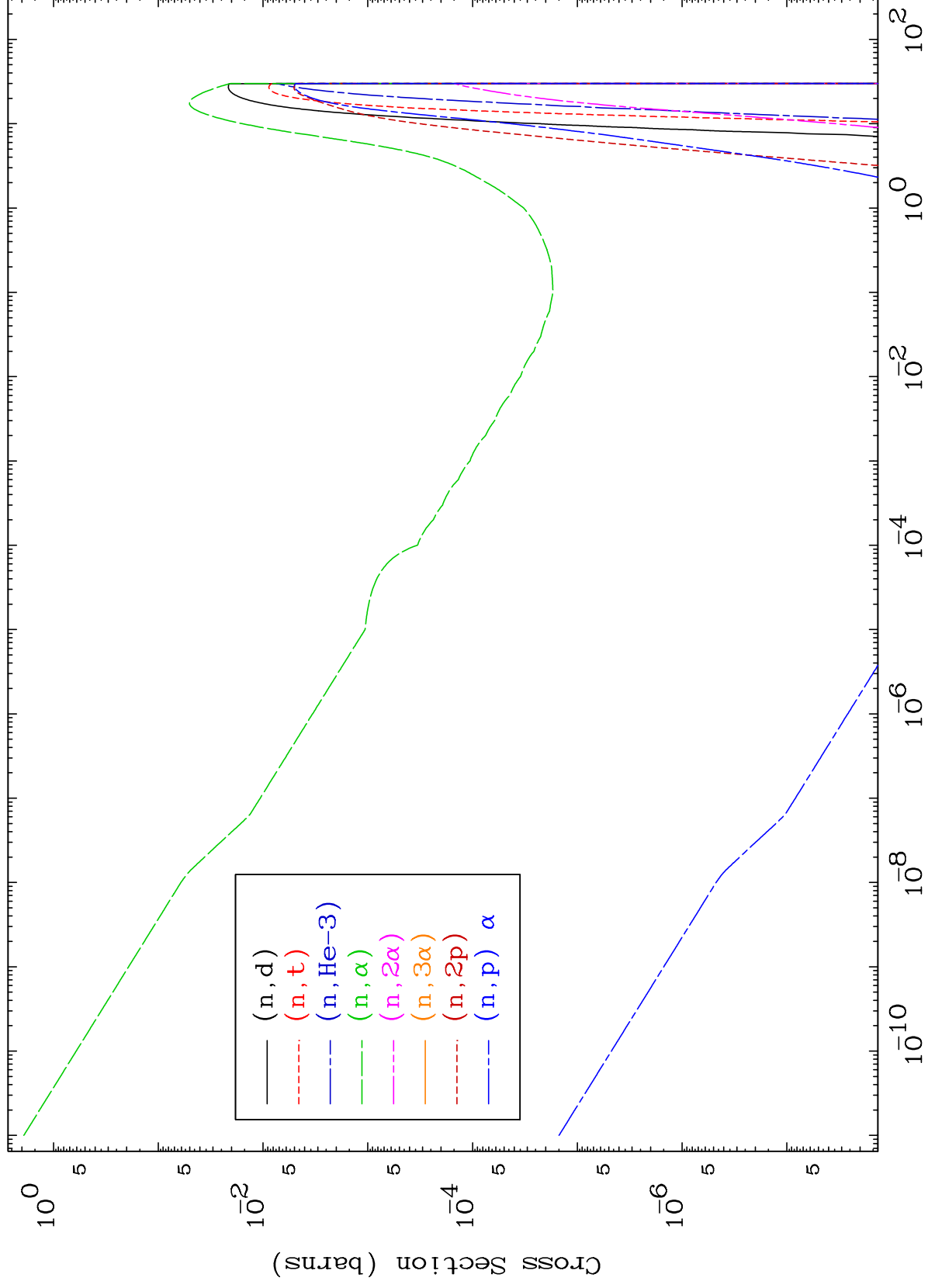


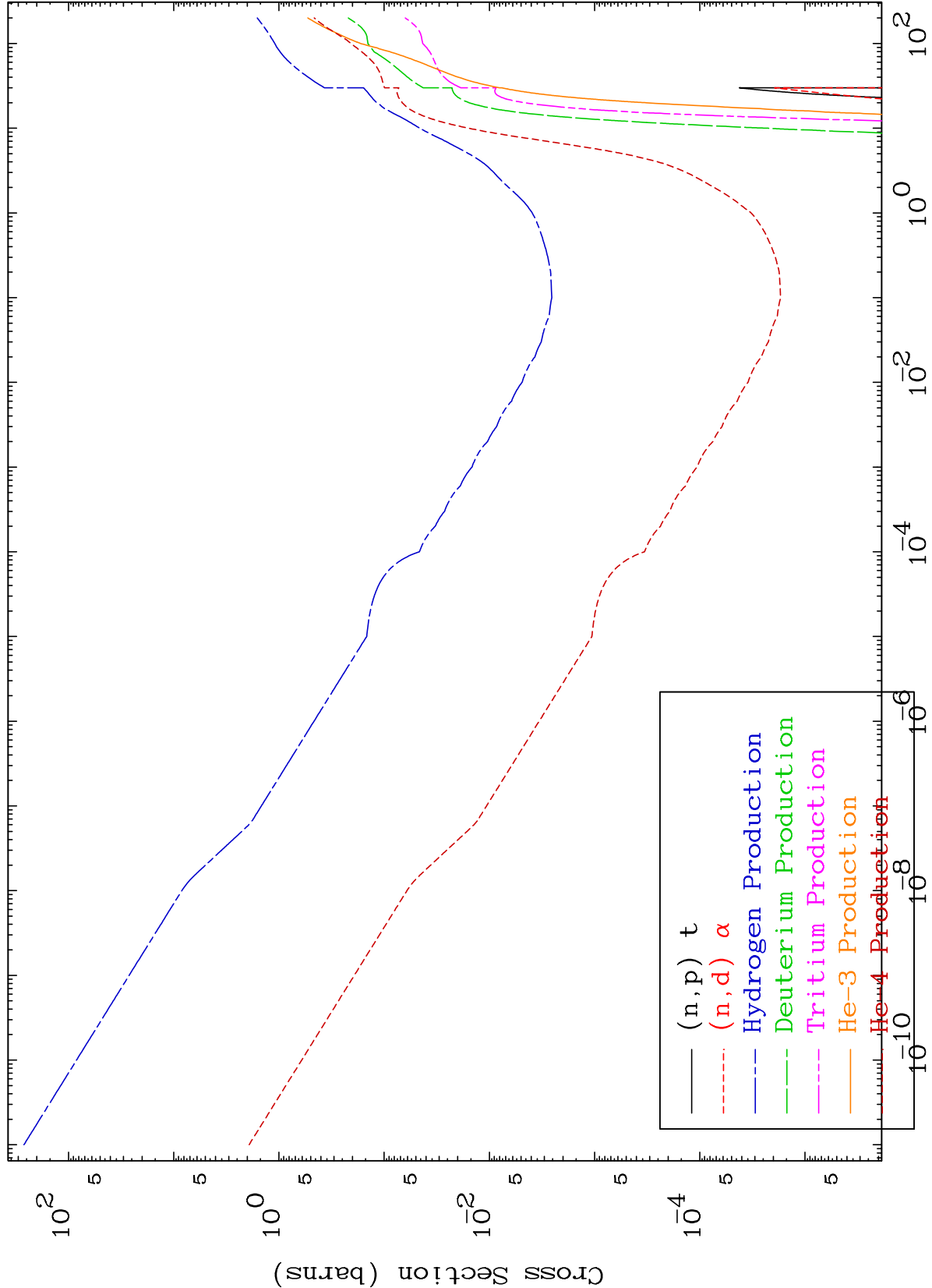


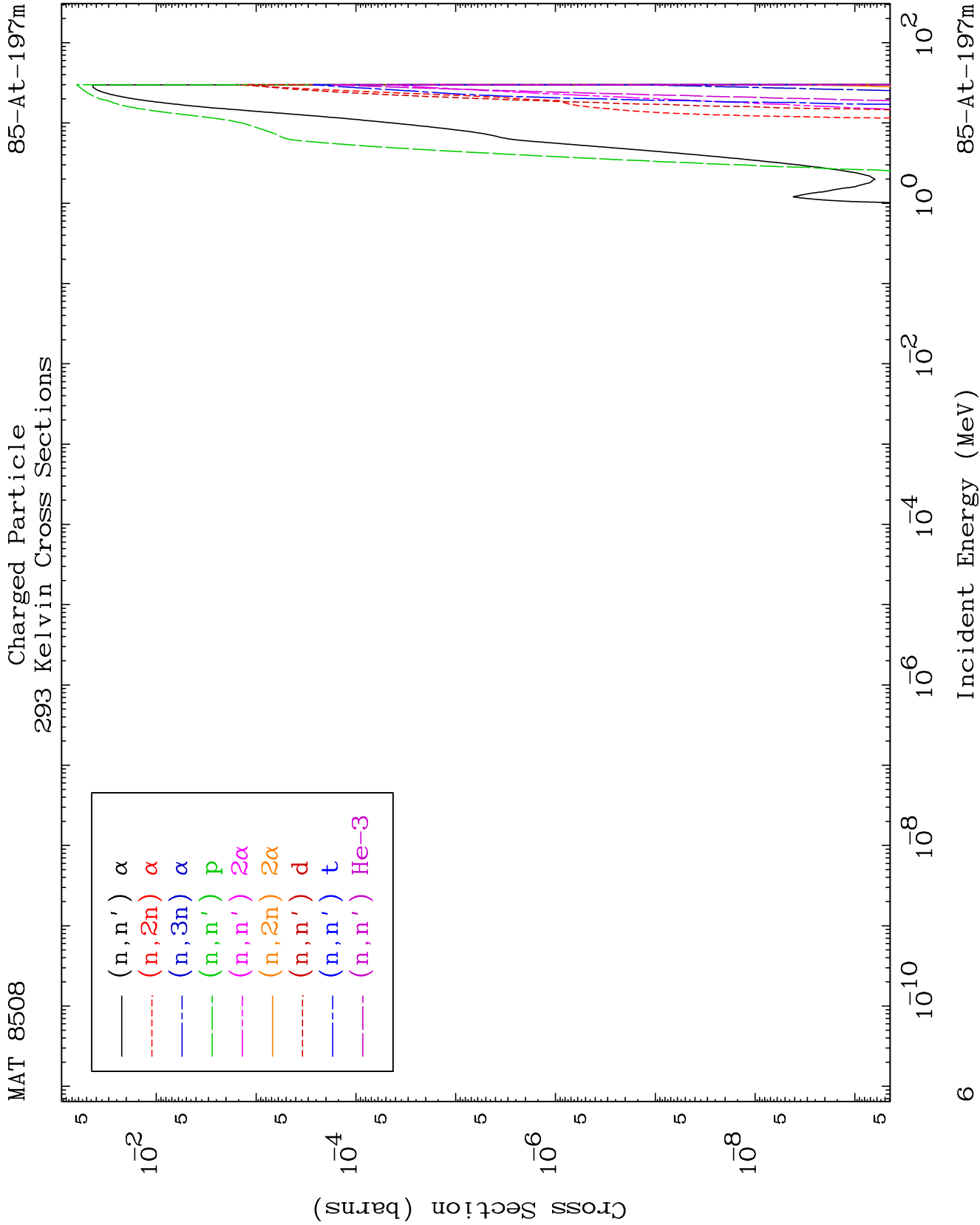
MAT 8508

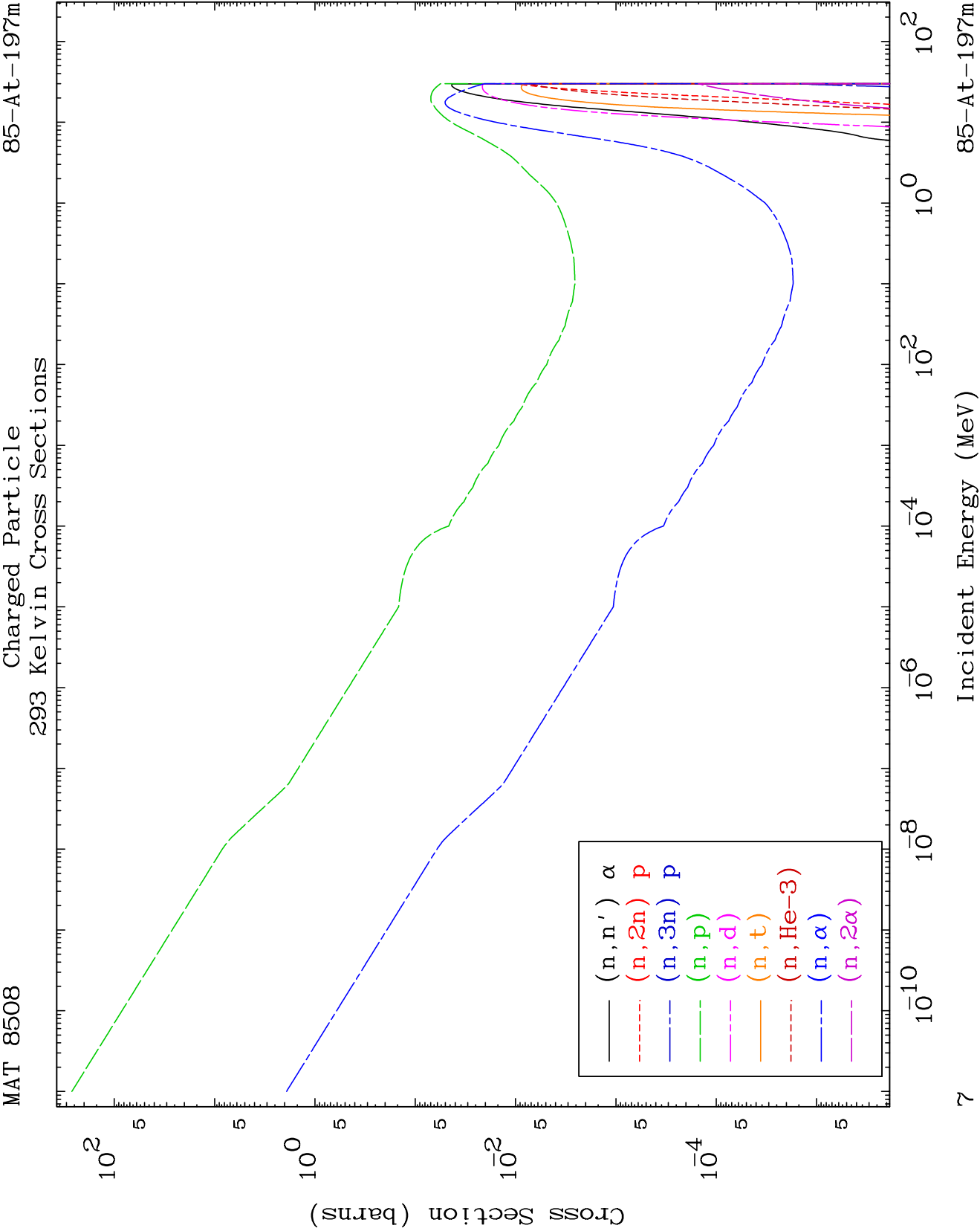
Neutron Absorption
293 Kelvin Cross Sections

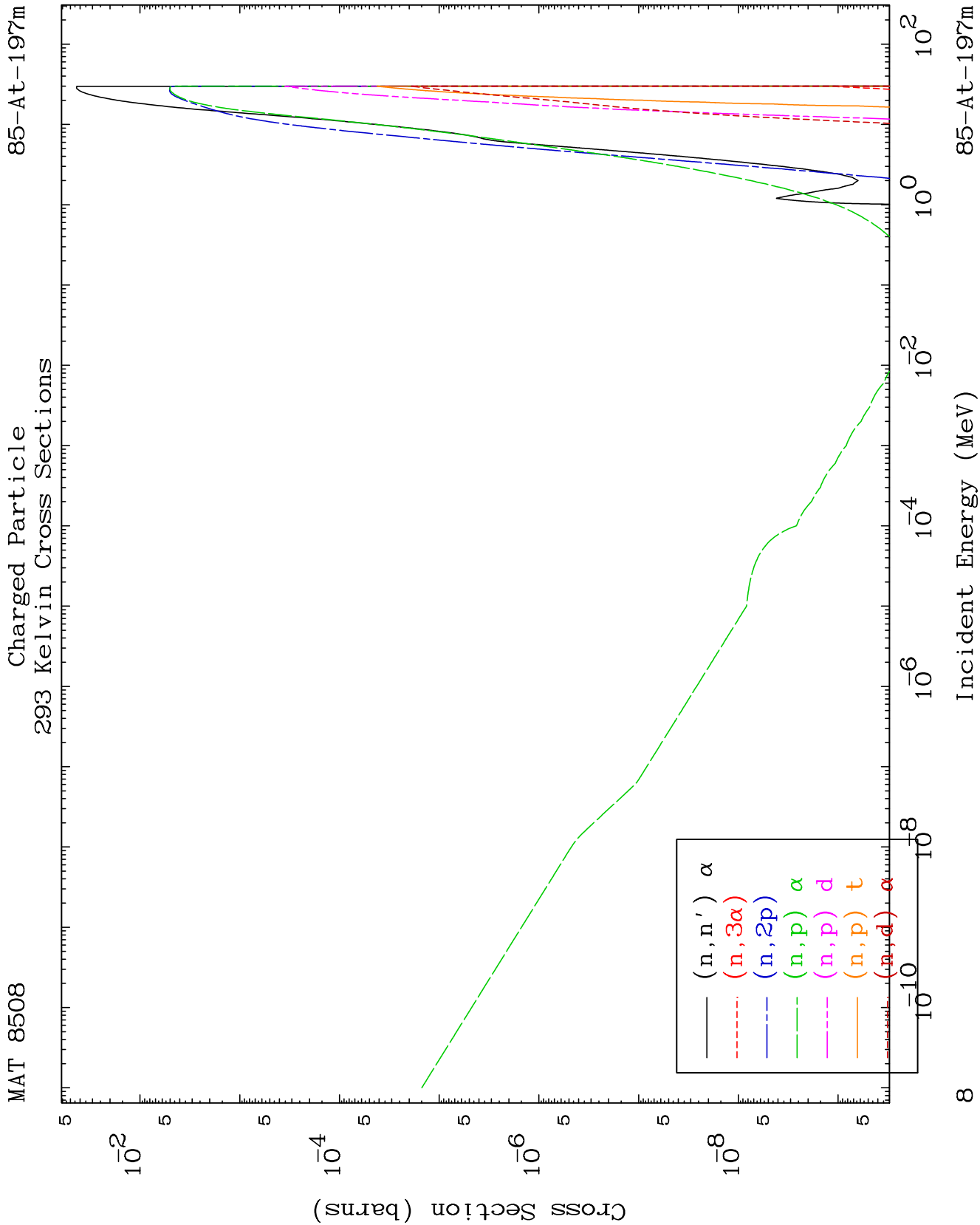
85-At-197m

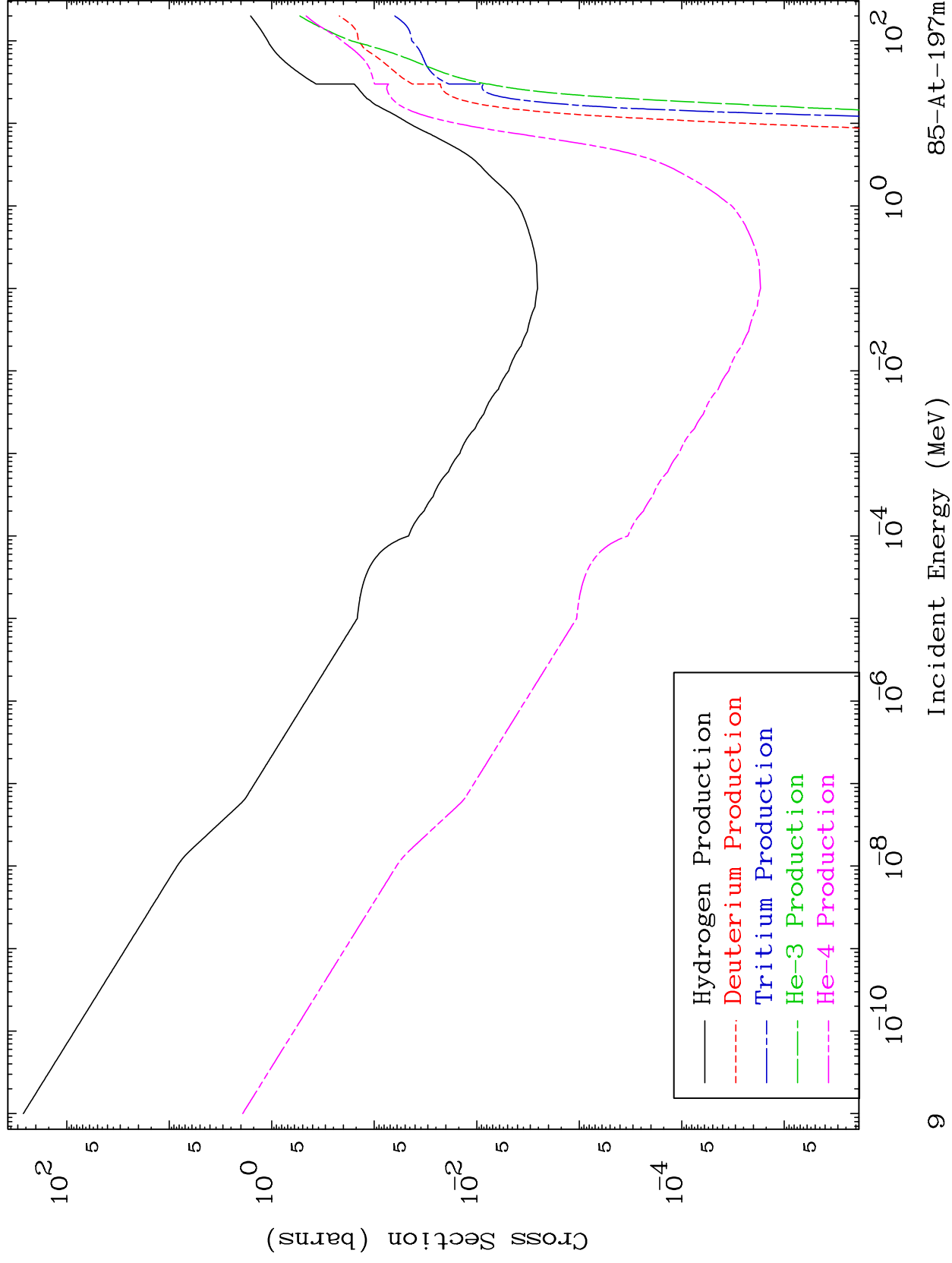


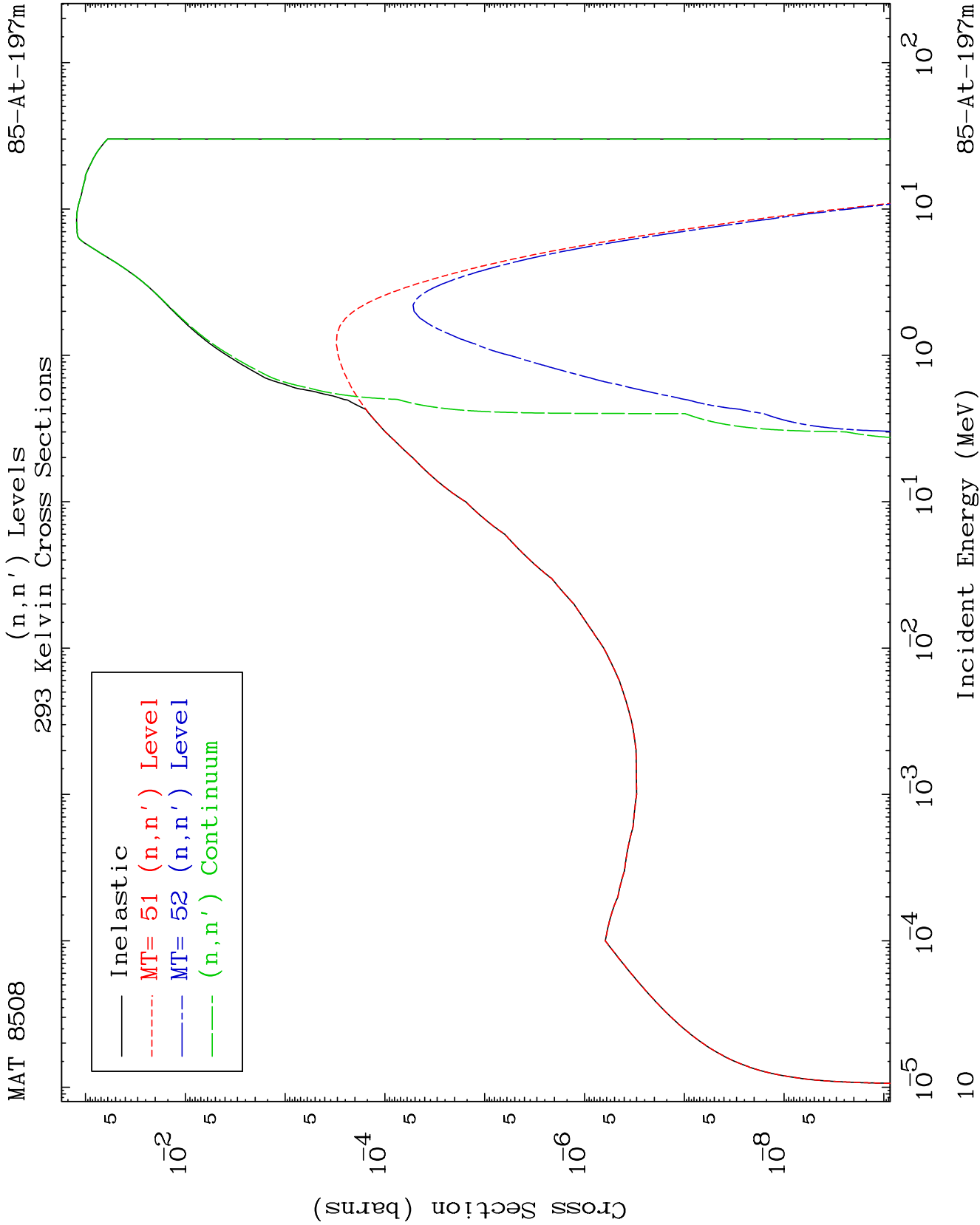








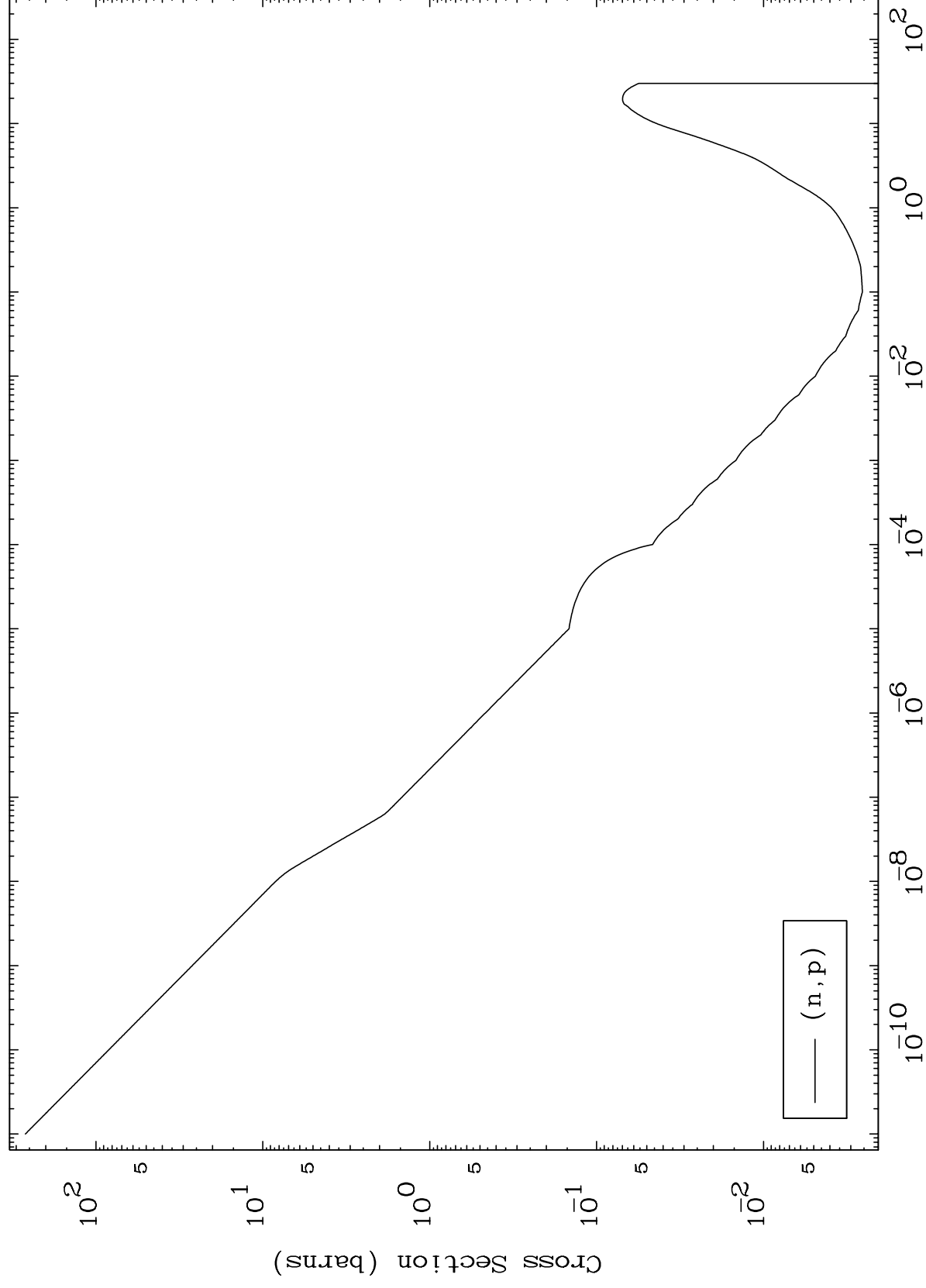




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(n,p) Levels
293 Kelvin Cross Sections

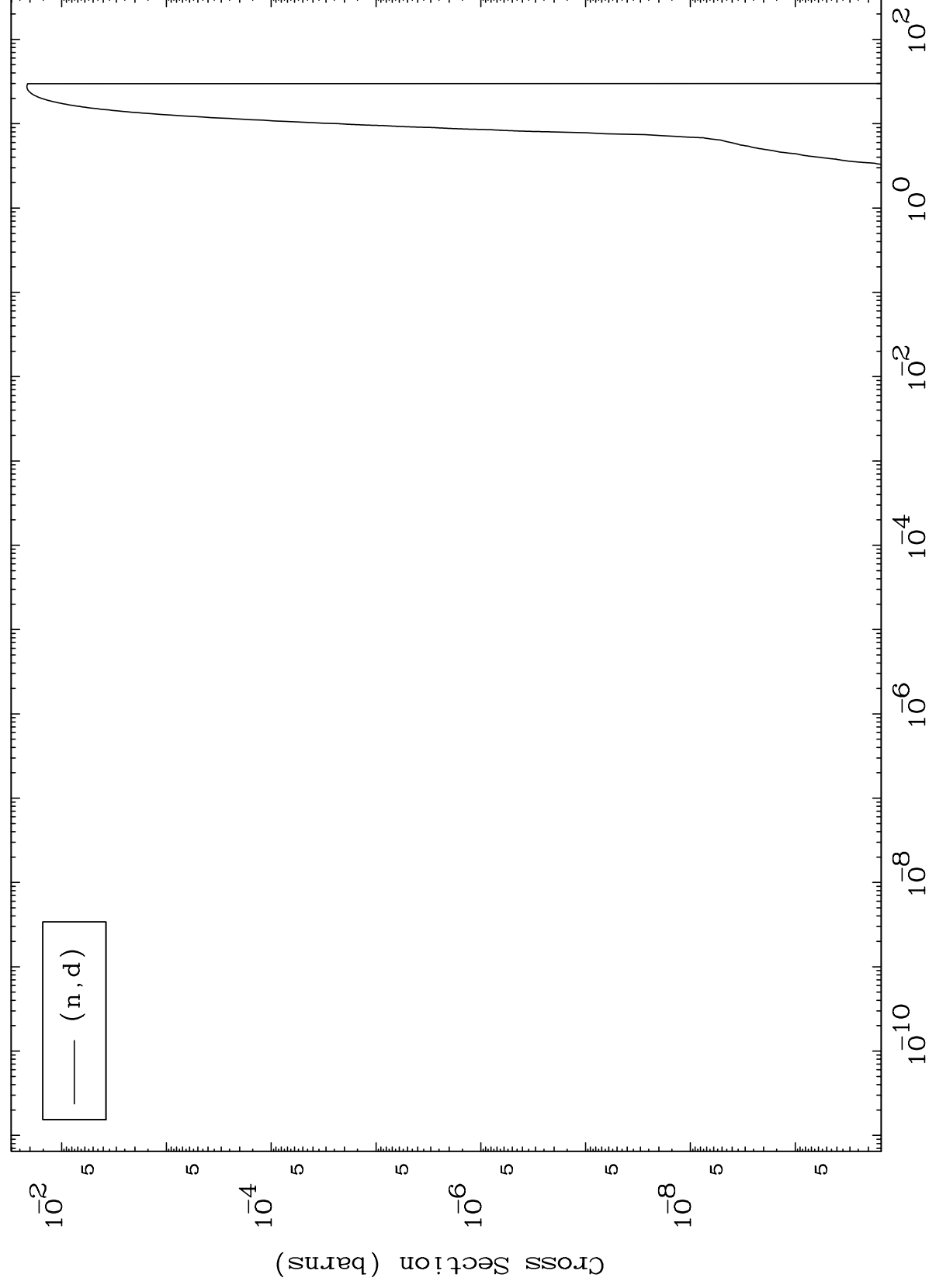
85-At-197m



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(n,d) Levels
293 Kelvin Cross Sections

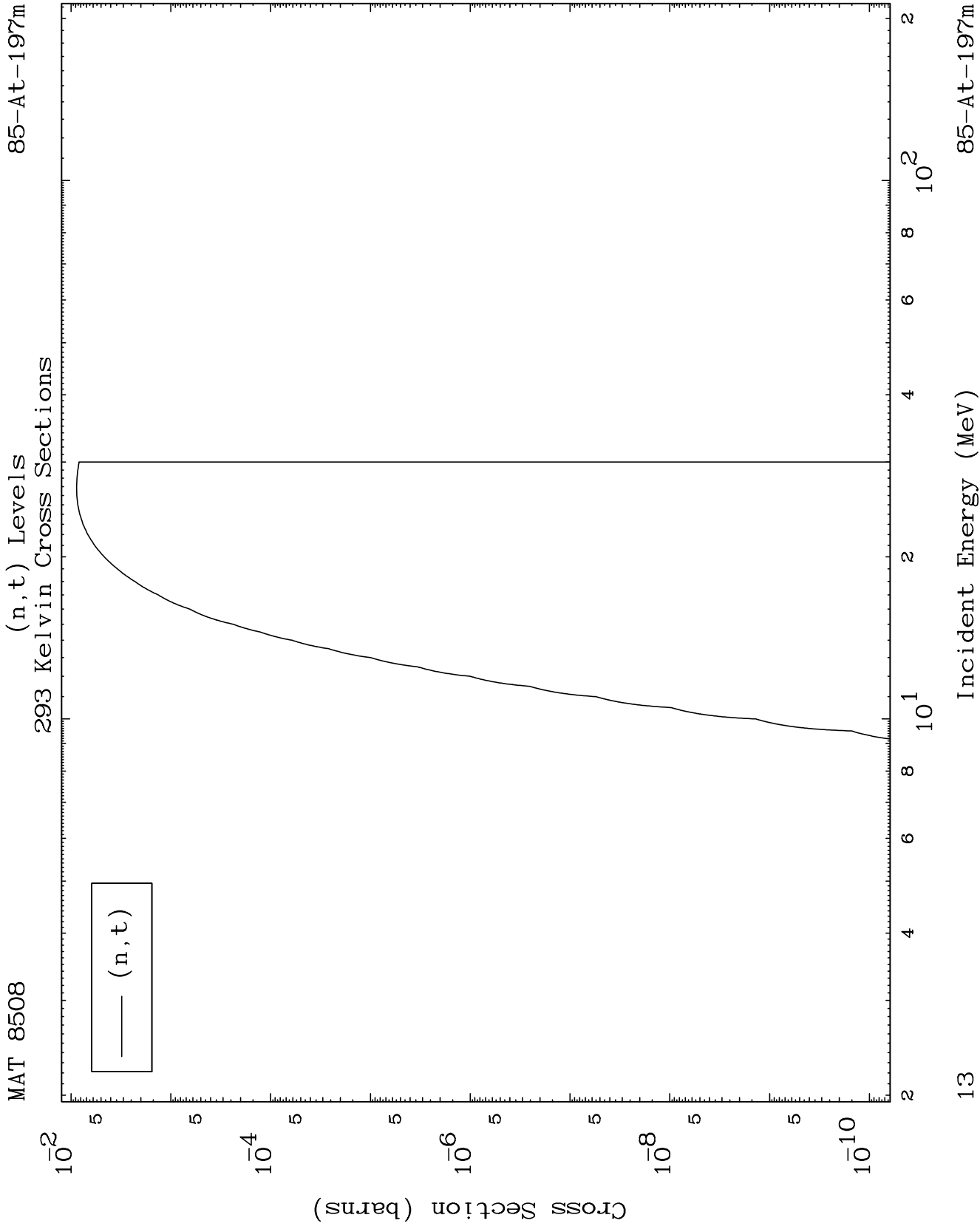
85-At-197m

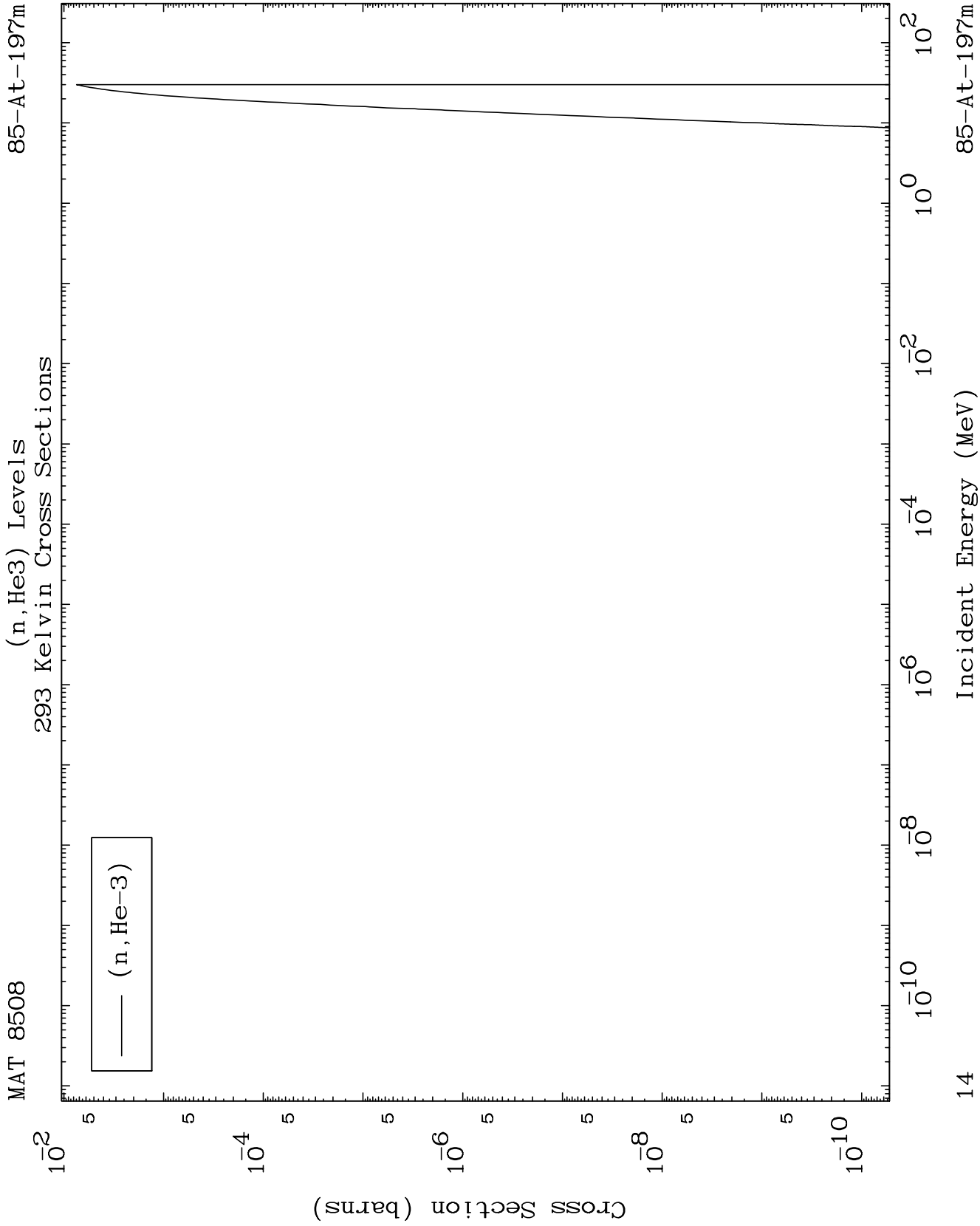


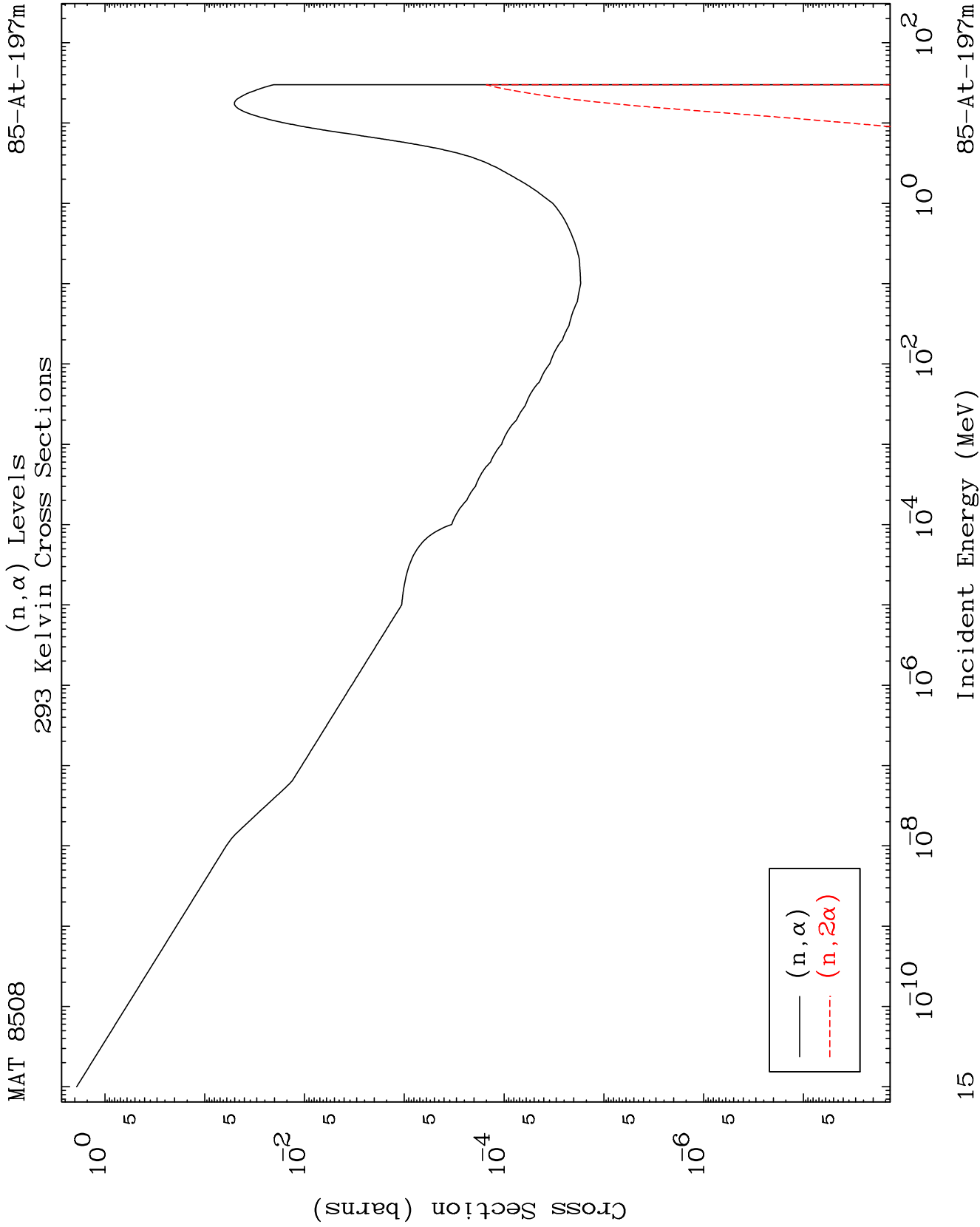
12

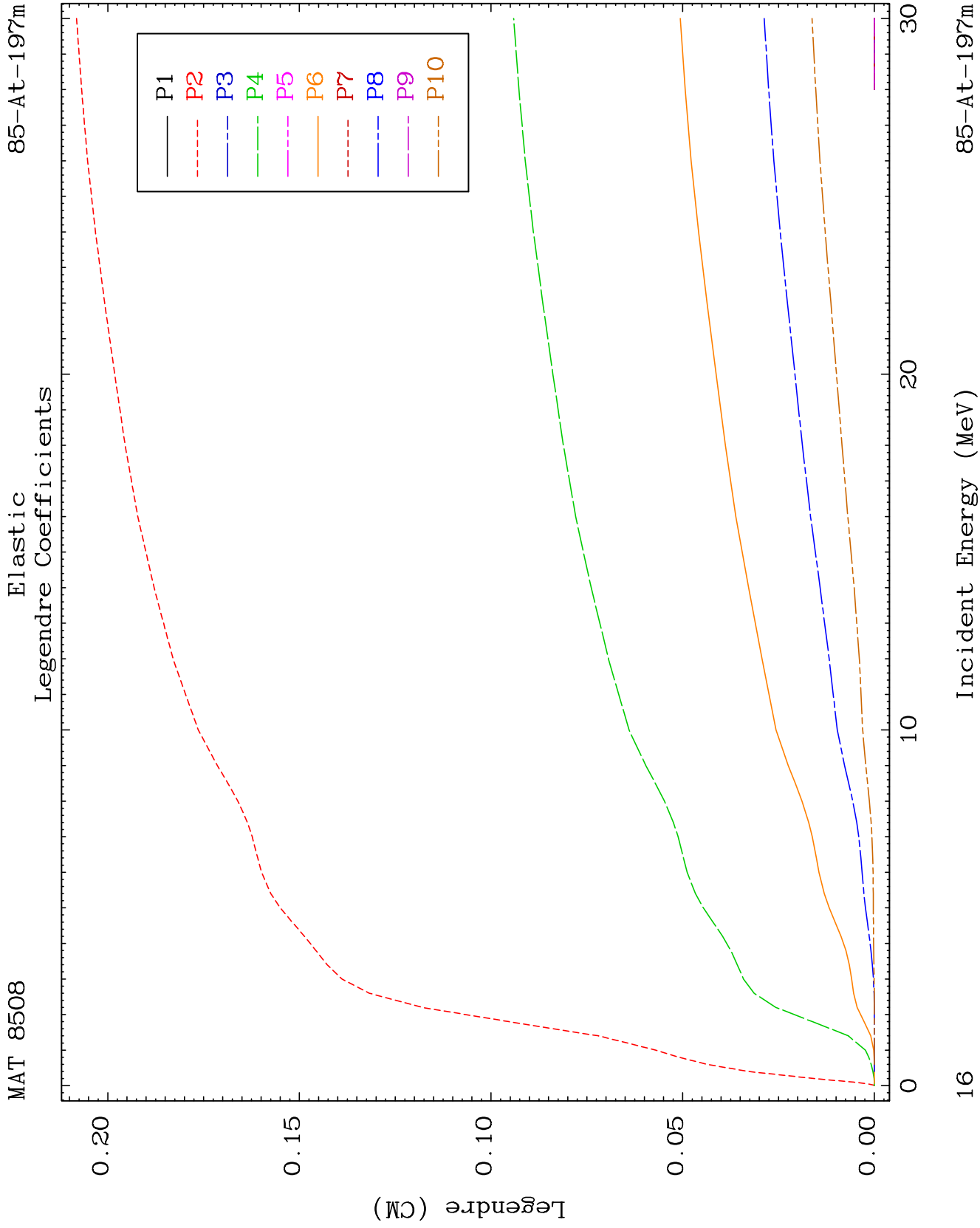
Incident Energy (MeV)

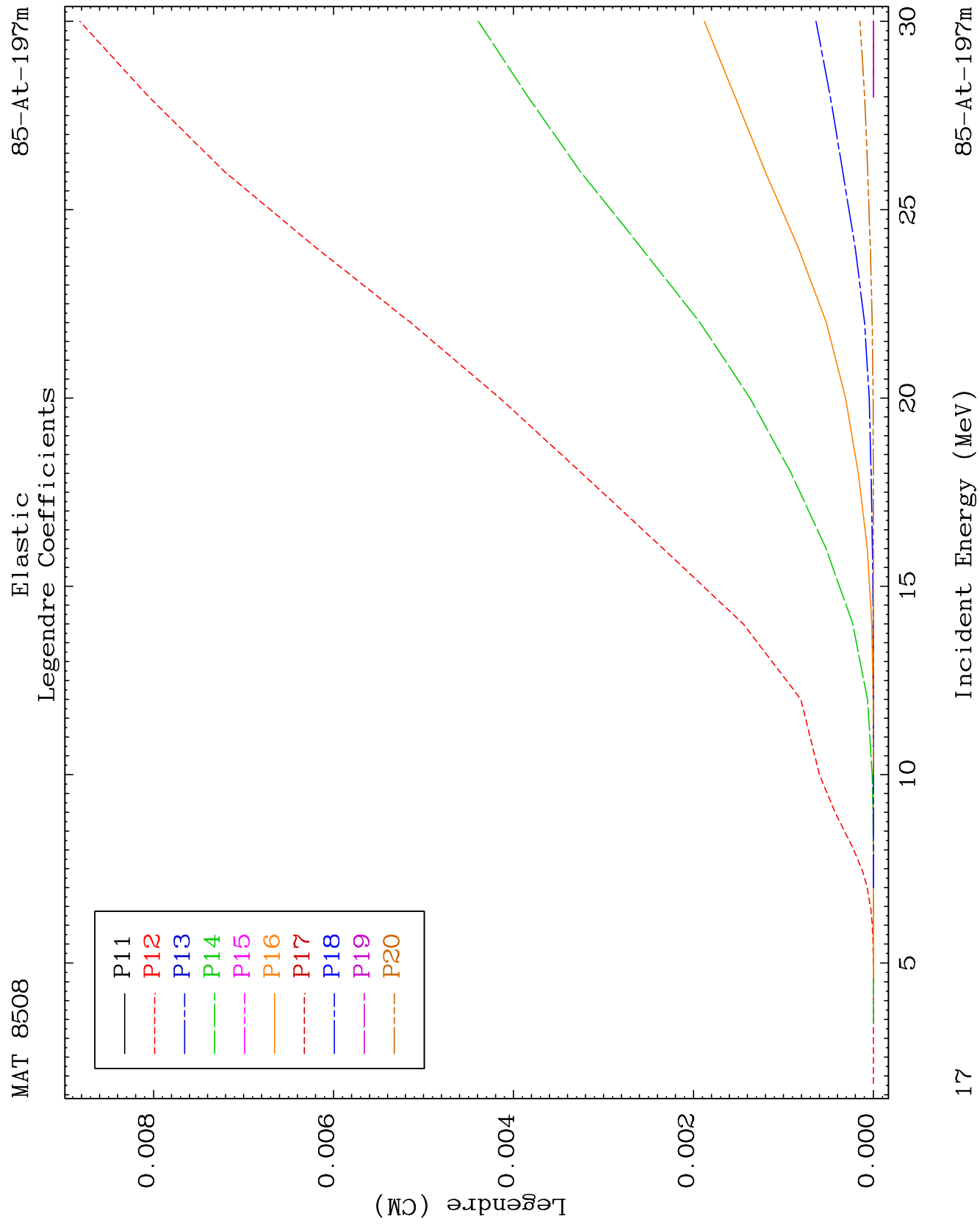
85-At-197m

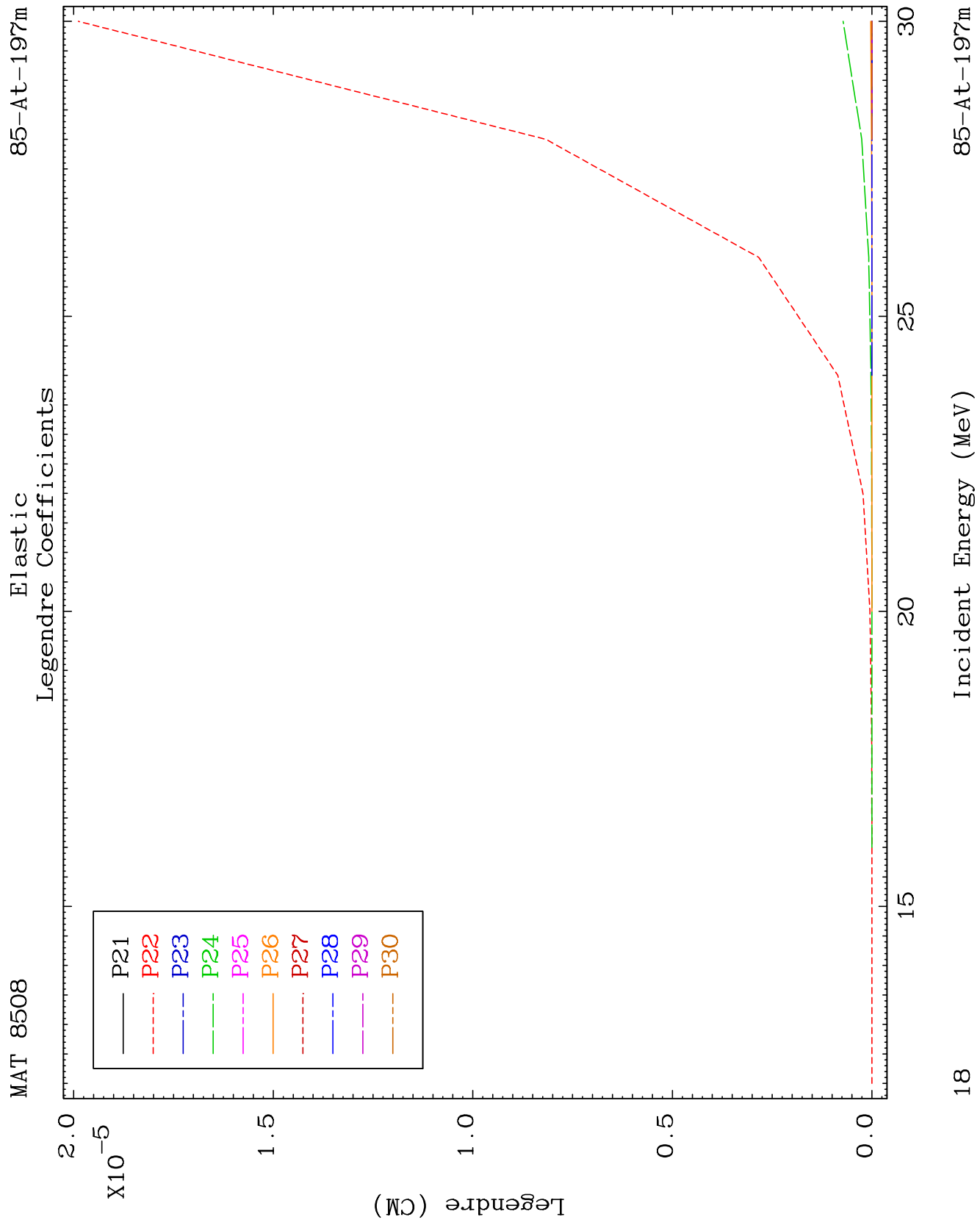








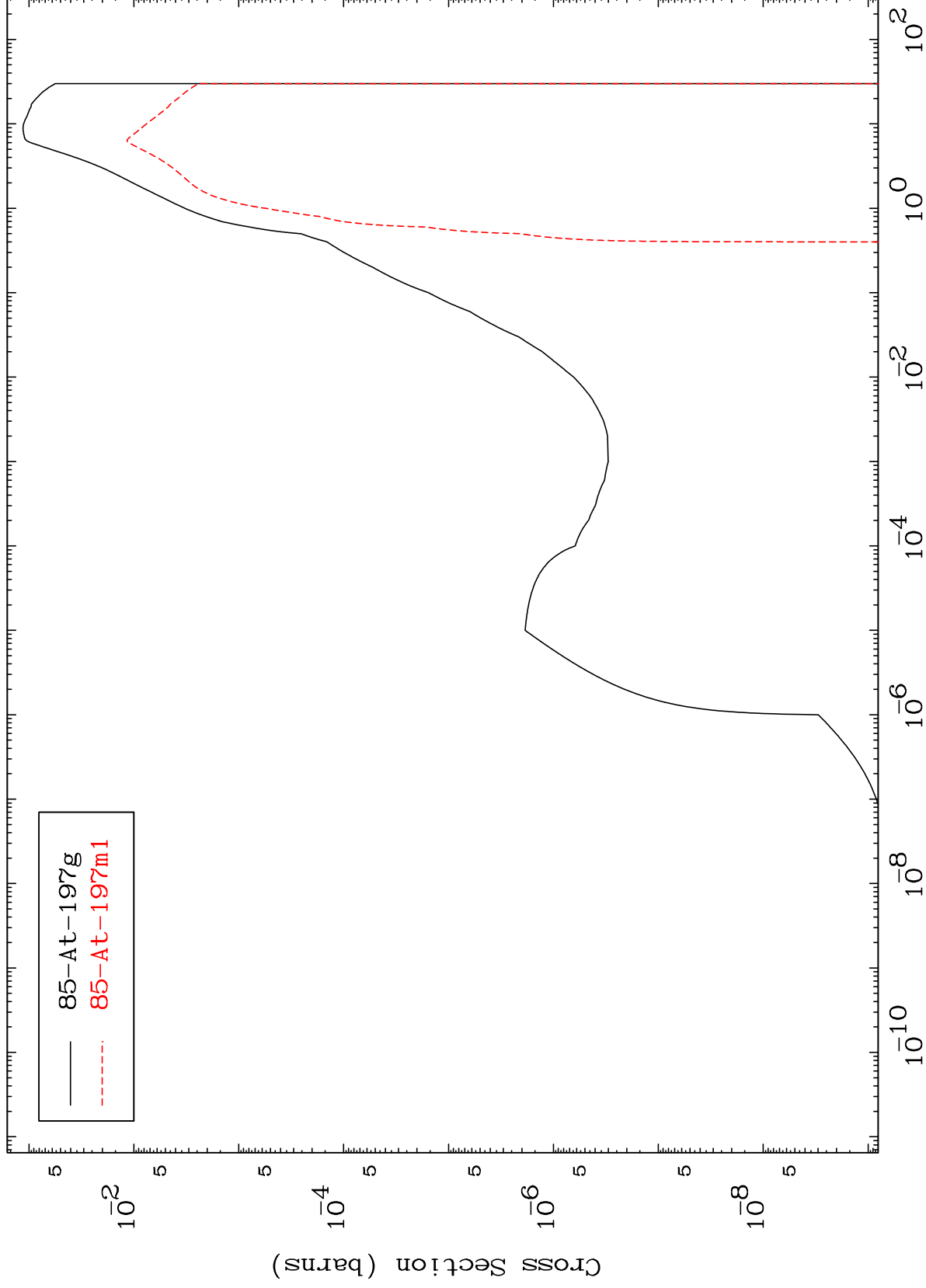




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Radionuclide Production Cross Section

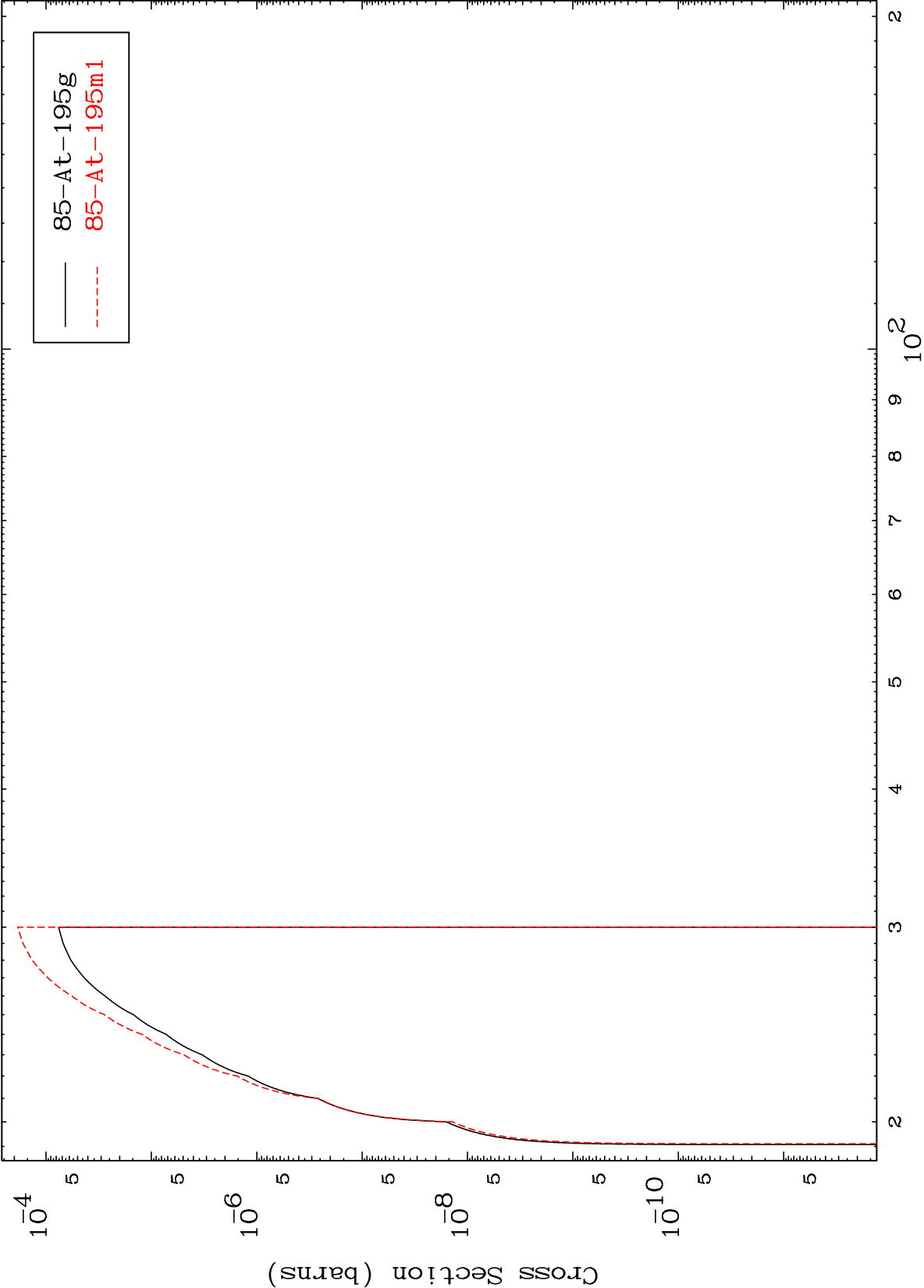
85-At-197m



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85-At-197m

(n,3n)
Radionuclide Production Cross Section



20

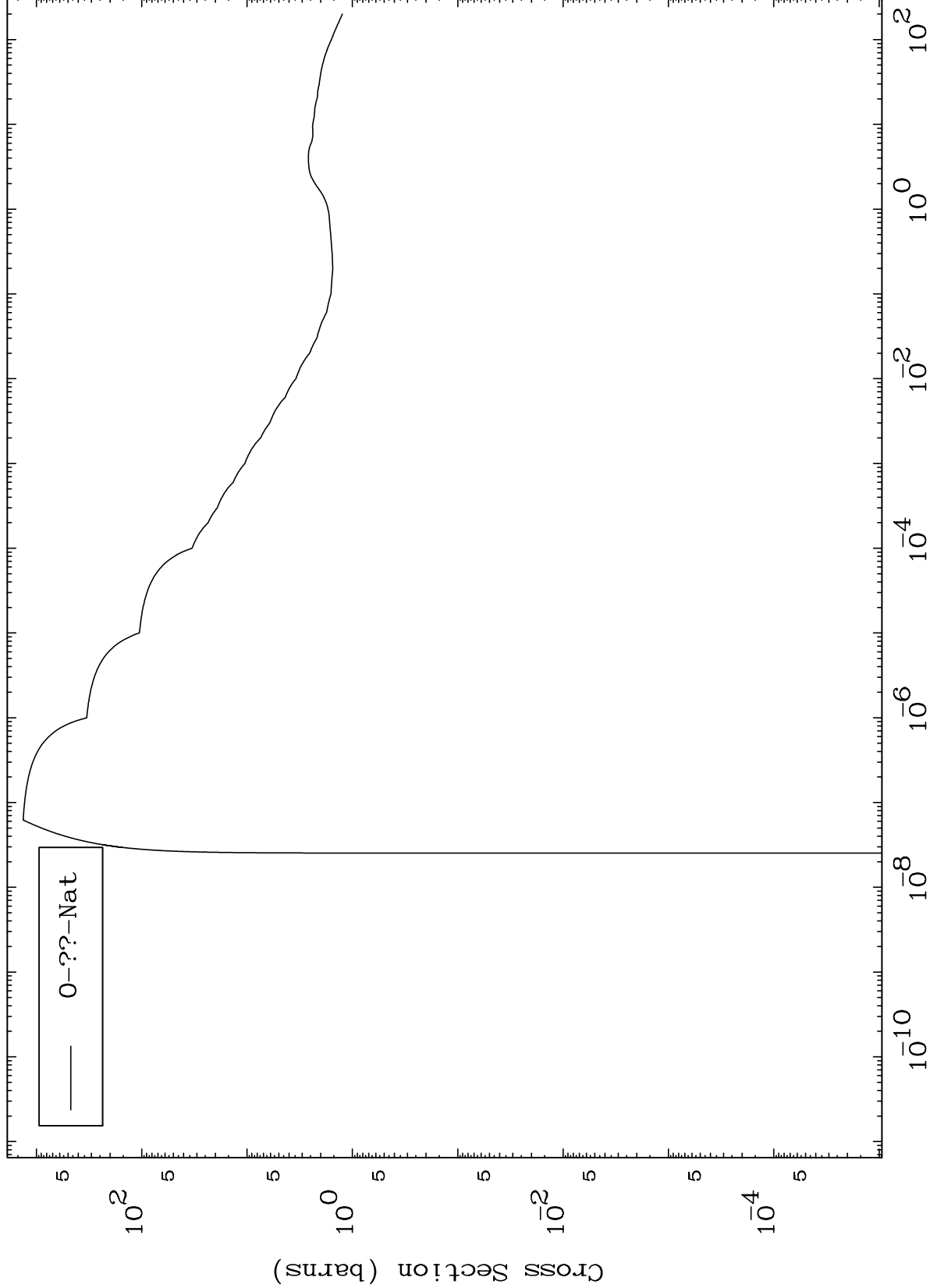
Incident Energy (MeV)

85-At-197m

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85-At-197m

Fission
Radionuclide Production Cross Section

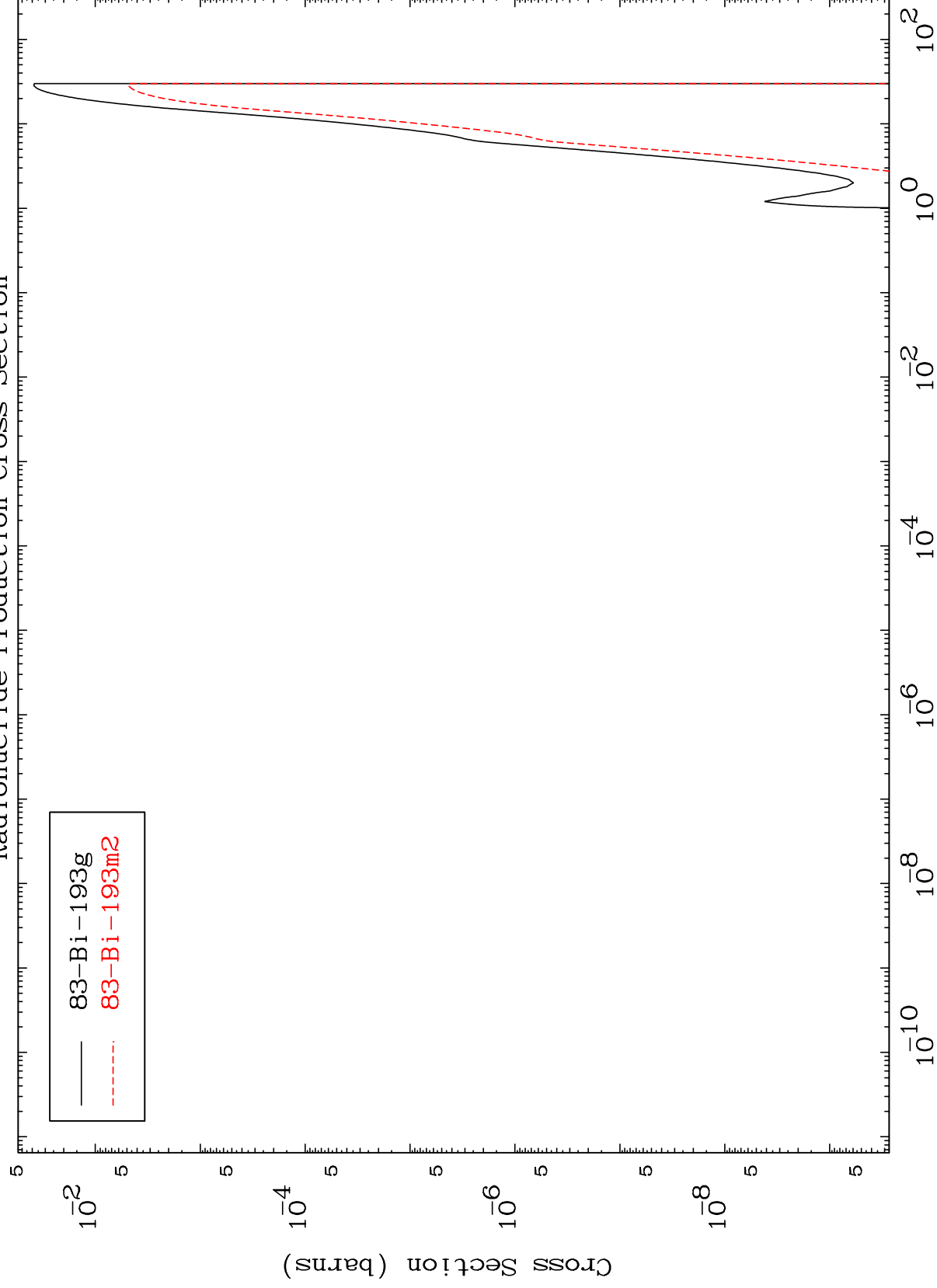


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85-At-197m

Radionuclide Production Cross Section

$(n,n') \alpha$

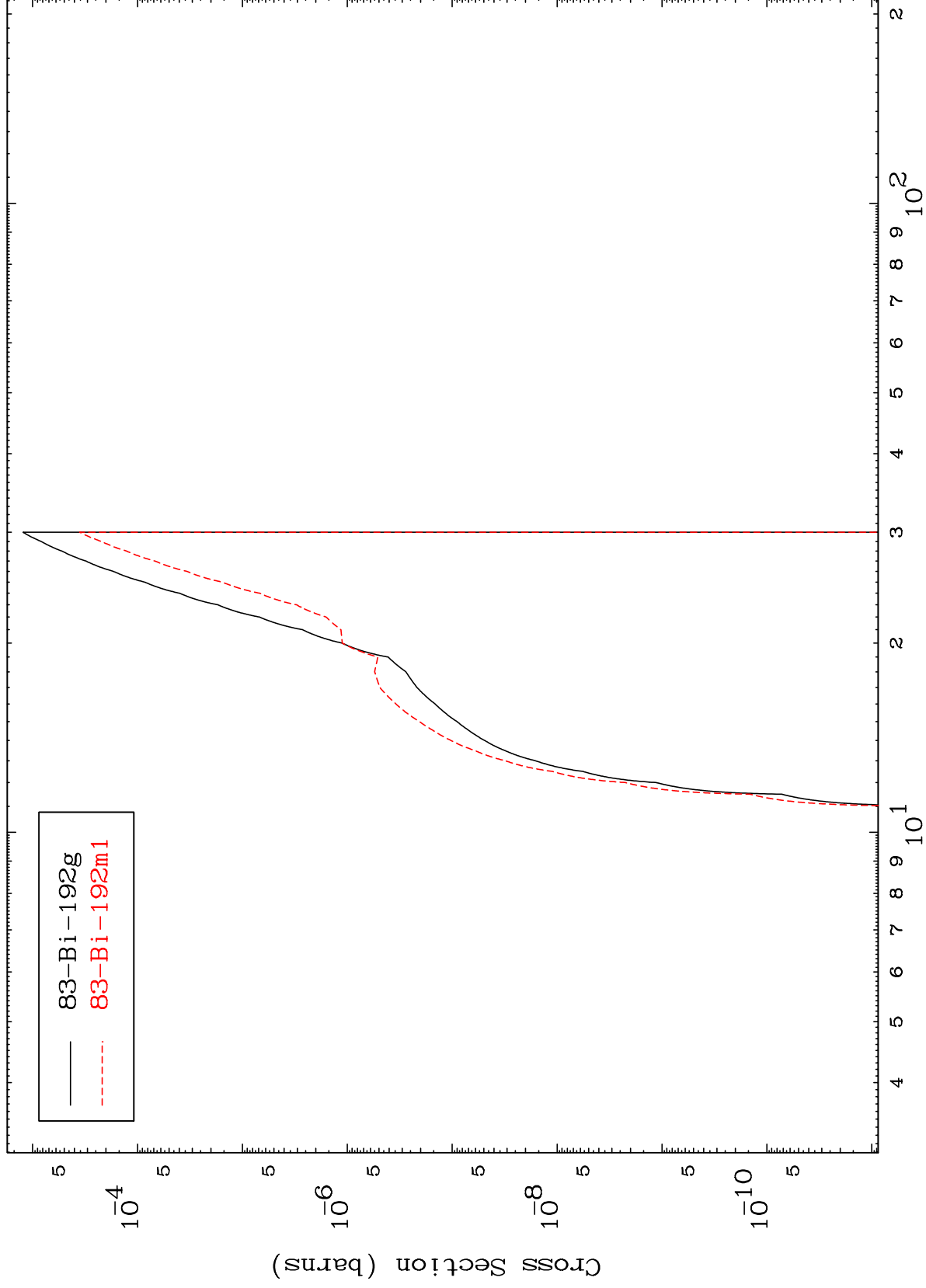


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(n,2n) α

85-At-197m

Radionuclide Production Cross Section

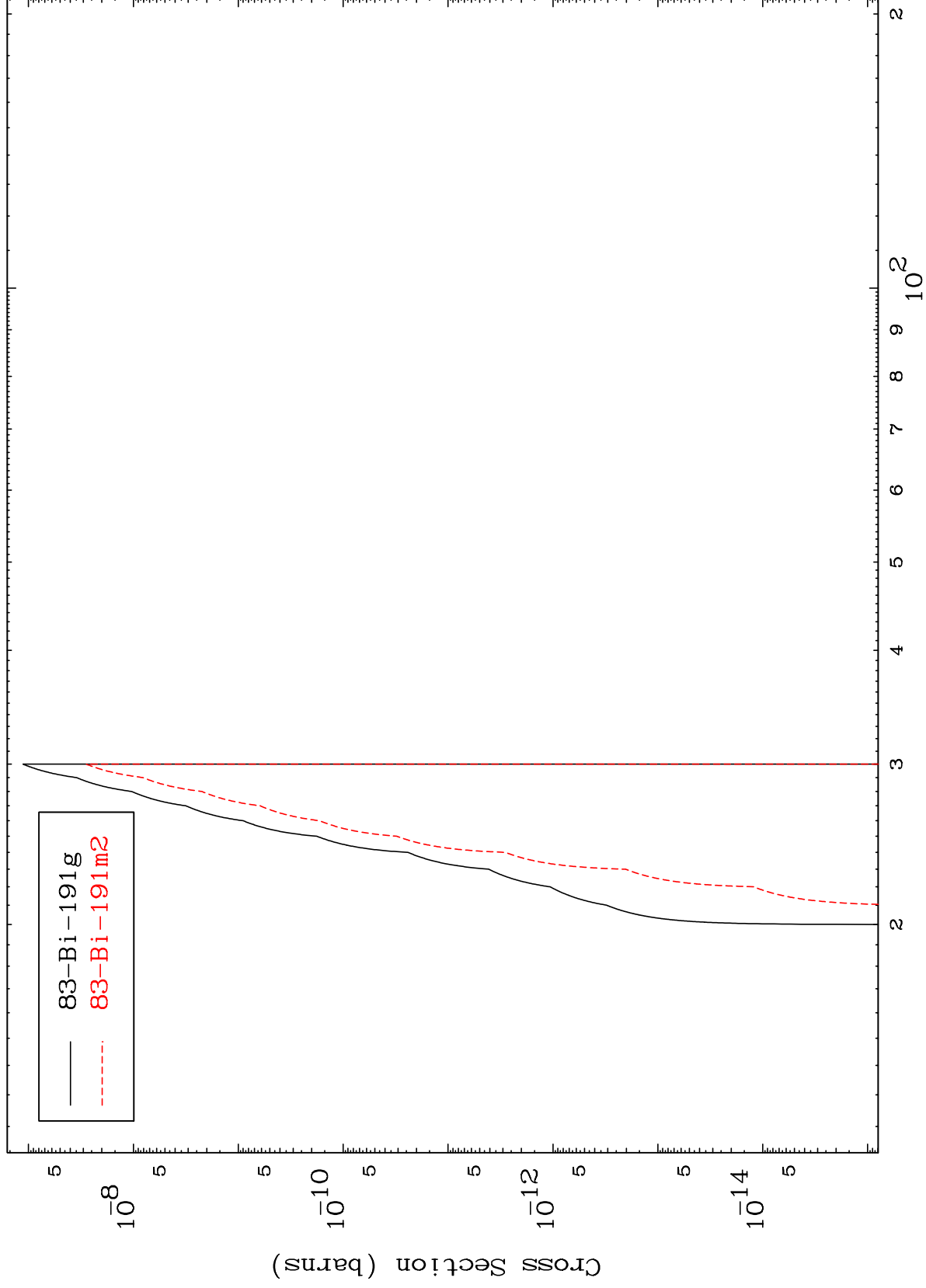


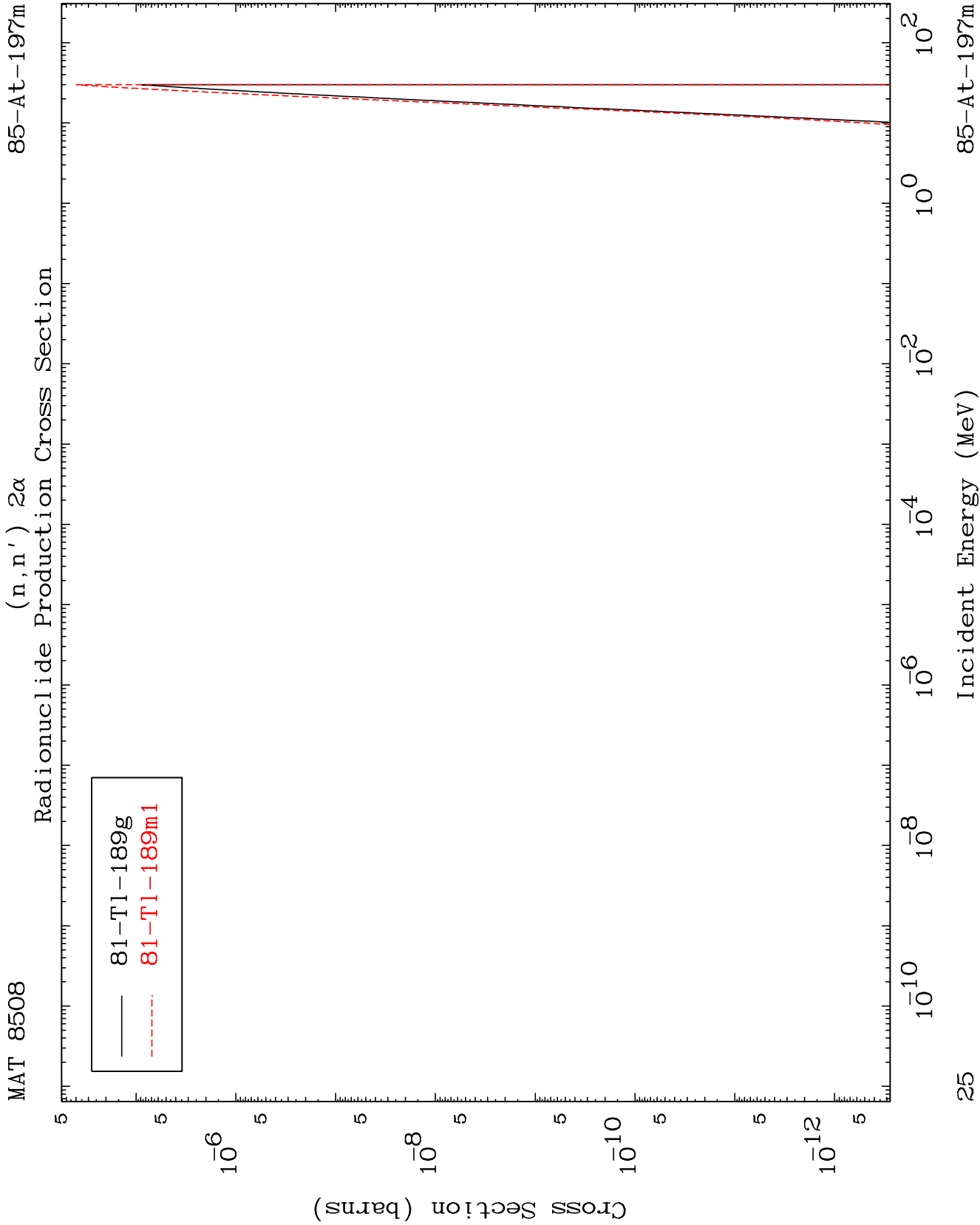
23

Incident Energy (MeV)

85-At-197m

Radionuclide Production Cross Section
(n,3n) α

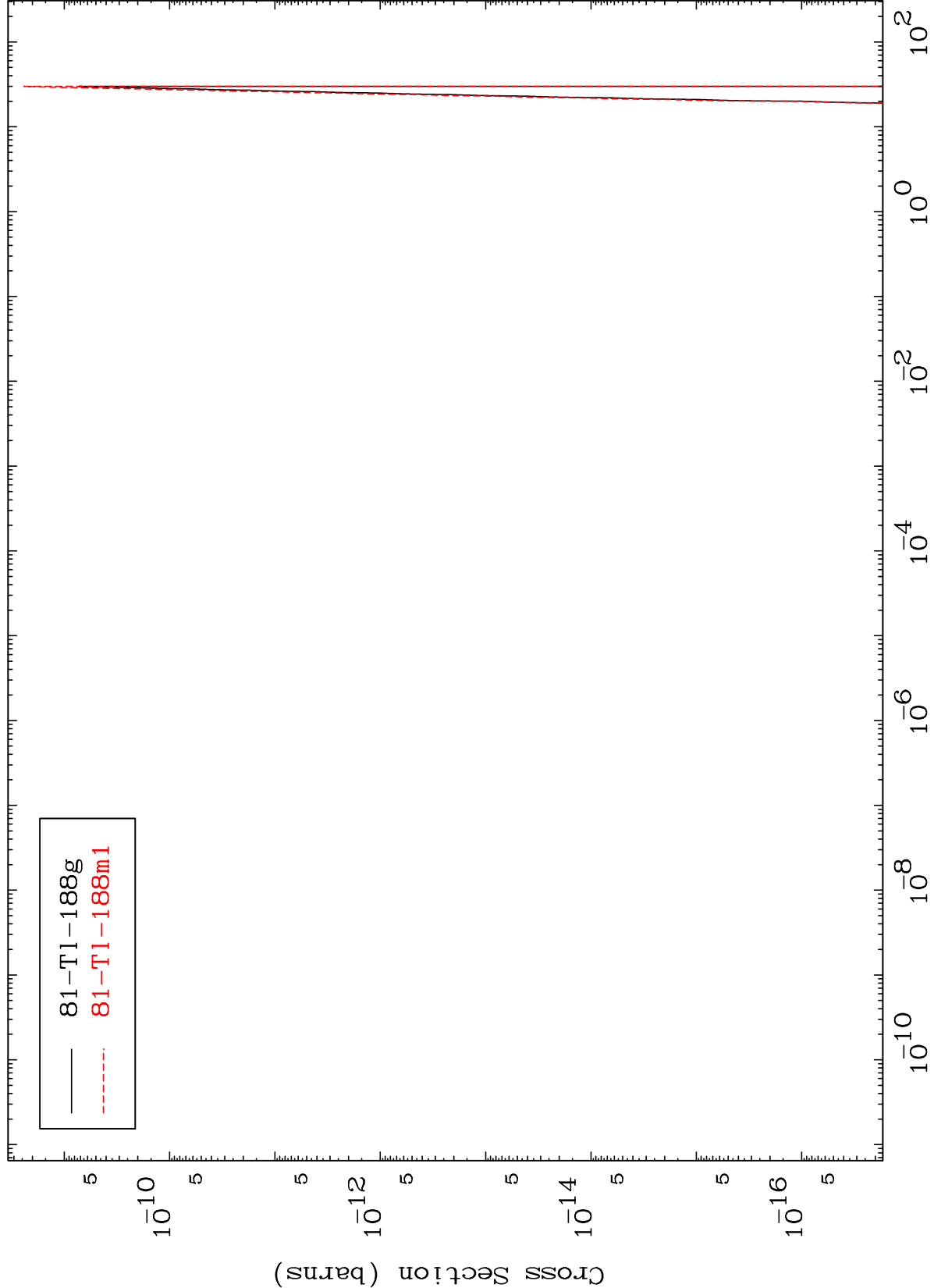




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(n,2n) 2α
Radionuclide Production Cross Section

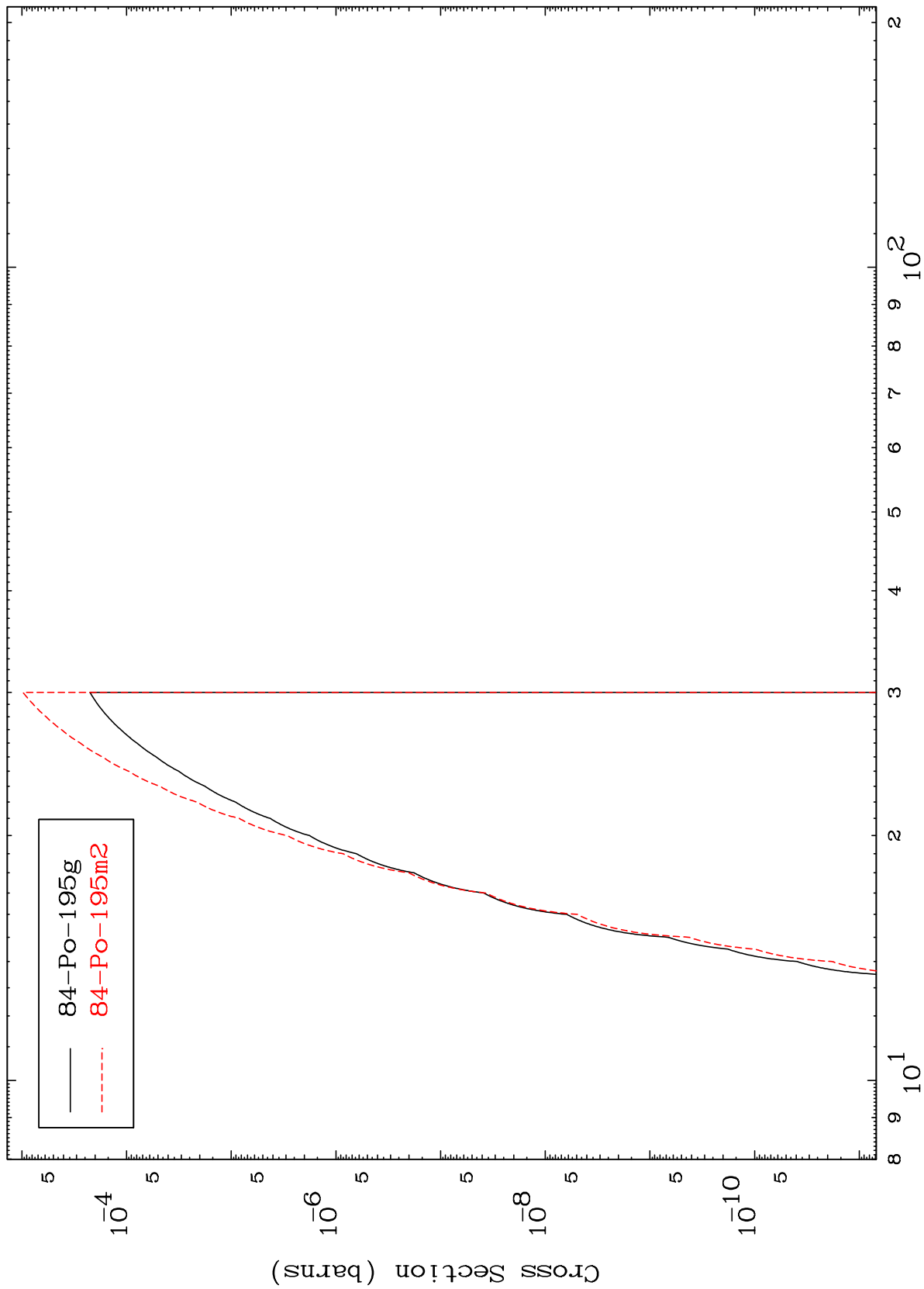
85-At-197m



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85-At-197m

Radionuclide Production Cross Section
(n,n') d

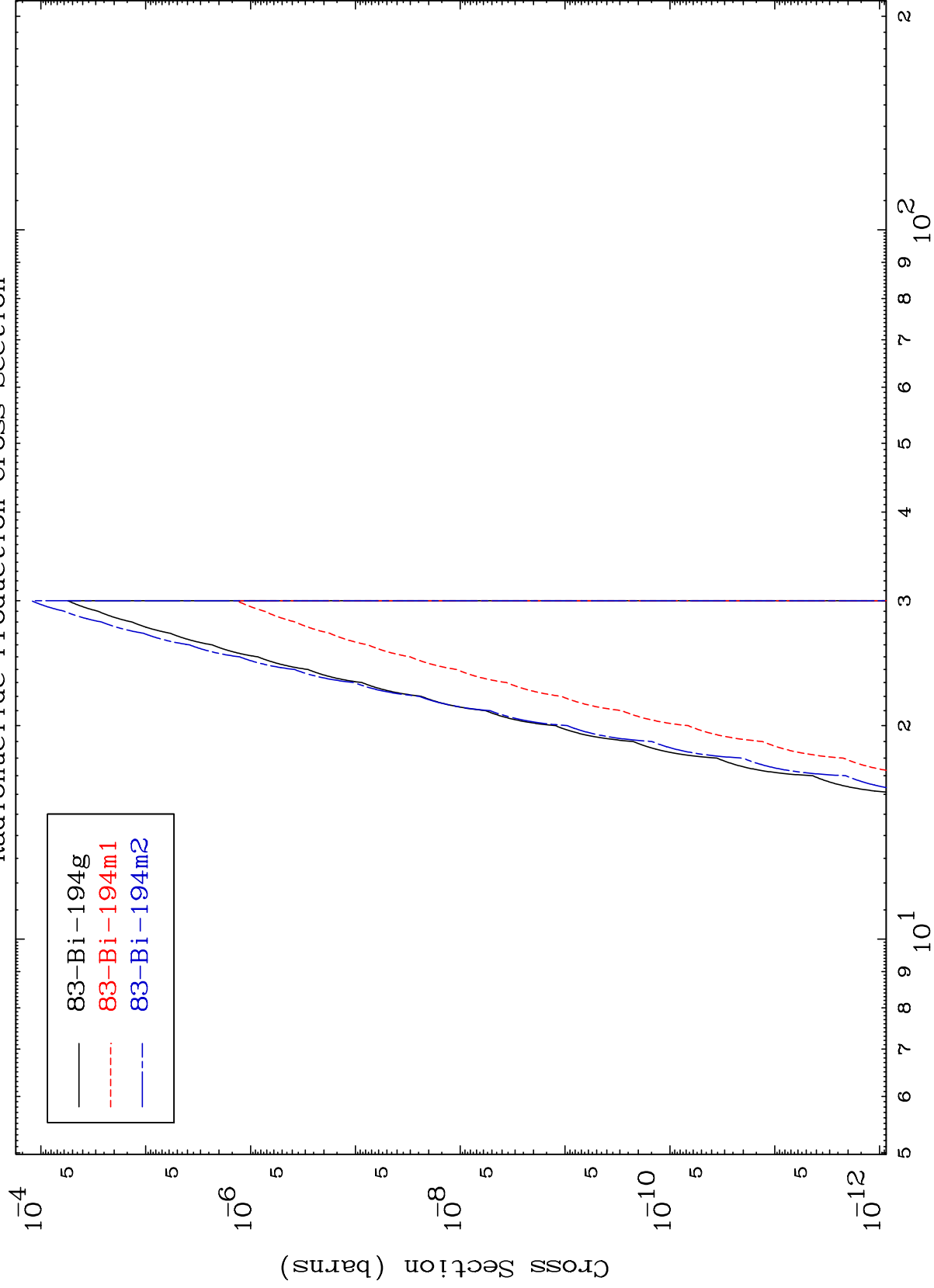


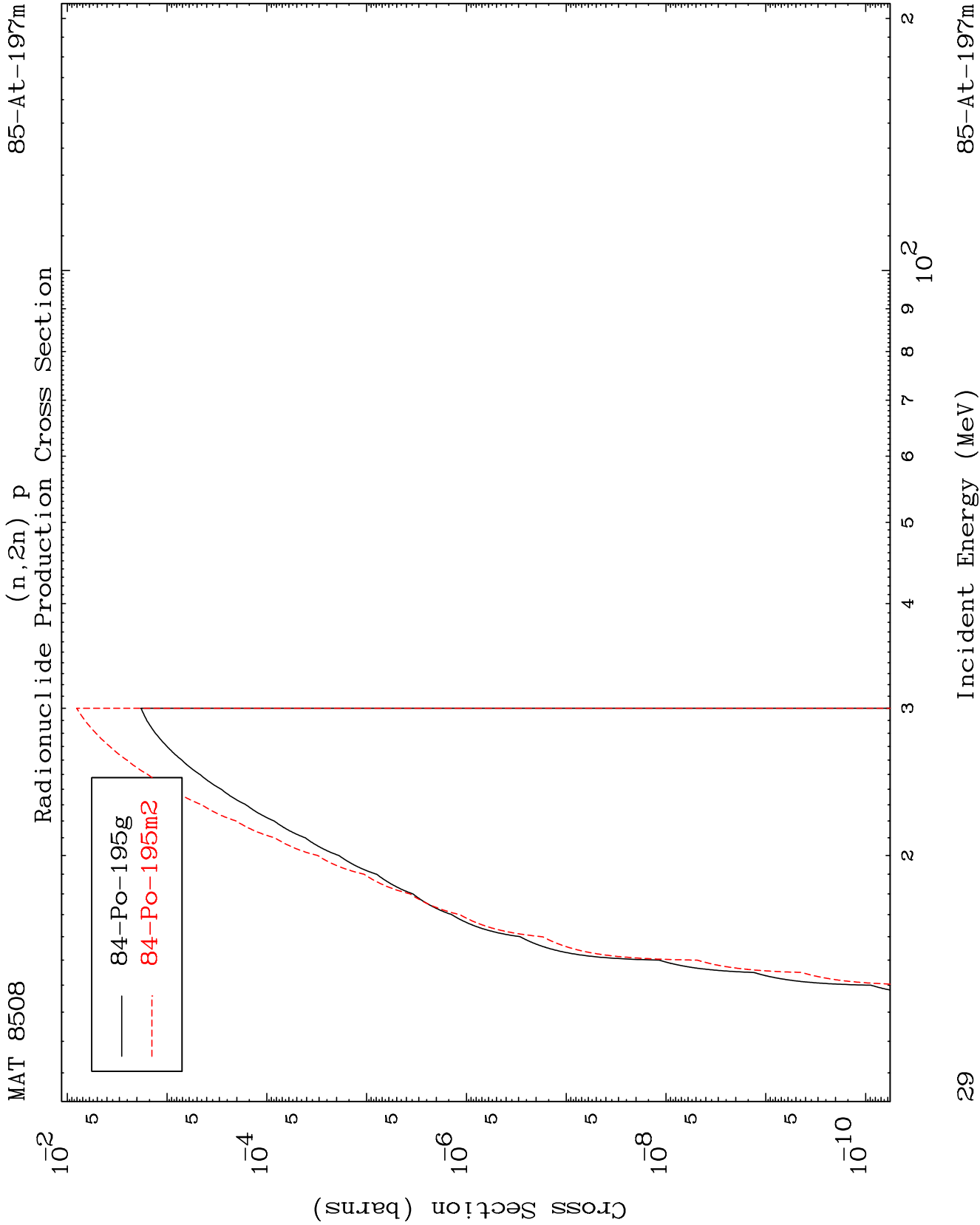
85-At-197m

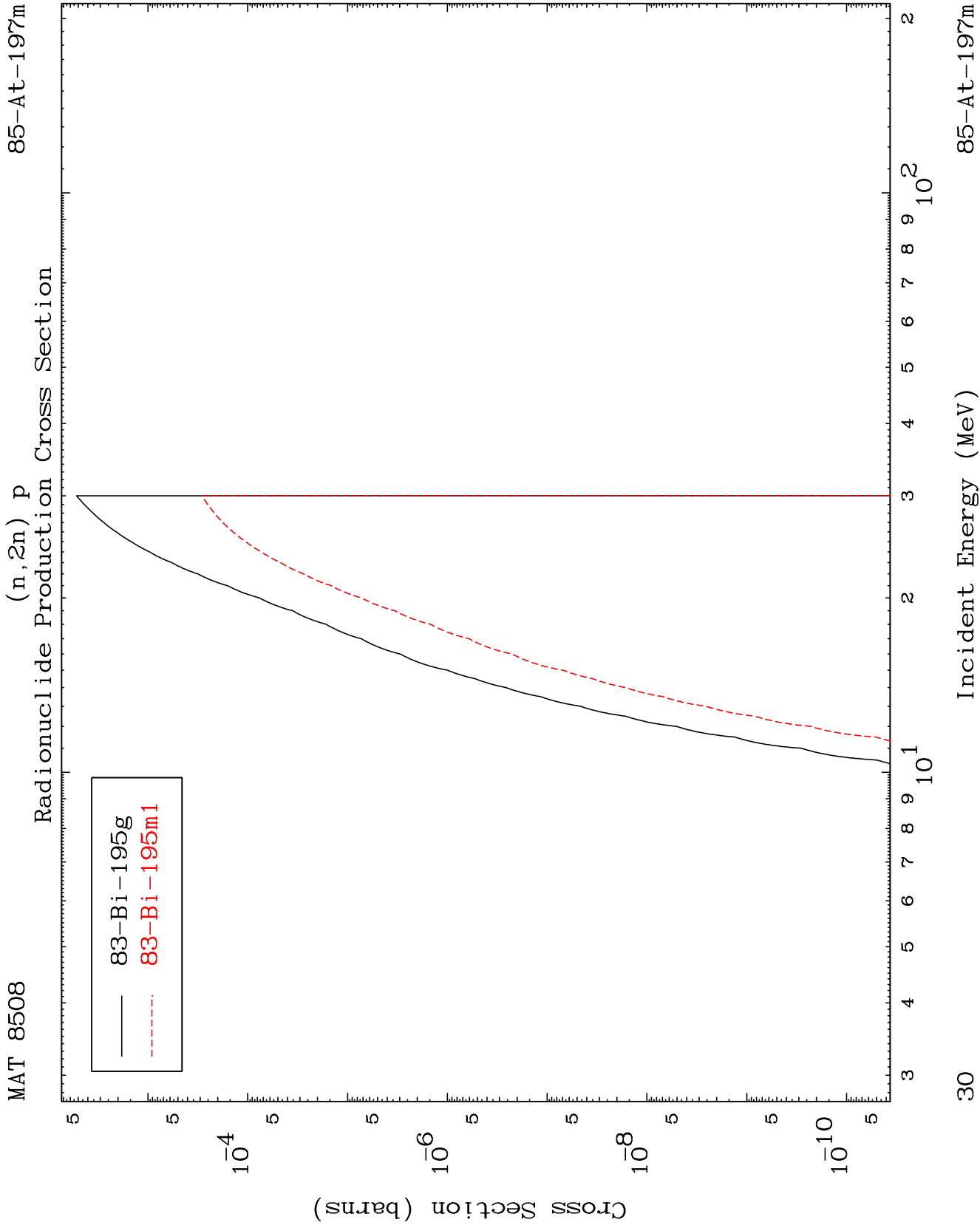
Incident Energy (MeV)

27

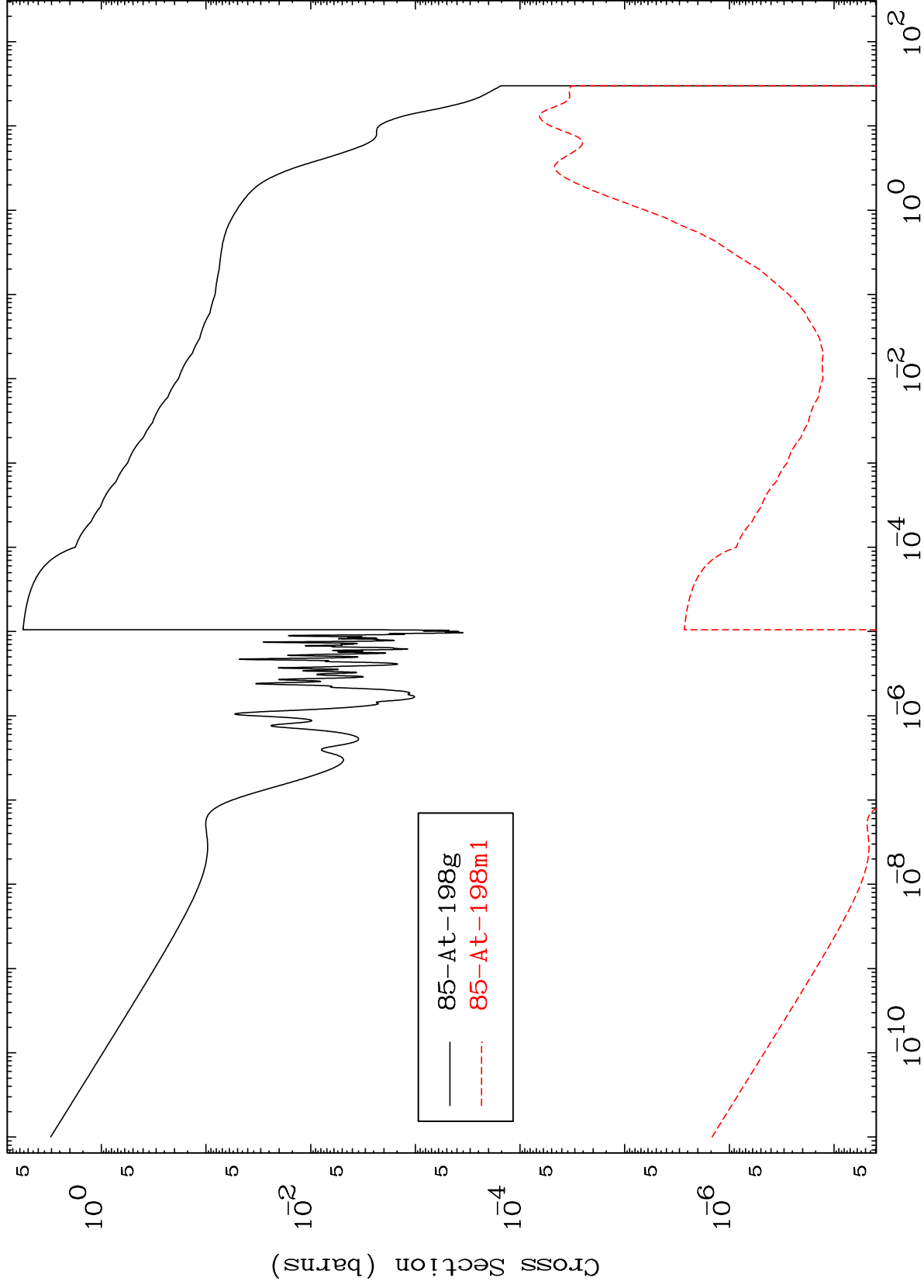
Radionuclide Production Cross Section







Radionuclide Production Cross Section

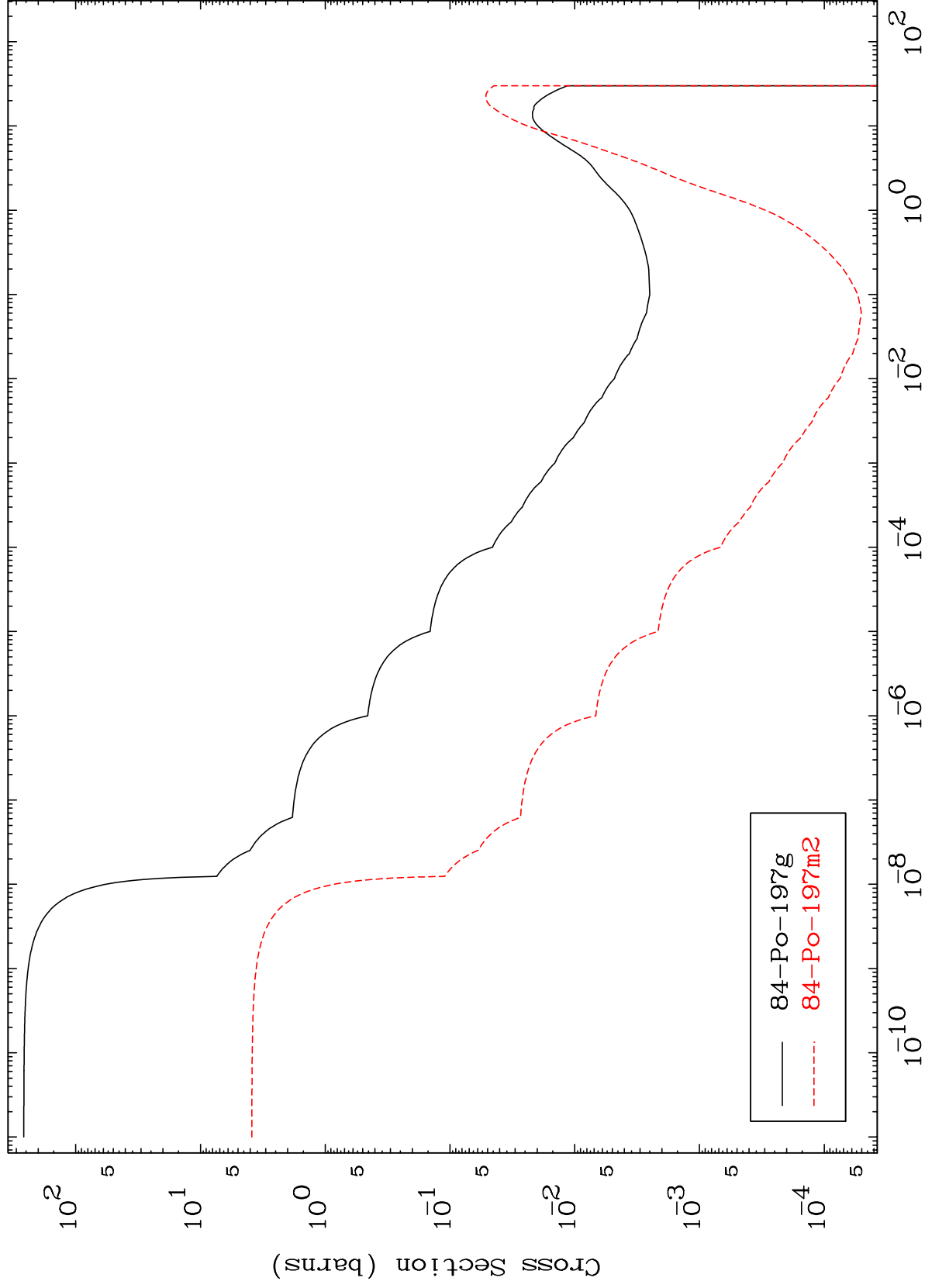


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85-At-197m

Radionuclide Production Cross Section

(n,p)



32

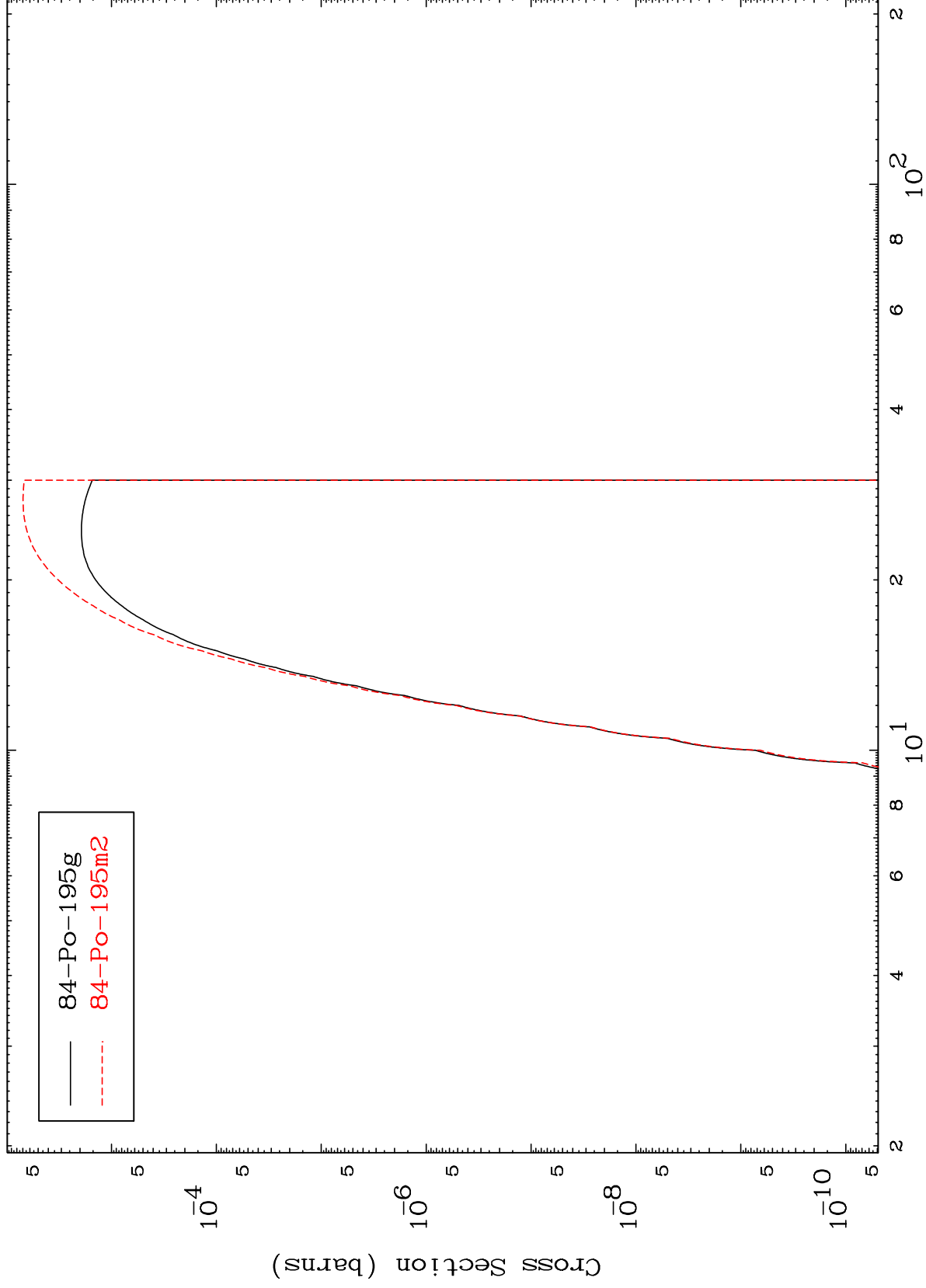
Incident Energy (MeV)

85-At-197m

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85-At-197m

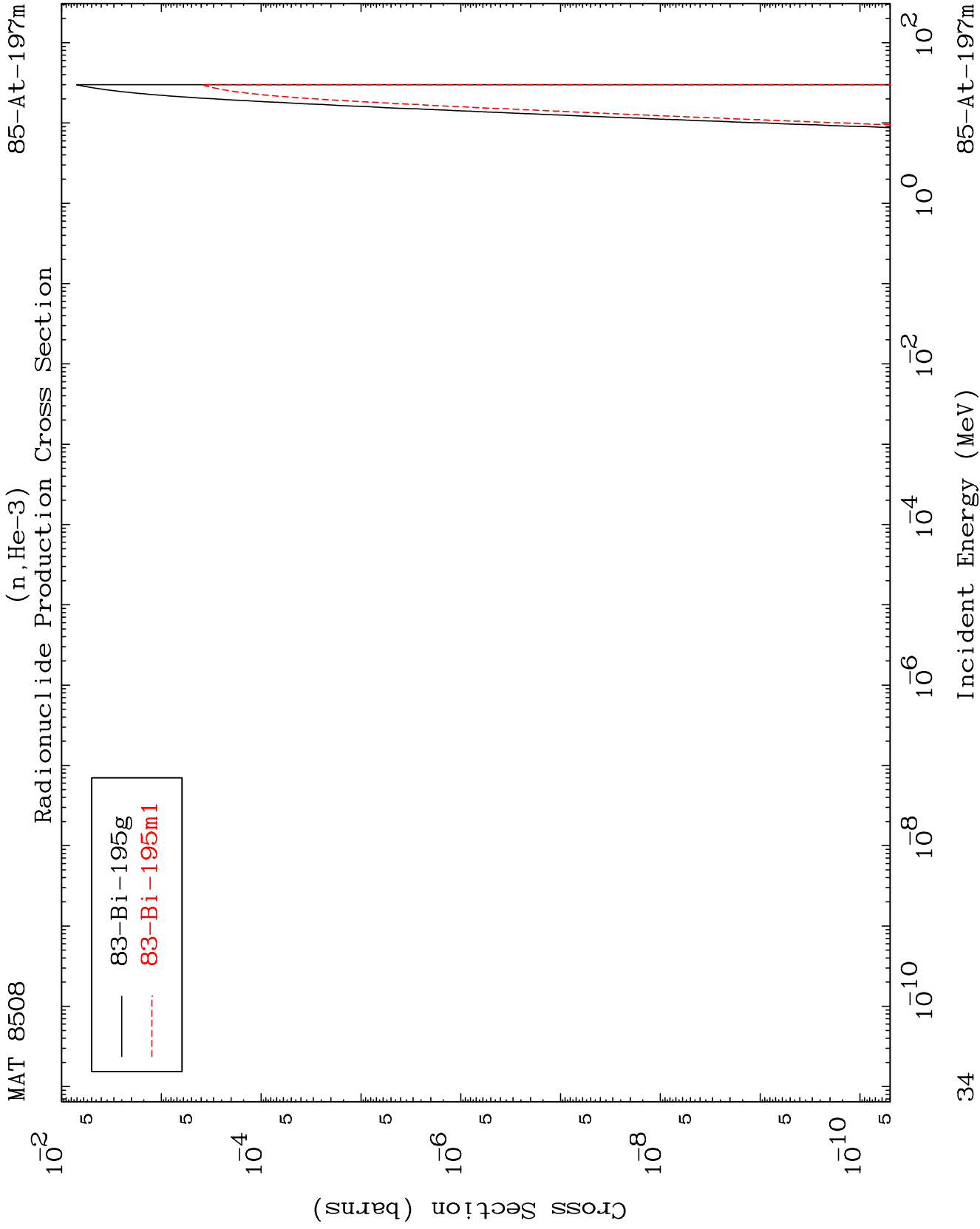
Radionuclide Production Cross Section



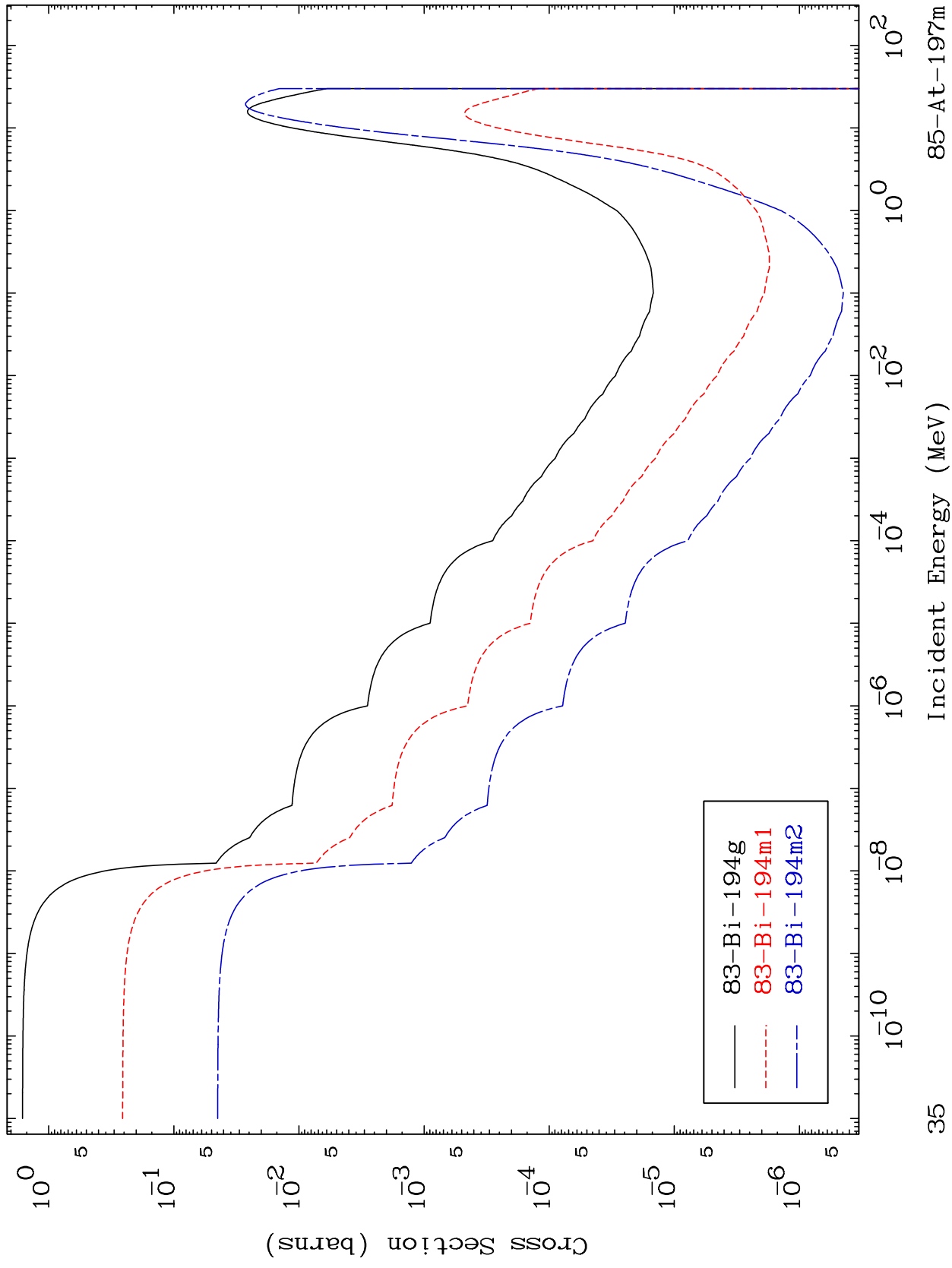
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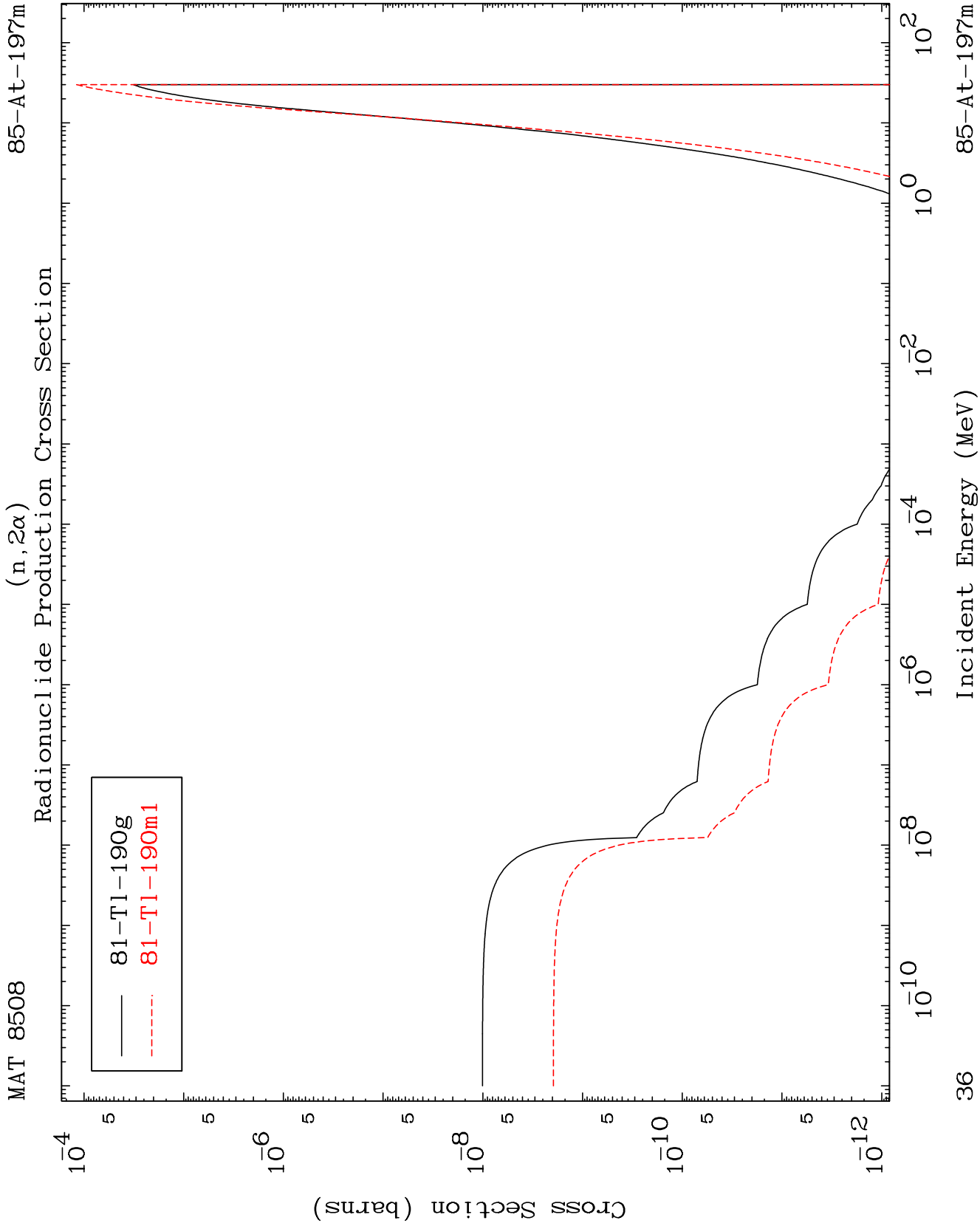
Incident Energy (MeV)

85-At-197m



Radionuclide Production Cross Section

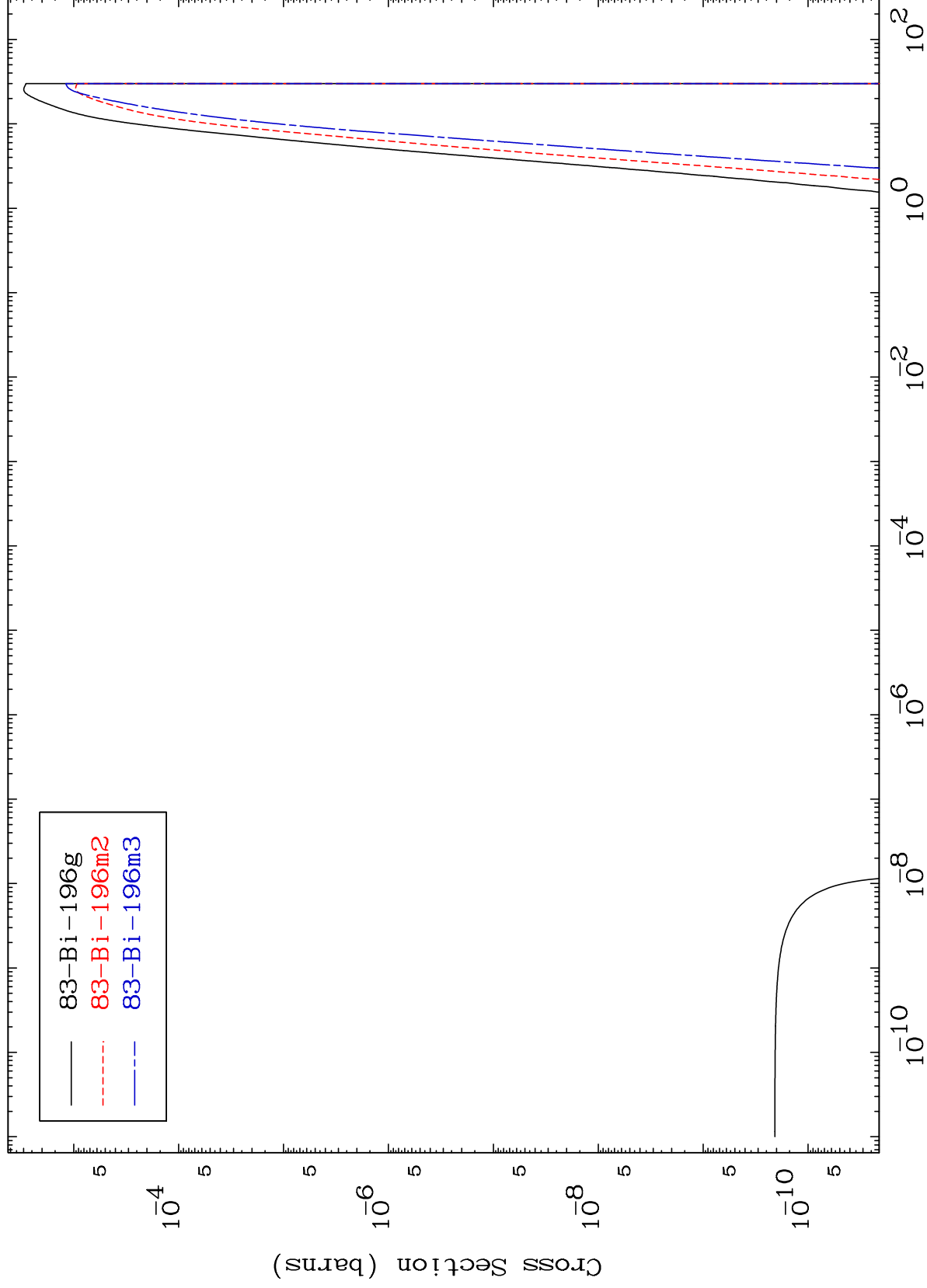




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Radionuclide Production Cross Section
(n,2p)

85-At-197m



37

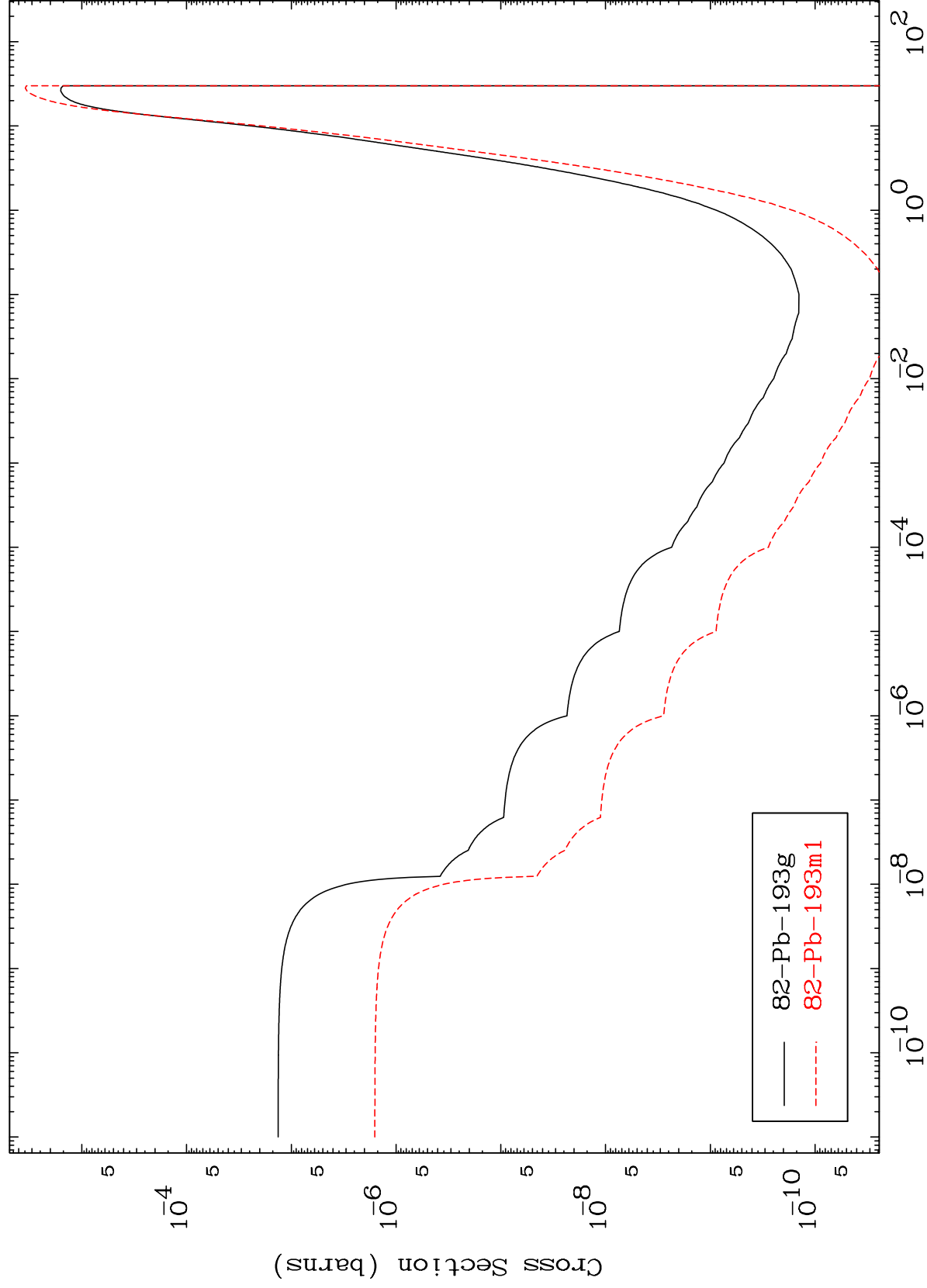
Incident Energy (MeV)

85-At-197m

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85-At-197m

(n,p) α
Radionuclide Production Cross Section



38

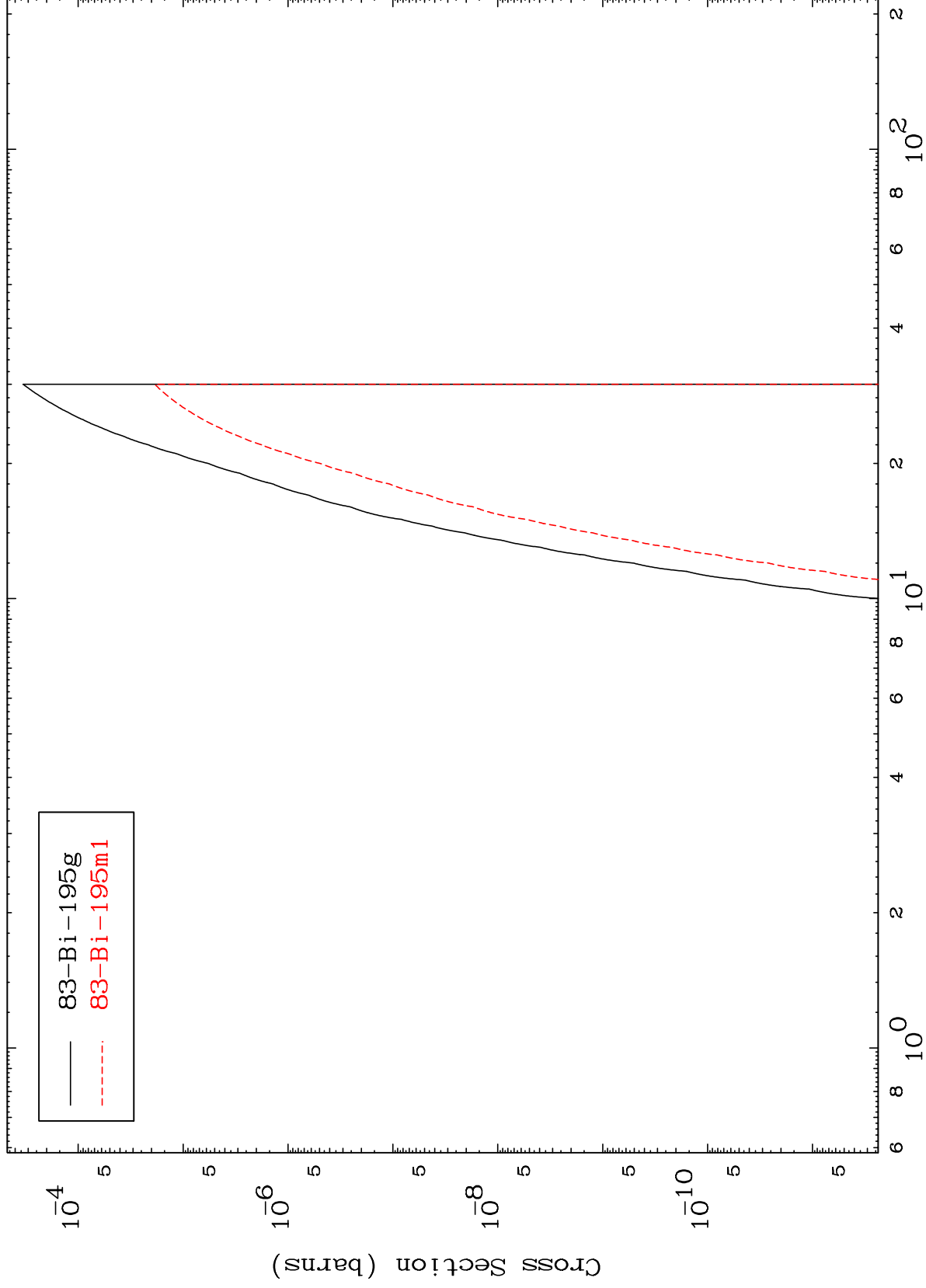
85-At-197m

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(n,p) d

85-At-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

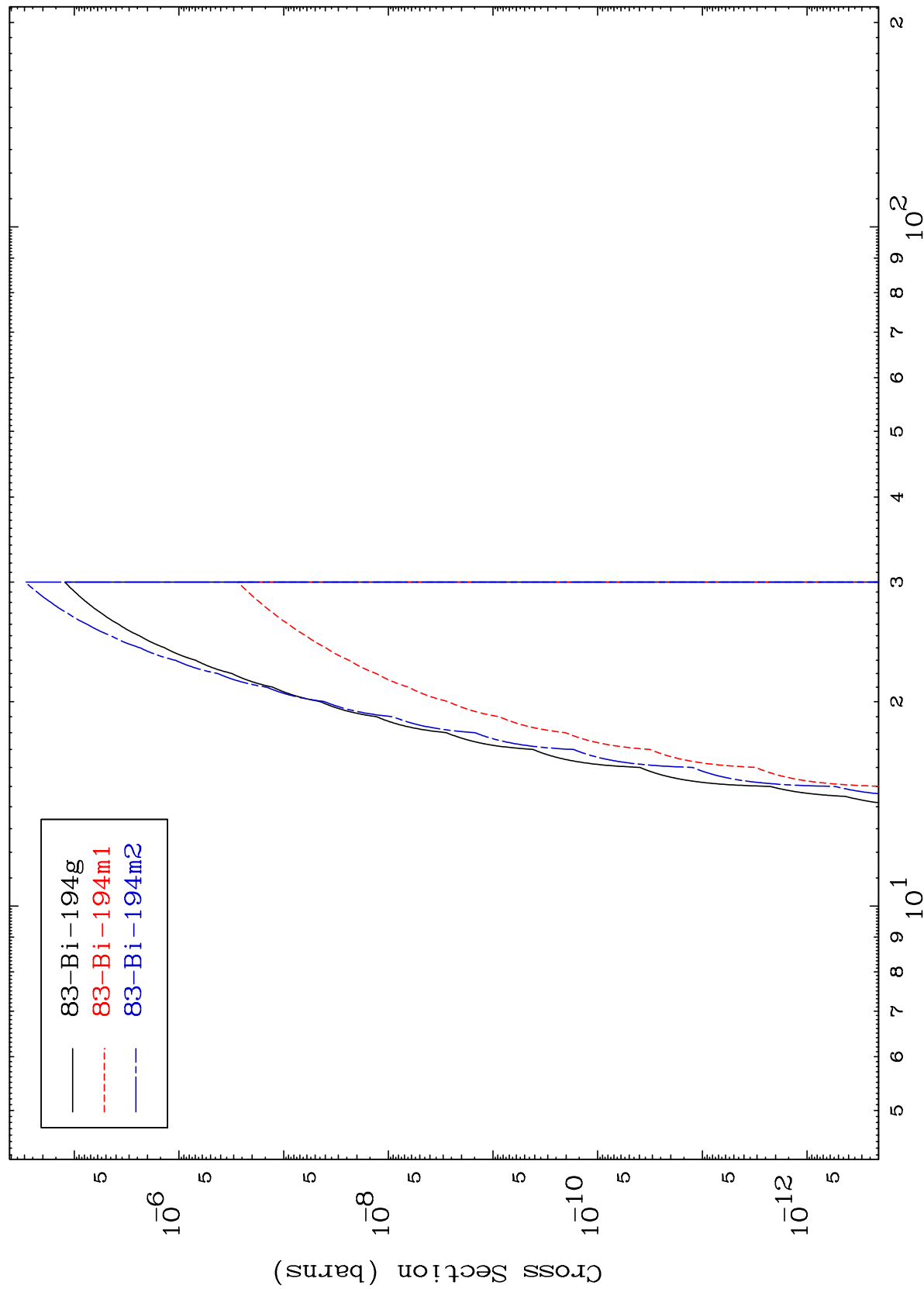
85-At-197m

39

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85-At-197m

(n,p) t
Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-197m

40