

Program EVALPLOT
(Version 2021-1)

by

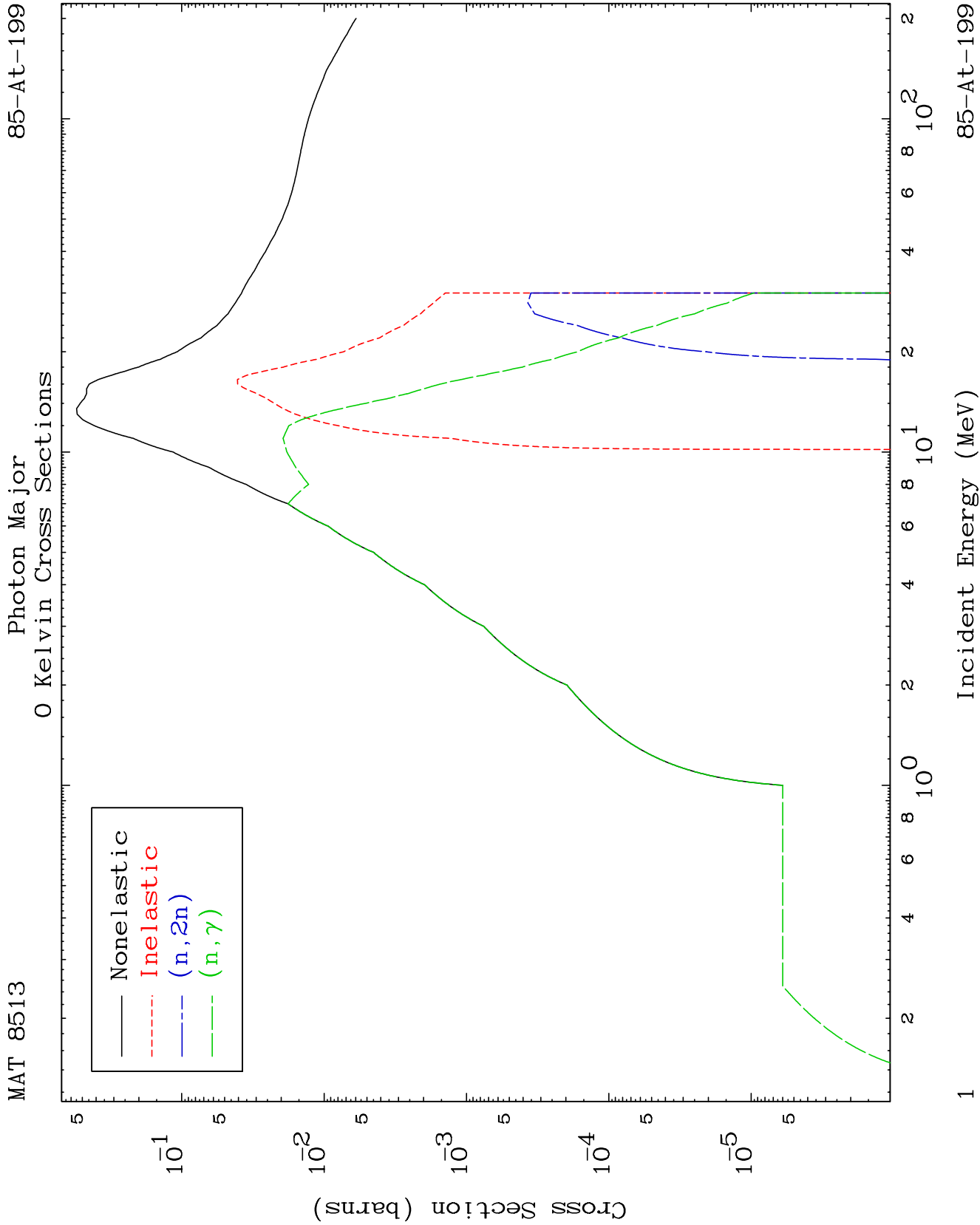
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail: redcullen1@comcast.net
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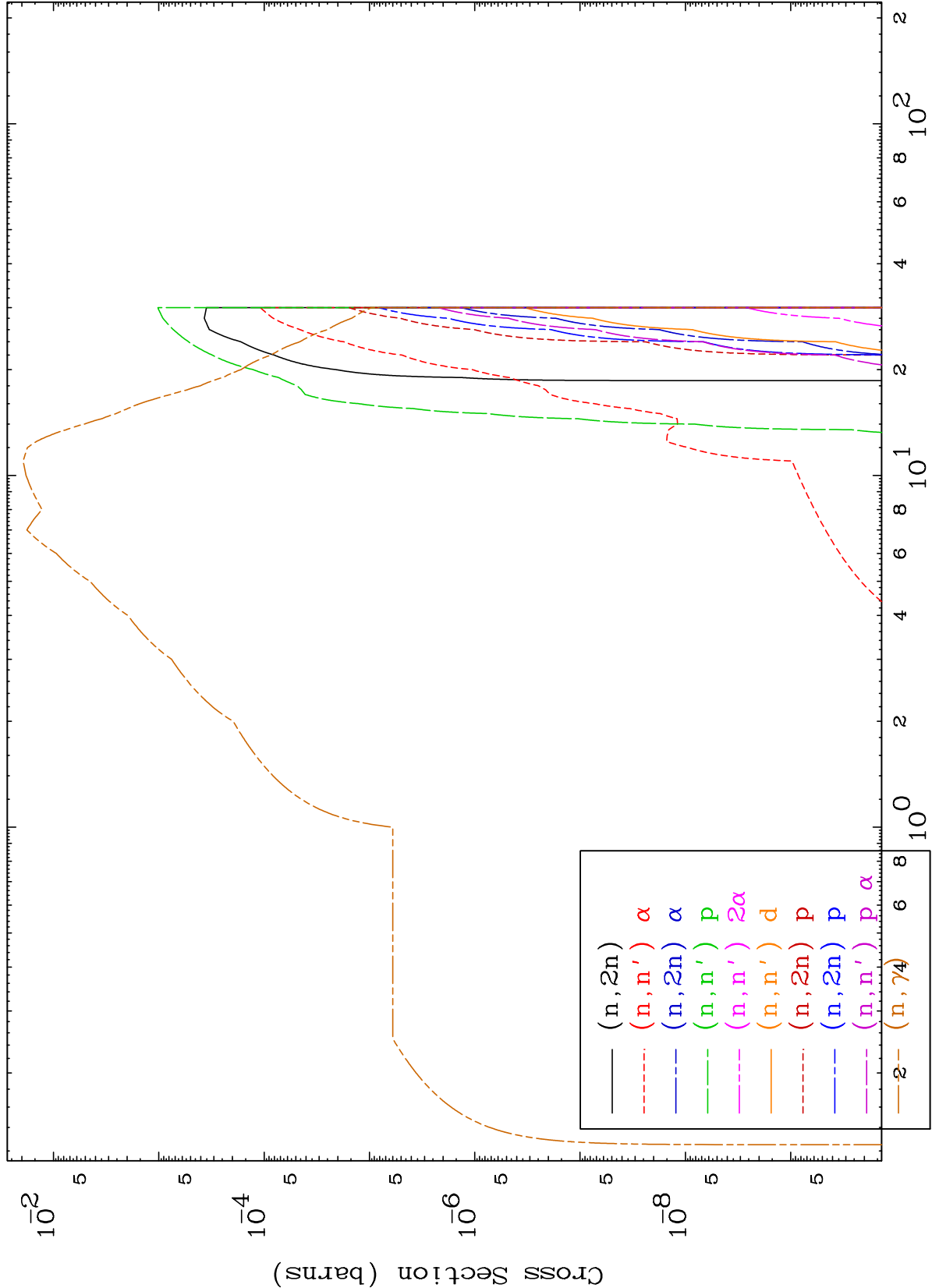
Press Mouse Button to Start

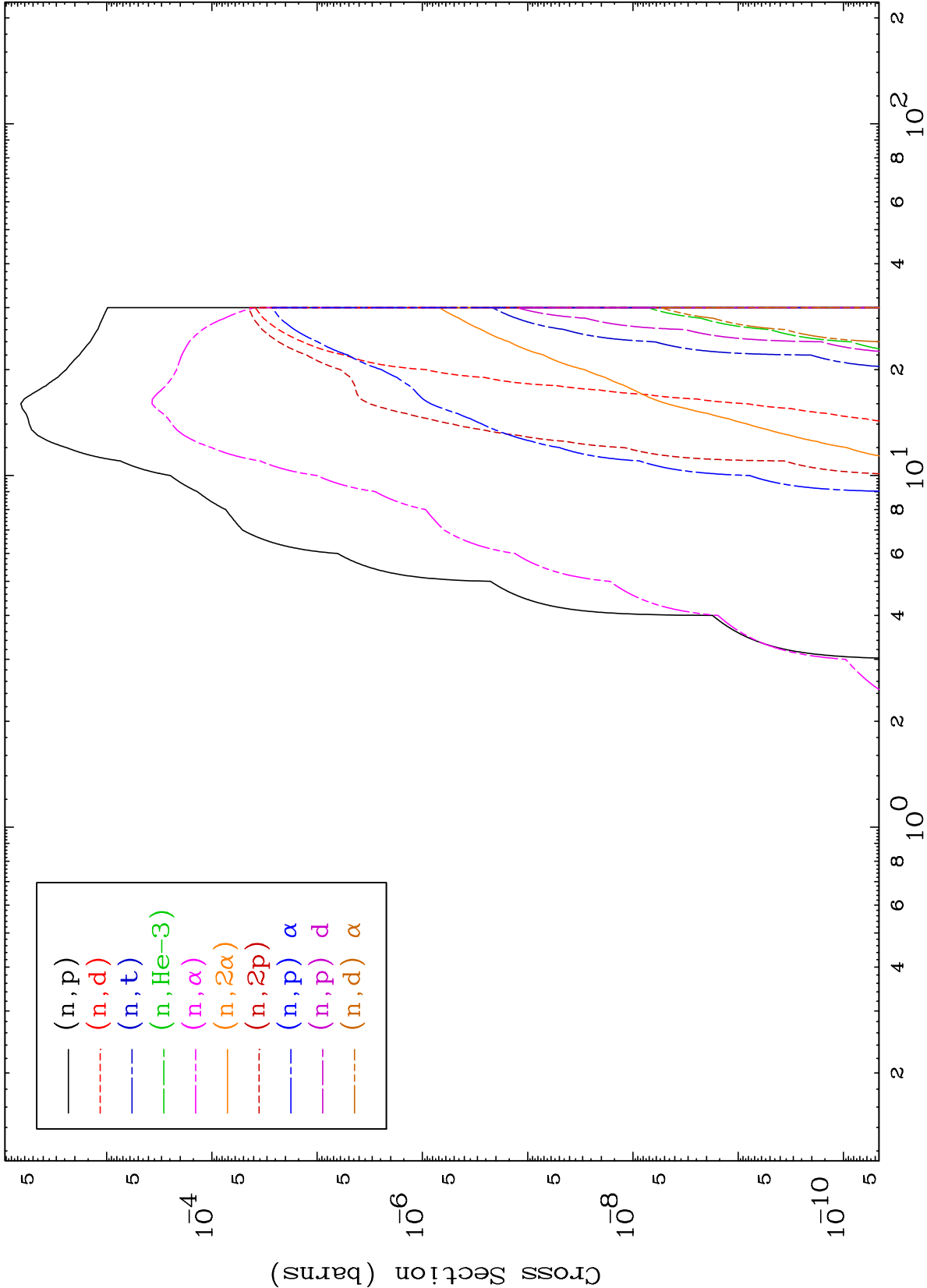


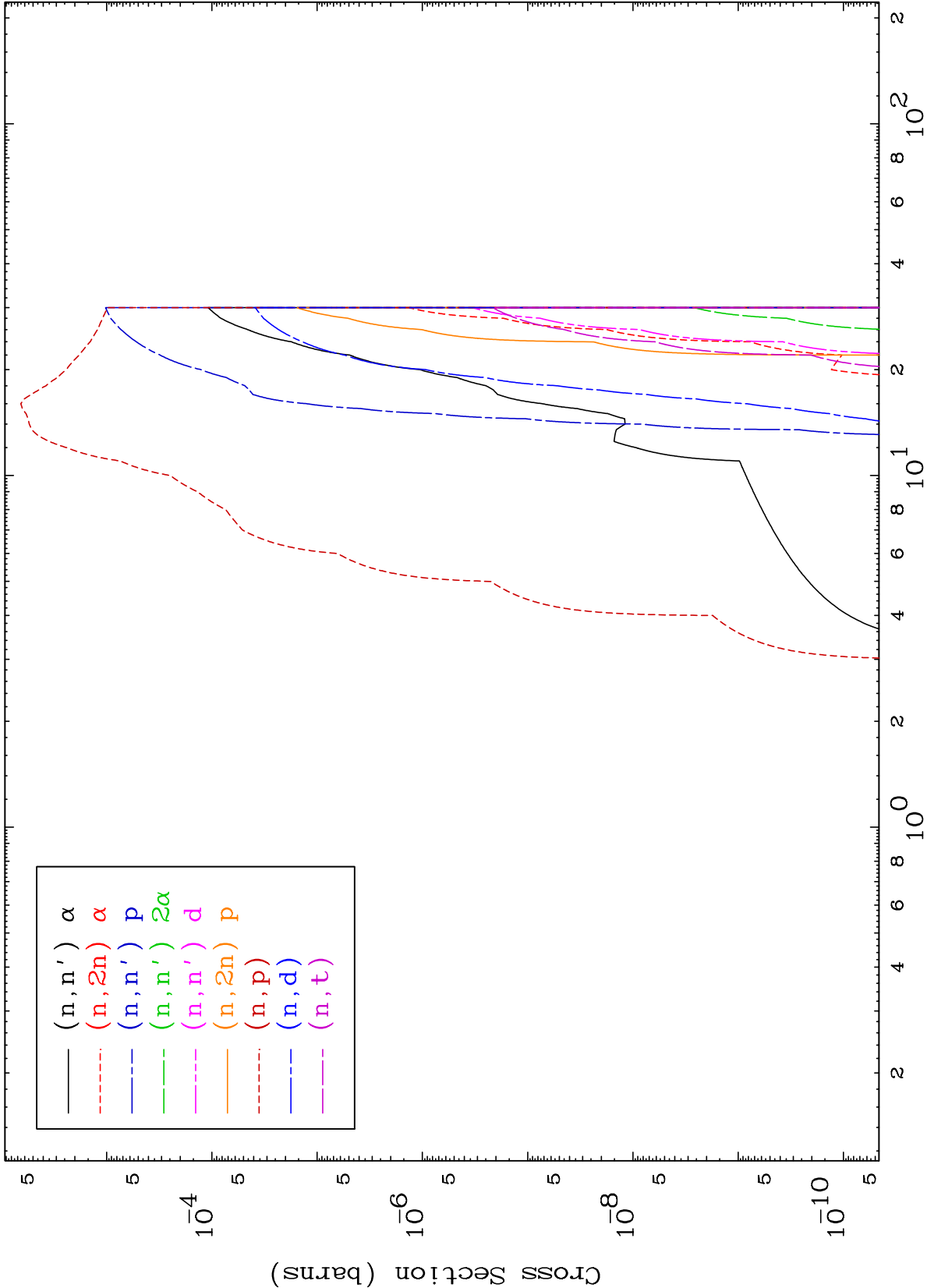
MAT 8513

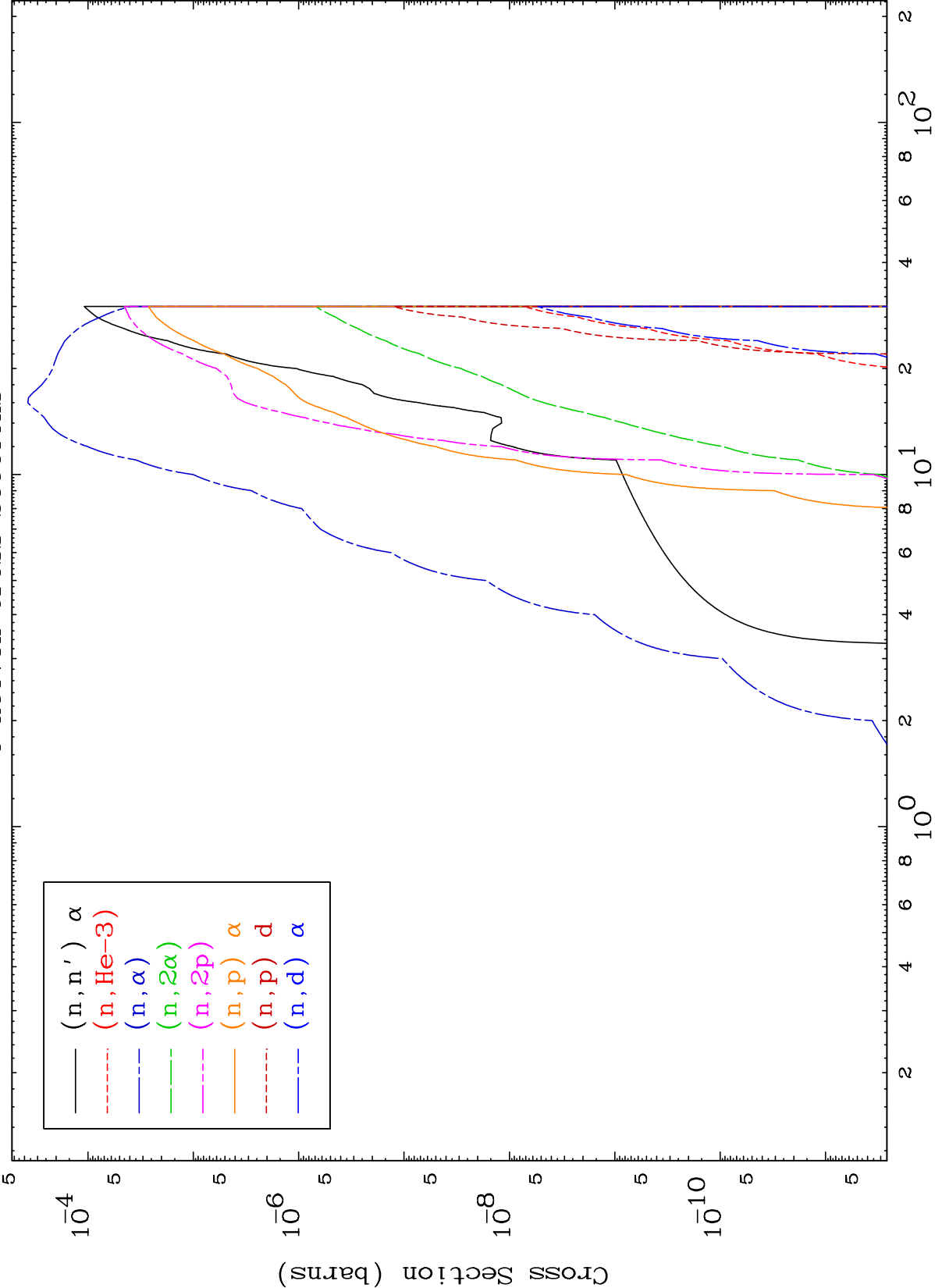
Photon Neutron Absorption
0 Kelvin Cross Sections

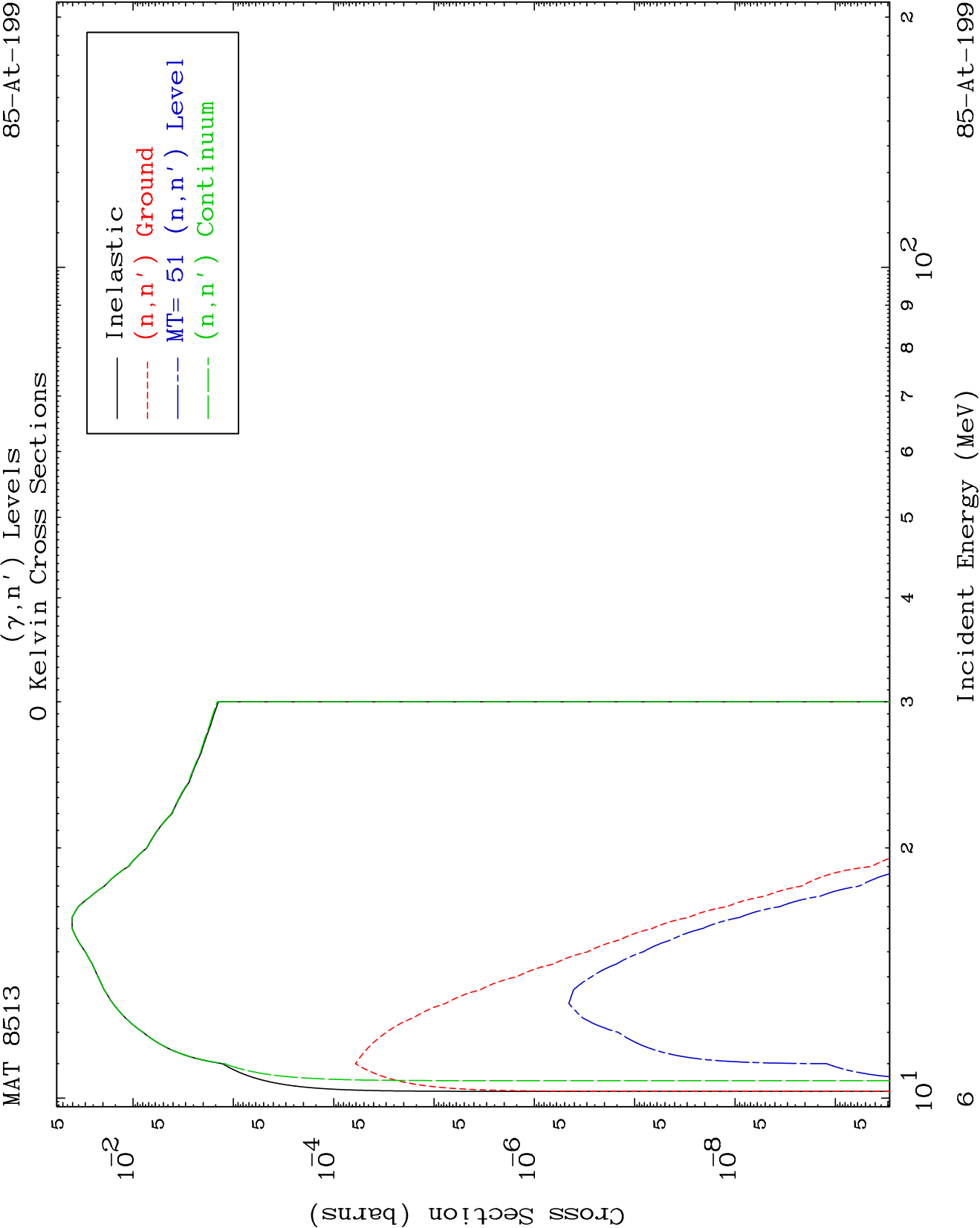
85-At-199







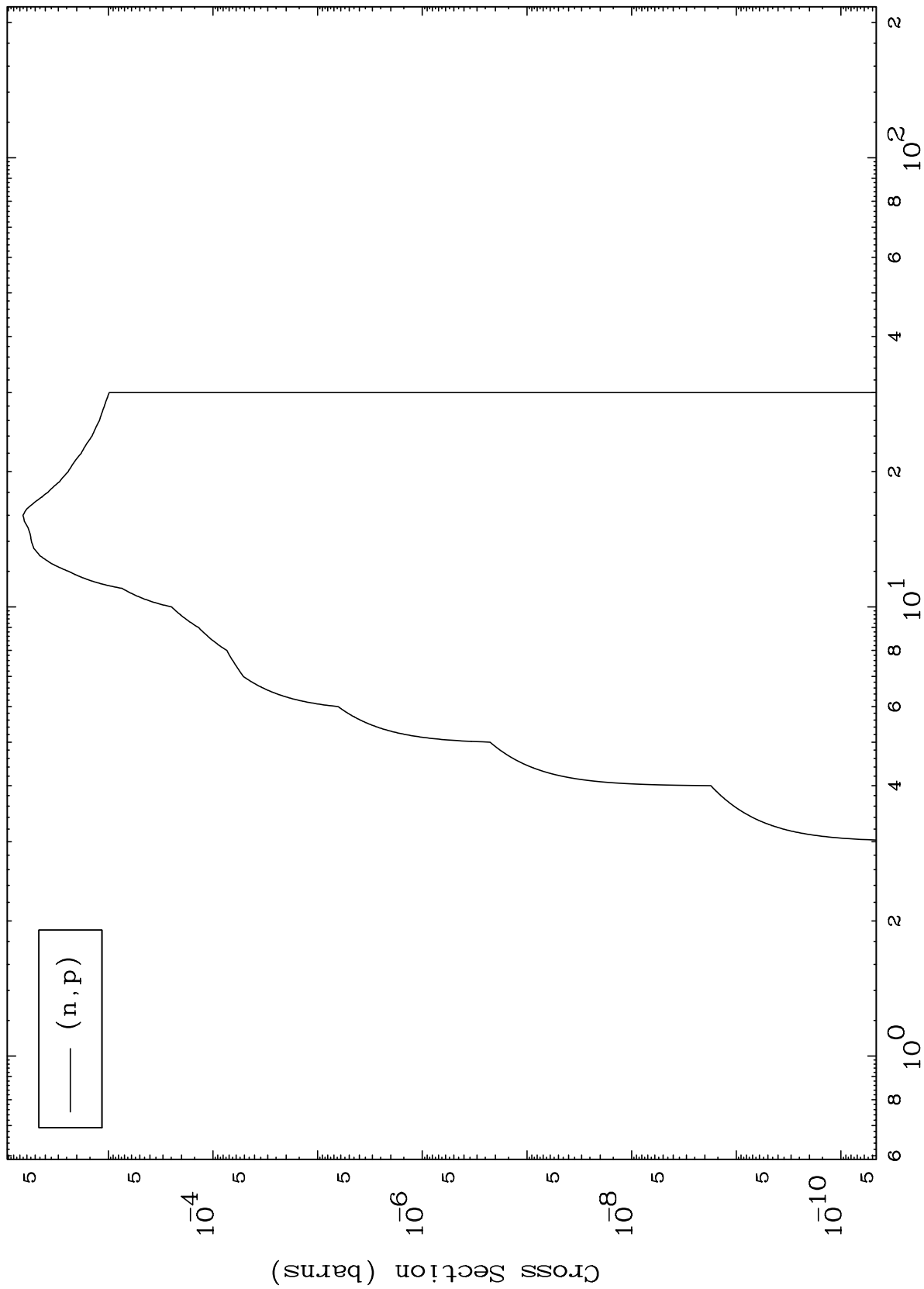




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85-At-199

(γ, p) Levels
0 Kelvin Cross Sections



85-At-199

Incident Energy (MeV)

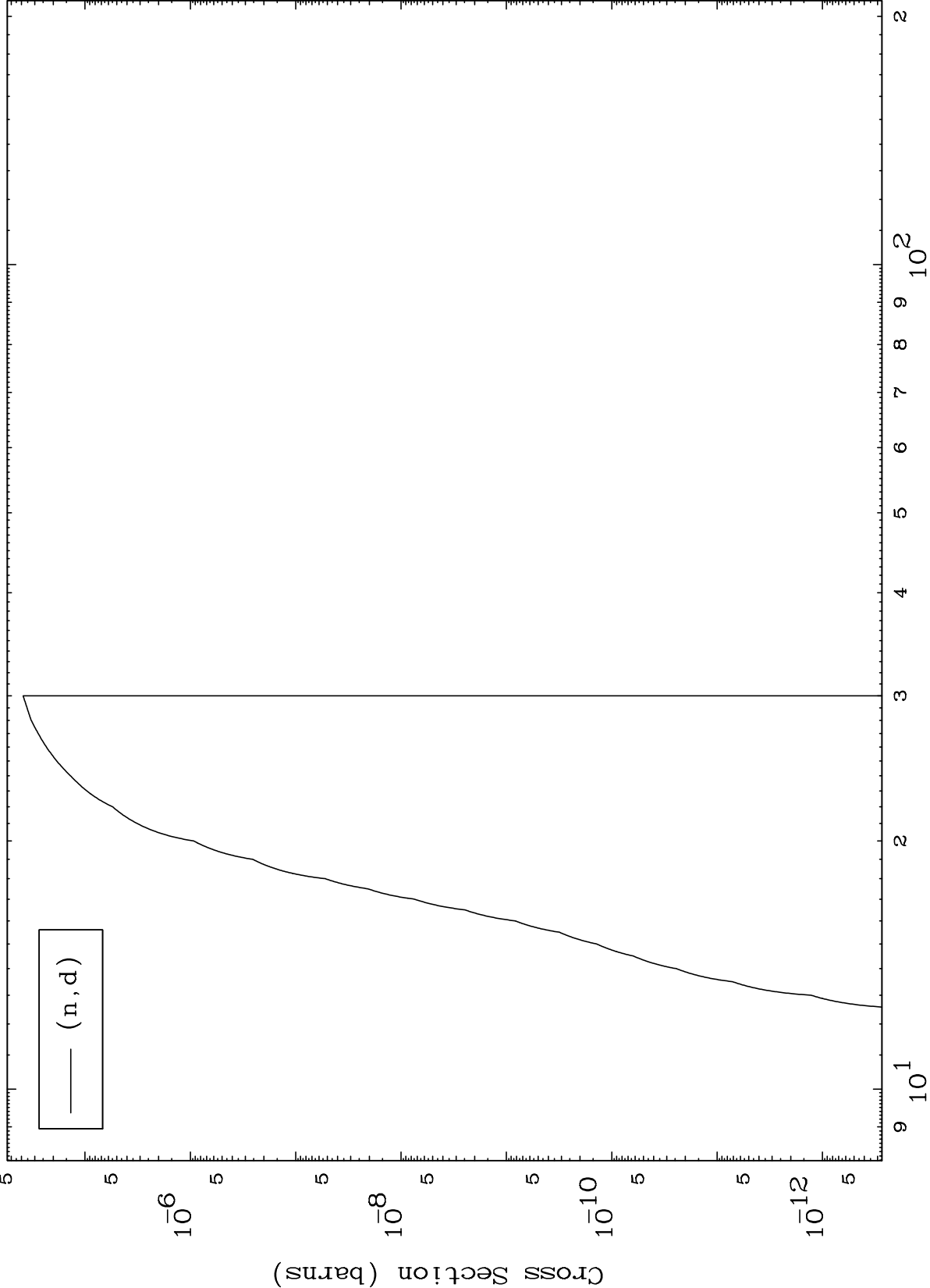
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(γ ,d) Levels

85-At-199

0 Kelvin Cross Sections



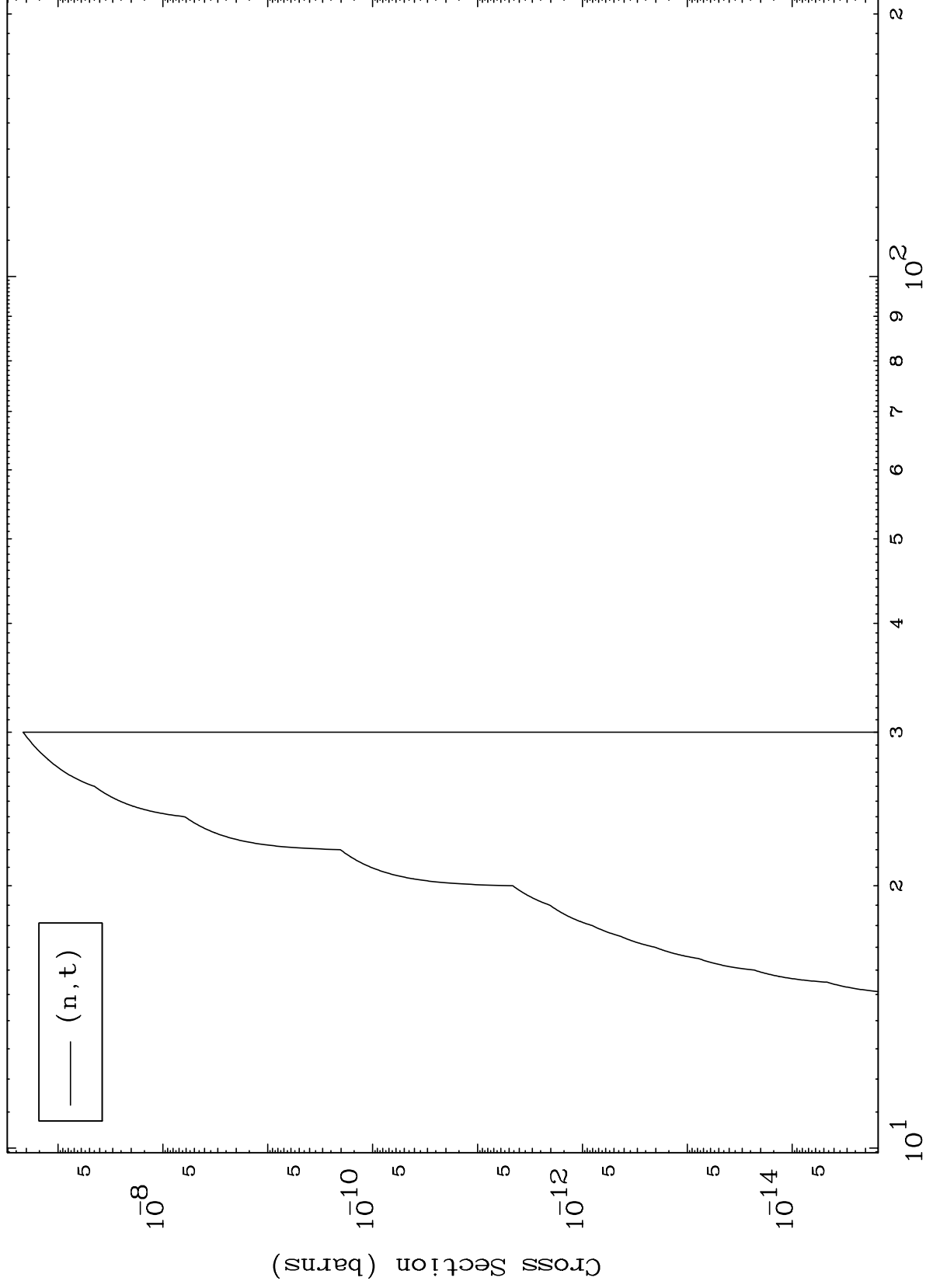
Incident Energy (MeV)

85-At-199

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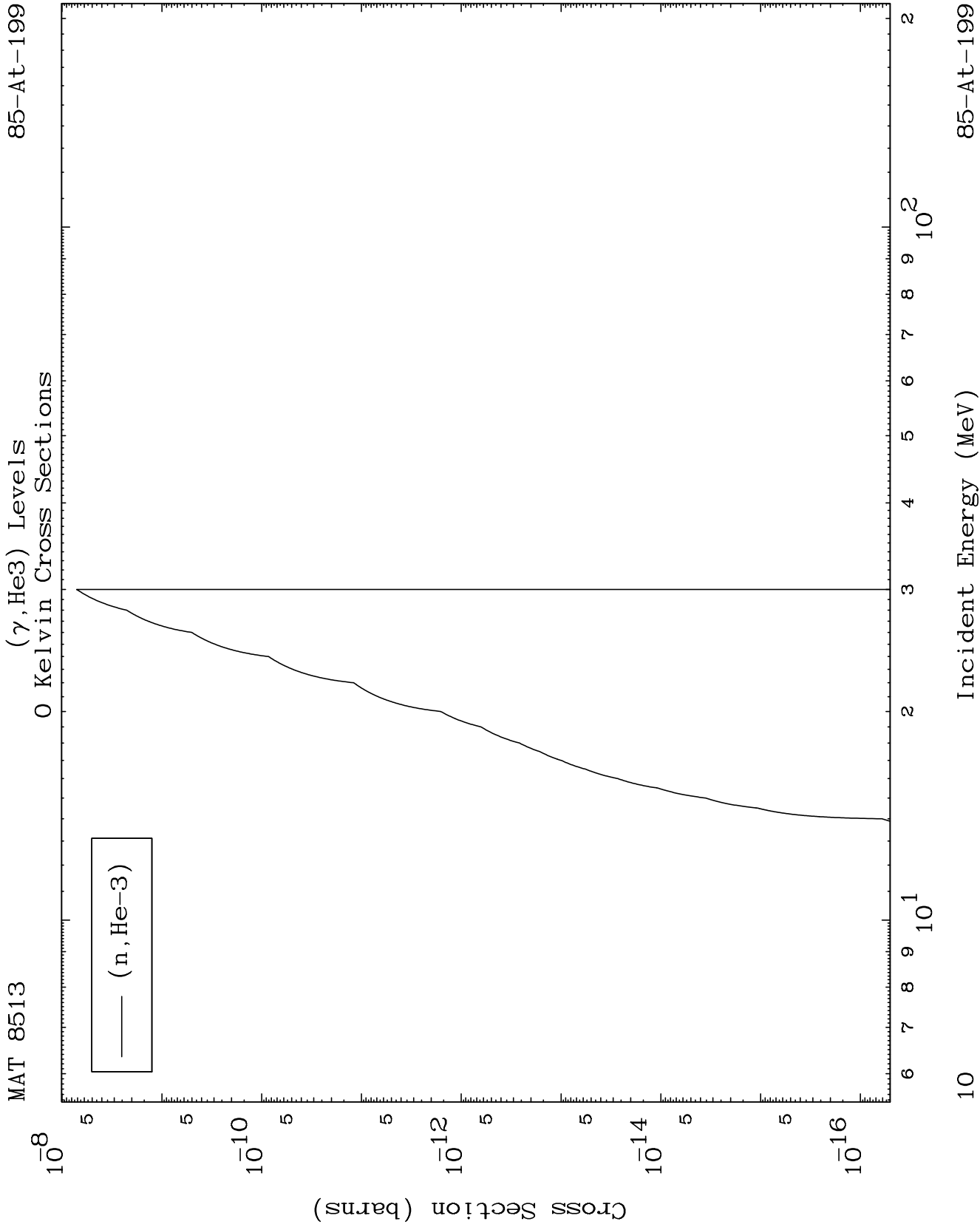
85-At-199

(γ, t) Levels
0 Kelvin Cross Sections

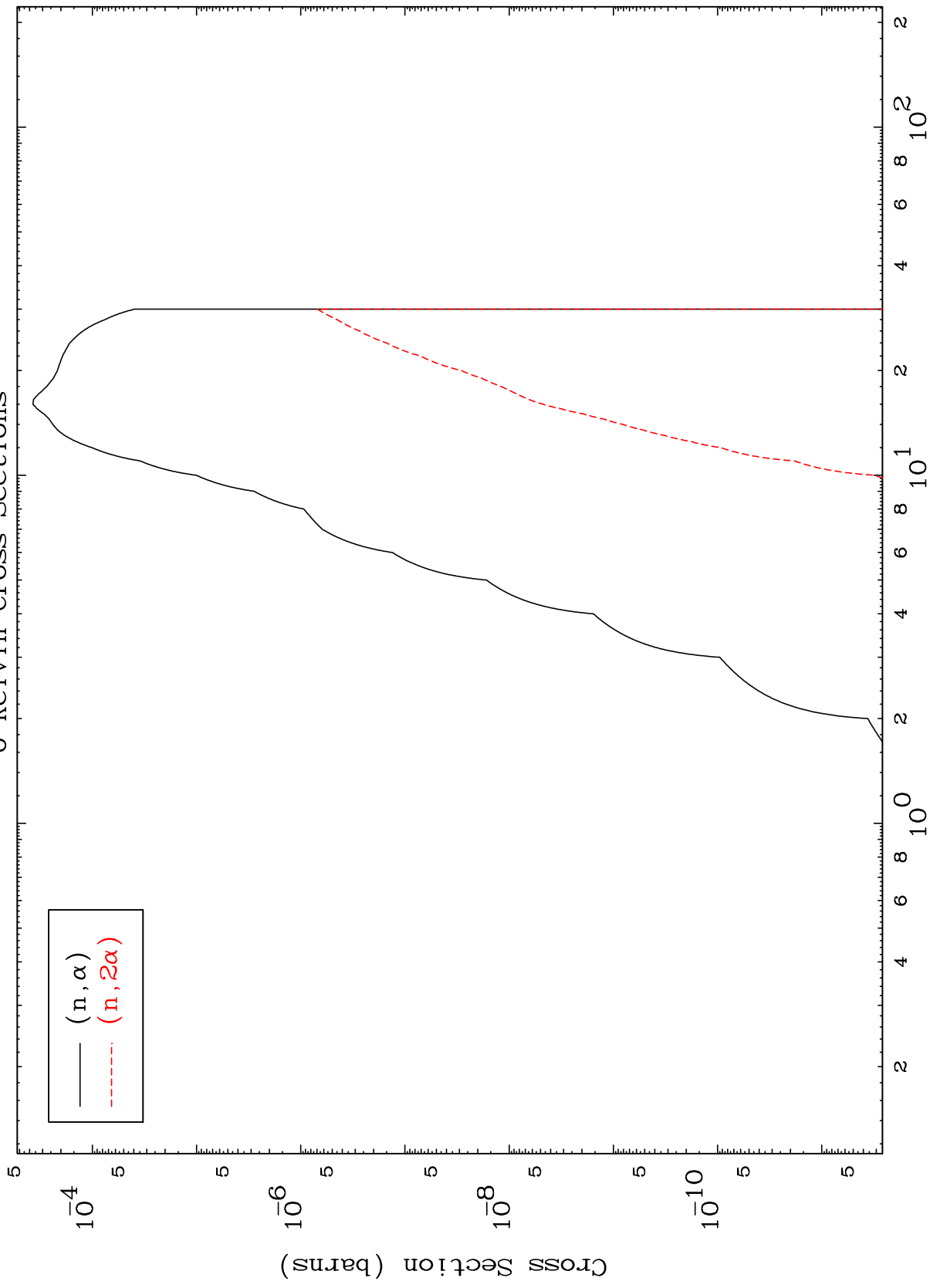


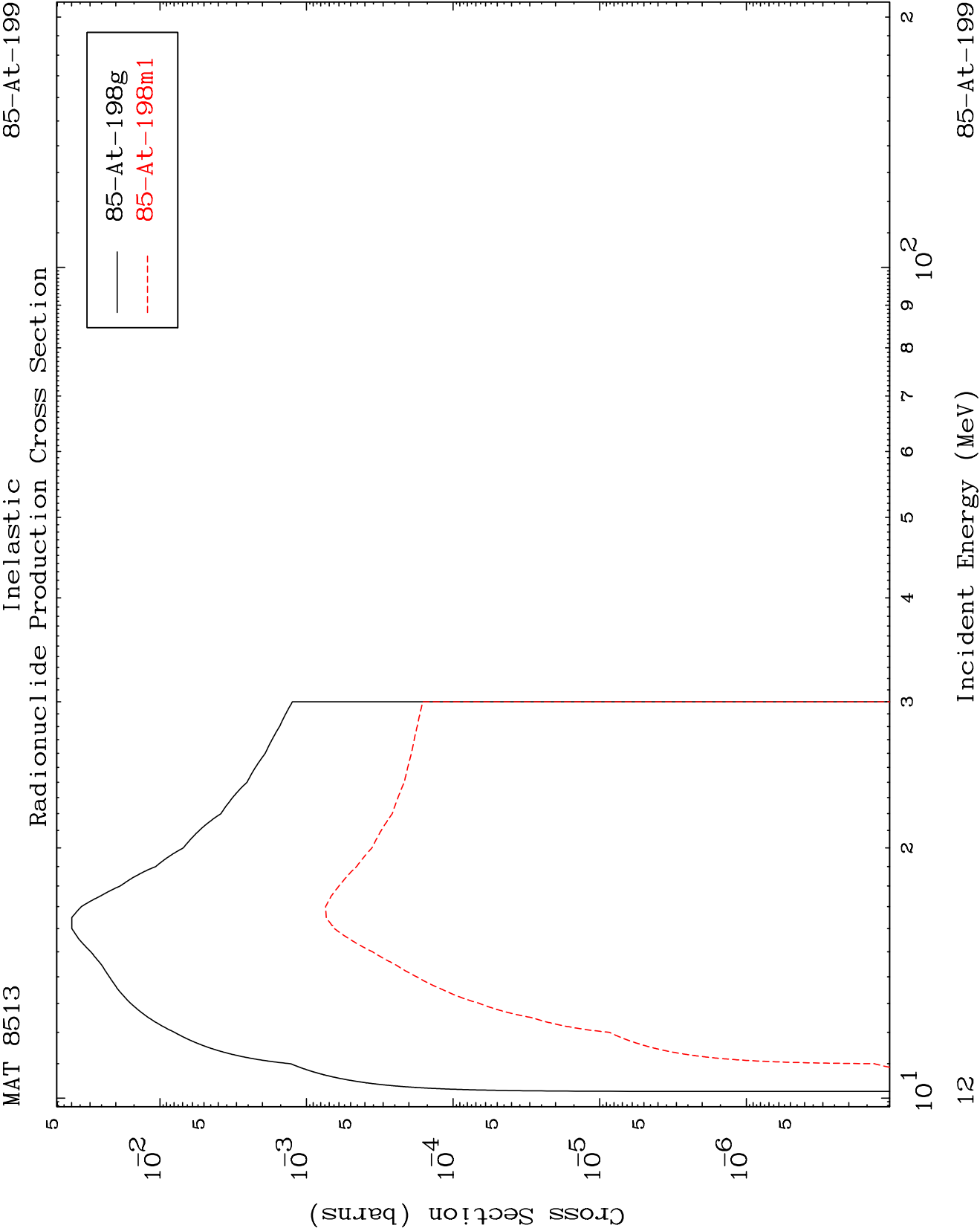
85-At-199

Incident Energy (MeV)



(γ, α) Levels
0 Kelvin Cross Sections

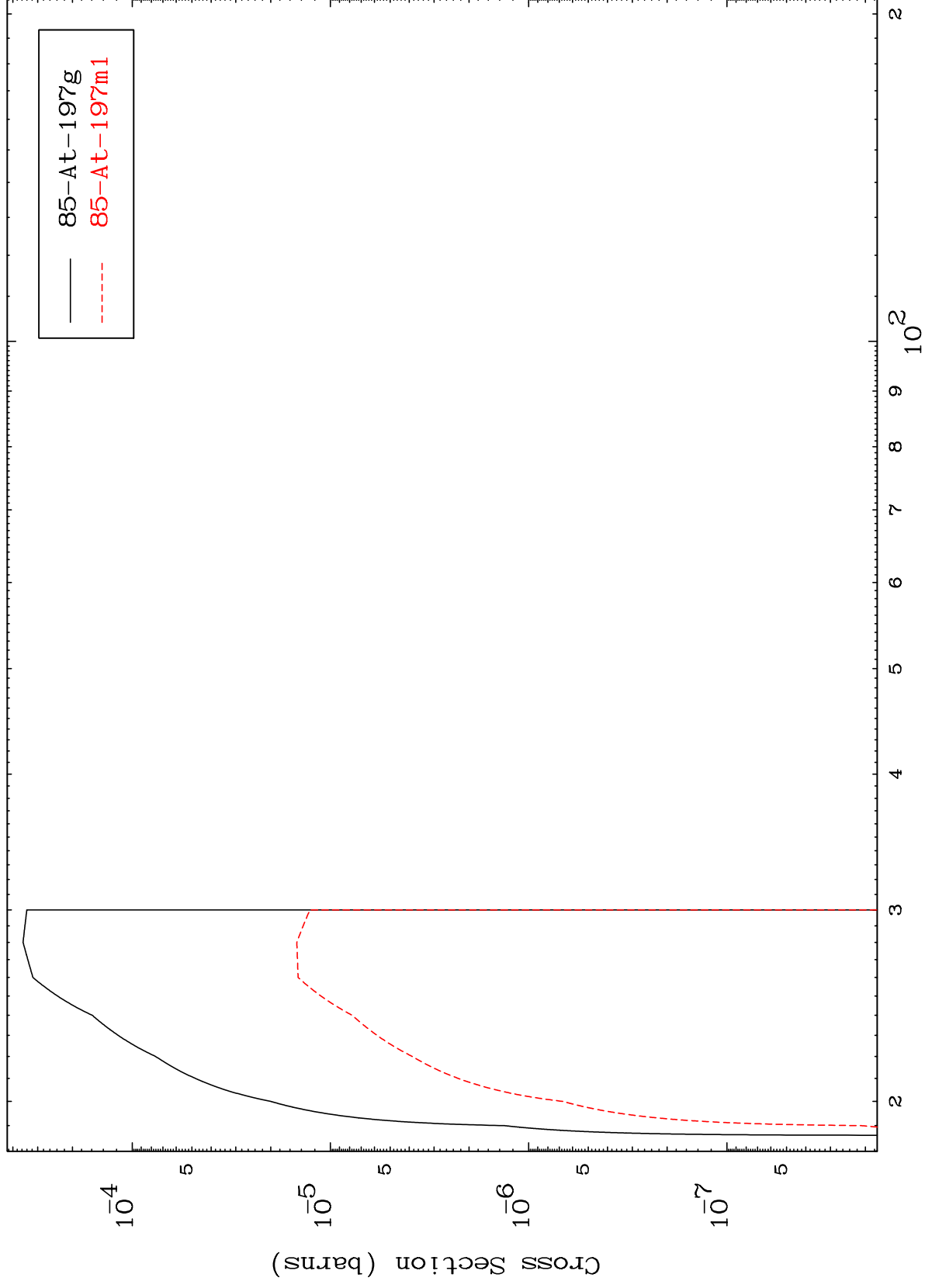




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(n,2n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

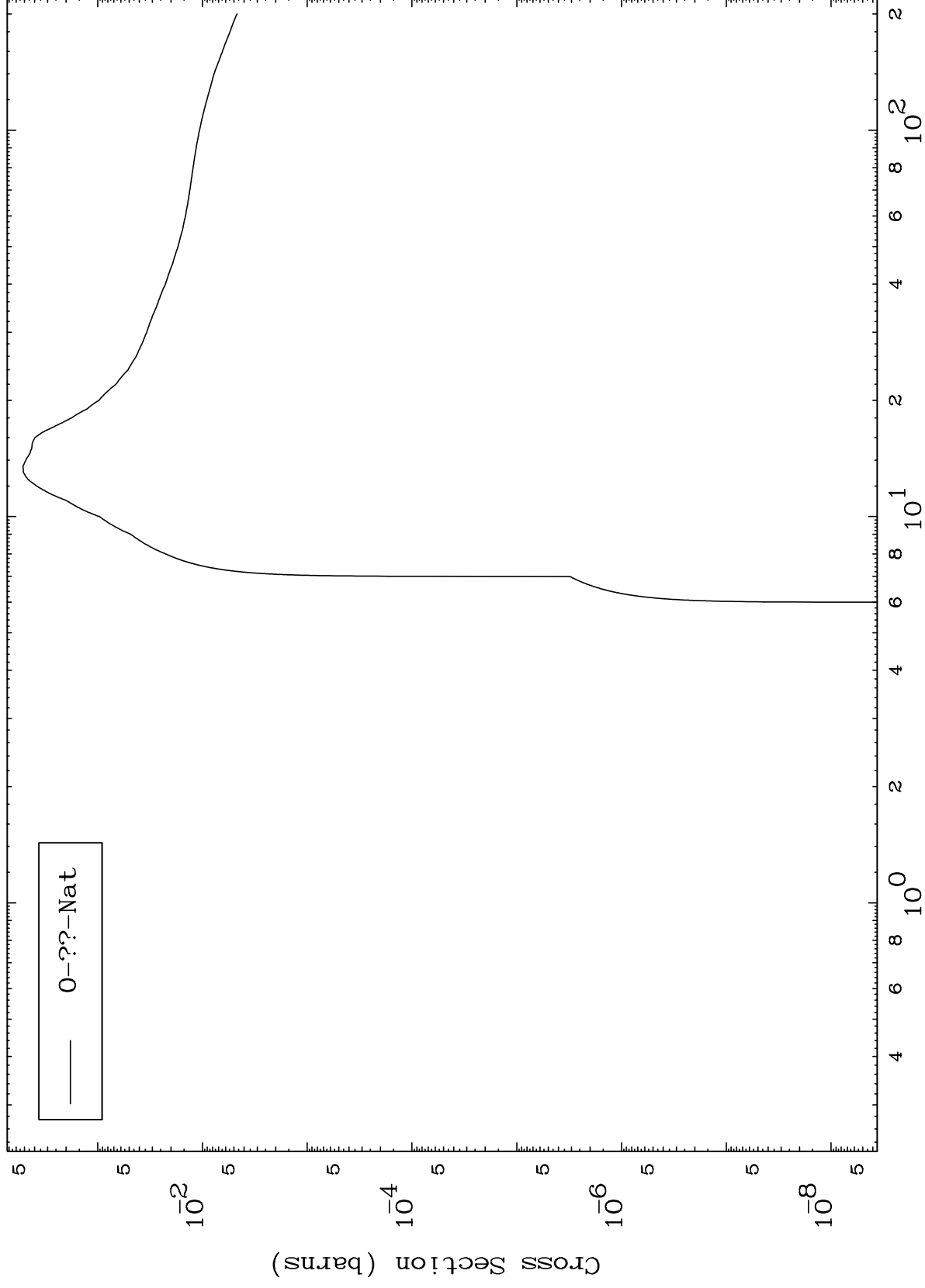
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Fission

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Radionuclide Production Cross Section

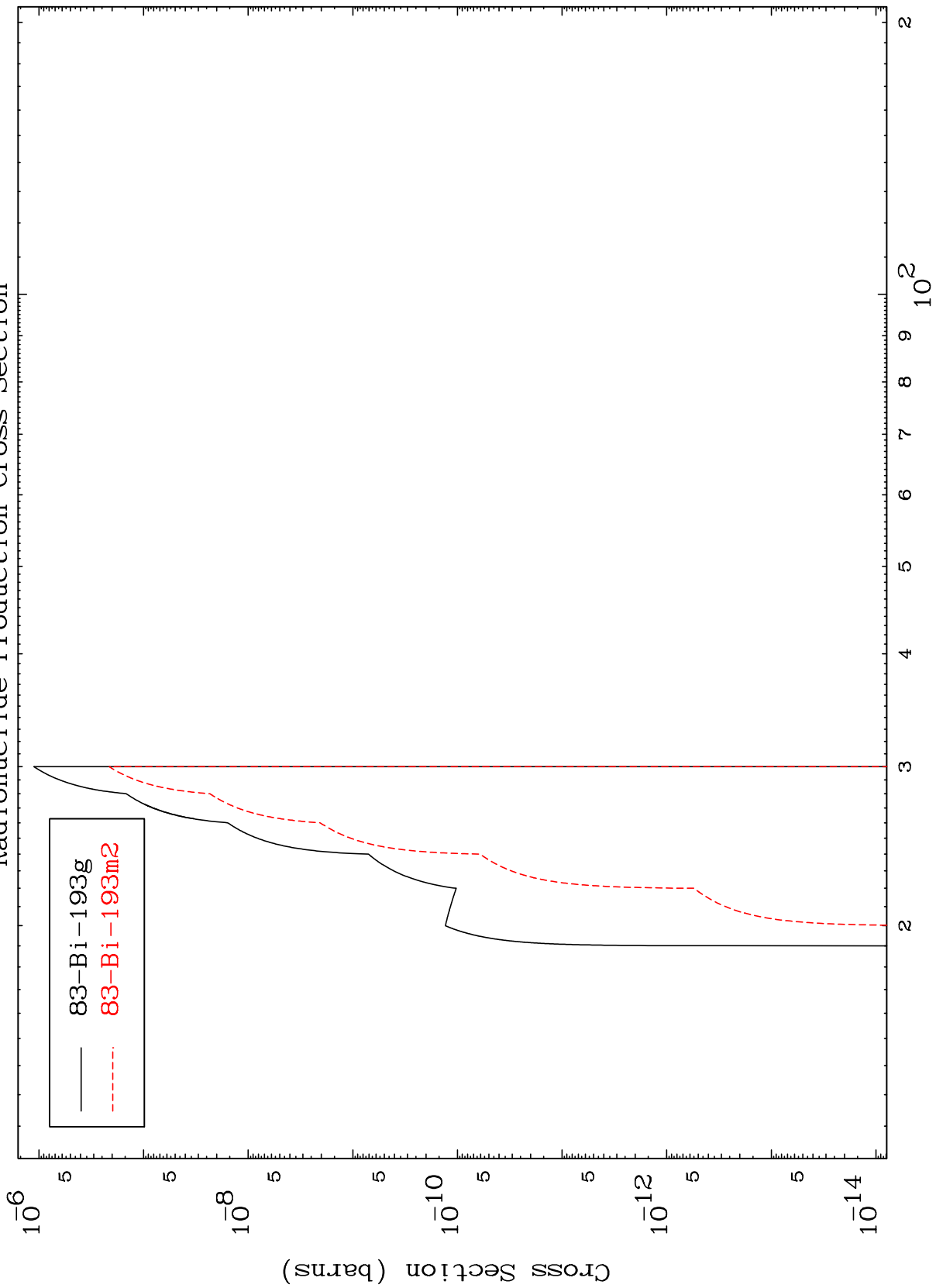


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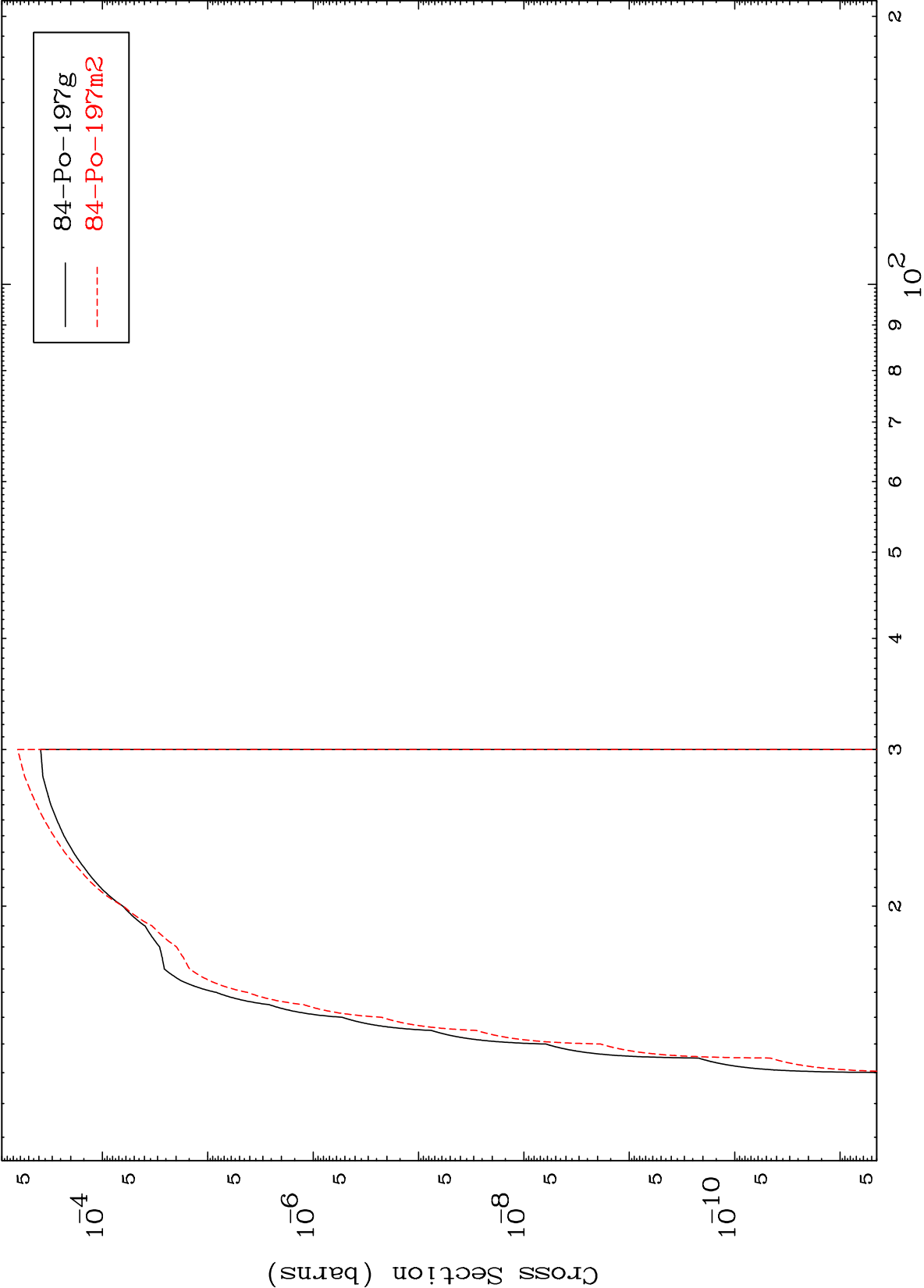
Incident Energy (MeV)

85-At-199

Radionuclide Production Cross Section



(n,n') p
Radionuclide Production Cross Section



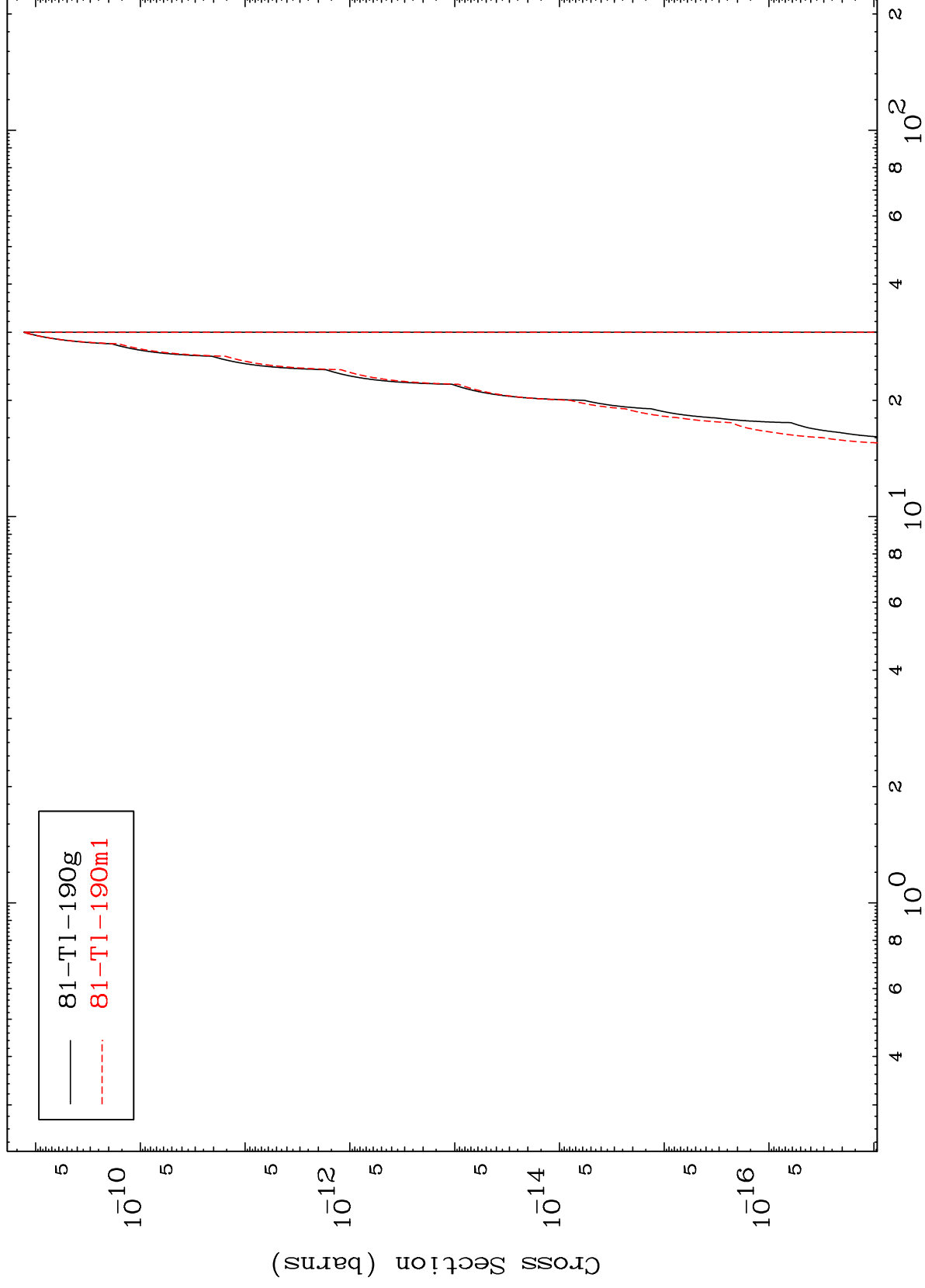
Incident Energy (MeV)

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(n,n') 2 α

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Radionuclide Production Cross Section

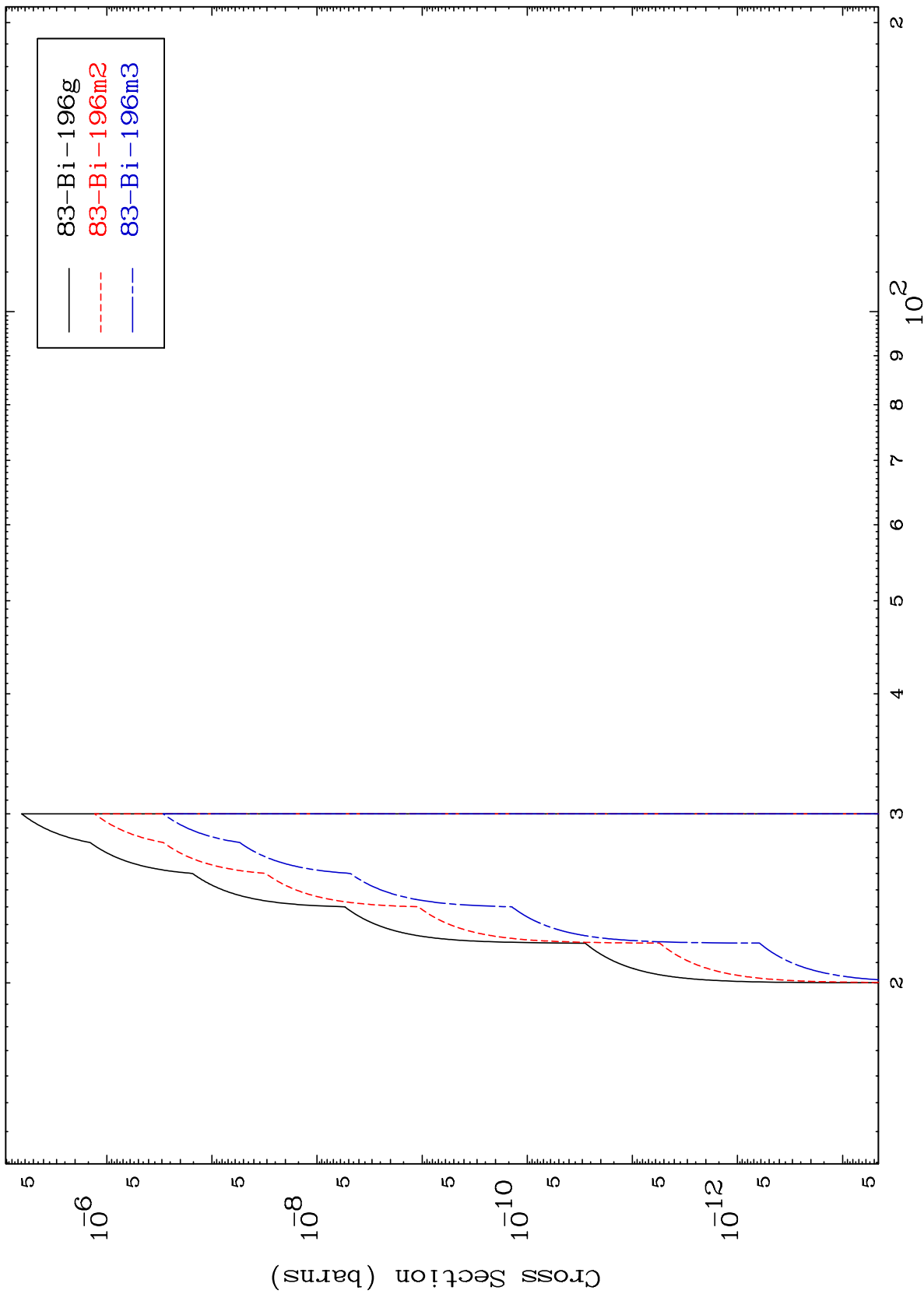


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Incident Energy (MeV)

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Radionuclide Production Cross Section

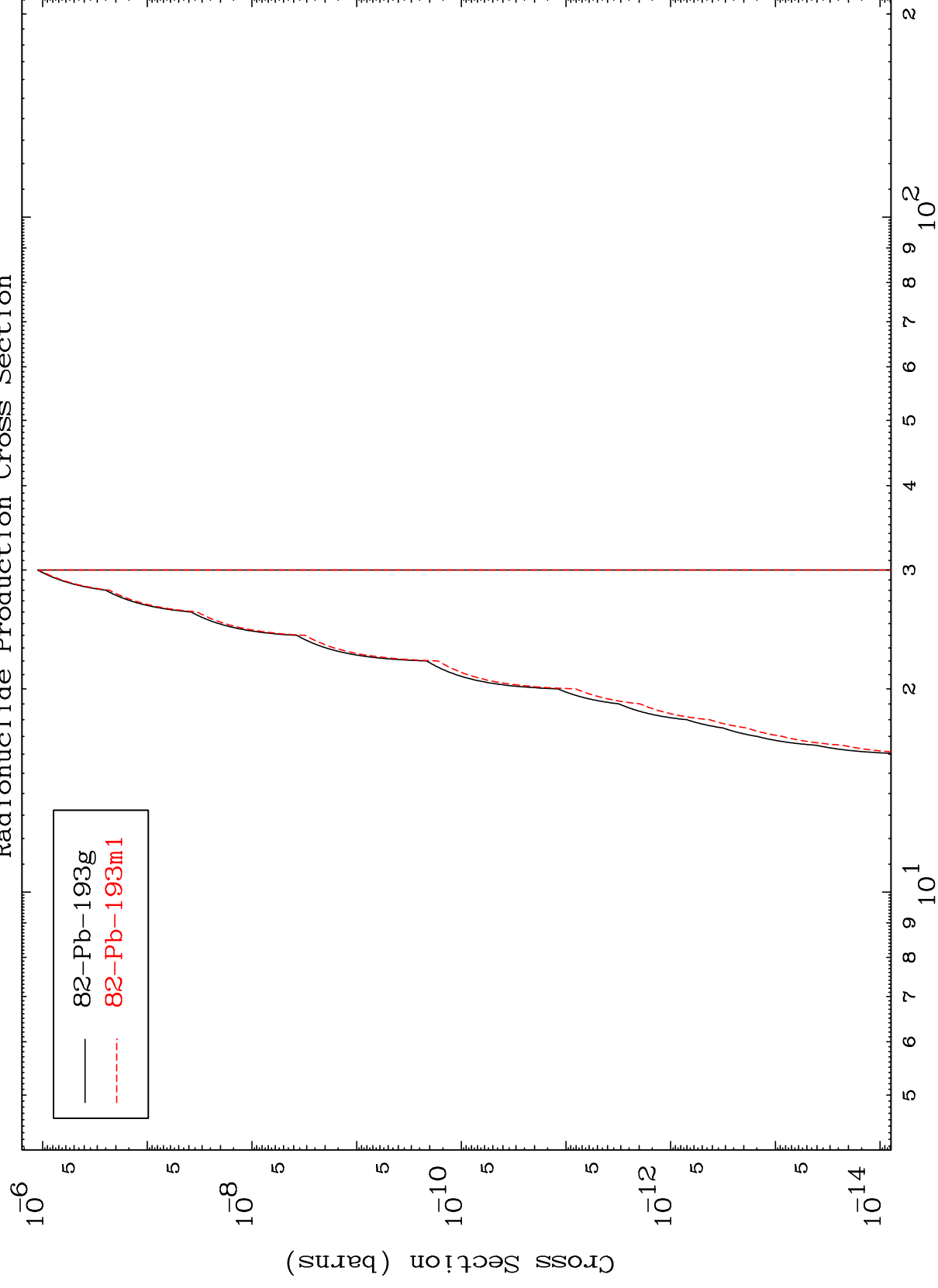


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$$(n, n') \propto p$$

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Radionuclide Production Cross Section

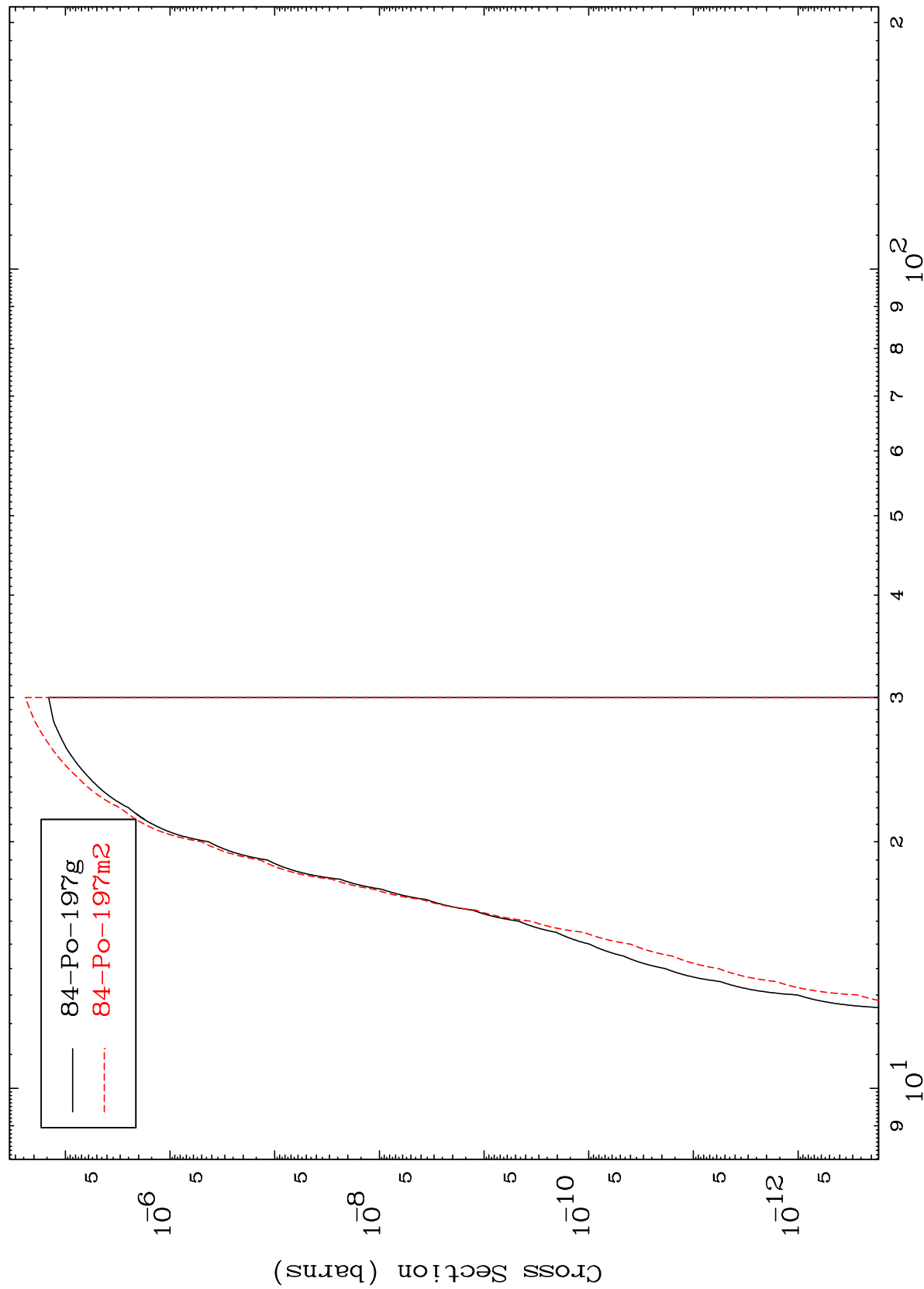


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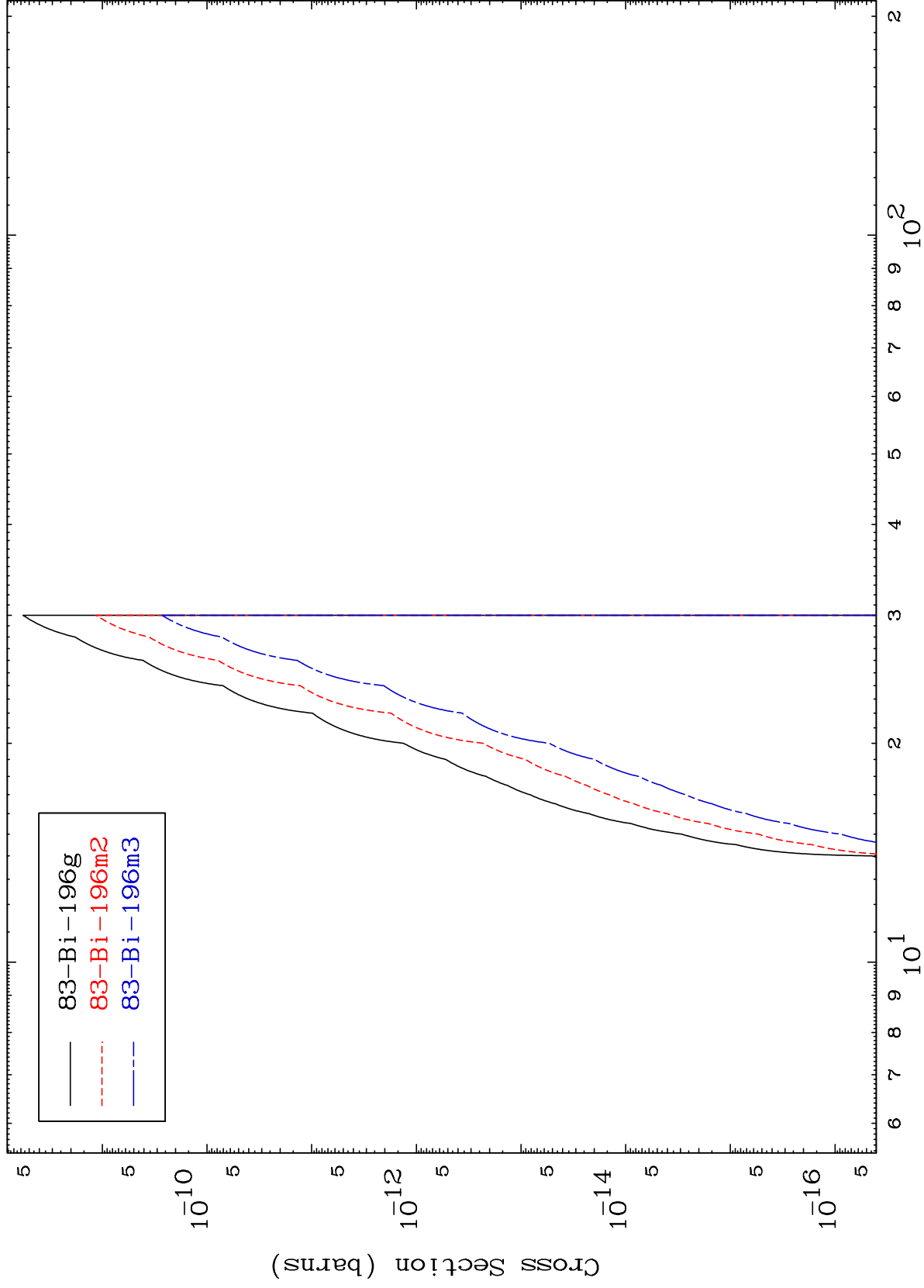
Incident Energy (MeV)

85-At-199

Radionuclide Production Cross Section (n,d)

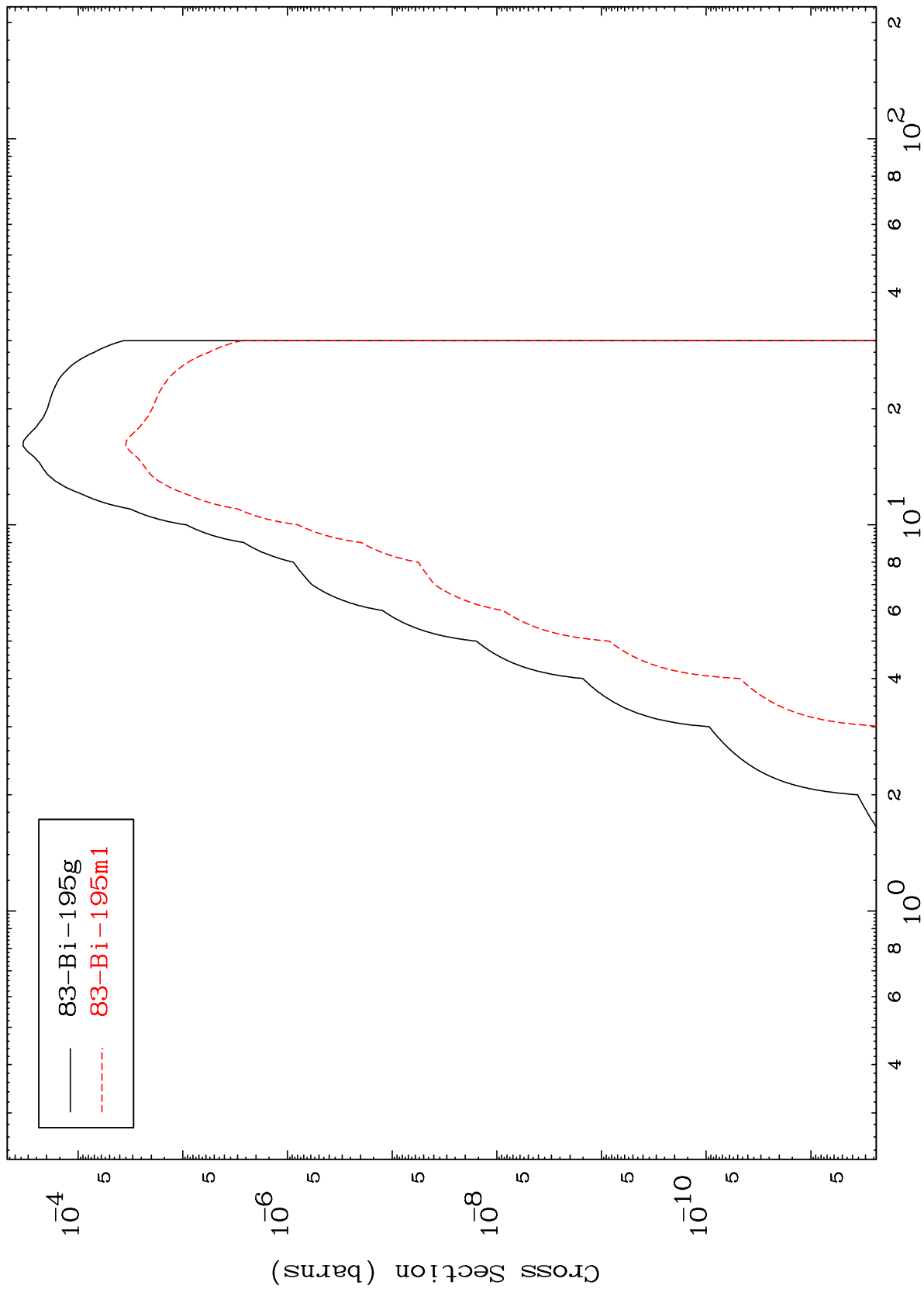


Radionuclide Production Cross Section (n,He-3)



Incident Energy (MeV)

Radionuclide Production Cross Section (n,α)

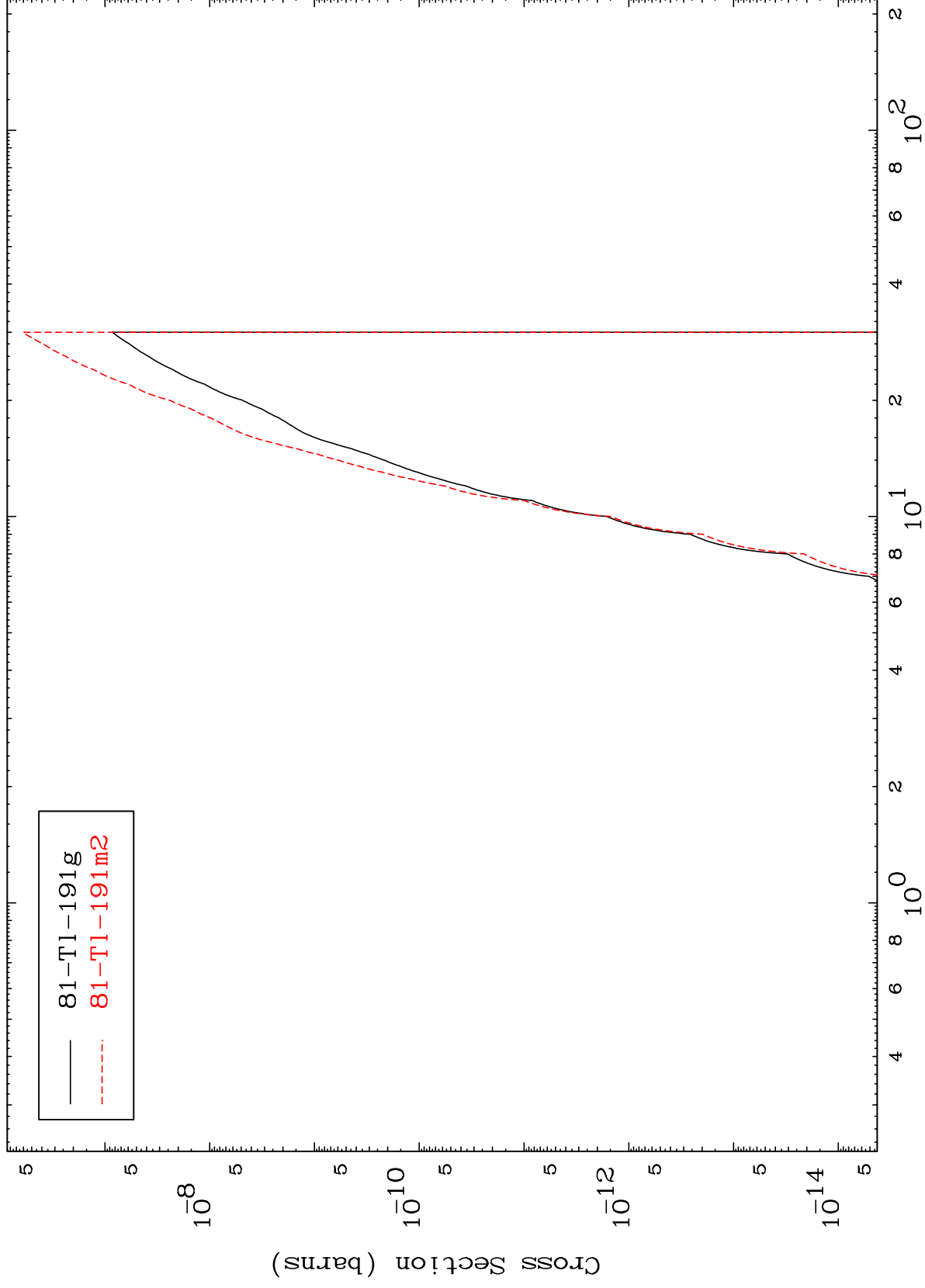


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(n,2α)

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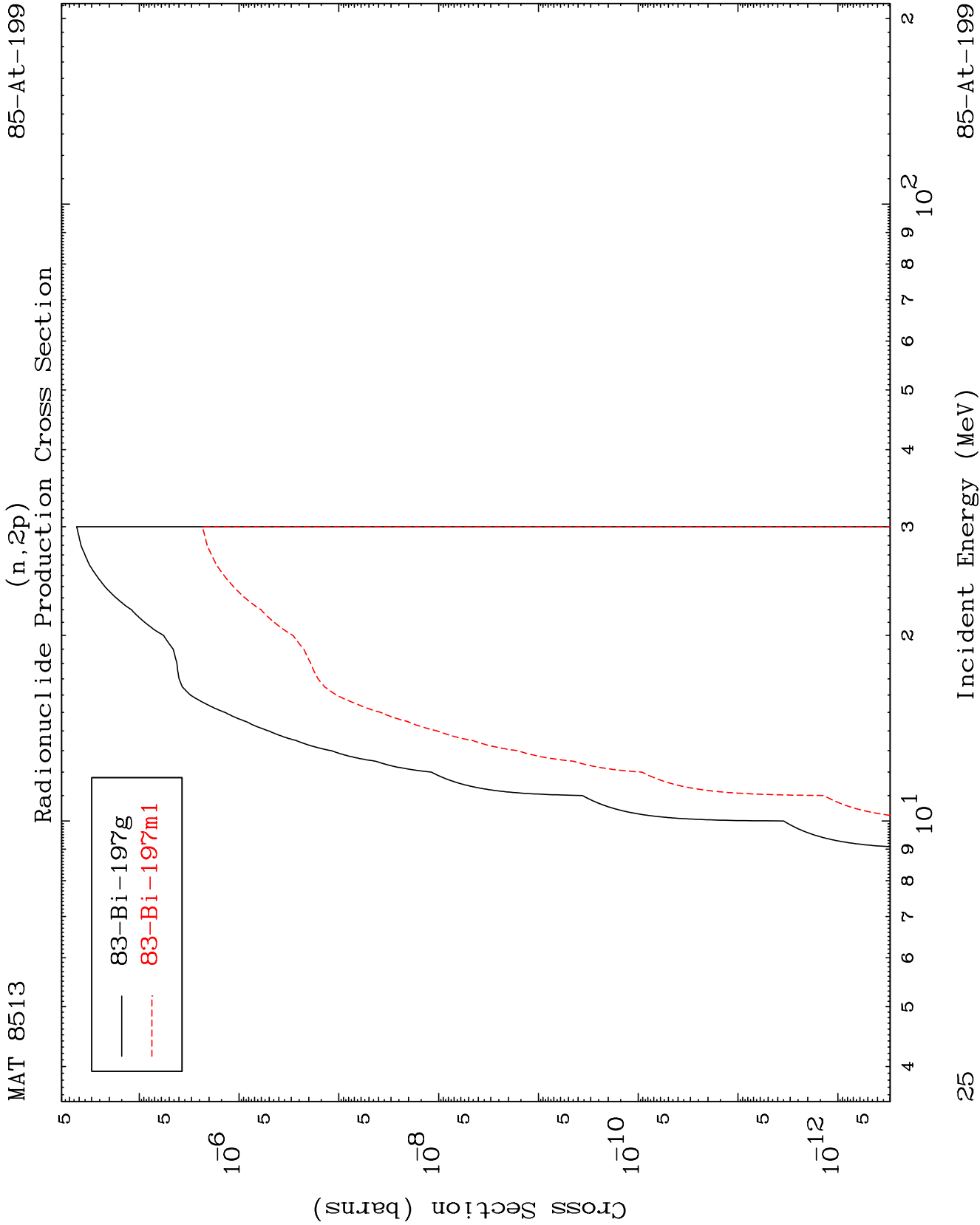
Radionuclide Production Cross Section



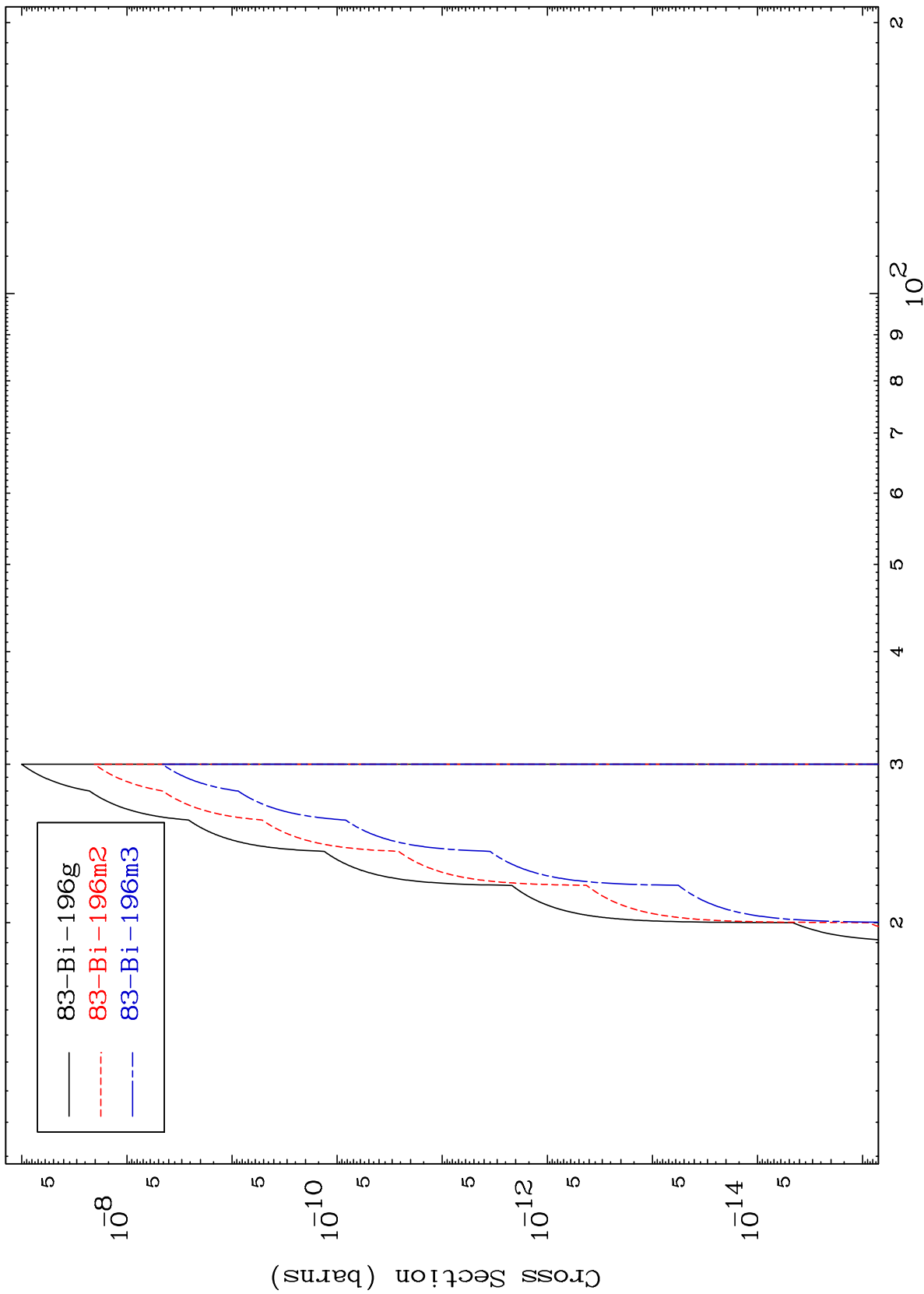
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Incident Energy (MeV)

85-At-199



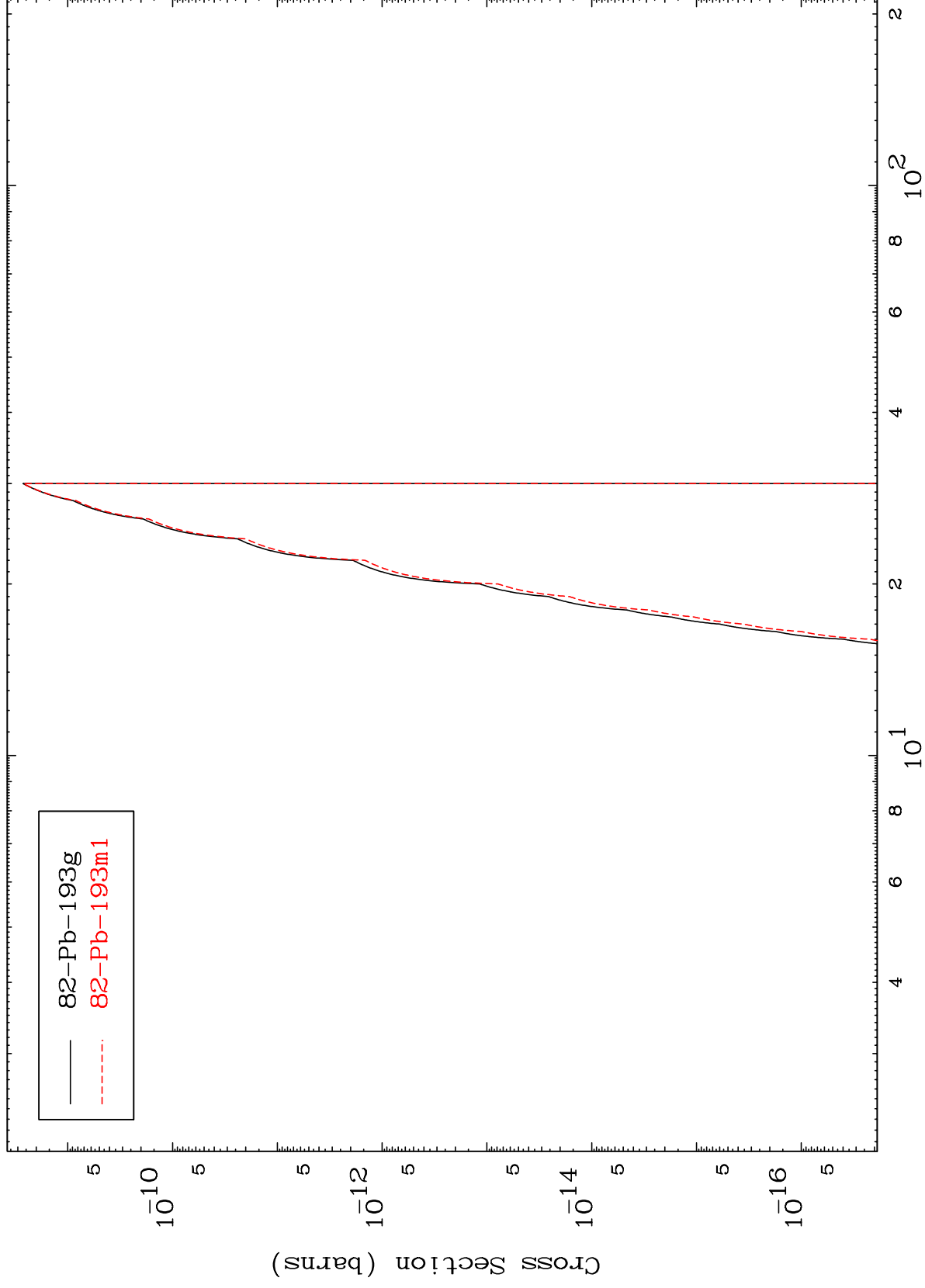
Radionuclide Production Cross Section (n,p) d



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85-At-199

(n,d) α
Radionuclide Production Cross Section



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Incident Energy (MeV)

85-At-199