

Program EVALPLOT
(Version 2018-1)

by

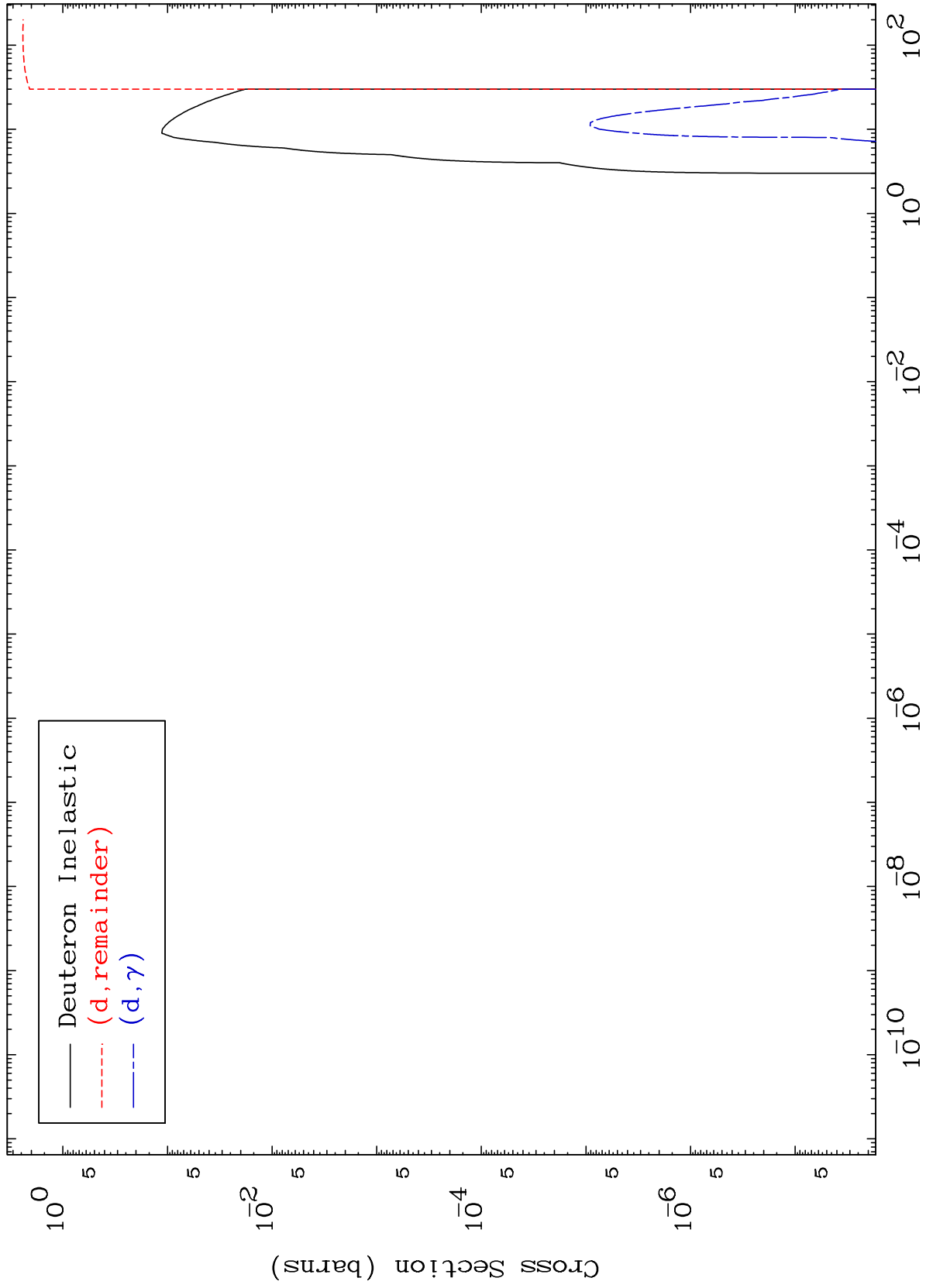
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(Present Contact Information)

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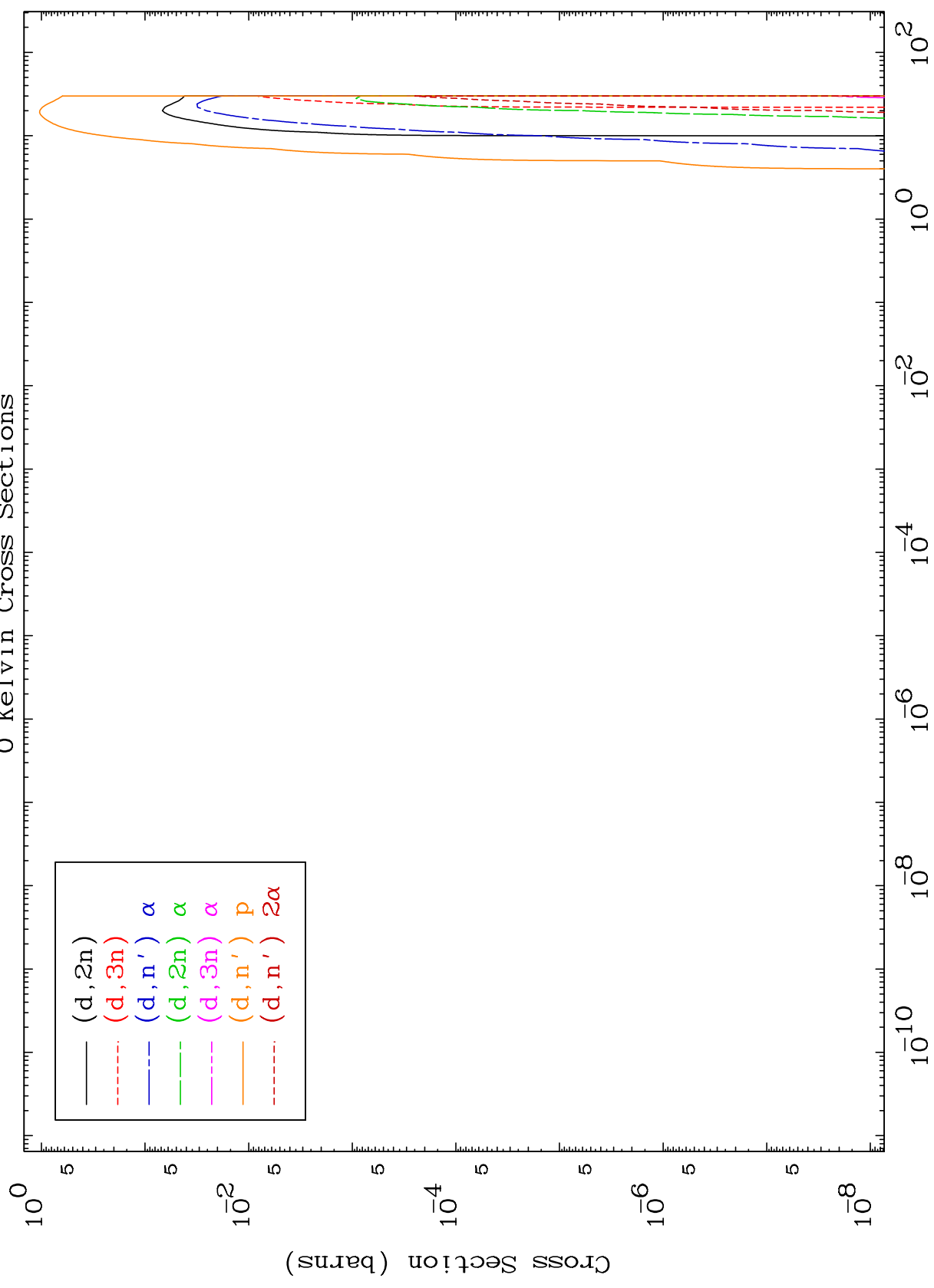
Press Mouse Button to Start



MAT 5999

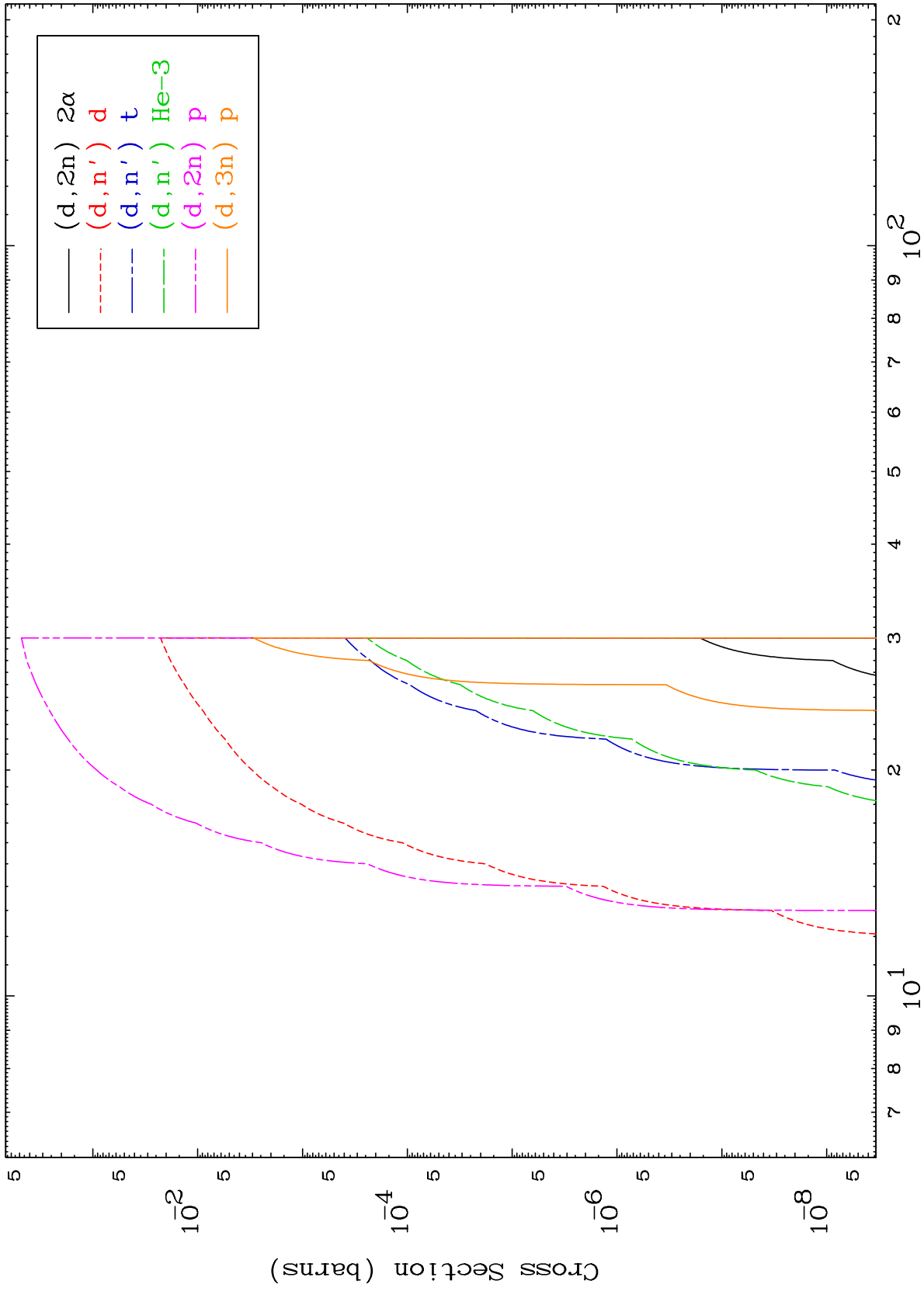
Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-133



2

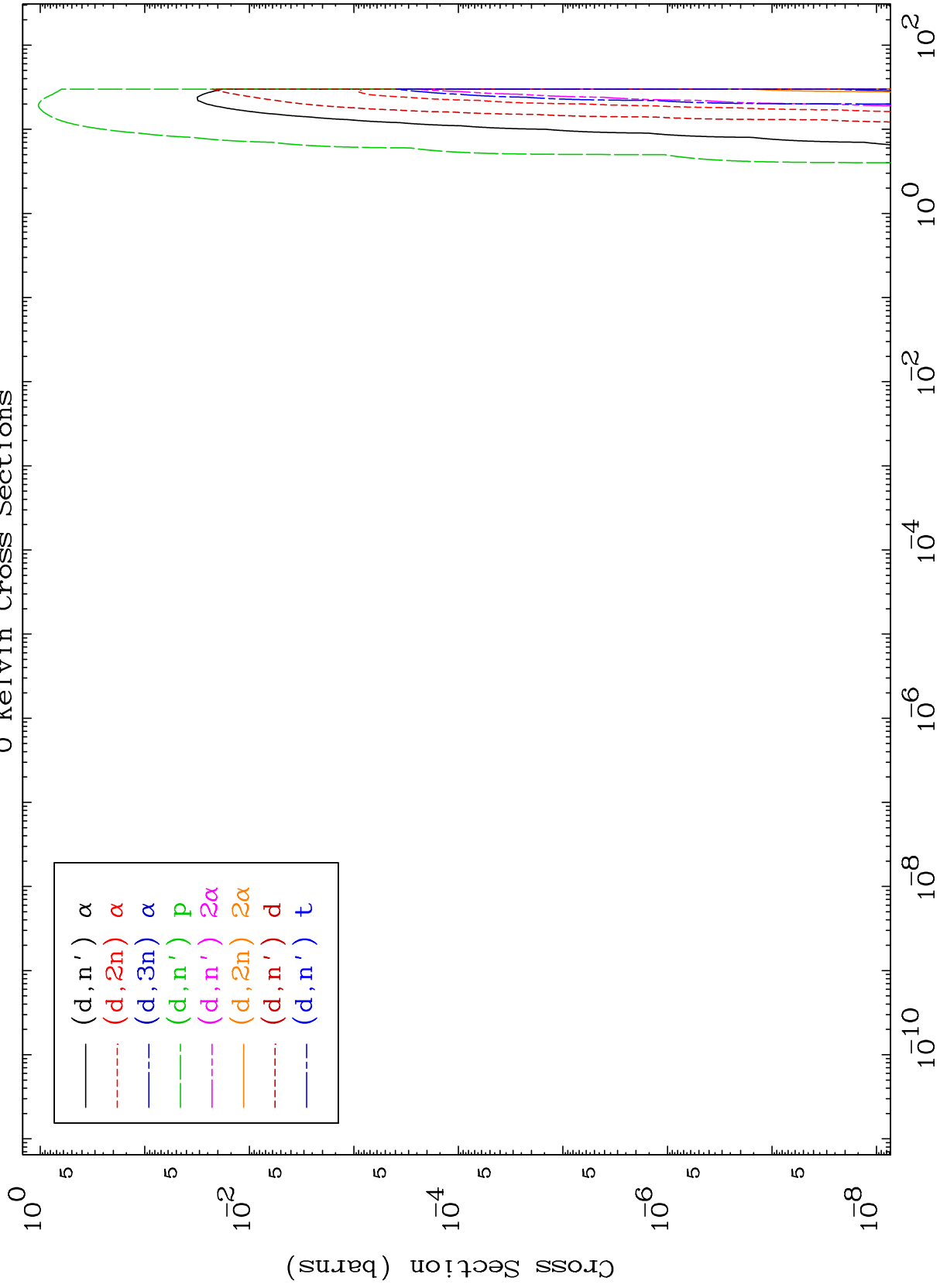
60-Nd-133



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Deuteron Charged Particle
0 Kelvin Cross Sections

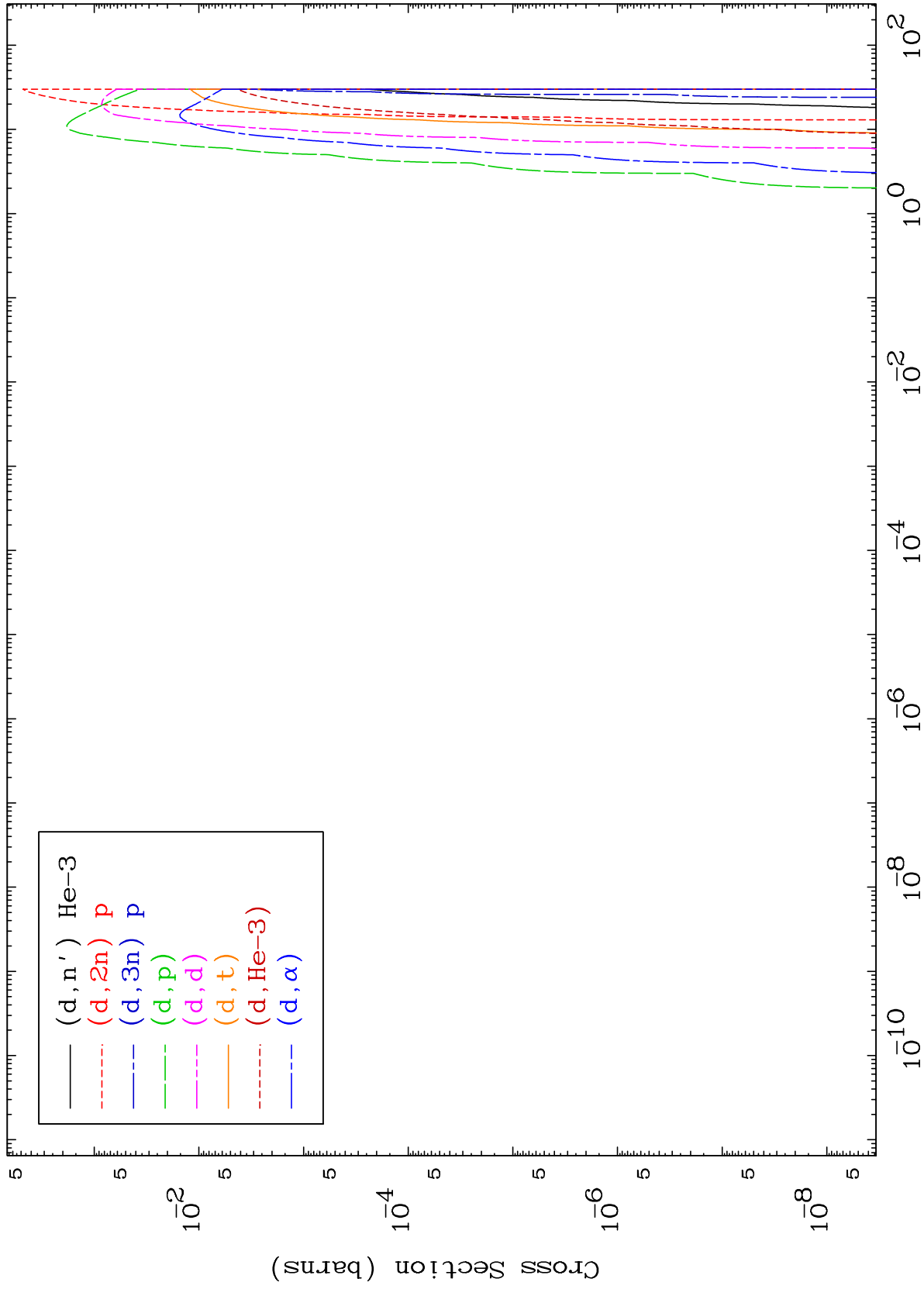
60-Nd-133



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Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-133



5

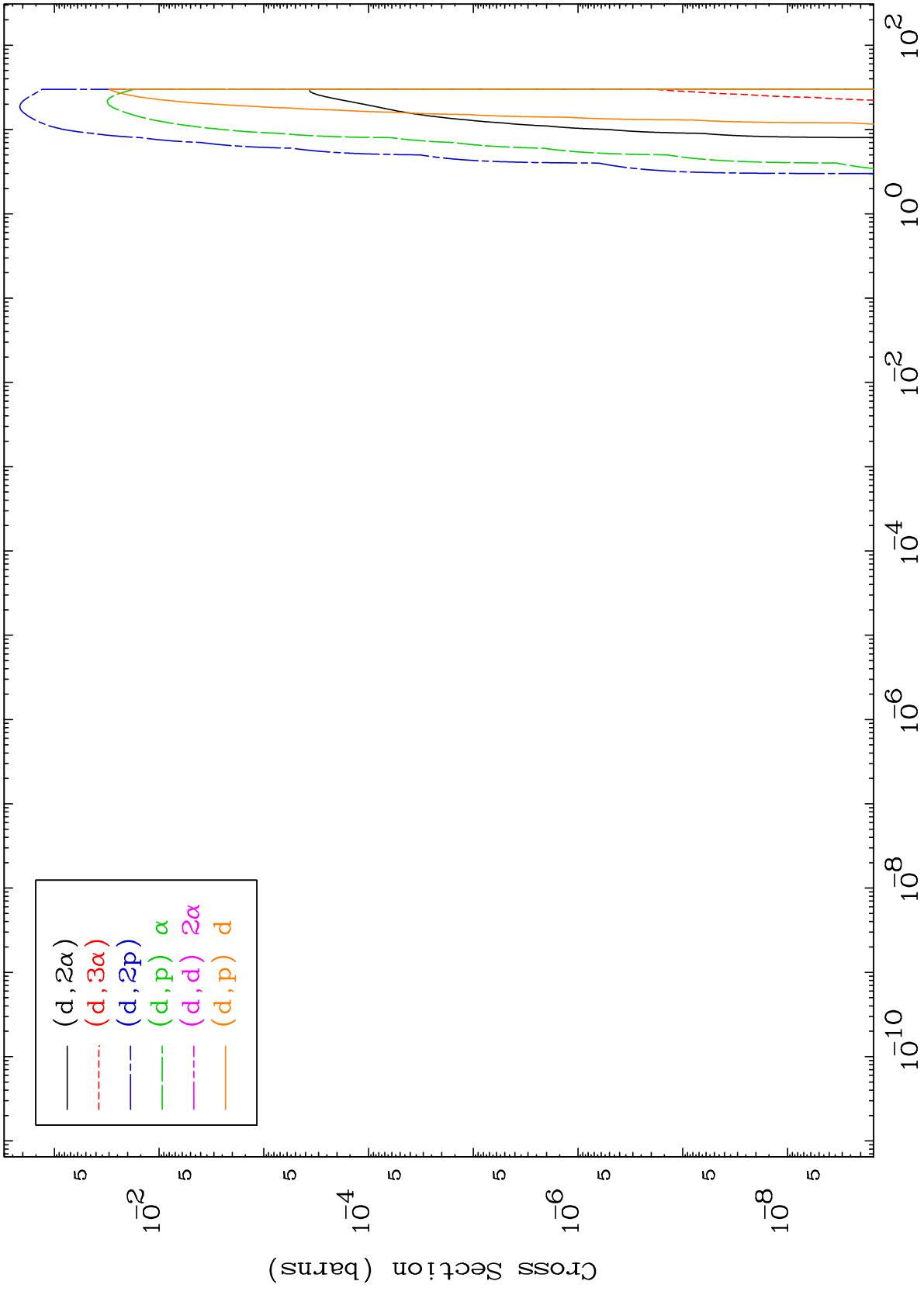
Incident Energy (MeV)

60-Nd-133

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Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-133

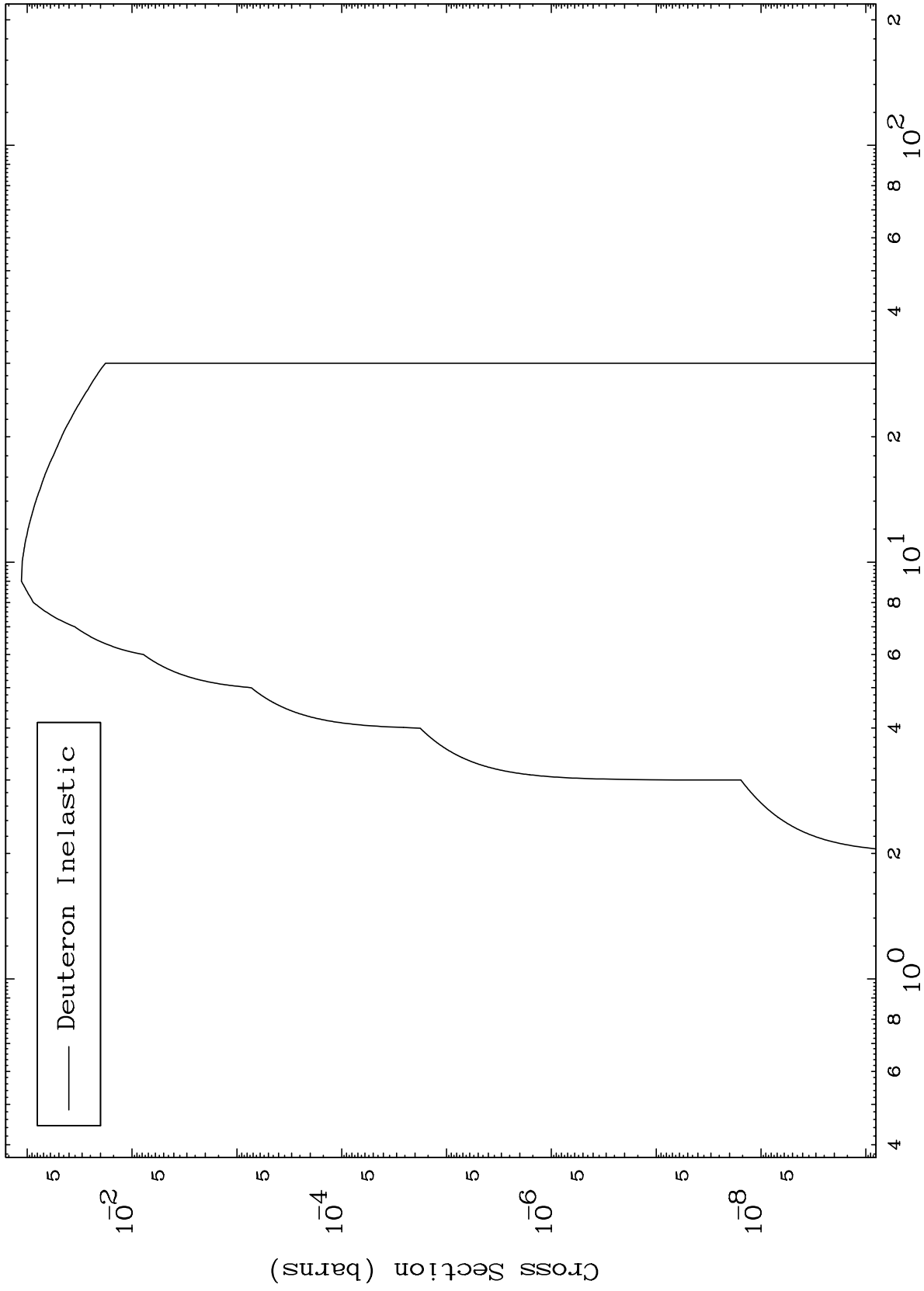


60-Nd-133

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60-Nd-133

(d,n') Level
0 Kelvin Cross Sections



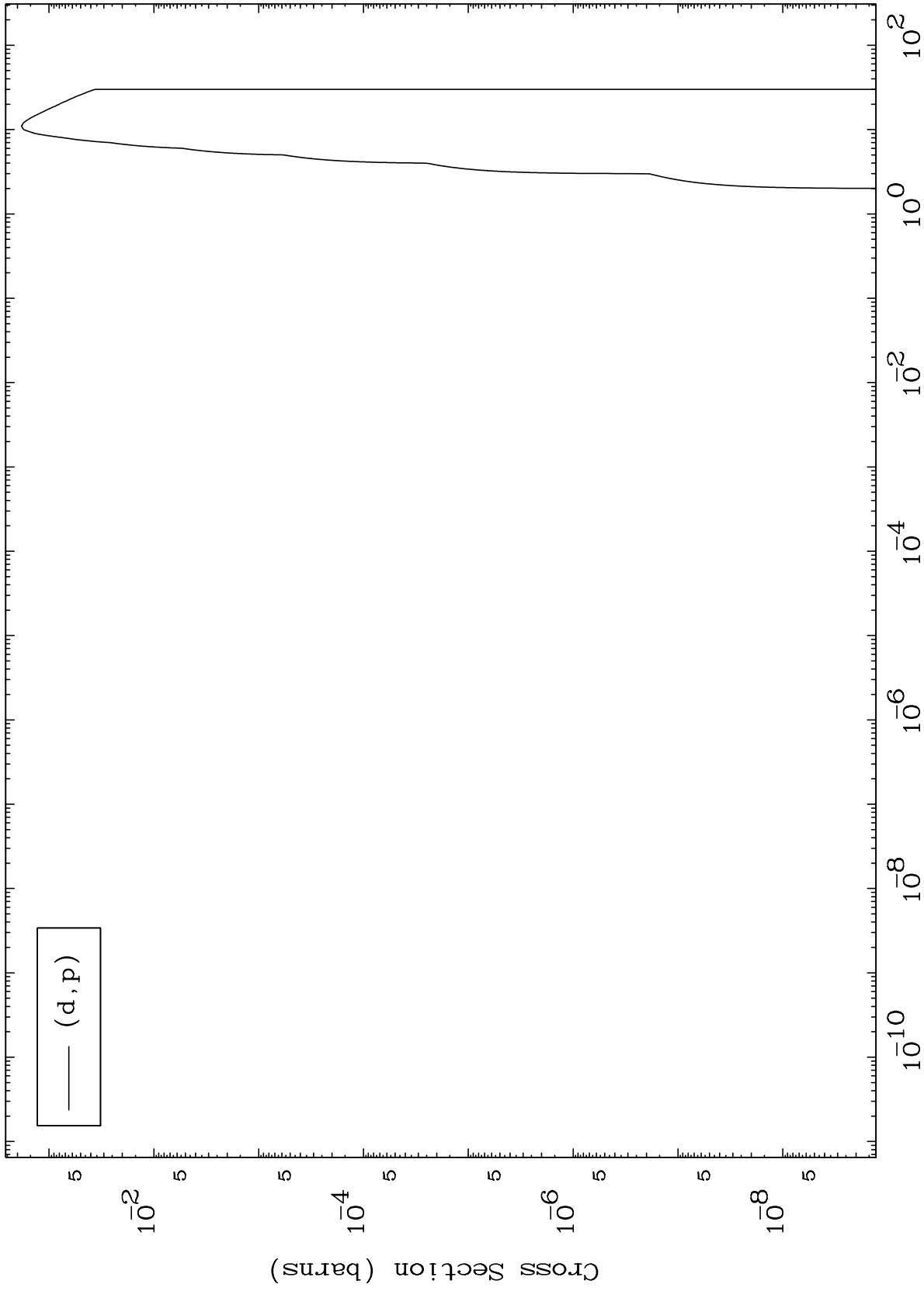
7

60-Nd-133

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(d,p) Levels
0 Kelvin Cross Sections

60-Nd-133



8

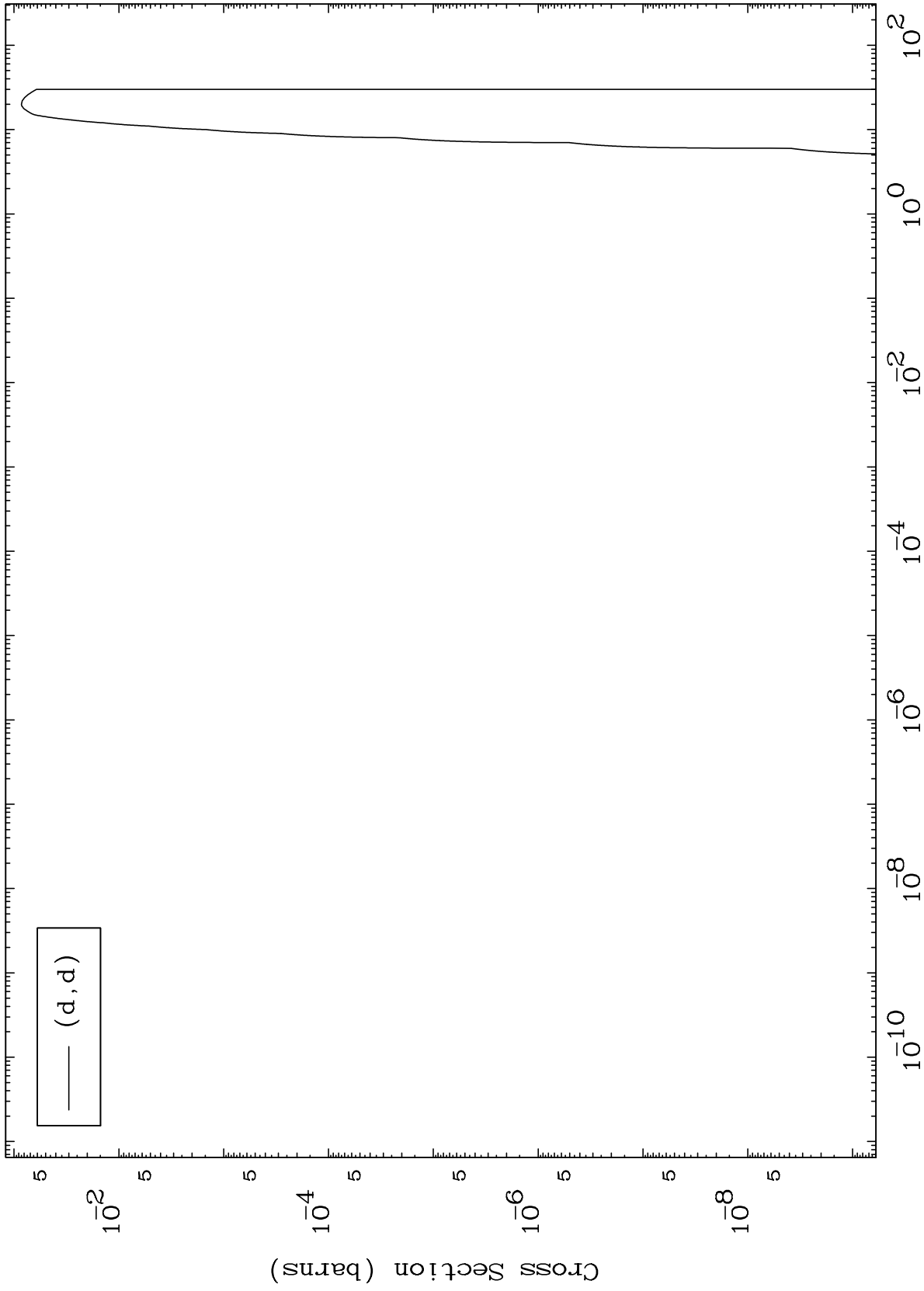
Incident Energy (MeV)

60-Nd-133

MAT 5999

(d,d) Levels
0 Kelvin Cross Sections

60-Nd-133



9

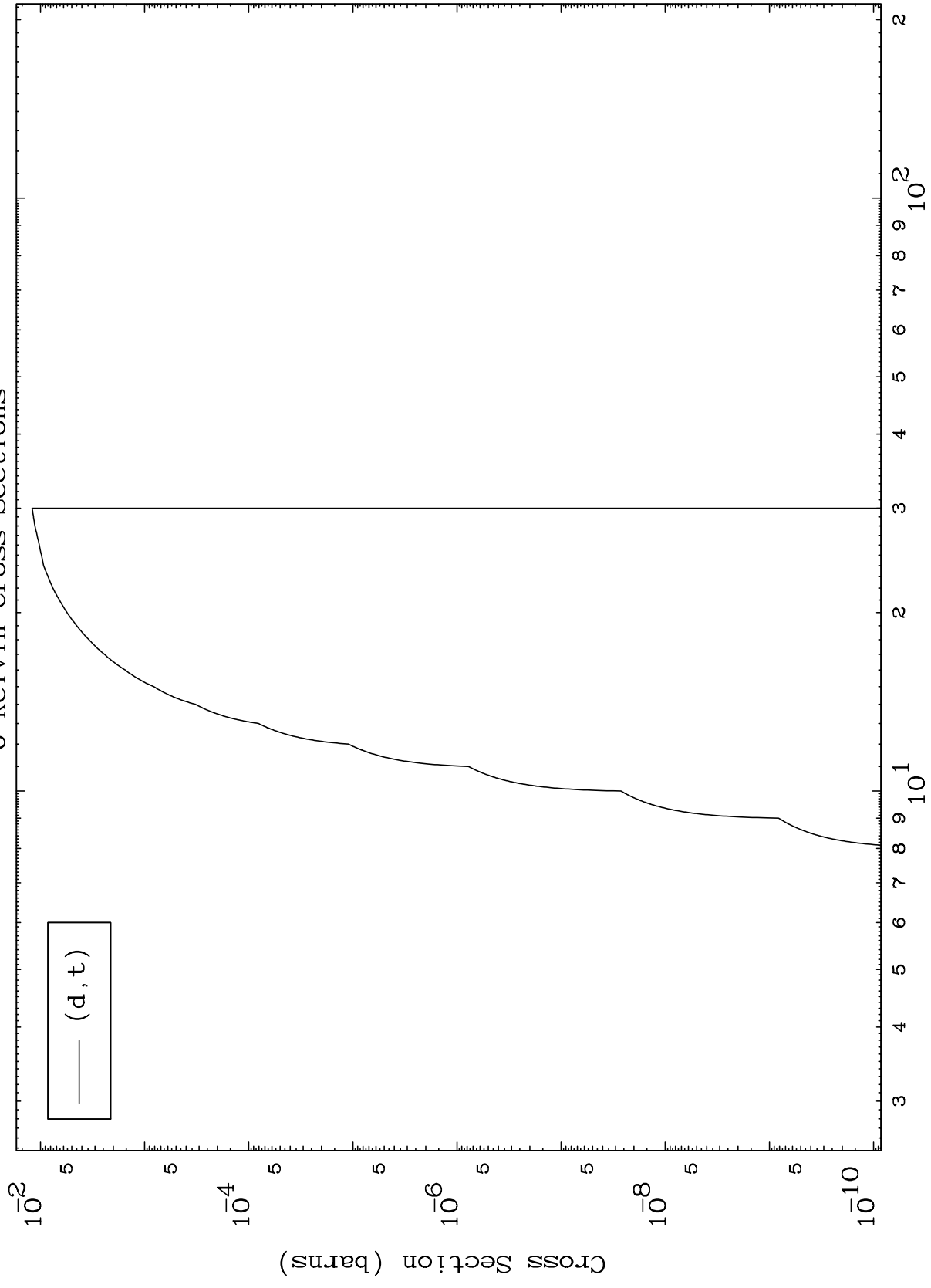
Incident Energy (MeV)

60-Nd-133

MAT 5999

(d,t) Levels
0 Kelvin Cross Sections

60-Nd-133



10

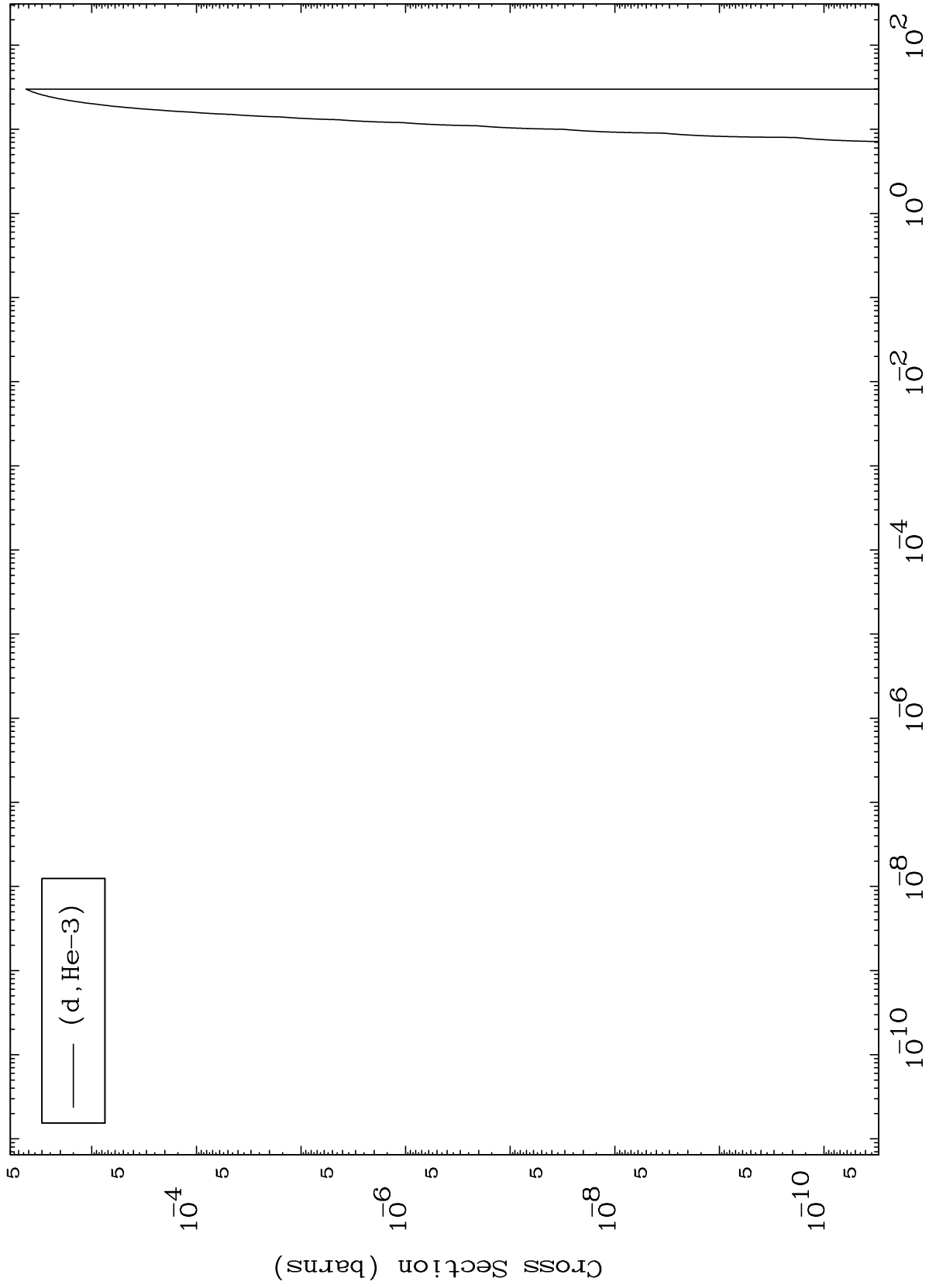
Incident Energy (MeV)

60-Nd-133

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(d,He3) Levels
0 Kelvin Cross Sections

60-Nd-133



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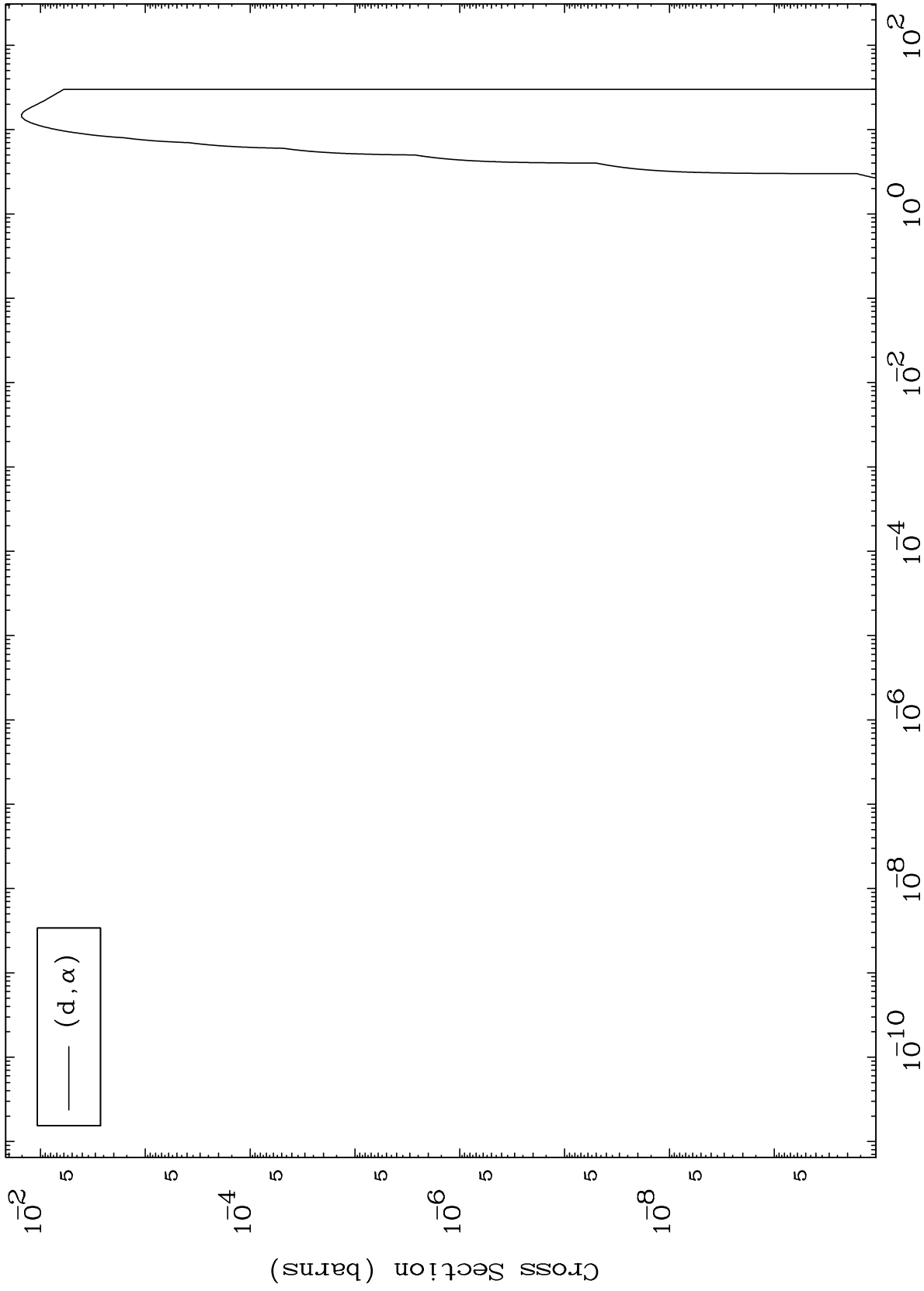
Incident Energy (MeV)

60-Nd-133

MAT 5999

(d, α) Levels
0 Kelvin Cross Sections

60-Nd-133



12

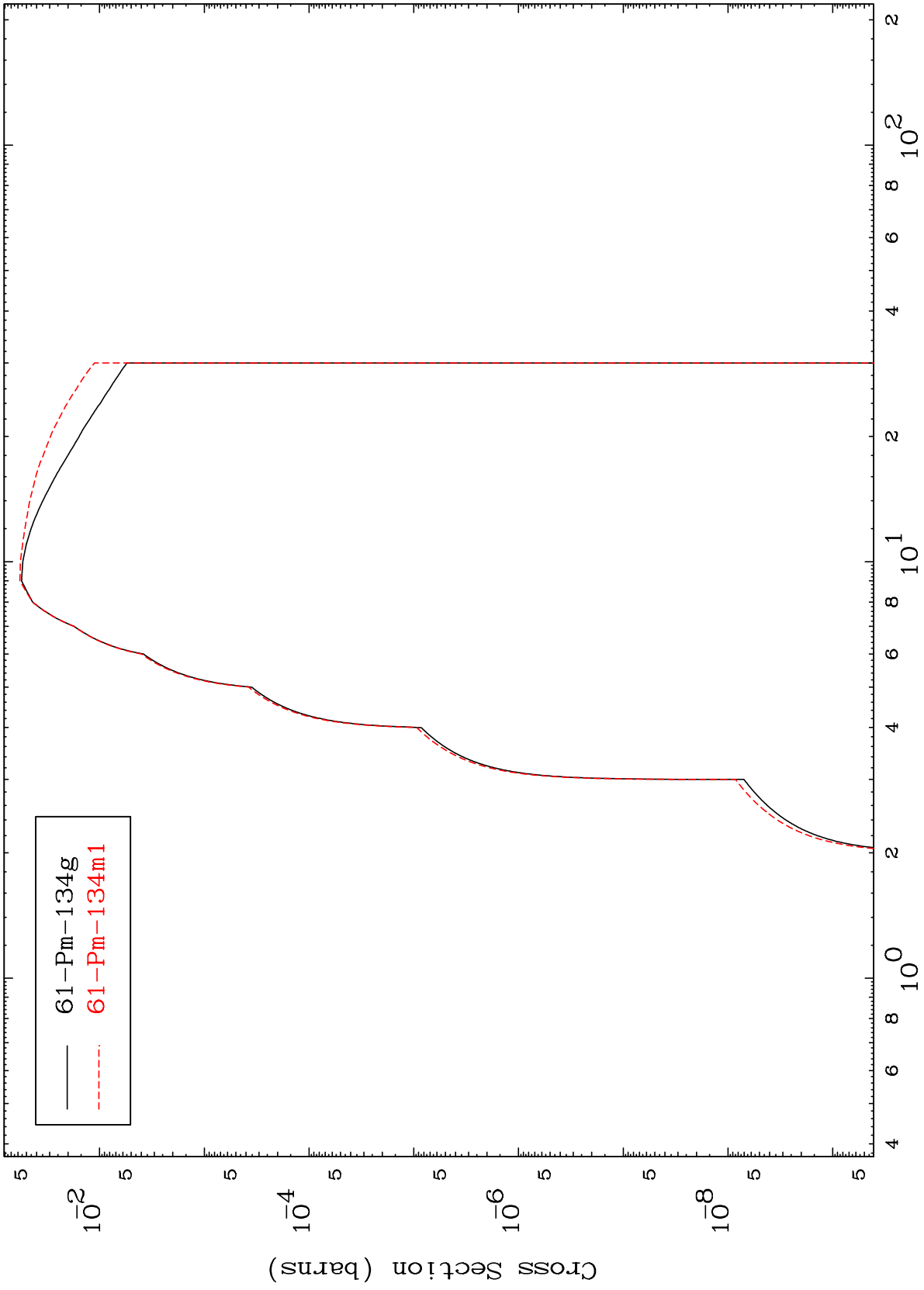
Incident Energy (MeV)

60-Nd-133

MAT 5999

Deuteron Inelastic
Radionuclide Production Cross Section

60-Nd-133



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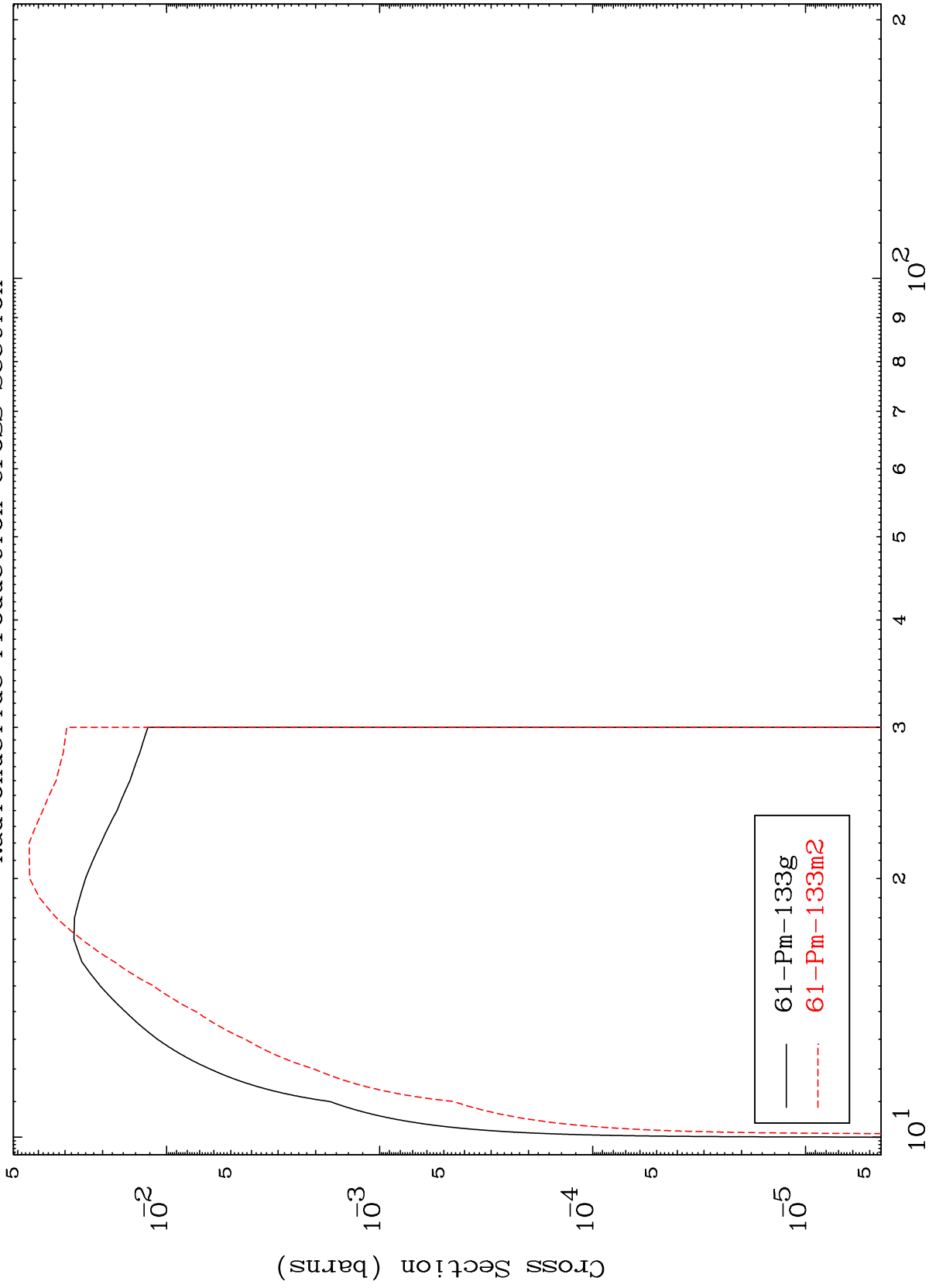
Incident Energy (MeV)

60-Nd-133

MAT 5999

60-Nd-133

Radionuclide Production Cross Section
(d,2n)



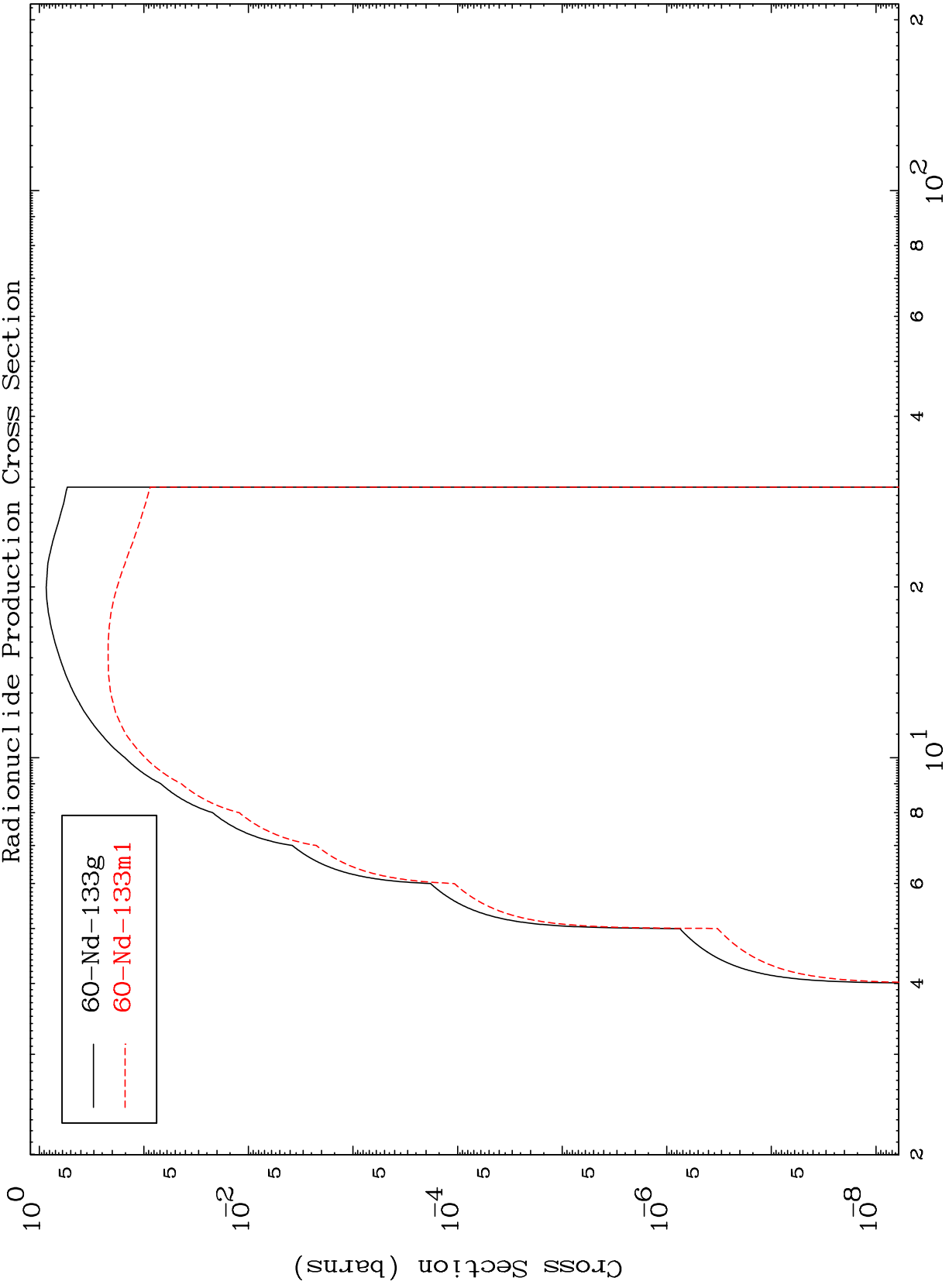
61-Pm-133g
61-Pm-133m2

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(d,n') p

⁶⁰Nd-¹³³

Radionuclide Production Cross Section



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Incident Energy (MeV)

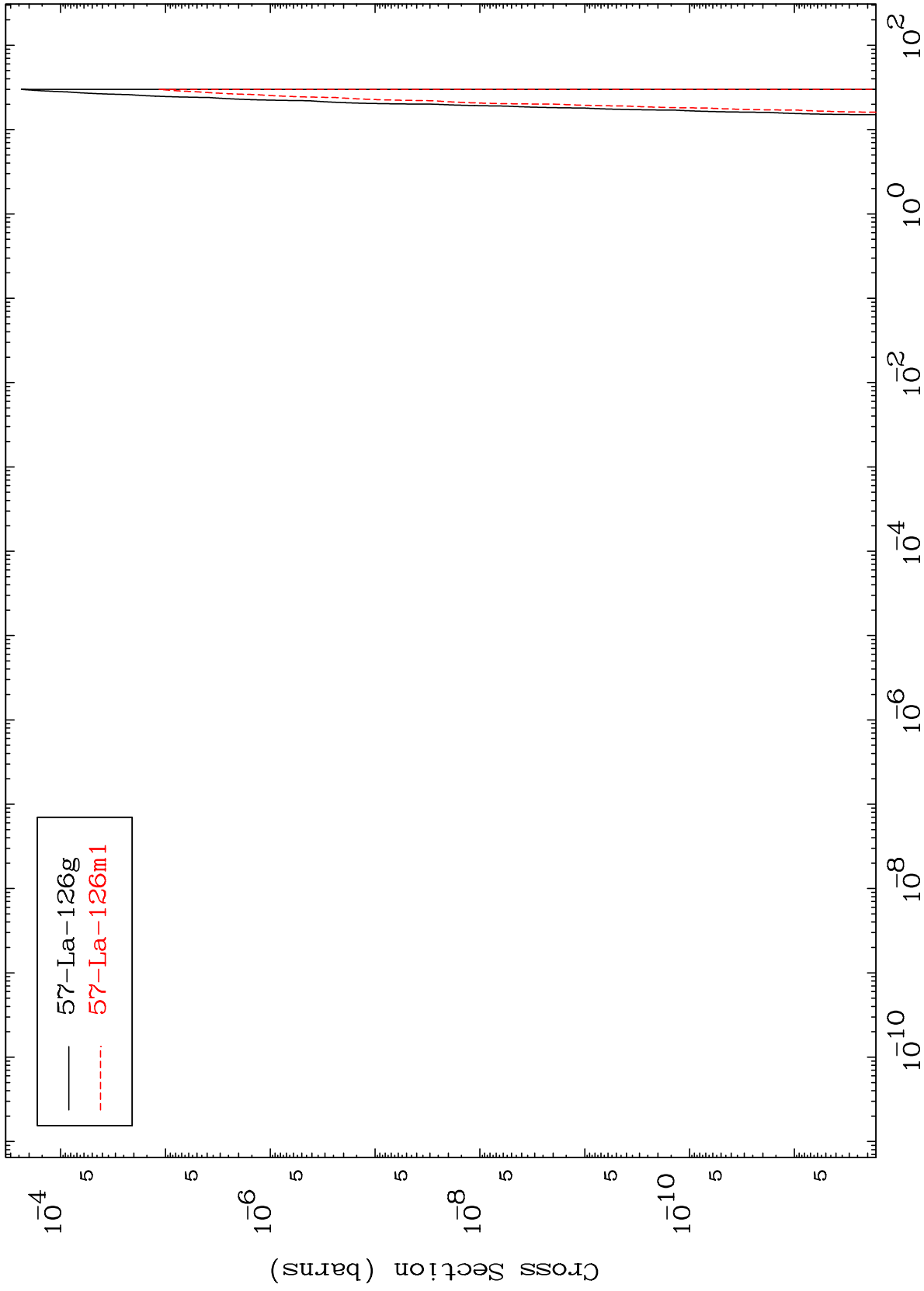
⁶⁰Nd-¹³³

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(d,n') 2 α

60-Nd-133

Radionuclide Production Cross Section

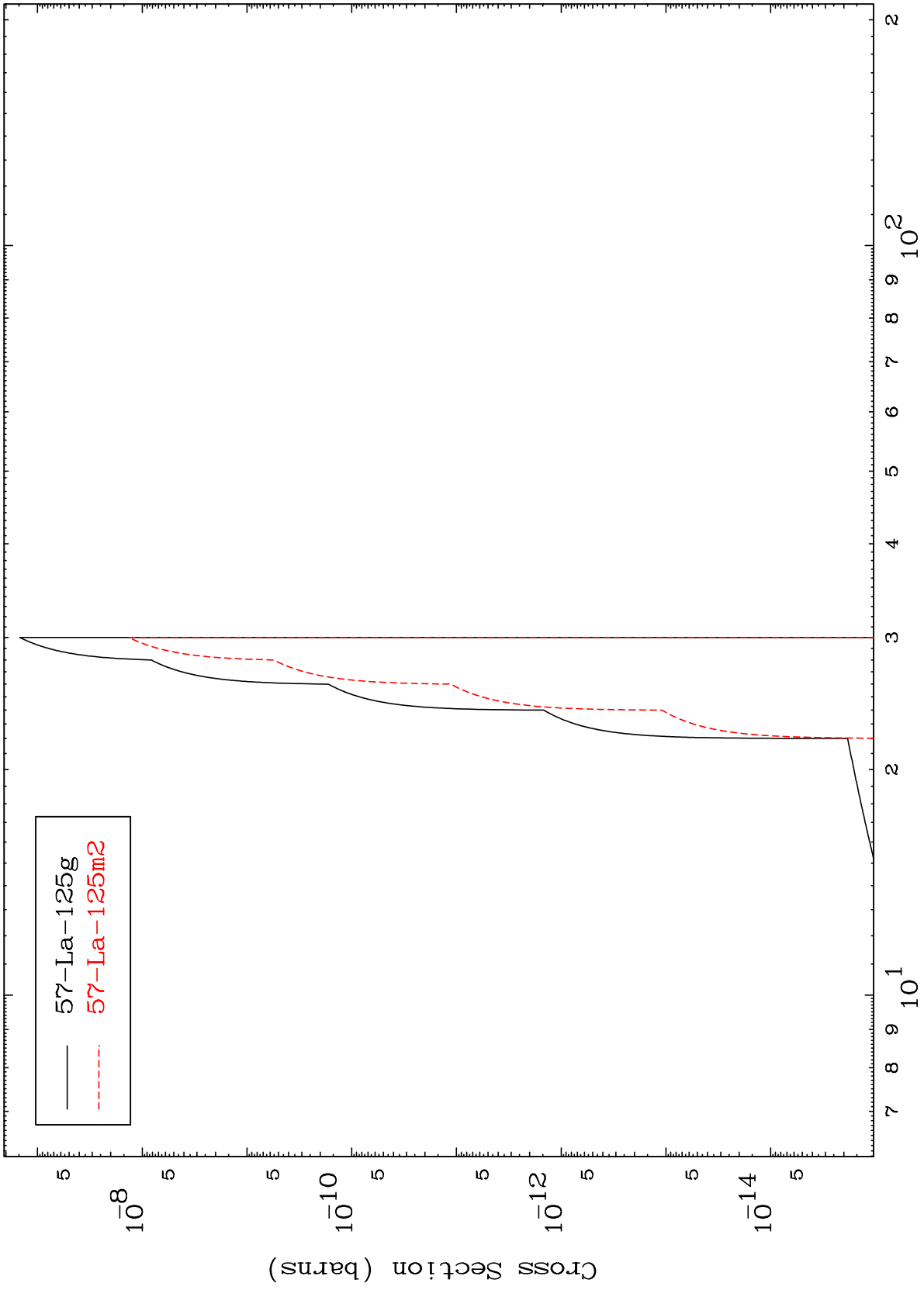


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Radionuclide Production Cross Section
(d,2n) 2 α

60-Nd-133



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Incident Energy (MeV)

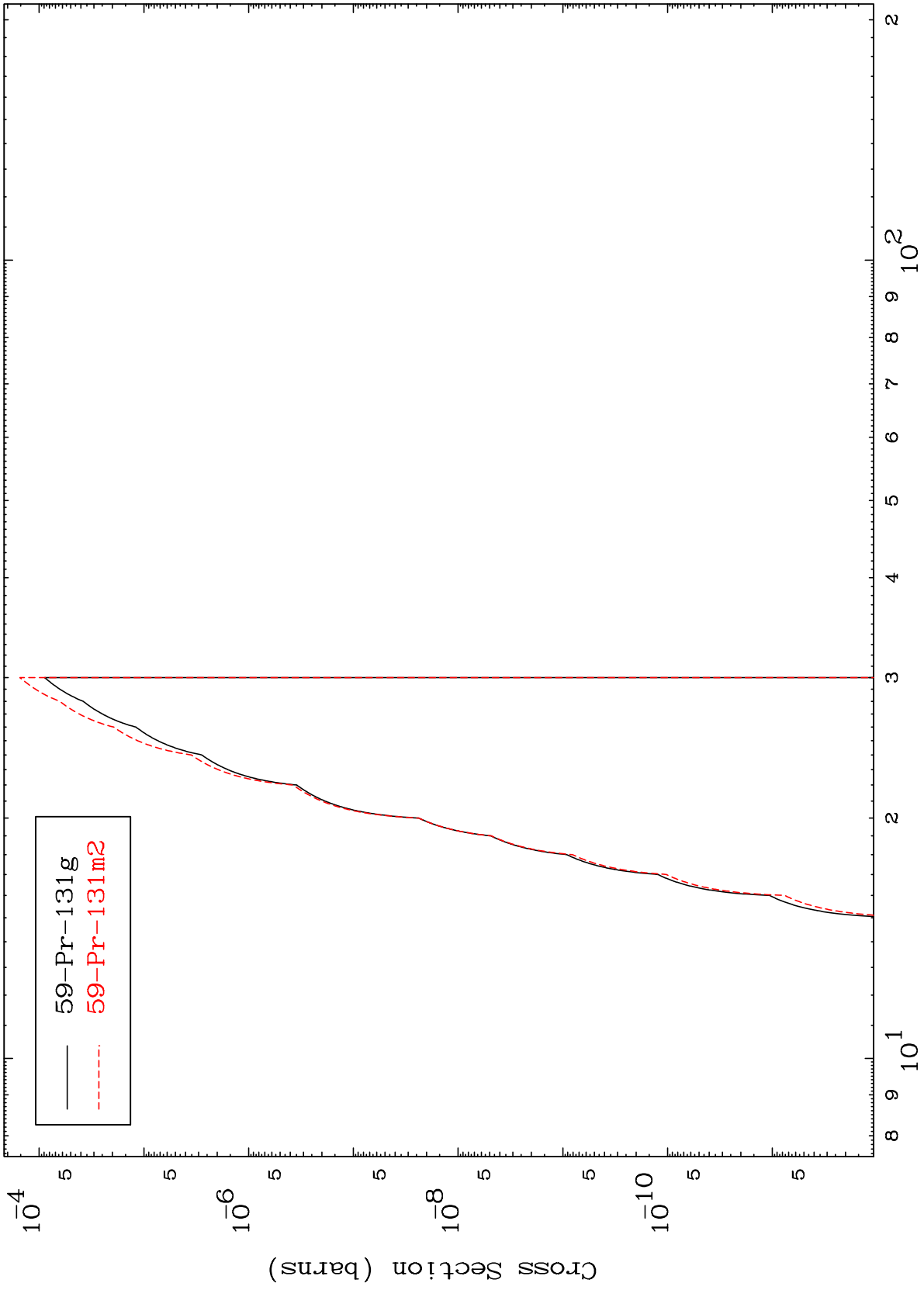
60-Nd-133

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(d, n') He-3

60-Nd-133

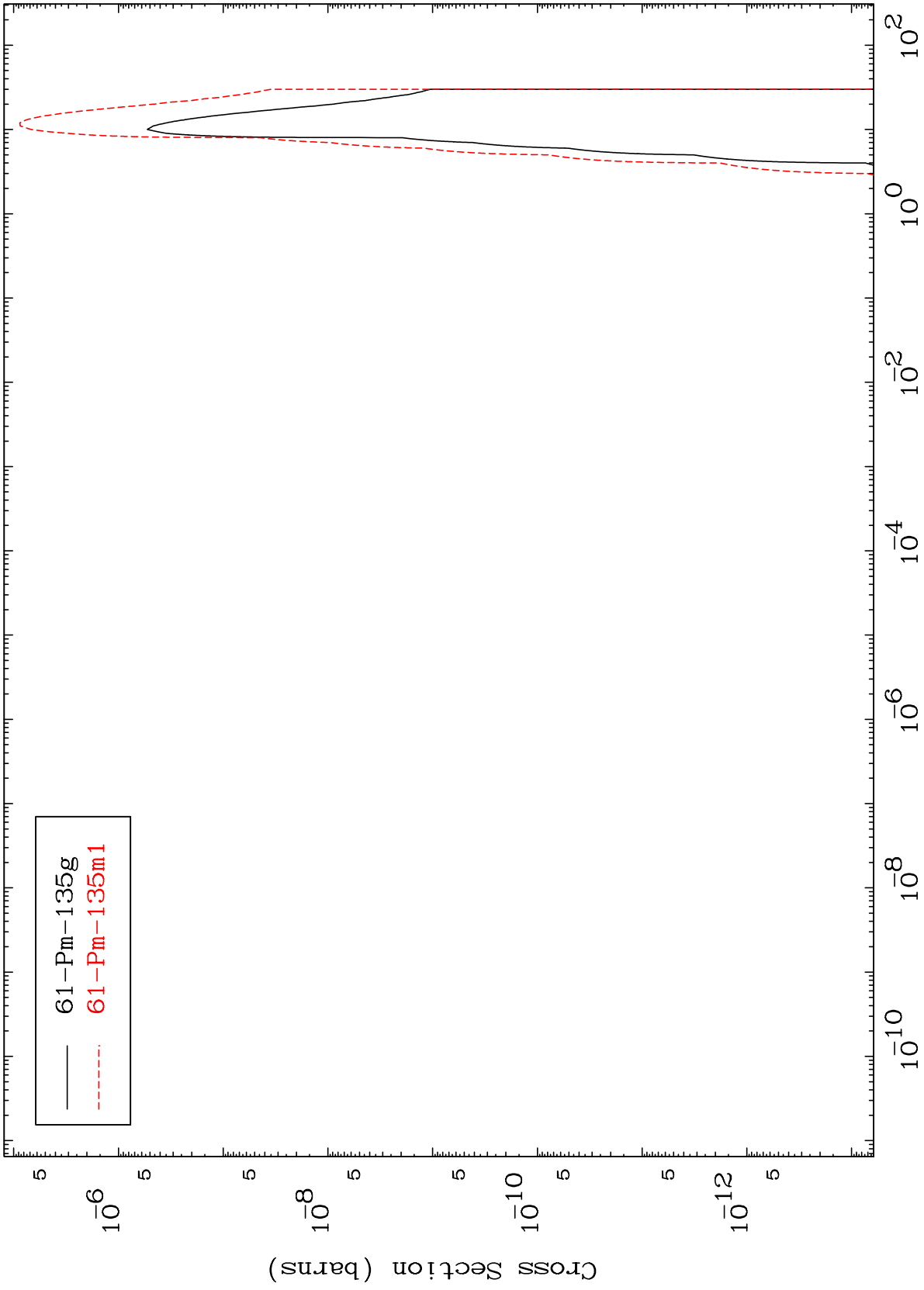
Radionuclide Production Cross Section



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(d, γ)
Radionuclide Production Cross Section

$^{60}\text{Nd}-133$



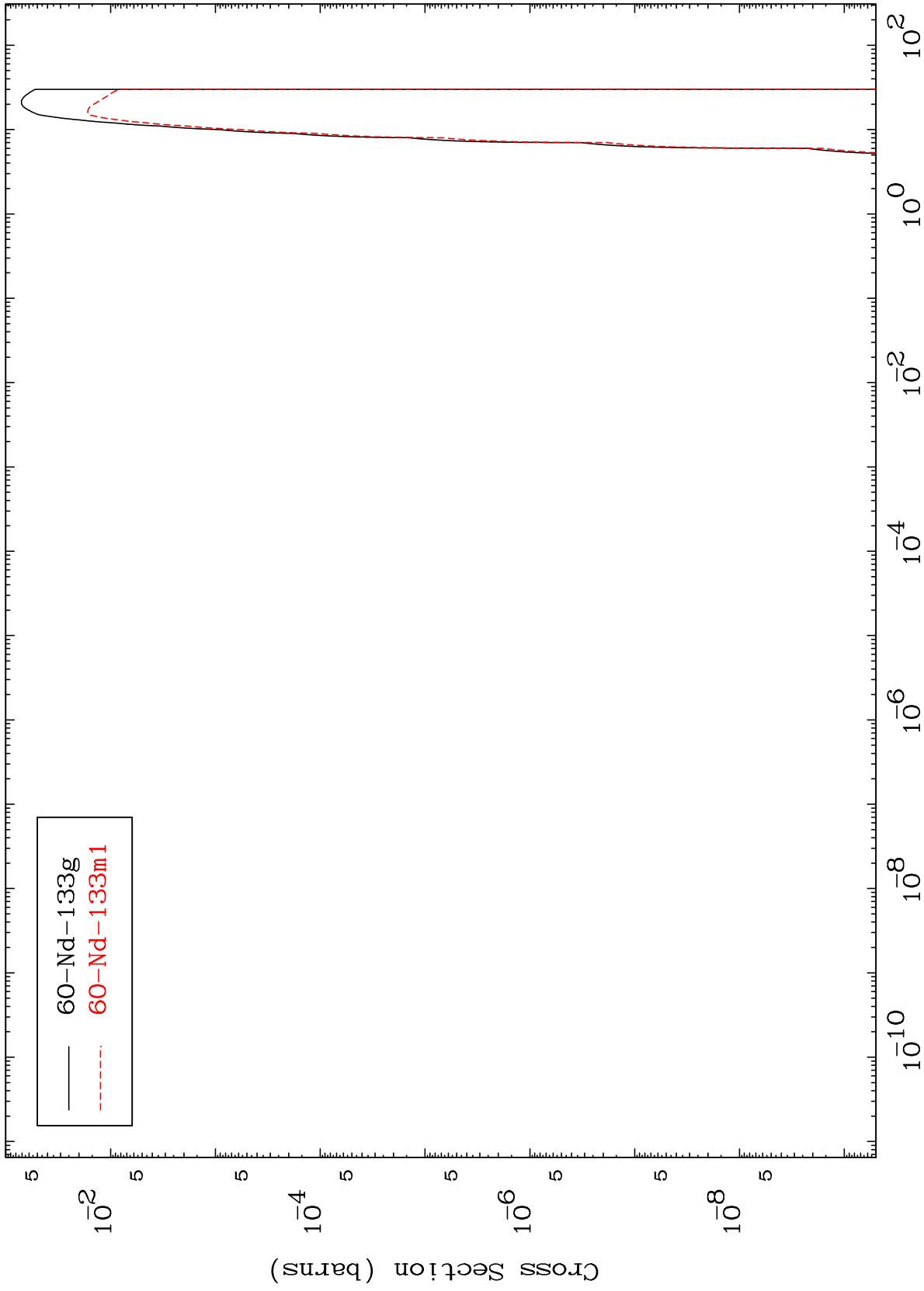
$^{60}\text{Nd}-133$

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(d,d)

⁶⁰Nd-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

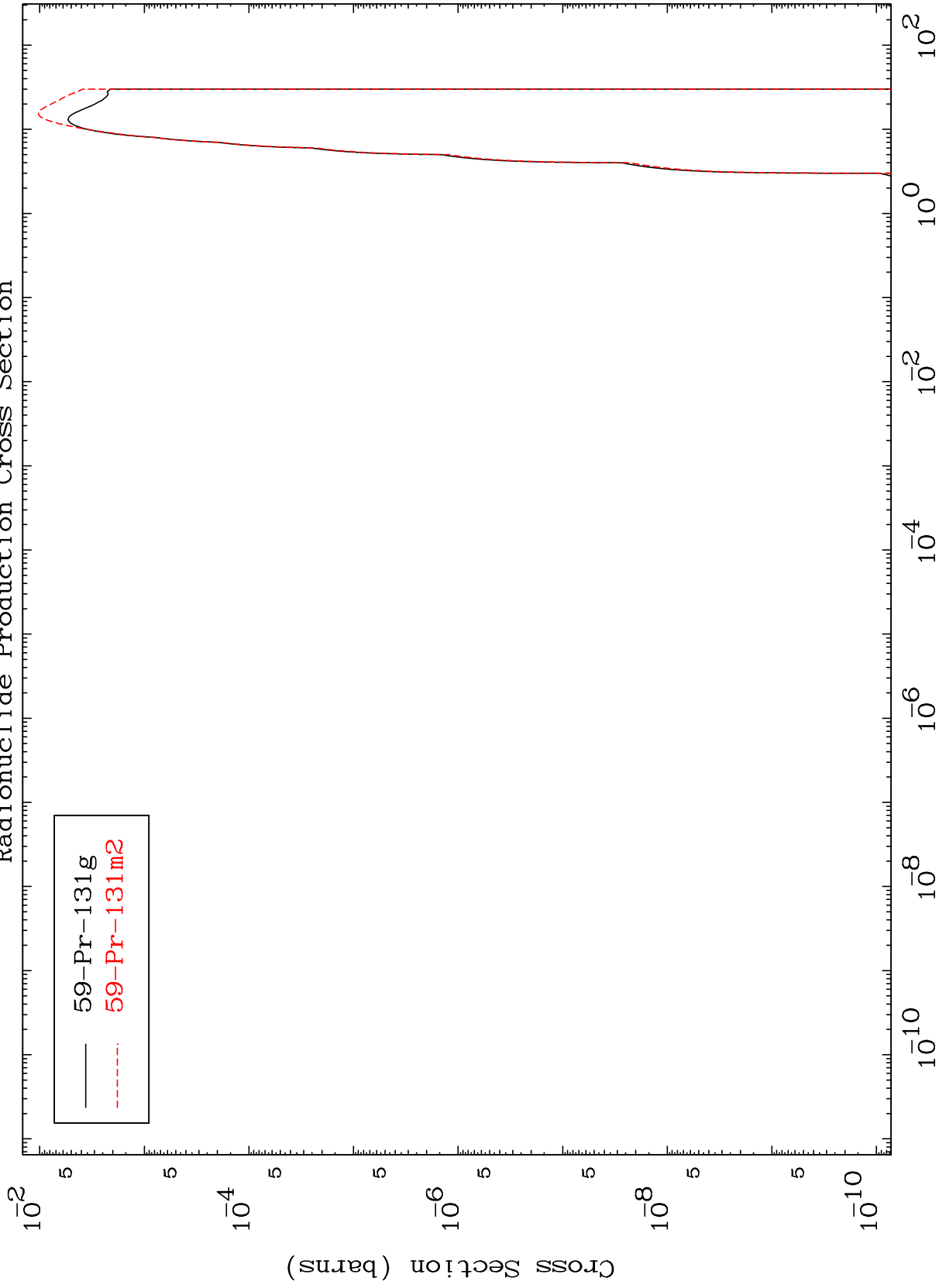
⁶⁰Nd-133

MAT 5999

(d, α)

⁶⁰Nd-133

Radionuclide Production Cross Section

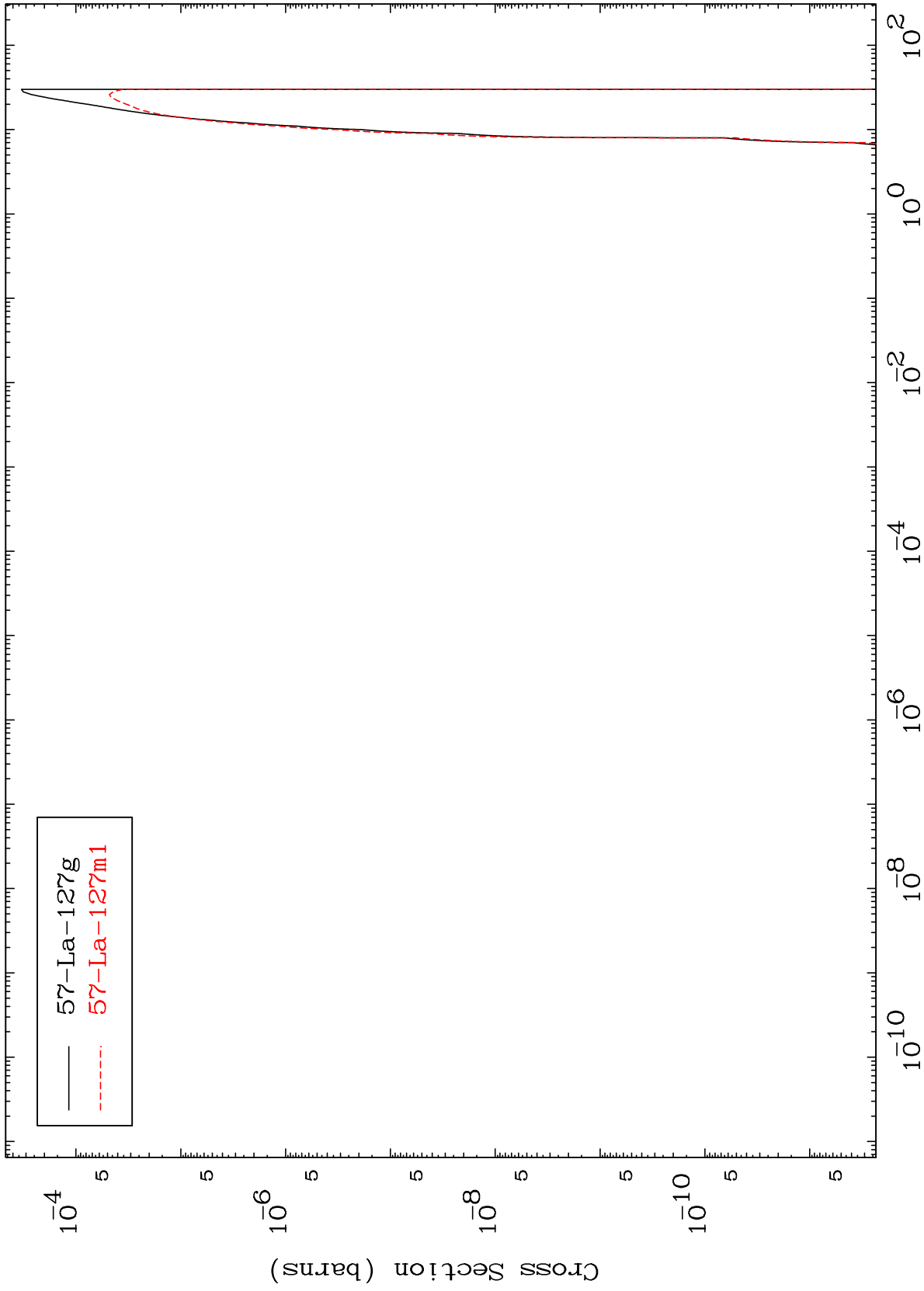


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(d,2α)

60-Nd-133

Radionuclide Production Cross Section



22

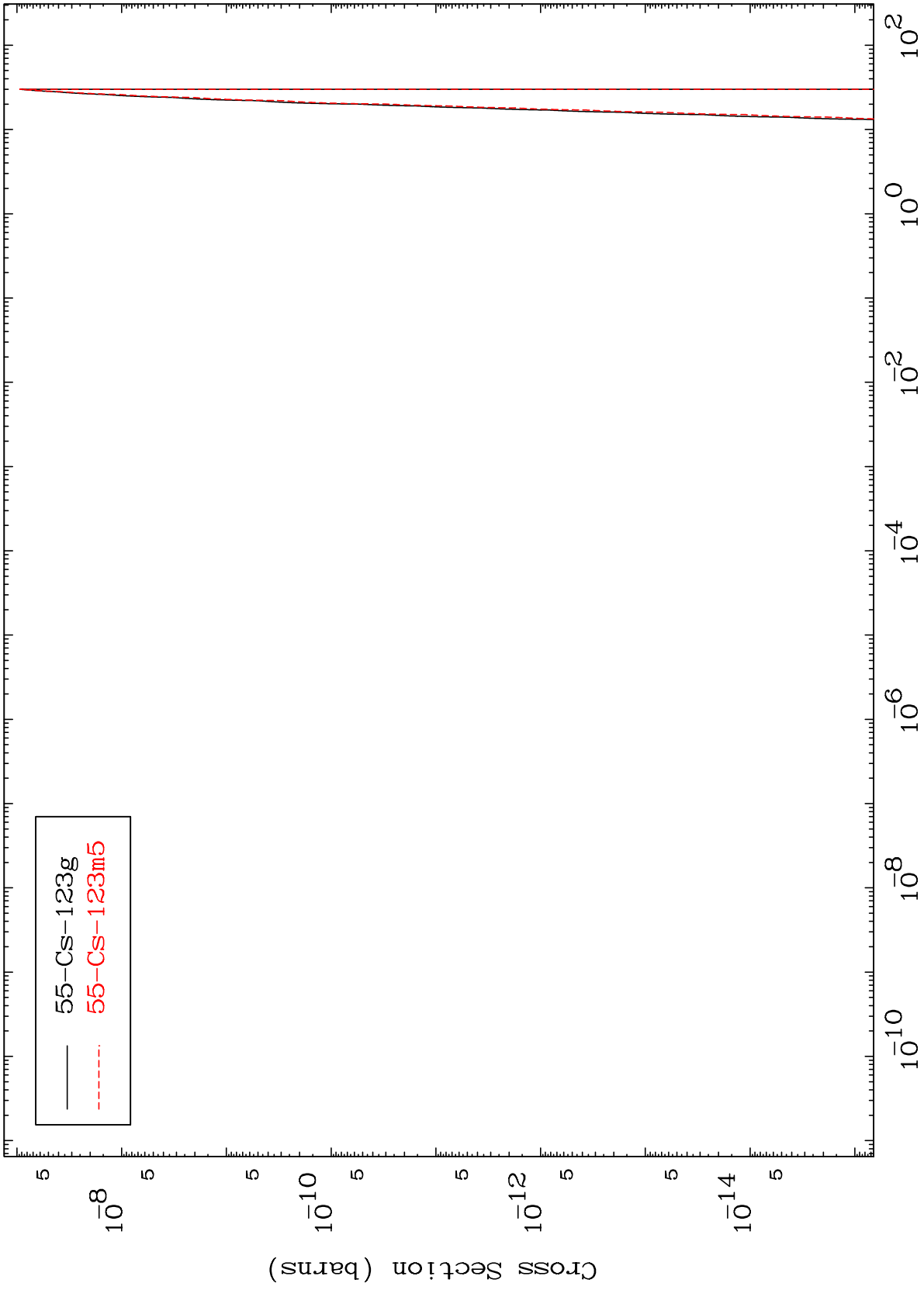
Incident Energy (MeV)

60-Nd-133

MAT 5999

(d,3 α)
Radionuclide Production Cross Section

60-Nd-133



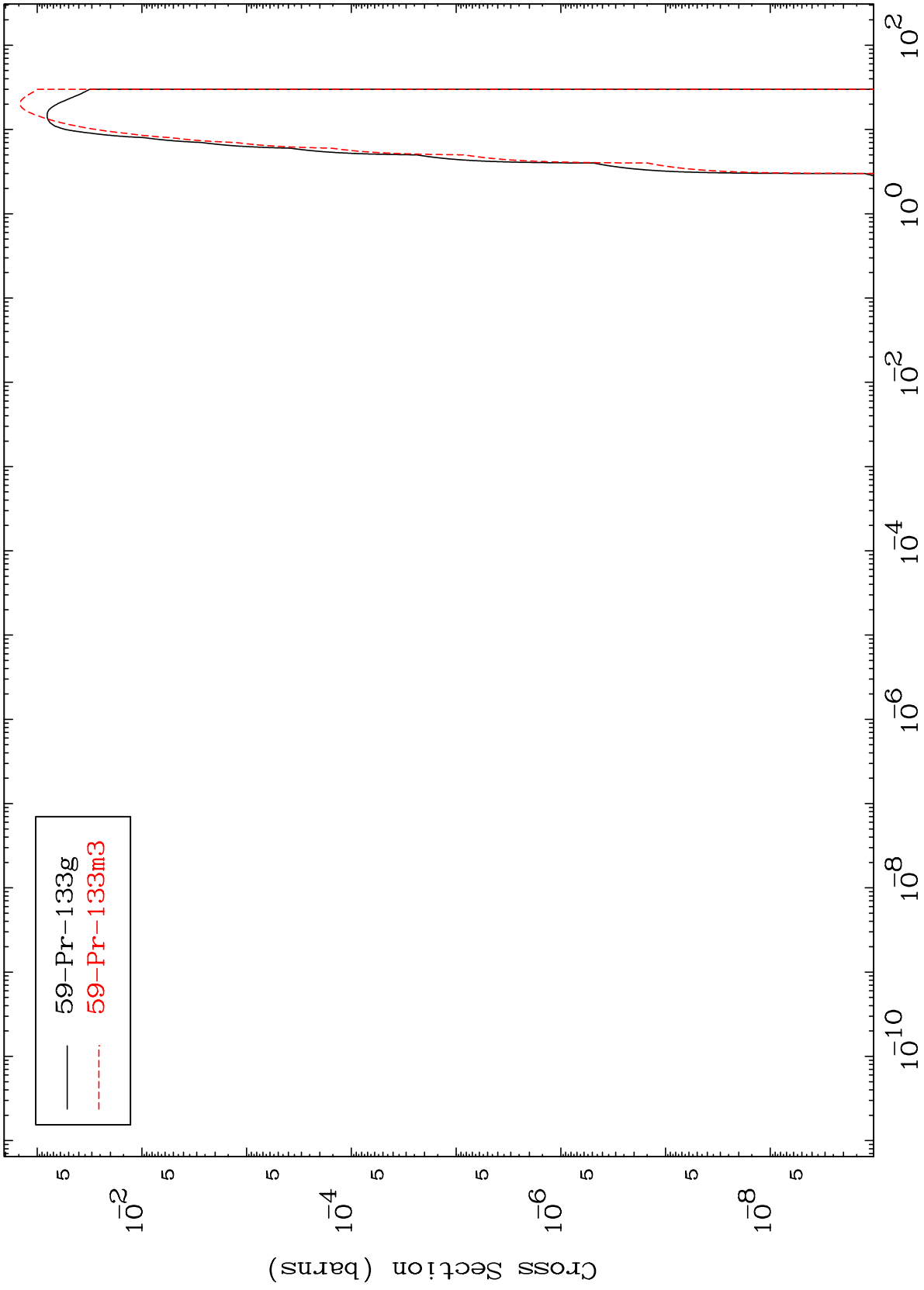
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60-Nd-133

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Radionuclide Production Cross Section
(d,2p)

60-Nd-133



24

Incident Energy (MeV)

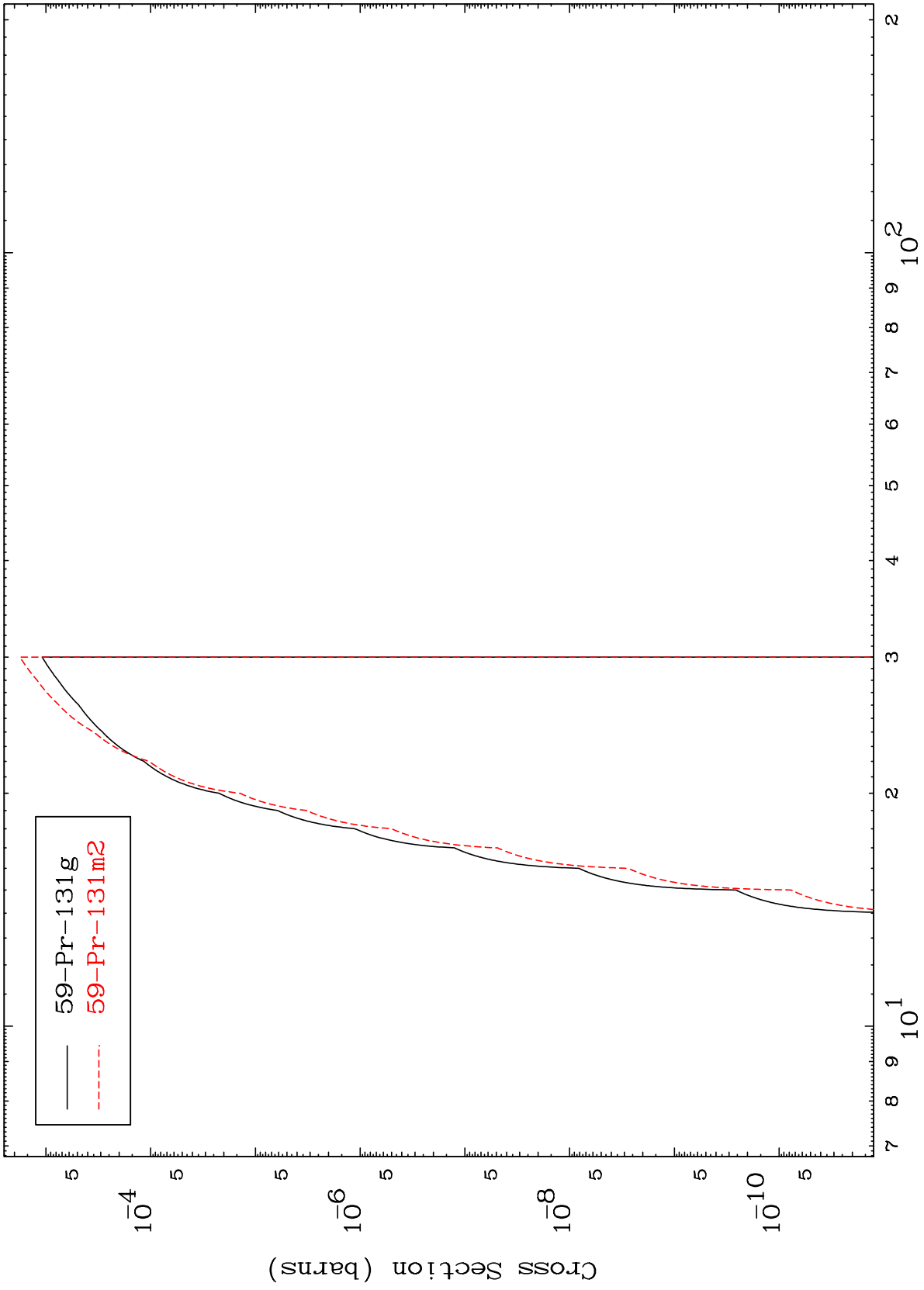
60-Nd-133

MAT 5999

(d,p) t

60-Nd-133

Radionuclide Production Cross Section



25

Incident Energy (MeV)

60-Nd-133