

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

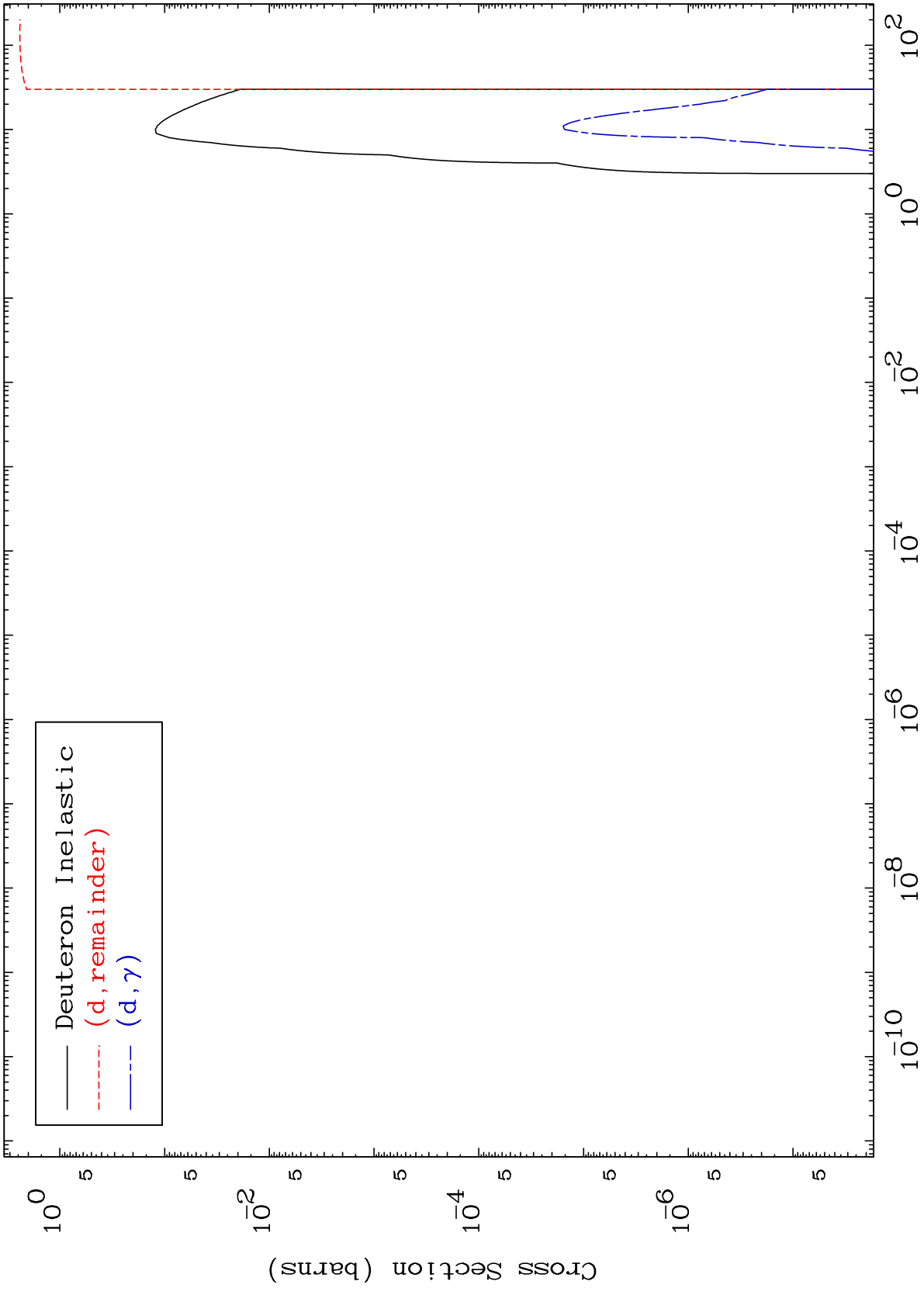
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Web:redcullen1.net/HOMEPAGE.NEW

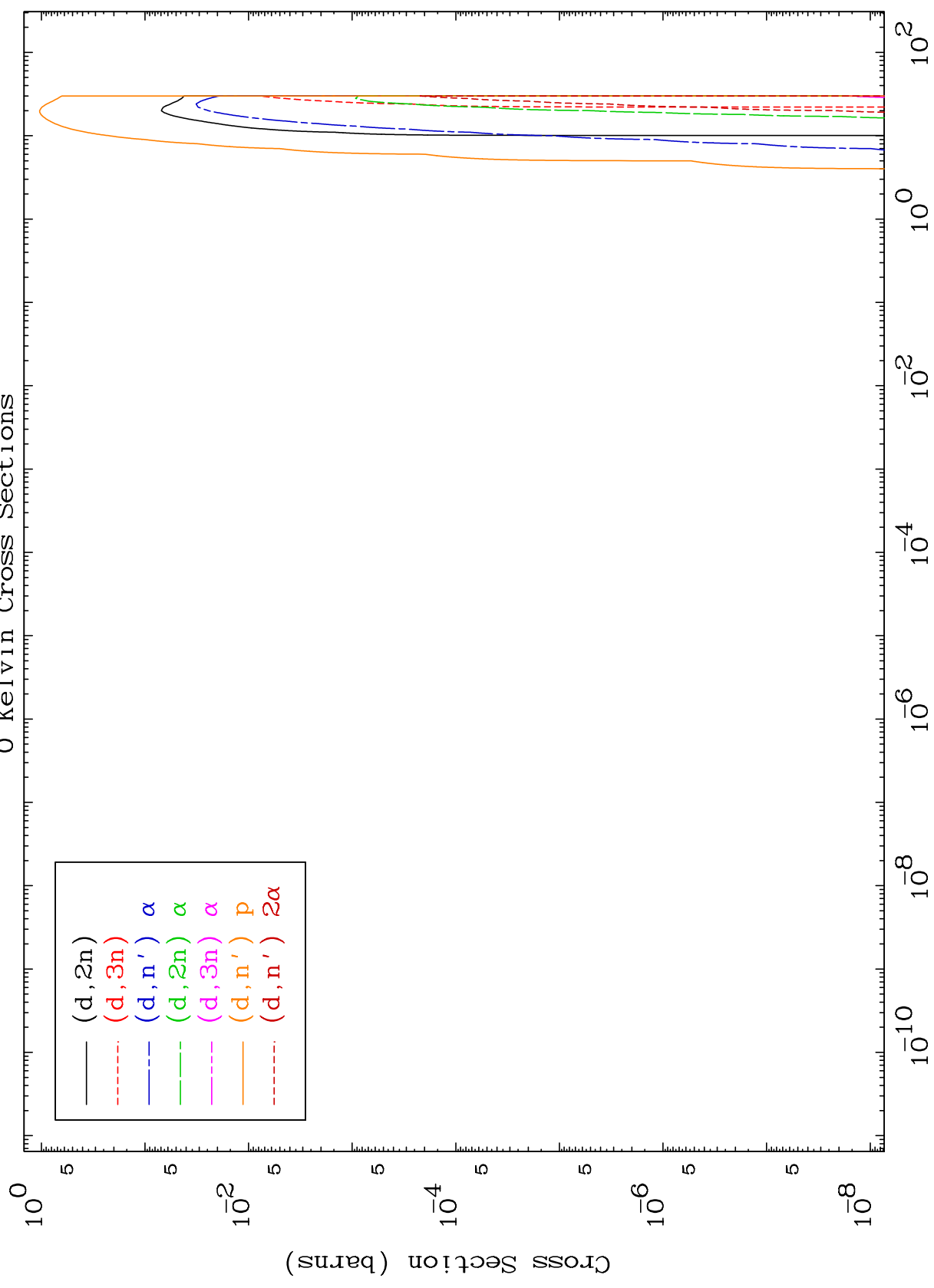
Press Mouse Button to Start

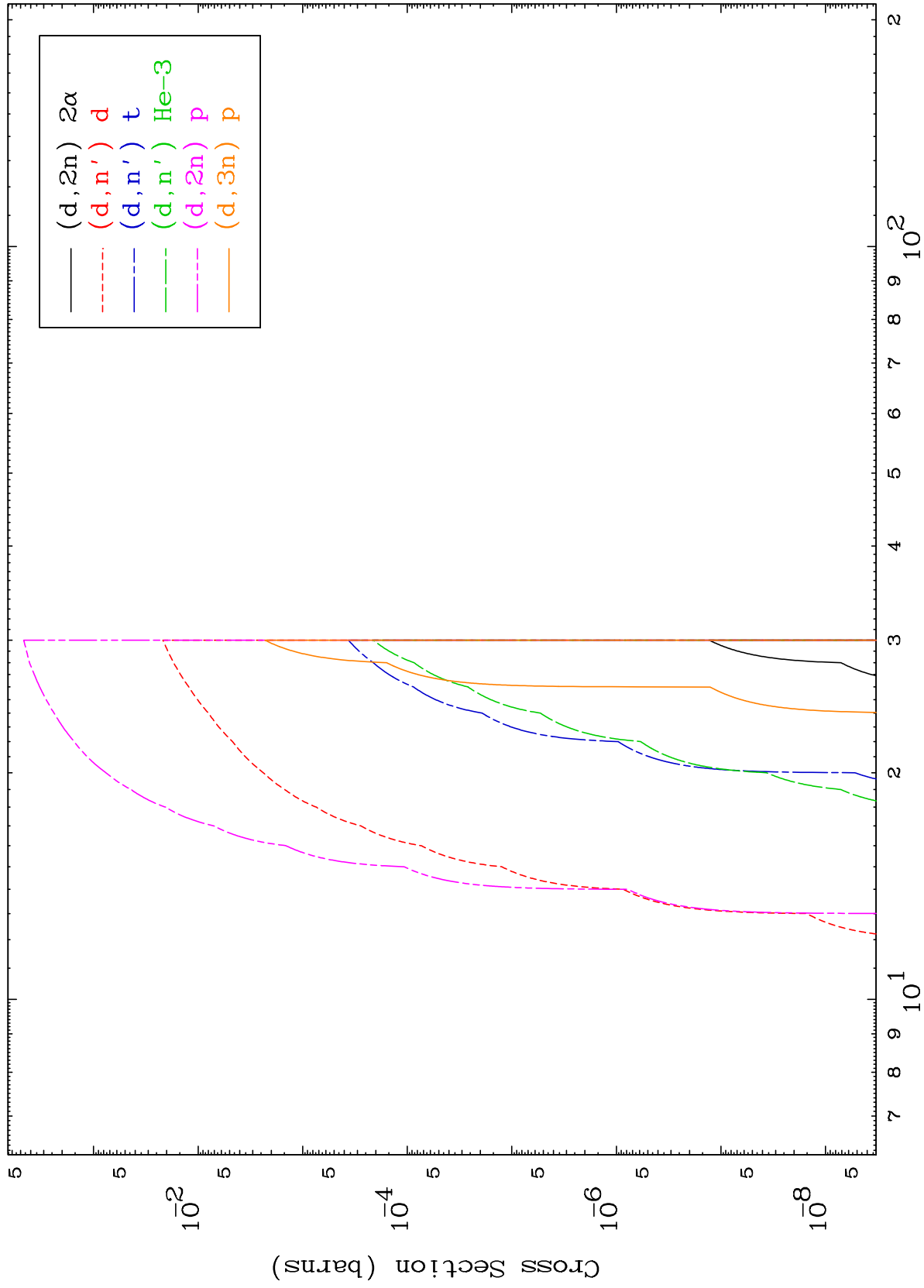


MAT 5998

Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-133

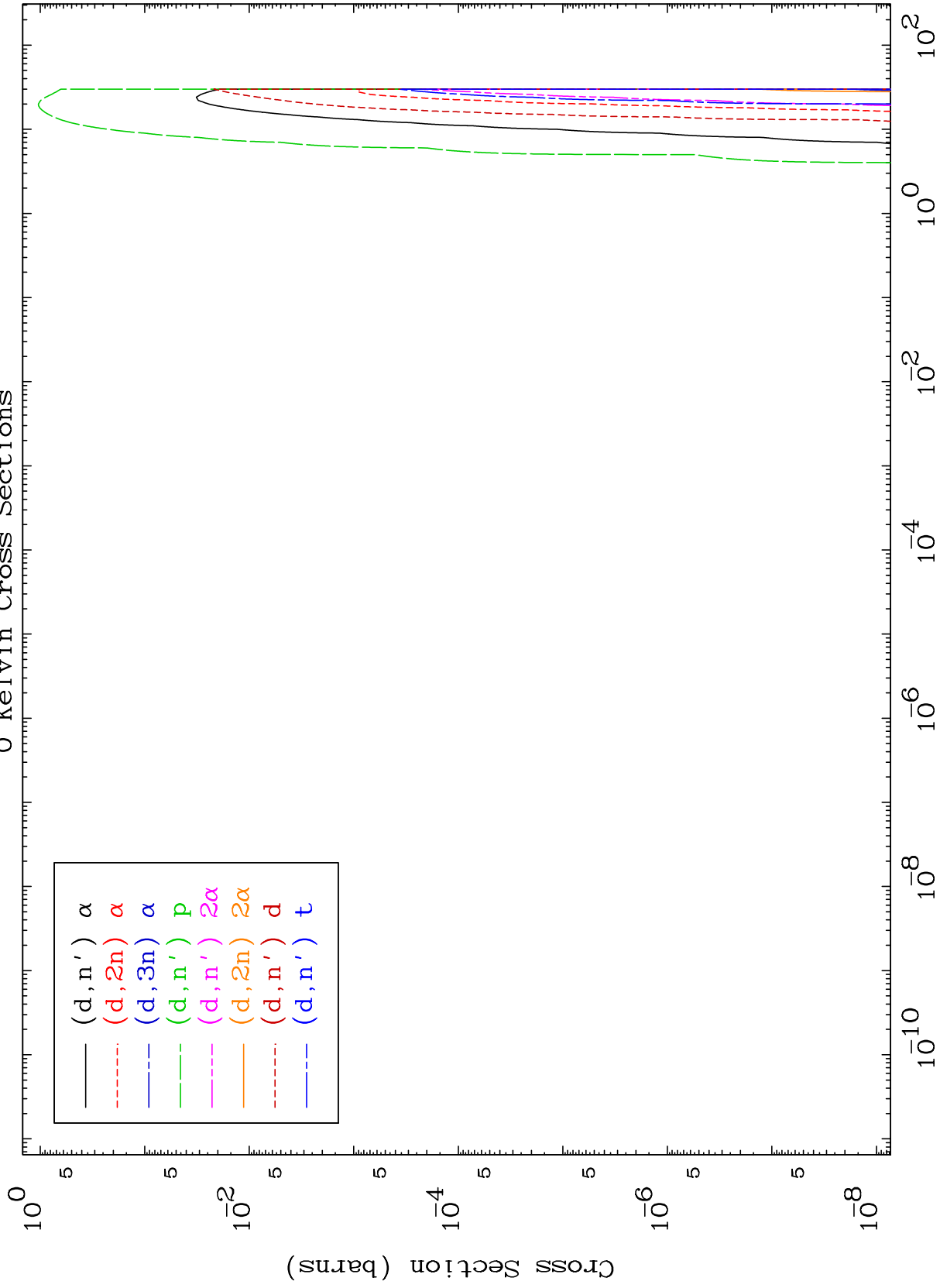




MAT 5998

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-133

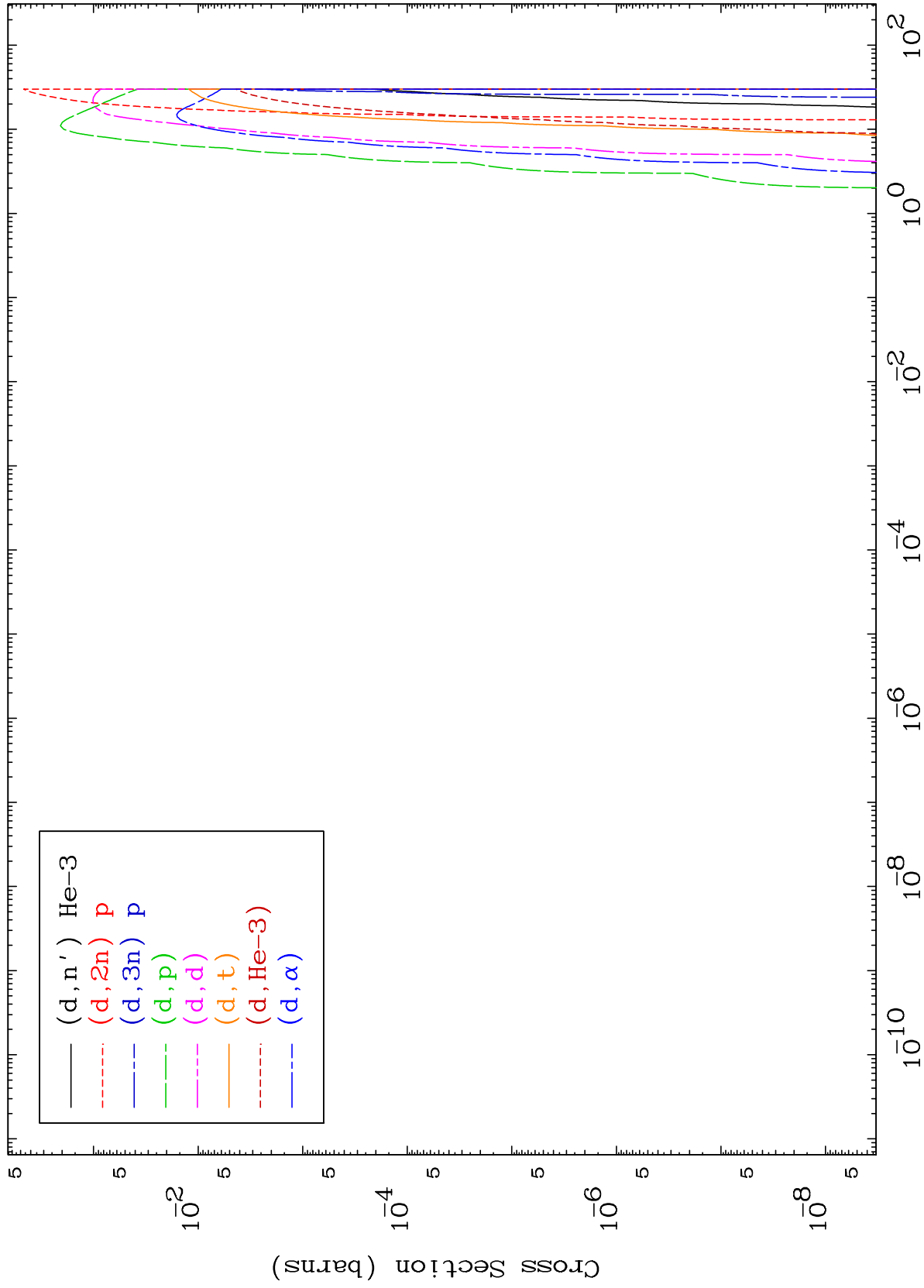


60-Nd-133

MAT 5998

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-133



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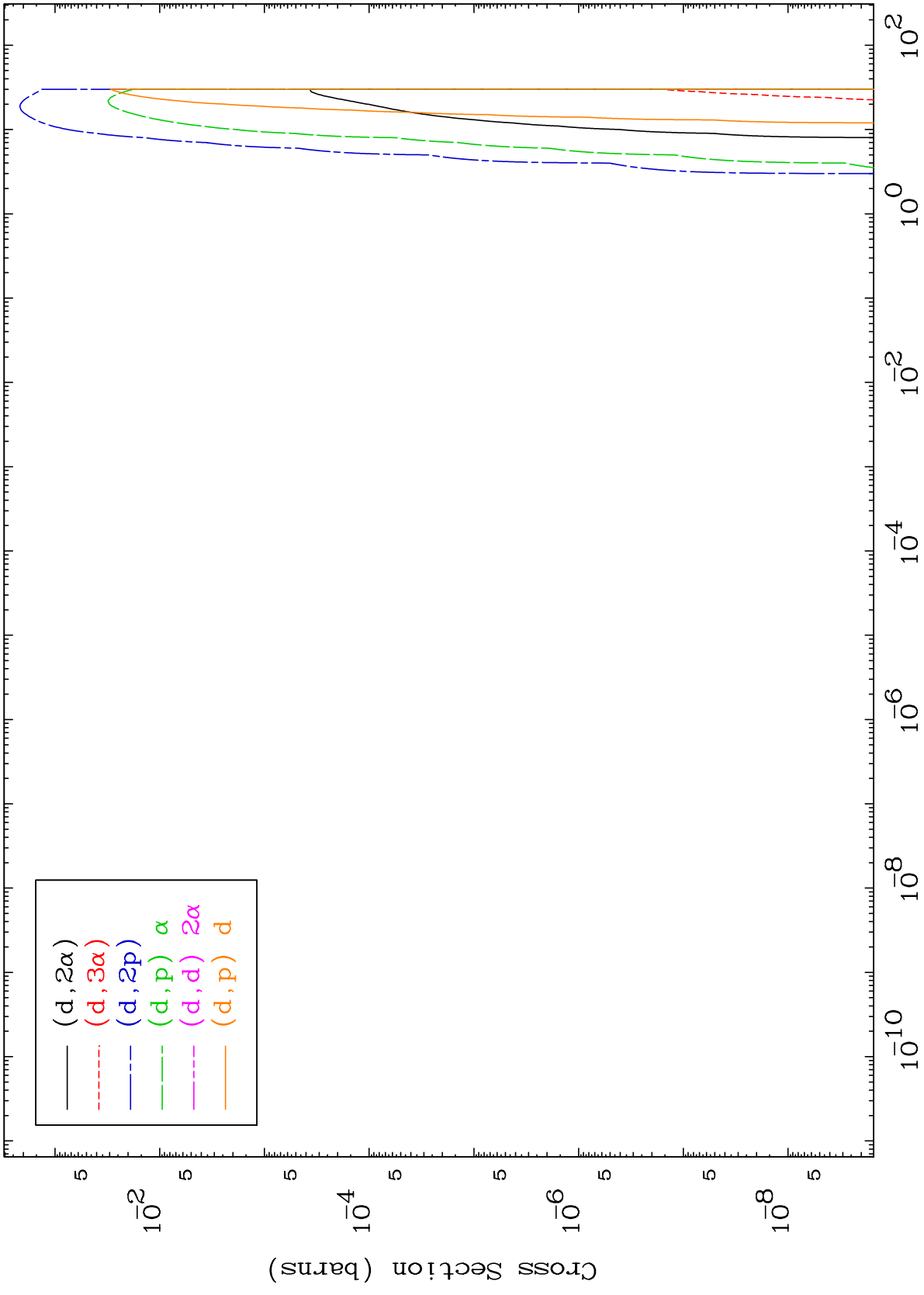
Incident Energy (MeV)

60-Nd-133

MAT 5998

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-133

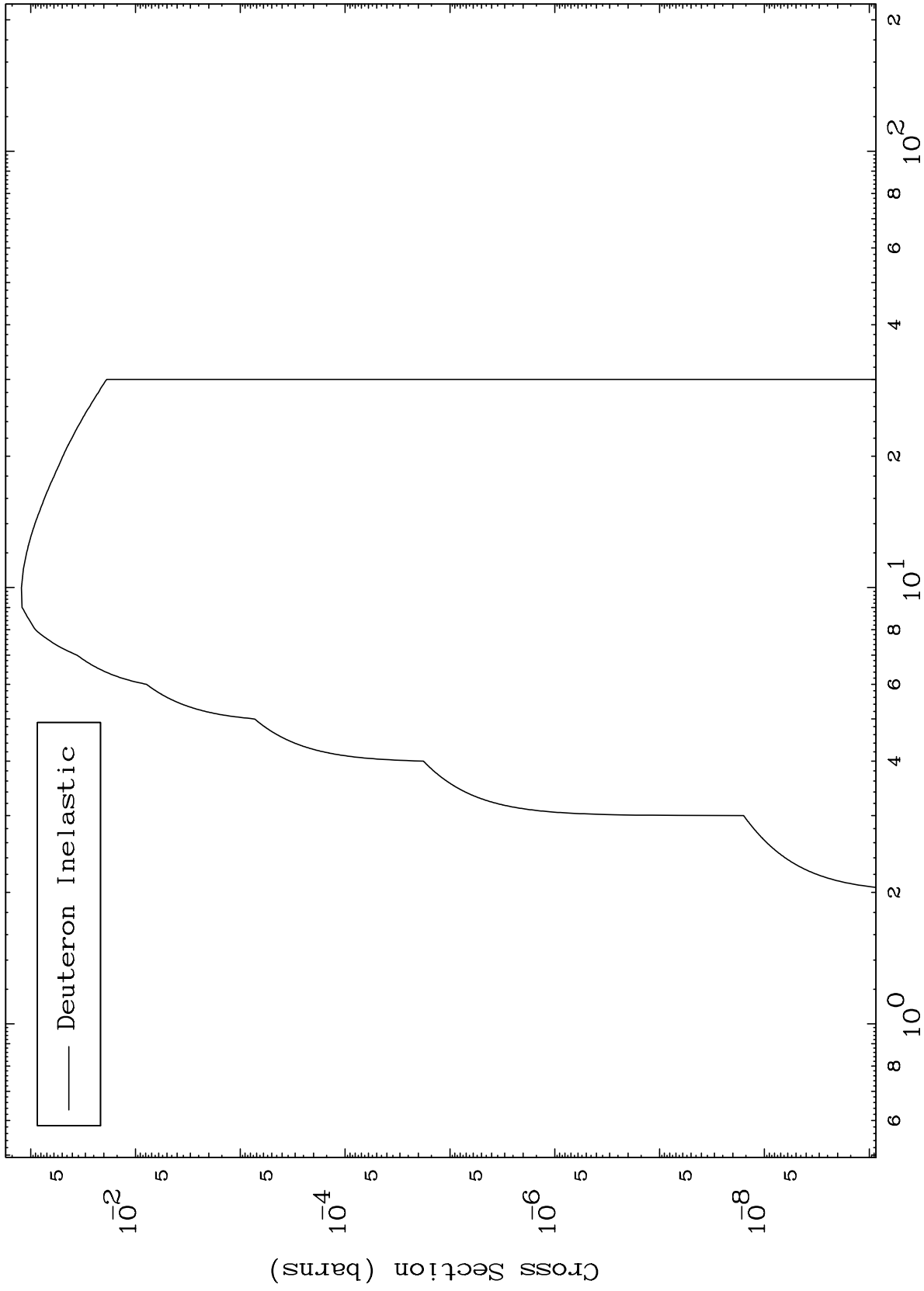


60-Nd-133

MAT 5998

60-Nd-133

(d,n') Level
0 Kelvin Cross Sections



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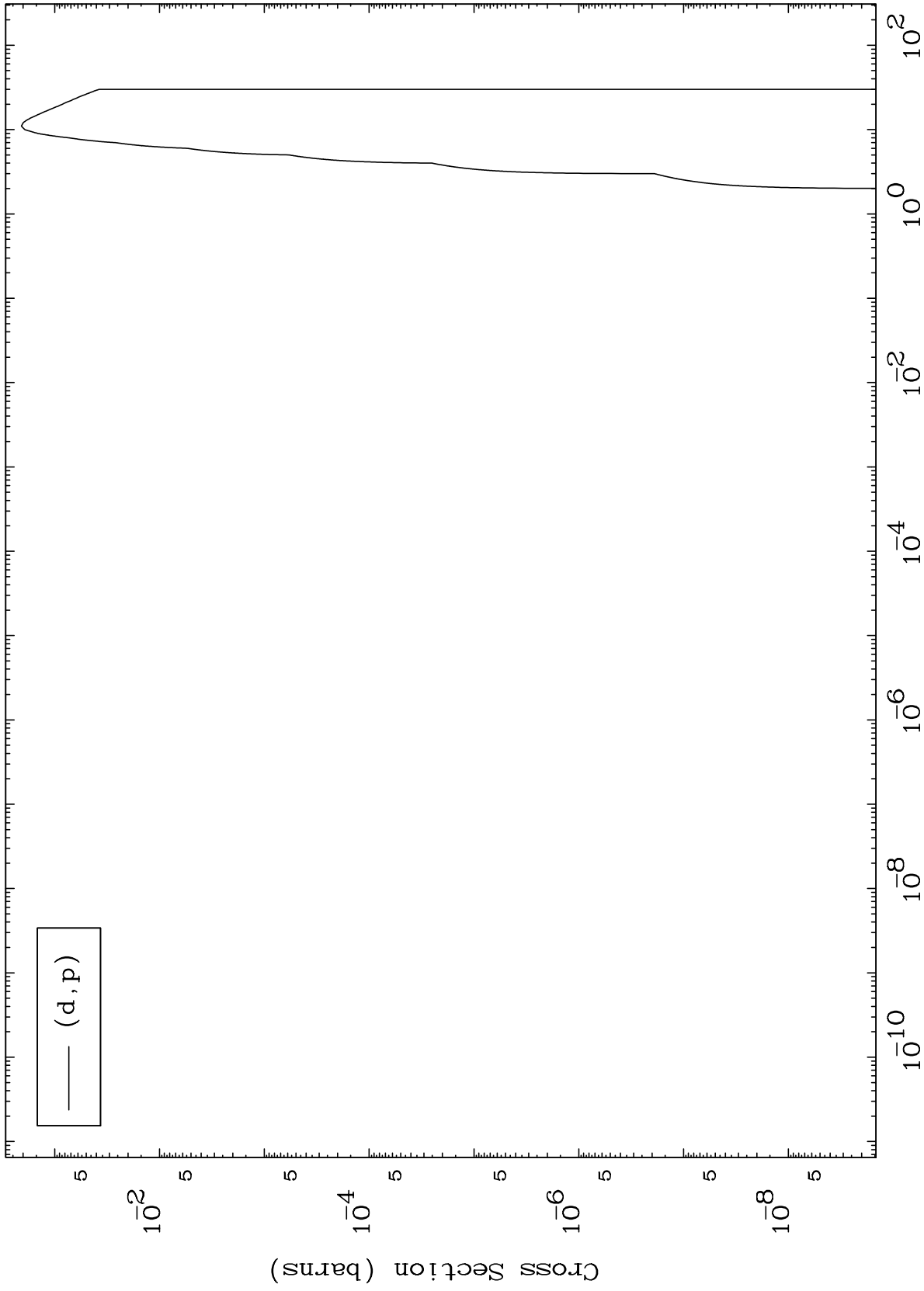
Incident Energy (MeV)

60-Nd-133

MAT 5998

(d,p) Levels
0 Kelvin Cross Sections

60-Nd-133



8

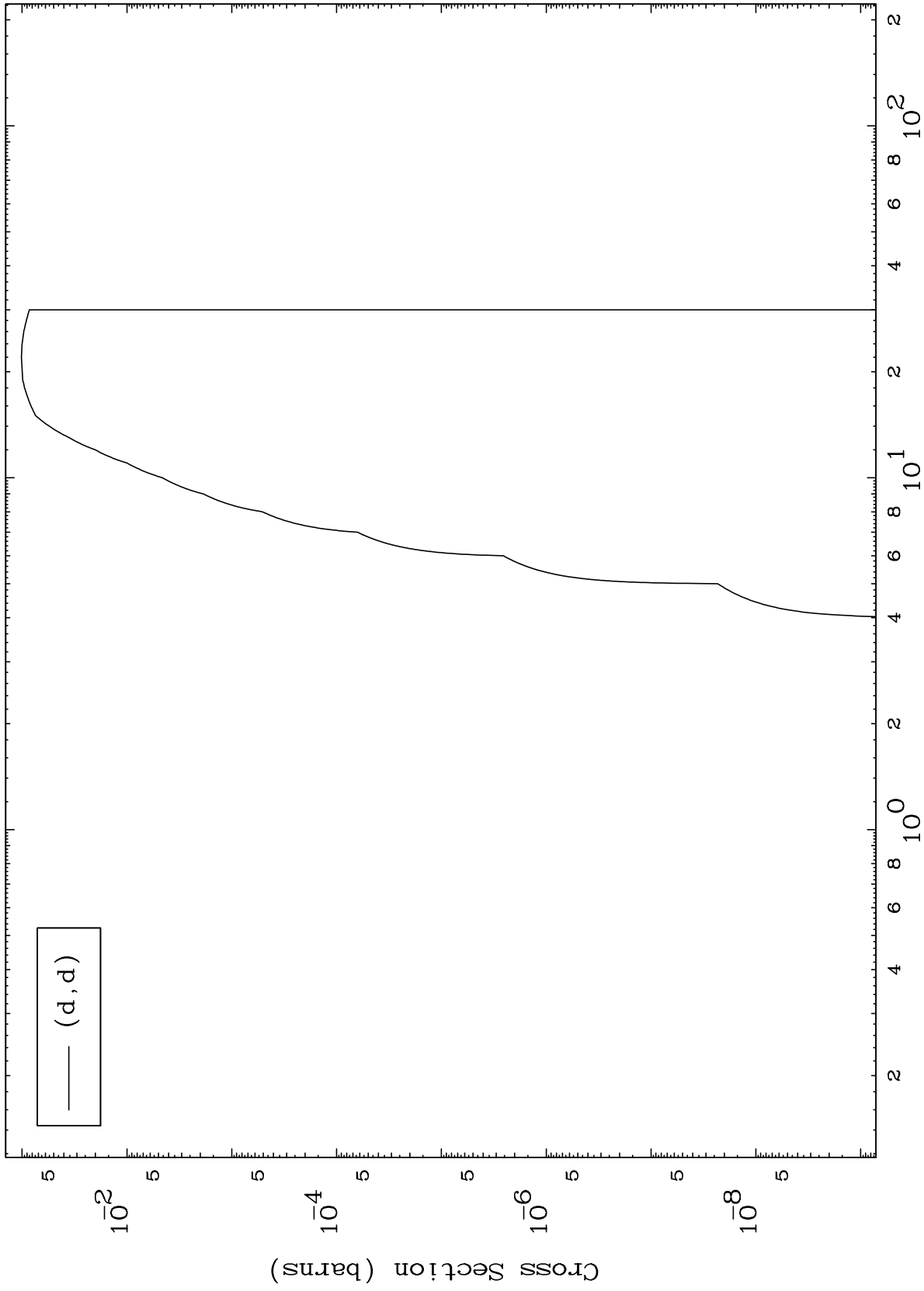
Incident Energy (MeV)

60-Nd-133

MAT 5998

(d,d) Levels
0 Kelvin Cross Sections

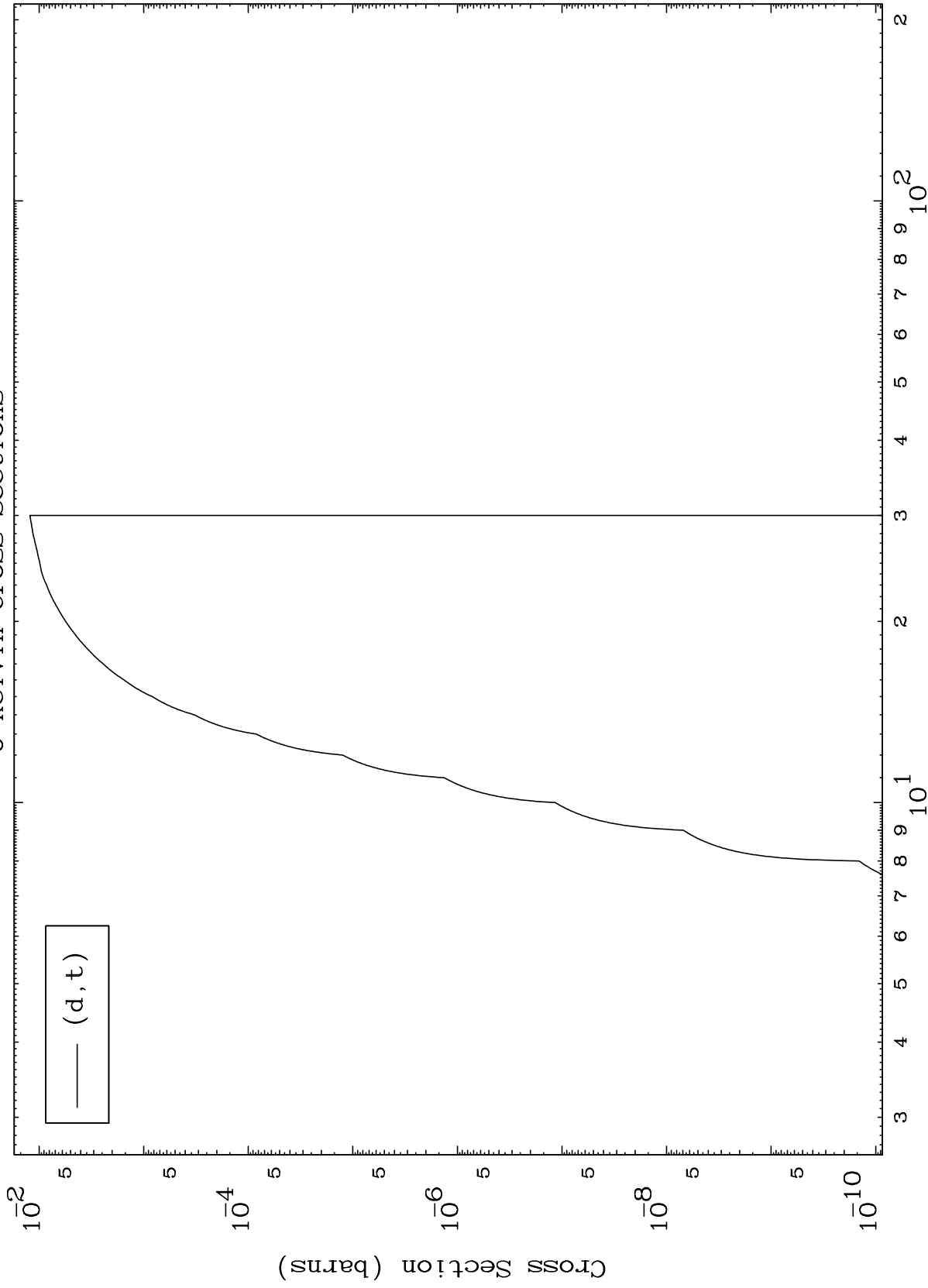
60-Nd-133



MAT 5998

(d,t) Levels
0 Kelvin Cross Sections

60-Nd-133



10

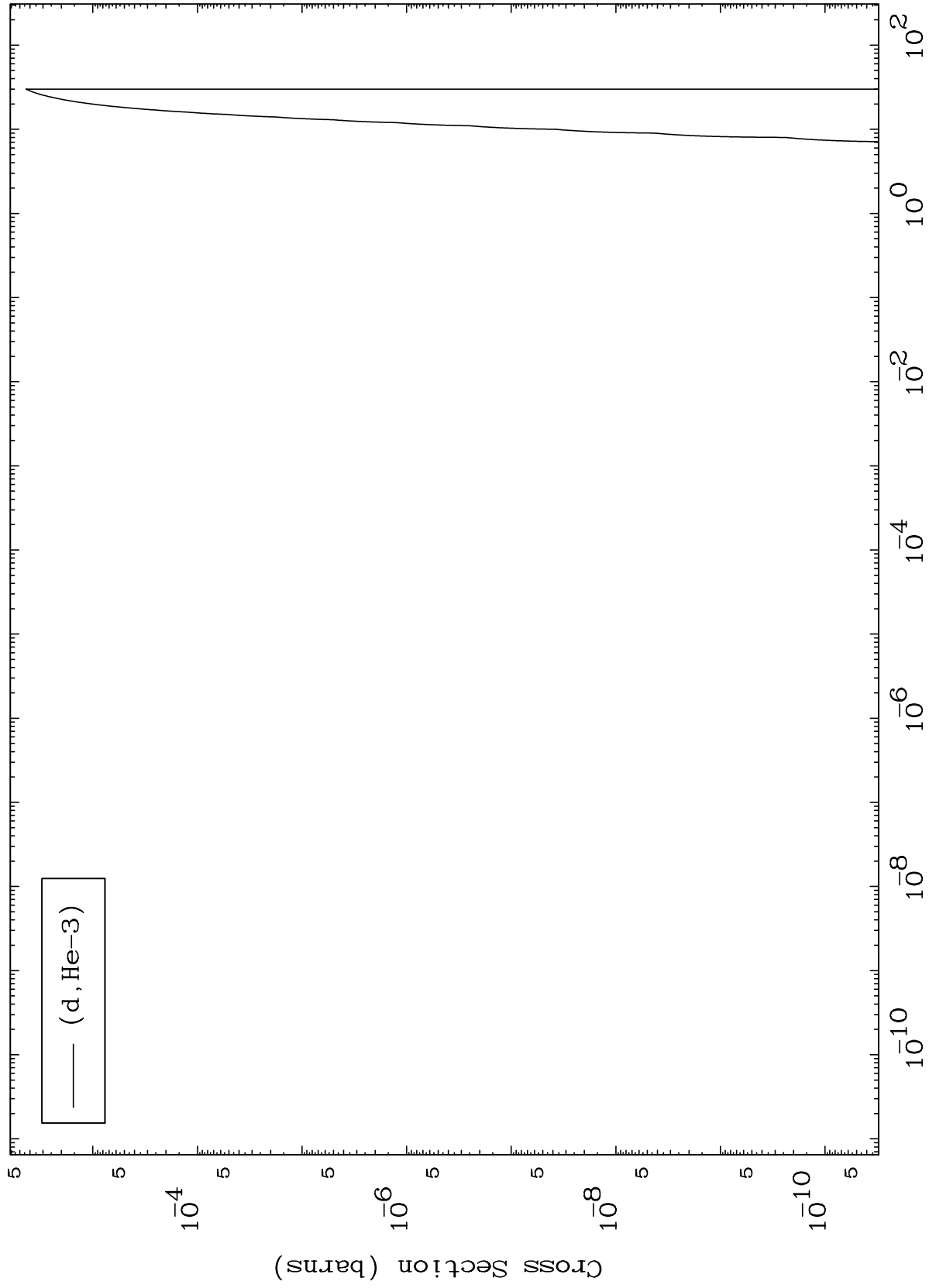
Incident Energy (MeV)

60-Nd-133

MAT 5998

(d,He3) Levels
0 Kelvin Cross Sections

60-Nd-133



11

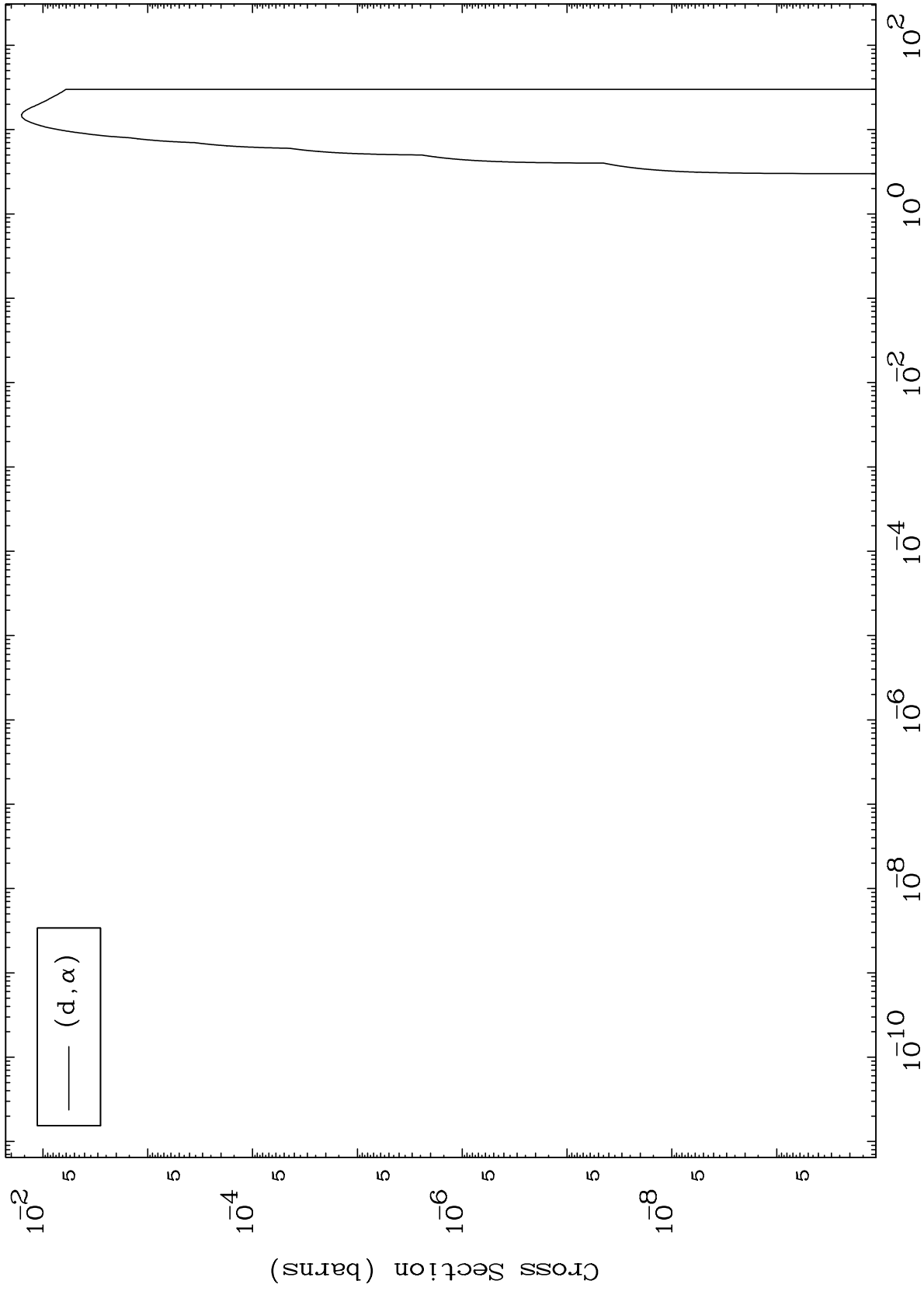
Incident Energy (MeV)

60-Nd-133

MAT 5998

(d, α) Levels
0 Kelvin Cross Sections

60-Nd-133



12

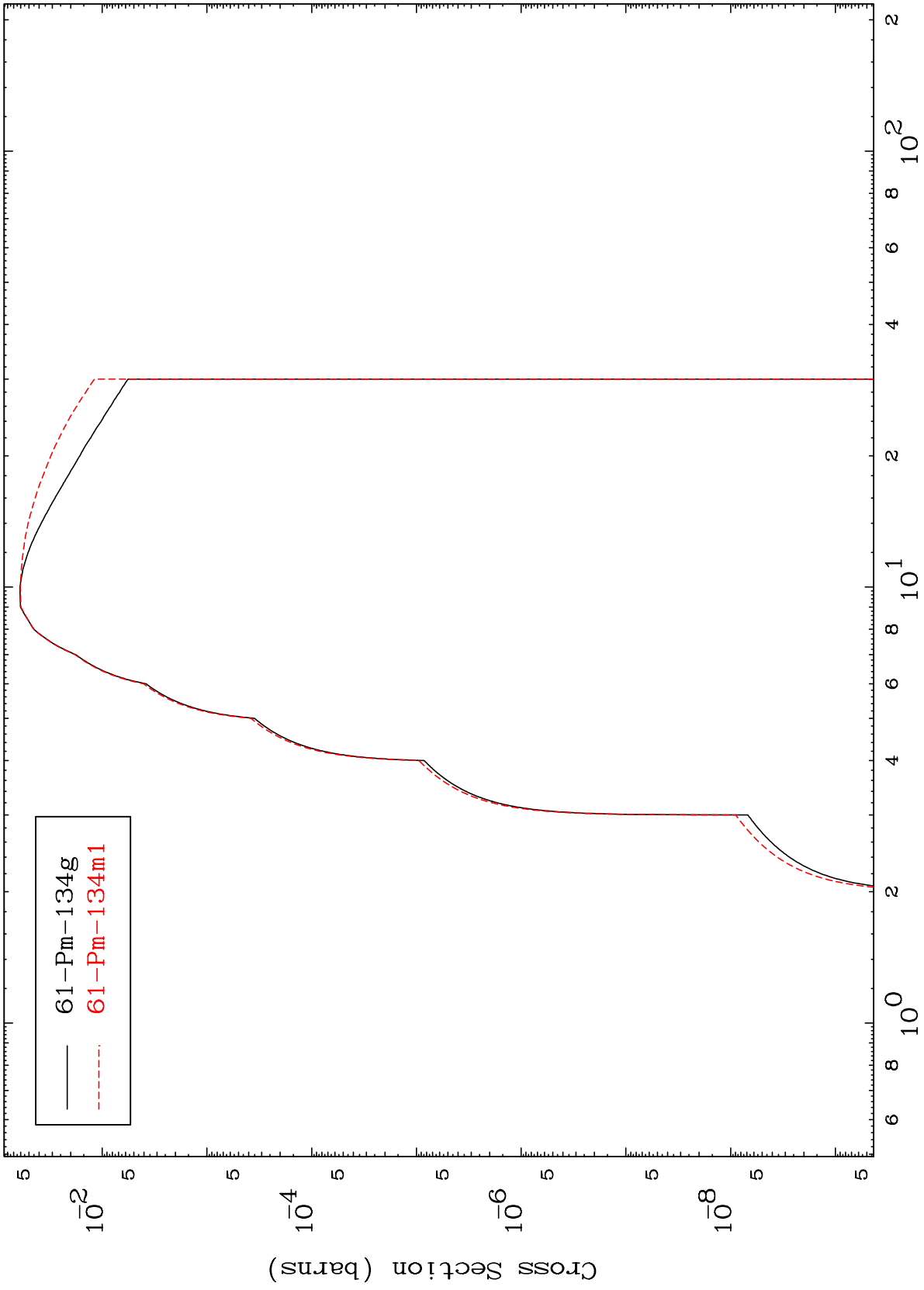
Incident Energy (MeV)

60-Nd-133

MAT 5998

Deuteron Inelastic
Radionuclide Production Cross Section

60-Nd-133



13

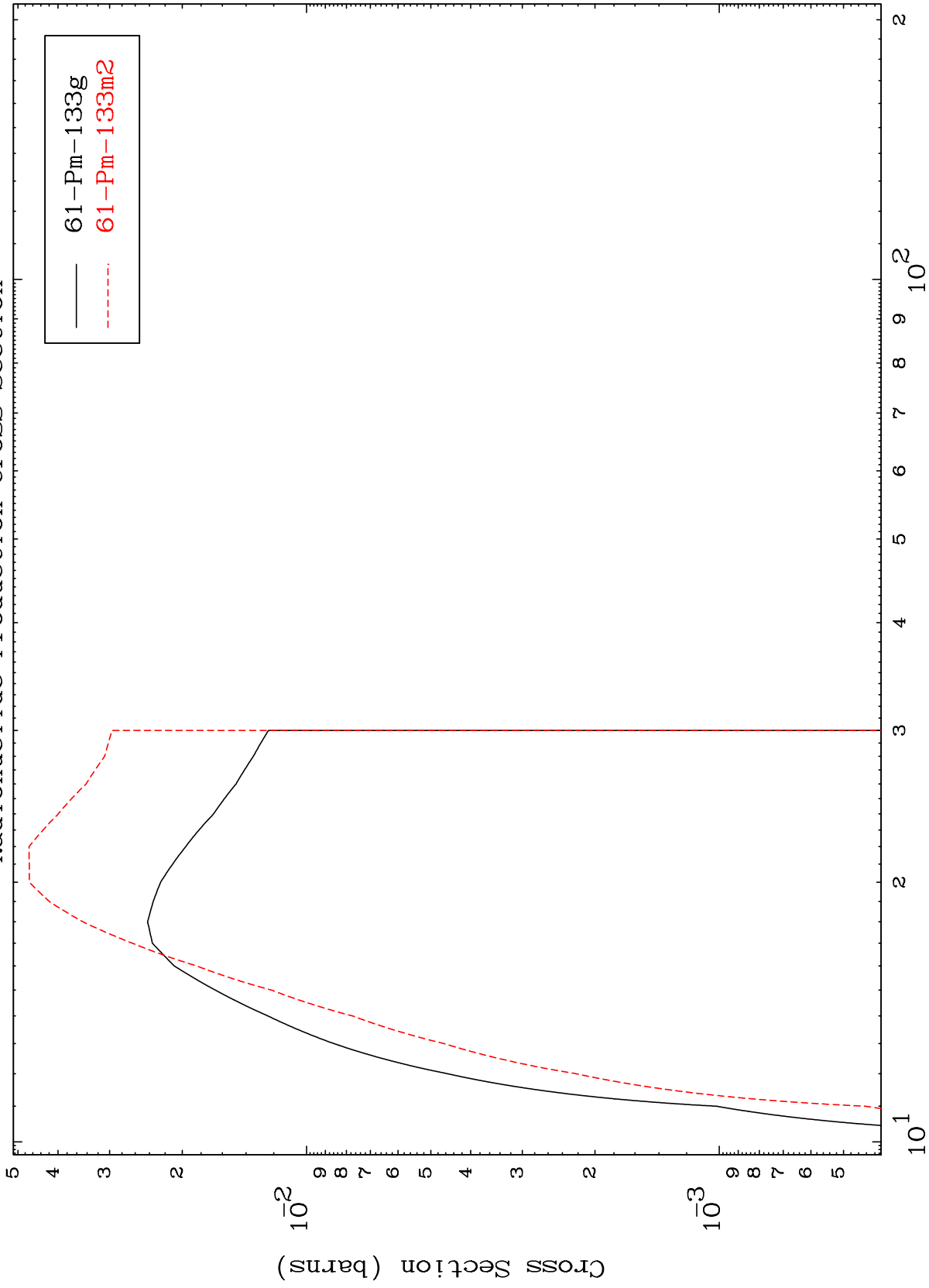
Incident Energy (MeV)

60-Nd-133

MAT 5998

60-Nd-133

(d,2n)
Radionuclide Production Cross Section



60-Nd-133

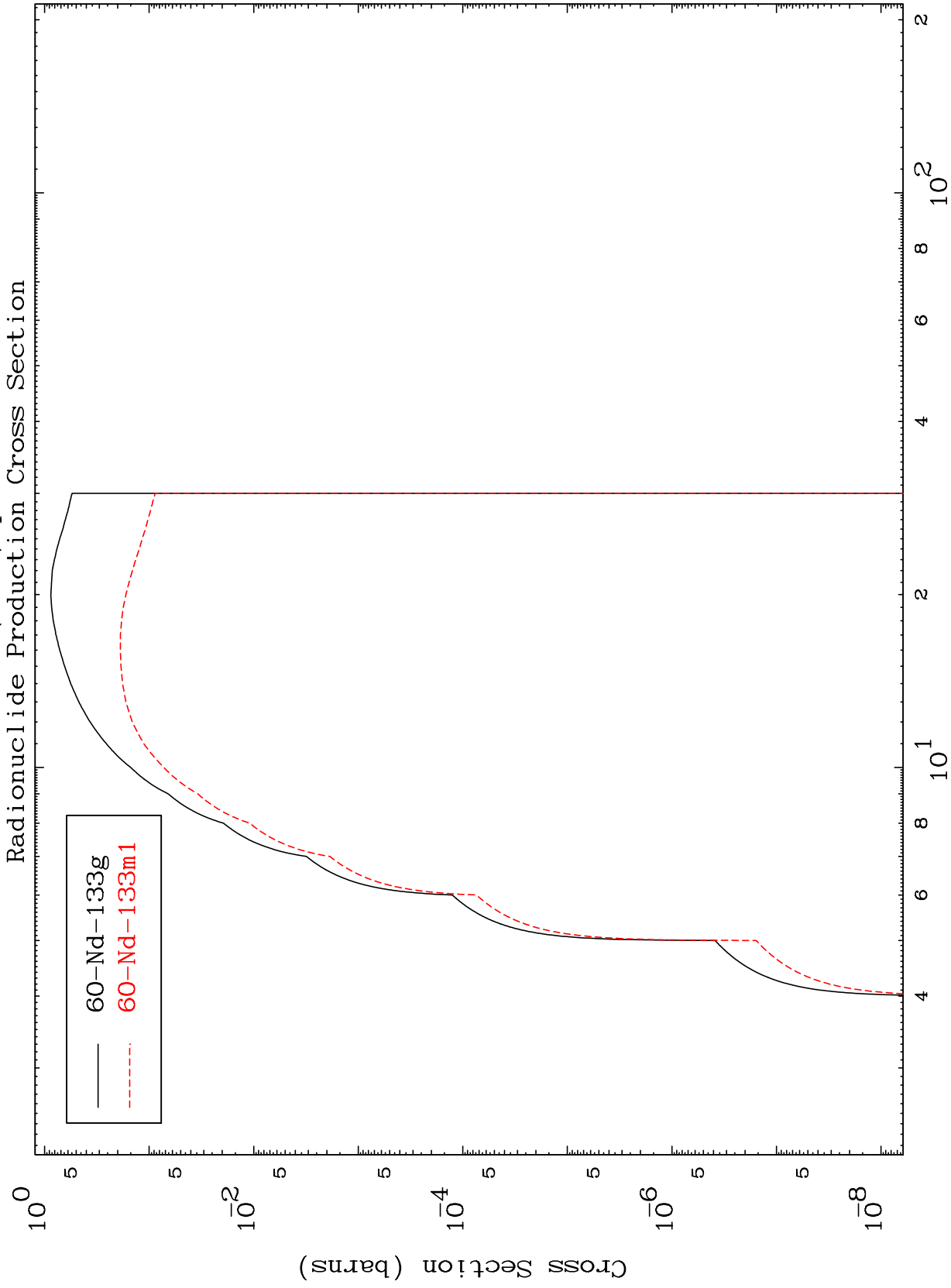
Incident Energy (MeV)

14

MAT 5998

(d,n') p

⁶⁰Nd-133



15

Incident Energy (MeV)

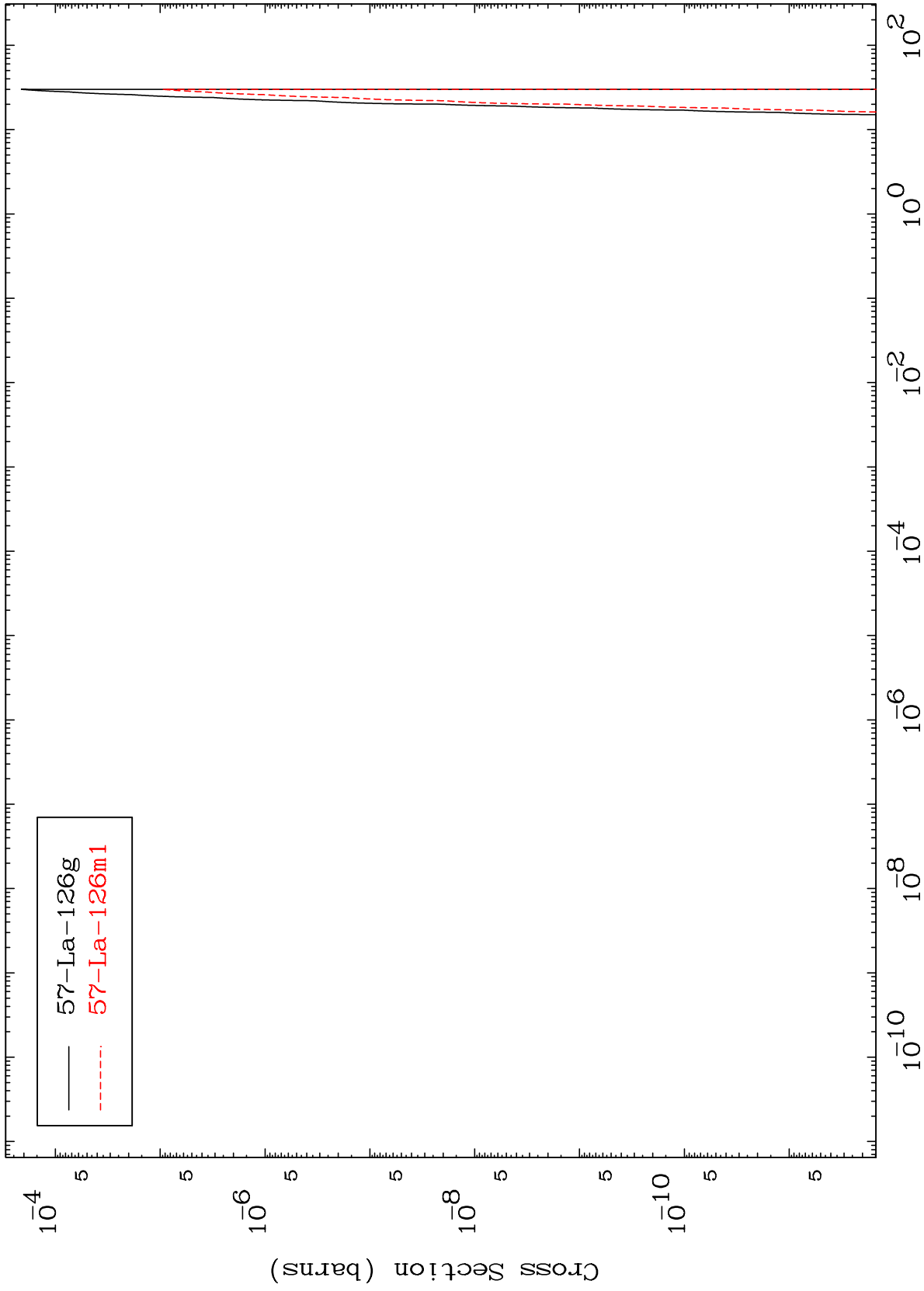
⁶⁰Nd-133

MAT 5998

(d,n') 2 α

60-Nd-133

Radionuclide Production Cross Section



16

Incident Energy (MeV)

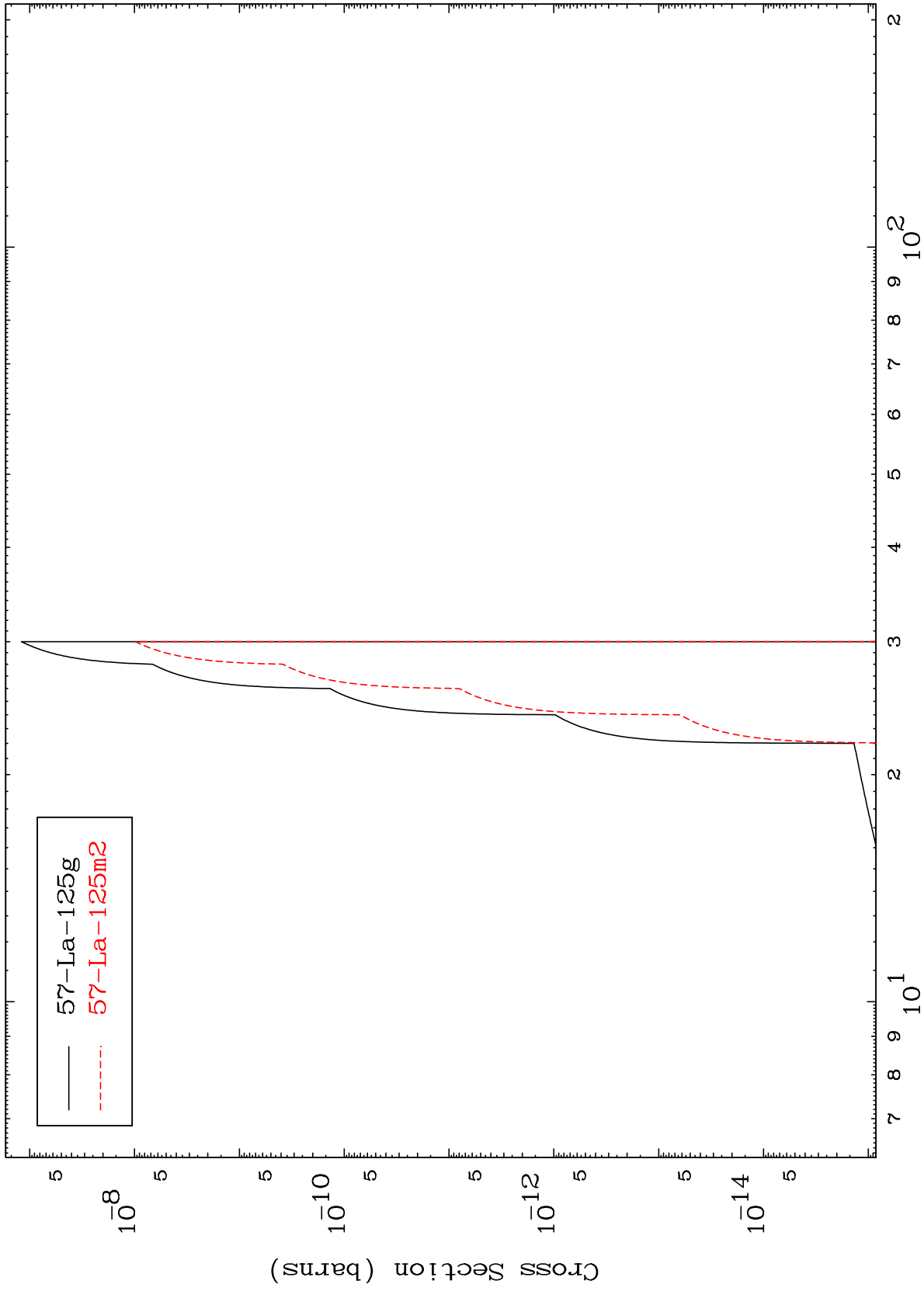
60-Nd-133

MAT 5998

(d,2n) 2 α

60-Nd-133

Radionuclide Production Cross Section



17

Incident Energy (MeV)

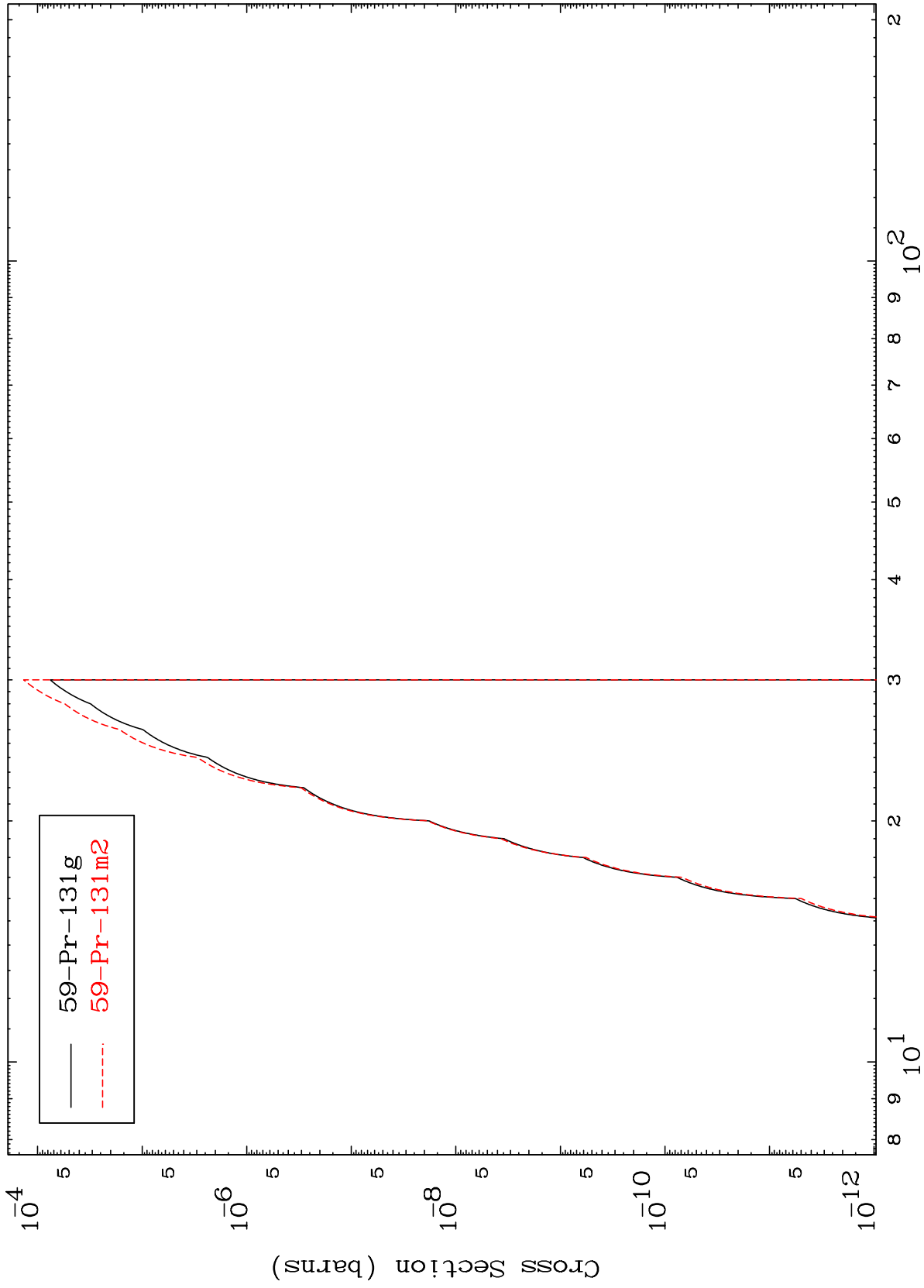
60-Nd-133

MAT 5998

(d, n') He-3

60-Nd-133

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

18

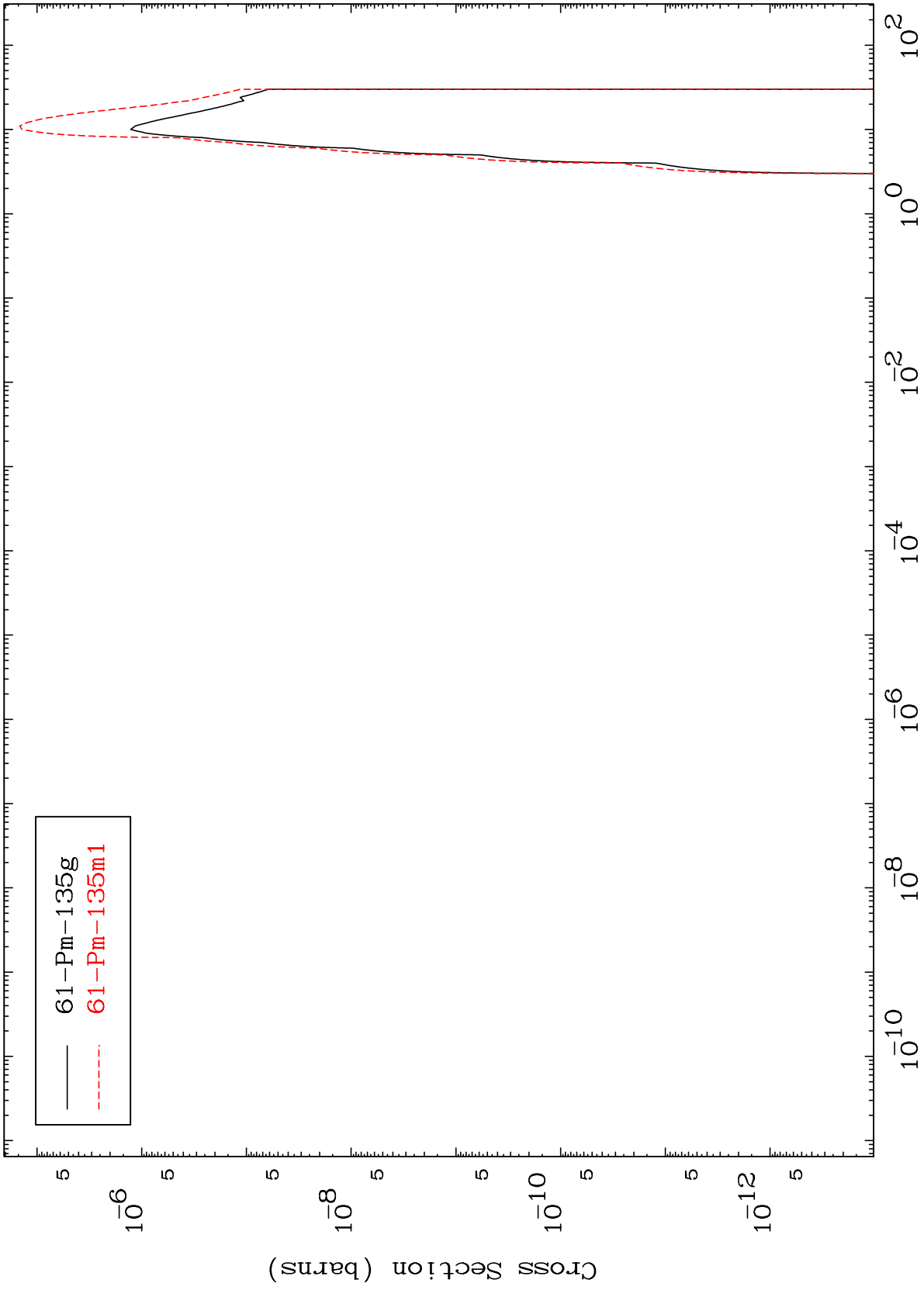
Incident Energy (MeV)

60-Nd-133

MAT 5998

(d, γ)
Radionuclide Production Cross Section

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



19

Incident Energy (MeV)

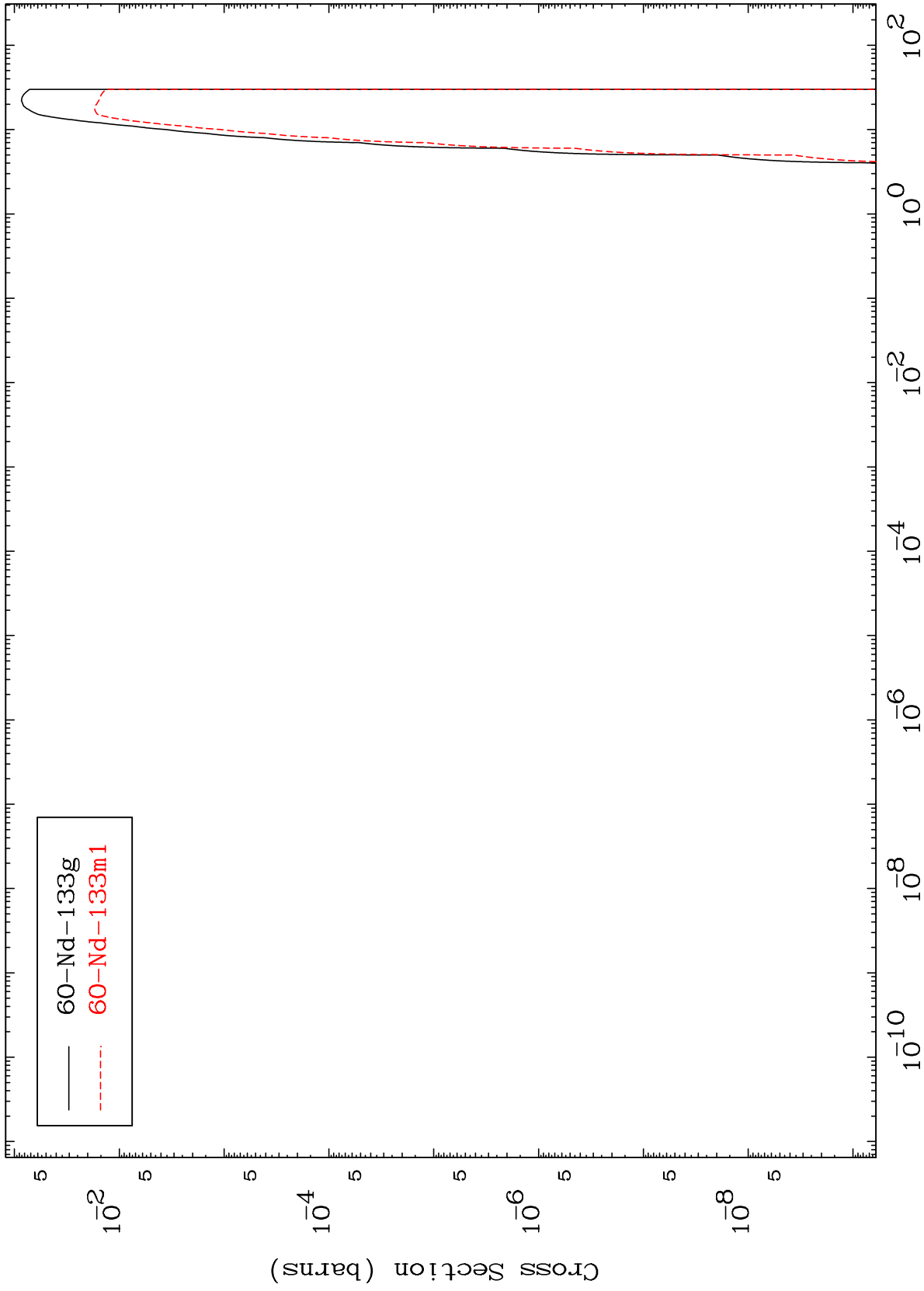
$^{60}\text{Nd}-133$

MAT 5998

(d,d)

⁶⁰Nd-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

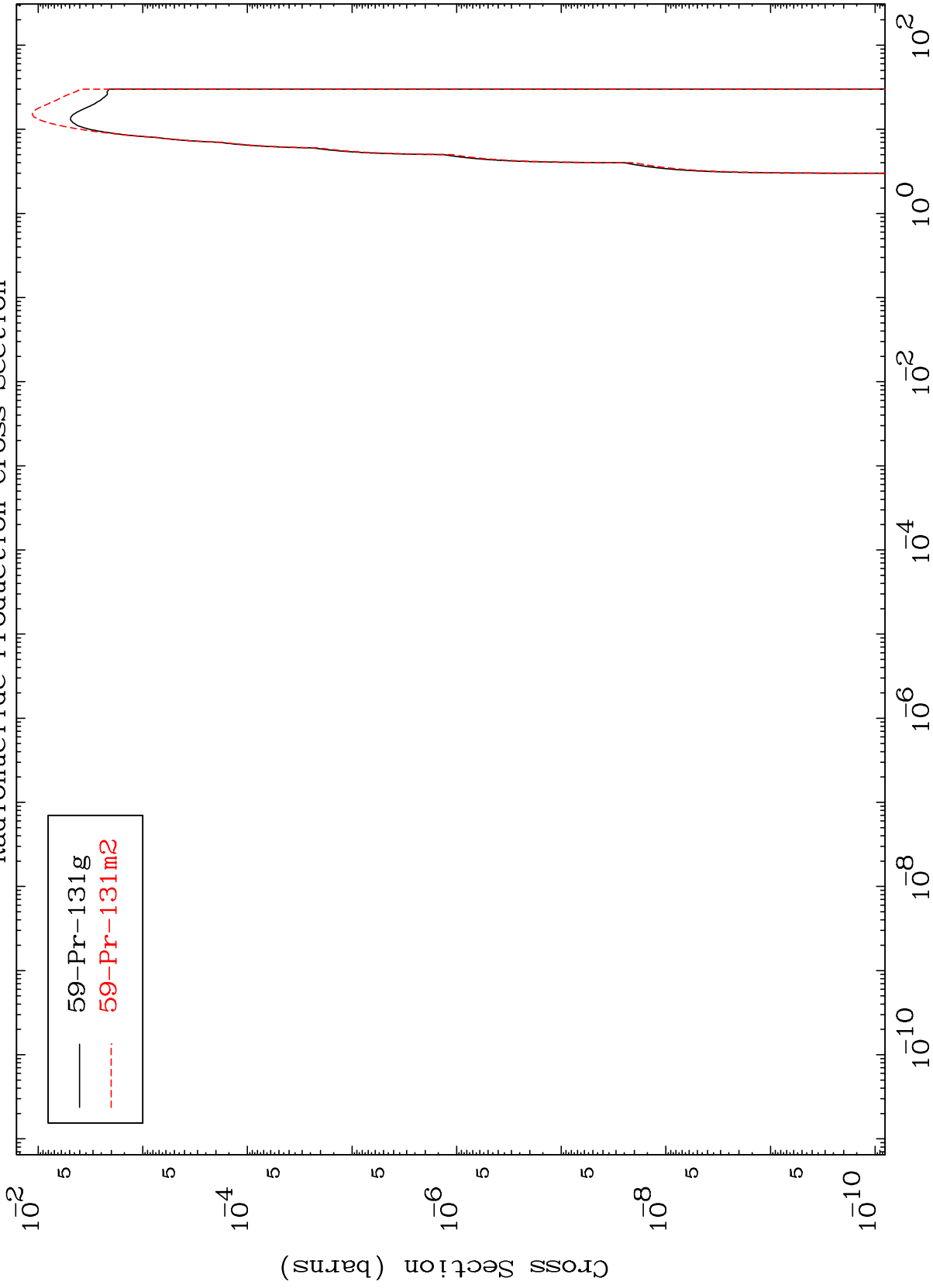
⁶⁰Nd-133

MAT 5998

(d, α)

60-Nd-133

Radionuclide Production Cross Section

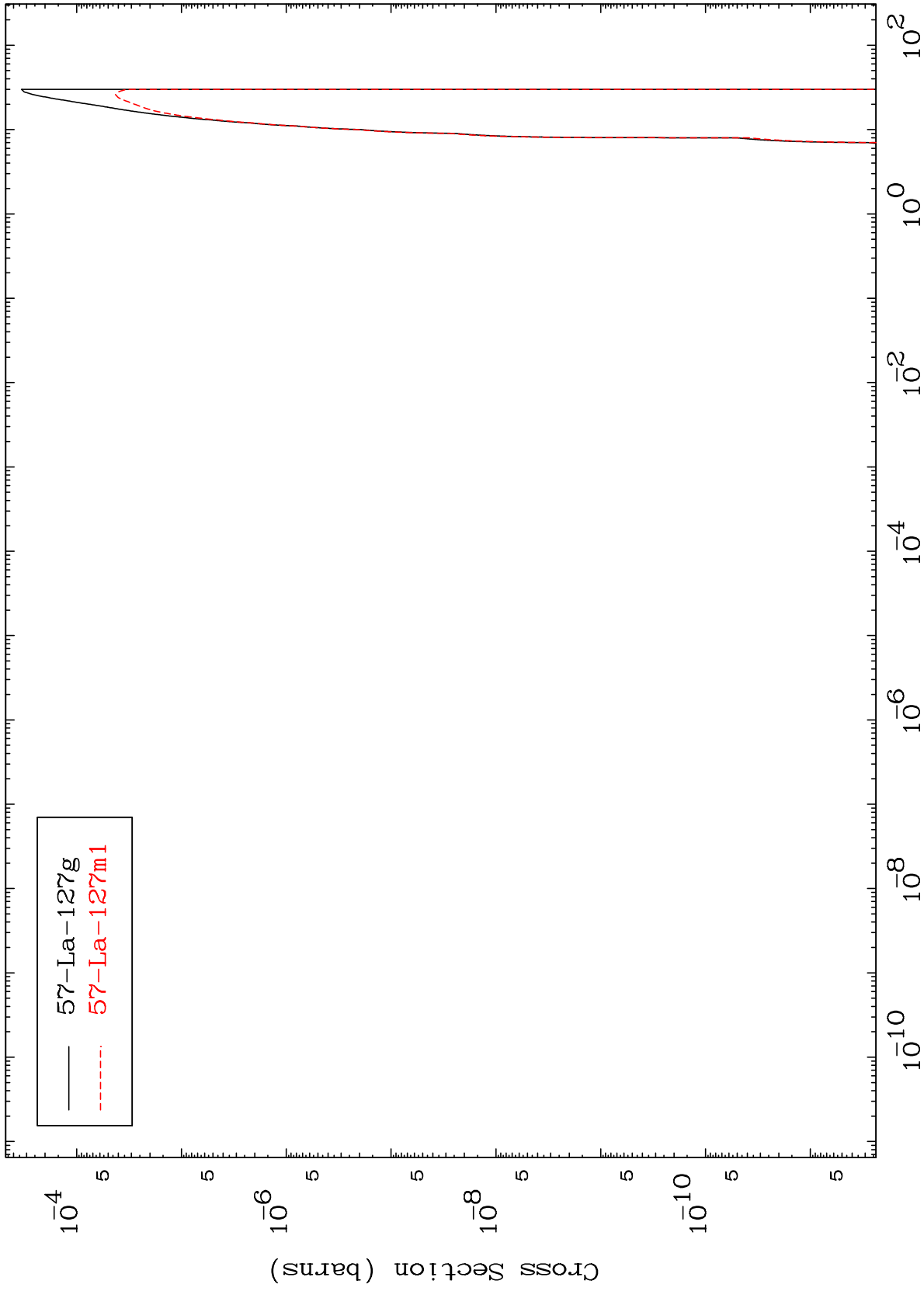


MAT 5998

(d,2α)

60-Nd-133

Radionuclide Production Cross Section



22

Incident Energy (MeV)

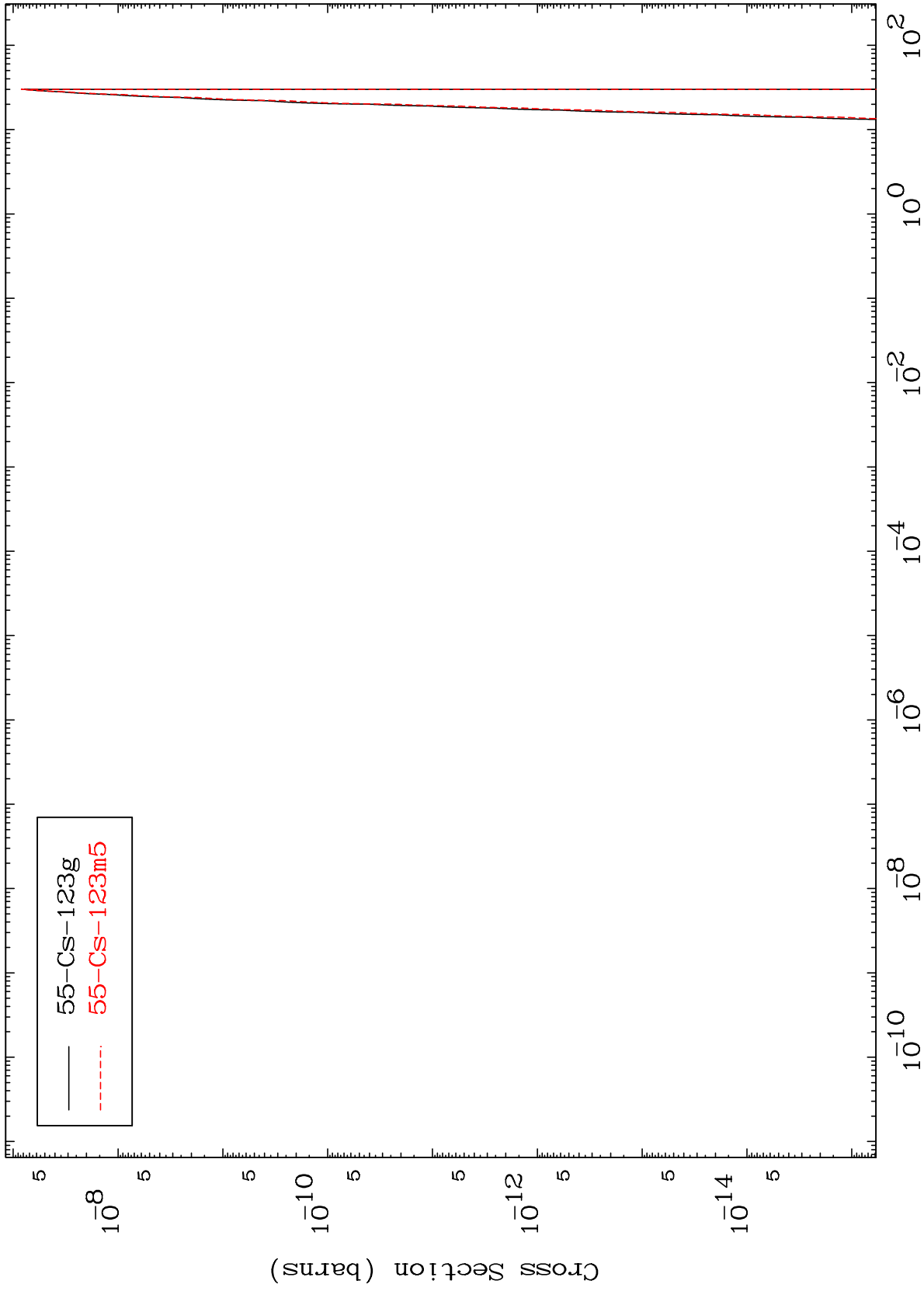
60-Nd-133

MAT 5998

(d,3α)

60-Nd-133

Radionuclide Production Cross Section



23

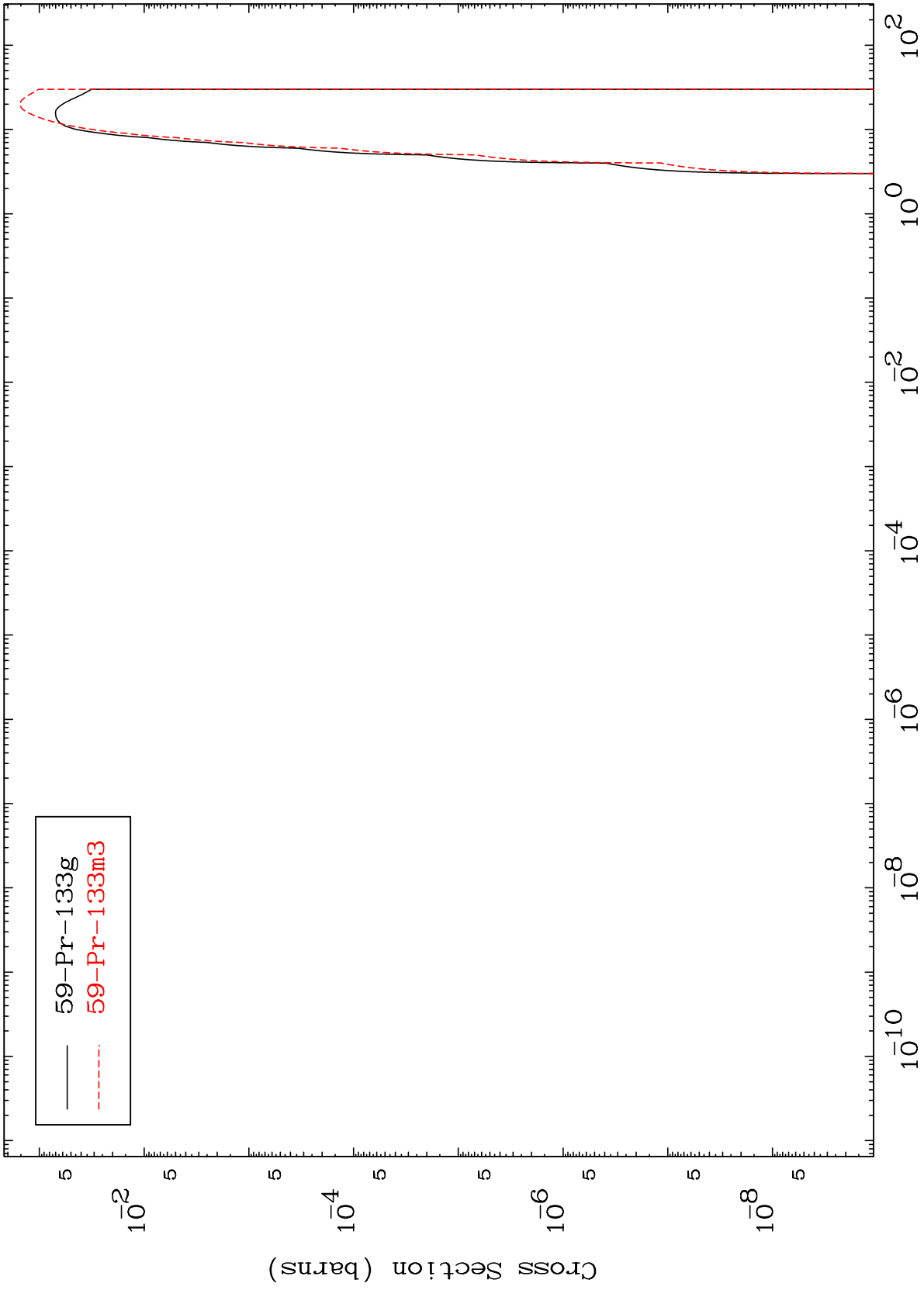
Incident Energy (MeV)

60-Nd-133

MAT 5998

Radionuclide Production Cross Section
(d,2p)

60-Nd-133



24

Incident Energy (MeV)

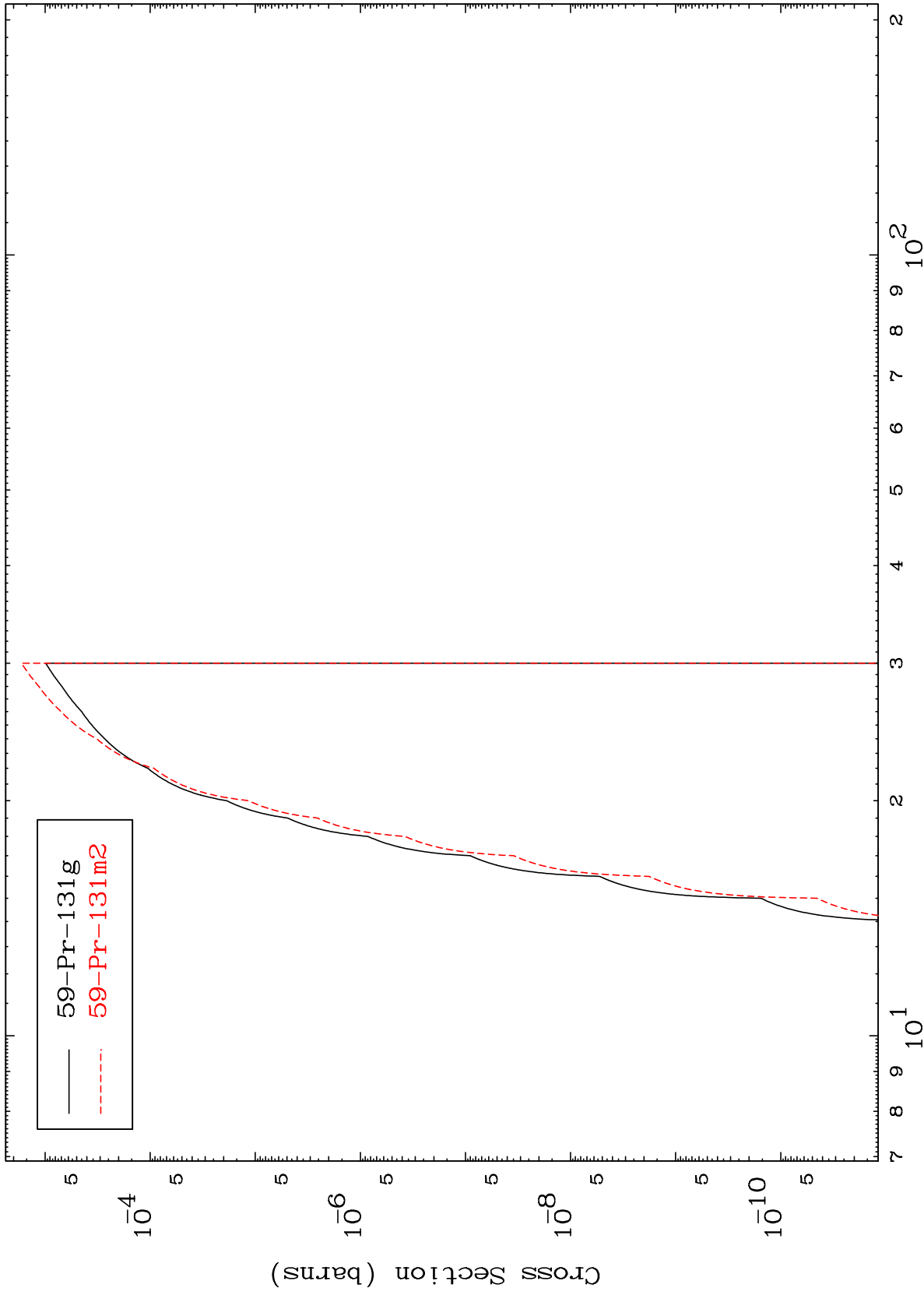
60-Nd-133

MAT 5998

(d,p) t

⁶⁰Nd-133

Radionuclide Production Cross Section



25

Incident Energy (MeV)

⁶⁰Nd-133