

Program EVALPLOT
(Version 2018-1)

by

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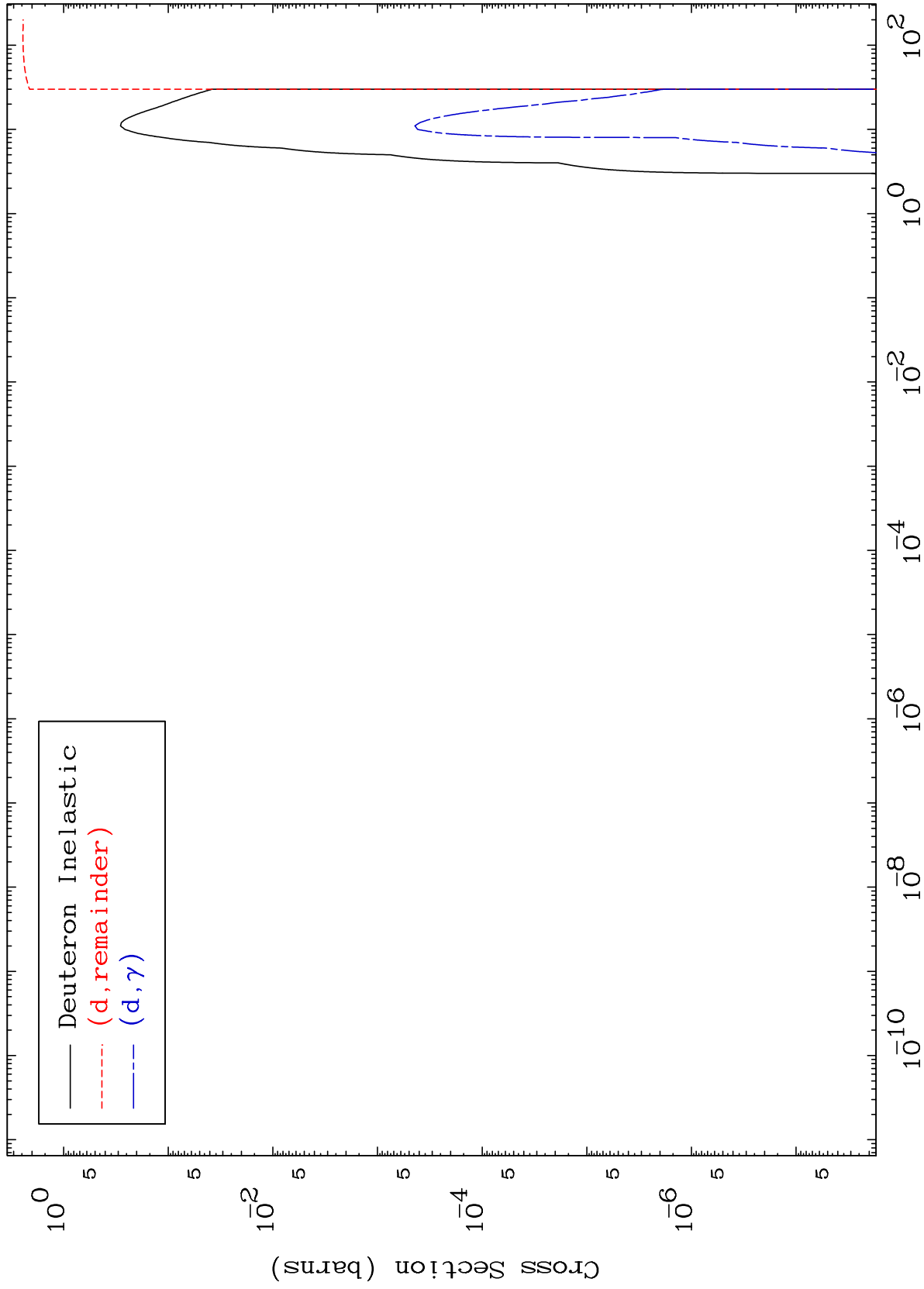
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6004

Deuteron Major
0 Kelvin Cross Sections

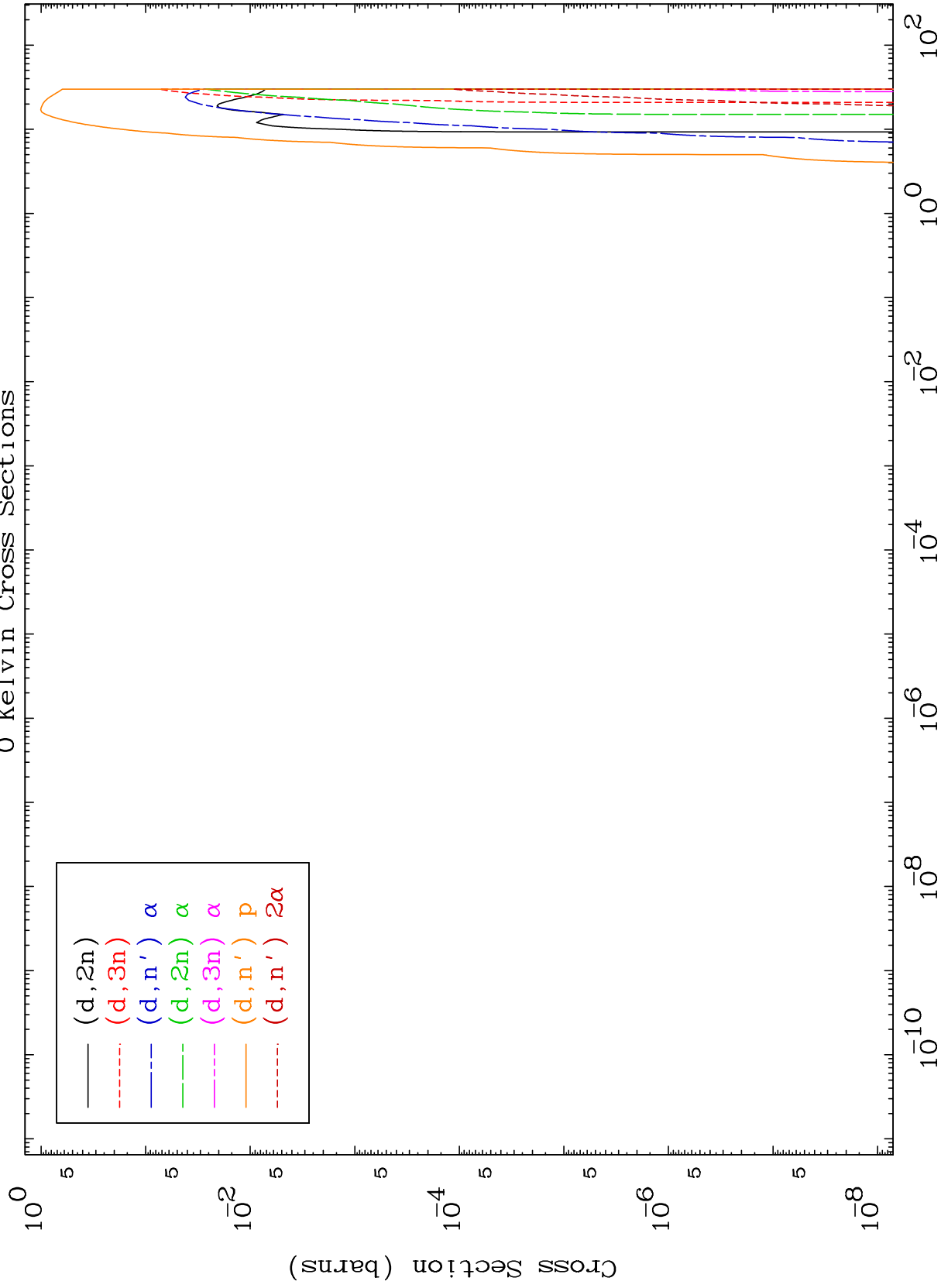
60-Nd-135



MAT 6004

Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-135



2

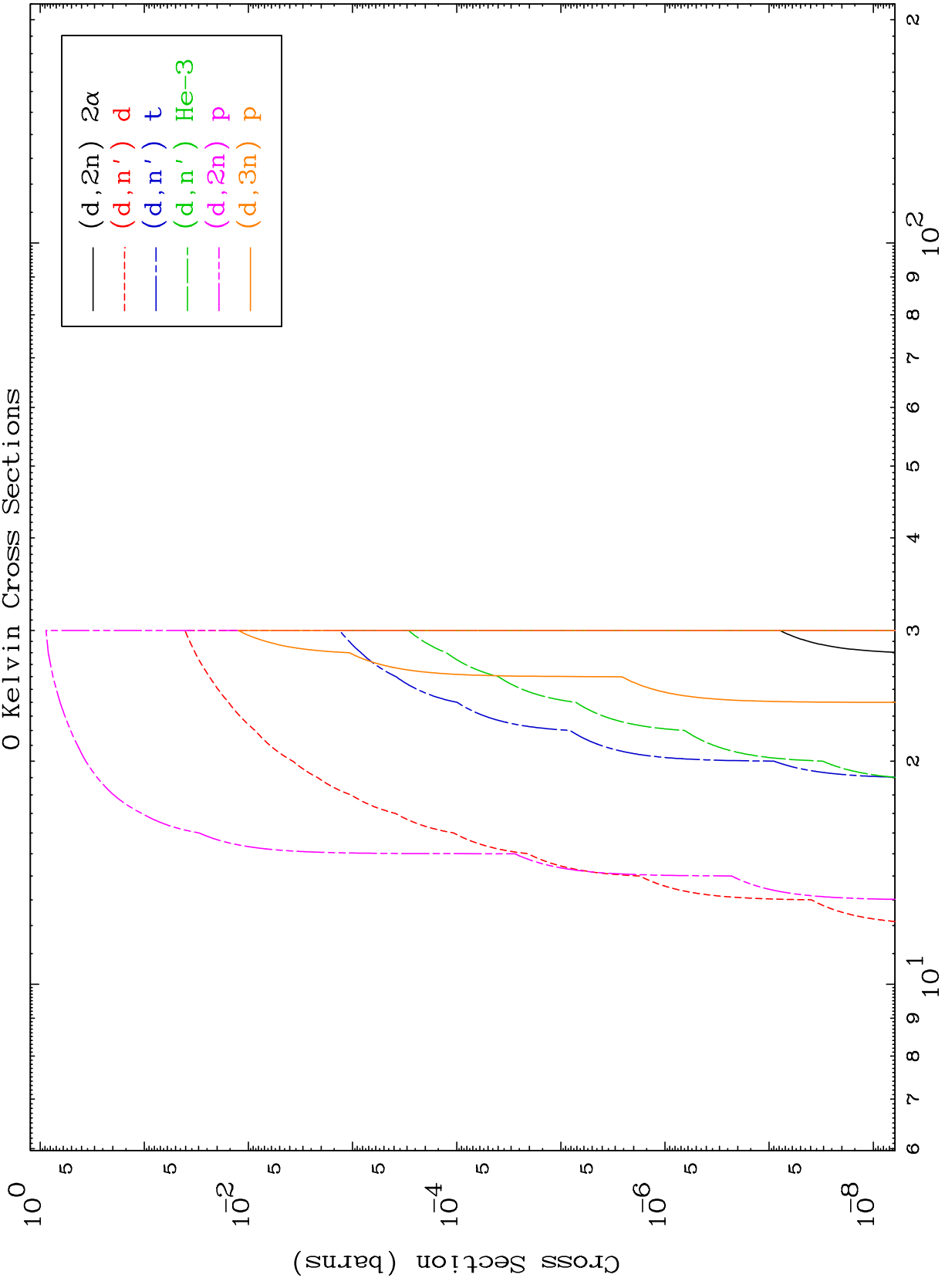
Incident Energy (MeV)

60-Nd-135

MAT 6004

Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-135



3

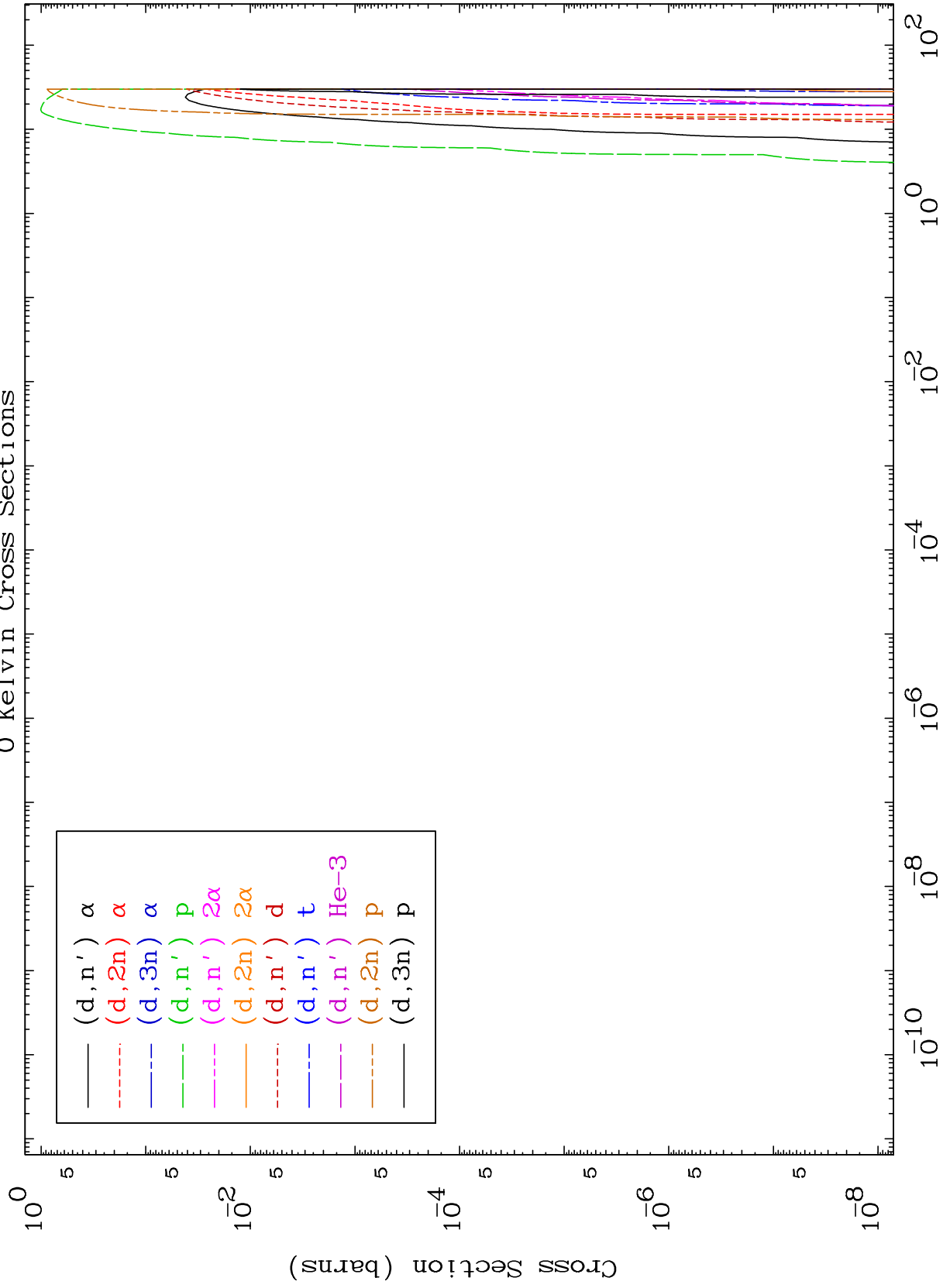
Incident Energy (MeV)

60-Nd-135

MAT 6004

Deuteron Charged Particle
0 Kelvin Cross Sections

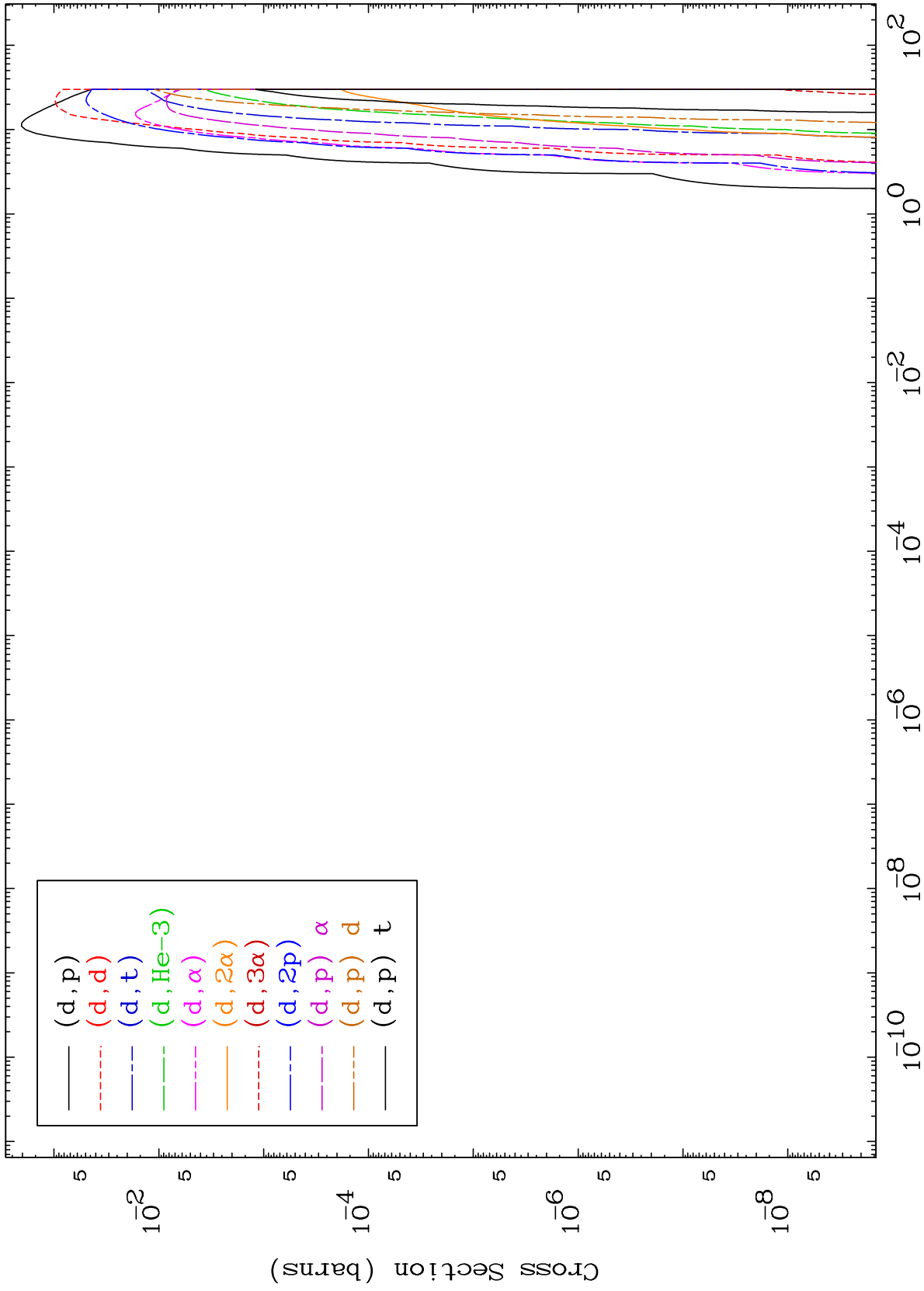
60-Nd-135



MAT 6004

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-135



5

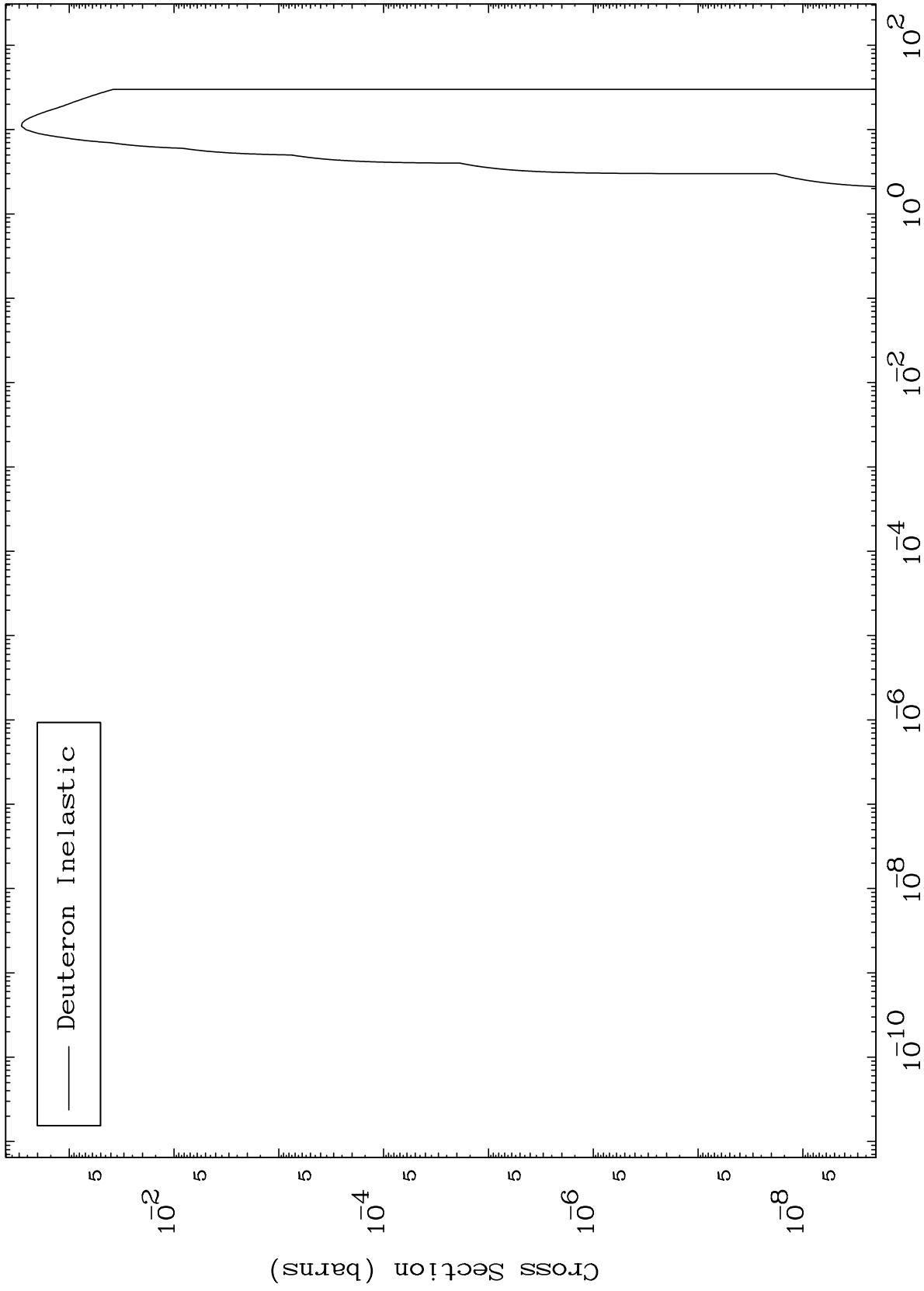
Incident Energy (MeV)

60-Nd-135

MAT 6004

(d,n') Level
0 Kelvin Cross Sections

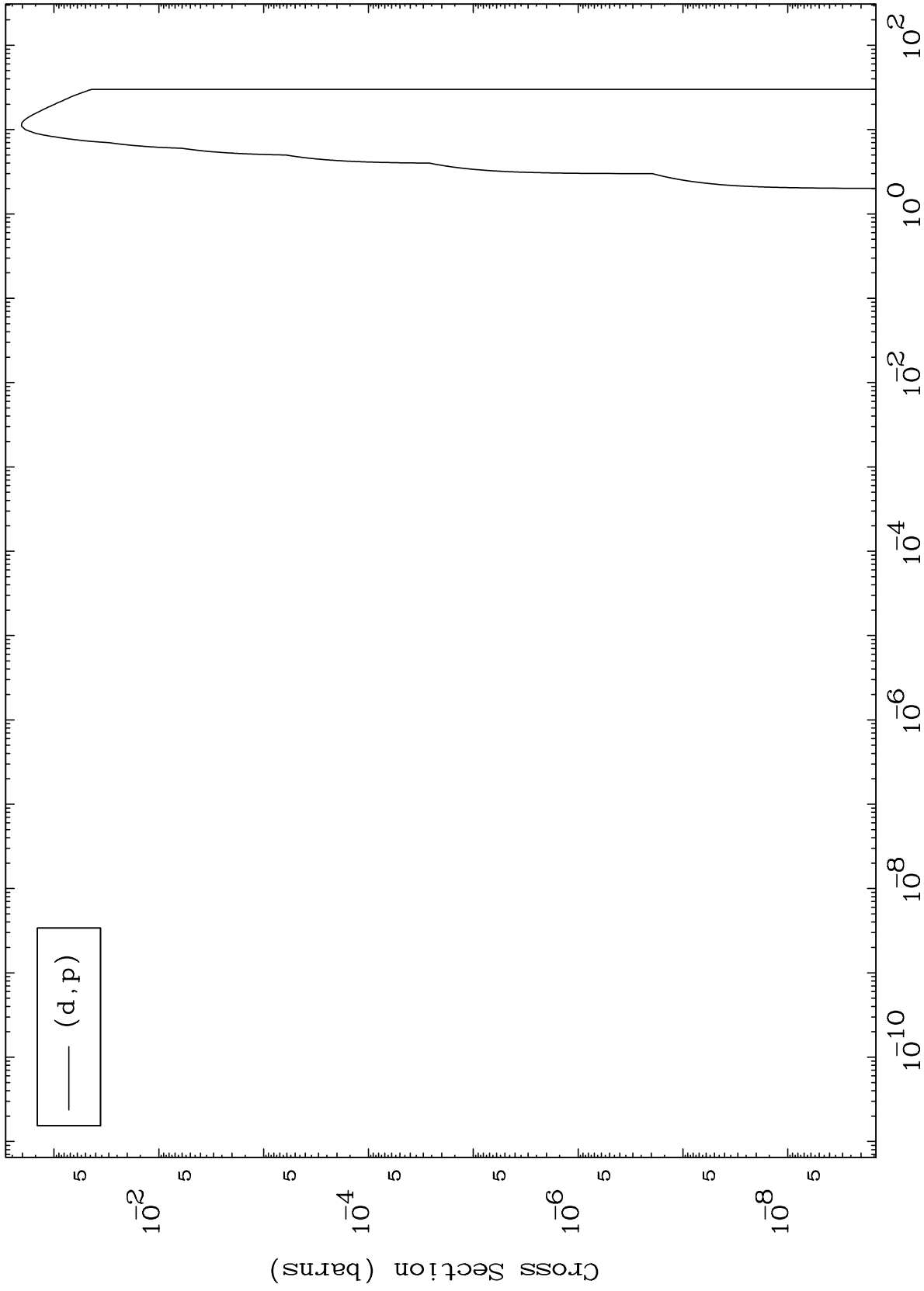
60-Nd-135



MAT 6004

(d,p) Levels
0 Kelvin Cross Sections

60-Nd-135



7

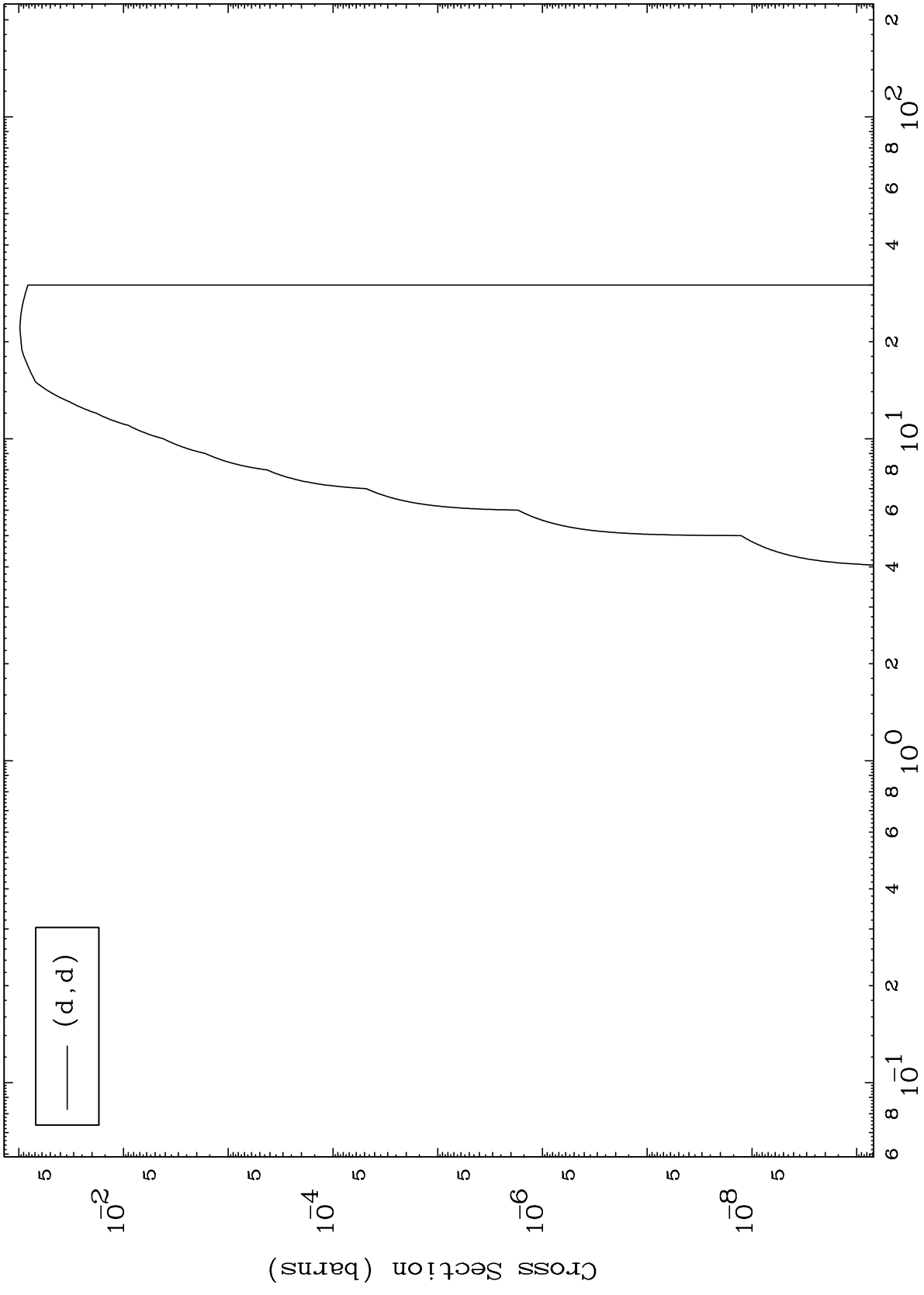
Incident Energy (MeV)

60-Nd-135

MAT 6004

(d,d) Levels
0 Kelvin Cross Sections

60-Nd-135



8

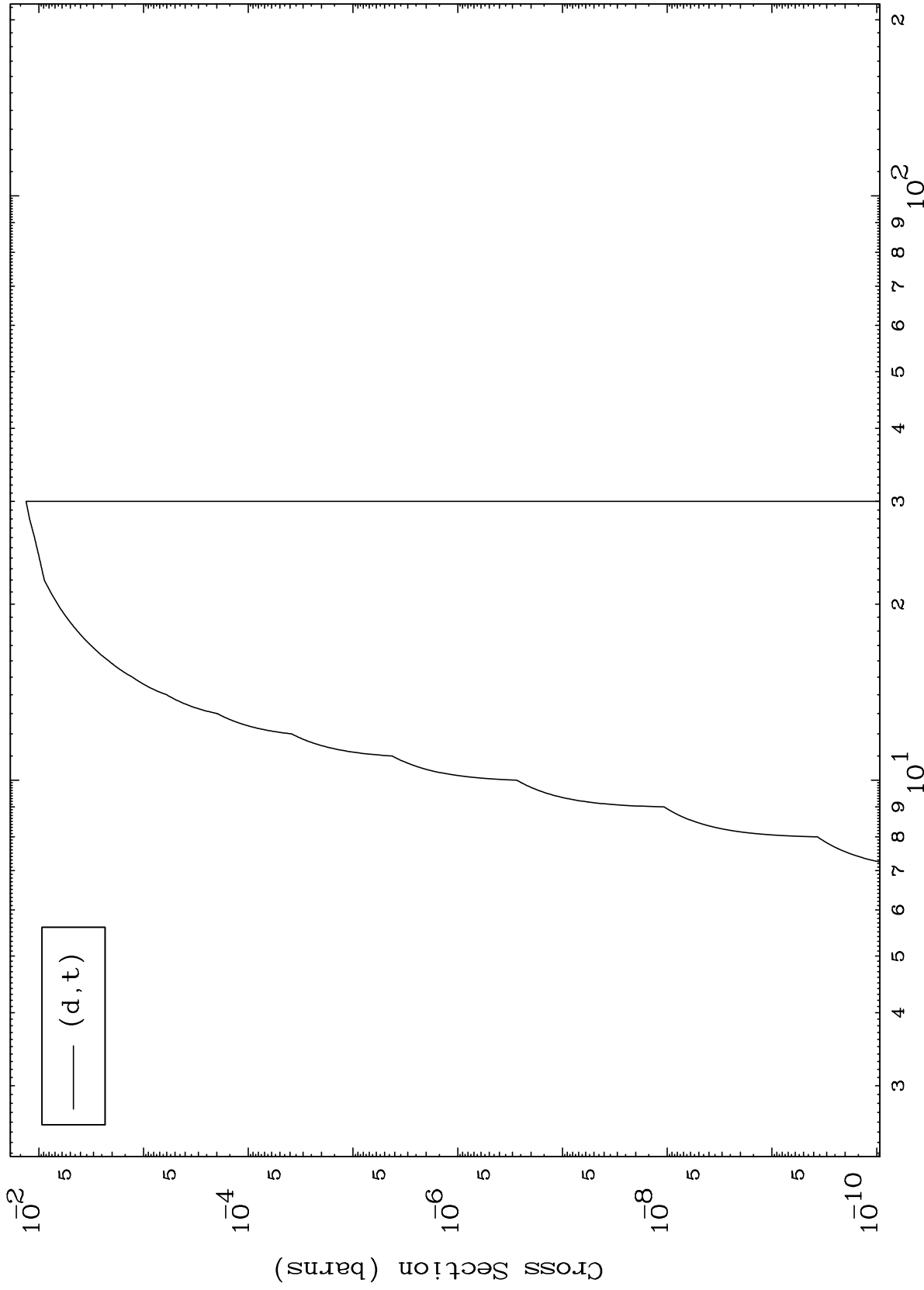
Incident Energy (MeV)

60-Nd-135

MAT 6004

(d,t) Levels
0 Kelvin Cross Sections

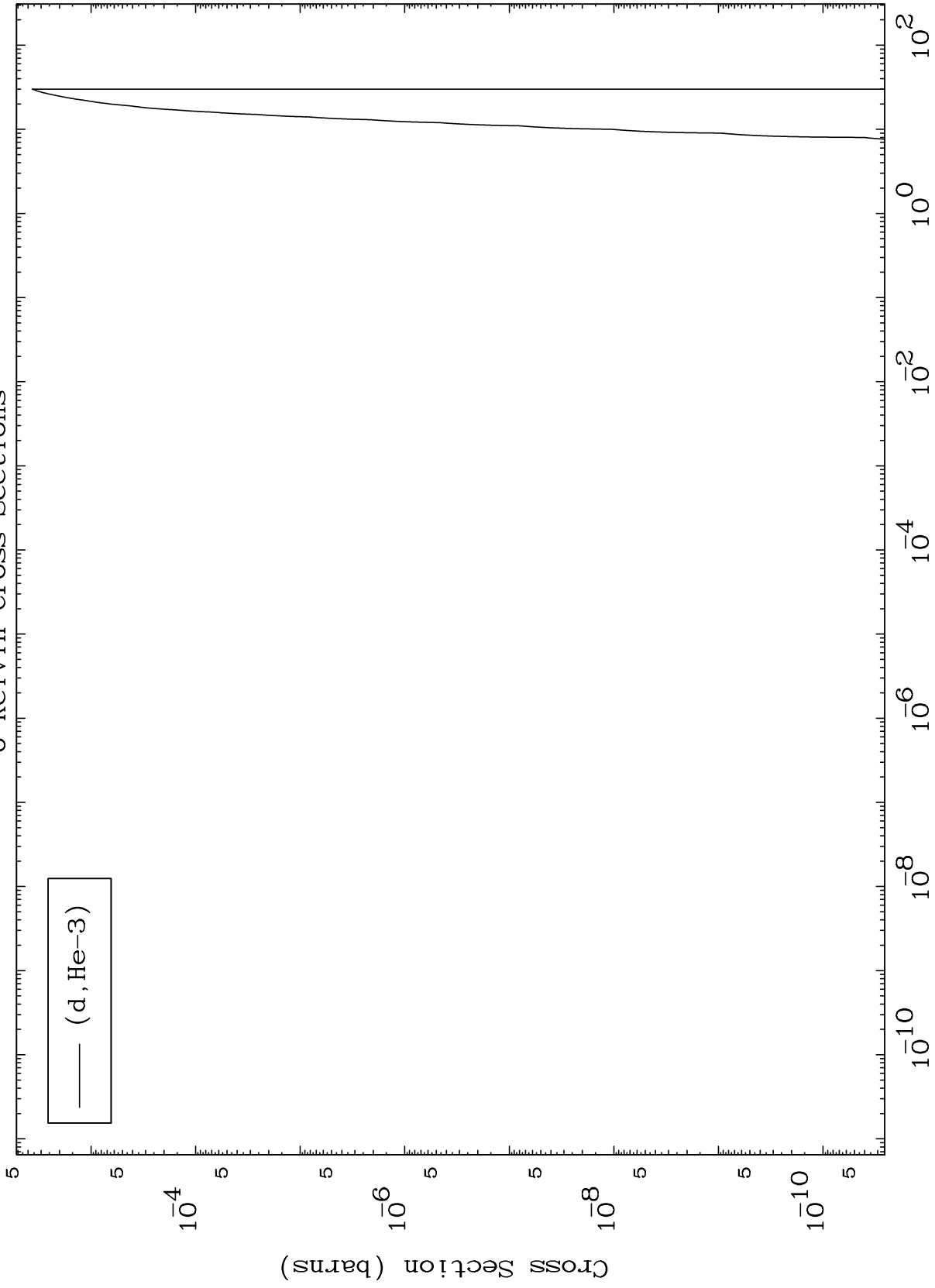
60-Nd-135



MAT 6004

(d,He3) Levels
0 Kelvin Cross Sections

60-Nd-135



10

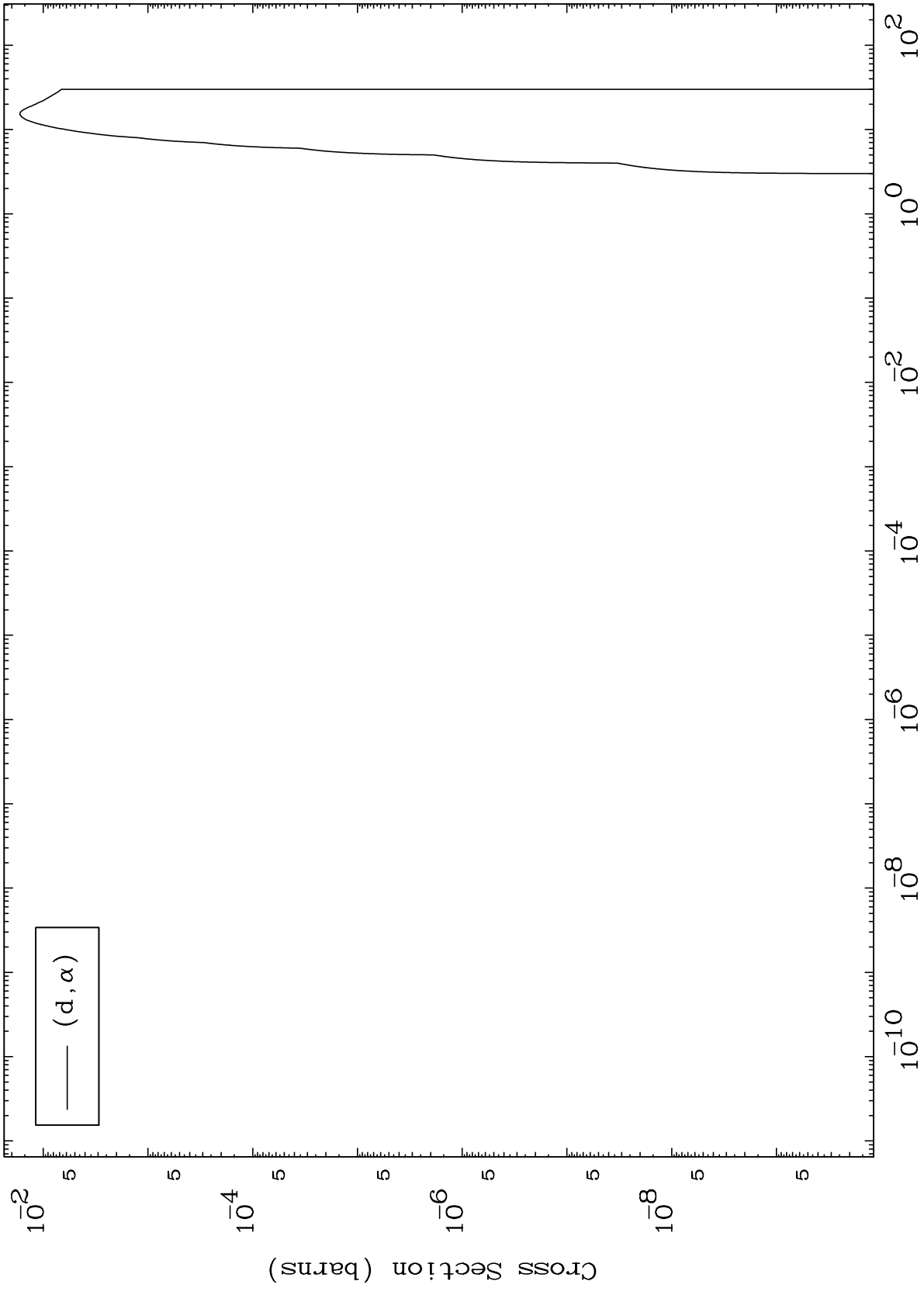
Incident Energy (MeV)

60-Nd-135

MAT 6004

(d,α) Levels
0 Kelvin Cross Sections

60-Nd-135



11

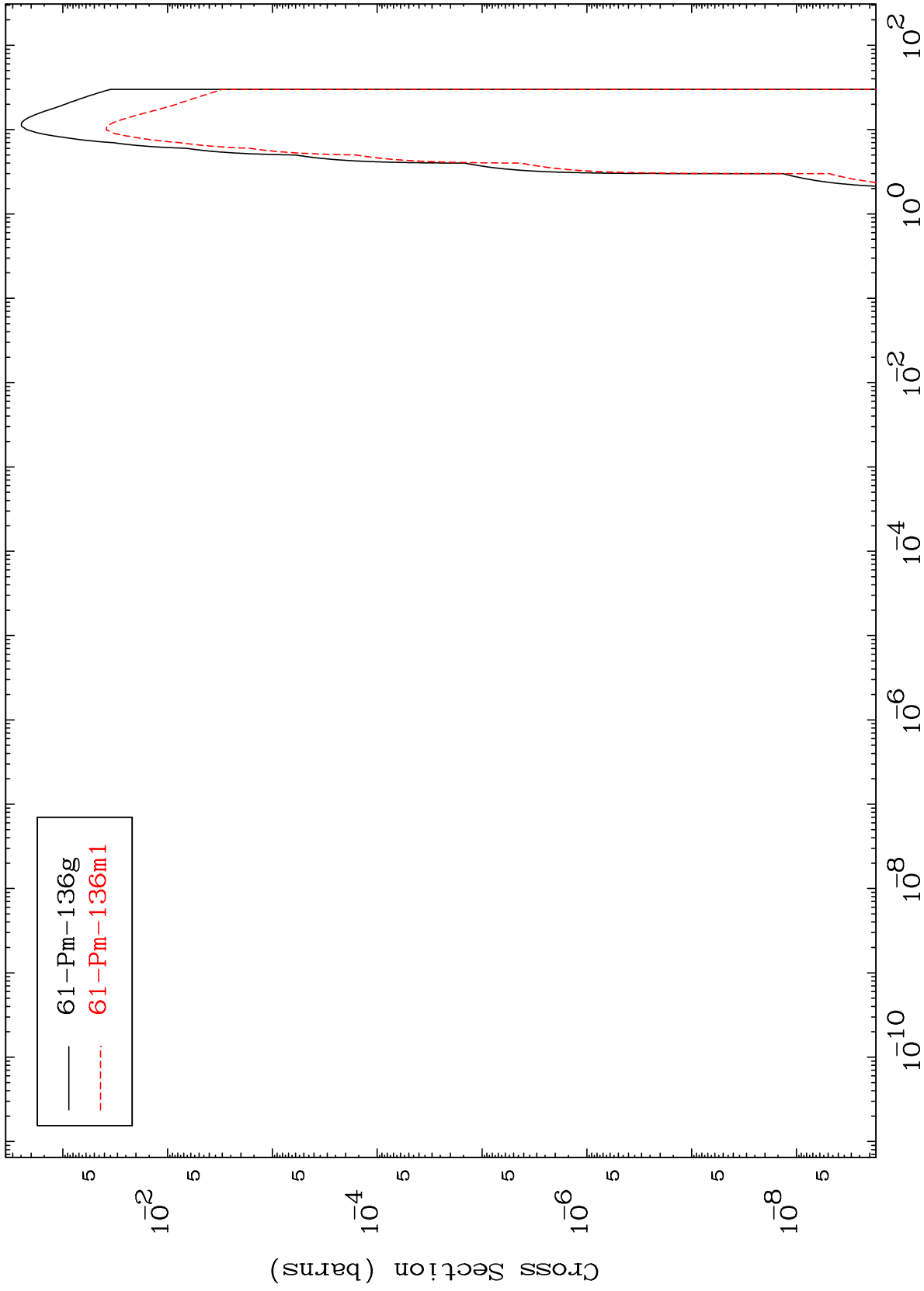
Incident Energy (MeV)

60-Nd-135

MAT 6004

Deuteron Inelastic
Radionuclide Production Cross Section

60-Nd-135

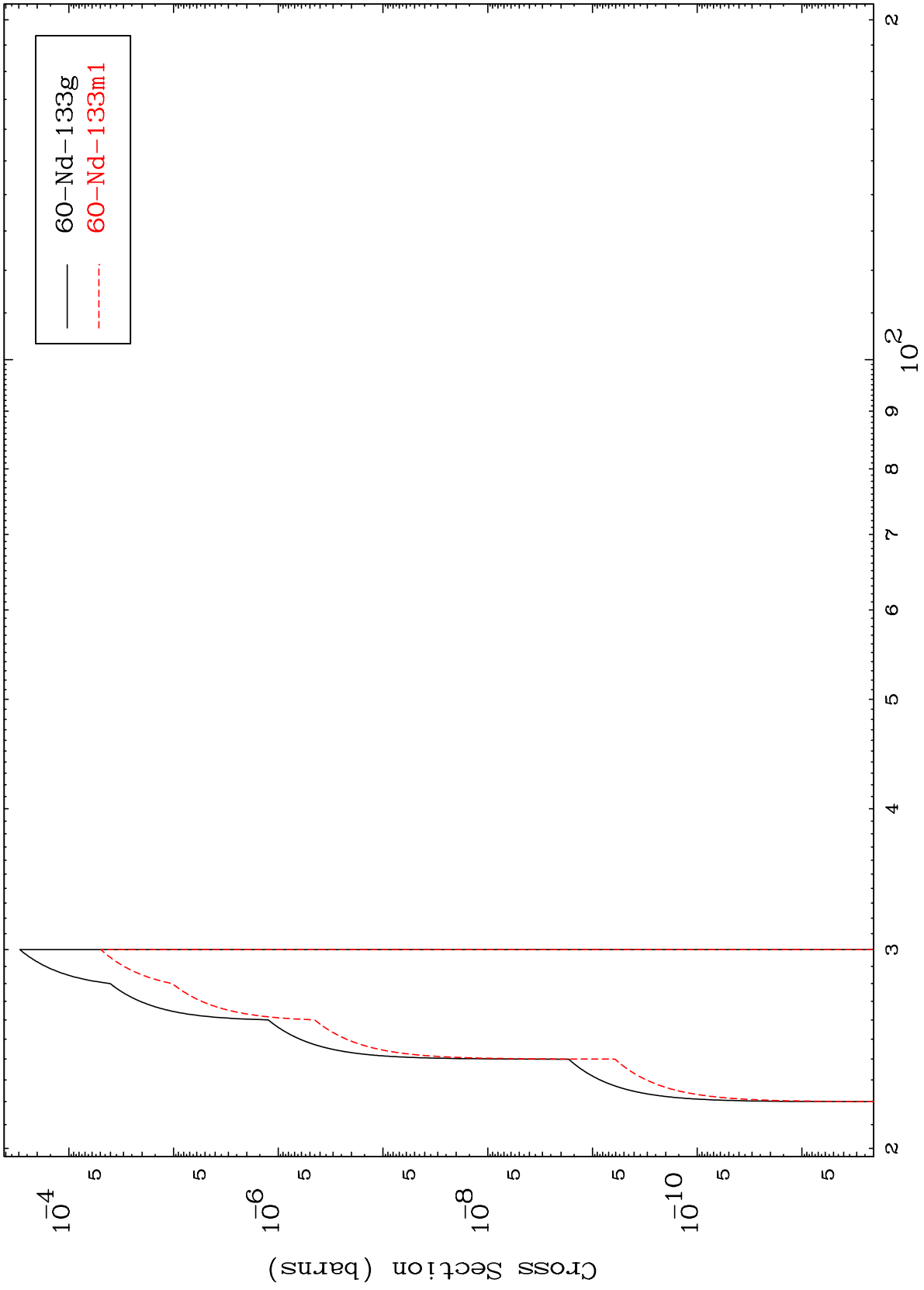


MAT 6004

(d,2n) d

⁶⁰Nd-135

Radionuclide Production Cross Section



13

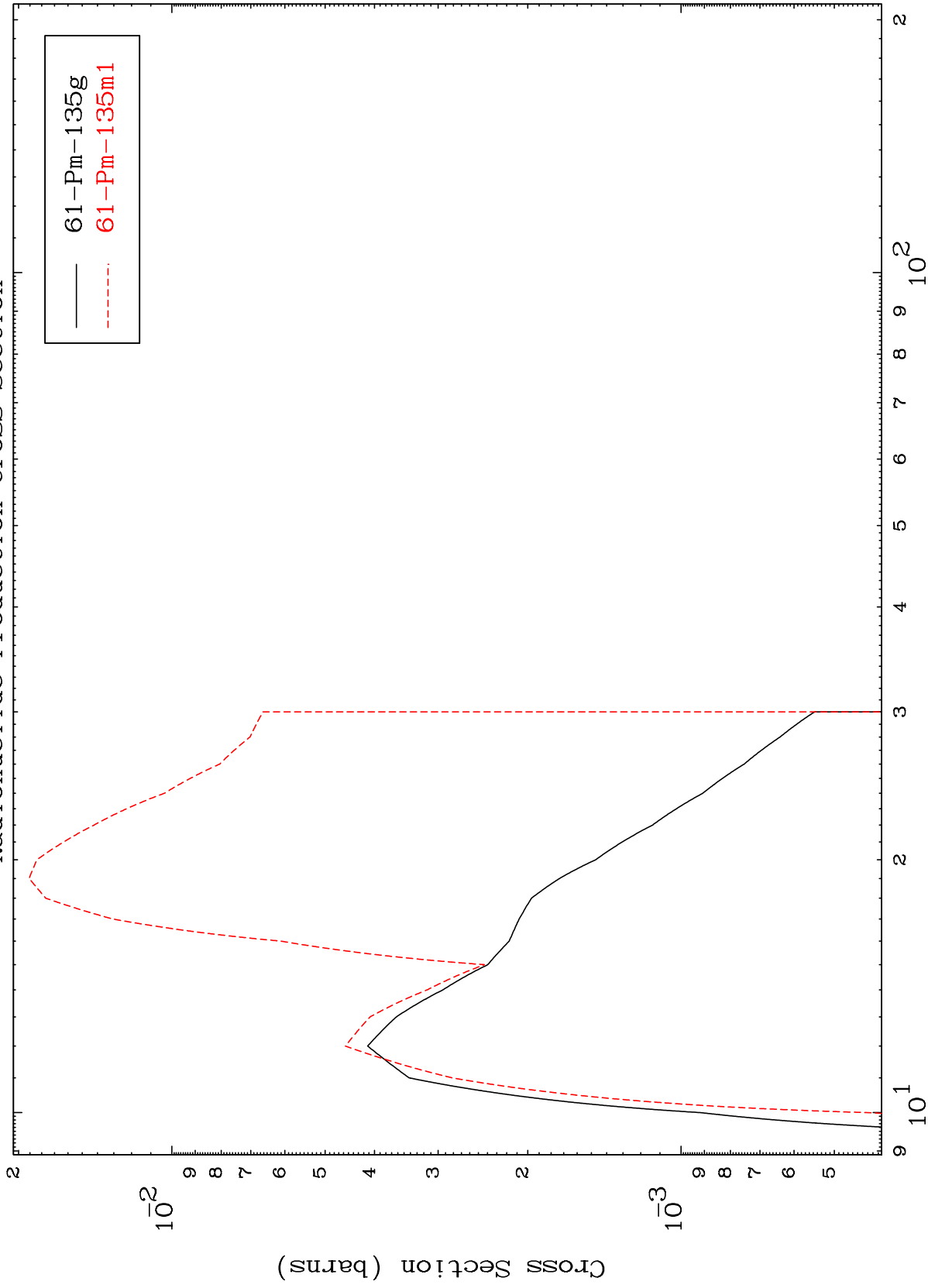
Incident Energy (MeV)

⁶⁰Nd-135

MAT 6004

Radionuclide Production Cross Section
(d,2n)

60-Nd-135



14

Incident Energy (MeV)

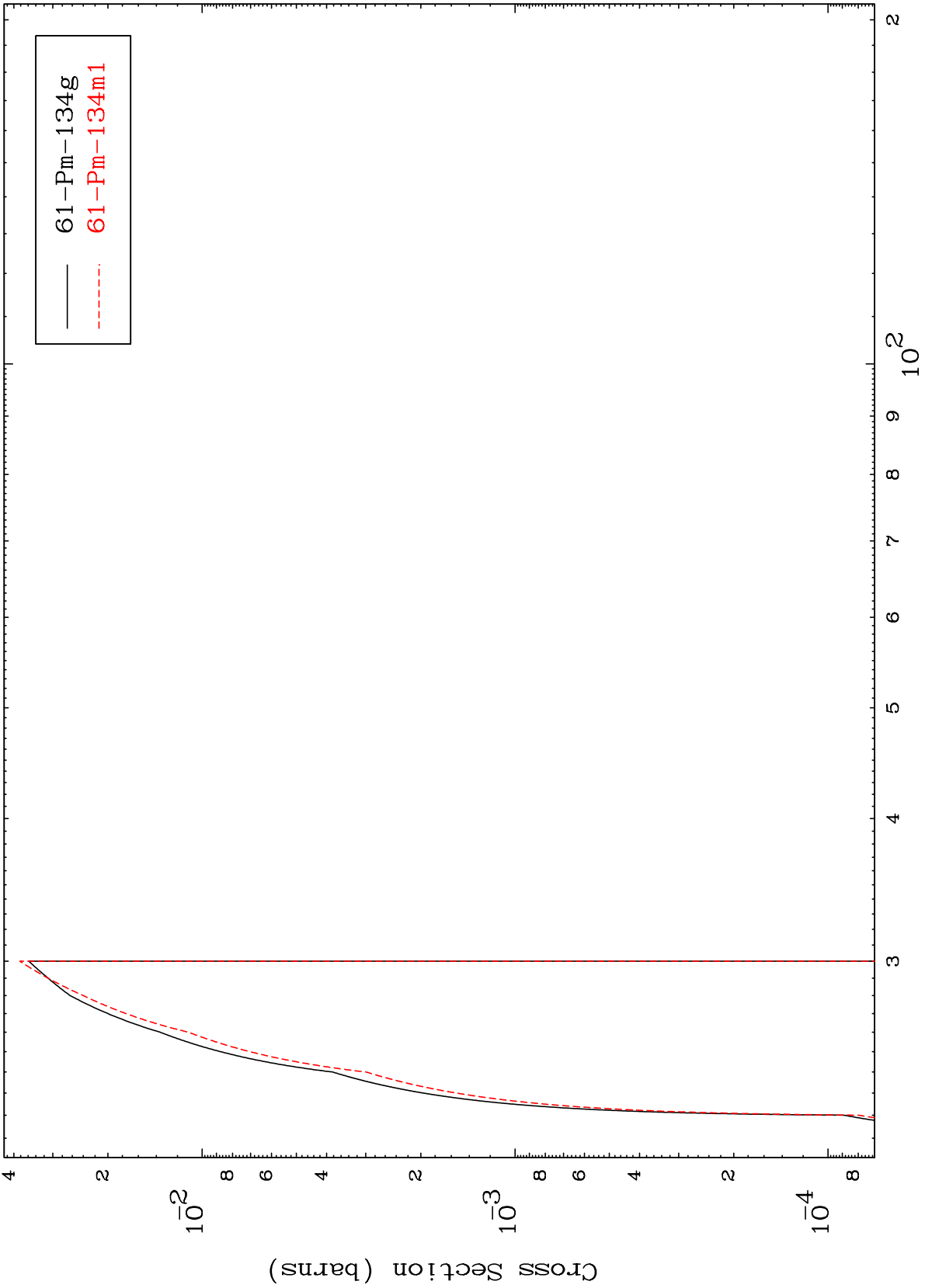
60-Nd-135

MAT 6004

(d,3n)

60-Nd-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

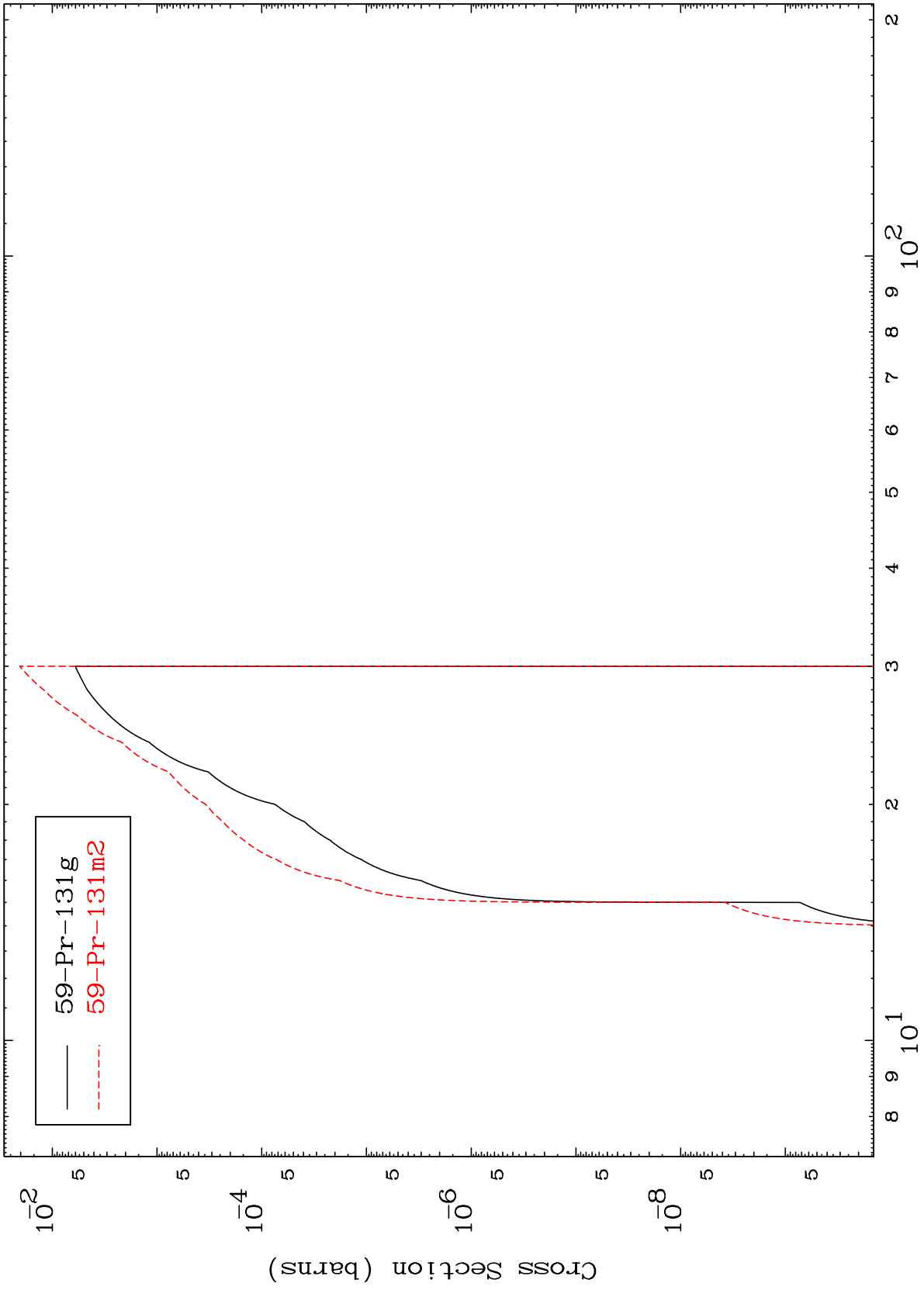
60-Nd-135

MAT 6004

(d,2n) α

60-Nd-135

Radionuclide Production Cross Section



16

Incident Energy (MeV)

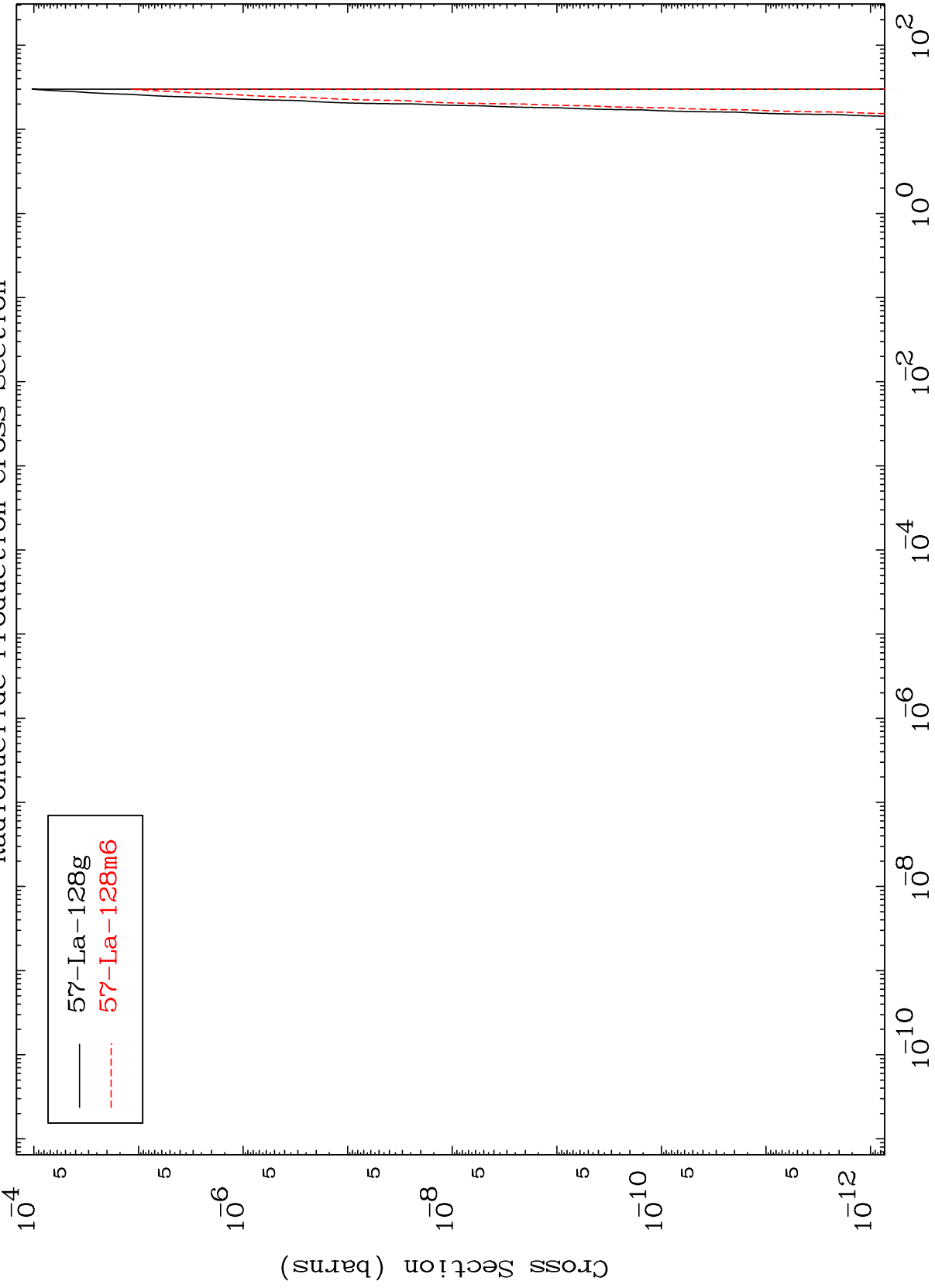
60-Nd-135

MAT 6004

(d,n') 2 α

60-Nd-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

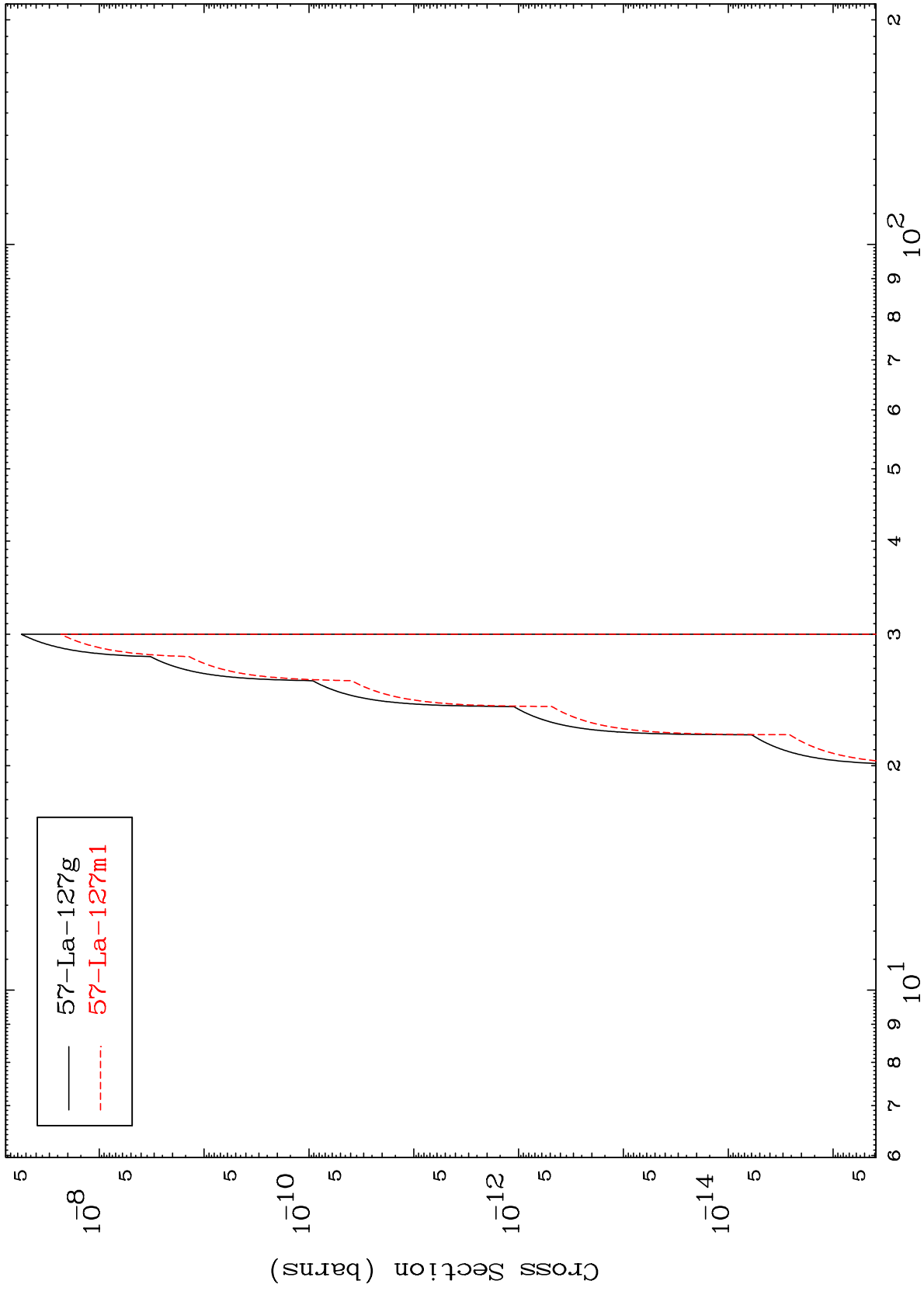
60-Nd-135

MAT 6004

(d,2n) 2 α

60-Nd-135

Radionuclide Production Cross Section



18

Incident Energy (MeV)

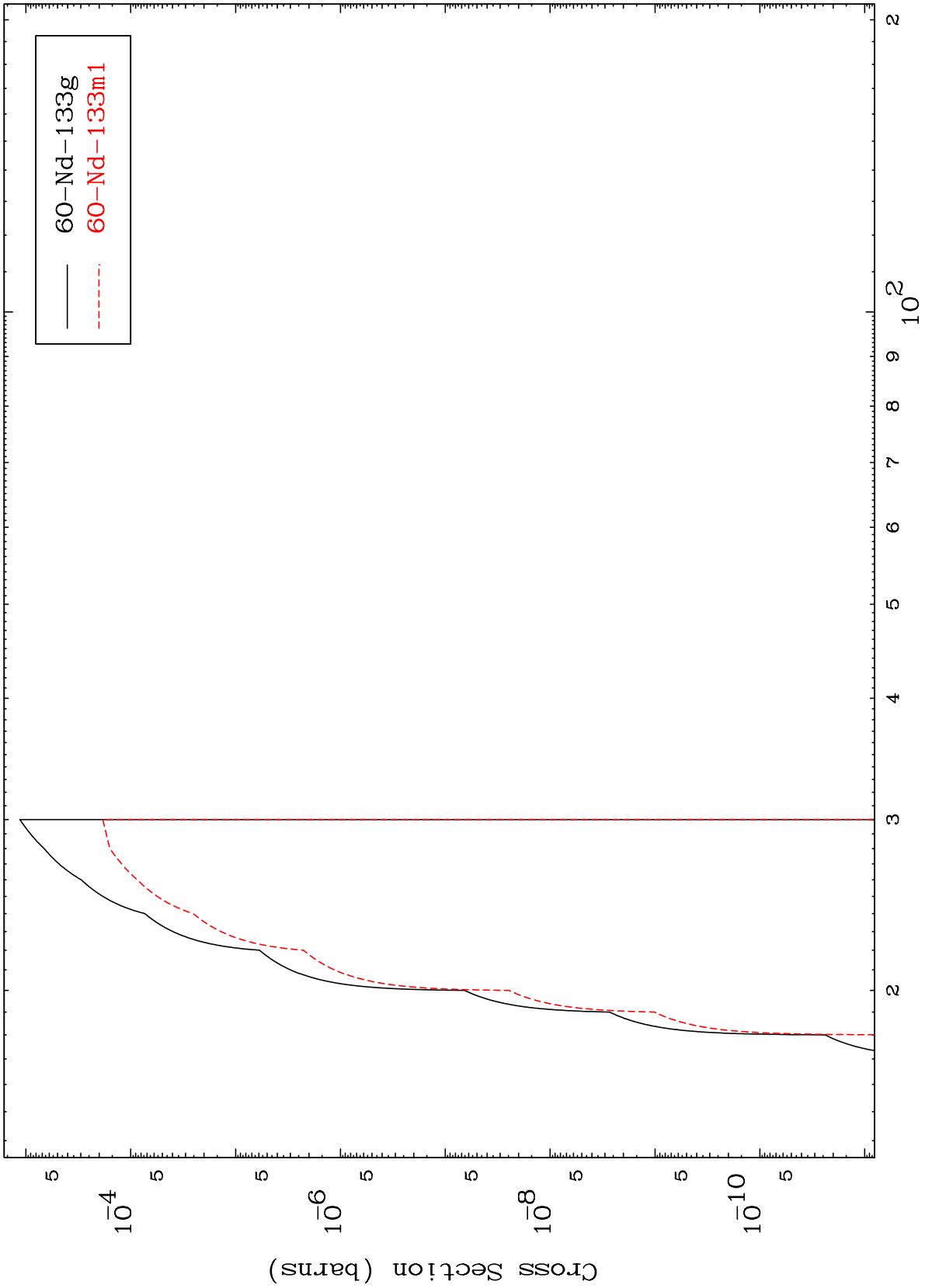
60-Nd-135

MAT 6004

(d,n') t

⁶⁰Nd-¹³⁵

Radionuclide Production Cross Section



19

Incident Energy (MeV)

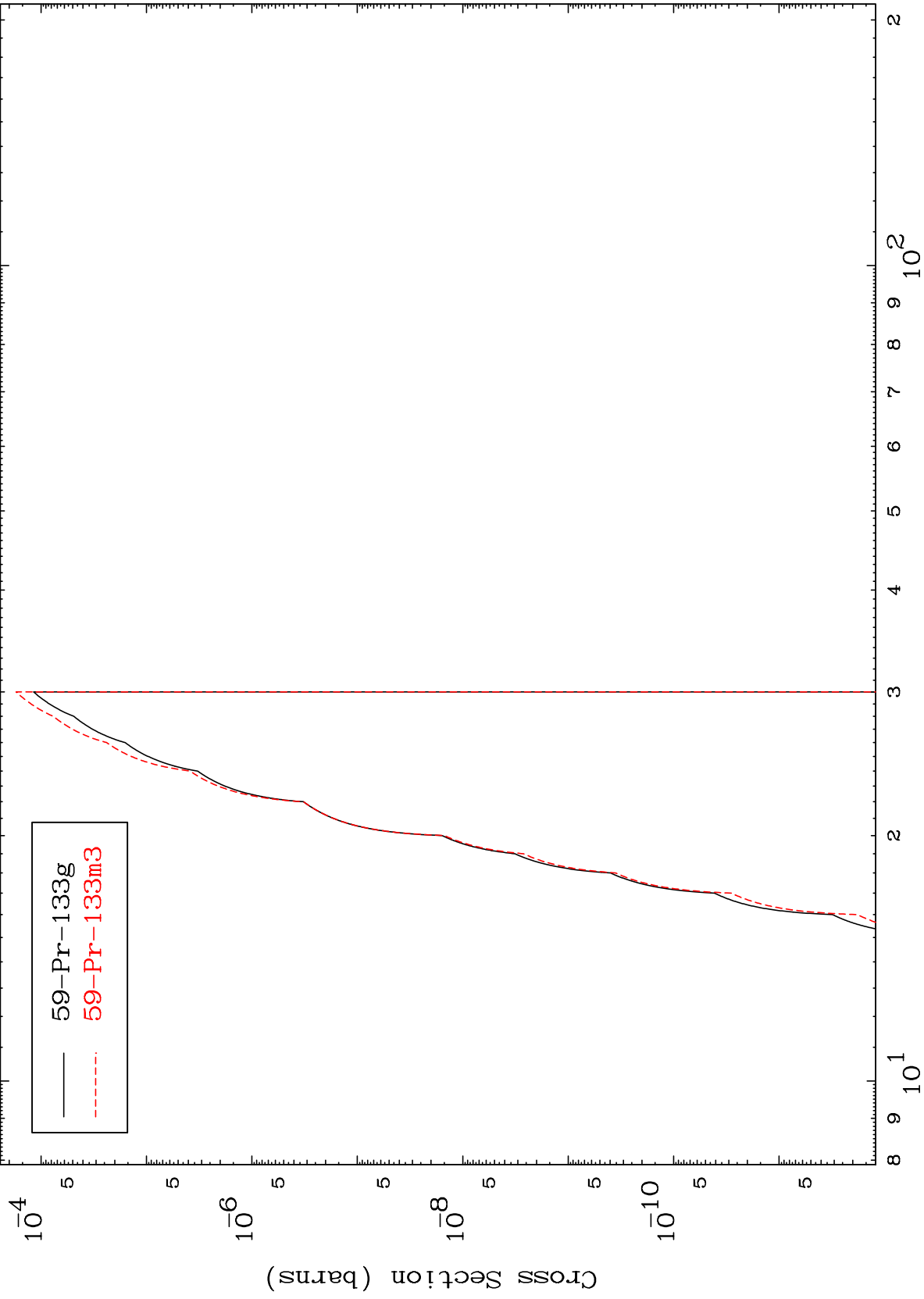
⁶⁰Nd-¹³⁵

MAT 6004

(d, n') He-3

60-Nd-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

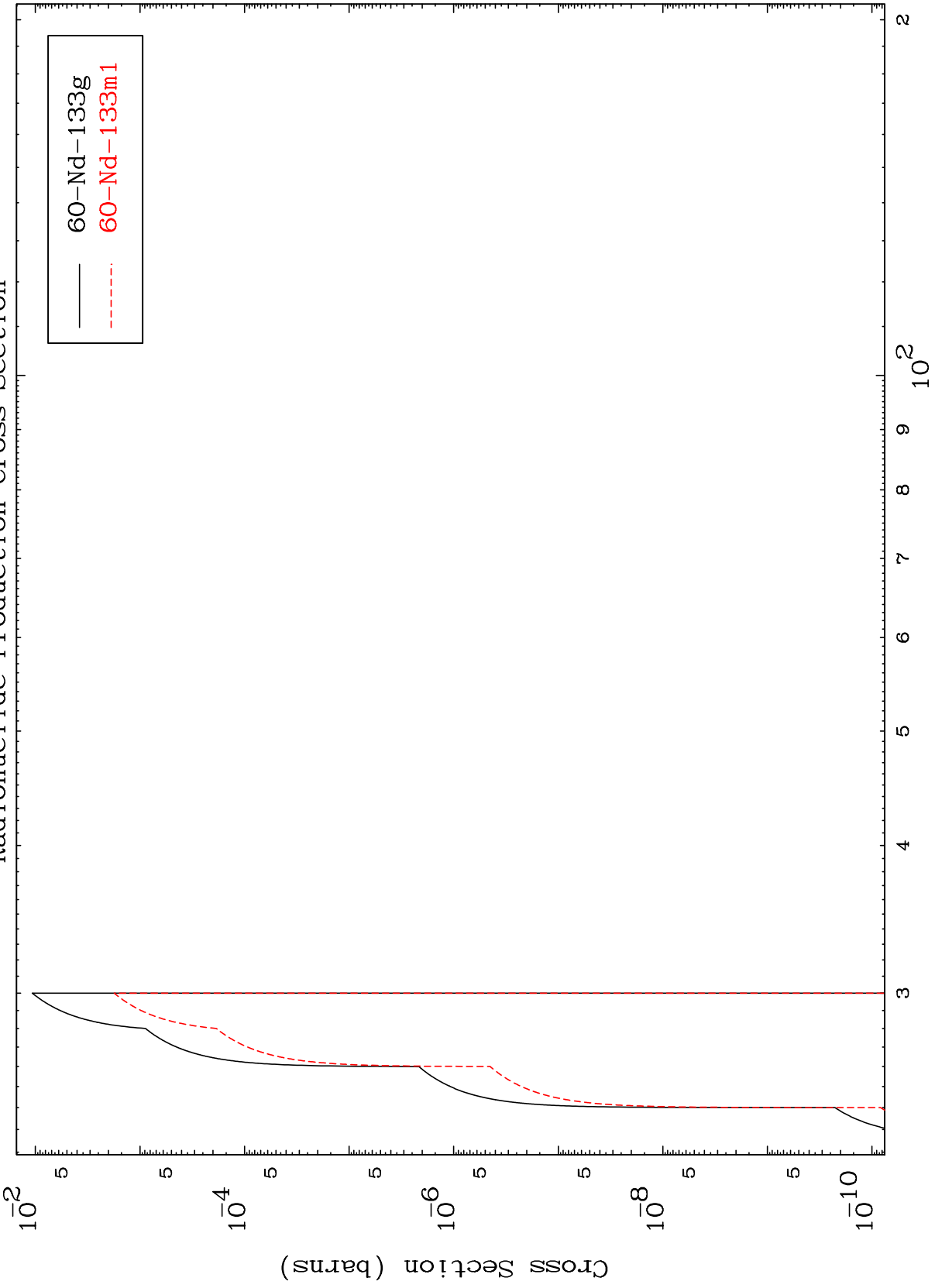
60-Nd-135

MAT 6004

(d,3n) p

⁶⁰Nd-135

Radionuclide Production Cross Section



21

Incident Energy (MeV)

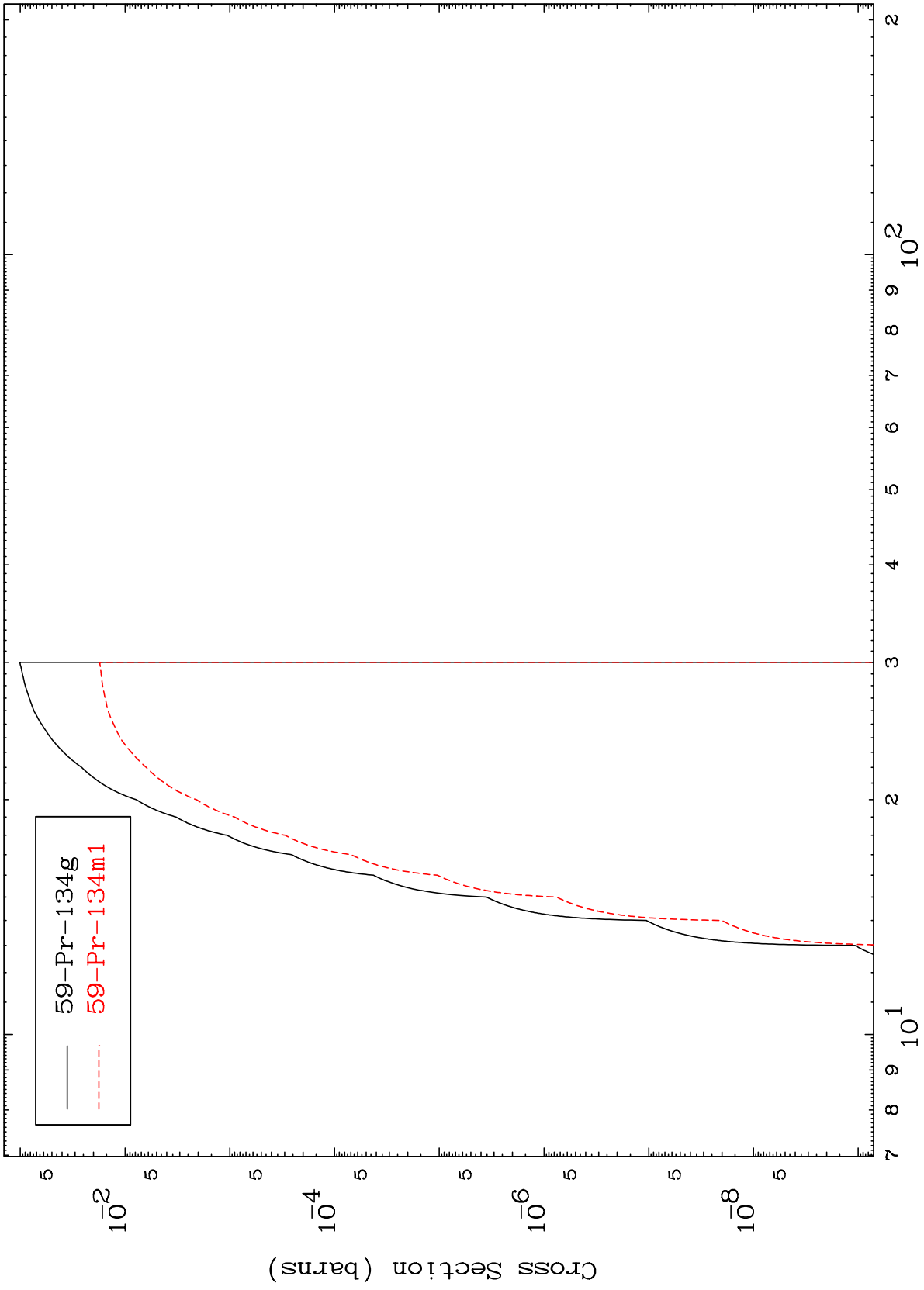
⁶⁰Nd-135

MAT 6004

(d,2n) p

60-Nd-135

Radionuclide Production Cross Section



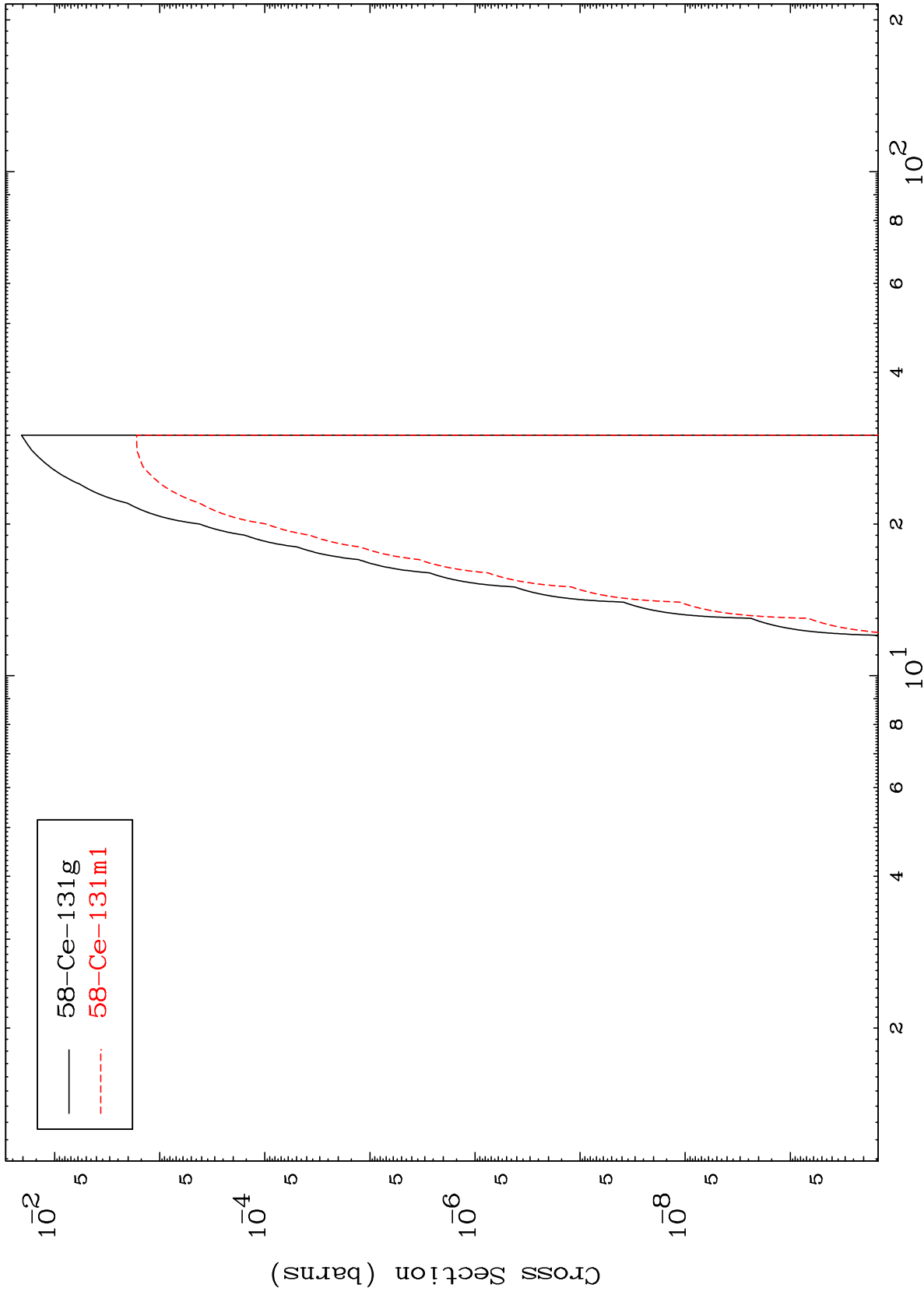
22

MAT 6004

(d,n') p α

60-Nd-135

Radionuclide Production Cross Section



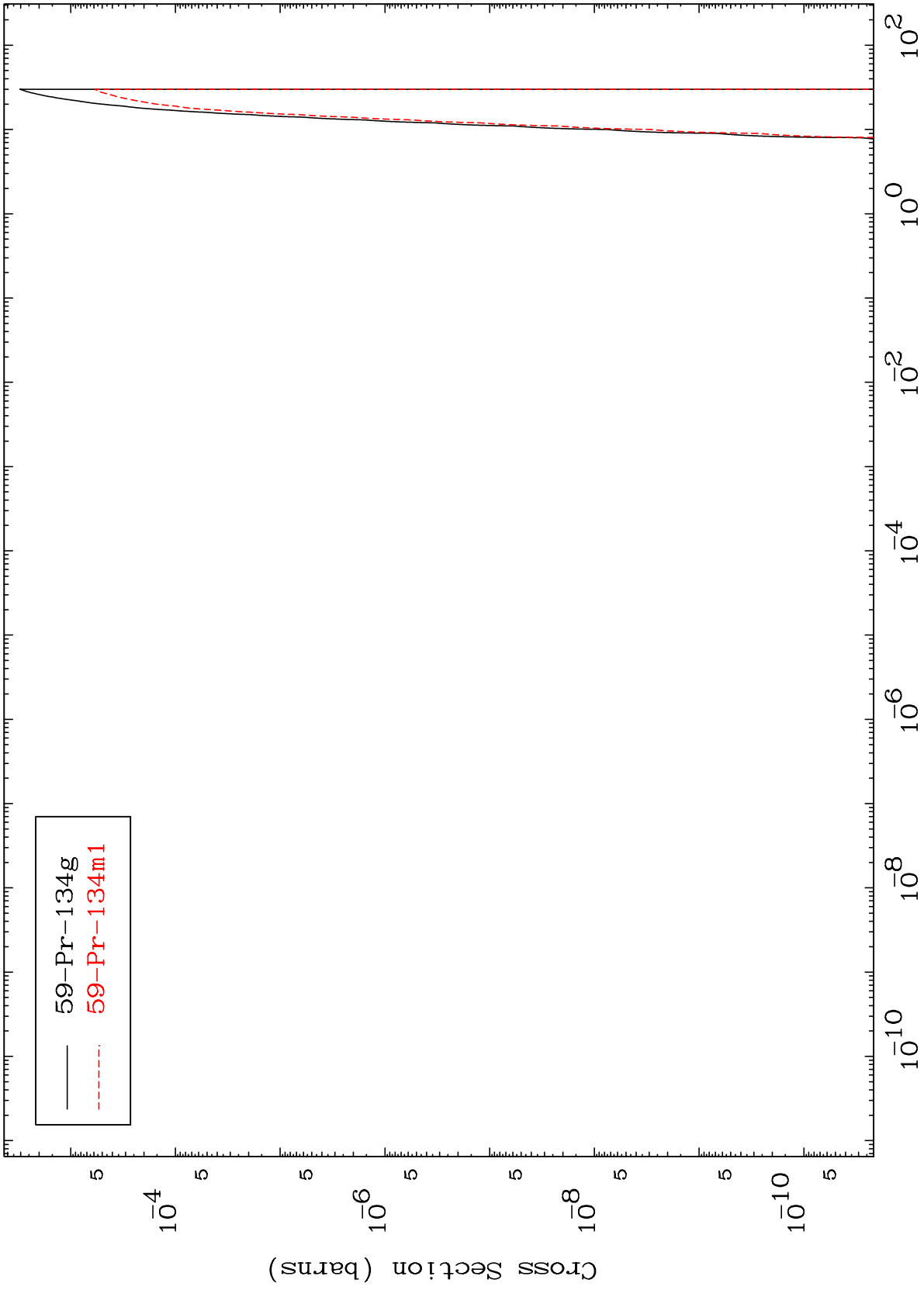
58-Ce-131g
58-Ce-131m1

MAT 6004

(d, He-3)

60-Nd-135

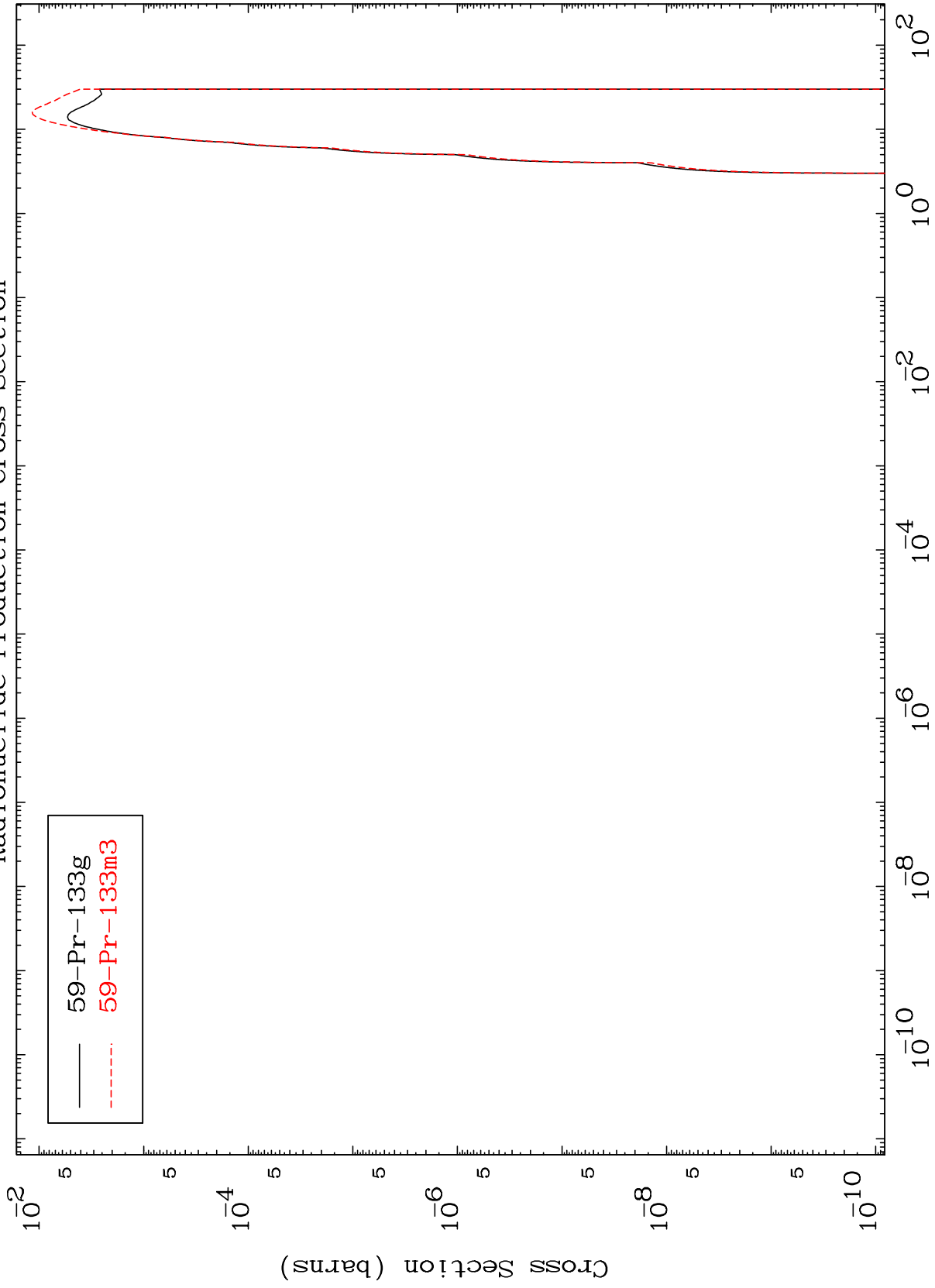
Radionuclide Production Cross Section



MAT 6004

(d, α)
Radionuclide Production Cross Section

$^{60}\text{Nd-135}$



25

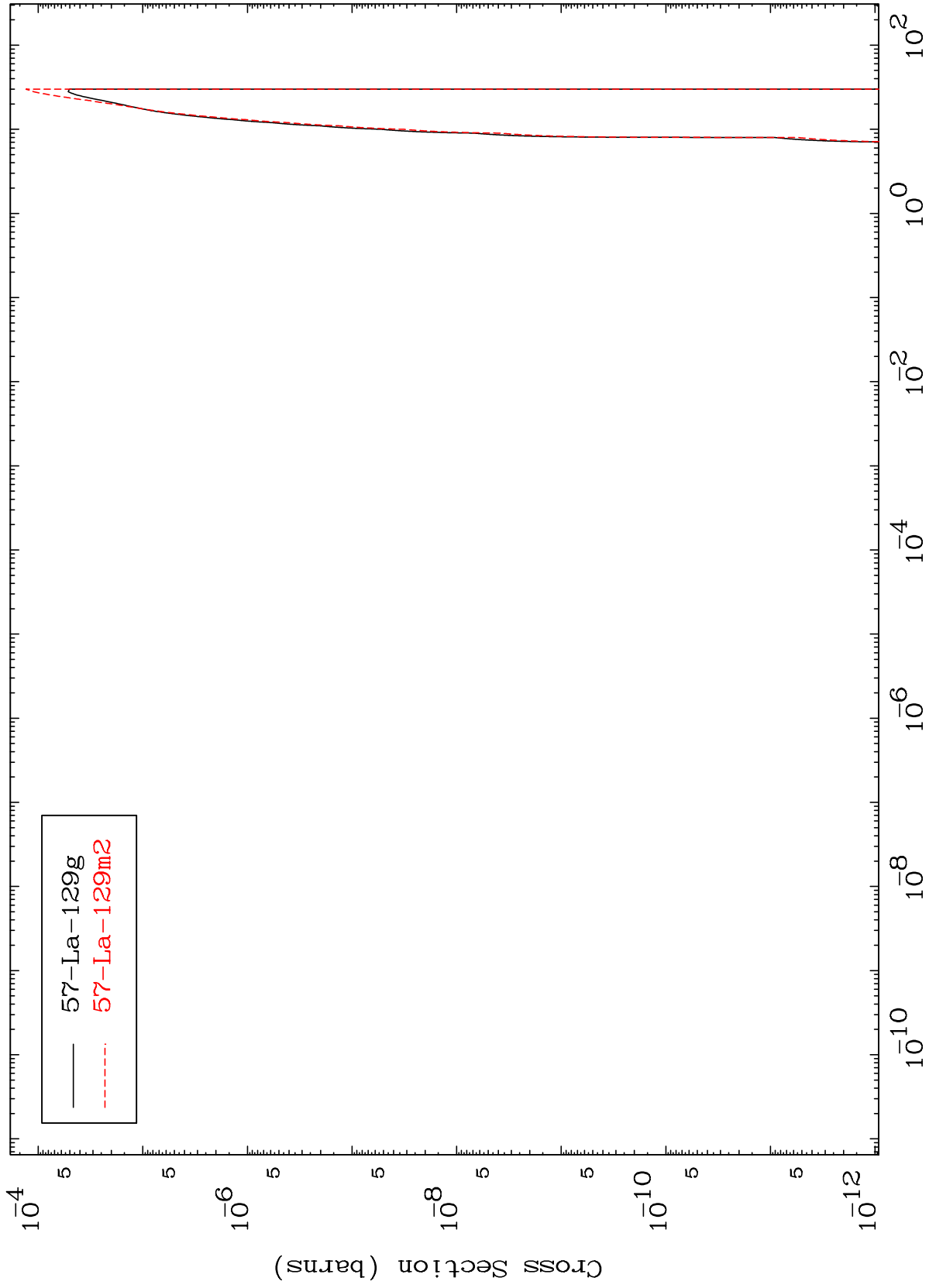
Incident Energy (MeV)

$^{60}\text{Nd-135}$

MAT 6004

Radionuclide Production Cross Section
(d,2 α)

60-Nd-135

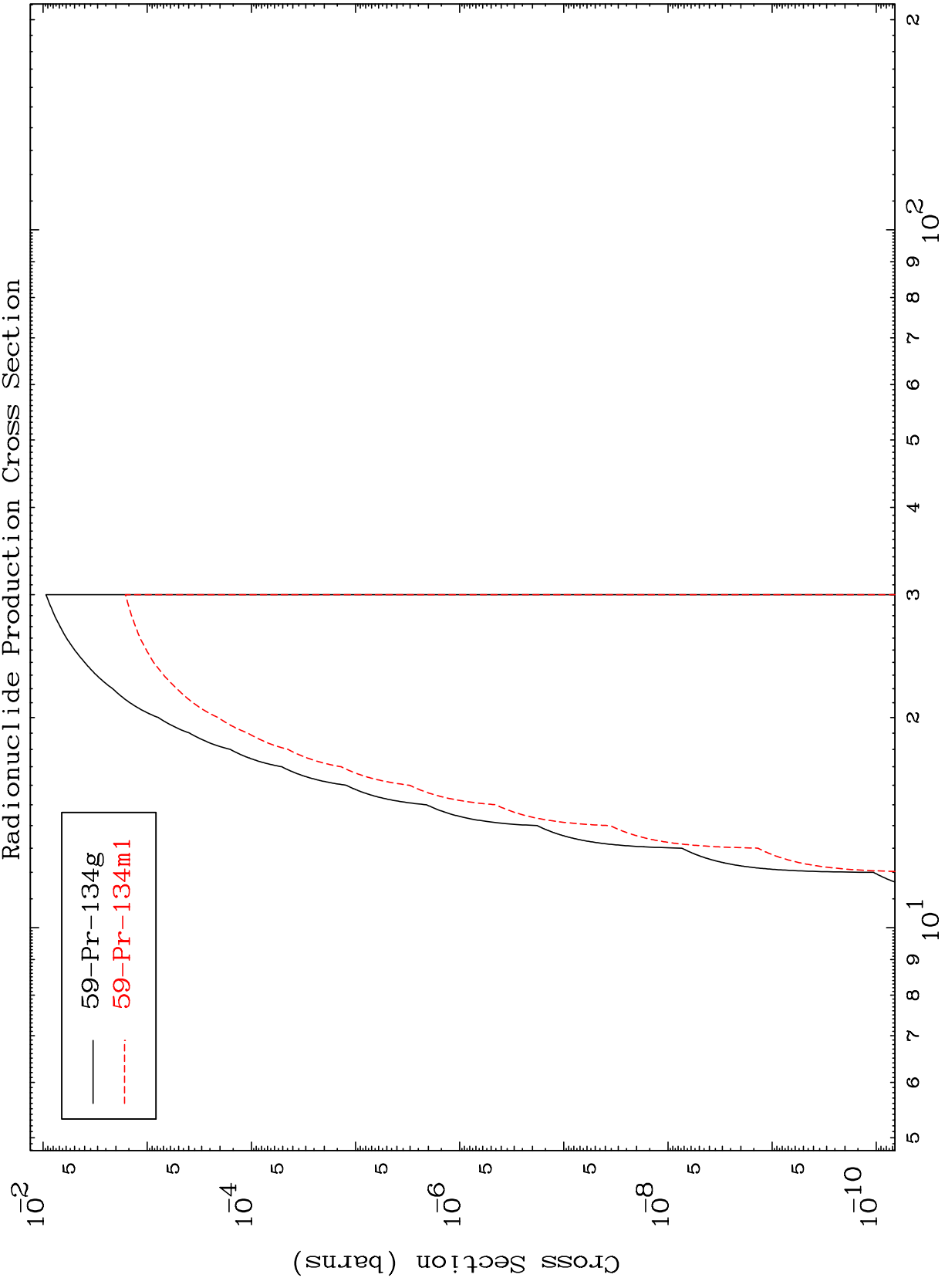


MAT 6004

(d,p) d

60-Nd-135

Radionuclide Production Cross Section



60-Nd-135

Incident Energy (MeV)

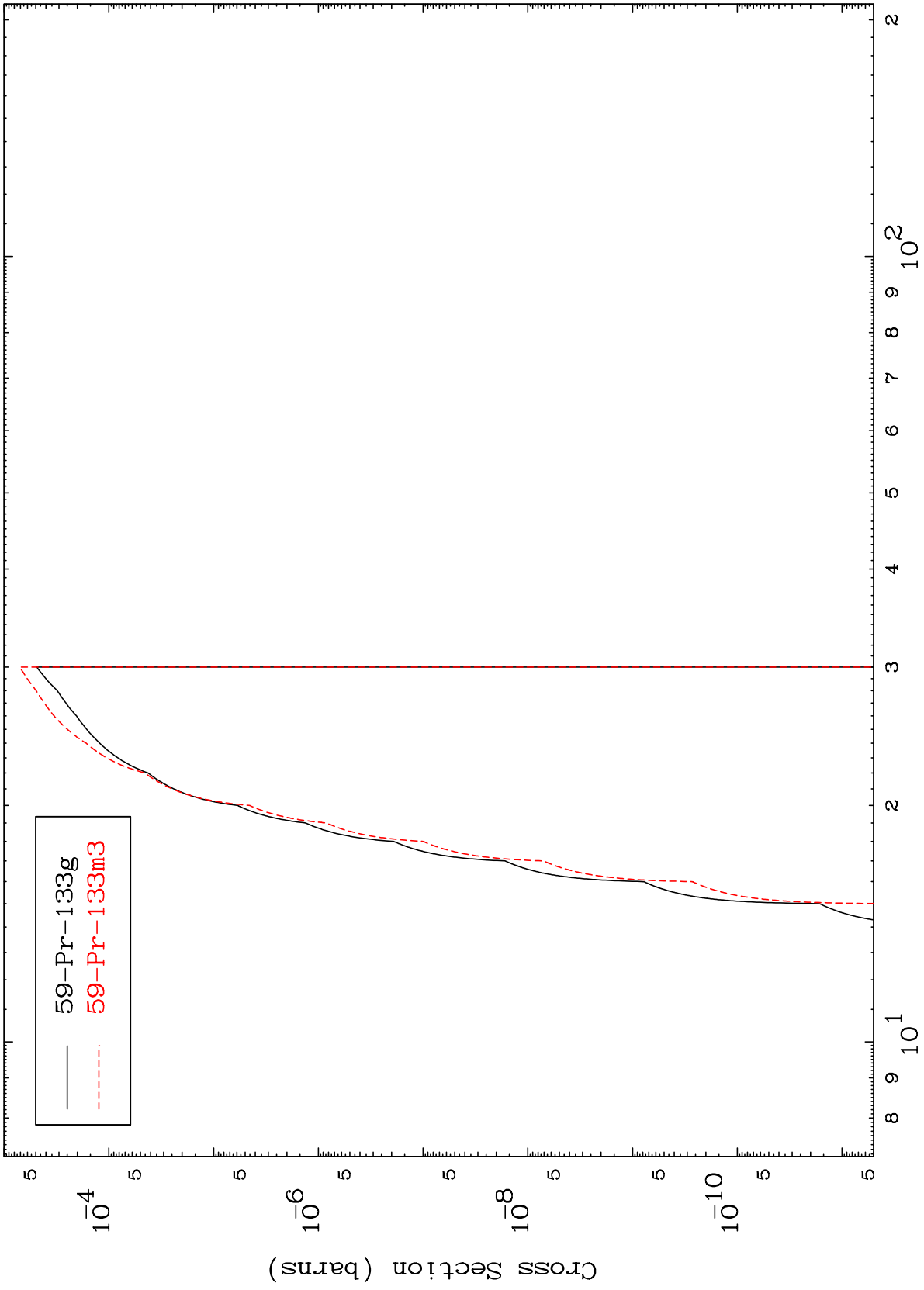
27

MAT 6004

(d,p) t

60-Nd-135

Radionuclide Production Cross Section



28

Incident Energy (MeV)

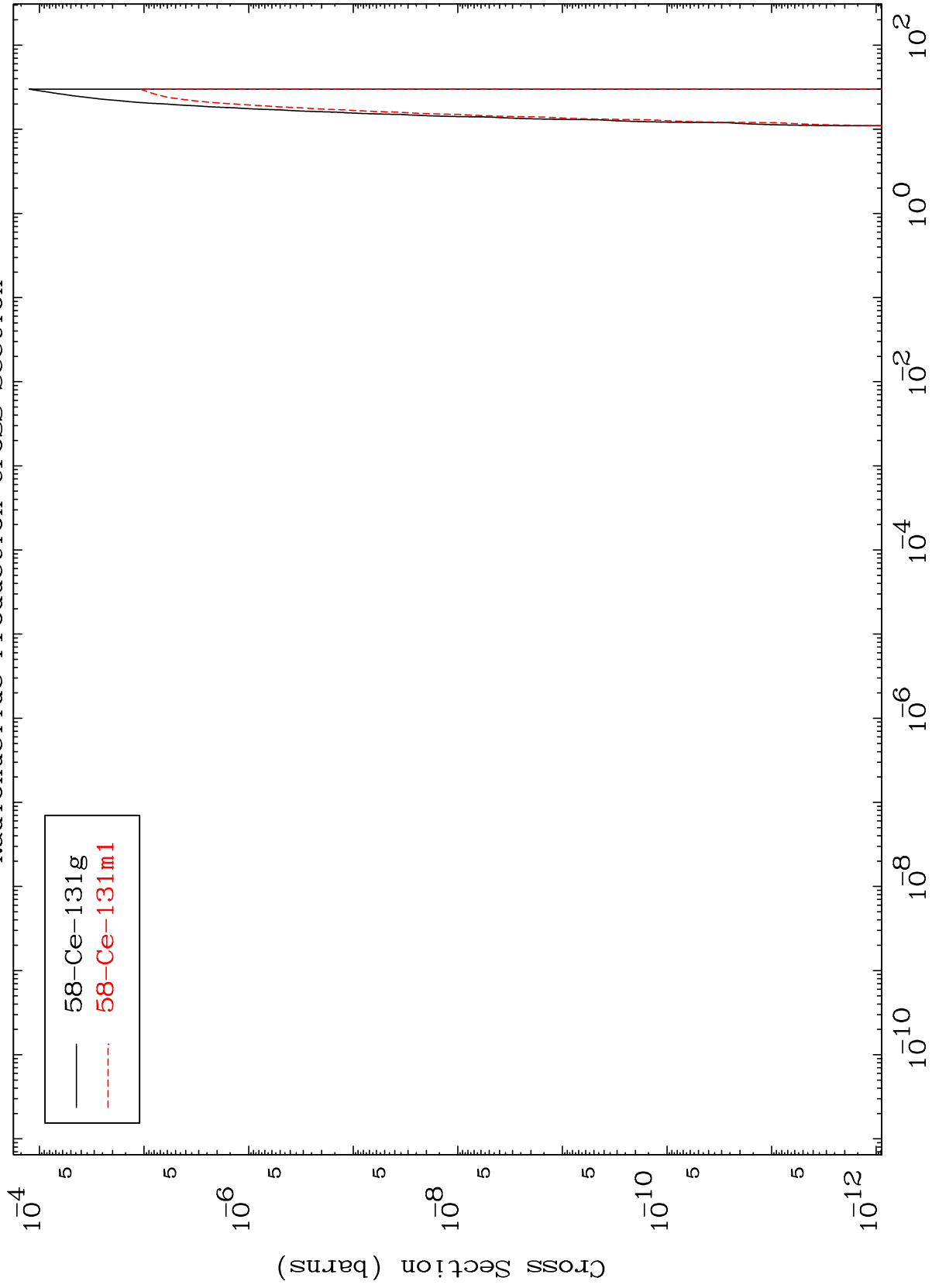
60-Nd-135

MAT 6004

(d,d) α

$^{60}\text{Nd-135}$

Radionuclide Production Cross Section



29

Incident Energy (MeV)

$^{60}\text{Nd-135}$