

Program EVALPLOT
(Version 2018-1)

by

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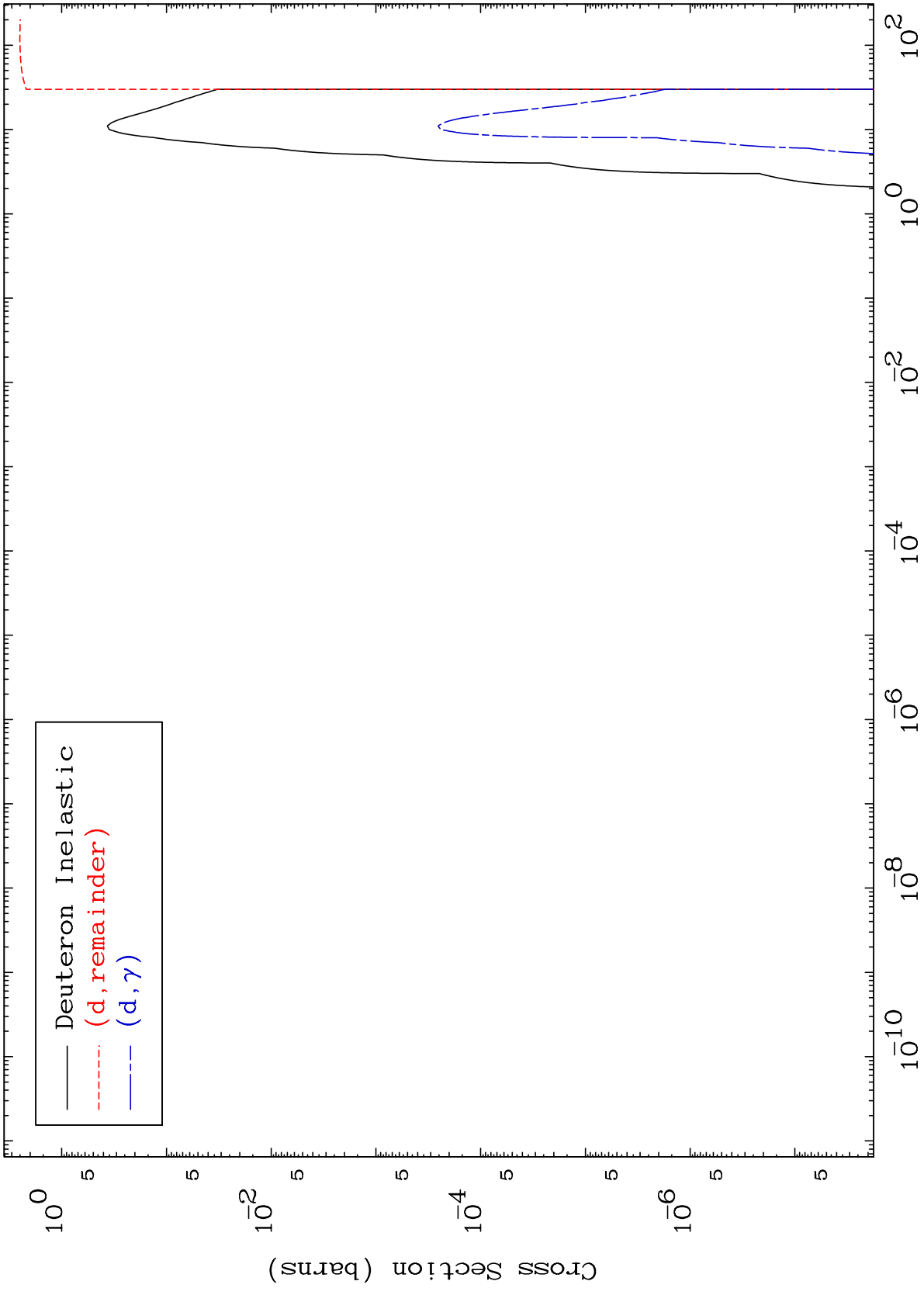
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6017

Deuteron Major
0 Kelvin Cross Sections

60-Nd-139

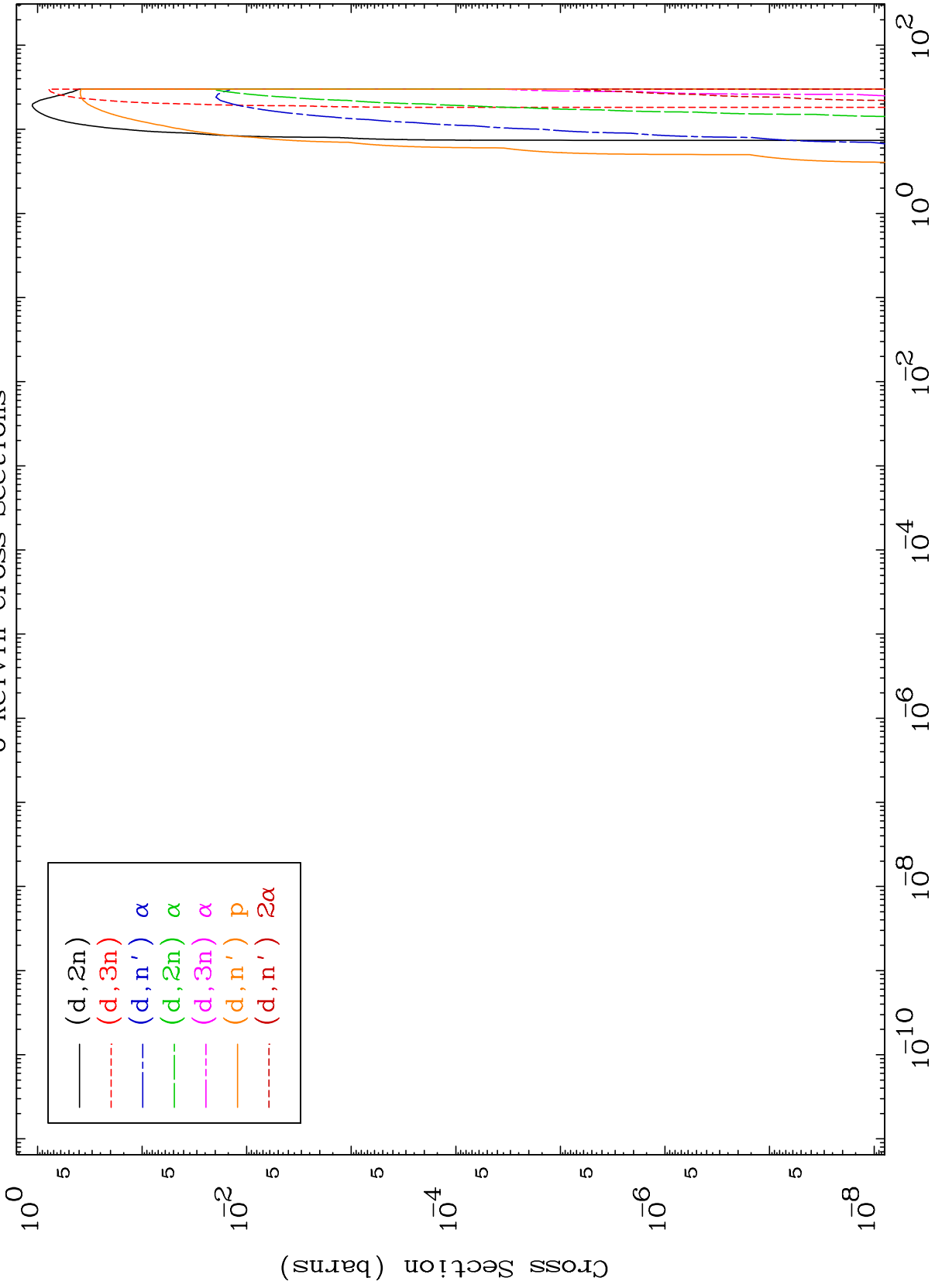


60-Nd-139

MAT 6017

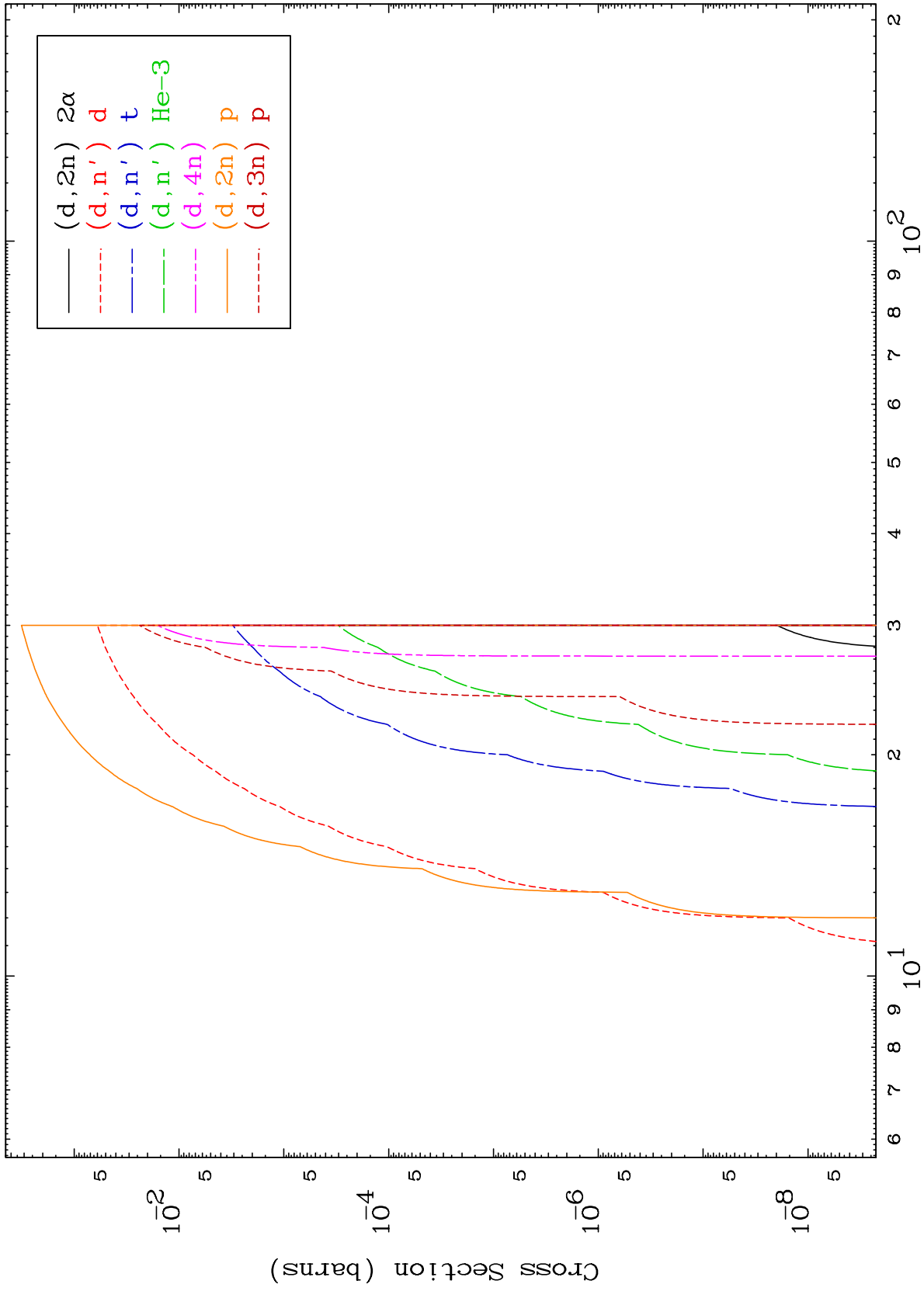
Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-139



2

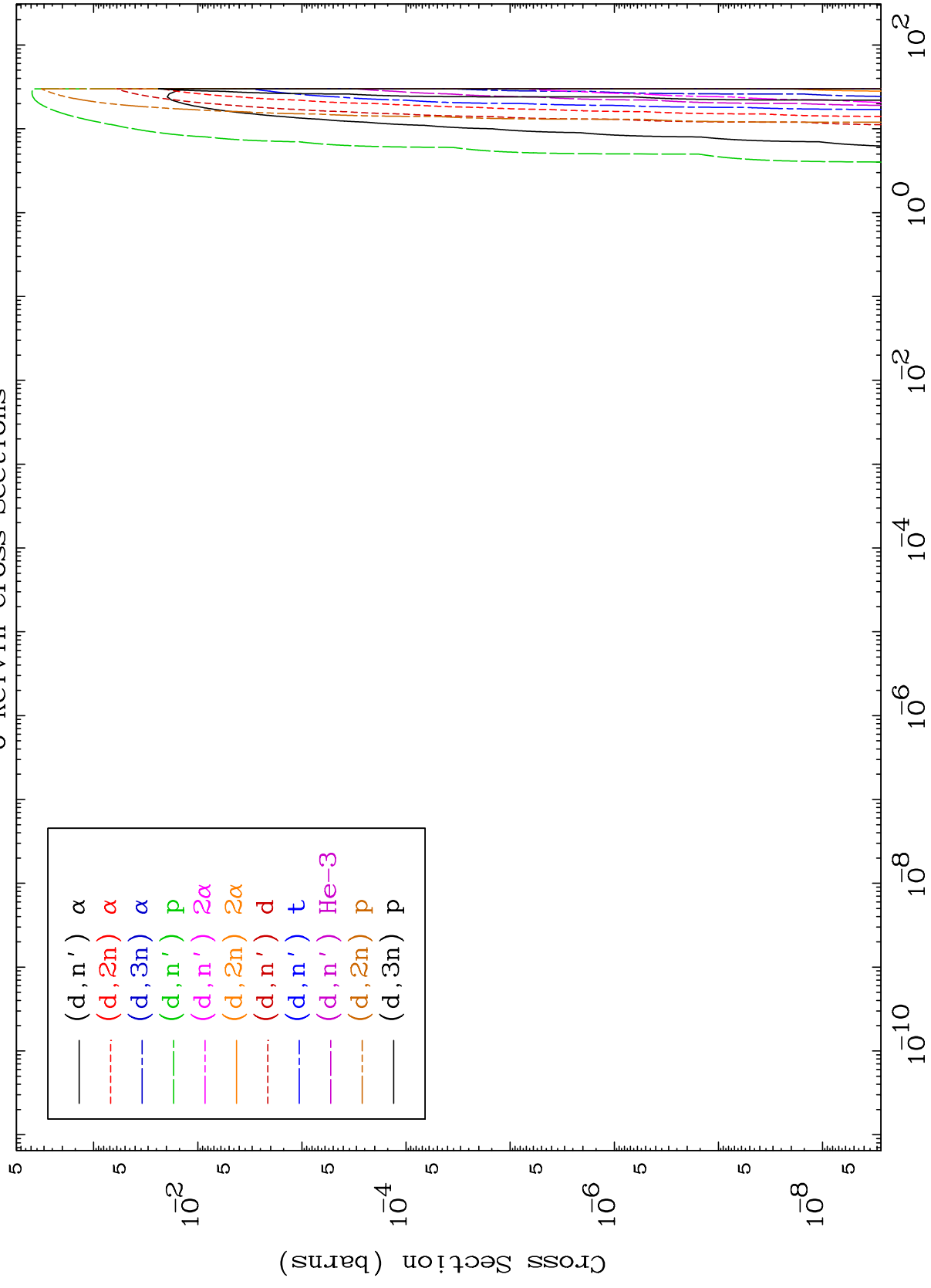
60-Nd-139



MAT 6017

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-139

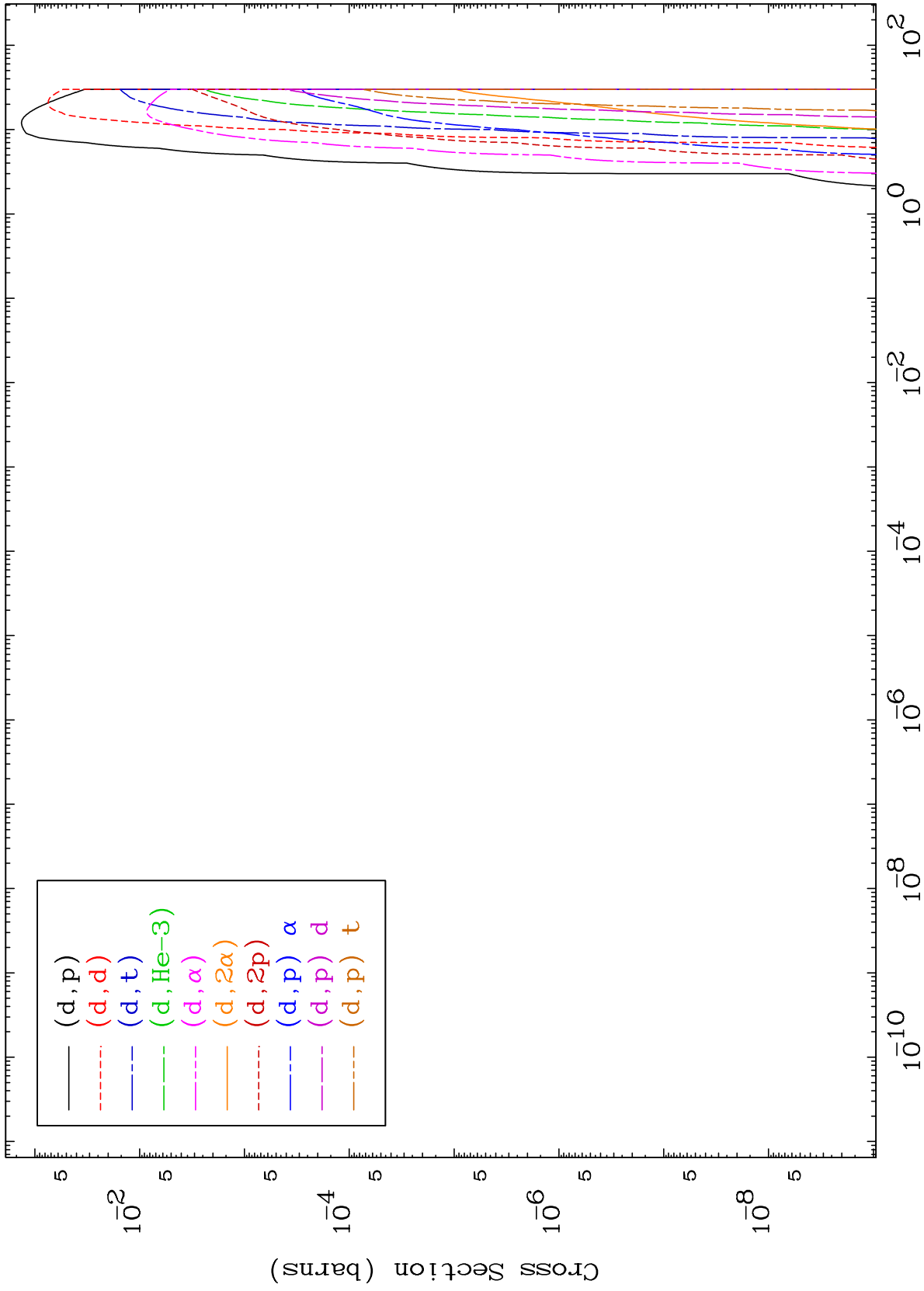


60-Nd-139

MAT 6017

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-139



5

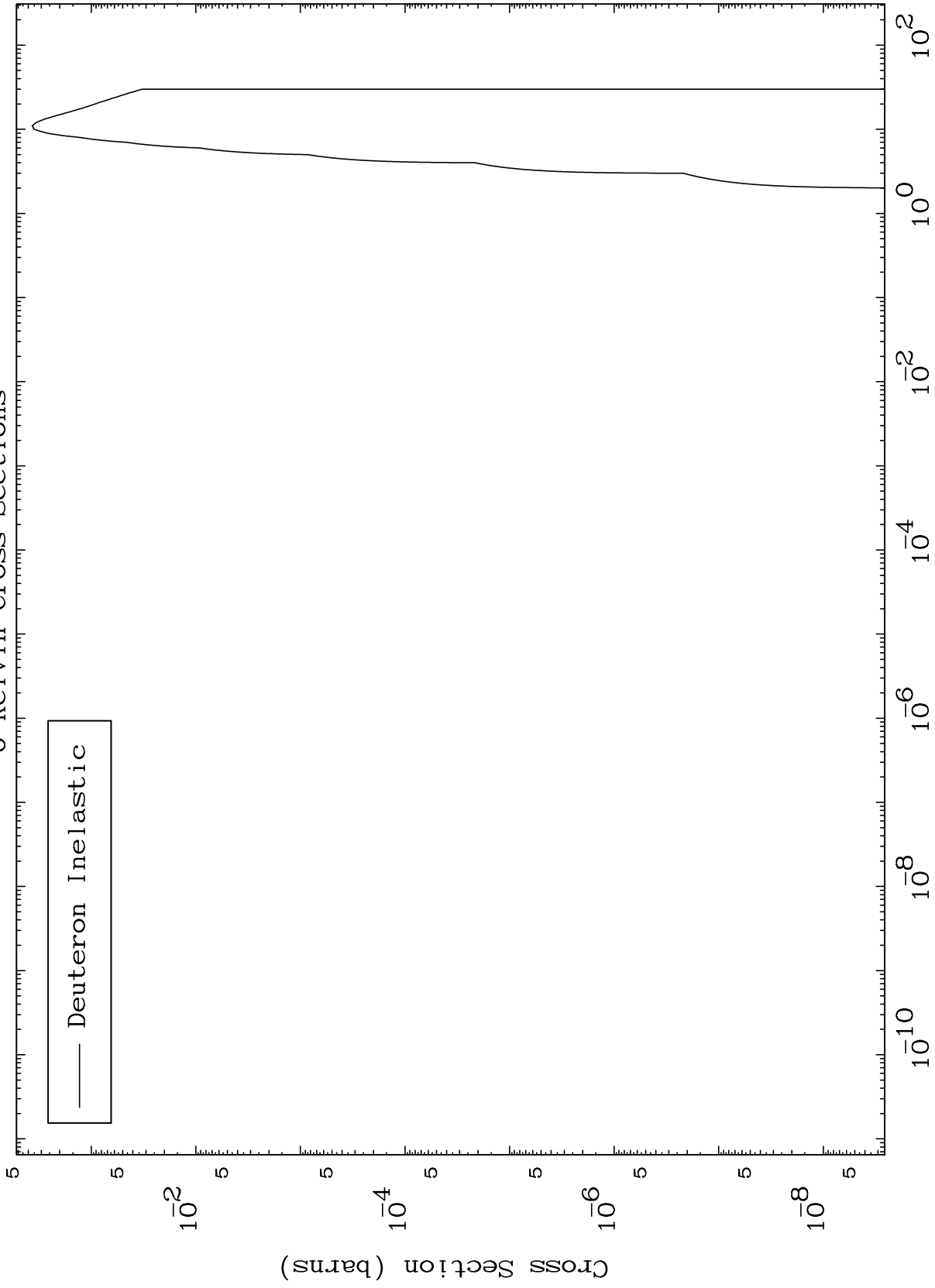
Incident Energy (MeV)

60-Nd-139

MAT 6017

(d,n') Level
0 Kelvin Cross Sections

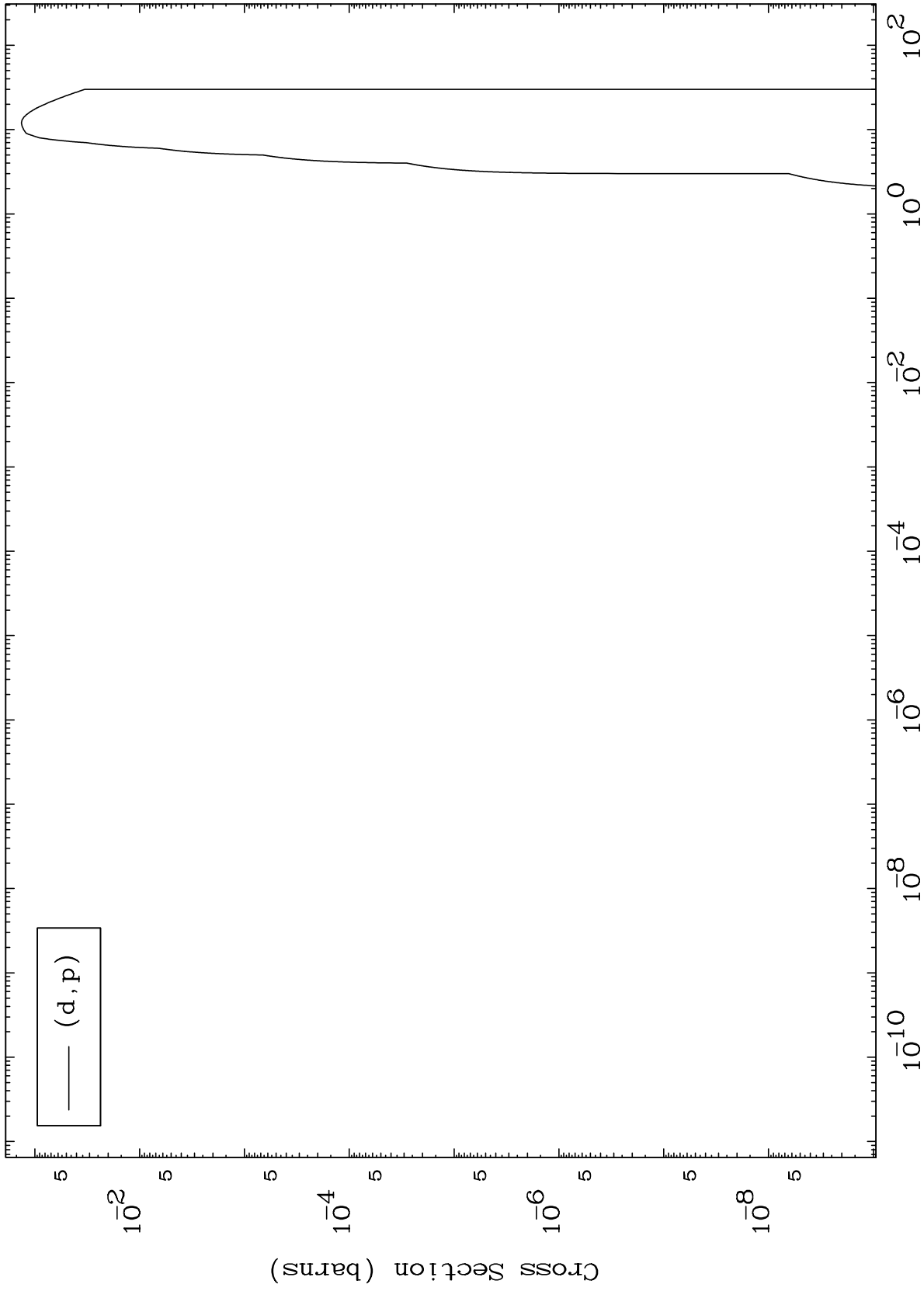
60-Nd-139



MAT 6017

(d,p) Levels
0 Kelvin Cross Sections

60-Nd-139



7

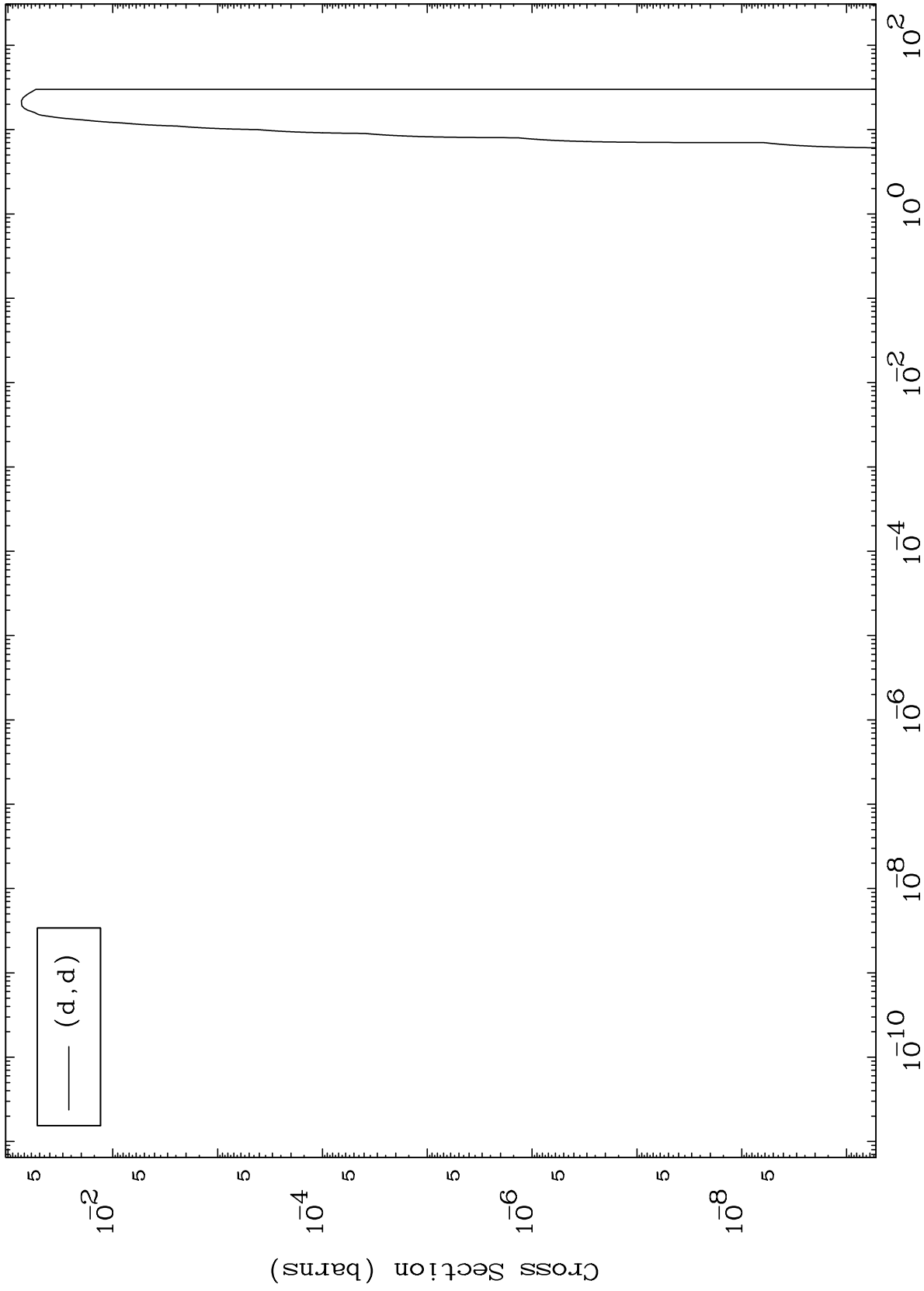
Incident Energy (MeV)

60-Nd-139

MAT 6017

(d,d) Levels
0 Kelvin Cross Sections

60-Nd-139



8

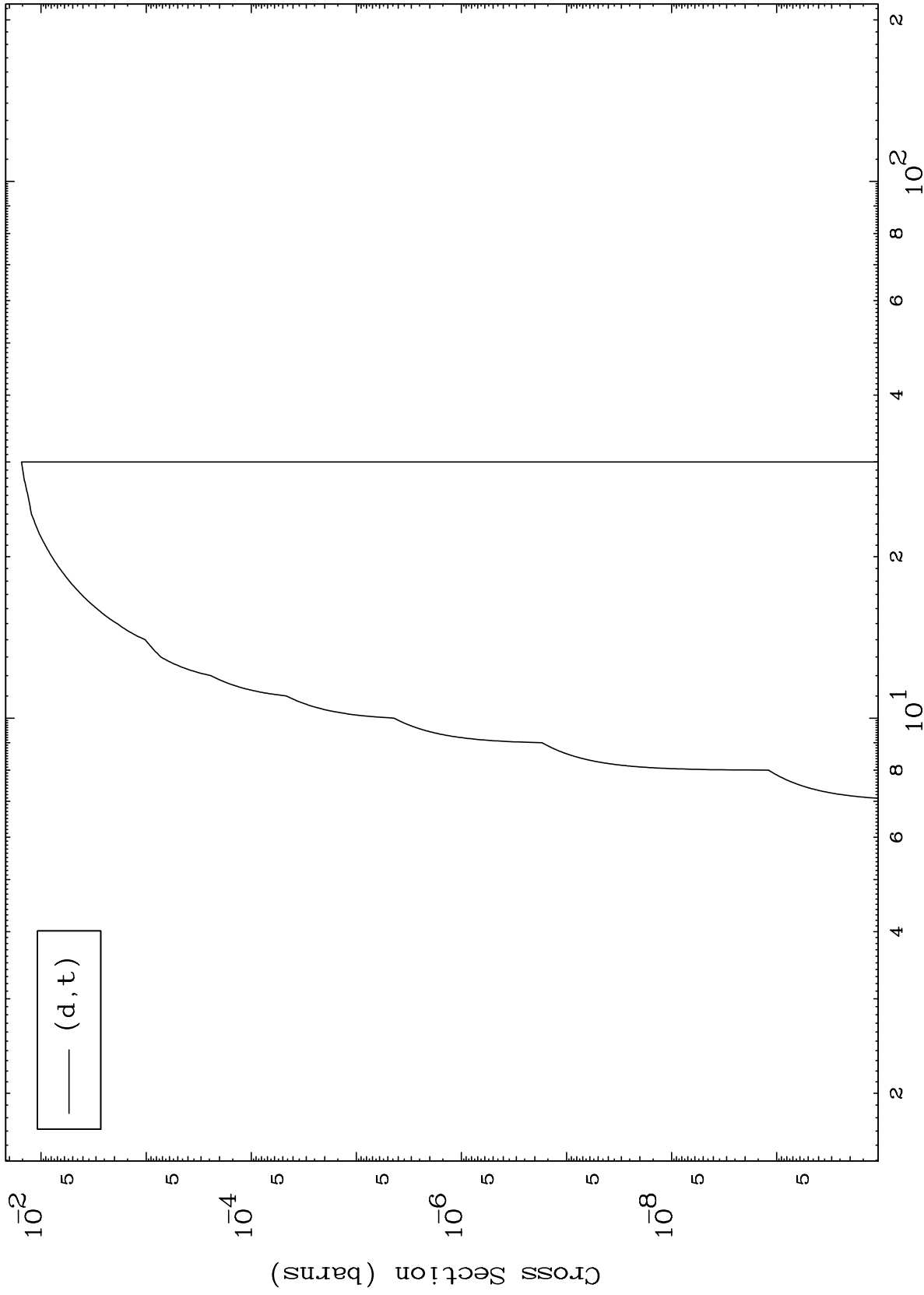
Incident Energy (MeV)

60-Nd-139

MAT 6017

(d,t) Levels
0 Kelvin Cross Sections

60-Nd-139



9

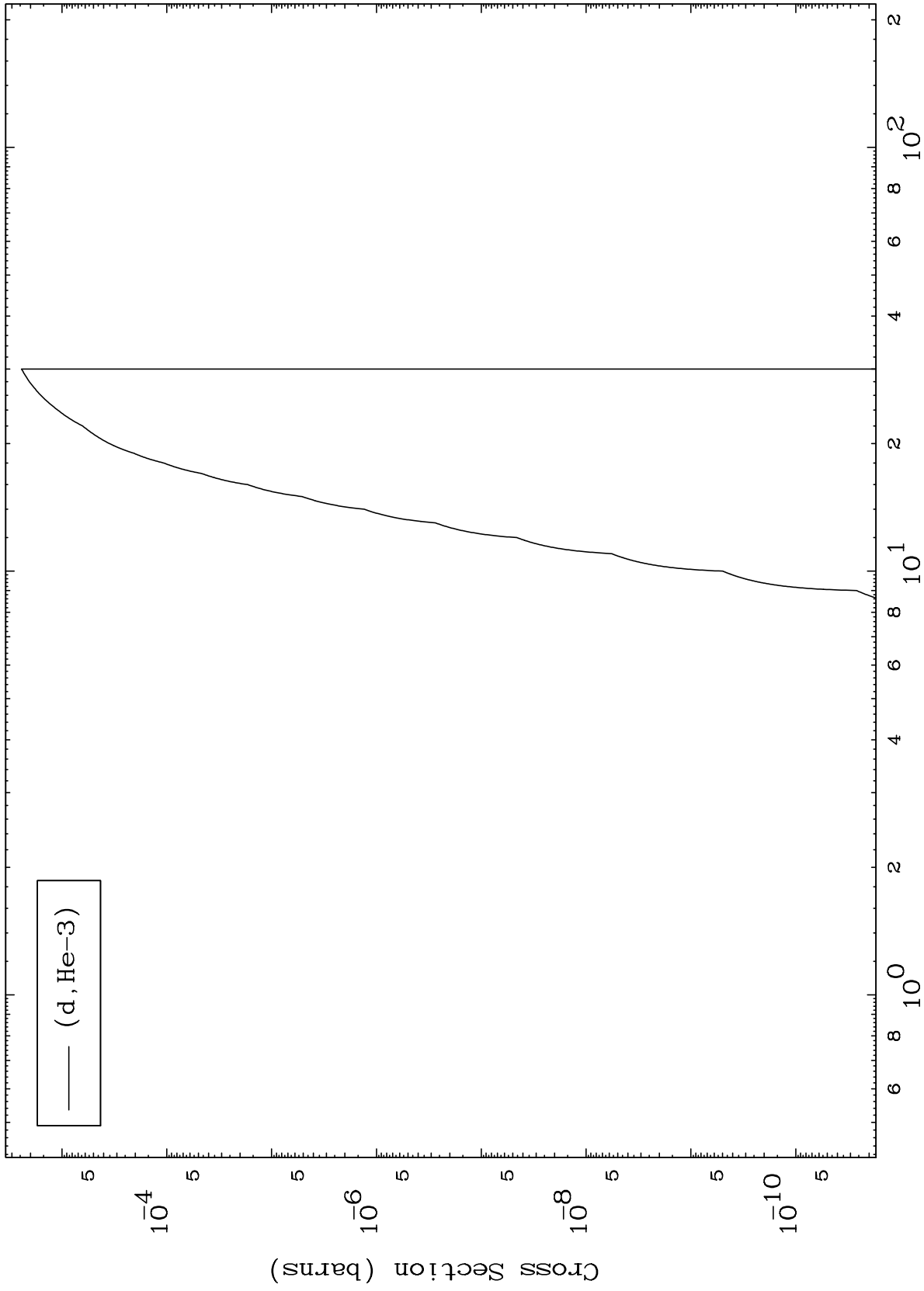
Incident Energy (MeV)

60-Nd-139

MAT 6017

(d,He3) Levels
0 Kelvin Cross Sections

60-Nd-139



10

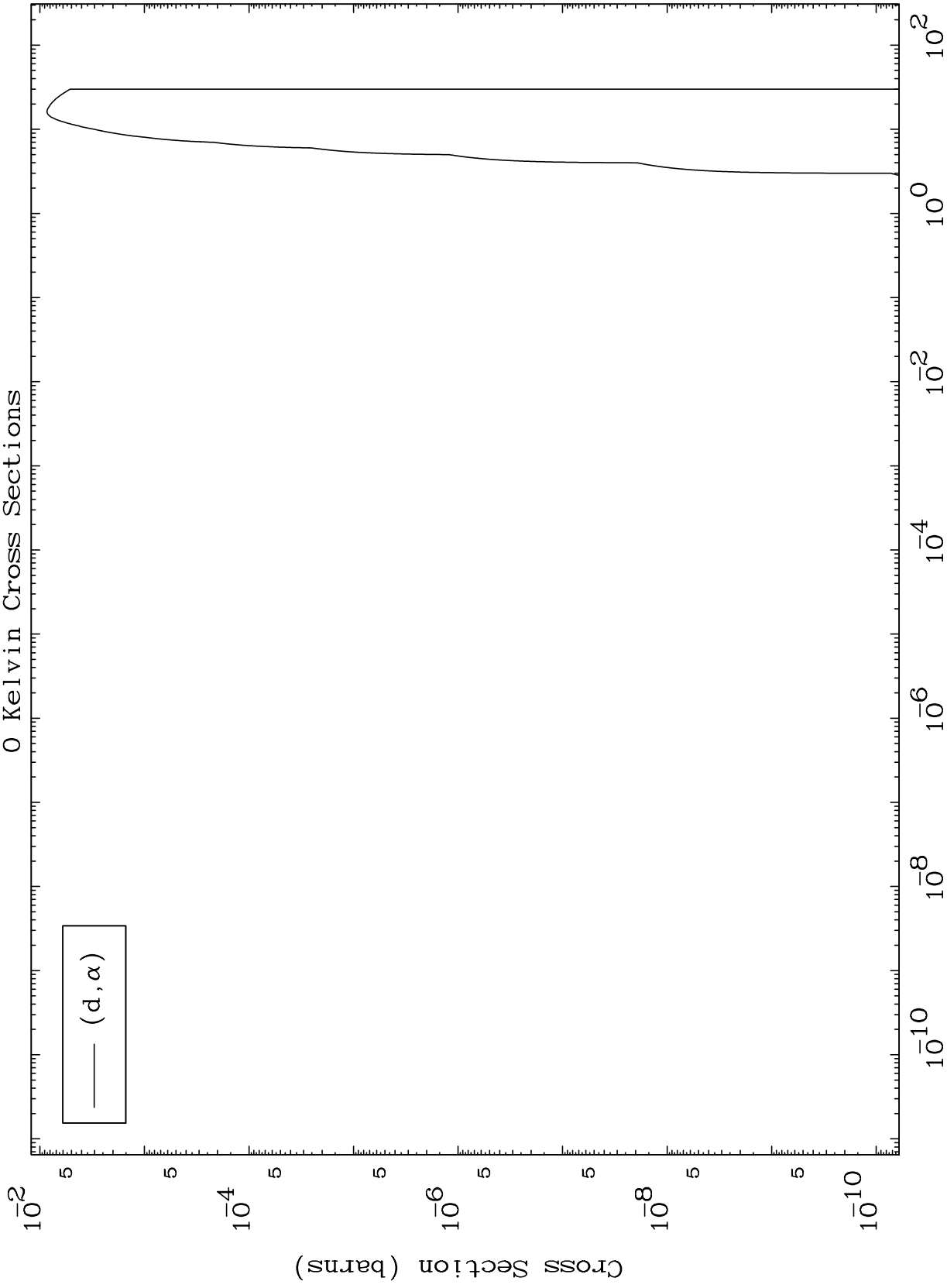
Incident Energy (MeV)

60-Nd-139

MAT 6017

(d, α) Levels
0 Kelvin Cross Sections

60-Nd-139



11

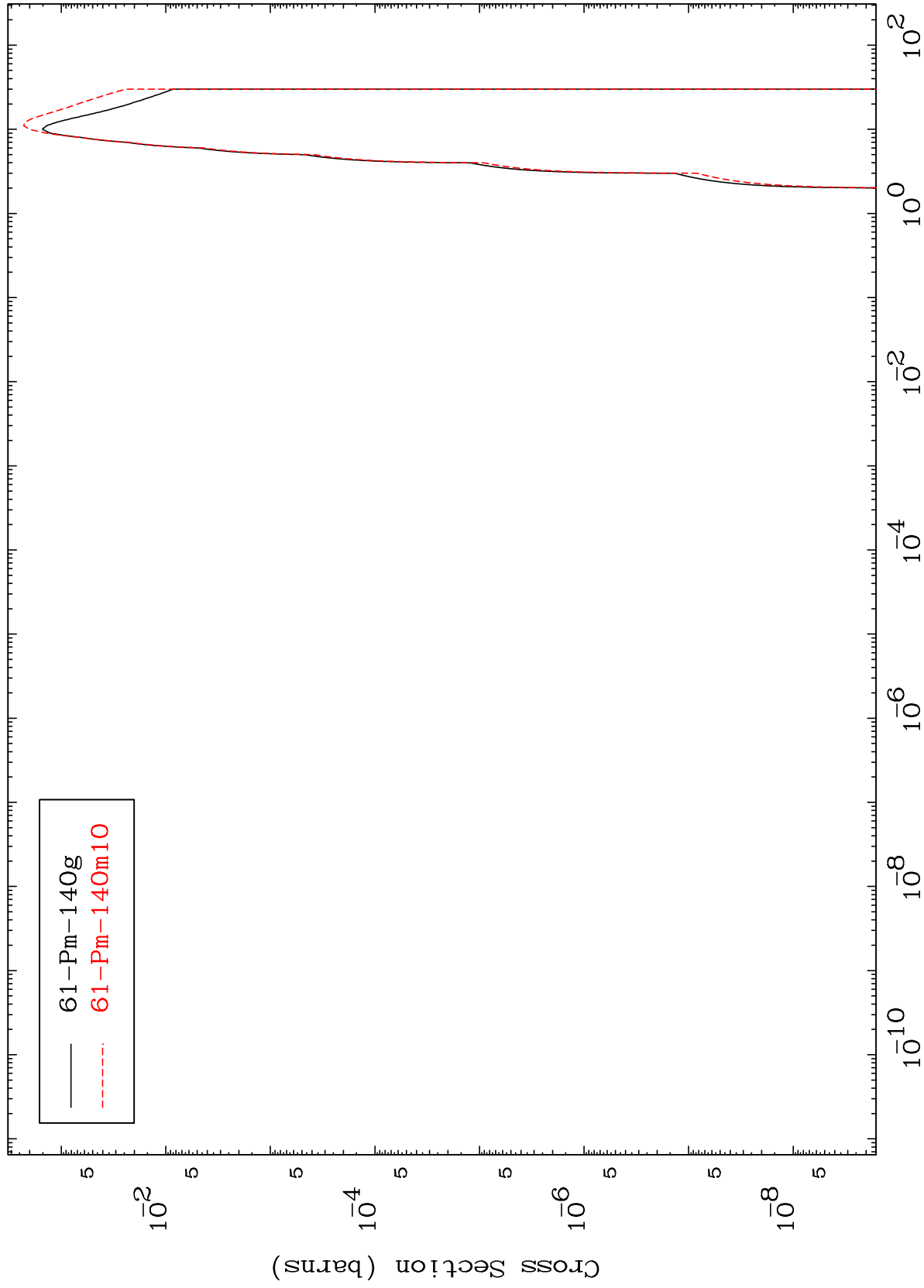
Incident Energy (MeV)

60-Nd-139

MAT 6017

Deuteron Inelastic
Radionuclide Production Cross Section

60-Nd-139



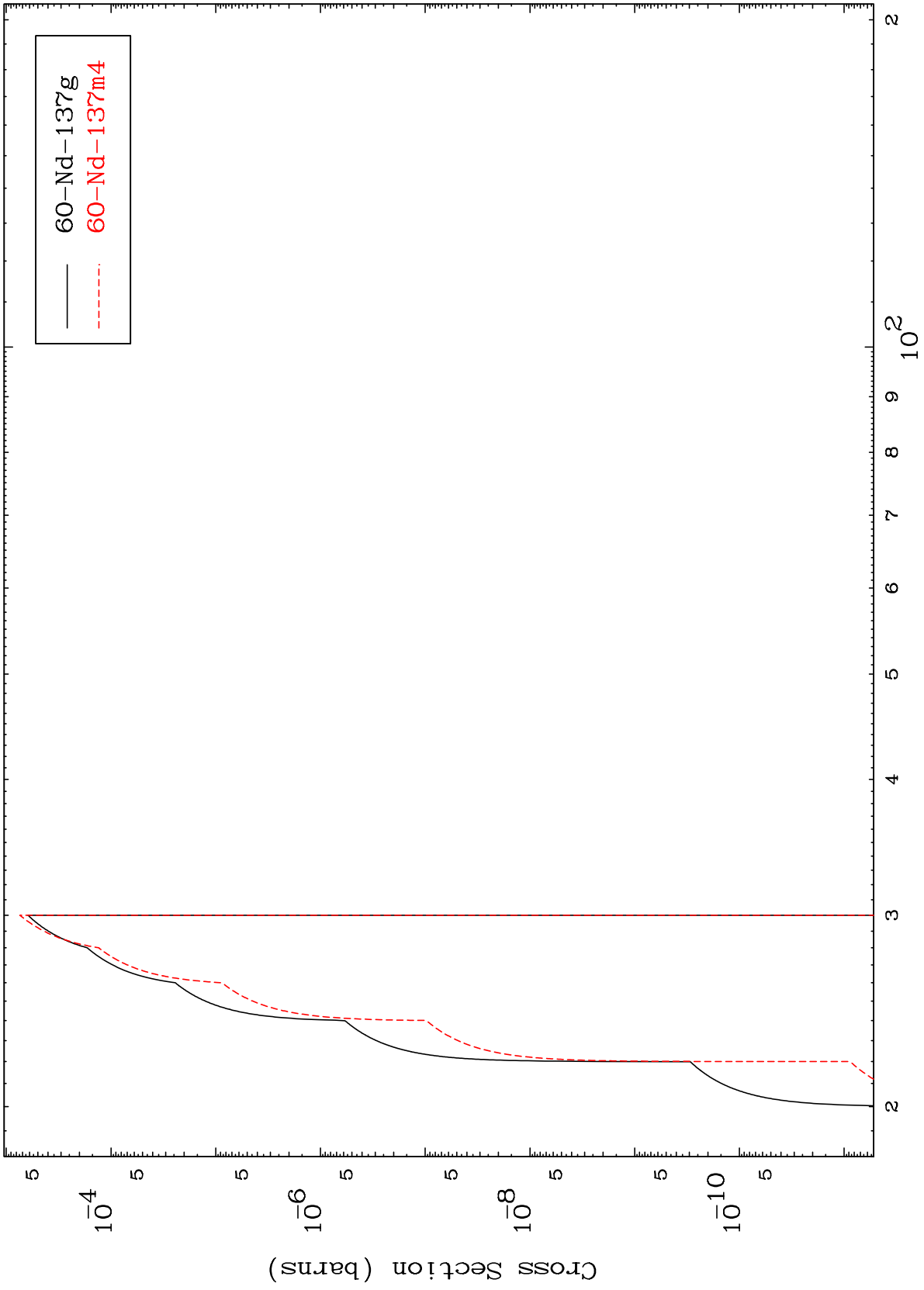
60-Nd-139

MAT 6017

(d,2n) d

⁶⁰Nd-139

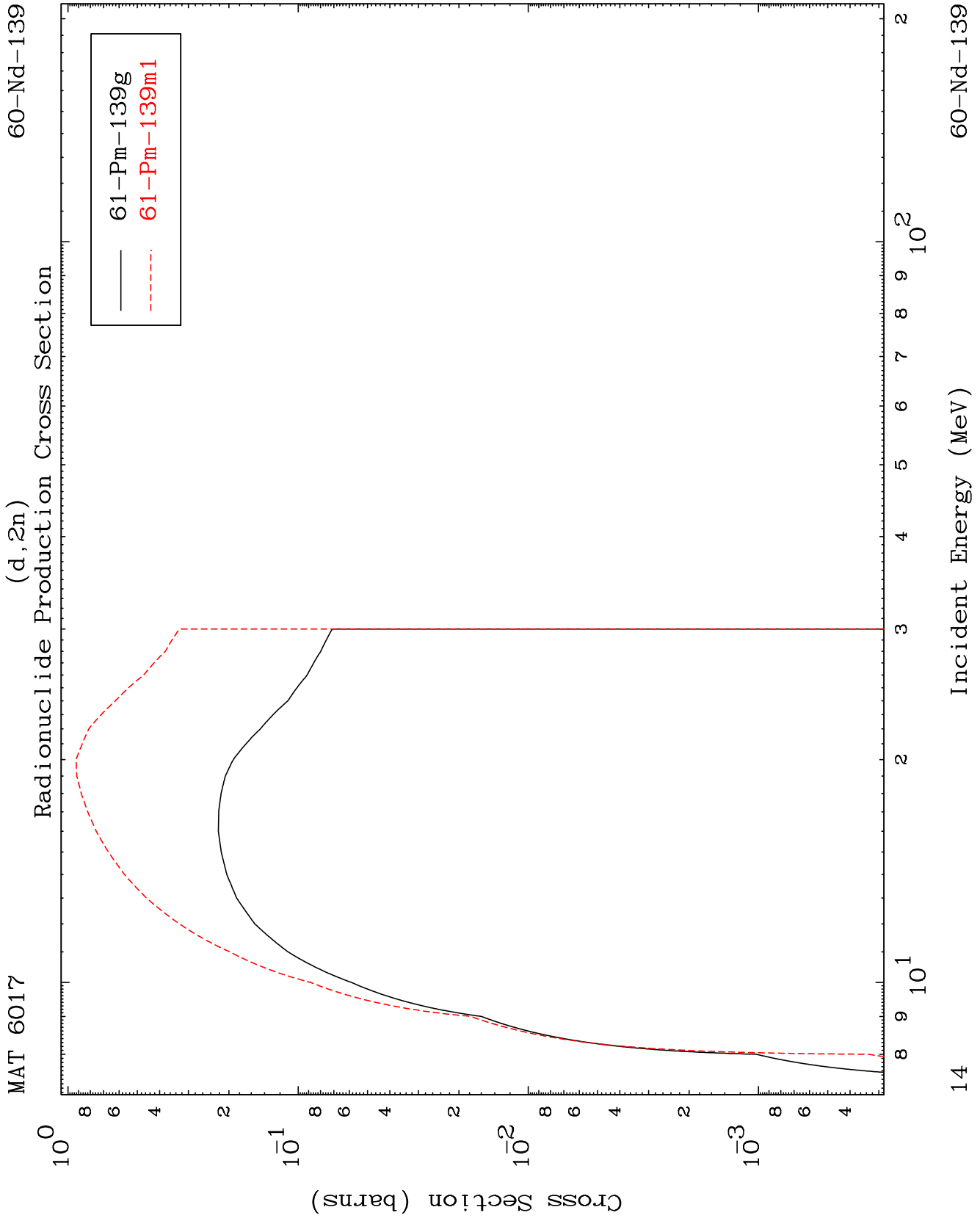
Radionuclide Production Cross Section



13

Incident Energy (MeV)

⁶⁰Nd-139

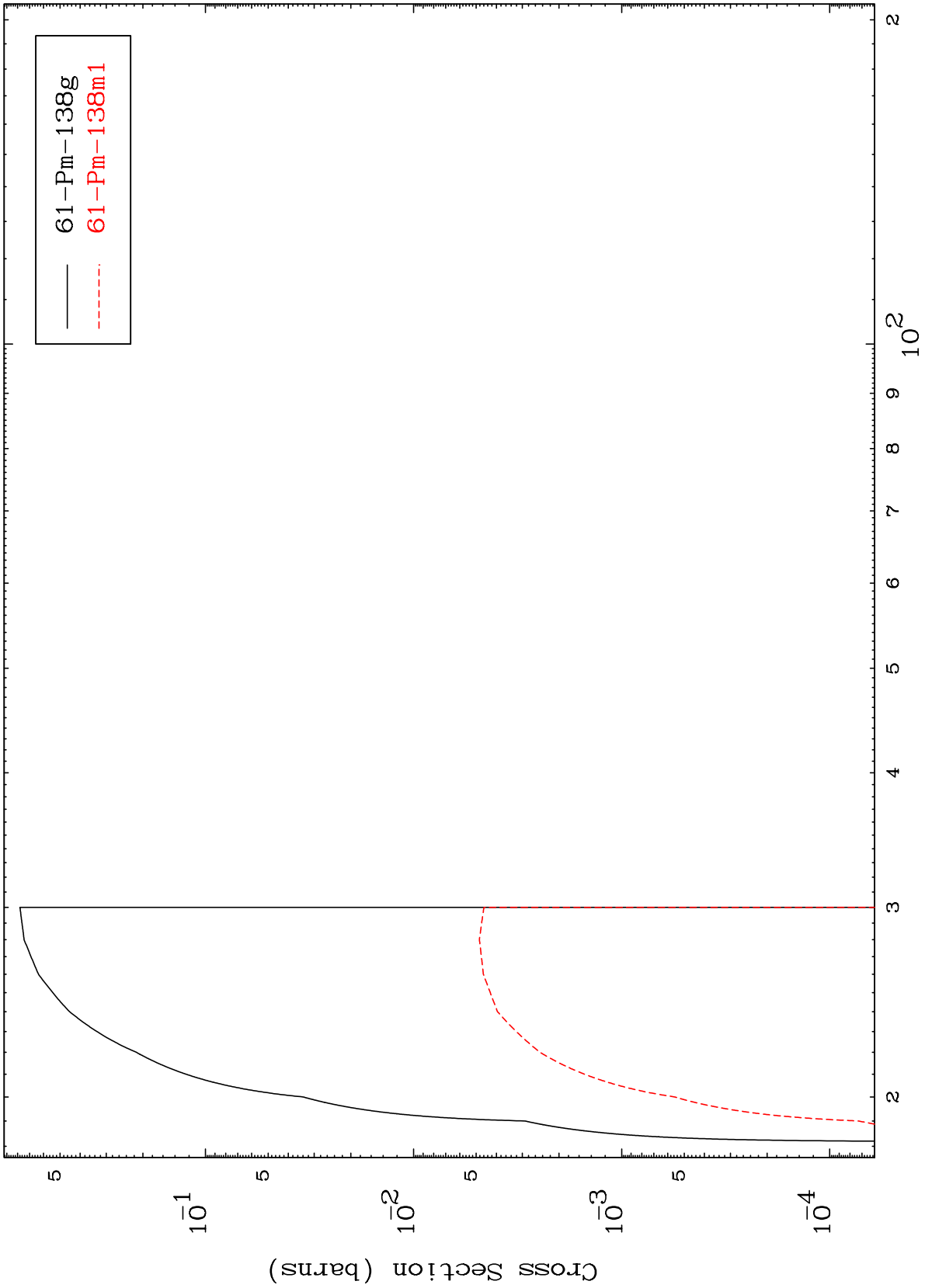


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(d,3n)

60-Nd-139

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

15

Incident Energy (MeV)

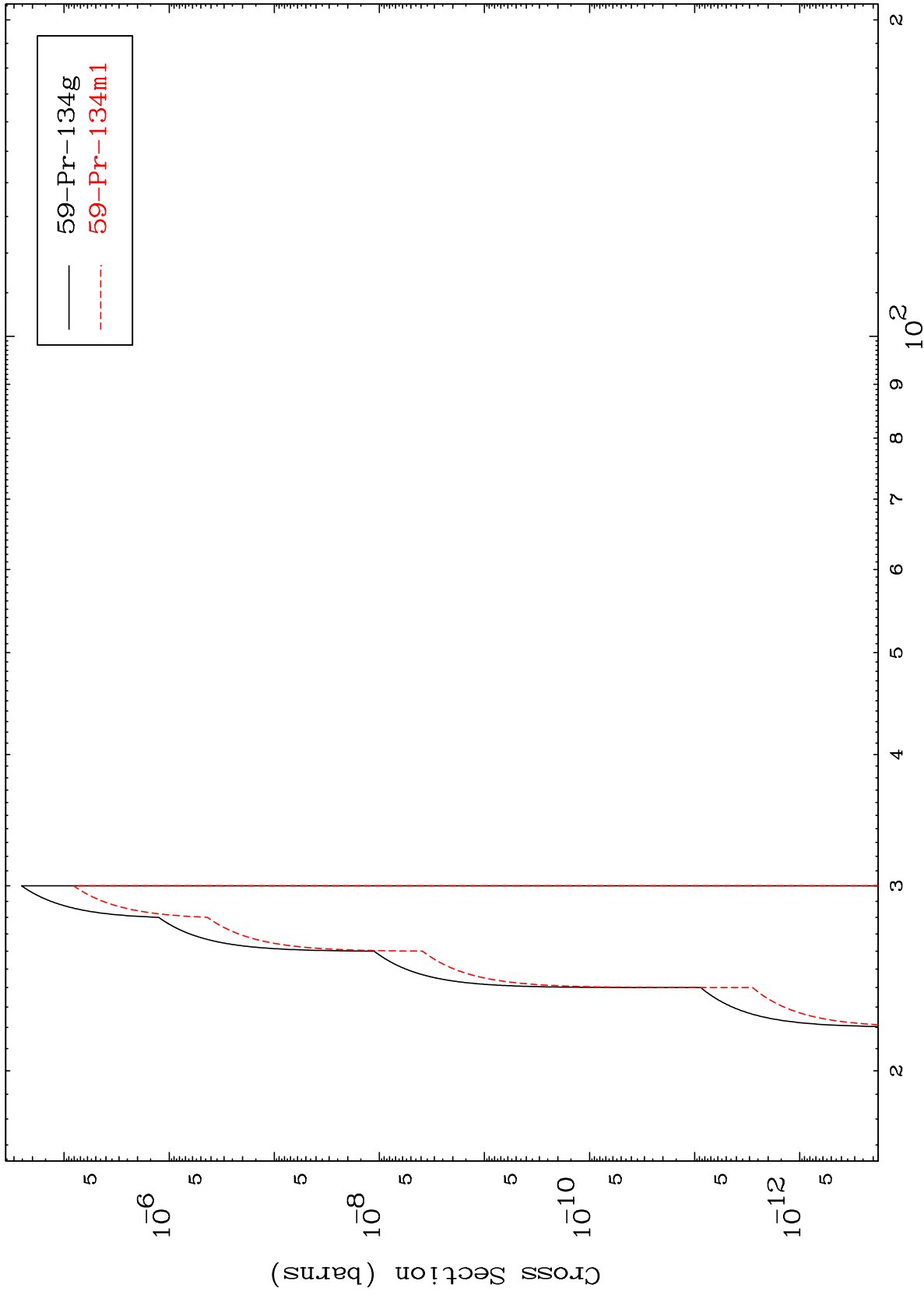
60-Nd-139

MAT 6017

(d,3n) α

60-Nd-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

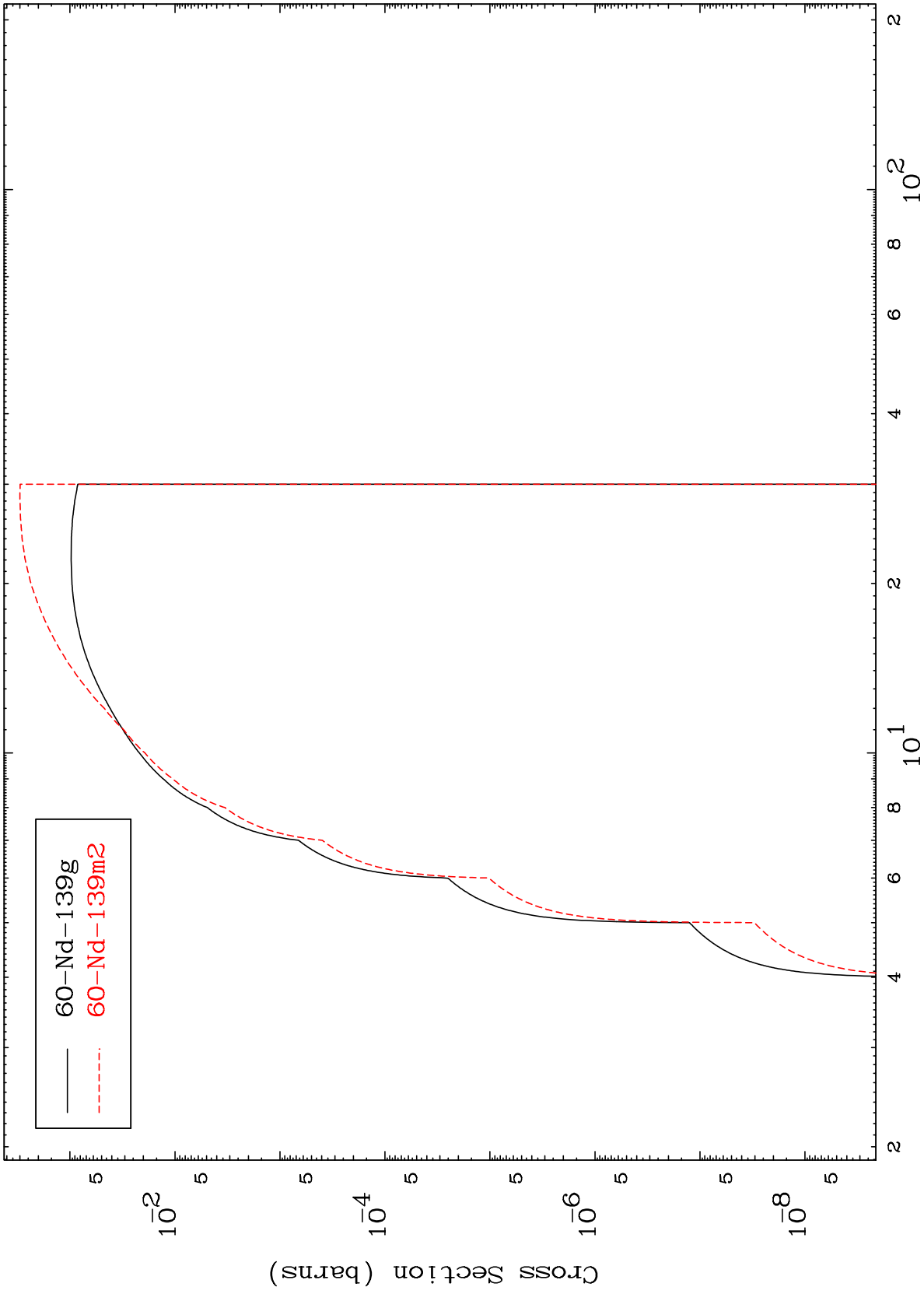
60-Nd-139

MAT 6017

(d,n') p

60-Nd-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

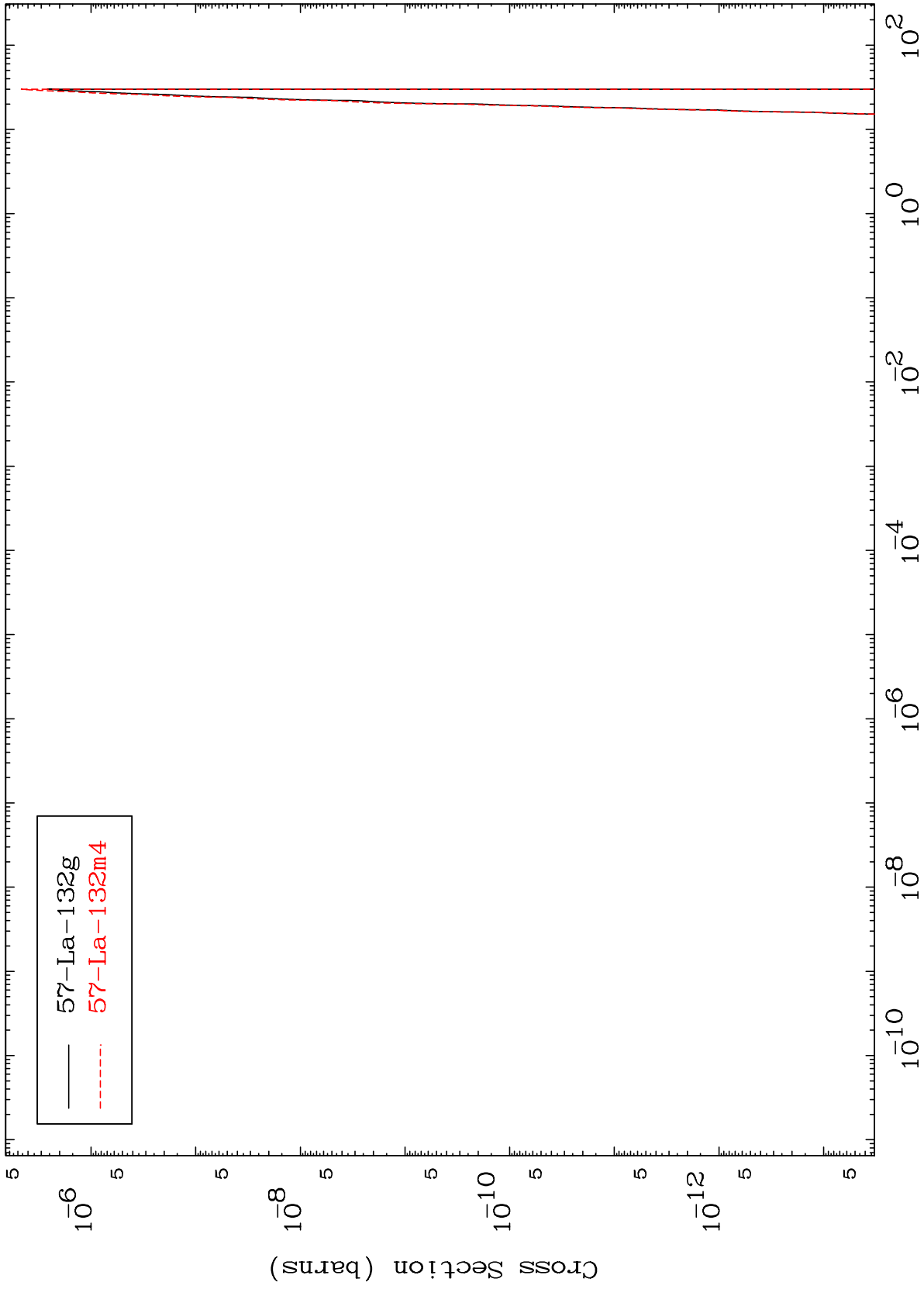
60-Nd-139

MAT 6017

(d,n') 2 α

60-Nd-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

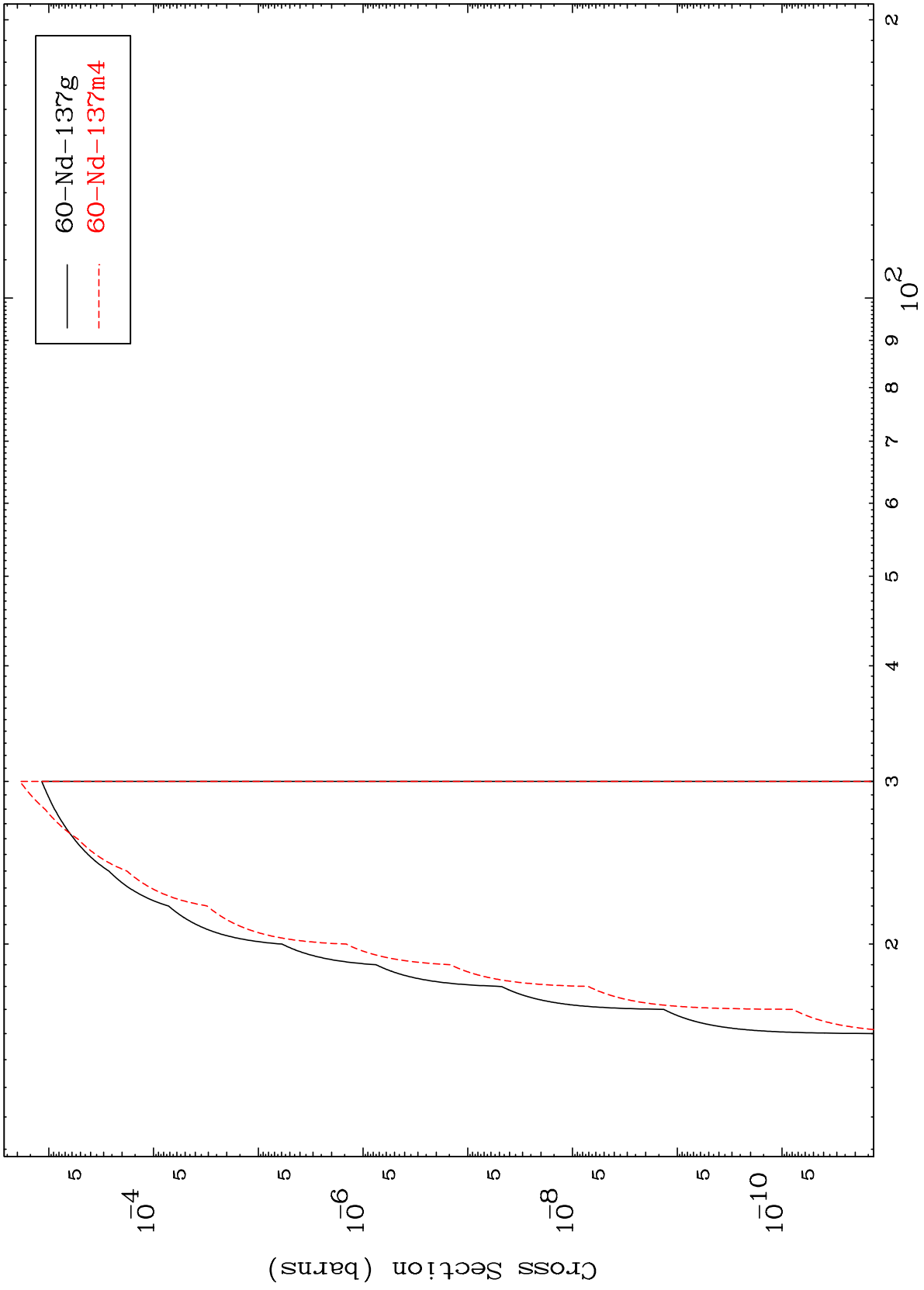
60-Nd-139

MAT 6017

(d,n') t

⁶⁰Nd-¹³⁹

Radionuclide Production Cross Section



19

Incident Energy (MeV)

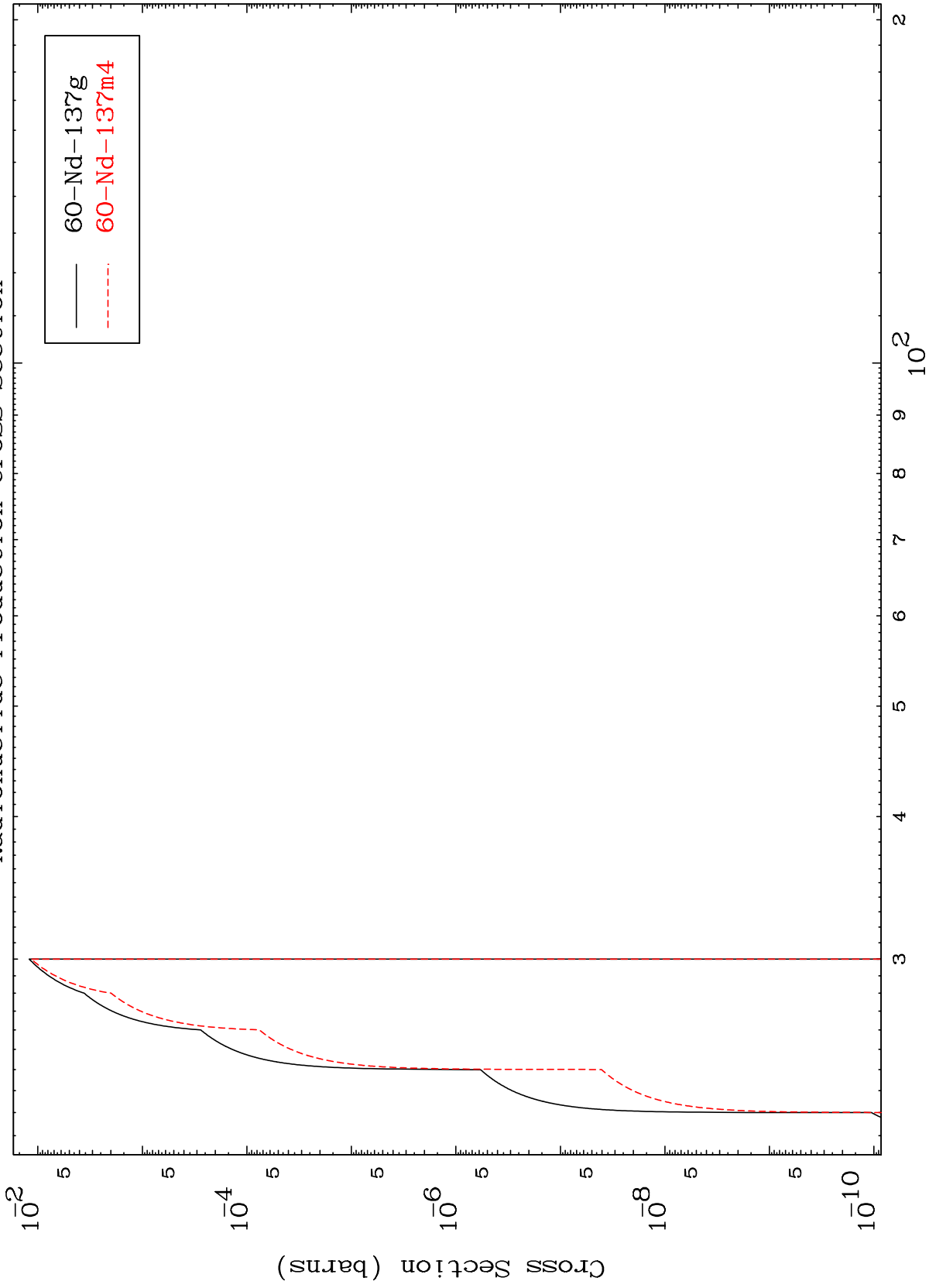
⁶⁰Nd-¹³⁹

MAT 6017

(d,3n) p

⁶⁰Nd-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

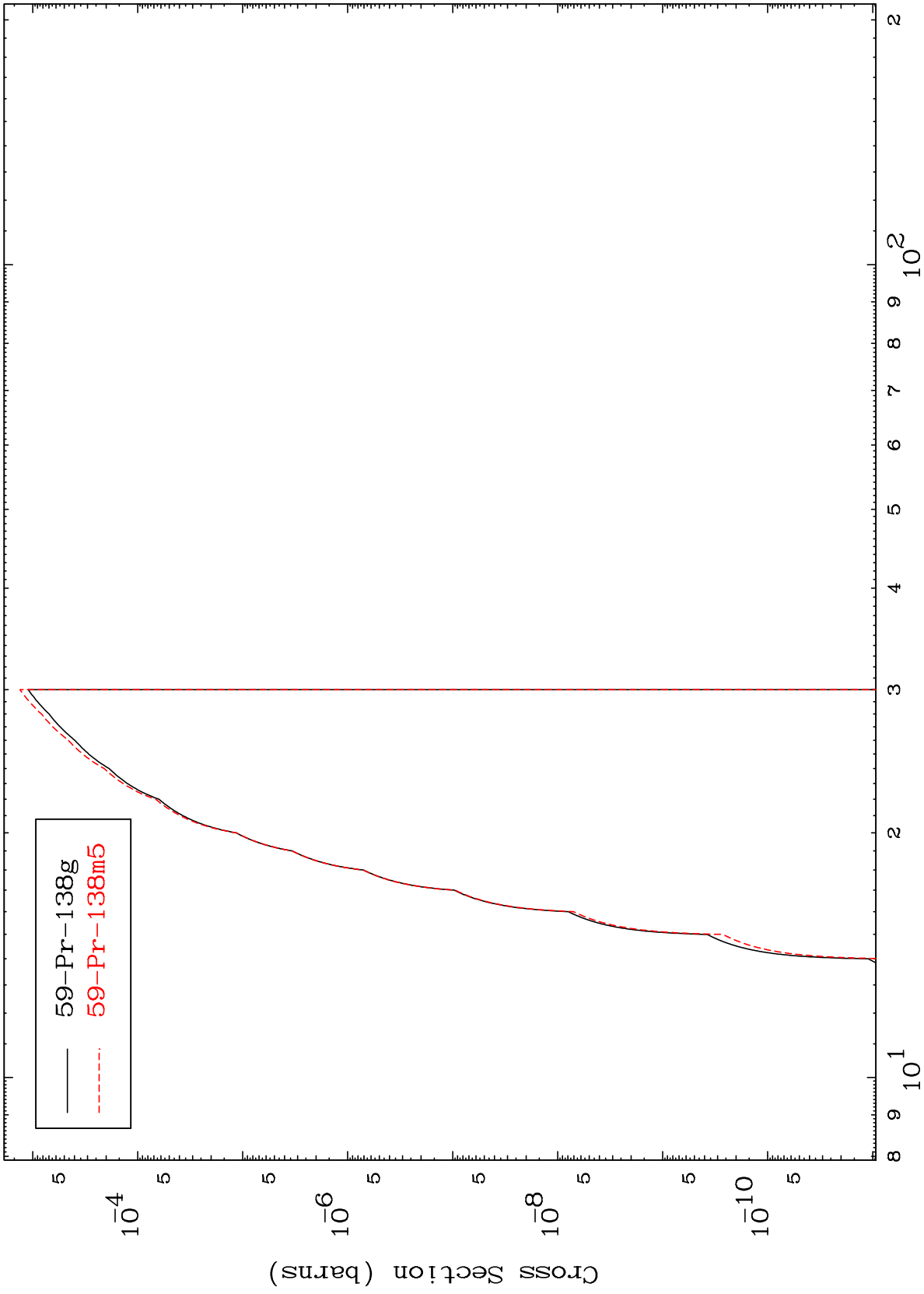
⁶⁰Nd-139

MAT 6017

(d,2n) p

60-Nd-139

Radionuclide Production Cross Section



21

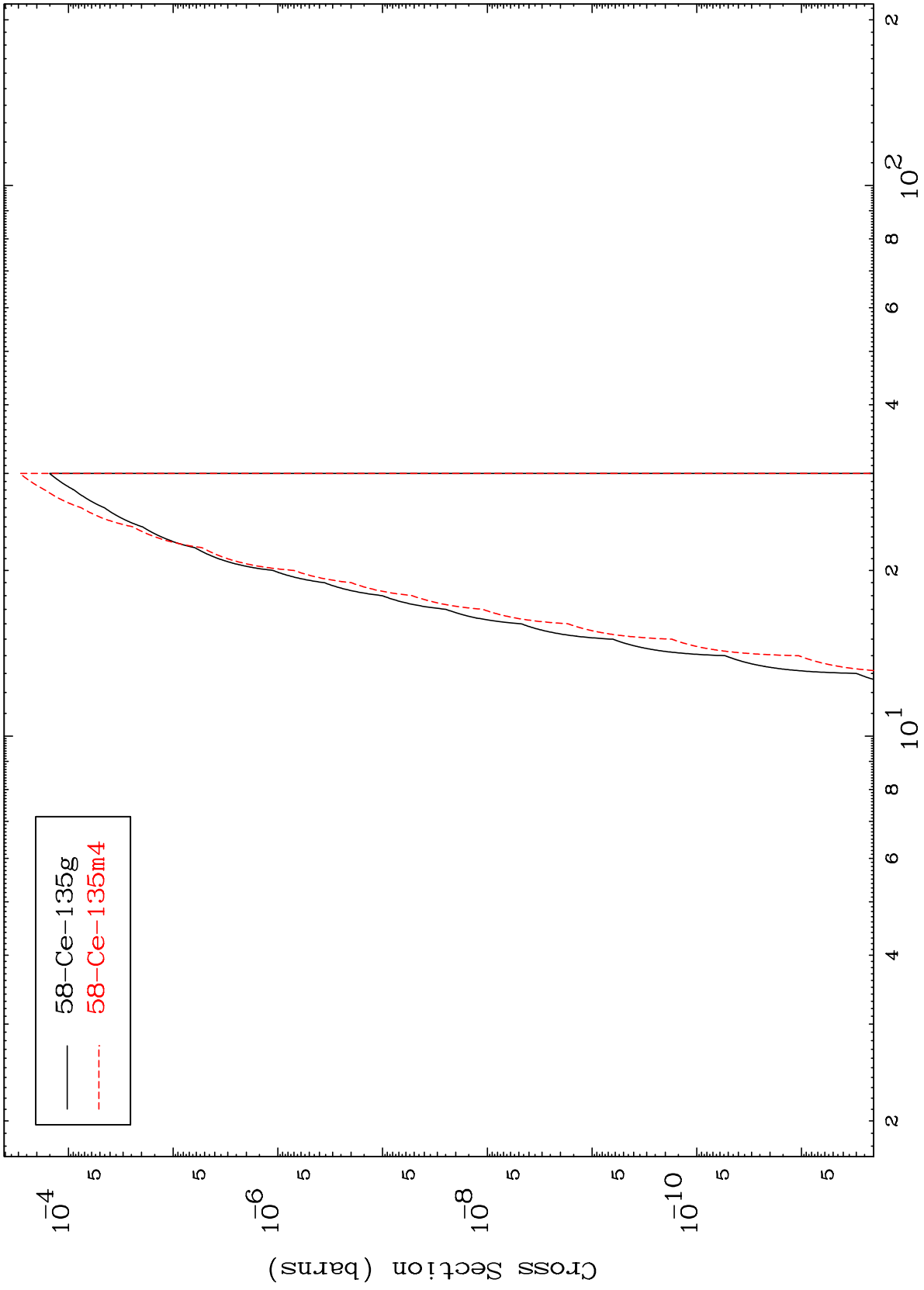
Incident Energy (MeV)

60-Nd-139

MAT 6017

(d,n') p α
Radionuclide Production Cross Section

60-Nd-139



22

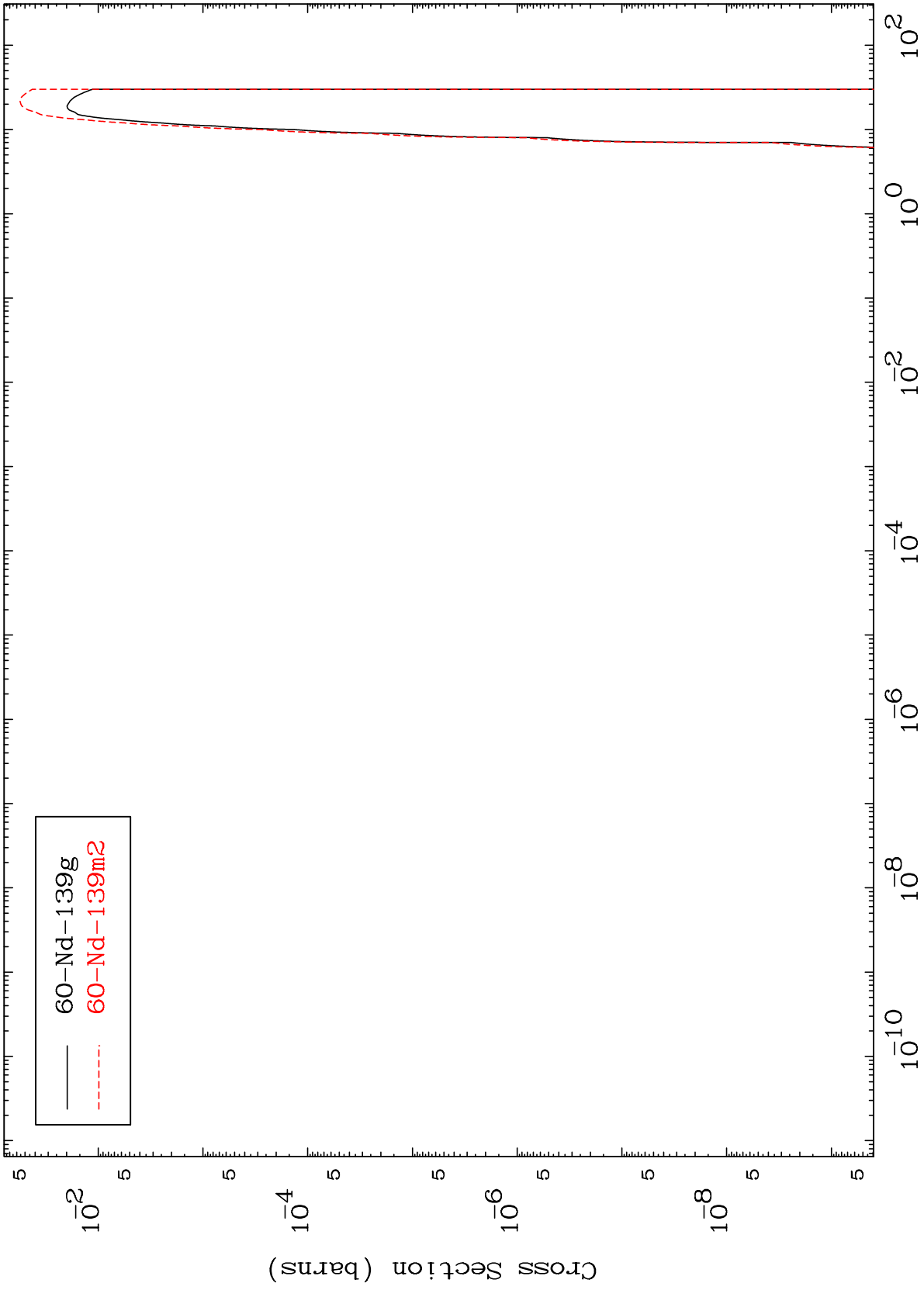
60-Nd-139

MAT 6017

(d,d)

60-Nd-139

Radionuclide Production Cross Section

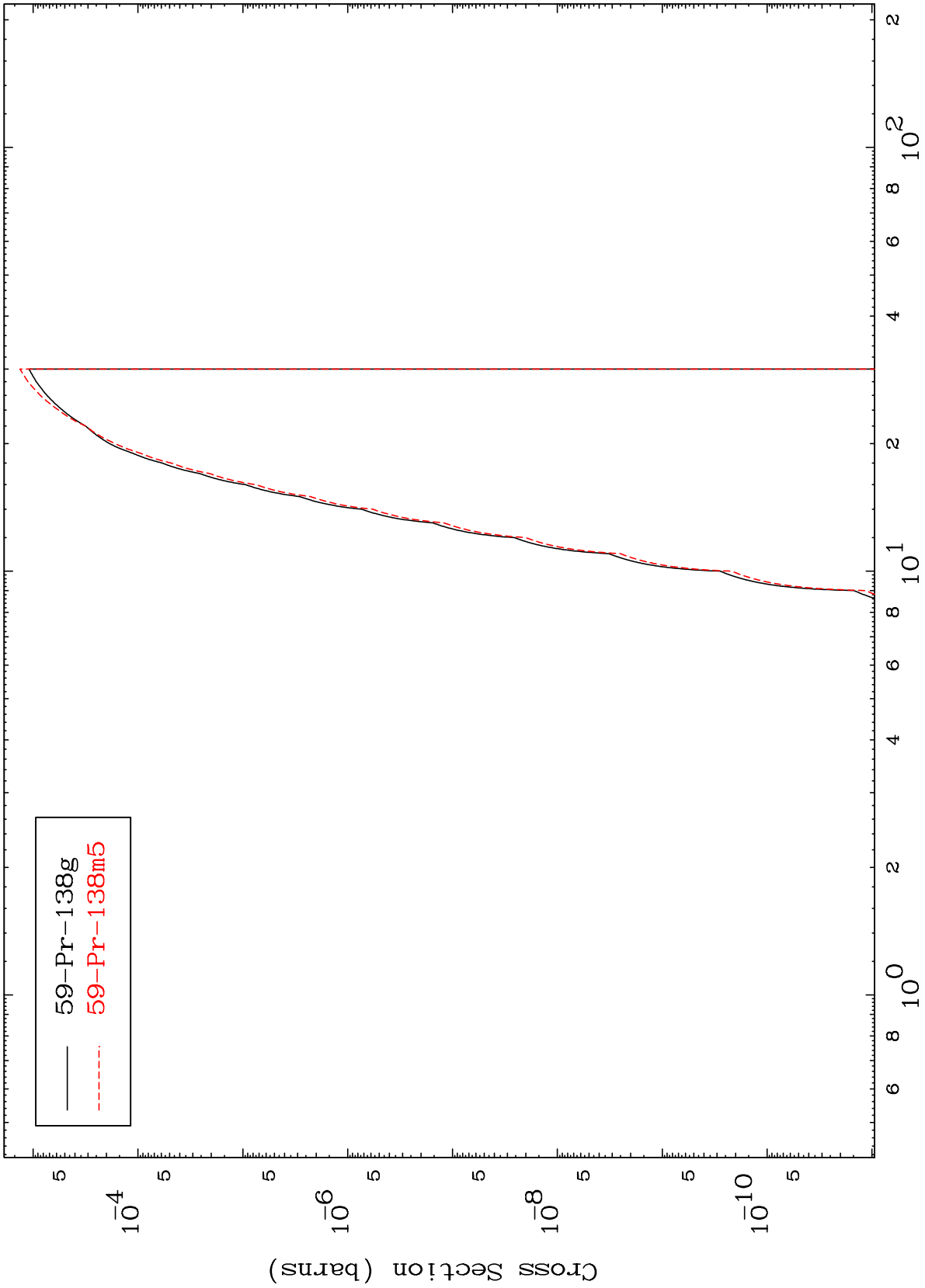


MAT 6017

(d, He-3)

60-Nd-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

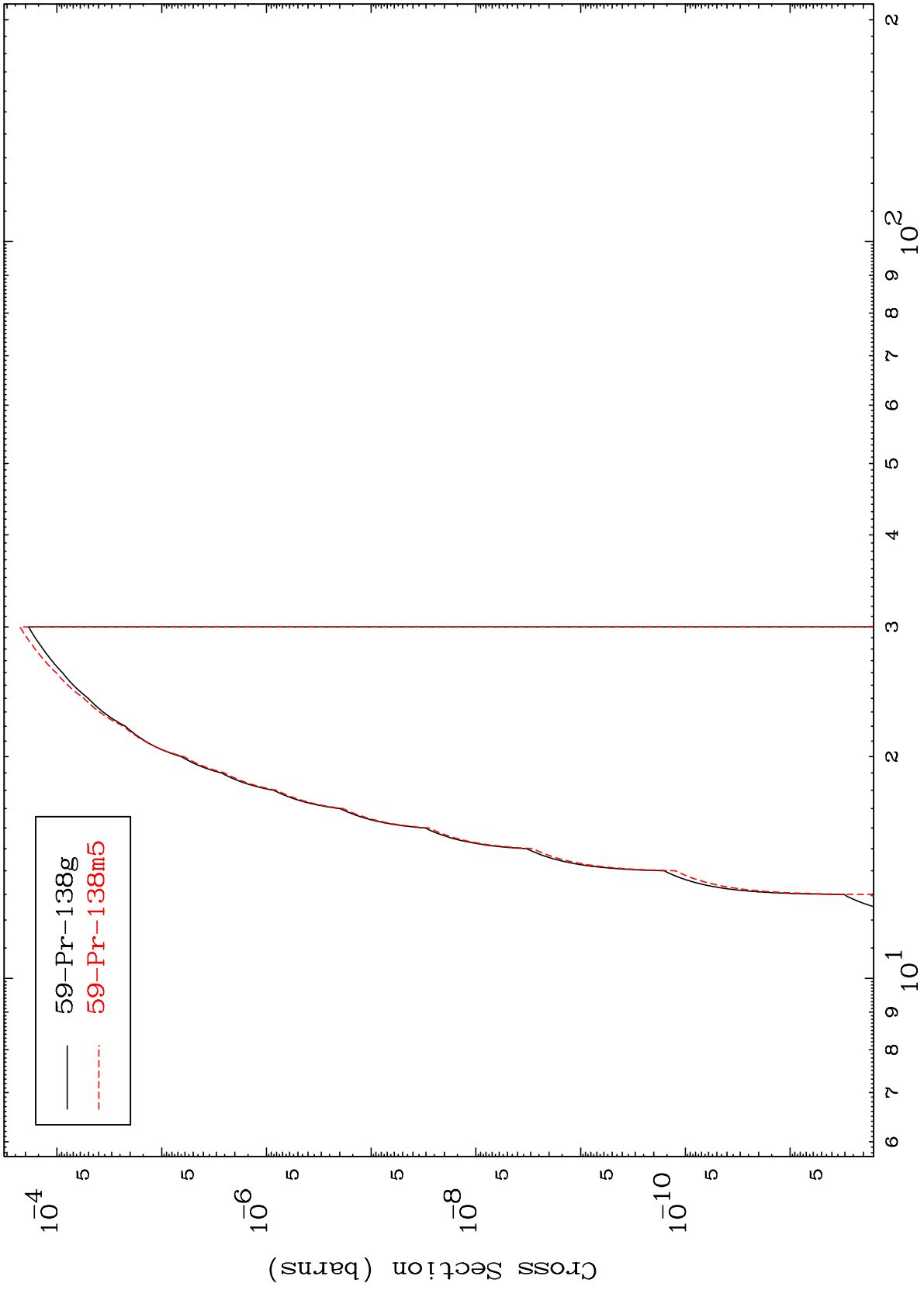
60-Nd-139

MAT 6017

(d,p) d

60-Nd-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

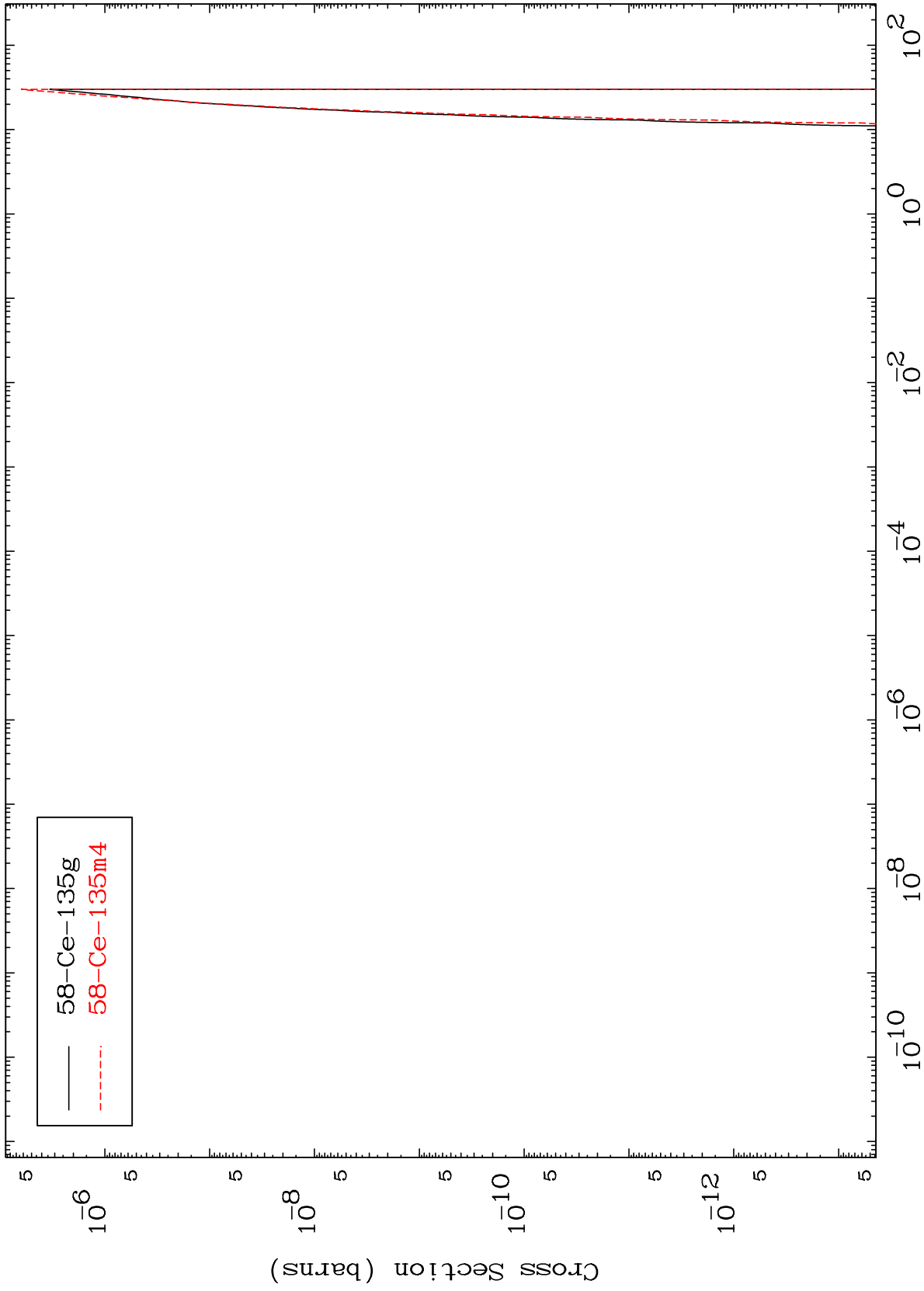
60-Nd-139

MAT 6017

(d,d) α

$^{60}\text{Nd}-139$

Radionuclide Production Cross Section



26

Incident Energy (MeV)

$^{60}\text{Nd}-139$