

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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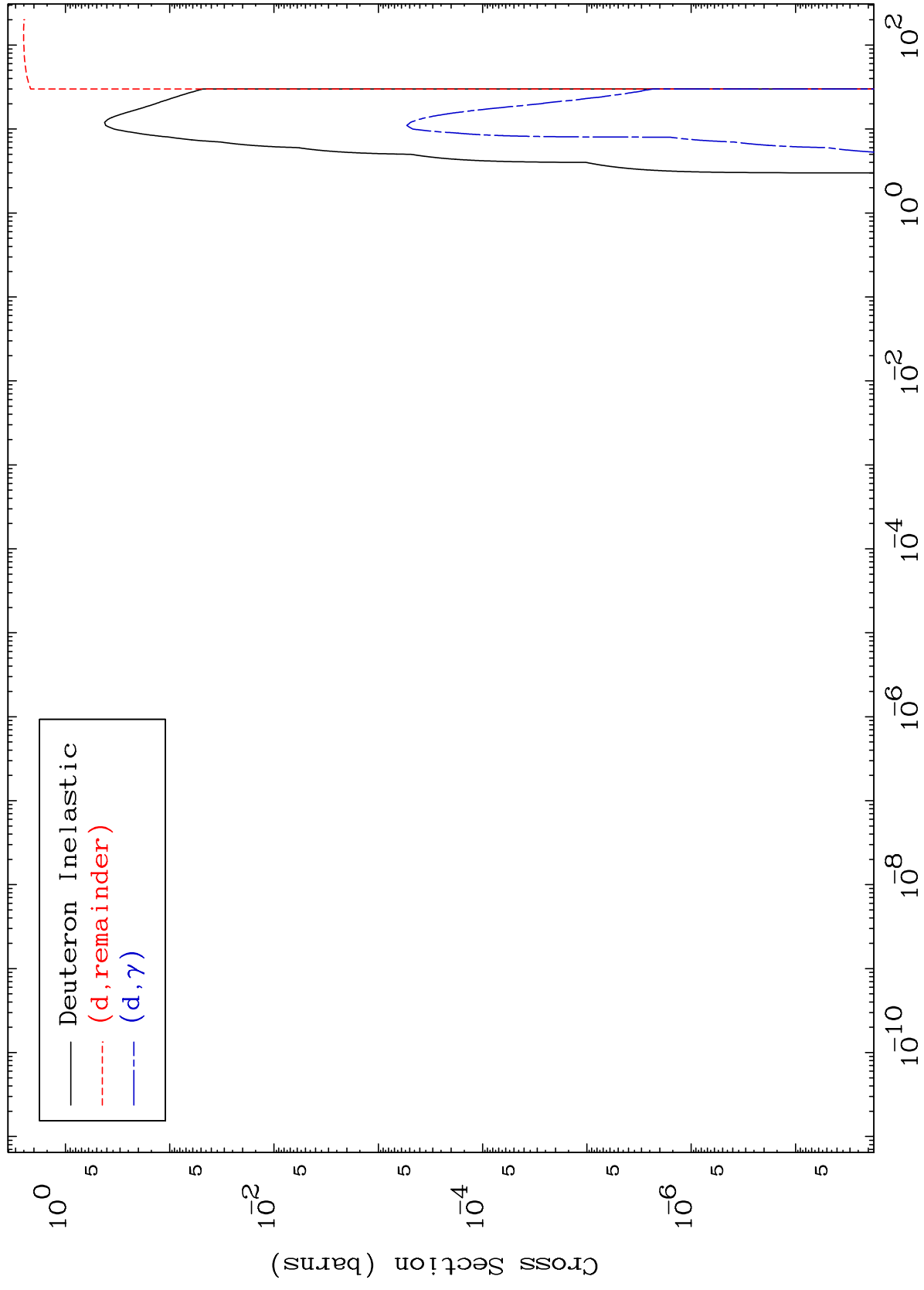
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6217

Deuteron Major
0 Kelvin Cross Sections

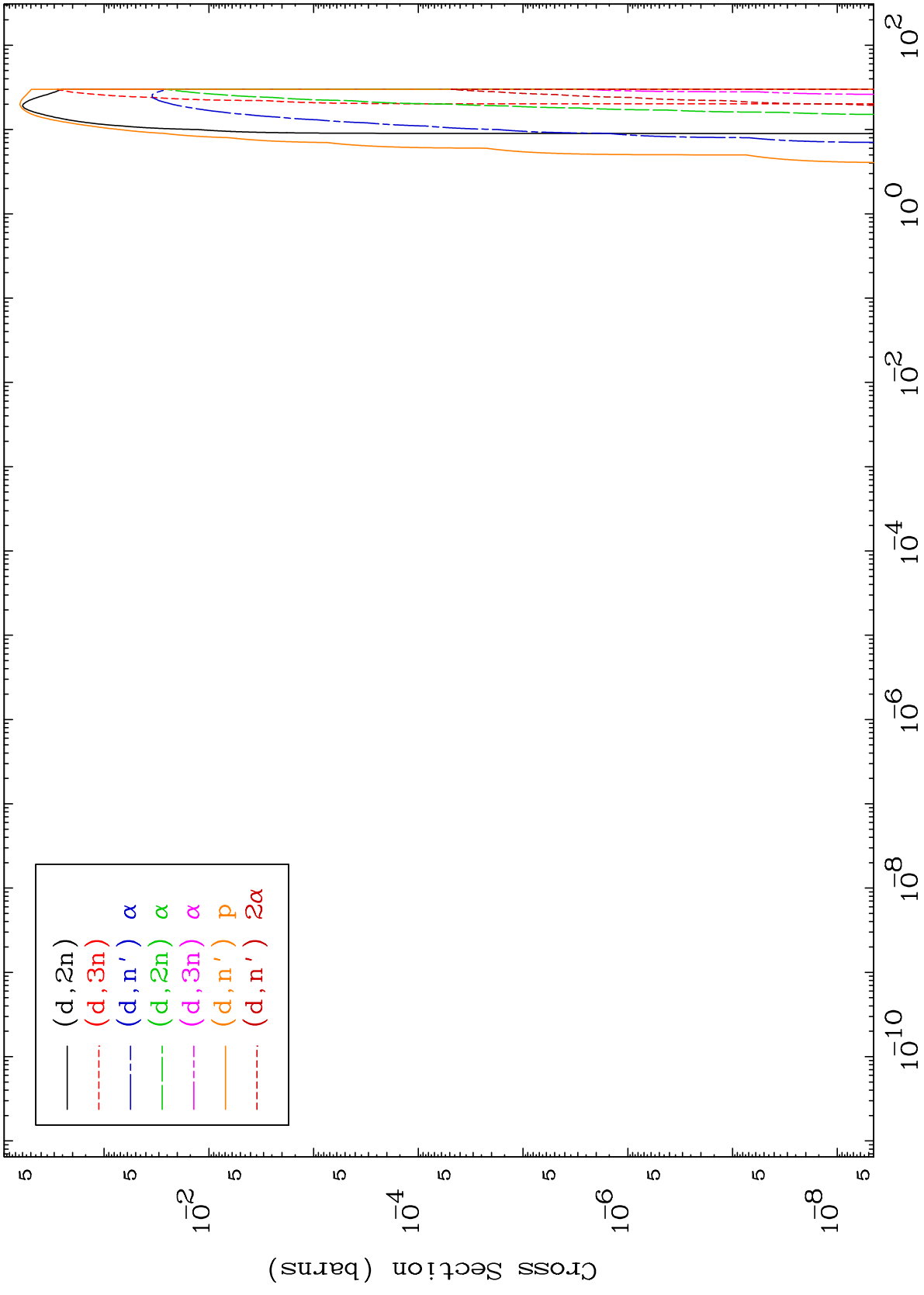
62-Sm-141



MAT 6217

Deuteron Neutron Production
0 Kelvin Cross Sections

62-Sm-141

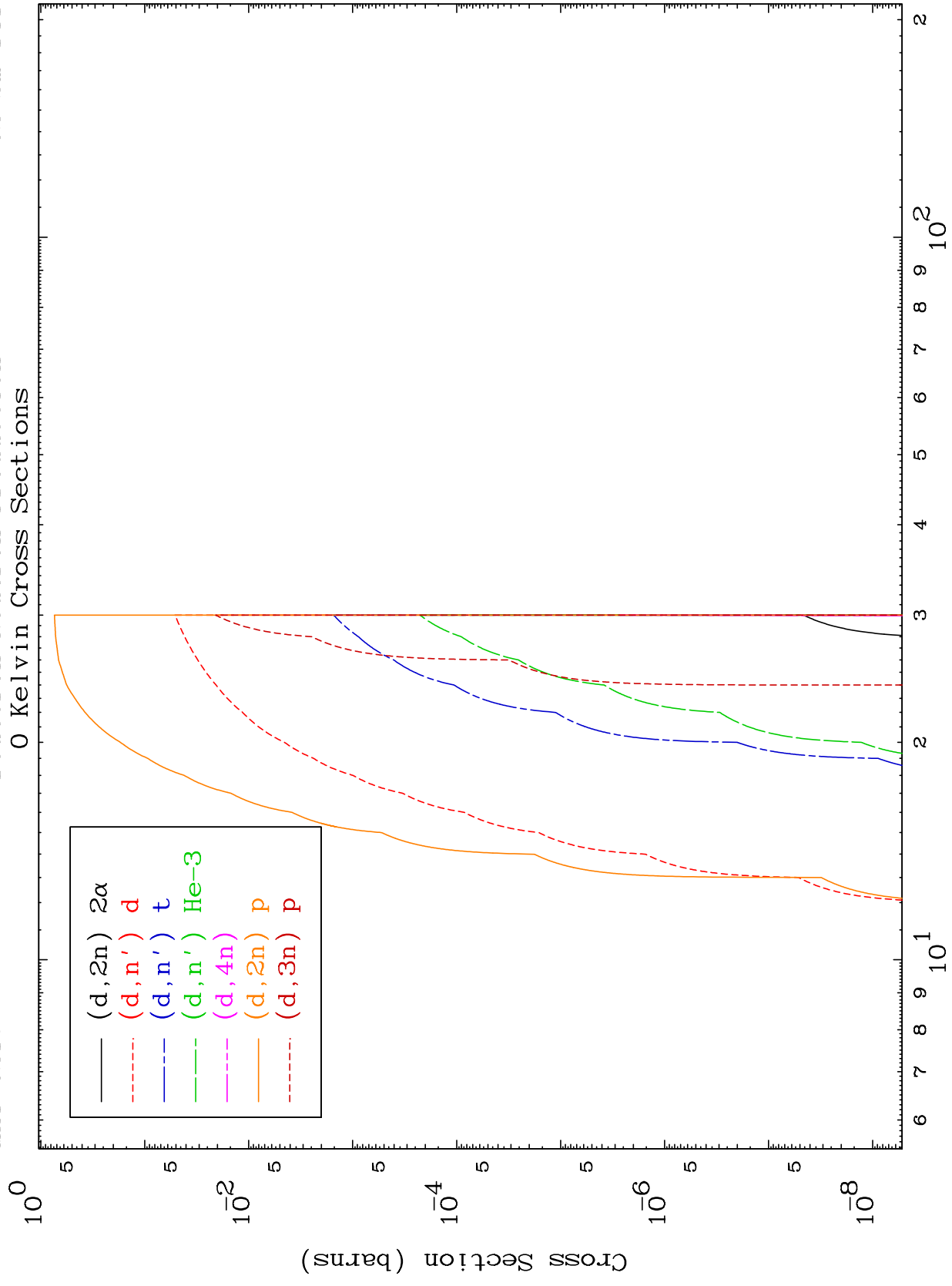


62-Sm-141

MAT 6217

Deuteron Neutron Production
0 Kelvin Cross Sections

62-Sm-141



3

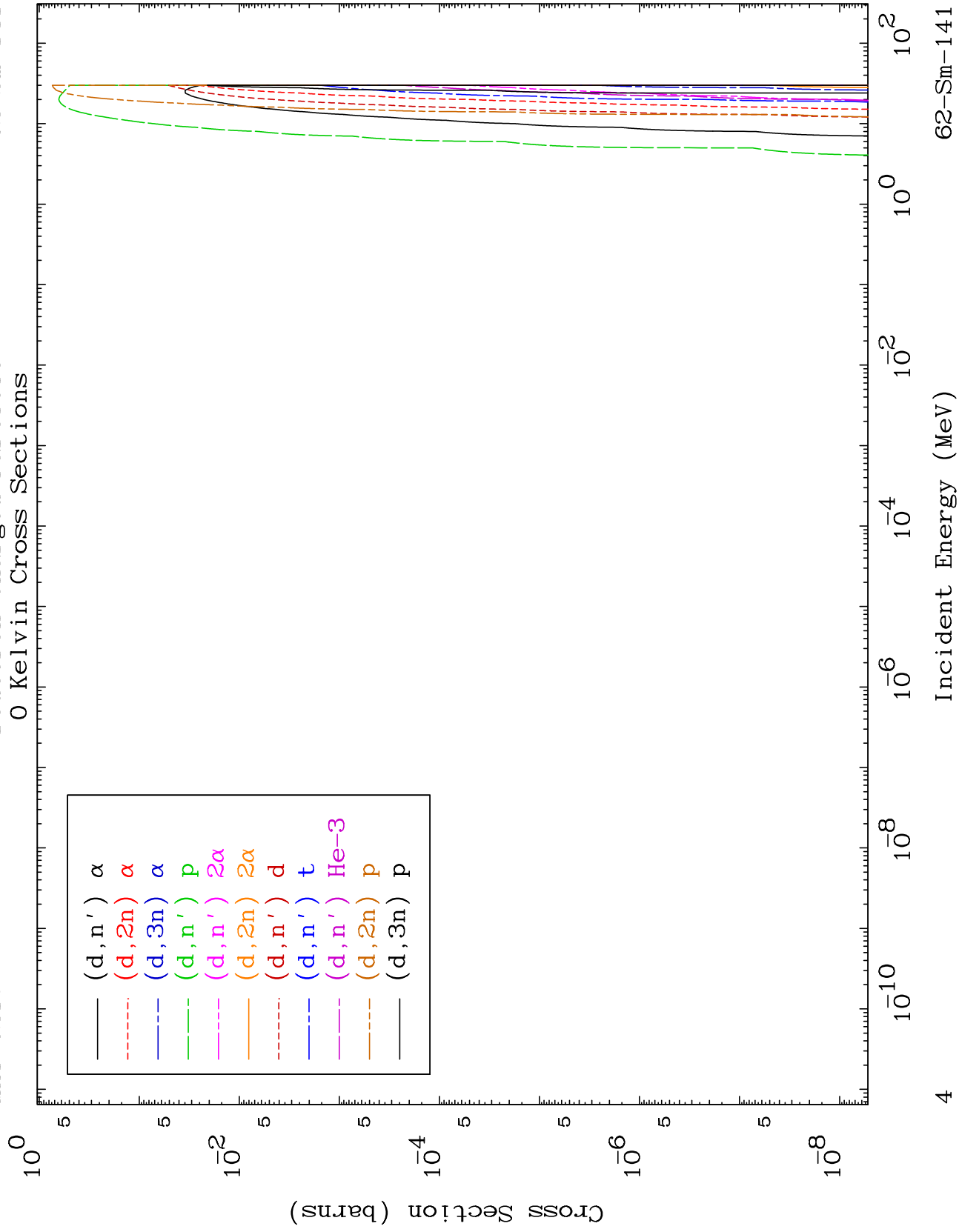
Incident Energy (MeV)

62-Sm-141

MAT 6217

Deuteron Charged Particle
0 Kelvin Cross Sections

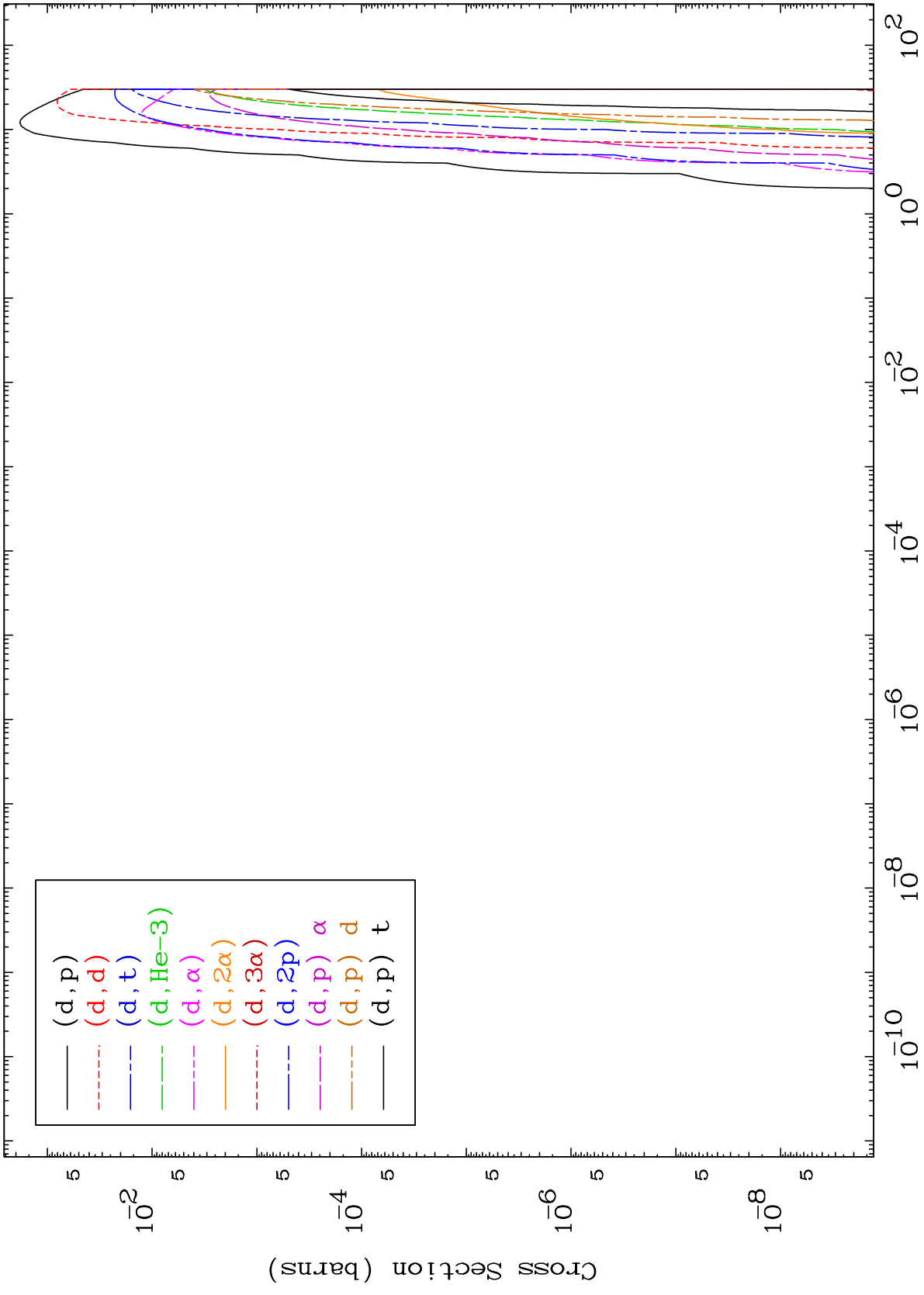
62-Sm-141



MAT 6217

Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-141

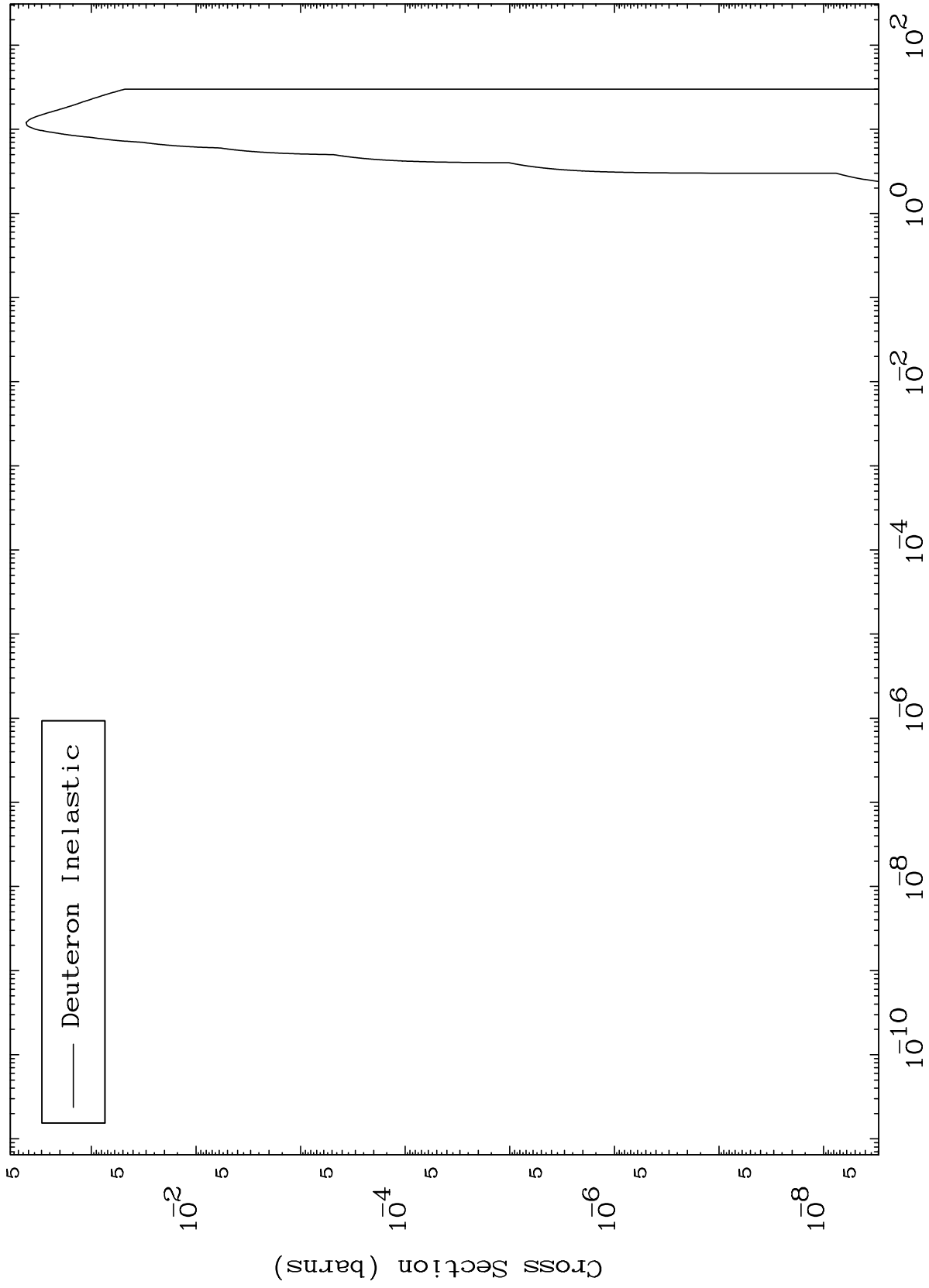


62-Sm-141

MAT 6217

(d,n') Level
0 Kelvin Cross Sections

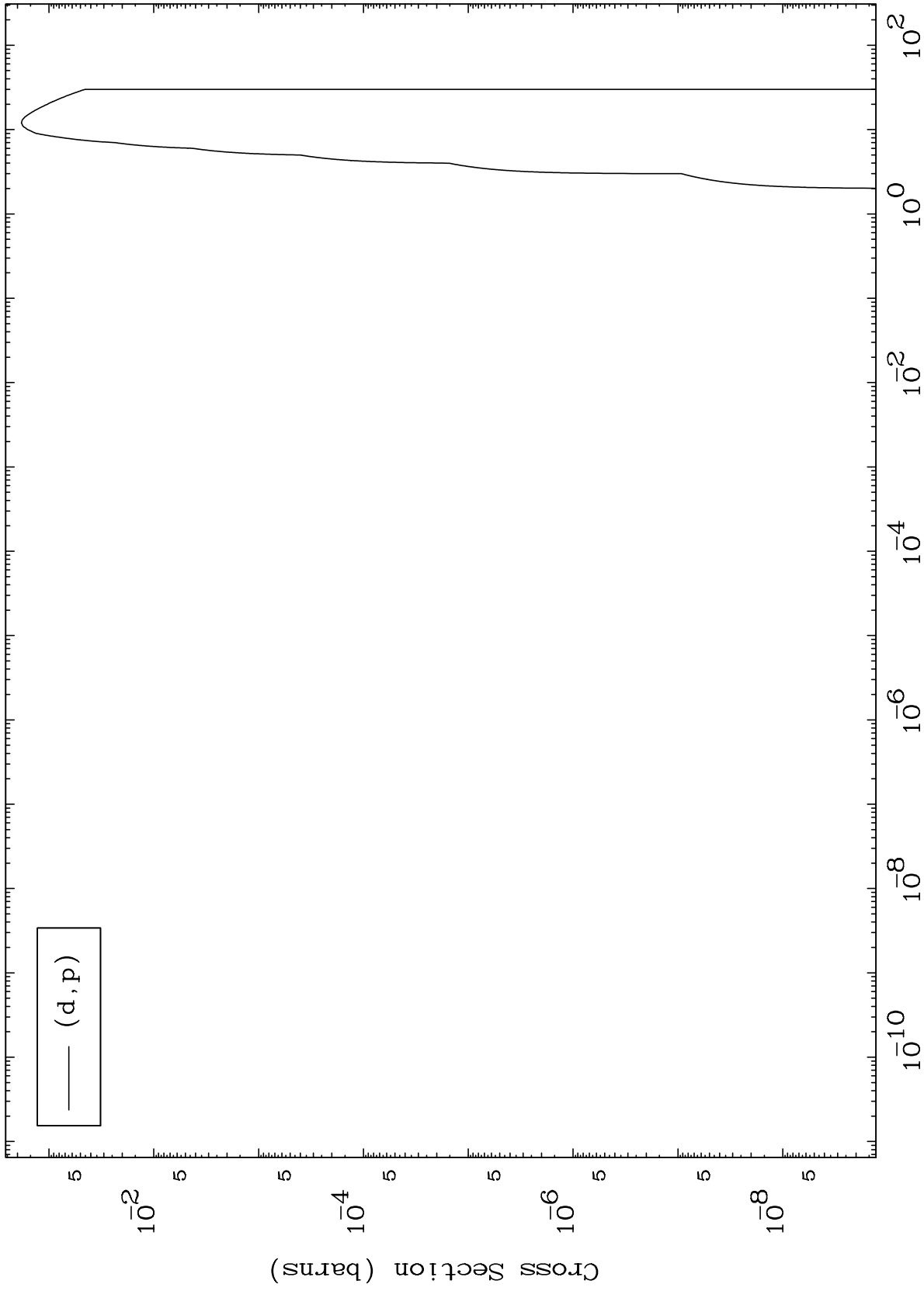
62-Sm-141



MAT 6217

(d,p) Levels
0 Kelvin Cross Sections

62-Sm-141



7

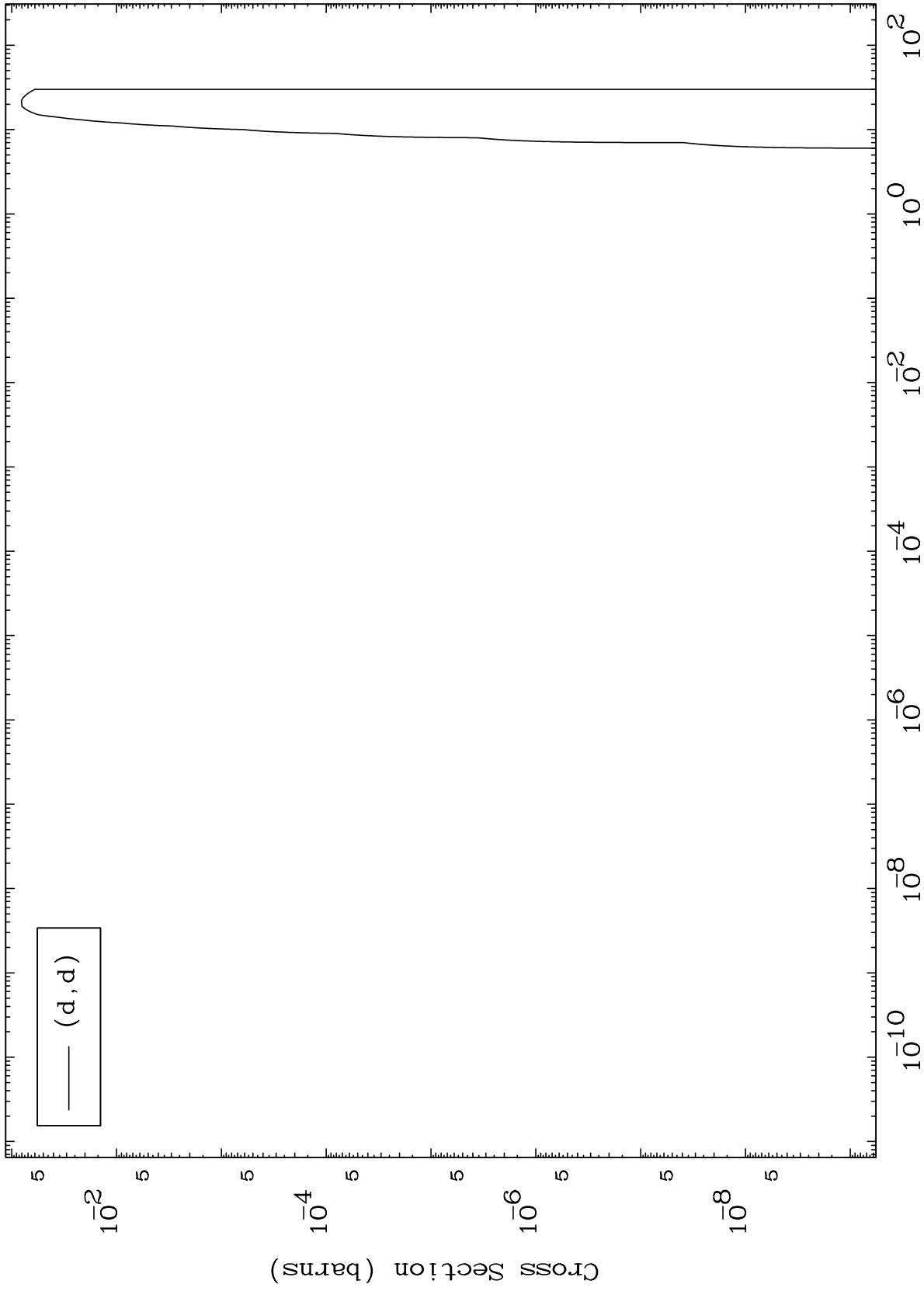
Incident Energy (MeV)

62-Sm-141

MAT 6217

(d,d) Levels
0 Kelvin Cross Sections

62-Sm-141



8

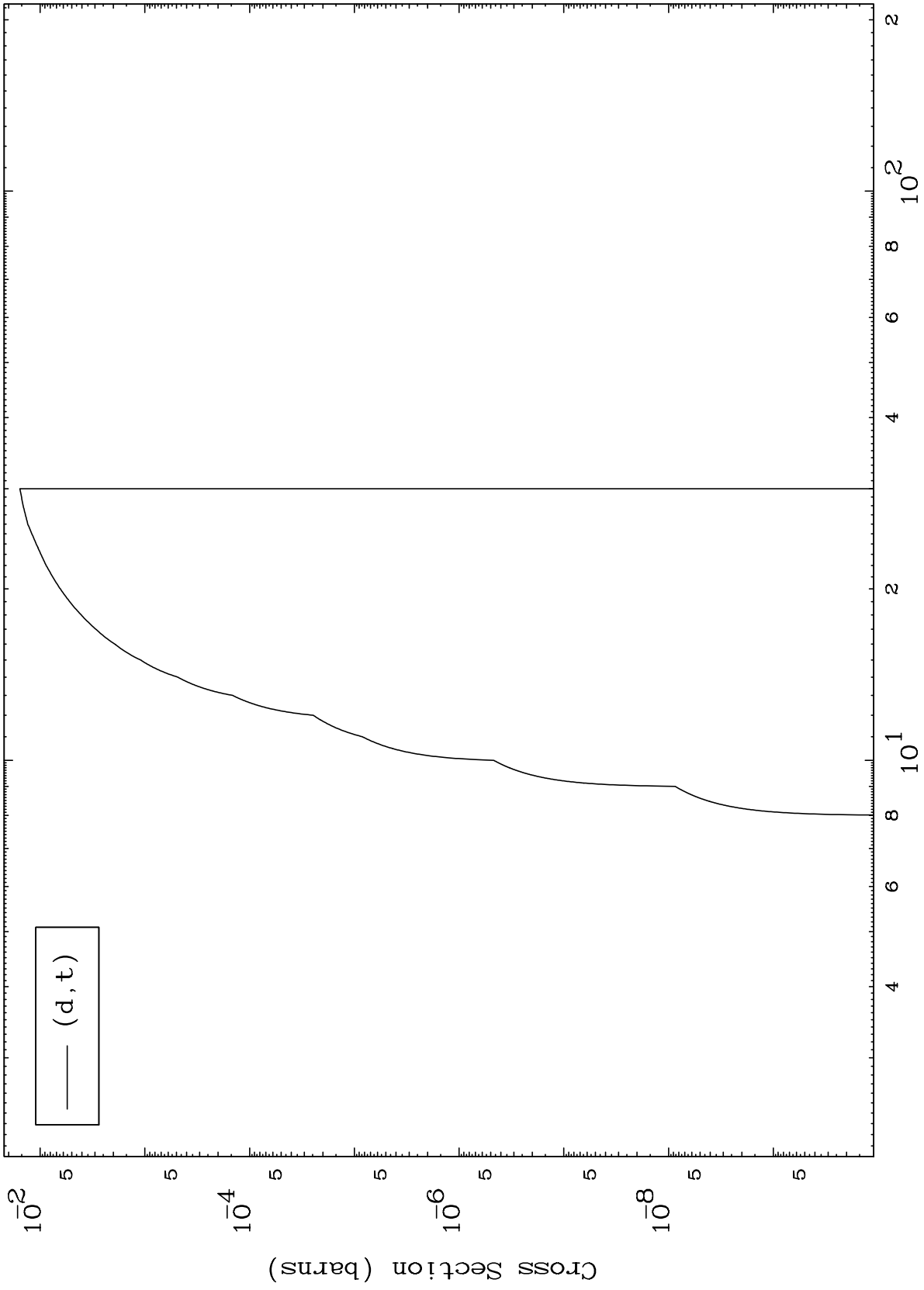
Incident Energy (MeV)

62-Sm-141

MAT 6217

(d,t) Levels
0 Kelvin Cross Sections

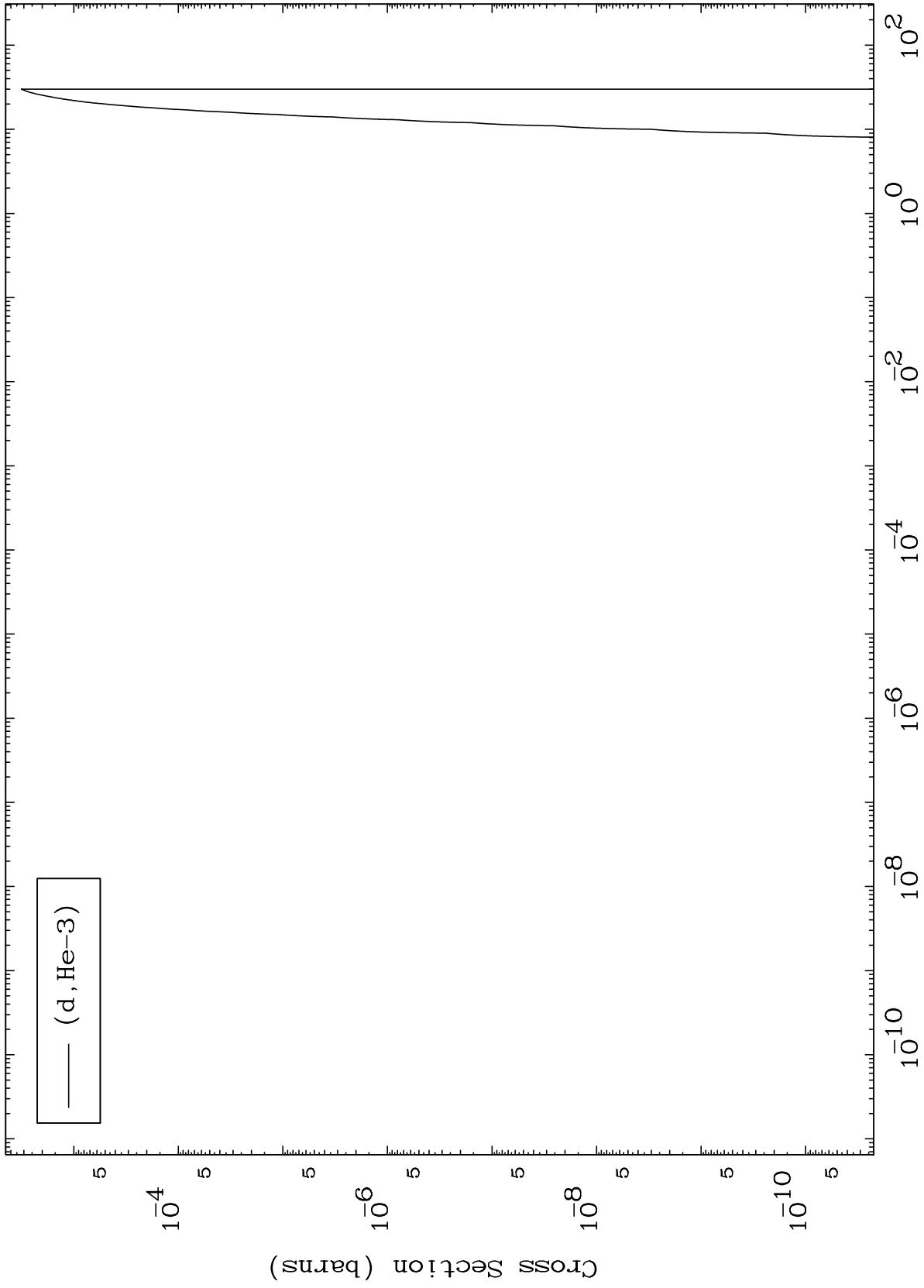
62-Sm-141



MAT 6217

(d,He3) Levels
0 Kelvin Cross Sections

62-Sm-141



10

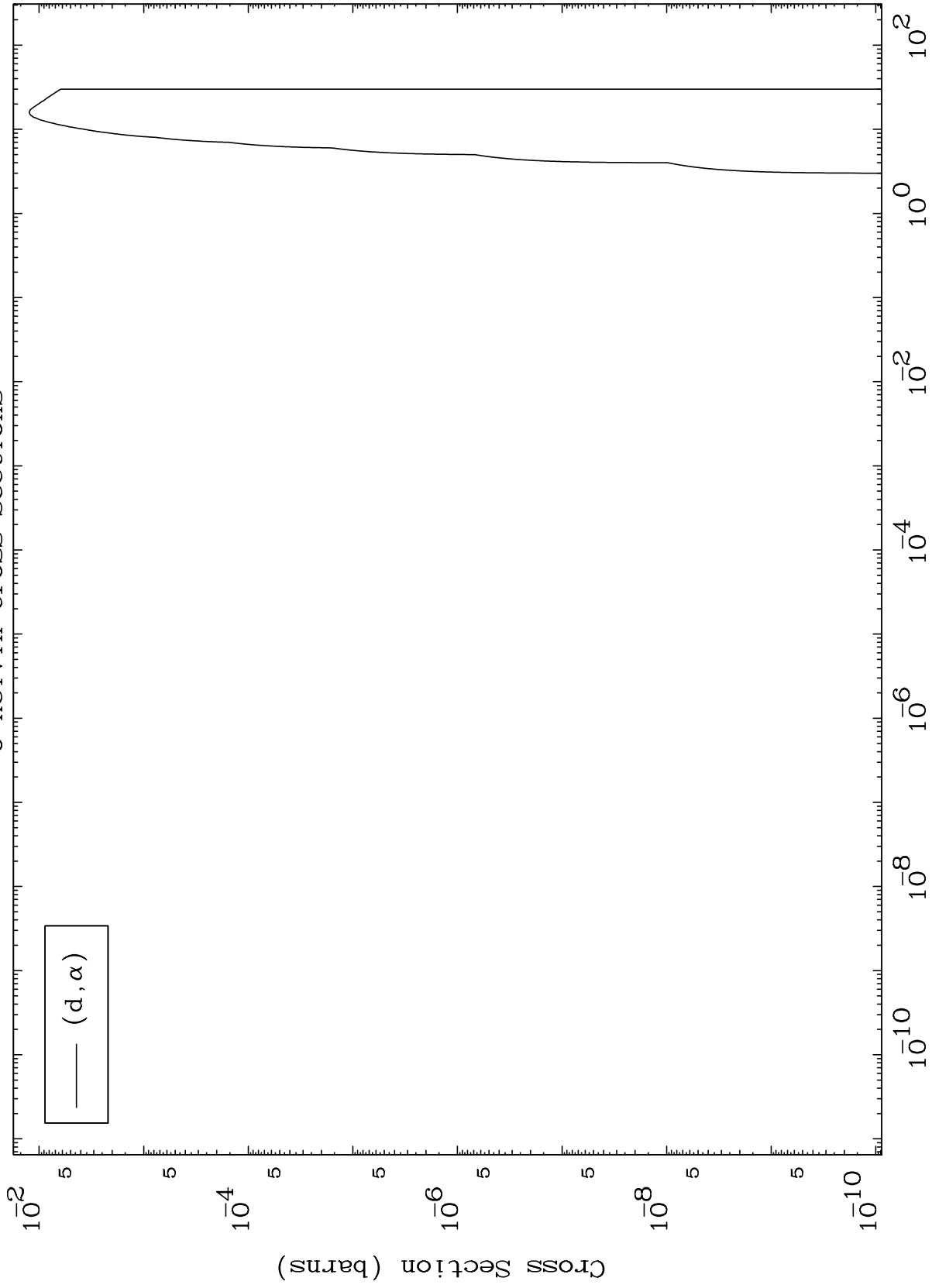
Incident Energy (MeV)

62-Sm-141

MAT 6217

(d,α) Levels
0 Kelvin Cross Sections

62-Sm-141



(d,α)

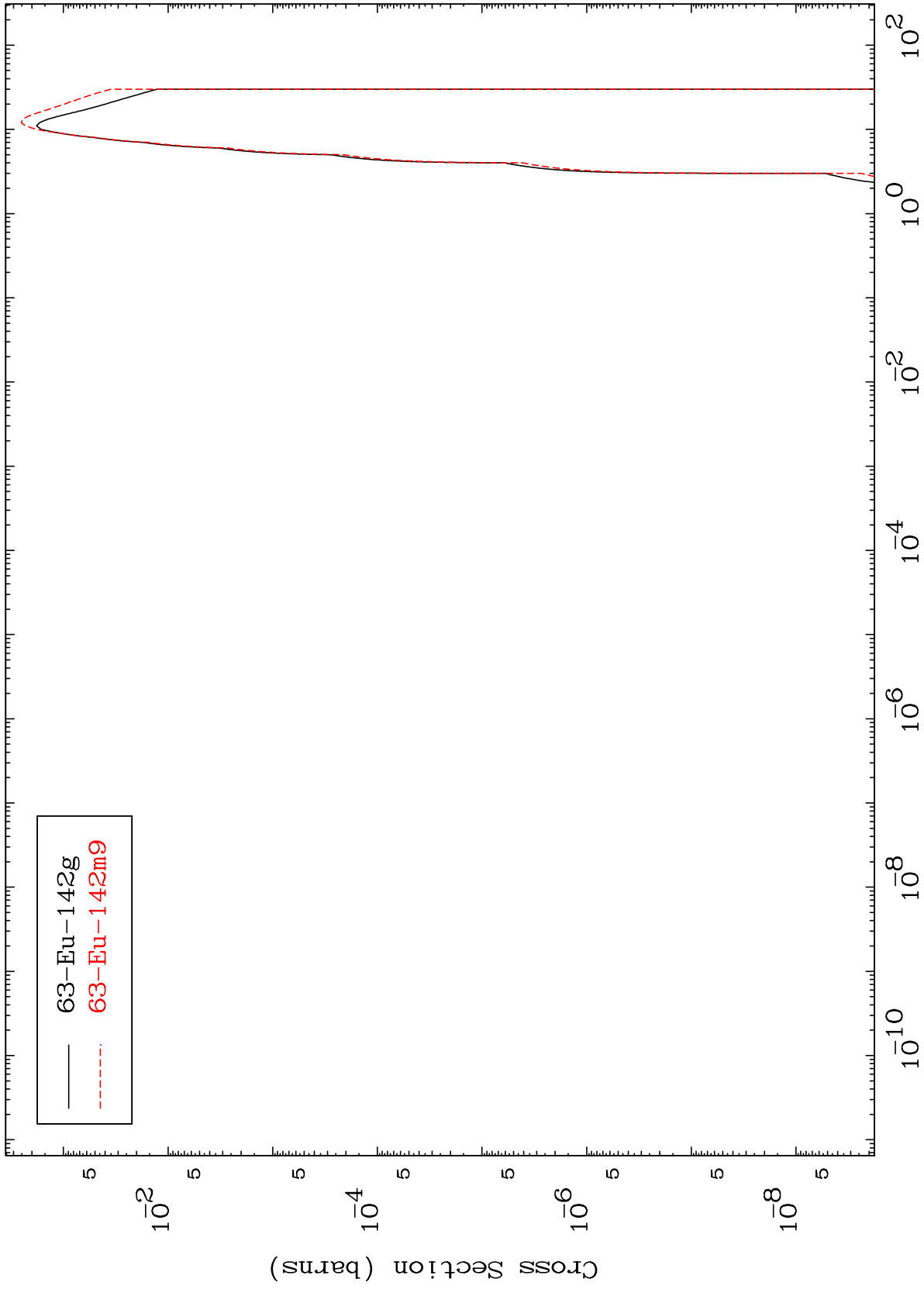
62-Sm-141

Incident Energy (MeV)

MAT 6217

Deuteron Inelastic
Radionuclide Production Cross Section

62-Sm-141



12

Incident Energy (MeV)

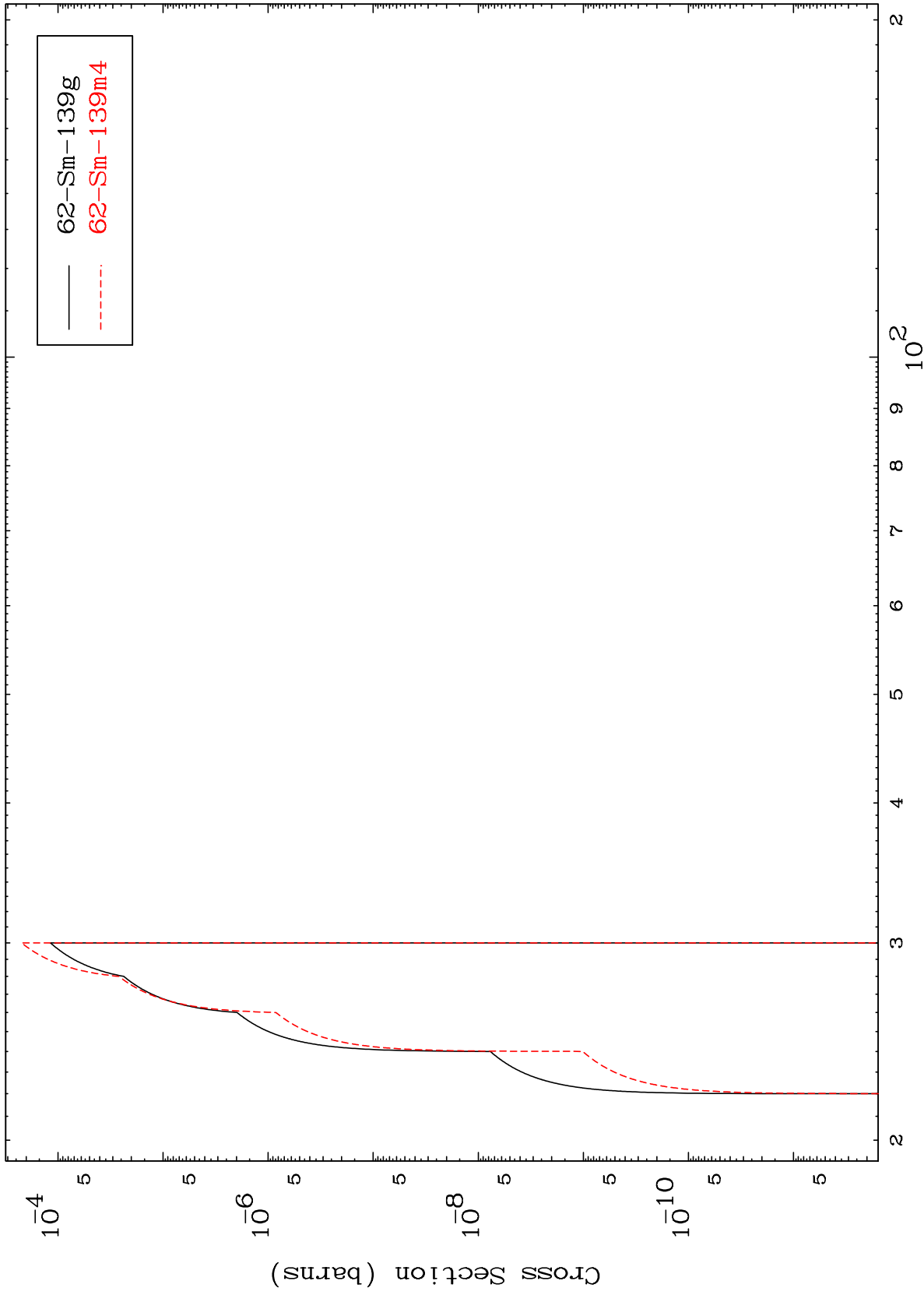
62-Sm-141

MAT 6217

(d,2n) d

62-Sm-141

Radionuclide Production Cross Section



13

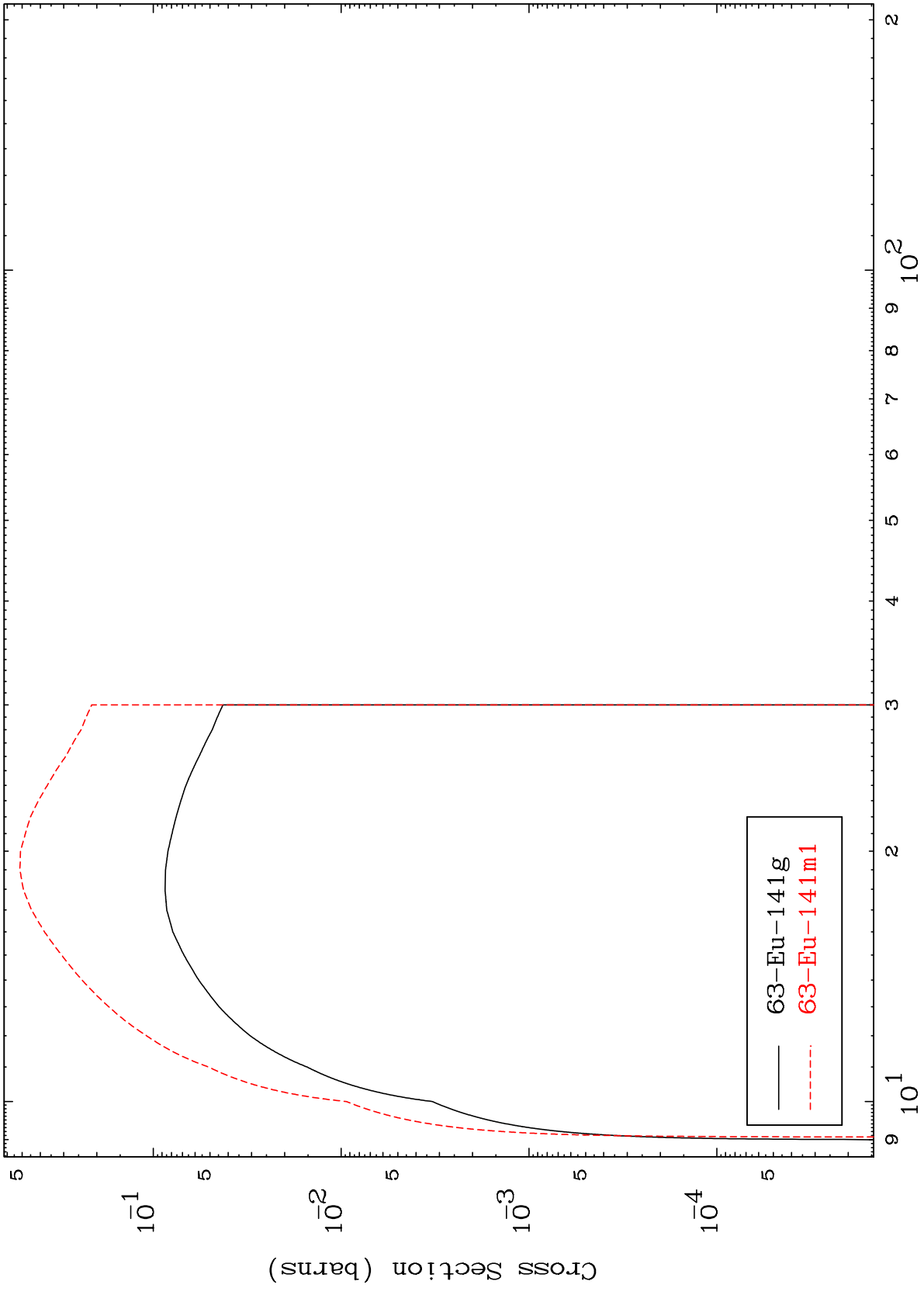
Incident Energy (MeV)

62-Sm-141

MAT 6217

$^{62}\text{Sm-141}$

Radionuclide Production Cross Section
(d,2n)



— $^{63}\text{Eu-141g}$
- - - $^{63}\text{Eu-141m1}$

14

Incident Energy (MeV)

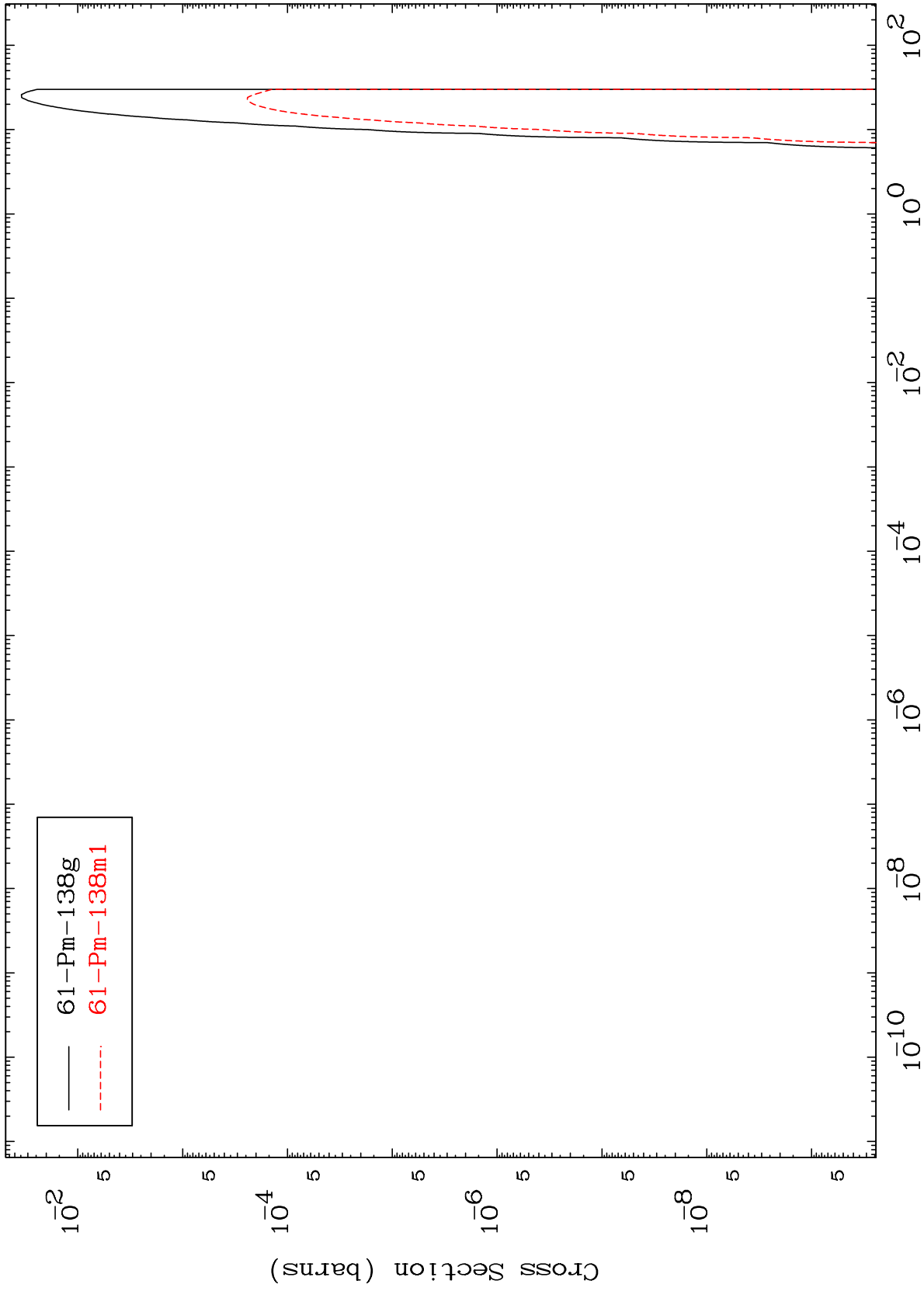
$^{62}\text{Sm-141}$

MAT 6217

(d,n') α

62-Sm-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

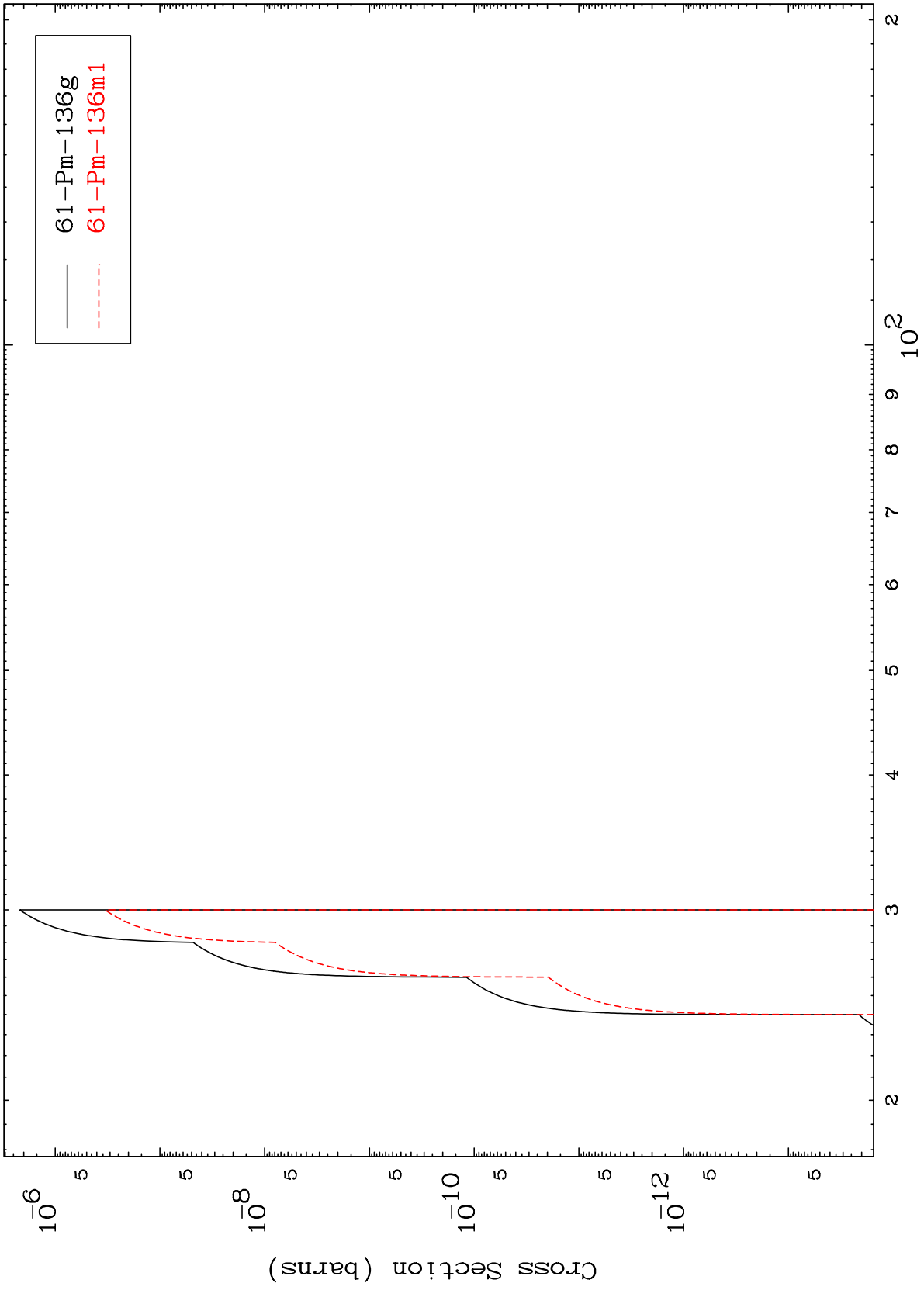
62-Sm-141

MAT 6217

(d,3n) α

62-Sm-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

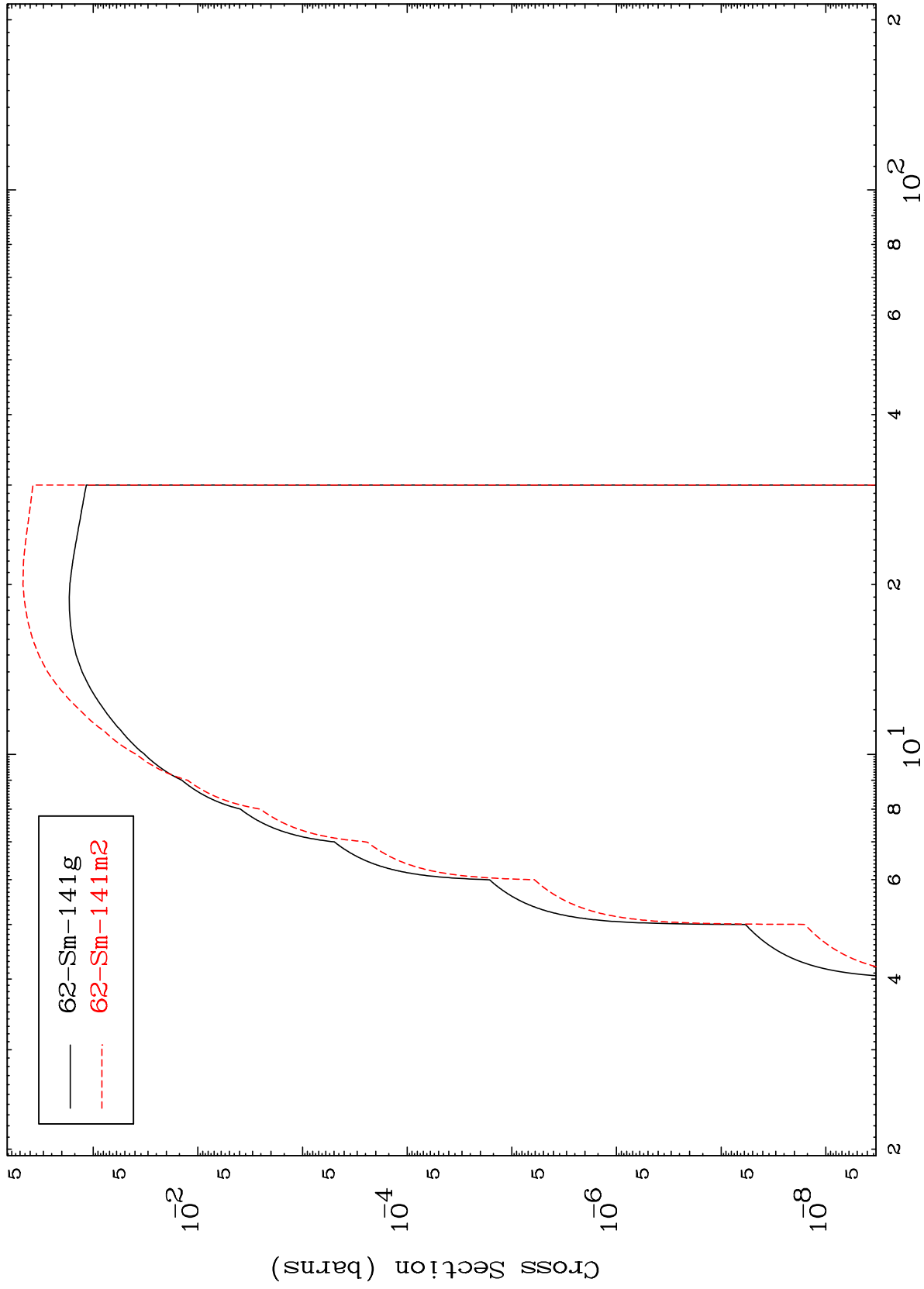
62-Sm-141

MAT 6217

(d,n') p

⁶²Sm-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

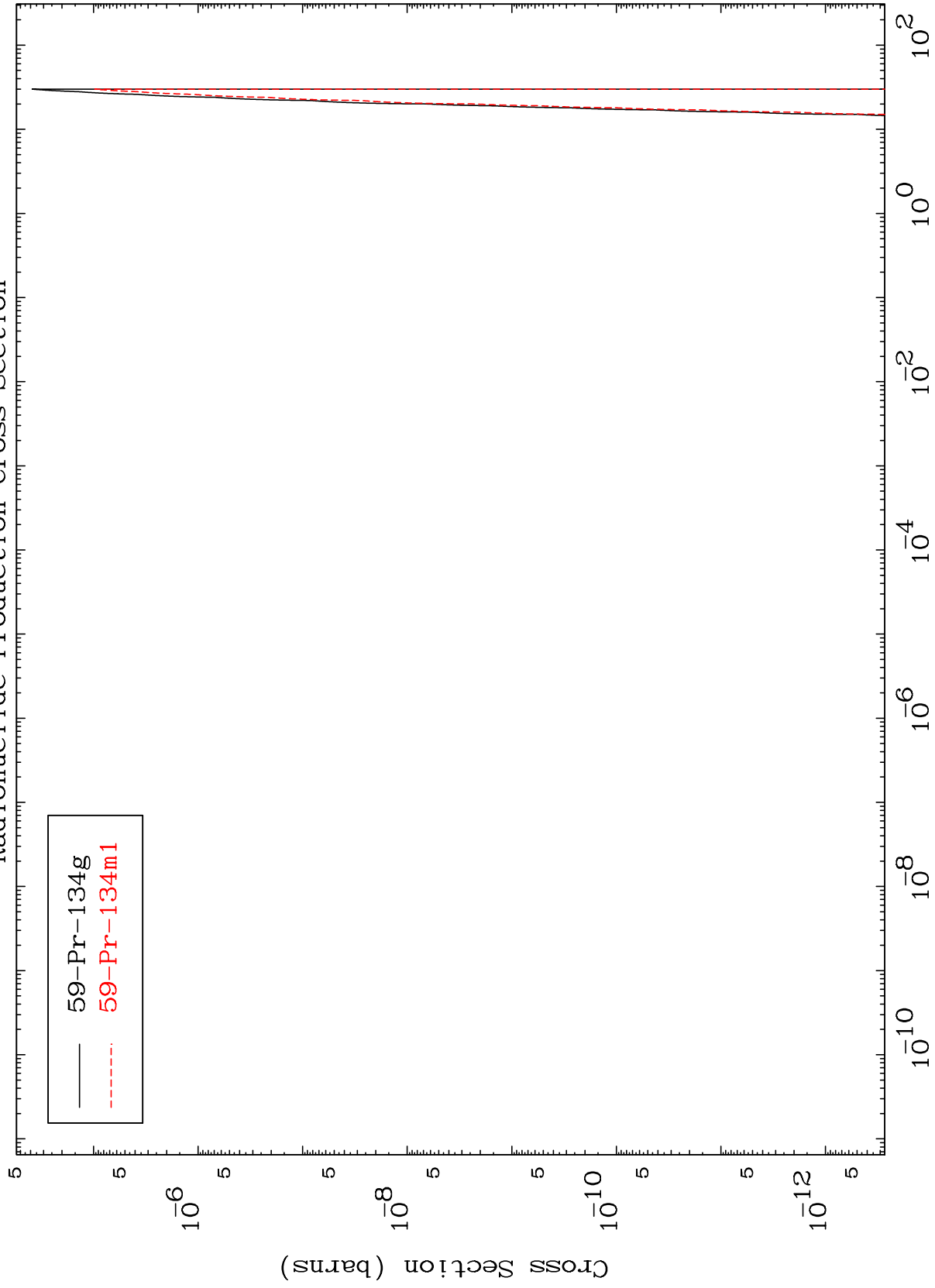
⁶²Sm-141

MAT 6217

(d,n') 2 α

62-Sm-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

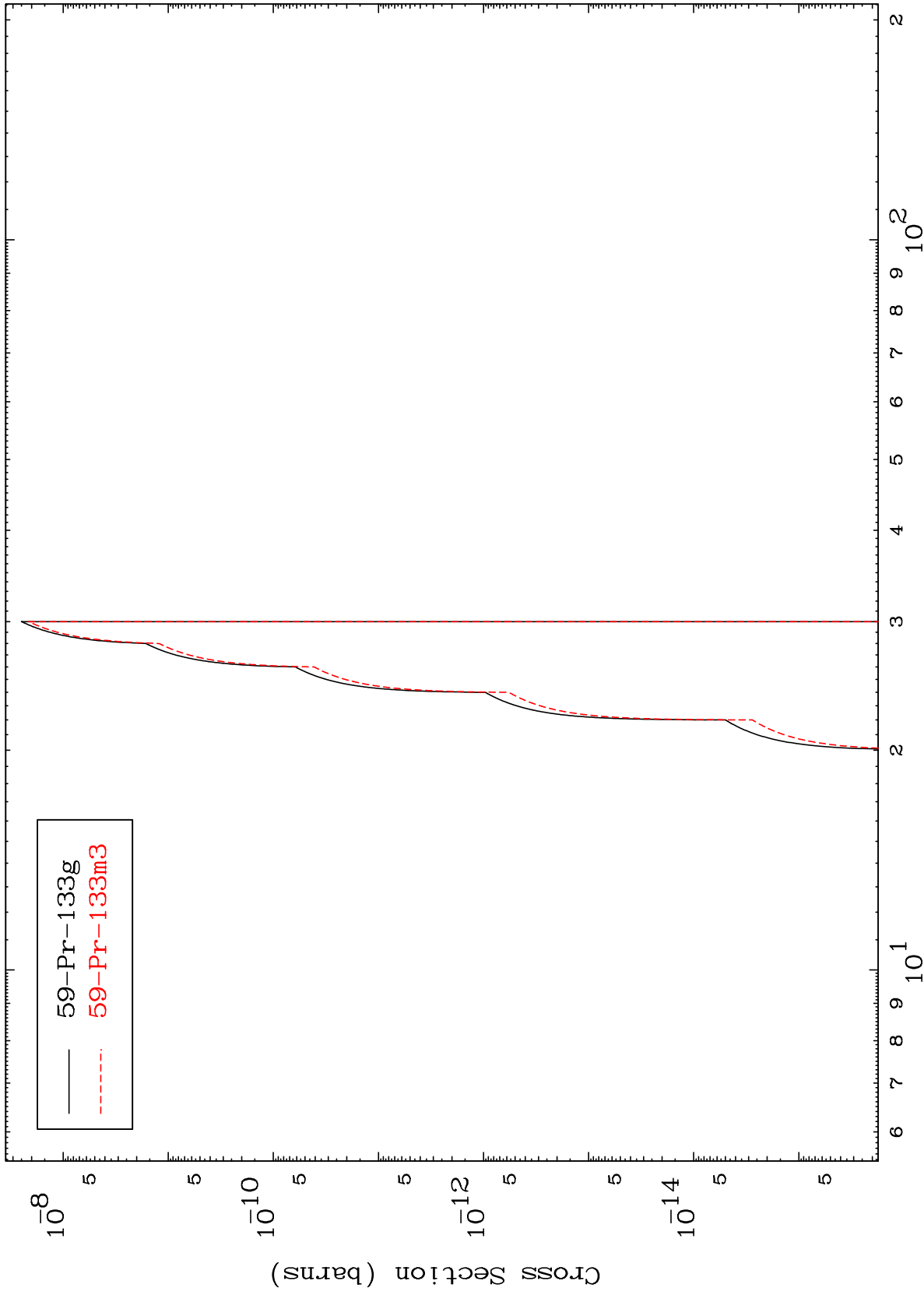
62-Sm-141

MAT 6217

$(d, 2n) 2\alpha$

$^{62}\text{Sm}-141$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

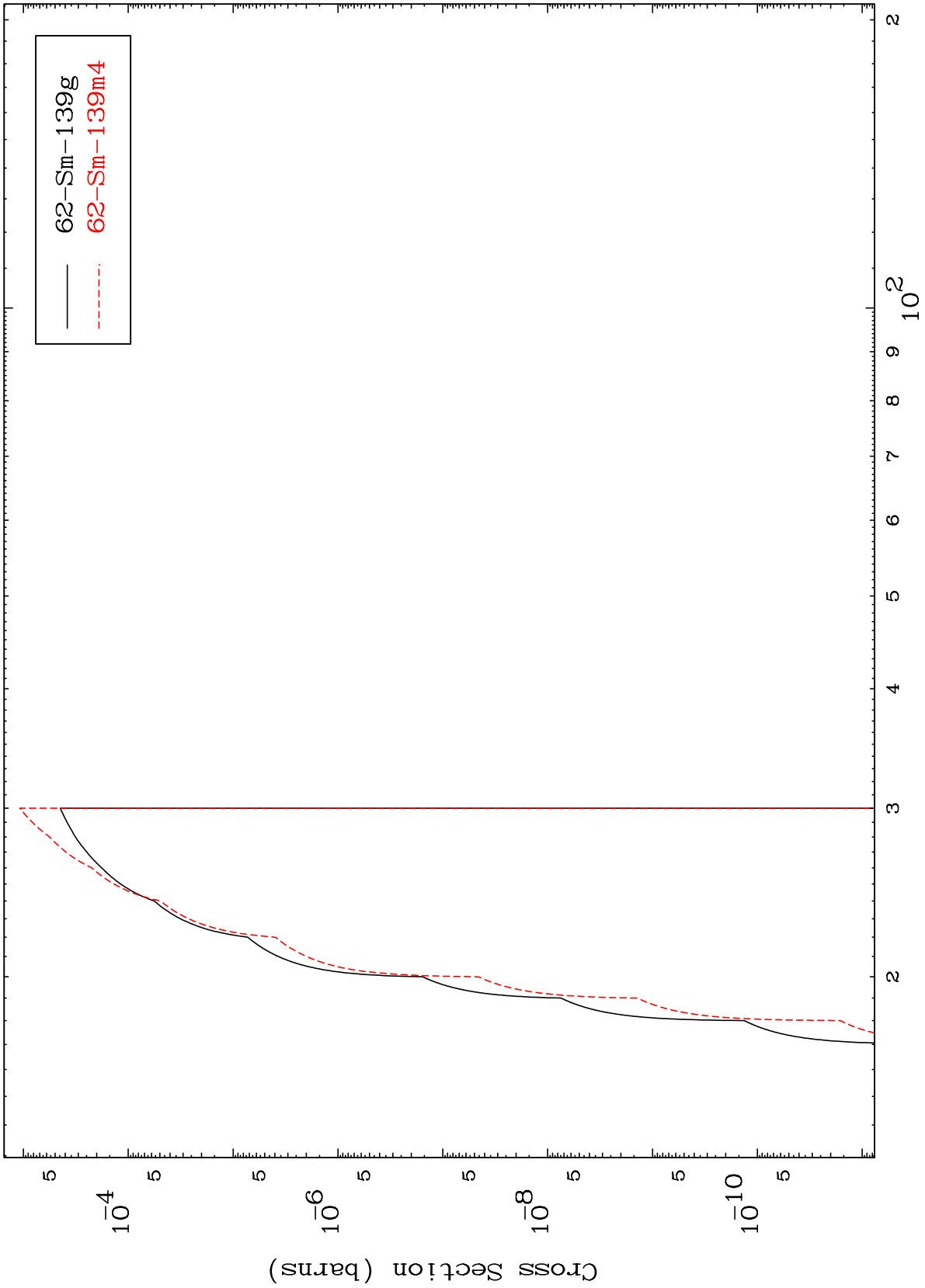
$^{62}\text{Sm}-141$

MAT 6217

(d,n') t

62-Sm-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

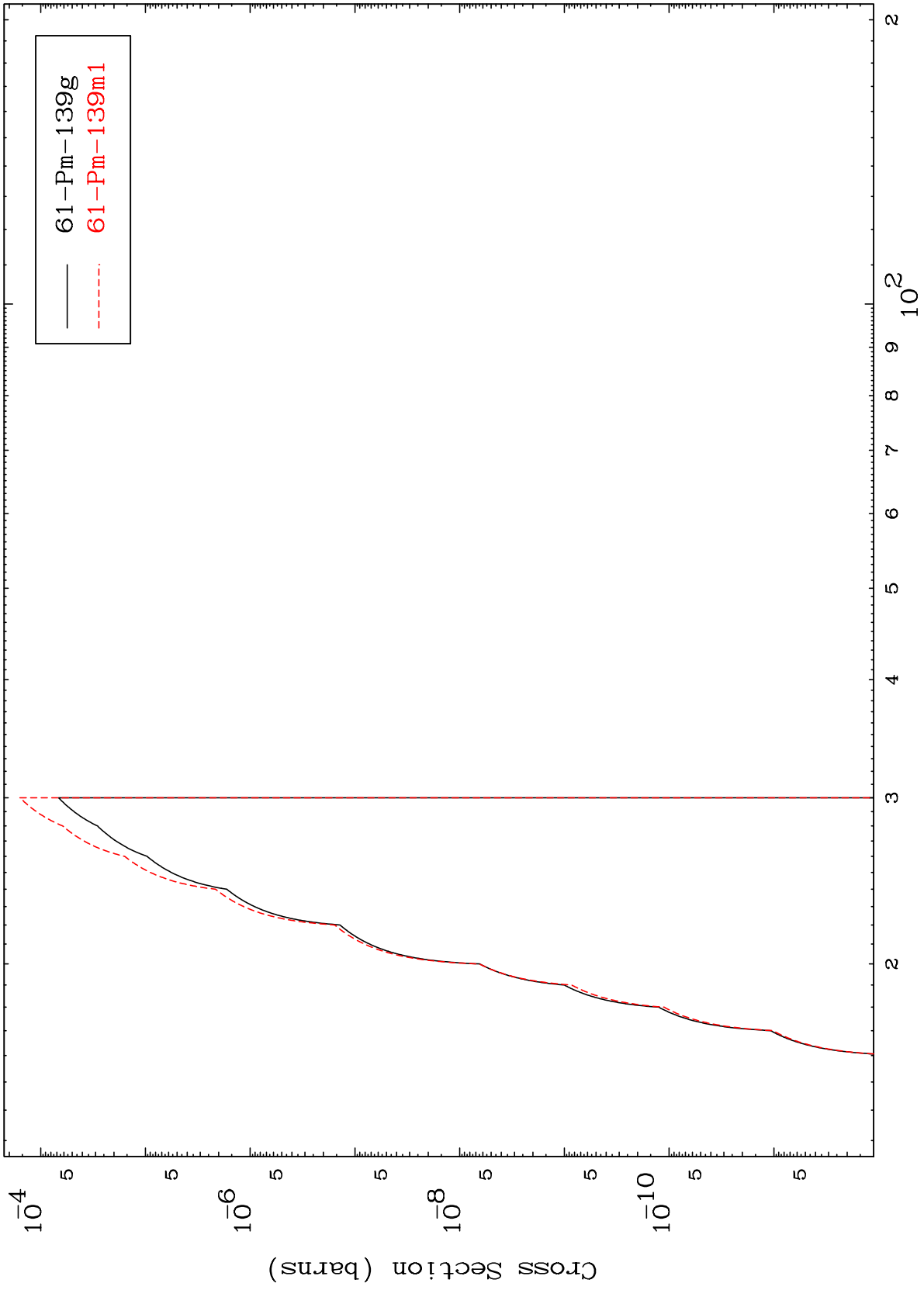
62-Sm-141

MAT 6217

(d, n') He-3

62-Sm-141

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

21

Incident Energy (MeV)

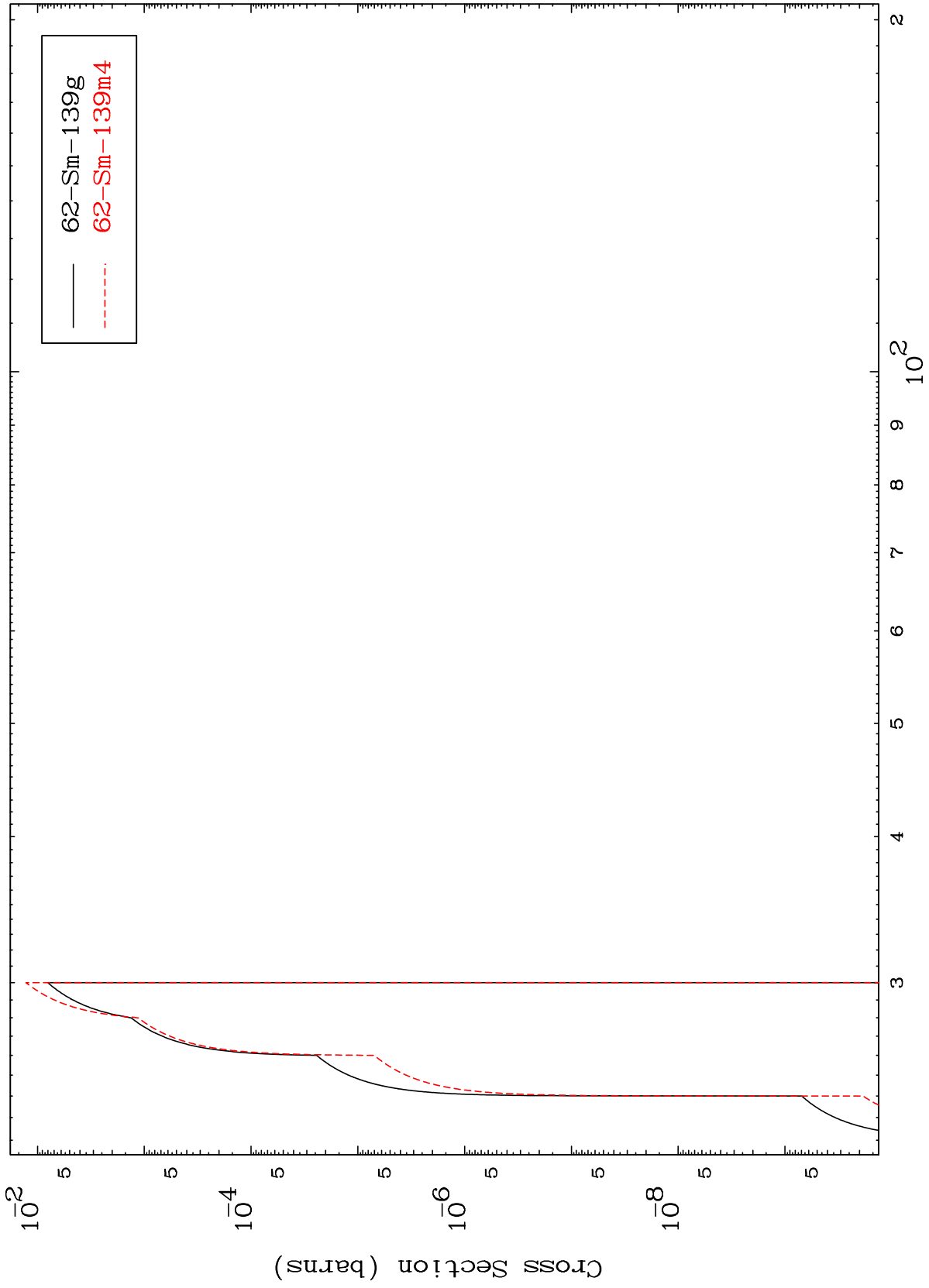
62-Sm-141

MAT 6217

(d,3n) p

62-Sm-141

Radionuclide Production Cross Section



22

Incident Energy (MeV)

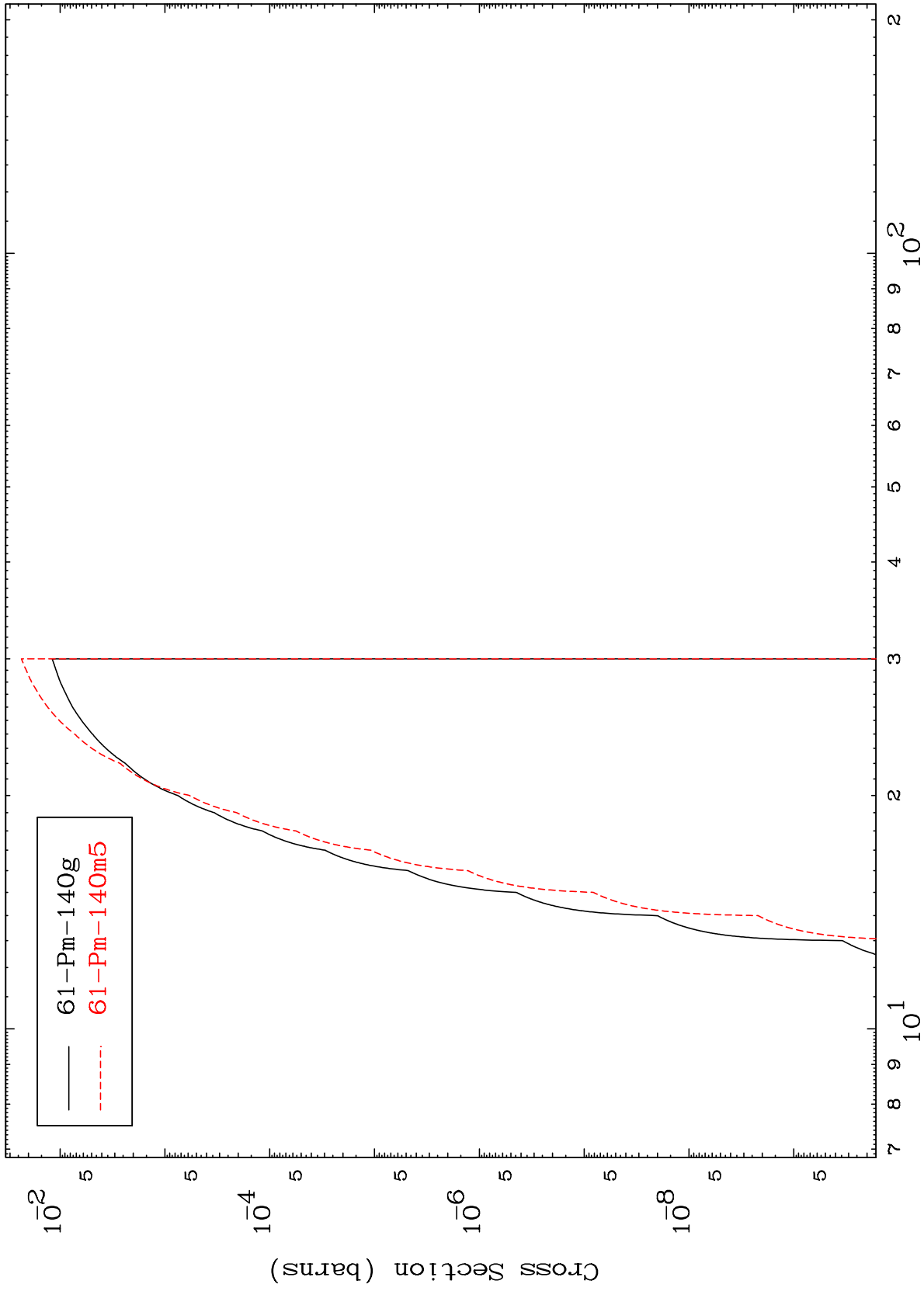
62-Sm-141

MAT 6217

(d,2n) p

62-Sm-141

Radionuclide Production Cross Section



23

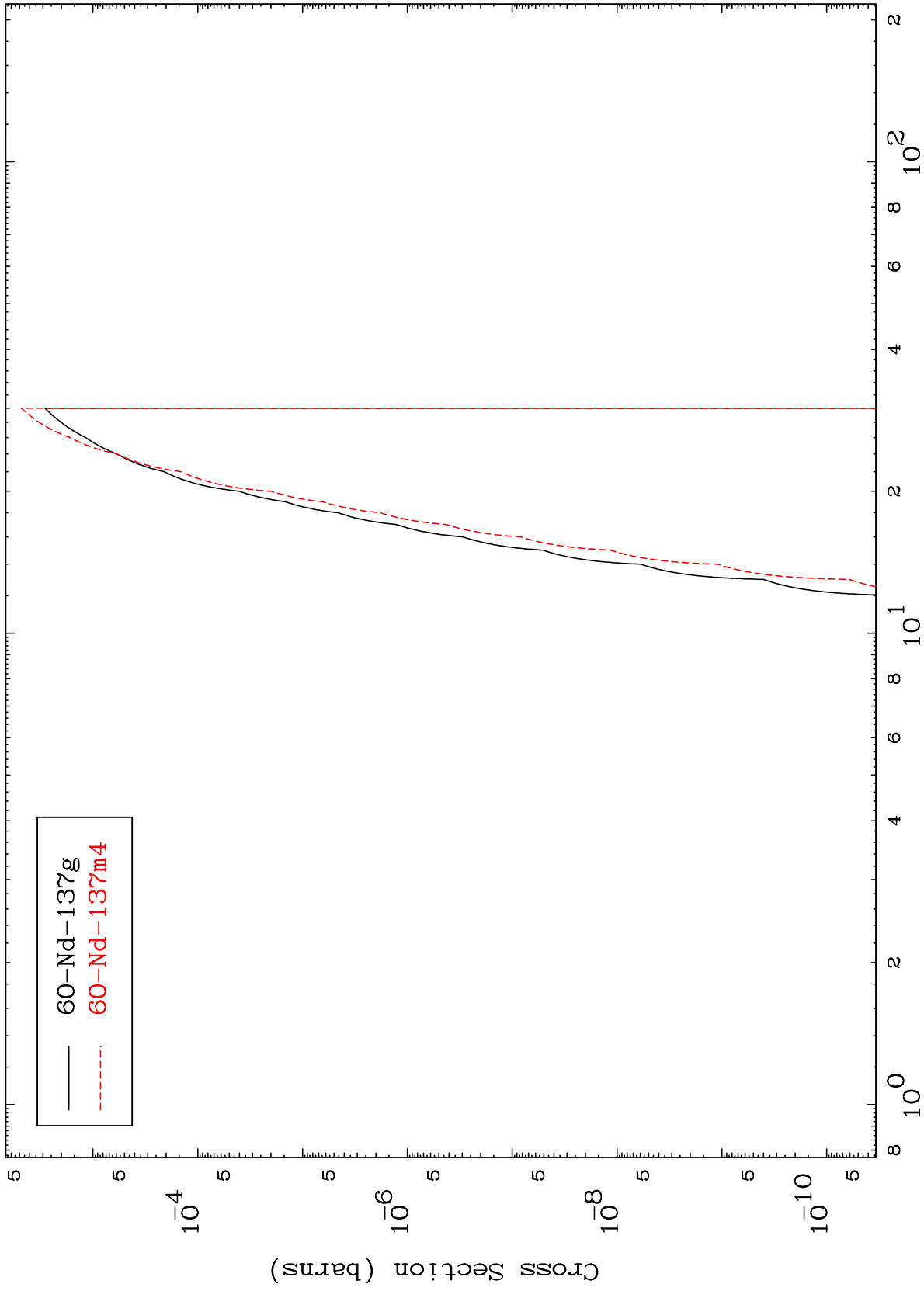
62-Sm-141

MAT 6217

(d,n') p α

62-Sm-141

Radionuclide Production Cross Section



24

Incident Energy (MeV)

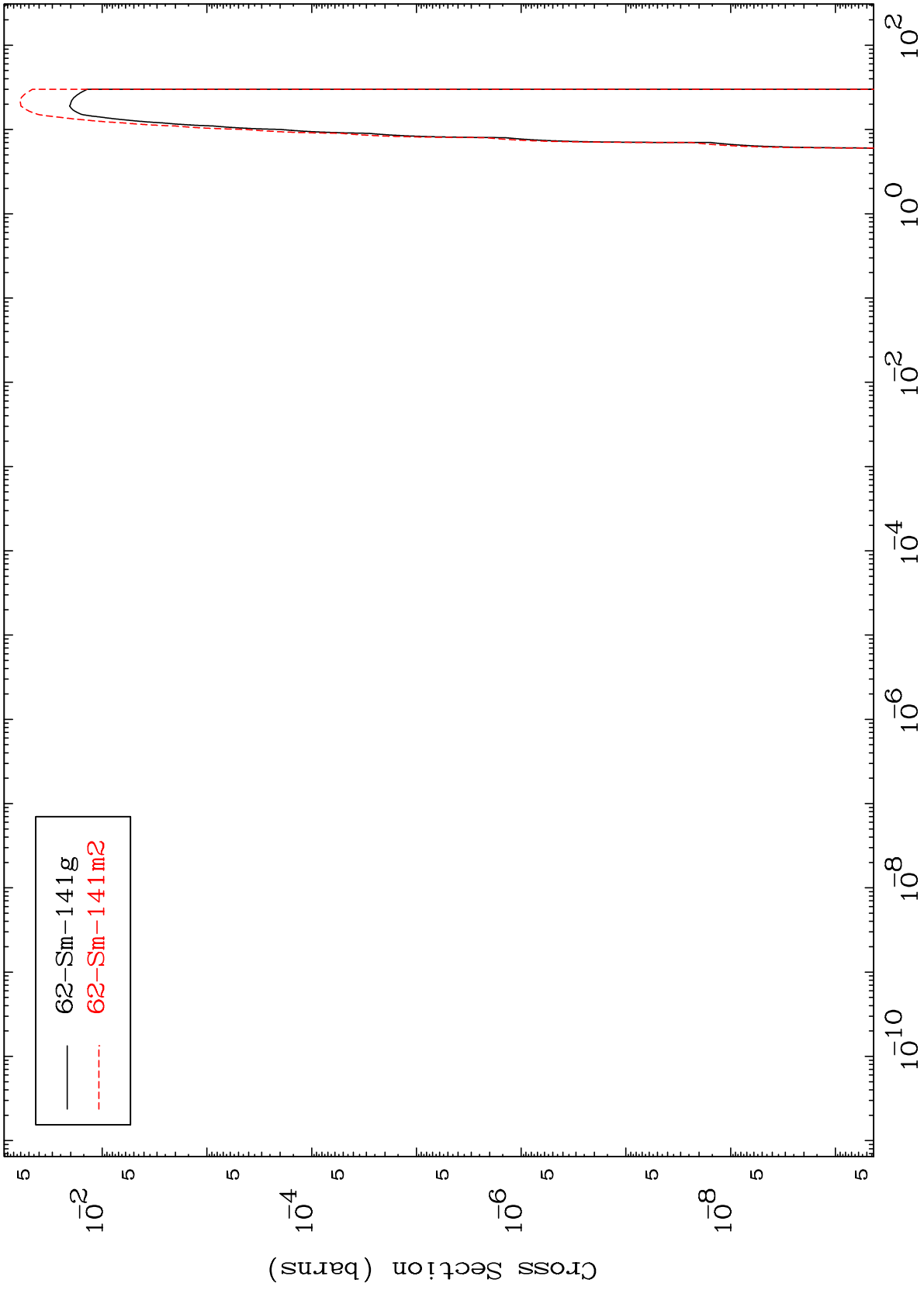
62-Sm-141

MAT 6217

(d,d)

62-Sm-141

Radionuclide Production Cross Section



25

Incident Energy (MeV)

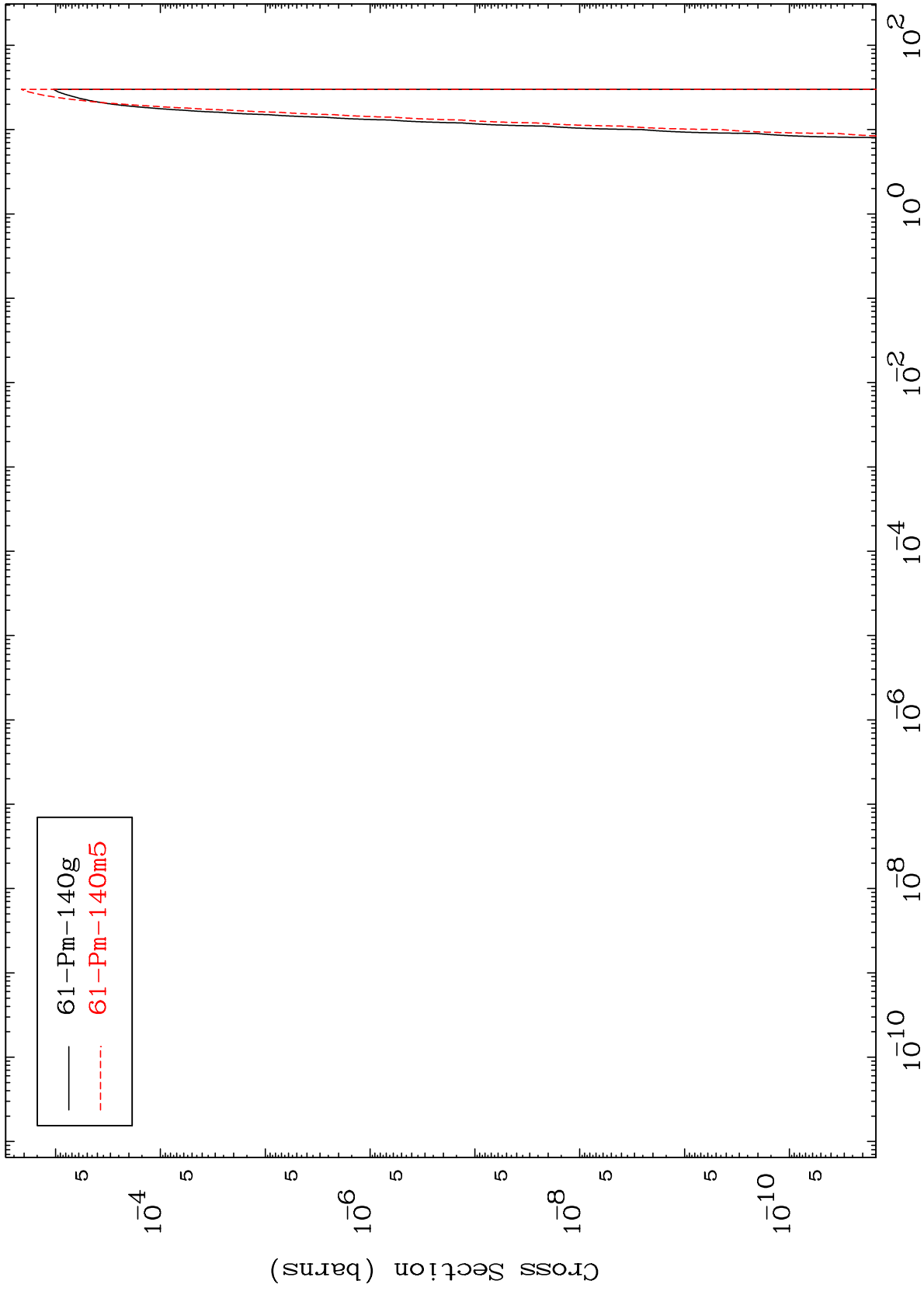
62-Sm-141

MAT 6217

(d,He-3)

62-Sm-141

Radionuclide Production Cross Section

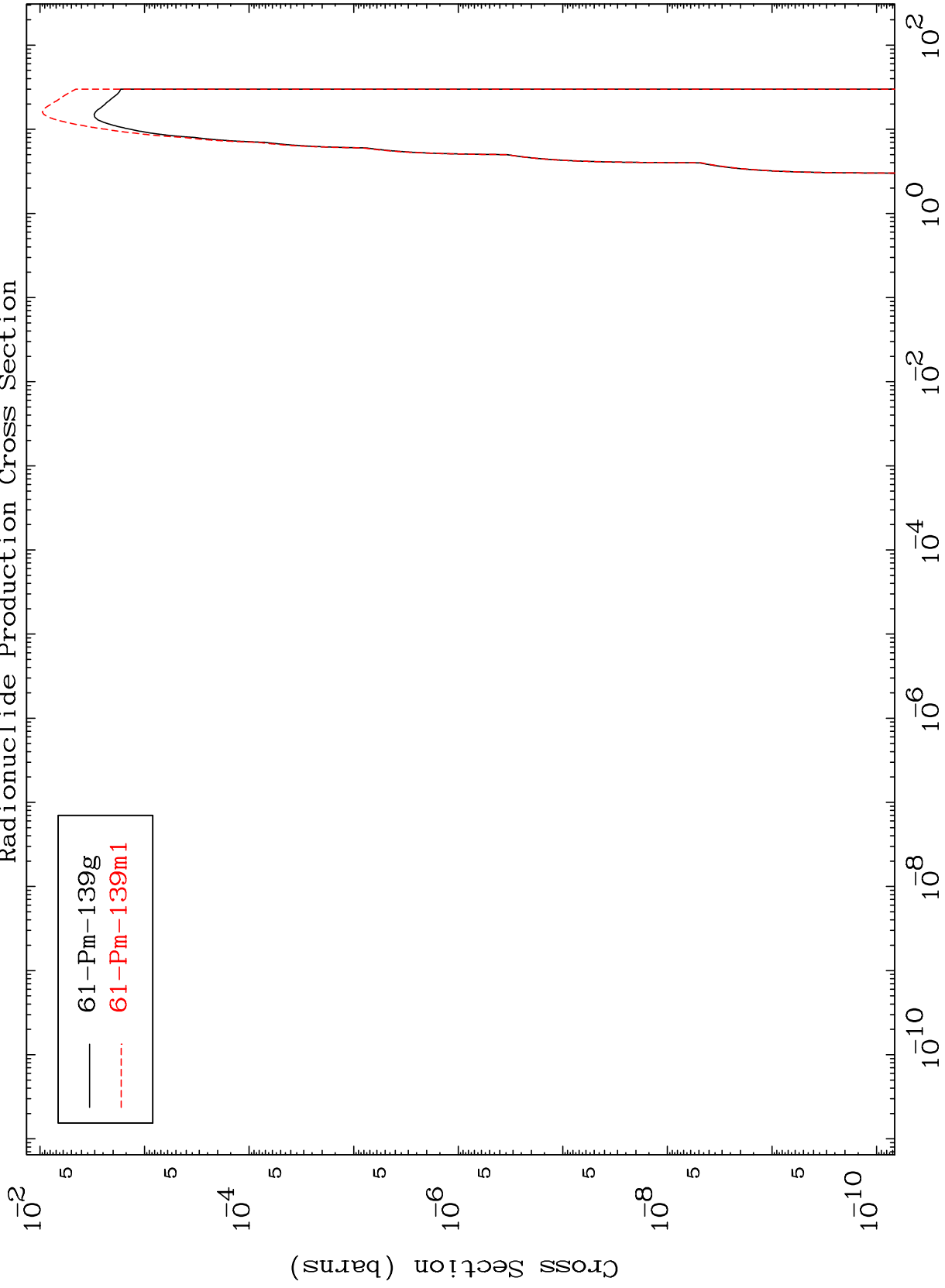


MAT 6217

(d, α)

62-Sm-141

Radionuclide Production Cross Section



27

Incident Energy (MeV)

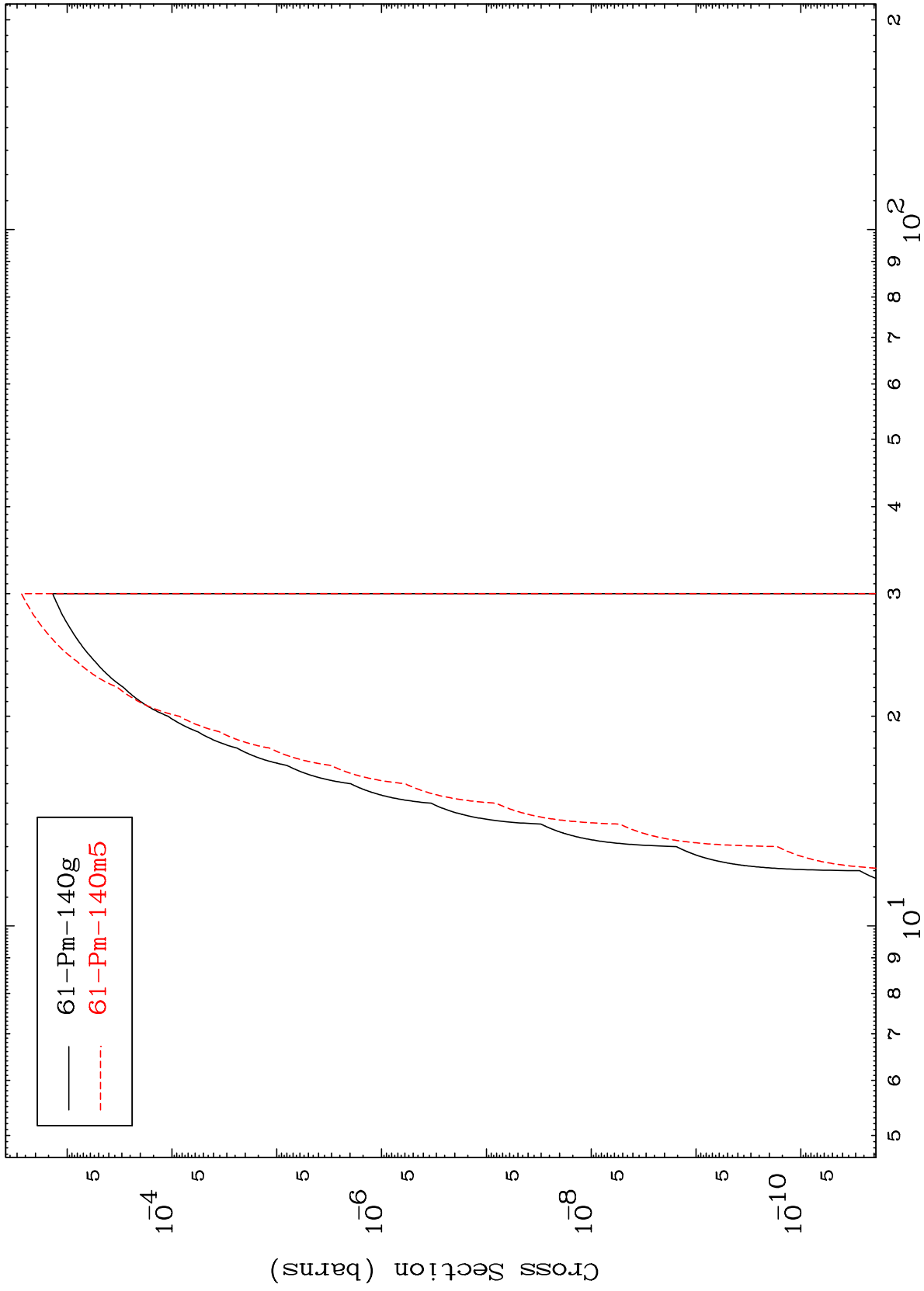
62-Sm-141

MAT 6217

(d,p) d

⁶²Sm-141

Radionuclide Production Cross Section



28

Incident Energy (MeV)

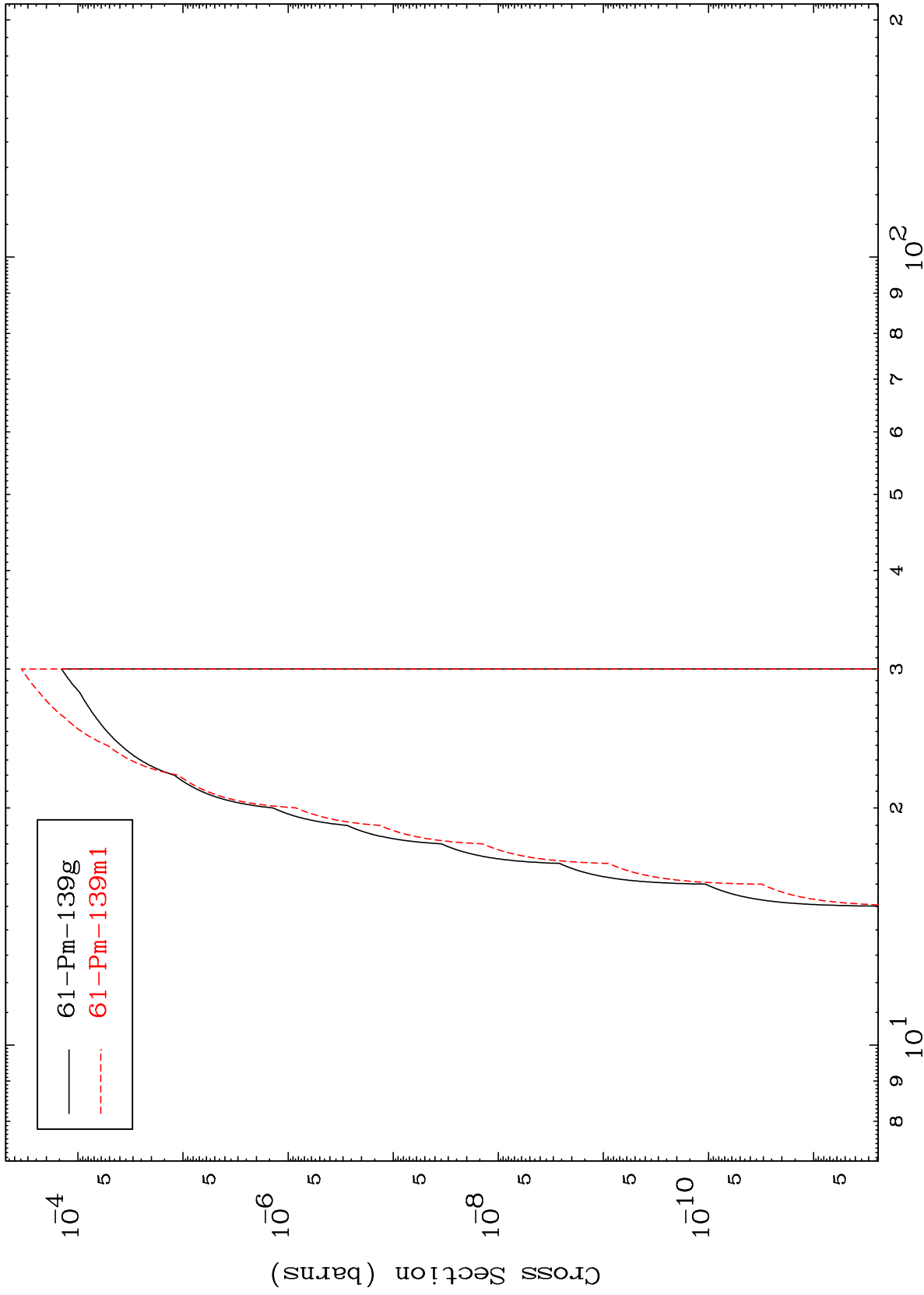
⁶²Sm-141

MAT 6217

(d,p) t

62-Sm-141

Radionuclide Production Cross Section



29

Incident Energy (MeV)

62-Sm-141

MAT 6217

(d,d) α

$^{62}\text{Sm-141}$

Radionuclide Production Cross Section

