

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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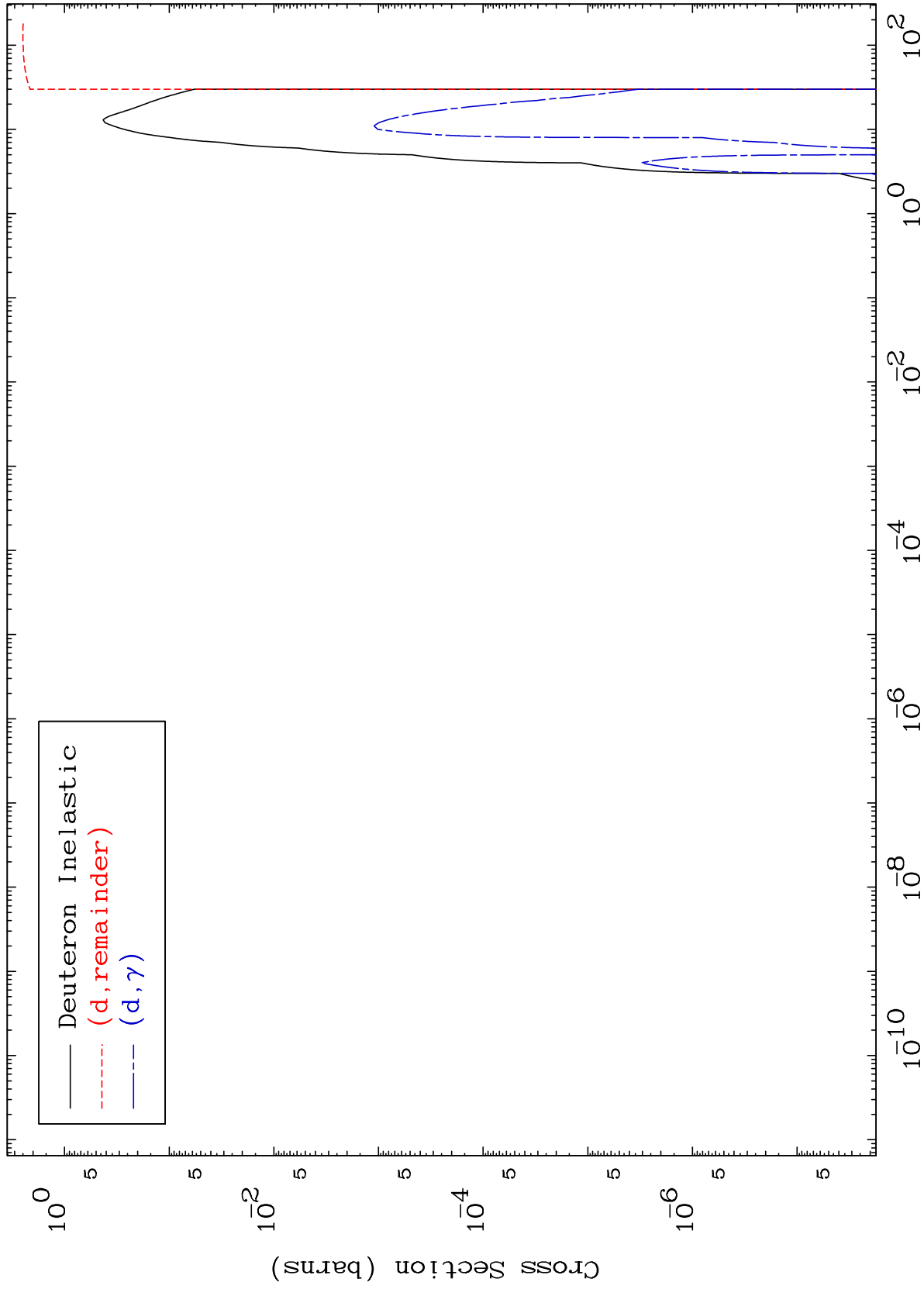
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6213

Deuteron Major
0 Kelvin Cross Sections

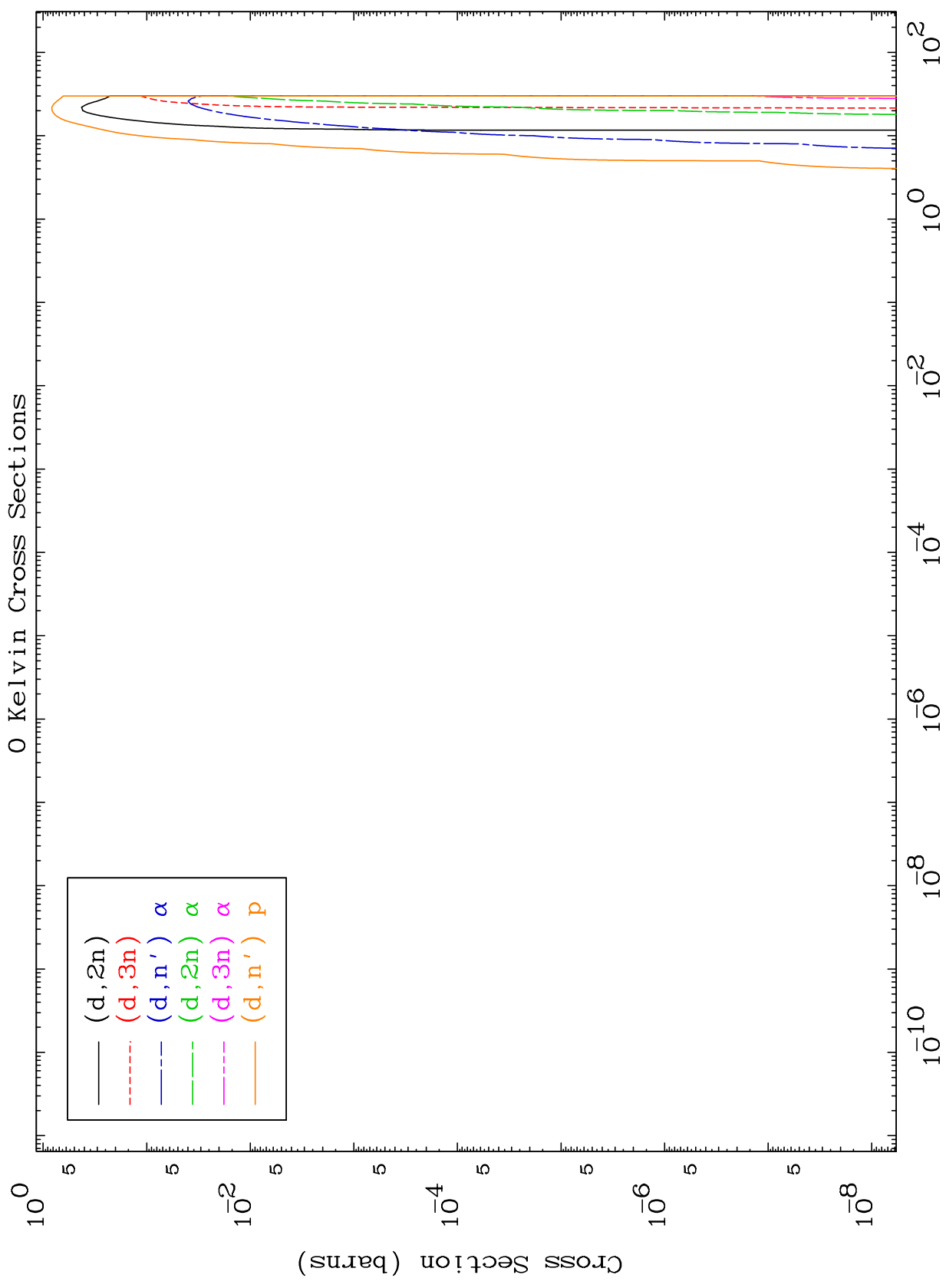
62-Sm-140



MAT 6213

Deuteron Neutron Production
0 Kelvin Cross Sections

62-Sm-140

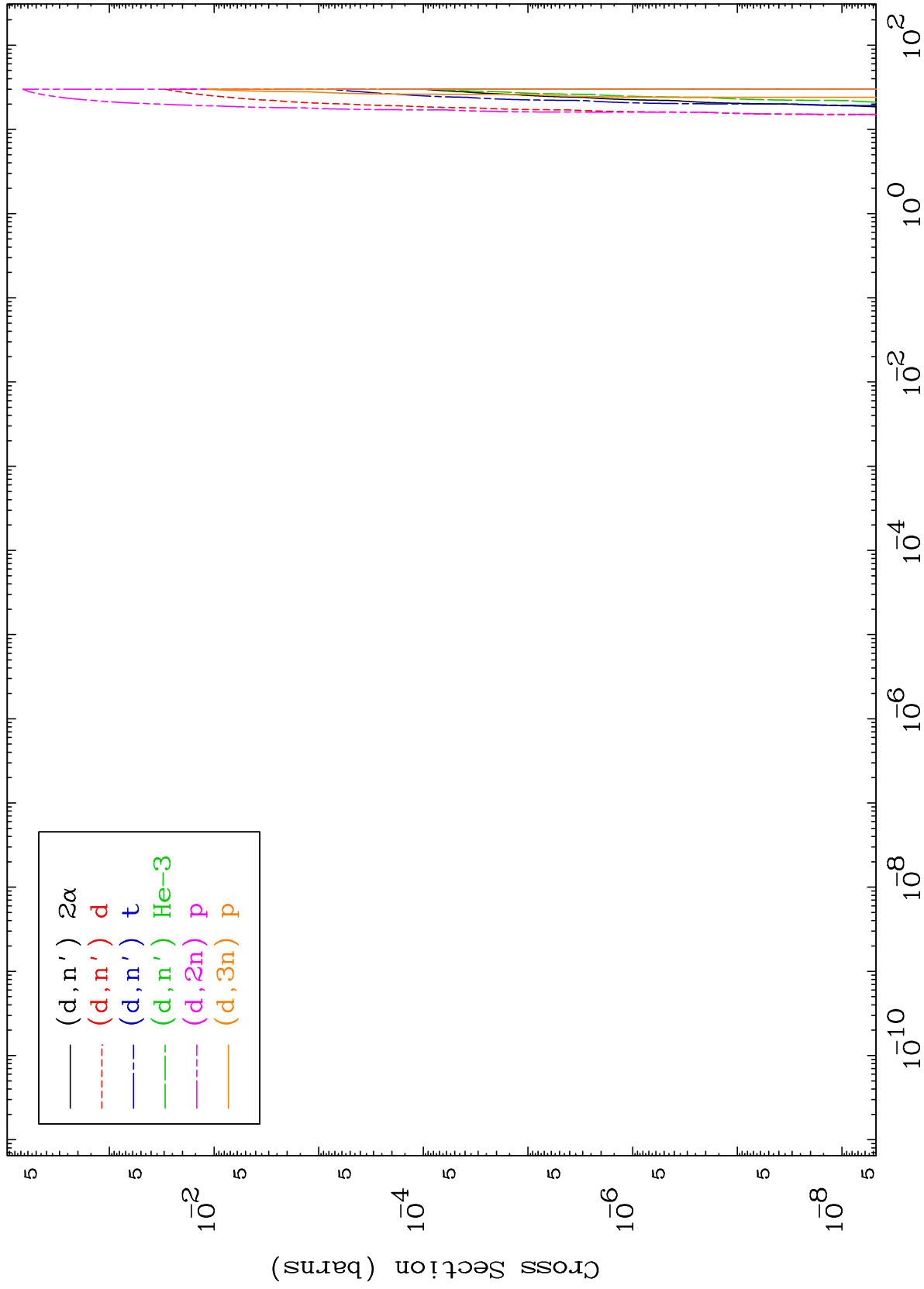


62-Sm-140

MAT 6213

Deuteron Neutron Production
0 Kelvin Cross Sections

62-Sm-140



3

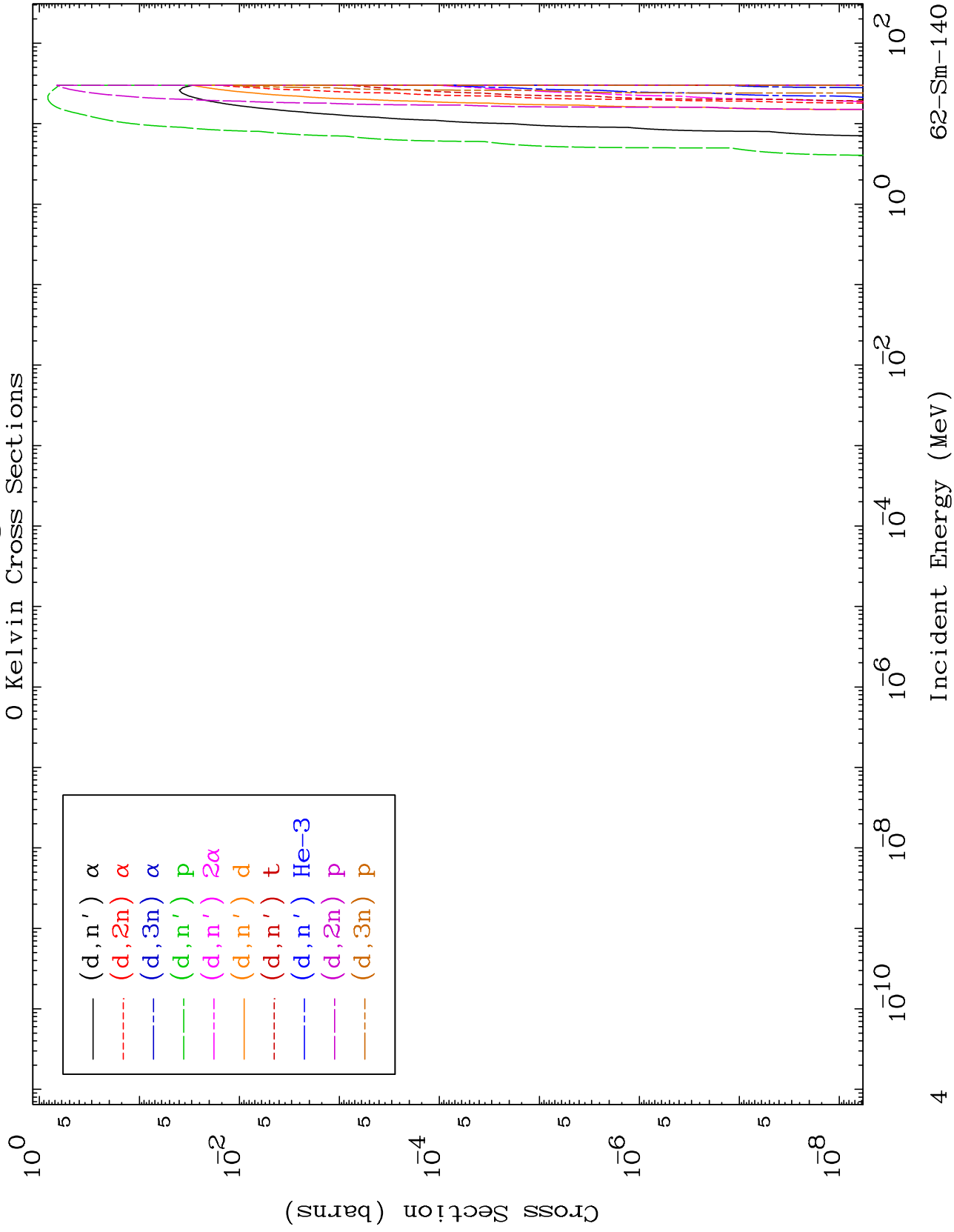
Incident Energy (MeV)

62-Sm-140

MAT 6213

Deuteron Charged Particle
0 Kelvin Cross Sections

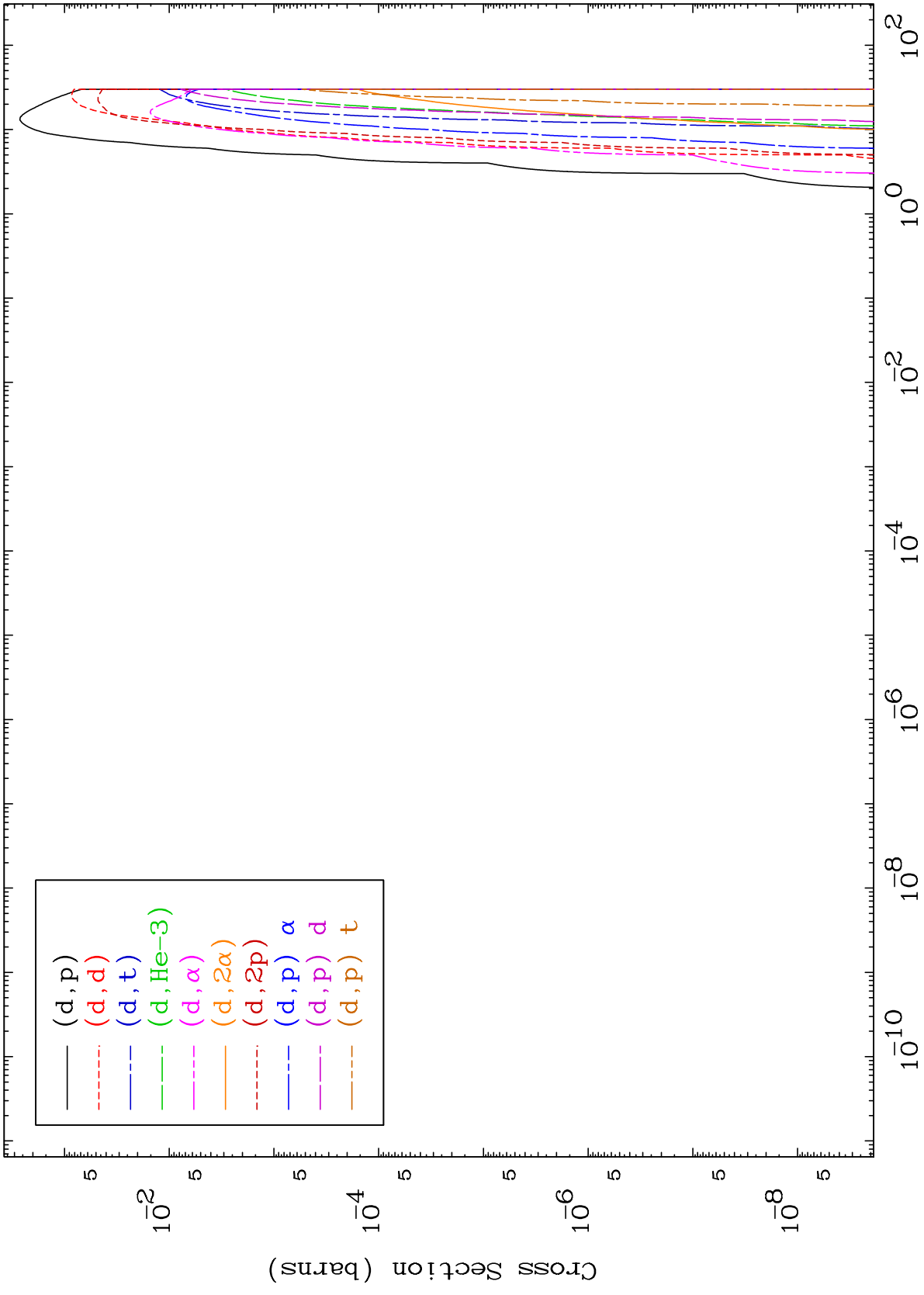
62-Sm-140



MAT 6213

Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-140



5

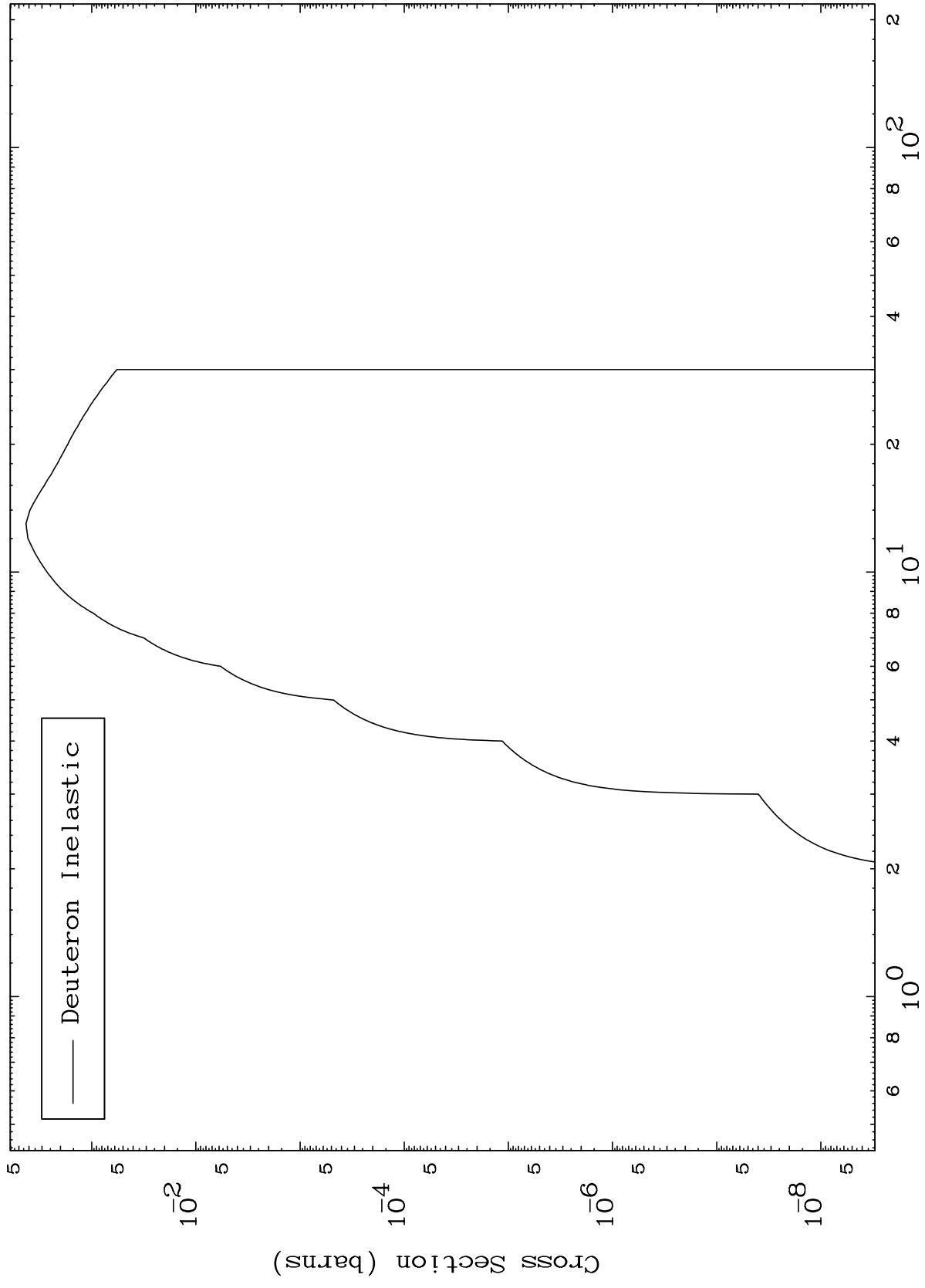
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

(d,n') Level
0 Kelvin Cross Sections



6

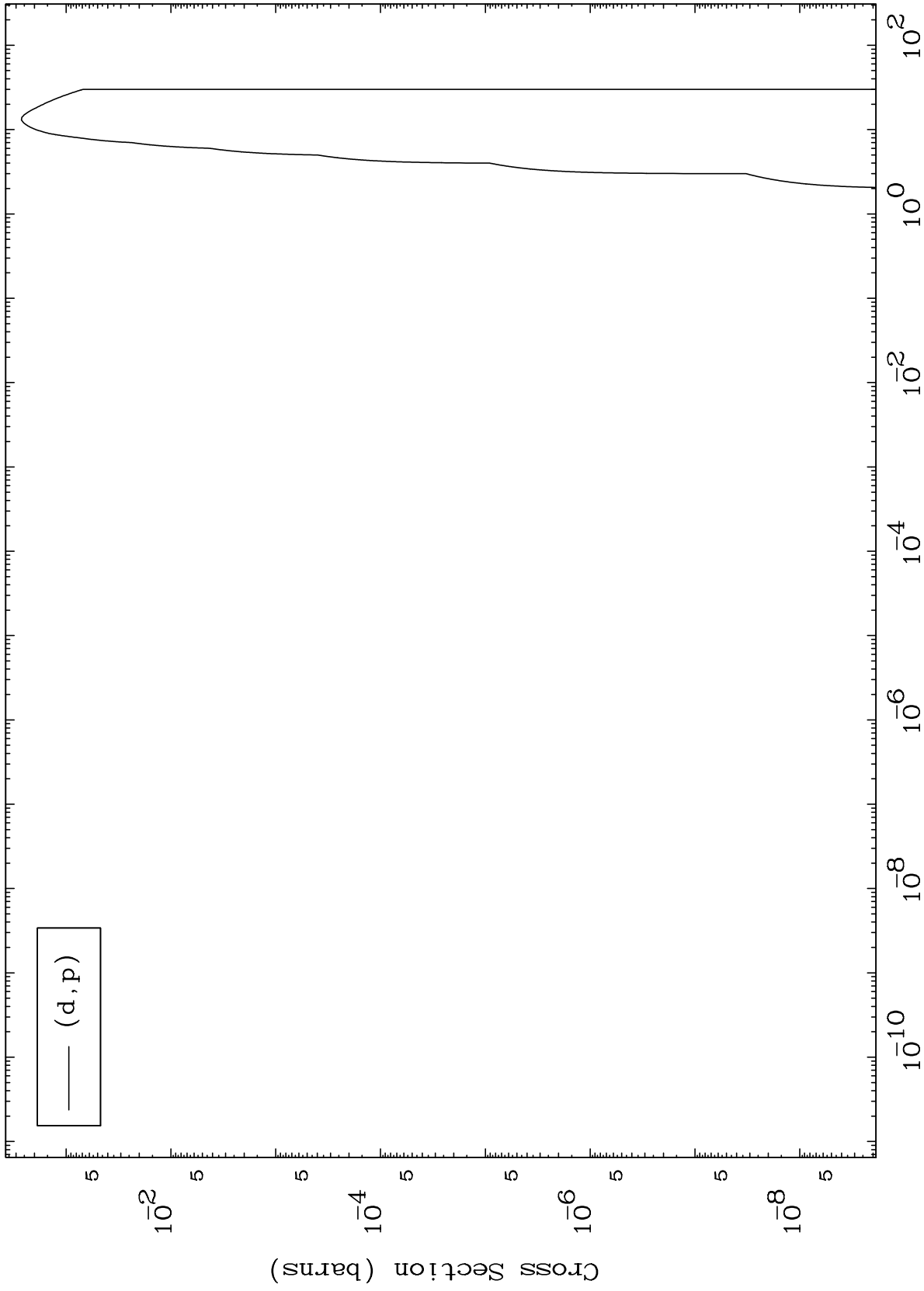
Incident Energy (MeV)

62-Sm-140

MAT 6213

(d,p) Levels
0 Kelvin Cross Sections

62-Sm-140



7

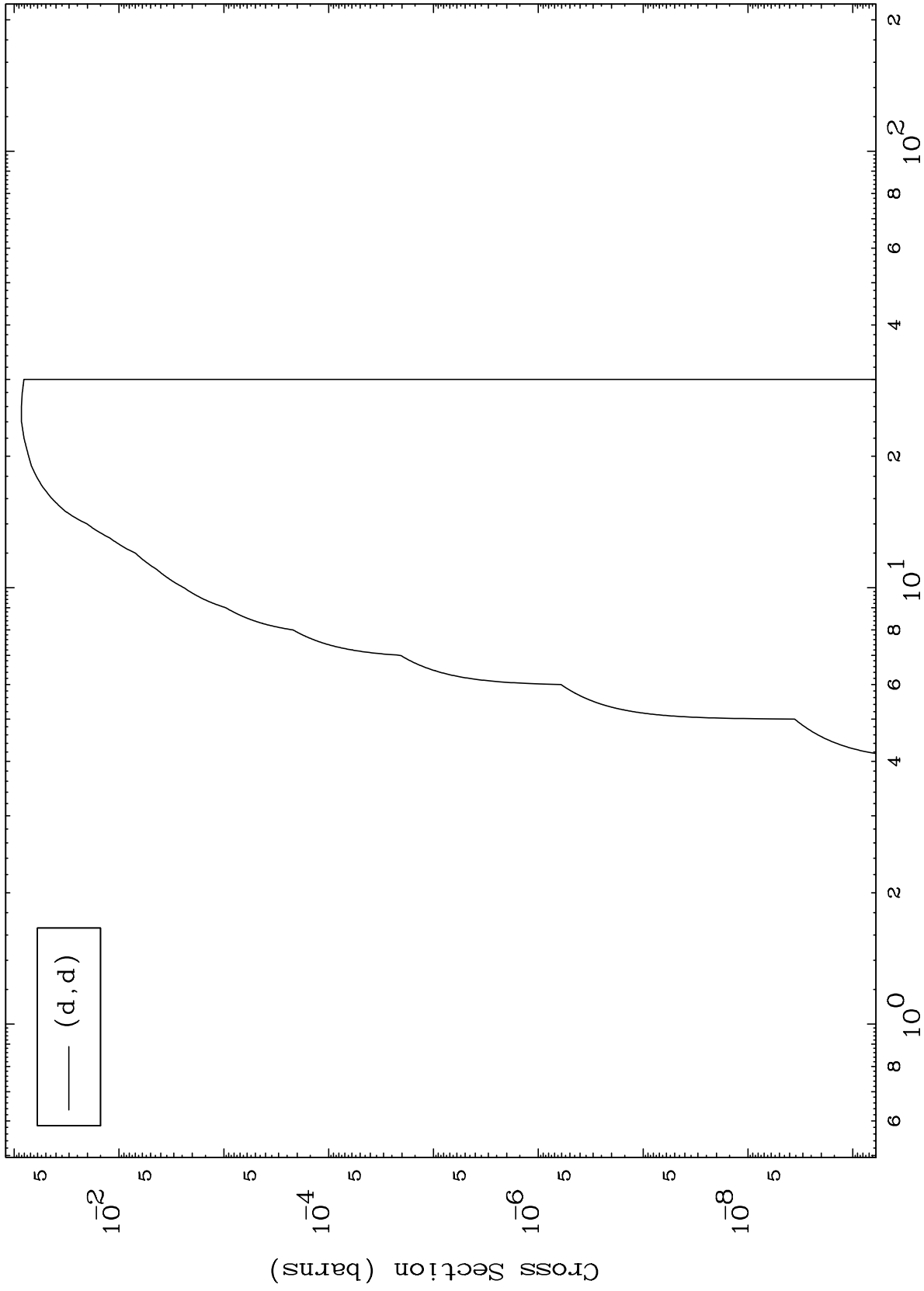
Incident Energy (MeV)

62-Sm-140

MAT 6213

(d,d) Levels
0 Kelvin Cross Sections

62-Sm-140



8

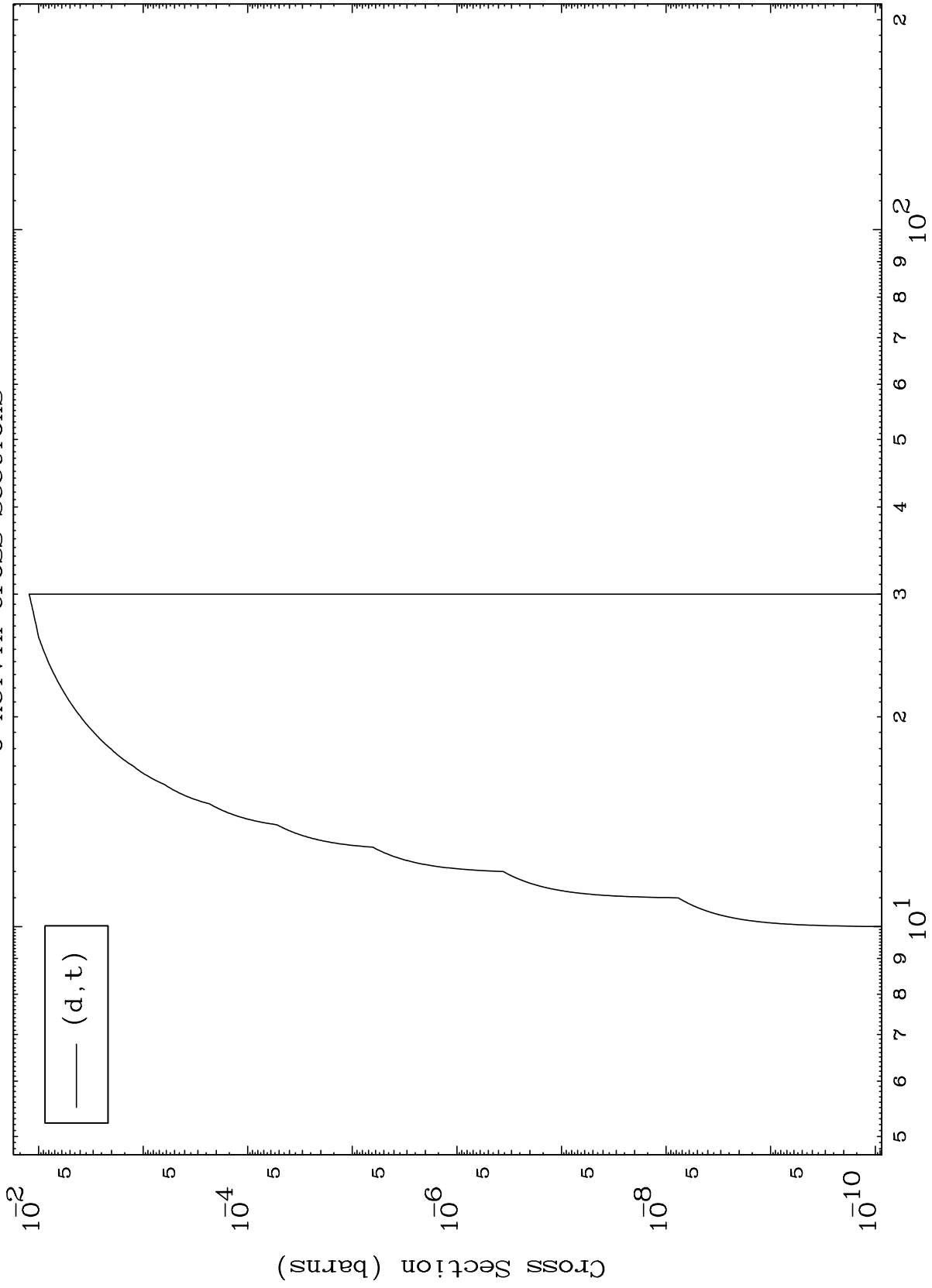
Incident Energy (MeV)

62-Sm-140

MAT 6213

(d,t) Levels
0 Kelvin Cross Sections

62-Sm-140



9

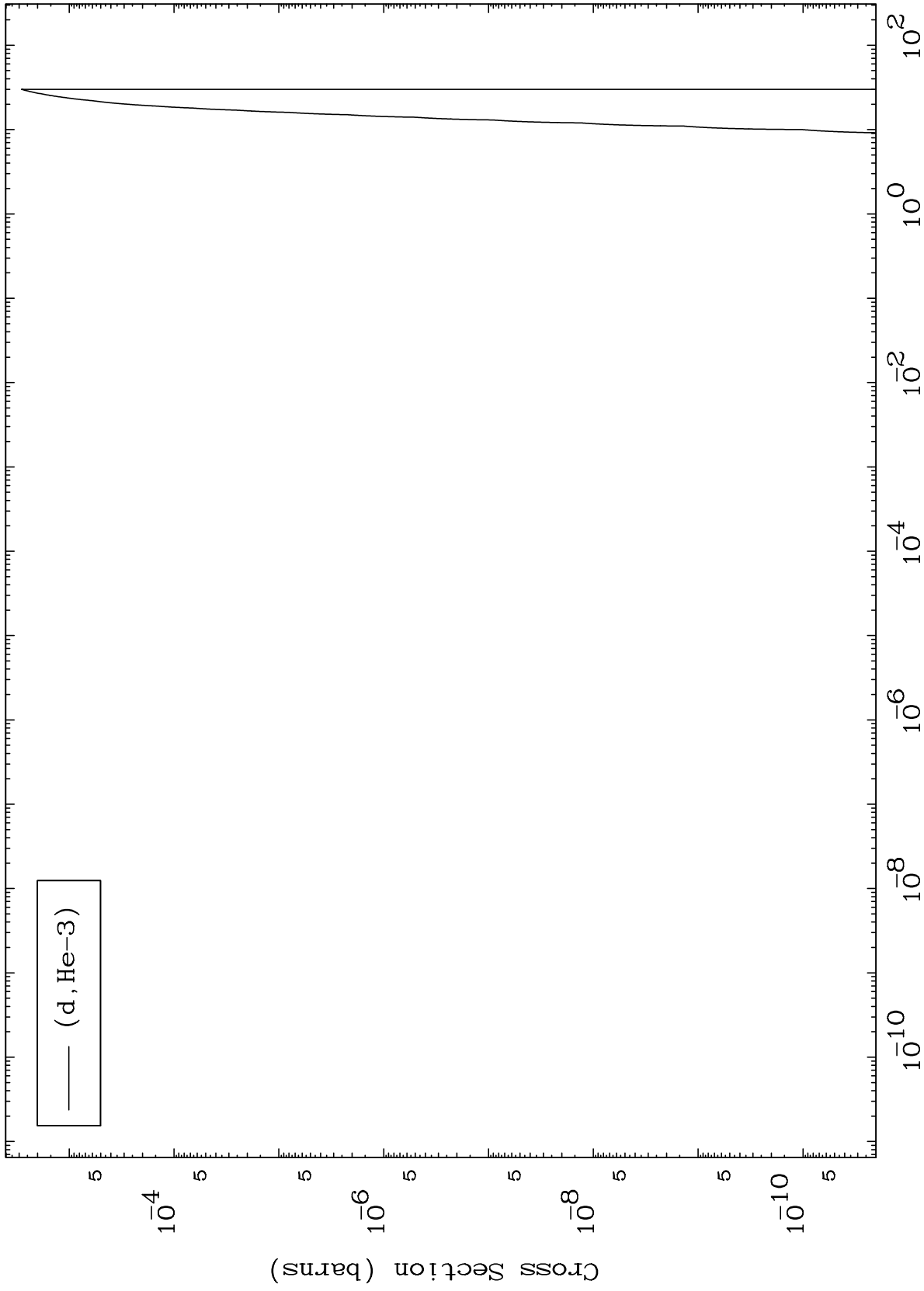
Incident Energy (MeV)

62-Sm-140

MAT 6213

(d,He3) Levels
0 Kelvin Cross Sections

62-Sm-140



10

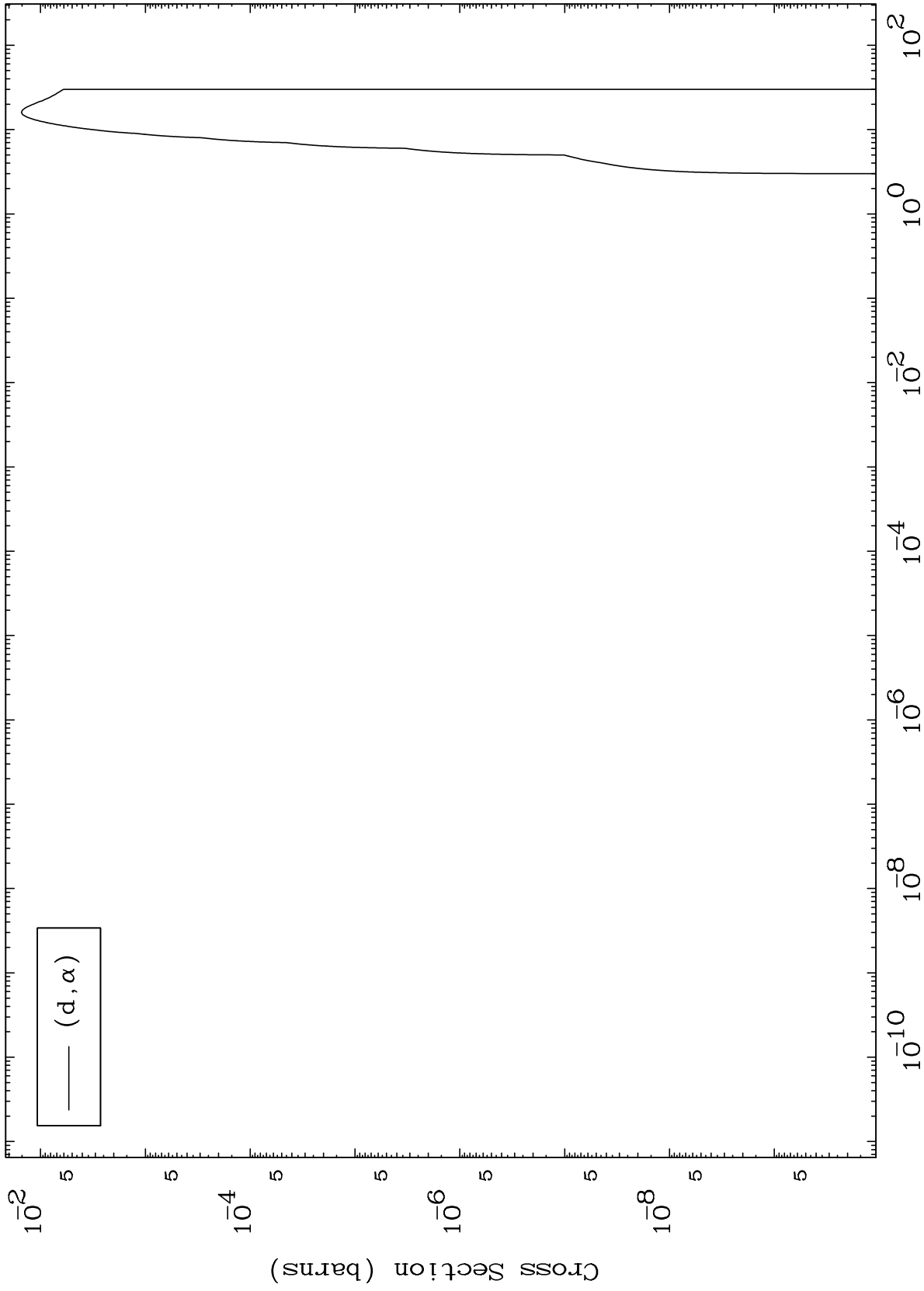
Incident Energy (MeV)

62-Sm-140

MAT 6213

(d, α) Levels
0 Kelvin Cross Sections

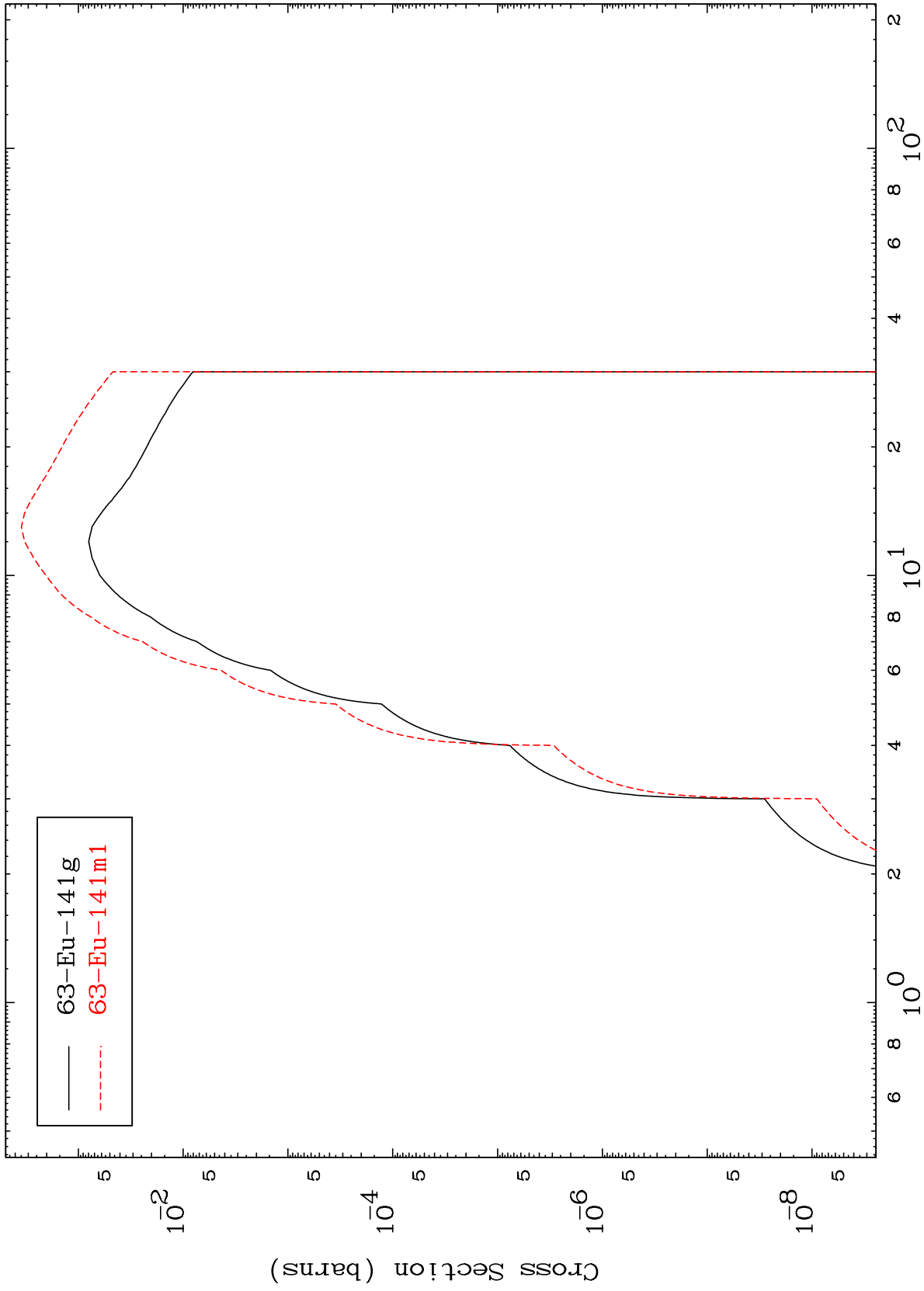
62-Sm-140



MAT 6213

Deuteron Inelastic
Radionuclide Production Cross Section

62-Sm-140



63-Eu-141g
63-Eu-141m1

12

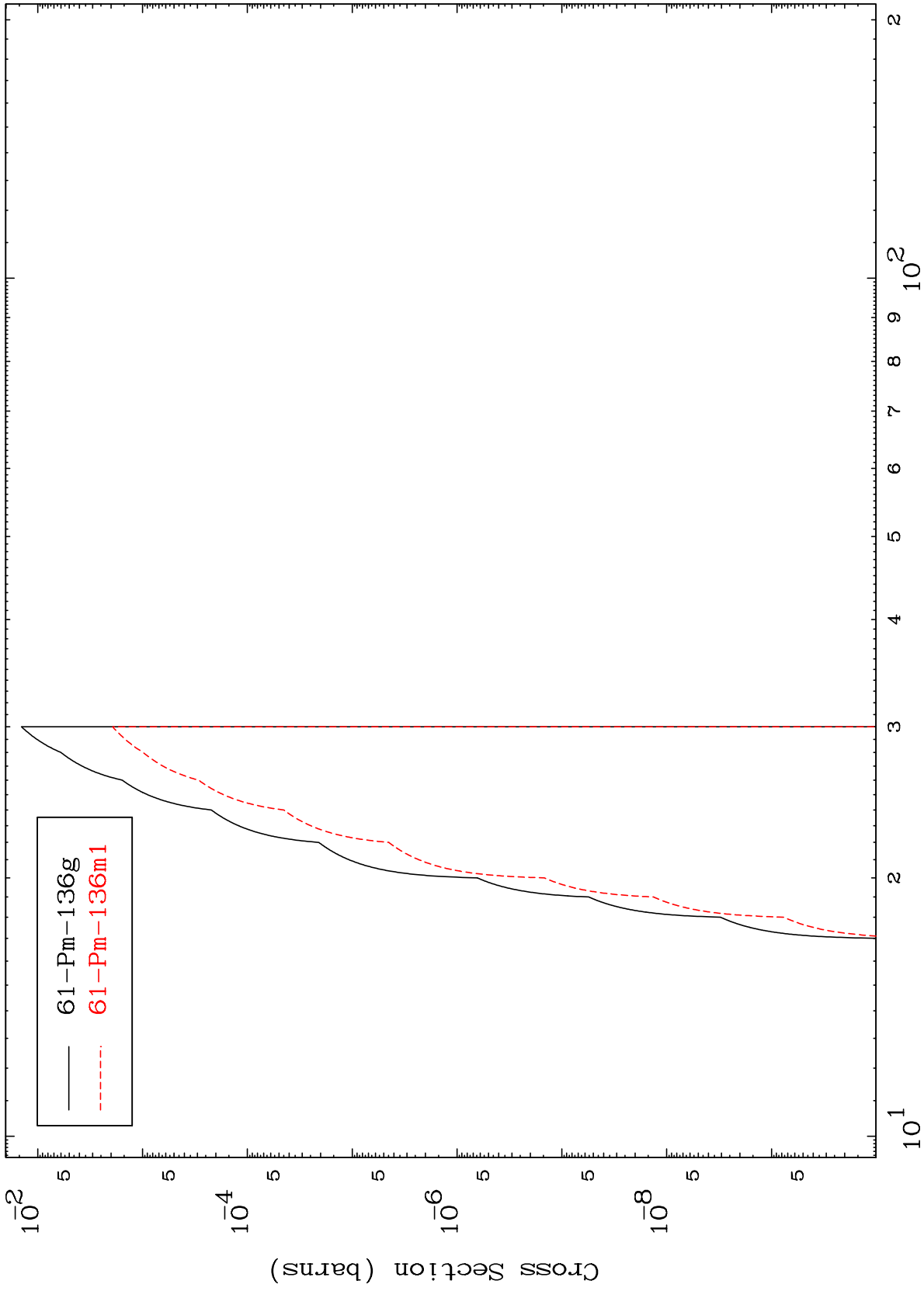
62-Sm-140

MAT 6213

(d,2n) α

62-Sm-140

Radionuclide Production Cross Section

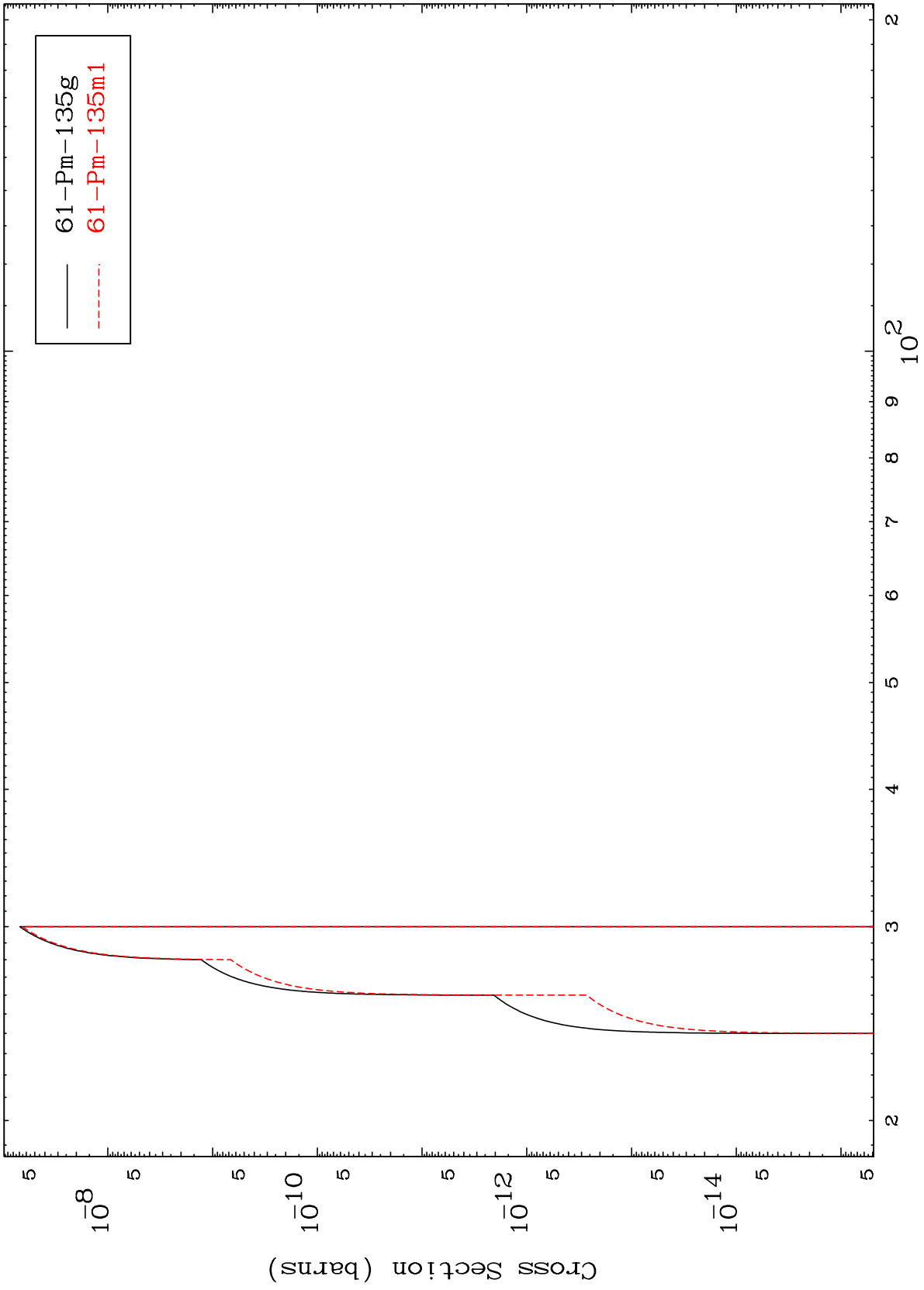


MAT 6213

(d,3n) α

62-Sm-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

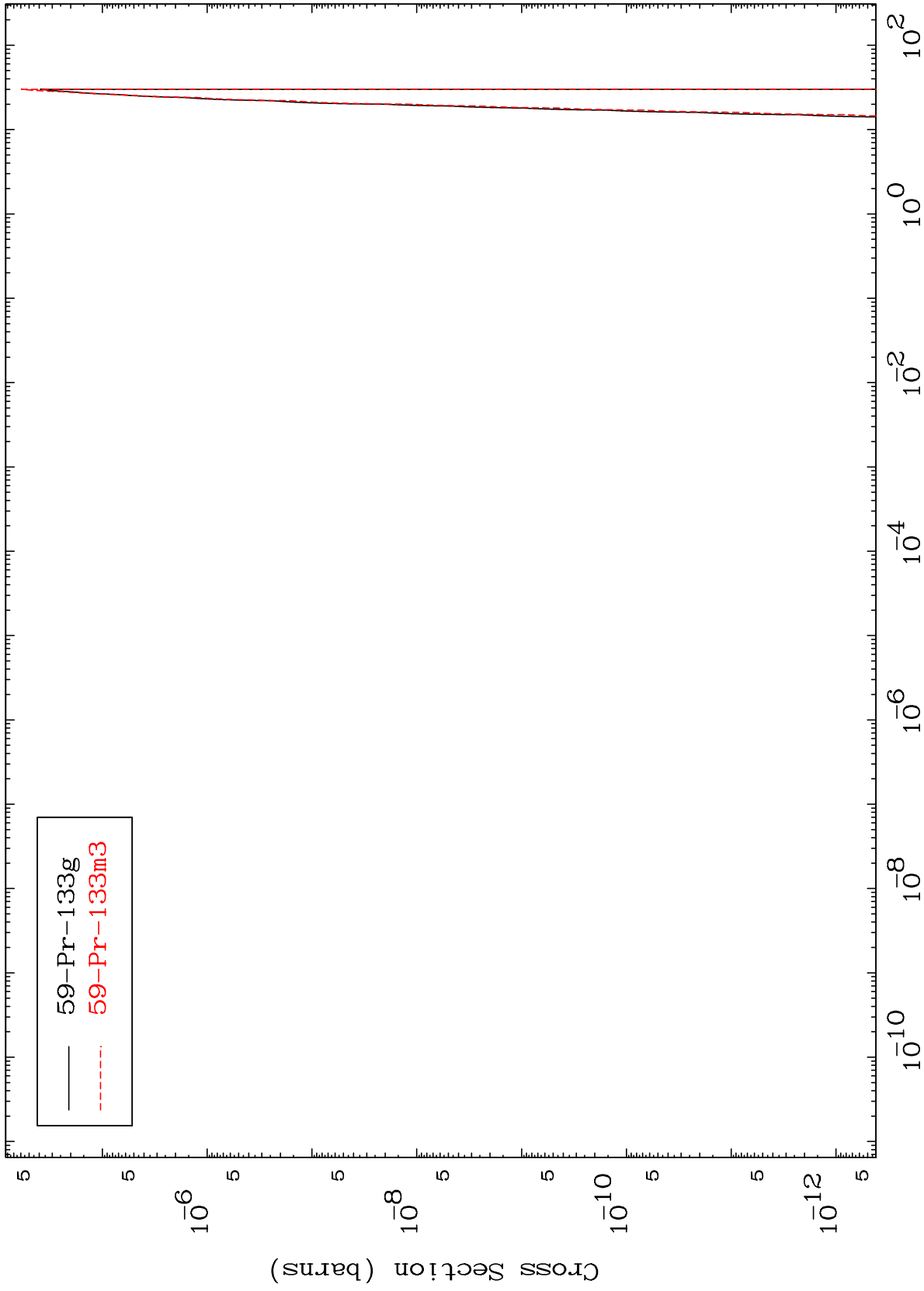
62-Sm-140

MAT 6213

(d,n') 2 α

62-Sm-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

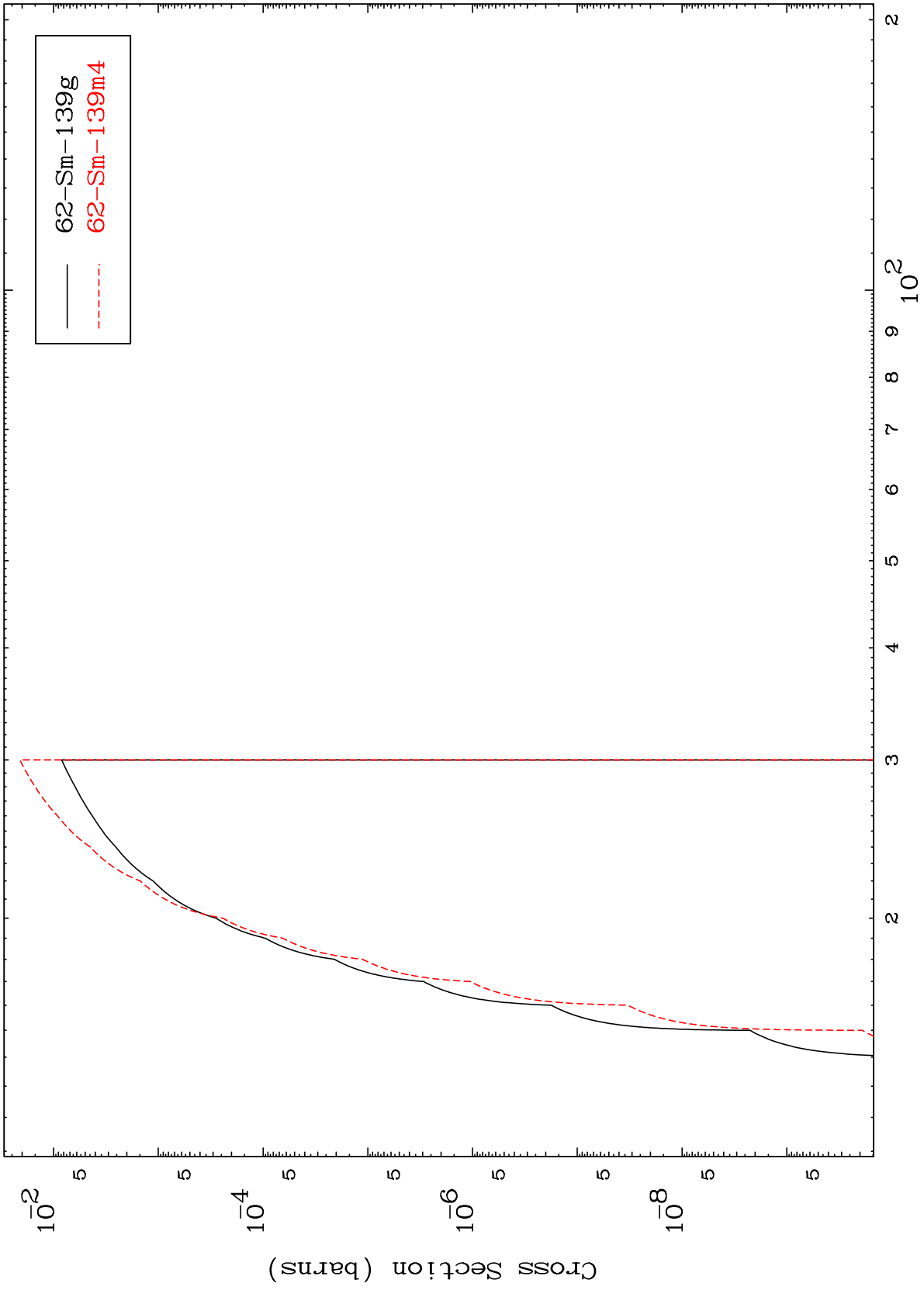
62-Sm-140

MAT 6213

(d,n') d

62-Sm-140

Radionuclide Production Cross Section



16

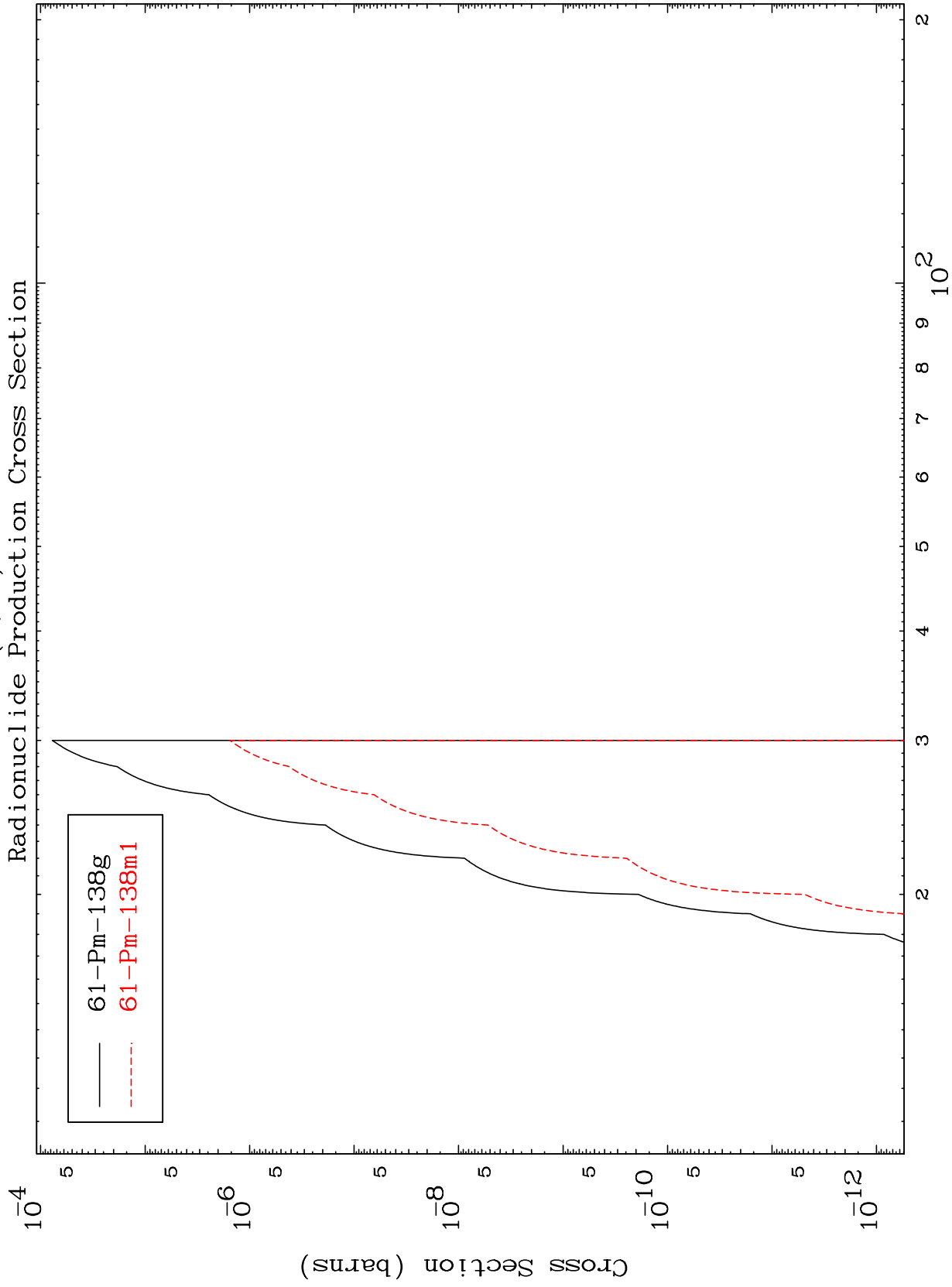
Incident Energy (MeV)

62-Sm-140

MAT 6213

(d, n') He-3

62-Sm-140



17

Incident Energy (MeV)

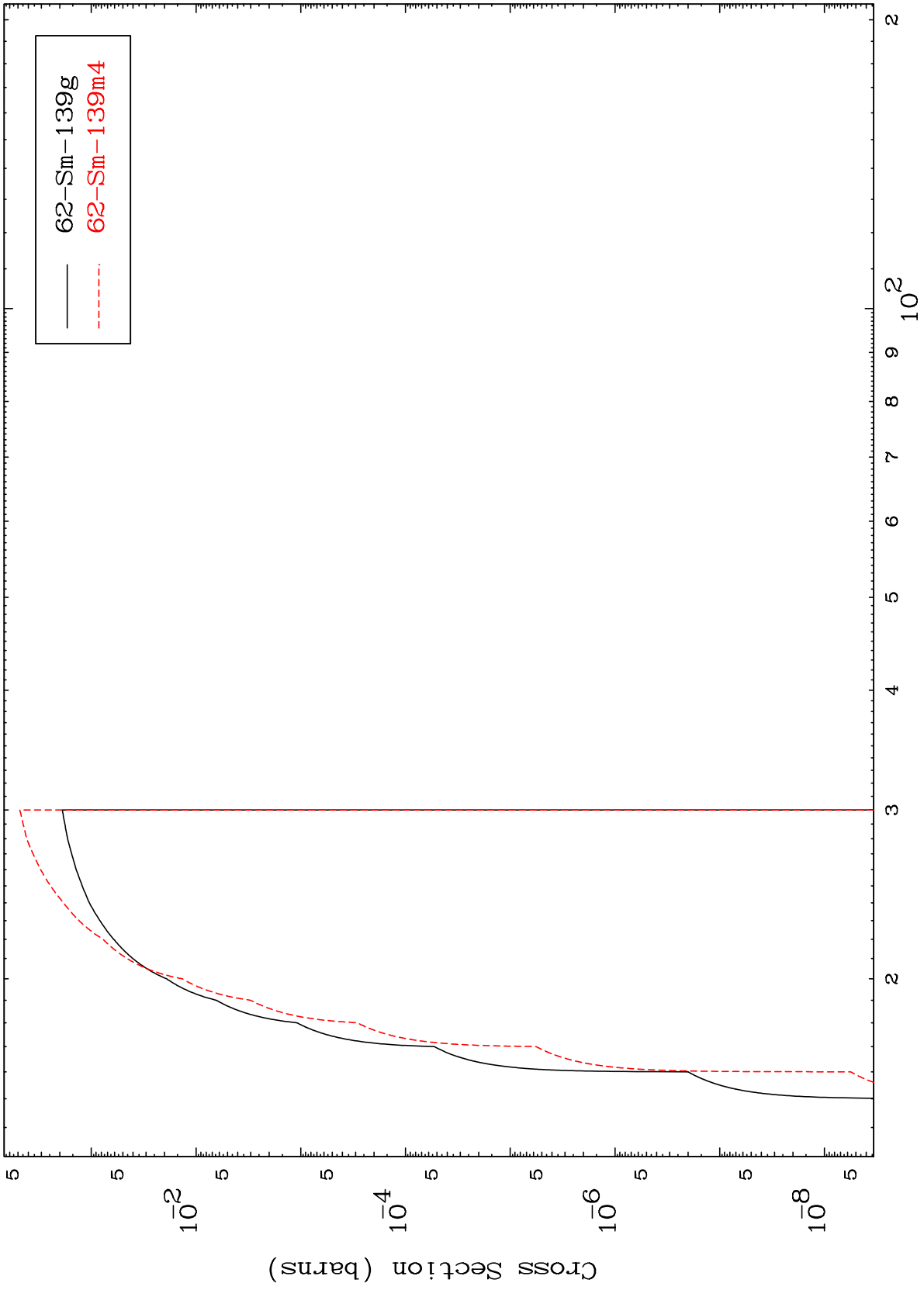
62-Sm-140

MAT 6213

(d,2n) p

62-Sm-140

Radionuclide Production Cross Section



18

Incident Energy (MeV)

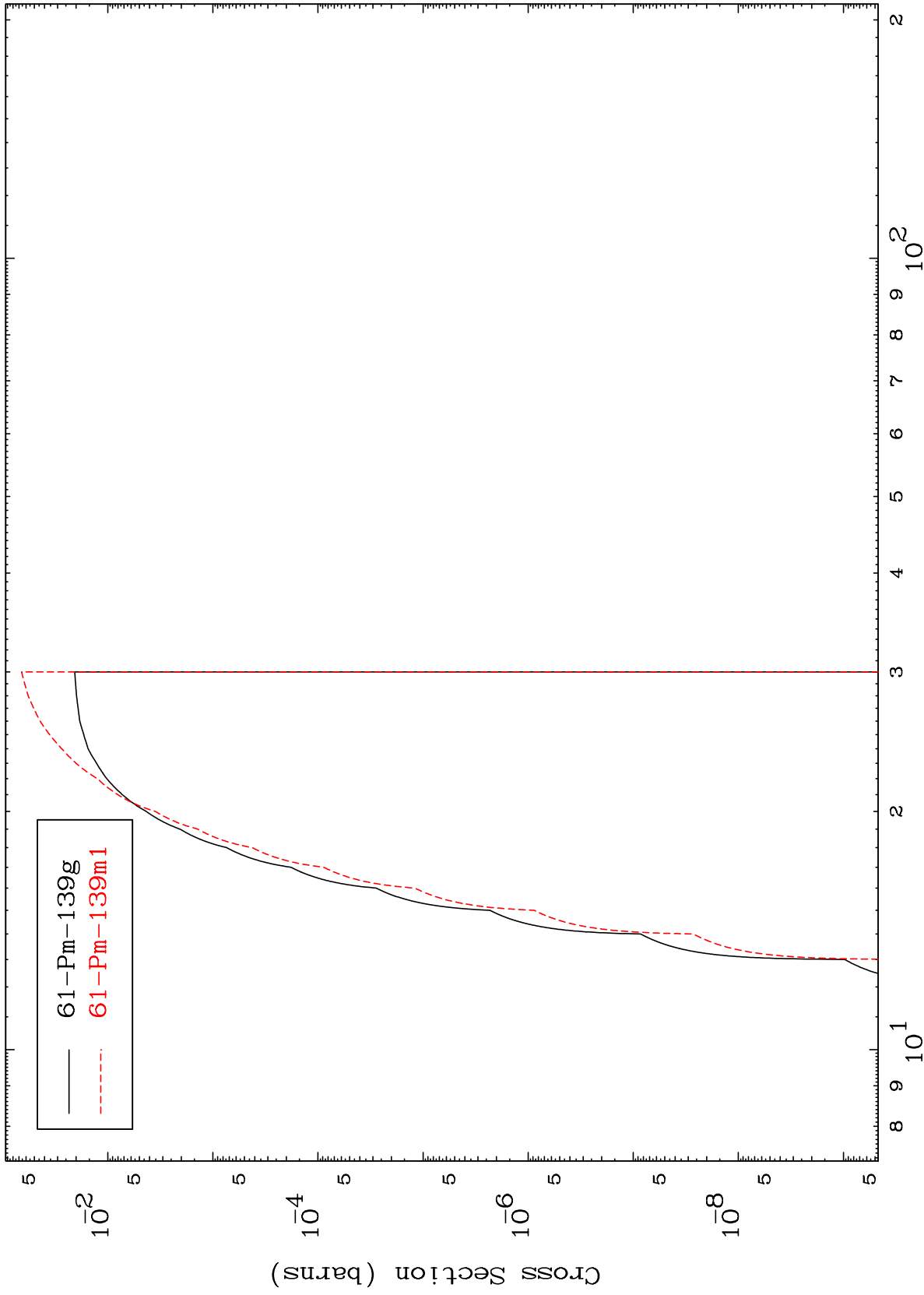
62-Sm-140

MAT 6213

(d,2n) p

62-Sm-140

Radionuclide Production Cross Section



19

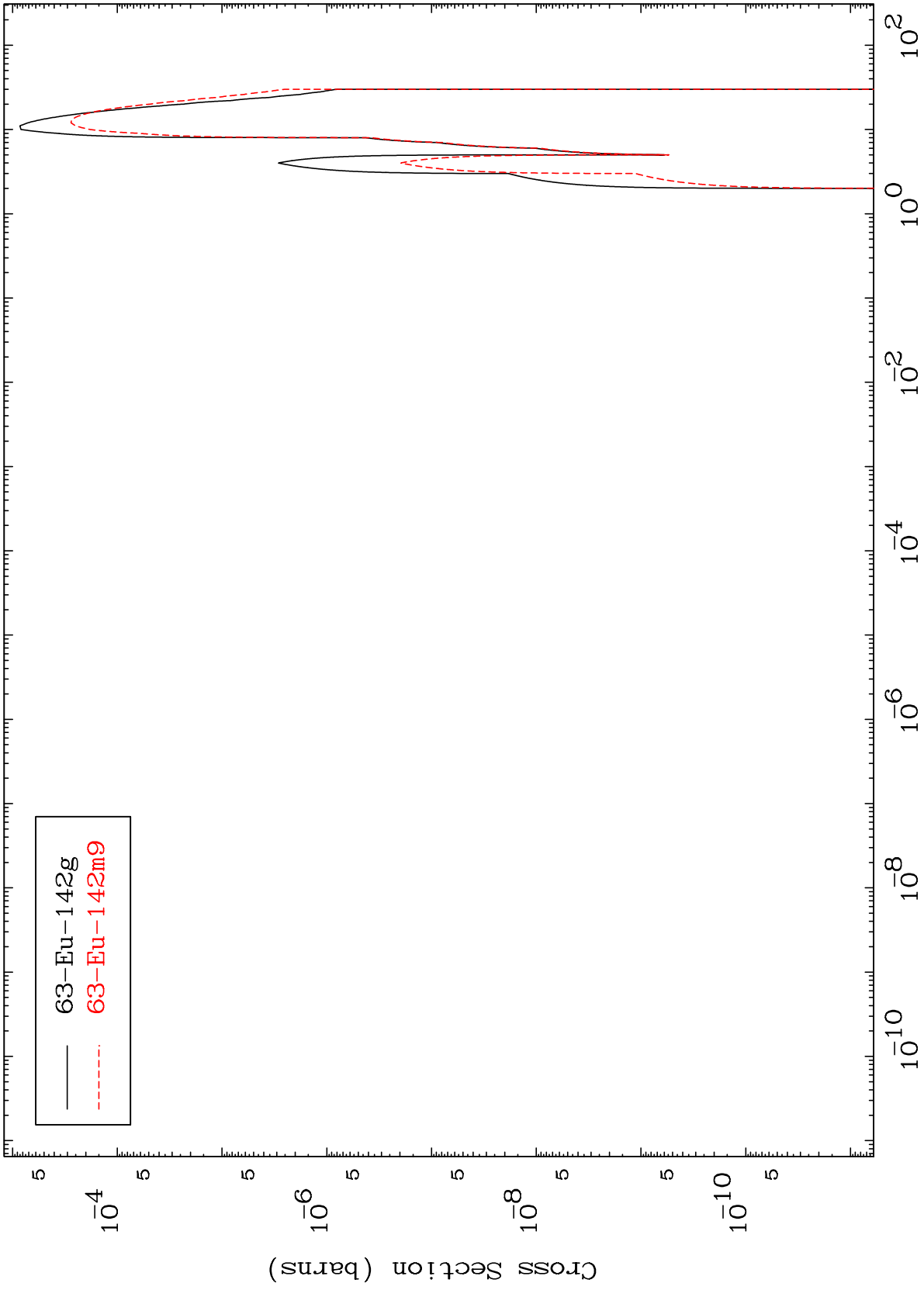
Incident Energy (MeV)

62-Sm-140

MAT 6213

Radionuclide Production Cross Section
(d, γ)

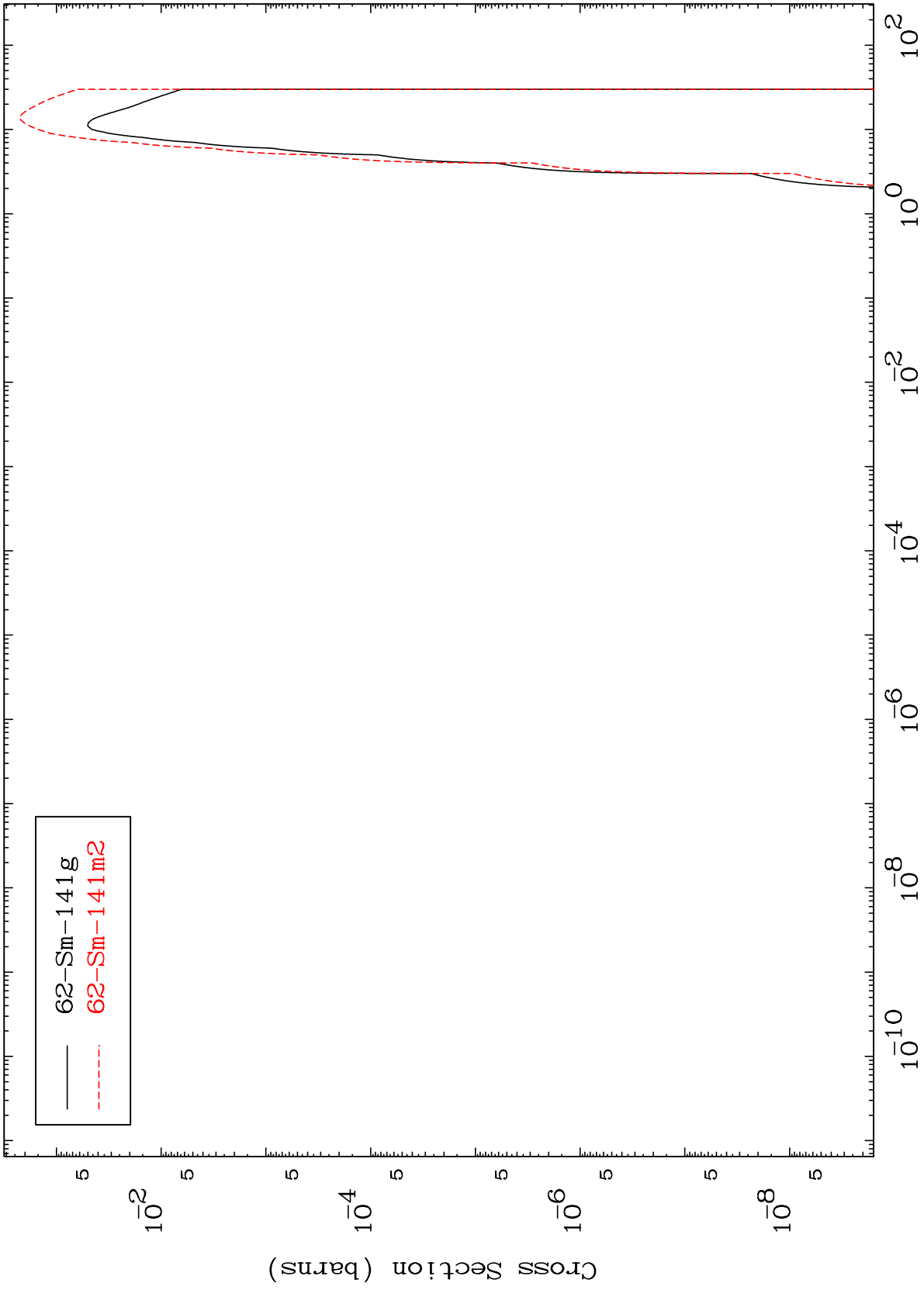
62-Sm-140



MAT 6213

(d,p)
Radionuclide Production Cross Section

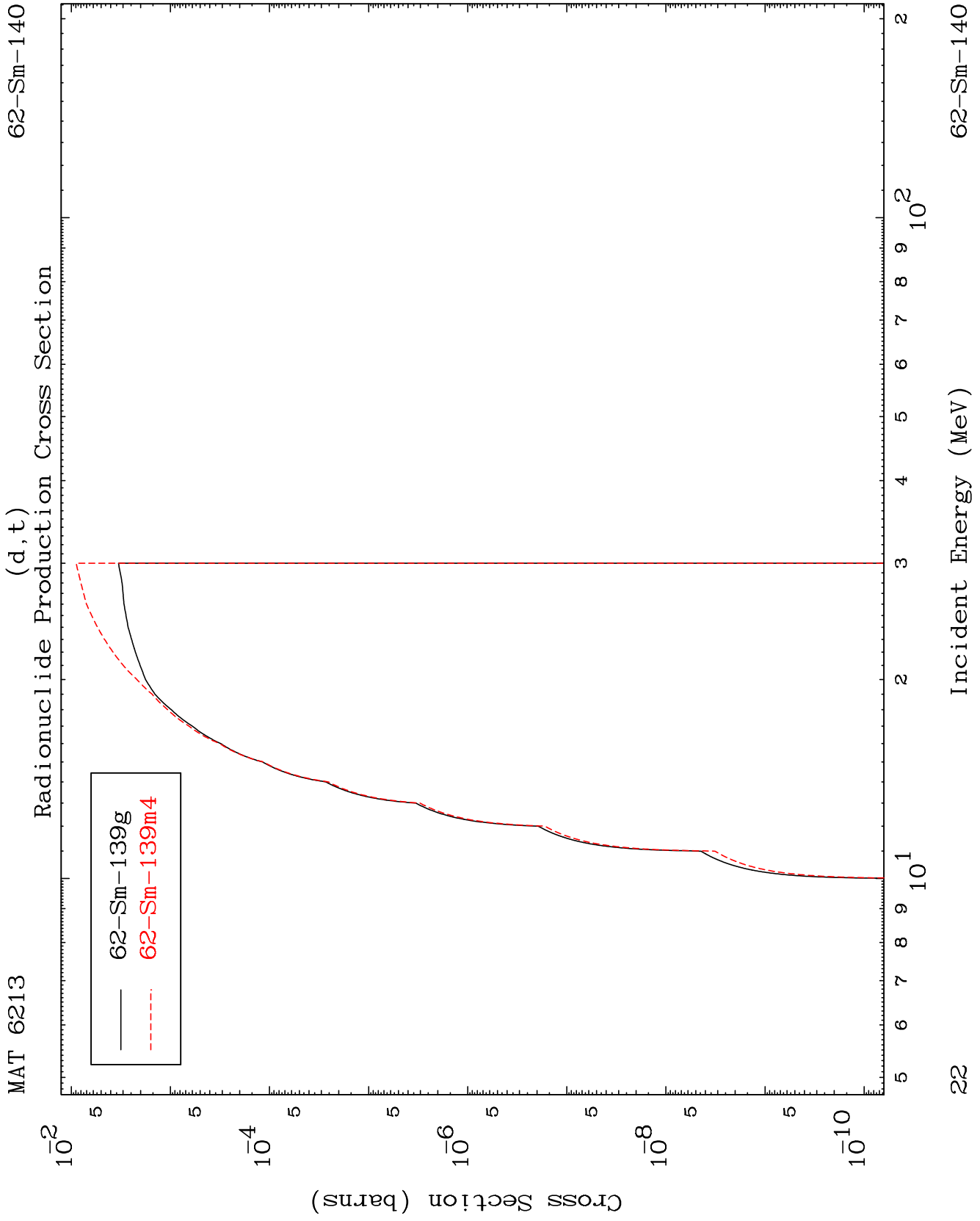
62-Sm-140



21

Incident Energy (MeV)

62-Sm-140

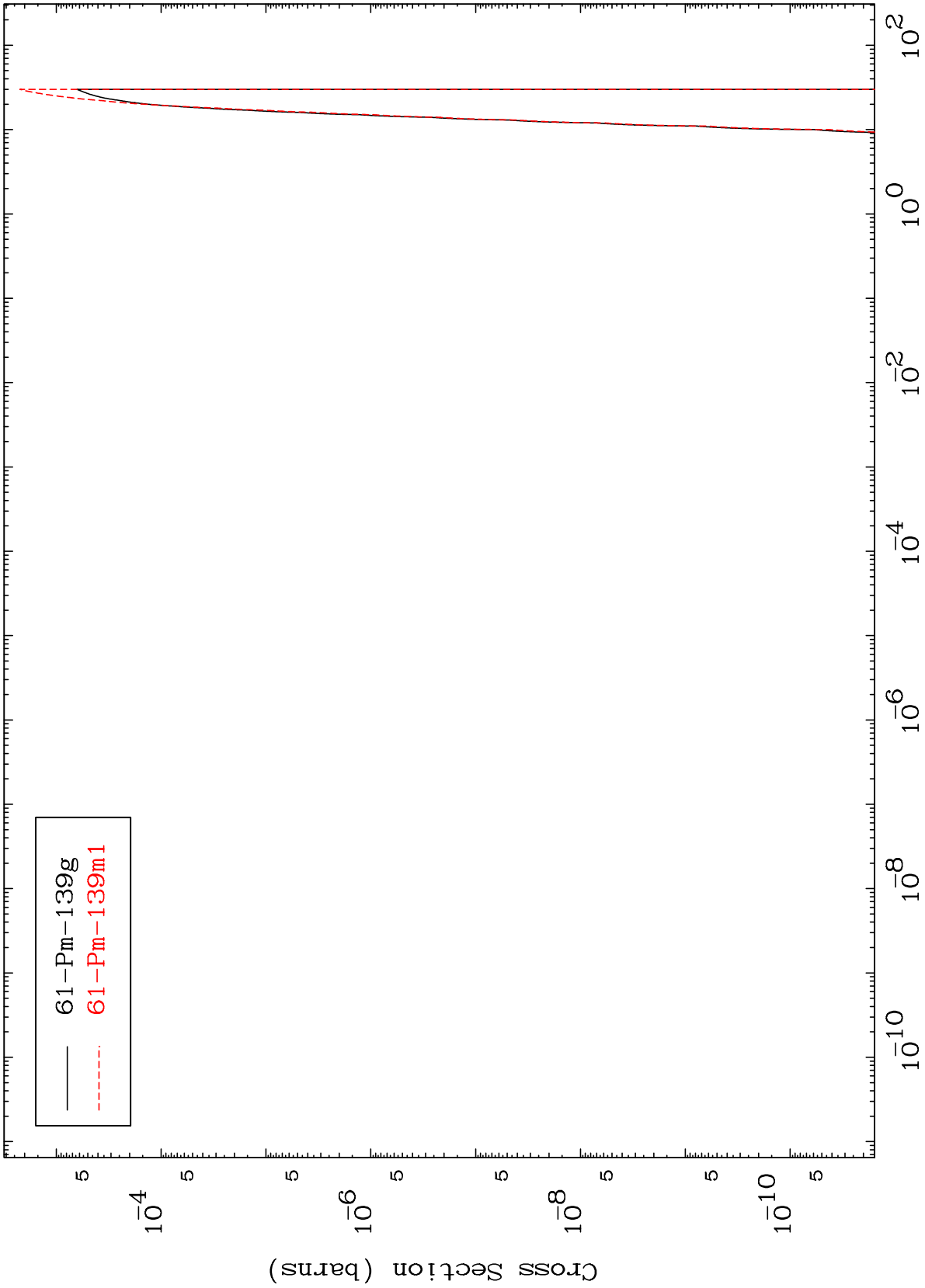


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(d, He-3)

62-Sm-140

Radionuclide Production Cross Section



23

Incident Energy (MeV)

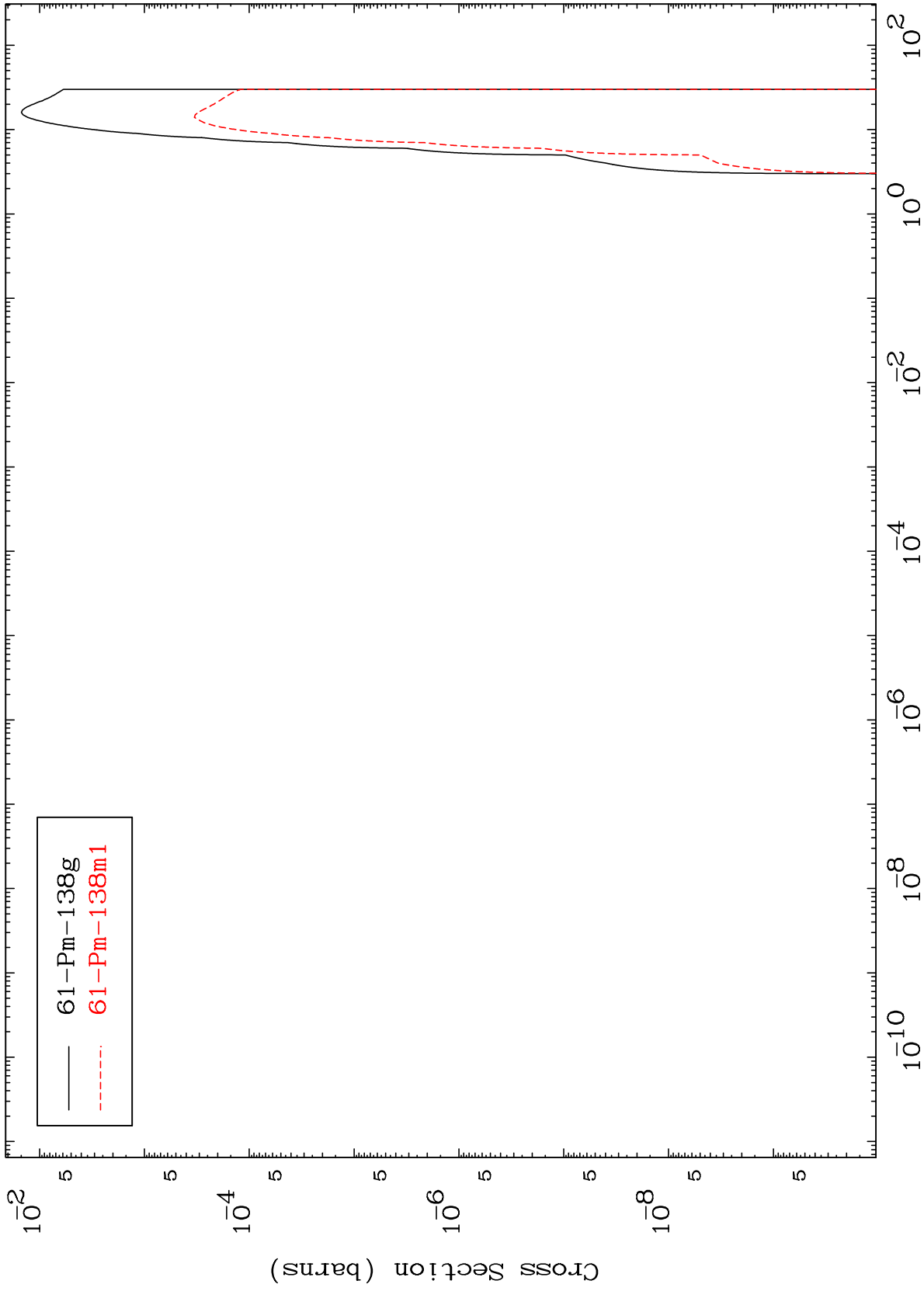
62-Sm-140

MAT 6213

(d, α)

62-Sm-140

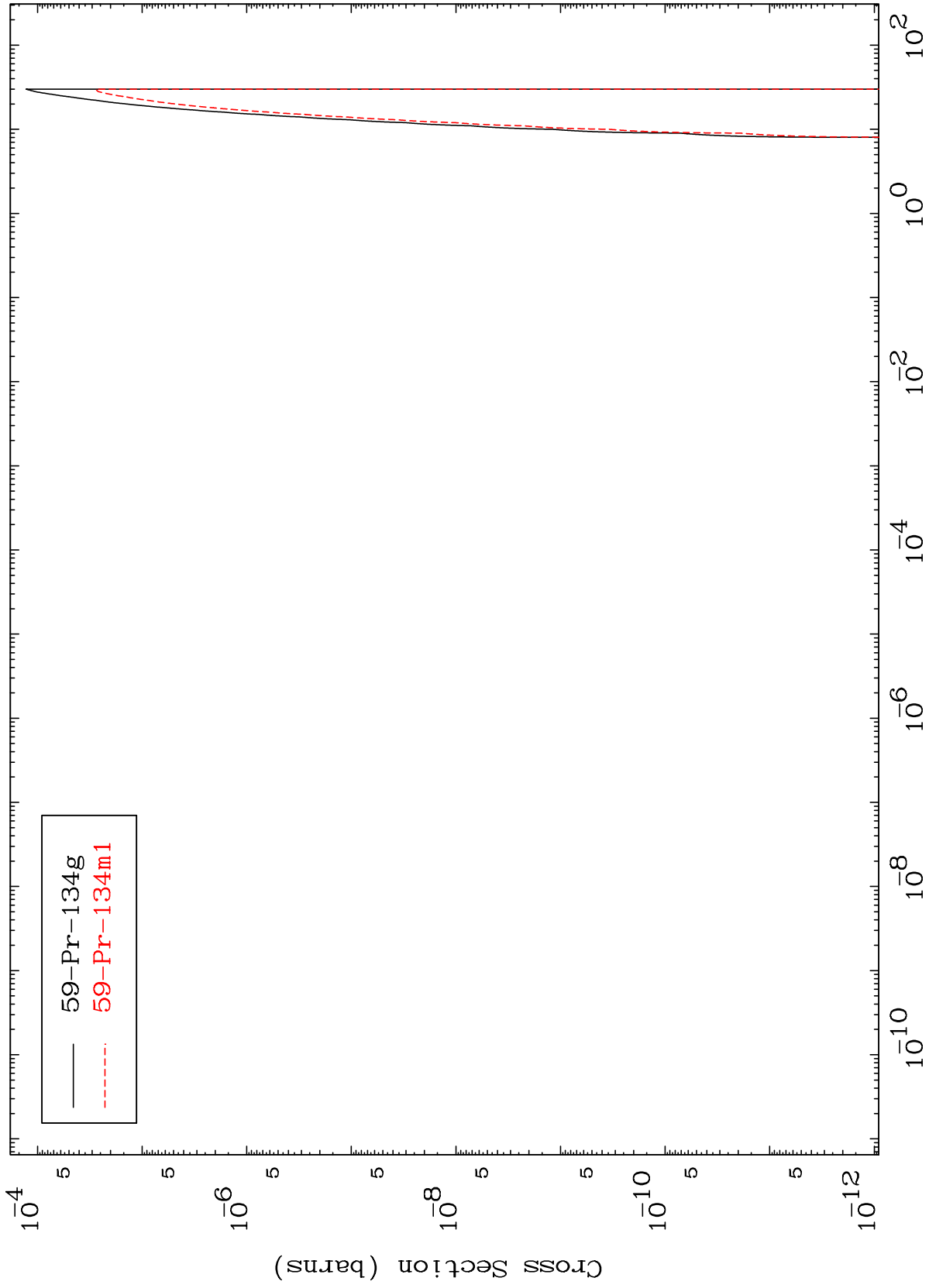
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(d,2 α)

⁶²Sm-140



25

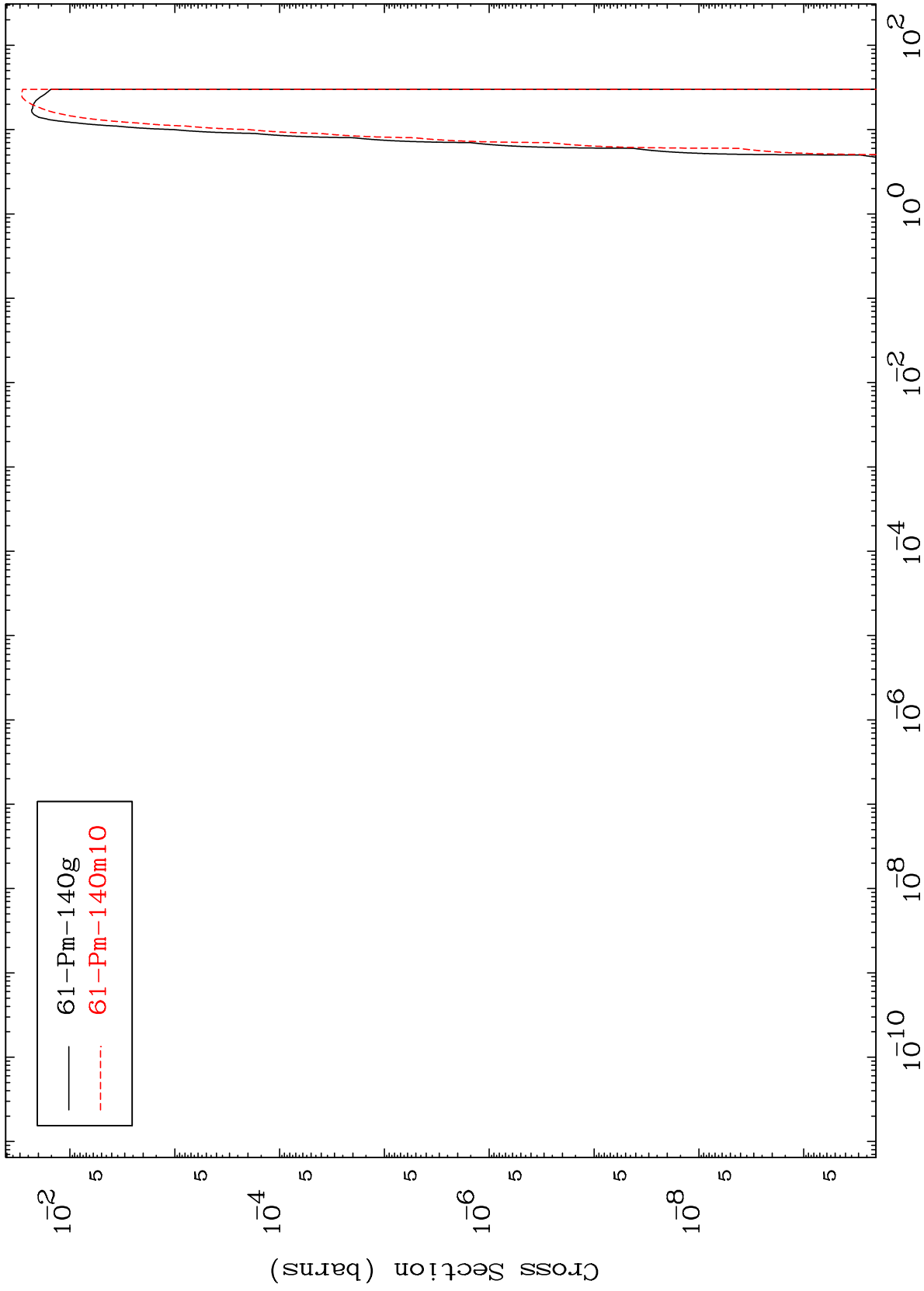
Incident Energy (MeV)

⁶²Sm-140

MAT 6213

(d,2p)
Radionuclide Production Cross Section

⁶²Sm-140



26

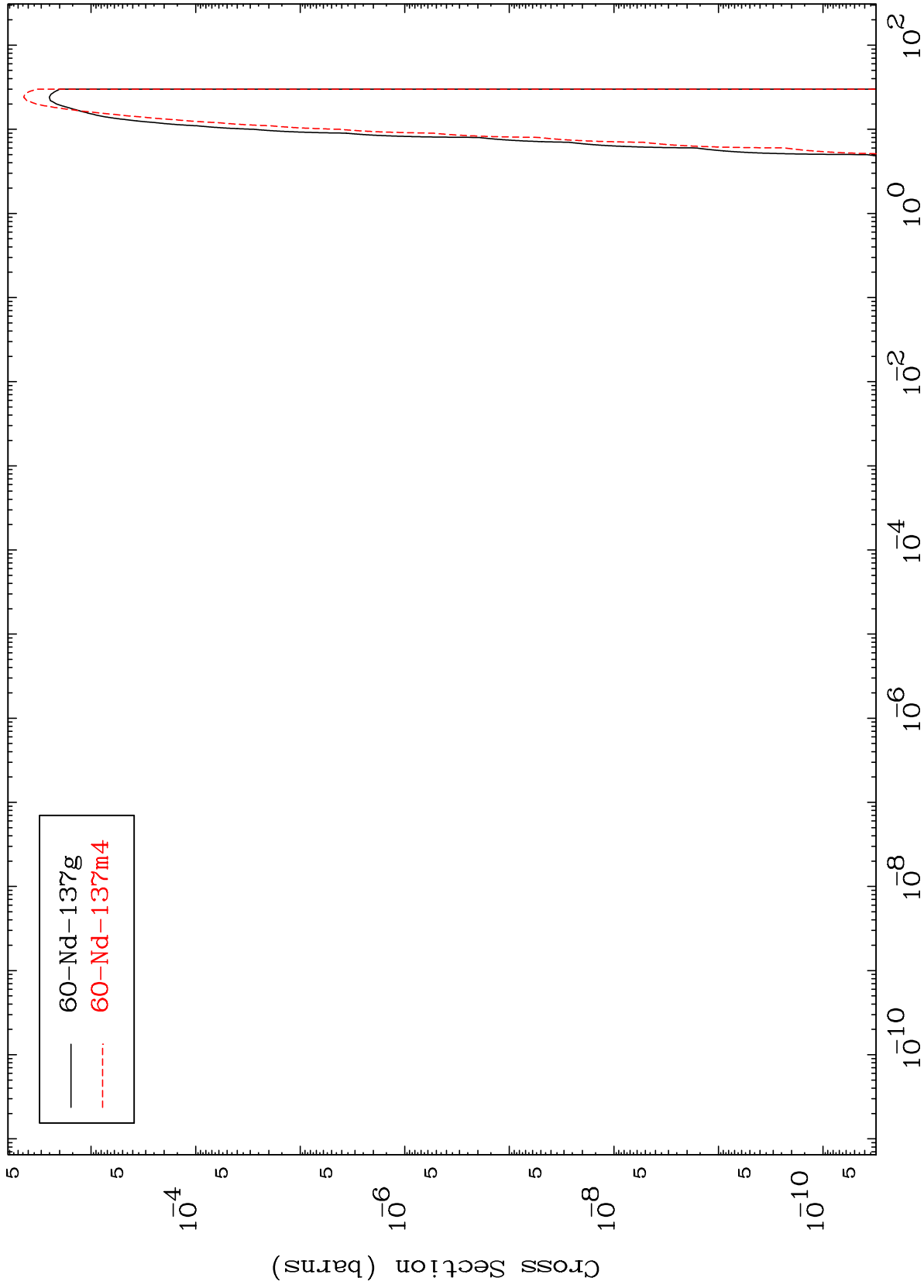
⁶²Sm-140

MAT 6213

(d,p) α

$^{62}\text{Sm-140}$

Radionuclide Production Cross Section



27

Incident Energy (MeV)

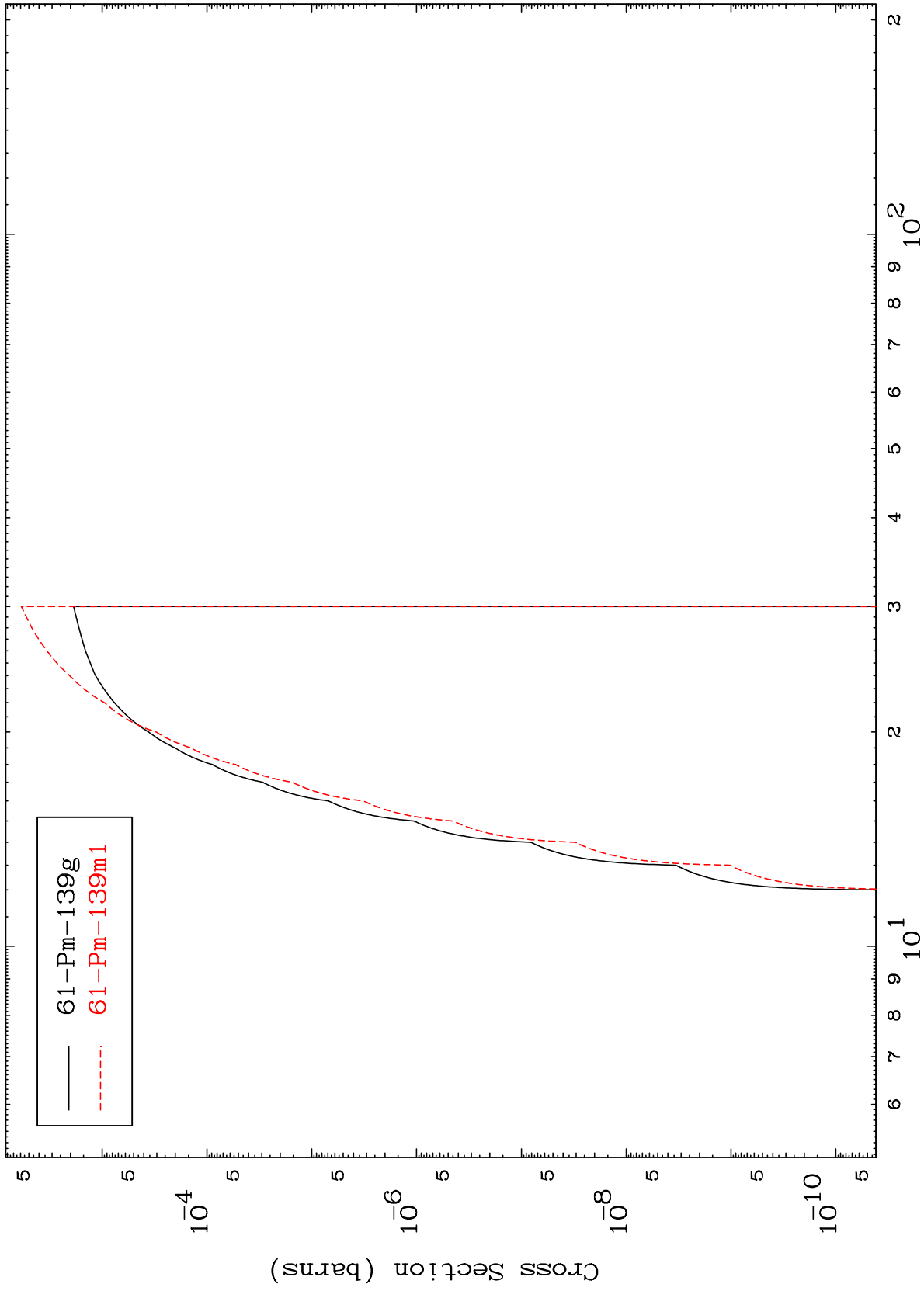
$^{62}\text{Sm-140}$

MAT 6213

(d,p) d

62-Sm-140

Radionuclide Production Cross Section



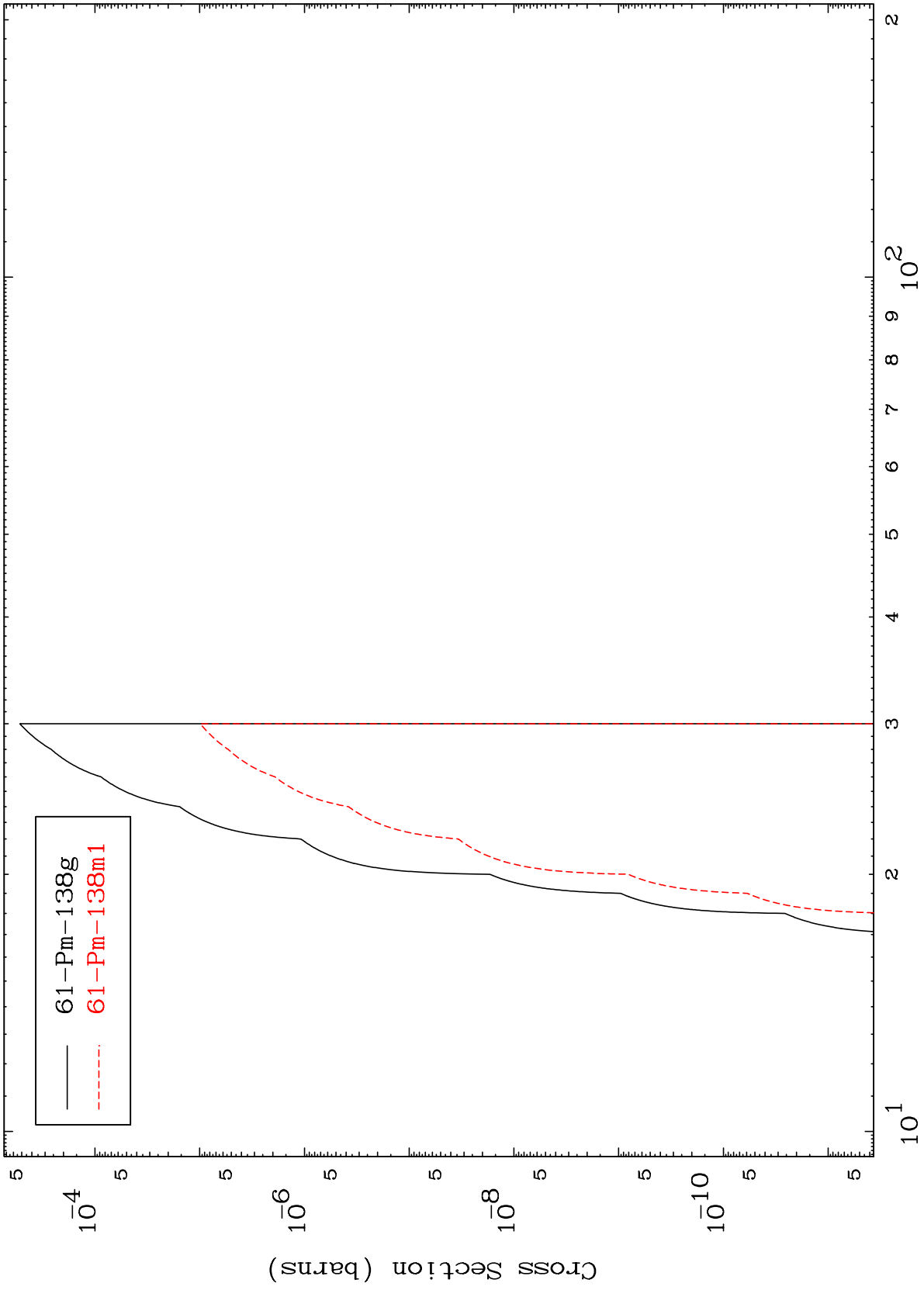
28

MAT 6213

(d,p) t

62-Sm-140

Radionuclide Production Cross Section



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