

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

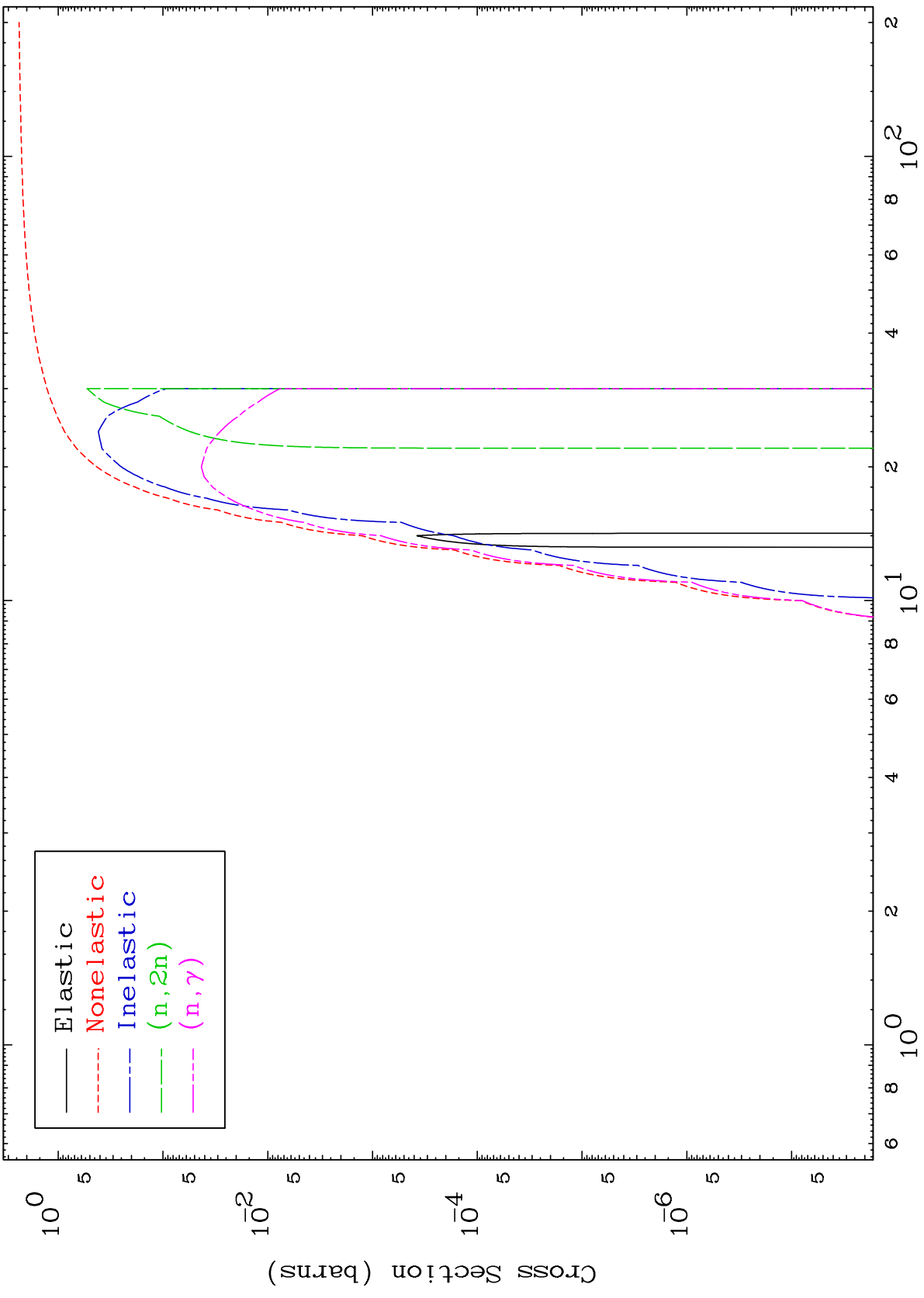
Press Mouse Button to Start

MAT 6216

α Major

62-Sm-141

0 Kelvin Cross Sections



1

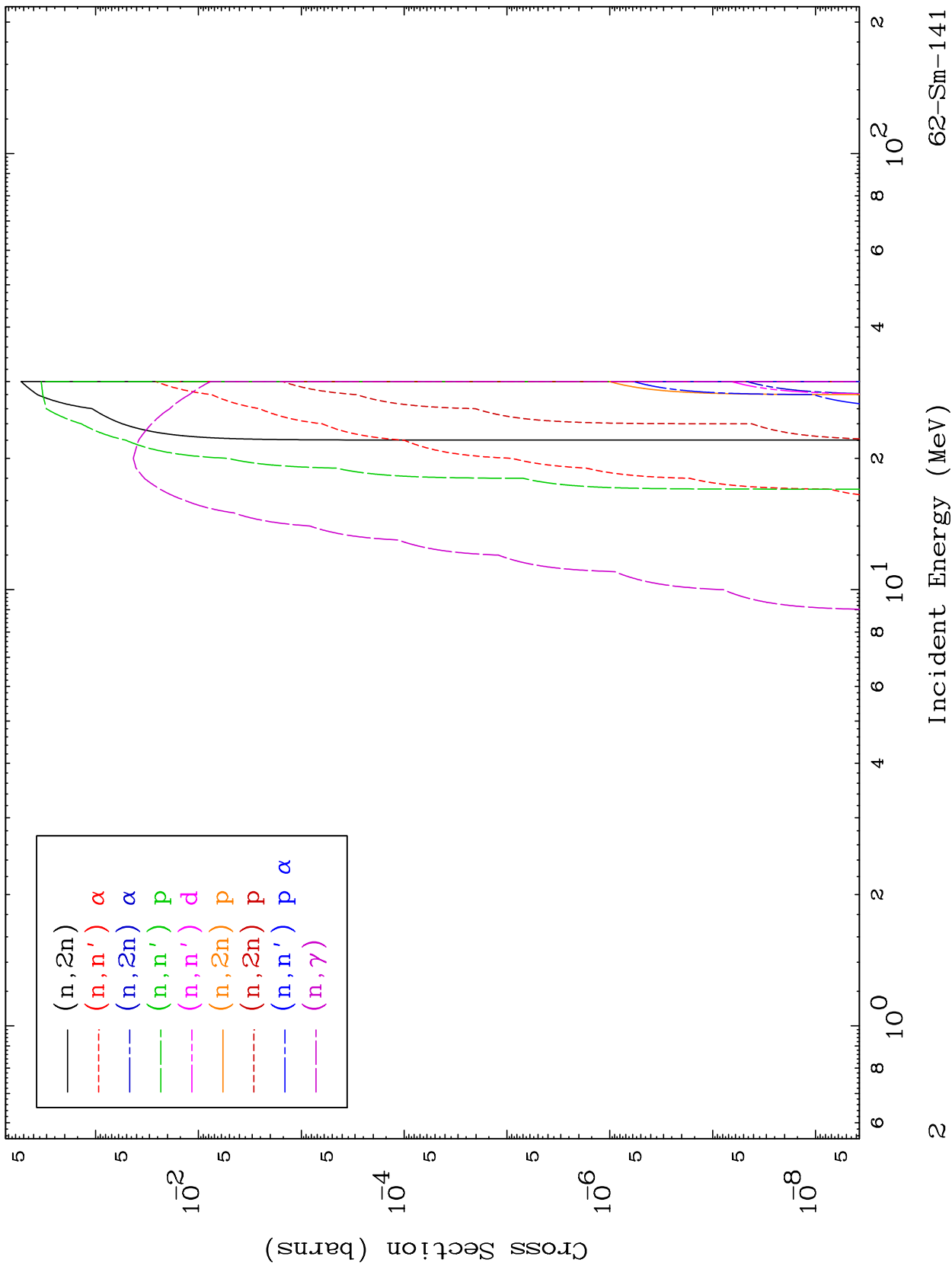
Incident Energy (MeV)

62-Sm-141

MAT 6216

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-141



2

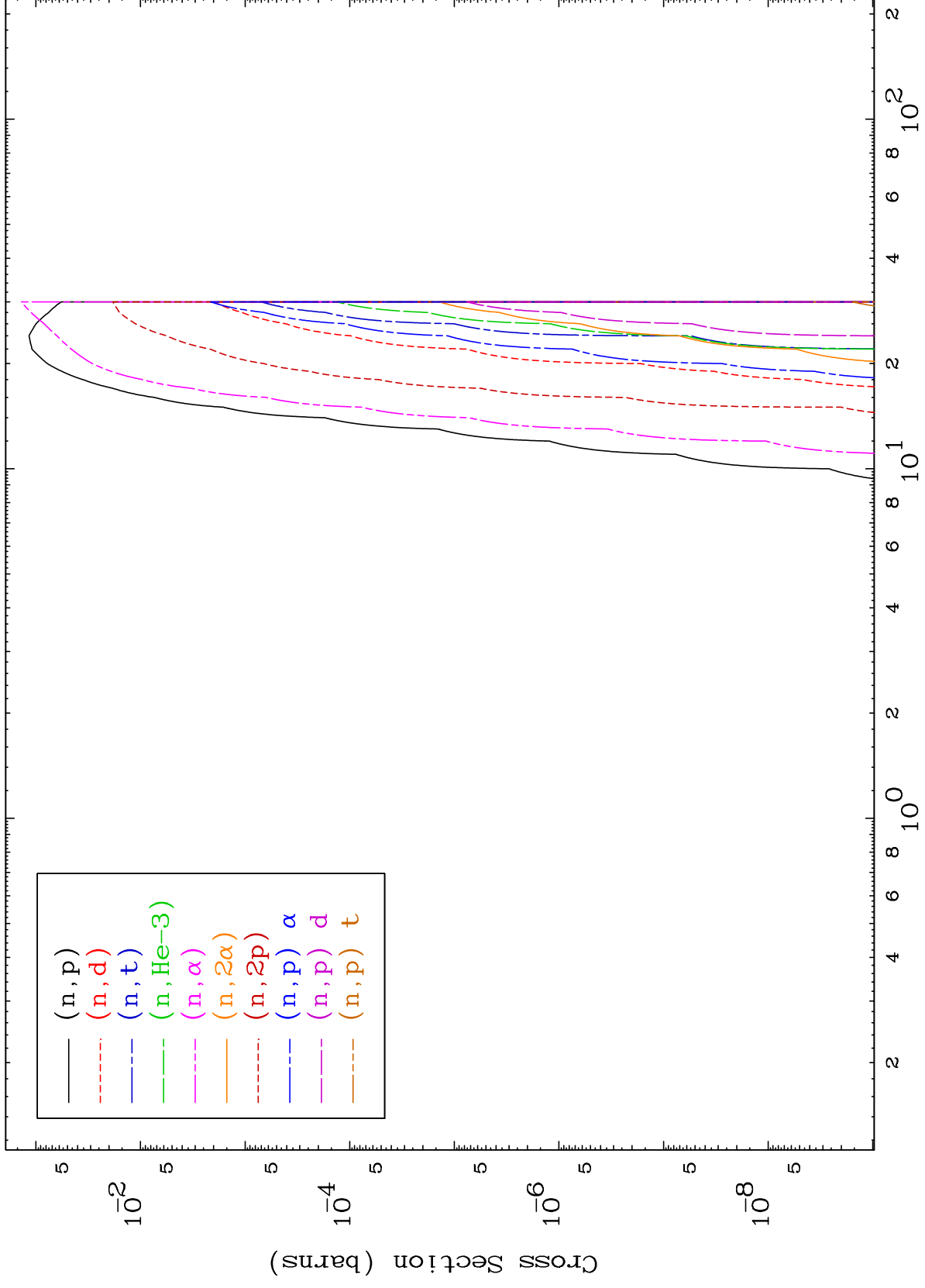
Incident Energy (MeV)

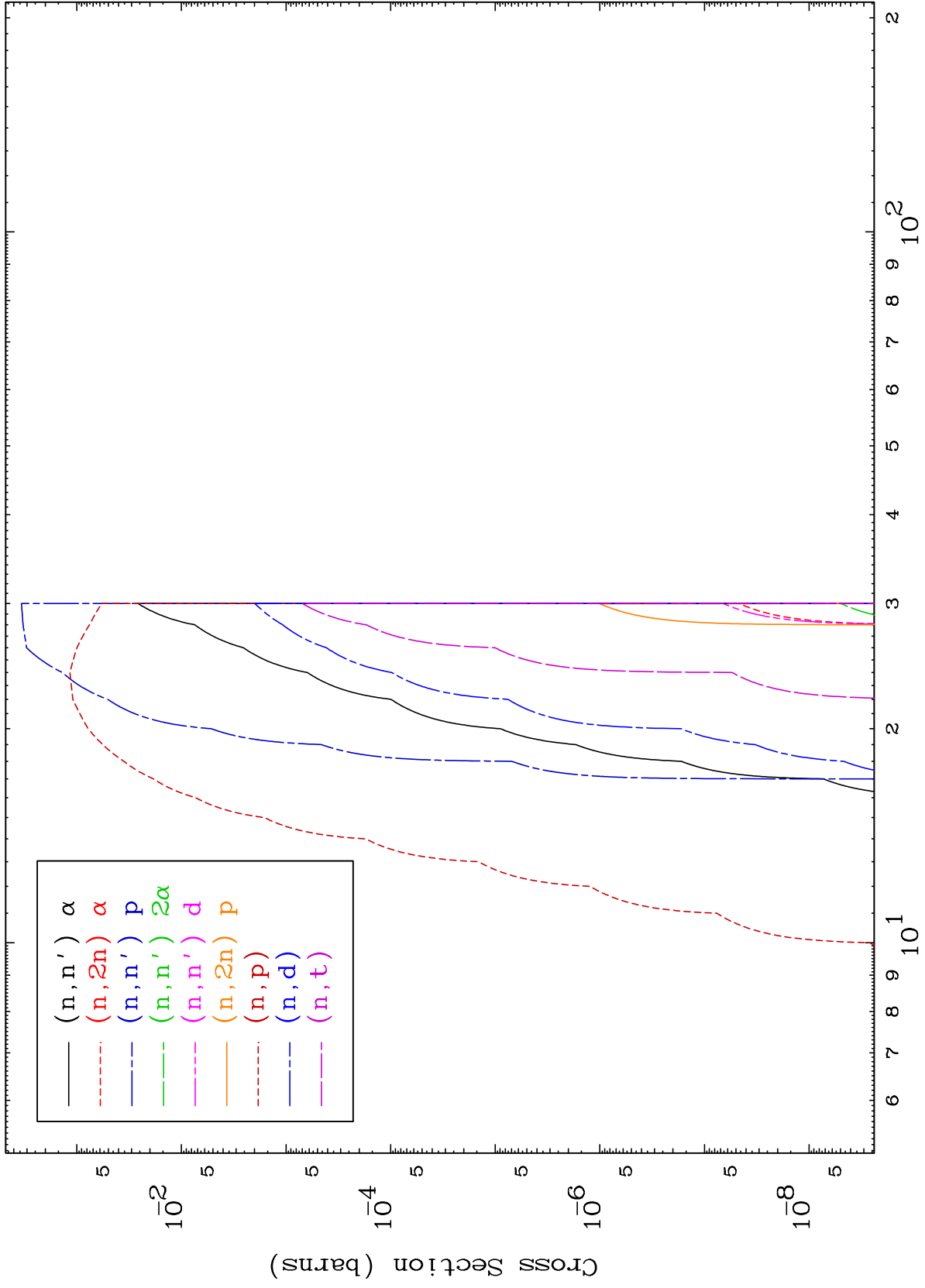
62-Sm-141

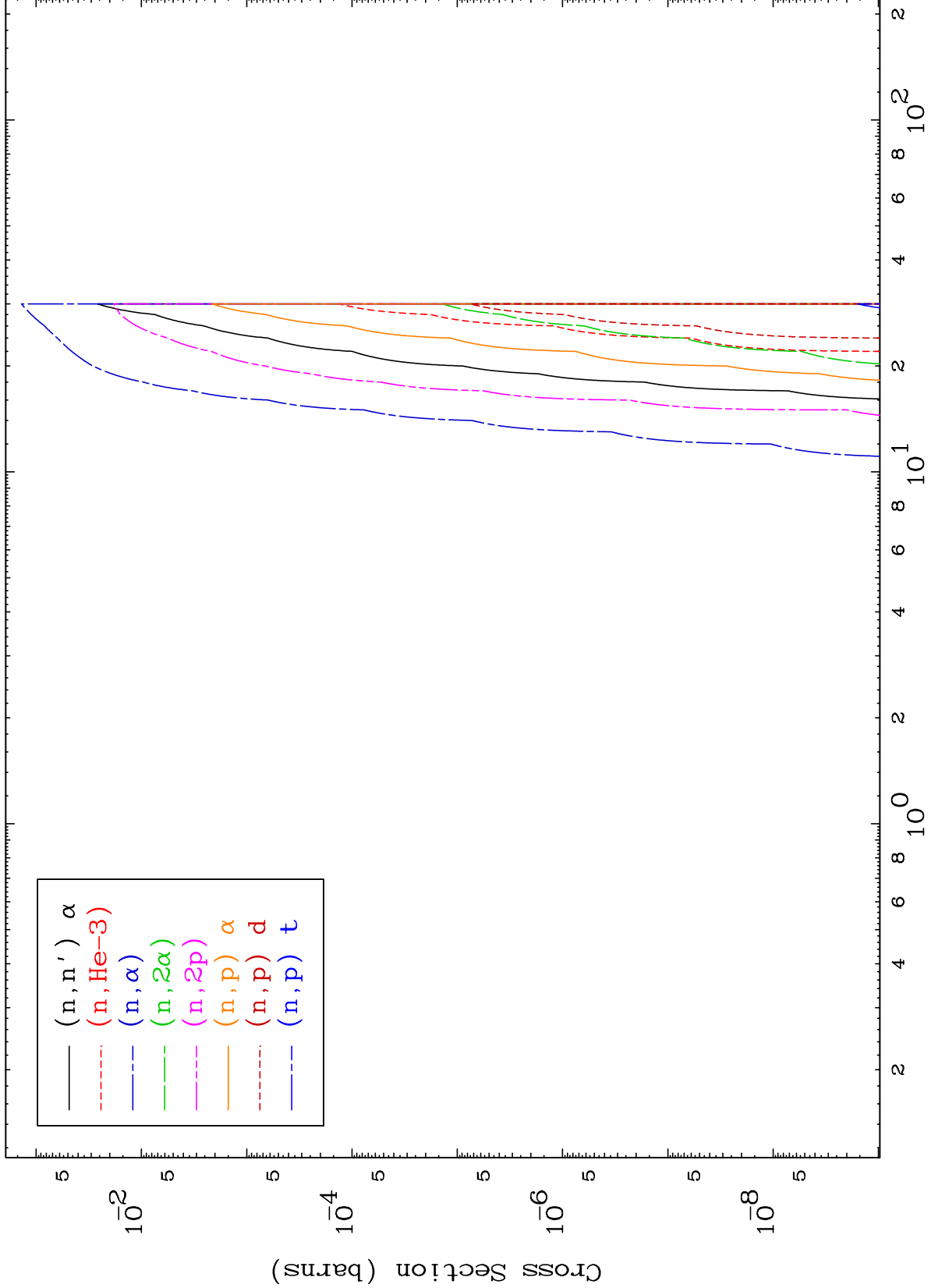
MAT 6216

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-141



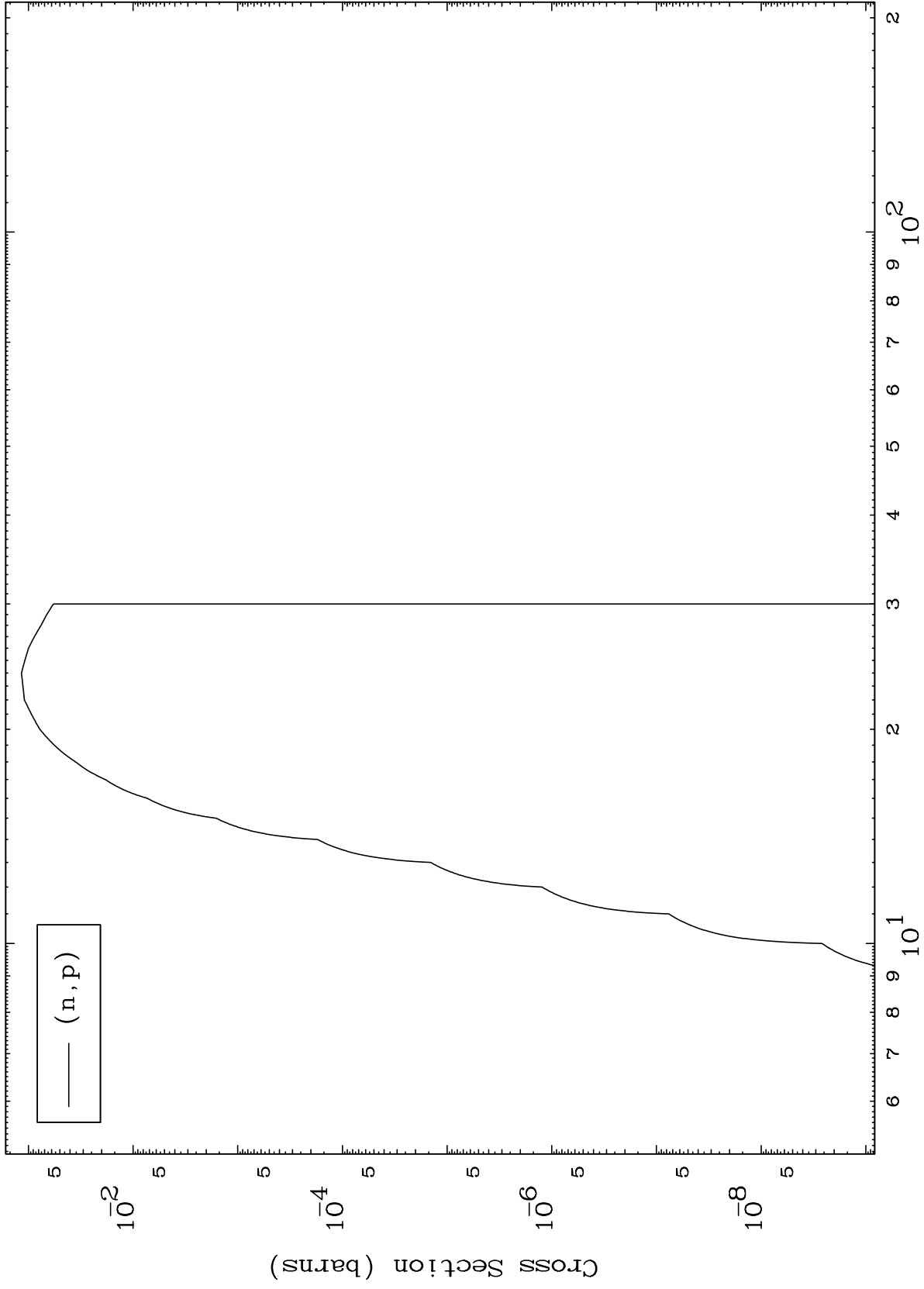




MAT 6216

62-Sm-141

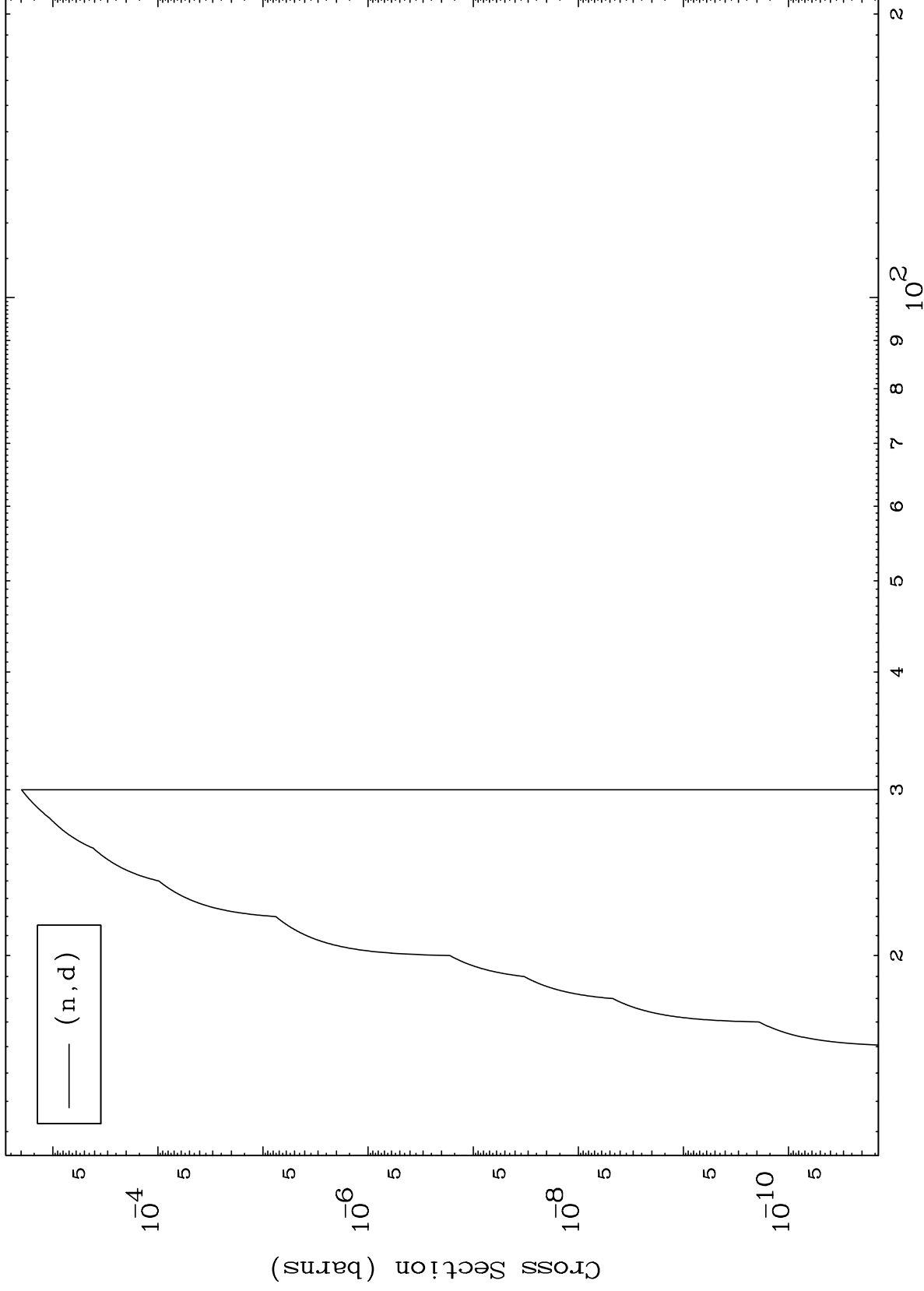
(α, p) Levels
0 Kelvin Cross Sections

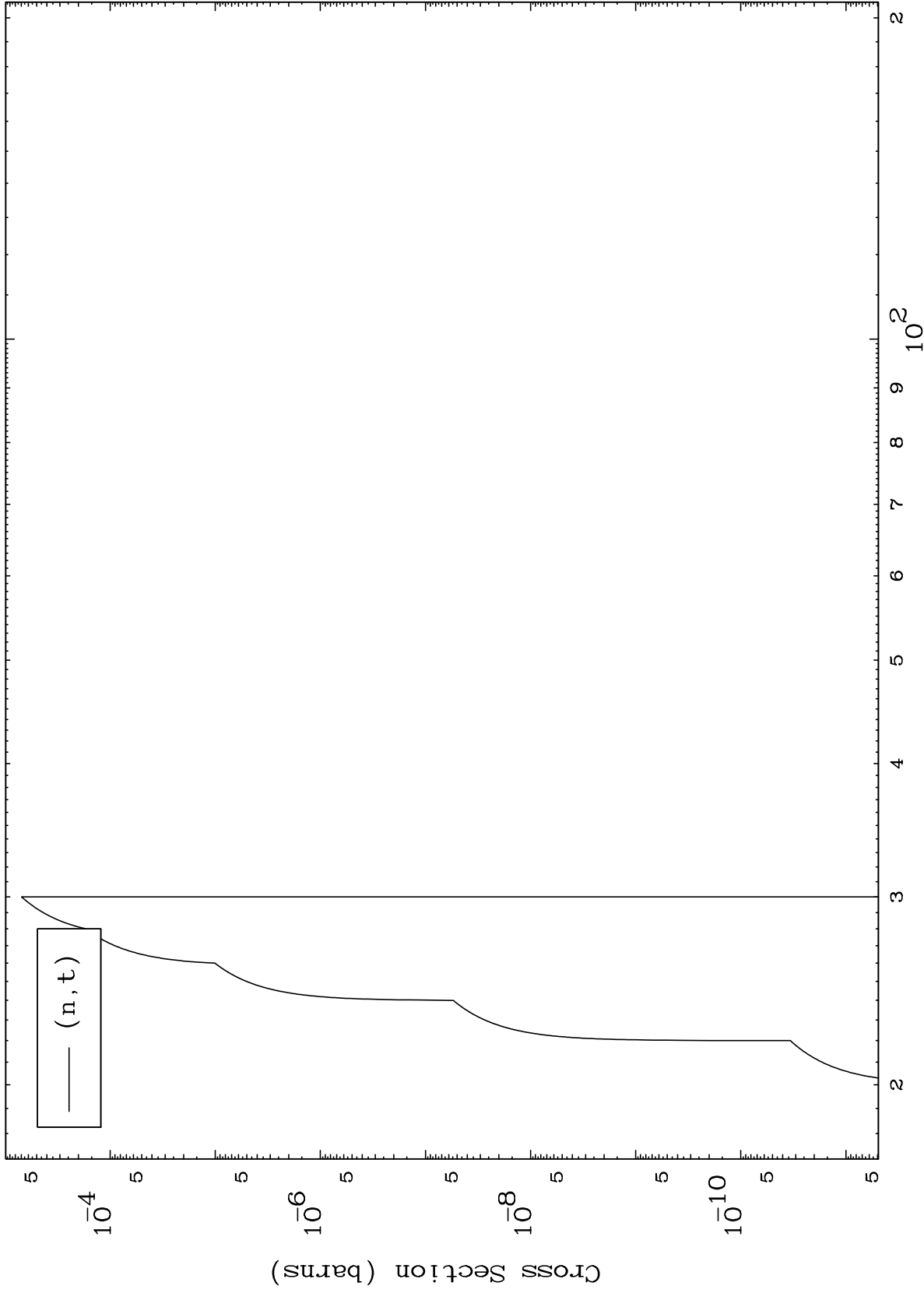


6

Incident Energy (MeV)

62-Sm-141

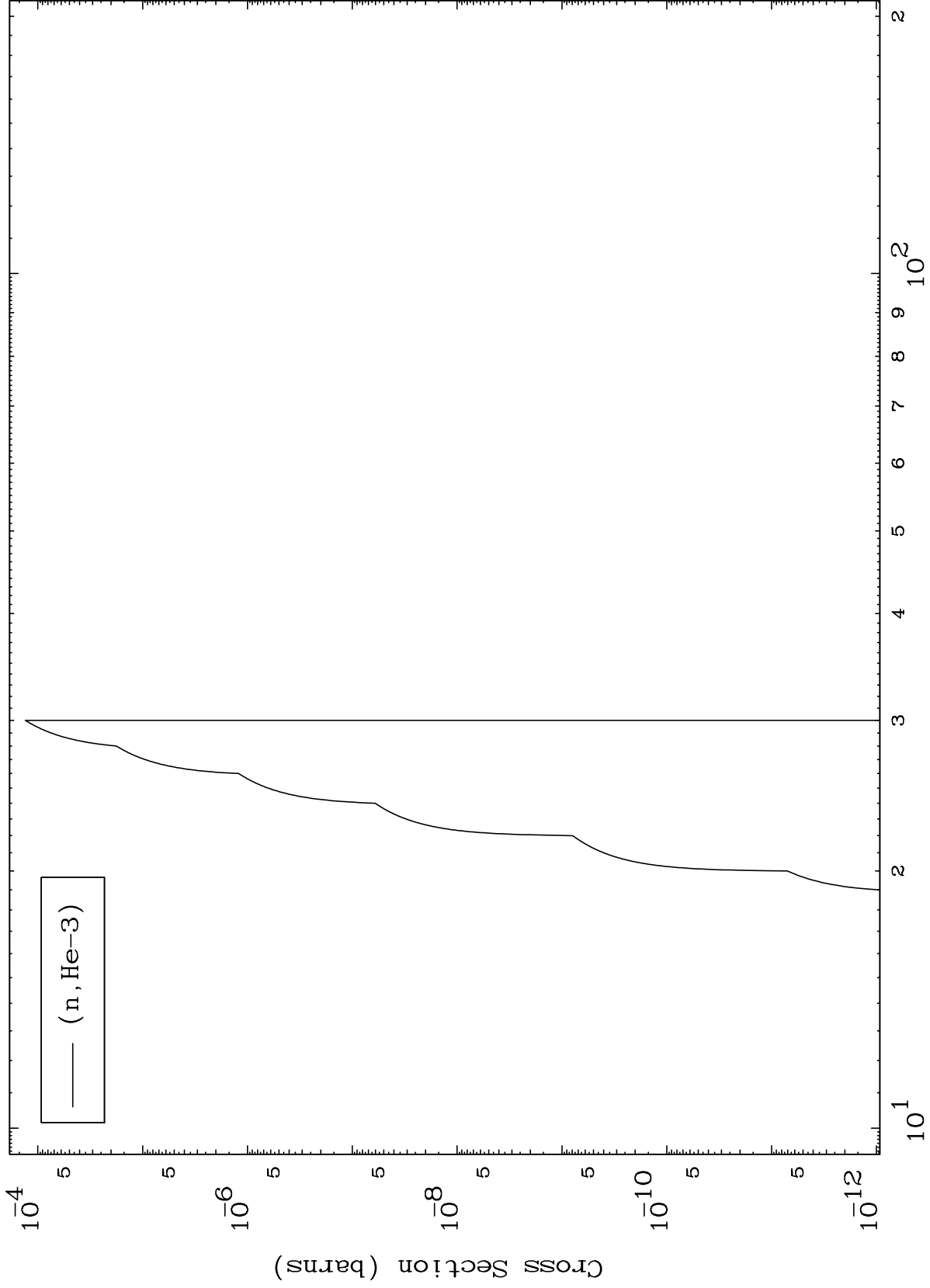




MAT 6216

62-Sm-141

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



62-Sm-141

Incident Energy (MeV)

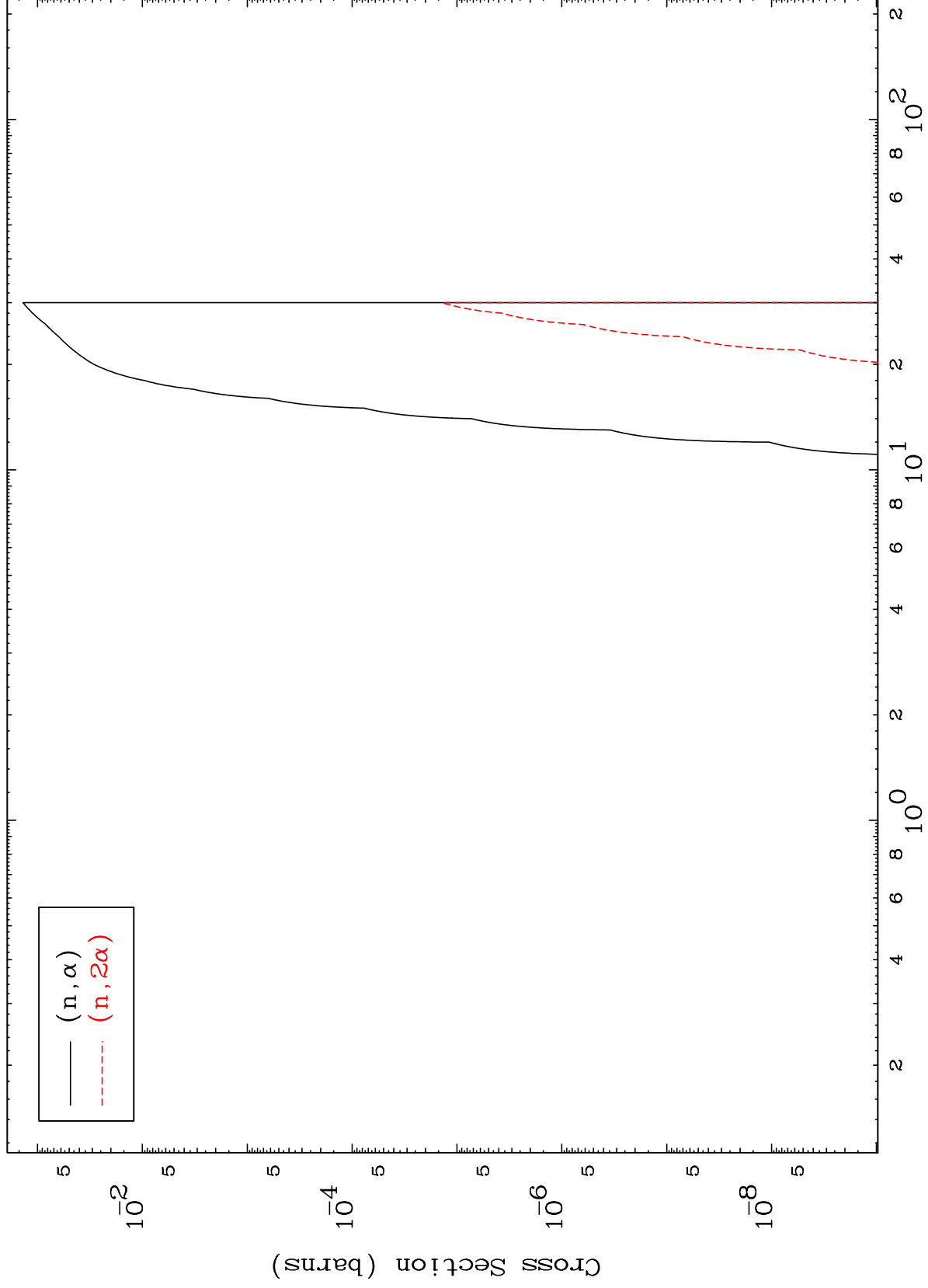
9

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(α, α) Levels

62-Sm-141

0 Kelvin Cross Sections



10

Incident Energy (MeV)

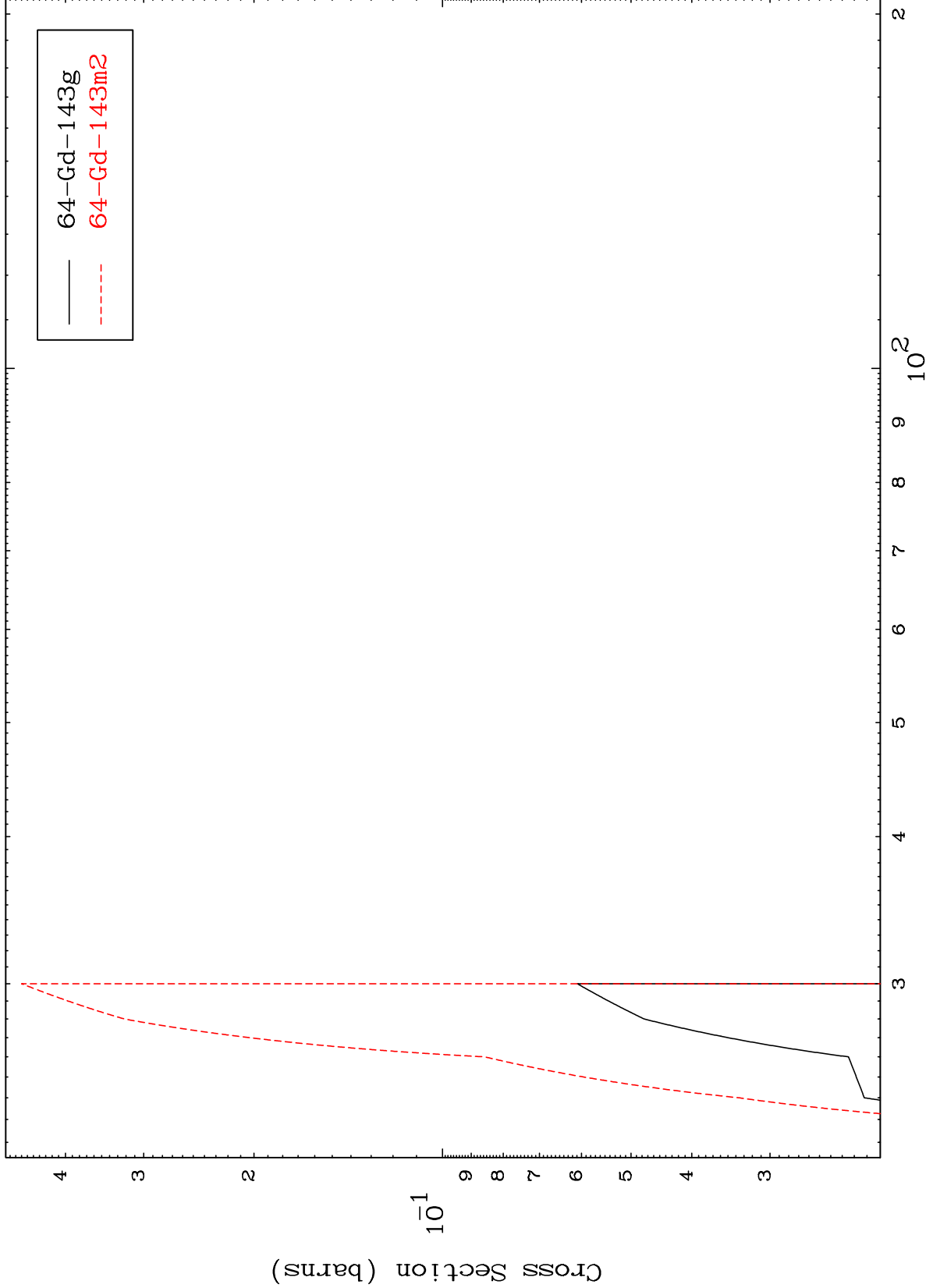
62-Sm-141

MAT 6216

(n,2n)

62-Sm-141

Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

11

Incident Energy (MeV)

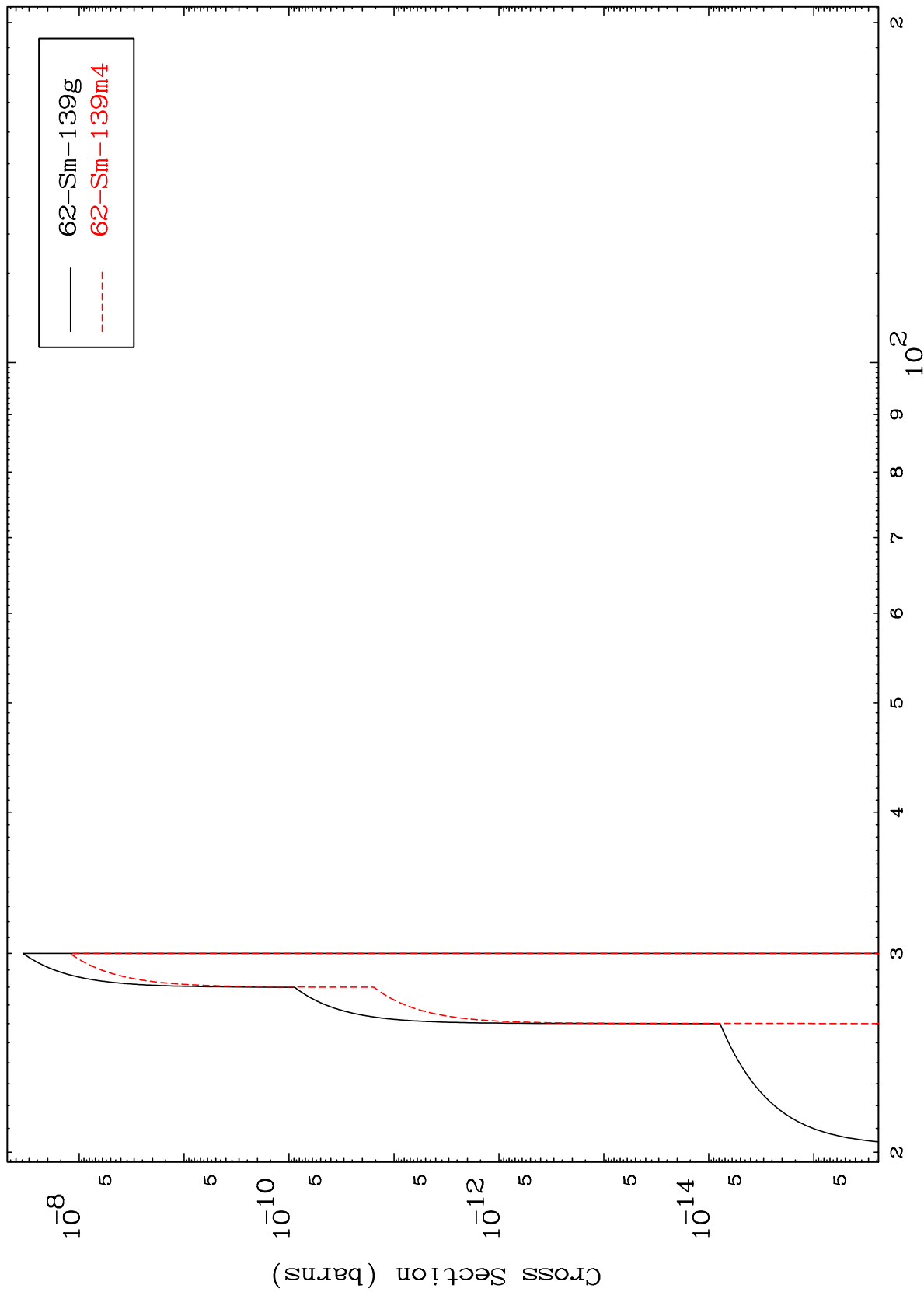
62-Sm-141

MAT 6216

$(n,2n) \alpha$

62-Sm-141

Radionuclide Production Cross Section

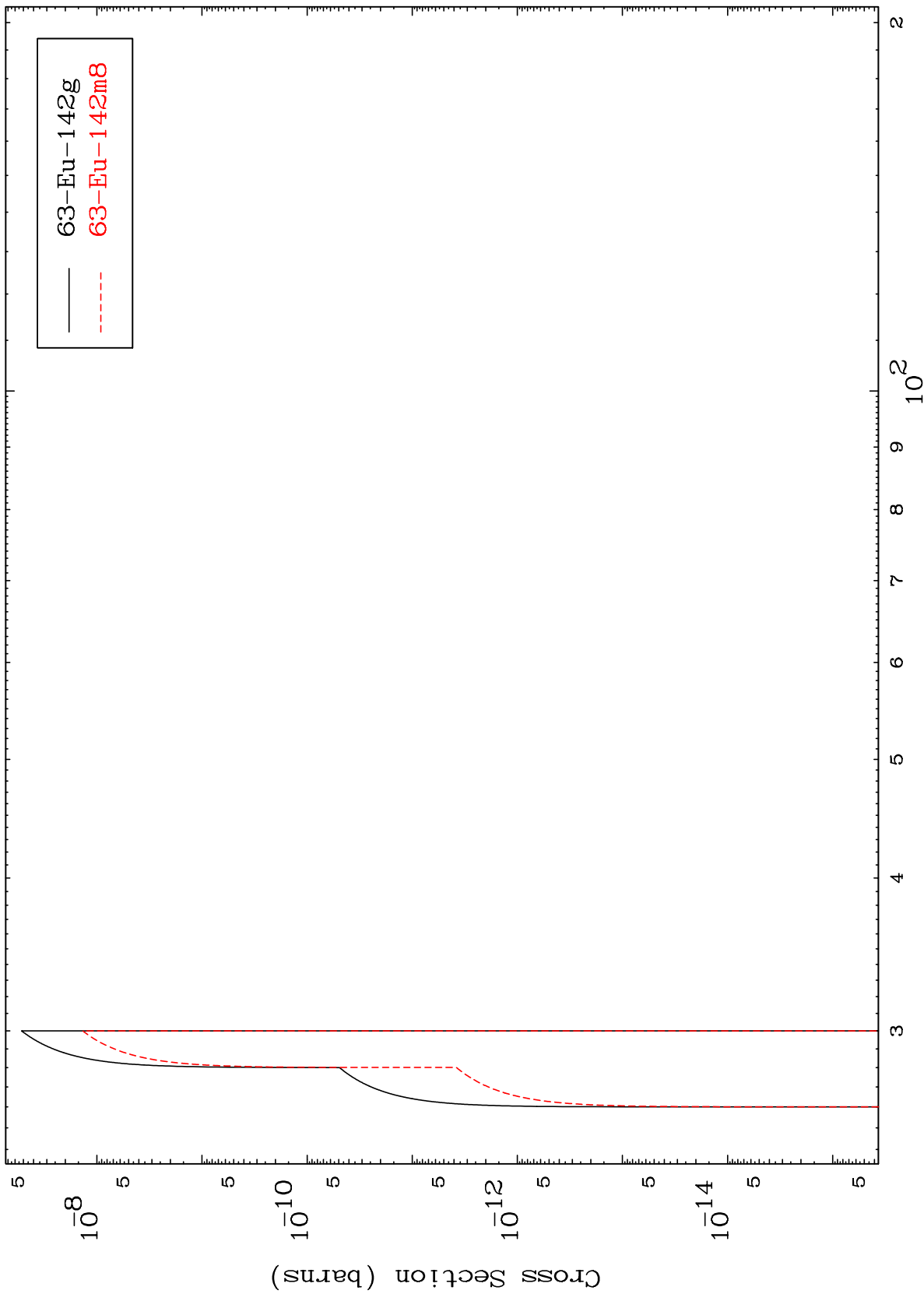


12

Incident Energy (MeV)

62-Sm-141

Radionuclide Production Cross Section

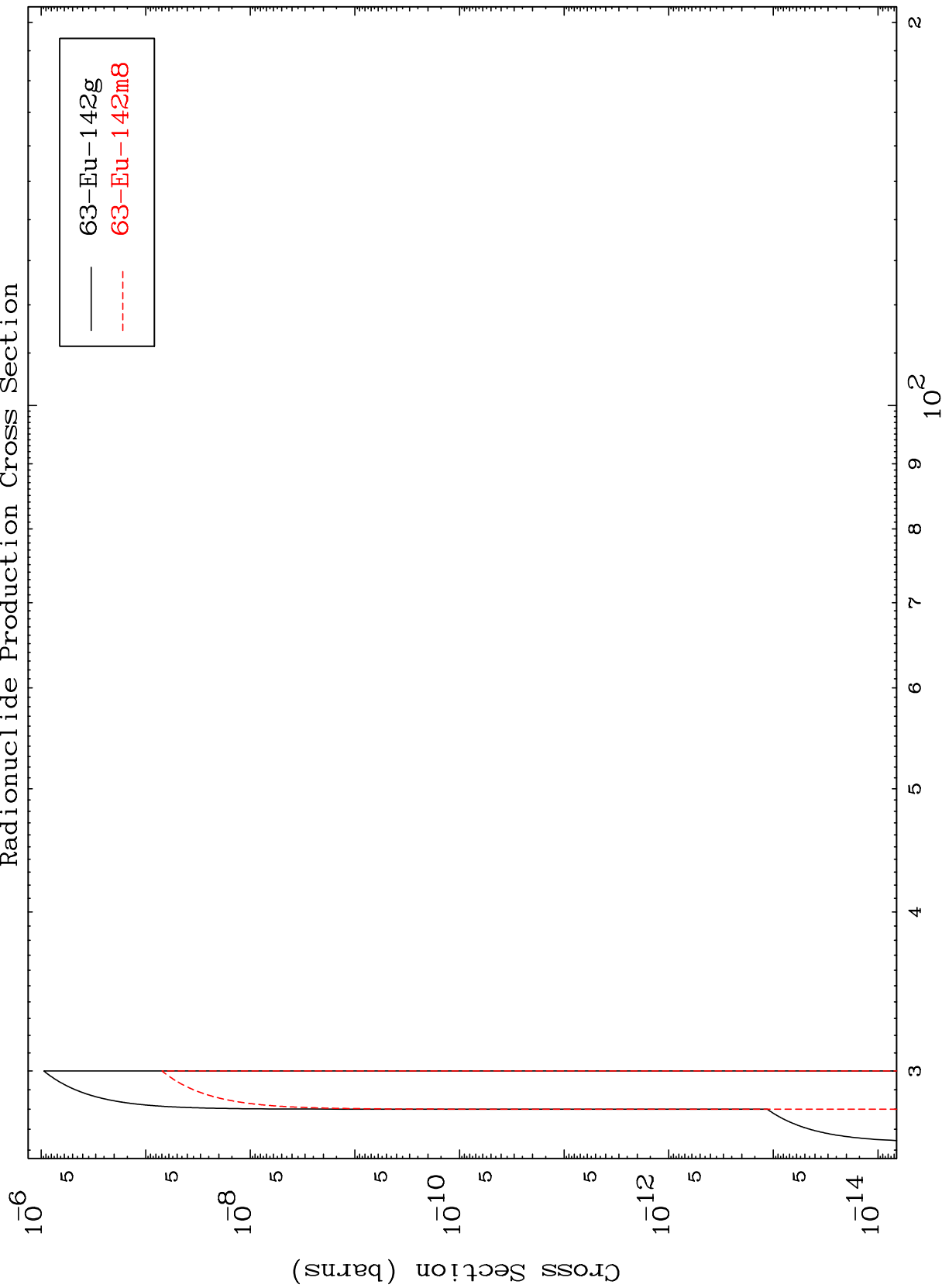


MAT 6216

(n,2n) p

62-Sm-141

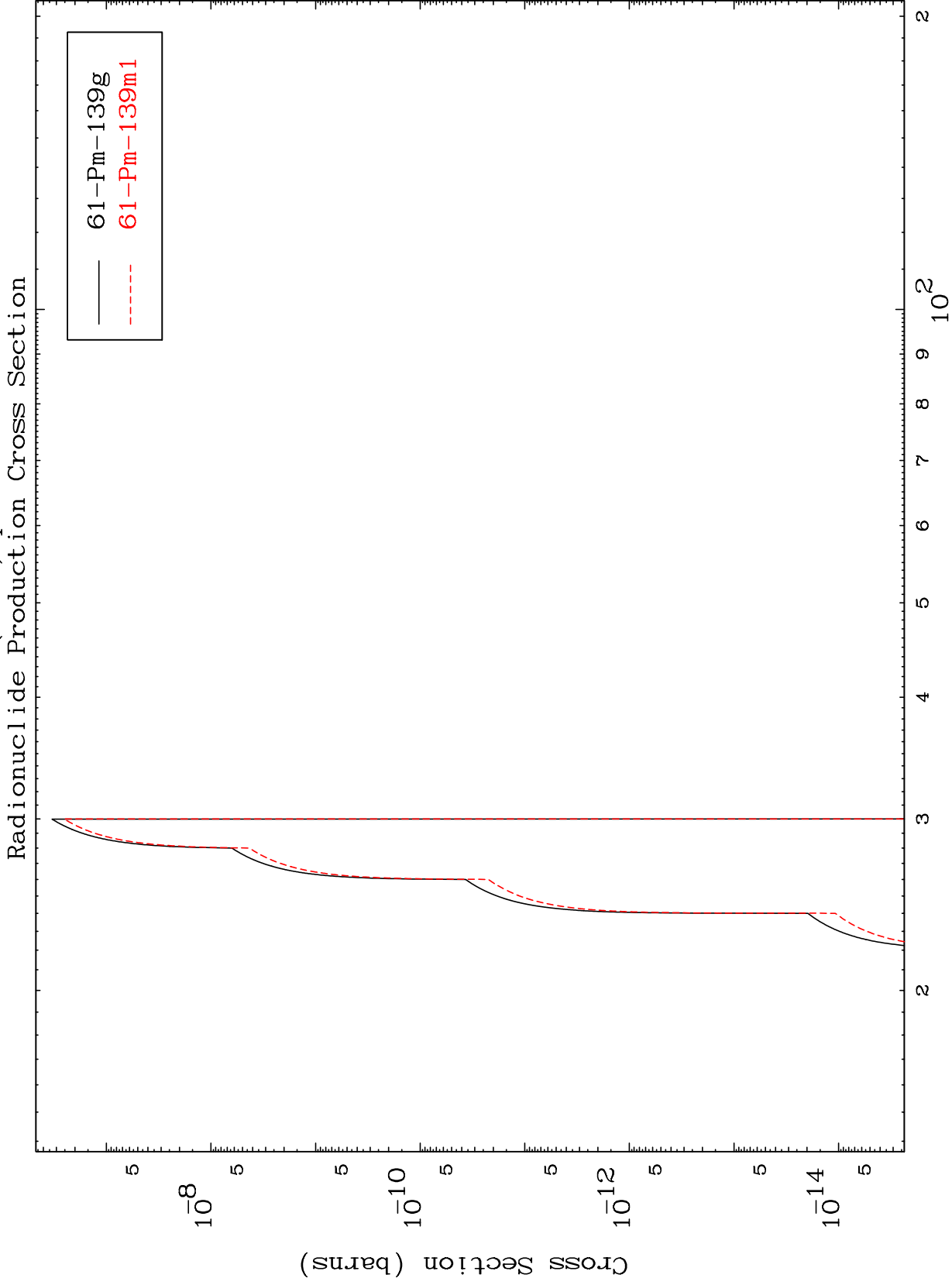
Radionuclide Production Cross Section



14

Incident Energy (MeV)

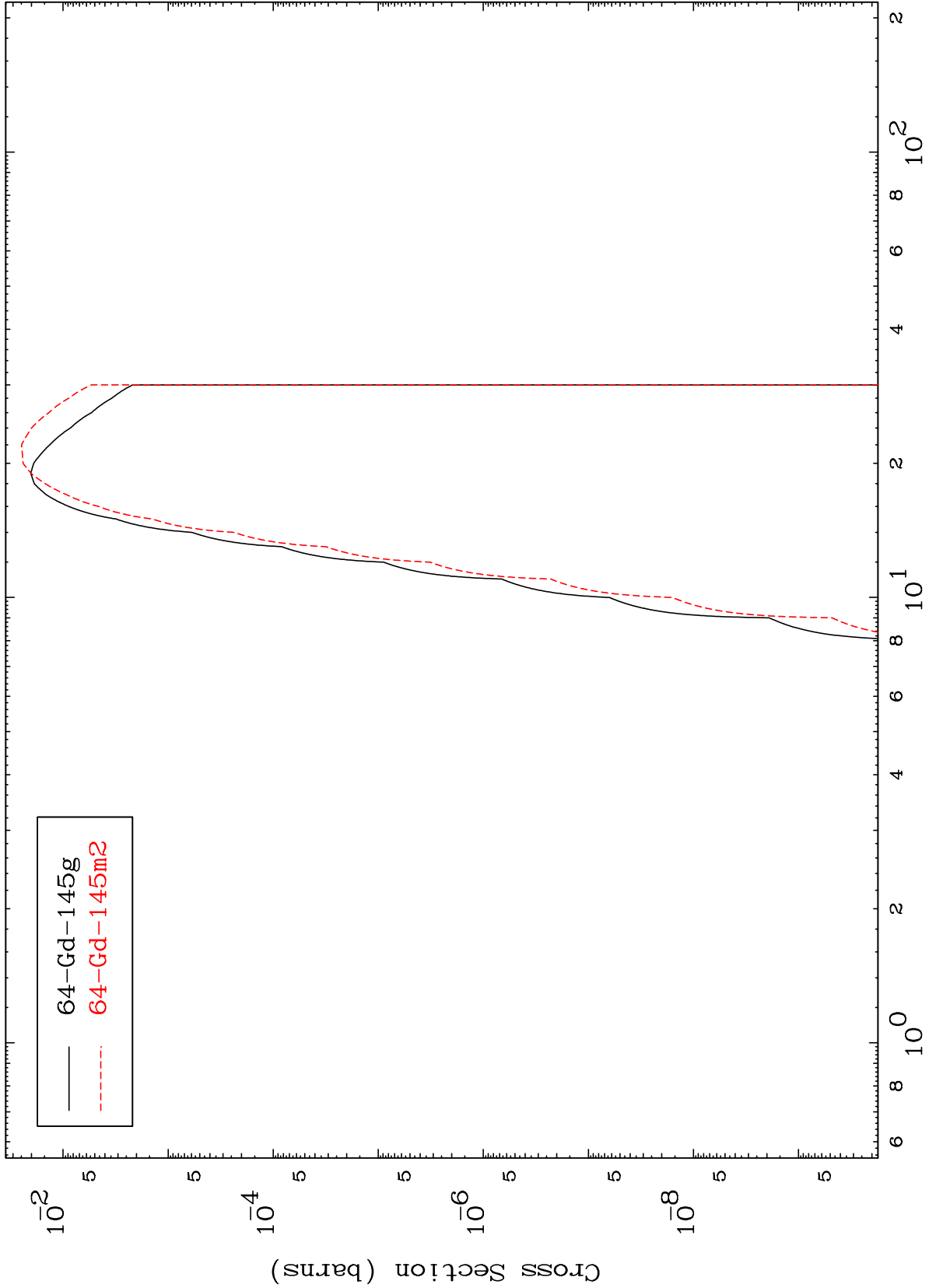
62-Sm-141



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62-Sm-141

(n, γ)
Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

62-Sm-141

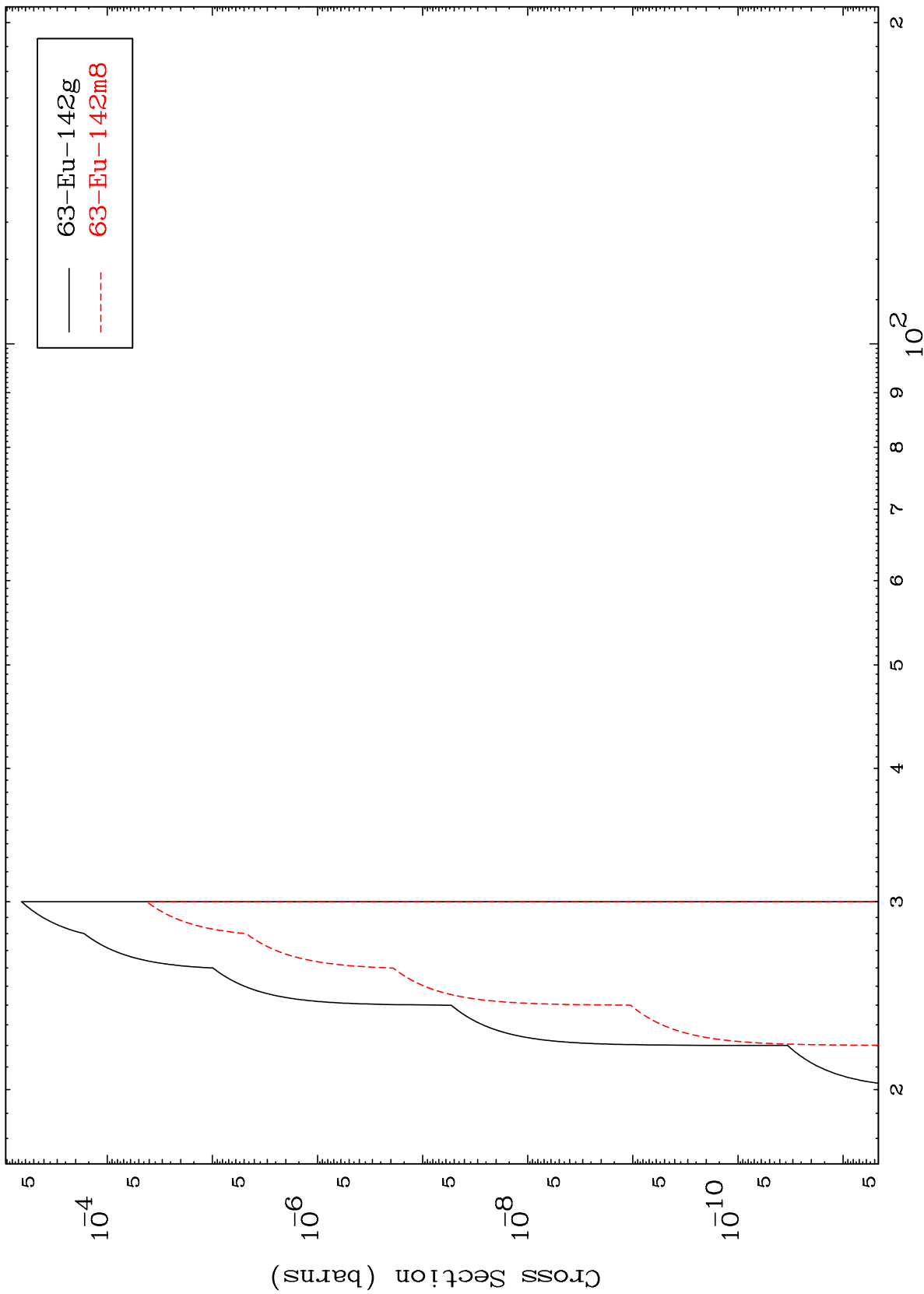
Incident Energy (MeV)

16

MAT 6216

62-Sm-141

(n,t)
Radionuclide Production Cross Section



17

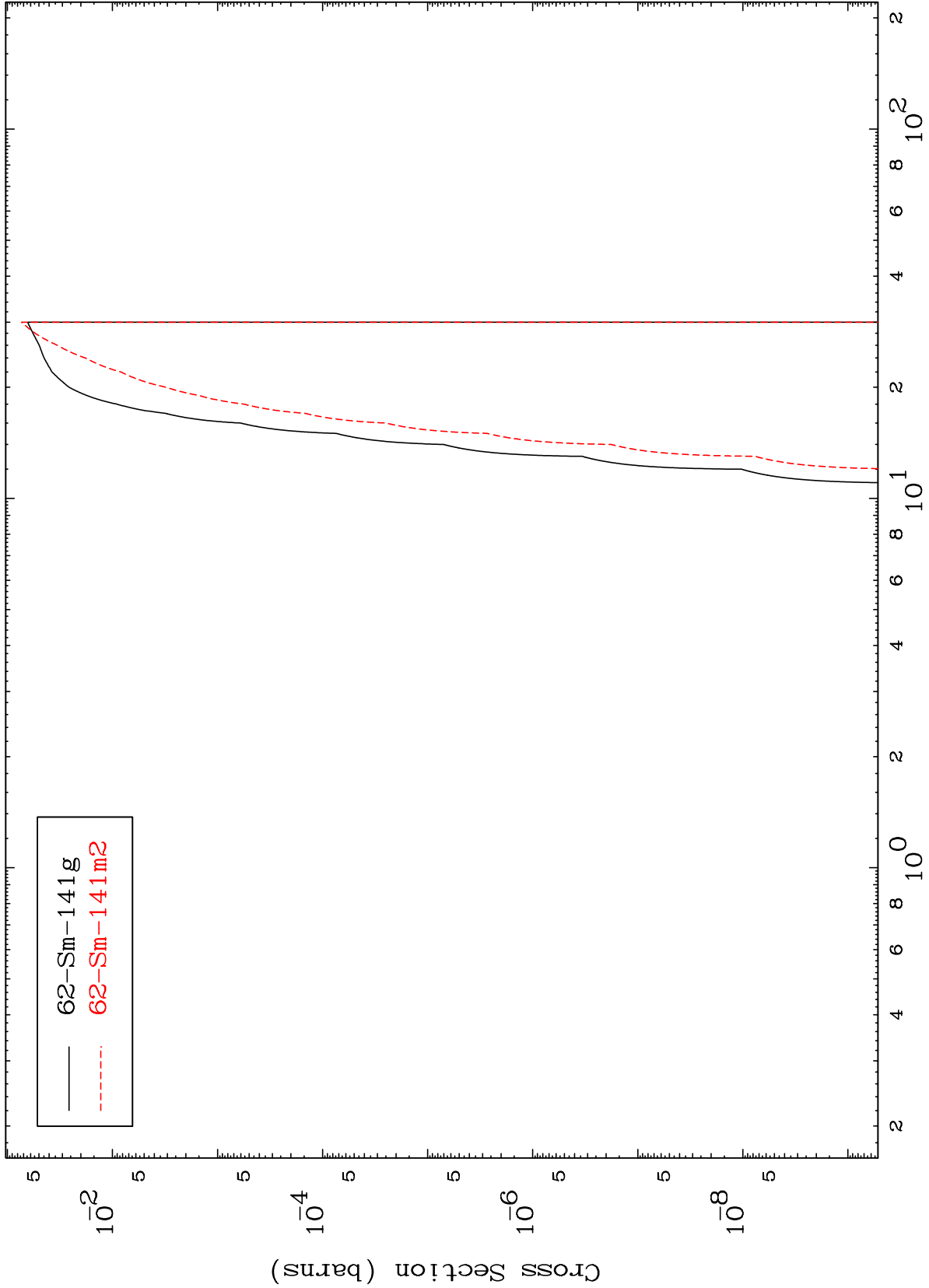
62-Sm-141

Incident Energy (MeV)

MAT 6216

62-Sm-141

Radionuclide Production Cross Section
(n, α)



62-Sm-141

Incident Energy (MeV)

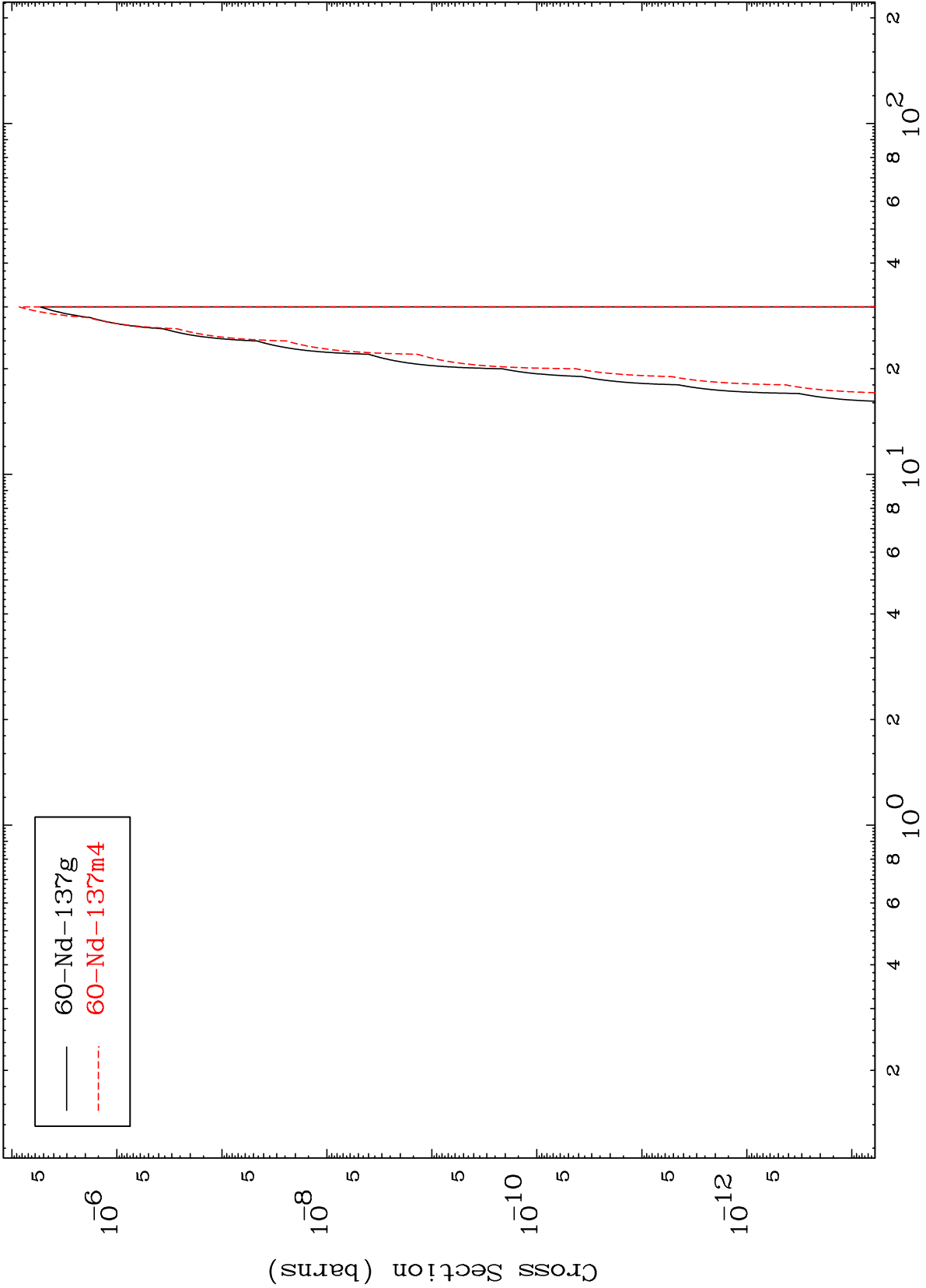
18

MAT 6216

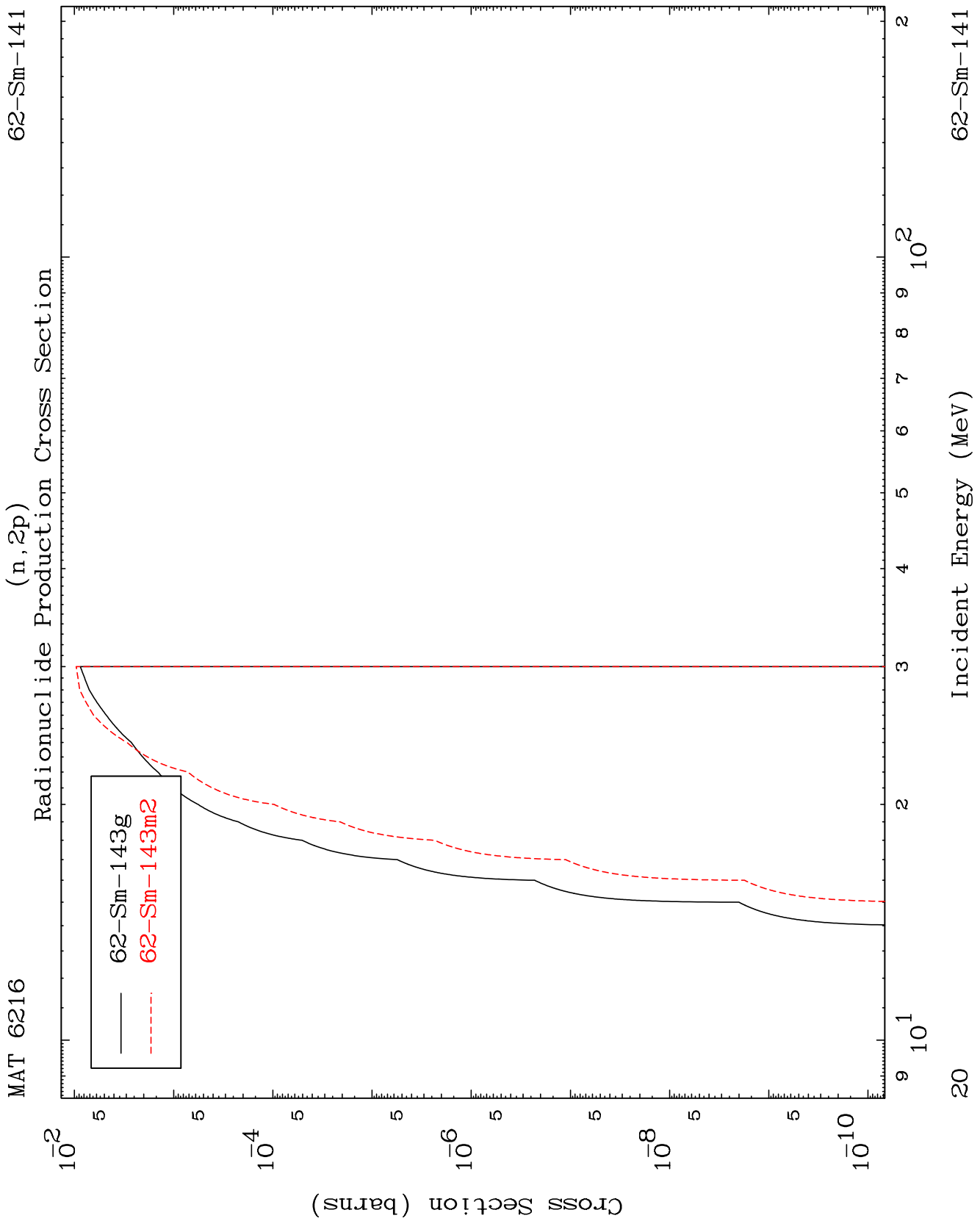
(n,2α)

62-Sm-141

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

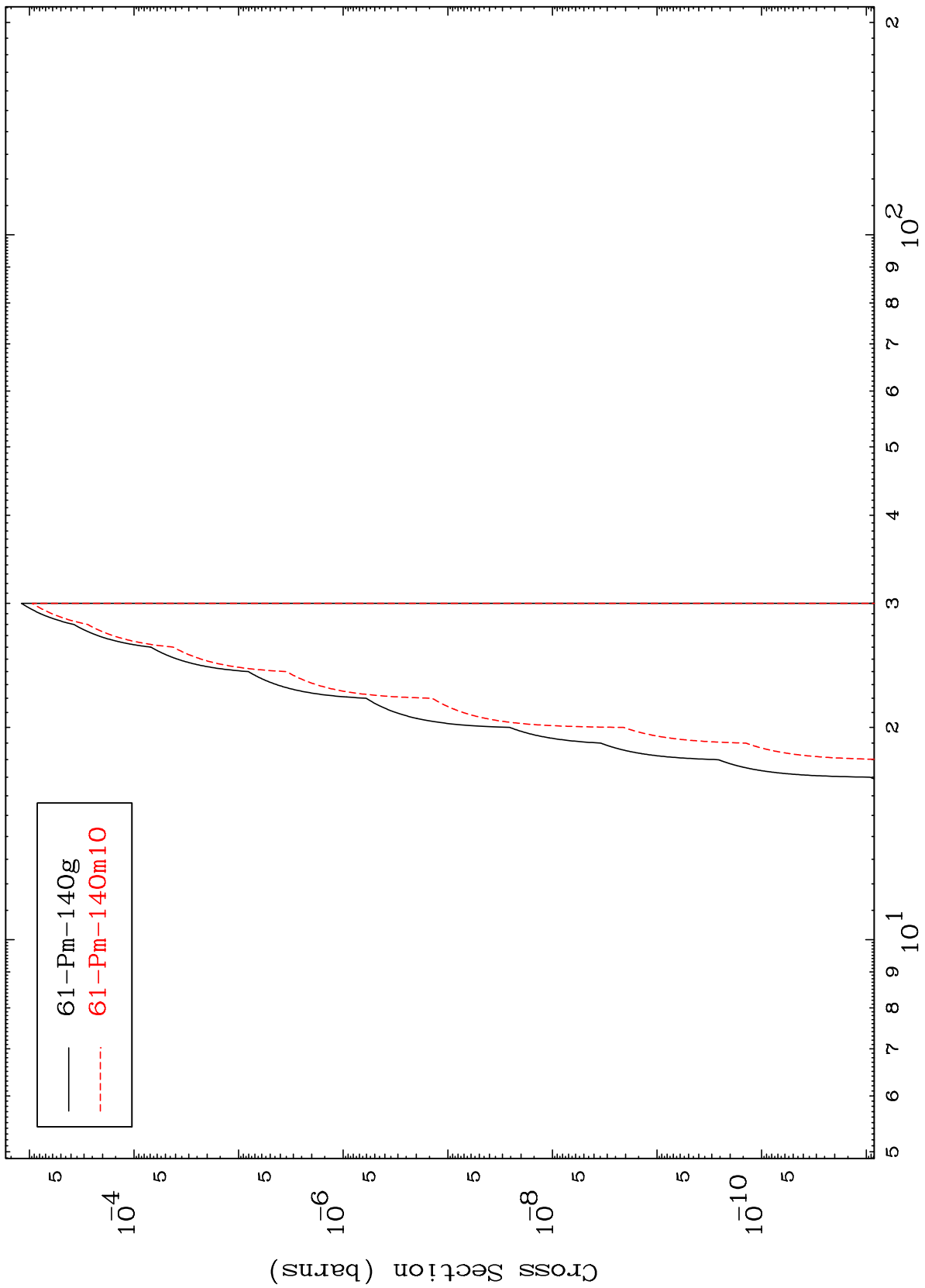


MAT 6216

(n,p) α

62-Sm-141

Radionuclide Production Cross Section



21

Incident Energy (MeV)

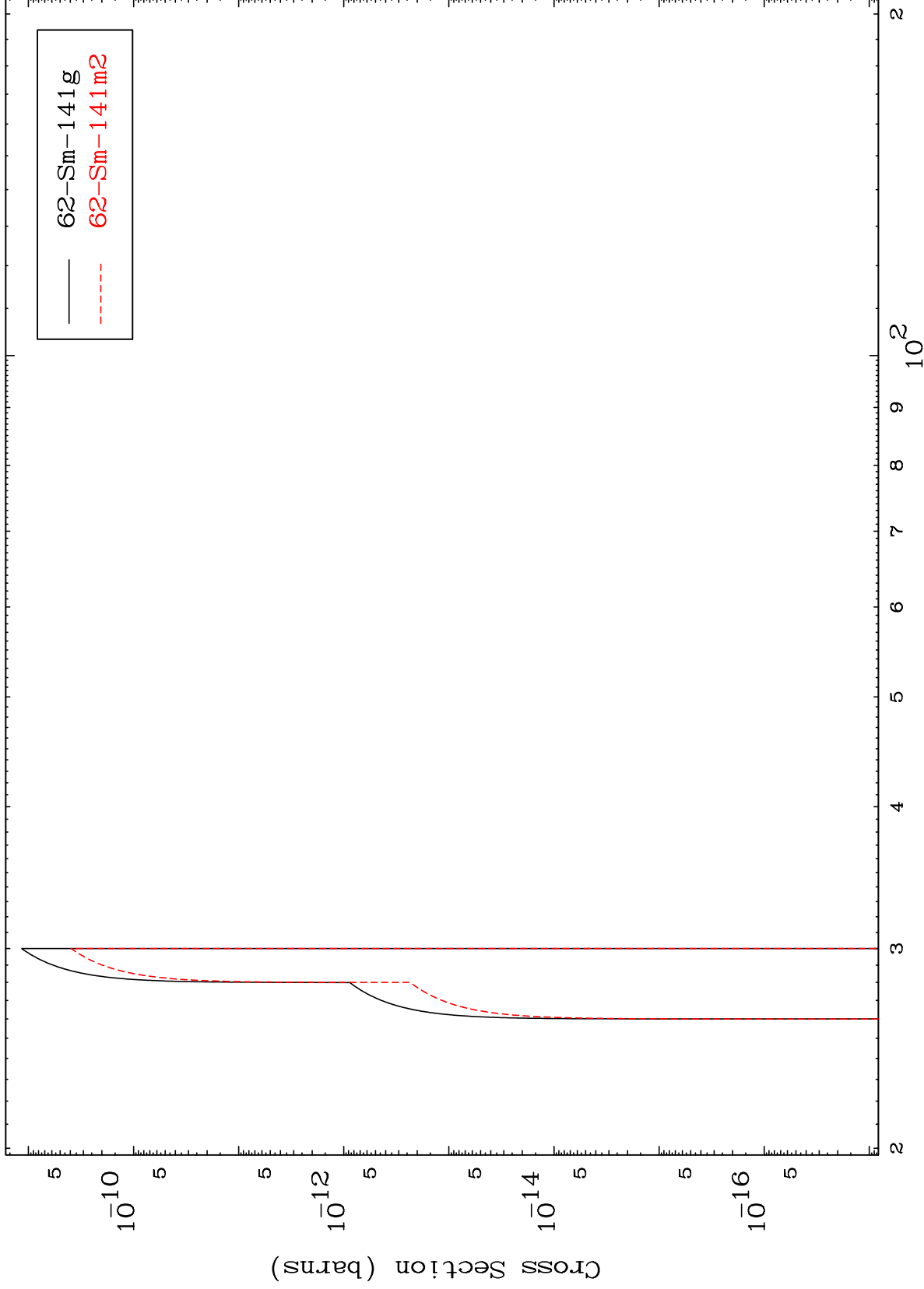
62-Sm-141

MAT 6216

(n,p) t

62-Sm-141

Radionuclide Production Cross Section



22

Incident Energy (MeV)

62-Sm-141