

Program EVALPLOT
(Version 2018-1)

by

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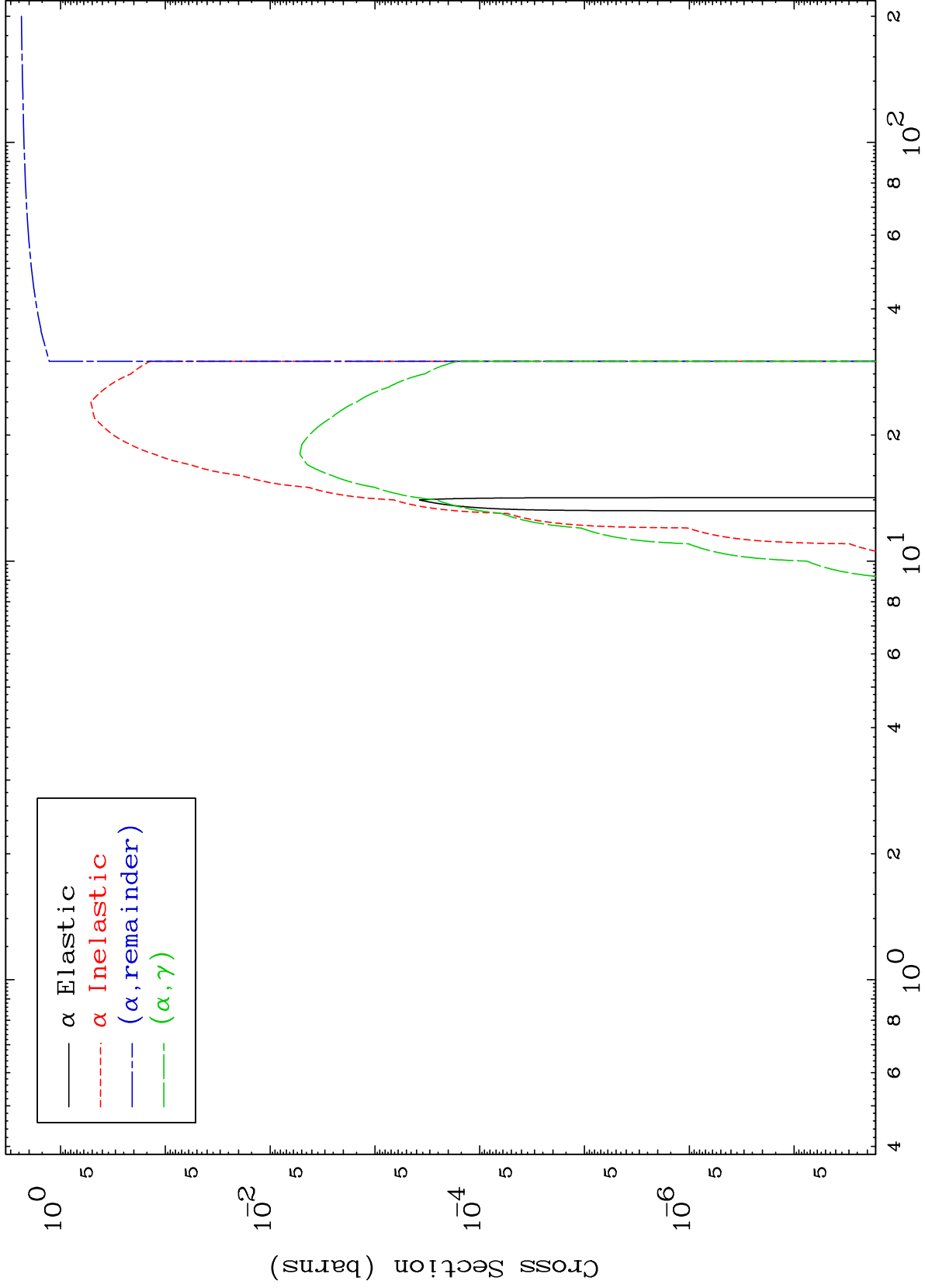
Press Mouse Button to Start

MAT 6217

0 Kelvin

α Major Cross Sections

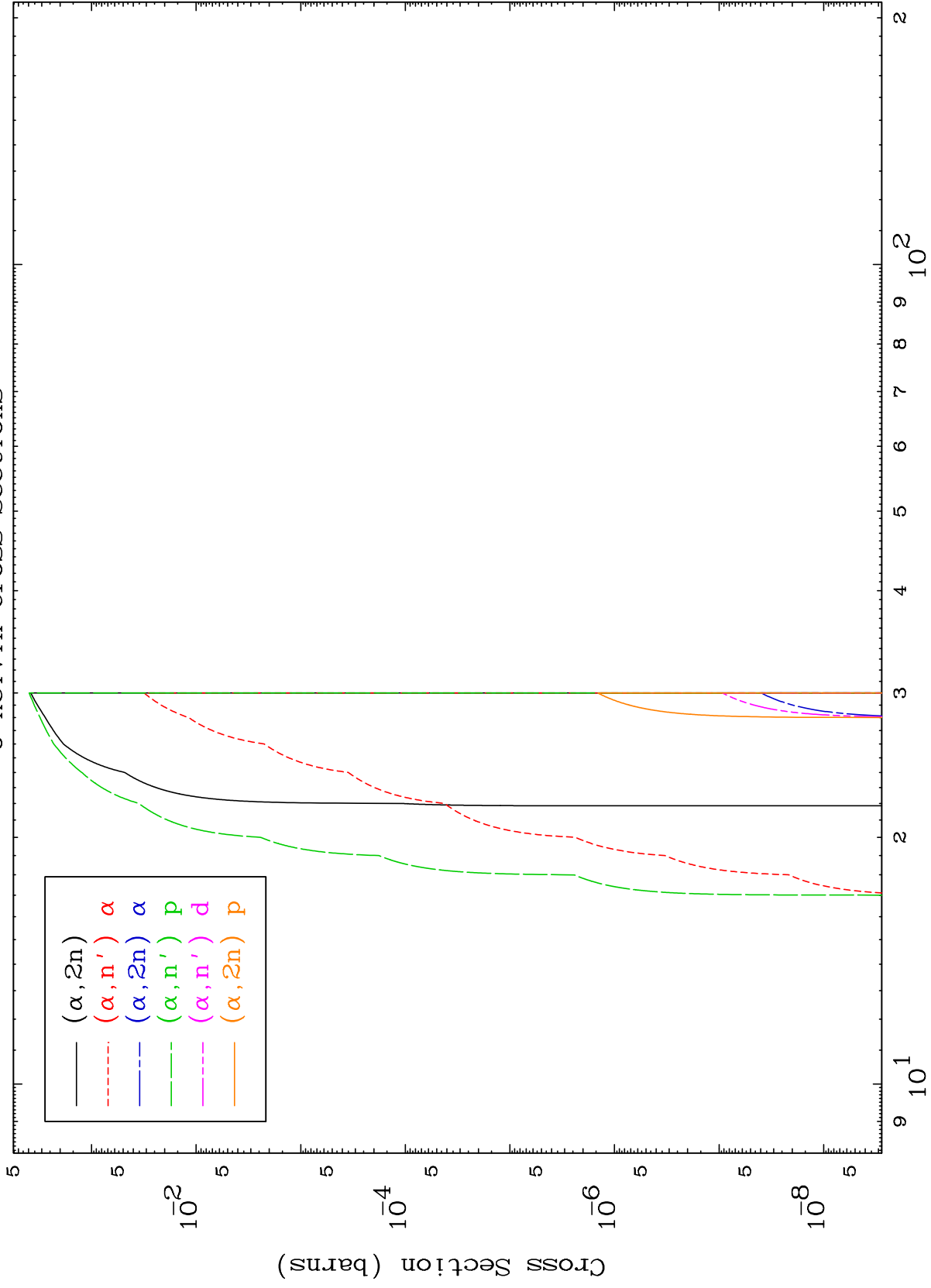
62-Sm-141

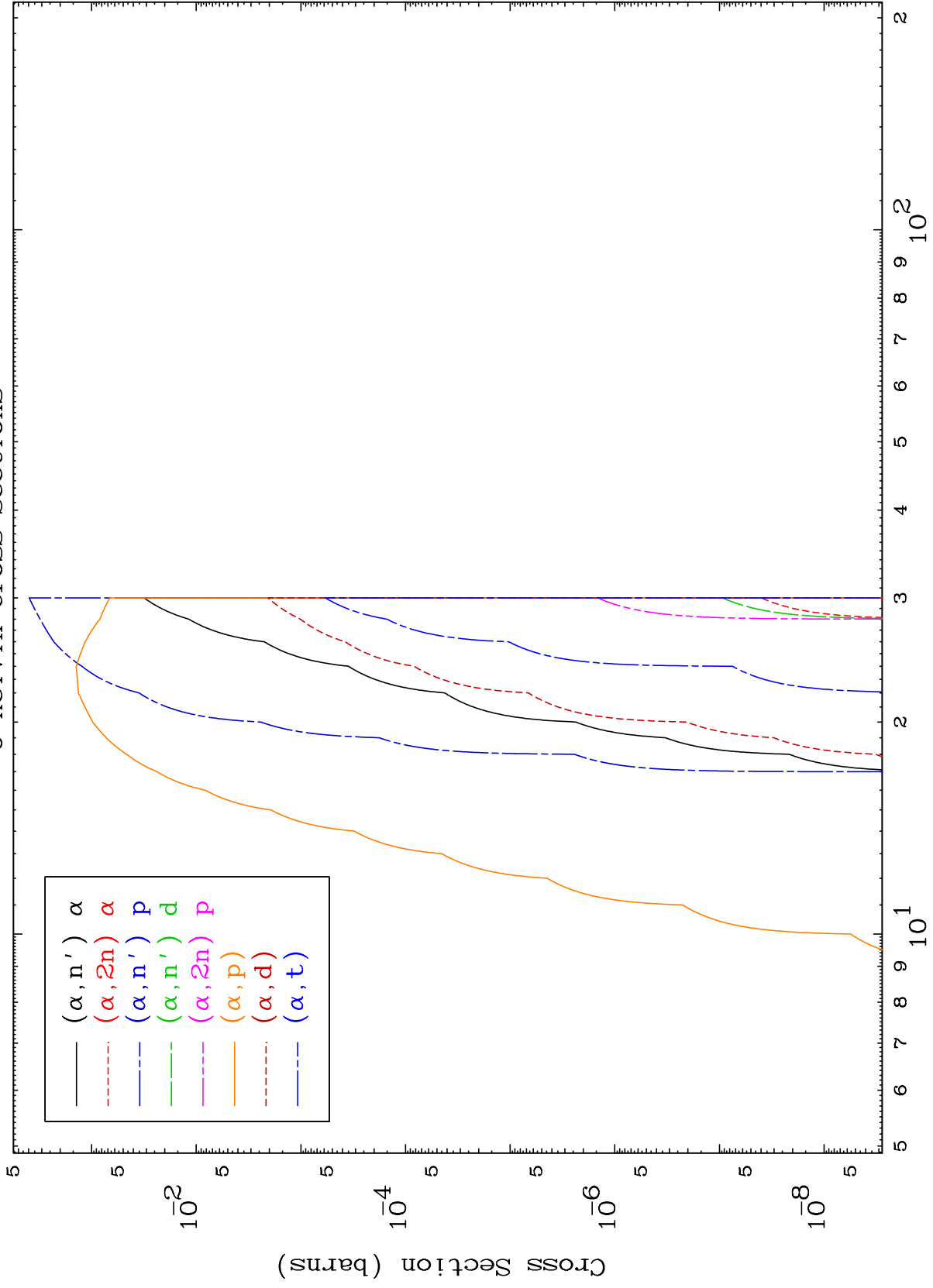


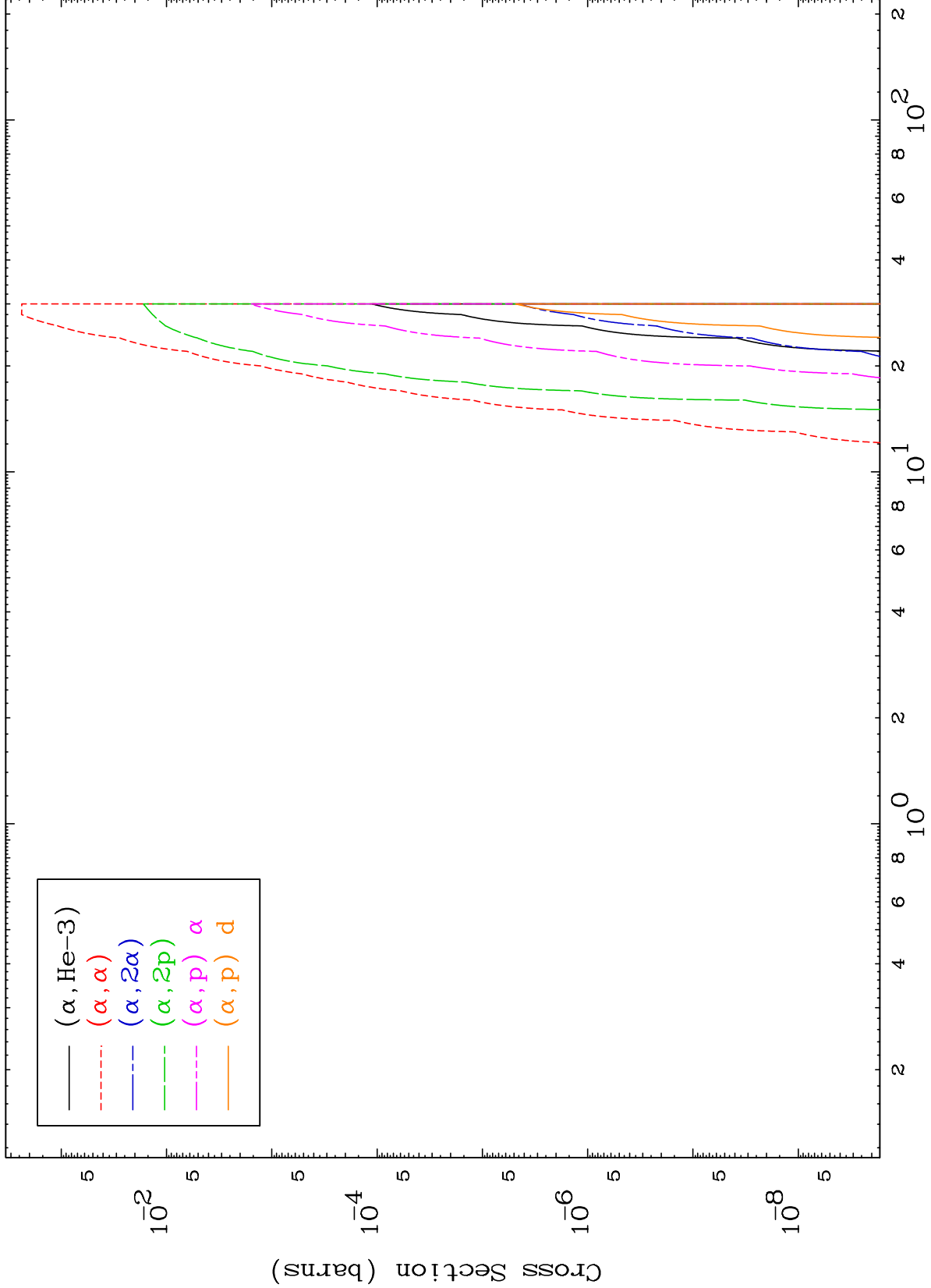
1

Incident Energy (MeV)

62-Sm-141





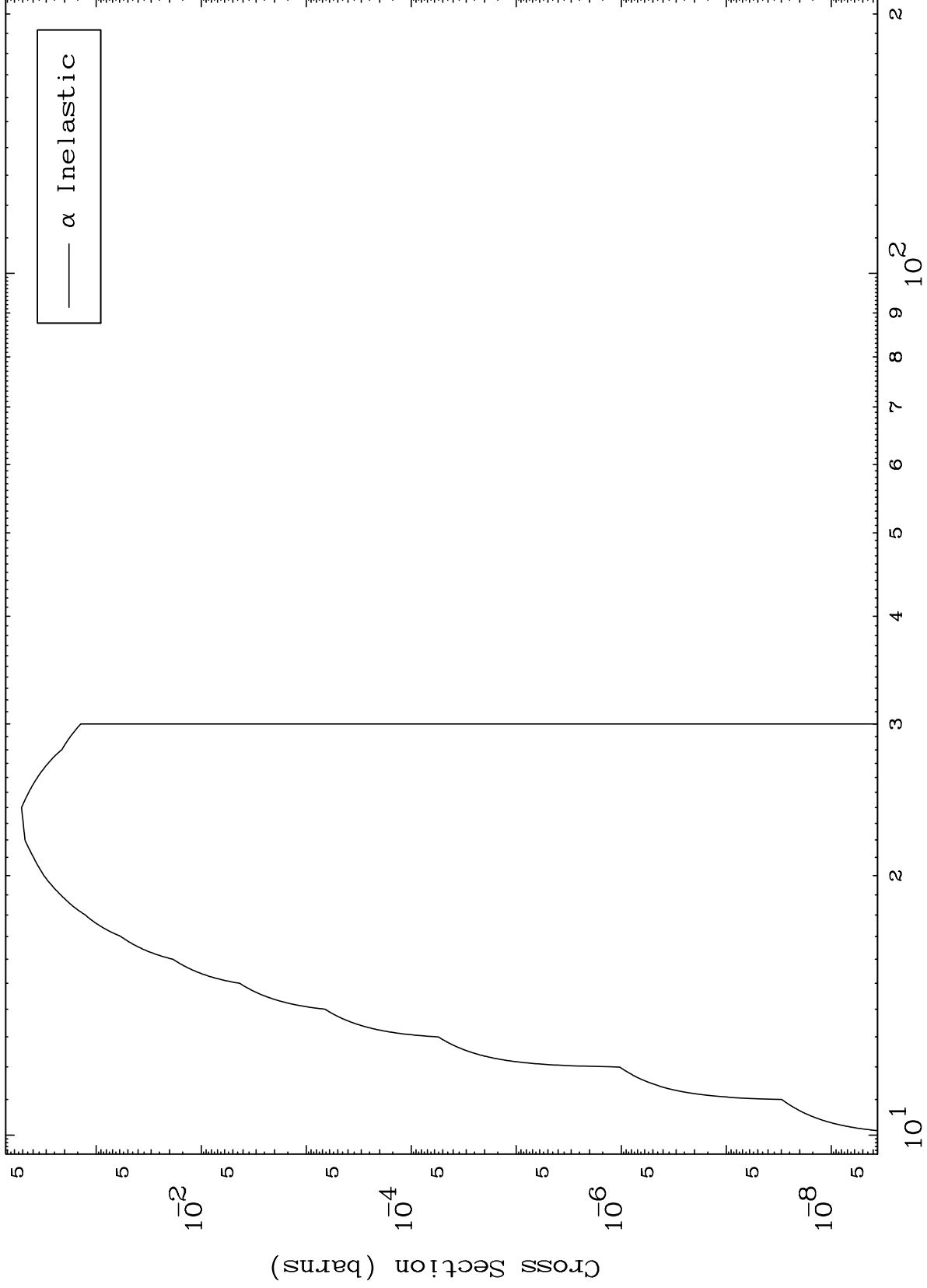


MAT 6217

(α, n') Level

62-Sm-141

0 Kelvin Cross Sections



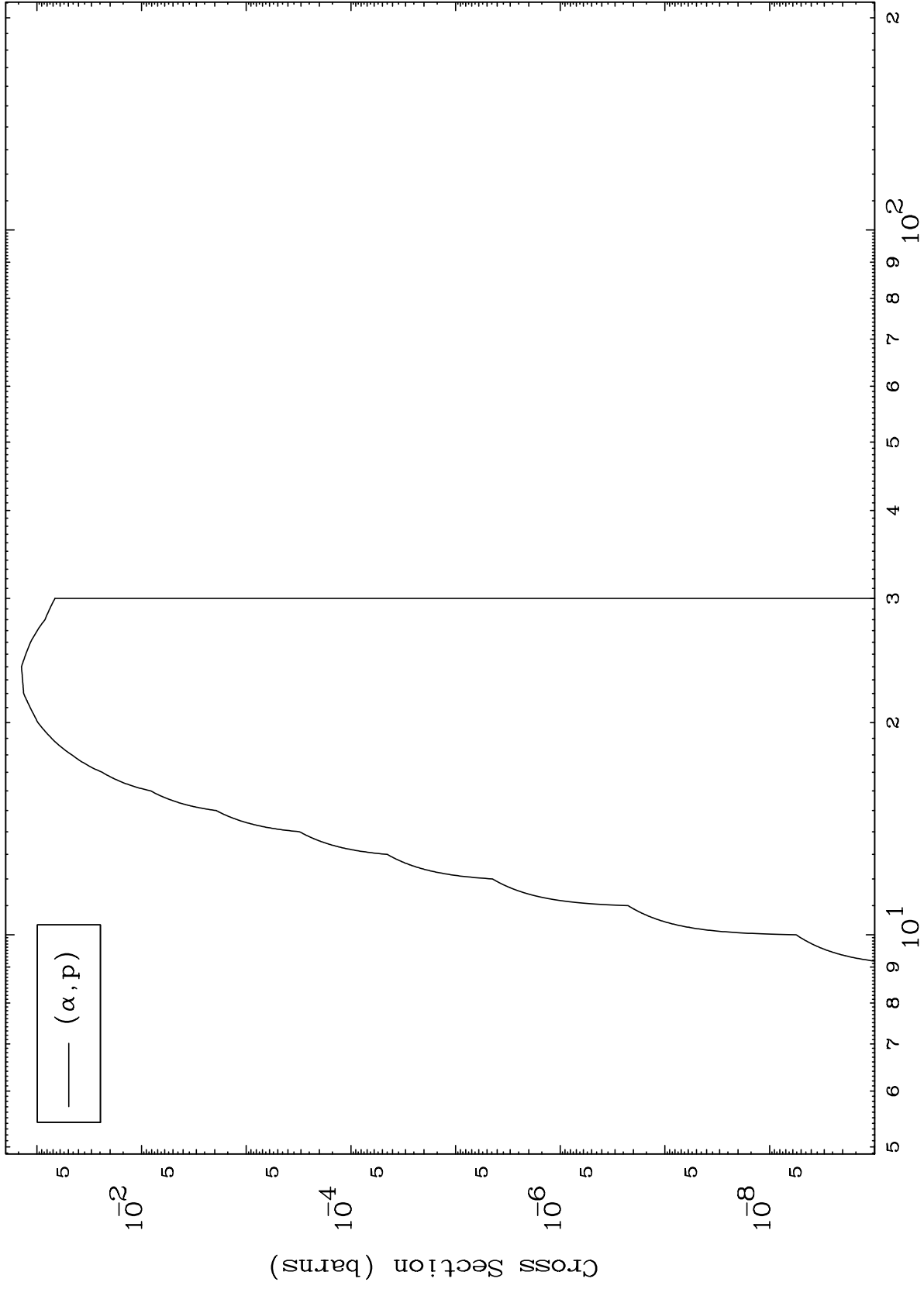
Incident Energy (MeV)

62-Sm-141

MAT 6217

62-Sm-141

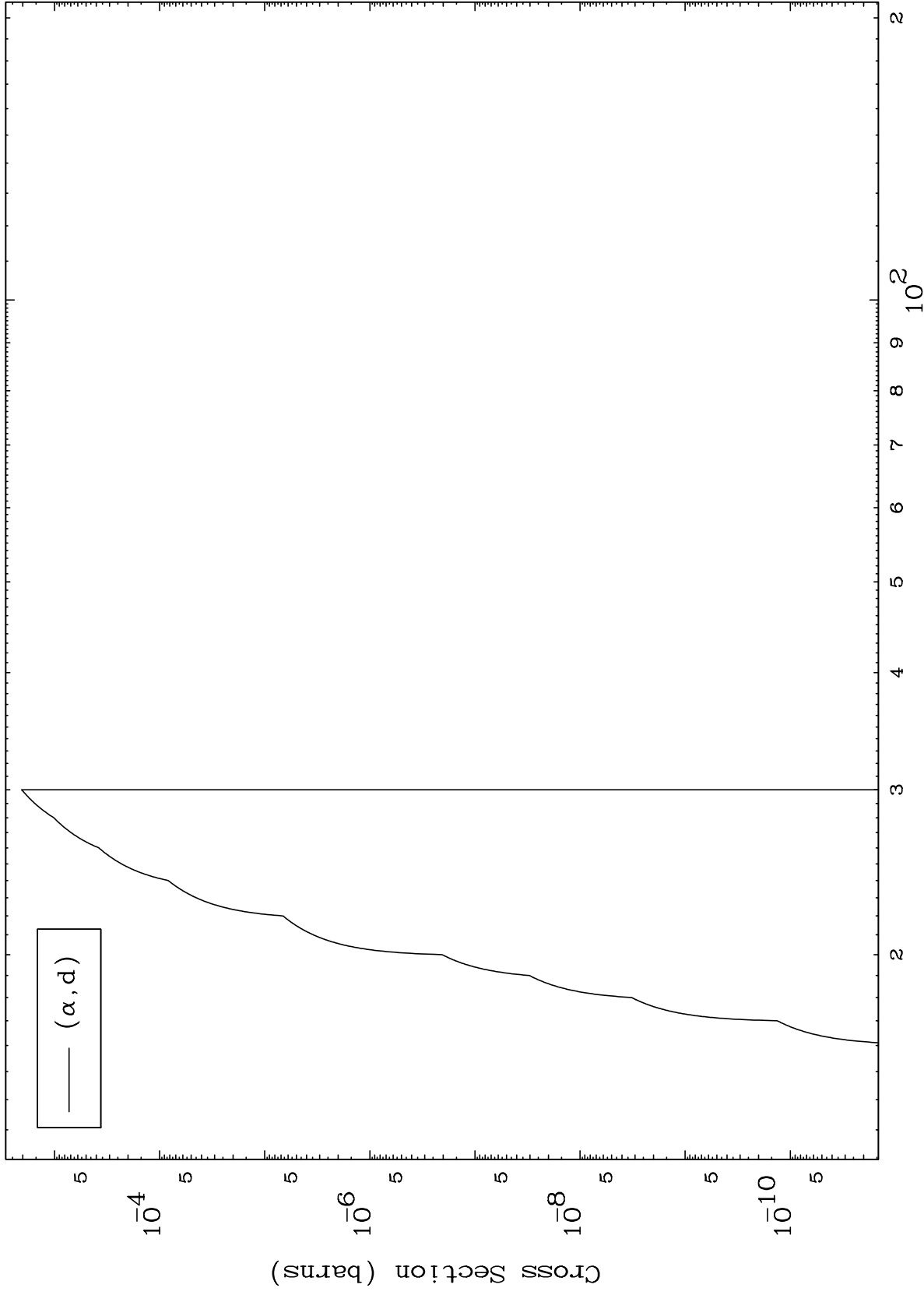
(α, p) Levels
0 Kelvin Cross Sections

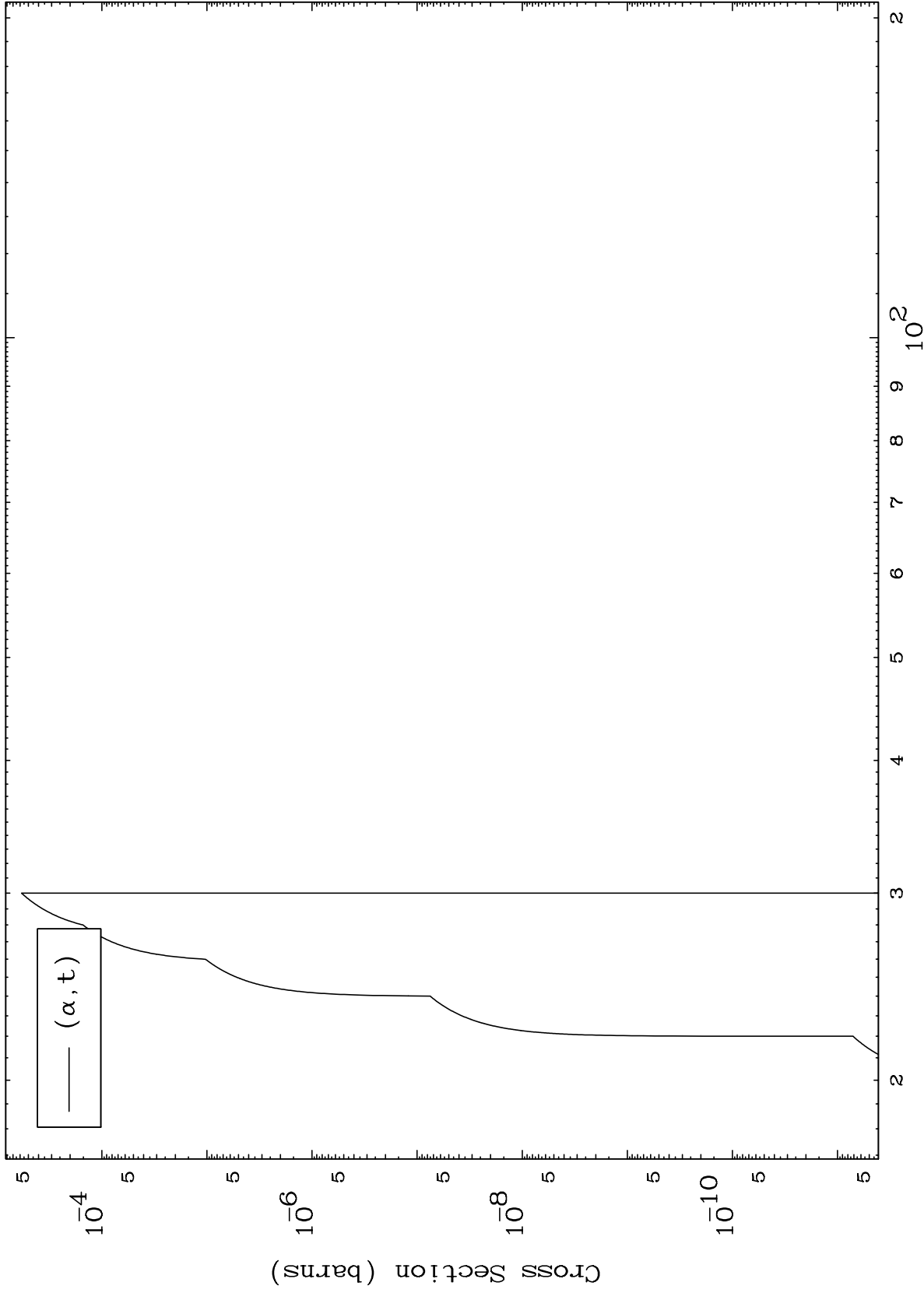


62-Sm-141

Incident Energy (MeV)

6

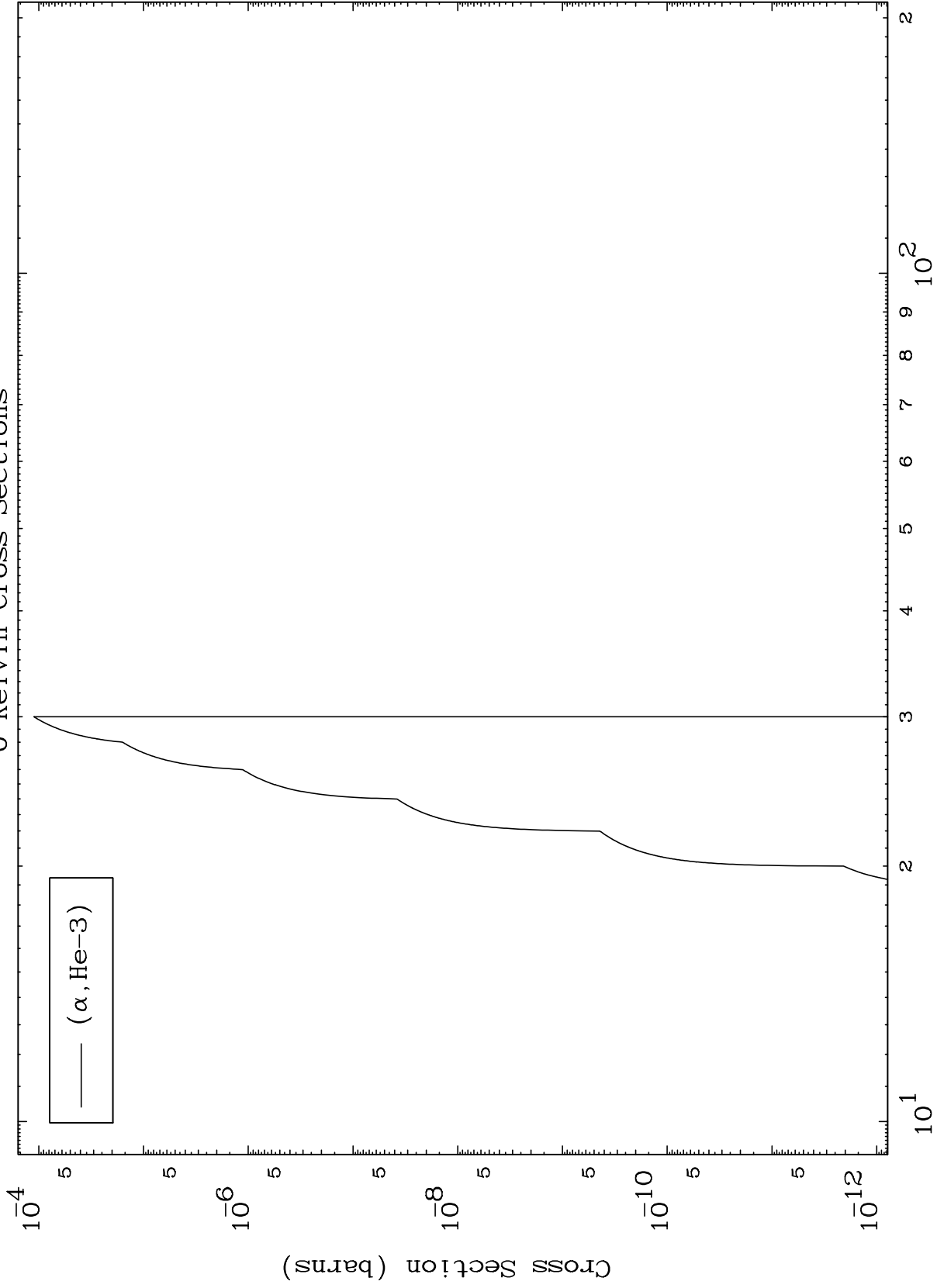




MAT 6217

62-Sm-141

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



62-Sm-141

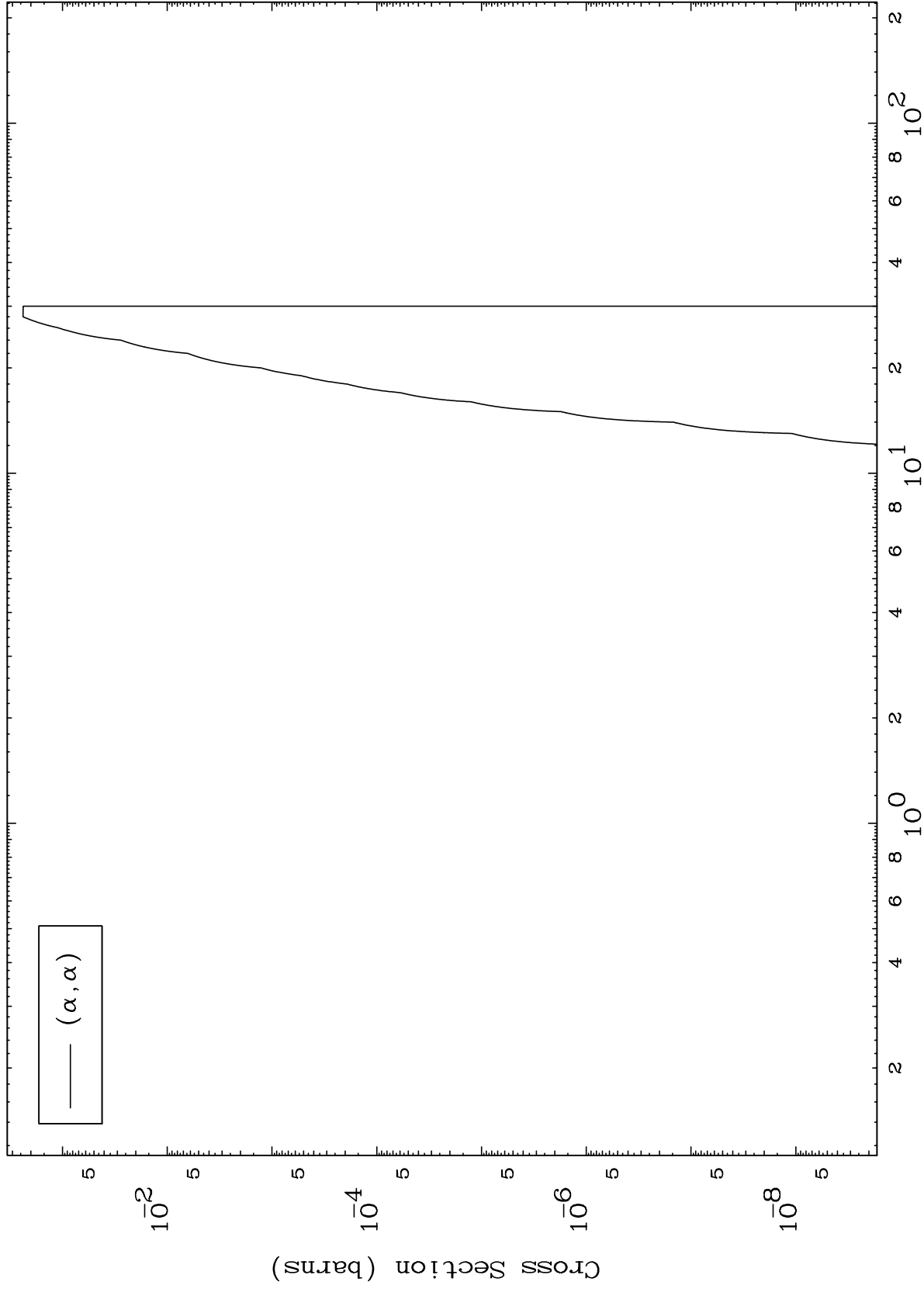
Incident Energy (MeV)

9

MAT 6217

62-Sm-141

(α, α) Levels
0 Kelvin Cross Sections



62-Sm-141

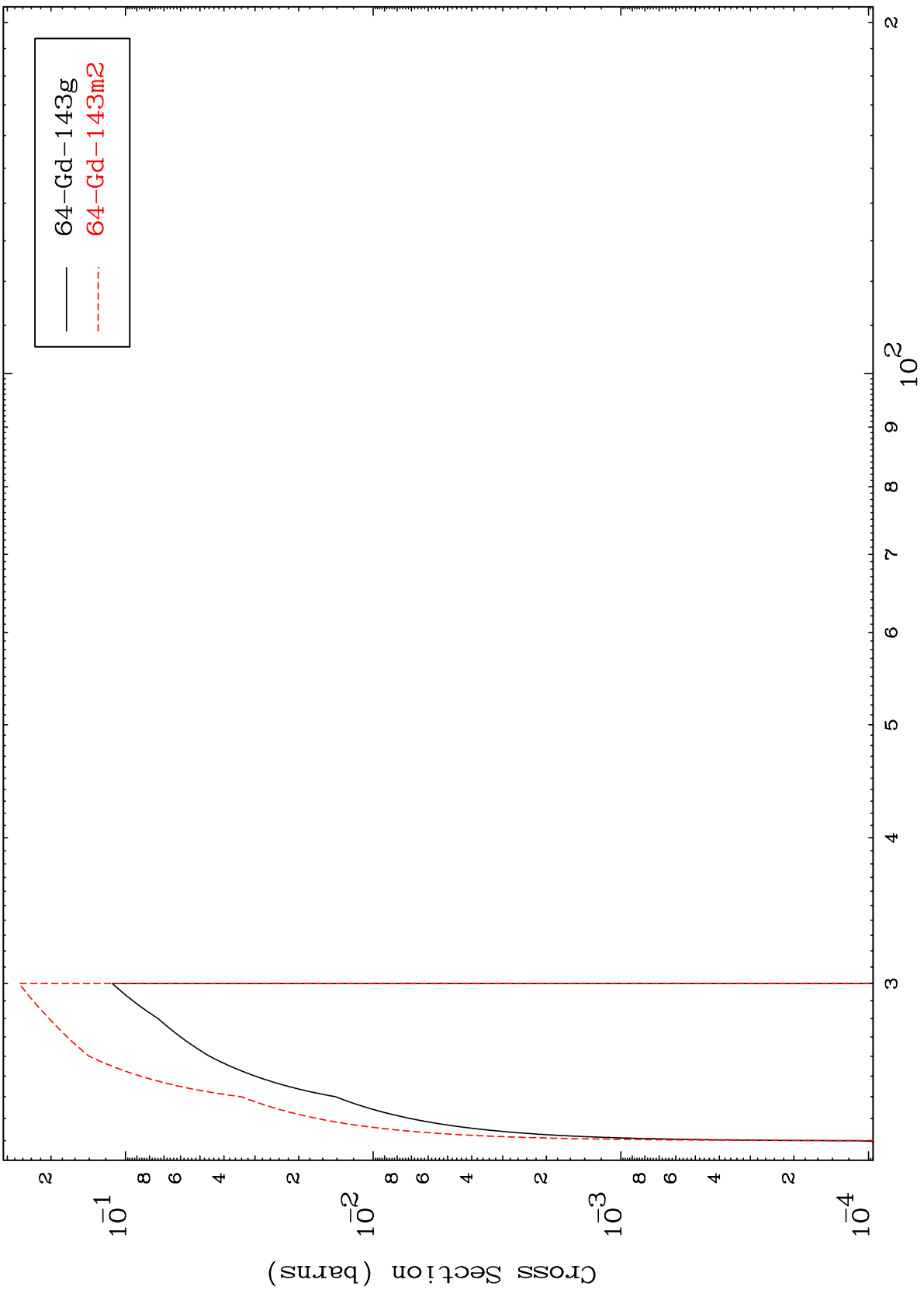
Incident Energy (MeV)

10

MAT 6217

62-Sm-141

$(\alpha, 2n)$
Radionuclide Production Cross Section



11

62-Sm-141

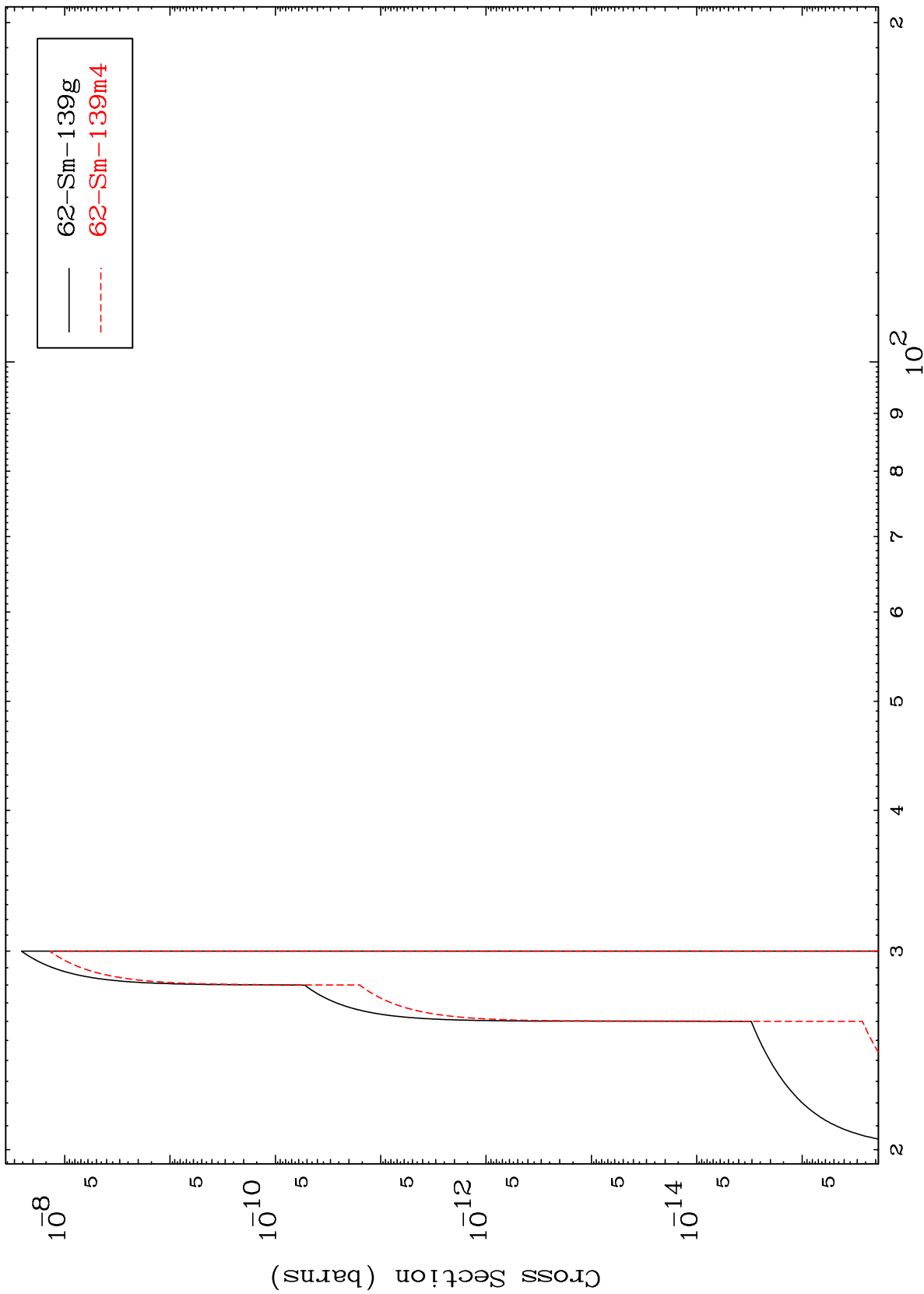
Incident Energy (MeV)

MAT 6217

$(\alpha, 2n) \alpha$

62-Sm-141

Radionuclide Production Cross Section



12

Incident Energy (MeV)

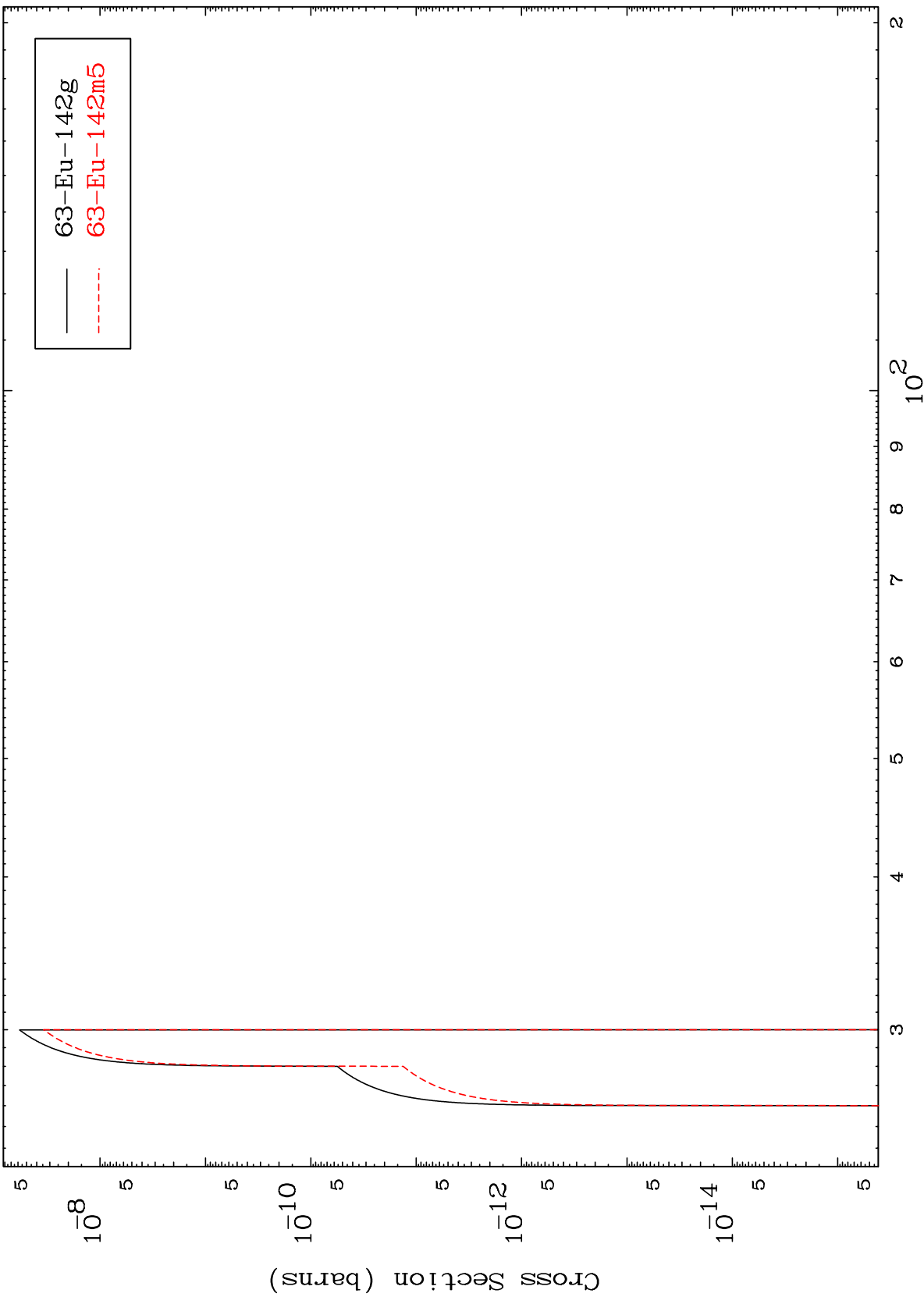
62-Sm-141

MAT 6217

(α, n') d

62-Sm-141

Radionuclide Production Cross Section



13

Incident Energy (MeV)

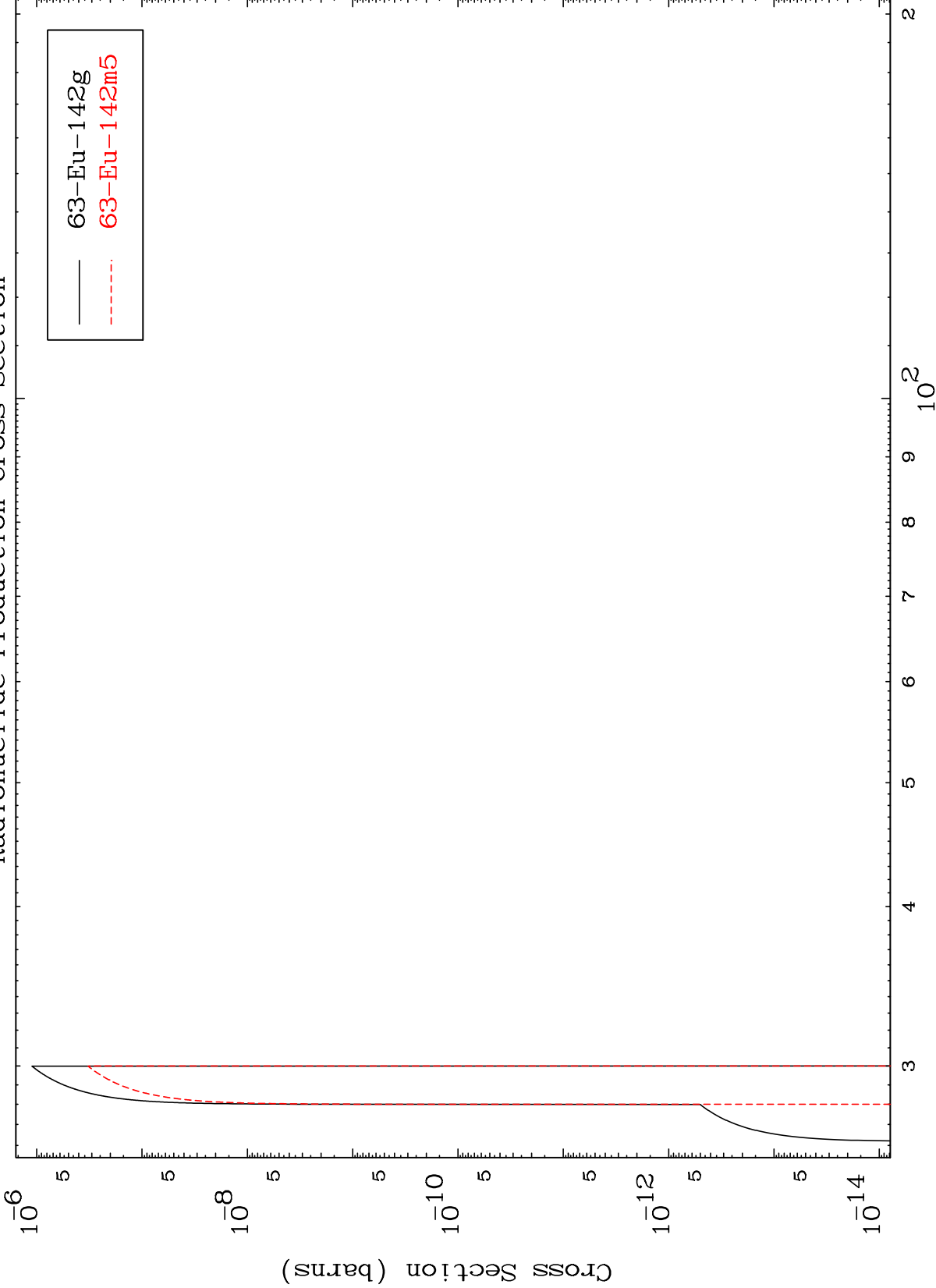
62-Sm-141

MAT 6217

$(\alpha, 2n)$ p

62-Sm-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

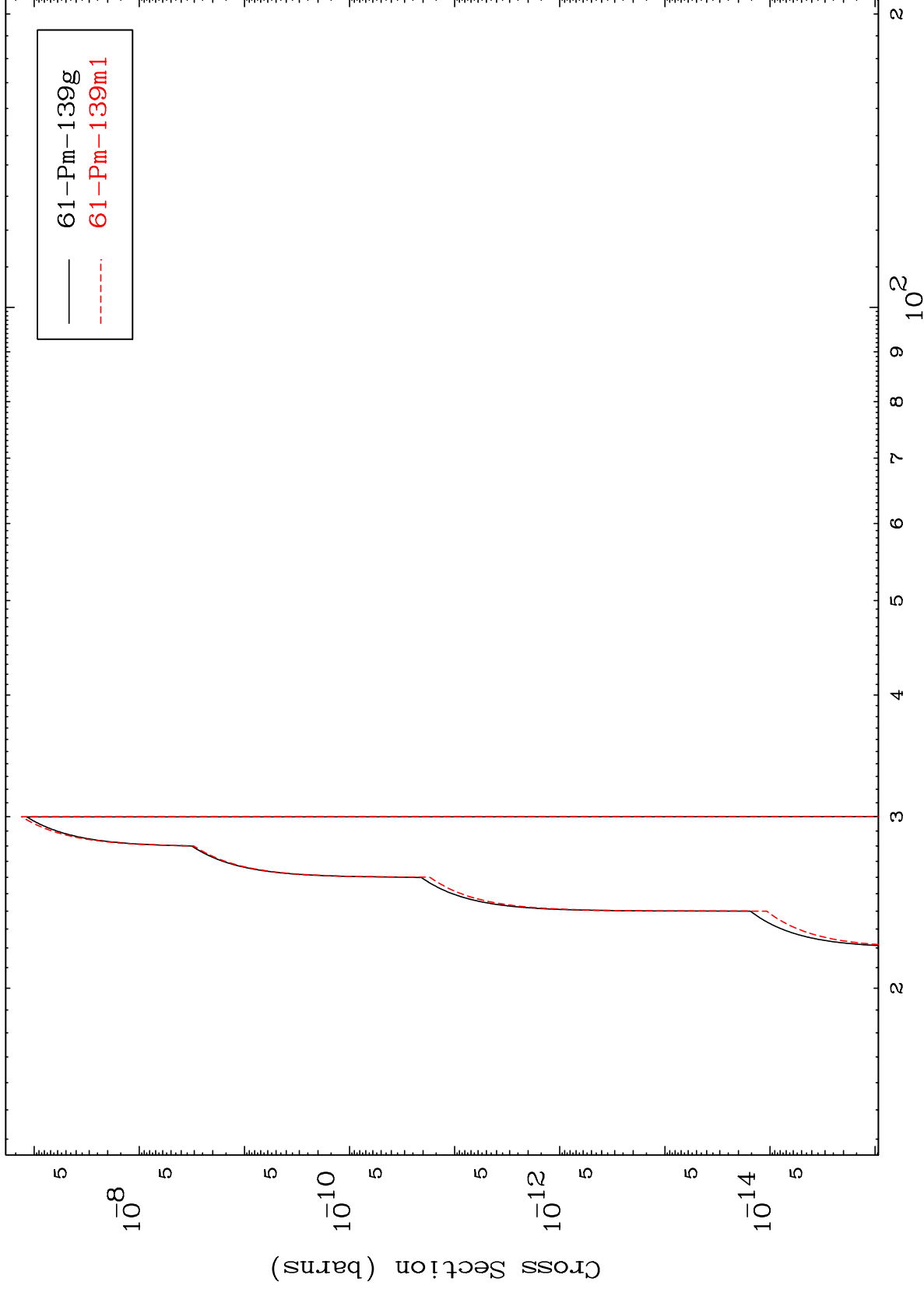
62-Sm-141

MAT 6217

(α, n') p α

62-Sm-141

Radionuclide Production Cross Section



15

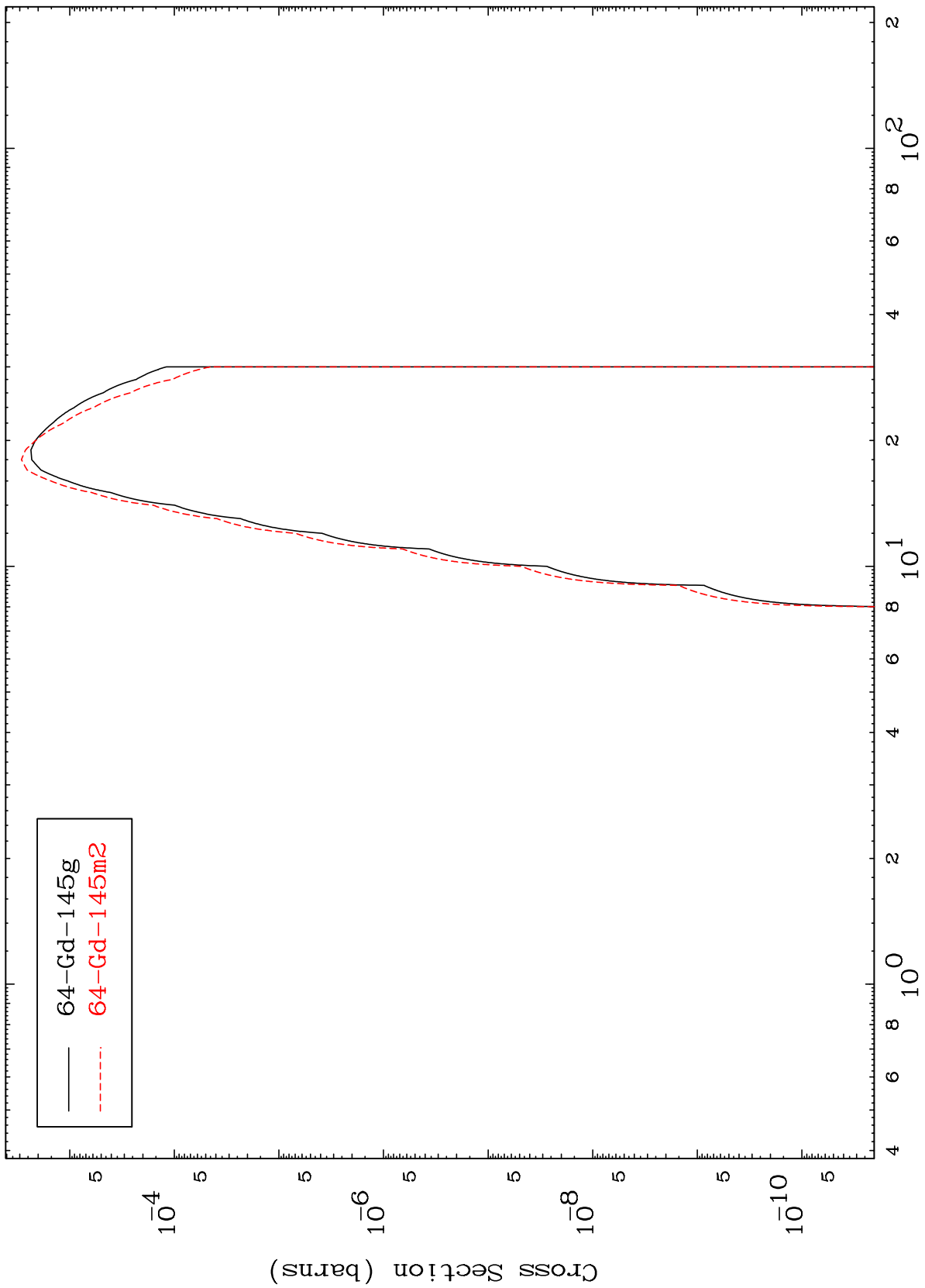
Incident Energy (MeV)

62-Sm-141

MAT 6217

62-Sm-141

(α, γ)
Radionuclide Production Cross Section



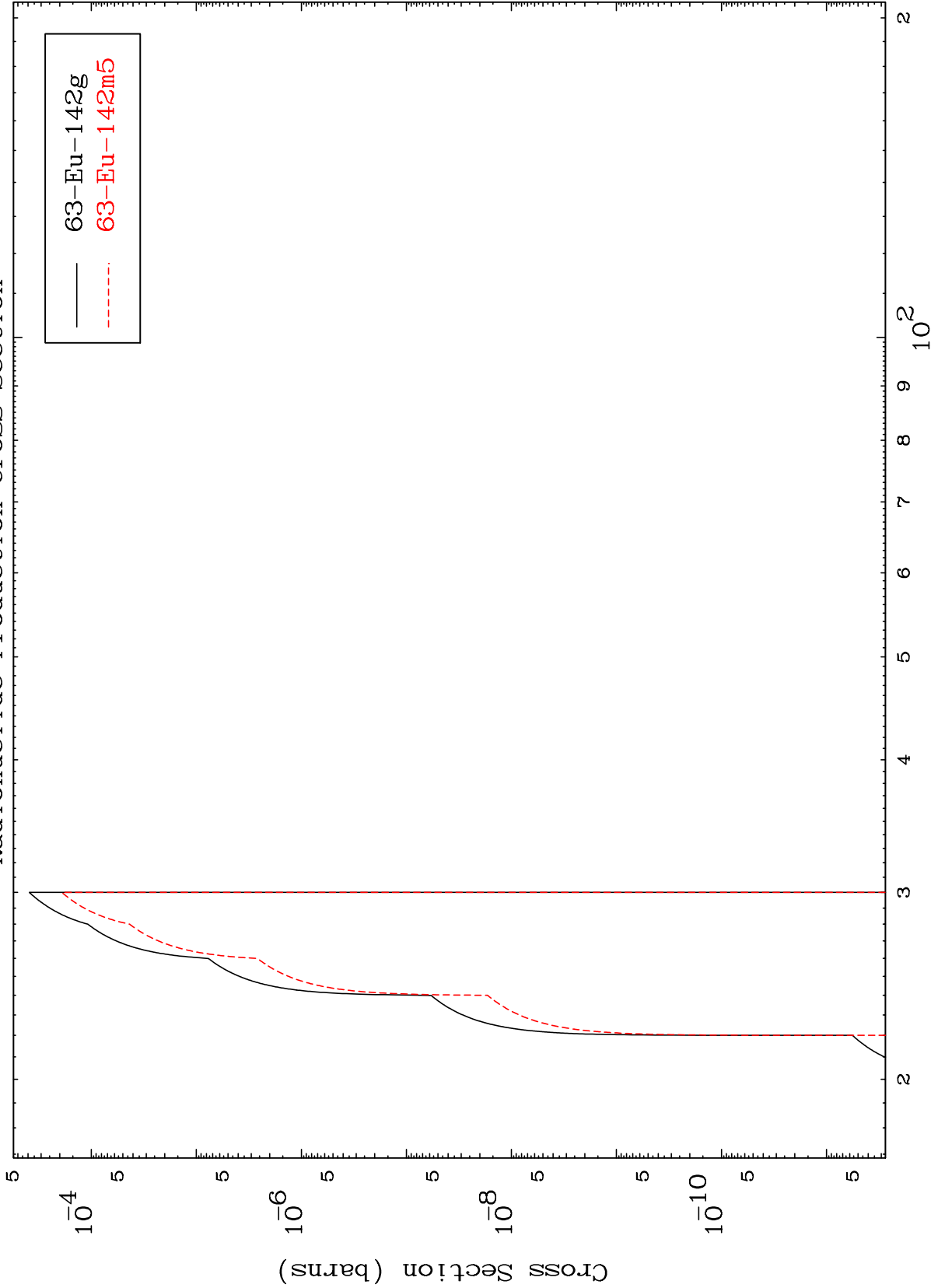
64-Gd-145g
64-Gd-145m2

62-Sm-141

Incident Energy (MeV)

16

(α, t)
Radionuclide Production Cross Section

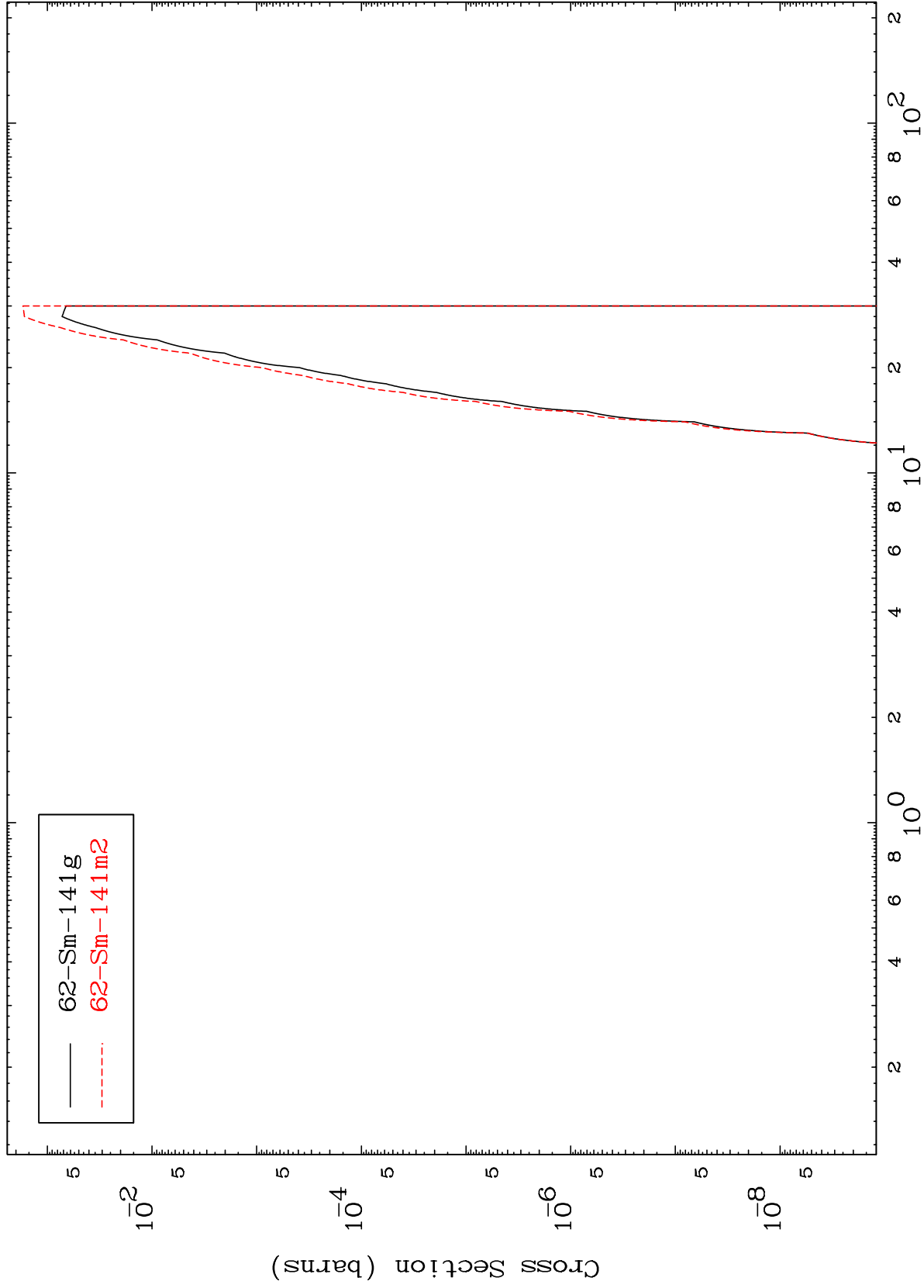


MAT 6217

(α, α)

62-Sm-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

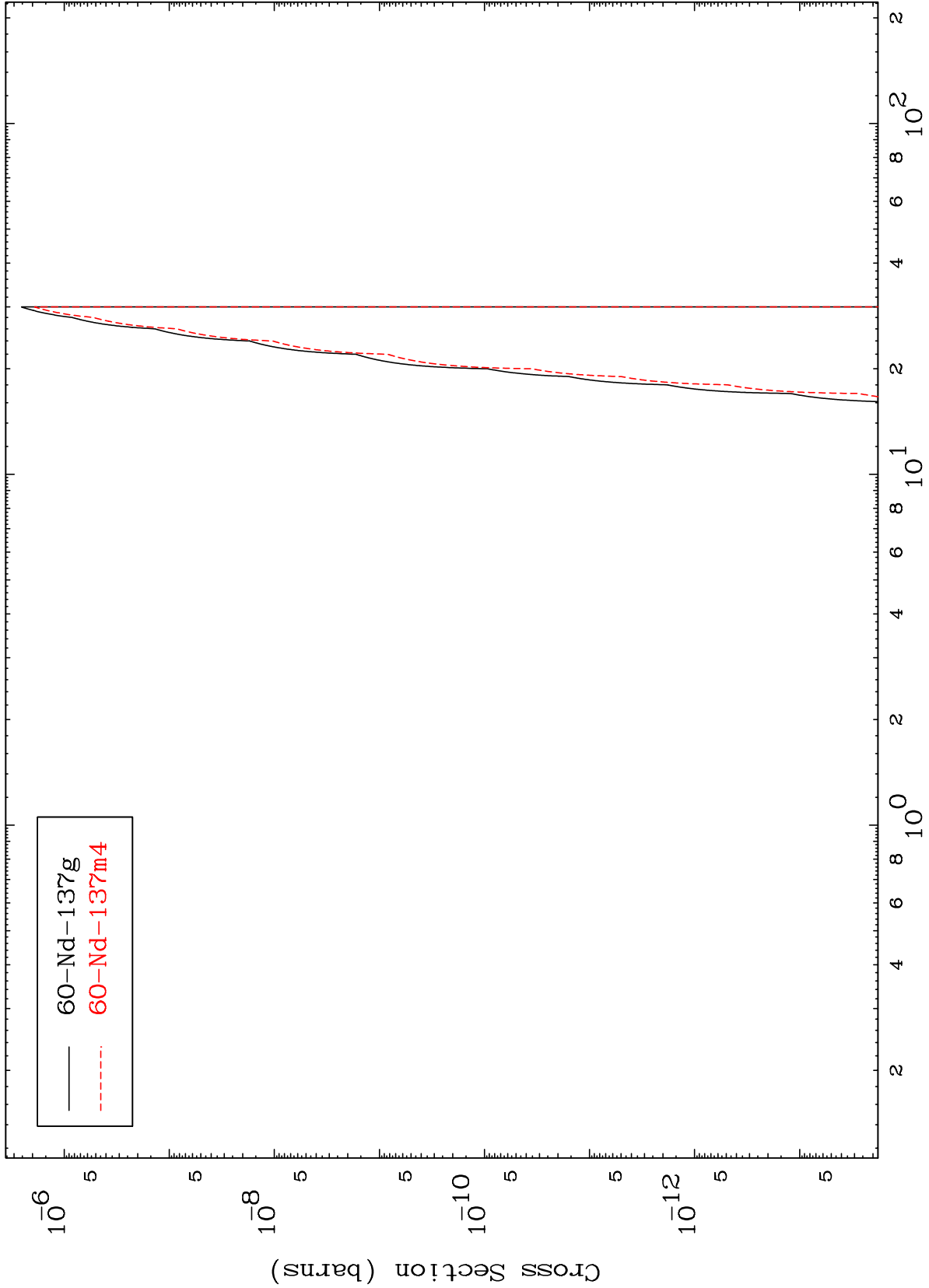
62-Sm-141

MAT 6217

($\alpha, 2\alpha$)

62-Sm-141

Radionuclide Production Cross Section

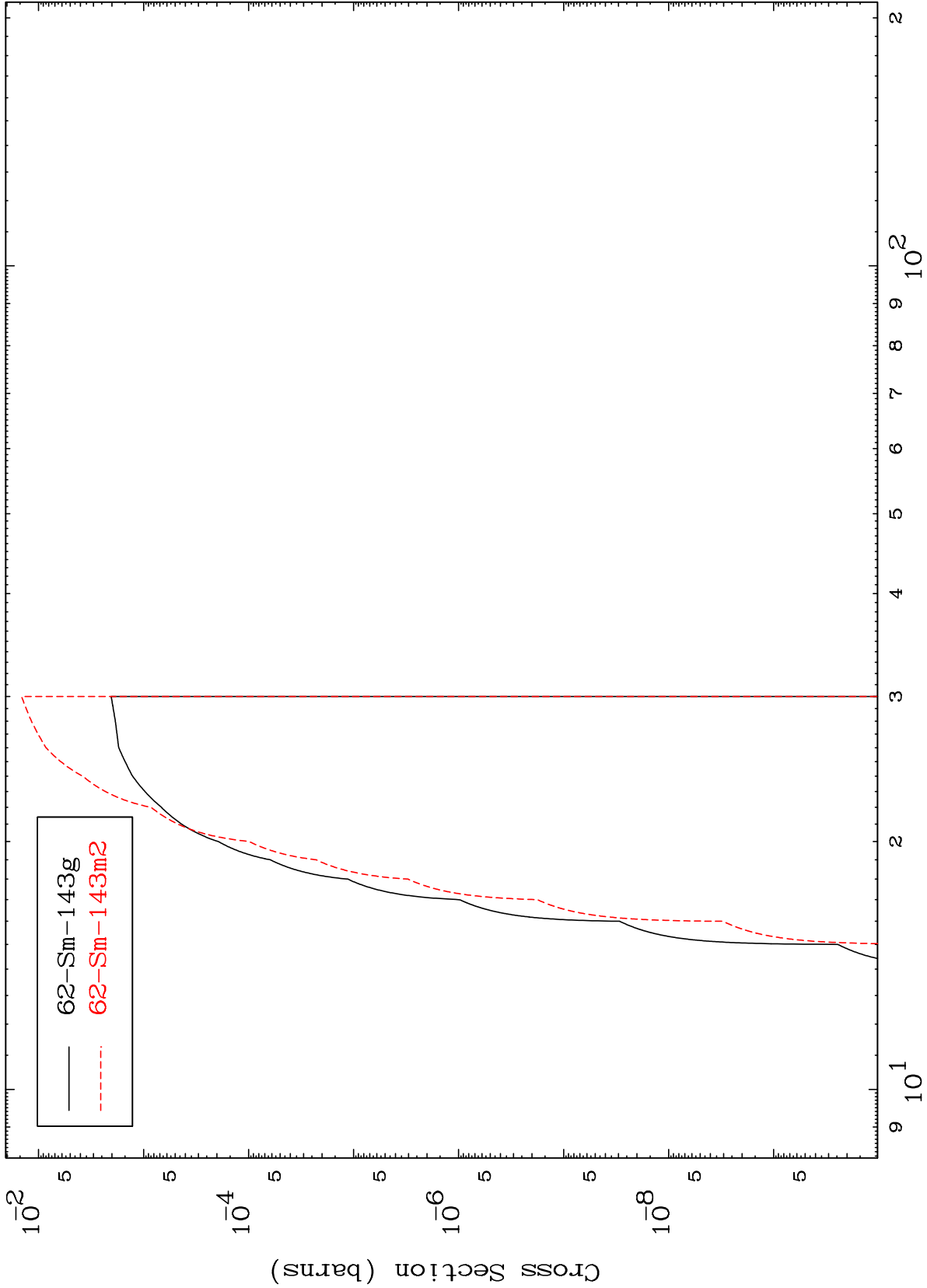


60-Nd-137g
60-Nd-137m4

MAT 6217

62-Sm-141

($\alpha, 2p$)
Radionuclide Production Cross Section



62-Sm-141

Incident Energy (MeV)

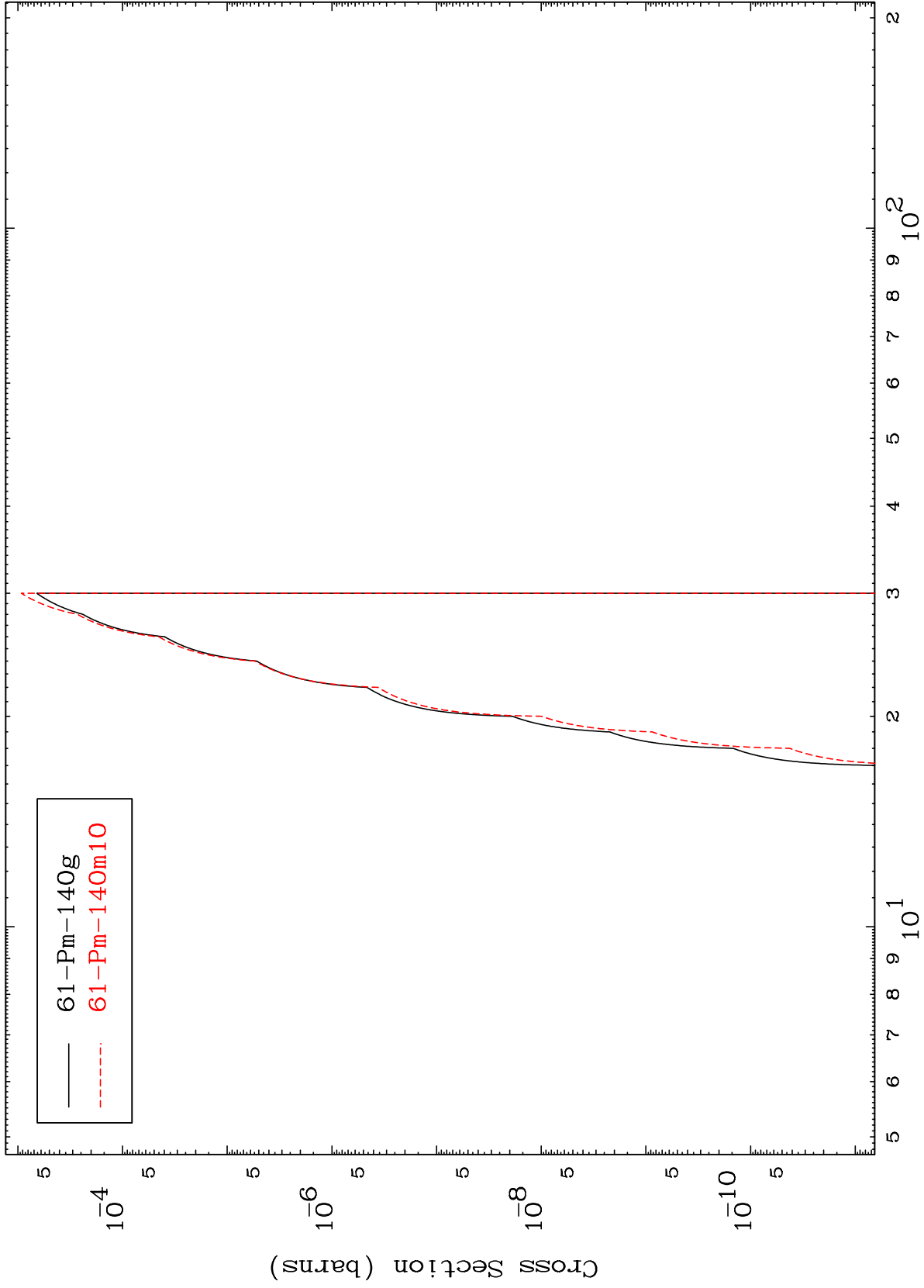
20

MAT 6217

(α, p) α

62-Sm-141

Radionuclide Production Cross Section



21

Incident Energy (MeV)

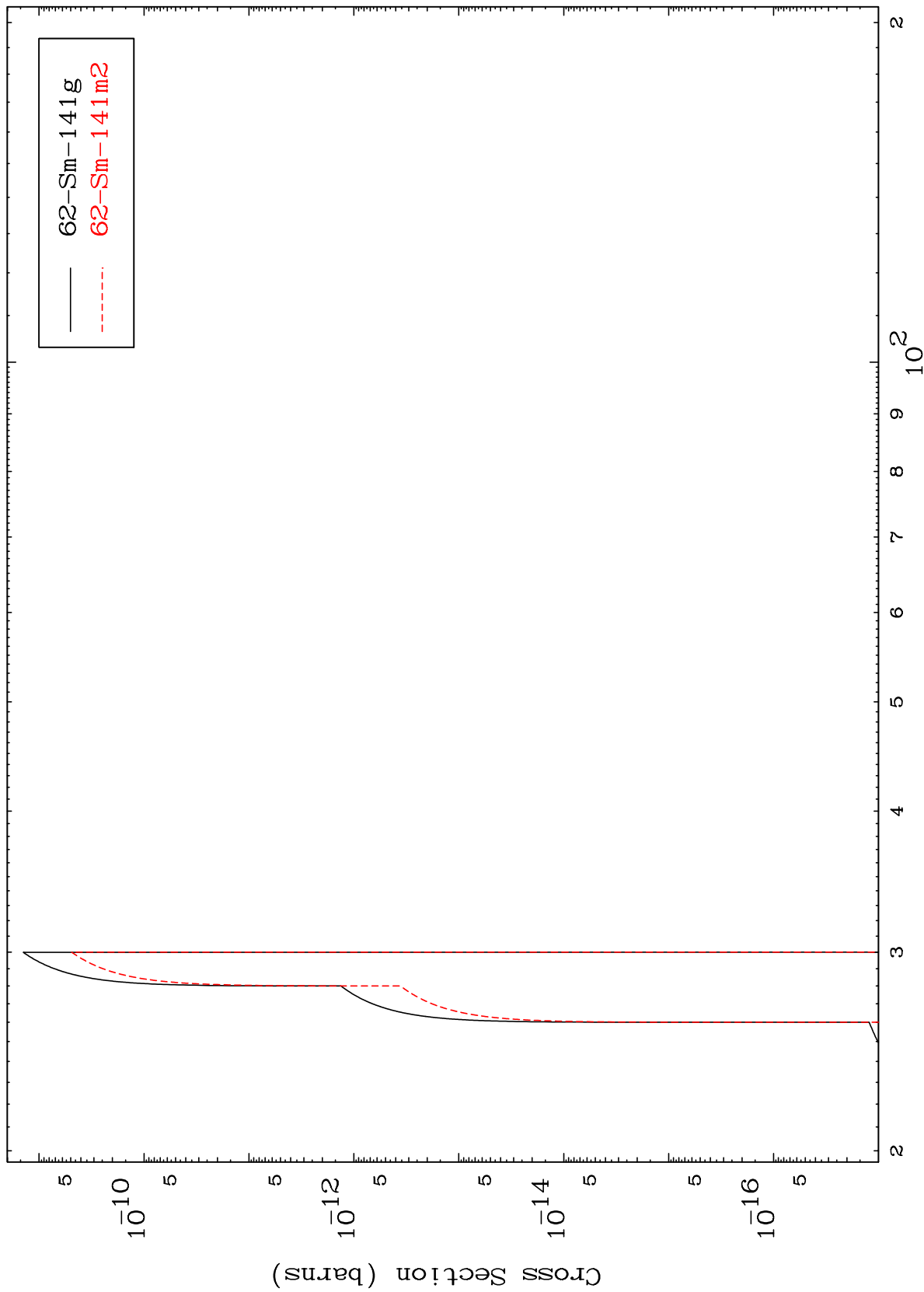
62-Sm-141

MAT 6217

(α, p) t

62-Sm-141

Radionuclide Production Cross Section



22

Incident Energy (MeV)

62-Sm-141