

Program EVALPLOT
(Version 2021-1)

by

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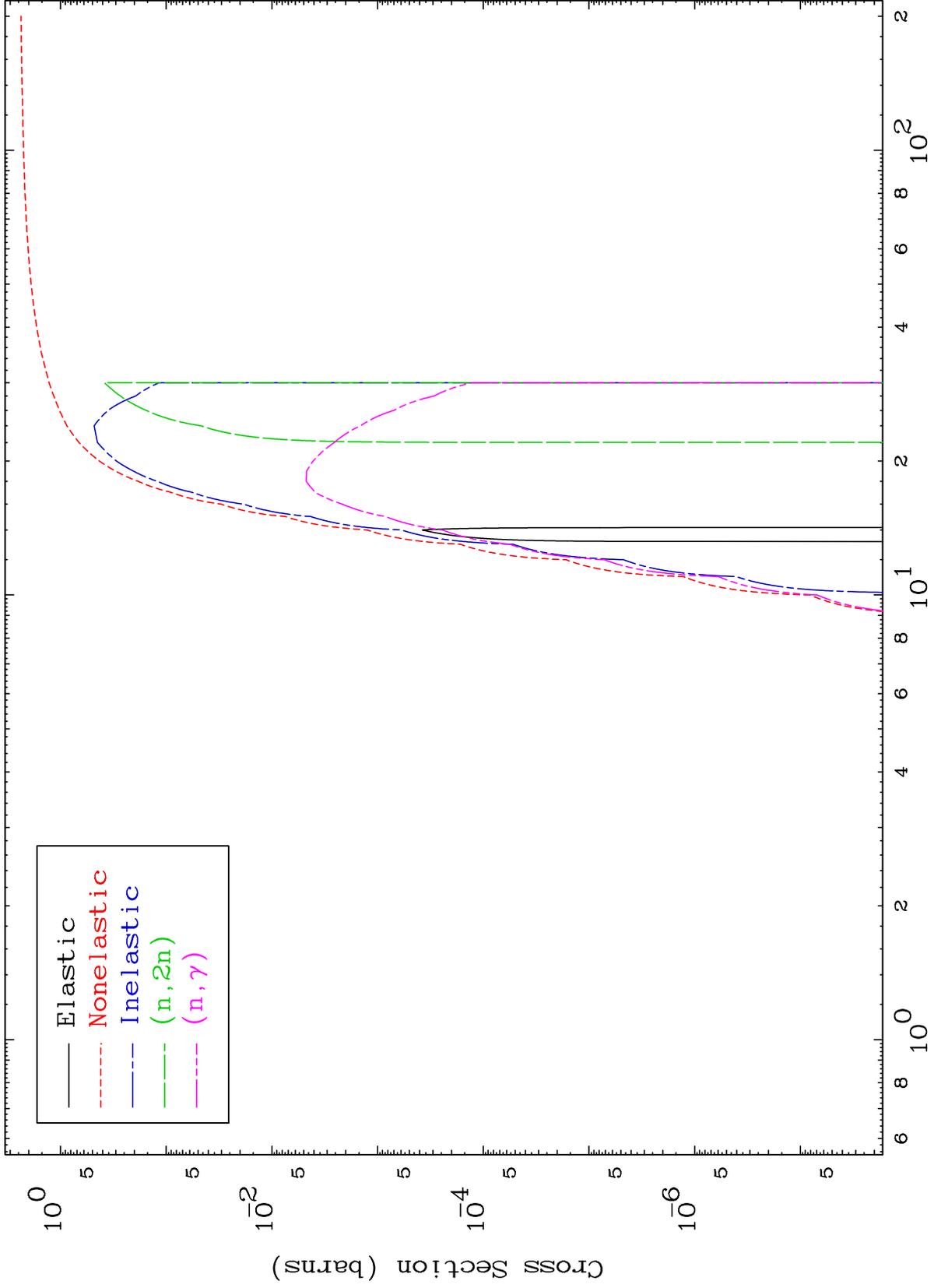
Press Mouse Button to Start

MAT 6216

0 Kelvin

α Major Cross Sections

62-Sm-141



1

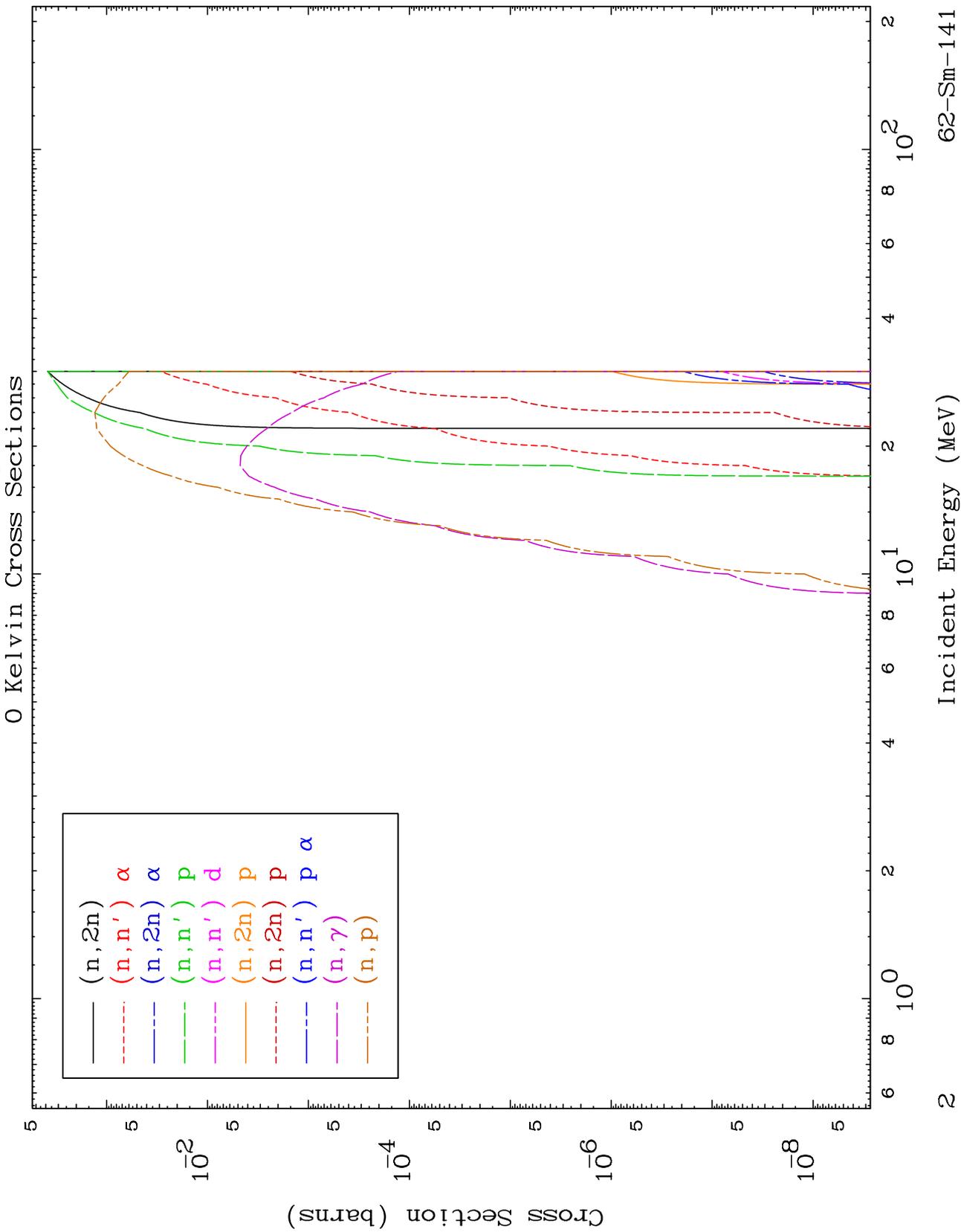
Incident Energy (MeV)

62-Sm-141

MAT 6216

α Neutron Absorption

62-Sm-141



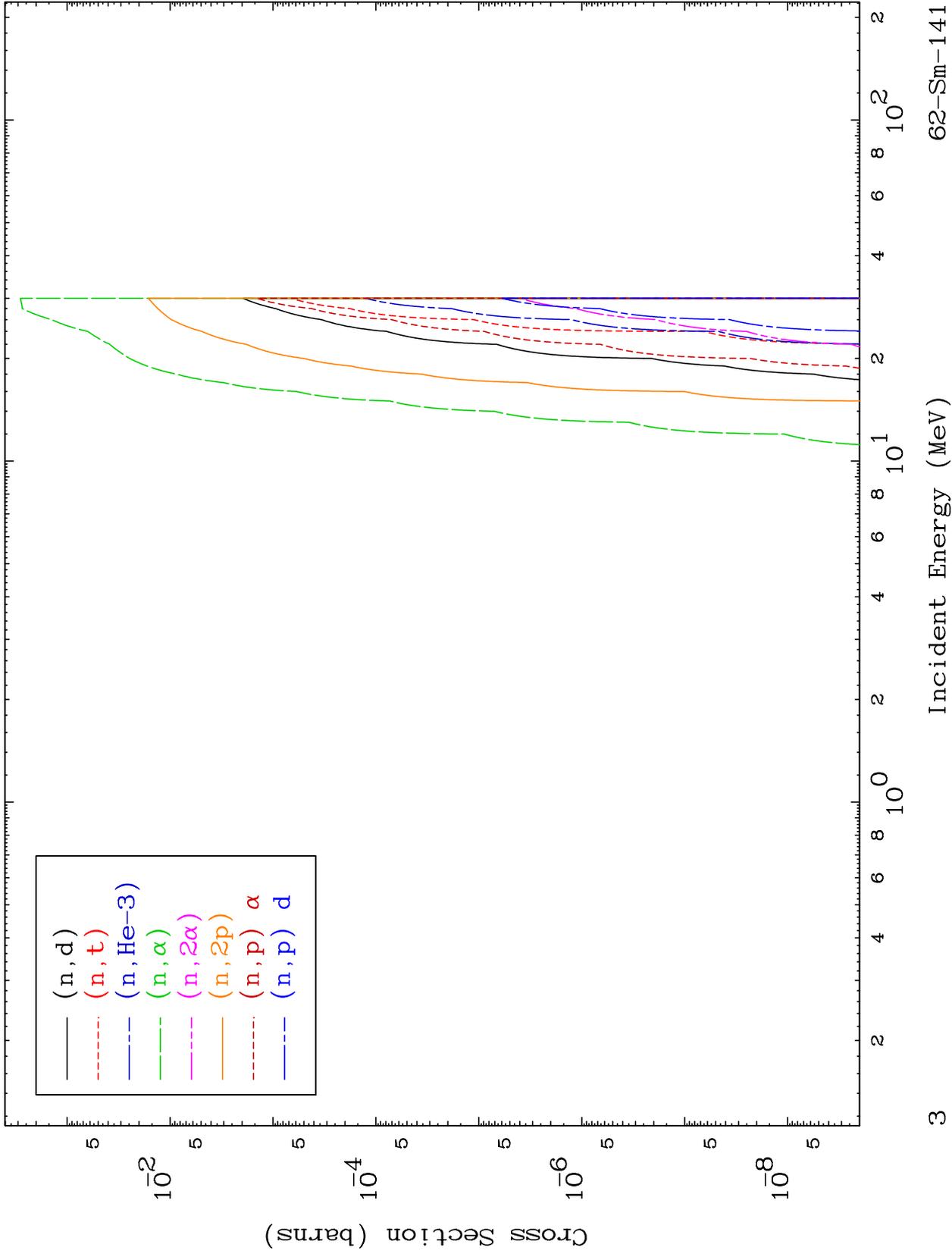
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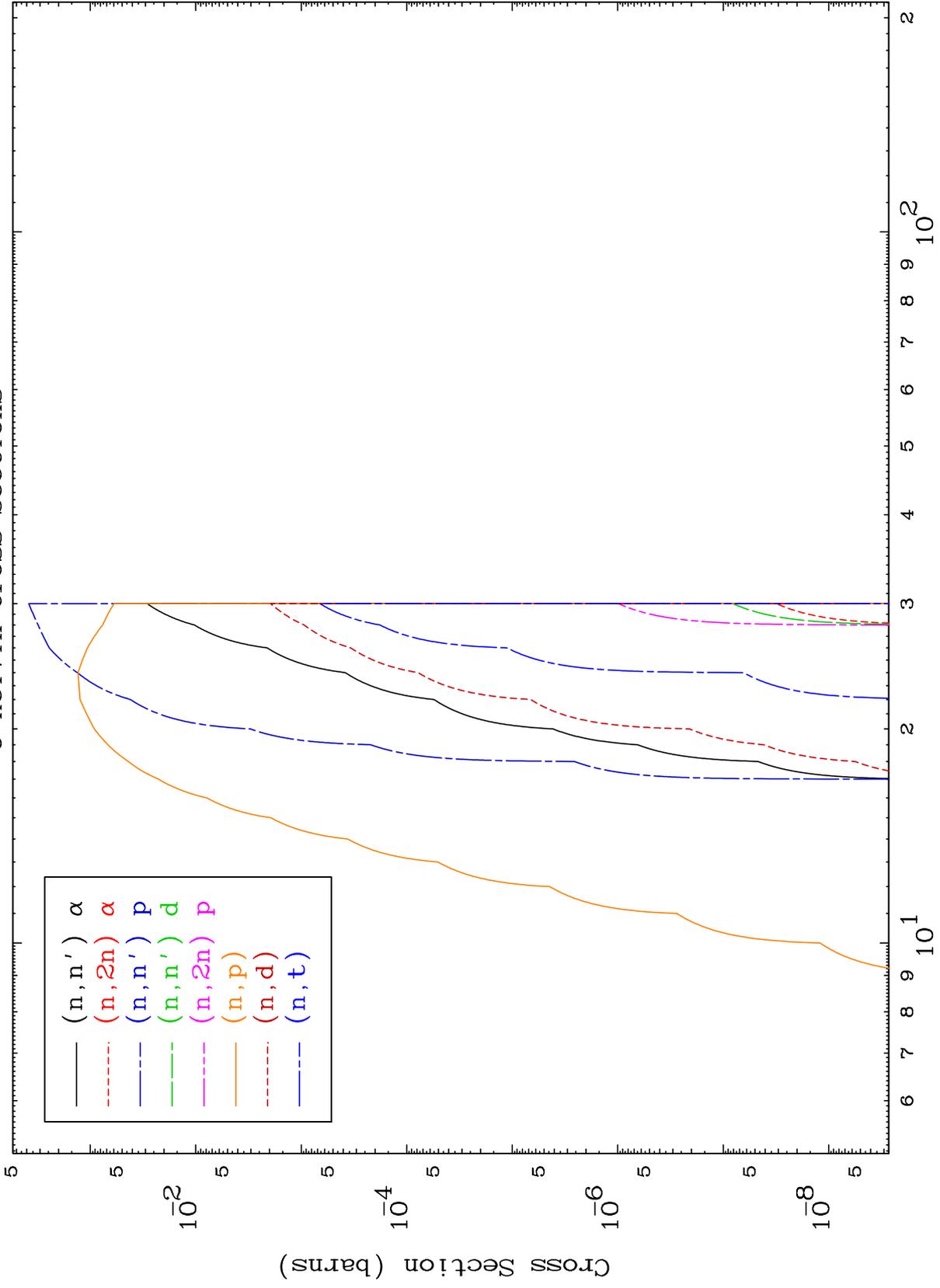
62-Sm-141

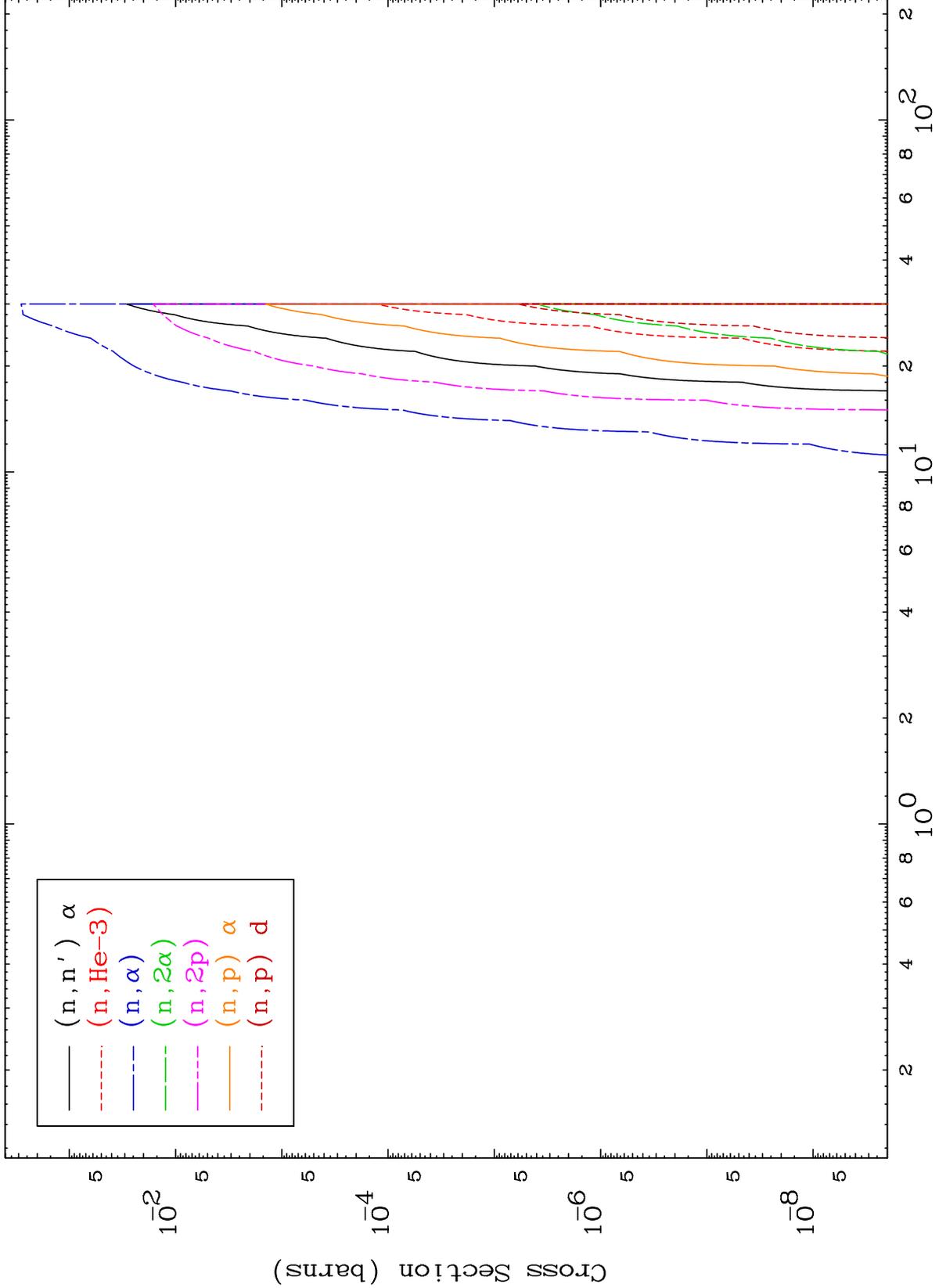
MAT 6216

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-141



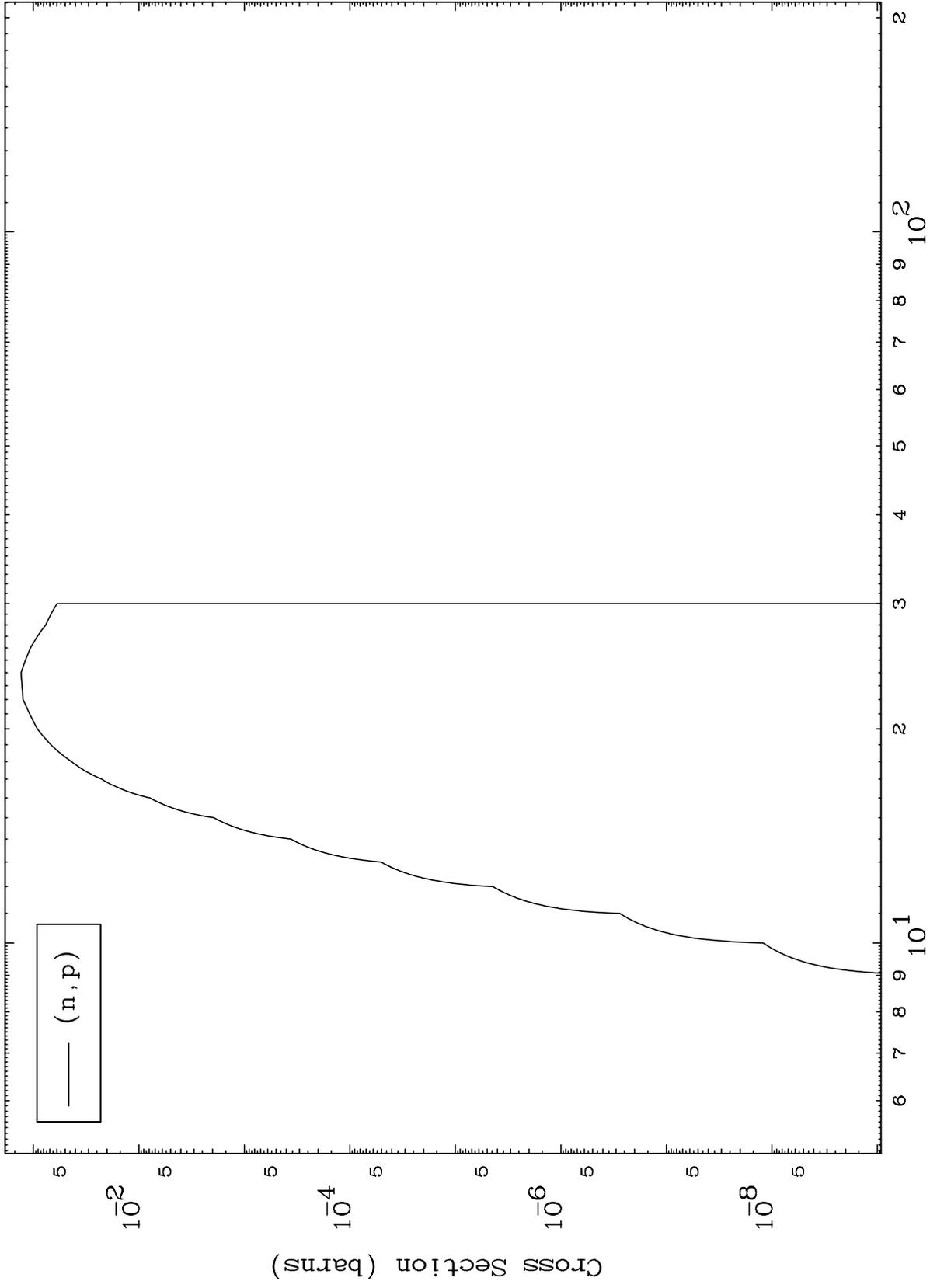




MAT 6216

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-141



6

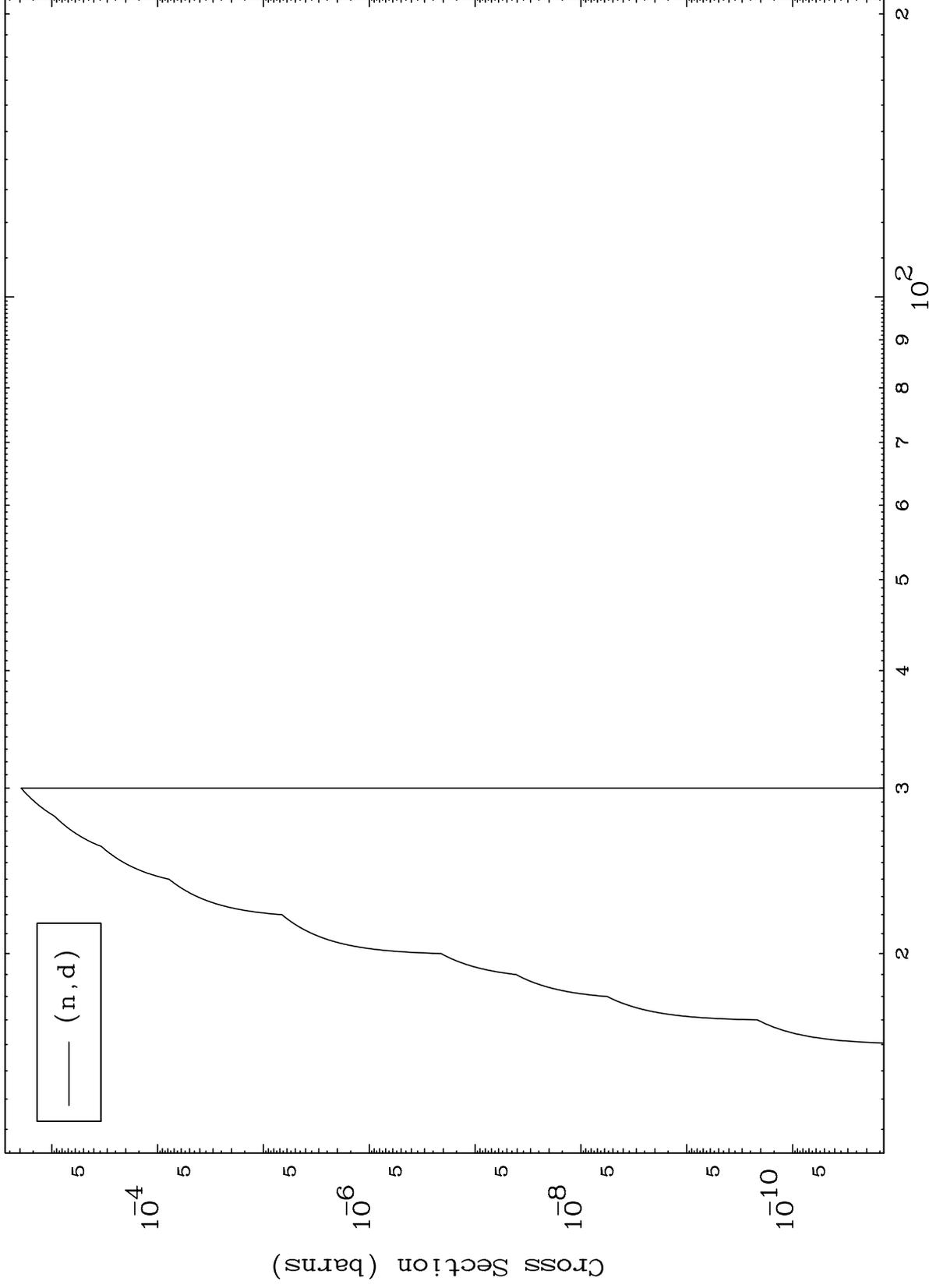
Incident Energy (MeV)

62-Sm-141

MAT 6216

(α, d) Levels
0 Kelvin Cross Sections

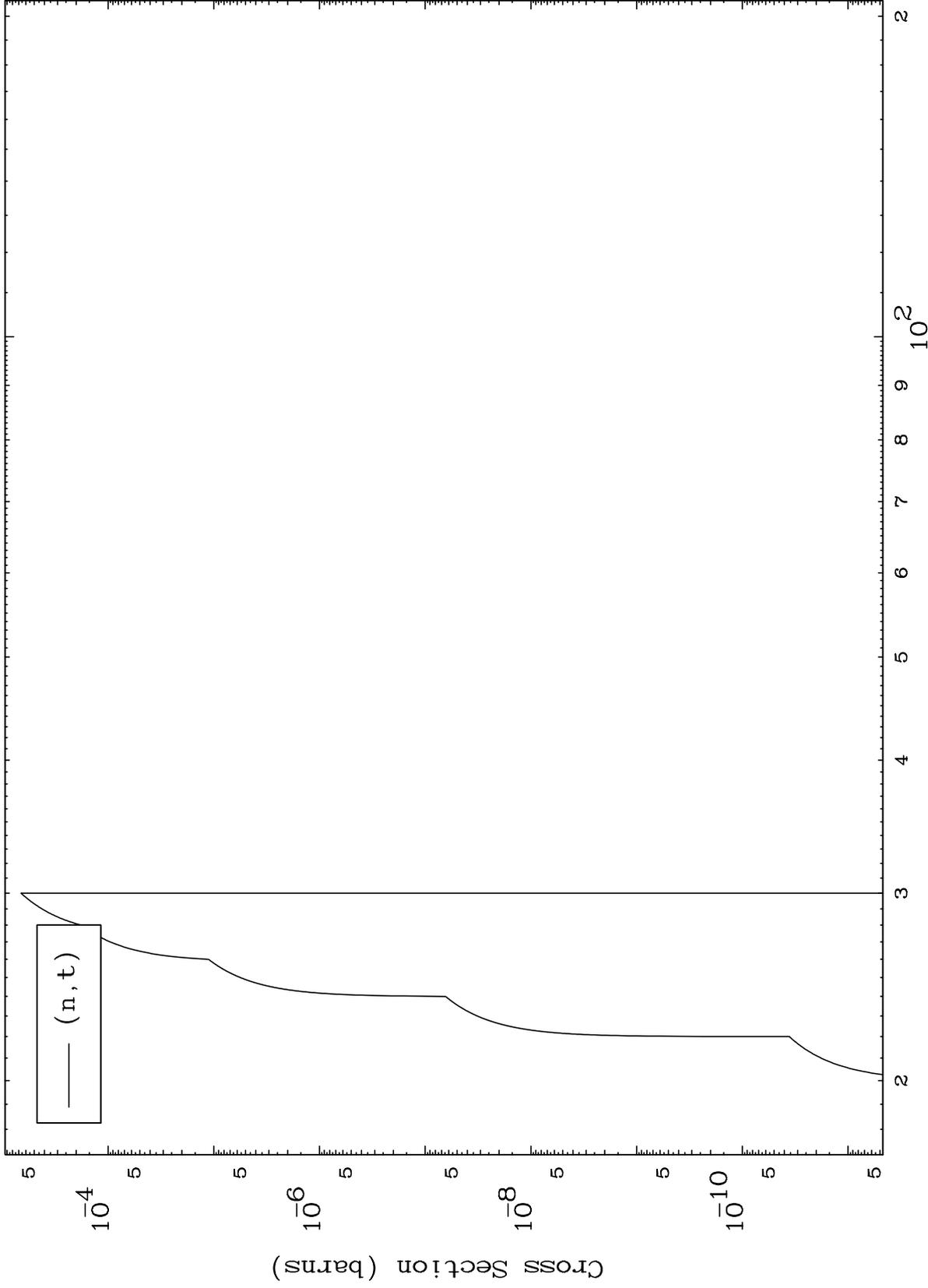
$^{62}\text{Sm}-141$



7

Incident Energy (MeV)

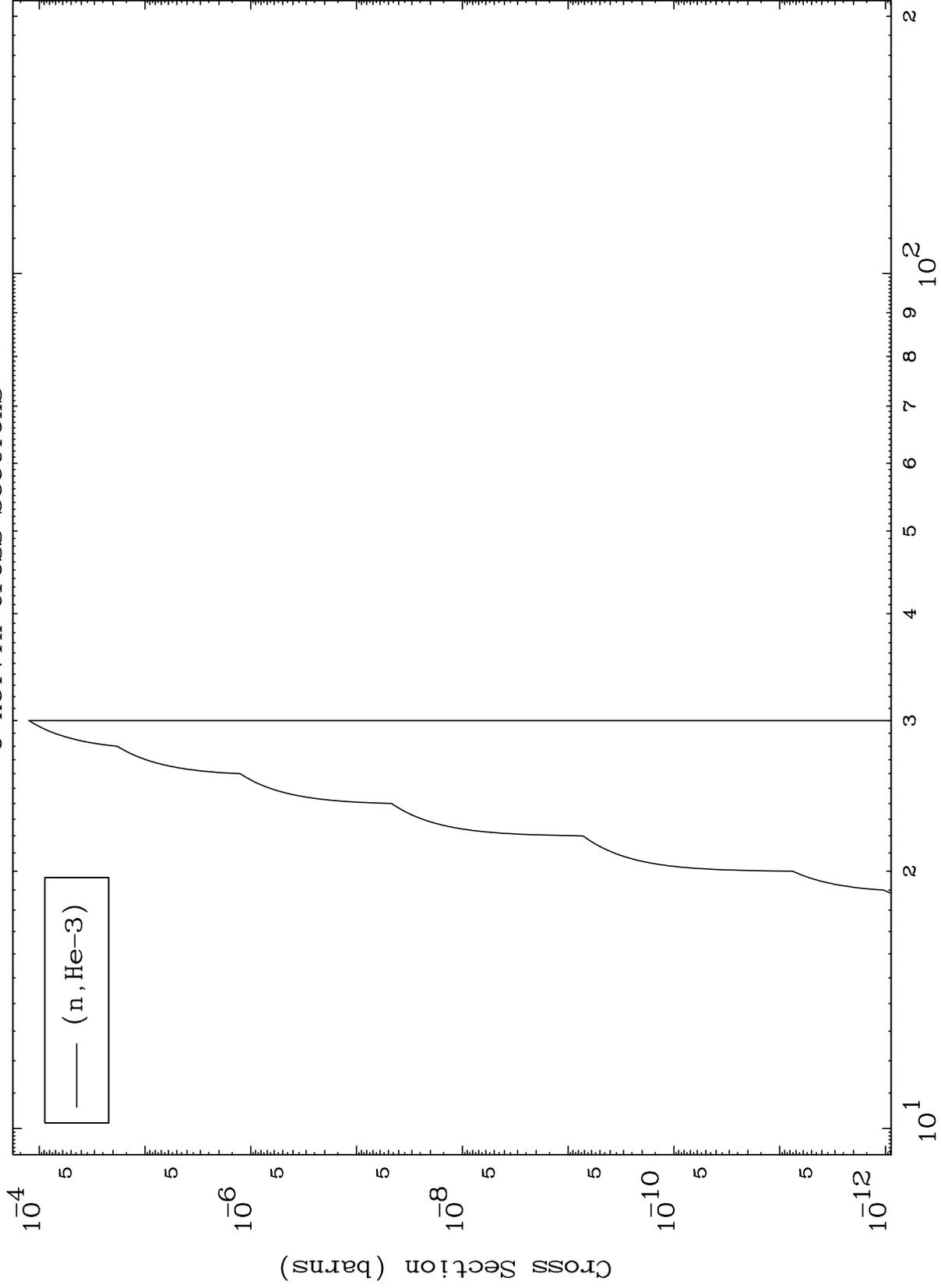
$^{62}\text{Sm}-141$



MAT 6216

62-Sm-141

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



62-Sm-141

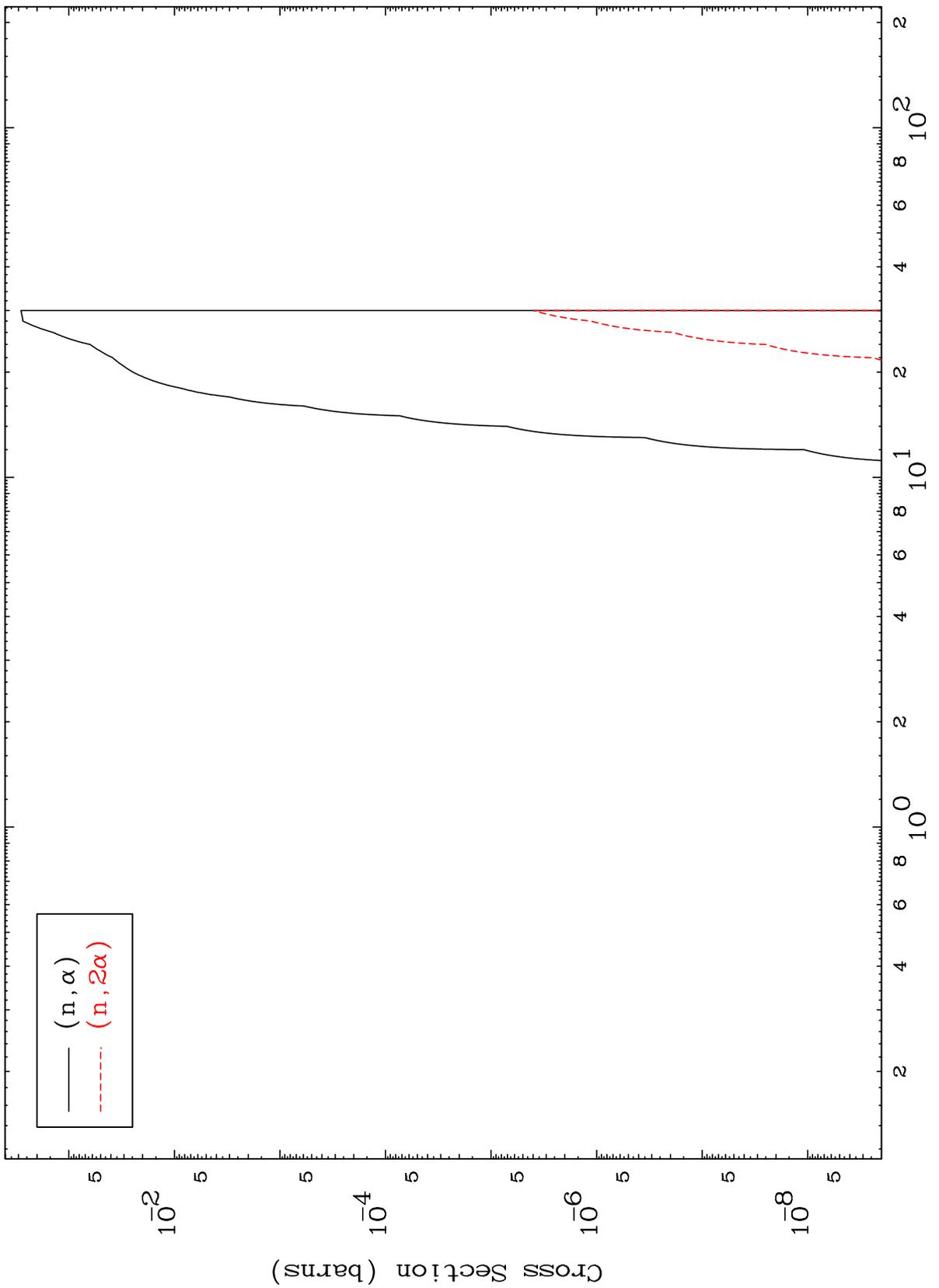
Incident Energy (MeV)

MAT 6216

(α, α) Levels

62-Sm-141

0 Kelvin Cross Sections



10

Incident Energy (MeV)

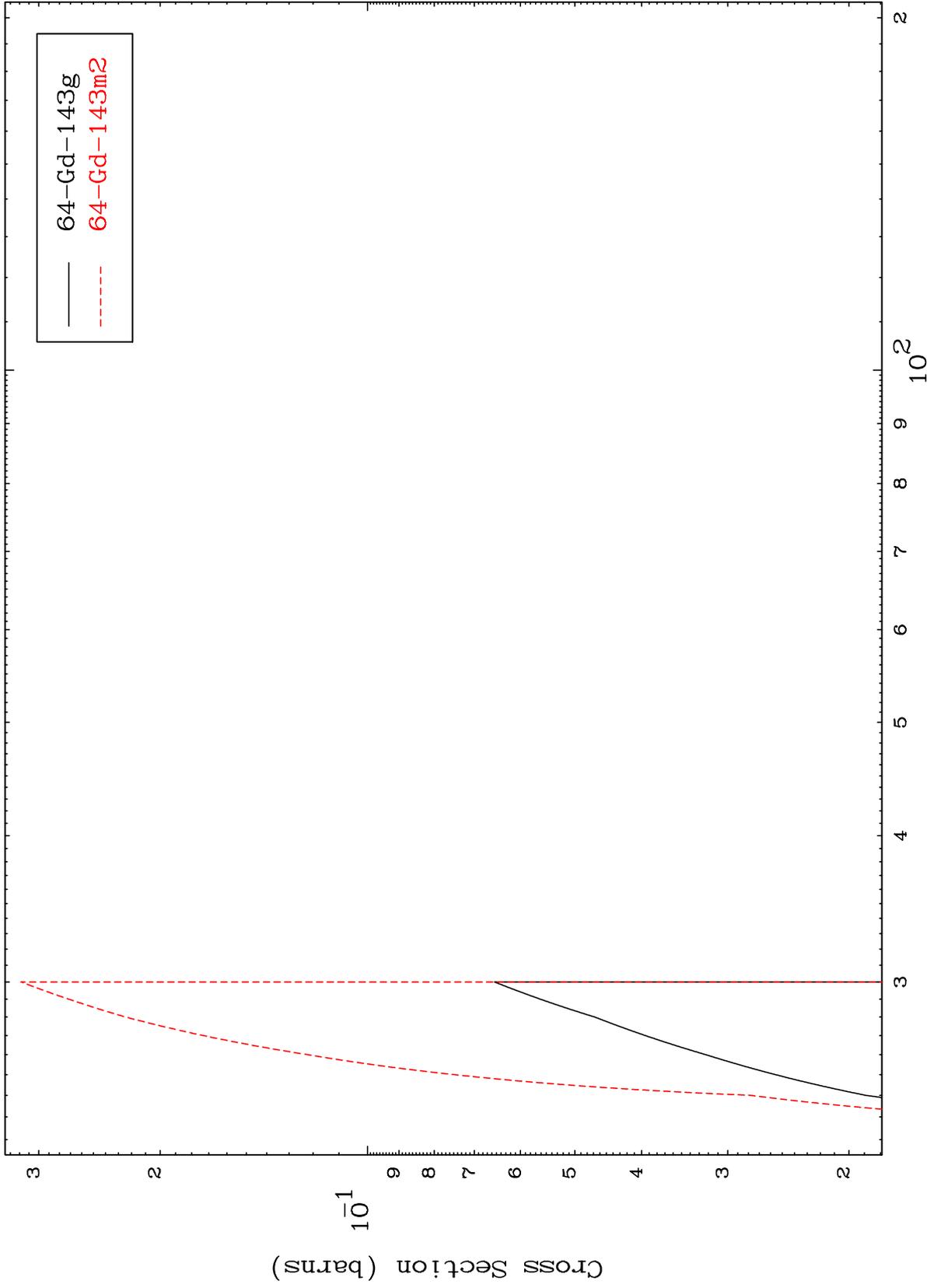
62-Sm-141

MAT 6216

(n,2n)

62-Sm-141

Radionuclide Production Cross Section



11

Incident Energy (MeV)

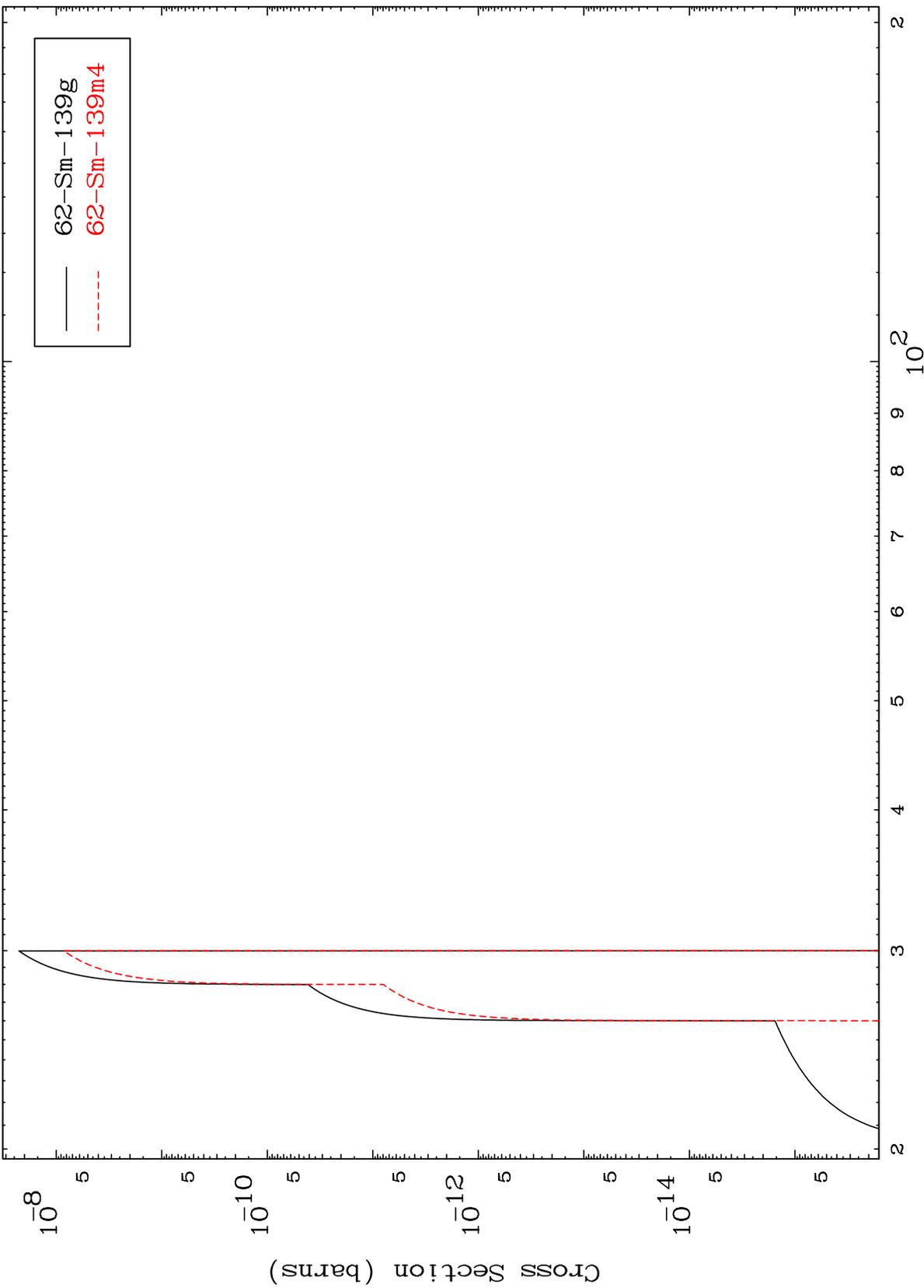
62-Sm-141

MAT 6216

$(n,2n) \alpha$

62-Sm-141

Radionuclide Production Cross Section

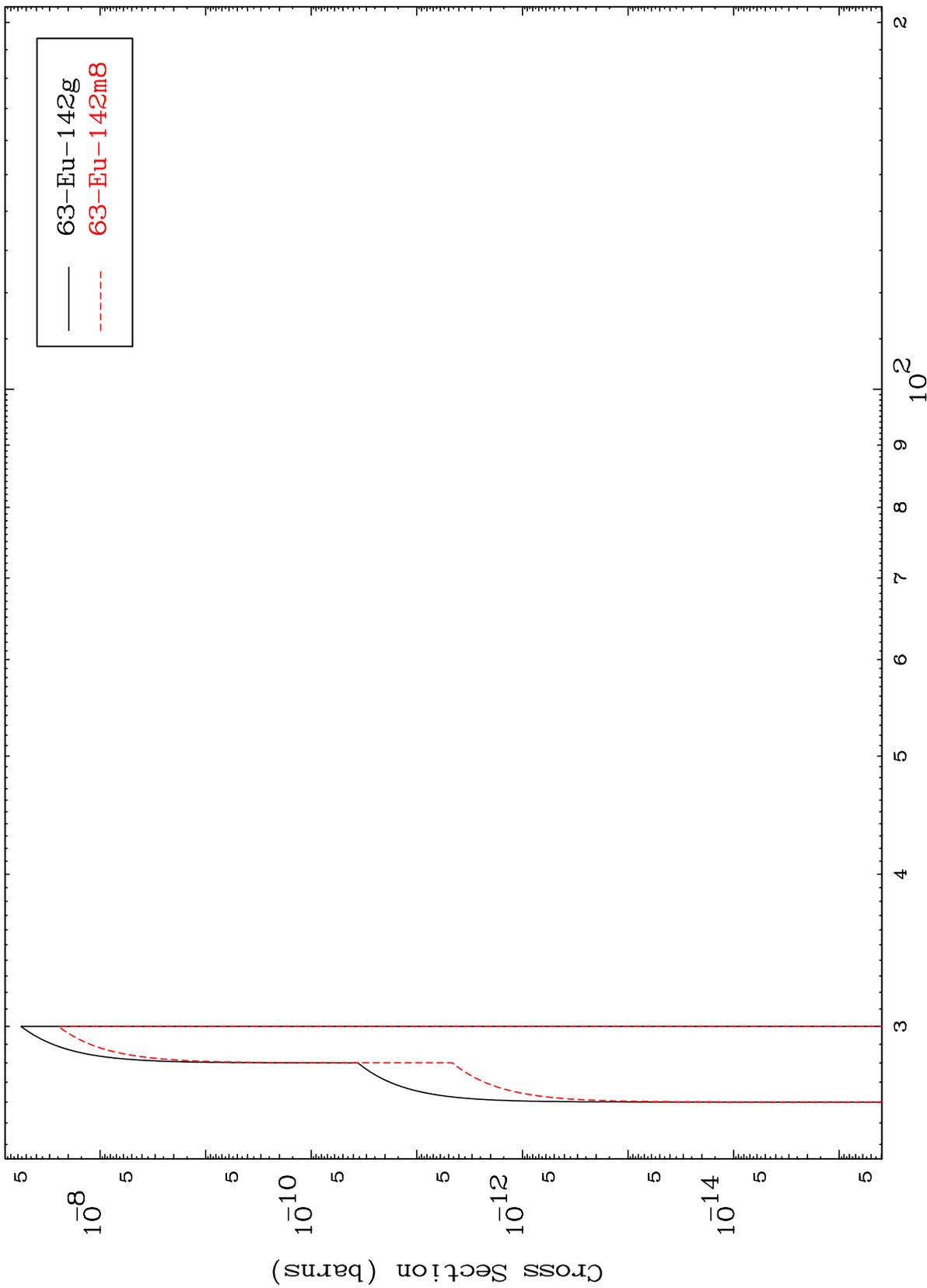


12

Incident Energy (MeV)

62-Sm-141

Radionuclide Production Cross Section

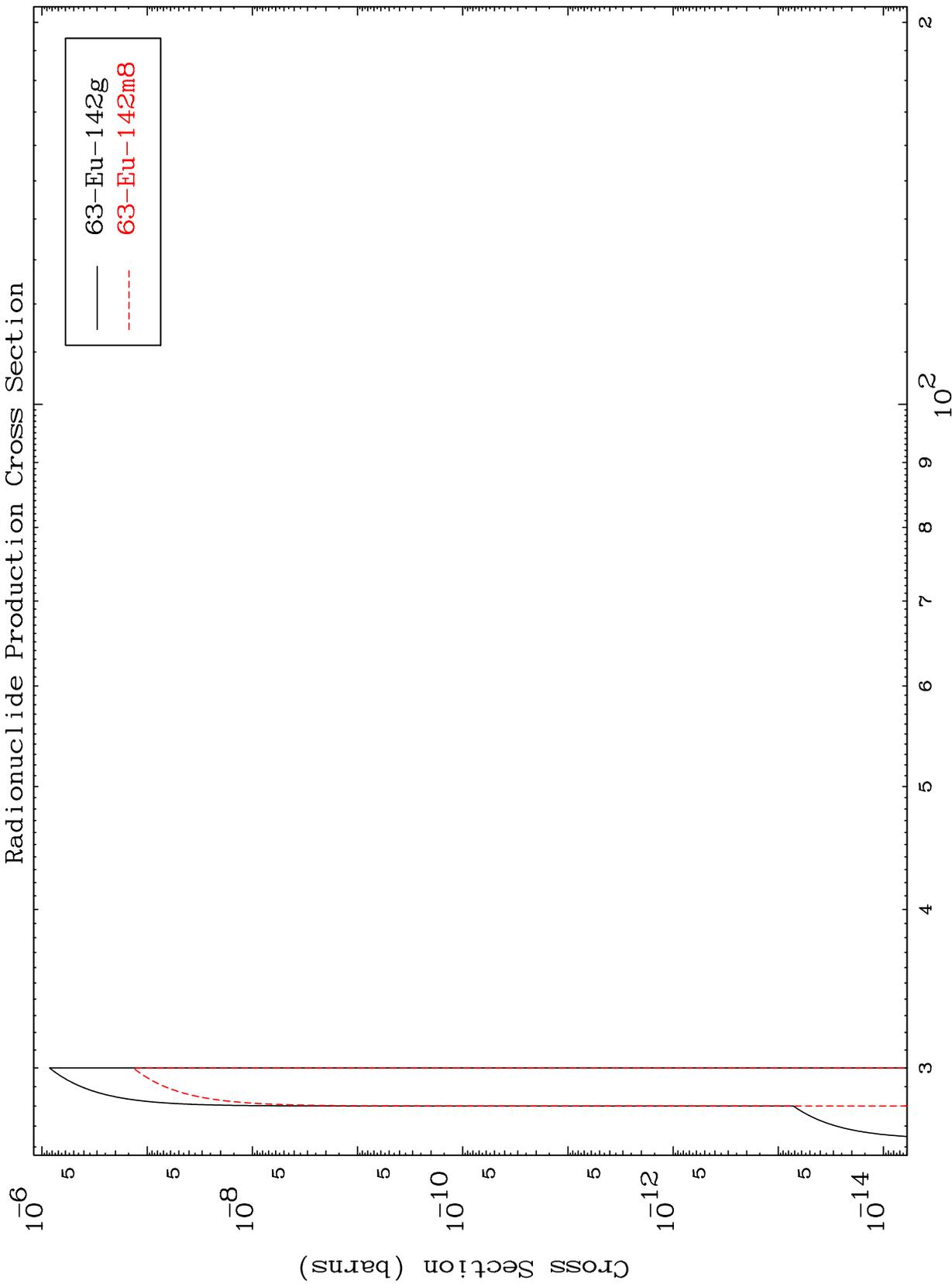


MAT 6216

(n,2n) p

62-Sm-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

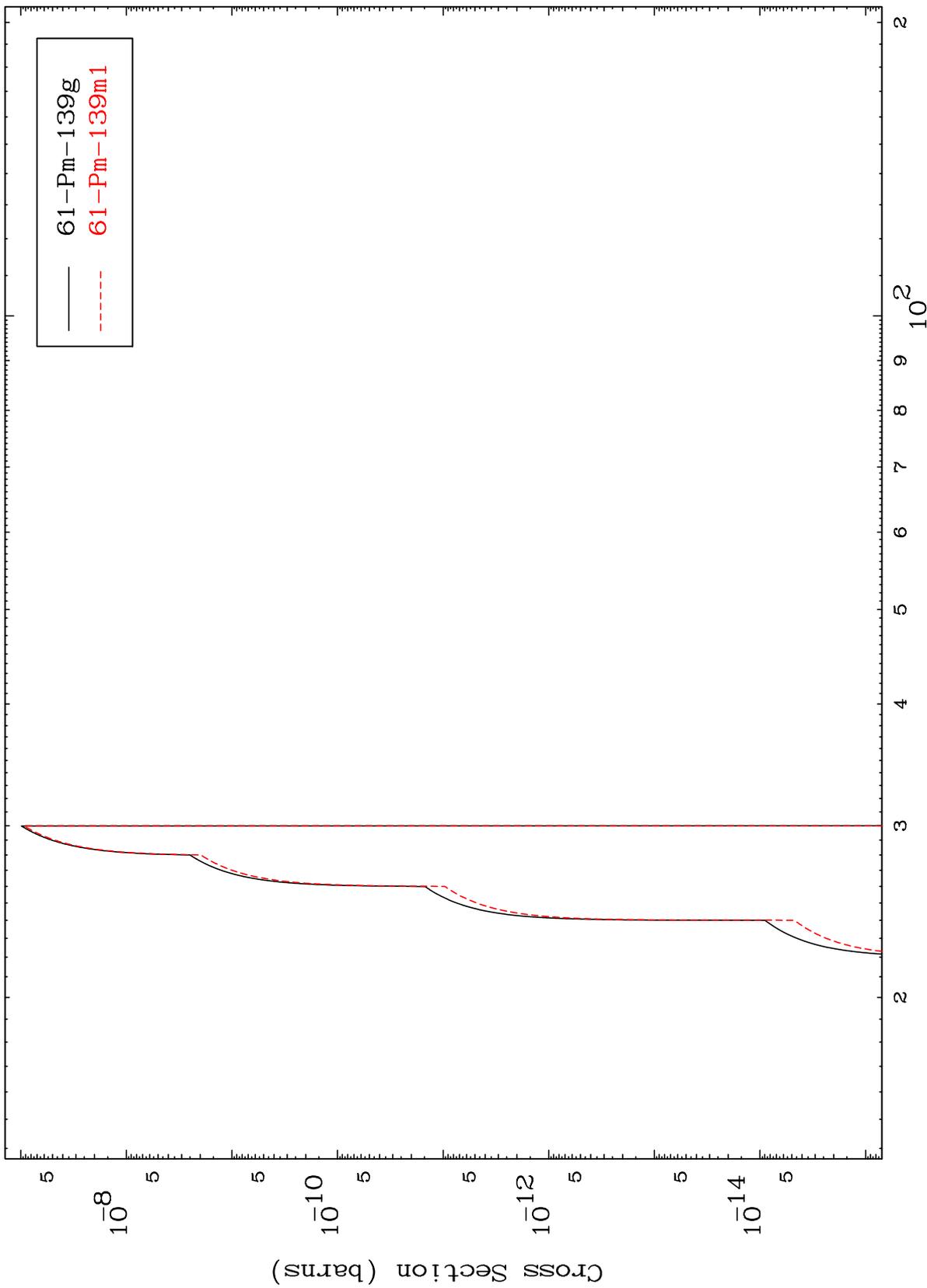
62-Sm-141

MAT 6216

(n,n') p α

62-Sm-141

Radionuclide Production Cross Section



15

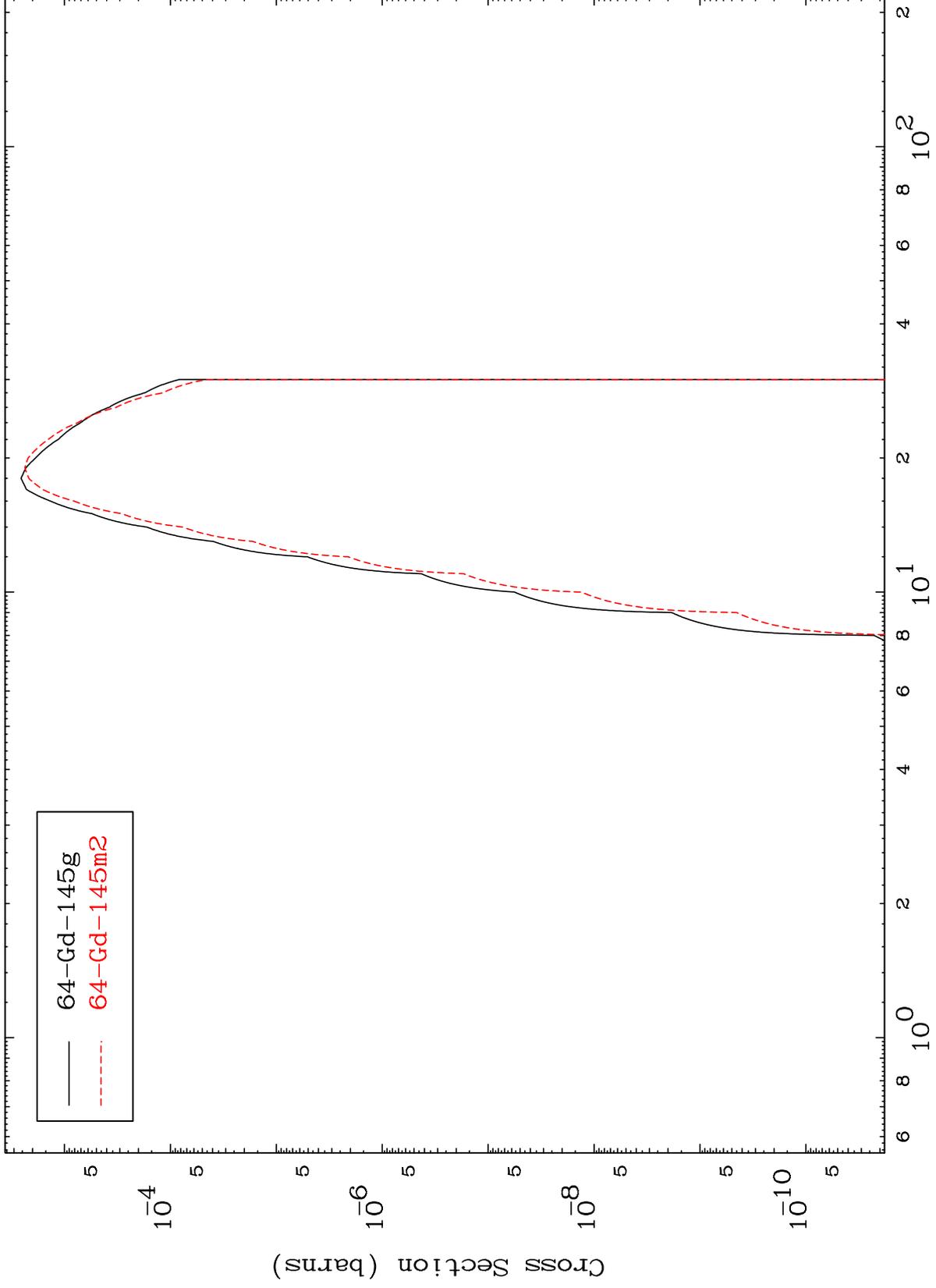
Incident Energy (MeV)

62-Sm-141

MAT 6216

62-Sm-141

(n,γ)
Radionuclide Production Cross Section

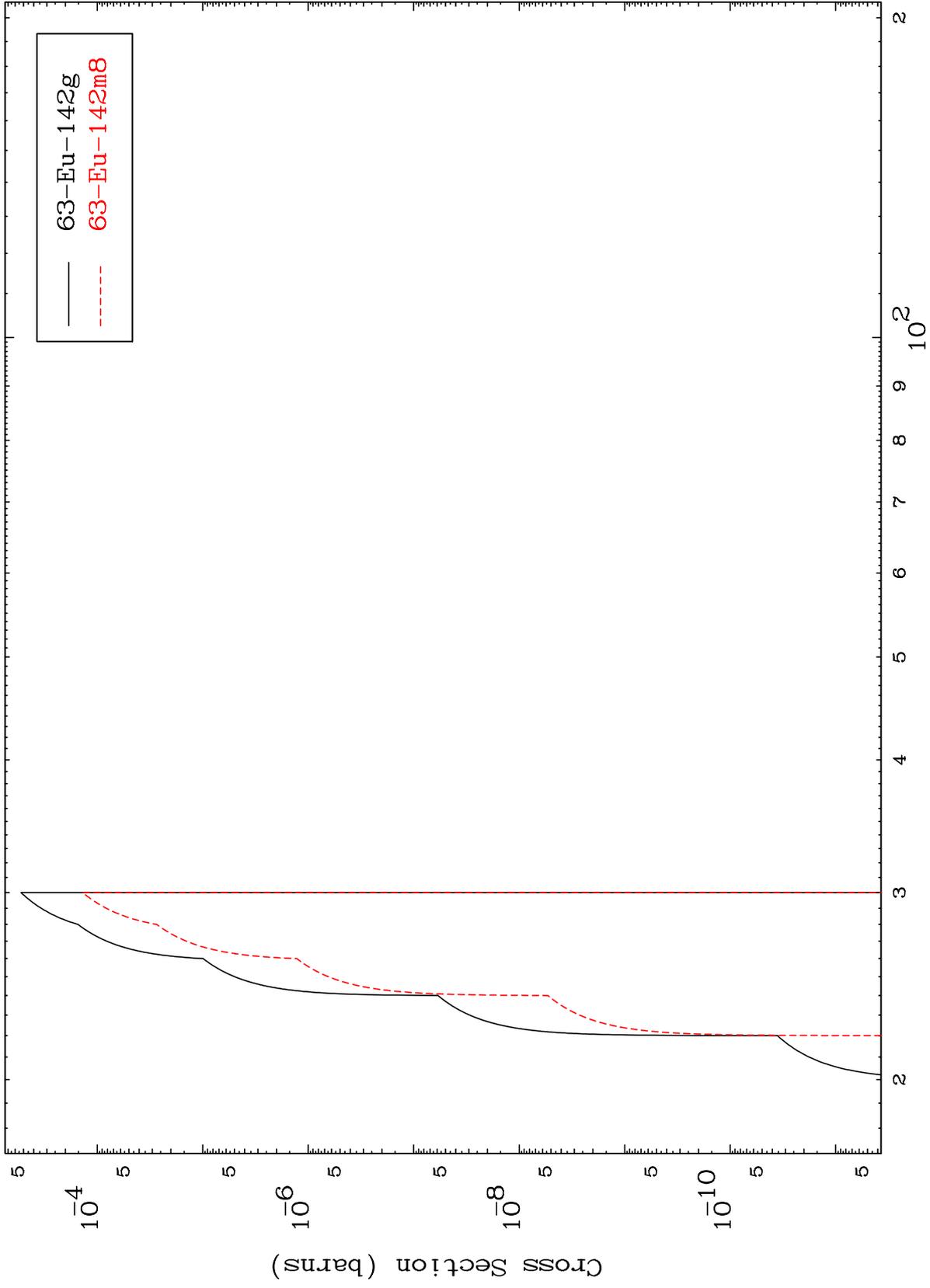


16

Incident Energy (MeV)

62-Sm-141

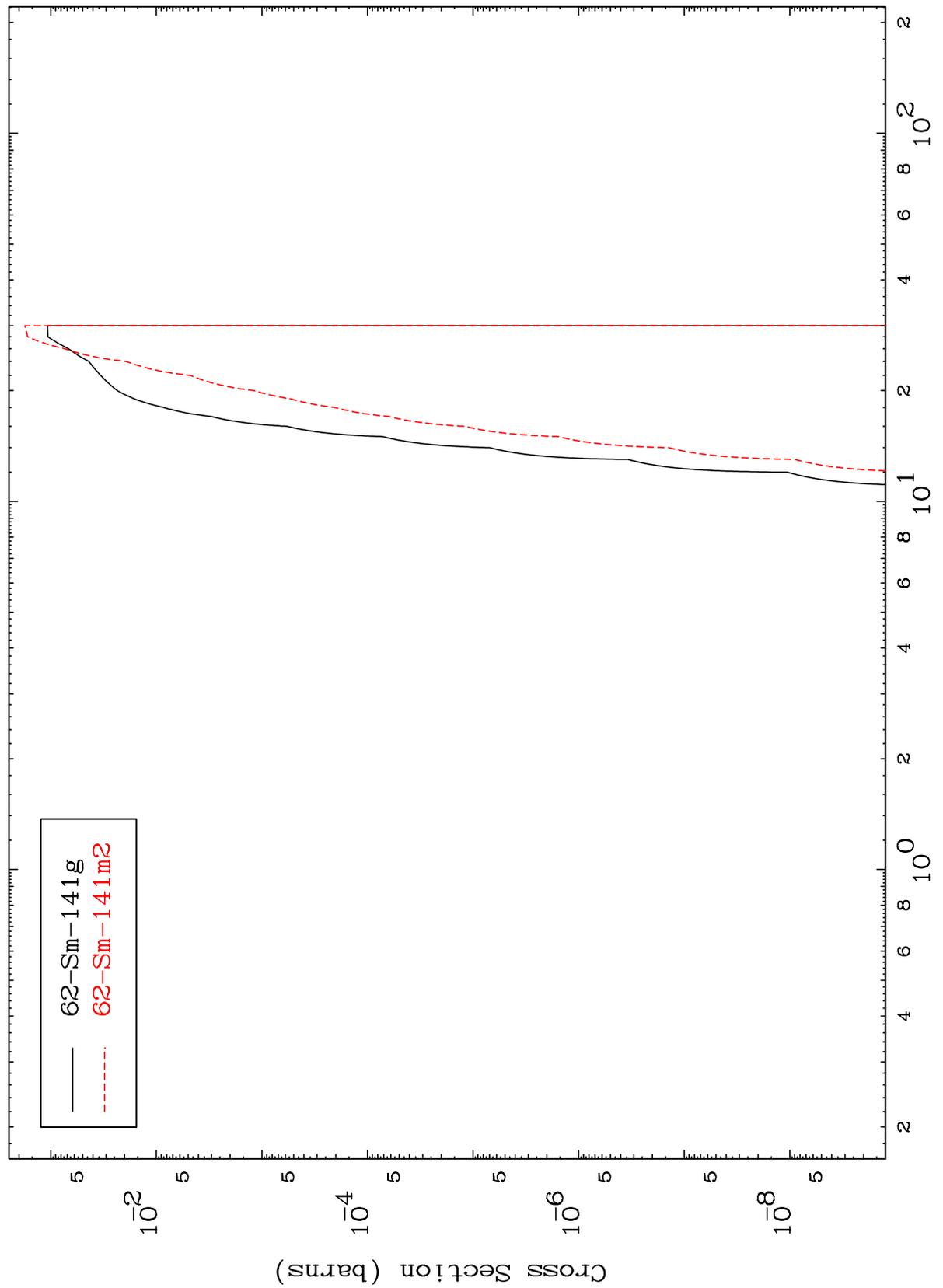
(n, t)
Radionuclide Production Cross Section



MAT 6216

62-Sm-141

(n, α)
Radionuclide Production Cross Section



62-Sm-141 g
62-Sm-141 m2

62-Sm-141

Incident Energy (MeV)

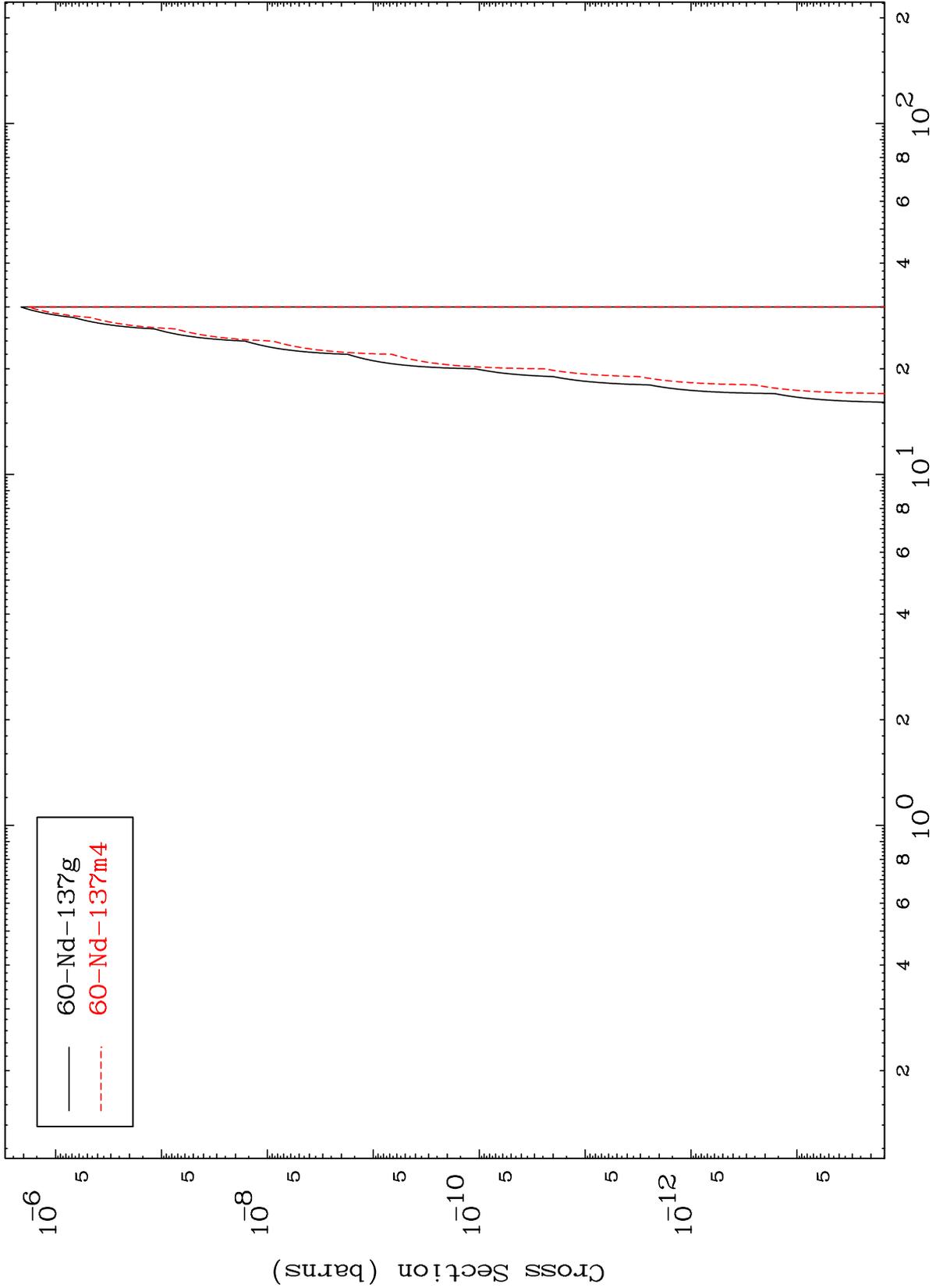
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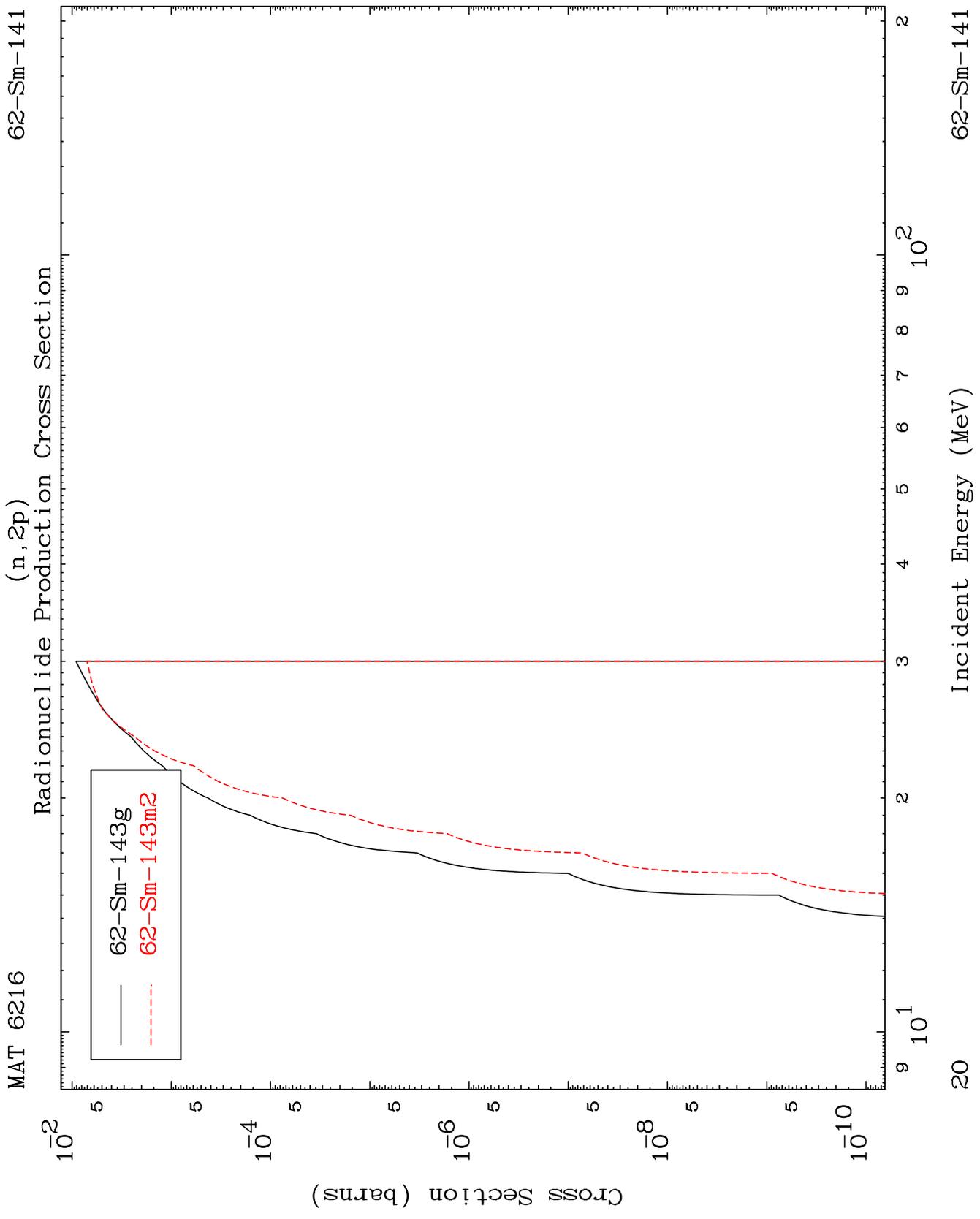
MAT 6216

(n,2α)

62-Sm-141

Radionuclide Production Cross Section



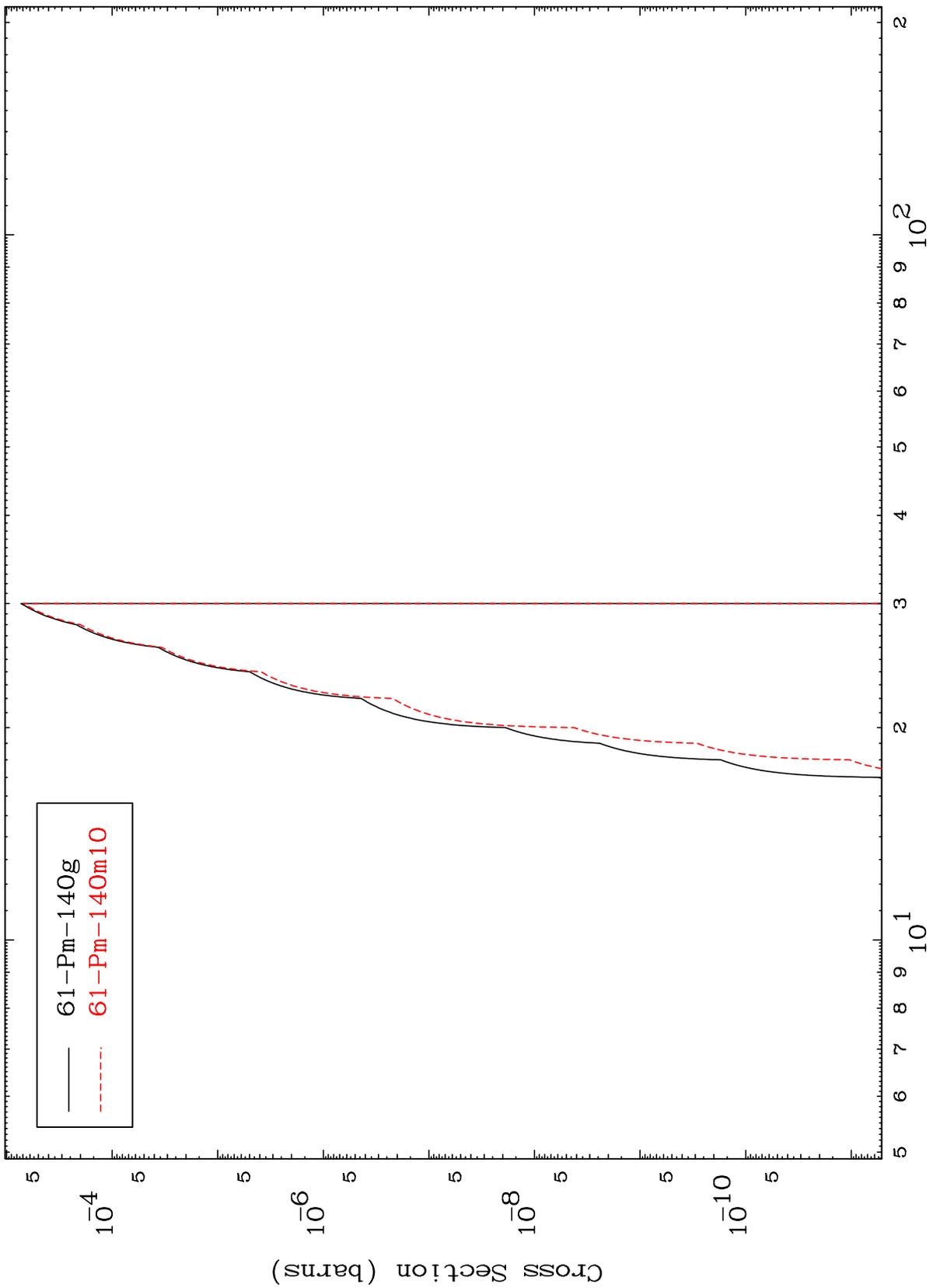


MAT 6216

(n,p) α

62-Sm-141

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

21

Incident Energy (MeV)

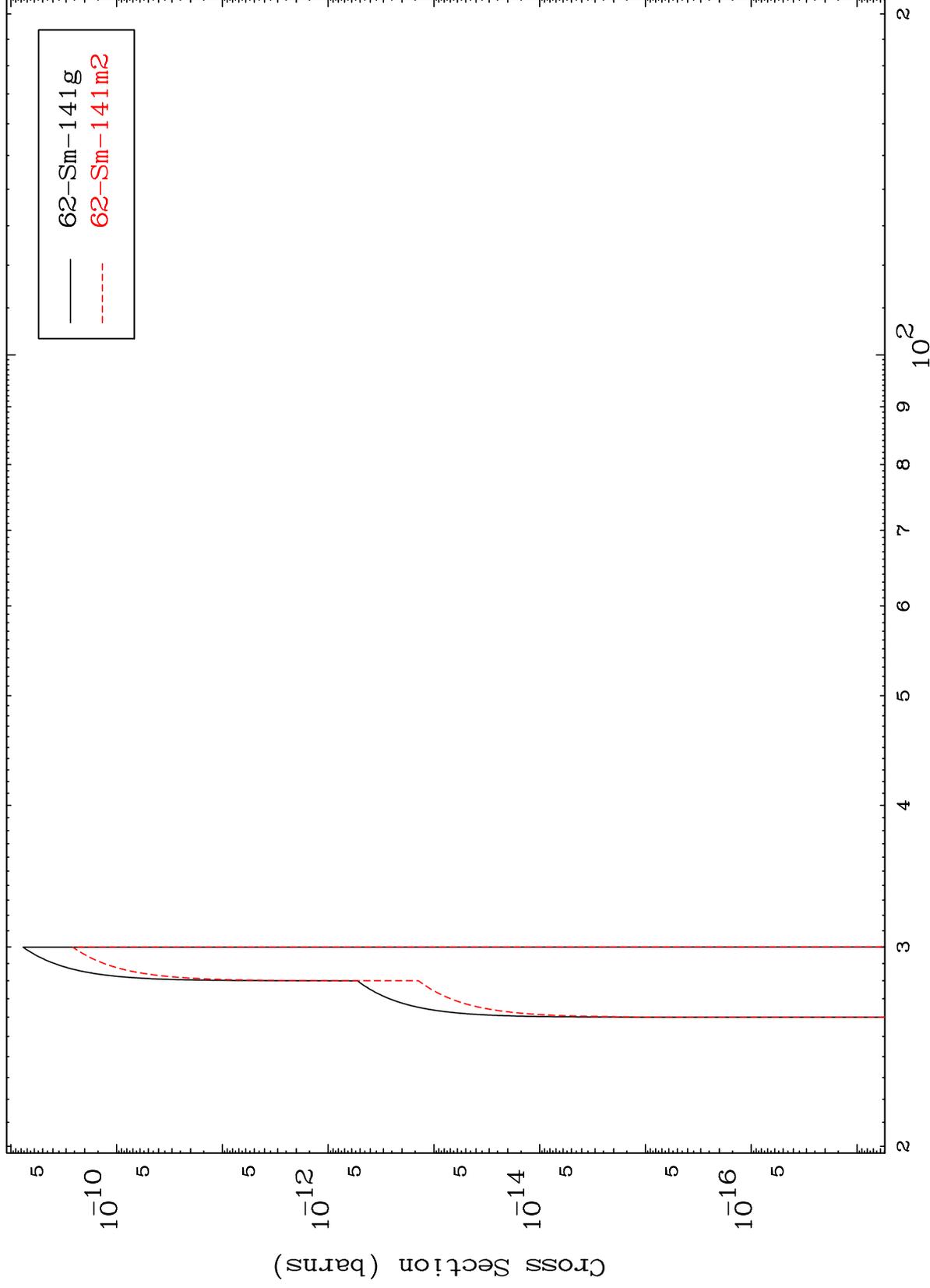
62-Sm-141

MAT 6216

(n,p) t

62-Sm-141

Radionuclide Production Cross Section



22

Incident Energy (MeV)

62-Sm-141