

Program EVALPLOT
(Version 2021-1)

by

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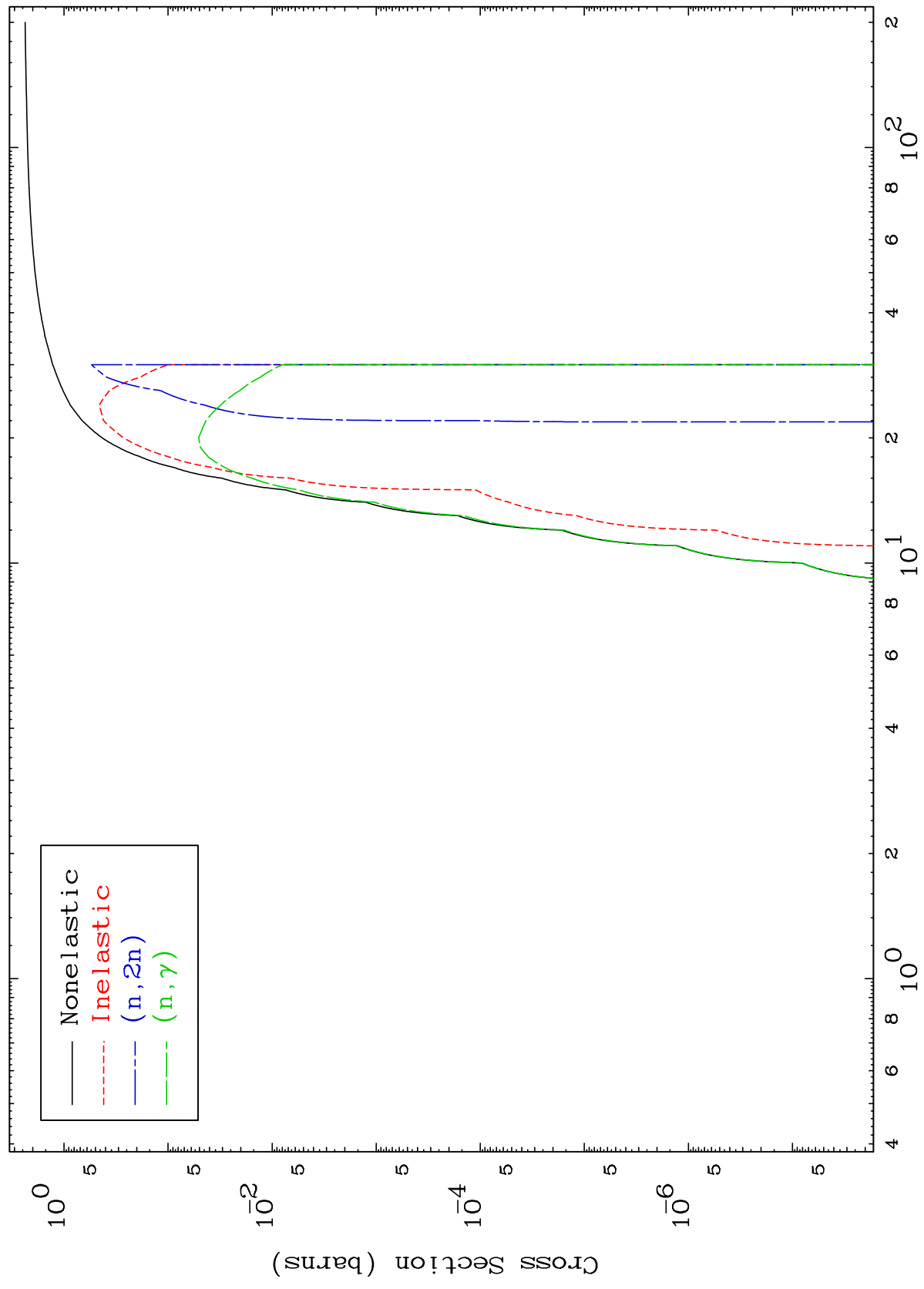
Press Mouse Button to Start

MAT 6217

α Major

62-Sm-141m

0 Kelvin Cross Sections



Incident Energy (MeV)

62-Sm-141m

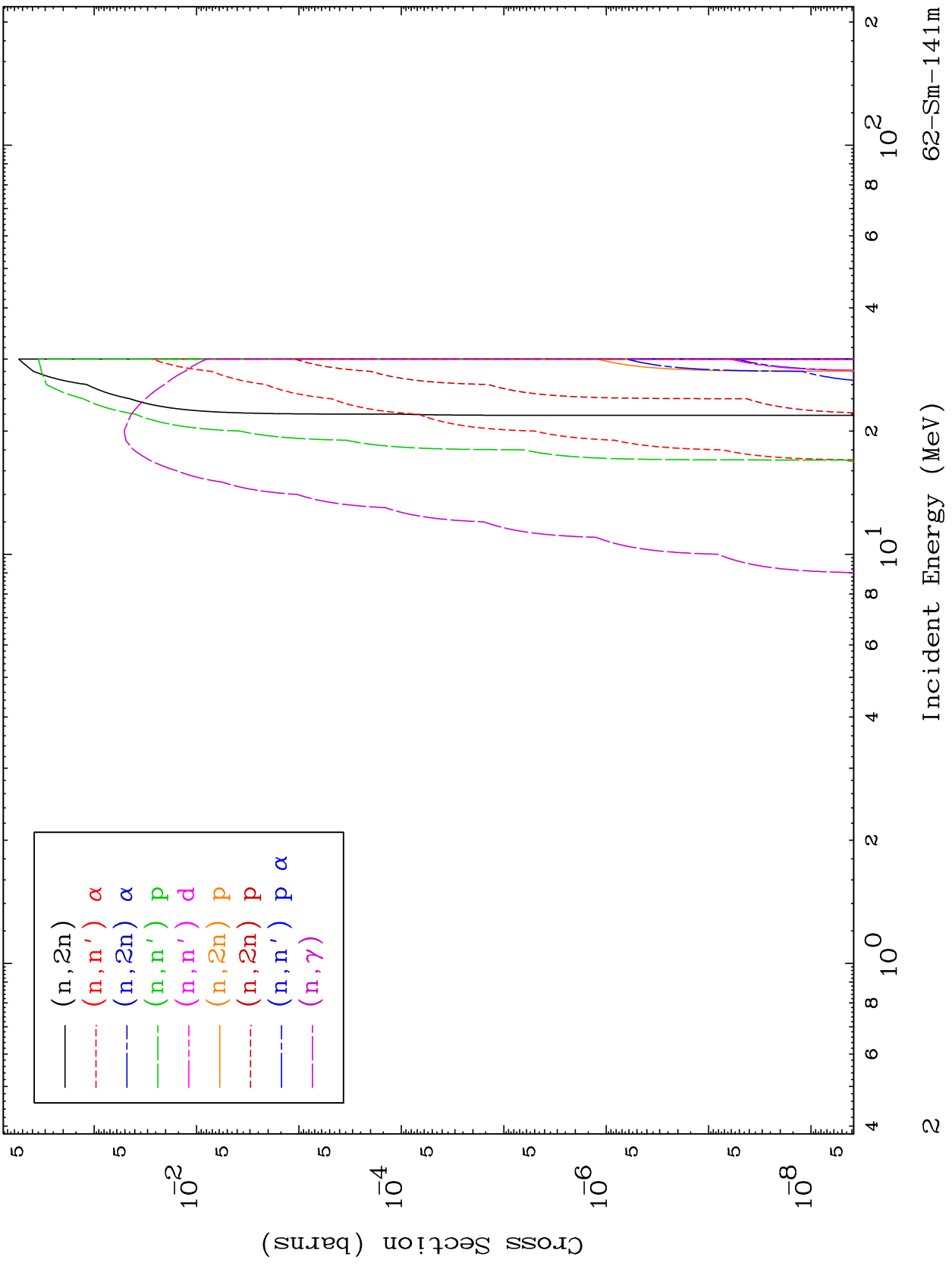
1

MAT 6217

α Neutron Absorption

62-Sm-141m

0 Kelvin Cross Sections



62-Sm-141m

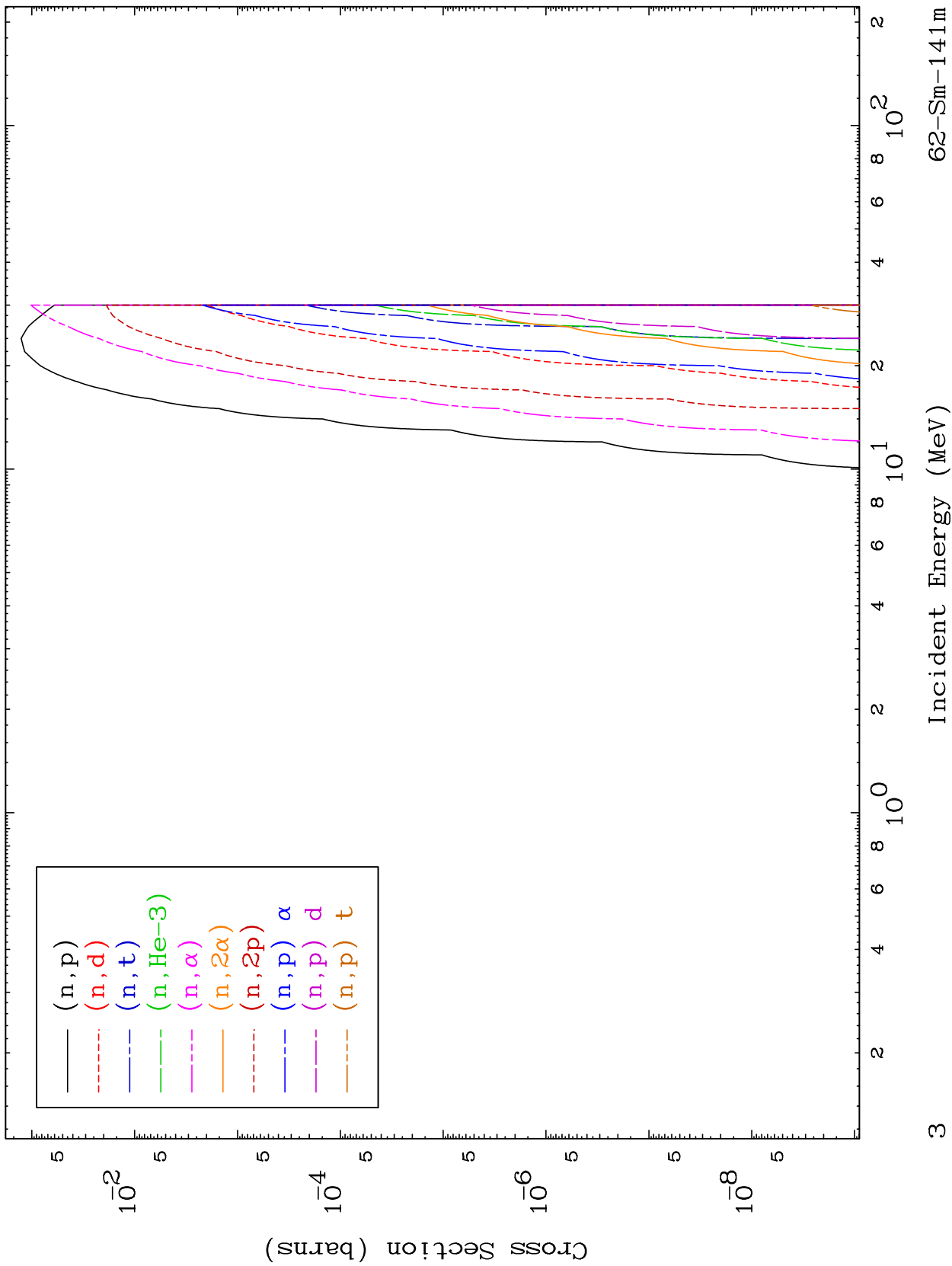
Incident Energy (MeV)

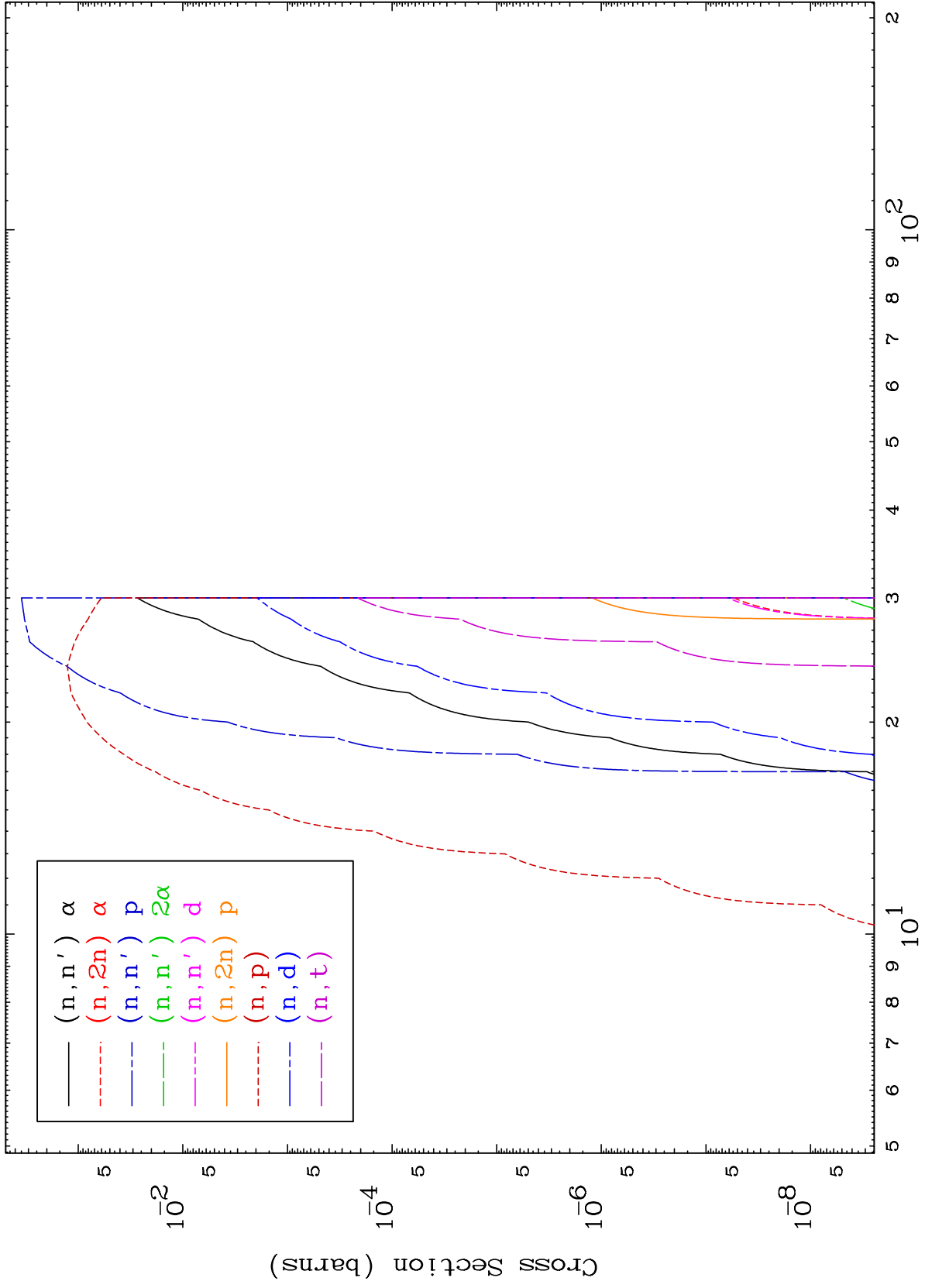
2

MAT 6217

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-141m

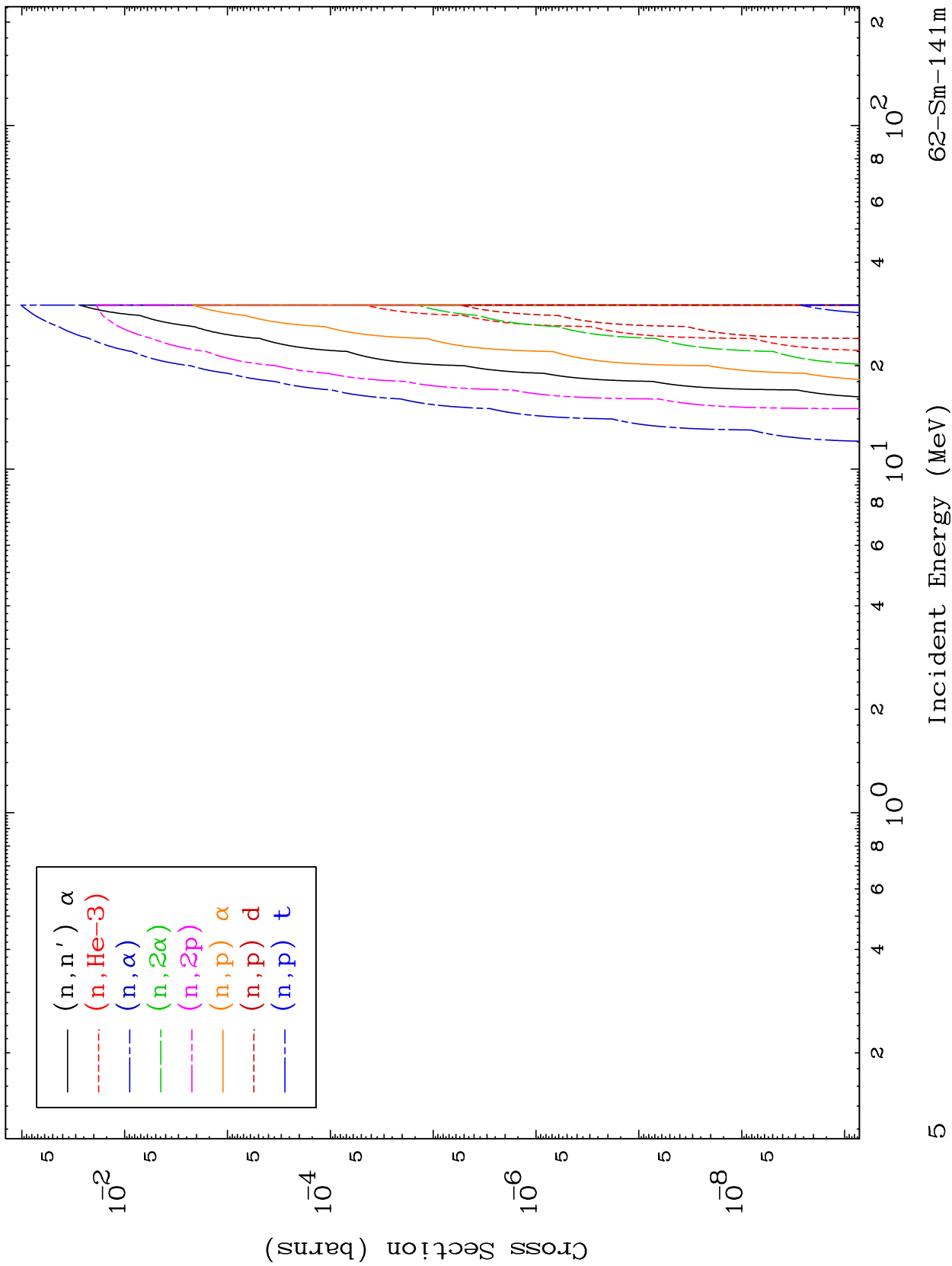




MAT 6217

α Charged Particle
0 Kelvin Cross Sections

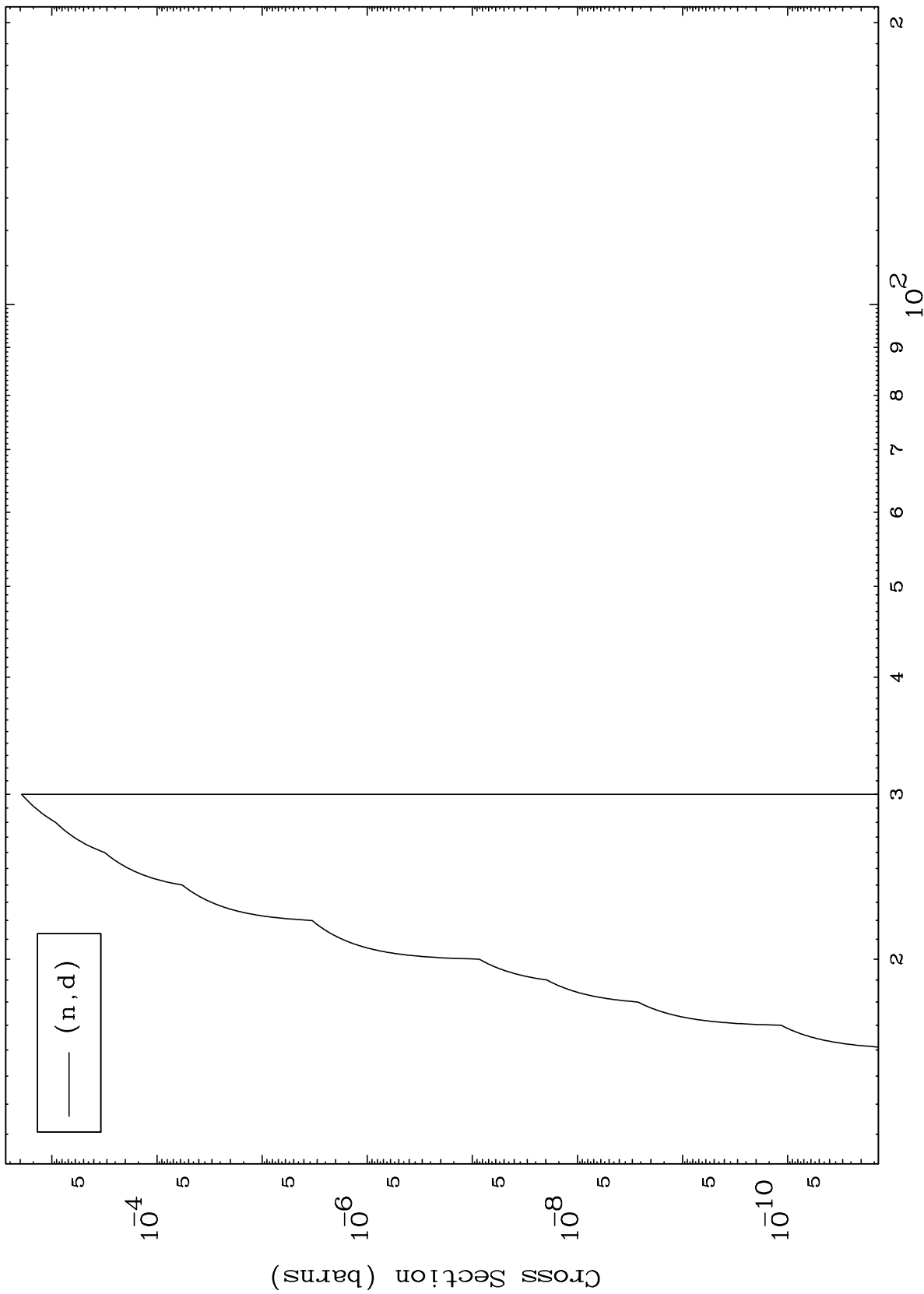
62-Sm-141m



MAT 6217

62-Sm-141m

(α, d) Levels
0 Kelvin Cross Sections



62-Sm-141m

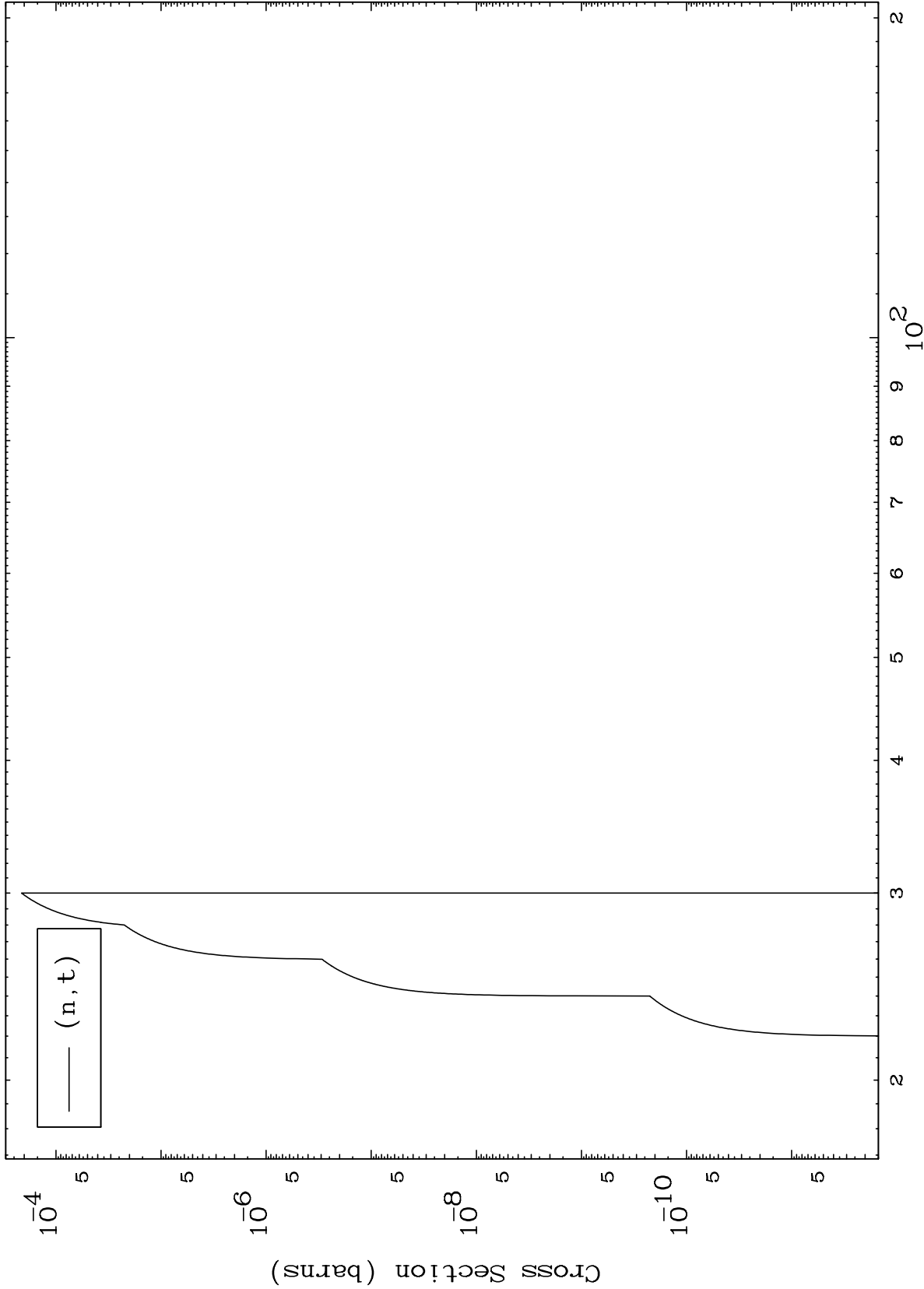
Incident Energy (MeV)

7

MAT 6217

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-141m



8

Incident Energy (MeV)

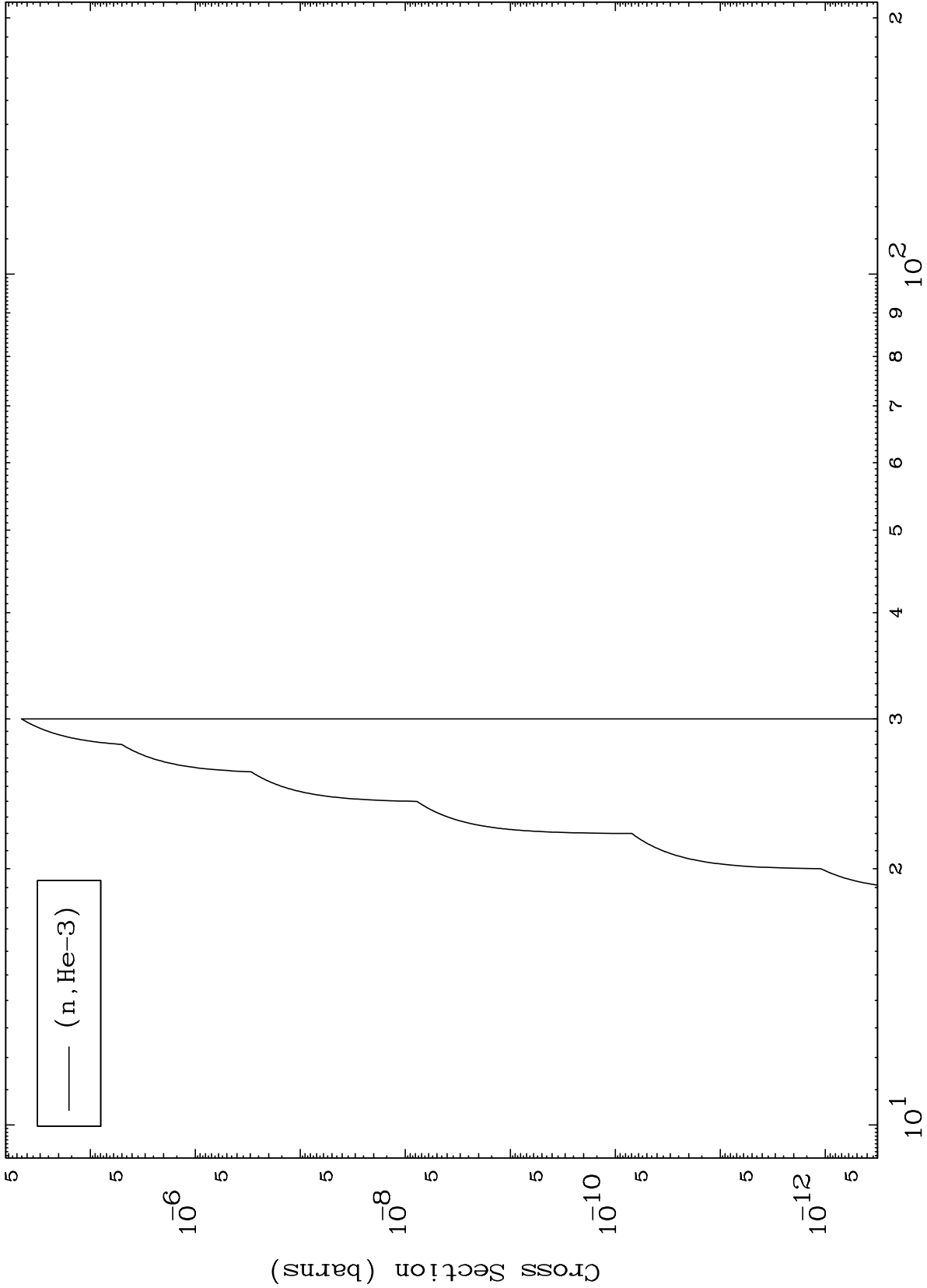
62-Sm-141m

MAT 6217

($\alpha, \text{He}3$) Levels

62-Sm-141m

0 Kelvin Cross Sections



Incident Energy (MeV)

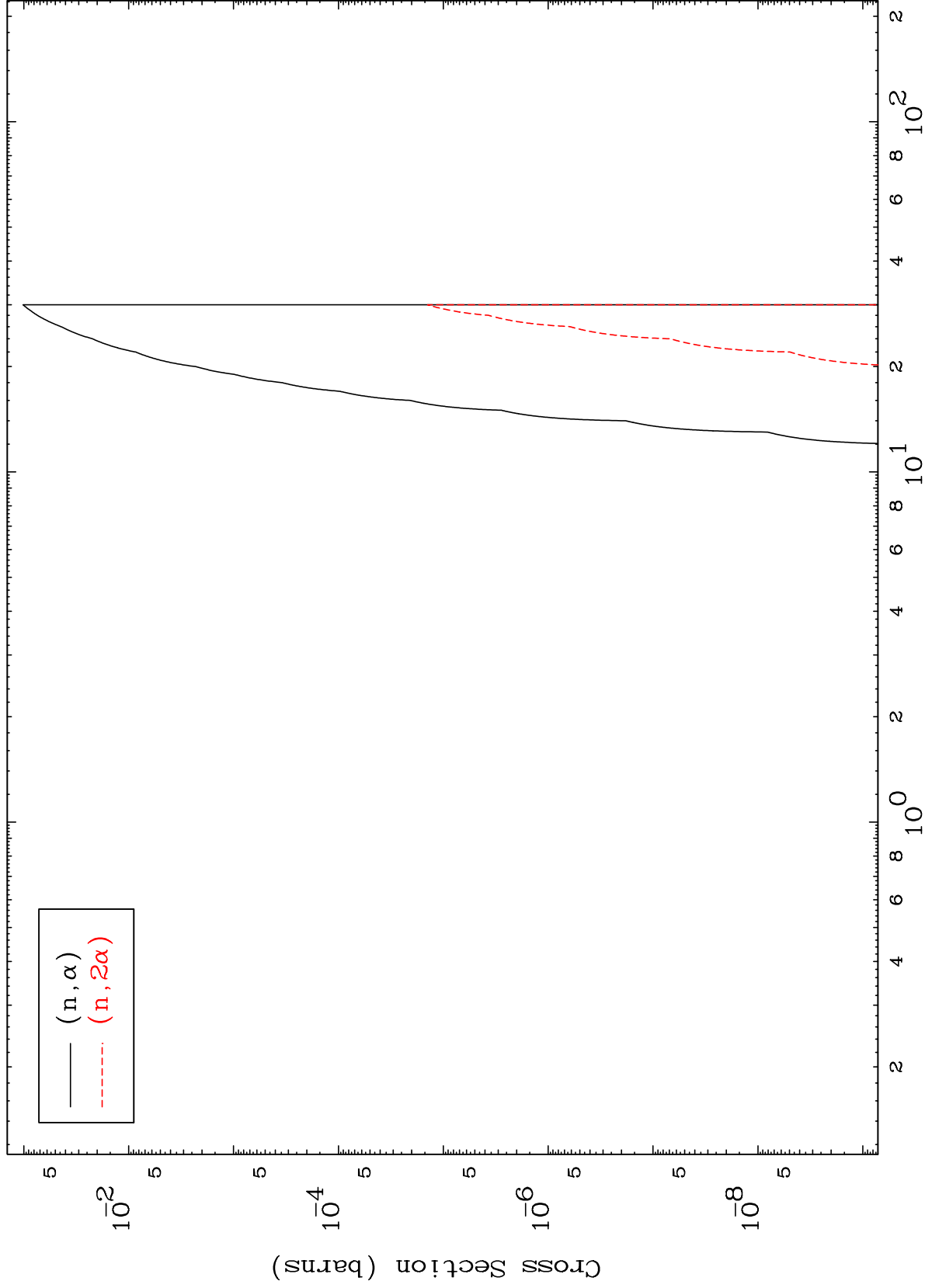
62-Sm-141m

MAT 6217

(α, α) Levels

62-Sm-141m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

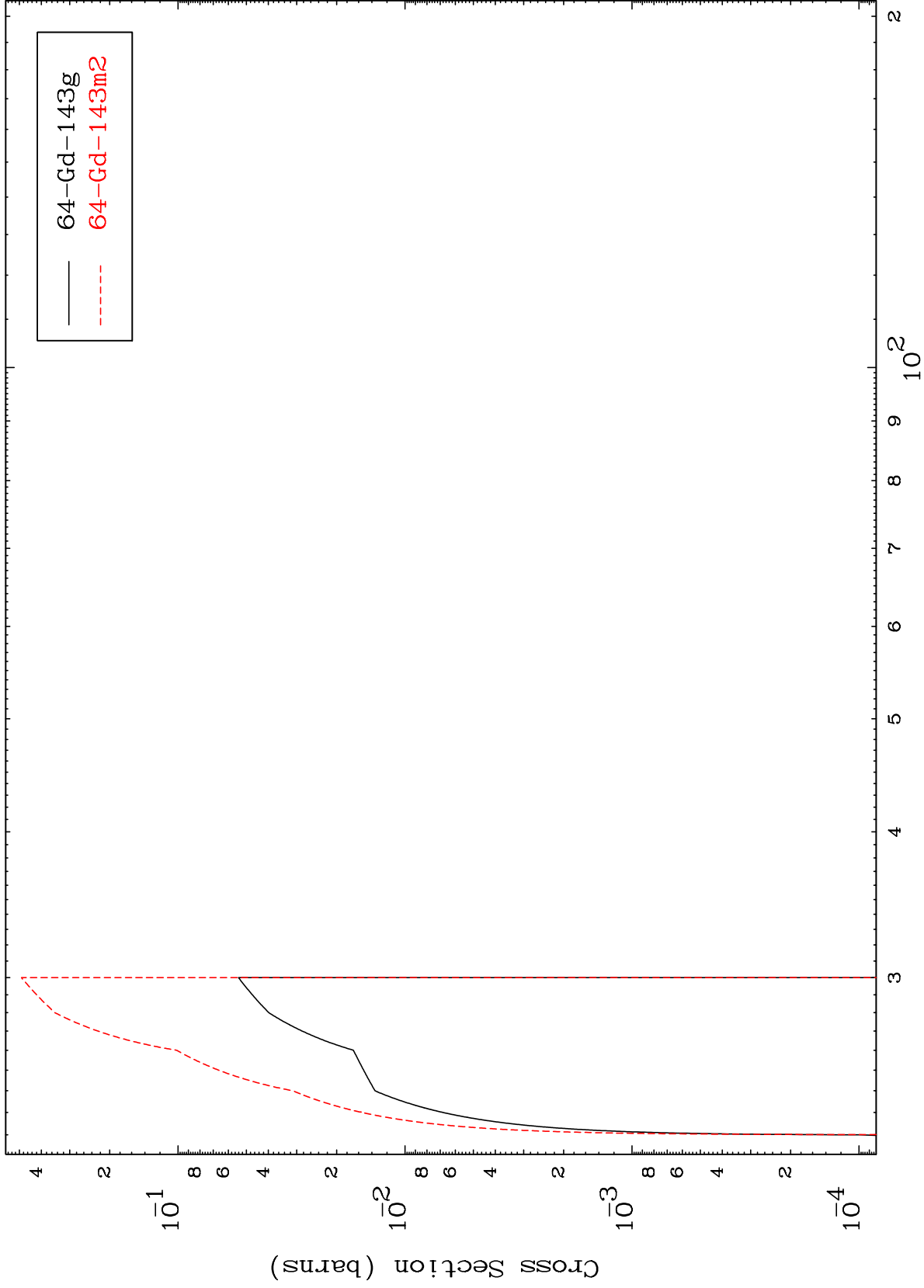
62-Sm-141m

MAT 6217

(n,2n)

62-Sm-141m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

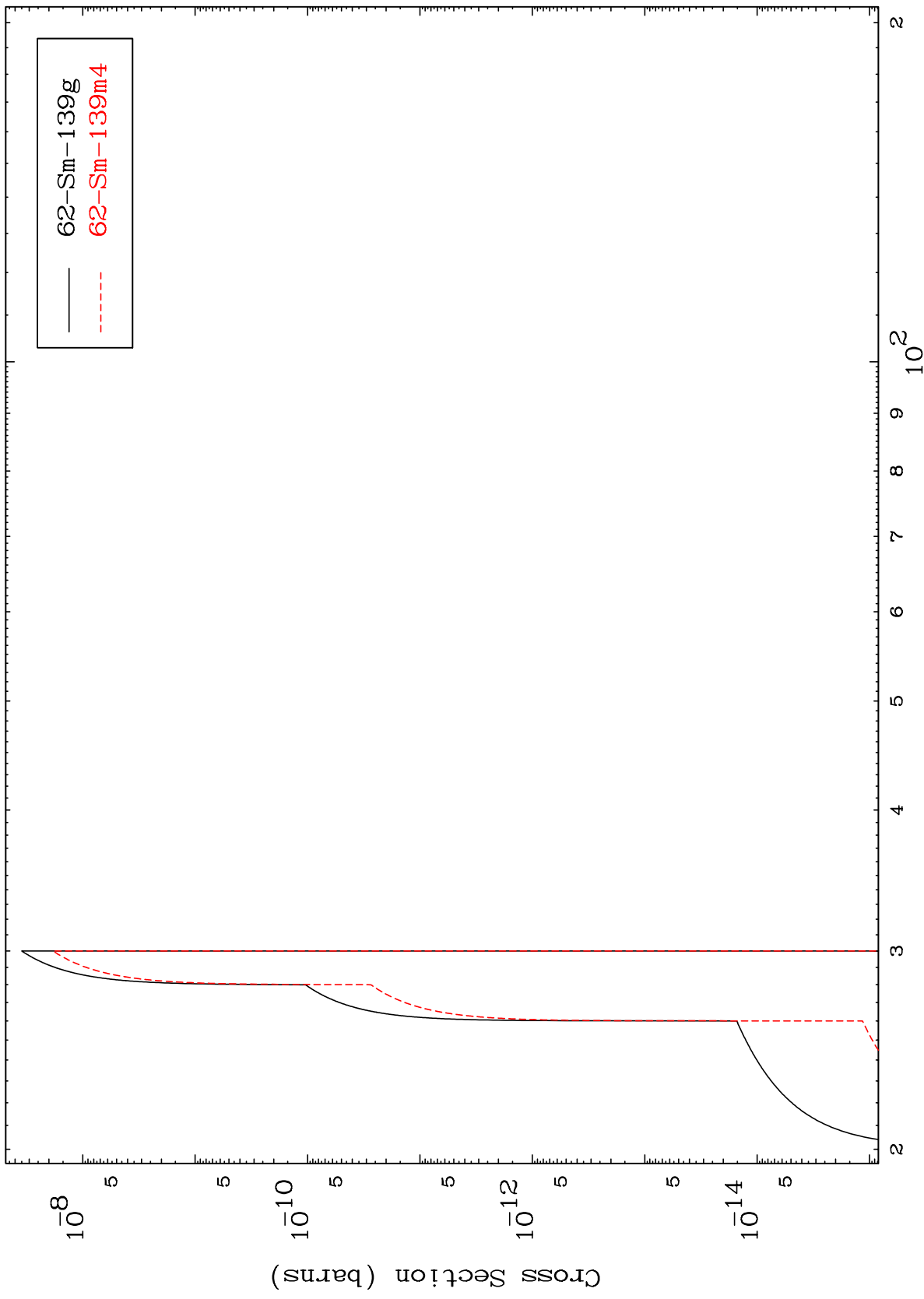
62-Sm-141m

MAT 6217

$(n,2n) \alpha$

62-Sm-141m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

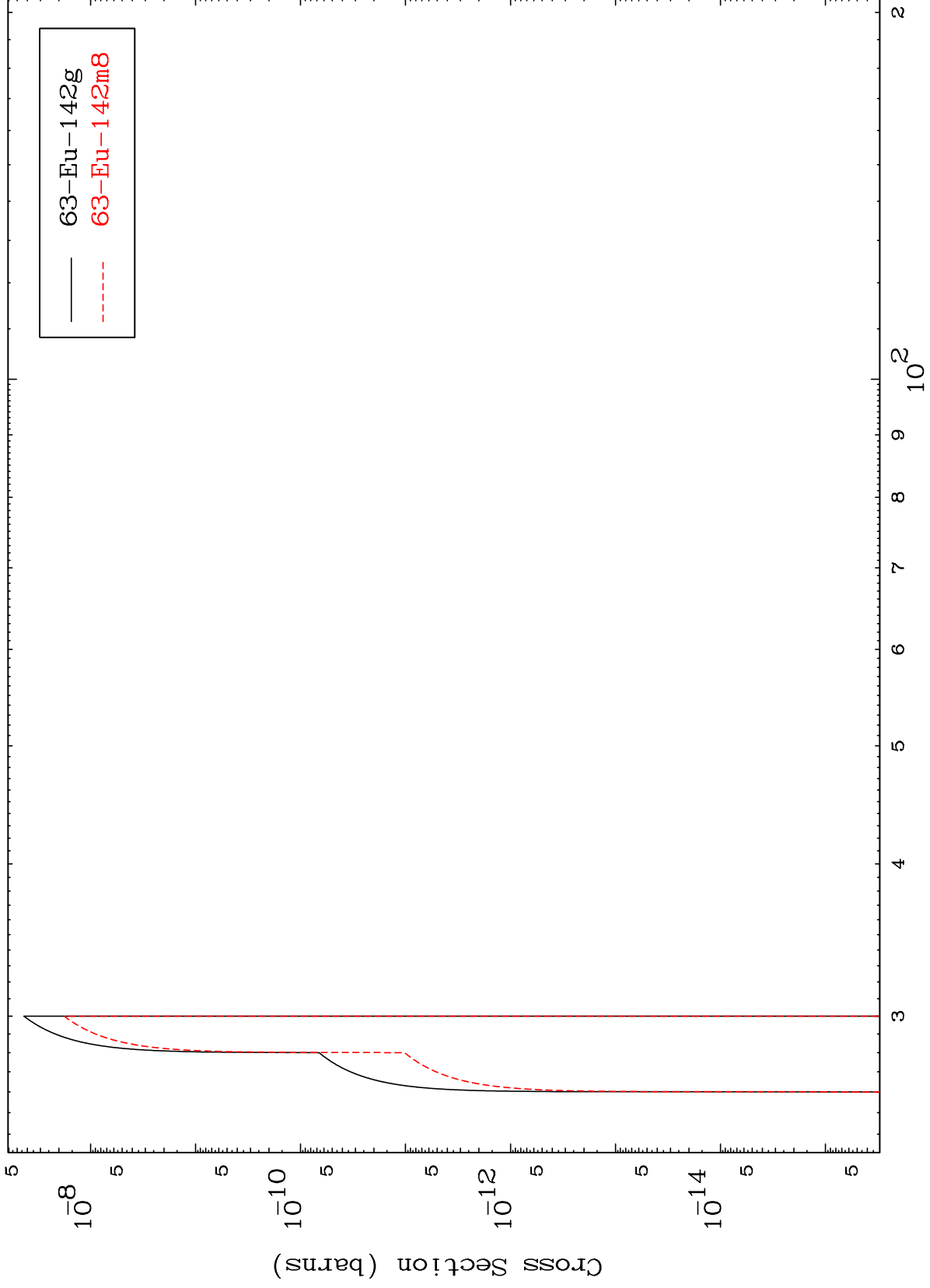
62-Sm-141m

MAT 6217

(n,n') d

62-Sm-141m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

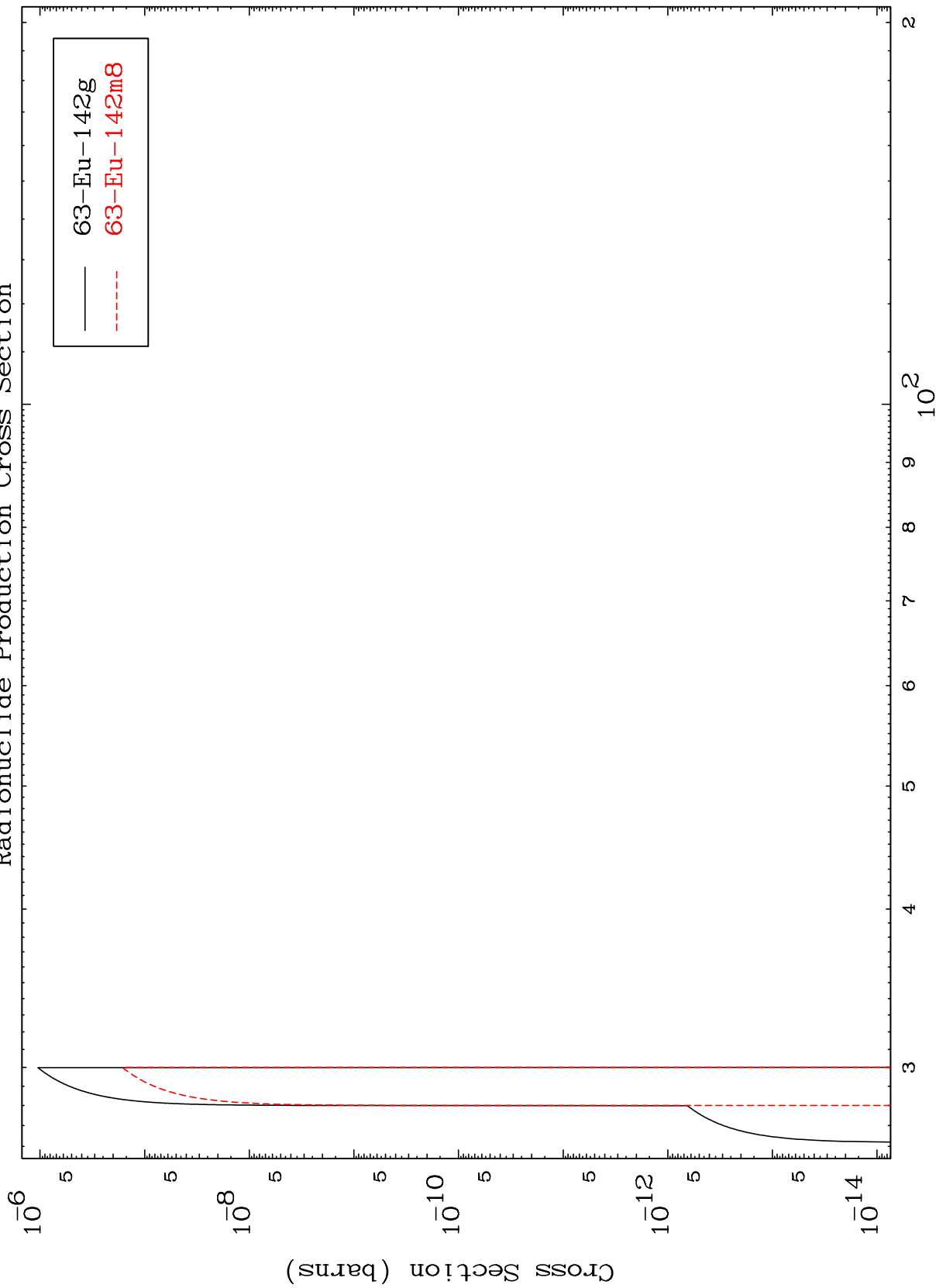
62-Sm-141m

MAT 6217

(n,2n) p

62-Sm-141m

Radionuclide Production Cross Section



62-Sm-141m

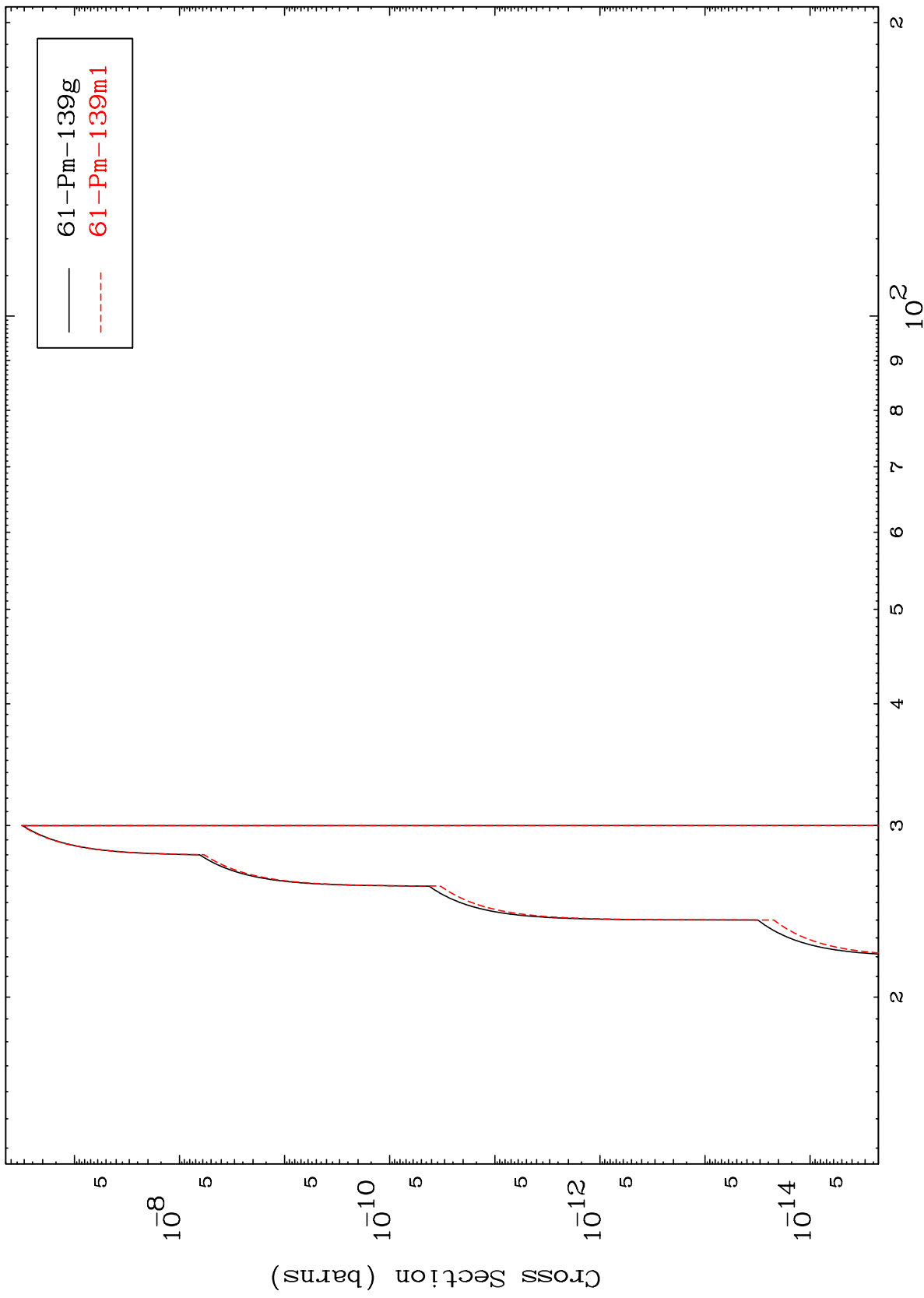
Incident Energy (MeV)

14

MAT 6217

62-Sm-141m

(n,n') p α
Radionuclide Production Cross Section



15

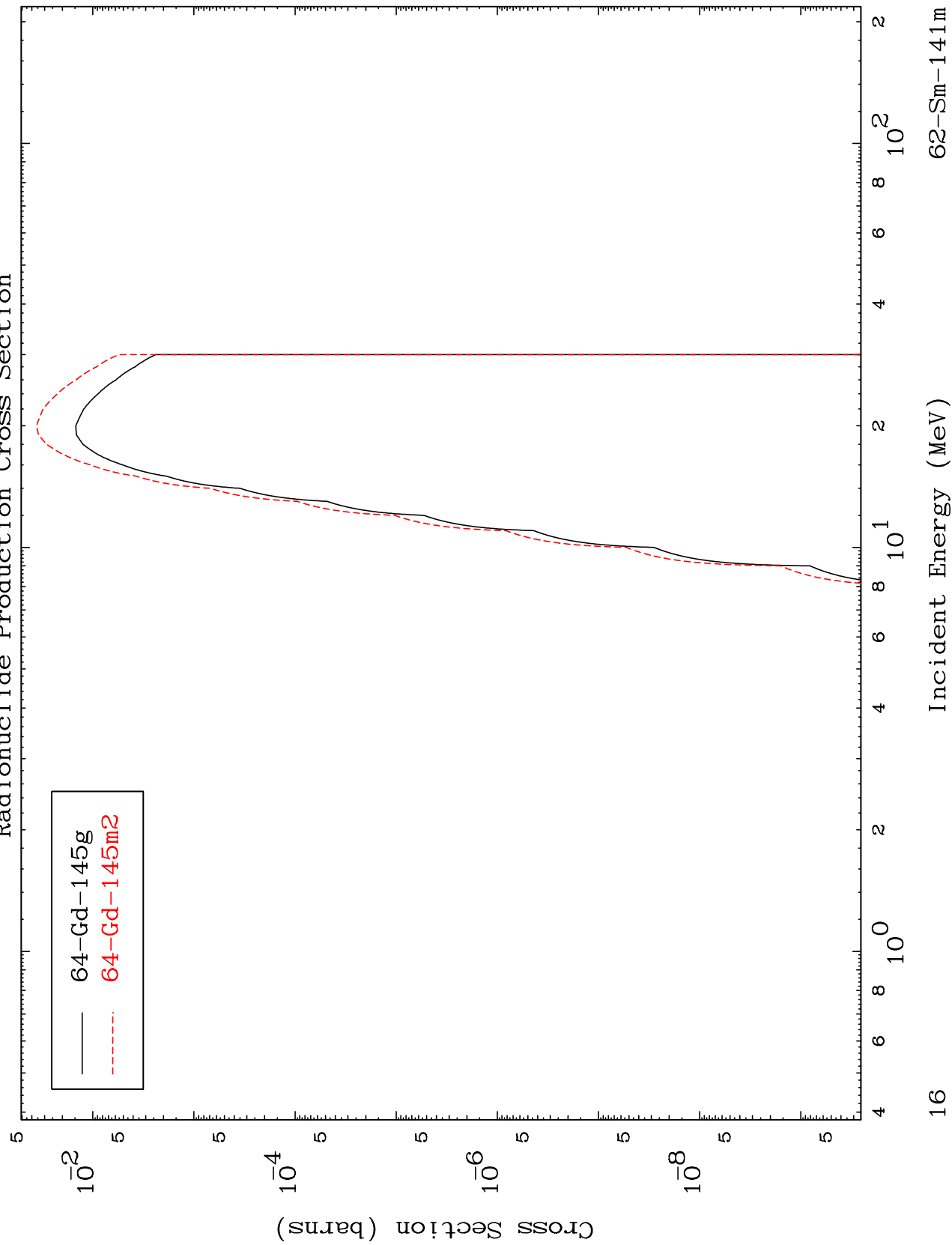
Incident Energy (MeV)

62-Sm-141m

MAT 6217

62-Sm-141m

Radionuclide Production Cross Section
(n, γ)



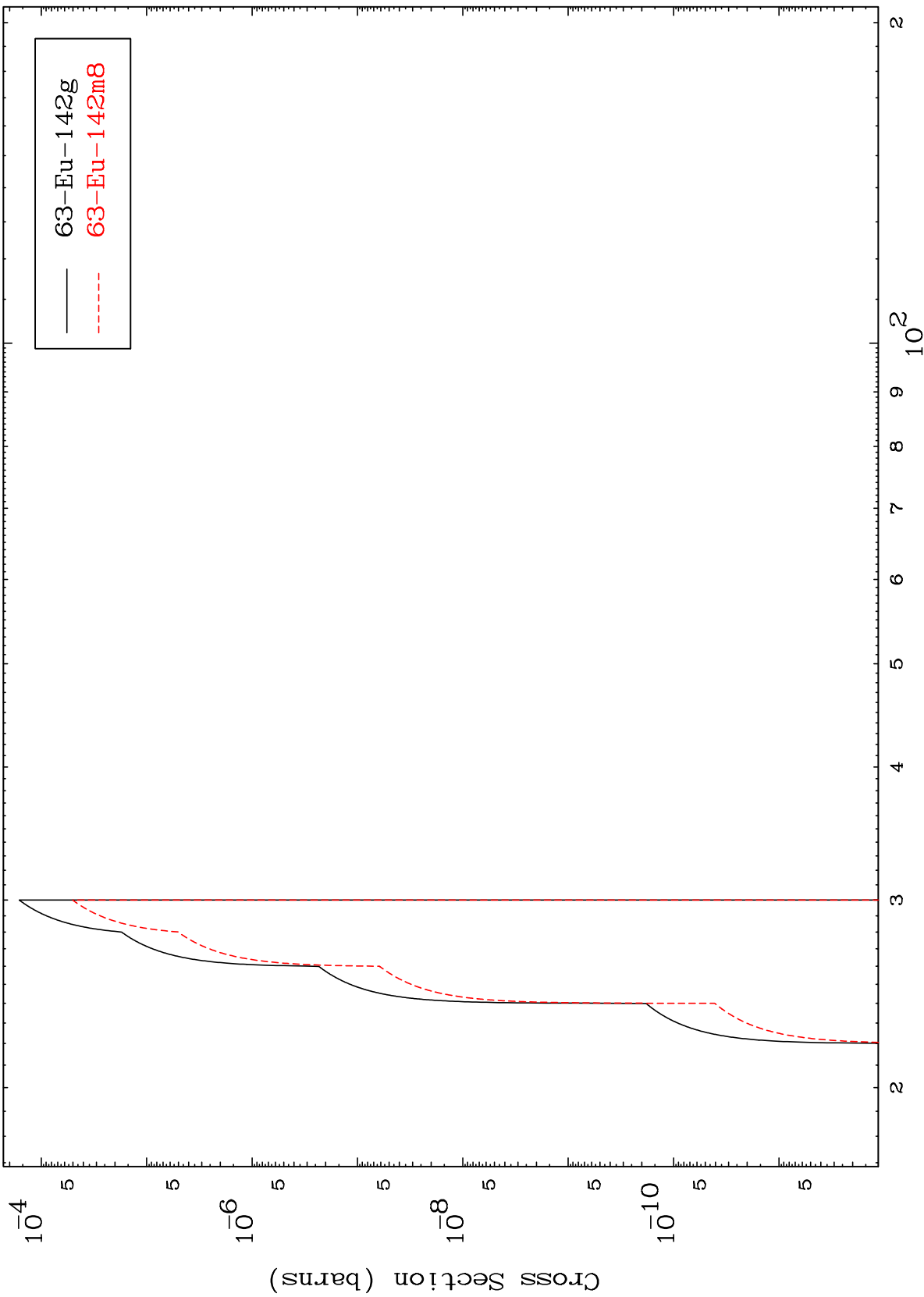
16

62-Sm-141m

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62-Sm-141m

(n,t)
Radionuclide Production Cross Section



17

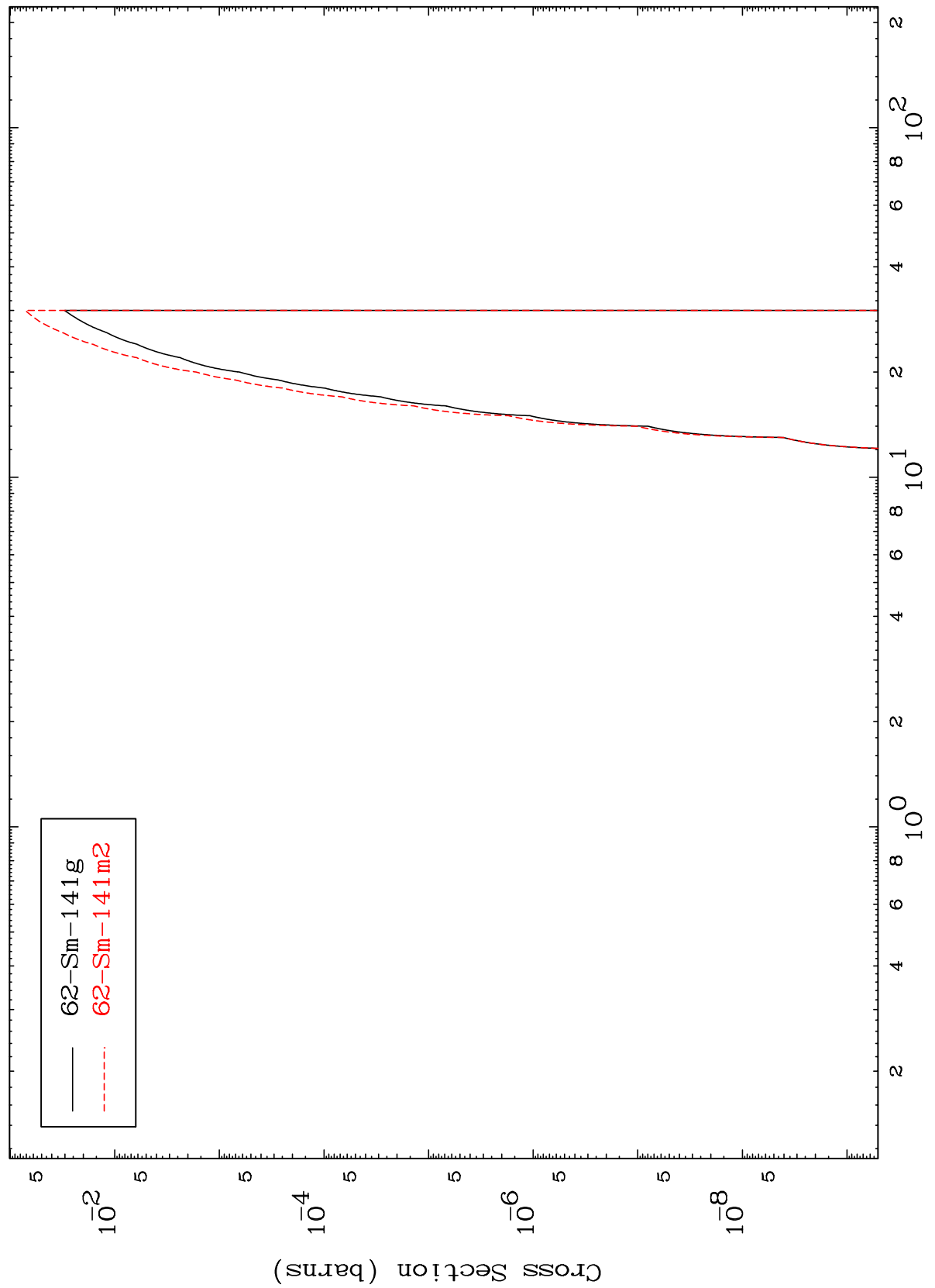
62-Sm-141m

Incident Energy (MeV)

MAT 6217

62-Sm-141m

Radionuclide Production Cross Section
(n, α)



18

62-Sm-141m

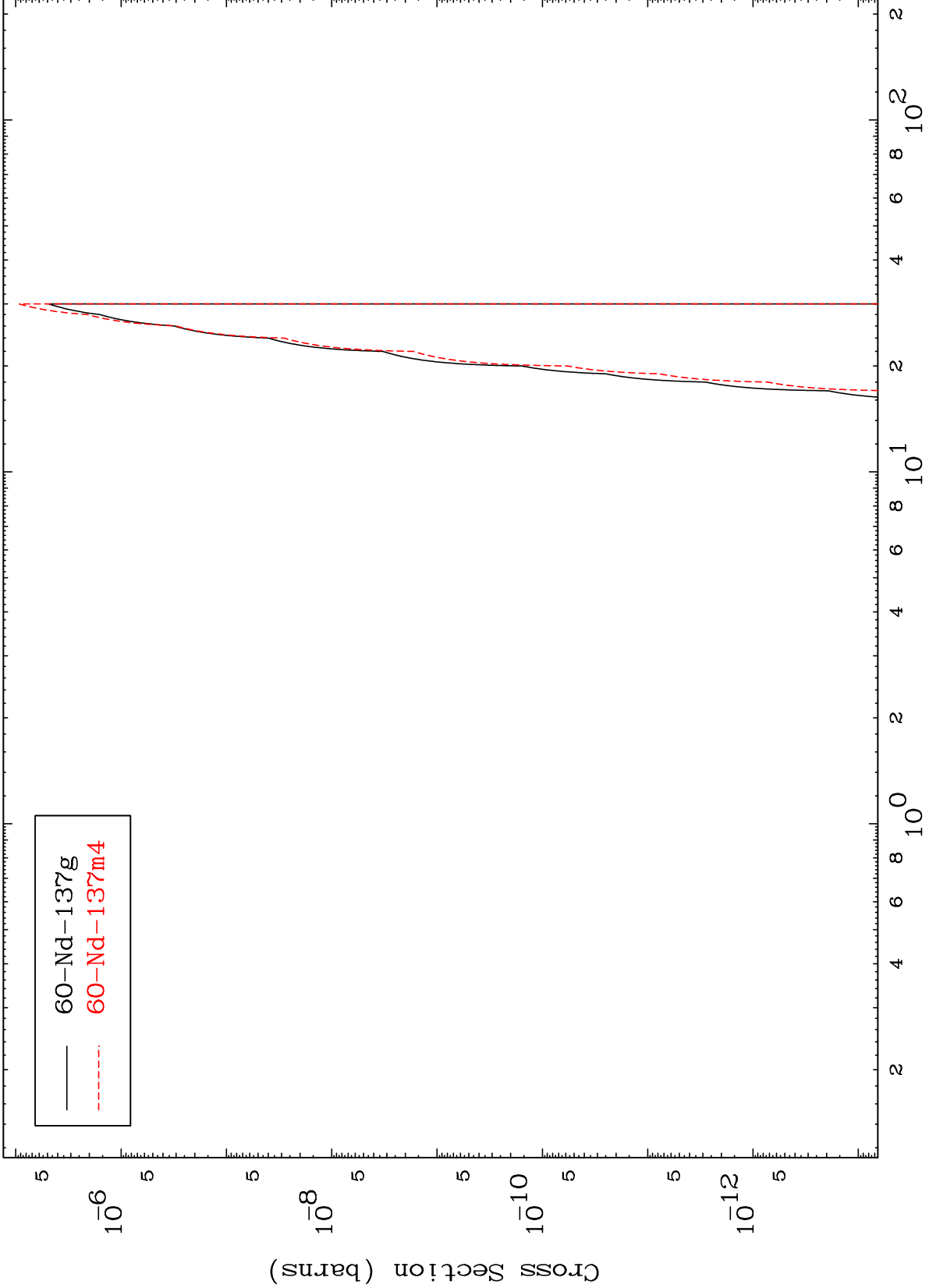
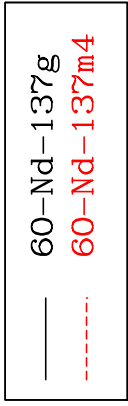
Incident Energy (MeV)

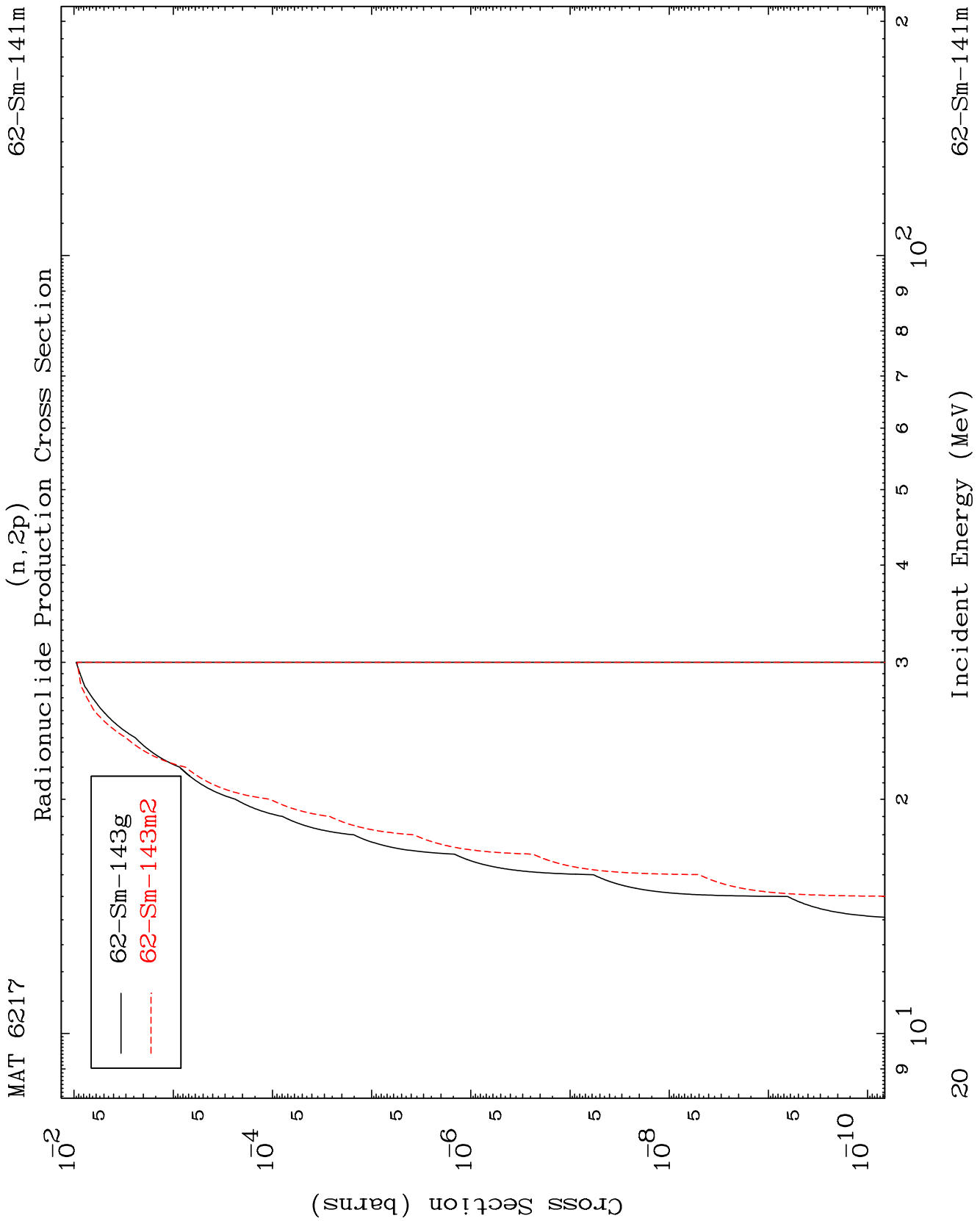
MAT 6217

(n,2α)

62-Sm-141m

Radionuclide Production Cross Section



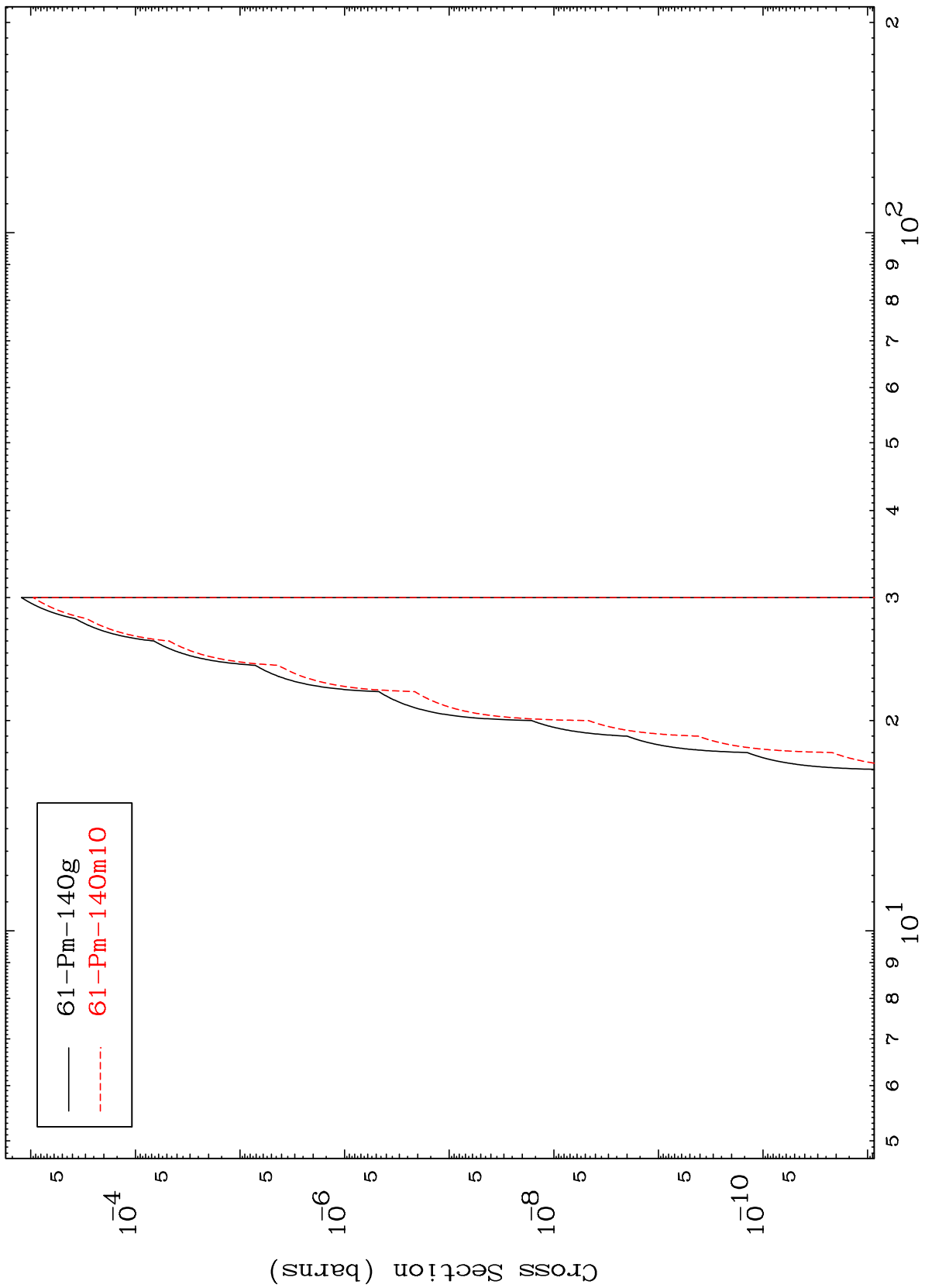


MAT 6217

(n,p) α

62-Sm-141m

Radionuclide Production Cross Section



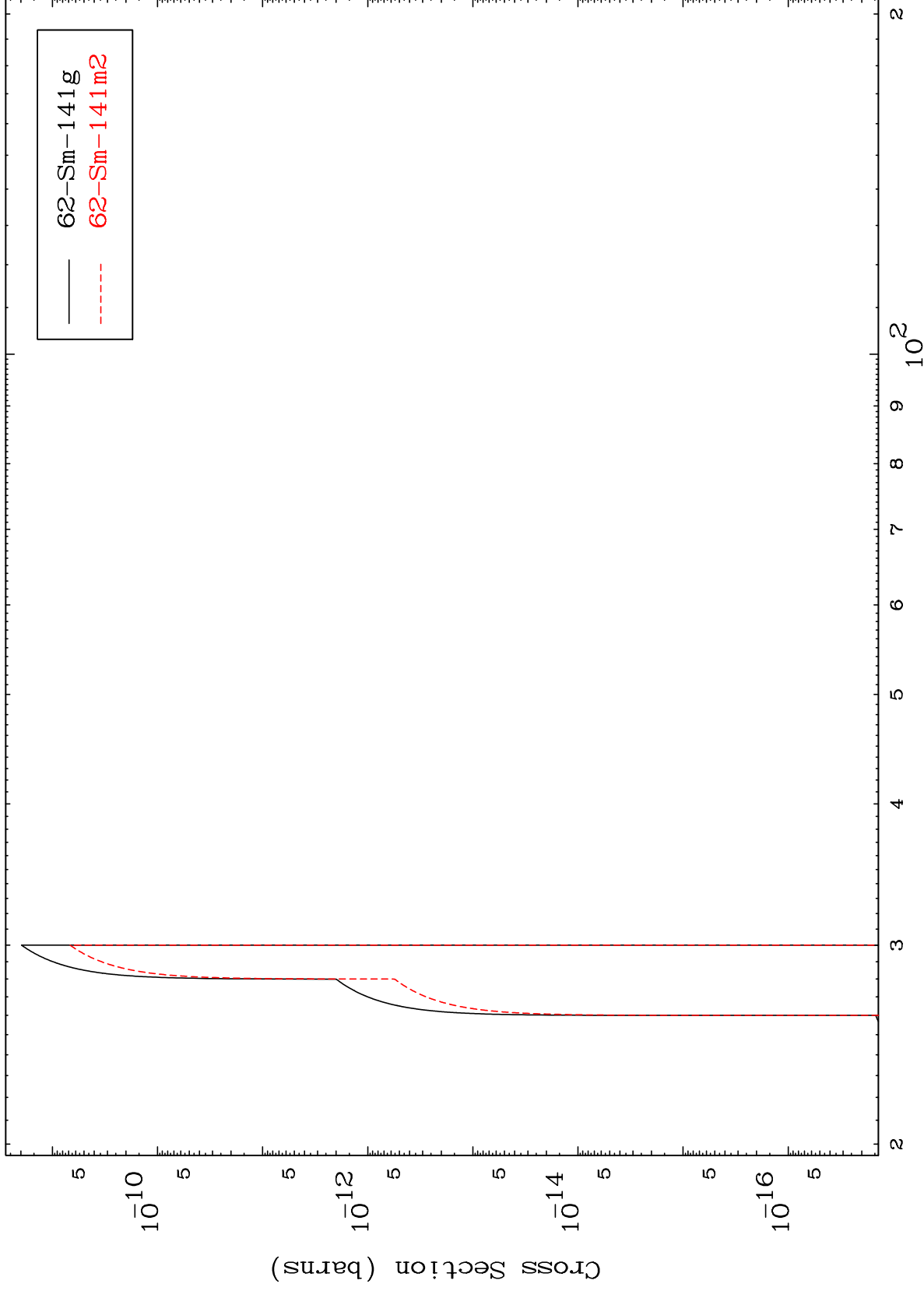
61-Pm-140g
61-Pm-140m10

MAT 6217

(n,p) t

62-Sm-141m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

62-Sm-141m