

Program EVALPLOT
(Version 2021-1)

by

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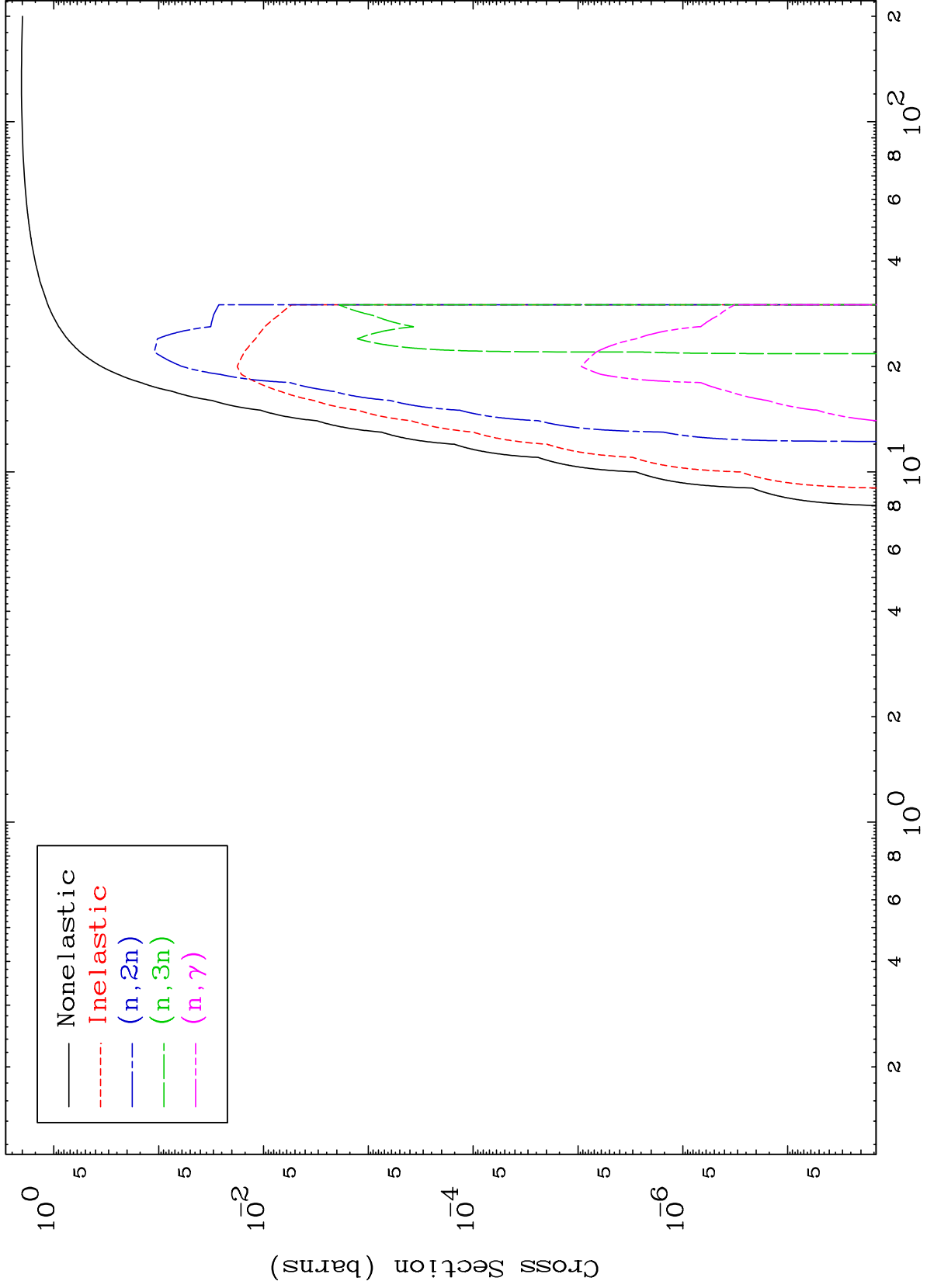
Press Mouse Button to Start

MAT 6219

He-3 Major

62-Sm-142

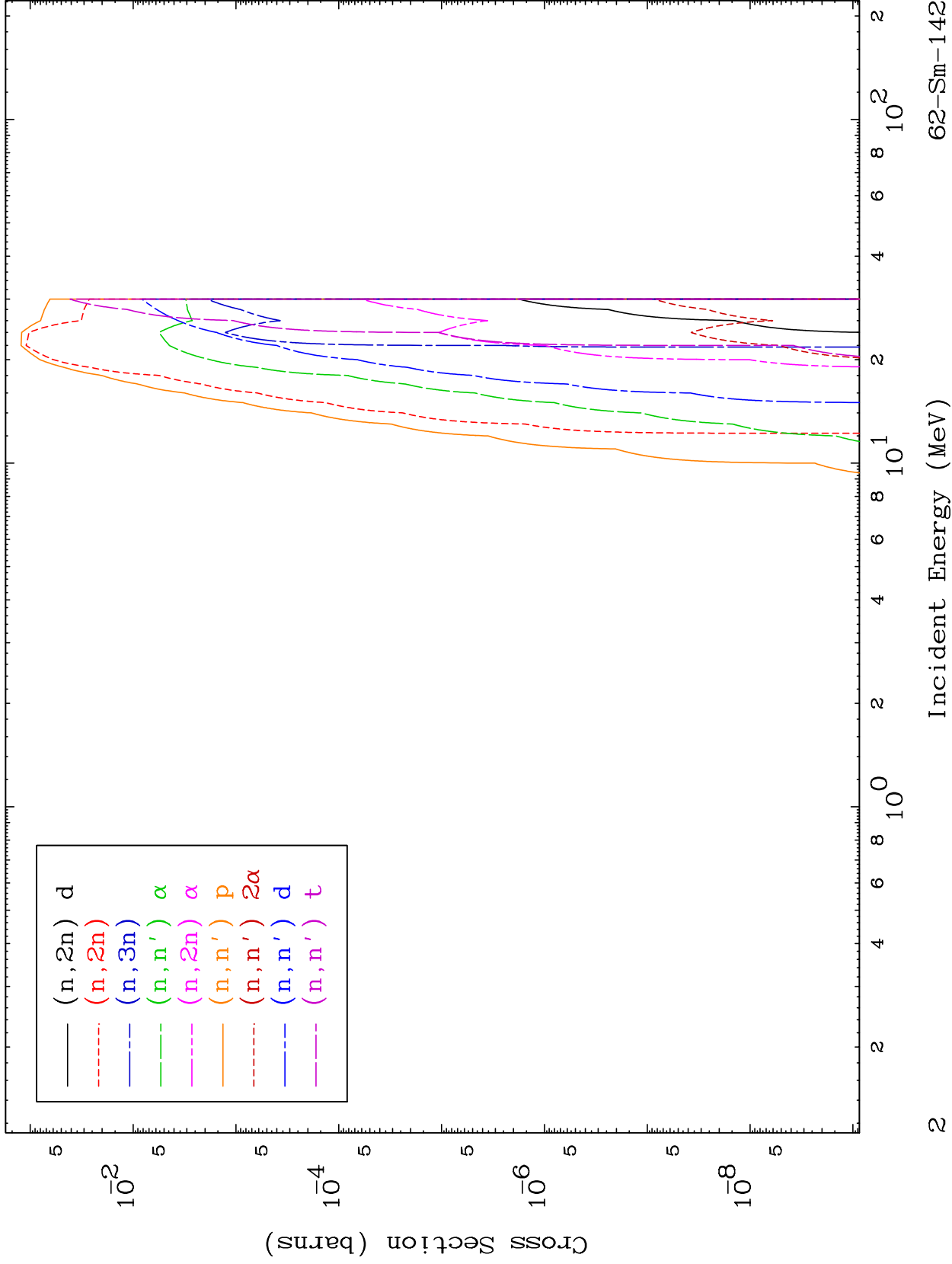
0 Kelvin Cross Sections



MAT 6219

He-3 Neutron Absorption
0 Kelvin Cross Sections

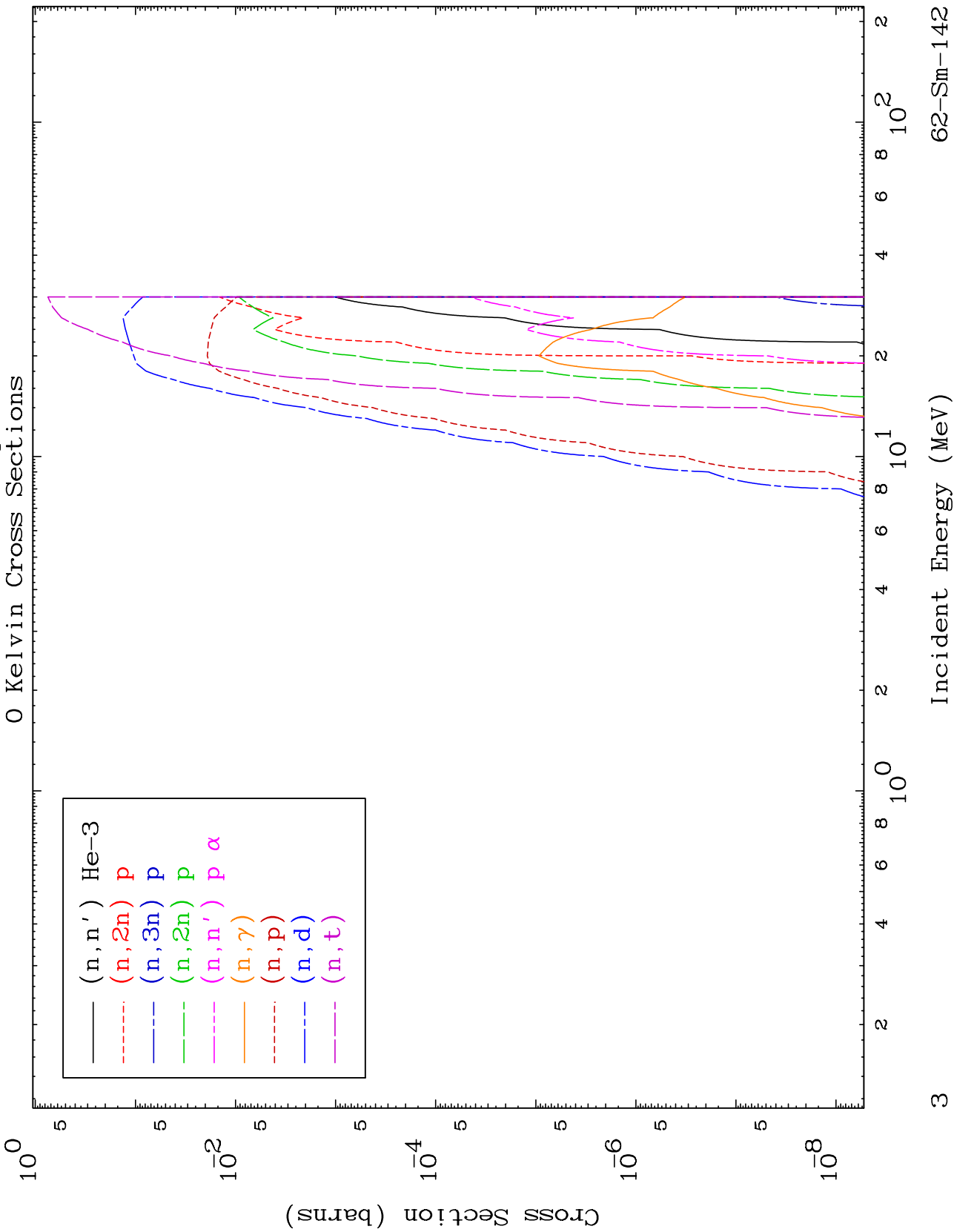
62-Sm-142



MAT 6219

He-3 Neutron Absorption
0 Kelvin Cross Sections

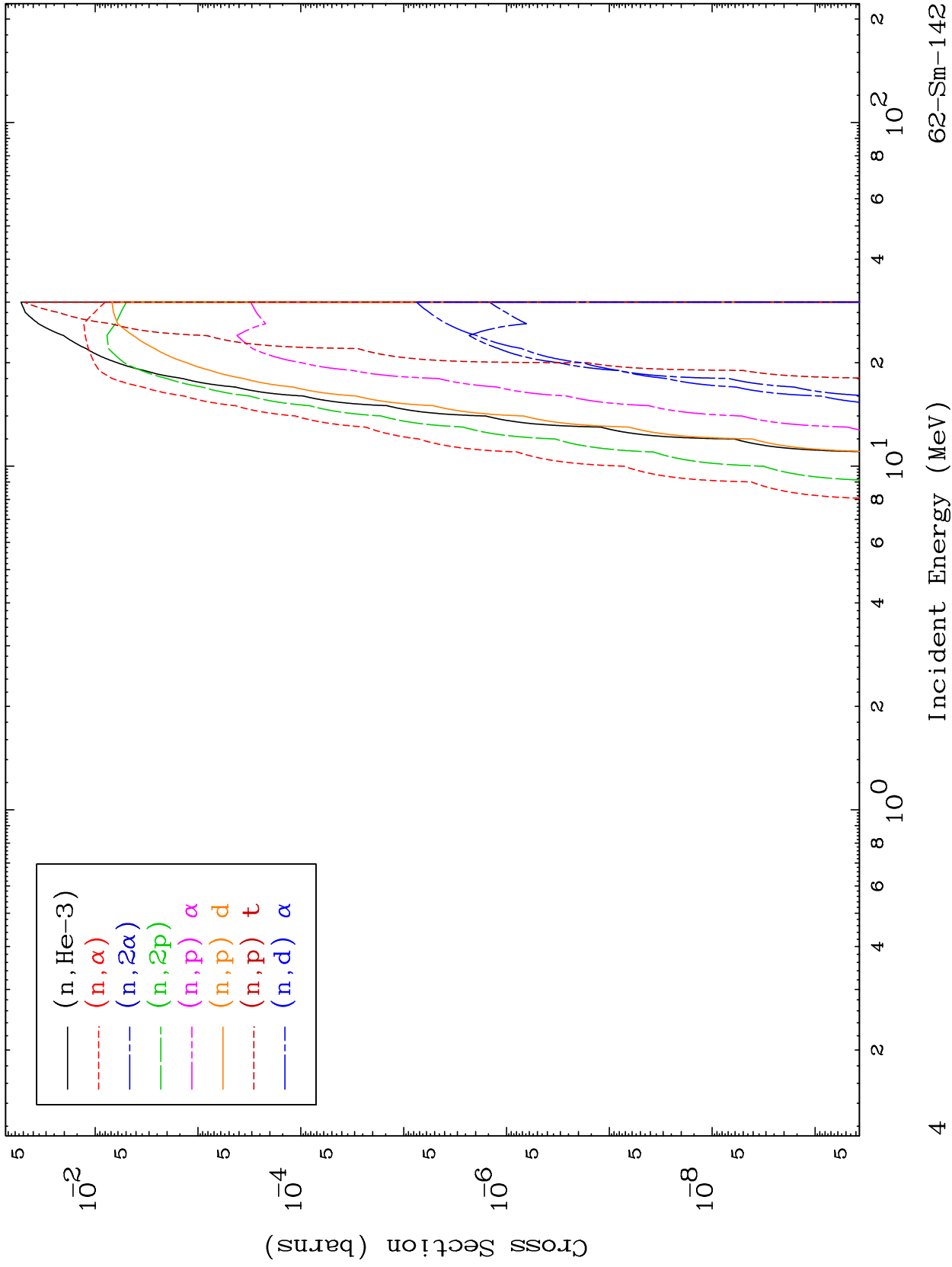
62-Sm-142



MAT 6219

He-3 Neutron Absorption
0 Kelvin Cross Sections

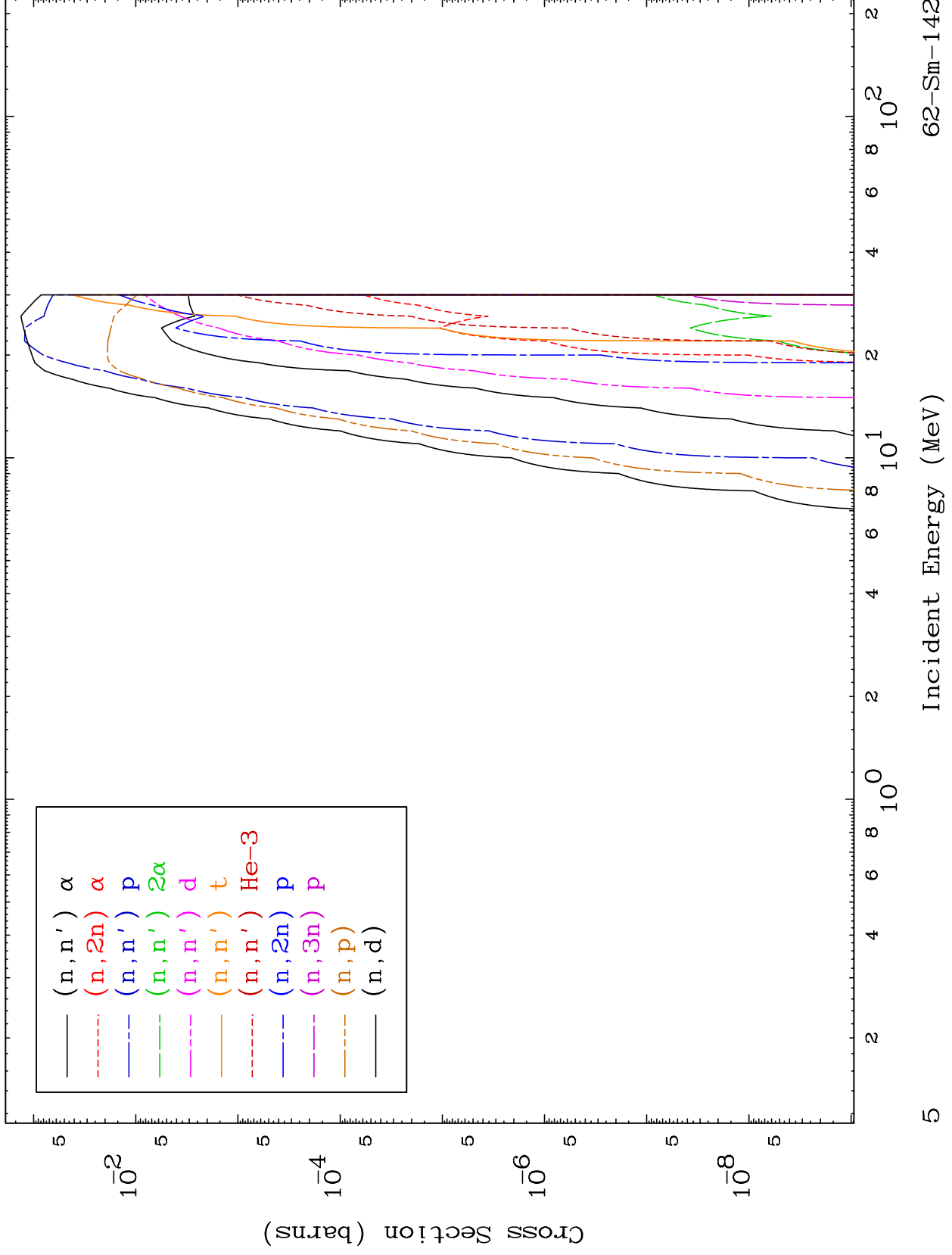
62-Sm-142



MAT 6219

He-3 Charged Particle
0 Kelvin Cross Sections

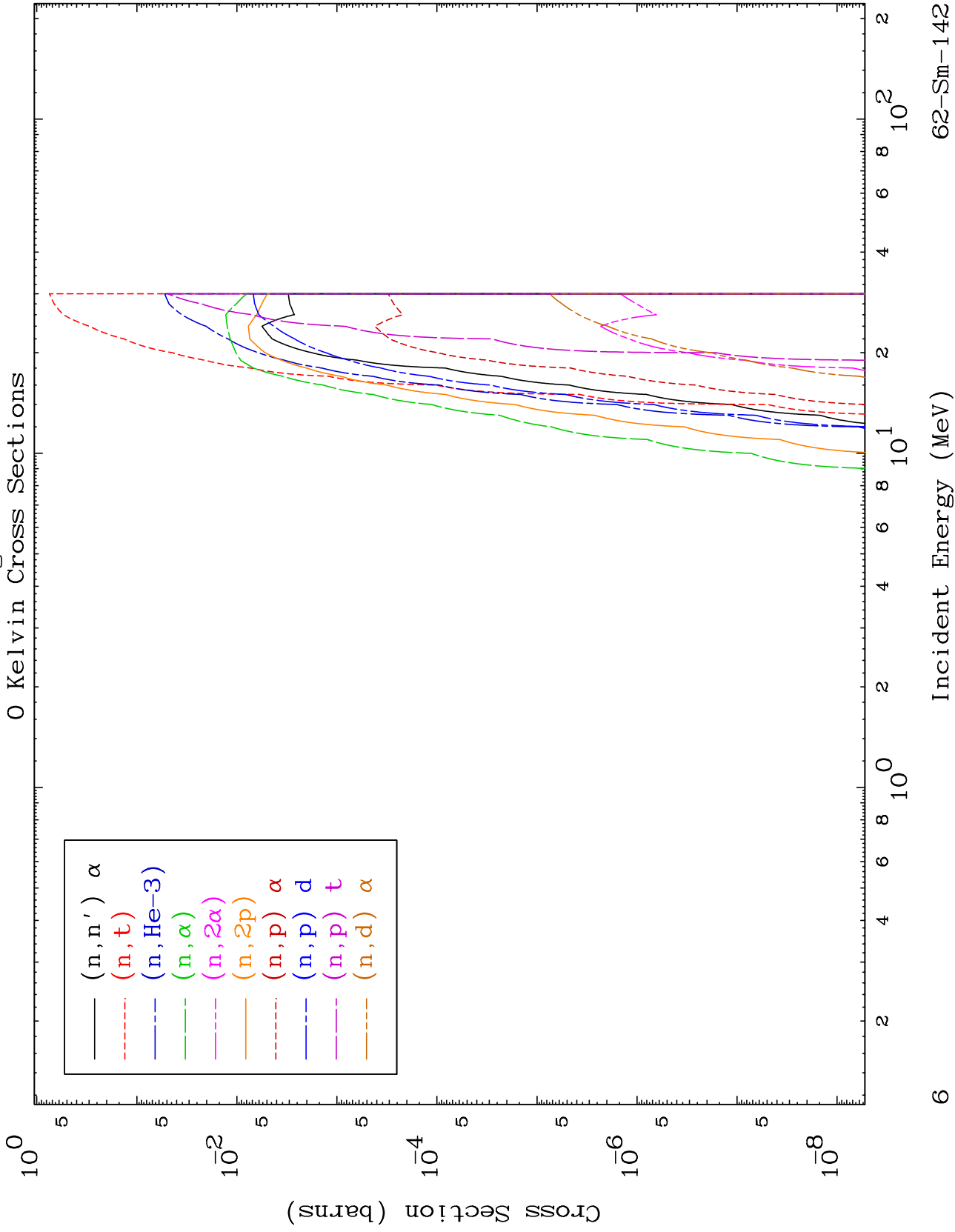
62-Sm-142



MAT 6219

He-3 Charged Particle
0 Kelvin Cross Sections

62-Sm-142

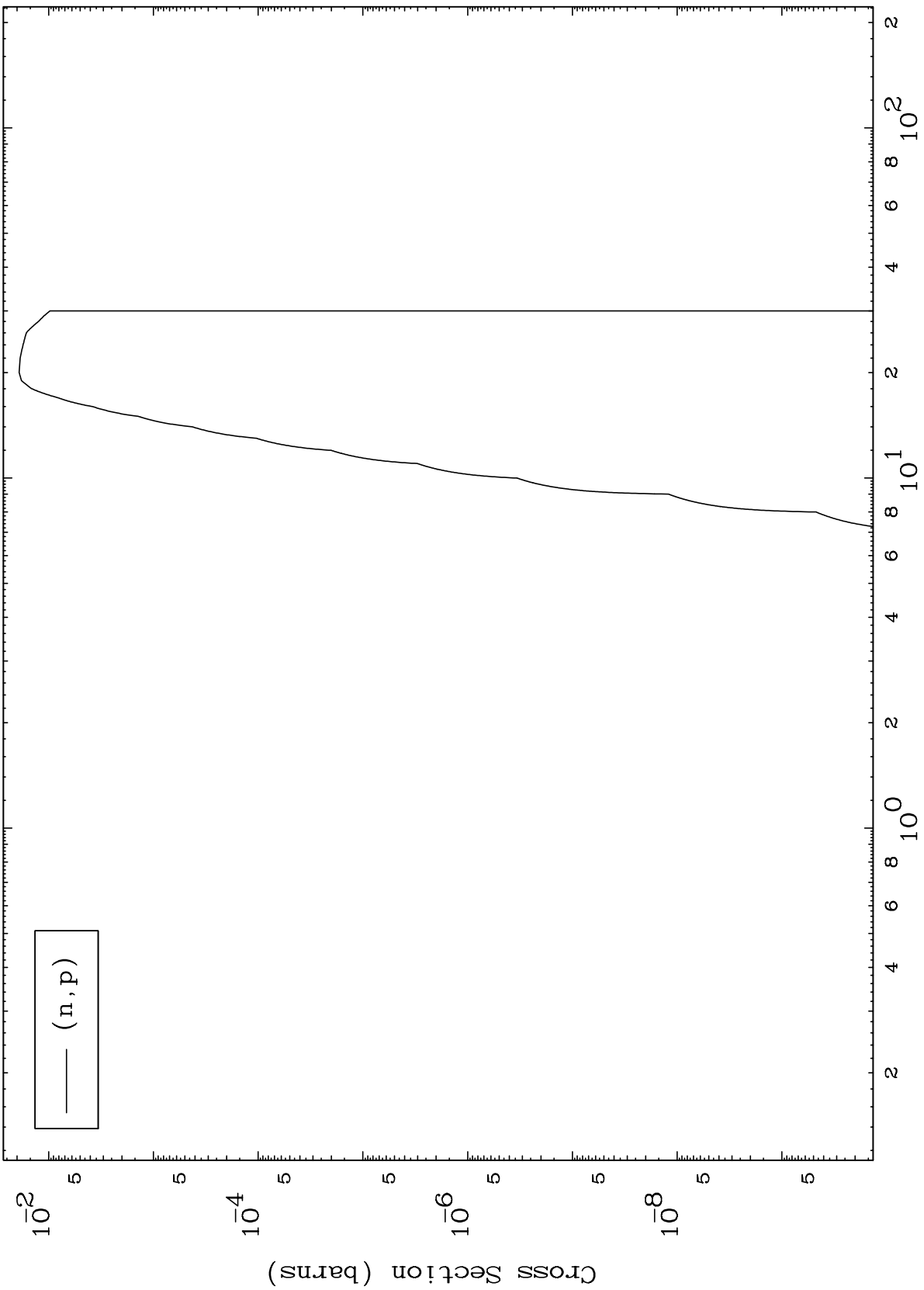


MAT 6219

(He-3,p) Levels

62-Sm-142

0 Kelvin Cross Sections

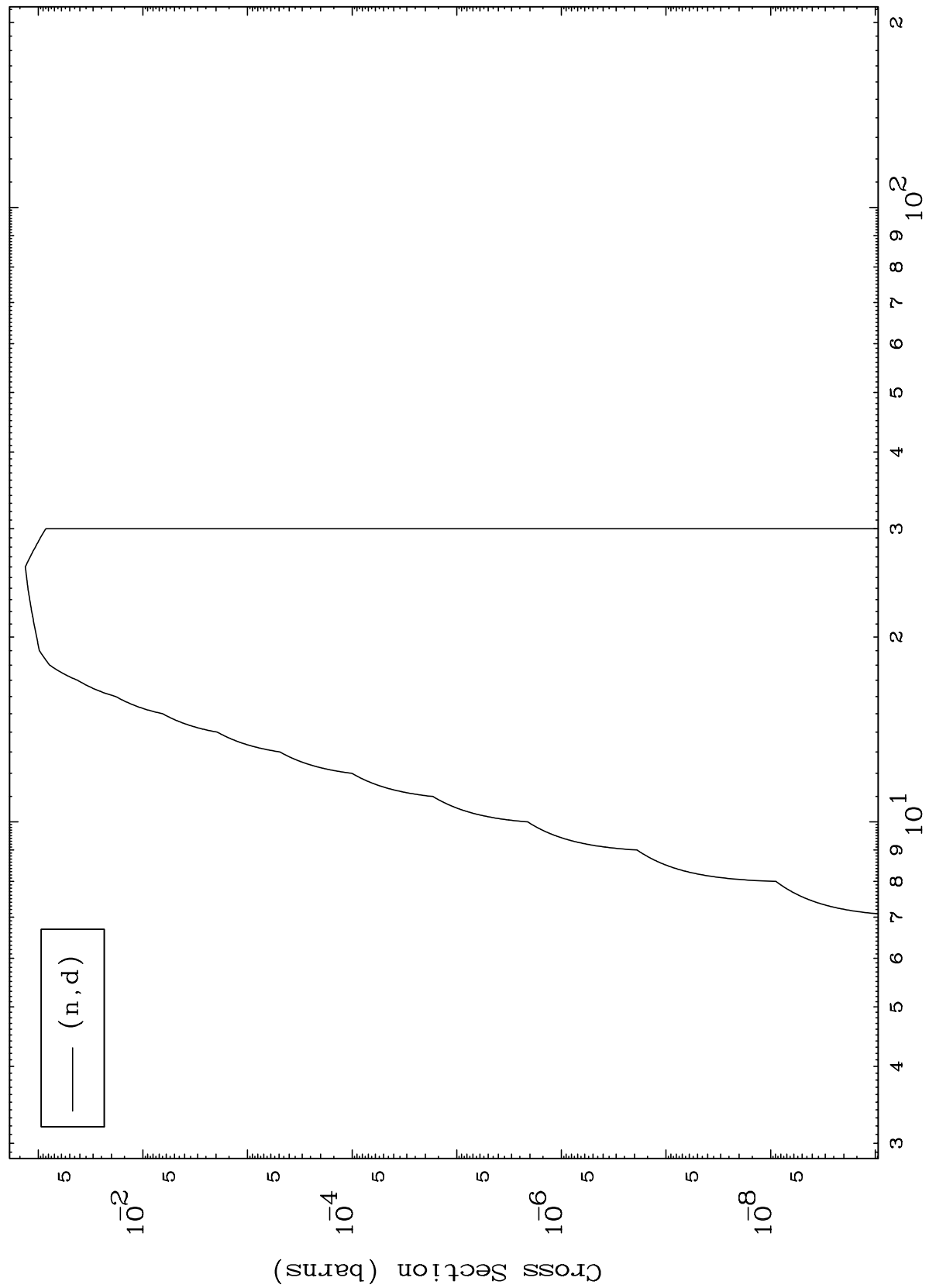


MAT 6219

(He-3,d) Levels

62-Sm-142

0 Kelvin Cross Sections



8

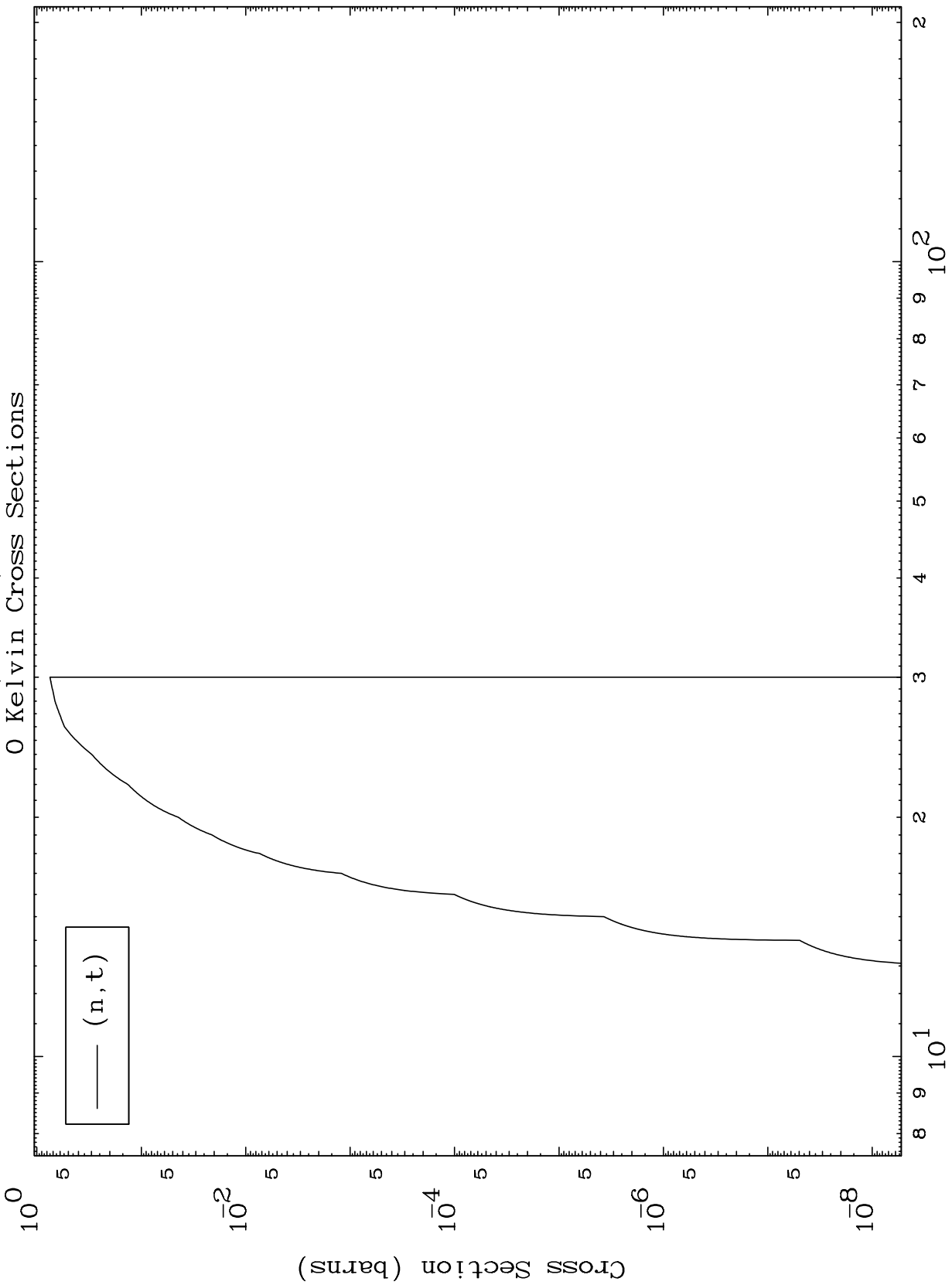
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(He-3,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

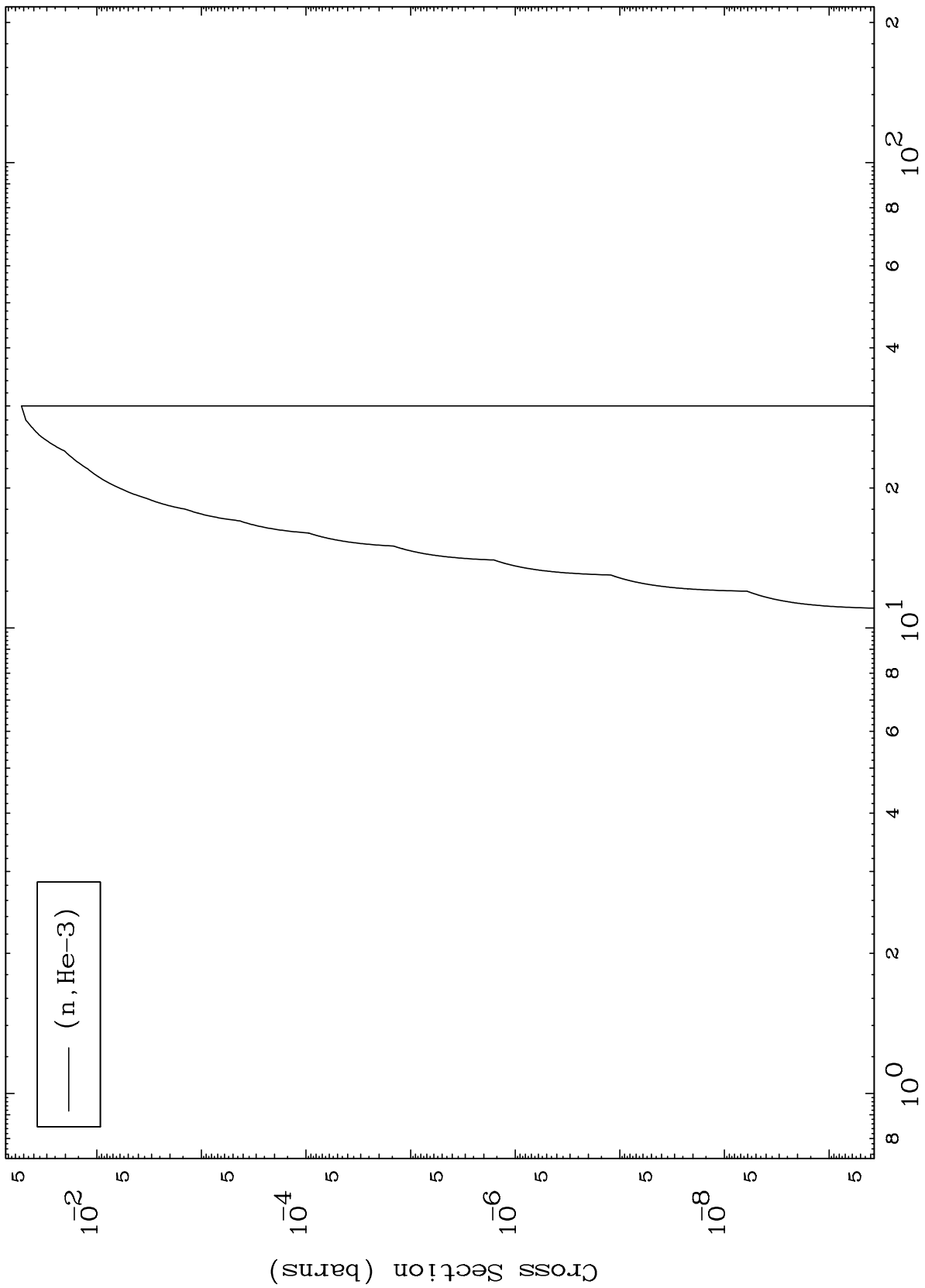
62-Sm-142

MAT 6219

(He-3, He3) Levels

62-Sm-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

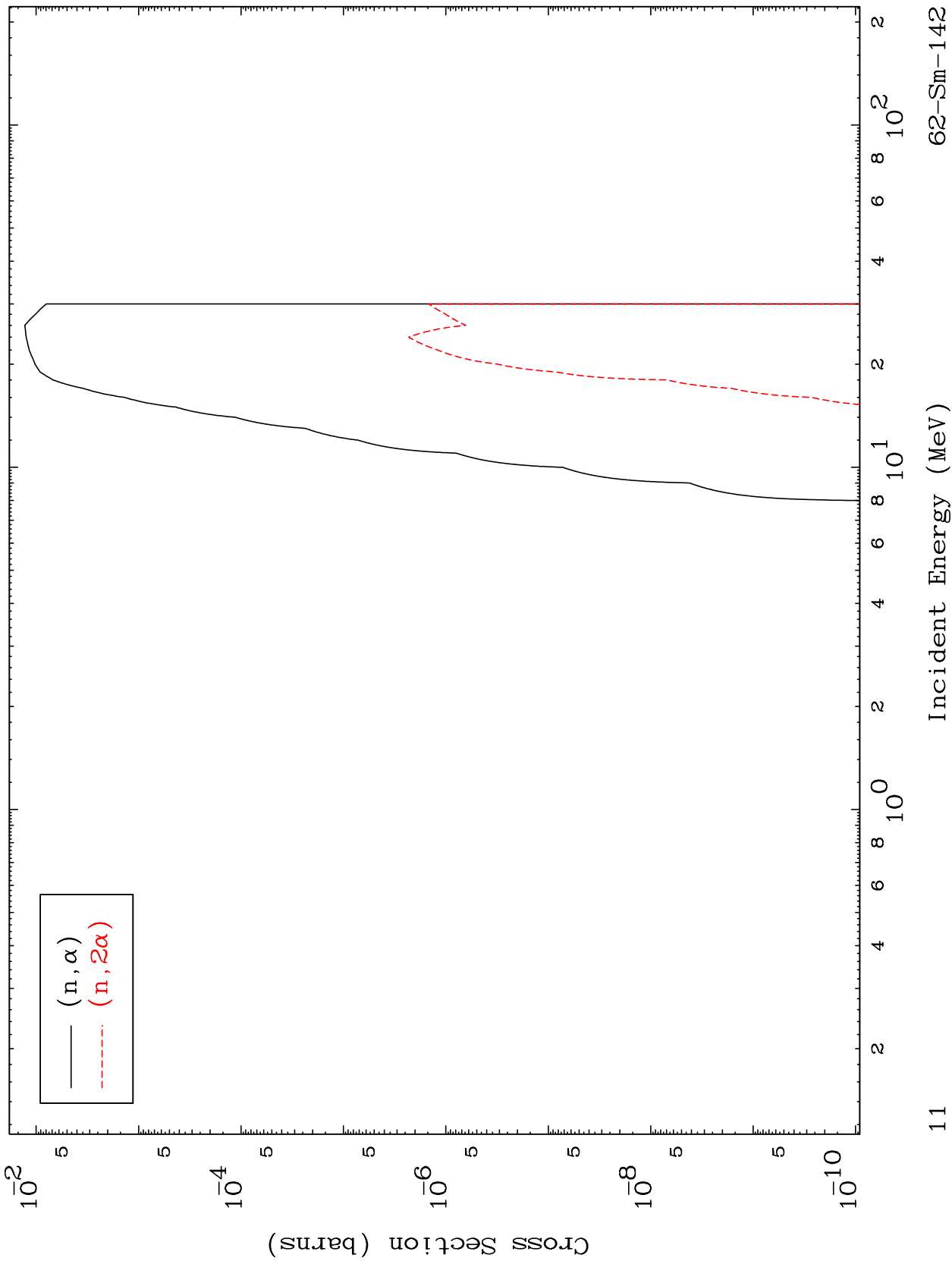
62-Sm-142

MAT 6219

(He-3, α) Levels

62-Sm-142

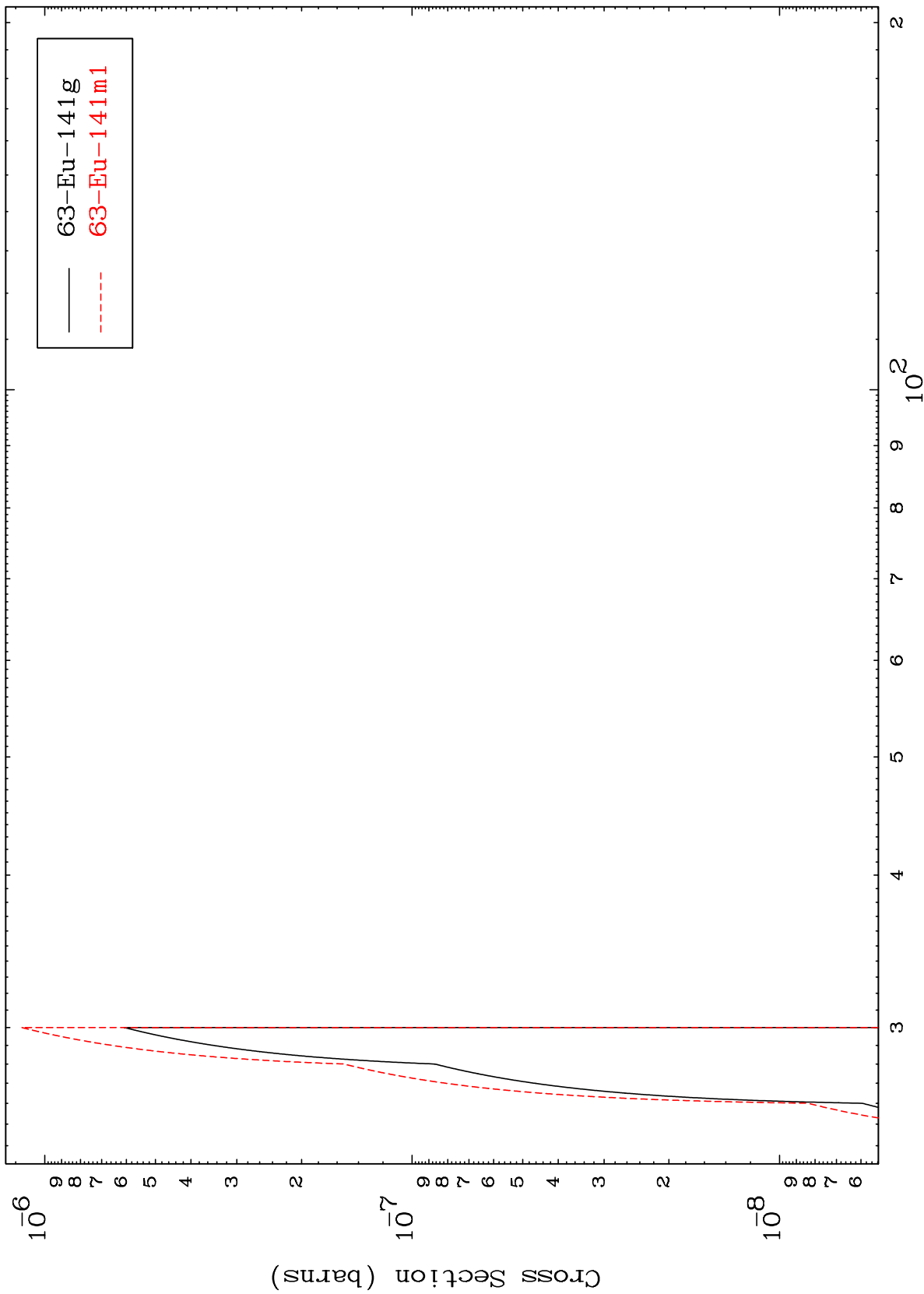
0 Kelvin Cross Sections



MAT 6219

62-Sm-142

(n,2n) d
Radionuclide Production Cross Section



62-Sm-142

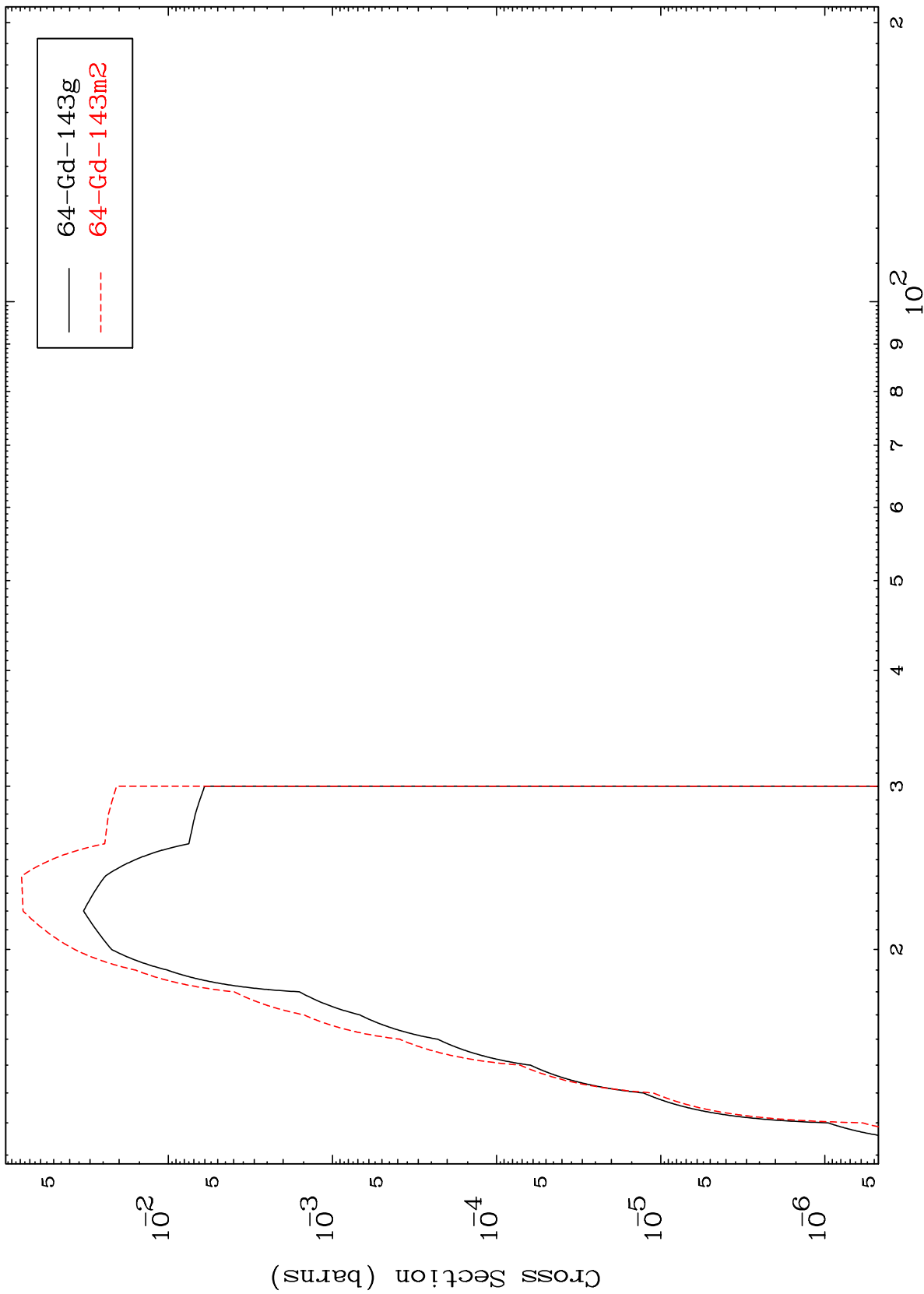
Incident Energy (MeV)

12

MAT 6219

62-Sm-142

(n,2n)
Radionuclide Production Cross Section



13

62-Sm-142

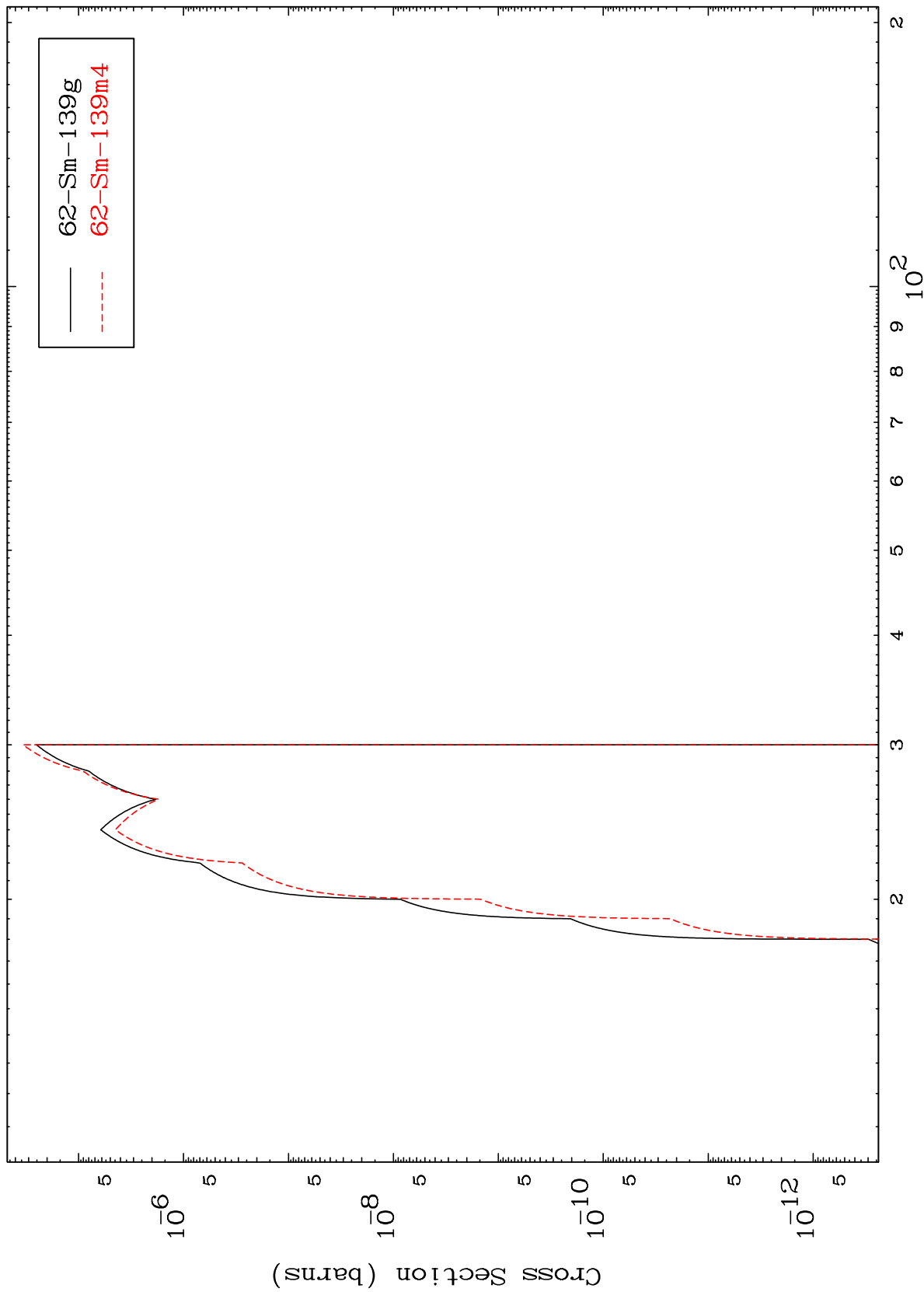
Incident Energy (MeV)

MAT 6219

62-Sm-142

(n,2n) α

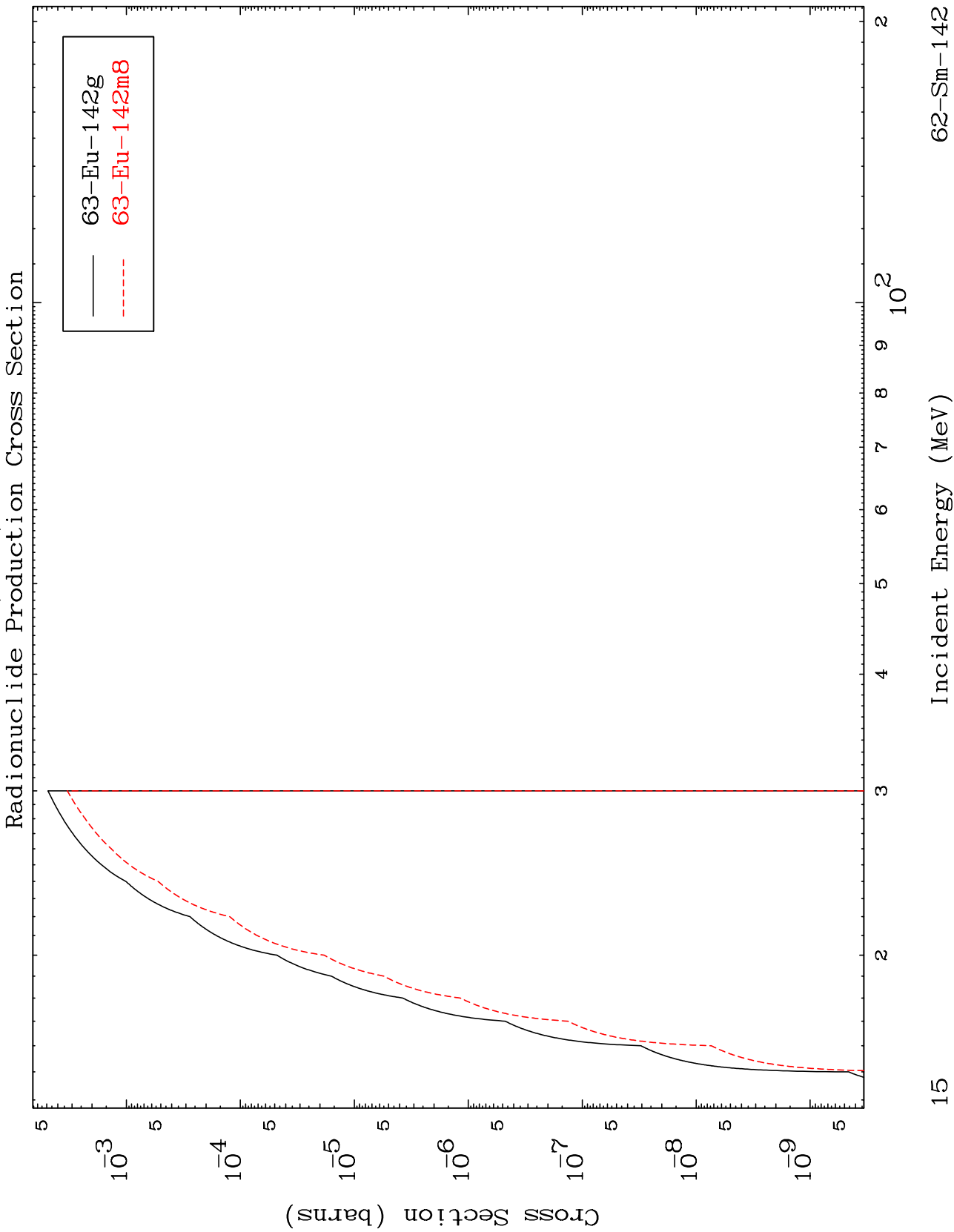
Radionuclide Production Cross Section



14

Incident Energy (MeV)

62-Sm-142

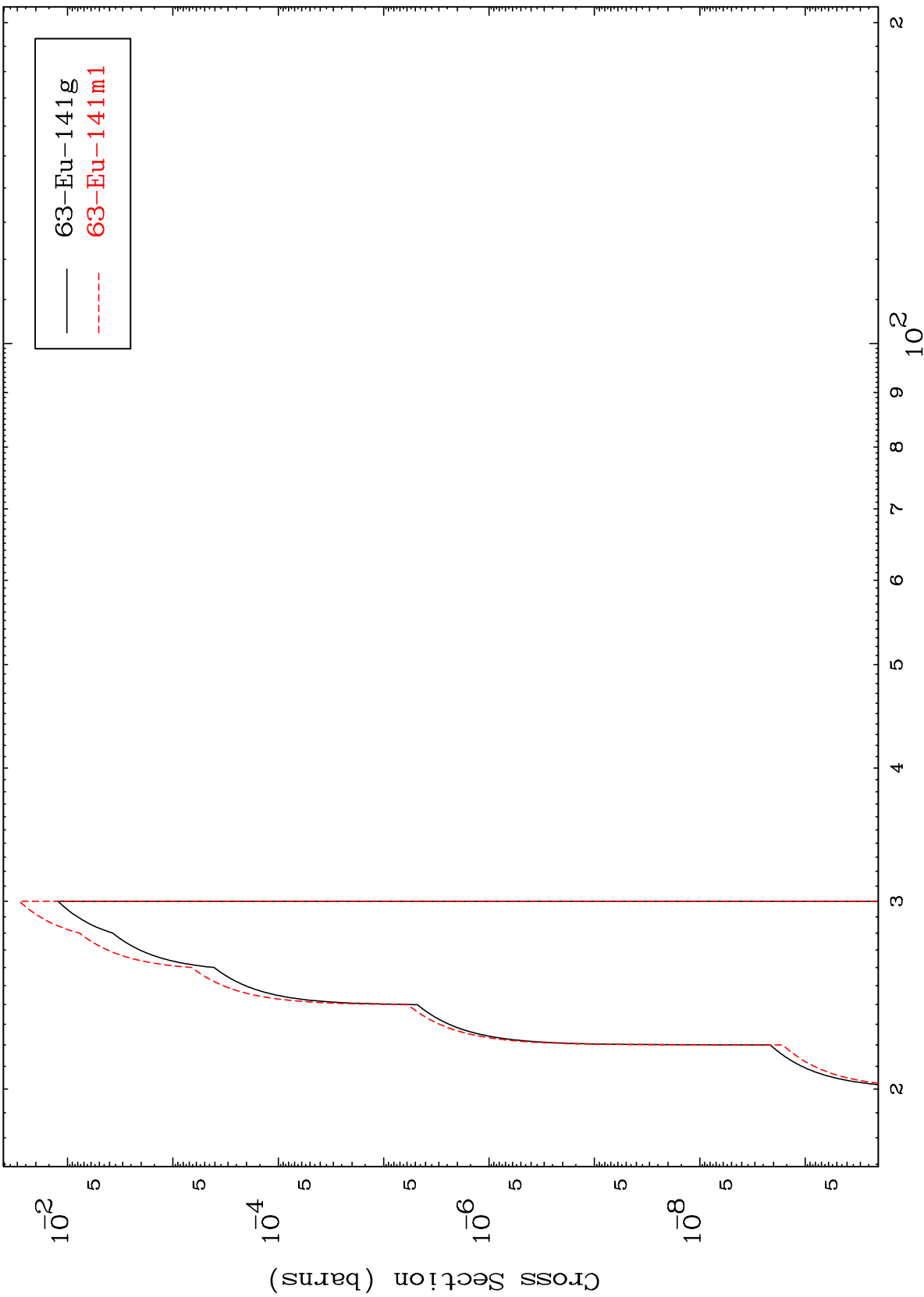


MAT 6219

(n,n') t

62-Sm-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

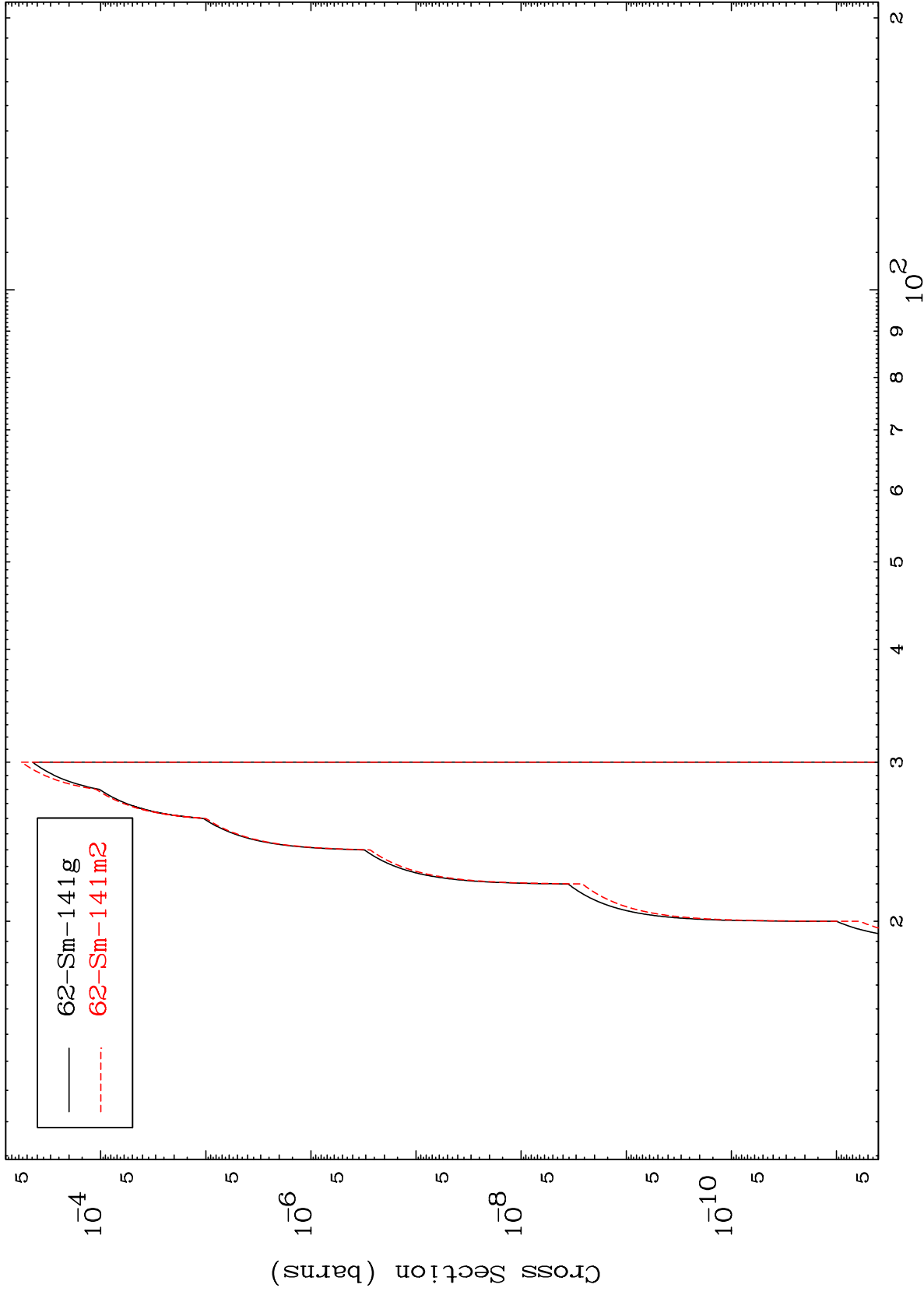
62-Sm-142

MAT 6219

(n,n') He-3

62-Sm-142

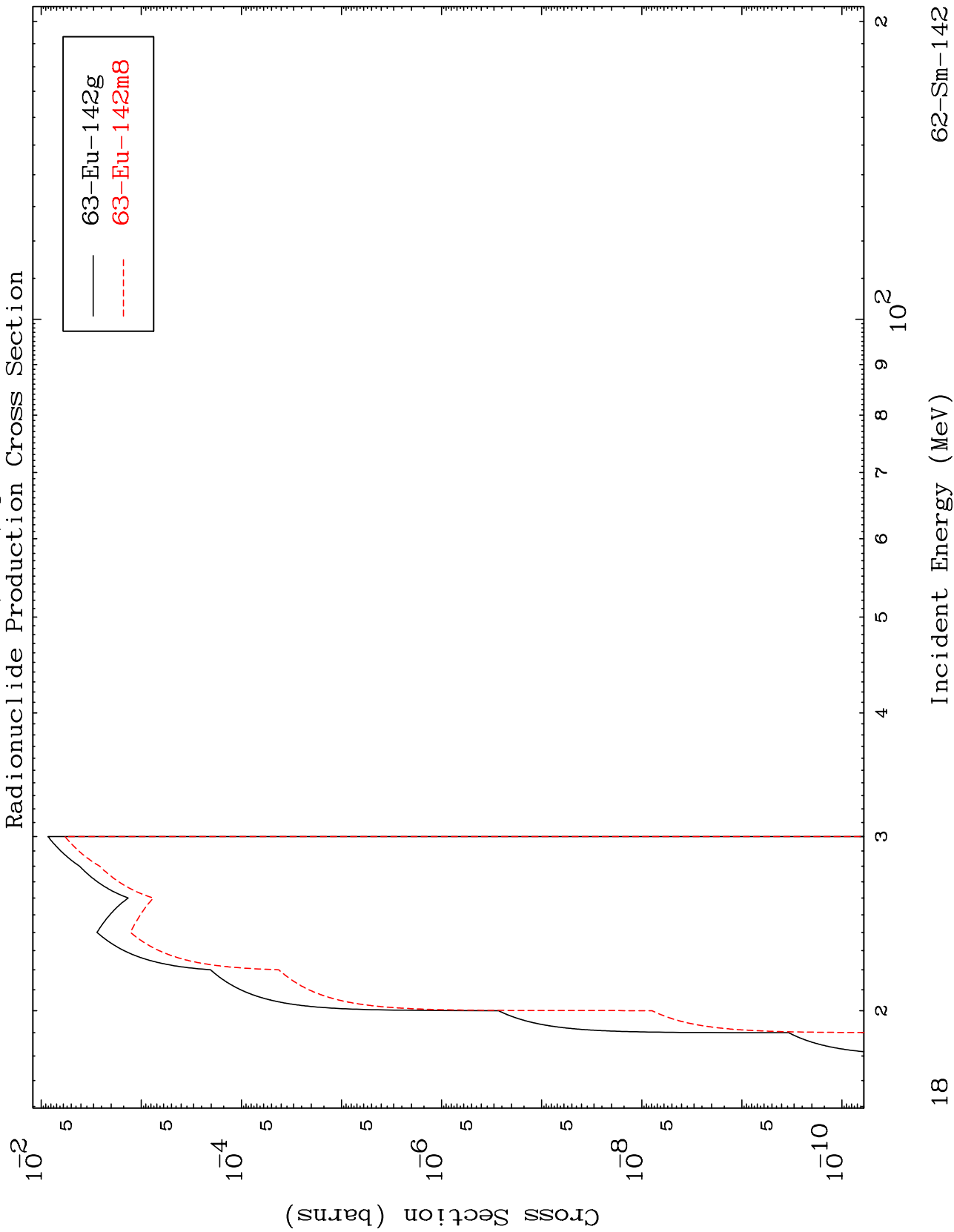
Radionuclide Production Cross Section



MAT 6219

(n,2n) p

62-Sm-142



18

Incident Energy (MeV)

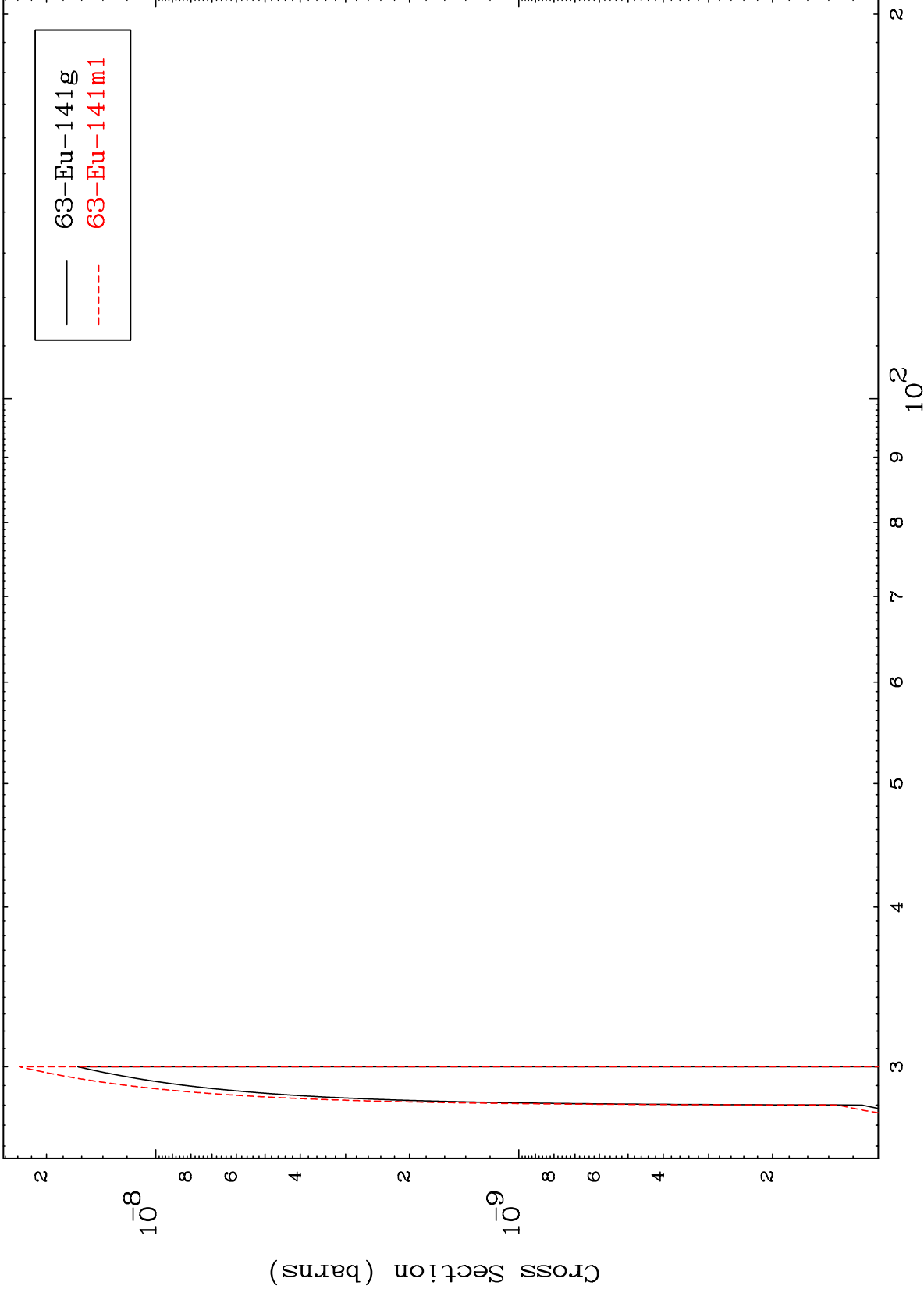
62-Sm-142

MAT 6219

(n,3n) p

62-Sm-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

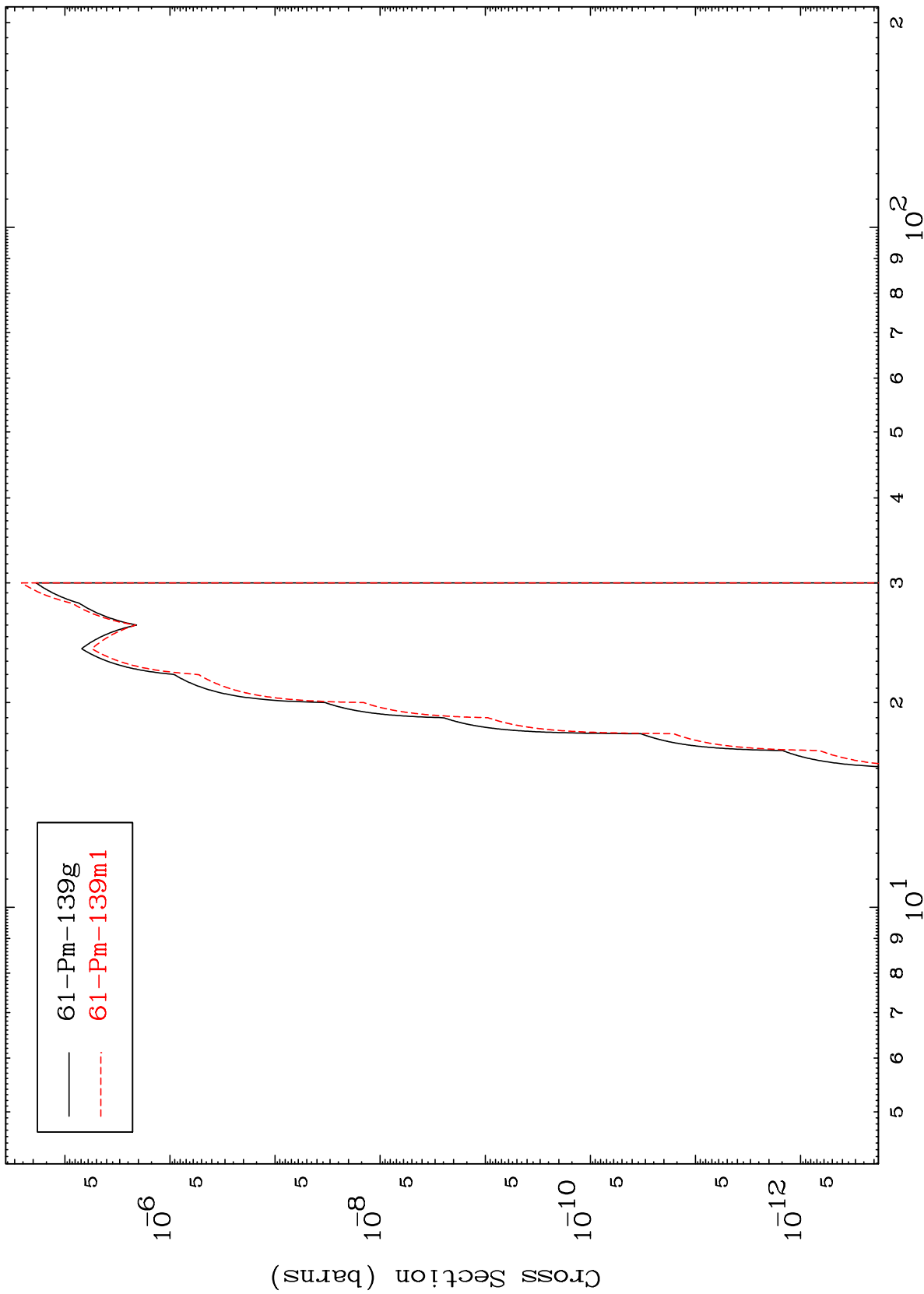
62-Sm-142

MAT 6219

(n,n') p α

62-Sm-142

Radionuclide Production Cross Section



20

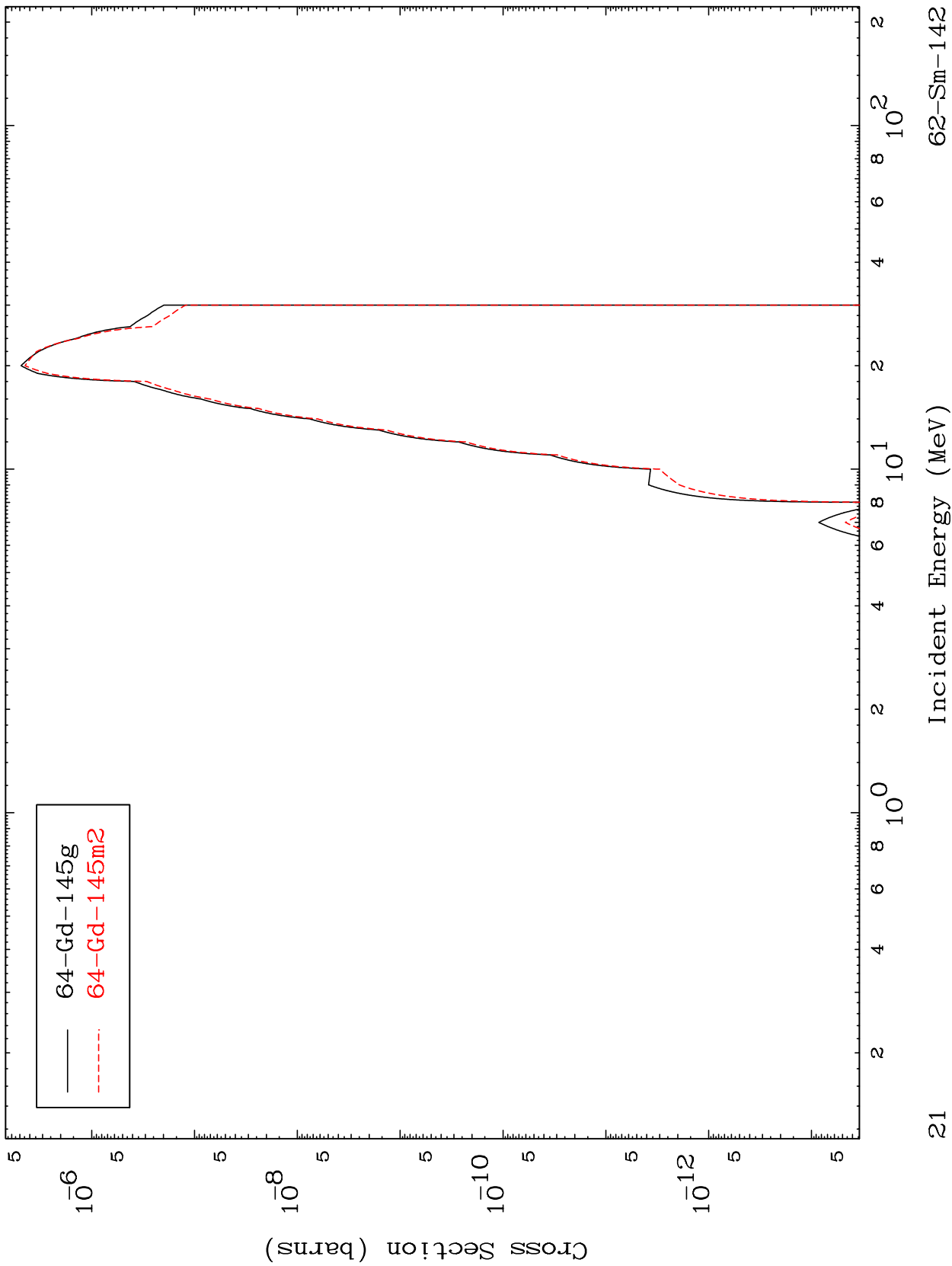
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

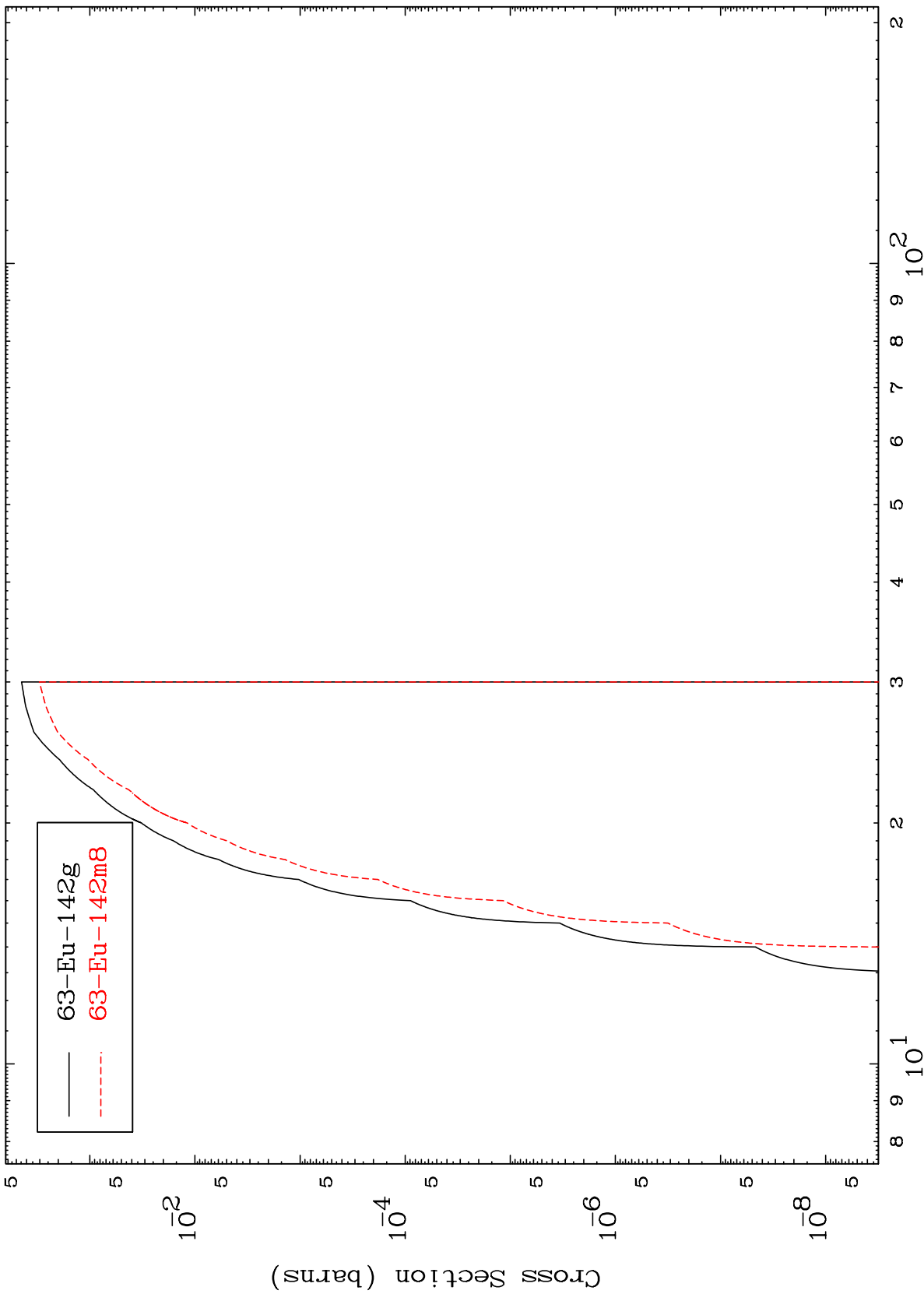
(n, γ)
Radionuclide Production Cross Section



MAT 6219

62-Sm-142

(n,t)
Radionuclide Production Cross Section

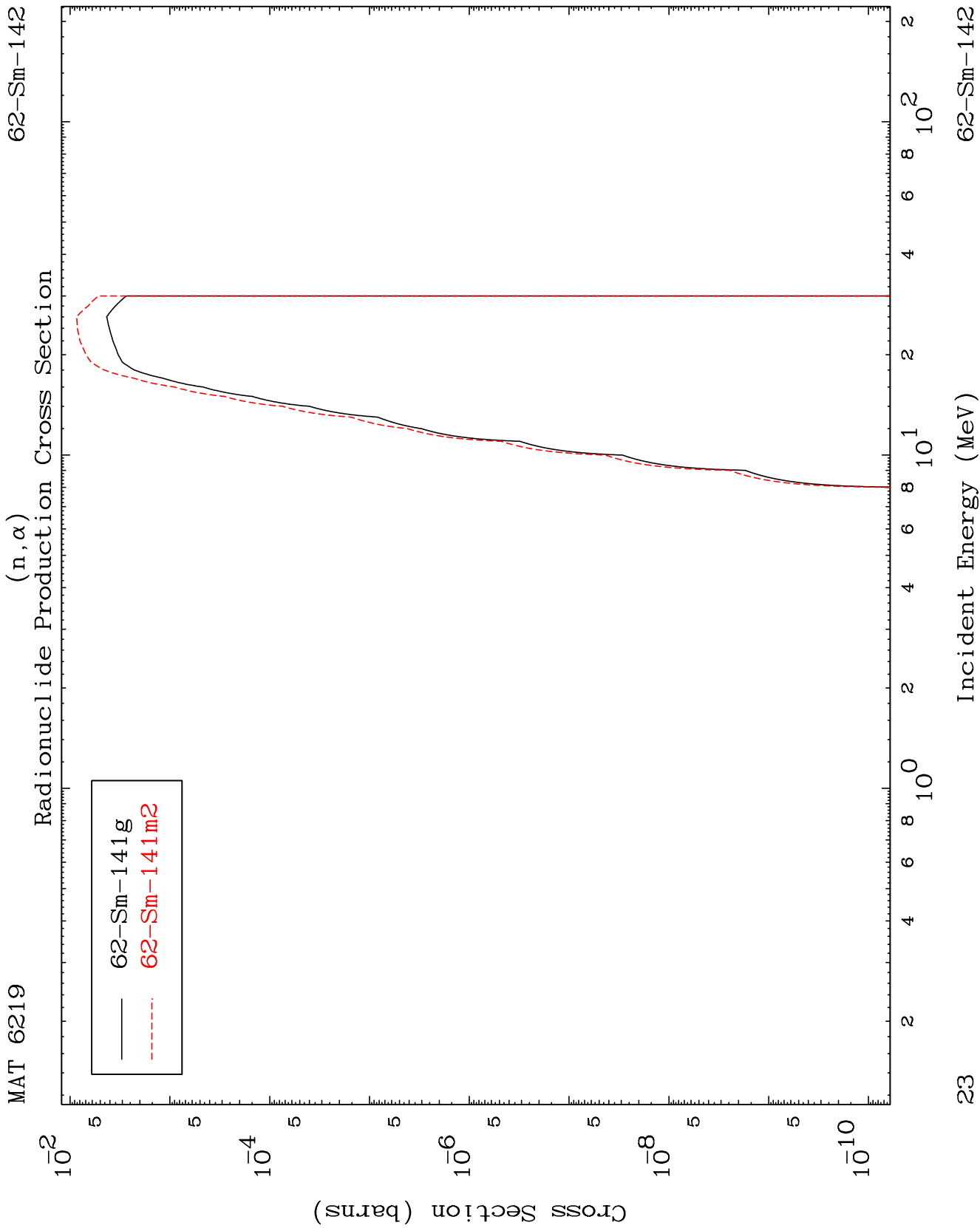


63-Eu-142g
63-Eu-142m8

62-Sm-142

Incident Energy (MeV)

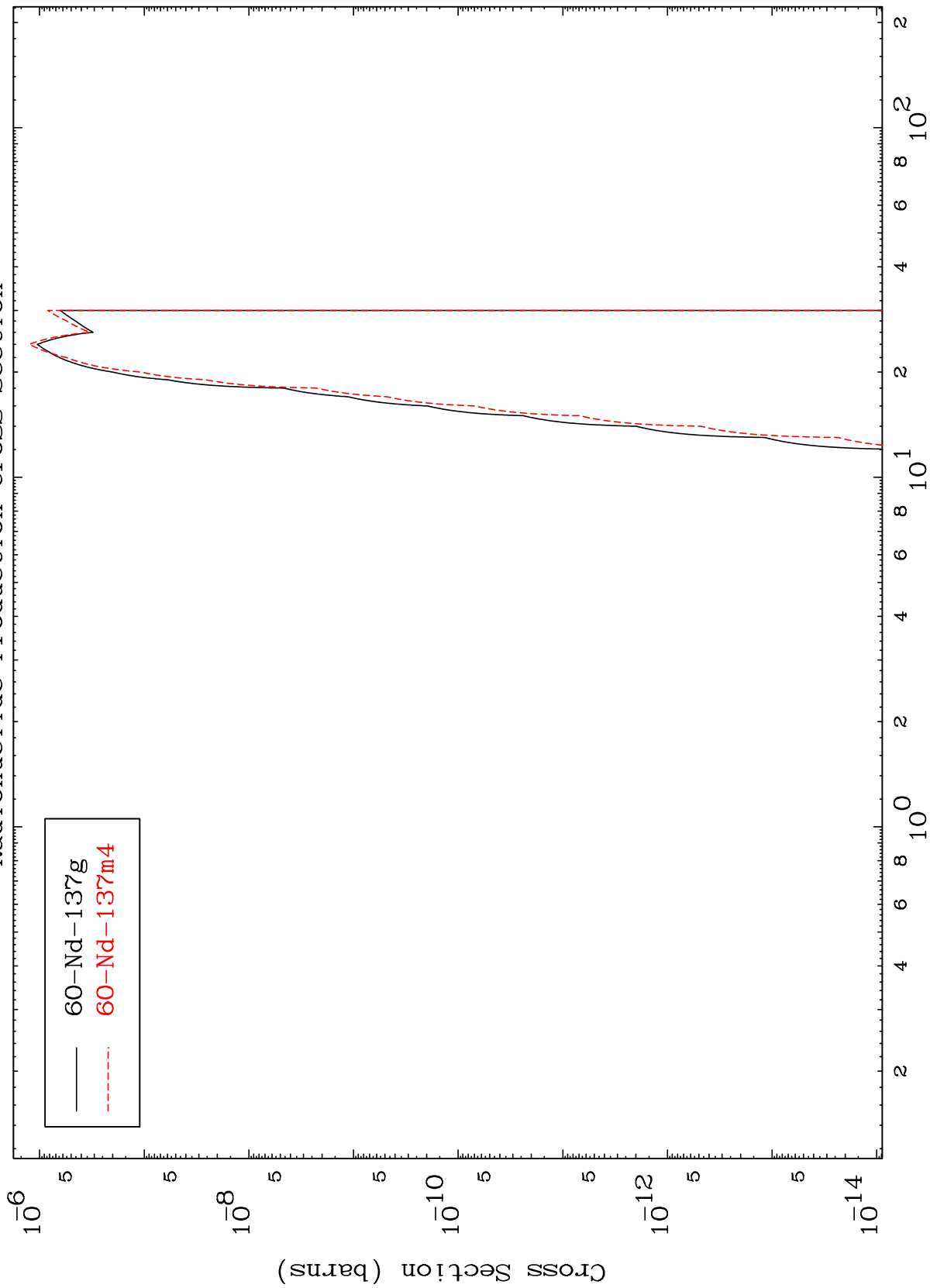
22



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62-Sm-142

Radionuclide Production Cross Section
(n,2 α)

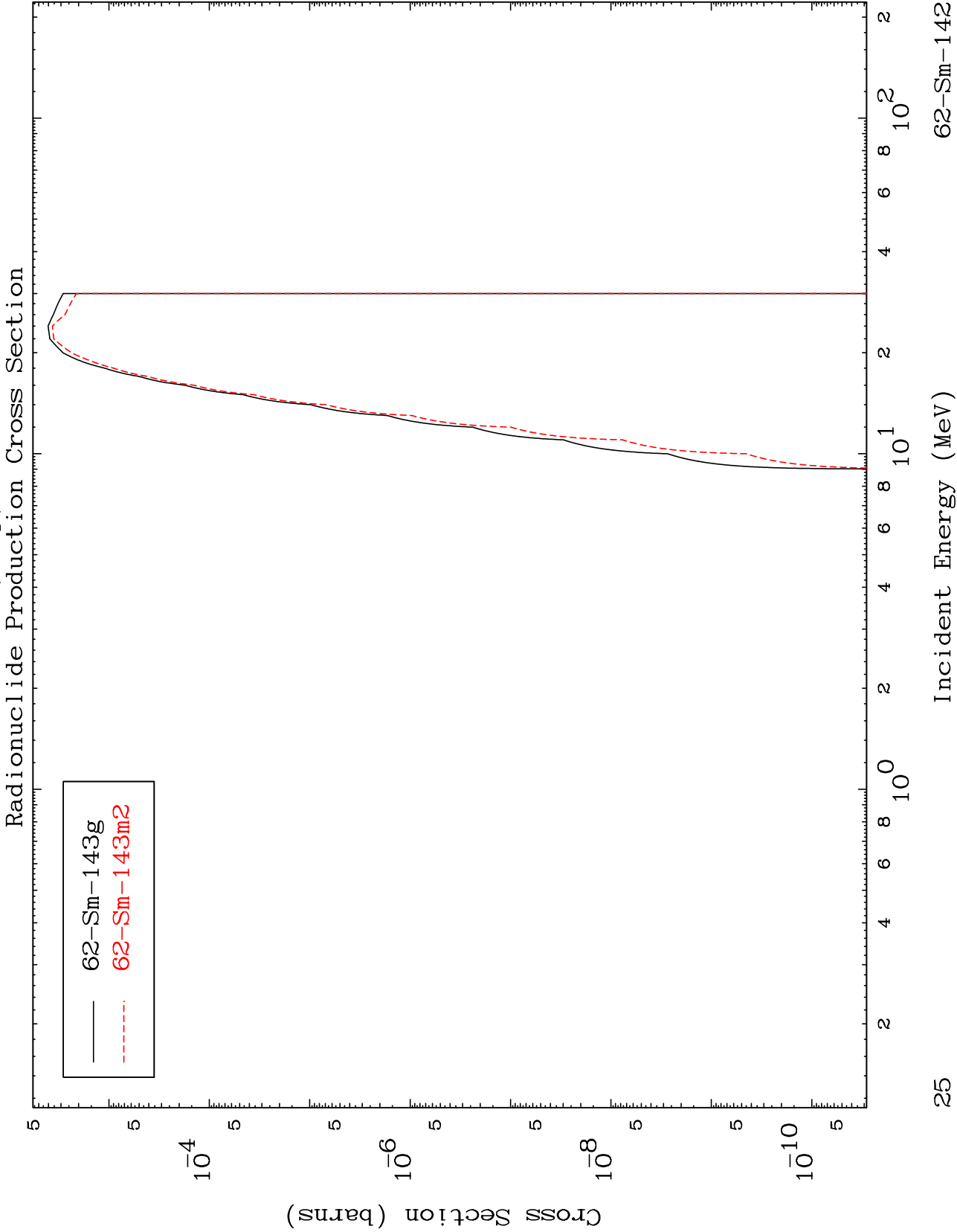


60-Nd-137g
60-Nd-137m4

MAT 6219

(n,2p)

62-Sm-142

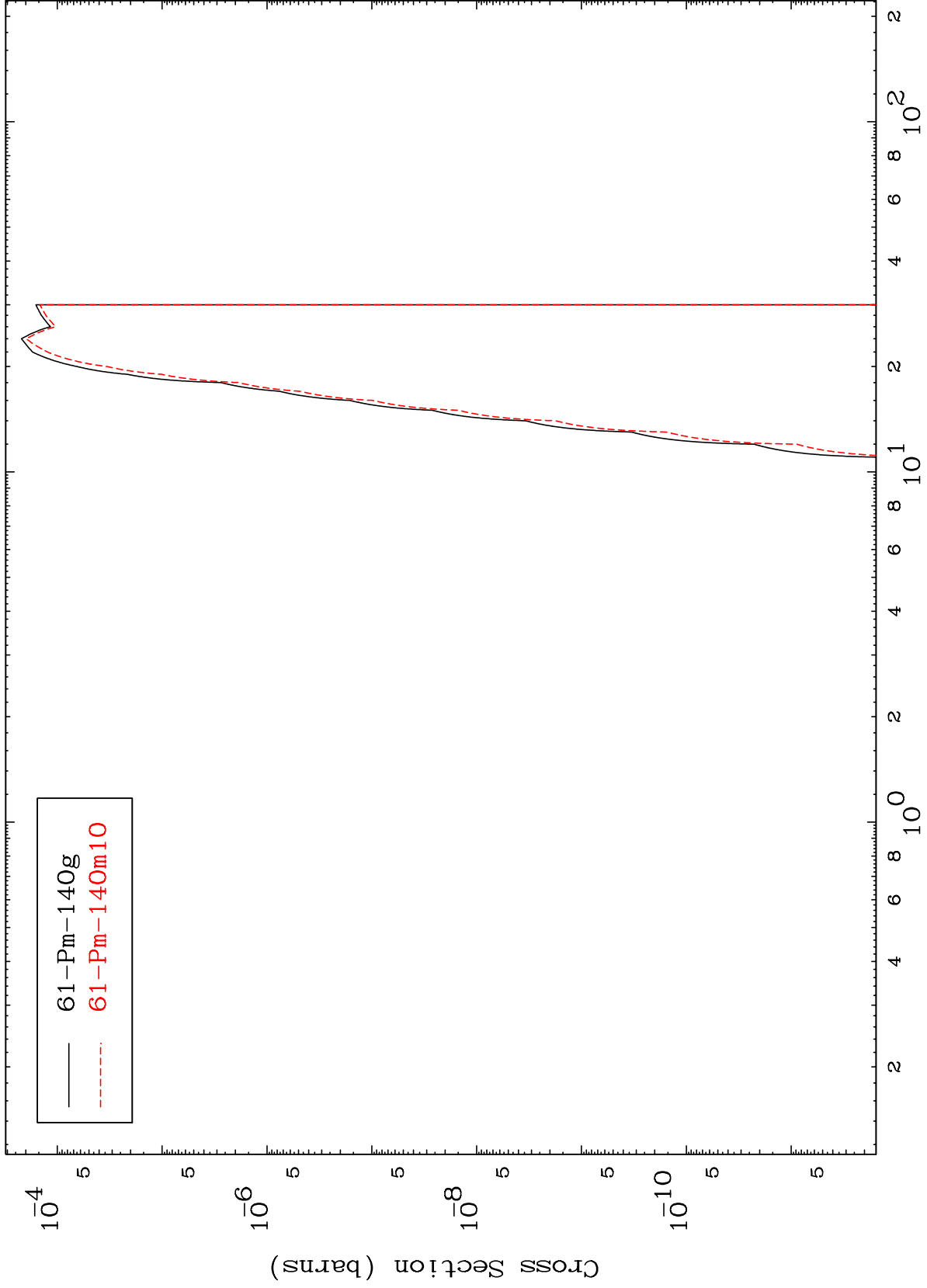


MAT 6219

(n,p) α

62-Sm-142

Radionuclide Production Cross Section

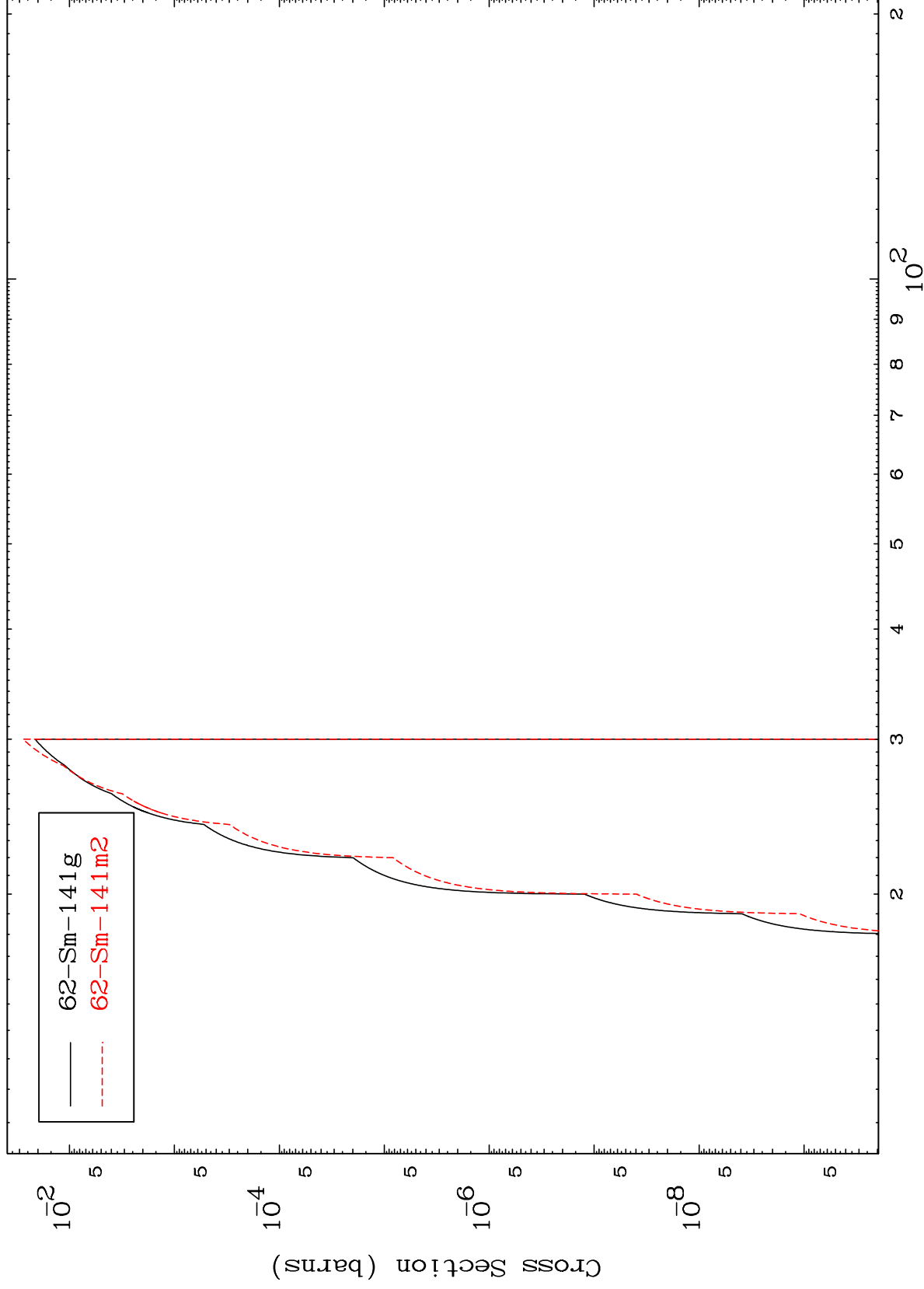


MAT 6219

(n,p) t

62-Sm-142

Radionuclide Production Cross Section



27

Incident Energy (MeV)

62-Sm-142

MAT 6219

(n,d) α

$^{62}\text{Sm}-142$

Radionuclide Production Cross Section

