

Program EVALPLOT
(Version 2021-1)

by

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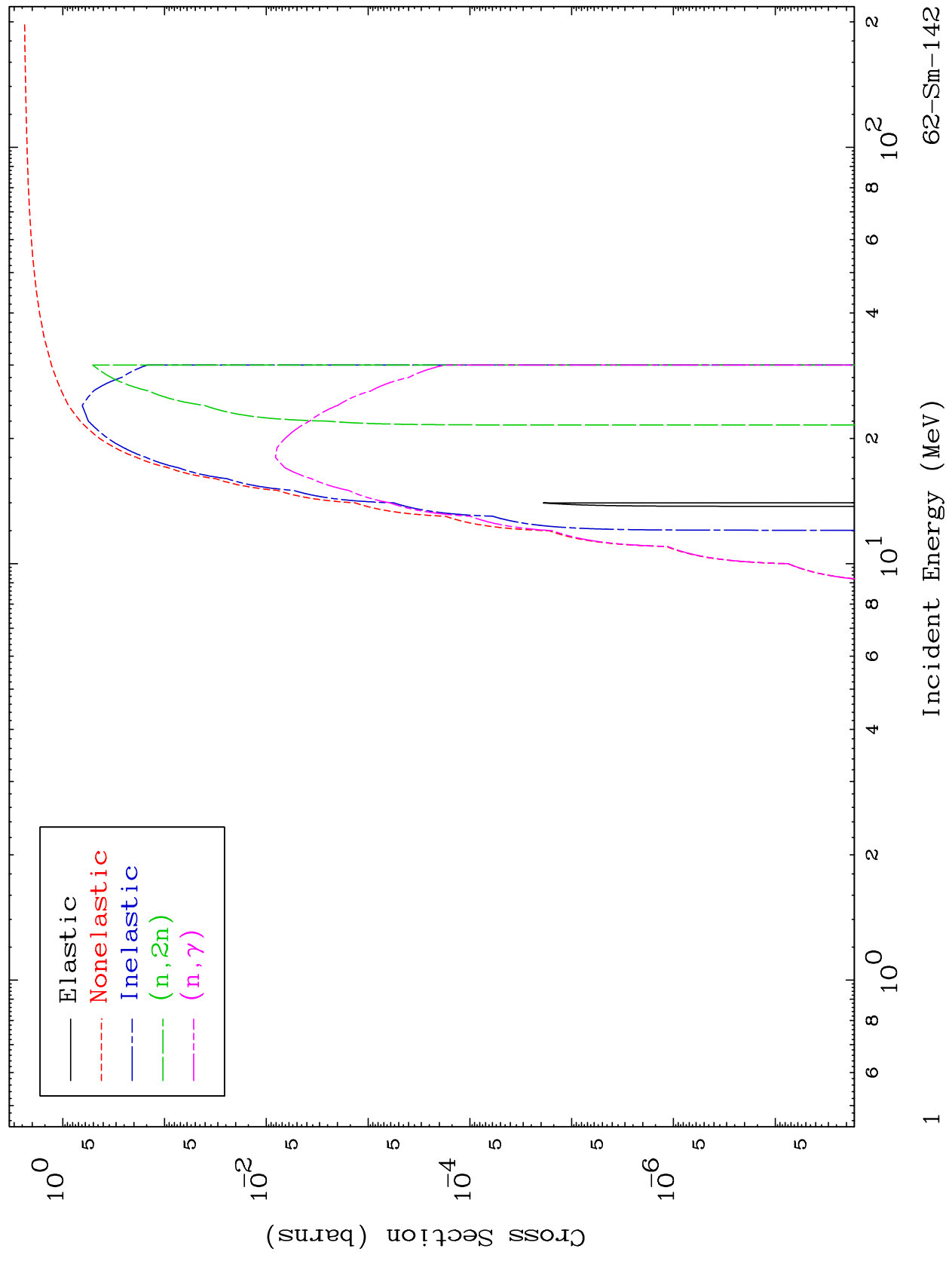
Press Mouse Button to Start

MAT 6219

0 Kelvin

α Major

62-Sm-142

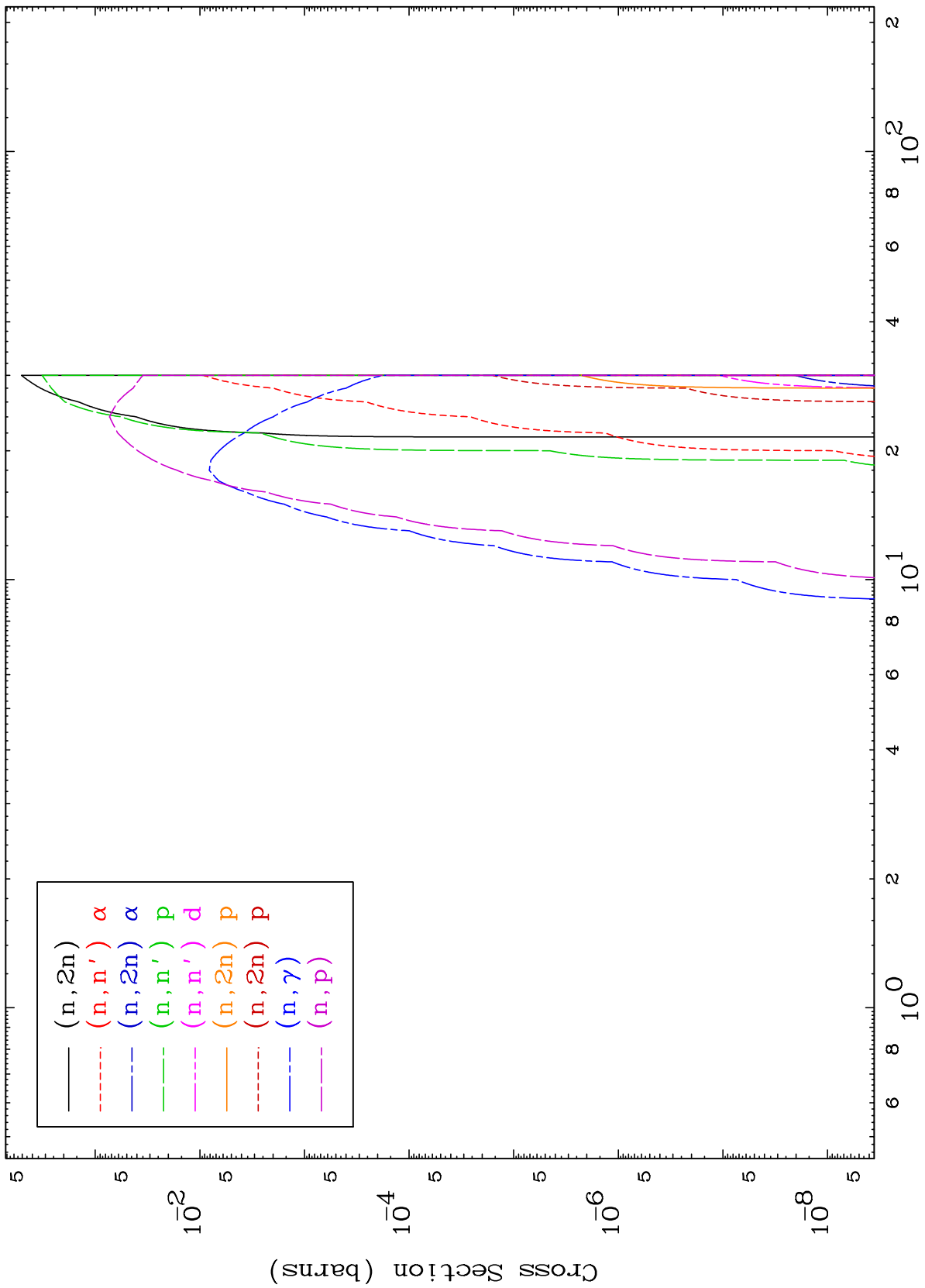


MAT 6219

α Neutron Absorption

62-Sm-142

0 Kelvin Cross Sections



Incident Energy (MeV)

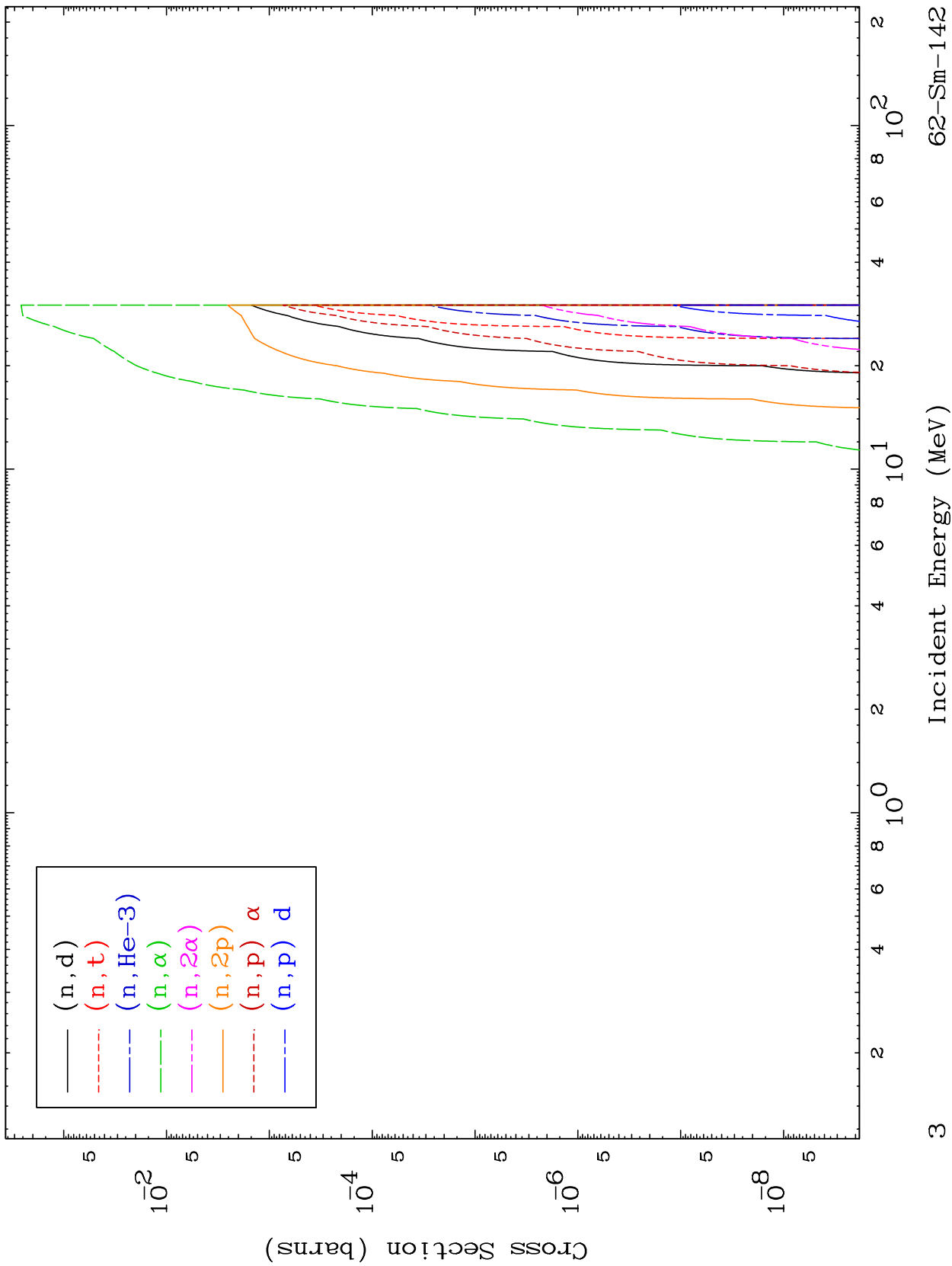
62-Sm-142

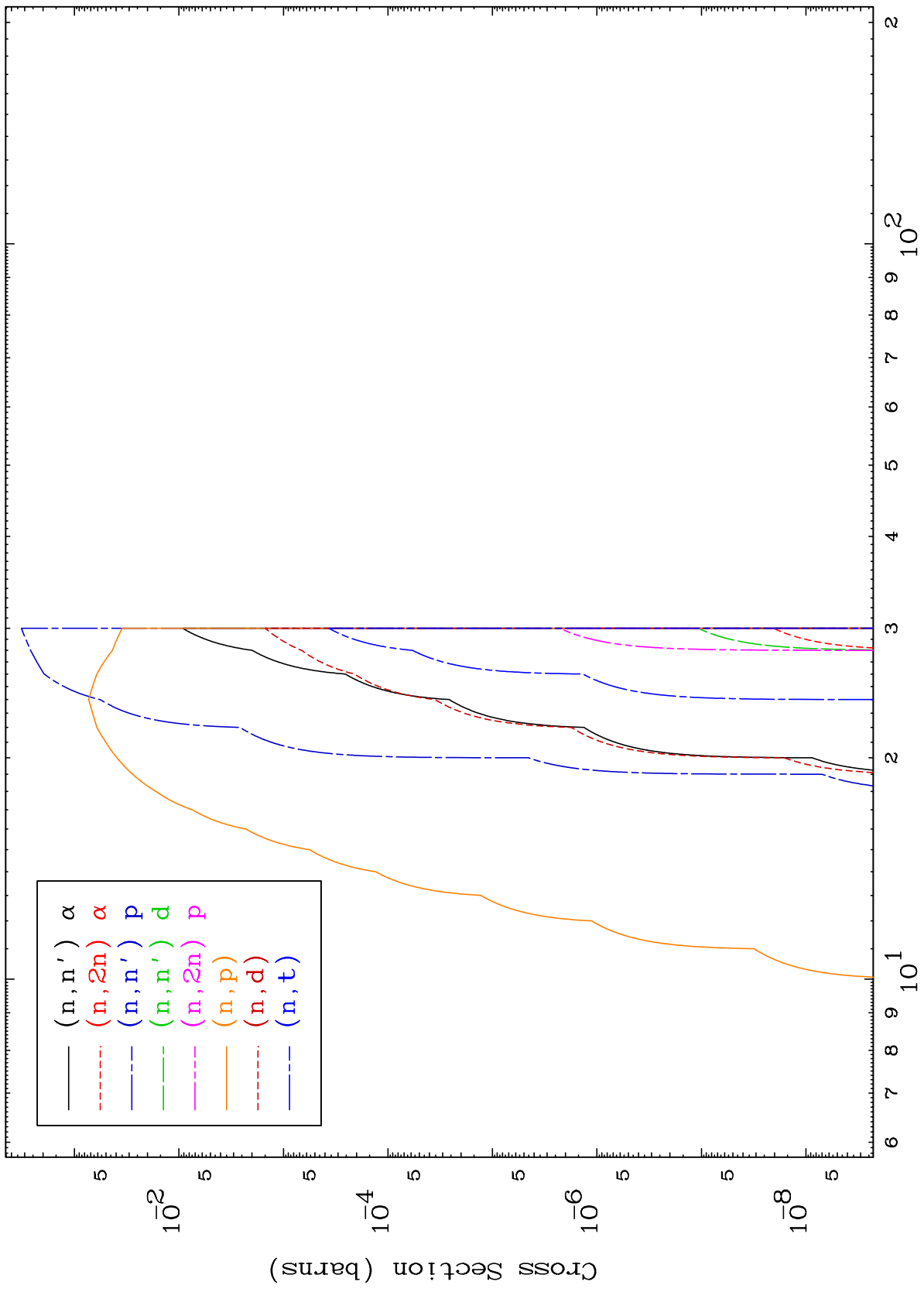
2

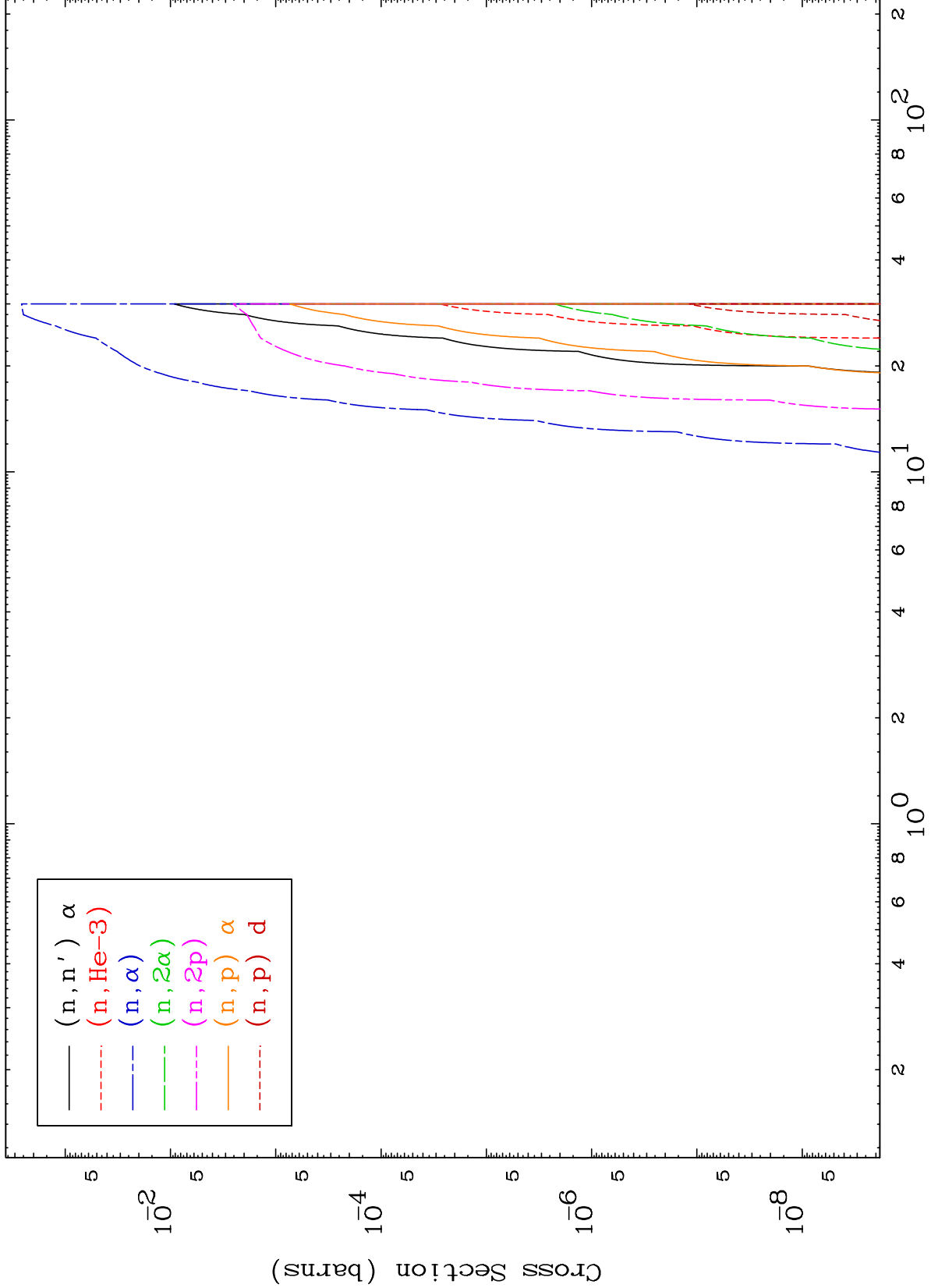
MAT 6219

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-142



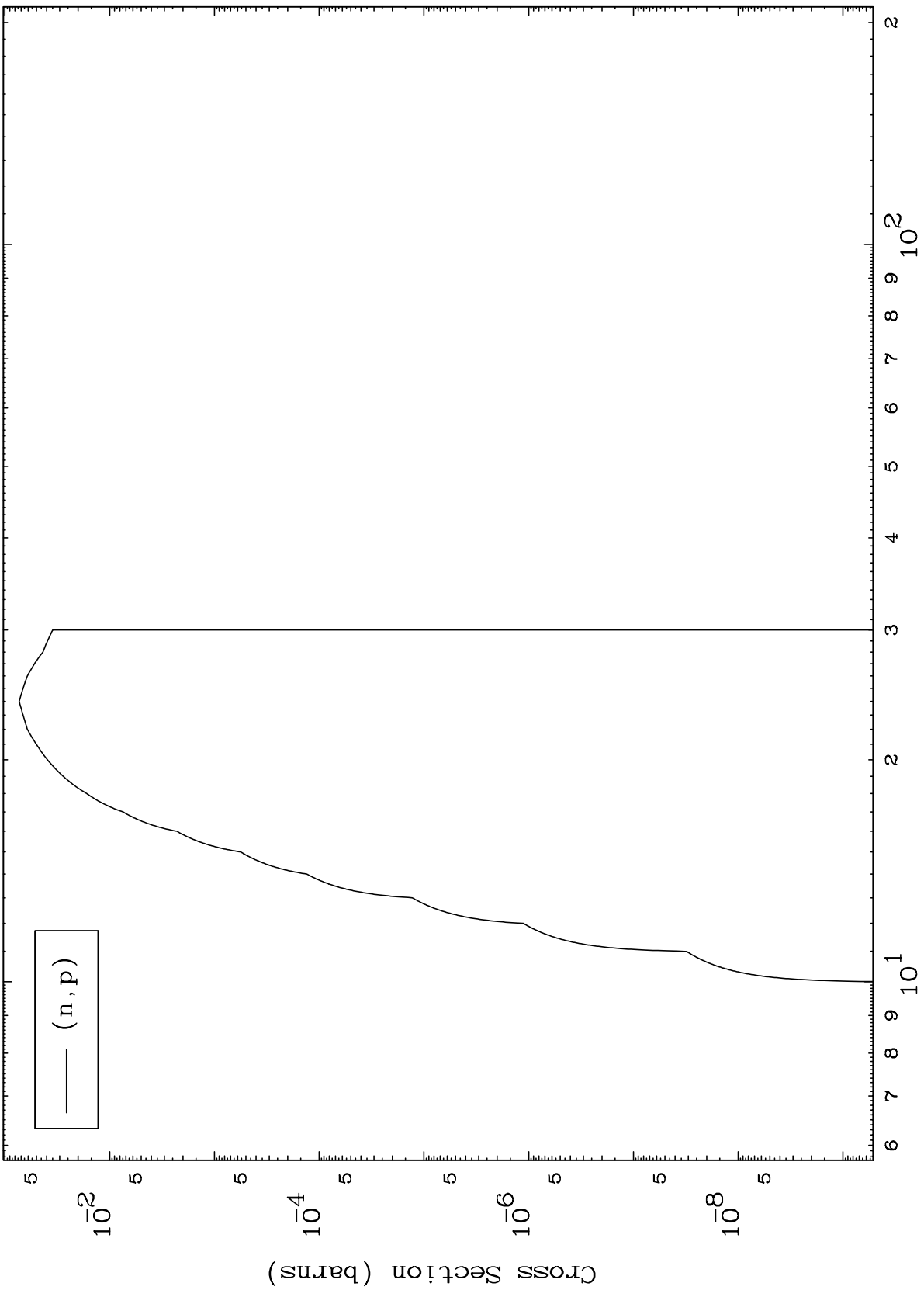




MAT 6219

62-Sm-142

(α, p) Levels
0 Kelvin Cross Sections



62-Sm-142

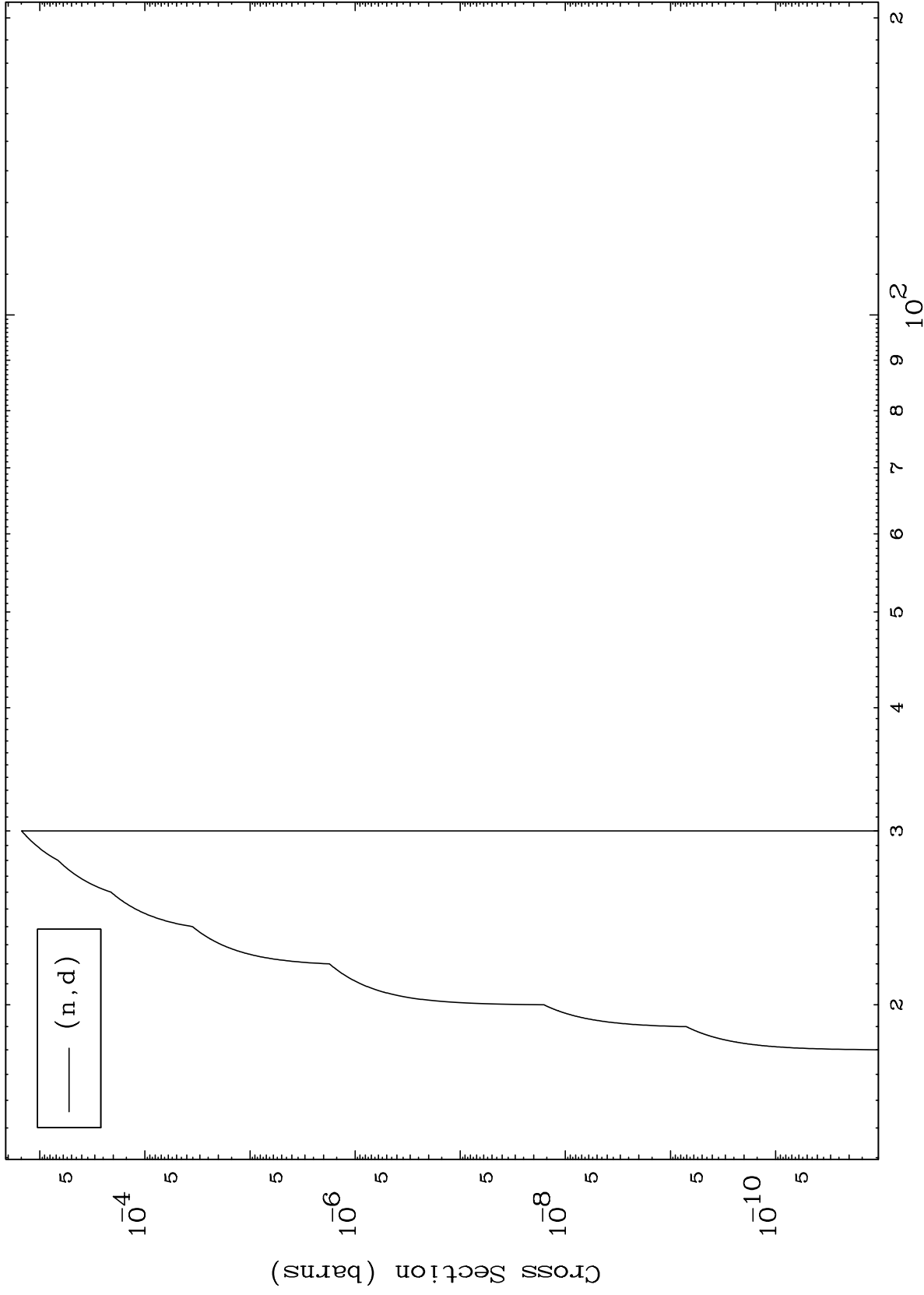
Incident Energy (MeV)

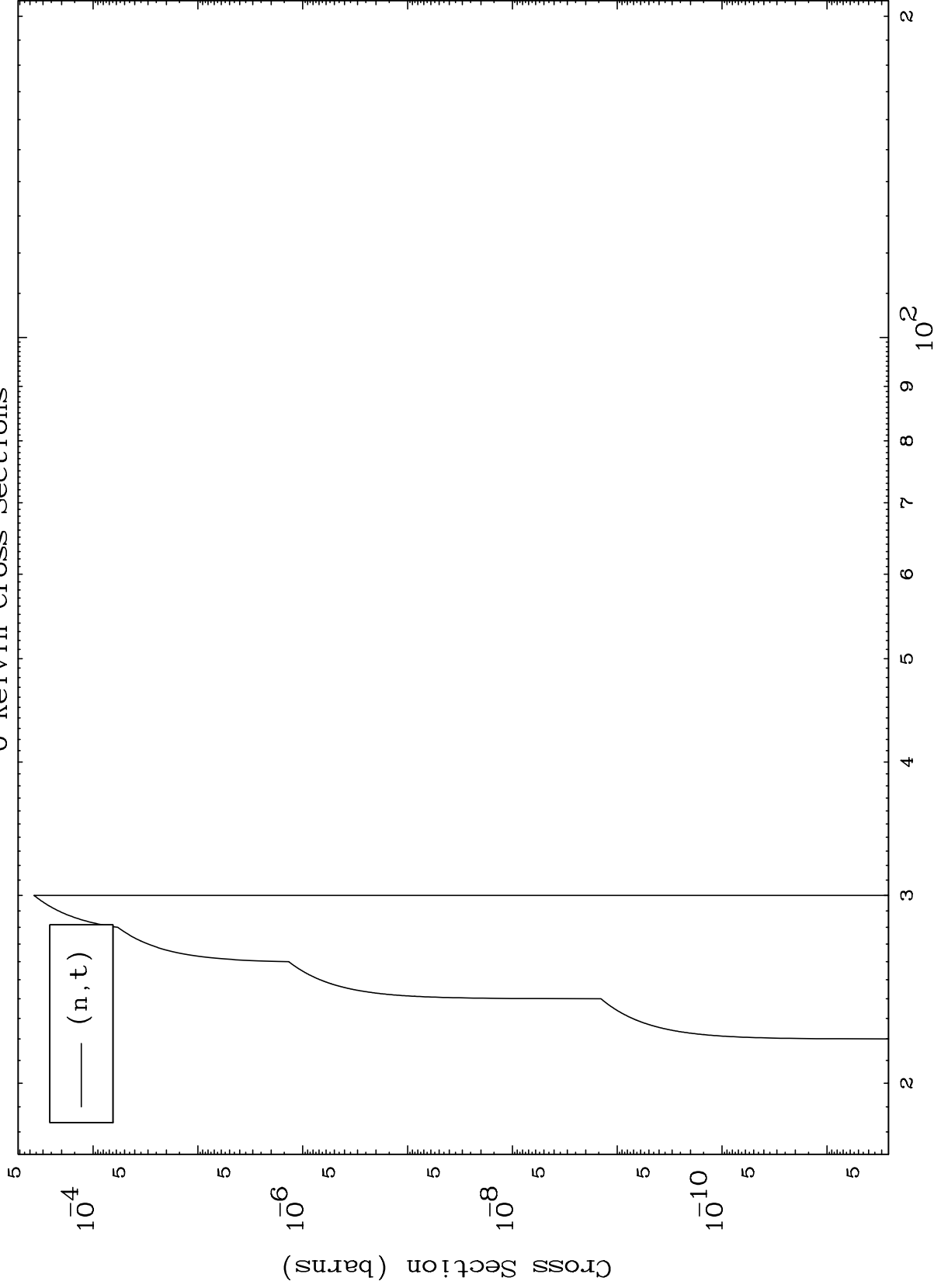
6

MAT 6219

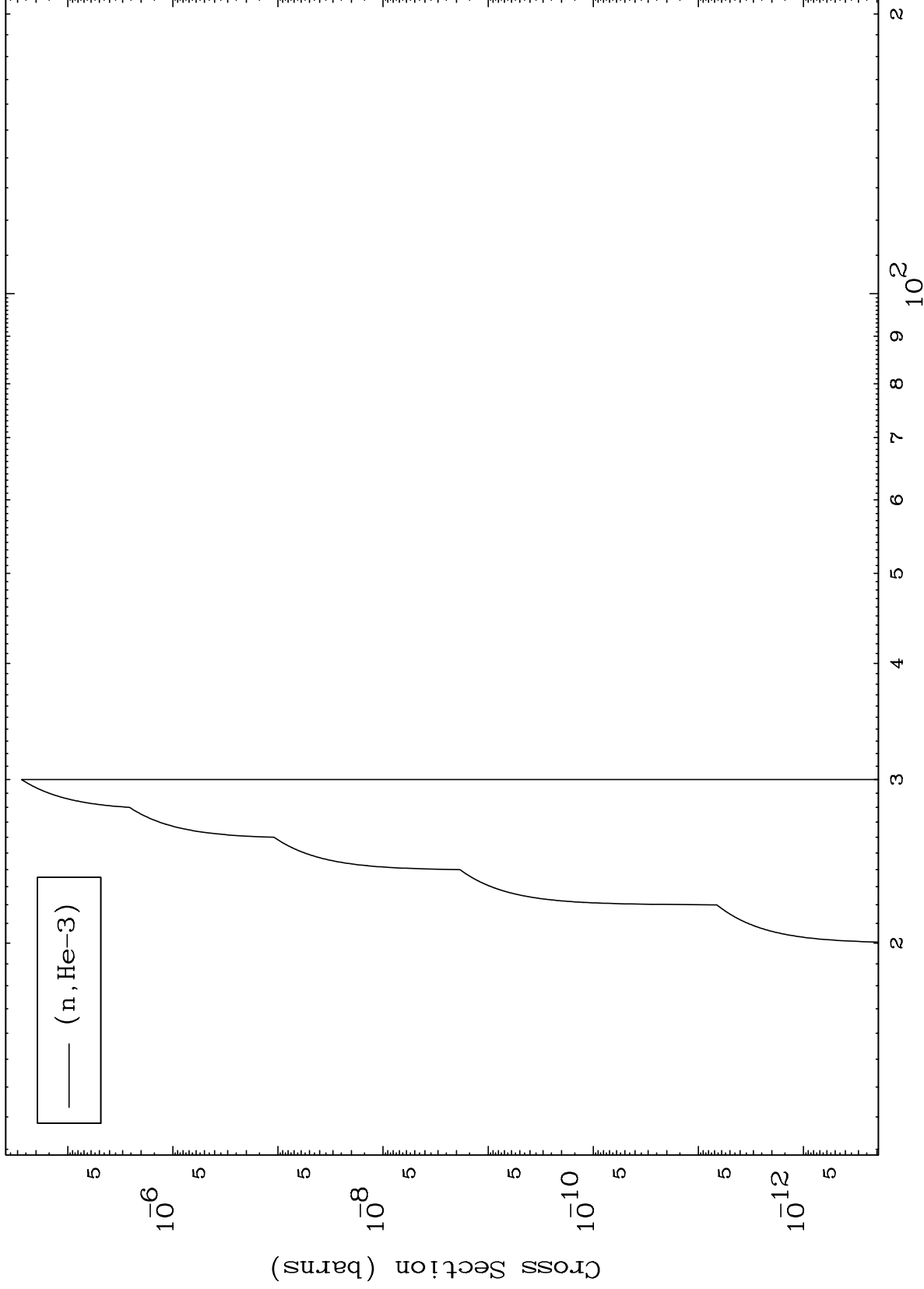
(α, d) Levels
0 Kelvin Cross Sections

62-Sm-142





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

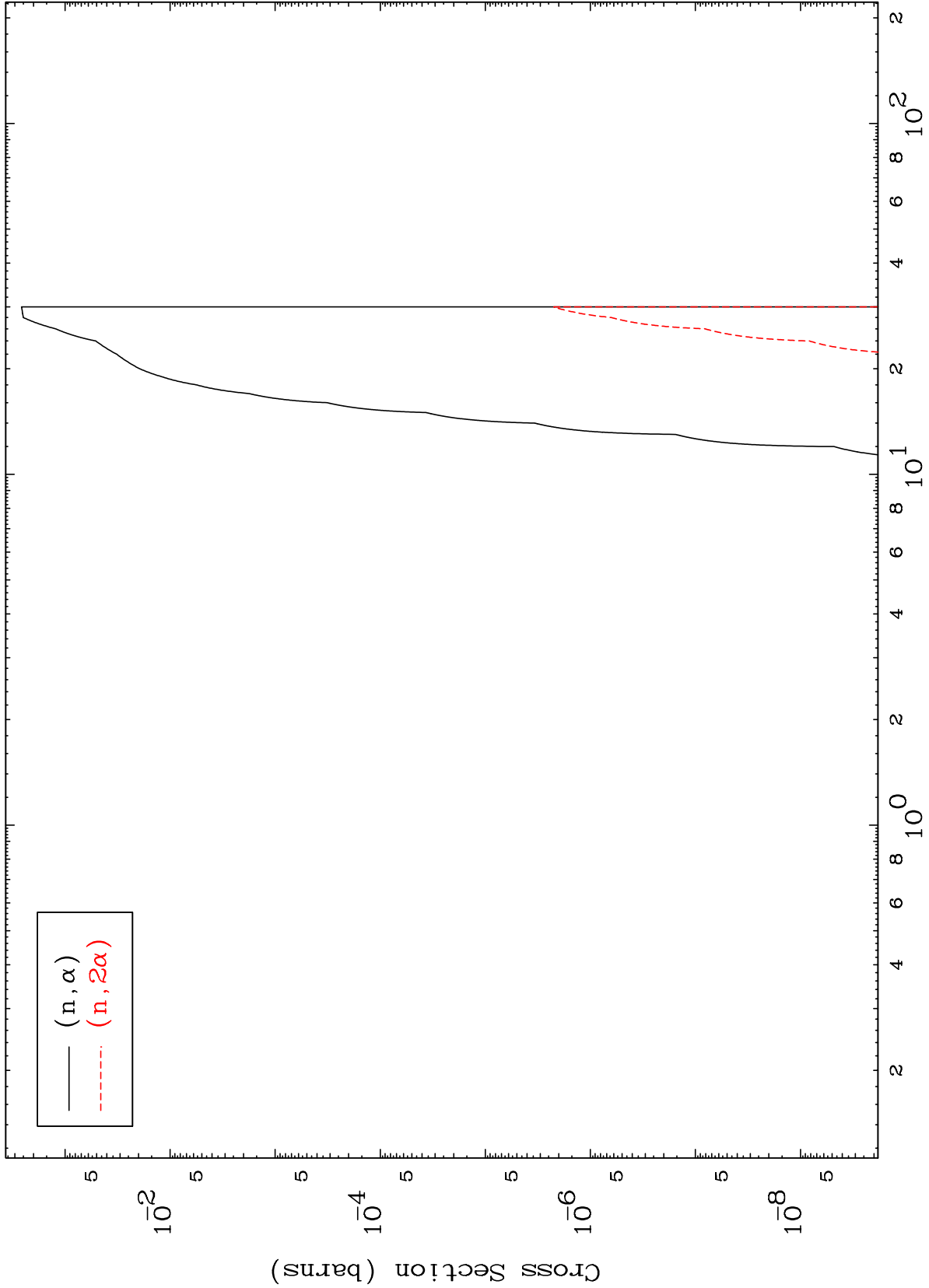


MAT 6219

(α, α) Levels

62-Sm-142

0 Kelvin Cross Sections

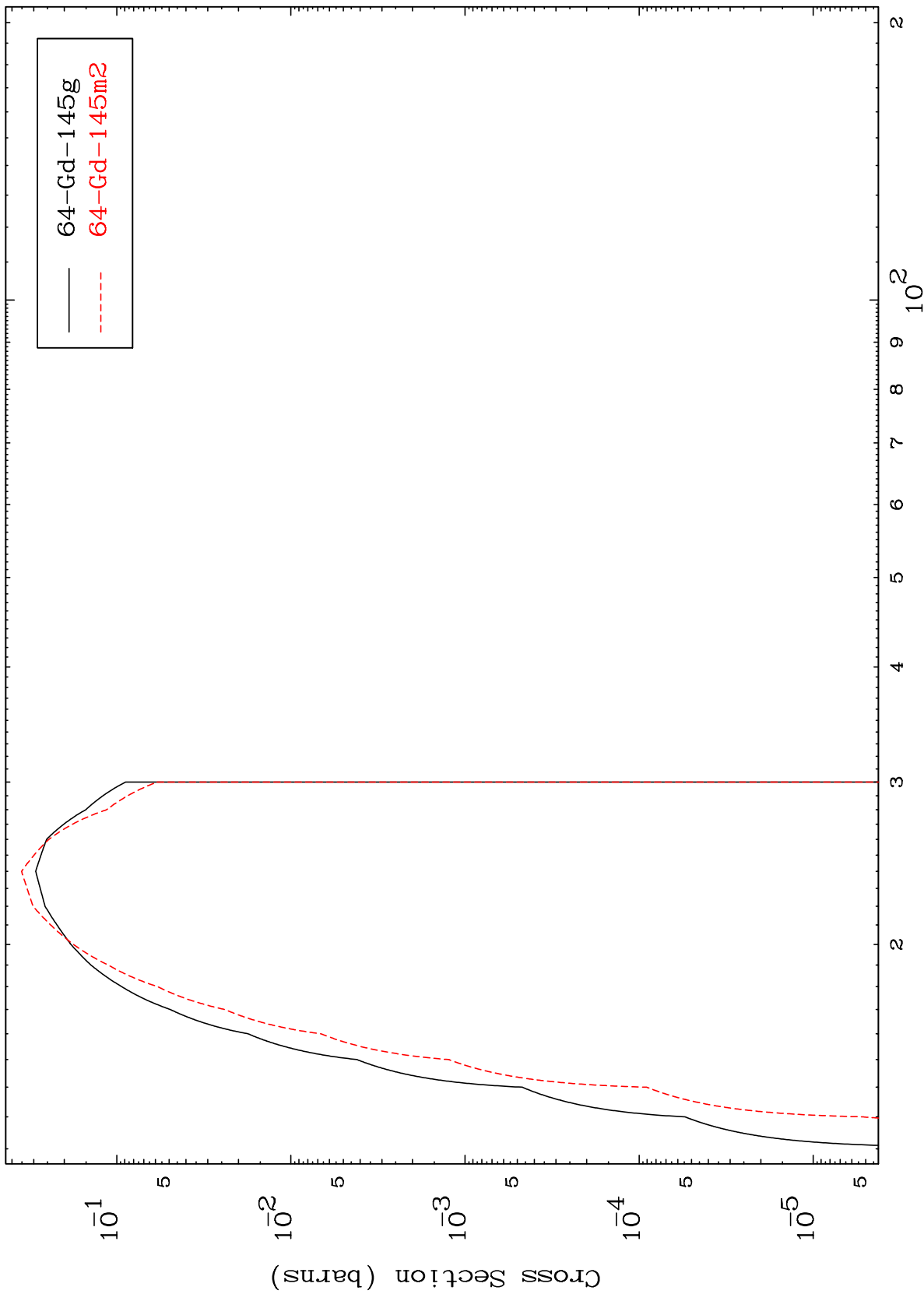


10

Incident Energy (MeV)

62-Sm-142

Inelastic
Radionuclide Production Cross Section

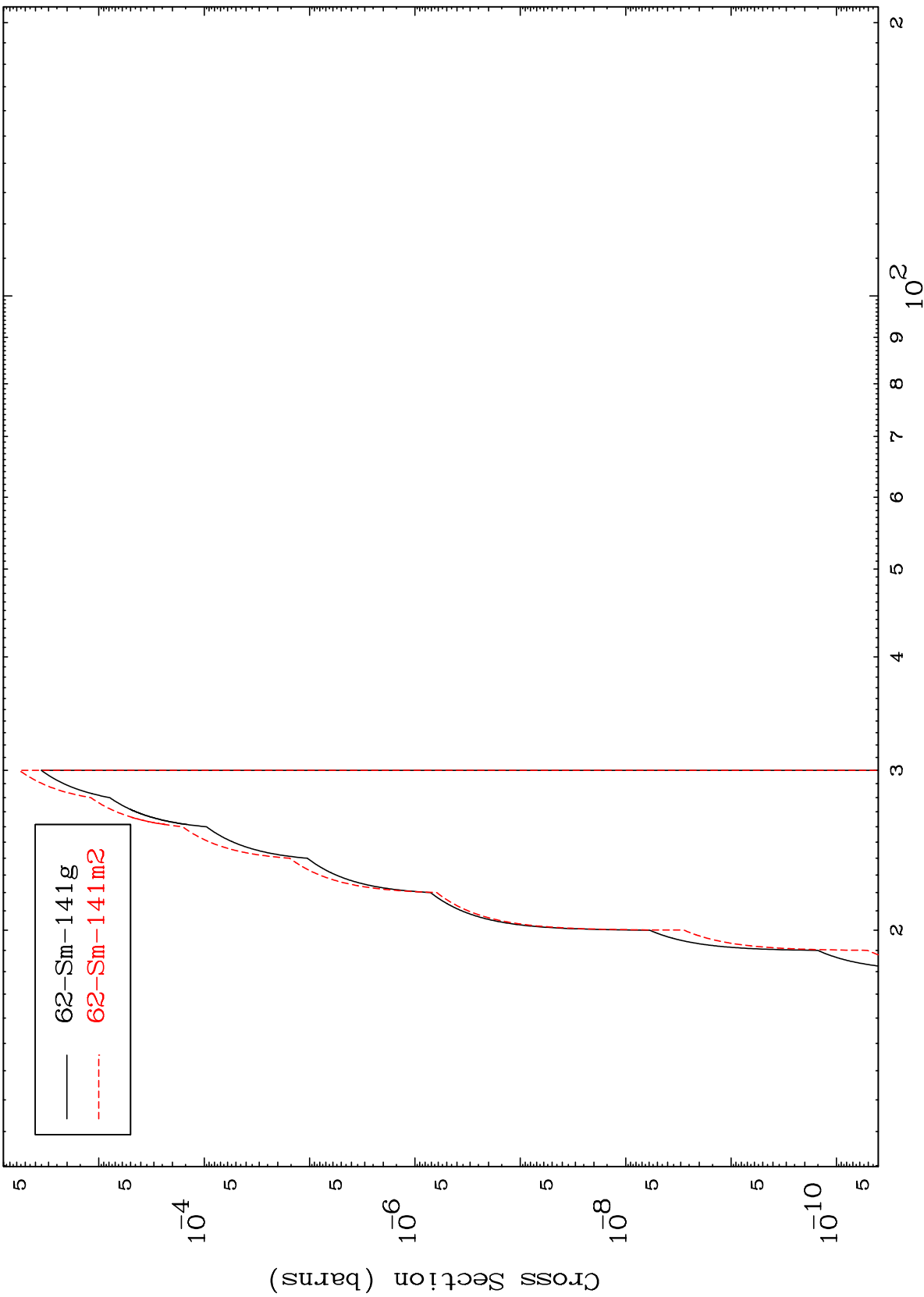


MAT 6219

$(n, n') \alpha$

62-Sm-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

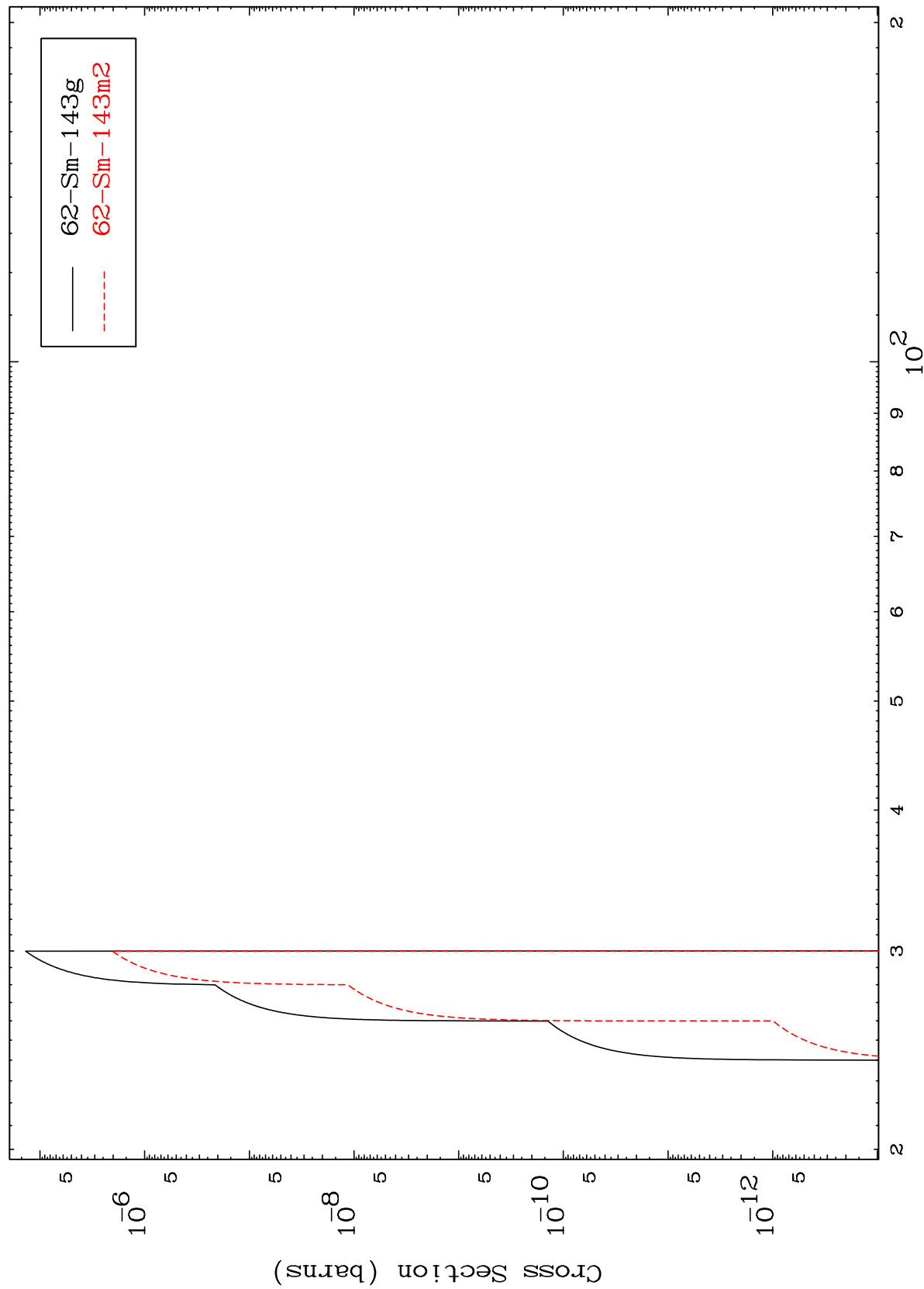
62-Sm-142

MAT 6219

(n,2n) p

62-Sm-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

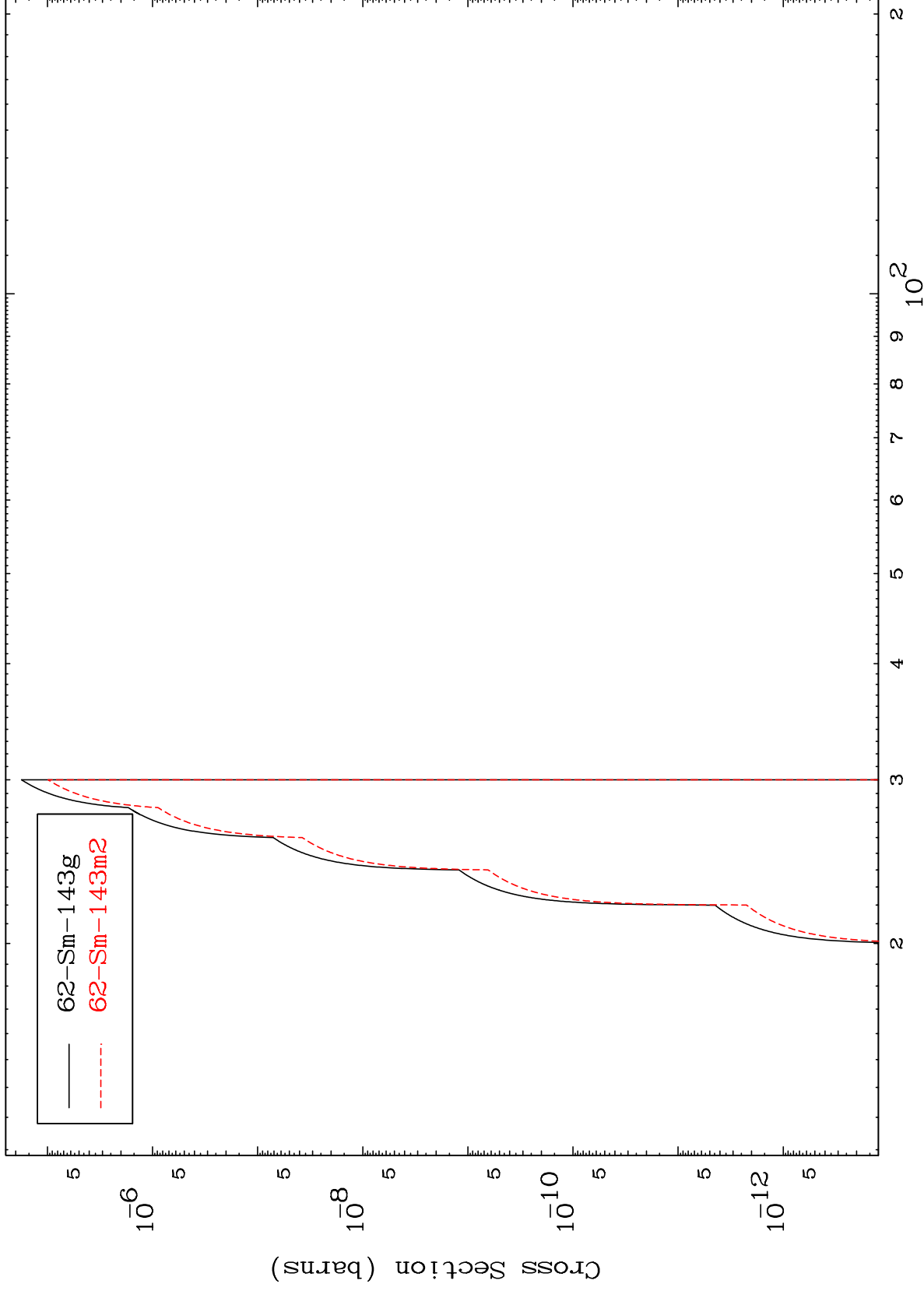
62-Sm-142

MAT 6219

(n,He-3)

62-Sm-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

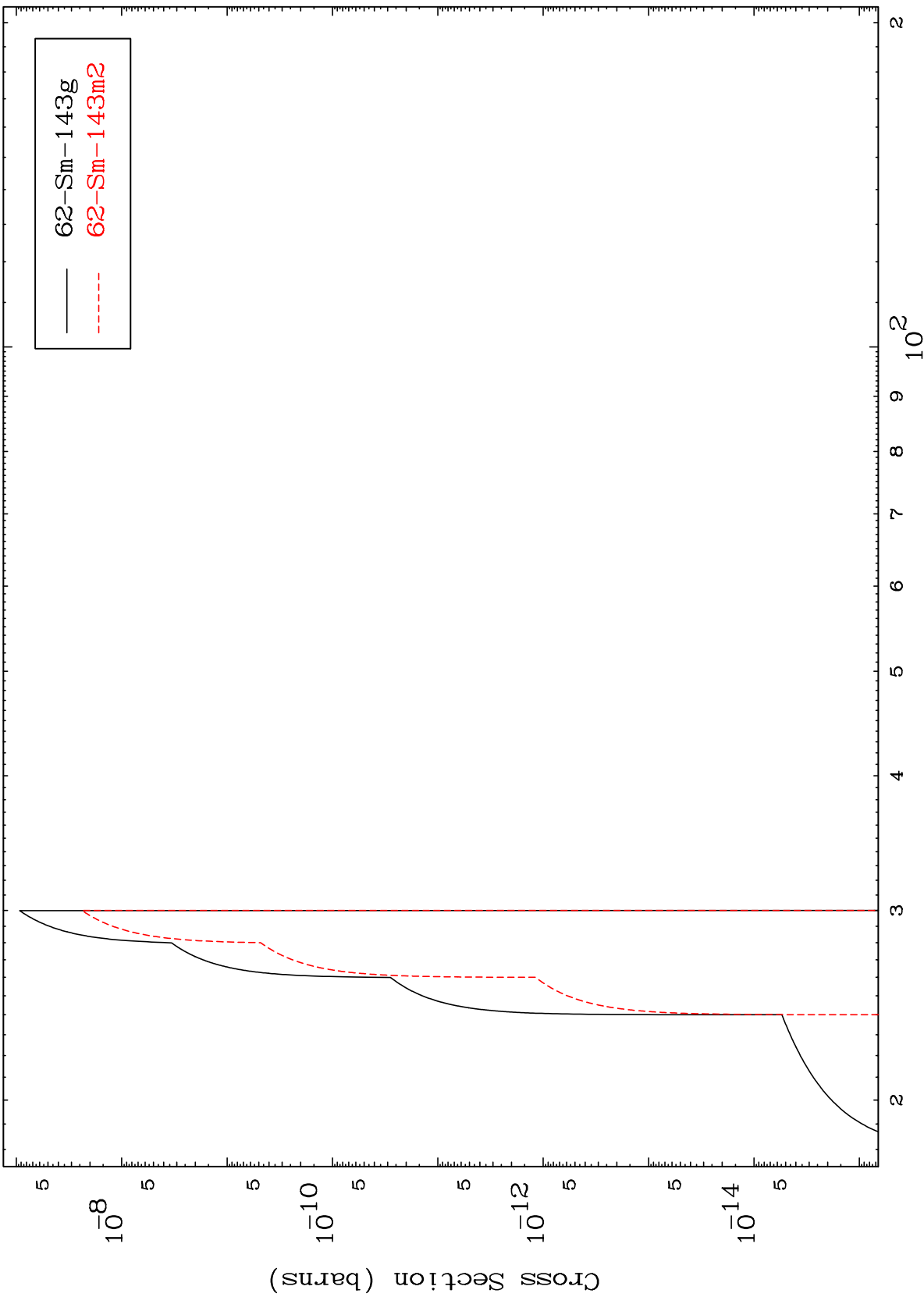
62-Sm-142

MAT 6219

(n,p) d

62-Sm-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-142