

Program EVALPLOT
(Version 2021-1)

by

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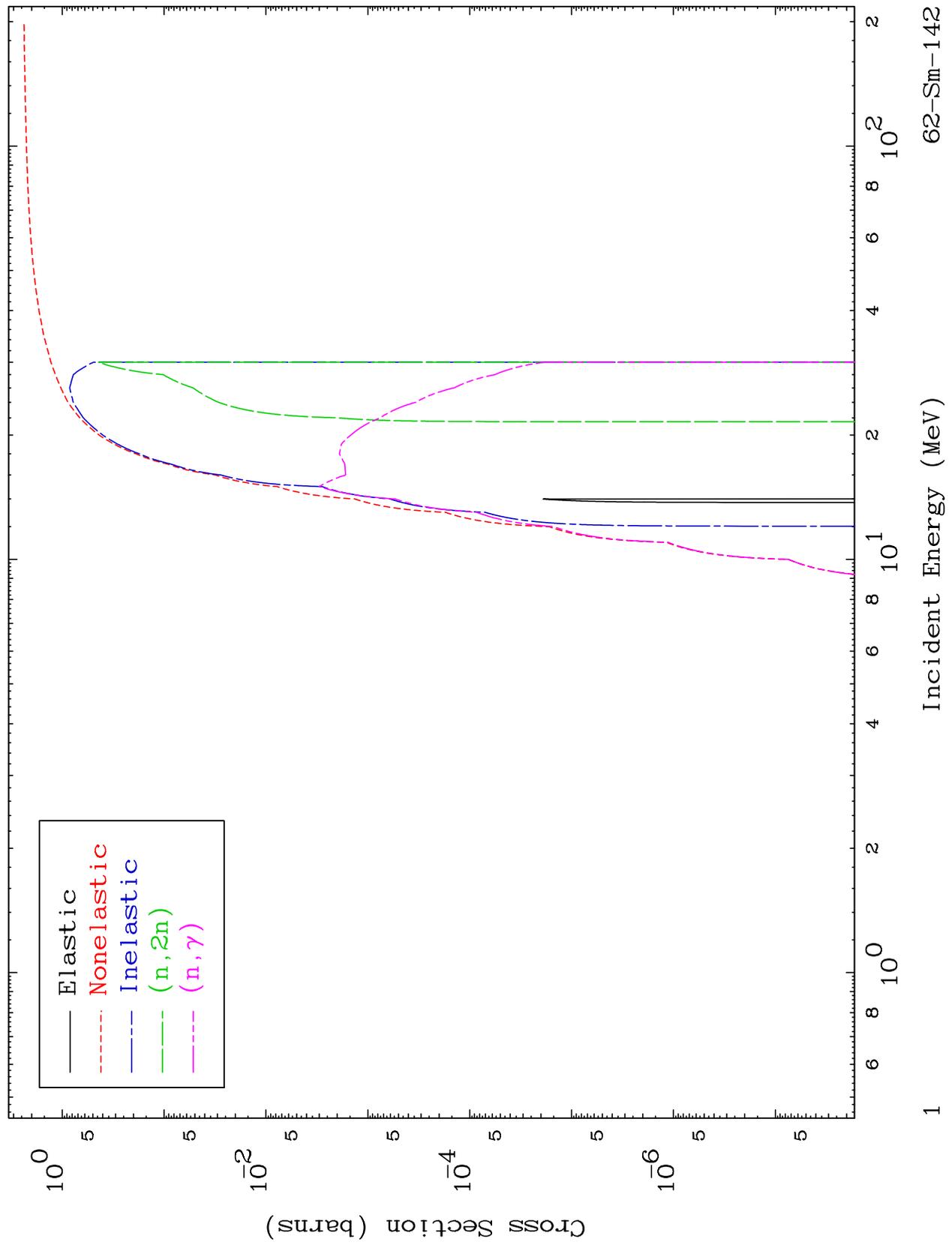
Press Mouse Button to Start

MAT 6219

0 Kelvin

α Major

62-Sm-142

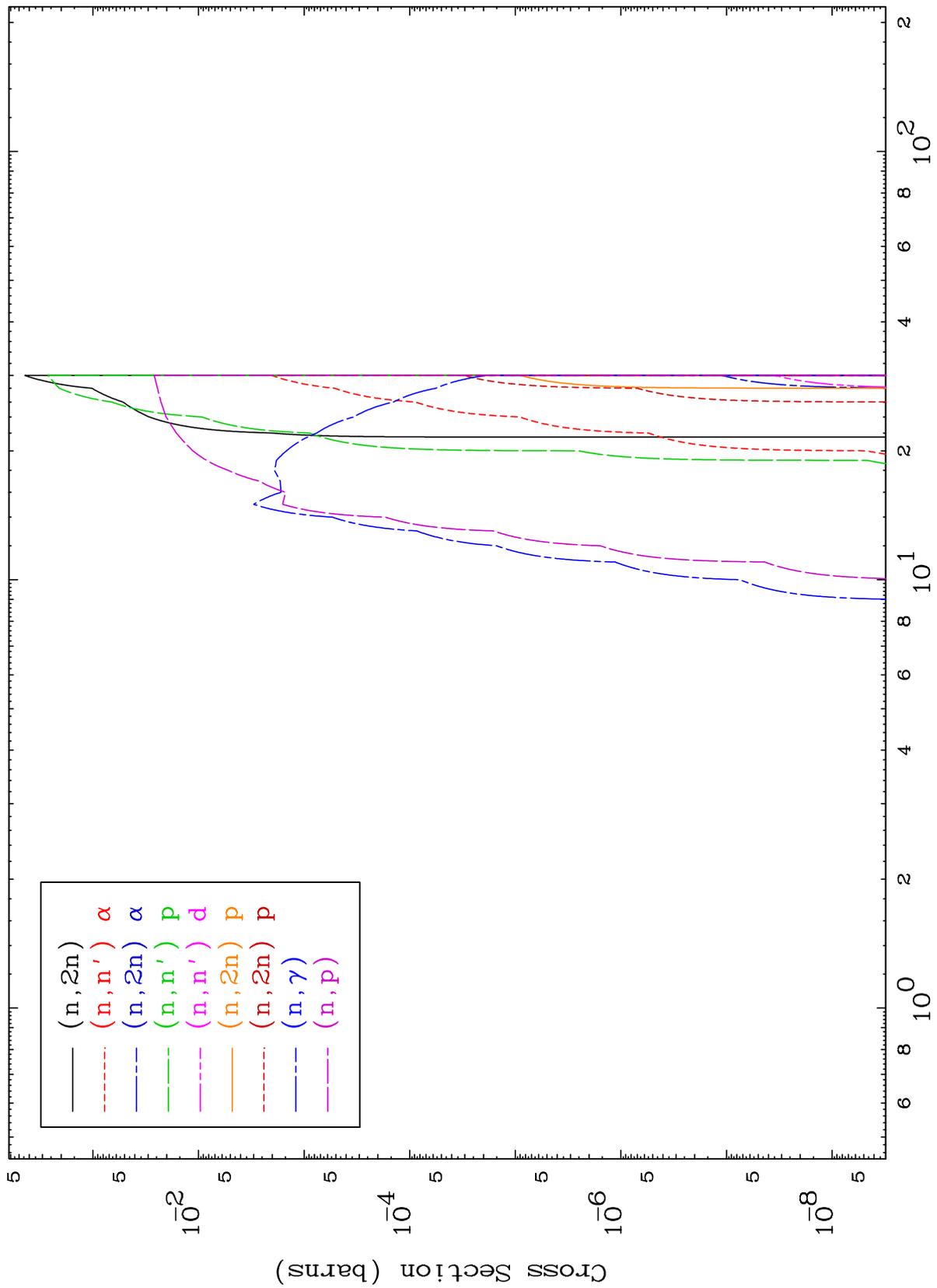


MAT 6219

α Neutron Absorption

62-Sm-142

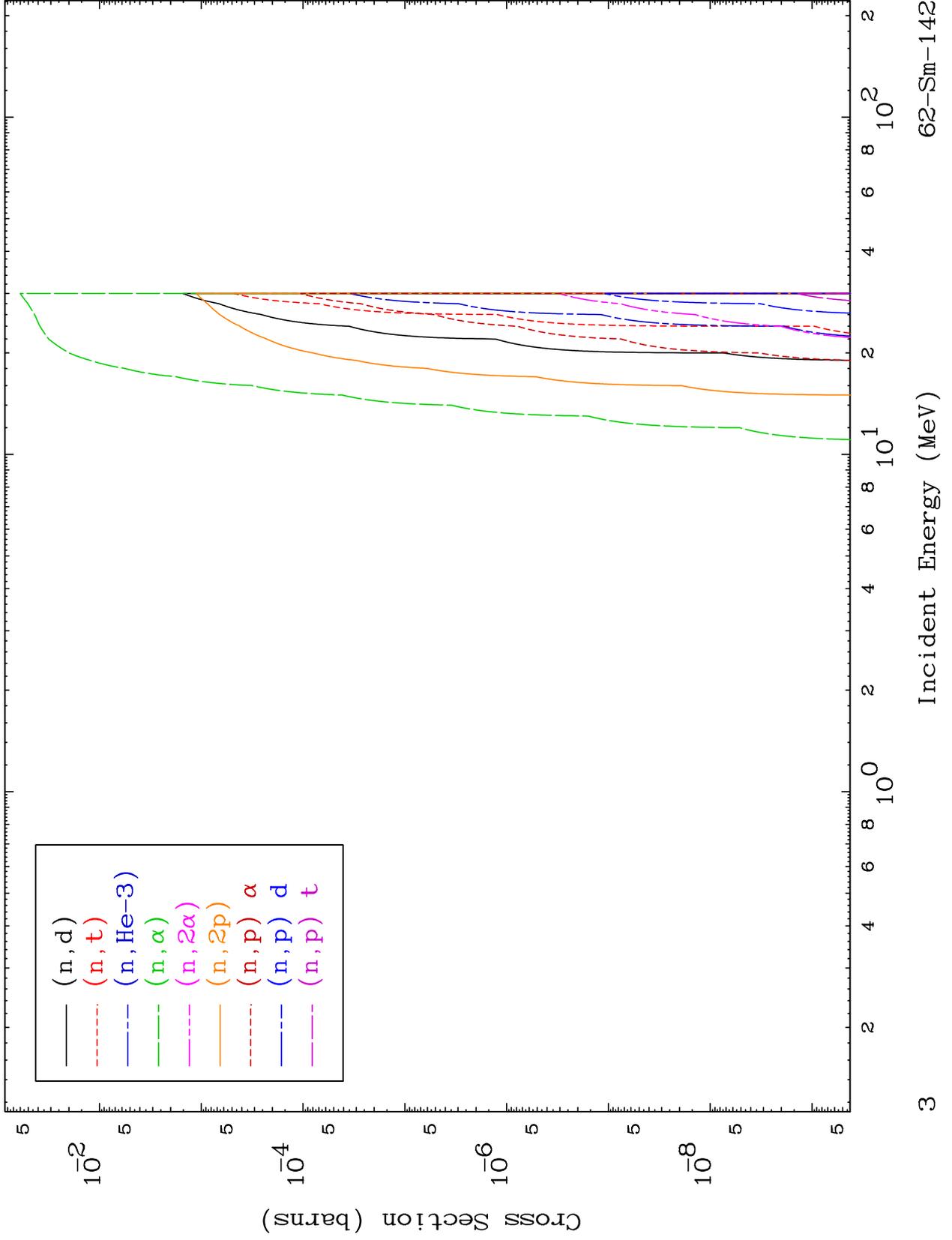
0 Kelvin Cross Sections

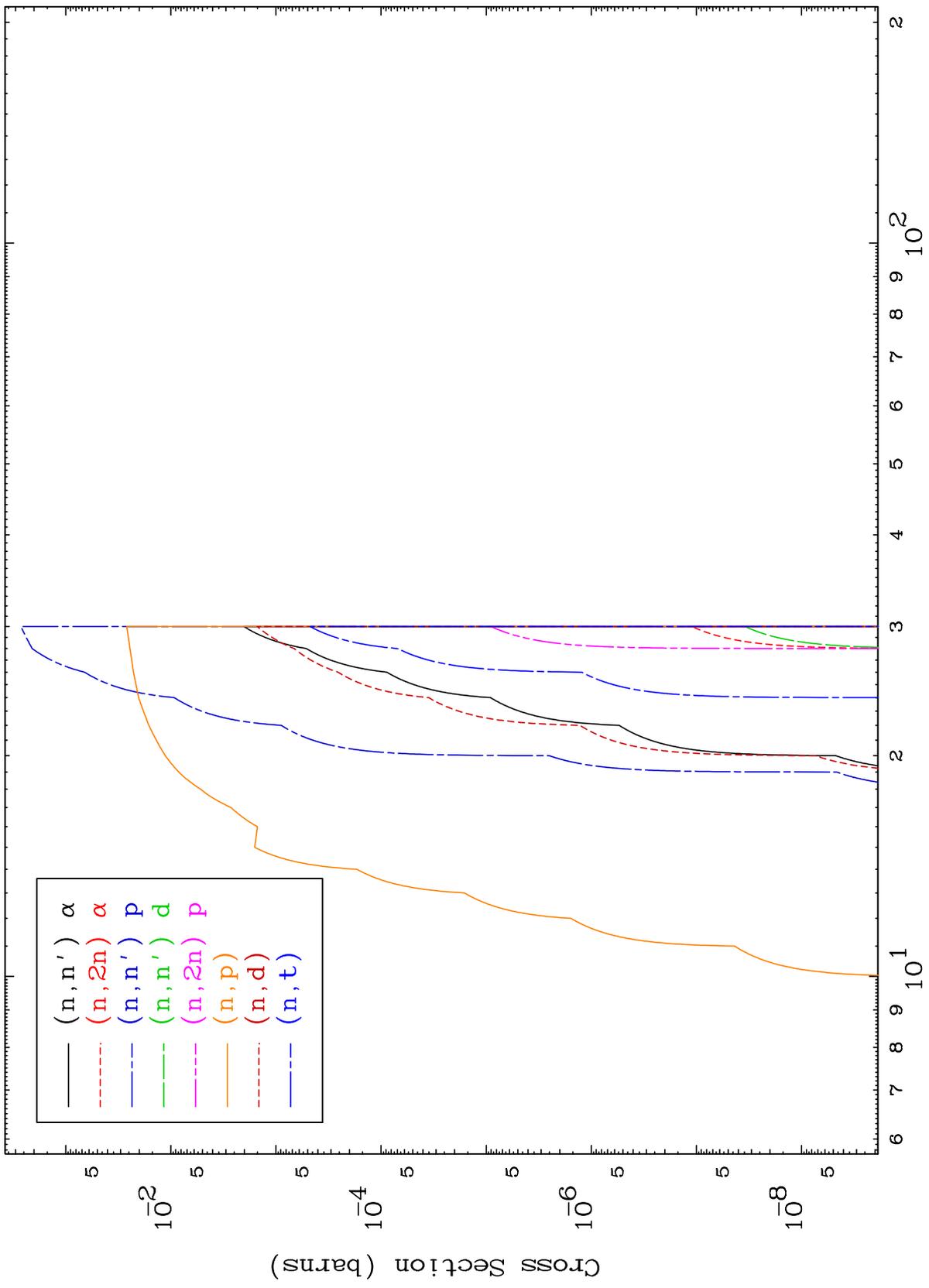


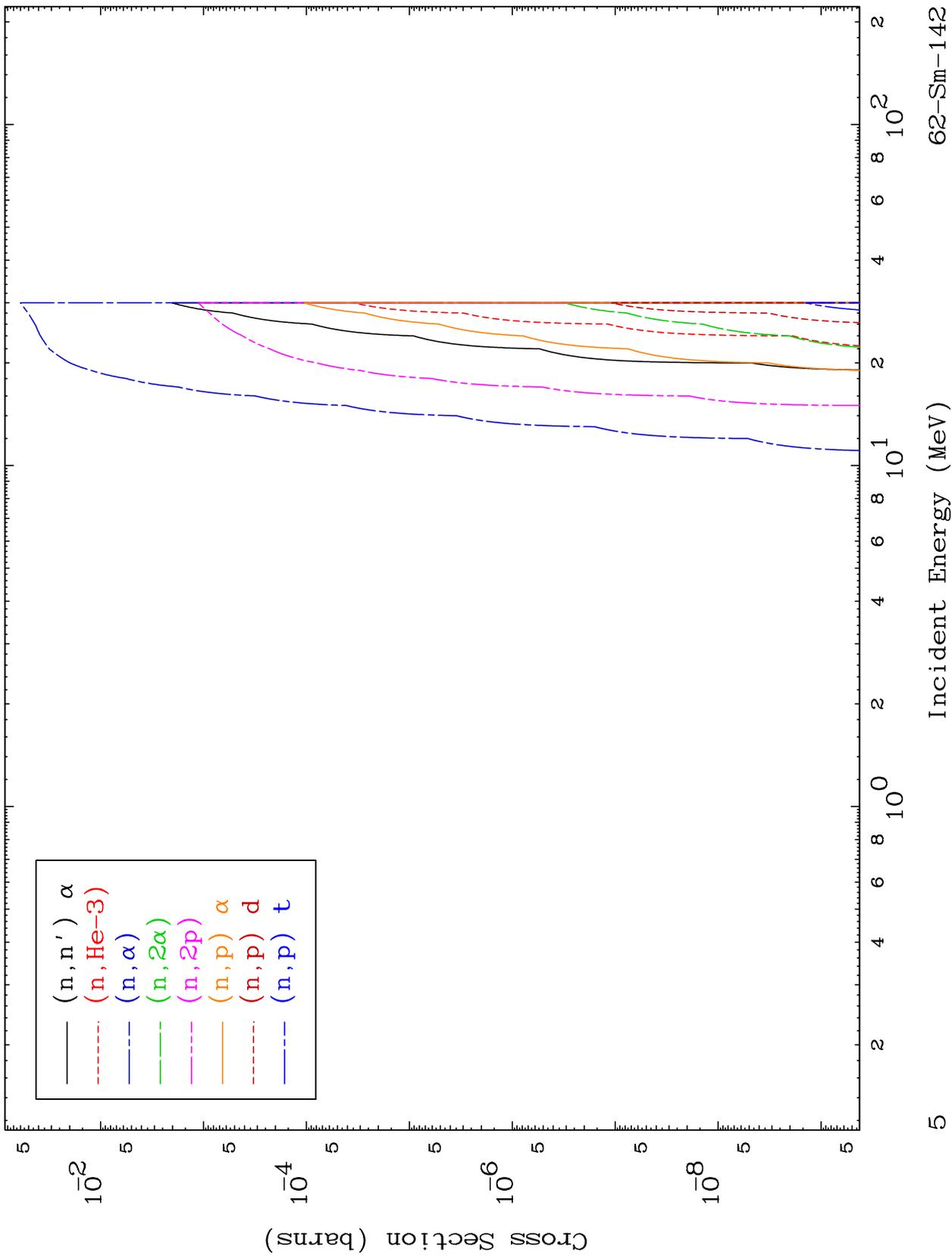
MAT 6219

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-142



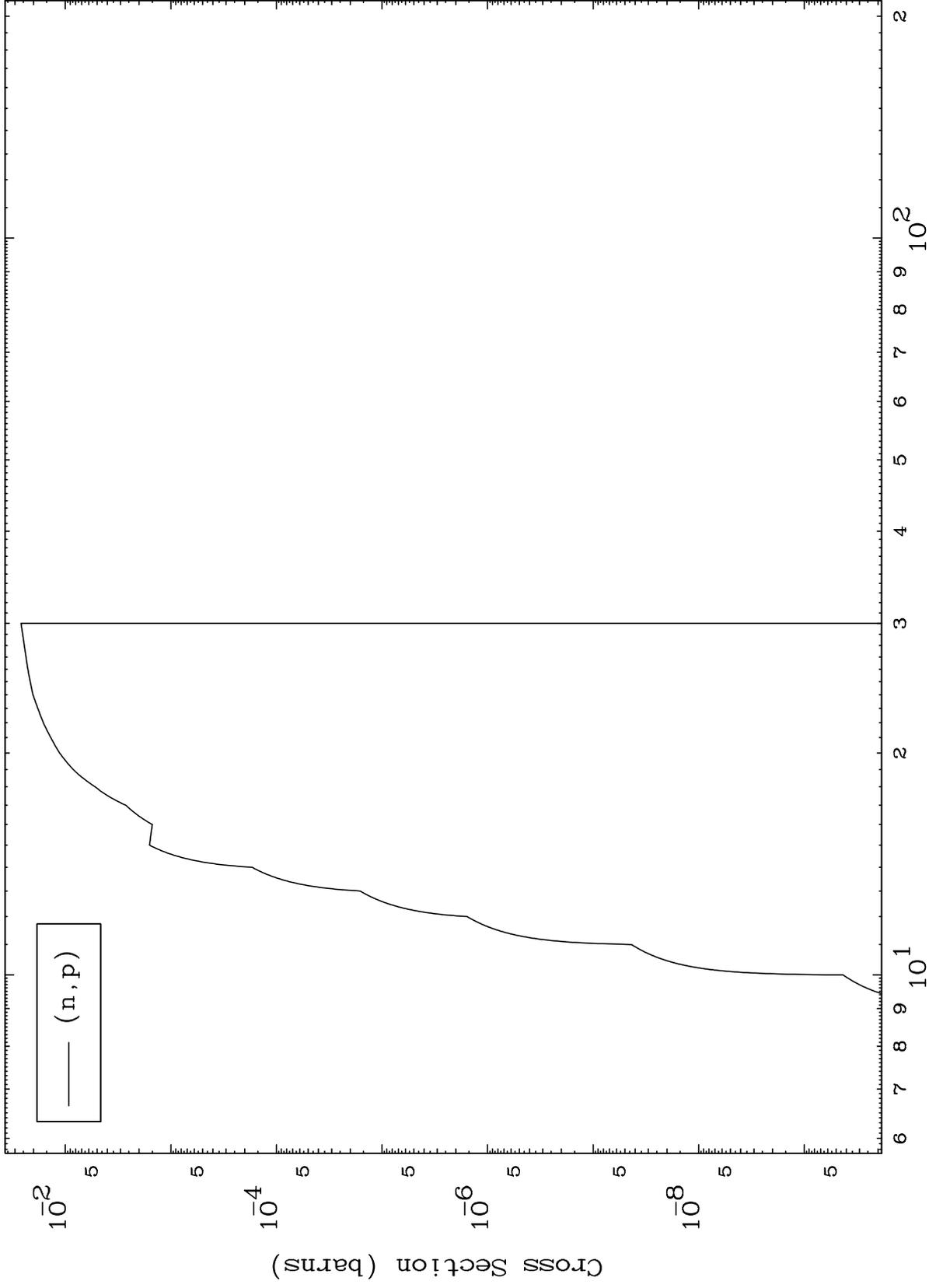




MAT 6219

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-142



6

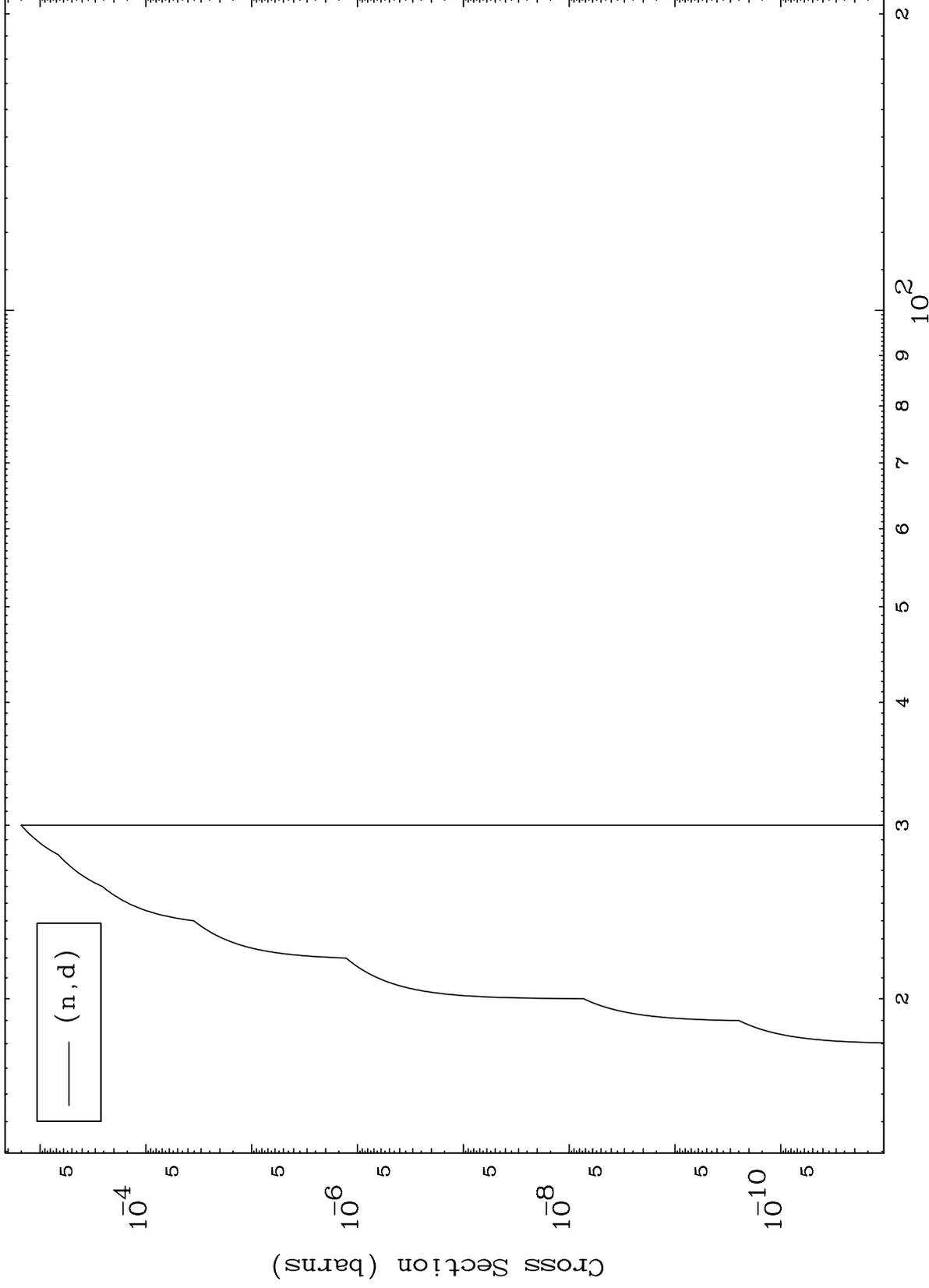
Incident Energy (MeV)

62-Sm-142

MAT 6219

(α, d) Levels
0 Kelvin Cross Sections

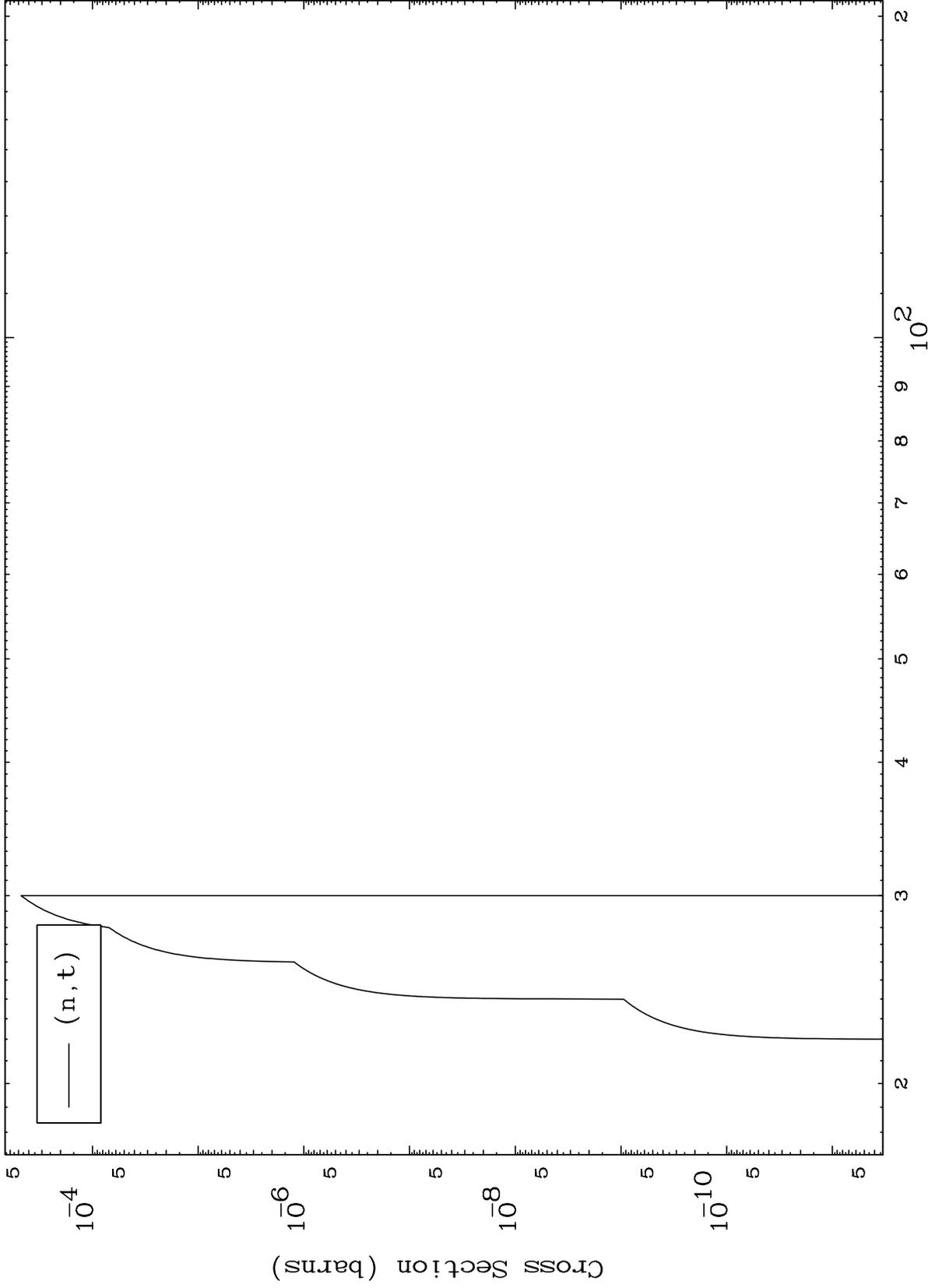
62-Sm-142



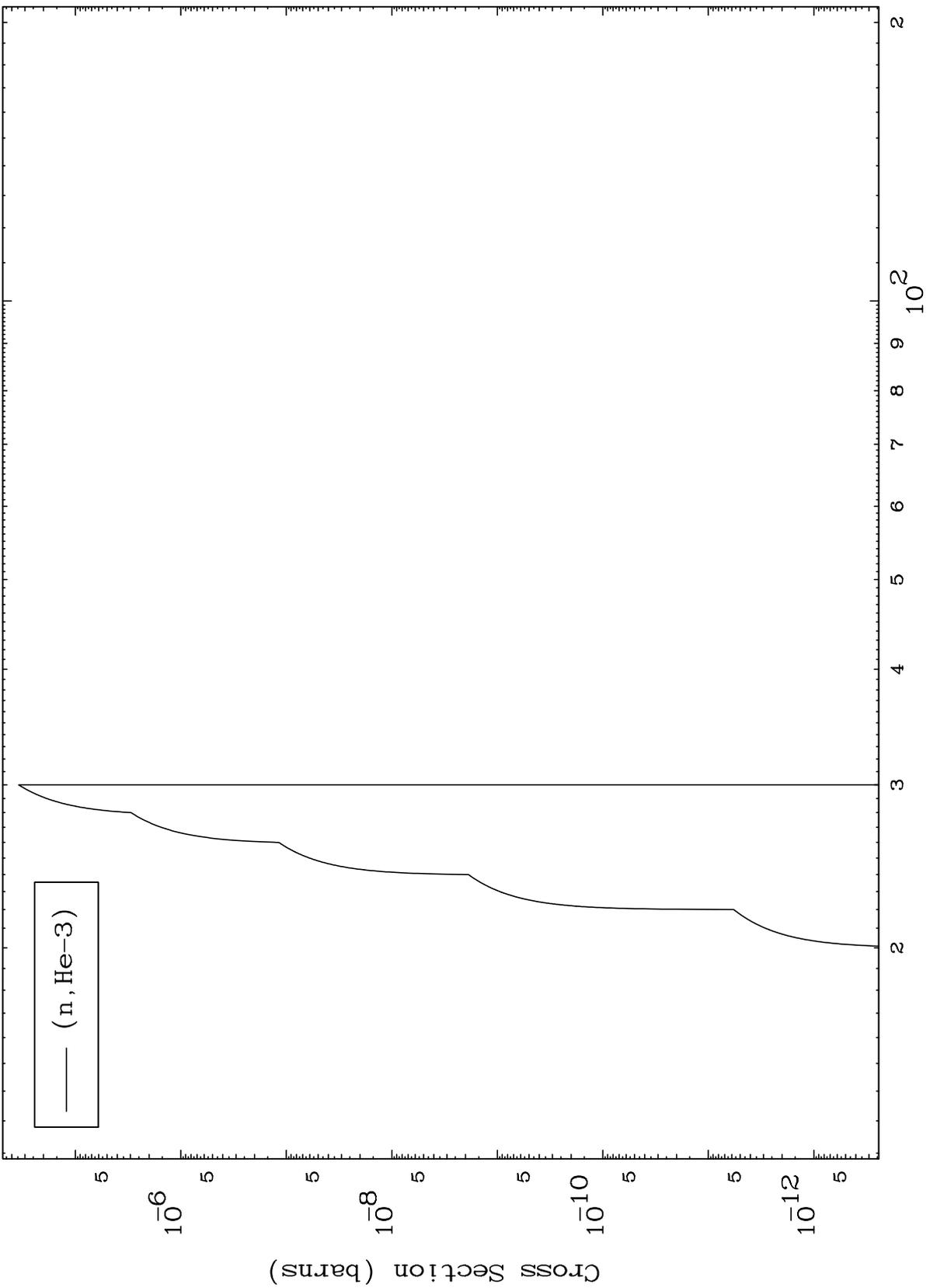
7

Incident Energy (MeV)

62-Sm-142



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

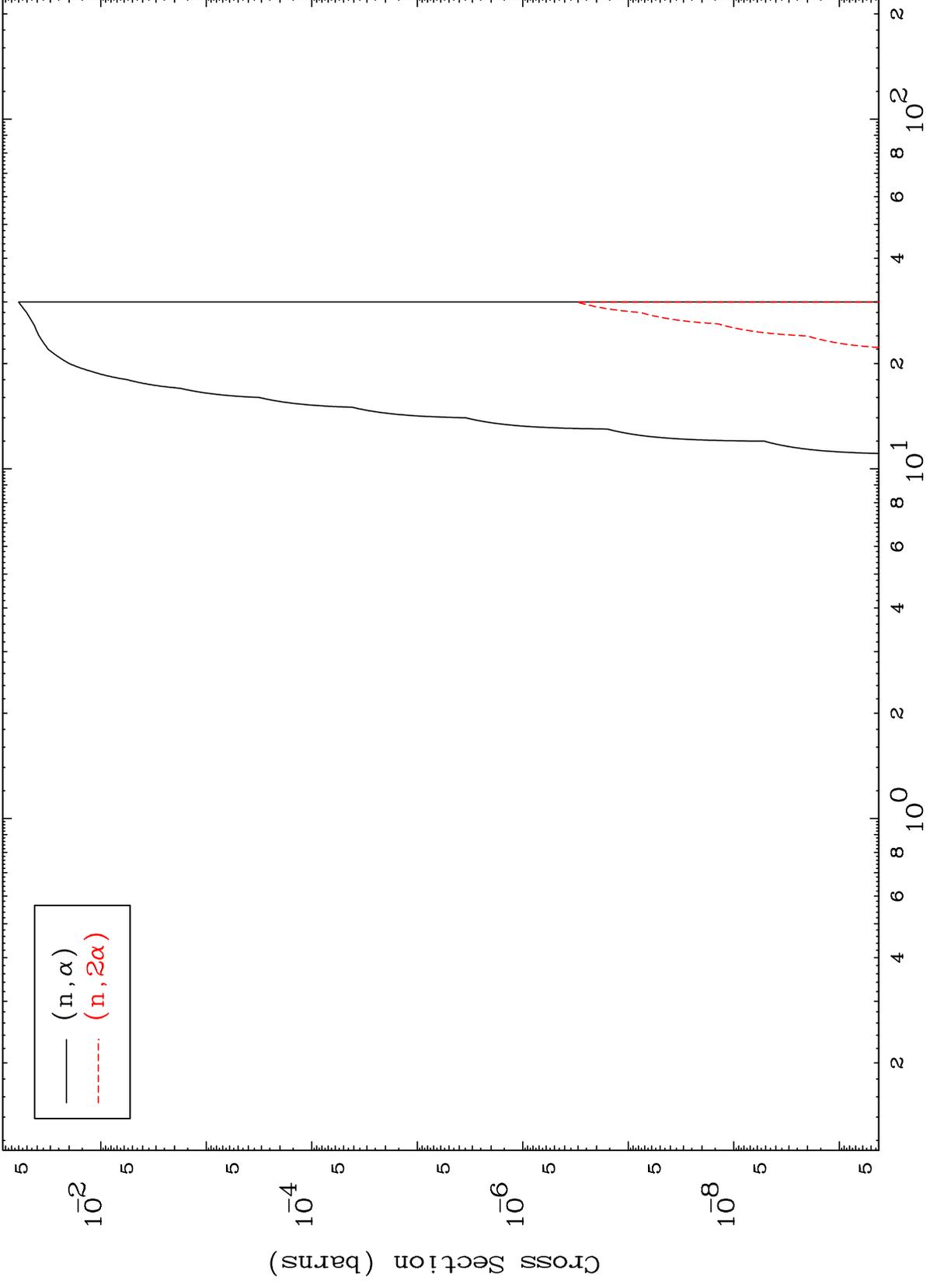


MAT 6219

(α, α) Levels

62-Sm-142

0 Kelvin Cross Sections



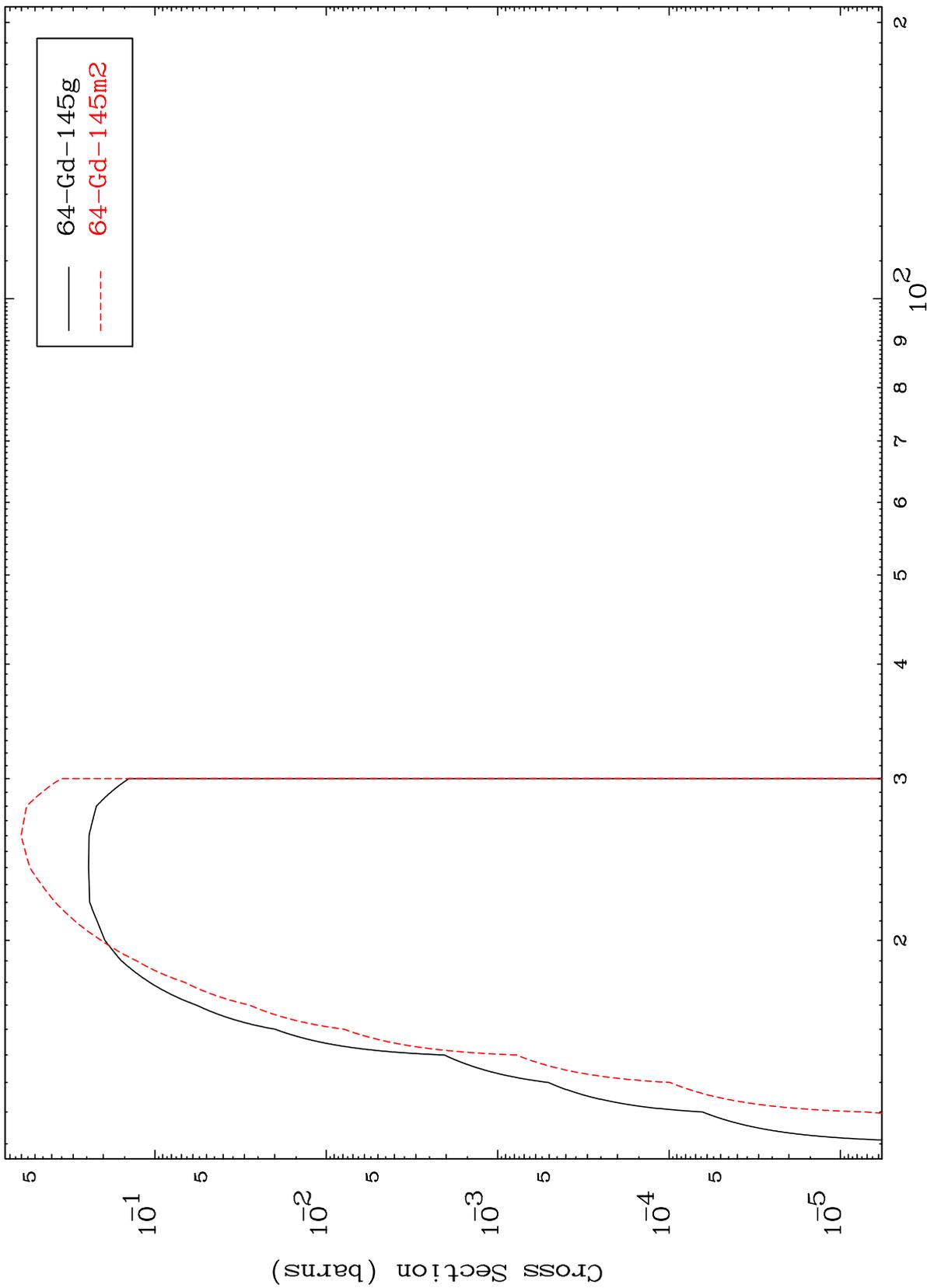
— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

62-Sm-142

Inelastic
Radionuclide Production Cross Section

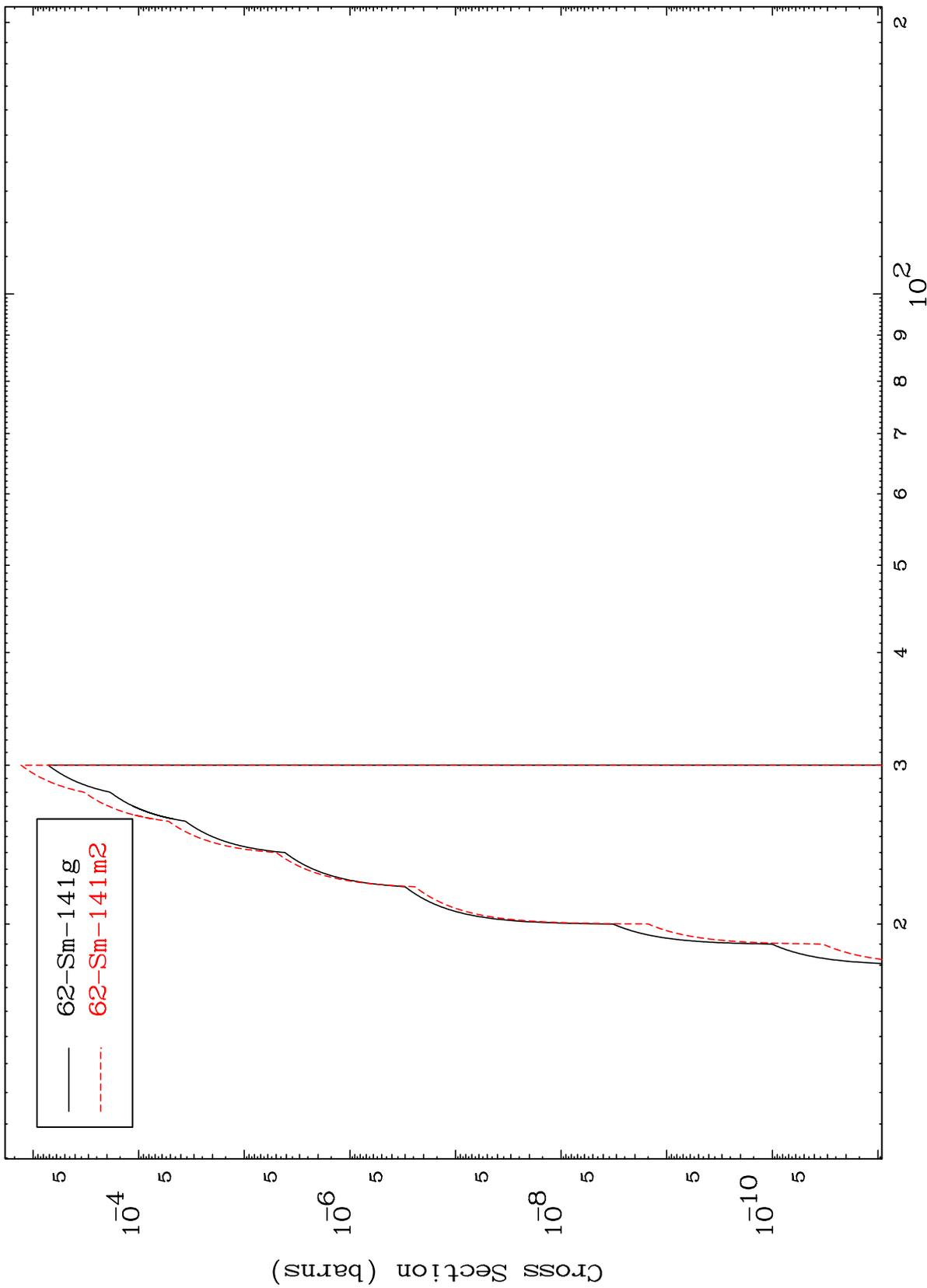


MAT 6219

62-Sm-142

(n,n') α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

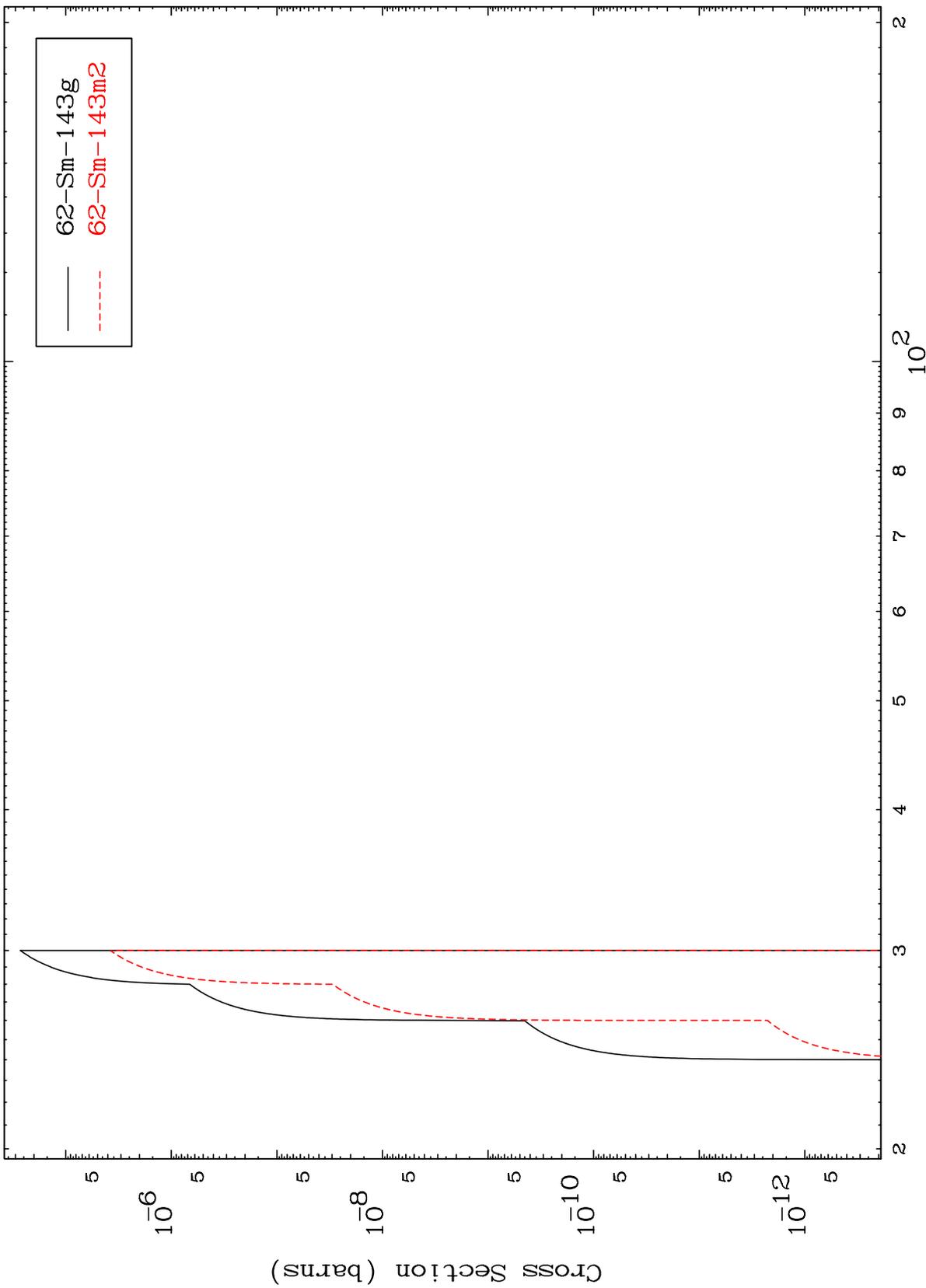
62-Sm-142

MAT 6219

(n,2n) p

62-Sm-142

Radionuclide Production Cross Section



13

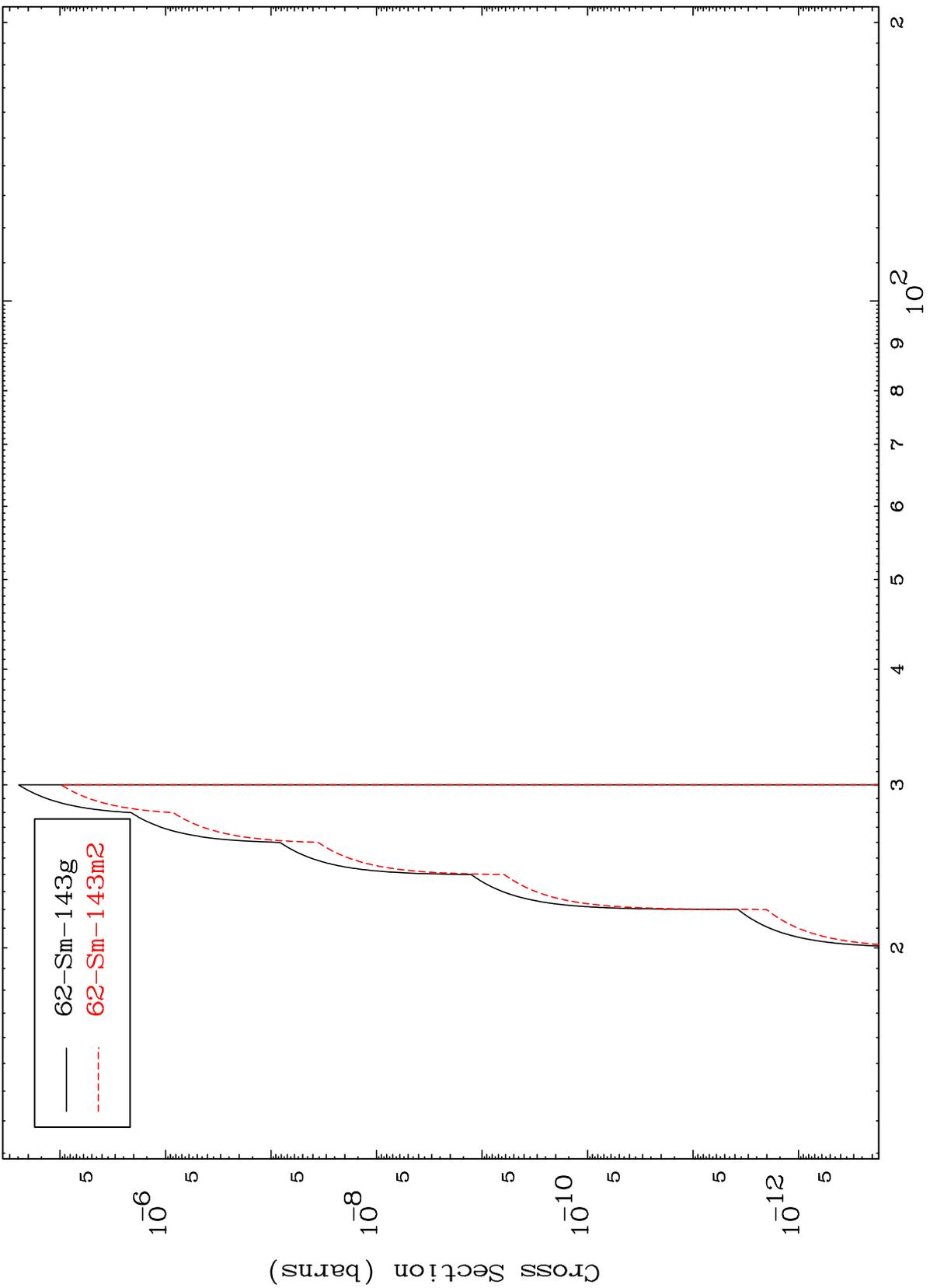
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(n,He-3)
Radionuclide Production Cross Section



14

62-Sm-142

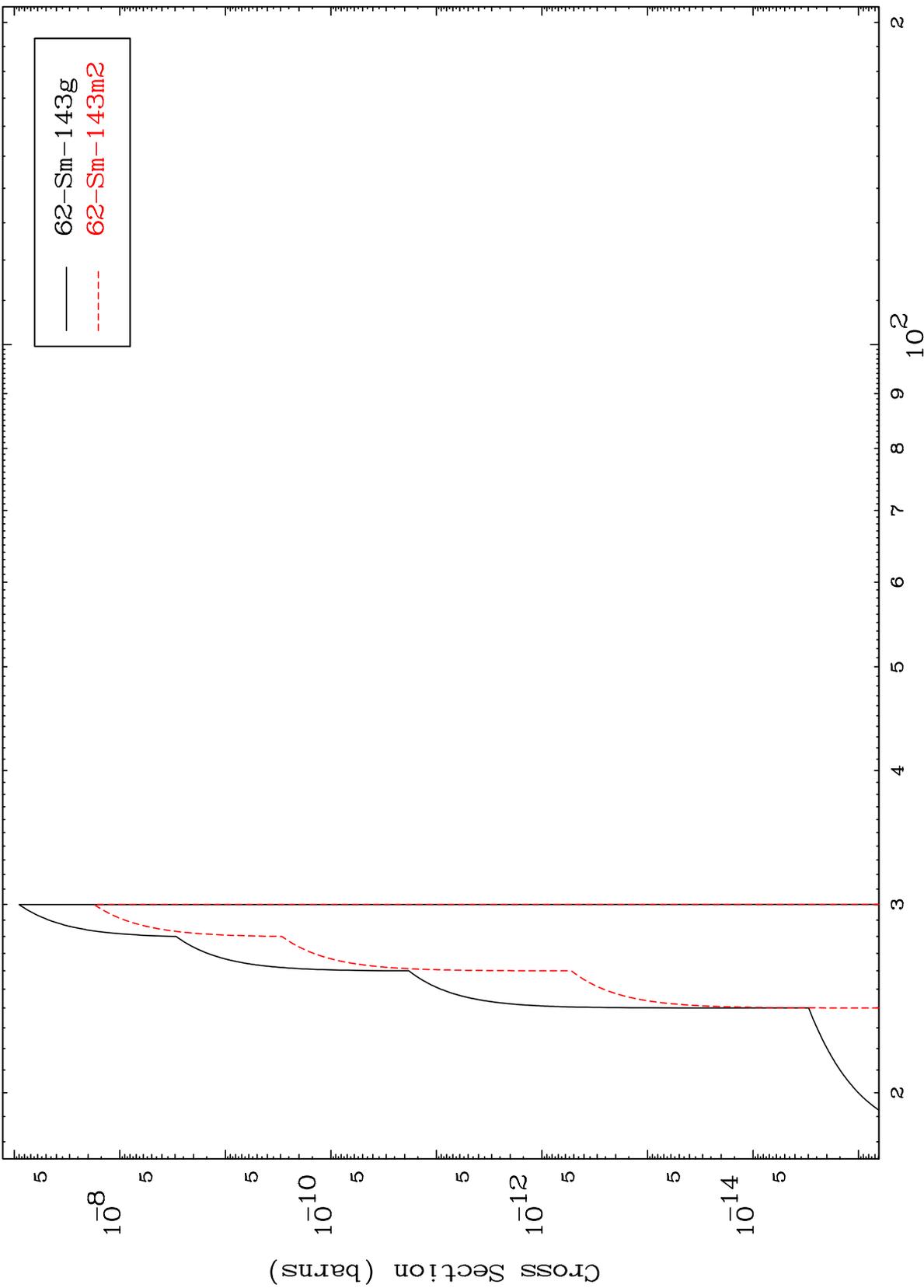
Incident Energy (MeV)

MAT 6219

(n,p) d

62-Sm-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-142