

Program EVALPLOT
(Version 2021-1)

by

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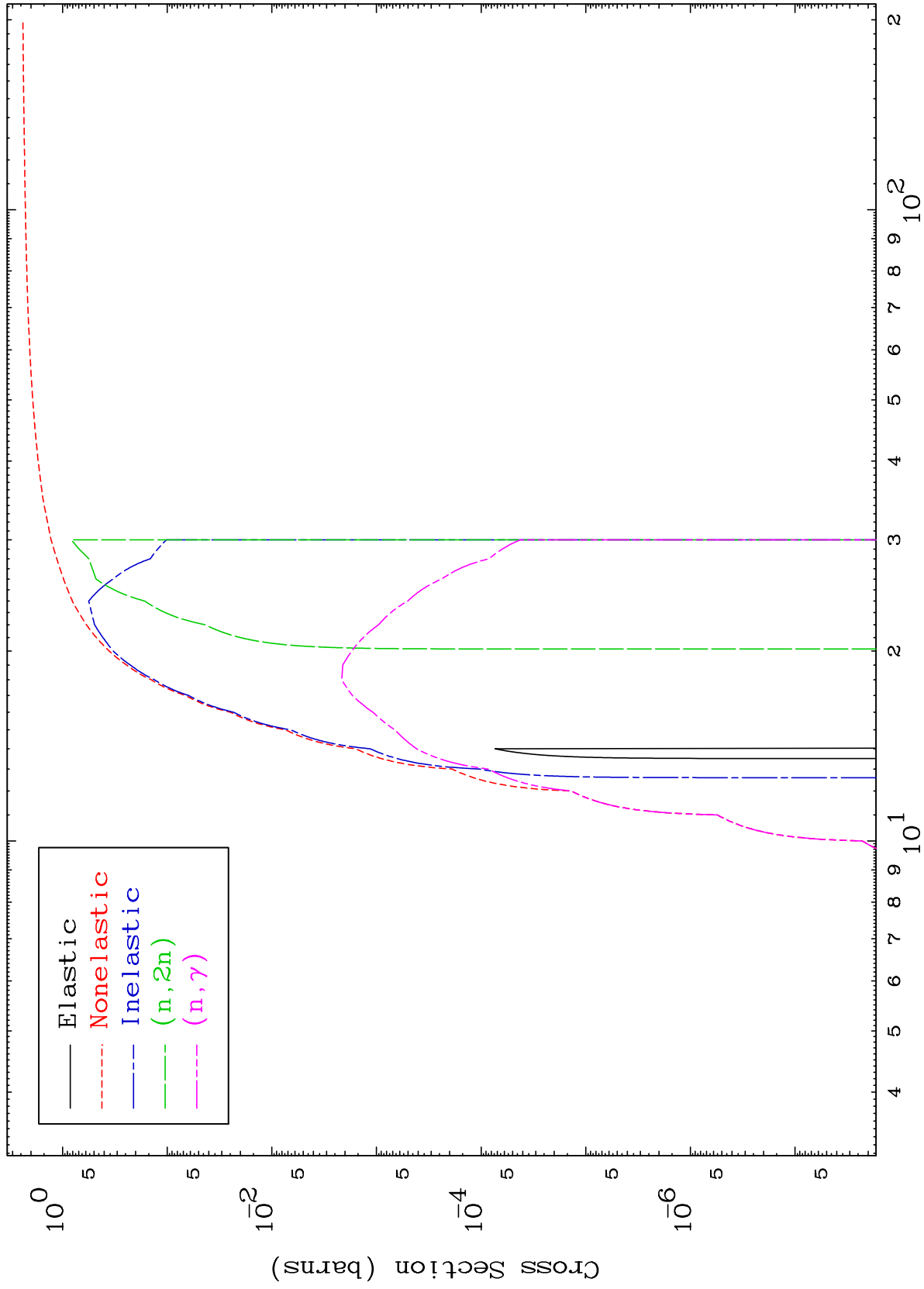
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6225

0 Kelvin α Major

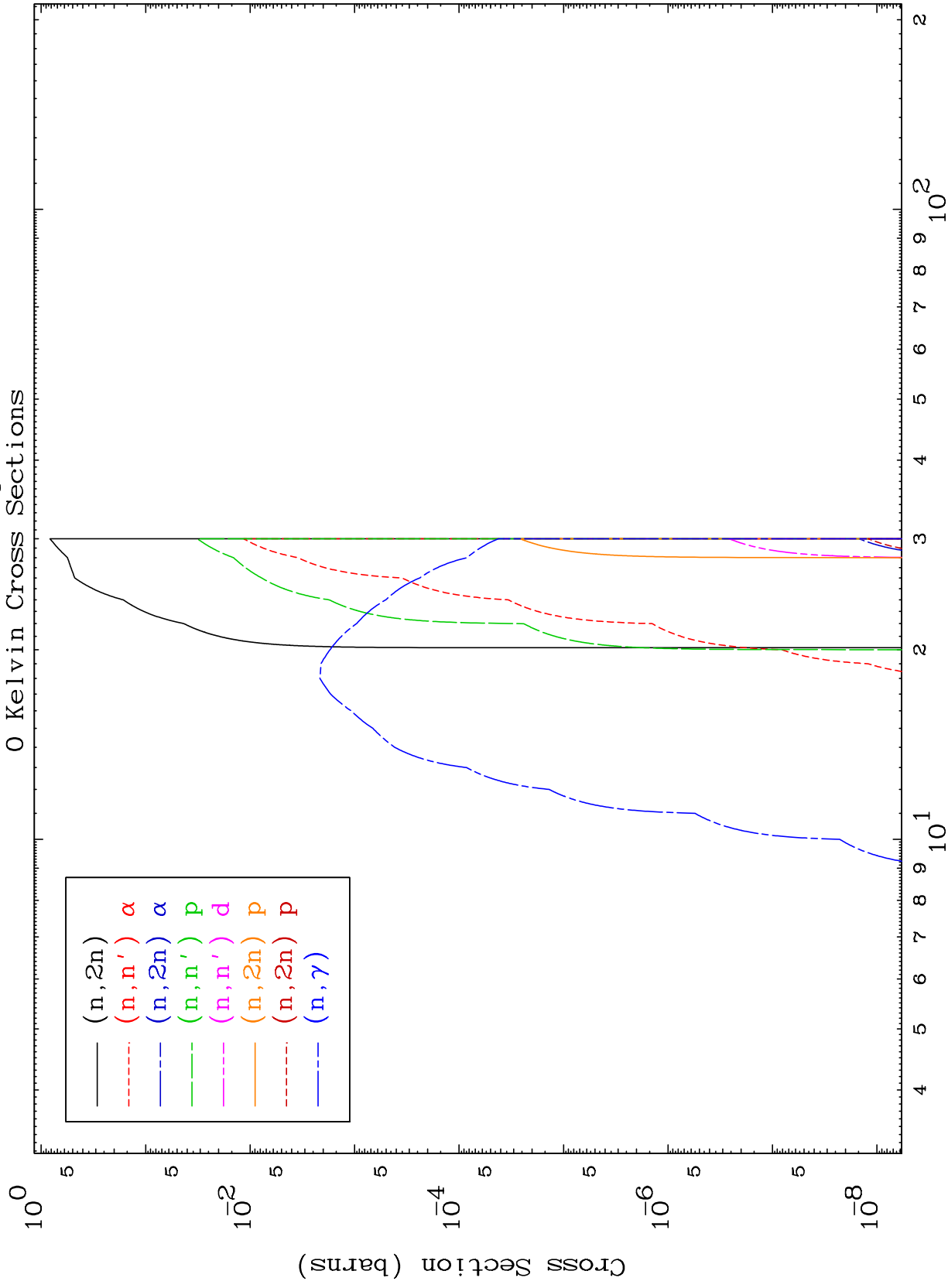
62-Sm-144



MAT 6225

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-144



2

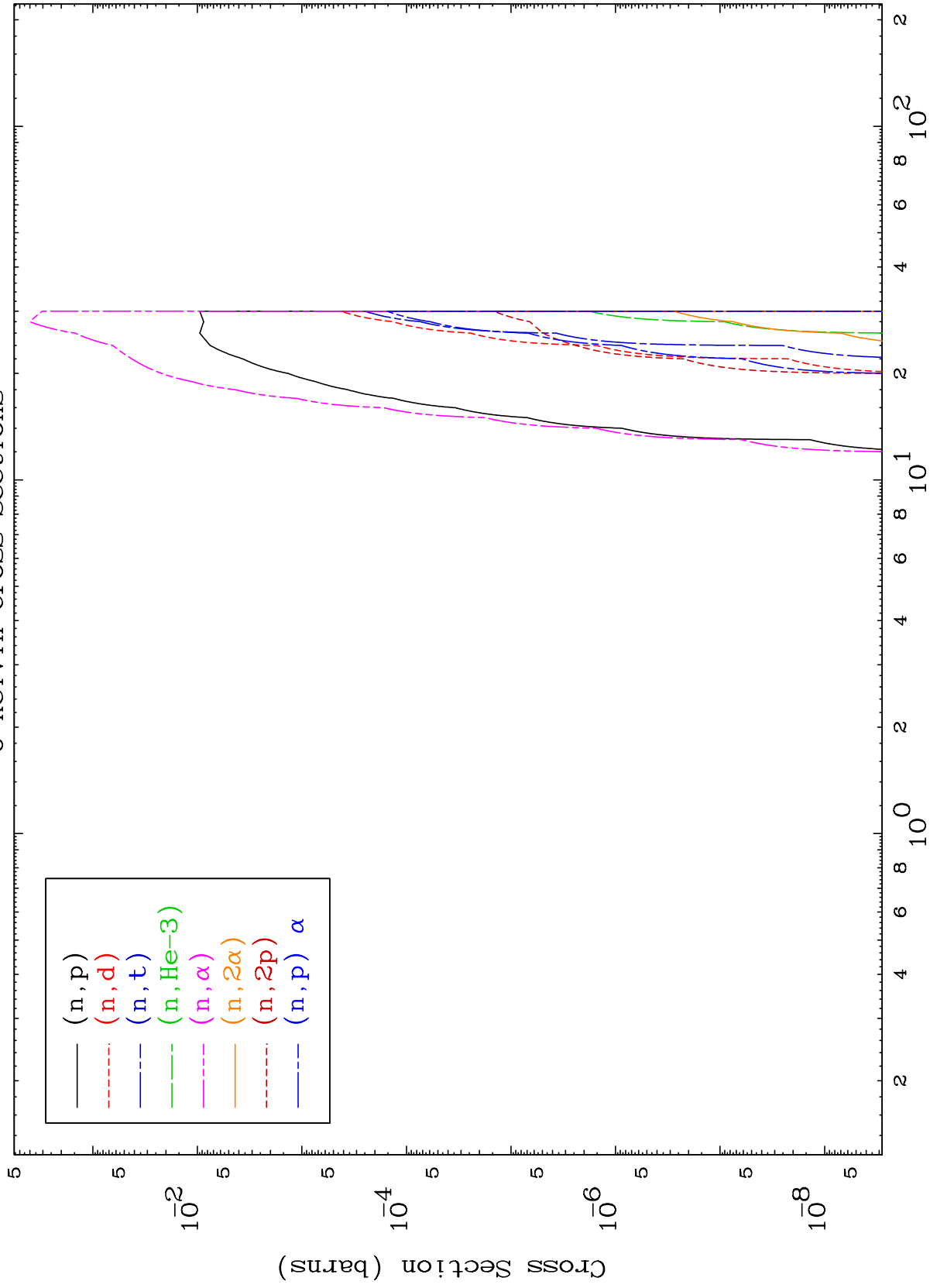
Incident Energy (MeV)

62-Sm-144

MAT 6225

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-144



3

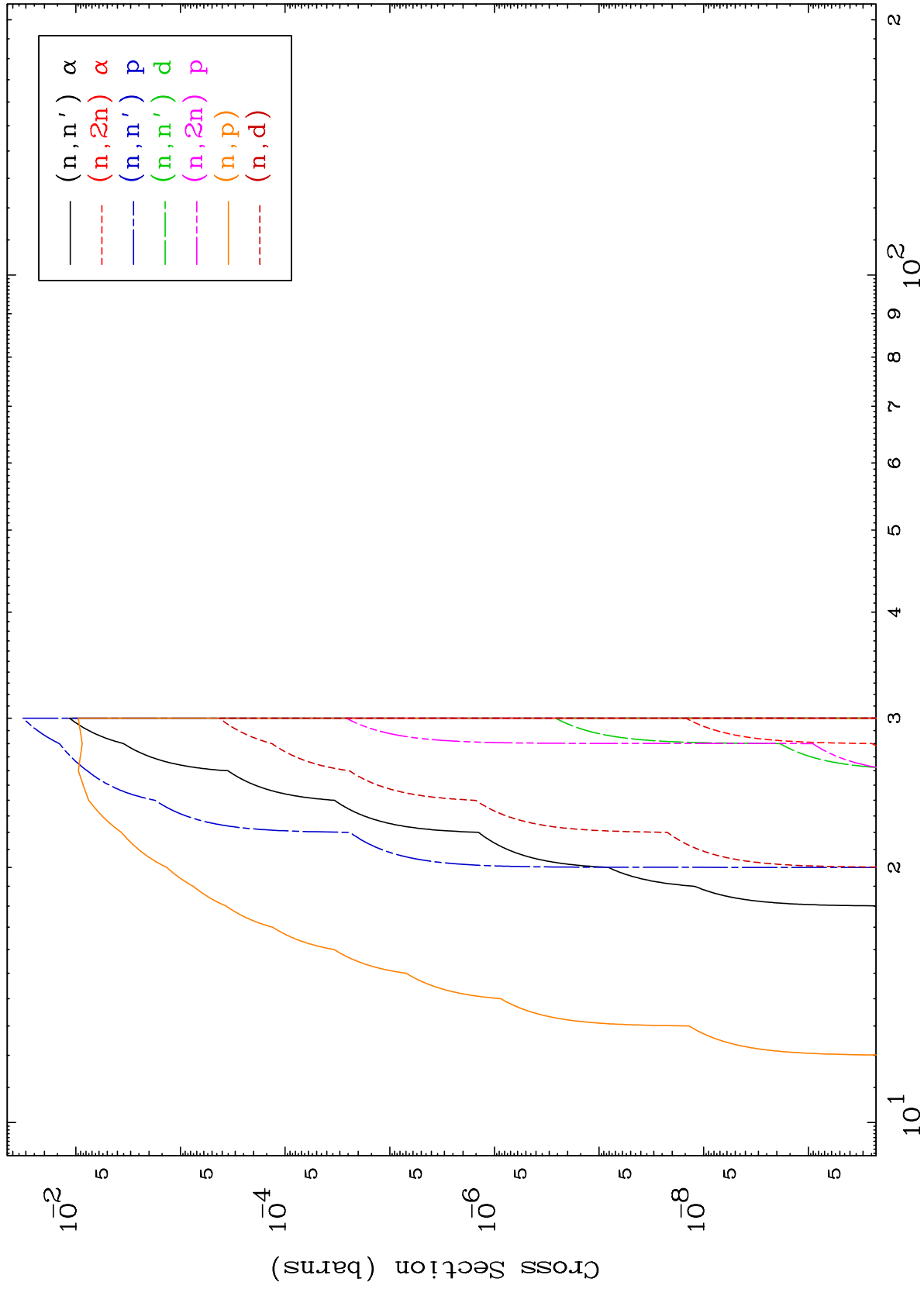
Incident Energy (MeV)

62-Sm-144

MAT 6225

α Charged Particle
0 Kelvin Cross Sections

62-Sm-144



62-Sm-144

Incident Energy (MeV)

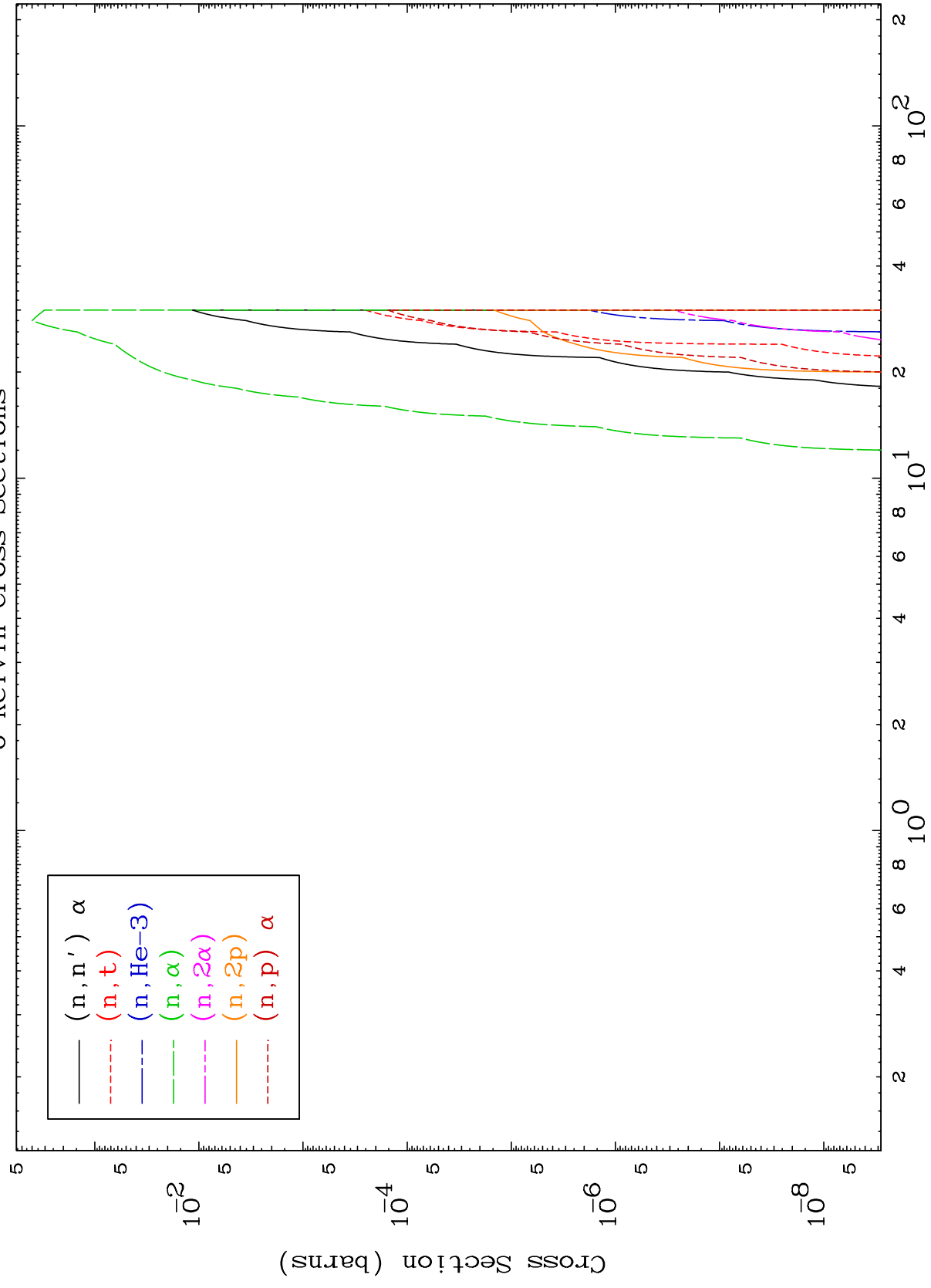
10^1

10^2

MAT 6225

α Charged Particle
0 Kelvin Cross Sections

62-Sm-144



5

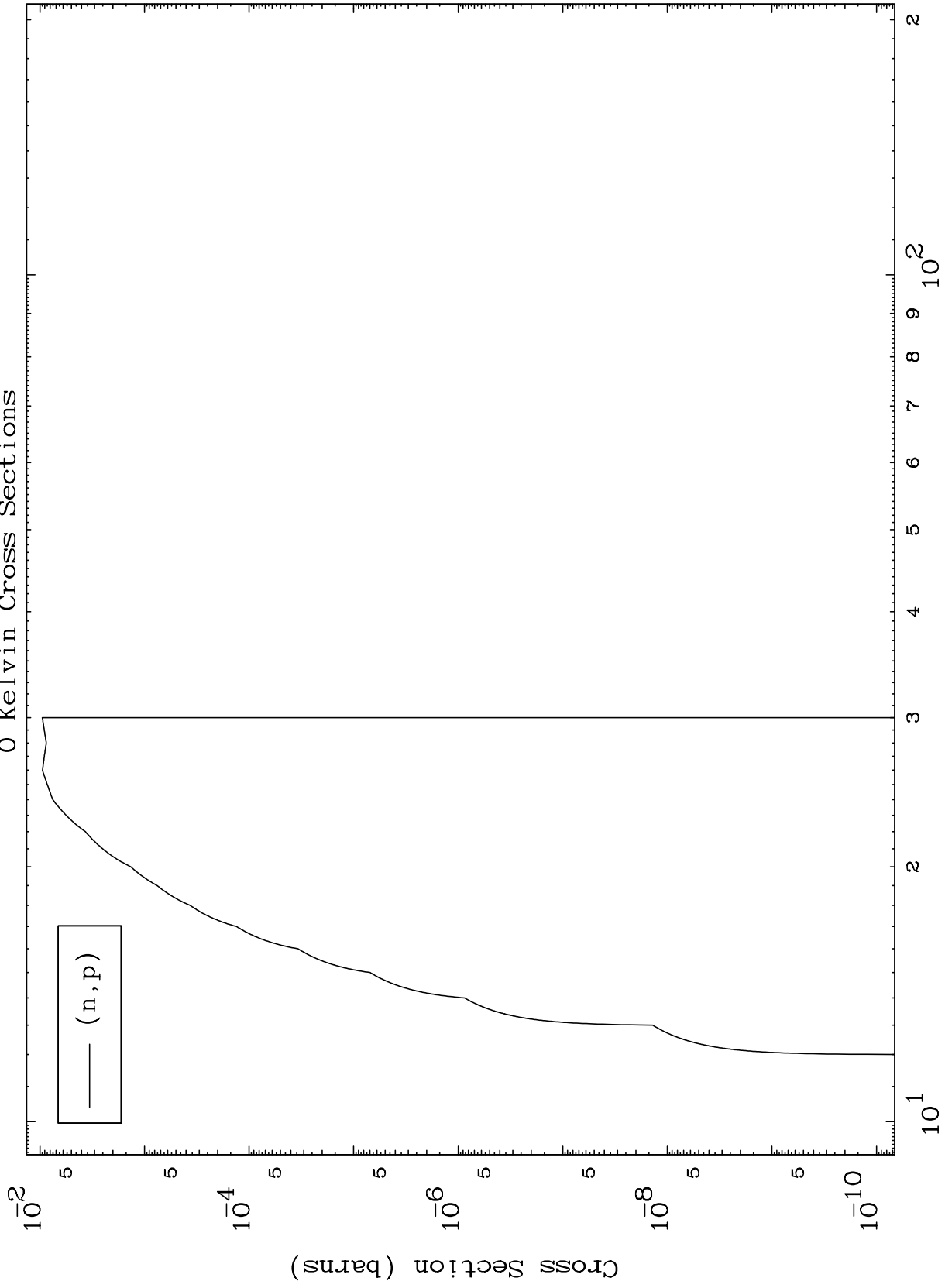
Incident Energy (MeV)

62-Sm-144

MAT 6225

(α, p) Levels
0 Kelvin Cross Sections

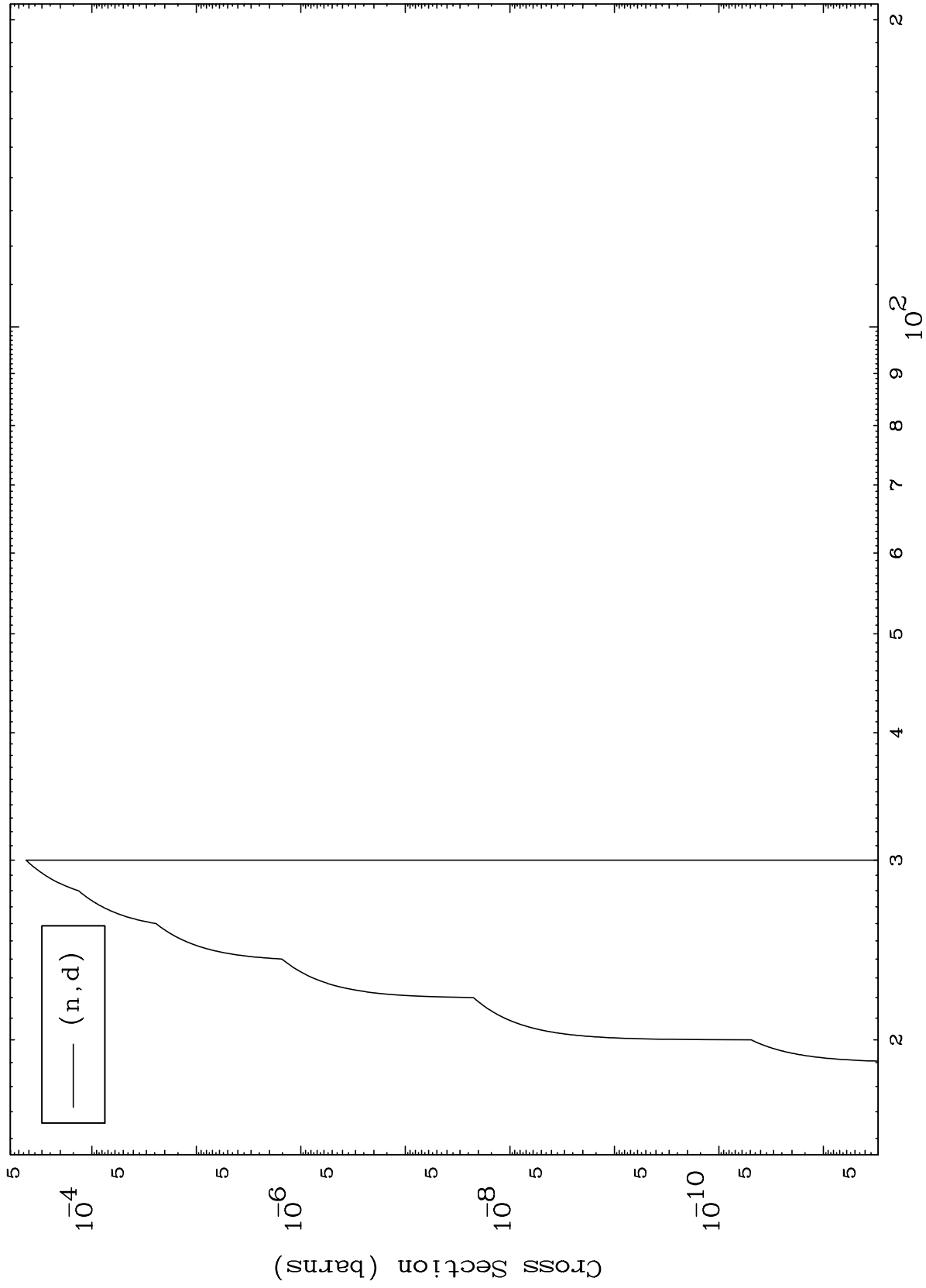
62-Sm-144



MAT 6225

(α, d) Levels
0 Kelvin Cross Sections

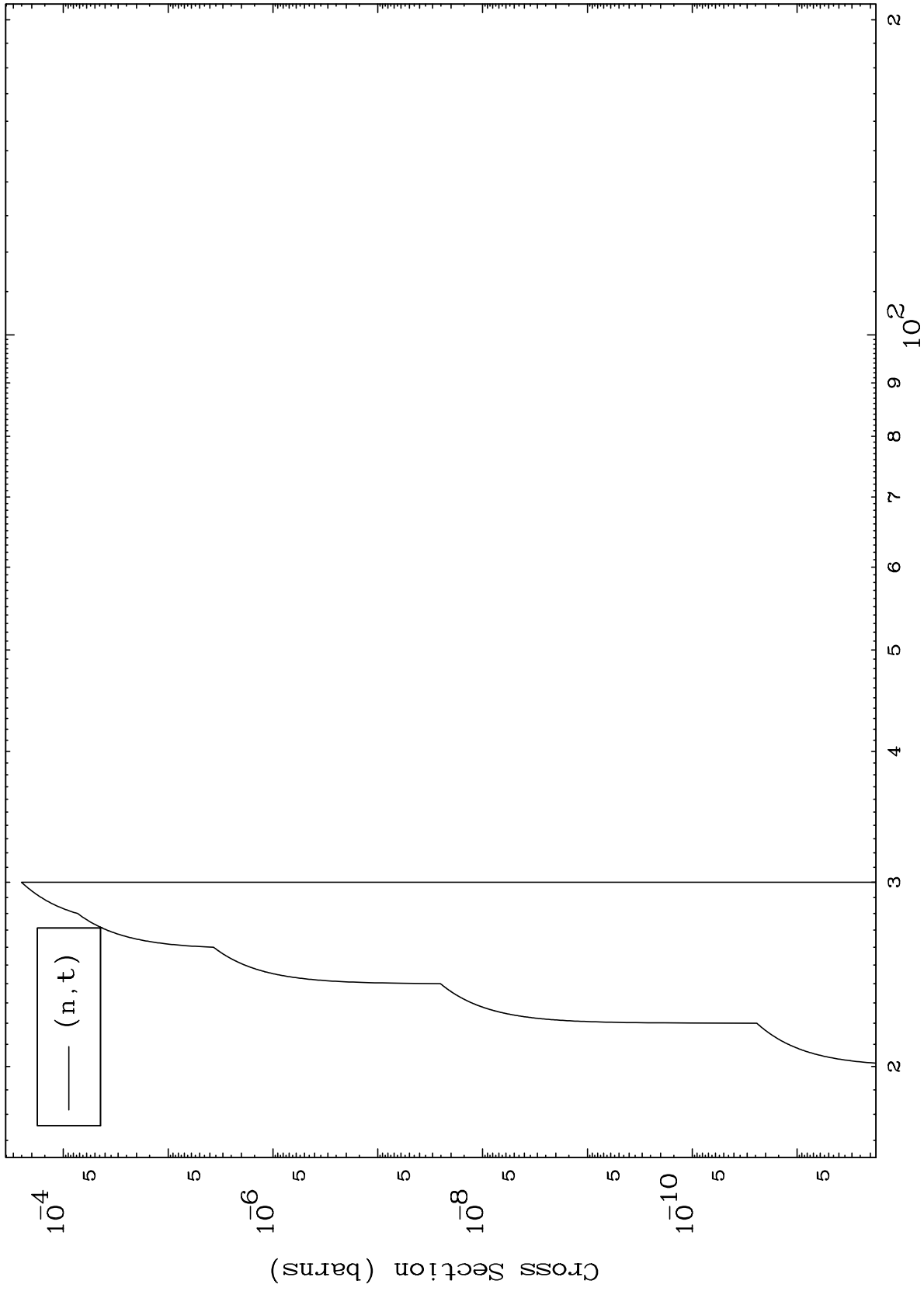
62-Sm-144



MAT 6225

(α, t) Levels
0 Kelvin Cross Sections

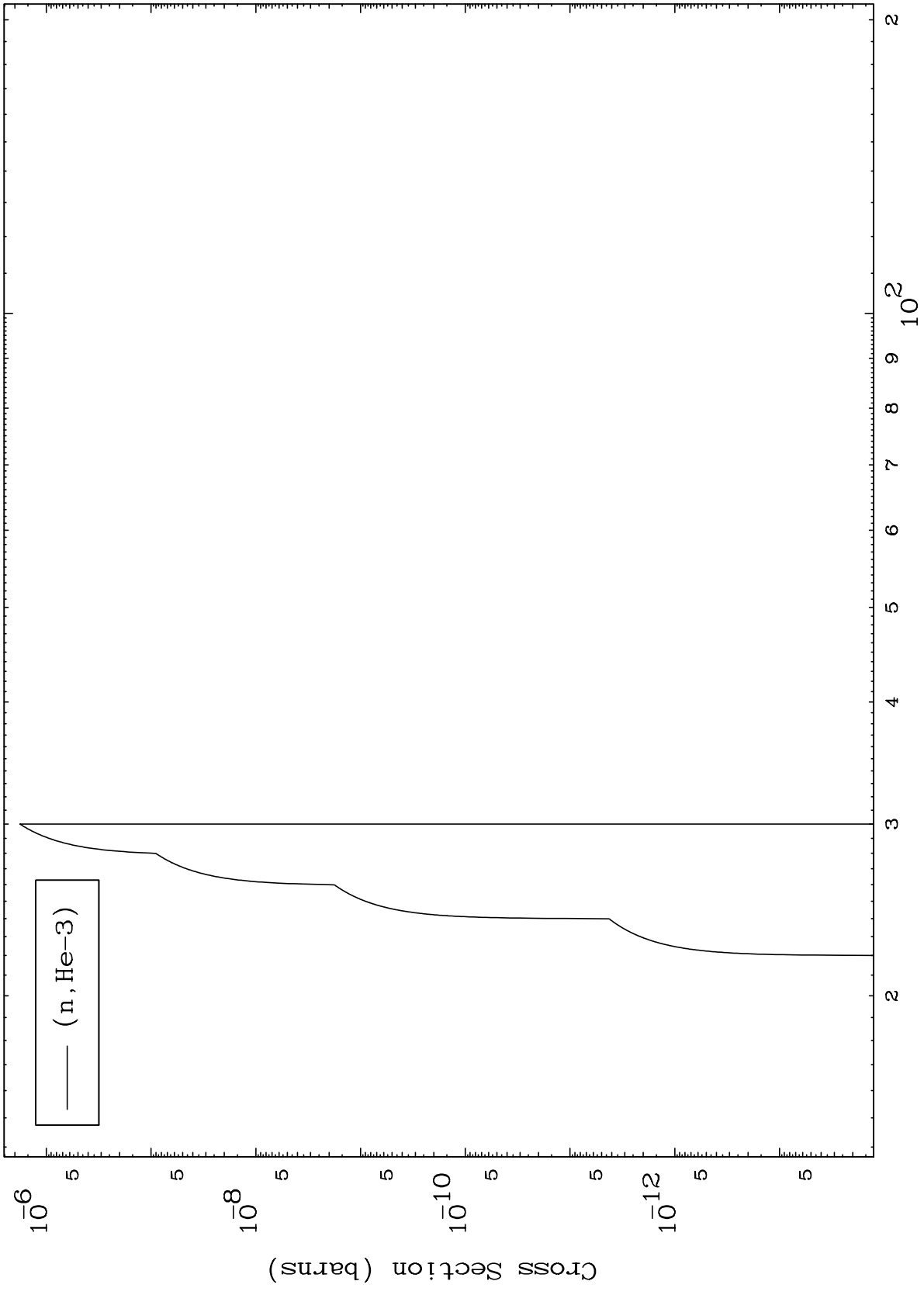
62-Sm-144



8

Incident Energy (MeV)

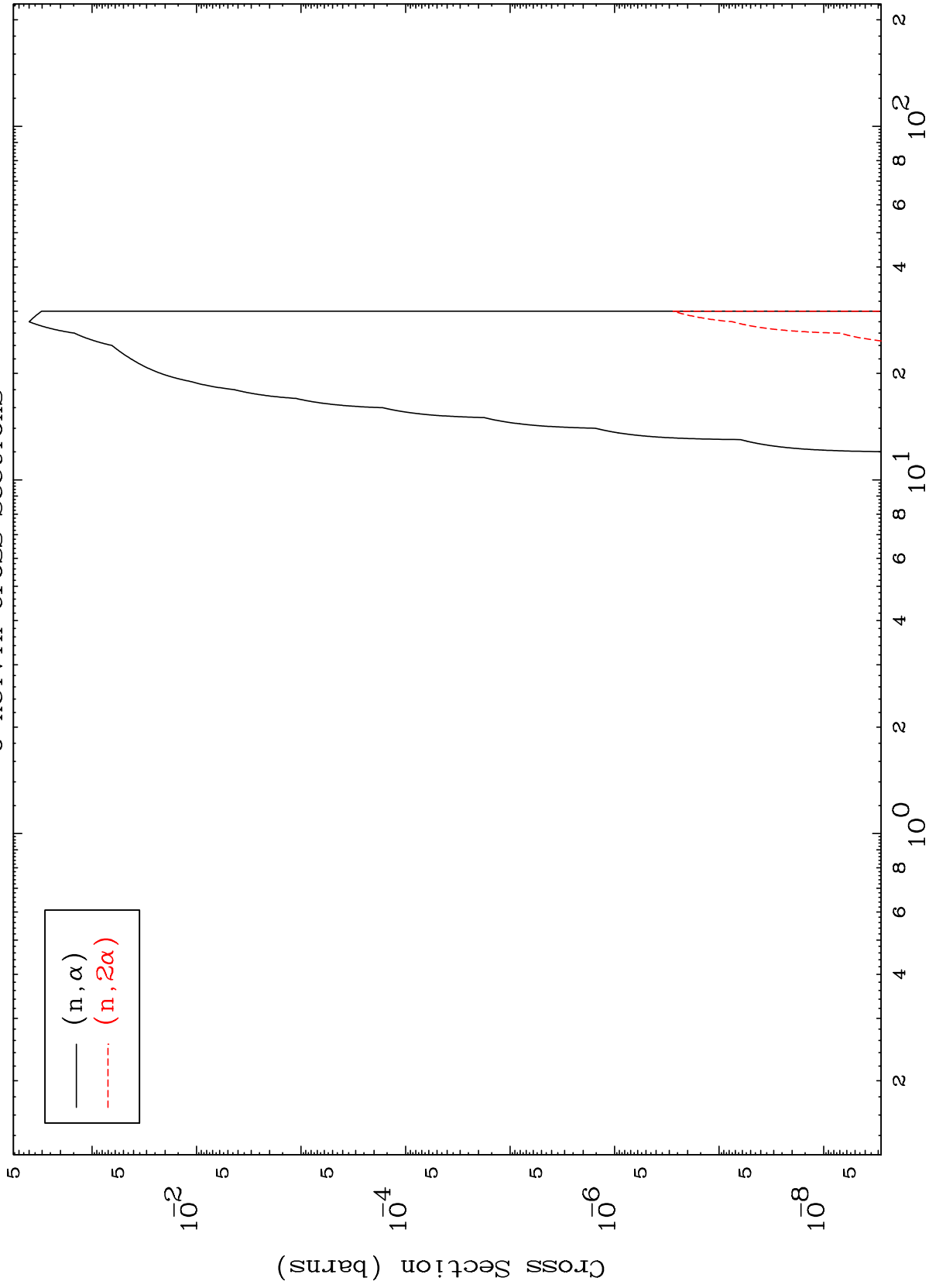
62-Sm-144



MAT 6225

(α, α) Levels
0 Kelvin Cross Sections

62-Sm-144



10

Incident Energy (MeV)

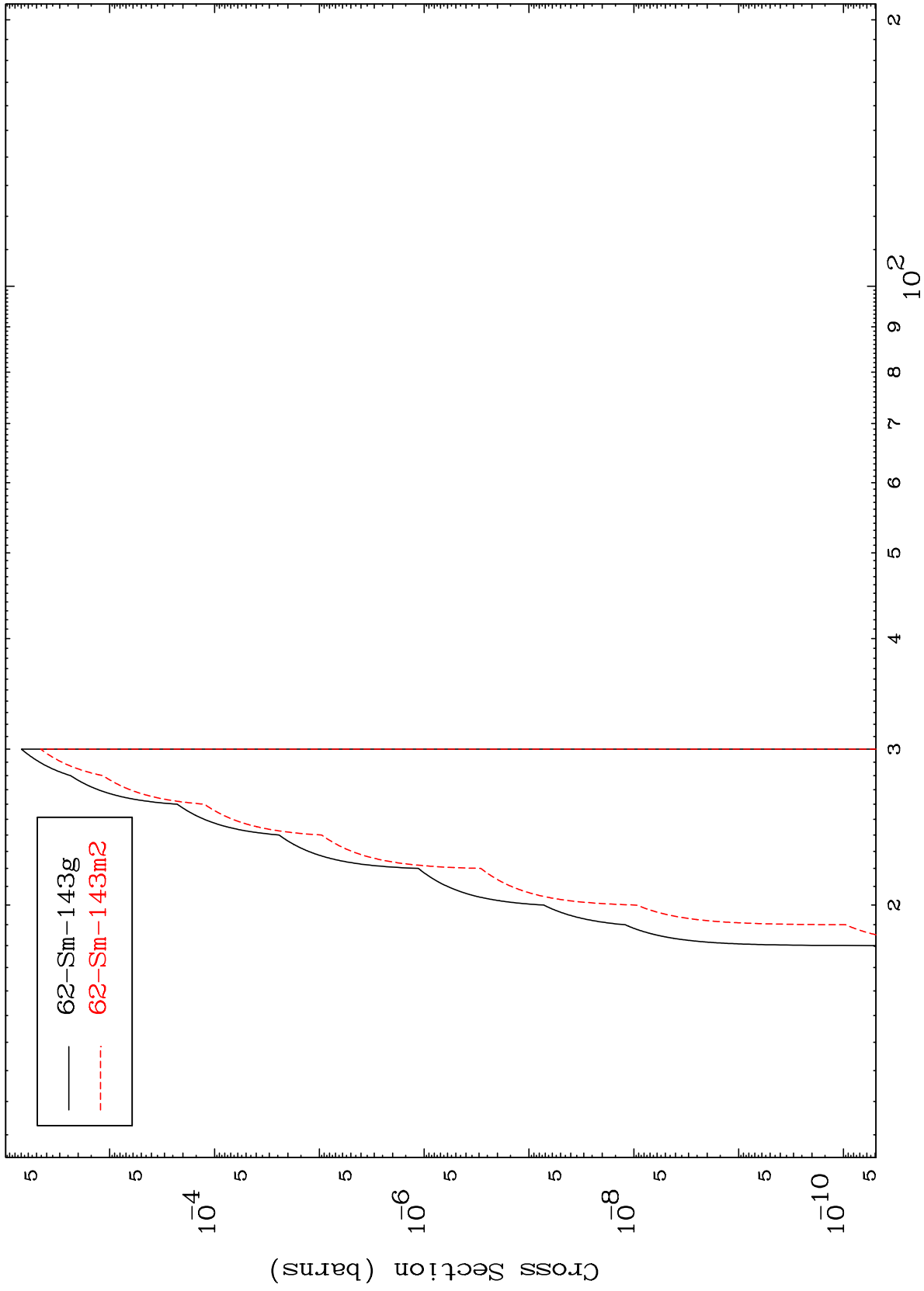
62-Sm-144

MAT 6225

(n,n') α

62-Sm-144

Radionuclide Production Cross Section



11

Incident Energy (MeV)

62-Sm-144