

Program EVALPLOT
(Version 2021-1)

by

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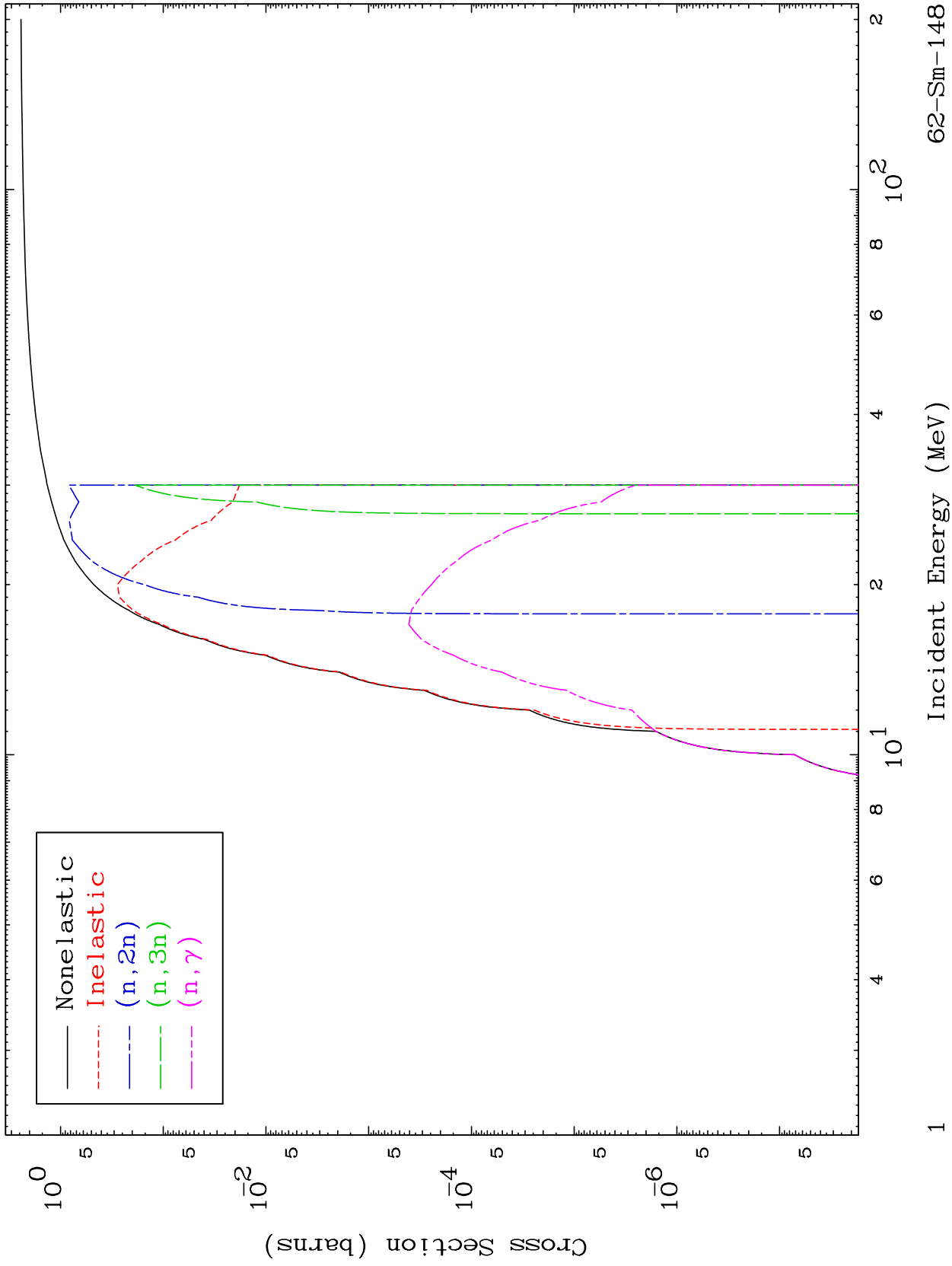
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6237

0 Kelvin α Major Cross Sections

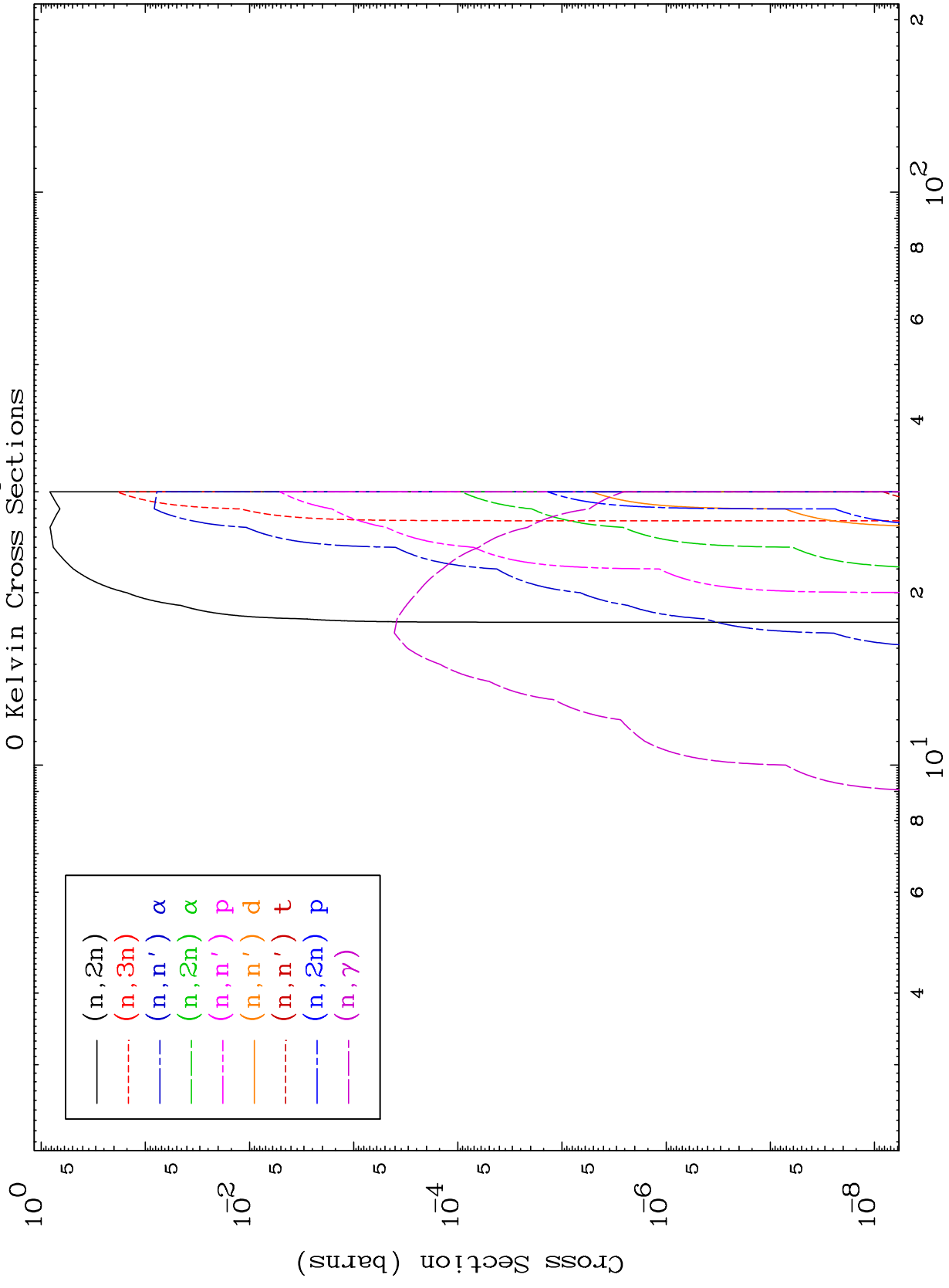
$^{62}\text{Sm-148}$



MAT 6237

α Neutron Absorption
0 Kelvin Cross Sections

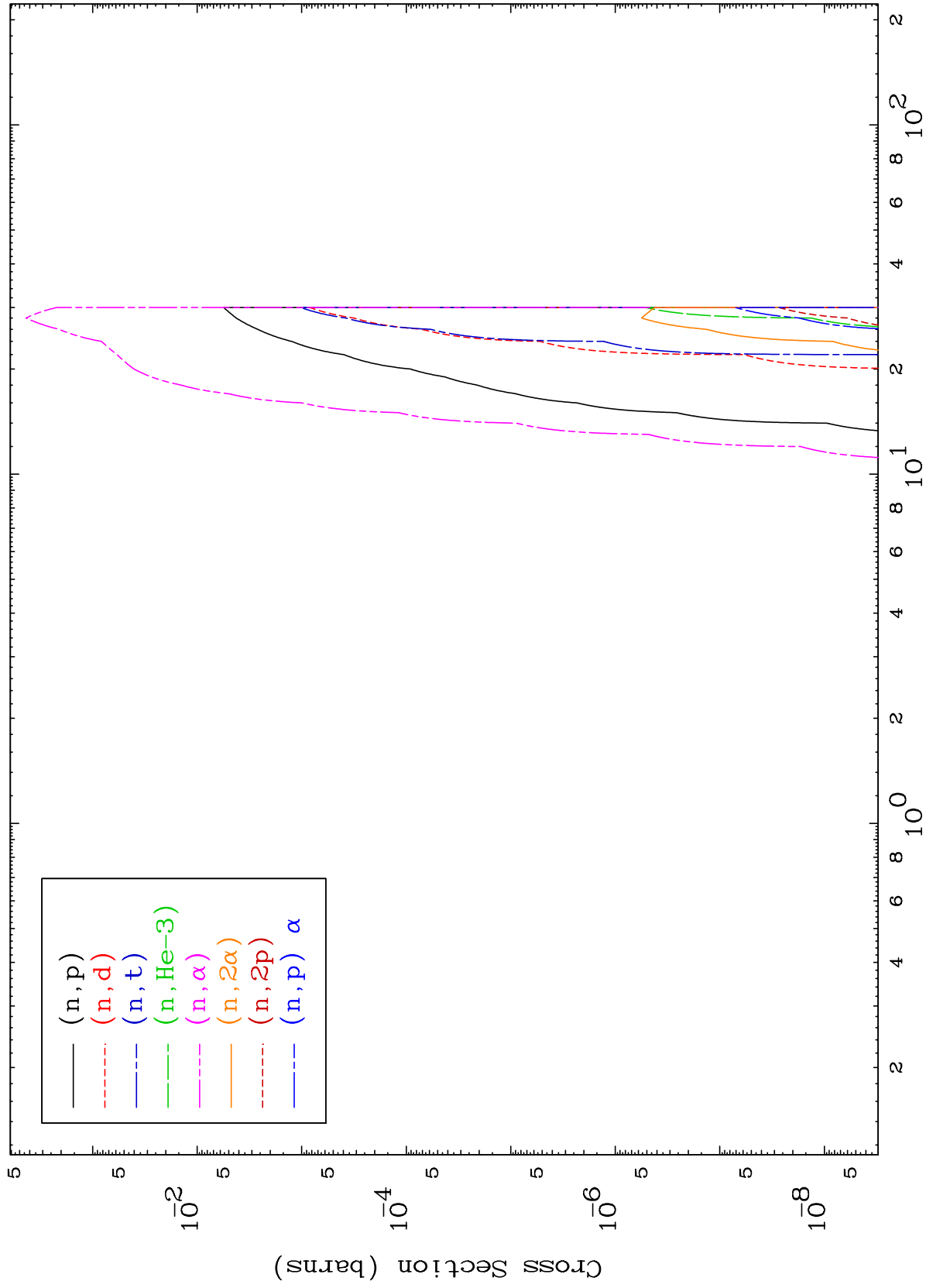
62-Sm-148



MAT 6237

α Neutron Absorption
0 Kelvin Cross Sections

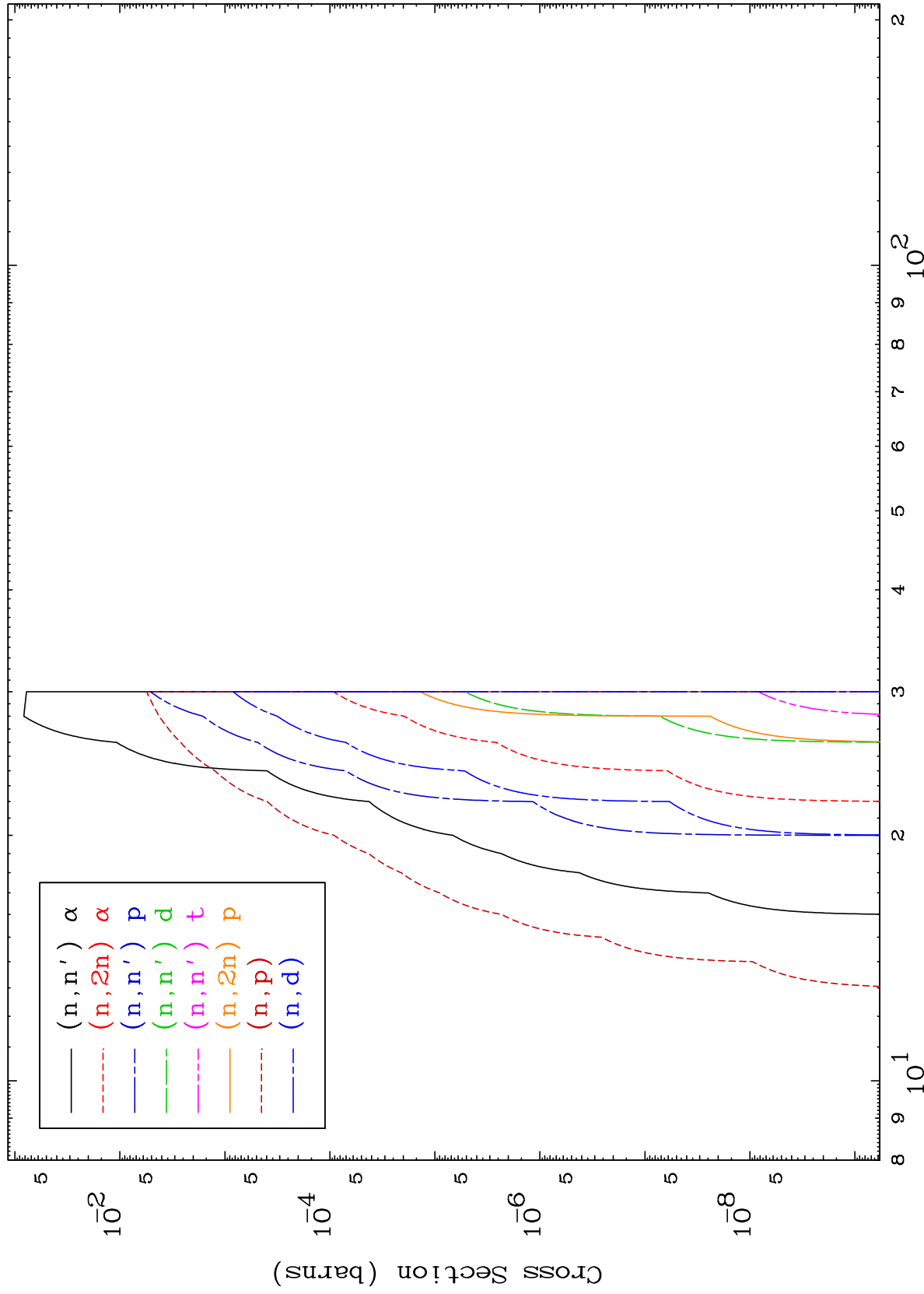
62-Sm-148



3

Incident Energy (MeV)

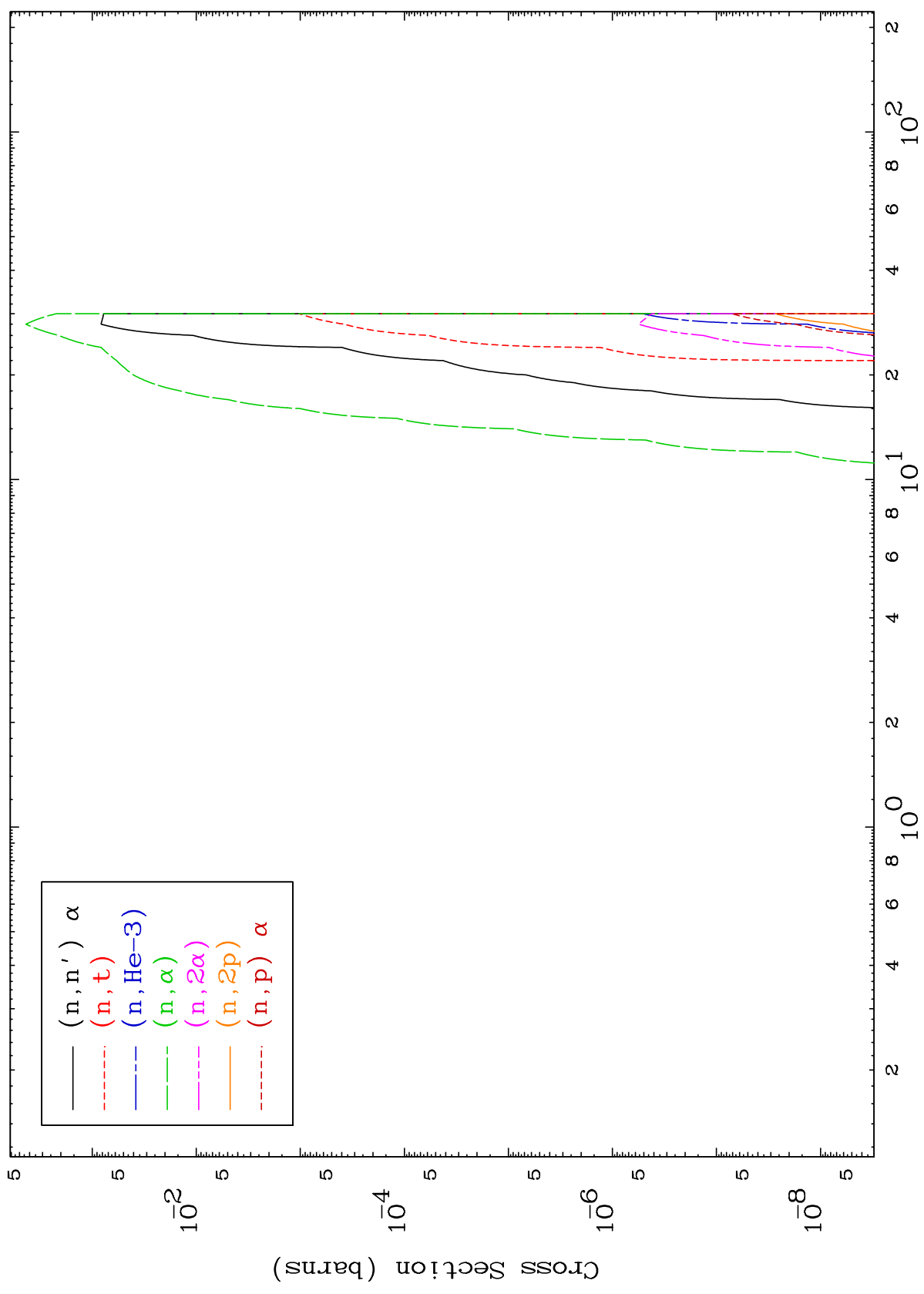
62-Sm-148



MAT 6237

α Charged Particle
0 Kelvin Cross Sections

62-Sm-148



5

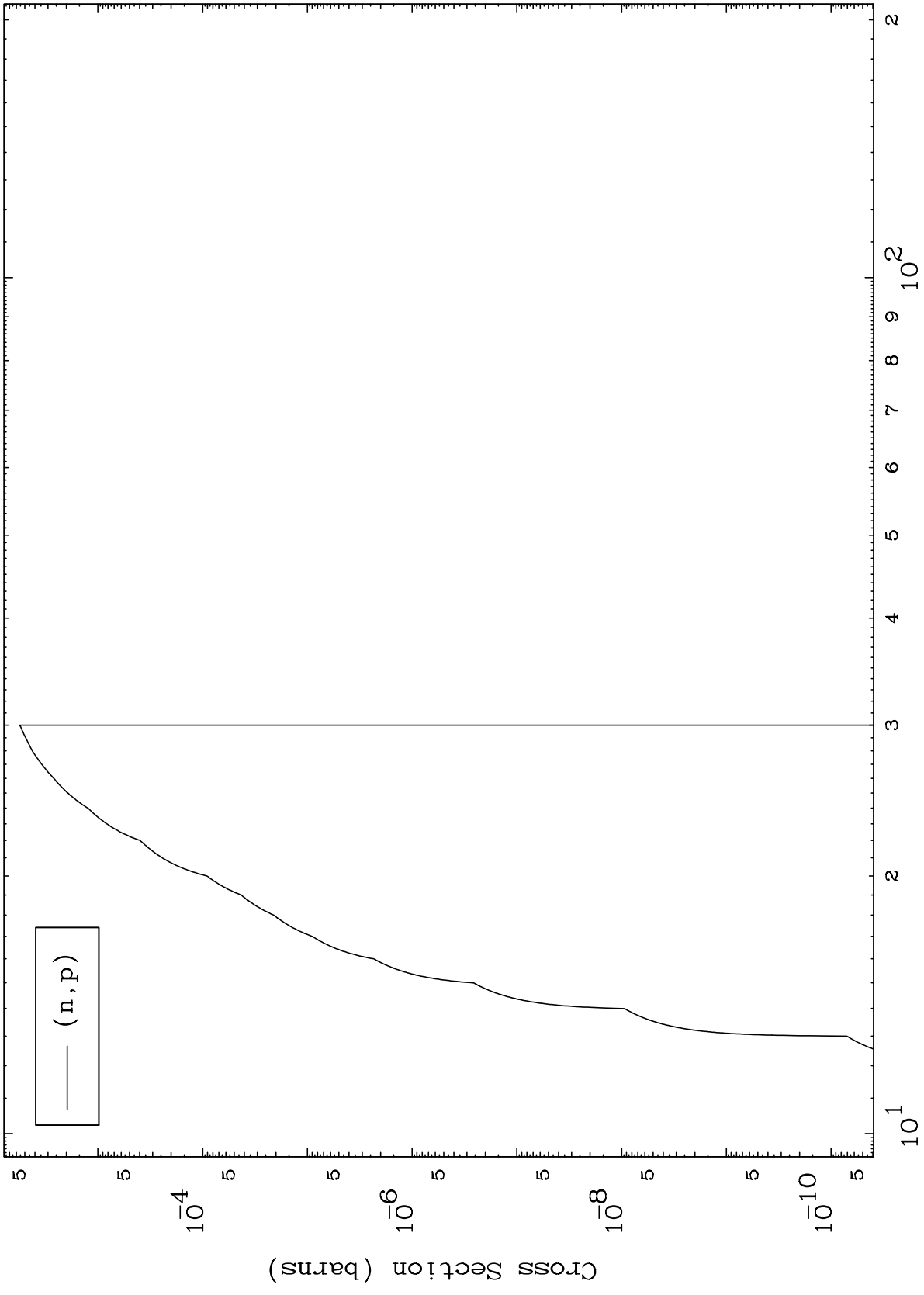
Incident Energy (MeV)

62-Sm-148

MAT 6237

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-148



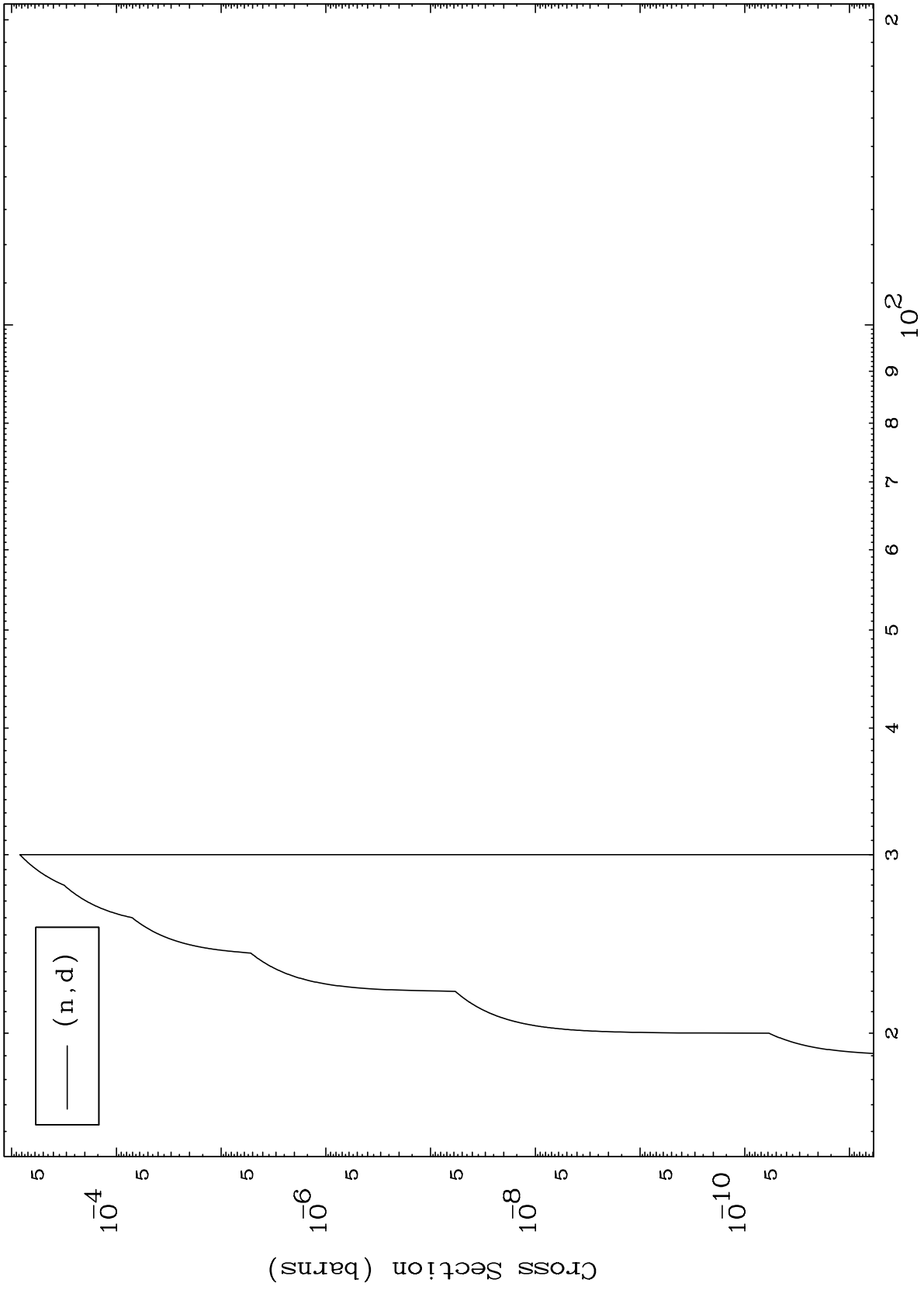
Incident Energy (MeV)

62-Sm-148

MAT 6237

(α, d) Levels
0 Kelvin Cross Sections

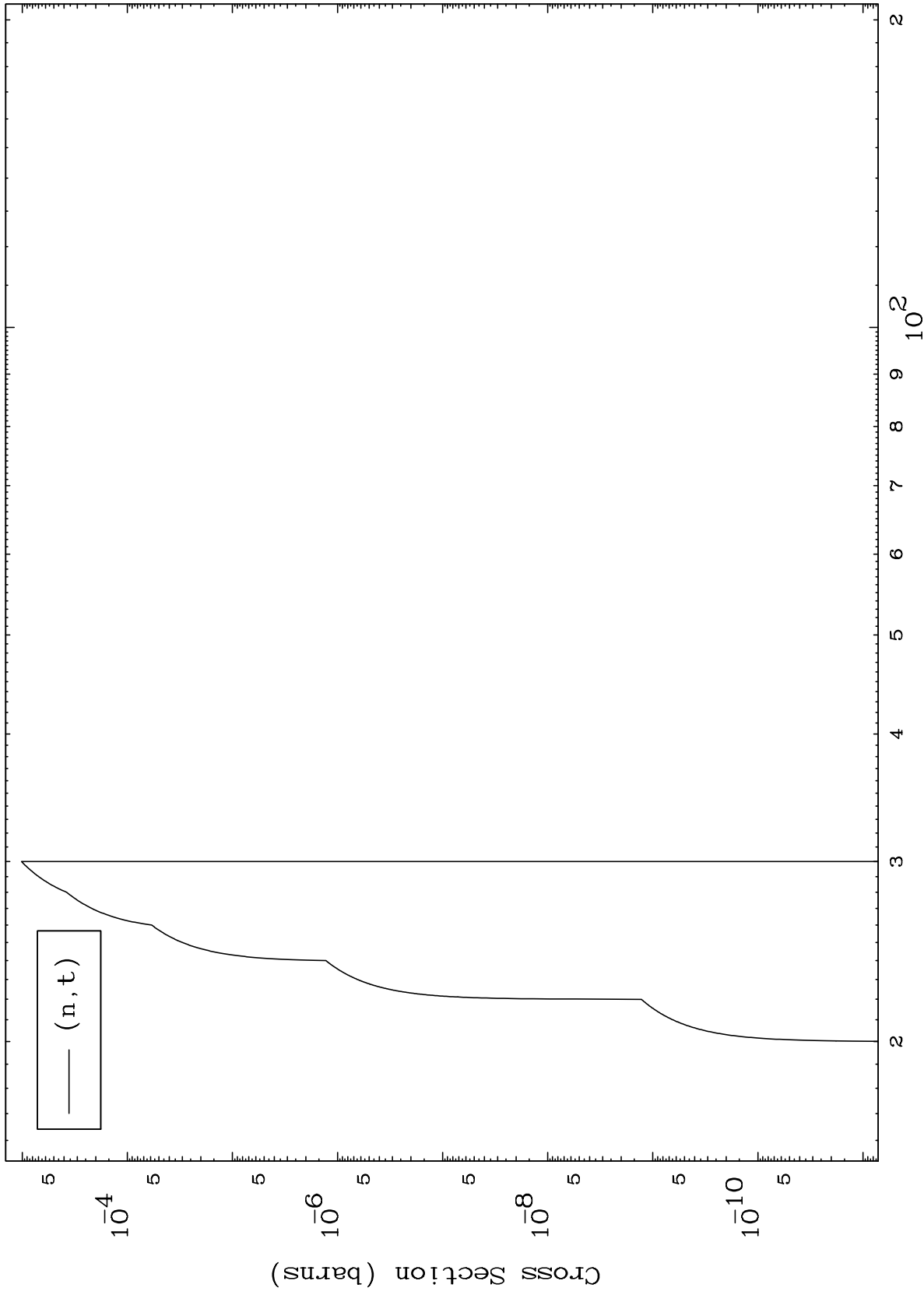
62-Sm-148



MAT 6237

(α, t) Levels
0 Kelvin Cross Sections

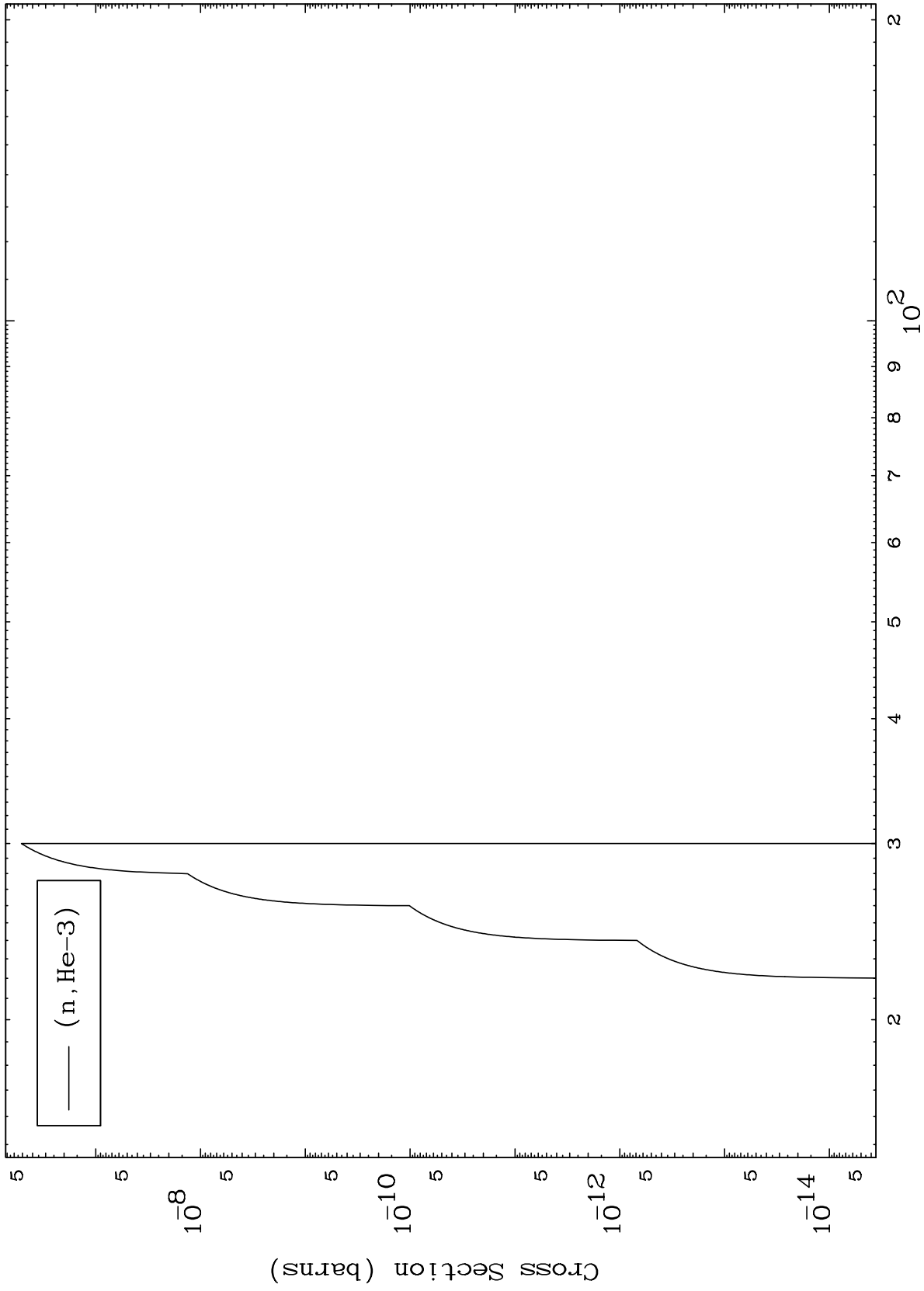
62-Sm-148



8

Incident Energy (MeV)

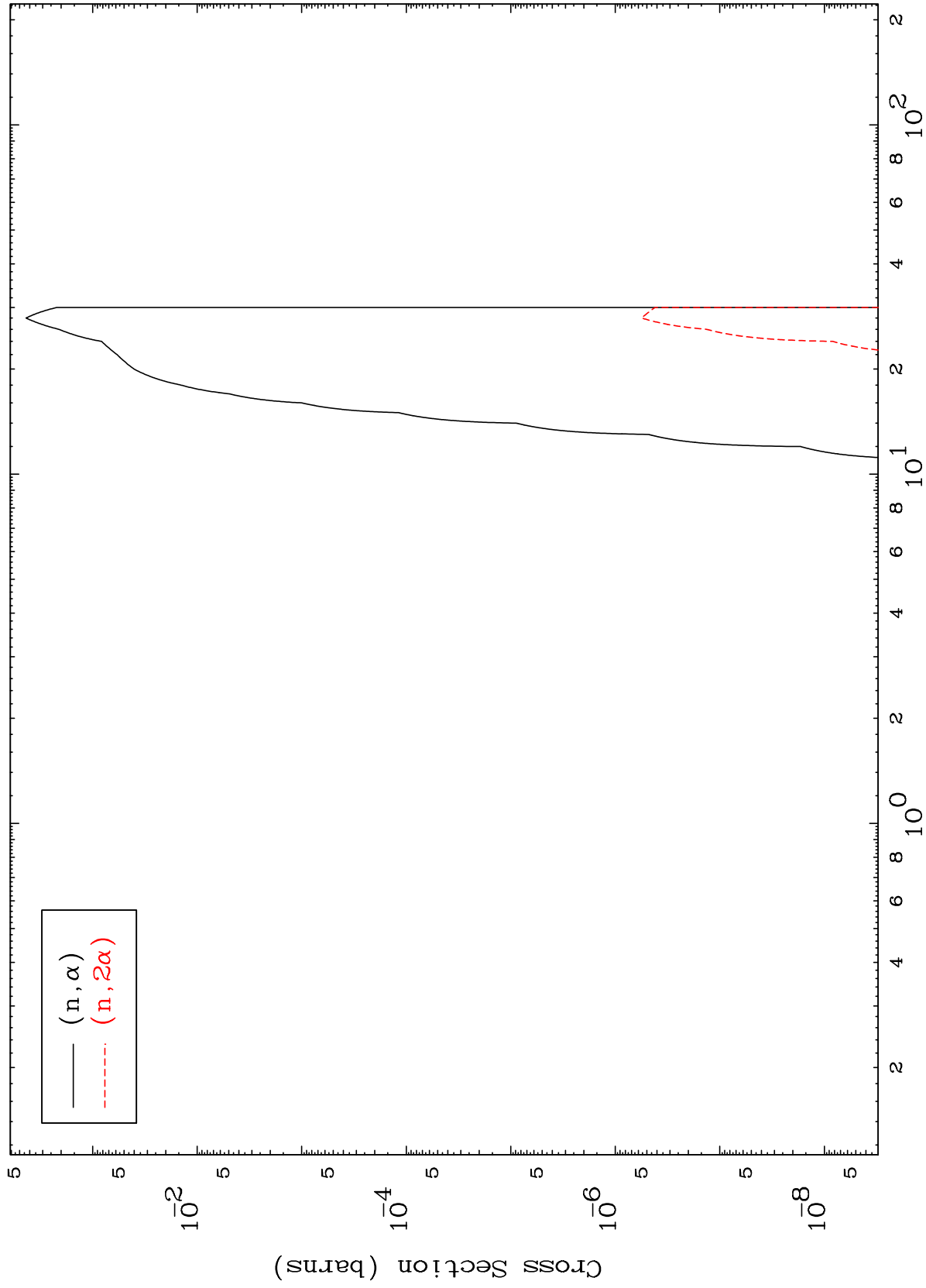
62-Sm-148



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(α, α) Levels
0 Kelvin Cross Sections

62-Sm-148



10

Incident Energy (MeV)

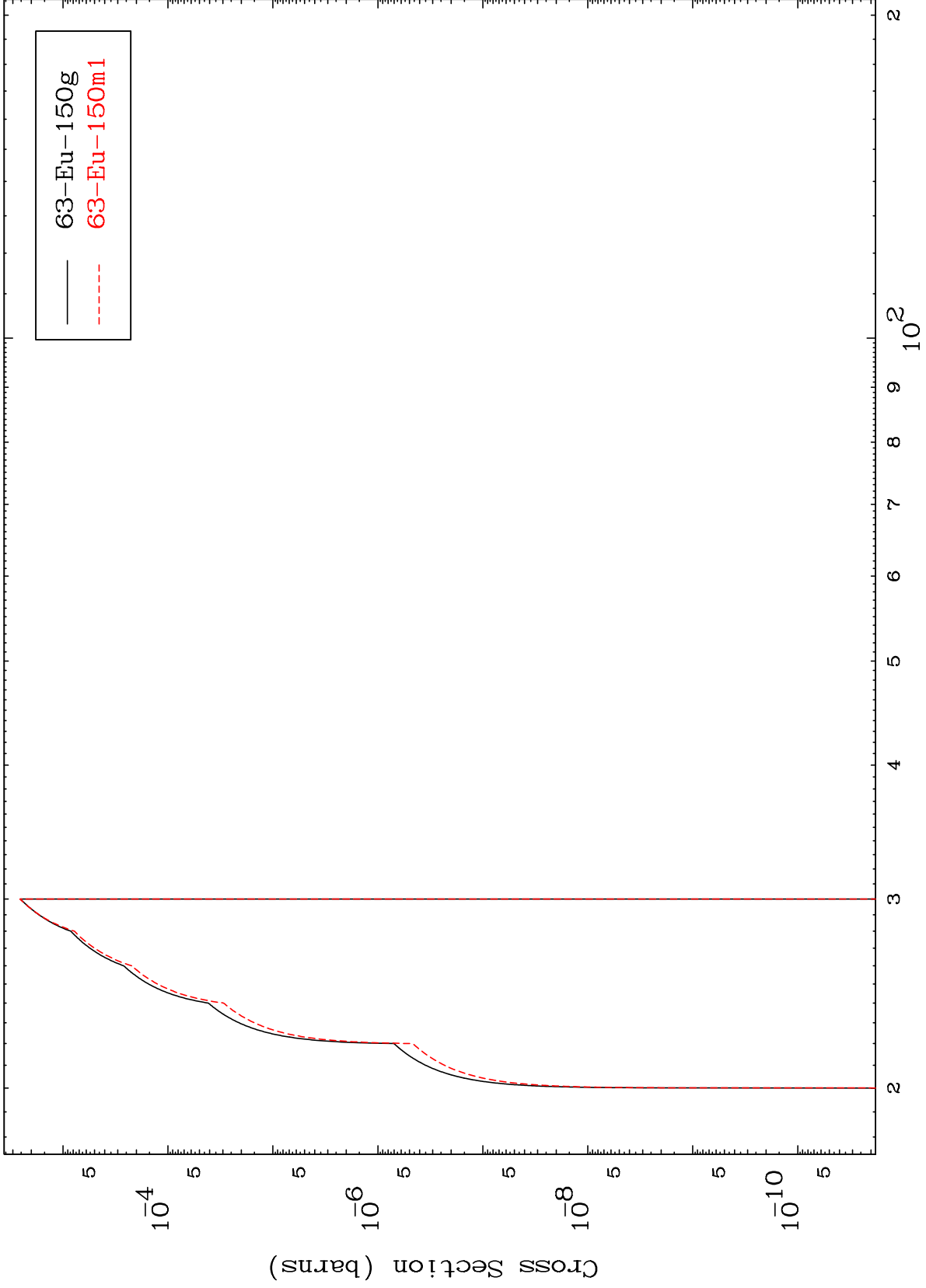
62-Sm-148

MAT 6237

(n,n') p

62-Sm-148

Radionuclide Production Cross Section



11

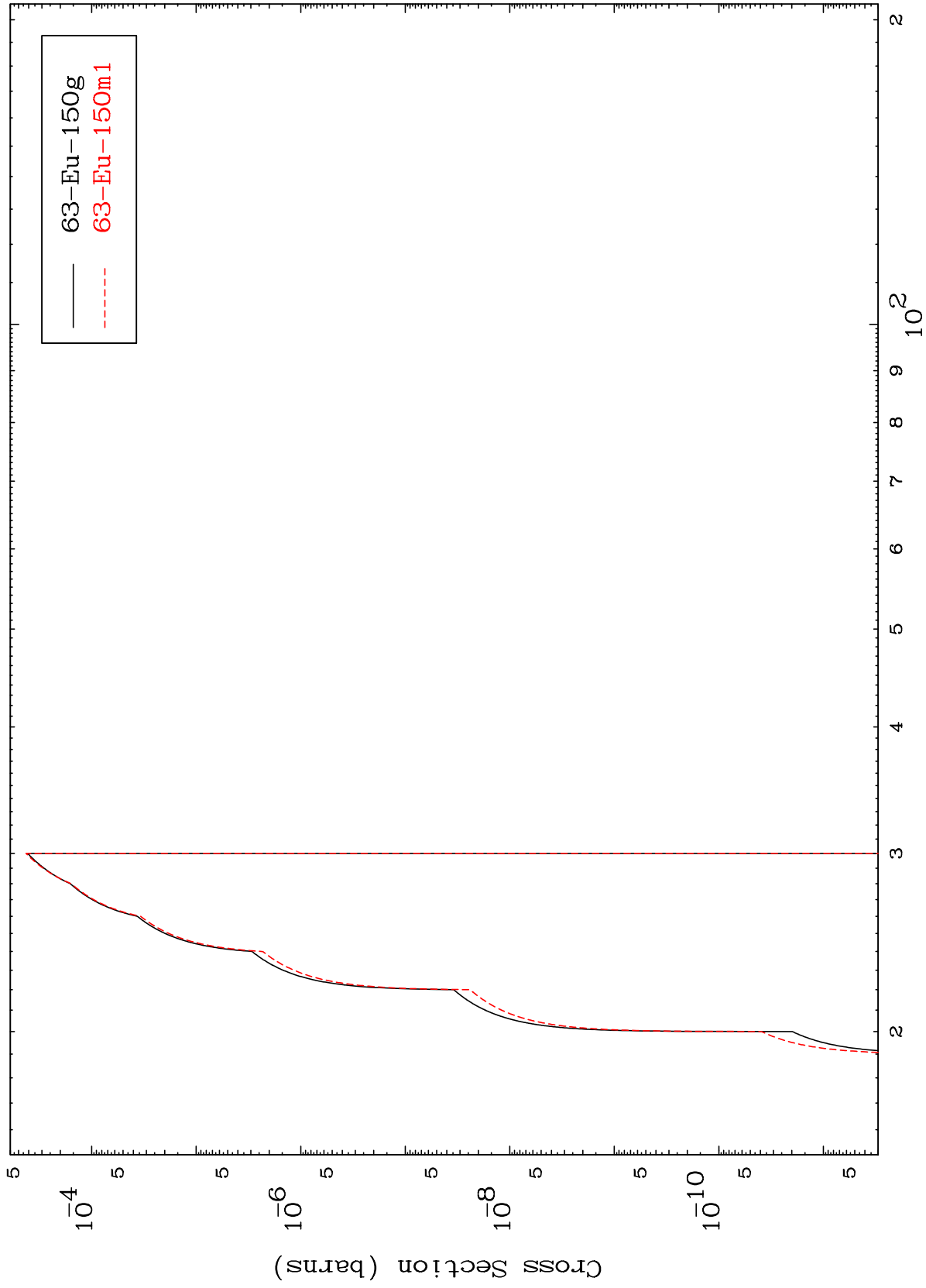
Incident Energy (MeV)

62-Sm-148

MAT 6237

62-Sm-148

(n,d)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

62-Sm-148