

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

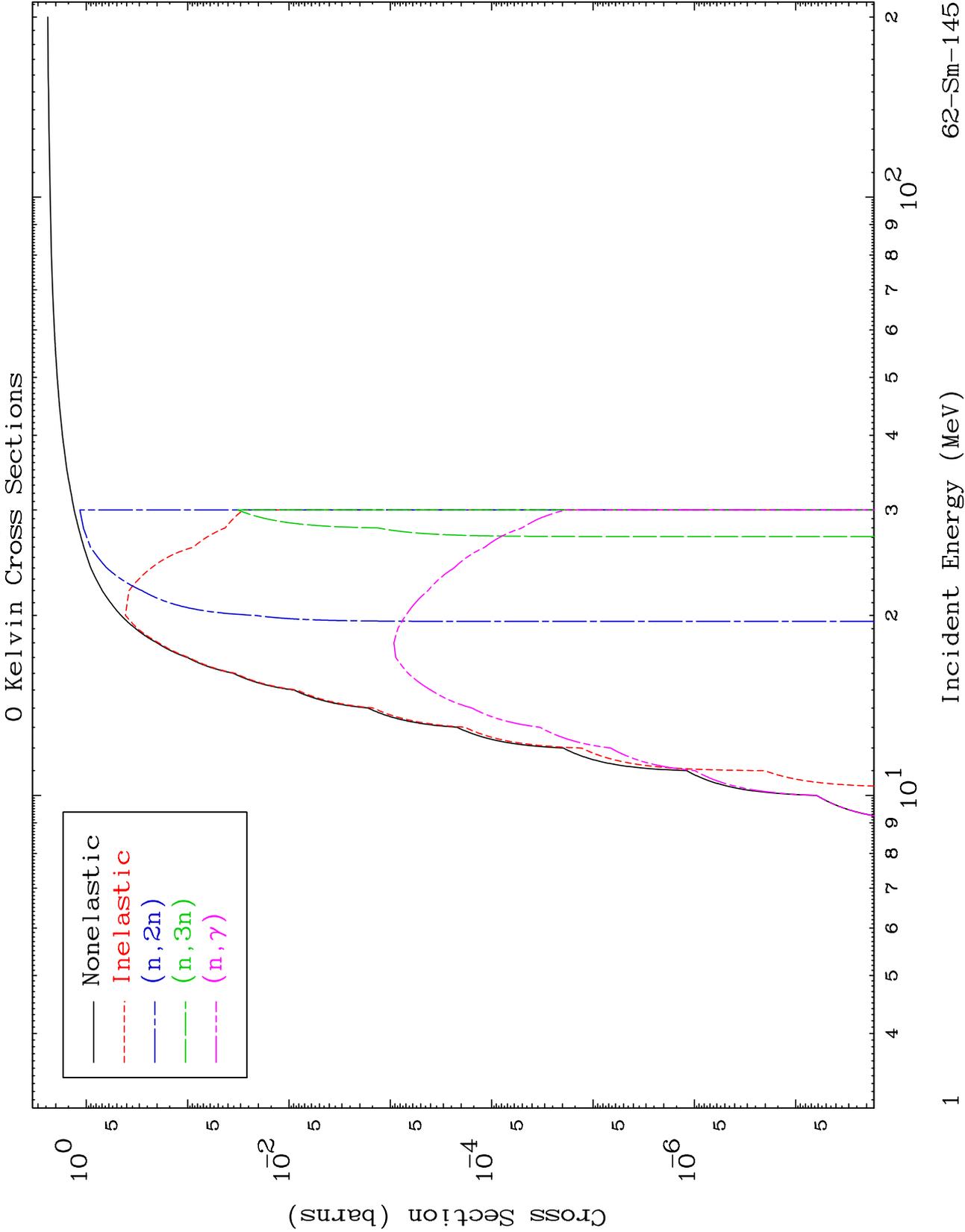
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6228

0 Kelvin

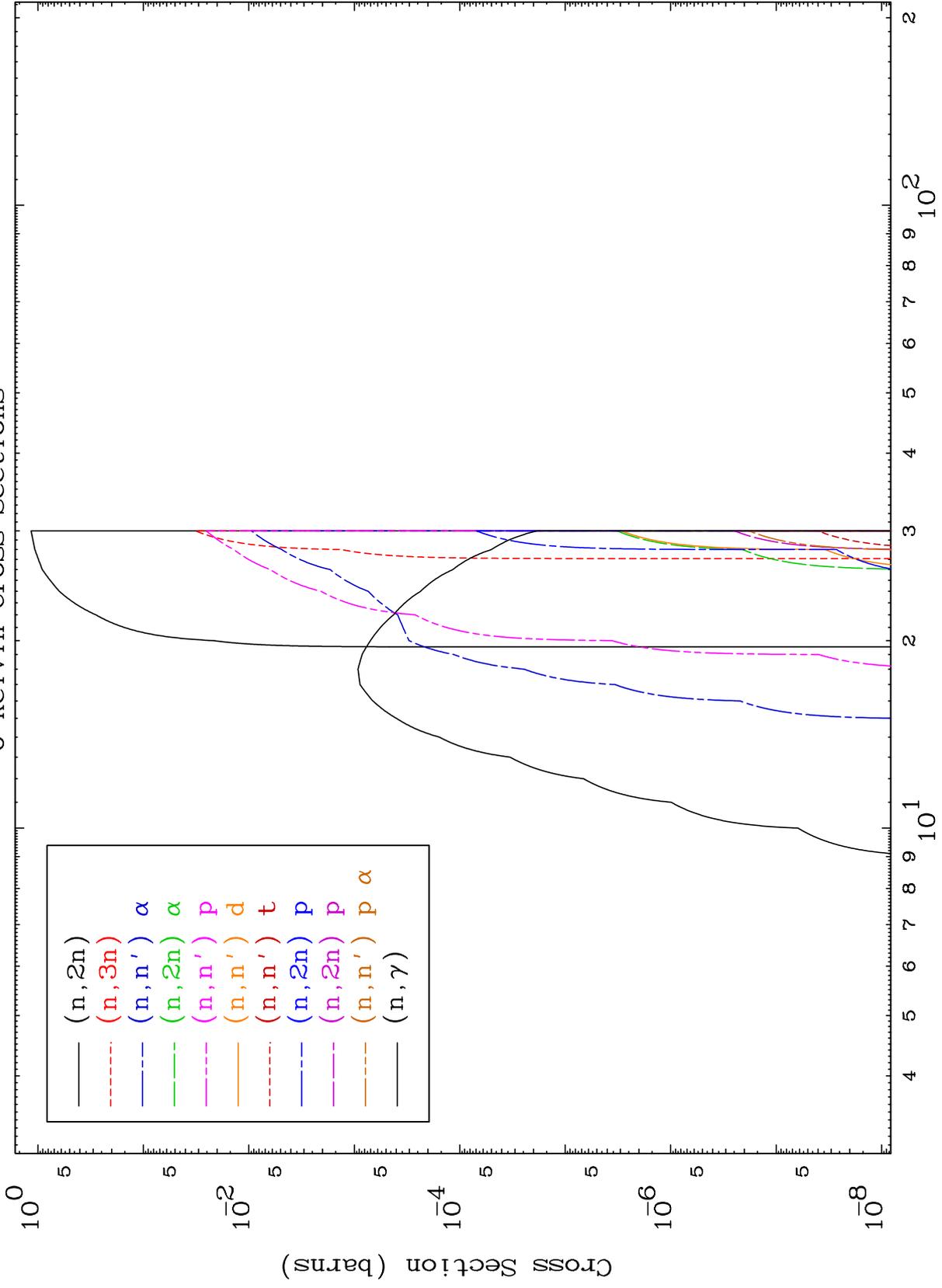
62-Sm-145



MAT 6228

α Neutron Absorption
0 Kelvin Cross Sections

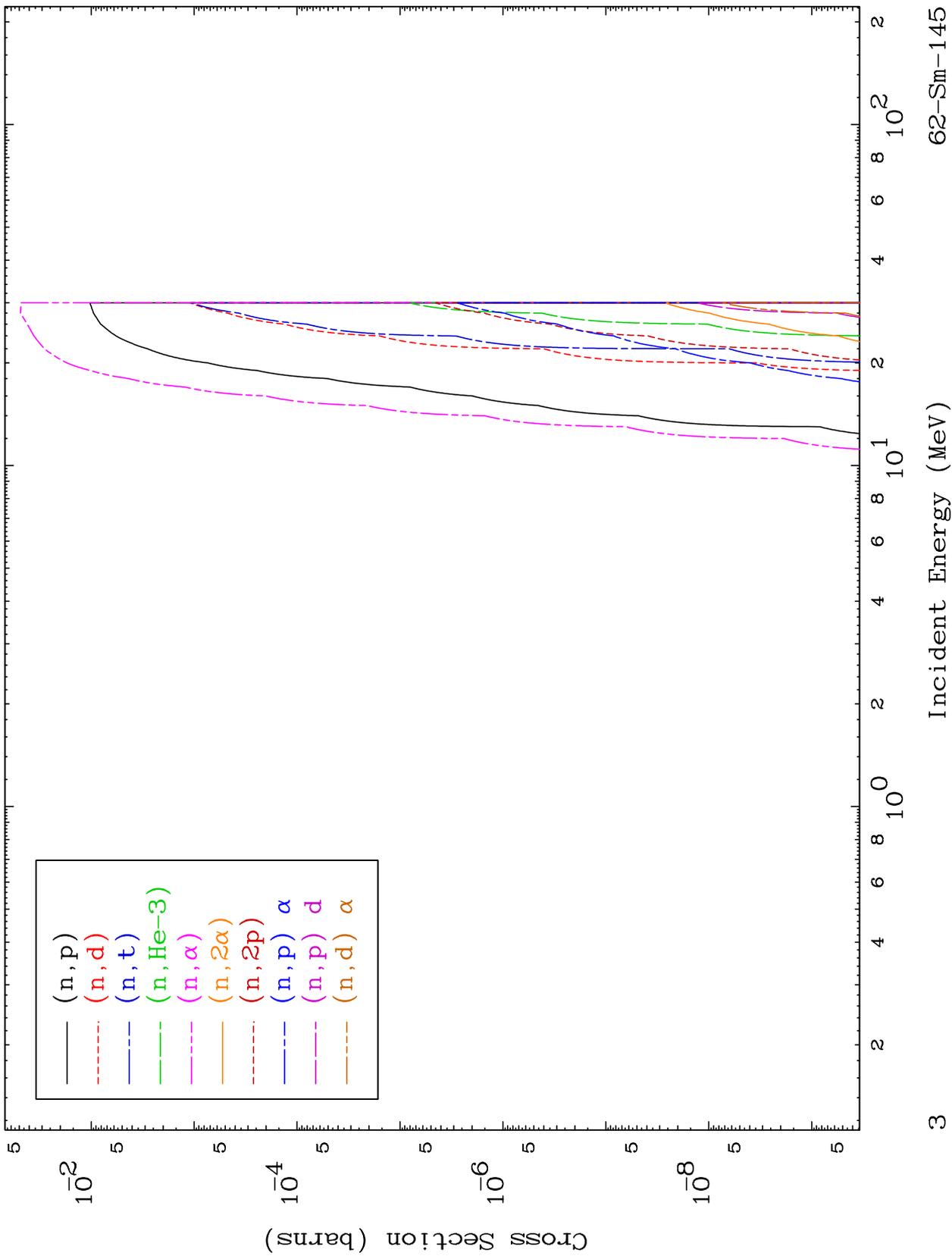
62-Sm-145



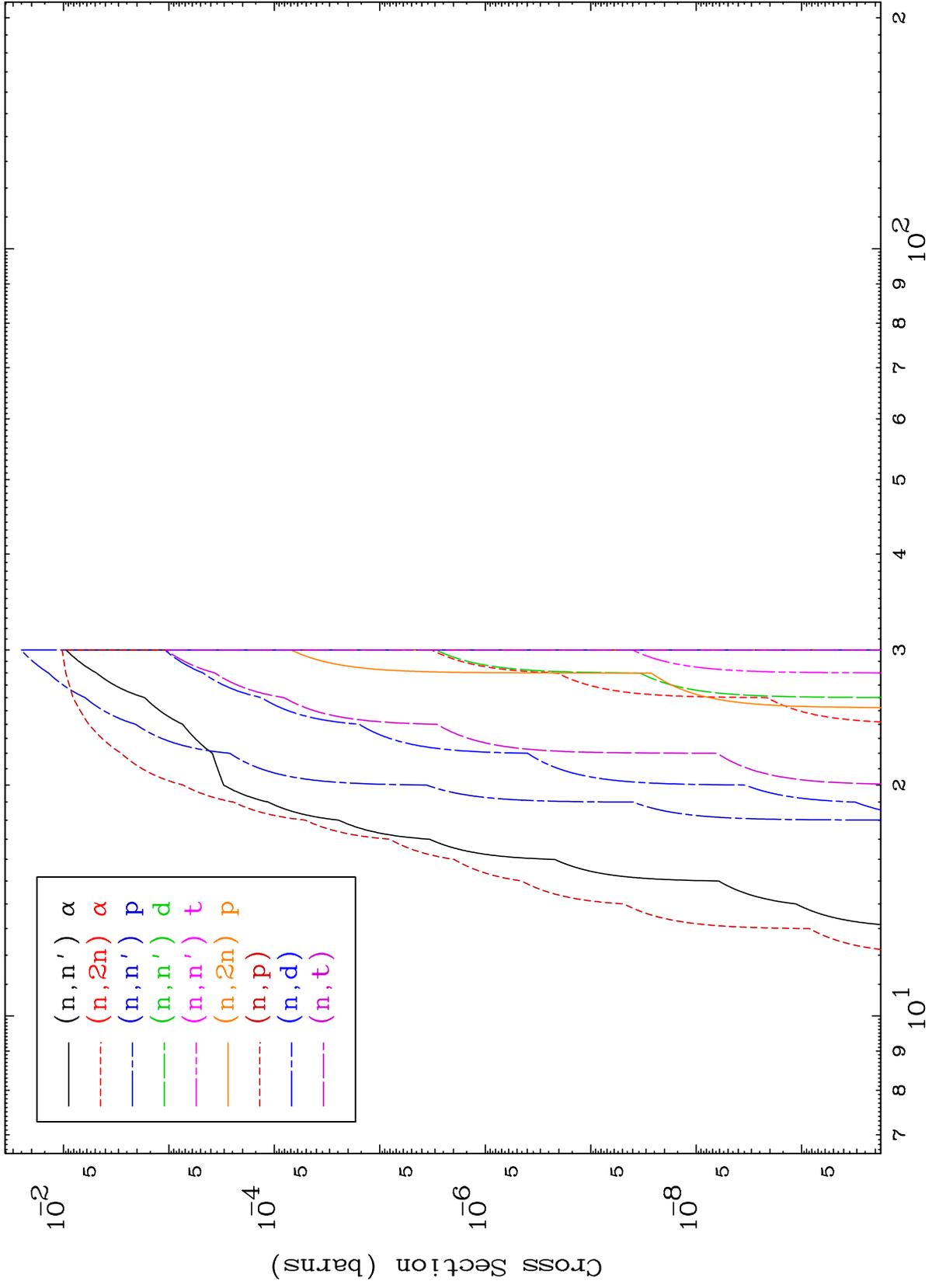
MAT 6228

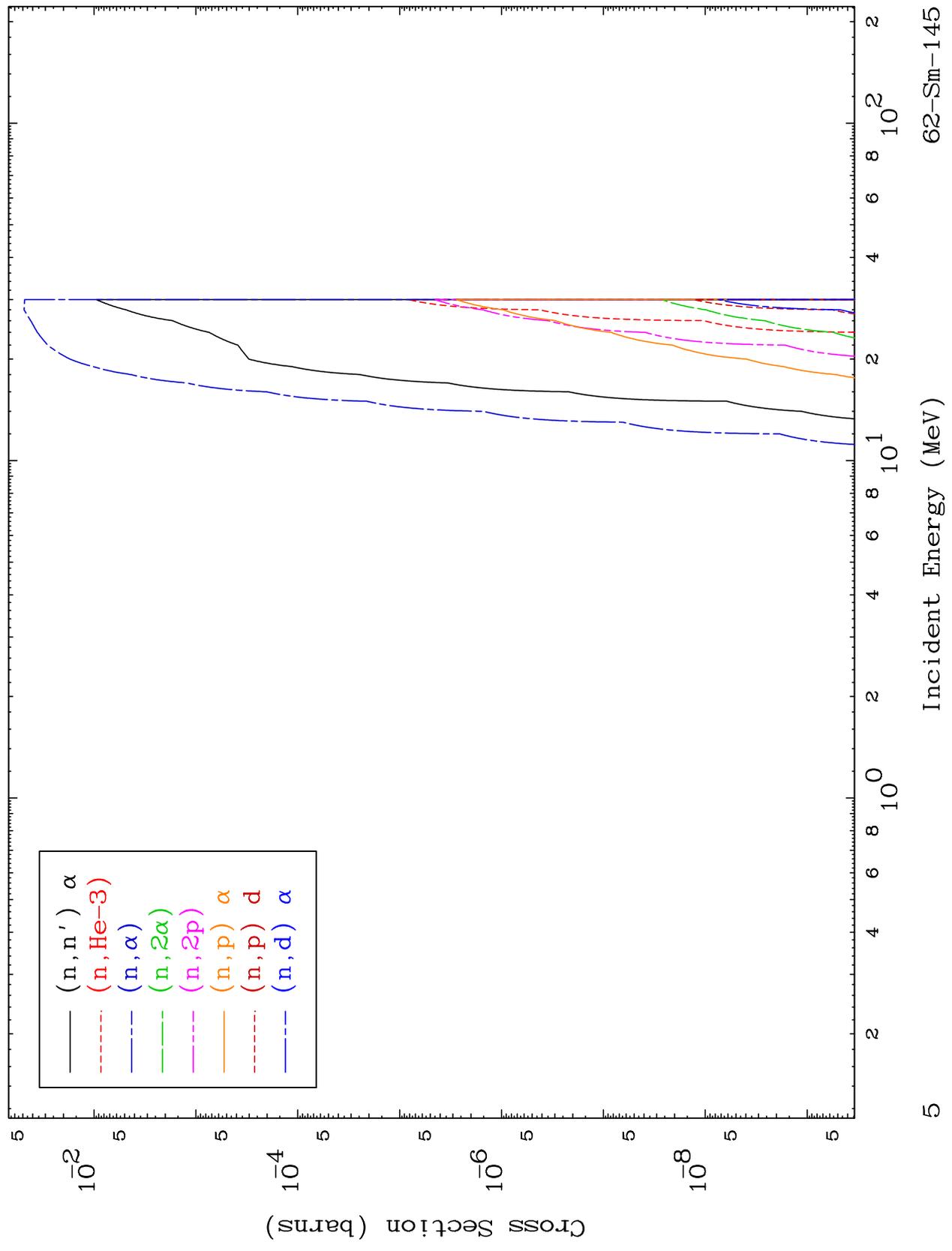
α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-145



62-Sm-145

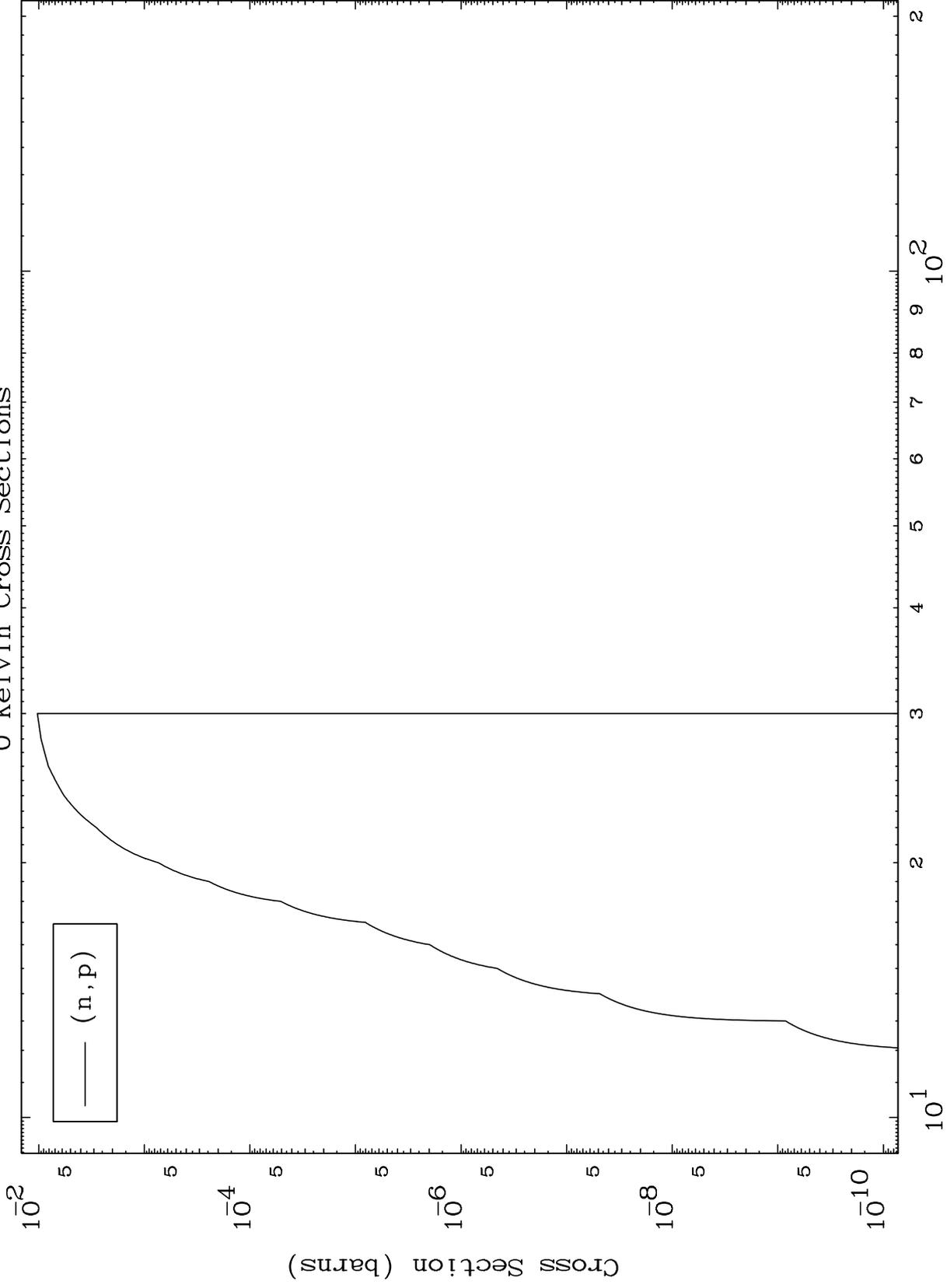




MAT 6228

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-145



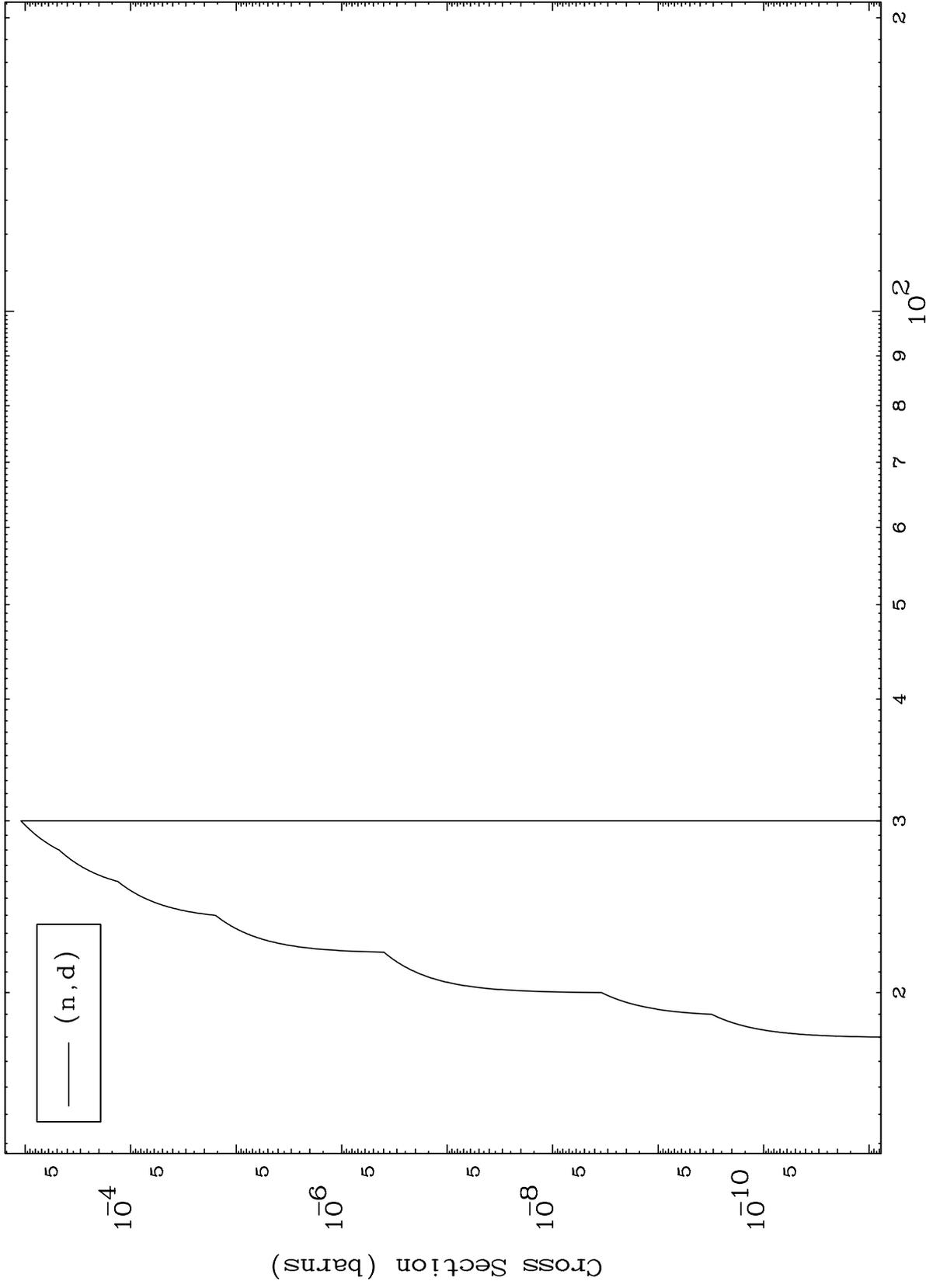
Incident Energy (MeV)

62-Sm-145

MAT 6228

(α, d) Levels
0 Kelvin Cross Sections

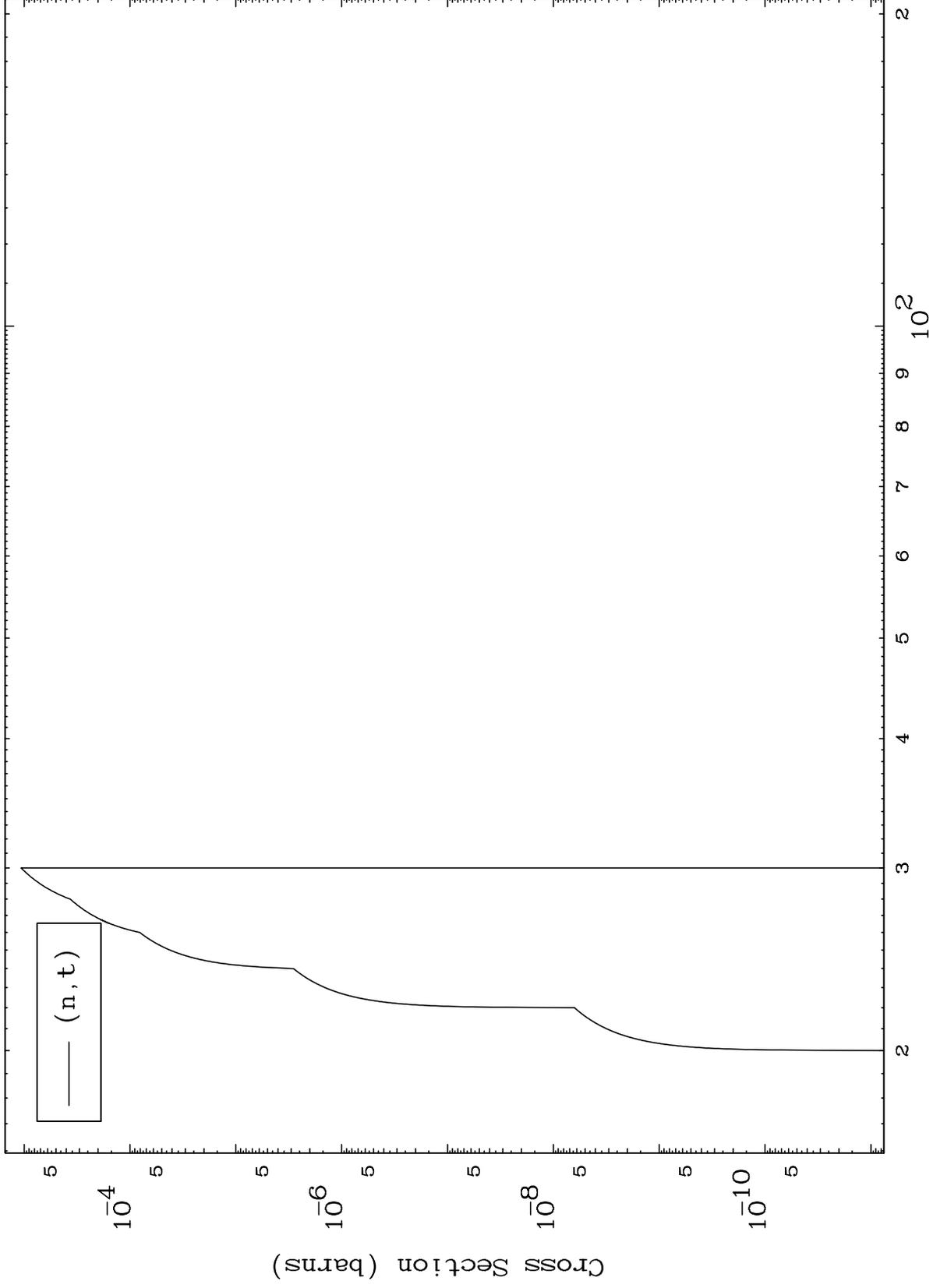
62-Sm-145



MAT 6228

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-145

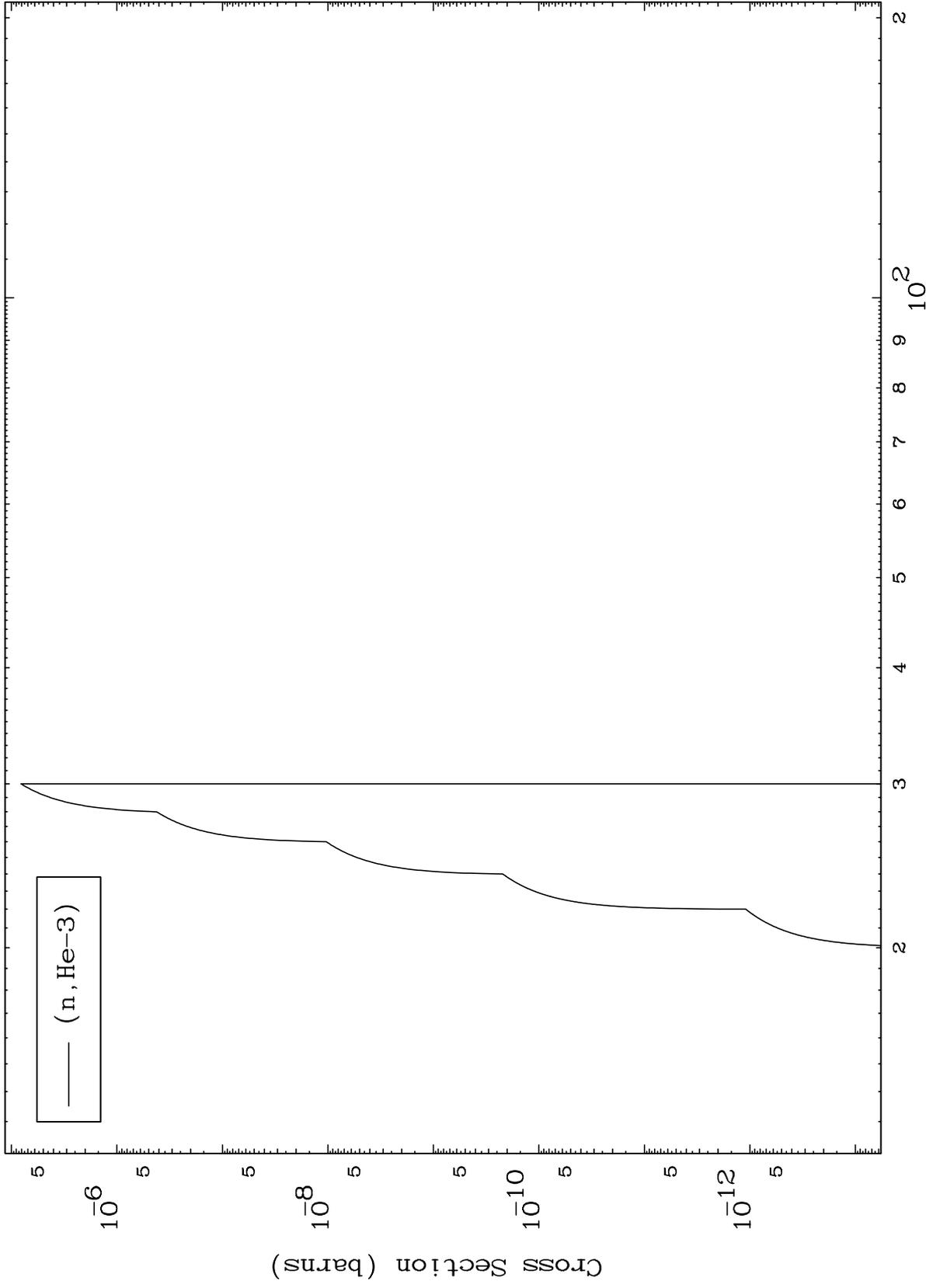


8

Incident Energy (MeV)

62-Sm-145

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

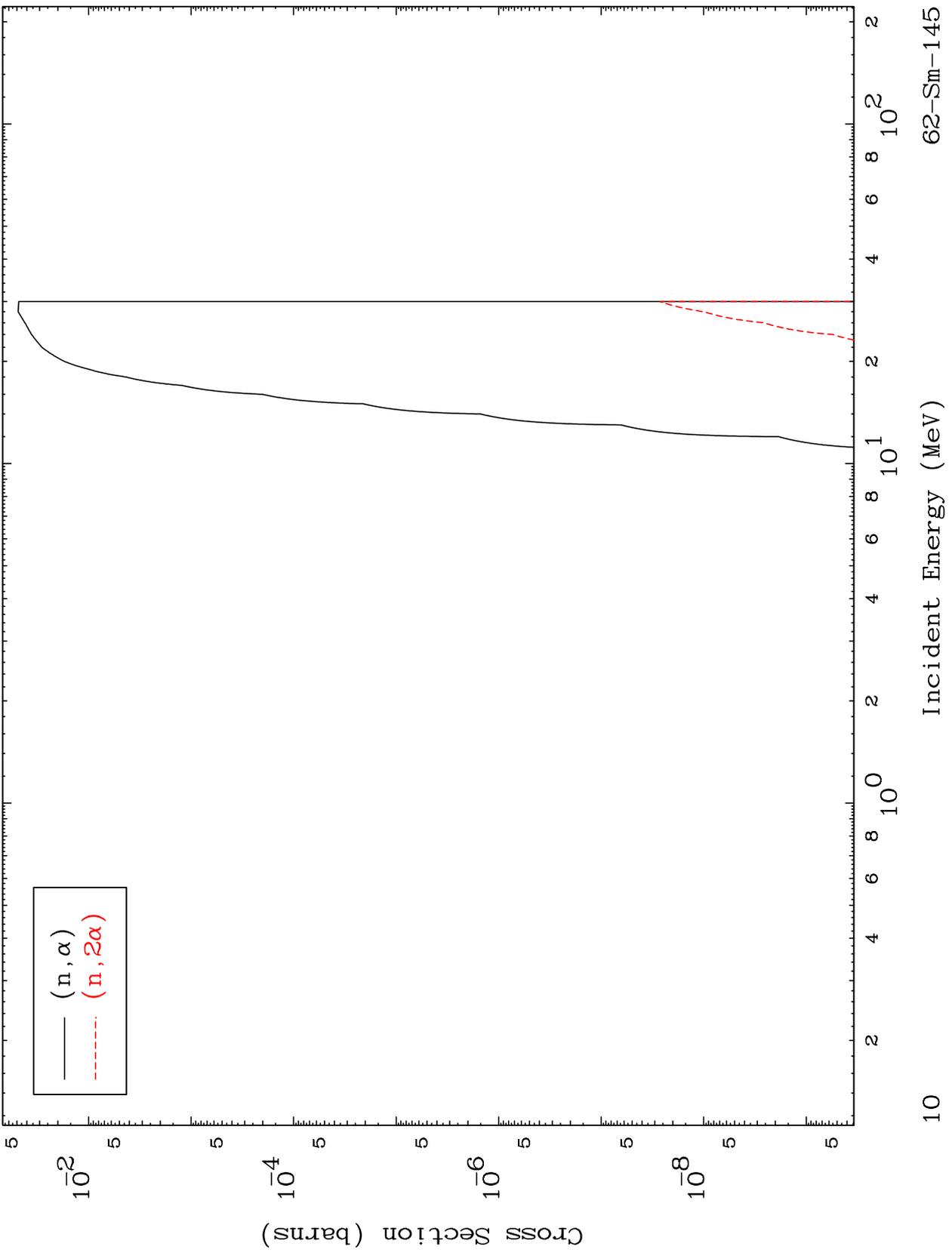


MAT 6228

(α, α) Levels

62-Sm-145

0 Kelvin Cross Sections



10

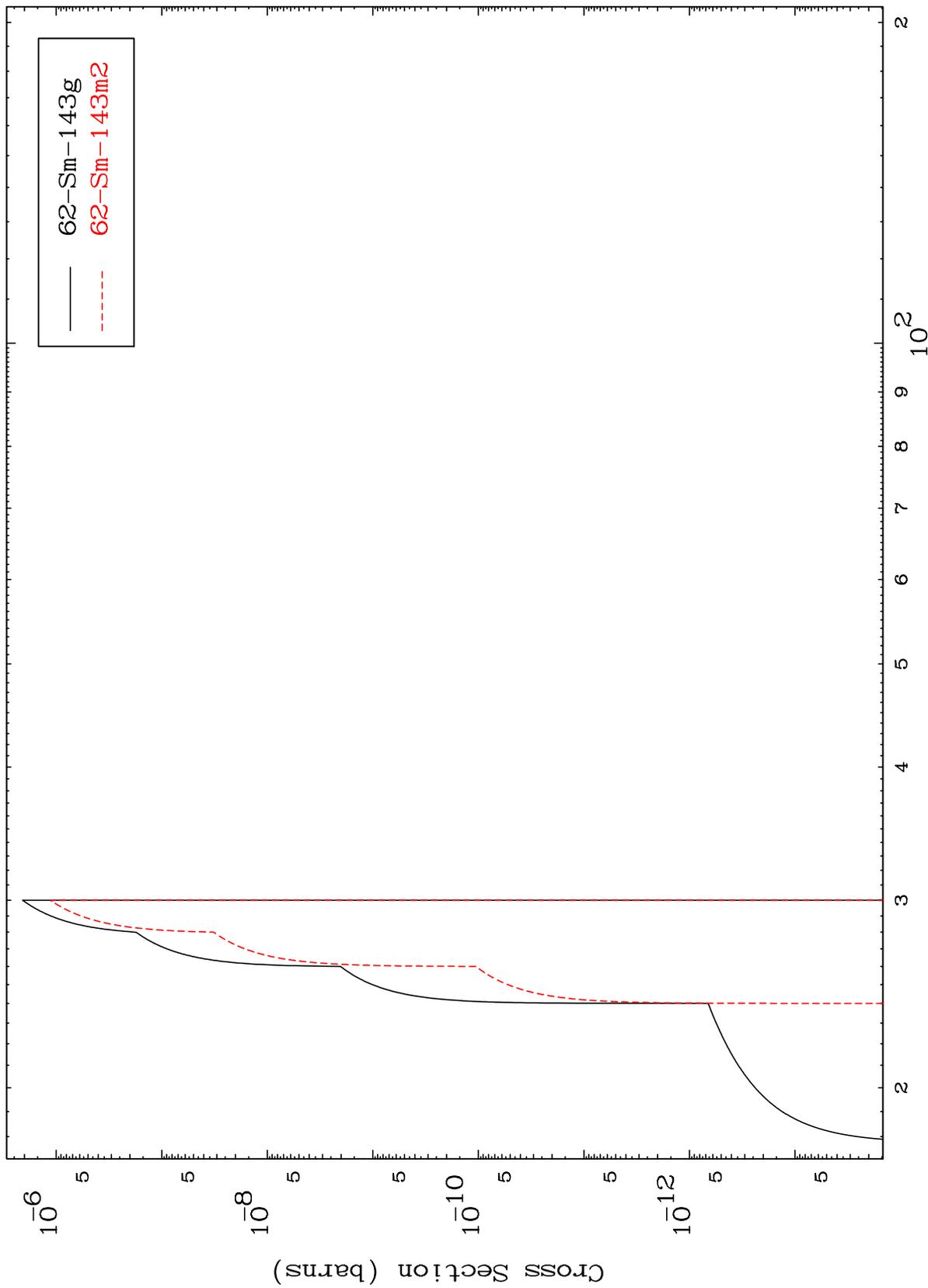
62-Sm-145

MAT 6228

62-Sm-145

(n,2n) α

Radionuclide Production Cross Section



11

Incident Energy (MeV)

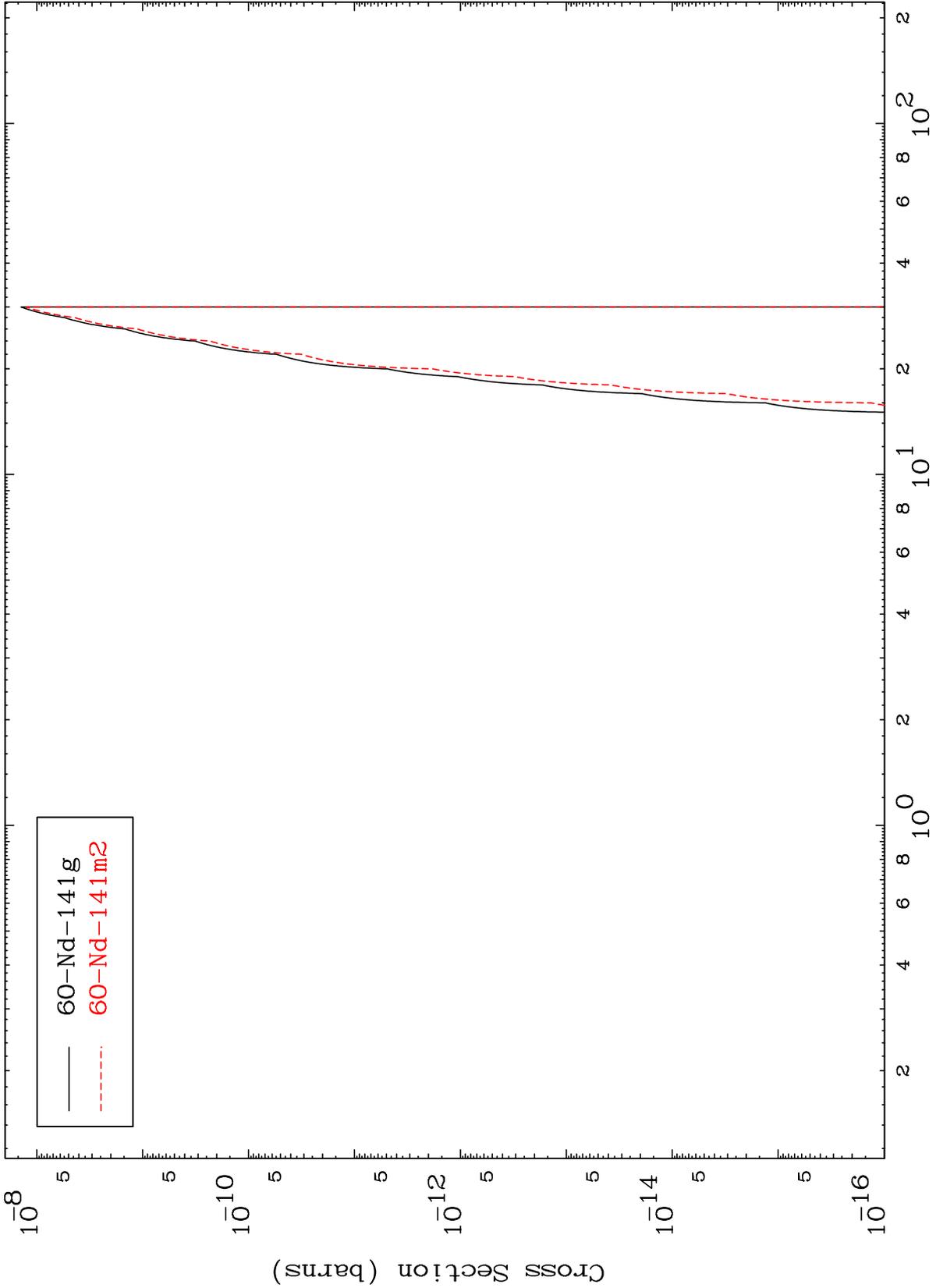
62-Sm-145

MAT 6228

(n,2α)

62-Sm-145

Radionuclide Production Cross Section



60-Nd-141g
60-Nd-141m2

12

Incident Energy (MeV)

62-Sm-145