

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

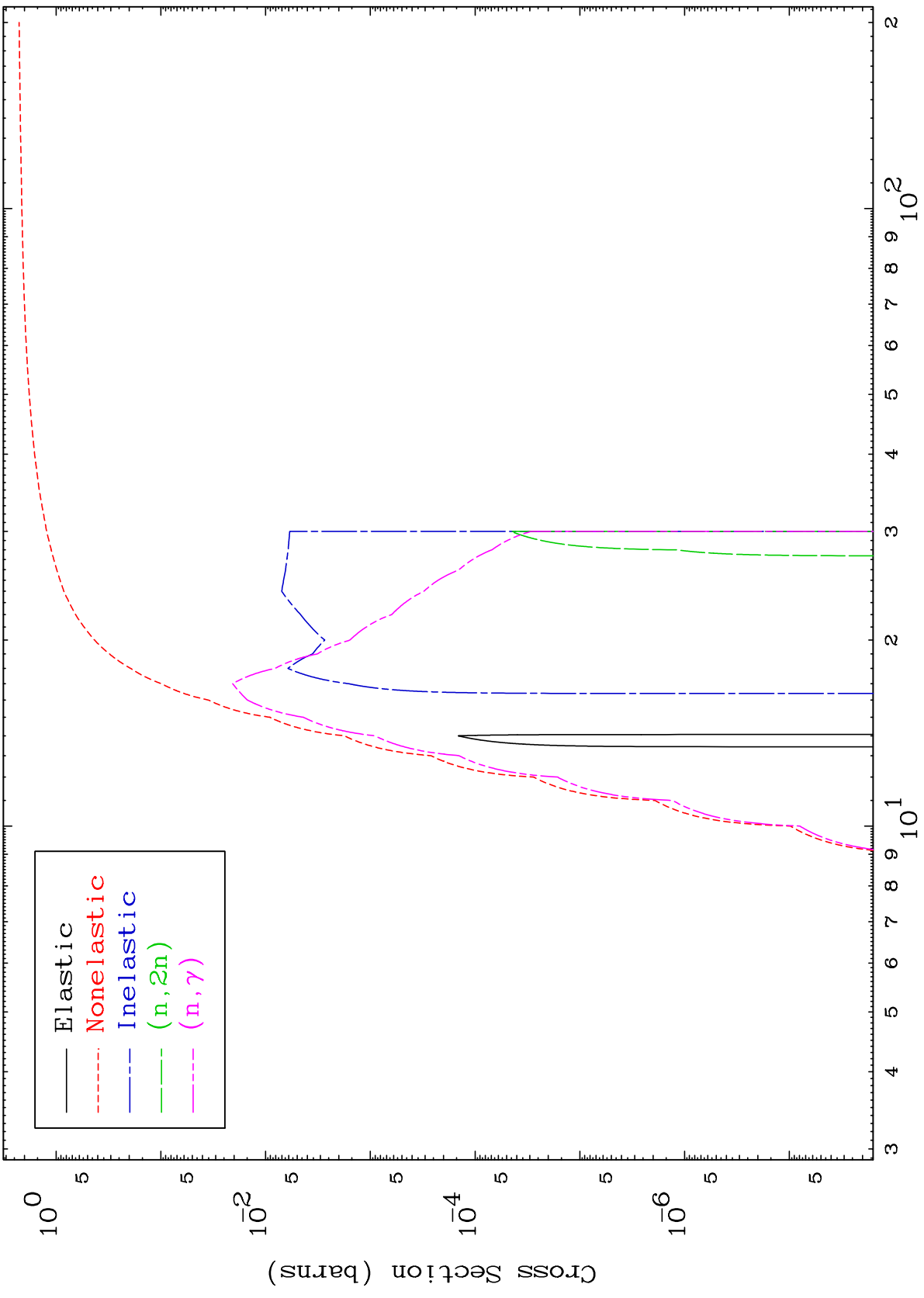
Press Mouse Button to Start

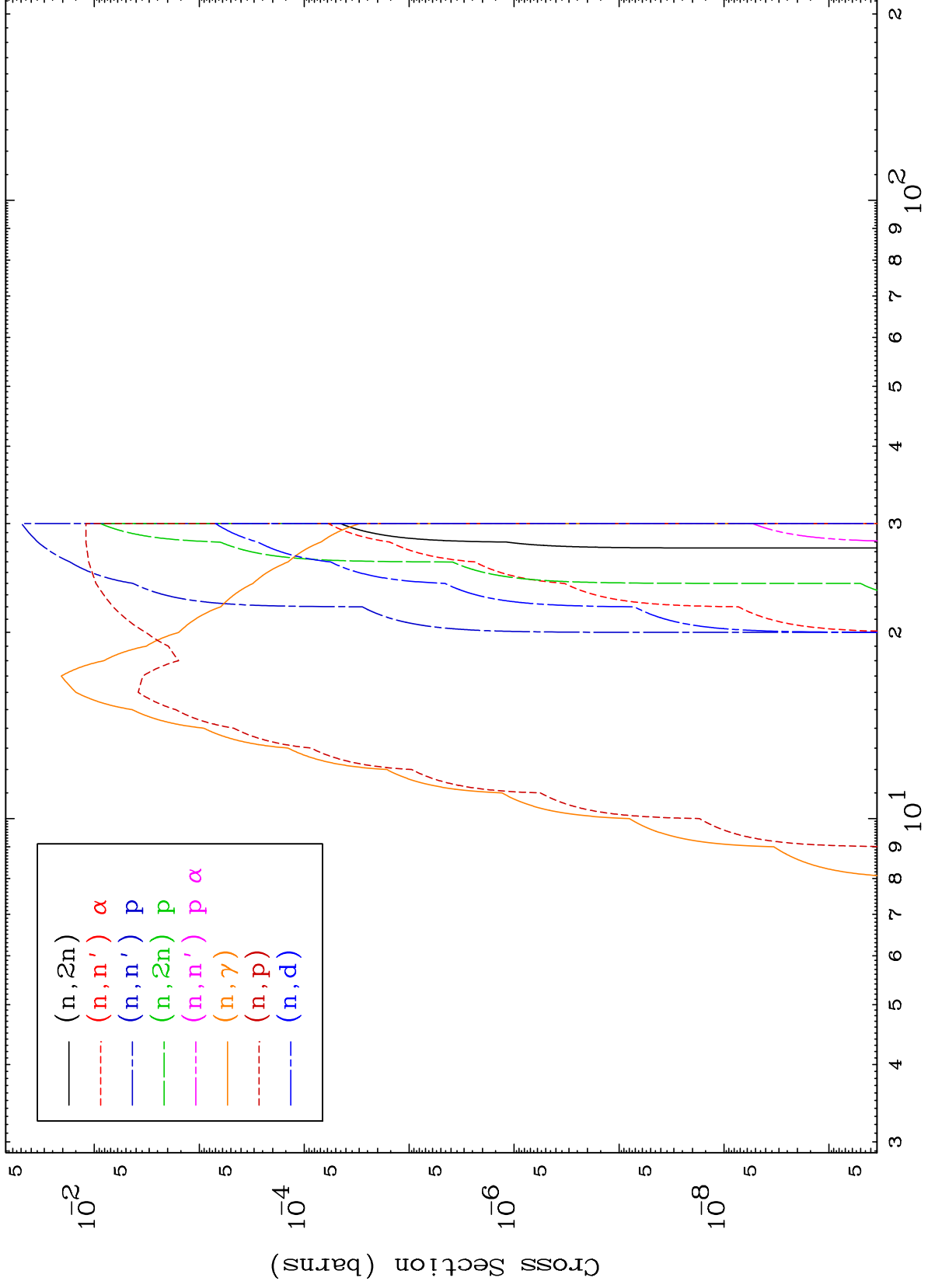
MAT 5983

α Major

60-Nd-128

0 Kelvin Cross Sections

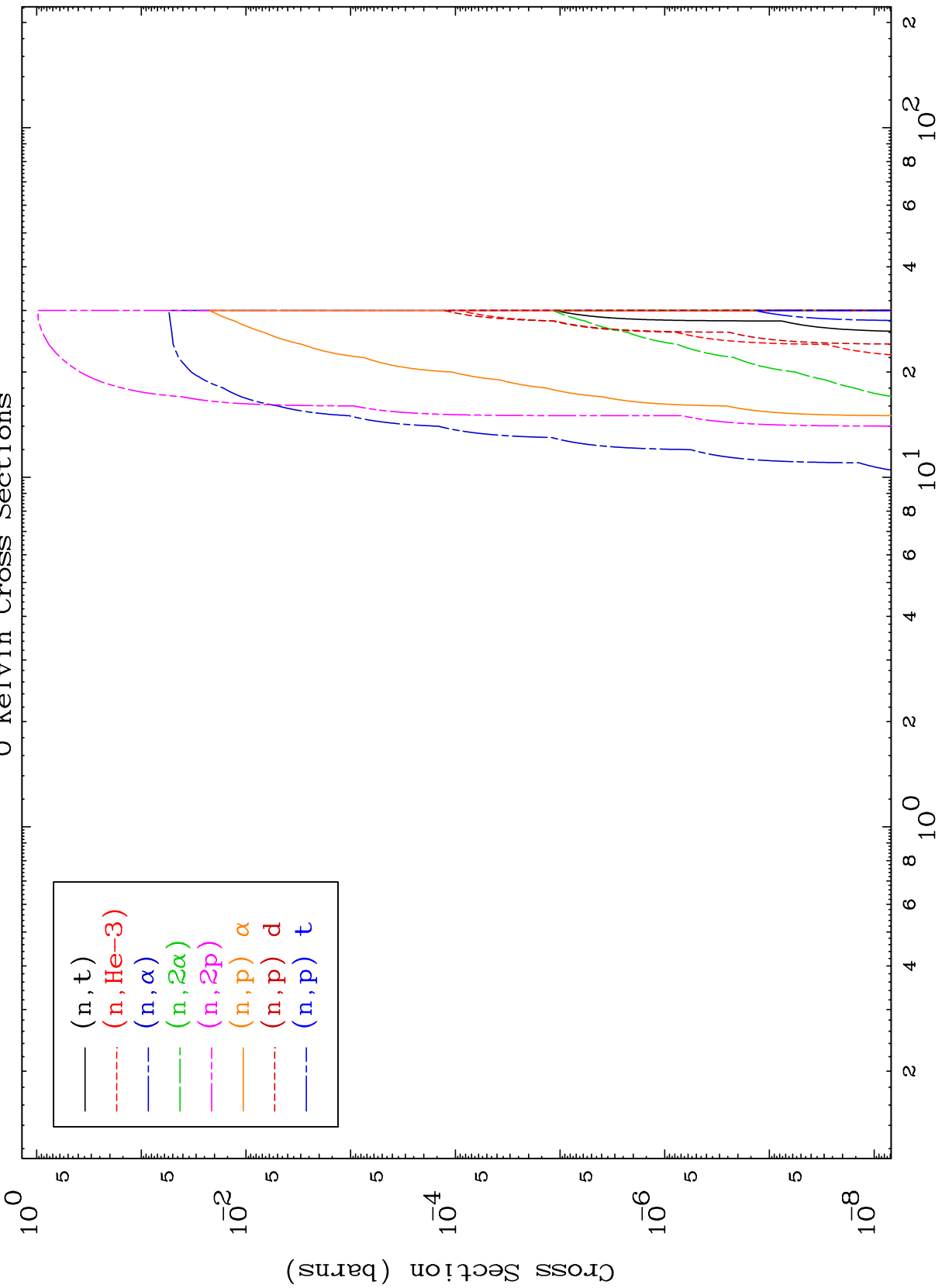




MAT 5983

α Neutron Absorption
0 Kelvin Cross Sections

60-Nd-128



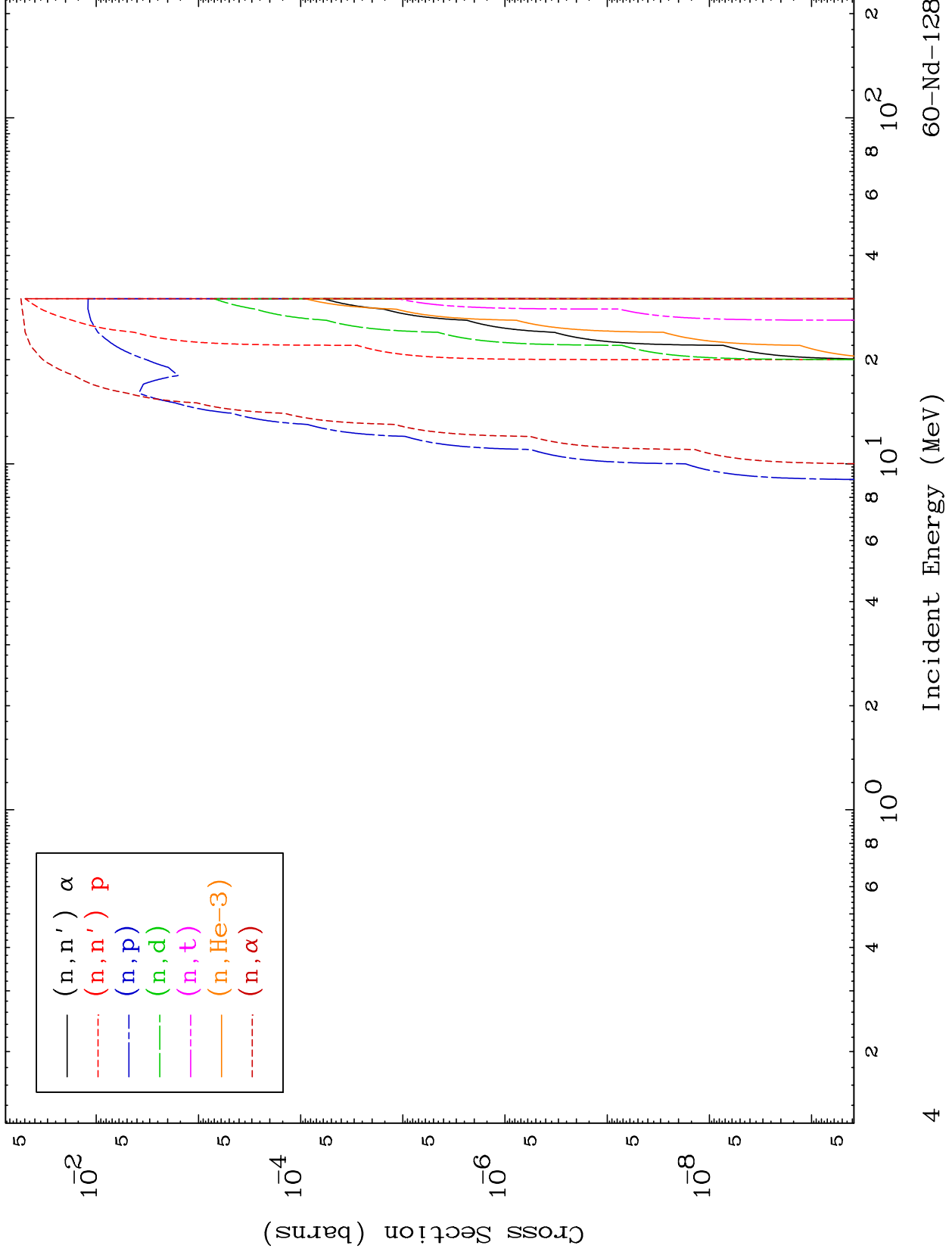
60-Nd-128

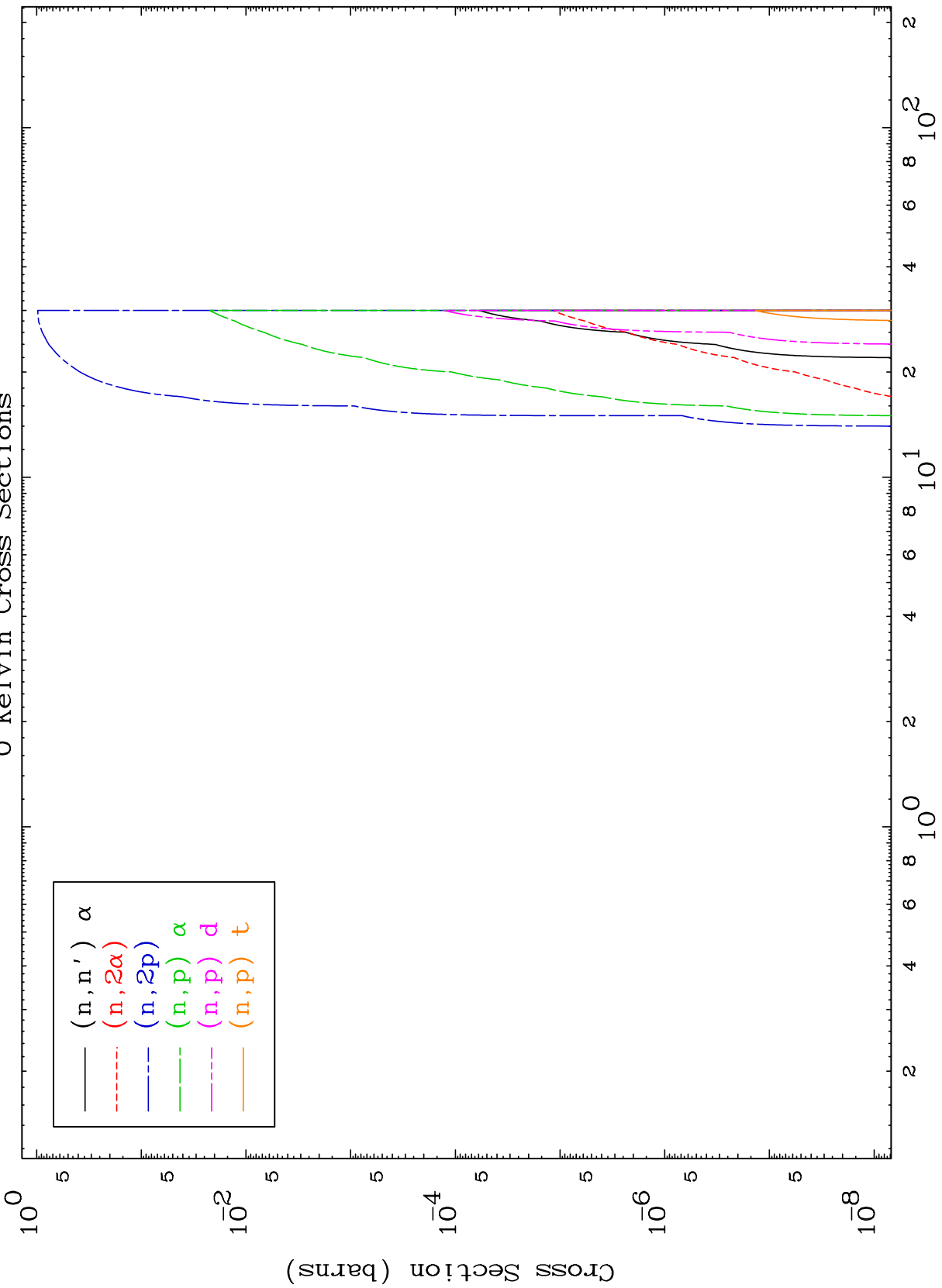
Incident Energy (MeV)

MAT 5983

α Charged Particle
0 Kelvin Cross Sections

60-Nd-128

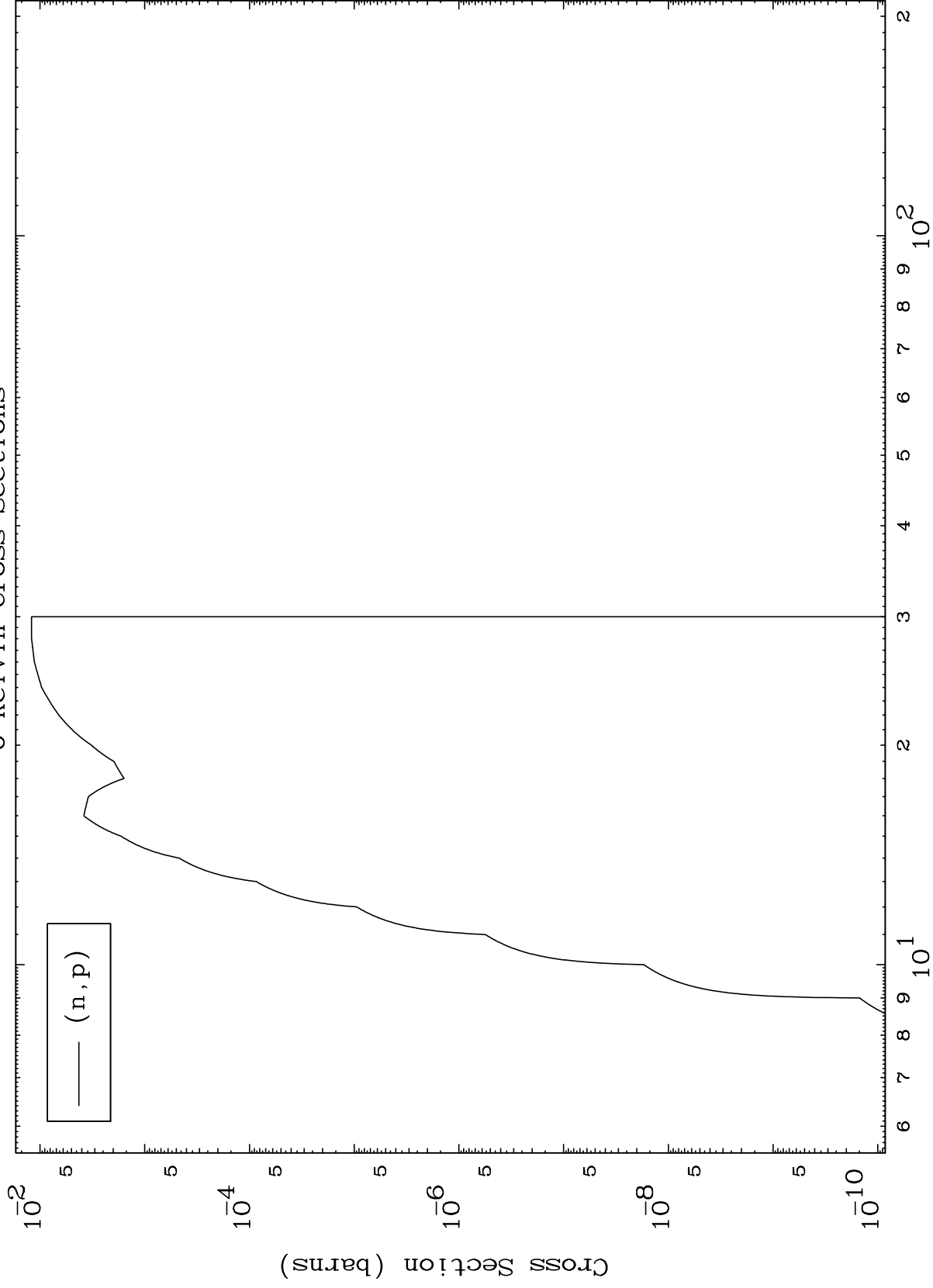




MAT 5983

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-128



6

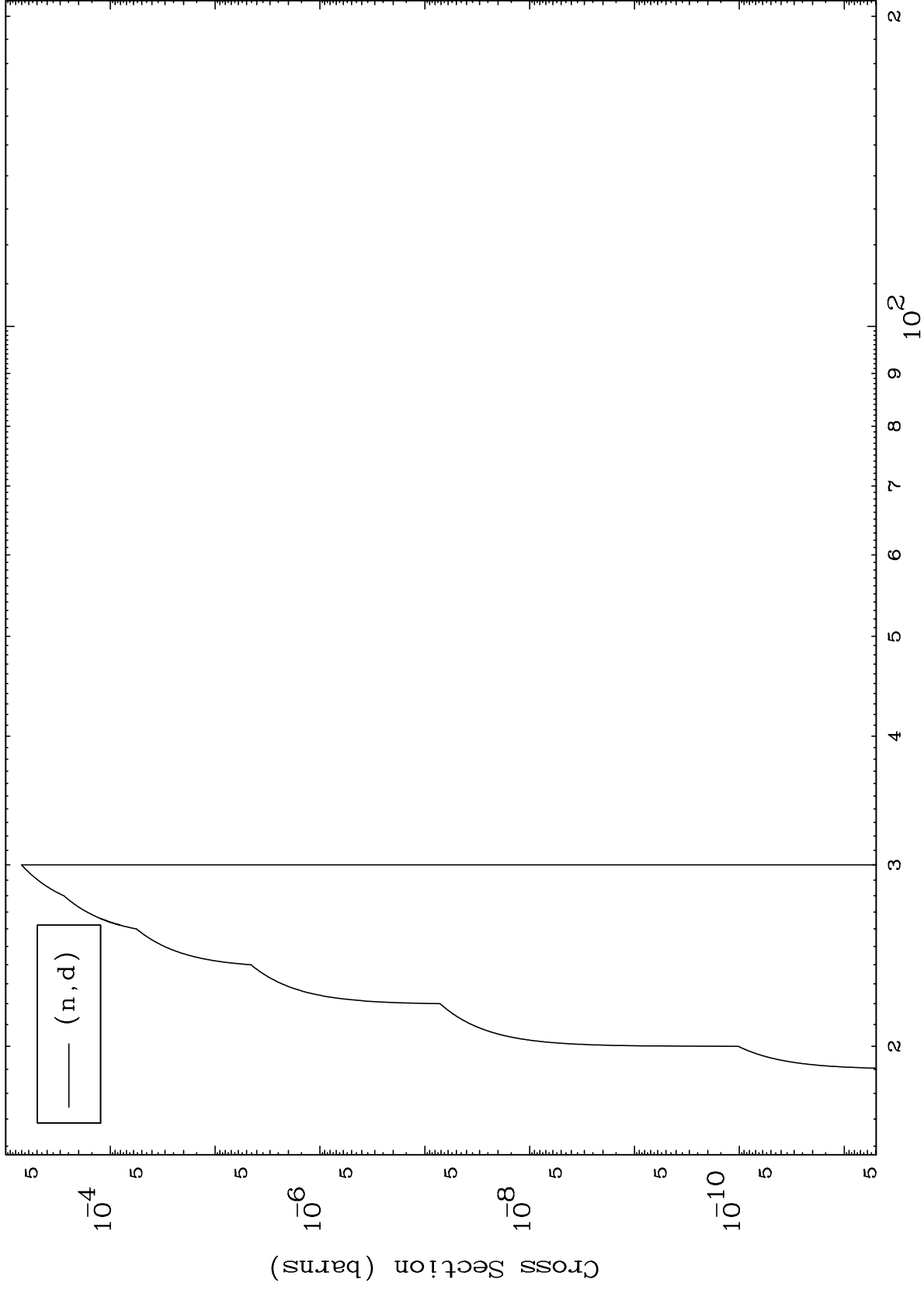
Incident Energy (MeV)

60-Nd-128

MAT 5983

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-128



7

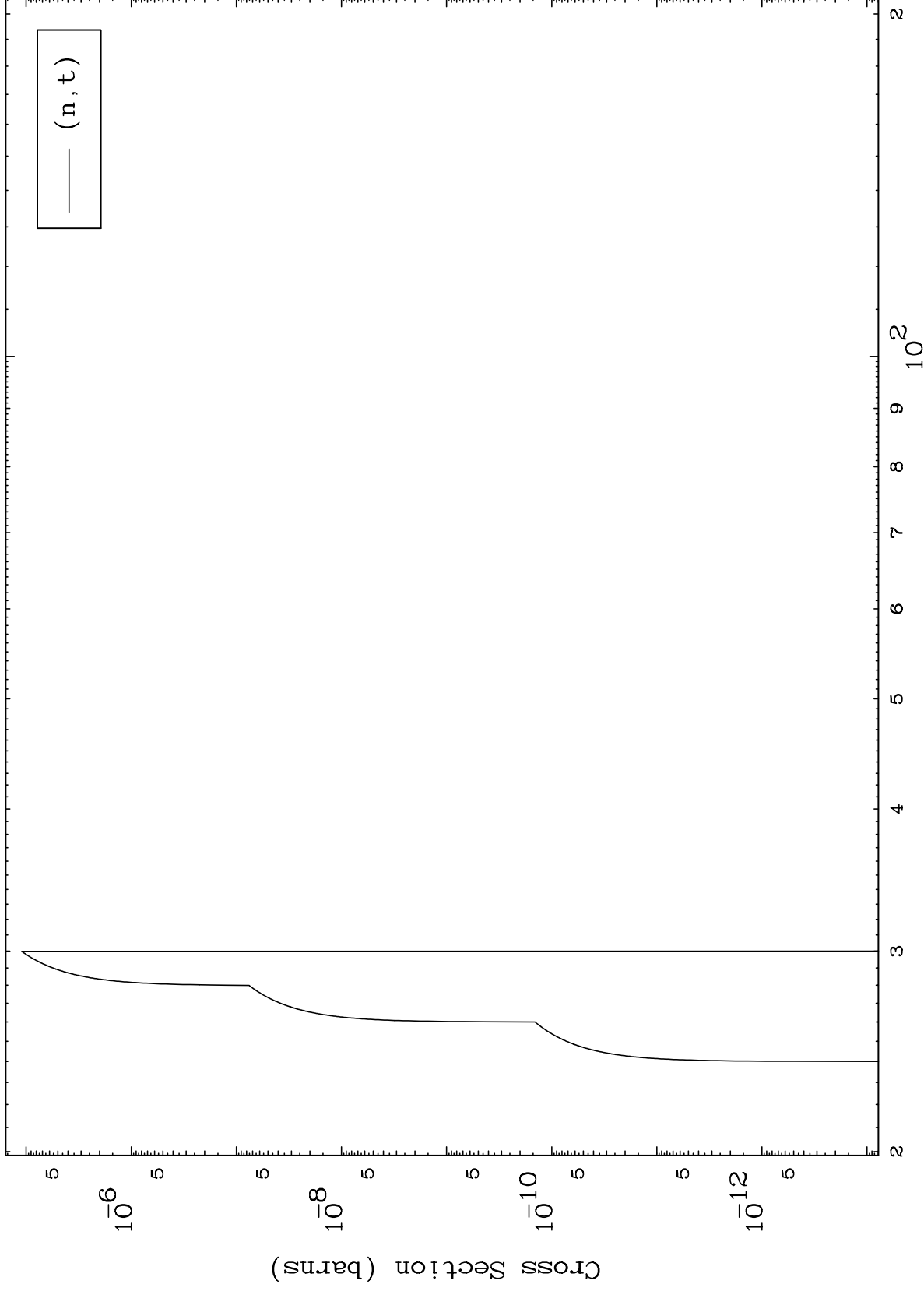
Incident Energy (MeV)

60-Nd-128

MAT 5983

(α, t) Levels
0 Kelvin Cross Sections

60-Nd-128



60-Nd-128

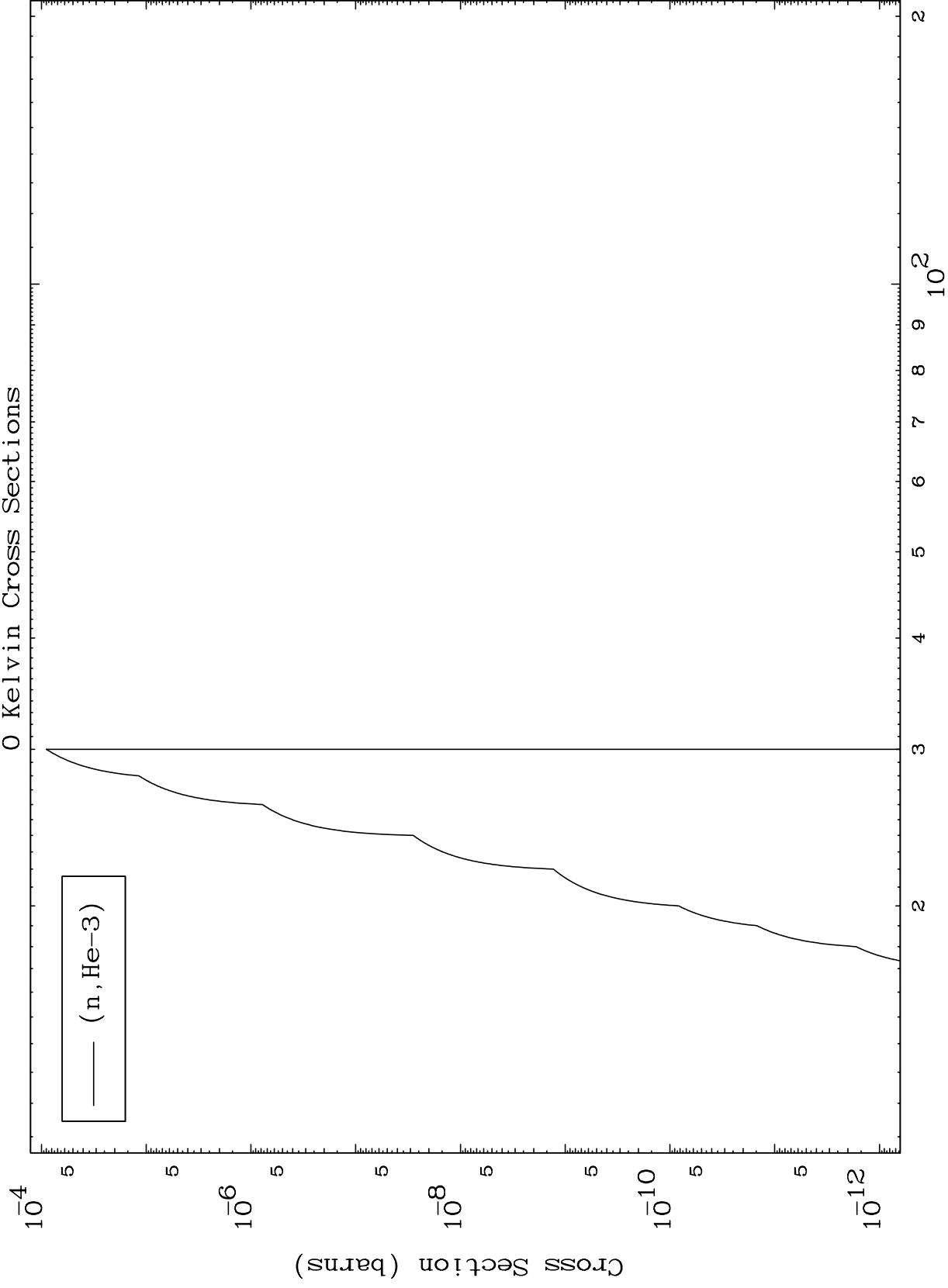
Incident Energy (MeV)

8

MAT 5983

60-Nd-128

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



60-Nd-128

Incident Energy (MeV)

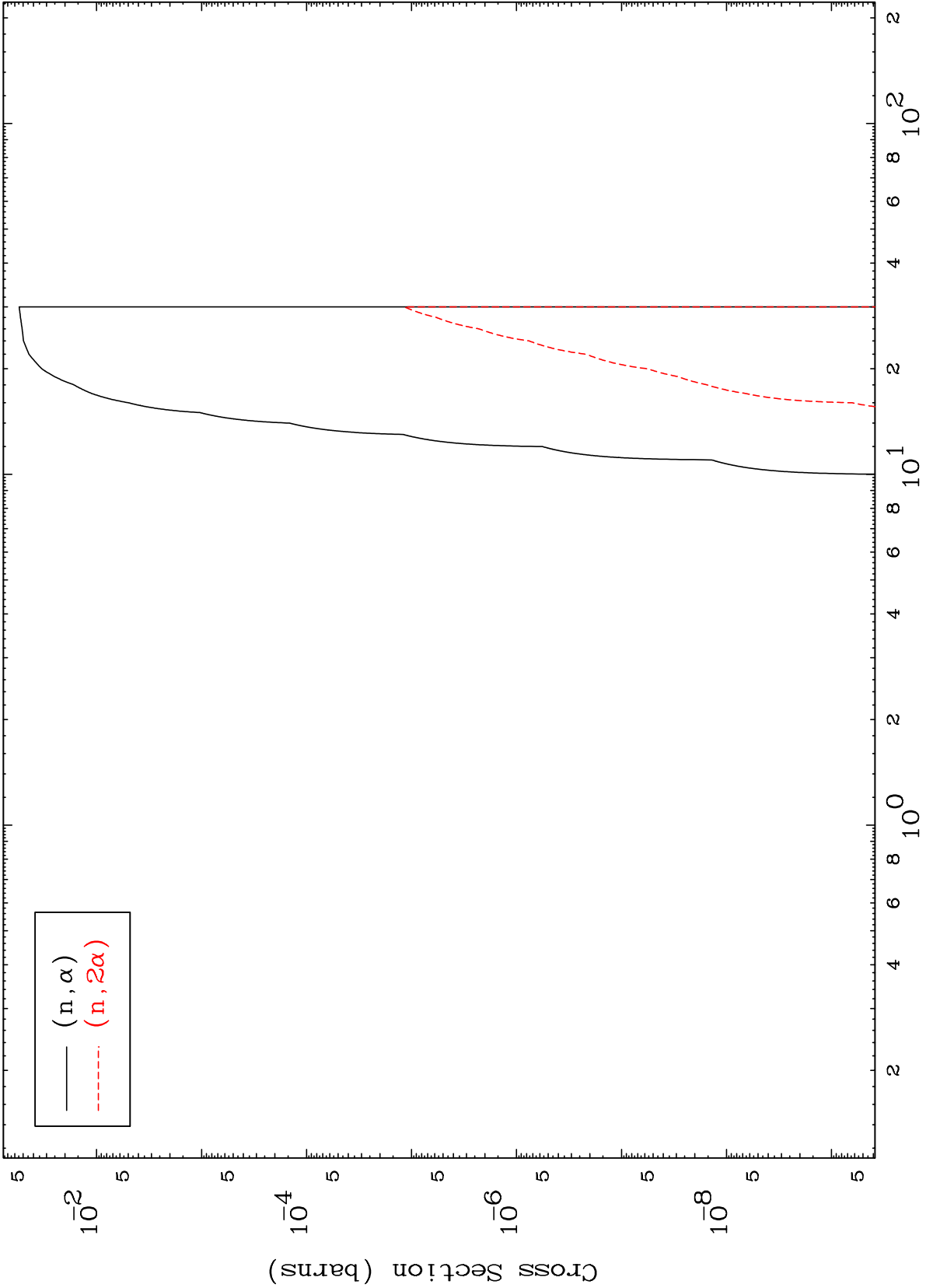
9

MAT 5983

(α, α) Levels

60-Nd-128

0 Kelvin Cross Sections



10

Incident Energy (MeV)

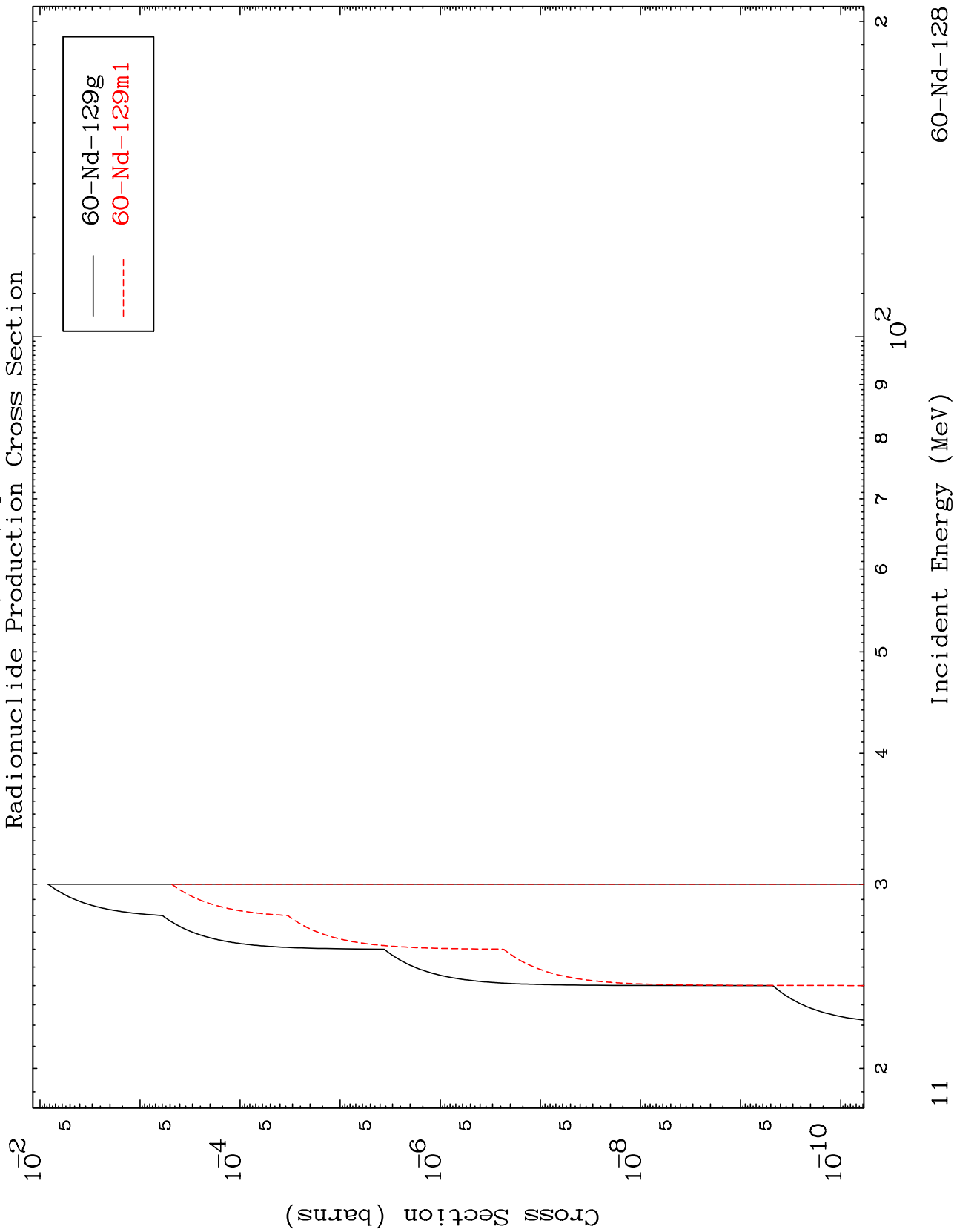
60-Nd-128

MAT 5983

(n,2n) p

60-Nd-128

Radionuclide Production Cross Section



11

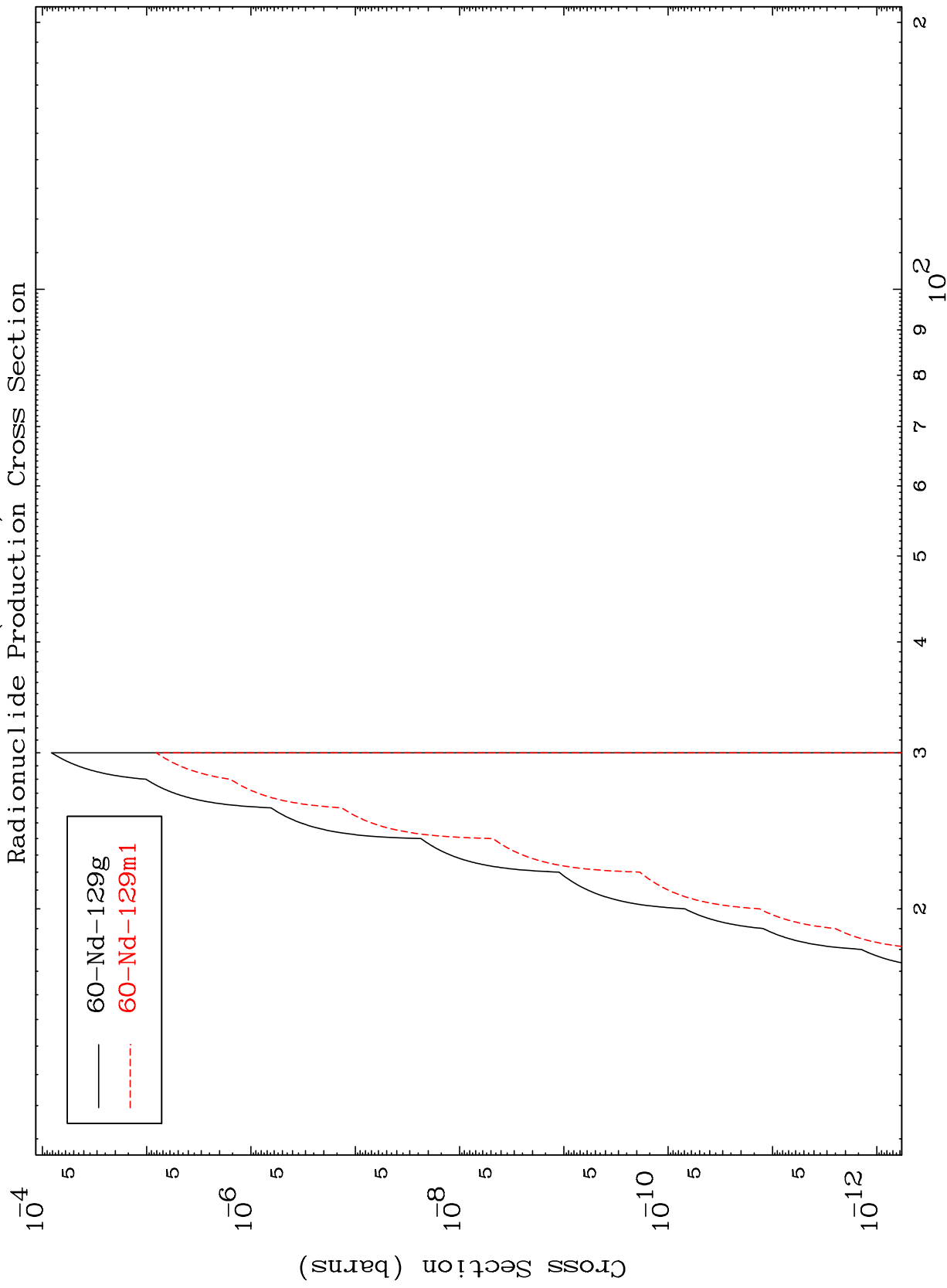
60-Nd-128

MAT 5983

(n,He-3)

60-Nd-128

Radionuclide Production Cross Section



12

Incident Energy (MeV)

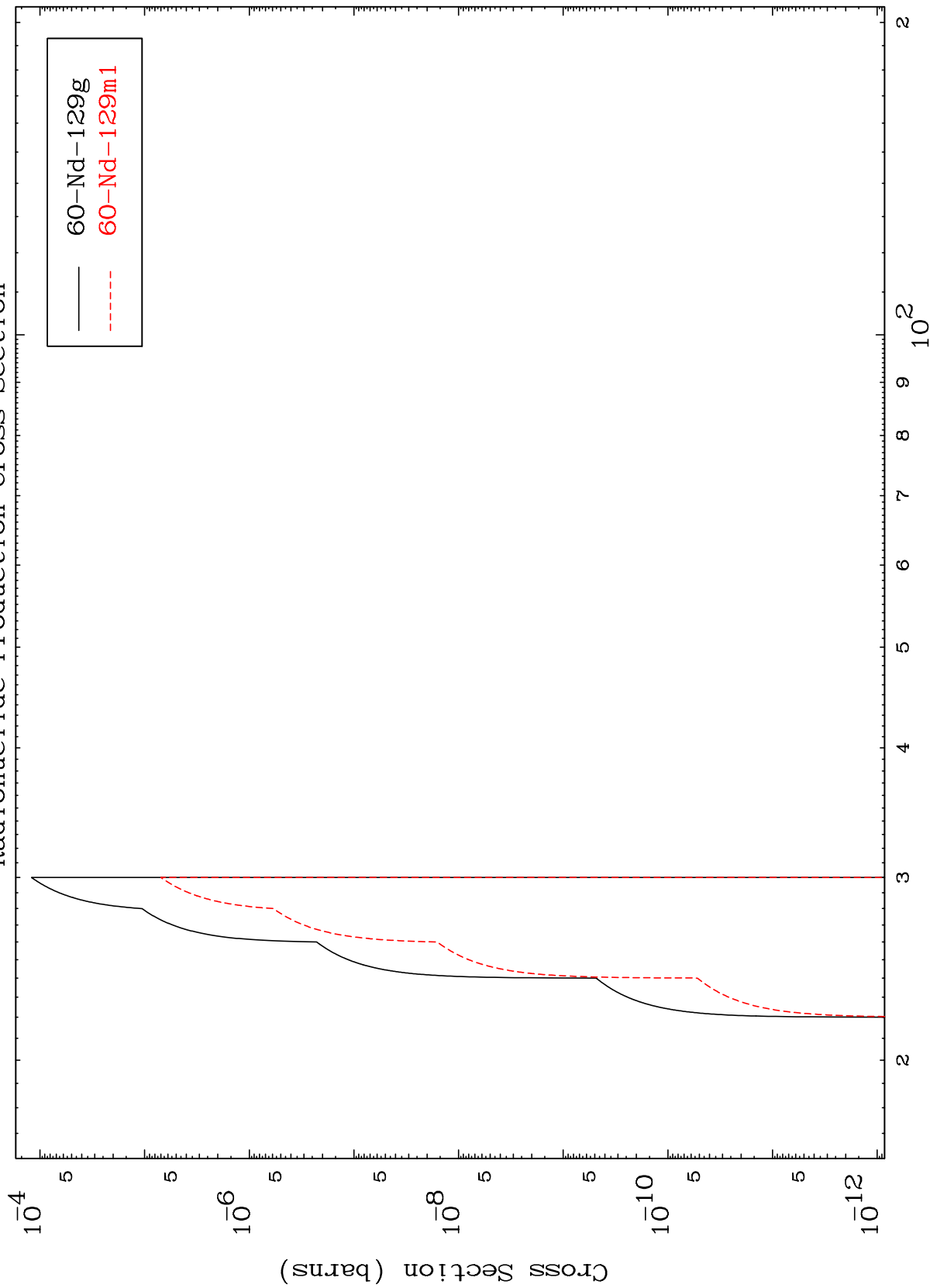
60-Nd-128

MAT 5983

(n,p) d

⁶⁰Nd-128

Radionuclide Production Cross Section



13

Incident Energy (MeV)

⁶⁰Nd-128