

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

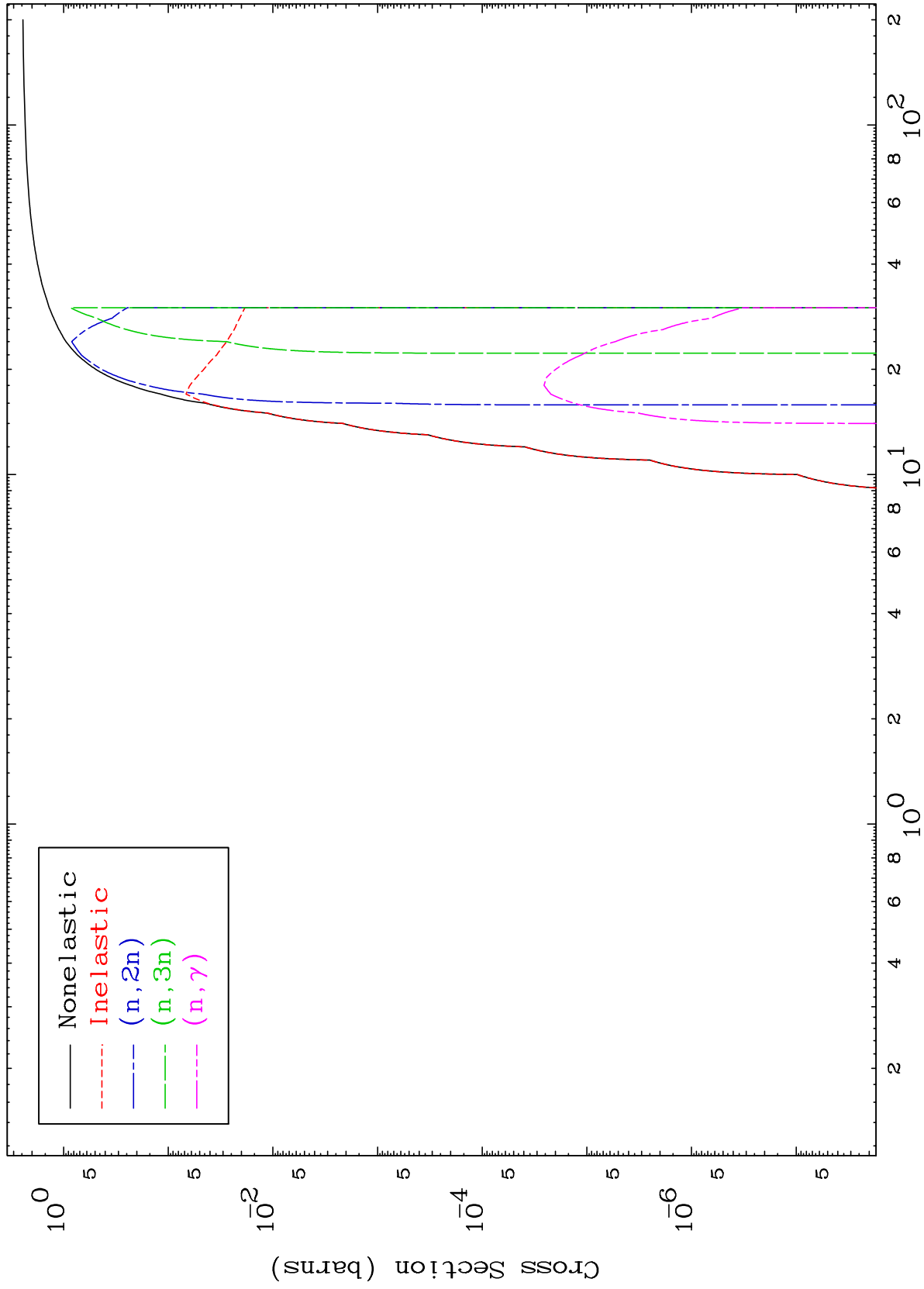
Press Mouse Button to Start

MAT 6246

0 Kelvin

α Major Cross Sections

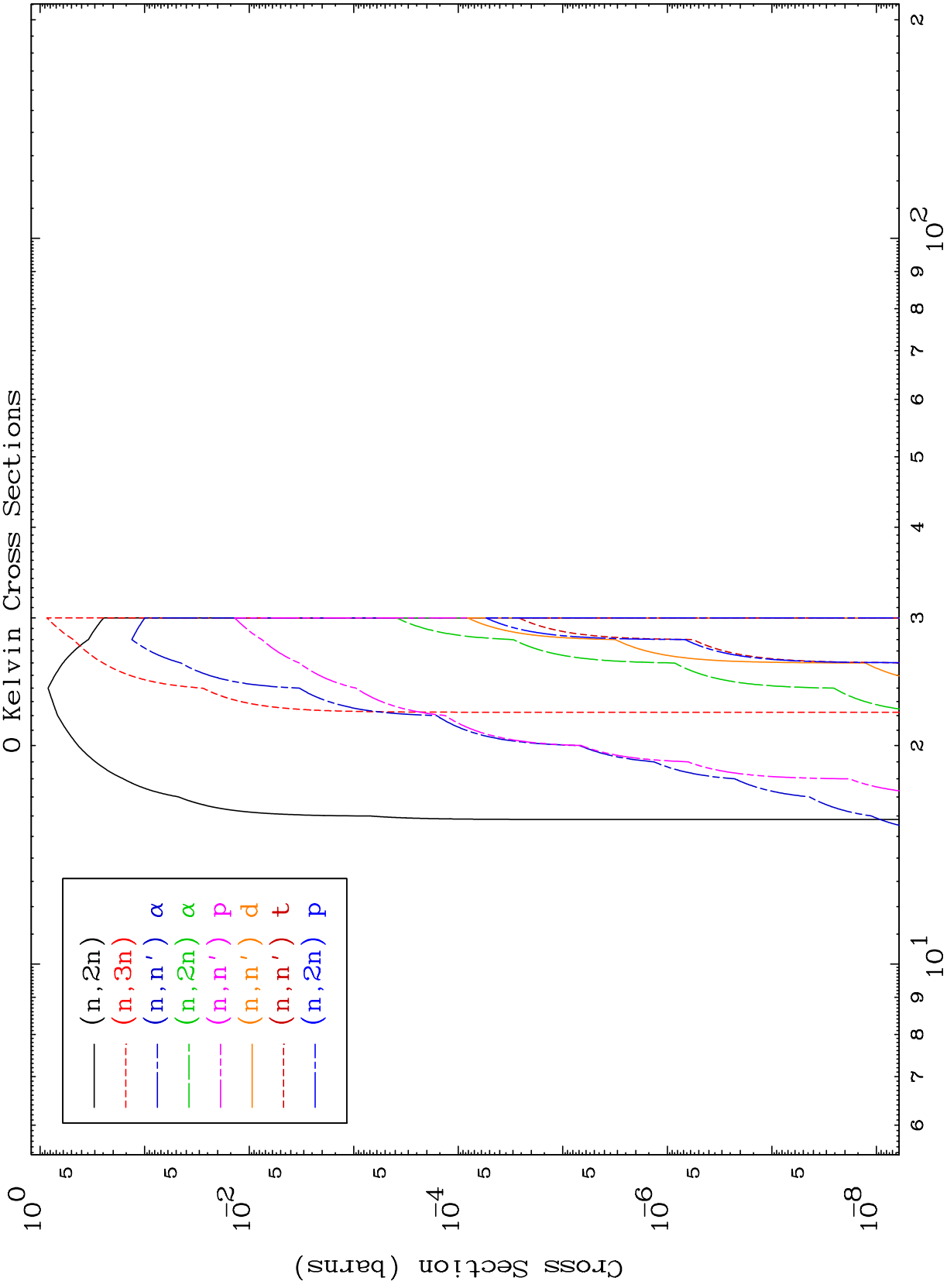
62-Sm-151



MAT 6246

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-151



2

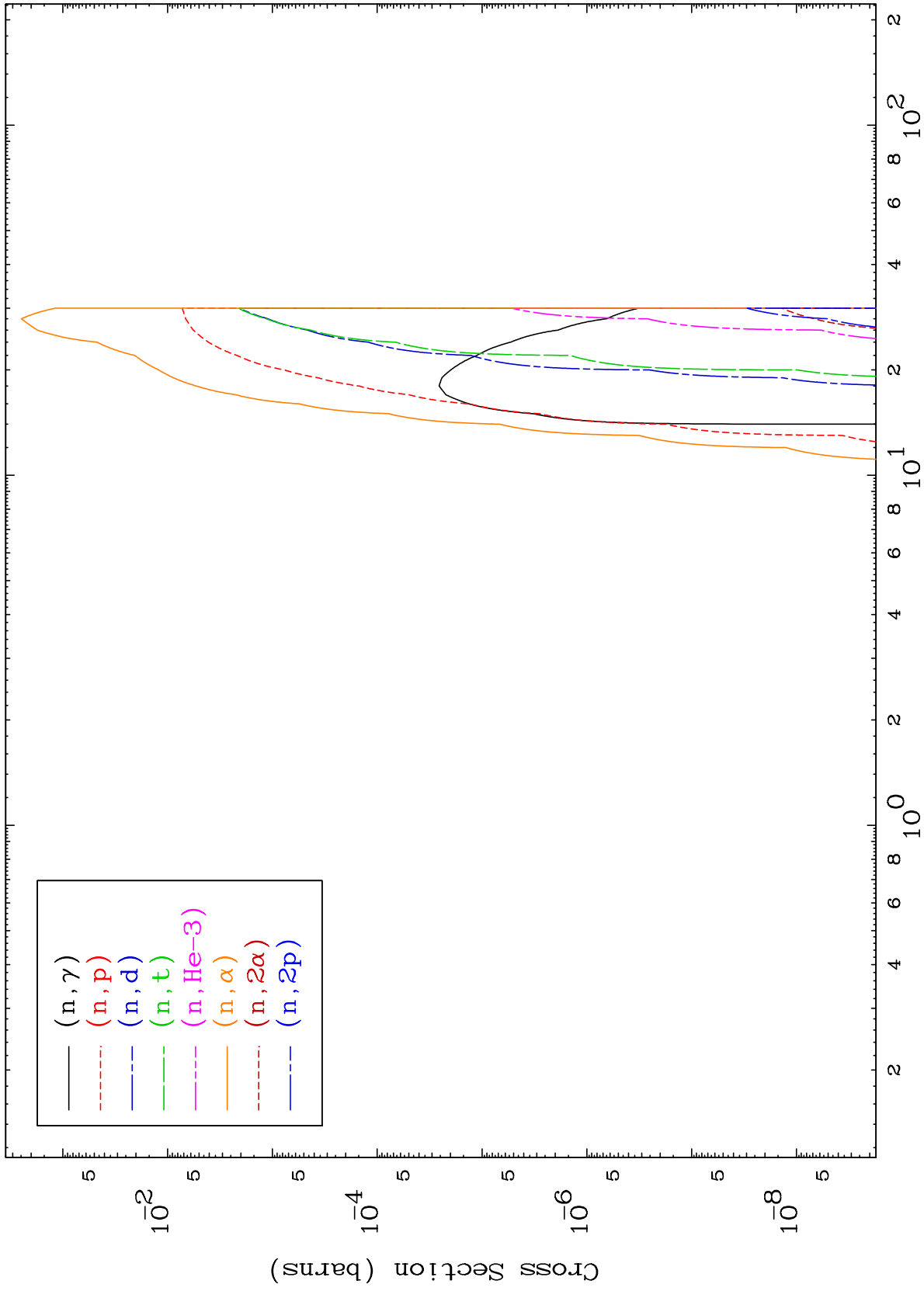
Incident Energy (MeV)

62-Sm-151

MAT 6246

α Neutron Absorption
0 Kelvin Cross Sections

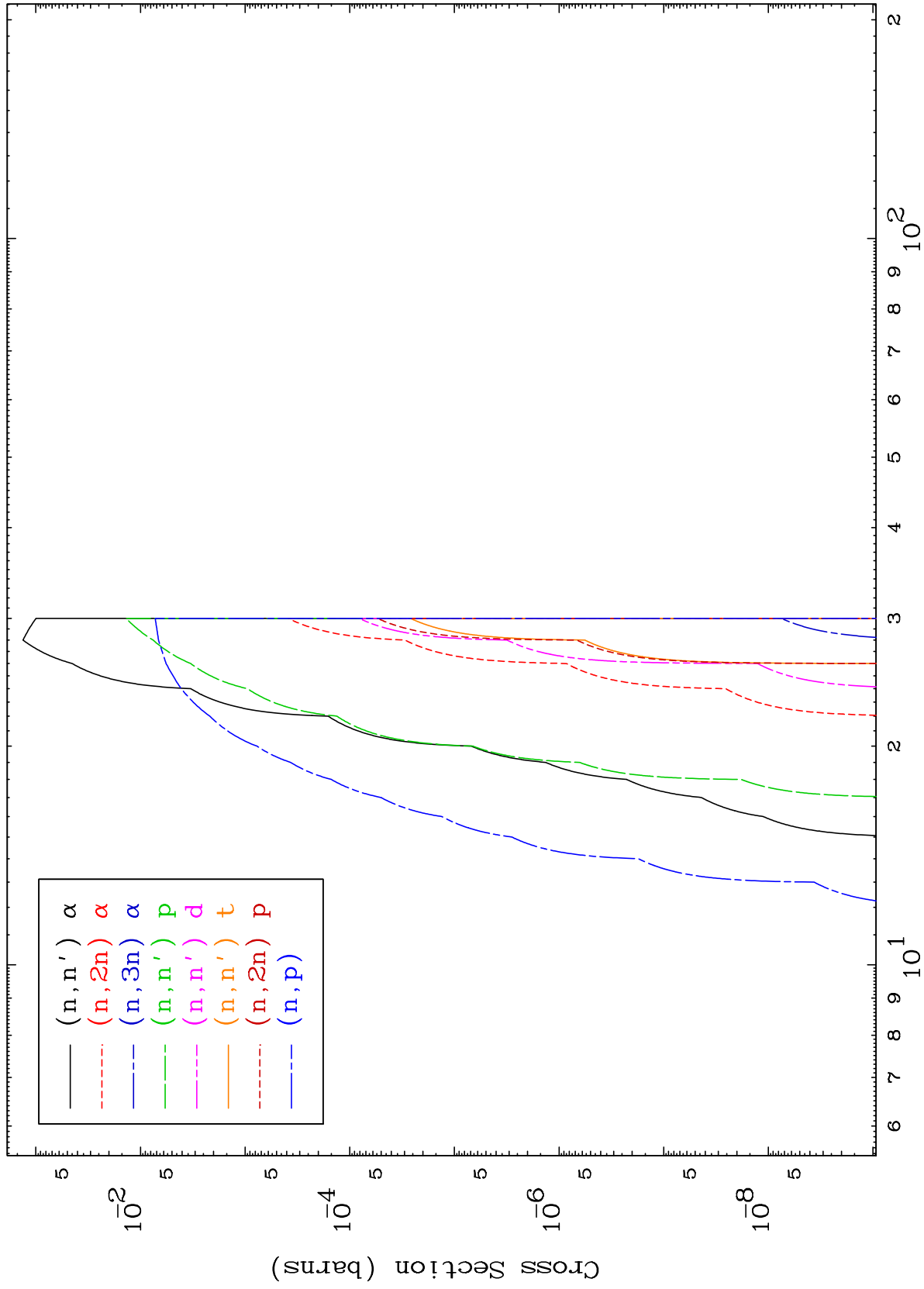
62-Sm-151

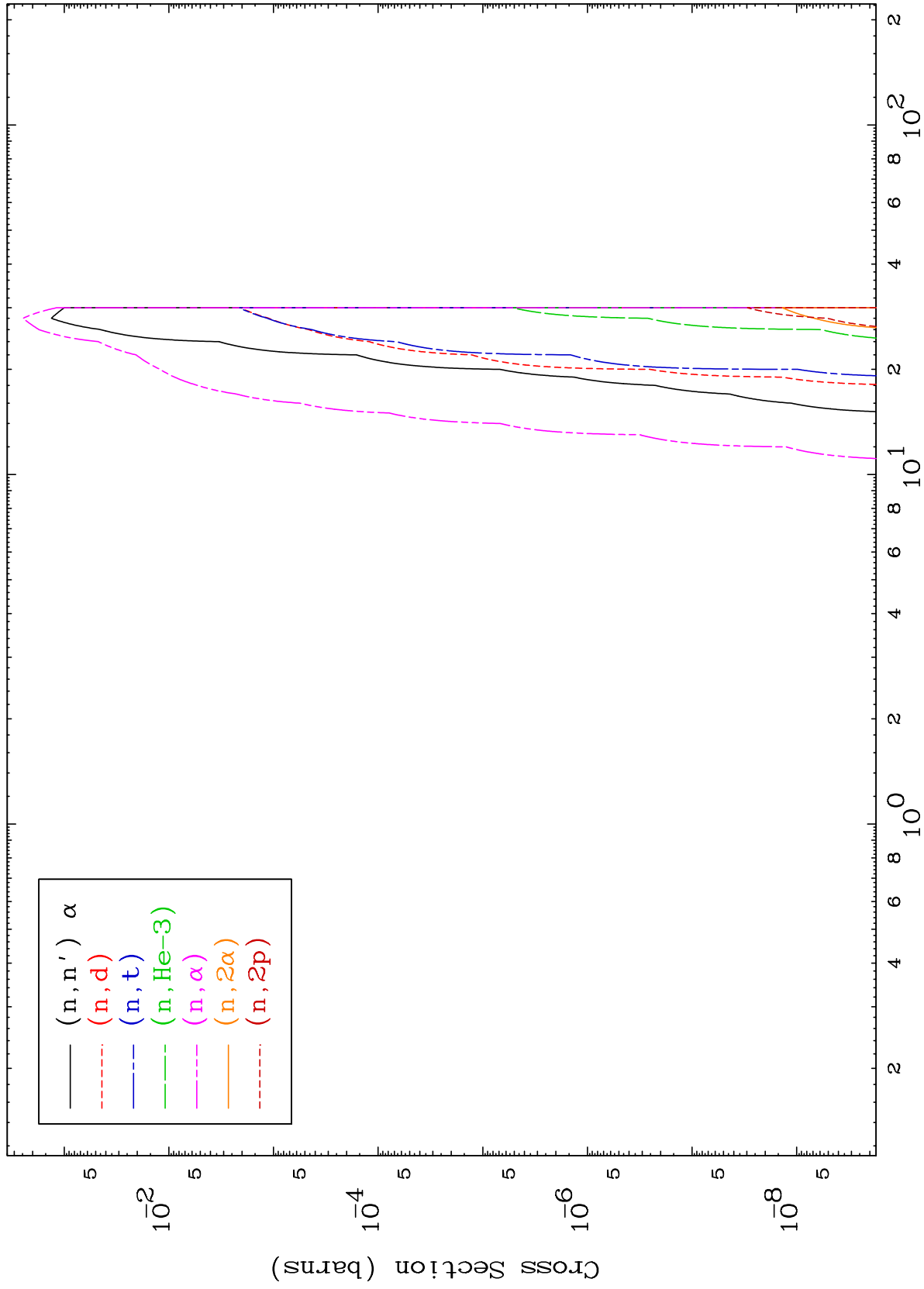


3

Incident Energy (MeV)

62-Sm-151

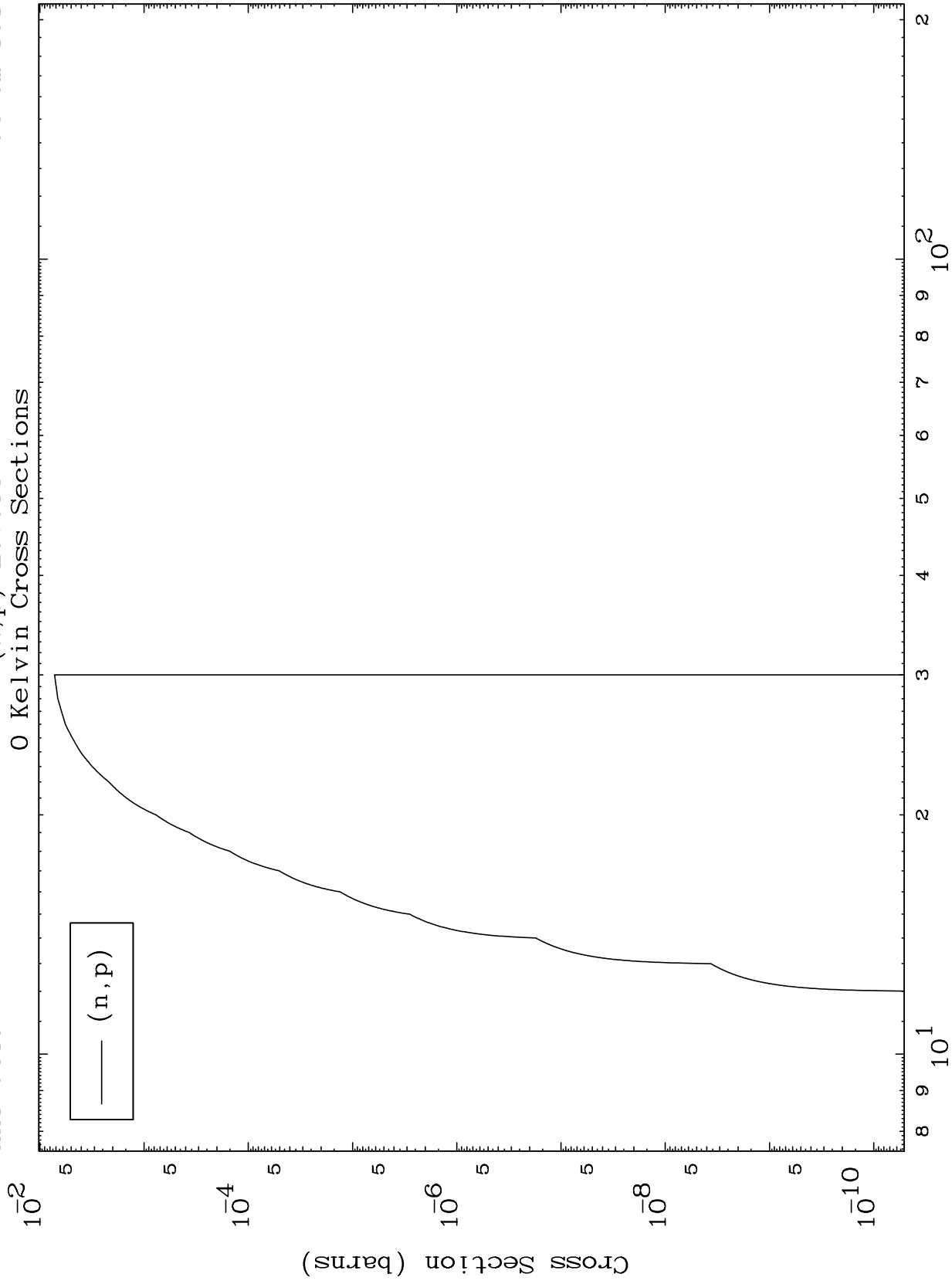




MAT 6246

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-151



6

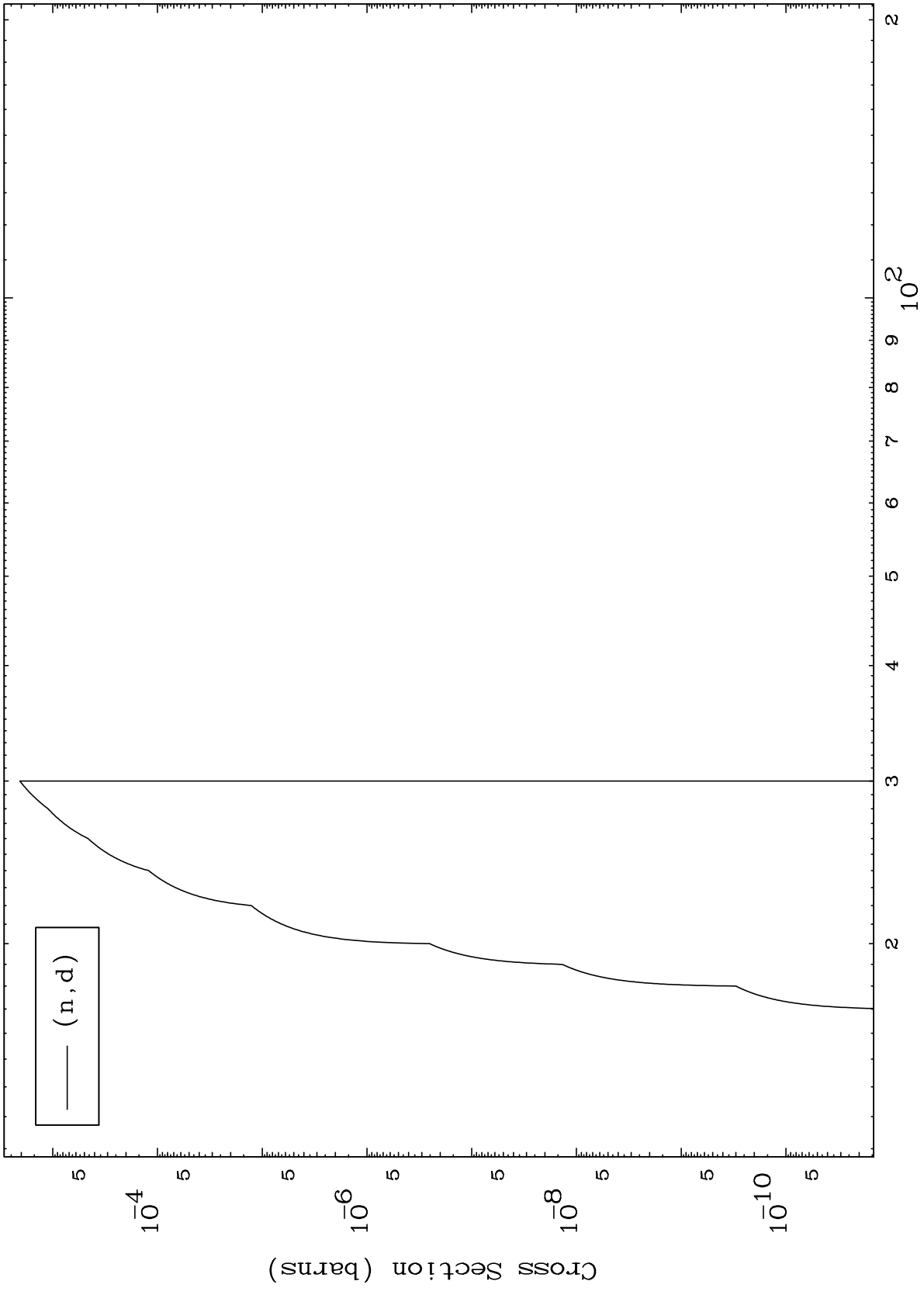
Incident Energy (MeV)

62-Sm-151

MAT 6246

(α, d) Levels
0 Kelvin Cross Sections

62-Sm-151



7

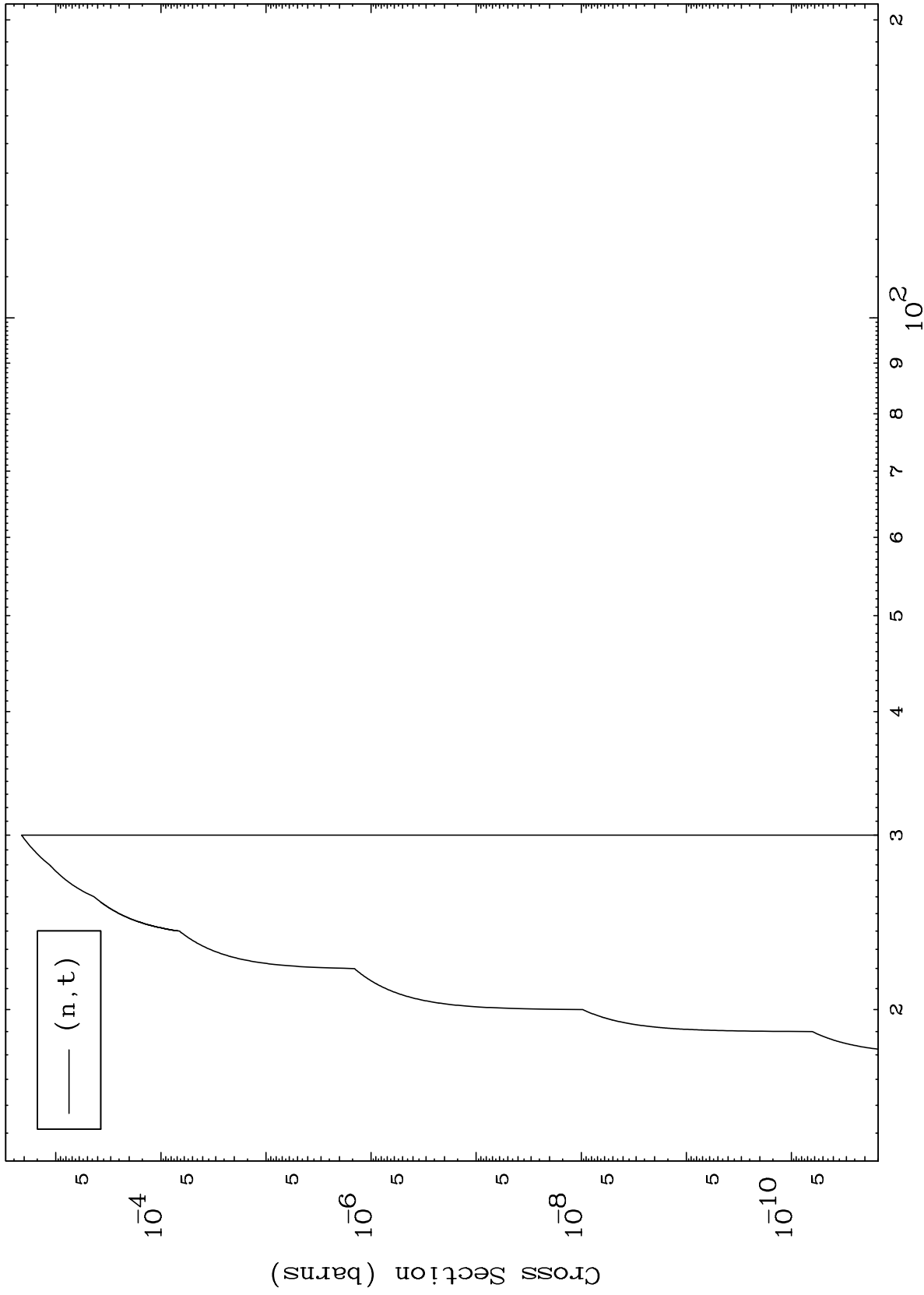
Incident Energy (MeV)

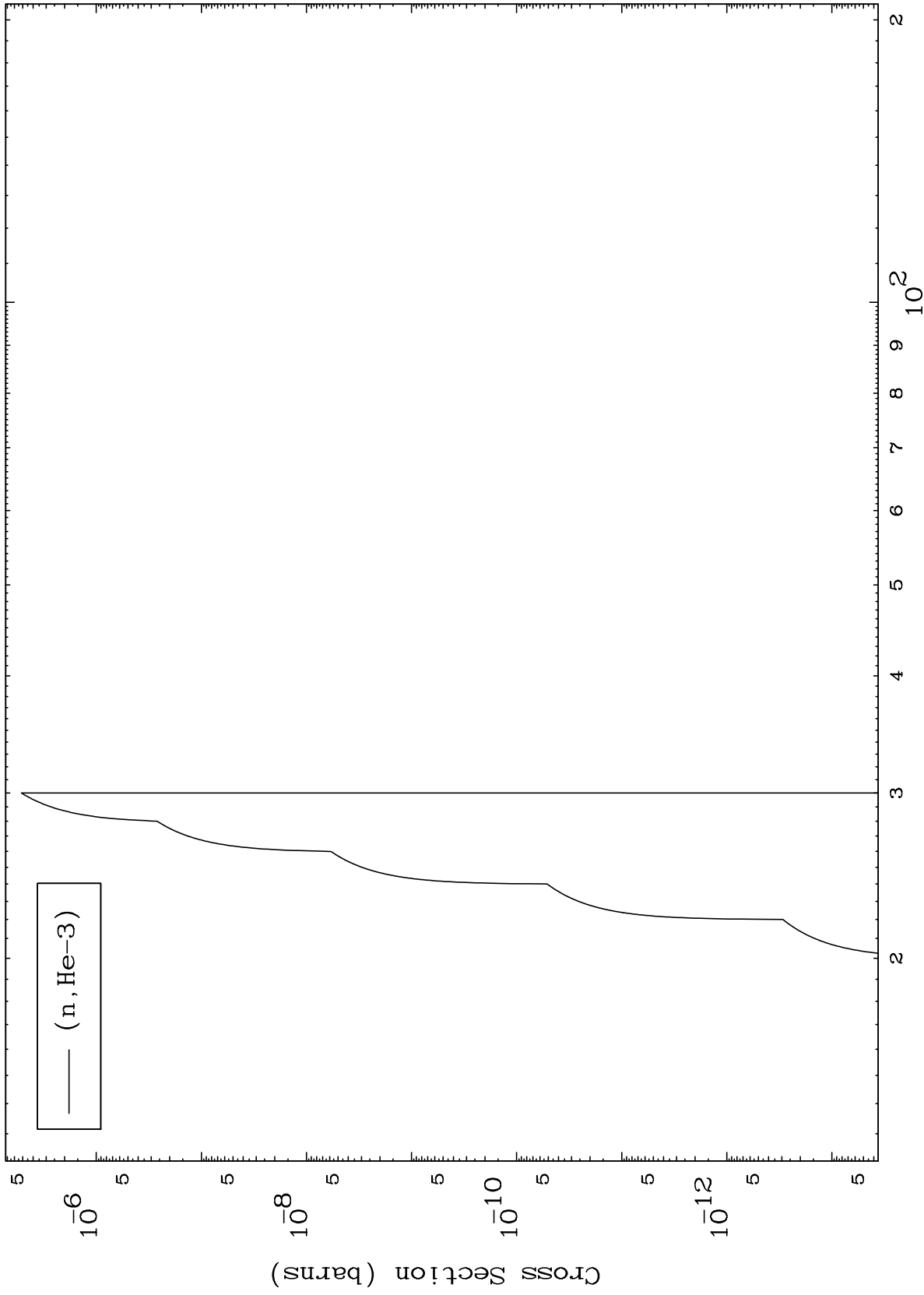
62-Sm-151

MAT 6246

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-151

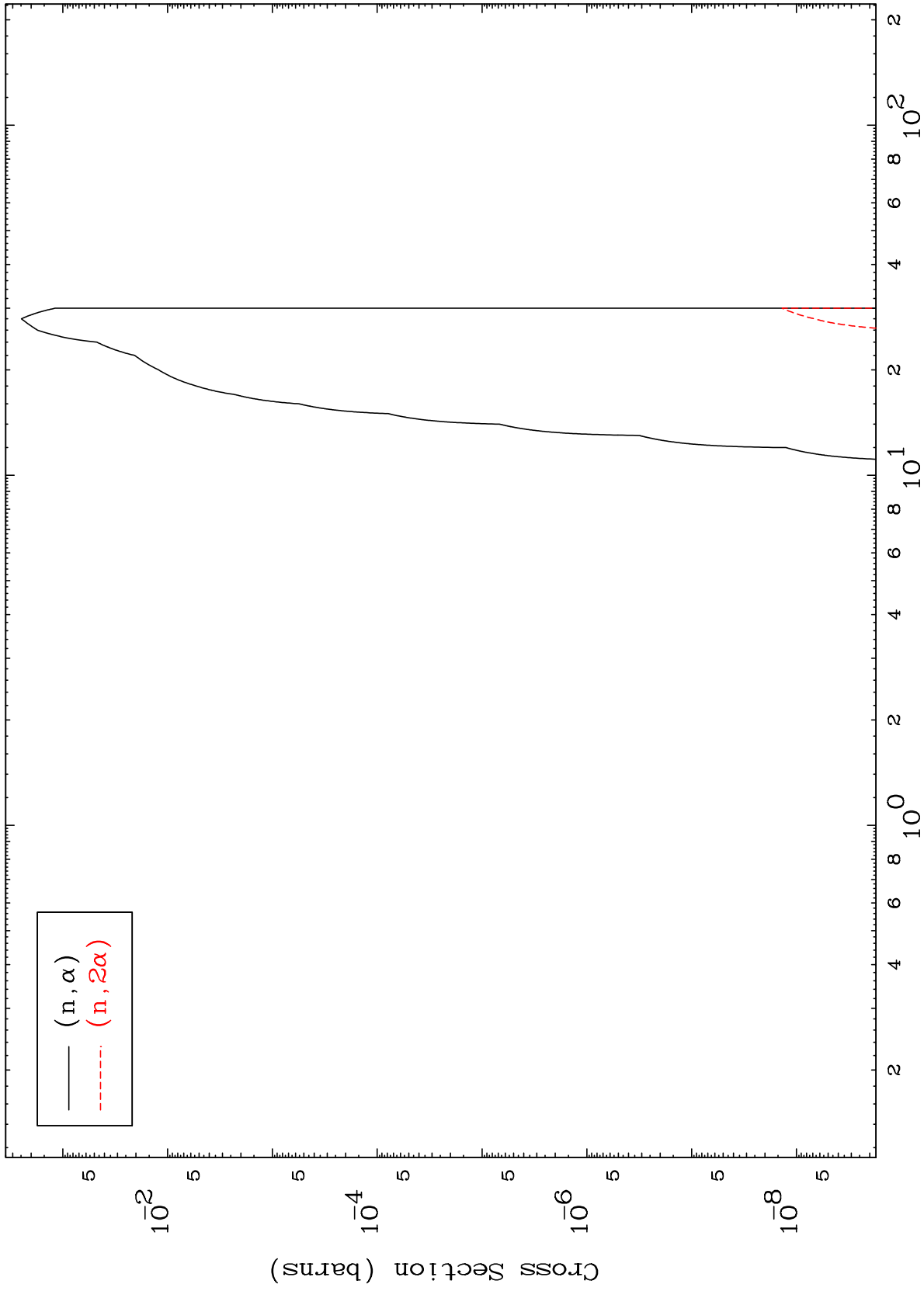




MAT 6246

(α, α) Levels
0 Kelvin Cross Sections

62-Sm-151



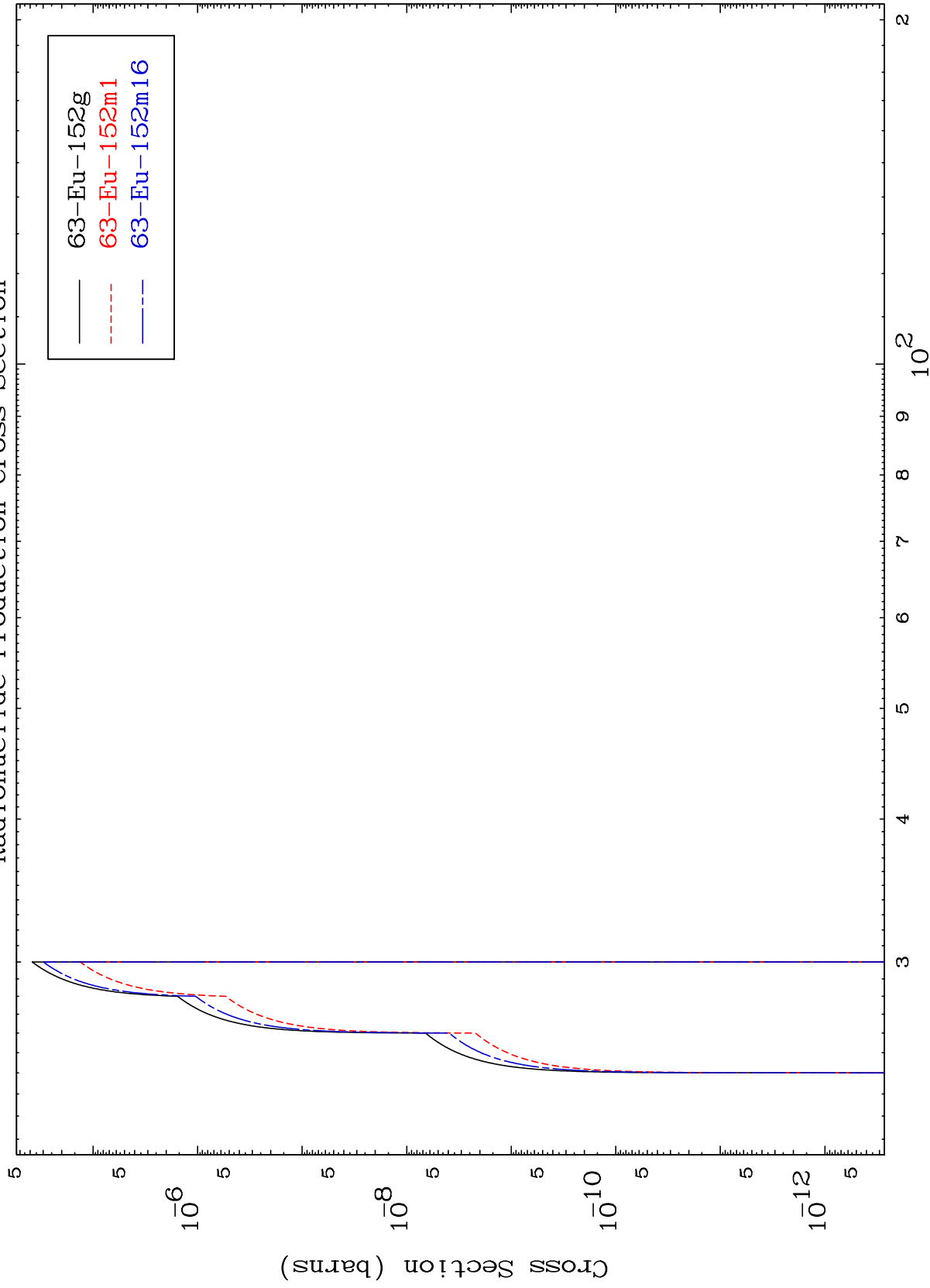
10

MAT 6246

(n, n') d

62-Sm-151

Radionuclide Production Cross Section



11

Incident Energy (MeV)

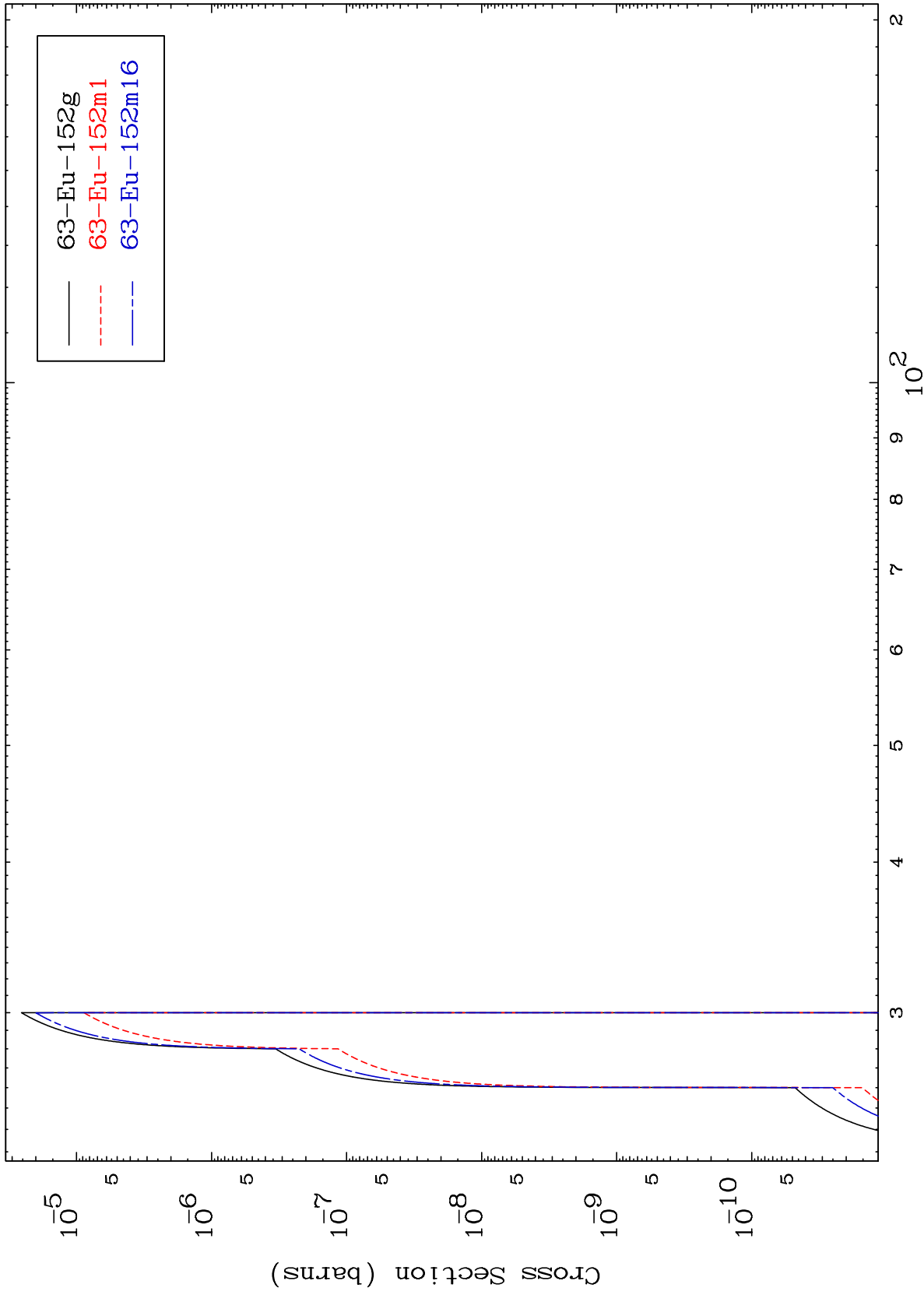
62-Sm-151

MAT 6246

(n,2n) p

62-Sm-151

Radionuclide Production Cross Section



12

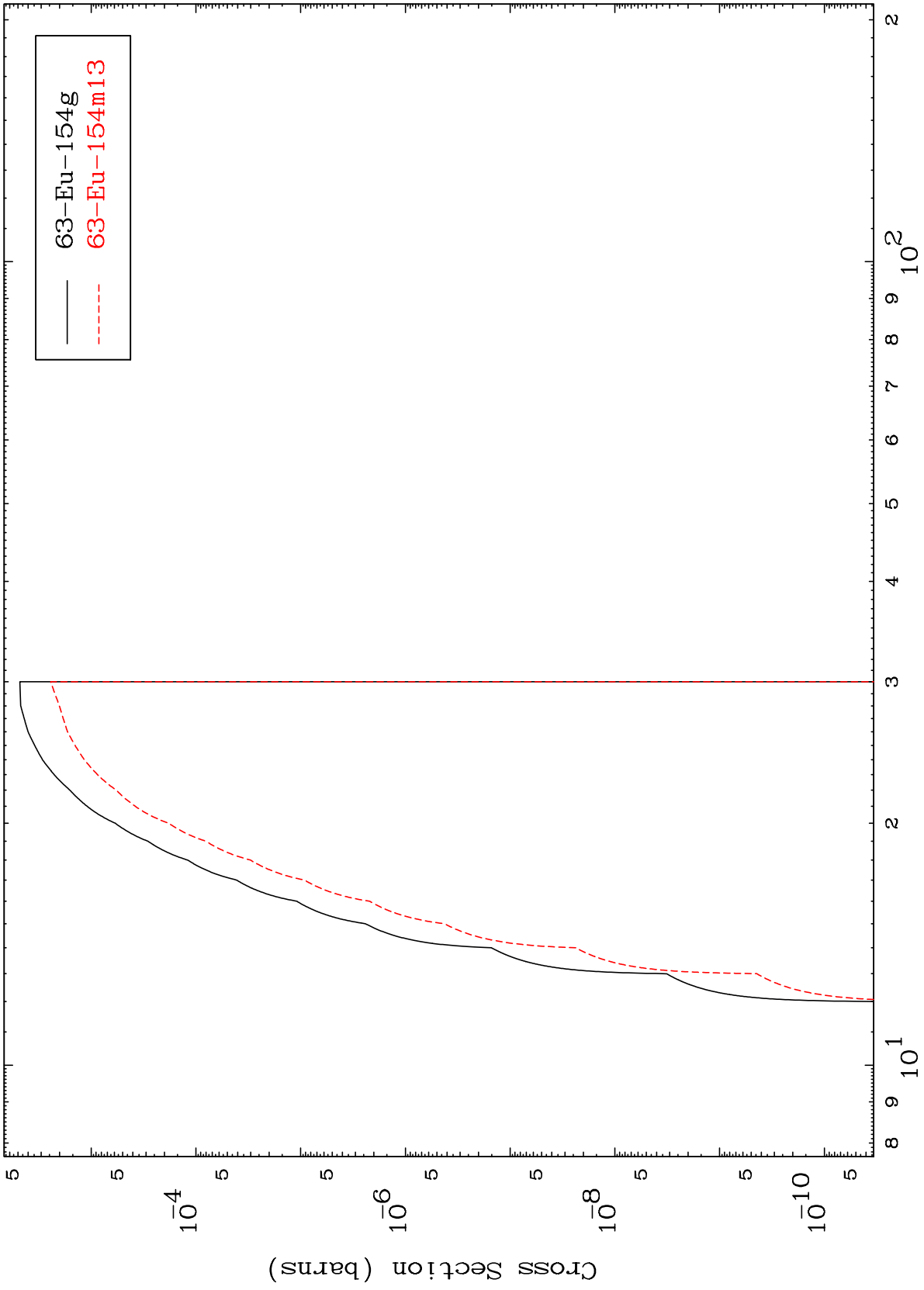
Incident Energy (MeV)

62-Sm-151

MAT 6246

62-Sm-151

(n,p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

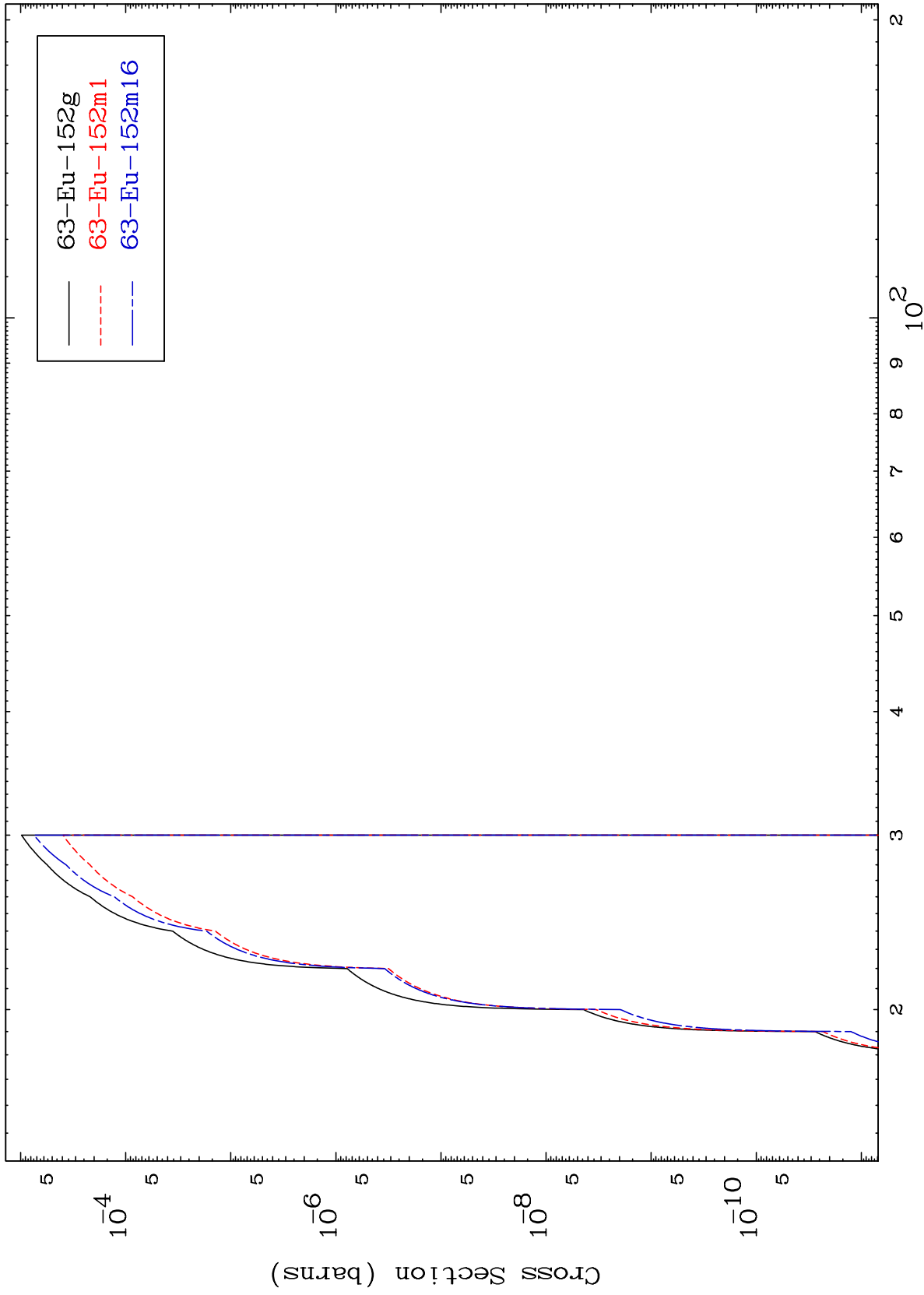
62-Sm-151

MAT 6246

(n, t)

62-Sm-151

Radionuclide Production Cross Section



14

Incident Energy (MeV)

62-Sm-151