

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

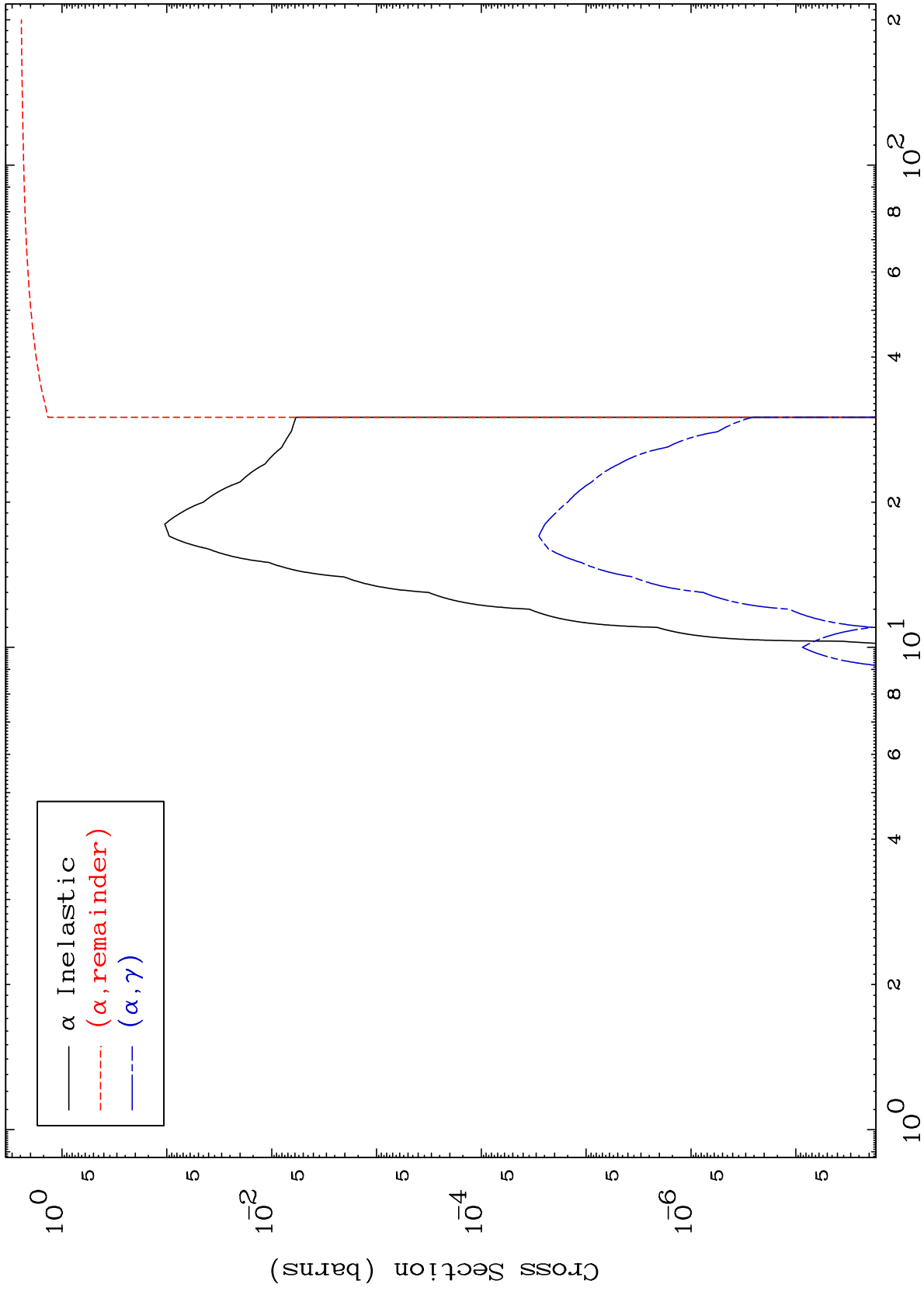
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6243

0 Kelvin α Major
Cross Sections

62-Sm-150



62-Sm-150

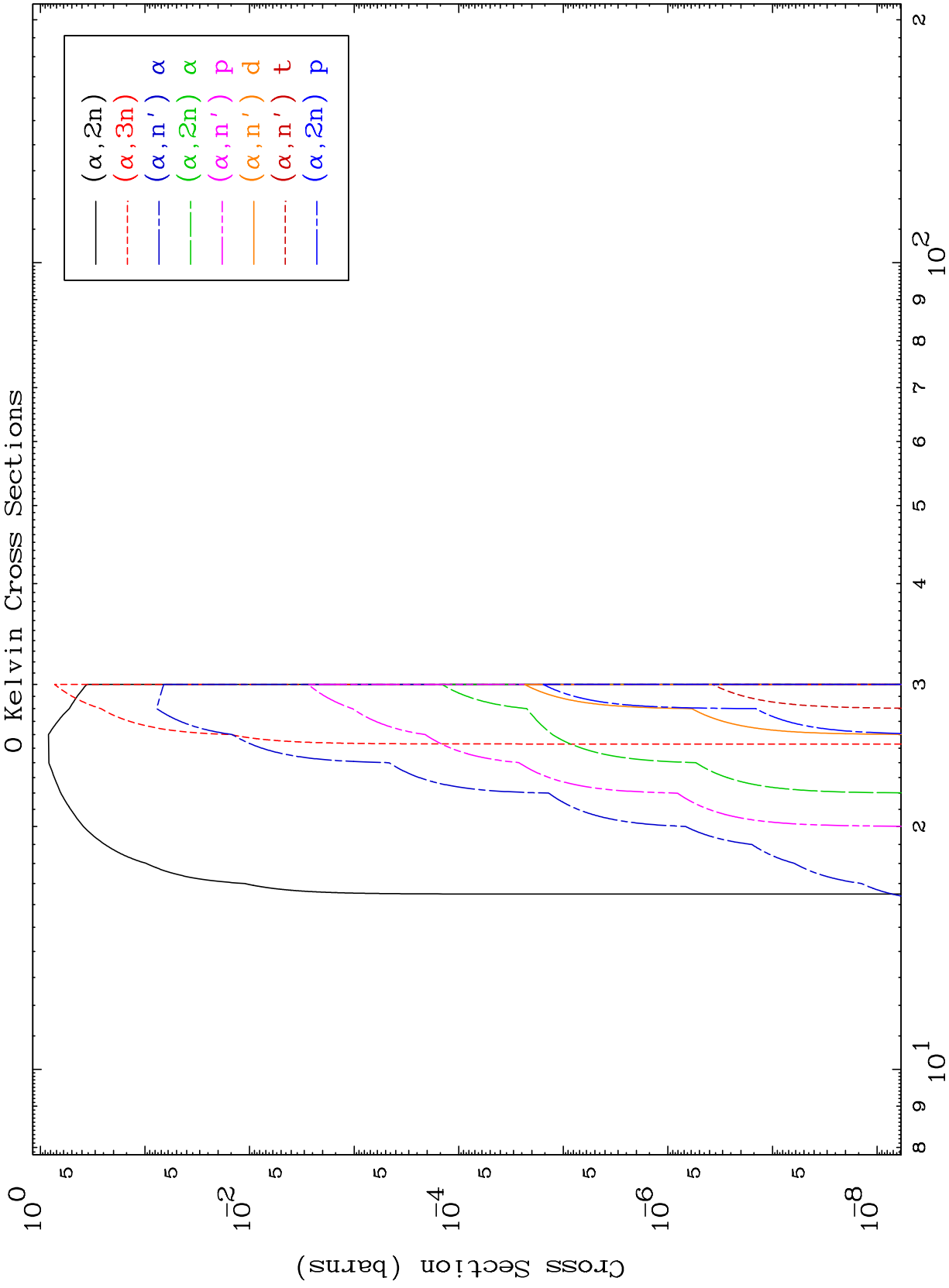
Incident Energy (MeV)

1

MAT 6243

α Neutron Production
0 Kelvin Cross Sections

62-Sm-150



2

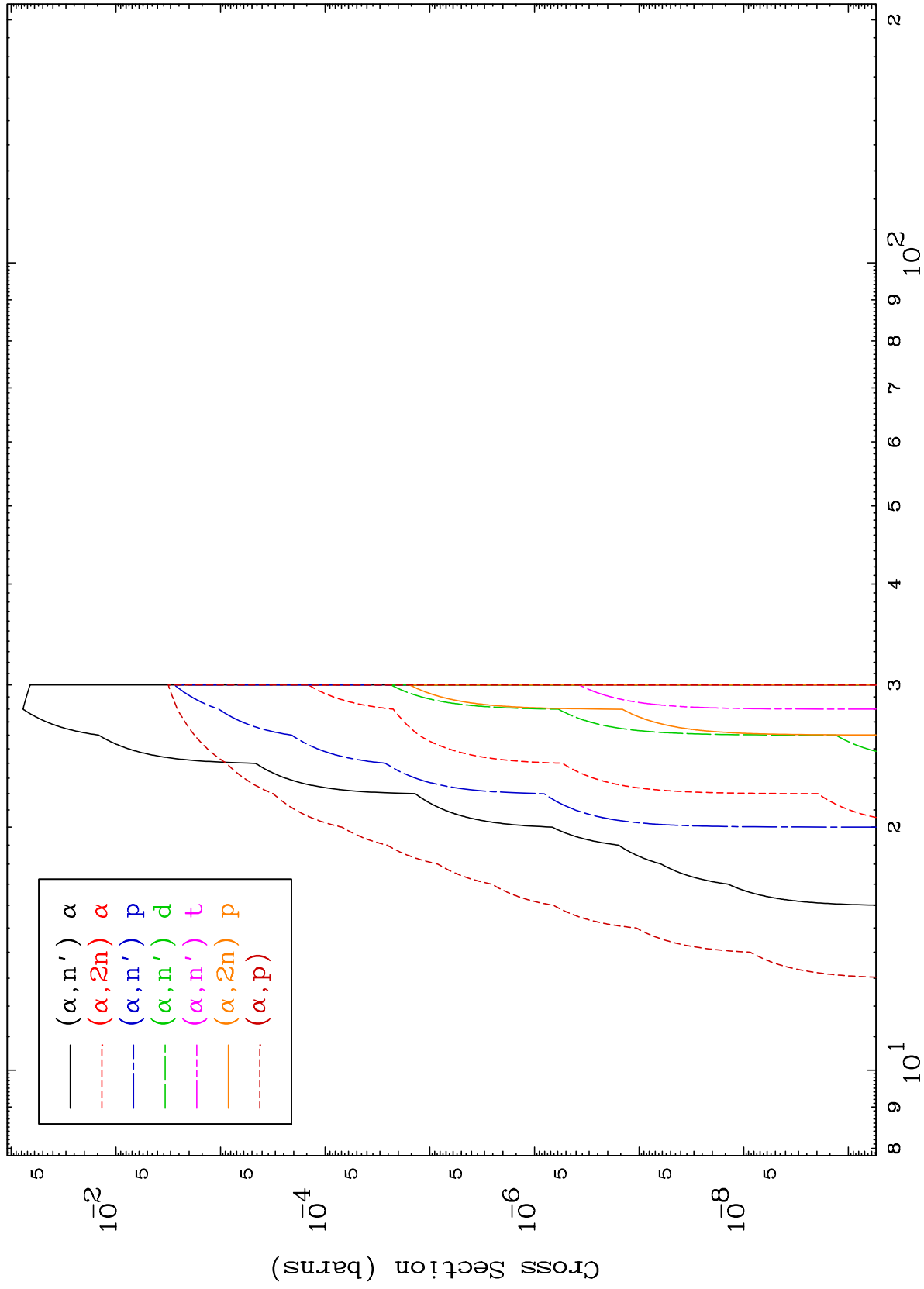
Incident Energy (MeV)

62-Sm-150

MAT 6243

α Charged Particle
0 Kelvin Cross Sections

62-Sm-150



3

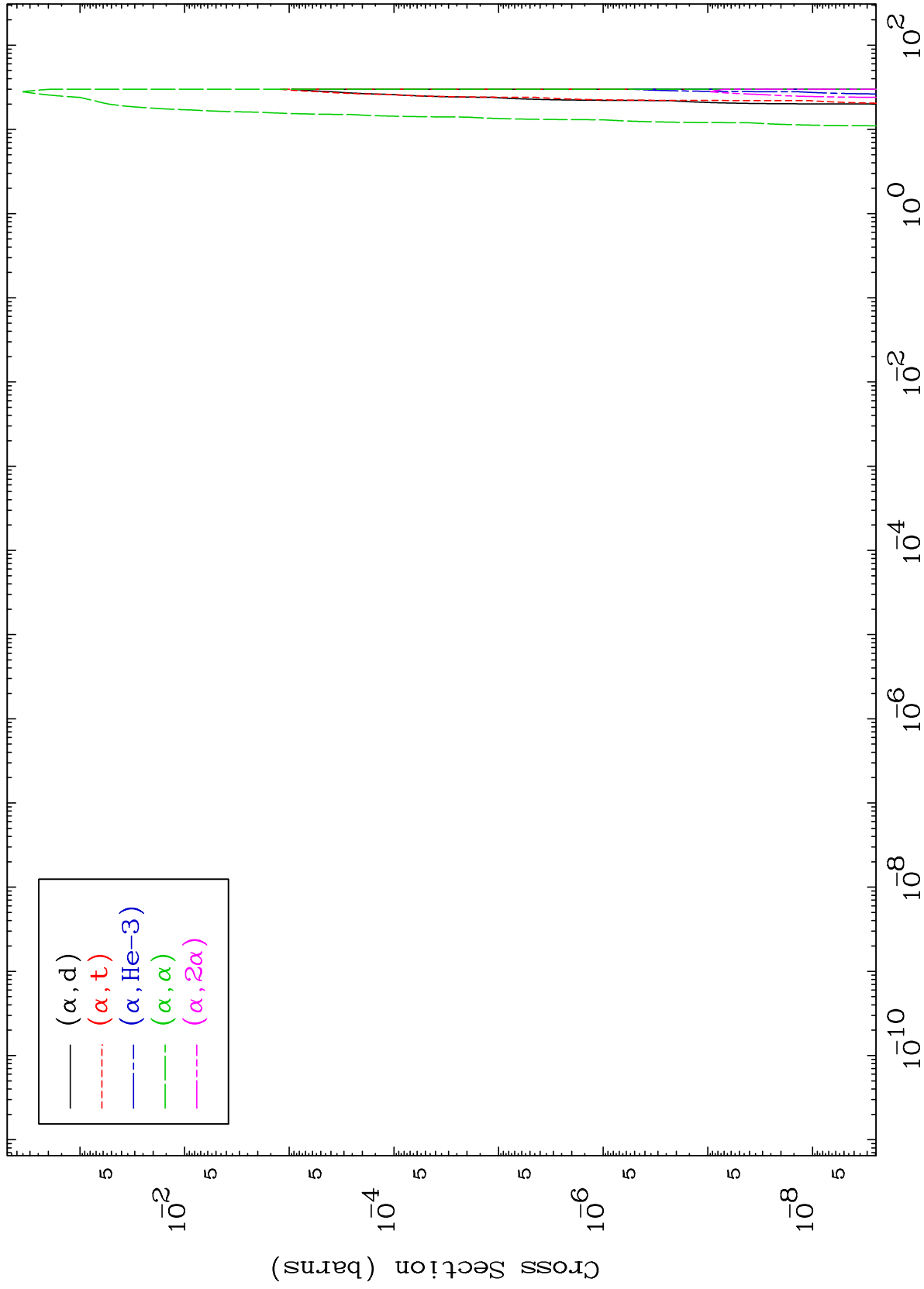
Incident Energy (MeV)

62-Sm-150

MAT 6243

α Charged Particle
0 Kelvin Cross Sections

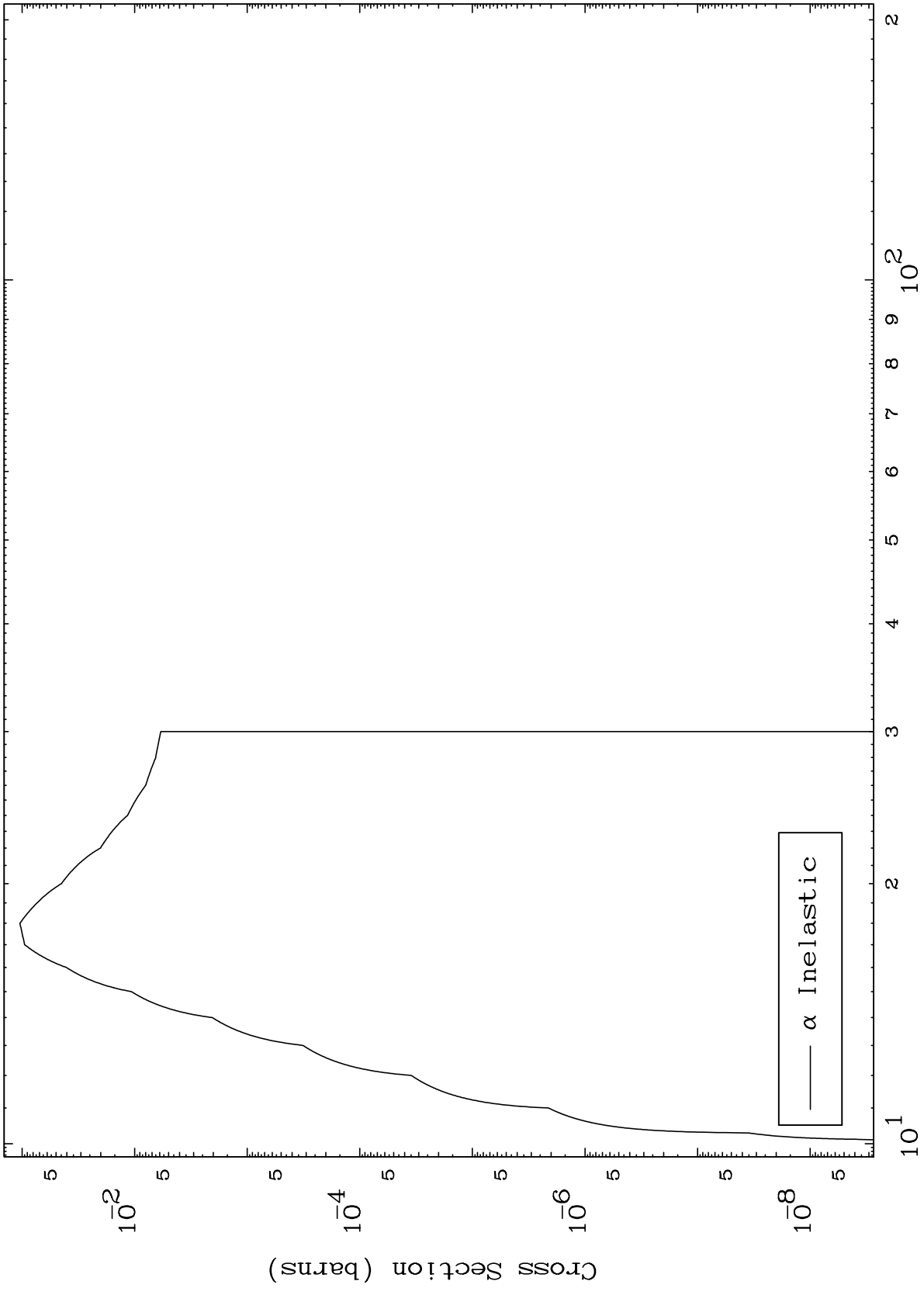
62-Sm-150



MAT 6243

(α, n') Level
0 Kelvin Cross Sections

62-Sm-150



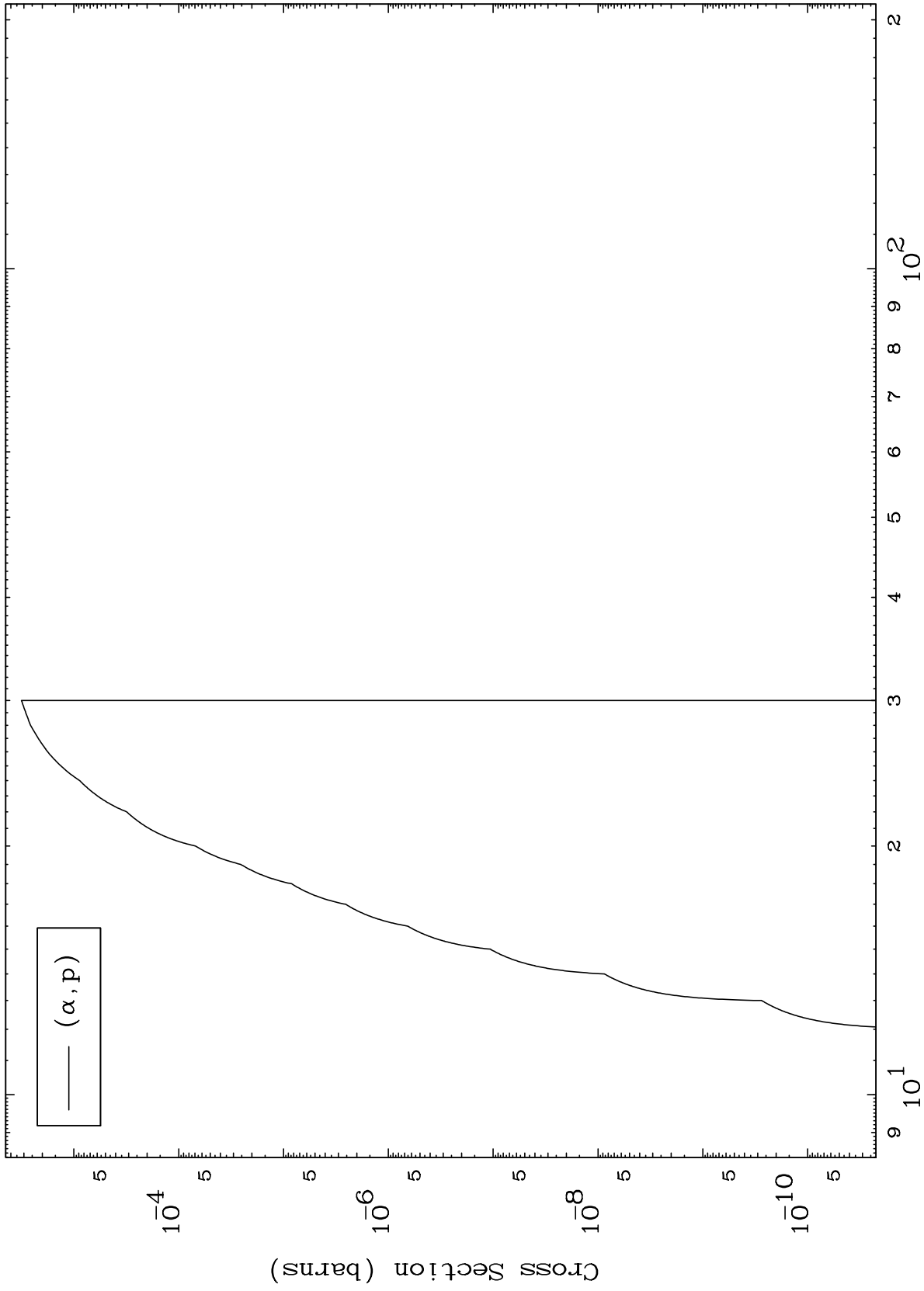
Incident Energy (MeV)

62-Sm-150

MAT 6243

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-150



6

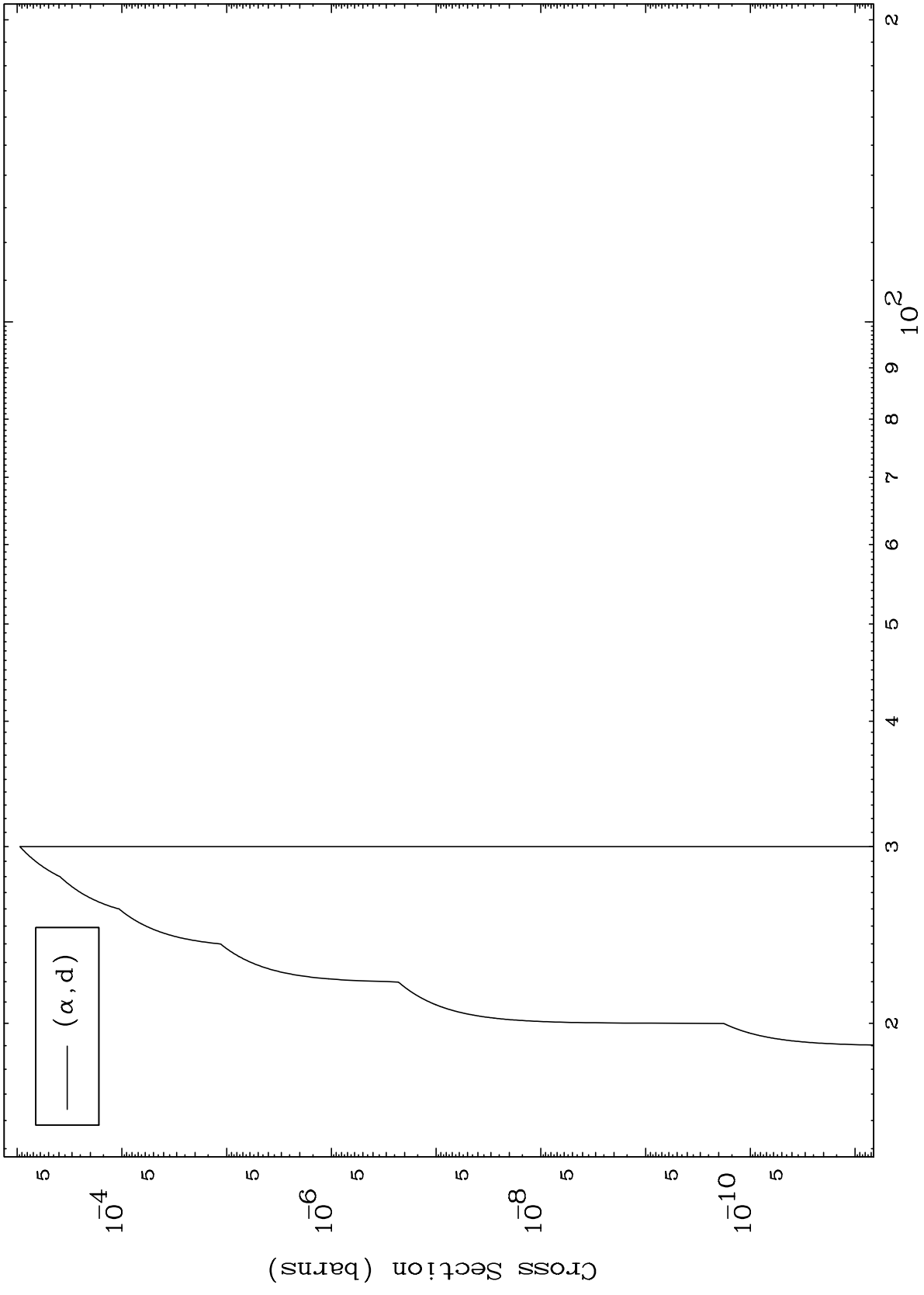
Incident Energy (MeV)

62-Sm-150

MAT 6243

(α, d) Levels
0 Kelvin Cross Sections

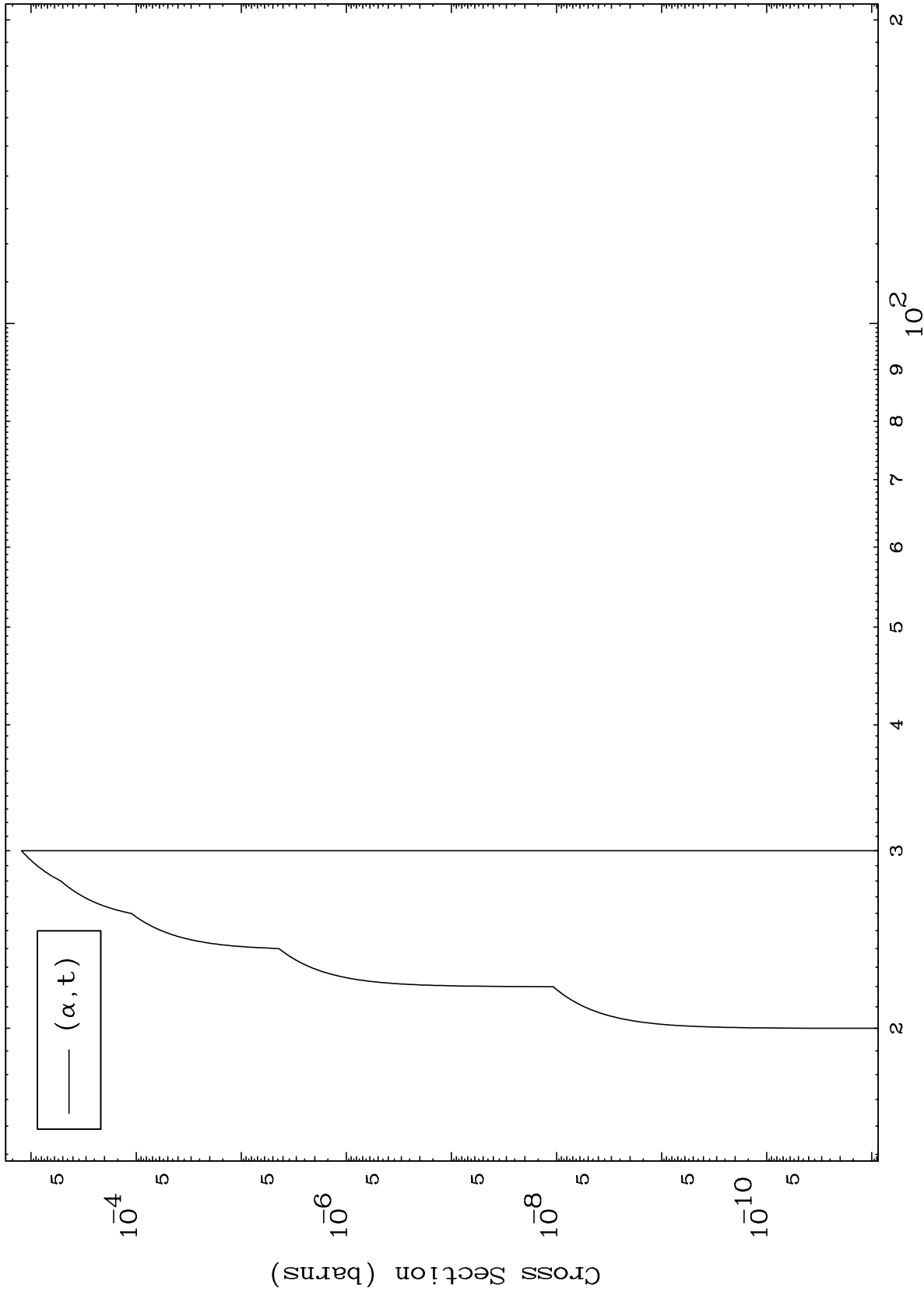
62-Sm-150



MAT 6243

(α, t) Levels
0 Kelvin Cross Sections

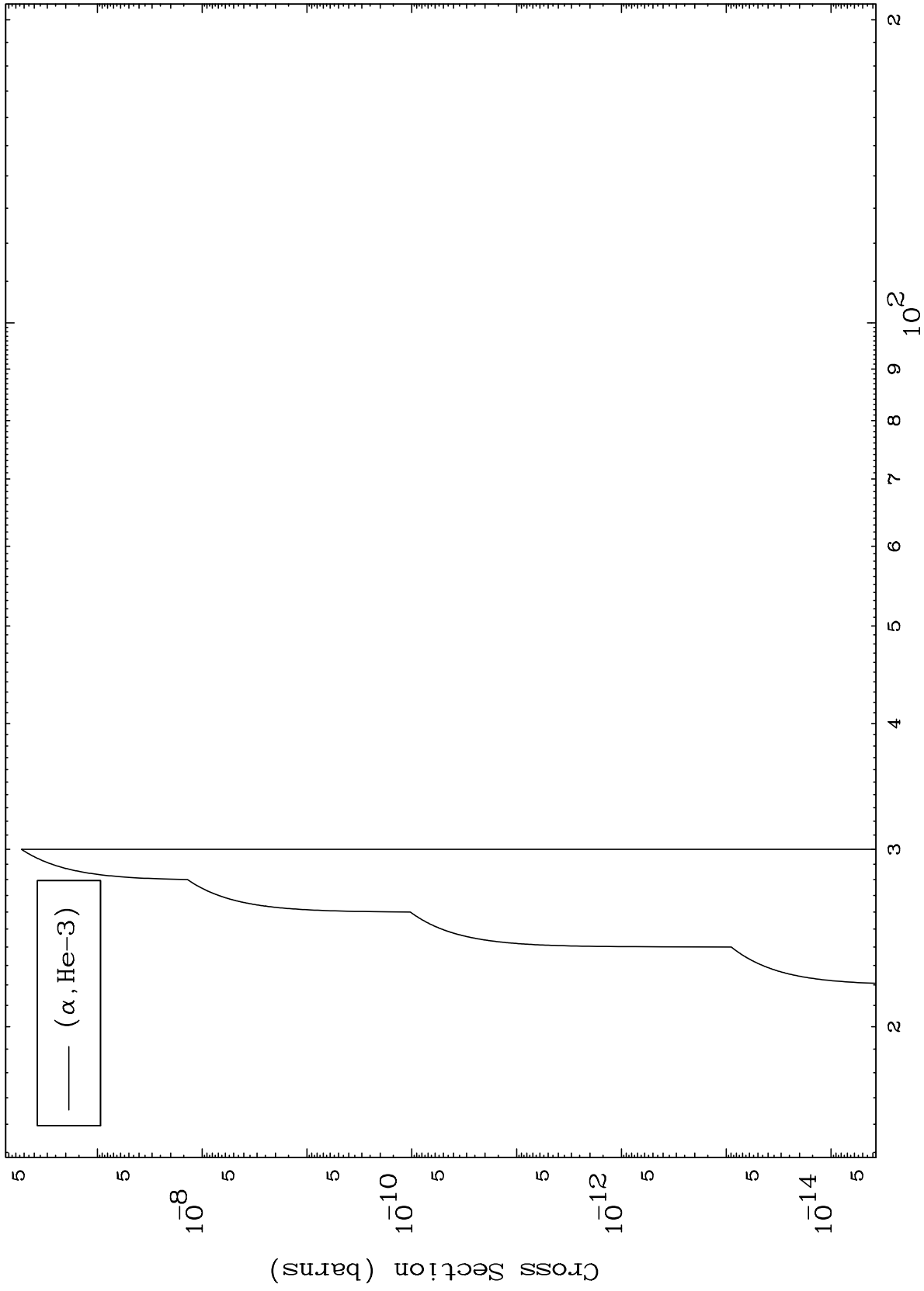
62-Sm-150



8

Incident Energy (MeV)

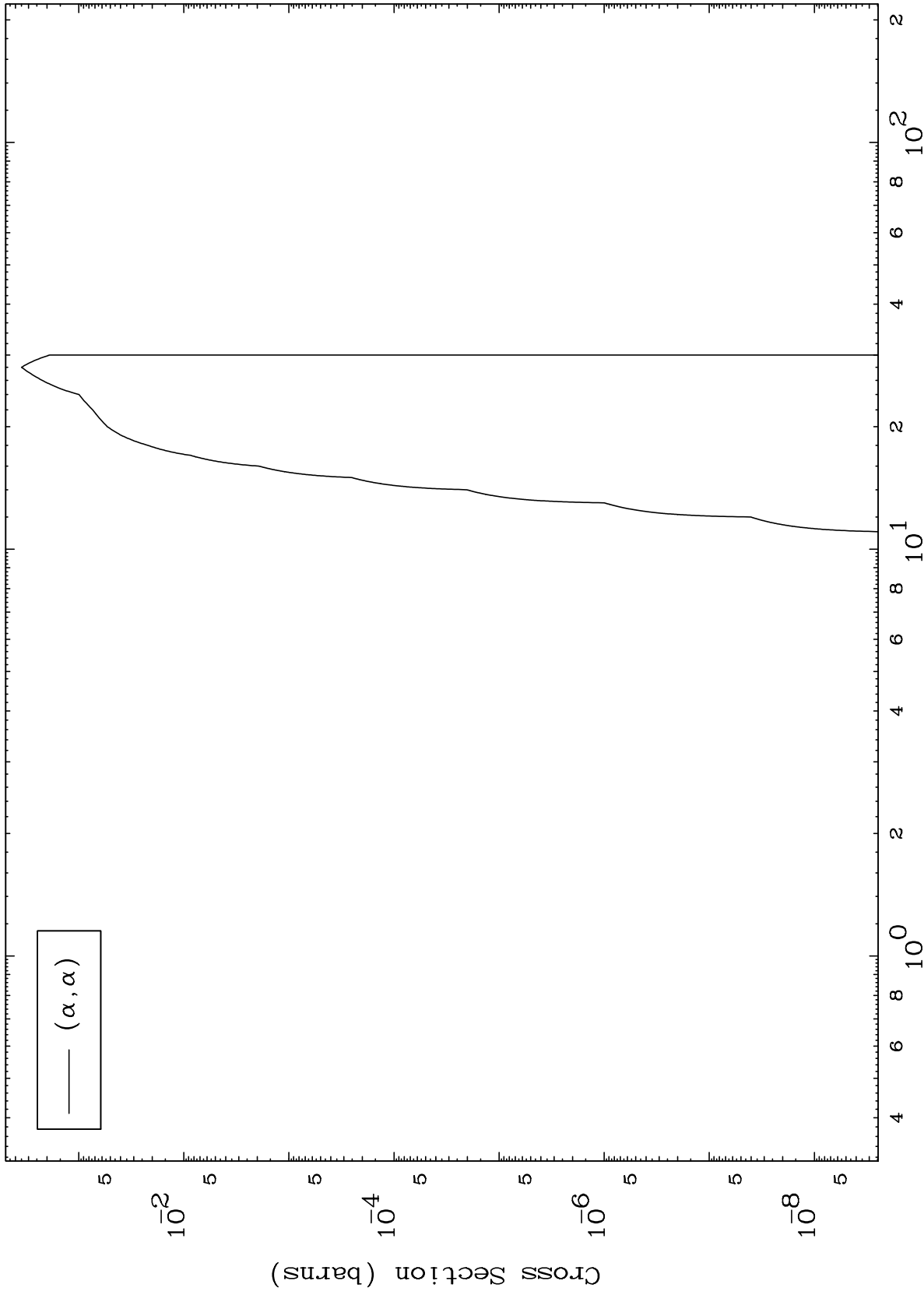
62-Sm-150



MAT 6243

0 Kelvin Cross Sections
(α, α) Levels

62-Sm-150



10

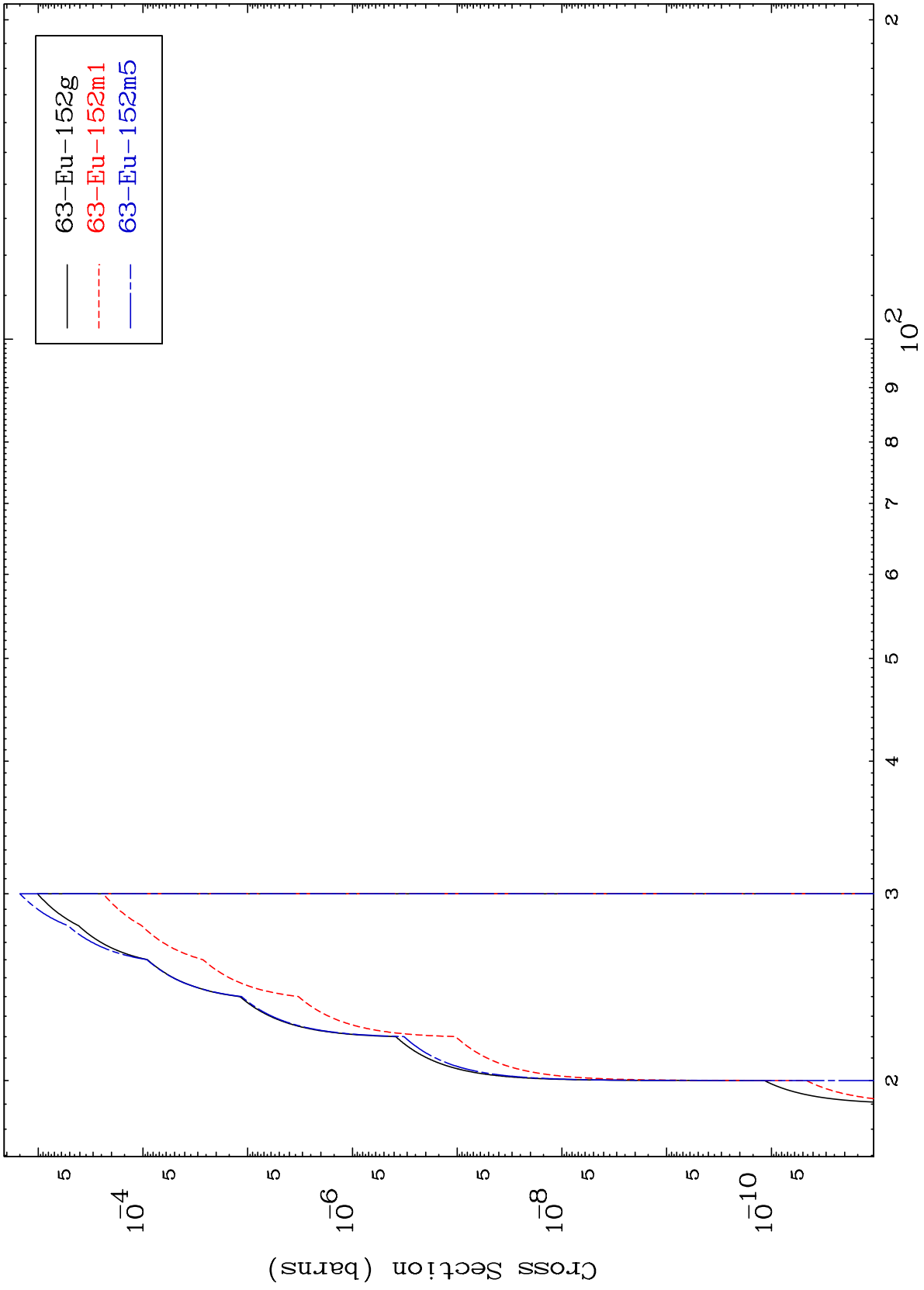
Incident Energy (MeV)

62-Sm-150

MAT 6243

62-Sm-150

(α, n') p
Radionuclide Production Cross Section



11

Incident Energy (MeV)

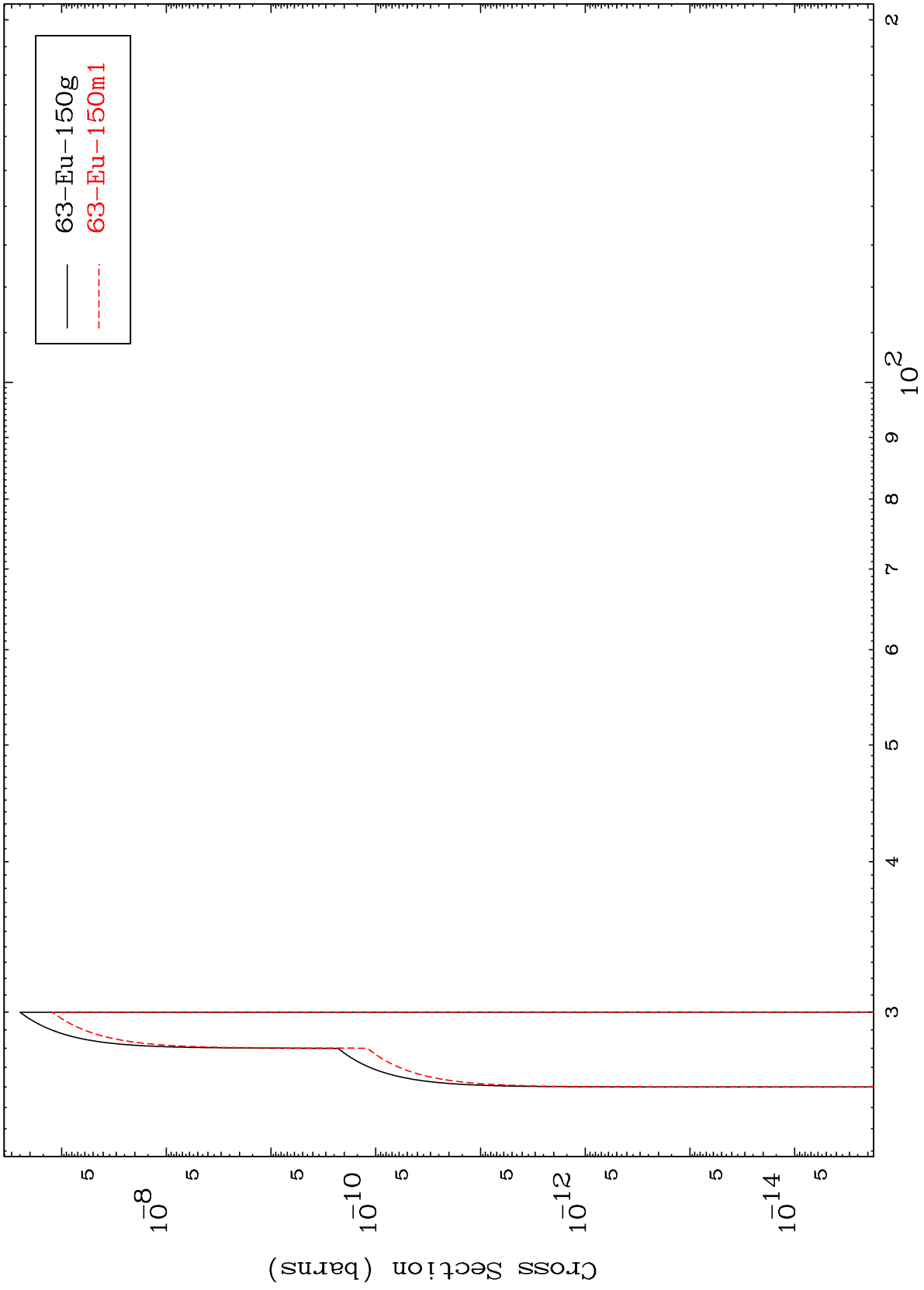
62-Sm-150

MAT 6243

(α, n') t

62-Sm-150

Radionuclide Production Cross Section



12

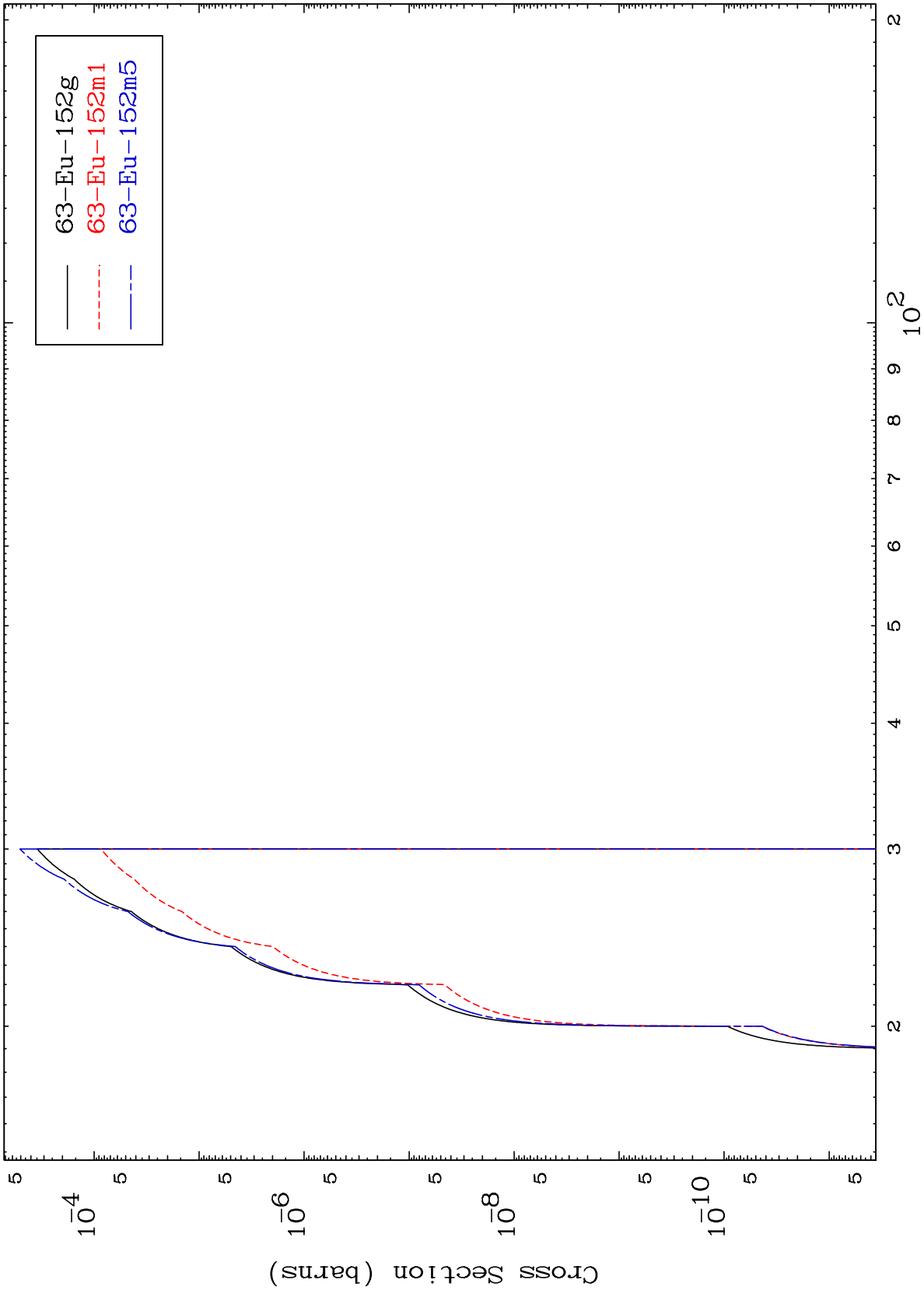
Incident Energy (MeV)

62-Sm-150

MAT 6243

62-Sm-150

(α, d)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

62-Sm-150