

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

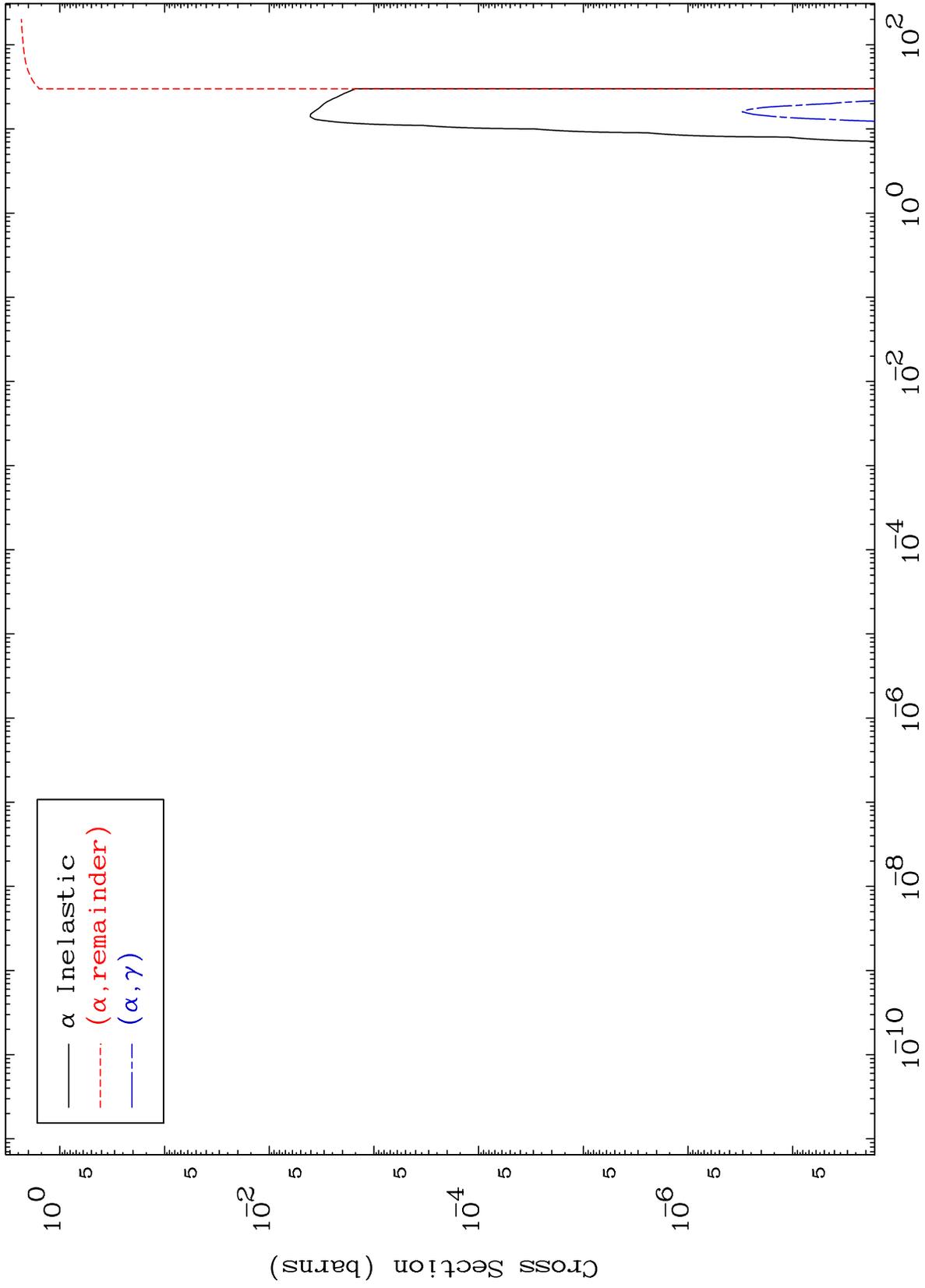
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5165

0 Kelvin α Major
Cross Sections

51-Sb-134



1

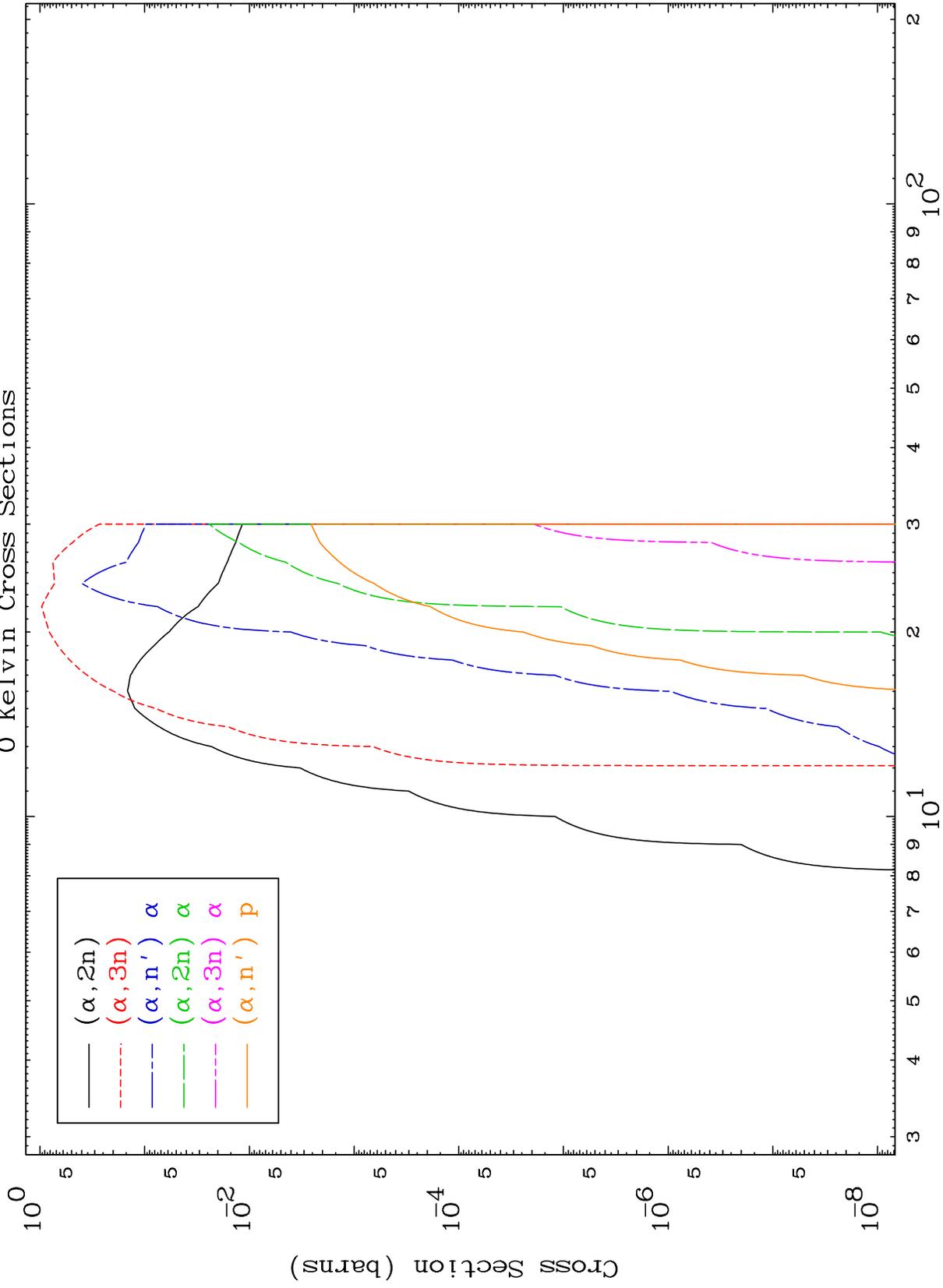
Incident Energy (MeV)

51-Sb-134

MAT 5165

α Neutron Production
0 Kelvin Cross Sections

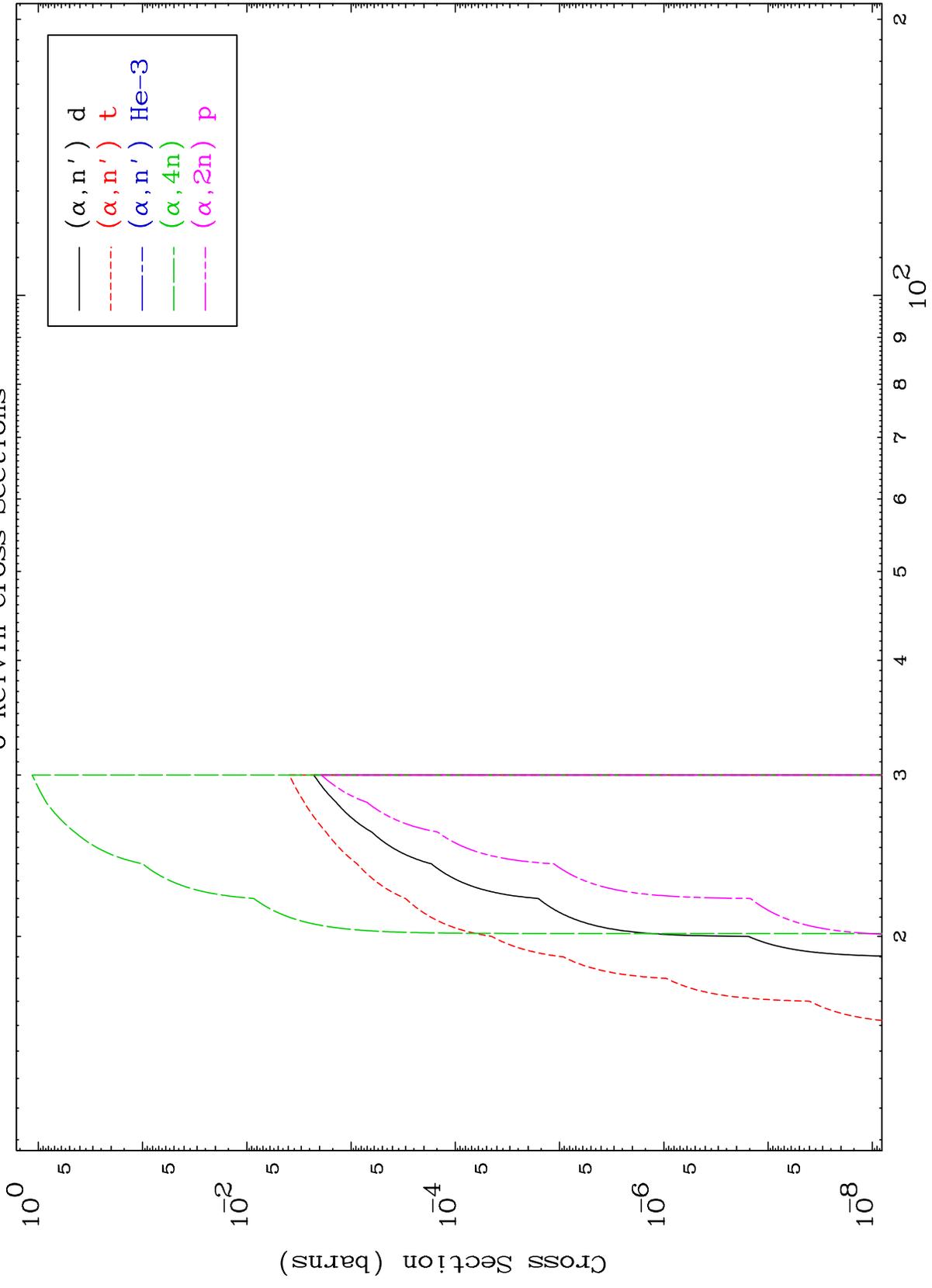
51-Sb-134

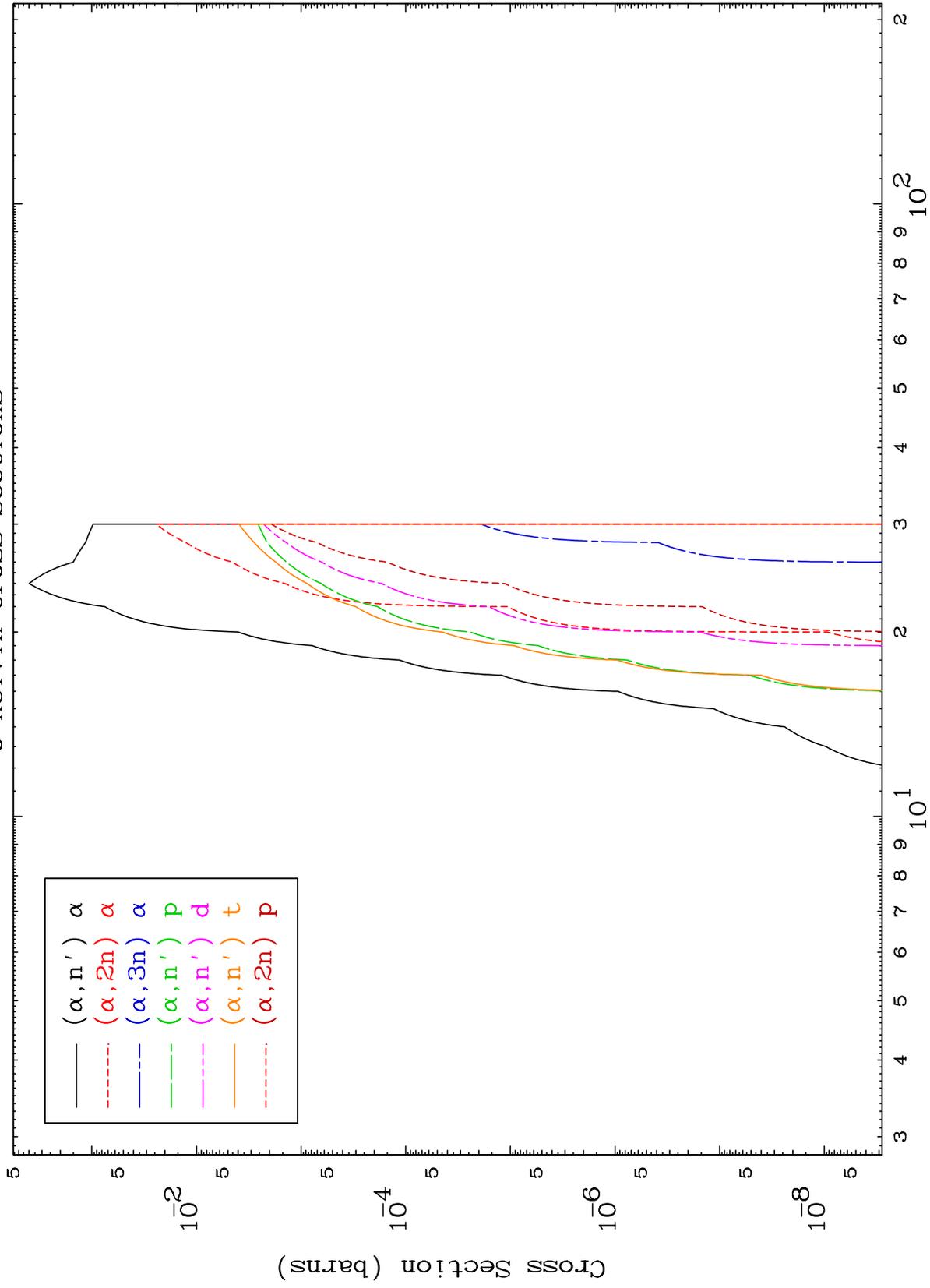


2

Incident Energy (MeV)

51-Sb-134

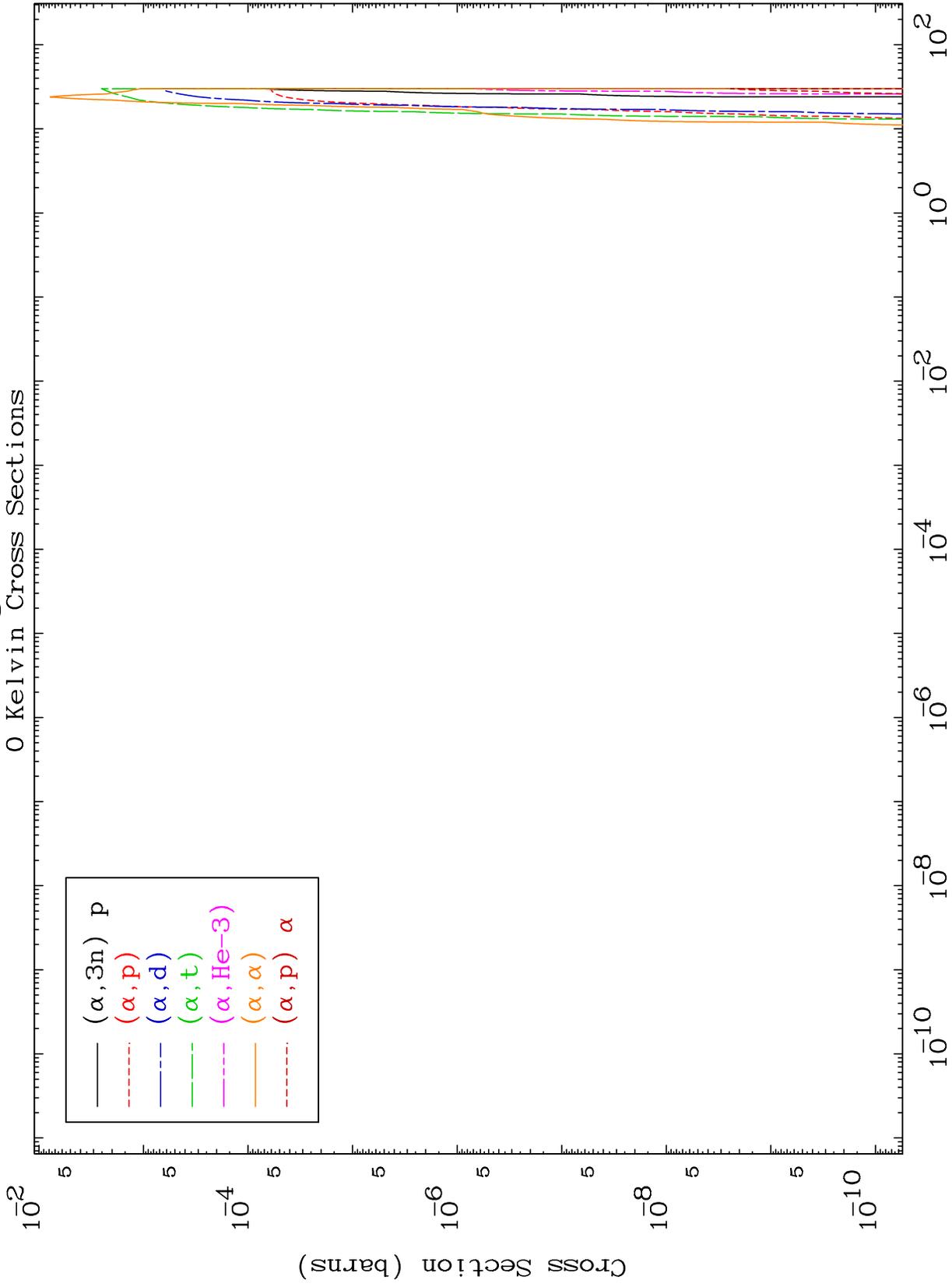




MAT 5165

α Charged Particle
0 Kelvin Cross Sections

51-Sb-134



5

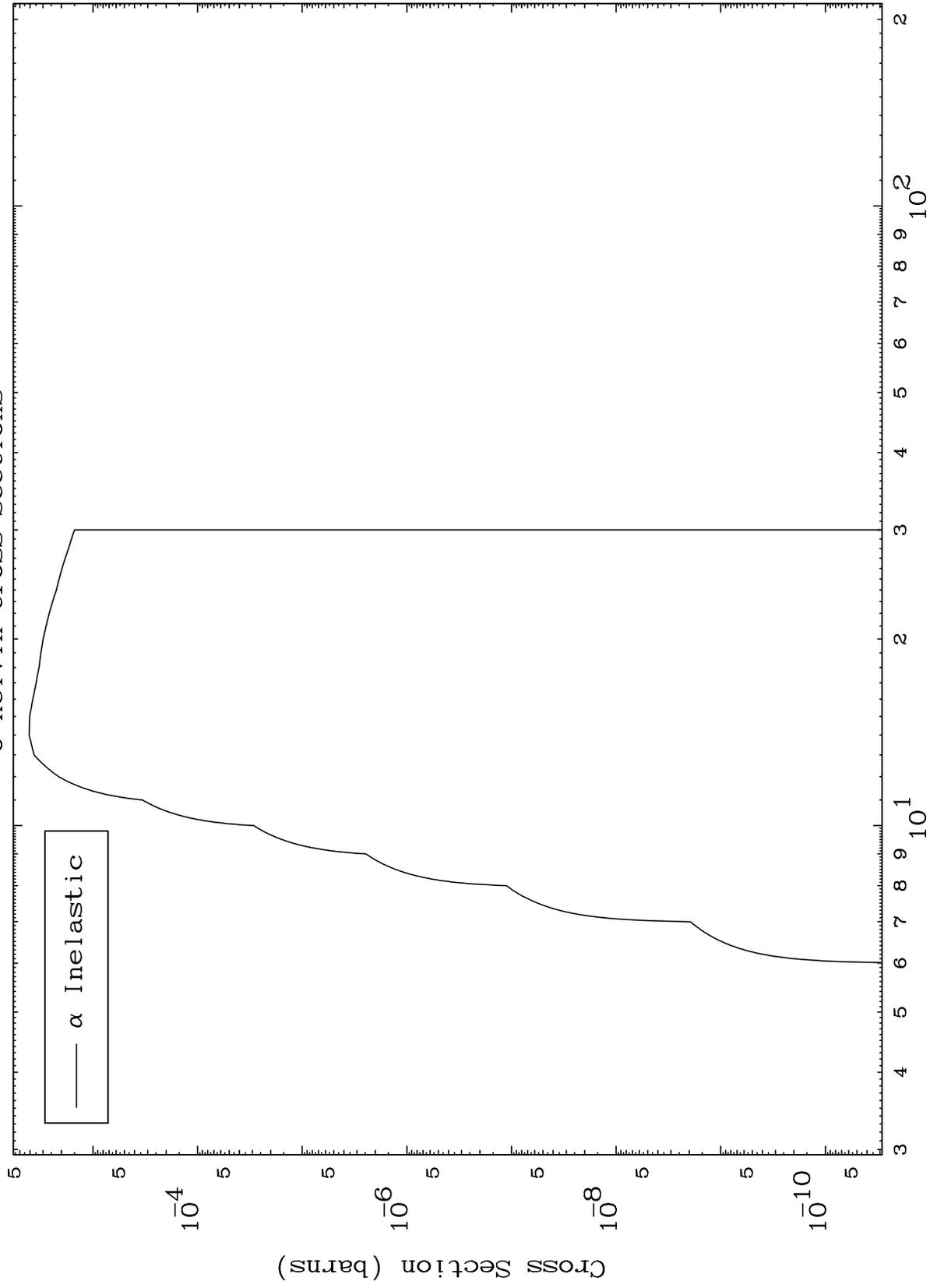
Incident Energy (MeV)

51-Sb-134

MAT 5165

(α, n') Level
0 Kelvin Cross Sections

51-Sb-134



6

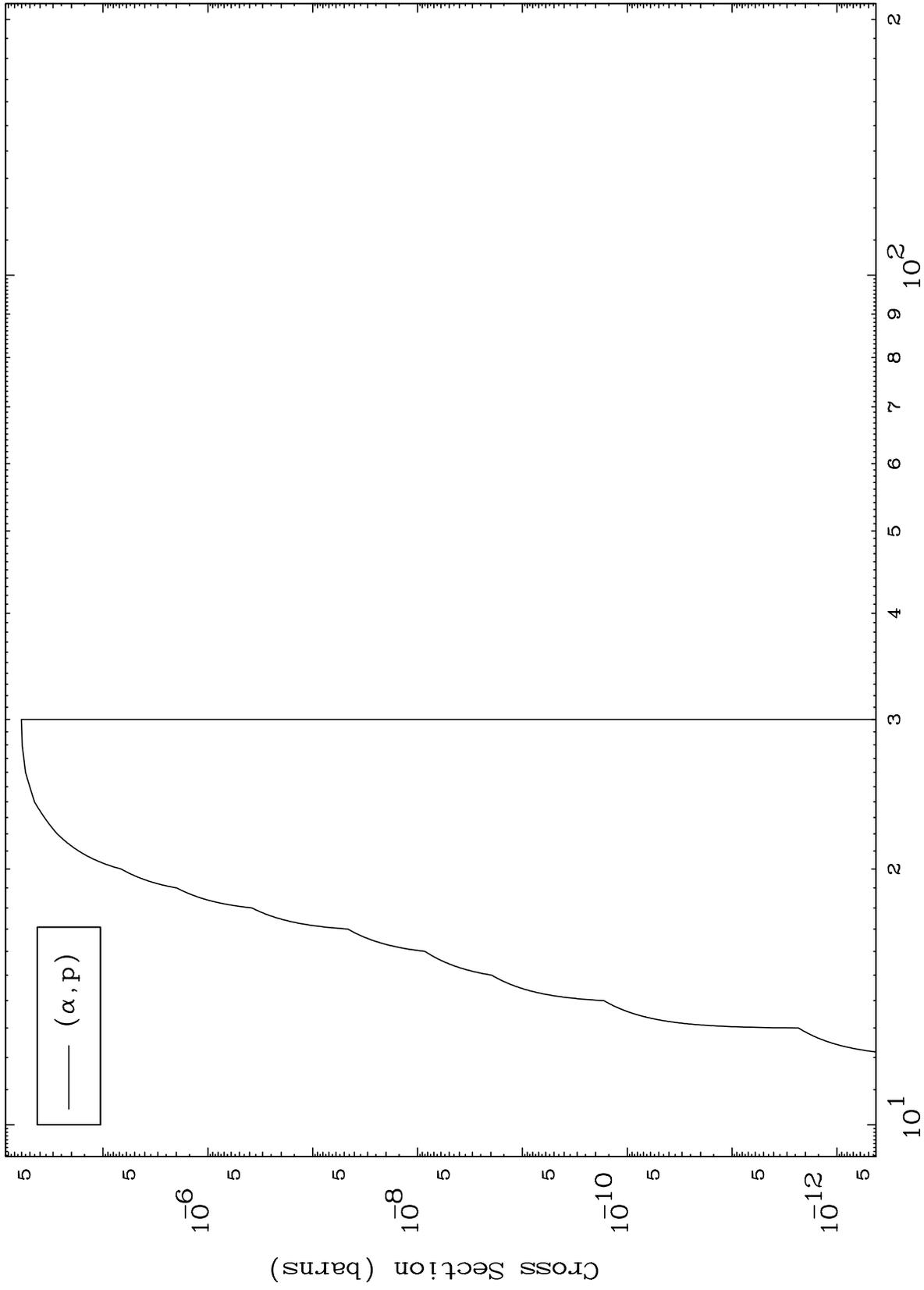
Incident Energy (MeV)

51-Sb-134

MAT 5165

(α, p) Levels
0 Kelvin Cross Sections

51-Sb-134



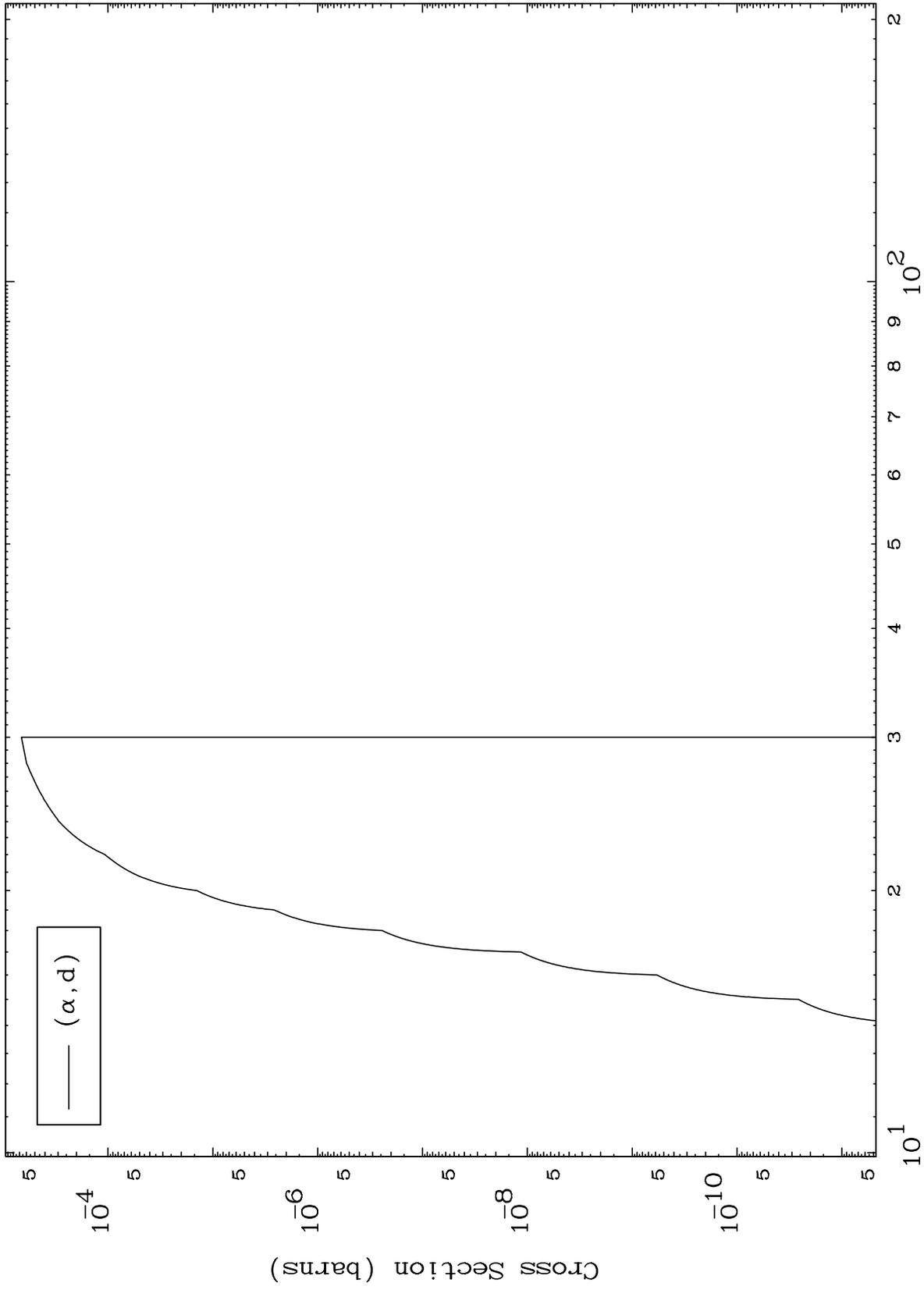
Incident Energy (MeV)

51-Sb-134

MAT 5165

(α, d) Levels
0 Kelvin Cross Sections

51-Sb-134



8

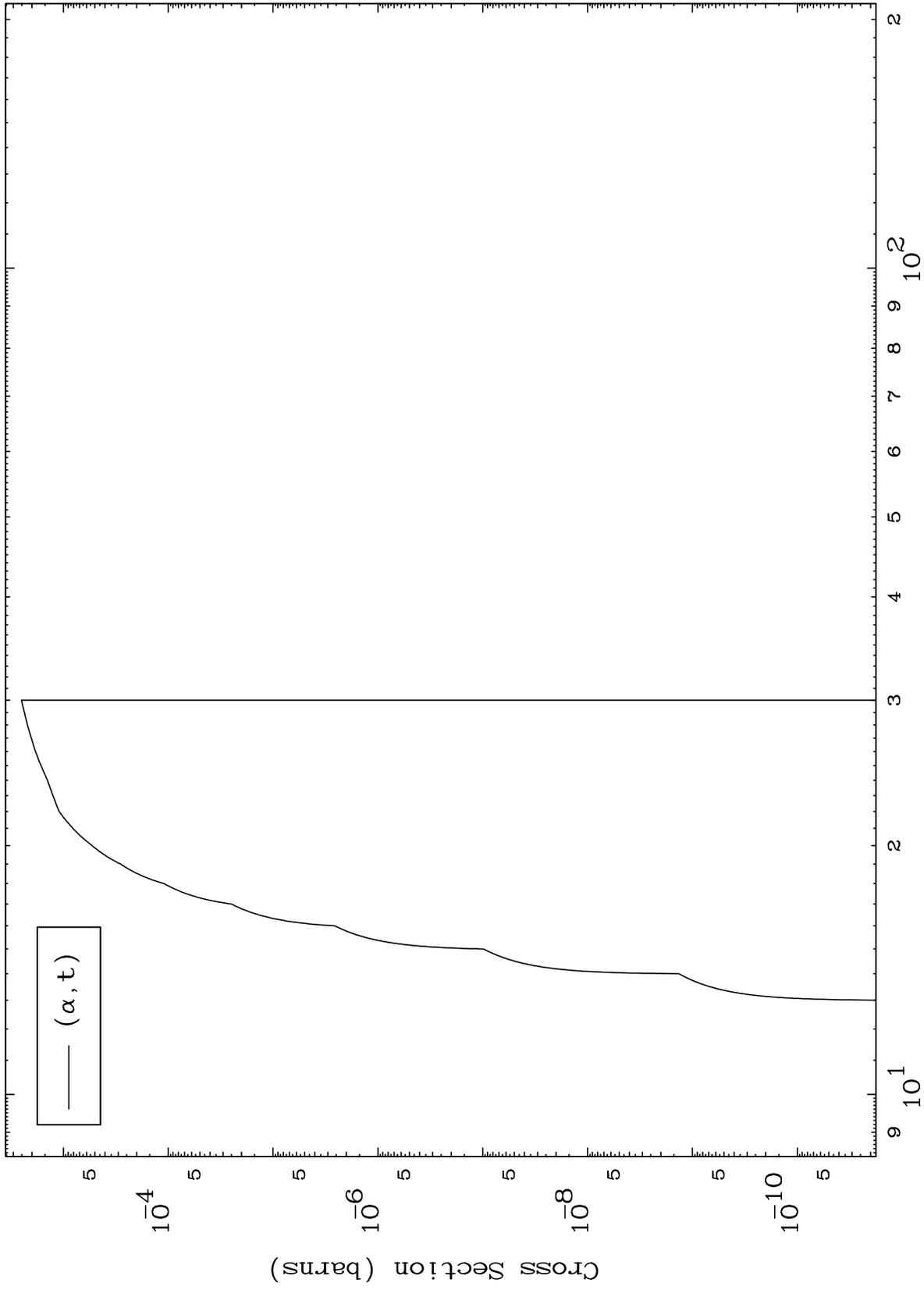
Incident Energy (MeV)

51-Sb-134

MAT 5165

(α, t) Levels
0 Kelvin Cross Sections

51-Sb-134



9

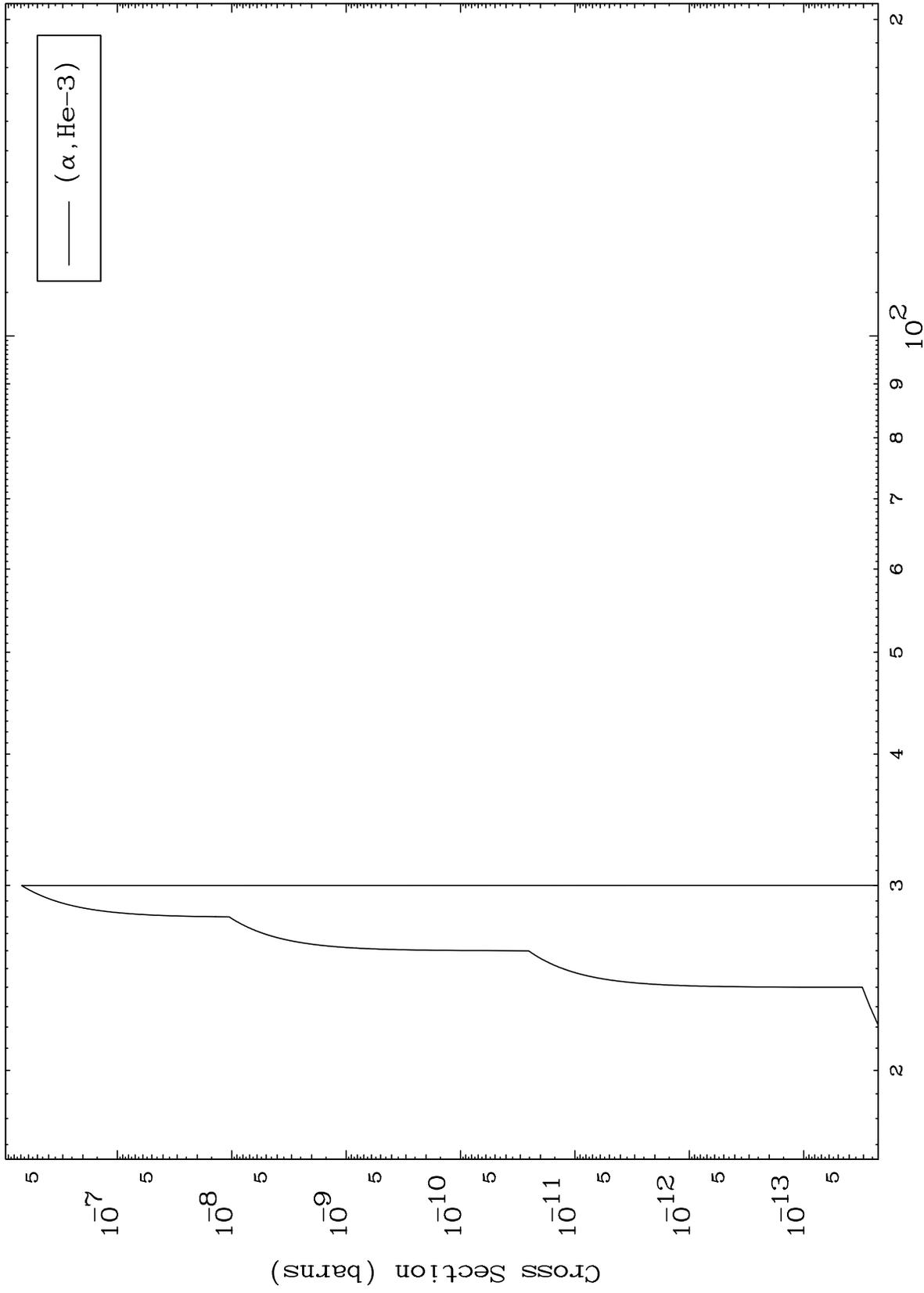
Incident Energy (MeV)

51-Sb-134

MAT 5165

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

51-Sb-134



10

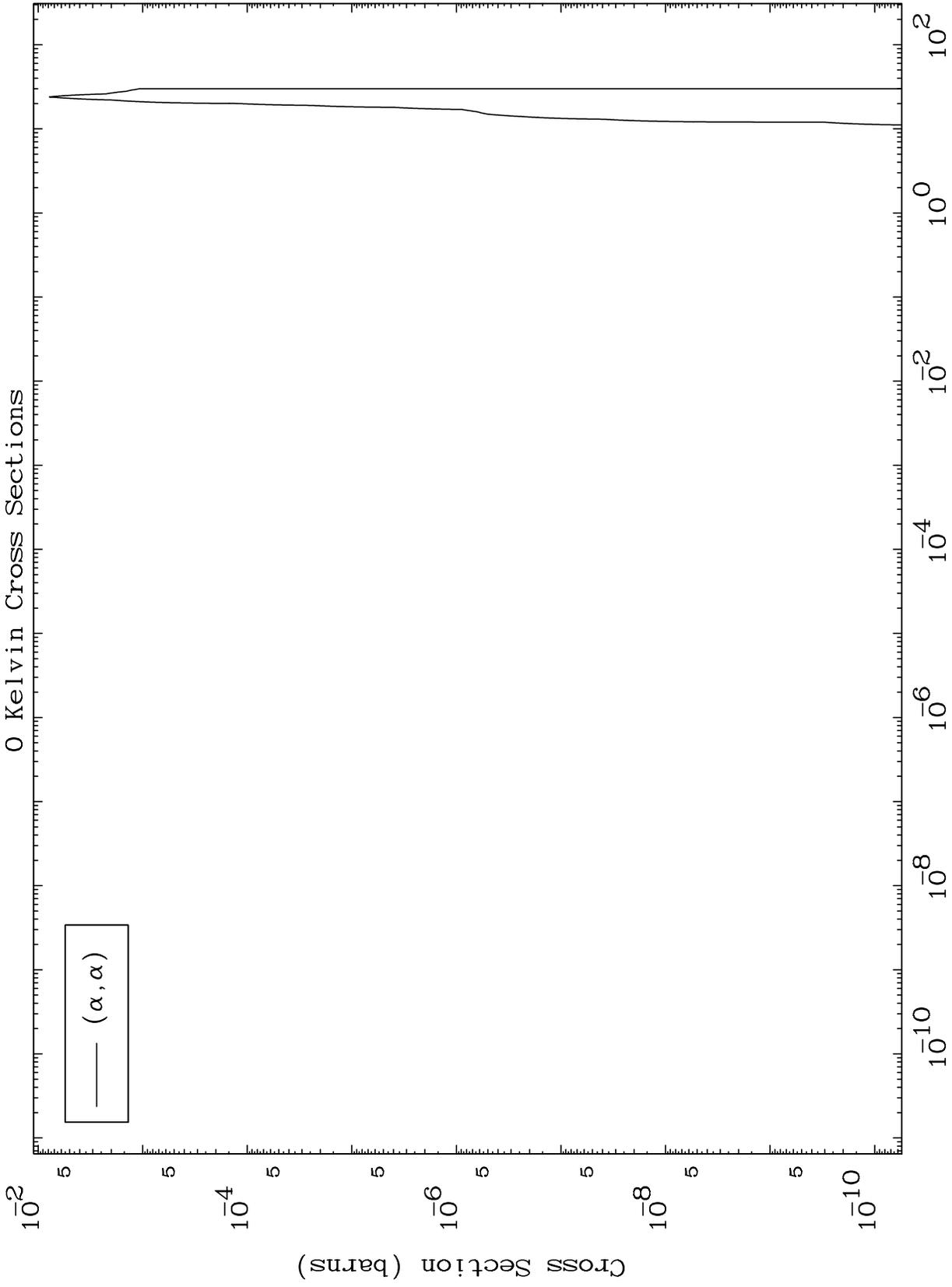
Incident Energy (MeV)

51-Sb-134

MAT 5165

(α, α) Levels
0 Kelvin Cross Sections

51-Sb-134



11

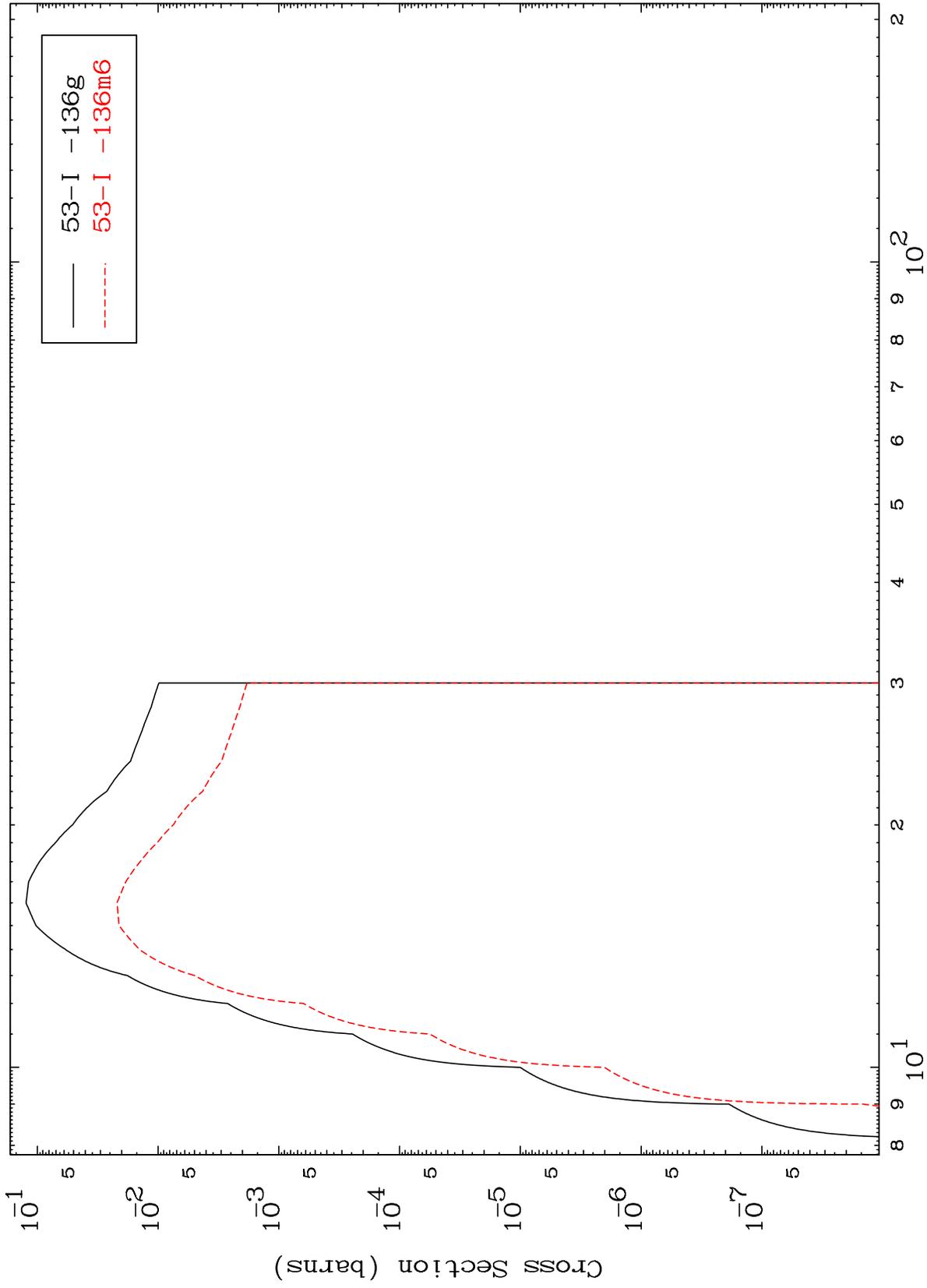
Incident Energy (MeV)

51-Sb-134

MAT 5165

51-Sb-134

Radionuclide Production Cross Section
($\alpha, 2n$)



12

Incident Energy (MeV)

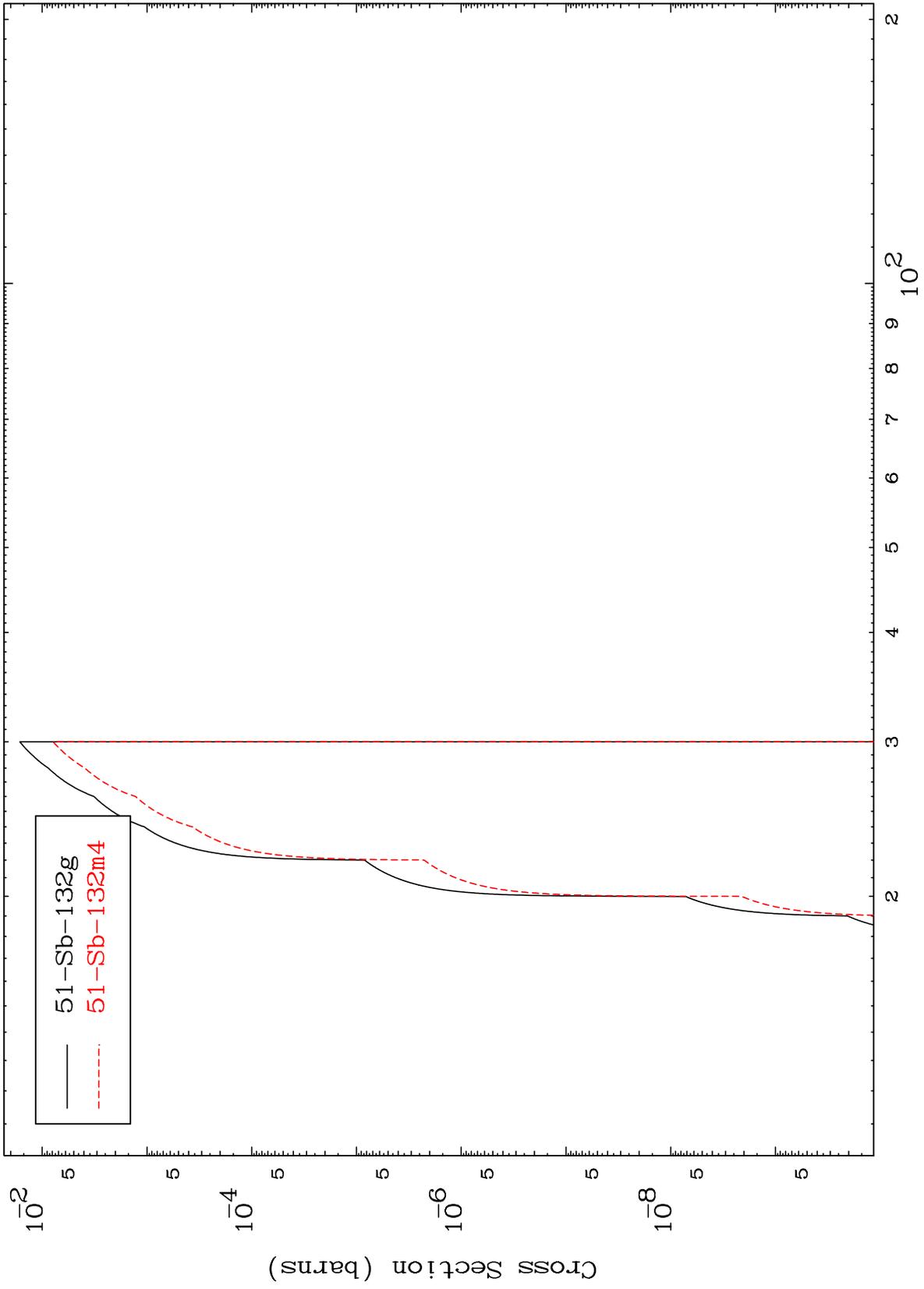
51-Sb-134

MAT 5165

($\alpha, 2n$) α

51-Sb-134

Radionuclide Production Cross Section



13

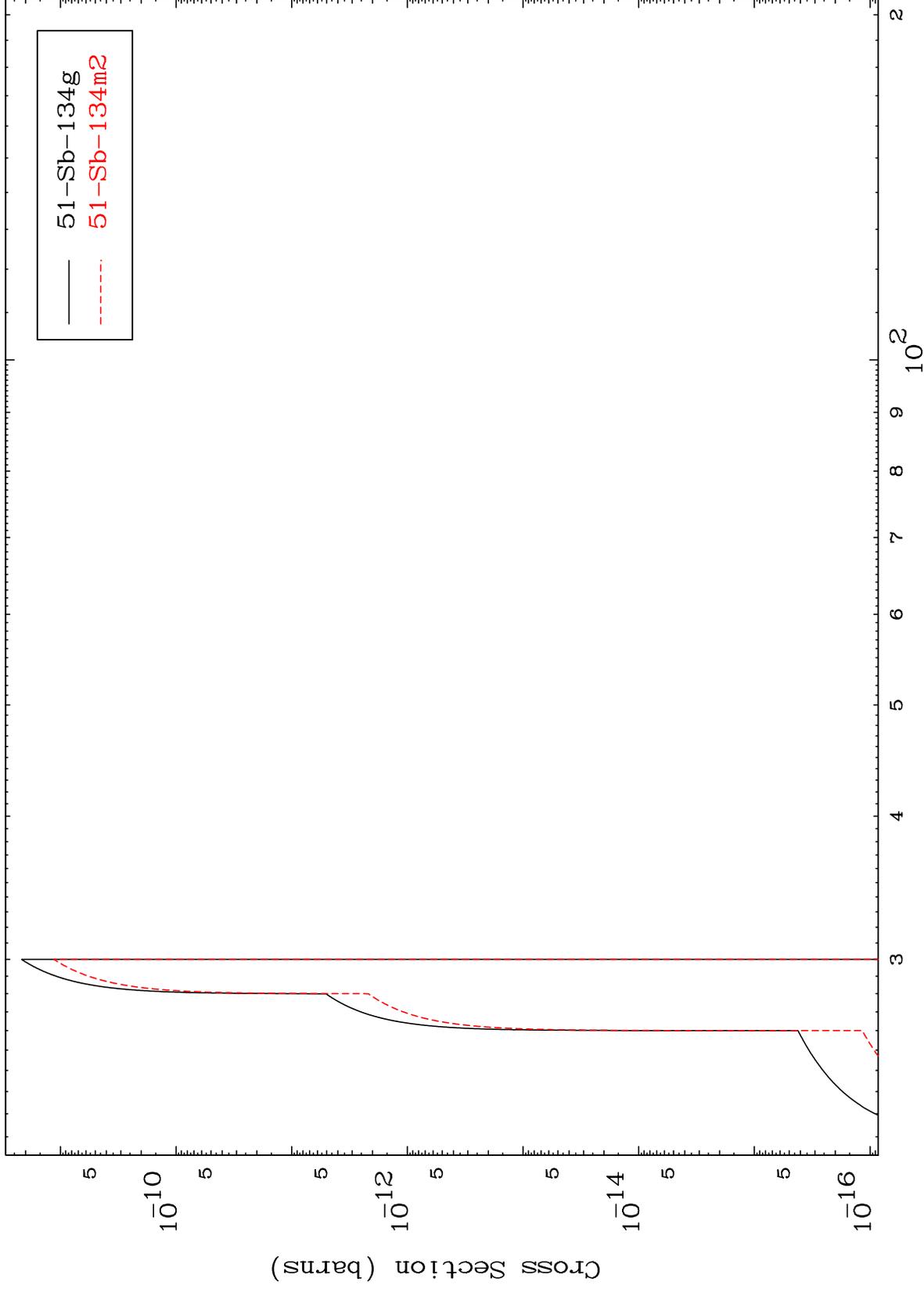
51-Sb-134

MAT 5165

(α, n') He-3

51-Sb-134

Radionuclide Production Cross Section



14

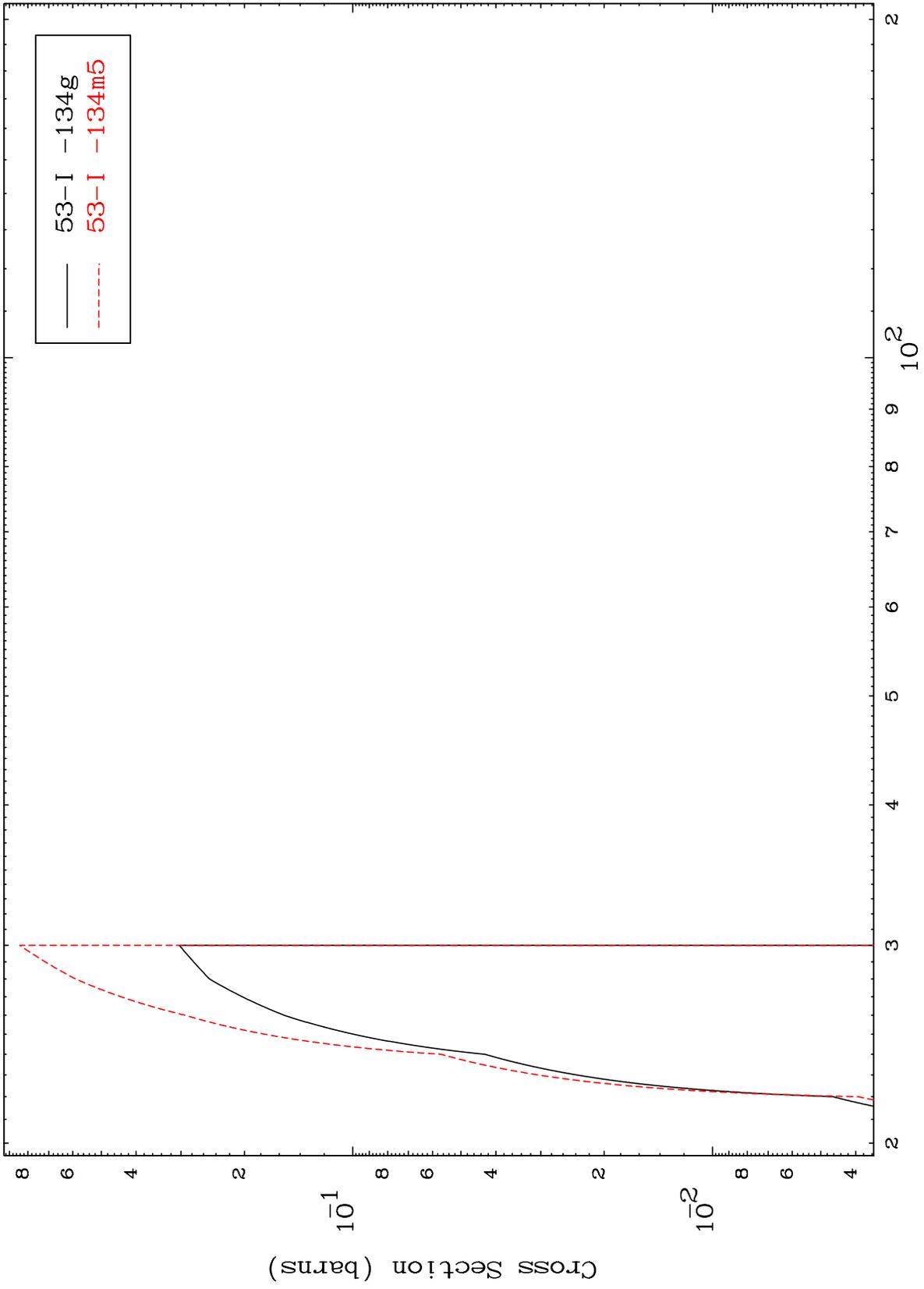
Incident Energy (MeV)

51-Sb-134

MAT 5165

51-Sb-134

($\alpha, 4n$)
Radionuclide Production Cross Section



15

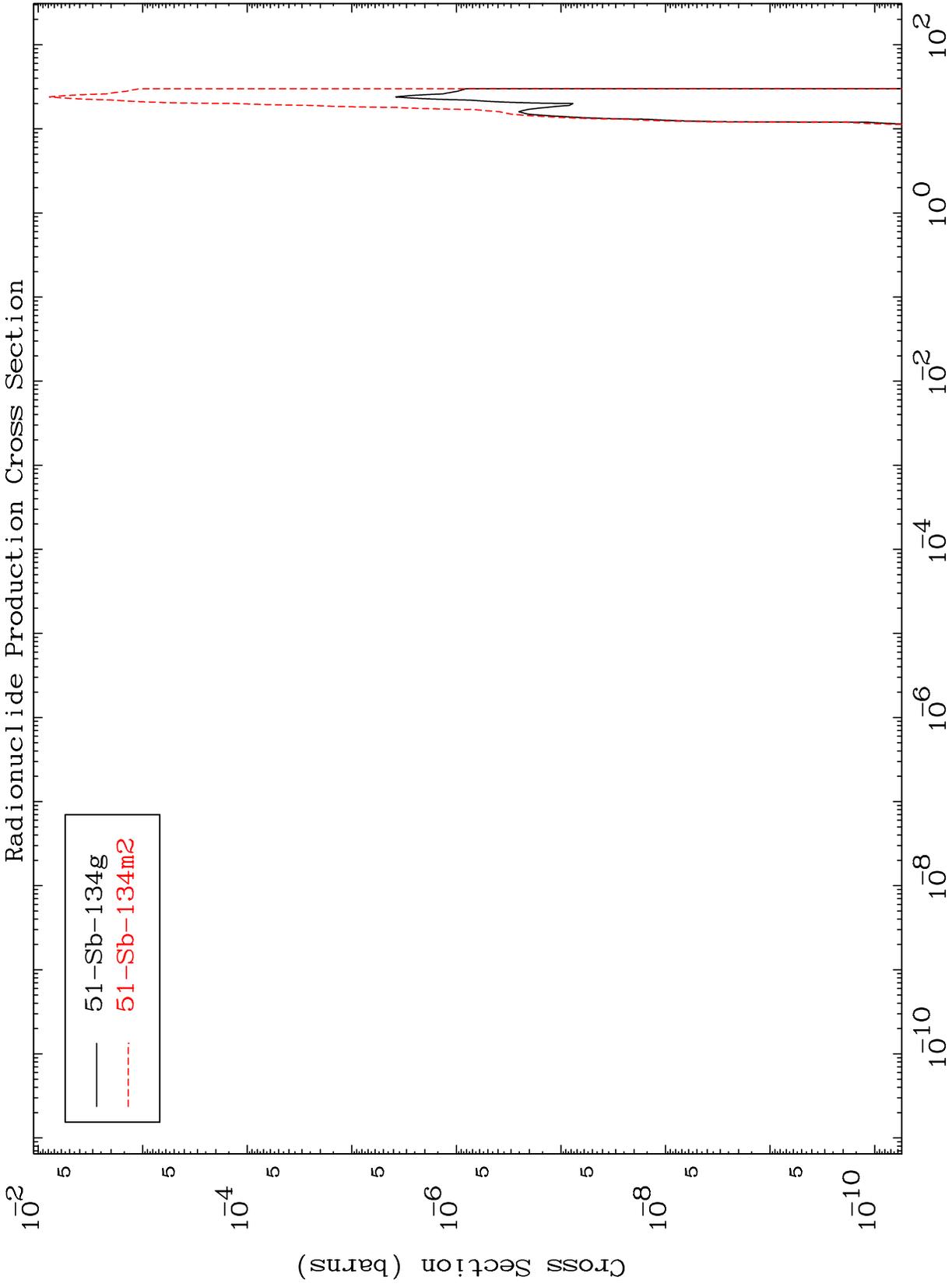
Incident Energy (MeV)

51-Sb-134

MAT 5165

Radionuclide Production Cross Section
(α, α)

51-Sb-134



16

Incident Energy (MeV)

51-Sb-134