

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

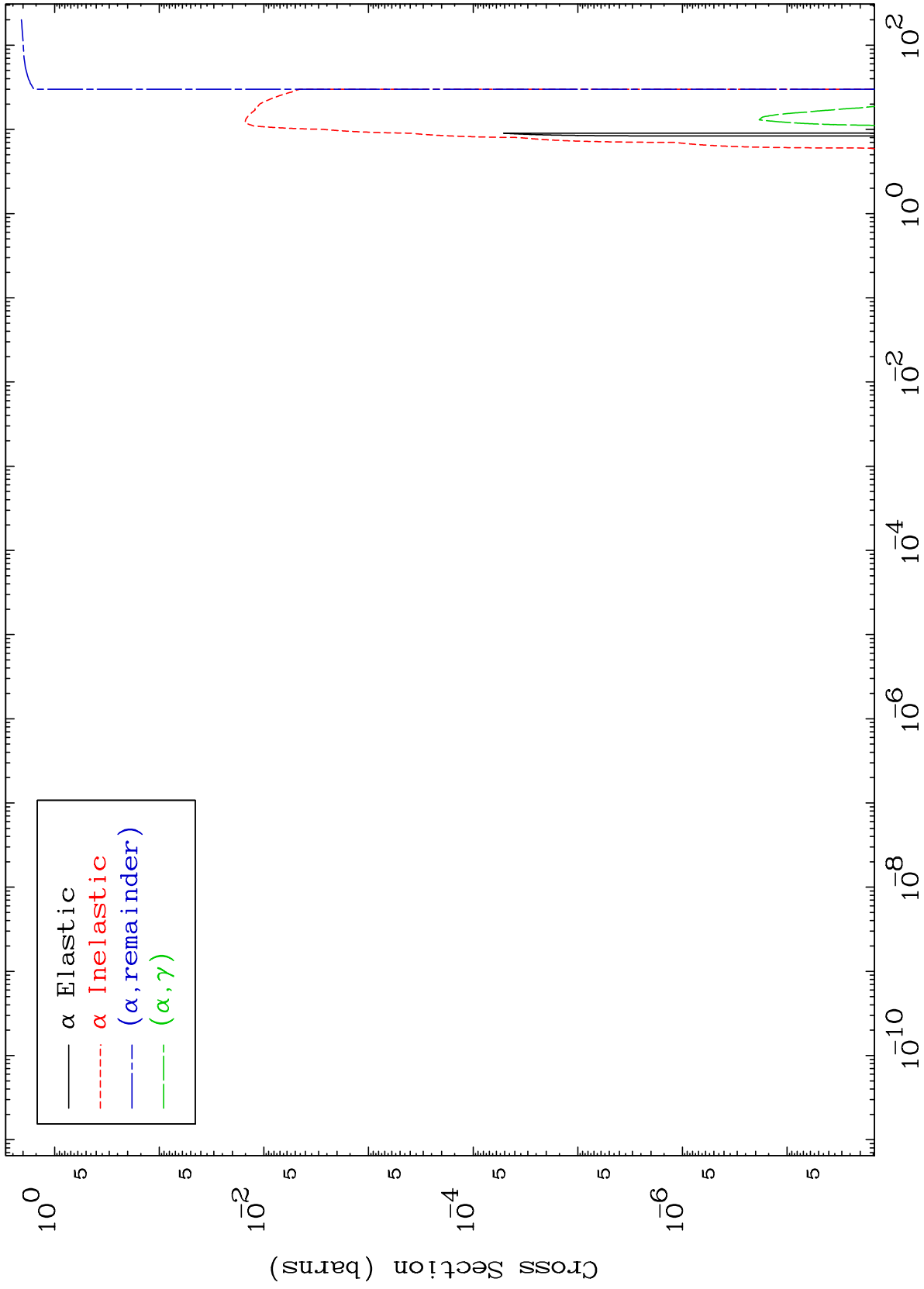
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4158

0 Kelvin α Major

41-Nb-104



1

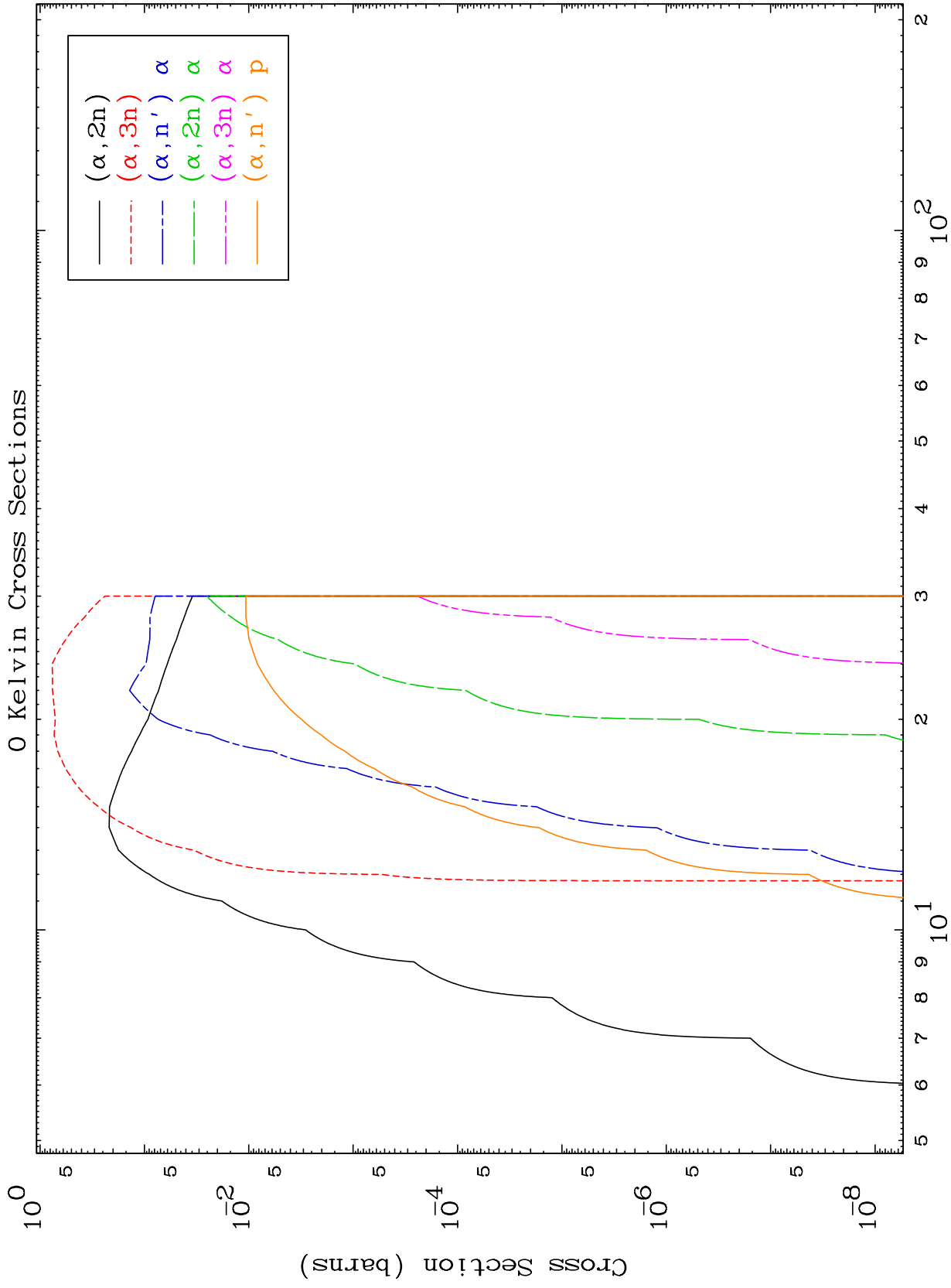
Incident Energy (MeV)

41-Nb-104

MAT 4158

α Neutron Production
0 Kelvin Cross Sections

41-Nb-104



2

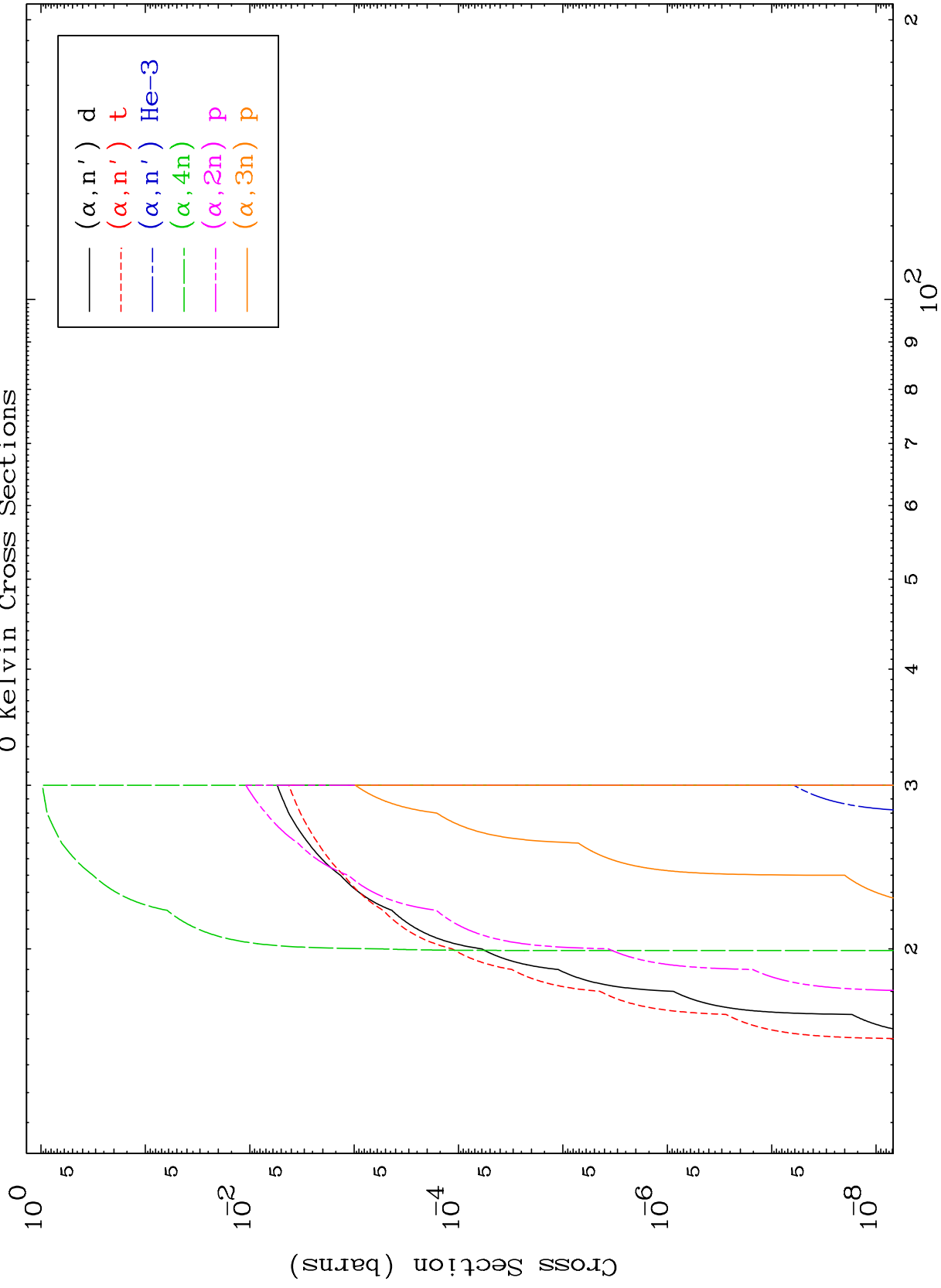
Incident Energy (MeV)

41-Nb-104

MAT 4158

α Neutron Production
0 Kelvin Cross Sections

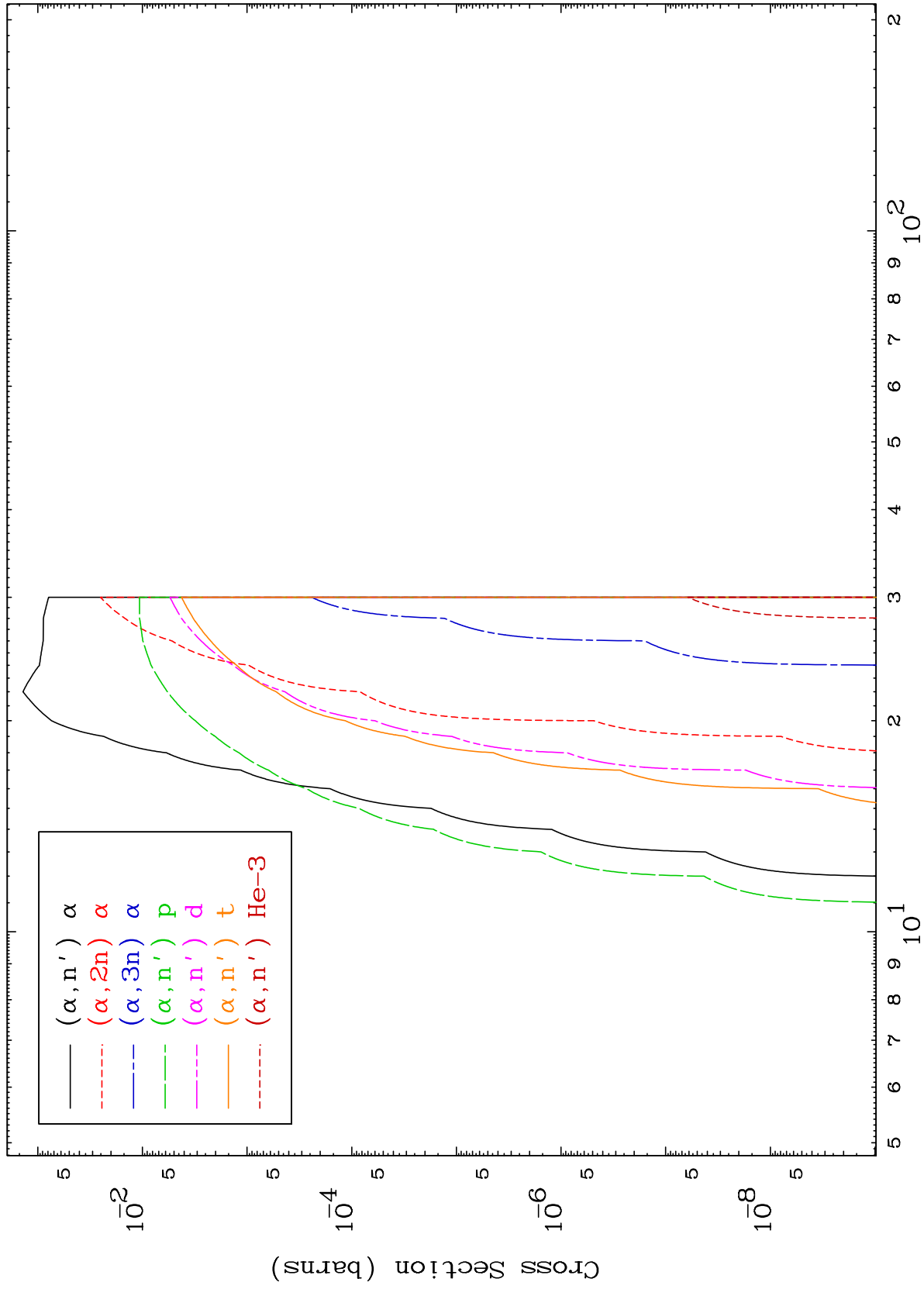
41-Nb-104



3

Incident Energy (MeV)

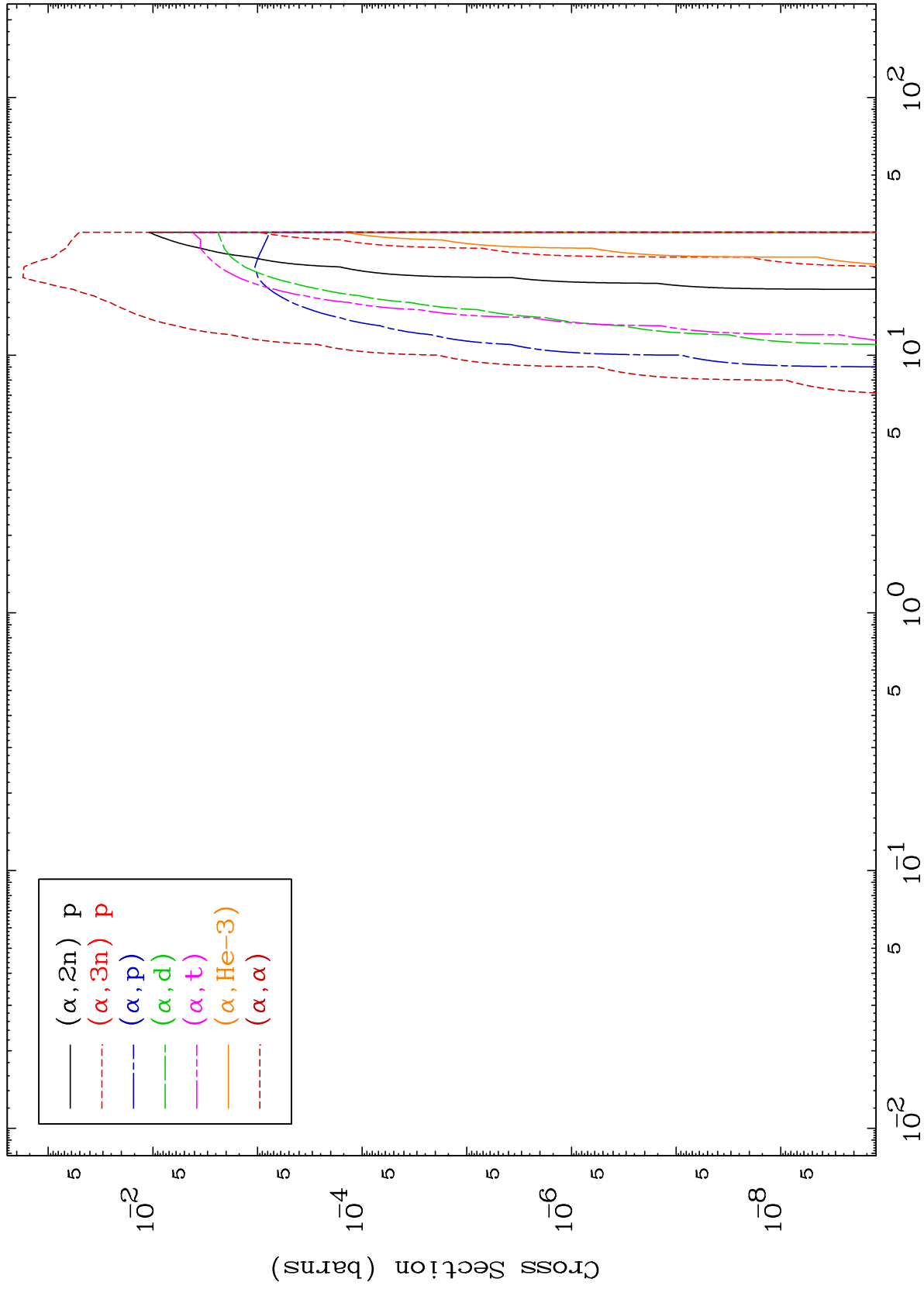
41-Nb-104



MAT 4158

α Charged Particle
0 Kelvin Cross Sections

41-Nb-104

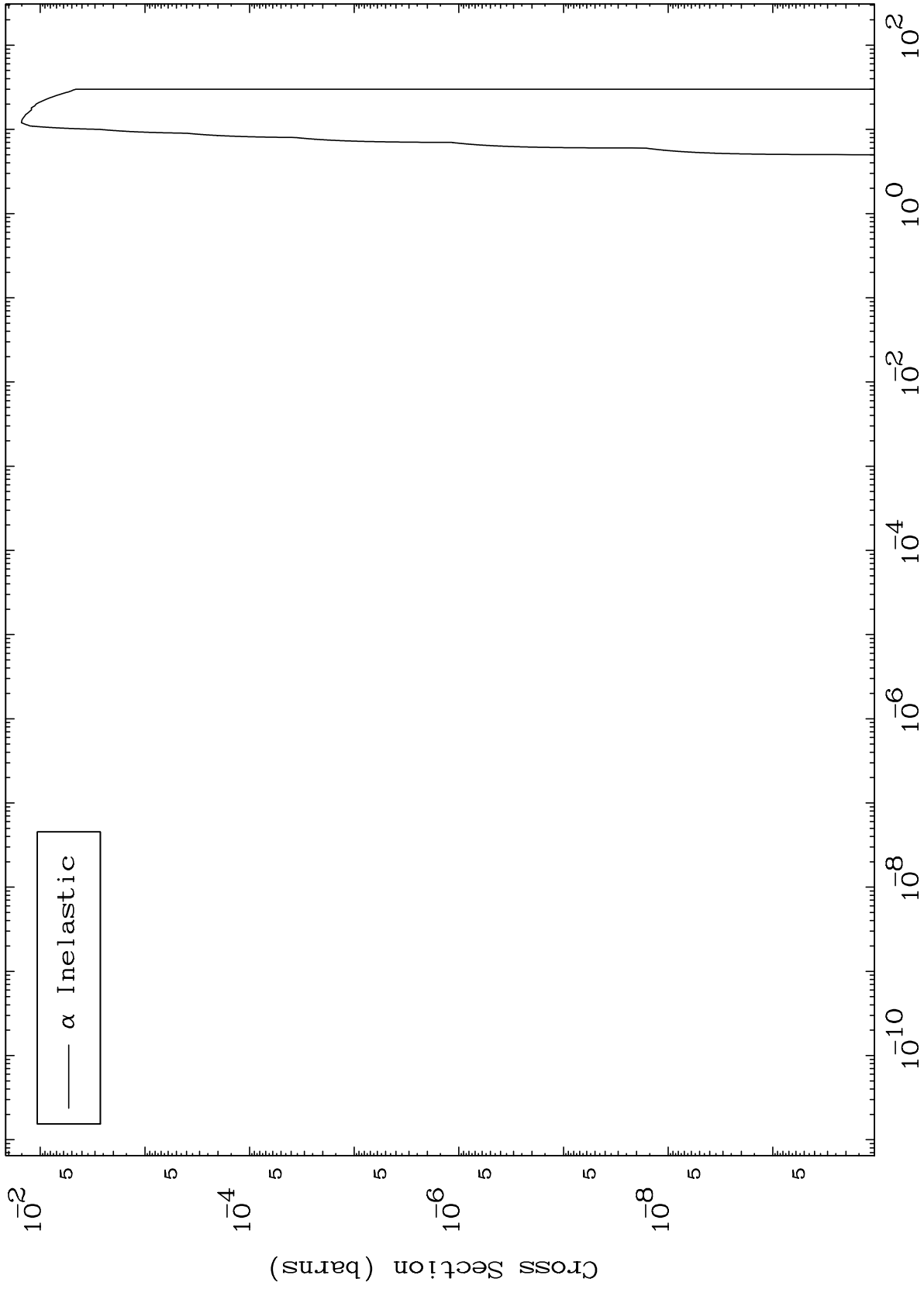


41-Nb-104

MAT 4158

(α, n') Level
0 Kelvin Cross Sections

41-Nb-104



6

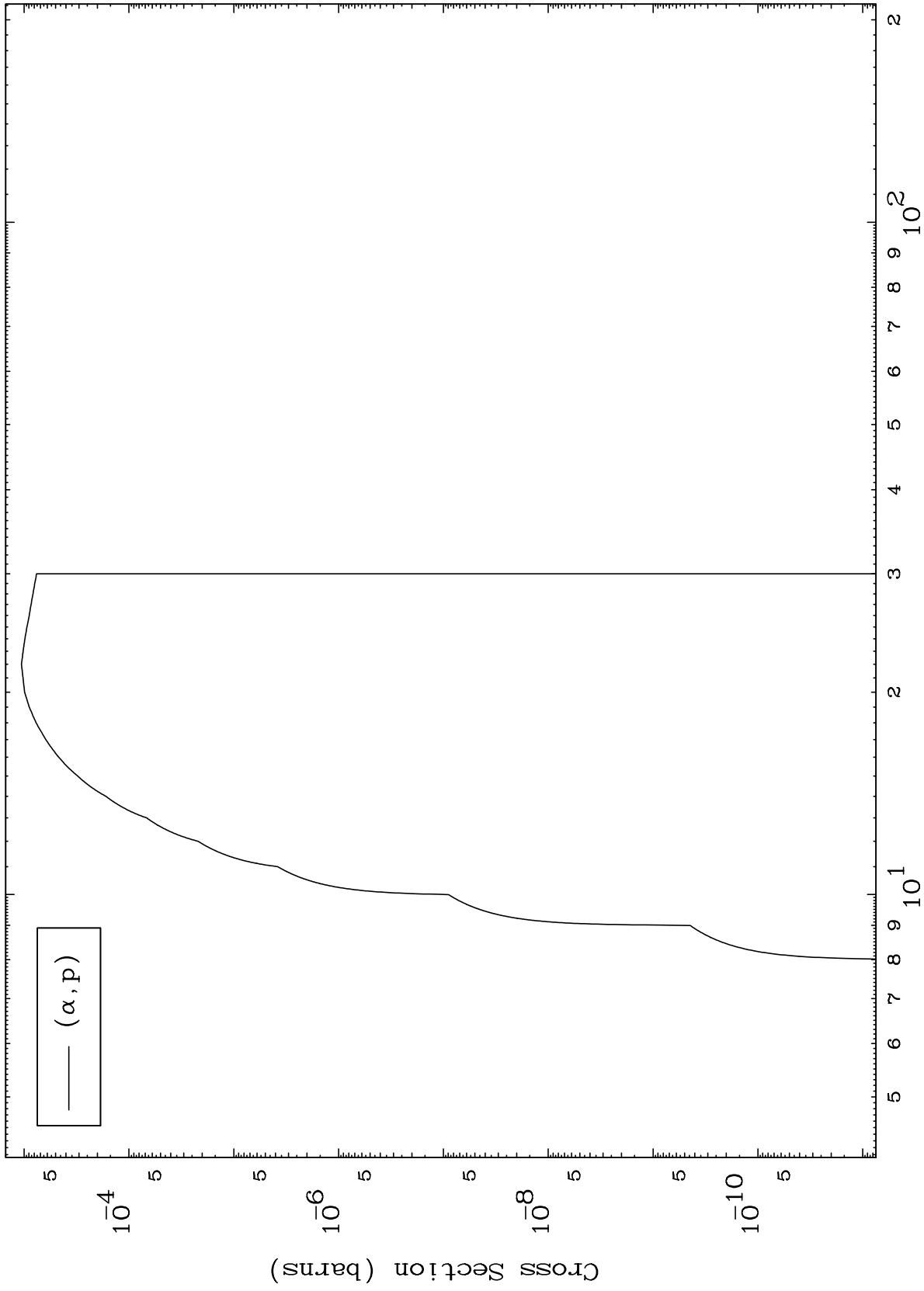
Incident Energy (MeV)

41-Nb-104

MAT 4158

41-Nb-104

(α, p) Levels
0 Kelvin Cross Sections



7

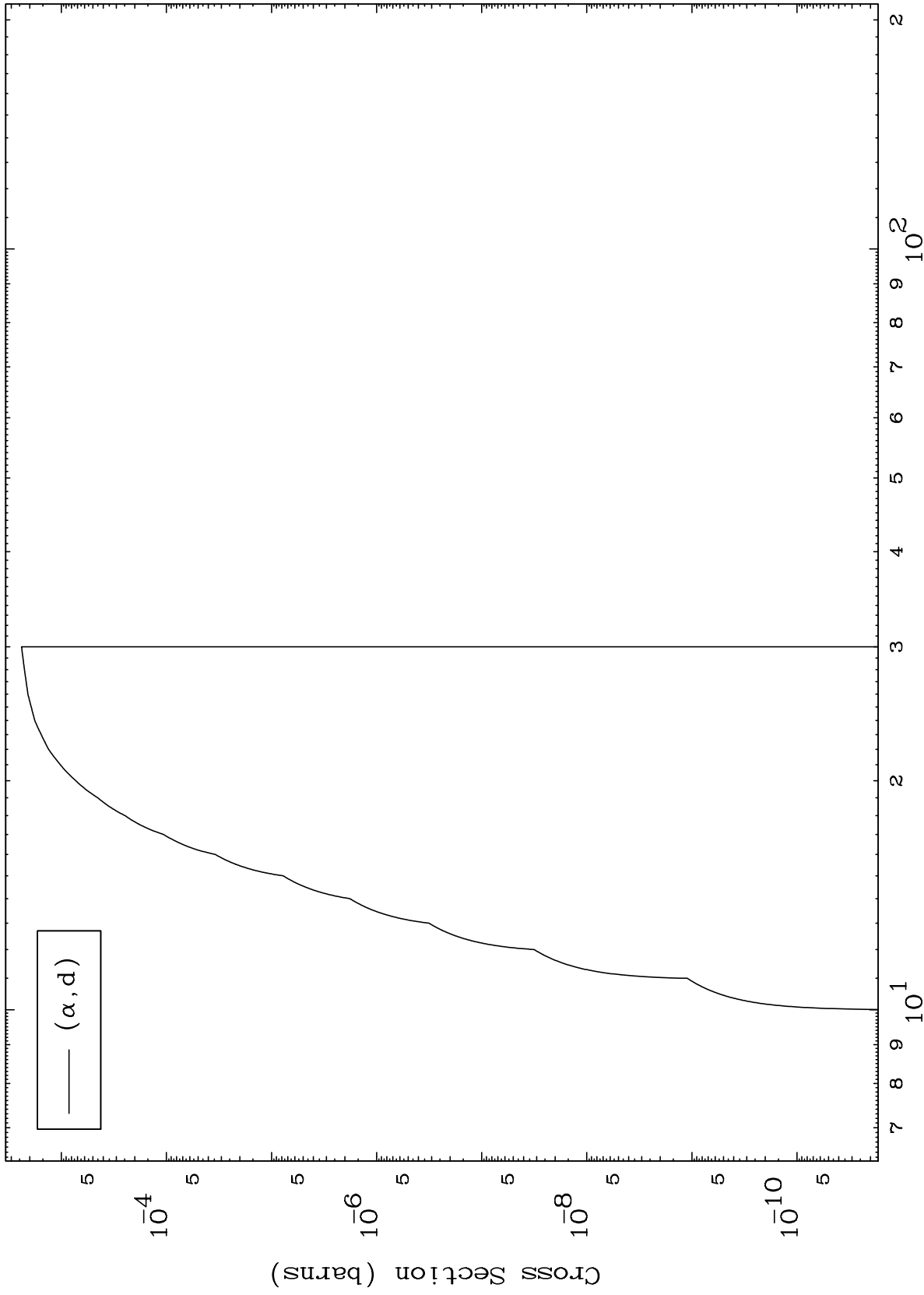
Incident Energy (MeV)

41-Nb-104

MAT 4158

(α, d) Levels
0 Kelvin Cross Sections

41-Nb-104



8

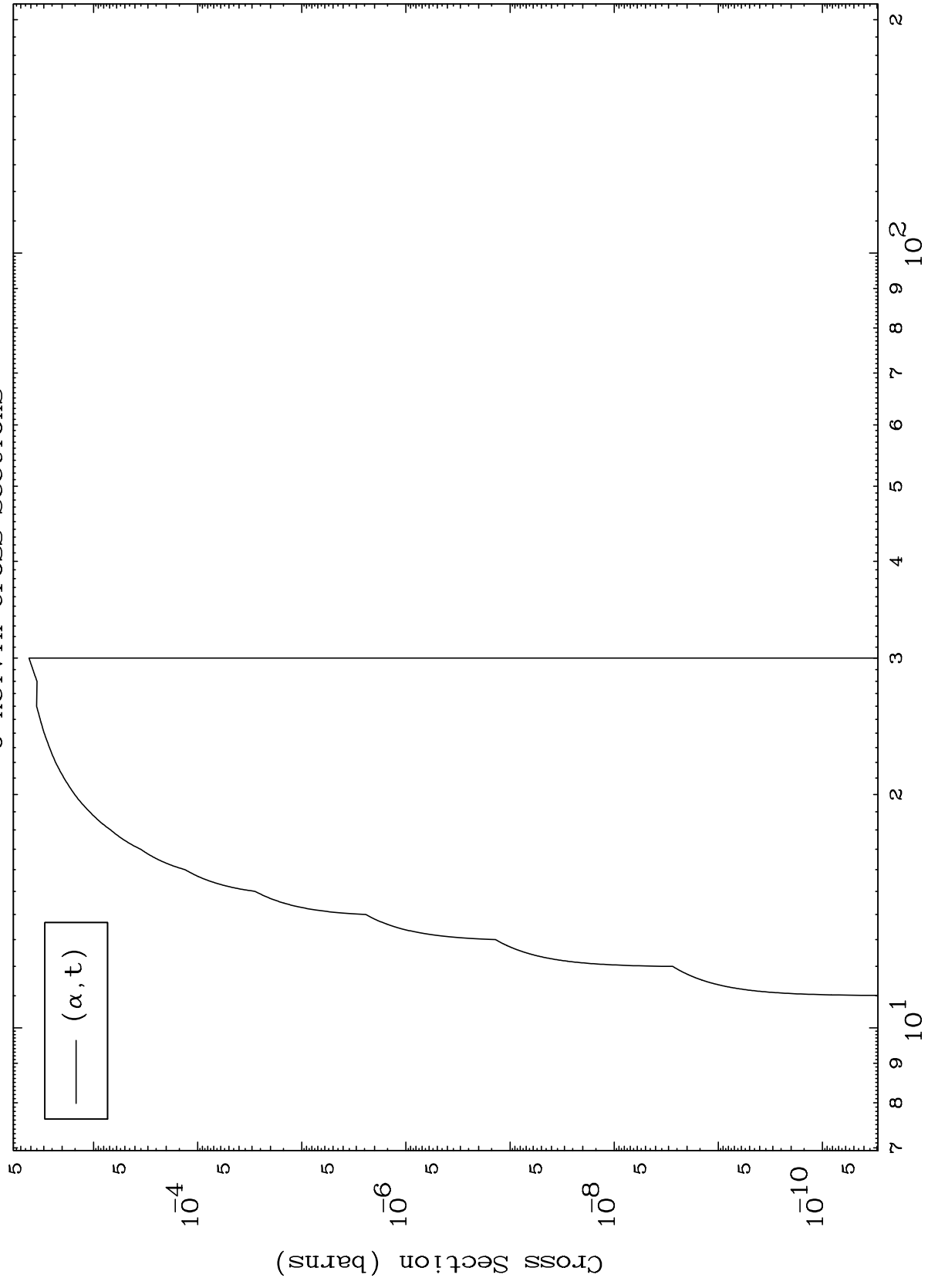
Incident Energy (MeV)

41-Nb-104

MAT 4158

(α, t) Levels
0 Kelvin Cross Sections

41-Nb-104



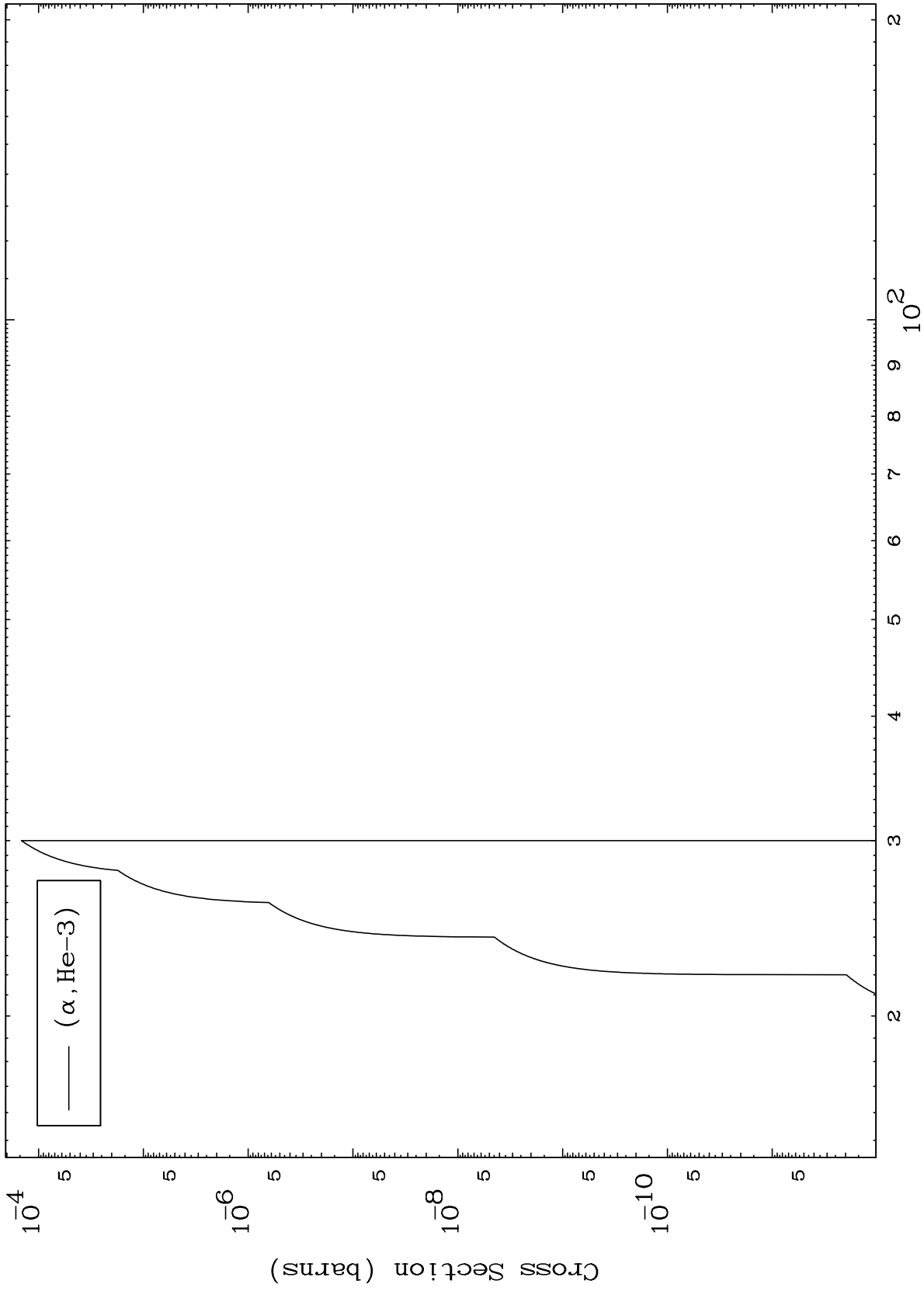
9

41-Nb-104

MAT 4158

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

41-Nb-104



10

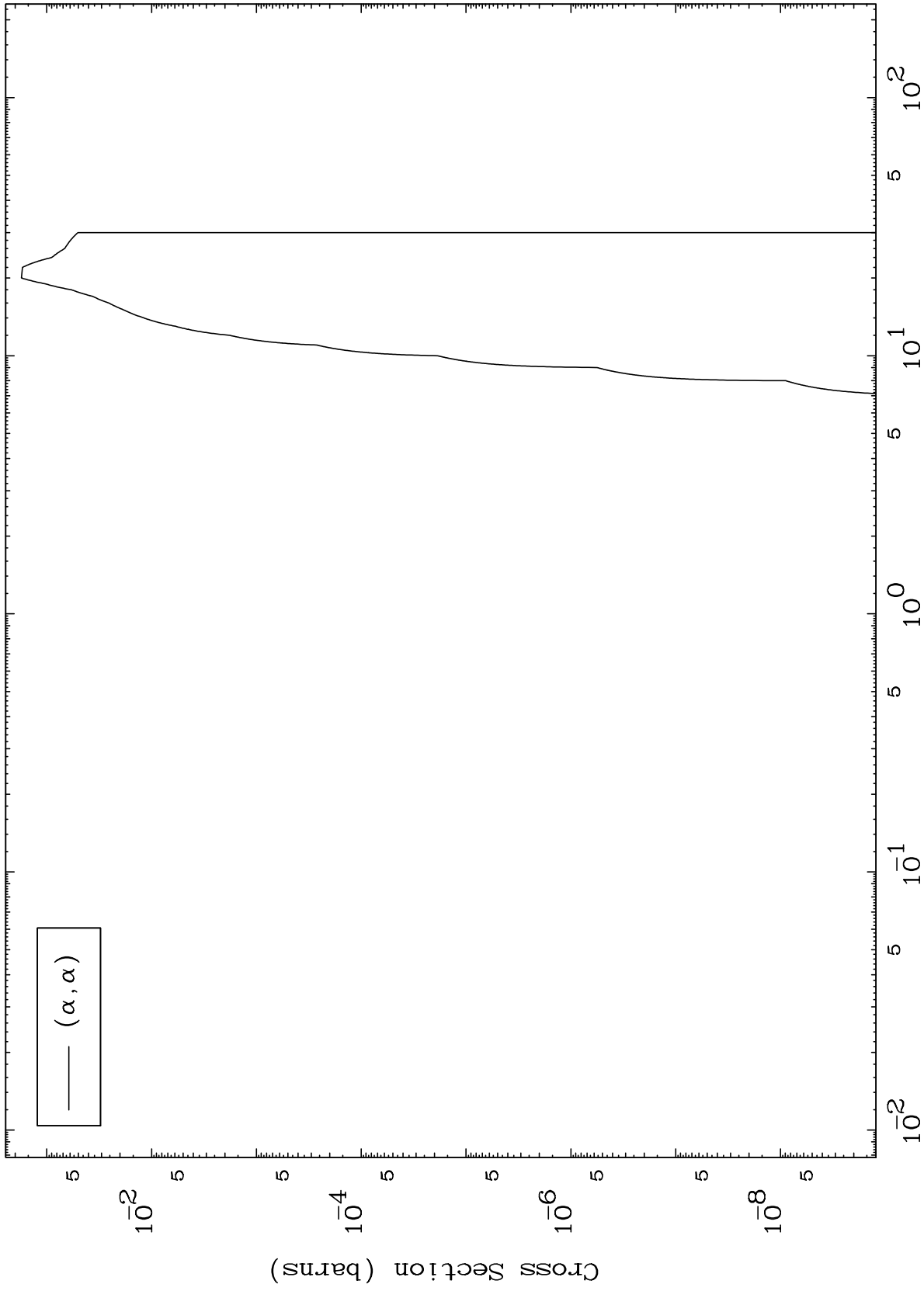
Incident Energy (MeV)

41-Nb-104

MAT 4158

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-104



11

Incident Energy (MeV)

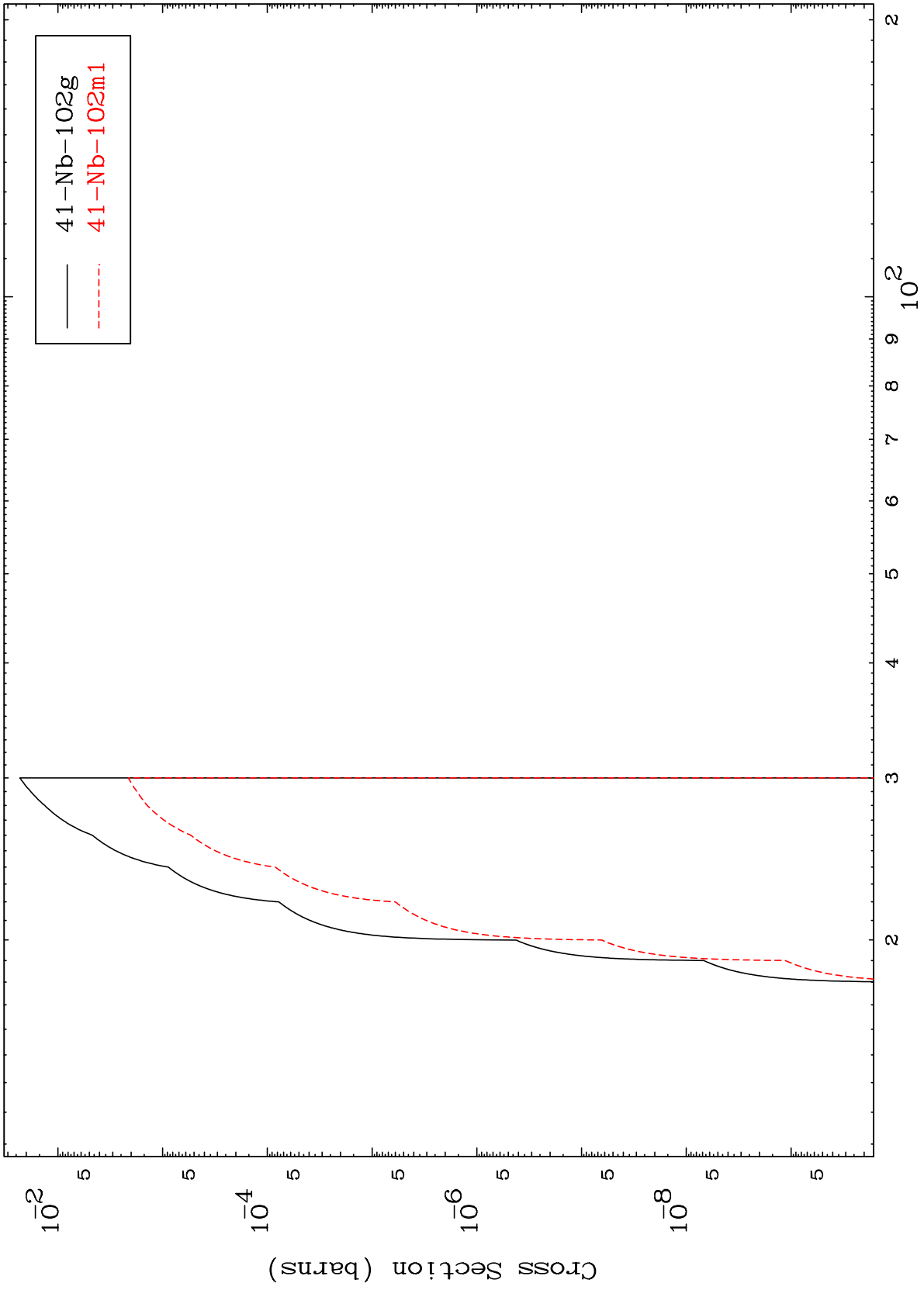
41-Nb-104

MAT 4158

$(\alpha, 2n) \alpha$

41-Nb-104

Radionuclide Production Cross Section



12

Incident Energy (MeV)

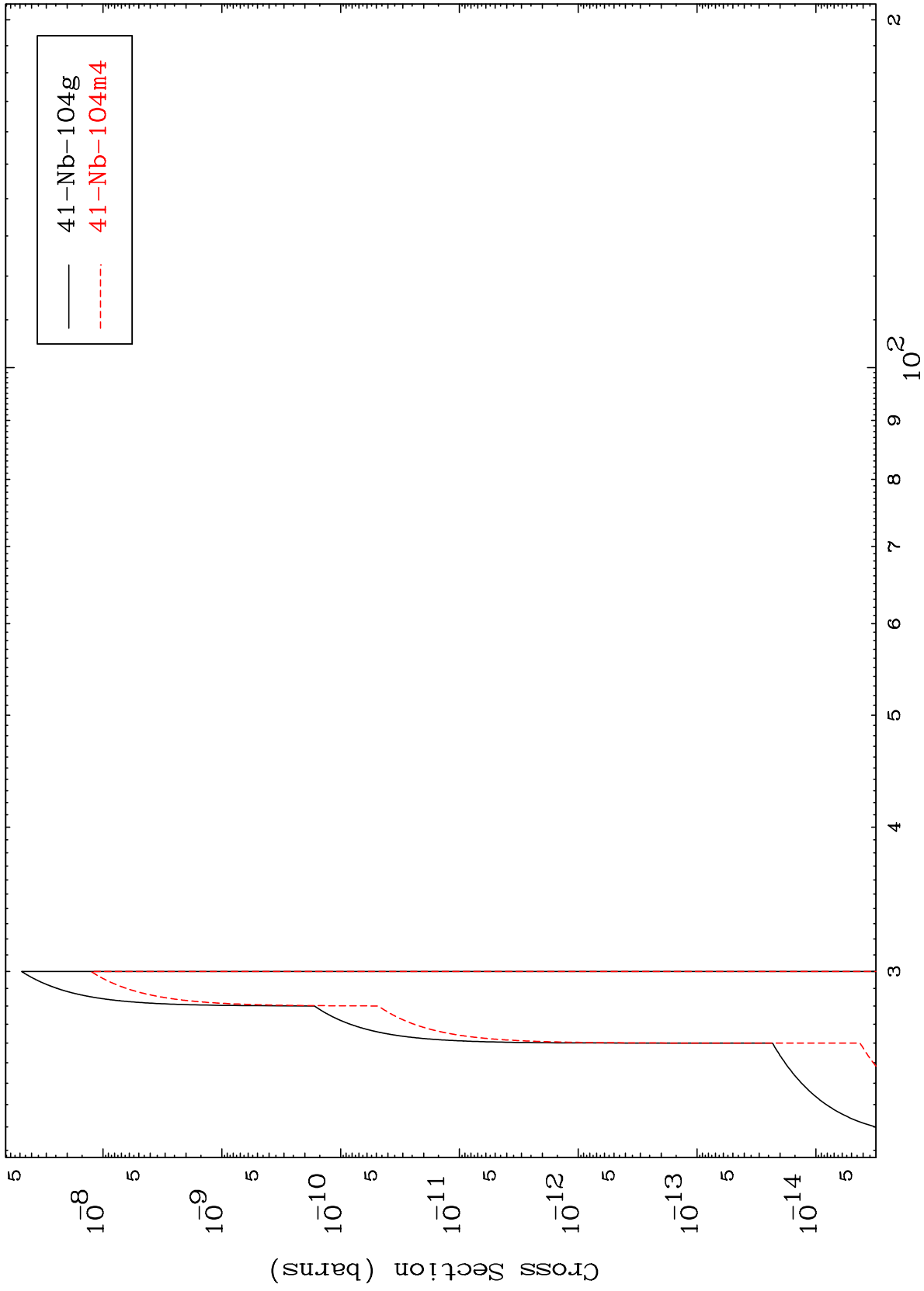
41-Nb-104

MAT 4158

(α, n') He-3

41-Nb-104

Radionuclide Production Cross Section



13

Incident Energy (MeV)

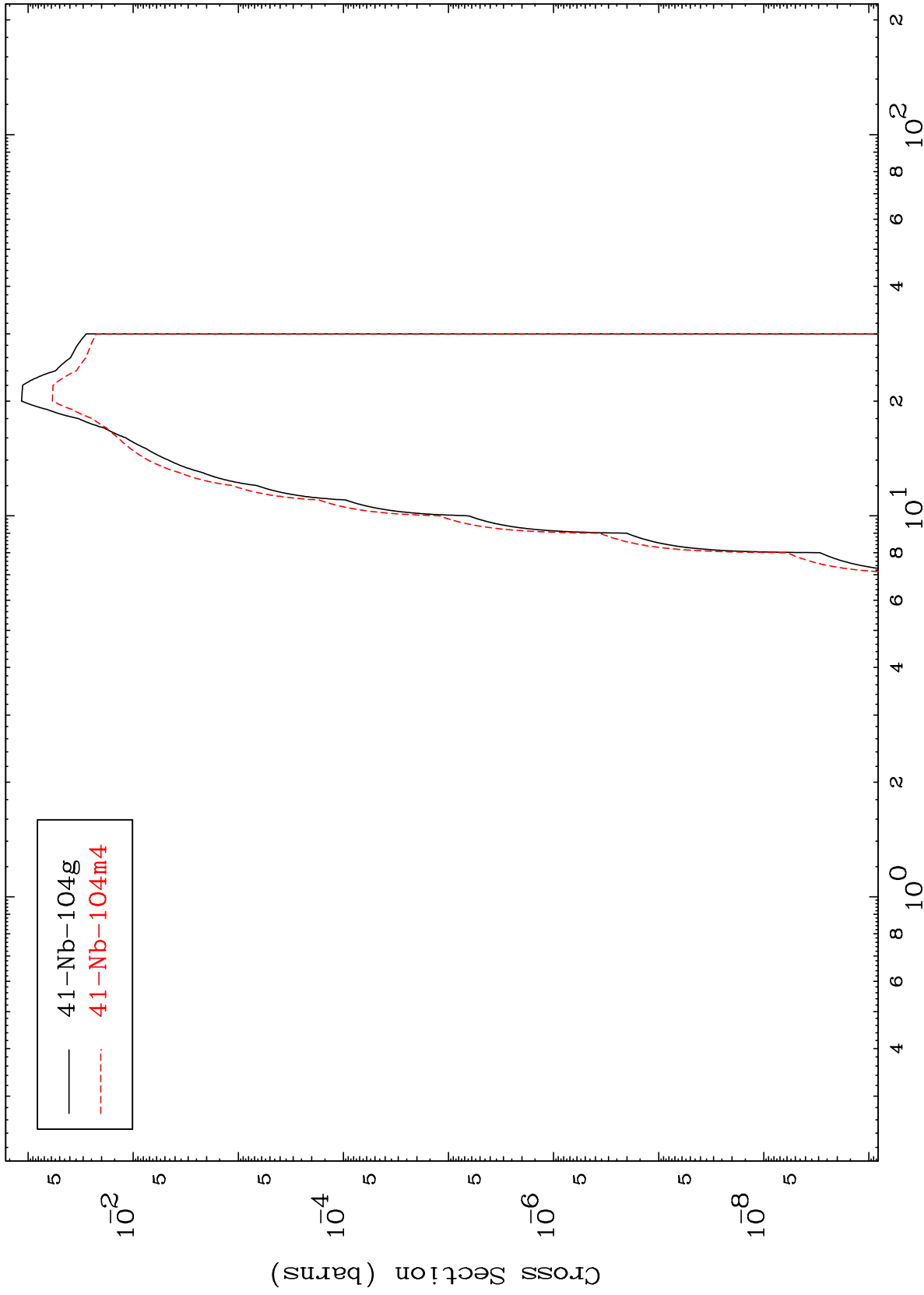
41-Nb-104

MAT 4158

(α, α)

41-Nb-104

Radionuclide Production Cross Section



14

Incident Energy (MeV)

41-Nb-104