

Program EVALPLOT
(Version 2018-1)

by

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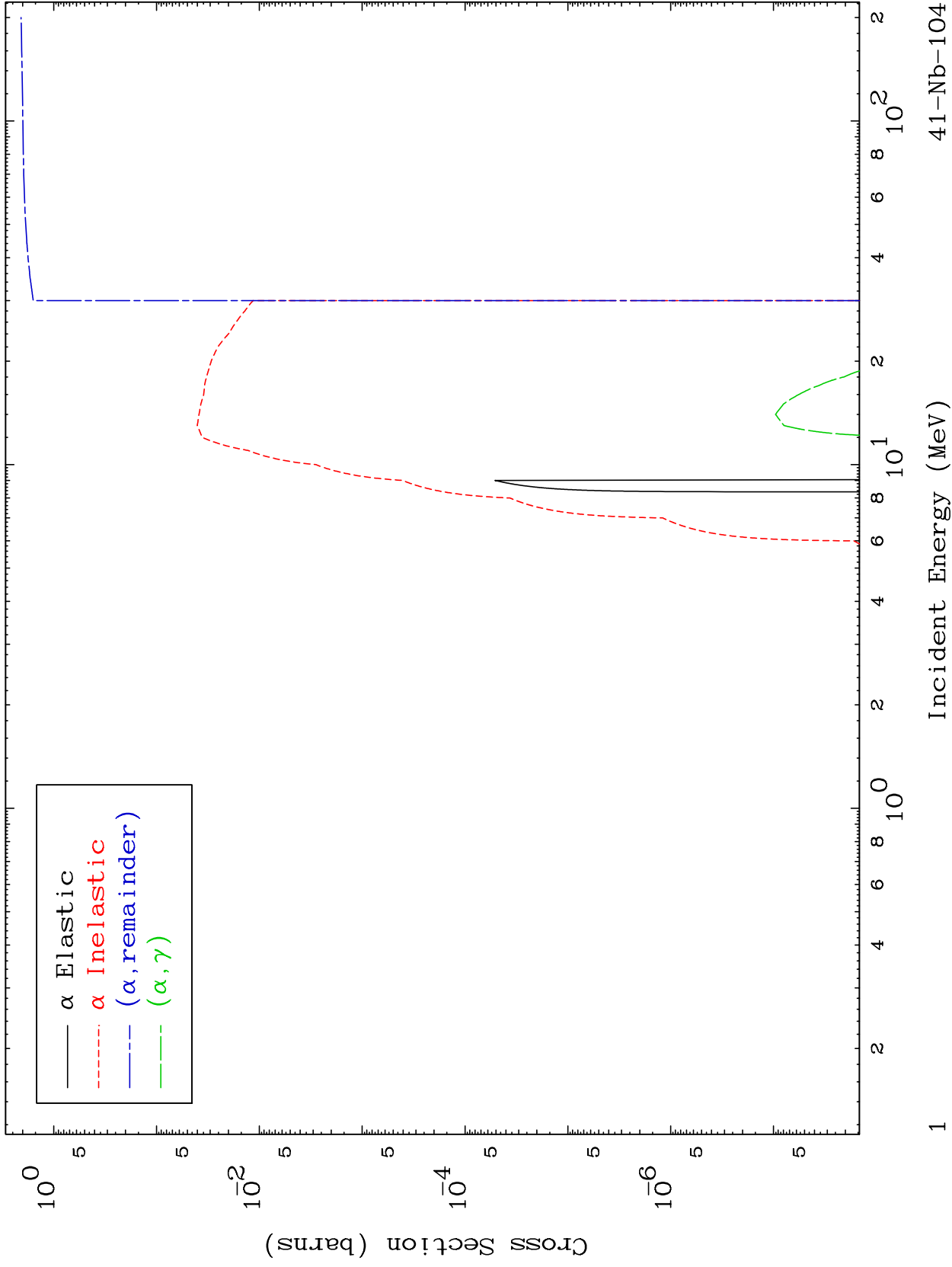
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4158

0 Kelvin Major α Major

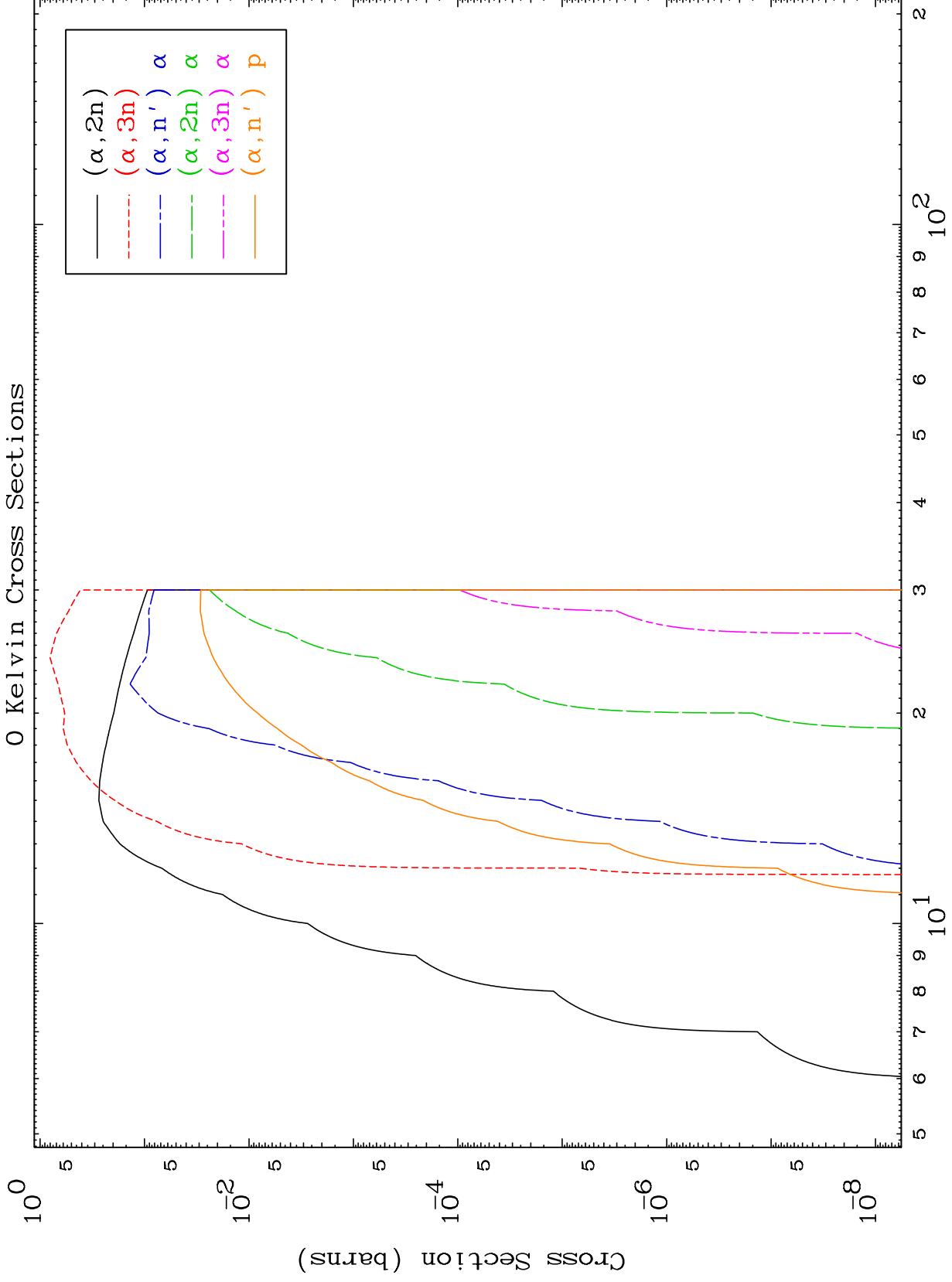
41-Nb-104



MAT 4158

α Neutron Production
0 Kelvin Cross Sections

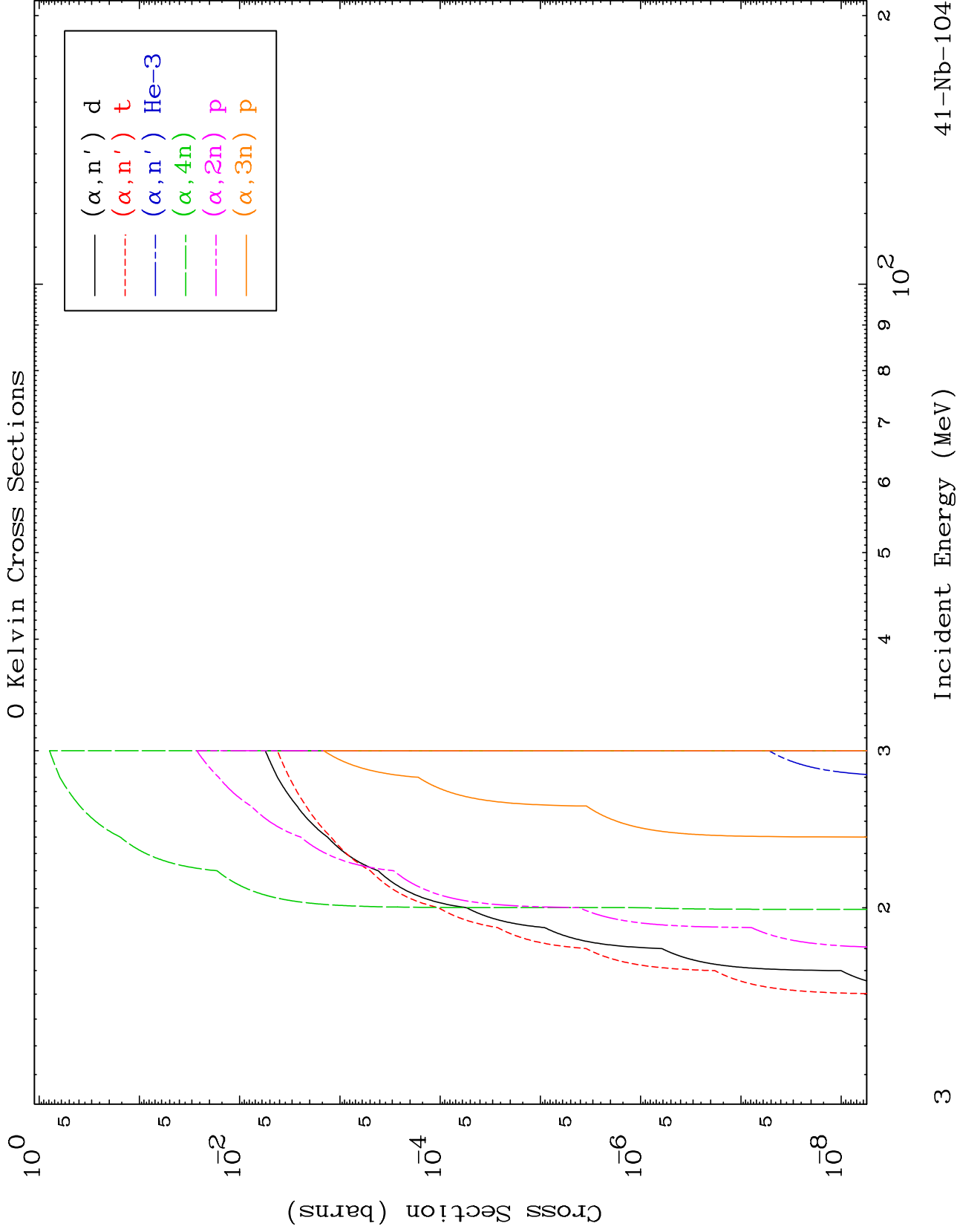
41-Nb-104

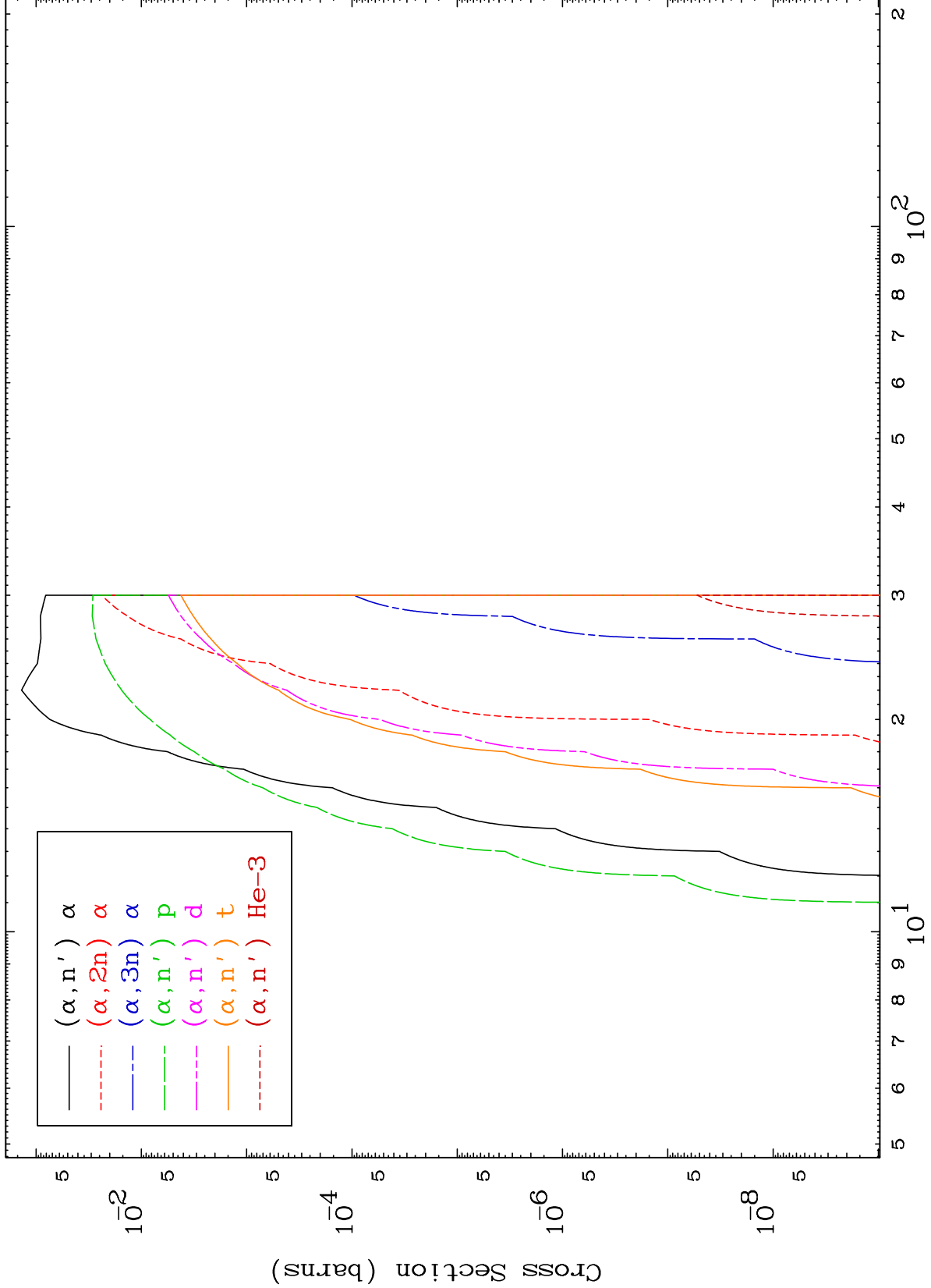


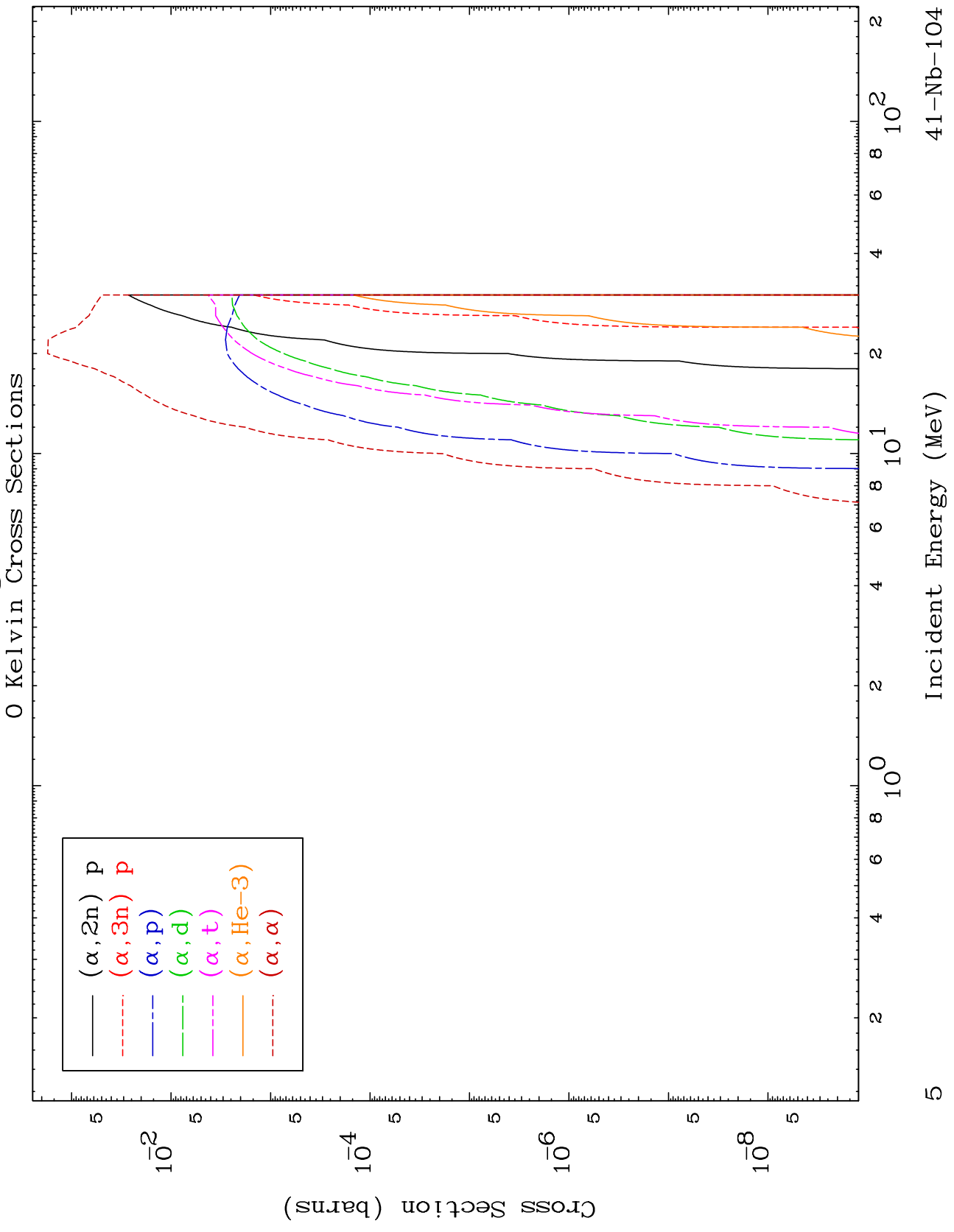
Incident Energy (MeV)

41-Nb-104

2





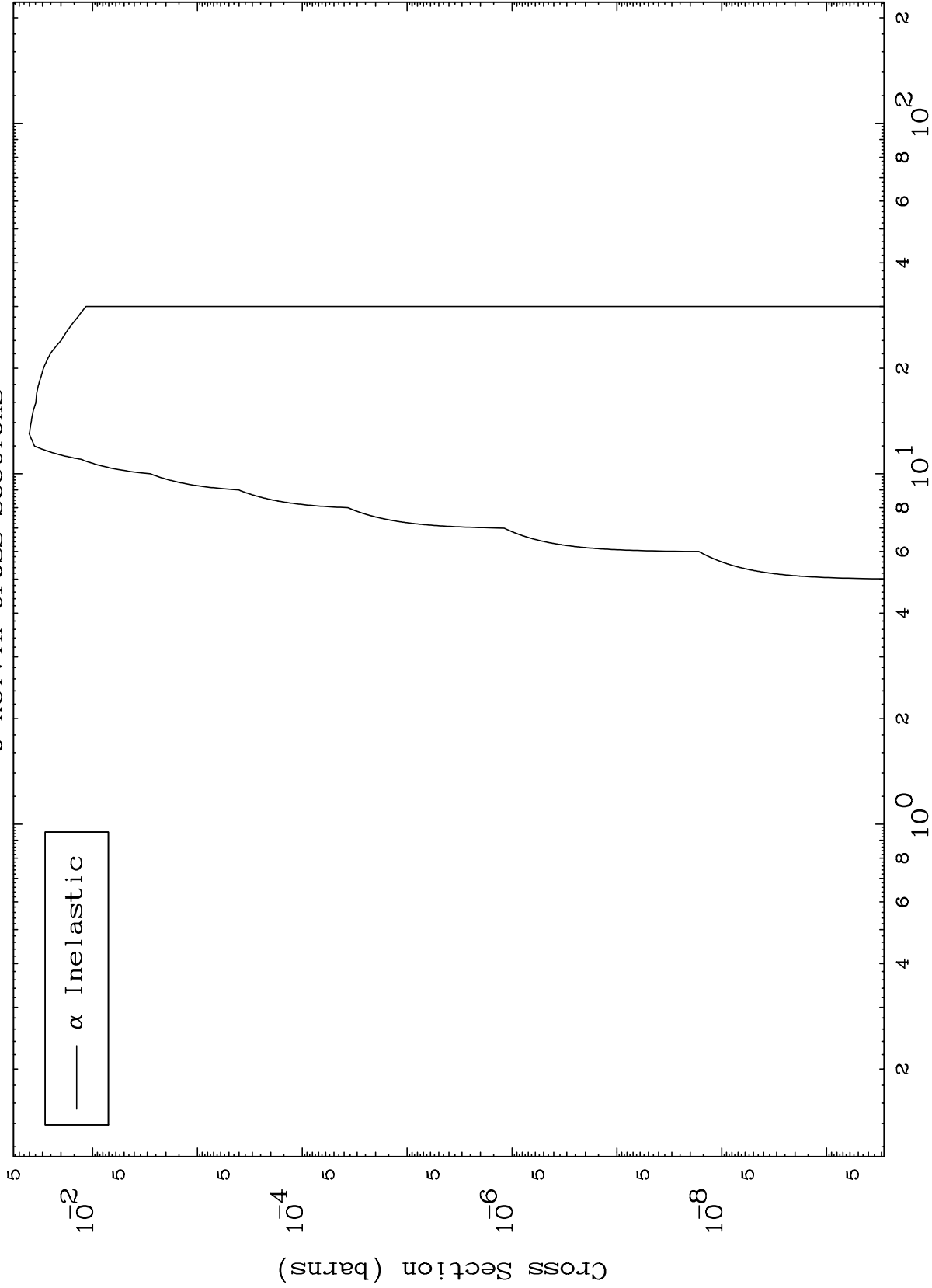


MAT 4158

(α, n') Level

41-Nb-104

0 Kelvin Cross Sections



6

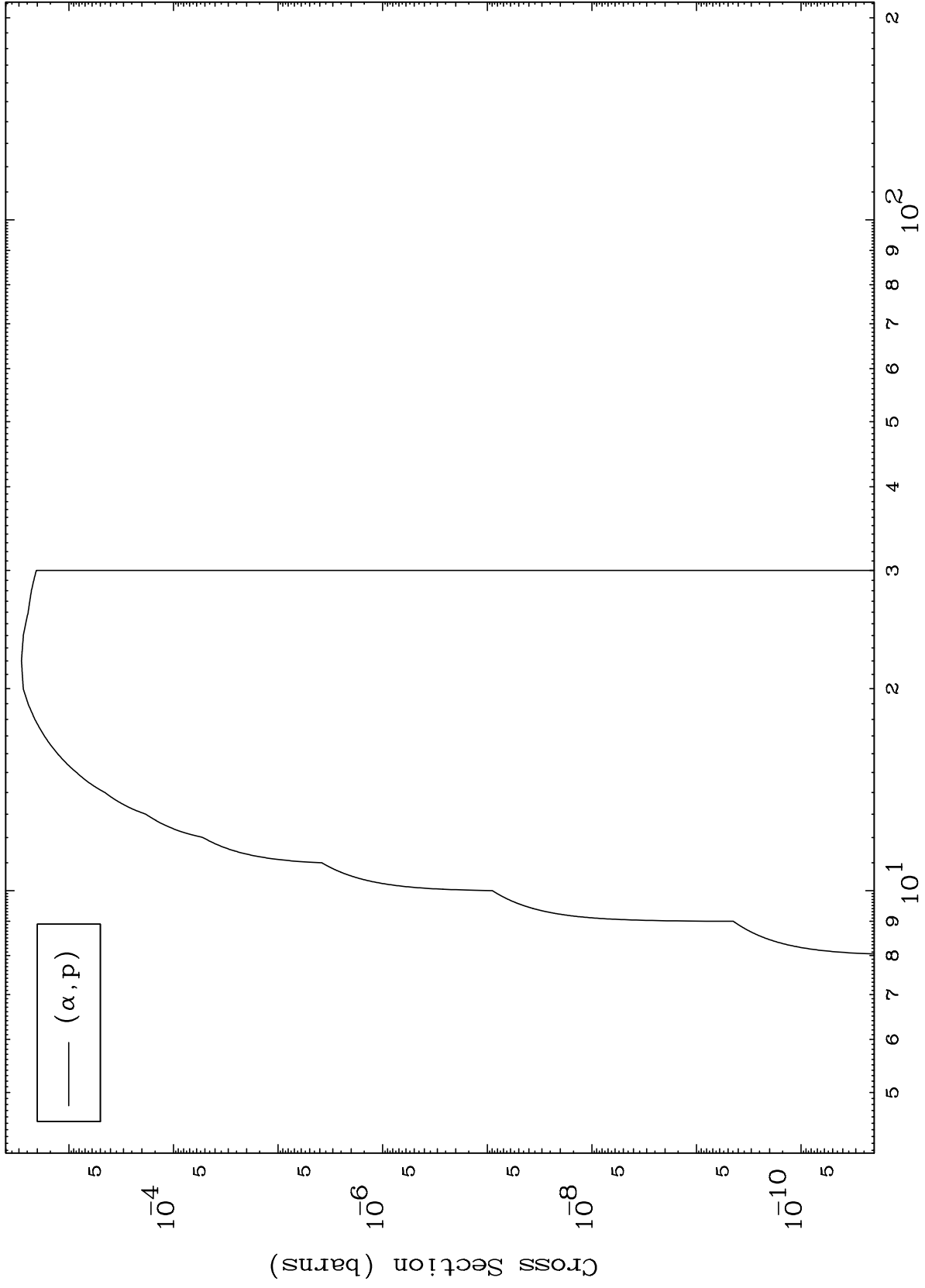
Incident Energy (MeV)

41-Nb-104

MAT 4158

41-Nb-104

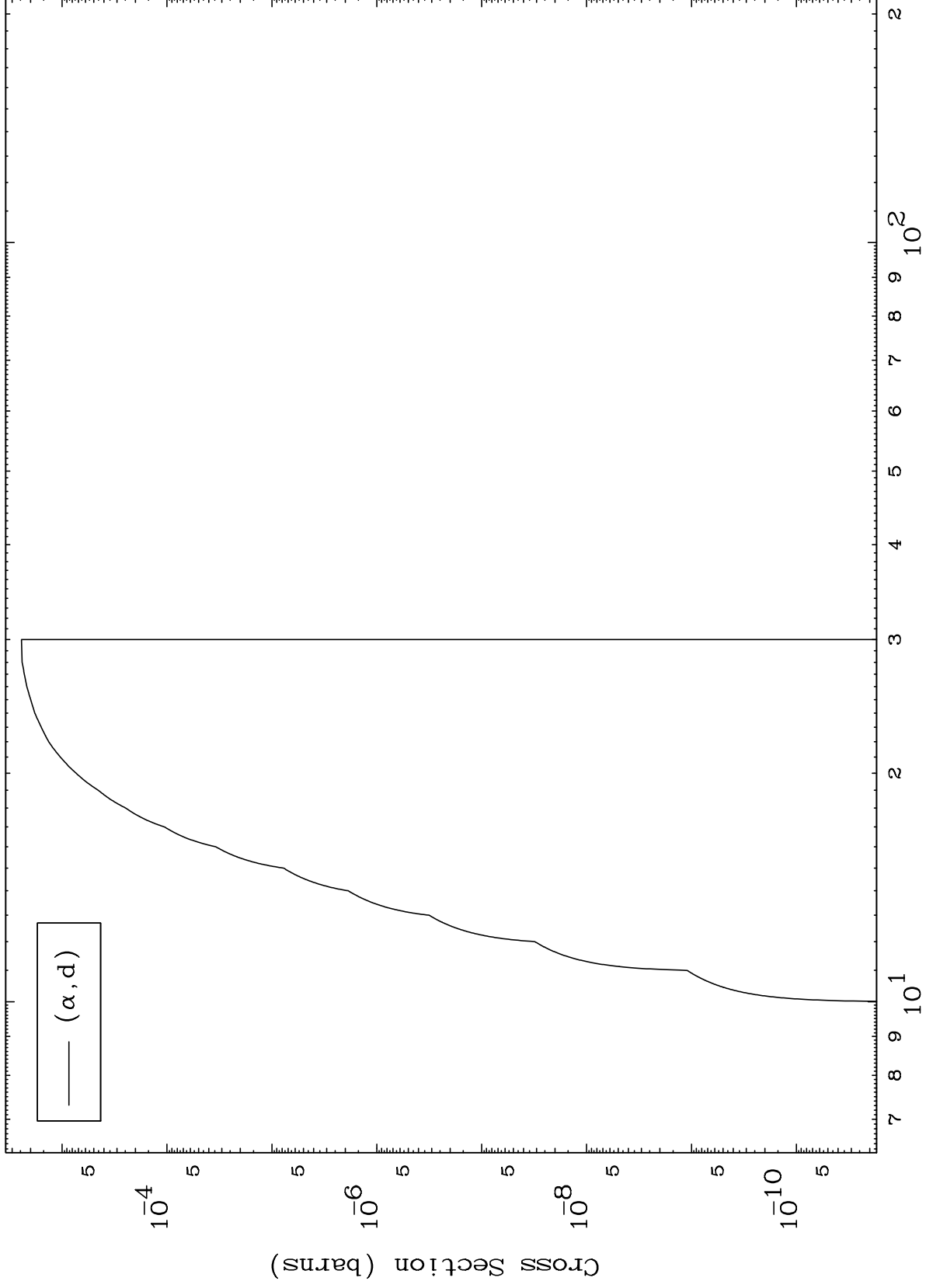
(α, p) Levels
0 Kelvin Cross Sections



MAT 4158

(α, d) Levels
0 Kelvin Cross Sections

41-Nb-104



8

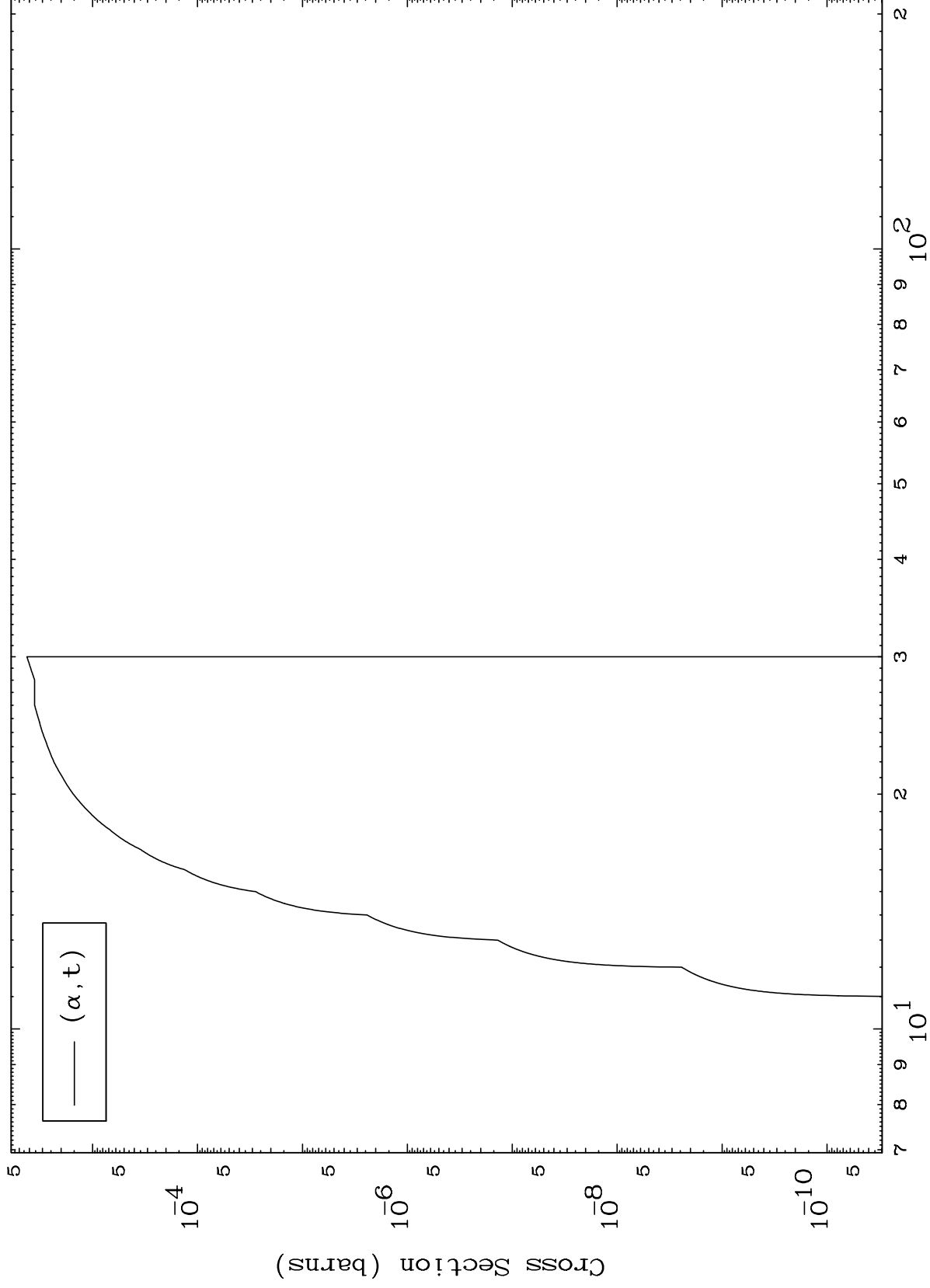
Incident Energy (MeV)

41-Nb-104

MAT 4158

(α, t) Levels
0 Kelvin Cross Sections

41-Nb-104



9

Incident Energy (MeV)

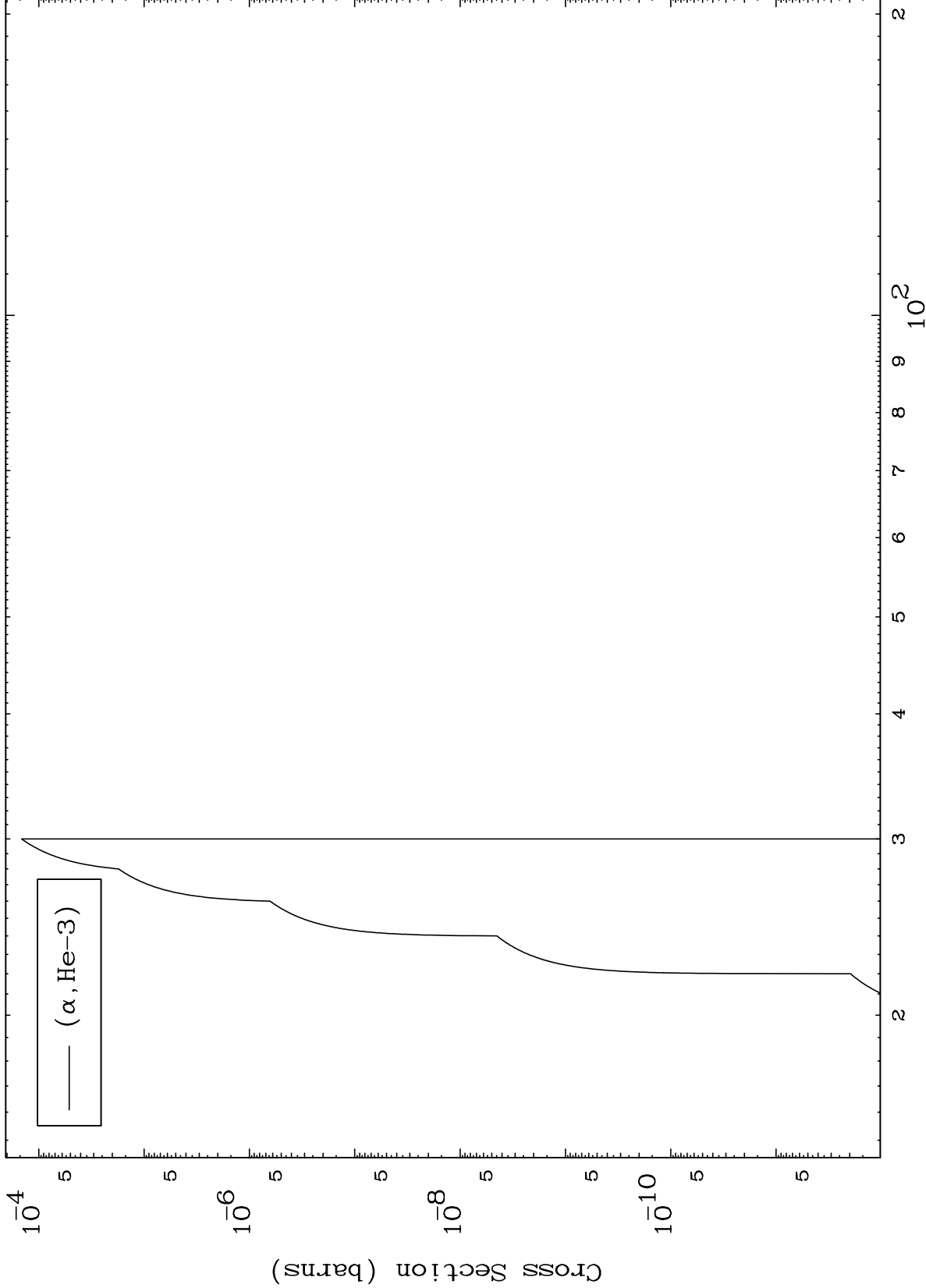
41-Nb-104

MAT 4158

(α , He3) Levels

41-Nb-104

0 Kelvin Cross Sections



10

Incident Energy (MeV)

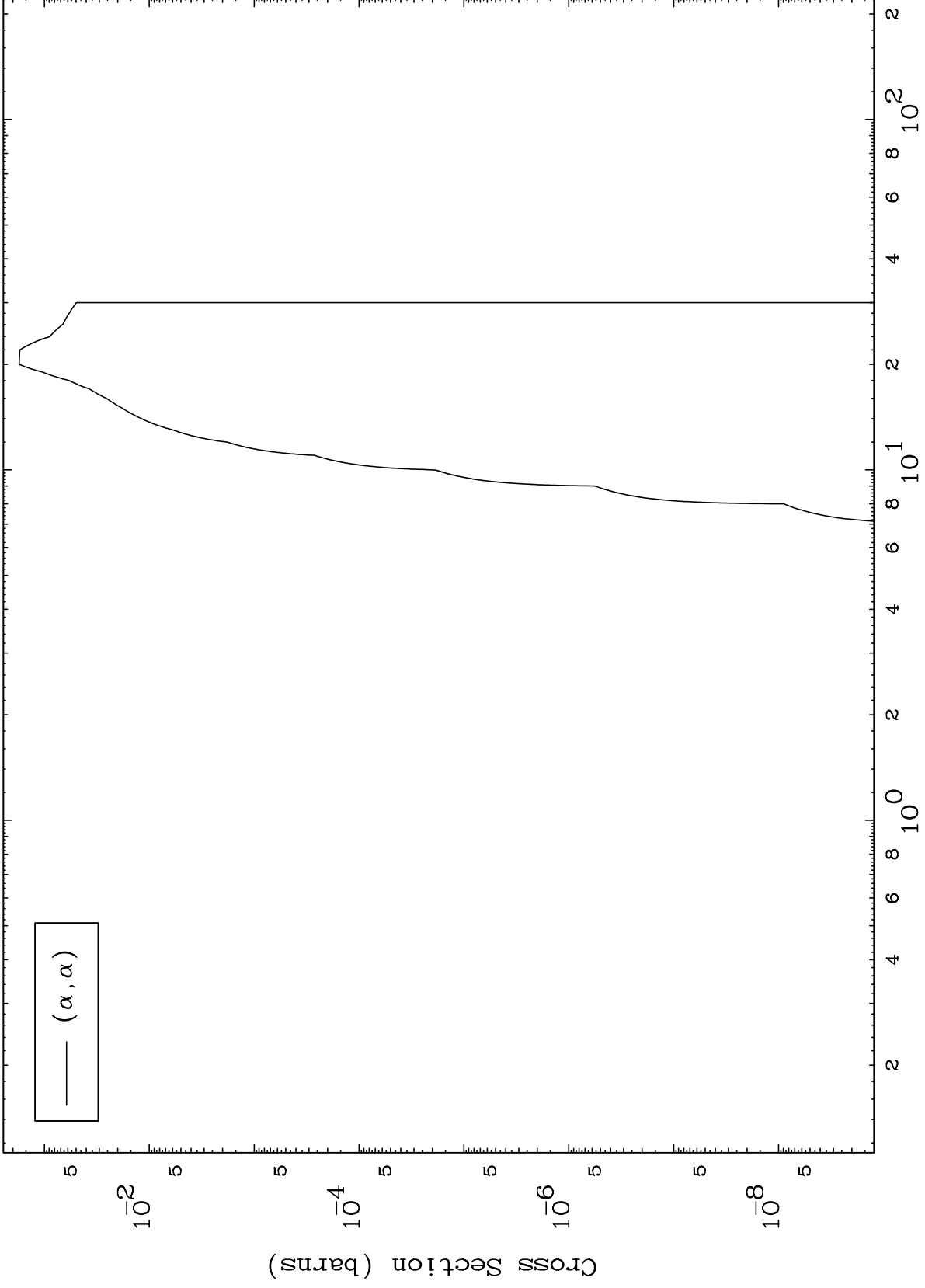
41-Nb-104

MAT 4158

(α, α) Levels

41-Nb-104

0 Kelvin Cross Sections

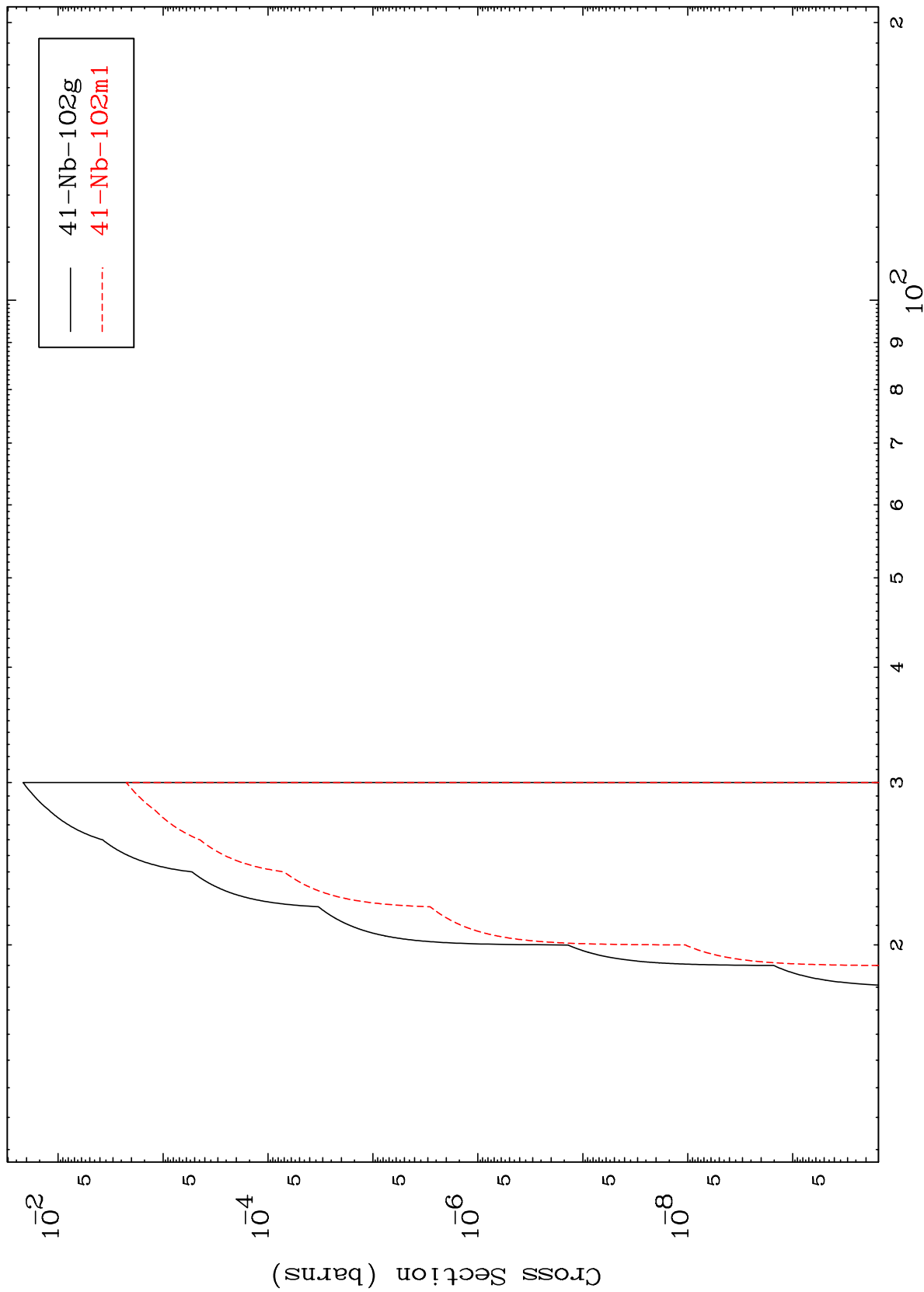


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$(\alpha, 2n) \alpha$

41-Nb-104

Radionuclide Production Cross Section



12

Incident Energy (MeV)

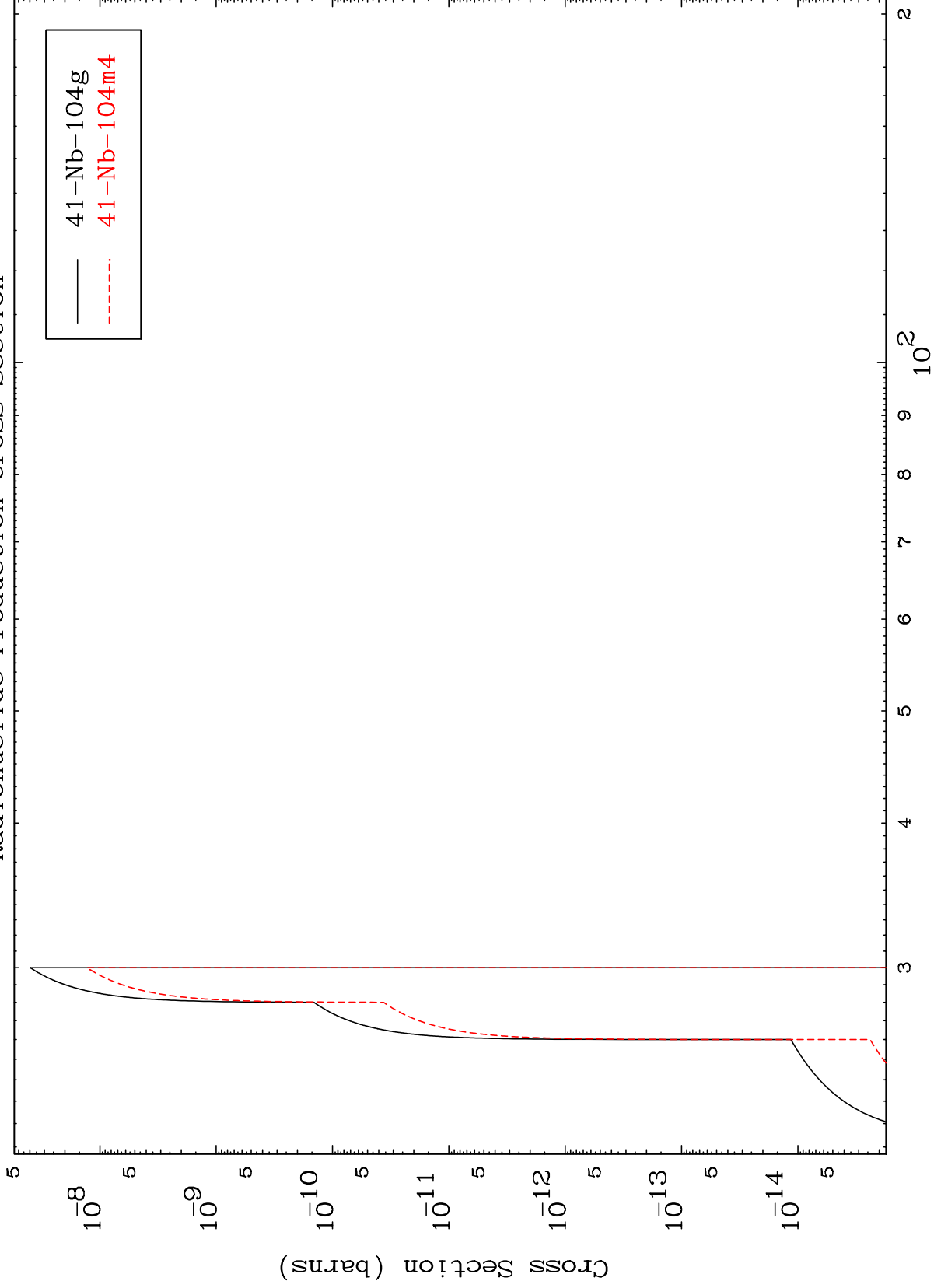
41-Nb-104

MAT 4158

(α, n') He-3

41-Nb-104

Radionuclide Production Cross Section



13

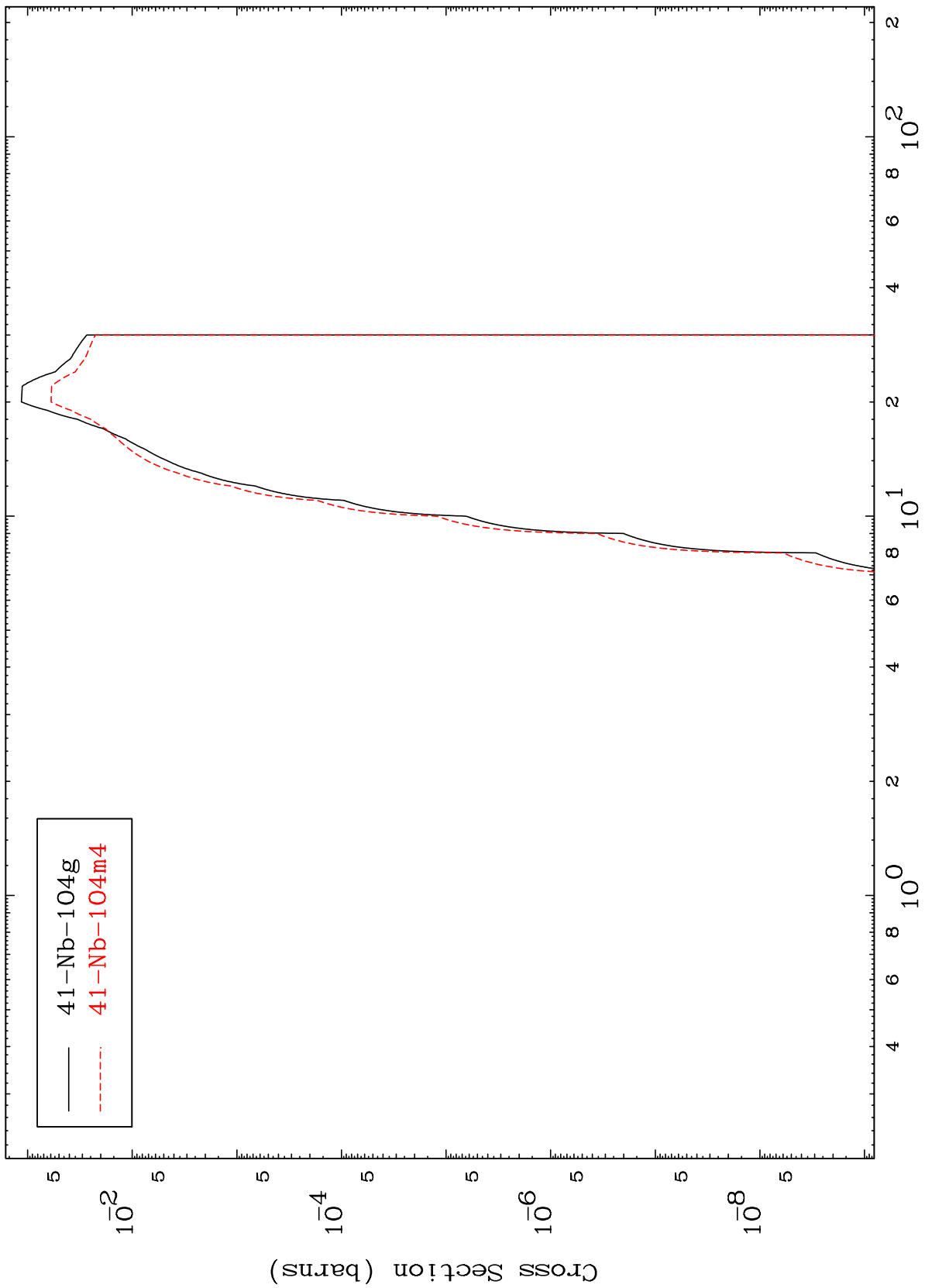
Incident Energy (MeV)

41-Nb-104

MAT 4158

41-Nb-104

Radionuclide Production Cross Section
(α, α)



41-Nb-104g
41-Nb-104m4

41-Nb-104

Incident Energy (MeV)

14