

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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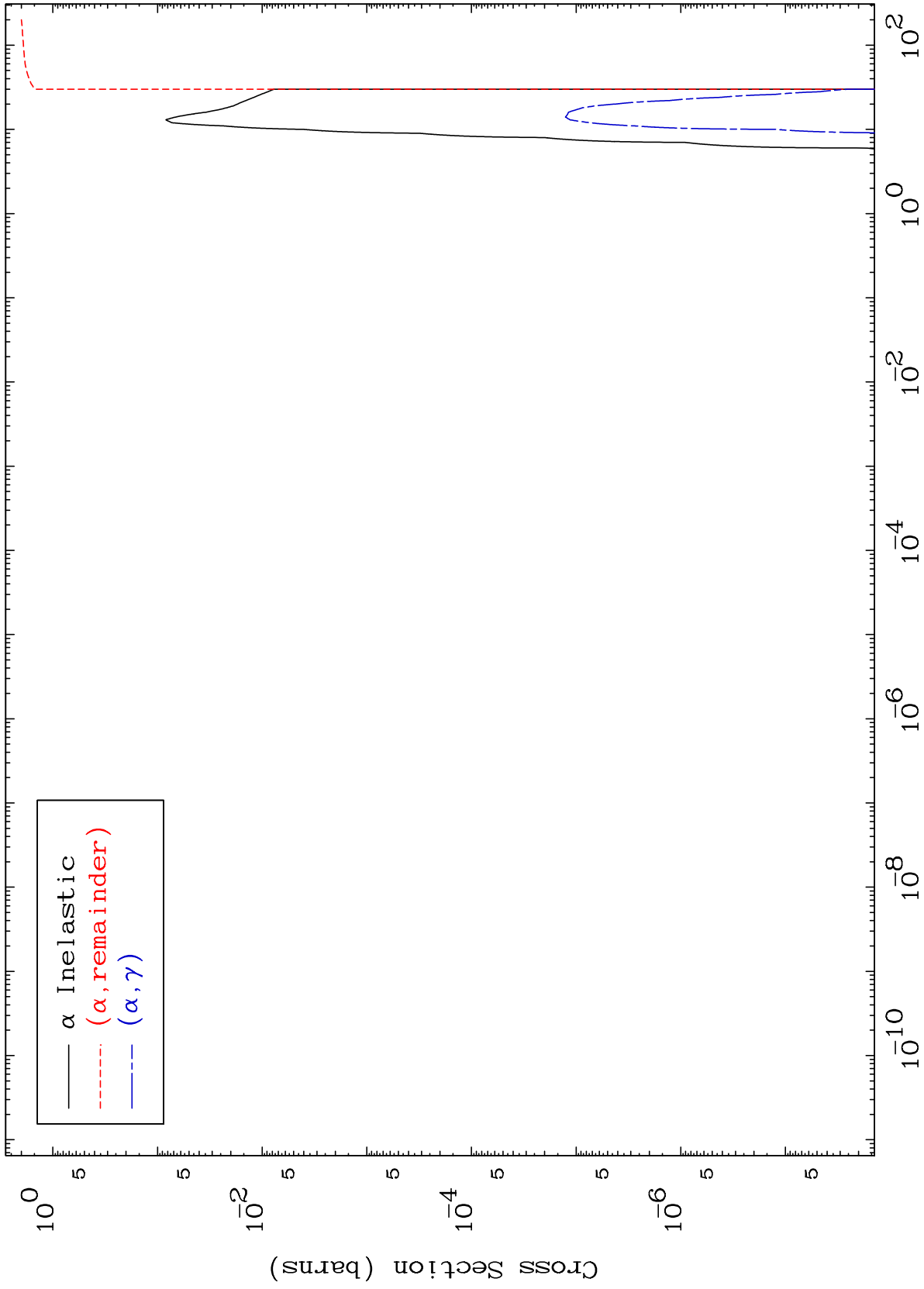
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4138

0 Kelvin α Major
Cross Sections

41-Nb-97



1

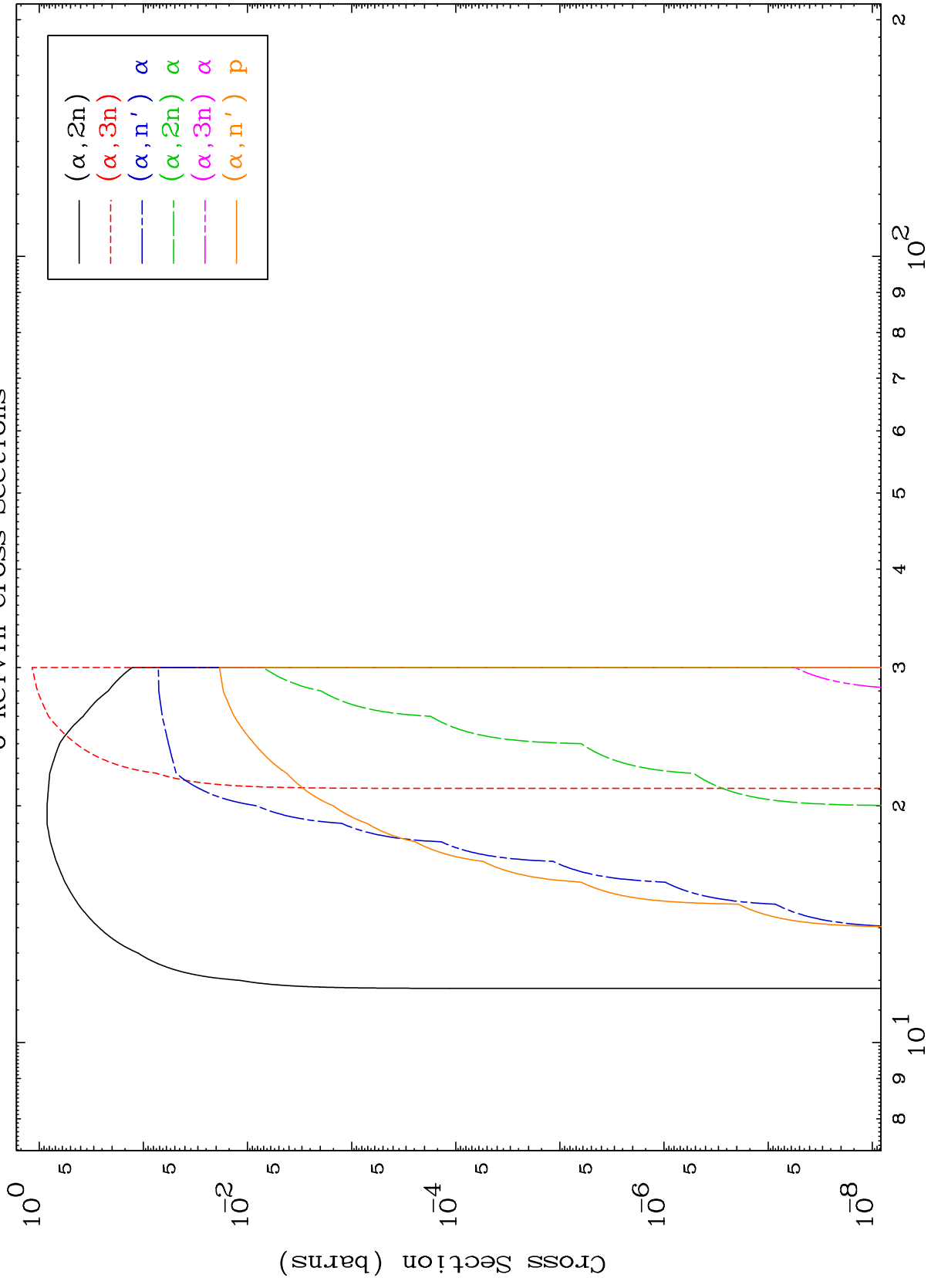
Incident Energy (MeV)

41-Nb-97

MAT 4138

α Neutron Production
0 Kelvin Cross Sections

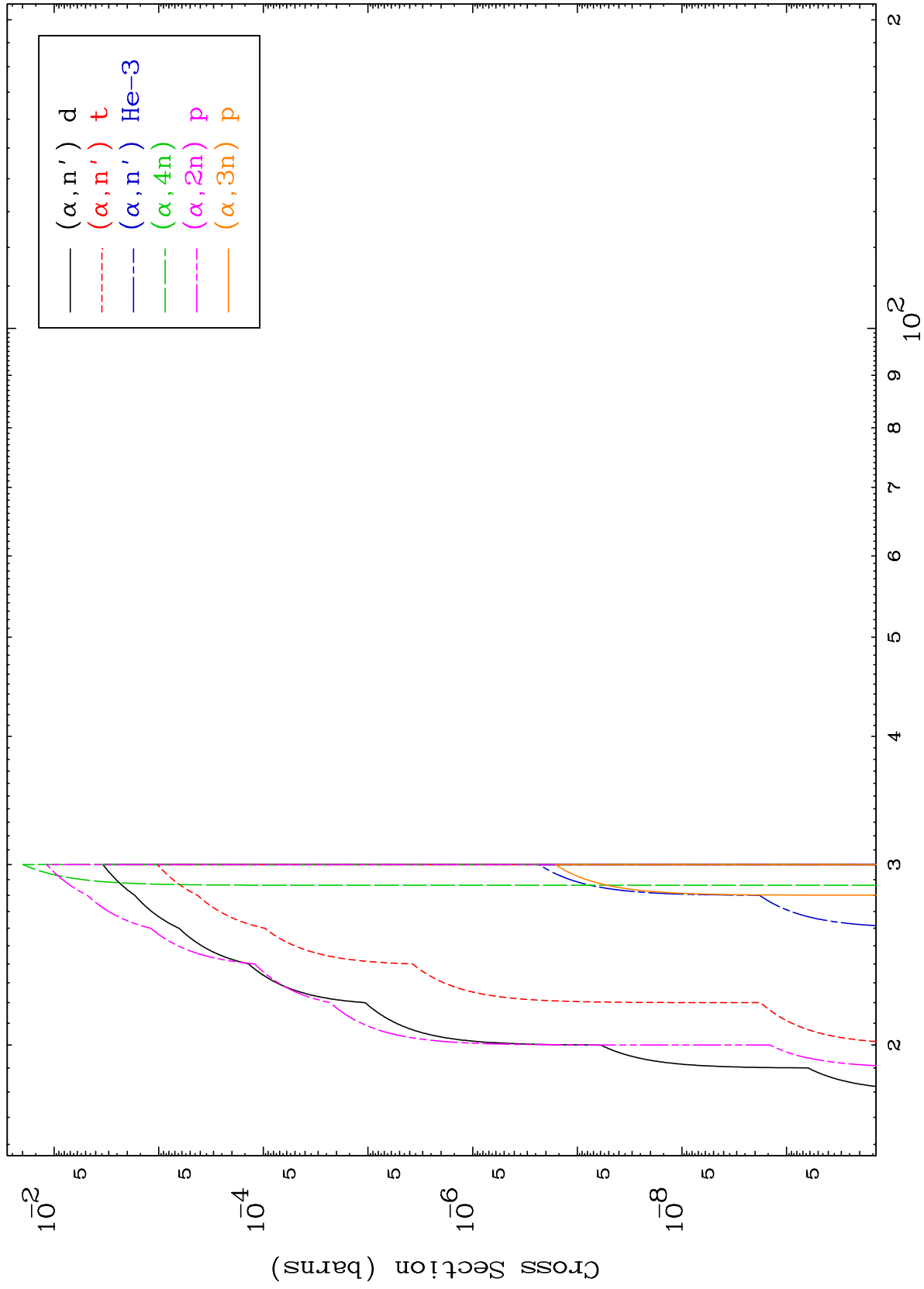
41-Nb-97

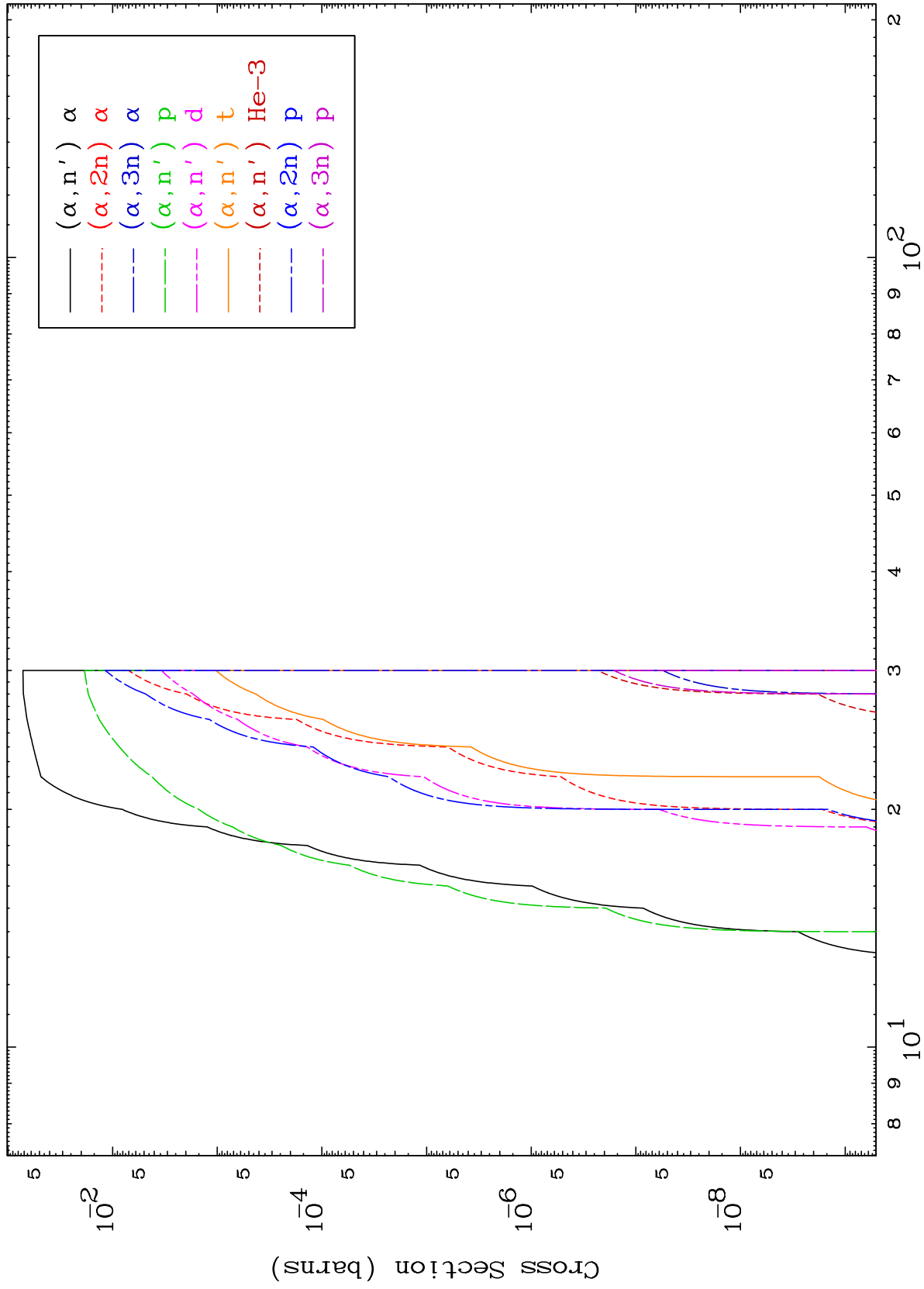


2

Incident Energy (MeV)

41-Nb-97

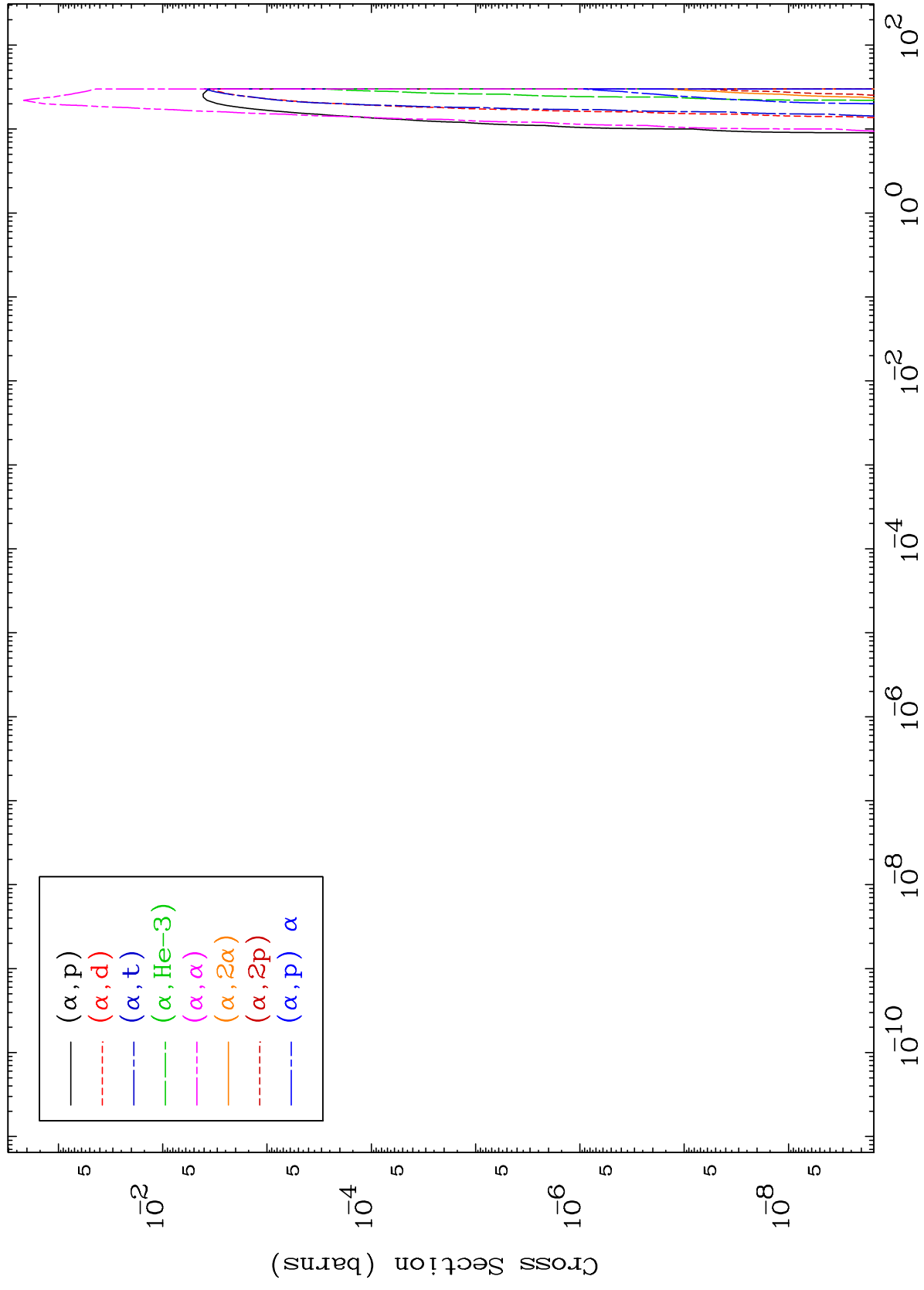




MAT 4138

α Charged Particle
0 Kelvin Cross Sections

41-Nb-97



5

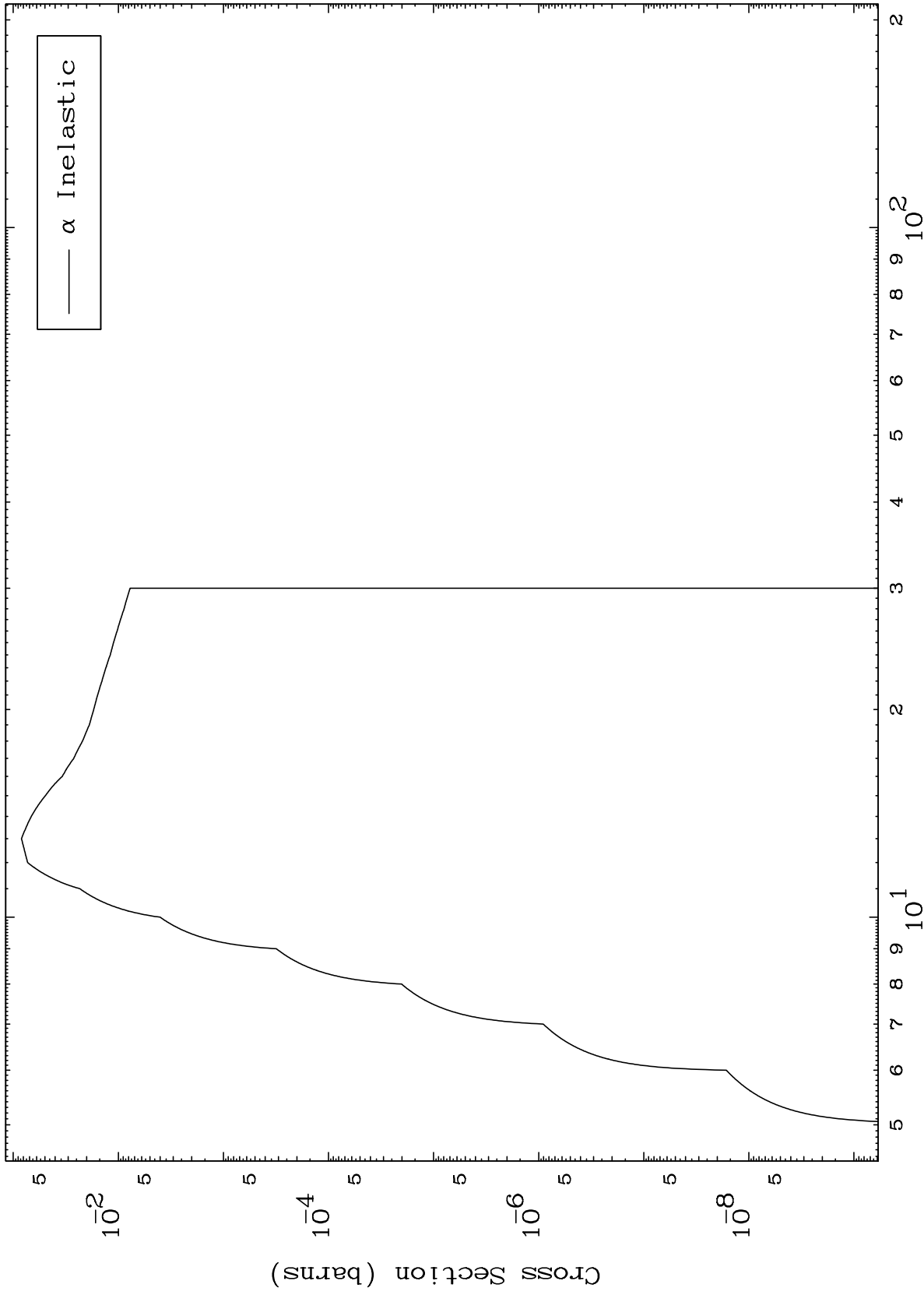
Incident Energy (MeV)

41-Nb-97

MAT 4138

(α, n') Level
0 Kelvin Cross Sections

41-Nb-97



6

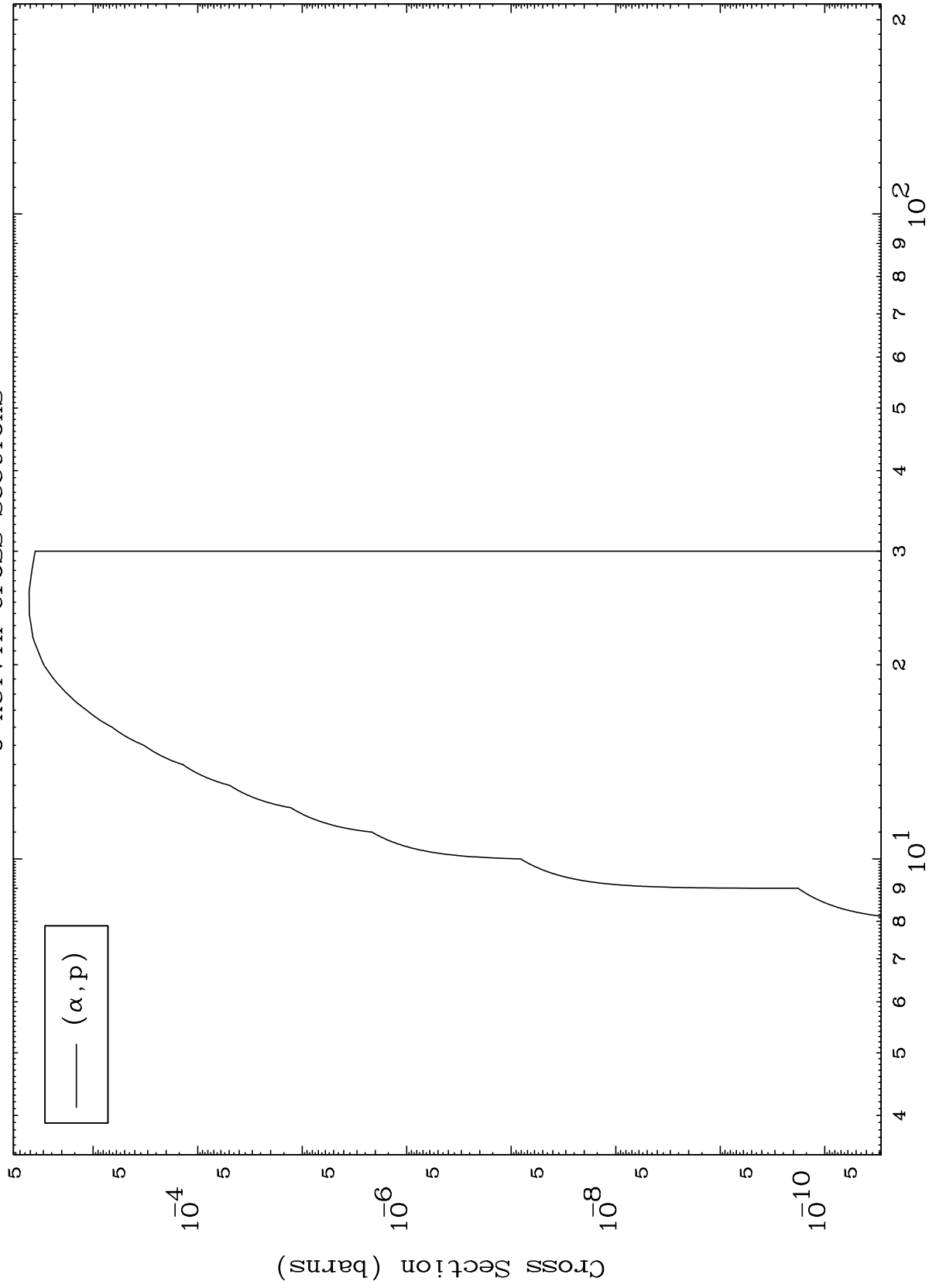
Incident Energy (MeV)

41-Nb-97

MAT 4138

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-97



7

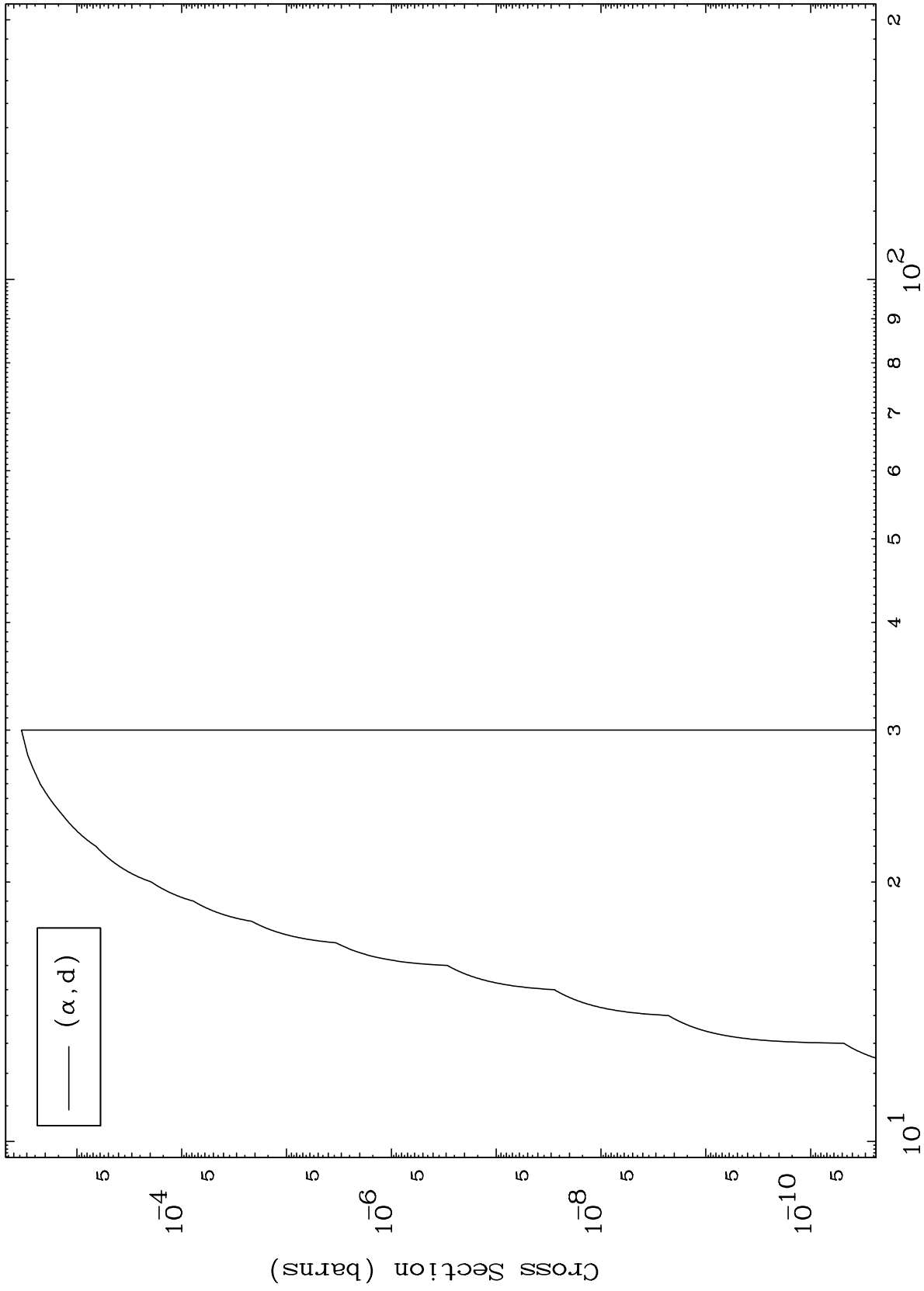
Incident Energy (MeV)

41-Nb-97

MAT 4138

(α, d) Levels
0 Kelvin Cross Sections

41-Nb-97



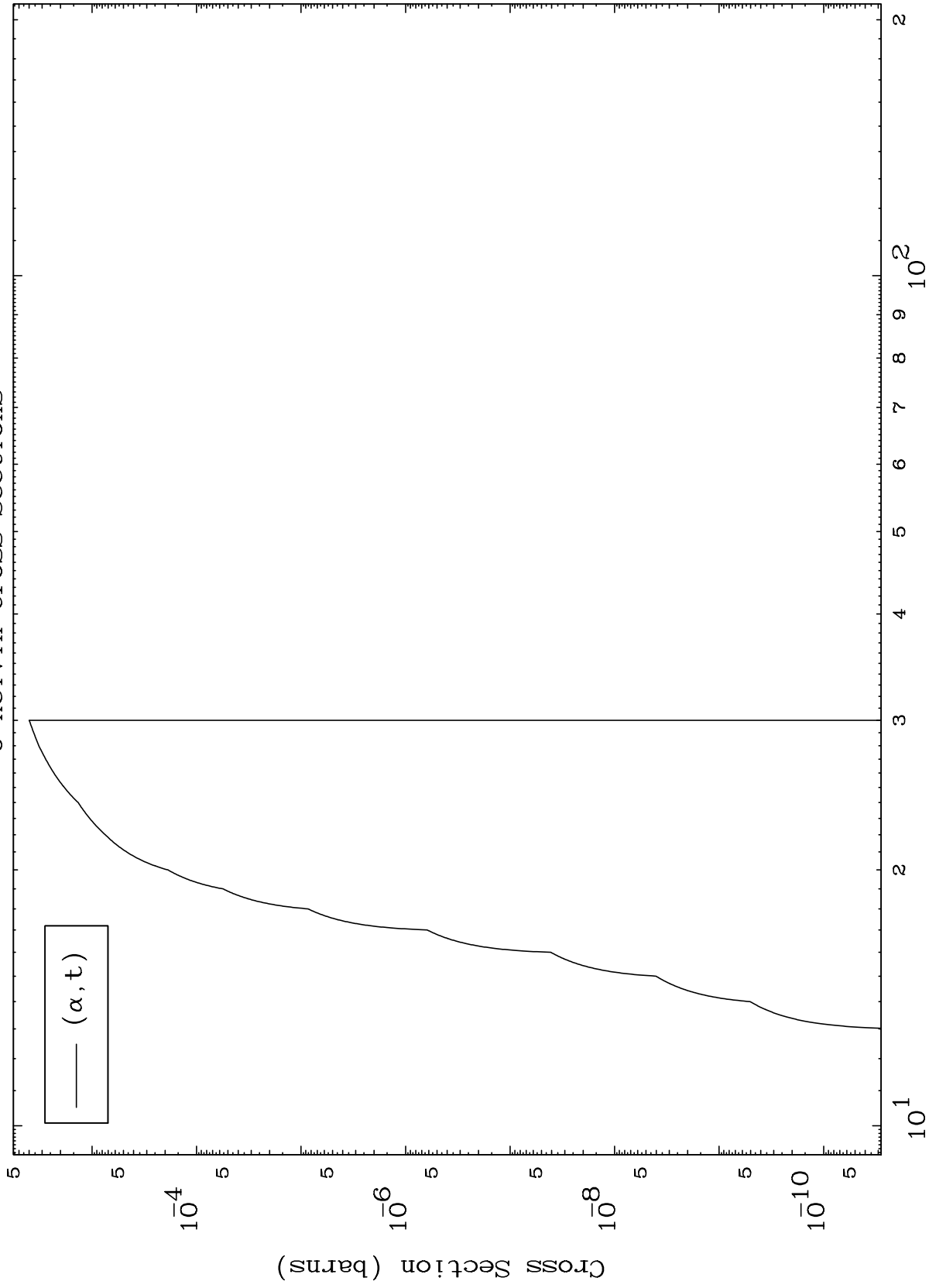
Incident Energy (MeV)

41-Nb-97

MAT 4138

(α, t) Levels
0 Kelvin Cross Sections

41-Nb-97



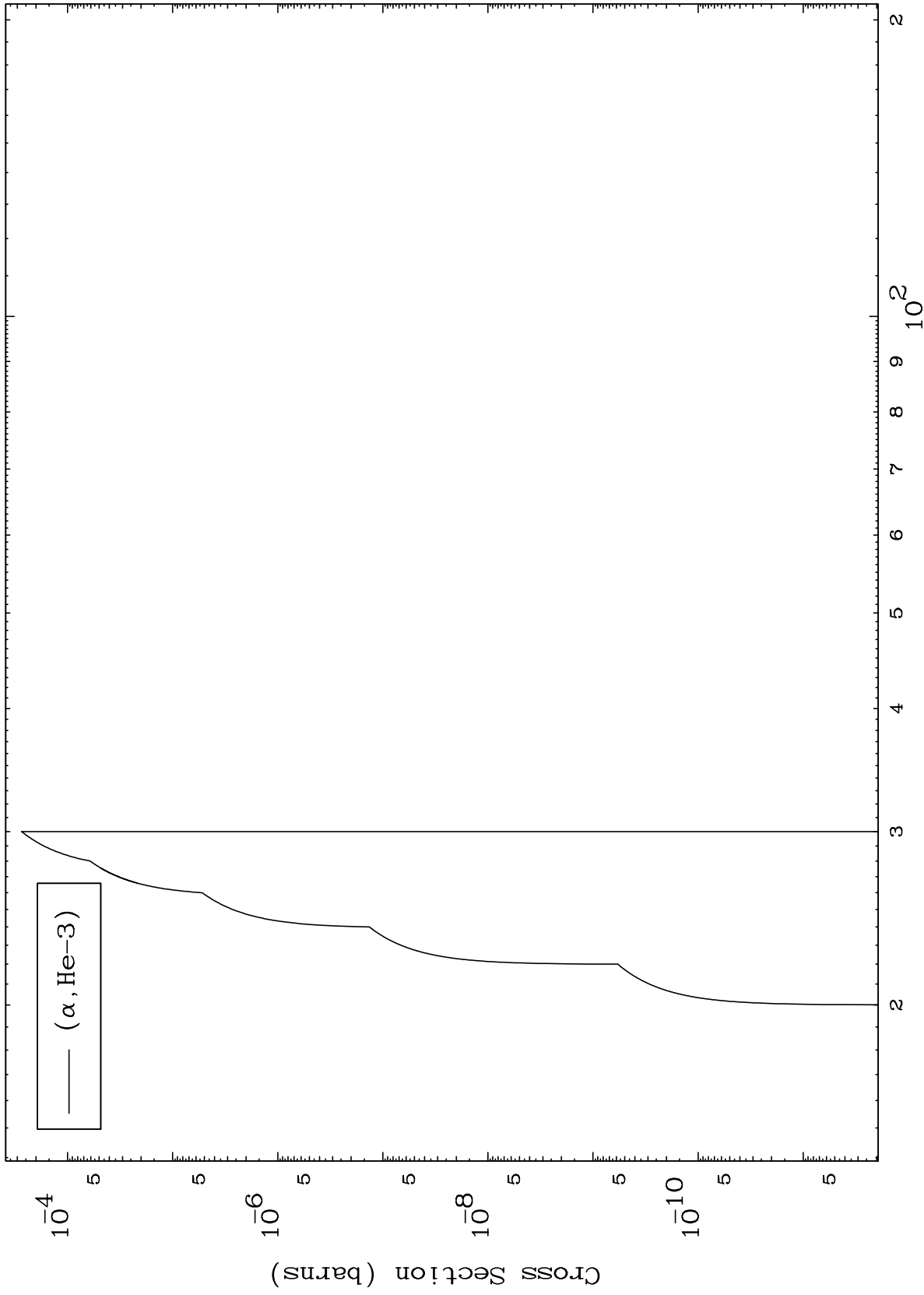
Incident Energy (MeV)

41-Nb-97

MAT 4138

(α ,He3) Levels
0 Kelvin Cross Sections

41-Nb-97



10

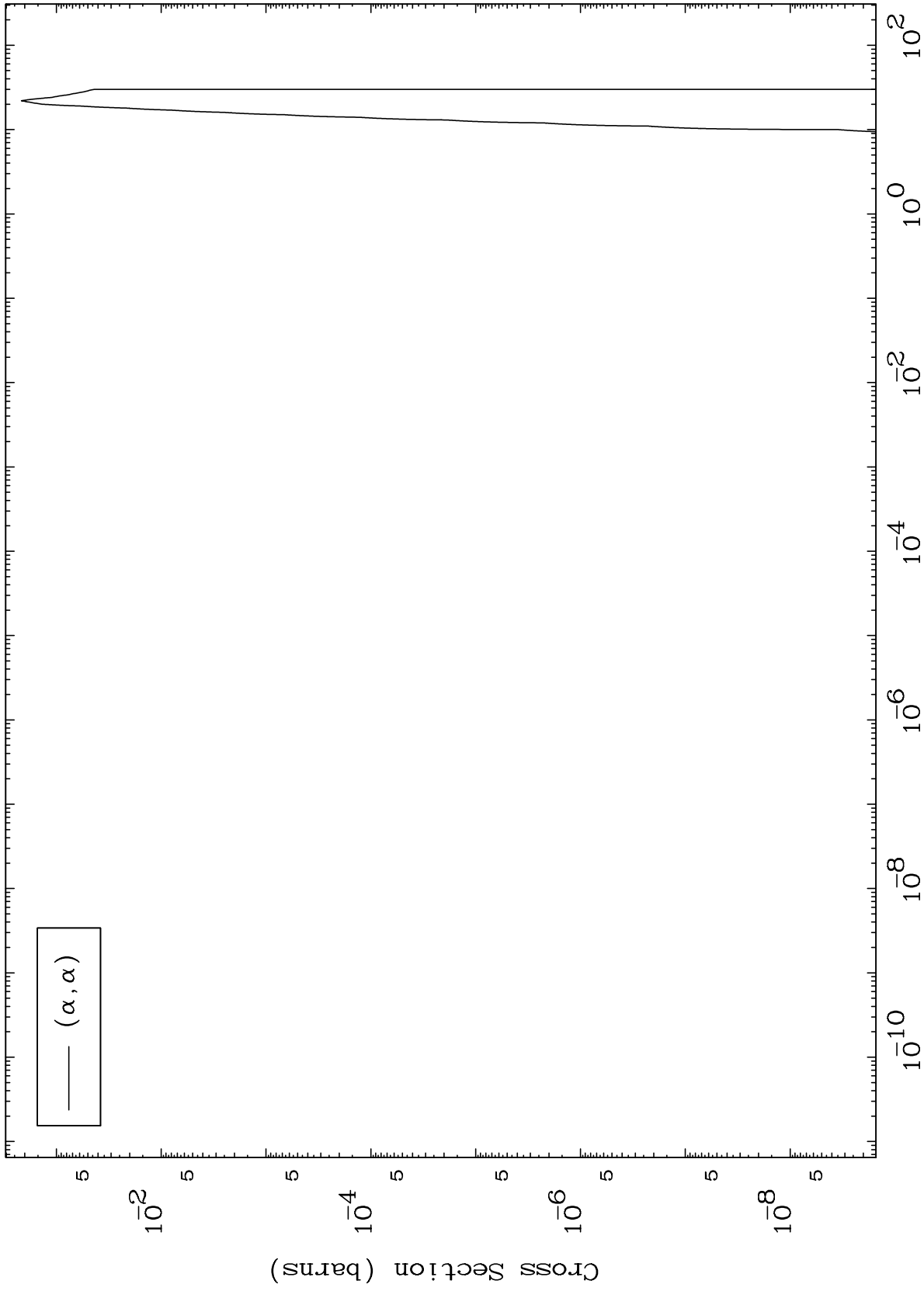
Incident Energy (MeV)

41-Nb-97

MAT 4138

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-97



11

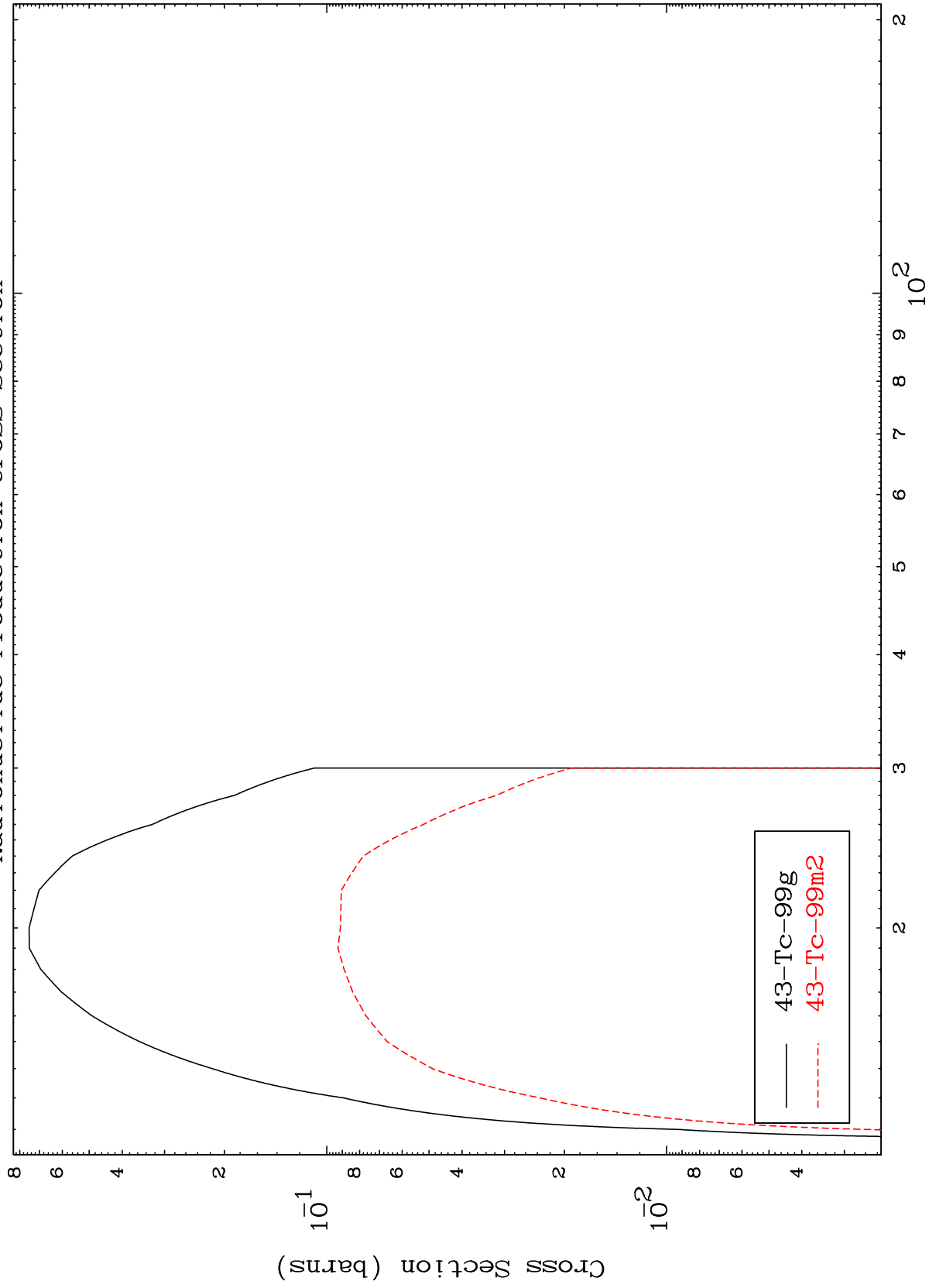
Incident Energy (MeV)

41-Nb-97

MAT 4138

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

41-Nb-97



12

Incident Energy (MeV)

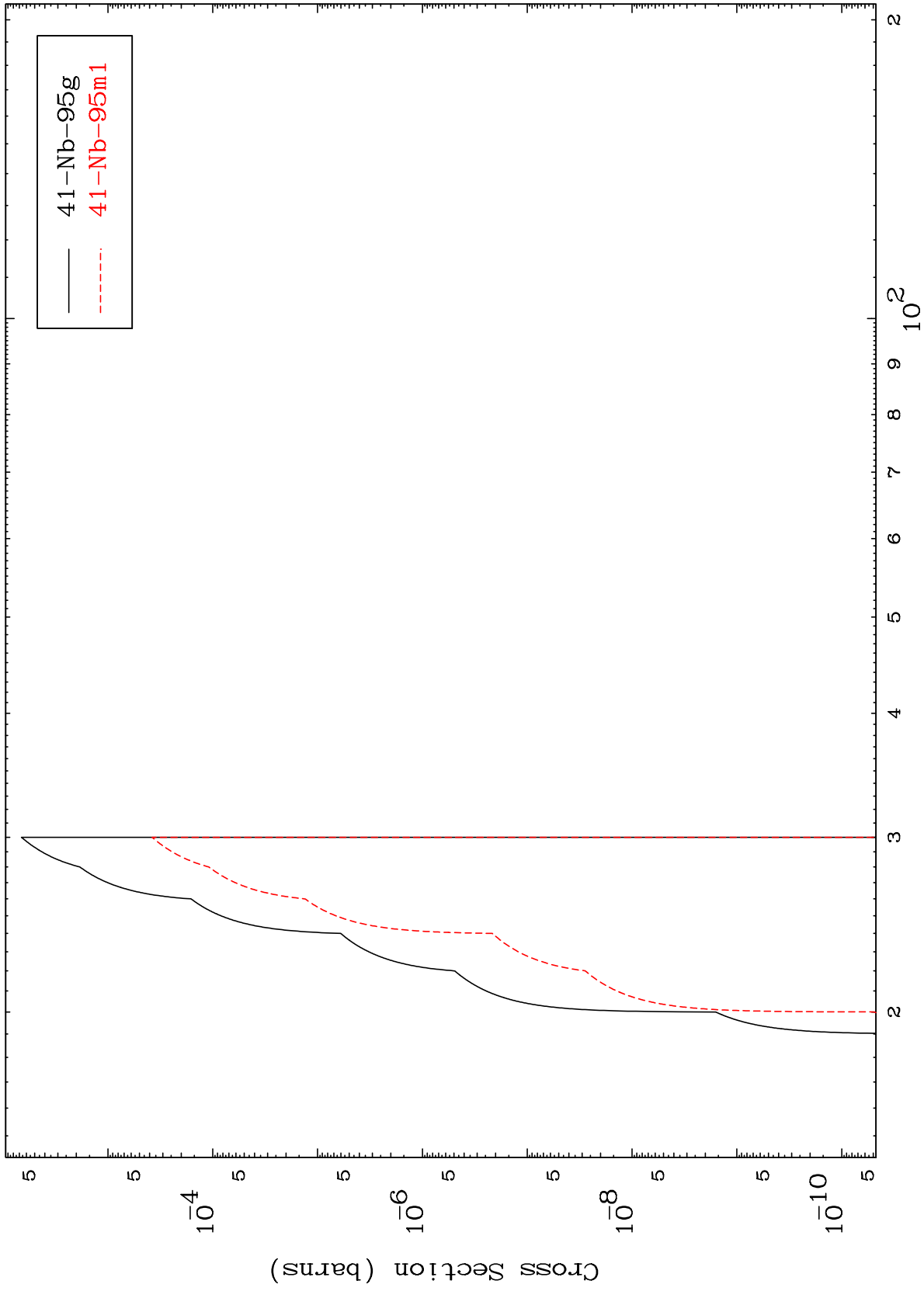
41-Nb-97

MAT 4138

$(\alpha, 2n) \alpha$

41-Nb-97

Radionuclide Production Cross Section



13

Incident Energy (MeV)

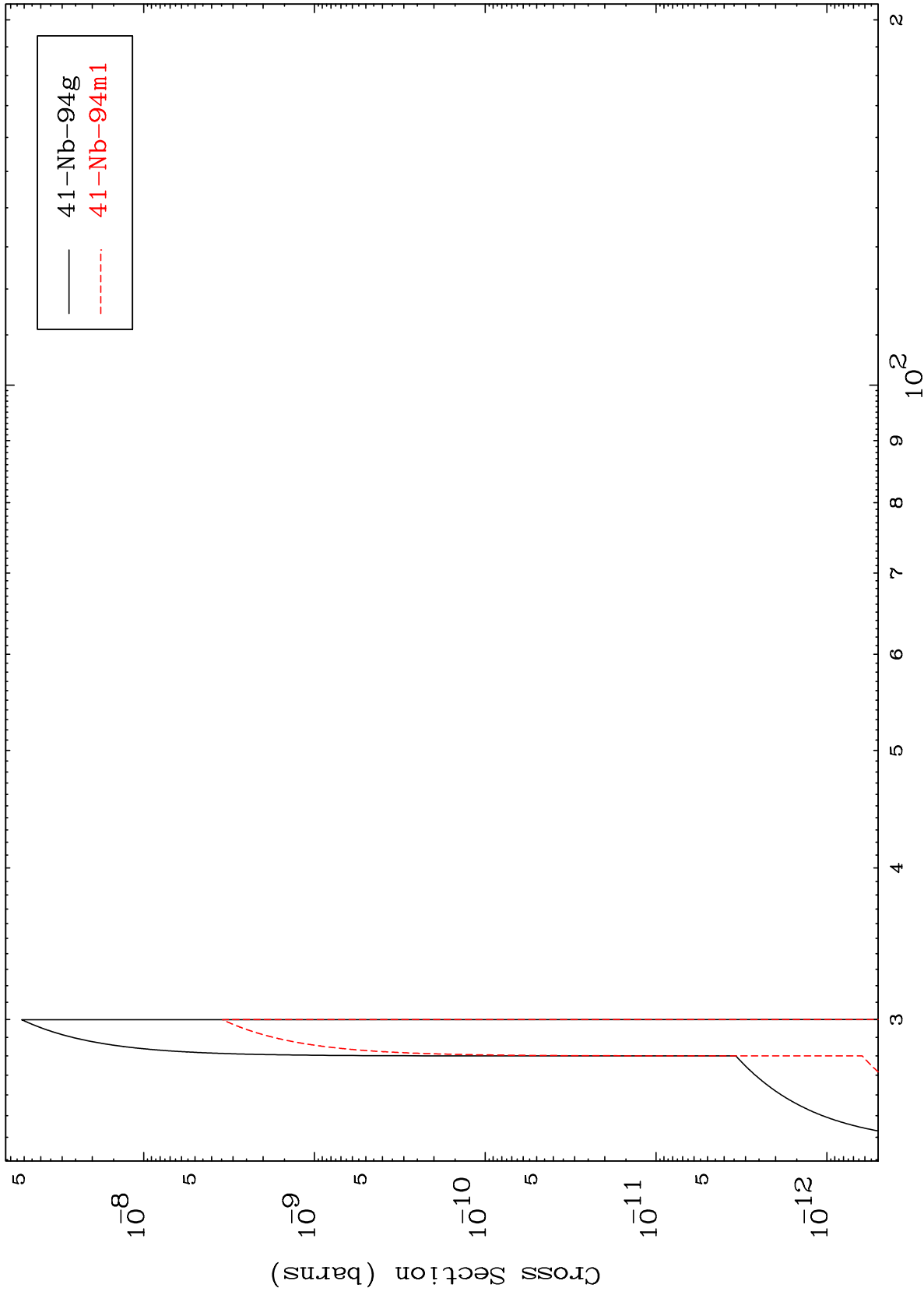
41-Nb-97

MAT 4138

($\alpha, 3n$) α

41-Nb-97

Radionuclide Production Cross Section

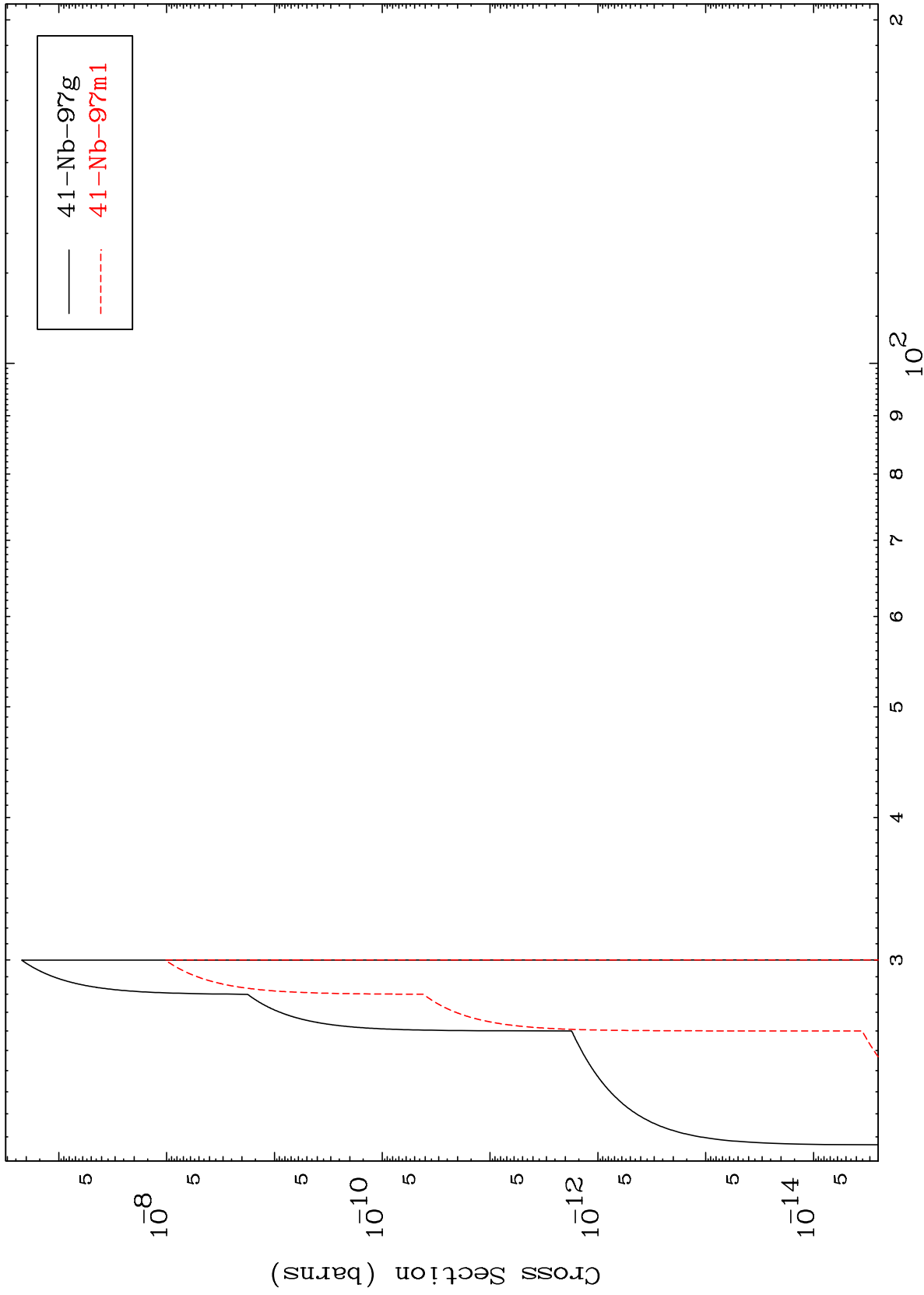


14

Incident Energy (MeV)

41-Nb-97

Radionuclide Production Cross Section

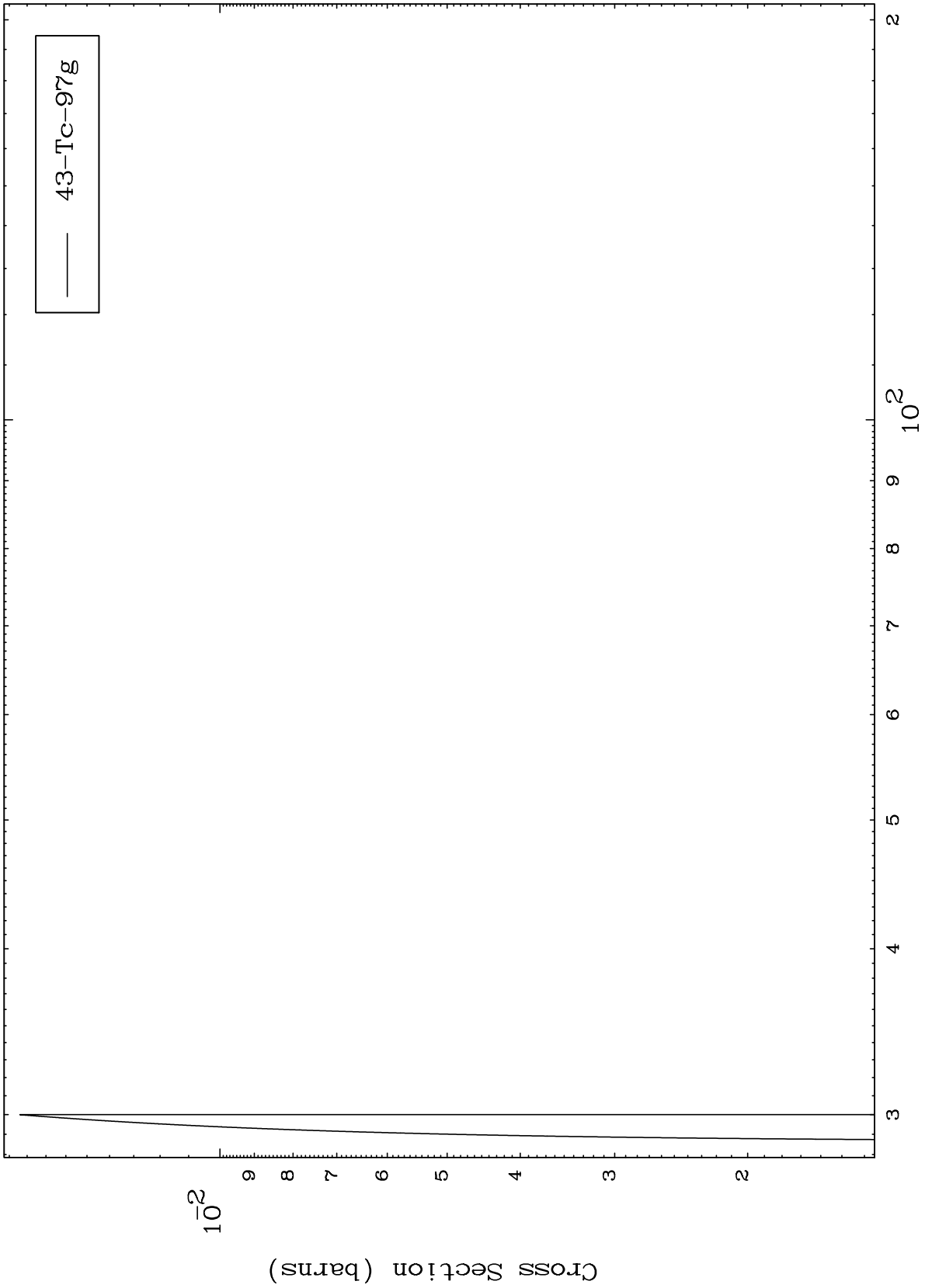


MAT 4138

($\alpha, 4n$)

41-Nb-97

Radionuclide Production Cross Section



16

Incident Energy (MeV)

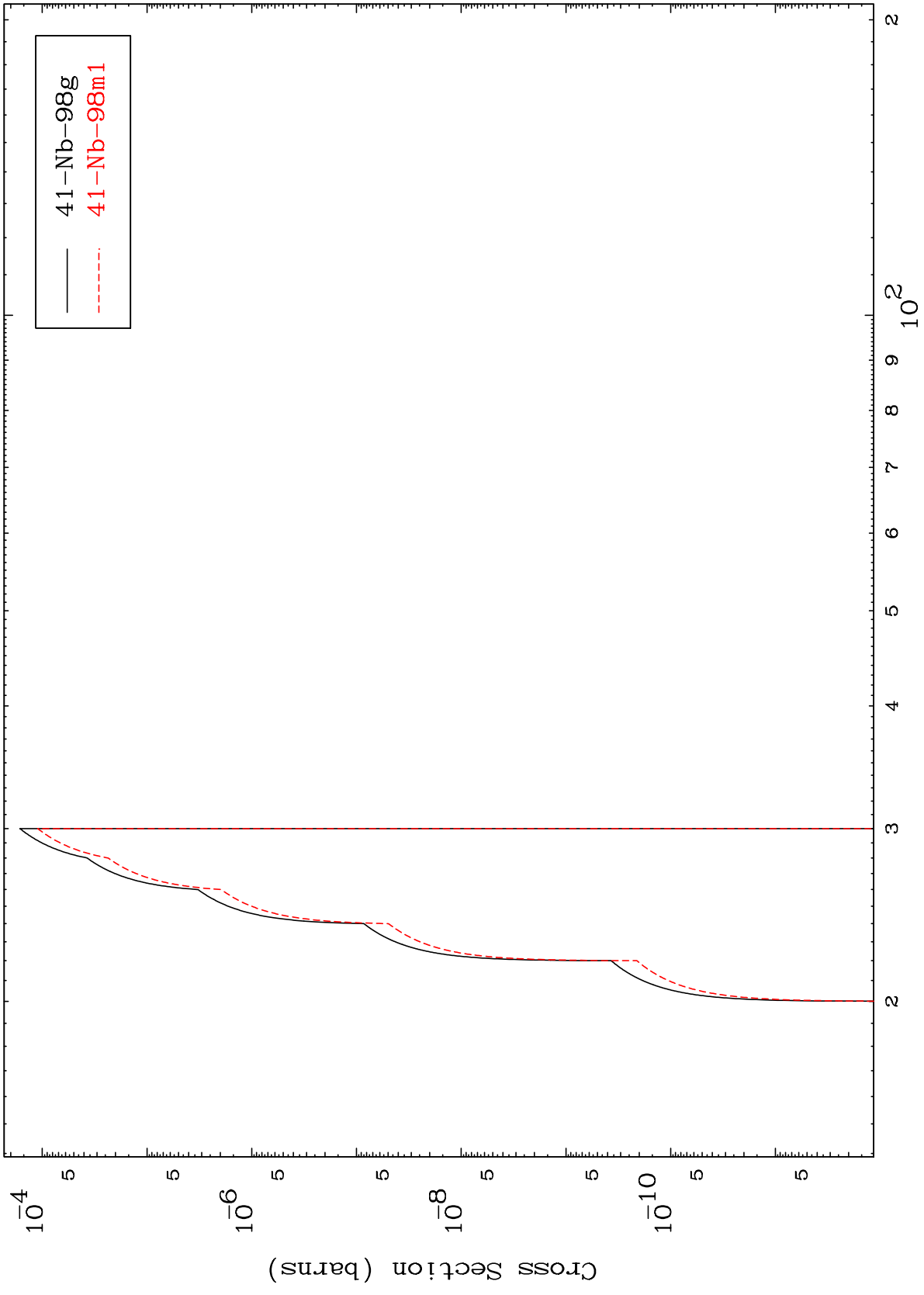
41-Nb-97

MAT 4138

($\alpha, \text{He-3}$)

41-Nb-97

Radionuclide Production Cross Section



17

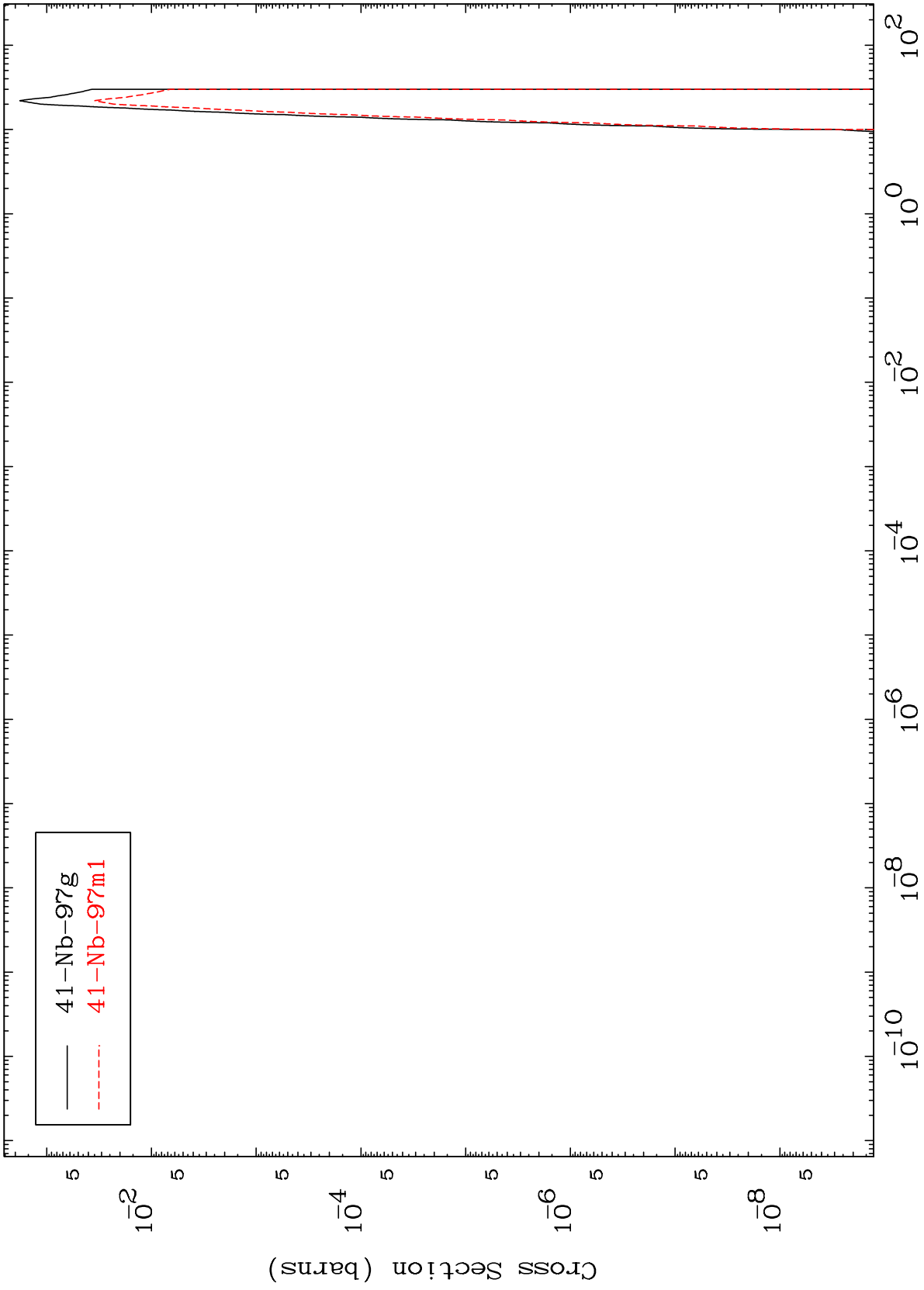
Incident Energy (MeV)

41-Nb-97

MAT 4138

(α, α)
Radionuclide Production Cross Section

41-Nb-97



18

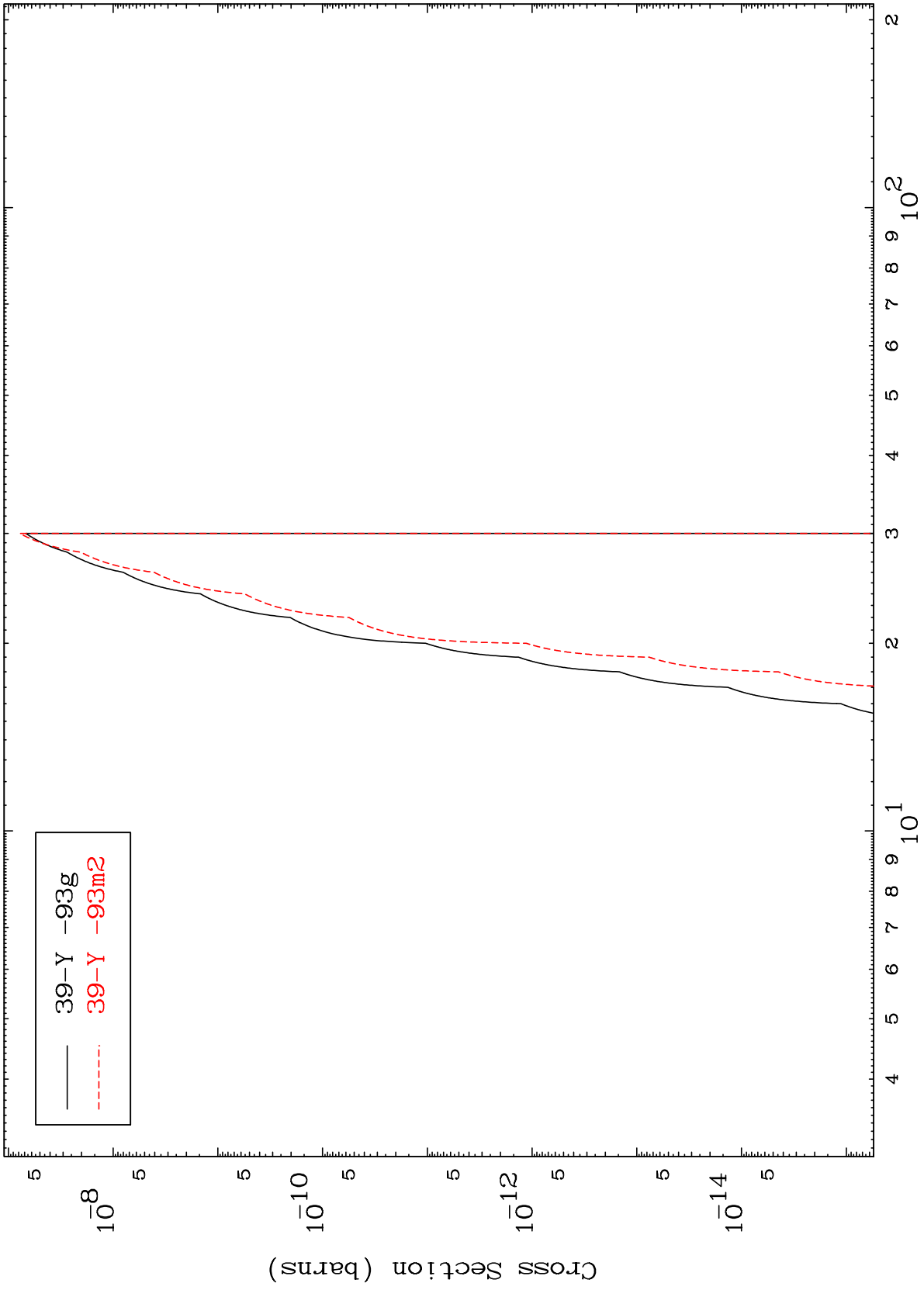
Incident Energy (MeV)

41-Nb-97

MAT 4138

41-Nb-97

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



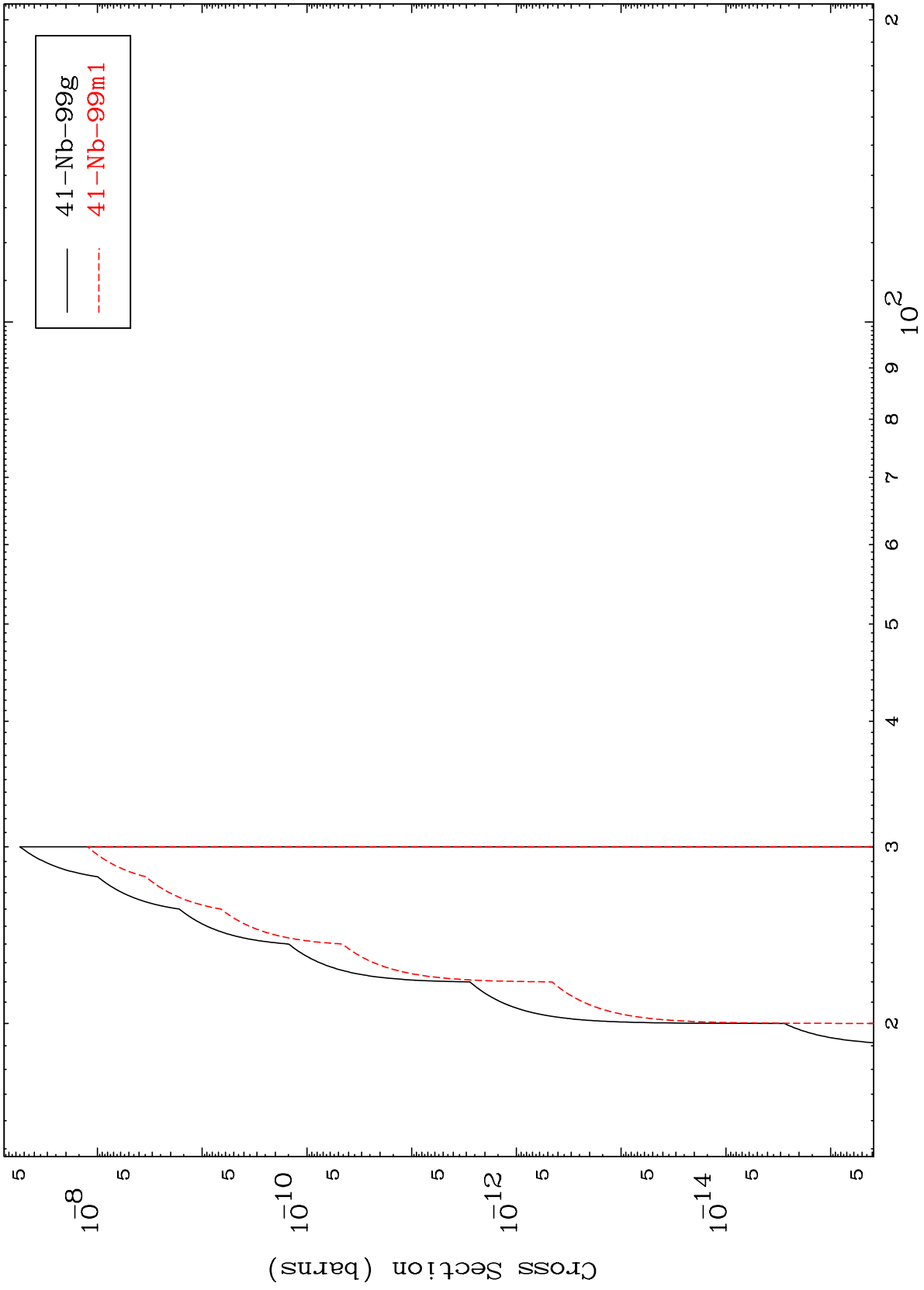
19

41-Nb-97

MAT 4138

41-Nb-97

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



20

41-Nb-97