

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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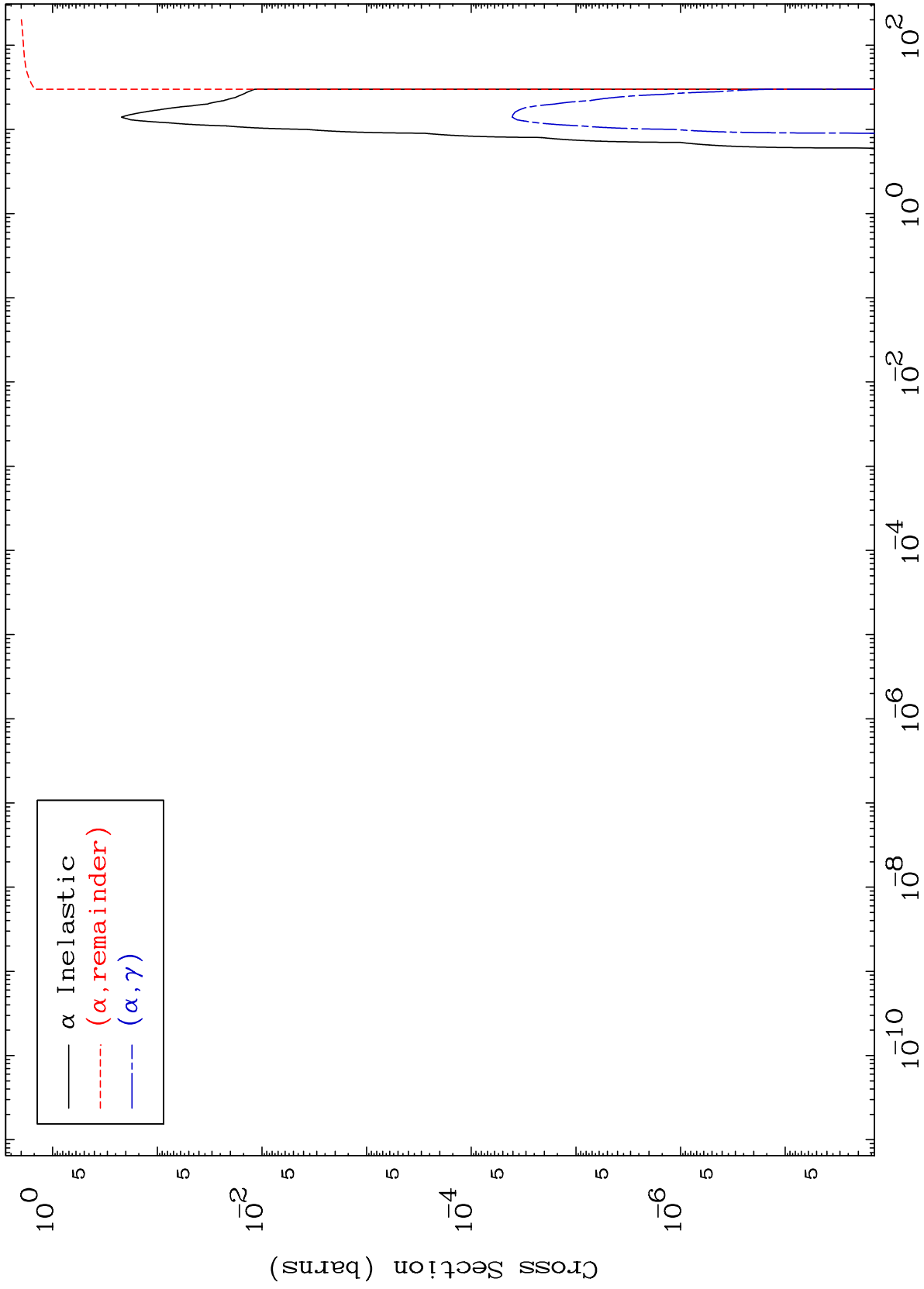
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4134

0 Kelvin α Major
Cross Sections

41-Nb-96



1

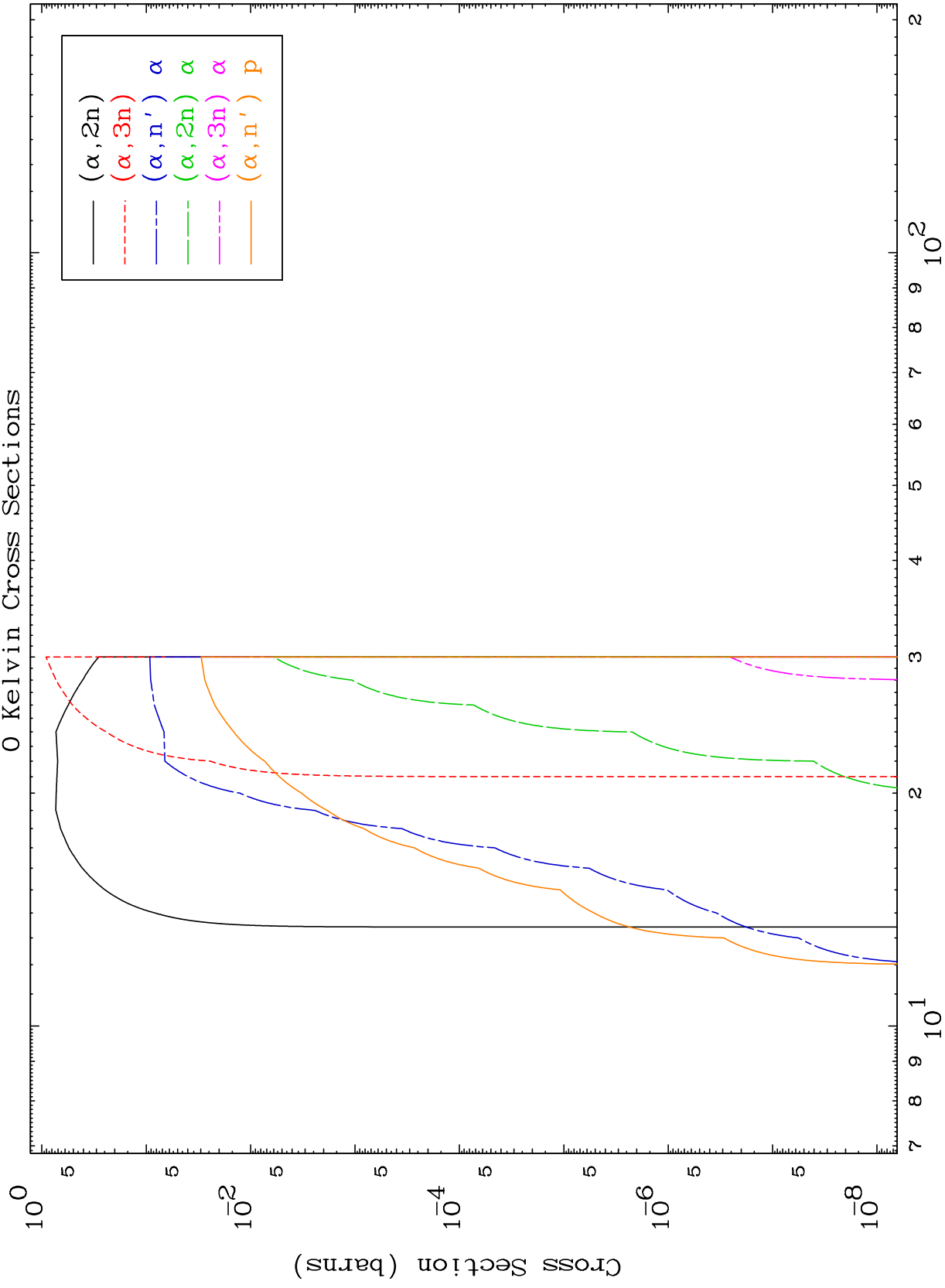
Incident Energy (MeV)

41-Nb-96

MAT 4134

α Neutron Production
0 Kelvin Cross Sections

41-Nb-96



2

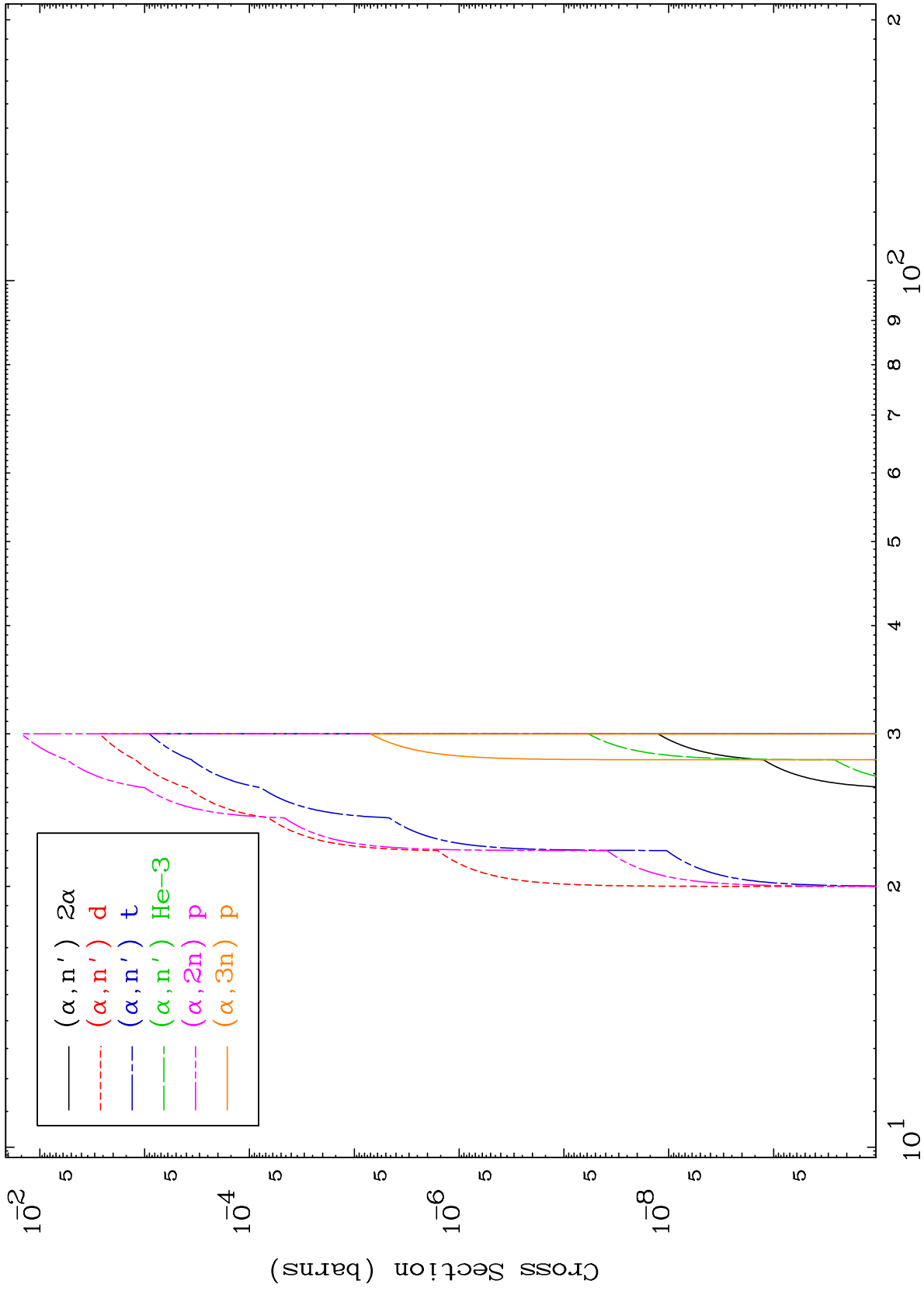
Incident Energy (MeV)

41-Nb-96

MAT 4134

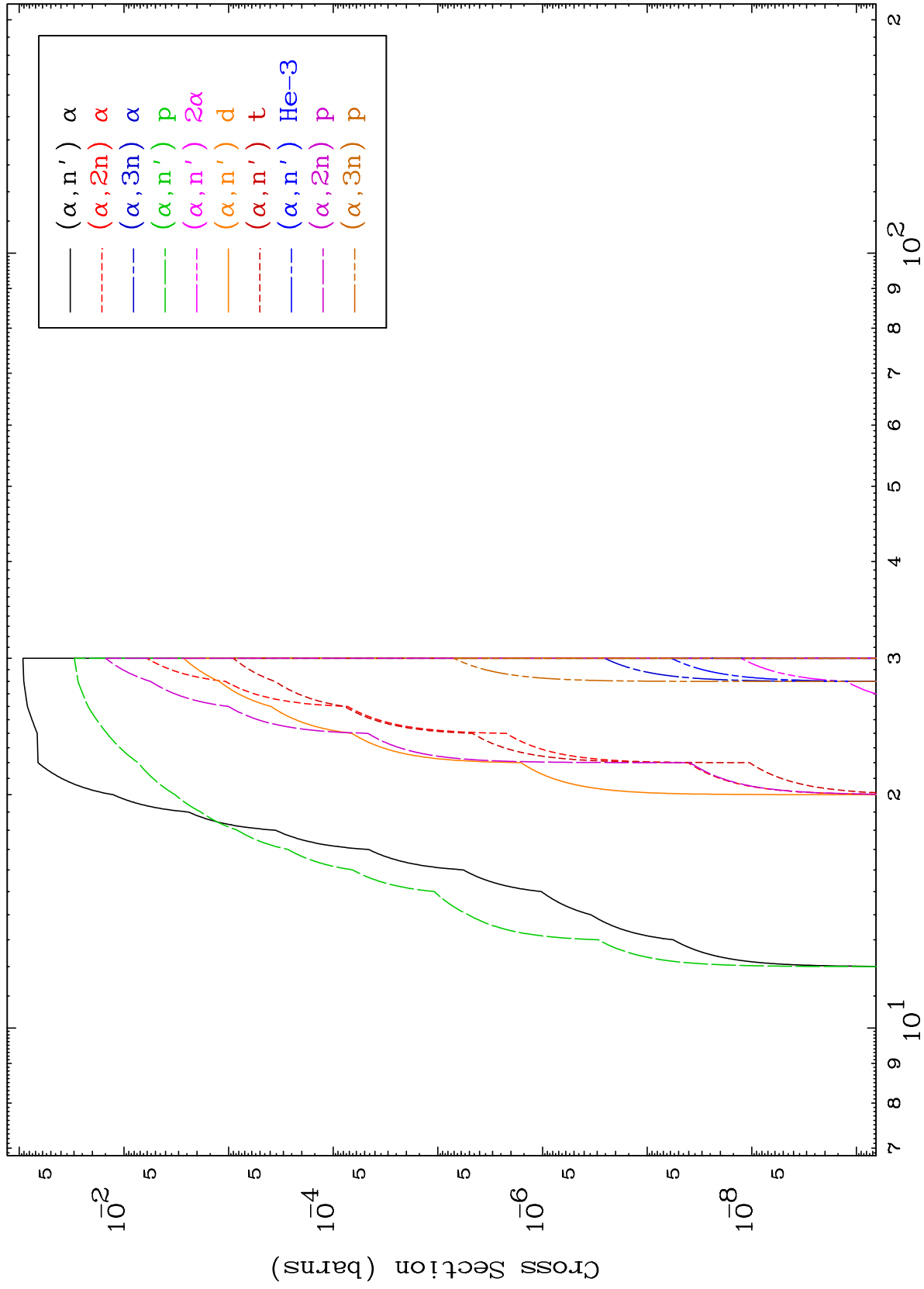
α Neutron Production
0 Kelvin Cross Sections

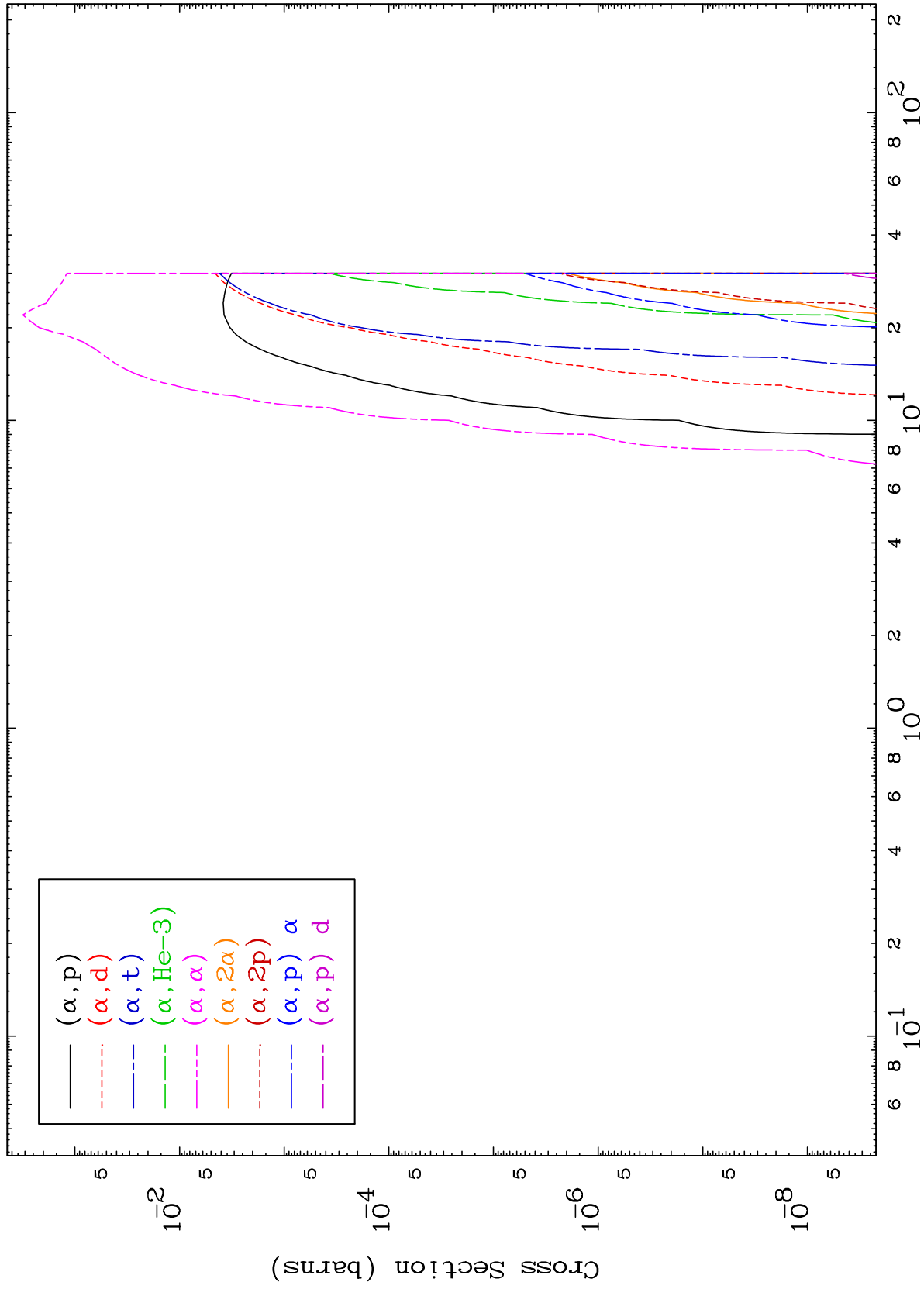
41-Nb-96



Incident Energy (MeV)

41-Nb-96

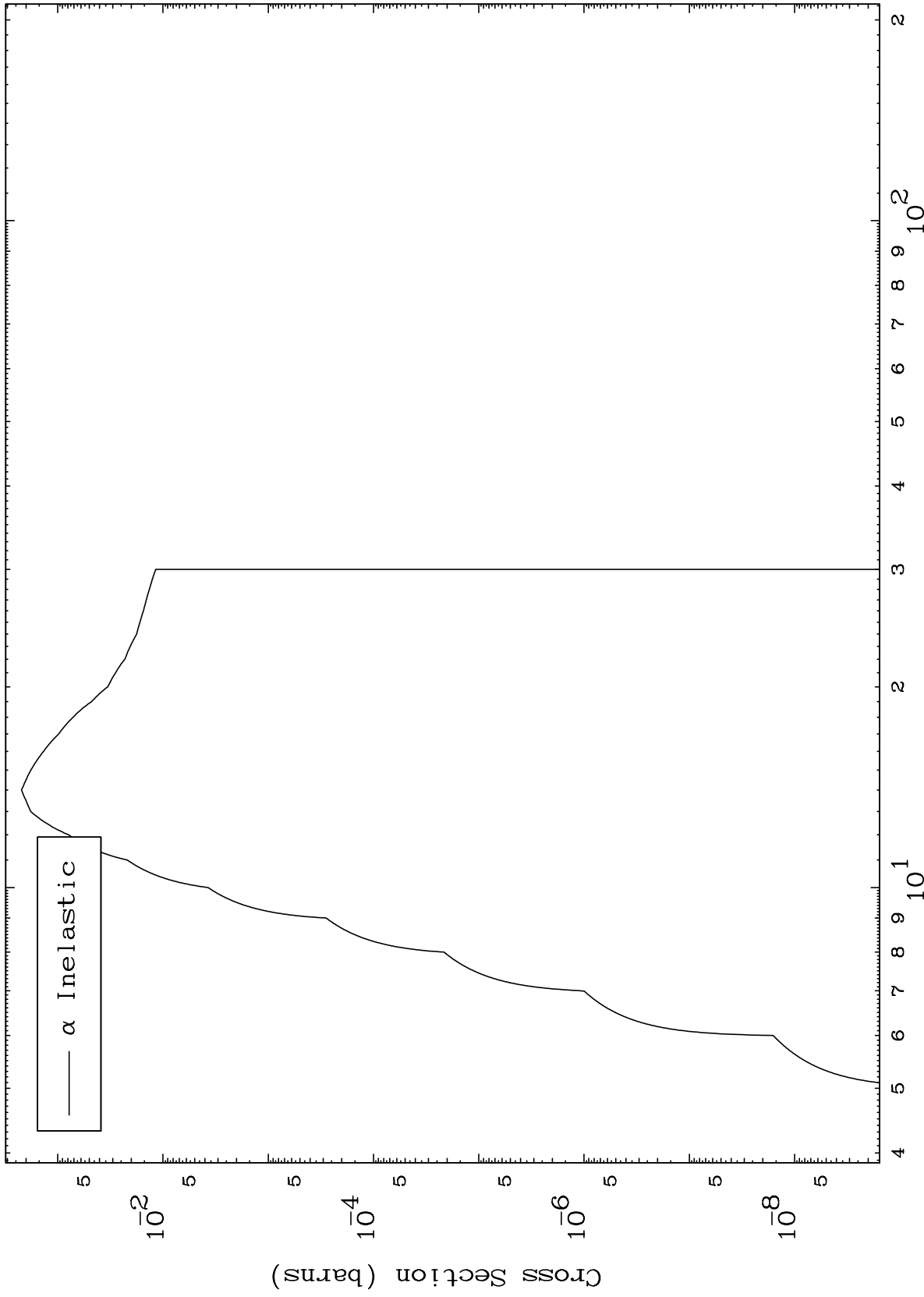




MAT 4134

(α, n') Level
0 Kelvin Cross Sections

41-Nb-96



6

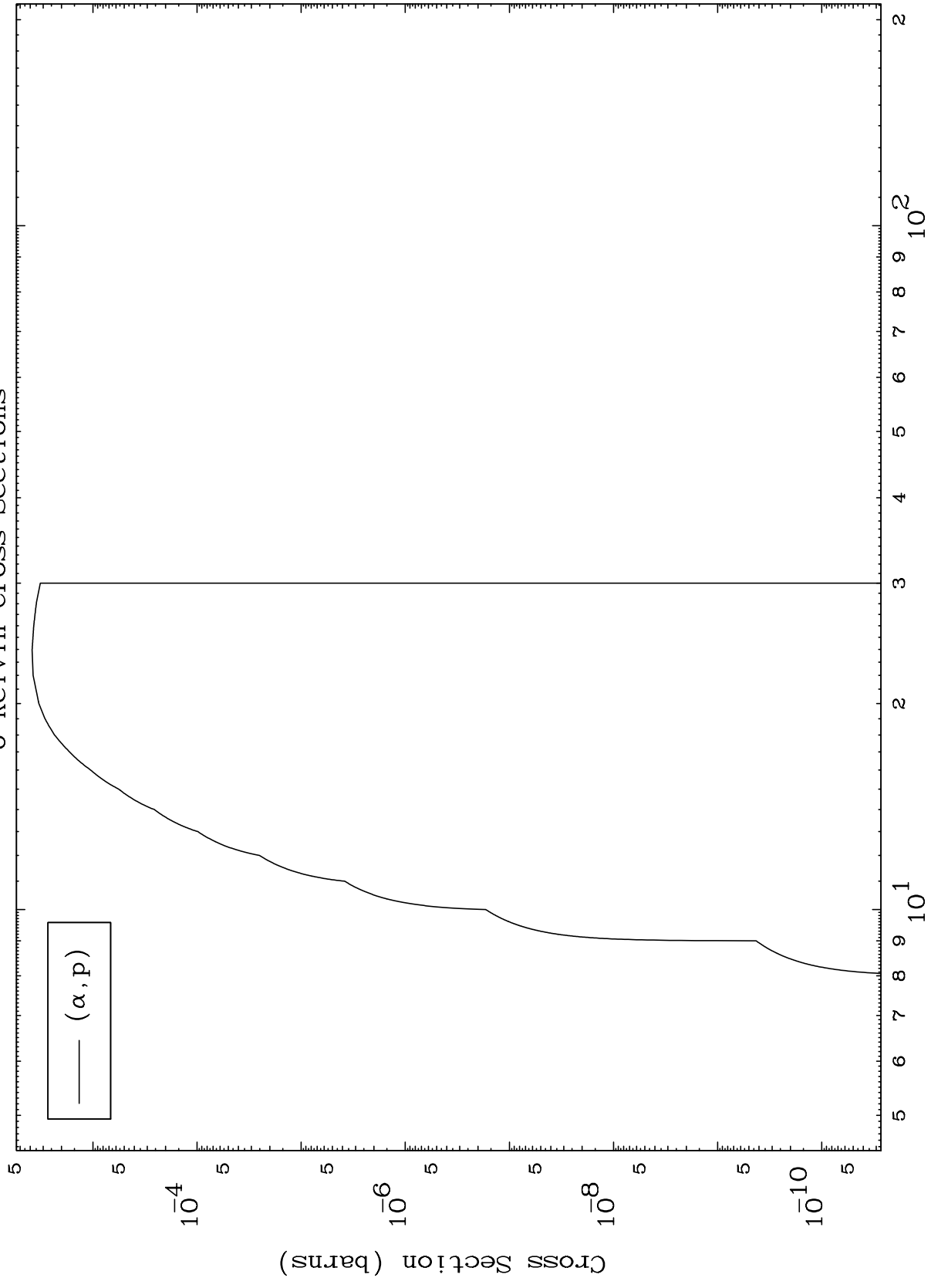
Incident Energy (MeV)

41-Nb-96

MAT 4134

(α, p) Levels
0 Kelvin Cross Sections

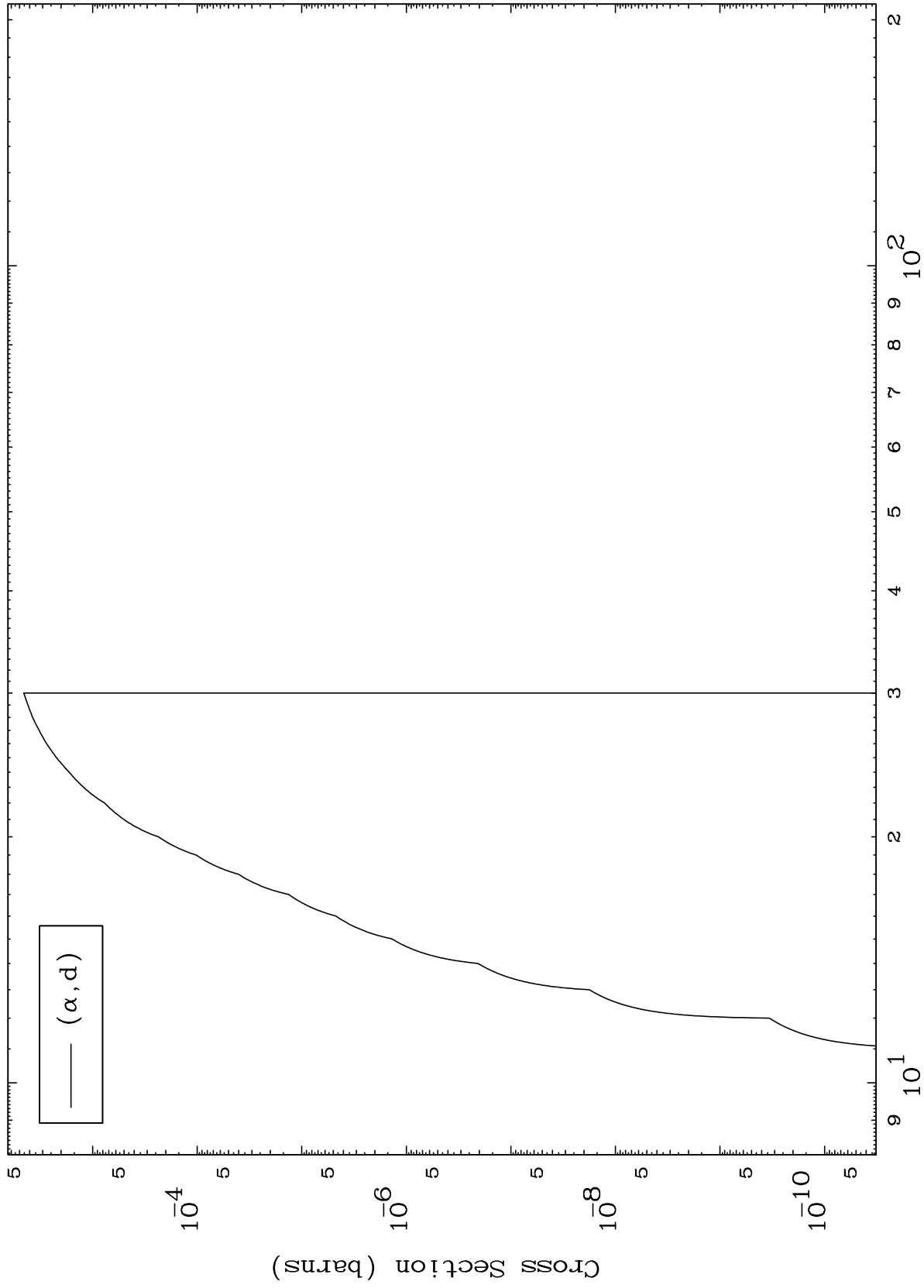
41-Nb-96



MAT 4134

(α, d) Levels
0 Kelvin Cross Sections

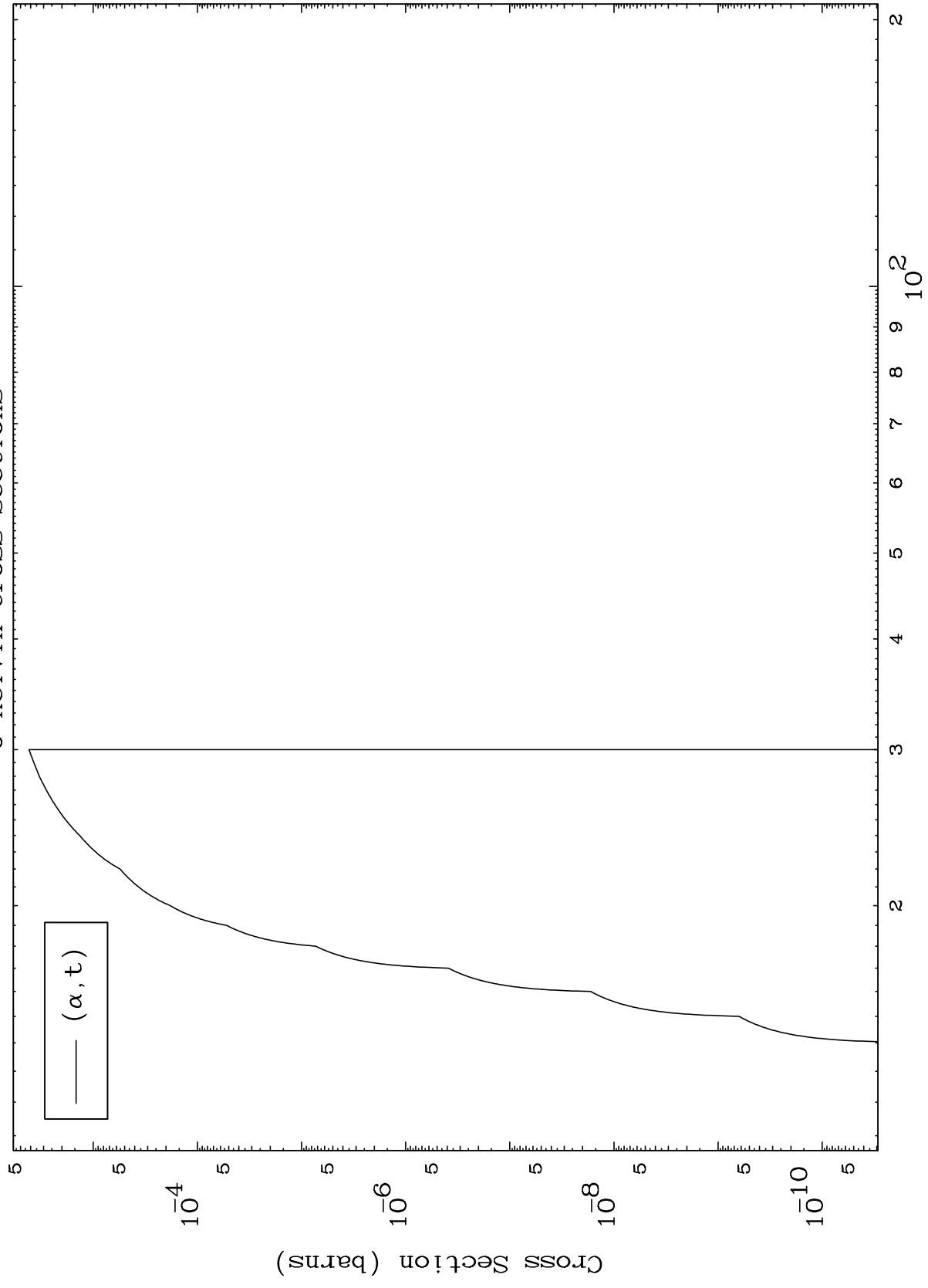
41-Nb-96



8

Incident Energy (MeV)

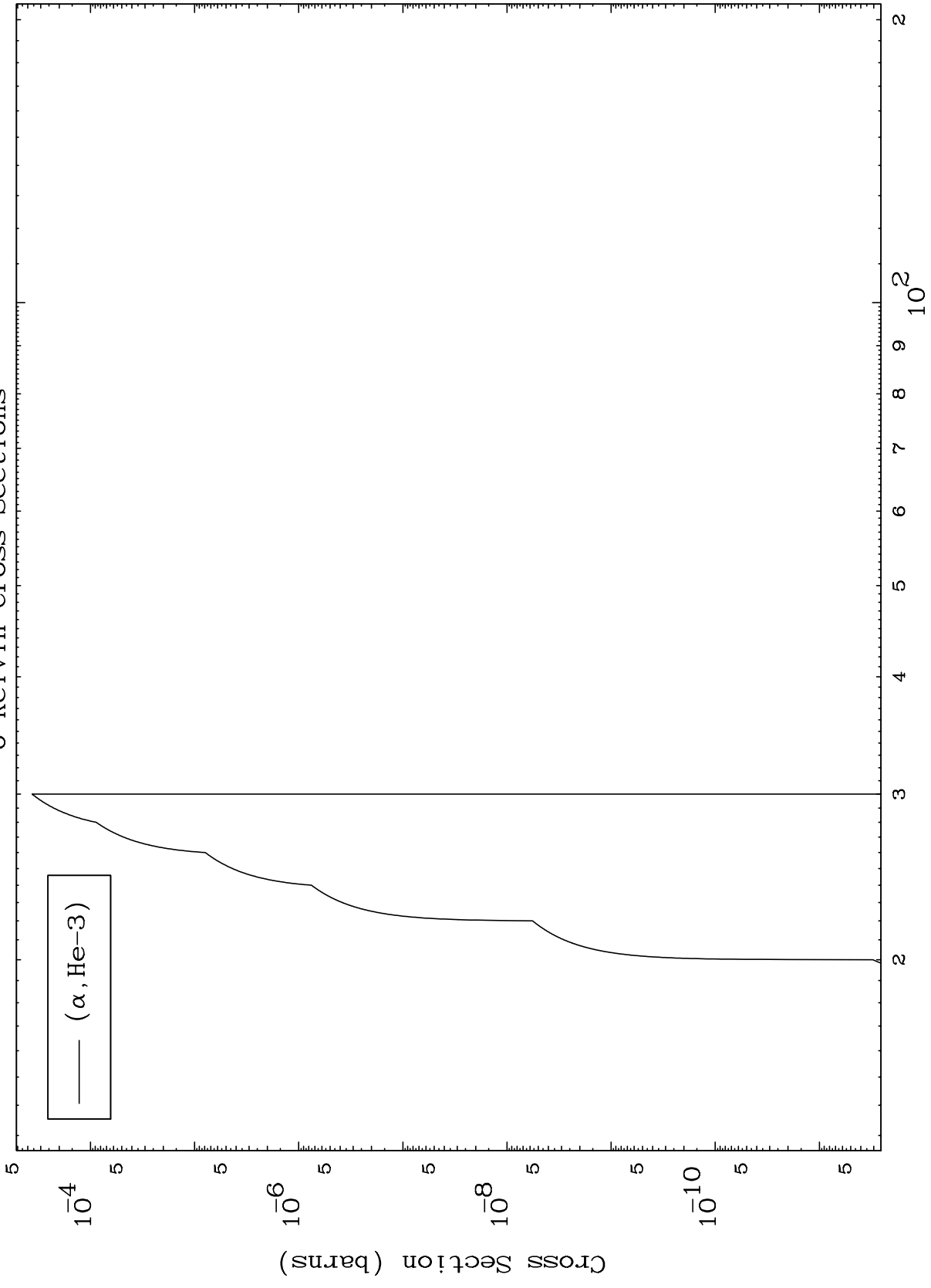
41-Nb-96



MAT 4134

(α ,He3) Levels
0 Kelvin Cross Sections

41-Nb-96



10

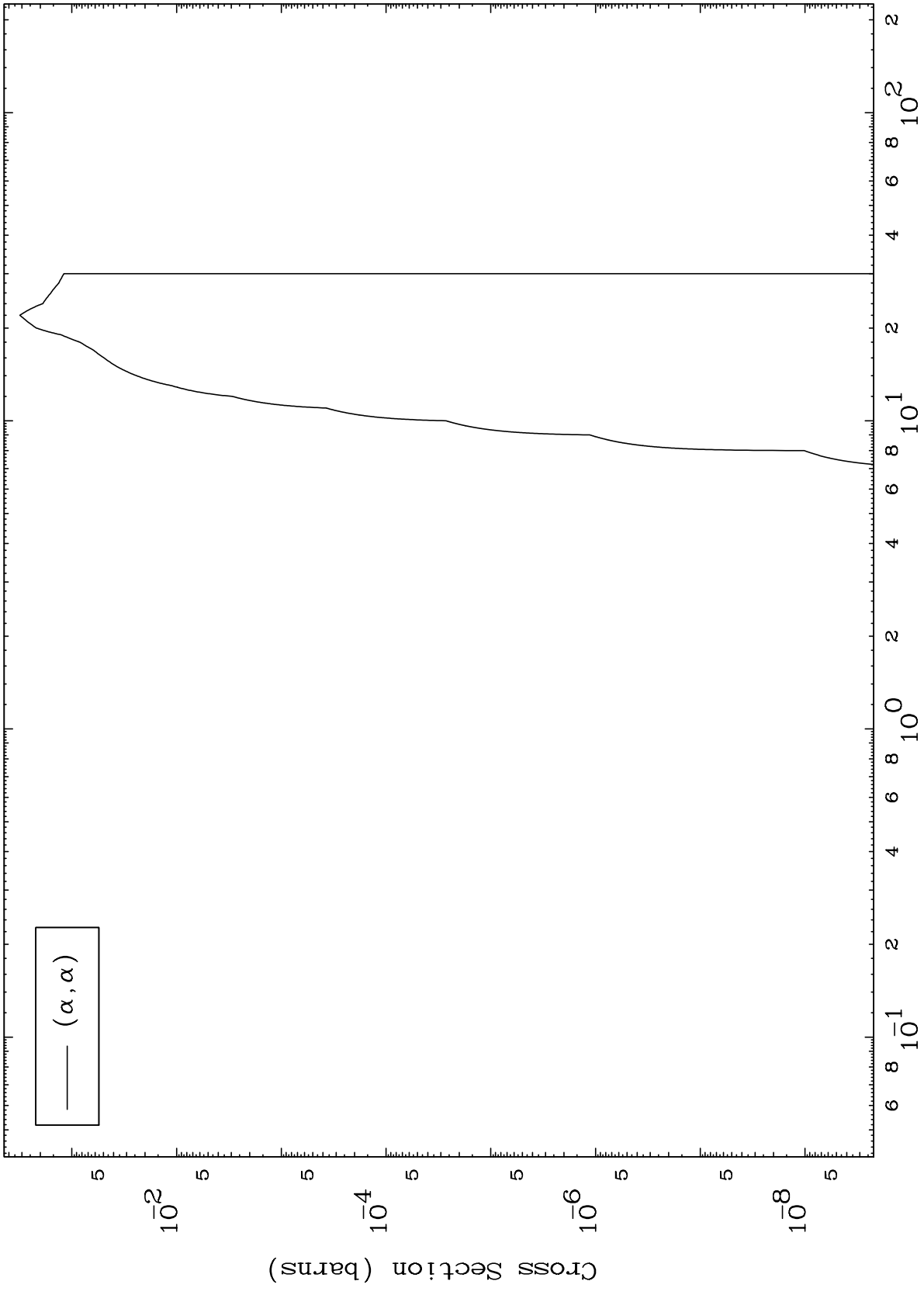
Incident Energy (MeV)

41-Nb-96

MAT 4134

(α, α) Levels
0 Kelvin Cross Sections

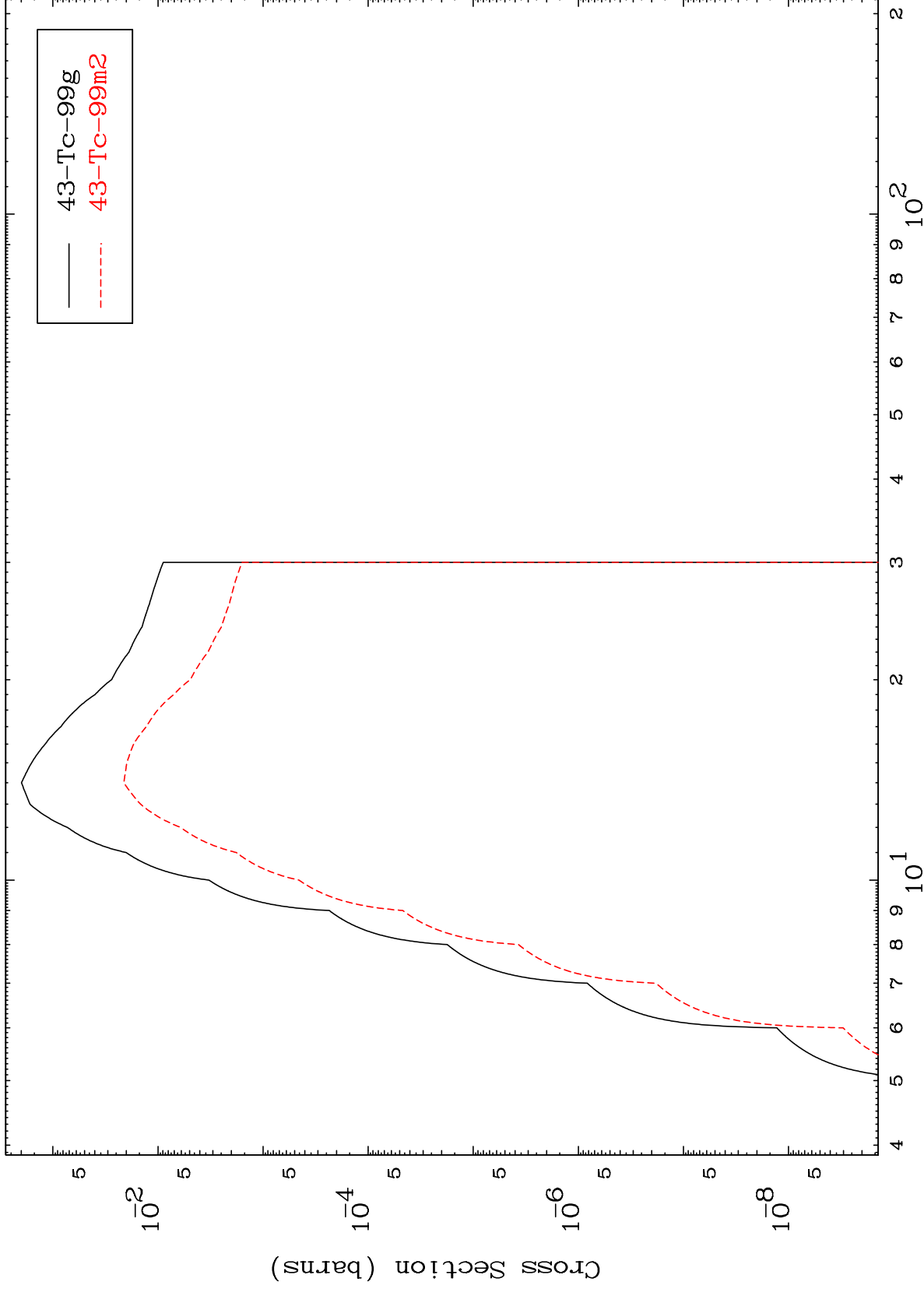
41-Nb-96



MAT 4134

α Inelastic
Radionuclide Production Cross Section

41-Nb-96



12

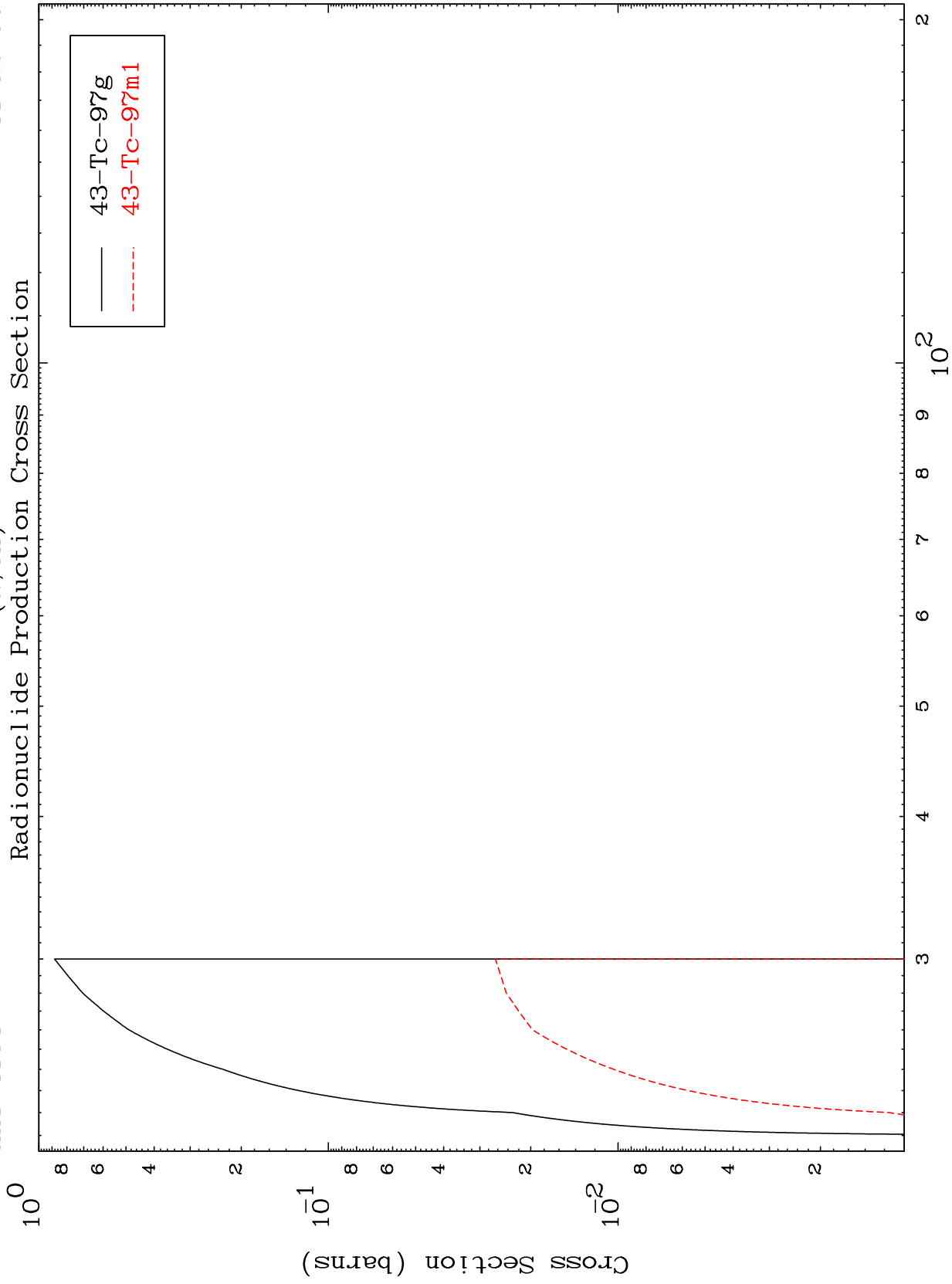
Incident Energy (MeV)

41-Nb-96

MAT 4134

41-Nb-96

($\alpha, 3n$)
Radionuclide Production Cross Section



13

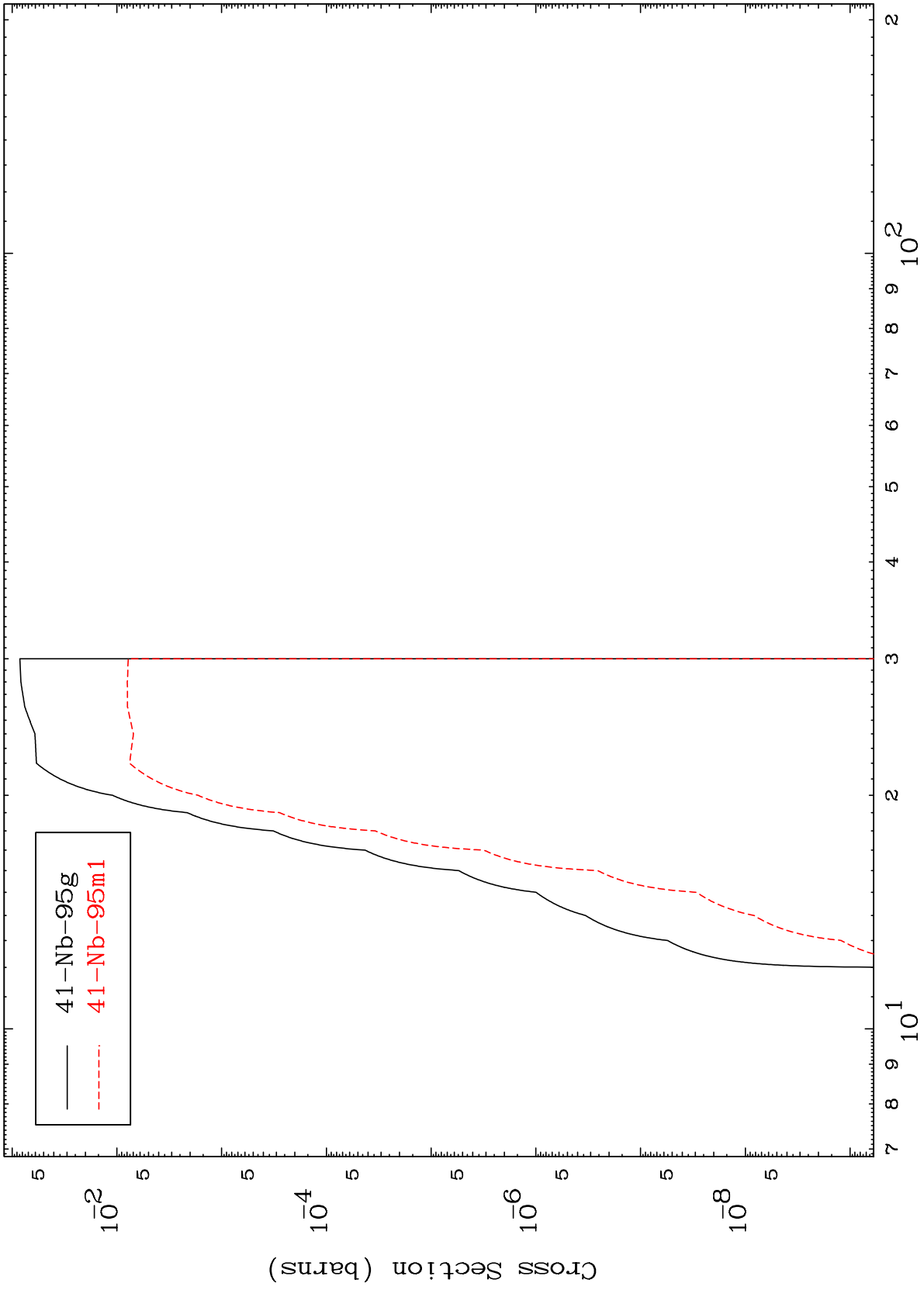
Incident Energy (MeV)

41-Nb-96

MAT 4134

41-Nb-96

(α, n') α
Radionuclide Production Cross Section



14

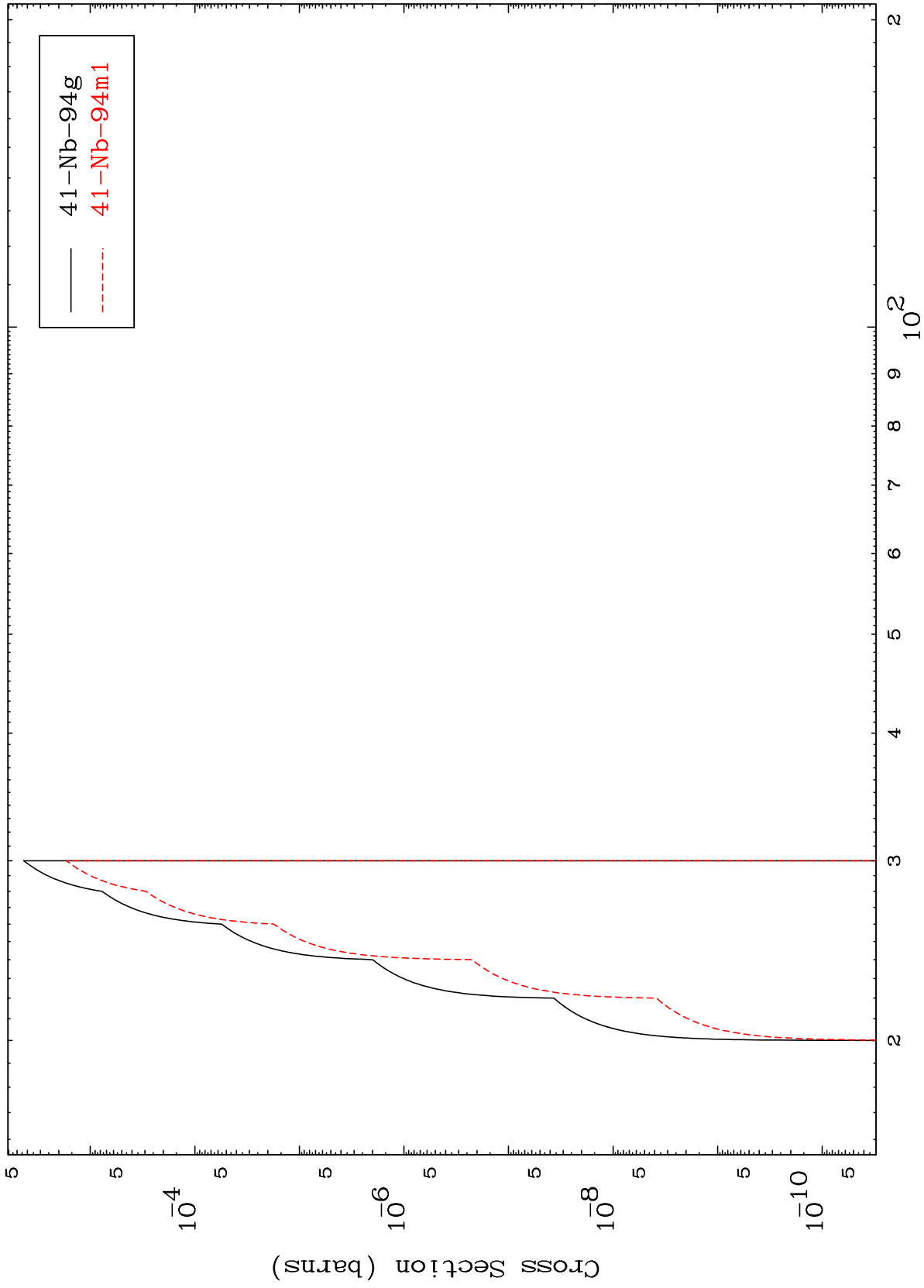
41-Nb-96

MAT 4134

$(\alpha, 2n) \alpha$

41-Nb-96

Radionuclide Production Cross Section



15

Incident Energy (MeV)

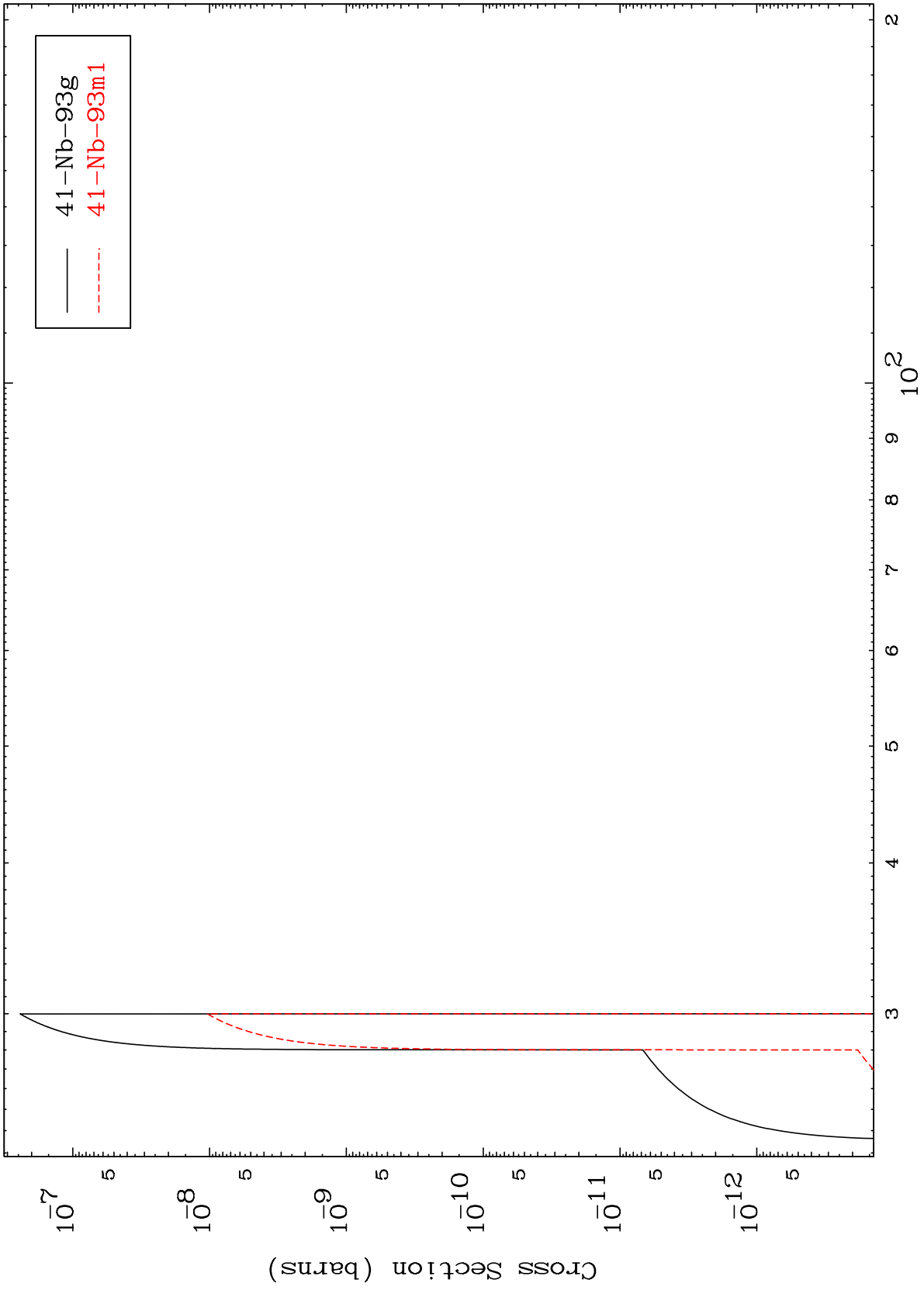
41-Nb-96

MAT 4134

($\alpha, 3n$) α

41-Nb-96

Radionuclide Production Cross Section



16

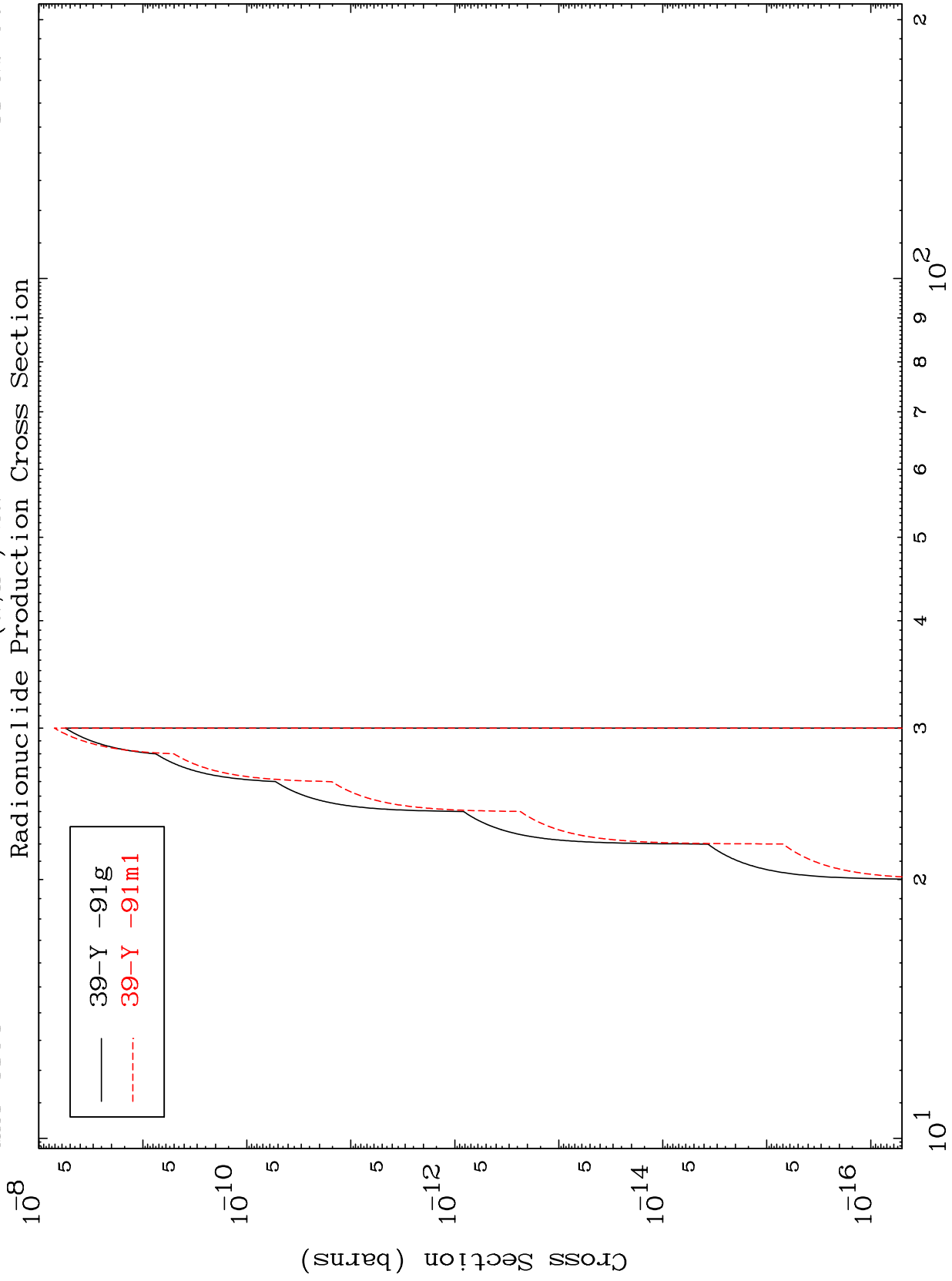
Incident Energy (MeV)

41-Nb-96

MAT 4134

(α, n') 2α

41-Nb-96



39-Y-91g
39-Y-91m1

17

Incident Energy (MeV)

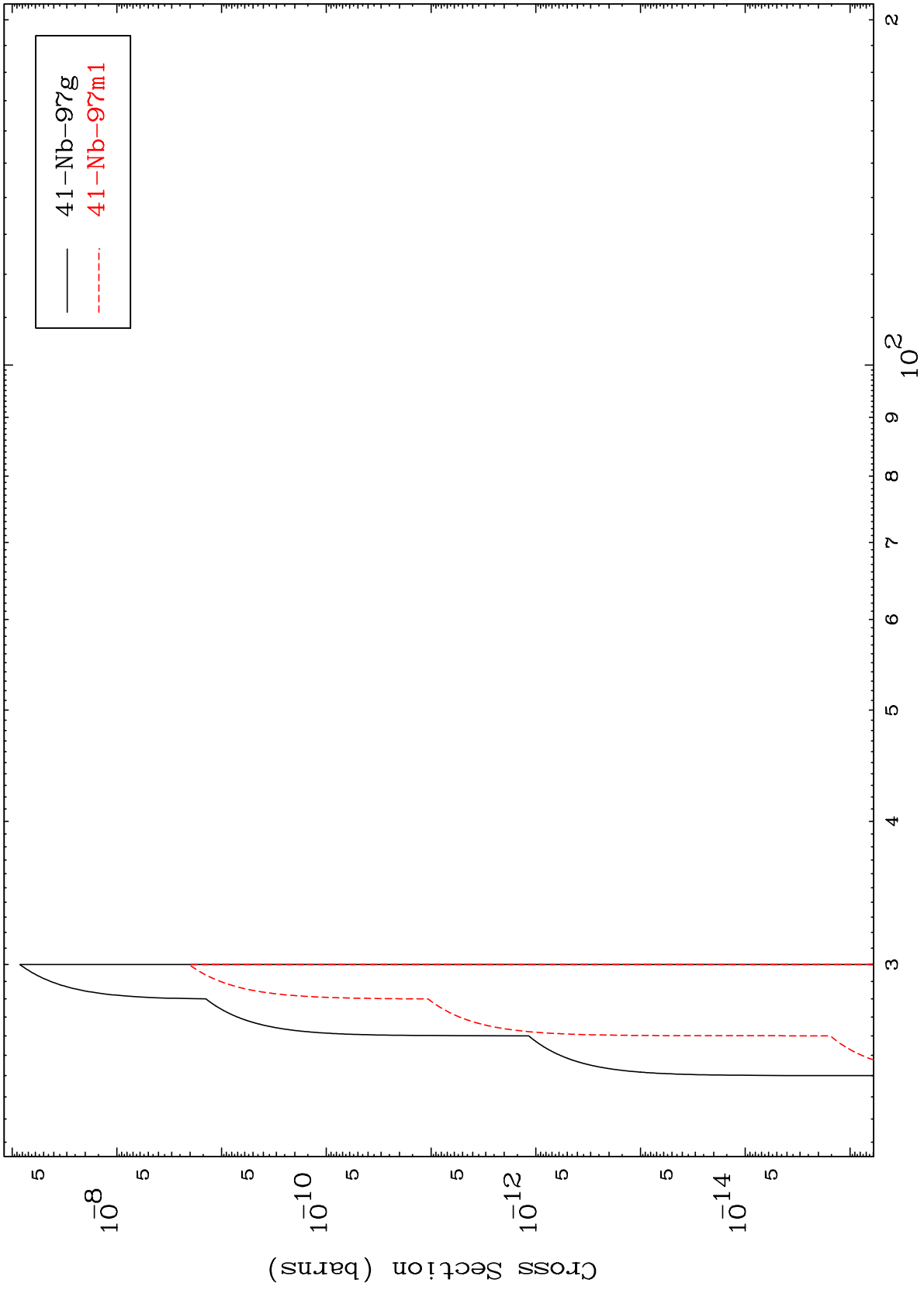
41-Nb-96

MAT 4134

($\alpha, 2n$) p

41-Nb-96

Radionuclide Production Cross Section



18

Incident Energy (MeV)

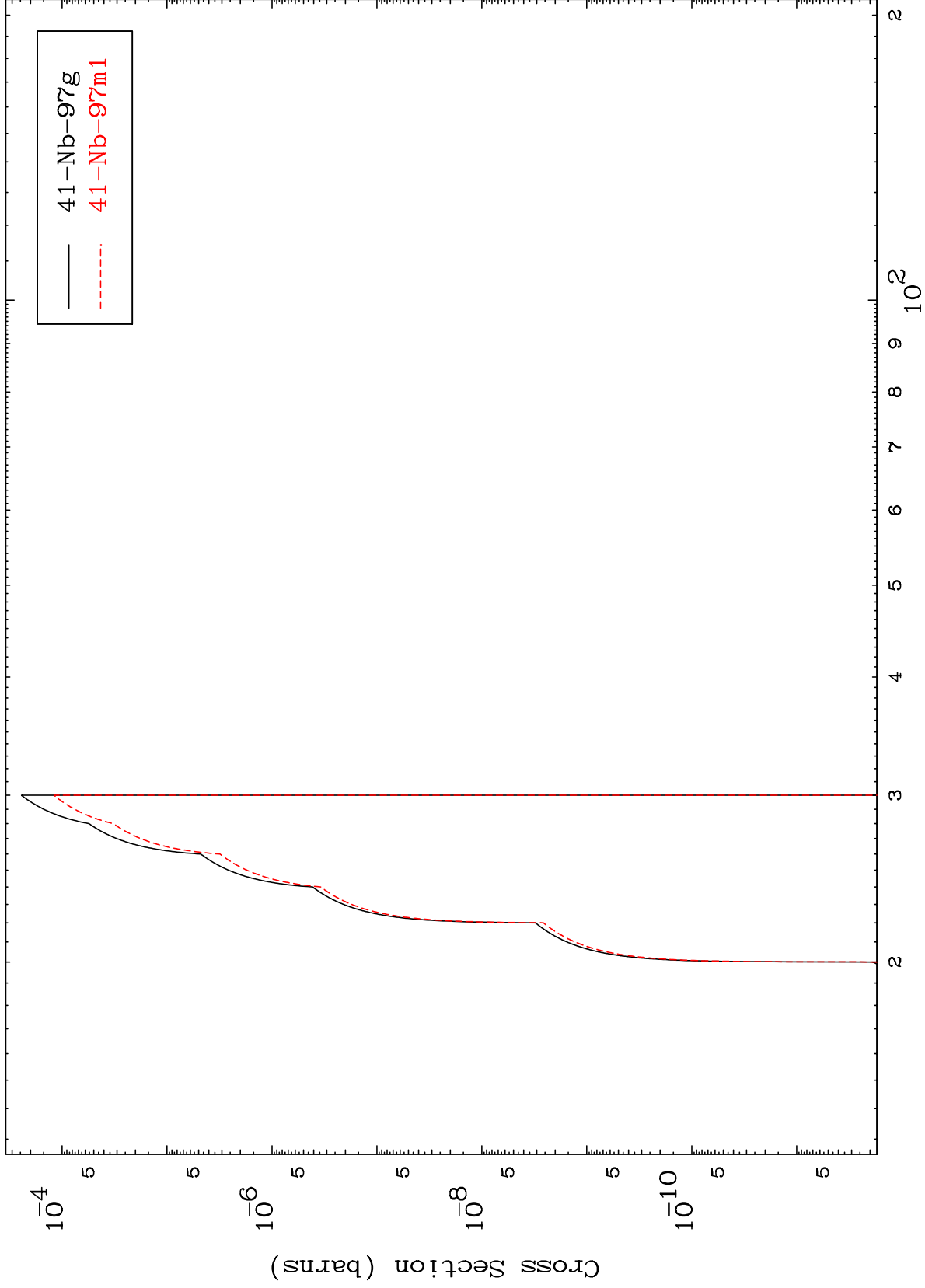
41-Nb-96

MAT 4134

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

41-Nb-96

Radionuclide Production Cross Section



19

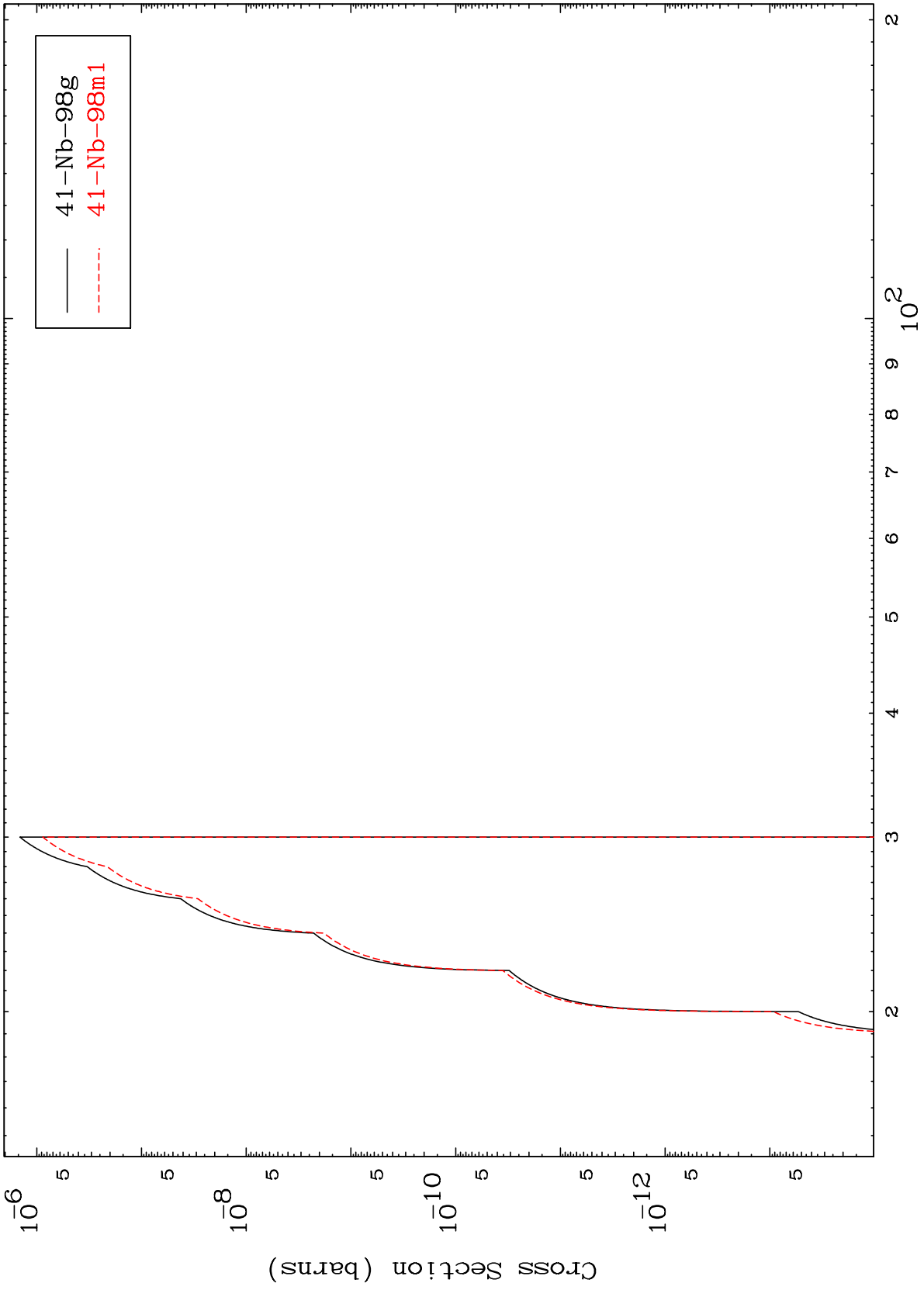
Incident Energy (MeV)

41-Nb-96

MAT 4134

41-Nb-96

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



20

Incident Energy (MeV)

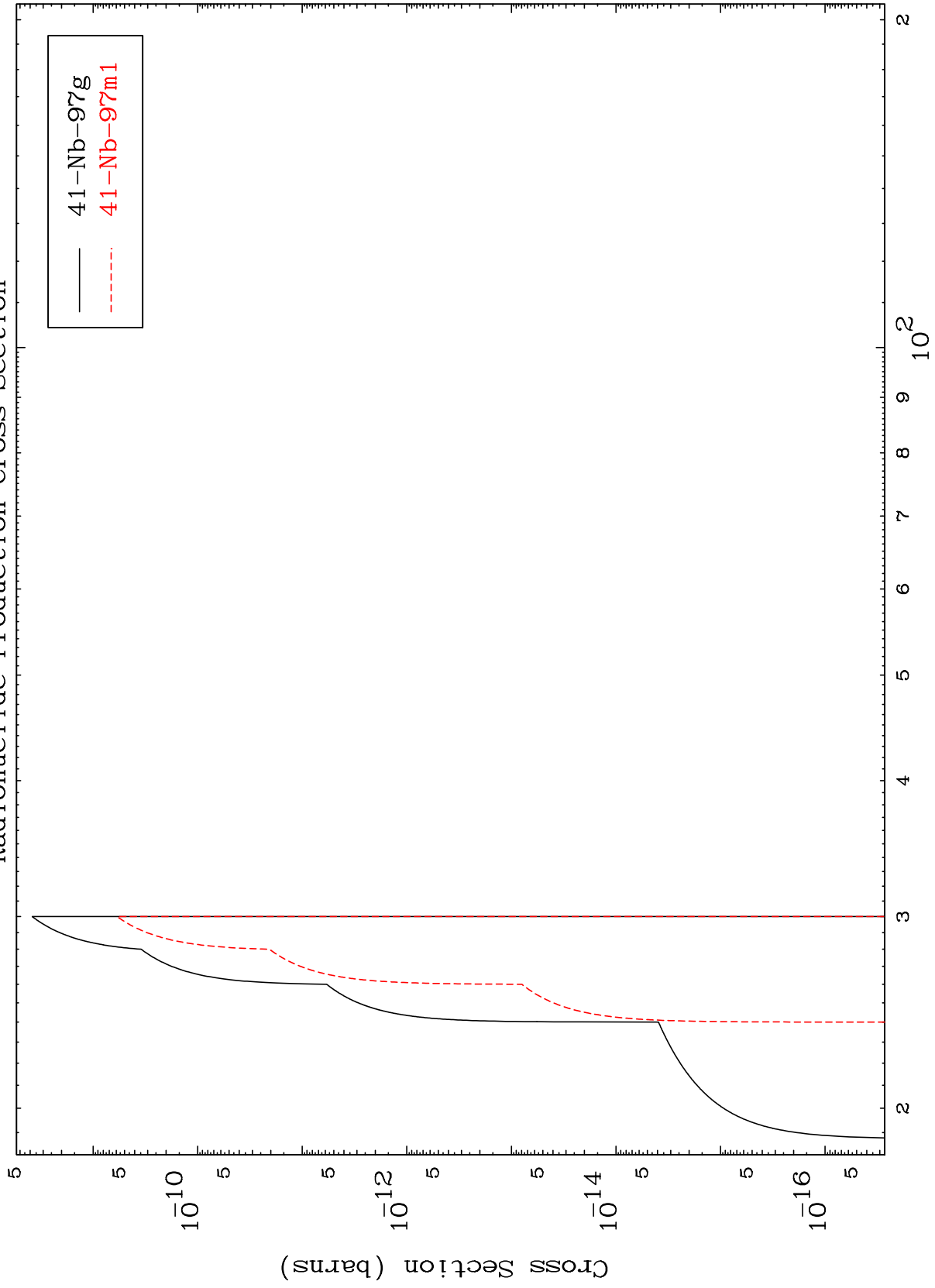
41-Nb-96

MAT 4134

(α, p) d

41-Nb-96

Radionuclide Production Cross Section



21

Incident Energy (MeV)

41-Nb-96