

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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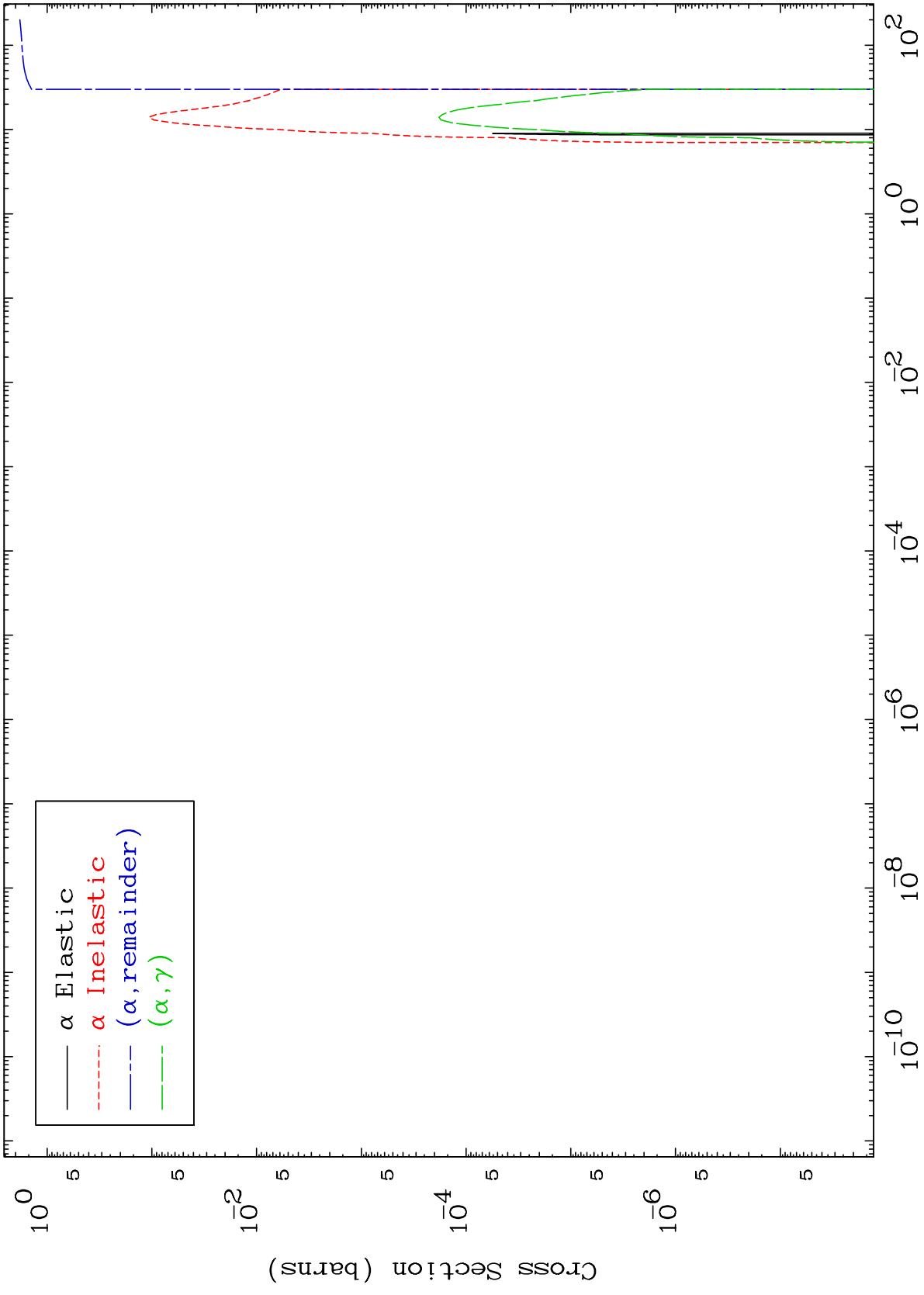
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3710

0 Kelvin α Major
Cross Sections

37-Rb-80



37-Rb-80

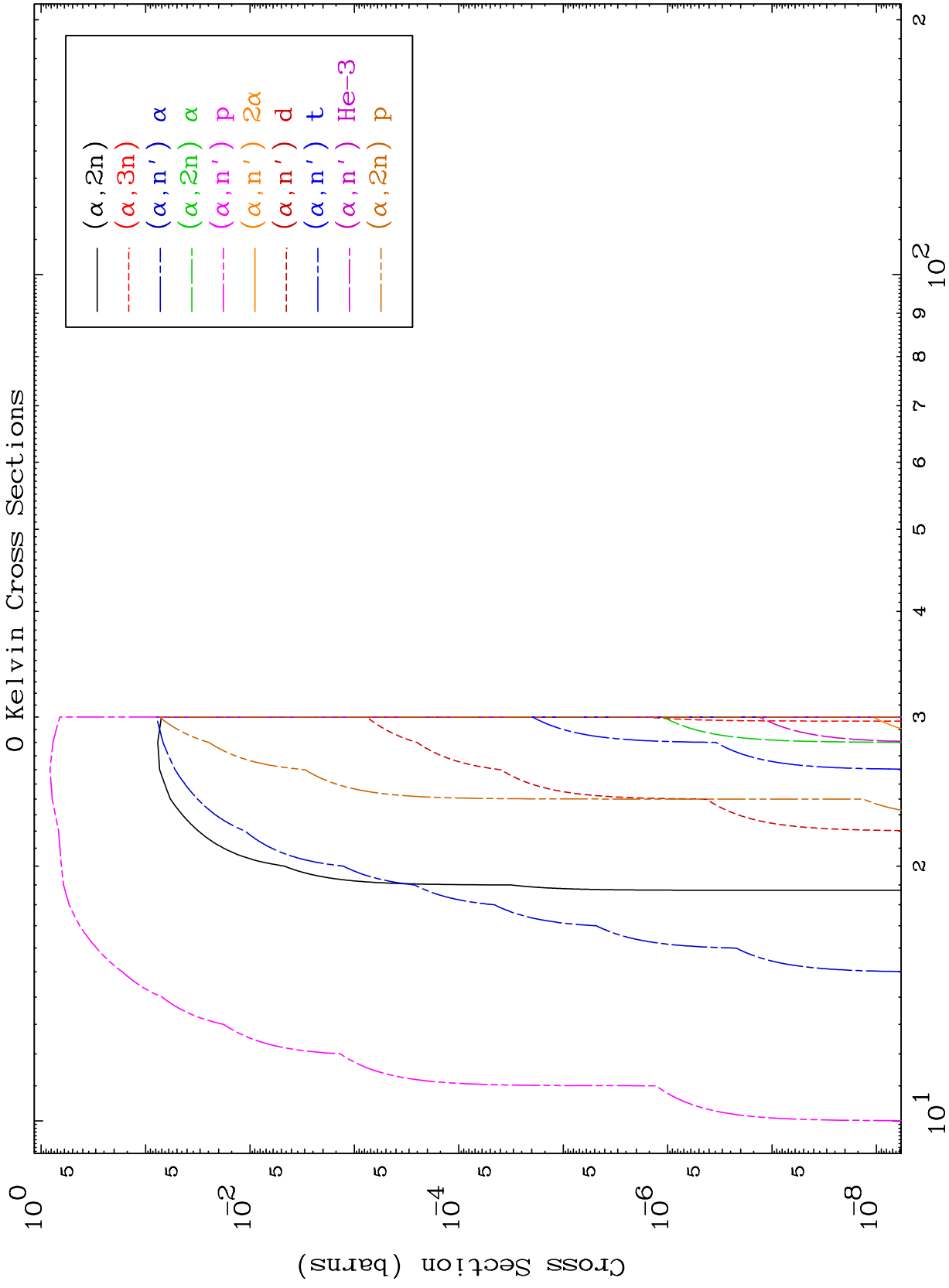
Incident Energy (MeV)

1

MAT 3710

α Neutron Production
0 Kelvin Cross Sections

37-Rb-80



2

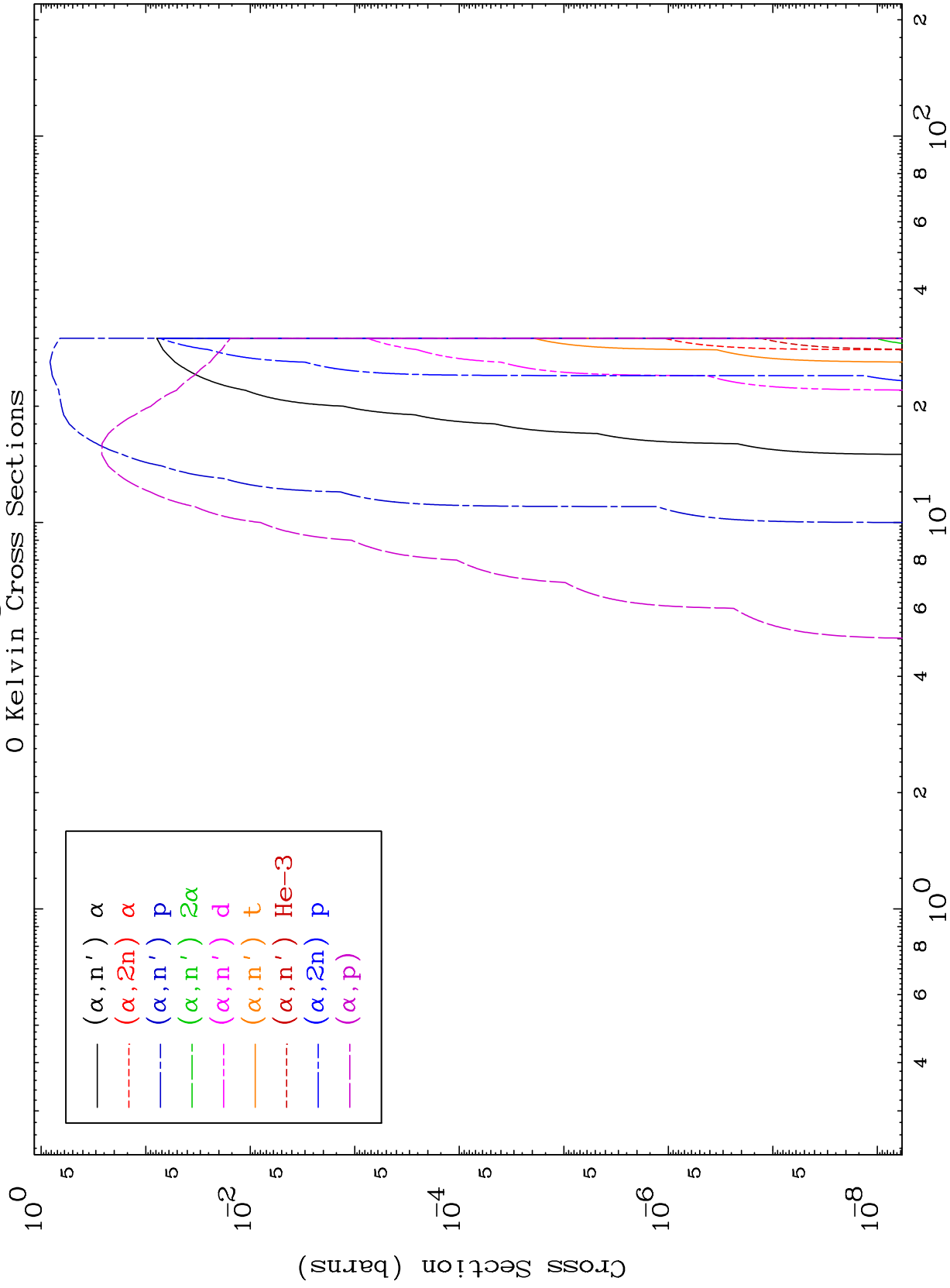
Incident Energy (MeV)

37-Rb-80

MAT 3710

α Charged Particle
0 Kelvin Cross Sections

37-Rb-80



3

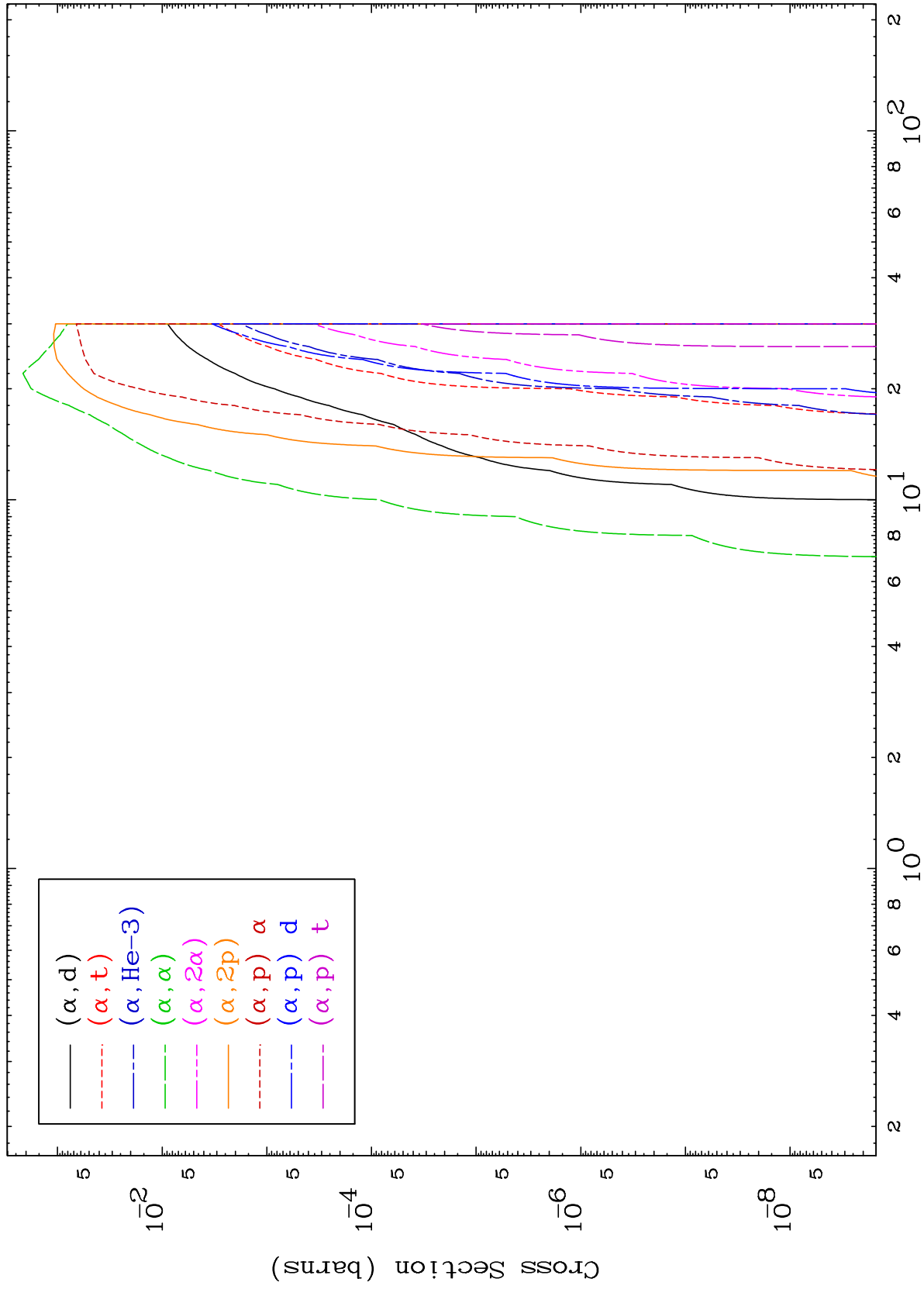
Incident Energy (MeV)

37-Rb-80

MAT 3710

α Charged Particle
0 Kelvin Cross Sections

37-Rb-80



4

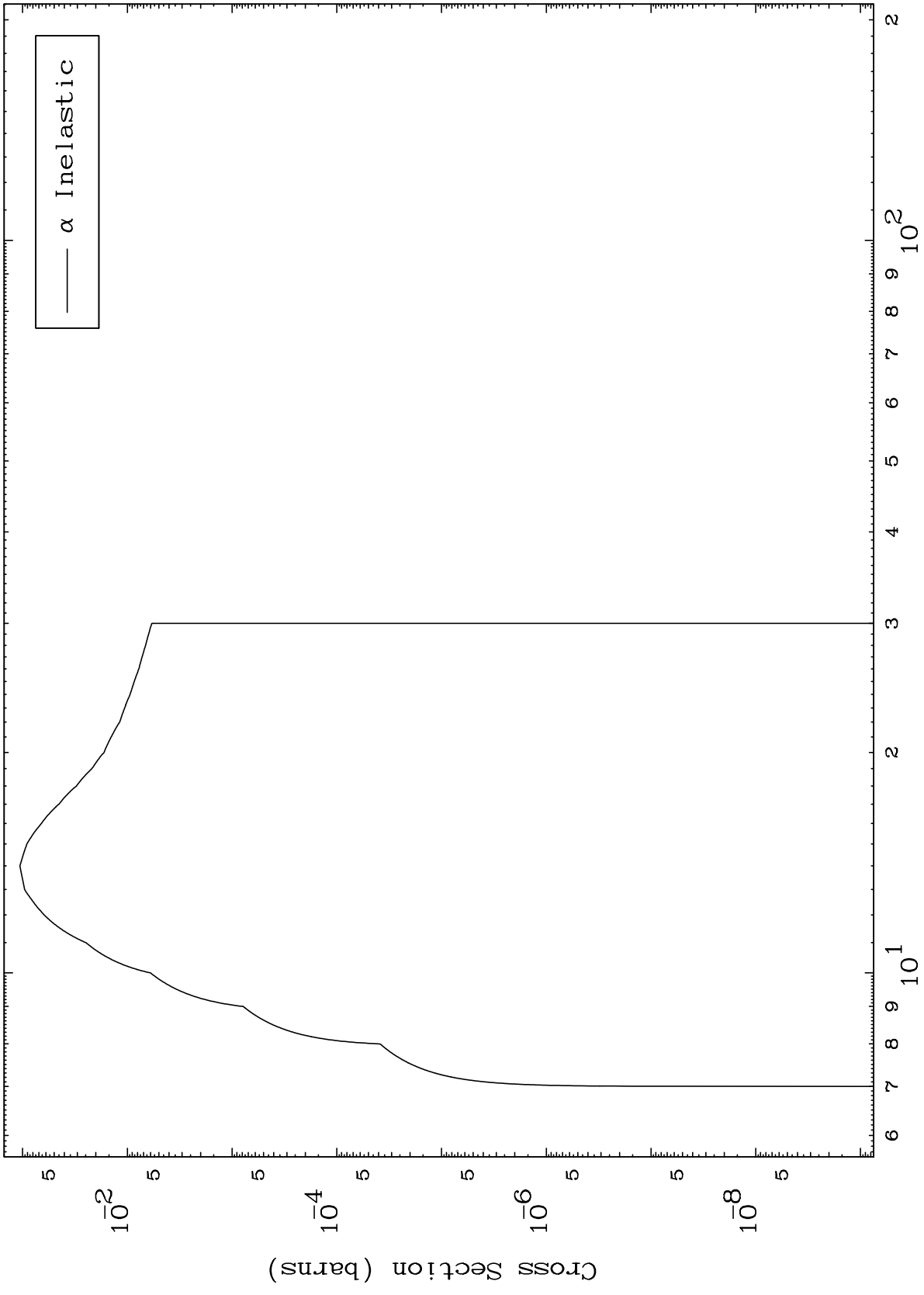
Incident Energy (MeV)

37-Rb-80

MAT 3710

(α, n') Level
0 Kelvin Cross Sections

37-Rb-80



— α Inelastic

5

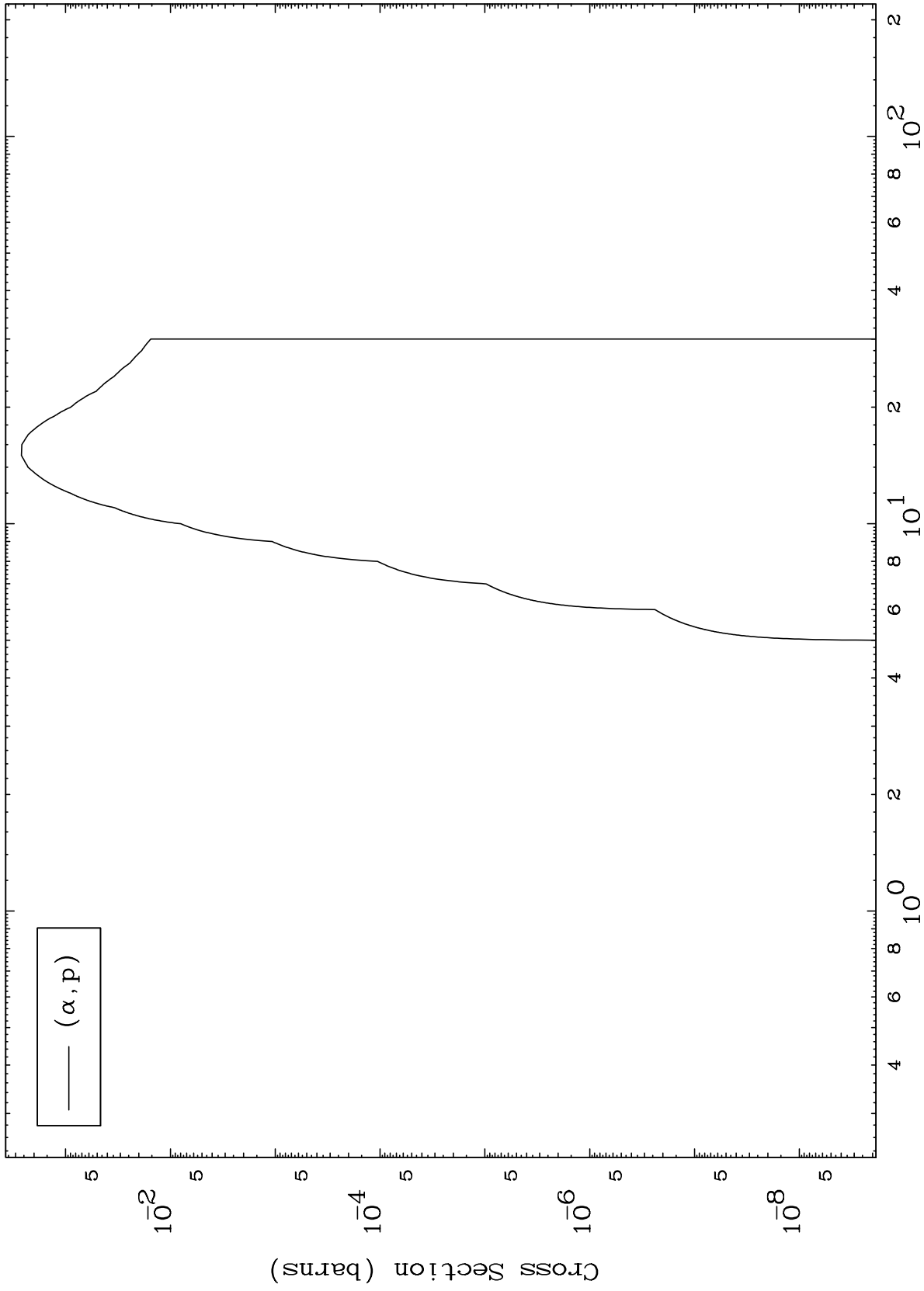
Incident Energy (MeV)

37-Rb-80

MAT 3710

(α, p) Levels
0 Kelvin Cross Sections

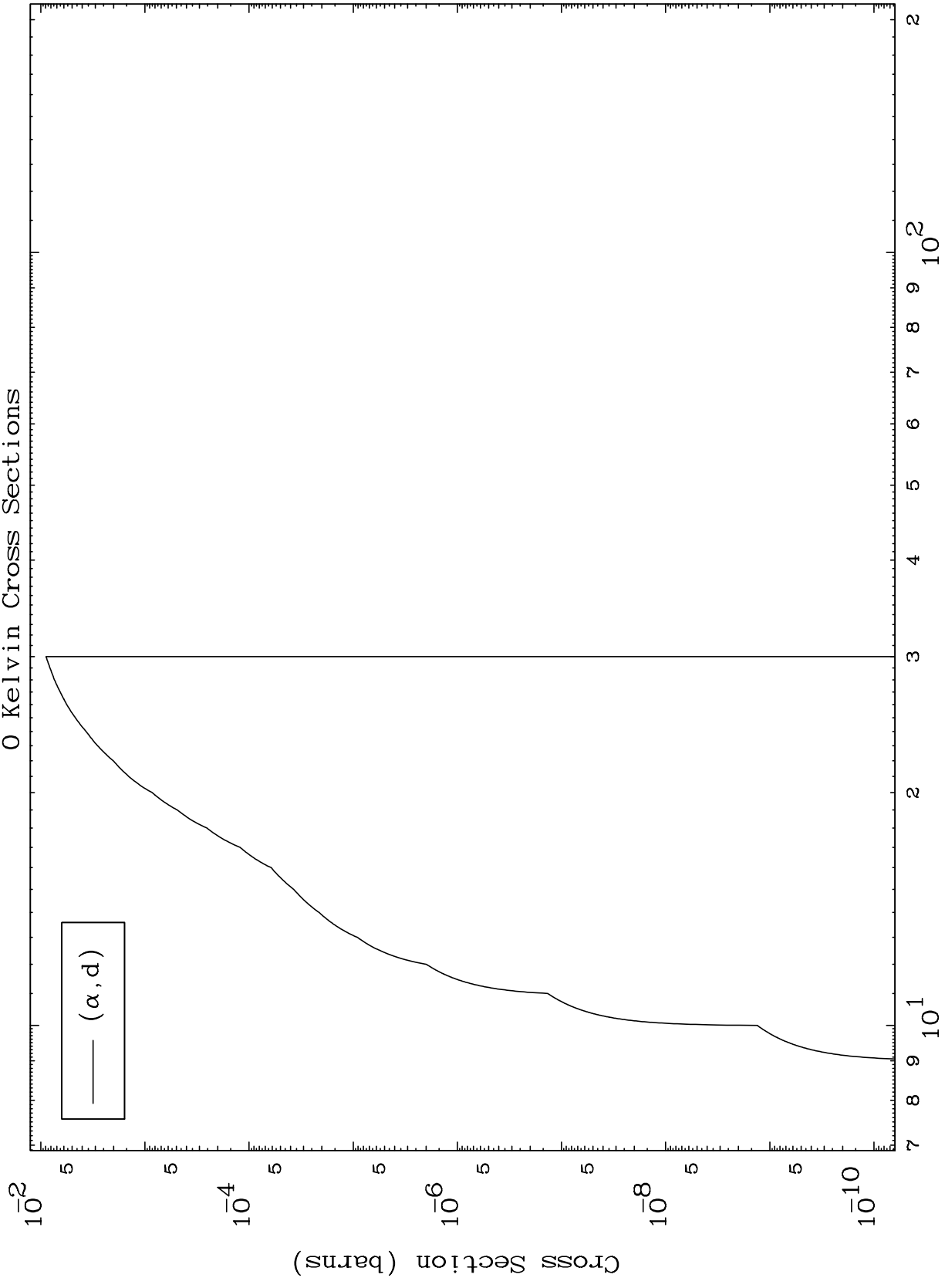
37-Rb-80



MAT 3710

(α, d) Levels
0 Kelvin Cross Sections

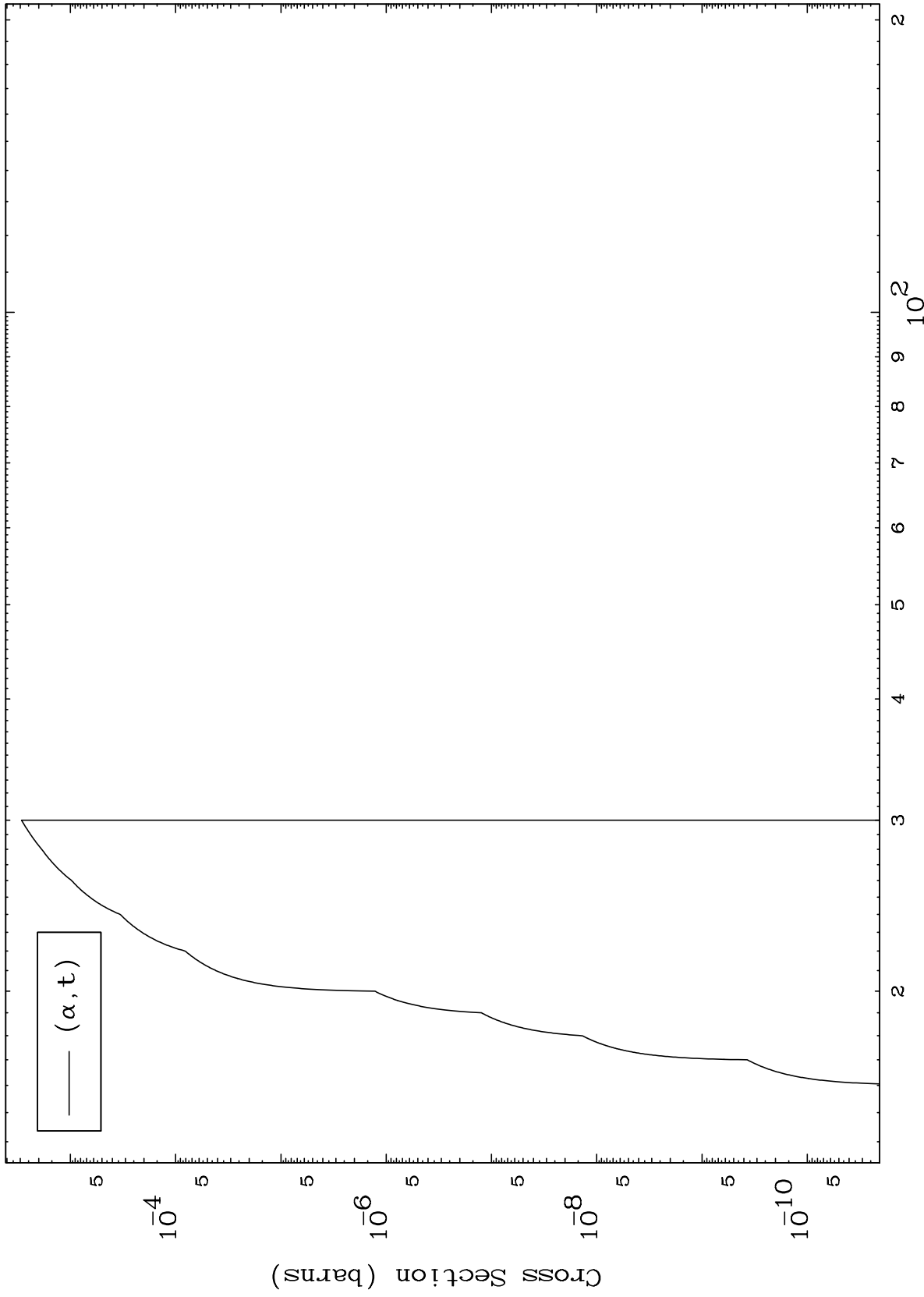
37-Rb-80



7

Incident Energy (MeV)

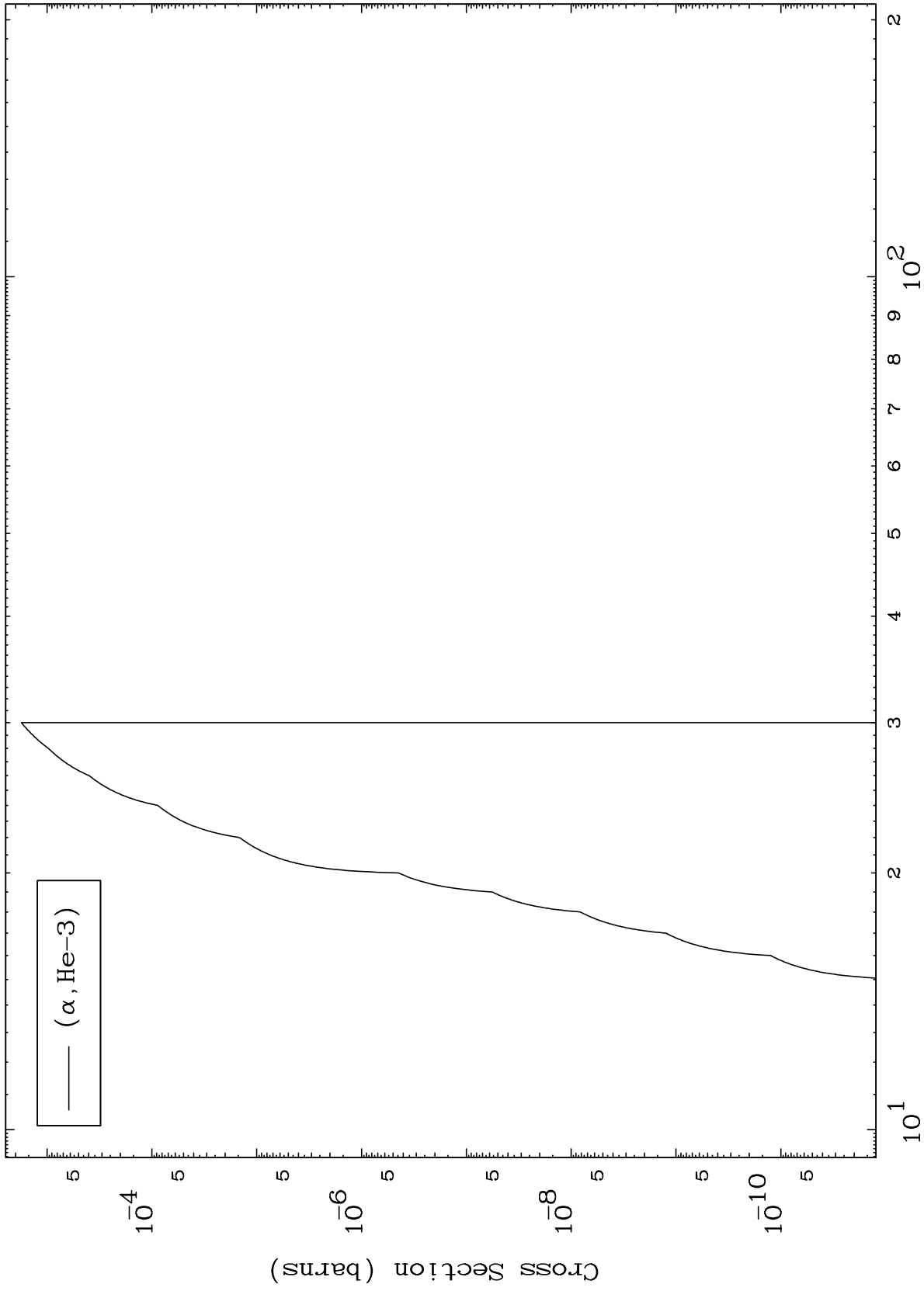
37-Rb-80



MAT 3710

(α ,He3) Levels
0 Kelvin Cross Sections

37-Rb-80



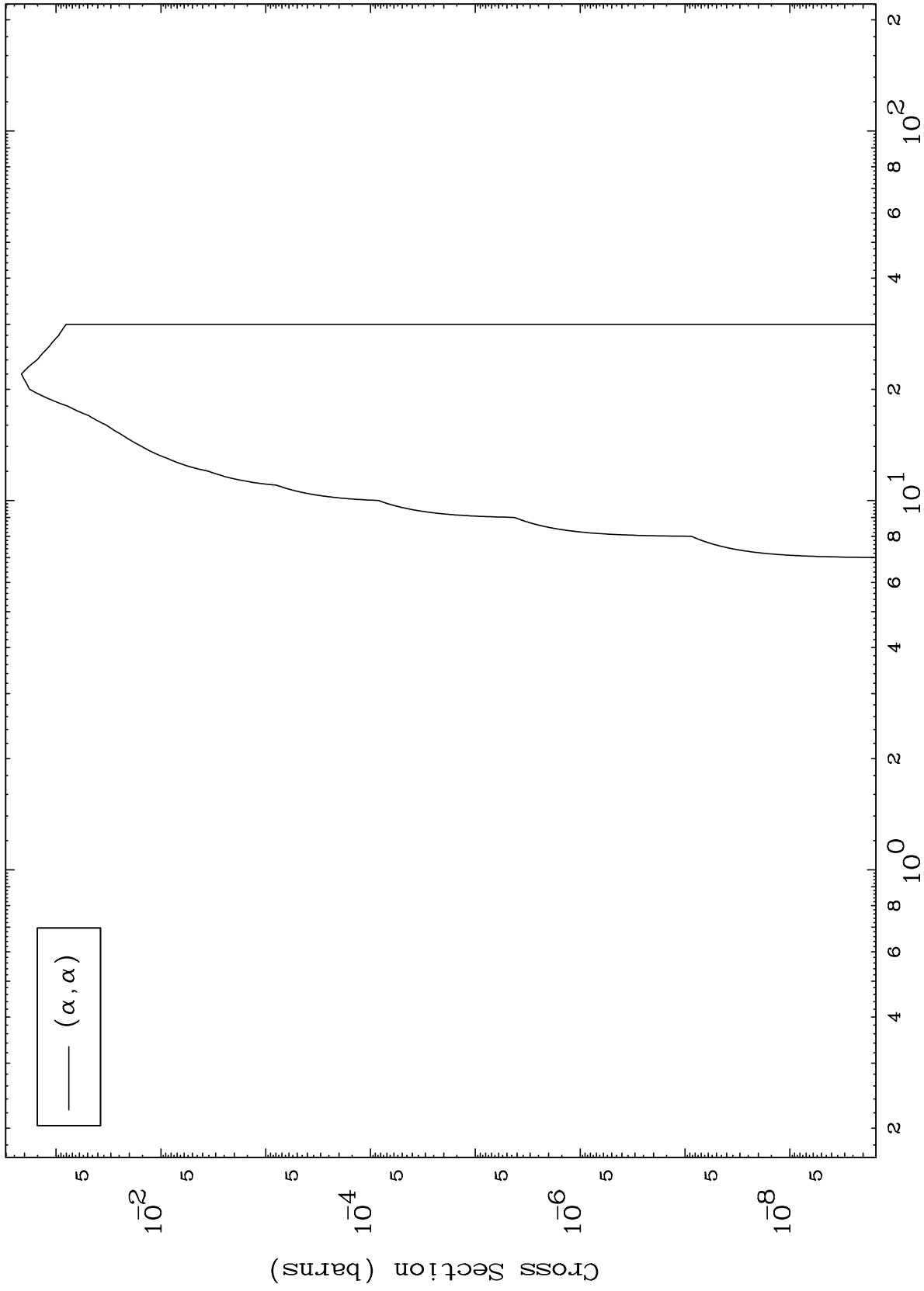
Incident Energy (MeV)

37-Rb-80

MAT 3710

(α, α) Levels
0 Kelvin Cross Sections

37-Rb-80



10

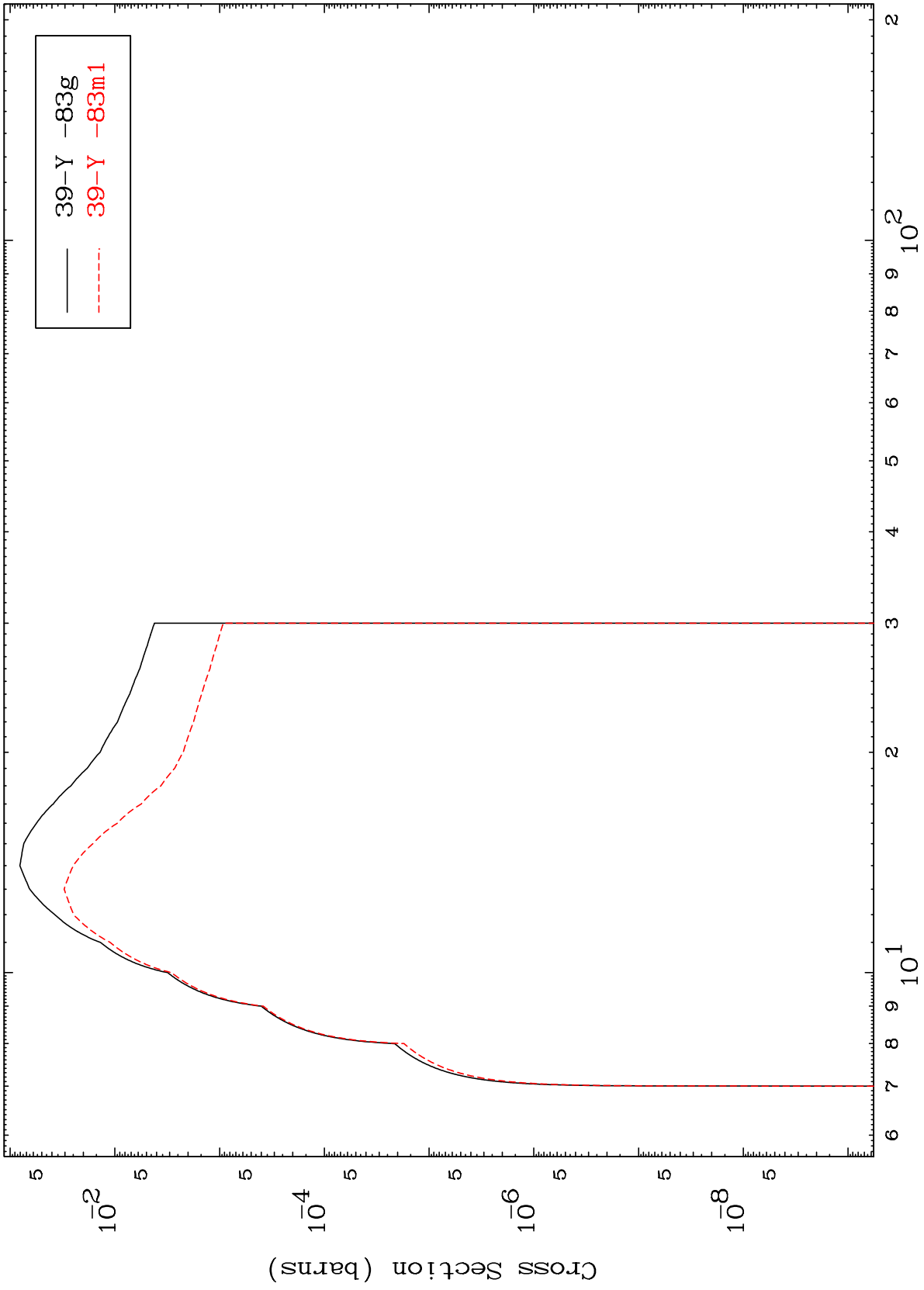
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

α Inelastic Radionuclide Production Cross Section



11

Incident Energy (MeV)

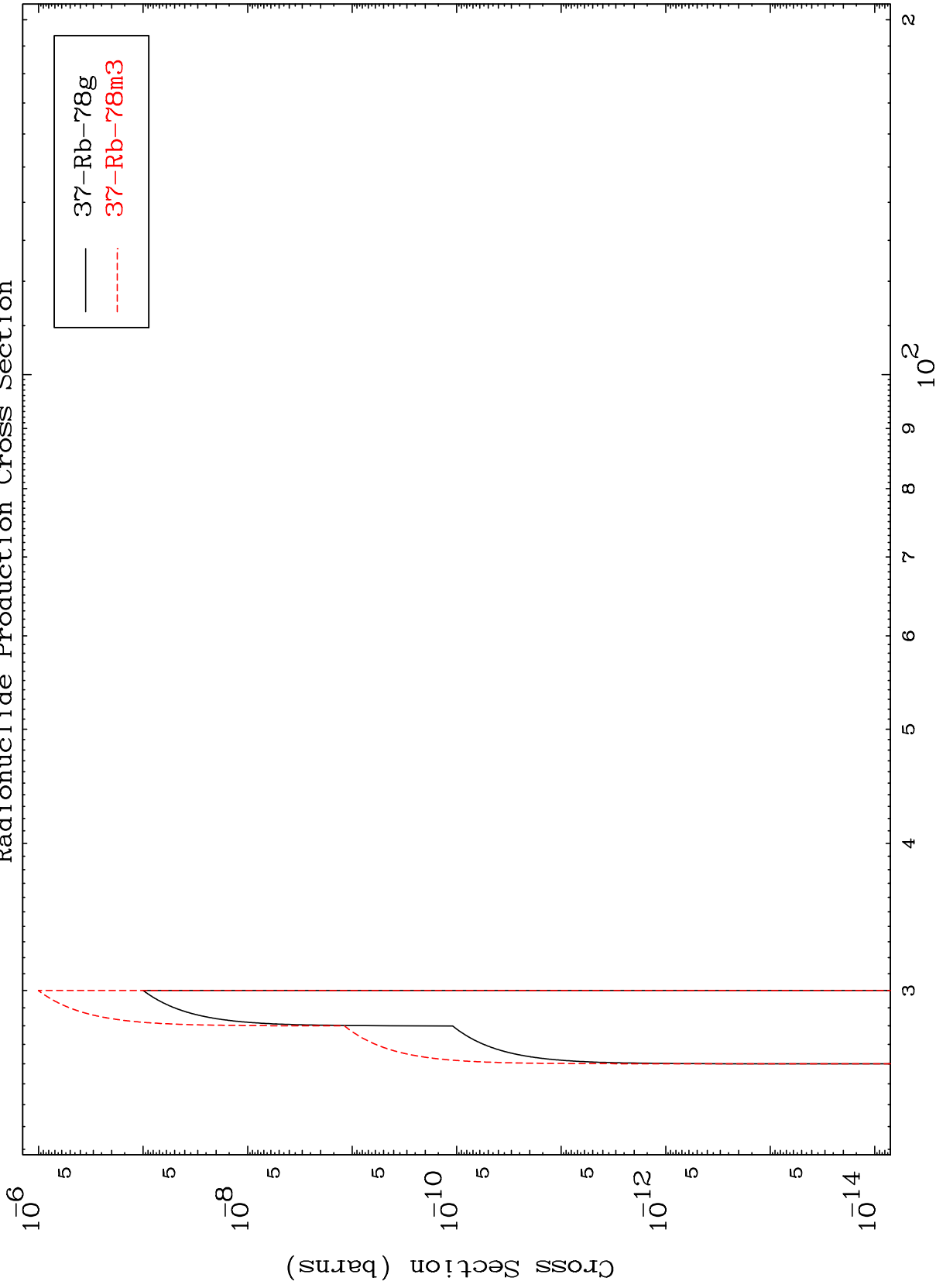
37-Rb-80

MAT 3710

$(\alpha, 2n) \alpha$

37-Rb-80

Radionuclide Production Cross Section



12

Incident Energy (MeV)

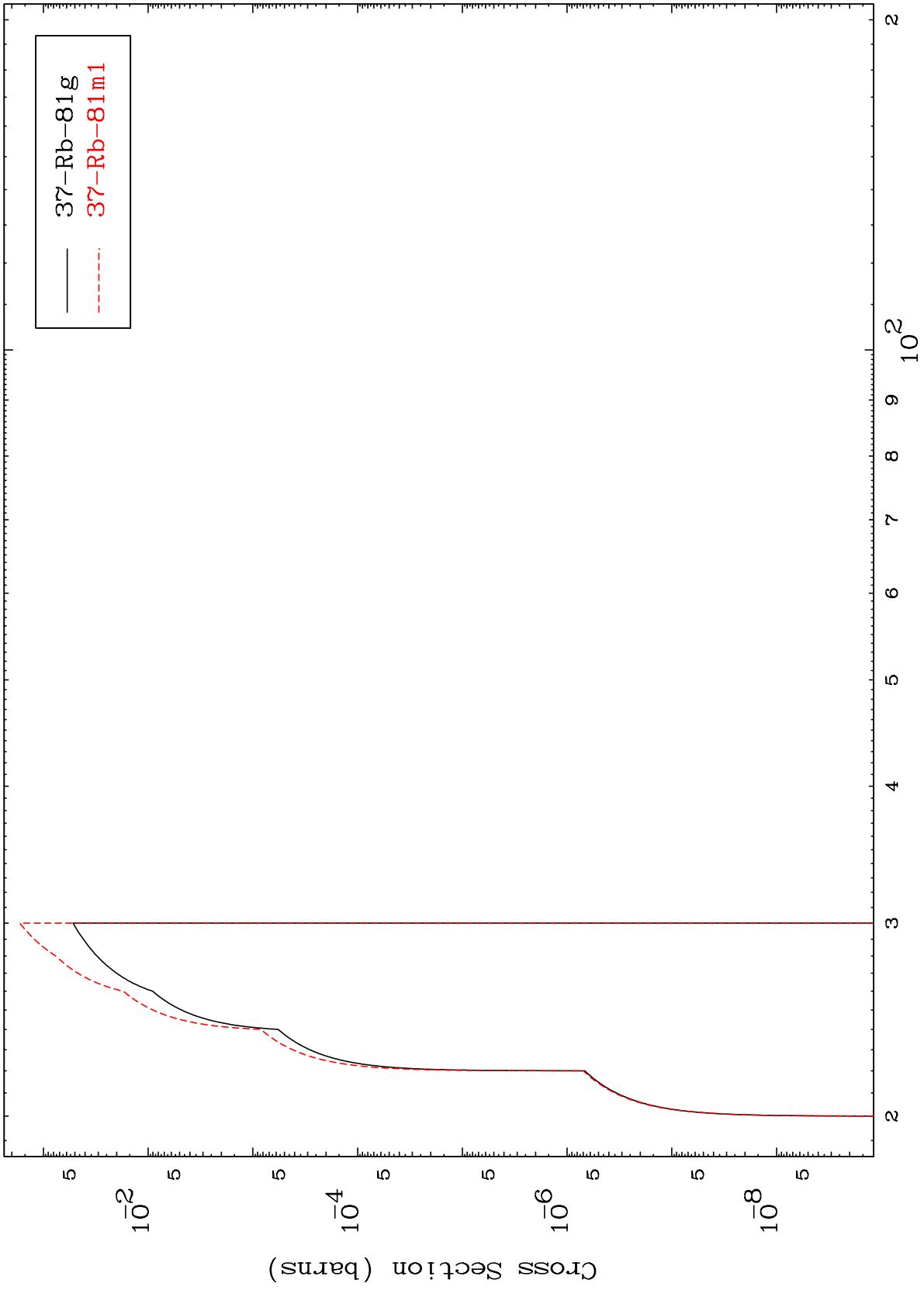
37-Rb-80

MAT 3710

$(\alpha, 2n)$ p

$^{37}\text{Rb-80}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

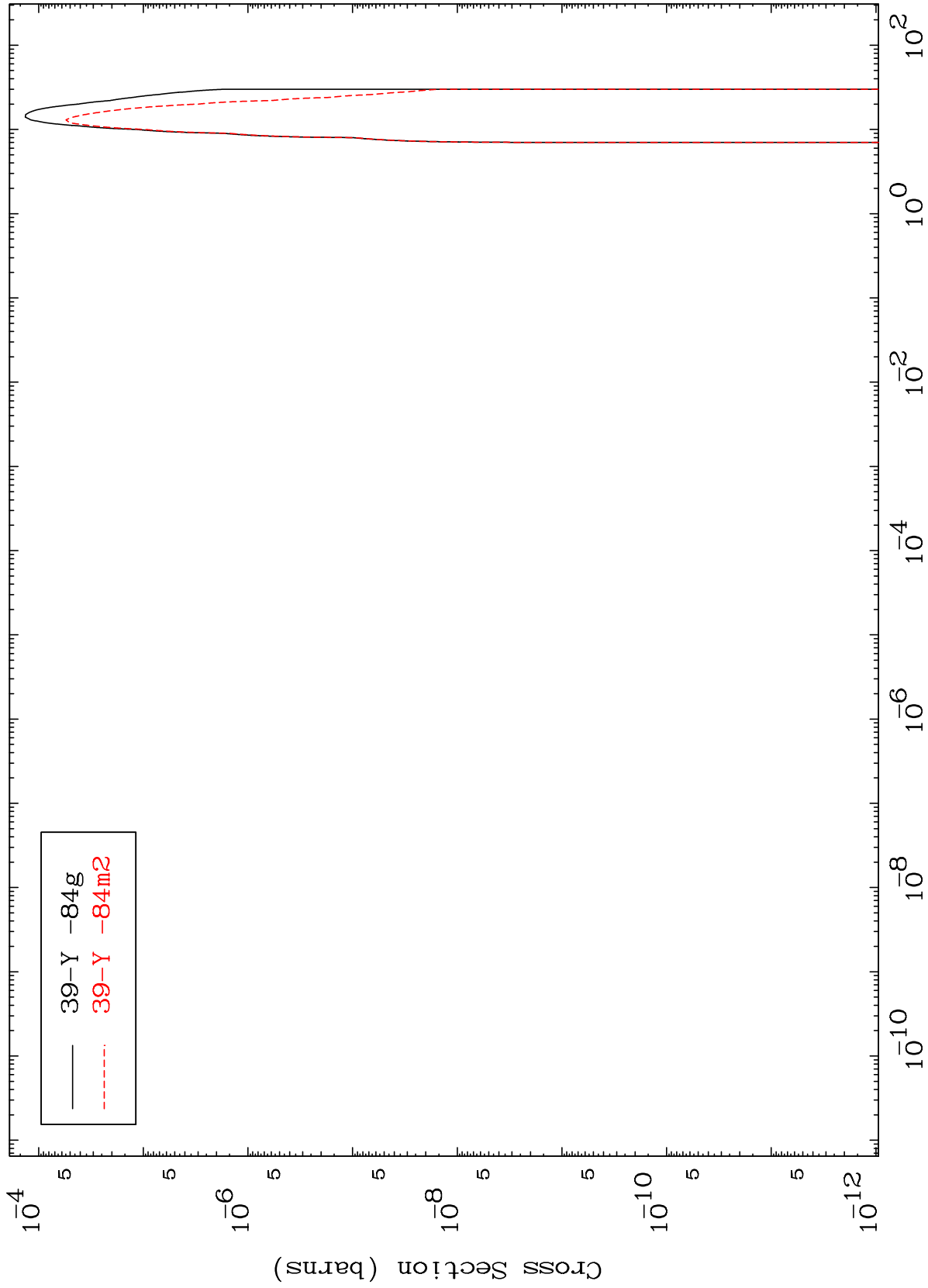
$^{37}\text{Rb-80}$

MAT 3710

(α, γ)

37-Rb-80

Radionuclide Production Cross Section



14

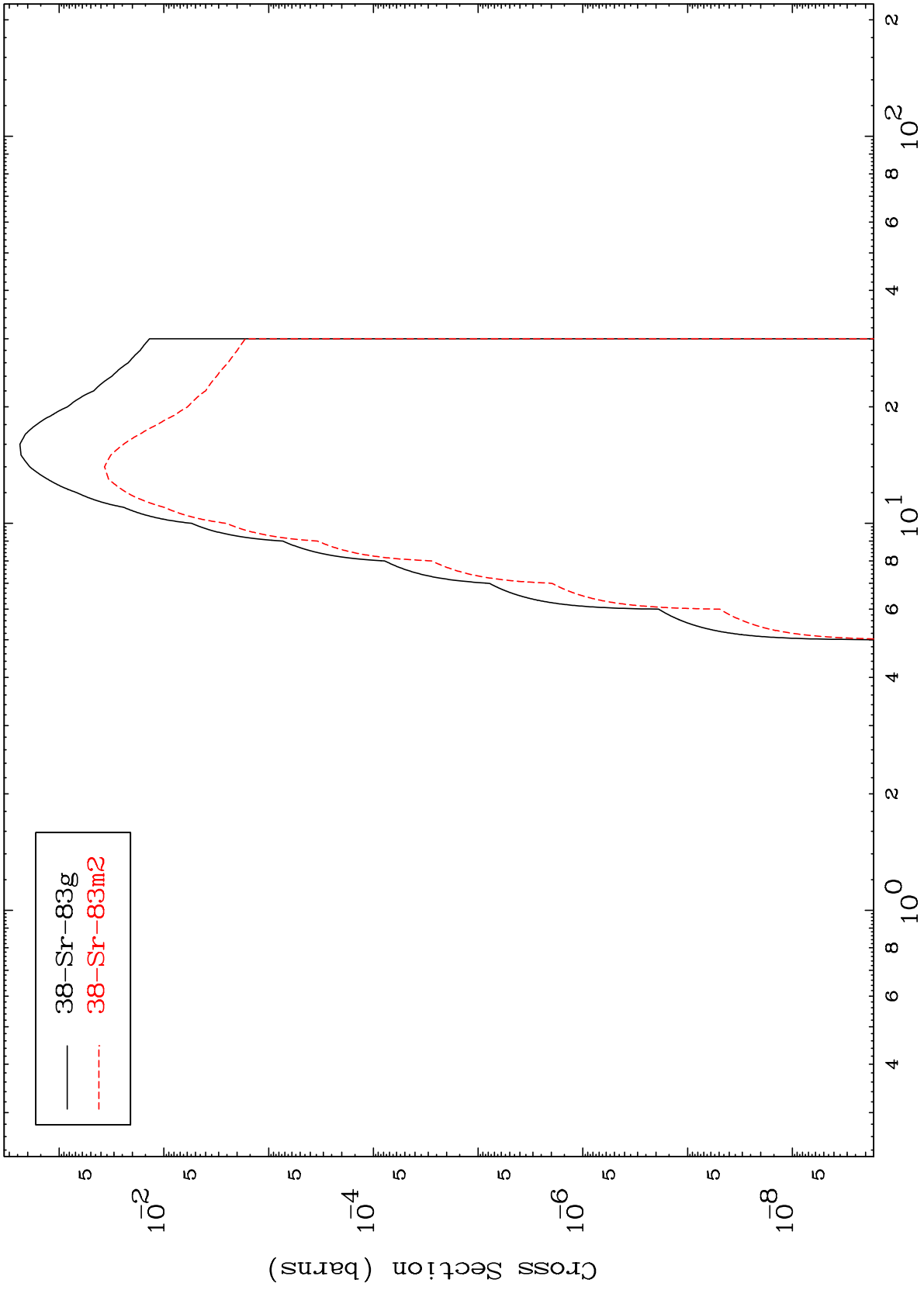
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

(α, p)
Radionuclide Production Cross Section



15

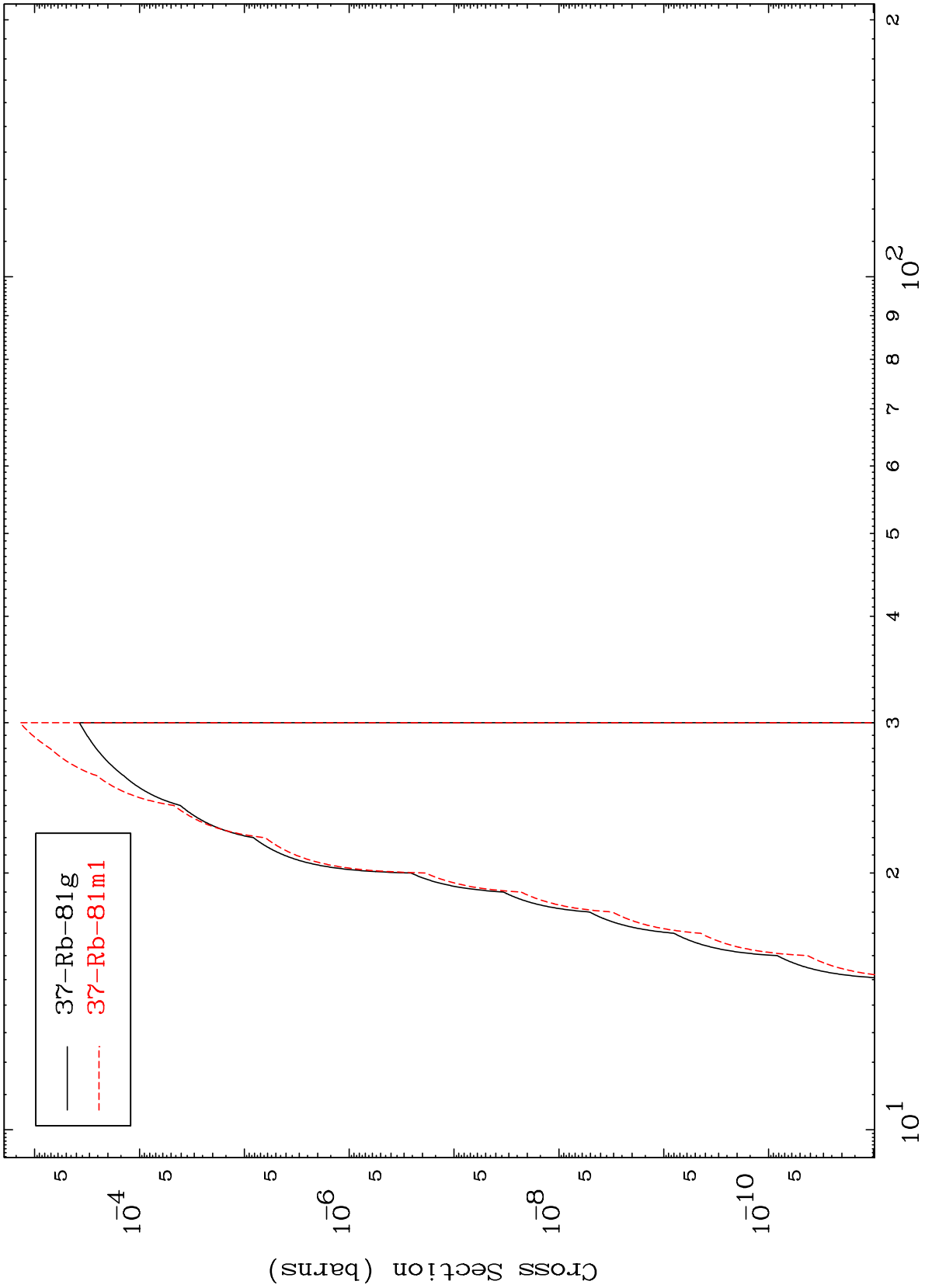
37-Rb-80

MAT 3710

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

37-Rb-80

Radionuclide Production Cross Section



16

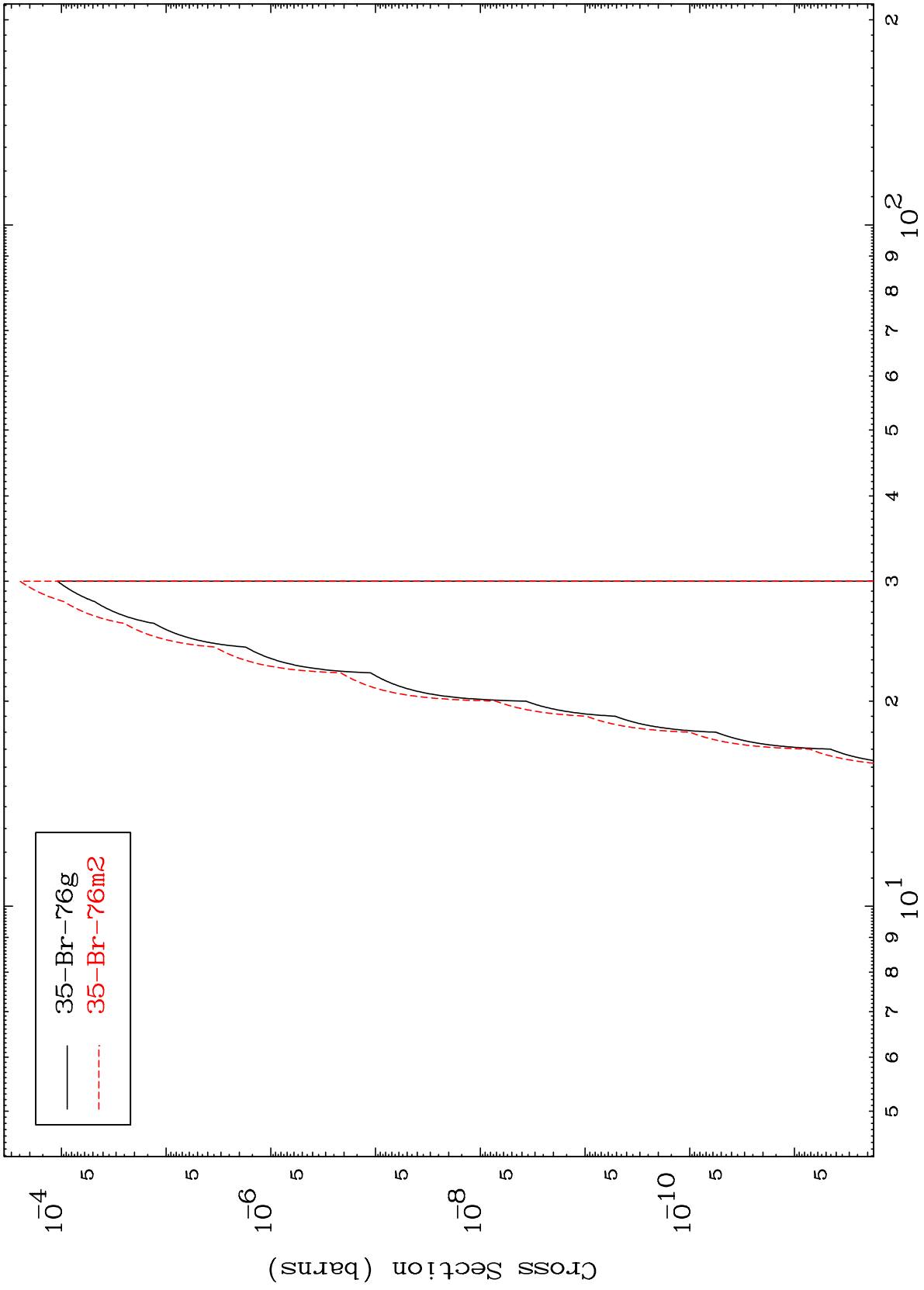
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

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



17

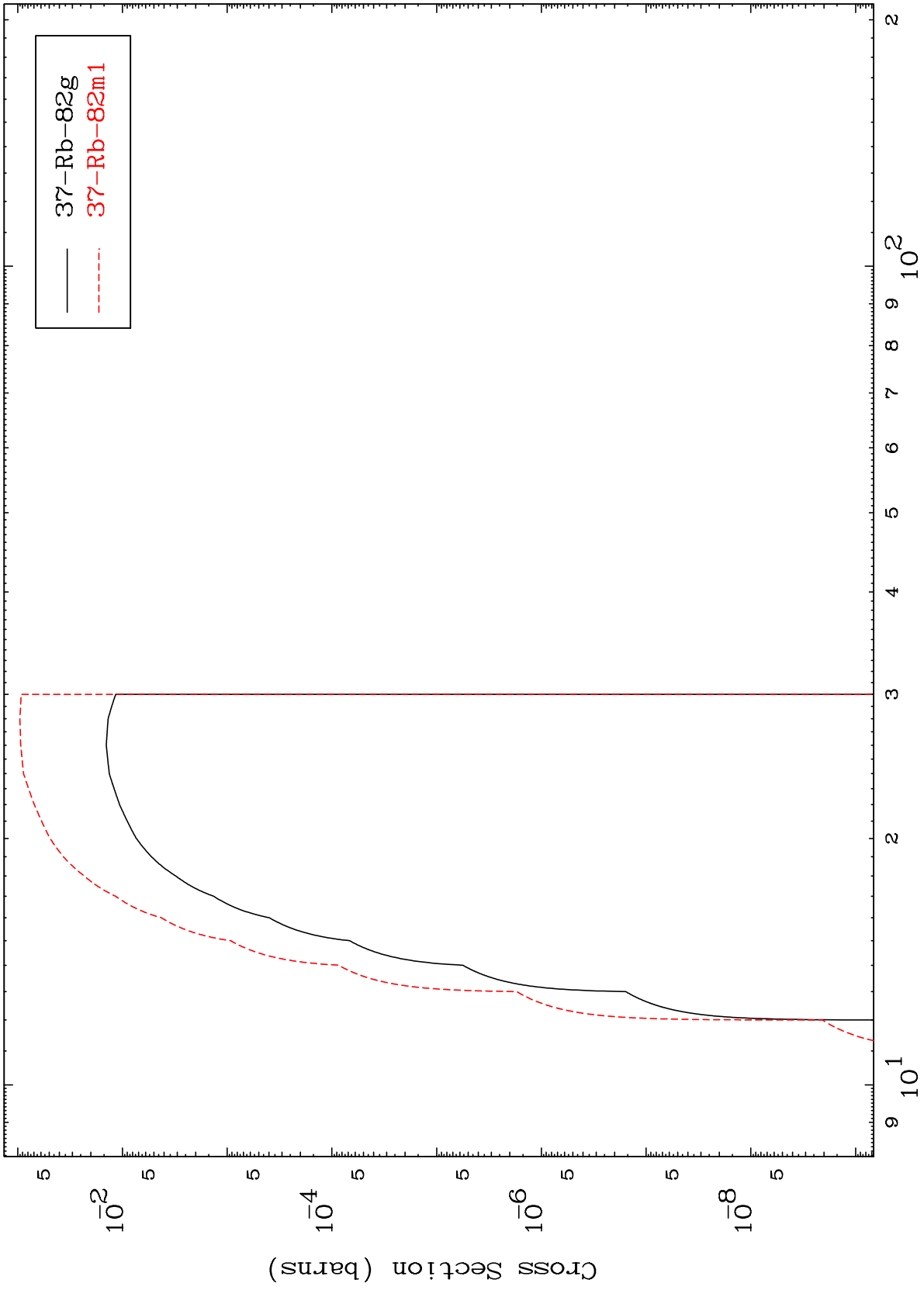
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

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



18

Incident Energy (MeV)

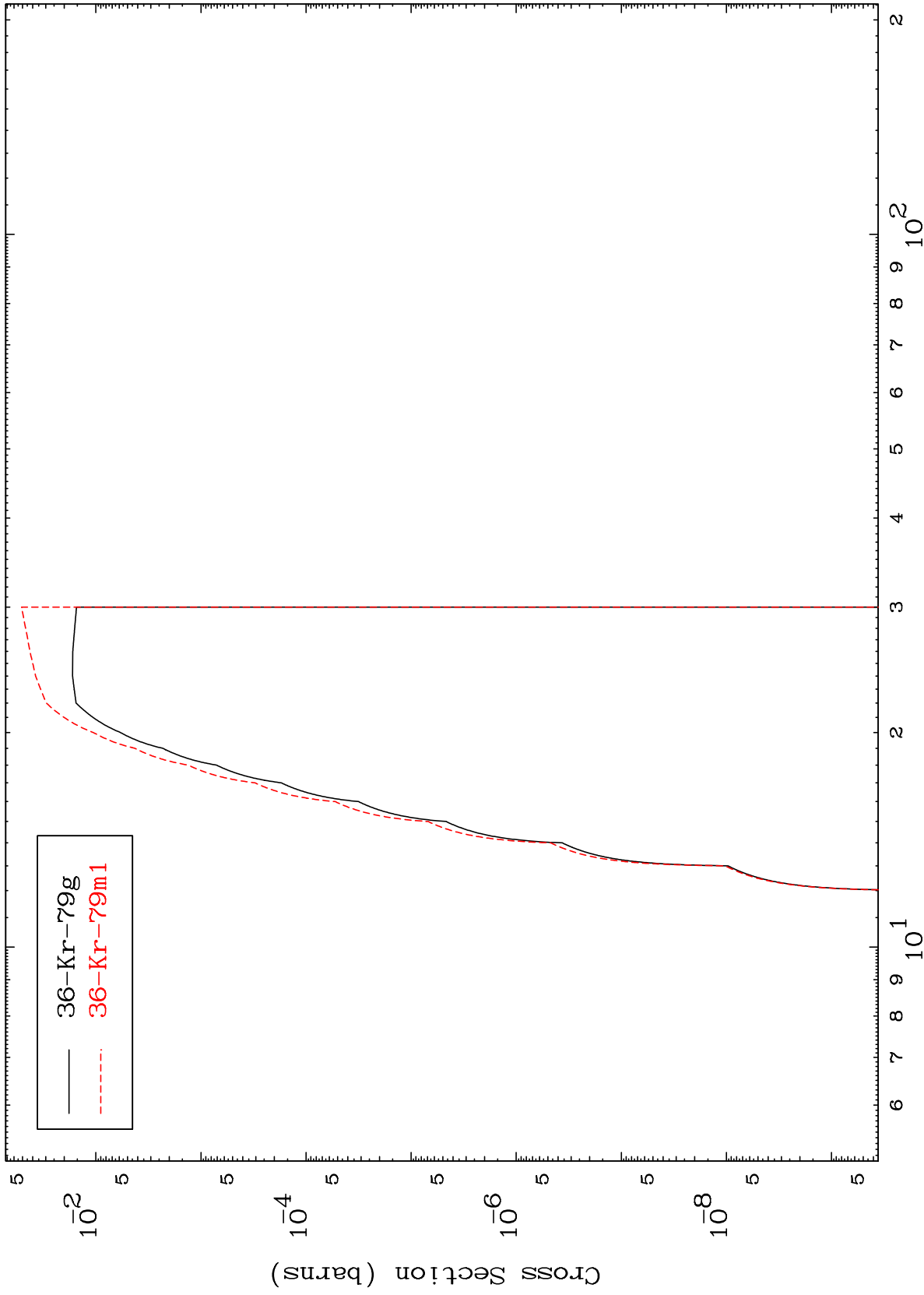
37-Rb-80

MAT 3710

(α, p) α

37-Rb-80

Radionuclide Production Cross Section



19

Incident Energy (MeV)

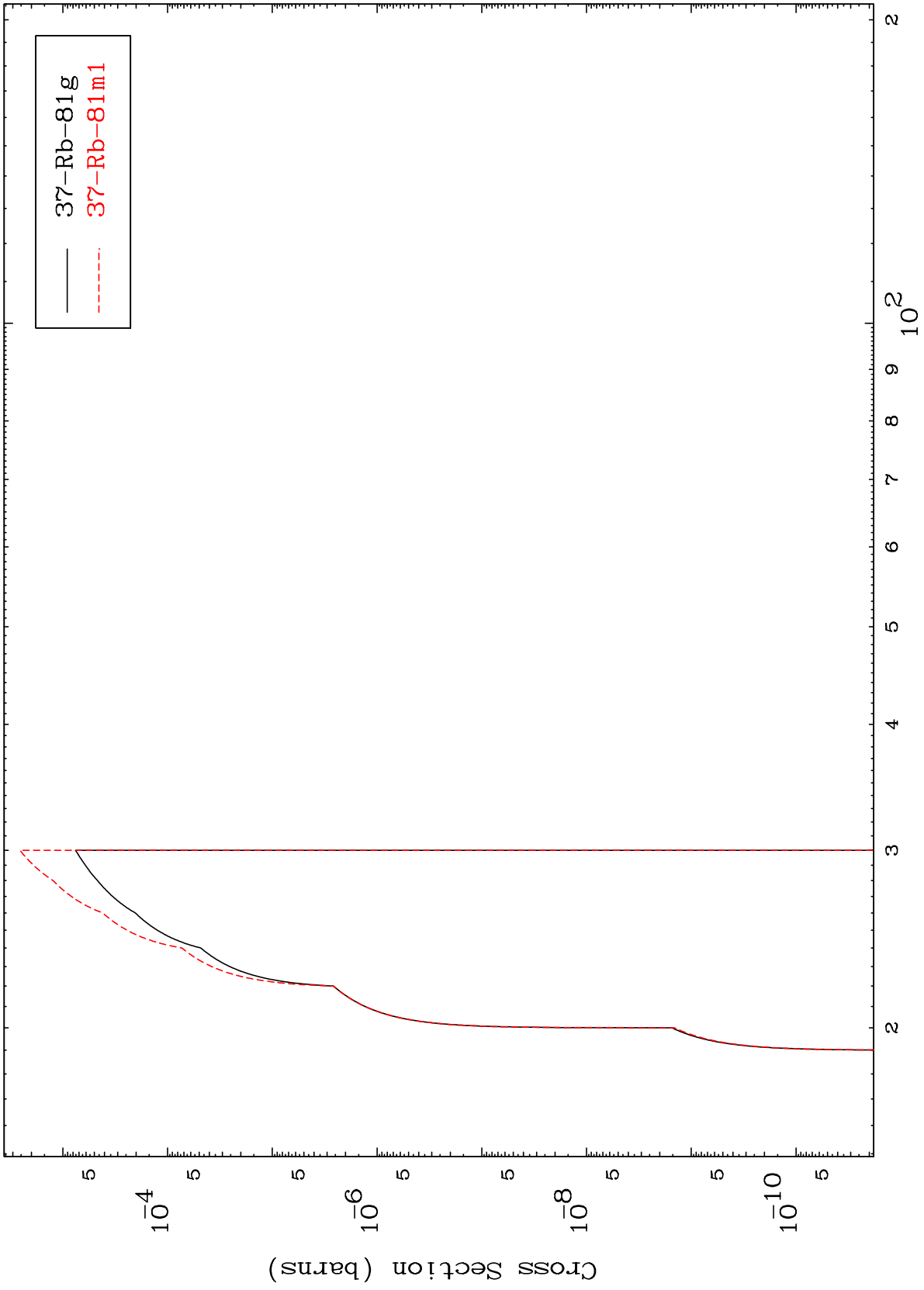
37-Rb-80

MAT 3710

(α, p) d

37-Rb-80

Radionuclide Production Cross Section



20

Incident Energy (MeV)

37-Rb-80