

Program EVALPLOT
(Version 2018-1)

by

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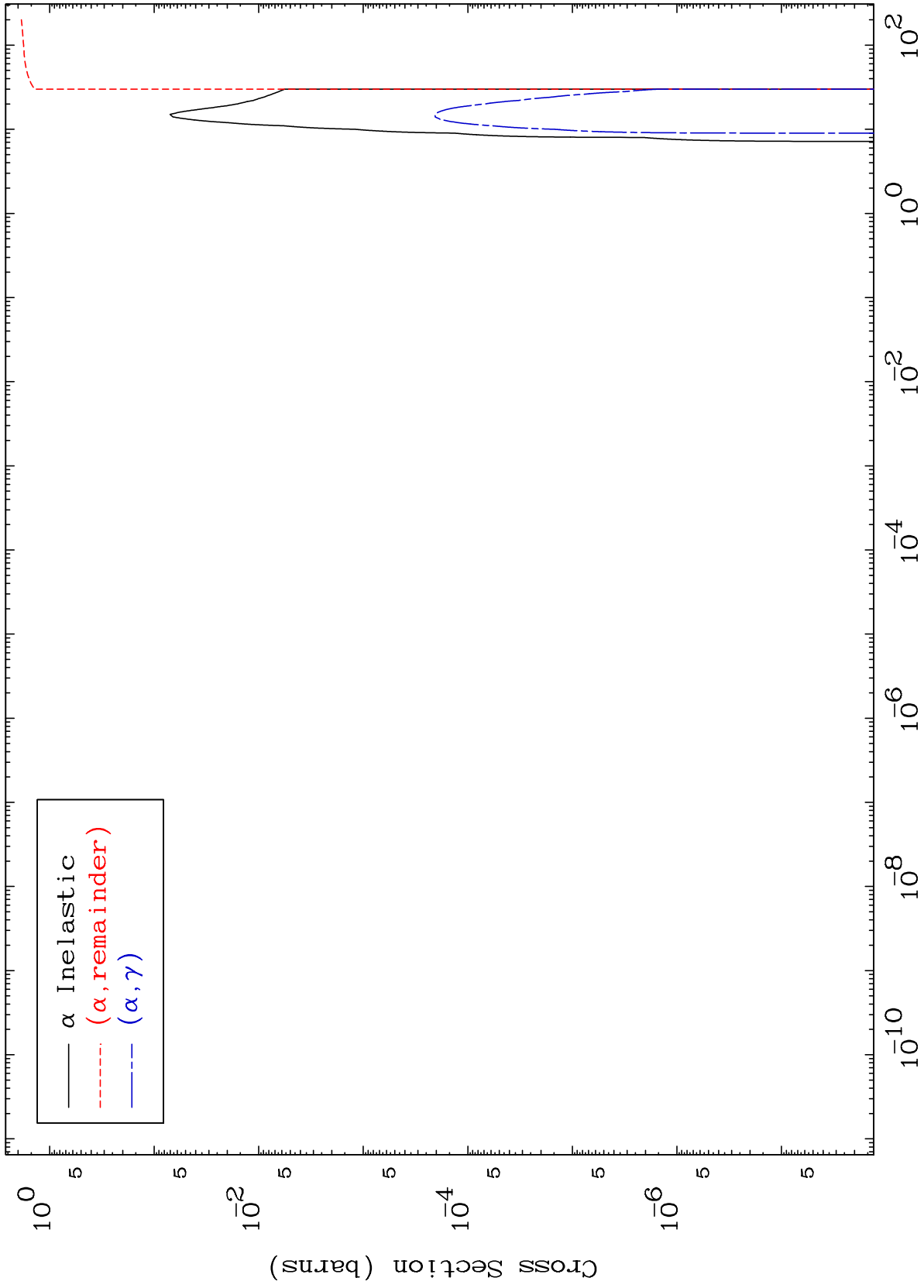
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3910

0 Kelvin α Major
Cross Sections

39-Y -84



1

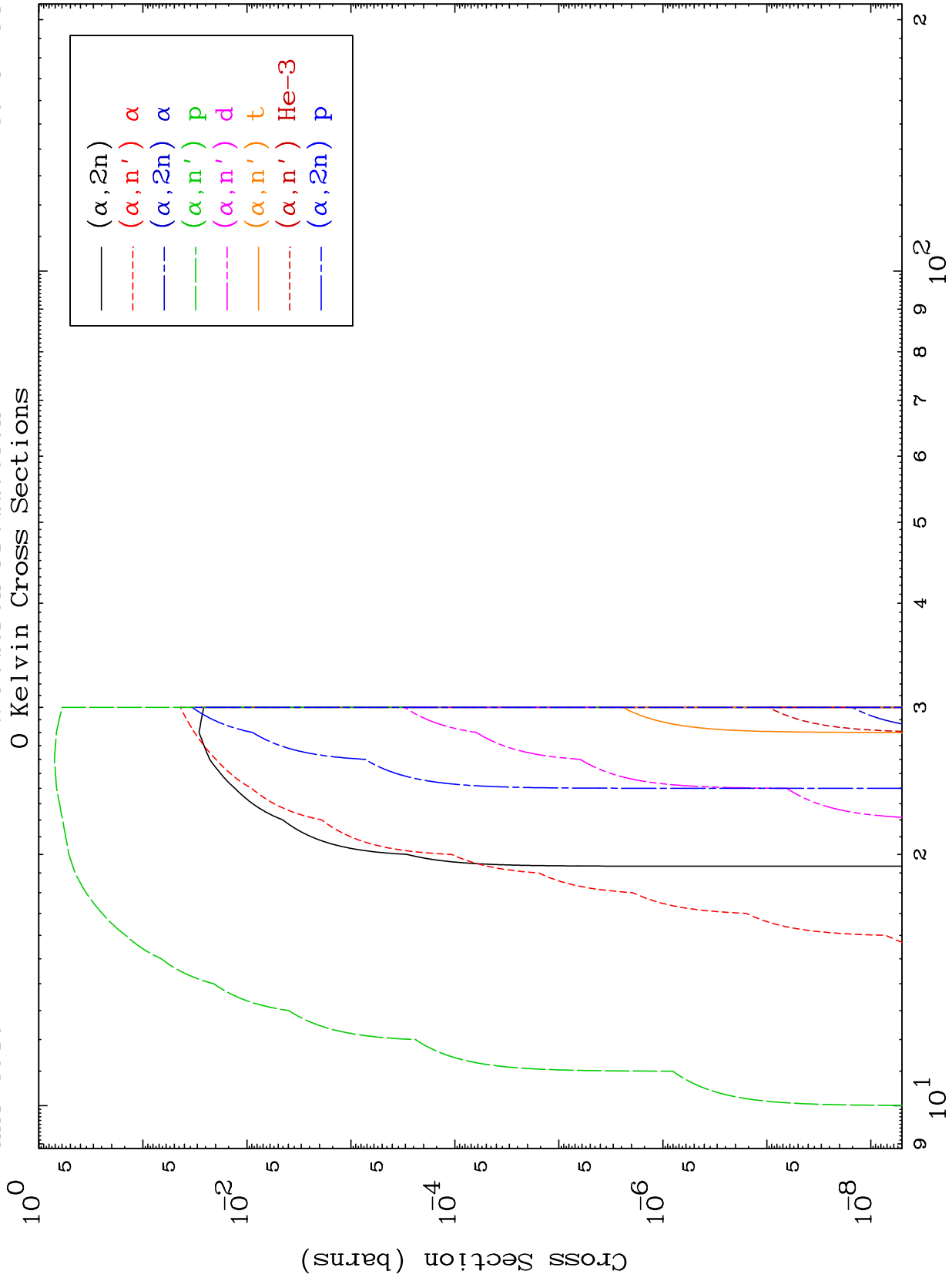
Incident Energy (MeV)

39-Y -84

MAT 3910

α Neutron Production
0 Kelvin Cross Sections

39-Y -84



2

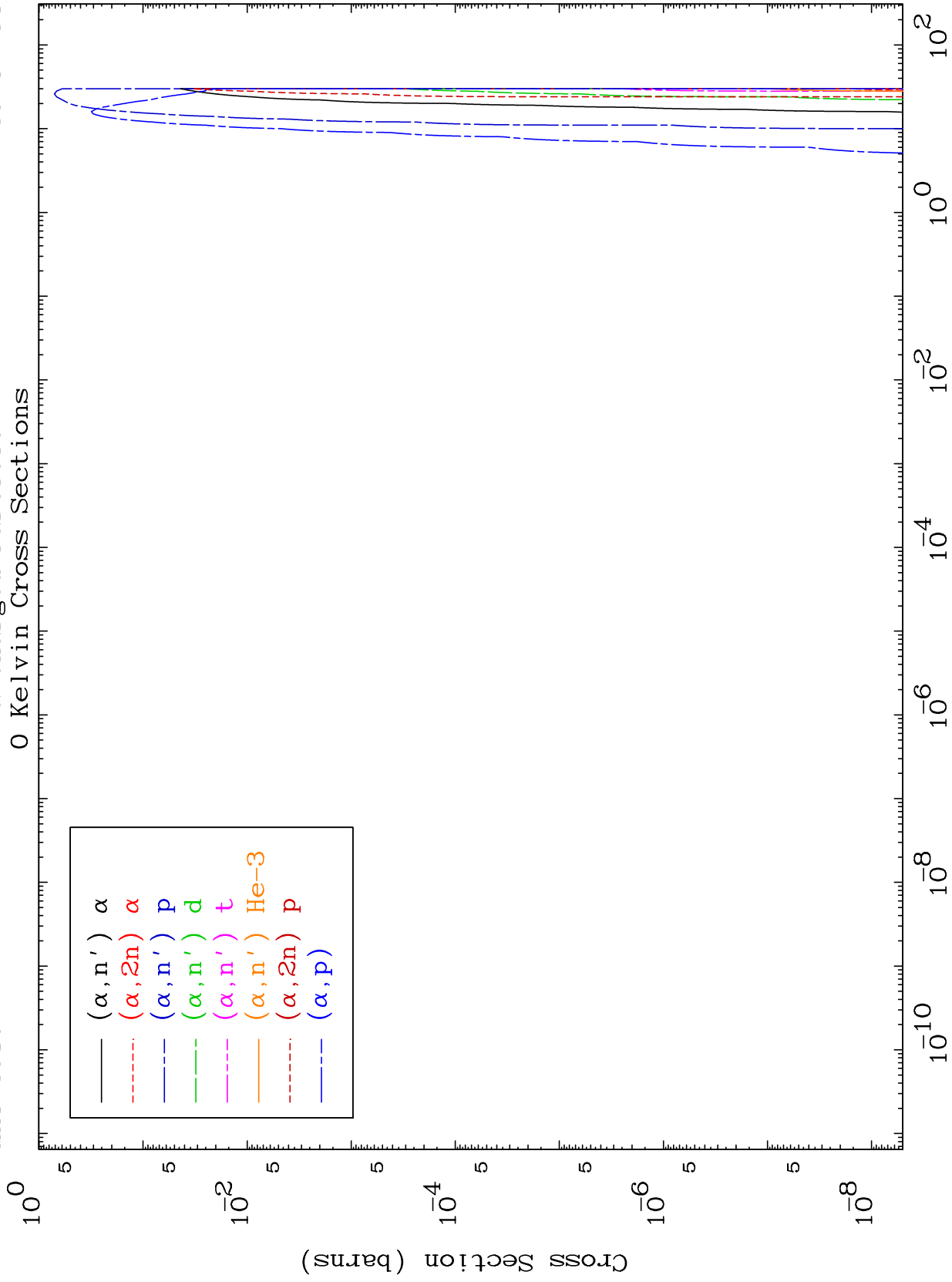
Incident Energy (MeV)

39-Y -84

MAT 3910

α Charged Particle
0 Kelvin Cross Sections

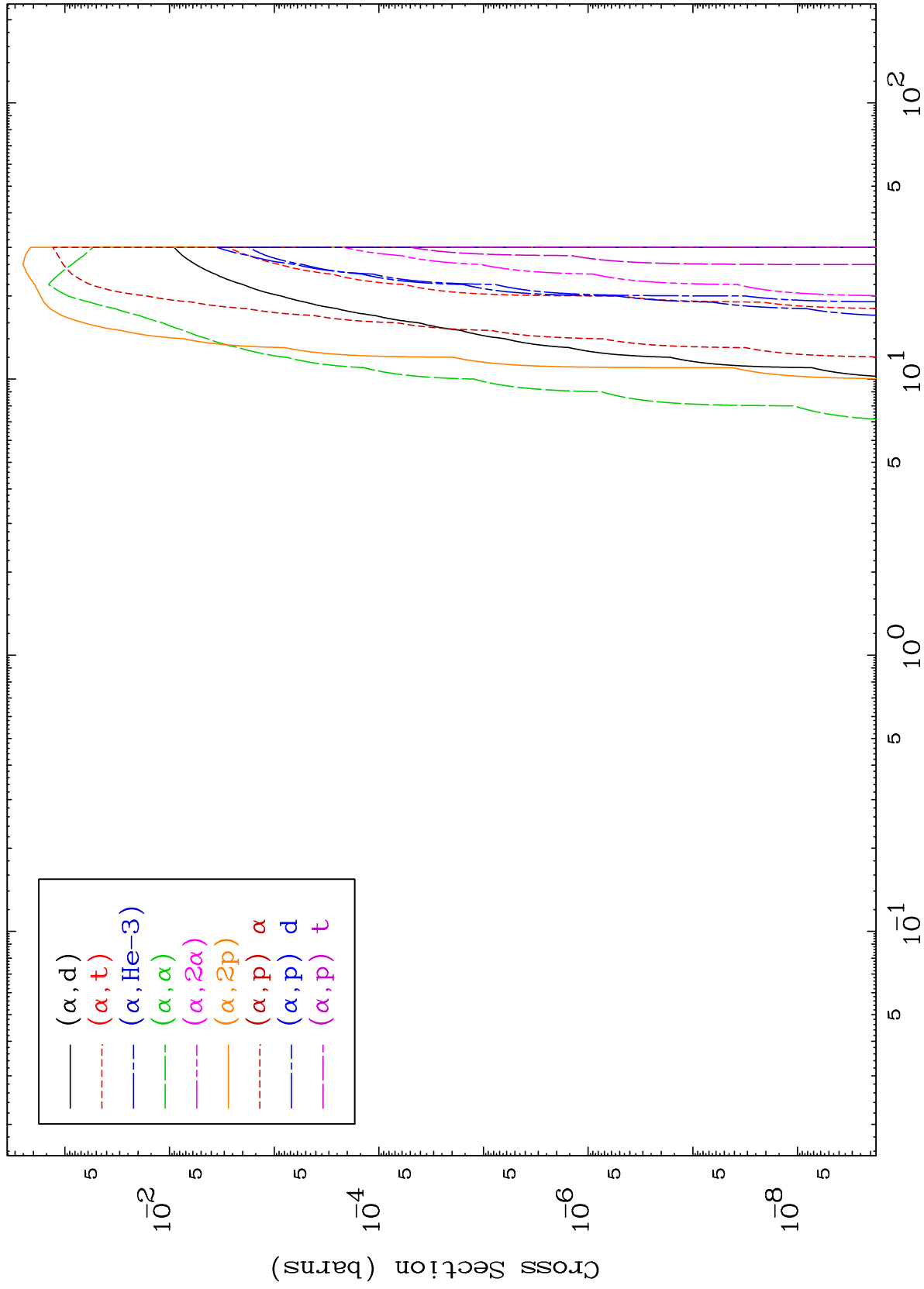
39-Y -84



3

Incident Energy (MeV)

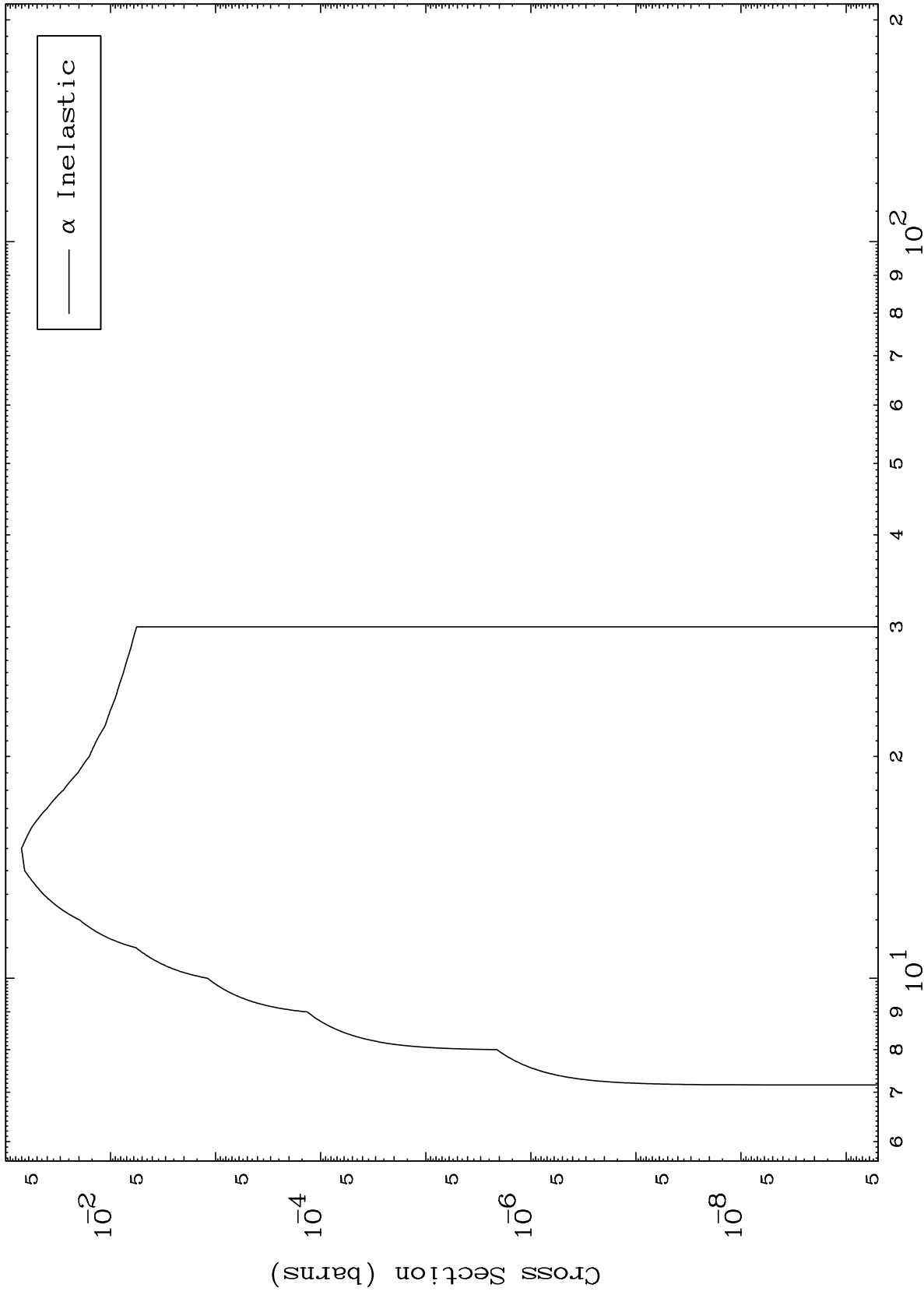
39-Y -84



MAT 3910

(α, n') Level
0 Kelvin Cross Sections

39-Y -84



5

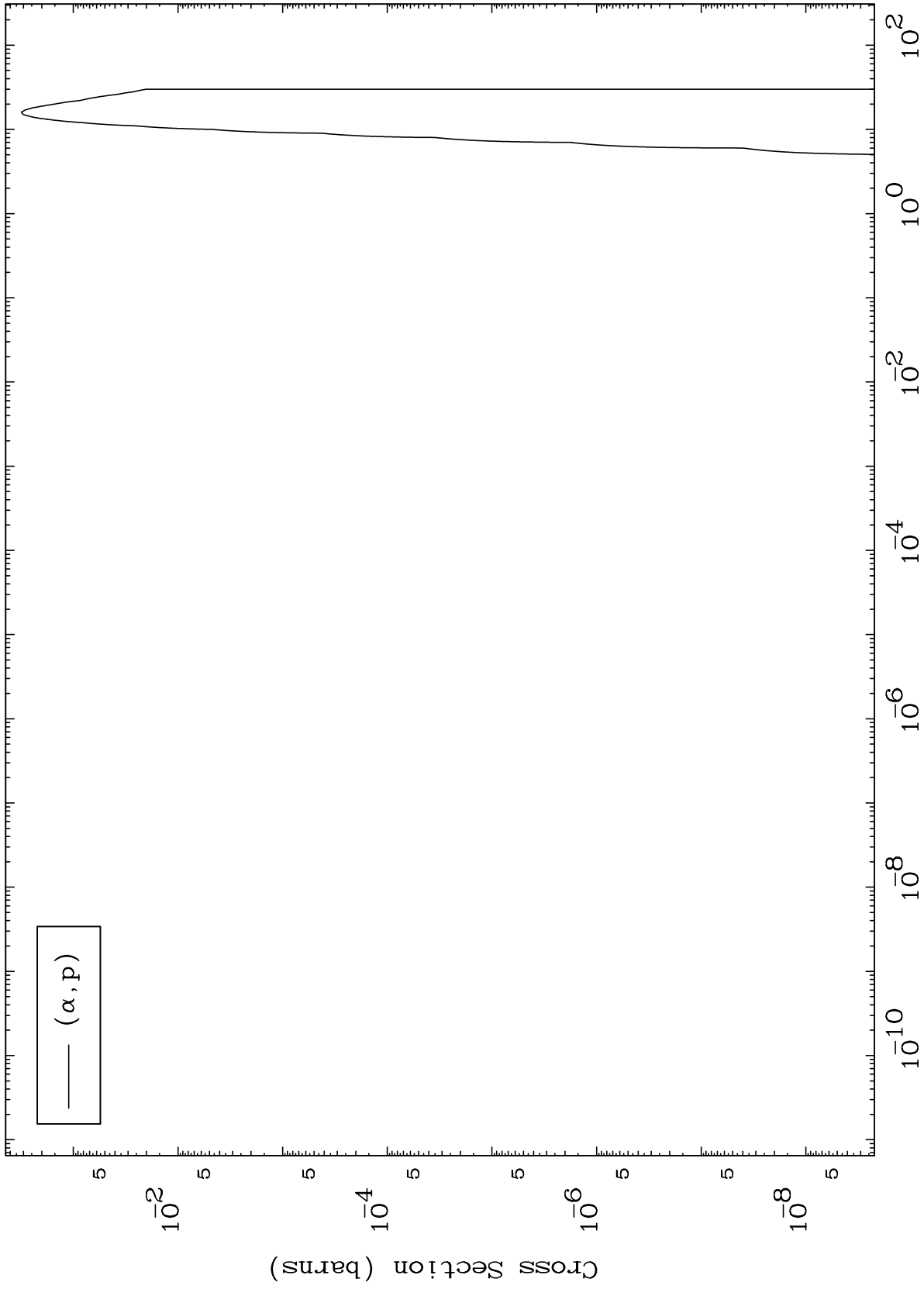
Incident Energy (MeV)

39-Y -84

MAT 3910

(α, p) Levels
0 Kelvin Cross Sections

39-Y -84



6

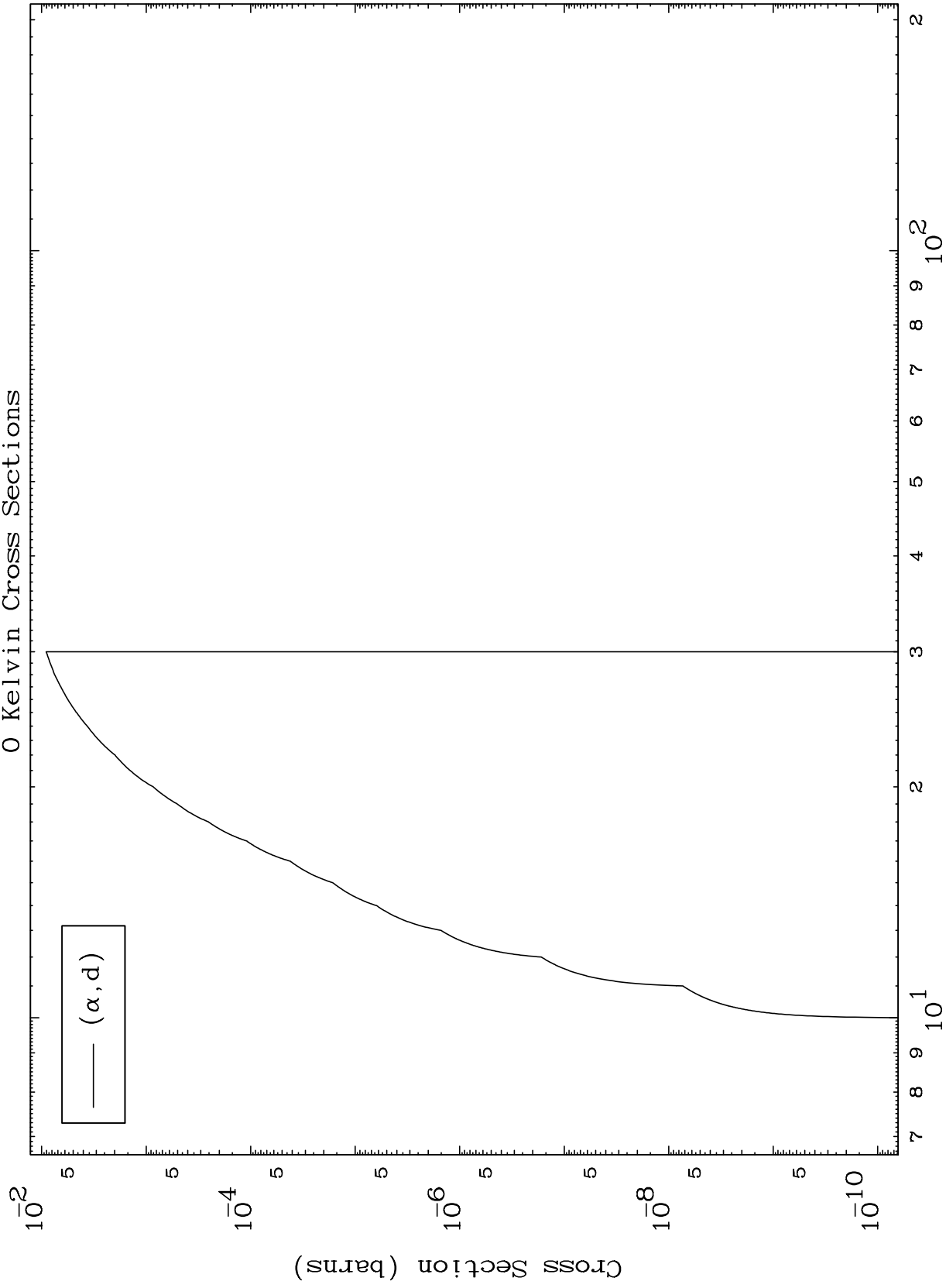
Incident Energy (MeV)

39-Y -84

MAT 3910

(α, d) Levels
0 Kelvin Cross Sections

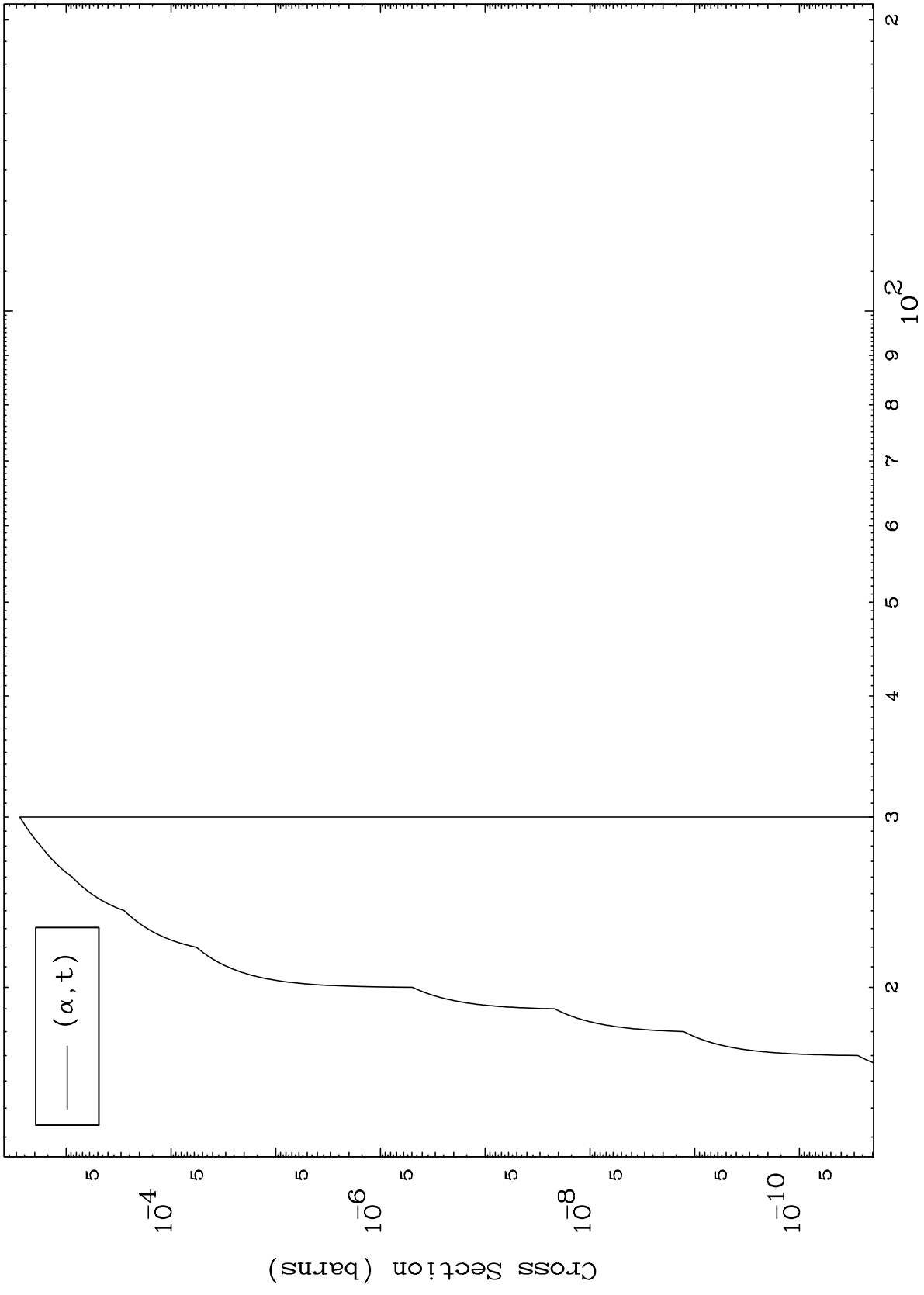
39-Y -84



7

Incident Energy (MeV)

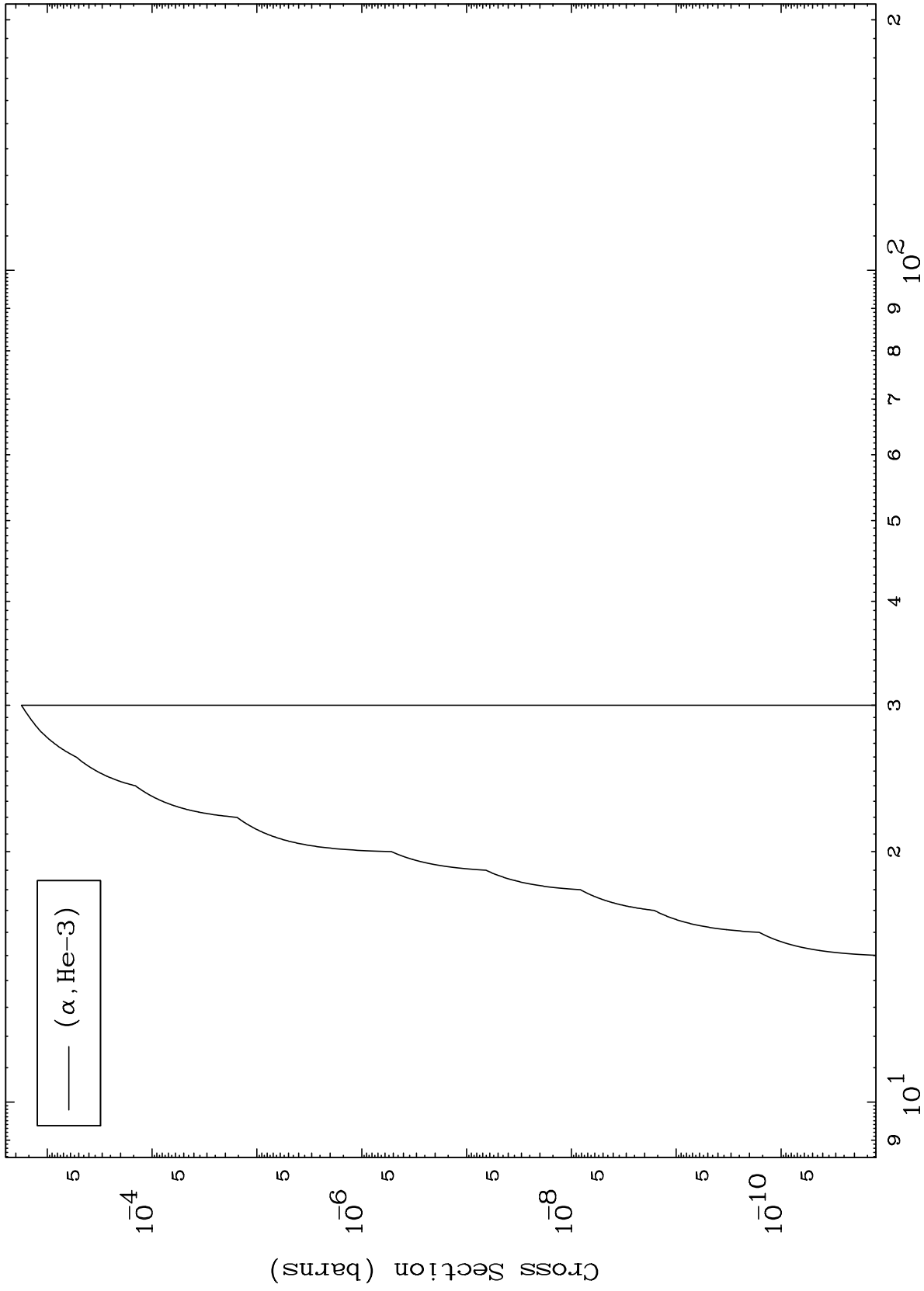
39-Y -84



MAT 3910

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

39-Y -84



9

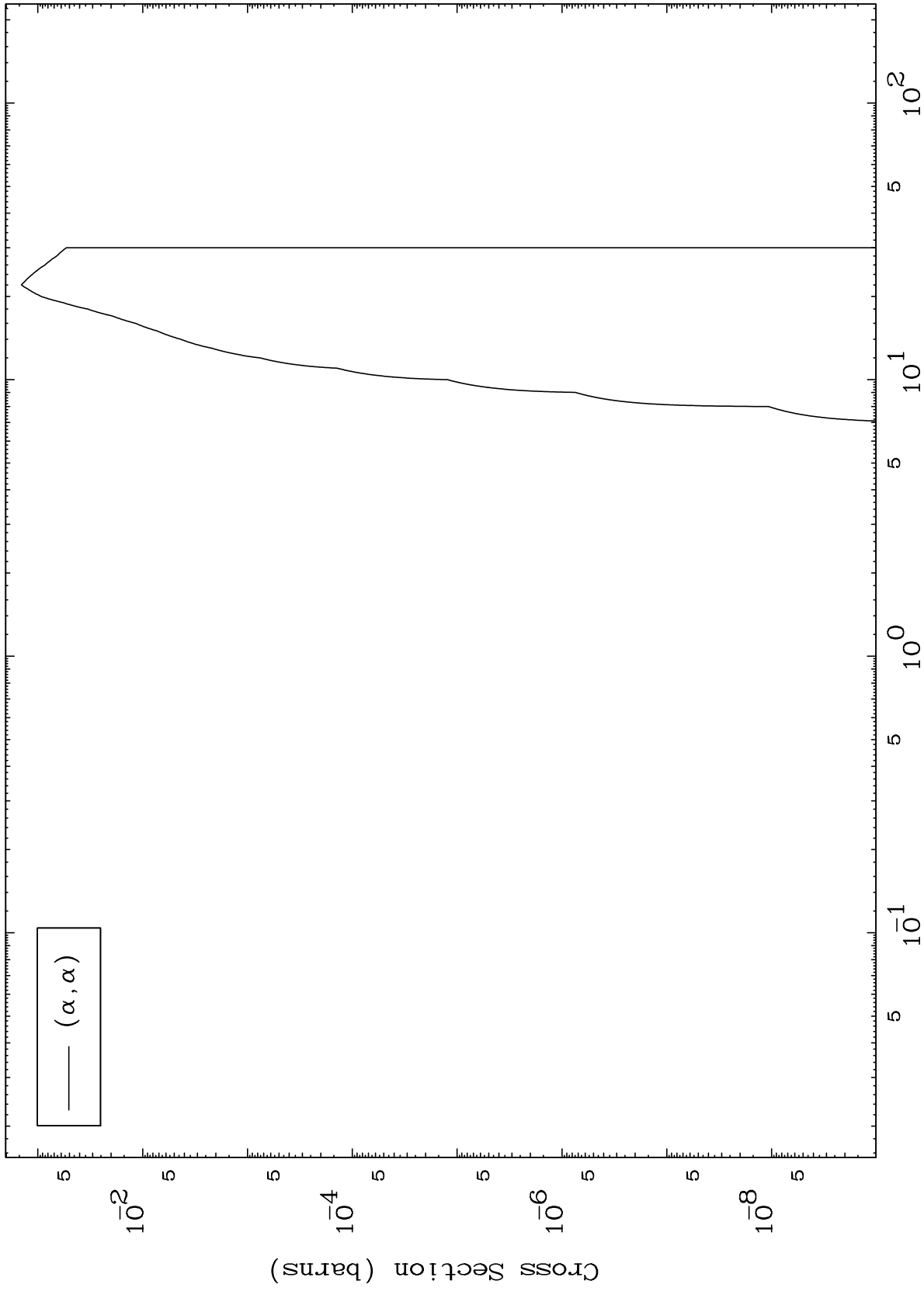
Incident Energy (MeV)

39-Y -84

MAT 3910

(α, α) Levels
0 Kelvin Cross Sections

39-Y -84



10

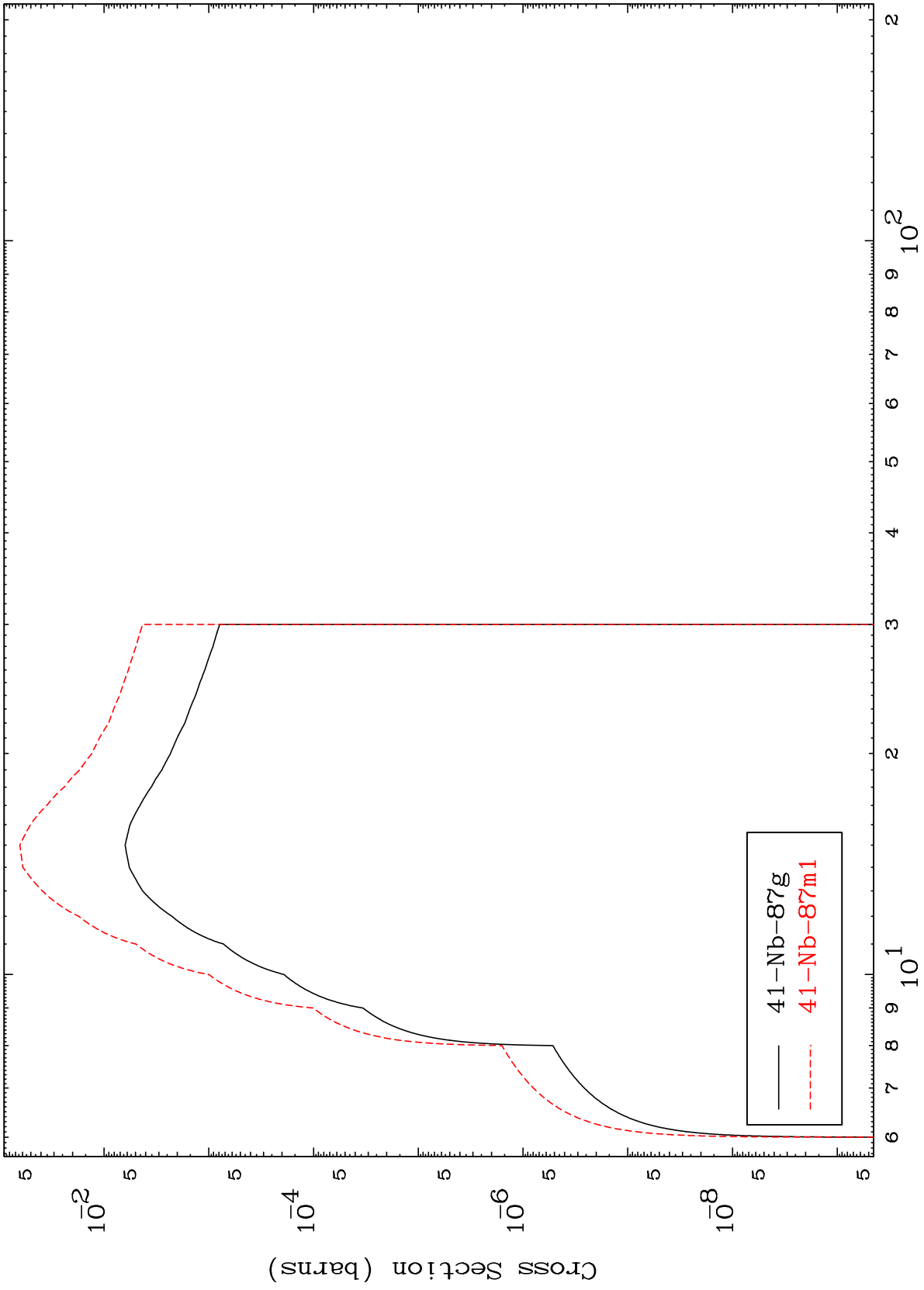
Incident Energy (MeV)

39-Y -84

MAT 3910

39-Y -84

α Inelastic Radionuclide Production Cross Section



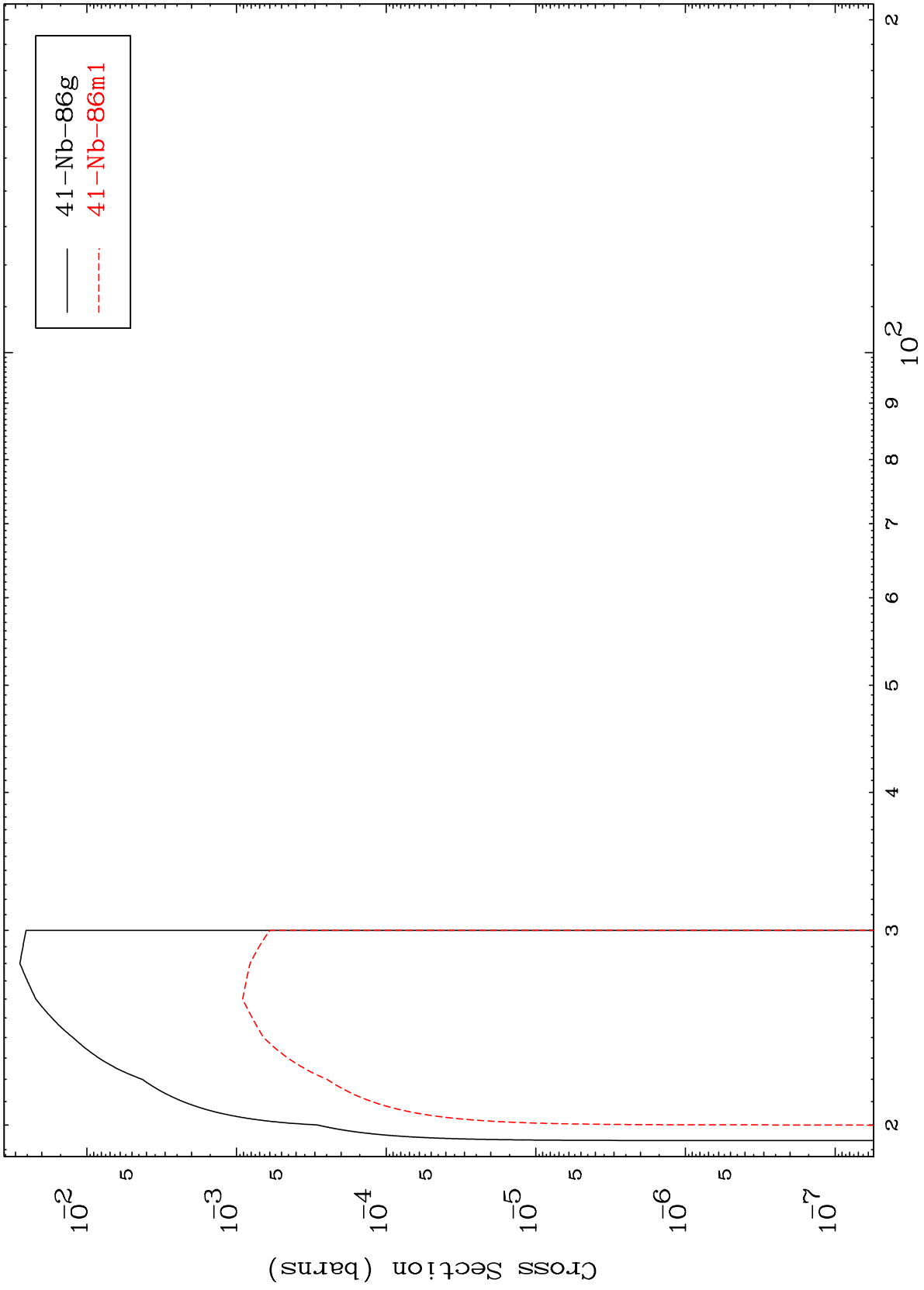
11

39-Y -84

MAT 3910

39-Y -84

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



12

Incident Energy (MeV)

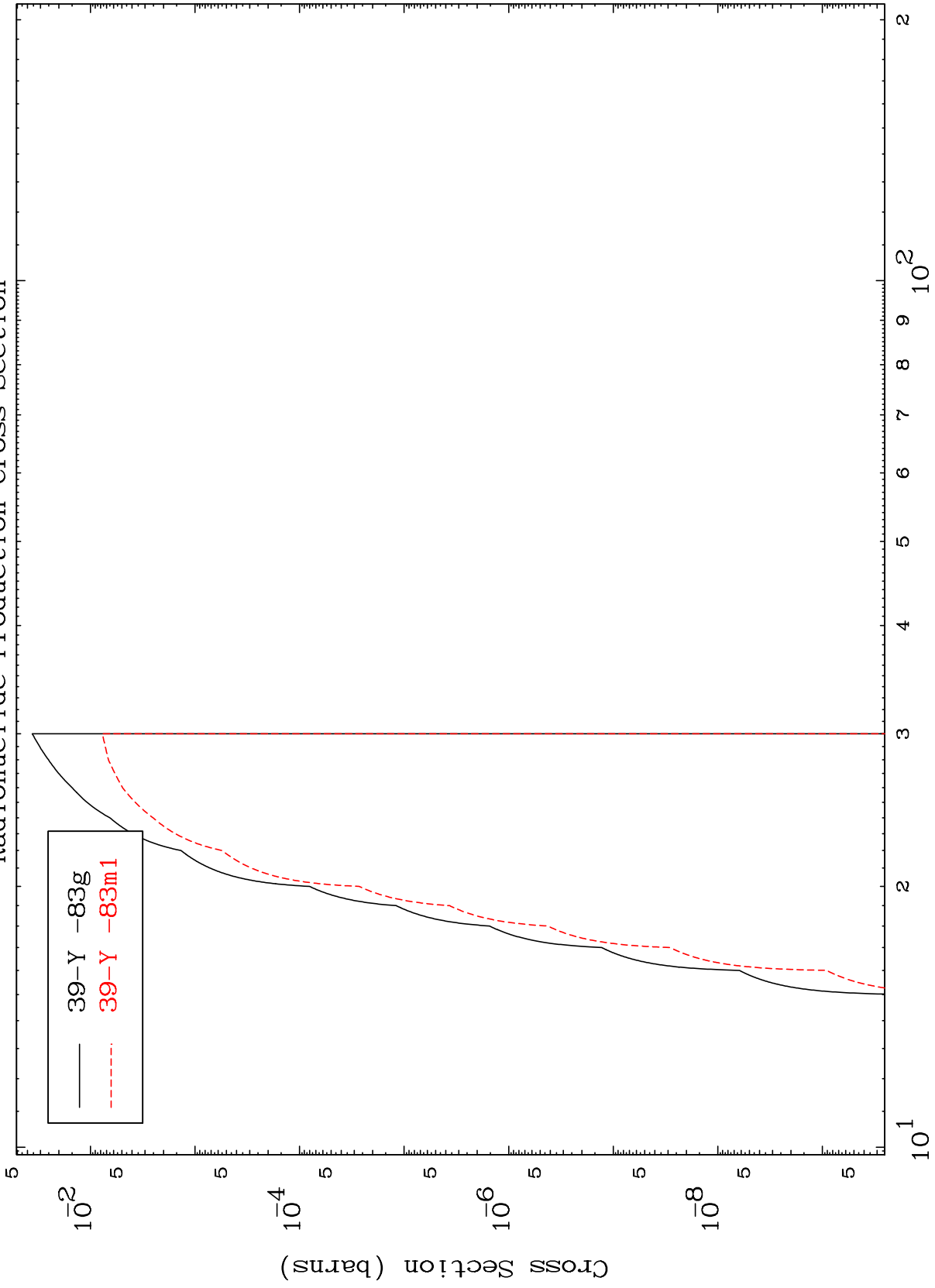
39-Y -84

MAT 3910

(α, n') α

39-Y -84

Radionuclide Production Cross Section



39-Y -83g
39-Y -83m1

13

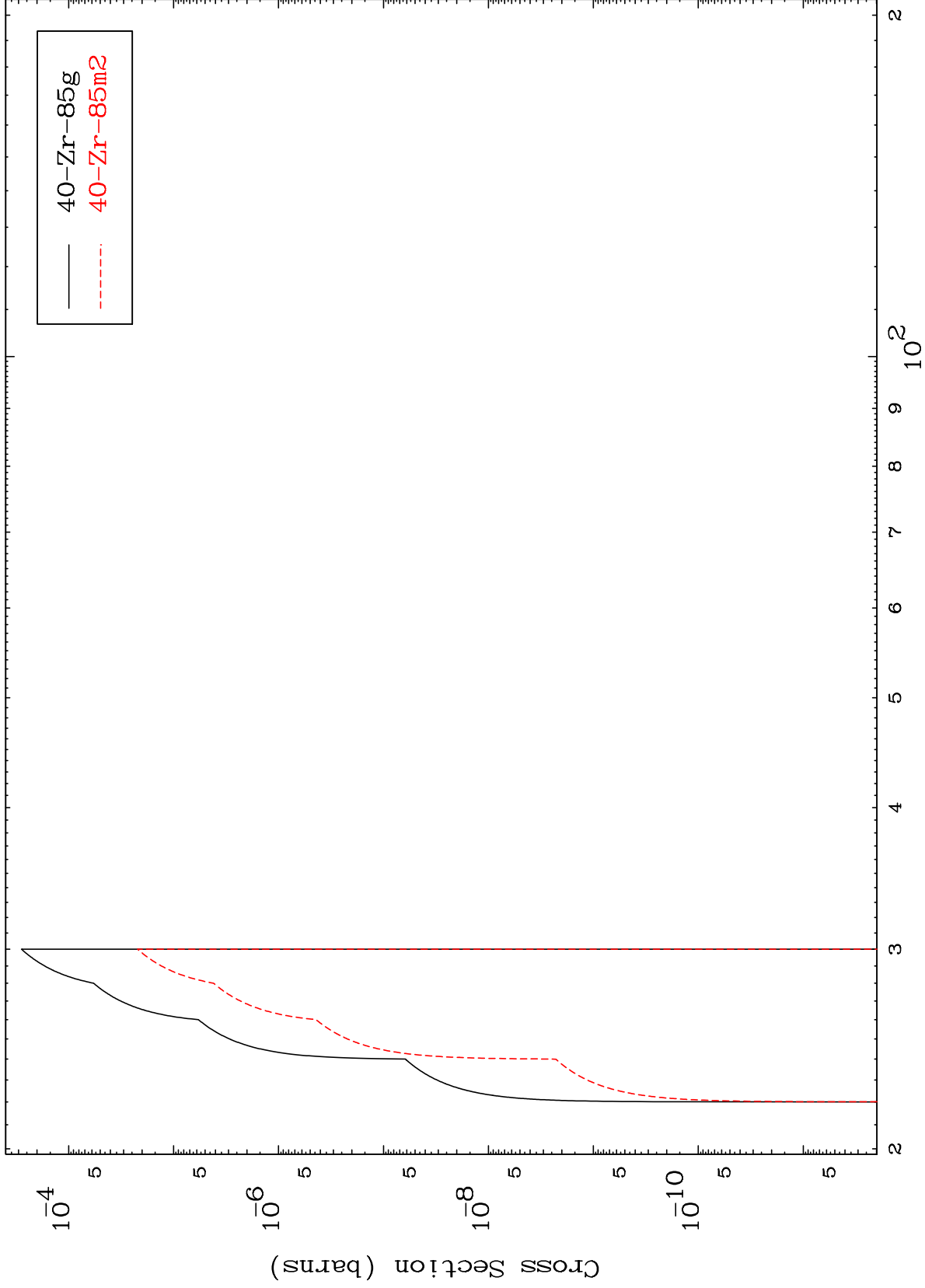
39-Y -84

MAT 3910

(α, n') d

39-Y -84

Radionuclide Production Cross Section



14

Incident Energy (MeV)

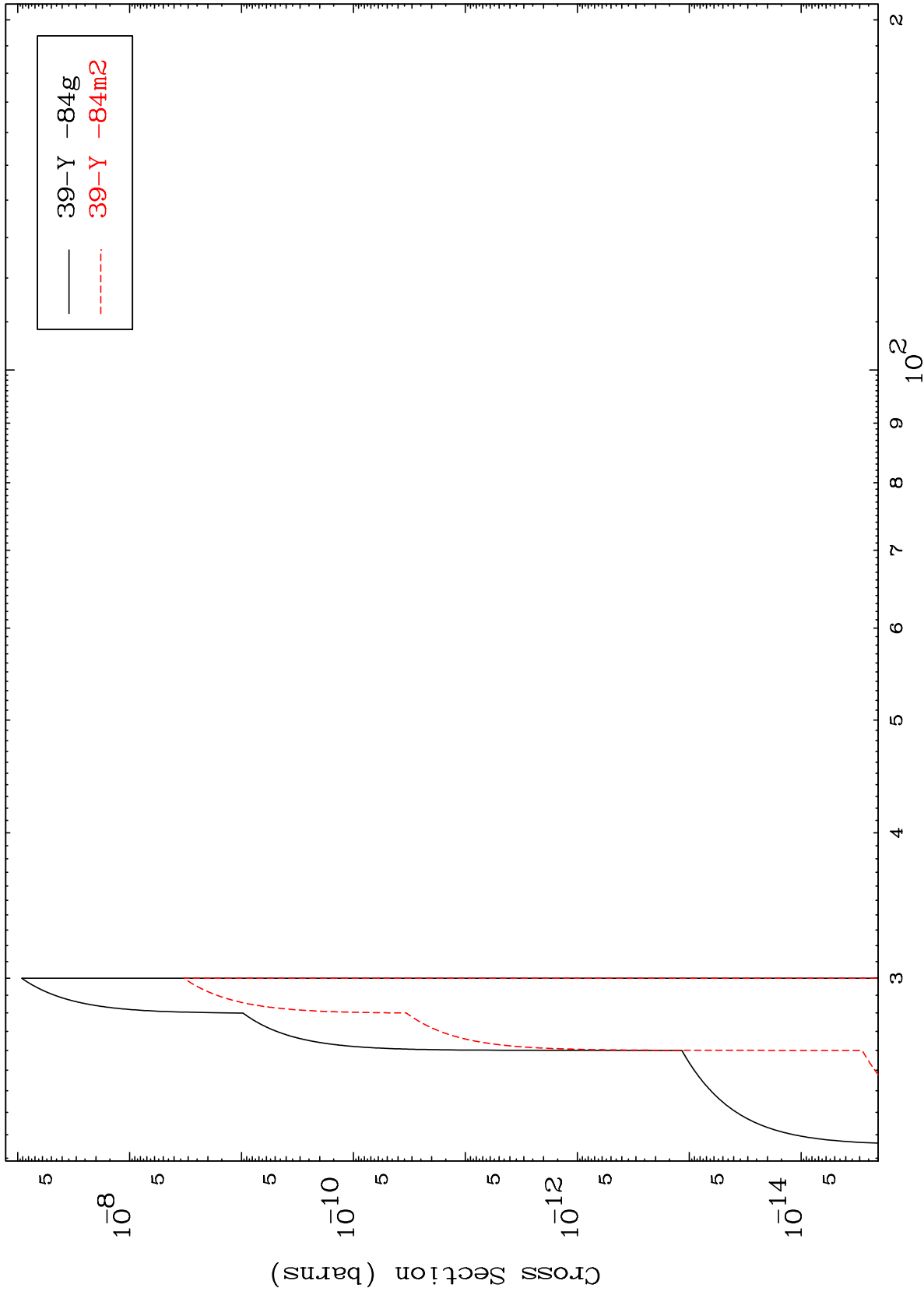
39-Y -84

MAT 3910

(α, n') He-3

39-Y -84

Radionuclide Production Cross Section



15

Incident Energy (MeV)

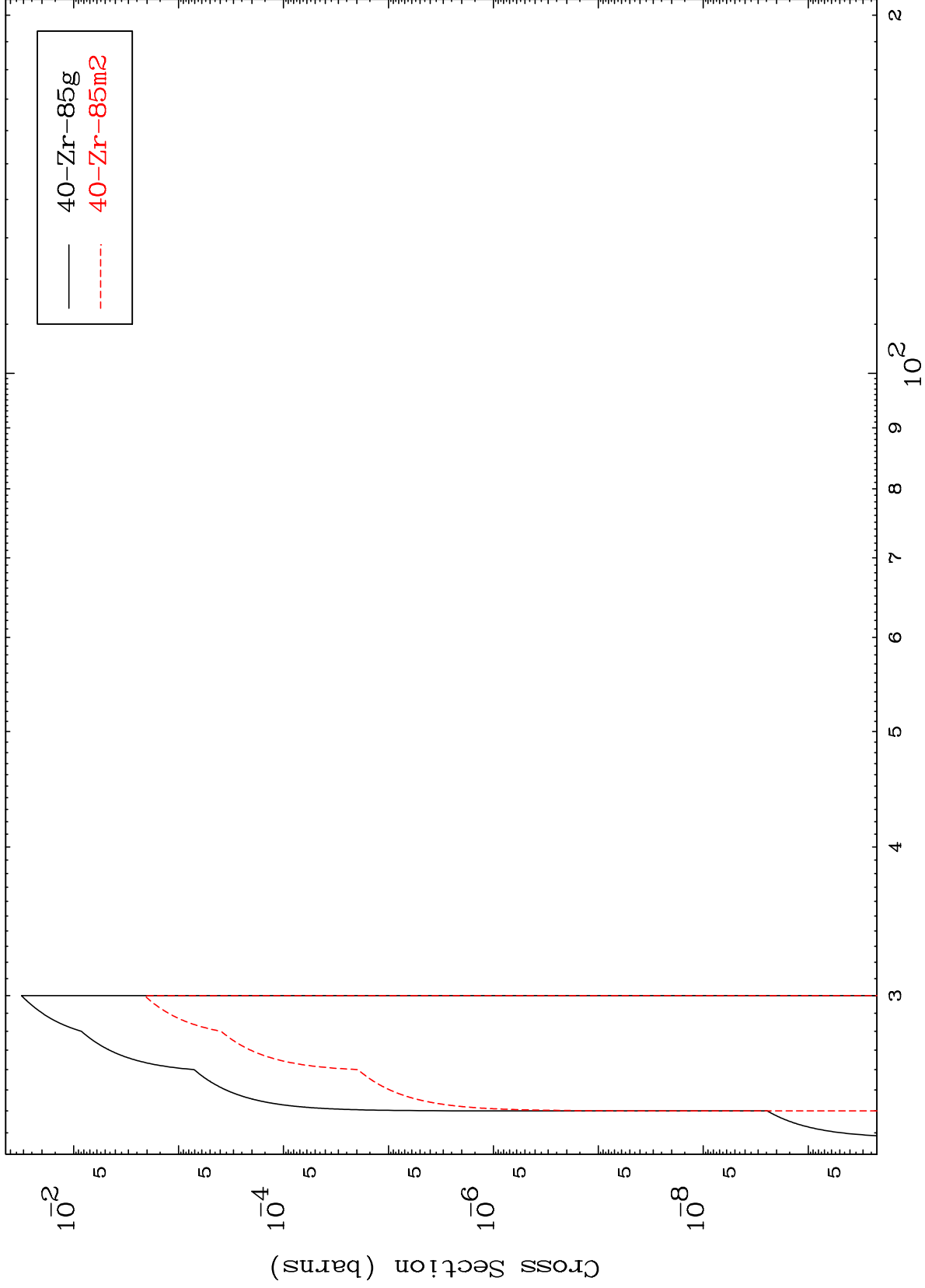
39-Y -84

MAT 3910

($\alpha, 2n$) p

39-Y -84

Radionuclide Production Cross Section



16

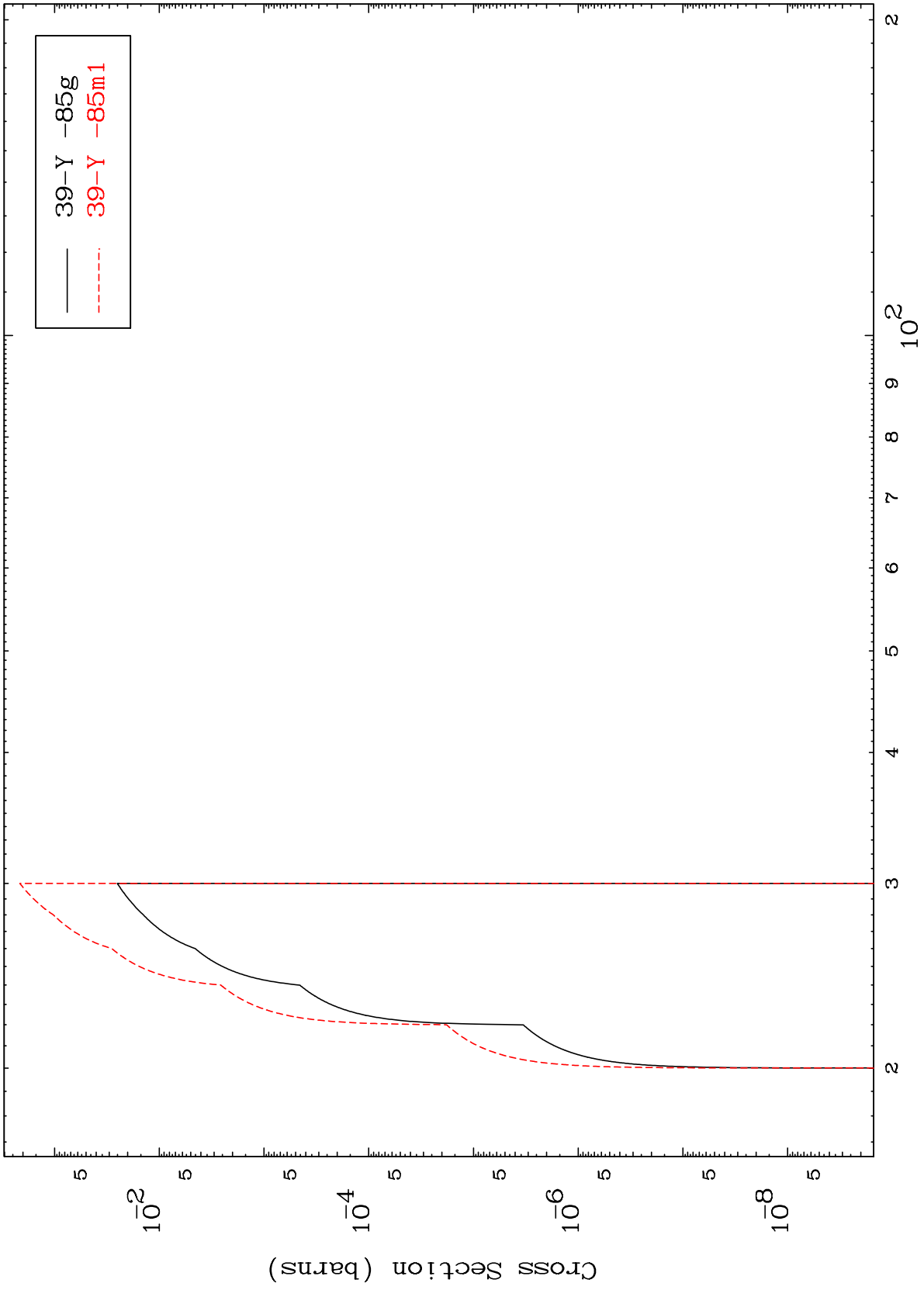
Incident Energy (MeV)

39-Y -84

MAT 3910

39-Y -84

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



17

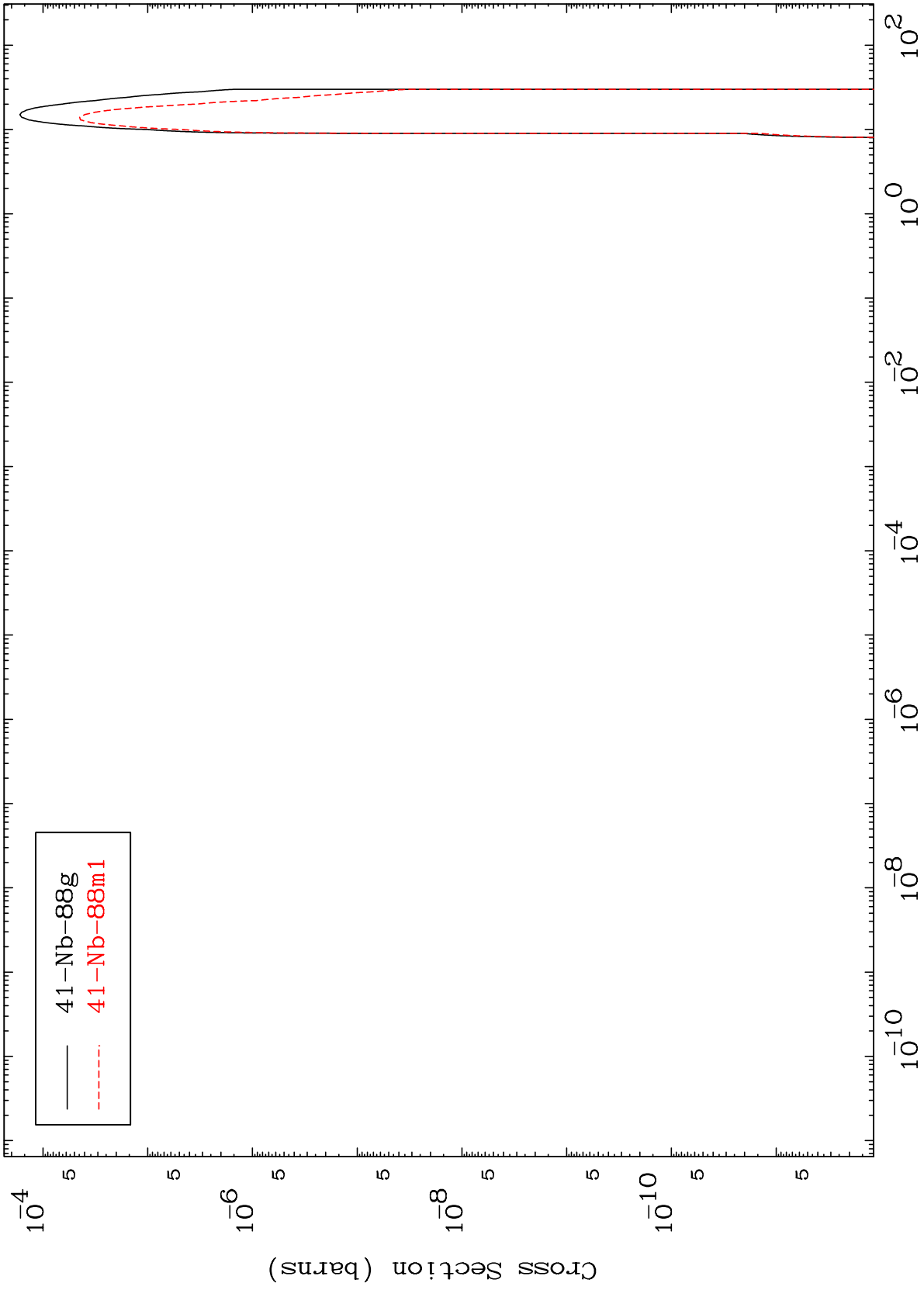
39-Y -84

Incident Energy (MeV)

MAT 3910

Radionuclide Production Cross Section
(α, γ)

39-Y -84



18

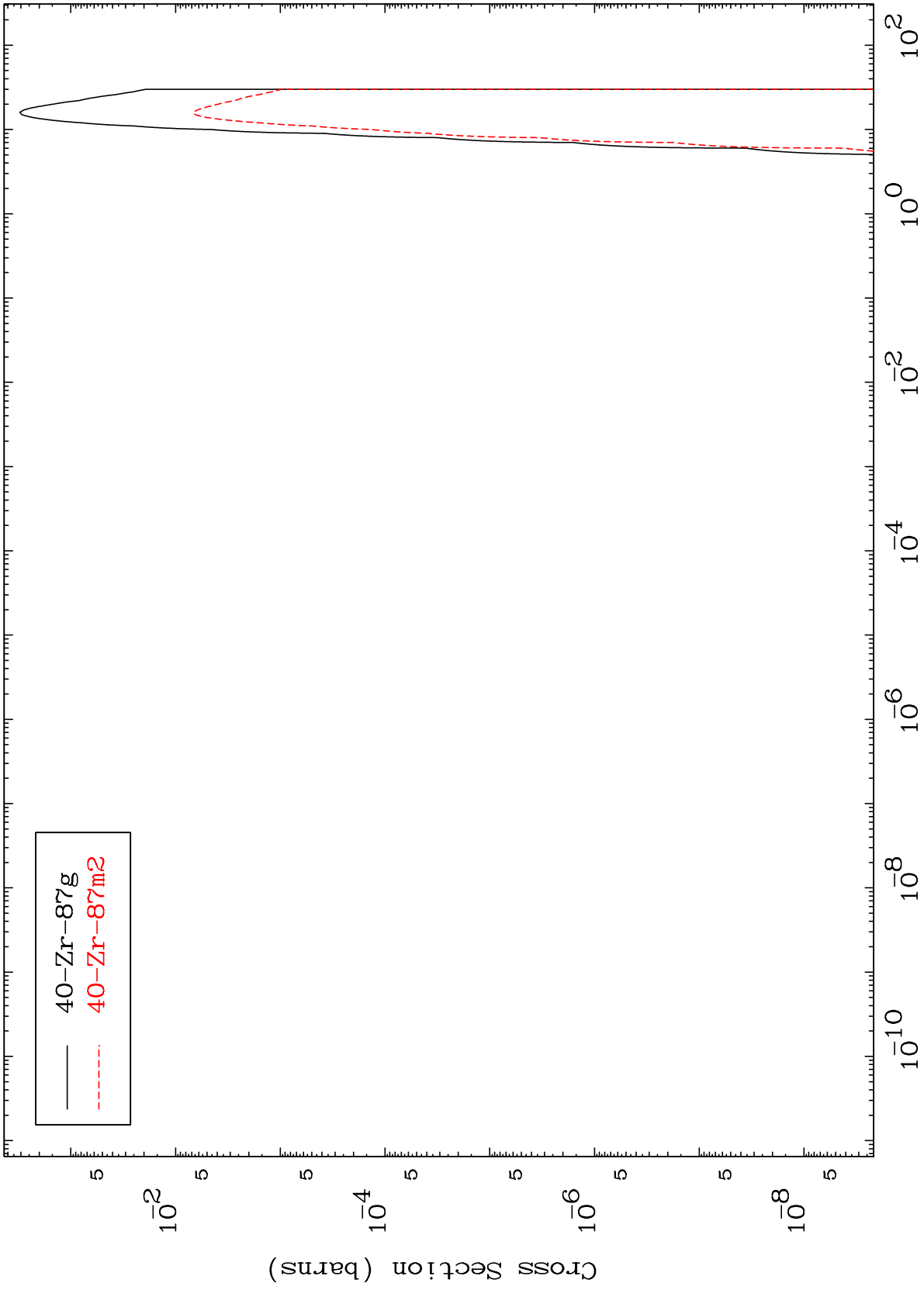
Incident Energy (MeV)

39-Y -84

MAT 3910

Radionuclide Production Cross Section
(α, p)

39-Y -84



19

Incident Energy (MeV)

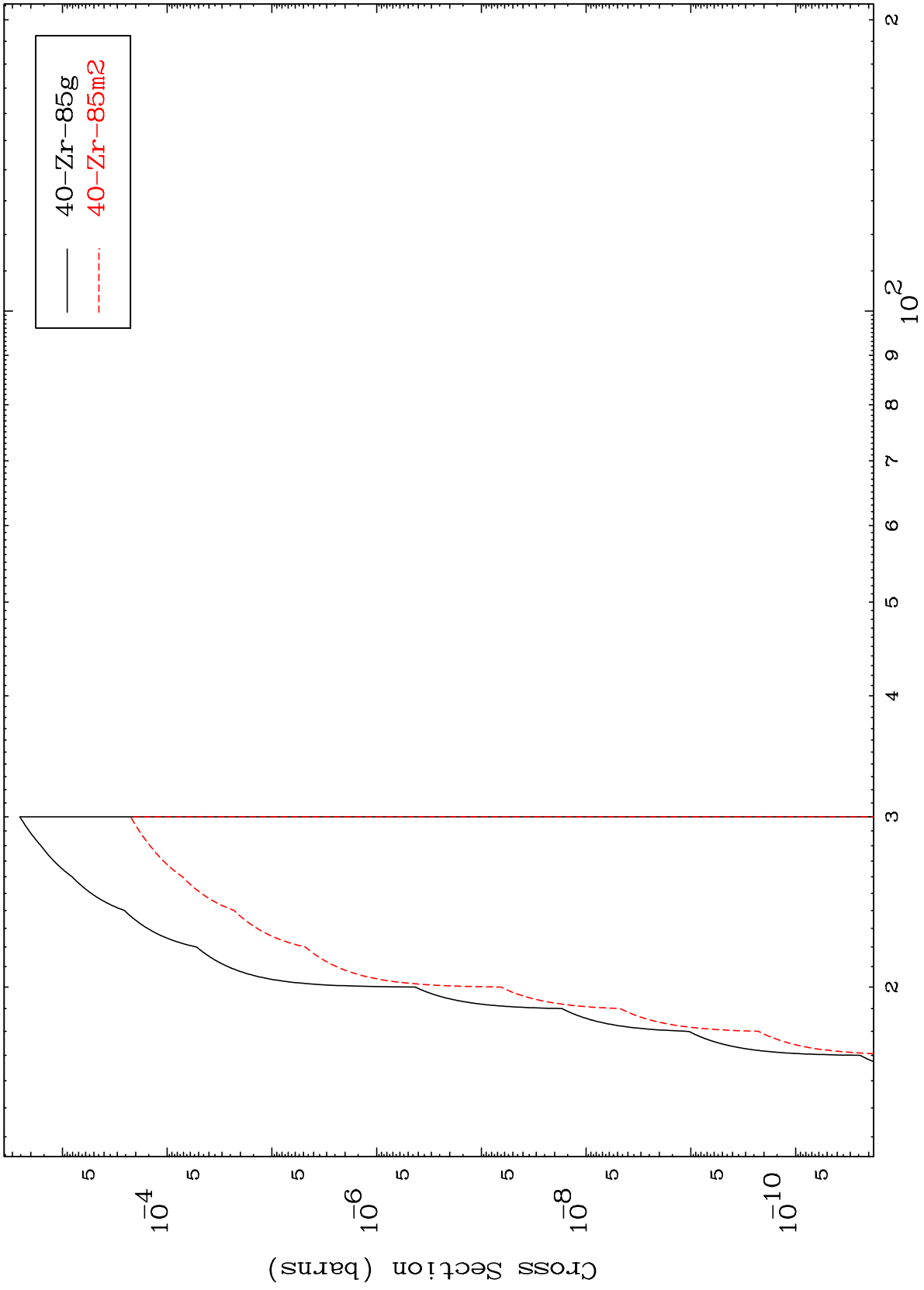
39-Y -84

MAT 3910

(α, t)

39-Y -84

Radionuclide Production Cross Section



20

Incident Energy (MeV)

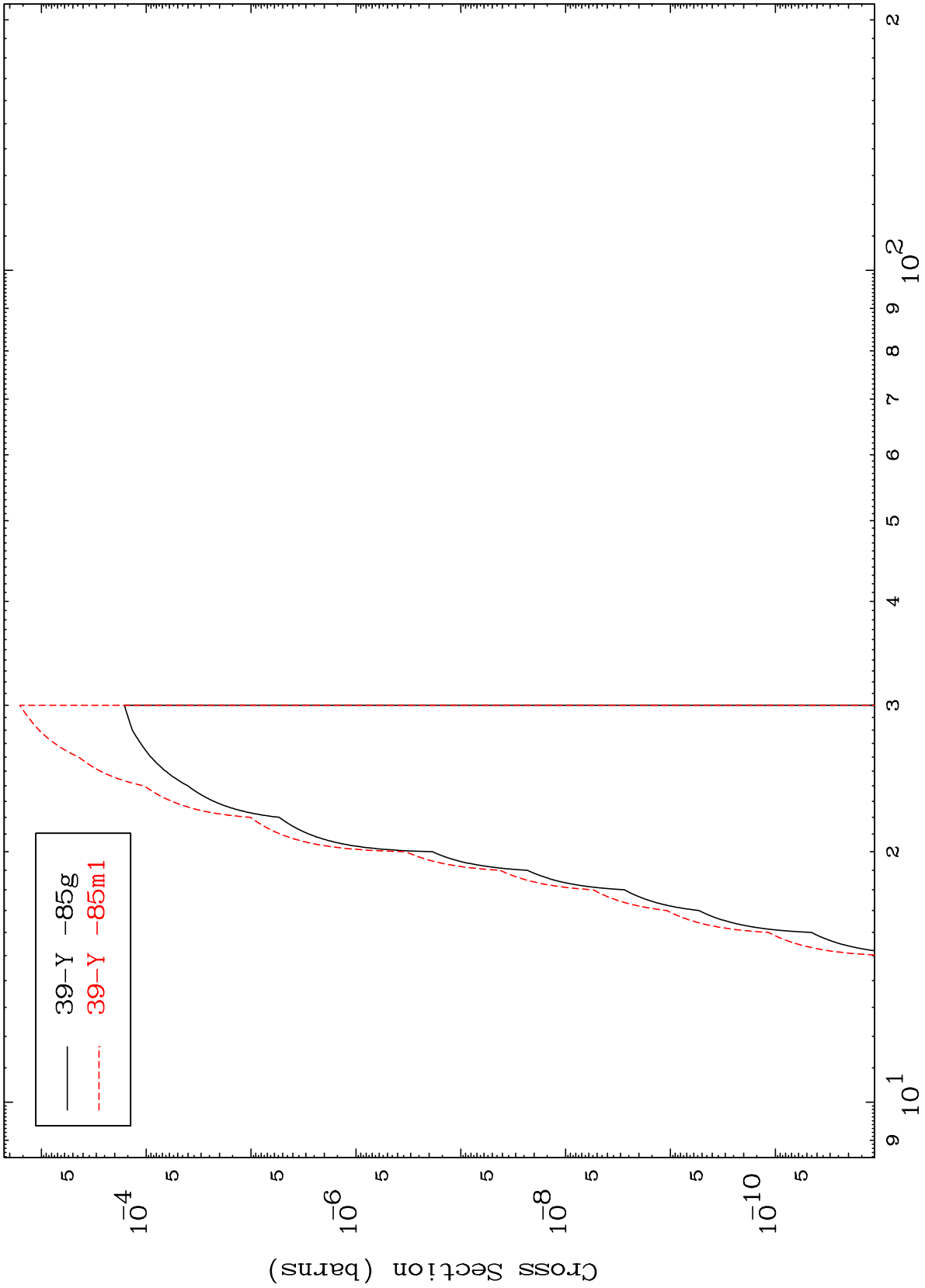
39-Y -84

MAT 3910

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

39-Y -84

Radionuclide Production Cross Section



39-Y -85g
39-Y -85m1

21

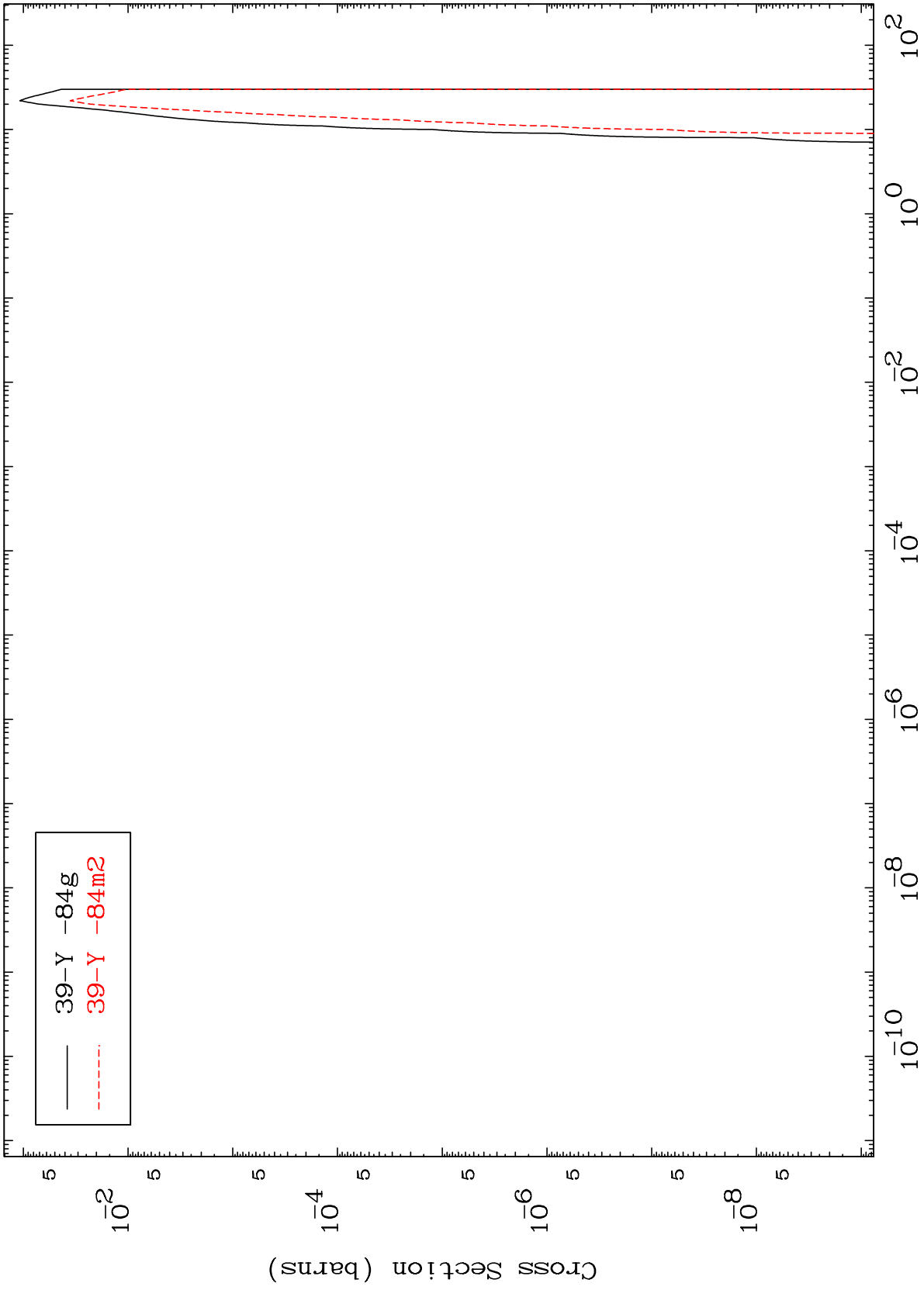
Incident Energy (MeV)

39-Y -84

MAT 3910

Radionuclide Production Cross Section
(α, α)

39-Y -84



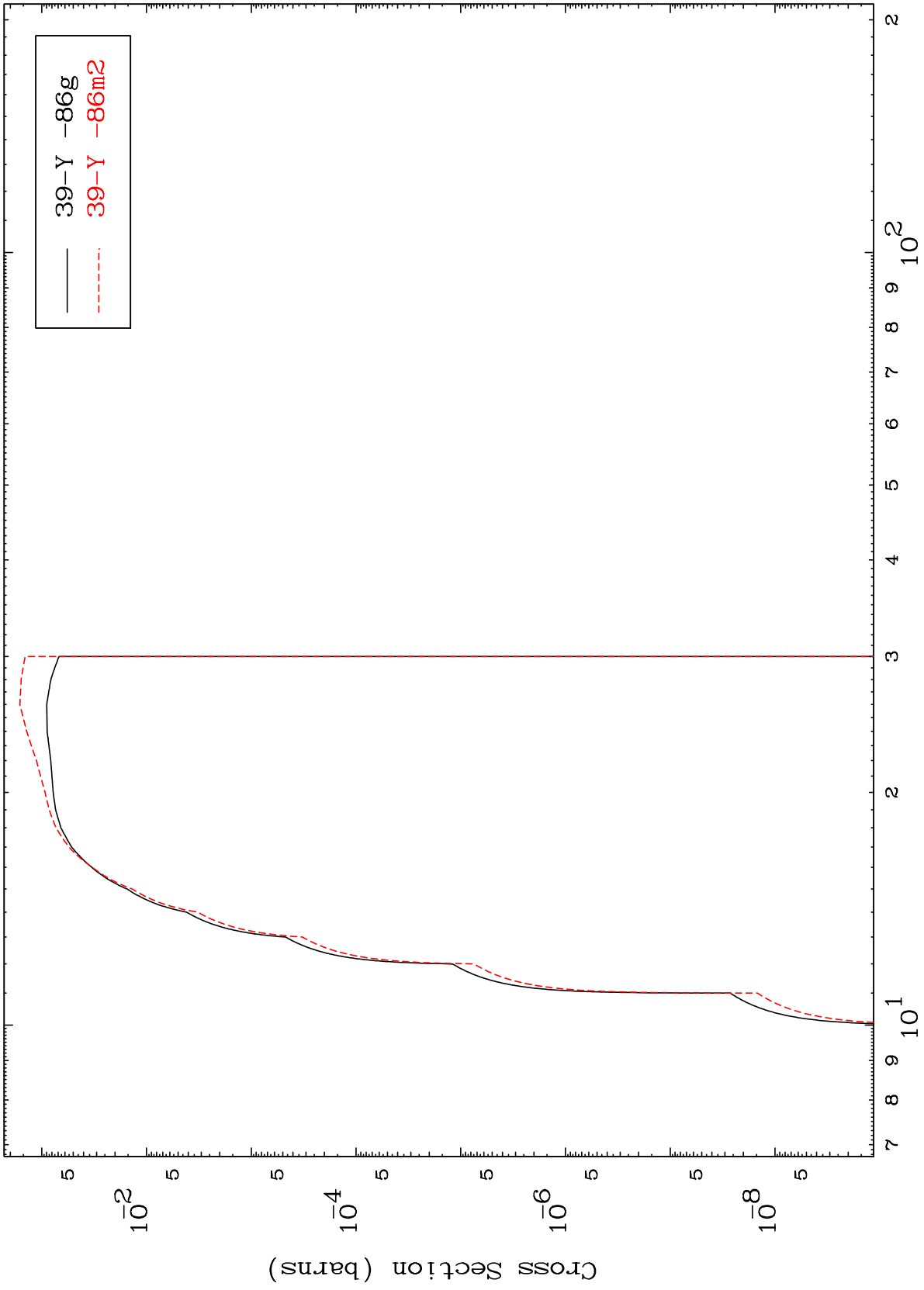
22

39-Y -84

MAT 3910

39-Y -84

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



23

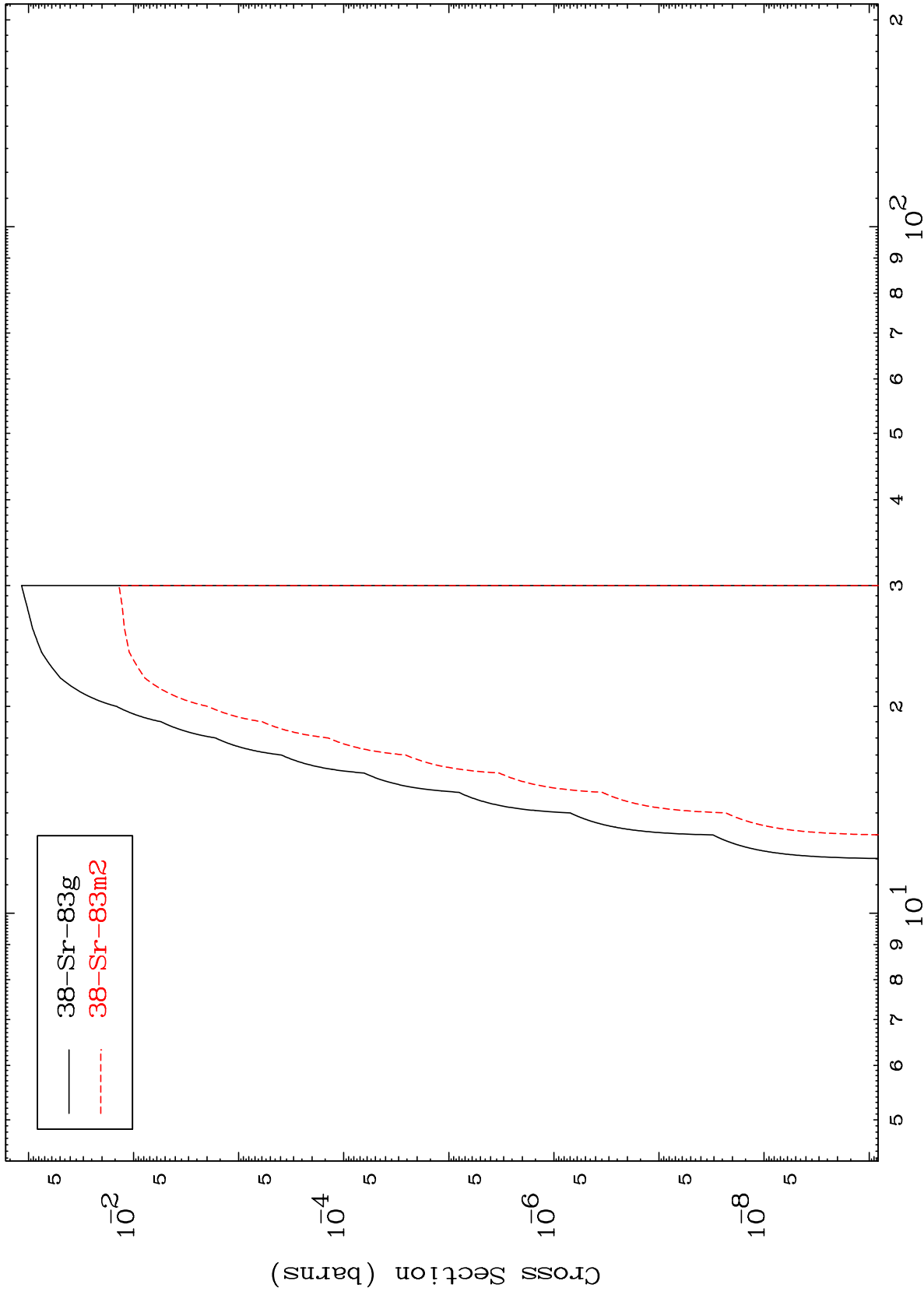
39-Y -84

MAT 3910

(α, p) α

39-Y -84

Radionuclide Production Cross Section



24

Incident Energy (MeV)

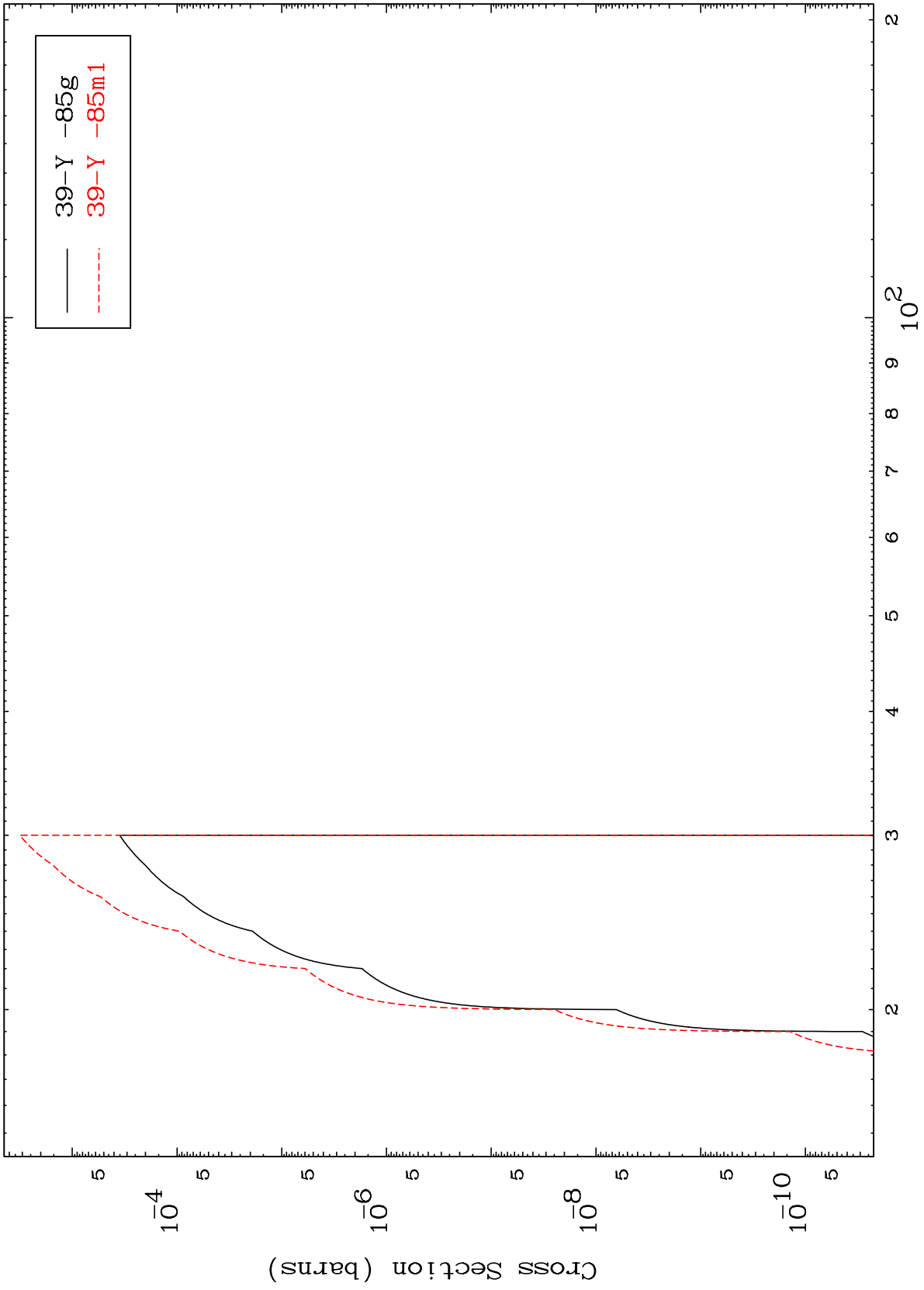
39-Y -84

MAT 3910

(α, p) d

39-Y -84

Radionuclide Production Cross Section



25

Incident Energy (MeV)

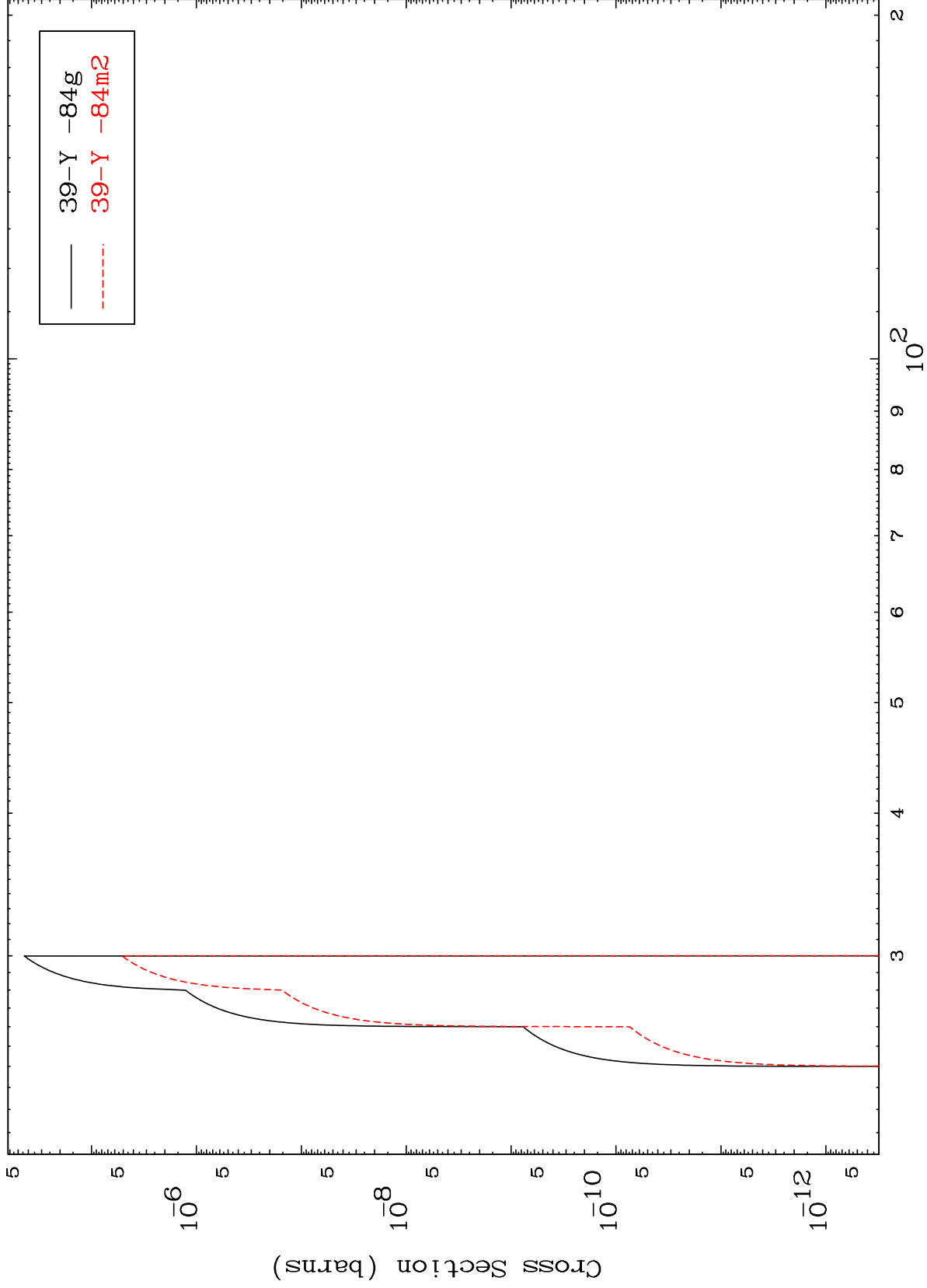
39-Y -84

MAT 3910

(α, p) t

39-Y -84

Radionuclide Production Cross Section



26

Incident Energy (MeV)

39-Y -84