

Program EVALPLOT
(Version 2018-1)

by

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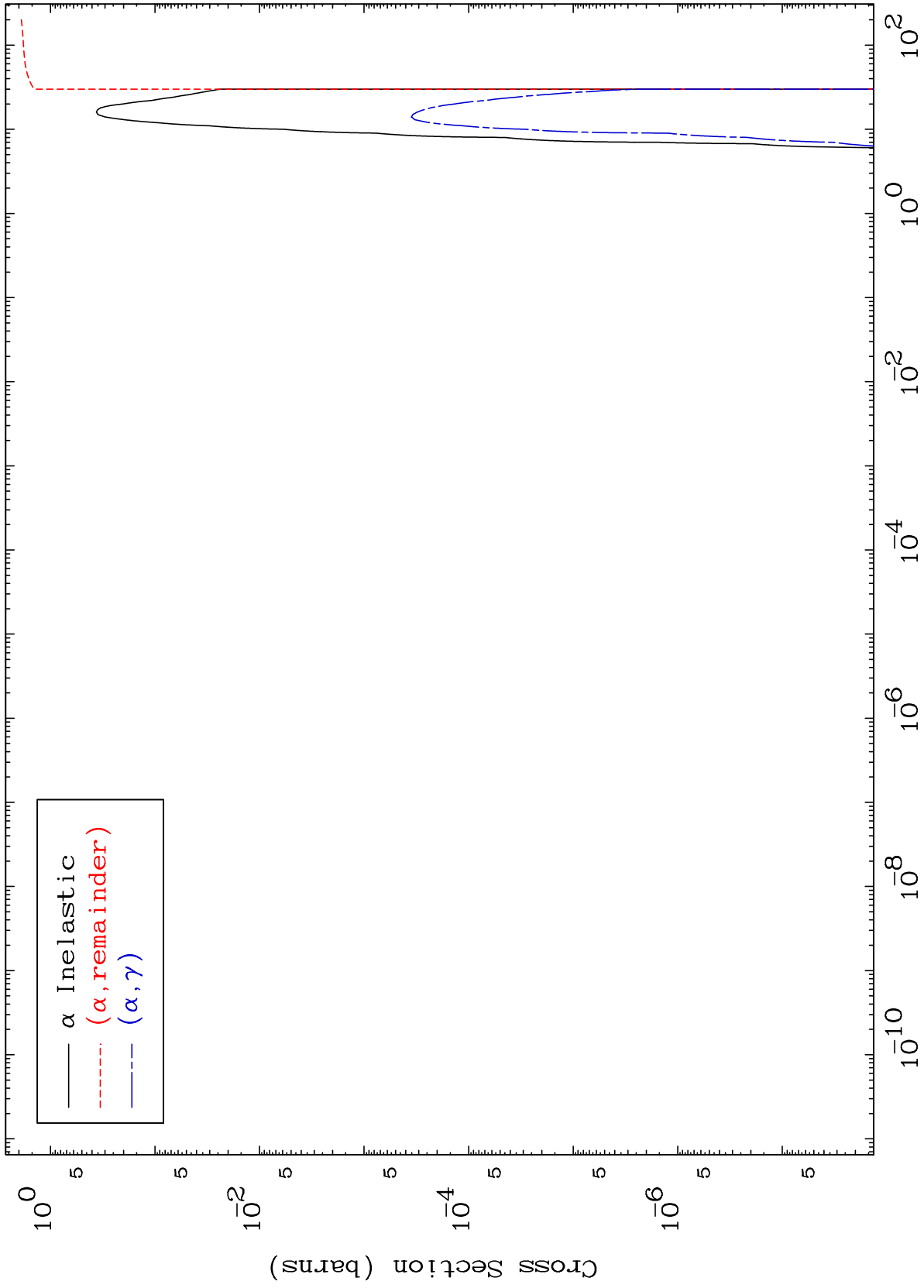
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3920

0 Kelvin α Major
Cross Sections

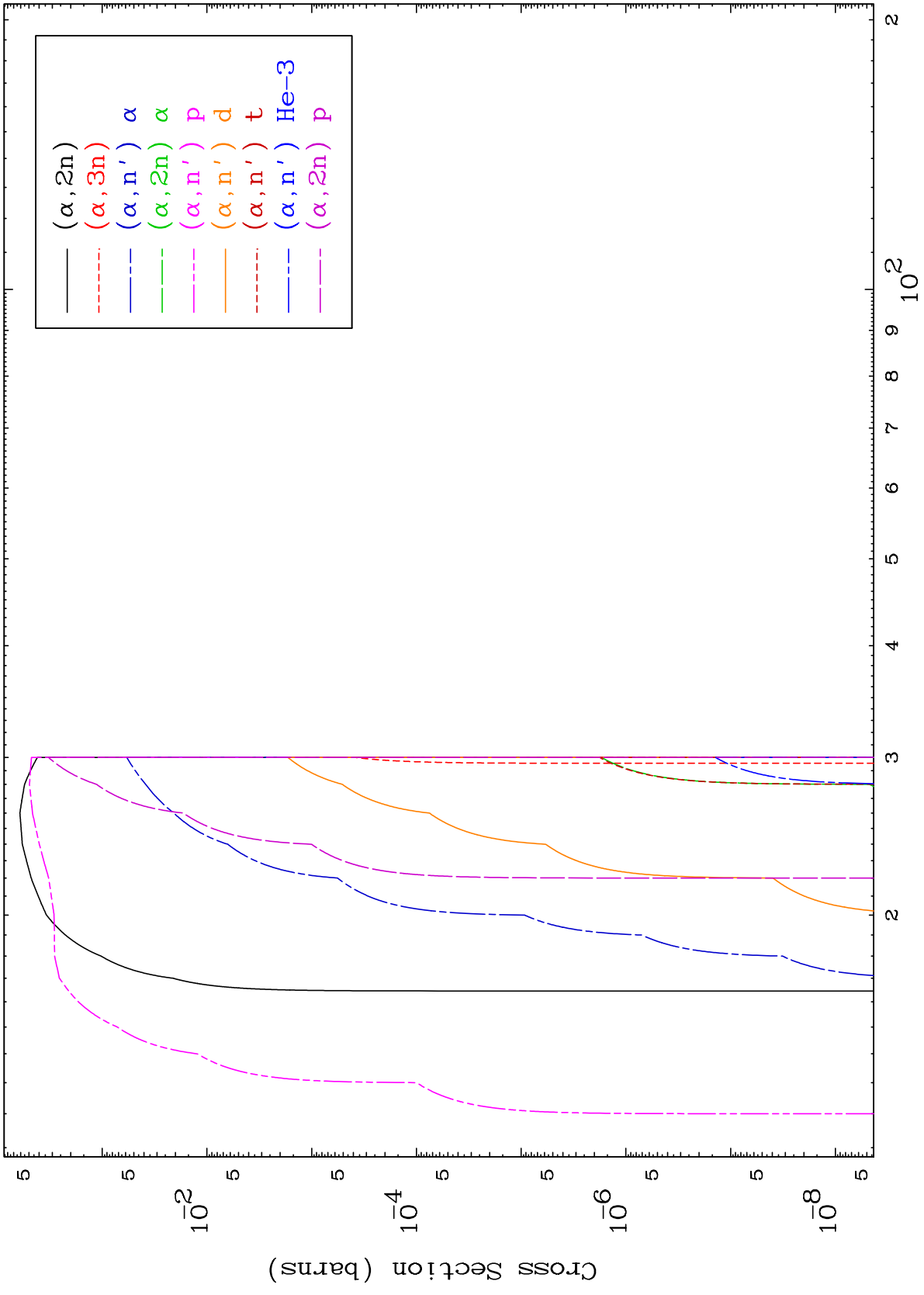
39-Y -87



1

Incident Energy (MeV)

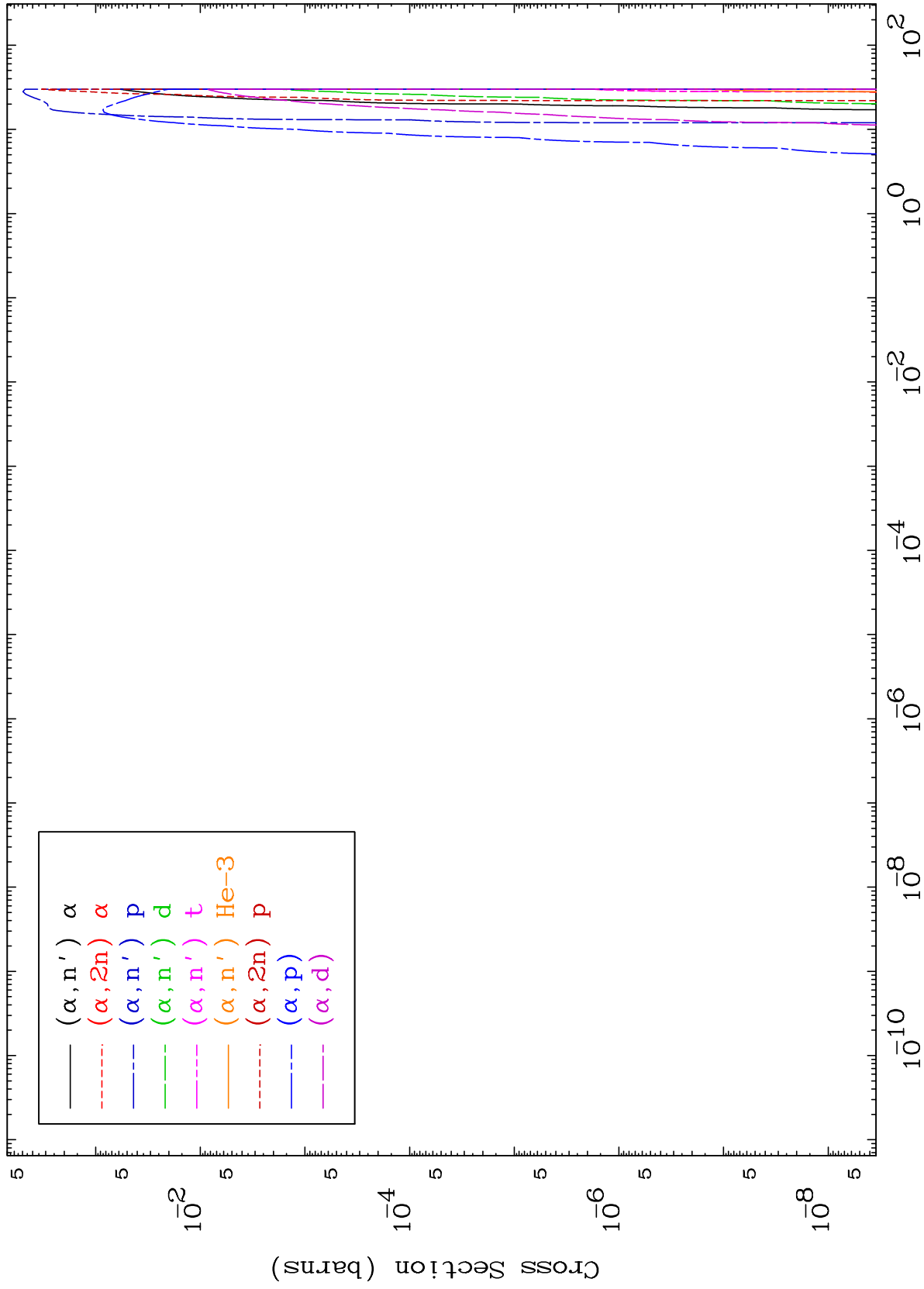
39-Y -87



MAT 3920

α Charged Particle
0 Kelvin Cross Sections

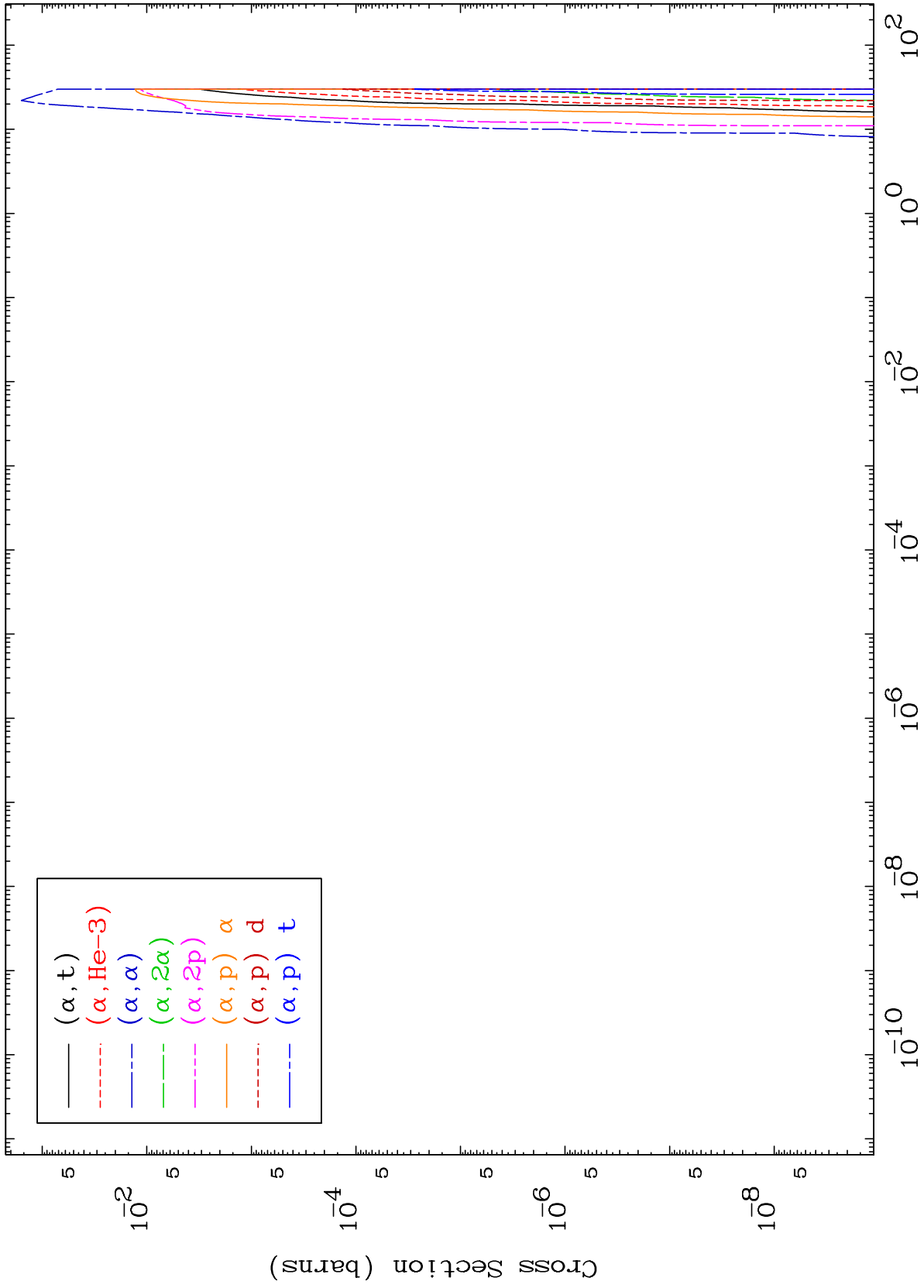
39-Y -87



3

Incident Energy (MeV)

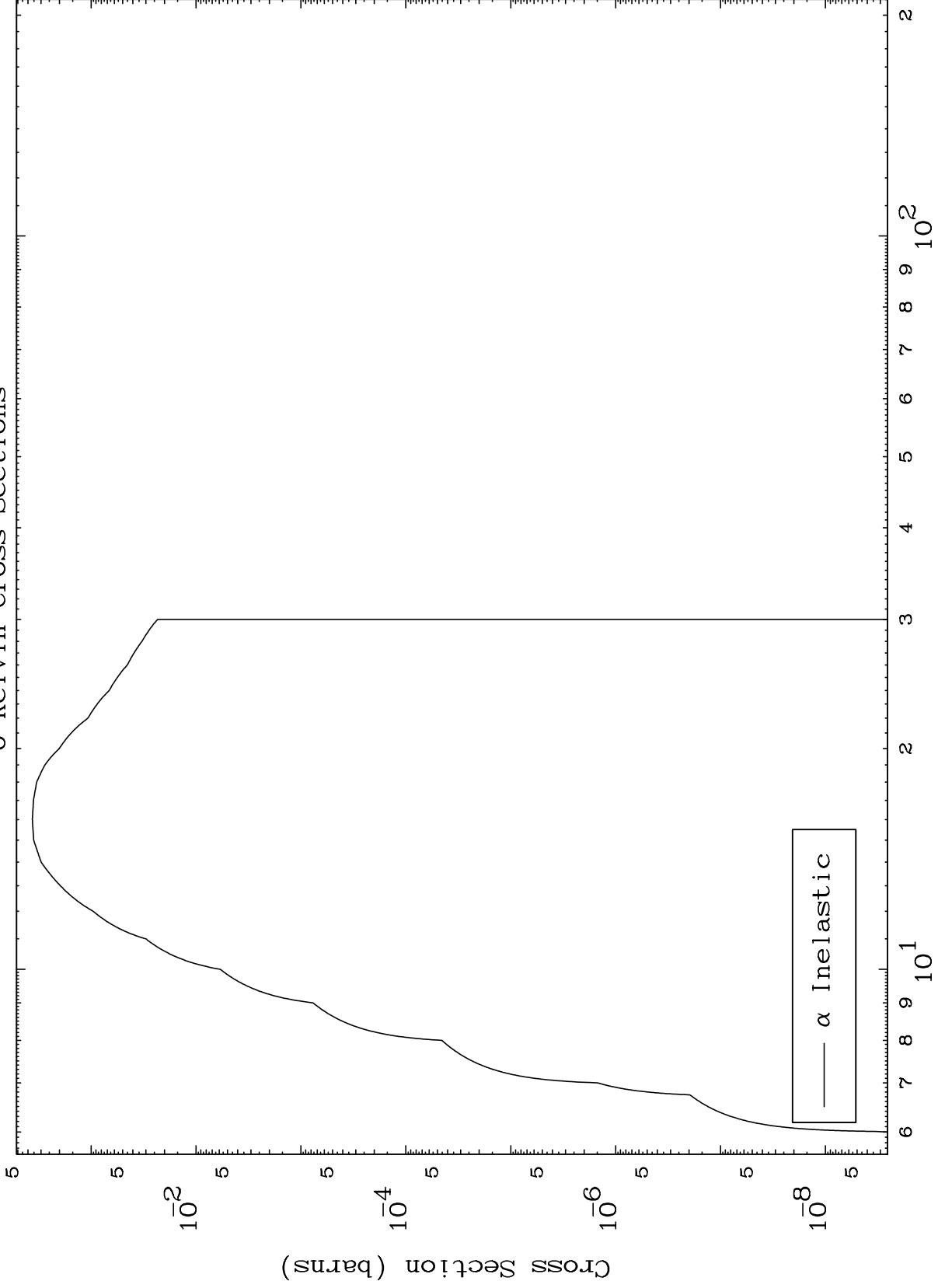
39-Y -87



MAT 3920

(α, n') Level
0 Kelvin Cross Sections

39-Y -87



— α Inelastic

5

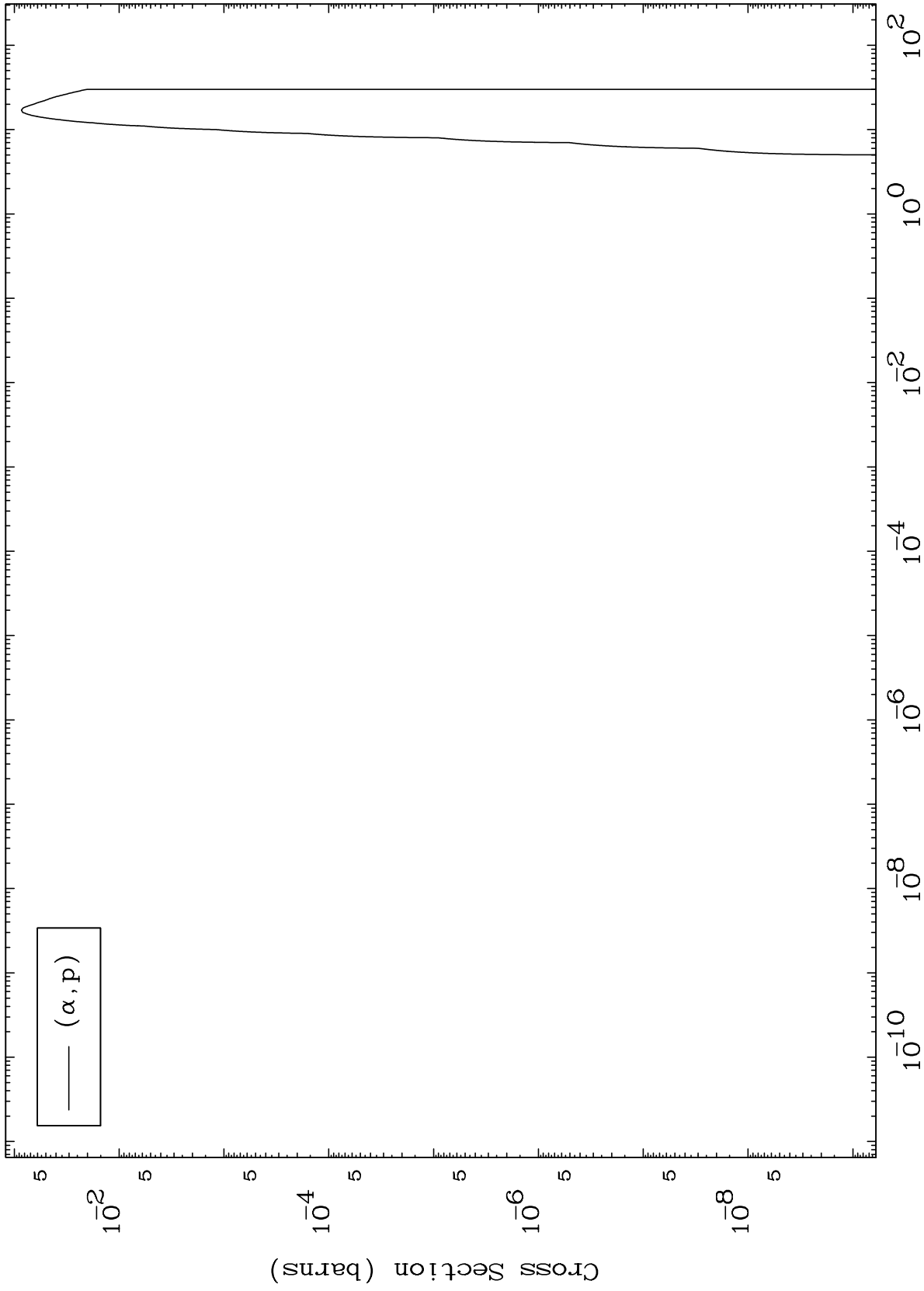
Incident Energy (MeV)

39-Y -87

MAT 3920

(α, p) Levels
0 Kelvin Cross Sections

39-Y -87



6

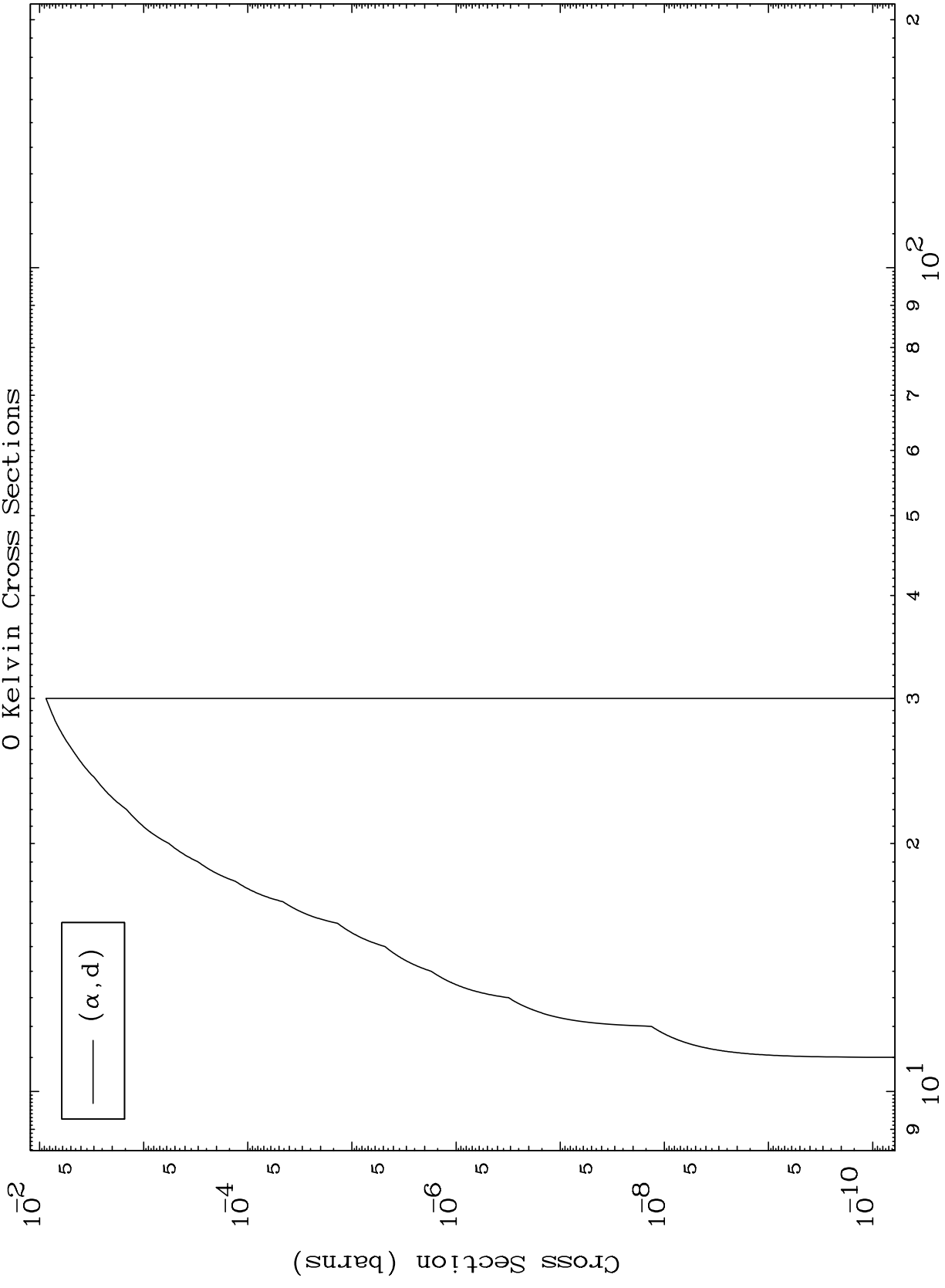
Incident Energy (MeV)

39-Y -87

MAT 3920

(α, d) Levels
0 Kelvin Cross Sections

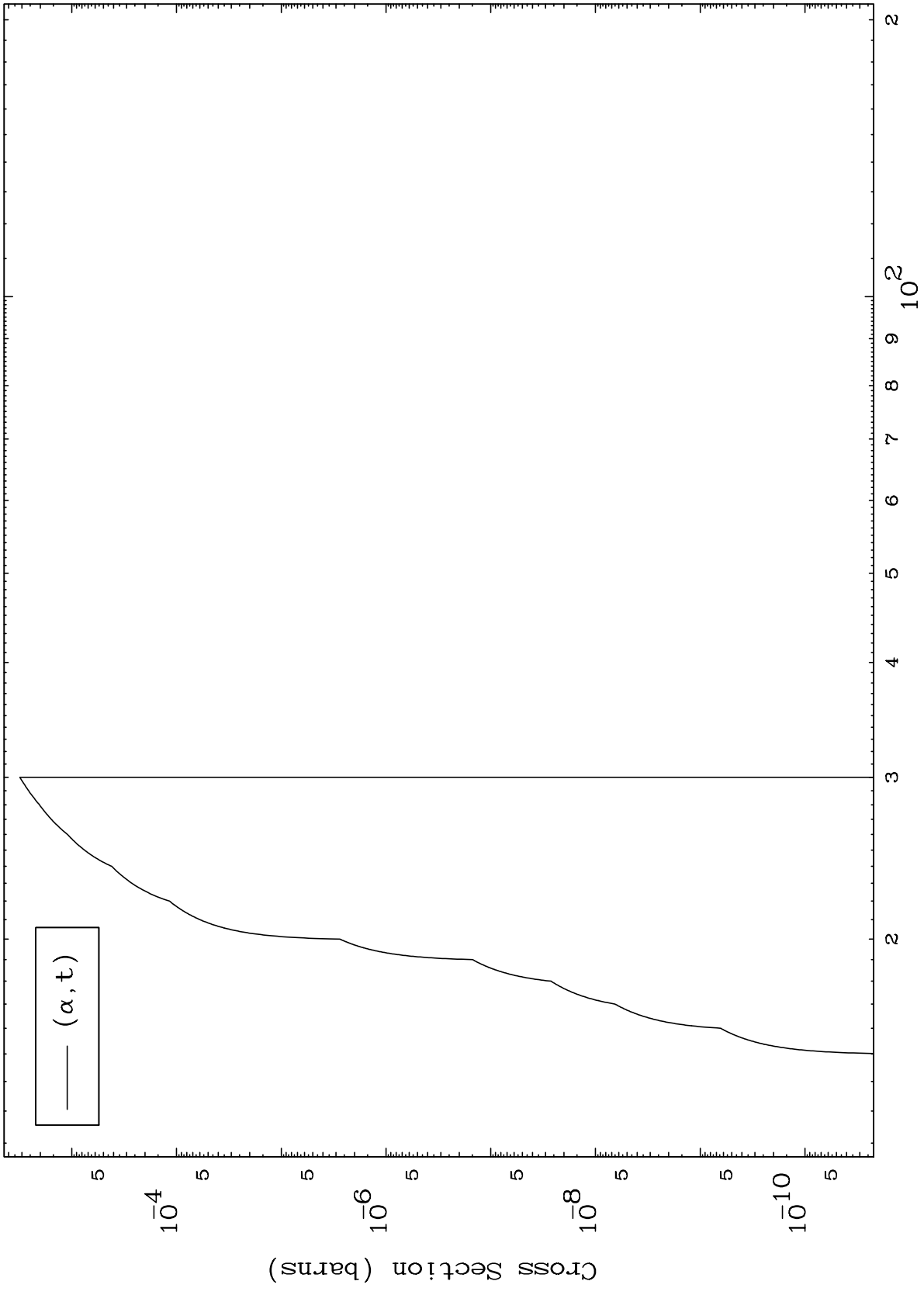
39-Y -87

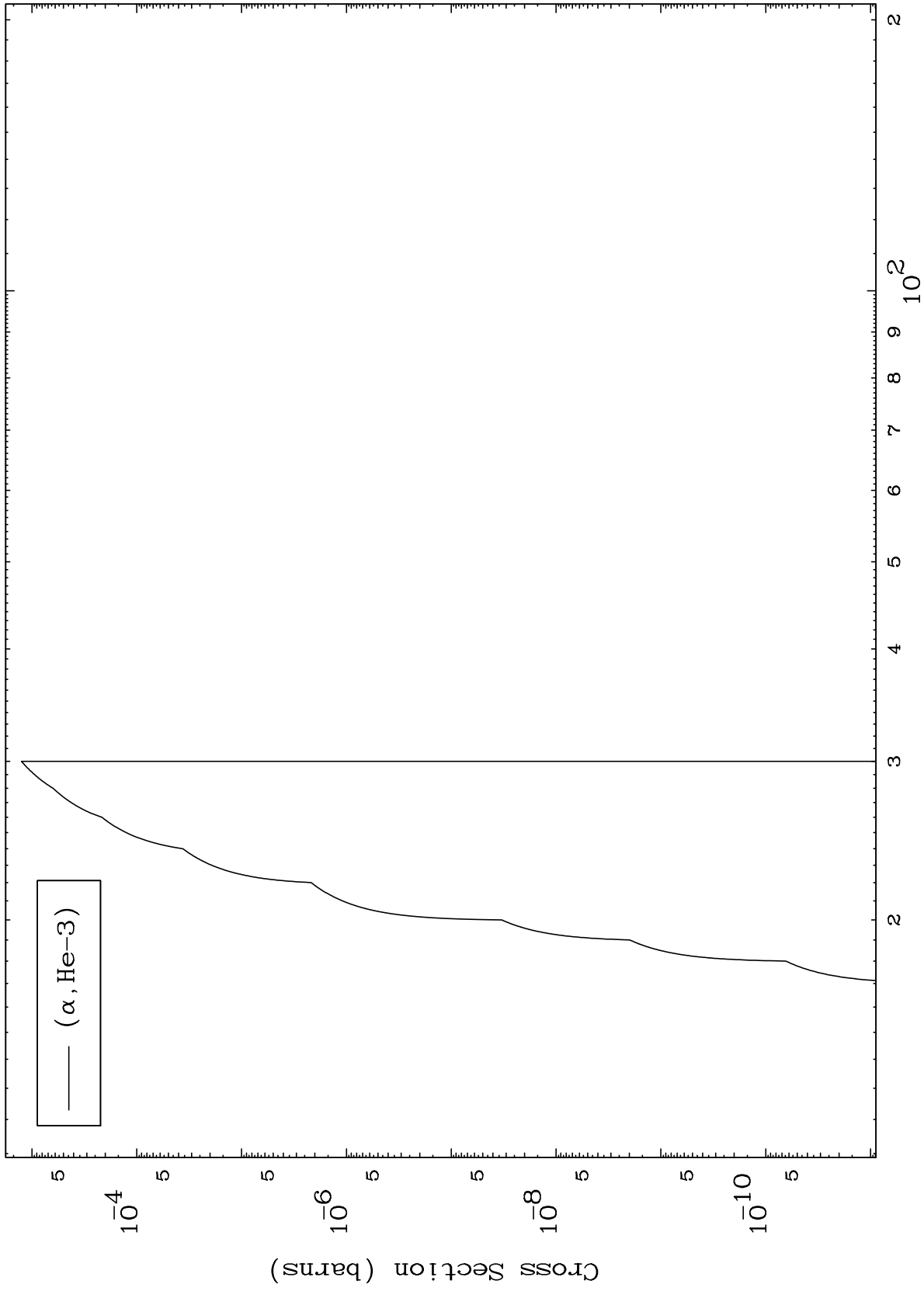


7

Incident Energy (MeV)

39-Y -87

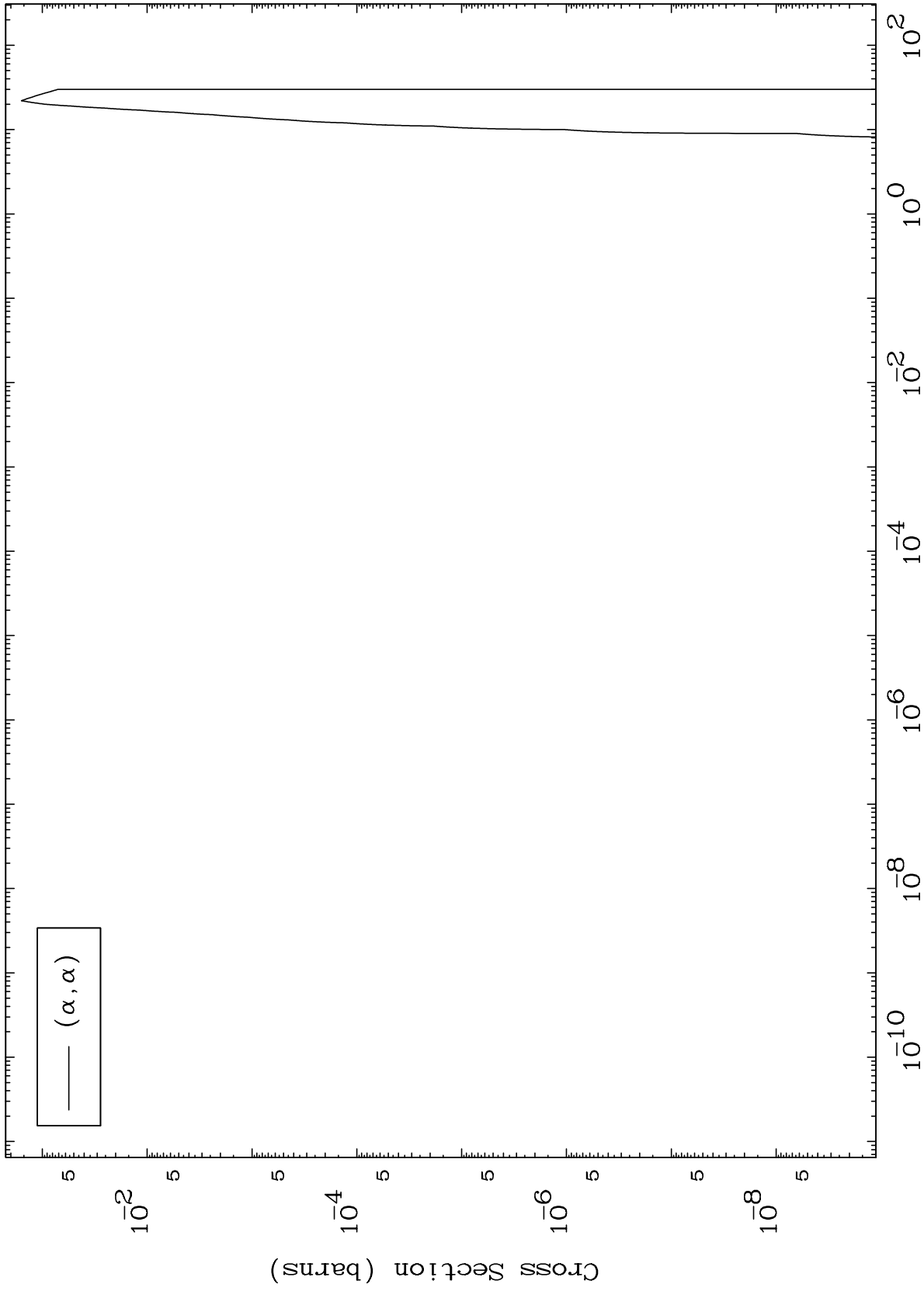




MAT 3920

(α, α) Levels
0 Kelvin Cross Sections

39-Y -87



10

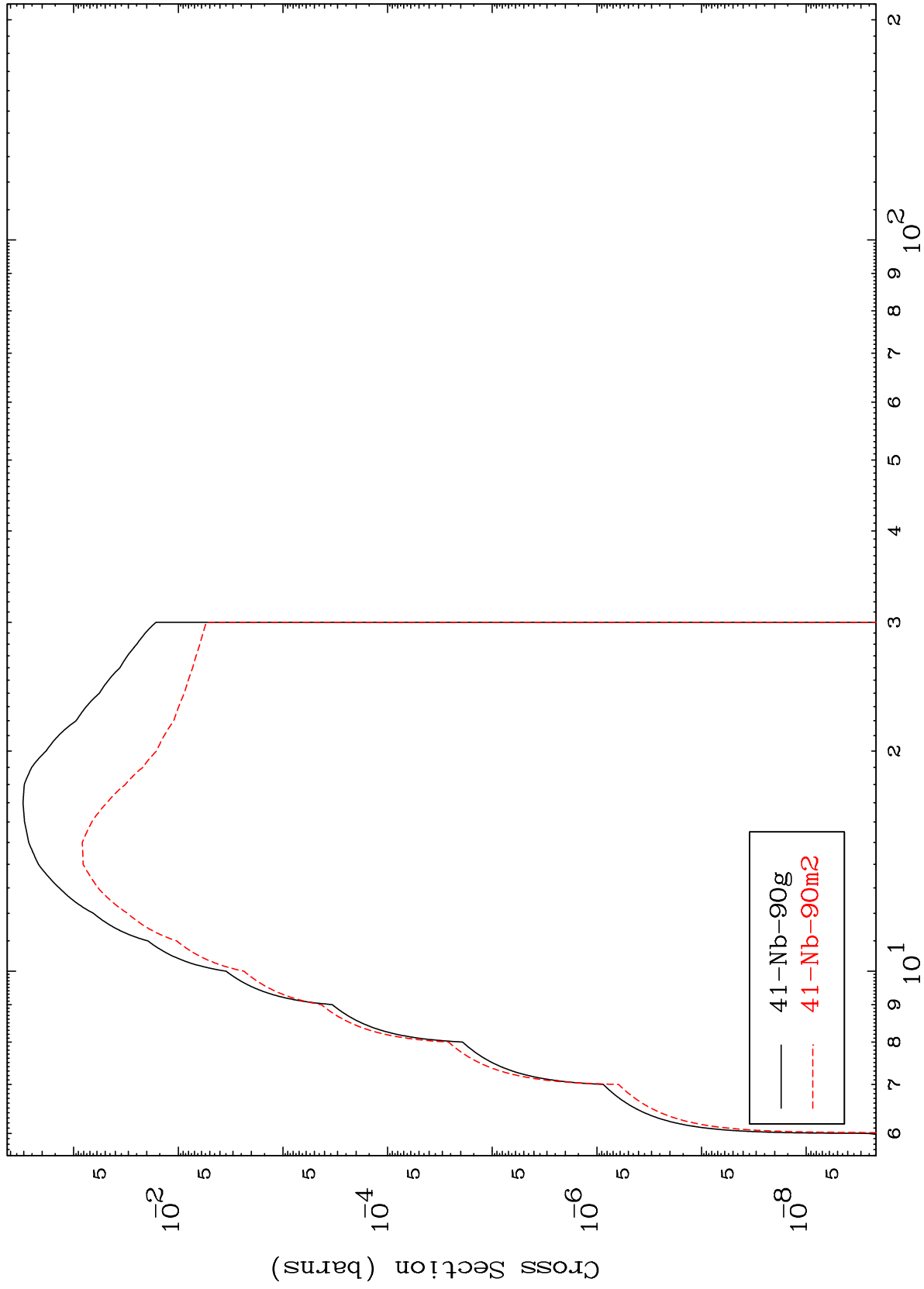
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

α Inelastic Radionuclide Production Cross Section



11

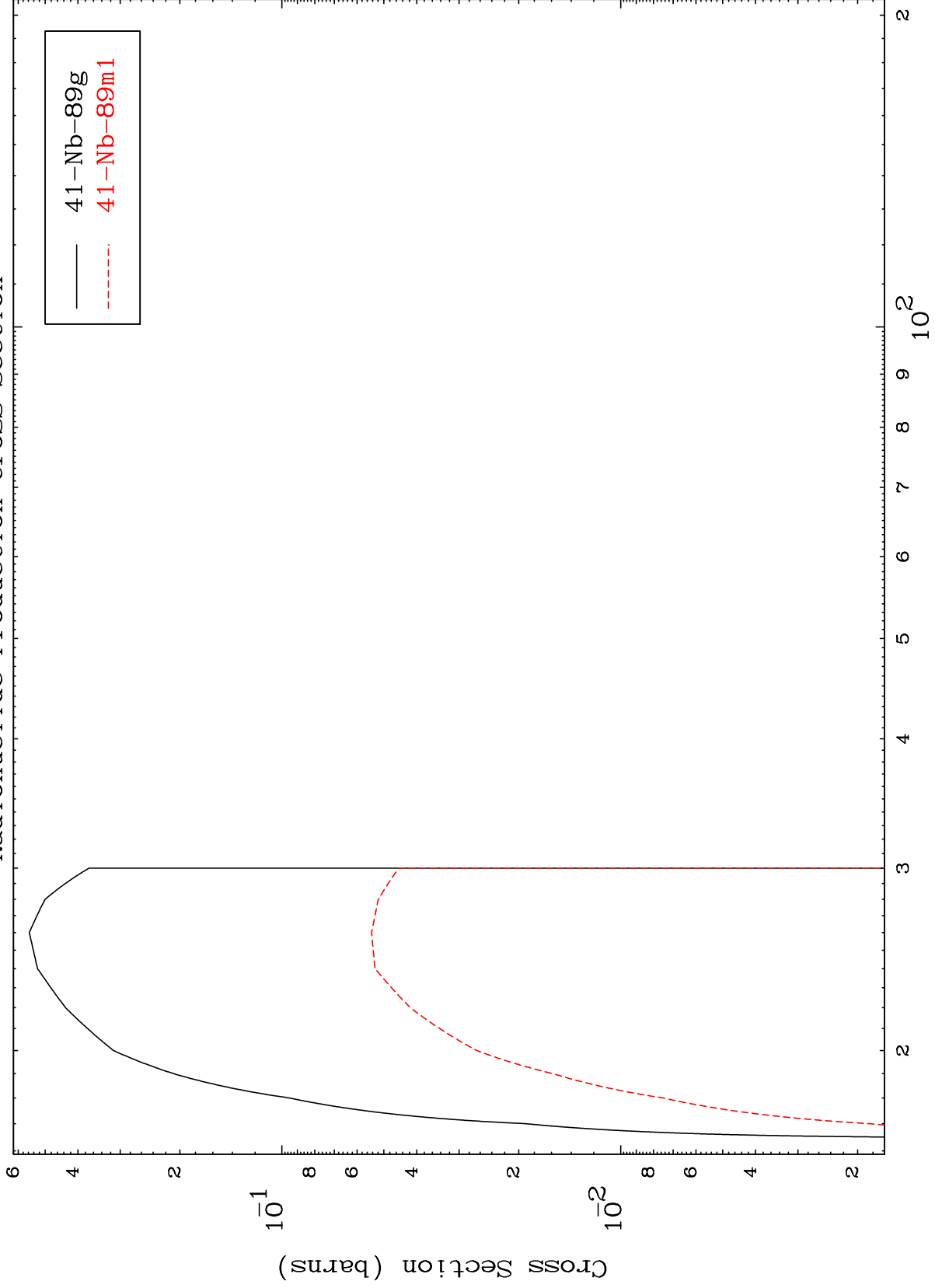
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

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



12

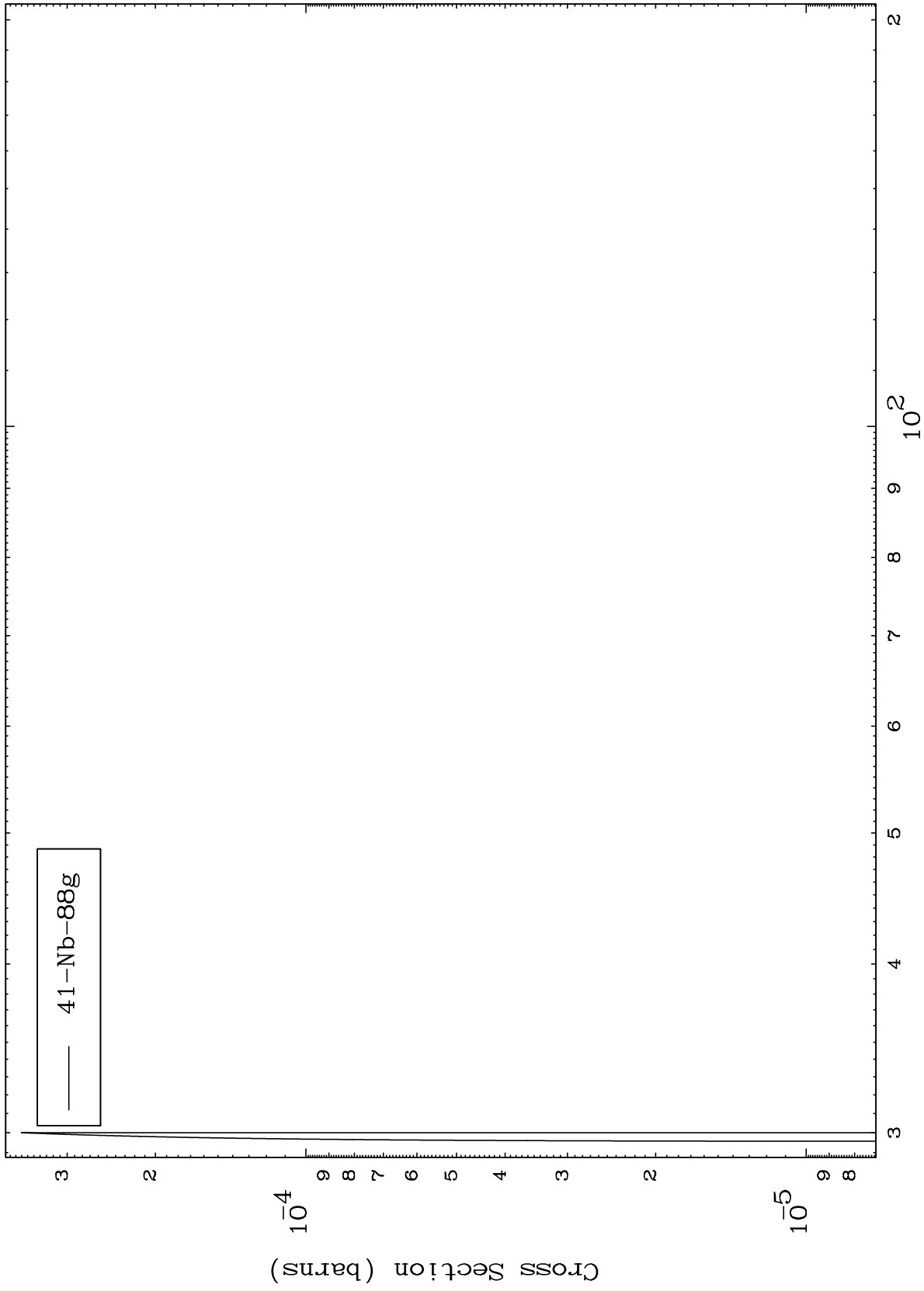
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

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



13

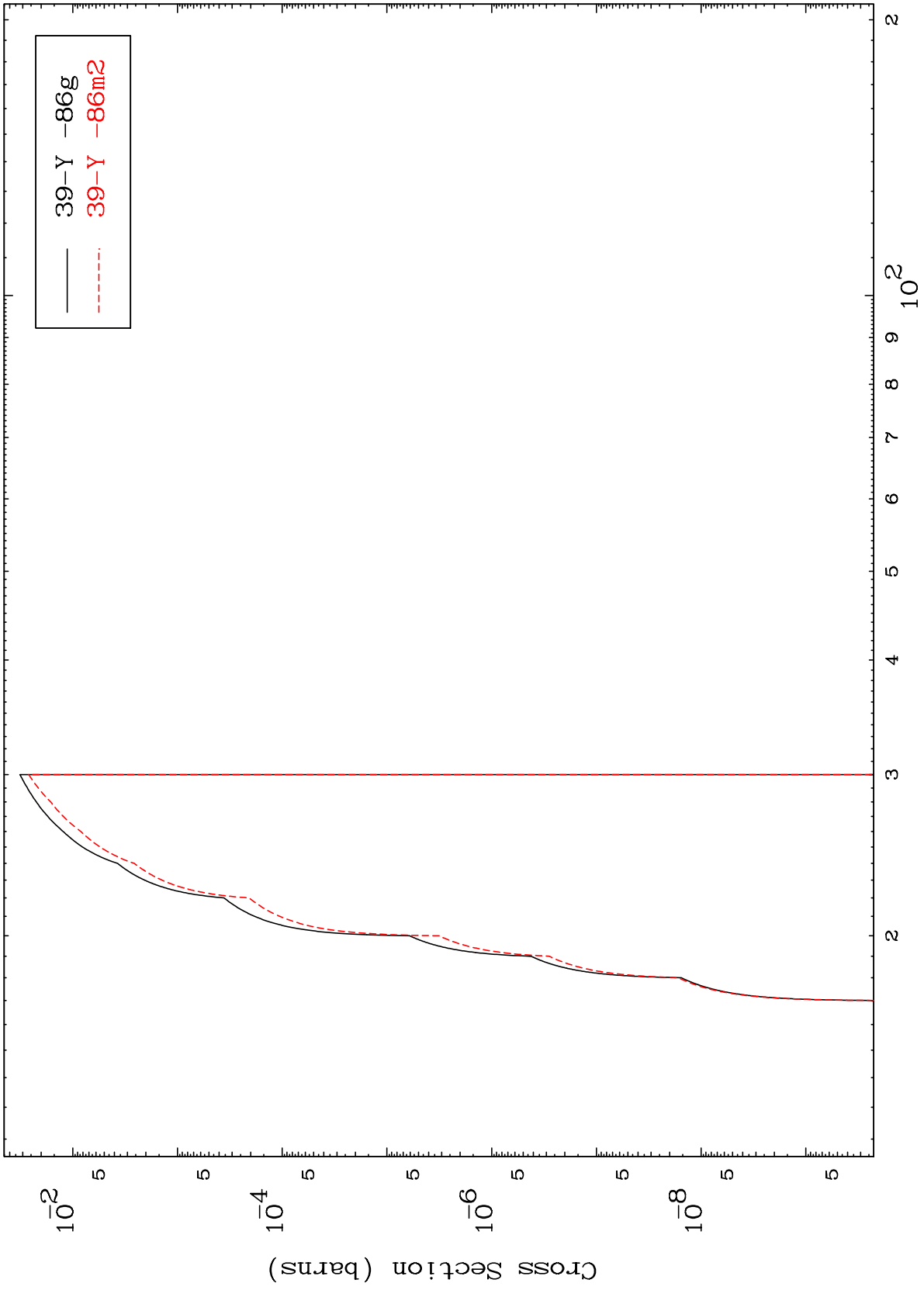
39-Y -87

MAT 3920

(α, n') α

39-Y -87

Radionuclide Production Cross Section



14

Incident Energy (MeV)

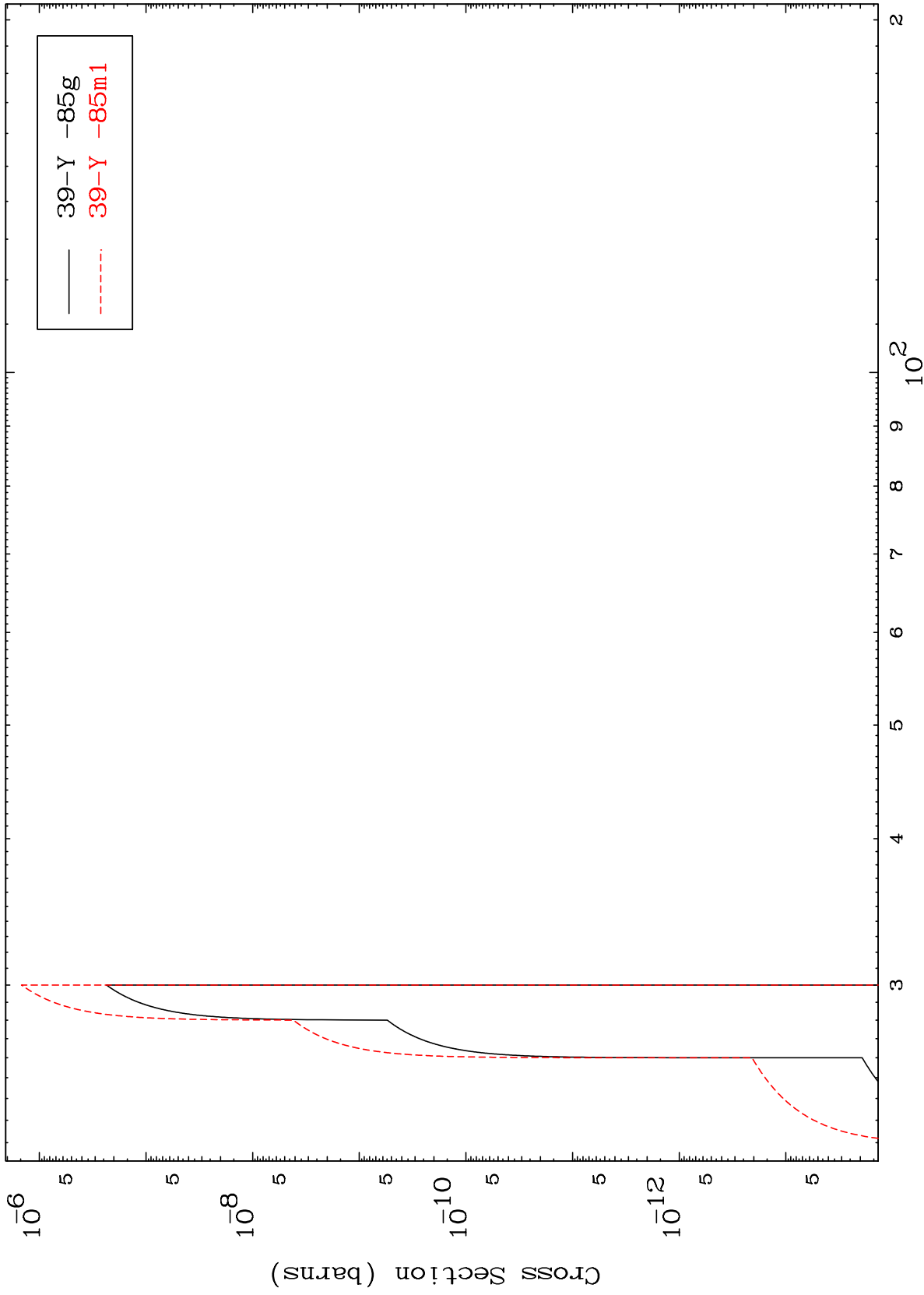
39-Y -87

MAT 3920

$(\alpha, 2n) \alpha$

39-Y -87

Radionuclide Production Cross Section



15

Incident Energy (MeV)

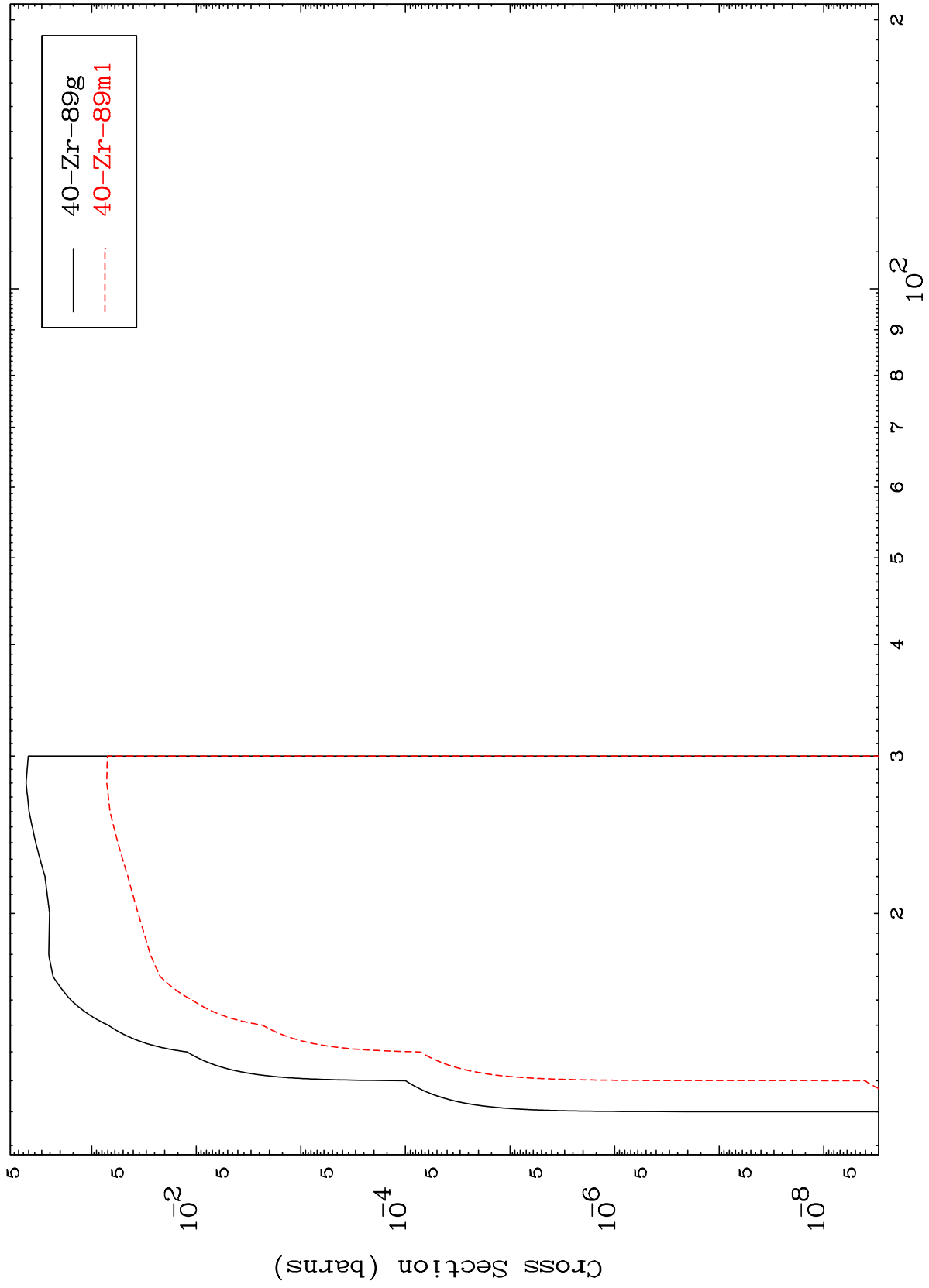
39-Y -87

MAT 3920

(α, n') p

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

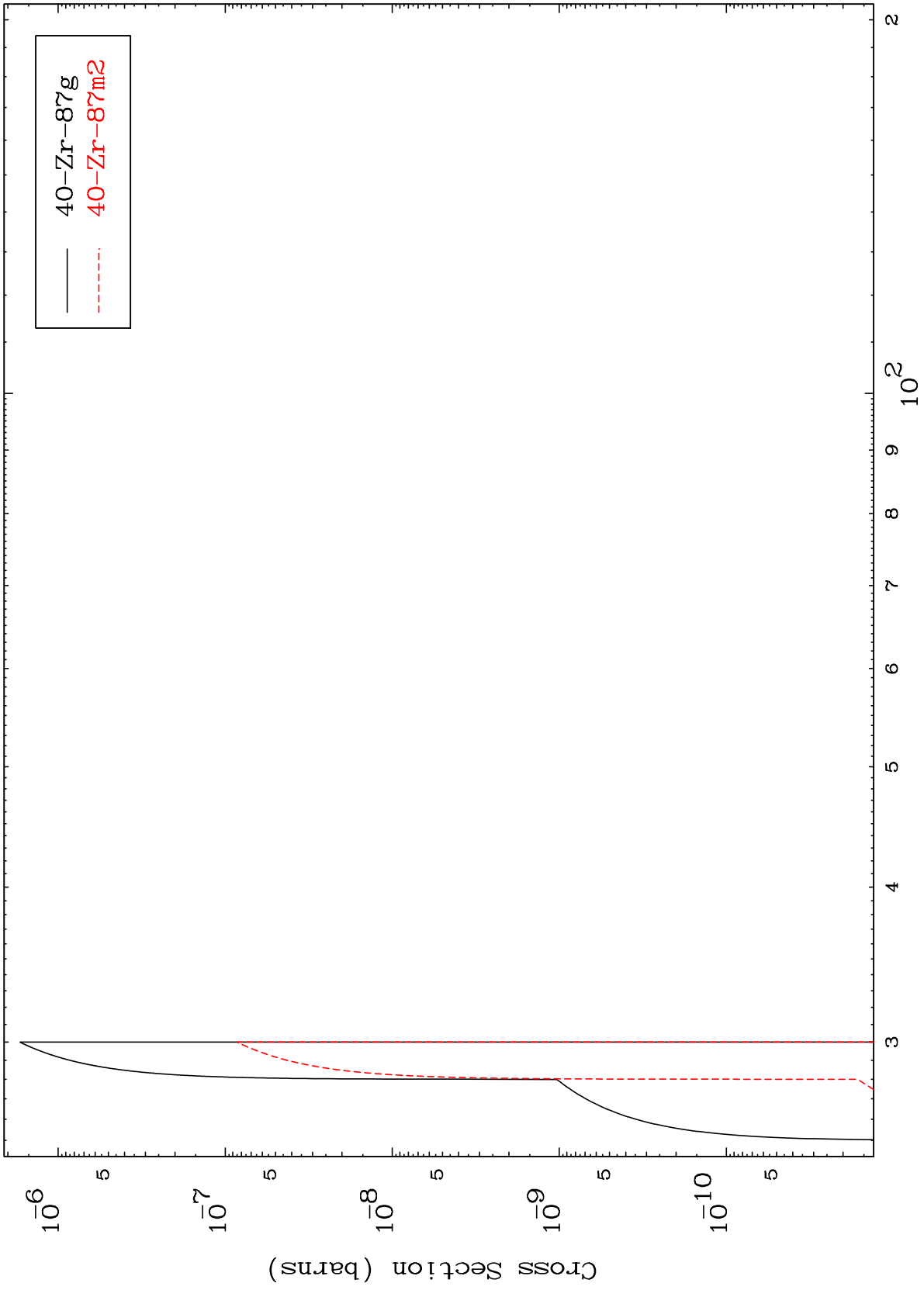
39-Y -87

MAT 3920

(α, n') t

39-Y -87

Radionuclide Production Cross Section



17

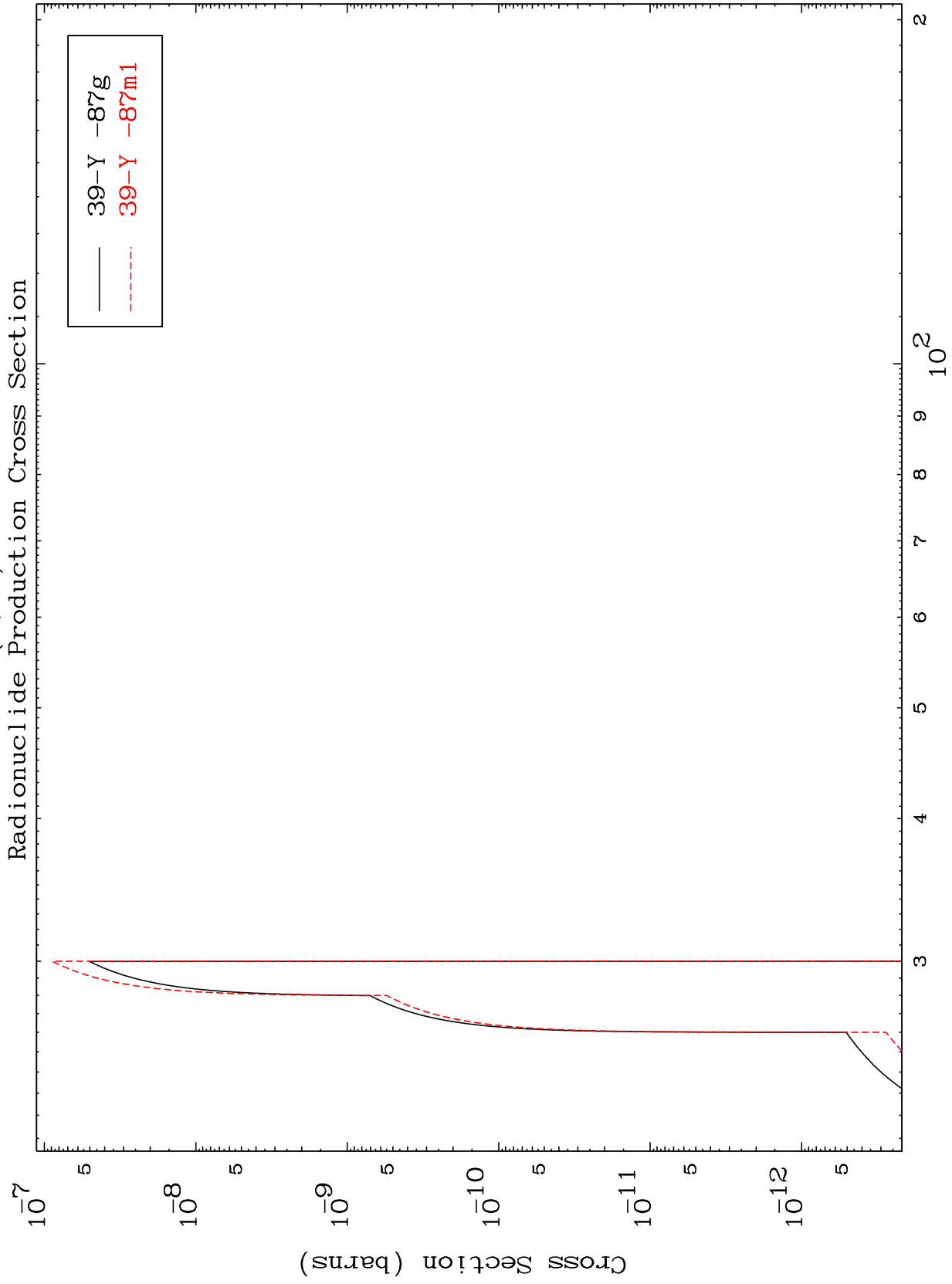
Incident Energy (MeV)

39-Y -87

MAT 3920

(α, n') He-3

39-Y -87



39-Y -87

Incident Energy (MeV)

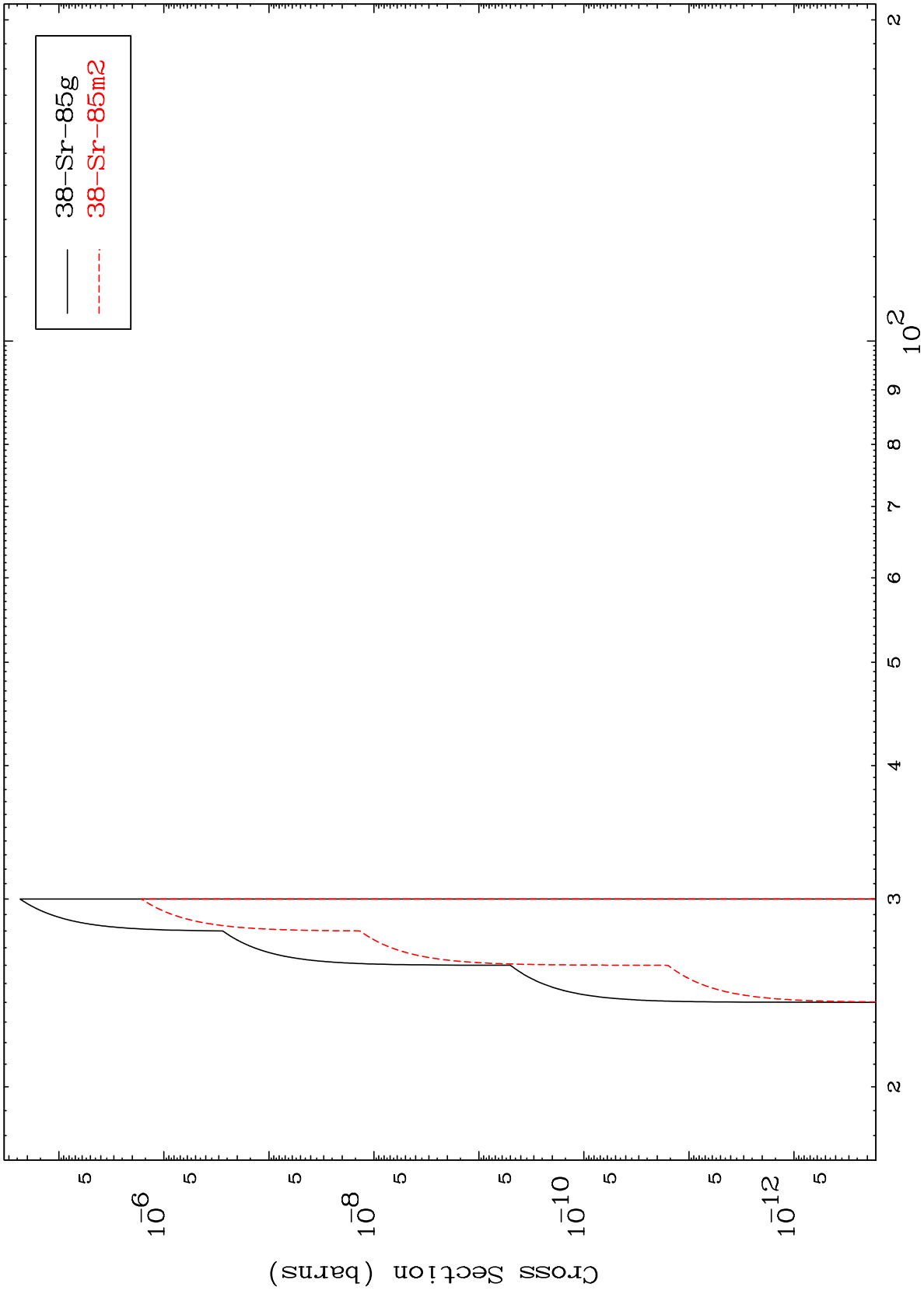
18

MAT 3920

(α, n') p α

39-Y -87

Radionuclide Production Cross Section



19

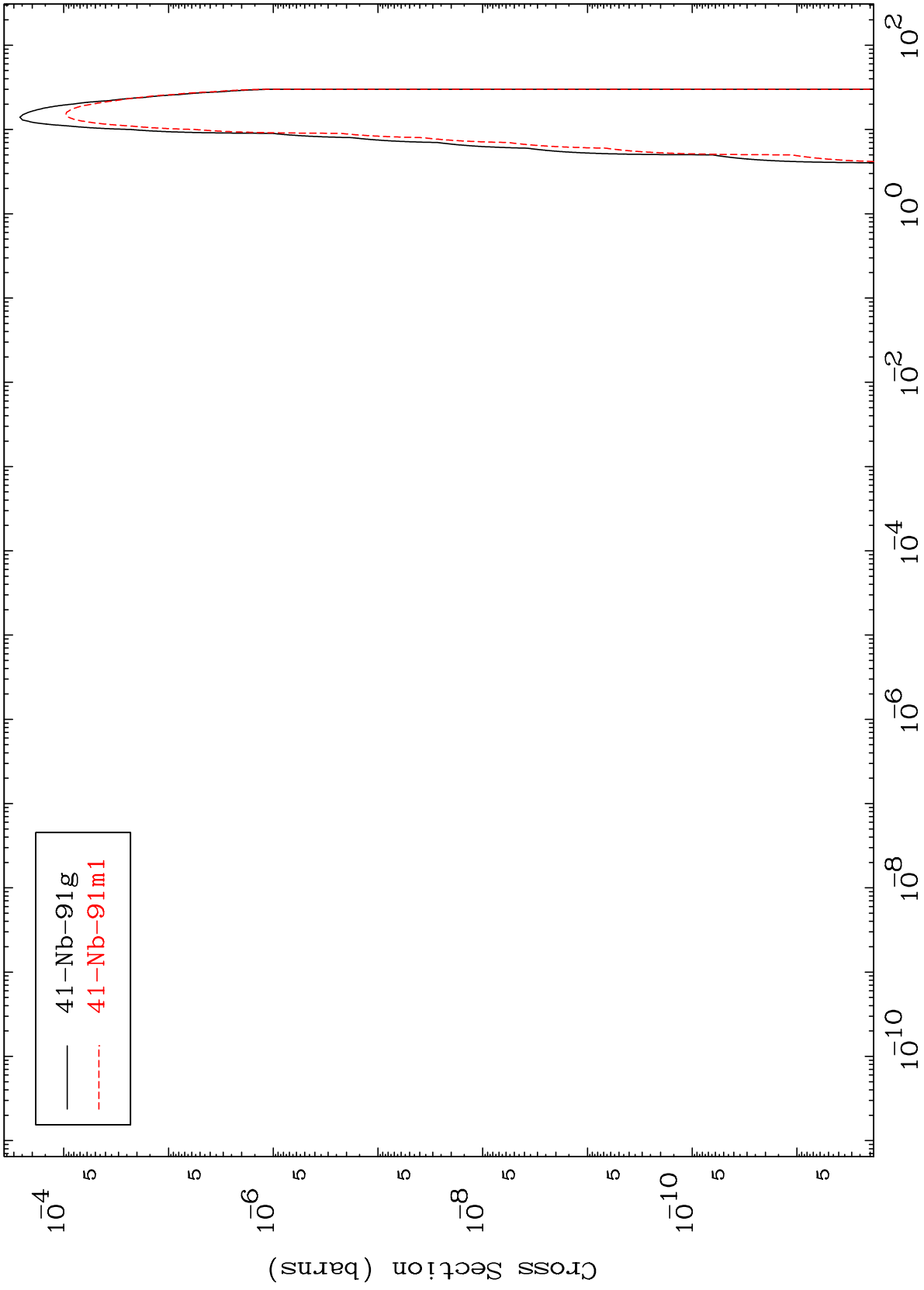
Incident Energy (MeV)

39-Y -87

MAT 3920

Radionuclide Production Cross Section
(α, γ)

39-Y -87



— 41-Nb-91g
- - - 41-Nb-91m1

20

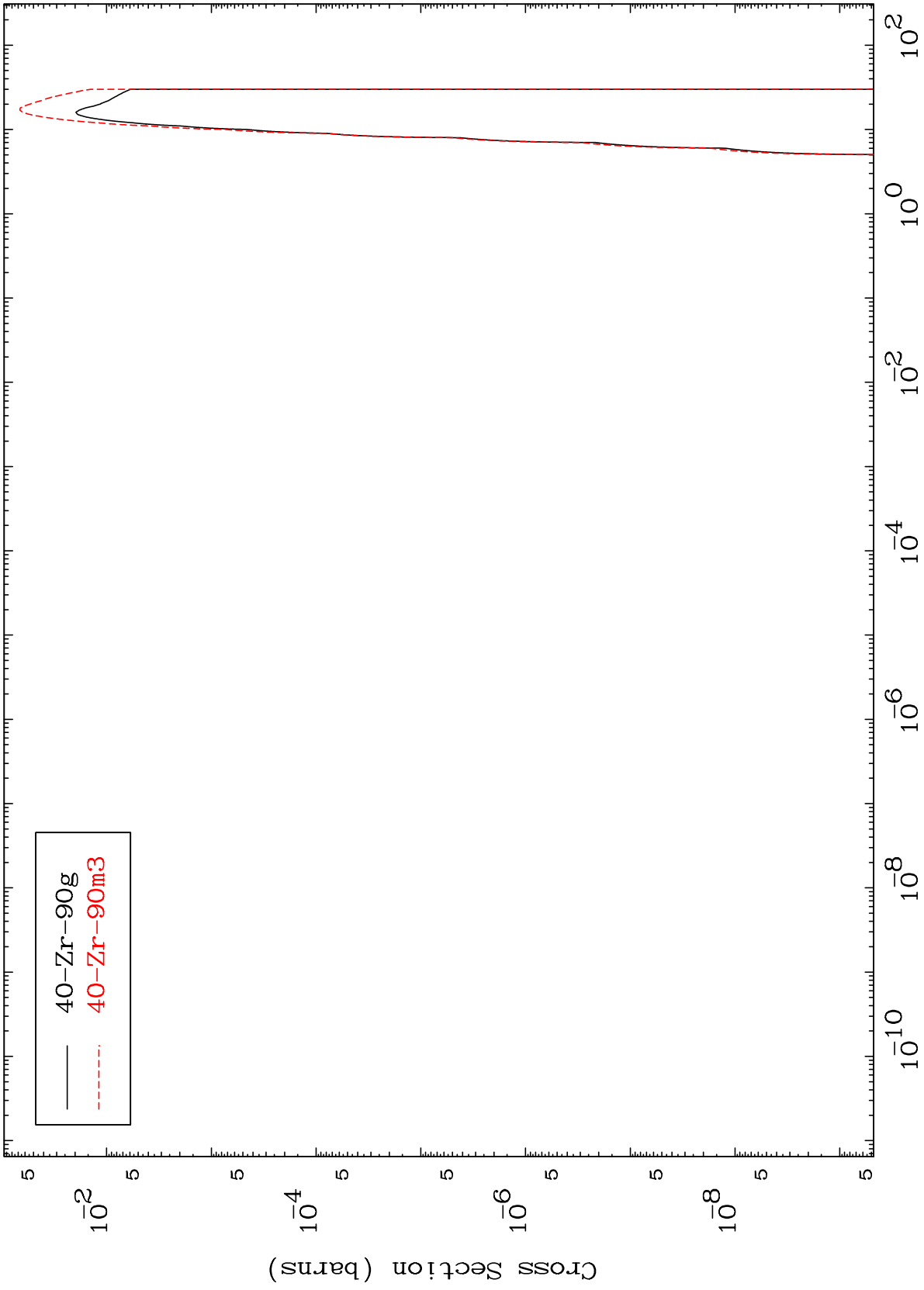
Incident Energy (MeV)

39-Y -87

MAT 3920

(α, p)
Radionuclide Production Cross Section

39-Y -87



21

Incident Energy (MeV)

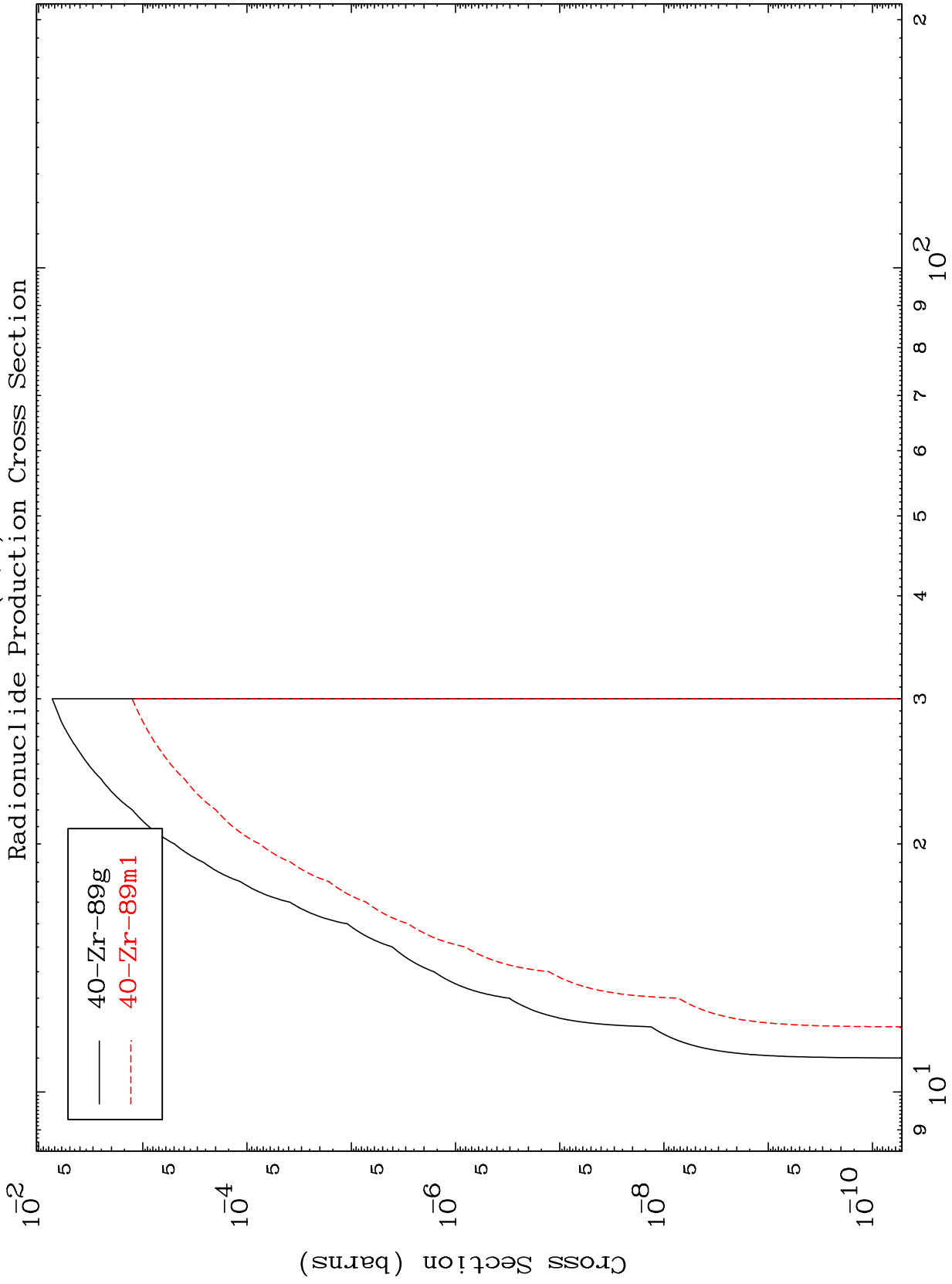
39-Y -87

MAT 3920

(α, d)

39-Y -87

Radionuclide Production Cross Section



39-Y -87

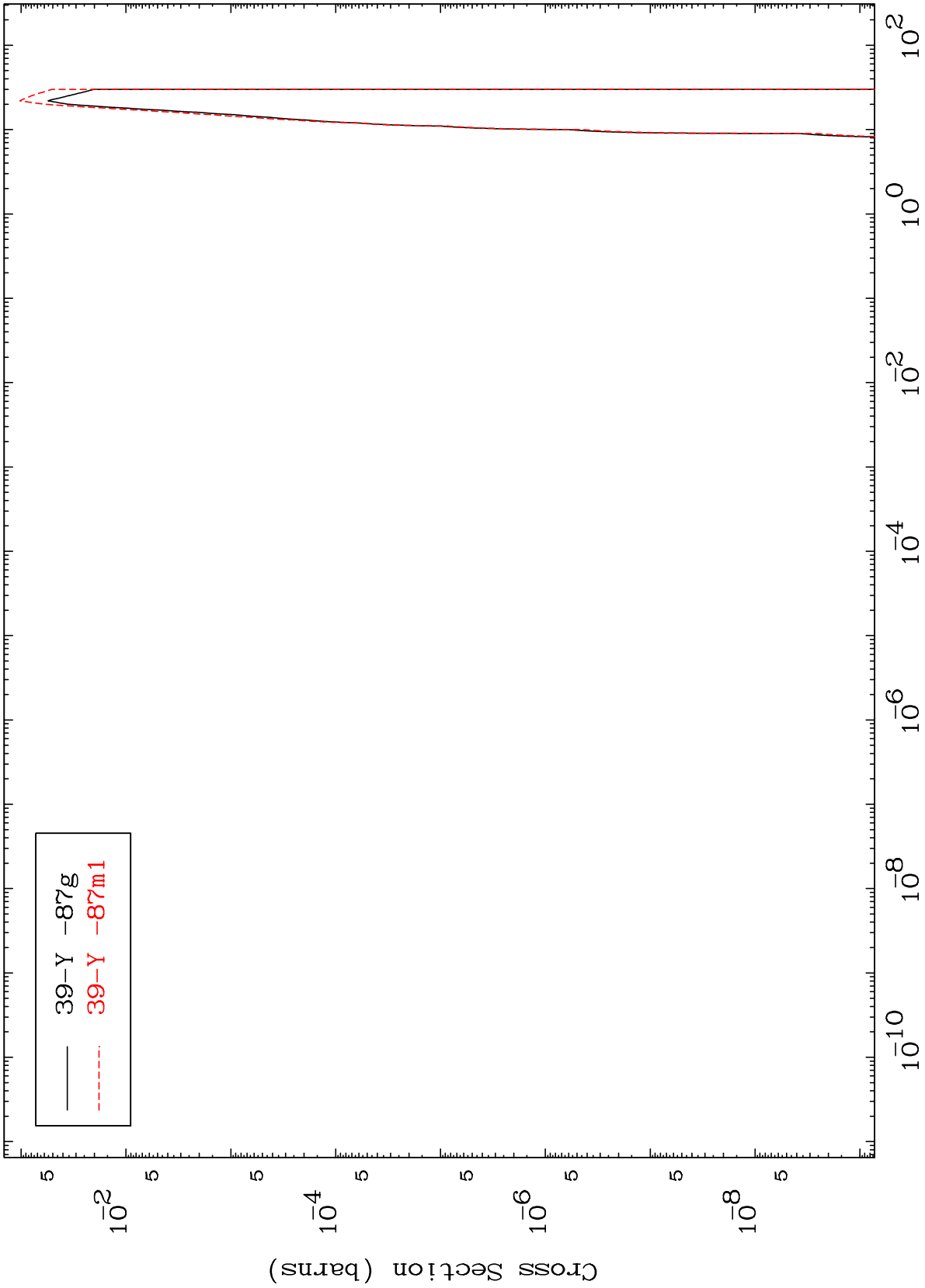
Incident Energy (MeV)

22

MAT 3920

(α, α)
Radionuclide Production Cross Section

39-Y -87



23

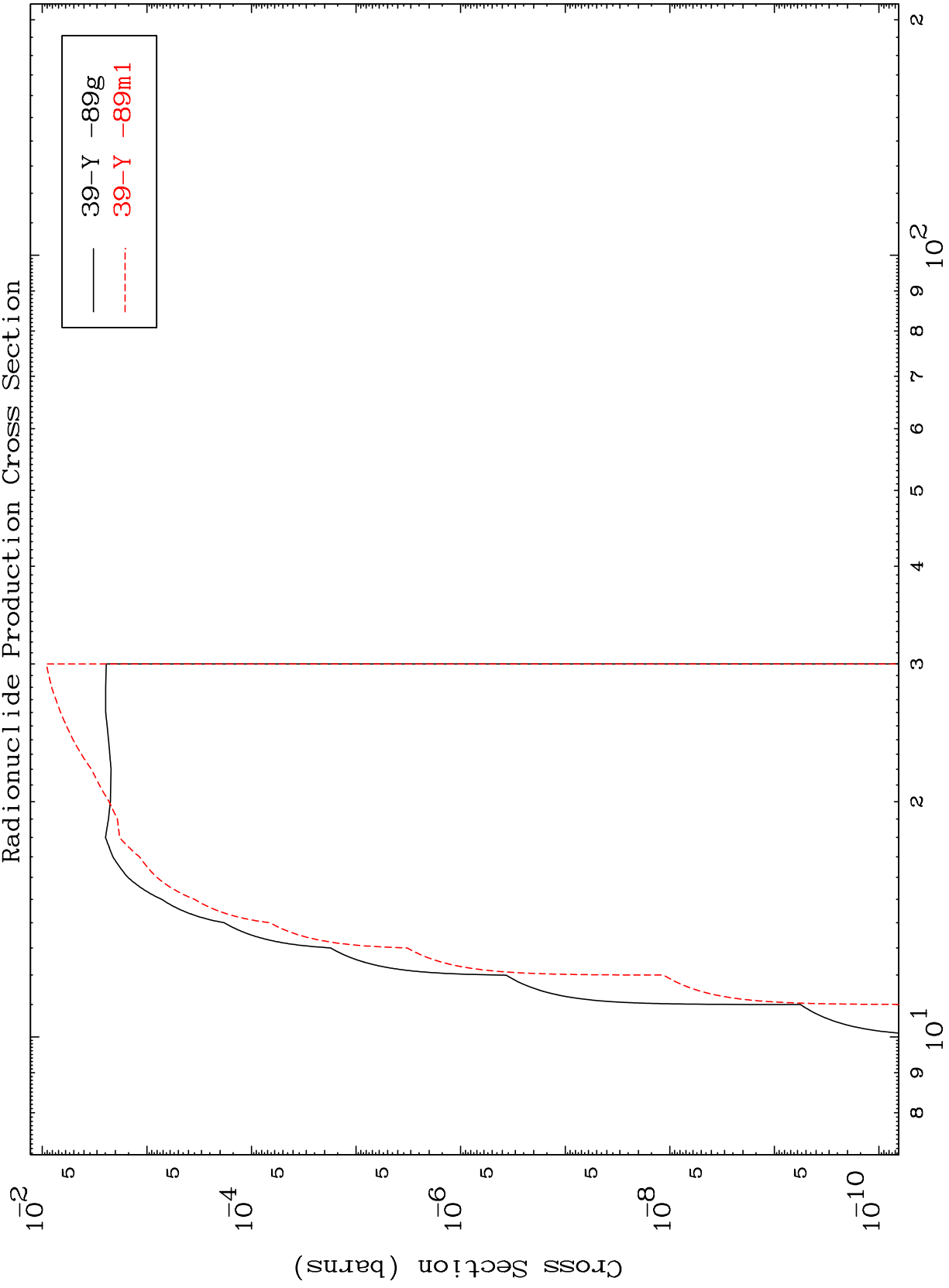
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

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



24

Incident Energy (MeV)

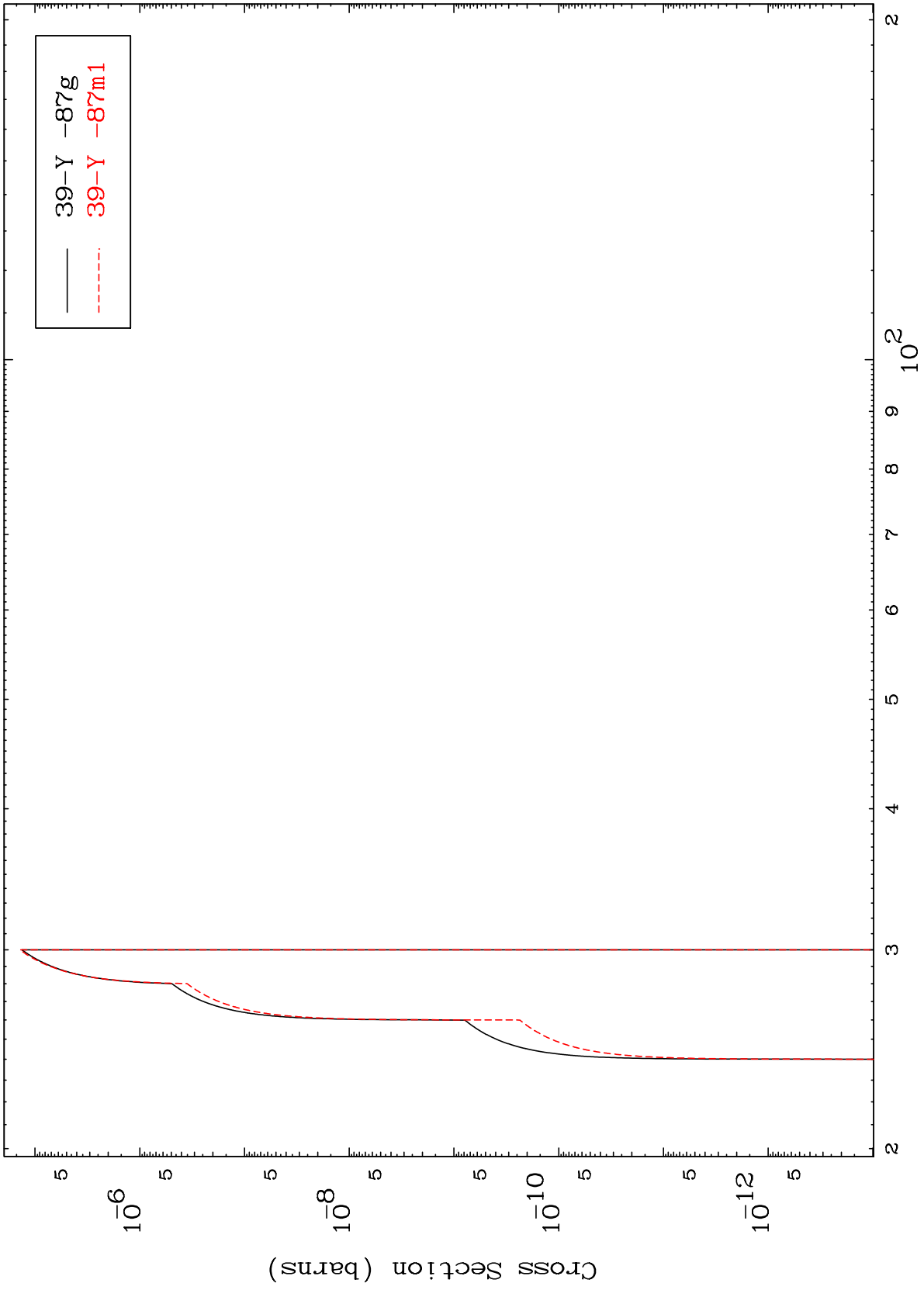
39-Y -87

MAT 3920

(α, p) t

39-Y -87

Radionuclide Production Cross Section



25

Incident Energy (MeV)

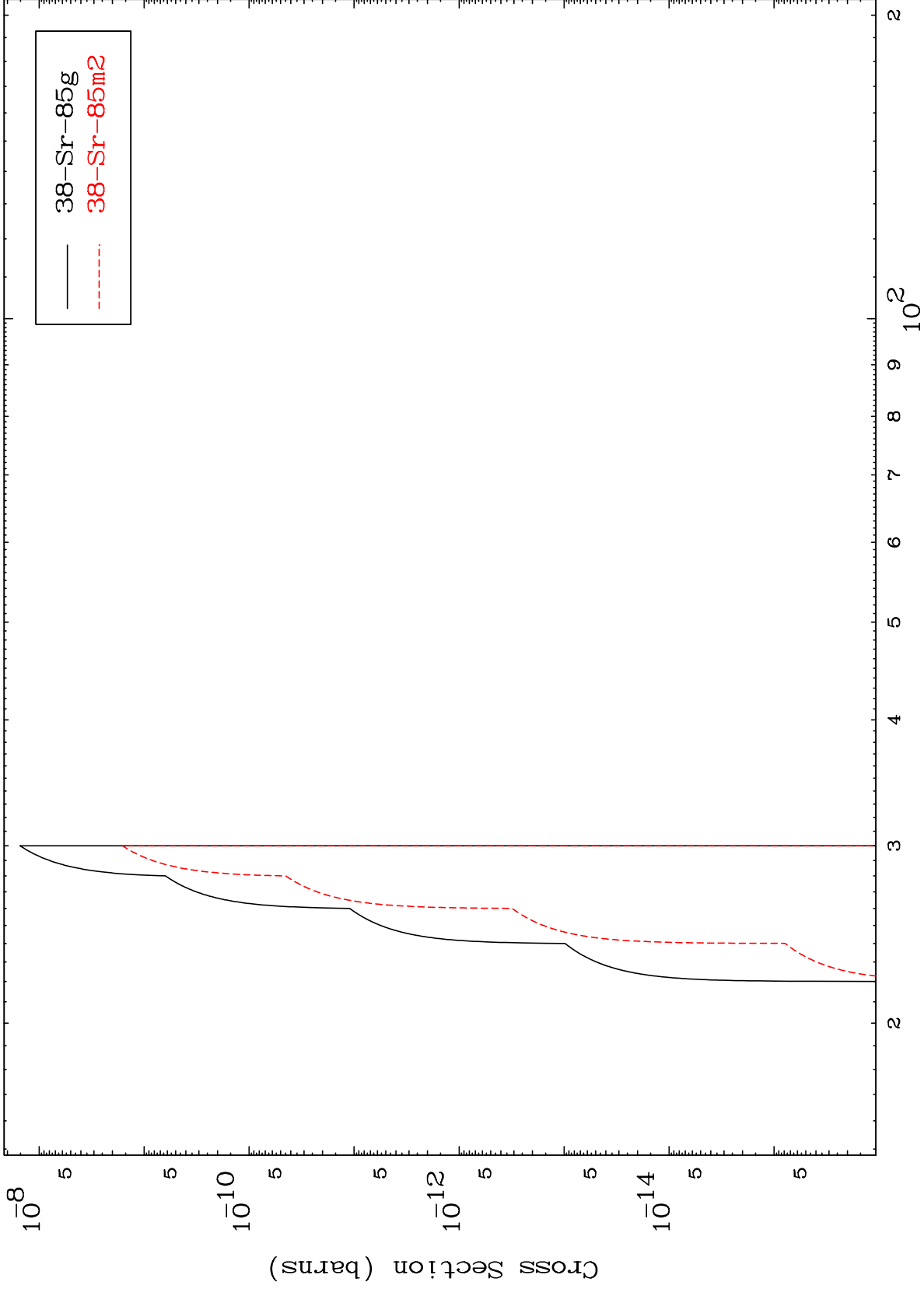
39-Y -87

MAT 3920

(α, d) α

39-Y -87

Radionuclide Production Cross Section



26

Incident Energy (MeV)

39-Y -87