

Program EVALPLOT
(Version 2018-1)

by

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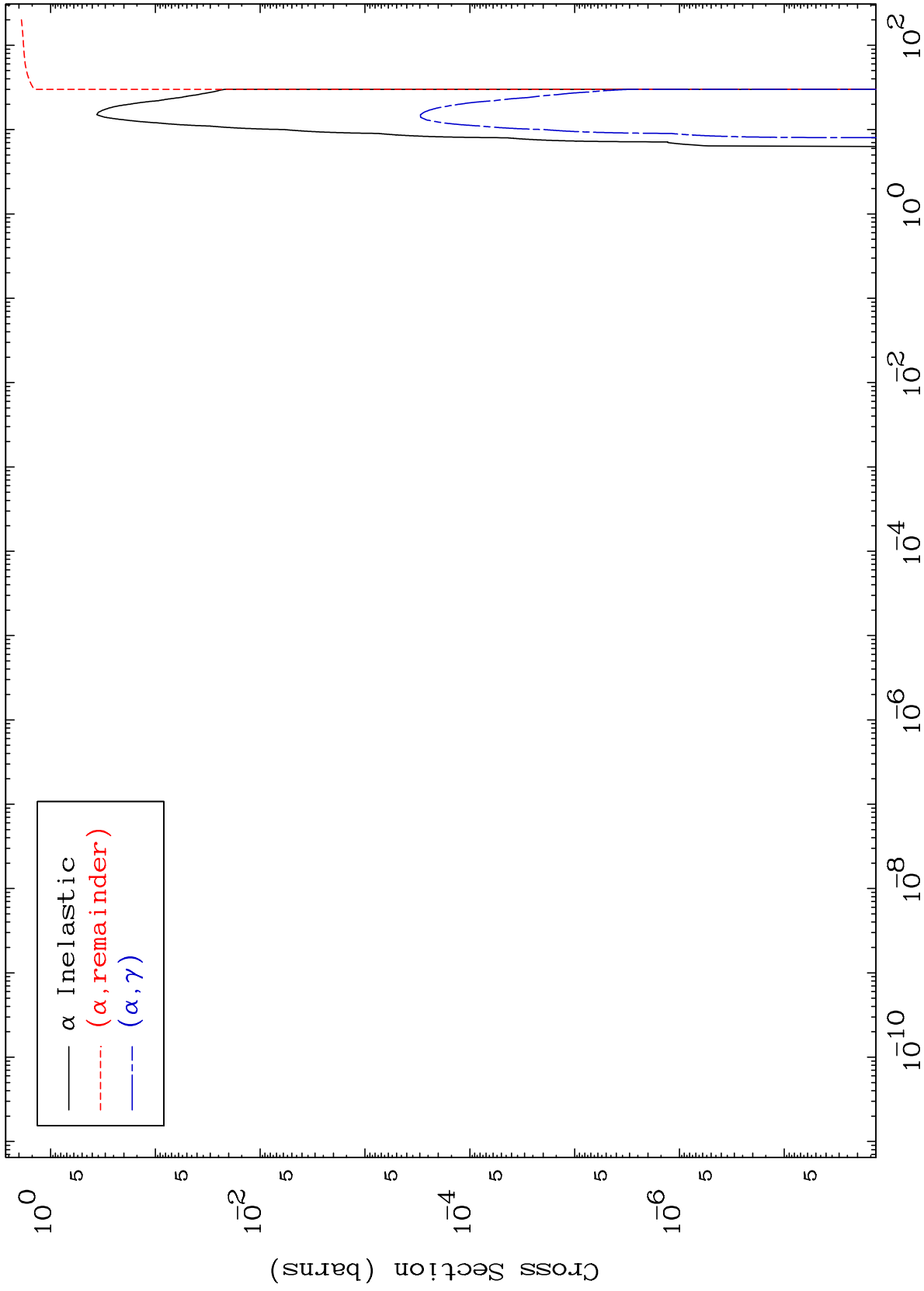
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3919

0 Kelvin α Major
Cross Sections

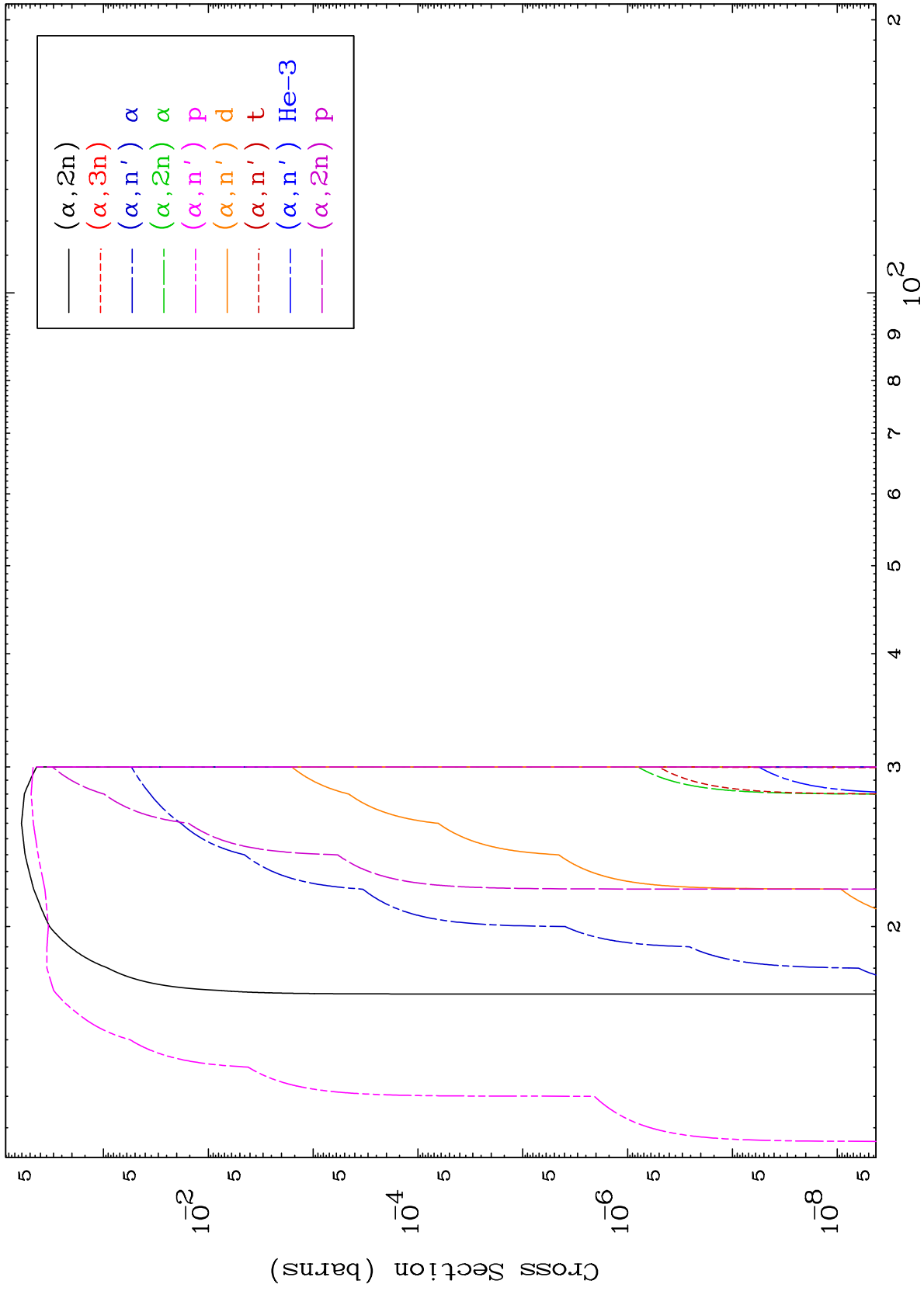
39-Y -87



1

Incident Energy (MeV)

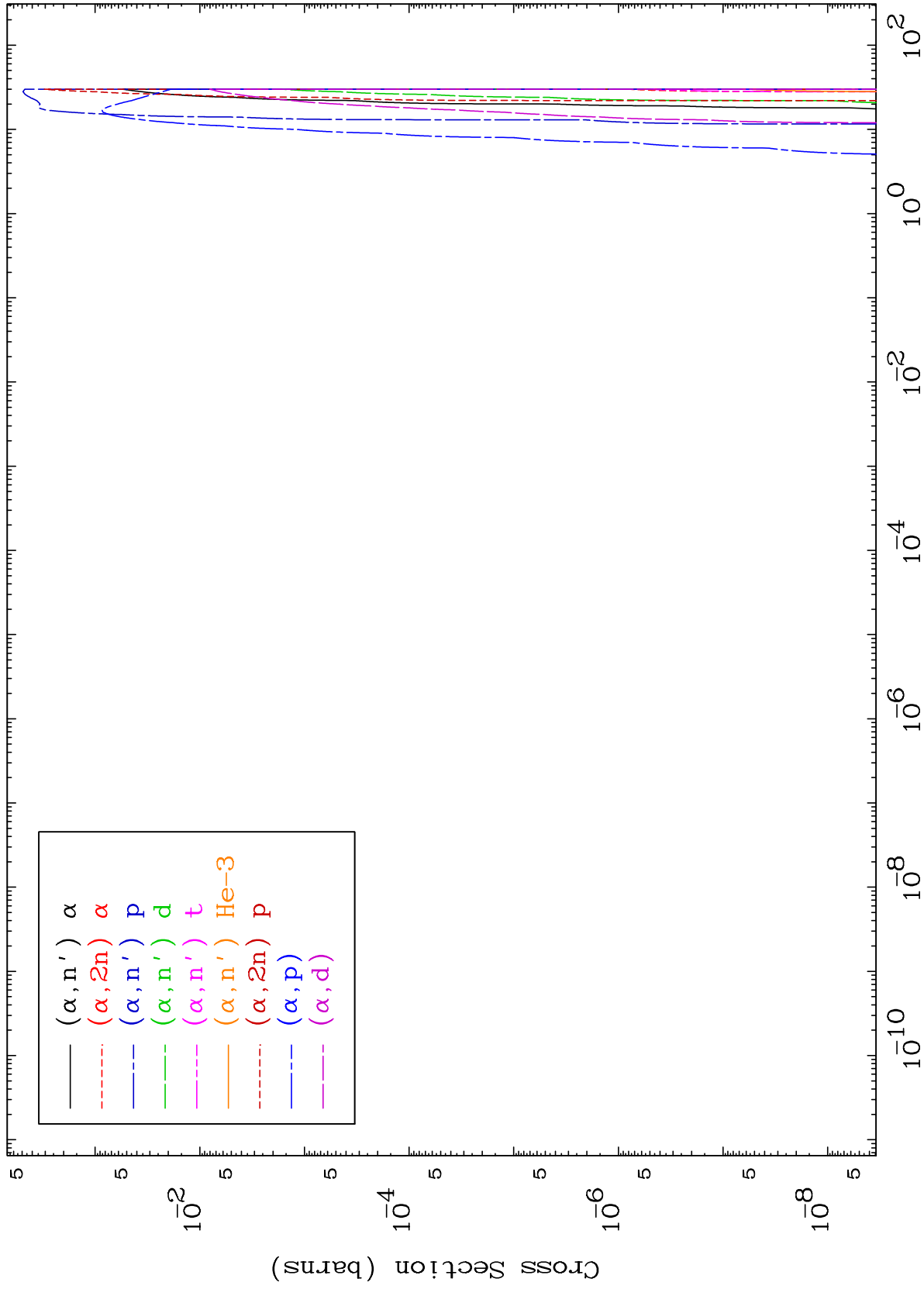
39-Y -87



MAT 3919

α Charged Particle
0 Kelvin Cross Sections

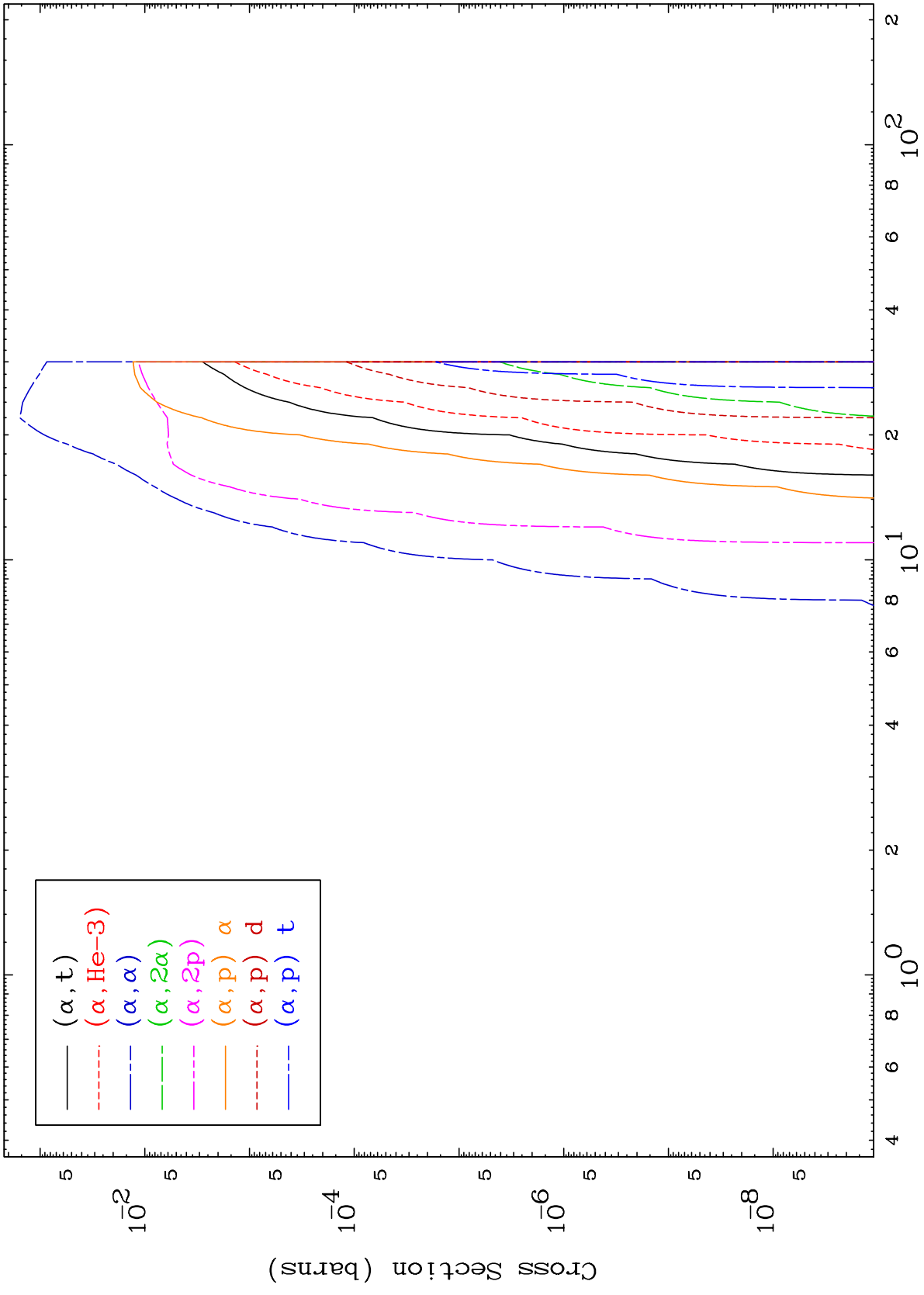
39-Y -87



3

Incident Energy (MeV)

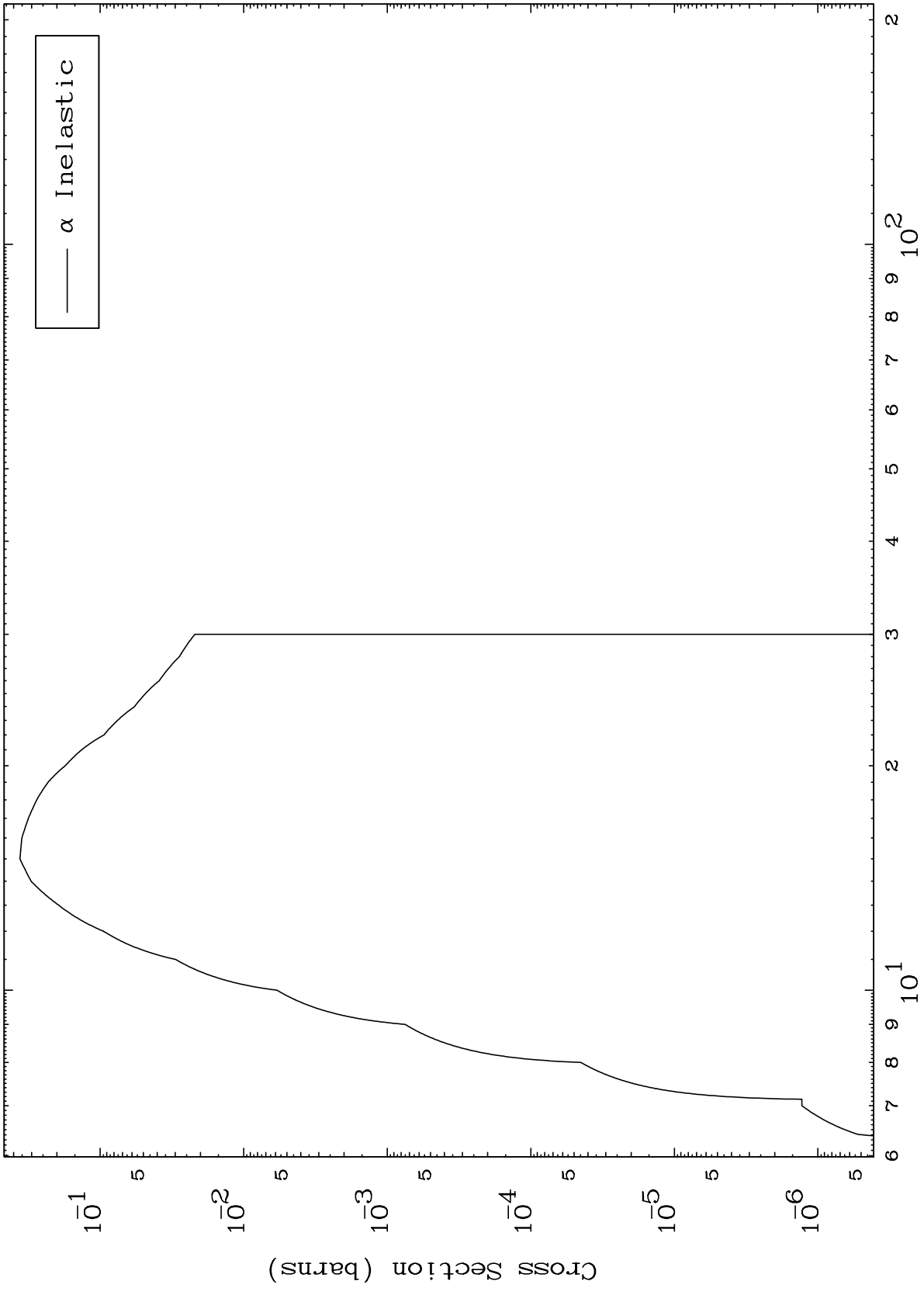
39-Y -87



MAT 3919

(α, n') Level
0 Kelvin Cross Sections

39-Y -87



— α Inelastic

5

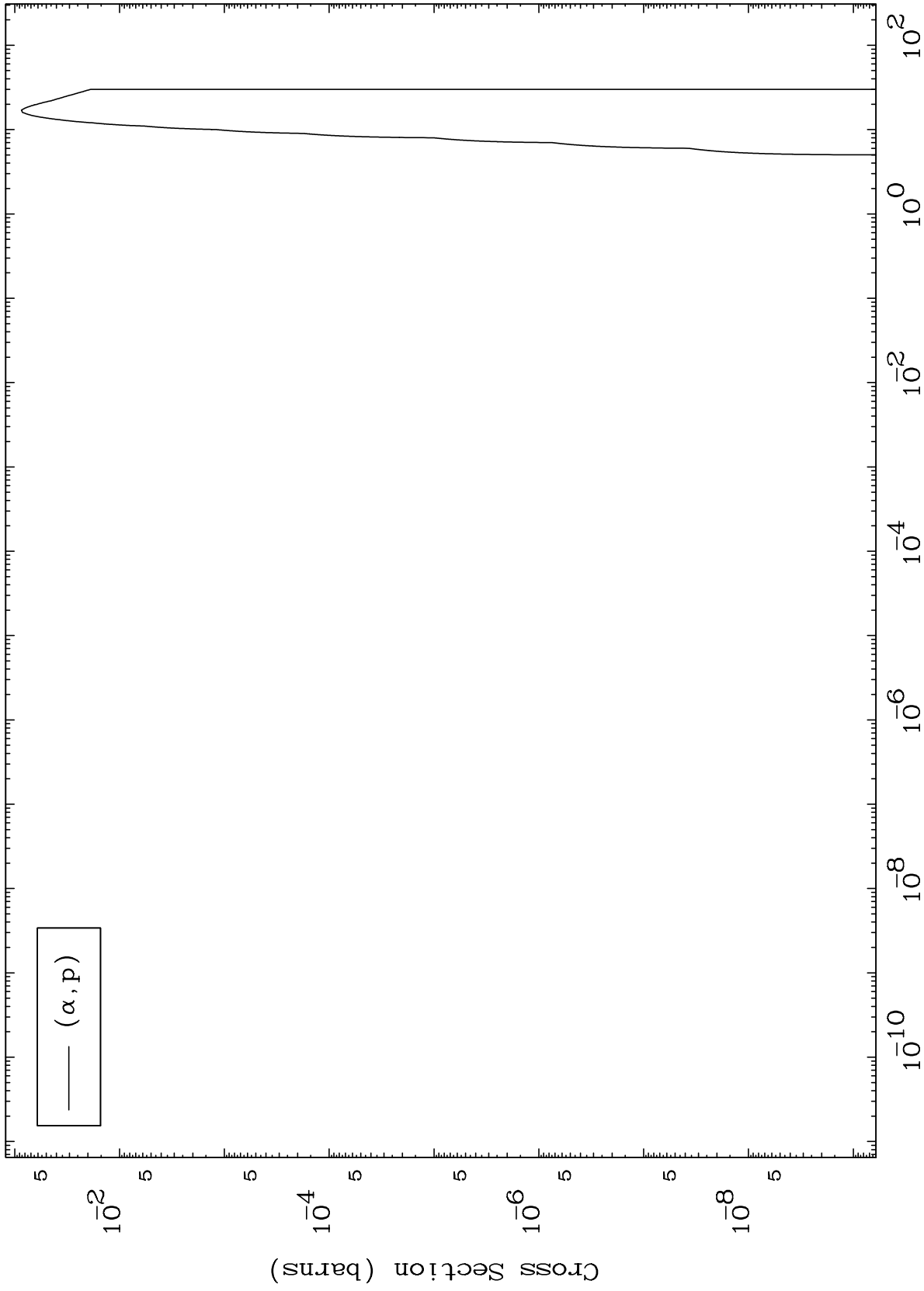
Incident Energy (MeV)

39-Y -87

MAT 3919

(α, p) Levels
0 Kelvin Cross Sections

39-Y -87



6

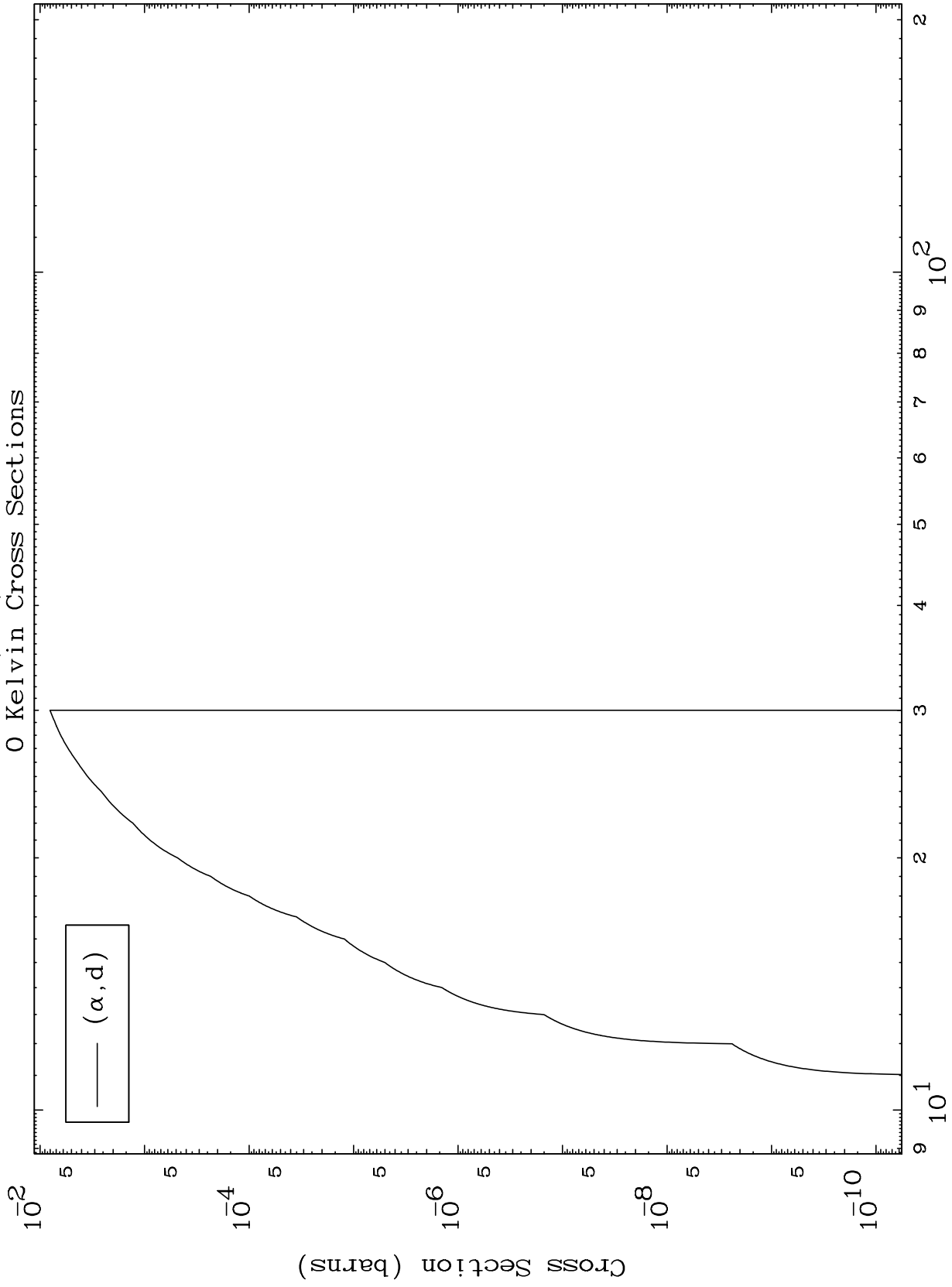
Incident Energy (MeV)

39-Y -87

MAT 3919

(α, d) Levels
0 Kelvin Cross Sections

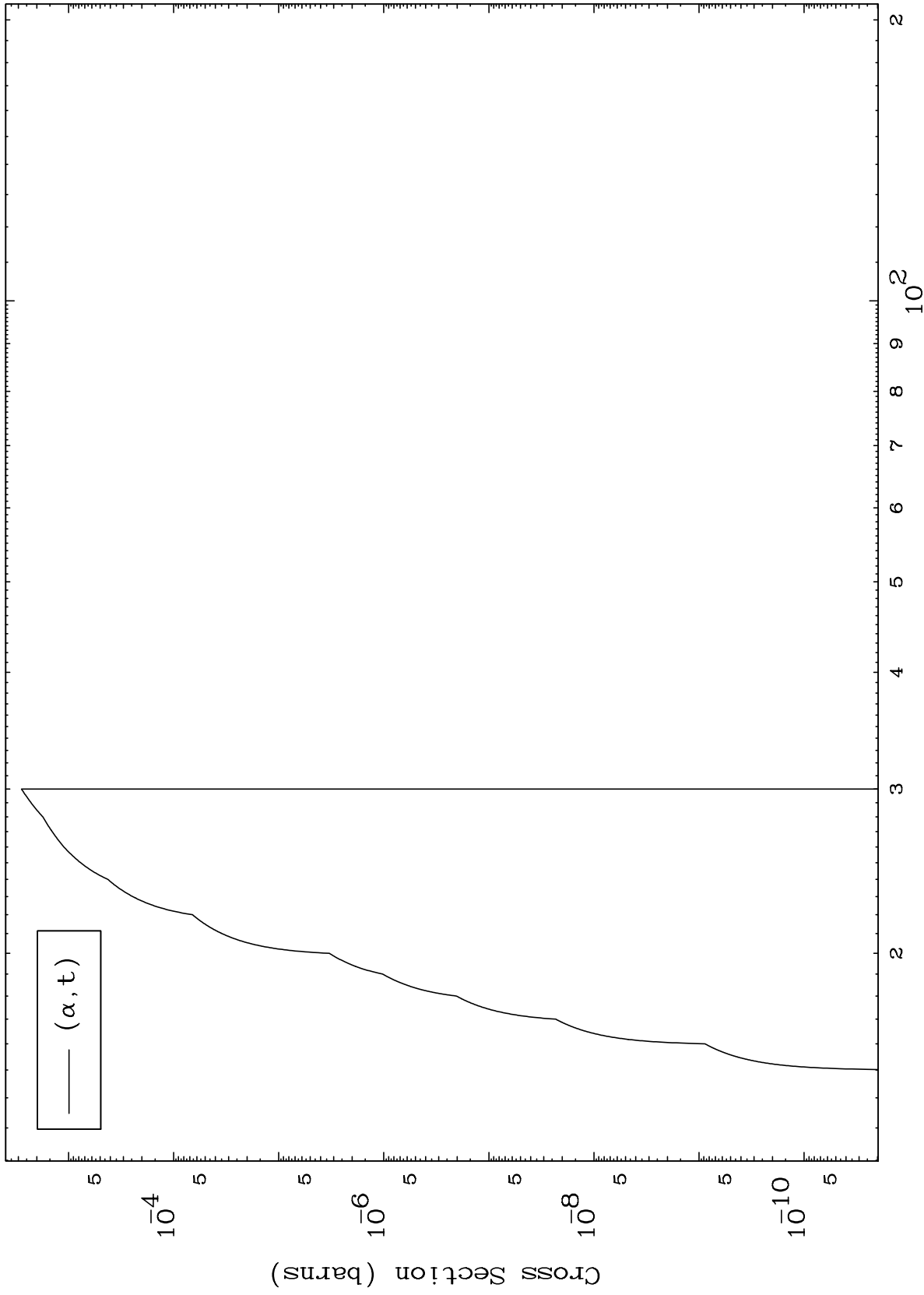
39-Y -87

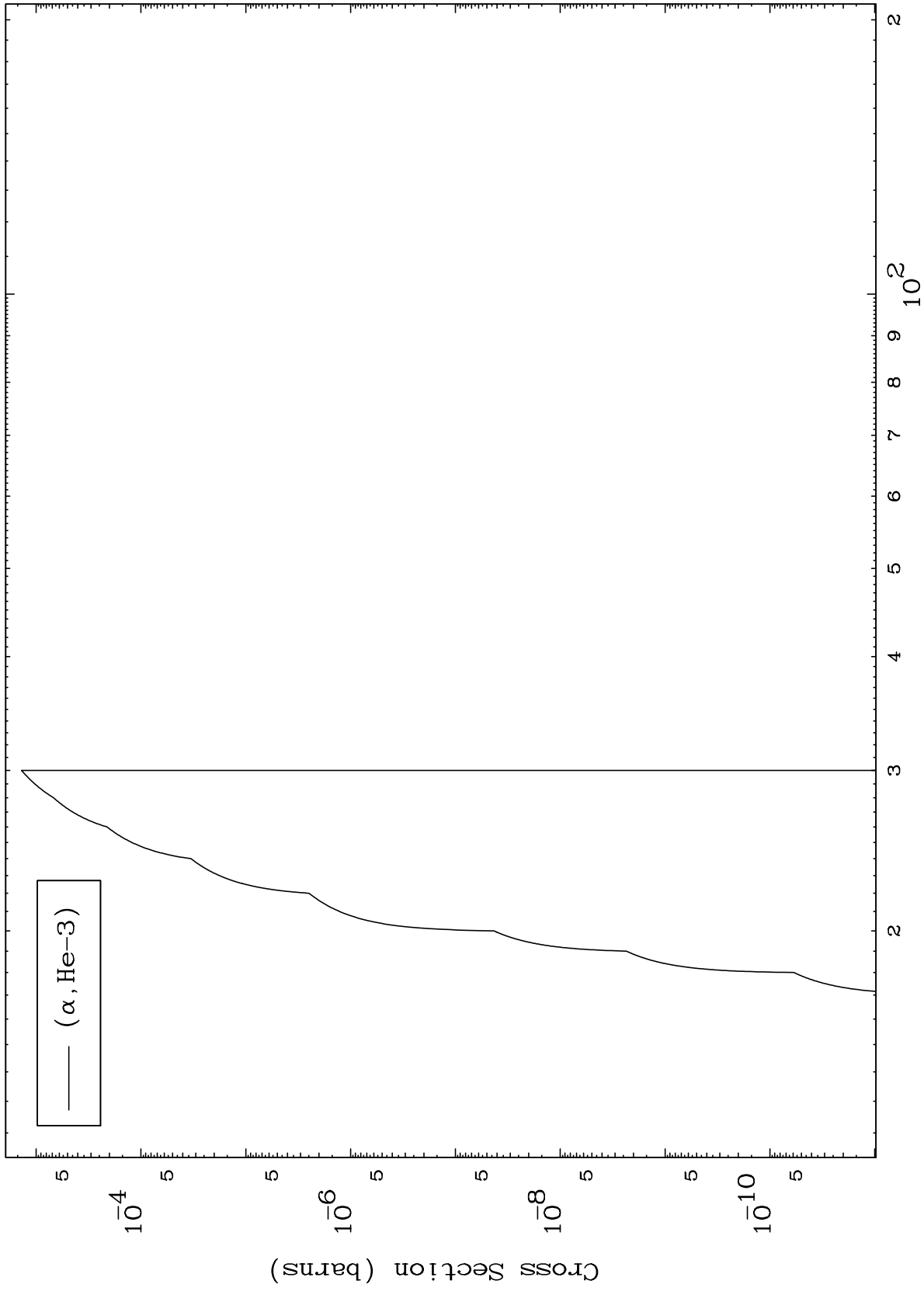


7

Incident Energy (MeV)

39-Y -87

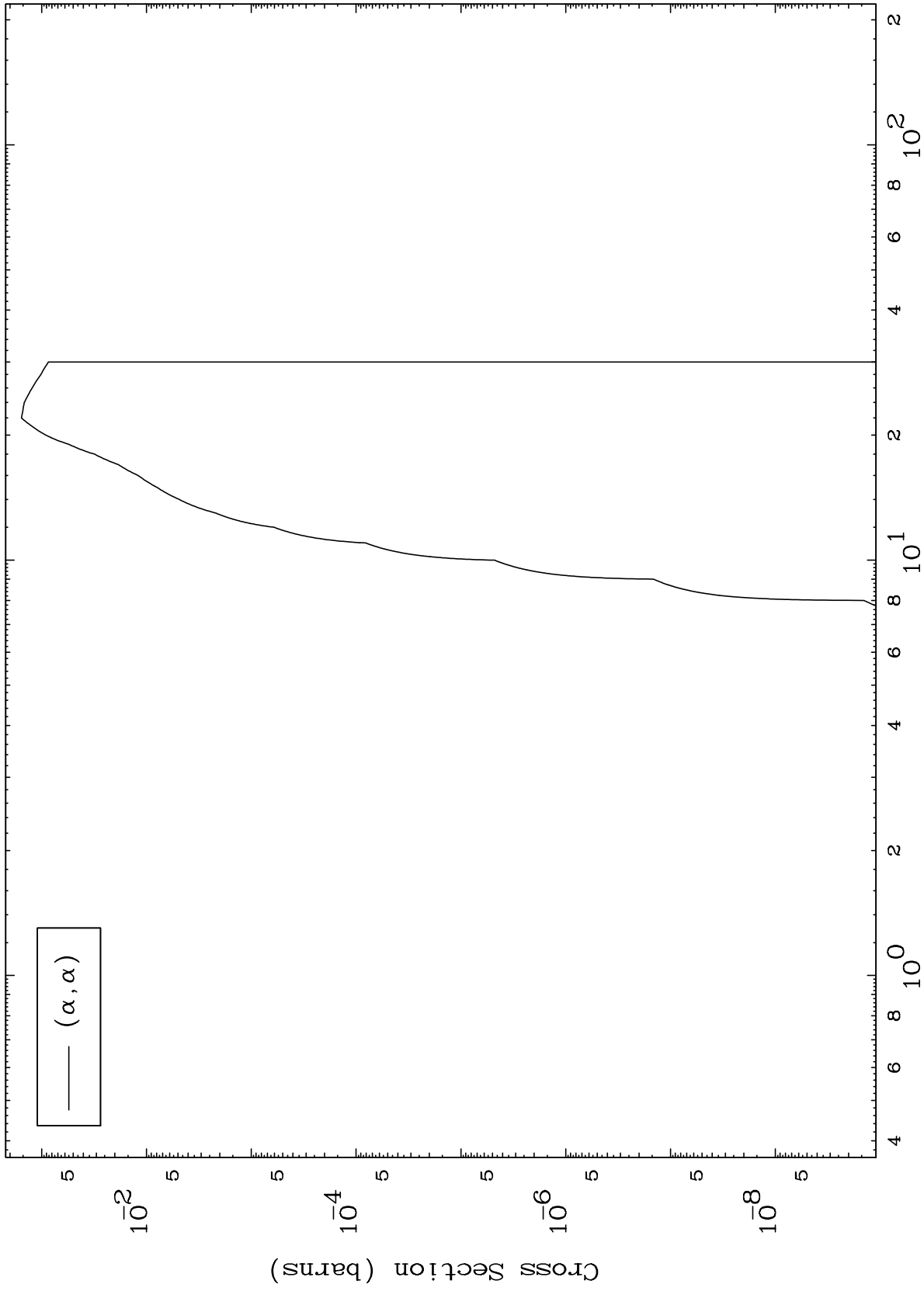




MAT 3919

(α, α) Levels
0 Kelvin Cross Sections

39-Y -87



10

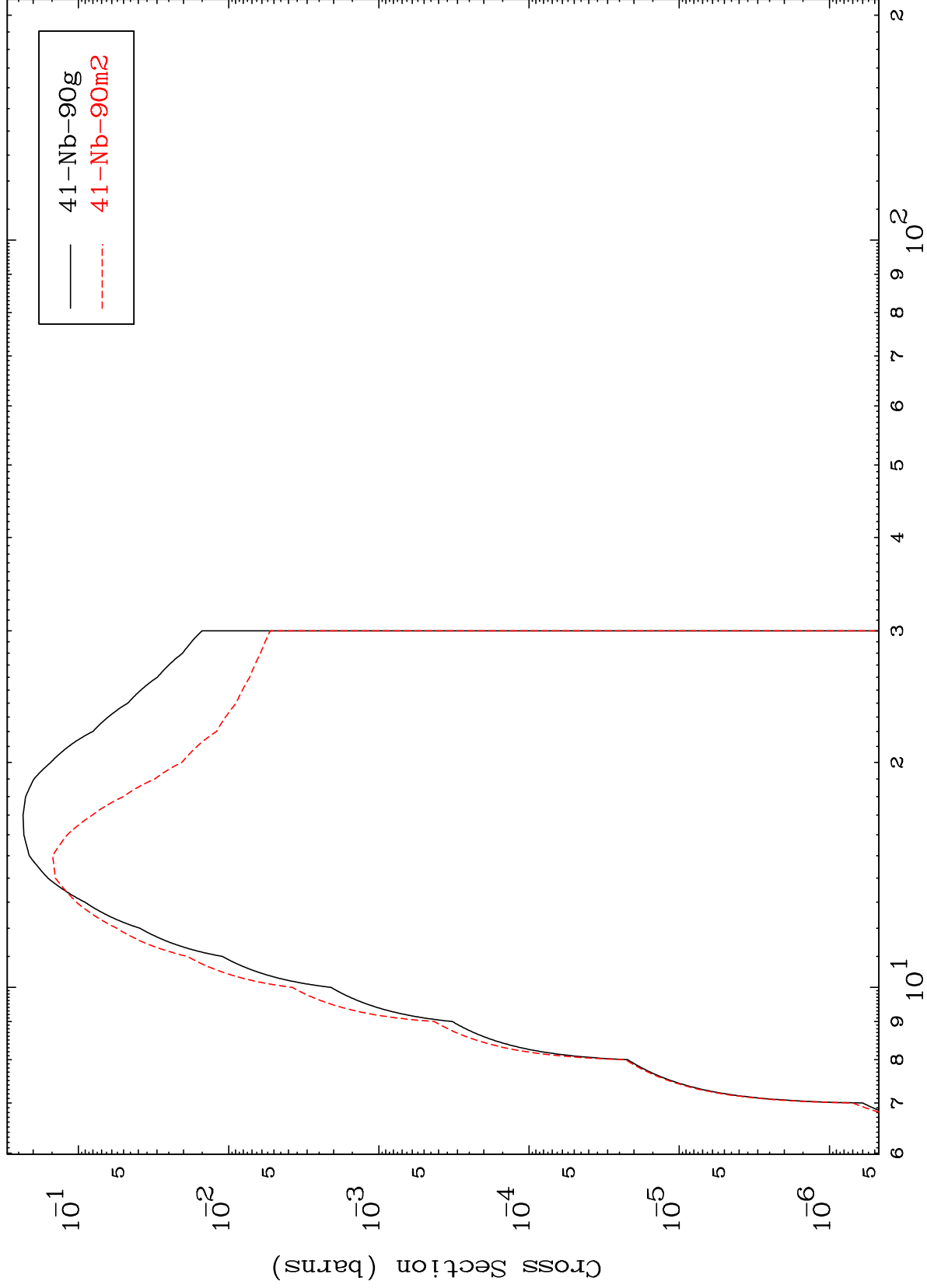
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

α Inelastic Radionuclide Production Cross Section



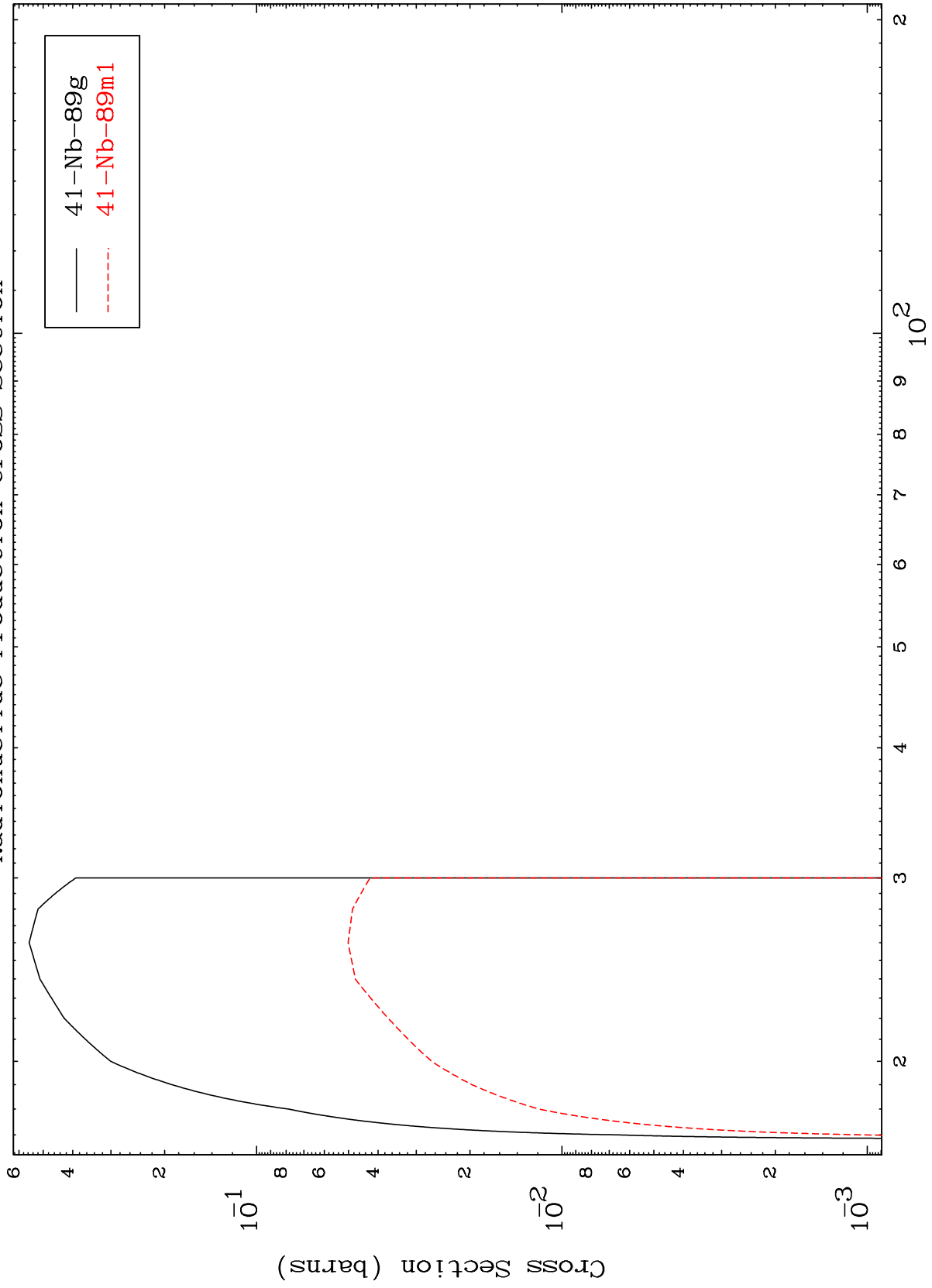
11

39-Y -87

MAT 3919

39-Y -87

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



41-Nb-89g
41-Nb-89m1

12

Incident Energy (MeV)

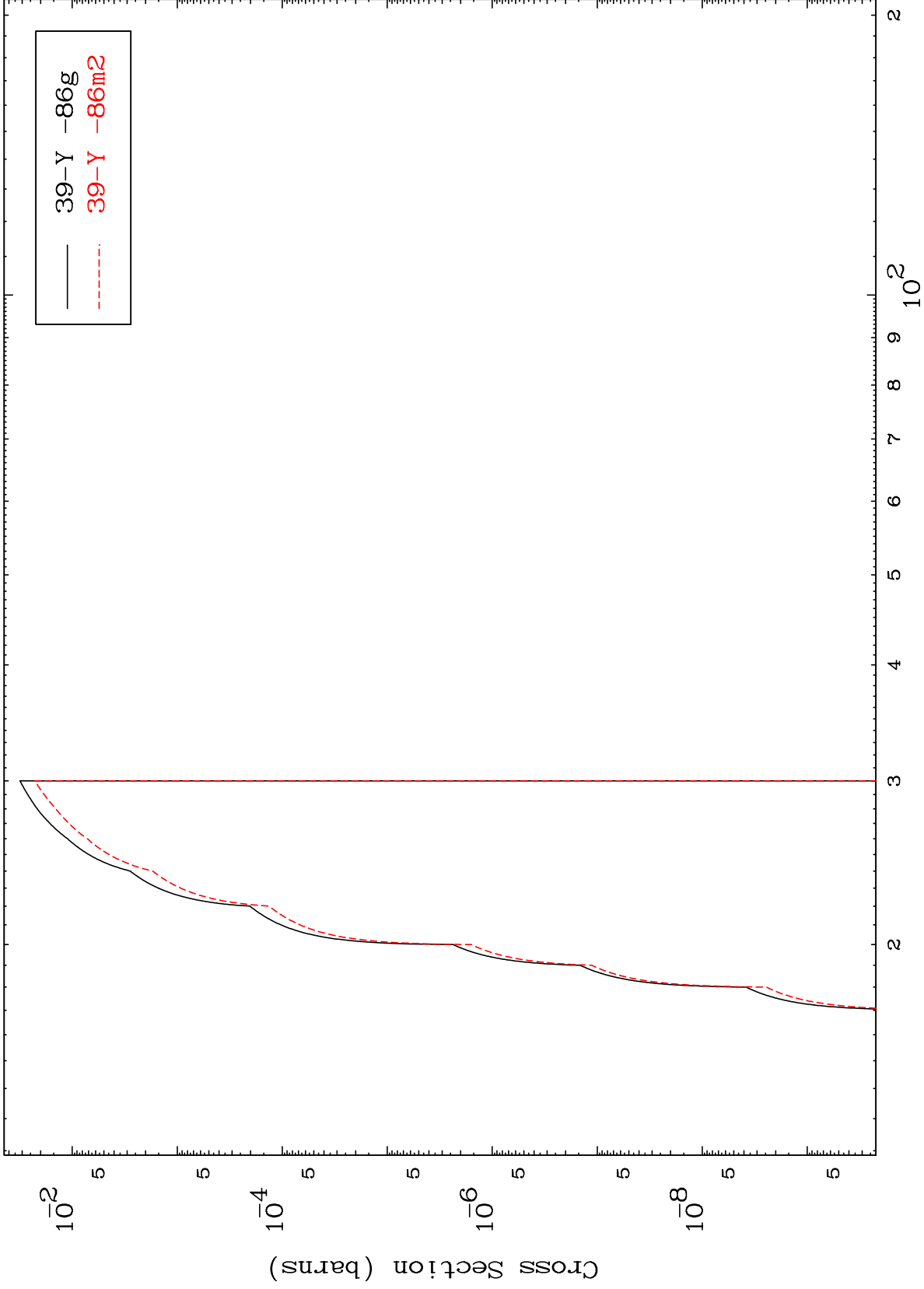
39-Y -87

MAT 3919

(α, n') α

39-Y -87

Radionuclide Production Cross Section



13

Incident Energy (MeV)

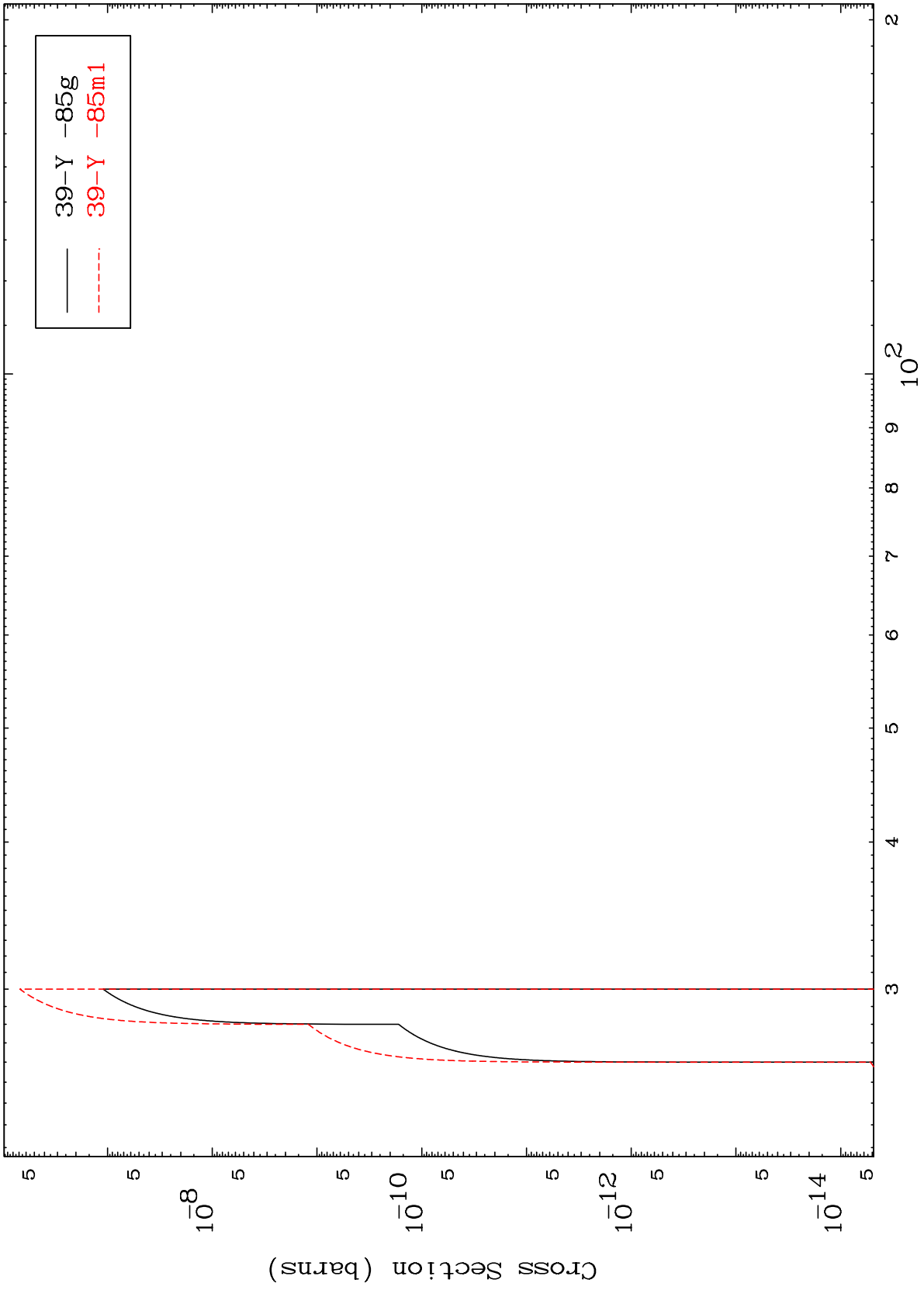
39-Y -87

MAT 3919

($\alpha, 2n$) α

39-Y -87

Radionuclide Production Cross Section



14

Incident Energy (MeV)

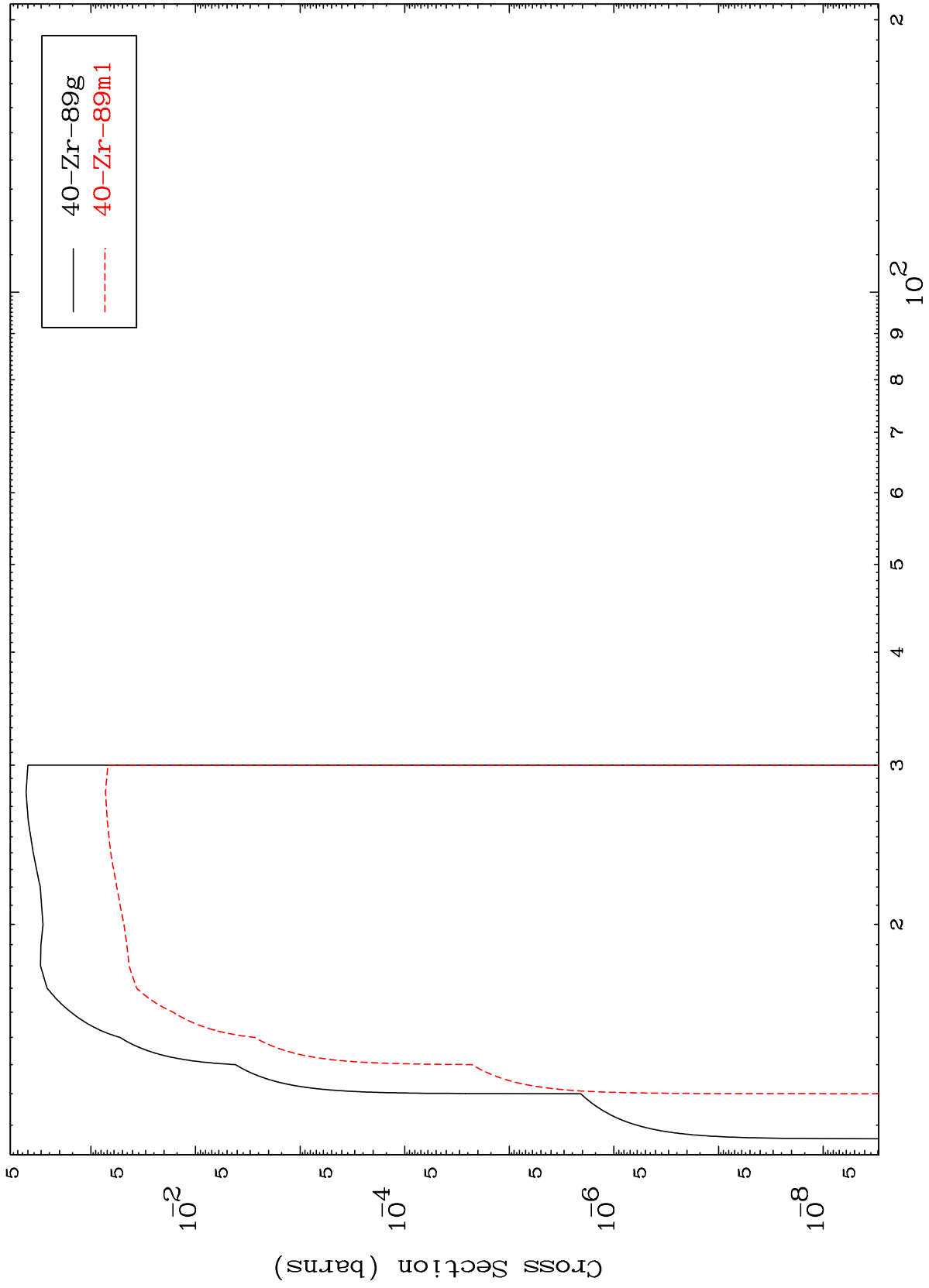
39-Y -87

MAT 3919

(α, n') p

39-Y -87

Radionuclide Production Cross Section



15

Incident Energy (MeV)

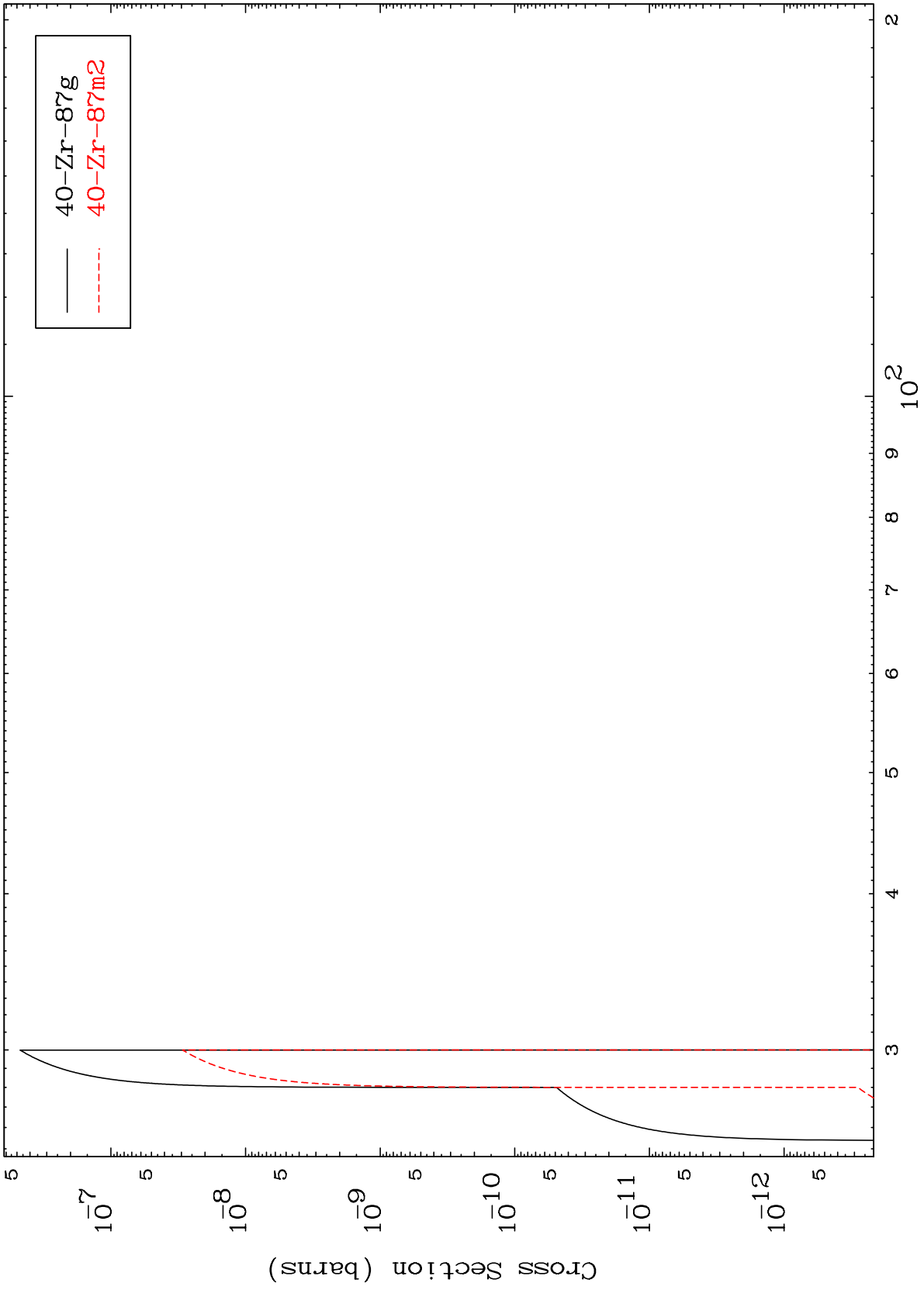
39-Y -87

MAT 3919

(α, n') t

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

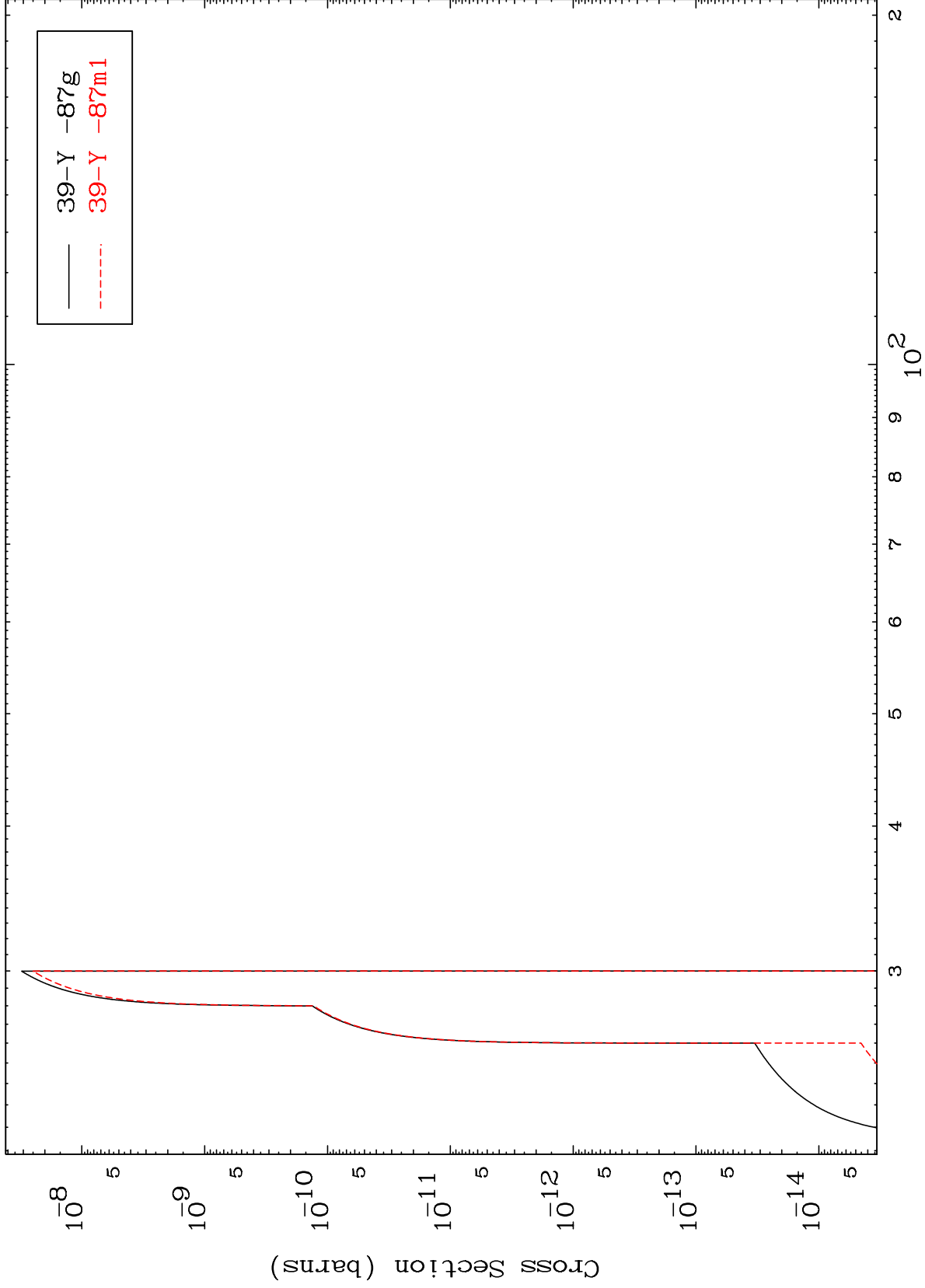
39-Y -87

MAT 3919

(α, n') He-3

39-Y -87

Radionuclide Production Cross Section



17

Incident Energy (MeV)

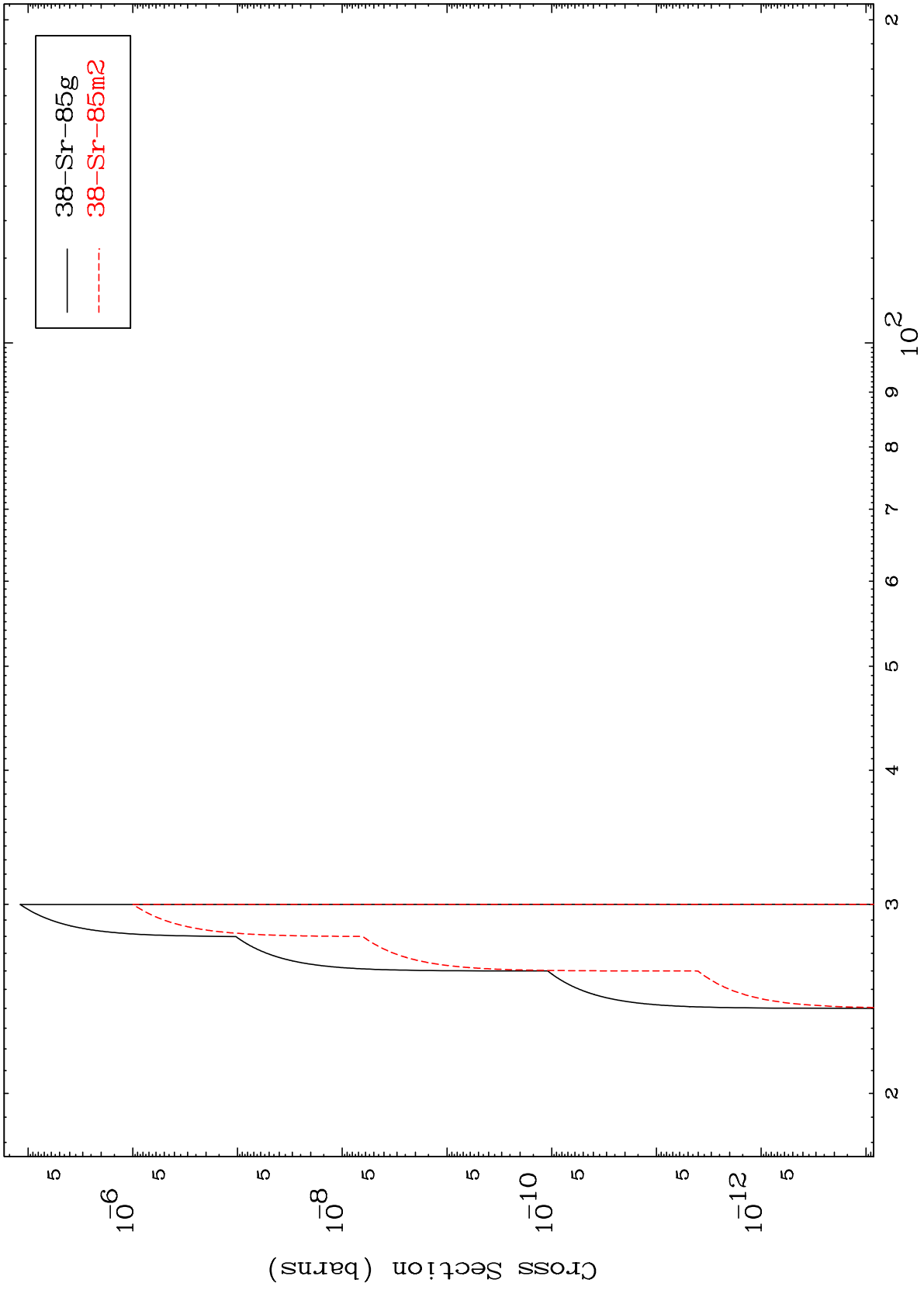
39-Y -87

MAT 3919

(α, n') p α

39-Y -87

Radionuclide Production Cross Section



18

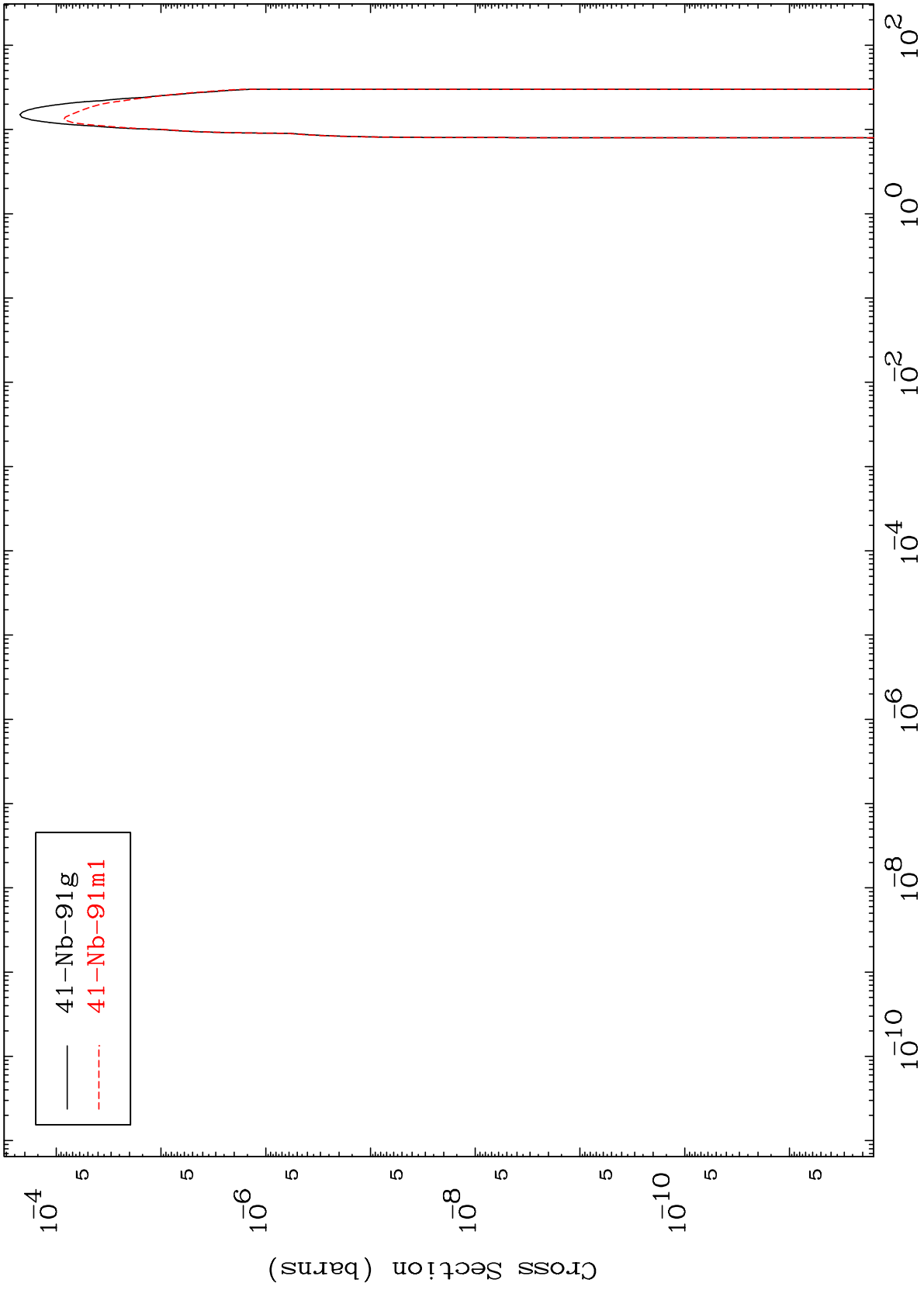
Incident Energy (MeV)

39-Y -87

MAT 3919

Radionuclide Production Cross Section
(α, γ)

39-Y -87



19

Incident Energy (MeV)

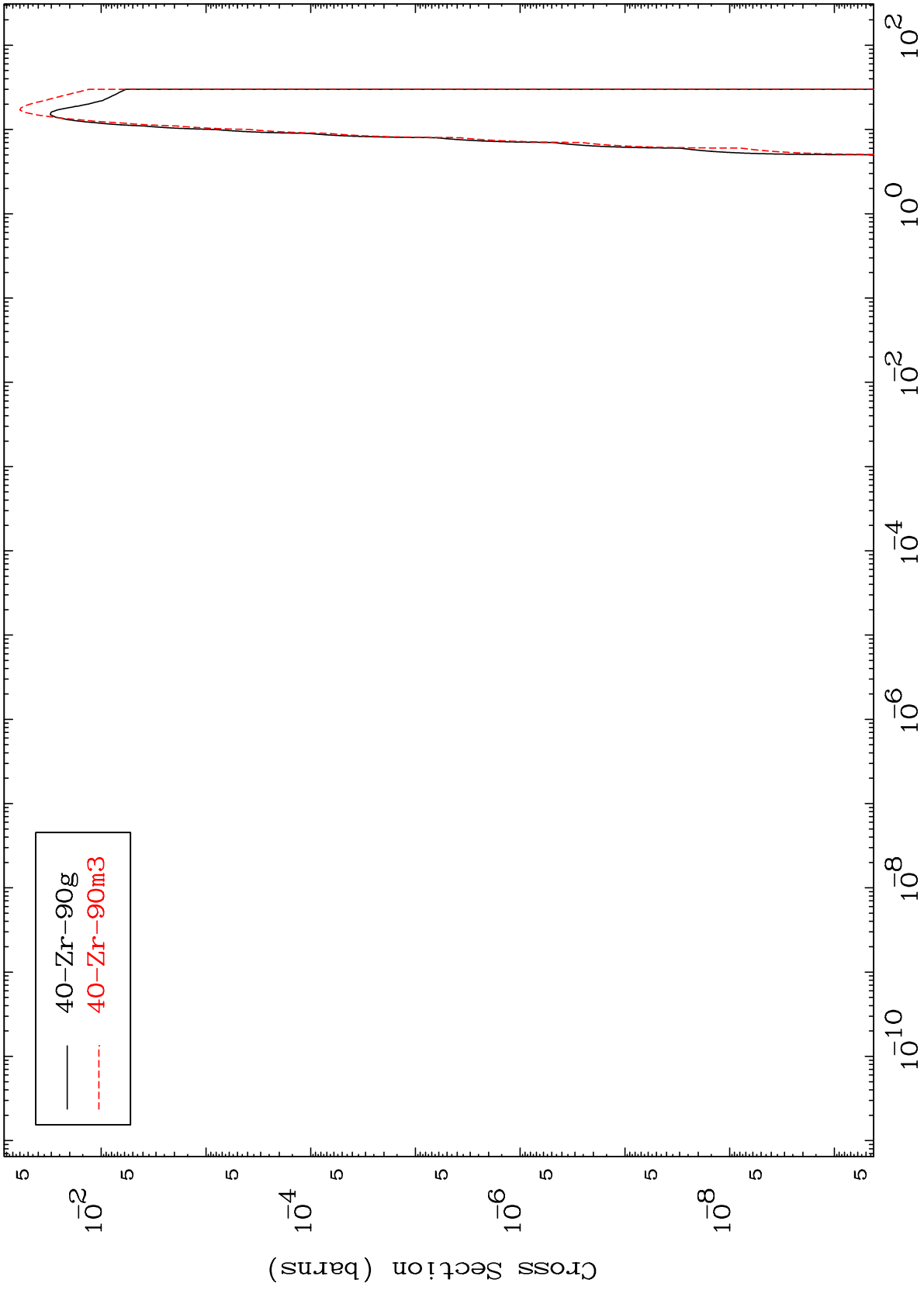
39-Y -87

MAT 3919

(α, p)

39-Y -87

Radionuclide Production Cross Section



— 40-Zr-90g
- - - 40-Zr-90m3

20

Incident Energy (MeV)

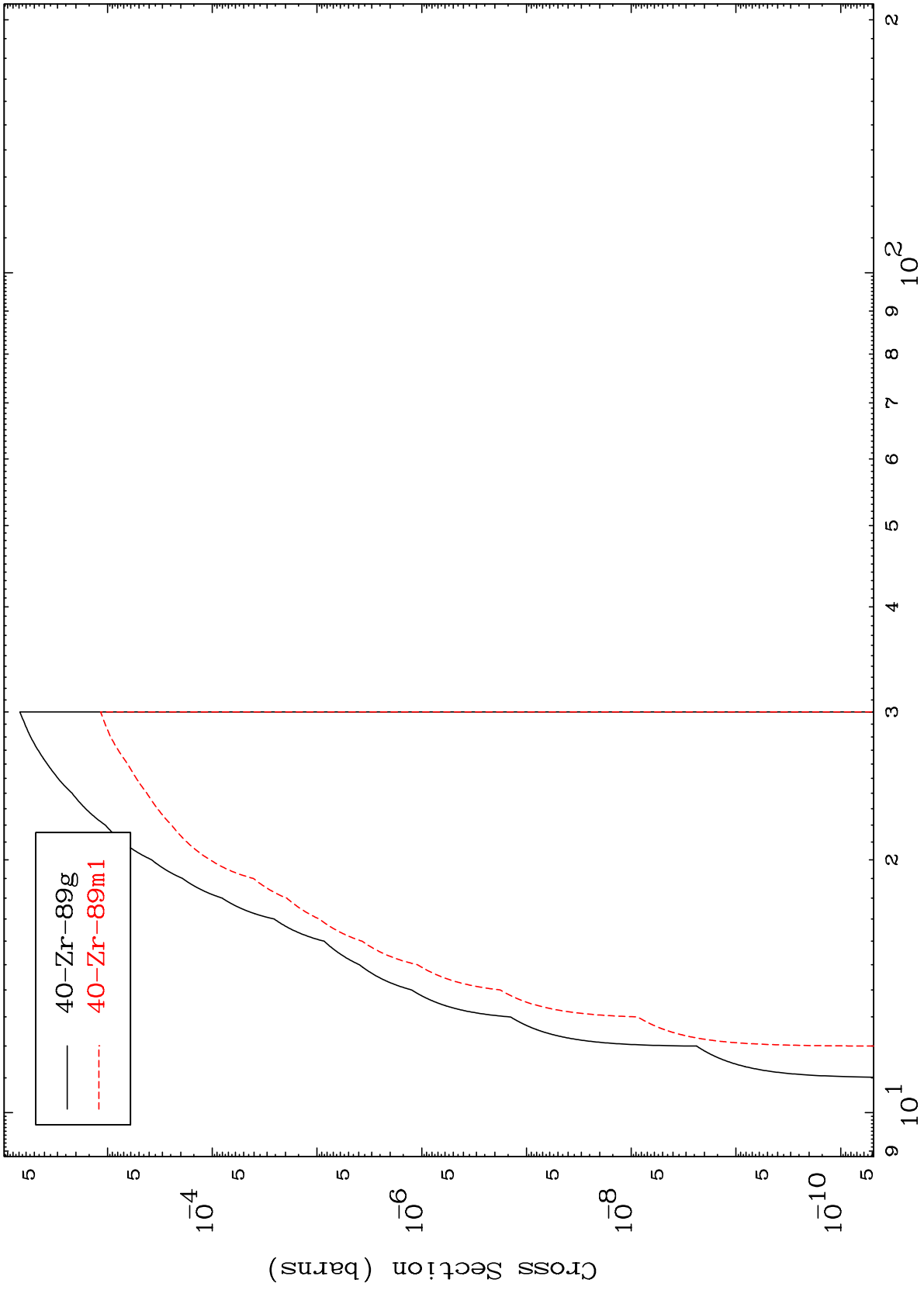
39-Y -87

MAT 3919

(α, d)

39-Y -87

Radionuclide Production Cross Section



21

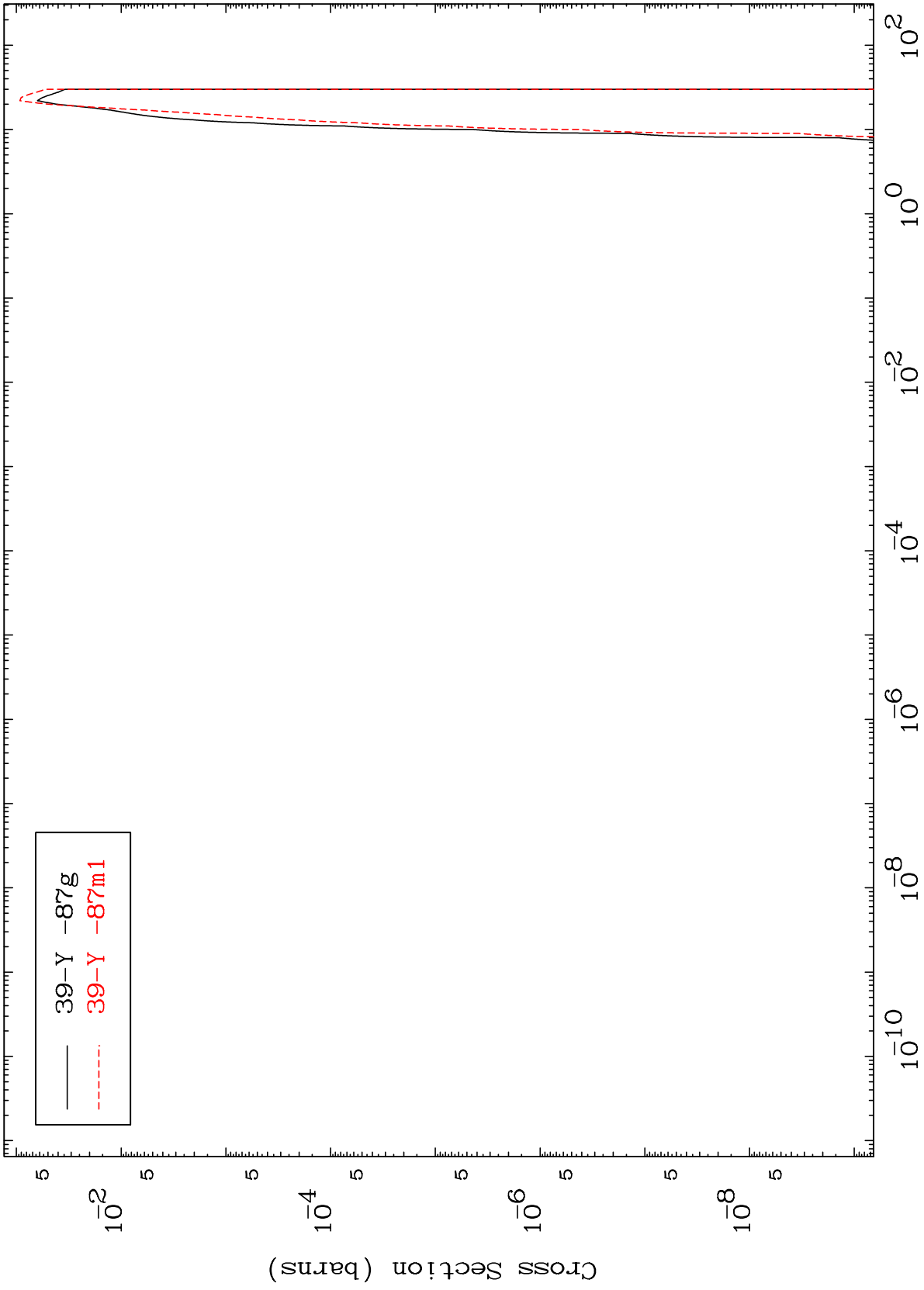
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

(α, α)
Radionuclide Production Cross Section



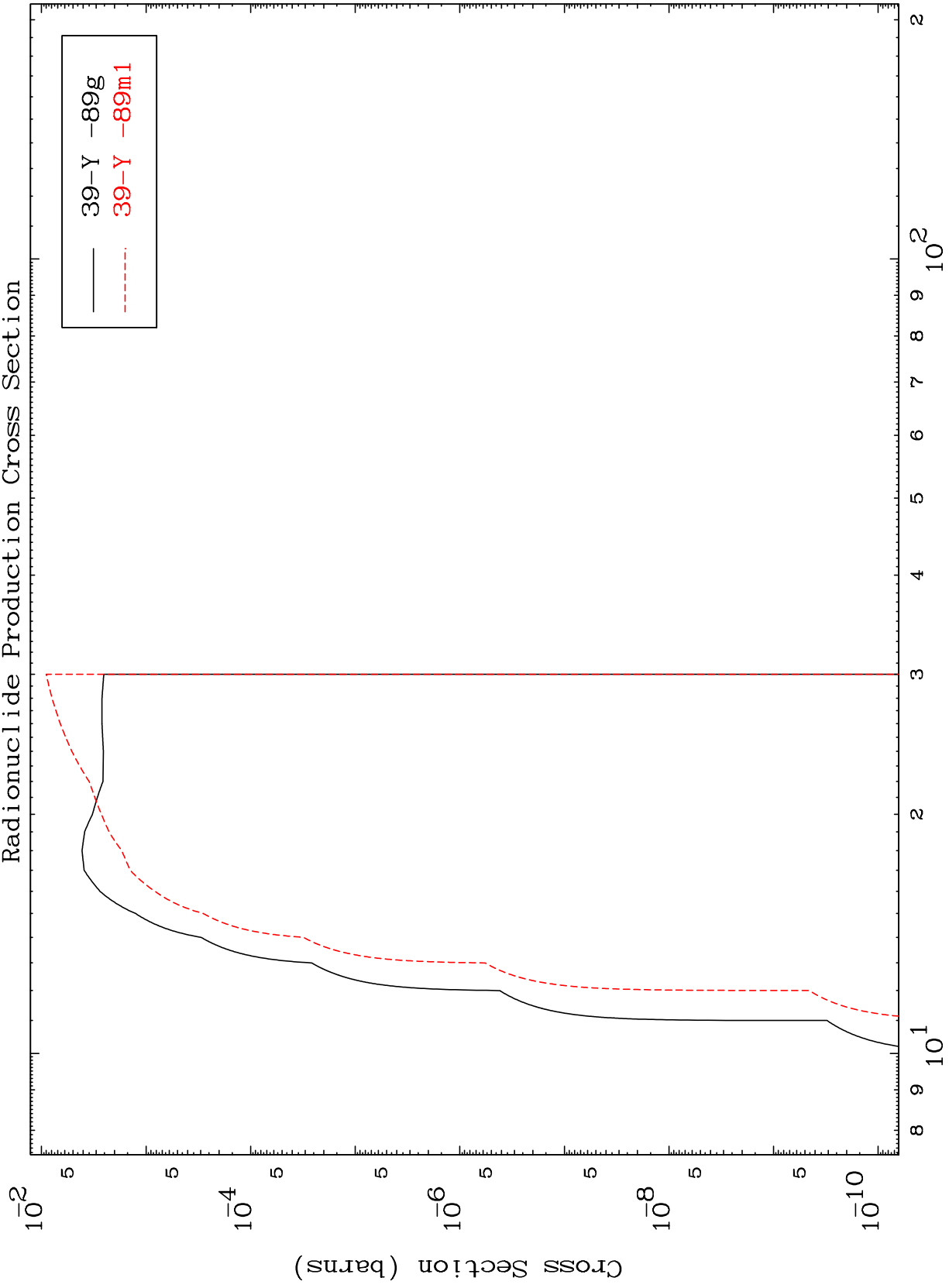
22

39-Y -87

MAT 3919

39-Y -87

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



23

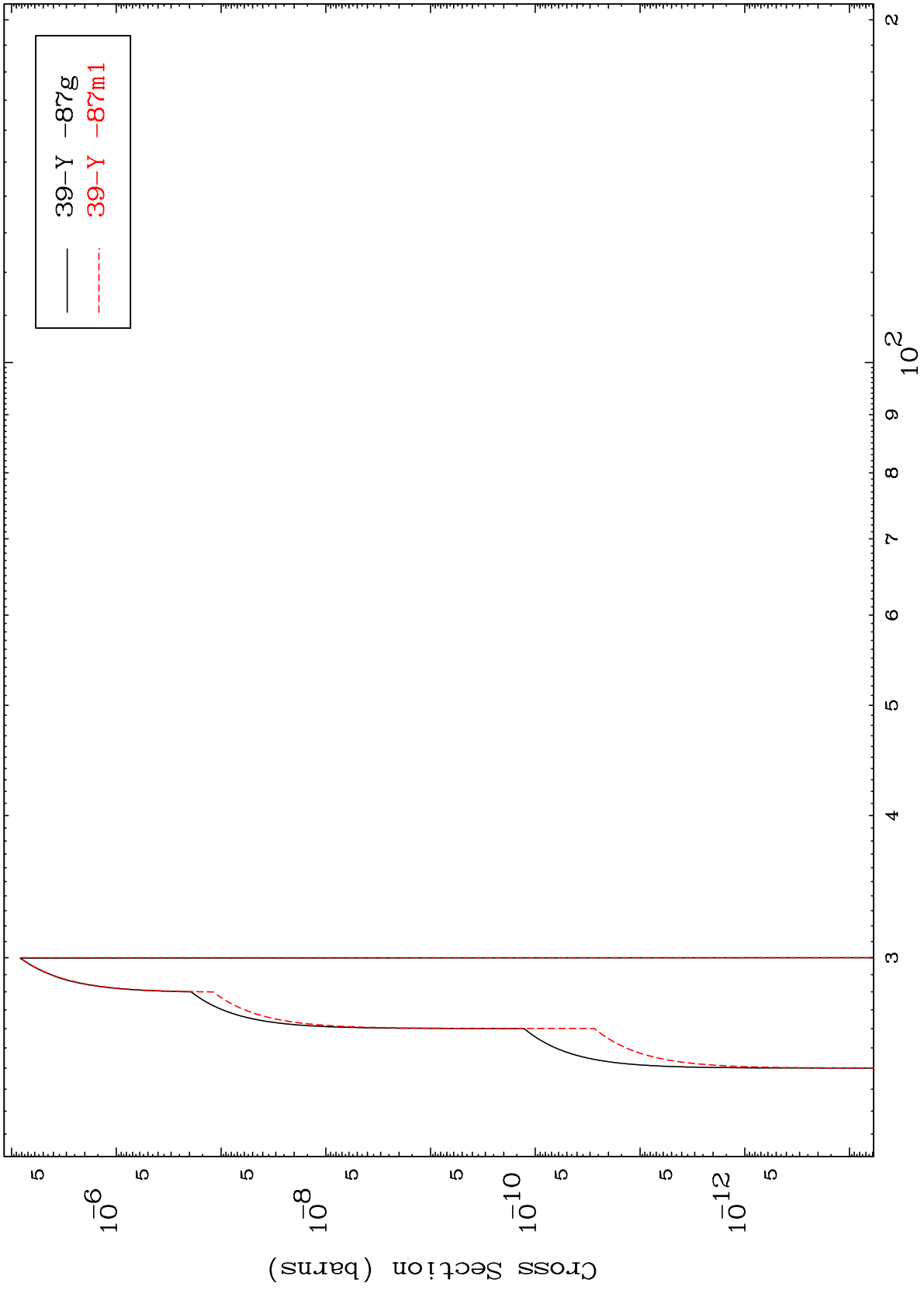
39-Y -87

MAT 3919

(α, p) t

39-Y -87

Radionuclide Production Cross Section



24

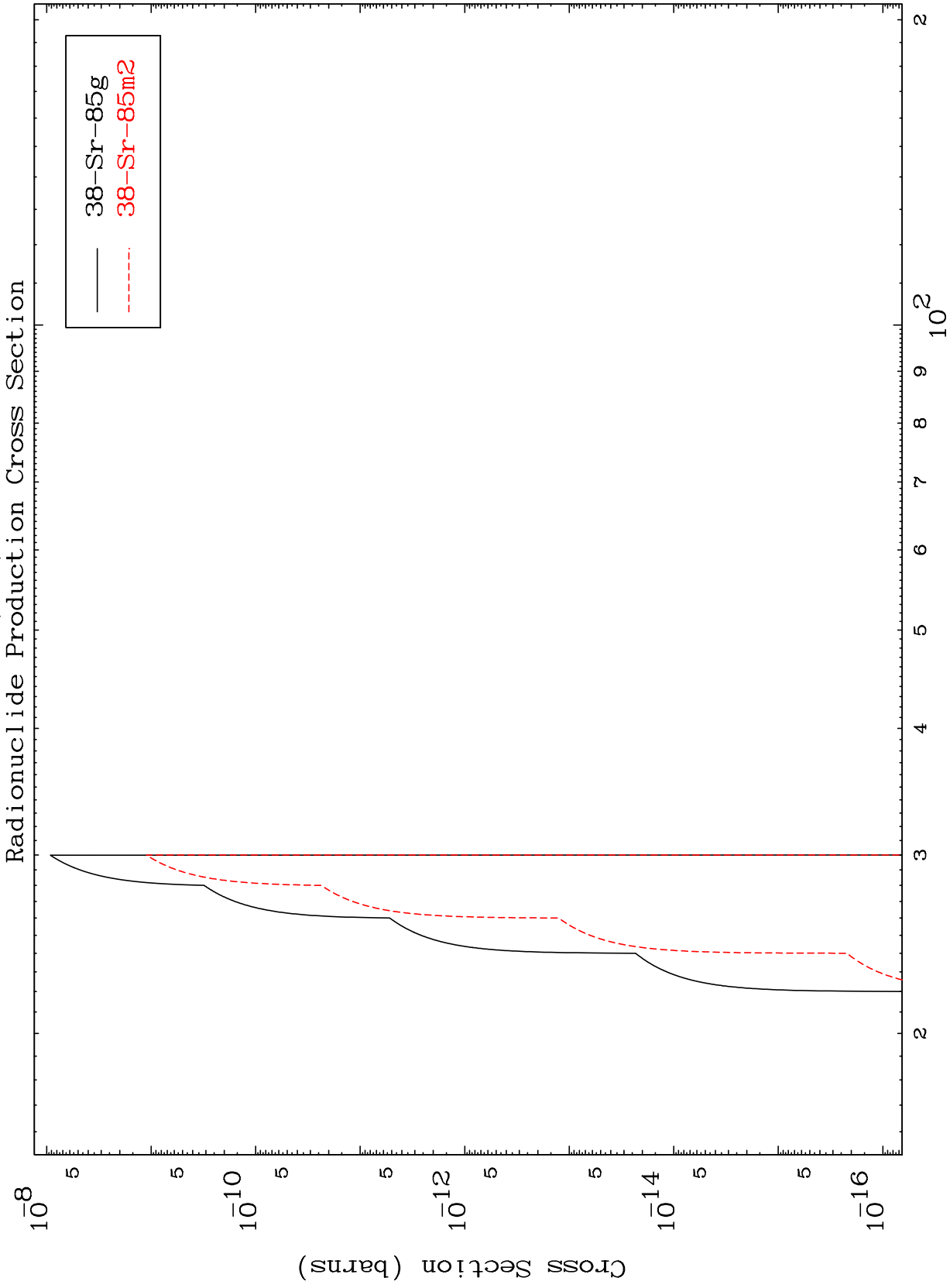
Incident Energy (MeV)

39-Y -87

MAT 3919

(α, d) α

39-Y -87



25

Incident Energy (MeV)

39-Y -87