

Program EVALPLOT
(Version 2018-1)

by

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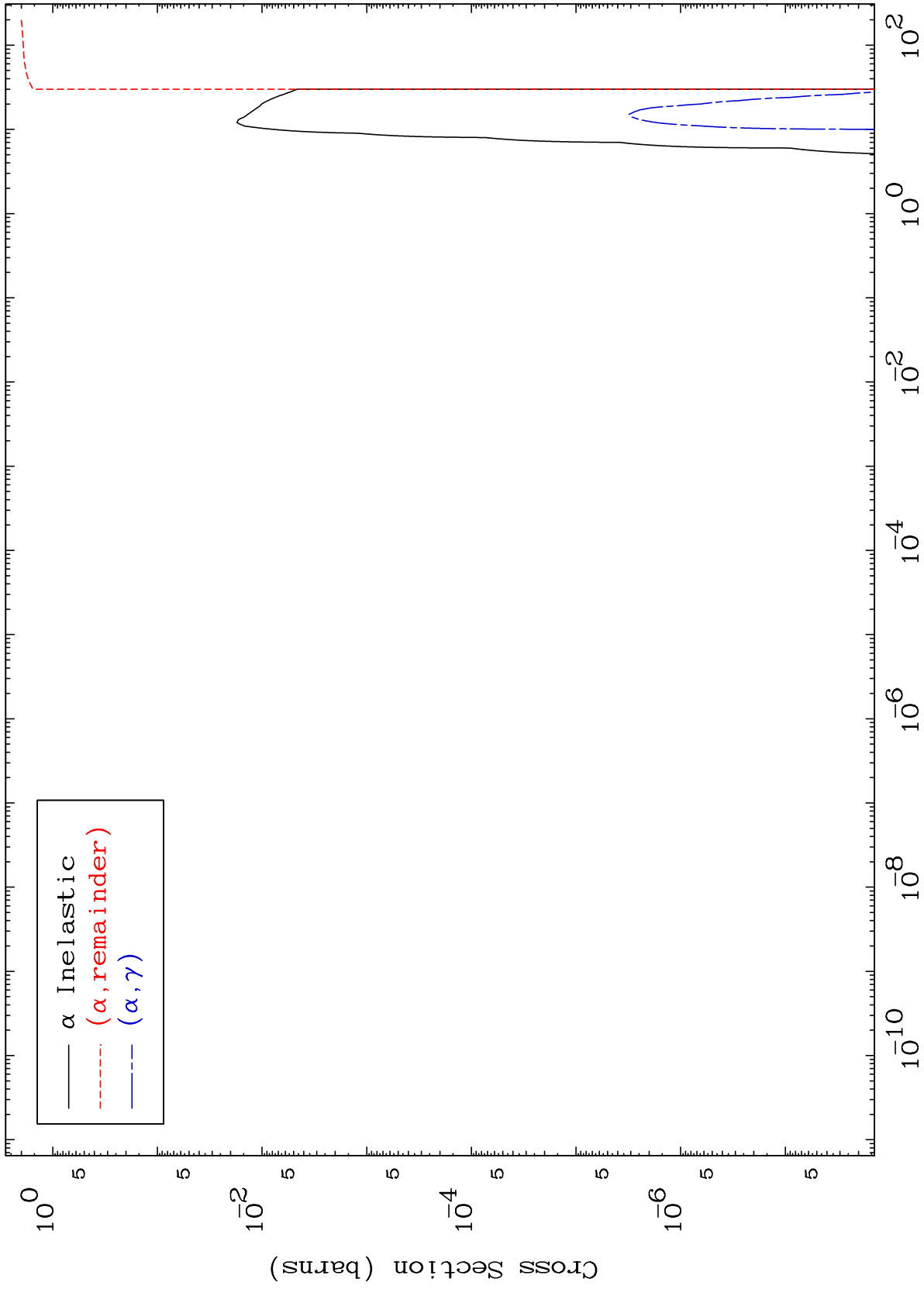
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3947

0 Kelvin α Major
Cross Sections

39-Y -96



1

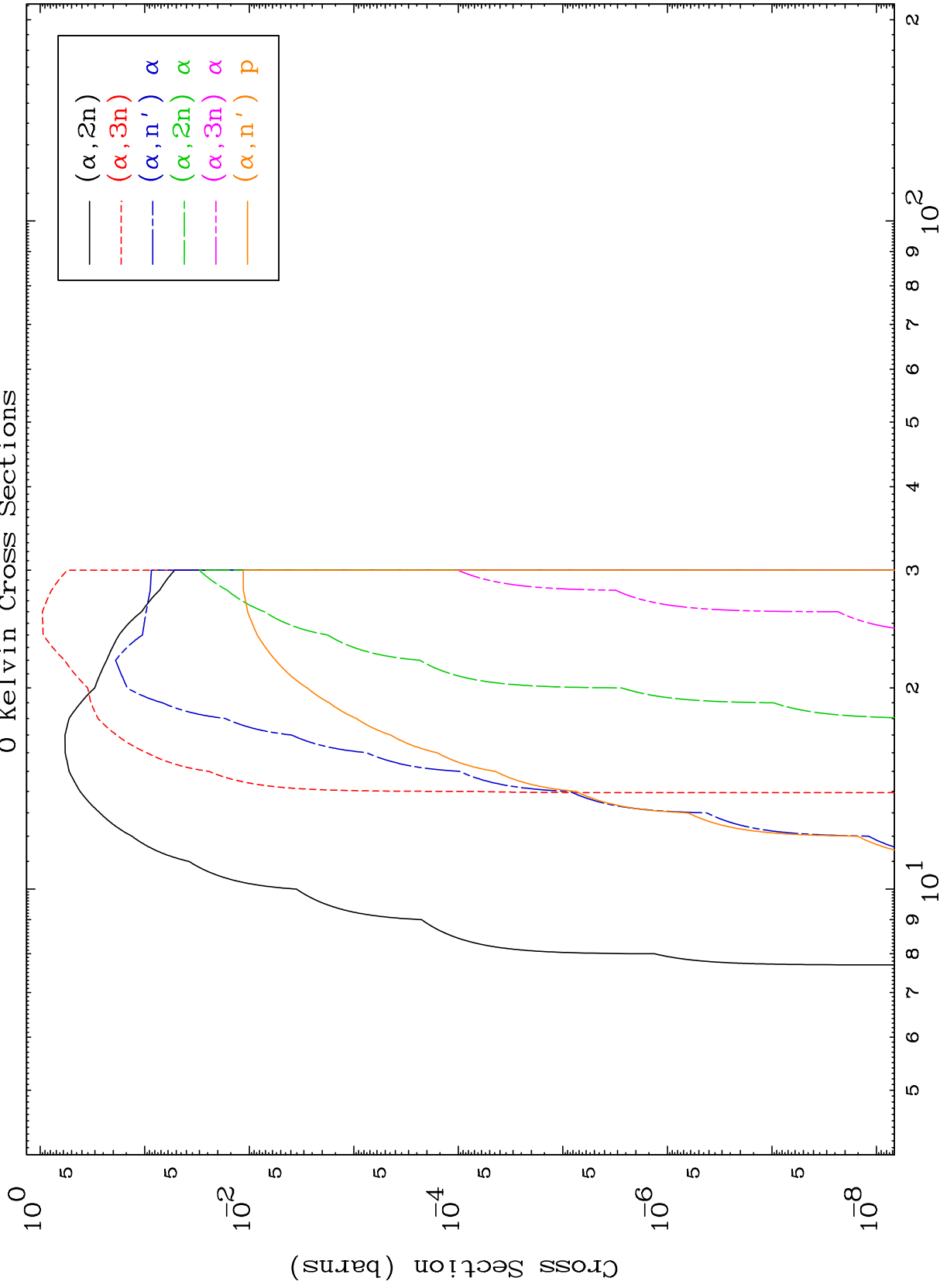
Incident Energy (MeV)

39-Y -96

MAT 3947

α Neutron Production
0 Kelvin Cross Sections

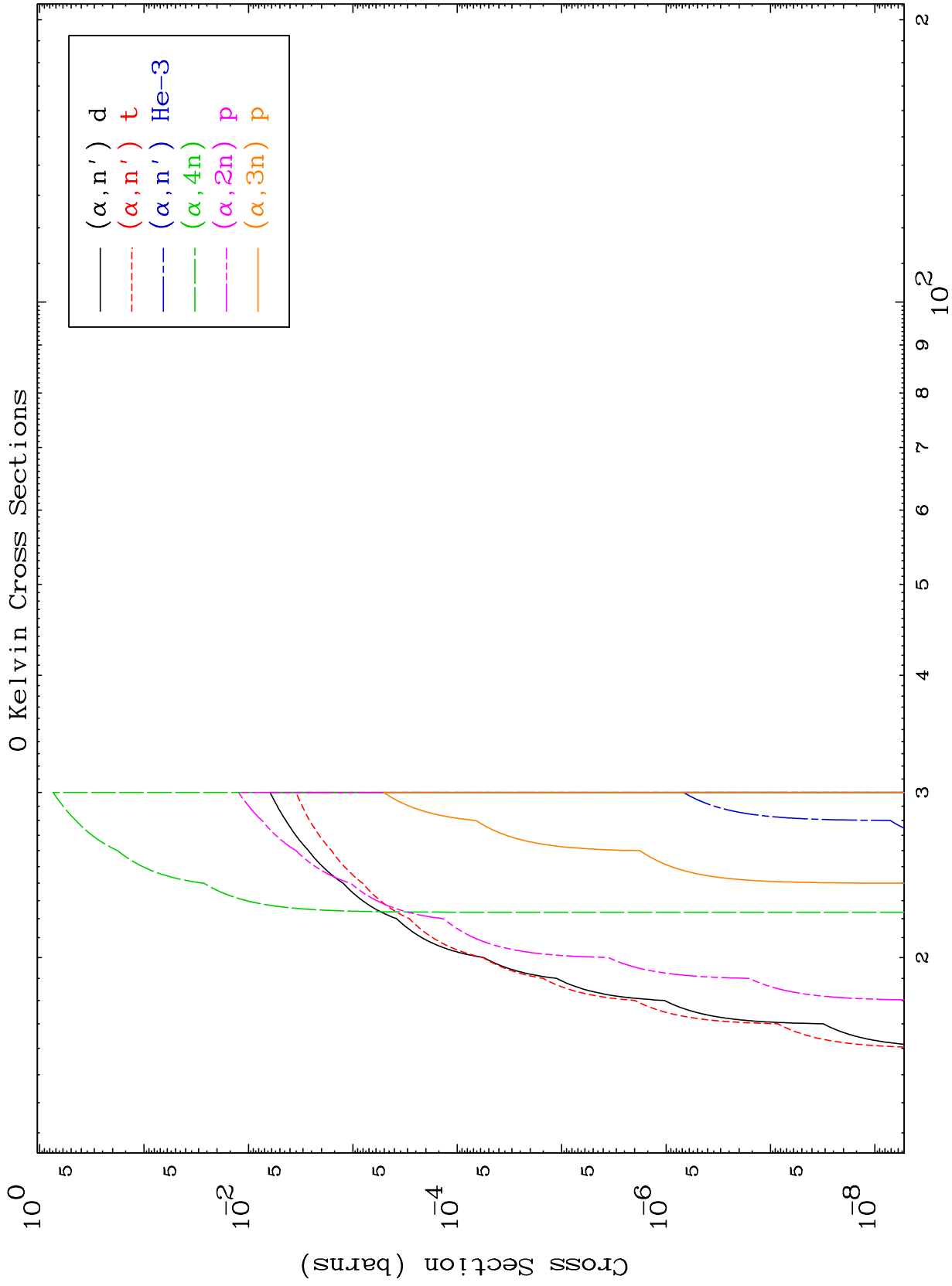
39-Y -96

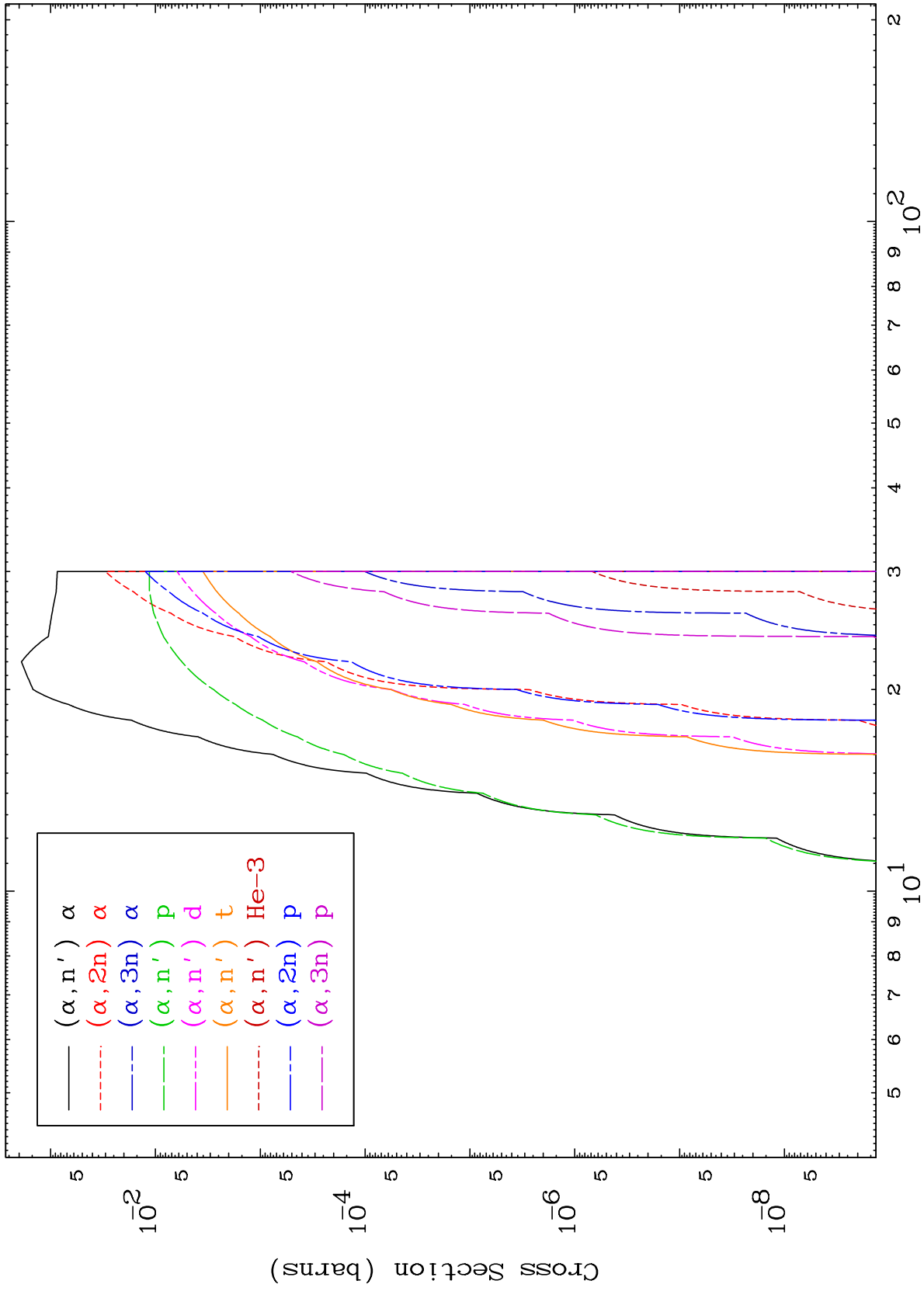


2

Incident Energy (MeV)

39-Y -96

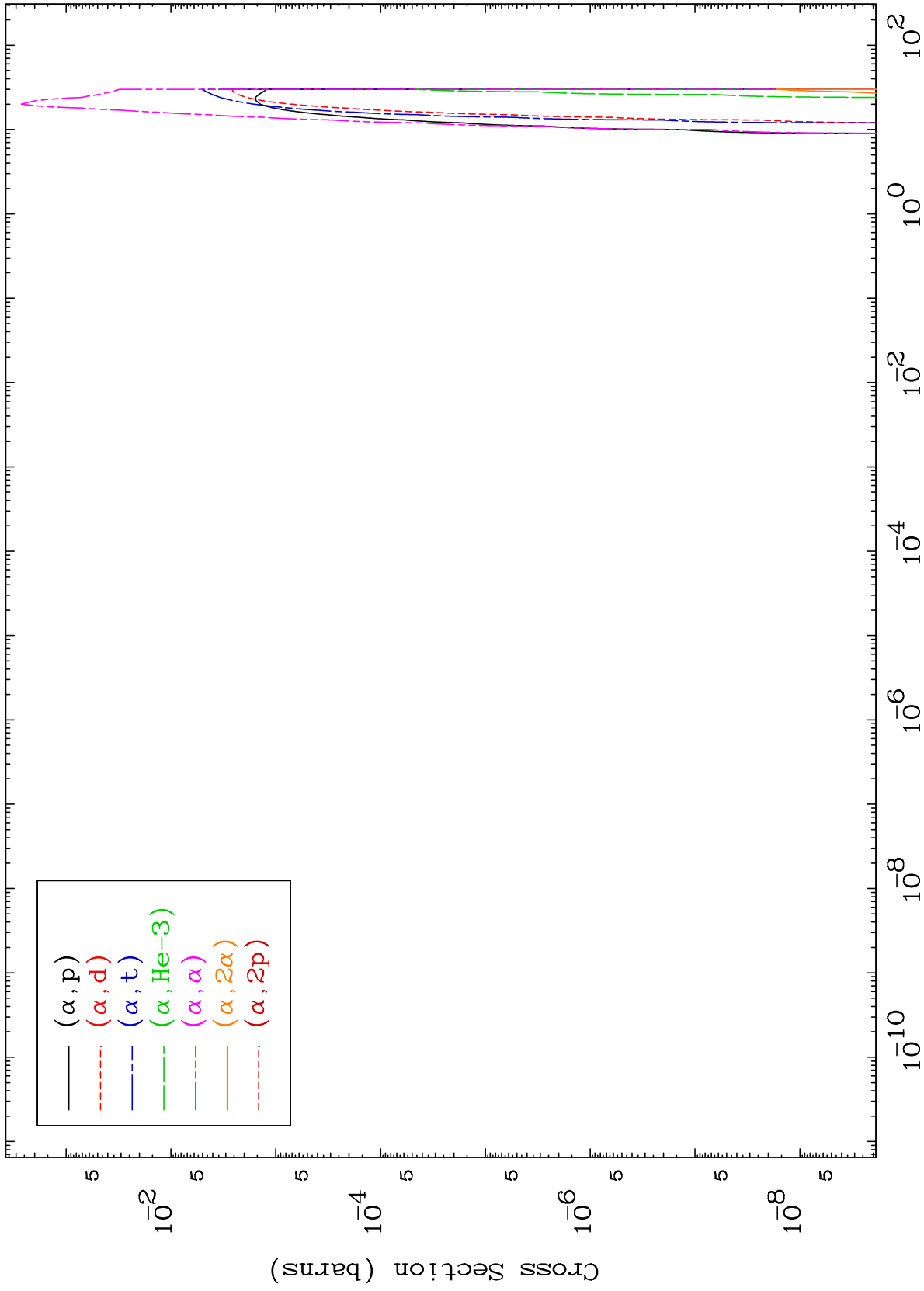




MAT 3947

α Charged Particle
0 Kelvin Cross Sections

39-Y -96



5

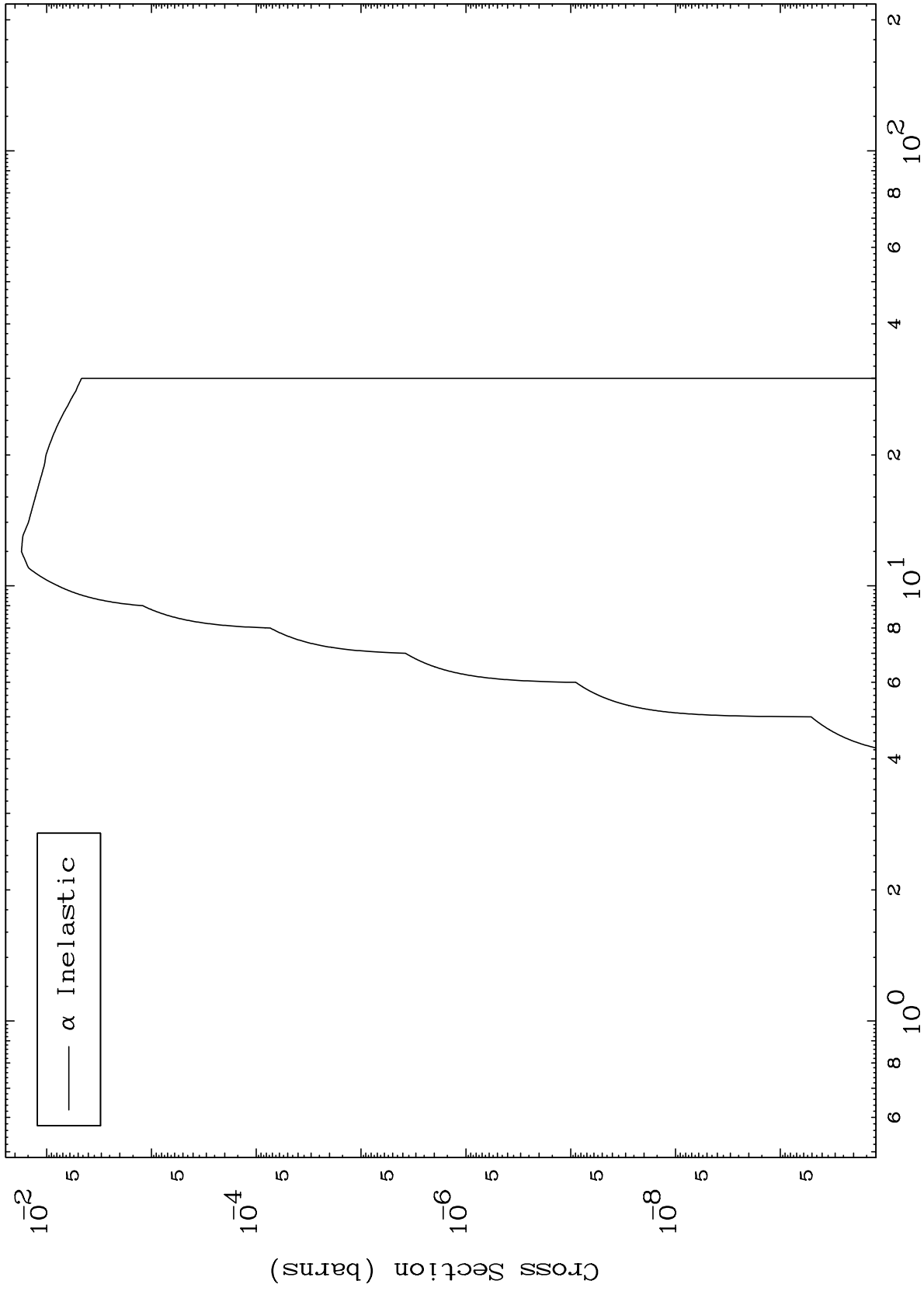
Incident Energy (MeV)

39-Y -96

MAT 3947

(α, n') Level
0 Kelvin Cross Sections

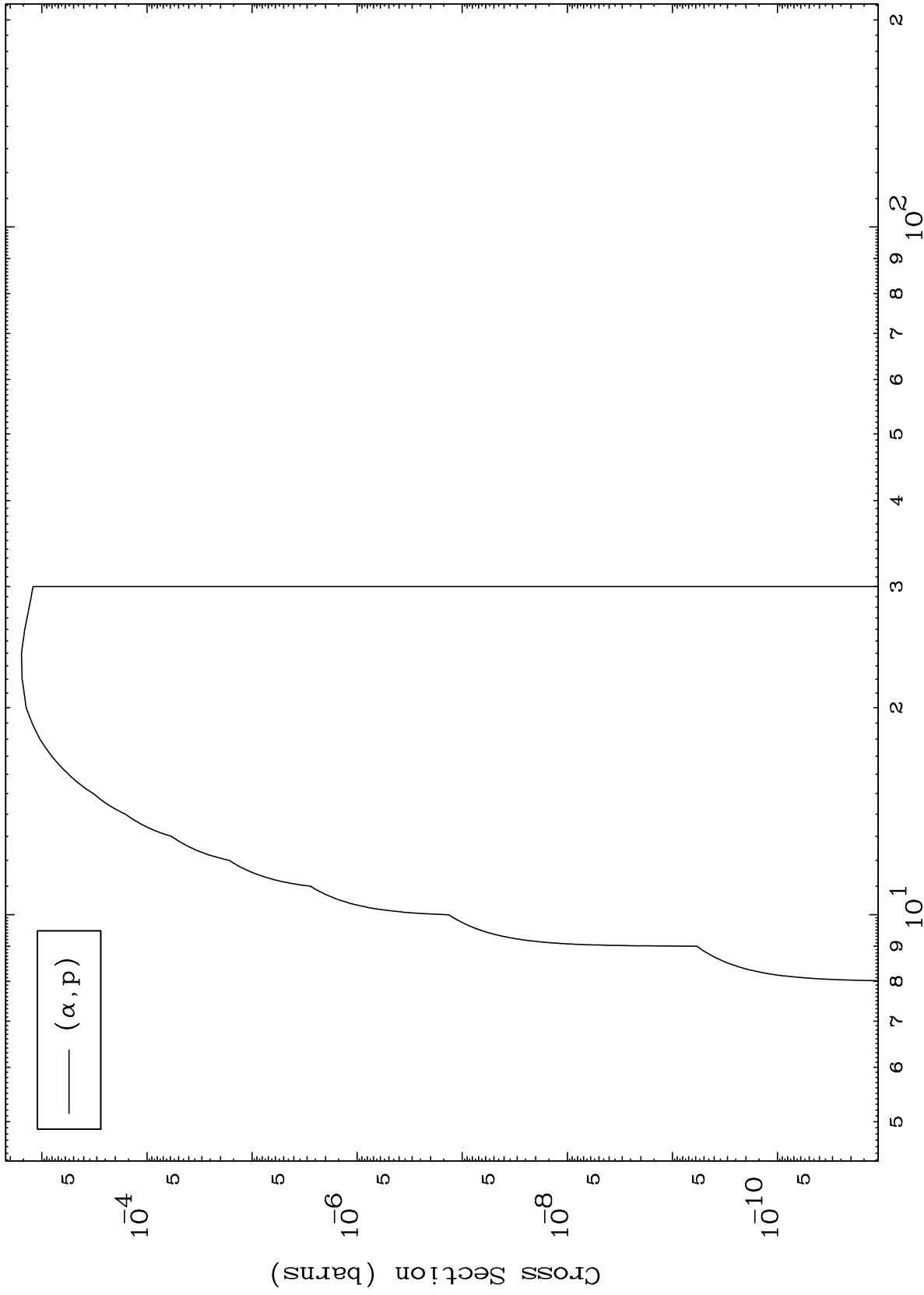
39-Y -96

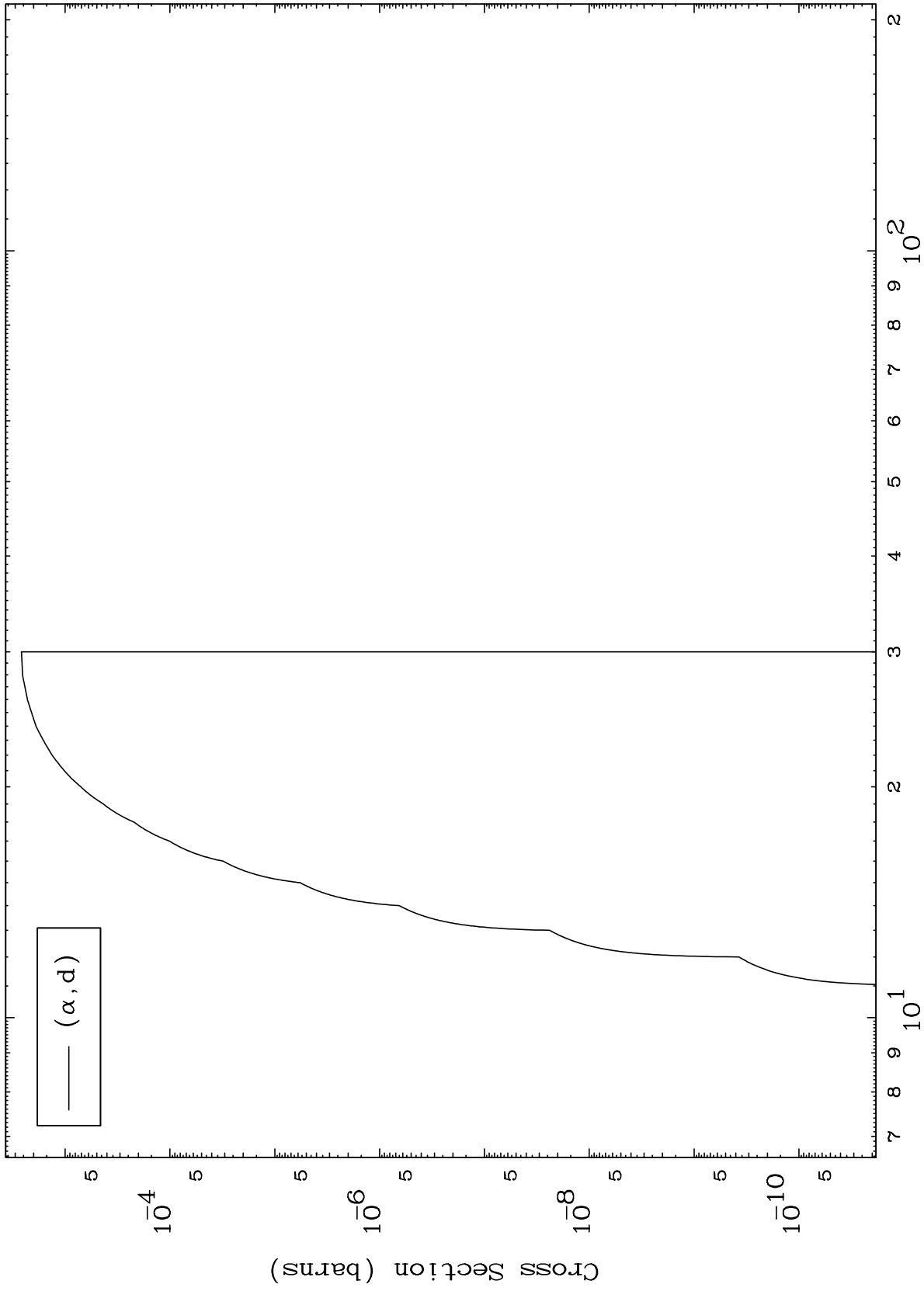


6

Incident Energy (MeV)

39-Y -96

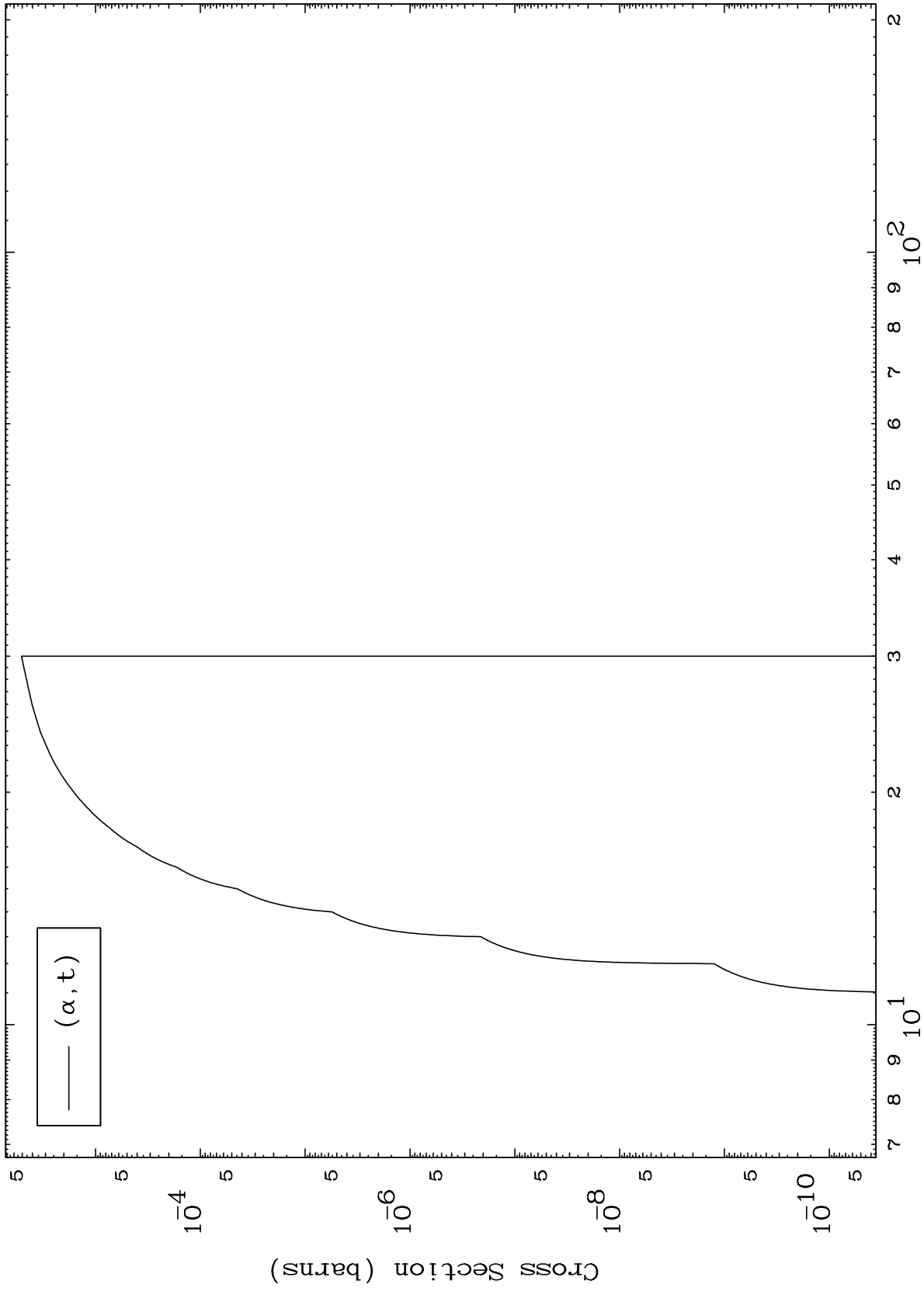




MAT 3947

(α, t) Levels
0 Kelvin Cross Sections

39-Y -96



9

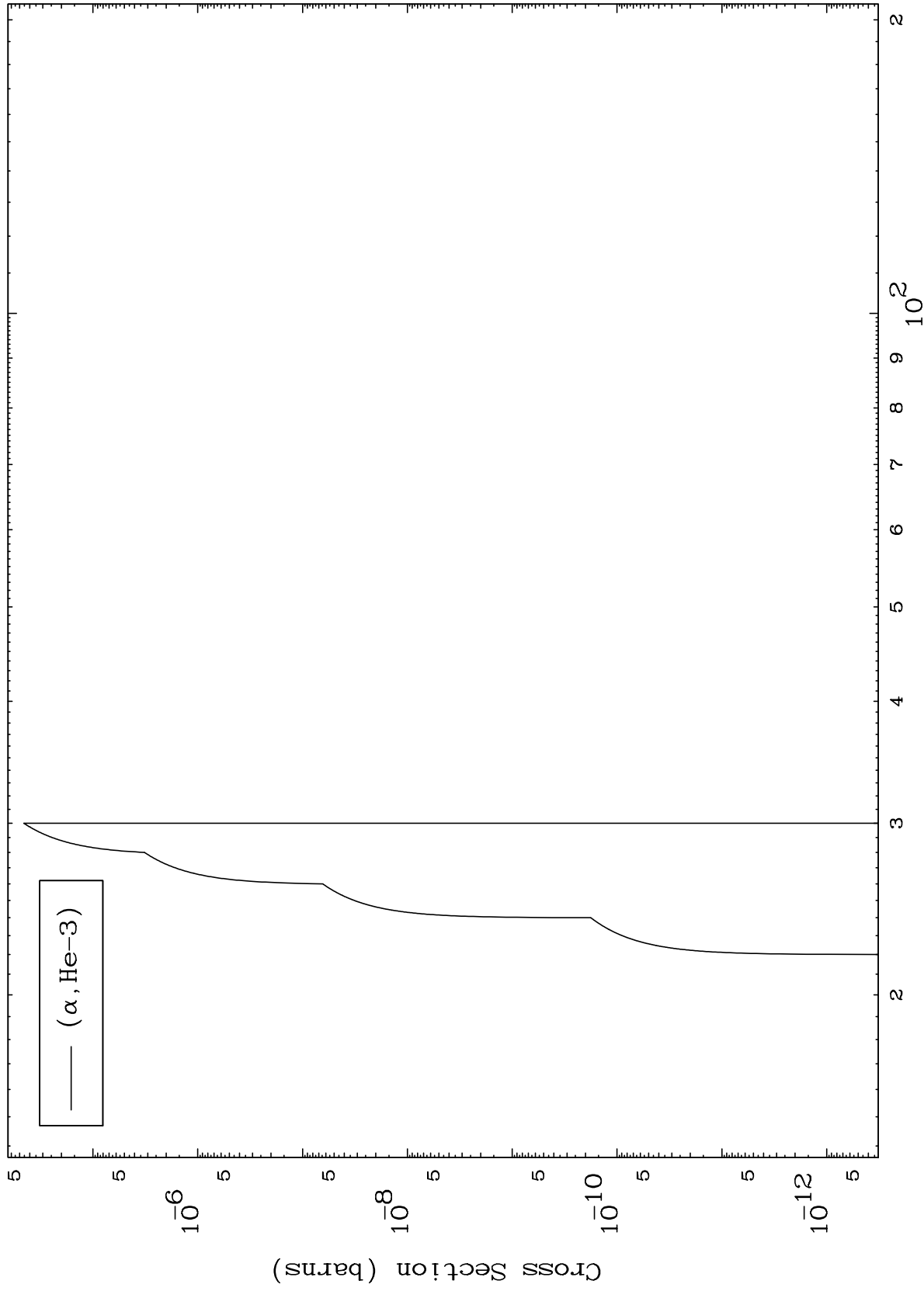
Incident Energy (MeV)

39-Y -96

MAT 3947

(α ,He3) Levels
0 Kelvin Cross Sections

39-Y -96



10

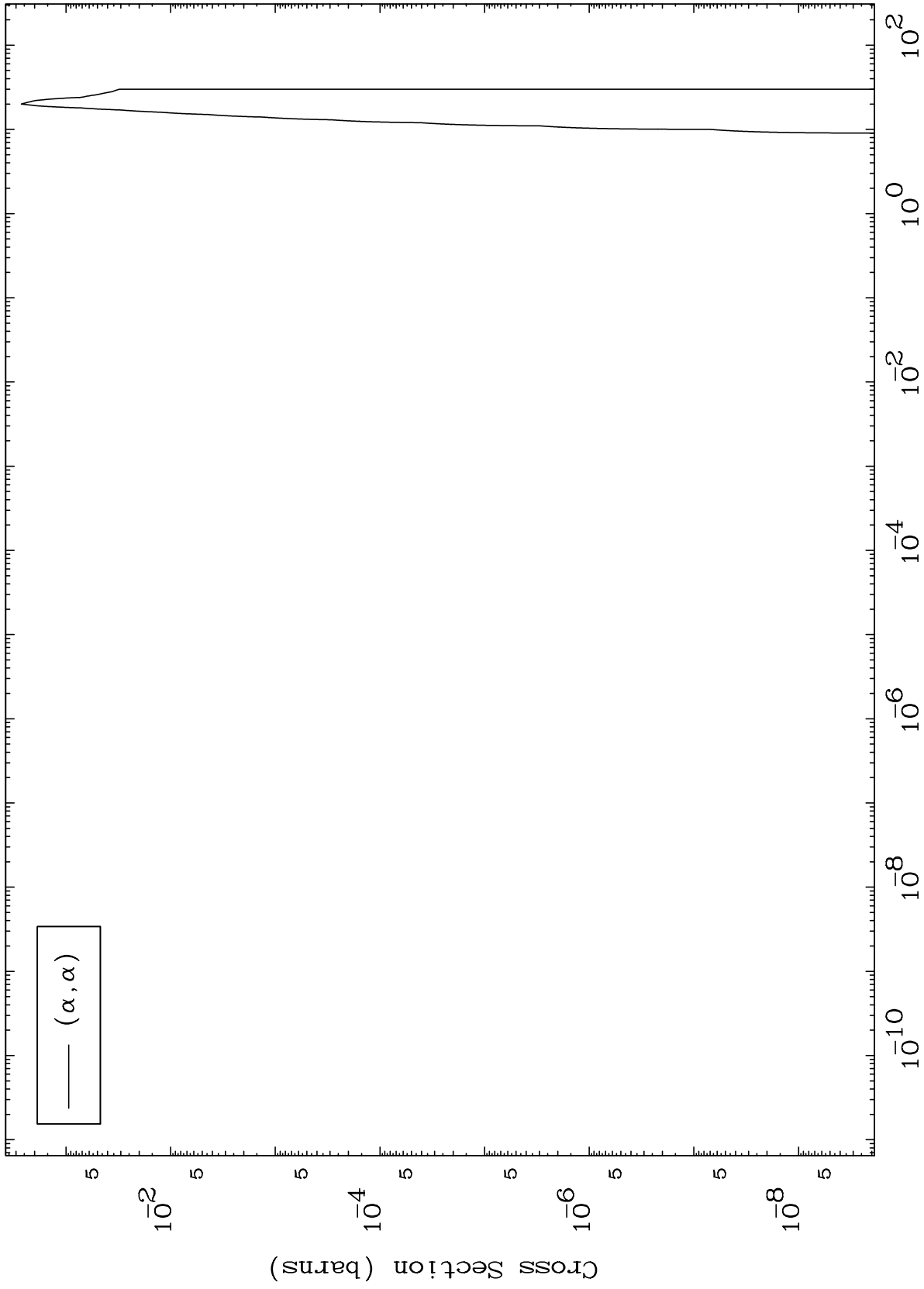
Incident Energy (MeV)

39-Y -96

MAT 3947

(α, α) Levels
0 Kelvin Cross Sections

39-Y -96



11

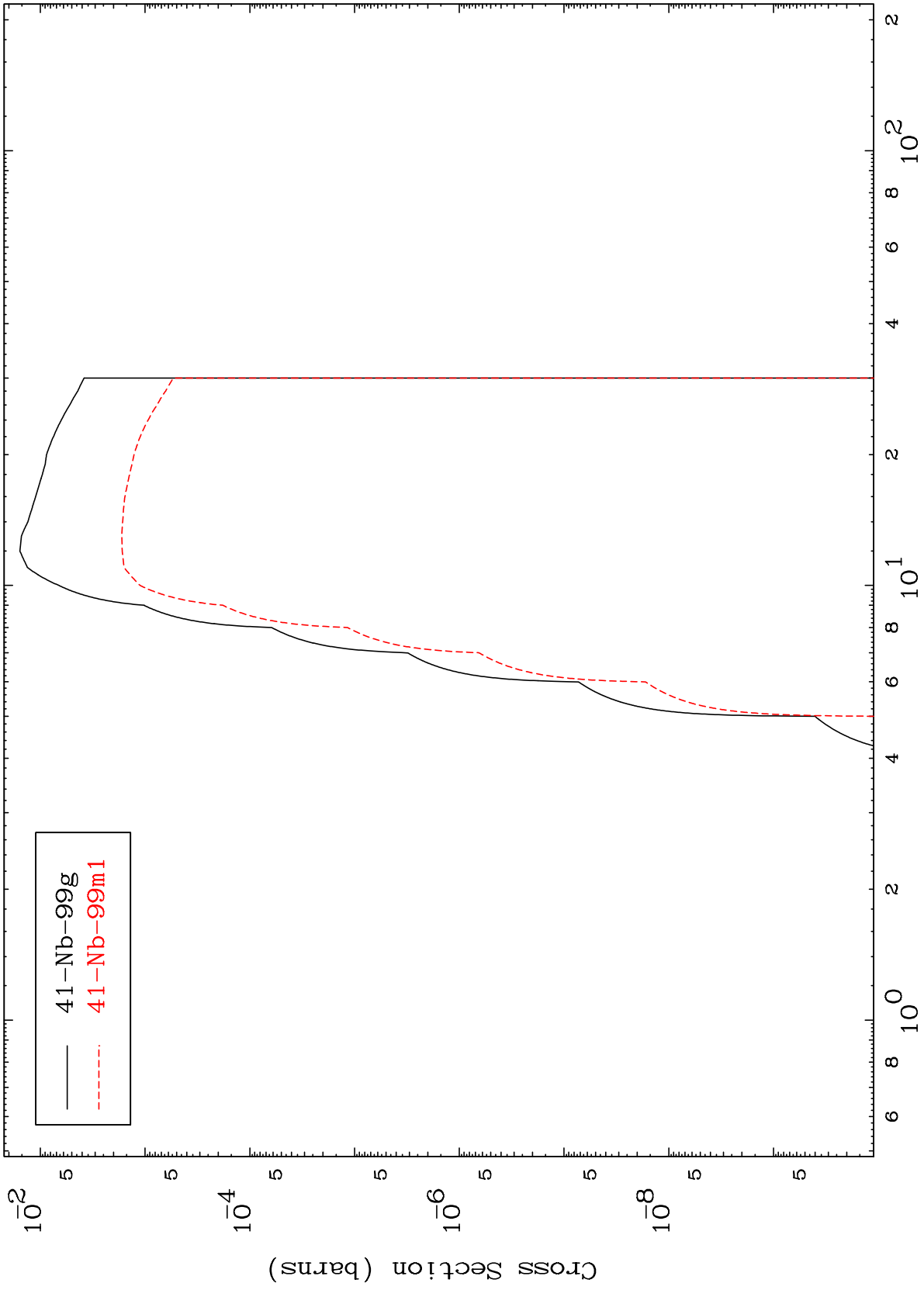
Incident Energy (MeV)

39-Y -96

MAT 3947

α Inelastic Radionuclide Production Cross Section

39-Y -96



— 41-Nb-99g
- - - 41-Nb-99m1

12

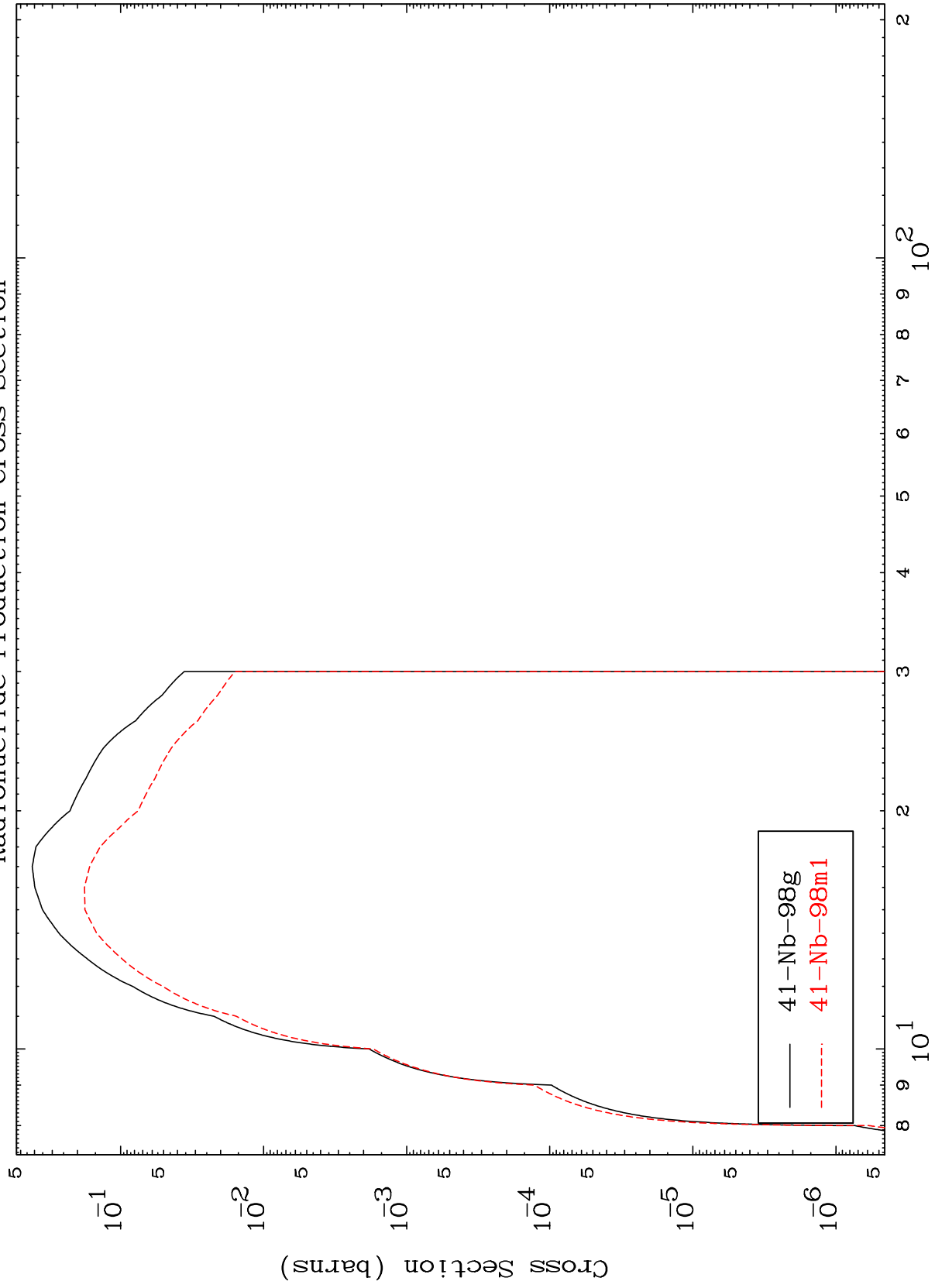
Incident Energy (MeV)

39-Y -96

MAT 3947

39-Y -96

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



13

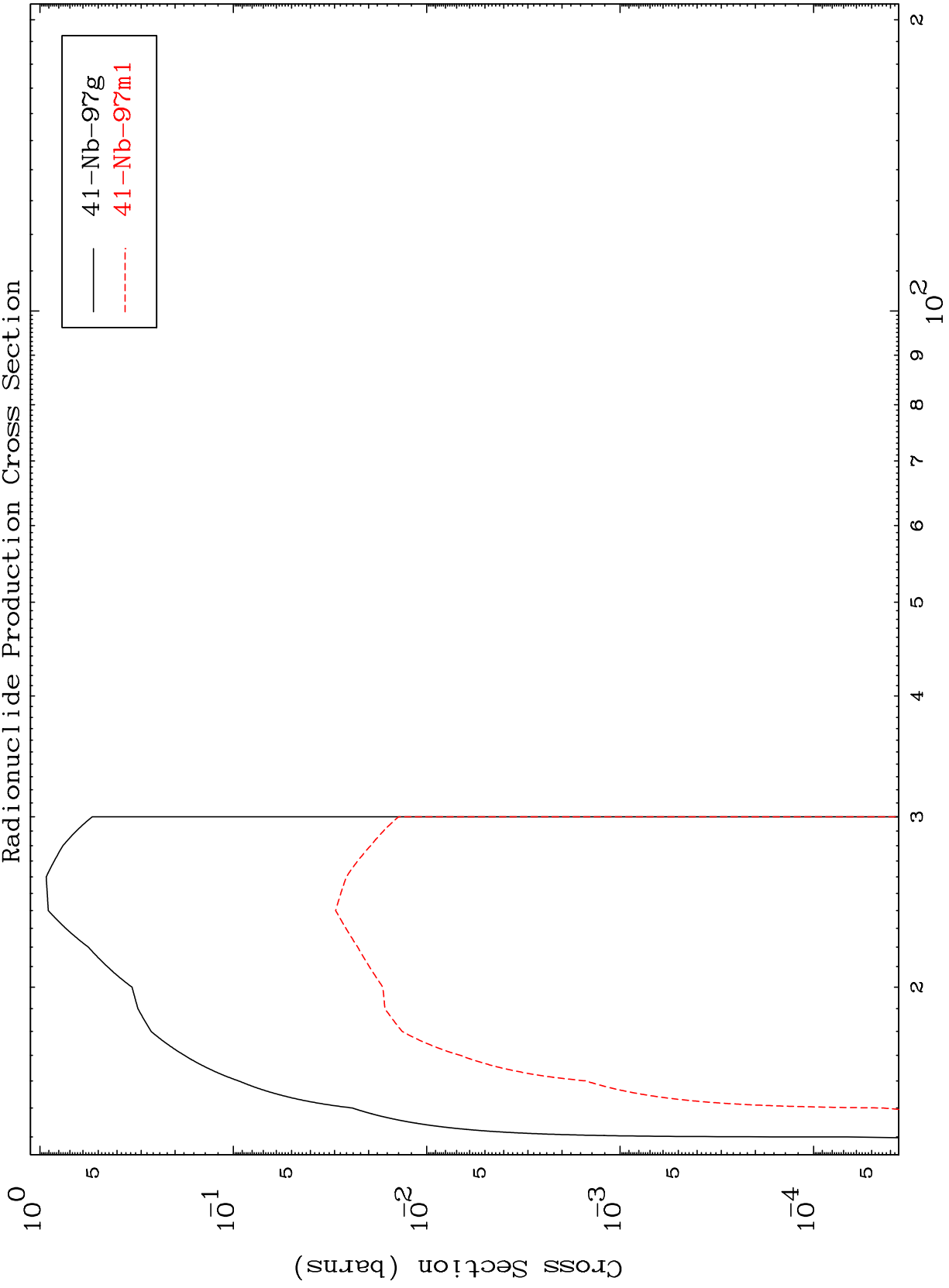
Incident Energy (MeV)

39-Y -96

MAT 3947

39-Y -96

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



14

Incident Energy (MeV)

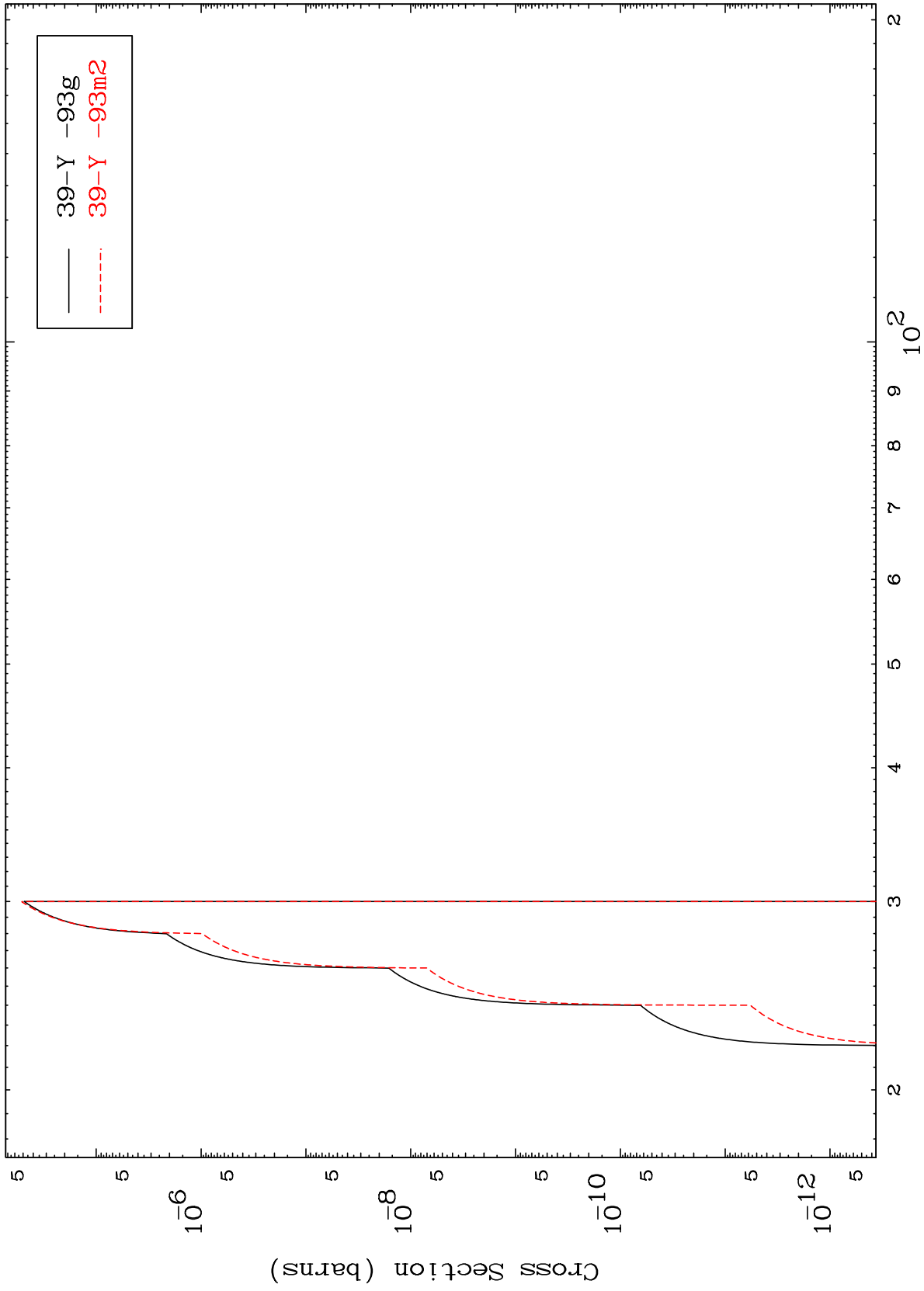
39-Y -96

MAT 3947

($\alpha, 3n$) α

39-Y -96

Radionuclide Production Cross Section



15

Incident Energy (MeV)

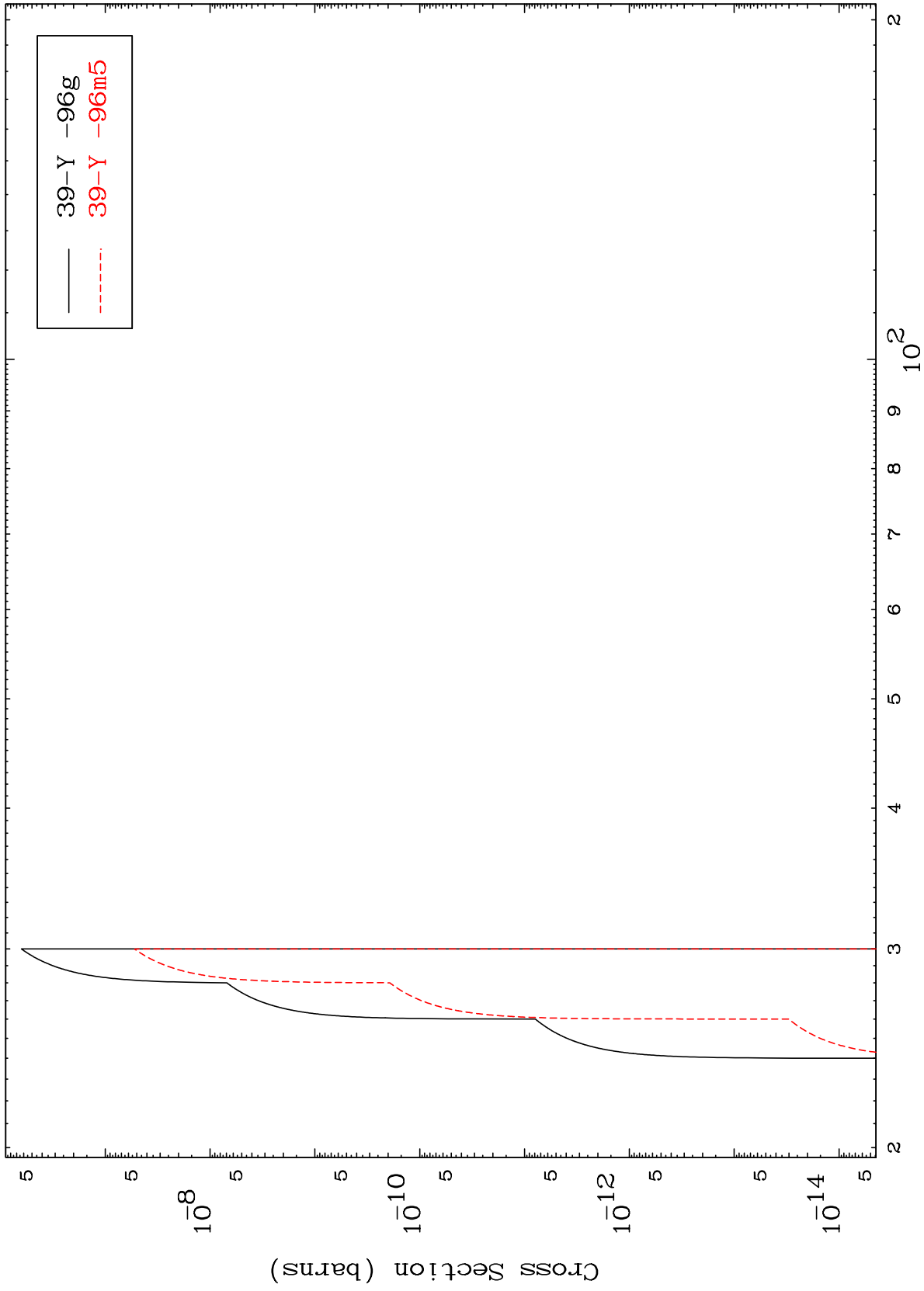
39-Y -96

MAT 3947

(α, n') He-3

39-Y -96

Radionuclide Production Cross Section



16

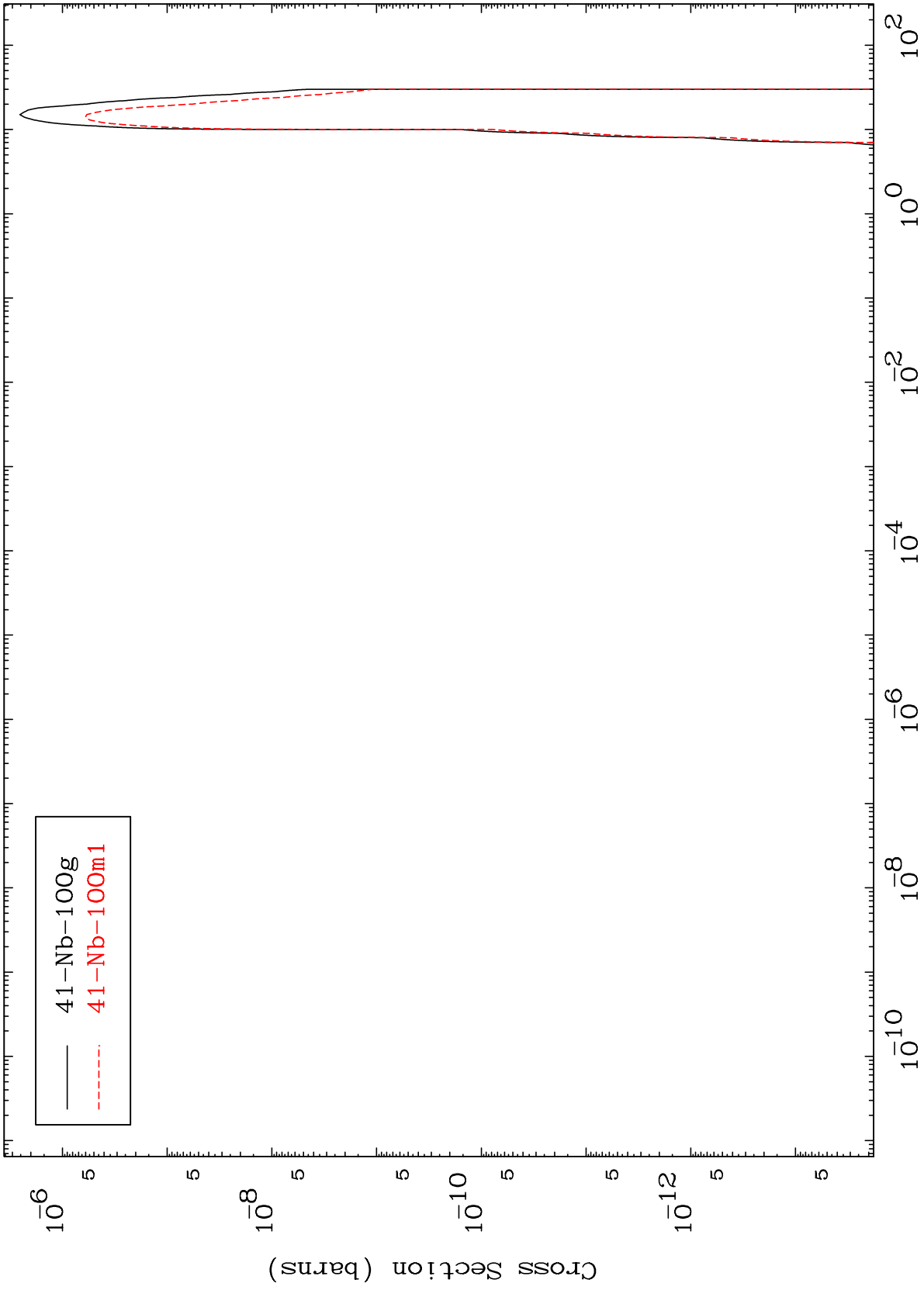
Incident Energy (MeV)

39-Y -96

MAT 3947

Radionuclide Production Cross Section
(α, γ)

39-Y -96



17

Incident Energy (MeV)

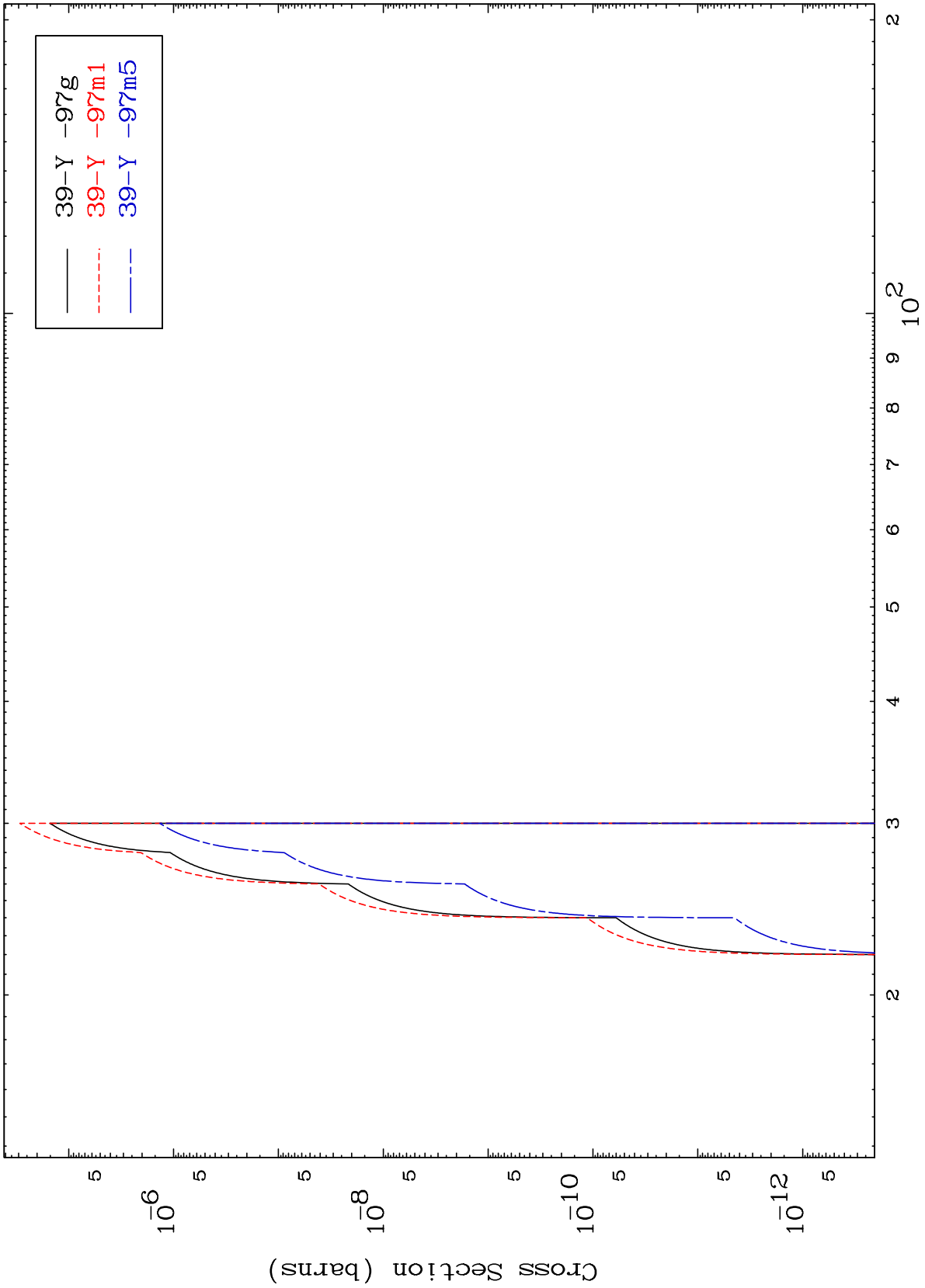
39-Y -96

MAT 3947

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

39-Y -96

Radionuclide Production Cross Section



18

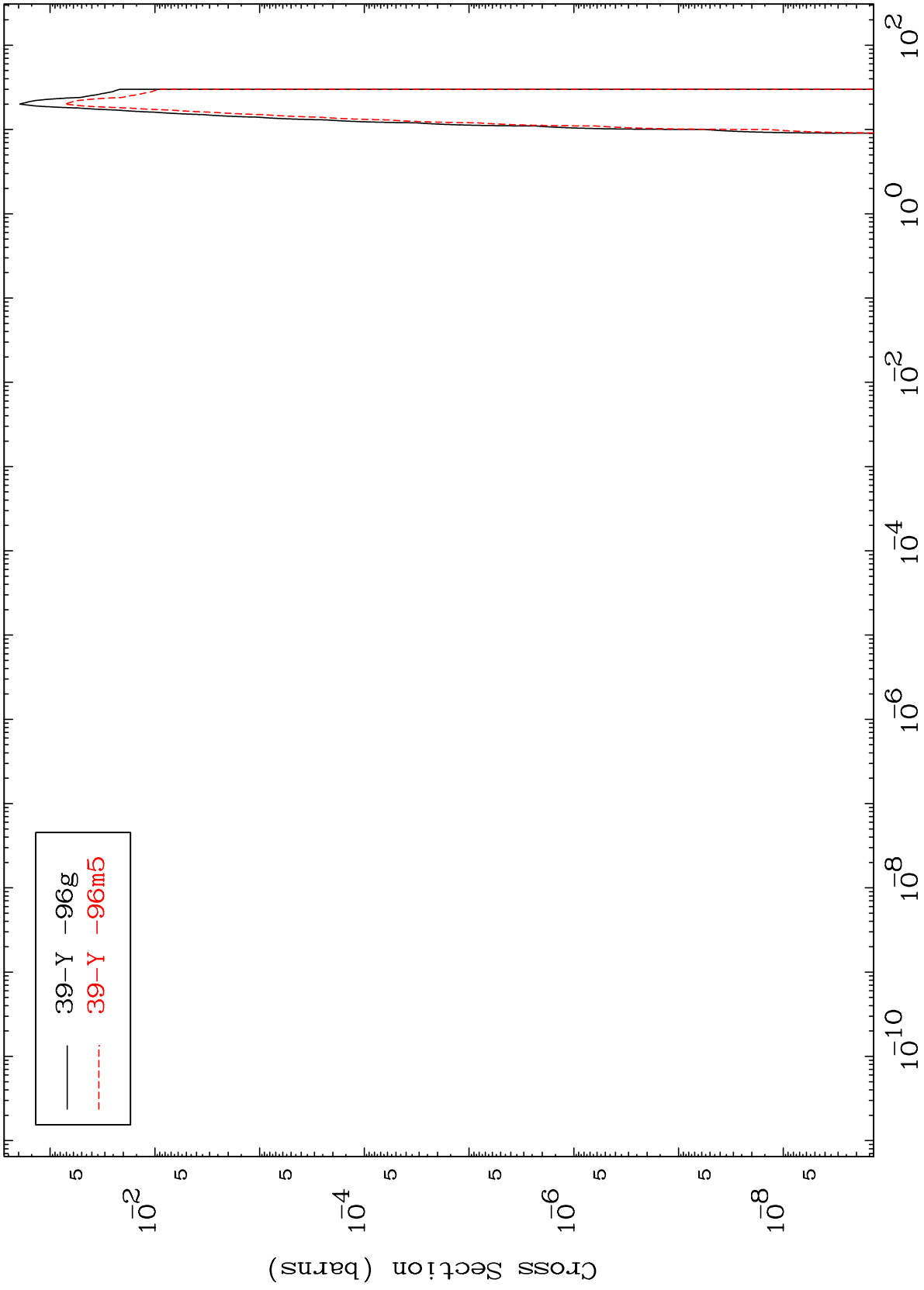
Incident Energy (MeV)

39-Y -96

MAT 3947

Radionuclide Production Cross Section
(α, α)

39-Y -96



19

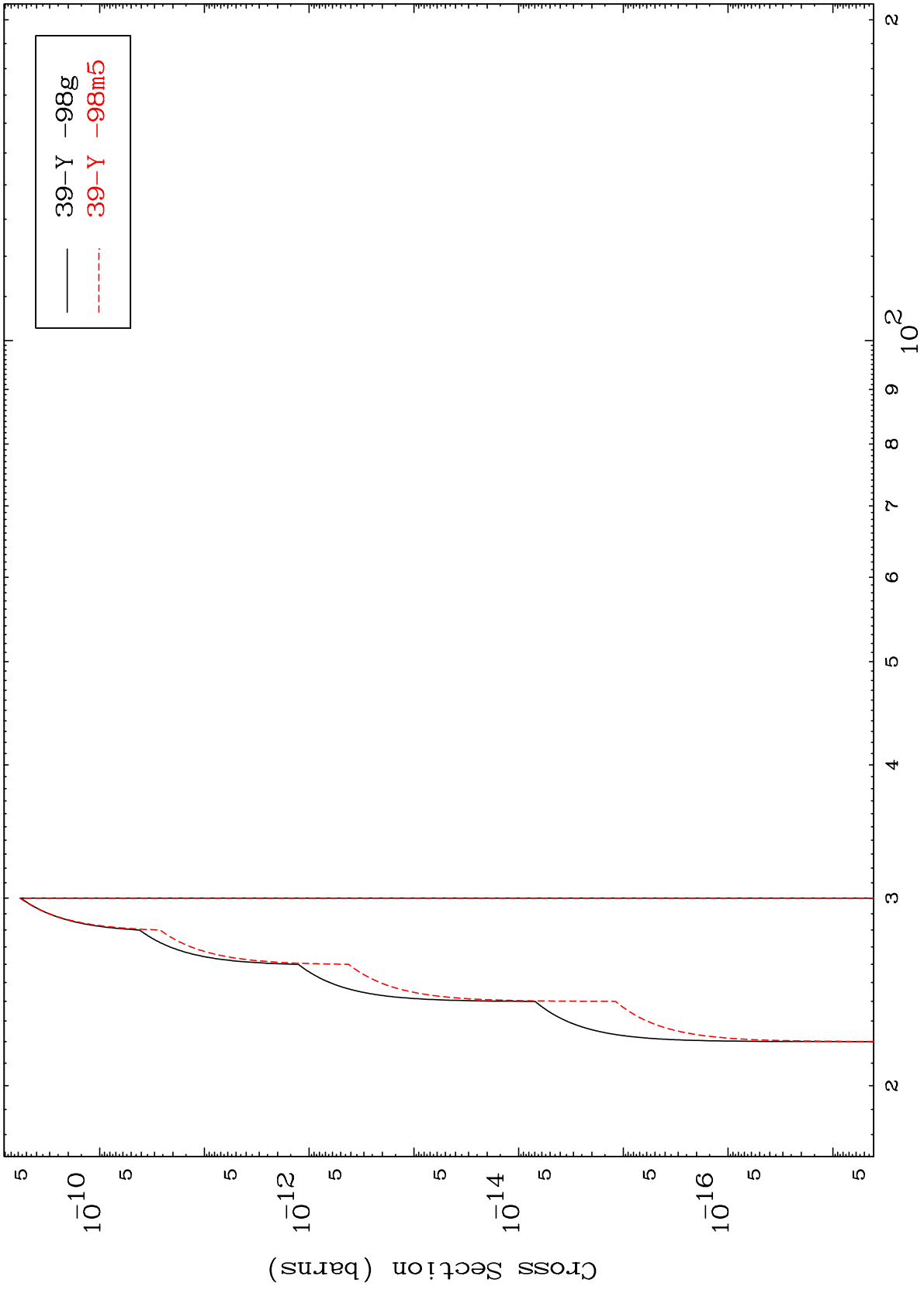
Incident Energy (MeV)

39-Y -96

MAT 3947

39-Y -96

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



20

Incident Energy (MeV)

39-Y -96