

Program EVALPLOT
(Version 2018-1)

by

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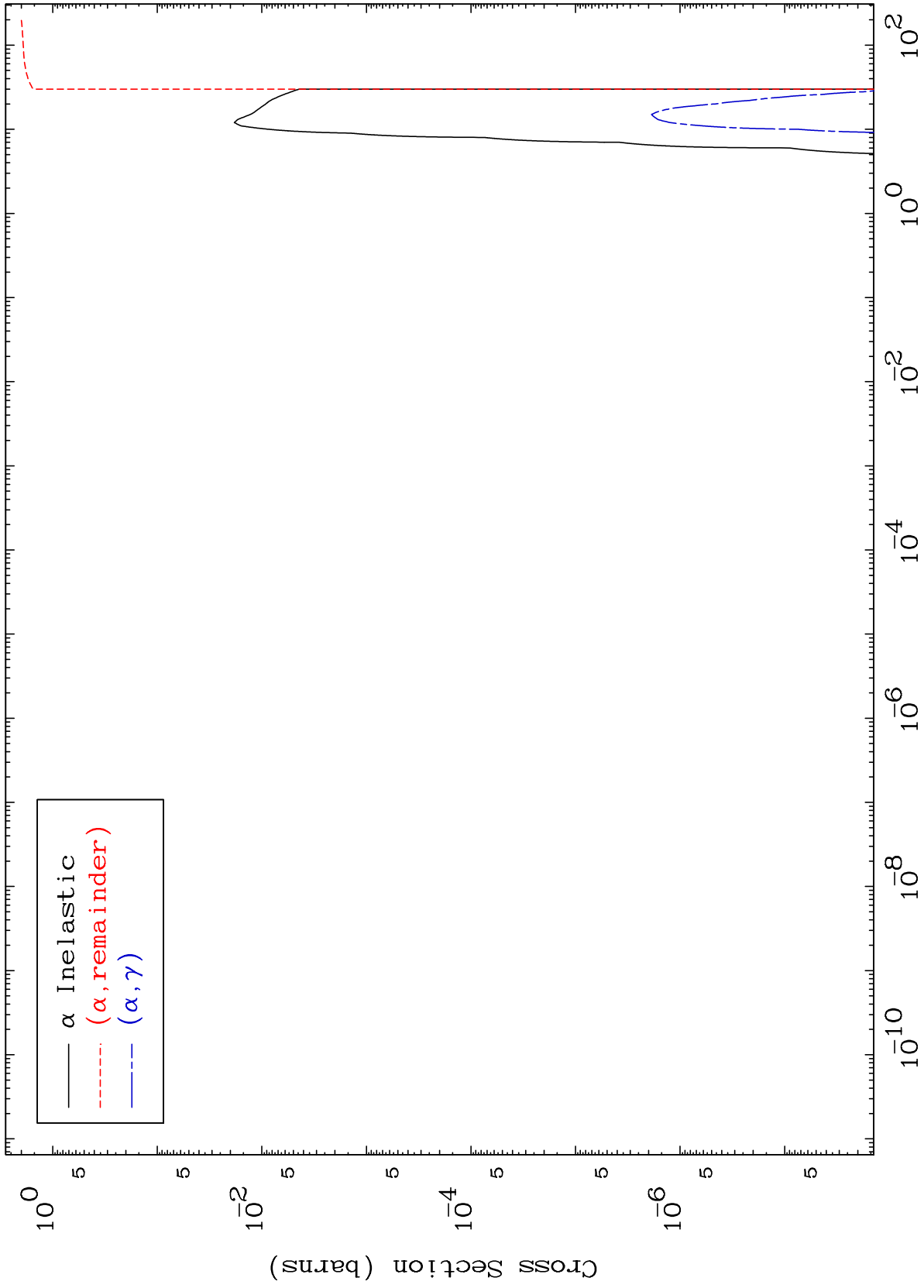
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3946

0 Kelvin α Major
Cross Sections

39-Y -96



1

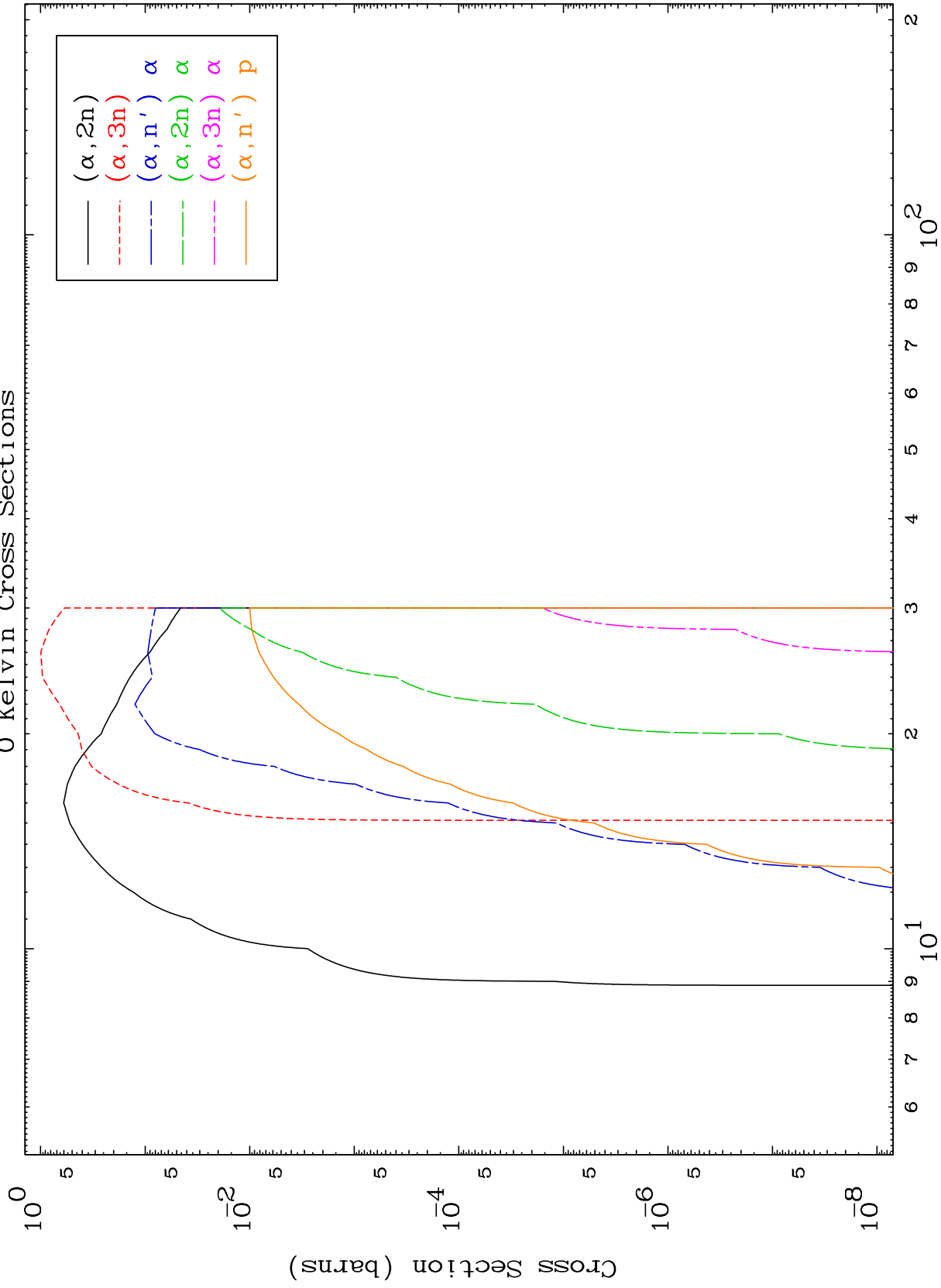
Incident Energy (MeV)

39-Y -96

MAT 3946

α Neutron Production
0 Kelvin Cross Sections

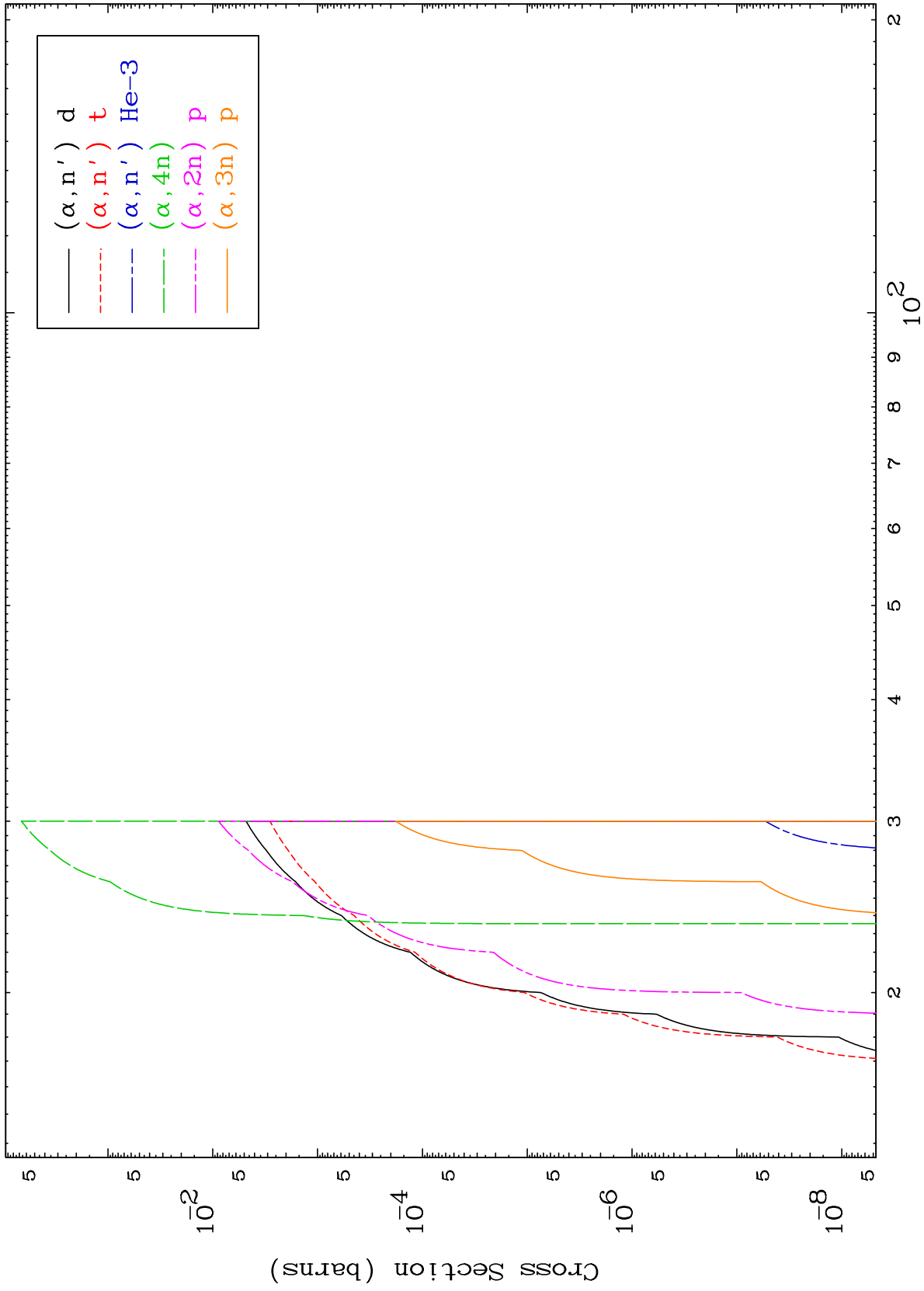
39-Y -96

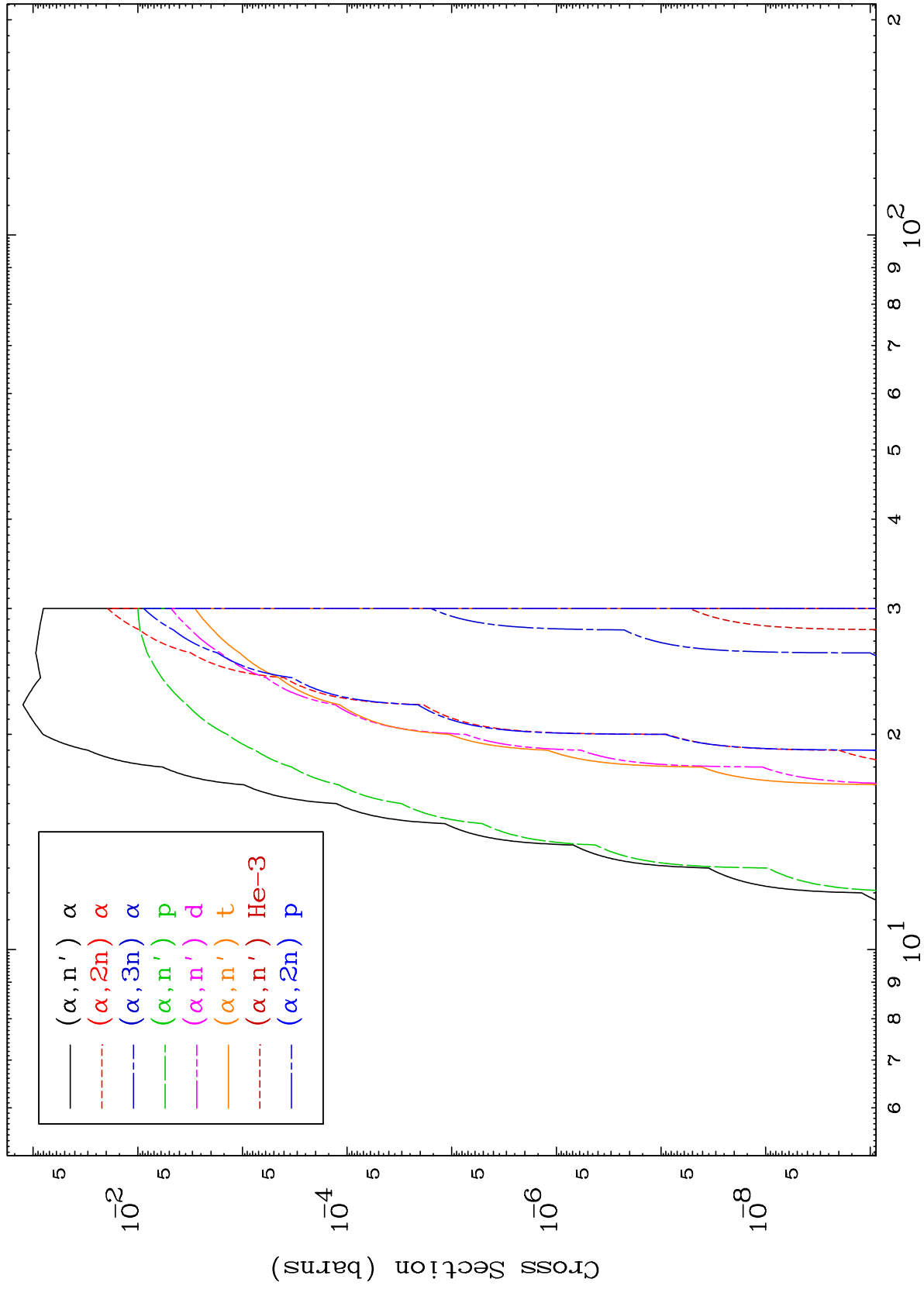


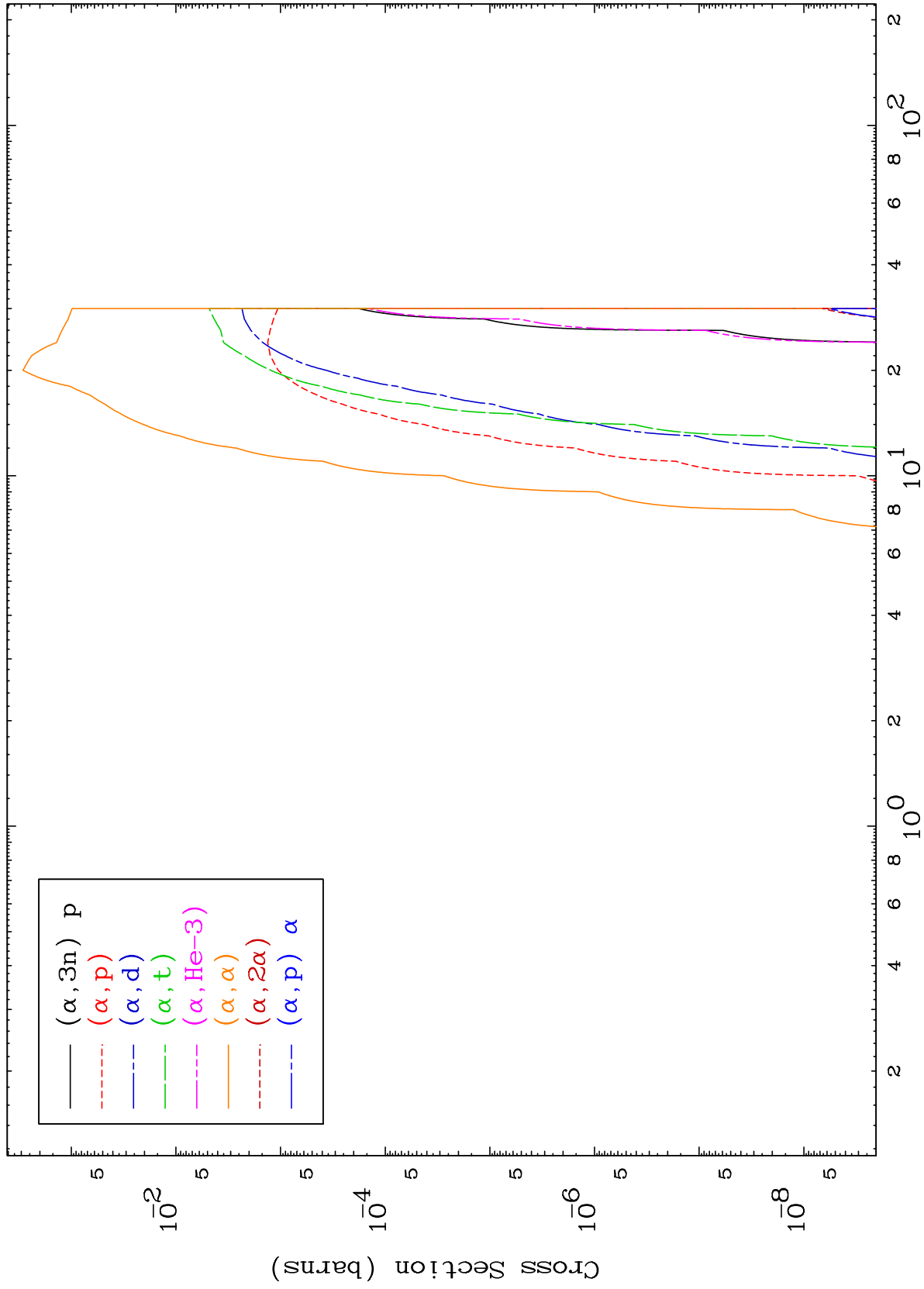
2

Incident Energy (MeV)

39-Y -96



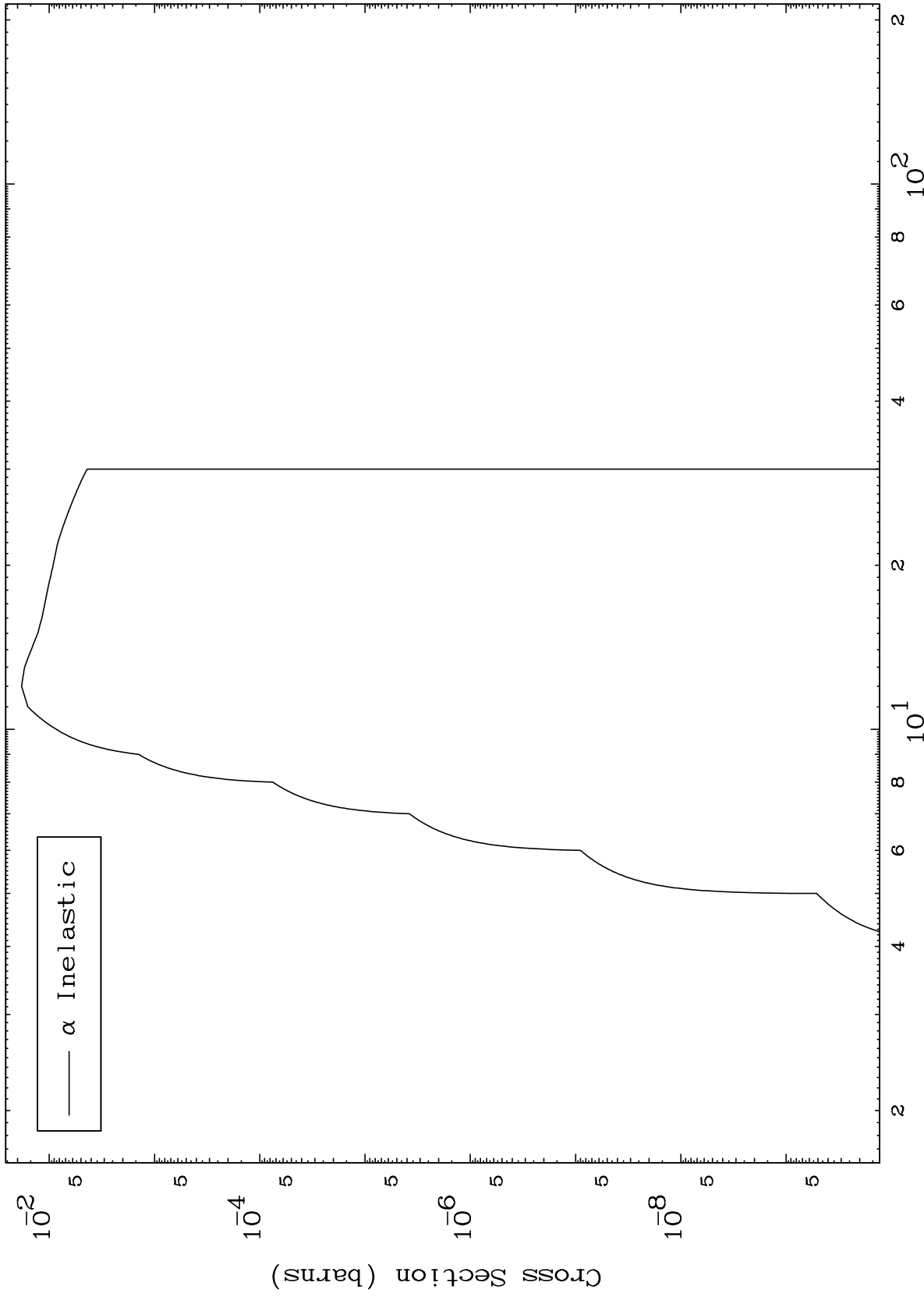




MAT 3946

(α, n') Level
0 Kelvin Cross Sections

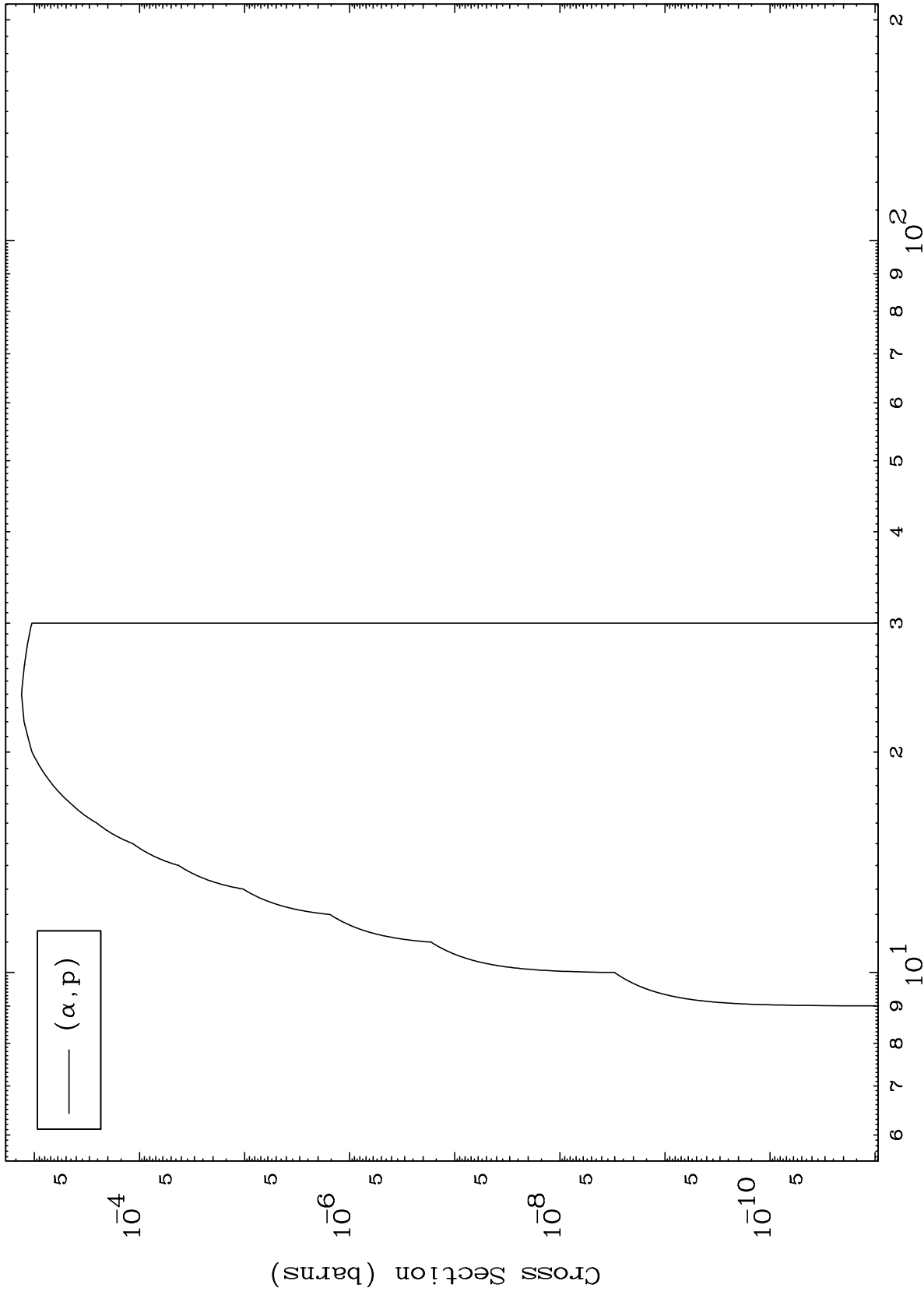
39-Y -96



6

Incident Energy (MeV)

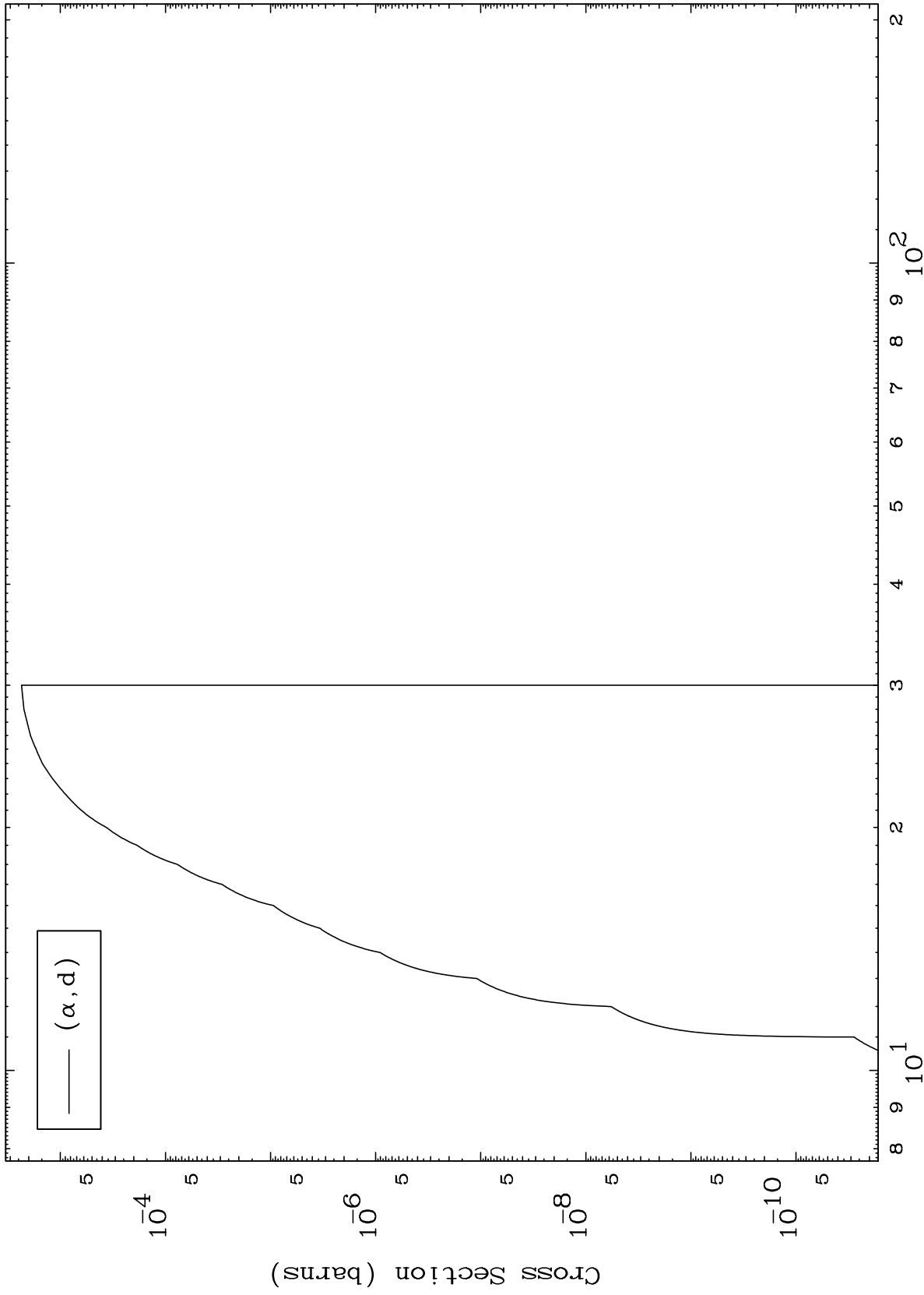
39-Y -96



MAT 3946

(α, d) Levels
0 Kelvin Cross Sections

39-Y -96



8

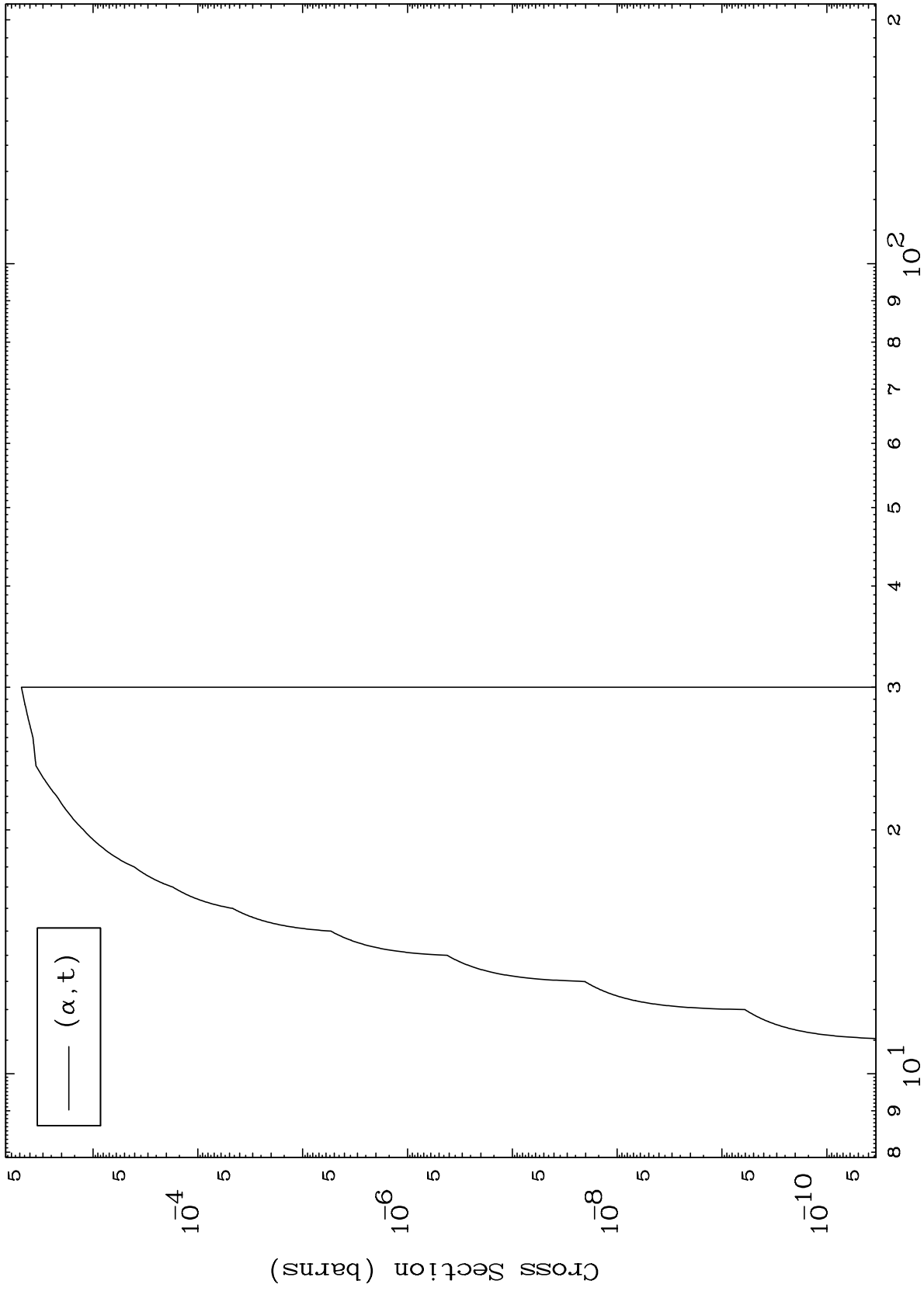
Incident Energy (MeV)

39-Y -96

MAT 3946

(α, t) Levels
0 Kelvin Cross Sections

39-Y -96



9

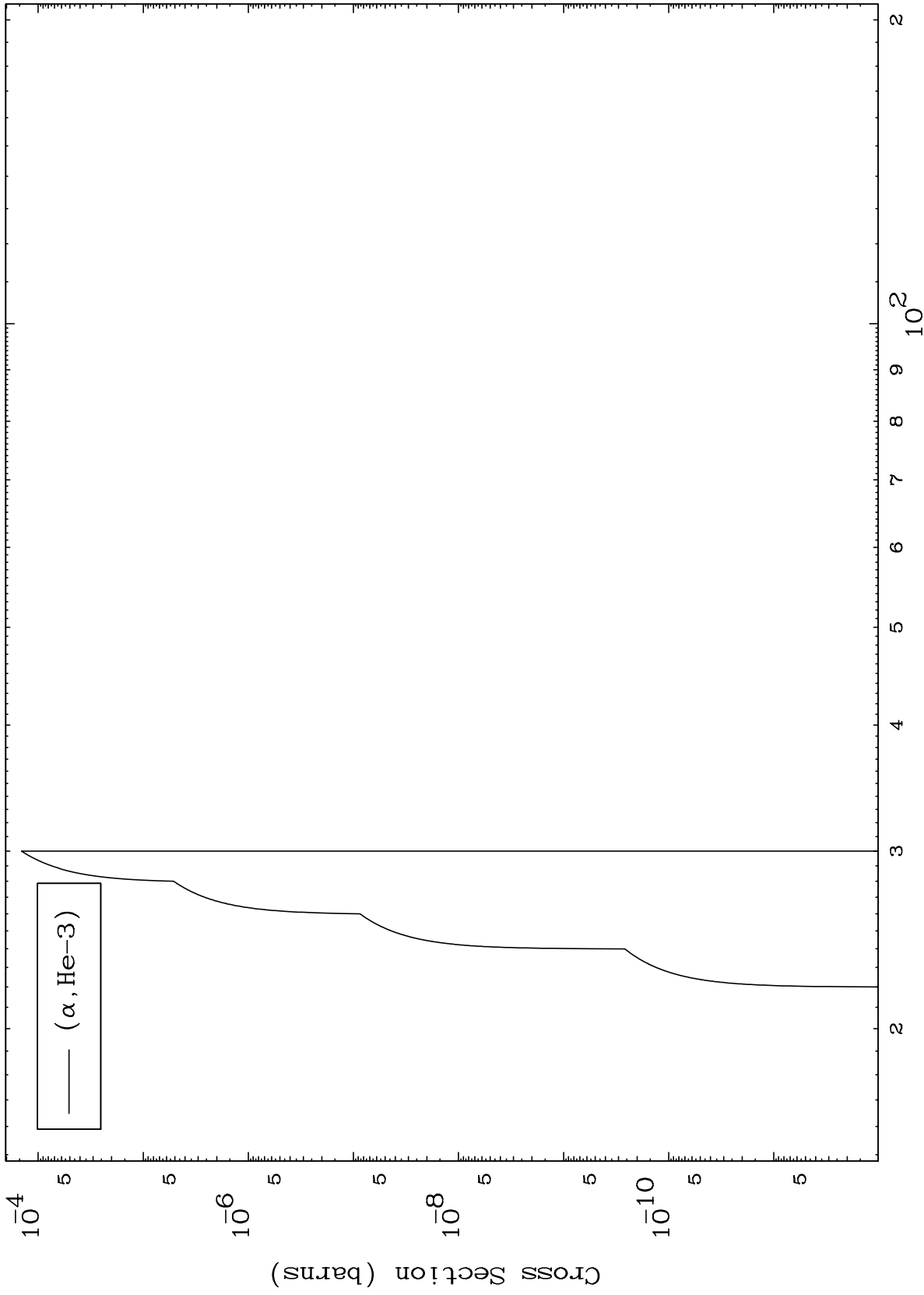
Incident Energy (MeV)

39-Y -96

MAT 3946

(α ,He3) Levels
0 Kelvin Cross Sections

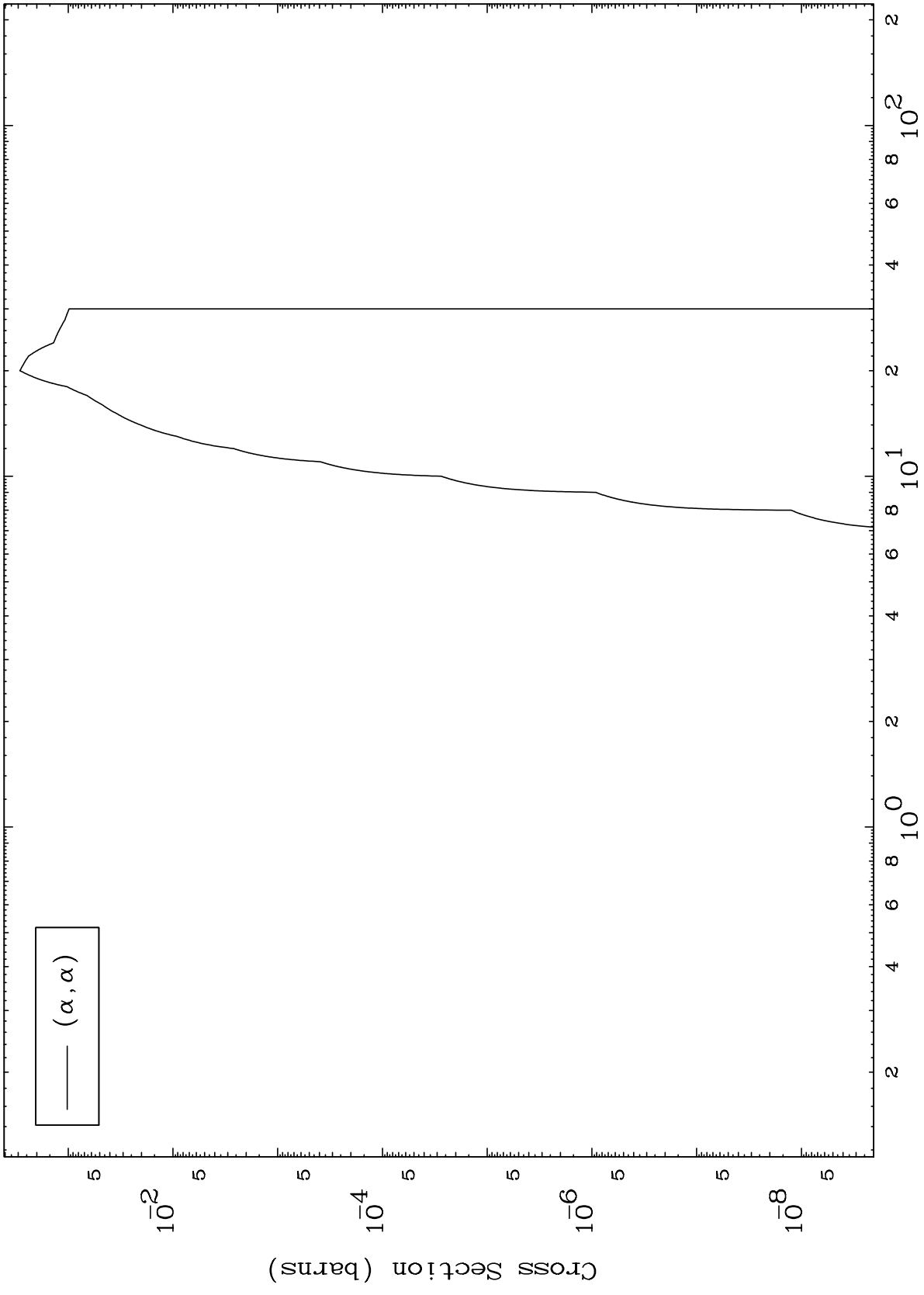
39-Y -96



10

Incident Energy (MeV)

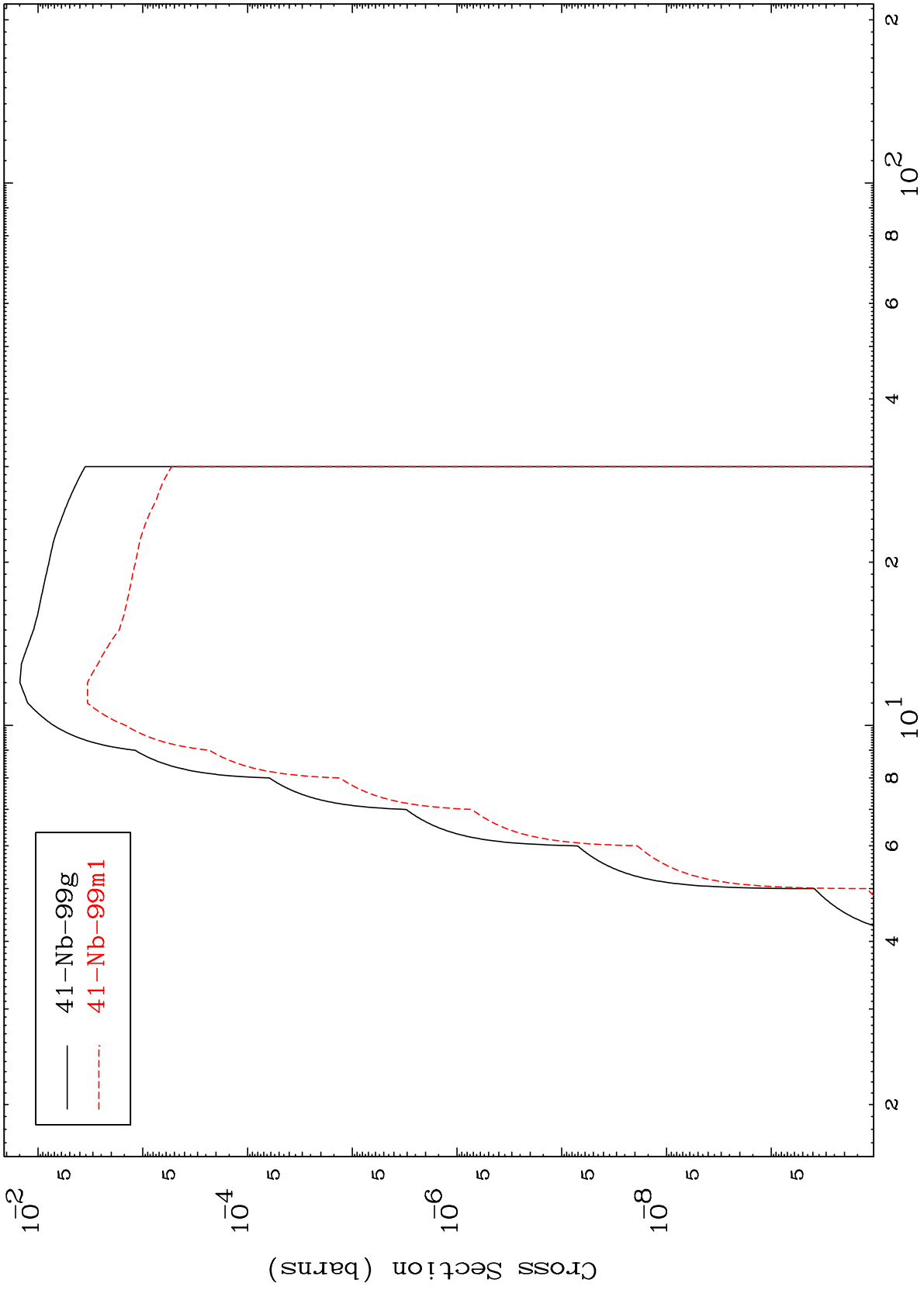
39-Y -96



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Radionuclide Production Cross Section

39-Y -96



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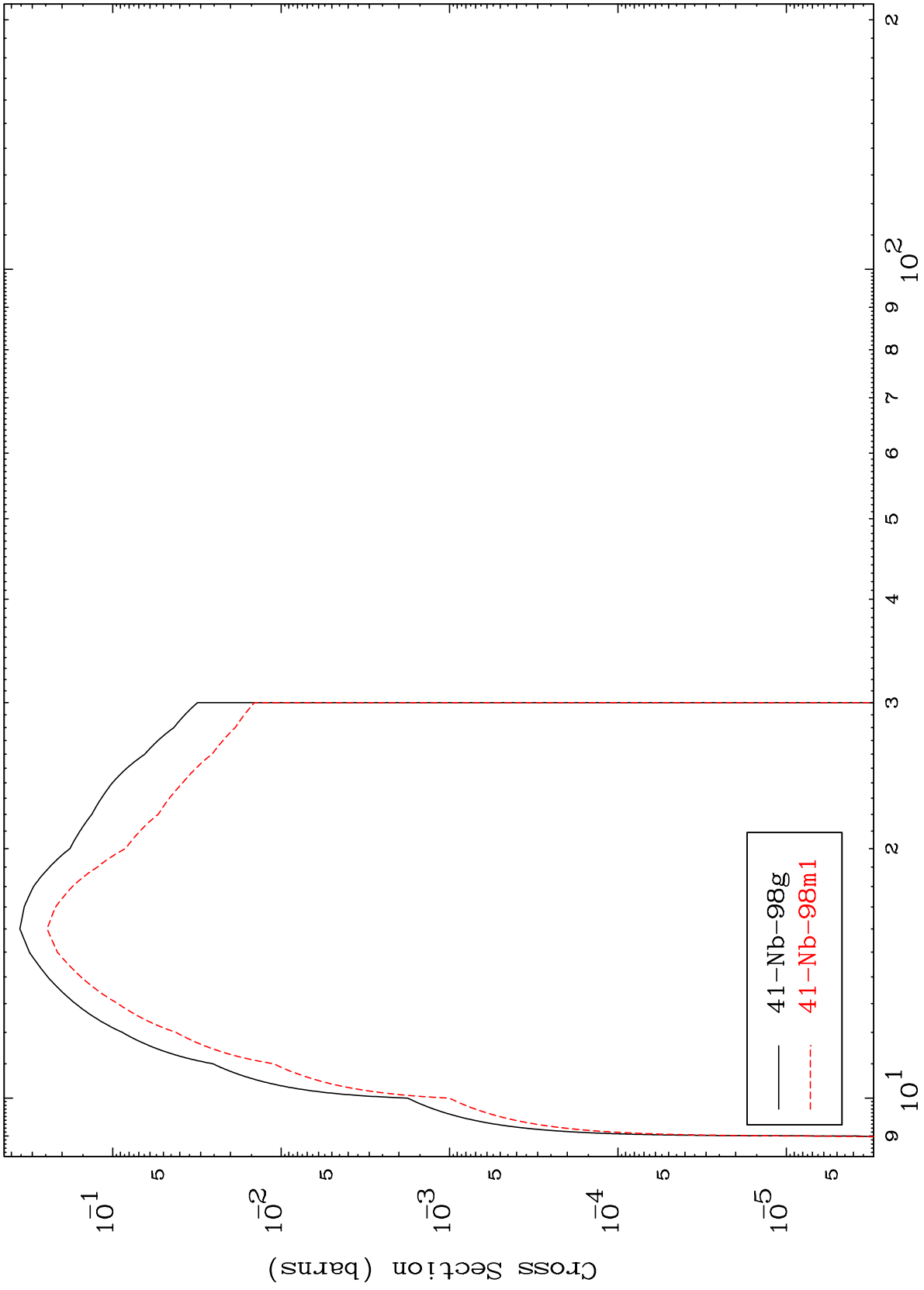
Incident Energy (MeV)

39-Y -96

MAT 3946

39-Y -96

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



— 41-Nb-98g
- - - 41-Nb-98m1

13

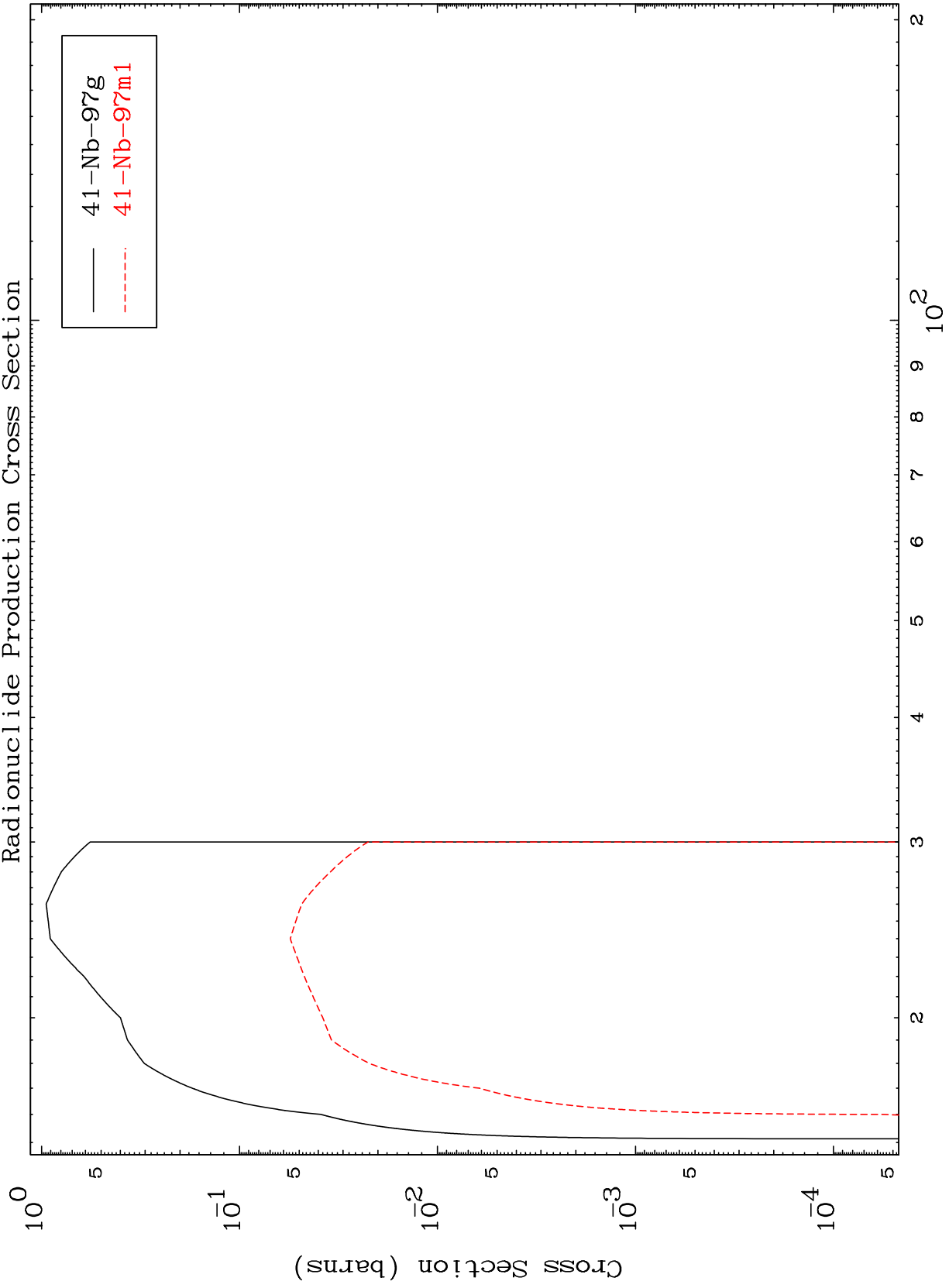
Incident Energy (MeV)

39-Y -96

MAT 3946

39-Y -96

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



41-Nb-97g
41-Nb-97m1

14

Incident Energy (MeV)

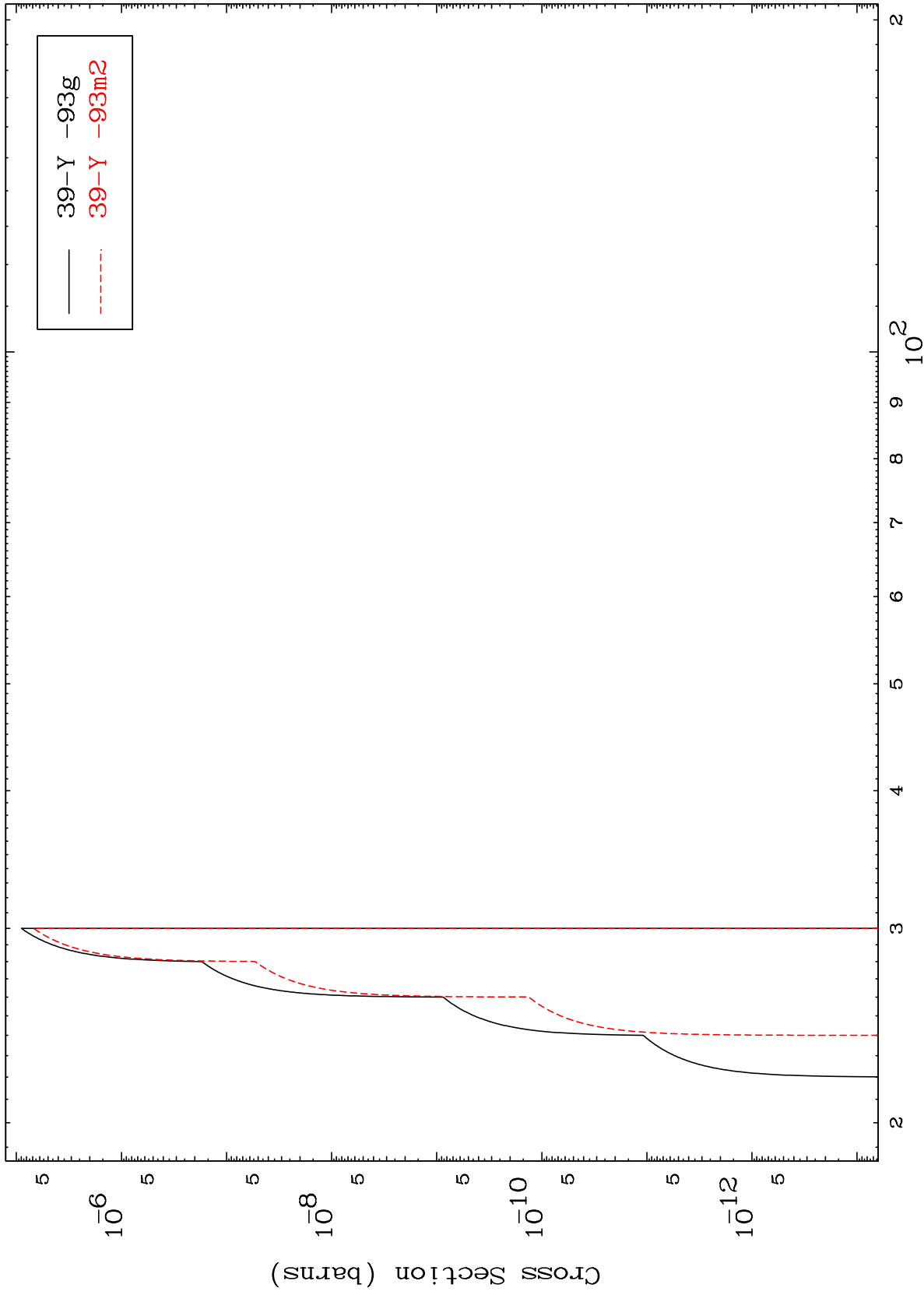
39-Y -96

MAT 3946

($\alpha, 3n$) α

39-Y -96

Radionuclide Production Cross Section



15

Incident Energy (MeV)

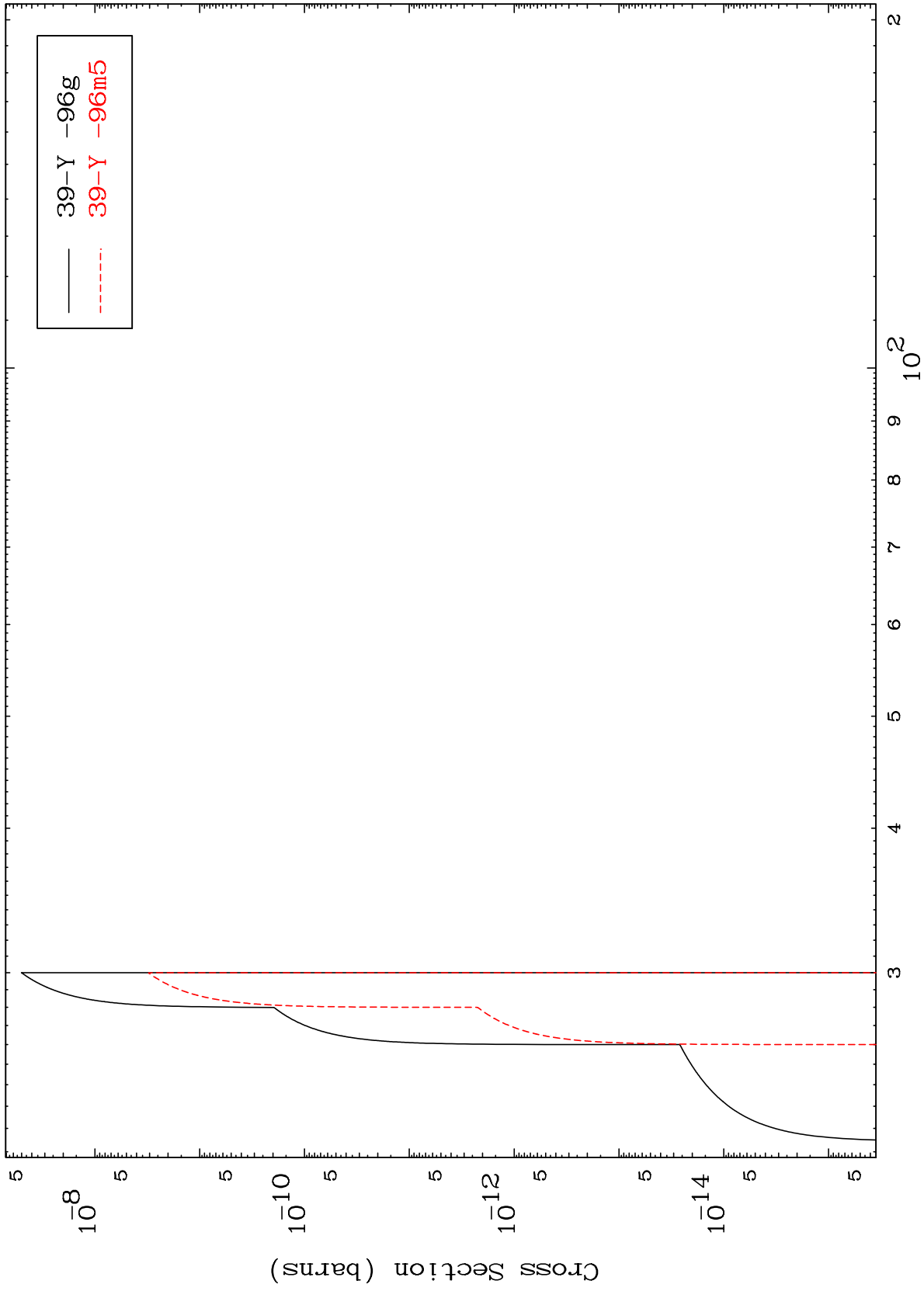
39-Y -96

MAT 3946

(α, n') He-3

39-Y -96

Radionuclide Production Cross Section



16

Incident Energy (MeV)

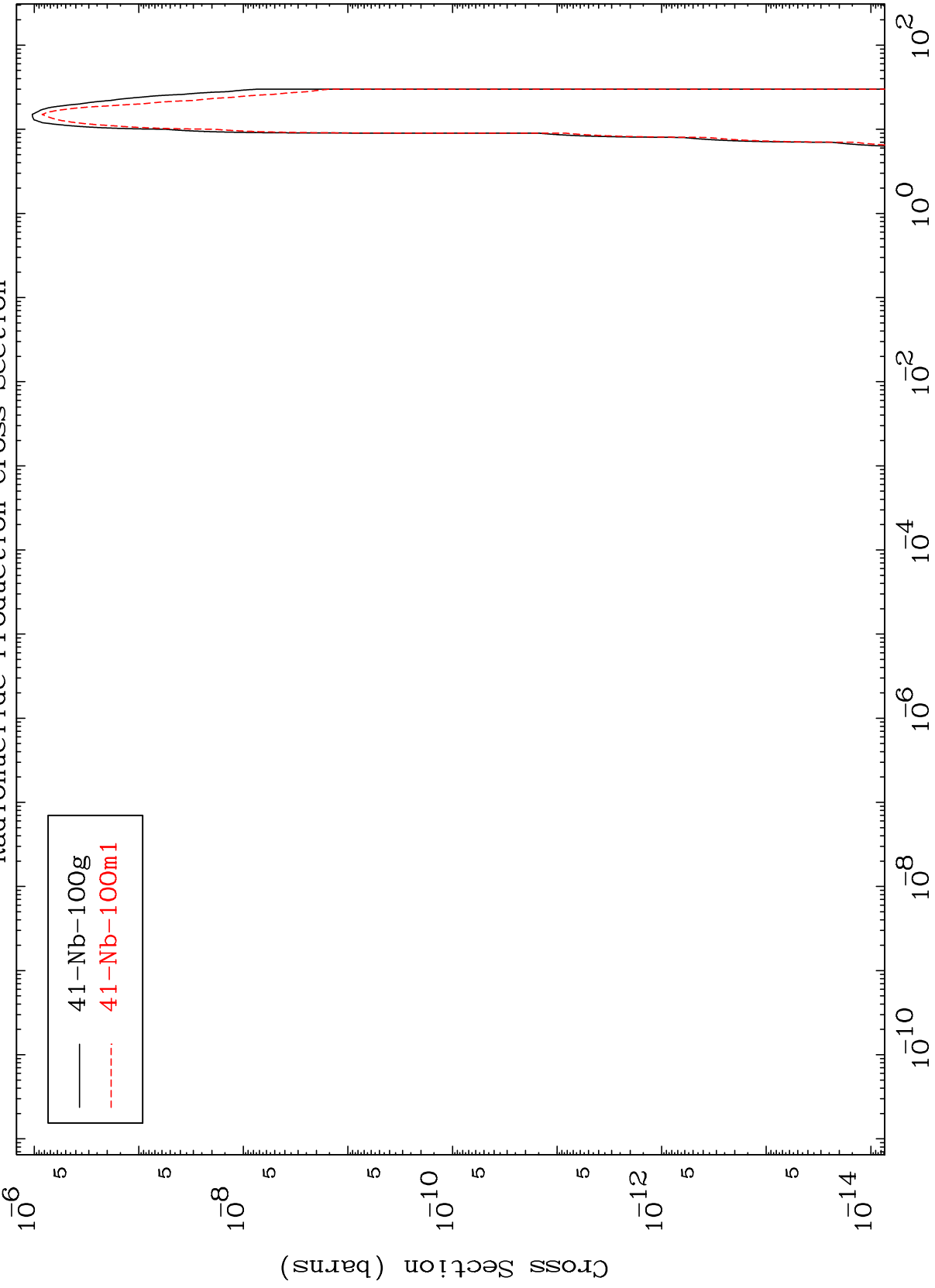
39-Y -96

MAT 3946

(α, γ)

39-Y -96

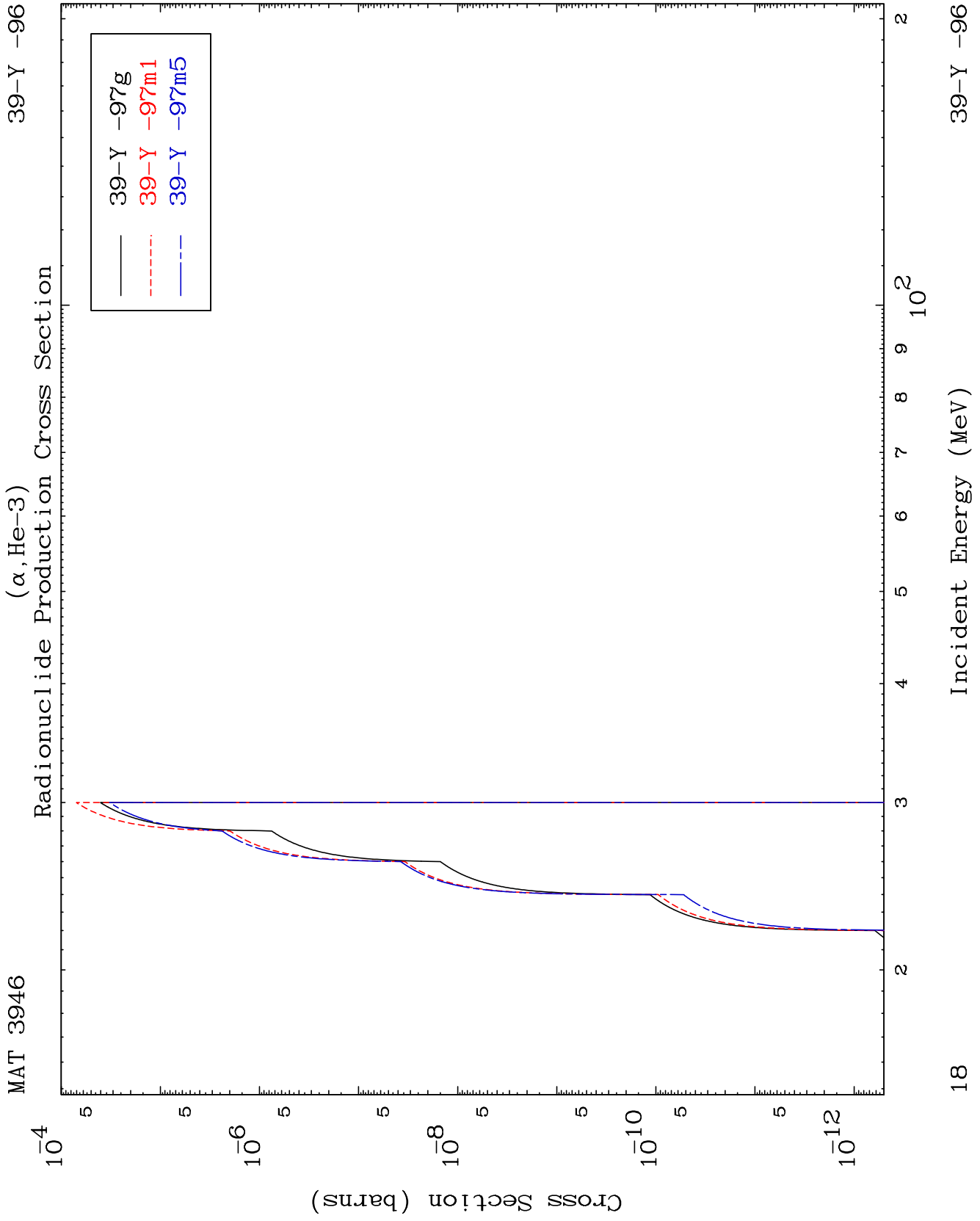
Radionuclide Production Cross Section



17

Incident Energy (MeV)

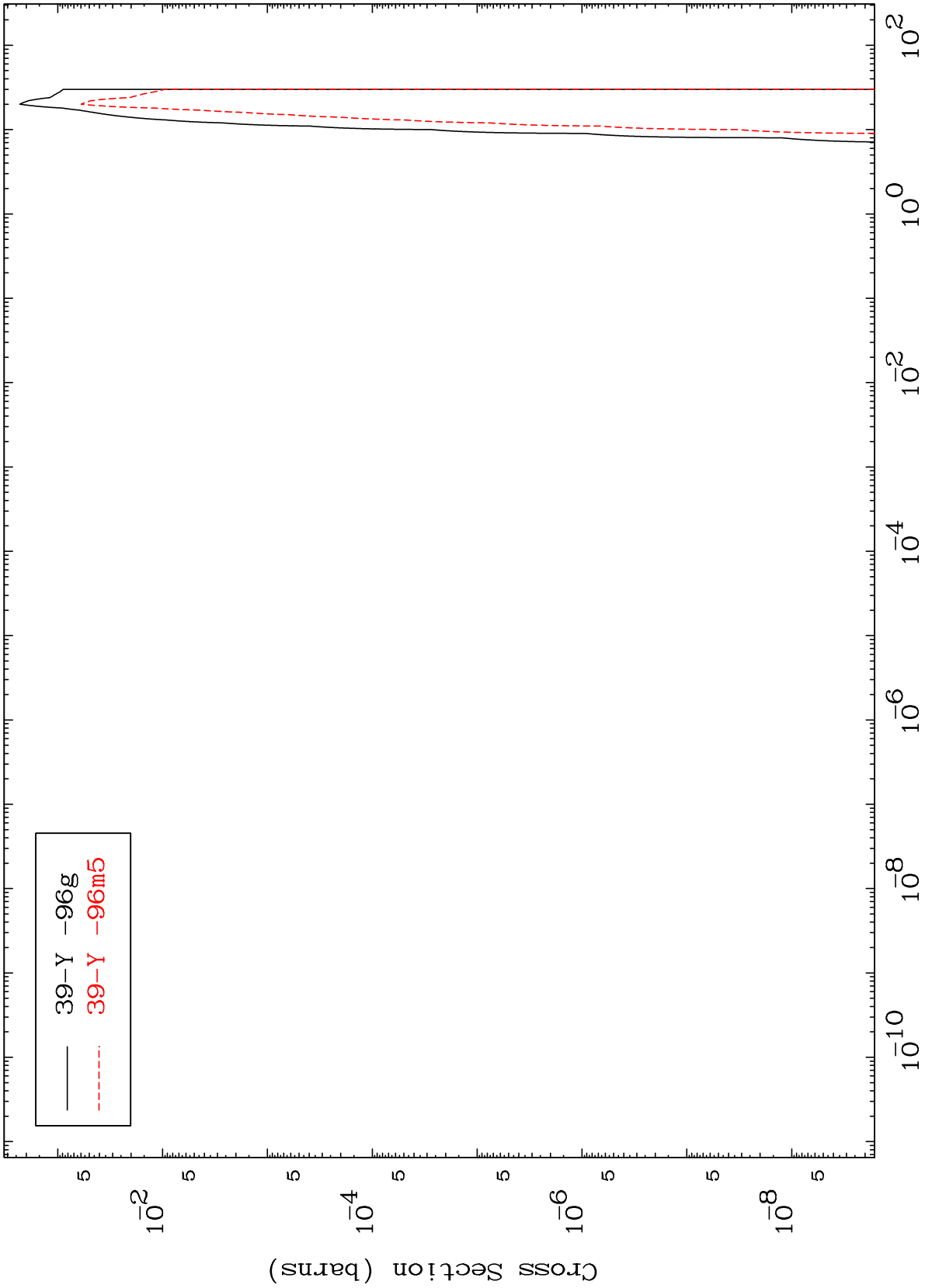
39-Y -96



MAT 3946

(α, α)
Radionuclide Production Cross Section

39-Y -96



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Incident Energy (MeV)

39-Y -96