

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

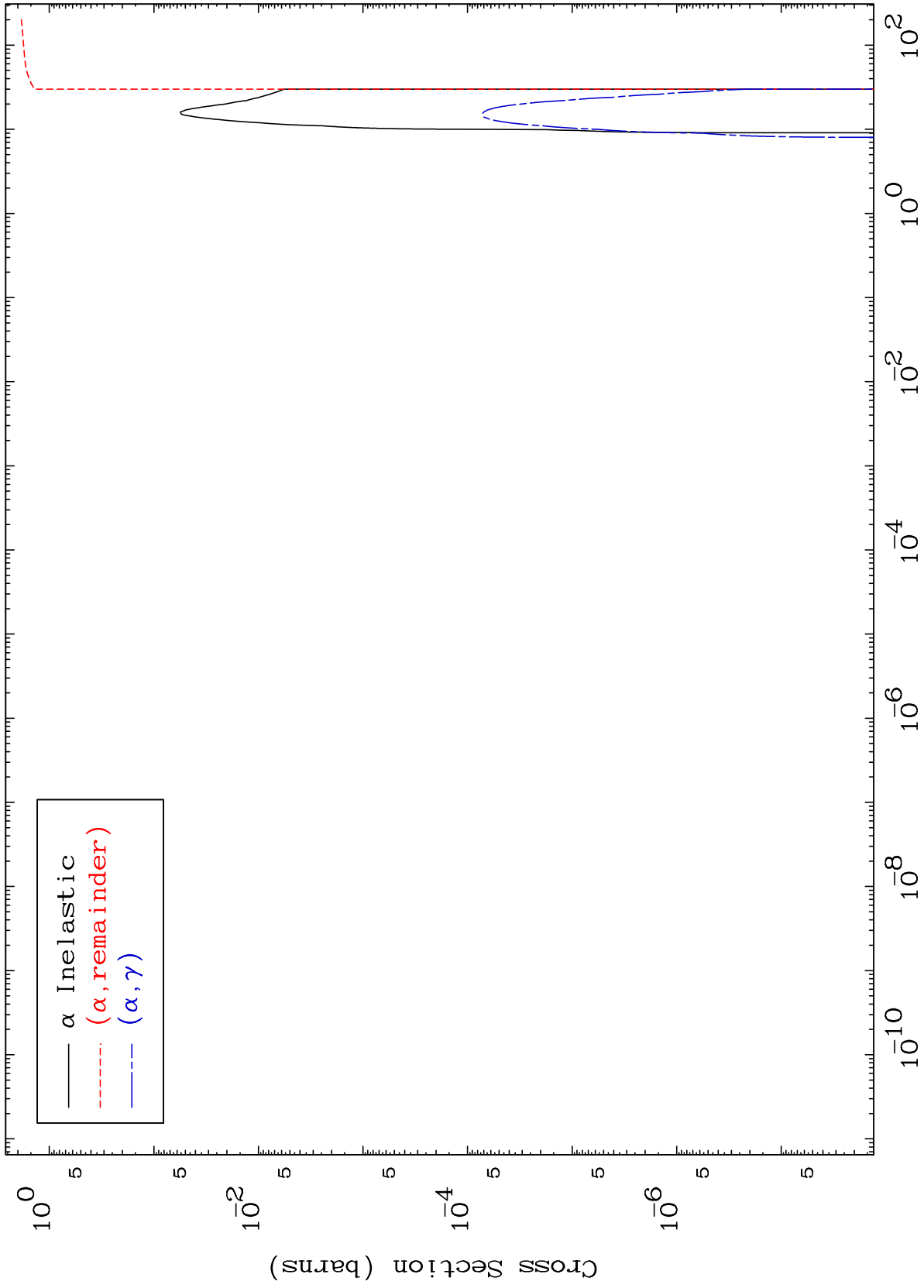
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3908

0 Kelvin α Major
Cross Sections

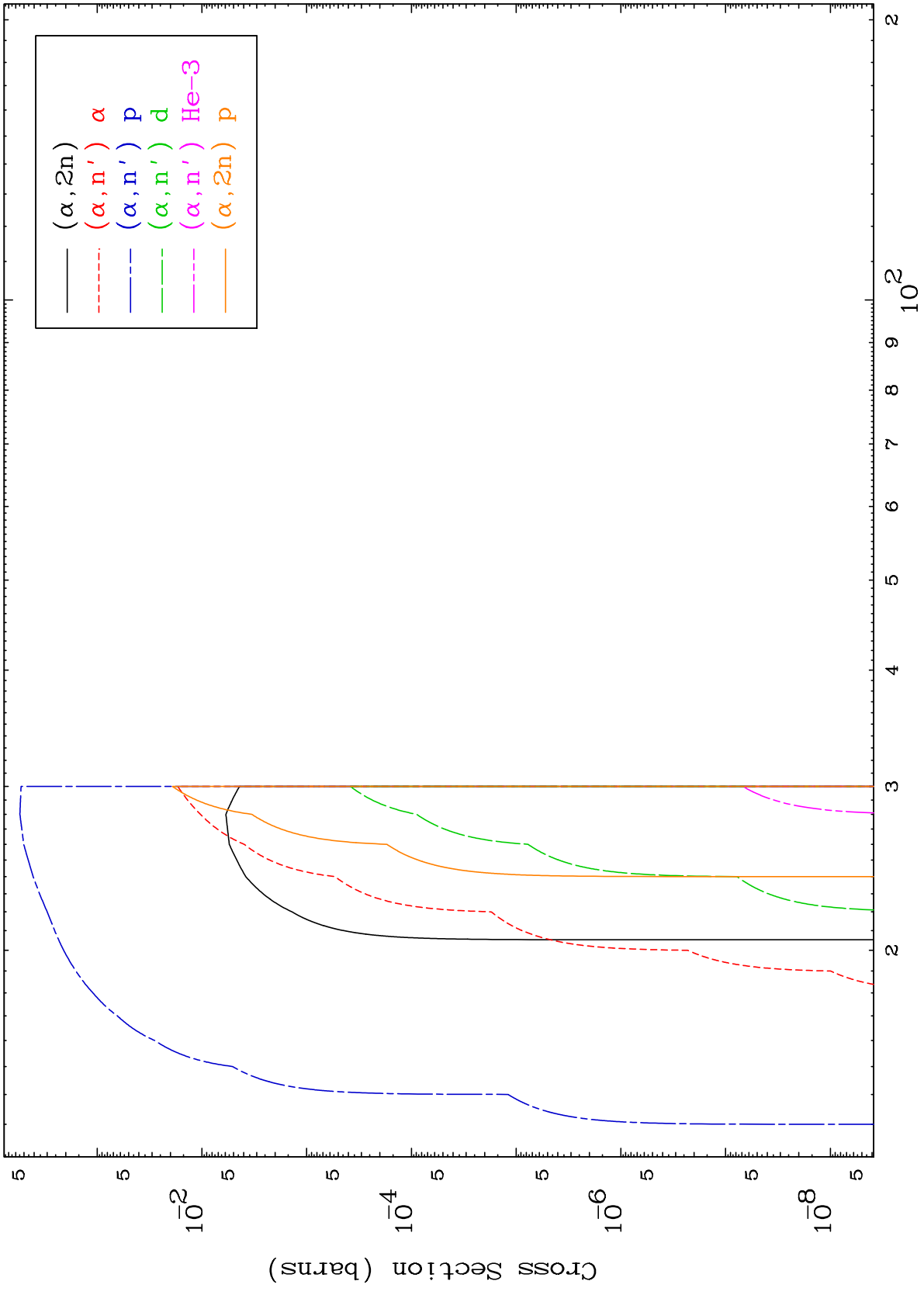
39-Y -83



1

Incident Energy (MeV)

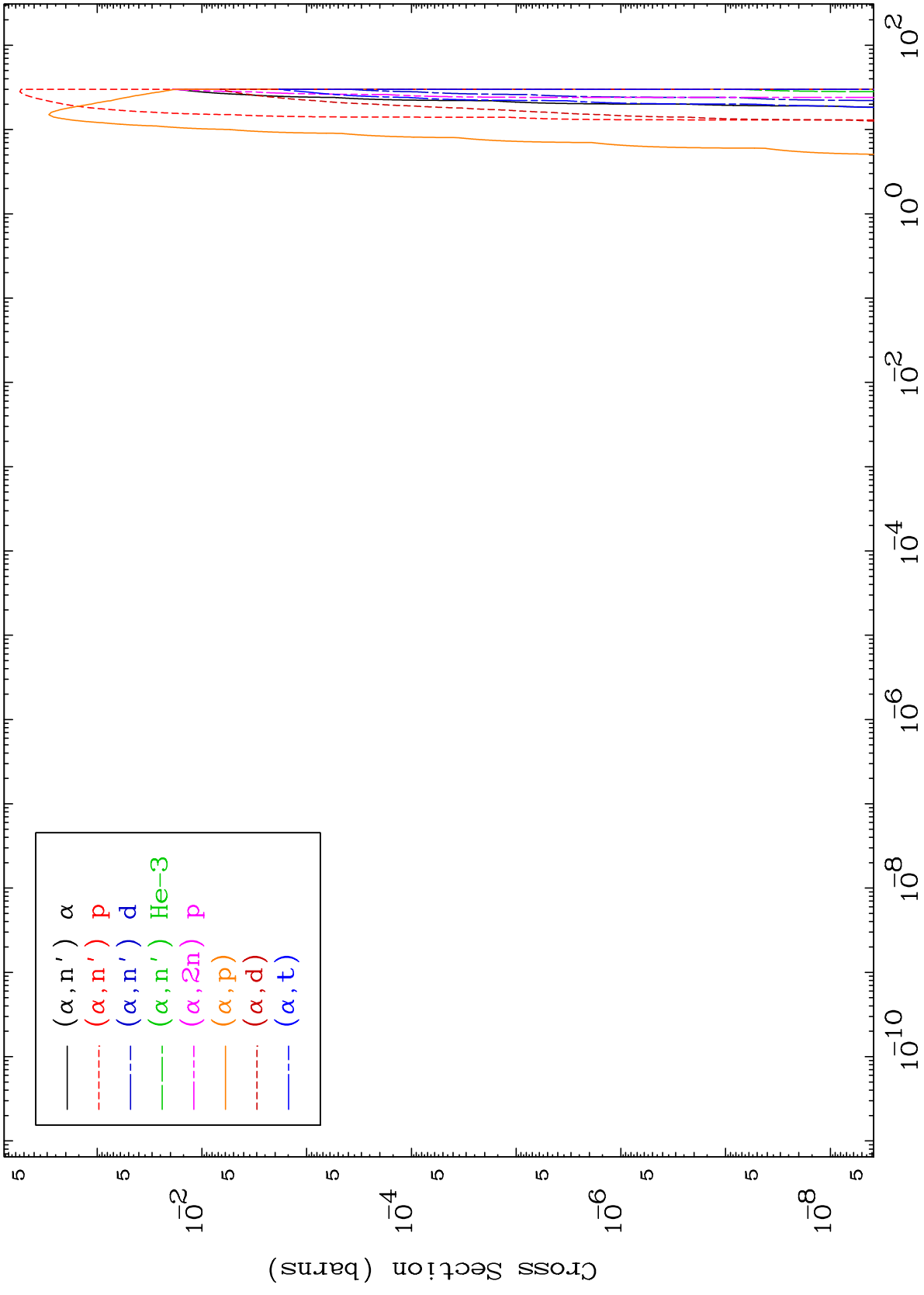
39-Y -83



MAT 3908

α Charged Particle
0 Kelvin Cross Sections

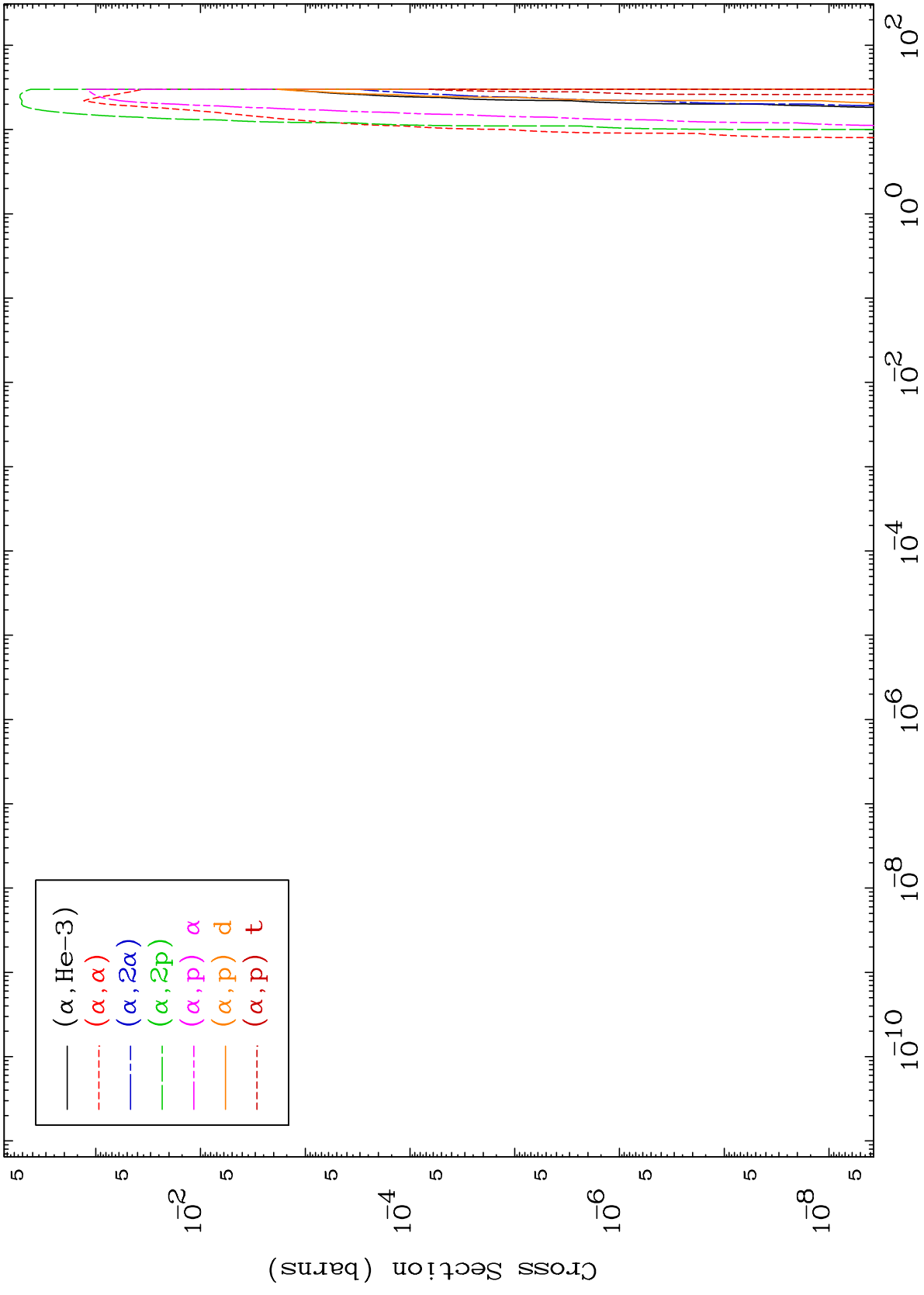
39-Y -83



3

Incident Energy (MeV)

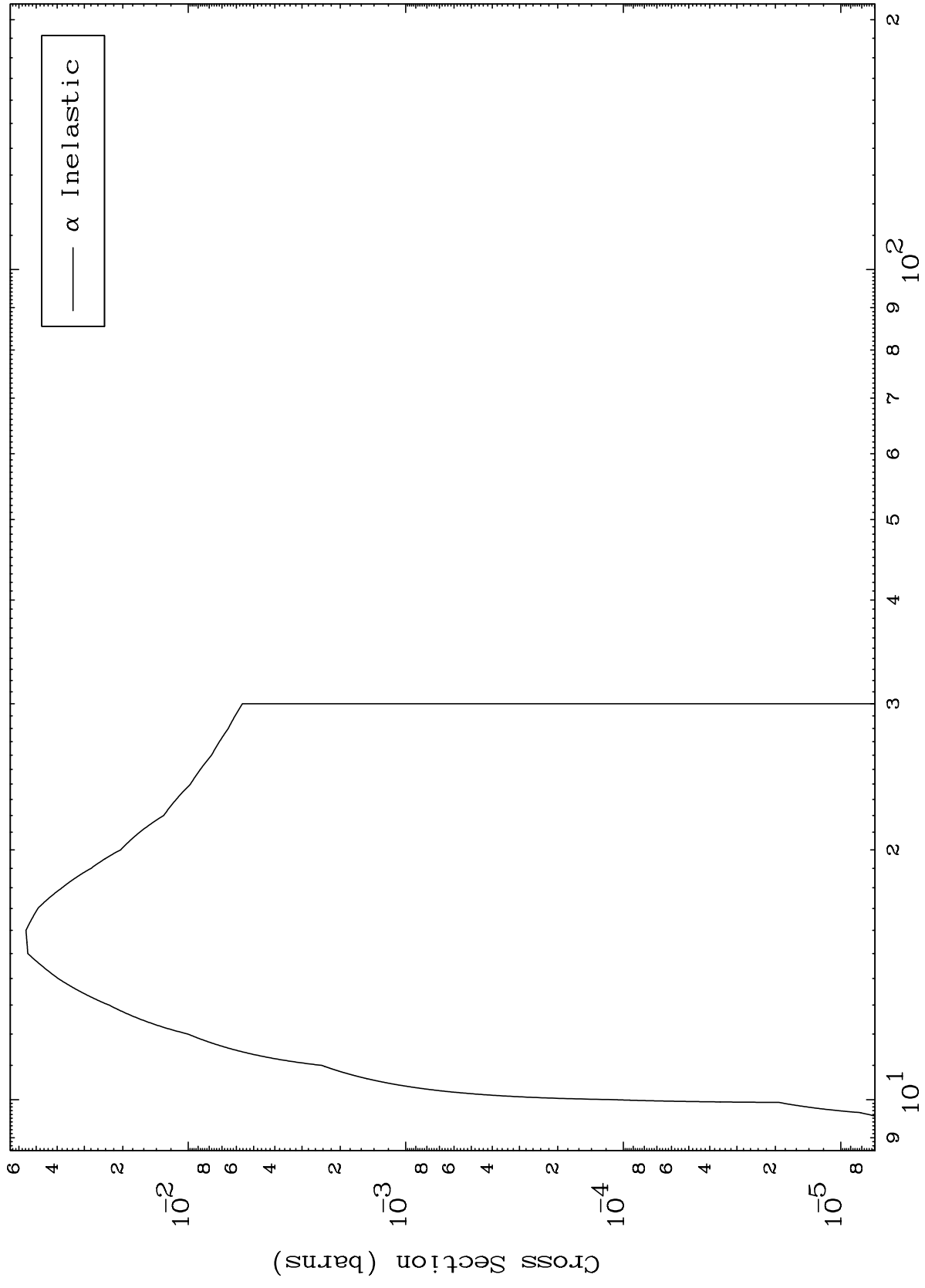
39-Y -83



MAT 3908

(α, n') Level
0 Kelvin Cross Sections

39-Y -83



5

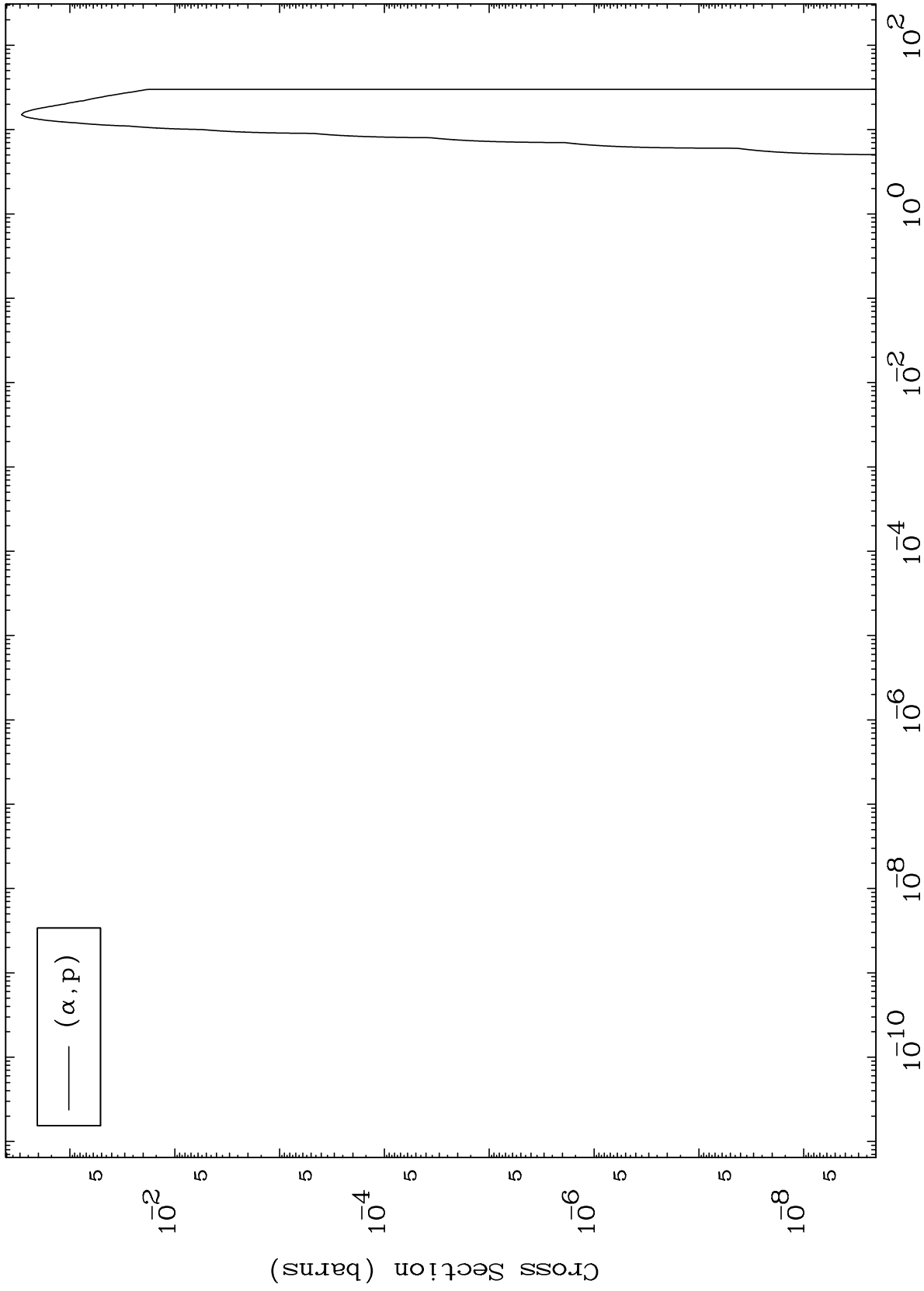
Incident Energy (MeV)

39-Y -83

MAT 3908

(α, p) Levels
0 Kelvin Cross Sections

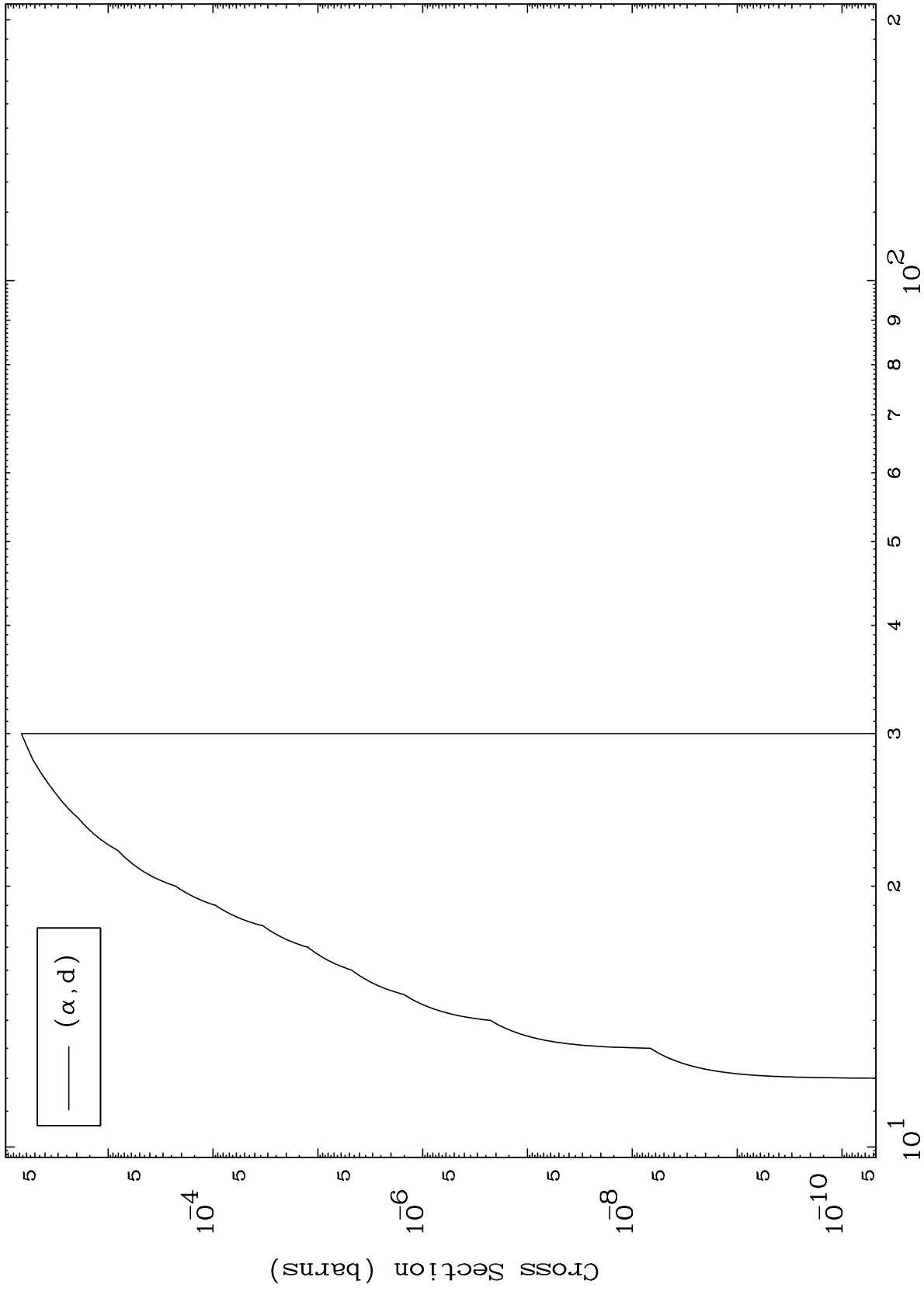
39-Y -83

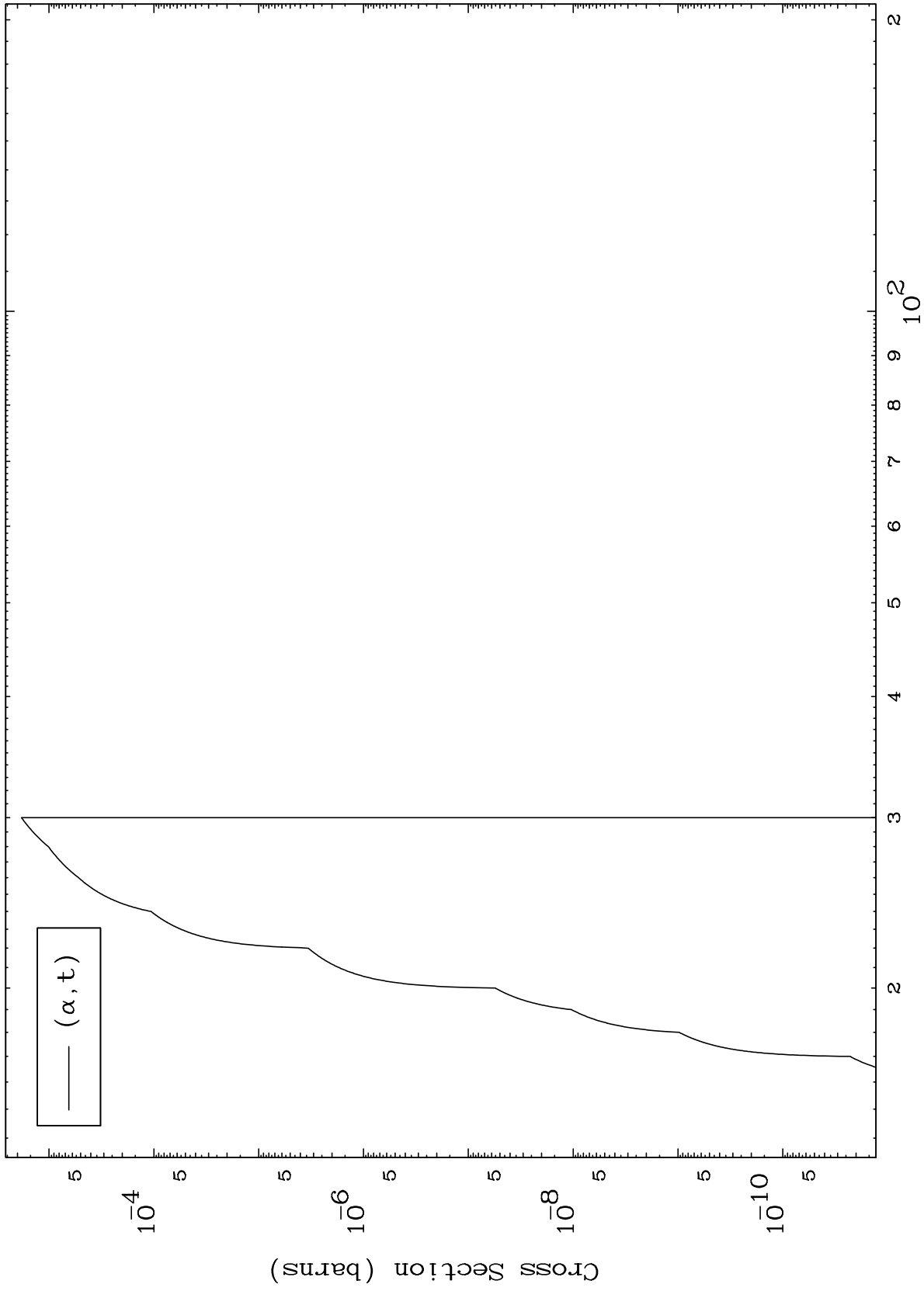


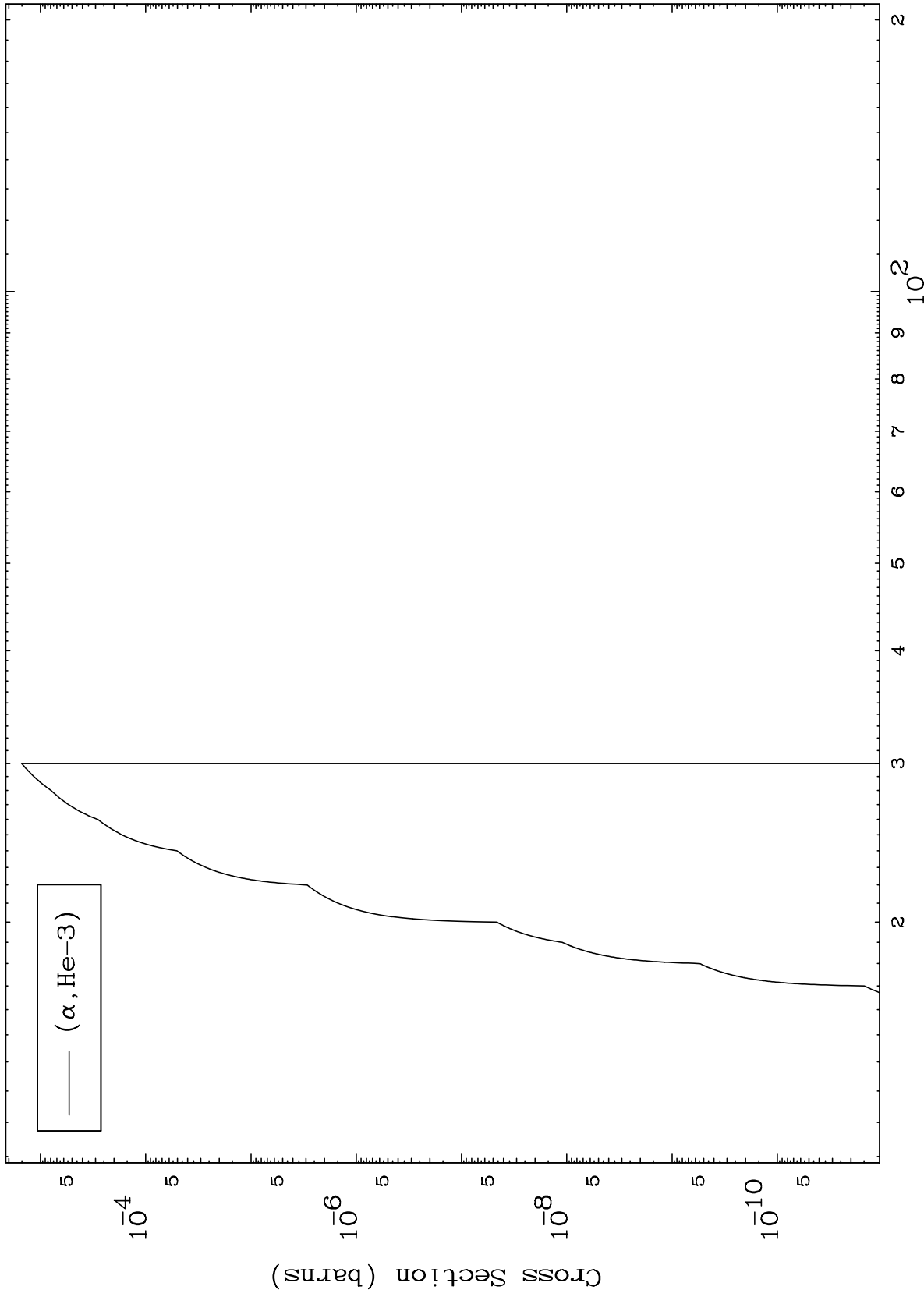
6

Incident Energy (MeV)

39-Y -83



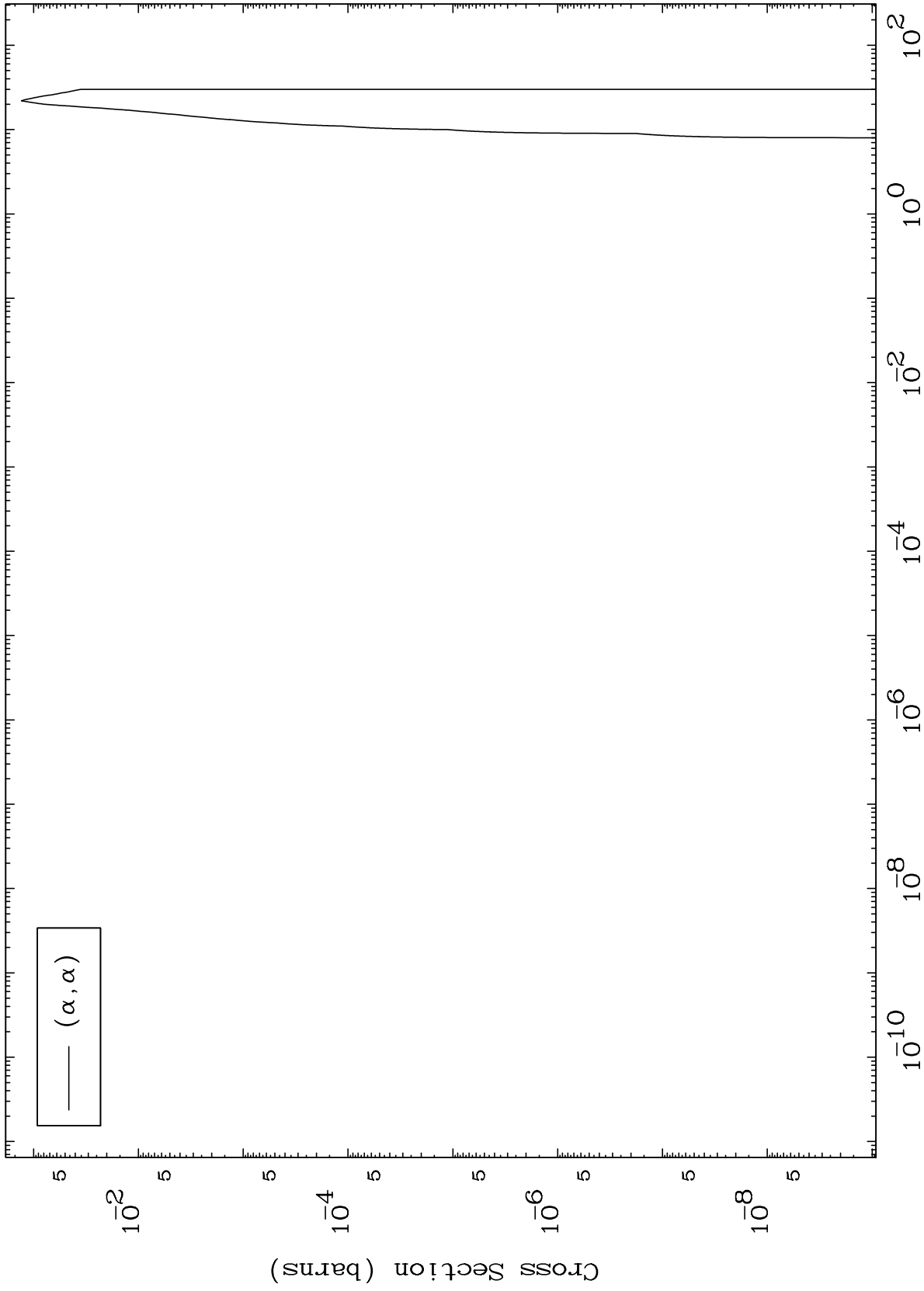




MAT 3908

(α, α) Levels
0 Kelvin Cross Sections

39-Y -83

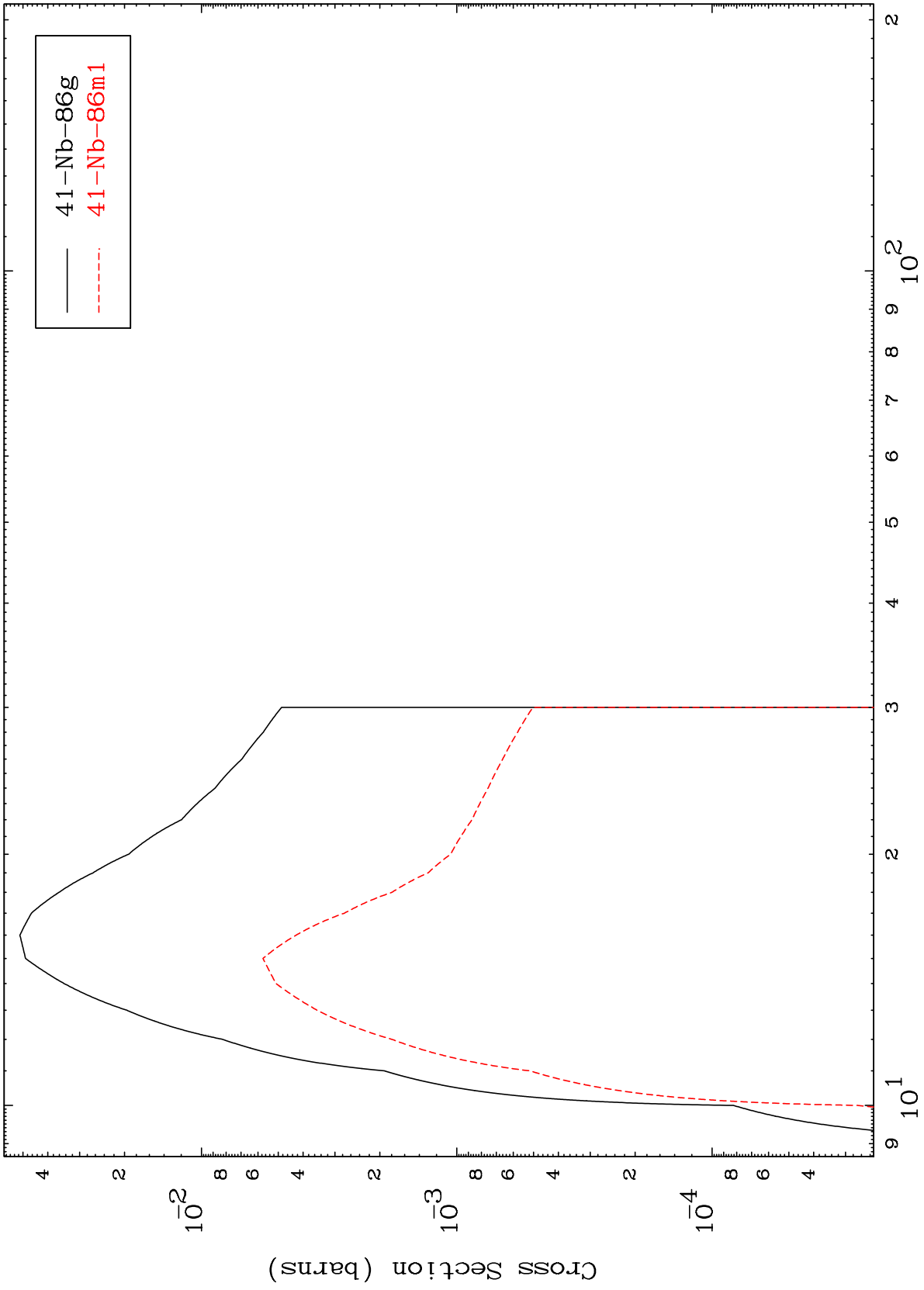


10

Incident Energy (MeV)

39-Y -83

α Inelastic
Radionuclide Production Cross Section

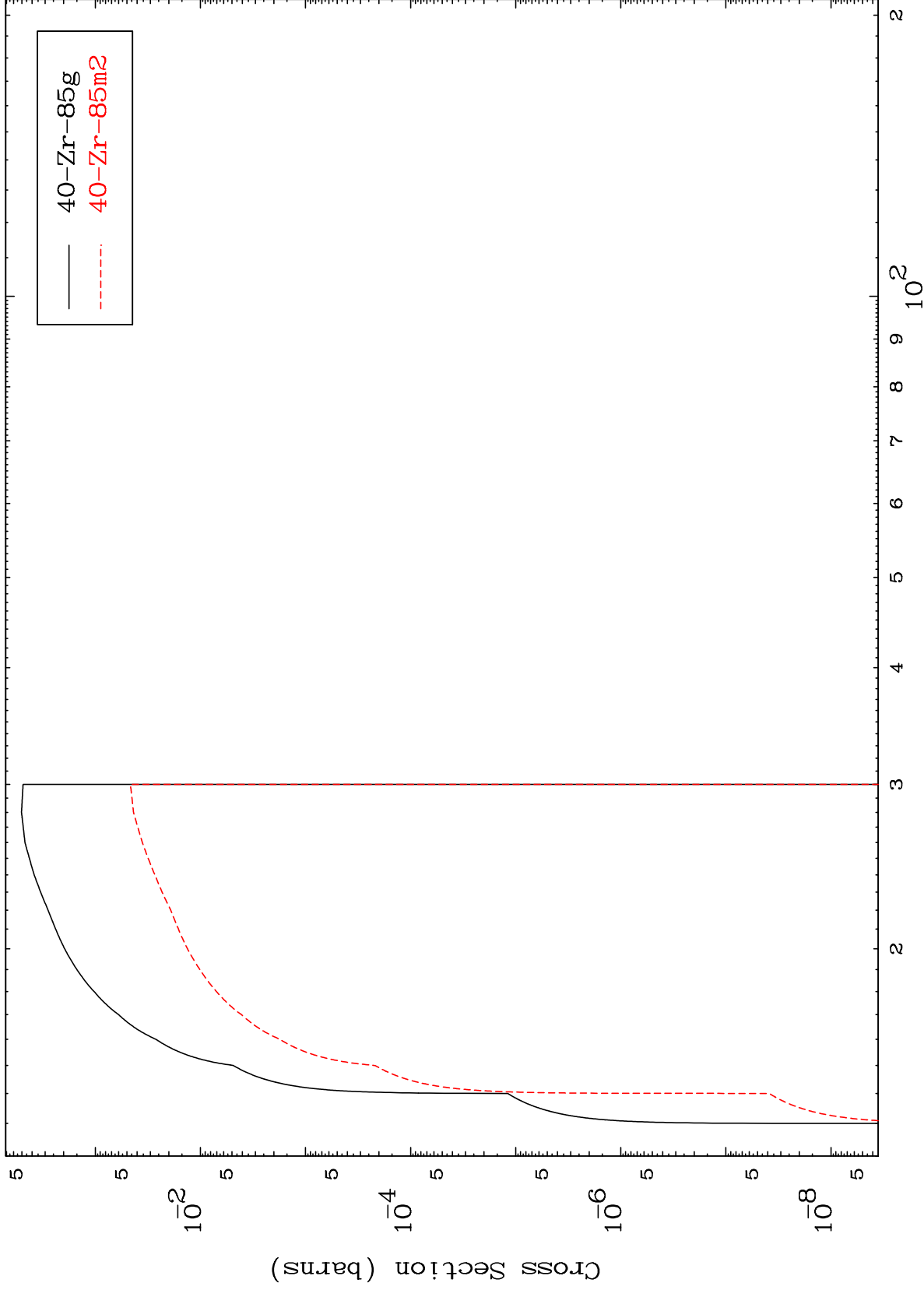


MAT 3908

(α, n') p

39-Y -83

Radionuclide Production Cross Section



12

Incident Energy (MeV)

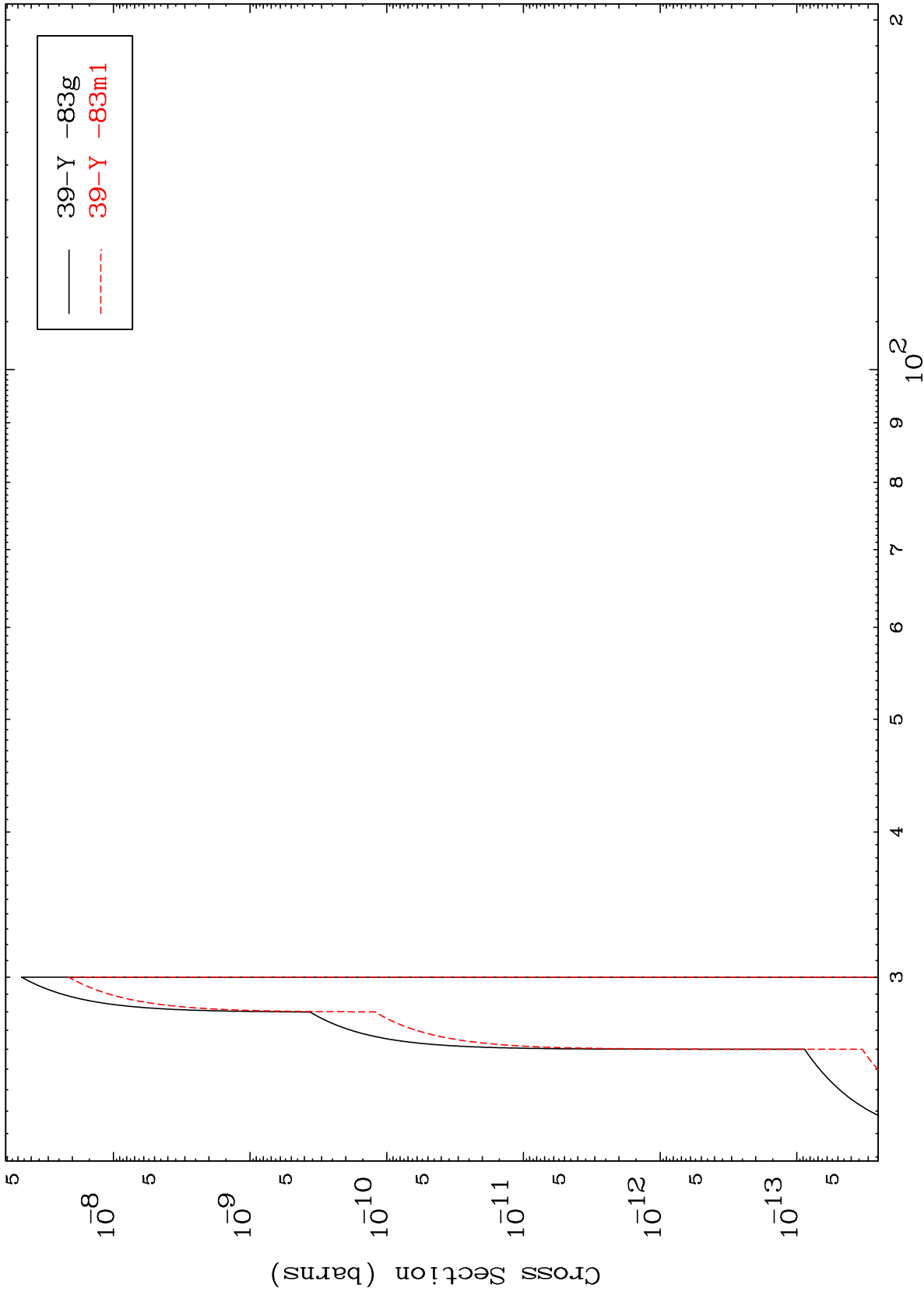
39-Y -83

MAT 3908

(α, n') He-3

39-Y -83

Radionuclide Production Cross Section



13

Incident Energy (MeV)

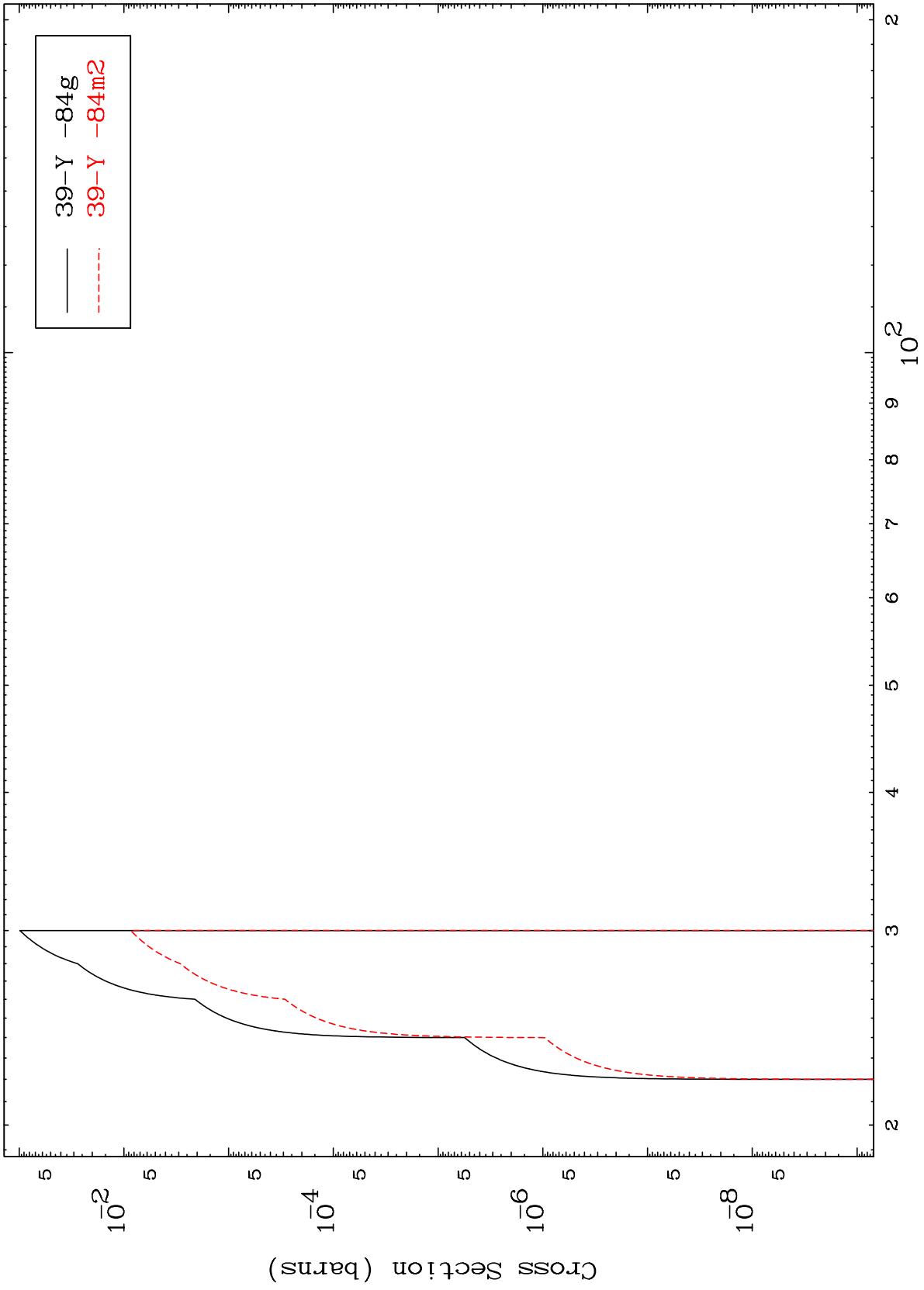
39-Y -83

MAT 3908

($\alpha, 2n$) p

39-Y -83

Radionuclide Production Cross Section



14

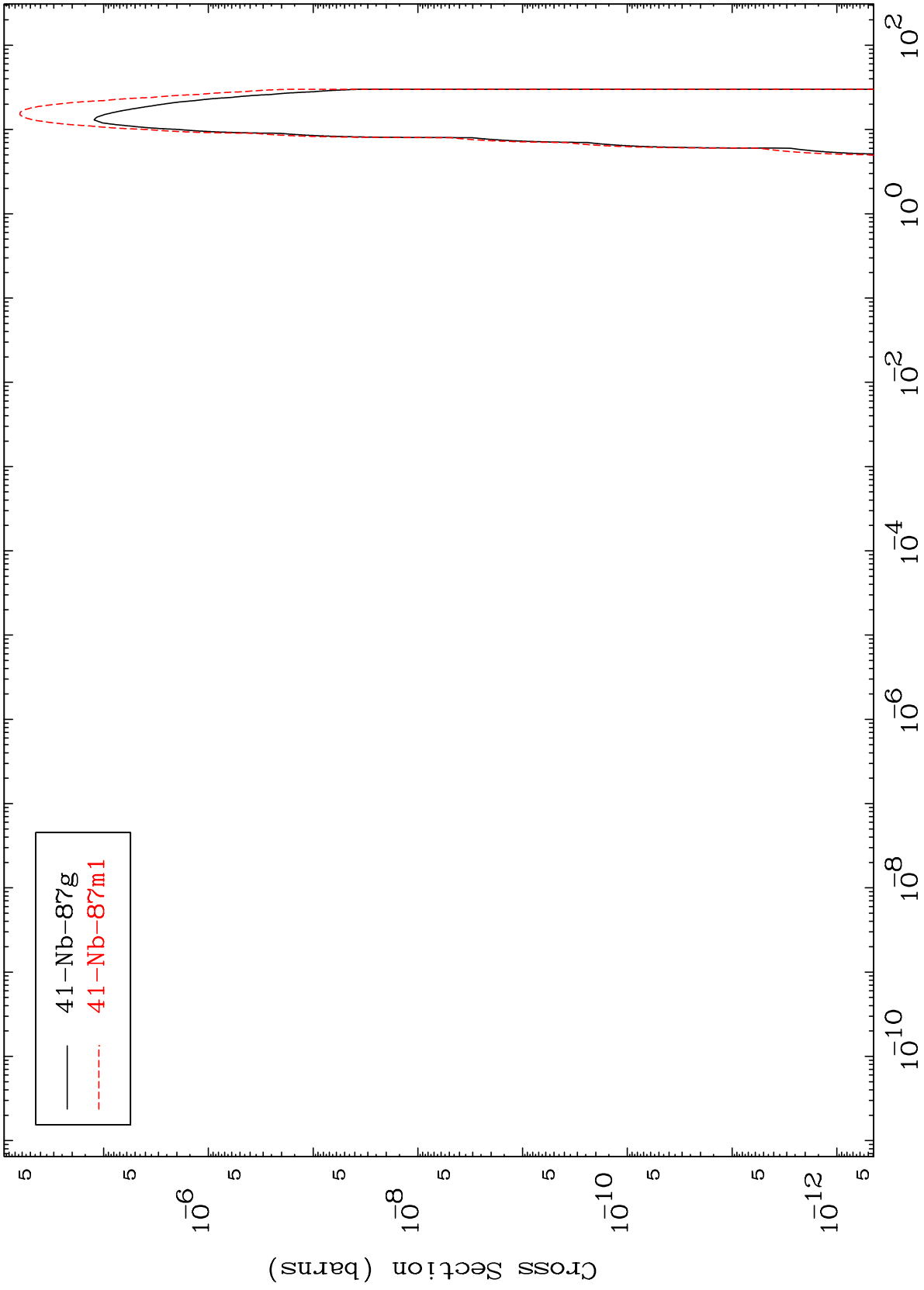
Incident Energy (MeV)

39-Y -83

MAT 3908

Radionuclide Production Cross Section
(α, γ)

39-Y -83



— 41-Nb-87g
- - - 41-Nb-87m1

15

Incident Energy (MeV)

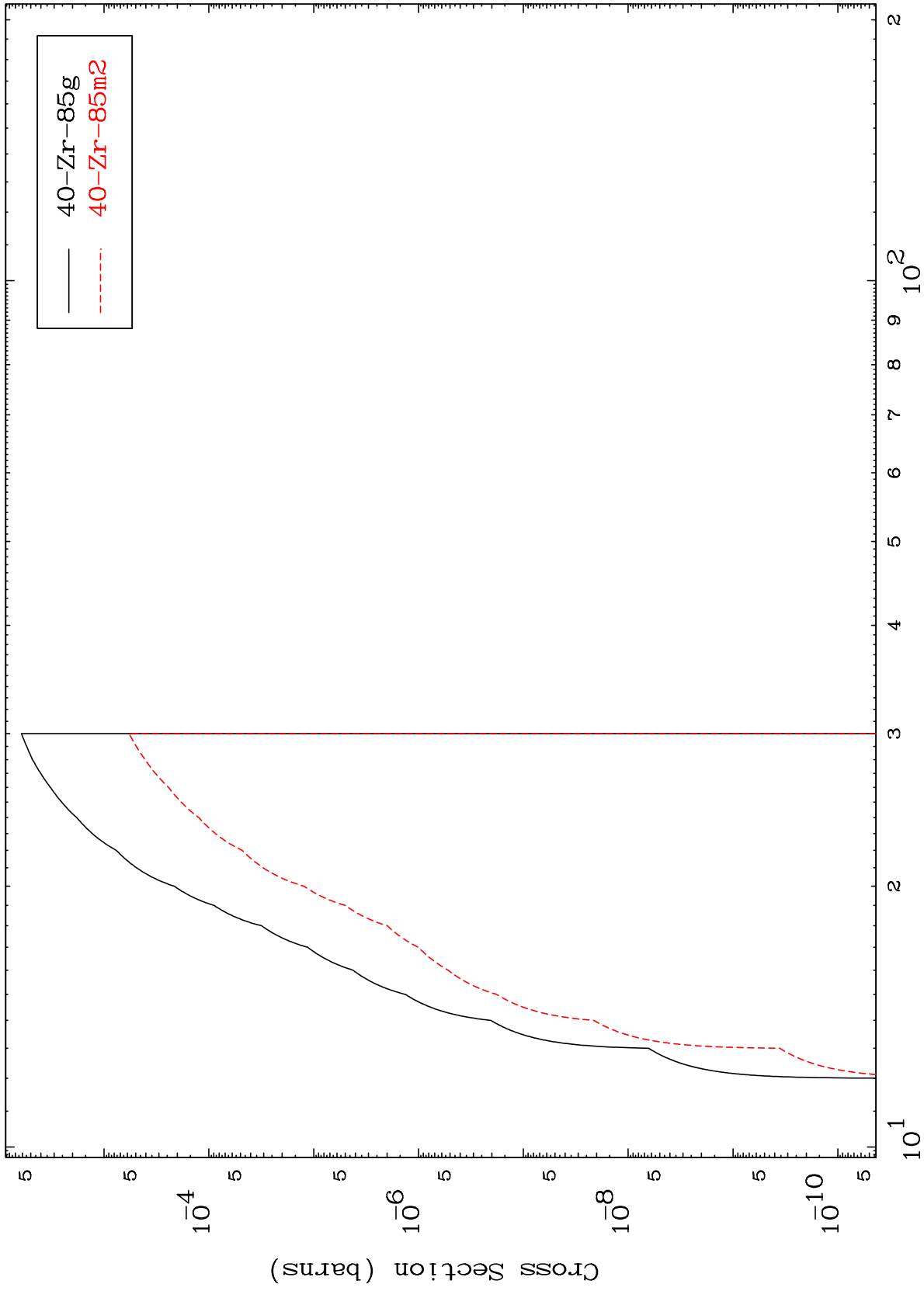
39-Y -83

MAT 3908

(α, d)

39-Y -83

Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -83

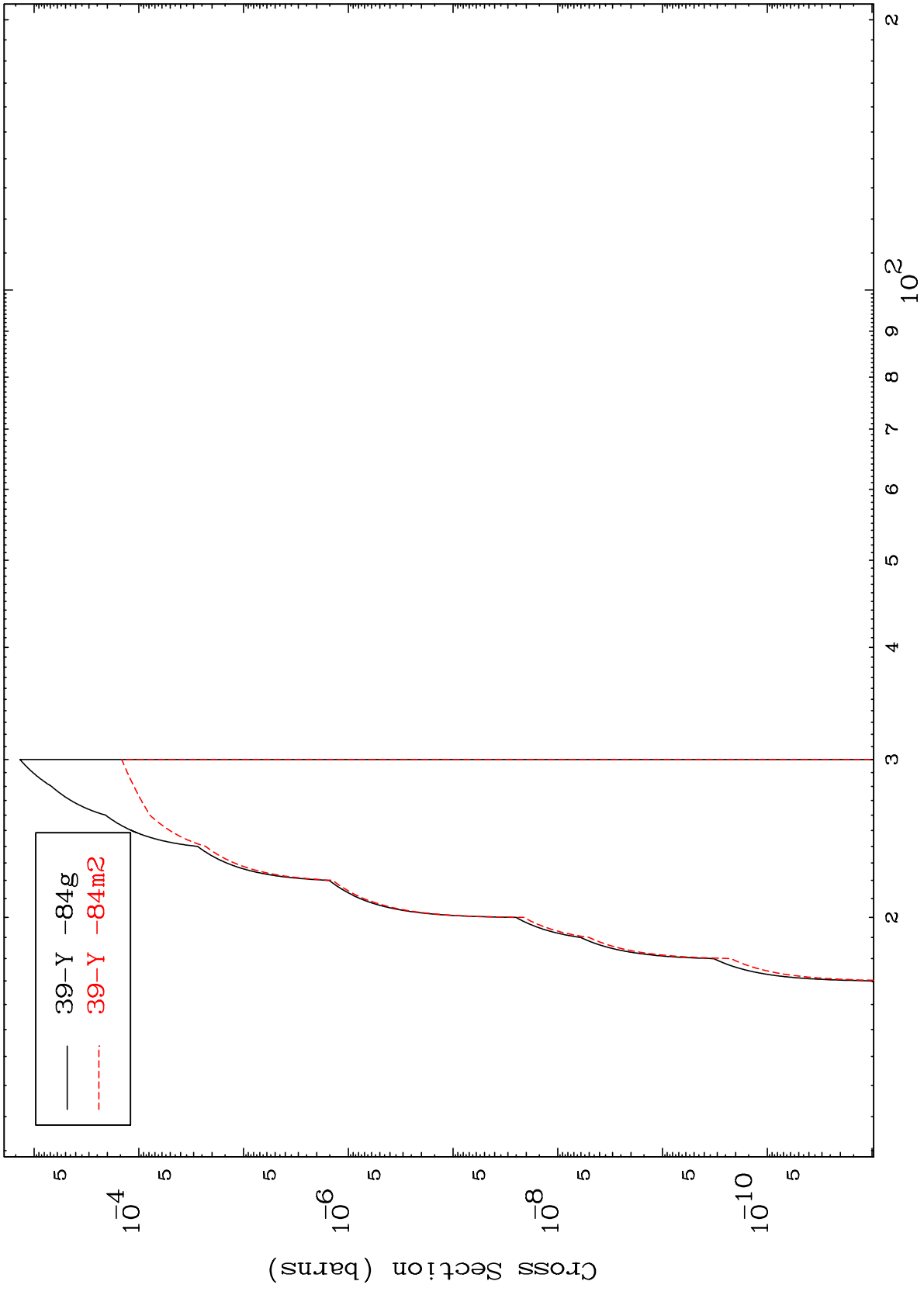
16

MAT 3908

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

39-Y -83

Radionuclide Production Cross Section



17

Incident Energy (MeV)

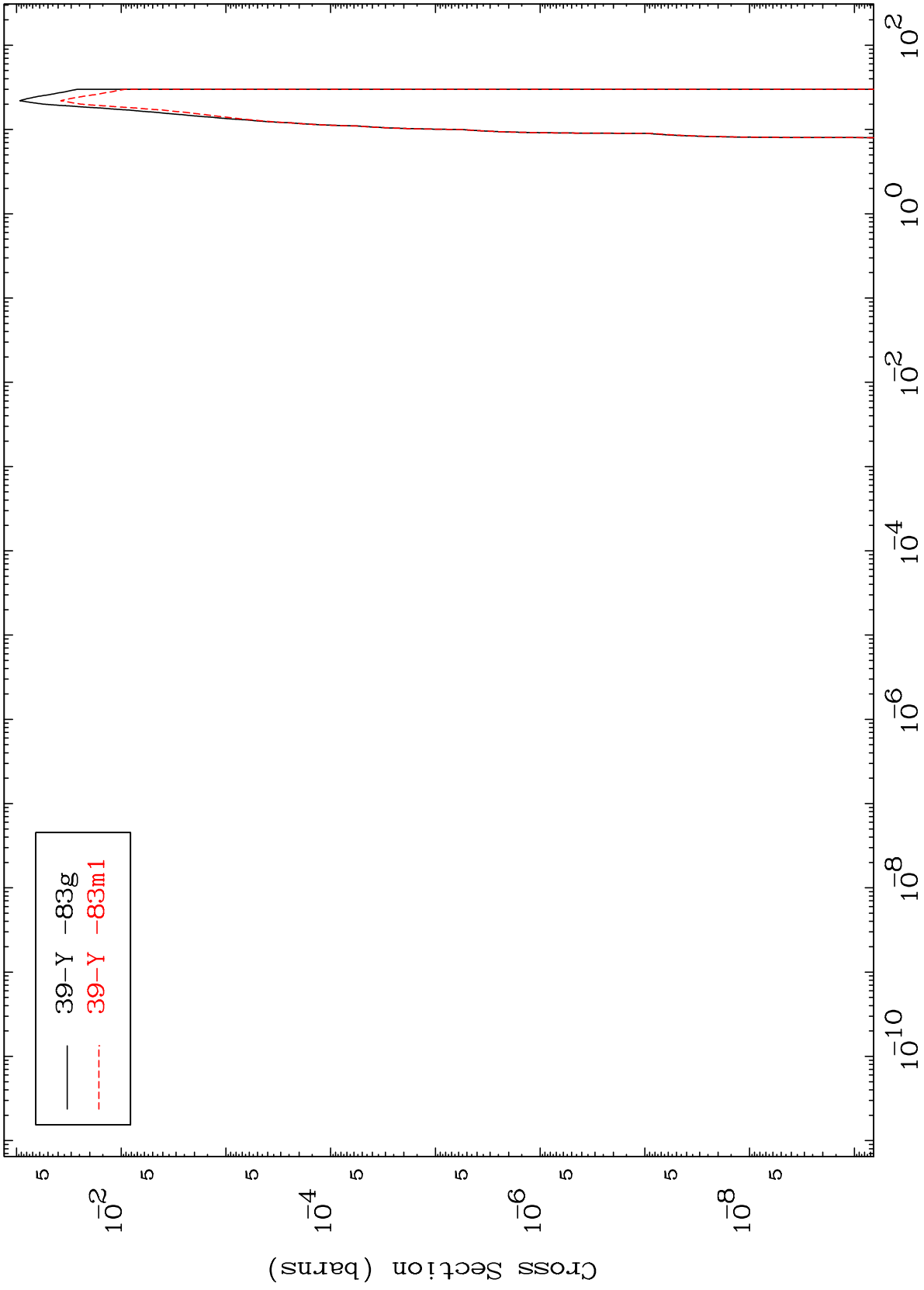
39-Y -83

MAT 3908

(α, α)

39-Y -83

Radionuclide Production Cross Section



18

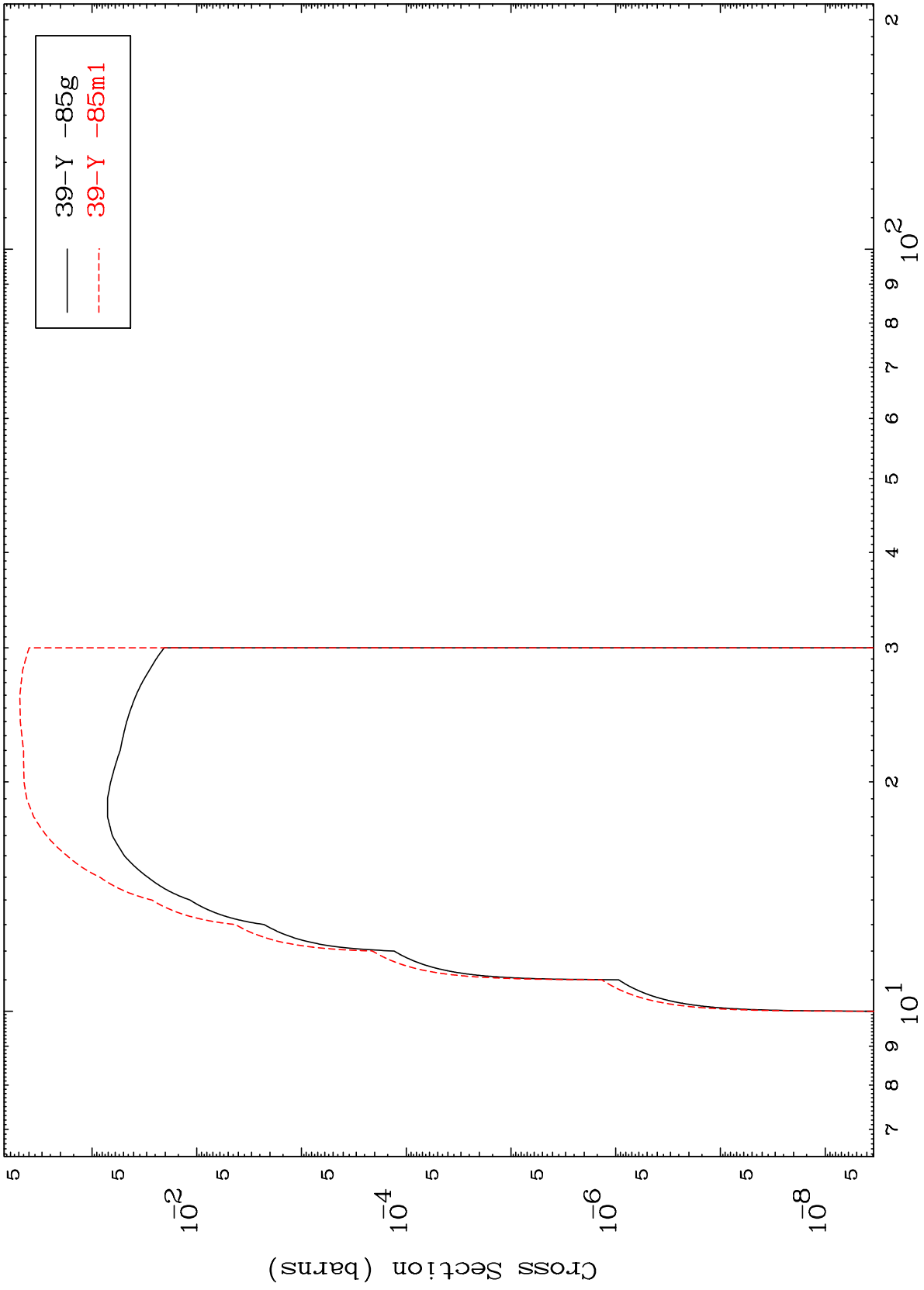
Incident Energy (MeV)

39-Y -83

MAT 3908

39-Y -83

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



19

Incident Energy (MeV)

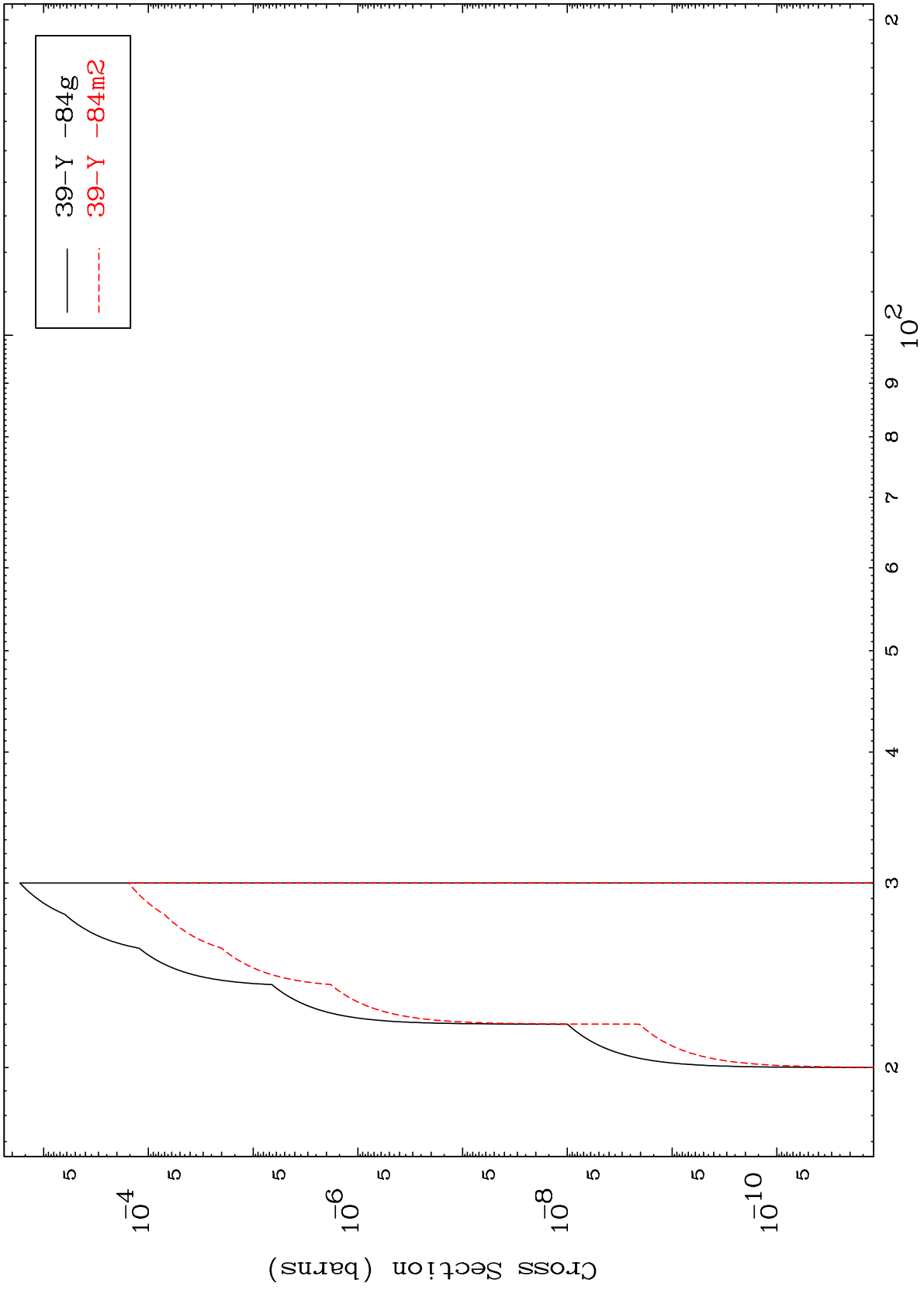
39-Y -83

MAT 3908

(α, p) d

39-Y -83

Radionuclide Production Cross Section



20

Incident Energy (MeV)

39-Y -83

Radionuclide Production Cross Section

