

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

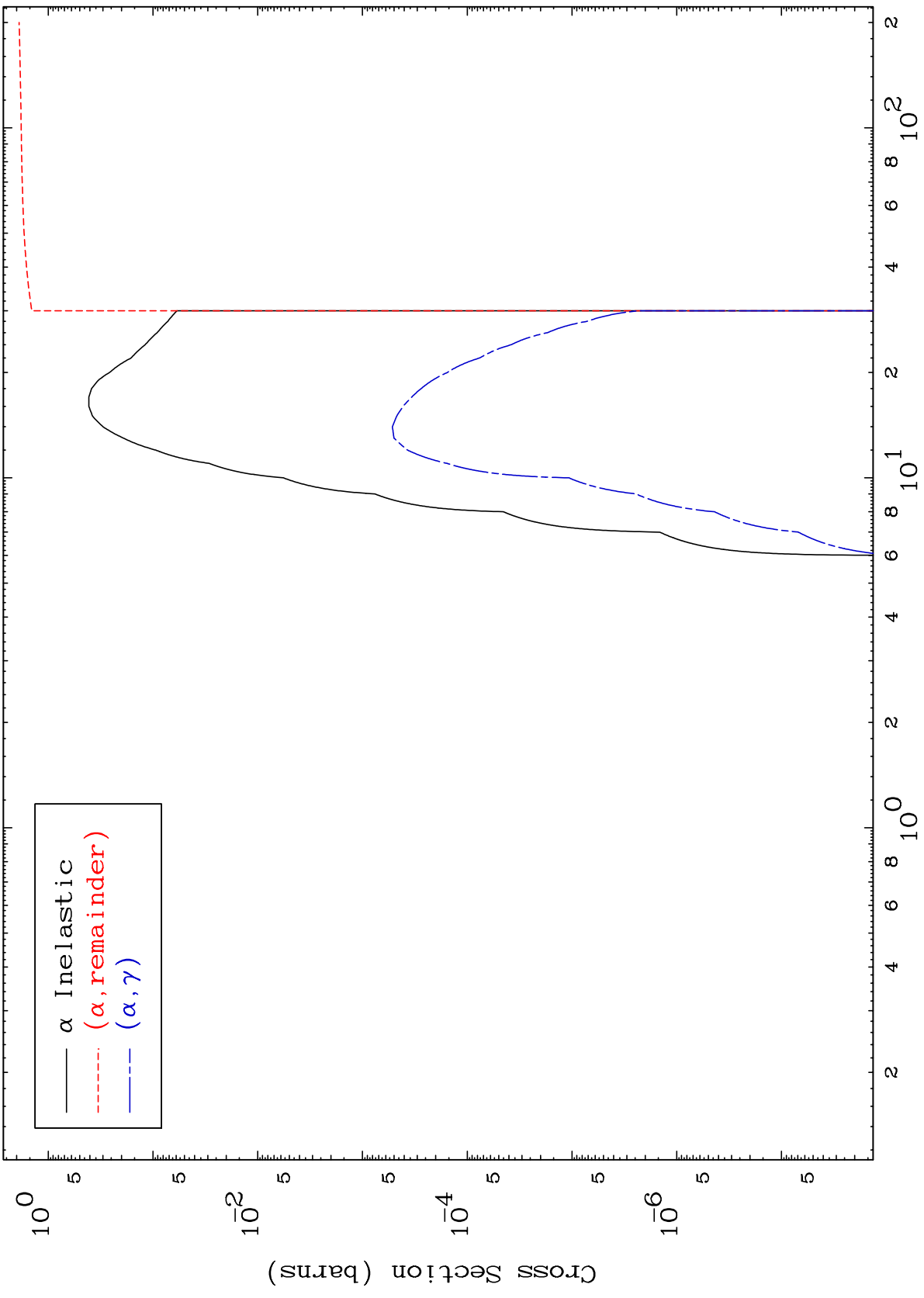
Press Mouse Button to Start

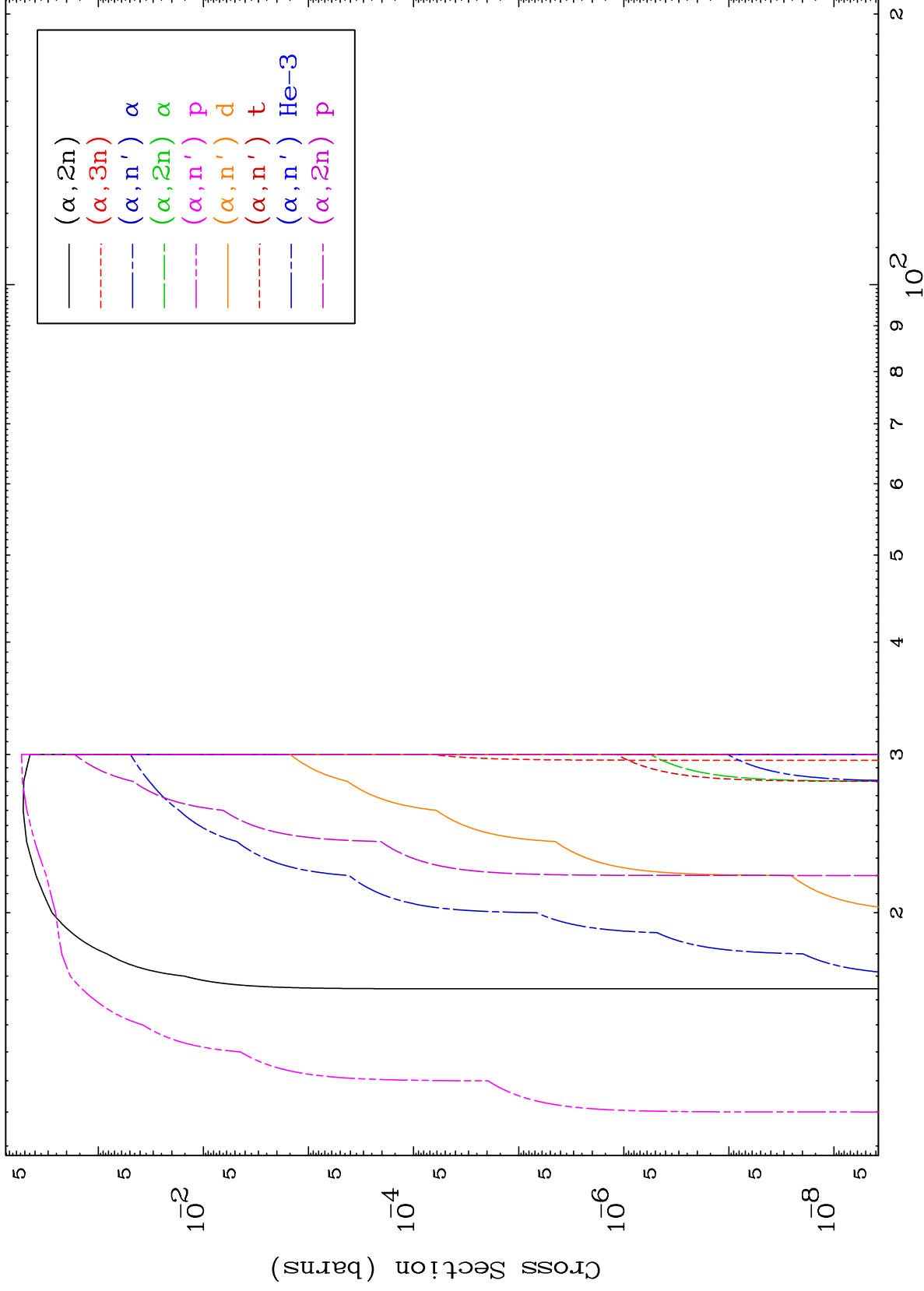
MAT 3920

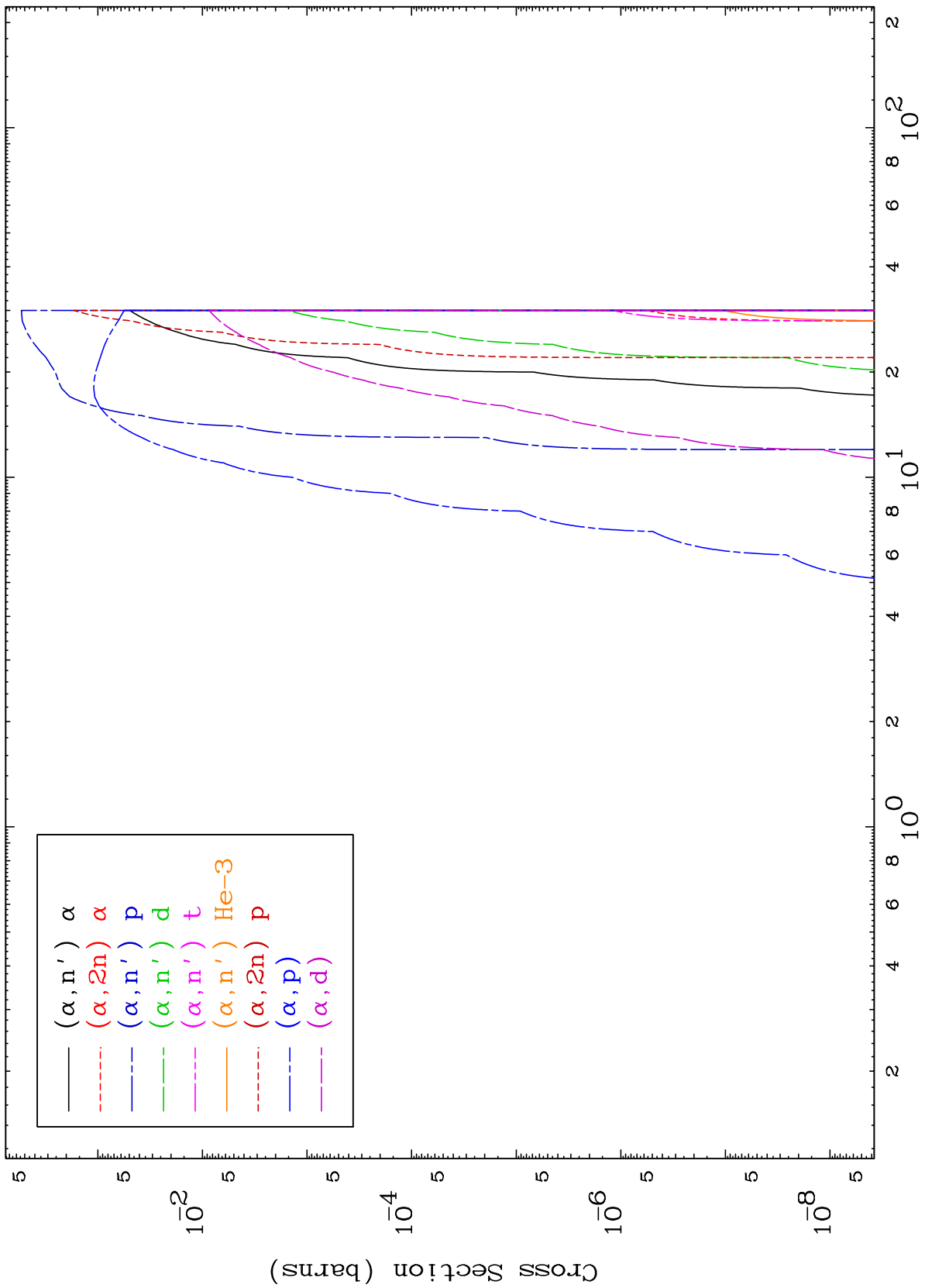
α Major

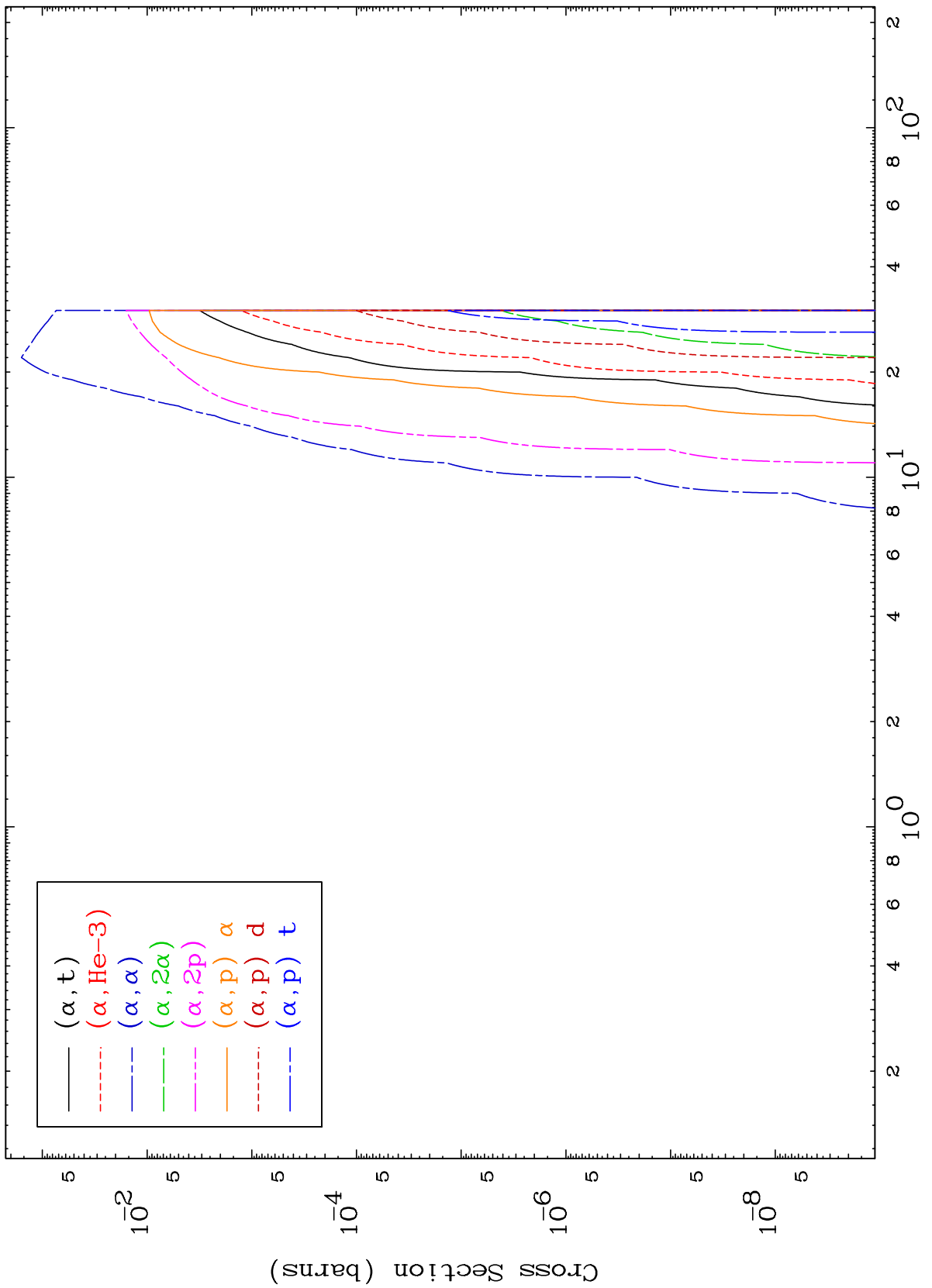
39-Y -87

0 Kelvin Cross Sections







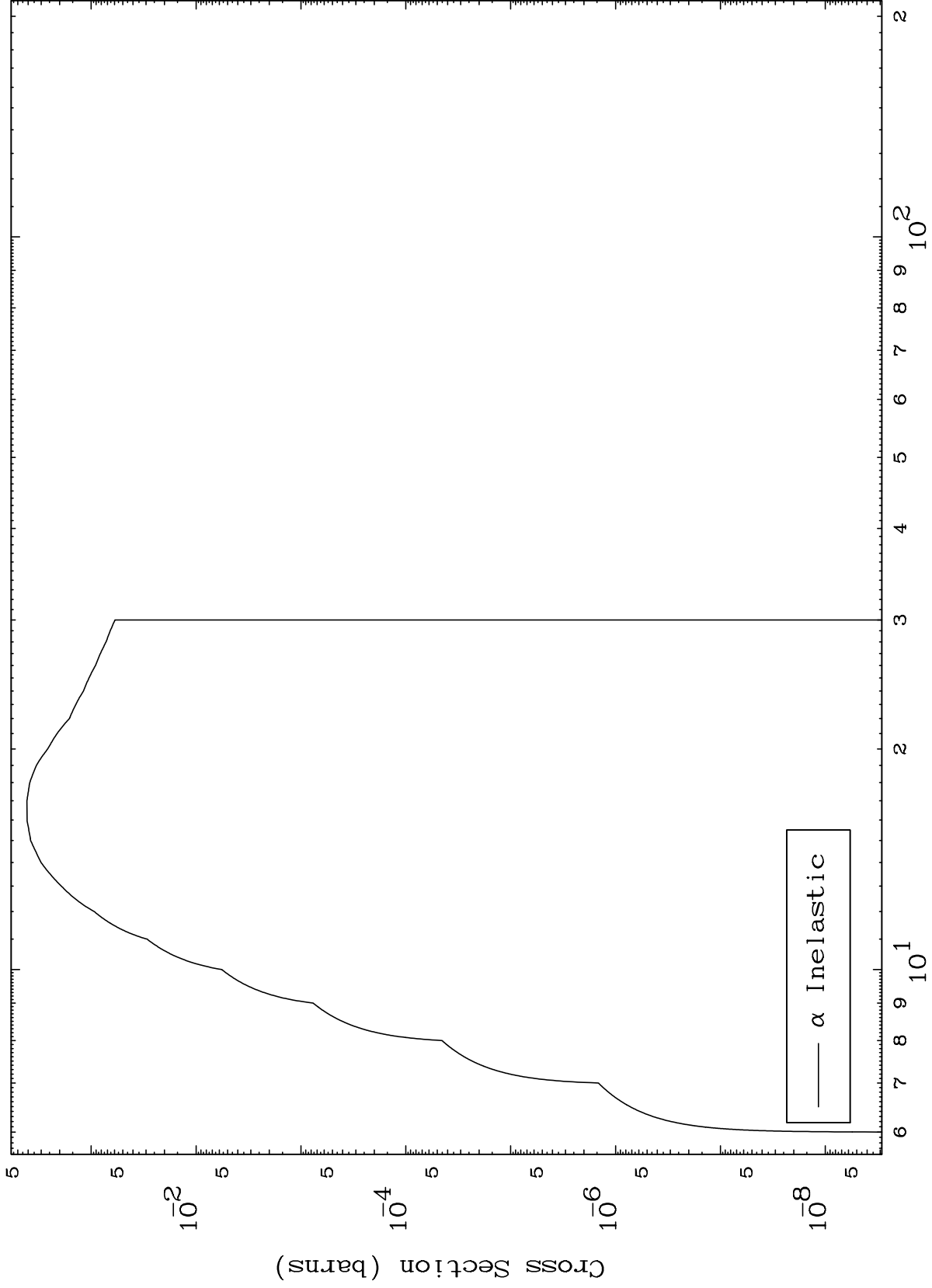


MAT 3920

(α, n') Level

39-Y -87

0 Kelvin Cross Sections



Incident Energy (MeV)

39-Y -87

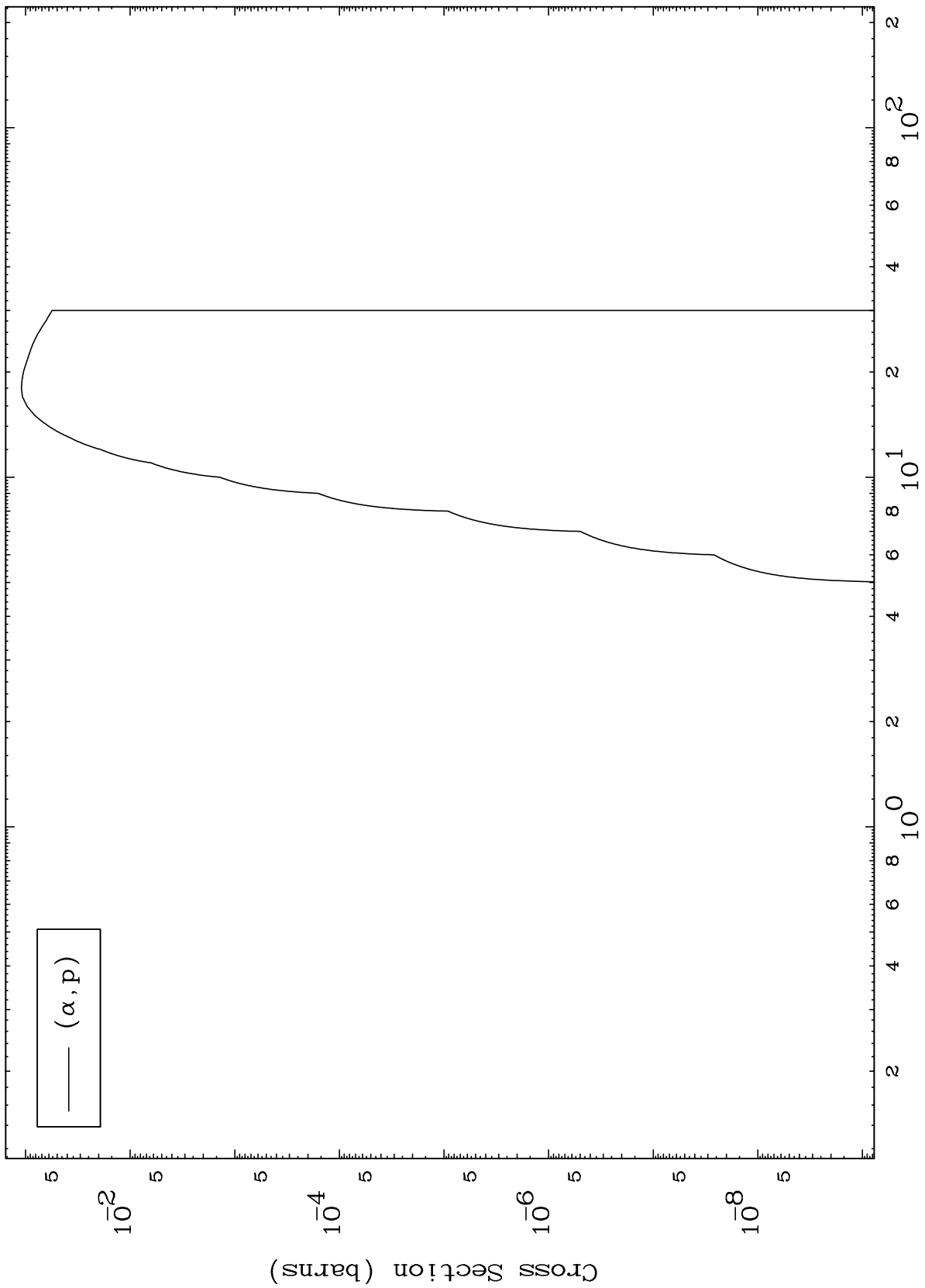
5

MAT 3920

(α, p) Levels

39-Y -87

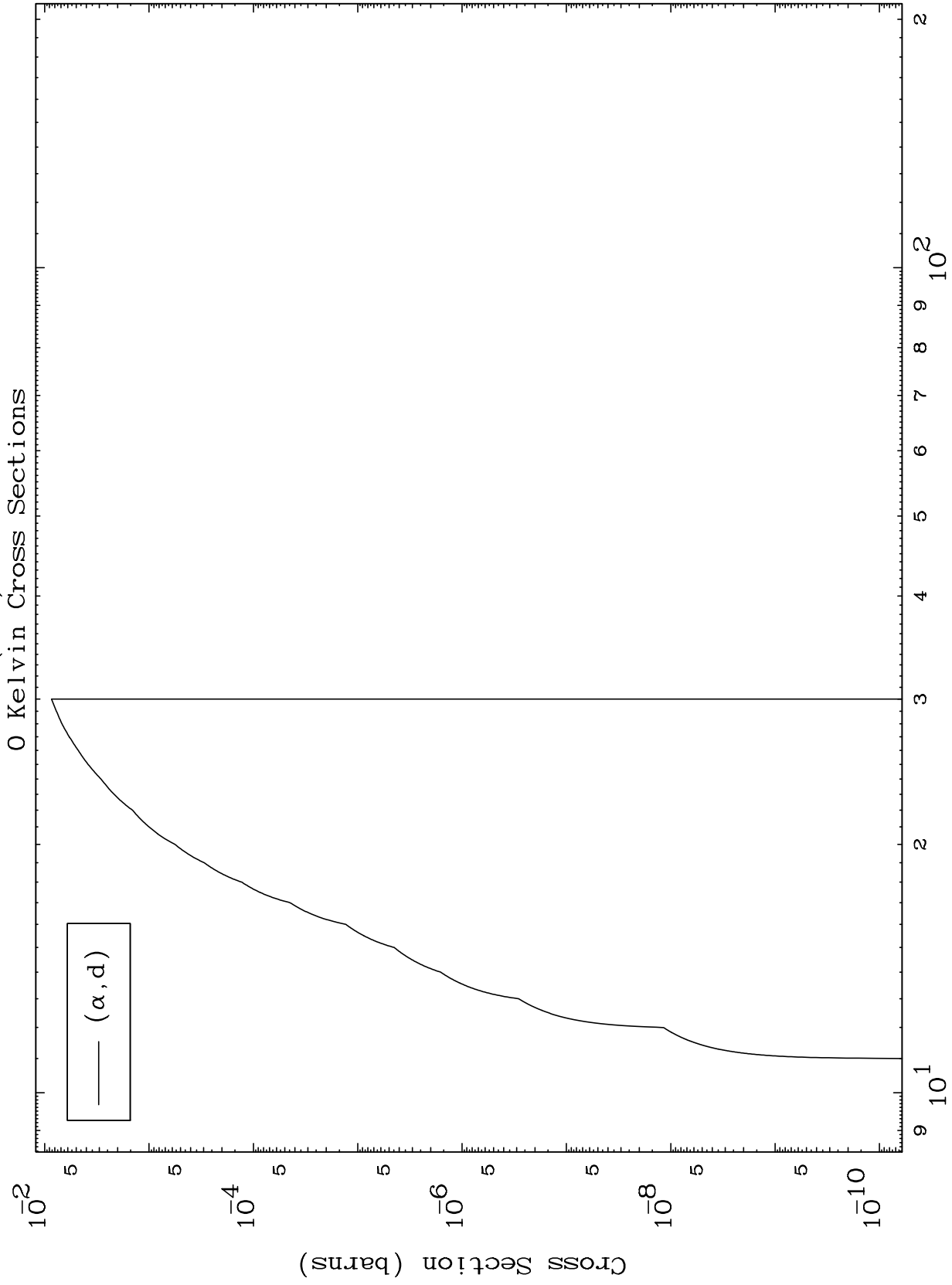
0 Kelvin Cross Sections



MAT 3920

(α, d) Levels

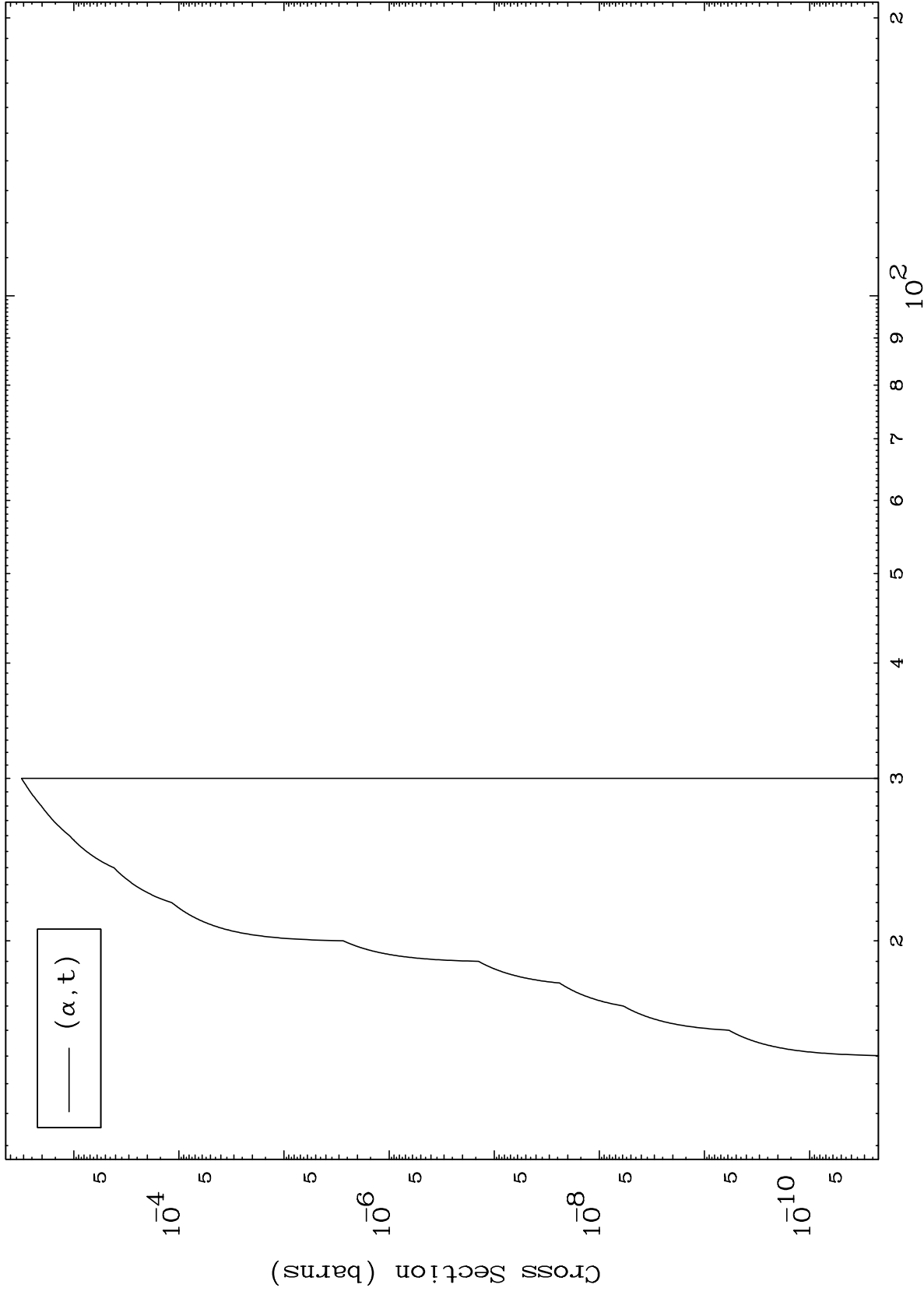
39-Y -87

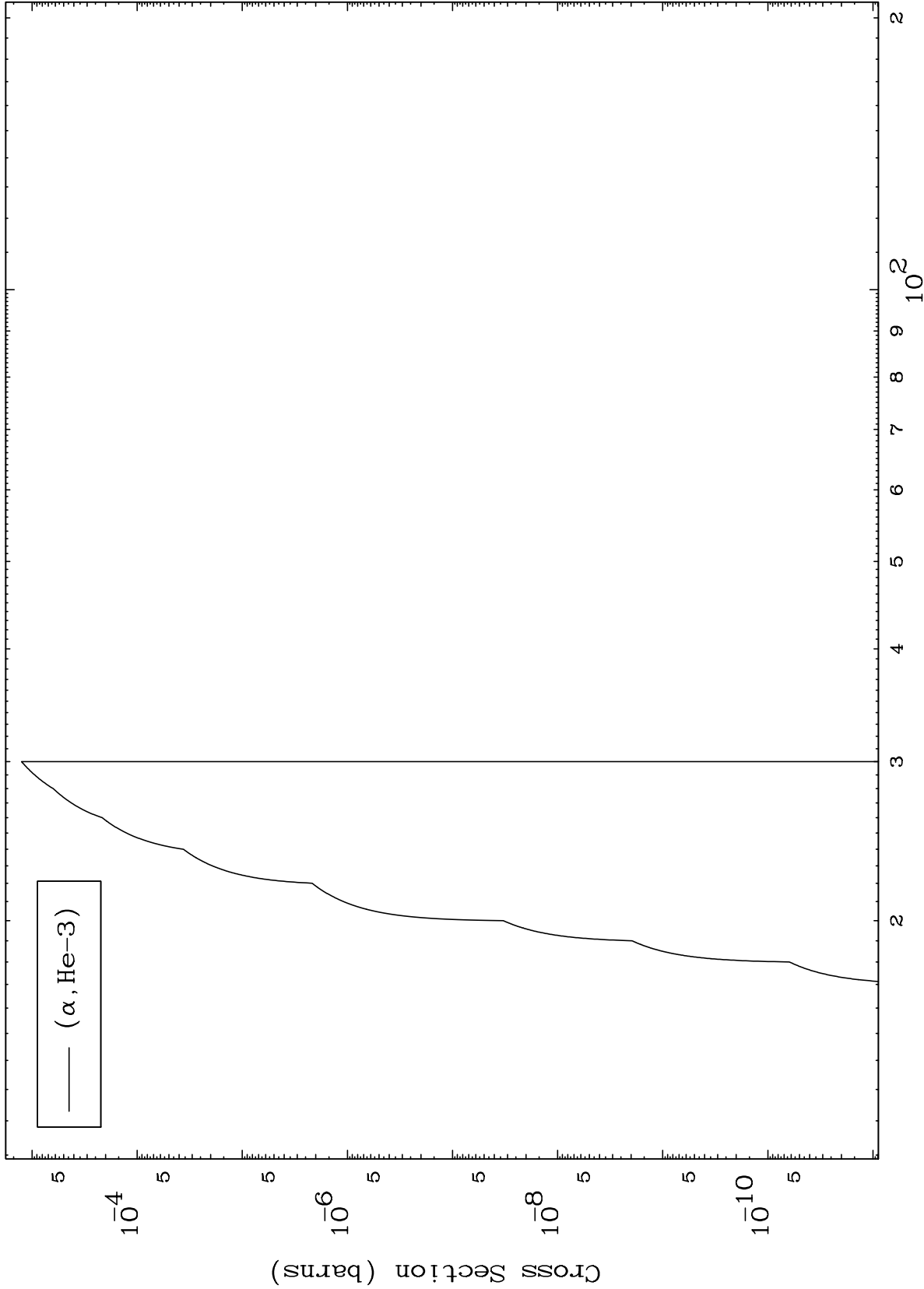


7

Incident Energy (MeV)

39-Y -87



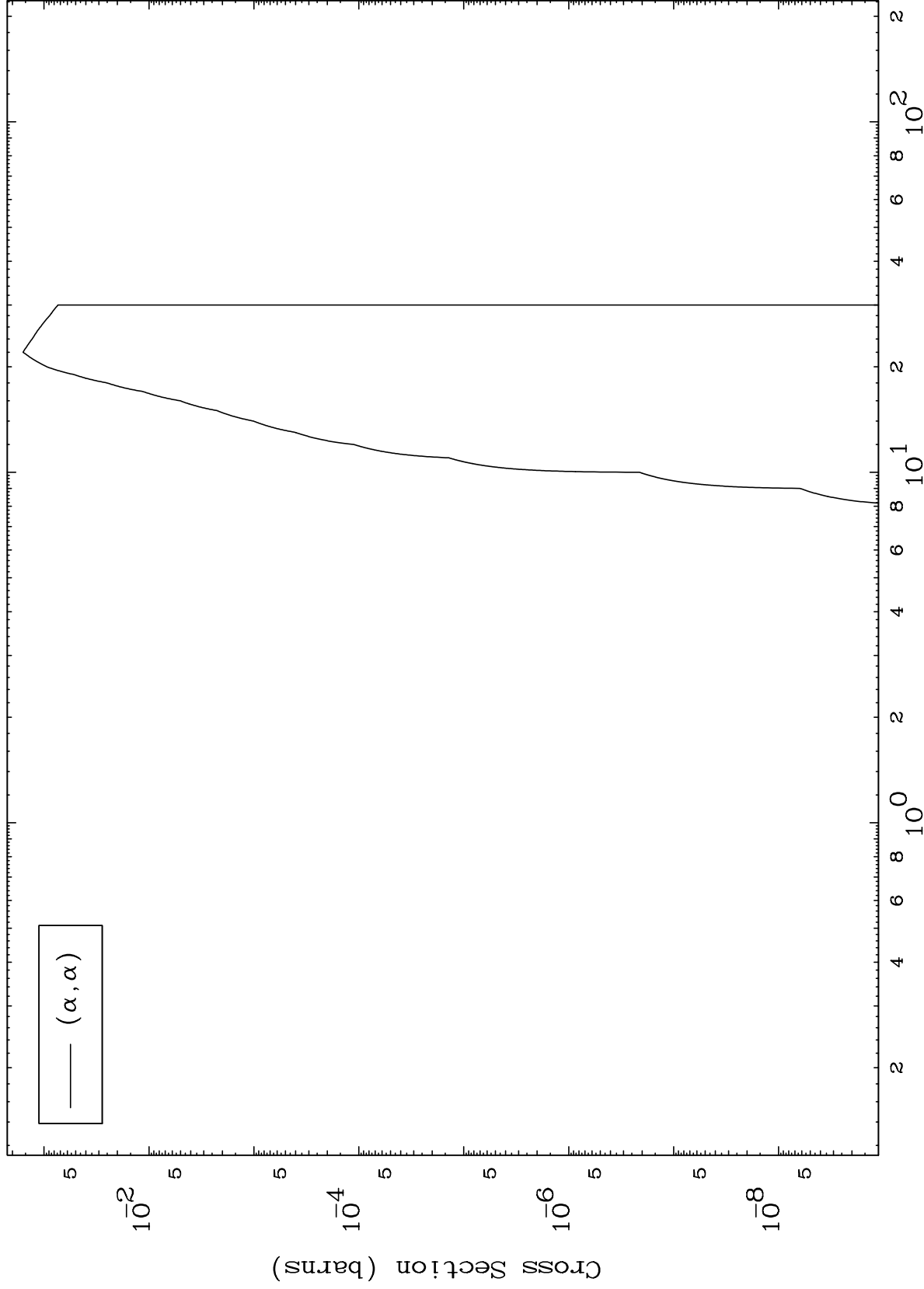


MAT 3920

(α, α) Levels

39-Y -87

0 Kelvin Cross Sections

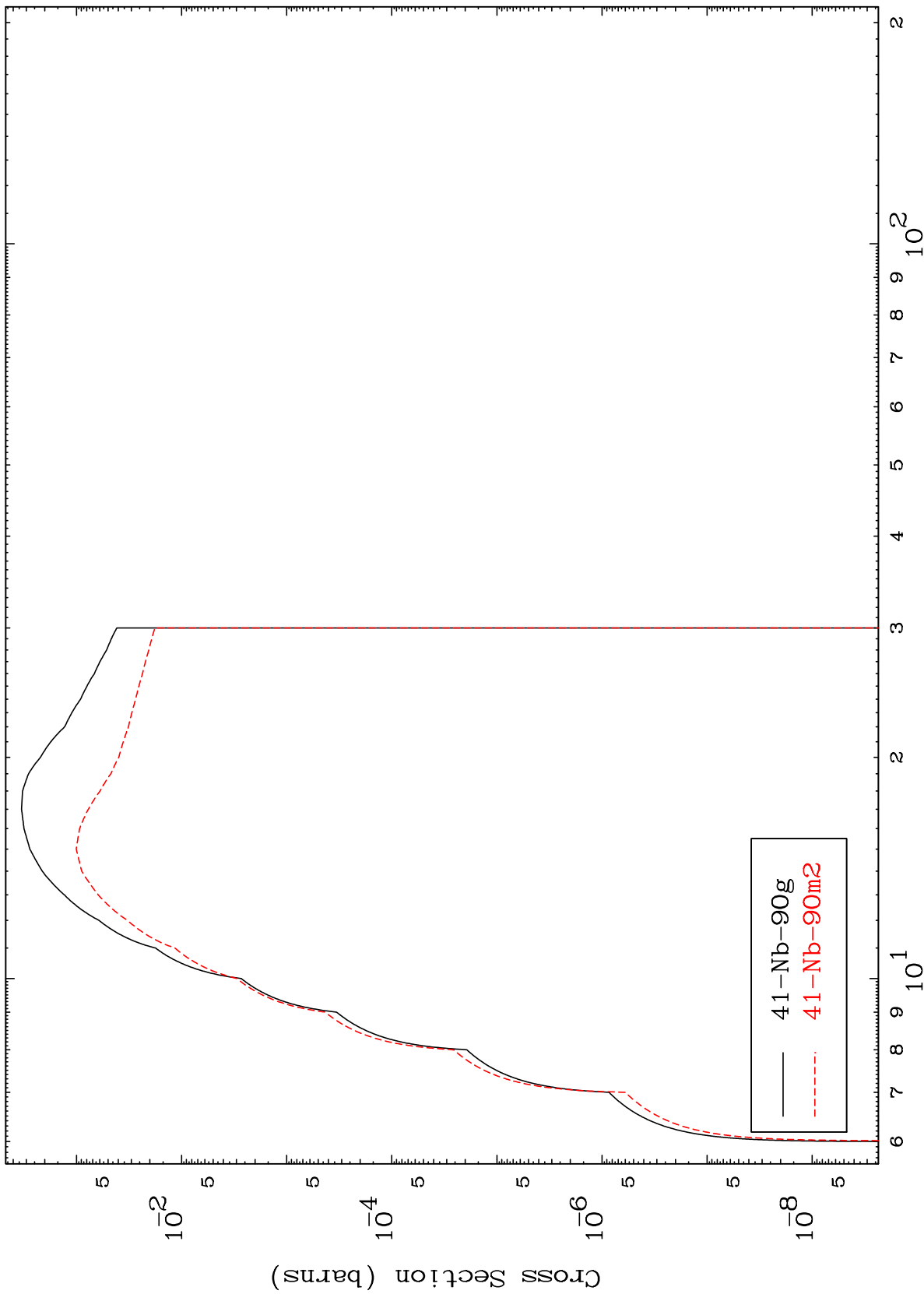


10

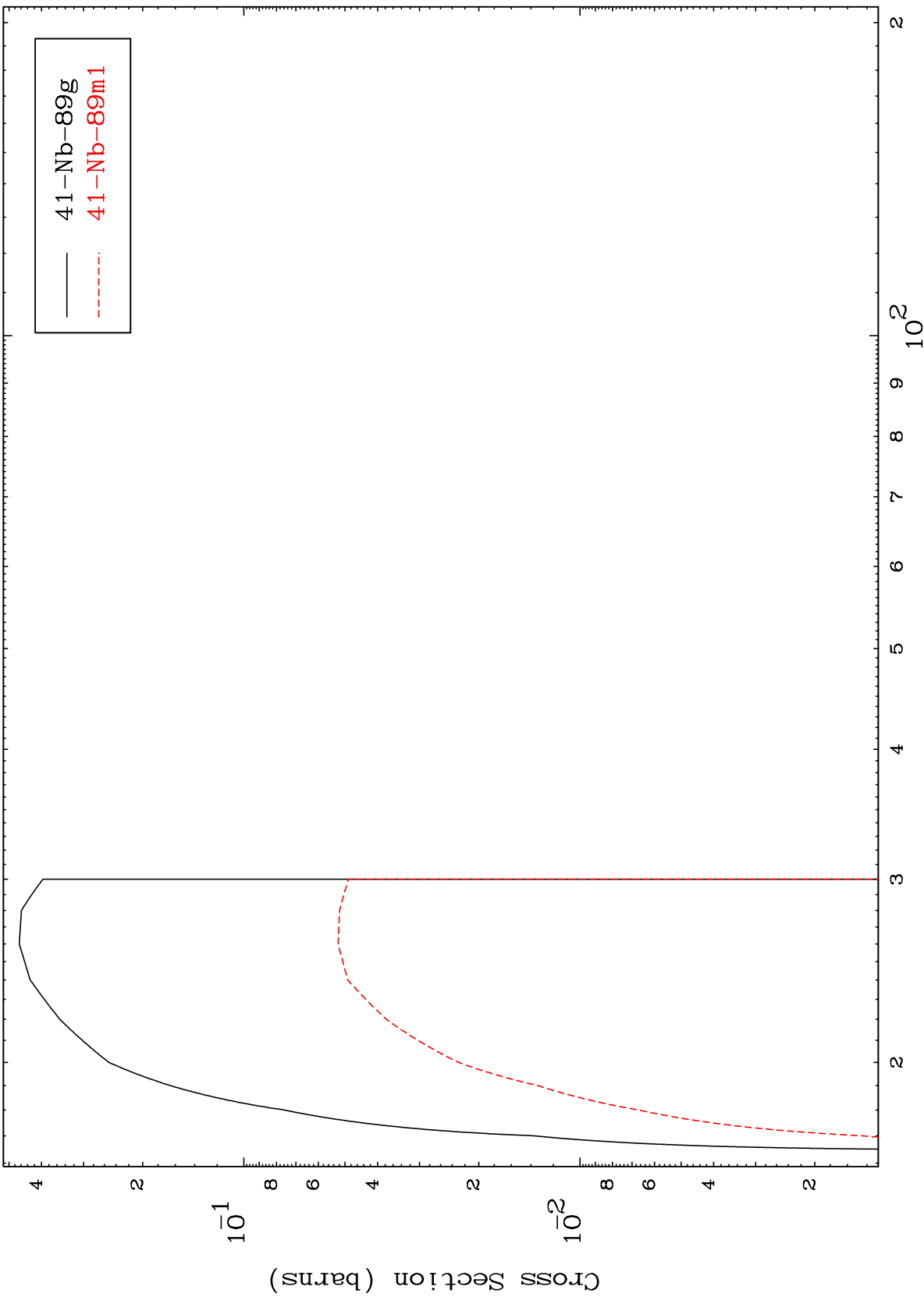
Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section



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

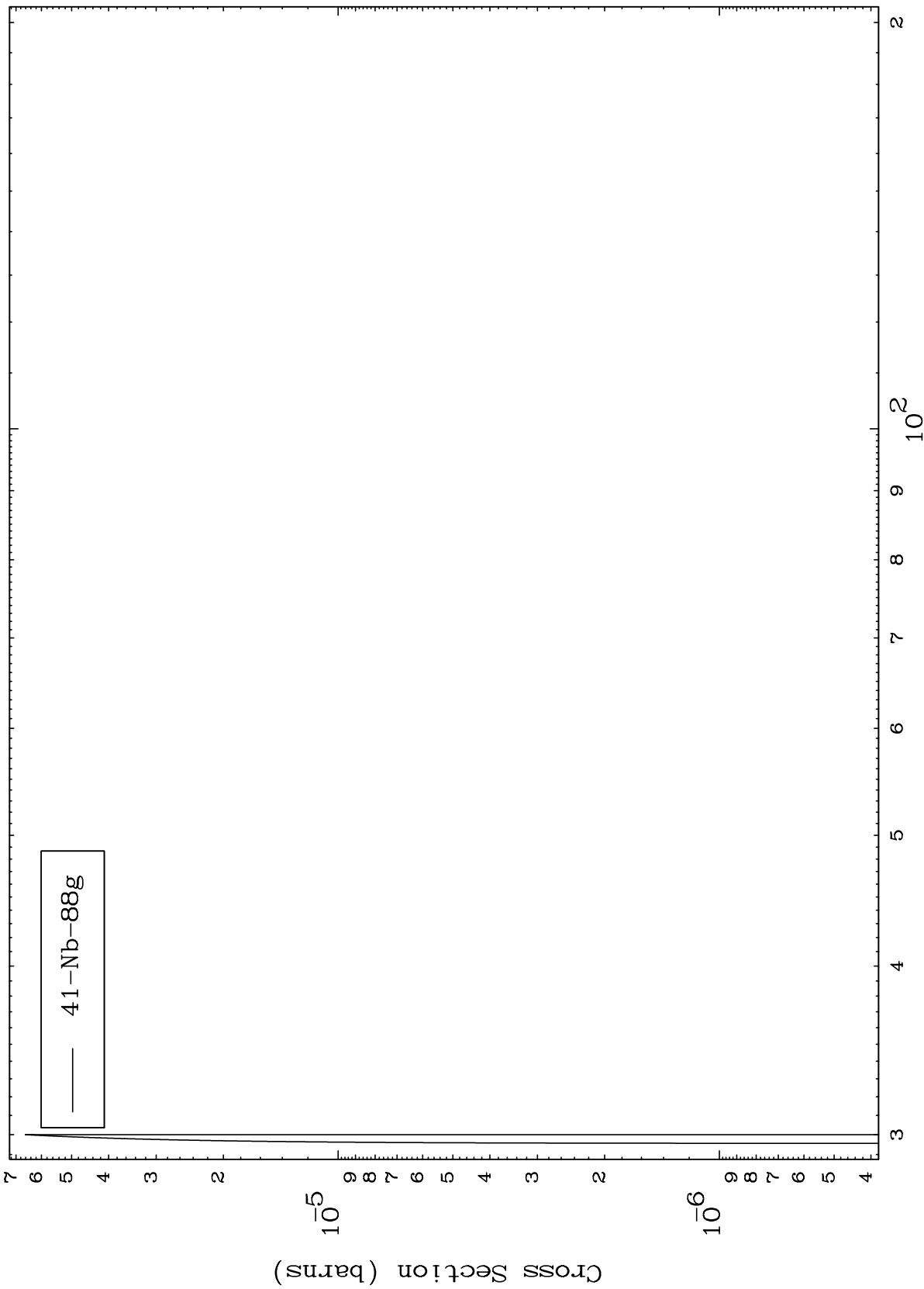


41-Nb-89g
41-Nb-89m1

MAT 3920

39-Y -87

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



39-Y -87

Incident Energy (MeV)

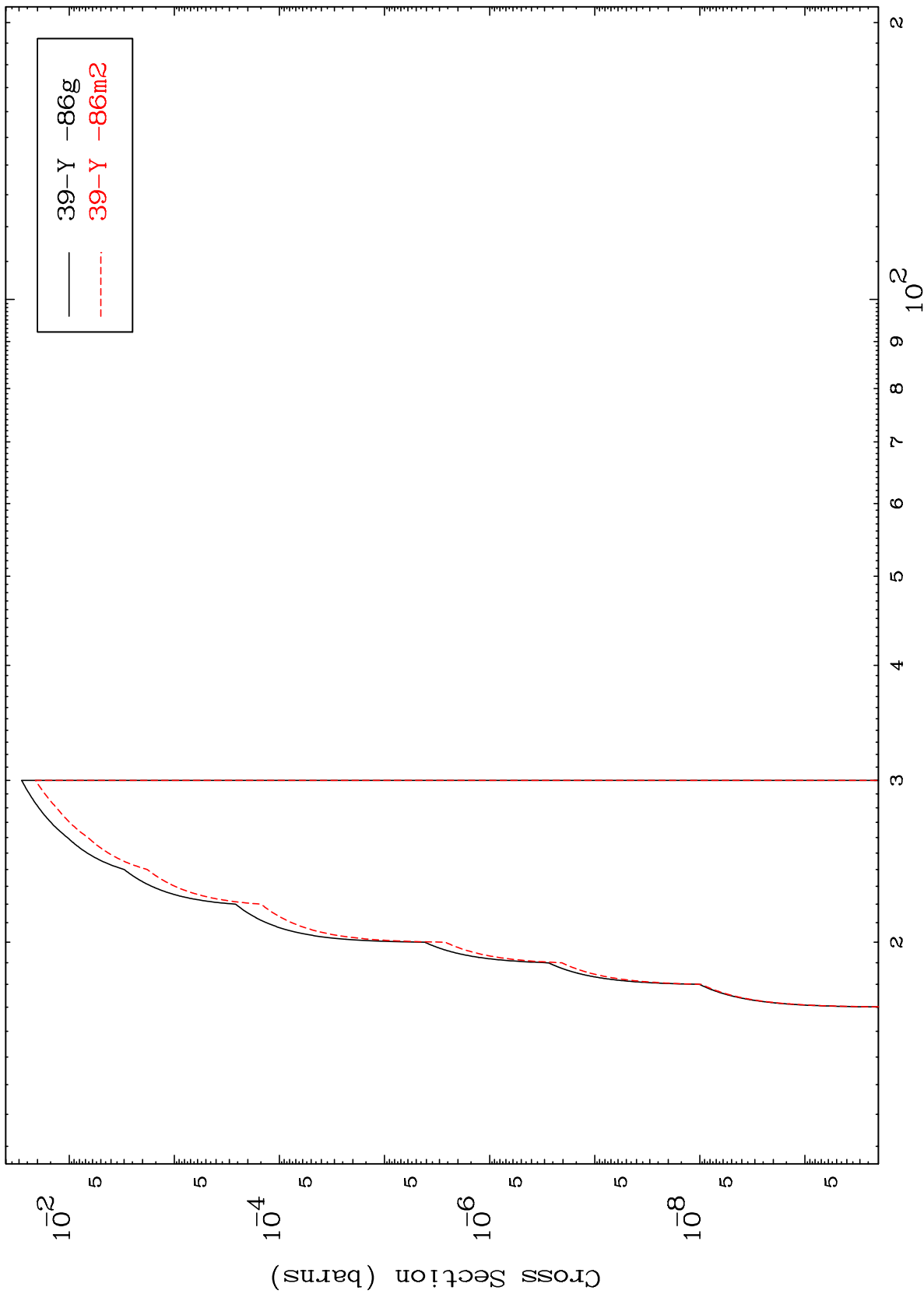
13

MAT 3920

(α, n') α

39-Y -87

Radionuclide Production Cross Section



14

Incident Energy (MeV)

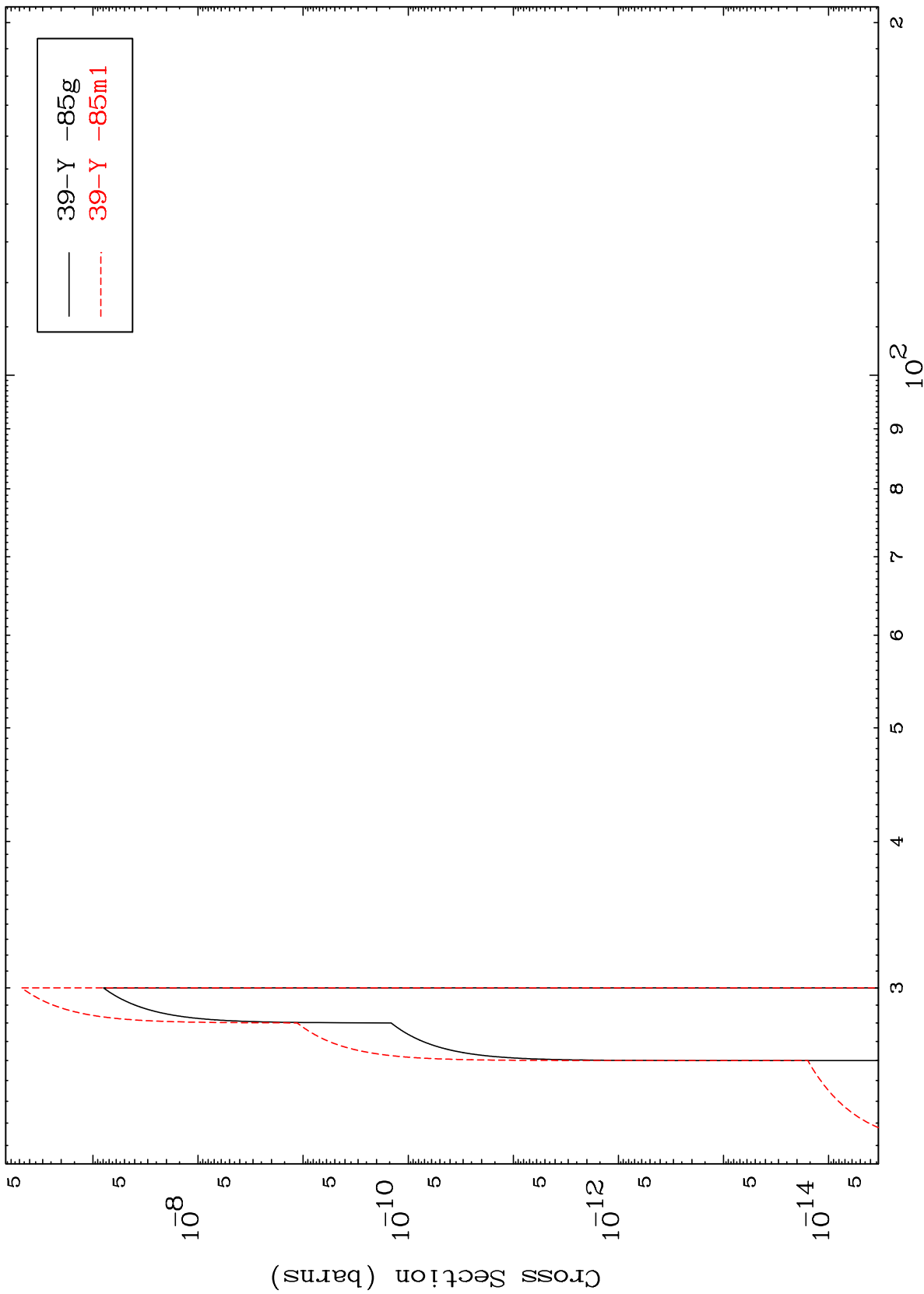
39-Y -87

MAT 3920

$(\alpha, 2n) \alpha$

39-Y -87

Radionuclide Production Cross Section

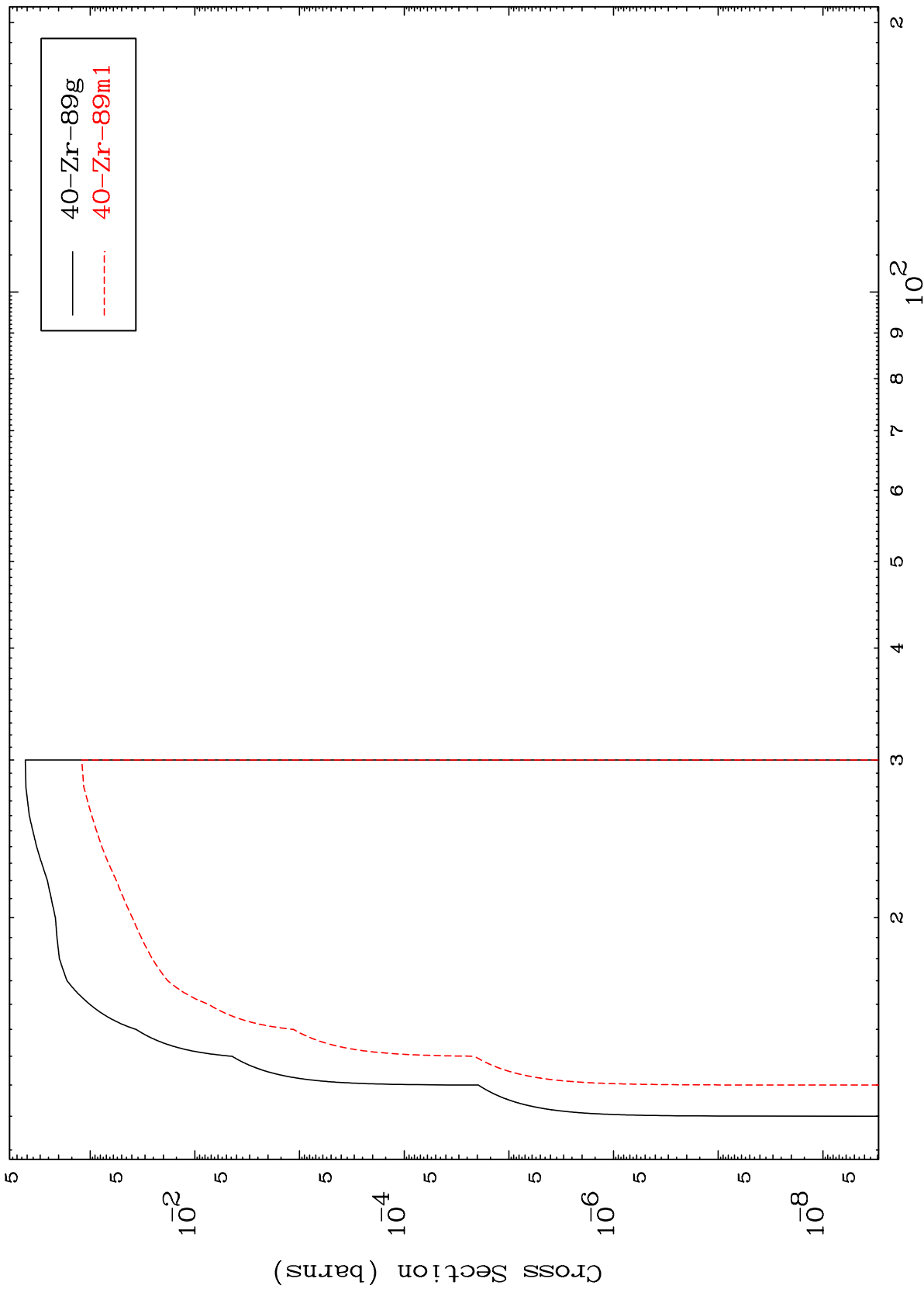


15

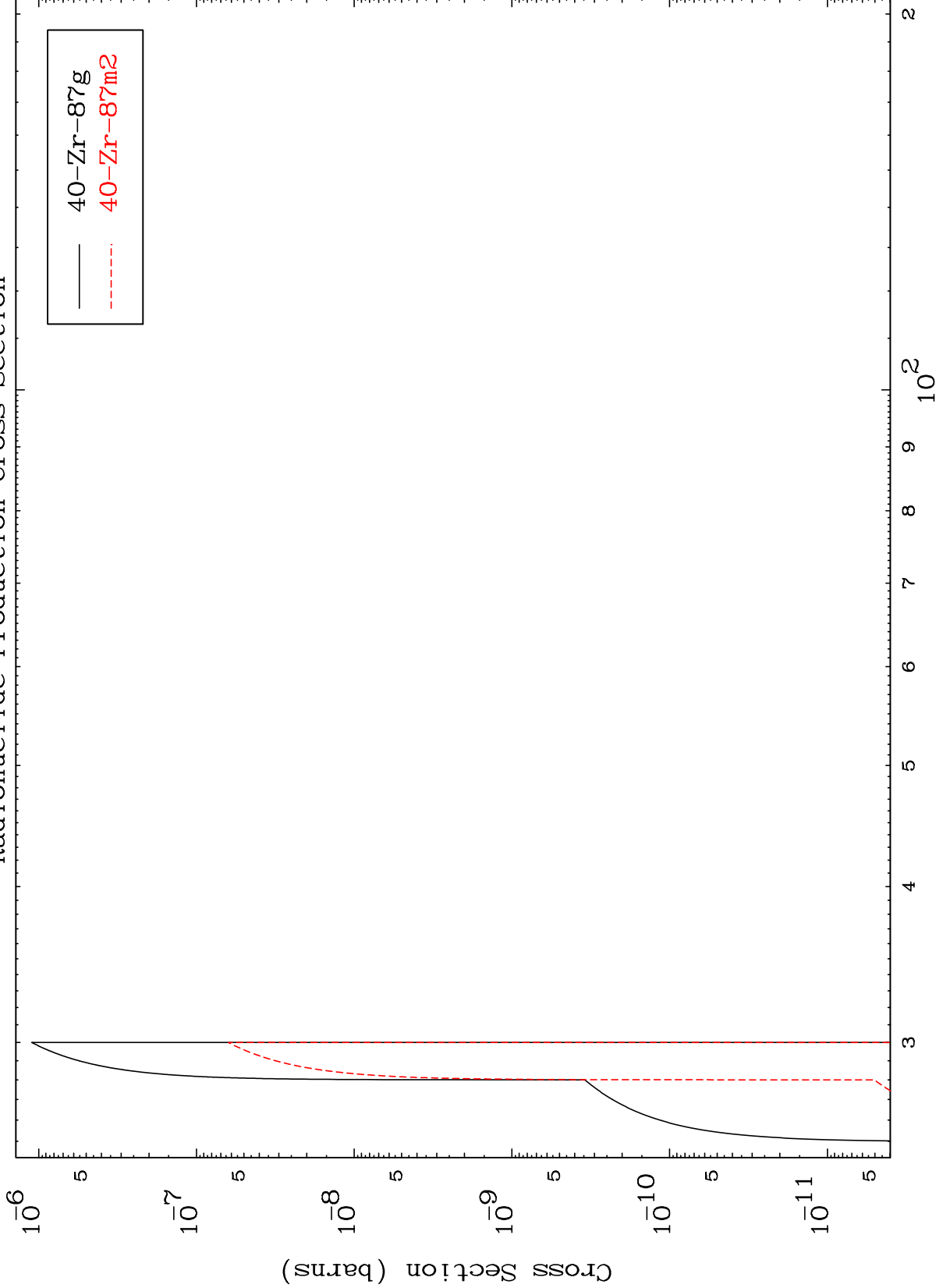
Incident Energy (MeV)

39-Y -87

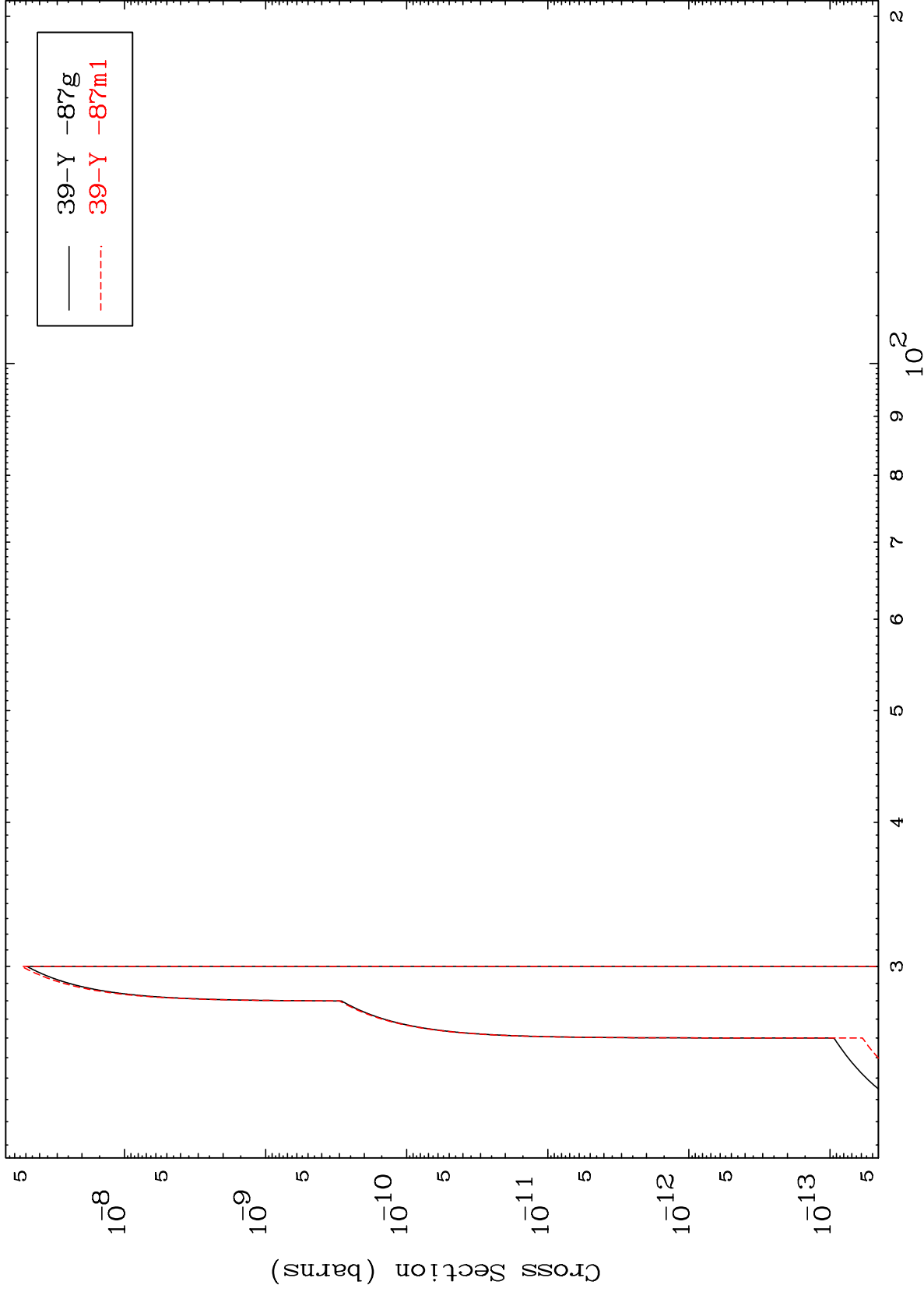
Radionuclide Production Cross Section



Radionuclide Production Cross Section

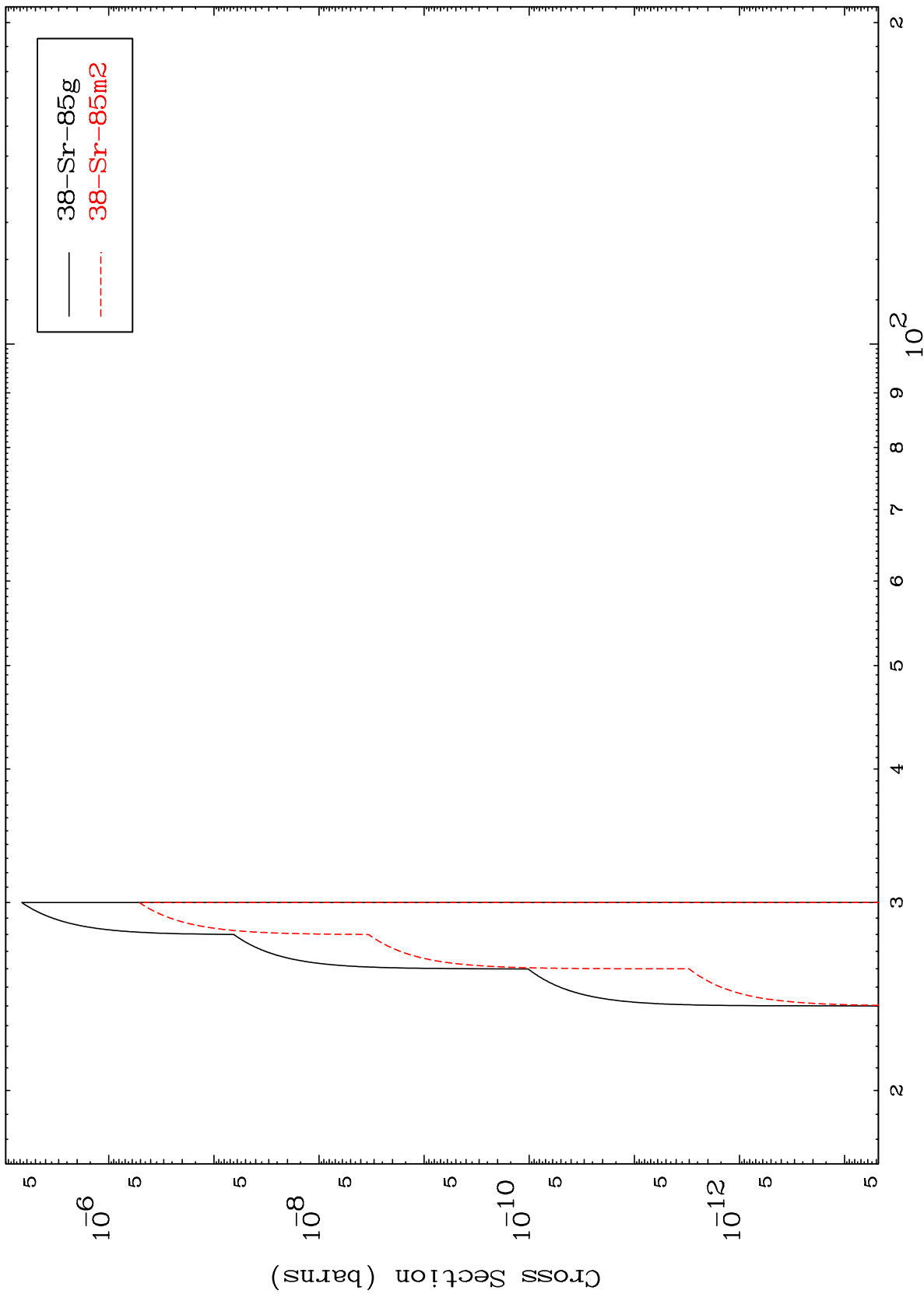


Radionuclide Production Cross Section



39-Y -87g
39-Y -87m1

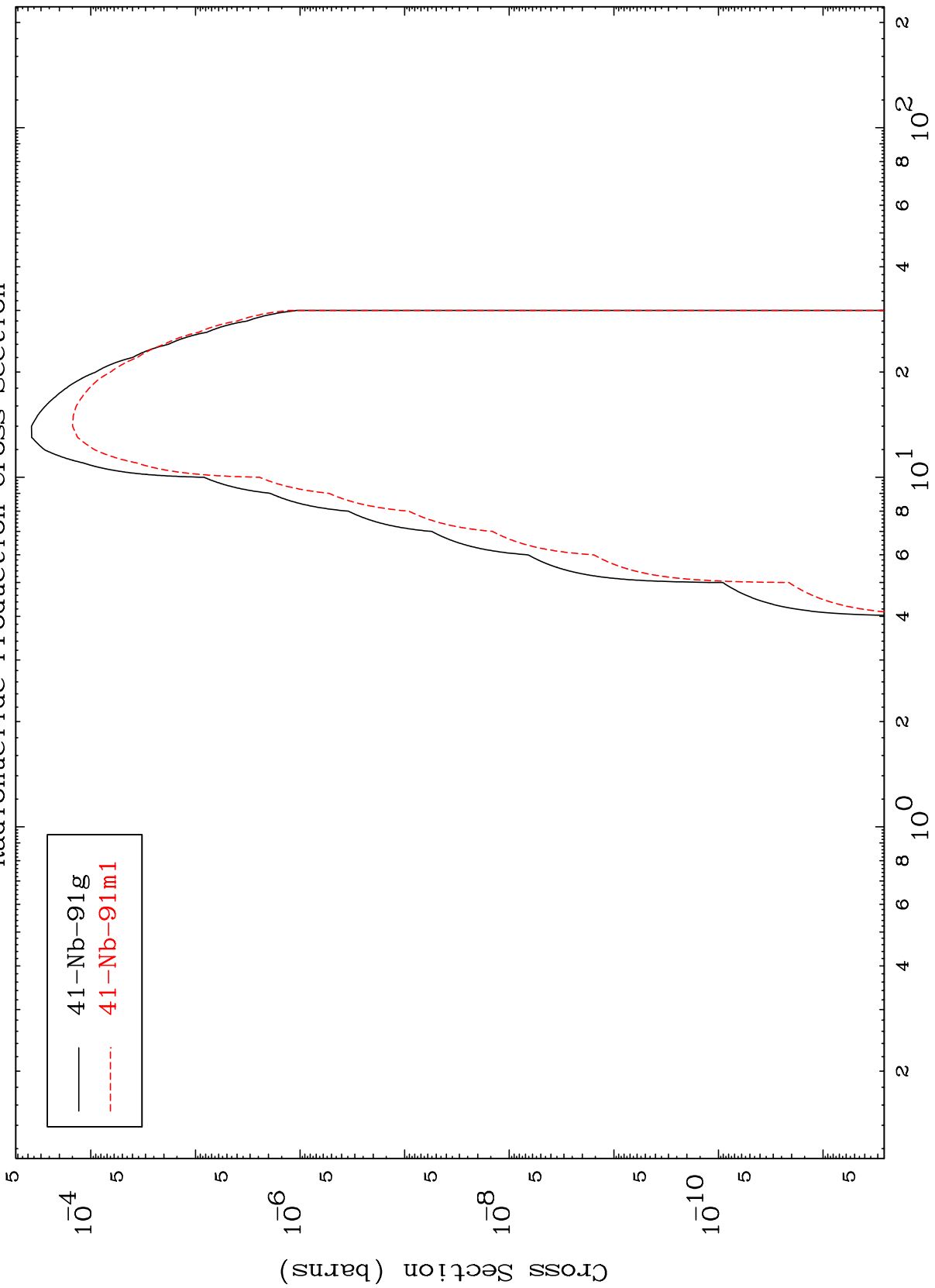
Radionuclide Production Cross Section



MAT 3920

39-Y -87

Radionuclide Production Cross Section
(α, γ)



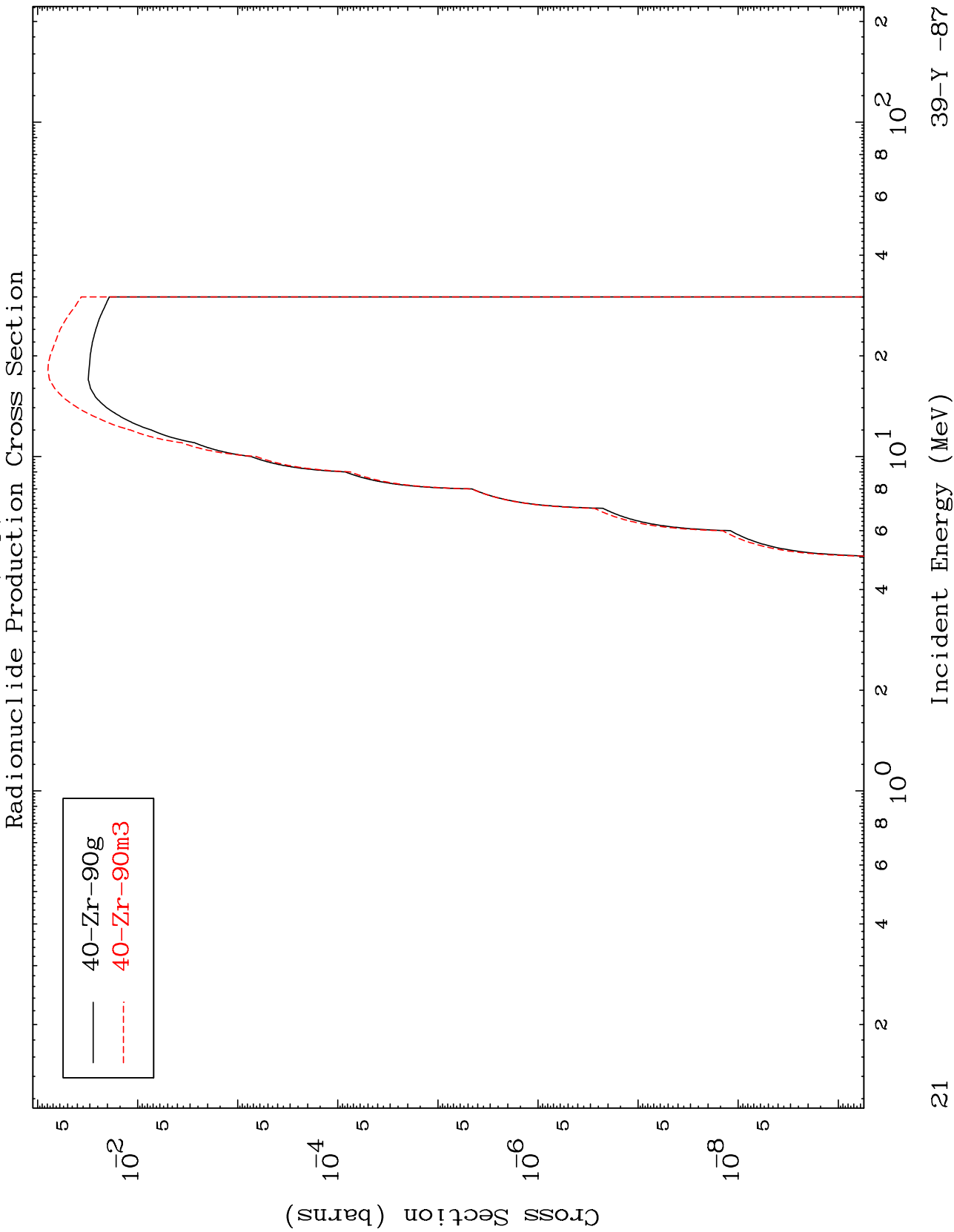
20

Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

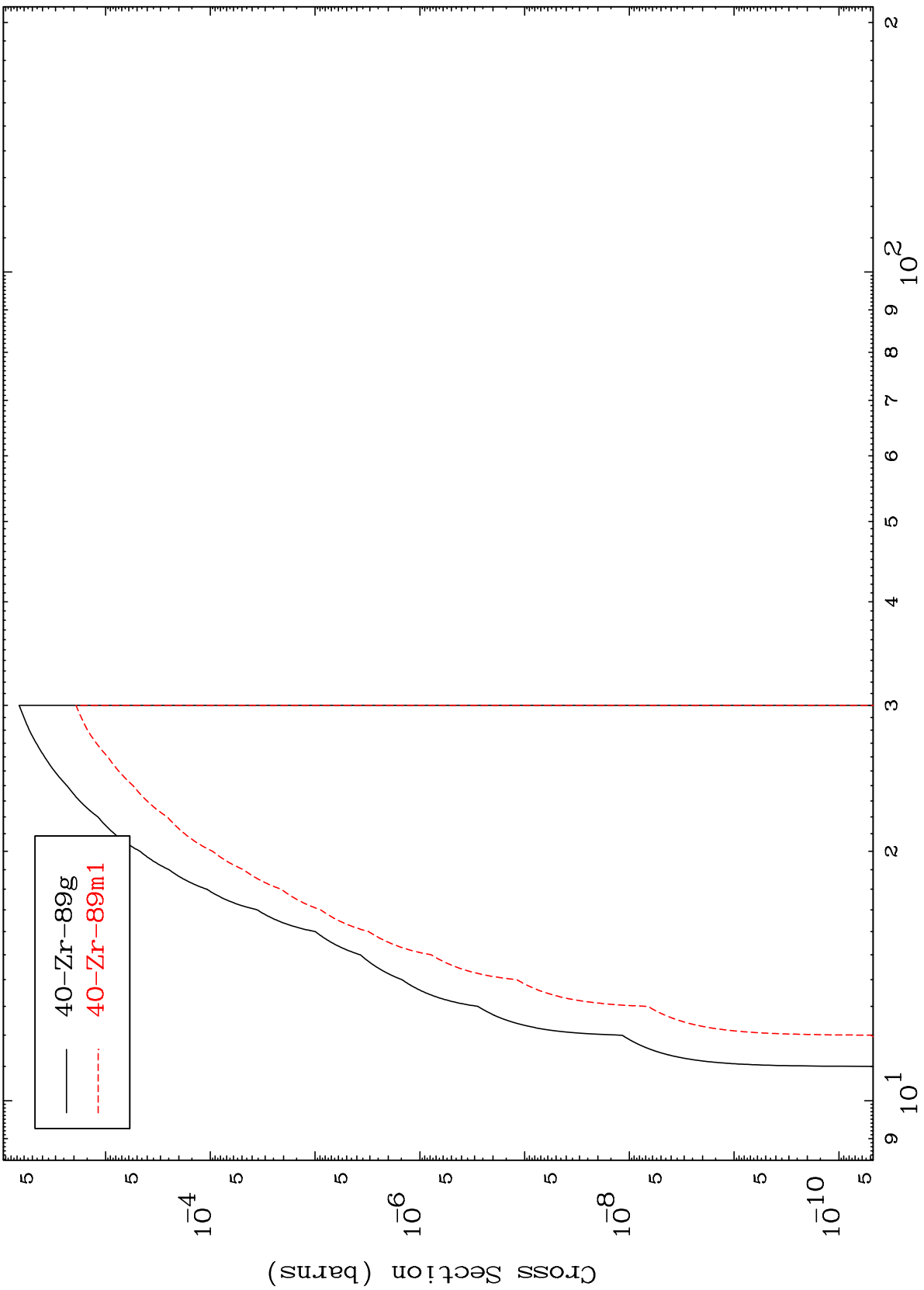


MAT 3920

(α, d)

39-Y -87

Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1

22

Incident Energy (MeV)

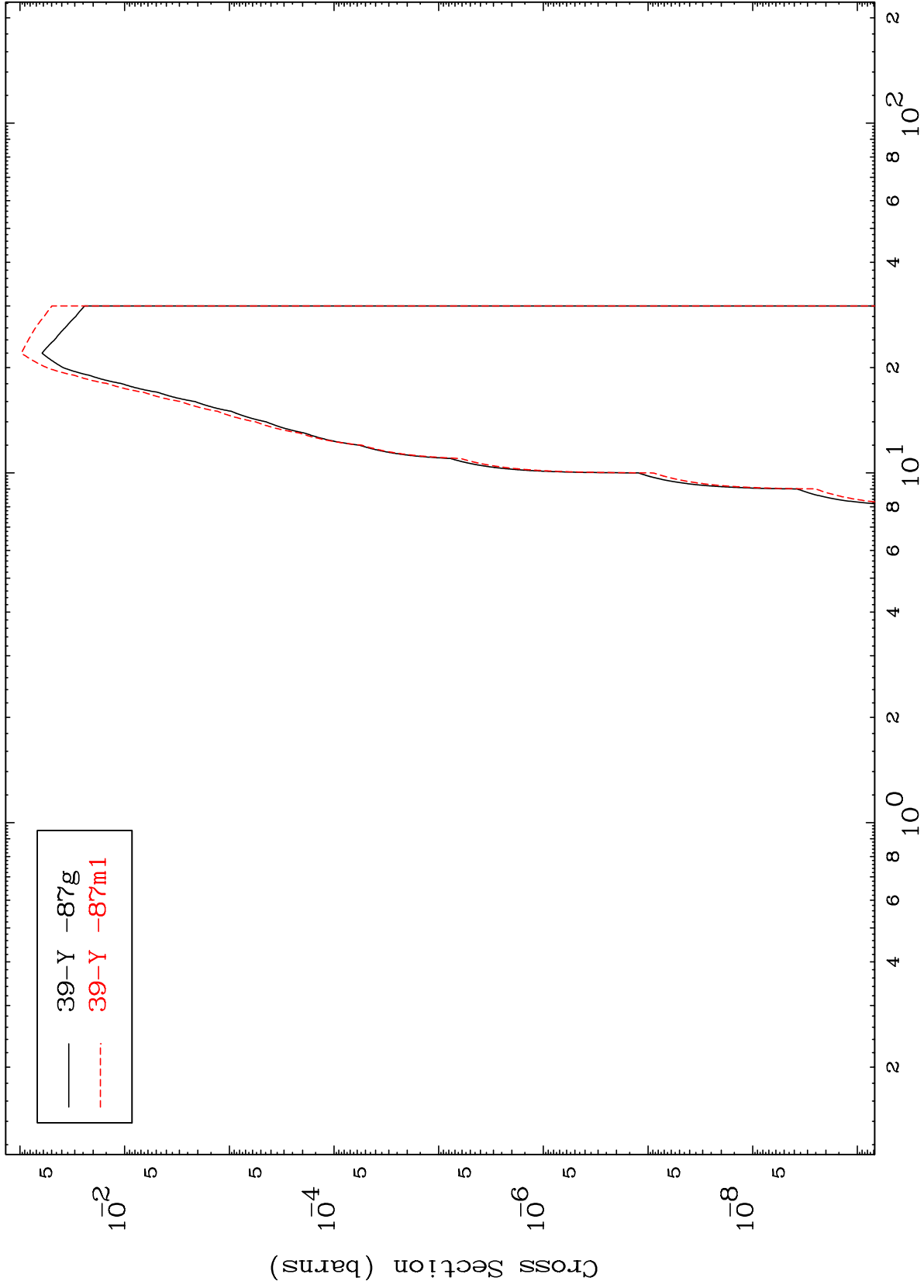
39-Y -87

MAT 3920

(α, α)

39-Y -87

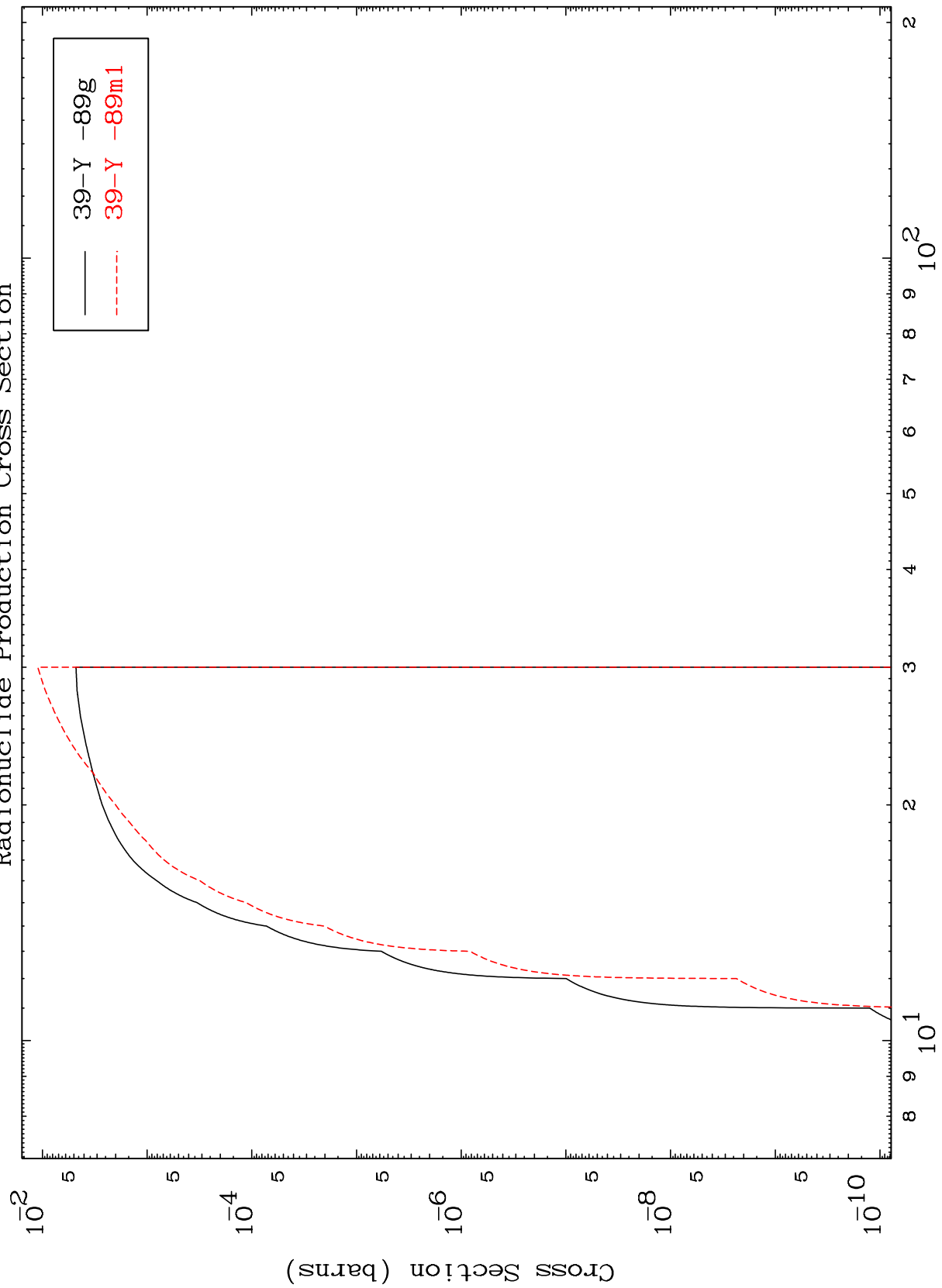
Radionuclide Production Cross Section



MAT 3920

39-Y -87

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



24

Incident Energy (MeV)

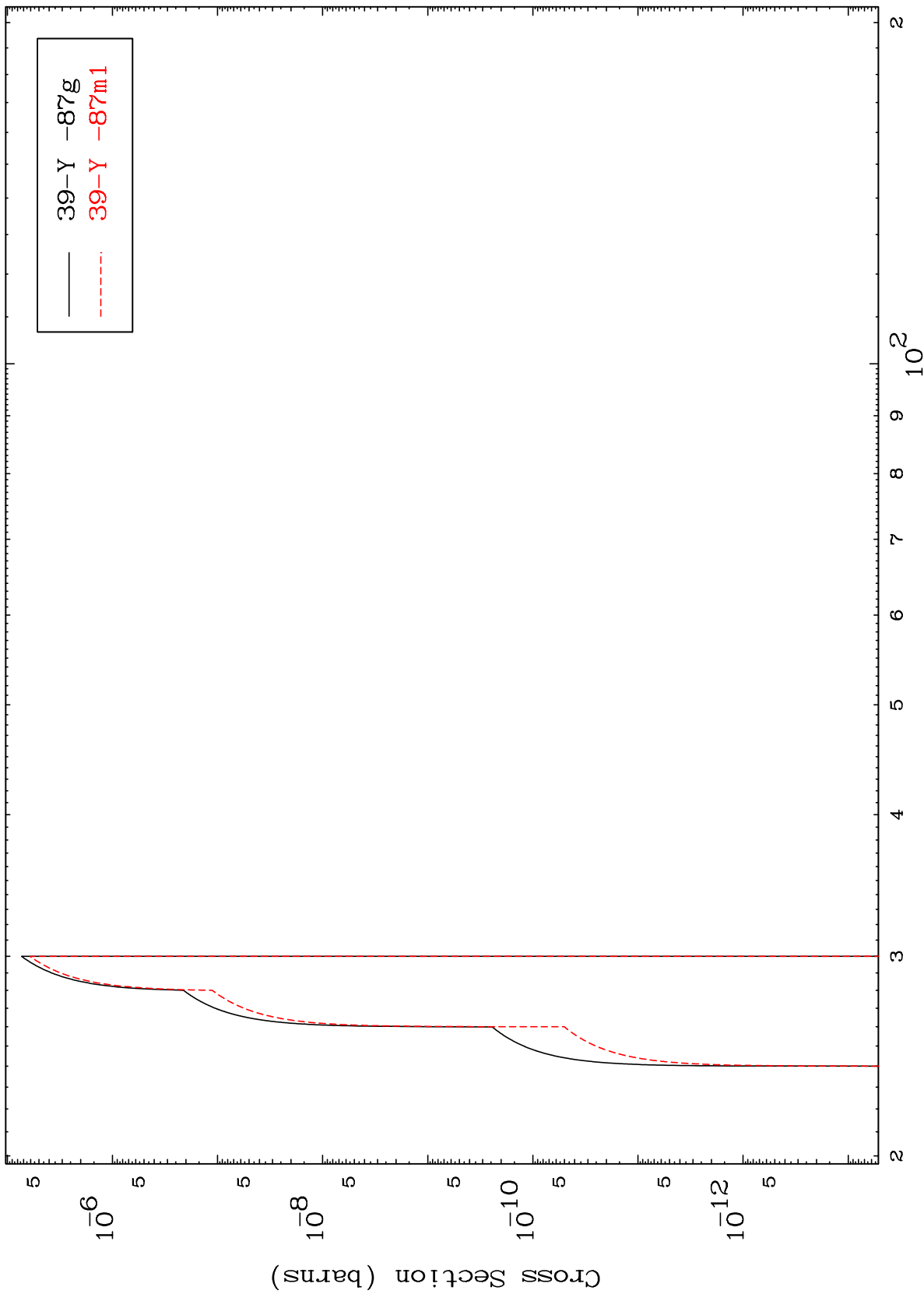
39-Y -87

MAT 3920

(α, p) t

39-Y -87

Radionuclide Production Cross Section



25

Incident Energy (MeV)

39-Y -87

