

Program EVALPLOT
(Version 2018-1)

by

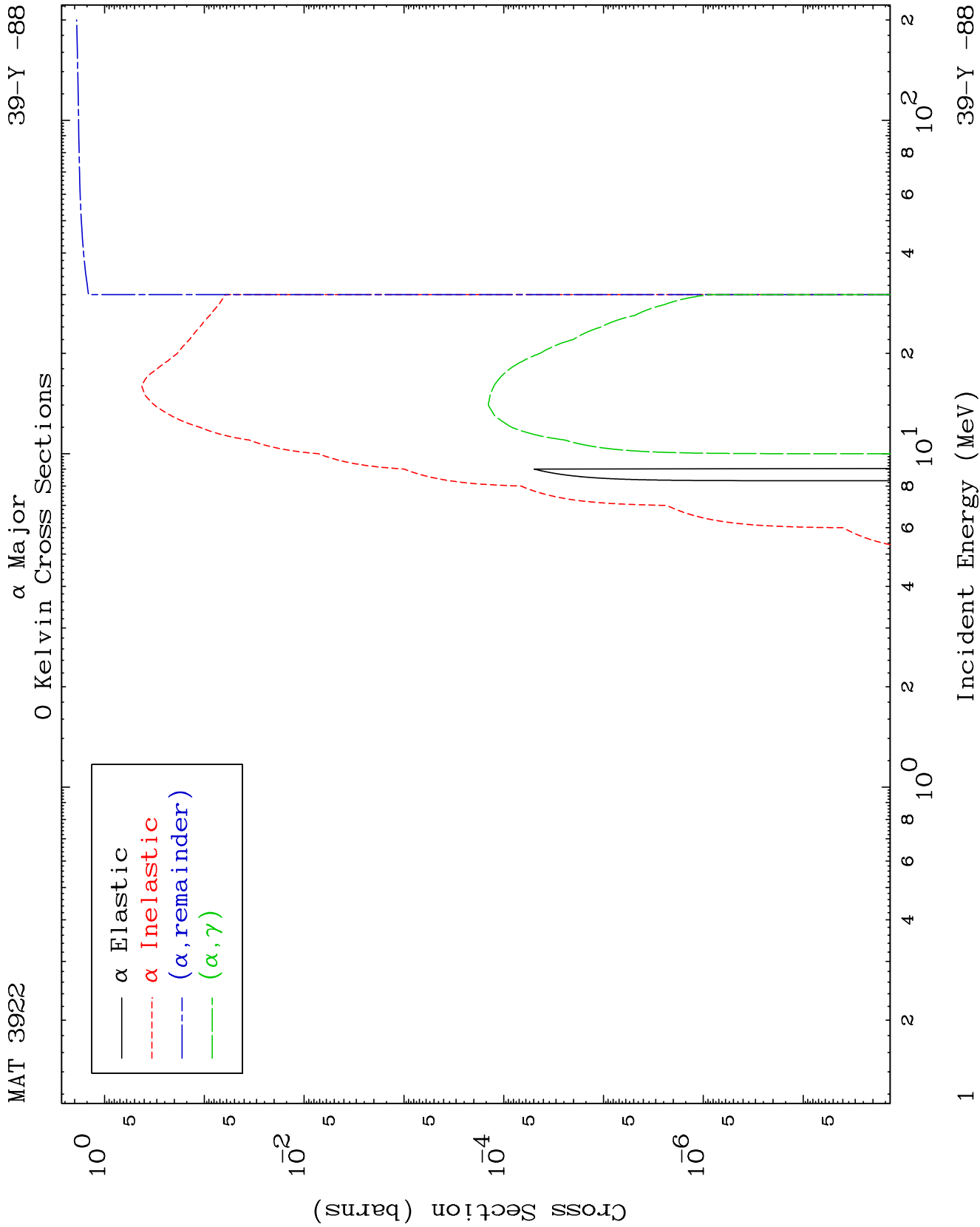
Dermott E. Cullen
(Present Contact Information)

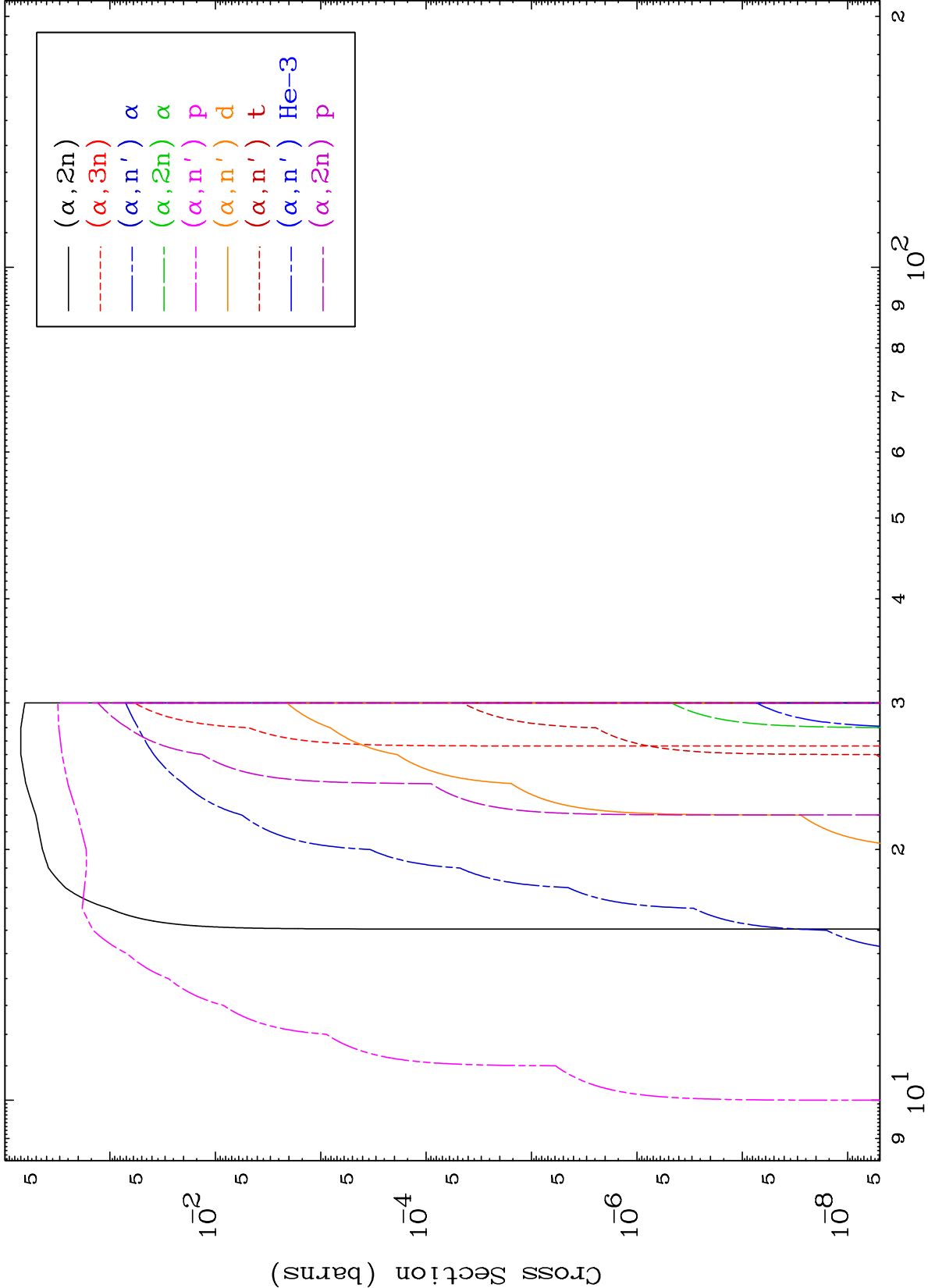
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

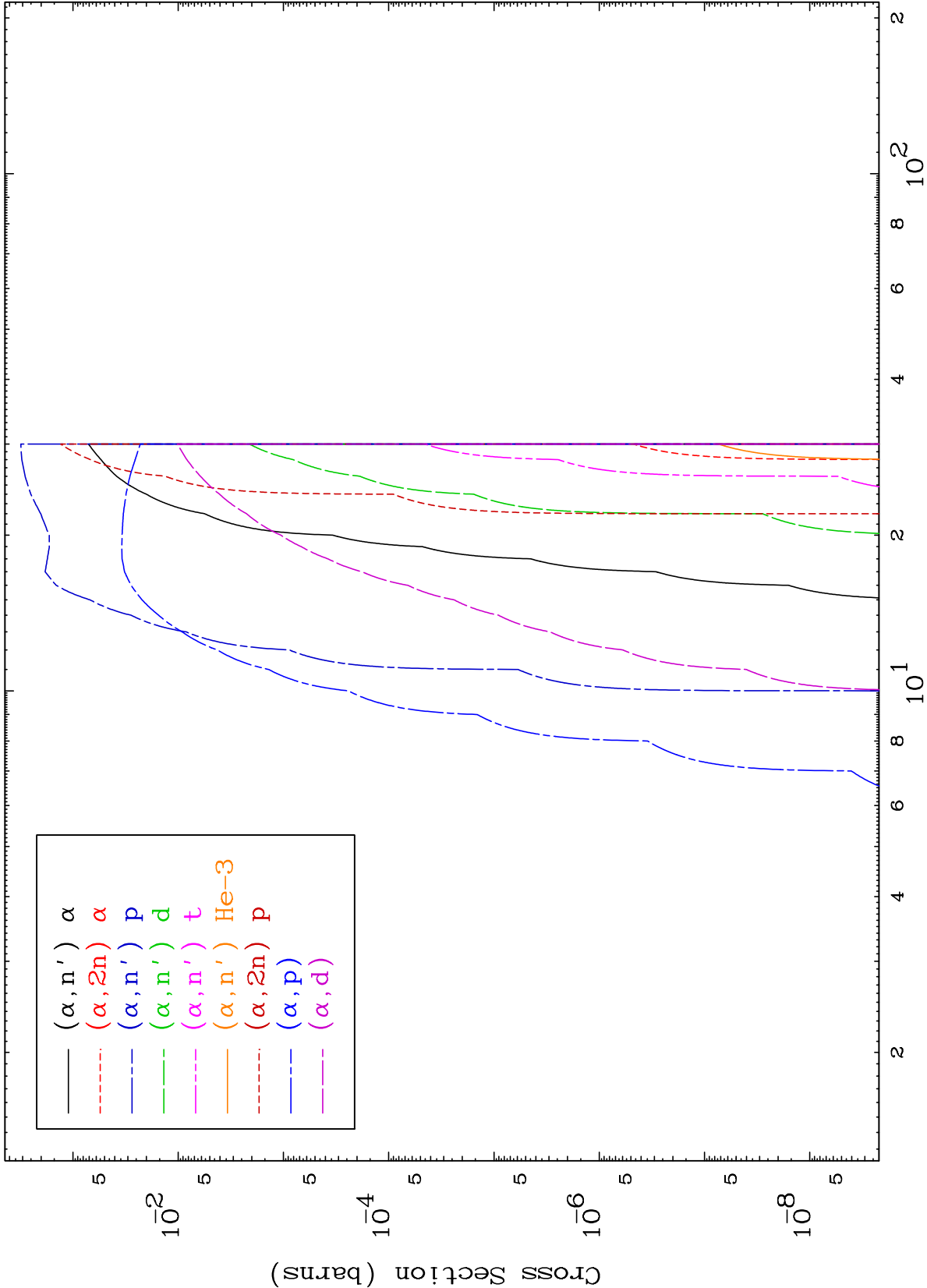
Tele: 925-443-1911

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

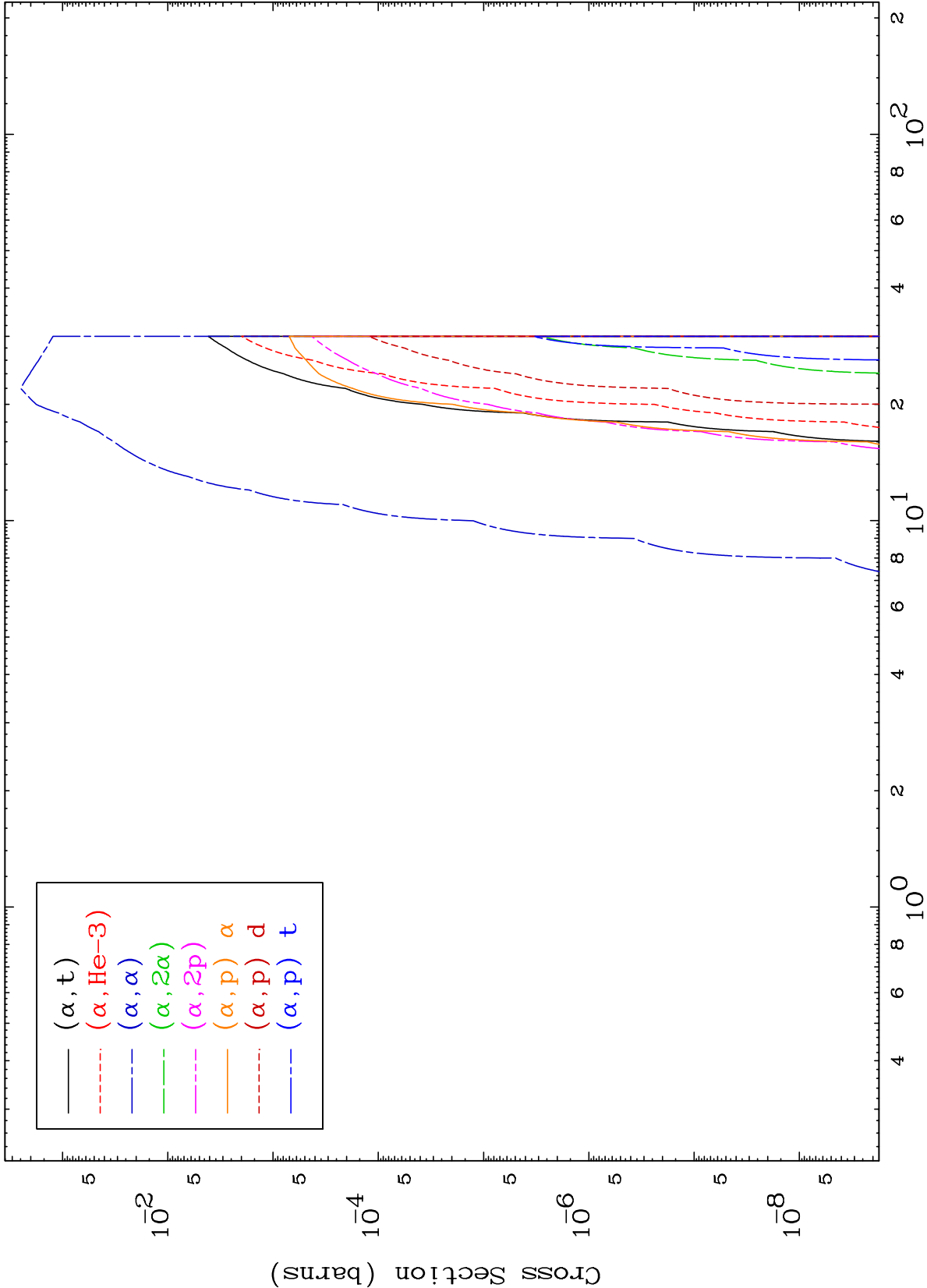
Press Mouse Button to Start







0 Kelvin Cross Sections

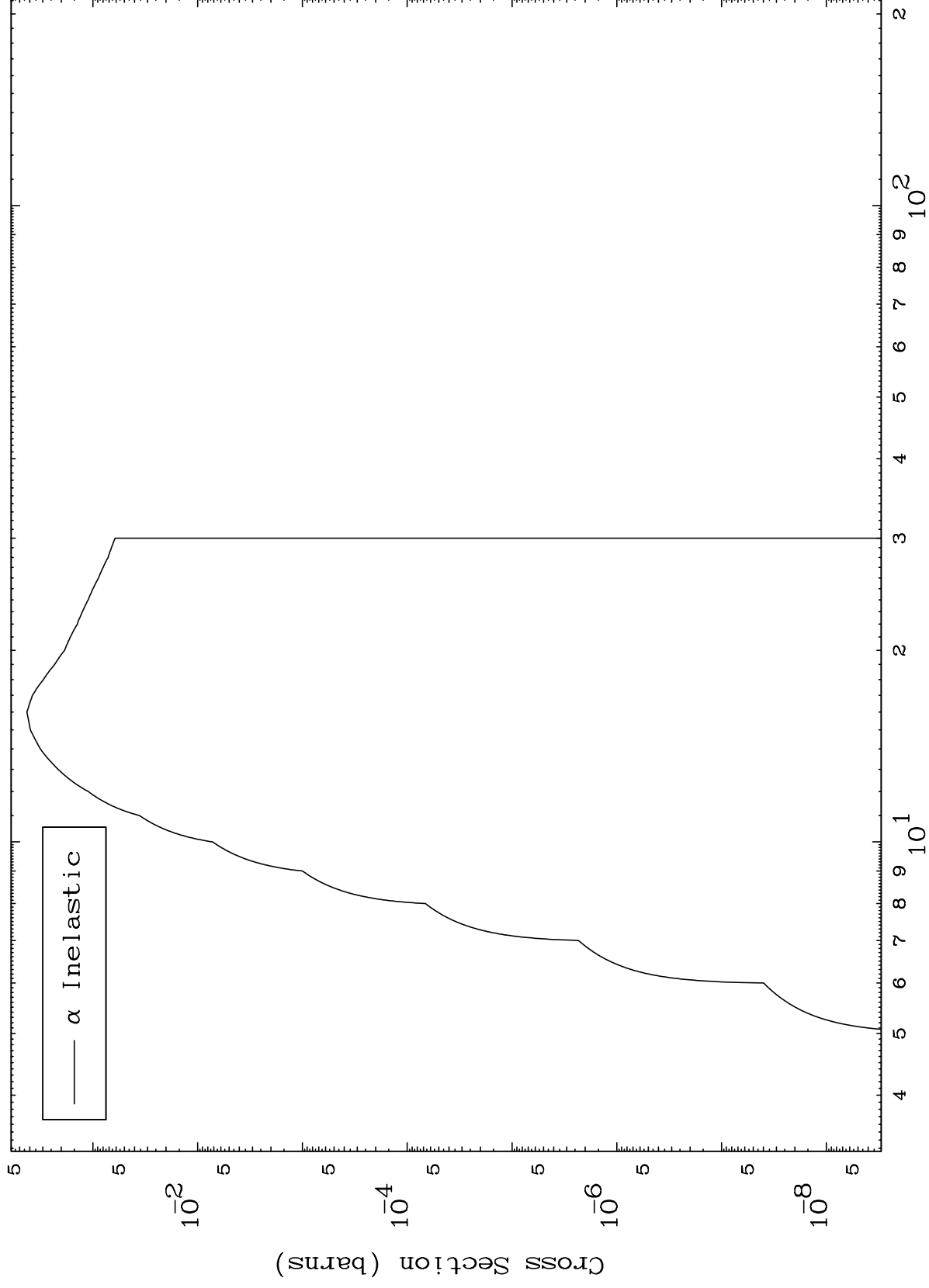


Incident Energy (MeV)

MAT 3922

39-Y -88

(α, n') Level
0 Kelvin Cross Sections



5

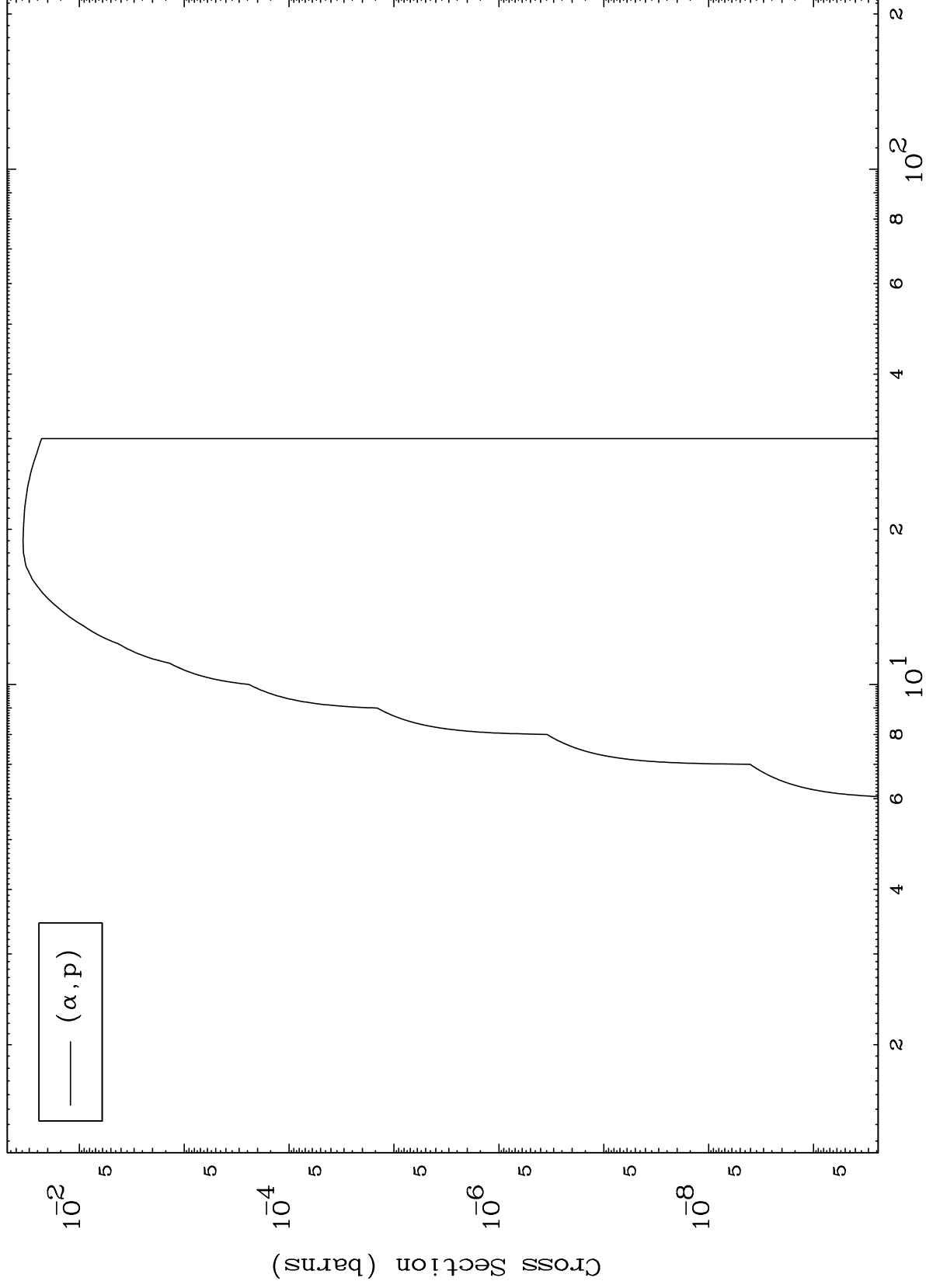
Incident Energy (MeV)

39-Y -88

MAT 3922

39-Y -88

(α ,p) Levels
0 Kelvin Cross Sections



39-Y -88

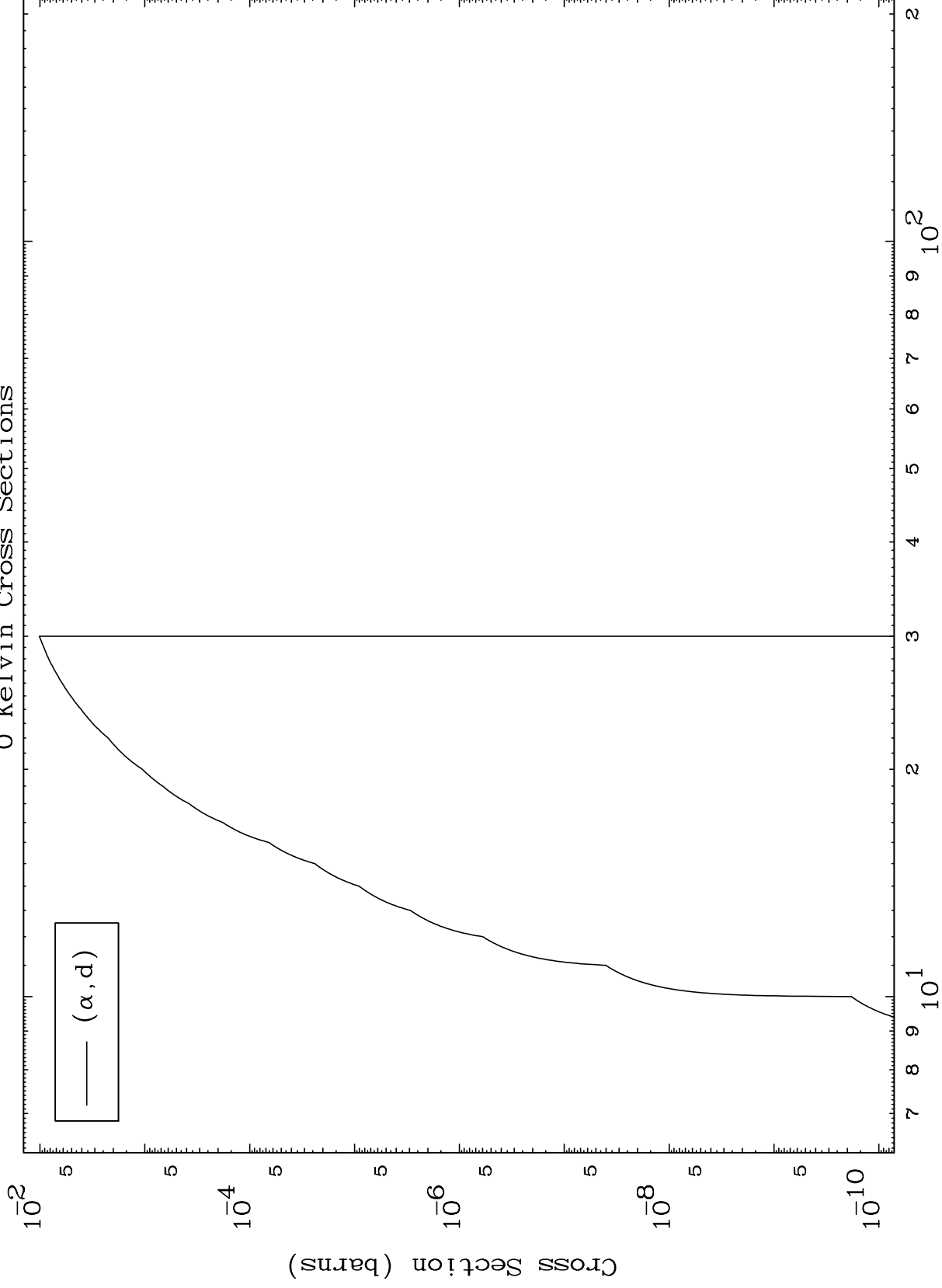
Incident Energy (MeV)

6

MAT 3922

39-Y -88

(α ,d) Levels
0 Kelvin Cross Sections



39-Y -88

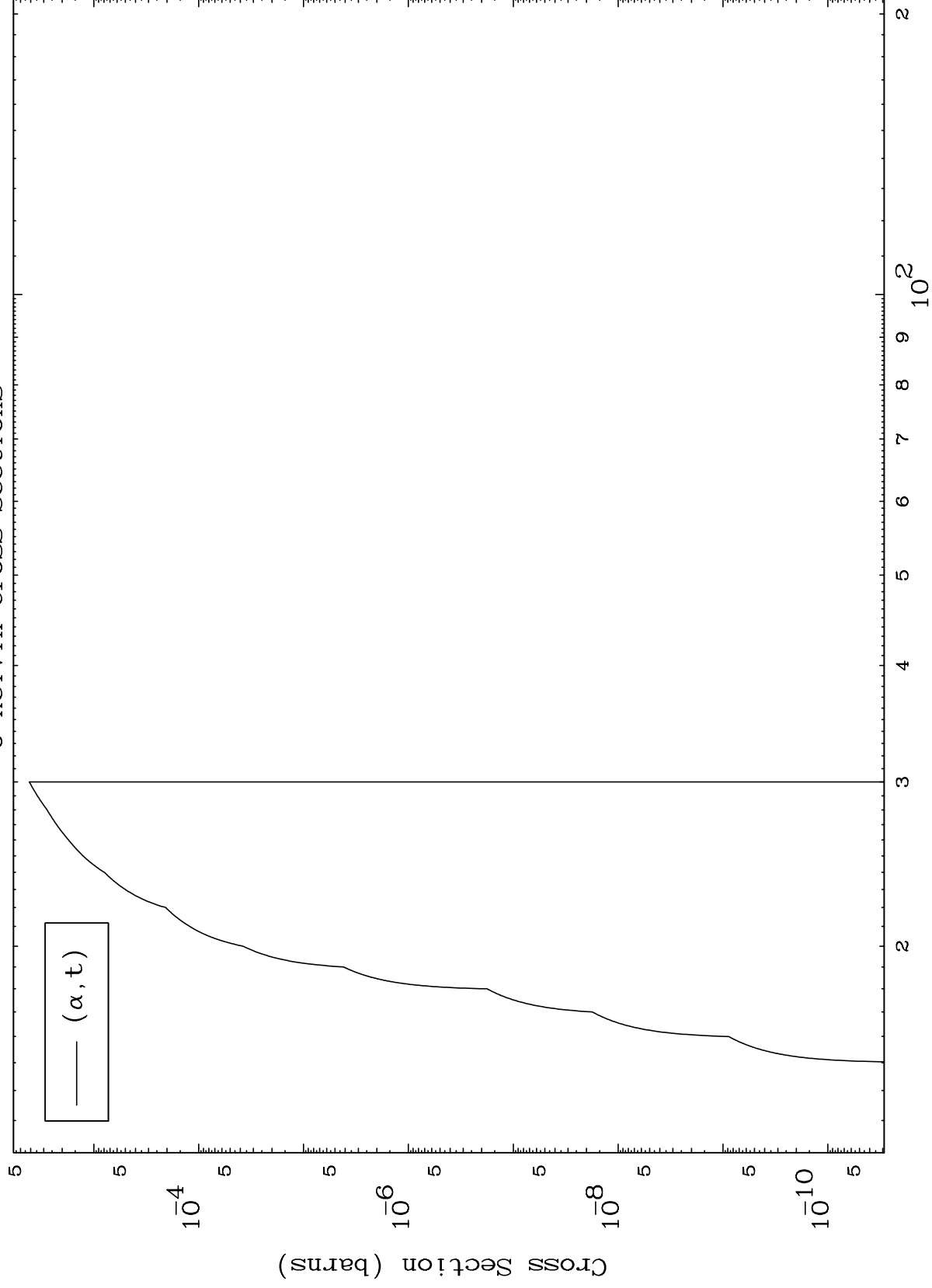
Incident Energy (MeV)

7

MAT 3922

39-Y -88

(α, t) Levels
0 Kelvin Cross Sections

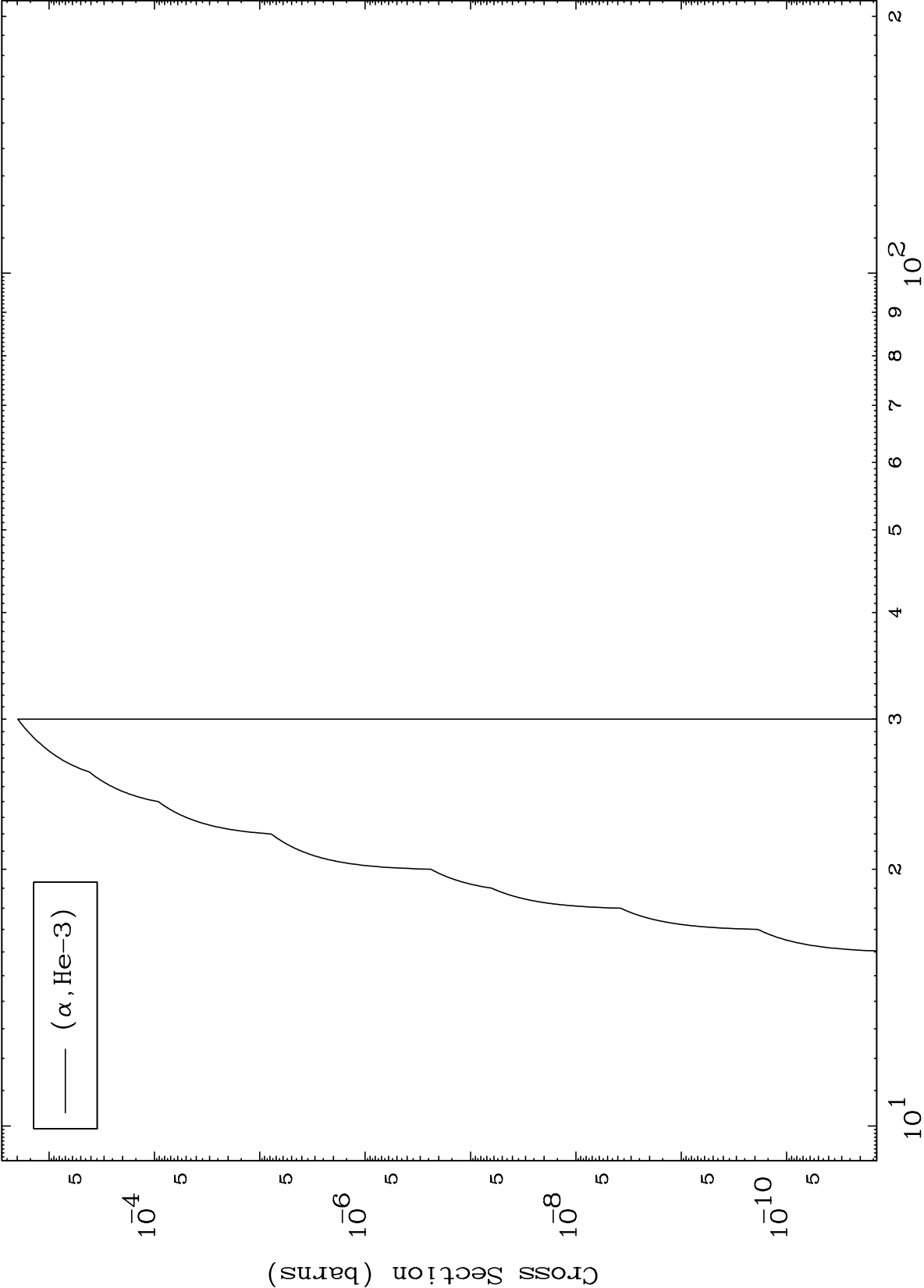


39-Y -88

Incident Energy (MeV)

8

0 Kelvin Cross Sections

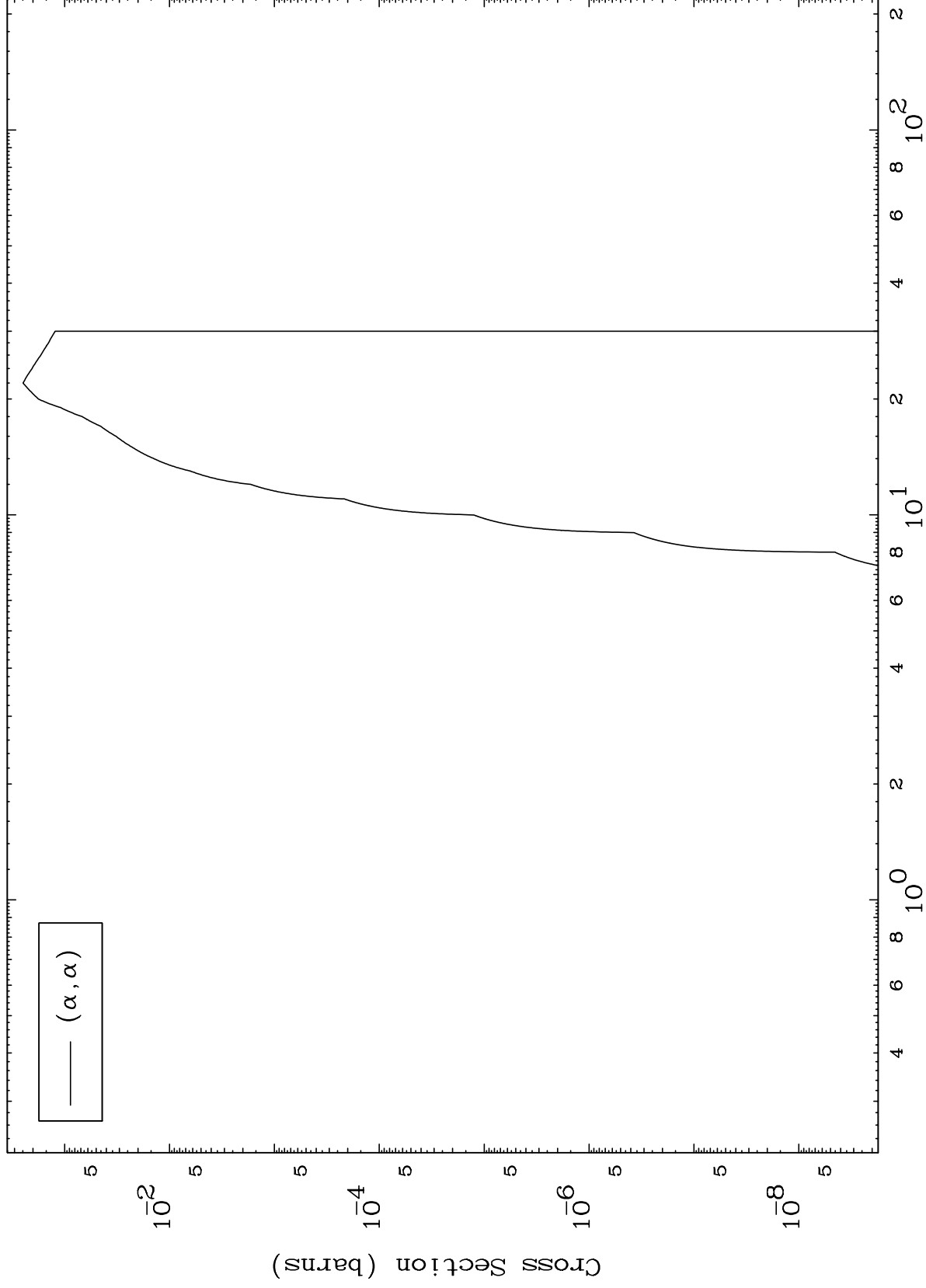


Incident Energy (MeV)

MAT 3922

39-Y -88

(α, α) Levels
0 Kelvin Cross Sections



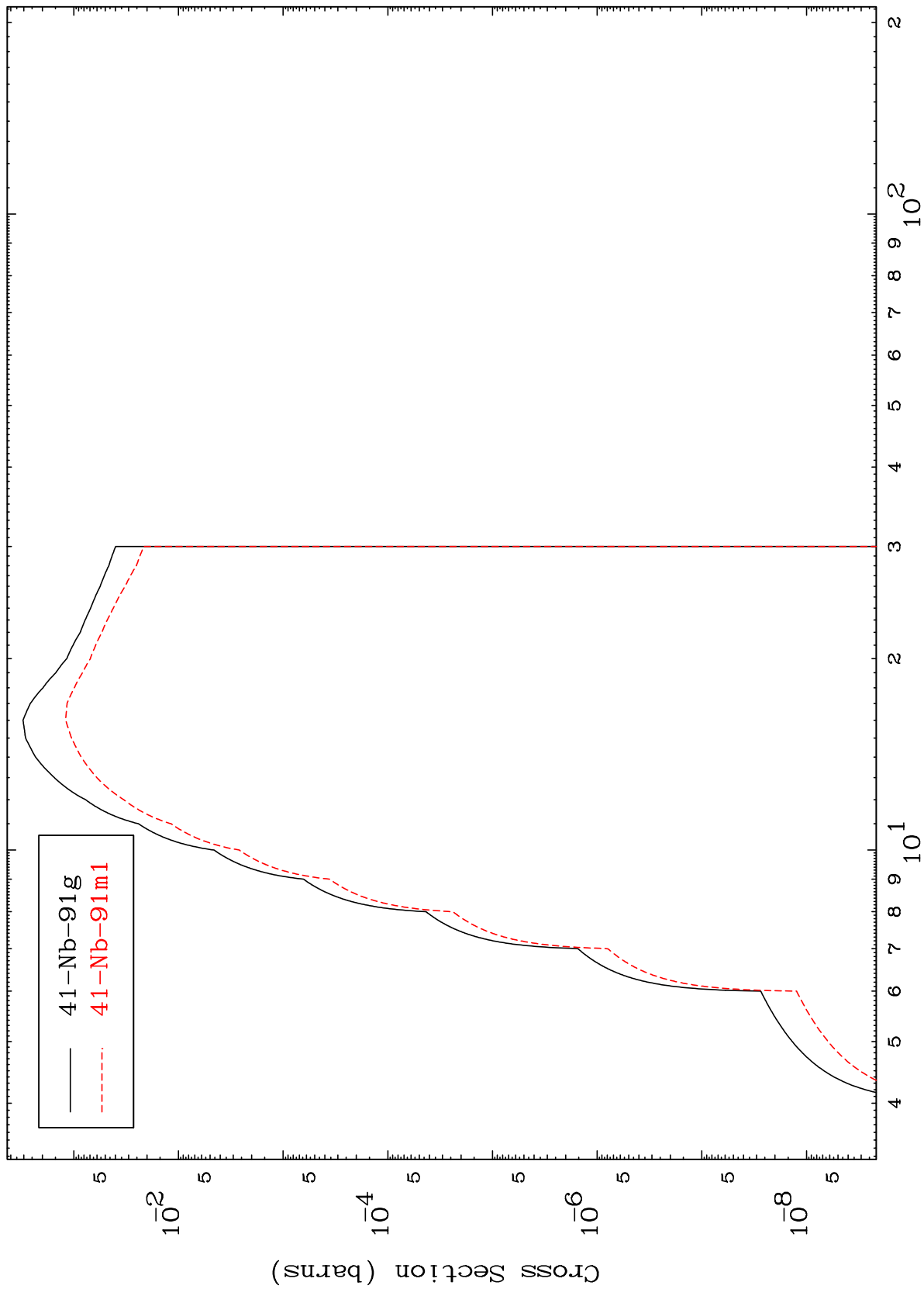
39-Y -88

Incident Energy (MeV)

10

Radionuclide Production Cross Section

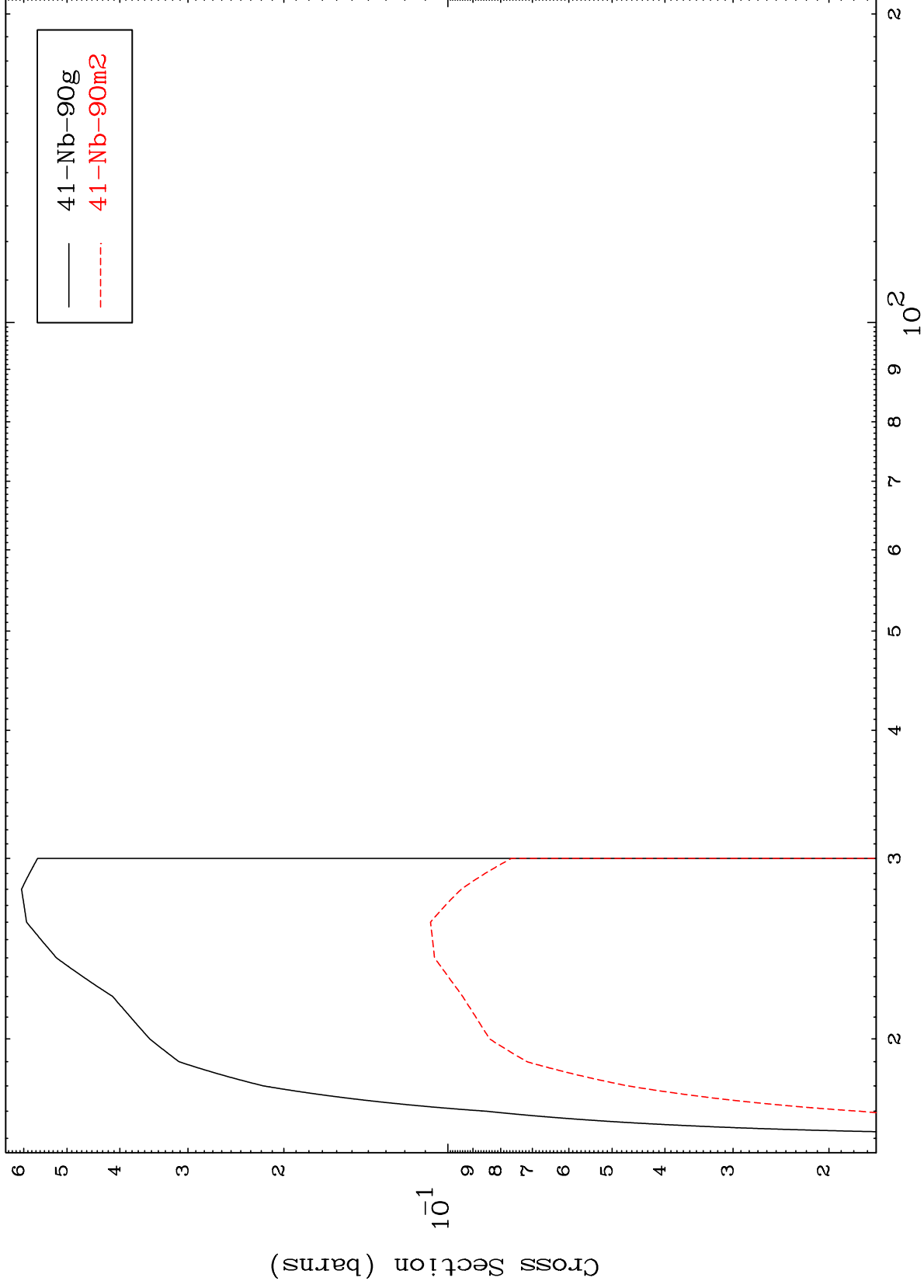
α Inelastic



MAT 3922

39-Y -88

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



39-Y -88

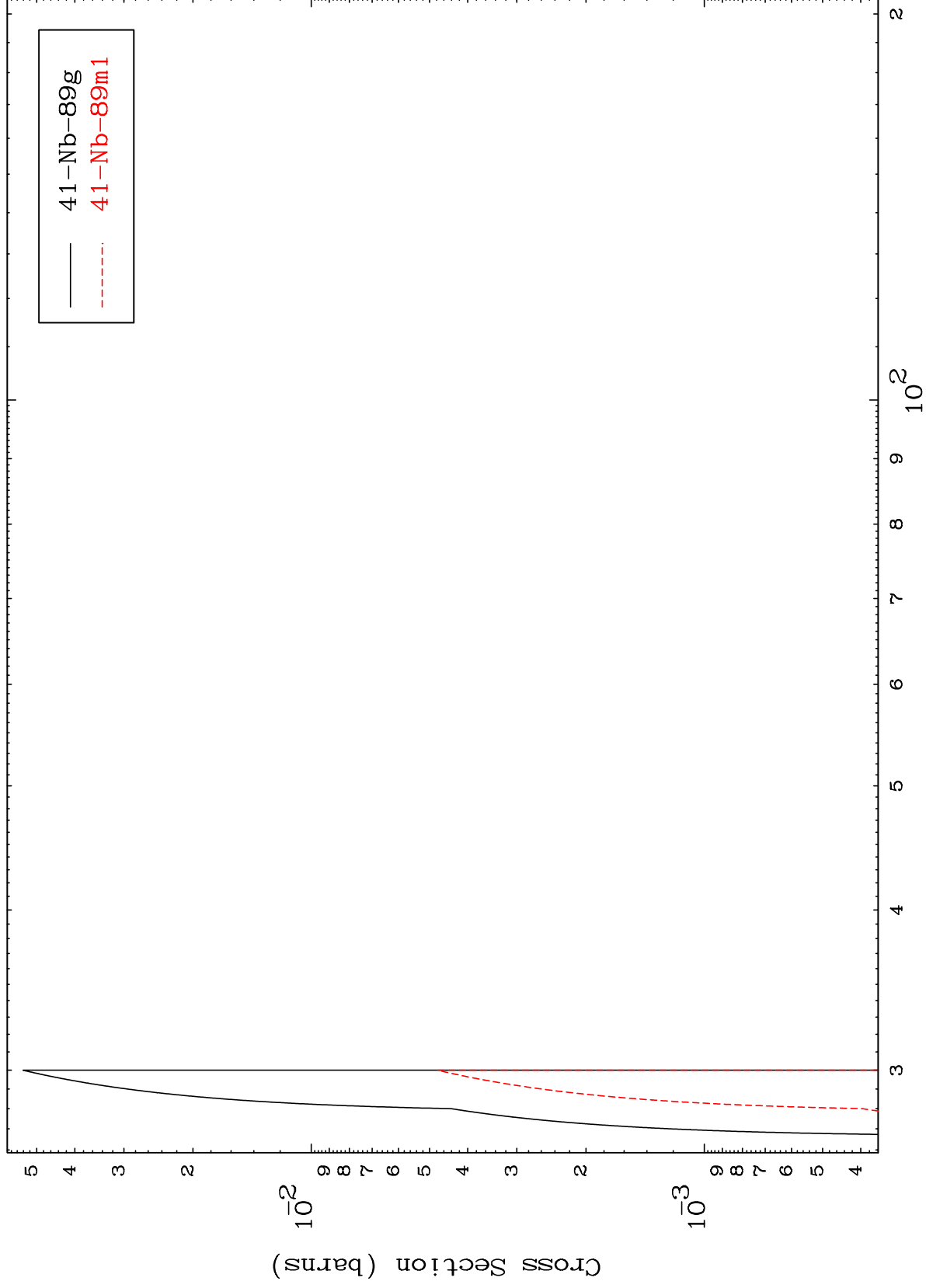
Incident Energy (MeV)

12

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39-Y -88

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



13

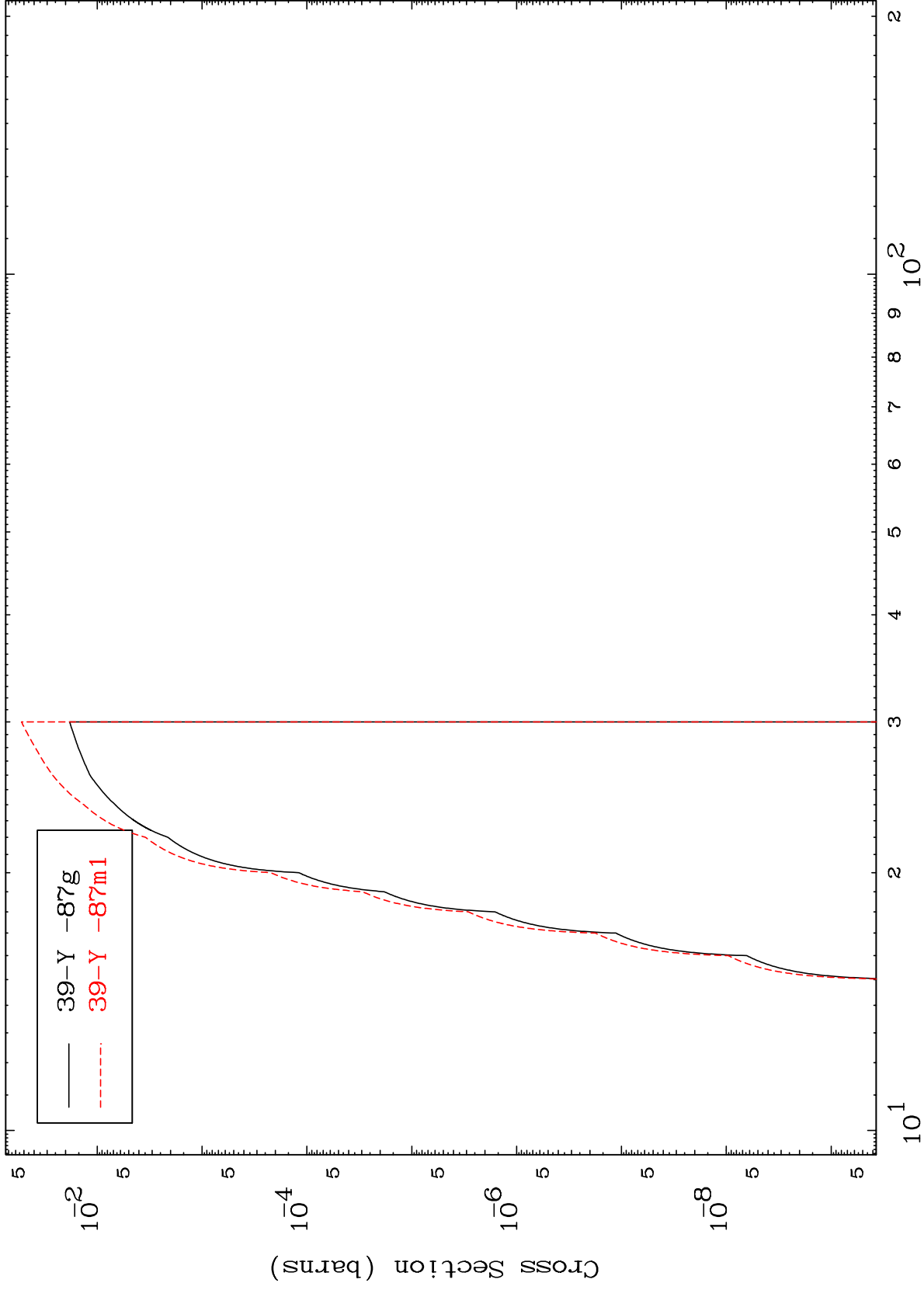
Incident Energy (MeV)

39-Y -88

MAT 3922

39-Y -88

(α, n') α
Radionuclide Production Cross Section



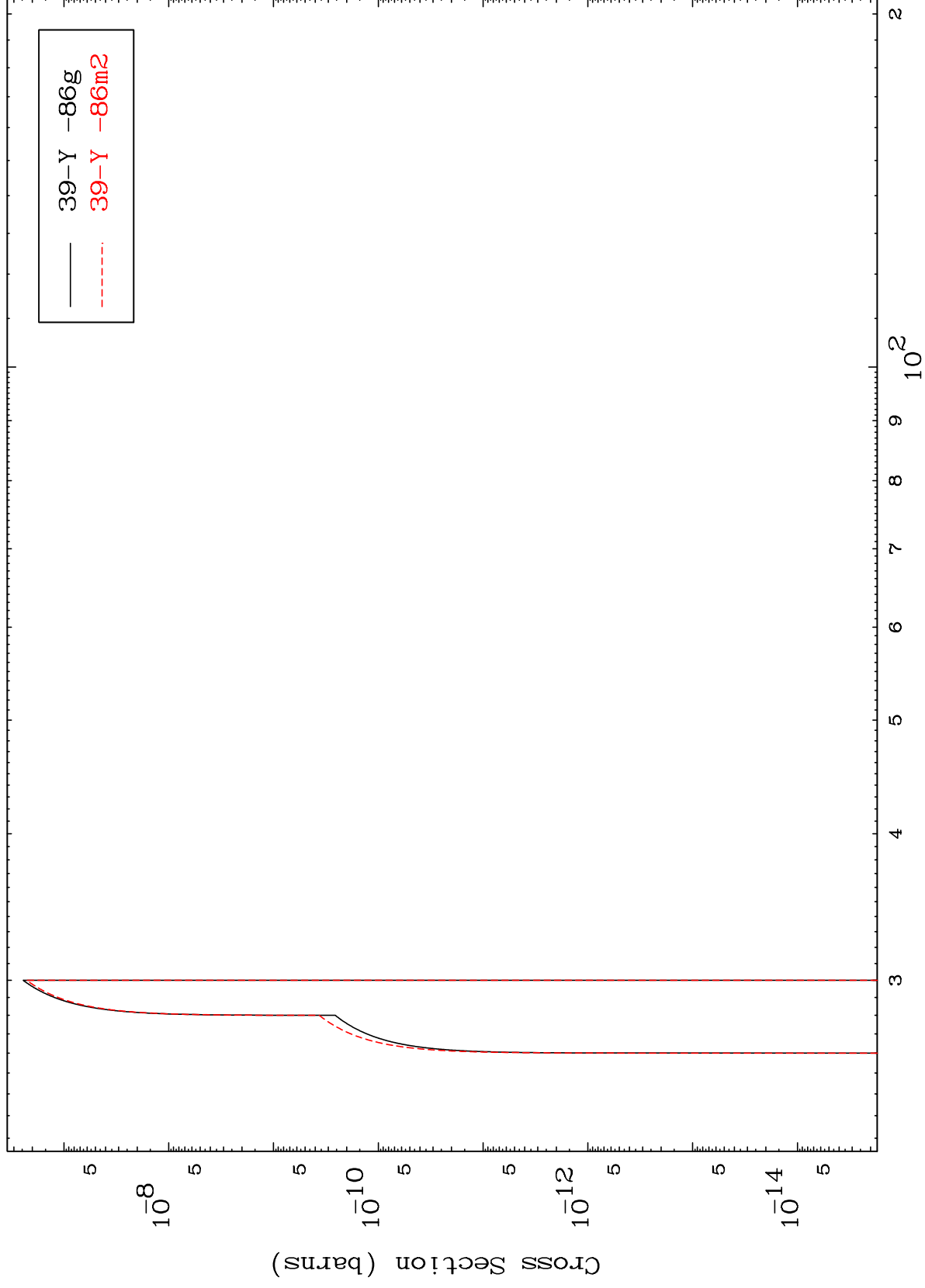
39-Y -88

Incident Energy (MeV)

MAT 3922

39-Y -88

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



15

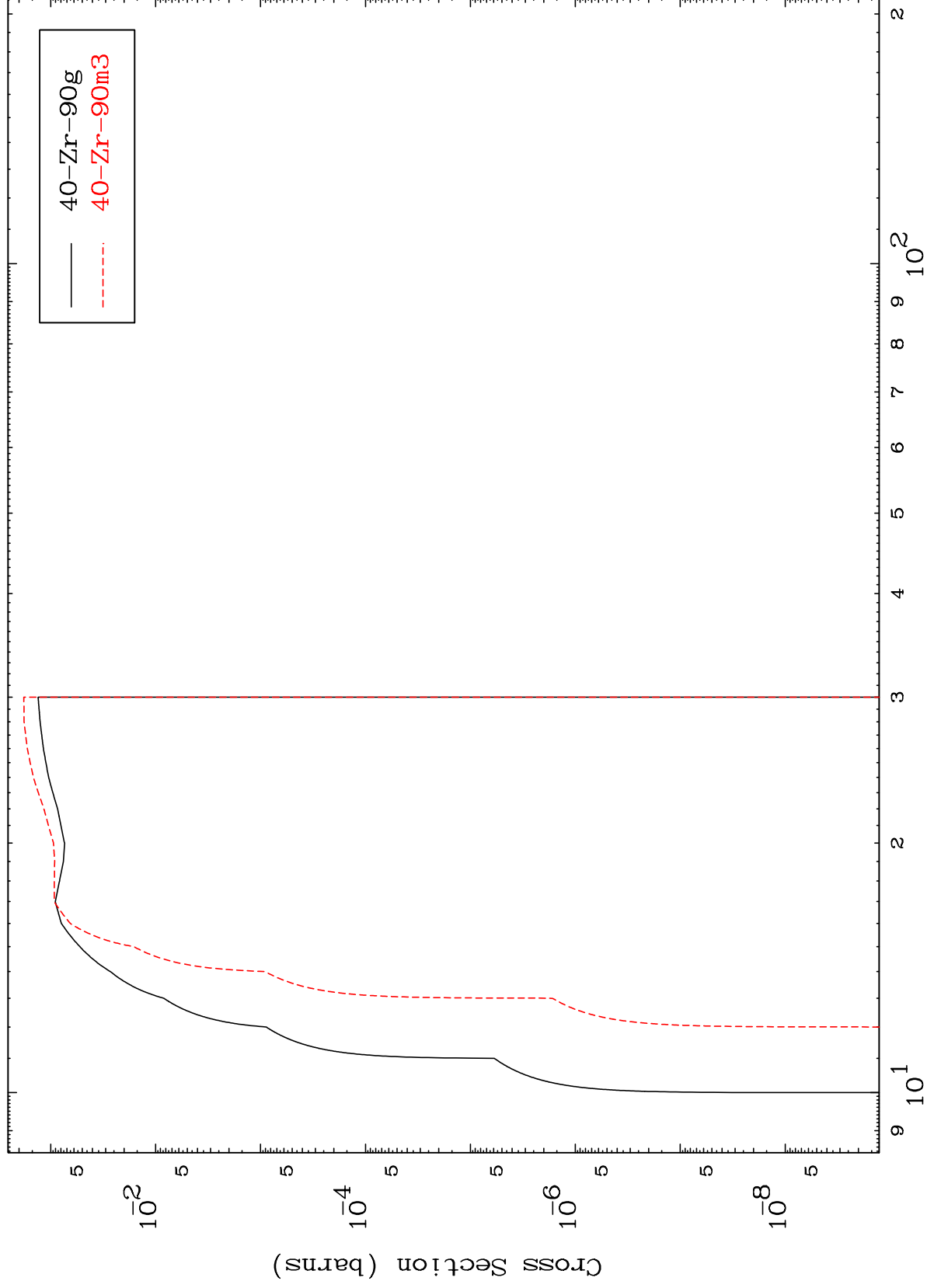
Incident Energy (MeV)

39-Y -88

MAT 3922

39-Y -88

(α, n') p
Radionuclide Production Cross Section



39-Y -88

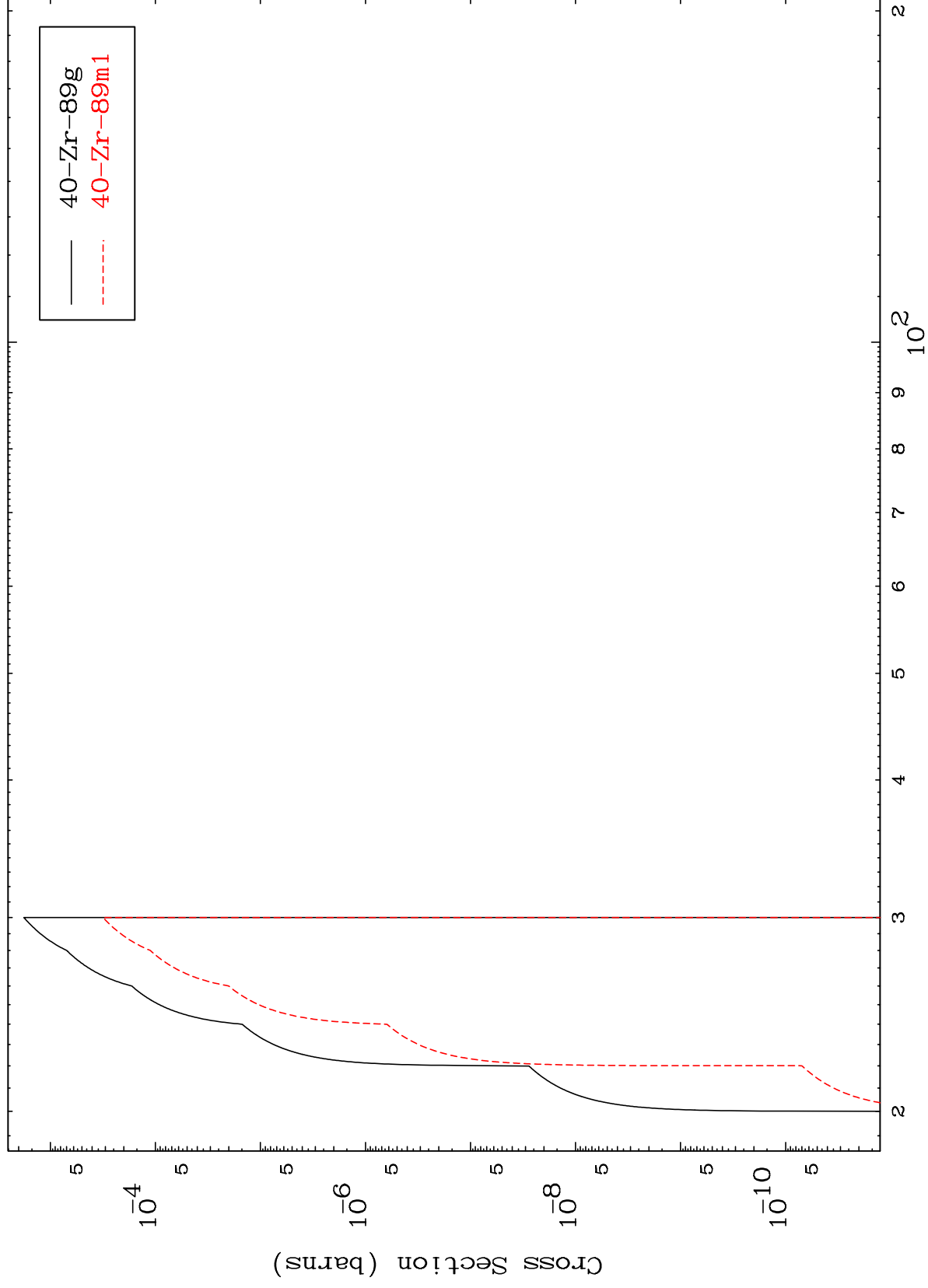
Incident Energy (MeV)

16

MAT 3922

39-Y -88

(α, n') d
Radionuclide Production Cross Section



17

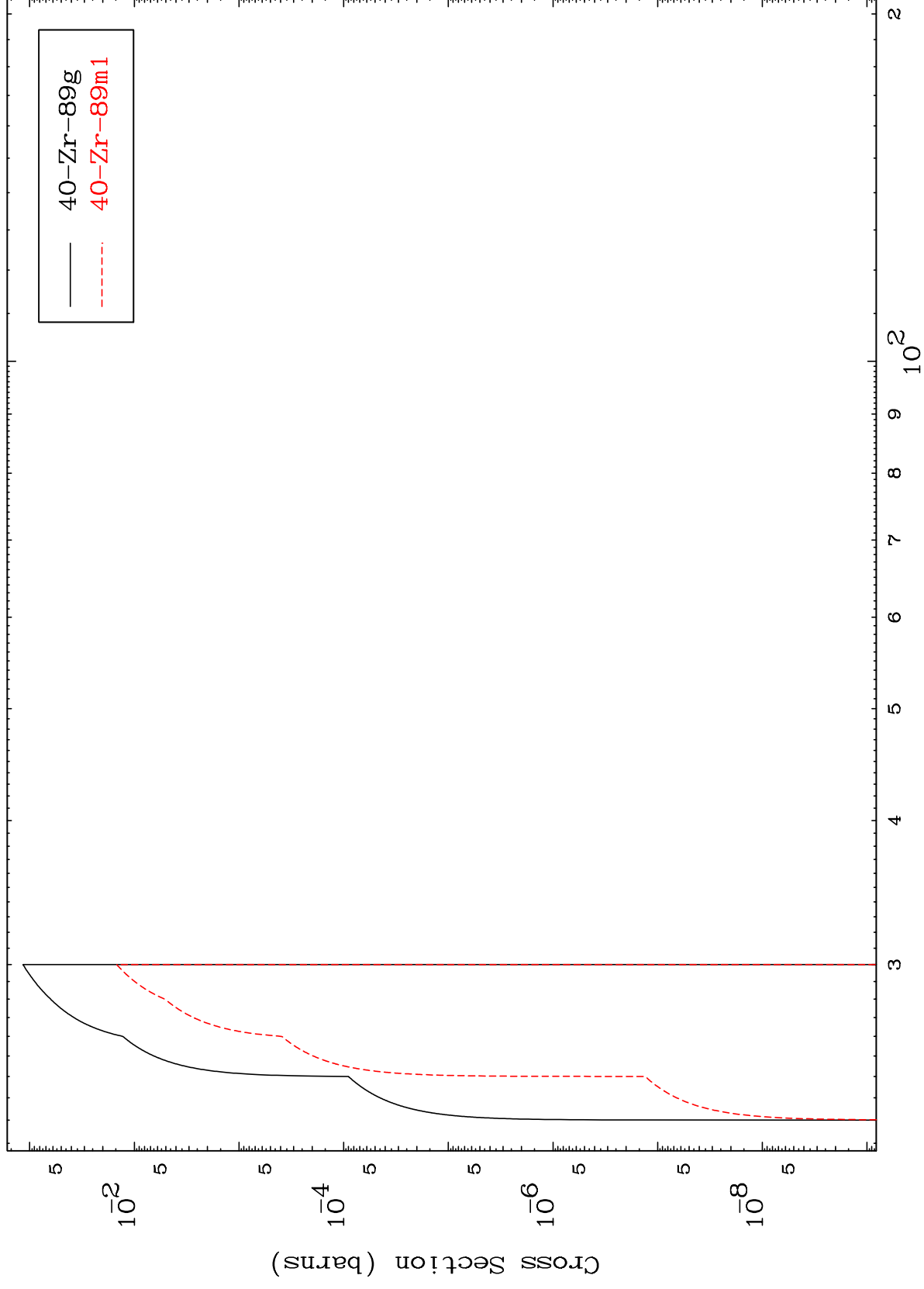
Incident Energy (MeV)

39-Y -88

MAT 3922

$(\alpha, 2n)$ p 39-Y -88

Radionuclide Production Cross Section

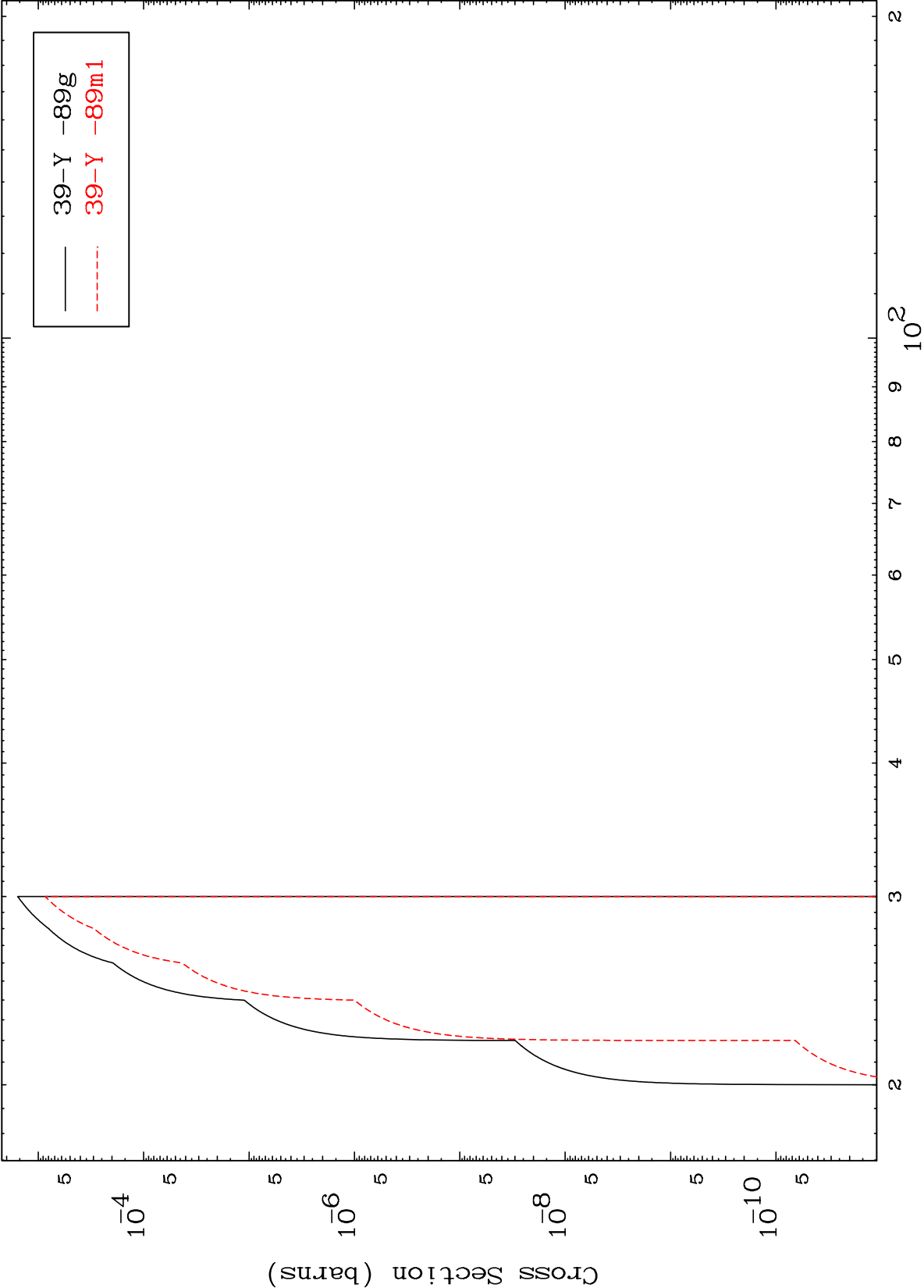


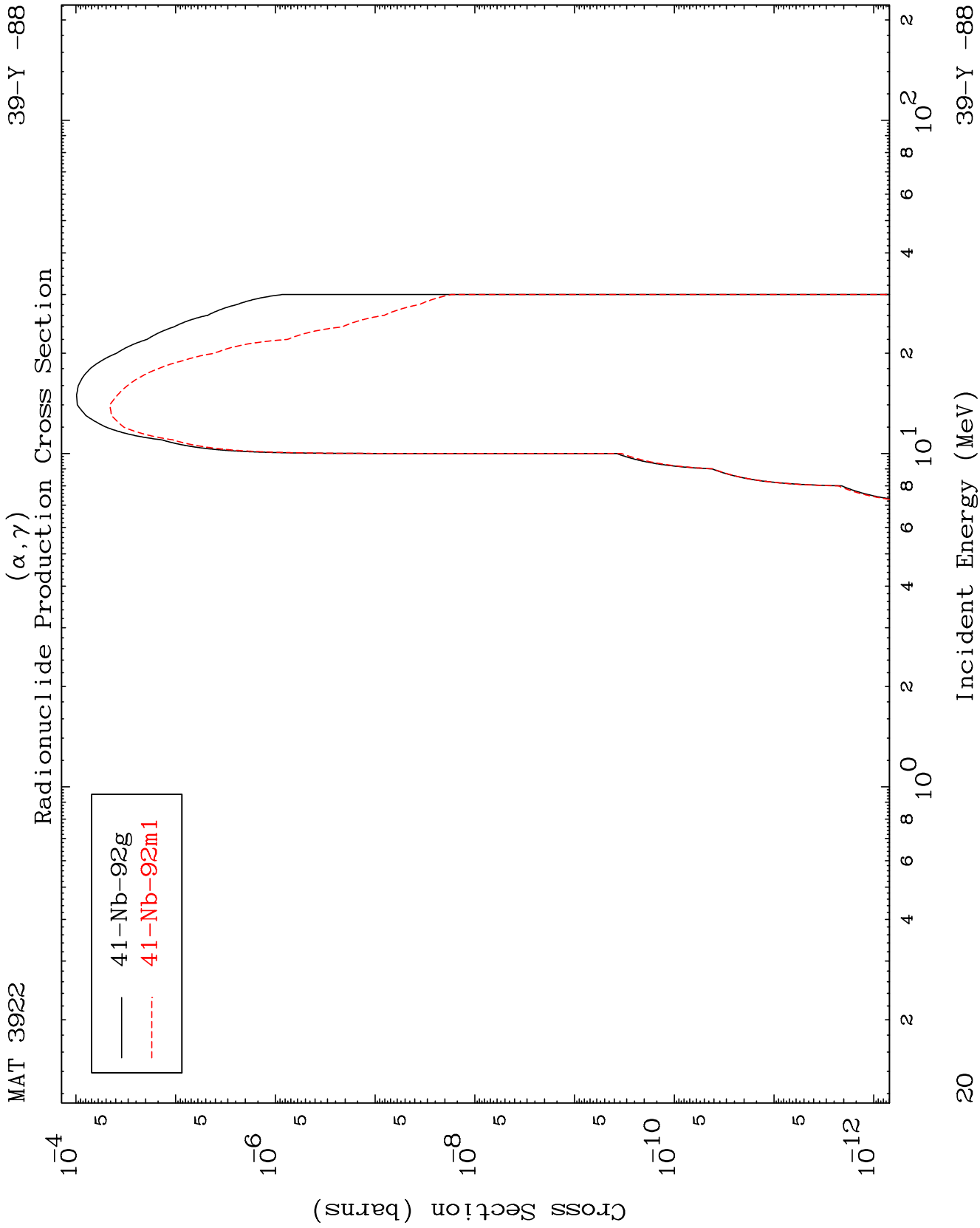
18

Incident Energy (MeV)

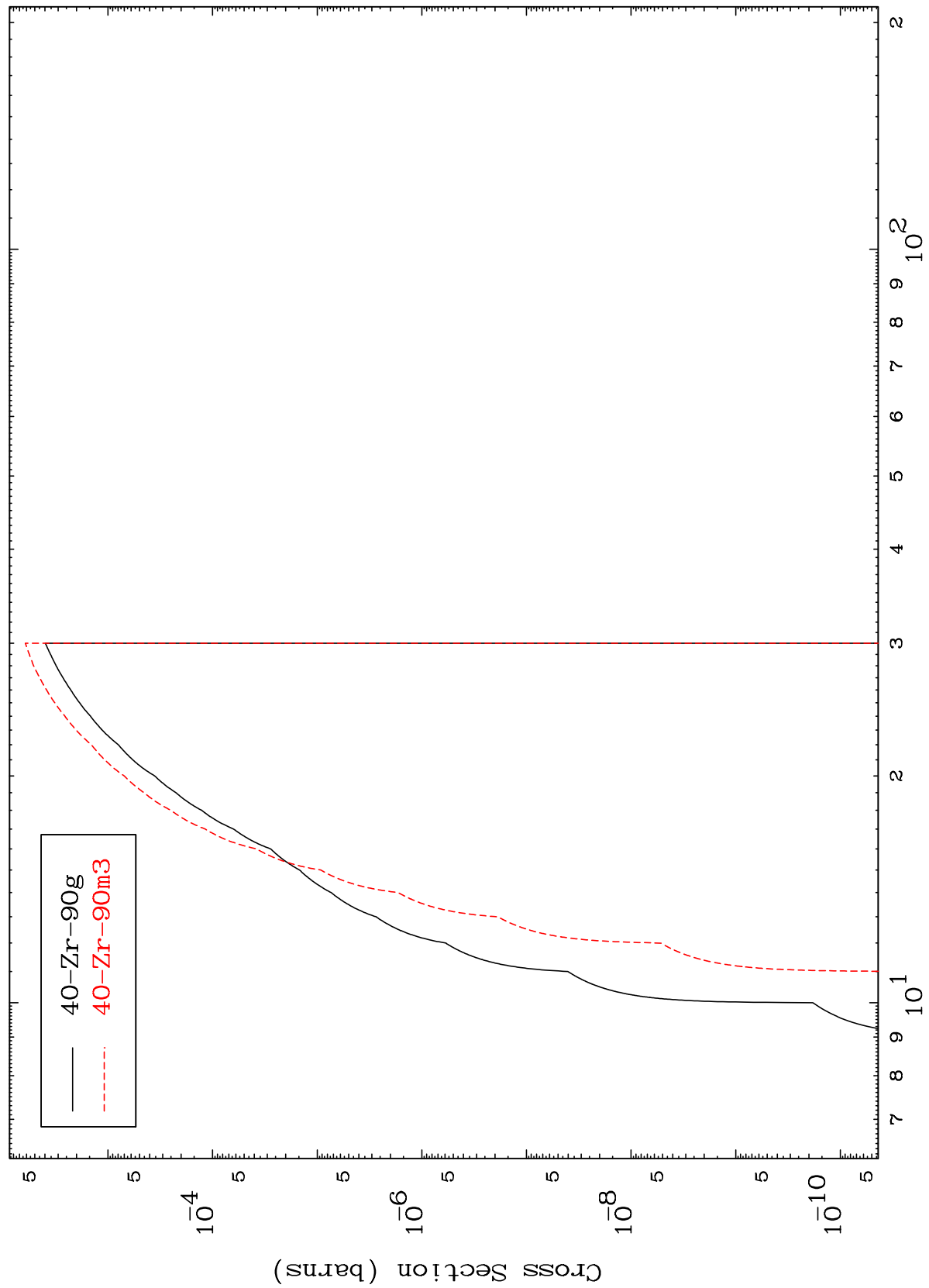
39-Y -88

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

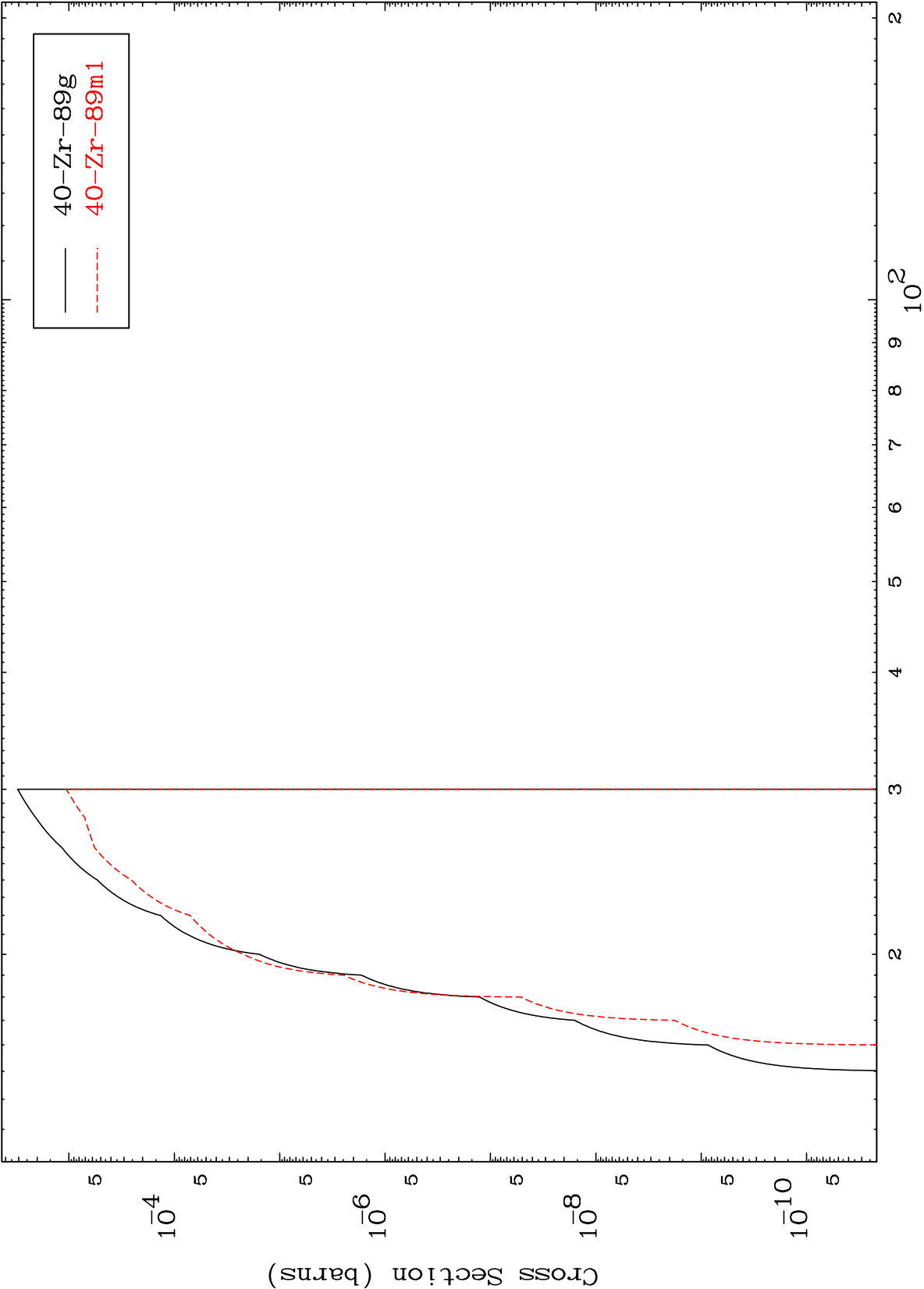




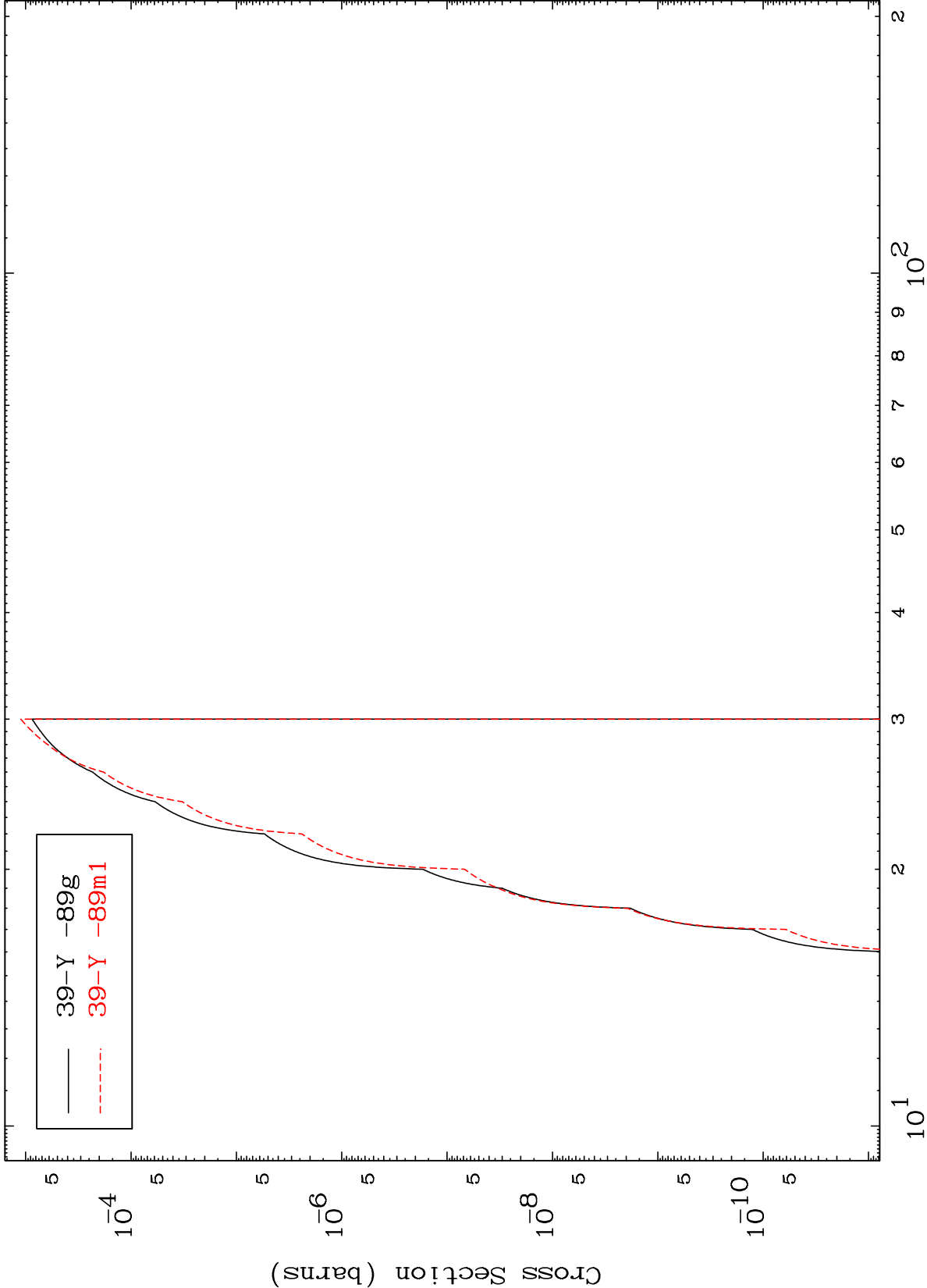
Radionuclide Production Cross Section
(α, d)



Radionuclide Production Cross Section
(α, t)



Radionuclide Production Cross Section

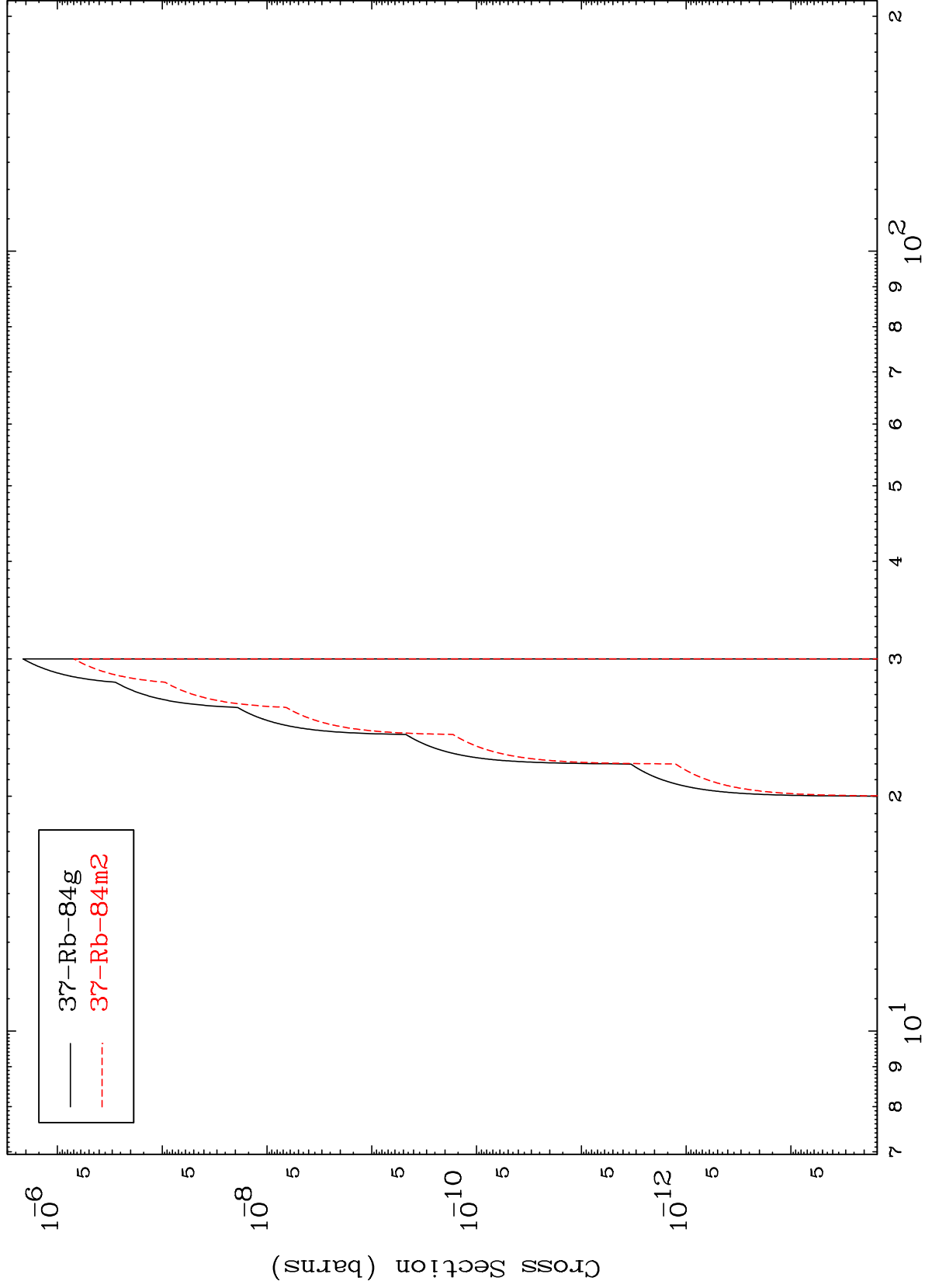


Incident Energy (MeV)

MAT 3922

39-Y -88

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



39-Y -88

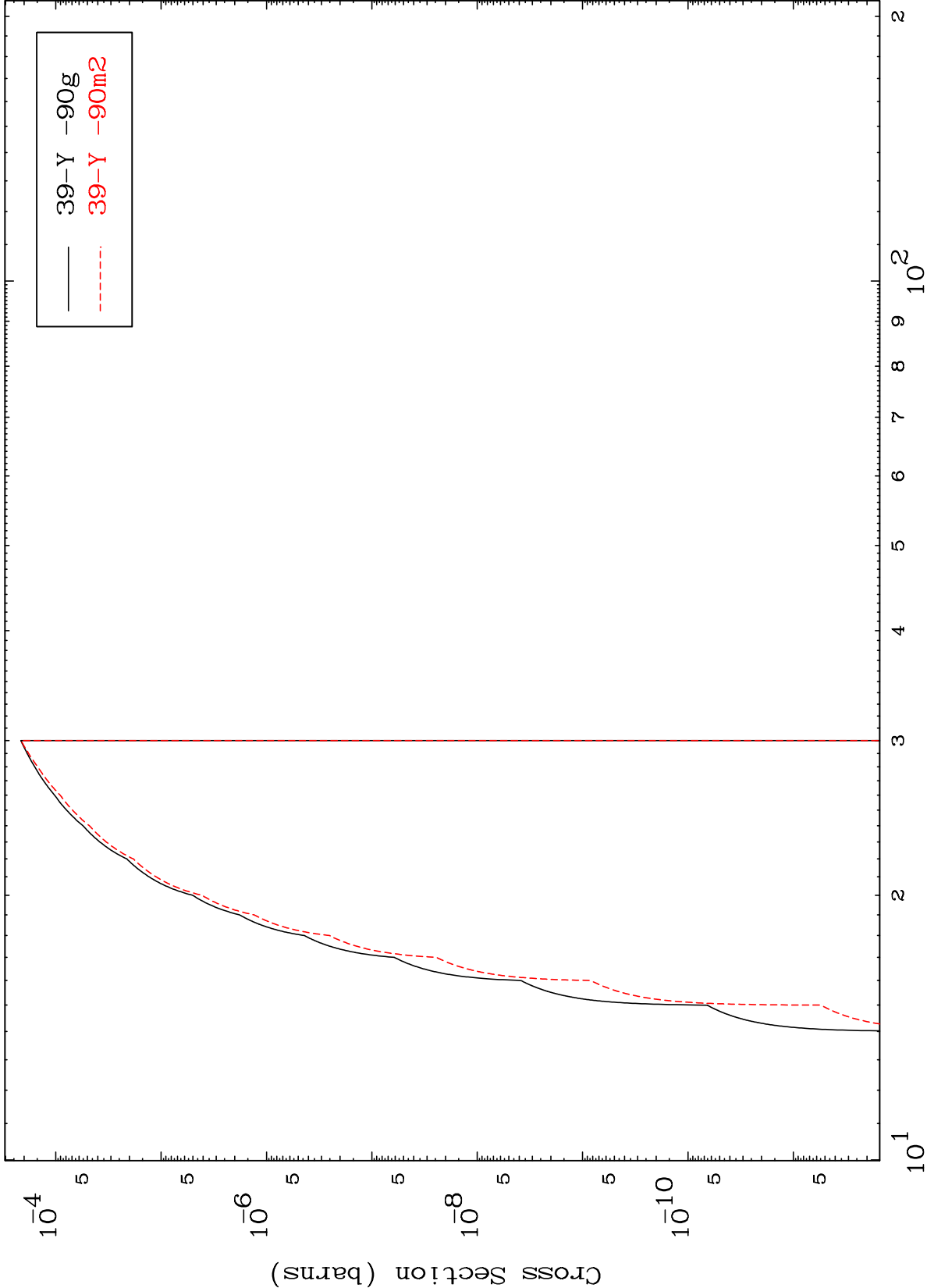
Incident Energy (MeV)

24

MAT 3922

39-Y -88

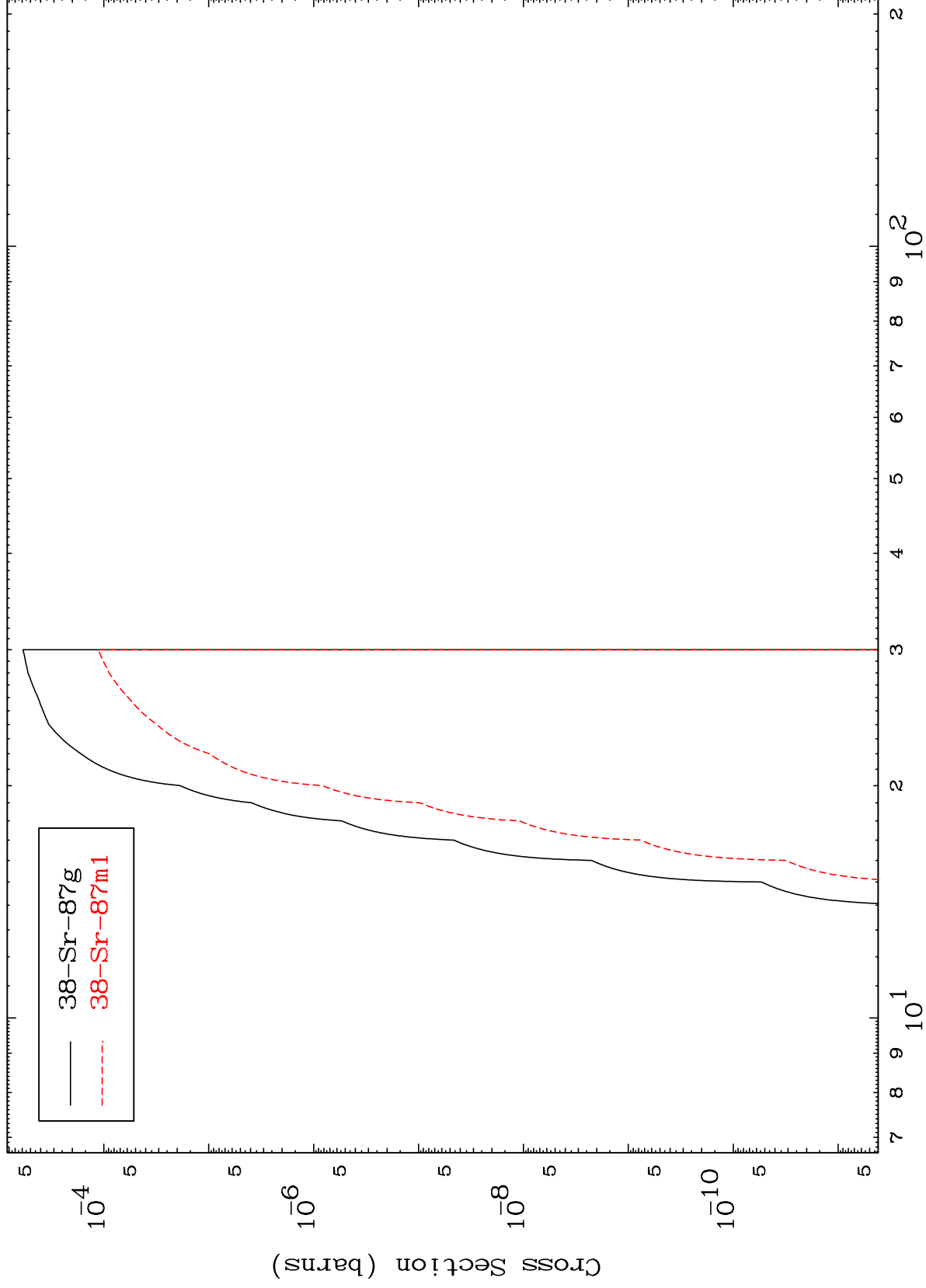
Radionuclide Production Cross Section
($\alpha, 2p$)



Incident Energy (MeV)

39-Y -88

Radionuclide Production Cross Section
(α, p) α



(α, p) d
Radionuclide Production Cross Section

