

Program EVALPLOT
(Version 2021-1)

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

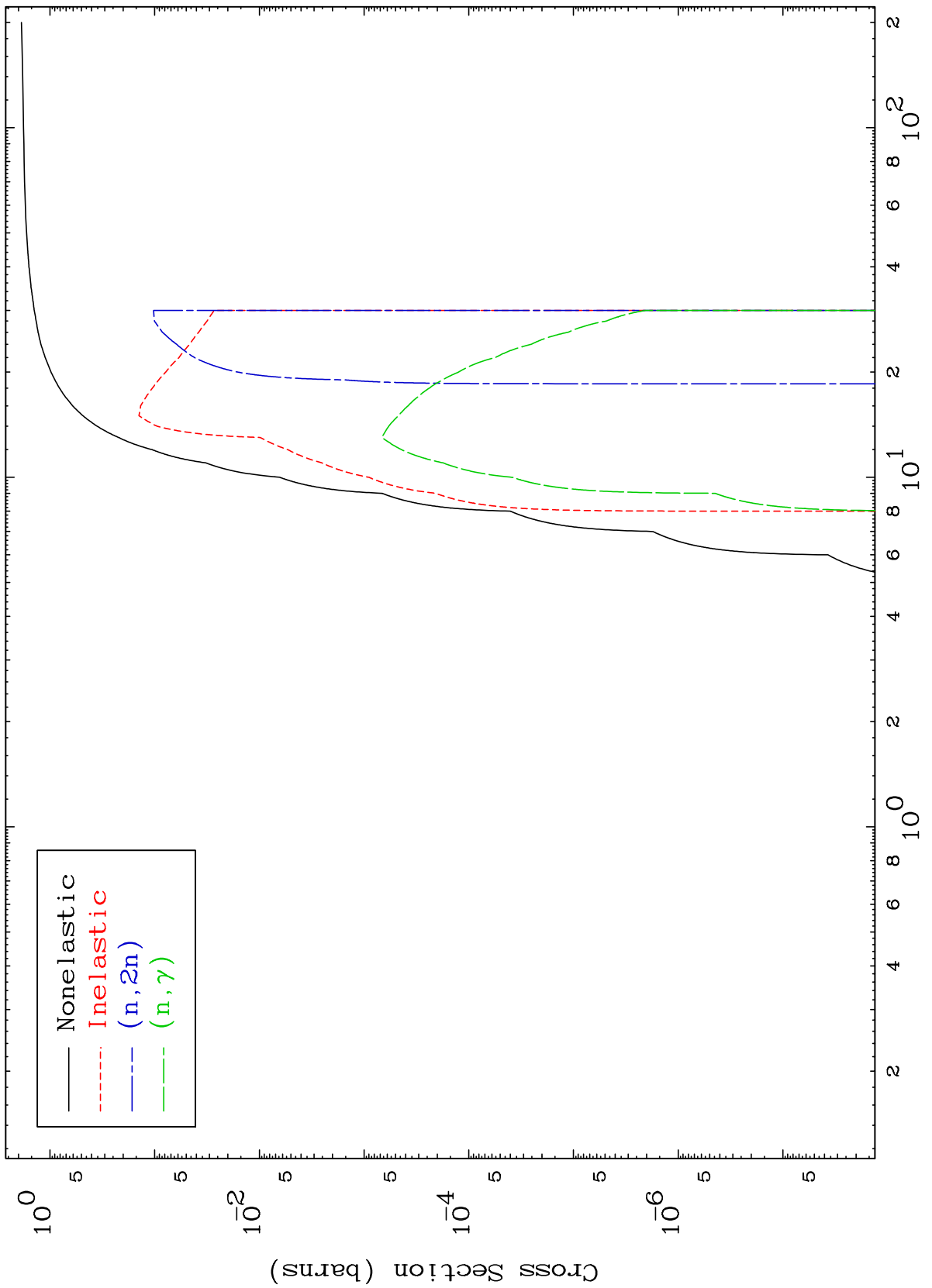
Press Mouse Button to Start

MAT 3913

α Major

39-Y -85

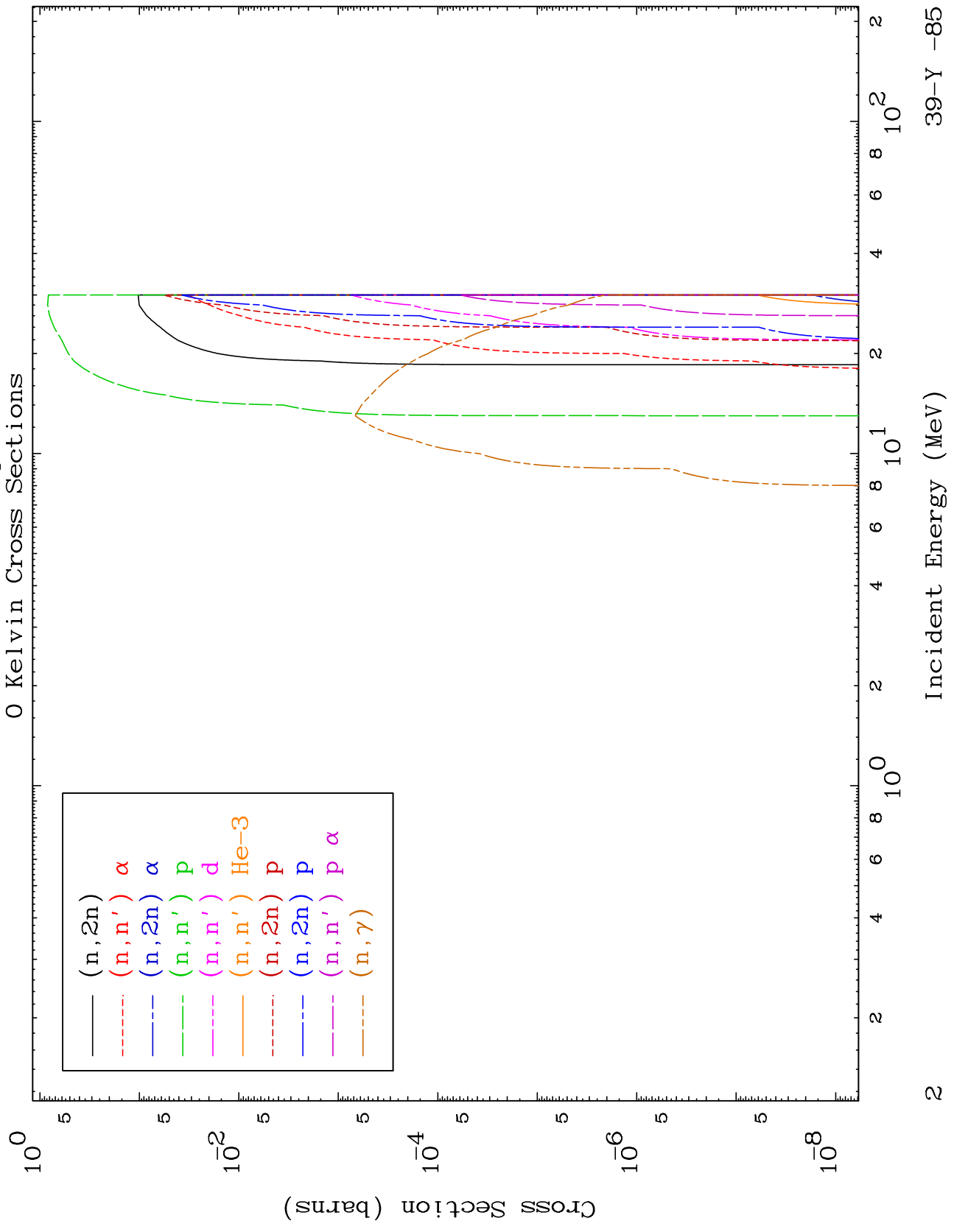
0 Kelvin Cross Sections

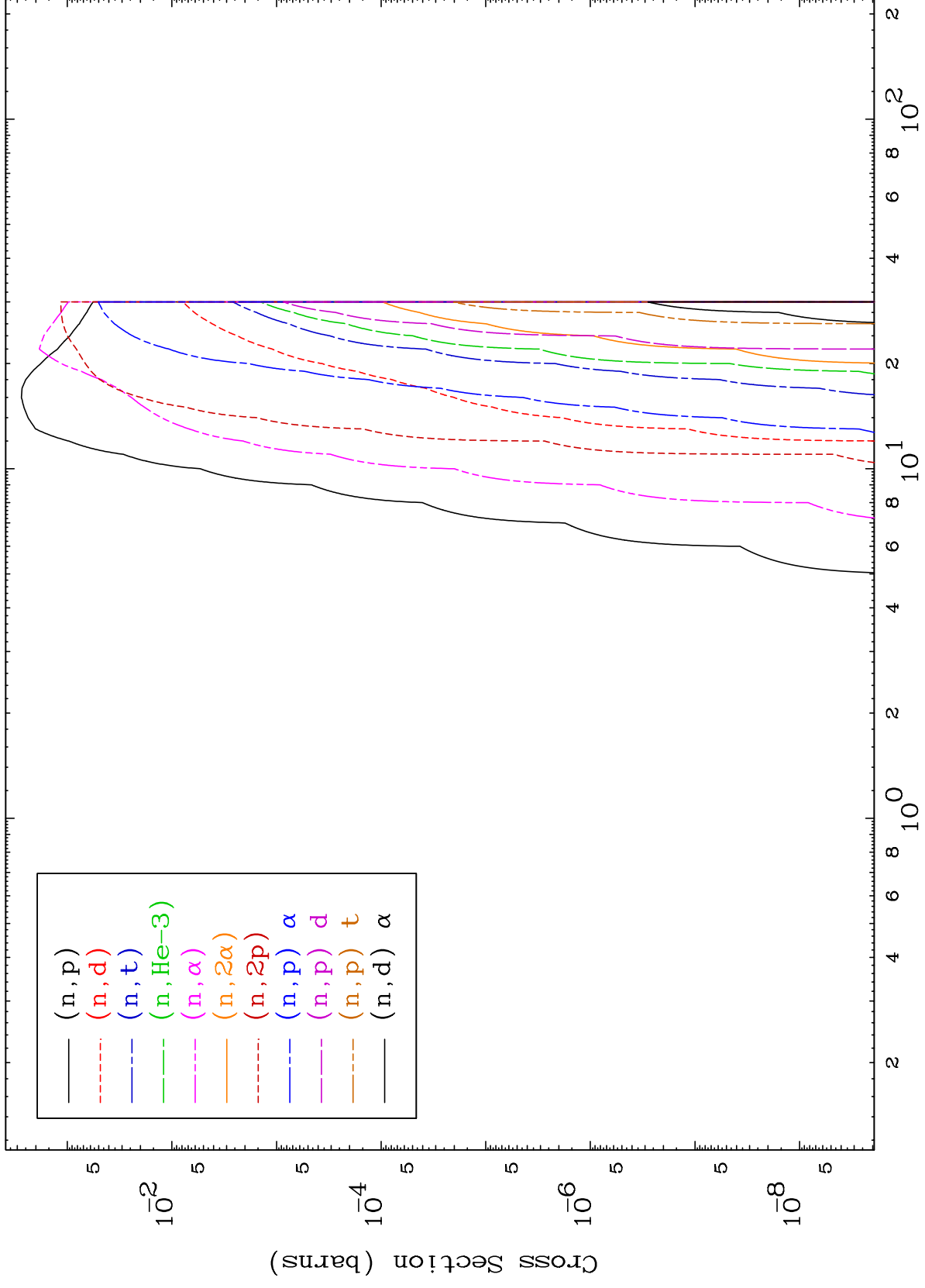


MAT 3913

α Neutron Absorption

39-Y -85

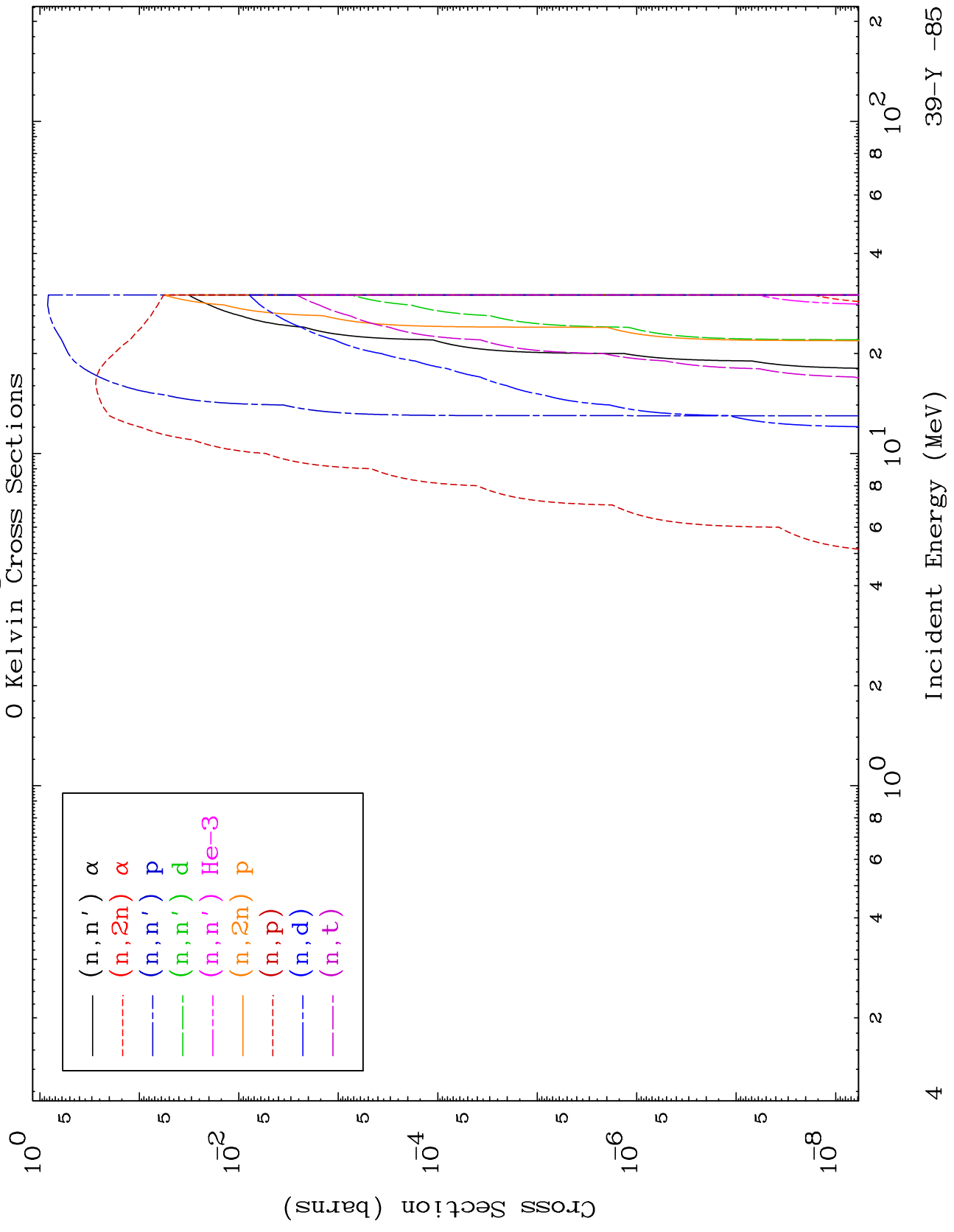


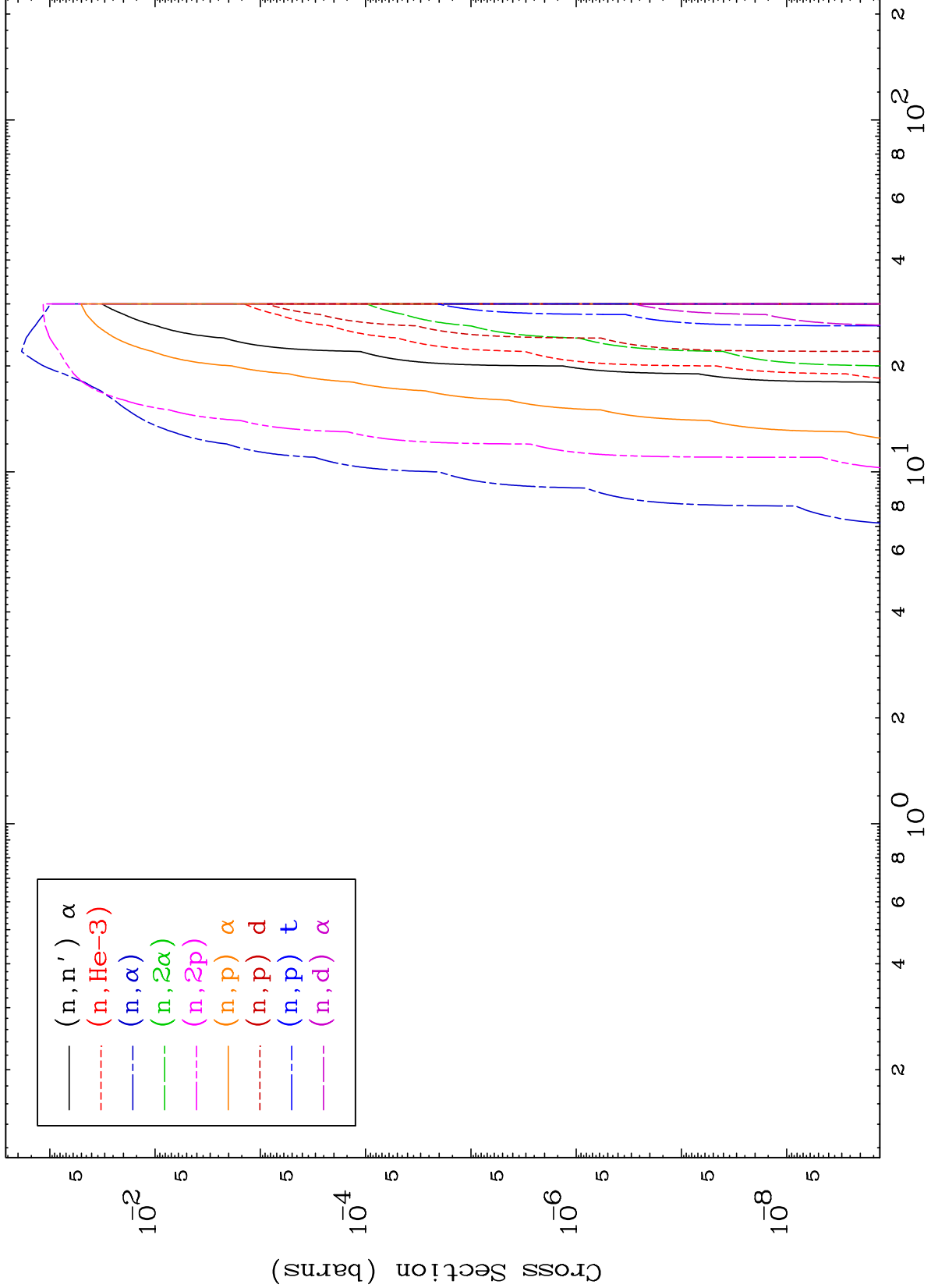


MAT 3913

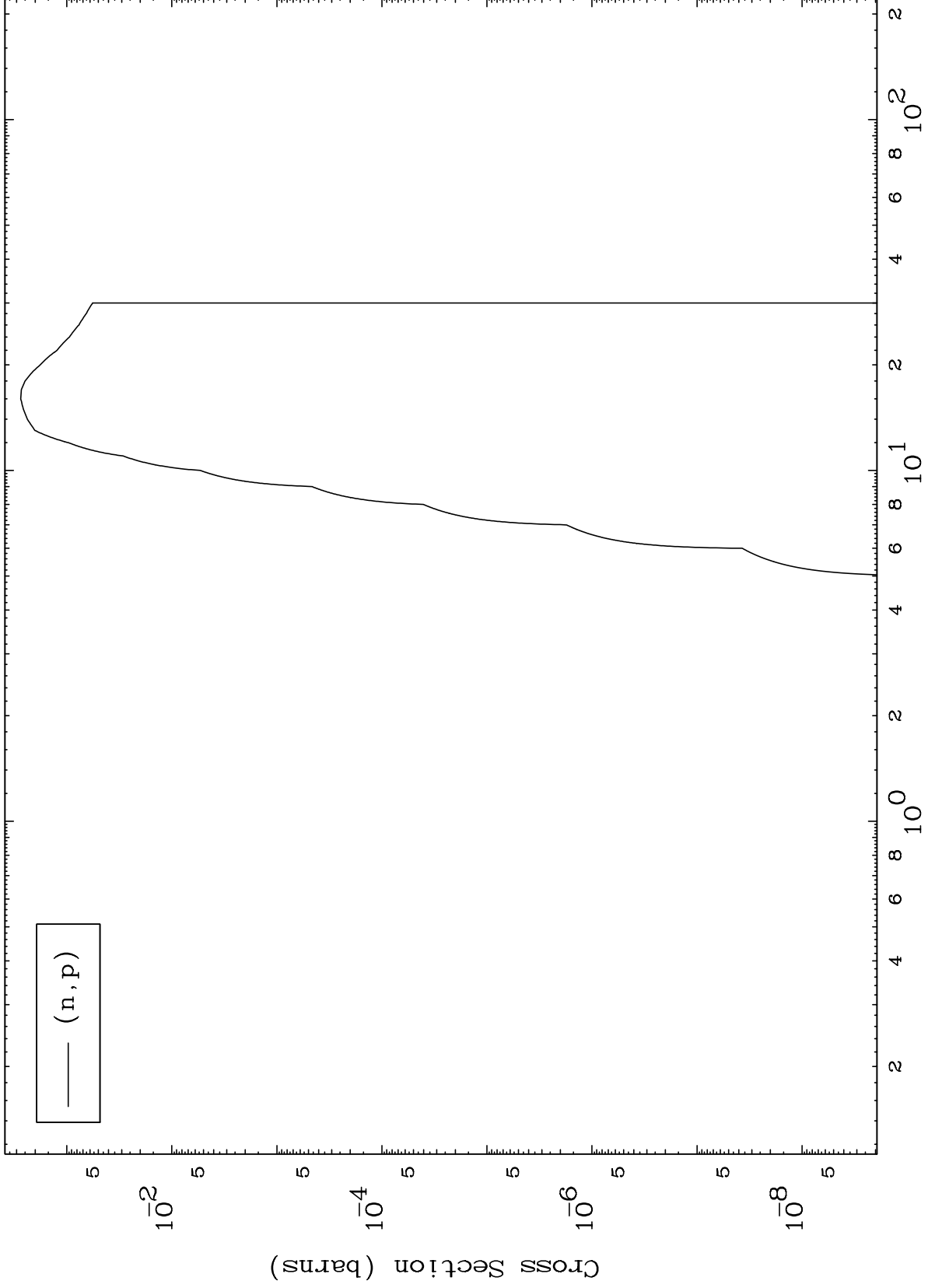
α Charged Particle
0 Kelvin Cross Sections

39-Y -85





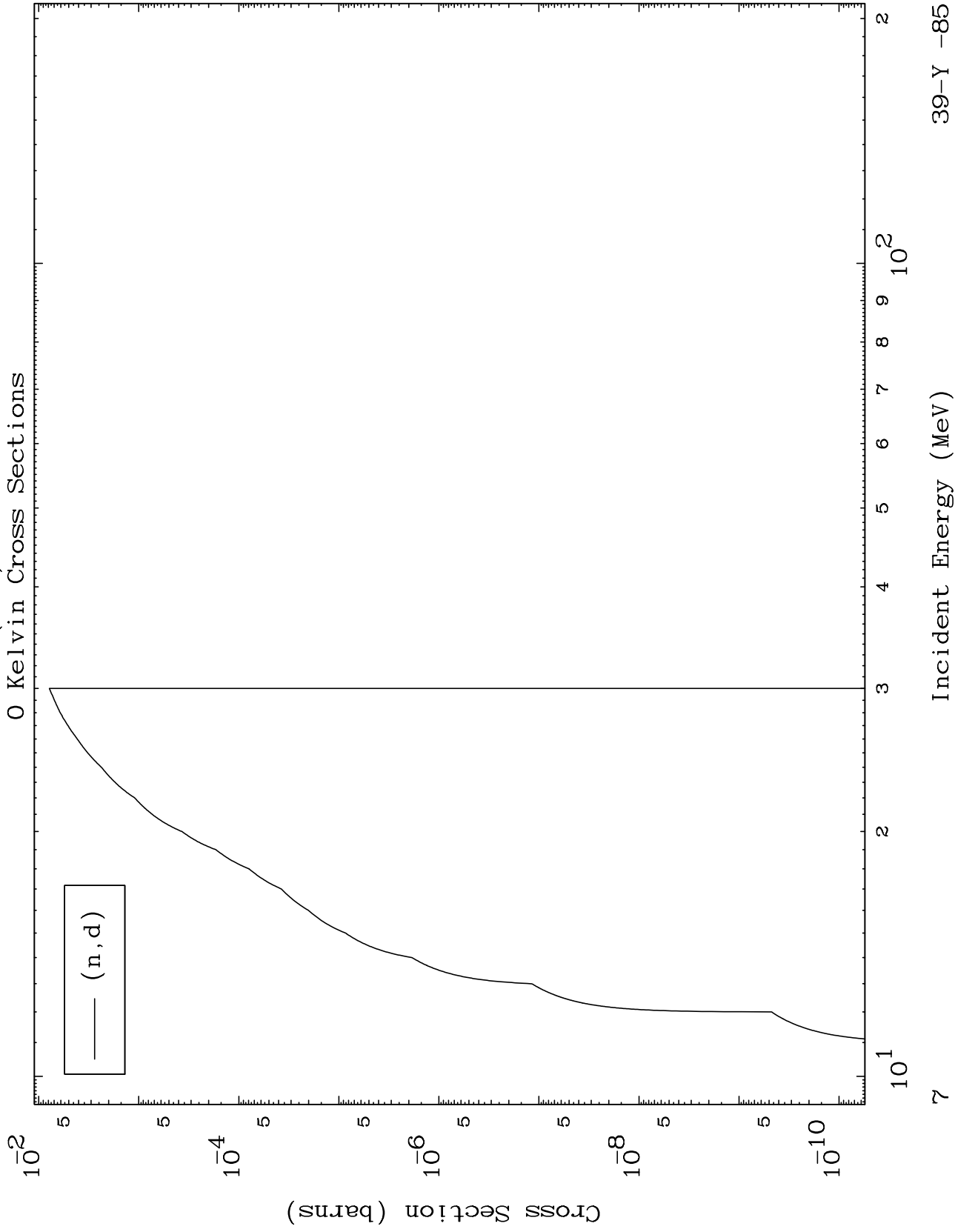
0 Kelvin Cross Sections

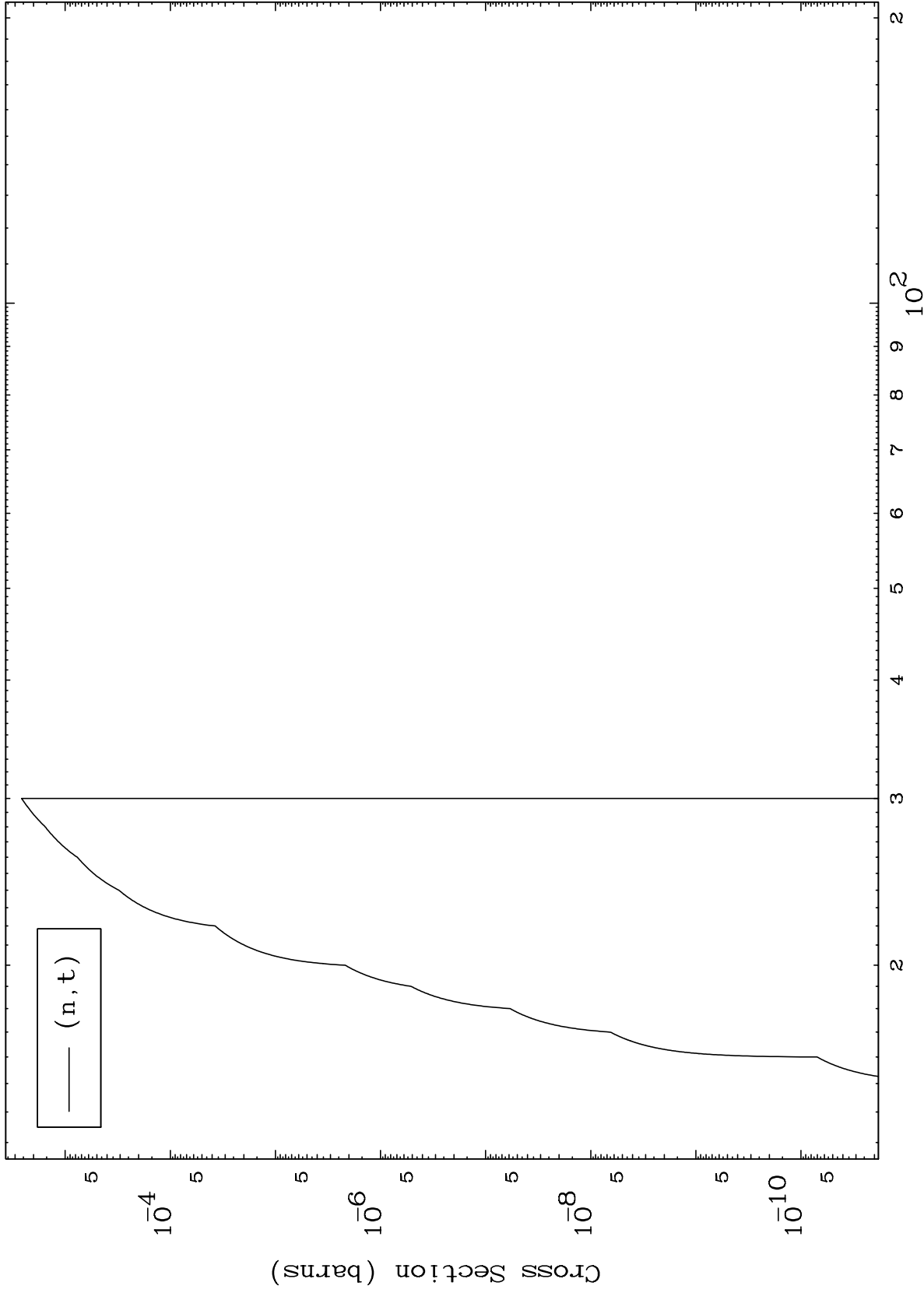


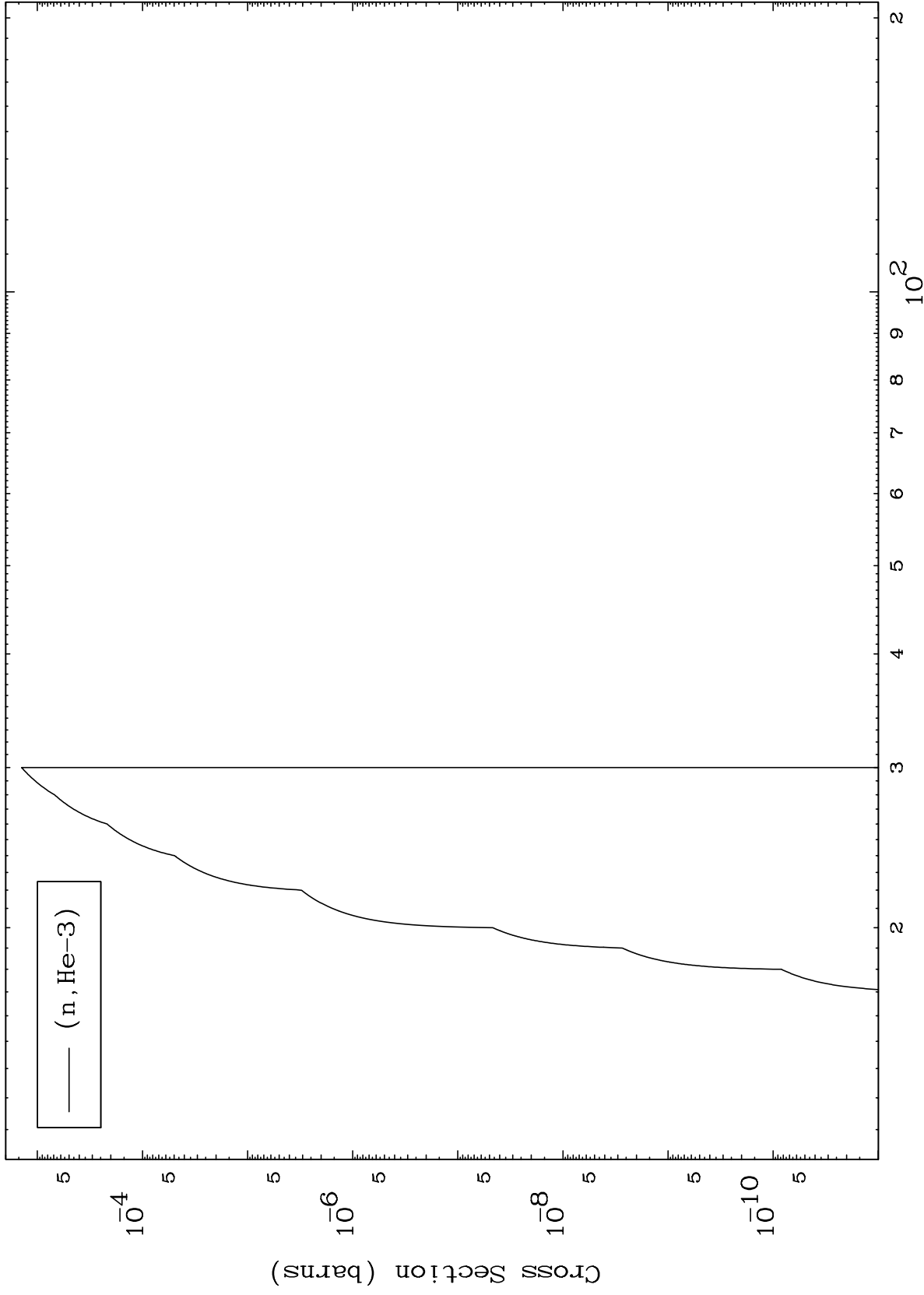
MAT 3913

(α, d) Levels

39-Y -85





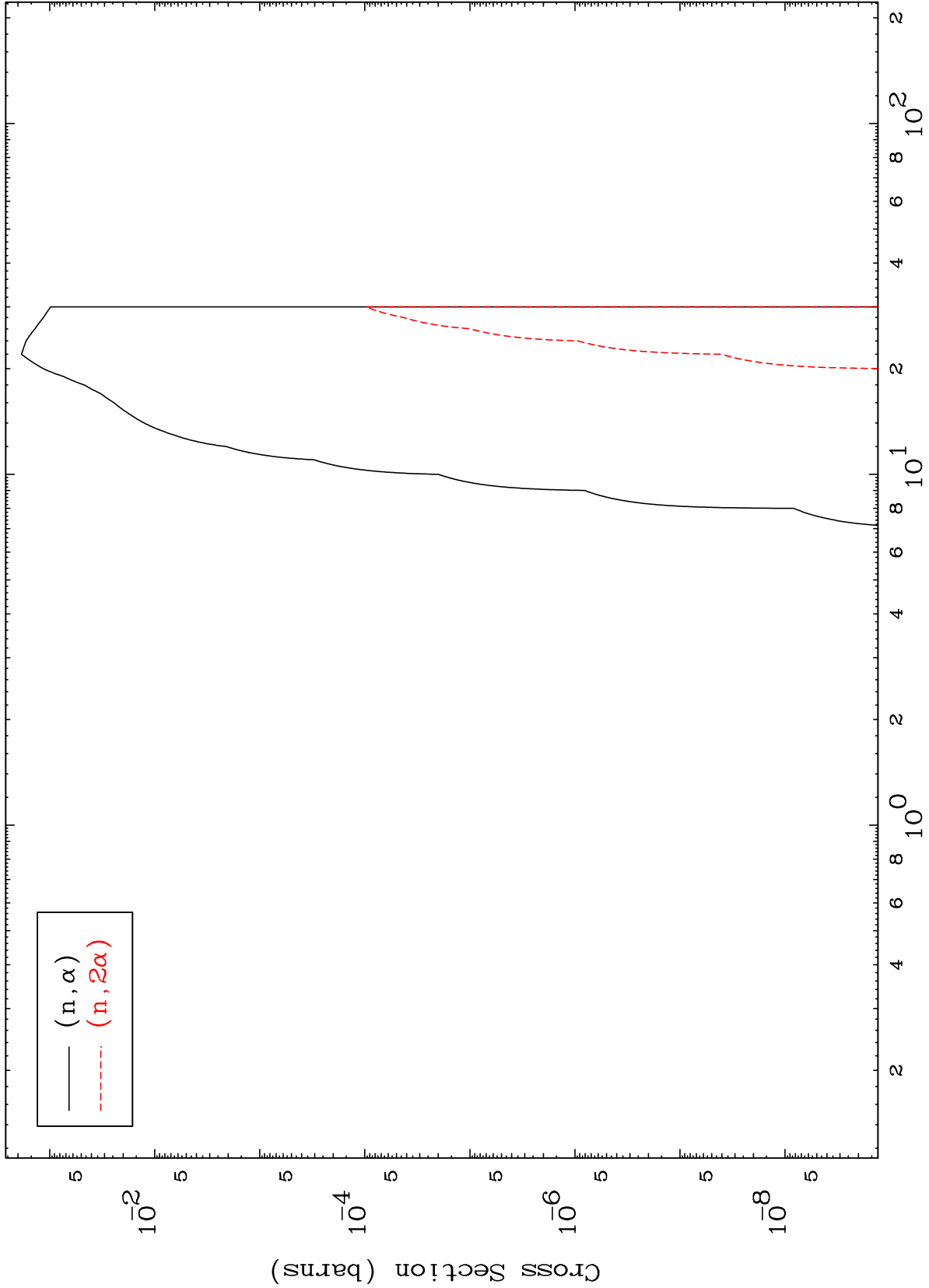


MAT 3913

(α, α) Levels

39-Y -85

0 Kelvin Cross Sections



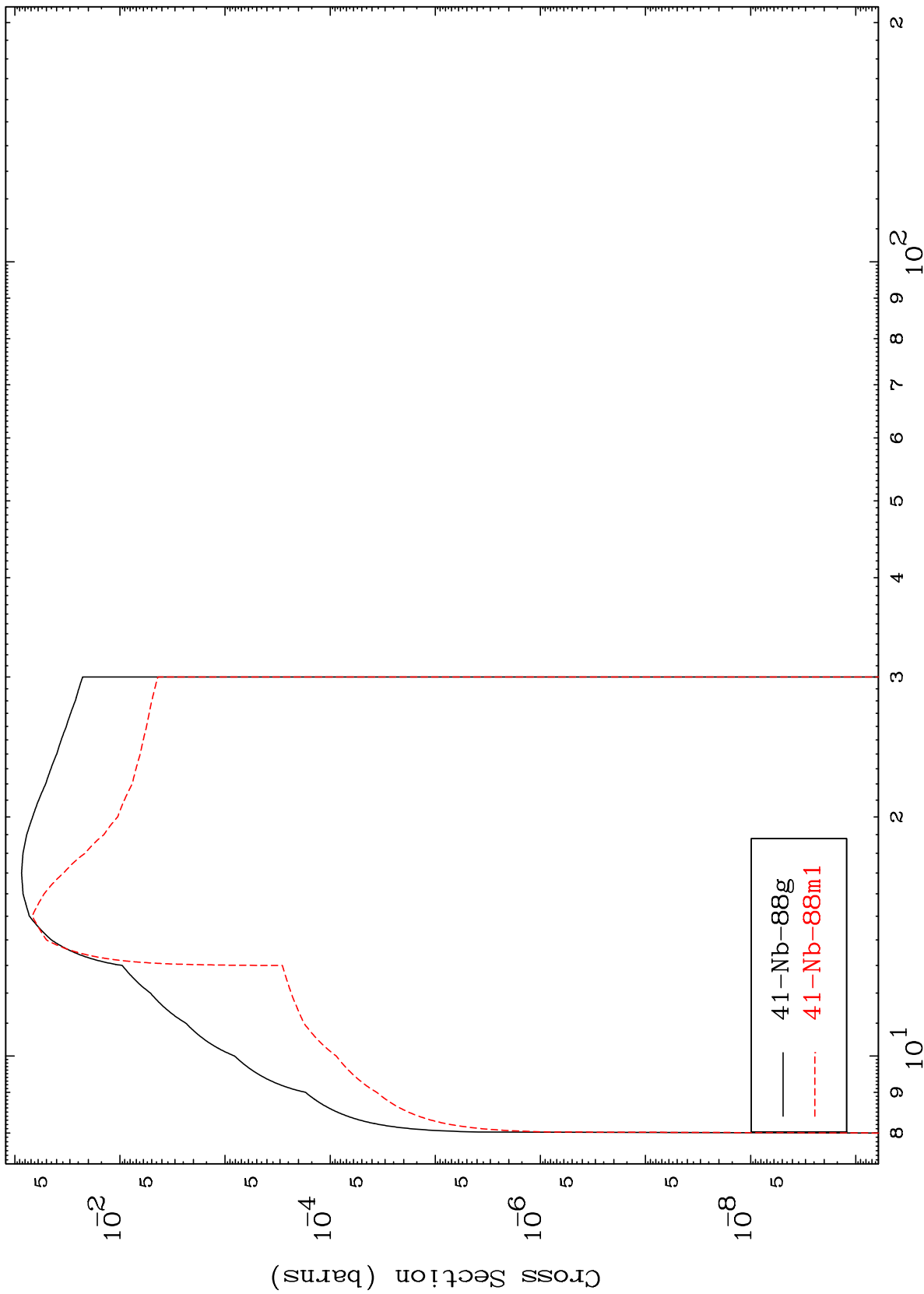
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

39-Y -85

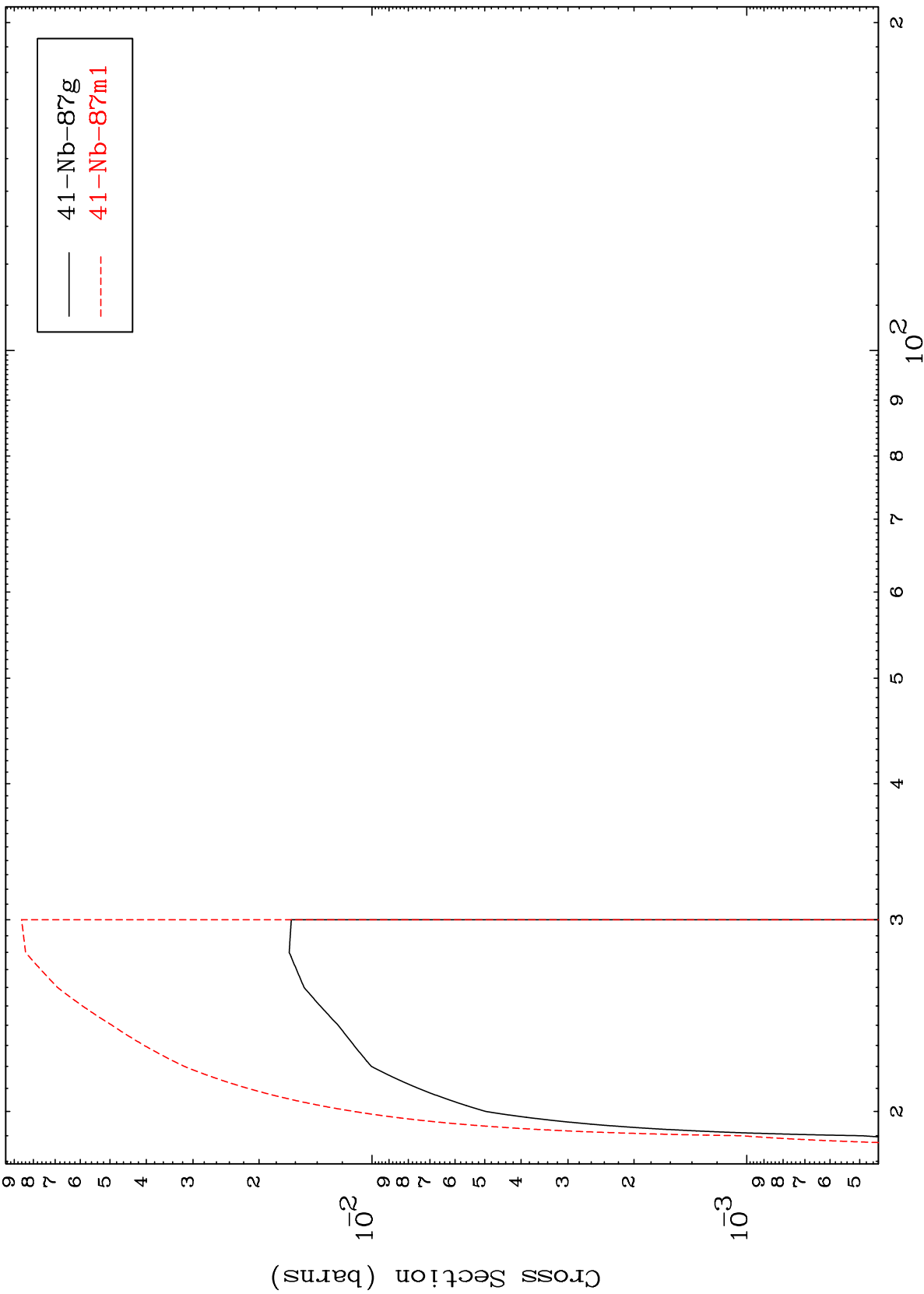
Inelastic
Radionuclide Production Cross Section



MAT 3913

39-Y -85

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

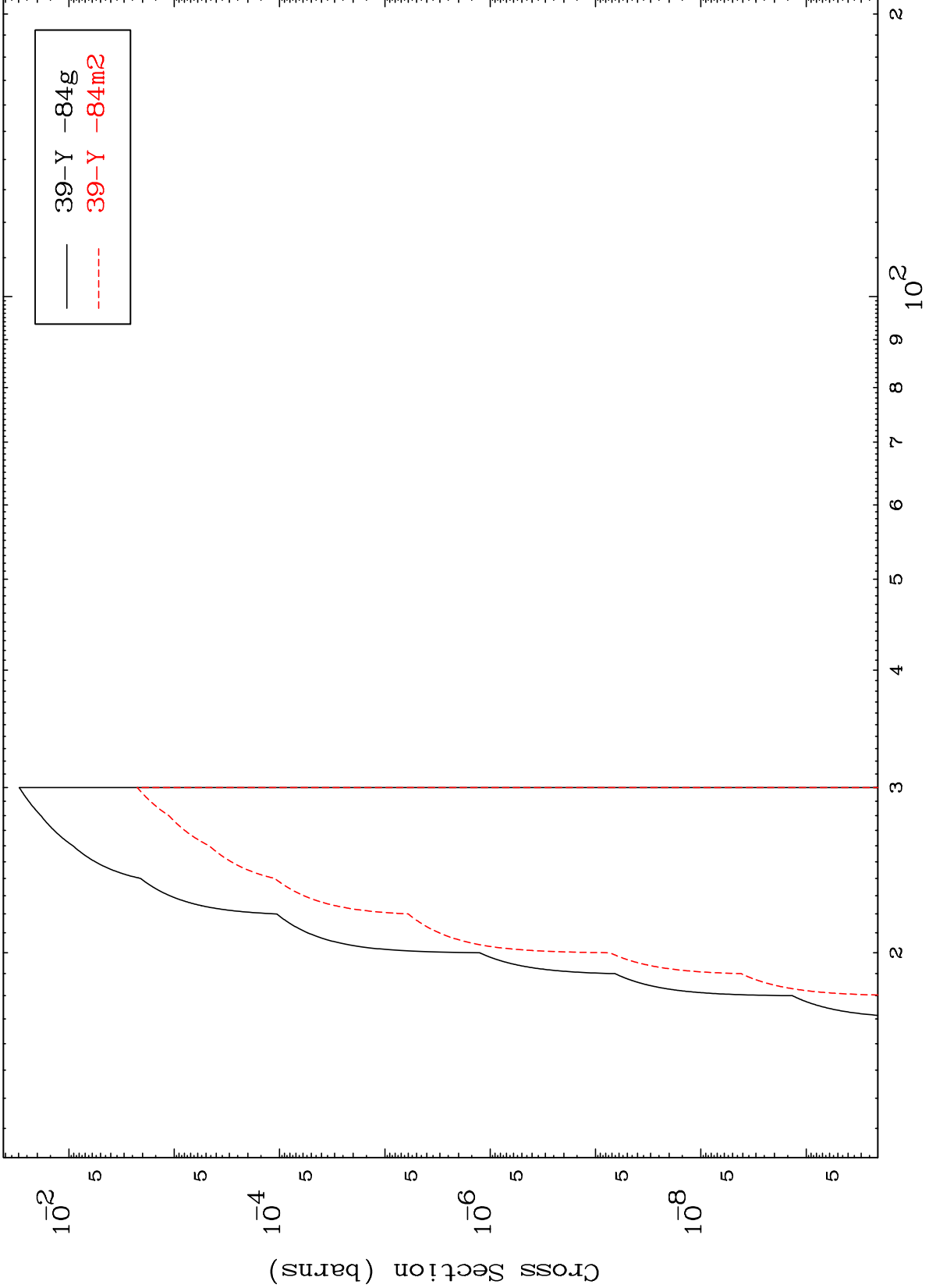
39-Y -85

MAT 3913

$(n, n') \alpha$

39-Y -85

Radionuclide Production Cross Section



39-Y -84g
39-Y -84m2

13

Incident Energy (MeV)

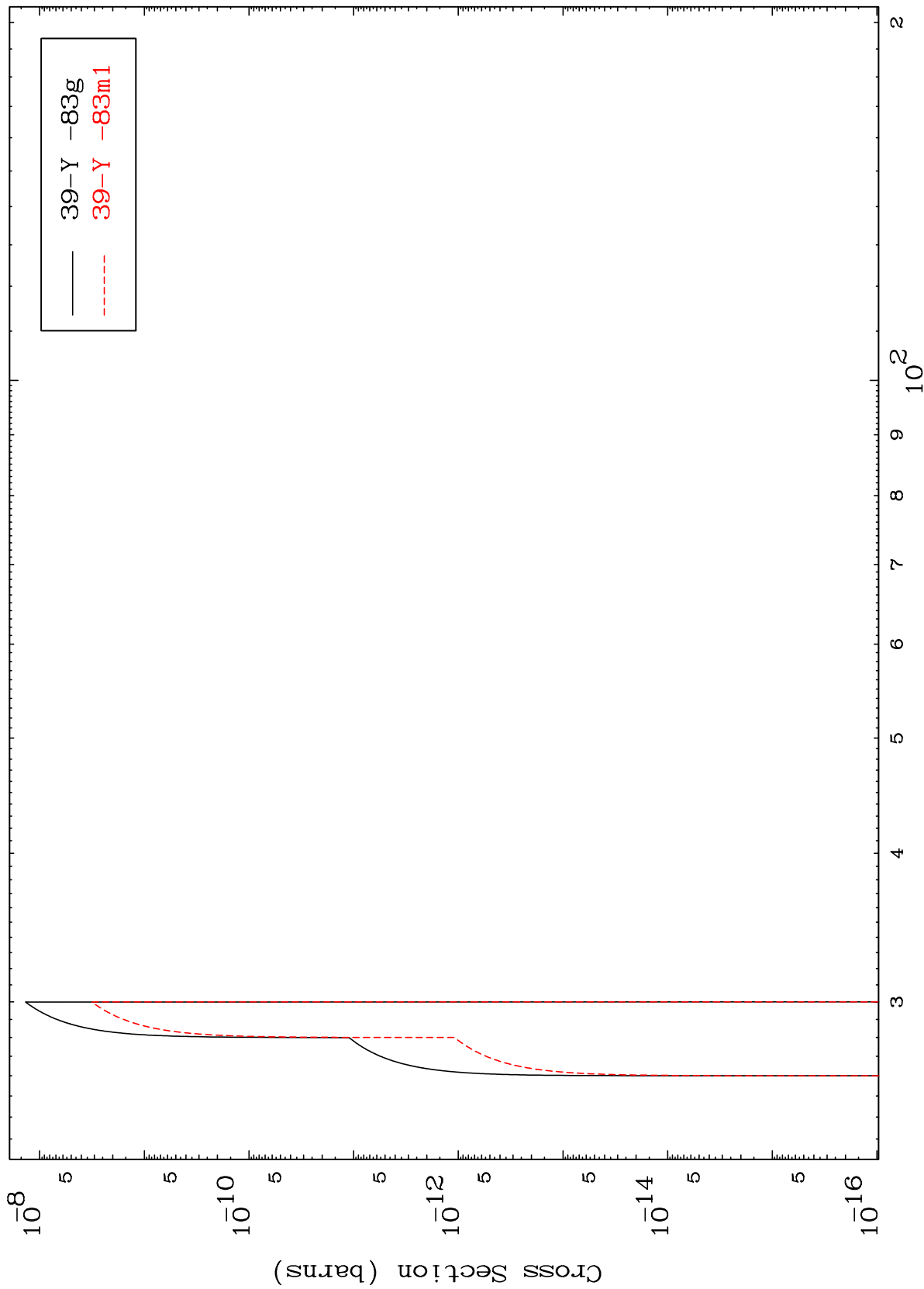
39-Y -85

MAT 3913

$(n,2n) \alpha$

39-Y -85

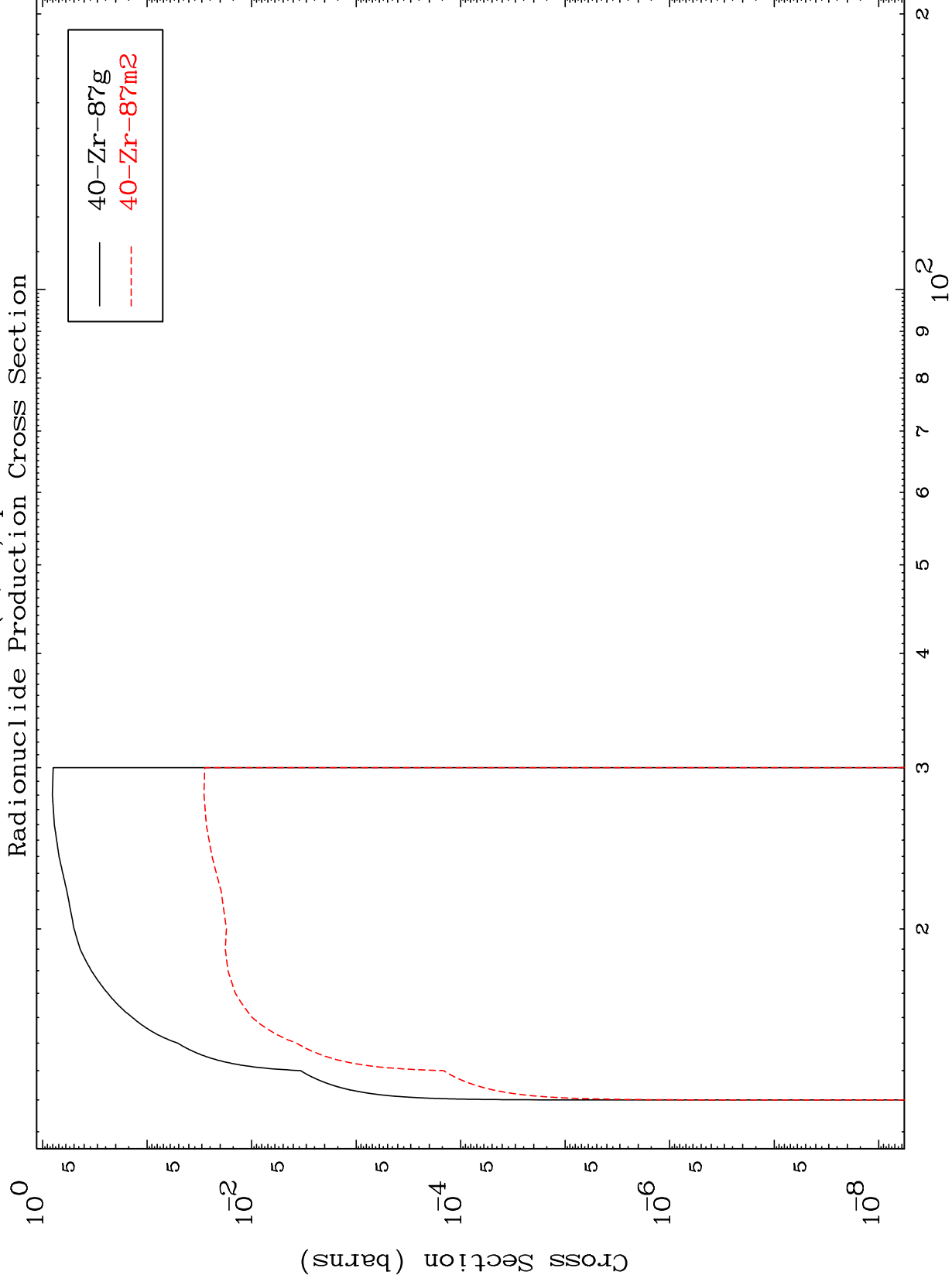
Radionuclide Production Cross Section



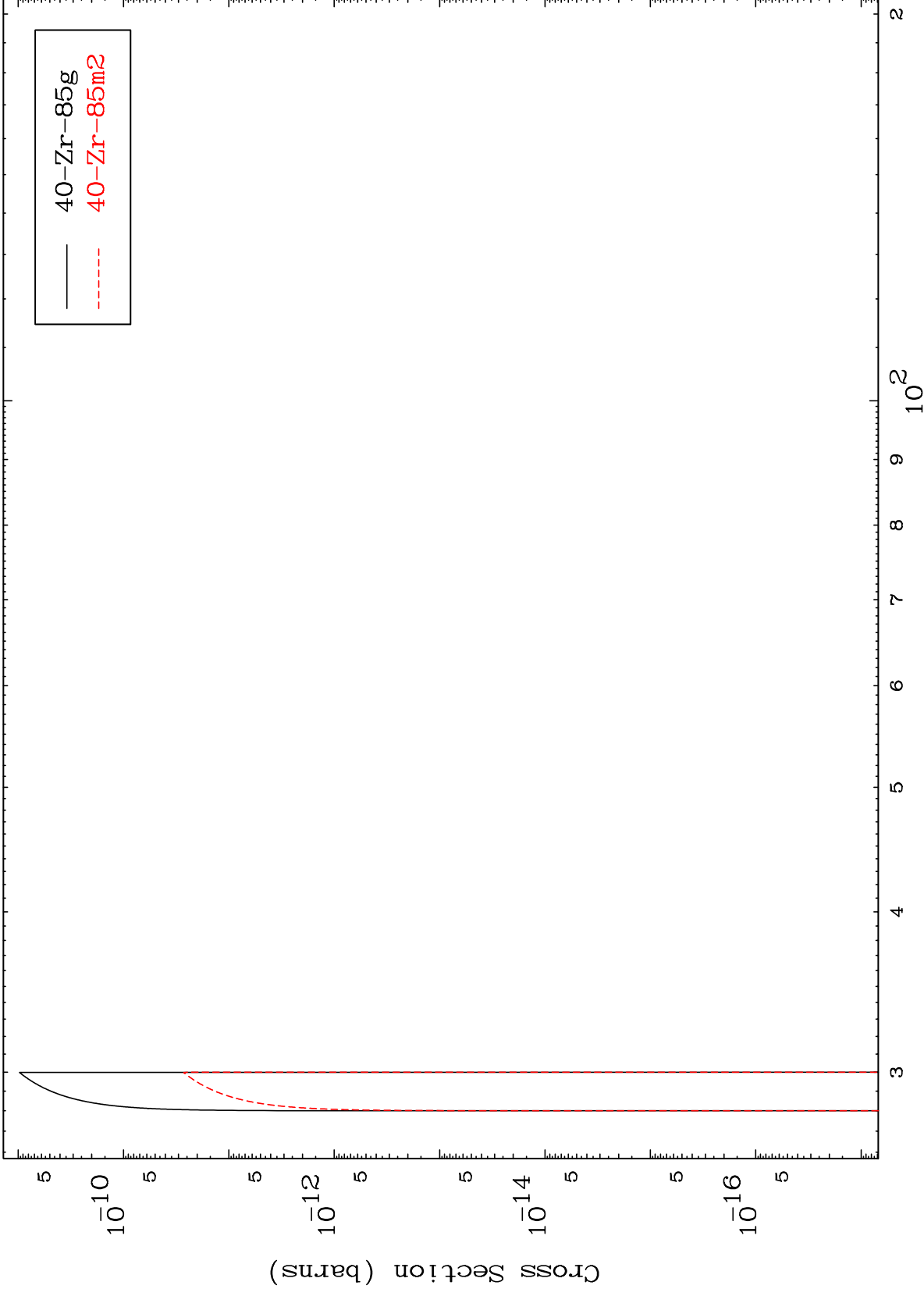
14

Incident Energy (MeV)

39-Y -85



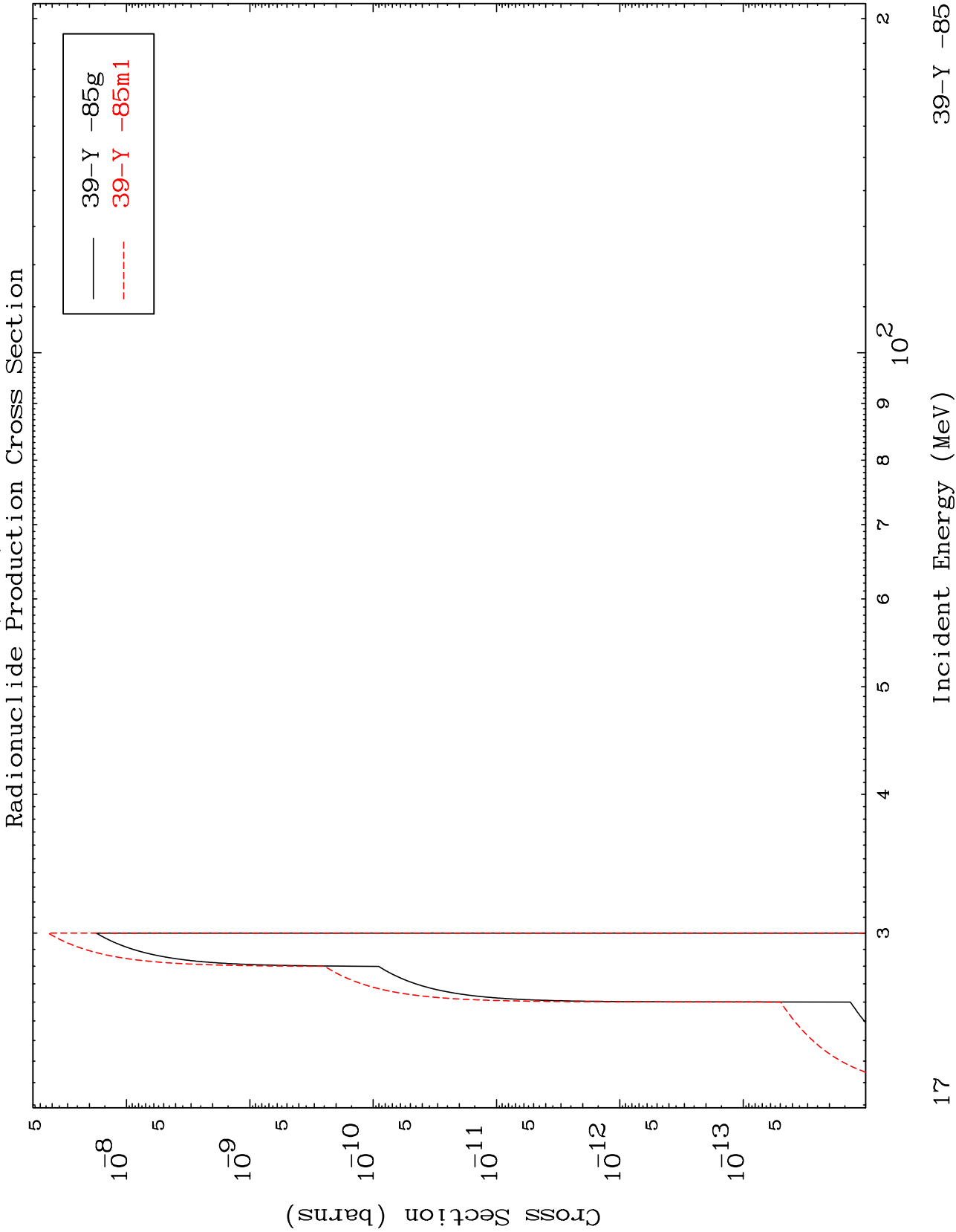
Radionuclide Production Cross Section



MAT 3913

(n,n') He-3

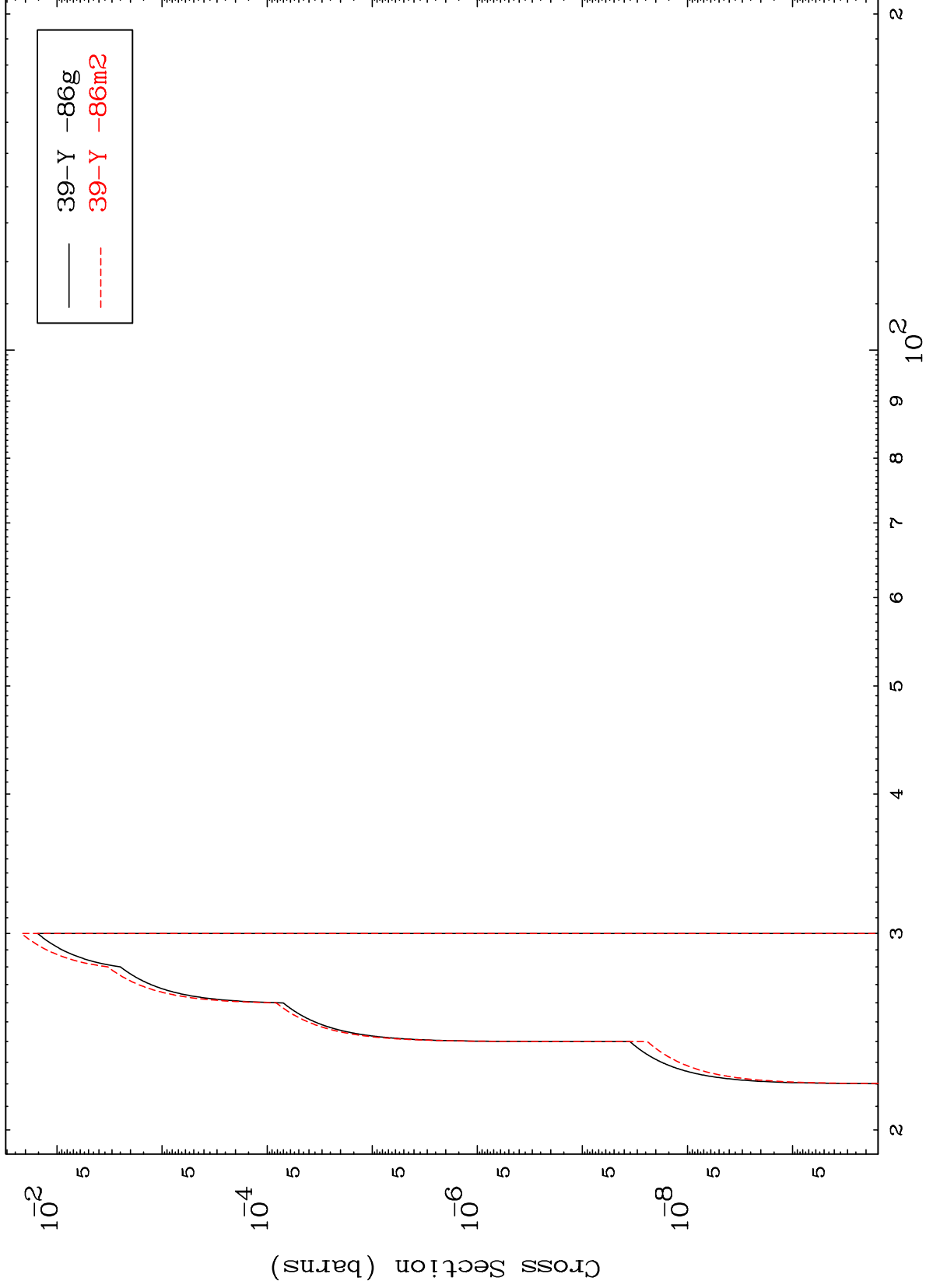
39-Y -85



MAT 3913

39-Y -85

(n,2n) p
Radionuclide Production Cross Section

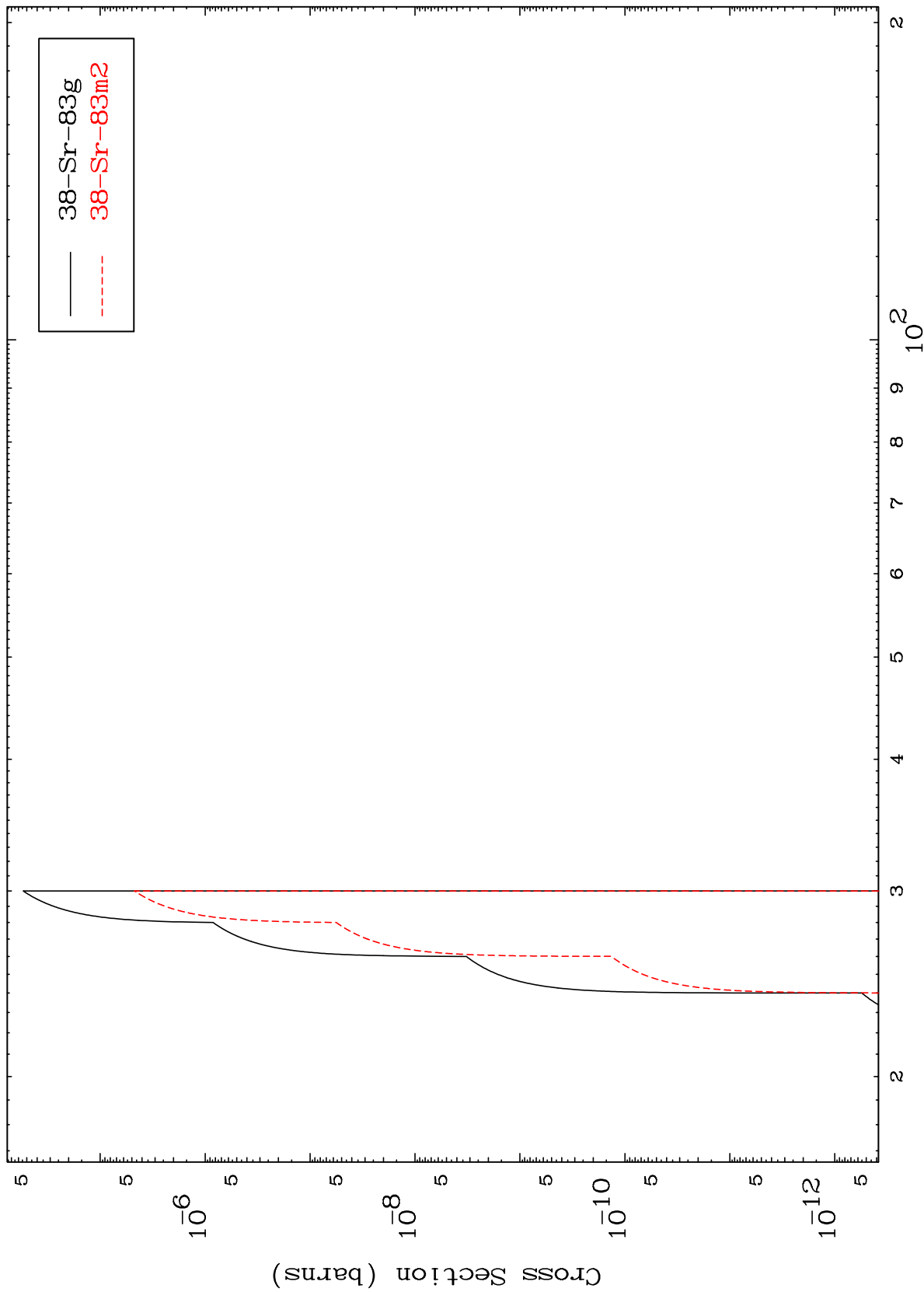


39-Y -85

Incident Energy (MeV)

18

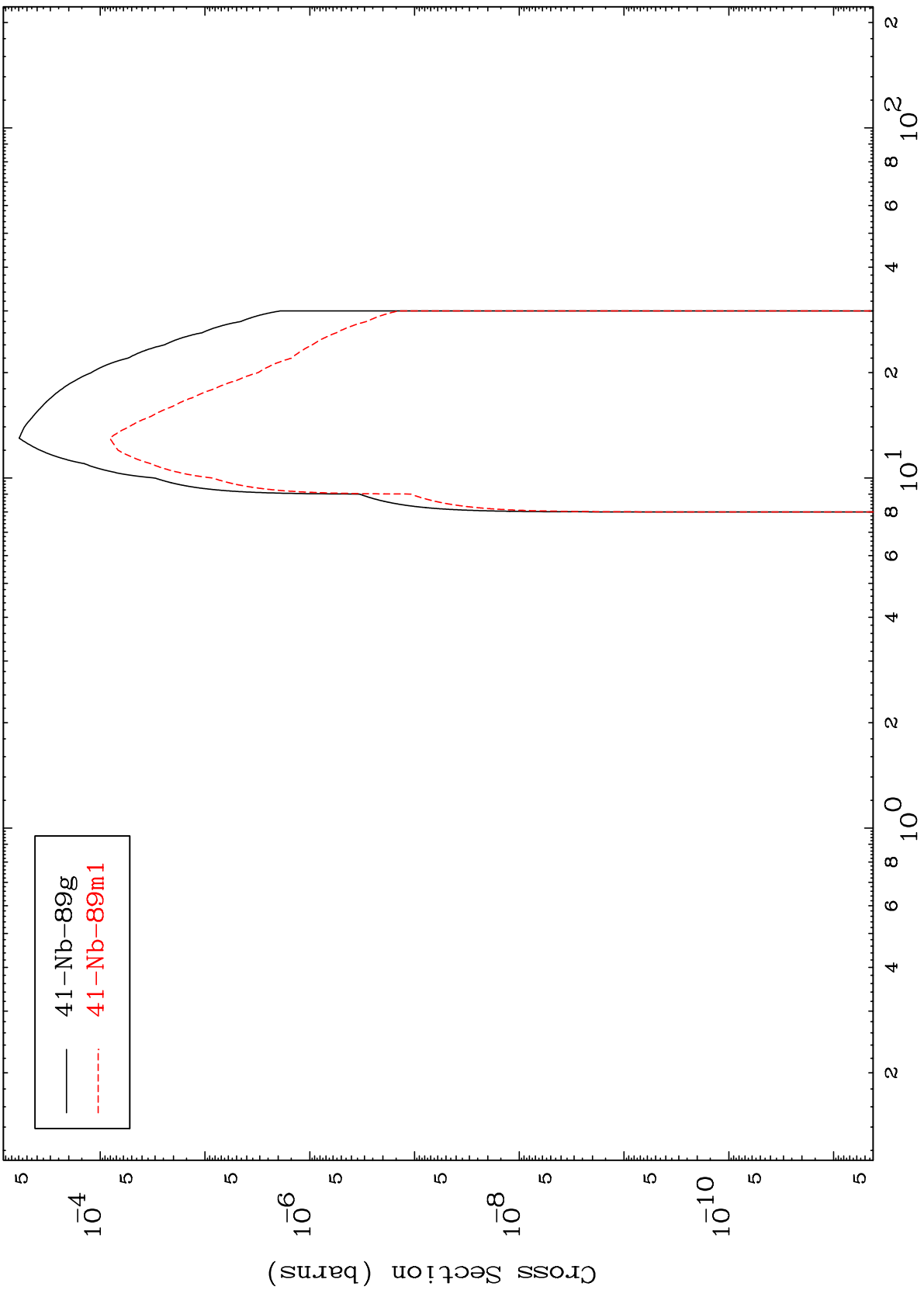
Radionuclide Production Cross Section



MAT 3913

39-Y -85

Radionuclide Production Cross Section
(n, γ)



39-Y -85

Incident Energy (MeV)

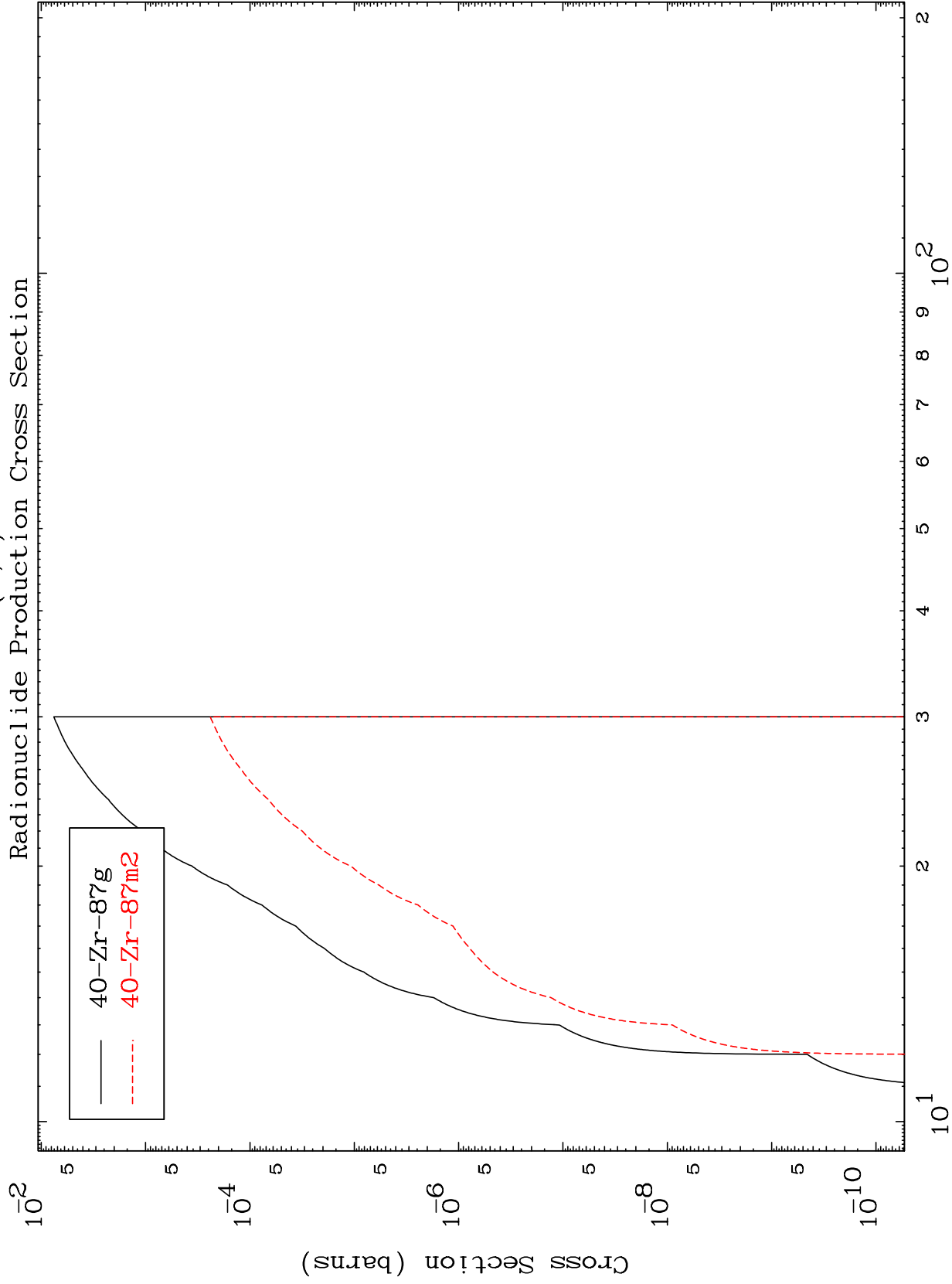
20

MAT 3913

(n,d)

39-Y -85

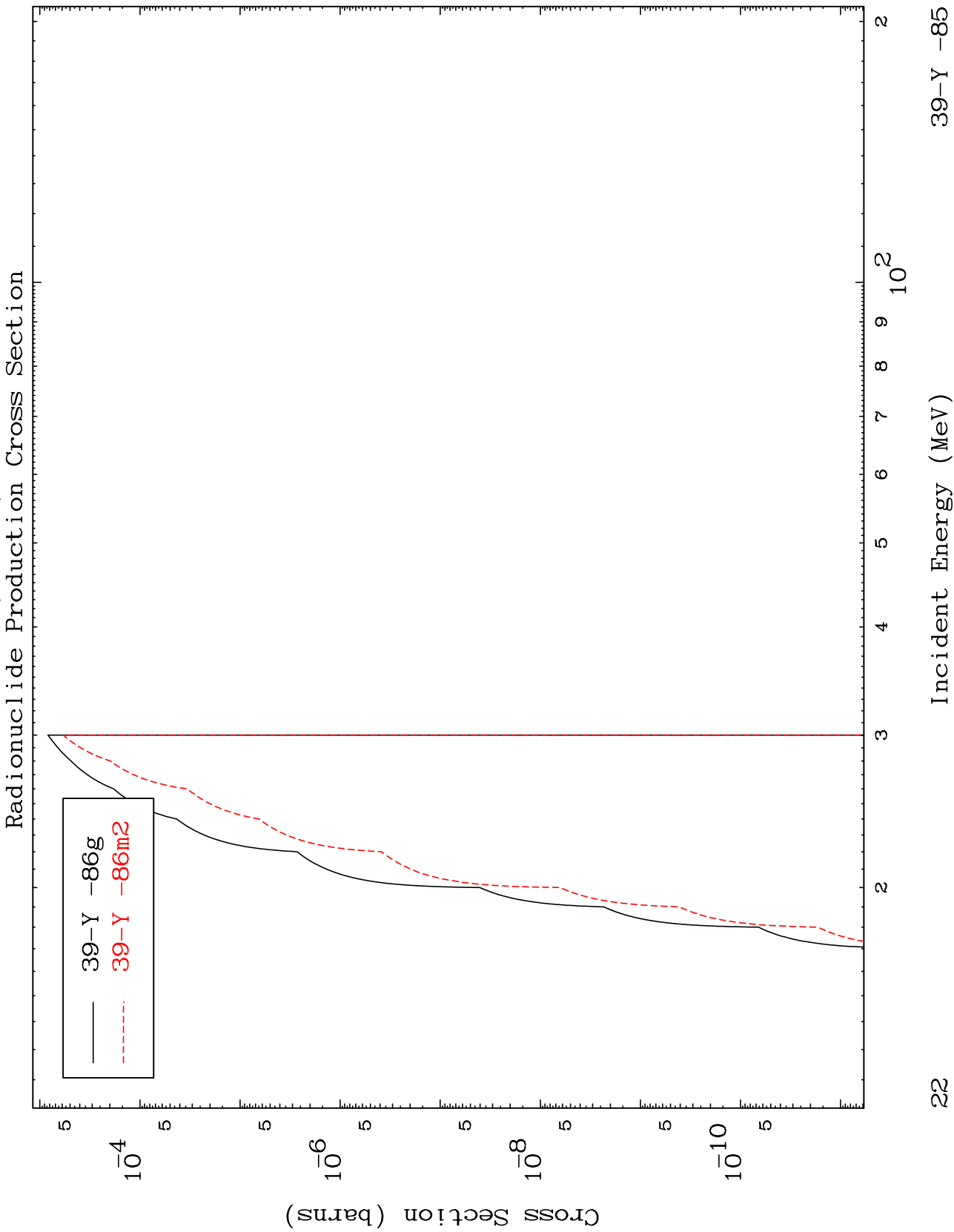
Radionuclide Production Cross Section



40-Zr-87g
40-Zr-87m2

MAT 3913

39-Y -85



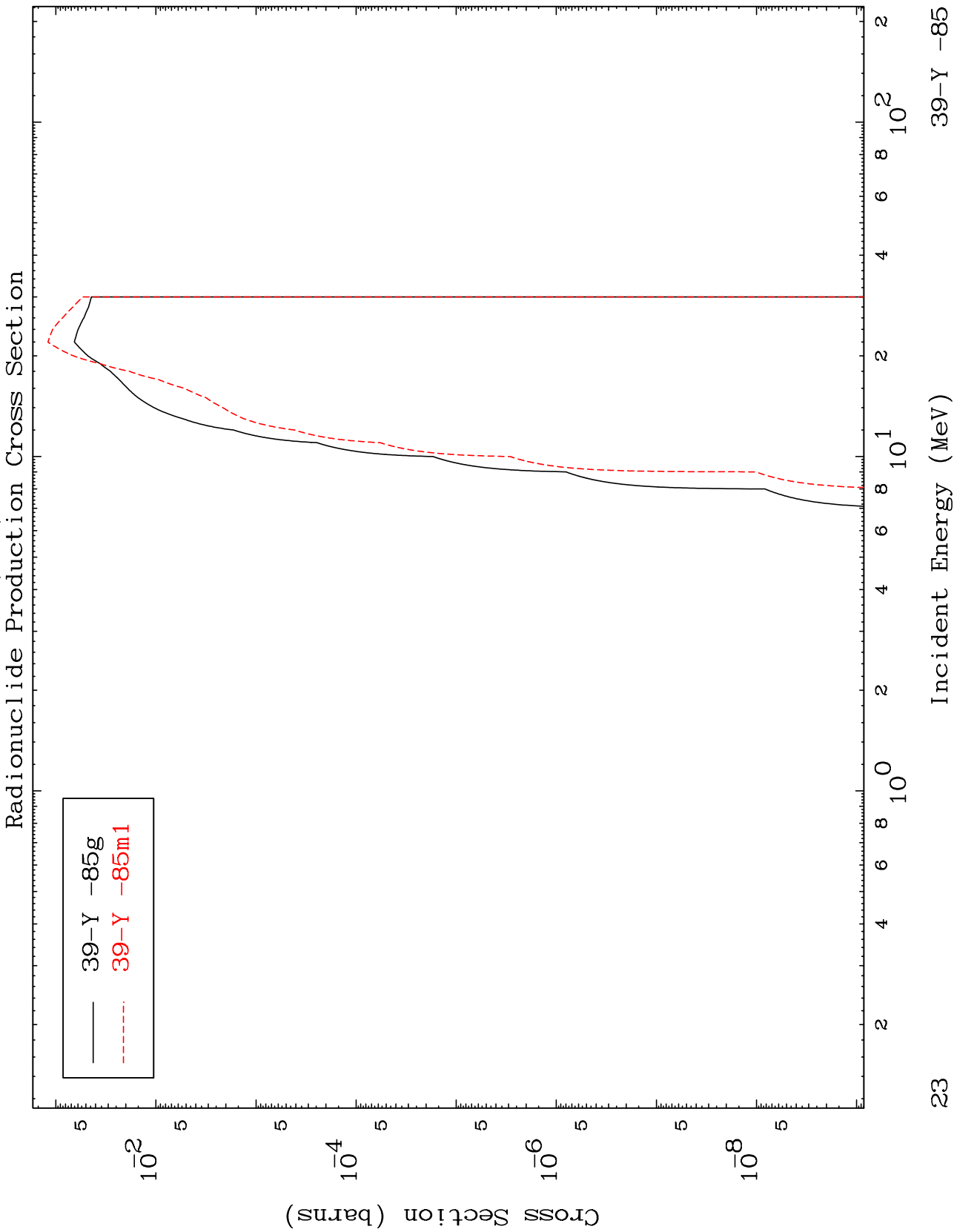
Incident Energy (MeV)

39-Y -85

22

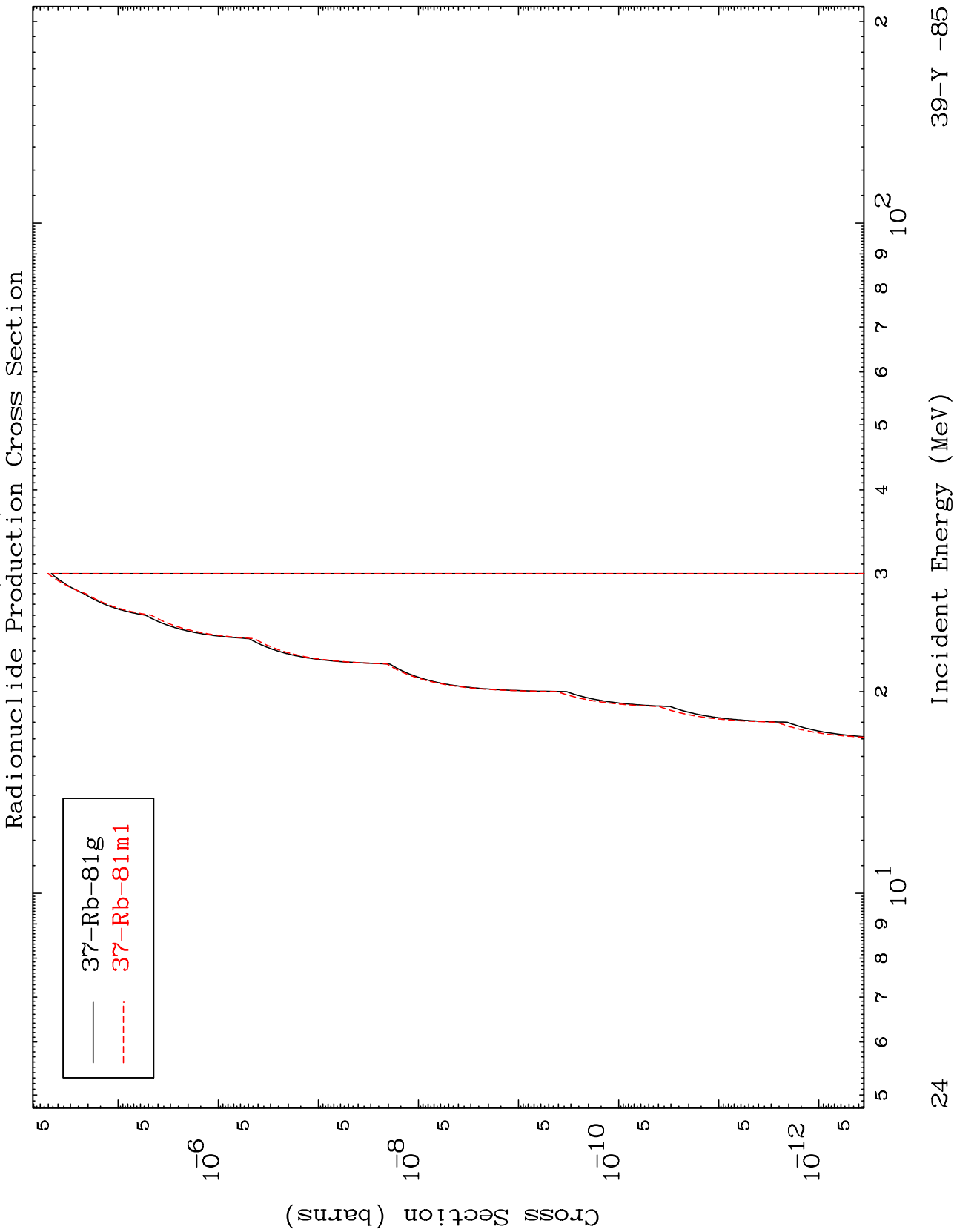
MAT 3913

39-Y -85



MAT 3913

39-Y -85

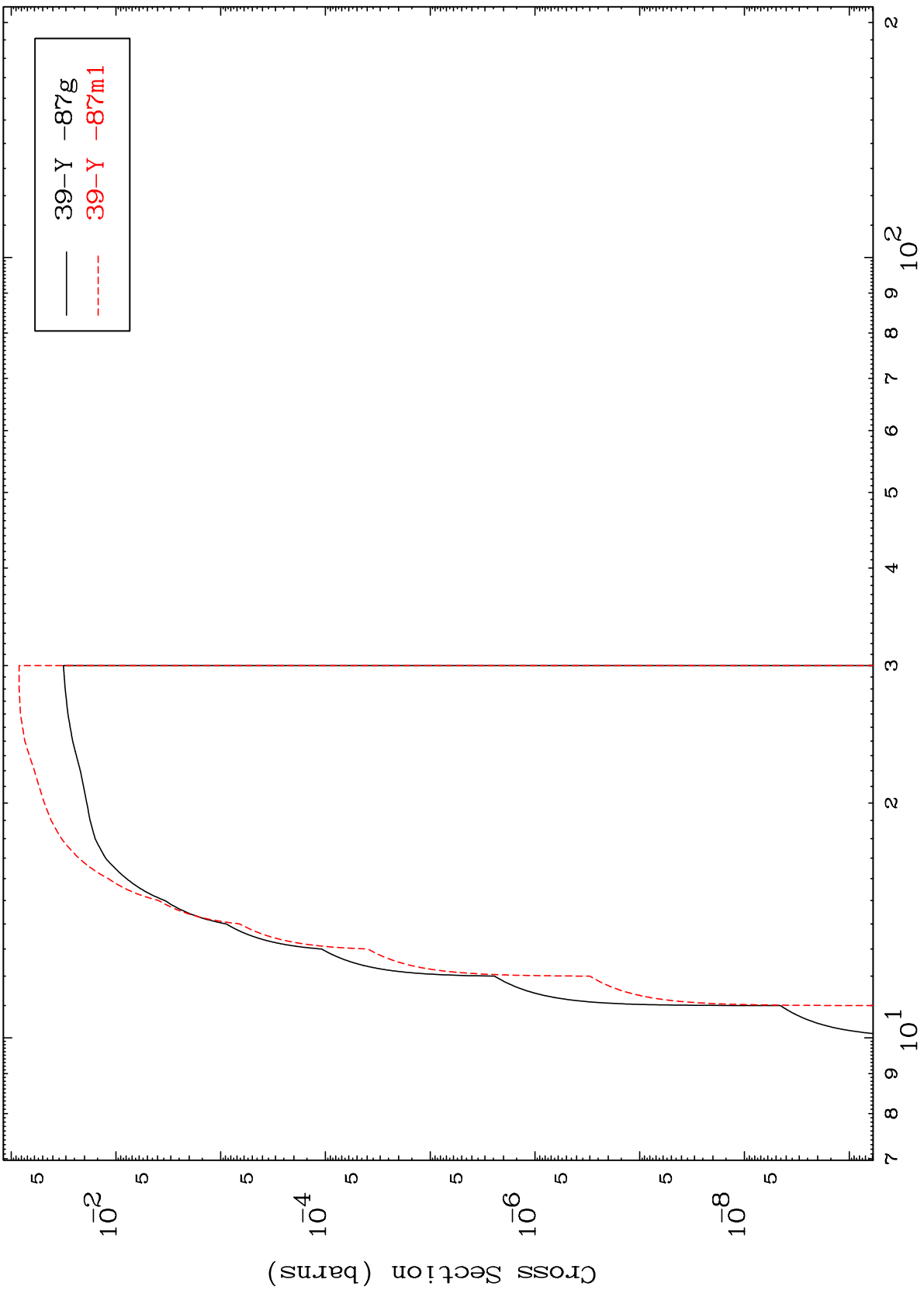


24

MAT 3913

39-Y -85

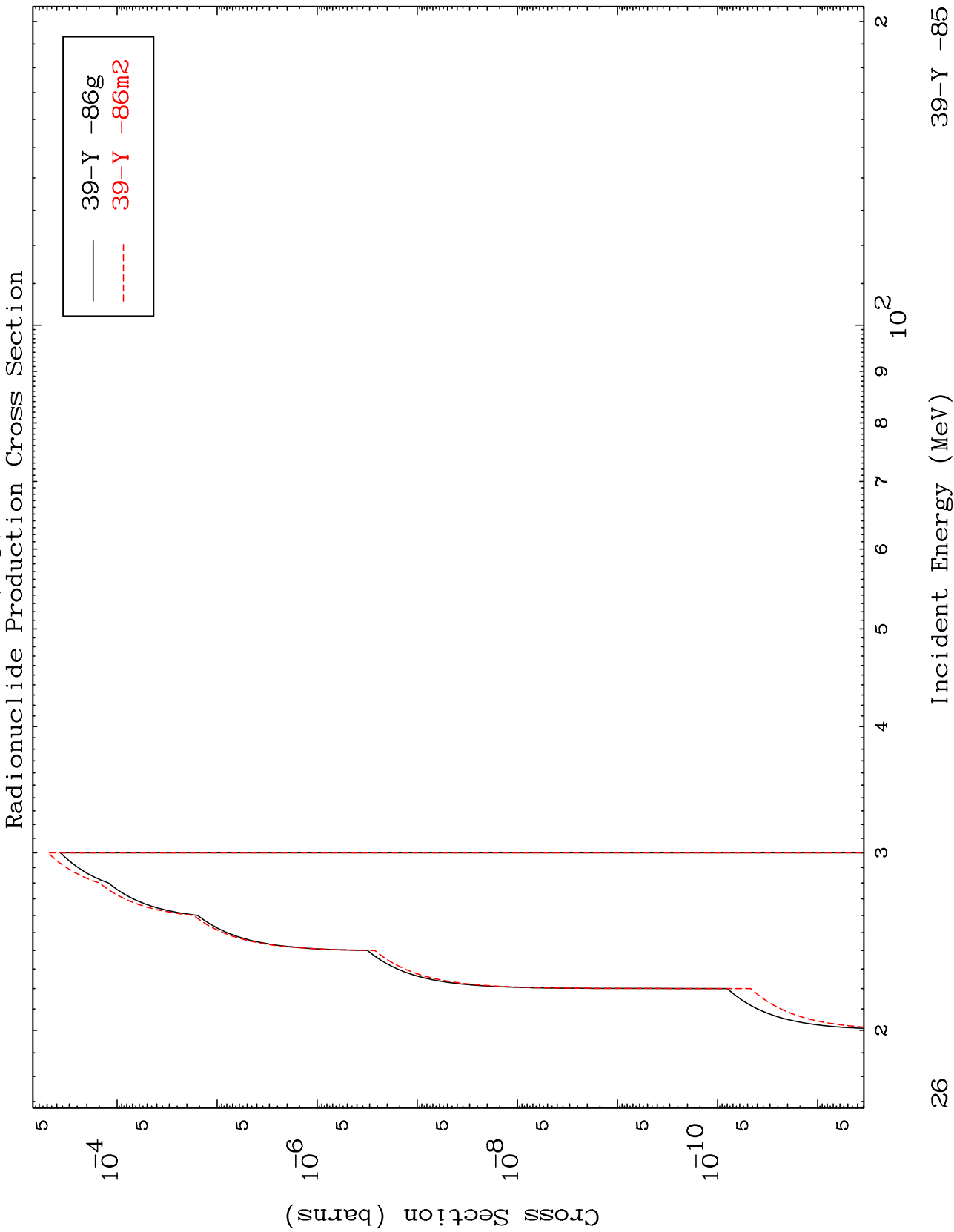
(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

39-Y -85

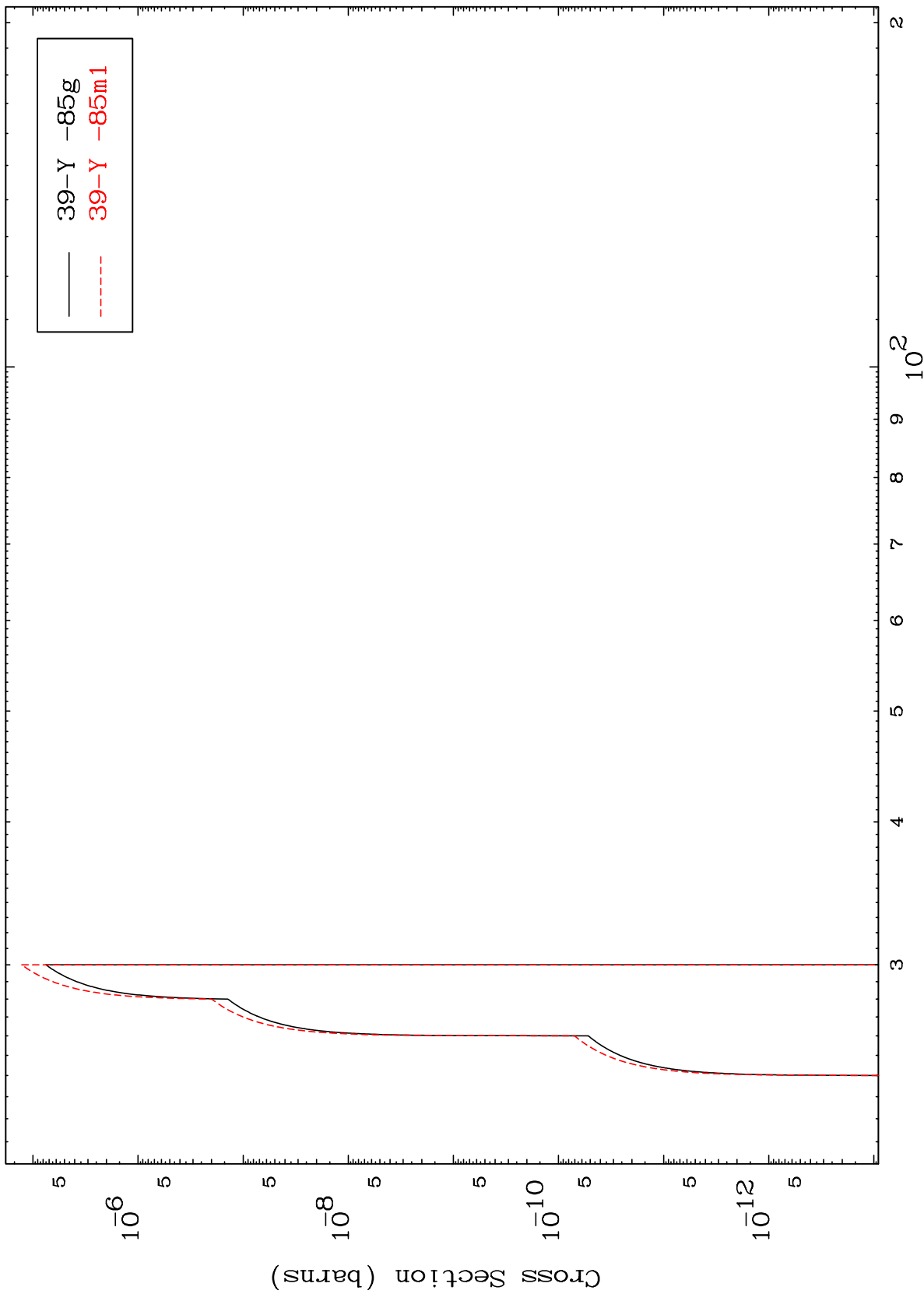


MAT 3913

(n,p) t

39-Y -85

Radionuclide Production Cross Section



27

Incident Energy (MeV)

39-Y -85

