

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

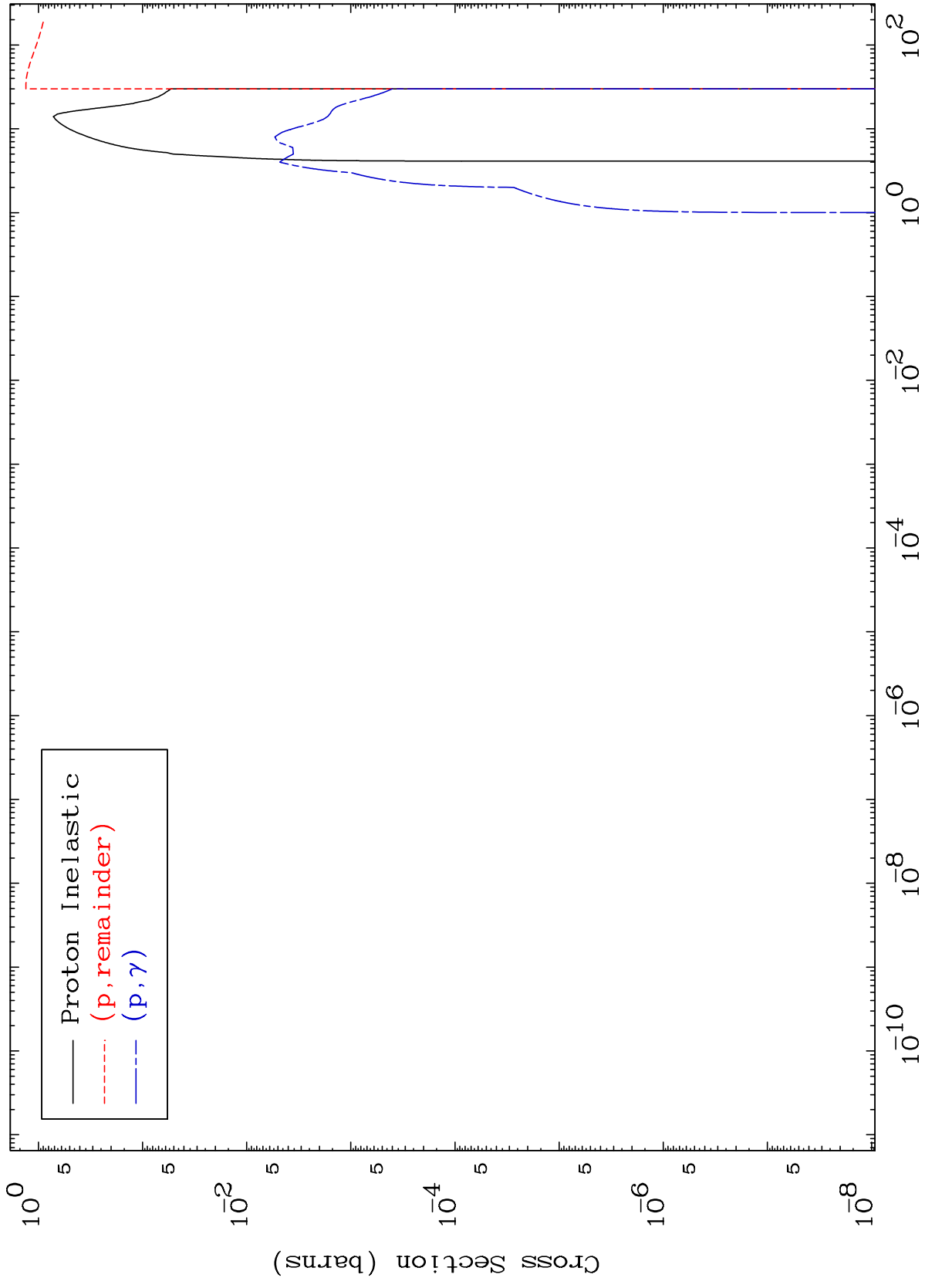
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3920

Proton Major
0 Kelvin Cross Sections

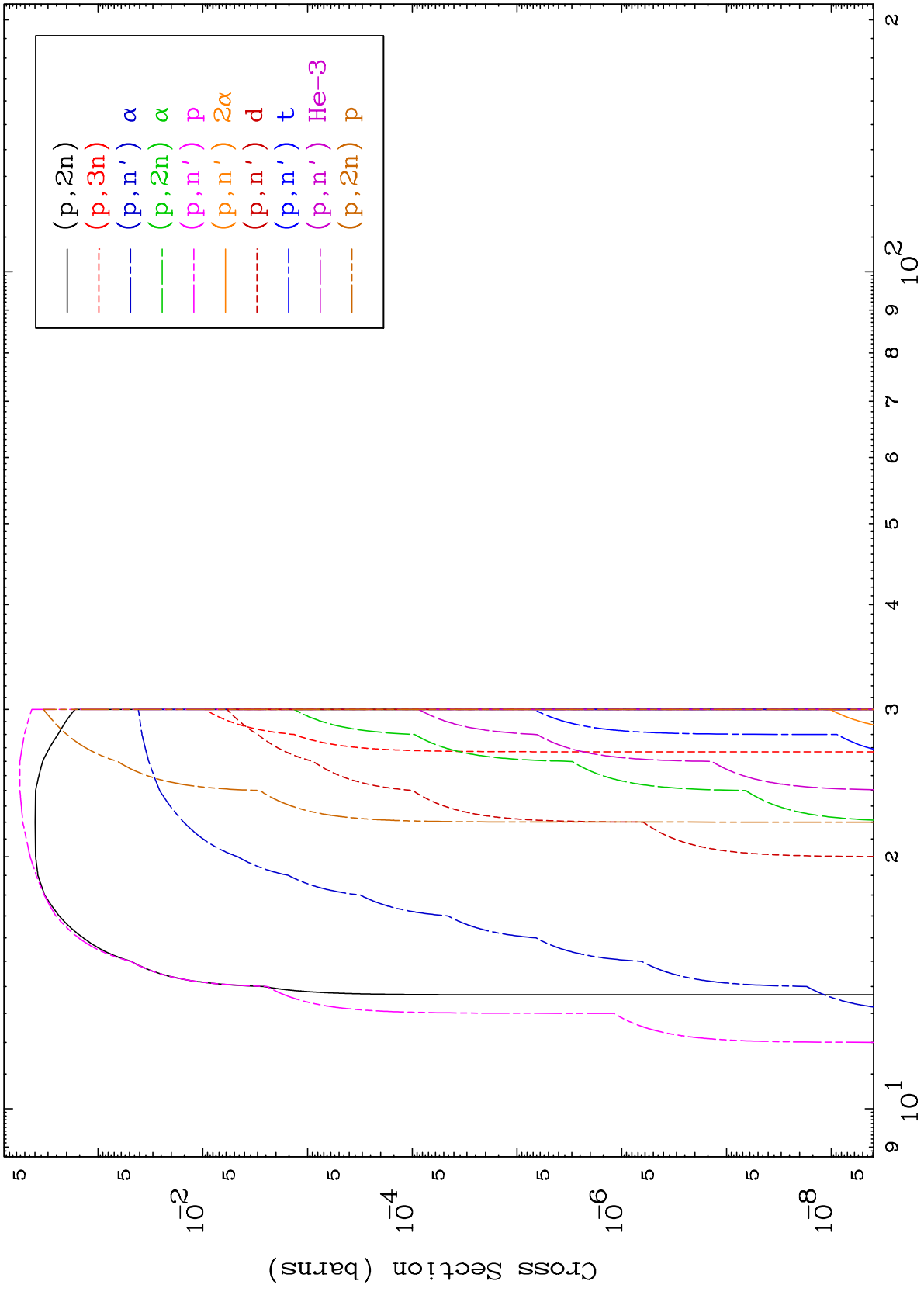
39-Y -87



1

Incident Energy (MeV)

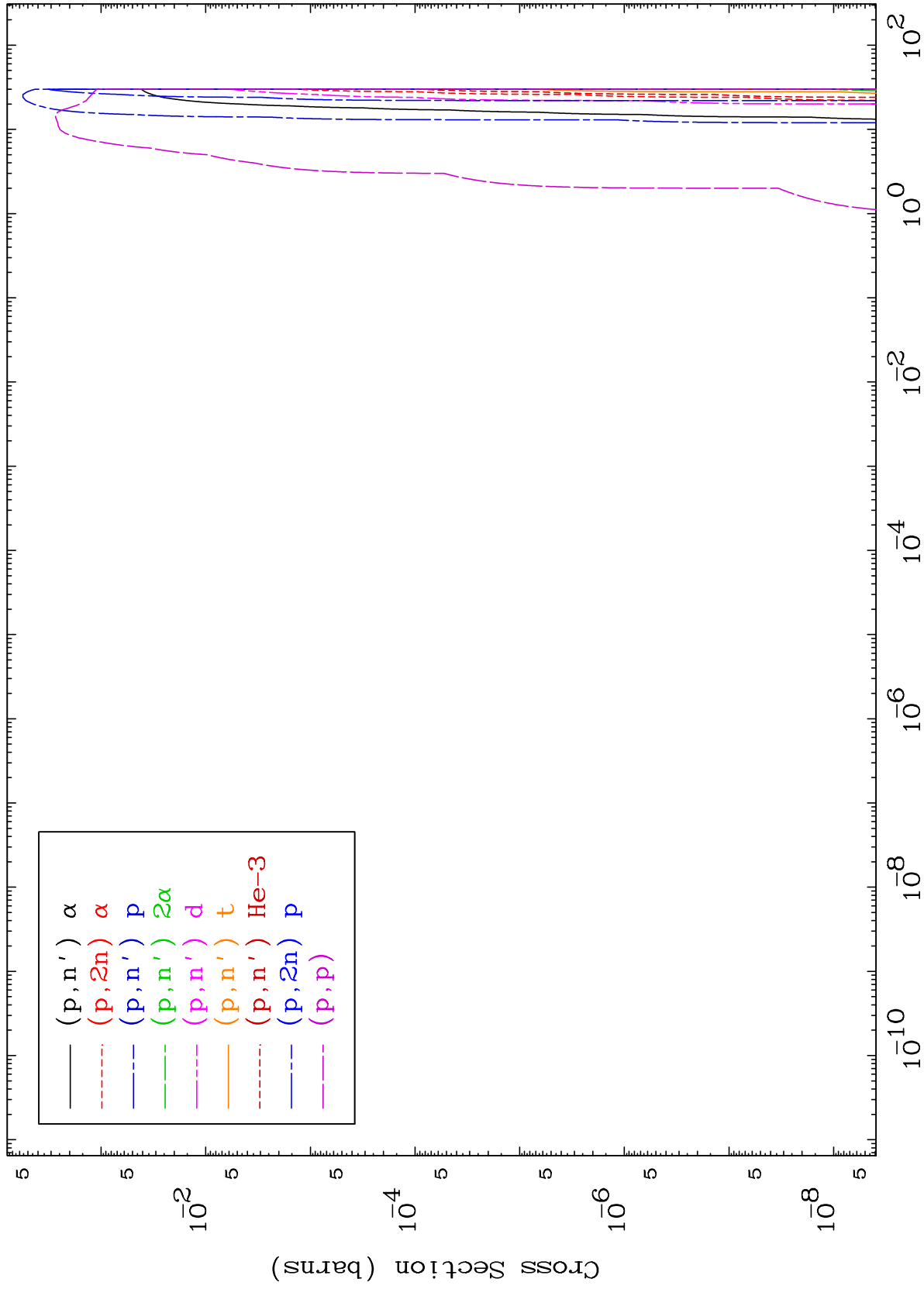
39-Y -87



MAT 3920

Proton Charged Particle
0 Kelvin Cross Sections

39-Y -87



3

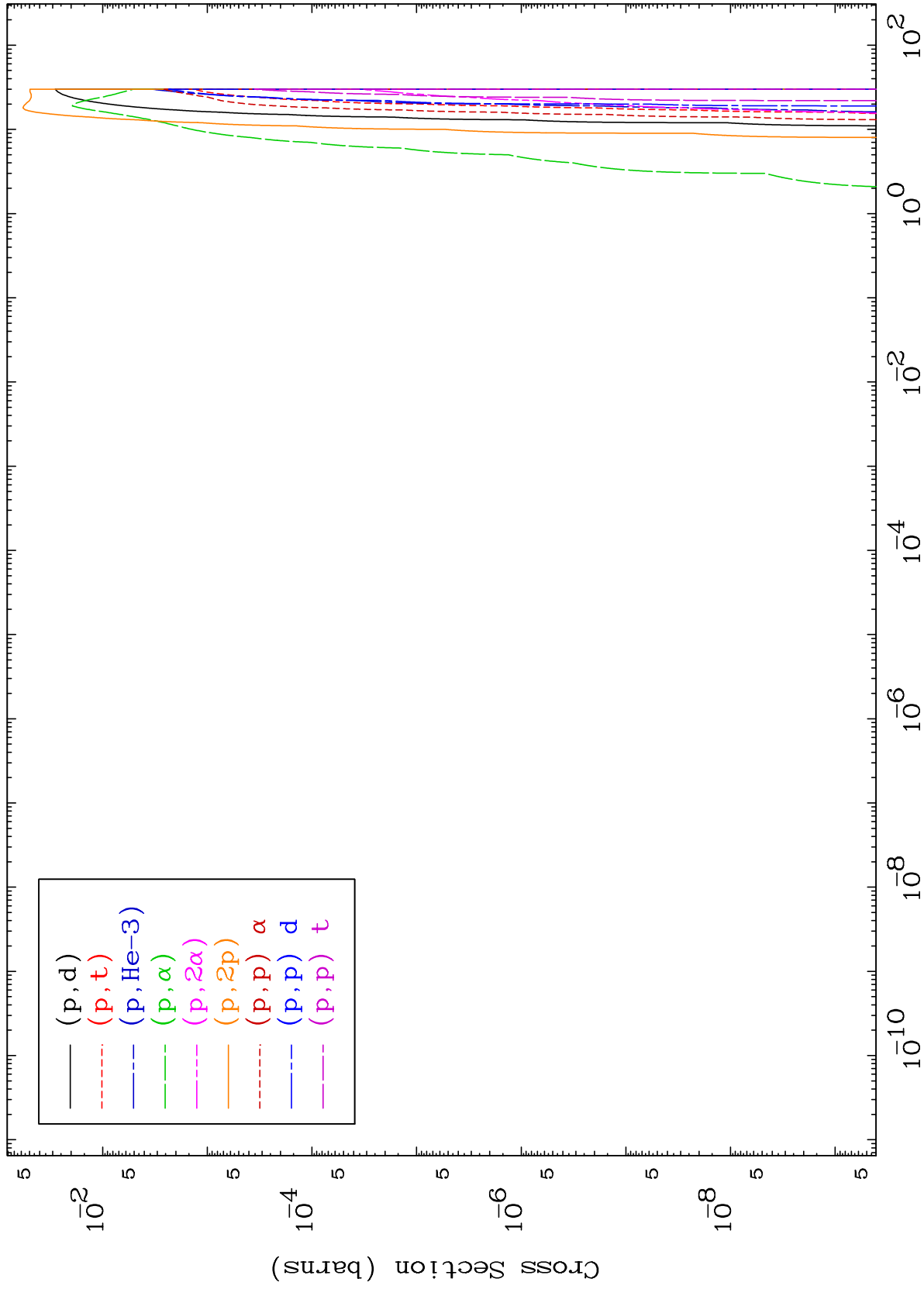
Incident Energy (MeV)

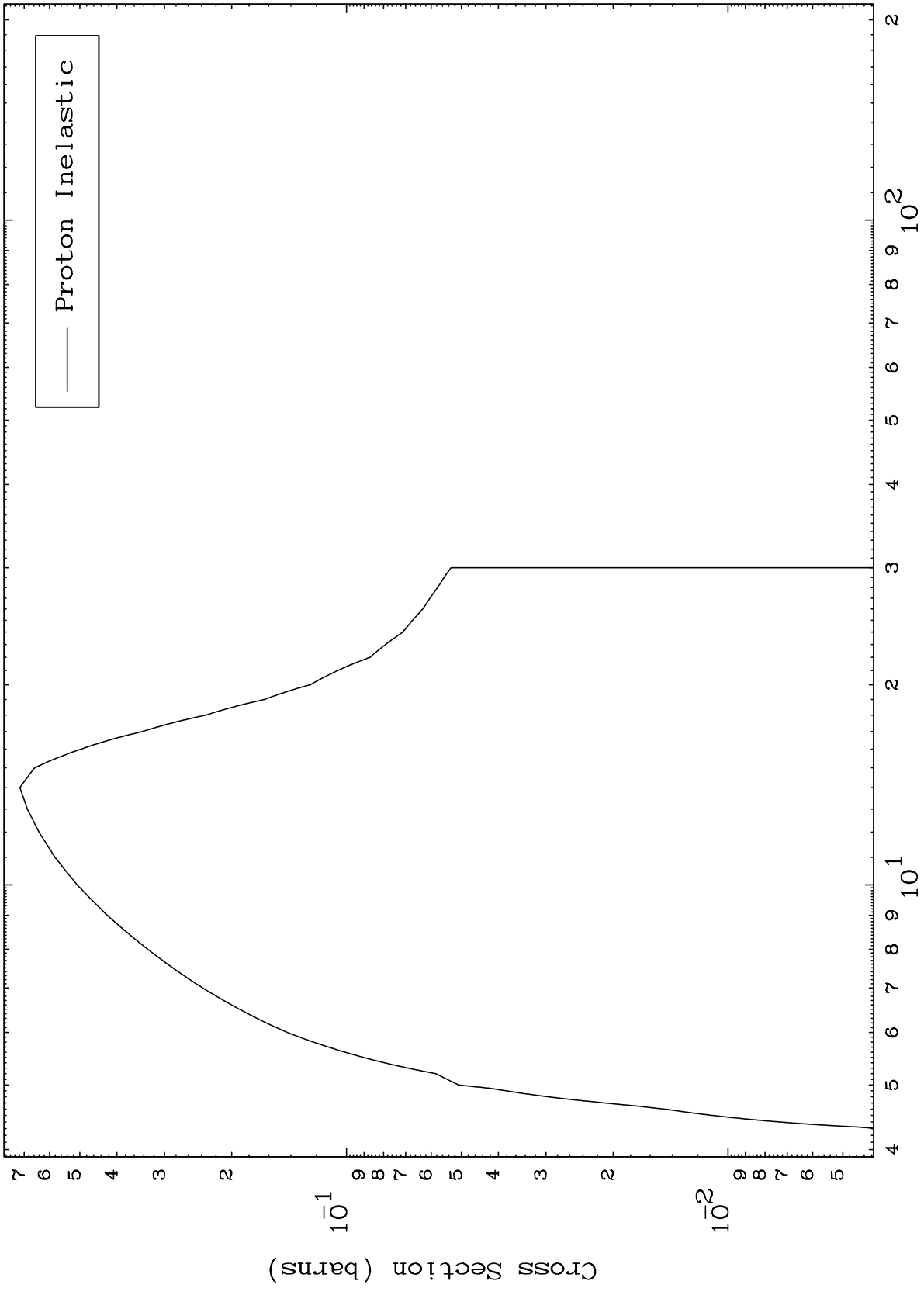
39-Y -87

MAT 3920

Proton Charged Particle
0 Kelvin Cross Sections

39-Y -87

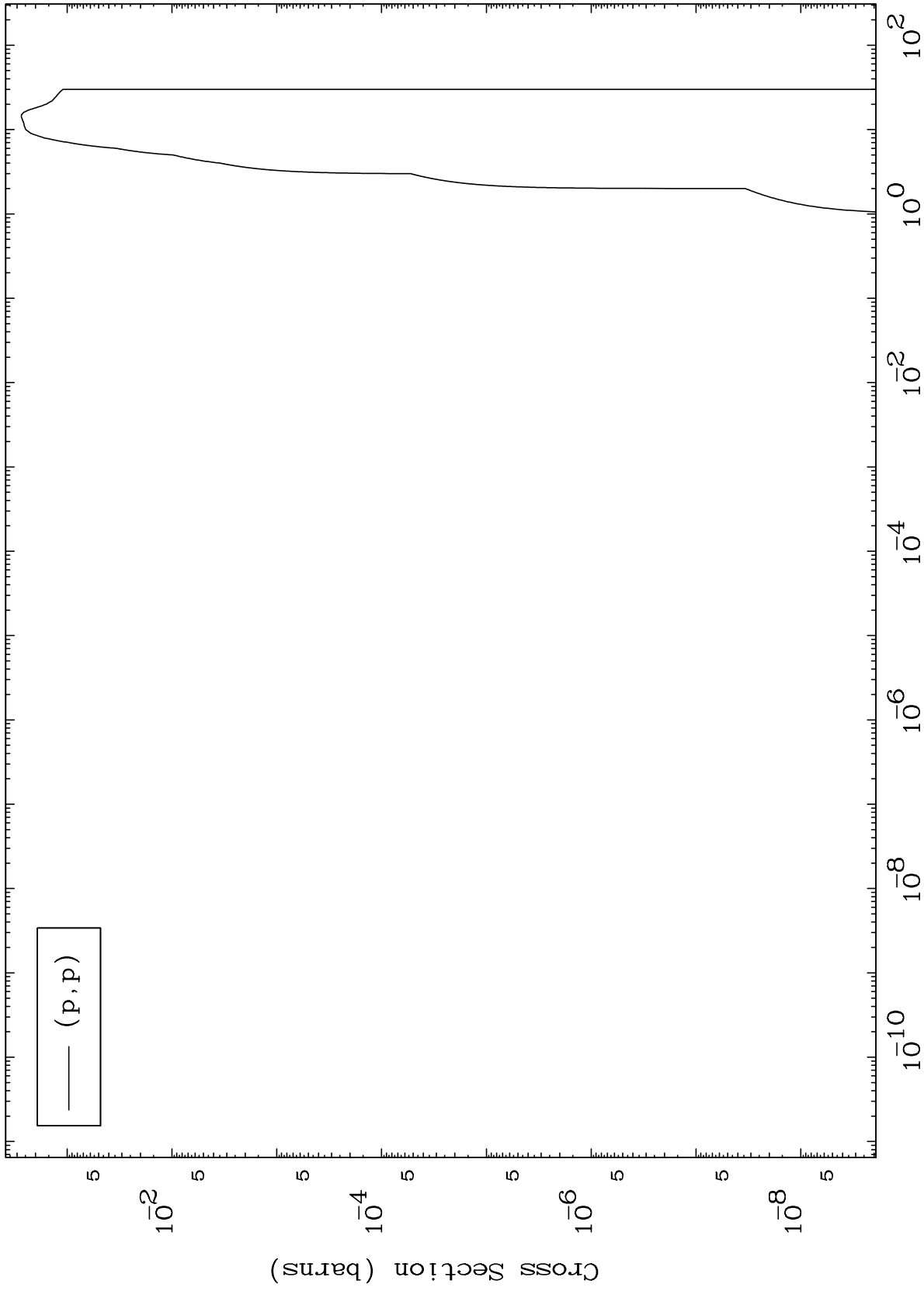




MAT 3920

(p,p) Levels
0 Kelvin Cross Sections

39-Y -87



6

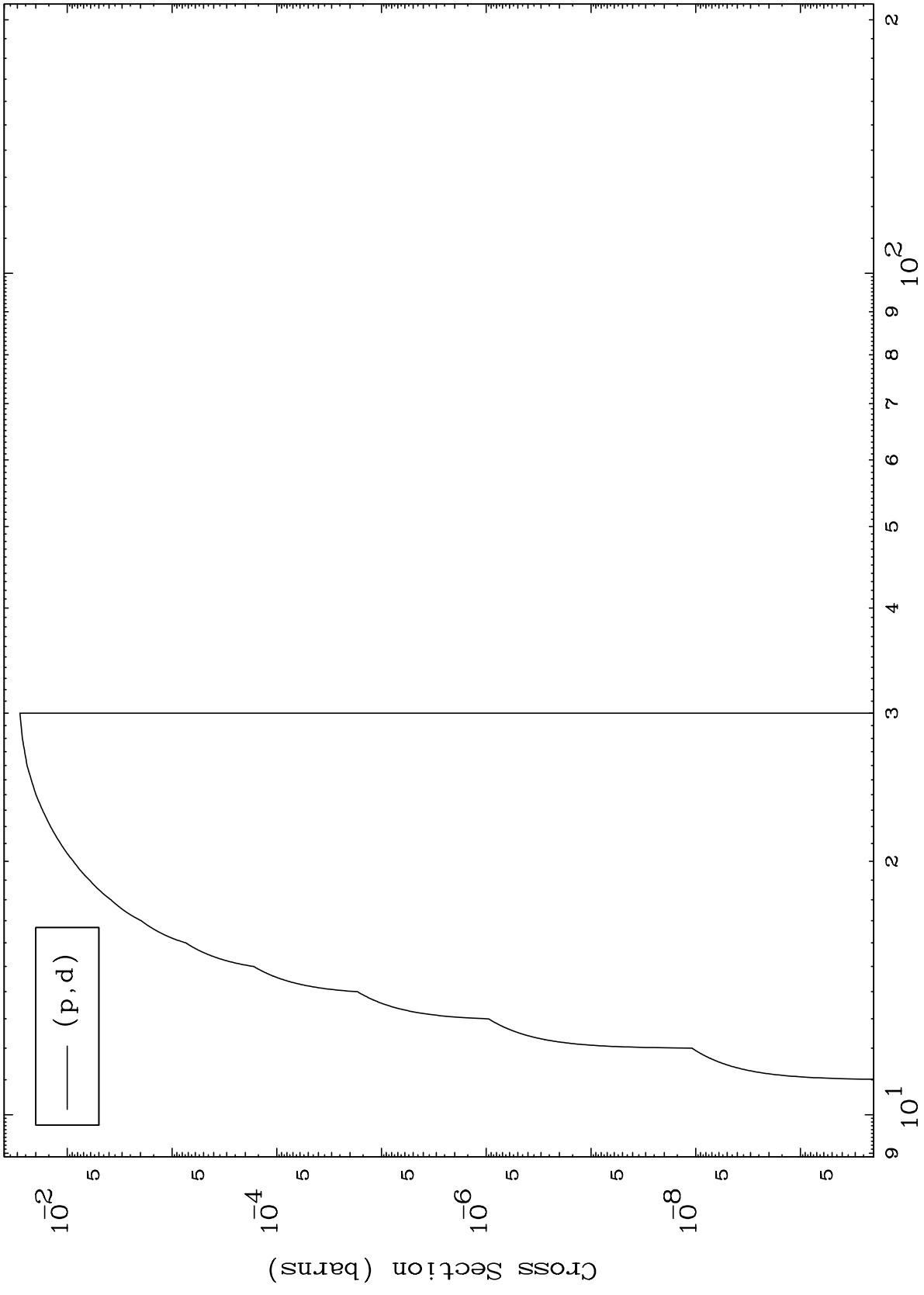
Incident Energy (MeV)

39-Y -87

MAT 3920

(p,d) Levels
0 Kelvin Cross Sections

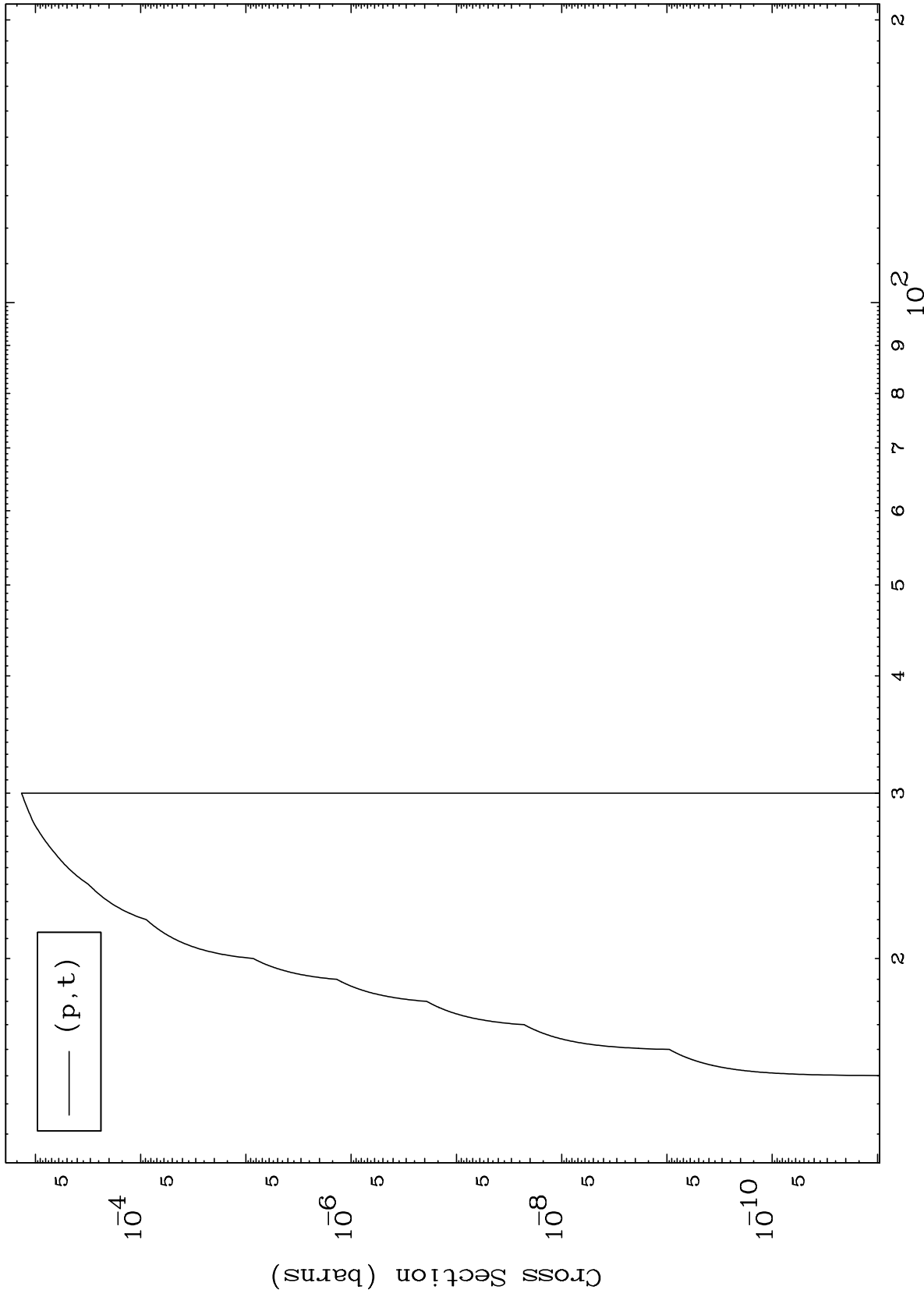
39-Y -87



7

Incident Energy (MeV)

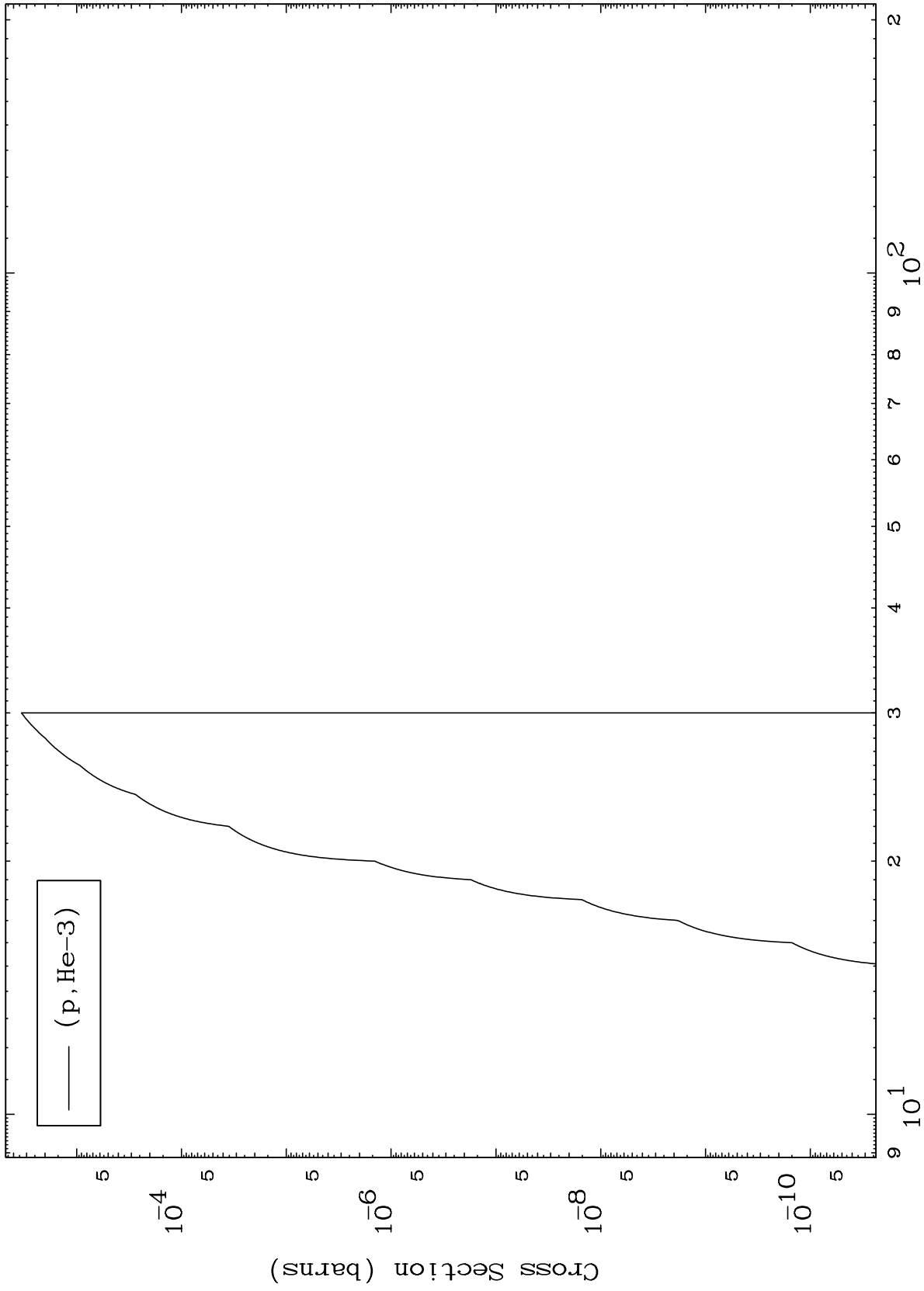
39-Y -87



MAT 3920

(p,He3) Levels
0 Kelvin Cross Sections

39-Y -87



9

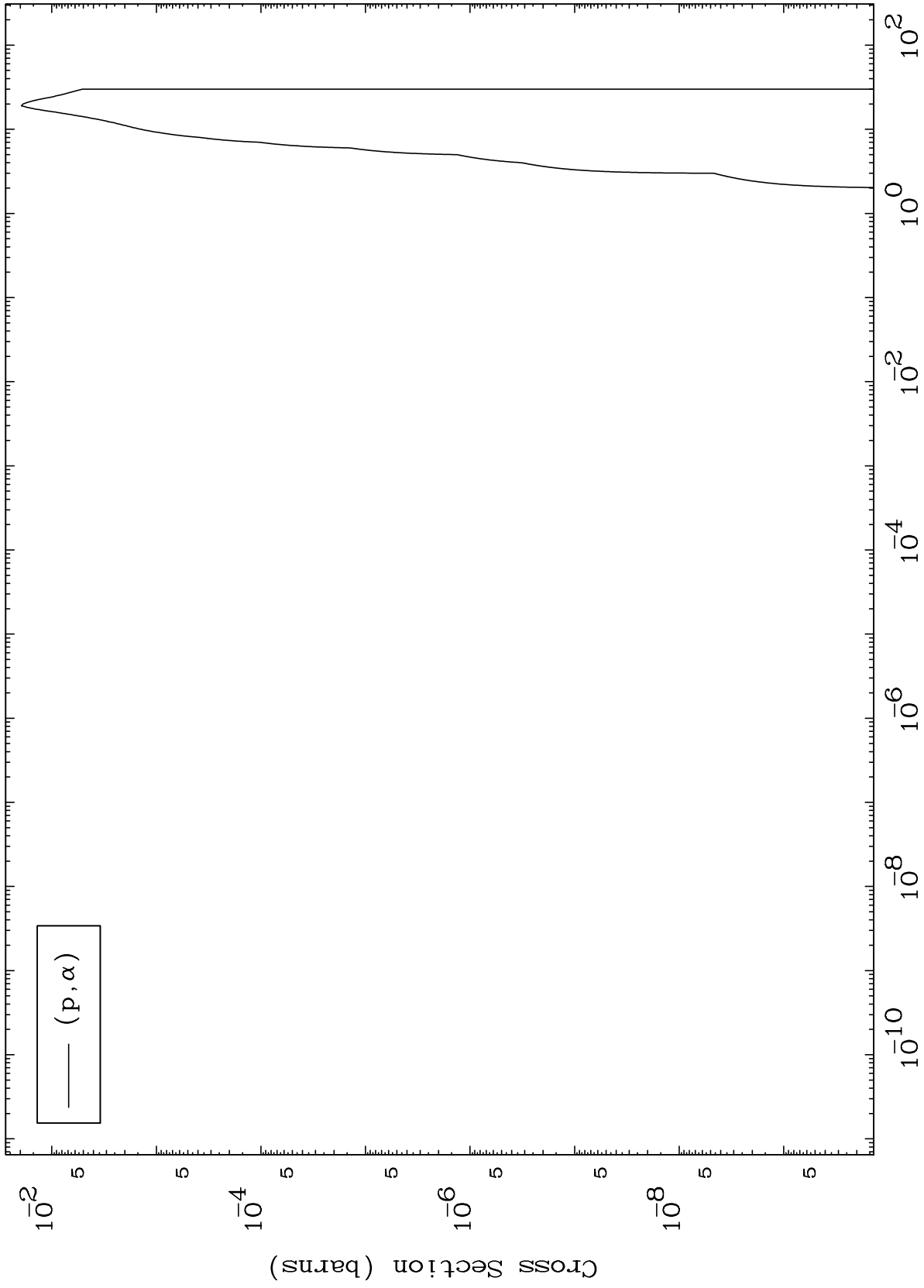
Incident Energy (MeV)

39-Y -87

MAT 3920

(p,α) Levels
0 Kelvin Cross Sections

39-Y -87



10

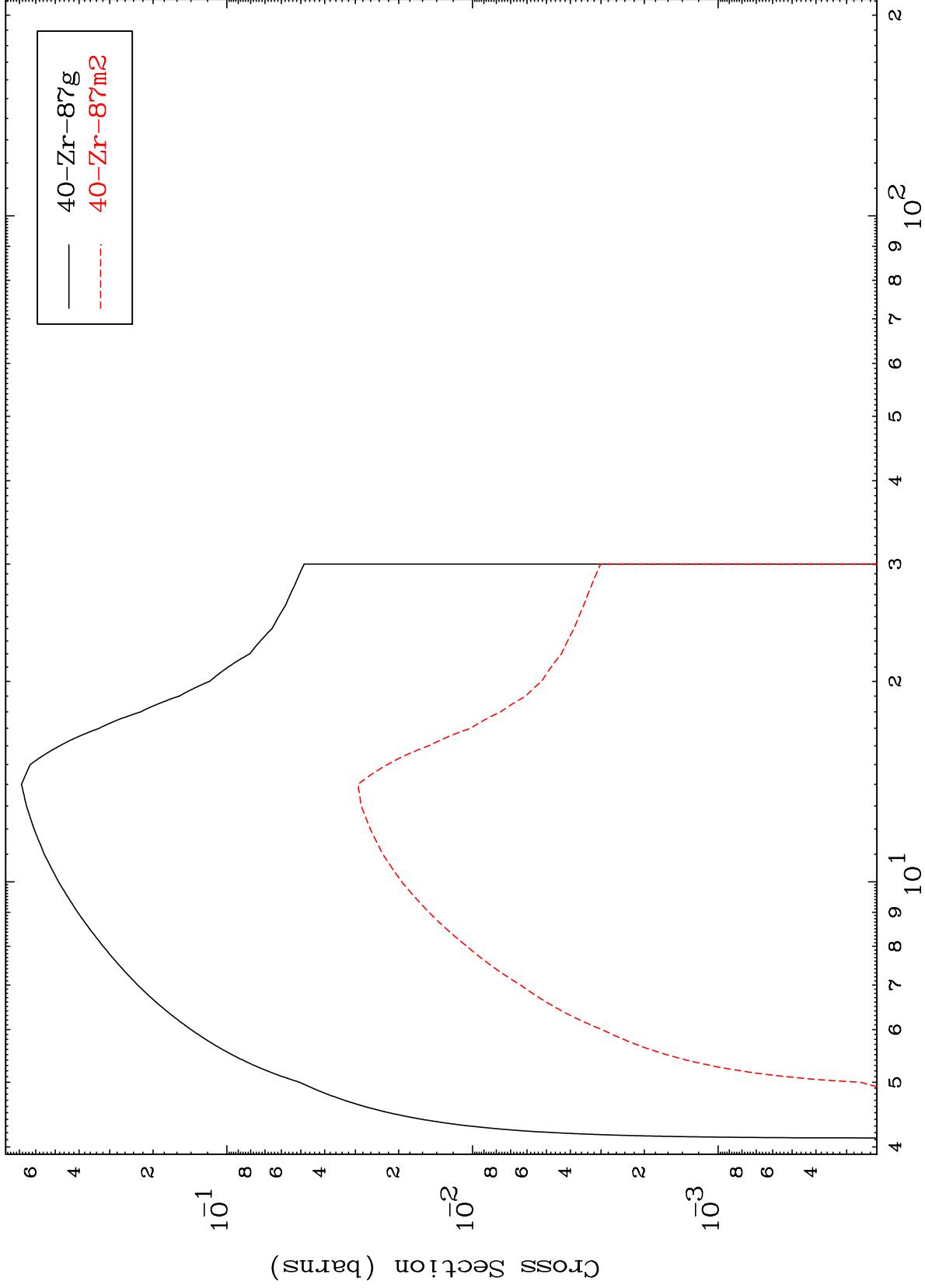
Incident Energy (MeV)

39-Y -87

MAT 3920

Proton Inelastic Radionuclide Production Cross Section

39-Y -87



11

Incident Energy (MeV)

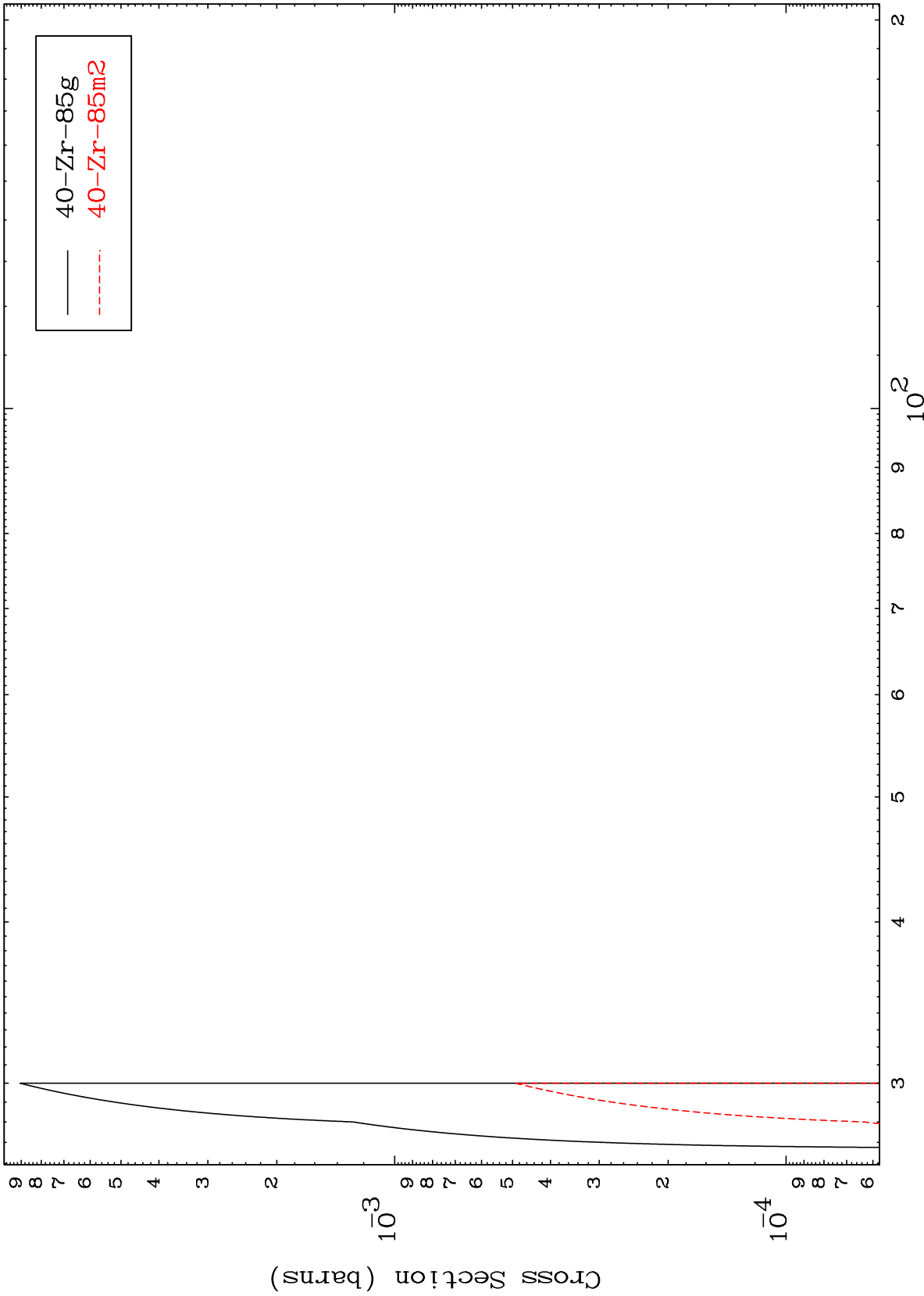
39-Y -87

MAT 3920

(p,3n)

39-Y -87

Radionuclide Production Cross Section



40-Zr-85g
40-Zr-85m2

12

Incident Energy (MeV)

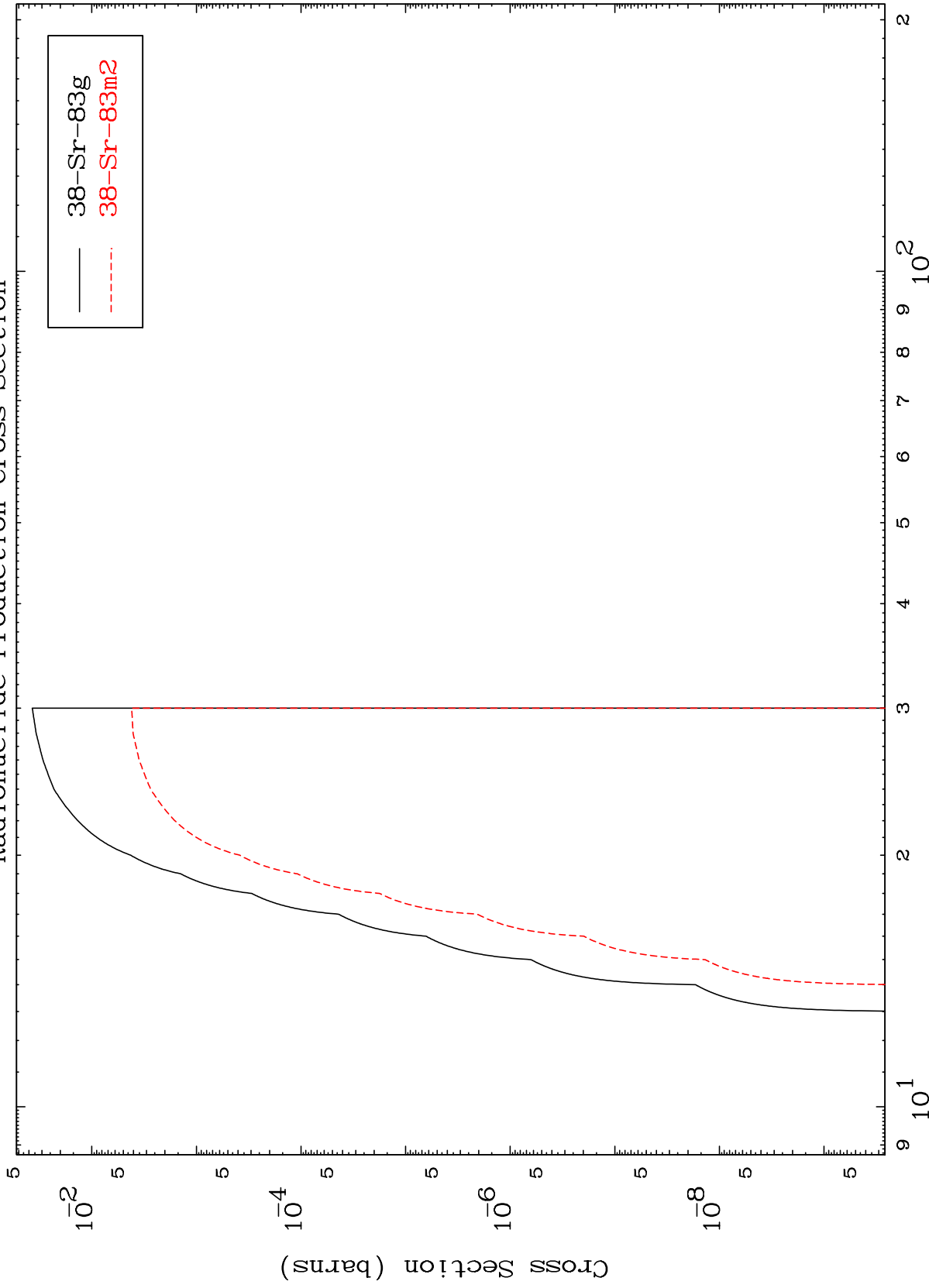
39-Y -87

MAT 3920

(p,n') α

39-Y -87

Radionuclide Production Cross Section



13

Incident Energy (MeV)

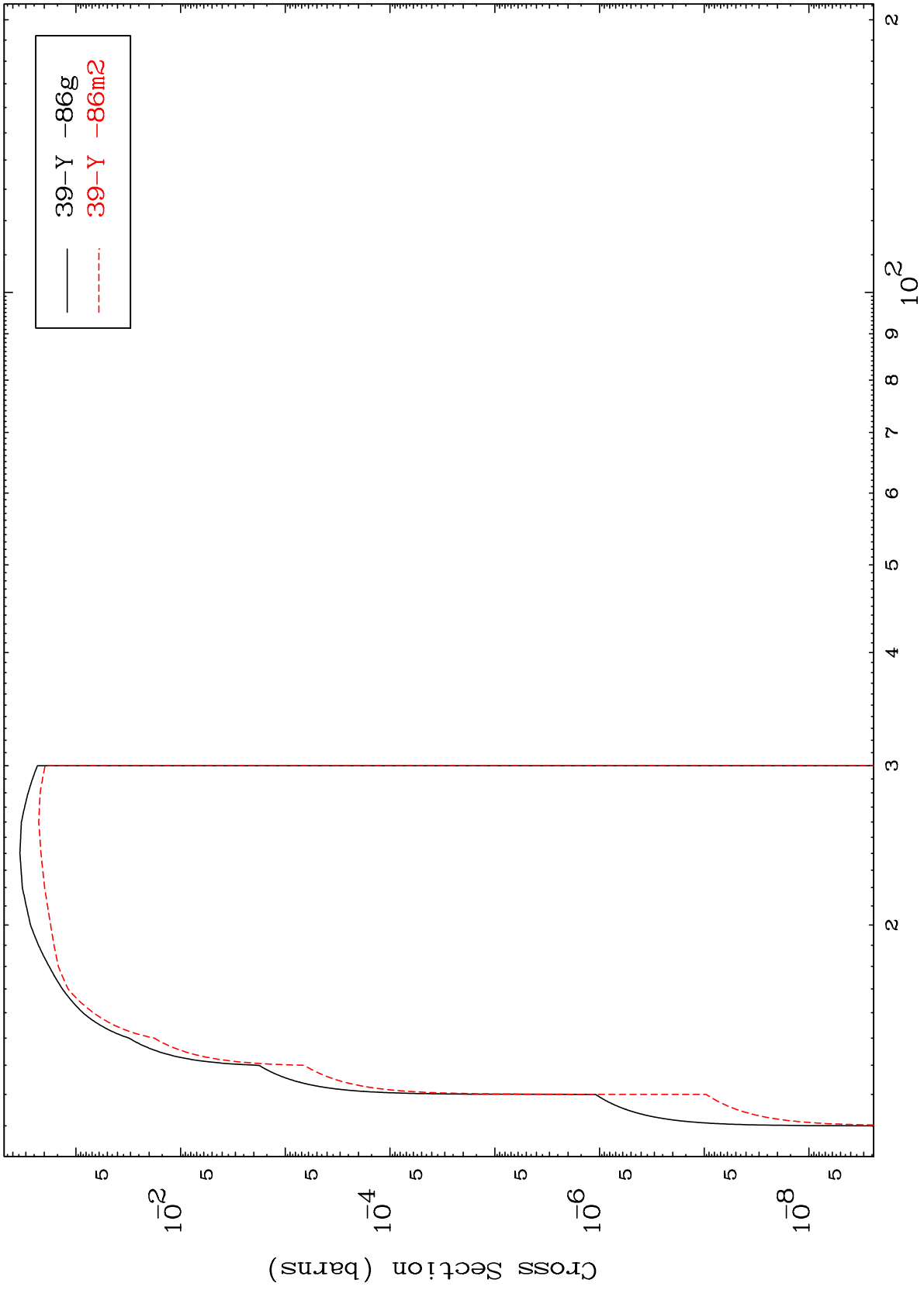
39-Y -87

MAT 3920

(p,n') p

39-Y -87

Radionuclide Production Cross Section



14

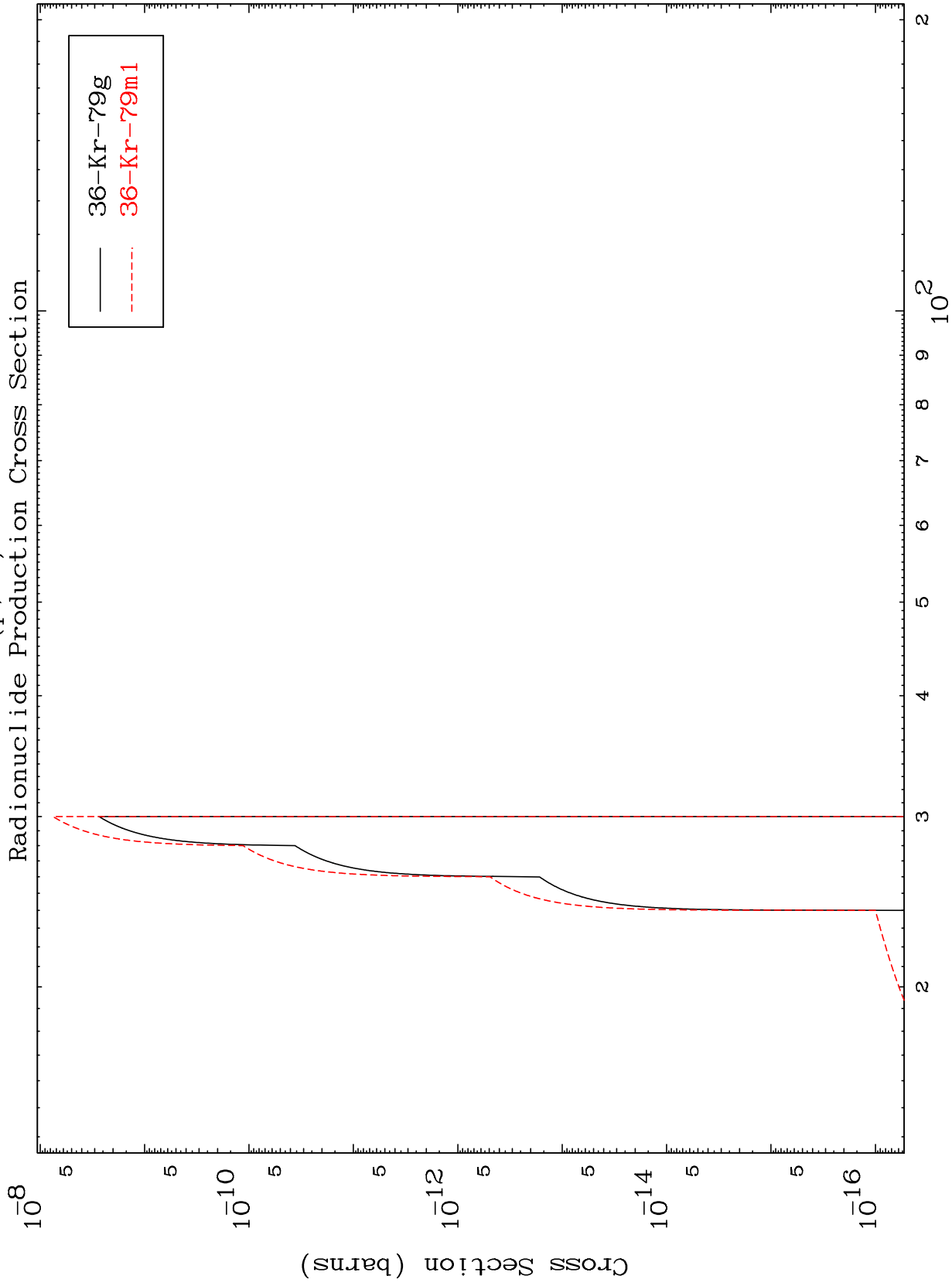
Incident Energy (MeV)

39-Y -87

MAT 3920

(p,n') 2 α

39-Y -87



15

Incident Energy (MeV)

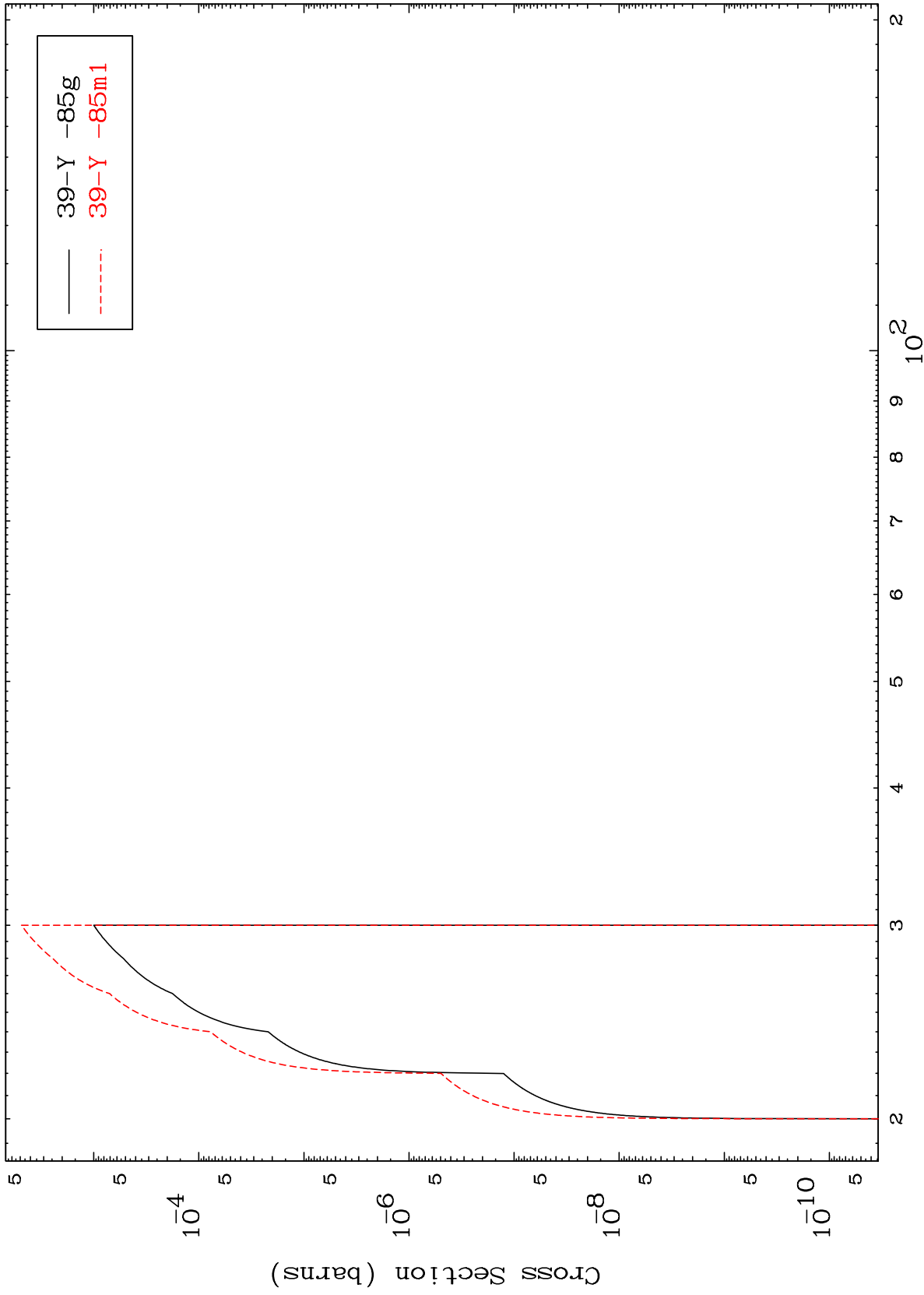
39-Y -87

MAT 3920

(p,n') d

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

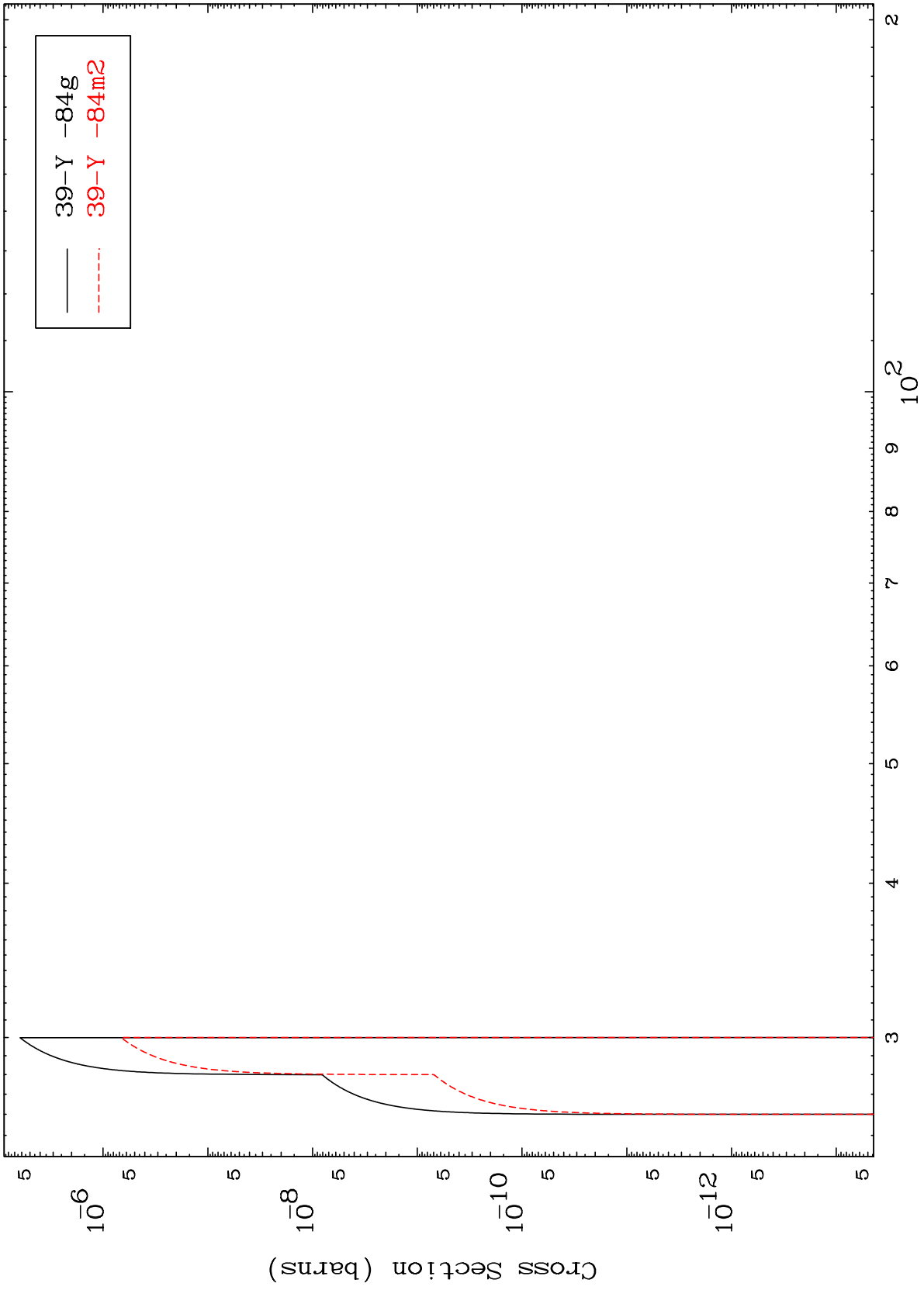
39-Y -87

MAT 3920

(p,n') t

39-Y -87

Radionuclide Production Cross Section



17

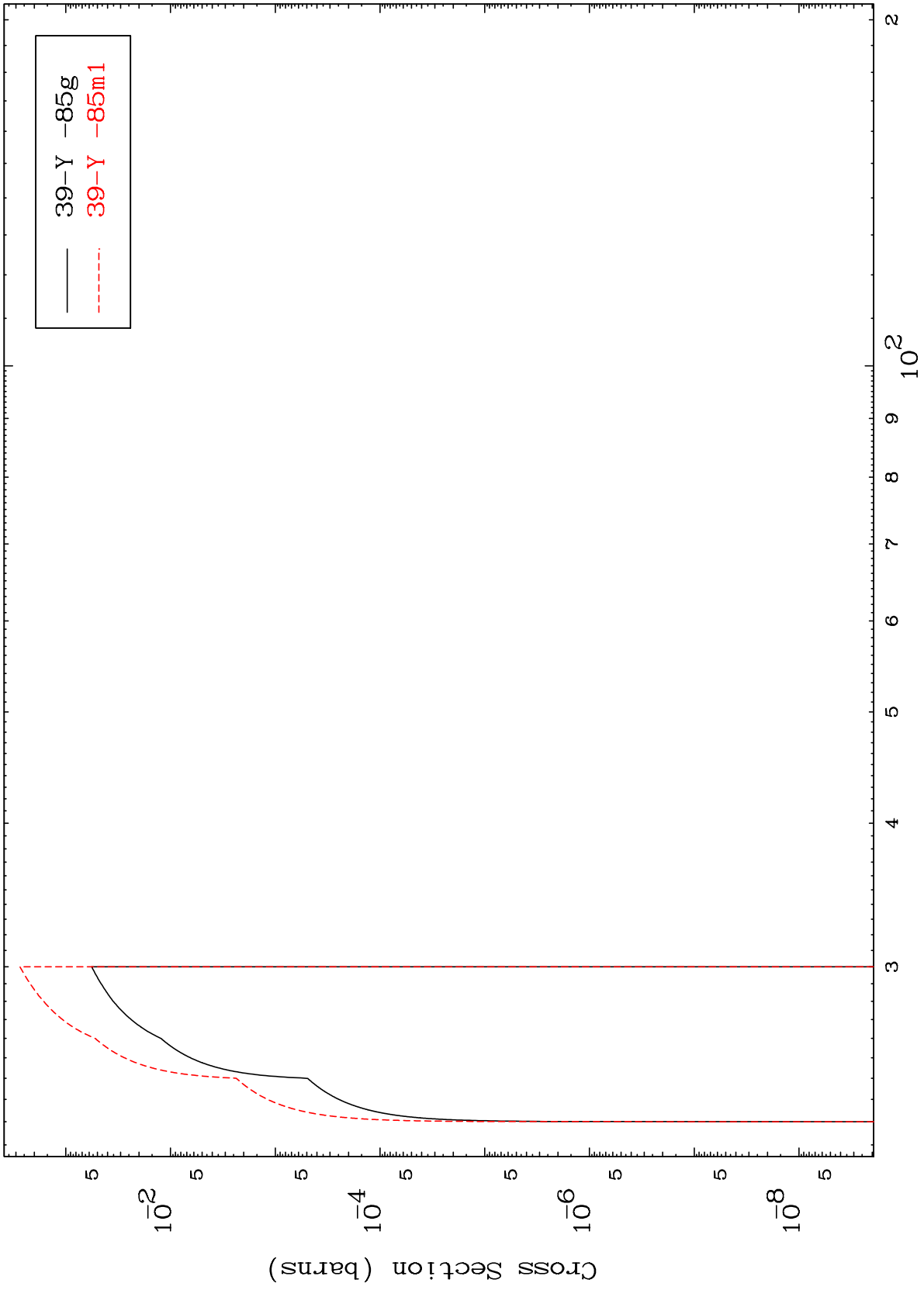
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

(p,2n) p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

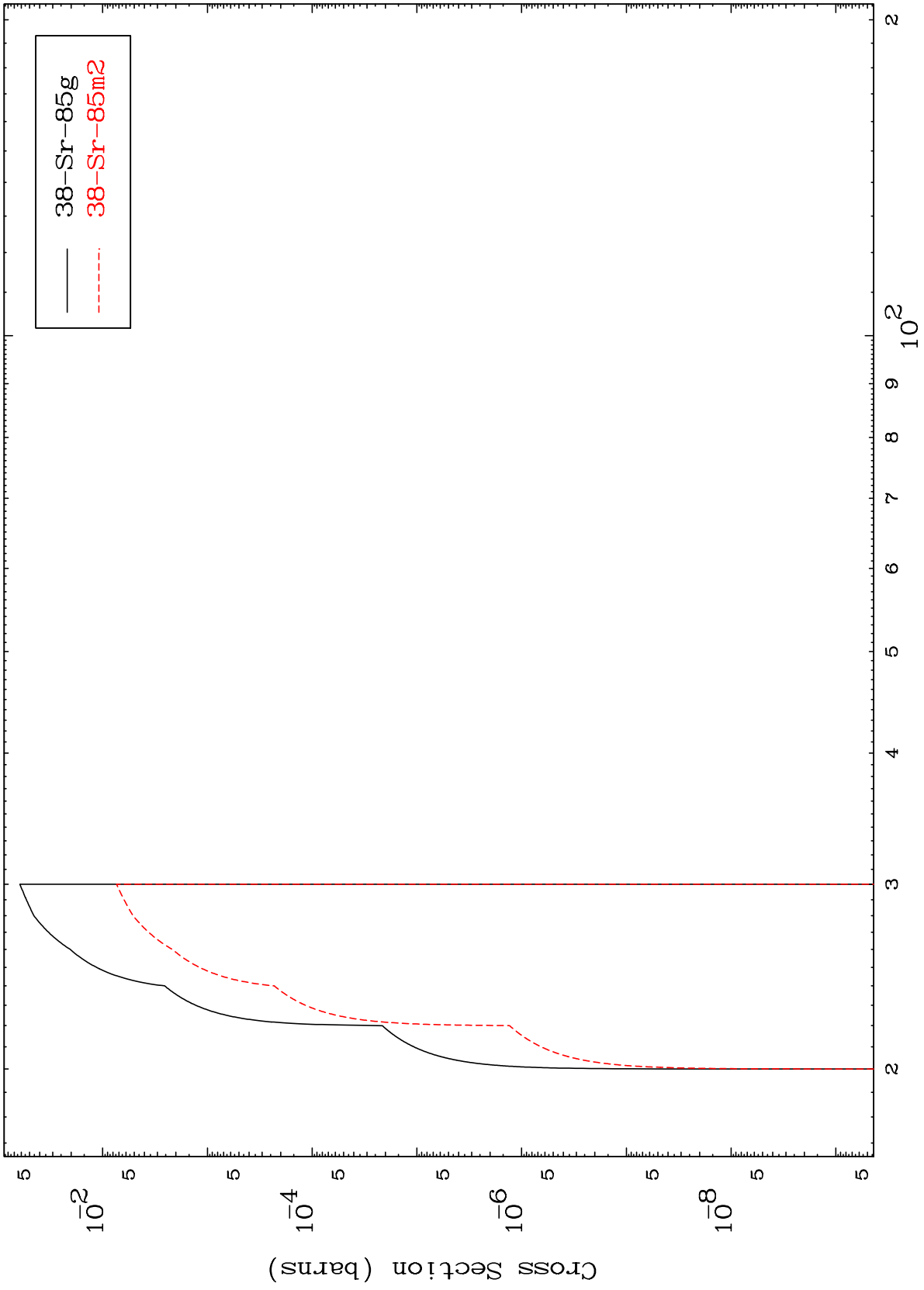
39-Y -87

MAT 3920

(p,2n) p

39-Y -87

Radionuclide Production Cross Section



19

Incident Energy (MeV)

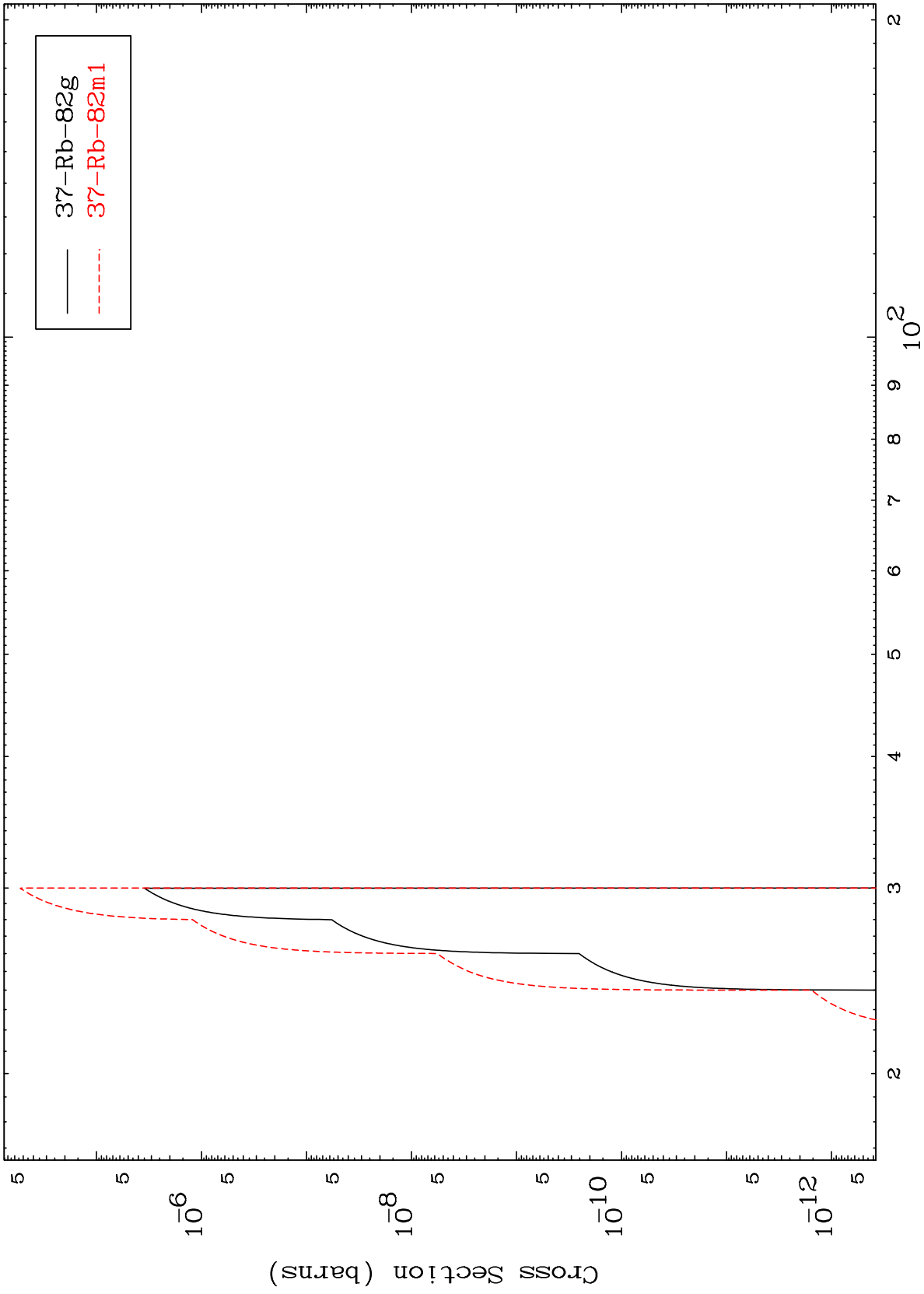
39-Y -87

MAT 3920

(p,n') p α

39-Y -87

Radionuclide Production Cross Section



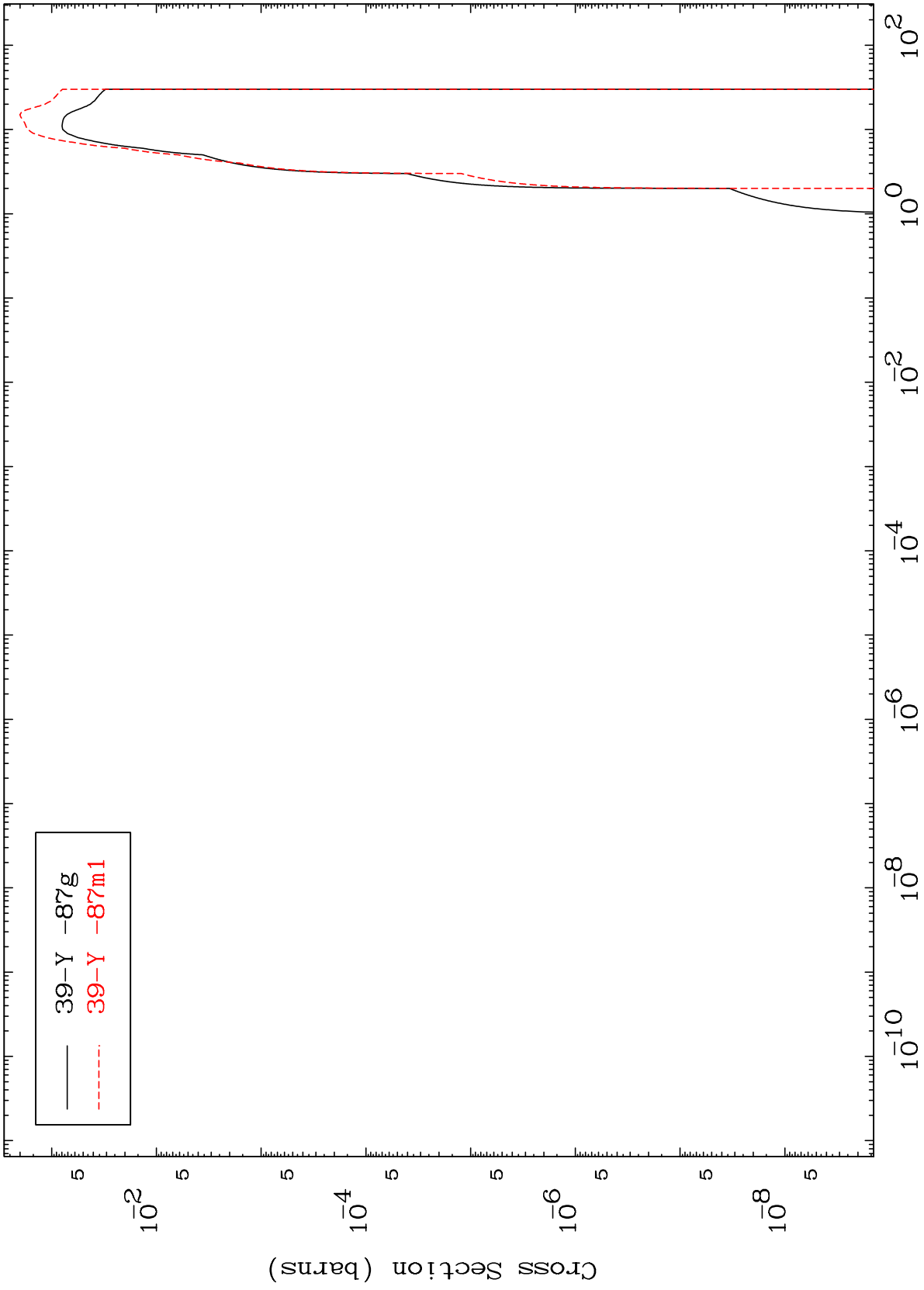
20

Incident Energy (MeV)

39-Y -87

MAT 3920

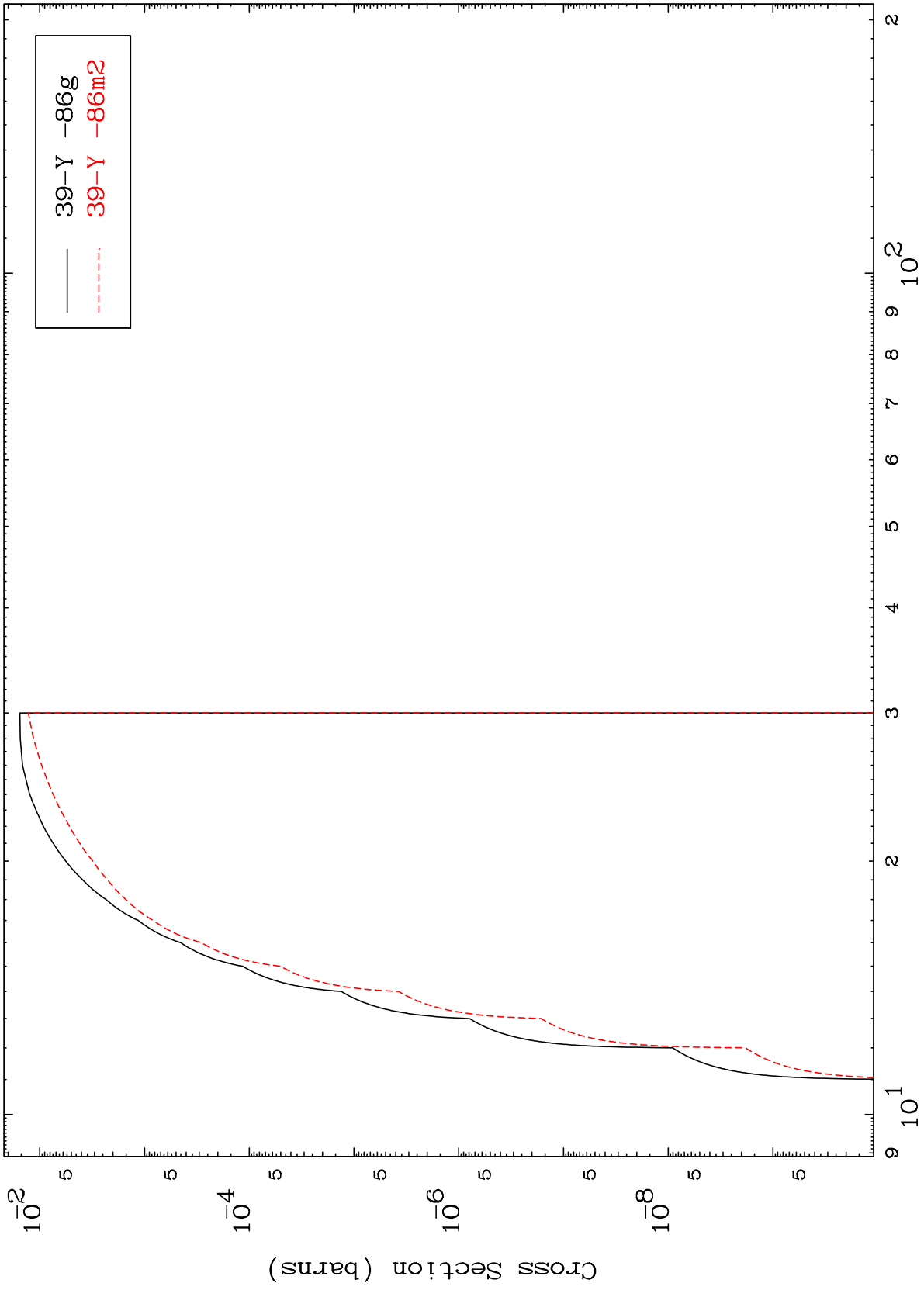
(p,p)
Radionuclide Production Cross Section



MAT 3920

39-Y -87

(p,d)
Radionuclide Production Cross Section



22

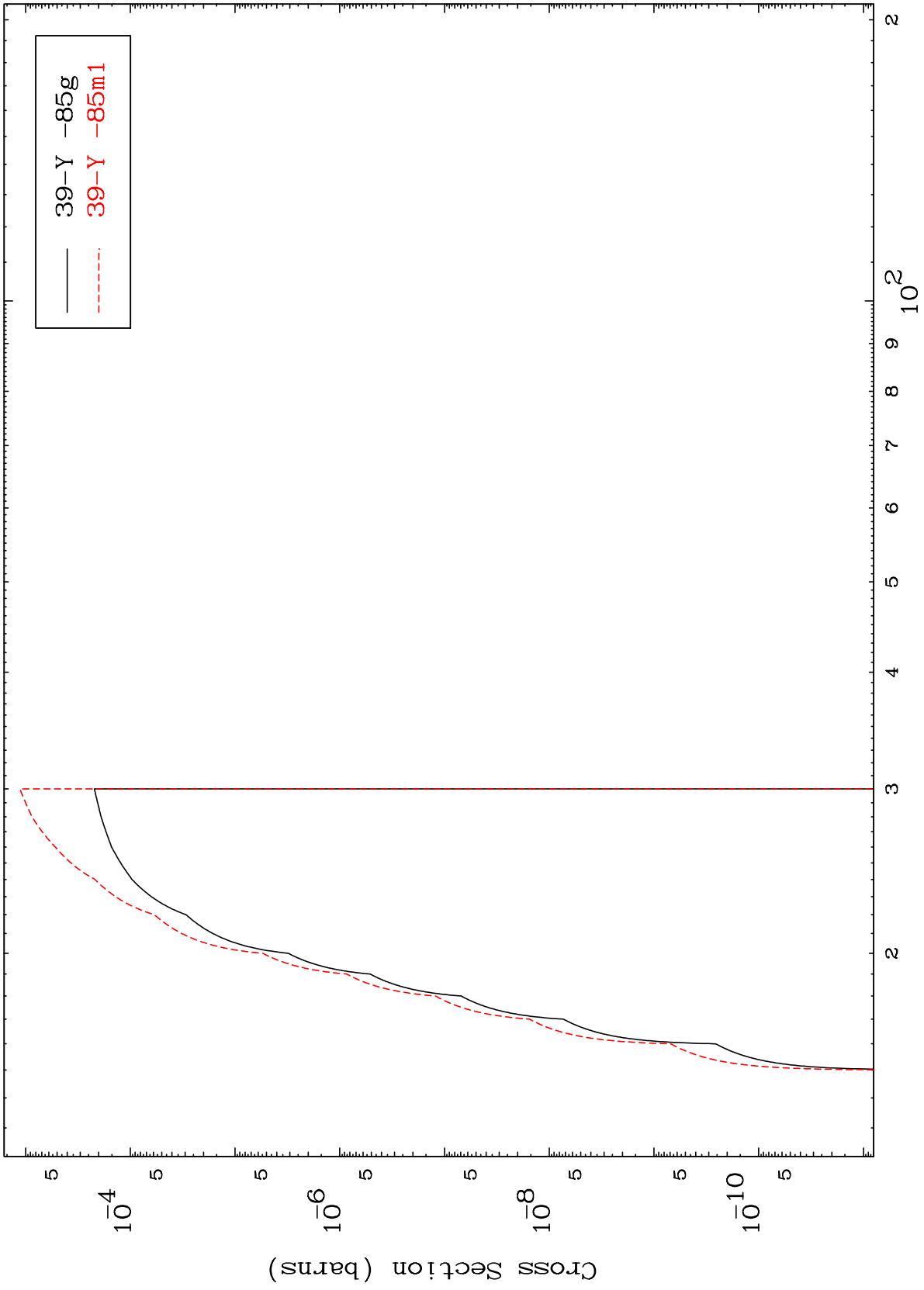
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

(p,t)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

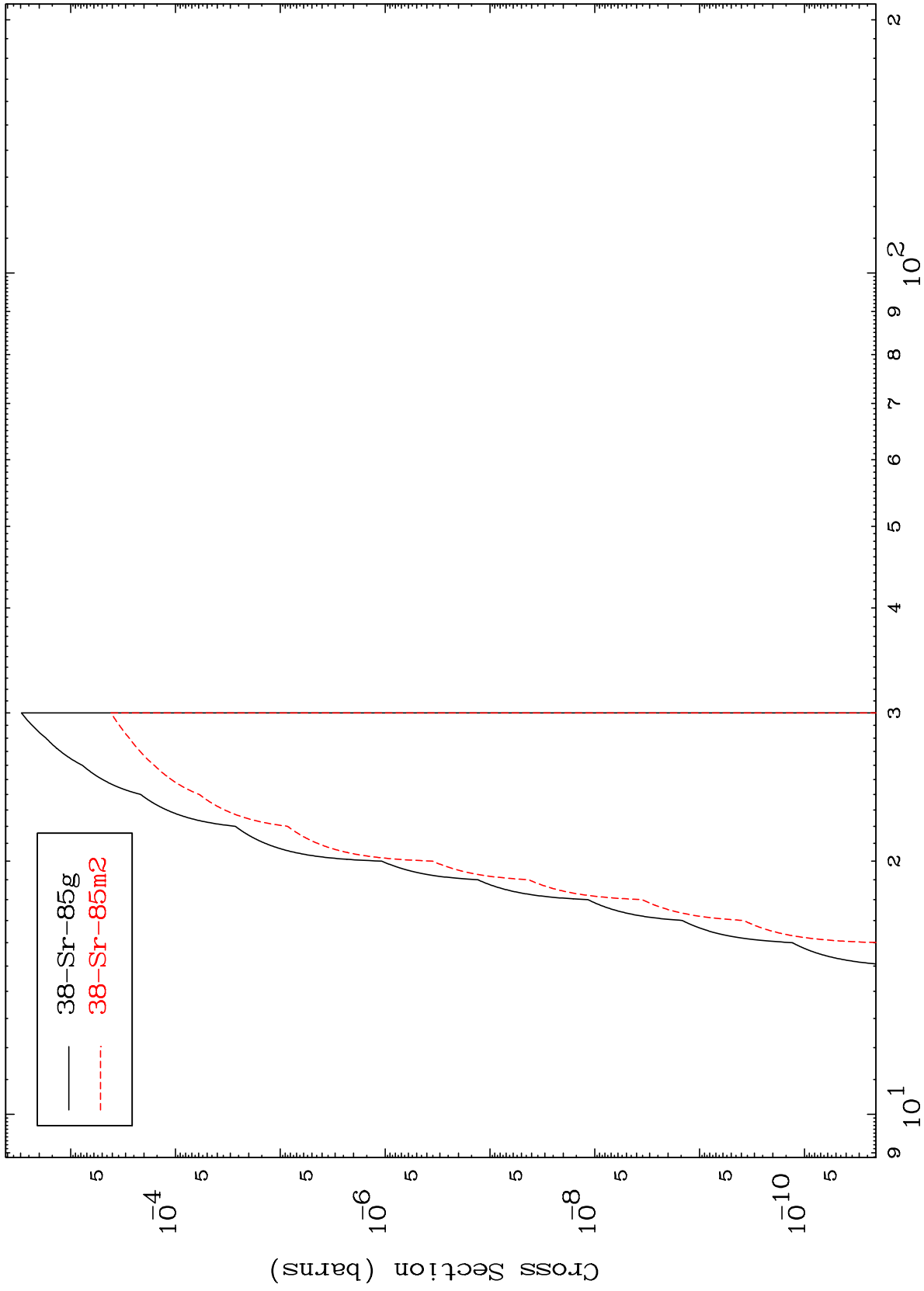
39-Y -87

MAT 3920

(p,He-3)

39-Y -87

Radionuclide Production Cross Section

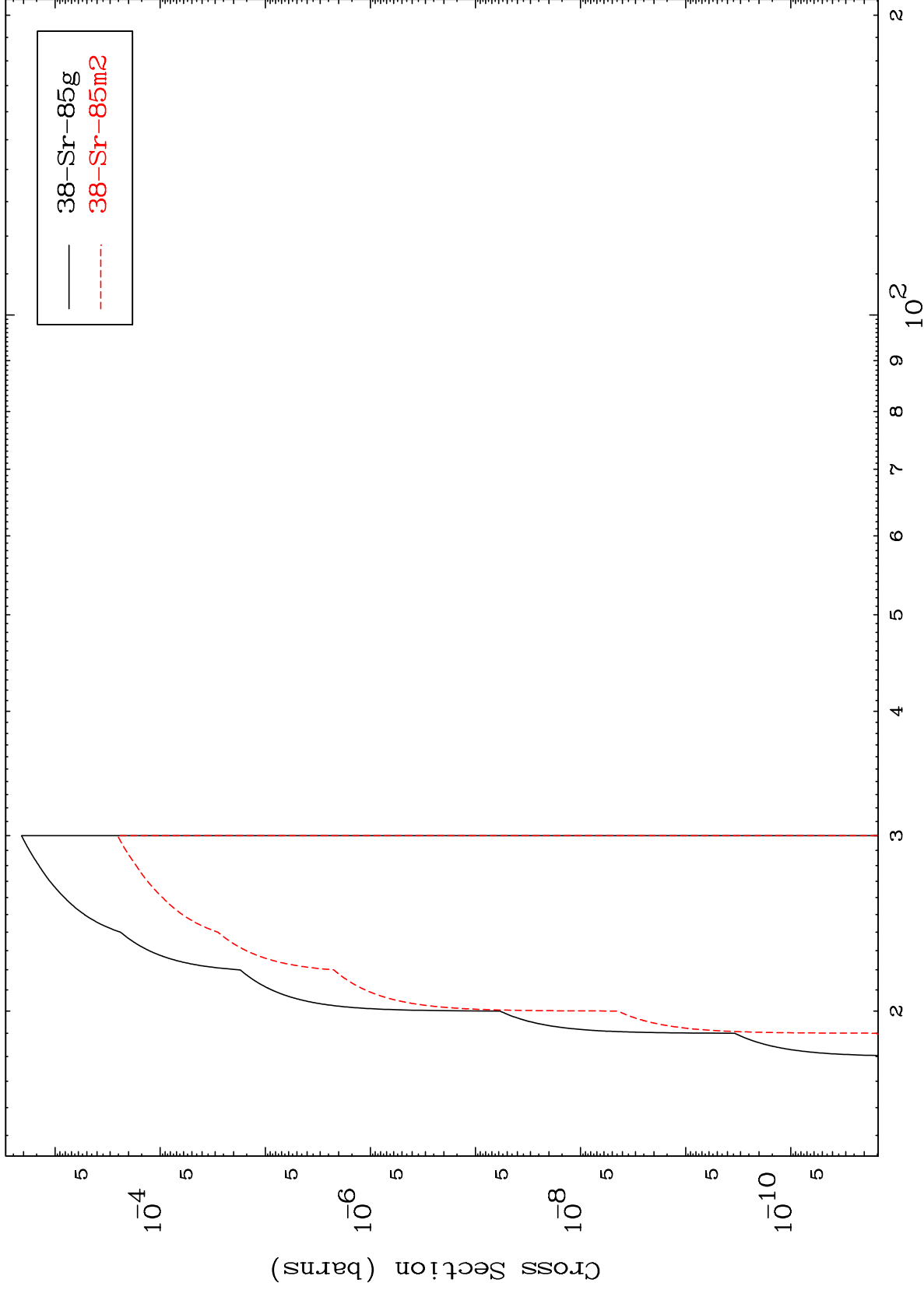


24

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

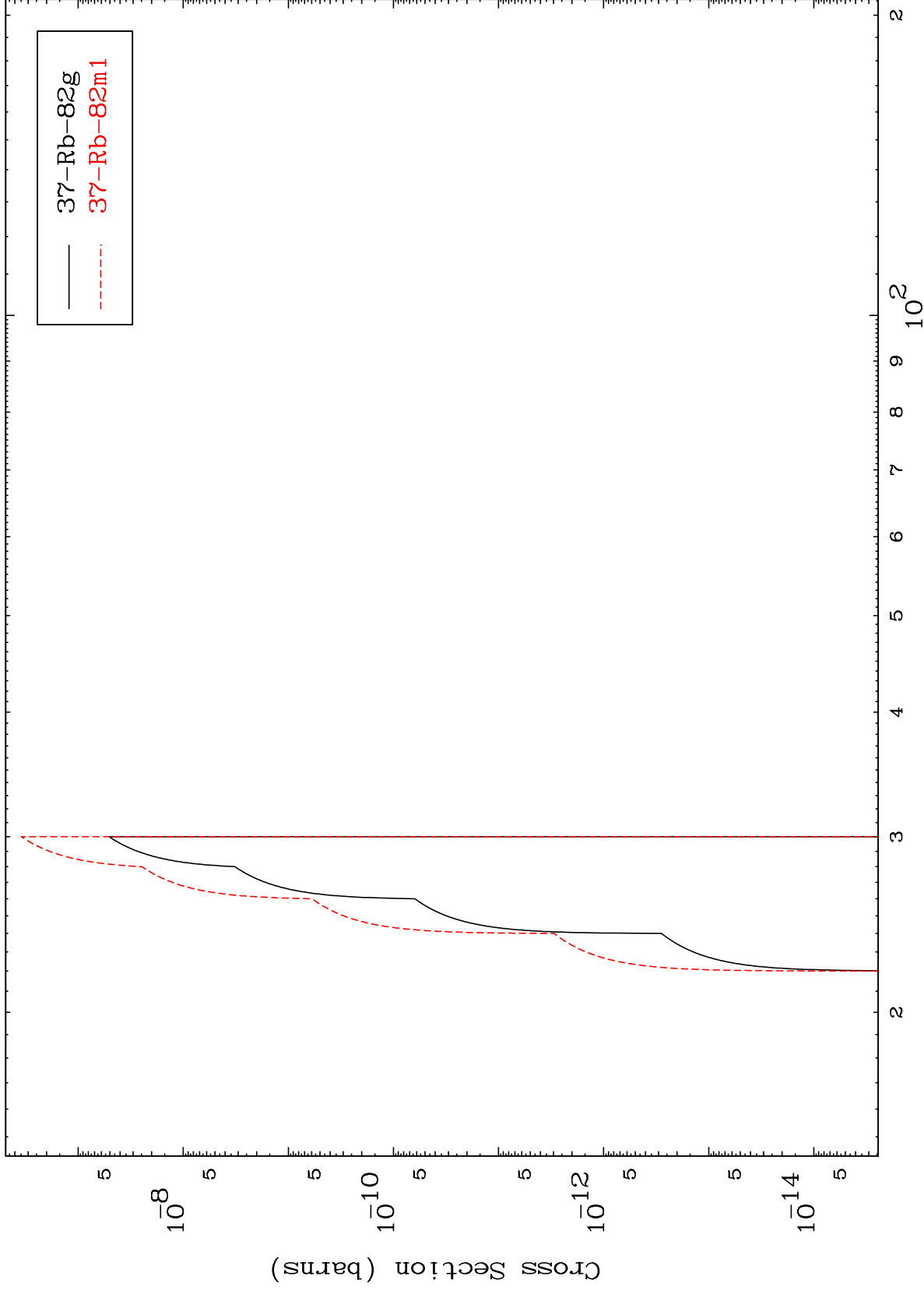


MAT 3920

(p,d) α

39-Y -87

Radionuclide Production Cross Section



26

Incident Energy (MeV)

39-Y -87