

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

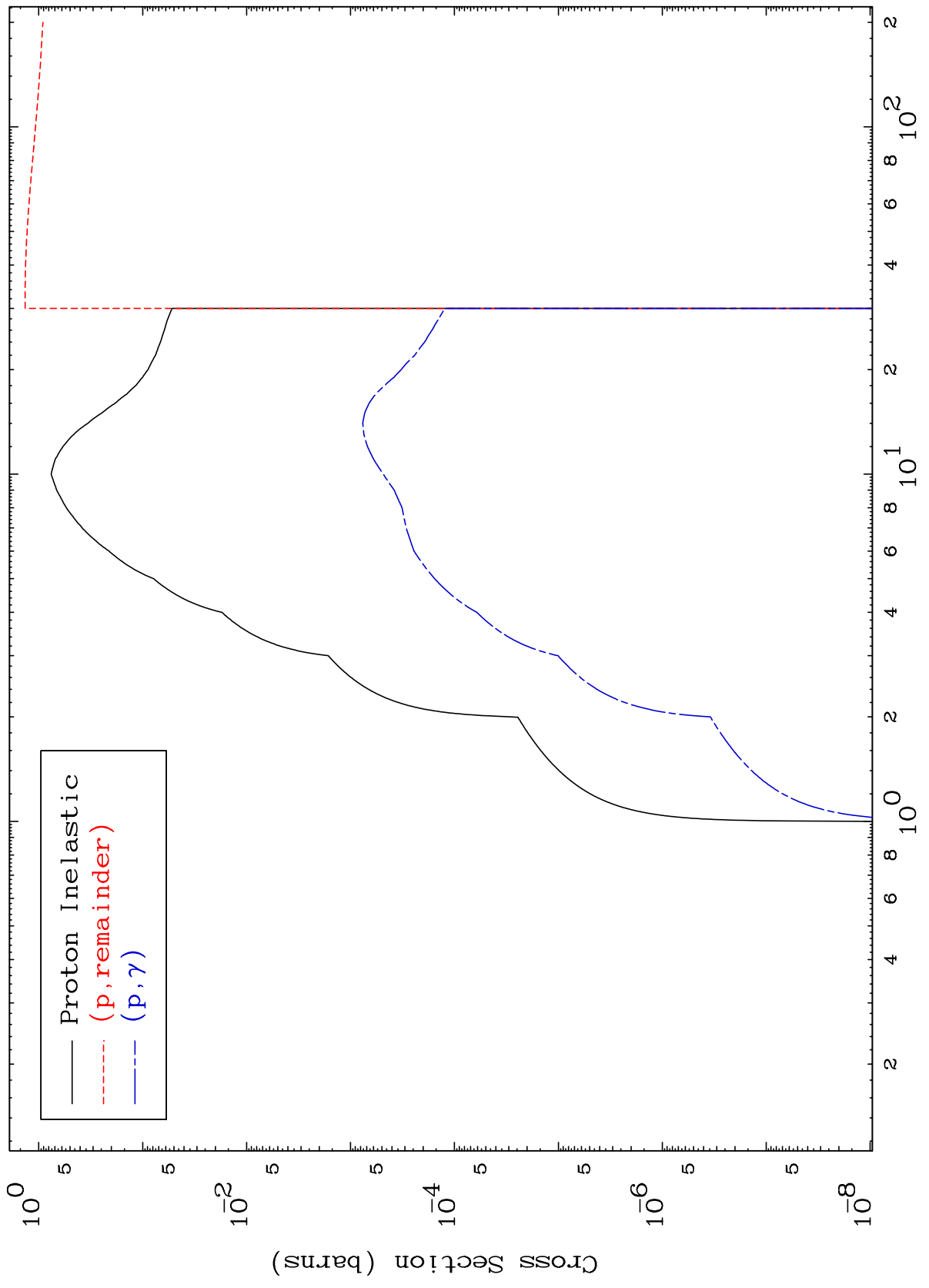
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Tele: 925-443-1911

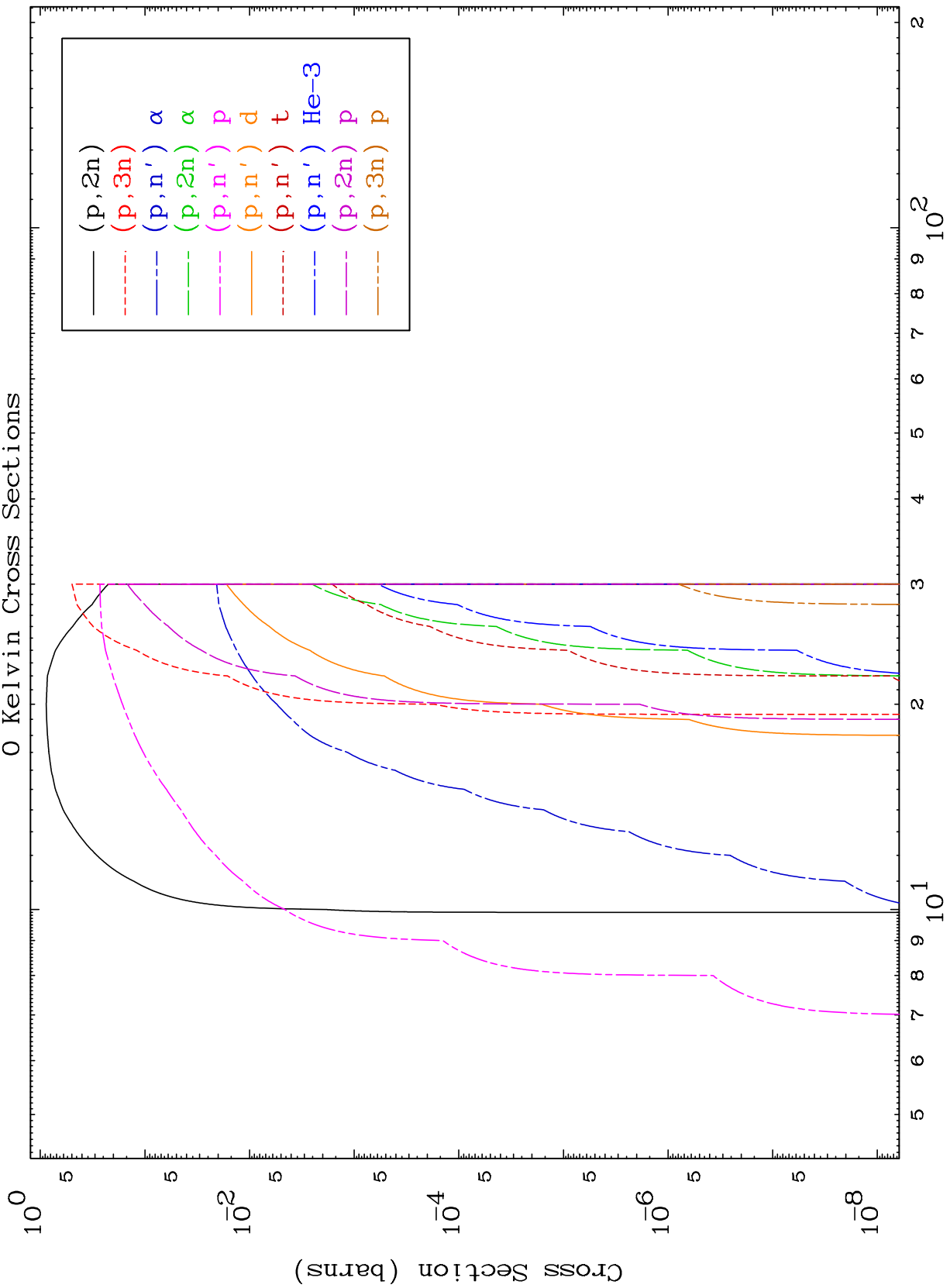
E.Mail:redcullen1@comcast.net

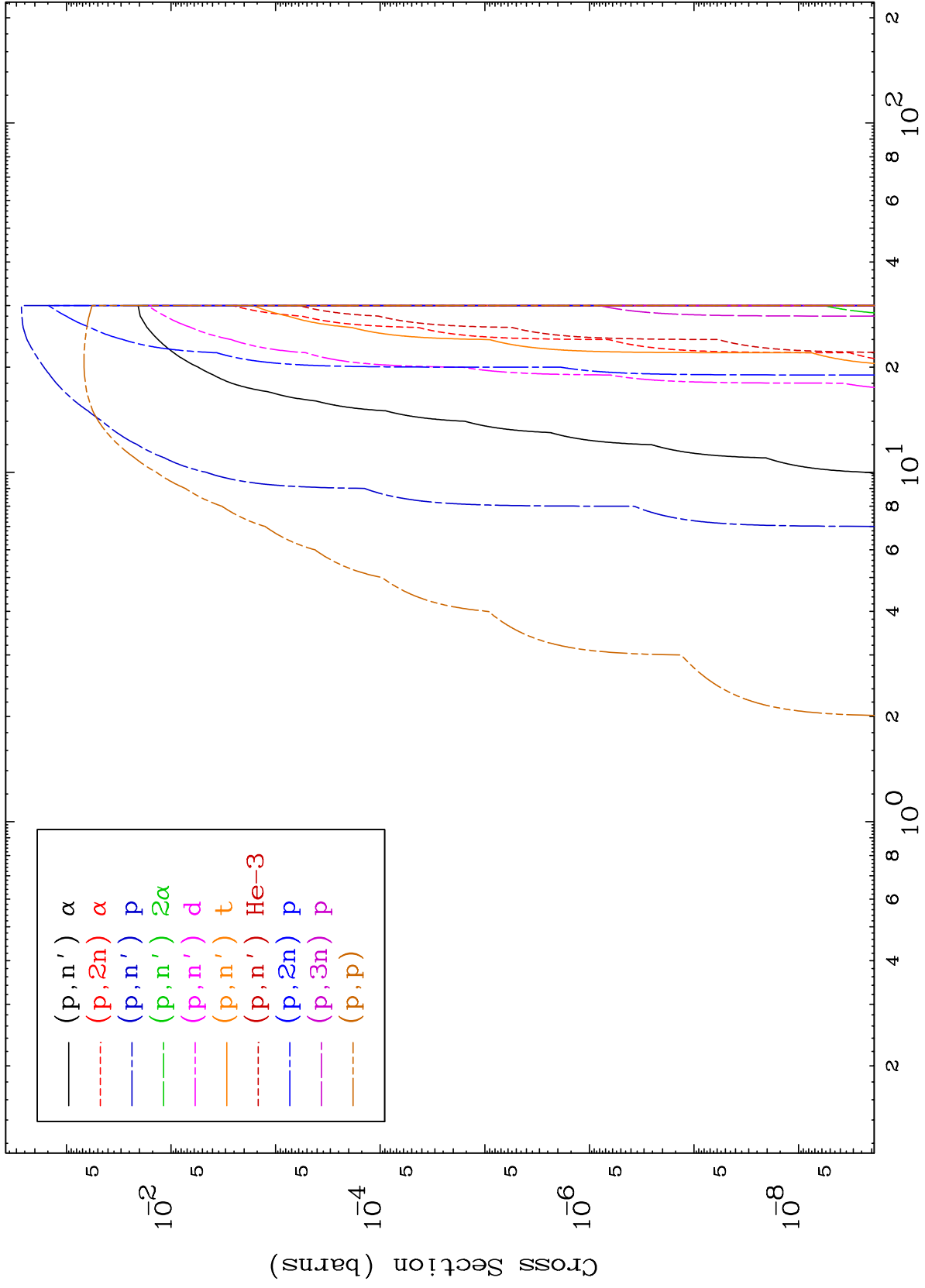
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



— Proton Inelastic
- - - (p, remainder)
- · - (p, γ)

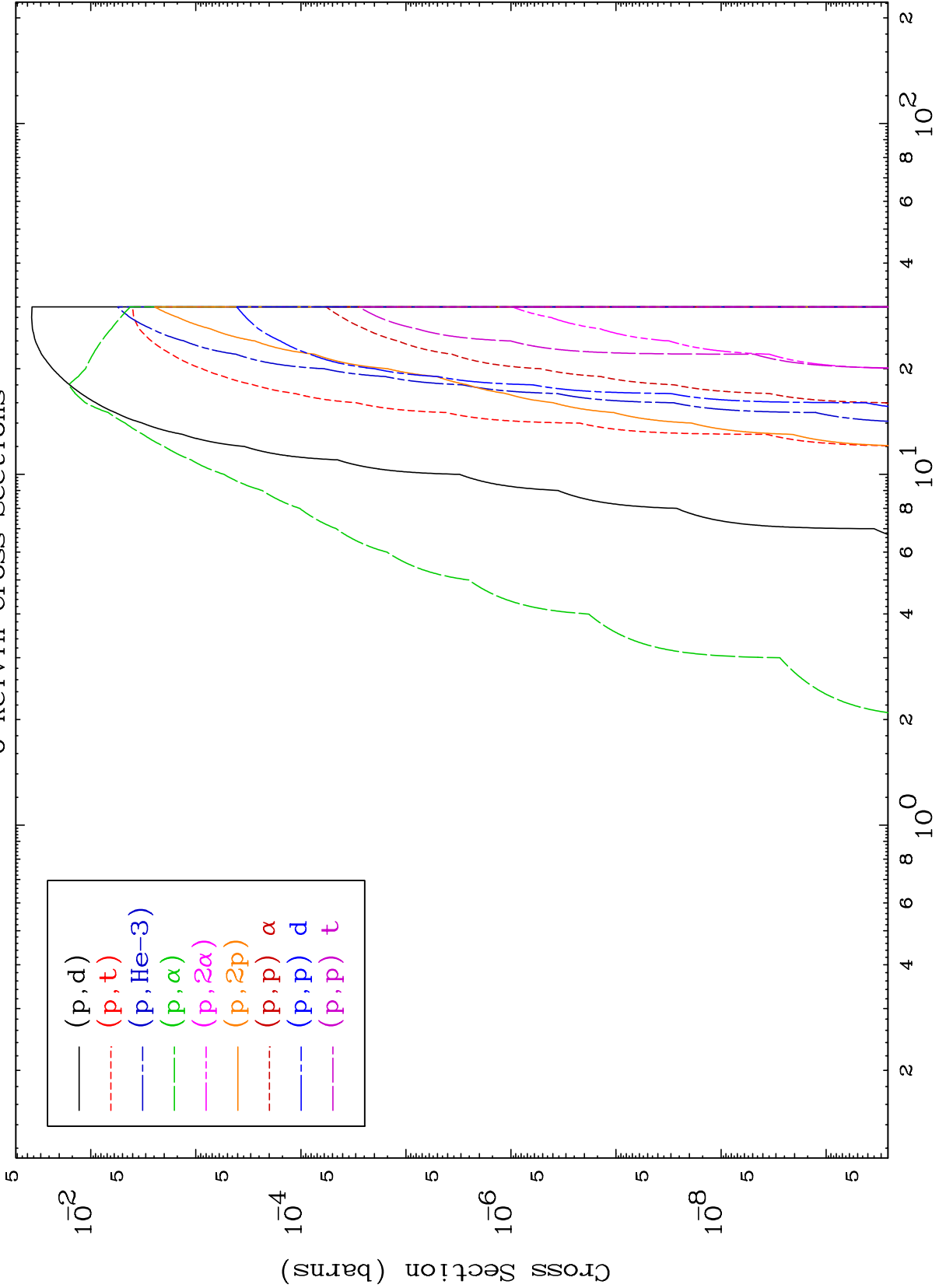




MAT 3929

Proton Charged Particle
0 Kelvin Cross Sections

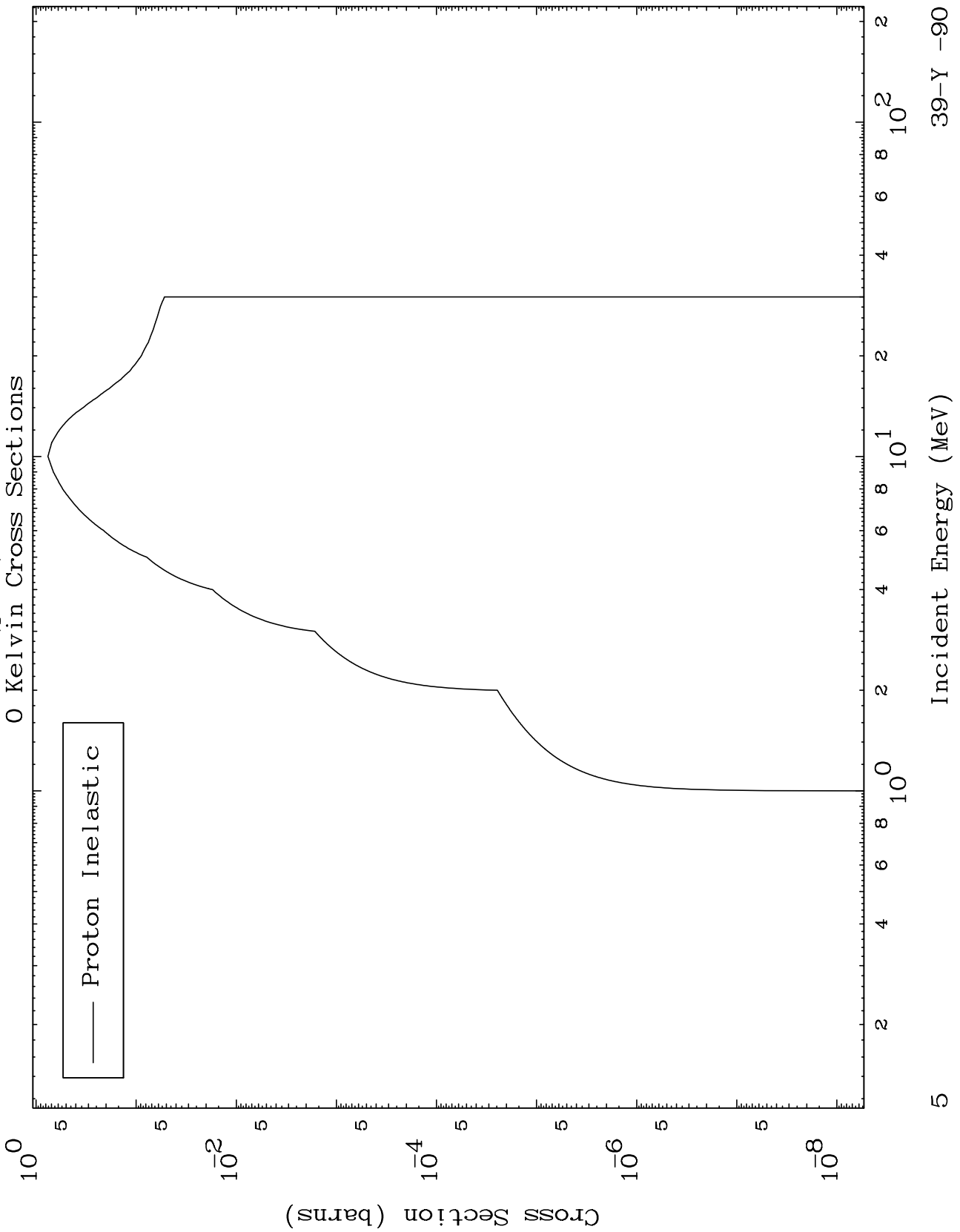
39-Y -90



MAT 3929

(p,n') Level

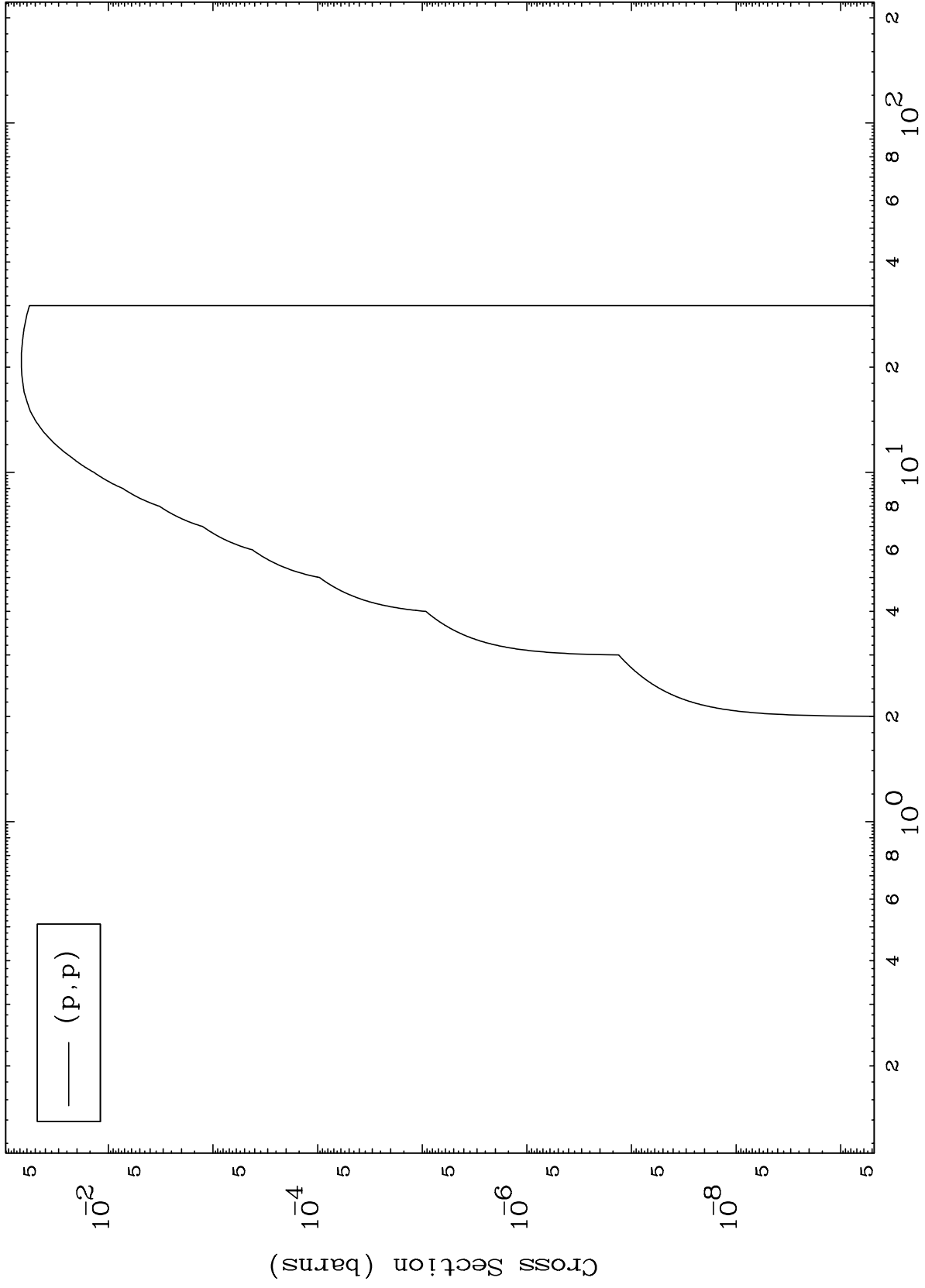
39-Y -90



MAT 3929

(p,p) Levels
0 Kelvin Cross Sections

39-Y -90



6

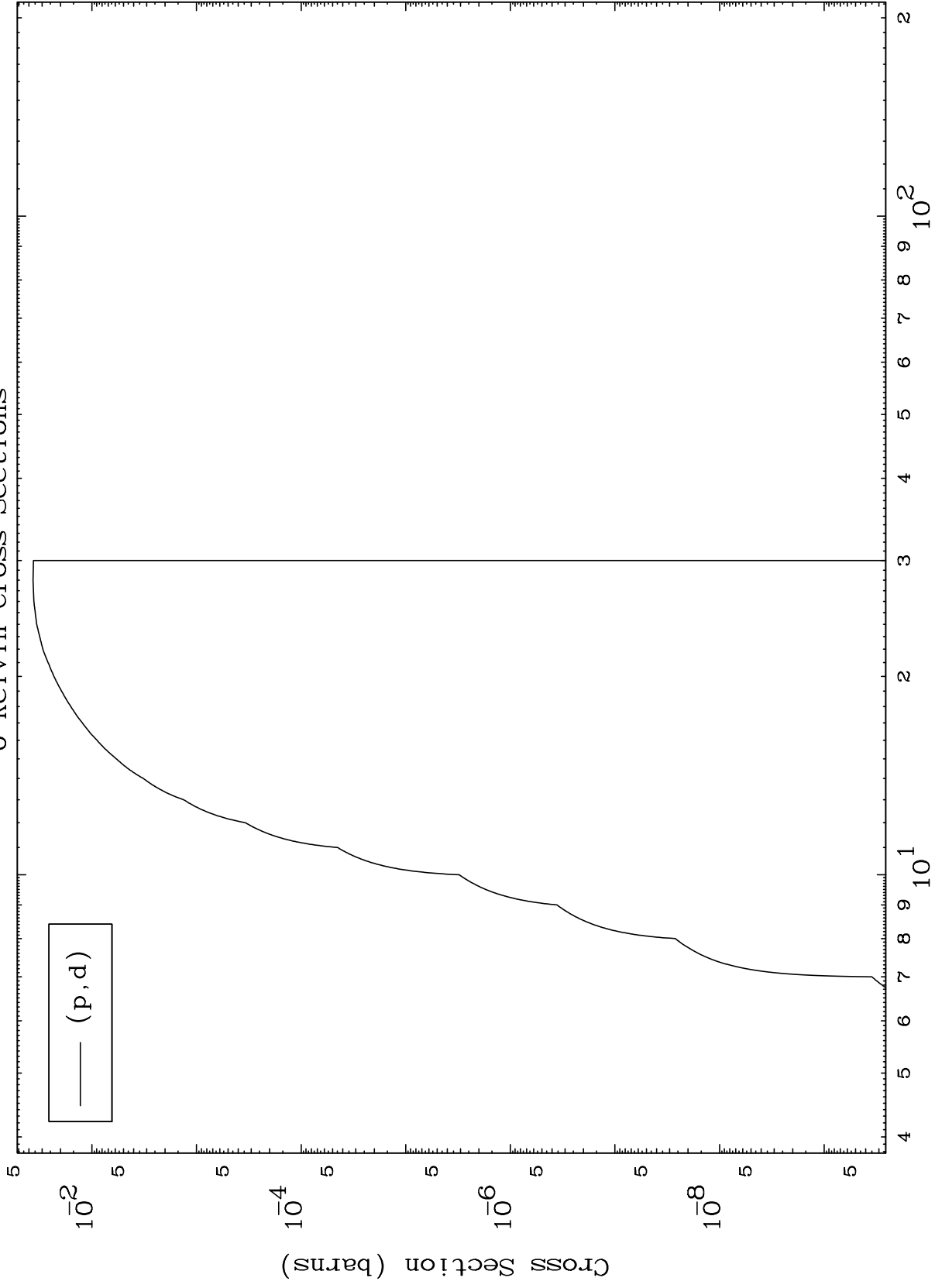
Incident Energy (MeV)

39-Y -90

MAT 3929

(p,d) Levels
0 Kelvin Cross Sections

39-Y -90



7

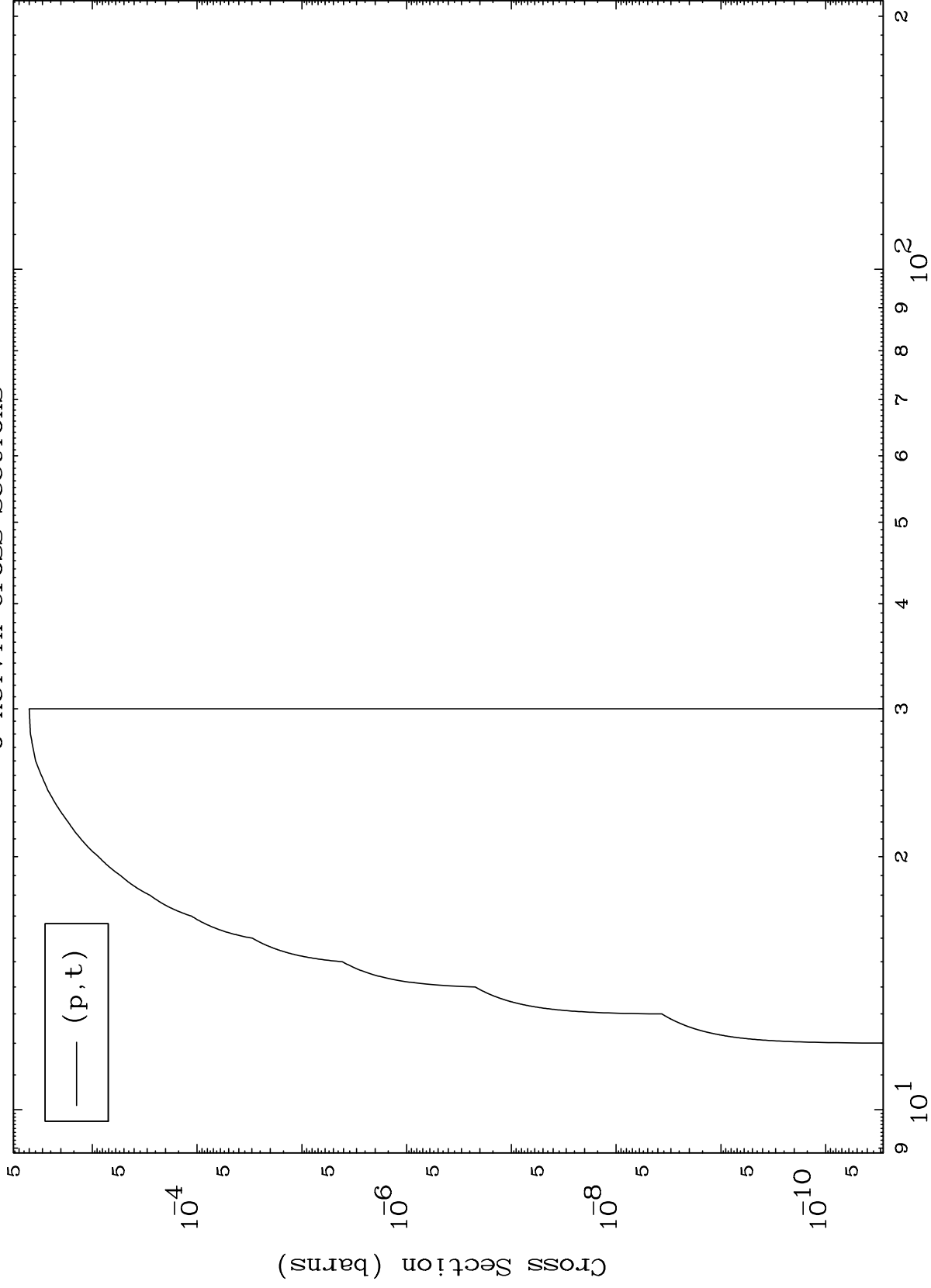
Incident Energy (MeV)

39-Y -90

MAT 3929

(p,t) Levels
0 Kelvin Cross Sections

39-Y -90

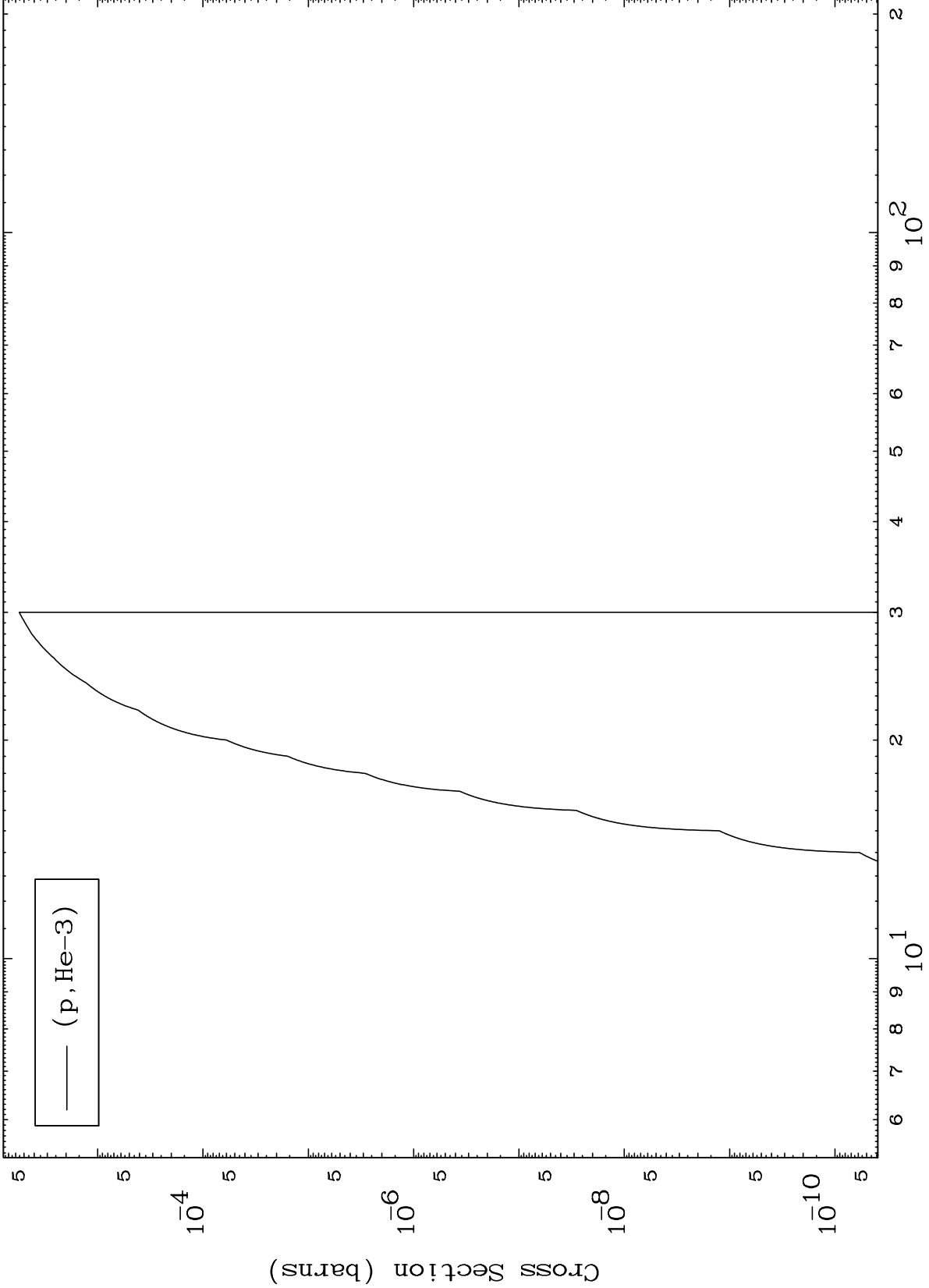


(p,t)

Incident Energy (MeV)

39-Y -90

8

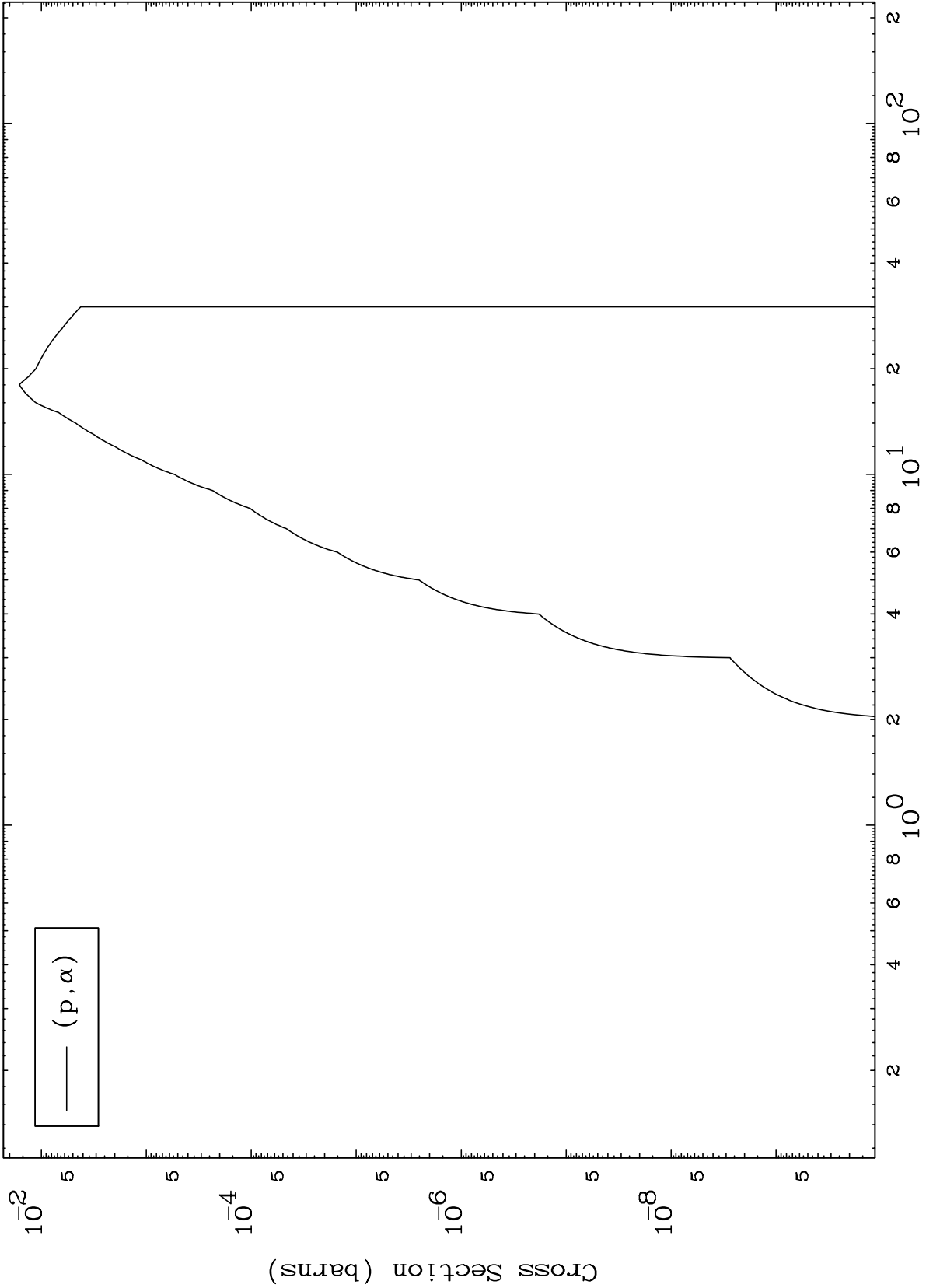


MAT 3929

(p, α) Levels

39-Y -90

0 Kelvin Cross Sections



10

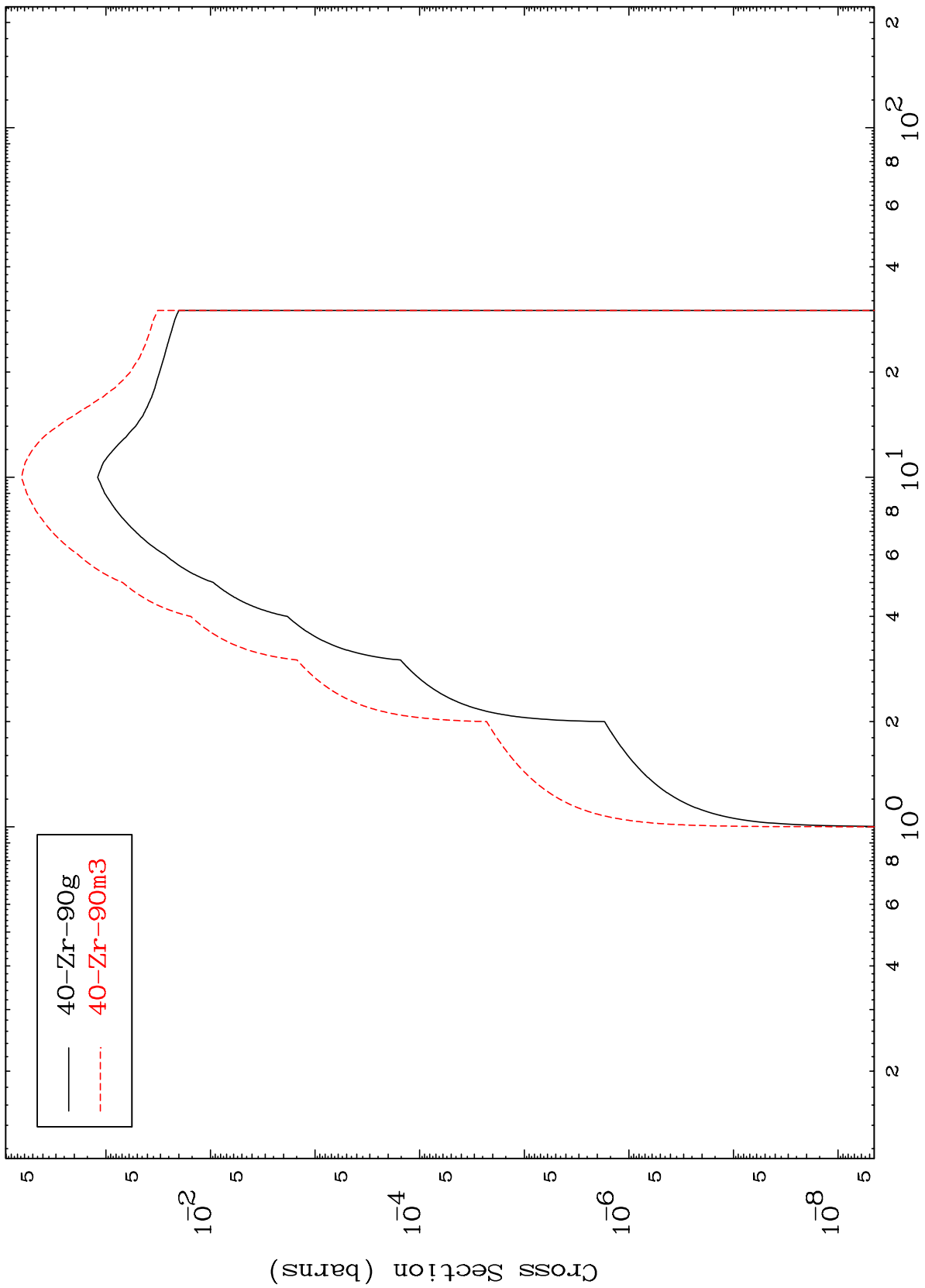
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

Proton Inelastic
Radionuclide Production Cross Section



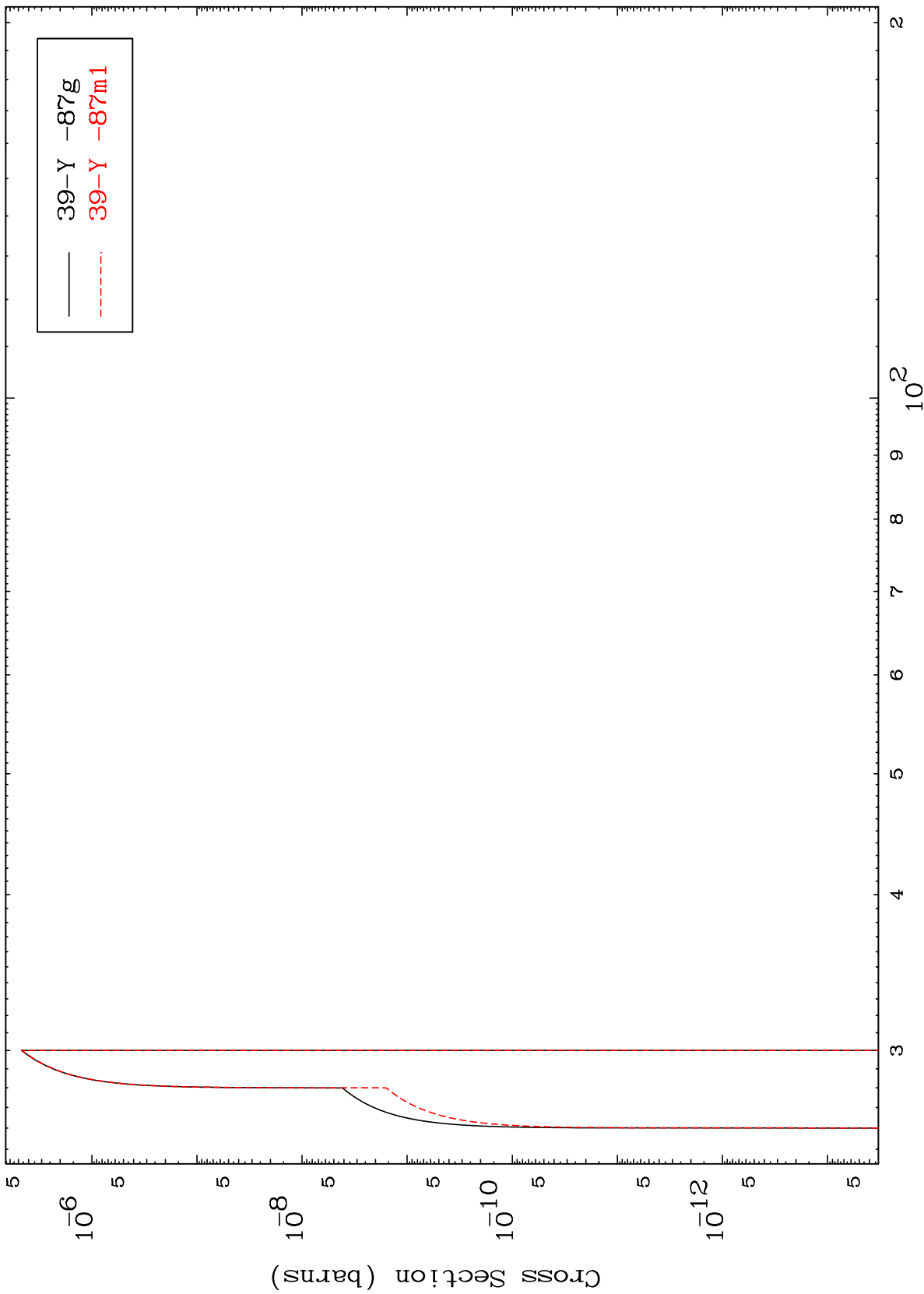
— 40-Zr-90g
- - - 40-Zr-90m3

MAT 3929

(p,2n) d

39-Y -90

Radionuclide Production Cross Section



12

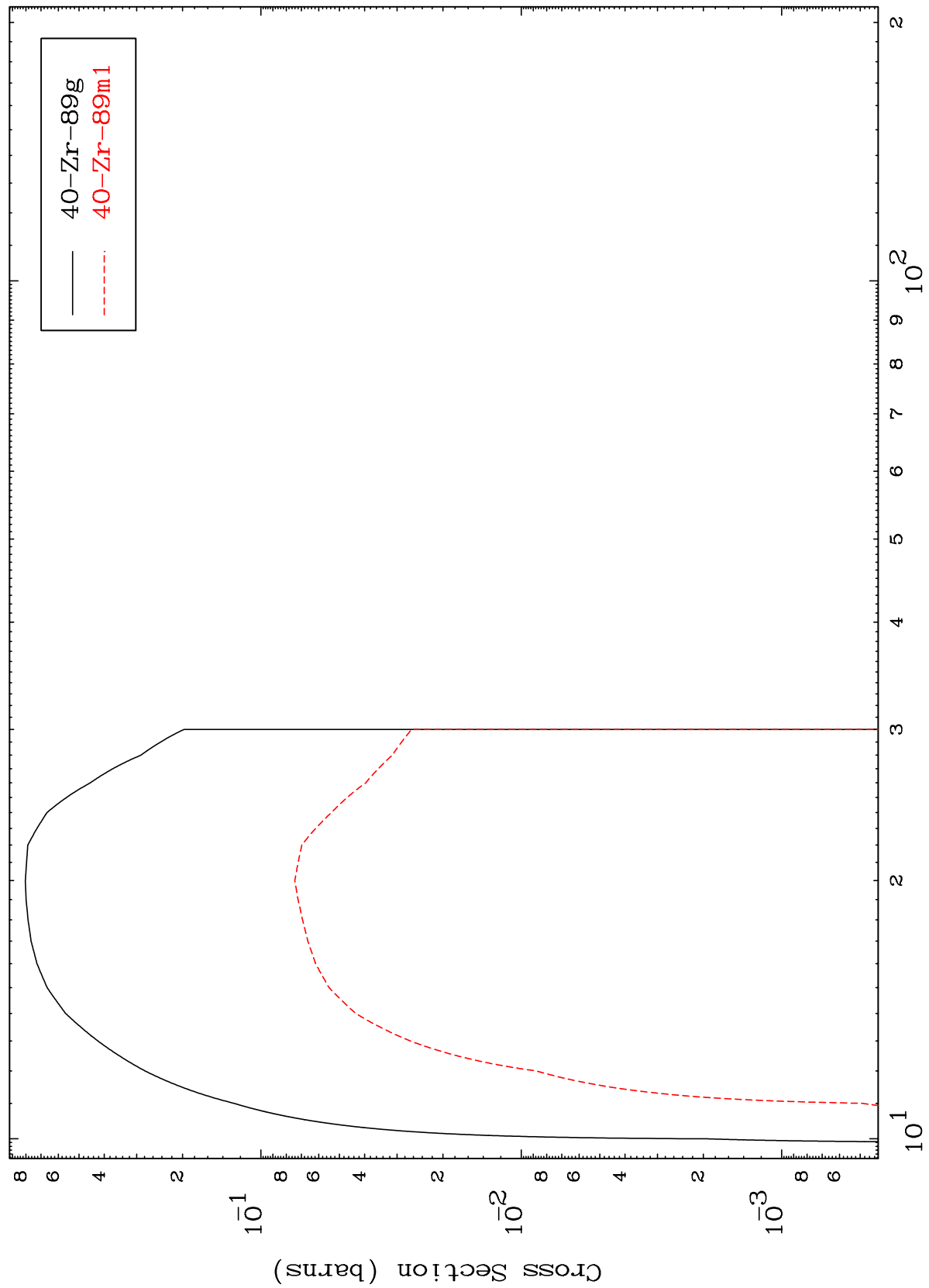
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

(p,2n)
Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1

39-Y -90

Incident Energy (MeV)

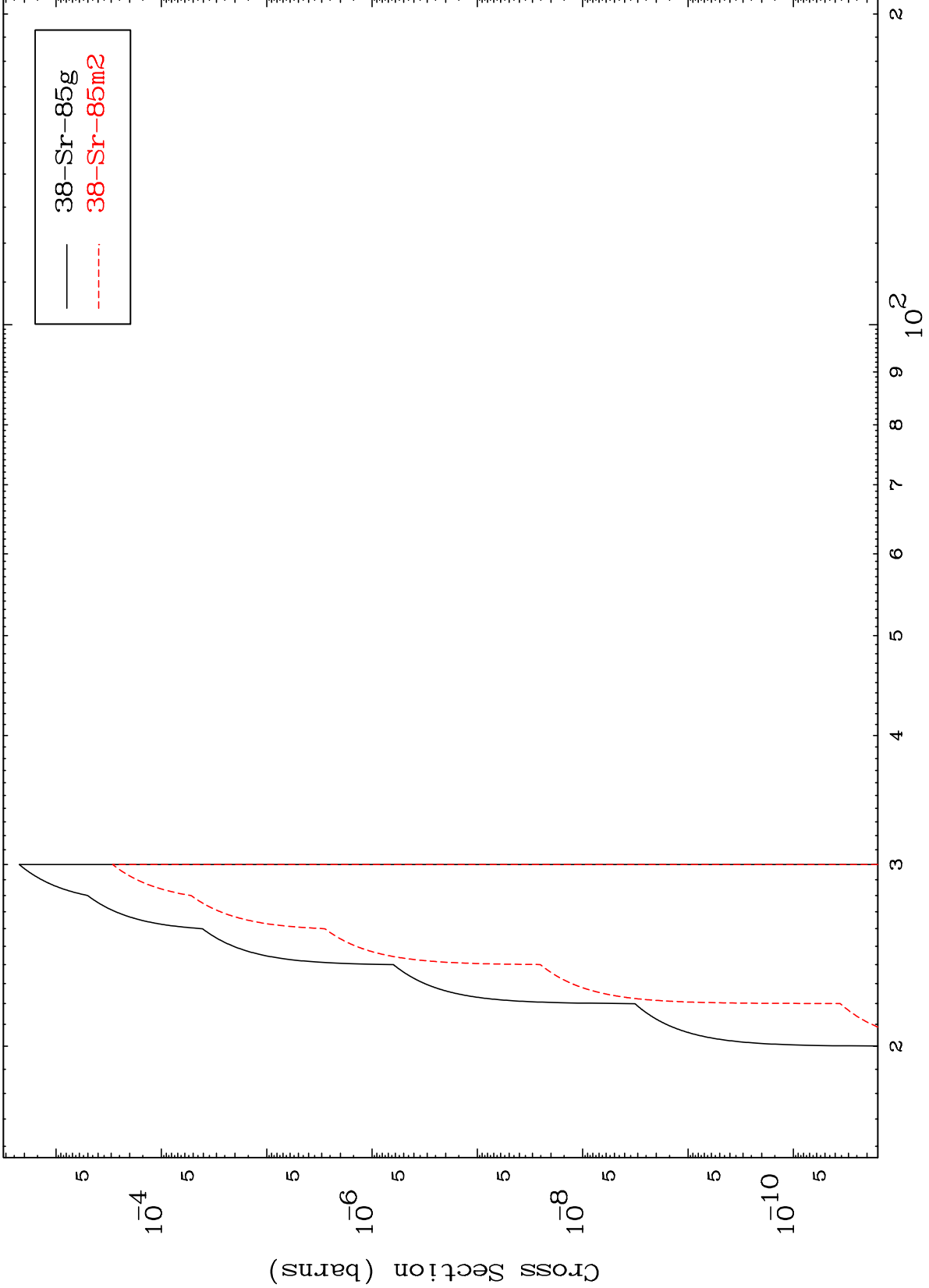
13

MAT 3929

(p,2n) α

39-Y -90

Radionuclide Production Cross Section



14

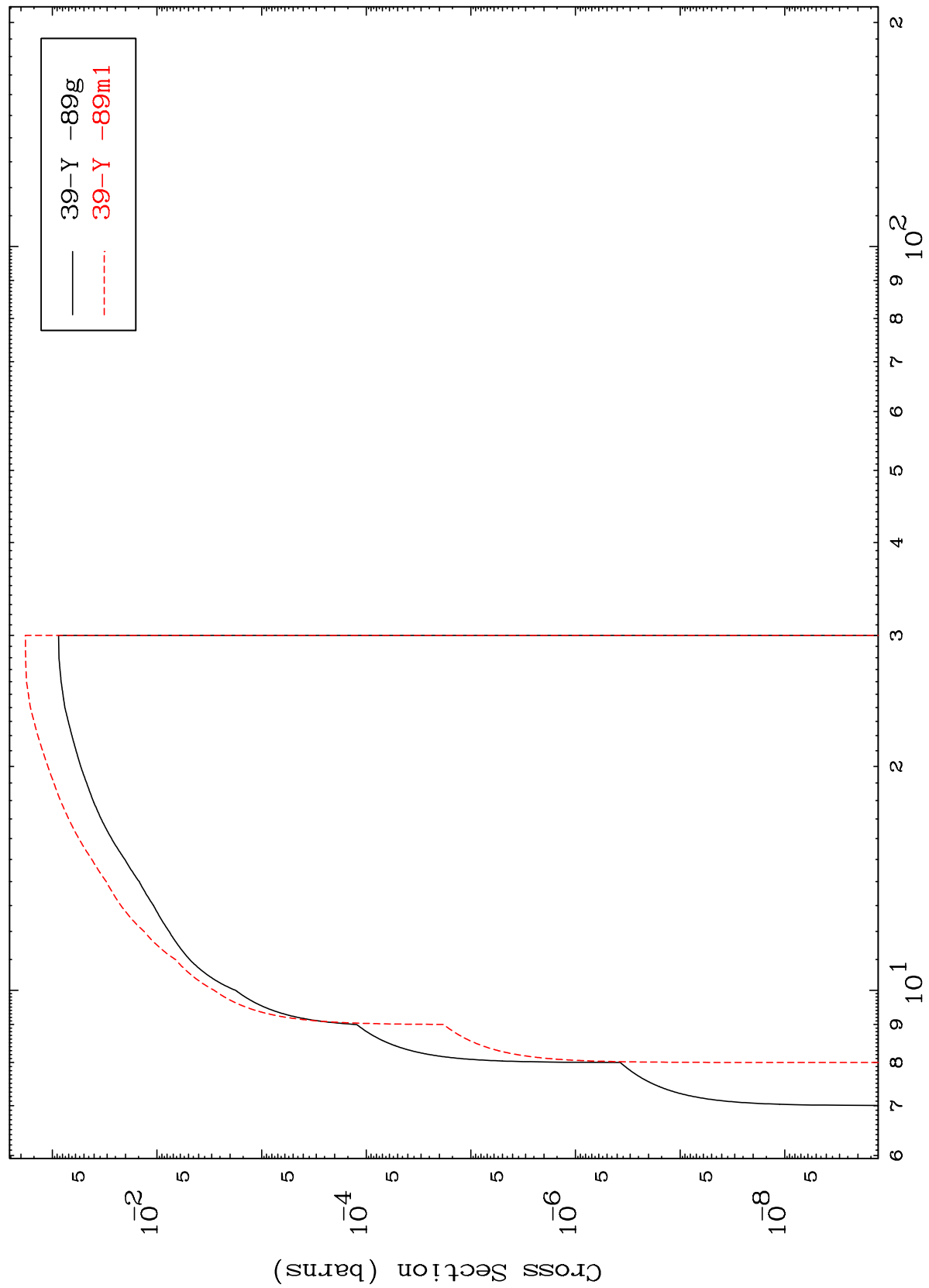
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

(p,n') p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

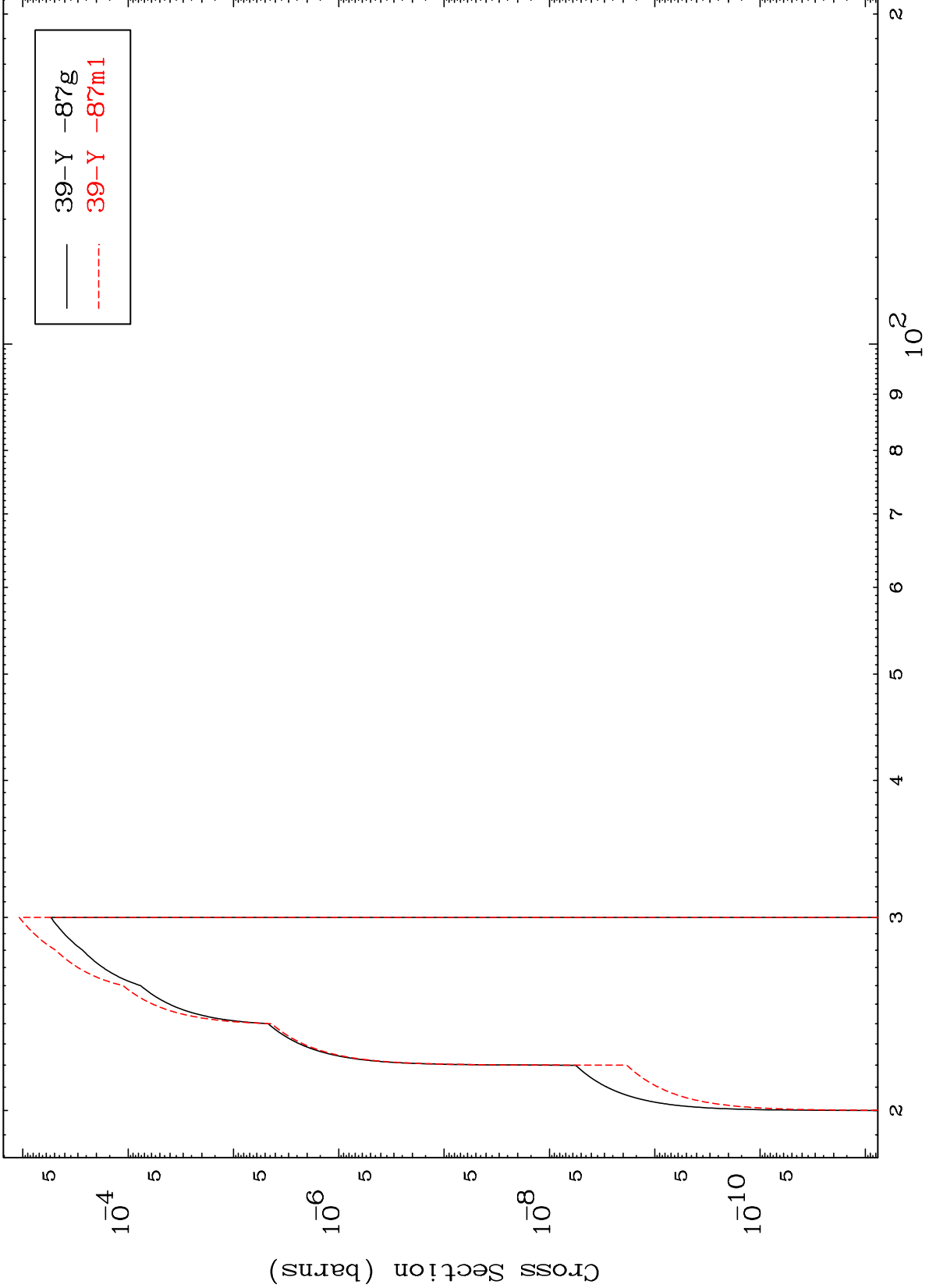
39-Y -90

MAT 3929

(p,n') t

39-Y -90

Radionuclide Production Cross Section

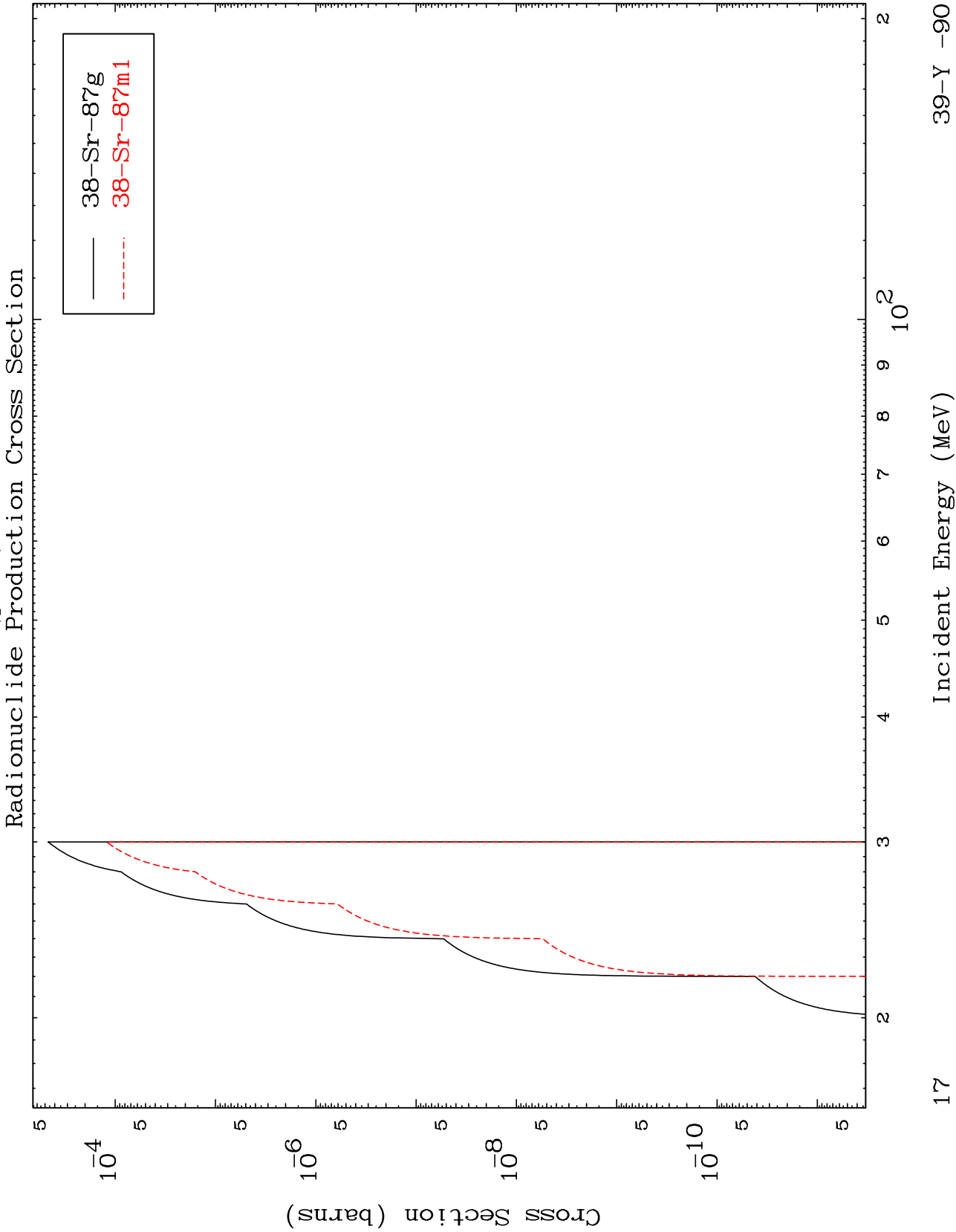


39-Y -87g
39-Y -87m1

16

Incident Energy (MeV)

39-Y -90

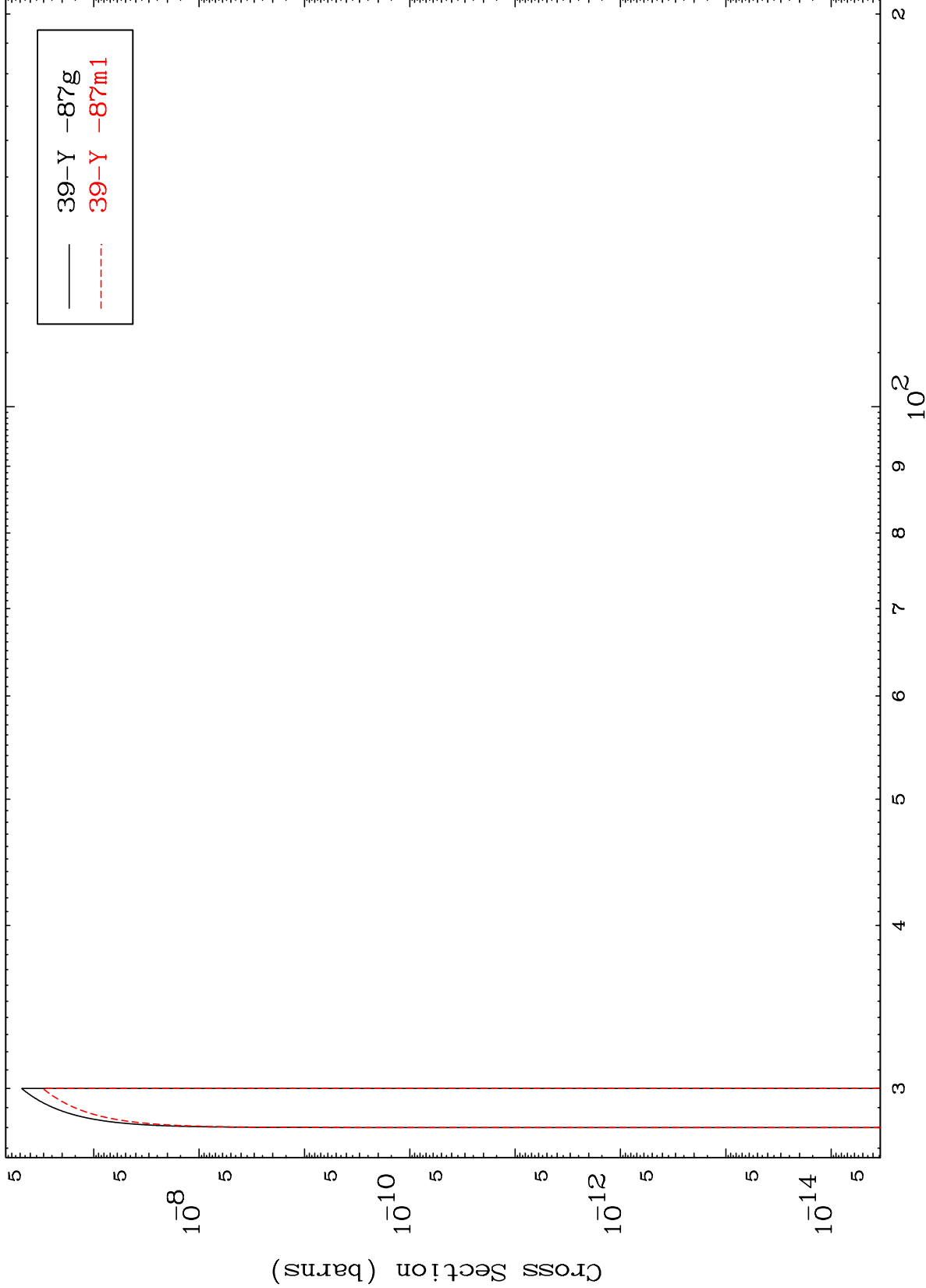


MAT 3929

(p,3n) p

39-Y -90

Radionuclide Production Cross Section



18

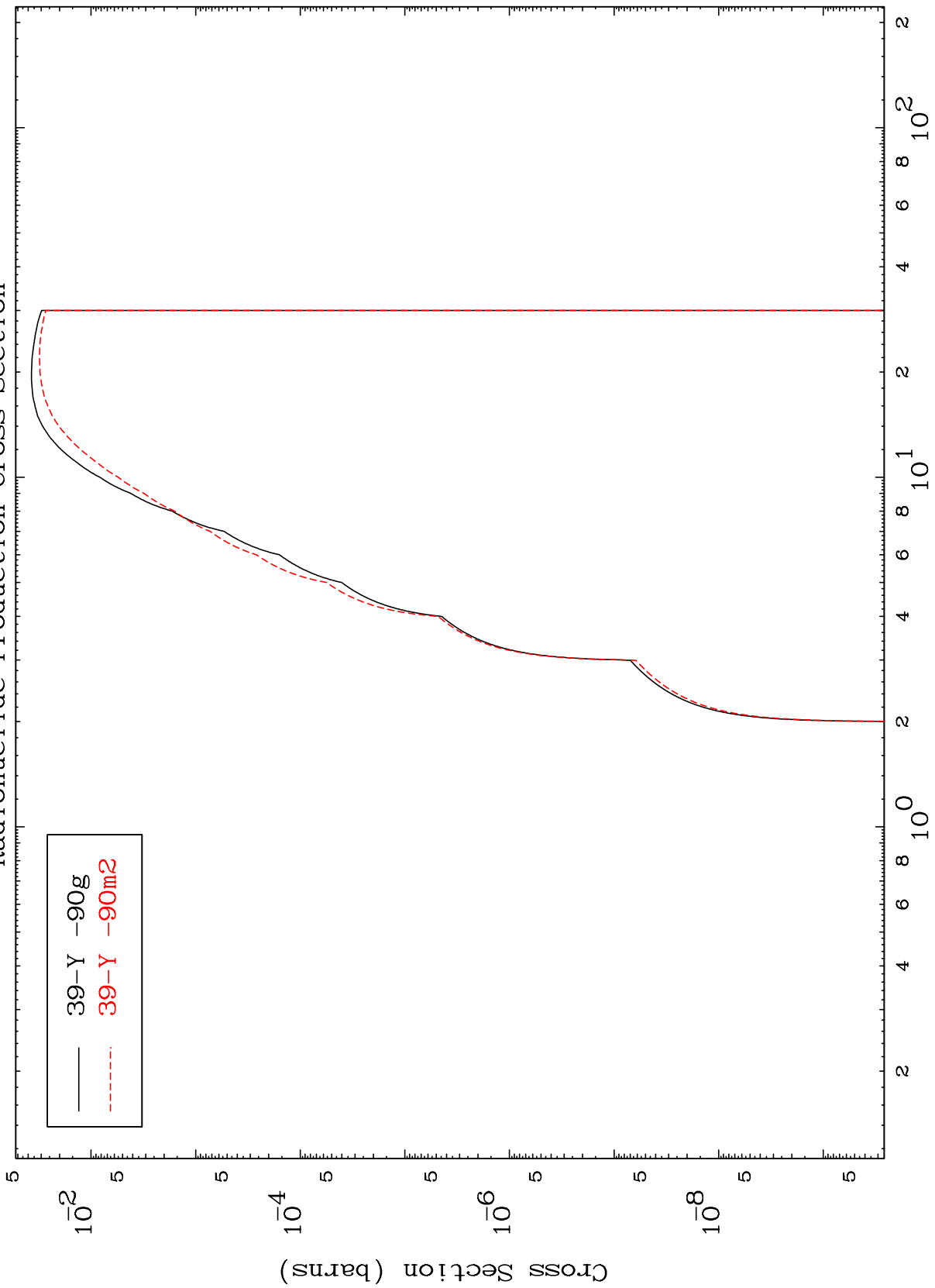
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

(p,p)
Radionuclide Production Cross Section



19

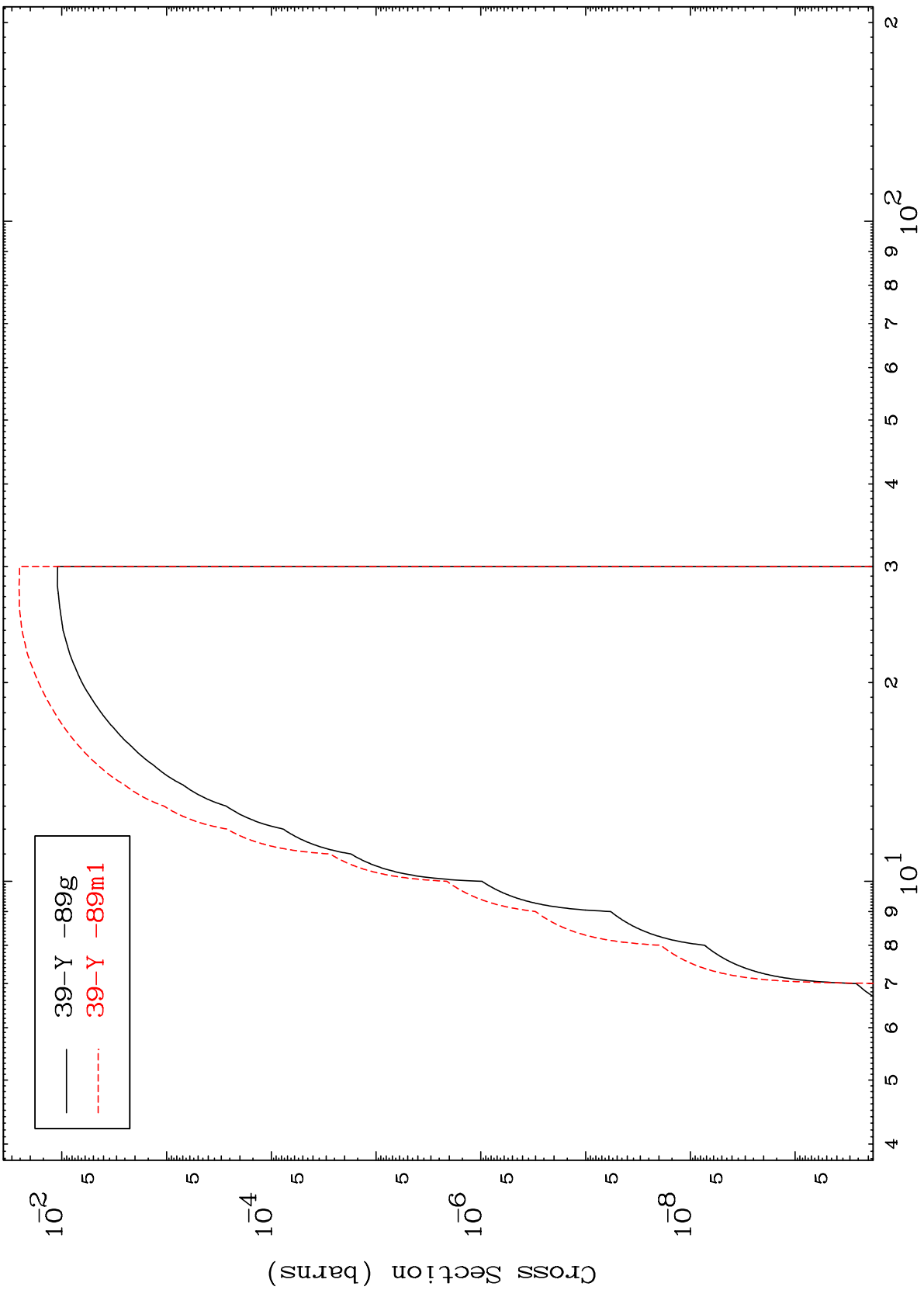
39-Y -90

Incident Energy (MeV)

MAT 3929

39-Y -90

Radionuclide Production Cross Section (p,d)



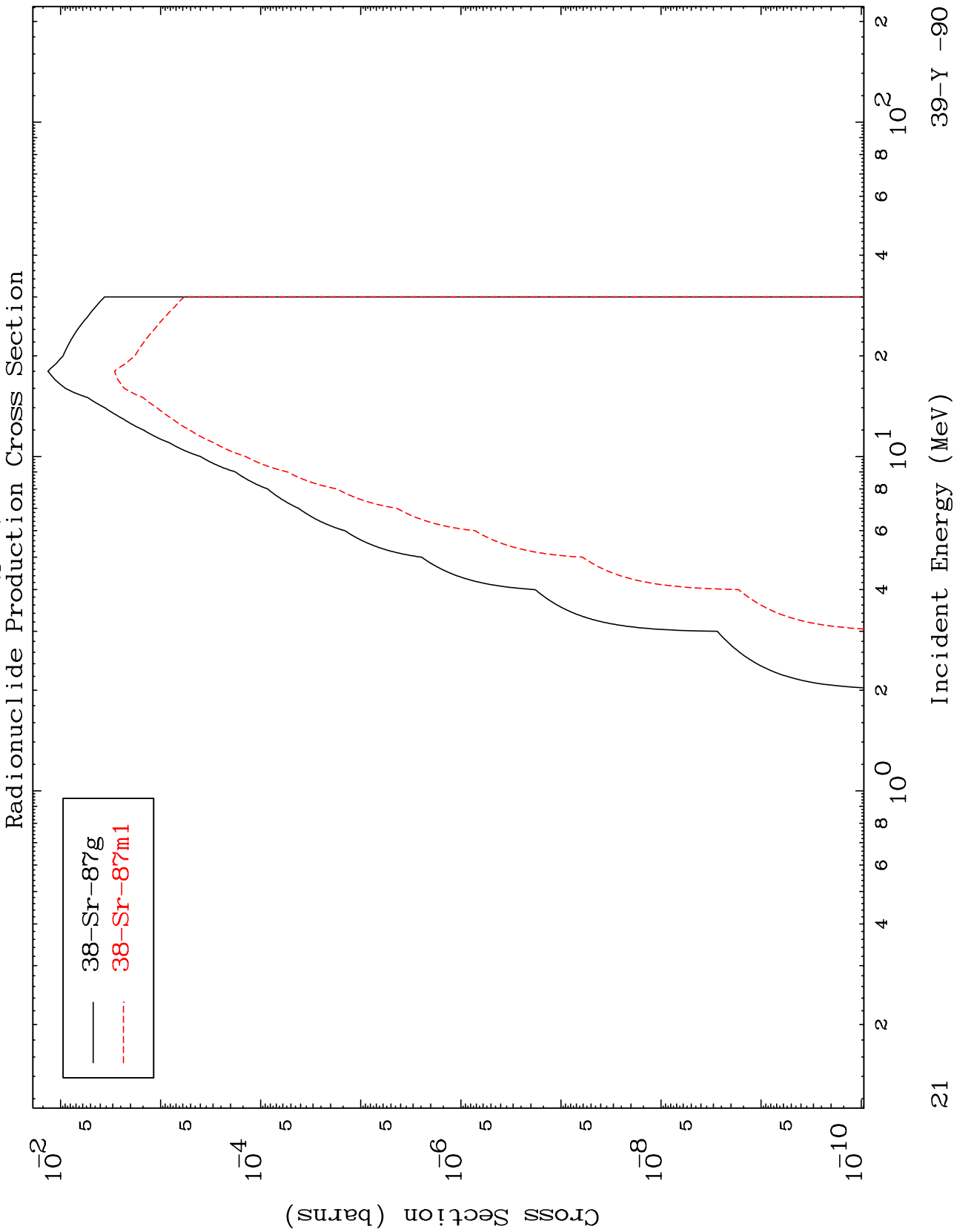
20

Incident Energy (MeV)

39-Y -90

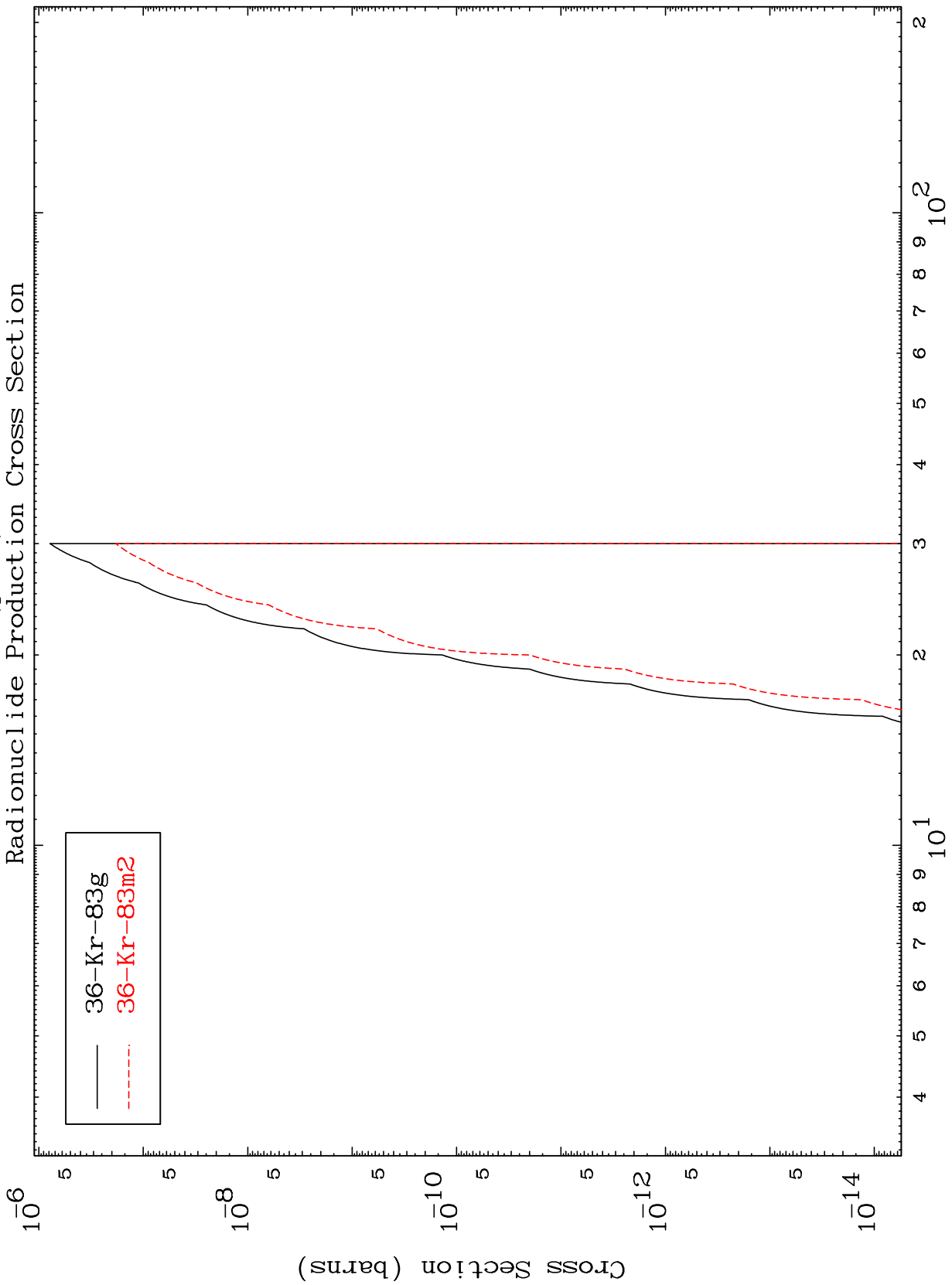
MAT 3929

39-Y -90



MAT 3929

39-Y -90



22

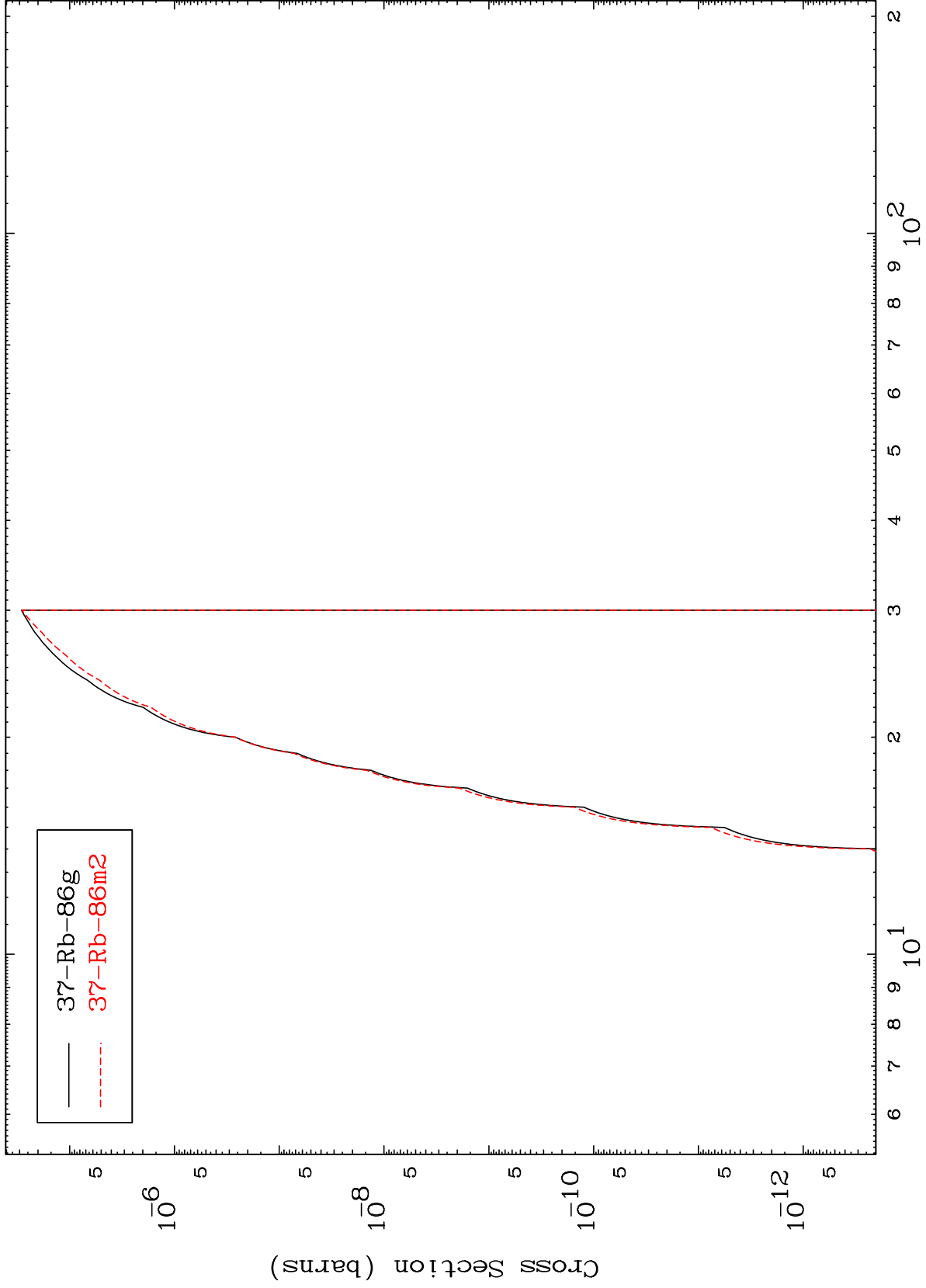
39-Y -90

MAT 3929

(p,p) α

39-Y -90

Radionuclide Production Cross Section



— 37-Rb-86g
- - - 37-Rb-86m2

23

Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section

