

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

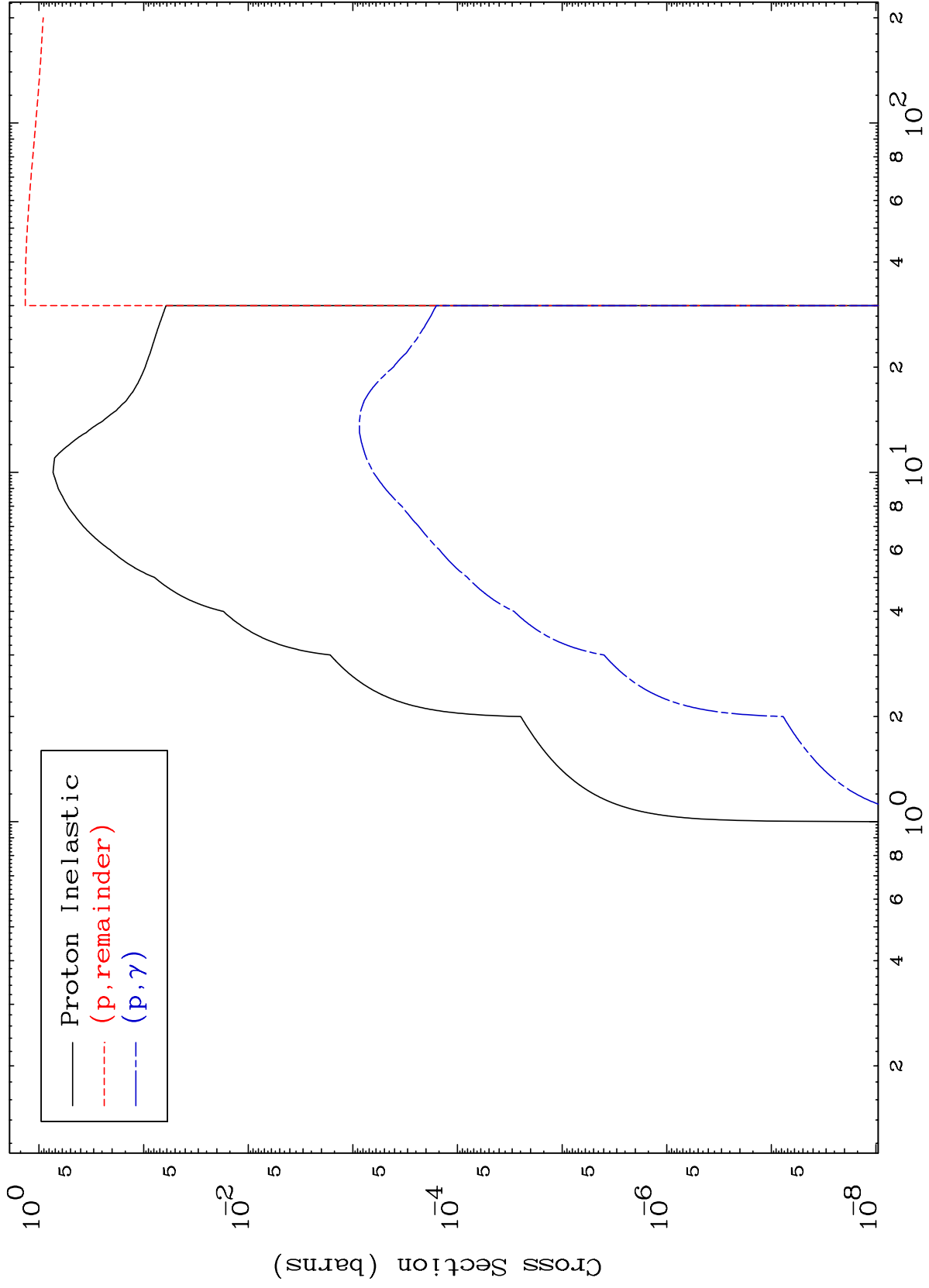
Dermott E. Cullen
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Livermore, CA 94550
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Tele: 925-443-1911

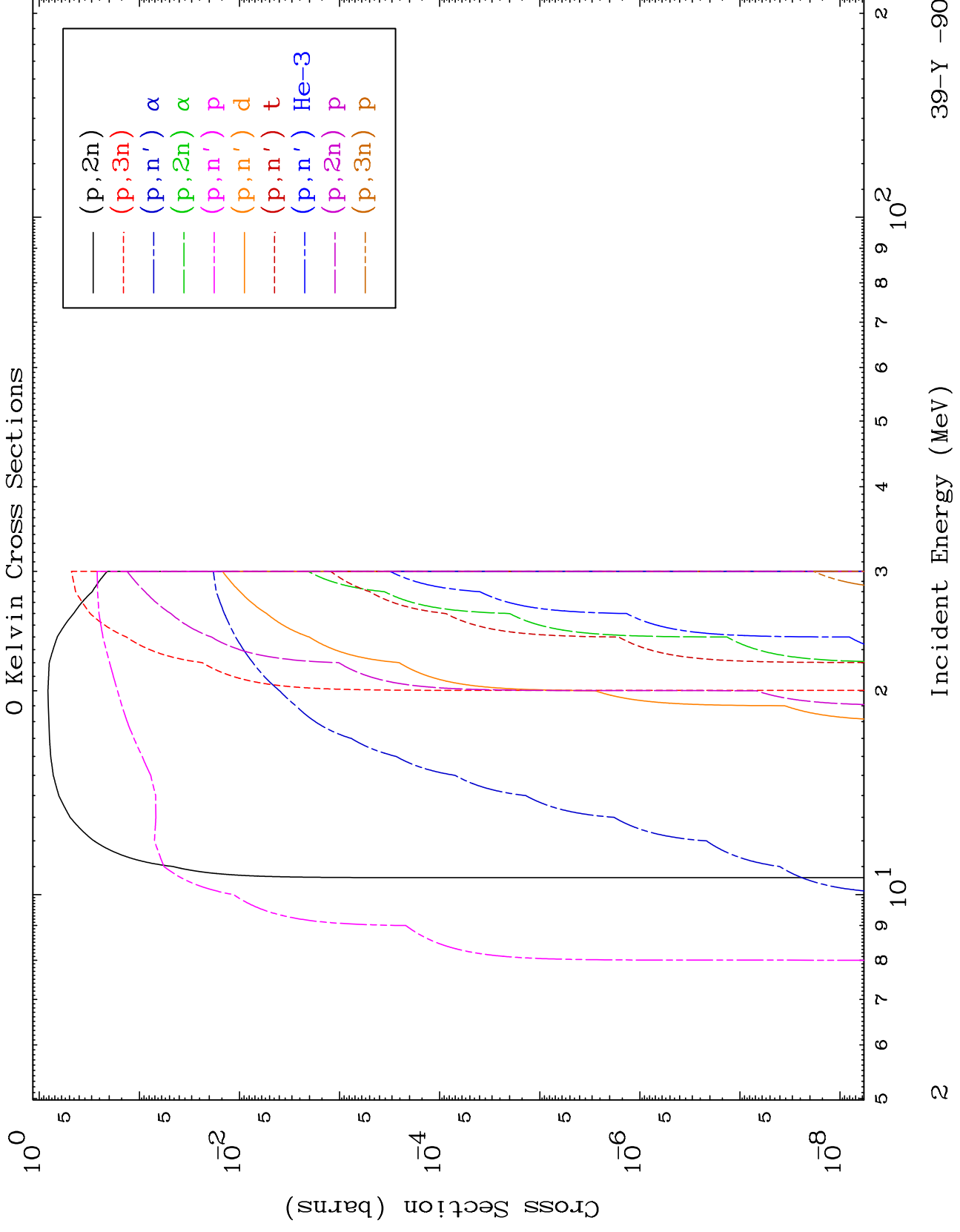
E.Mail:redcullen1@comcast.net

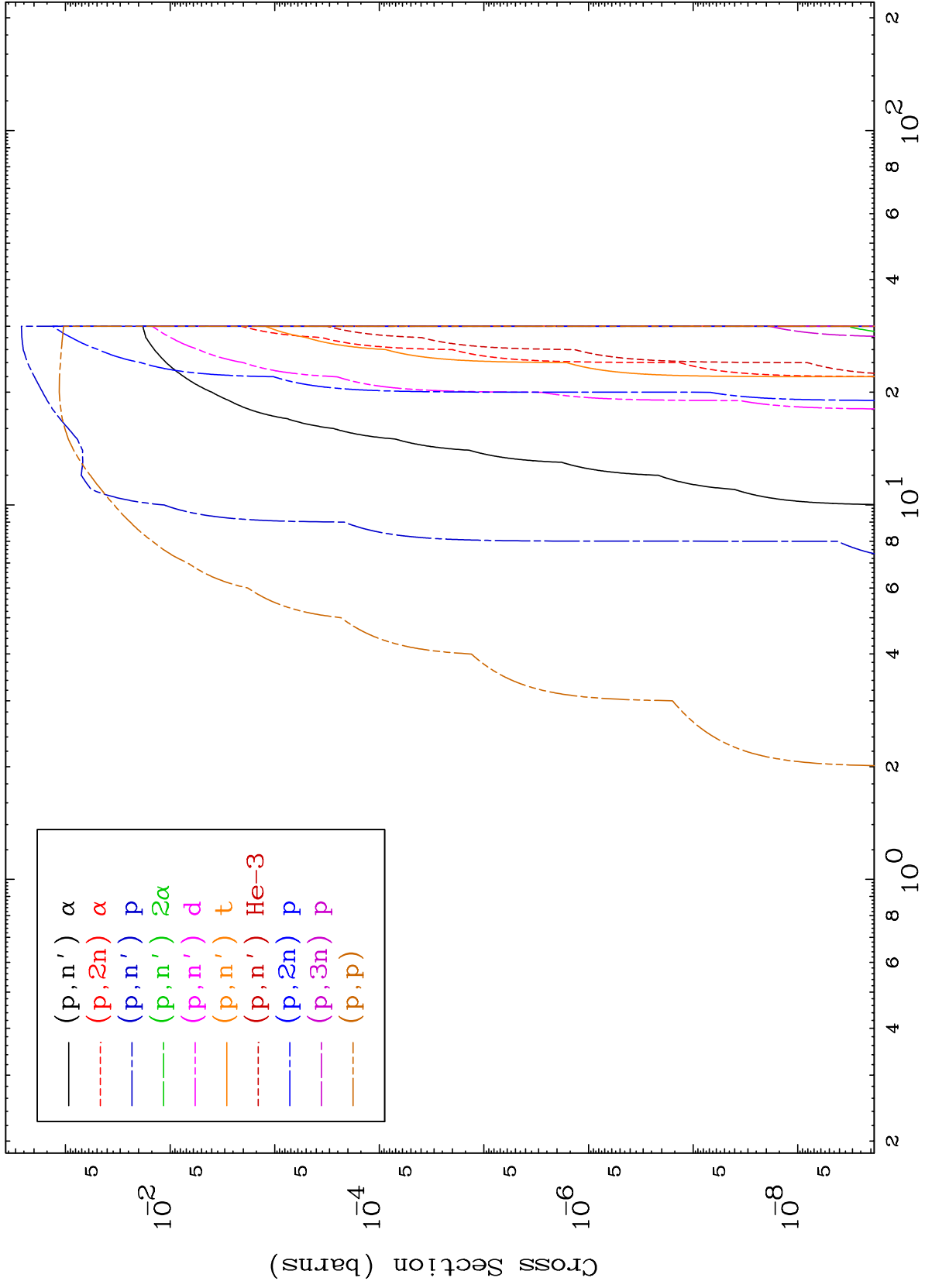
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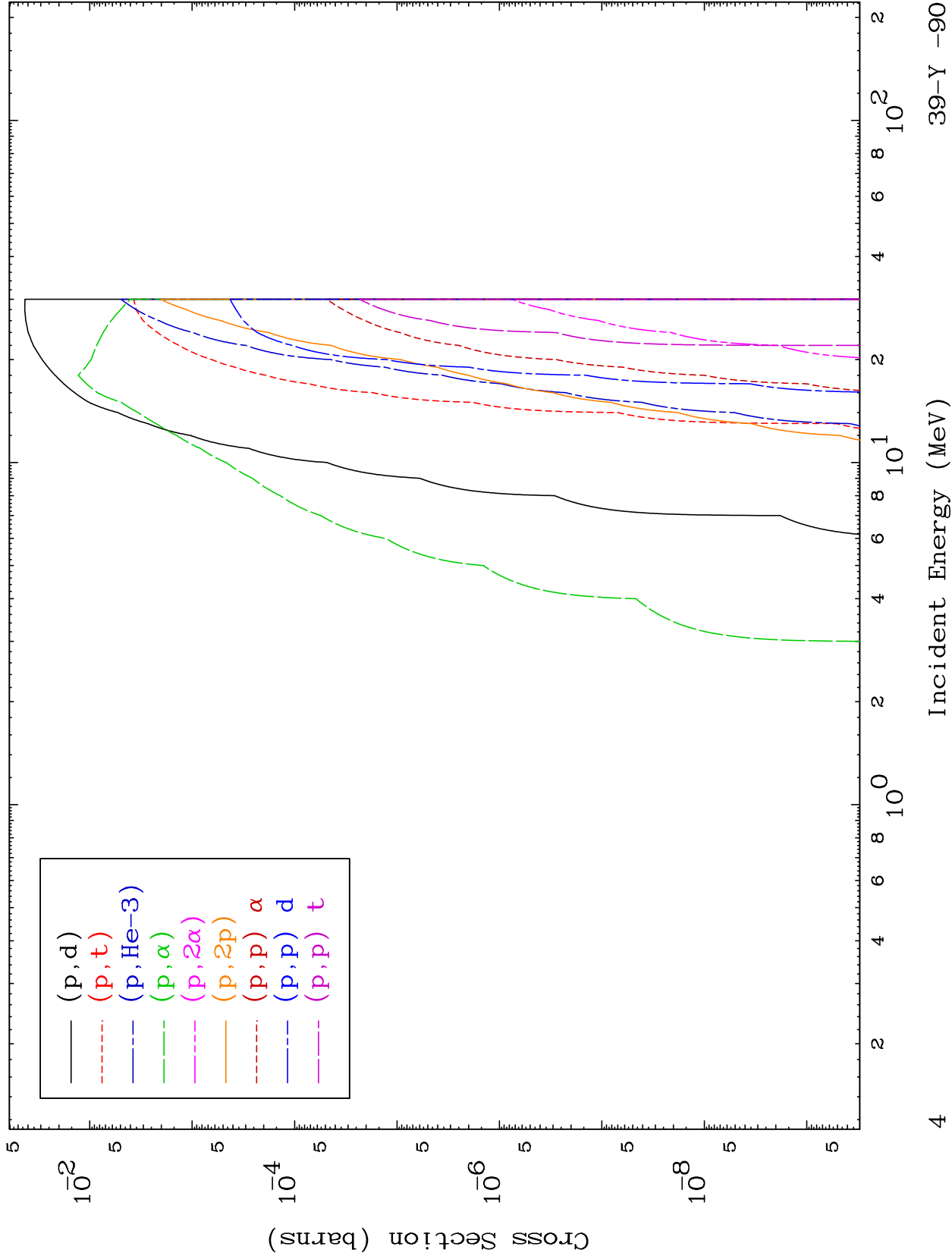
Press Mouse Button to Start



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



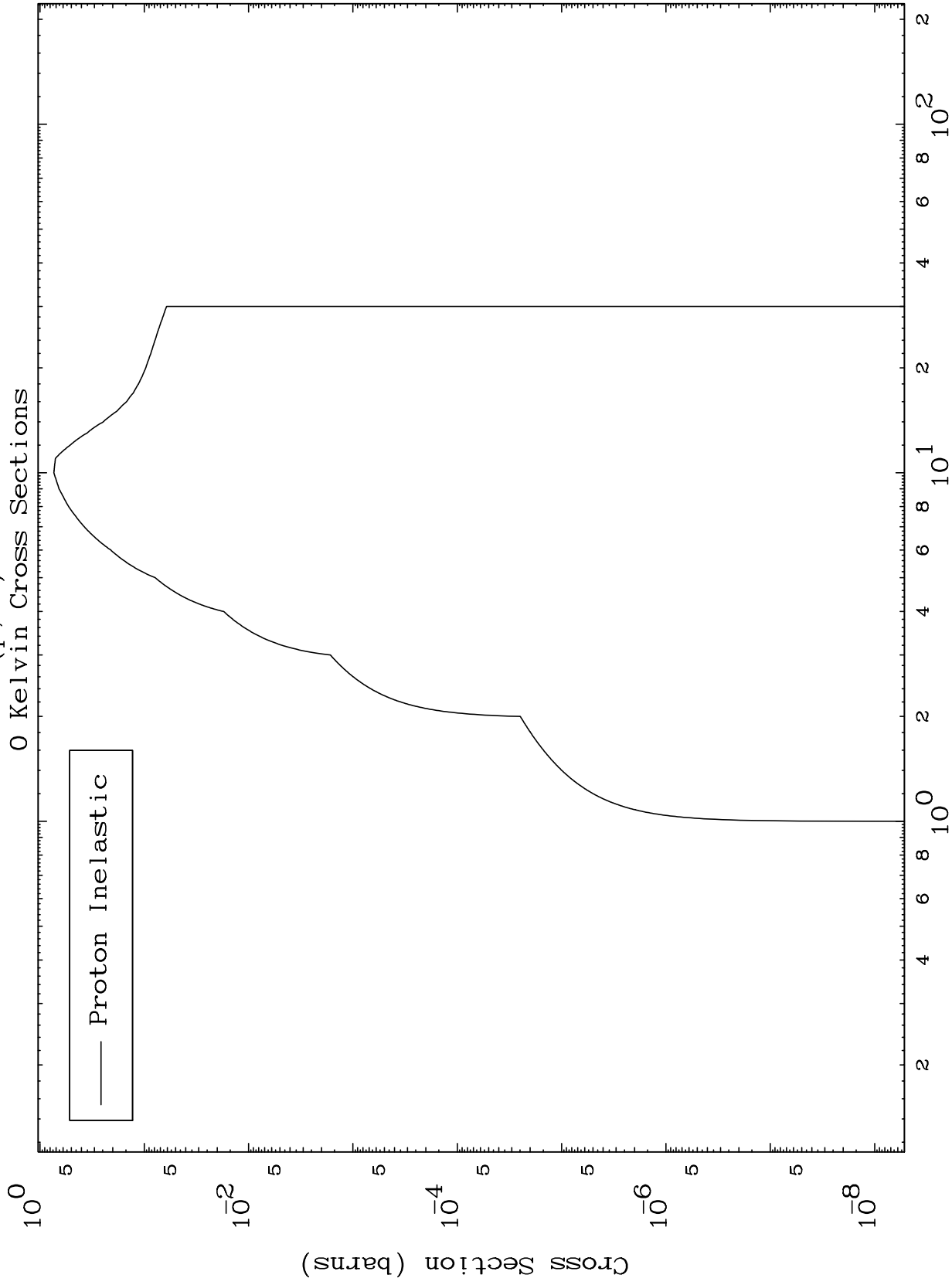




MAT 3928

(p,n') Level

39-Y -90



5

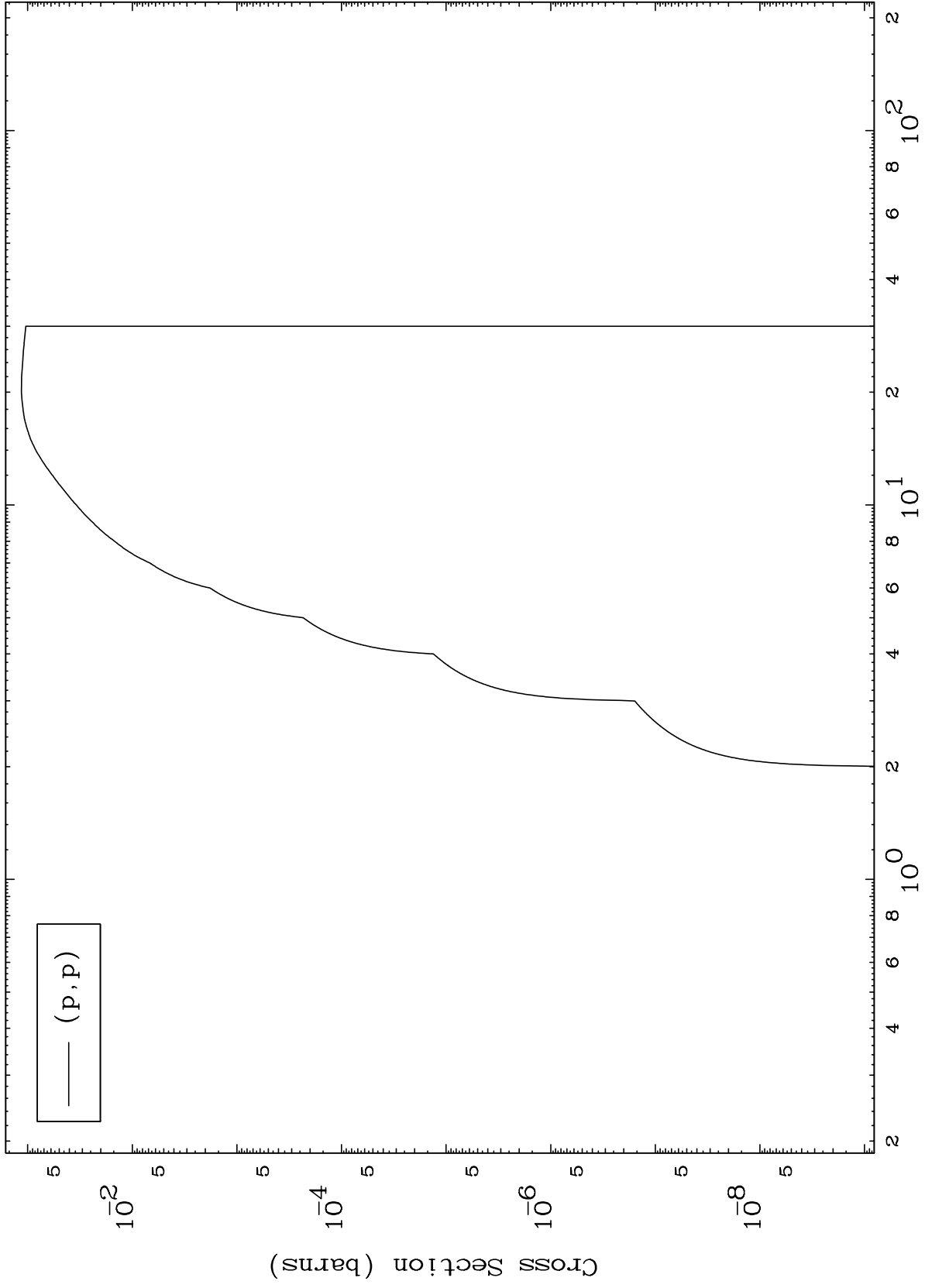
Incident Energy (MeV)

39-Y -90

MAT 3928

(p,p) Levels
0 Kelvin Cross Sections

39-Y -90



39-Y -90

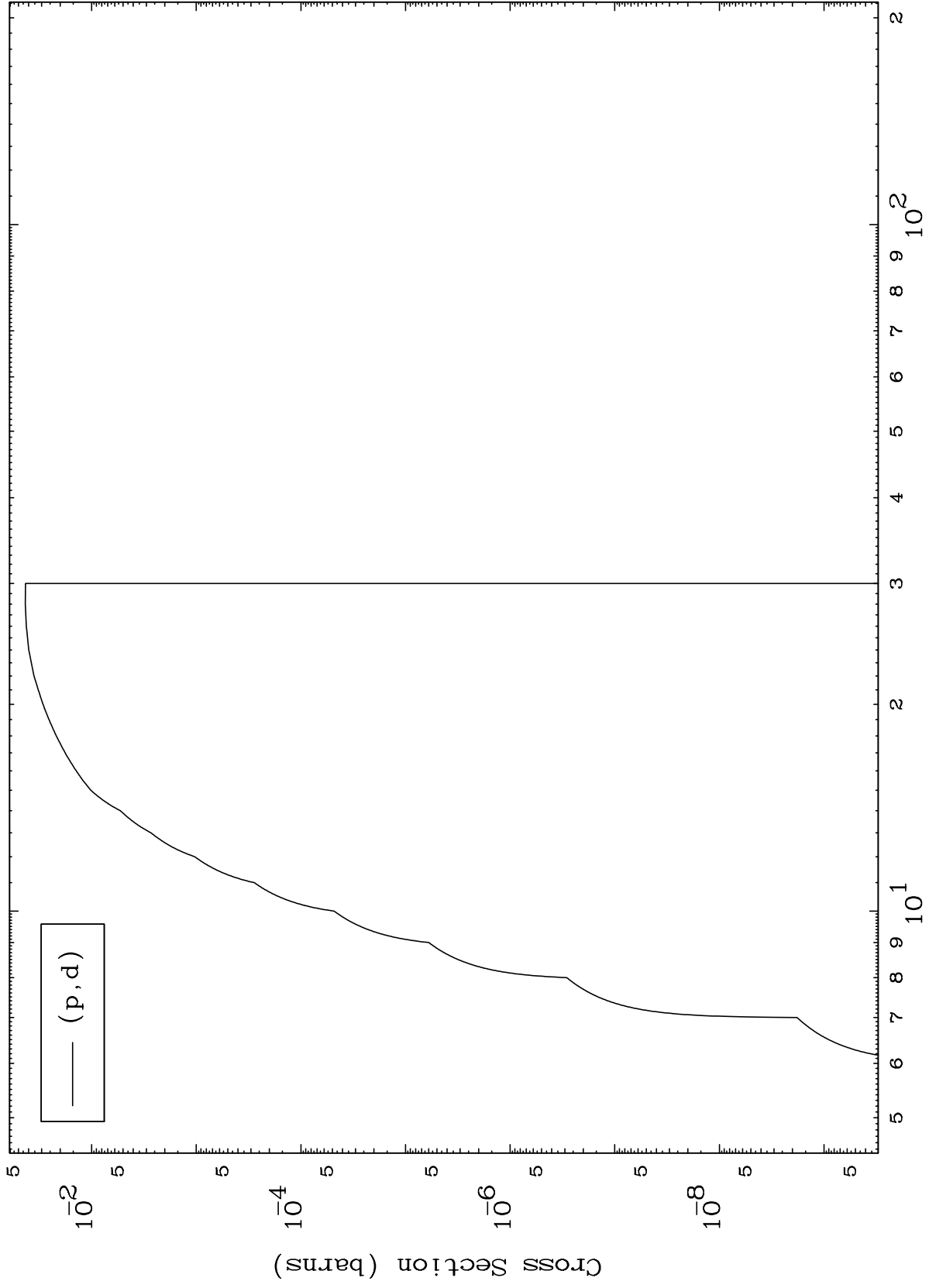
Incident Energy (MeV)

6

MAT 3928

(p,d) Levels
0 Kelvin Cross Sections

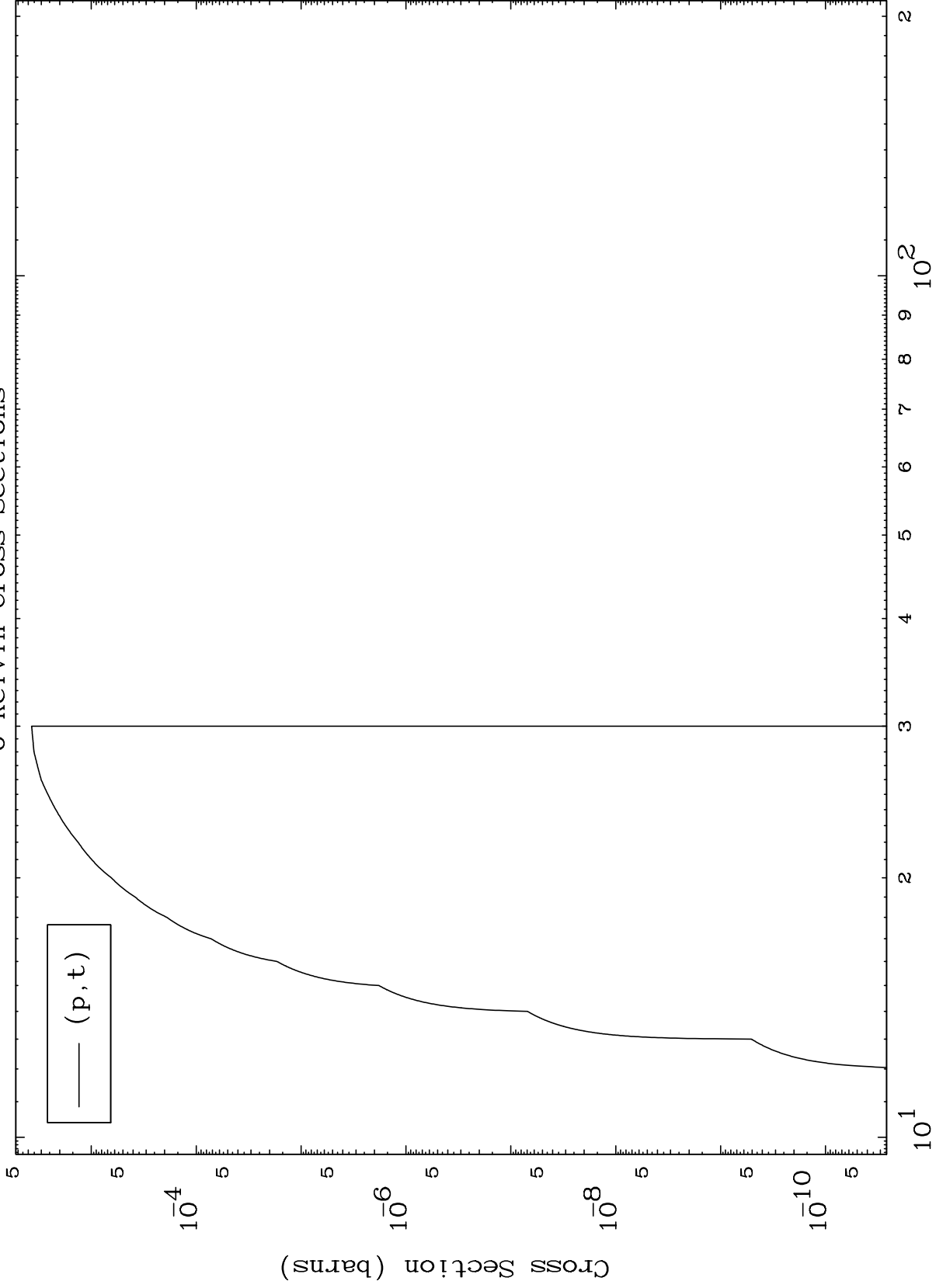
39-Y -90



MAT 3928

(p,t) Levels
0 Kelvin Cross Sections

39-Y -90



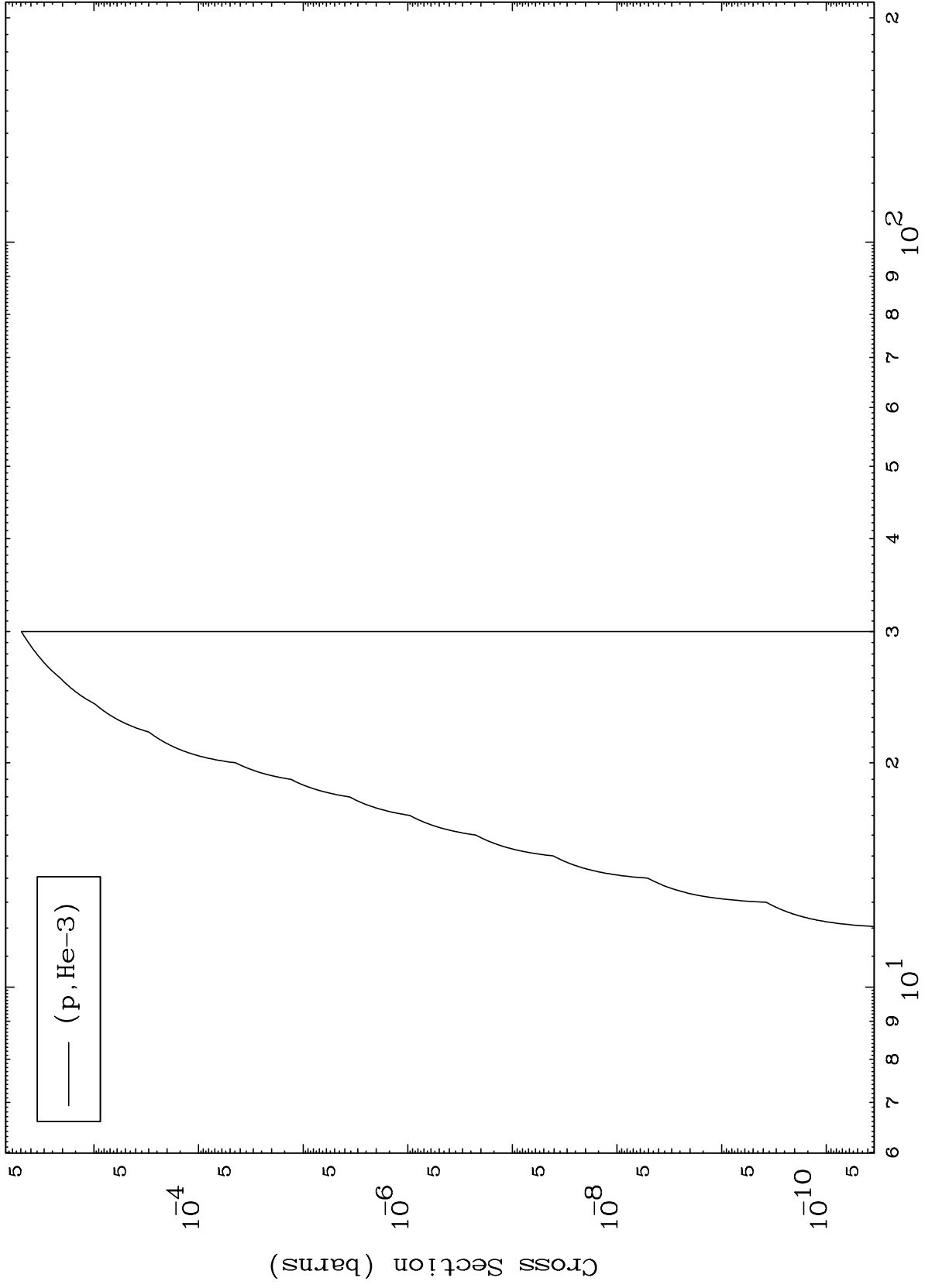
Incident Energy (MeV)

39-Y -90

MAT 3928

(p,He3) Levels
0 Kelvin Cross Sections

39-Y -90



9

Incident Energy (MeV)

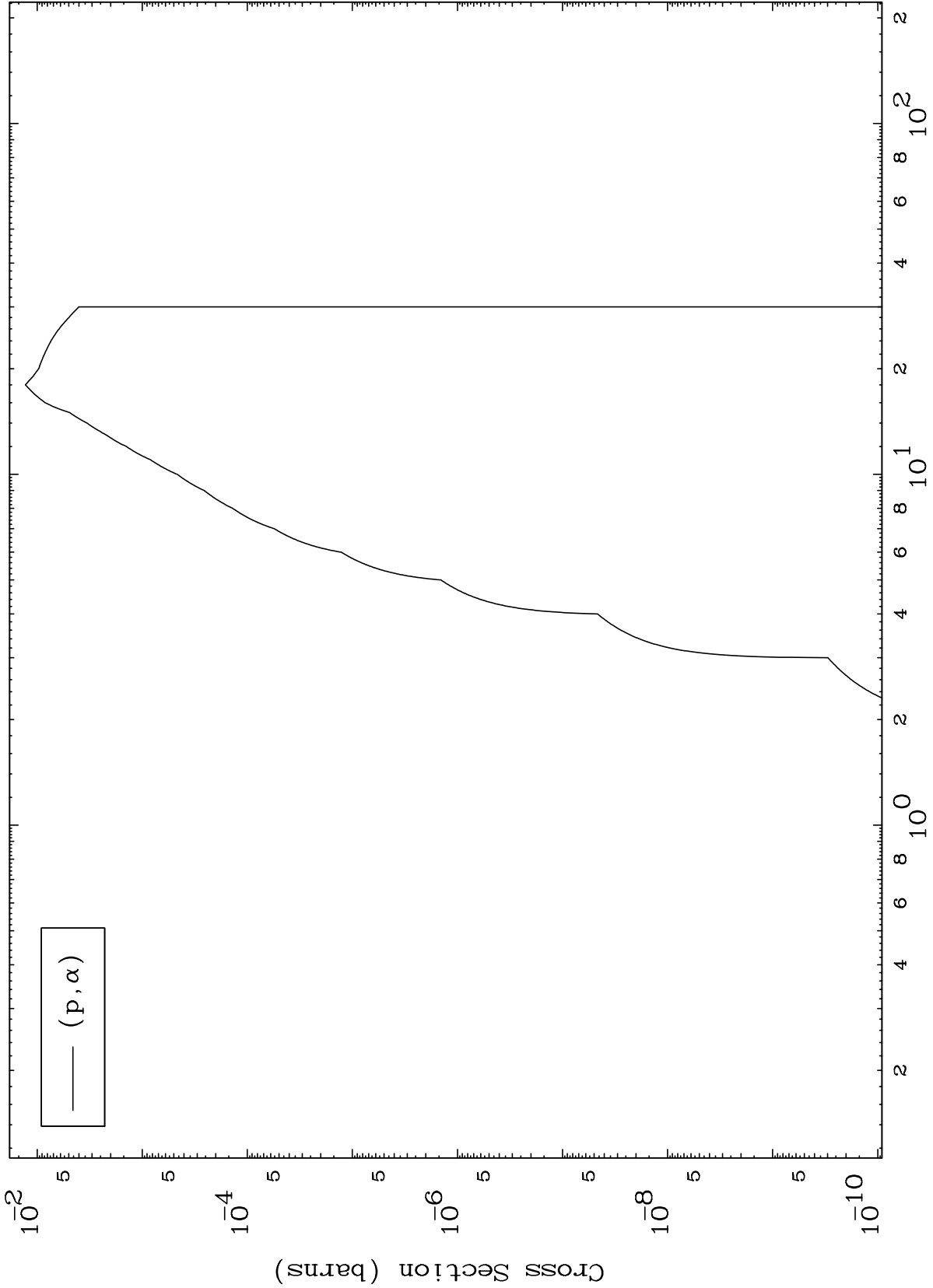
39-Y -90

MAT 3928

(p, α) Levels

39-Y -90

0 Kelvin Cross Sections



10

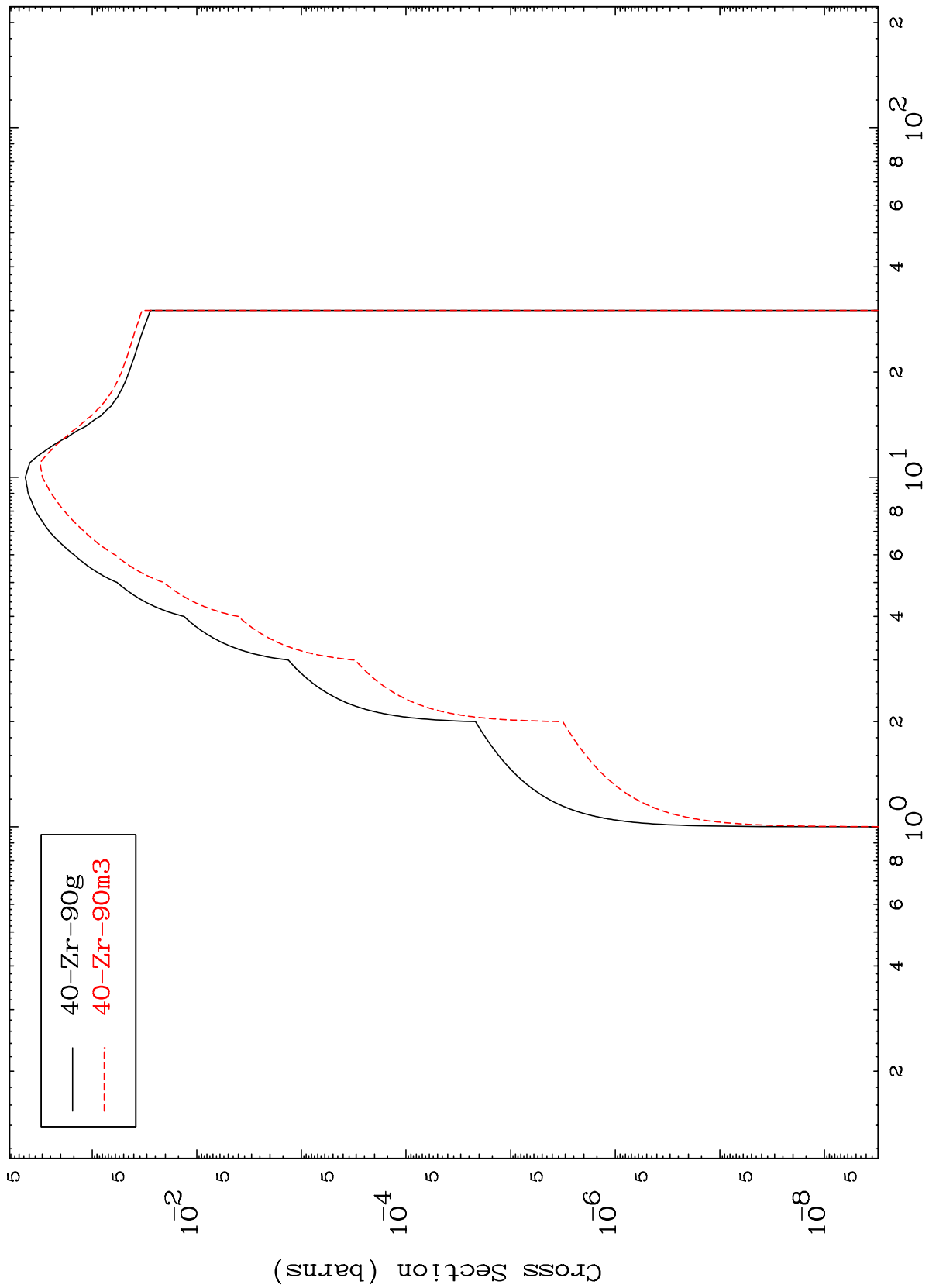
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

Proton Inelastic
Radionuclide Production Cross Section



39-Y -90

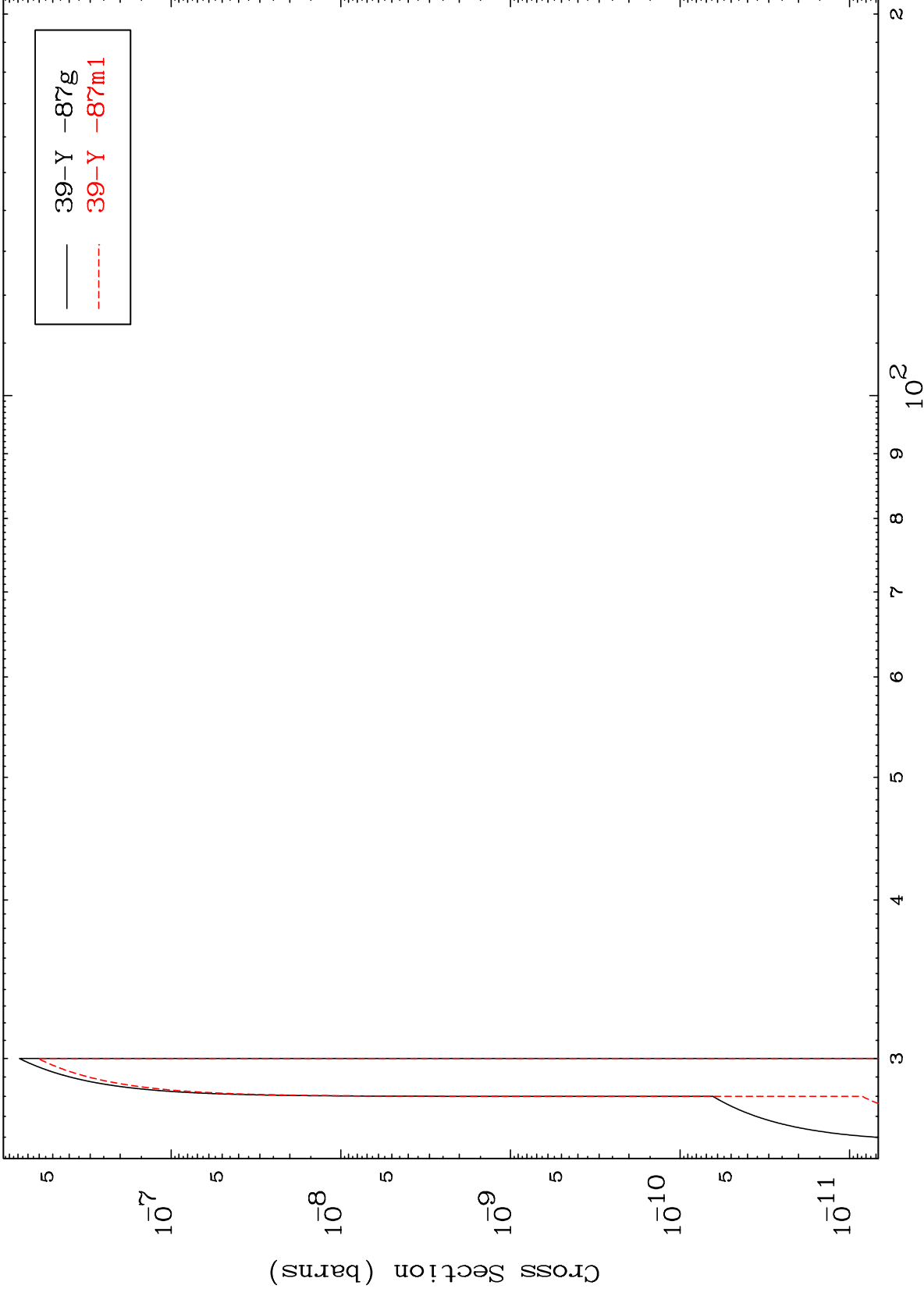
Incident Energy (MeV)

MAT 3928

(p,2n) d

39-Y -90

Radionuclide Production Cross Section



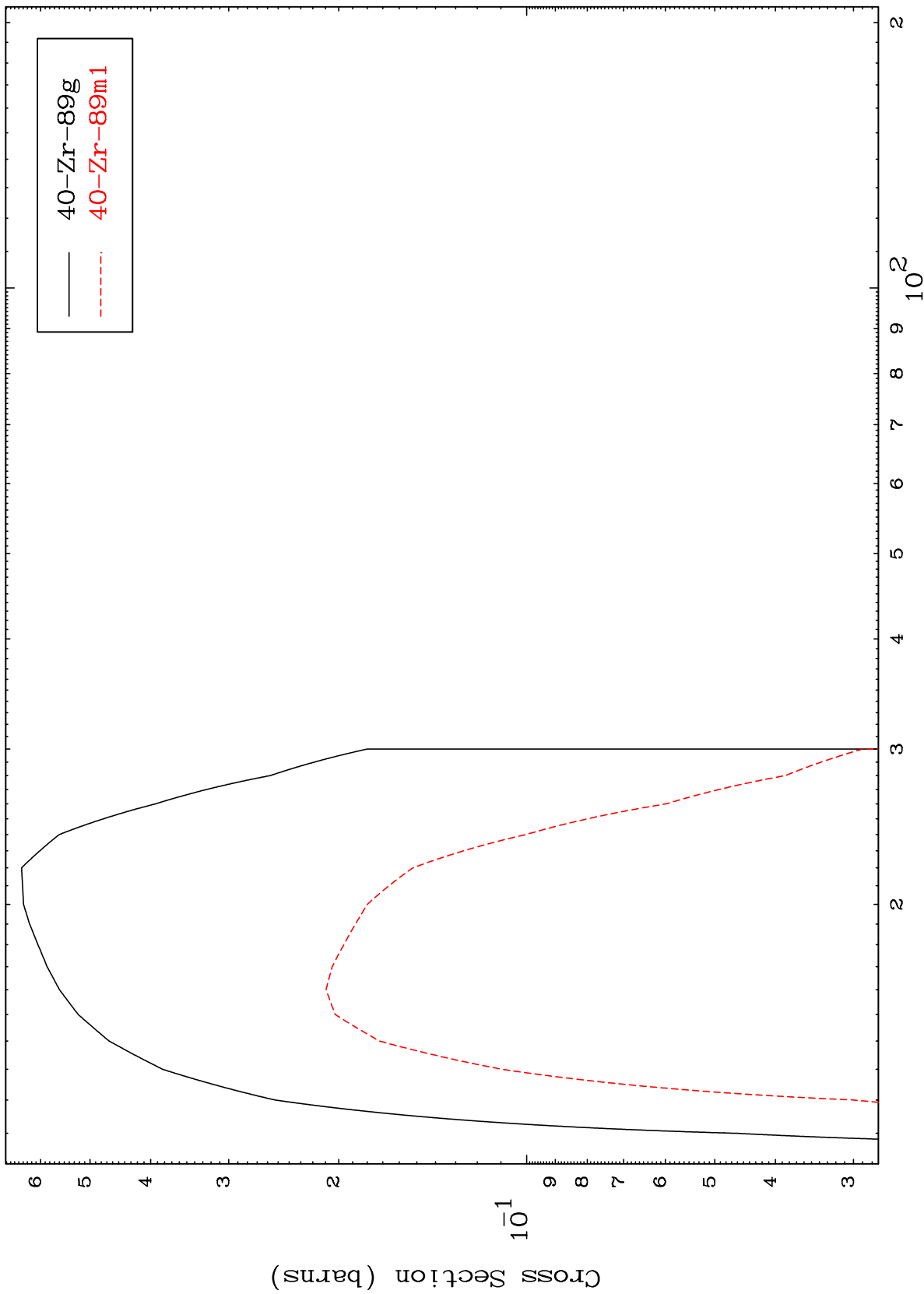
39-Y -87g
39-Y -87m1

12

Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section
(p,2n)

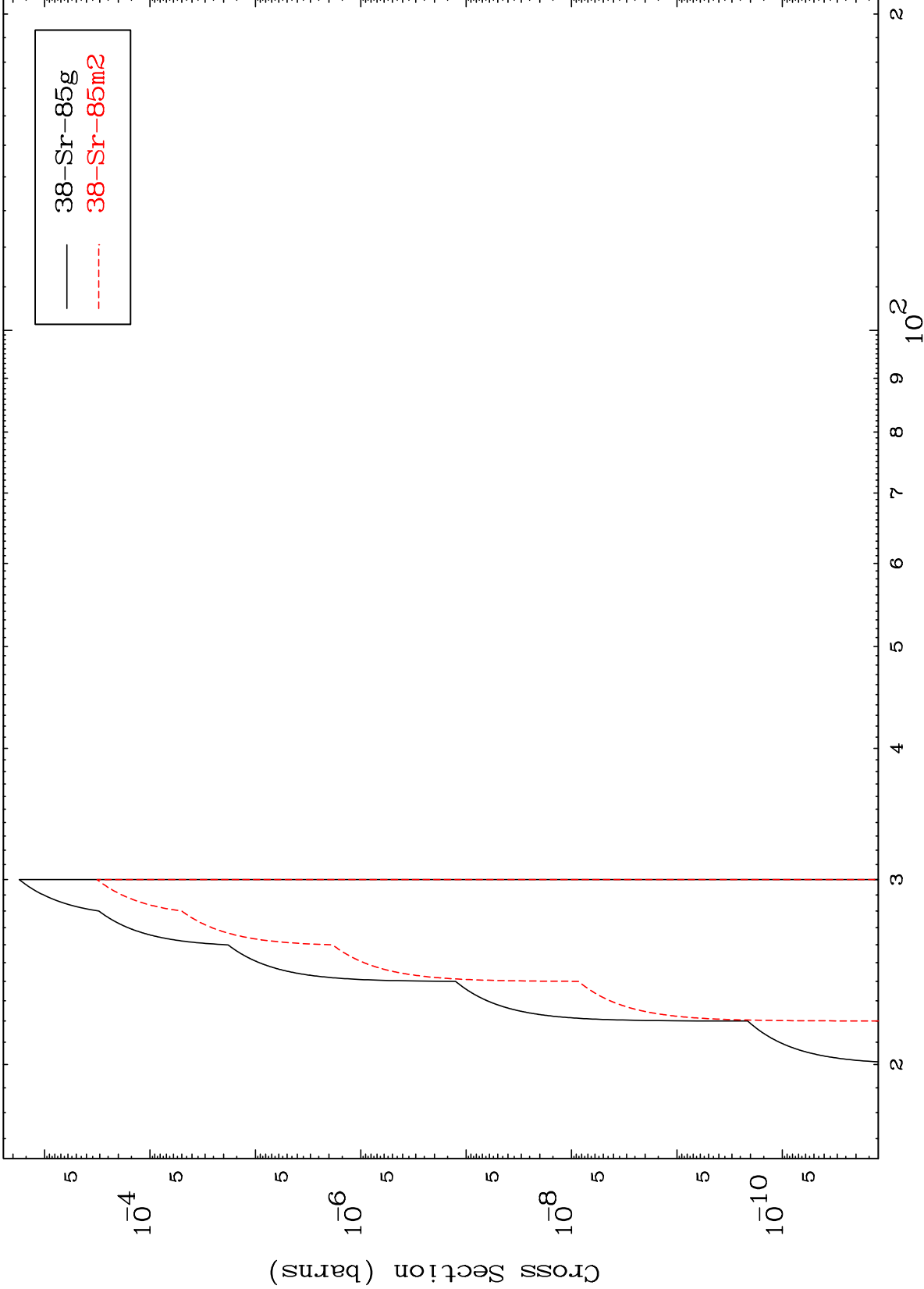


MAT 3928

(p,2n) α

39-Y -90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

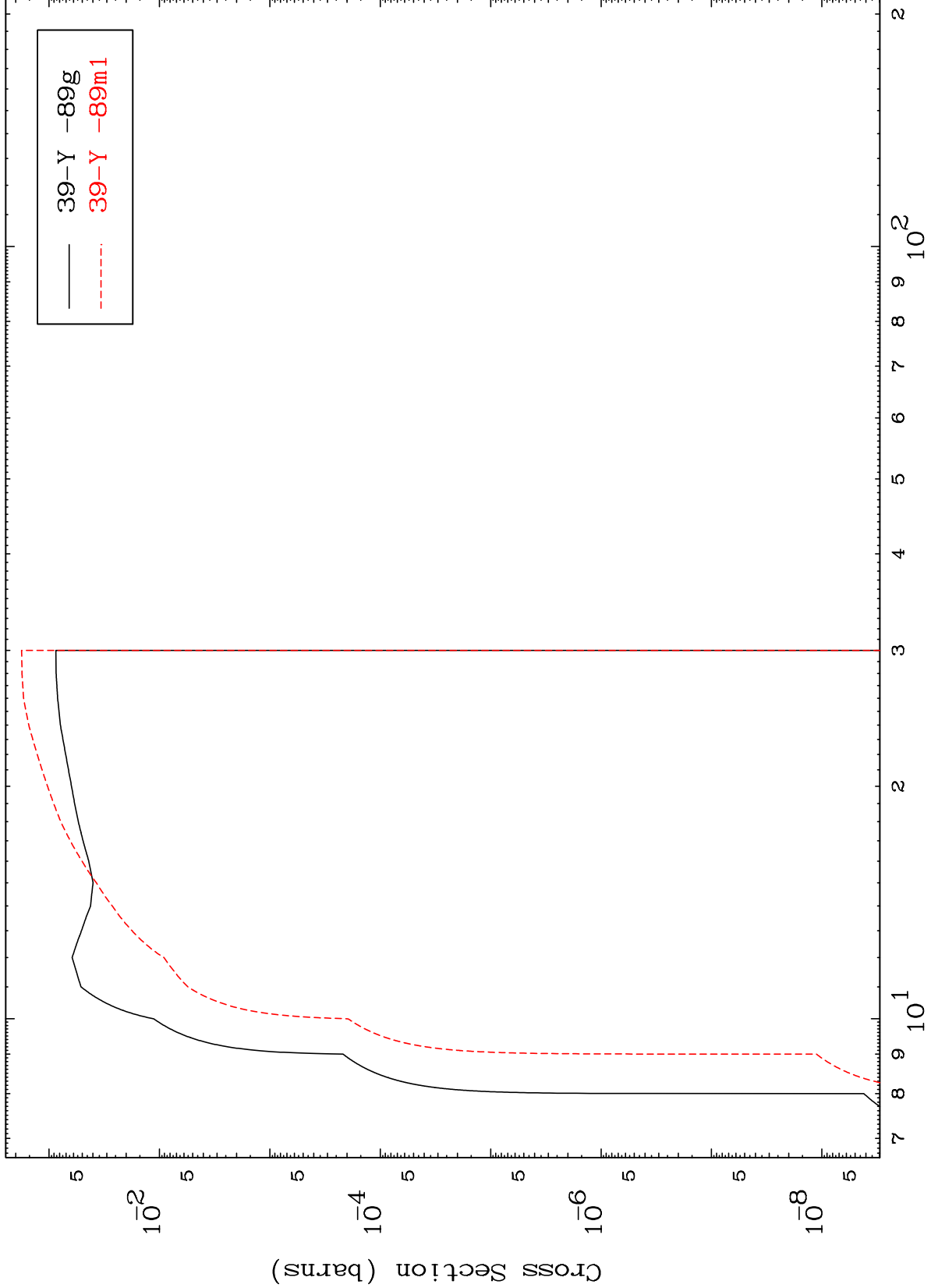
39-Y -90

MAT 3928

(p,n') p

39-Y -90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

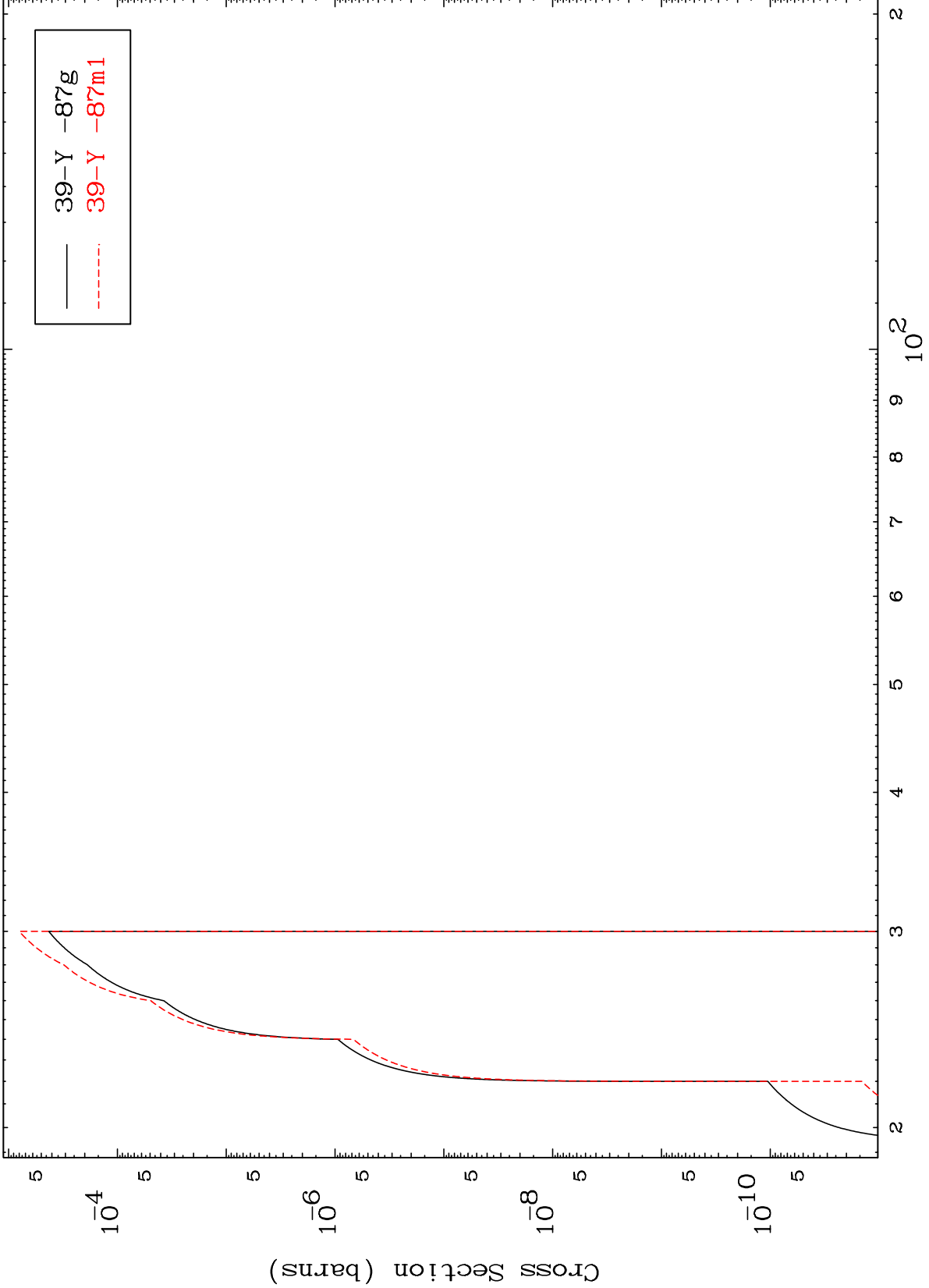
39-Y -90

MAT 3928

(p,n') t

39-Y -90

Radionuclide Production Cross Section

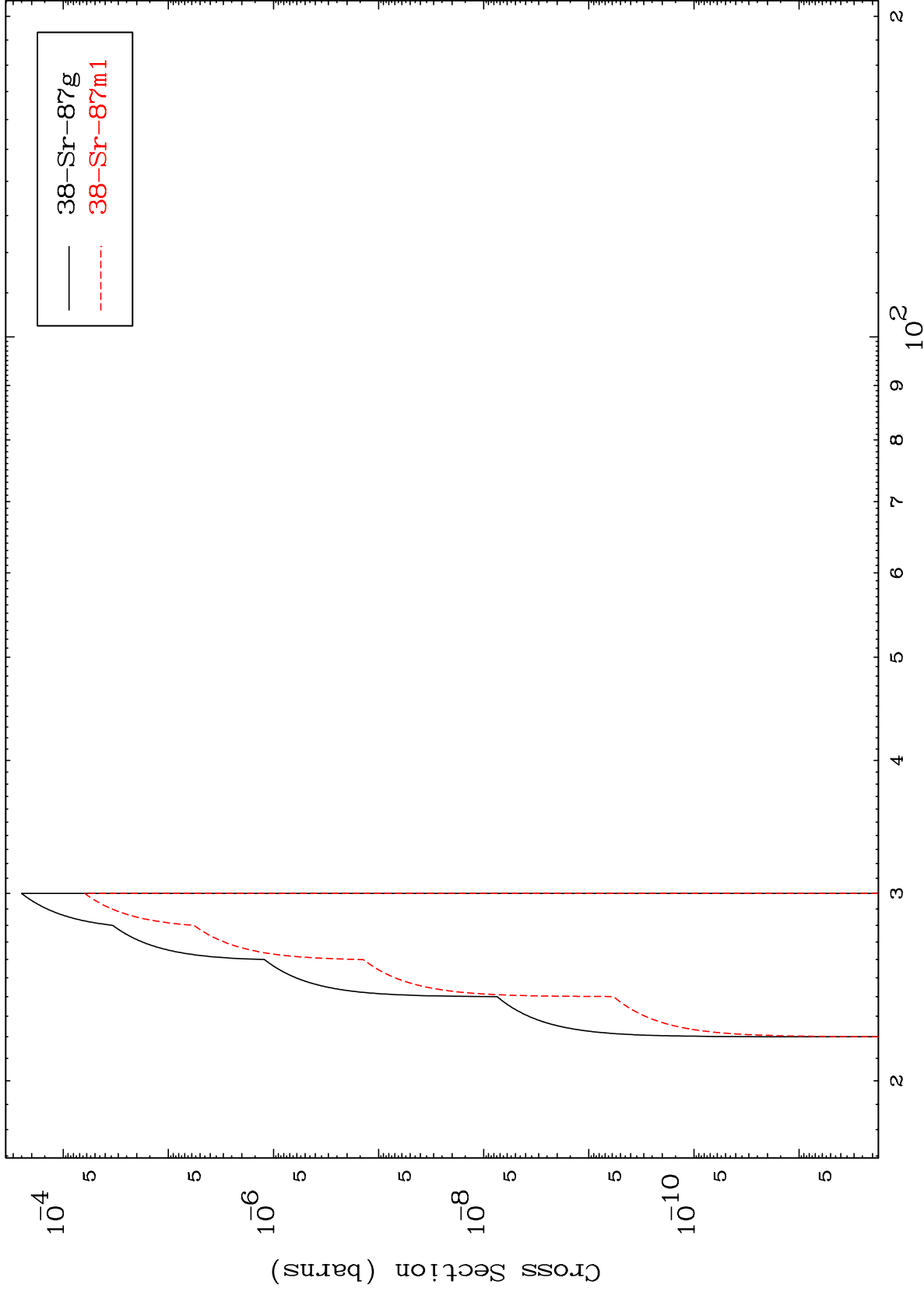


16

Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section

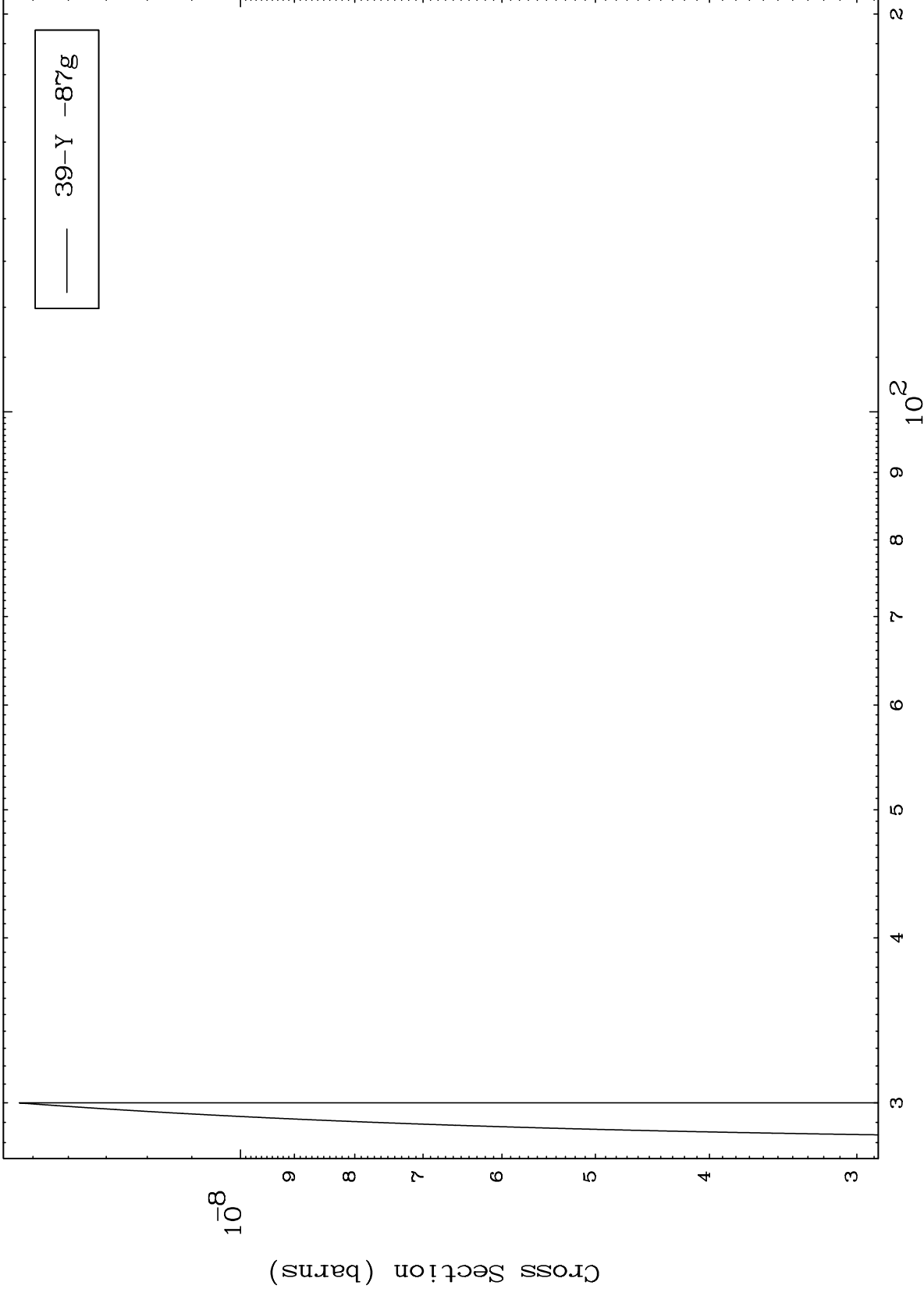


MAT 3928

(p,3n) p

39-Y -90

Radionuclide Production Cross Section



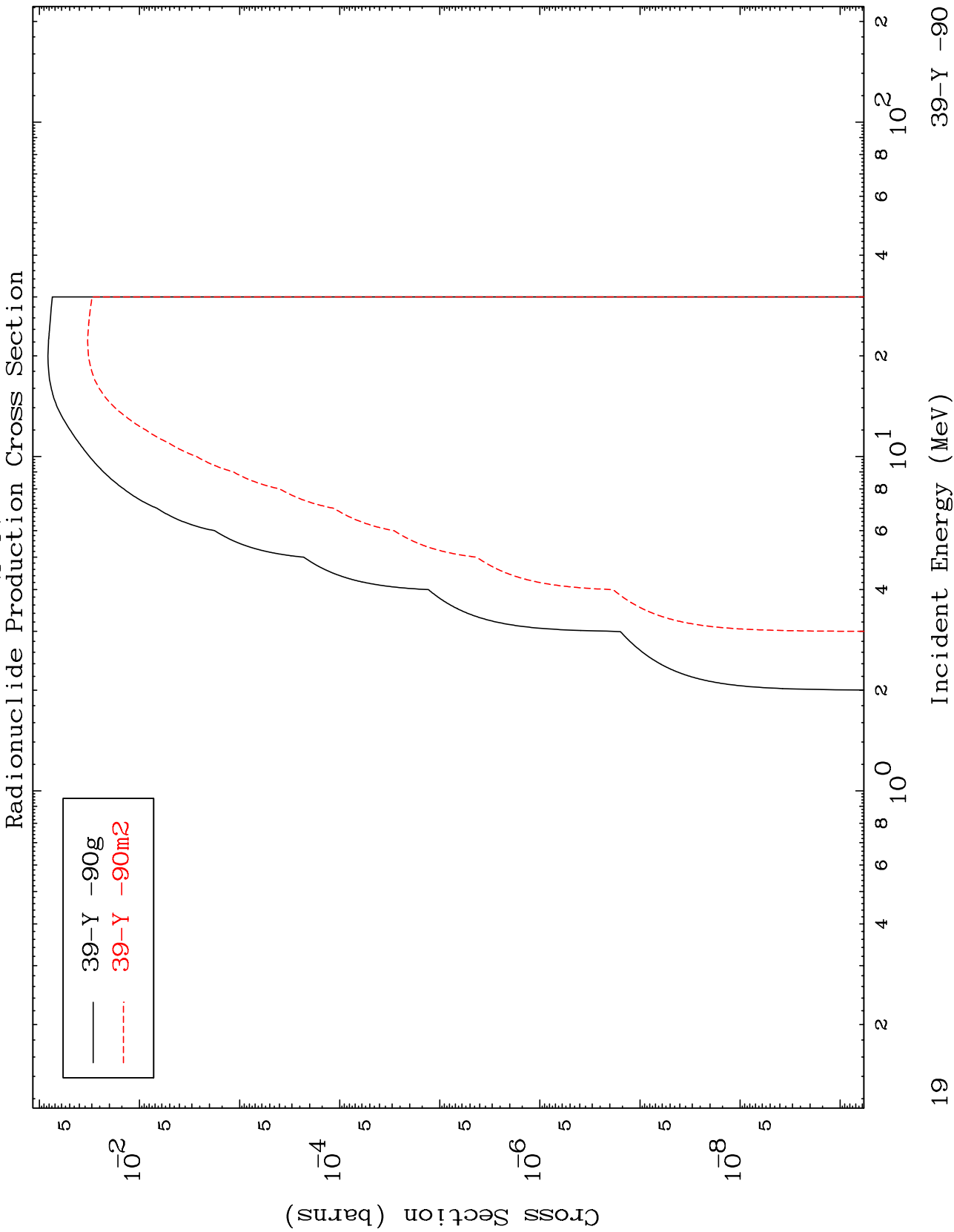
18

Incident Energy (MeV)

39-Y -90

MAT 3928

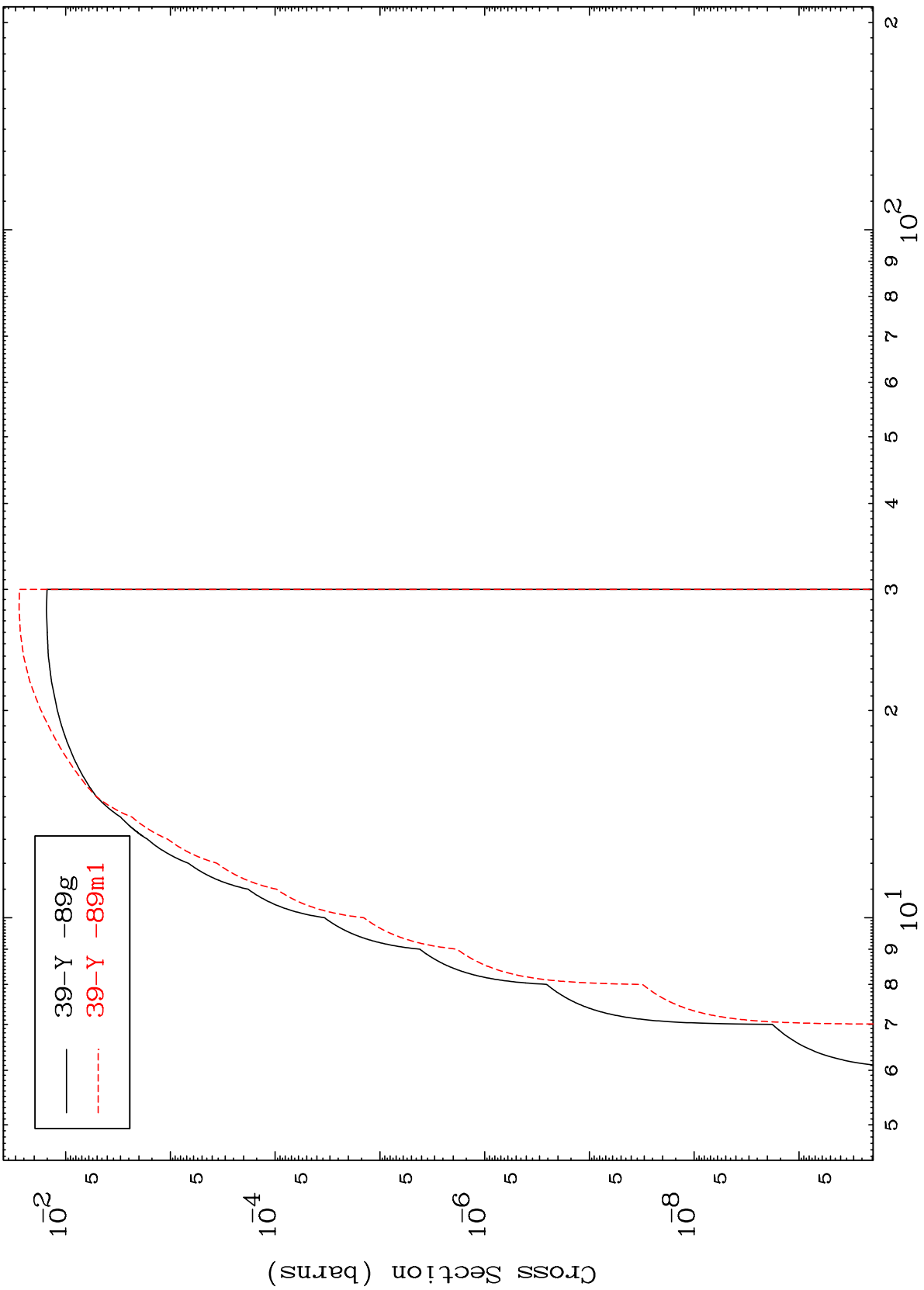
39-Y -90



MAT 3928

39-Y -90

Radionuclide Production Cross Section (p,d)



Legend:
— 39-Y -89g
- - - 39-Y -89m1

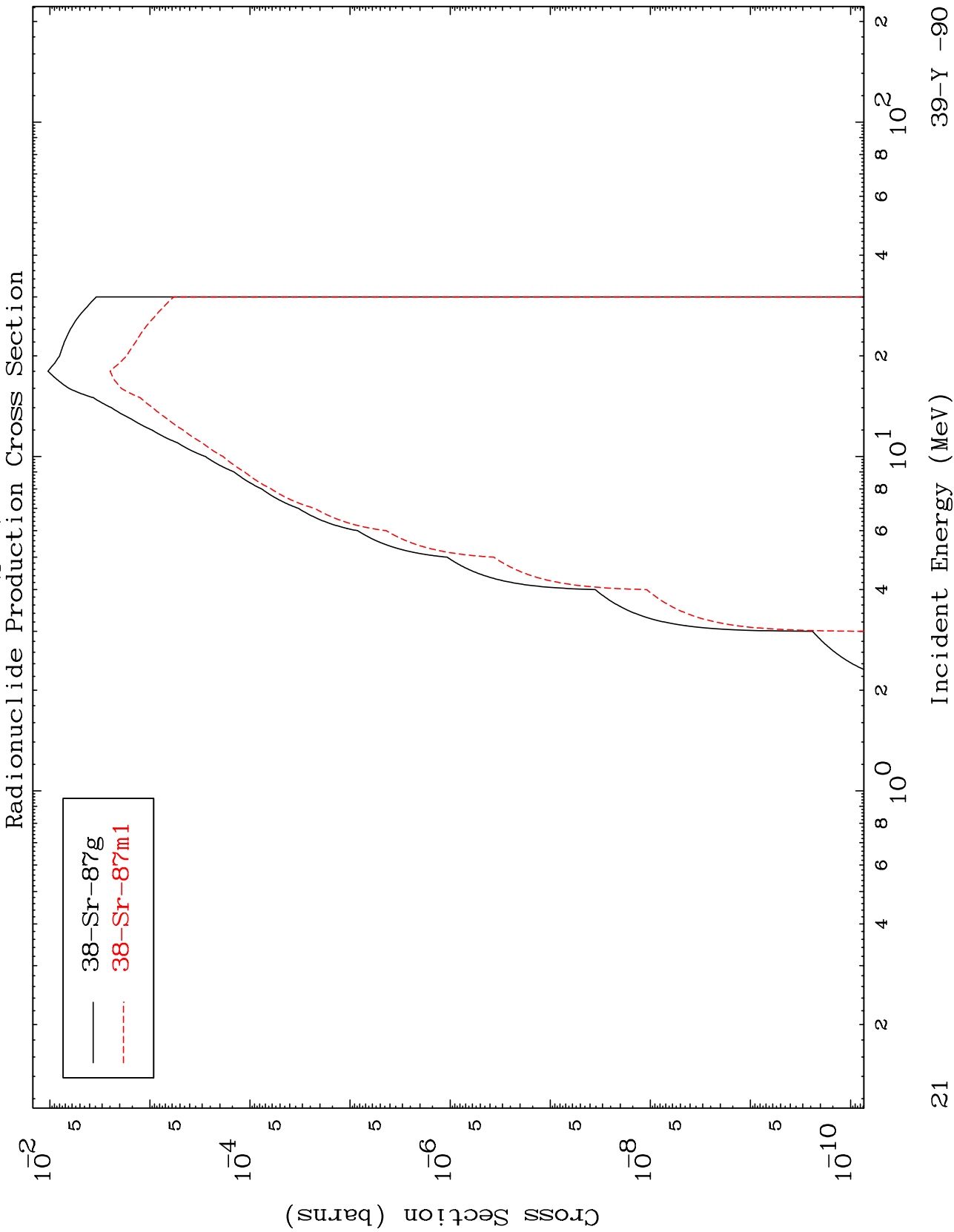
39-Y -90

Incident Energy (MeV)

20

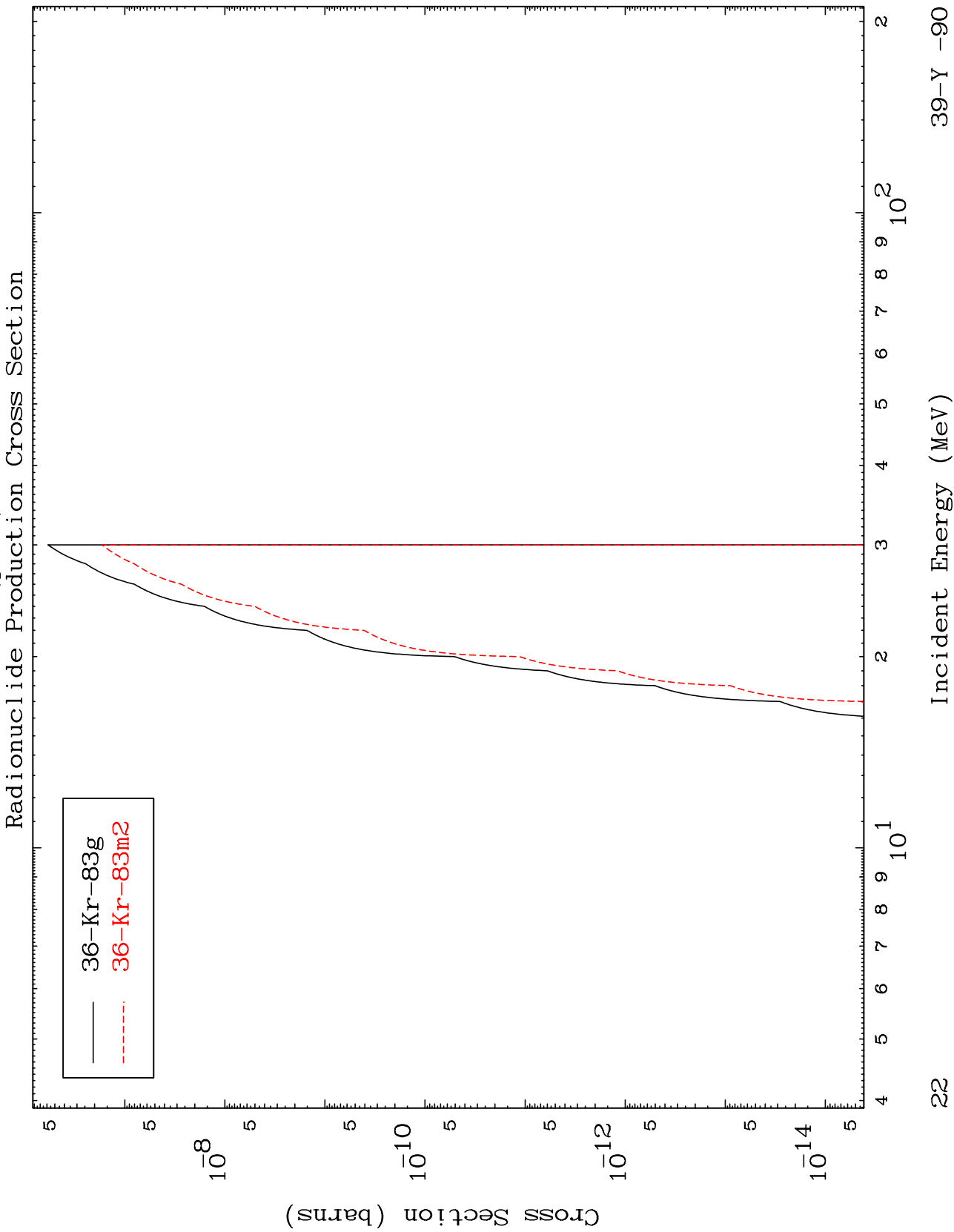
MAT 3928

39-Y -90



MAT 3928

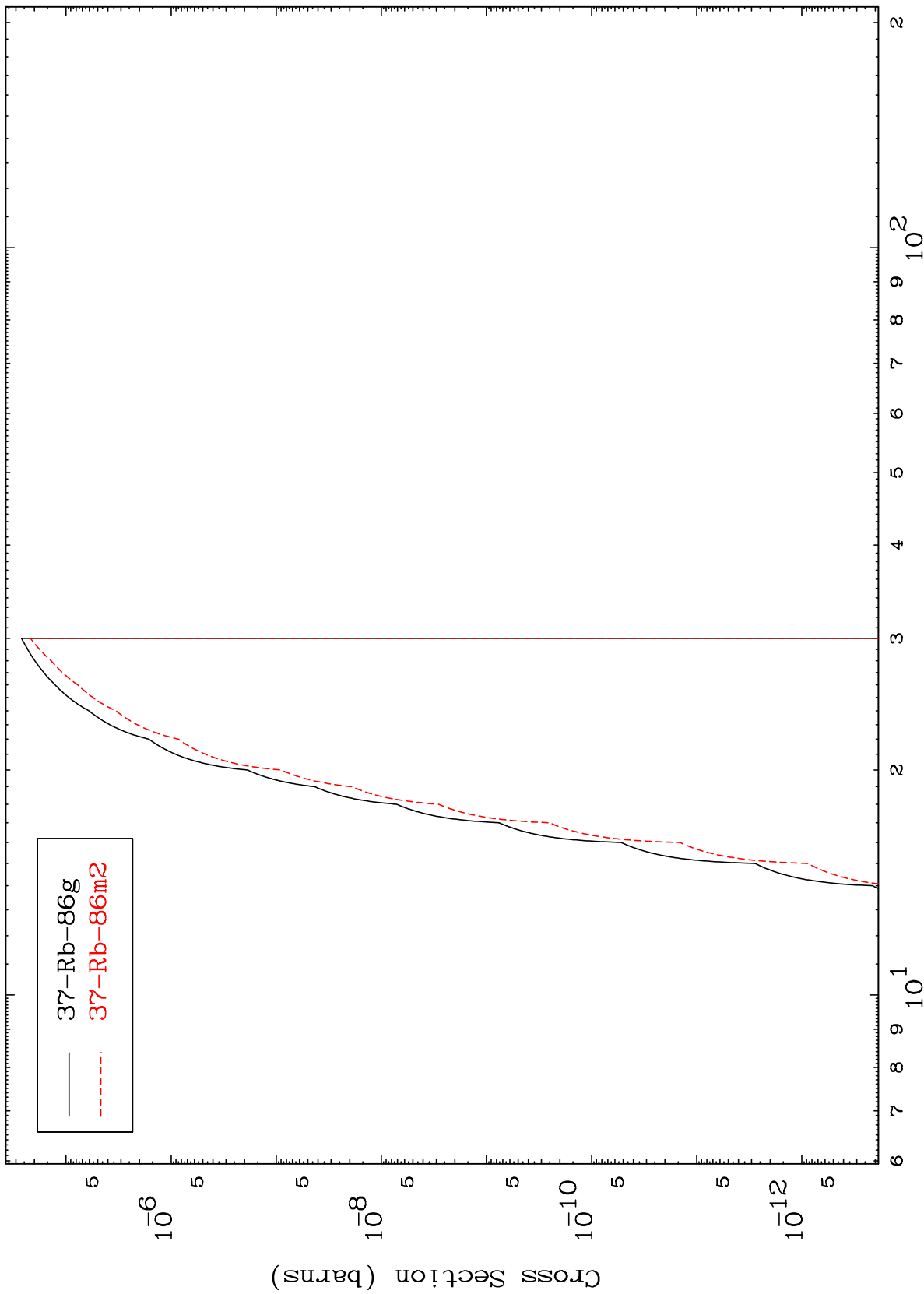
39-Y -90



MAT 3928

39-Y -90

(p,p) α
Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -90

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Radionuclide Production Cross Section

