

Program EVALPLOT
(Version 2021-1)

by

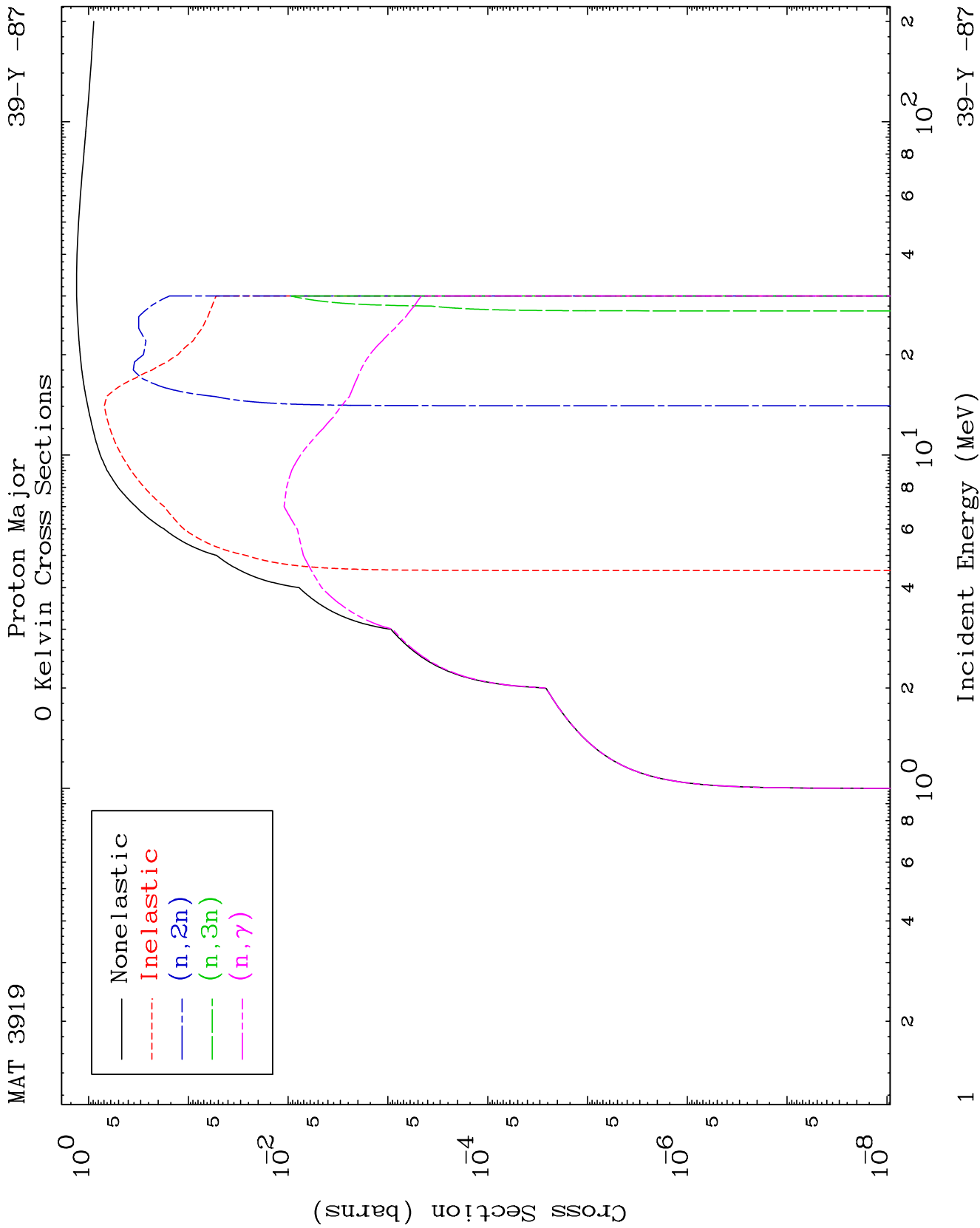
Dermott E. Cullen
(Present Contact Information)

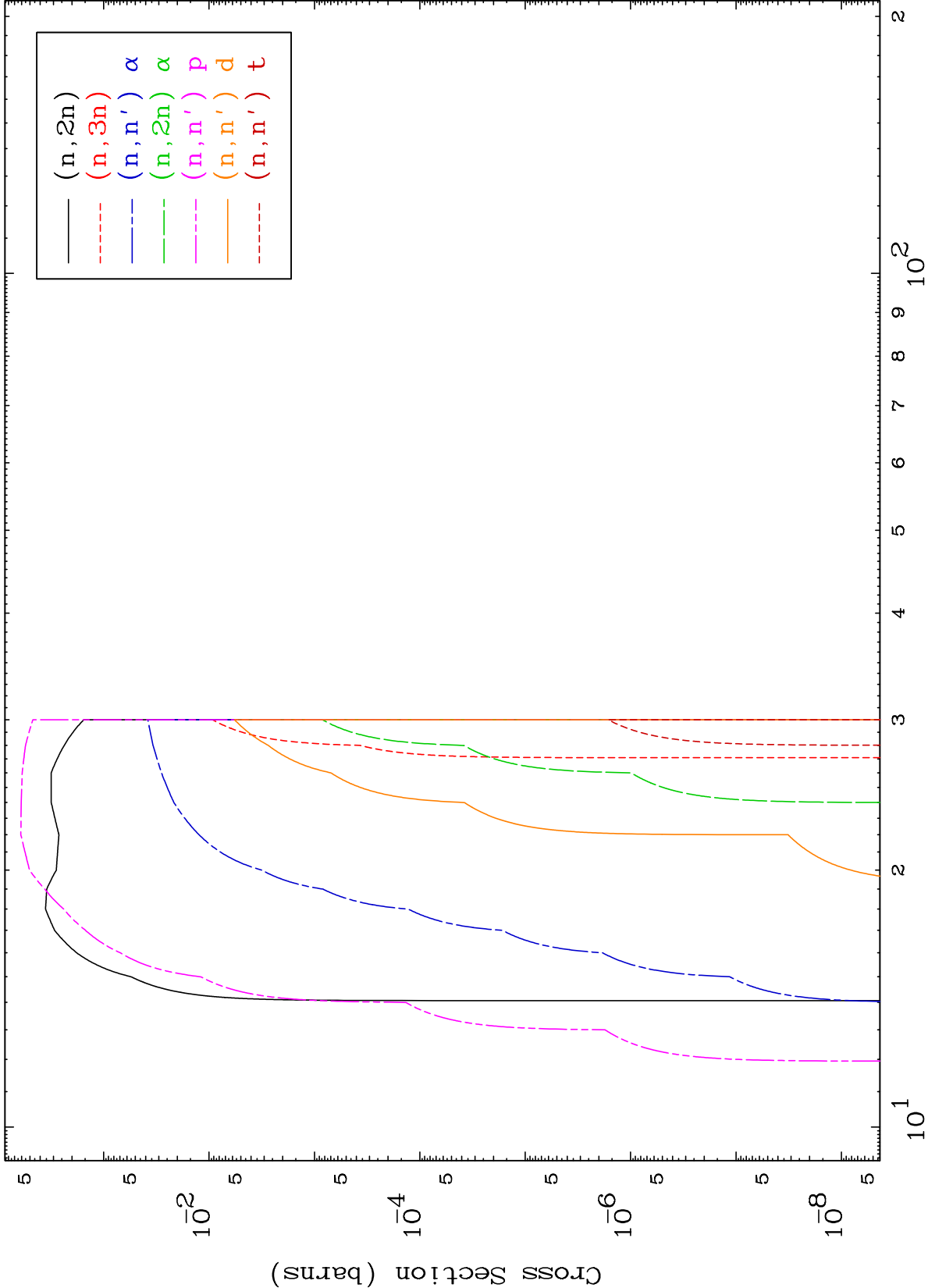
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

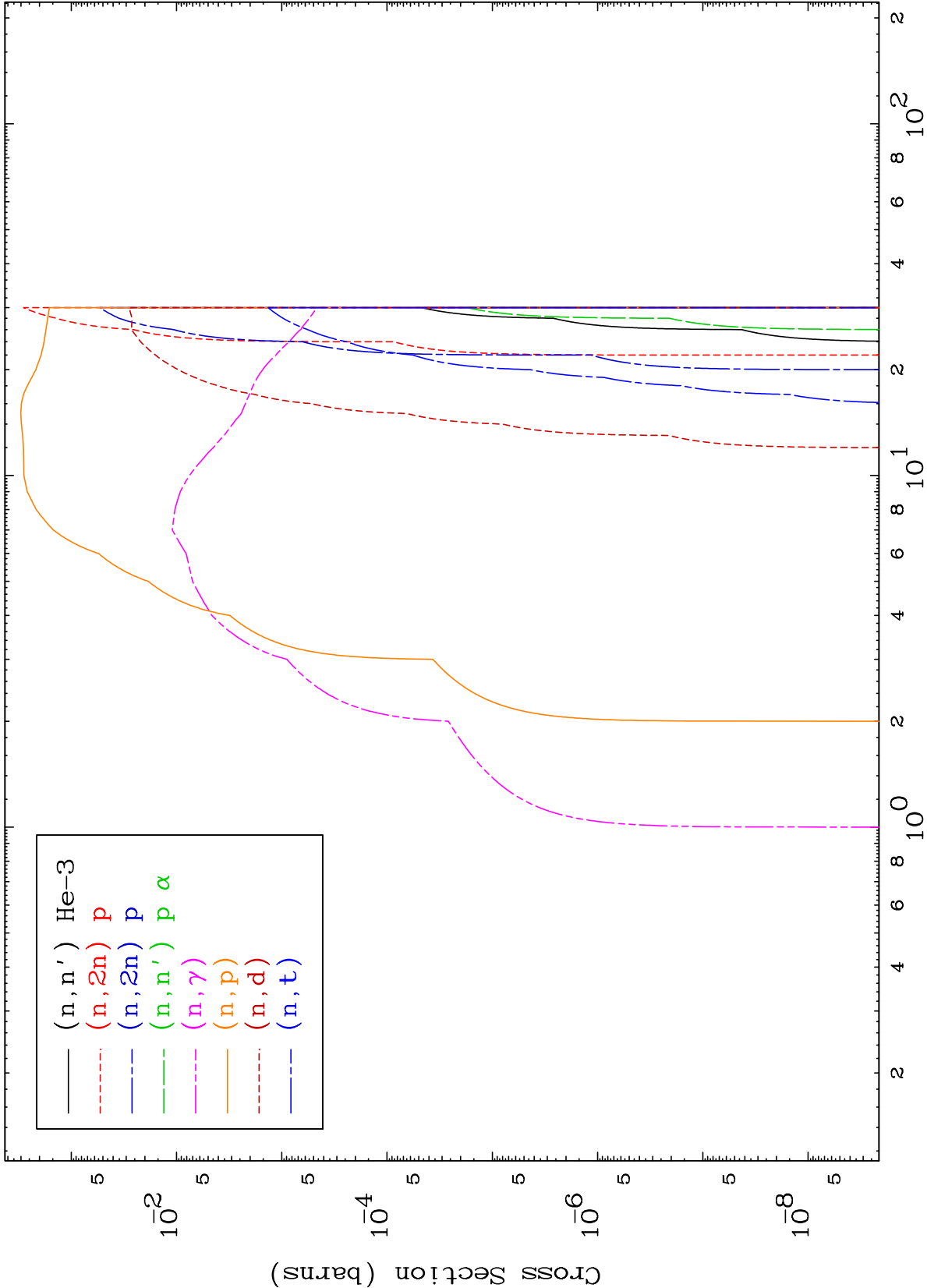
Tele: 925-443-1911

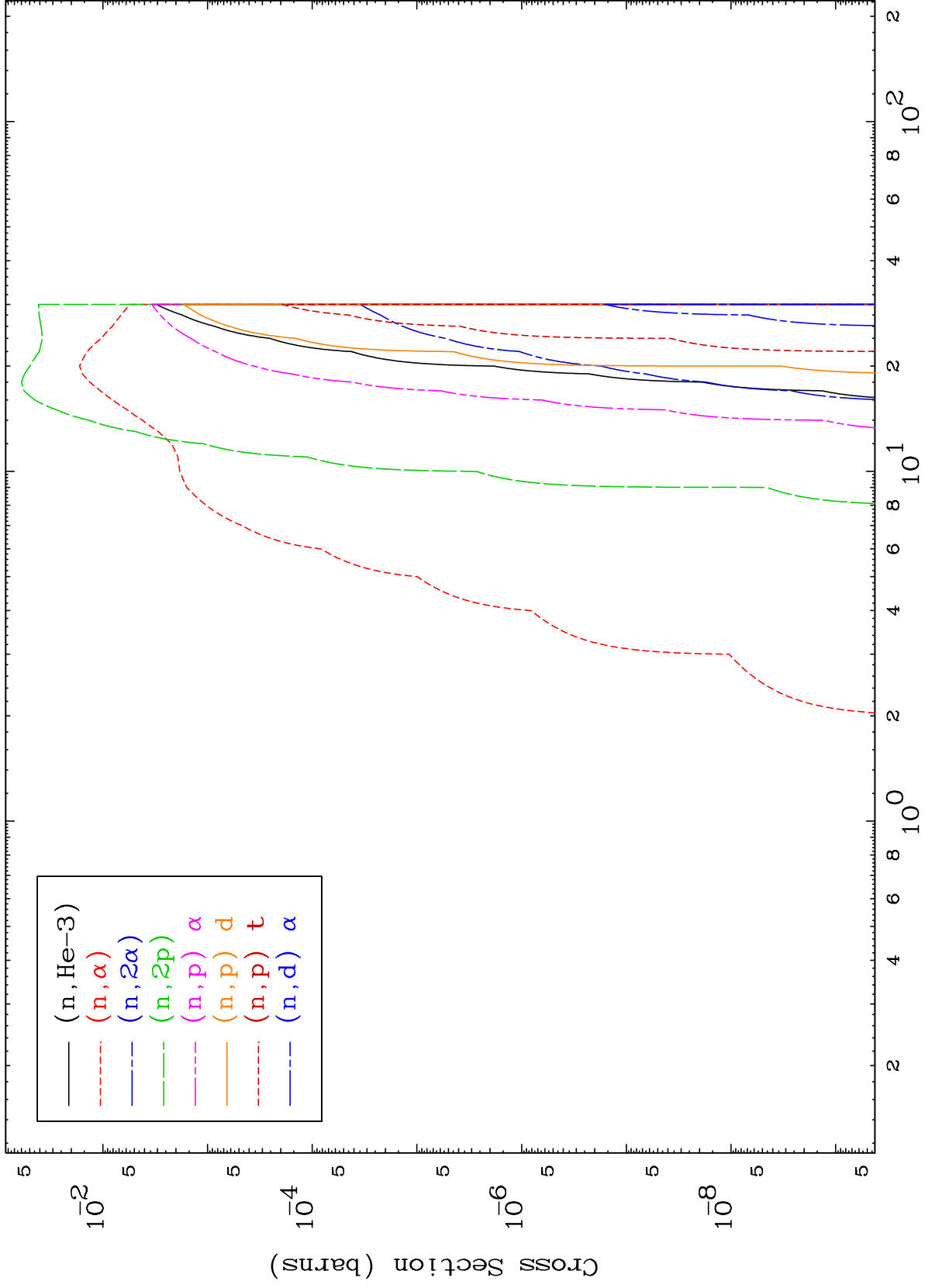
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

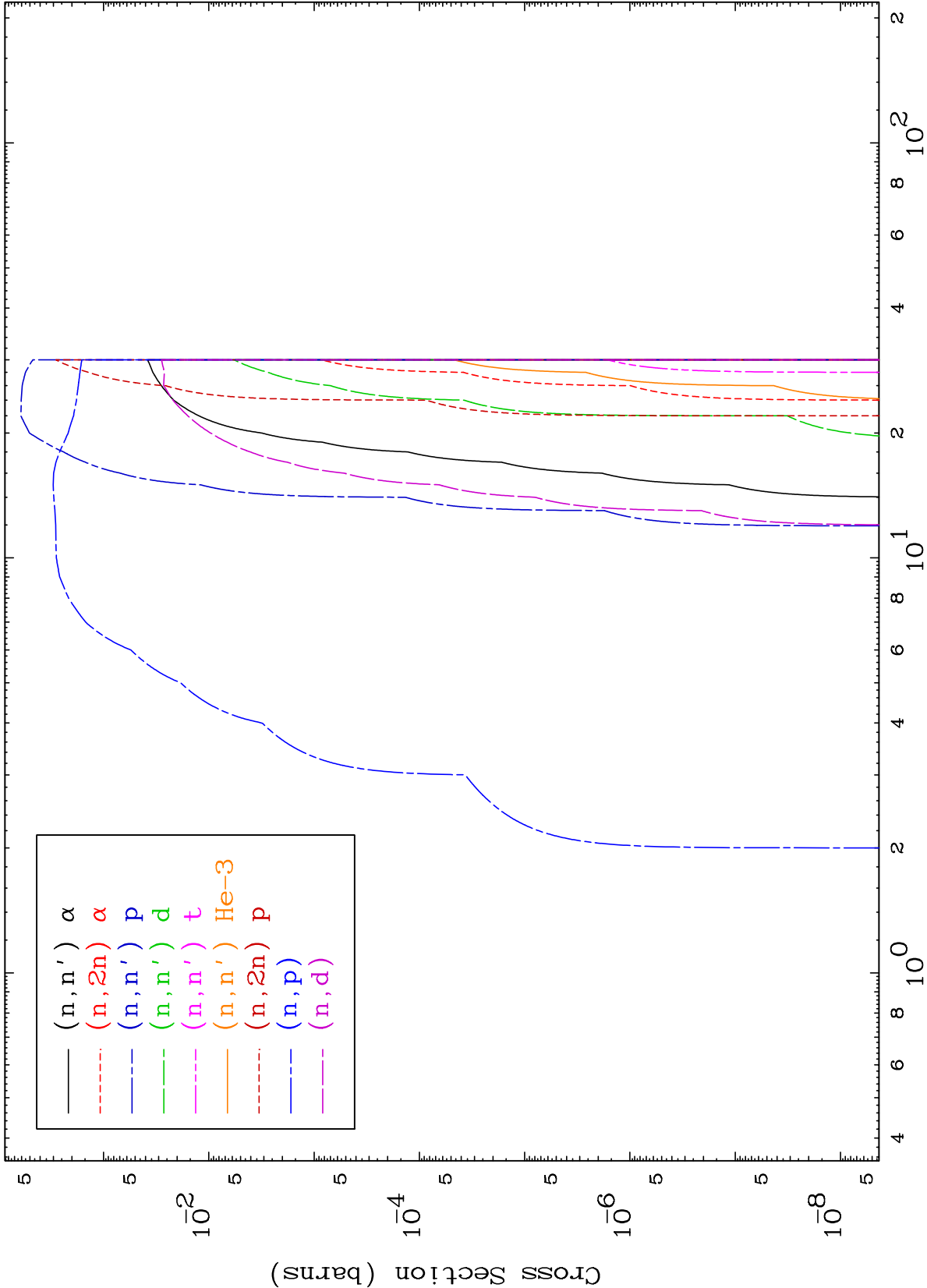
Press Mouse Button to Start

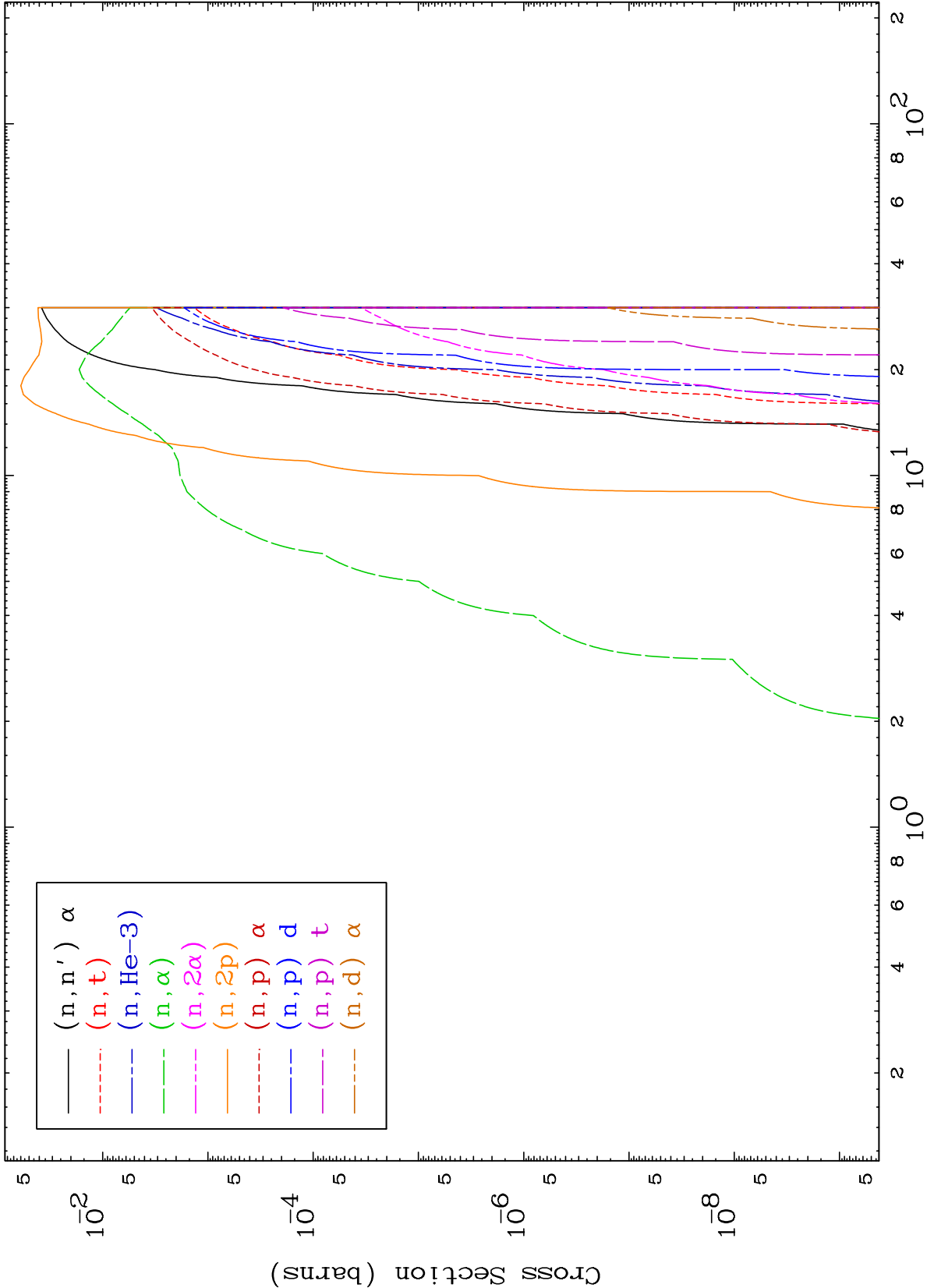








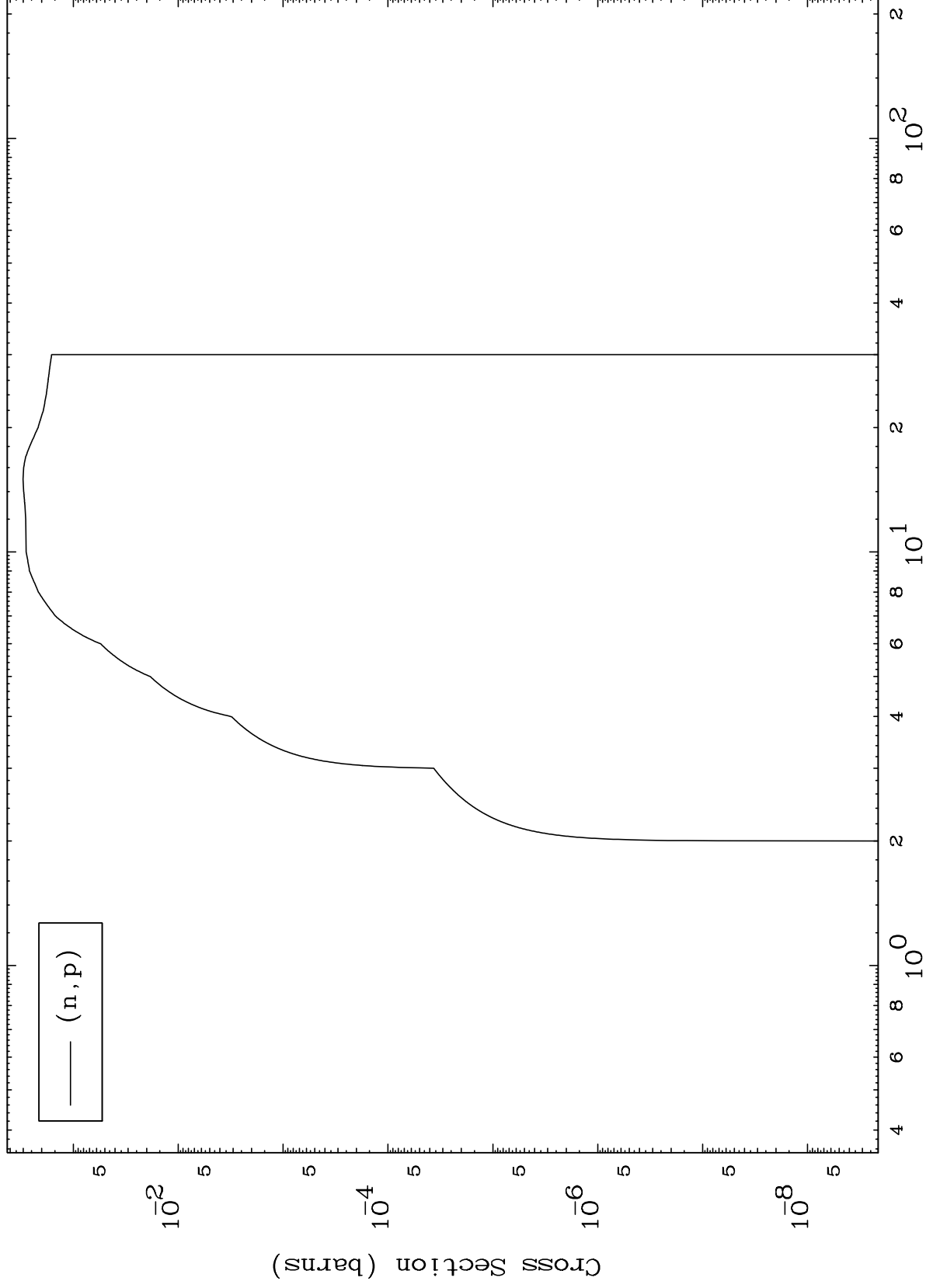




MAT 3919

39-Y -87

(p,p) Levels
0 Kelvin Cross Sections



39-Y -87

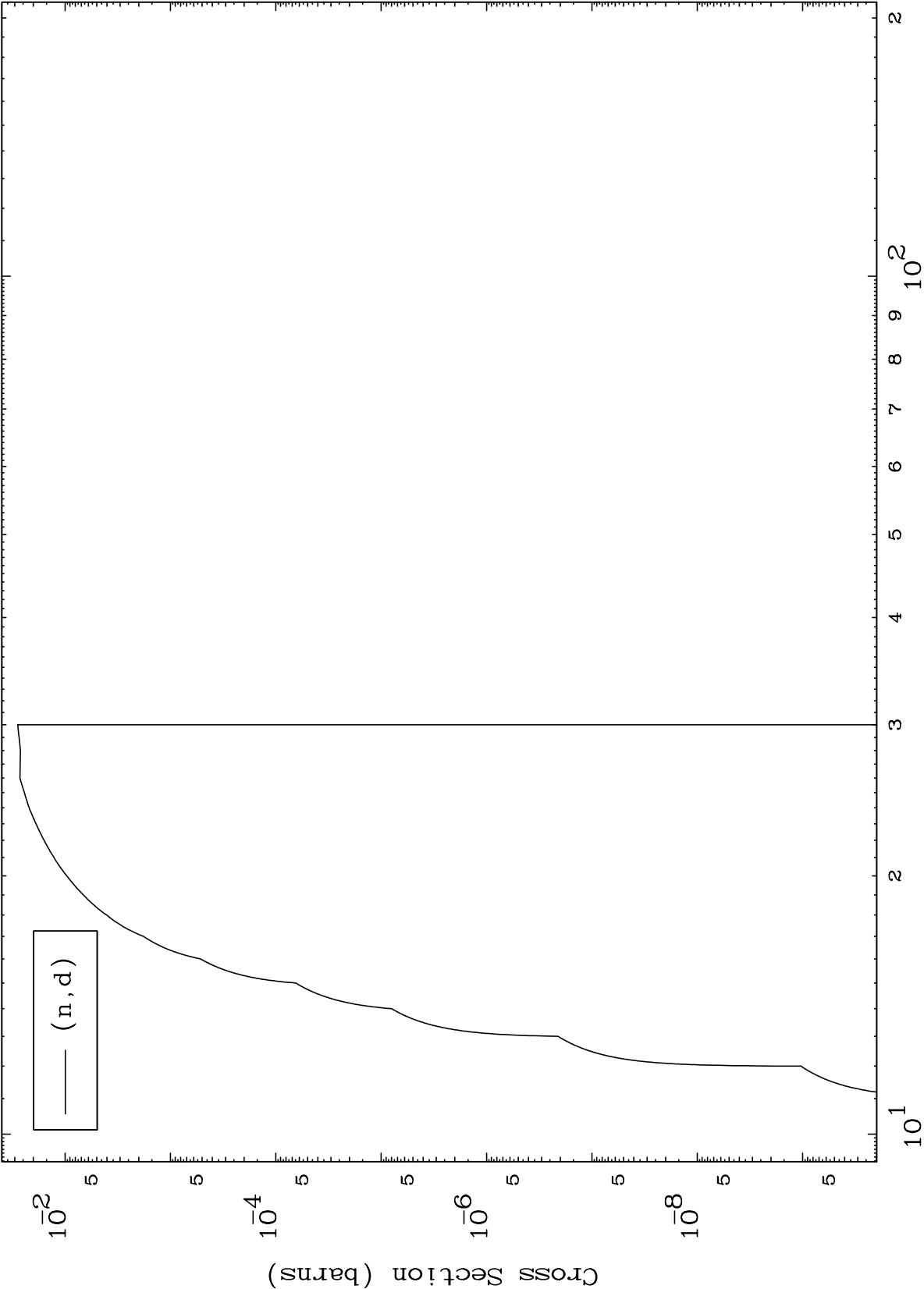
Incident Energy (MeV)

7

MAT 3919

(p,d) Levels
0 Kelvin Cross Sections

39-Y -87



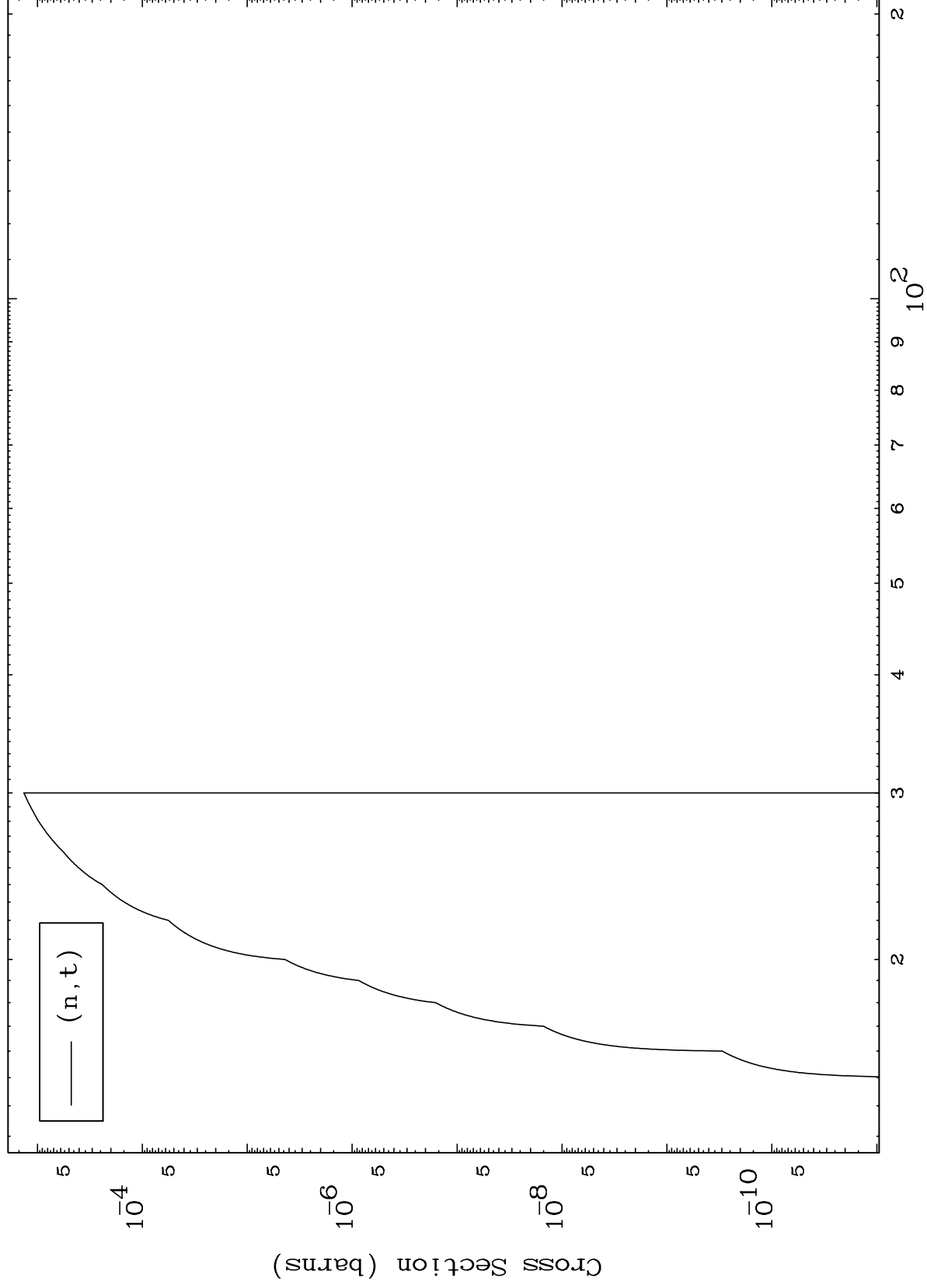
Incident Energy (MeV)

39-Y -87

MAT 3919

(p,t) Levels
0 Kelvin Cross Sections

39-Y -87



9

Incident Energy (MeV)

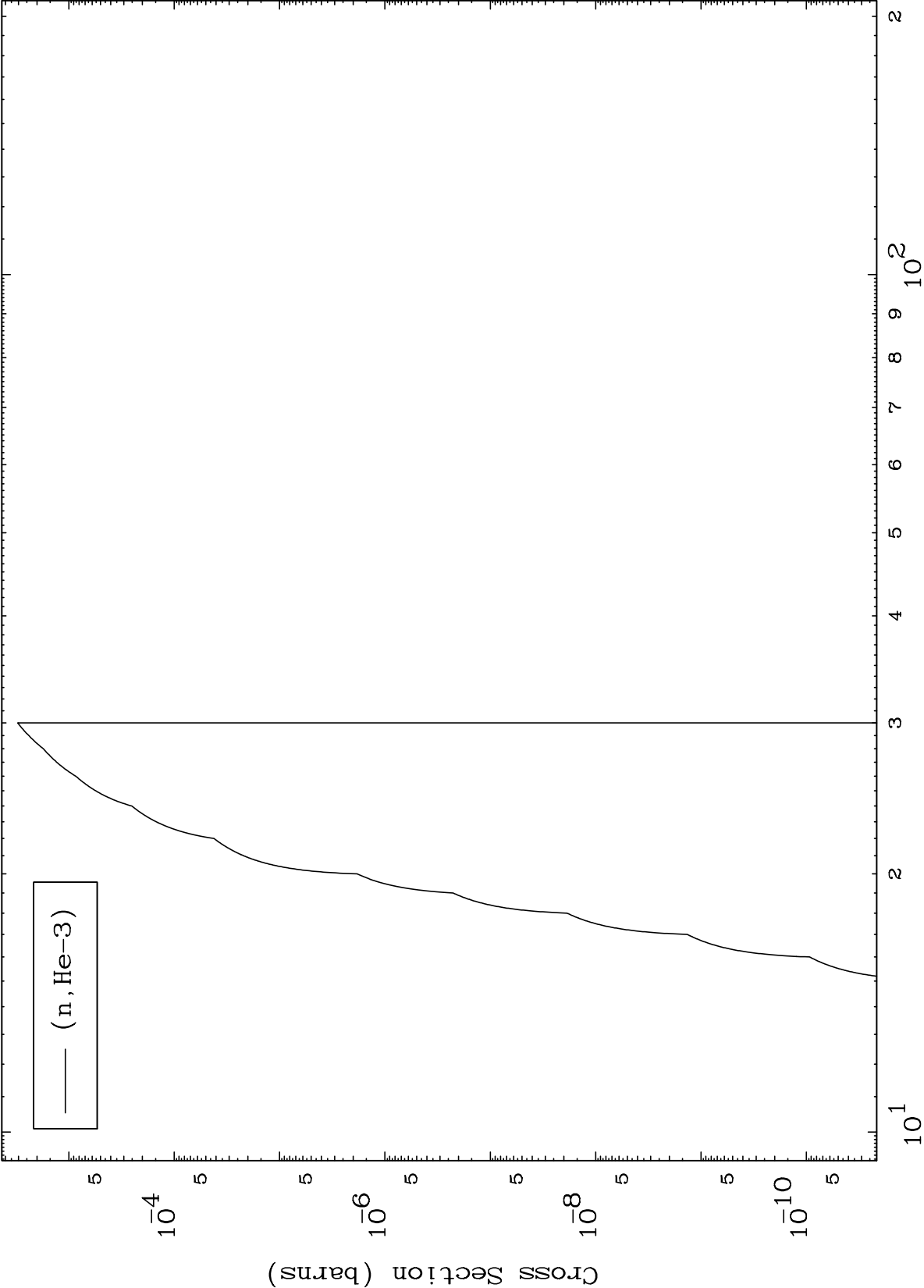
39-Y -87

MAT 3919

(p,He3) Levels

39-Y -87

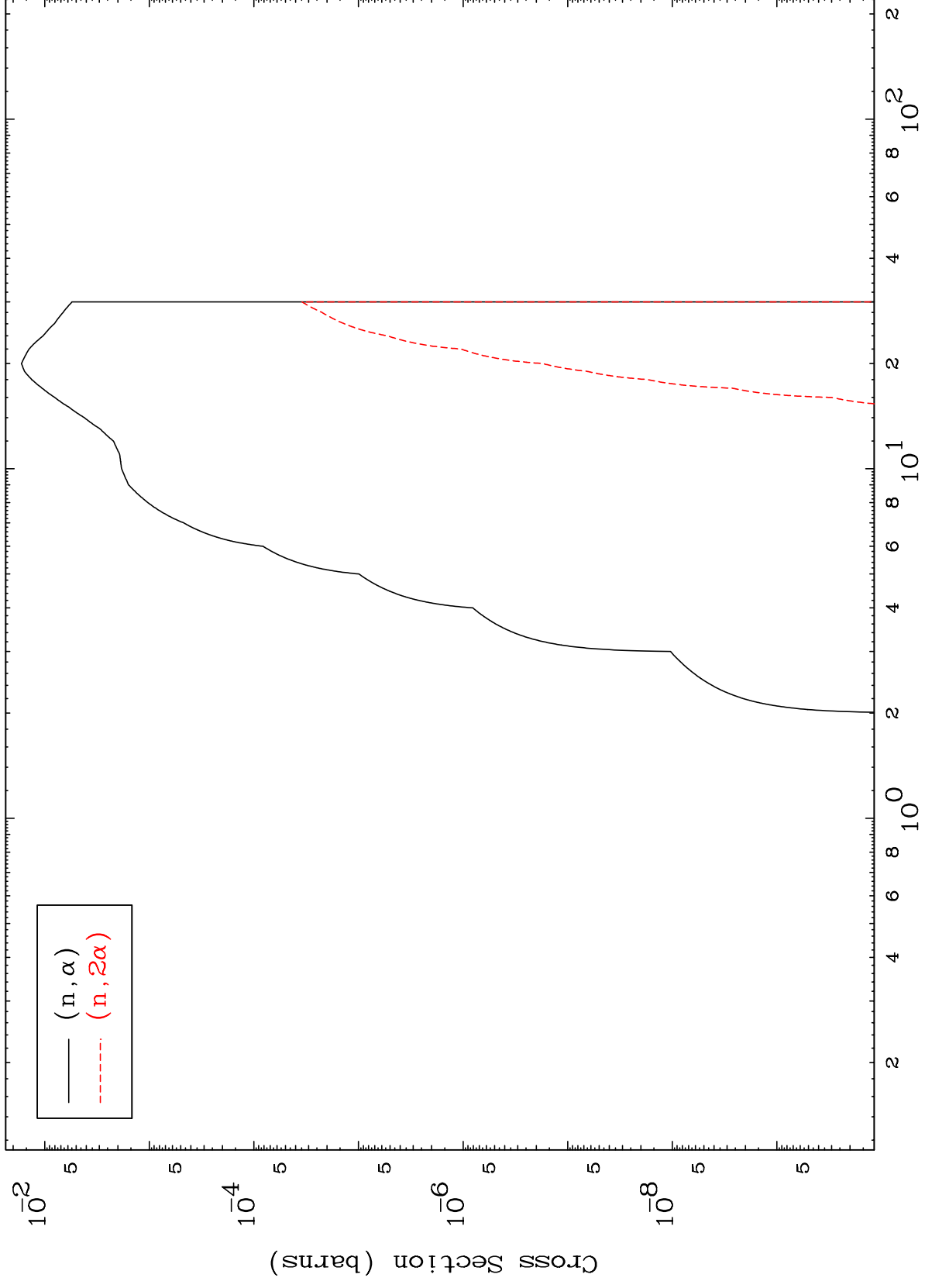
0 Kelvin Cross Sections



Incident Energy (MeV)

39-Y -87

0 Kelvin Cross Sections

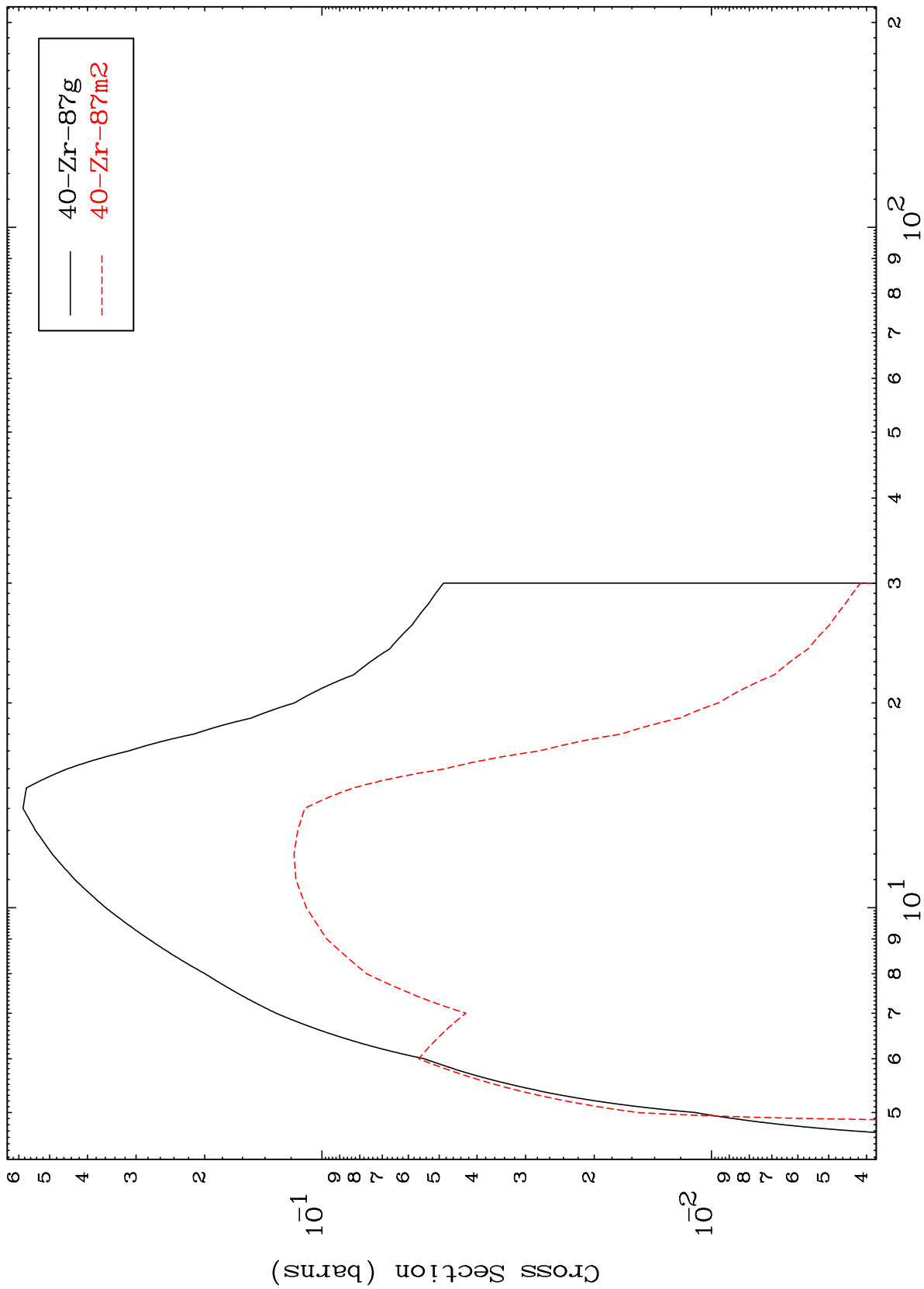


— (n, α)
 - - - (n, 2α)

MAT 3919

39-Y -87

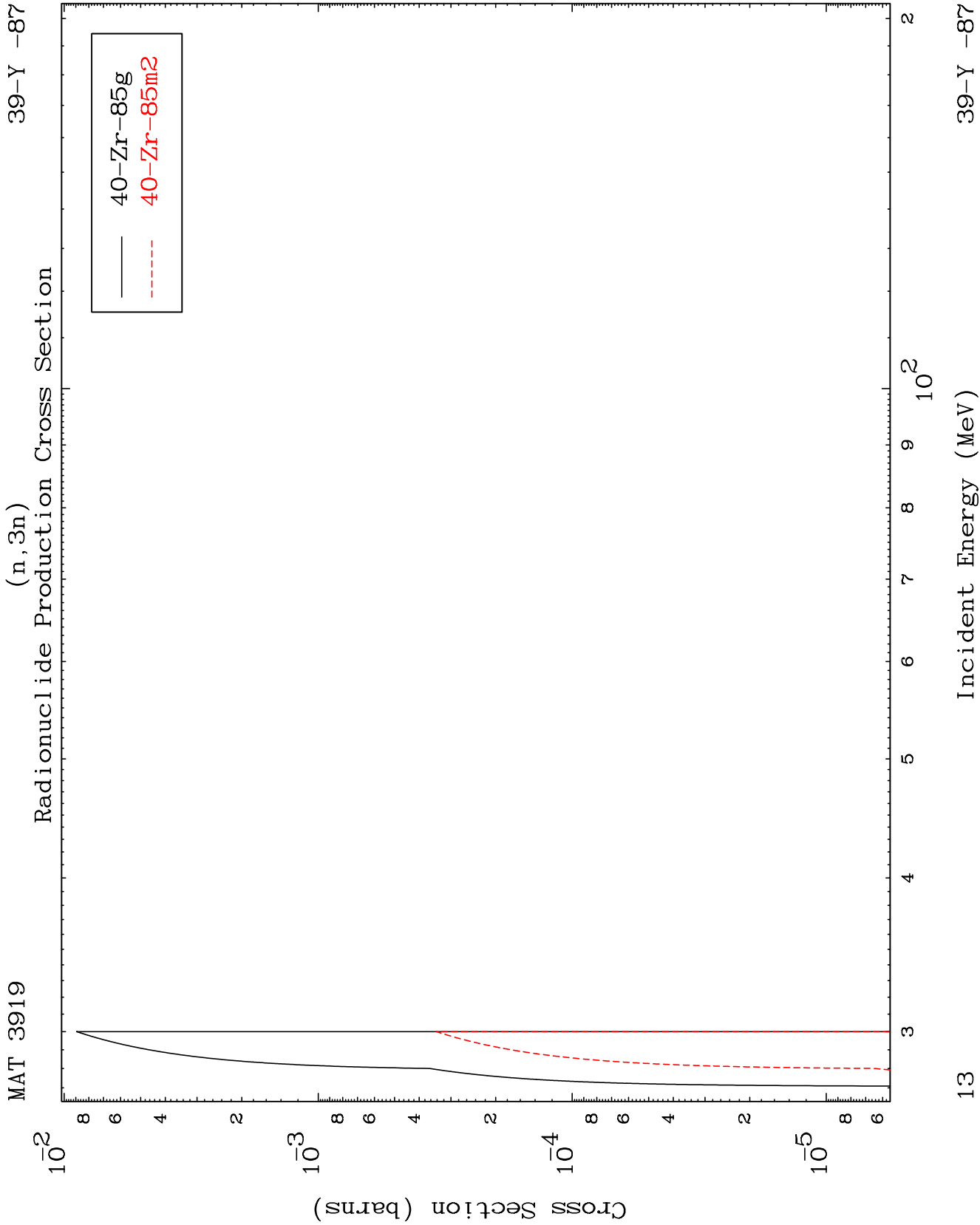
Inelastic
Radionuclide Production Cross Section



39-Y -87

Incident Energy (MeV)

12

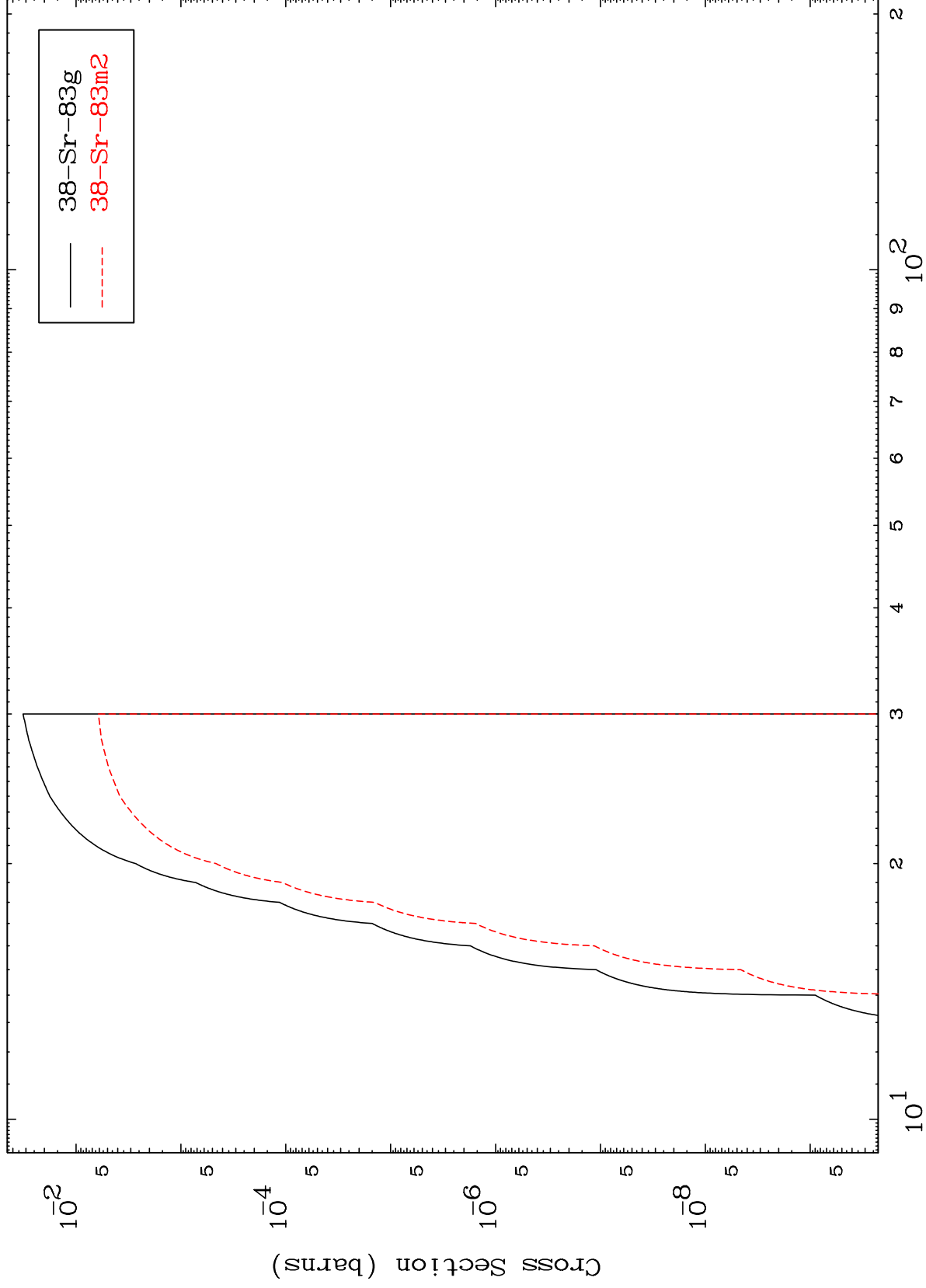


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39-Y -87

(n,n') α

Radionuclide Production Cross Section



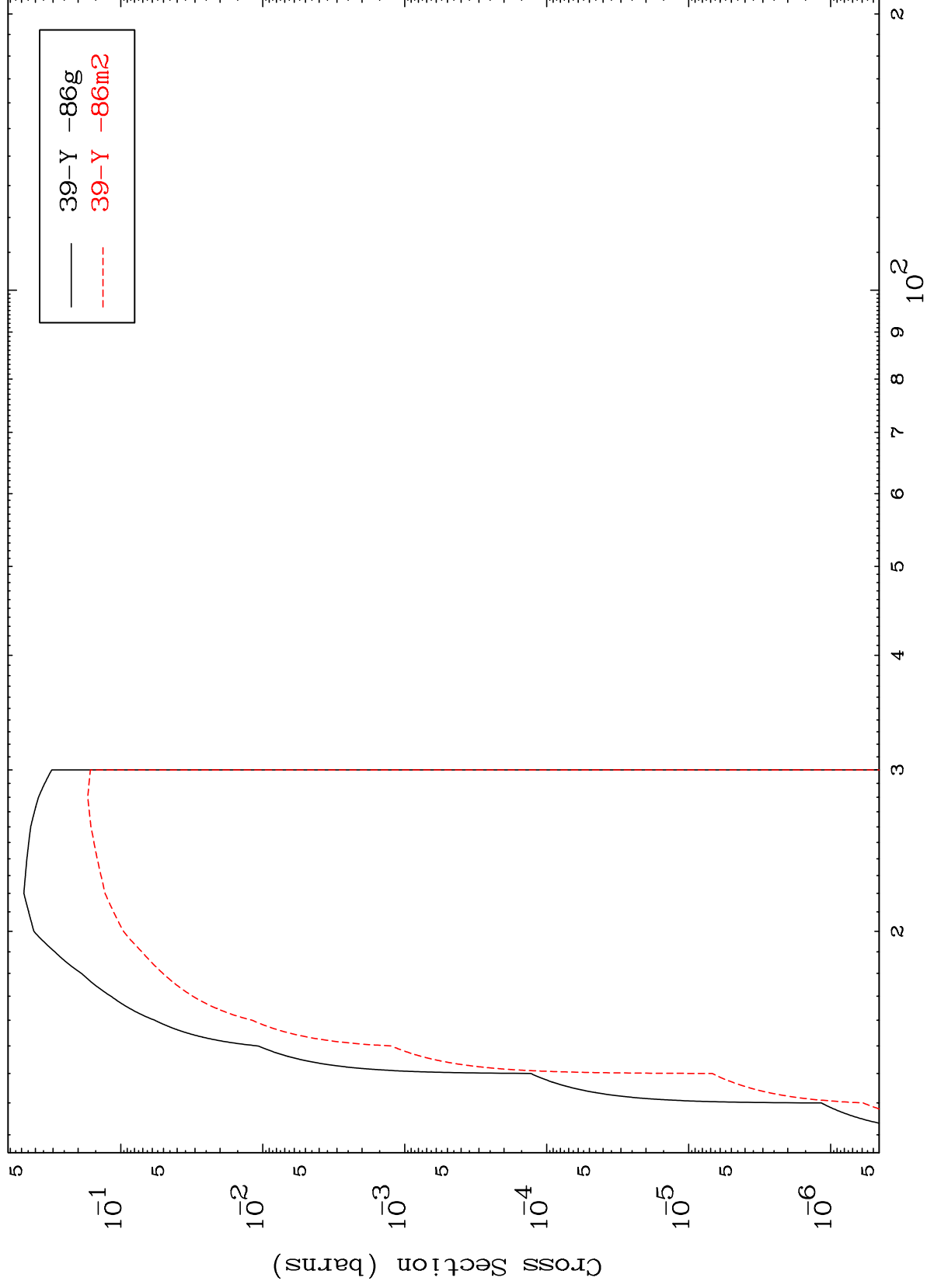
Incident Energy (MeV)

39-Y -87

MAT 3919

(n,n') p 39-Y -87

Radionuclide Production Cross Section



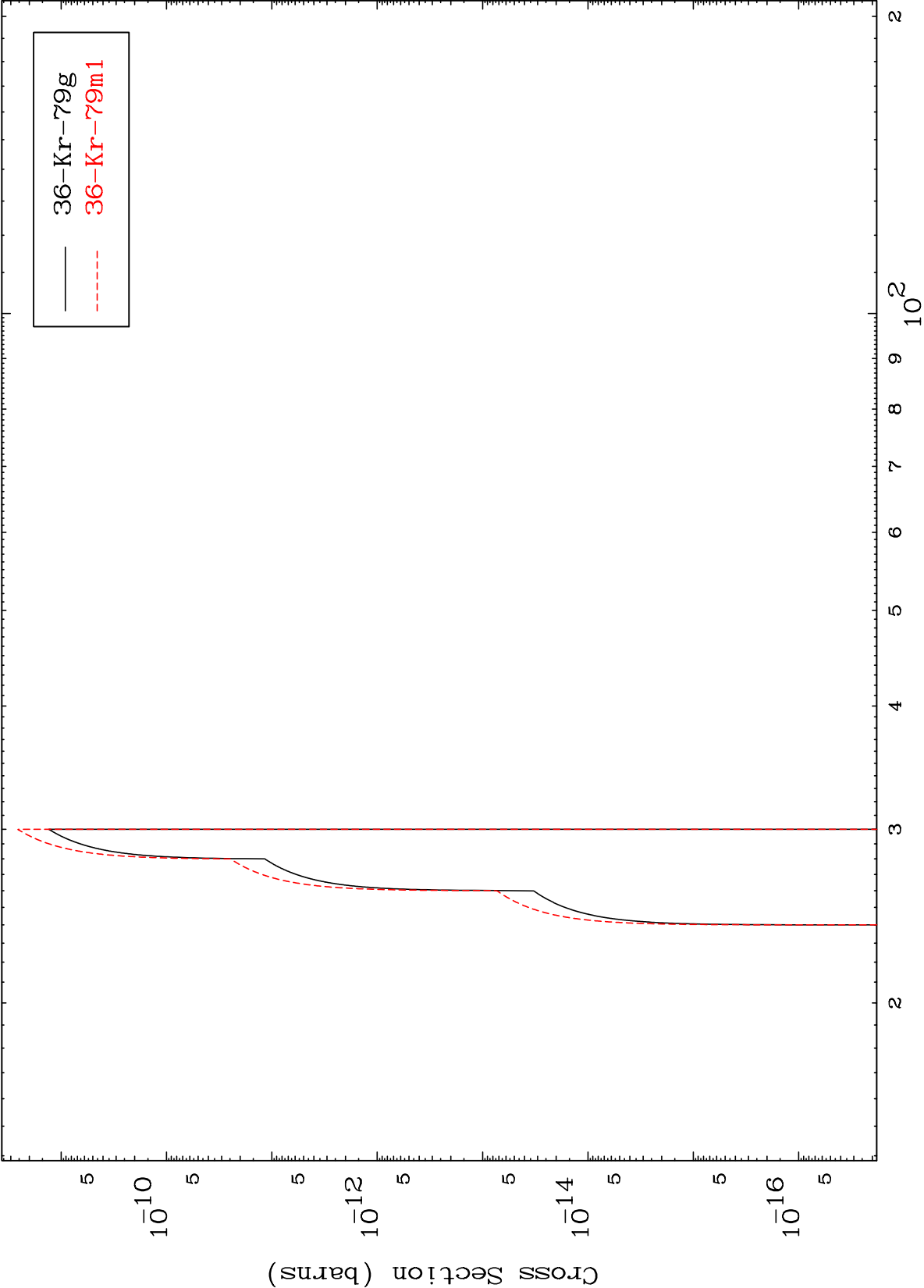
Incident Energy (MeV) 39-Y -87

MAT 3919

(n,n') 2 α

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

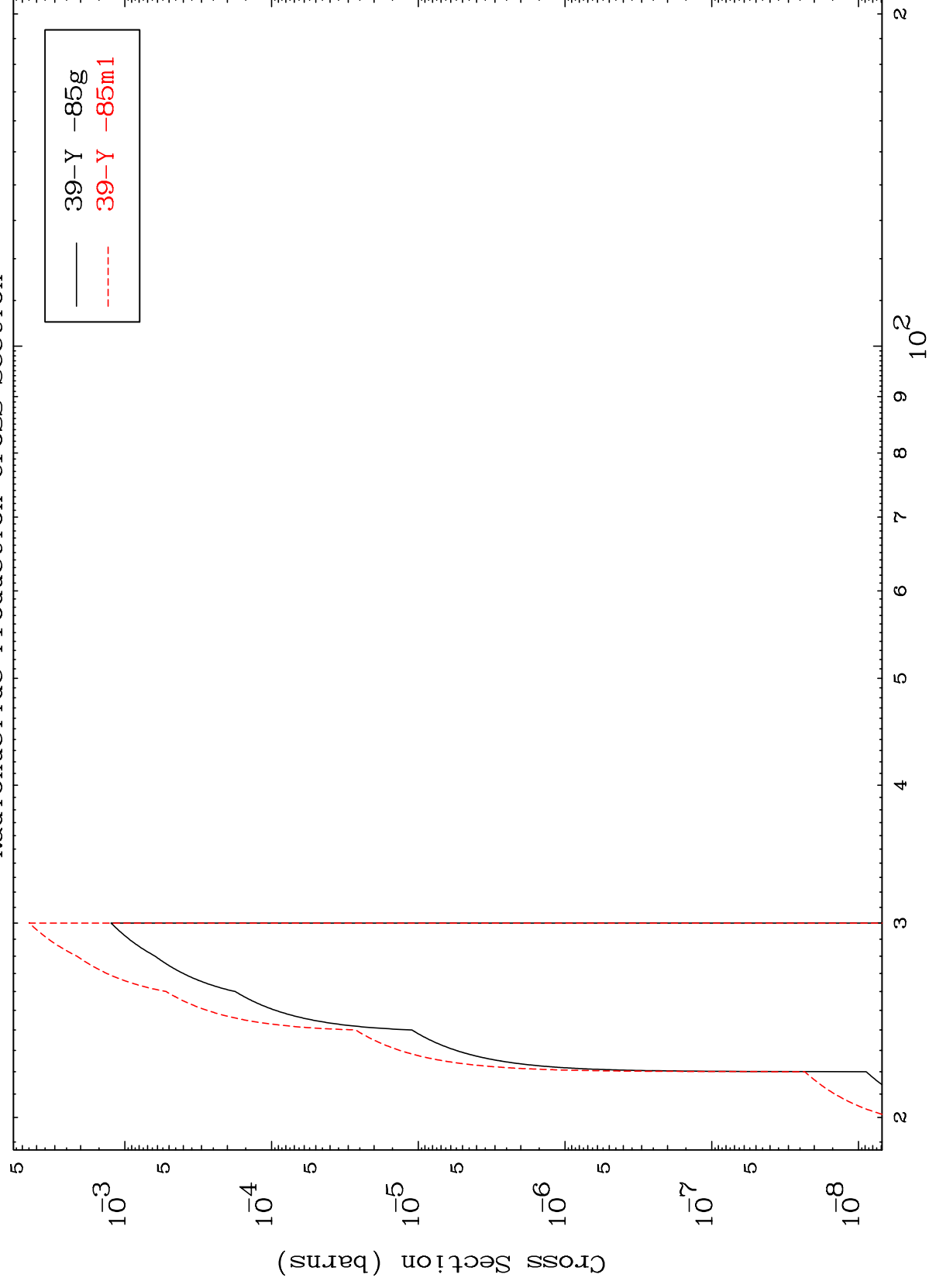
39-Y -87

MAT 3919

$$(n, n') \text{ d}$$

39-Y -87

Radionuclide Production Cross Section



17

Incident Energy (MeV)

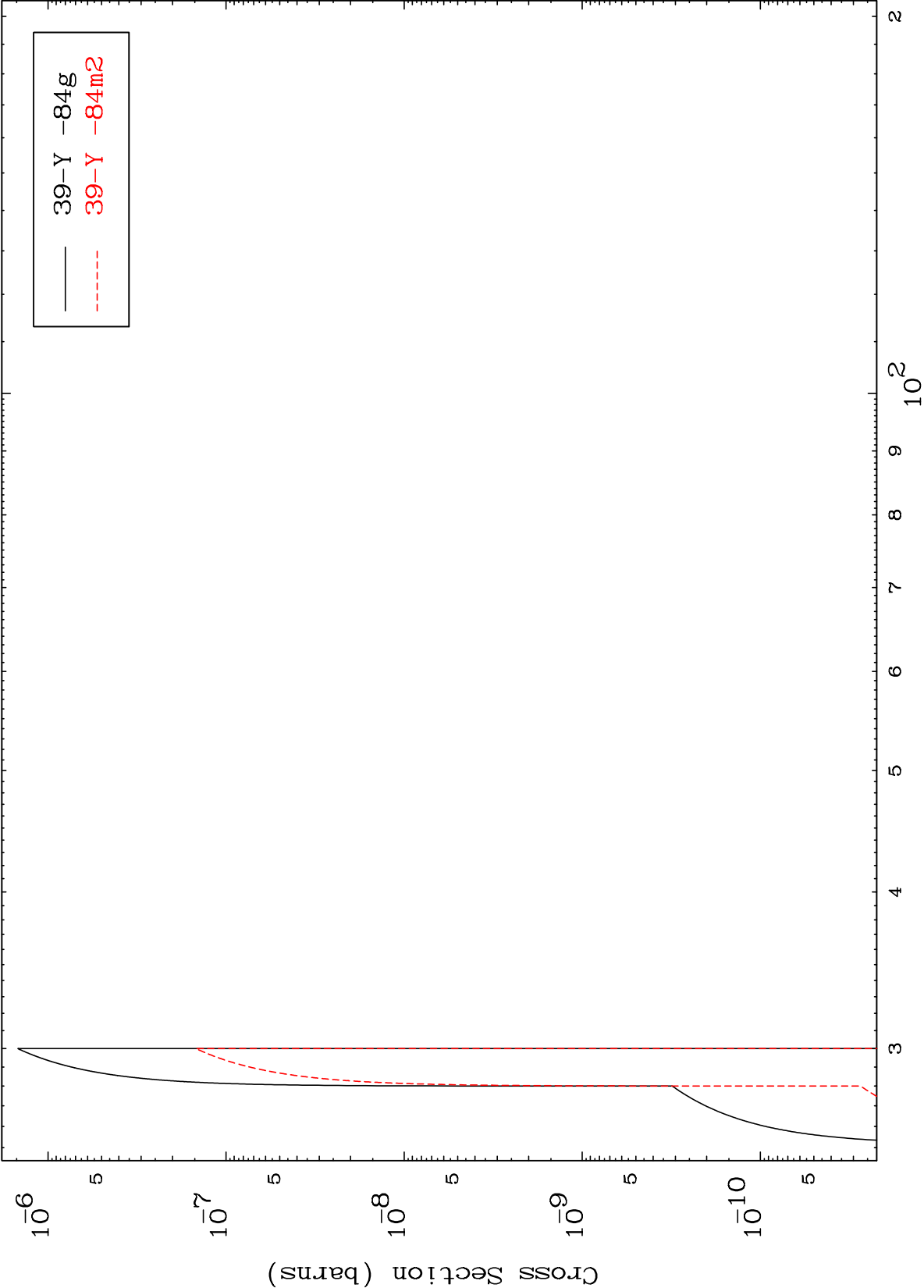
39-Y -87

MAT 3919

(n,n') t

39-Y -87

Radionuclide Production Cross Section



18

Incident Energy (MeV)

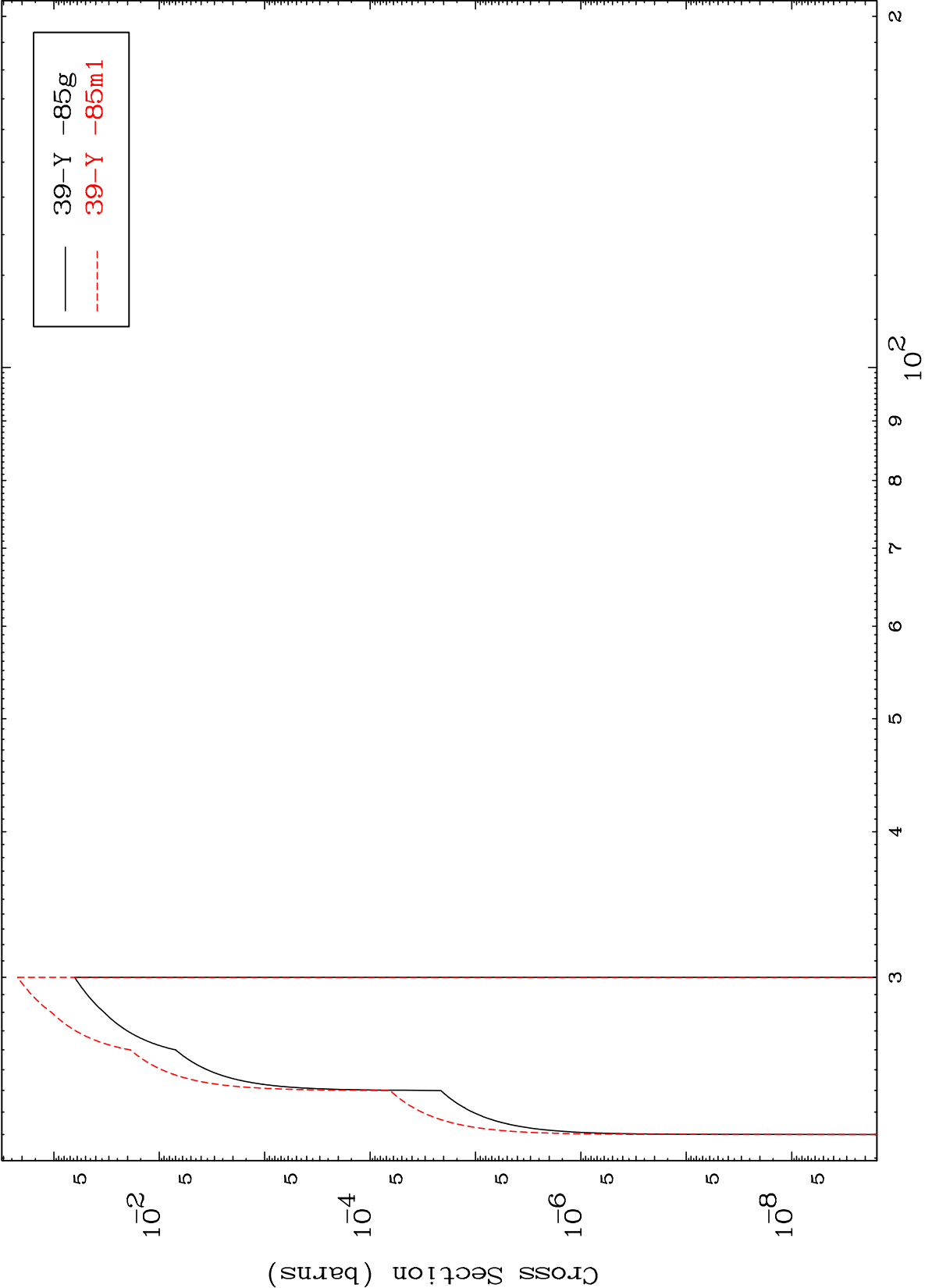
39-Y -87

MAT 3919

(n,2n) p

39-Y -87

Radionuclide Production Cross Section

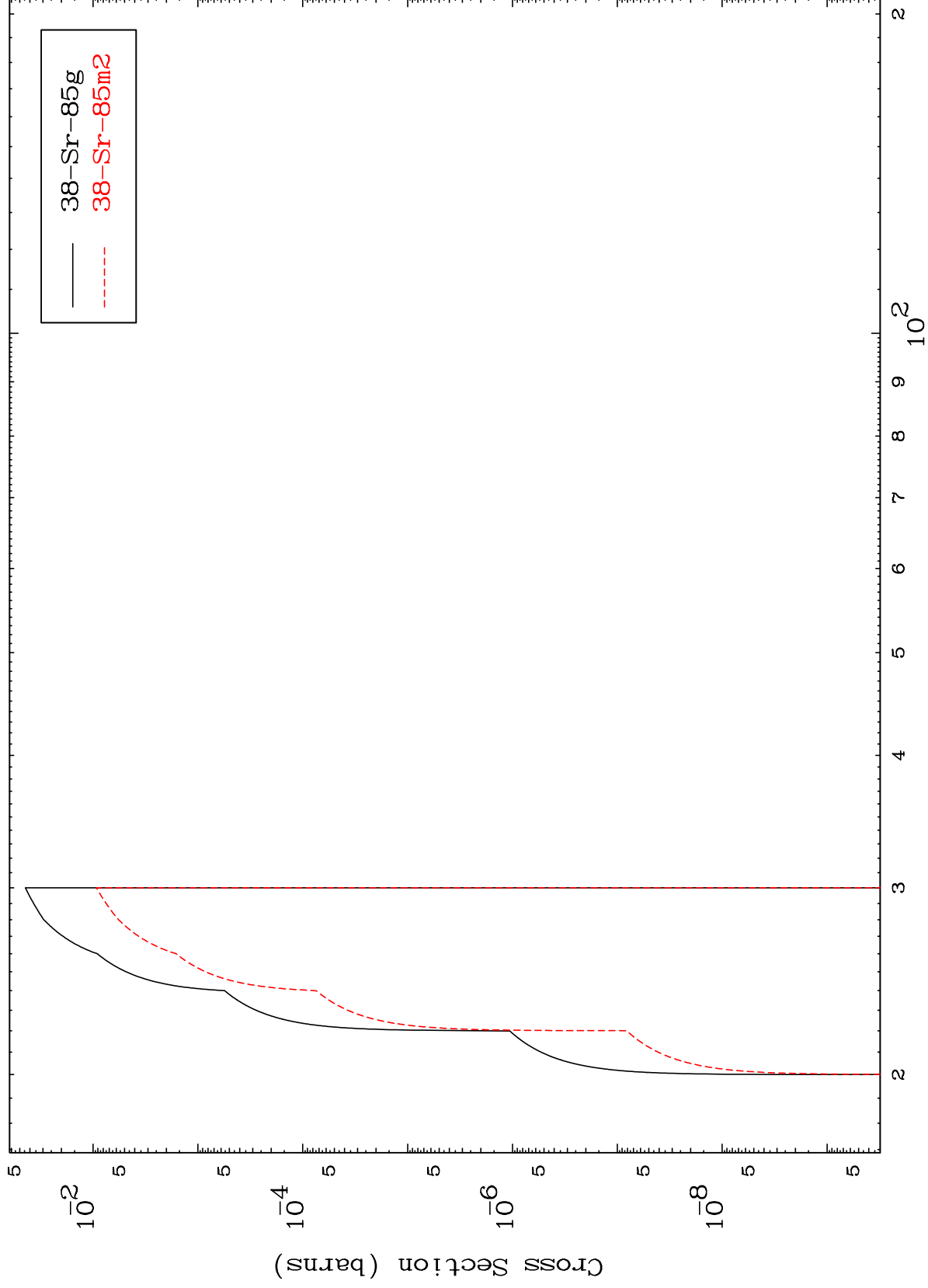


19

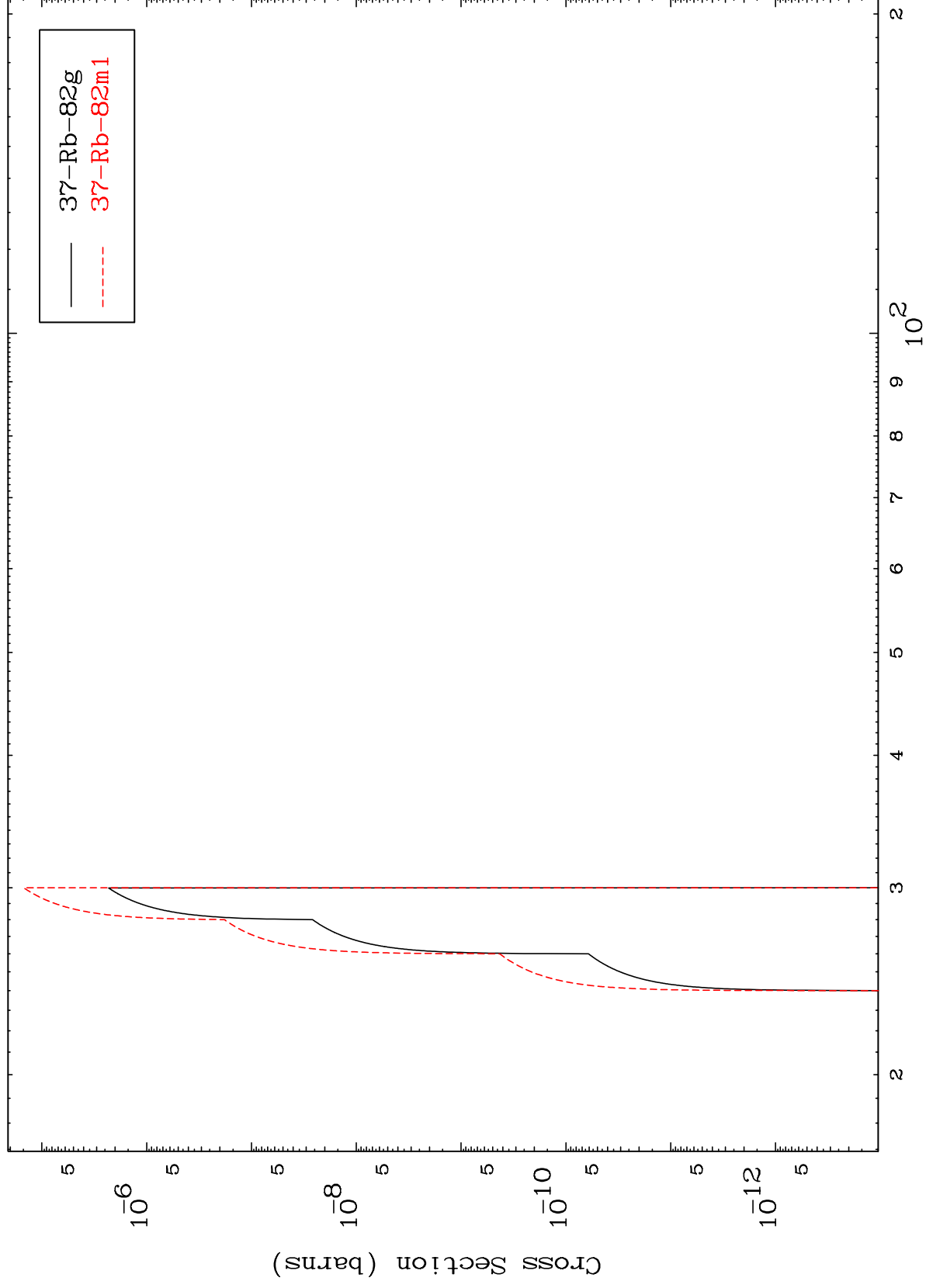
Incident Energy (MeV)

39-Y -87

(n,2n) p
Radionuclide Production Cross Section



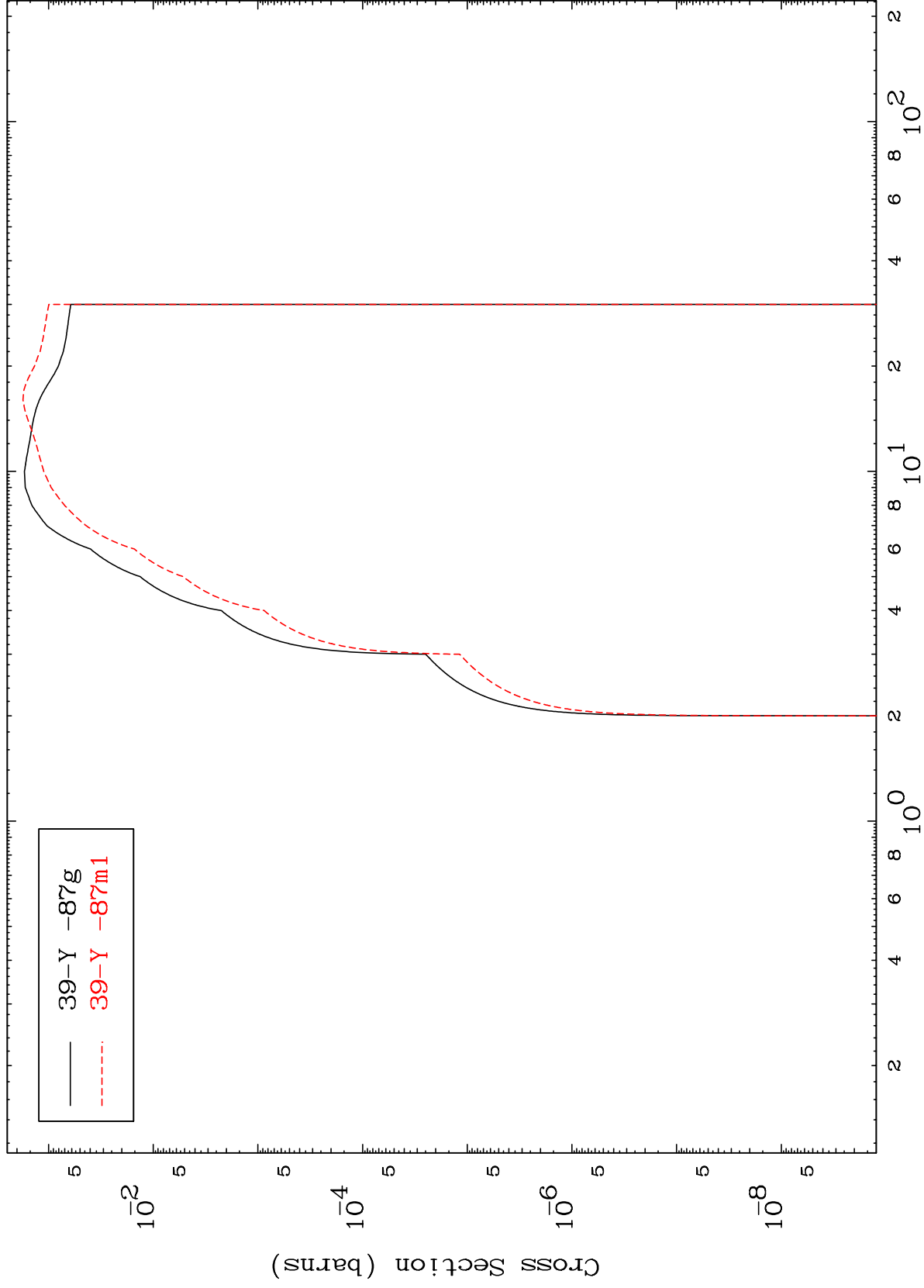
(n,n') p α
Radionuclide Production Cross Section



MAT 3919

39-Y -87

Radionuclide Production Cross Section



22

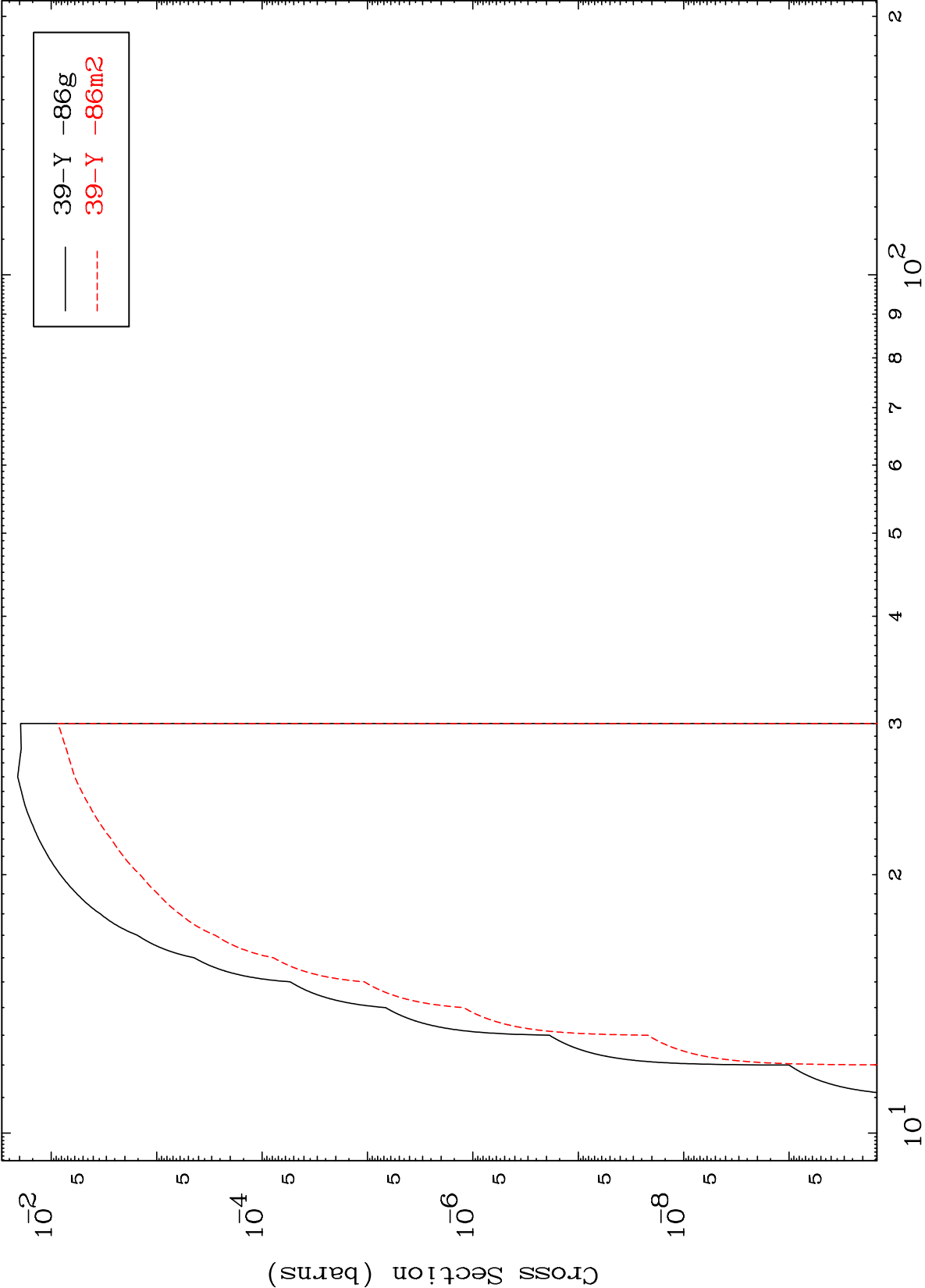
Incident Energy (MeV) 39-Y -87

MAT 3919

(n,d)

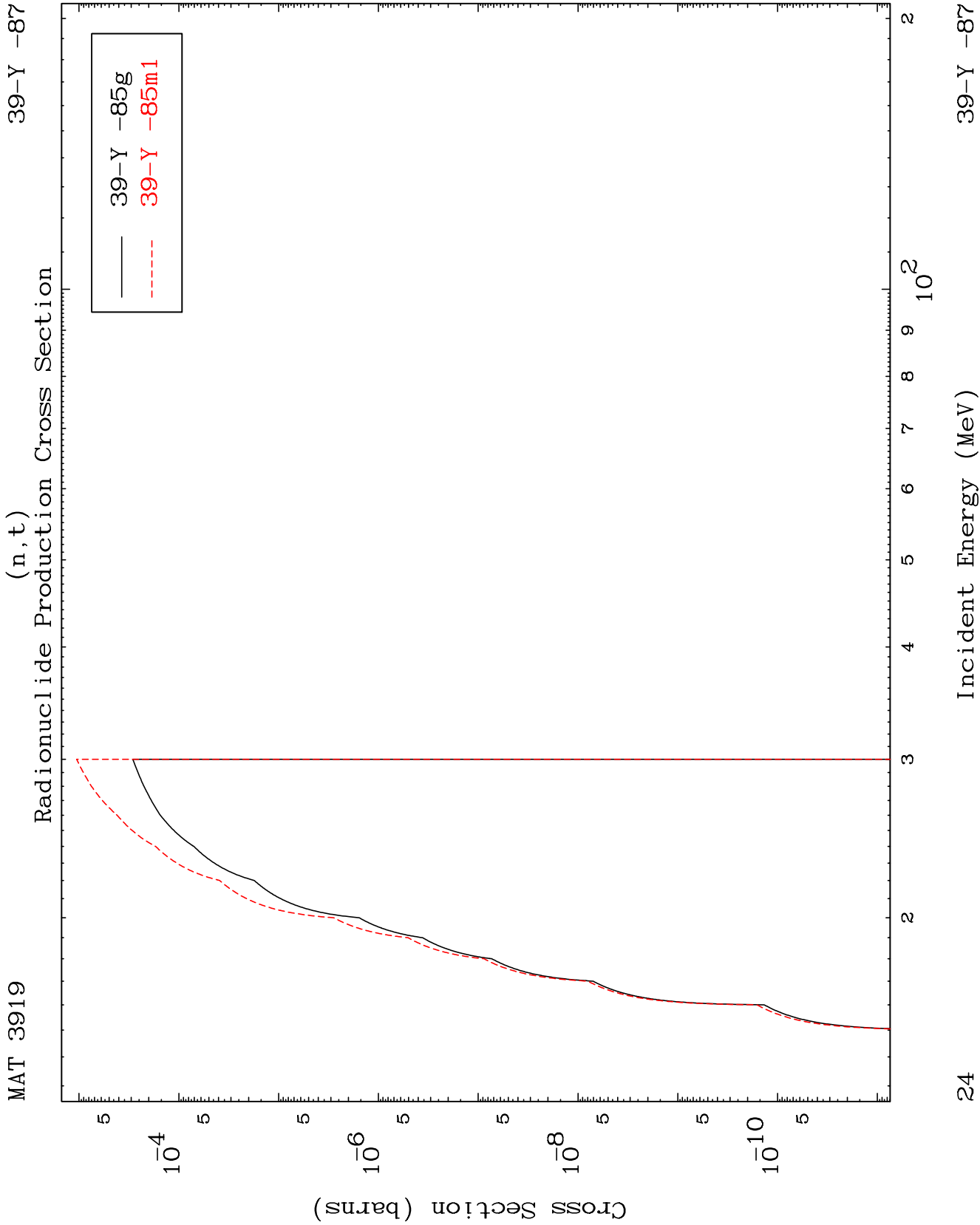
39-Y -87

Radionuclide Production Cross Section

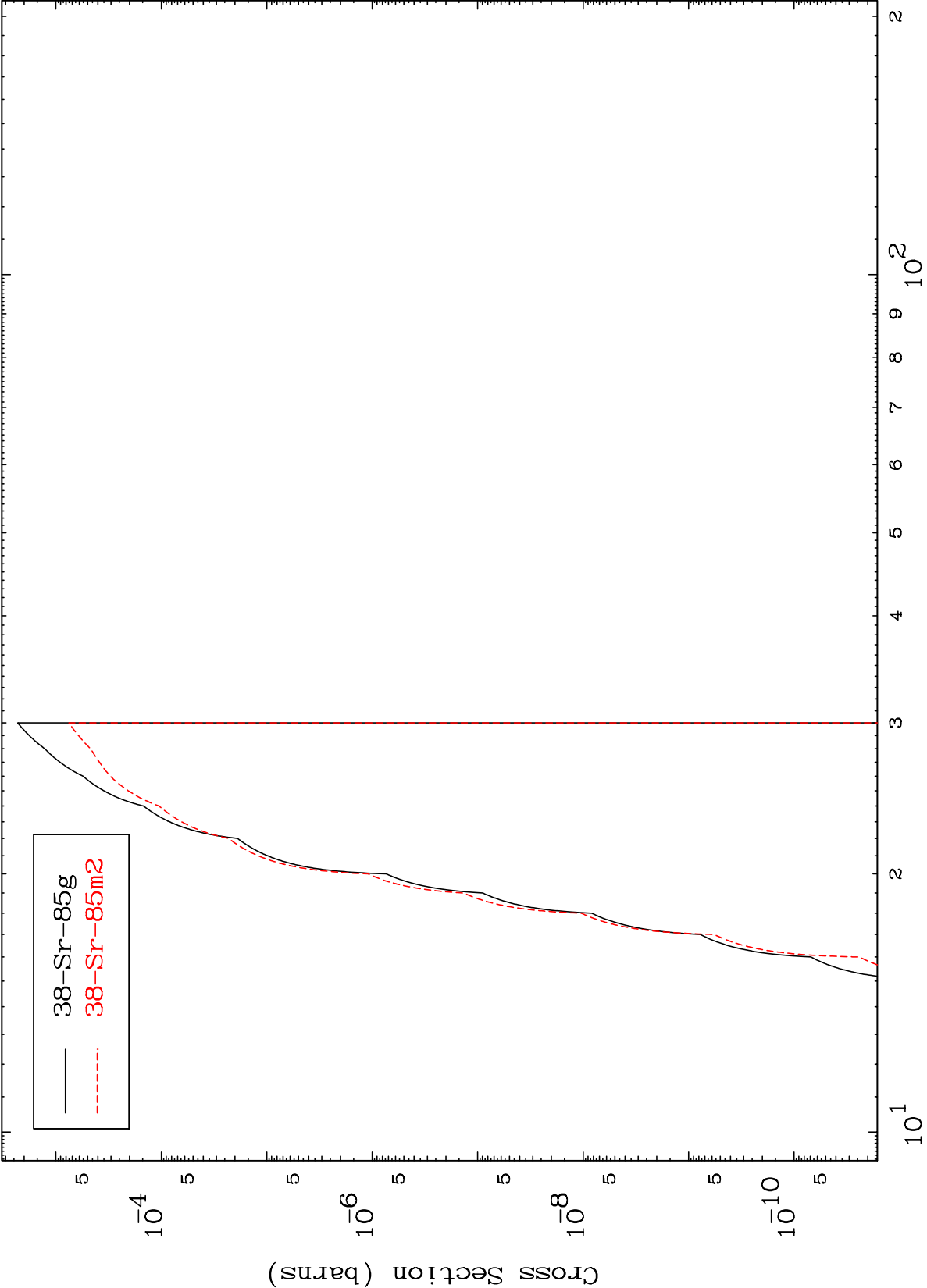


Incident Energy (MeV)

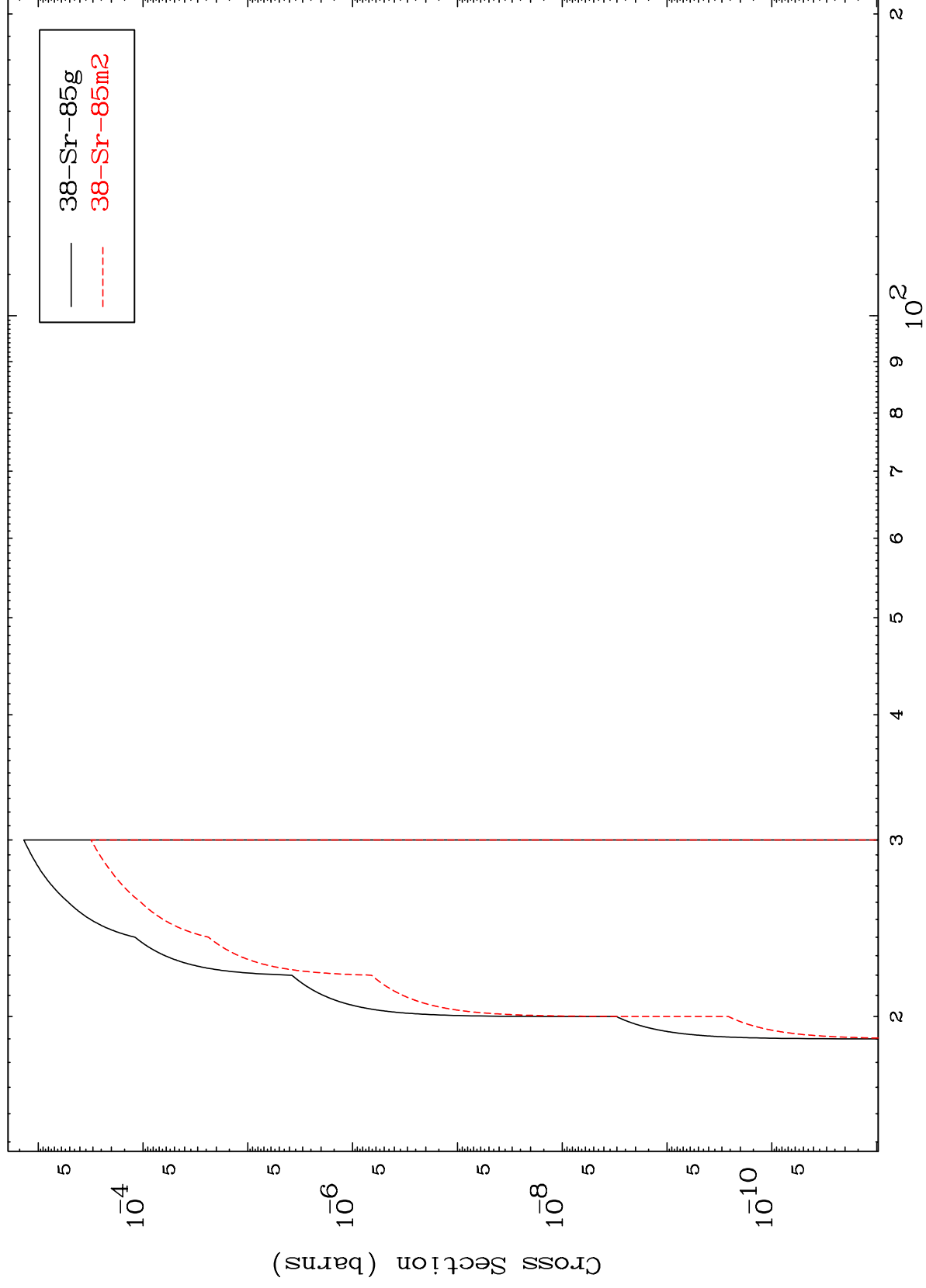
39-Y -87



Radionuclide Production Cross Section



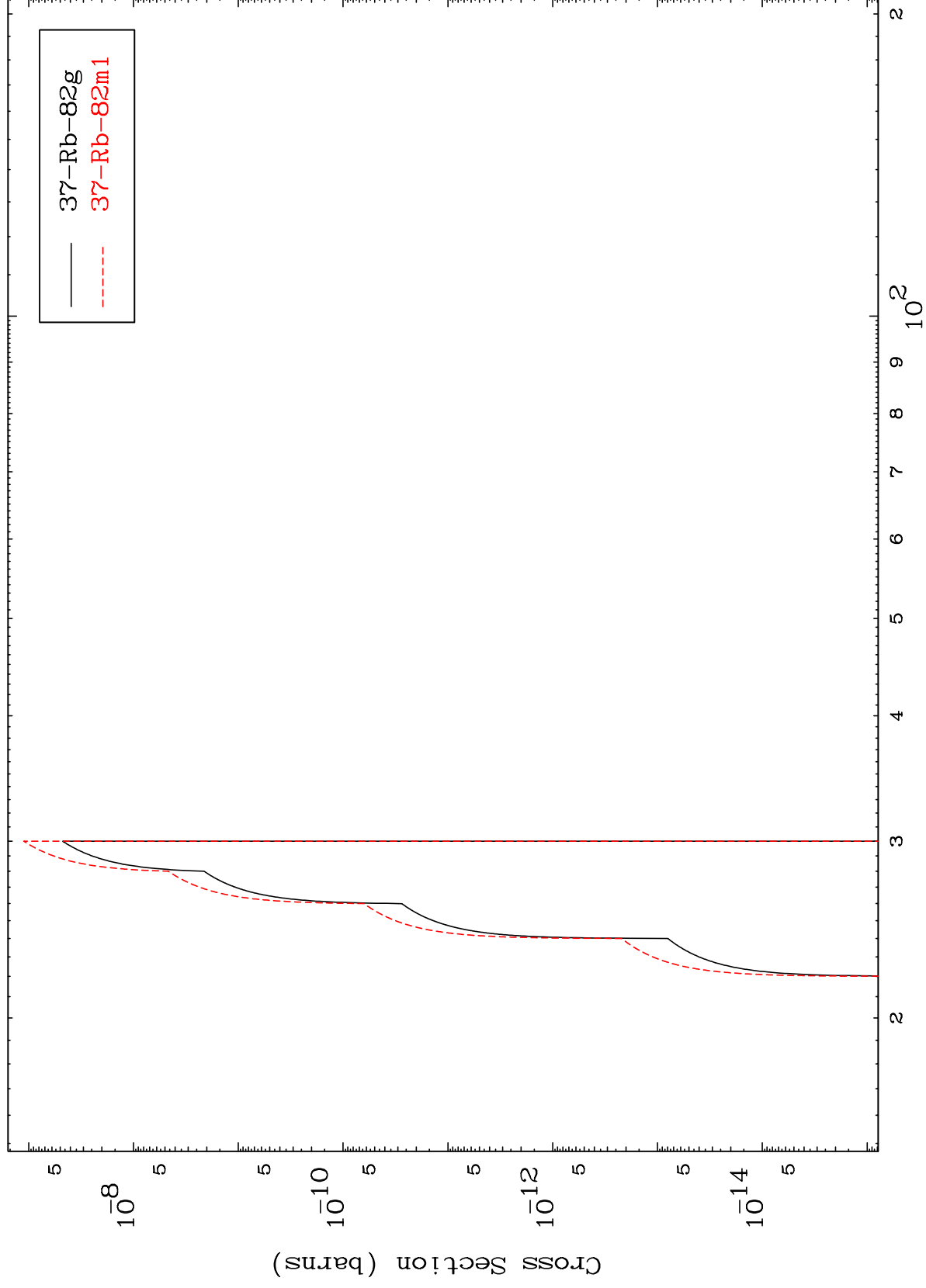
(n,p) d
Radionuclide Production Cross Section



MAT 3919

39-Y -87

(n,d) α
Radionuclide Production Cross Section



27

Incident Energy (MeV)

39-Y -87