

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

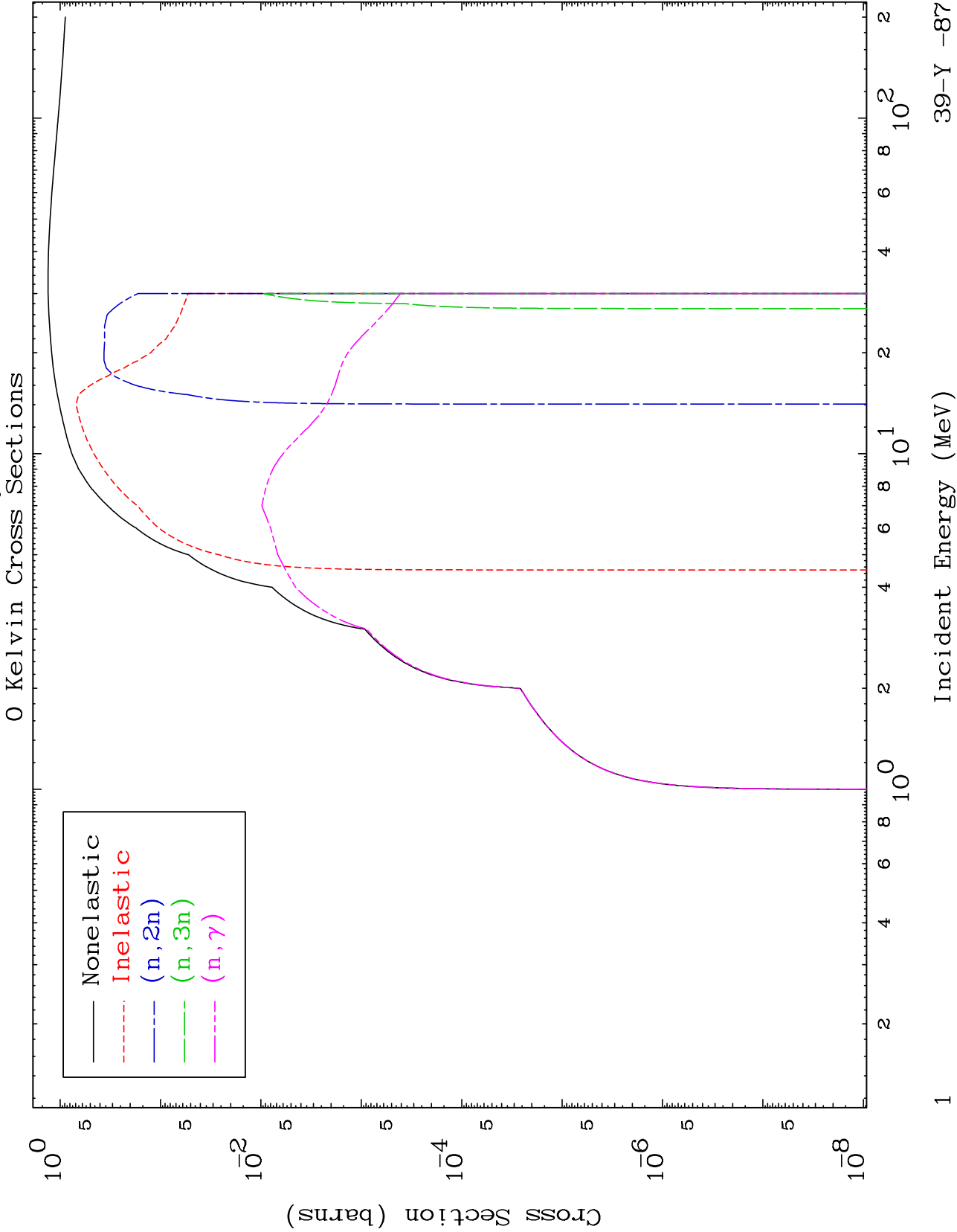
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

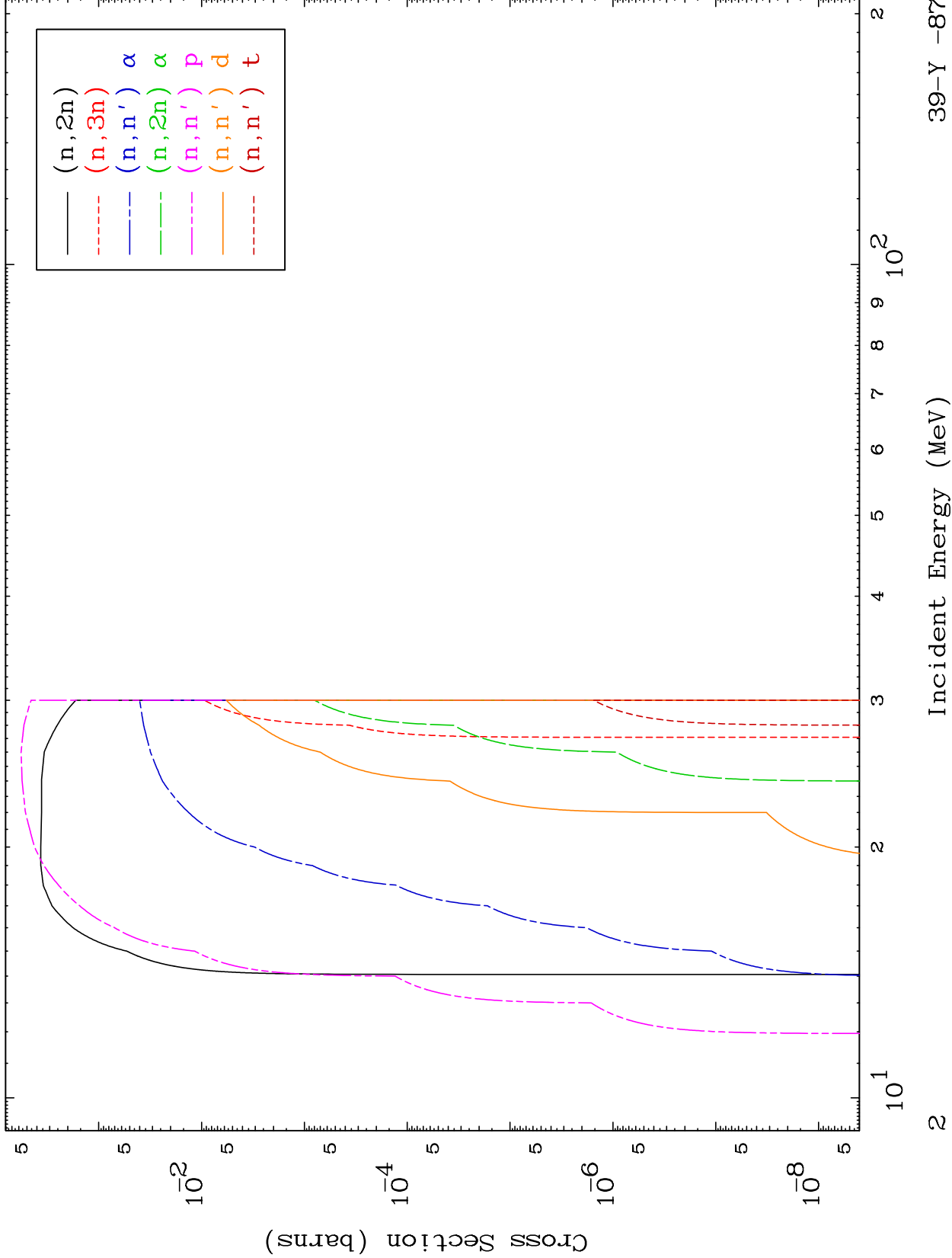
Tele: 925-443-1911

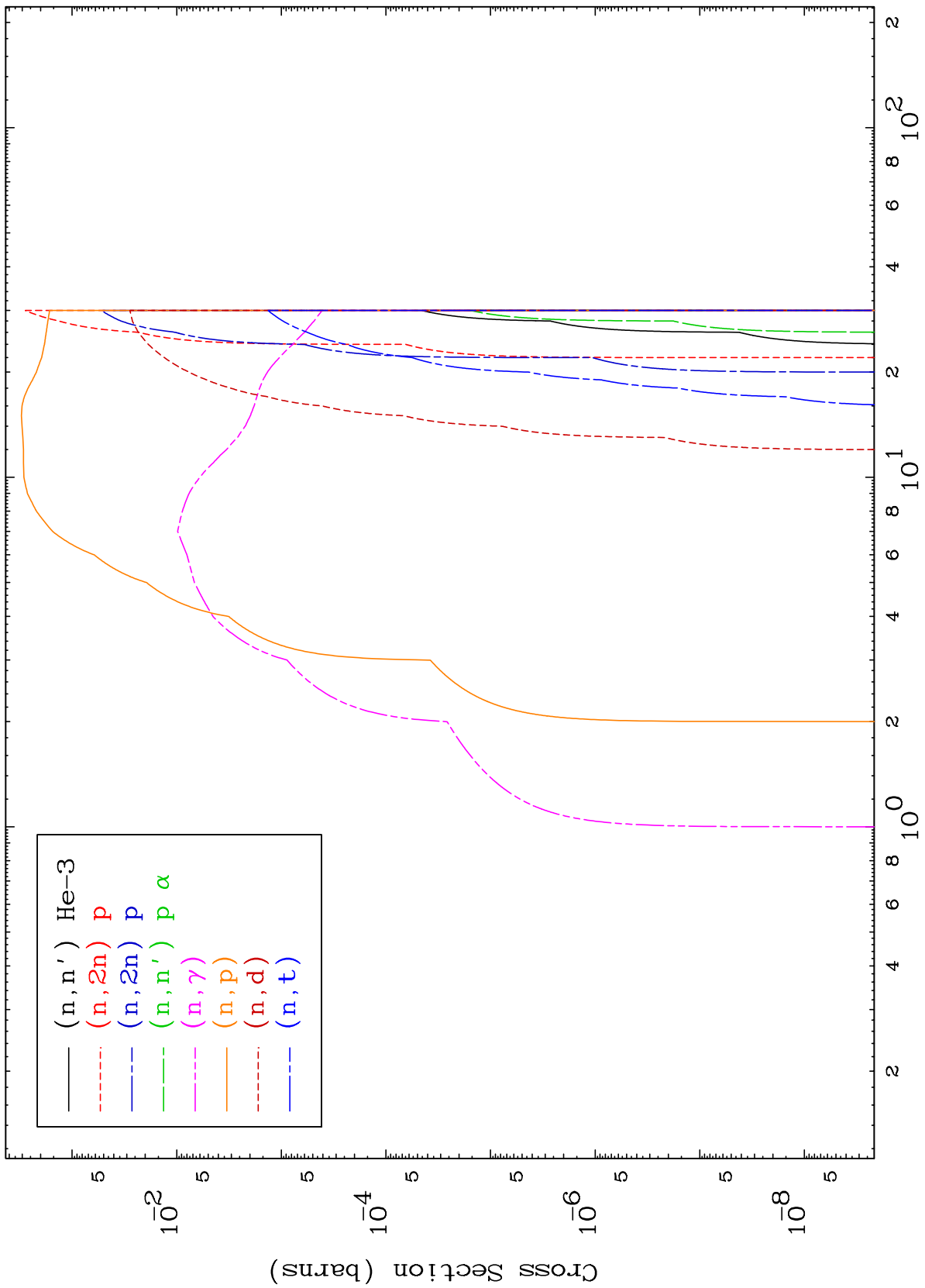
E.Mail:redcullen1@comcast.net

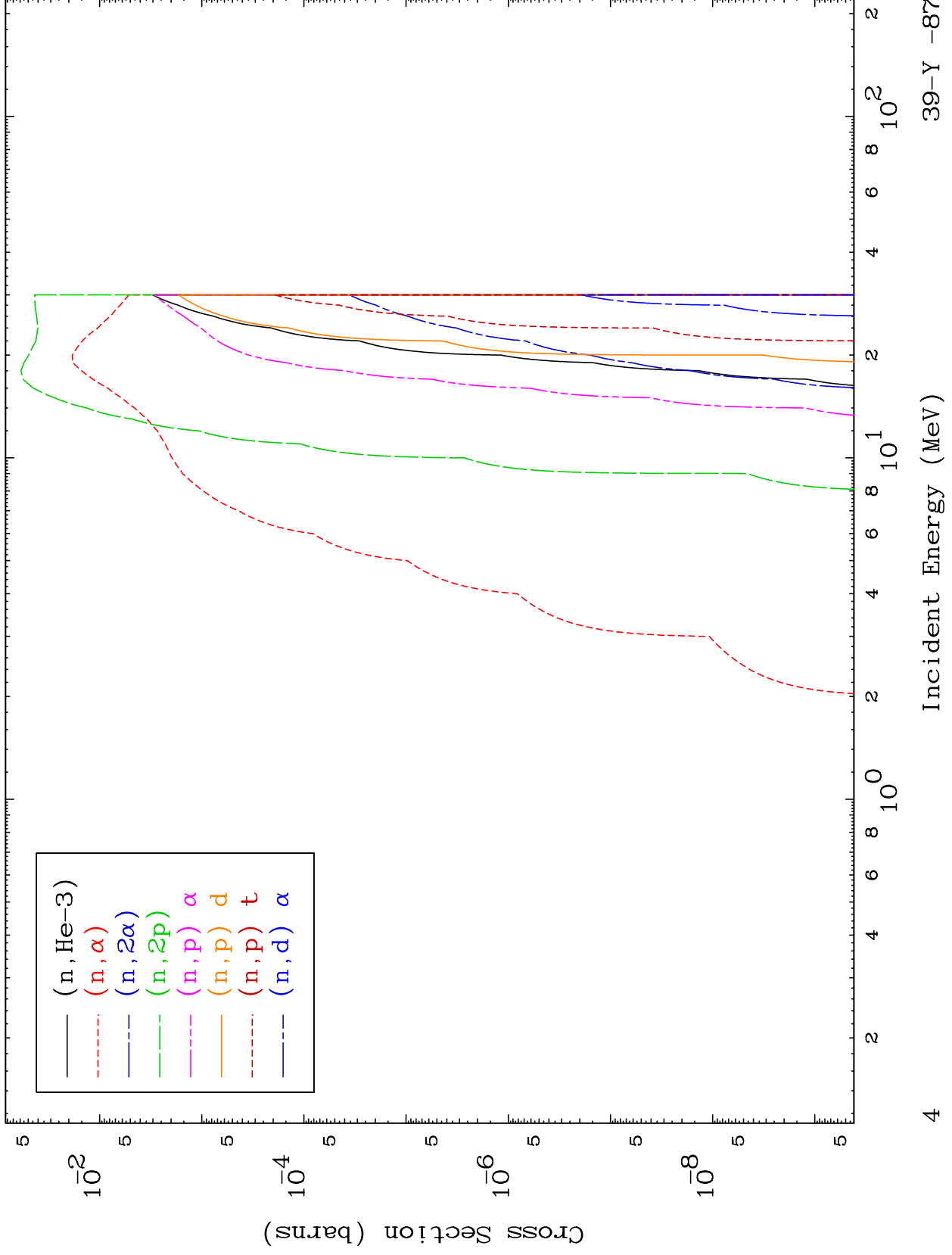
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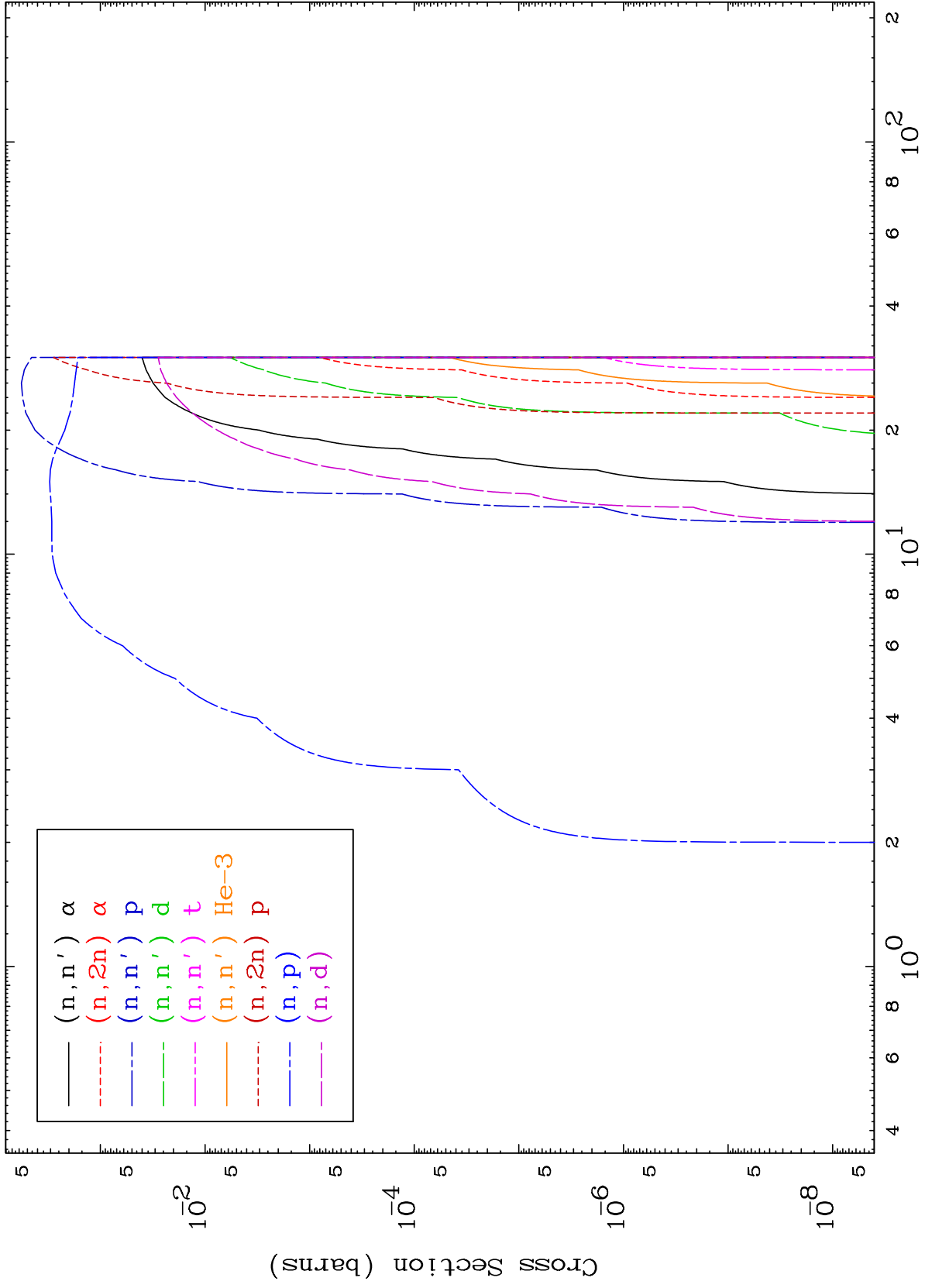
Press Mouse Button to Start

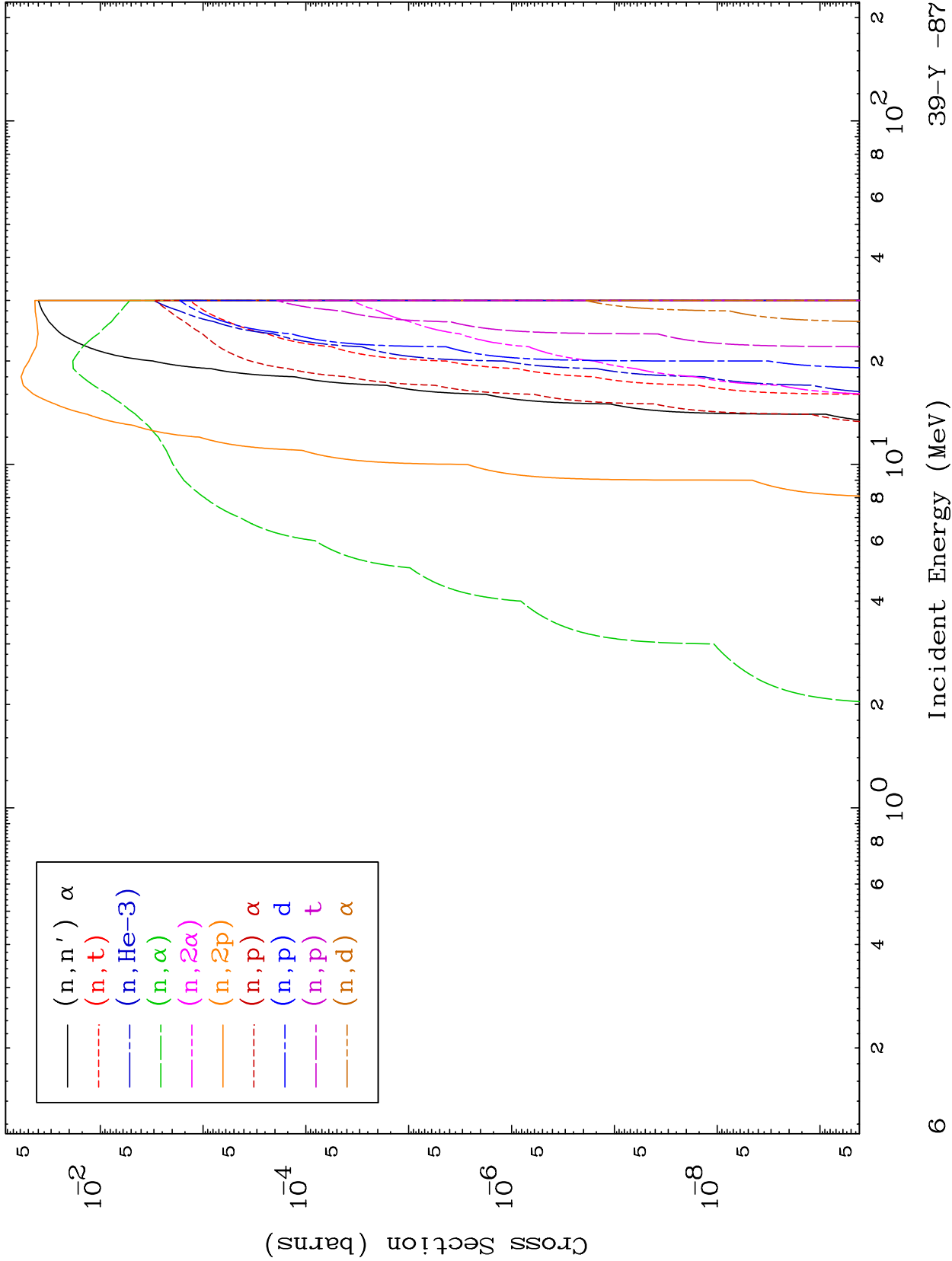








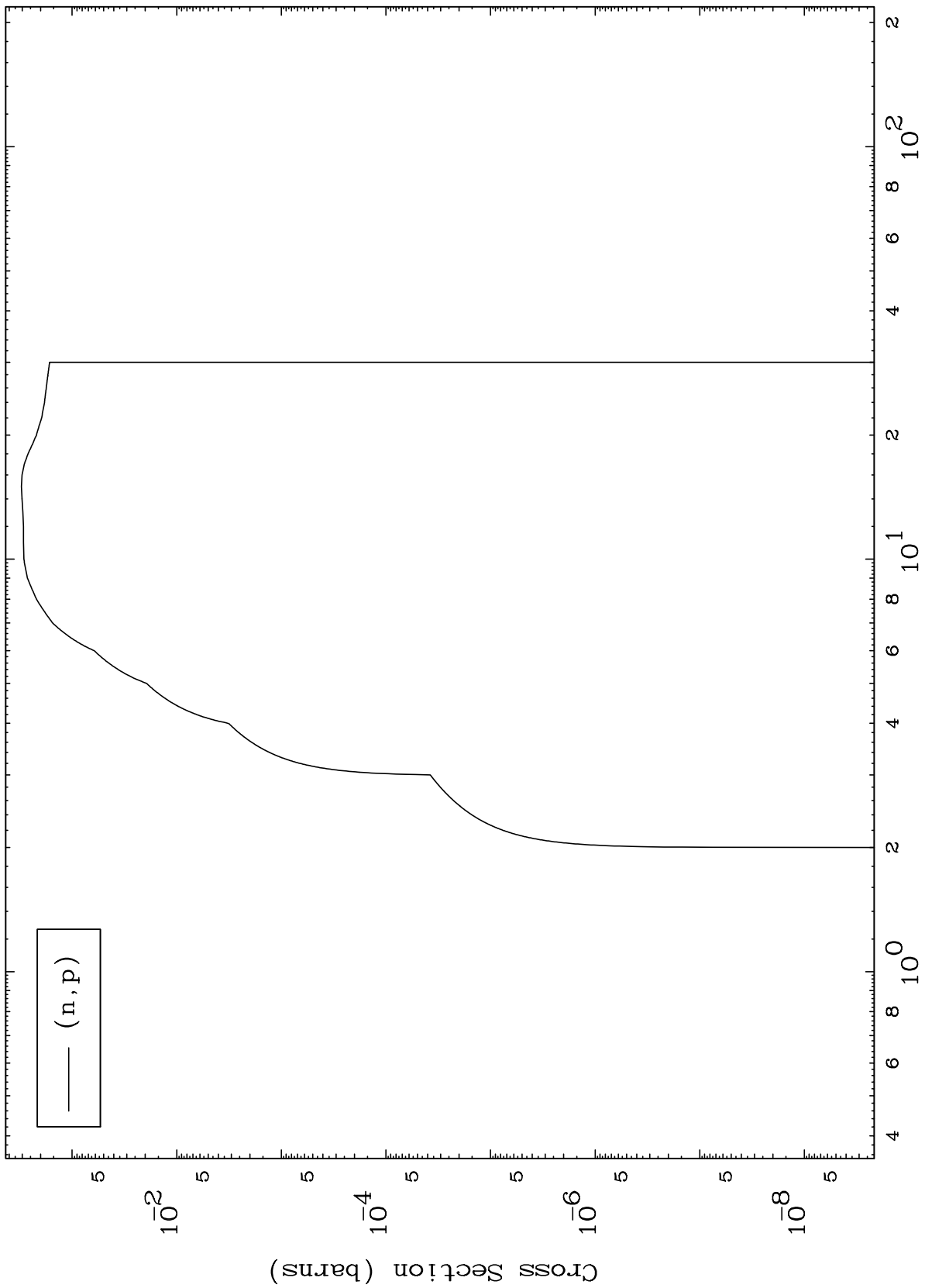




MAT 3919

39-Y -87

(p,p) Levels
0 Kelvin Cross Sections



7

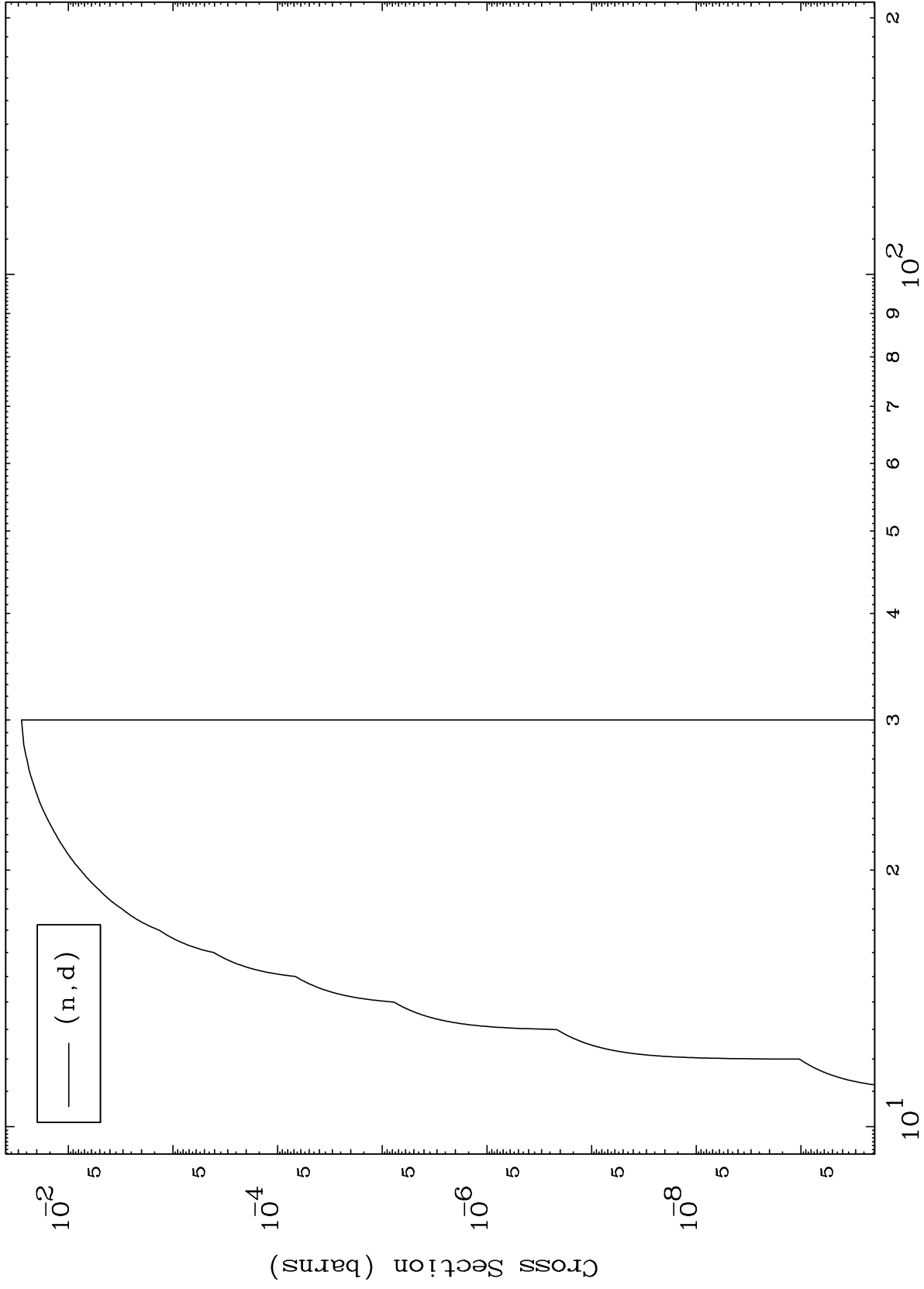
Incident Energy (MeV)

39-Y -87

MAT 3919

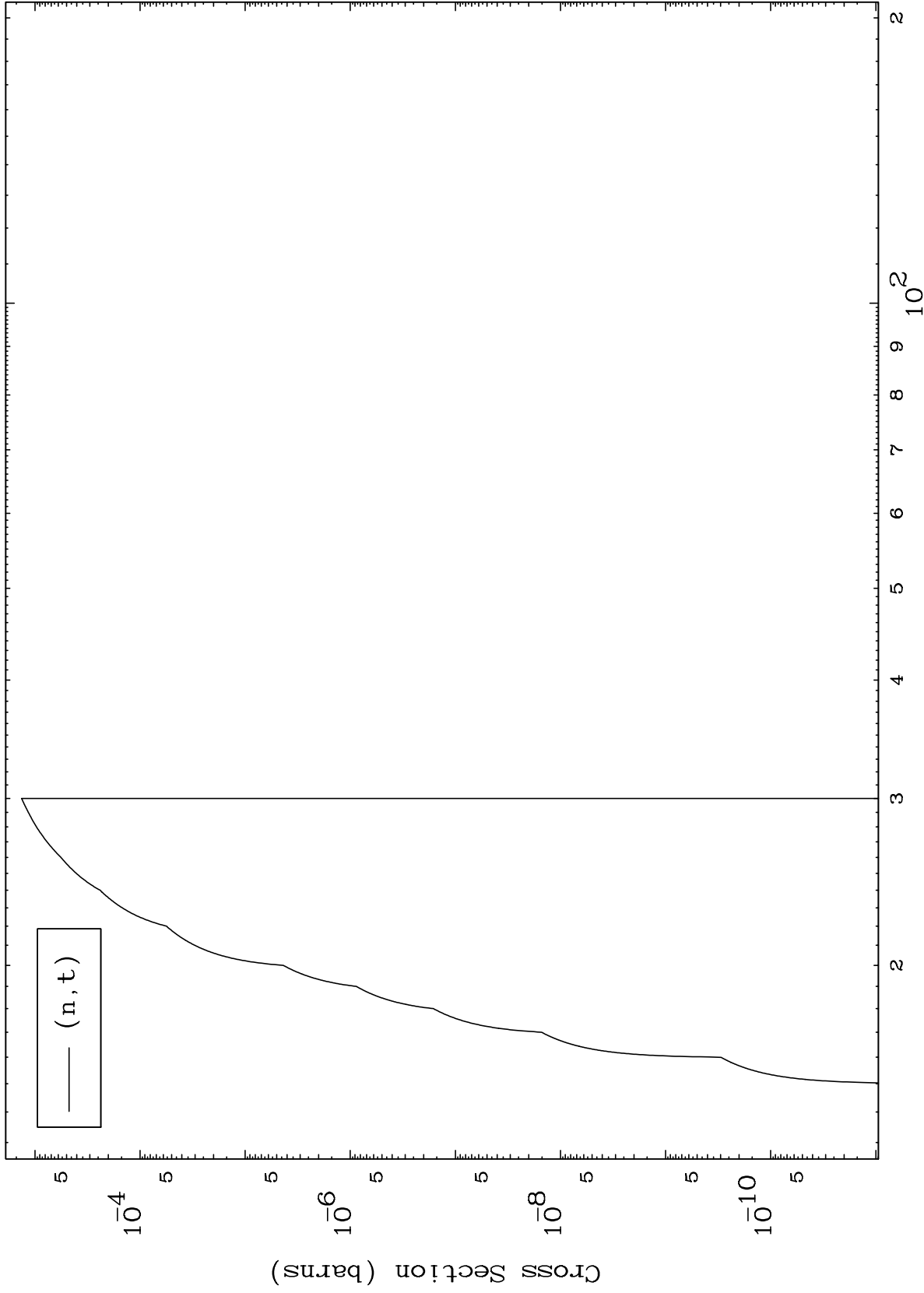
(p,d) Levels
0 Kelvin Cross Sections

39-Y -87



Incident Energy (MeV)

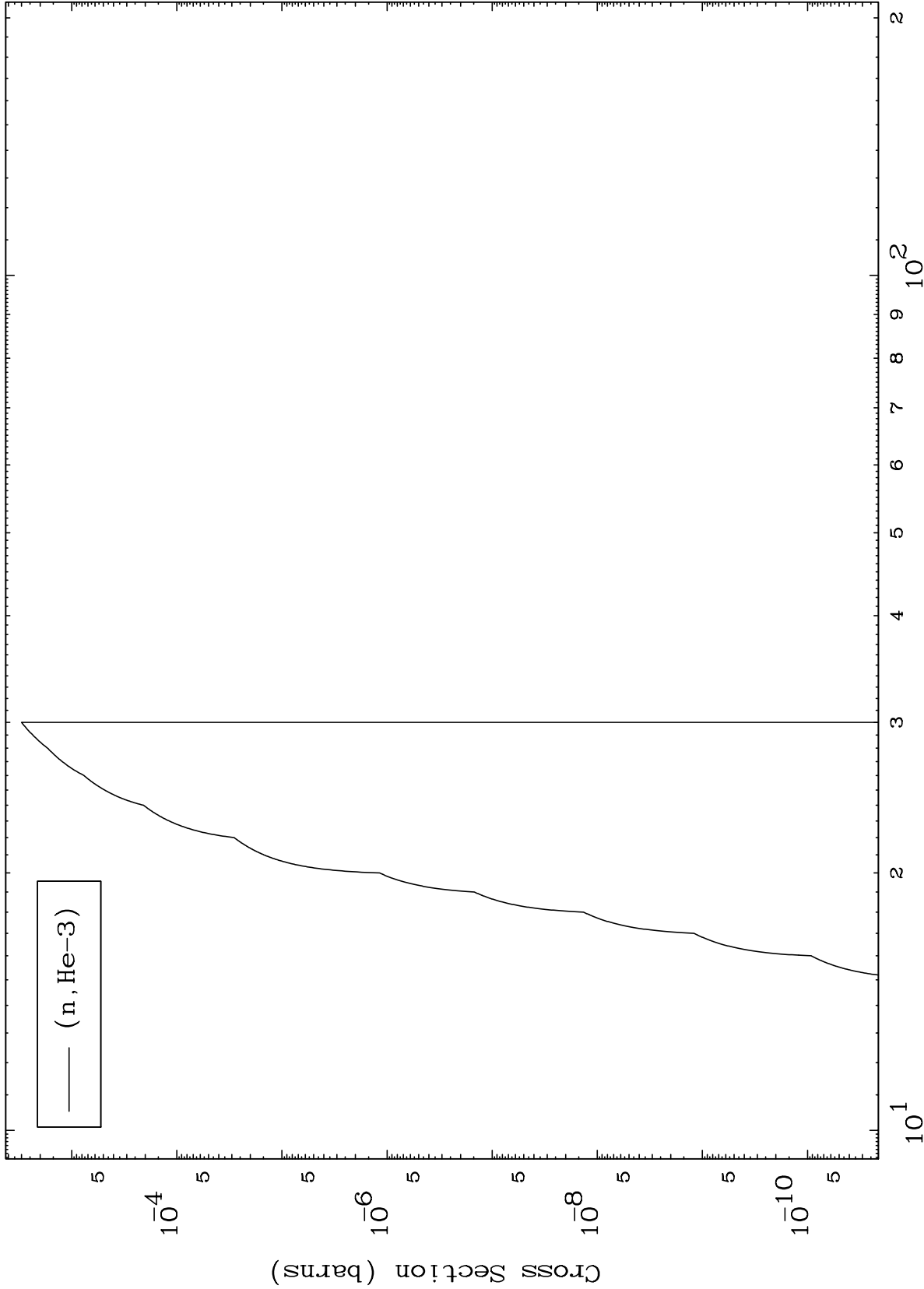
39-Y -87



MAT 3919

(p,He3) Levels
0 Kelvin Cross Sections

39-Y -87



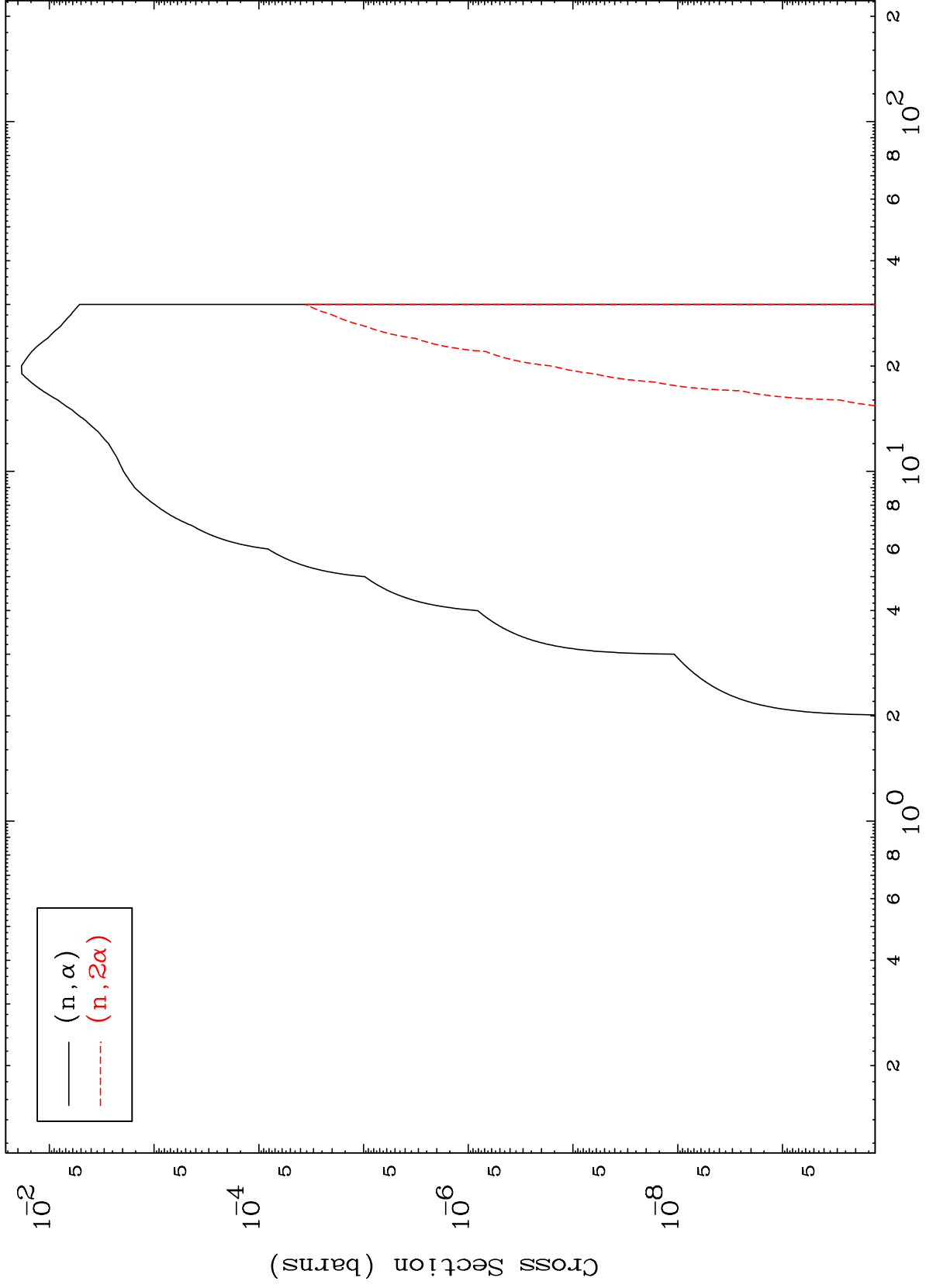
Incident Energy (MeV)

39-Y -87

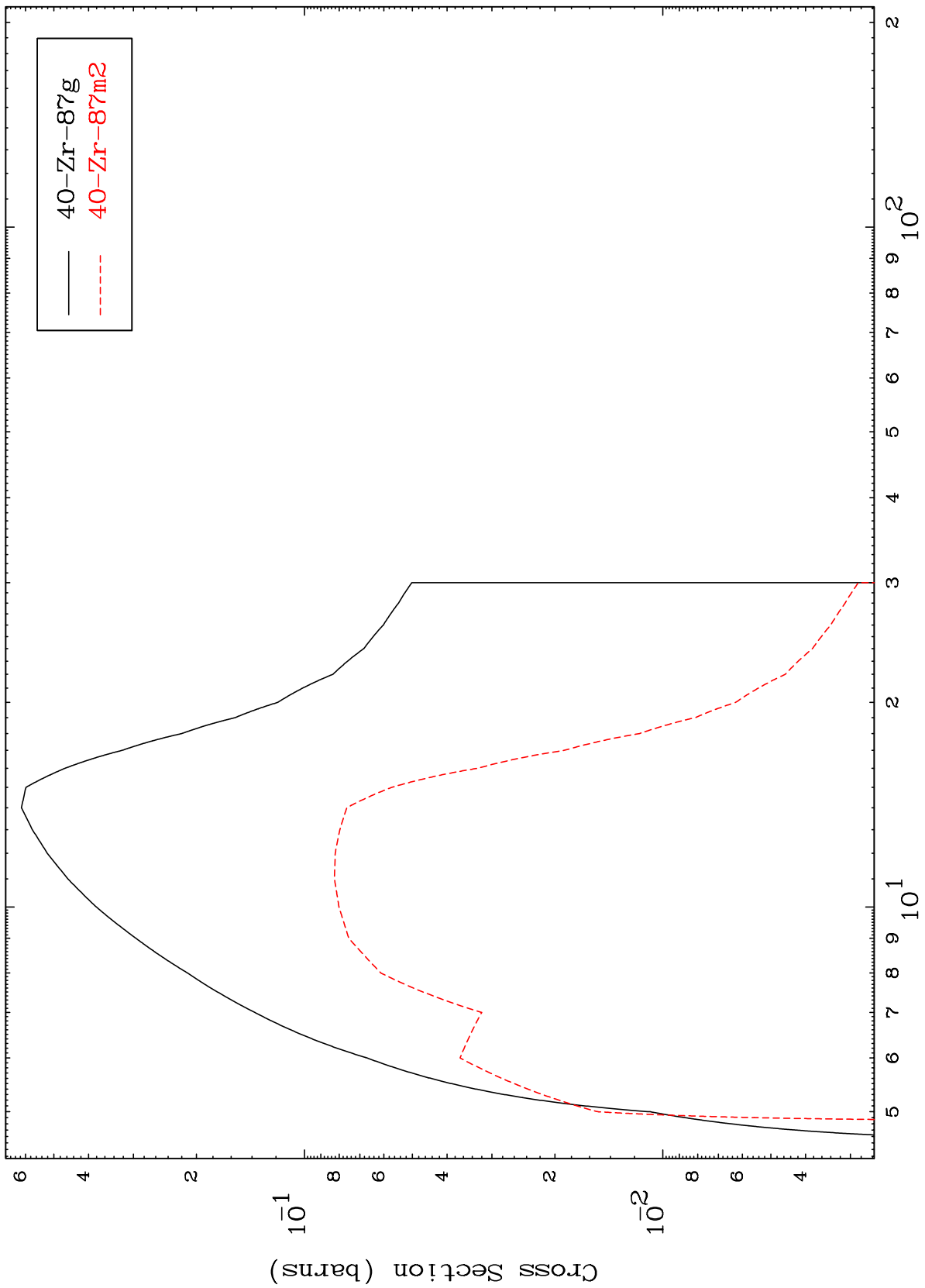
MAT 3919

(p, α) Levels
0 Kelvin Cross Sections

39-Y -87



Inelastic
Radionuclide Production Cross Section

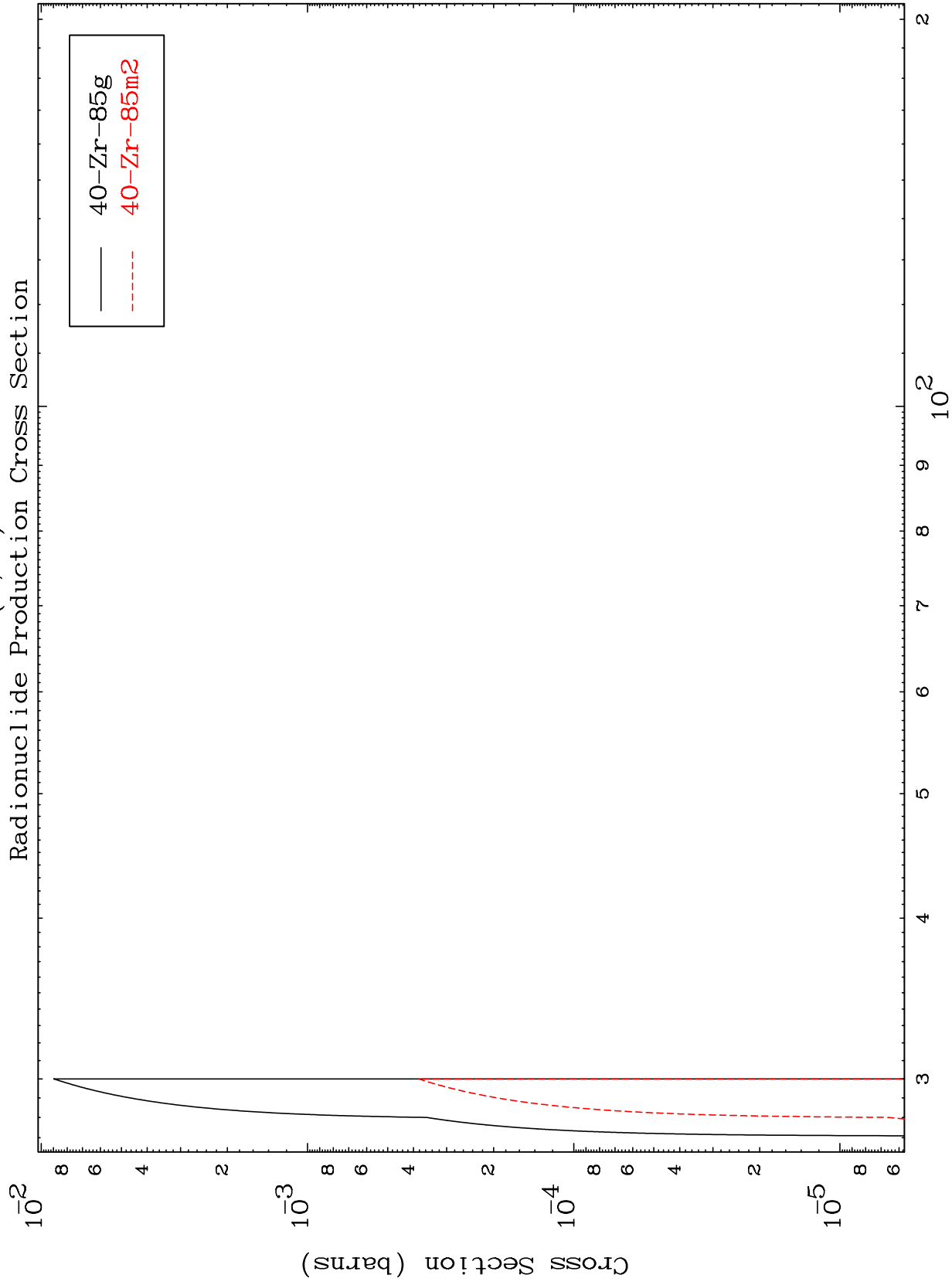


MAT 3919

(n,3n)

39-Y -87

Radionuclide Production Cross Section



13

Incident Energy (MeV)

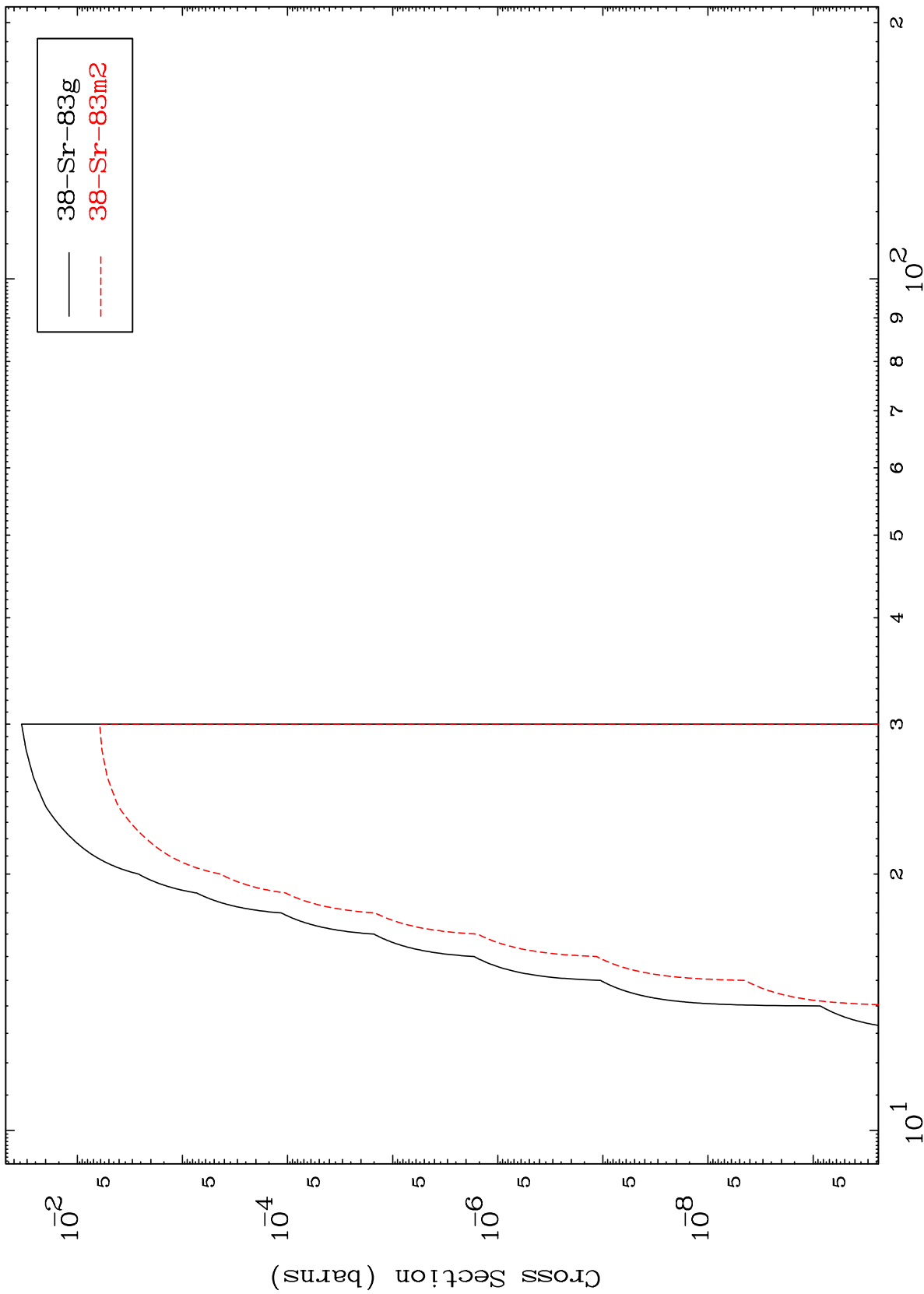
39-Y -87

MAT 3919

$(n, n') \alpha$

39-Y -87

Radionuclide Production Cross Section



Incident Energy (MeV)

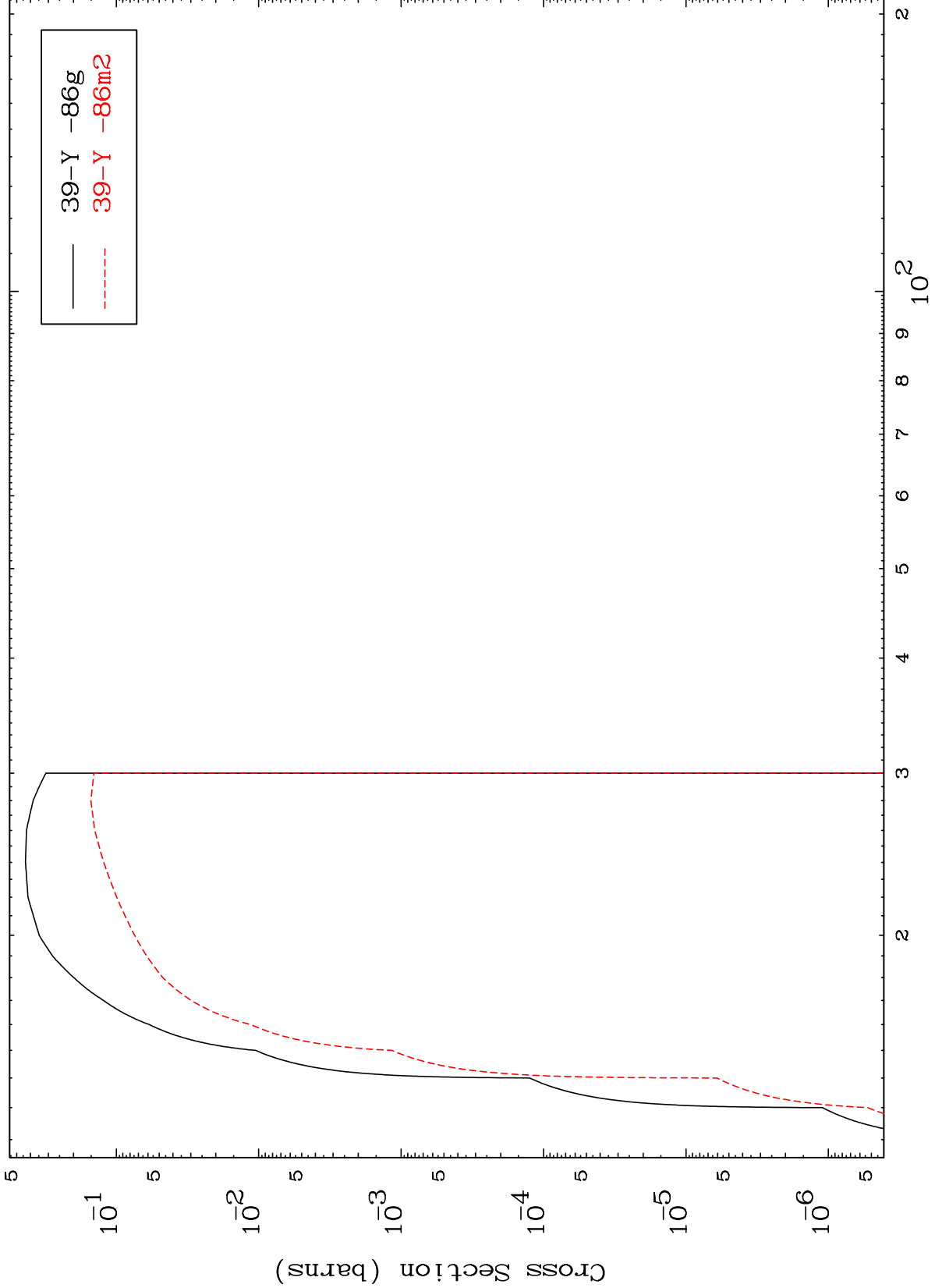
39-Y -87

MAT 3919

(n,n') p

39-Y -87

Radionuclide Production Cross Section



39-Y -86g
39-Y -86m2

15

Incident Energy (MeV)

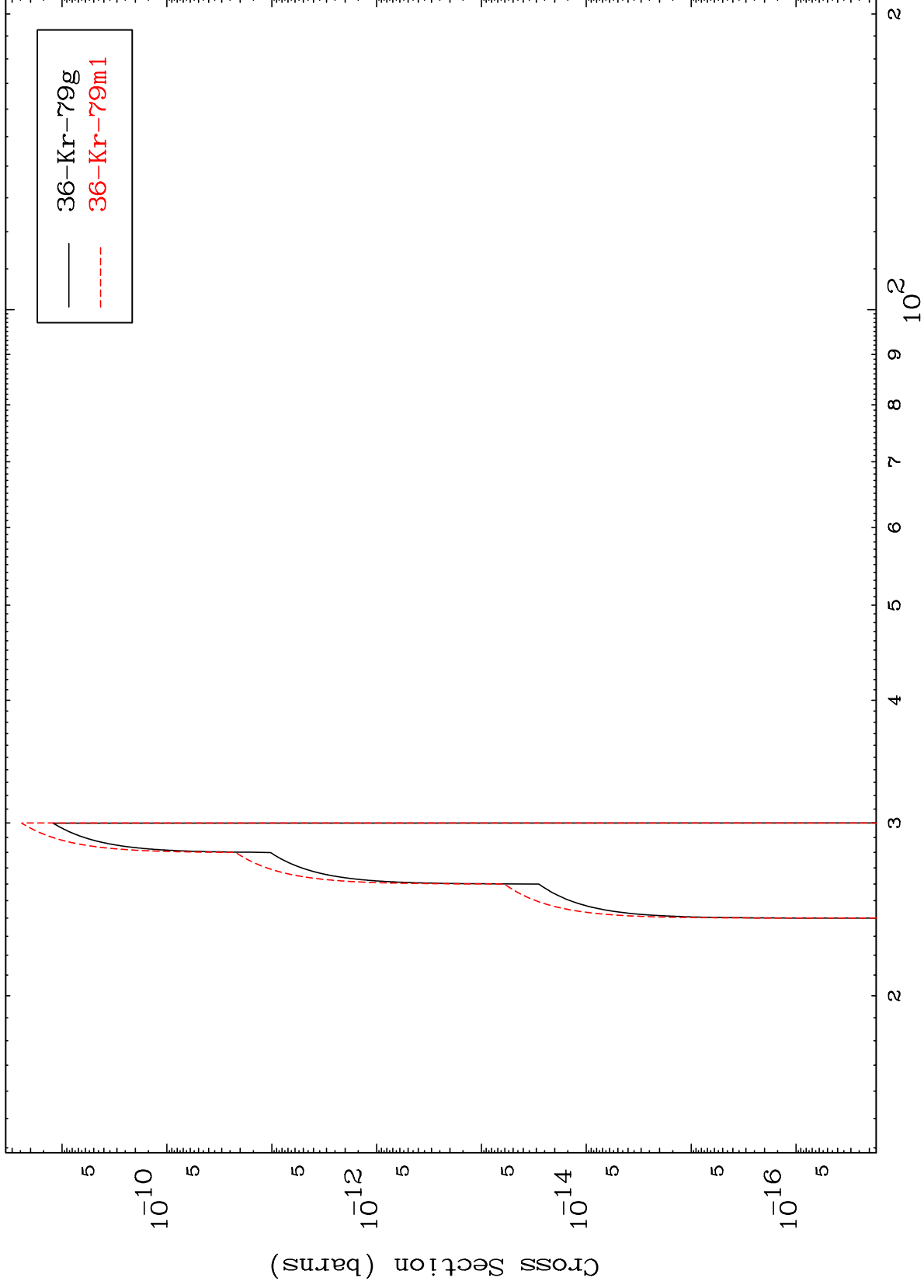
39-Y -87

MAT 3919

(n,n') 2α

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

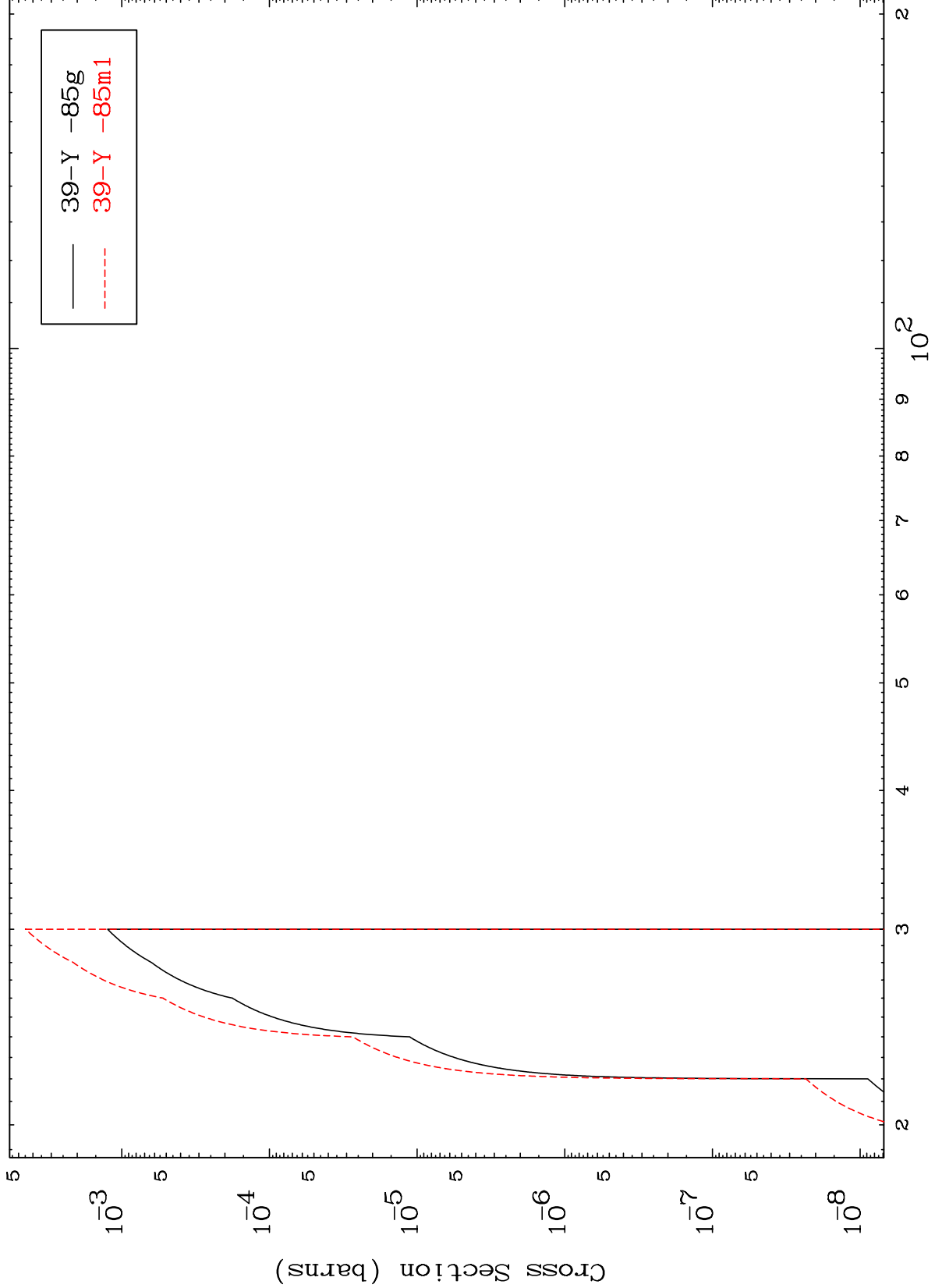
39-Y -87

MAT 3919

(n,n') d

39-Y -87

Radionuclide Production Cross Section



17

Incident Energy (MeV)

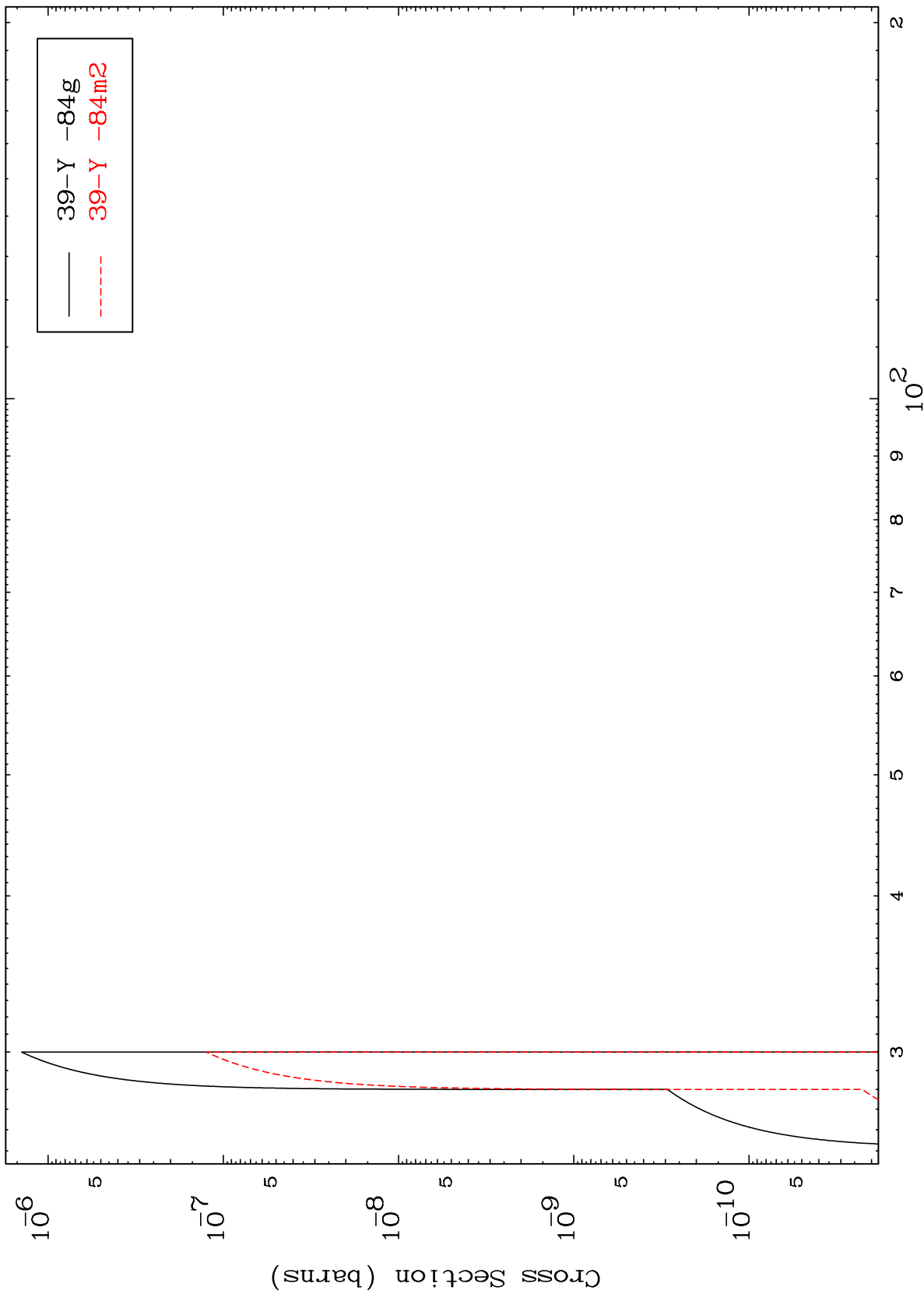
39-Y -87

MAT 3919

(n,n') t

39-Y -87

Radionuclide Production Cross Section



18

Incident Energy (MeV)

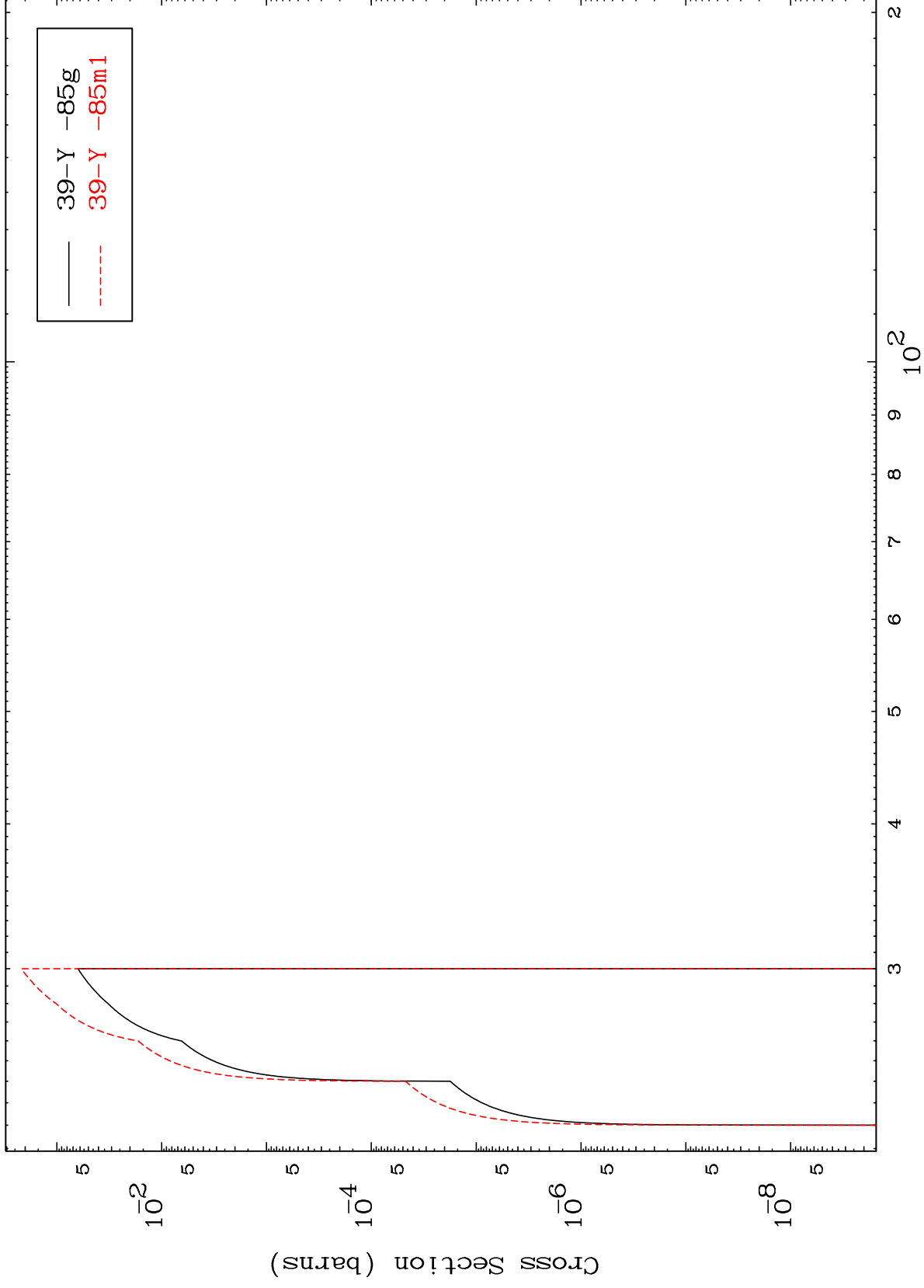
39-Y -87

MAT 3919

(n,2n) p

39-Y -87

Radionuclide Production Cross Section

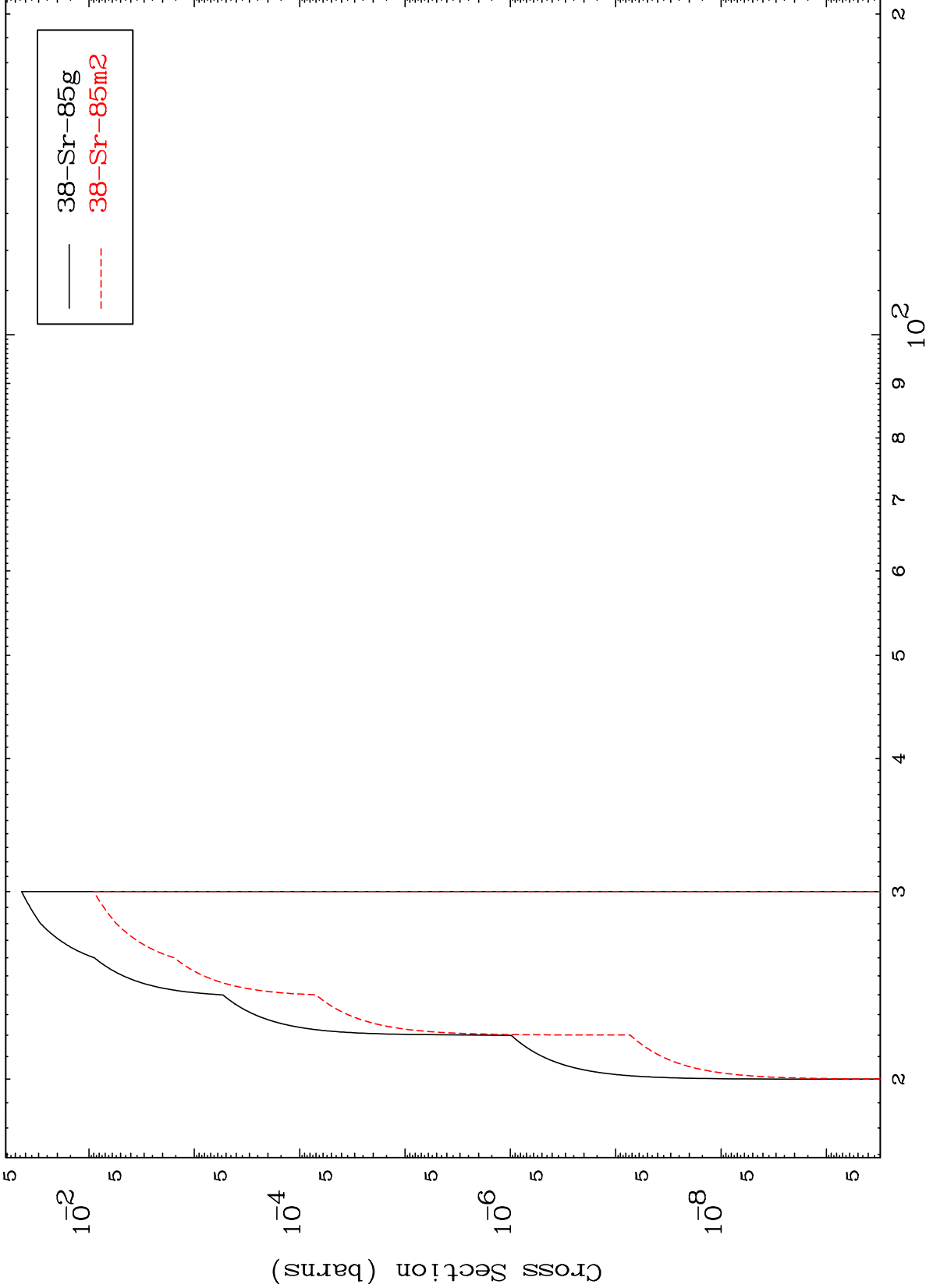


19

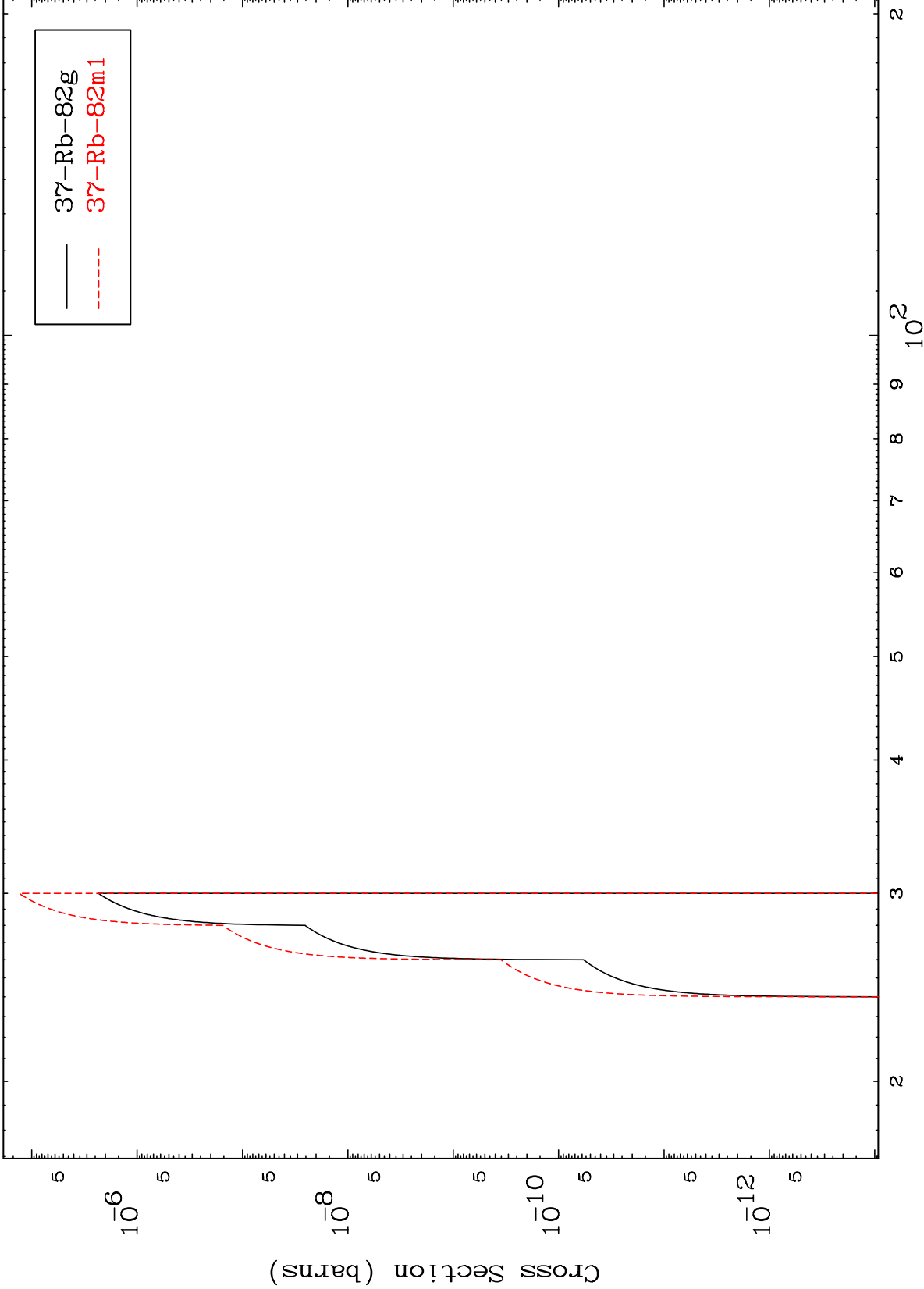
Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

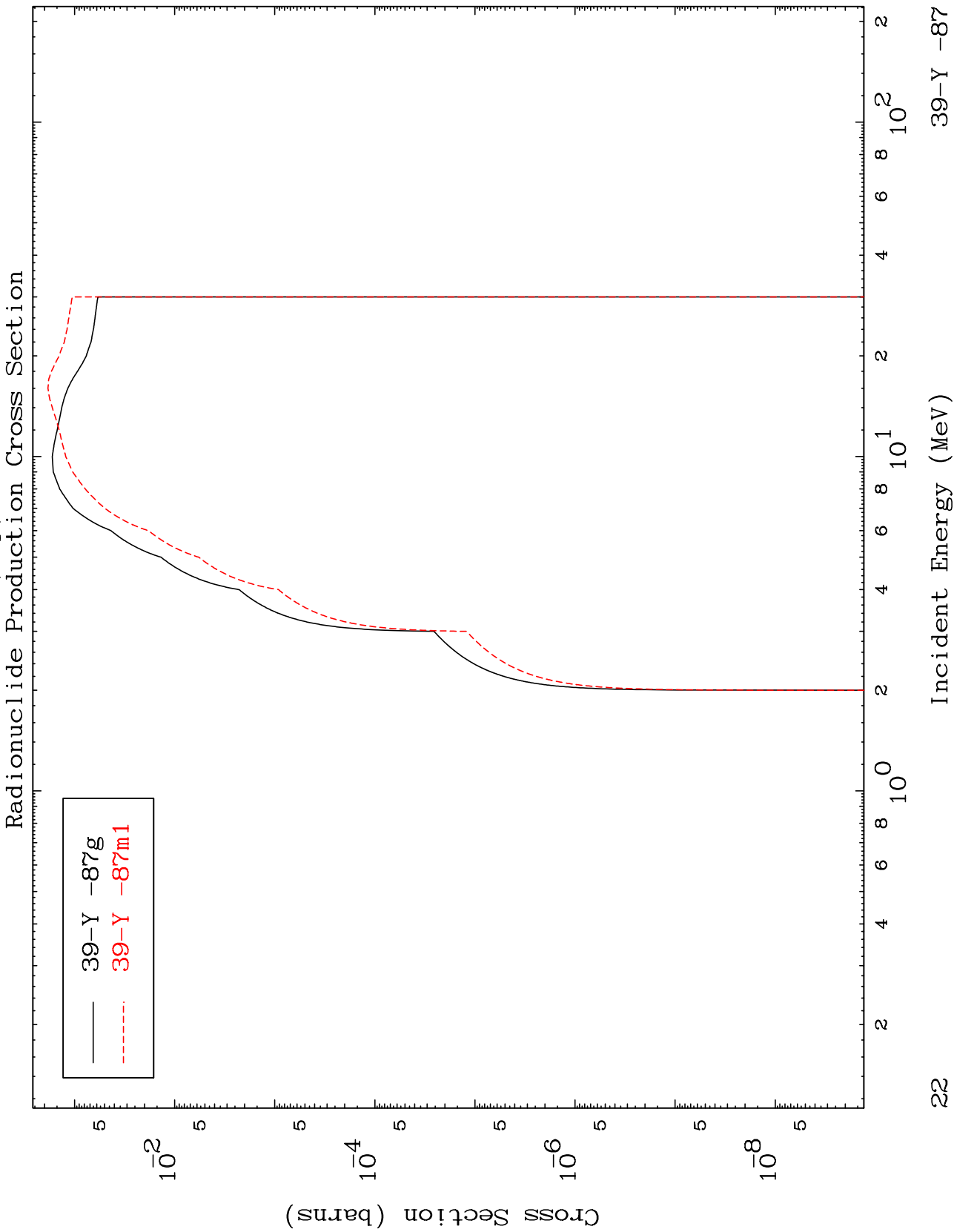


Radionuclide Production Cross Section



MAT 3919

39-Y -87



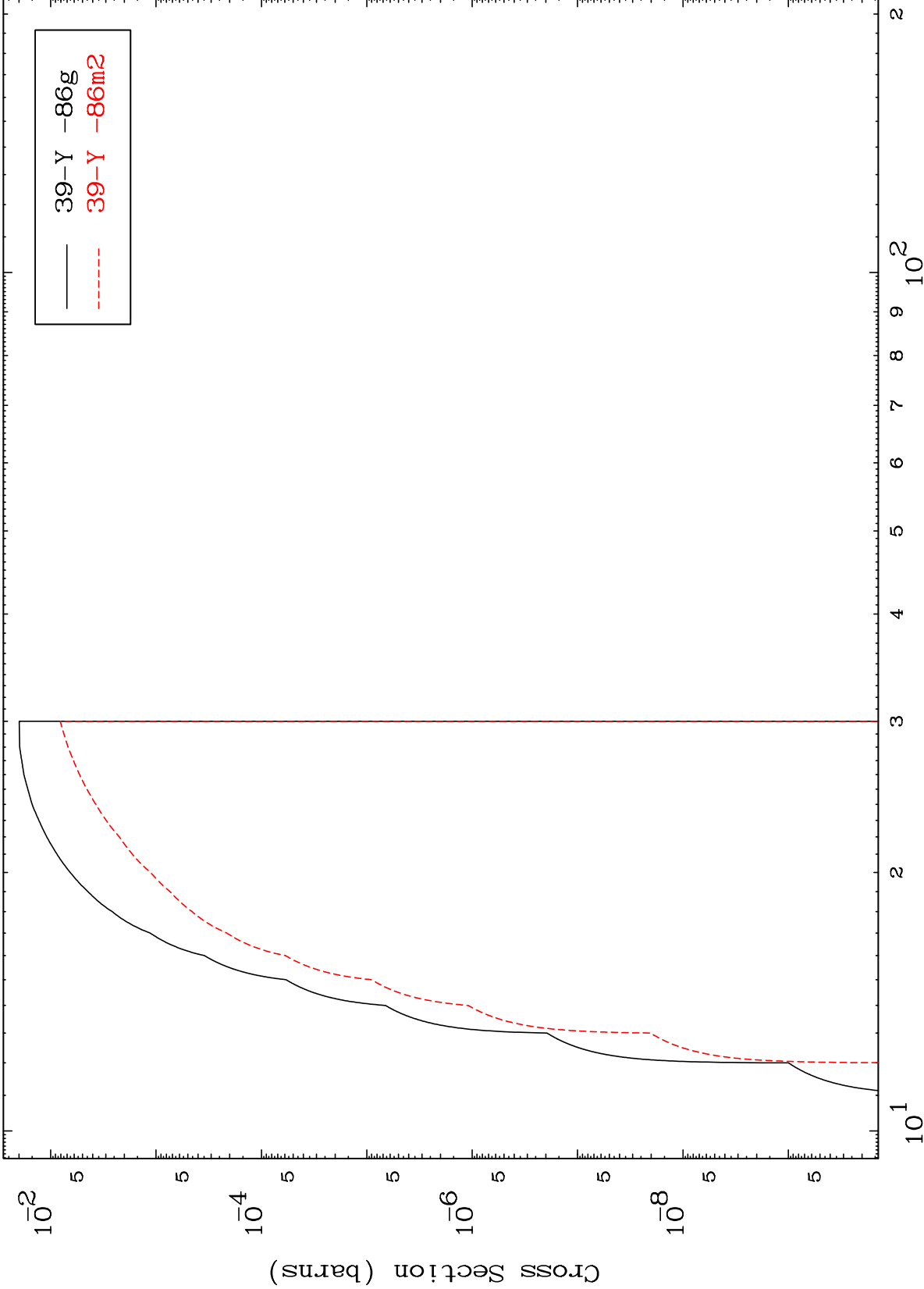
39-Y -87

MAT 3919

(n,d)

39-Y -87

Radionuclide Production Cross Section



23

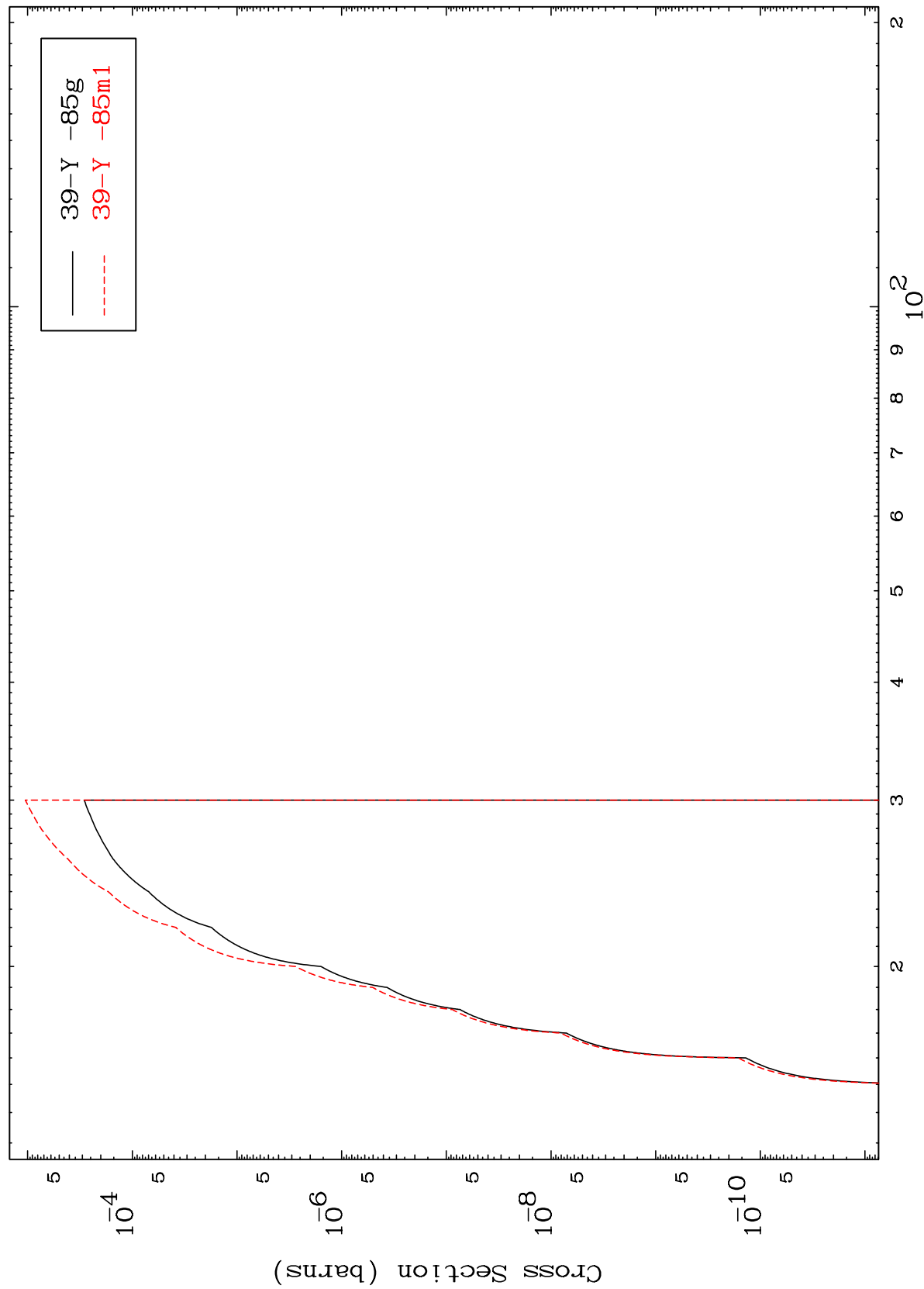
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

(n,t)
Radionuclide Production Cross Section



24

39-Y -87

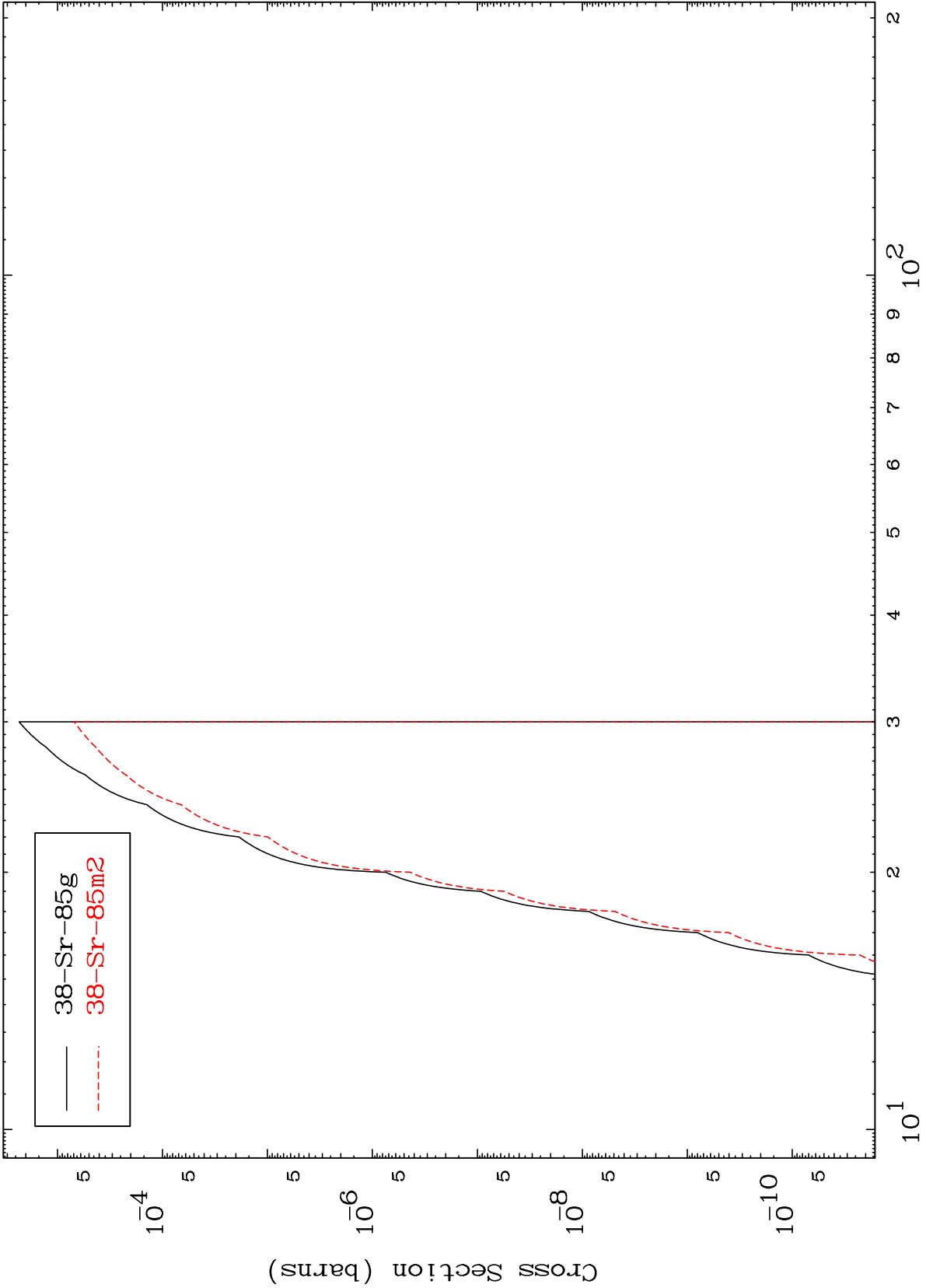
Incident Energy (MeV)

MAT 3919

(n,He-3)

39-Y -87

Radionuclide Production Cross Section

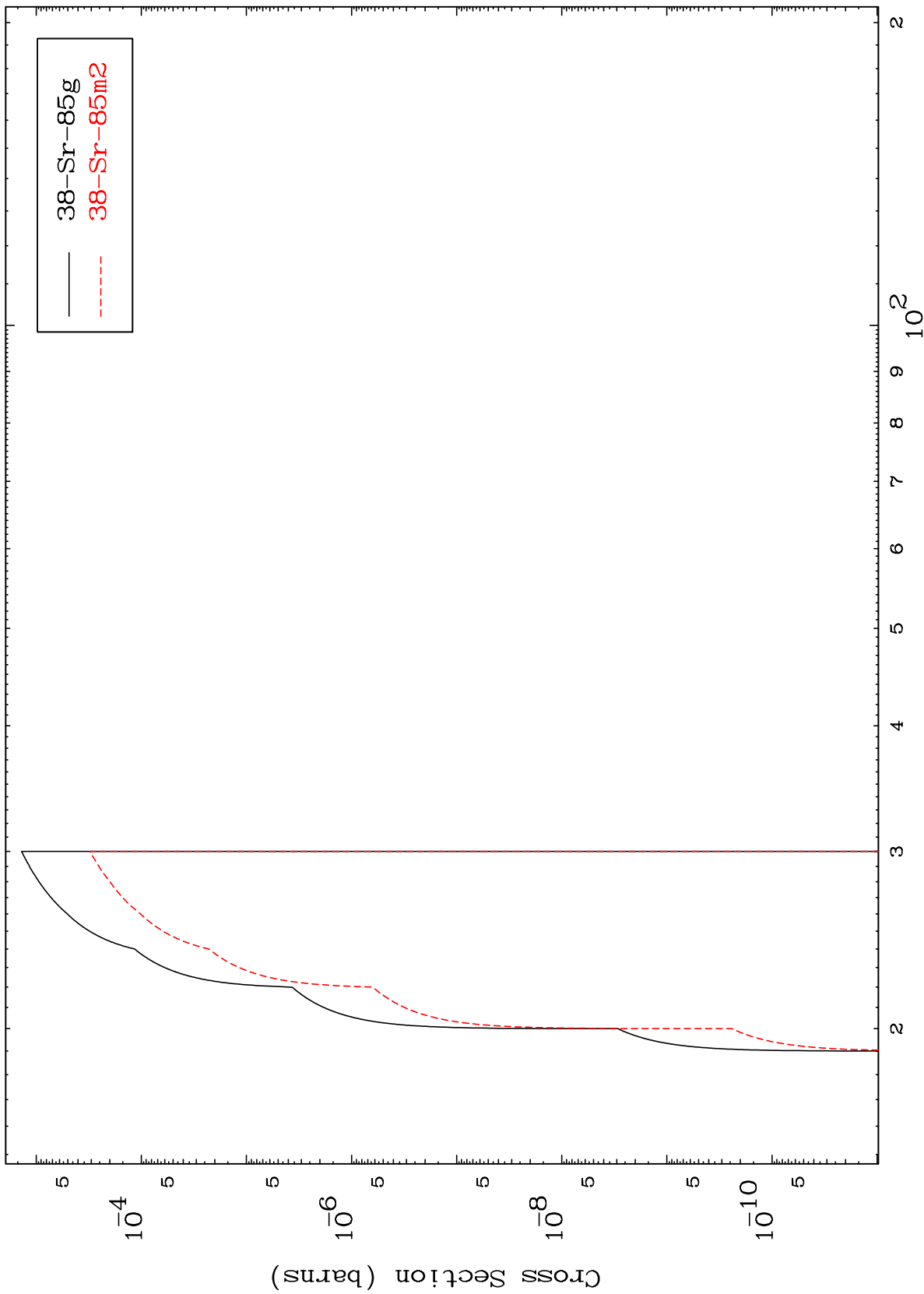


25

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

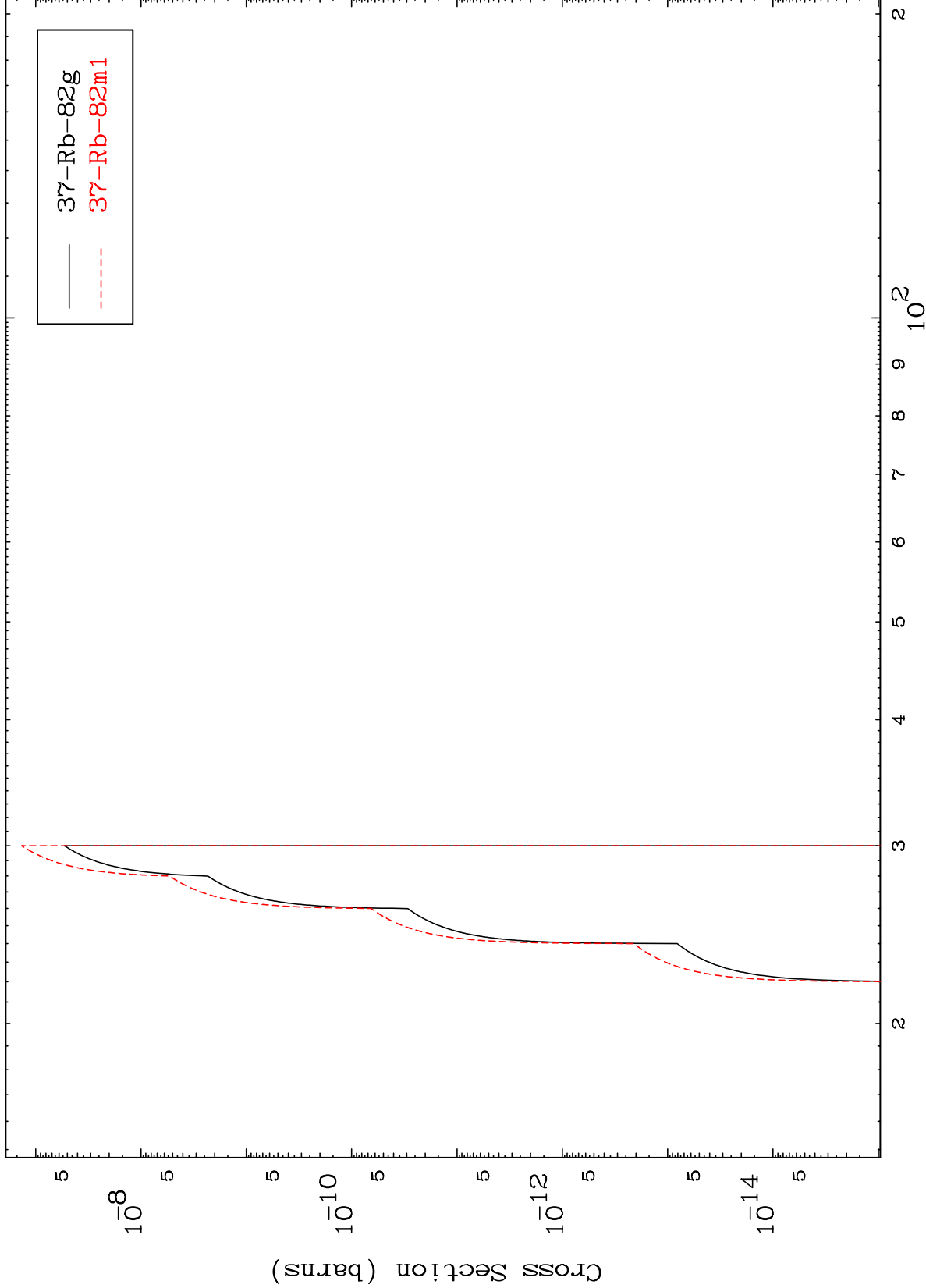


MAT 3919

(n,d) α

39-Y -87

Radionuclide Production Cross Section



27

Incident Energy (MeV)

39-Y -87