

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

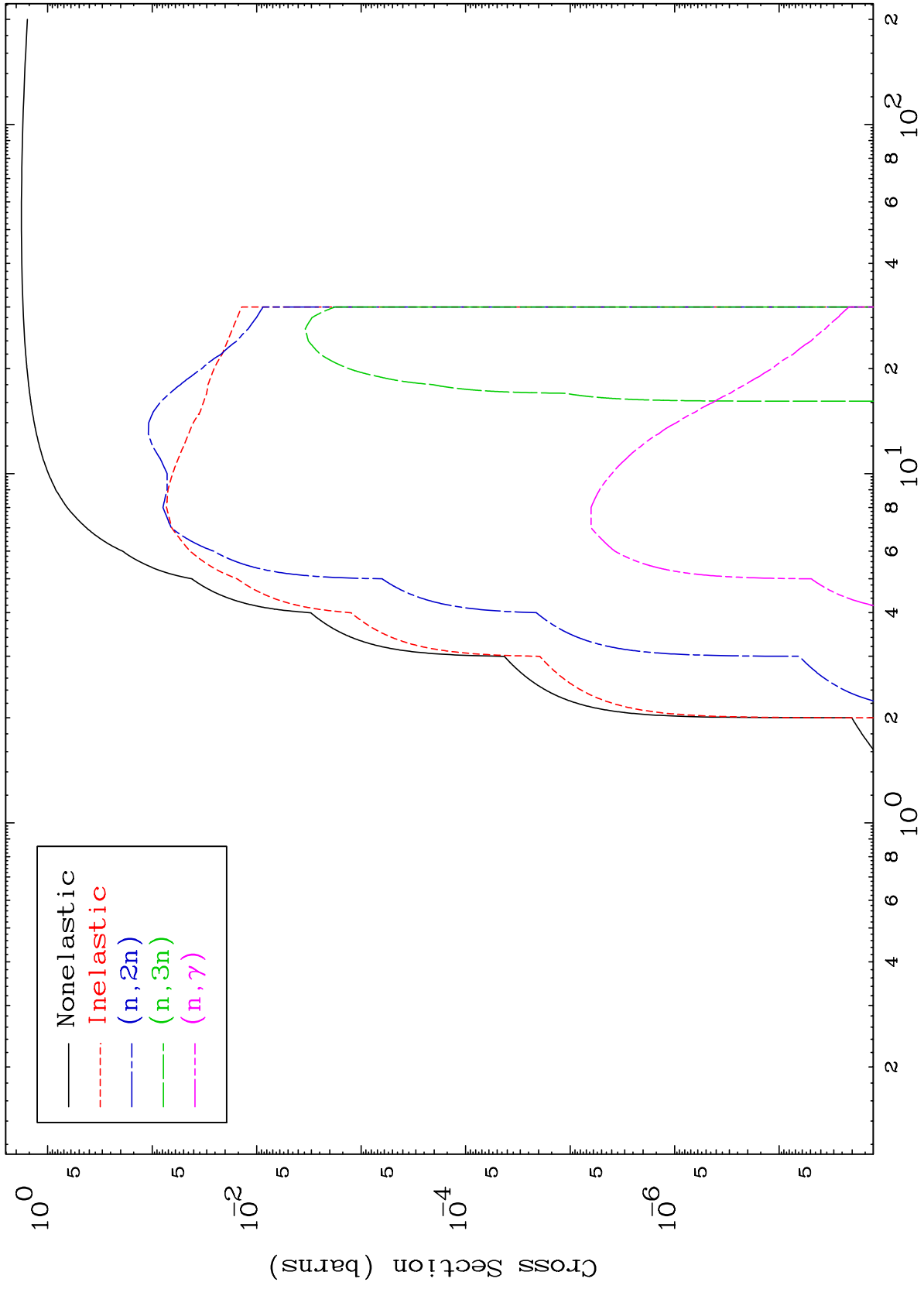
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

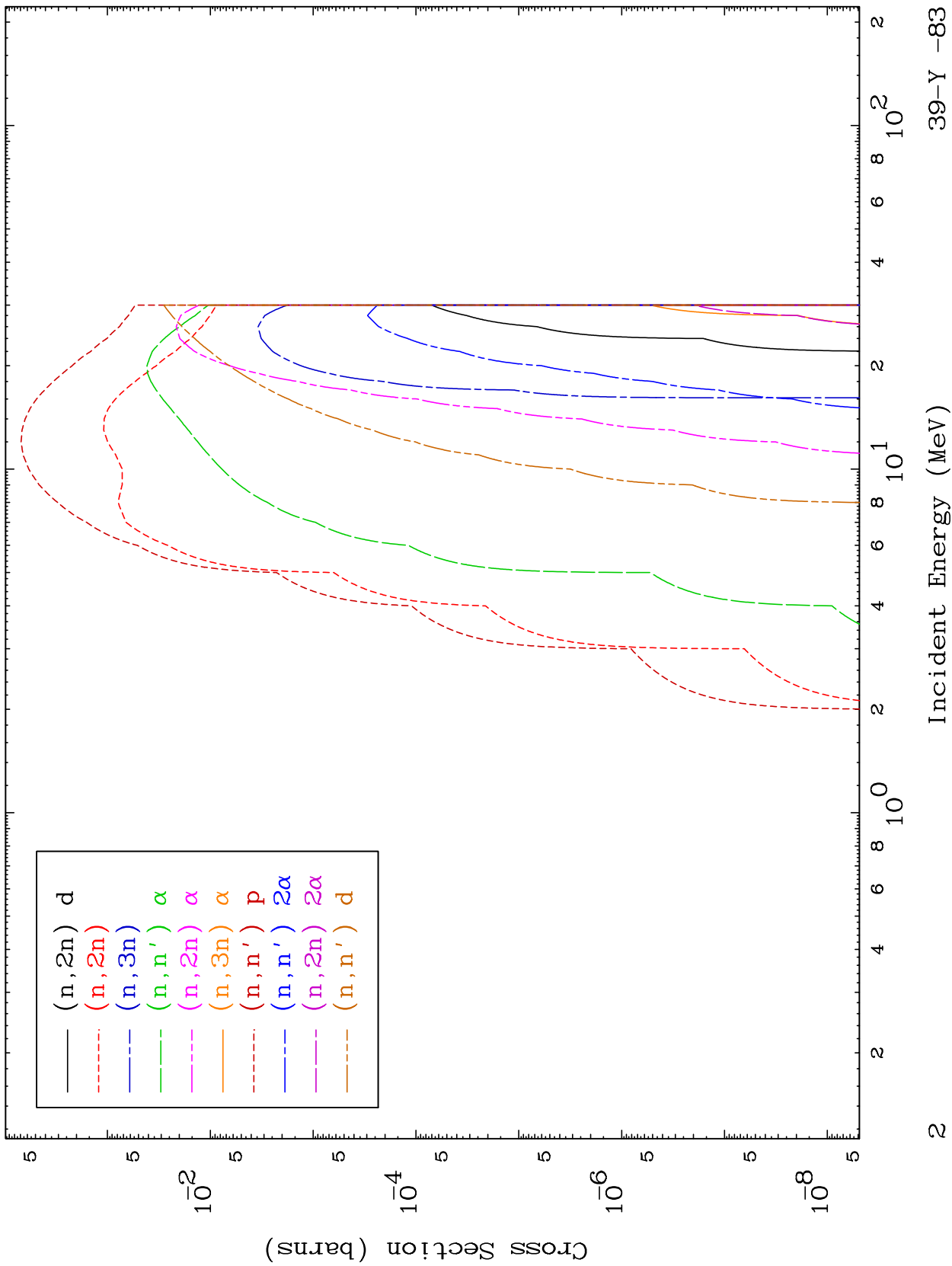
Tele: 925-443-1911

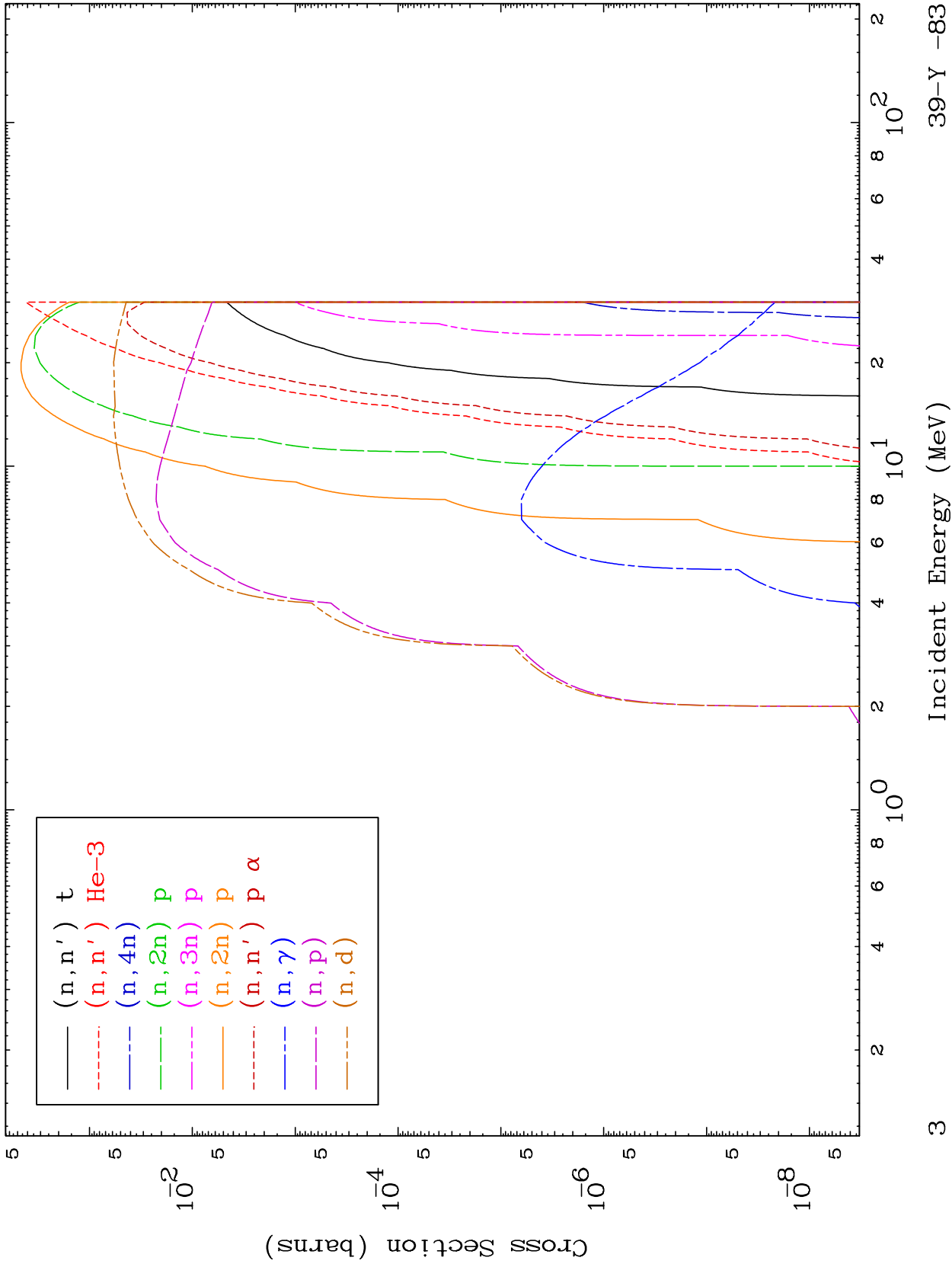
E.Mail:redcullen1@comcast.net

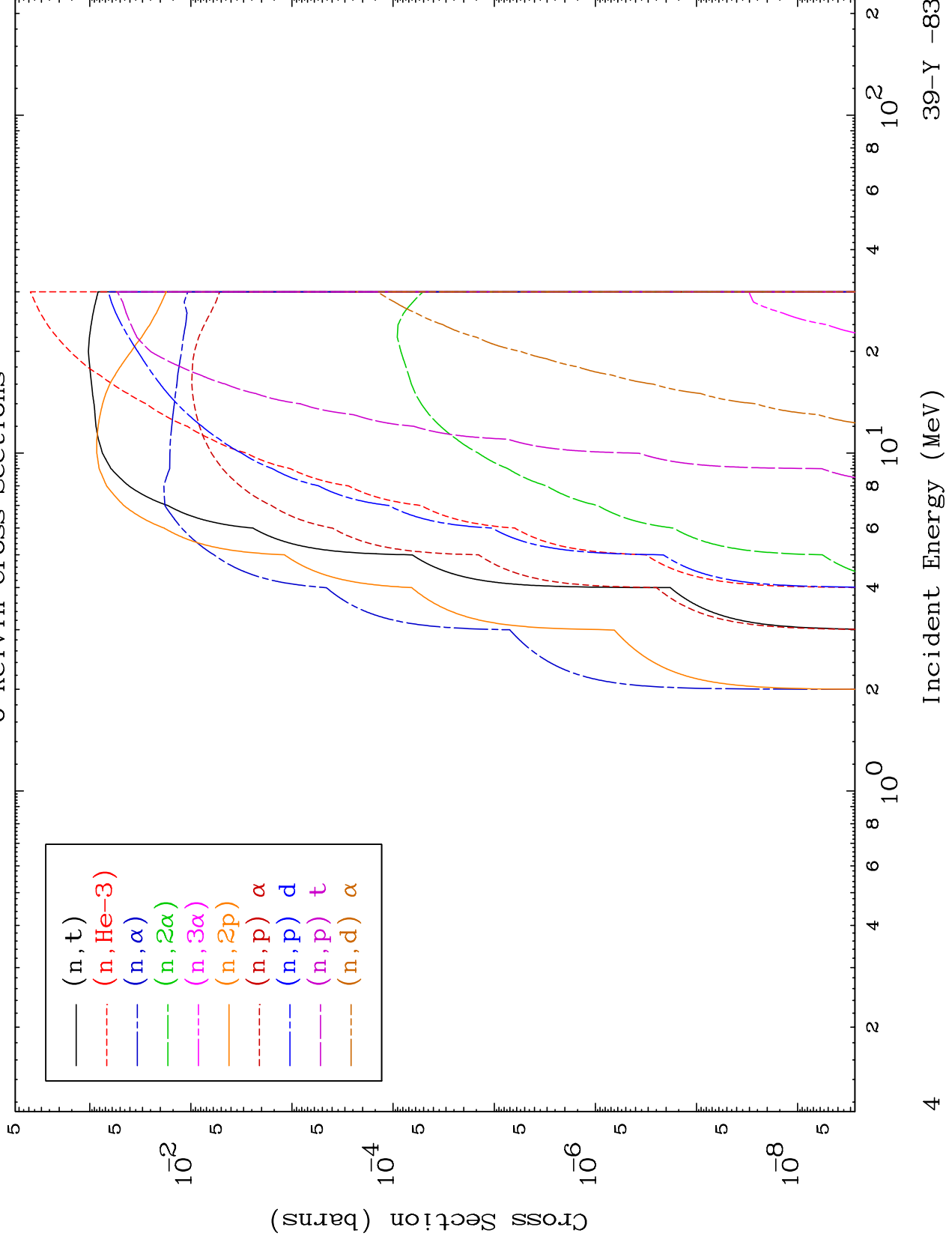
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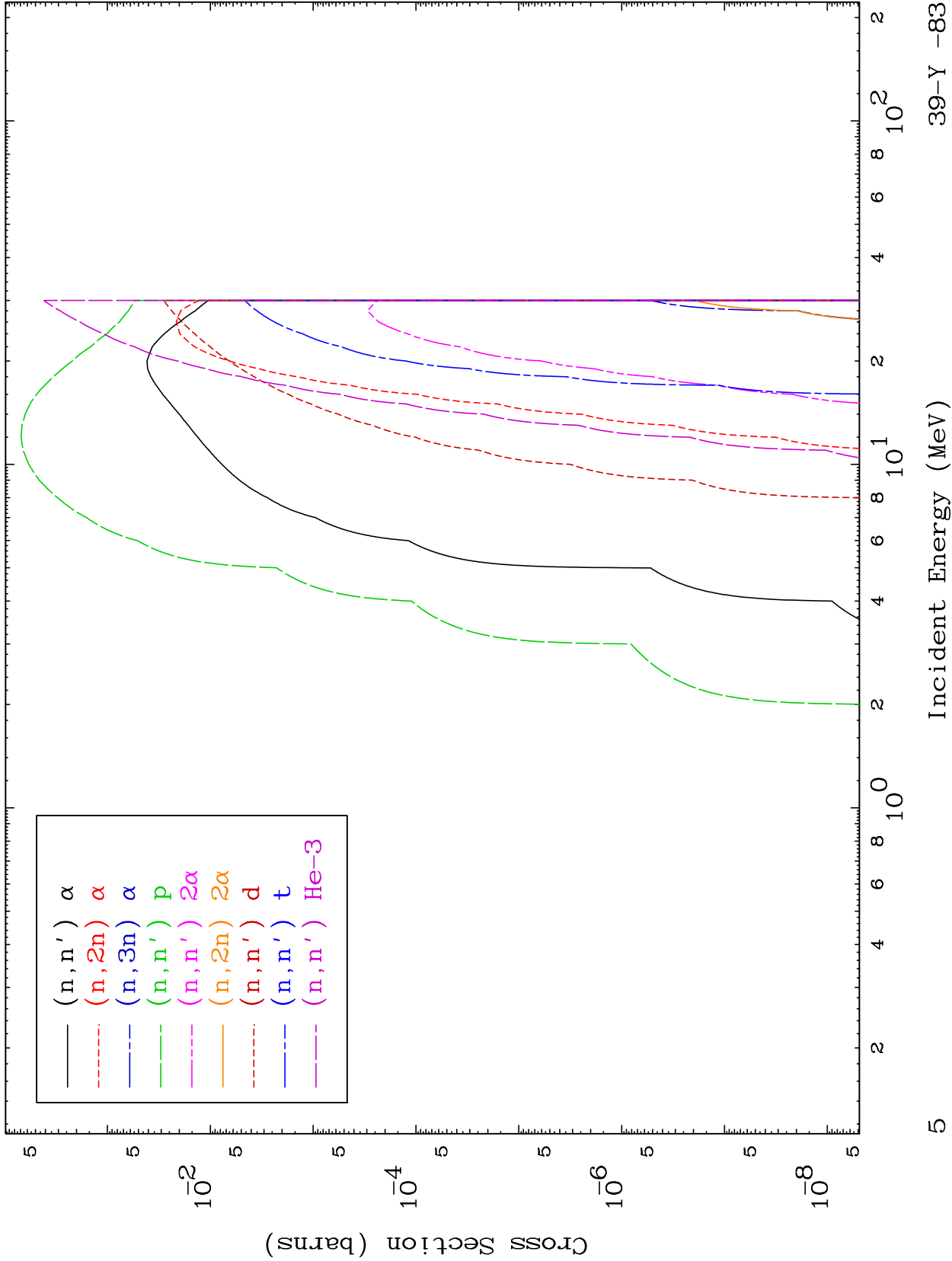
Press Mouse Button to Start

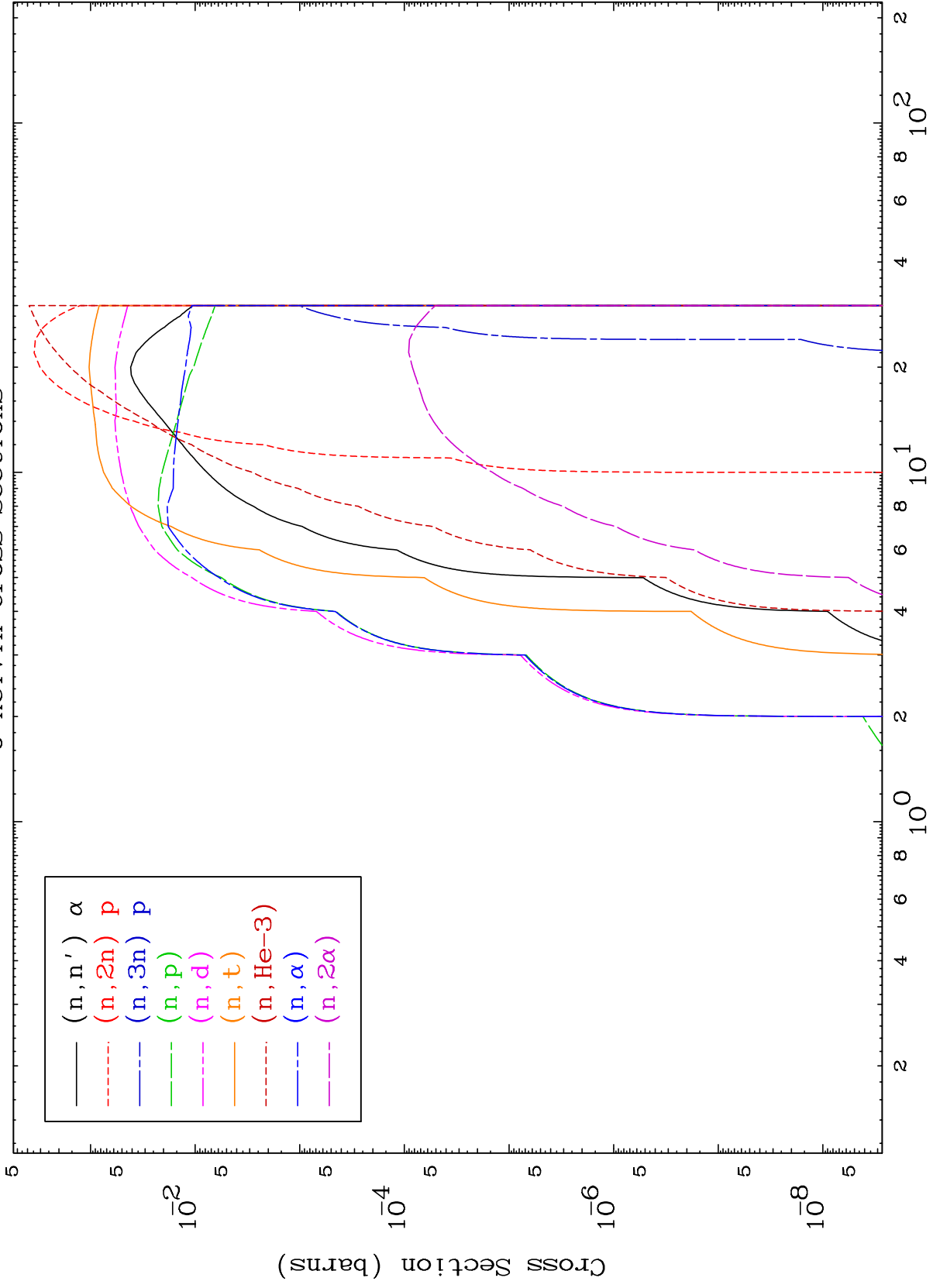


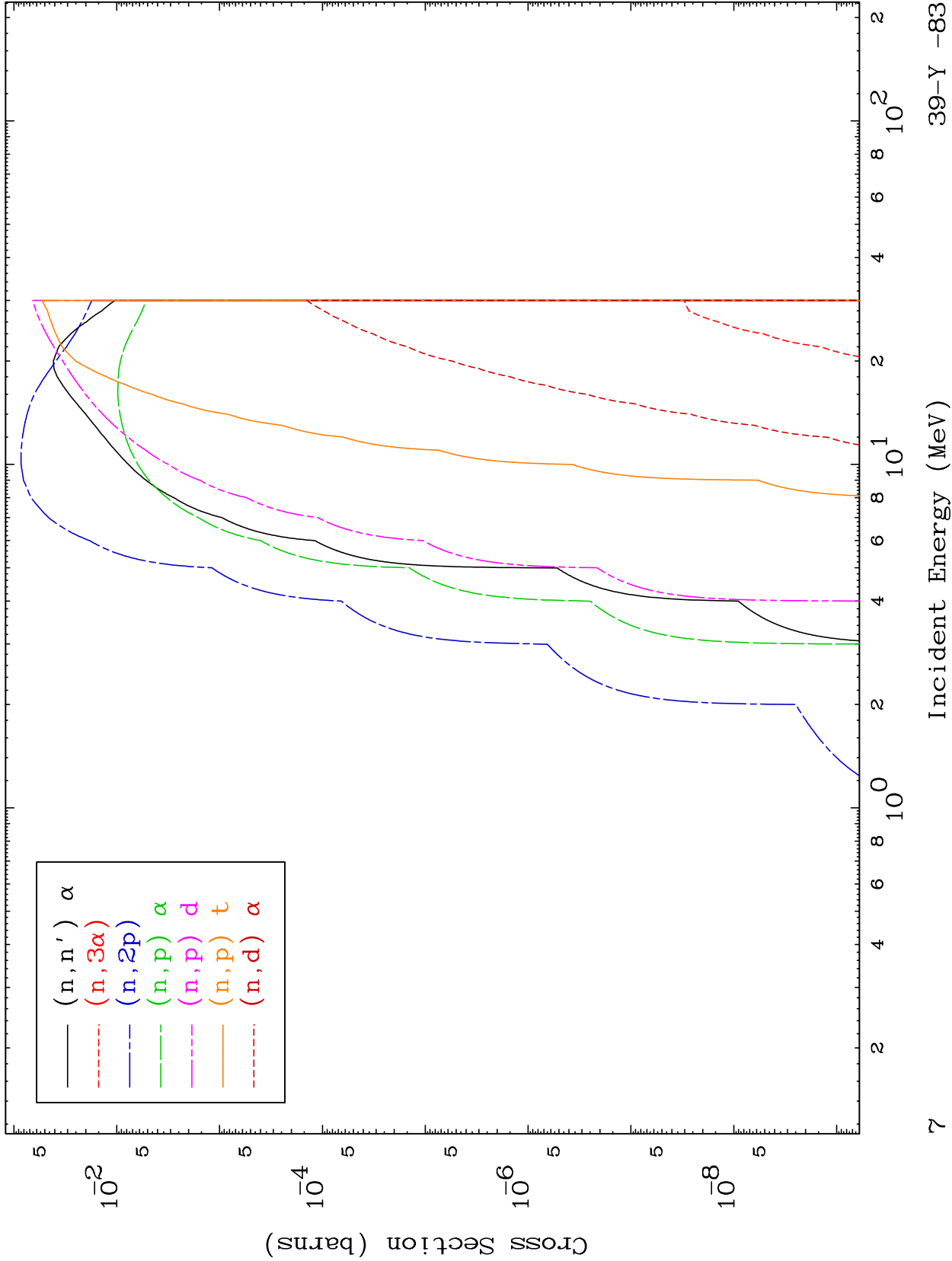


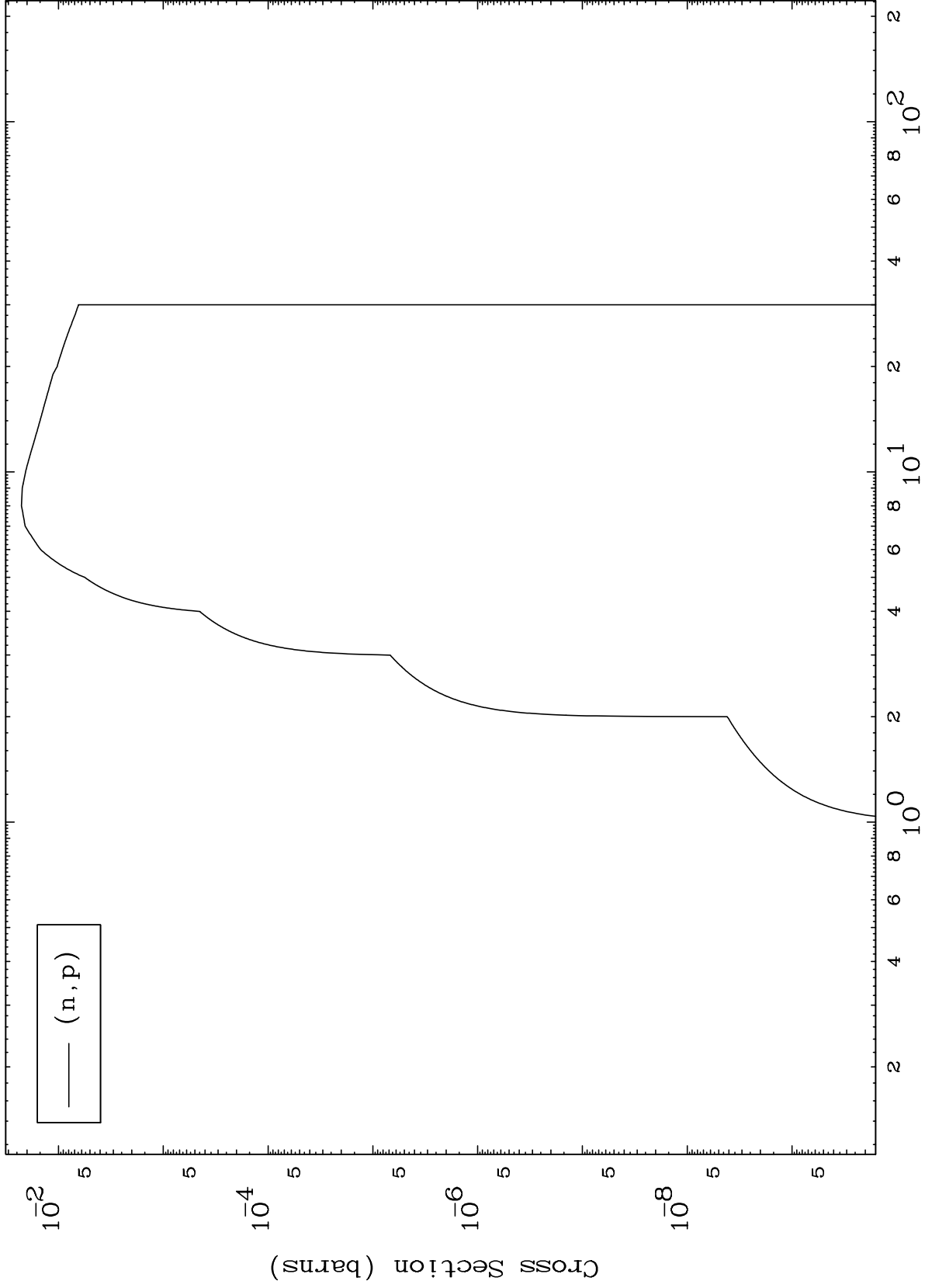




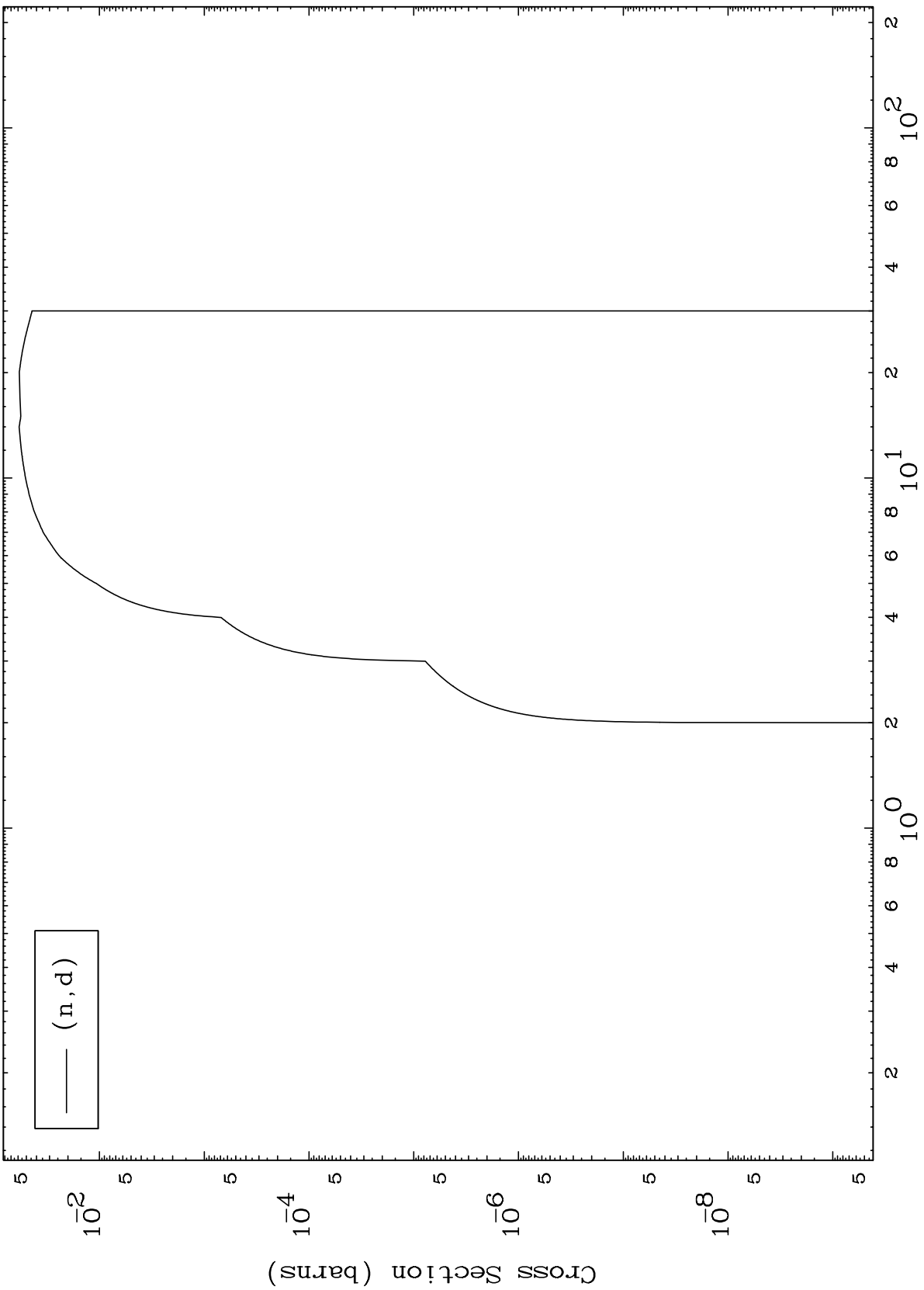








(t,d) Levels
0 Kelvin Cross Sections



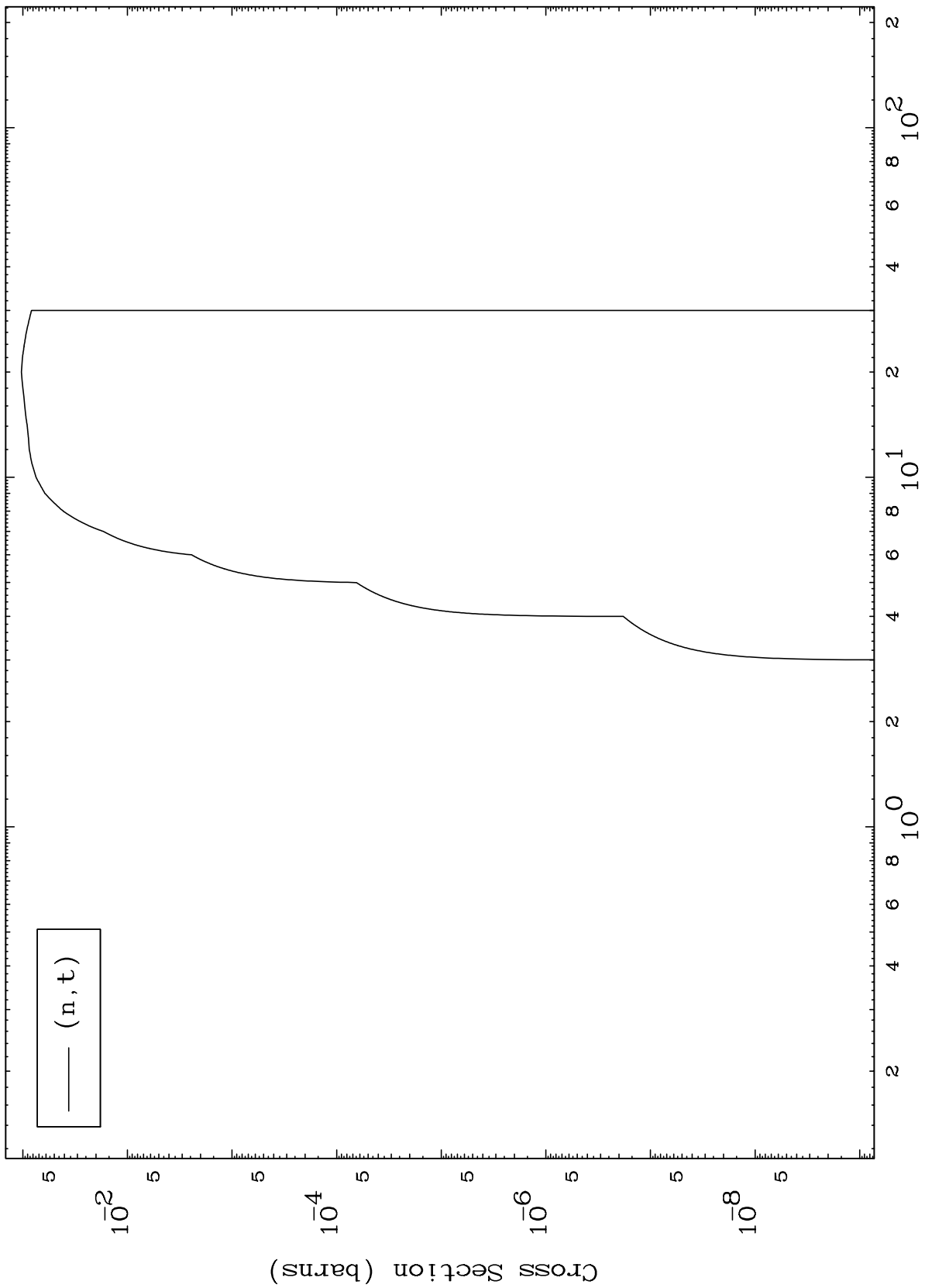
Incident Energy (MeV)

MAT 3907

(t, t) Levels

39-Y -83

0 Kelvin Cross Sections

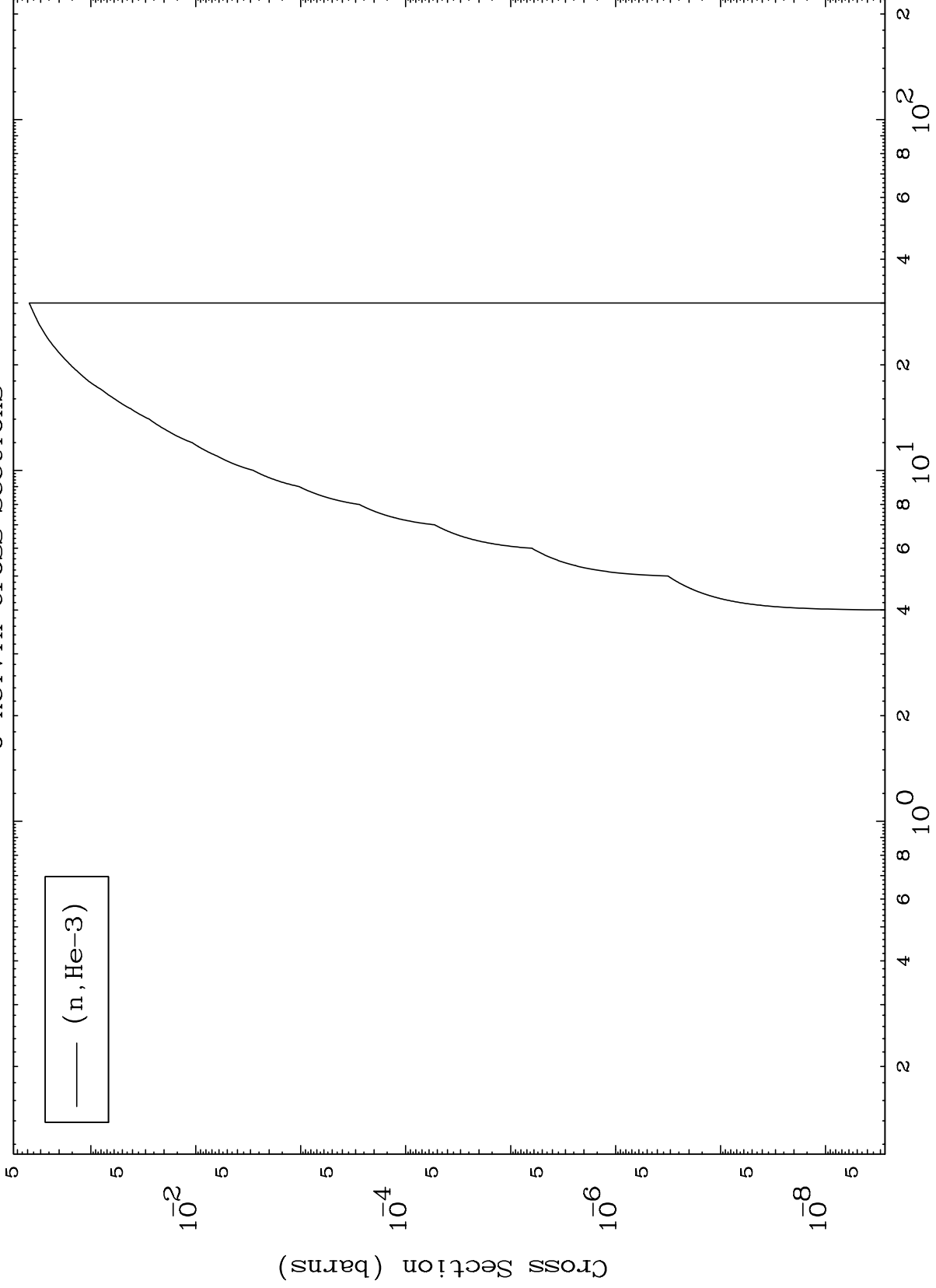


10

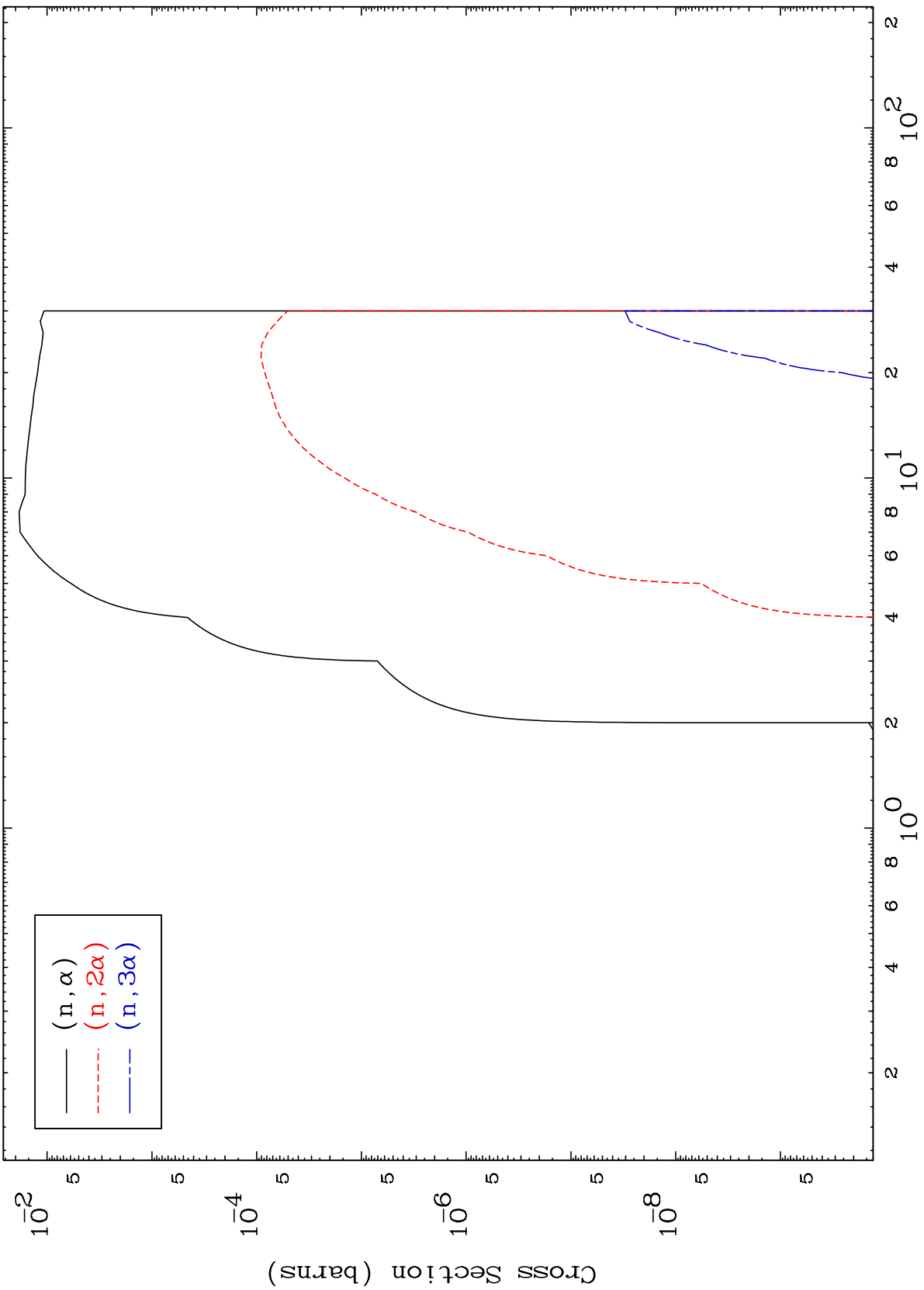
Incident Energy (MeV)

39-Y -83

0 Kelvin Cross Sections



(t, α) Levels
0 Kelvin Cross Sections

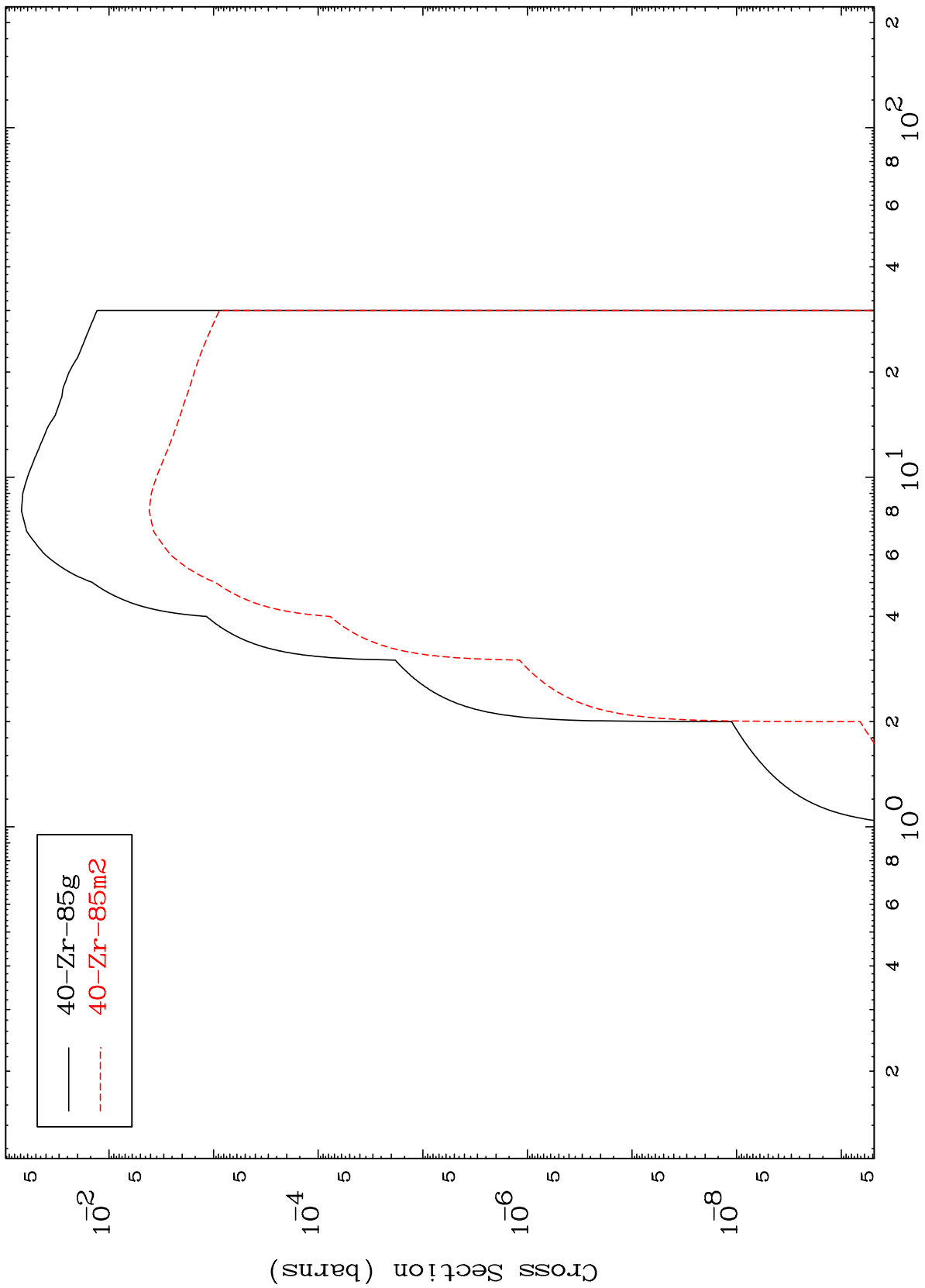


Incident Energy (MeV)

MAT 3907

39-Y -83

Inelastic
Radionuclide Production Cross Section



— 40-Zr-85g
- - - 40-Zr-85m2

39-Y -83

Incident Energy (MeV)

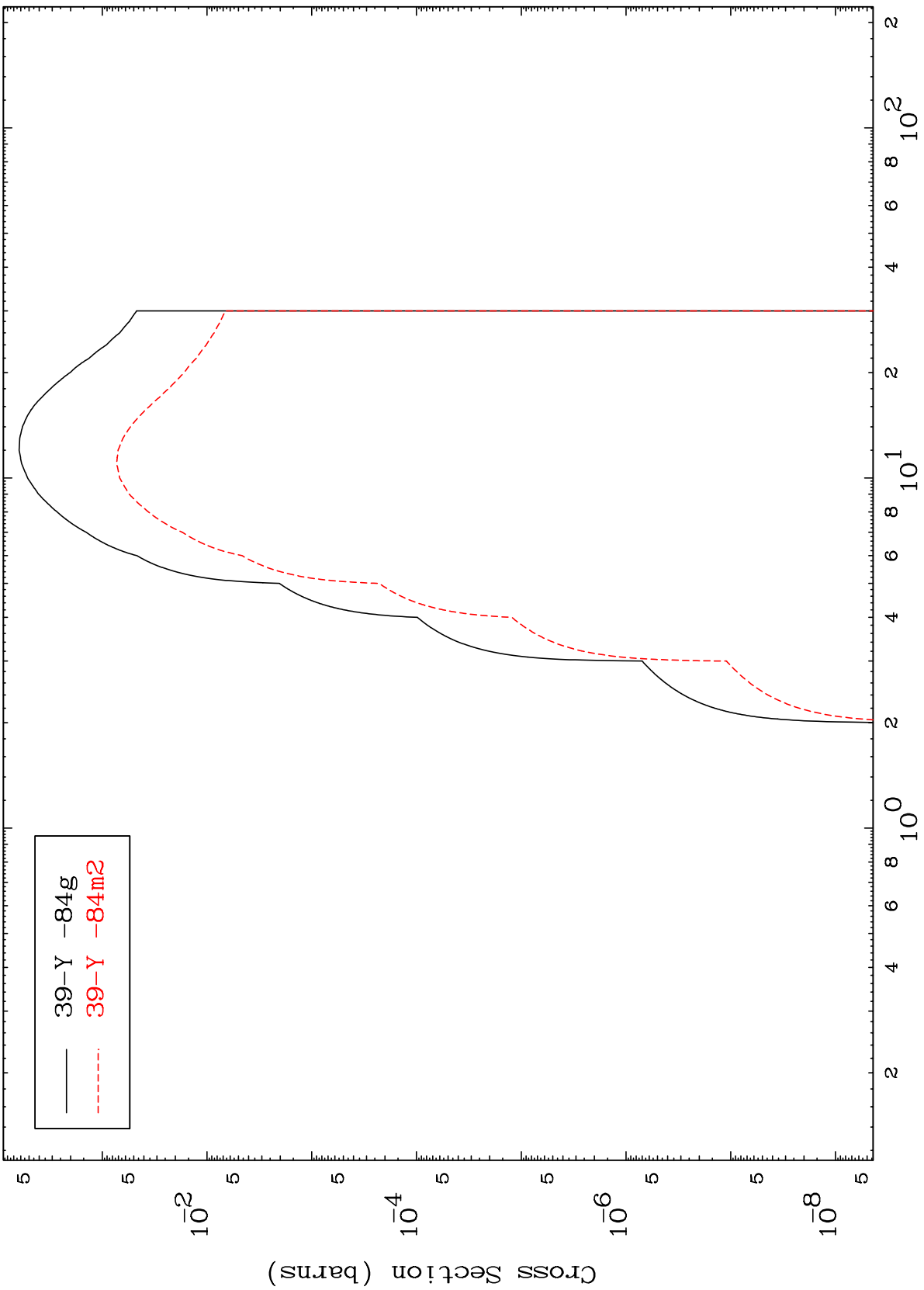
13

MAT 3907

(n,n') p

39-Y -83

Radionuclide Production Cross Section



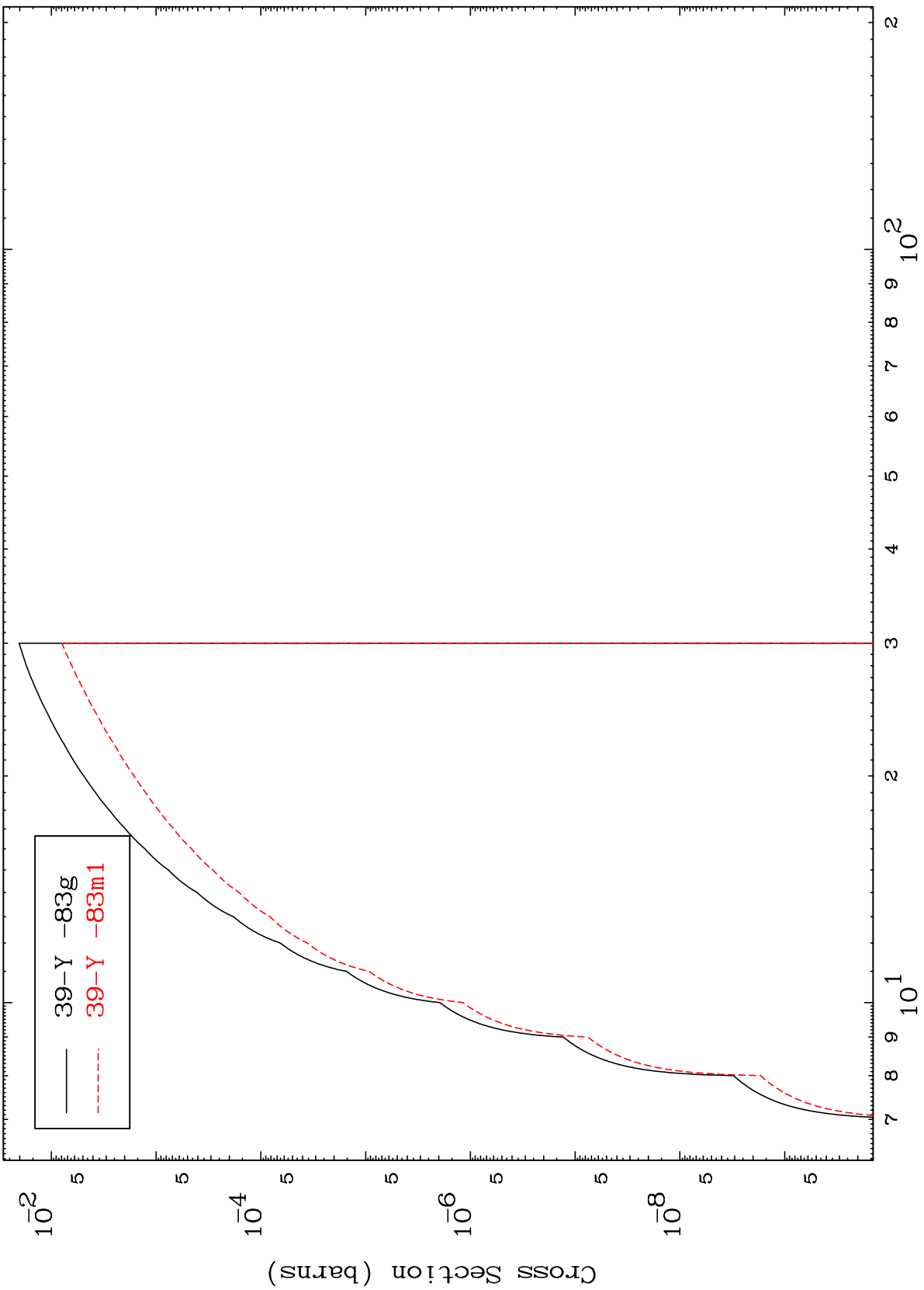
39-Y -84g
39-Y -84m2

MAT 3907

(n,n') d

39-Y -83

Radionuclide Production Cross Section



15

Incident Energy (MeV)

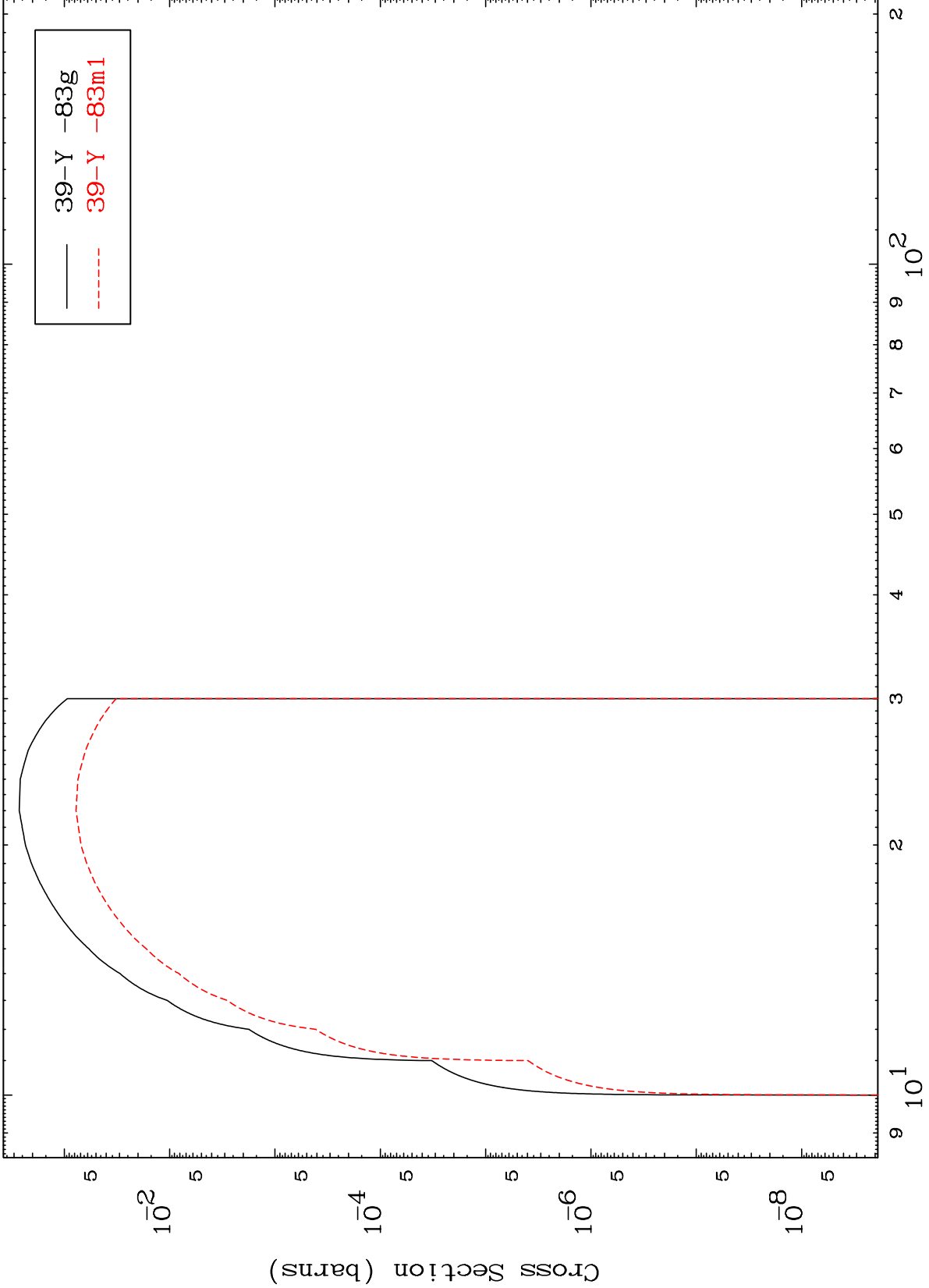
39-Y -83

MAT 3907

(n,2n) p

39-Y -83

Radionuclide Production Cross Section



39-Y -83g
39-Y -83m1

16

Incident Energy (MeV)

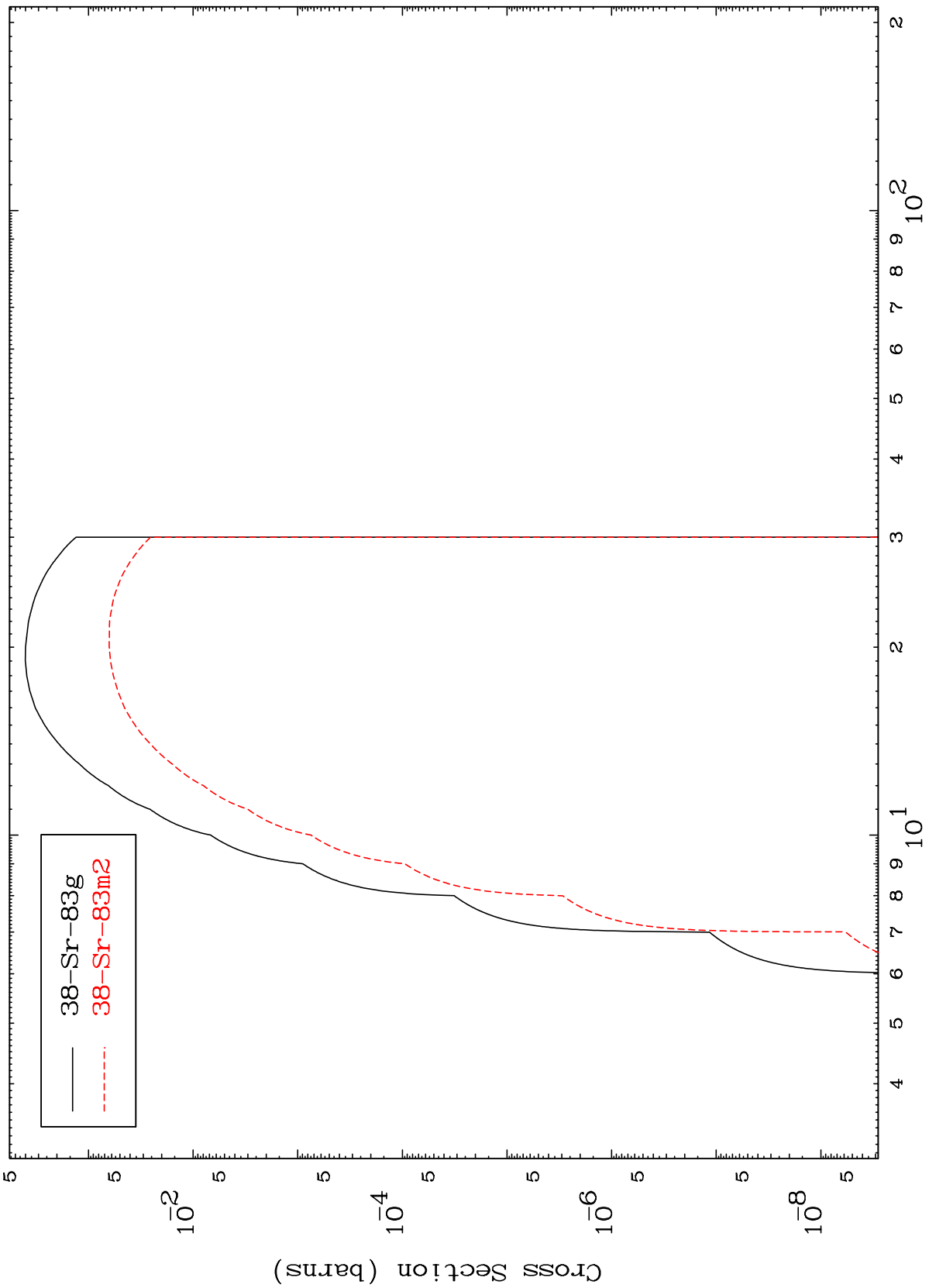
39-Y -83

MAT 3907

(n,2n) p

39-Y -83

Radionuclide Production Cross Section



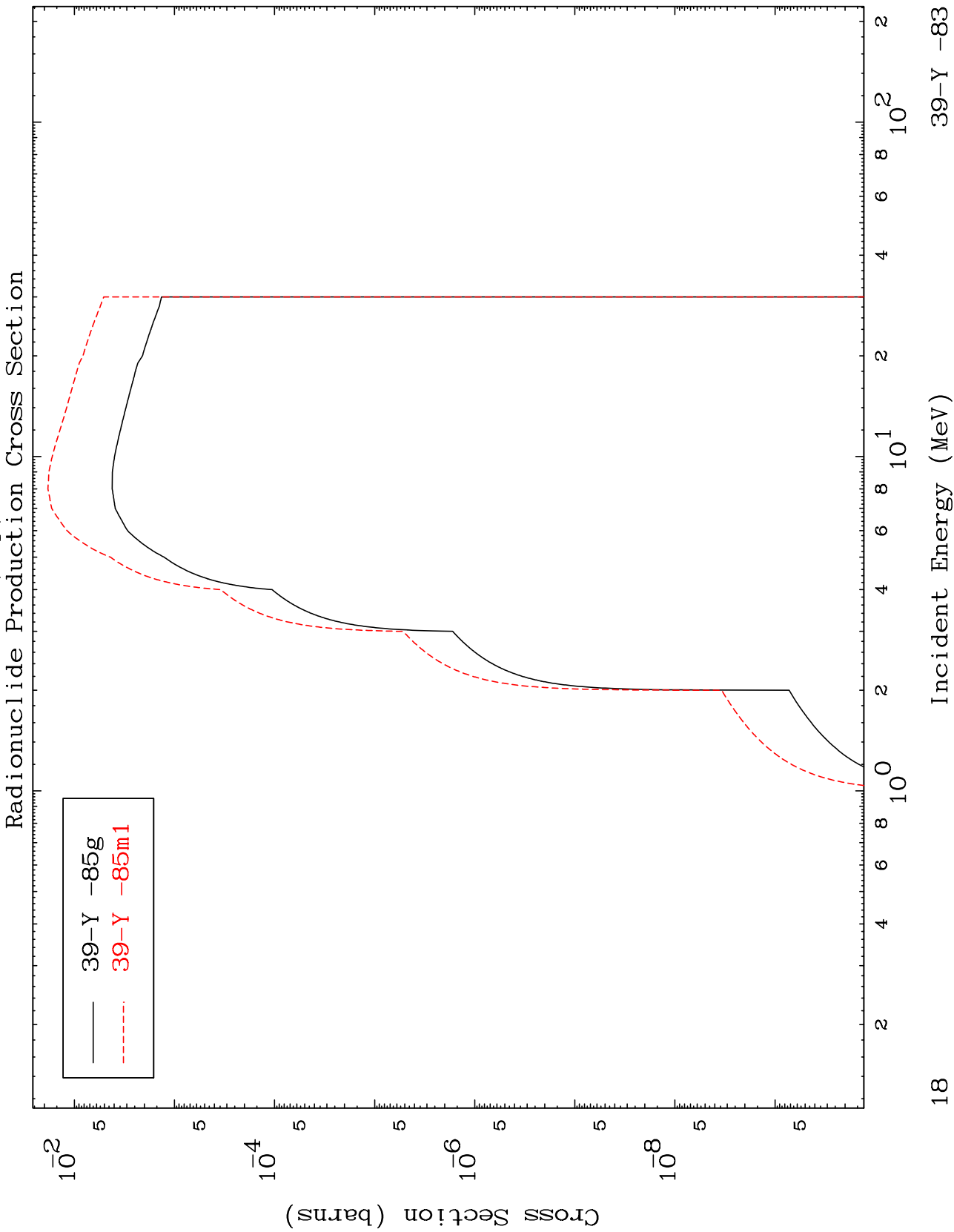
17

Incident Energy (MeV)

39-Y -83

MAT 3907

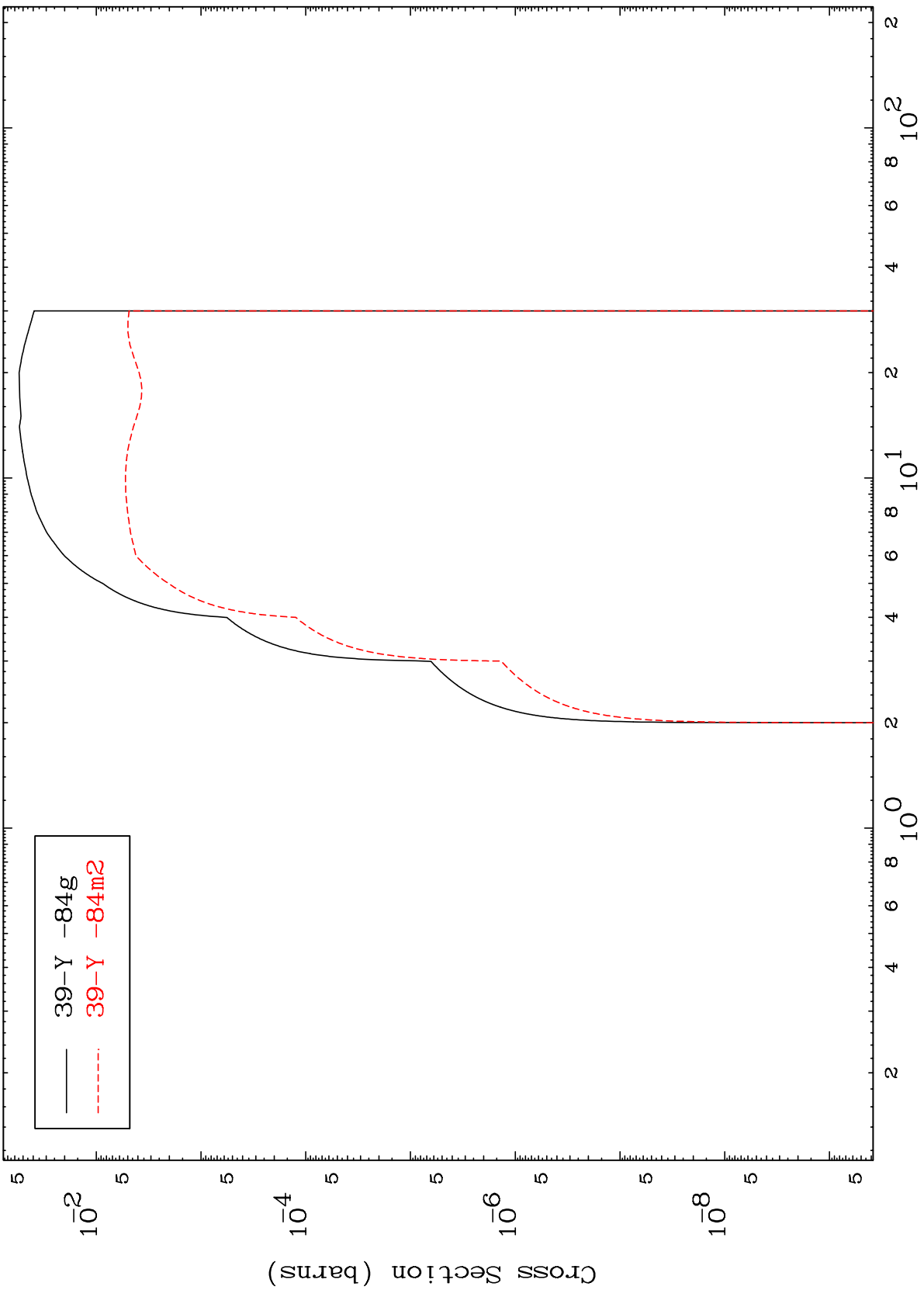
39-Y -83



MAT 3907

39-Y -83

(n,d)
Radionuclide Production Cross Section



— 39-Y -84g
- - - 39-Y -84m2

19

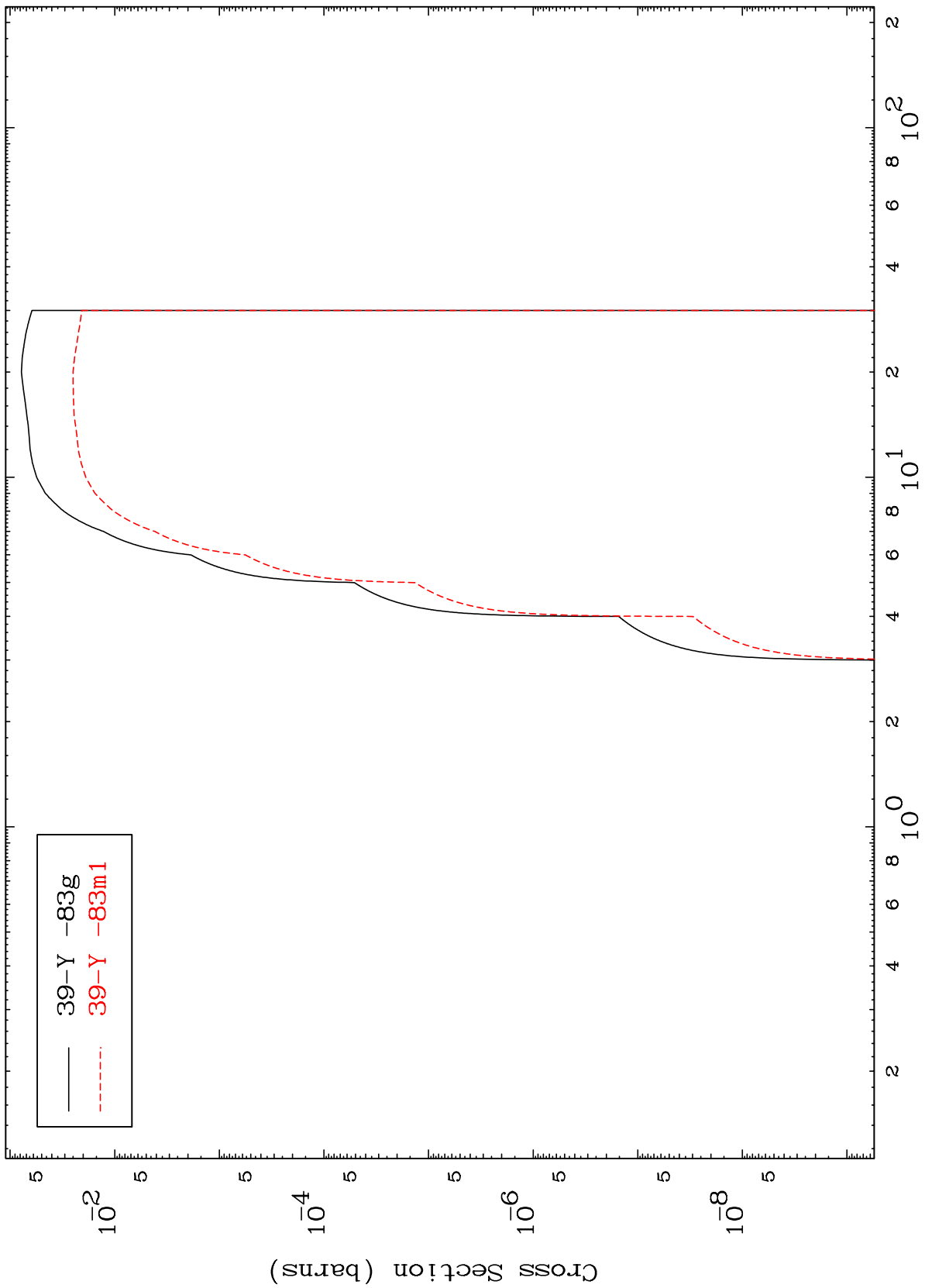
39-Y -83

Incident Energy (MeV)

MAT 3907

39-Y -83

(n, t)
Radionuclide Production Cross Section



— 39-Y -83g
- - - 39-Y -83m1

20

Incident Energy (MeV)

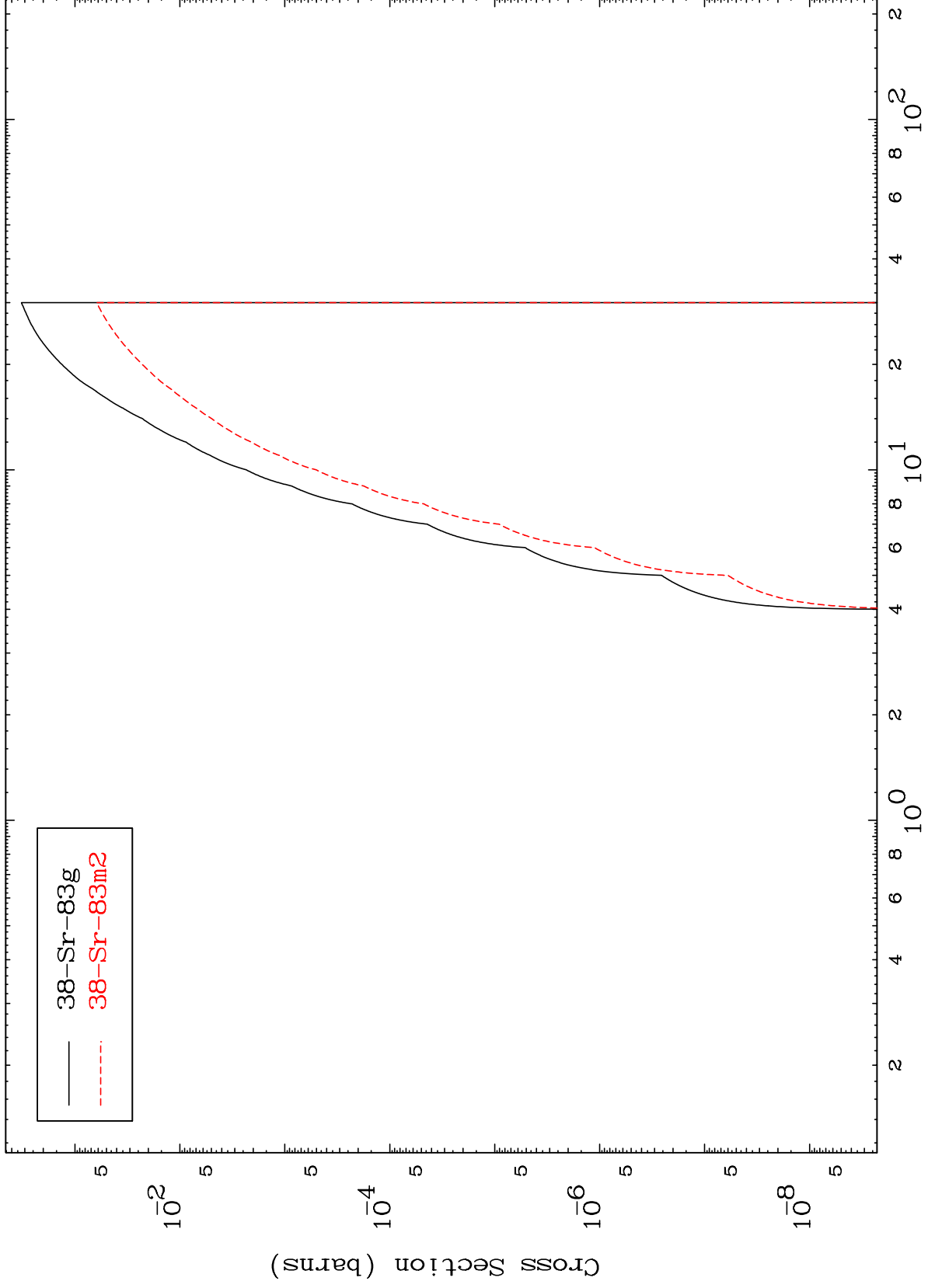
39-Y -83

MAT 3907

(n,He-3)

39-Y -83

Radionuclide Production Cross Section

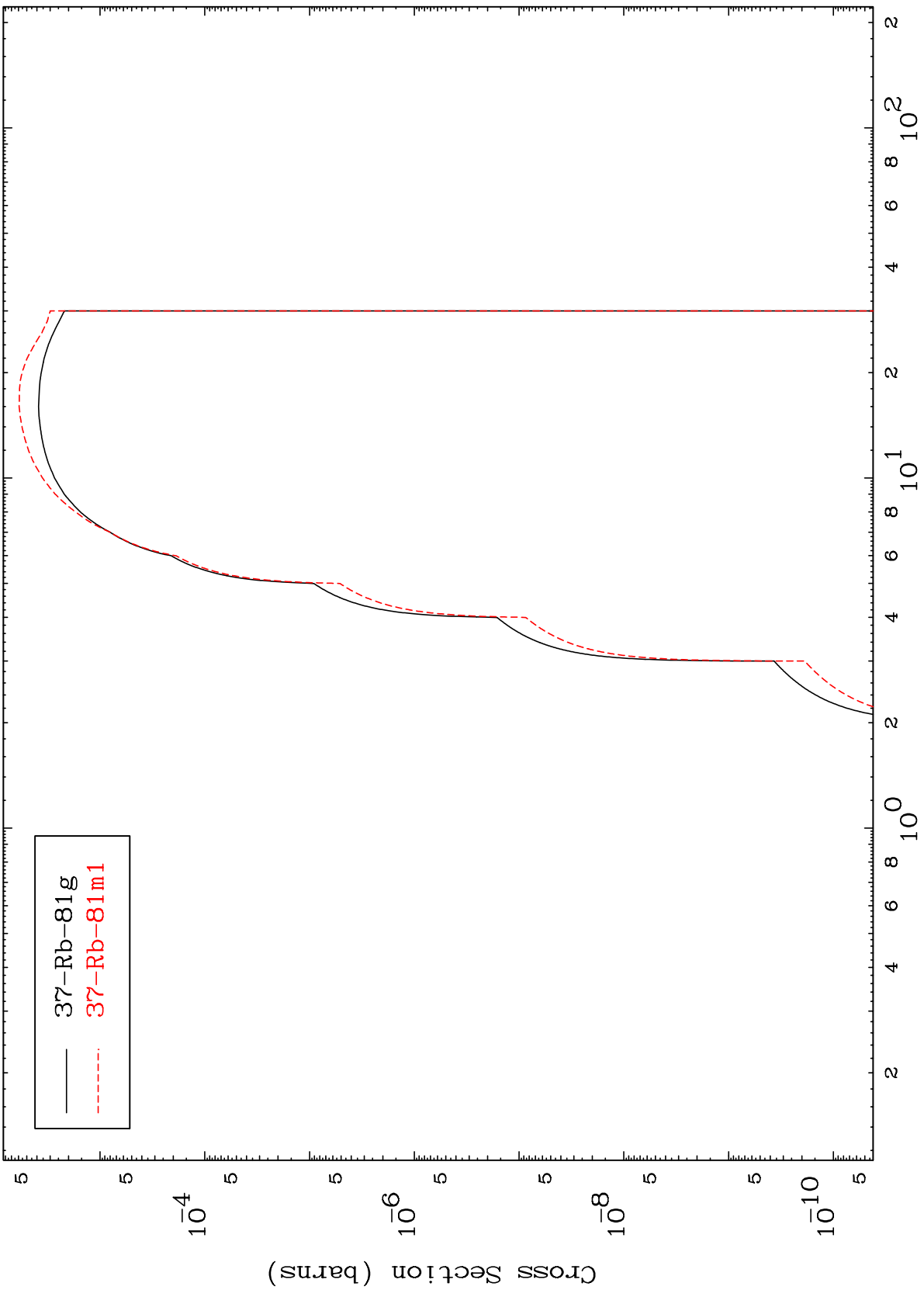


MAT 3907

(n,p) α

39-Y -83

Radionuclide Production Cross Section

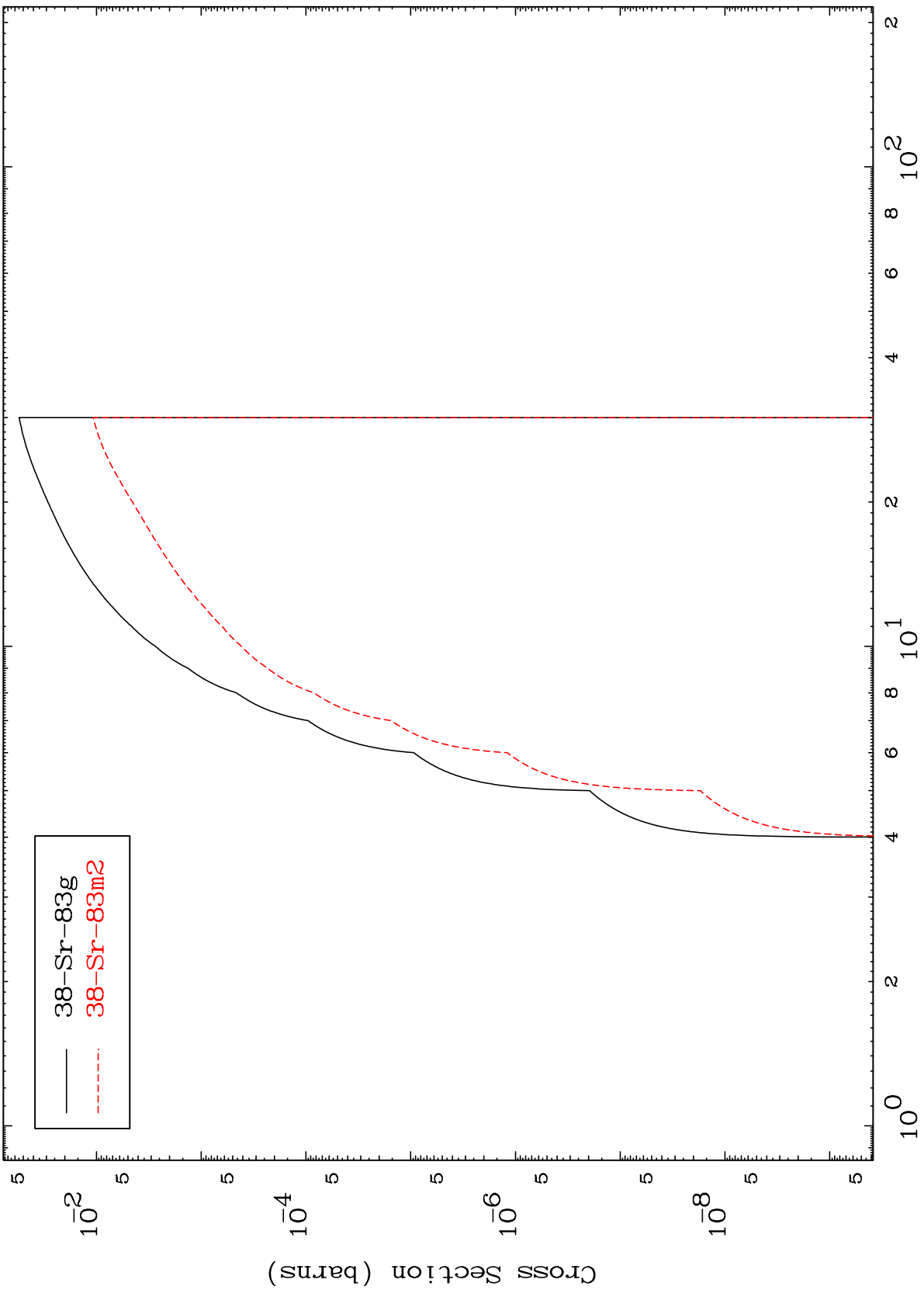


MAT 3907

(n,p) d

39-Y -83

Radionuclide Production Cross Section



— 38-Sr-83g
- - - 38-Sr-83m2

23

Incident Energy (MeV)

39-Y -83