

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

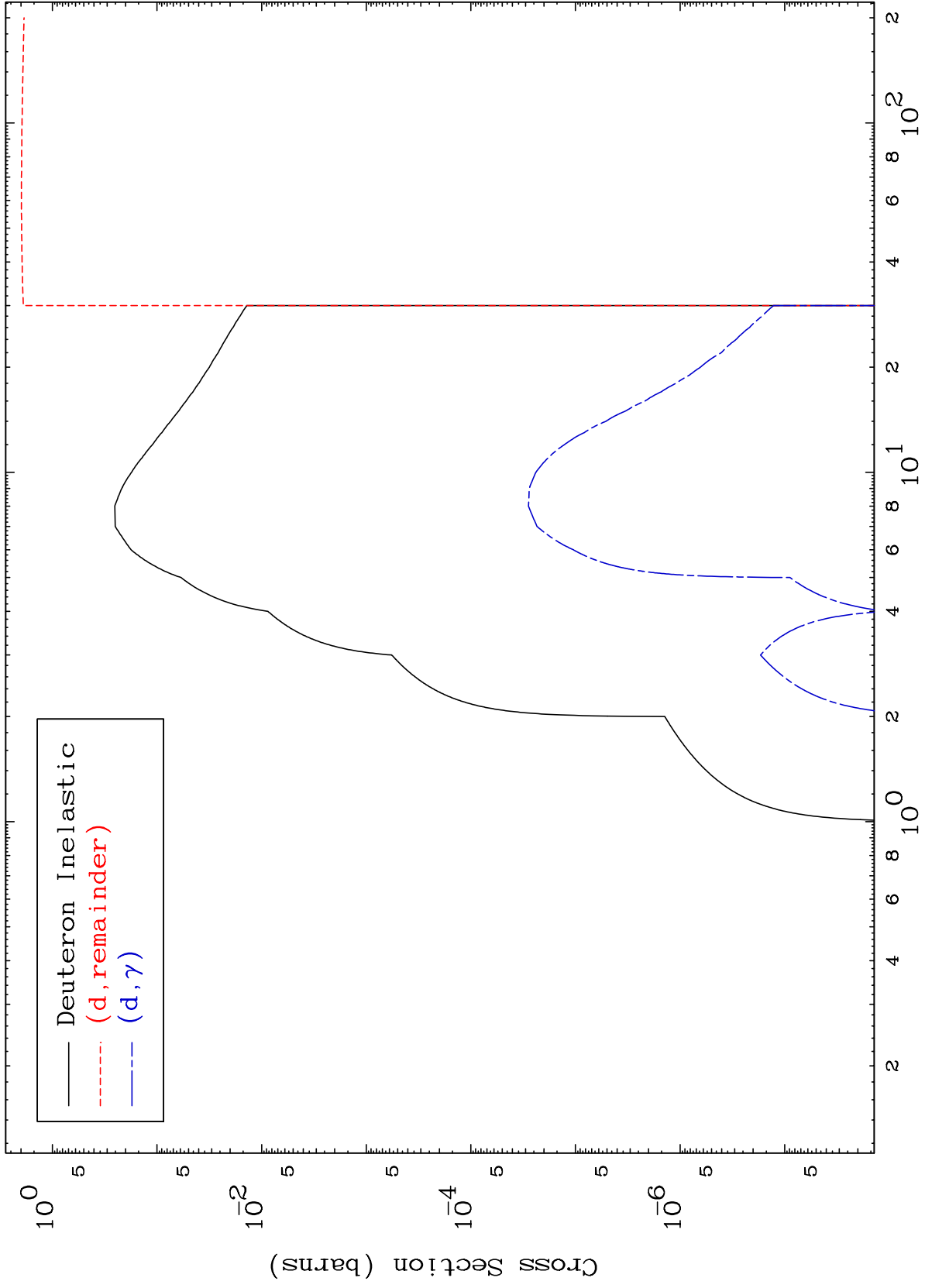
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

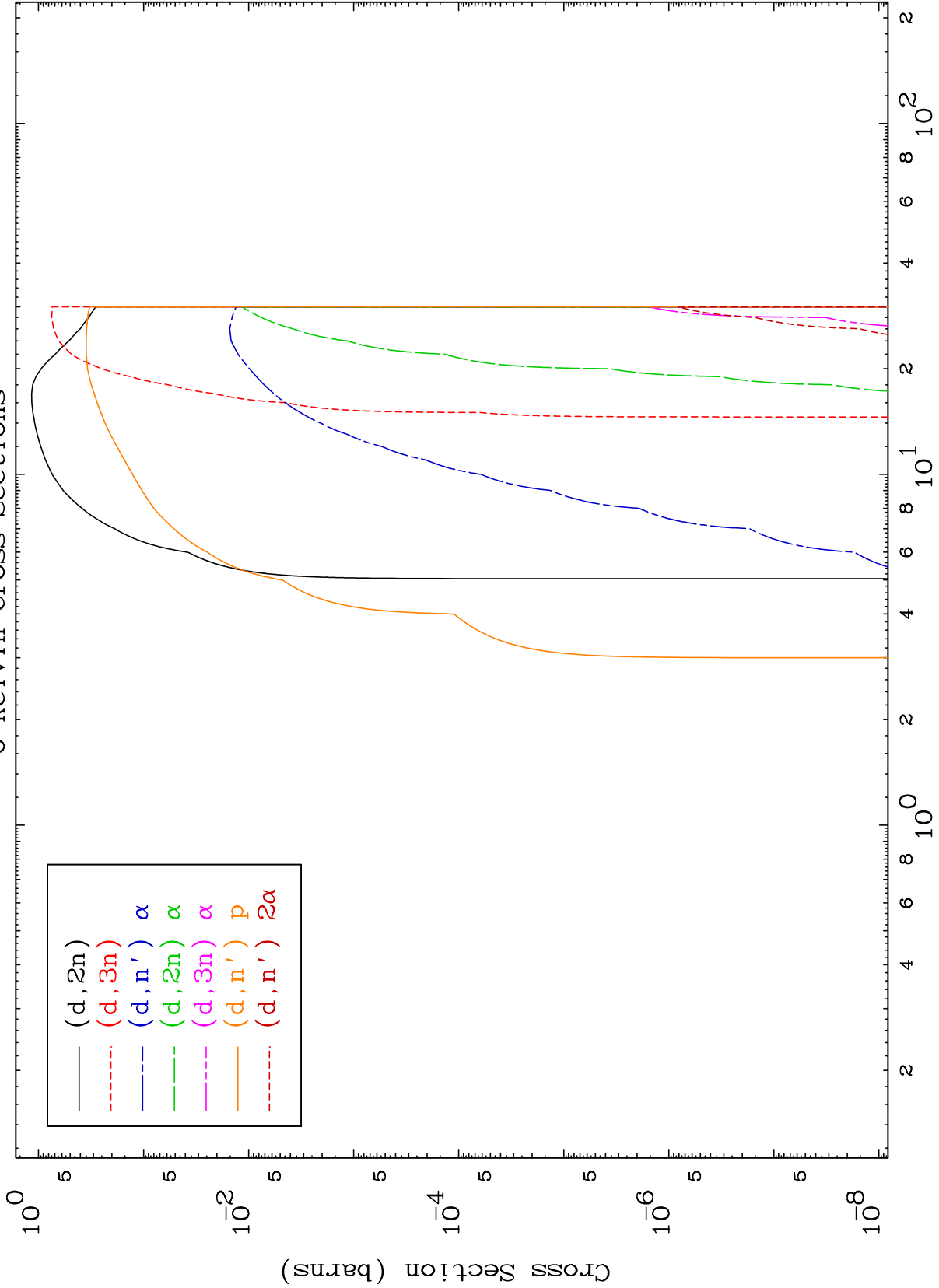
Tele: 925-443-1911

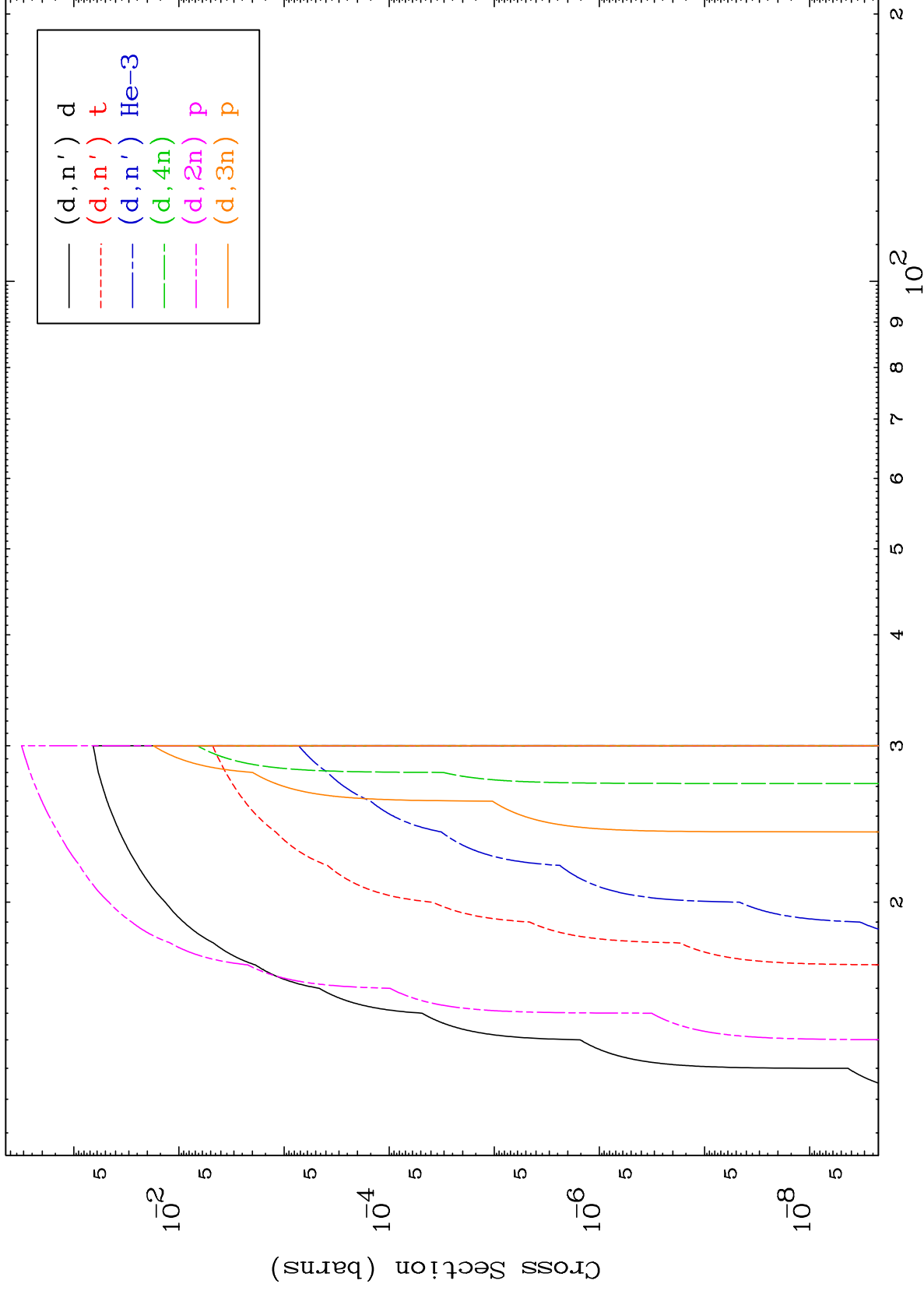
E.Mail:redcullen1@comcast.net

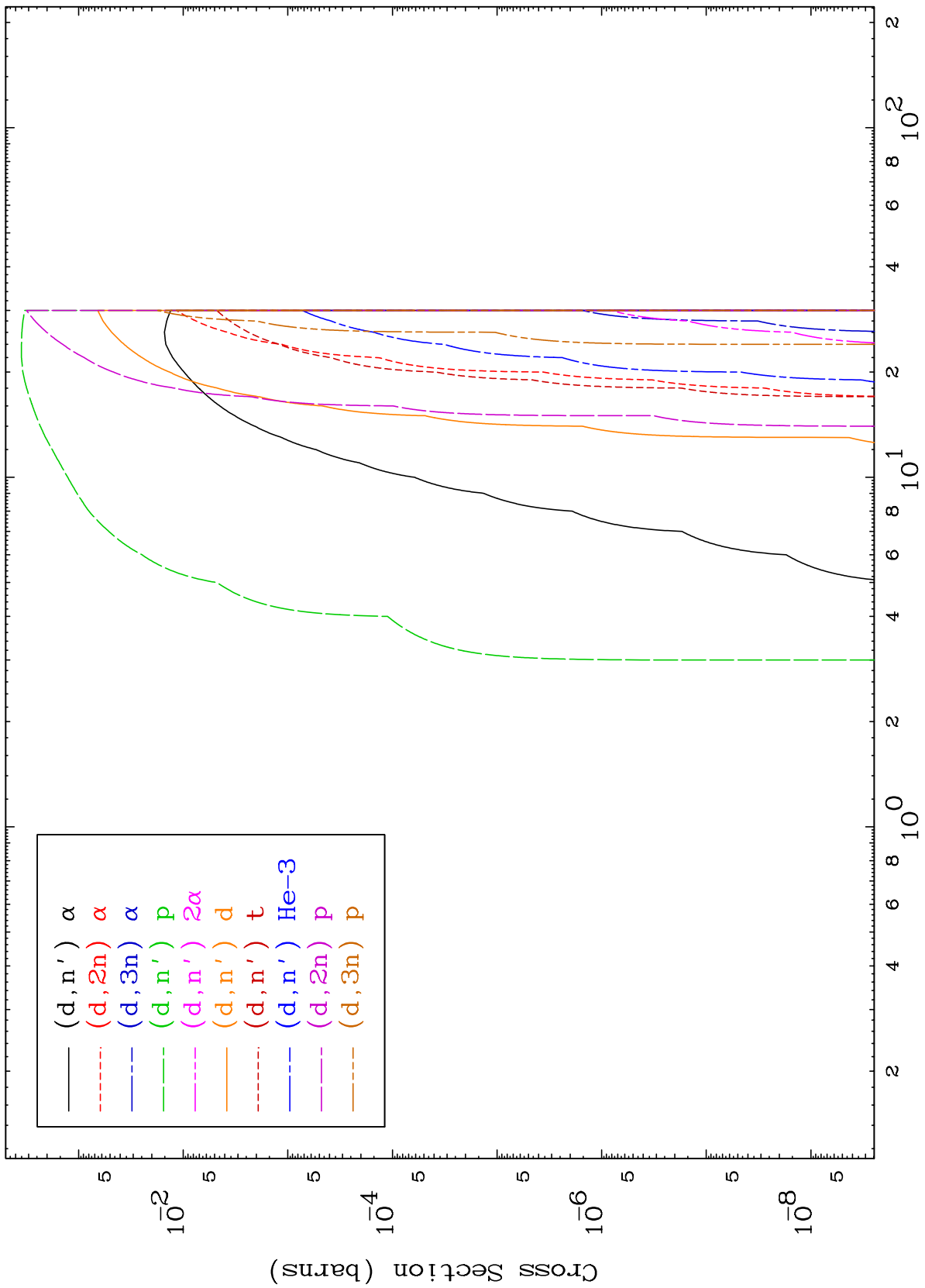
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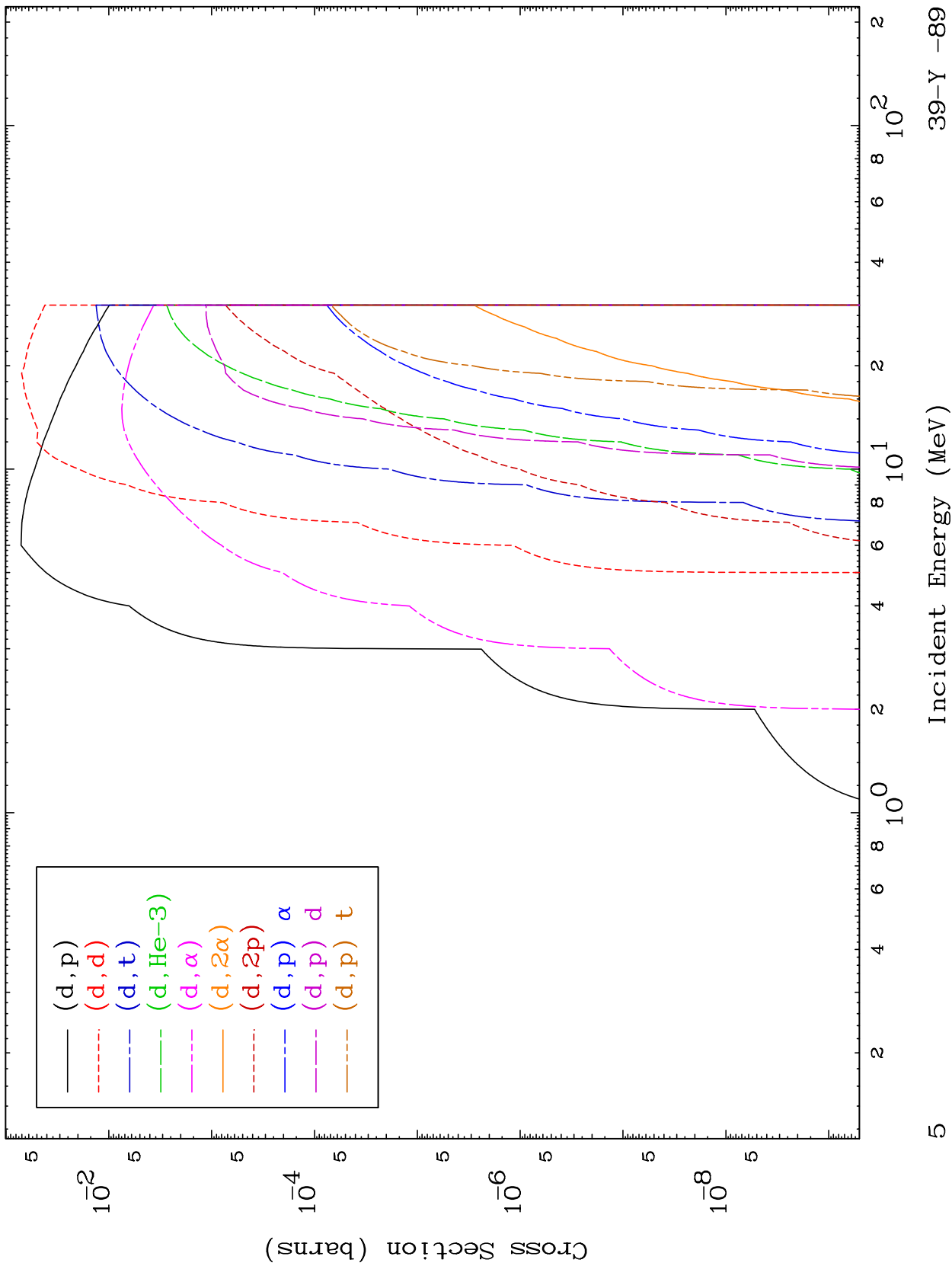
Press Mouse Button to Start



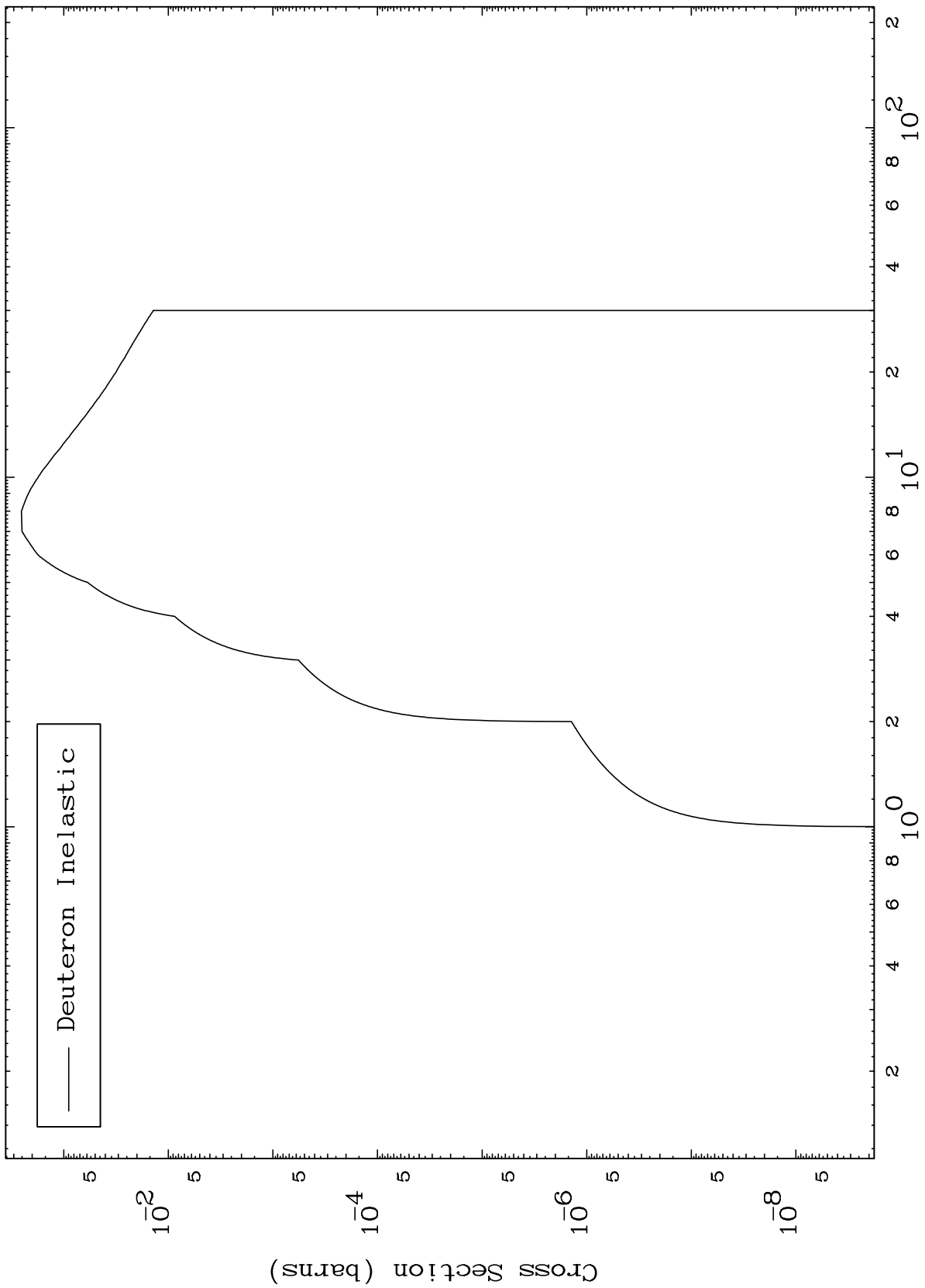




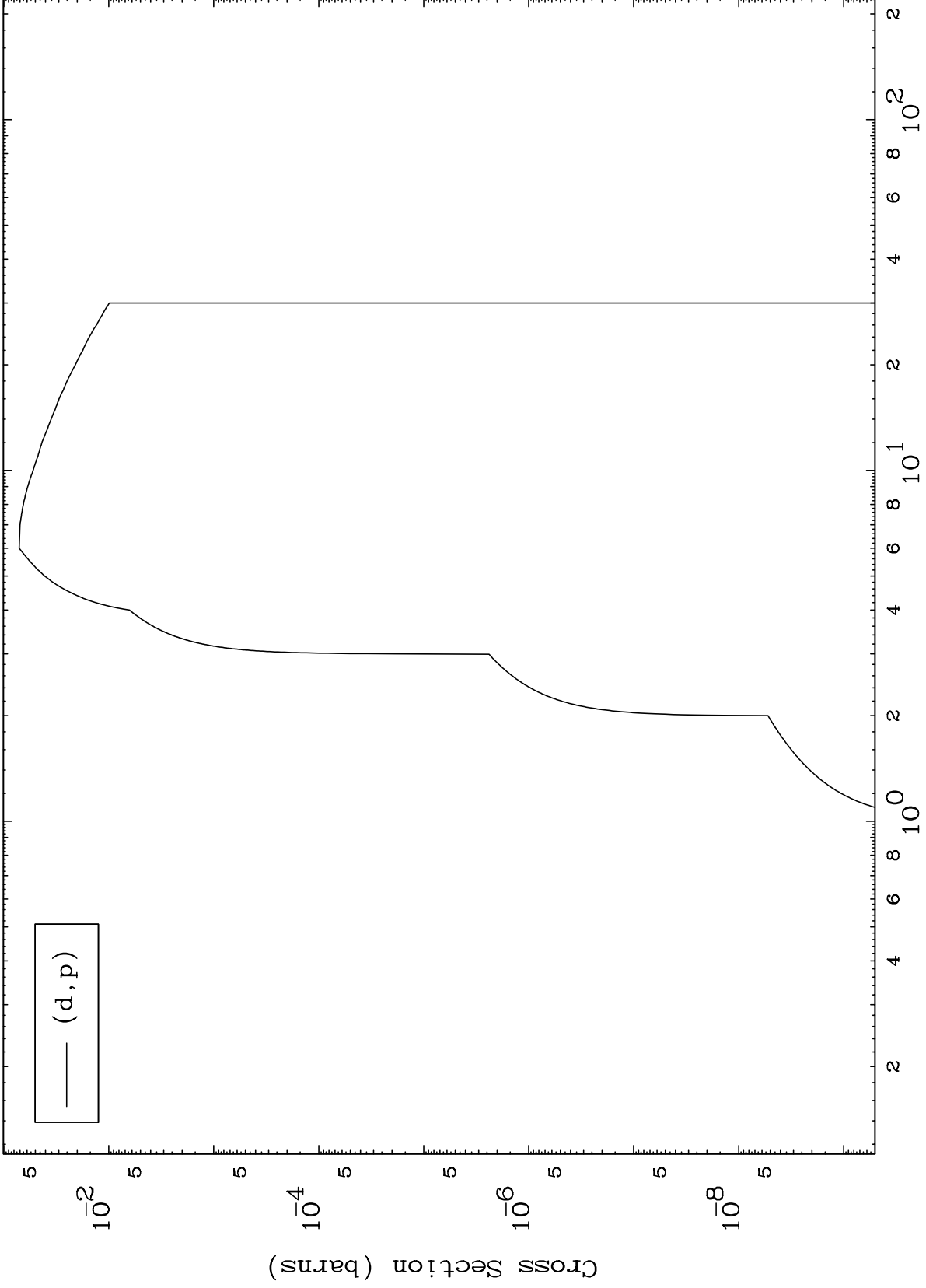


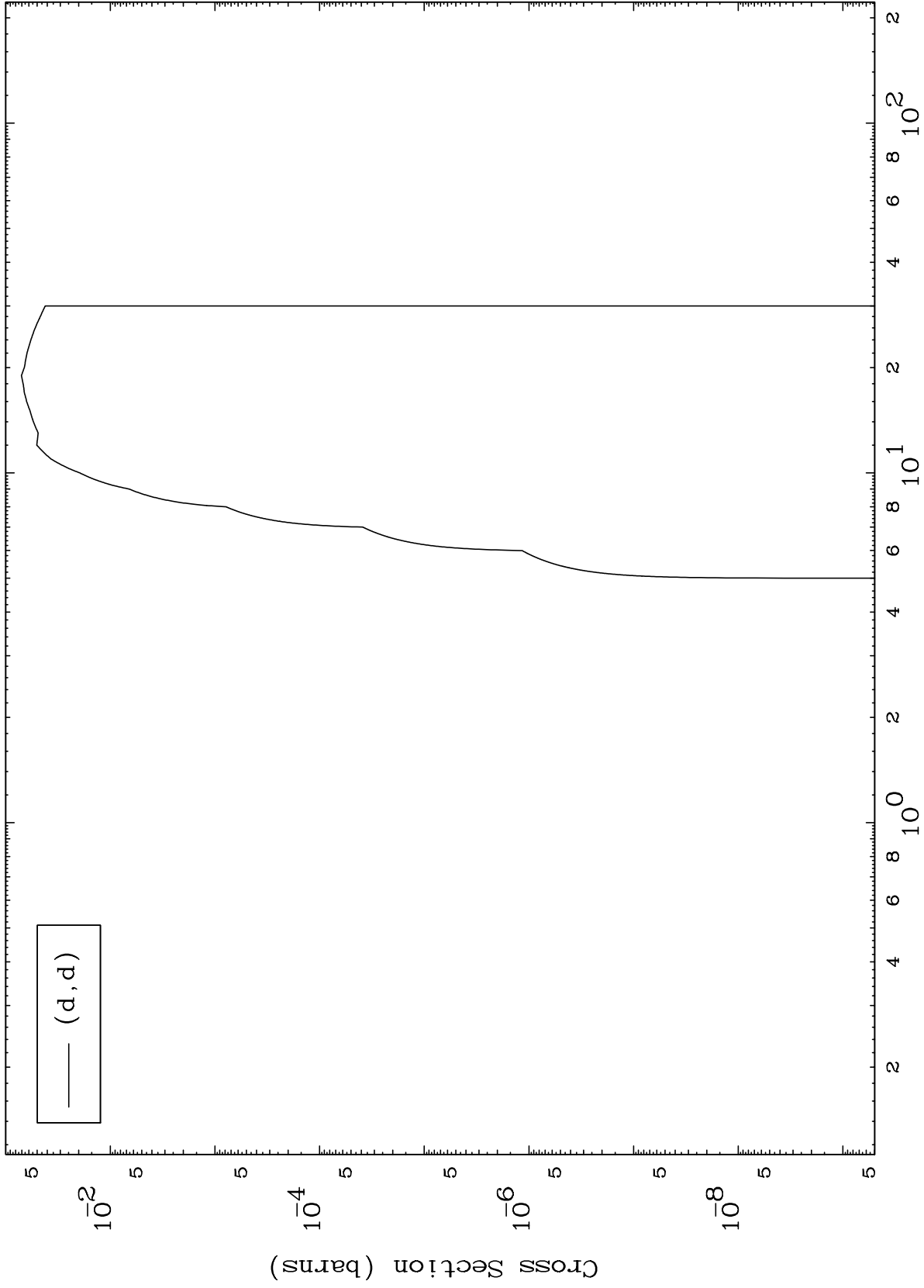


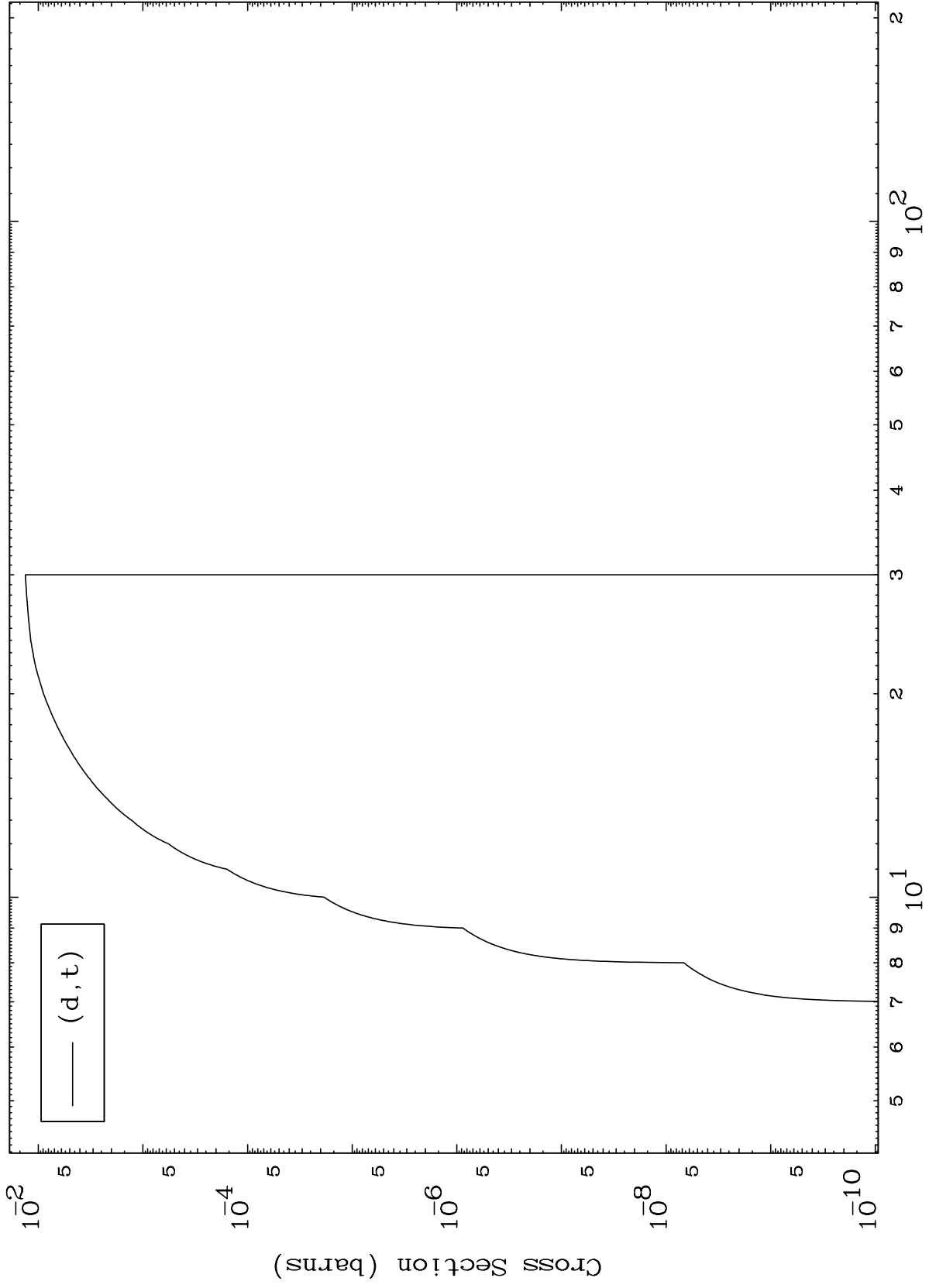
(d,n') Level
0 Kelvin Cross Sections



(d,p) Levels
0 Kelvin Cross Sections





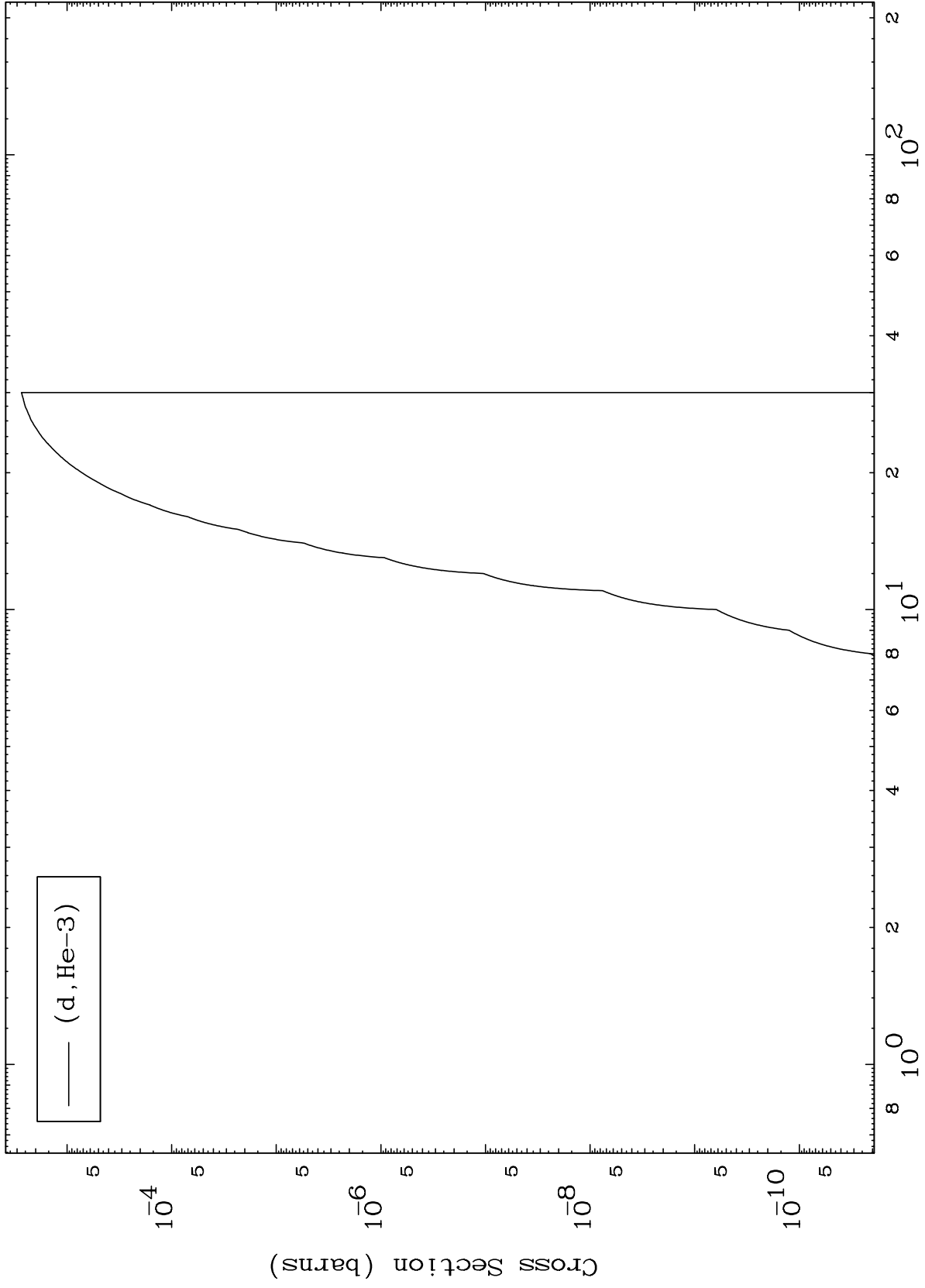


MAT 3926

(d,He3) Levels

39-Y -89

0 Kelvin Cross Sections

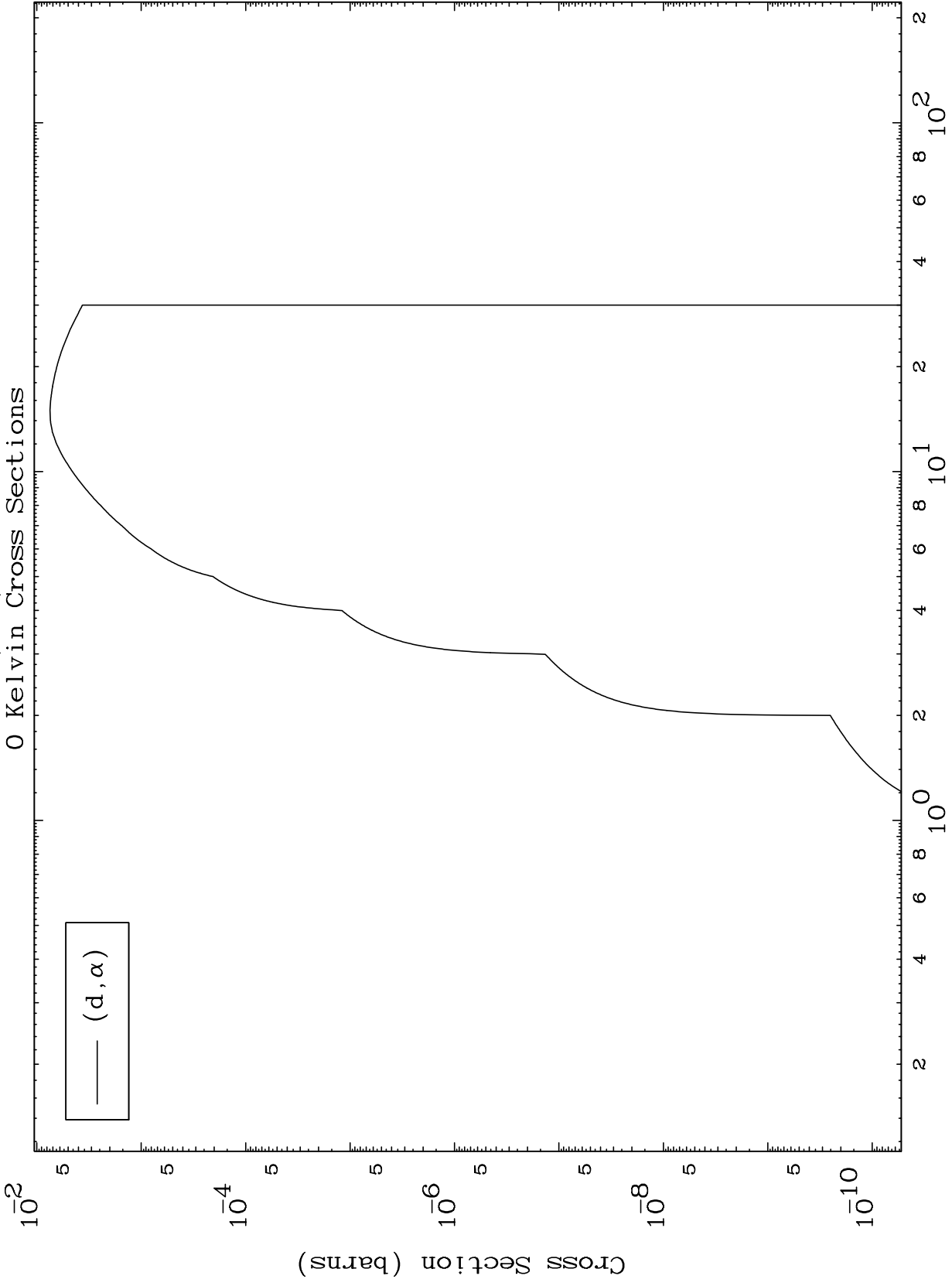


10

Incident Energy (MeV)

39-Y -89

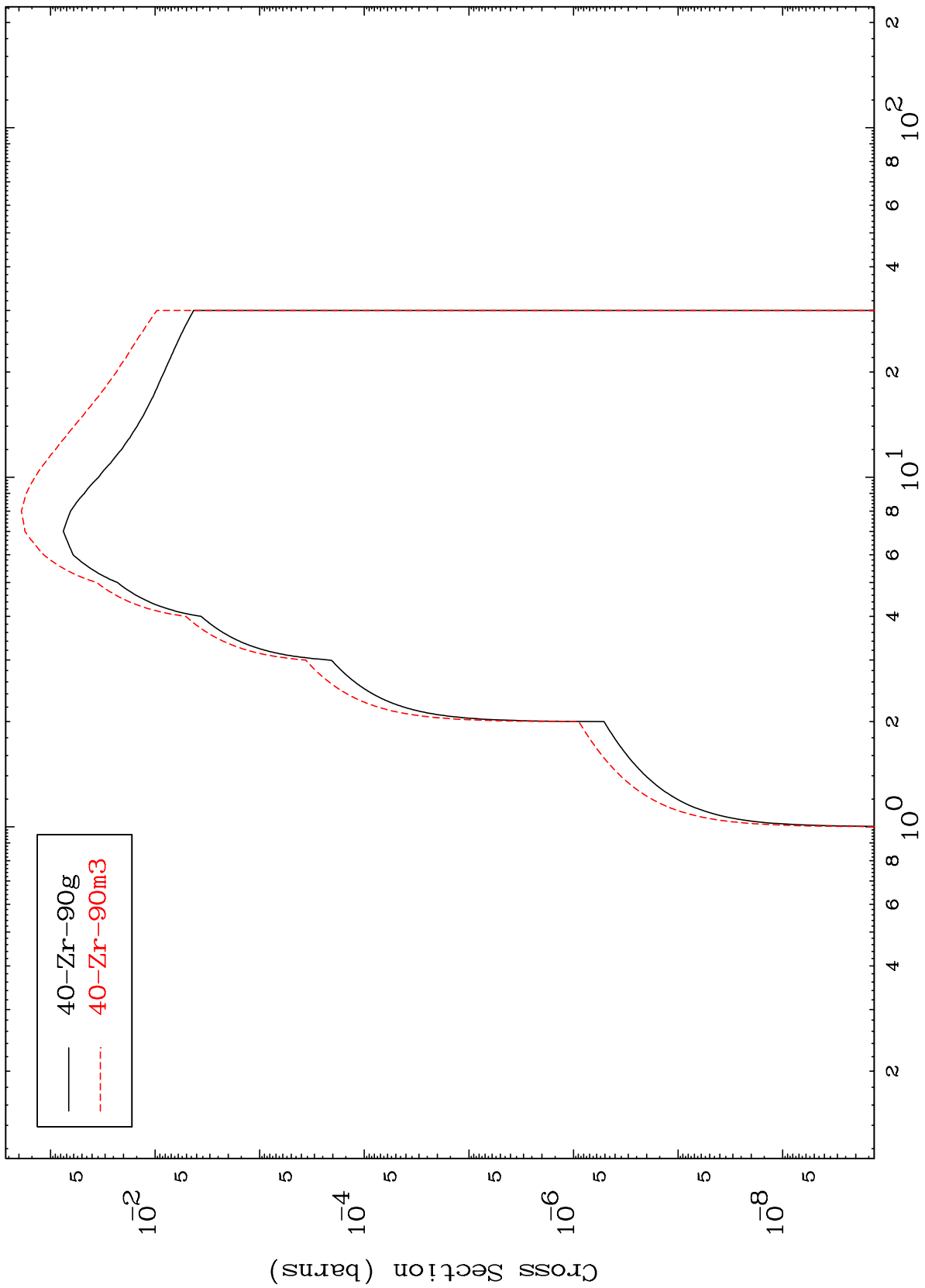
(d,α) Levels
0 Kelvin Cross Sections



MAT 3926

39-Y -89

Deuteron Inelastic
Radionuclide Production Cross Section

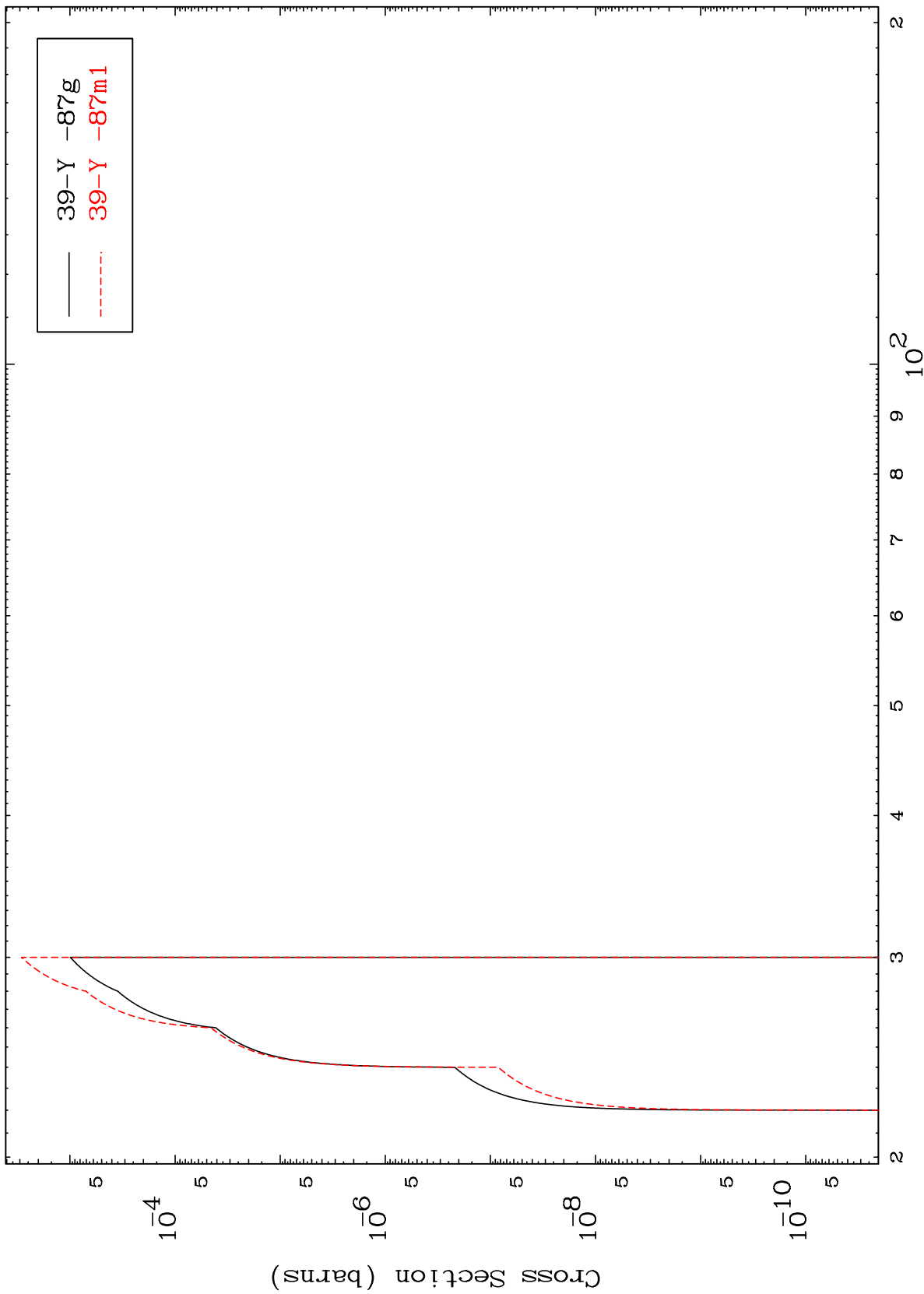


39-Y -89

Incident Energy (MeV)

12

Radionuclide Production Cross Section

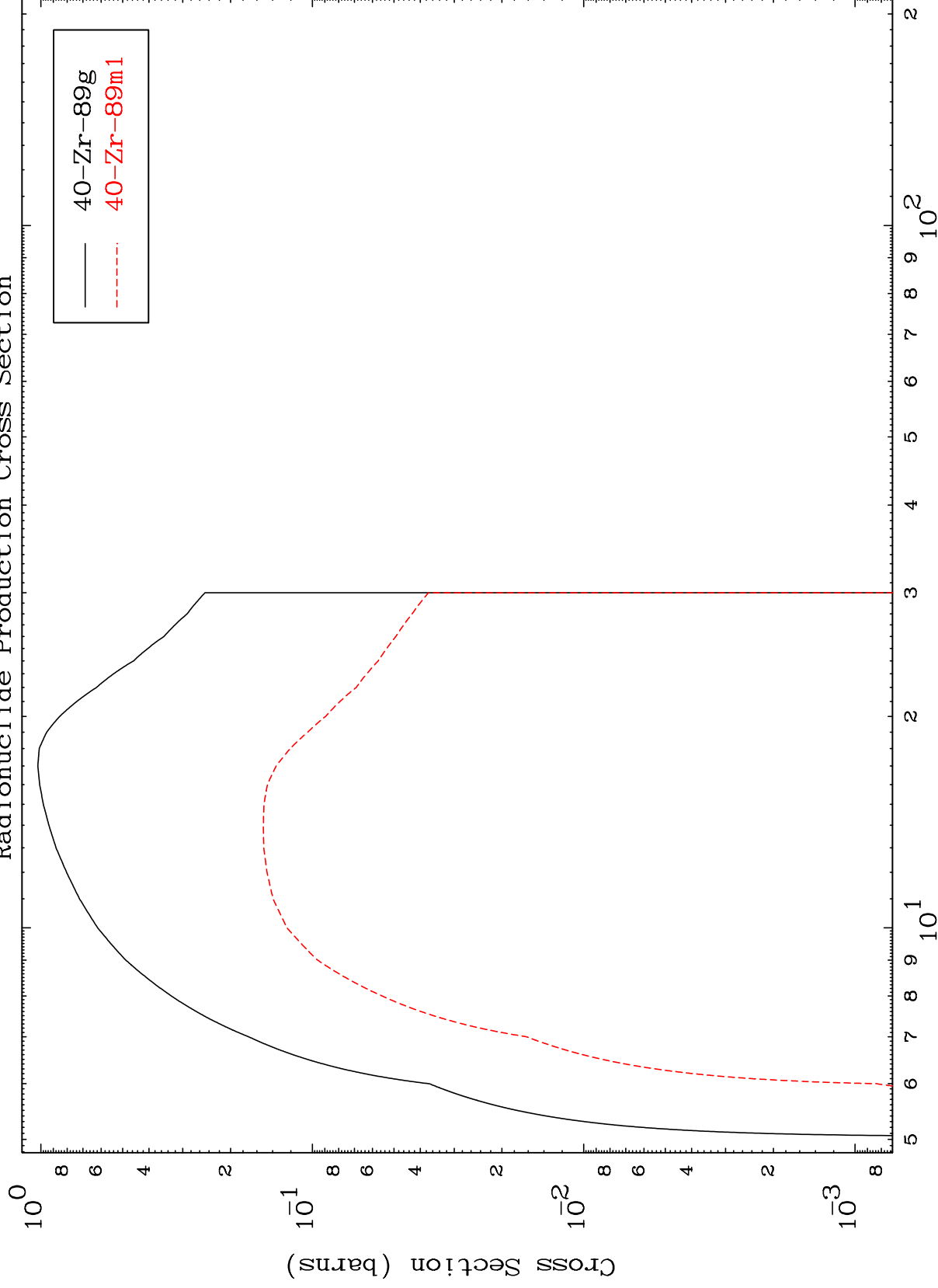


MAT 3926

(d,2n)

39-Y -89

Radionuclide Production Cross Section



Incident Energy (MeV)

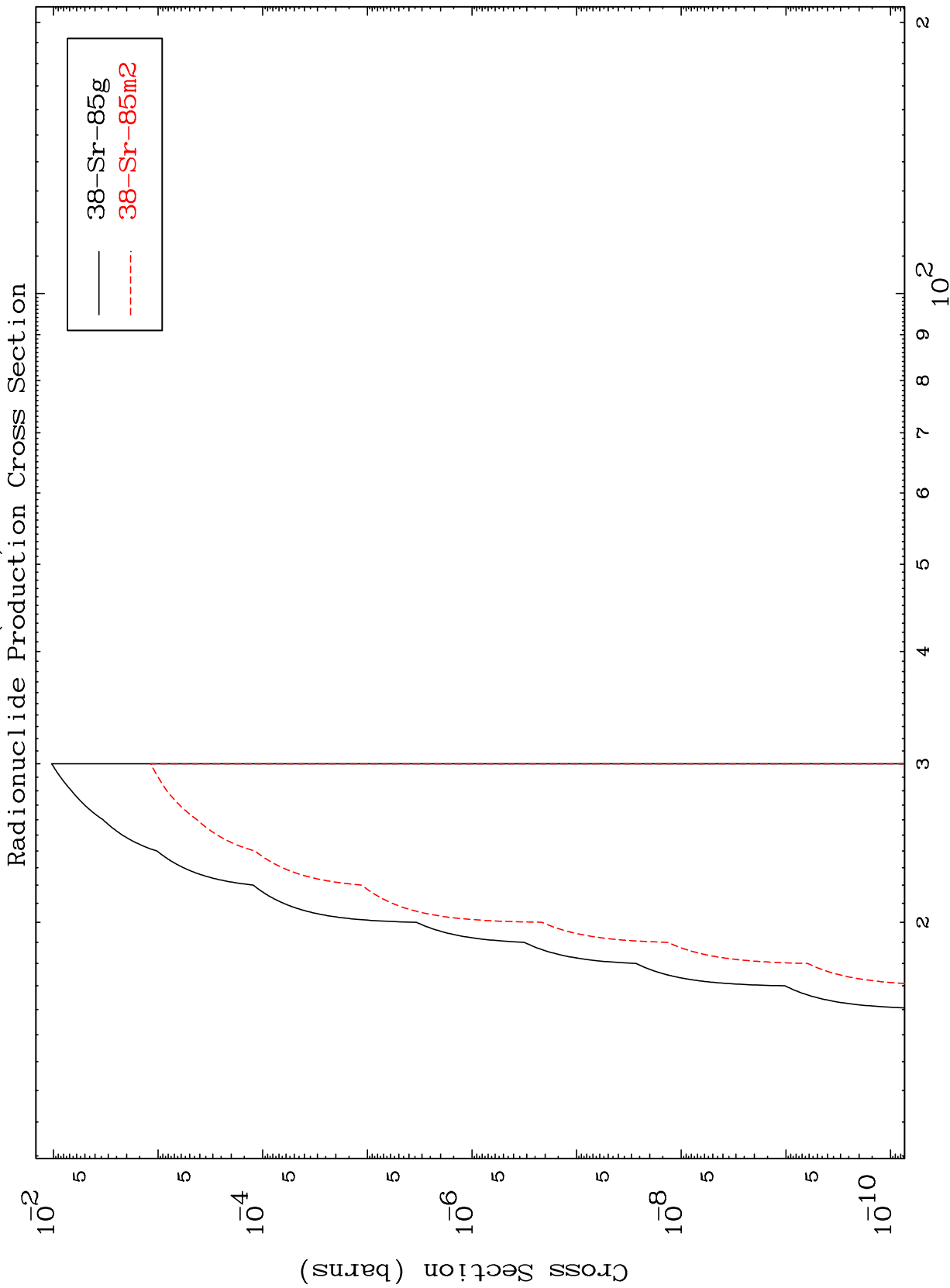
39-Y -89

14

MAT 3926

(d,2n) α

39-Y -89



15

Incident Energy (MeV)

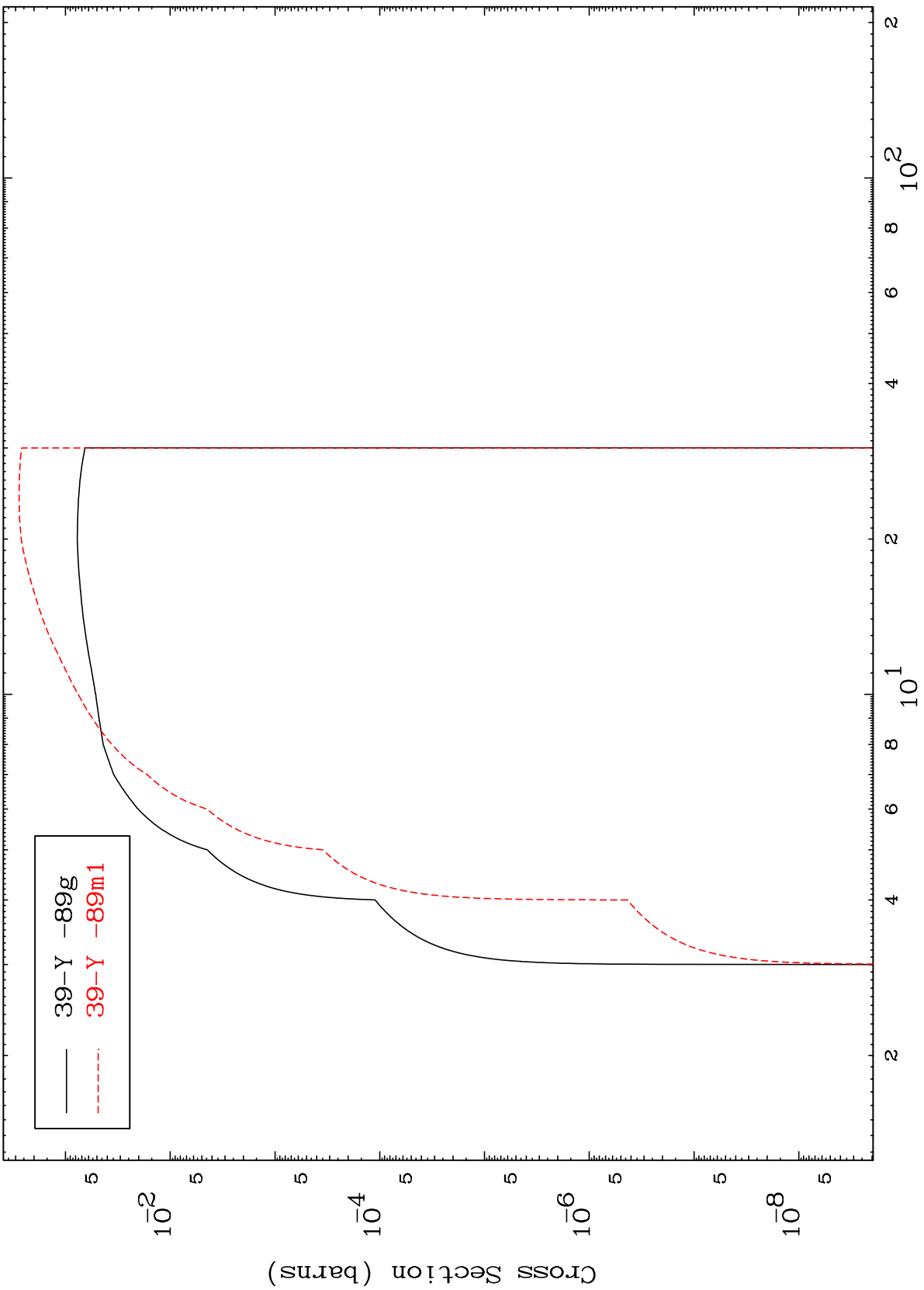
39-Y -89

MAT 3926

(d,n') p

39-Y -89

Radionuclide Production Cross Section

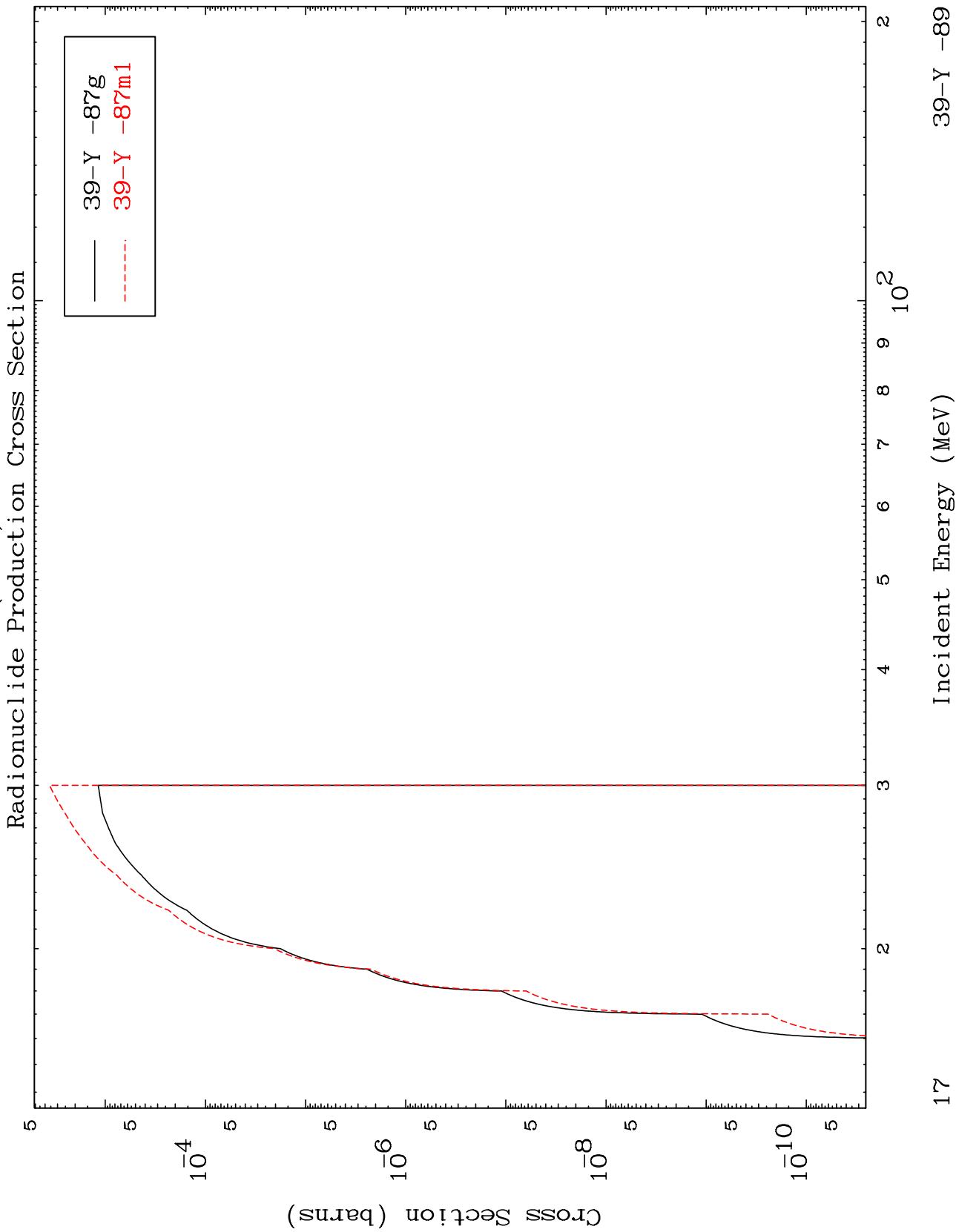


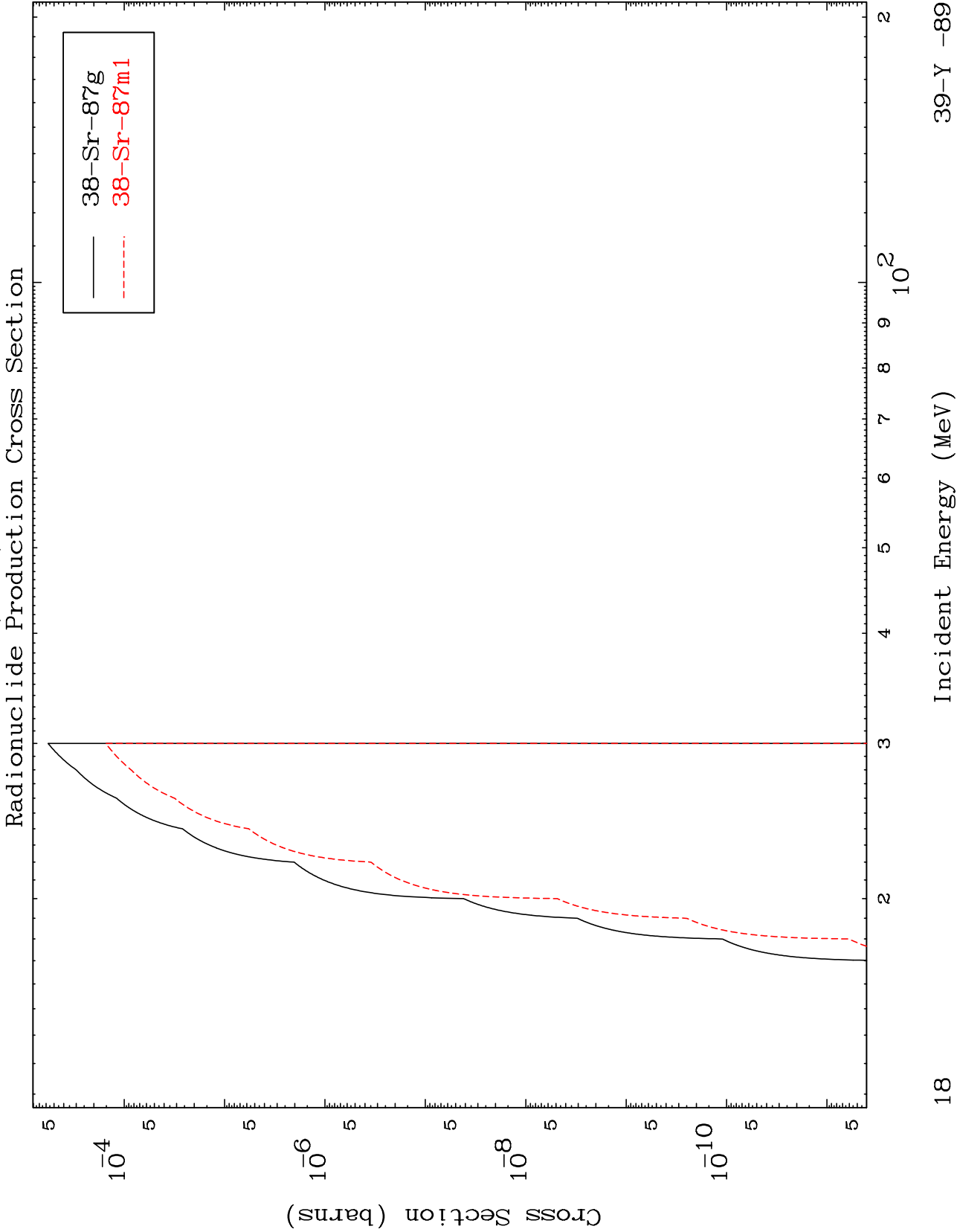
39-Y -89g
39-Y -89m1

16

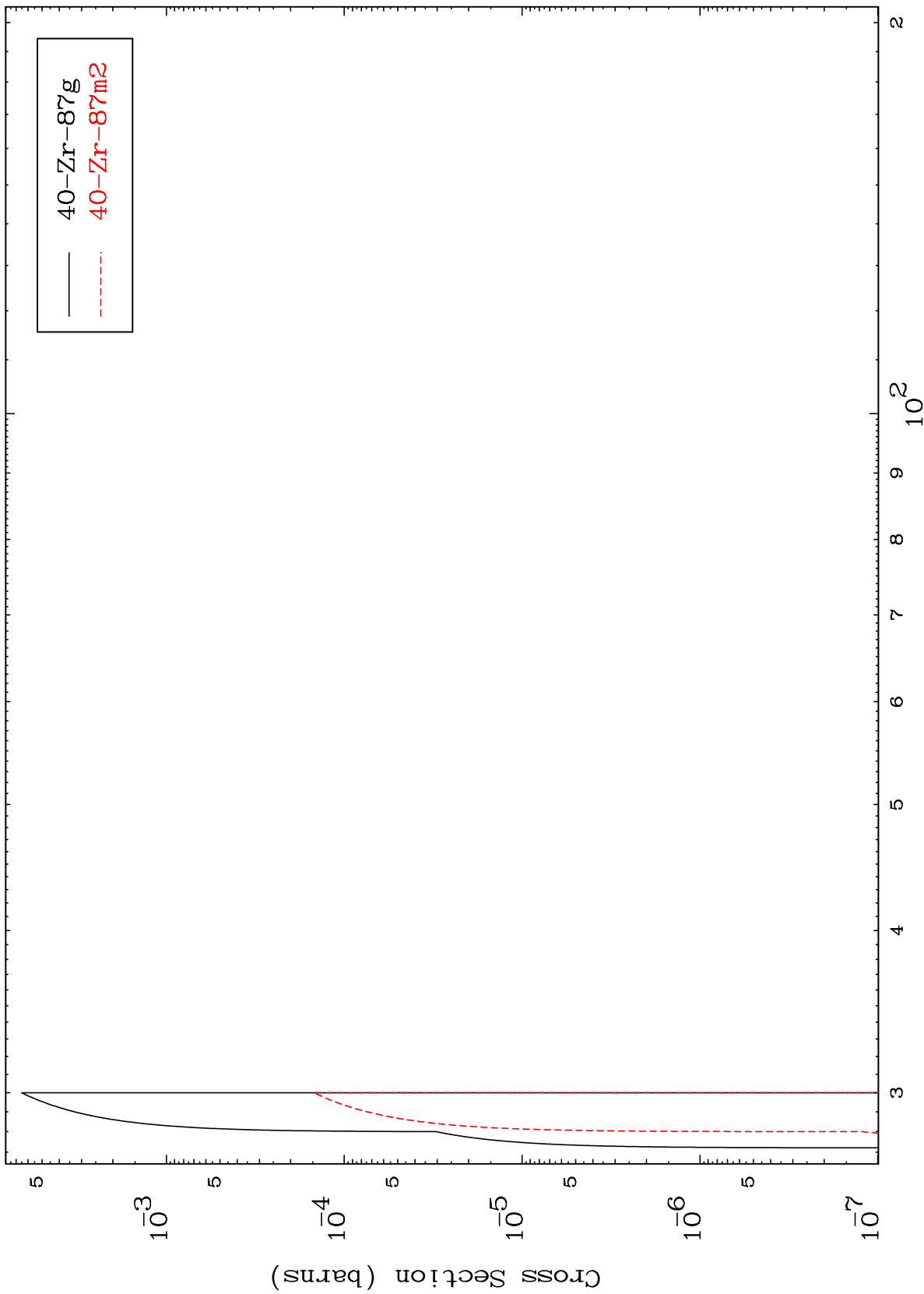
Incident Energy (MeV)

39-Y -89





Radionuclide Production Cross Section
(d,4n)



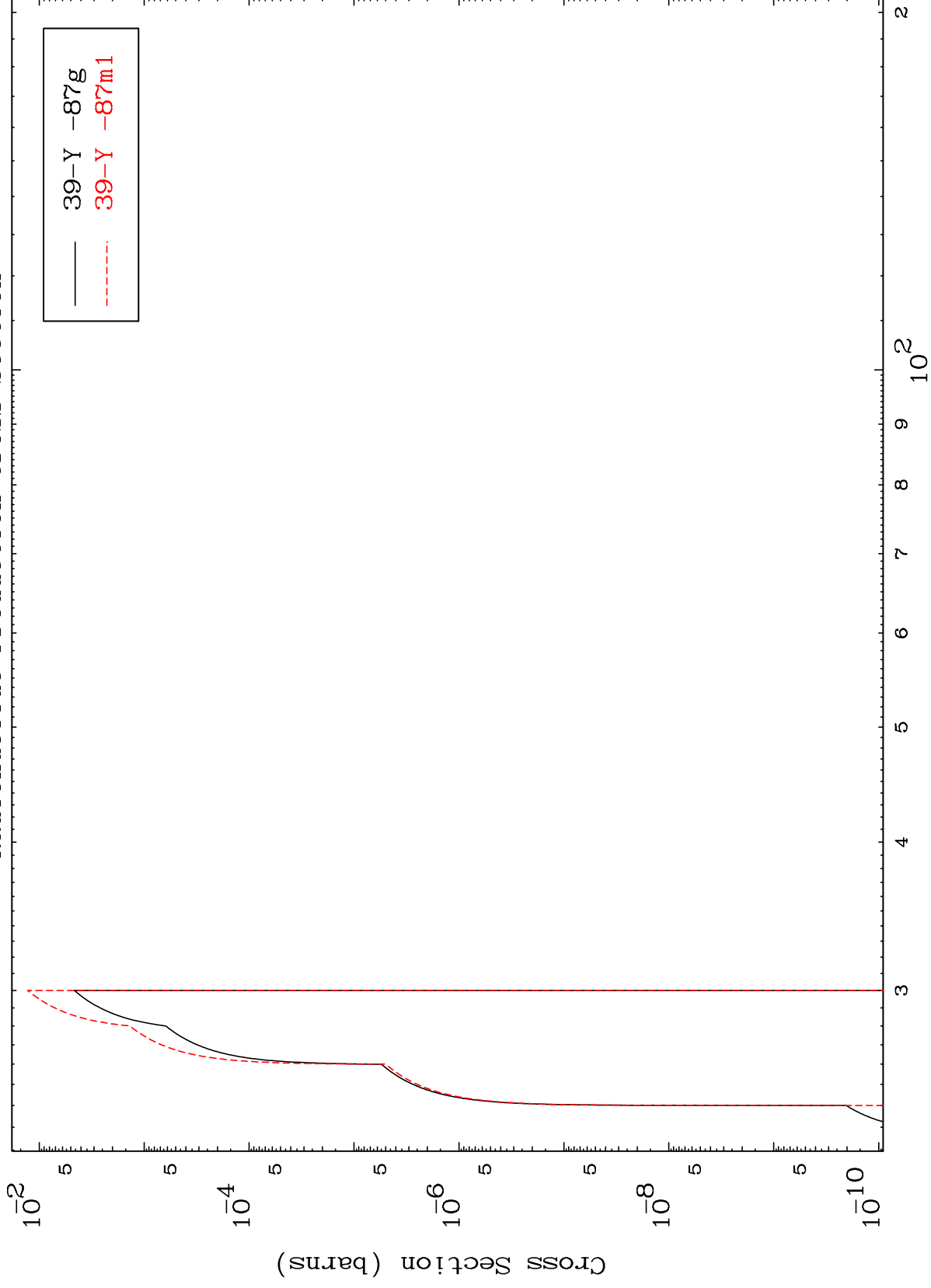
40-Zr-87g
40-Zr-87m2

MAT 3926

(d,3n) p

39-Y -89

Radionuclide Production Cross Section



20

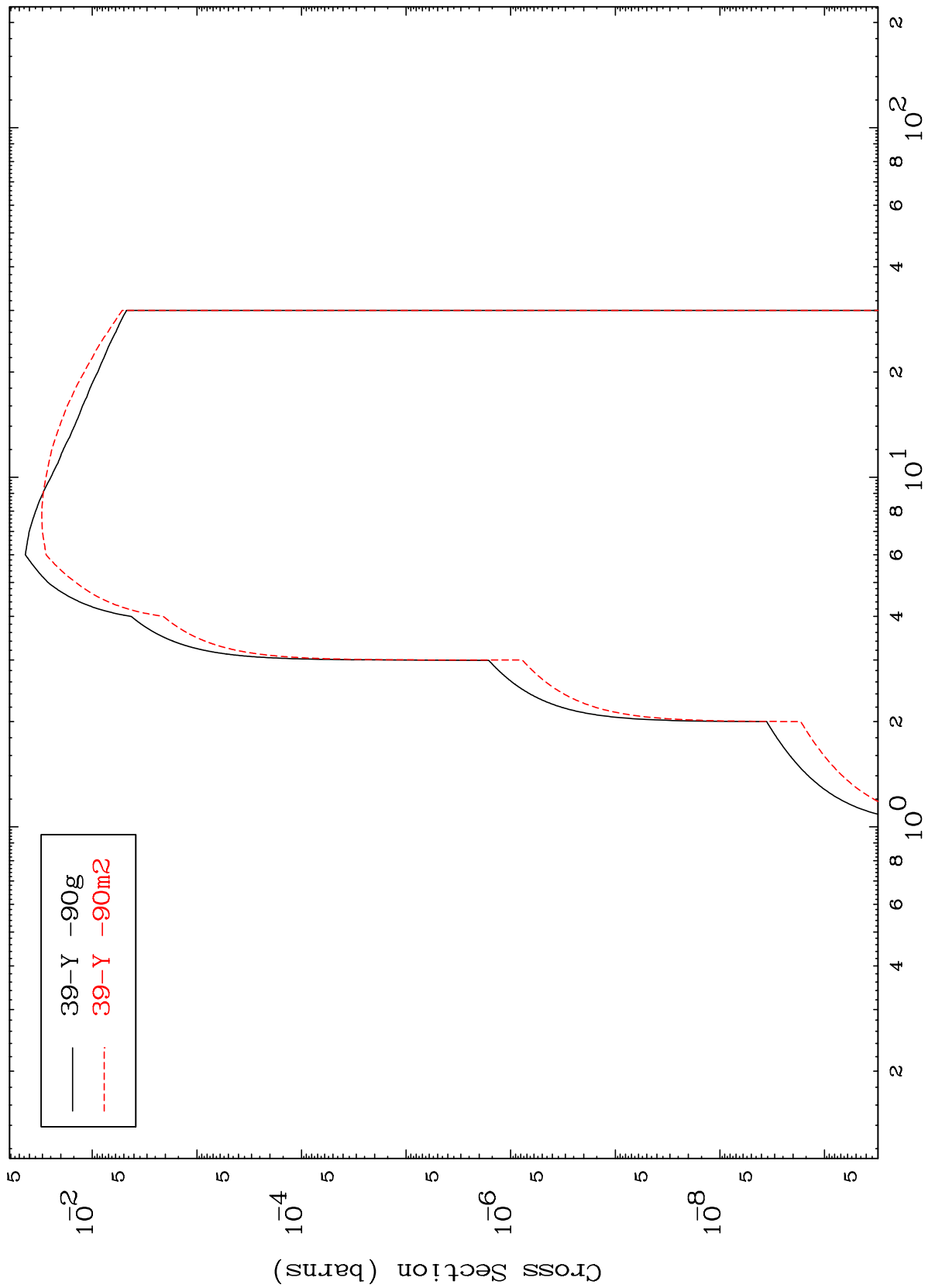
Incident Energy (MeV)

39-Y -89

MAT 3926

39-Y -89

(d,p)
Radionuclide Production Cross Section

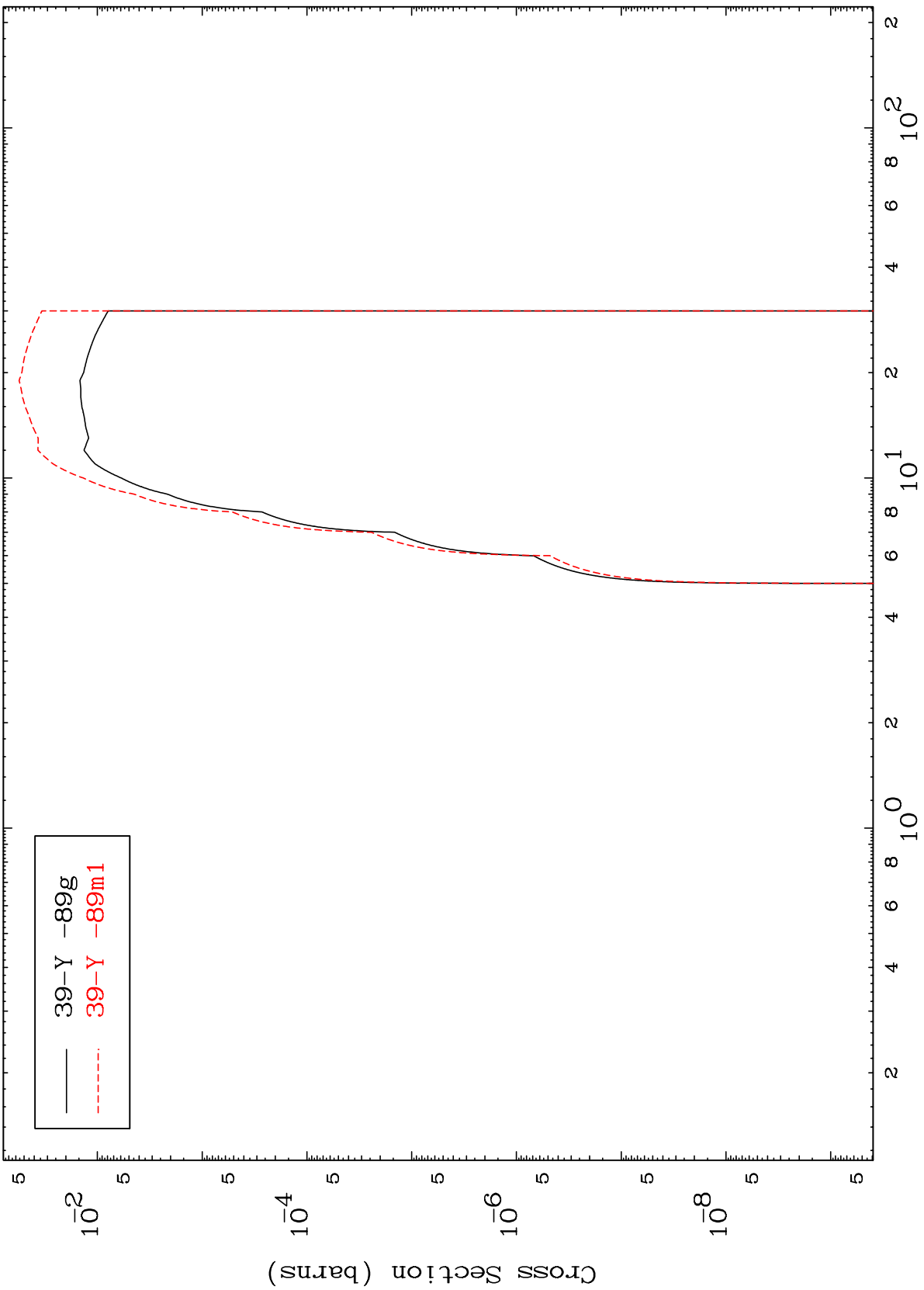


— 39-Y -90g
- - - 39-Y -90m2

MAT 3926

39-Y -89

(d,d)
Radionuclide Production Cross Section



— 39-Y -89g
- - - 39-Y -89m1

39-Y -89

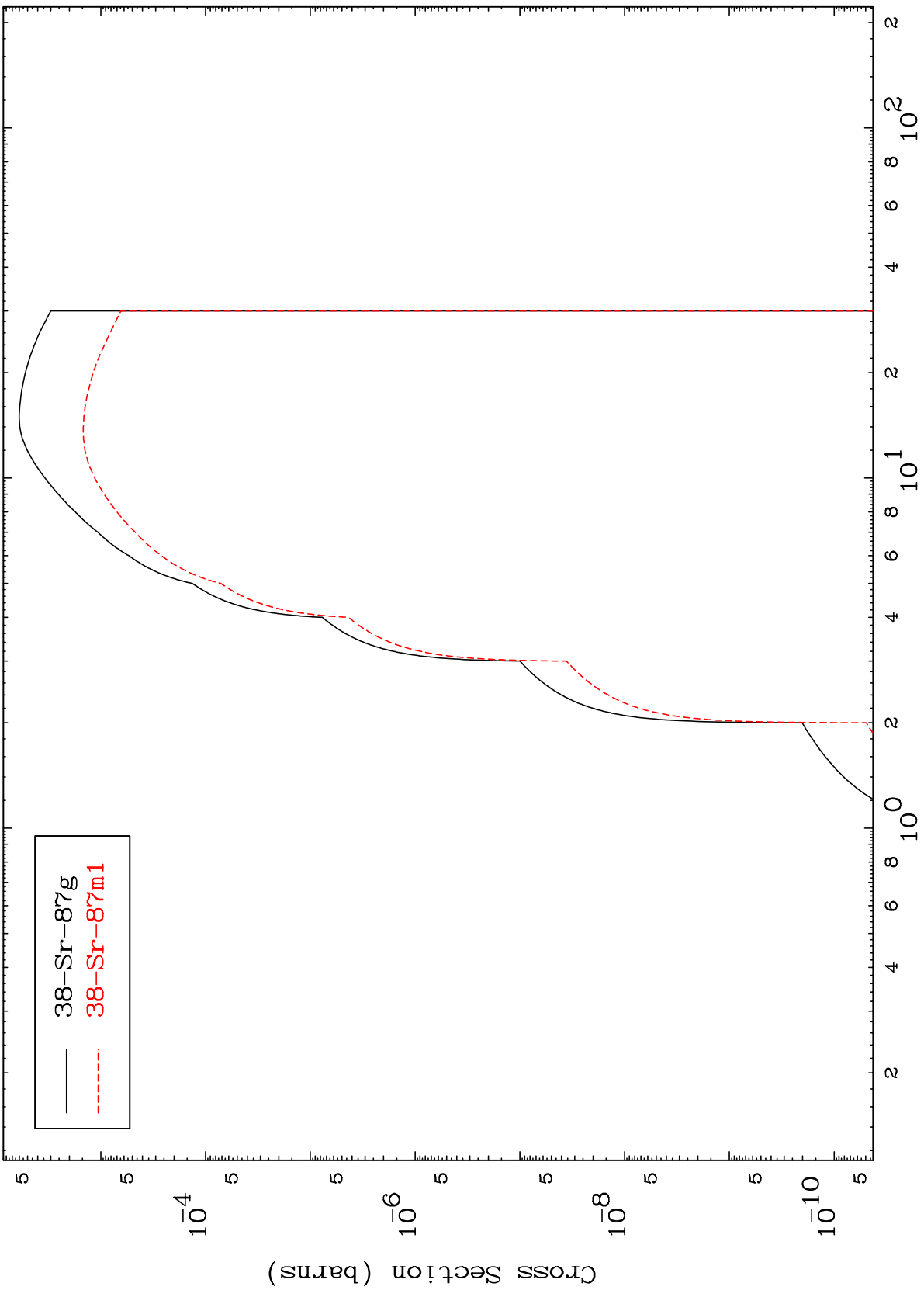
Incident Energy (MeV)

22

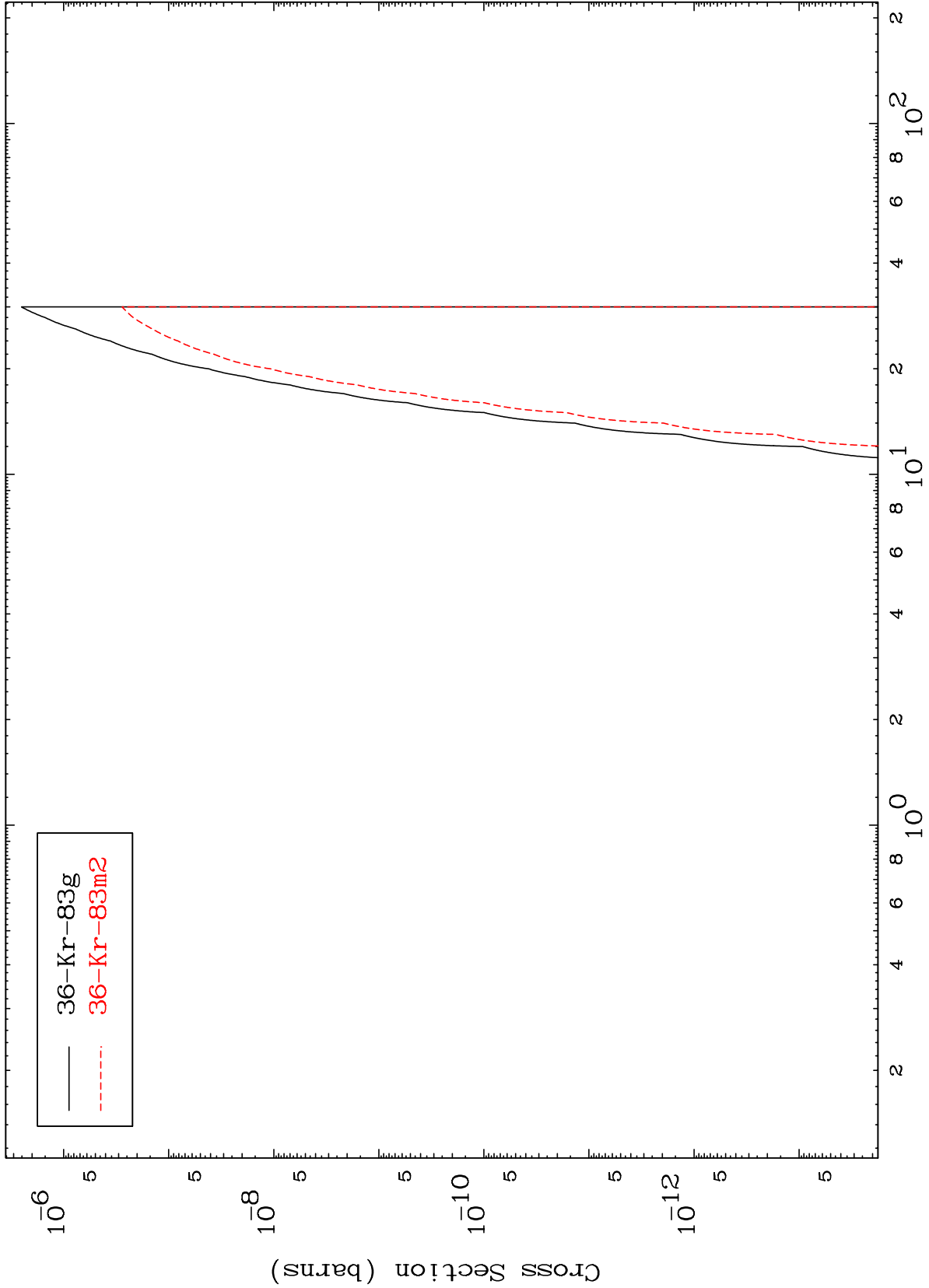
MAT 3926

39-Y -89

(d, α)
Radionuclide Production Cross Section

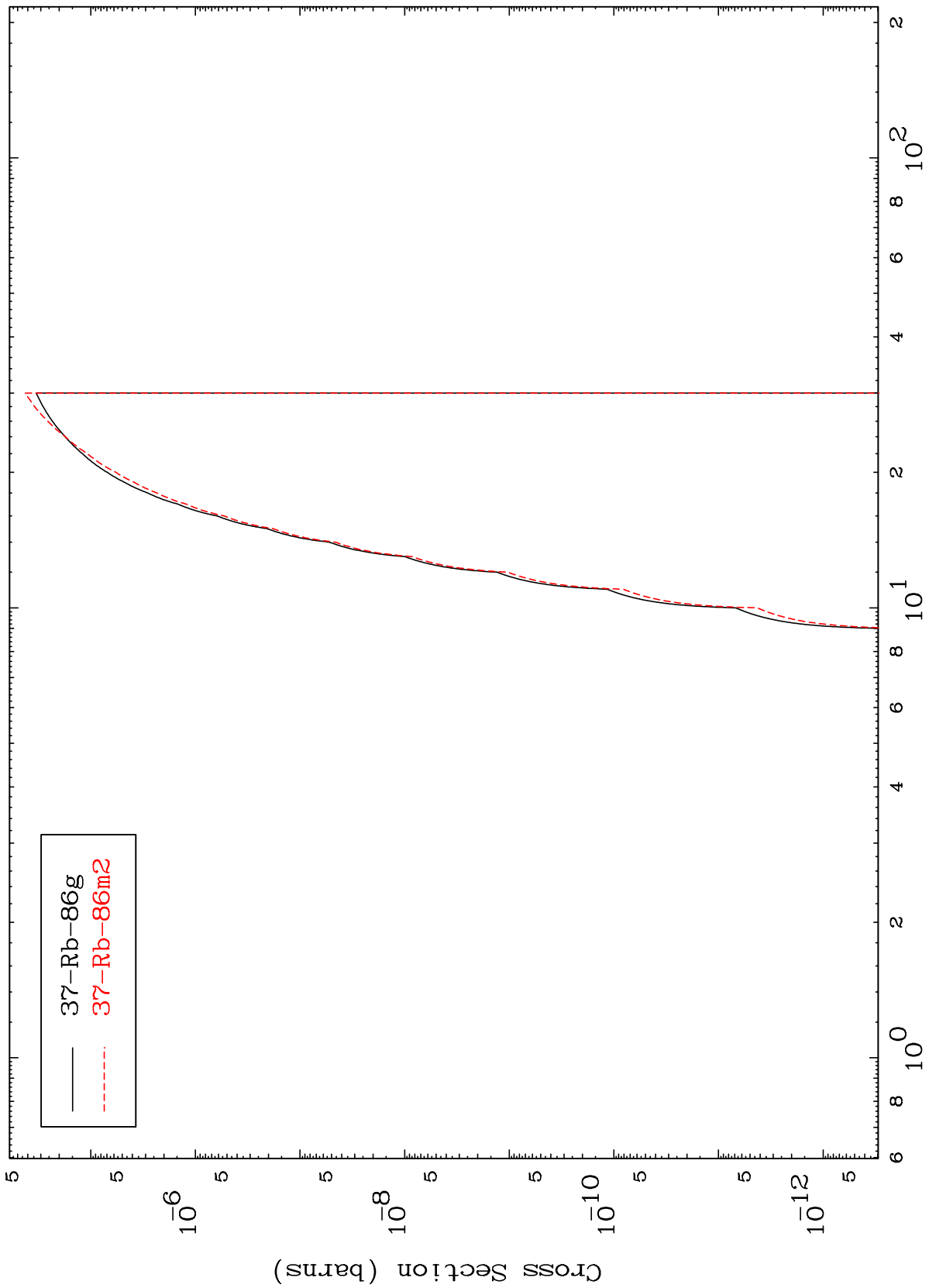


Radionuclide Production Cross Section



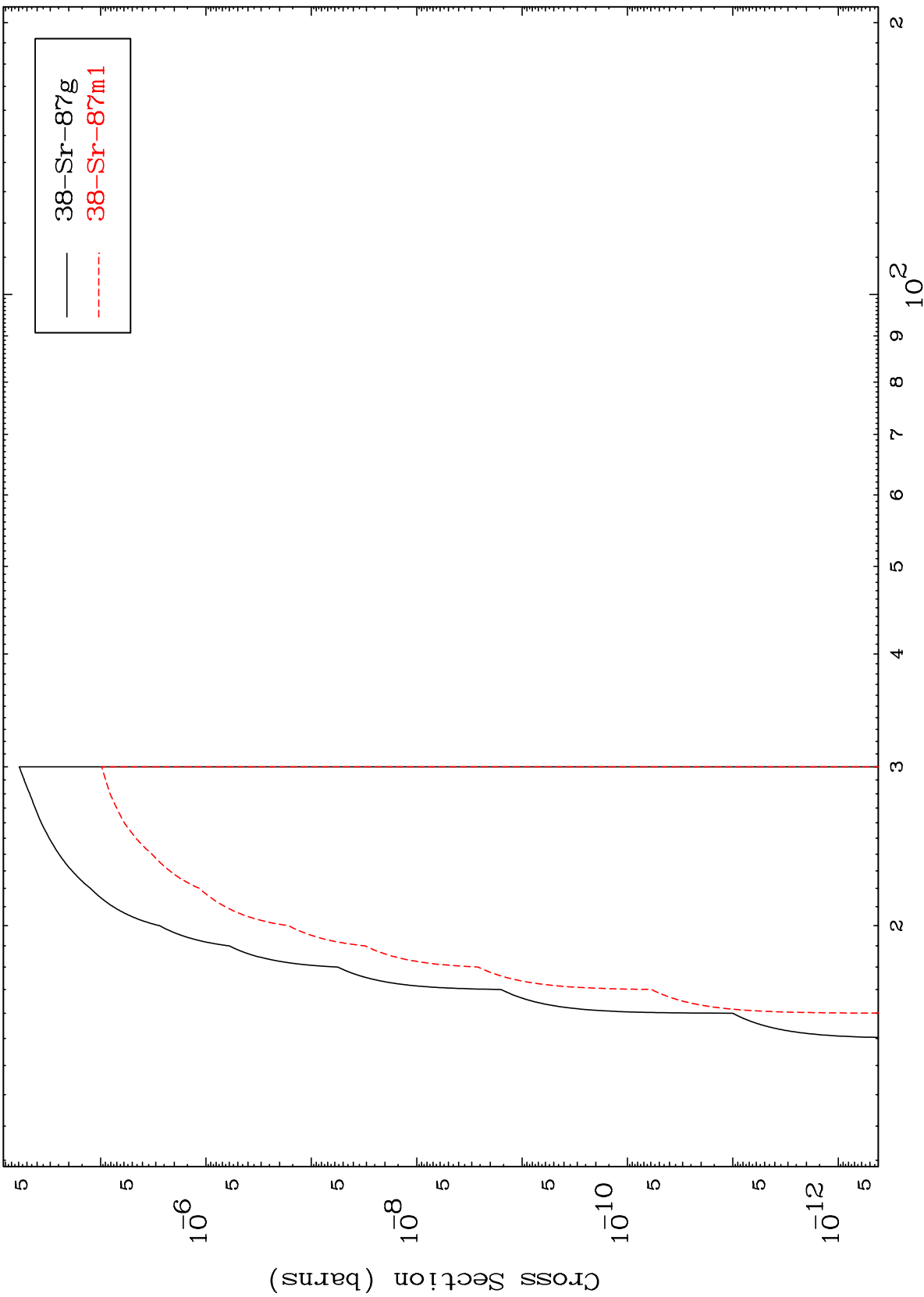
— 36-Kr-83g
- - - 36-Kr-83m2

Radionuclide Production Cross Section



— 37-Rb-86g
- - - 37-Rb-86m2

Radionuclide Production Cross Section



— 38-Sr-87g
- - - 38-Sr-87m1