

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

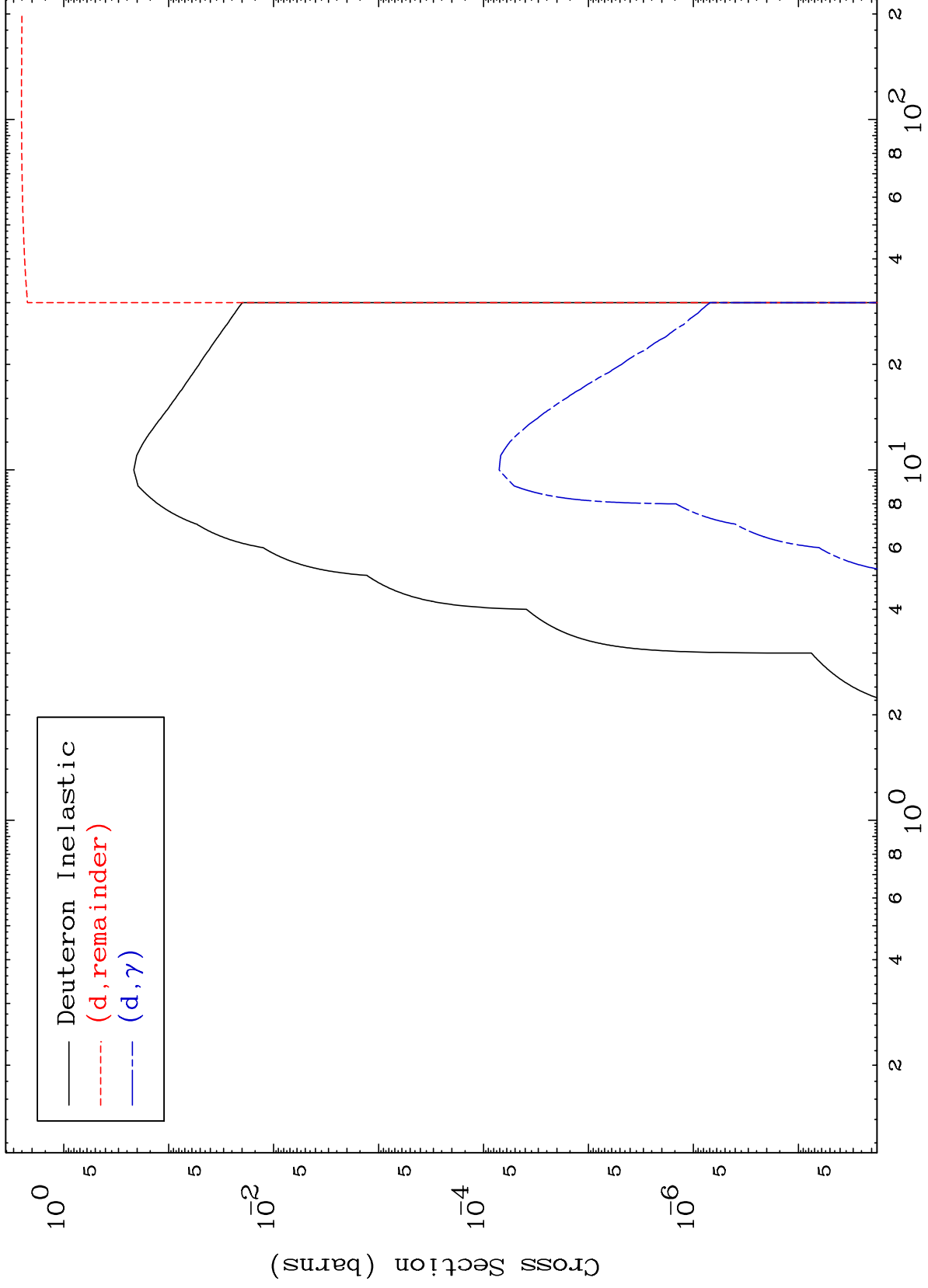
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

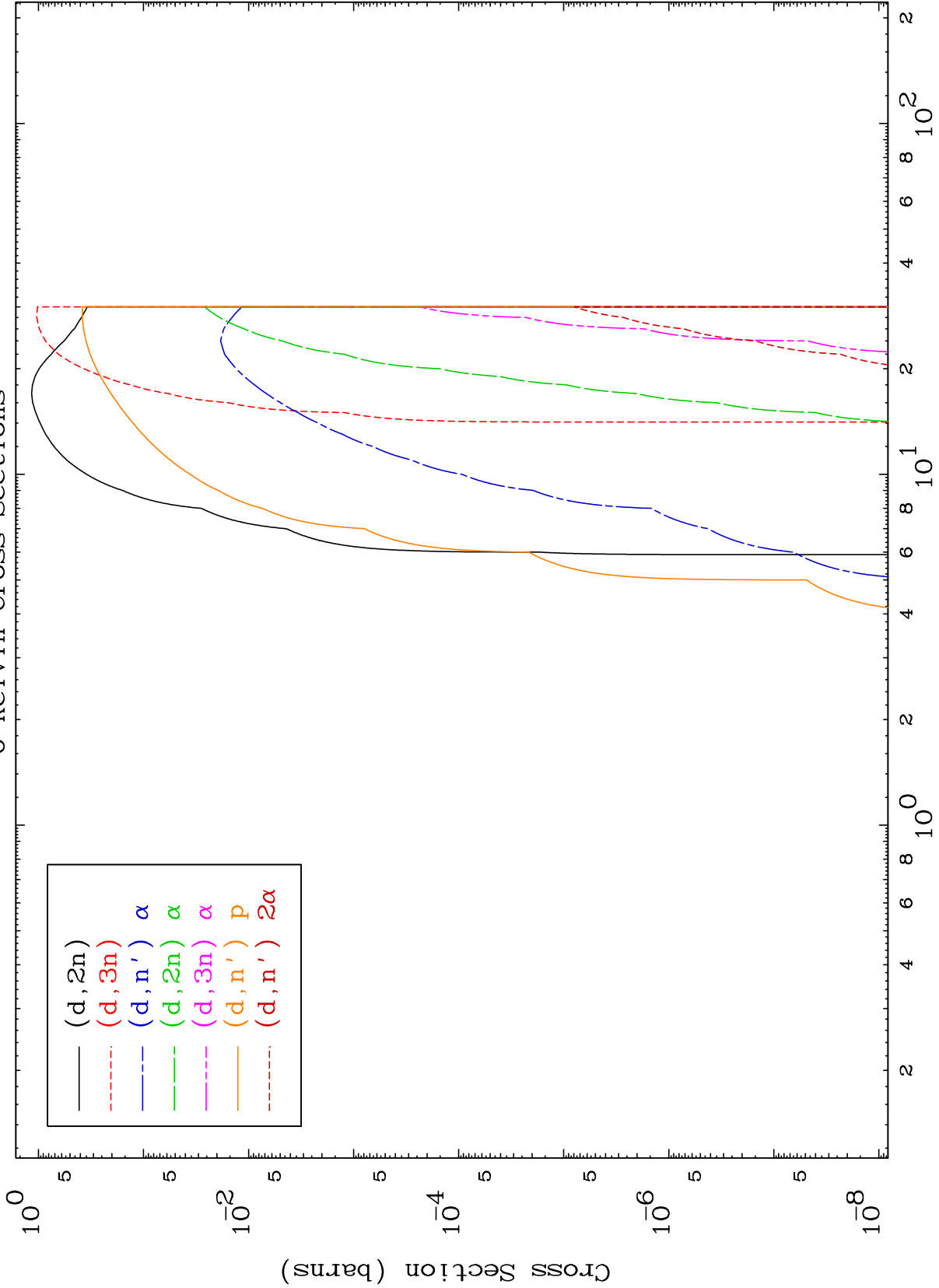
Tele: 925-443-1911

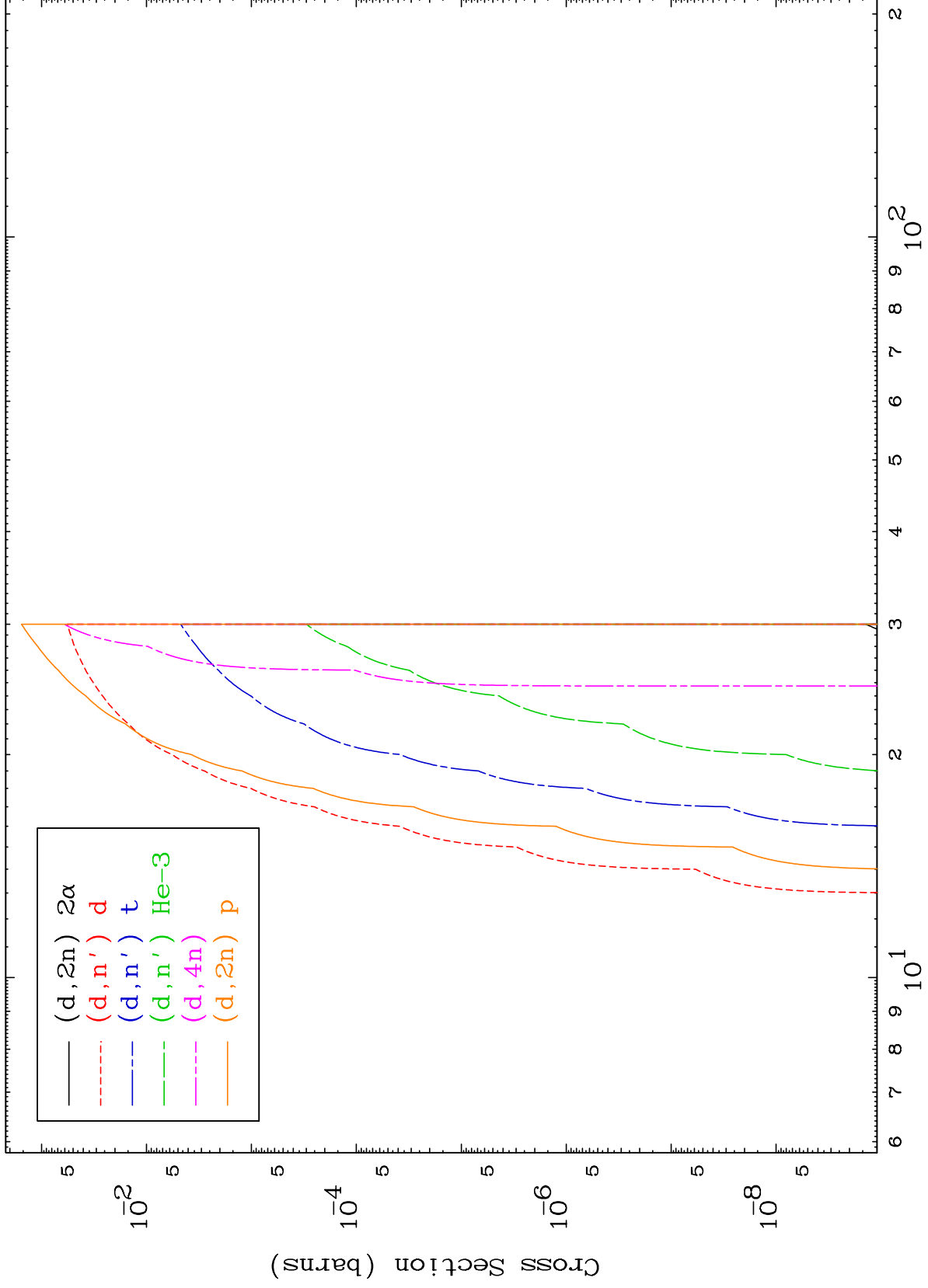
E.Mail:redcullen1@comcast.net

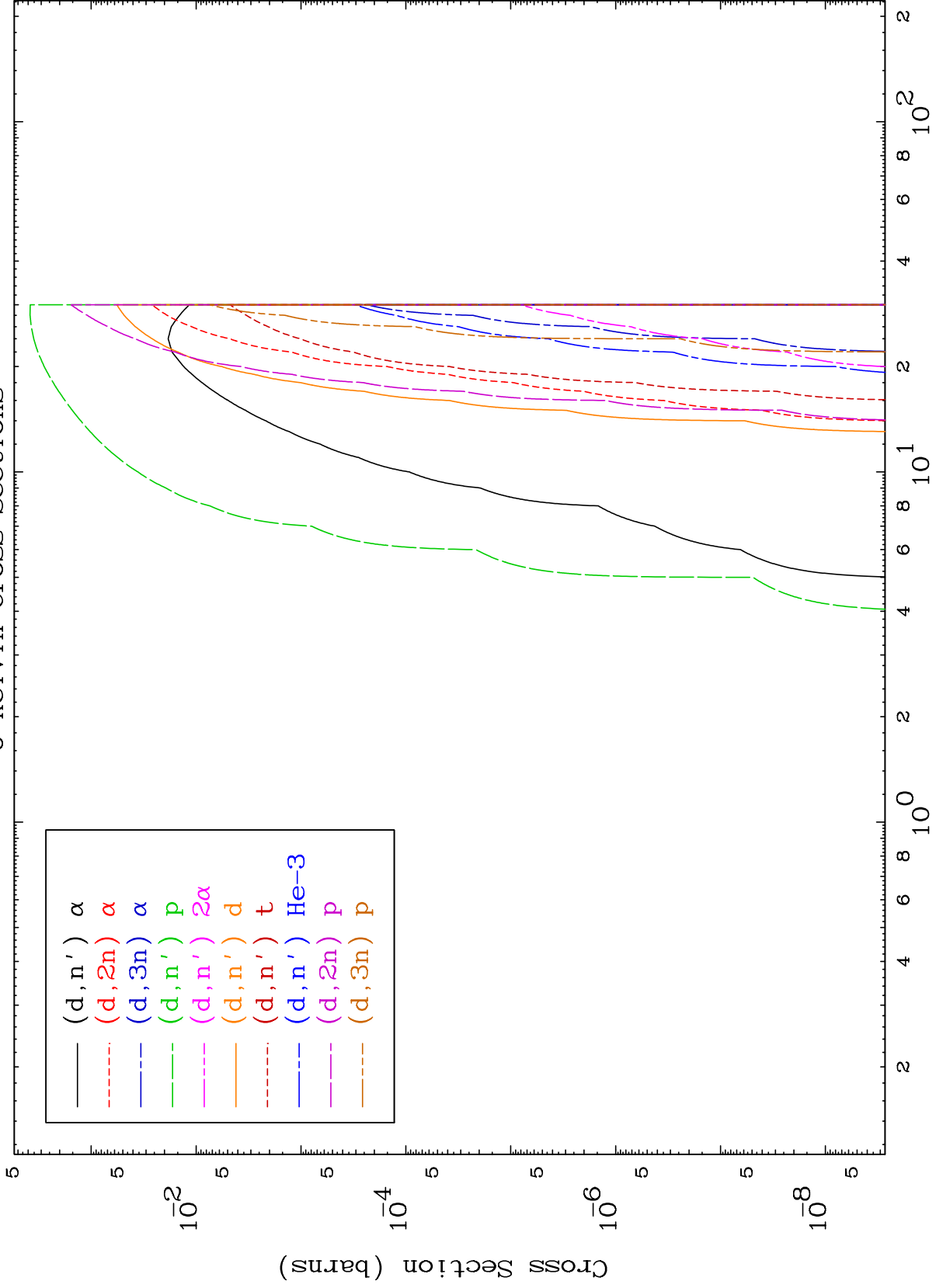
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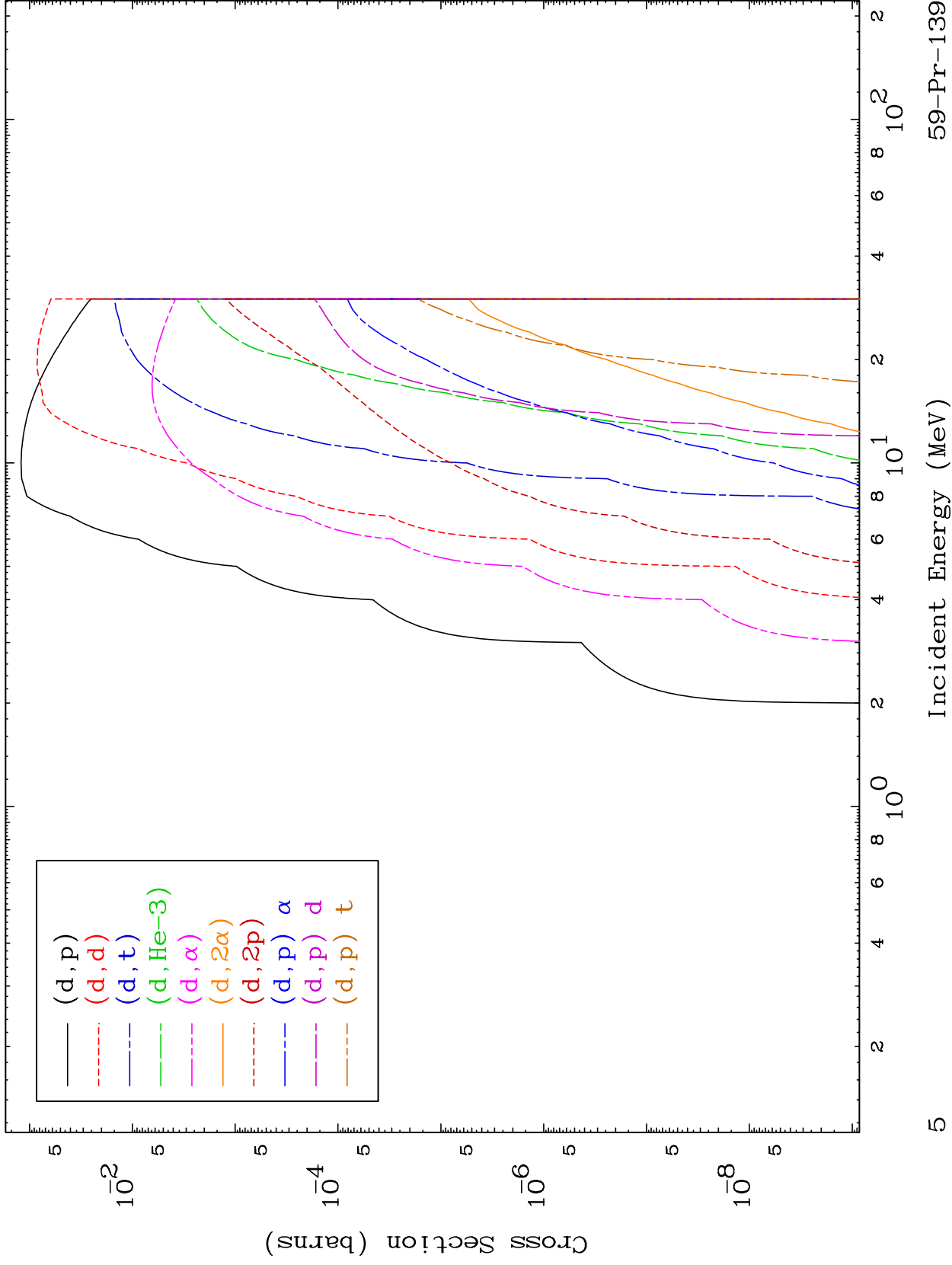
Press Mouse Button to Start



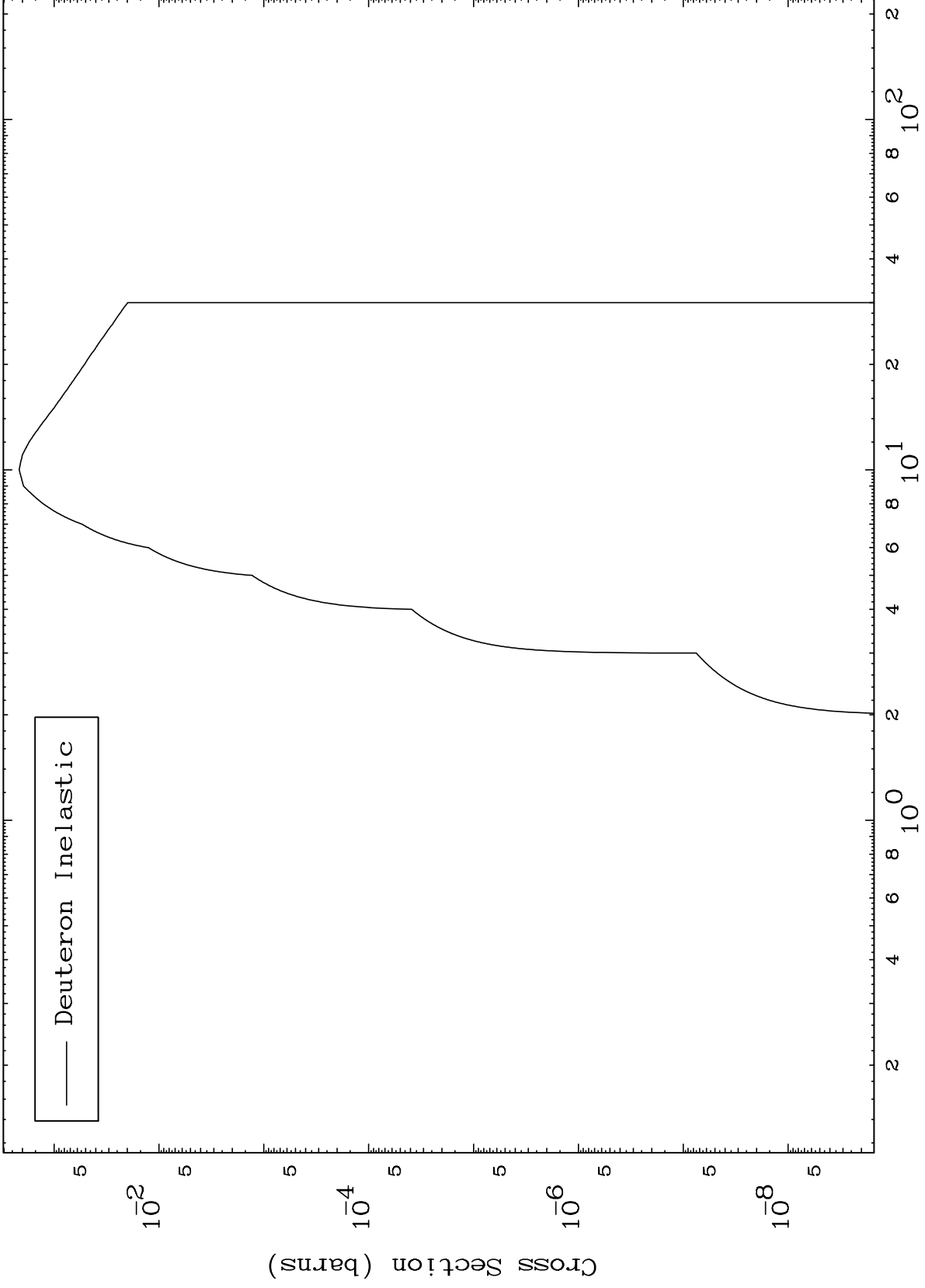




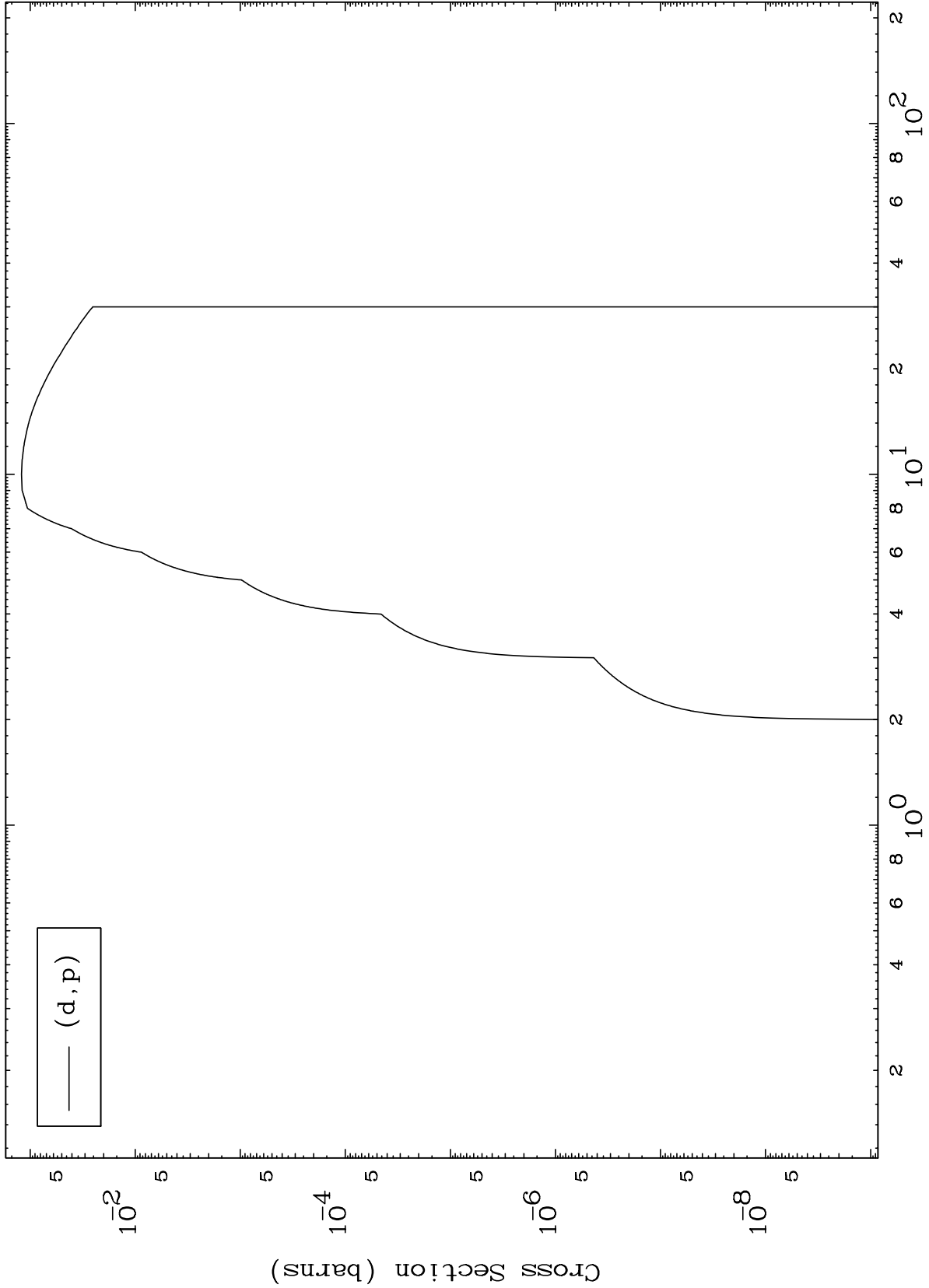


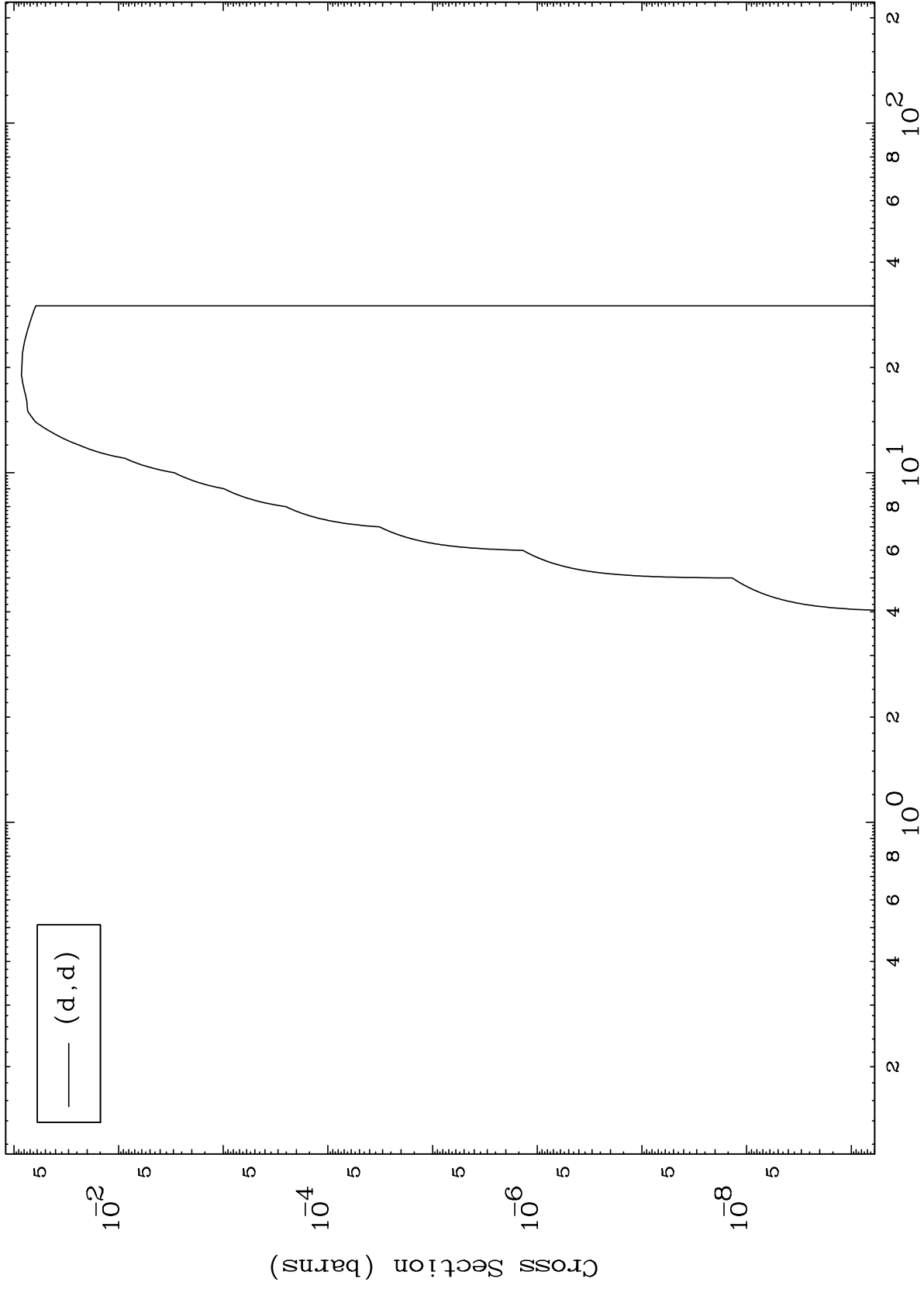


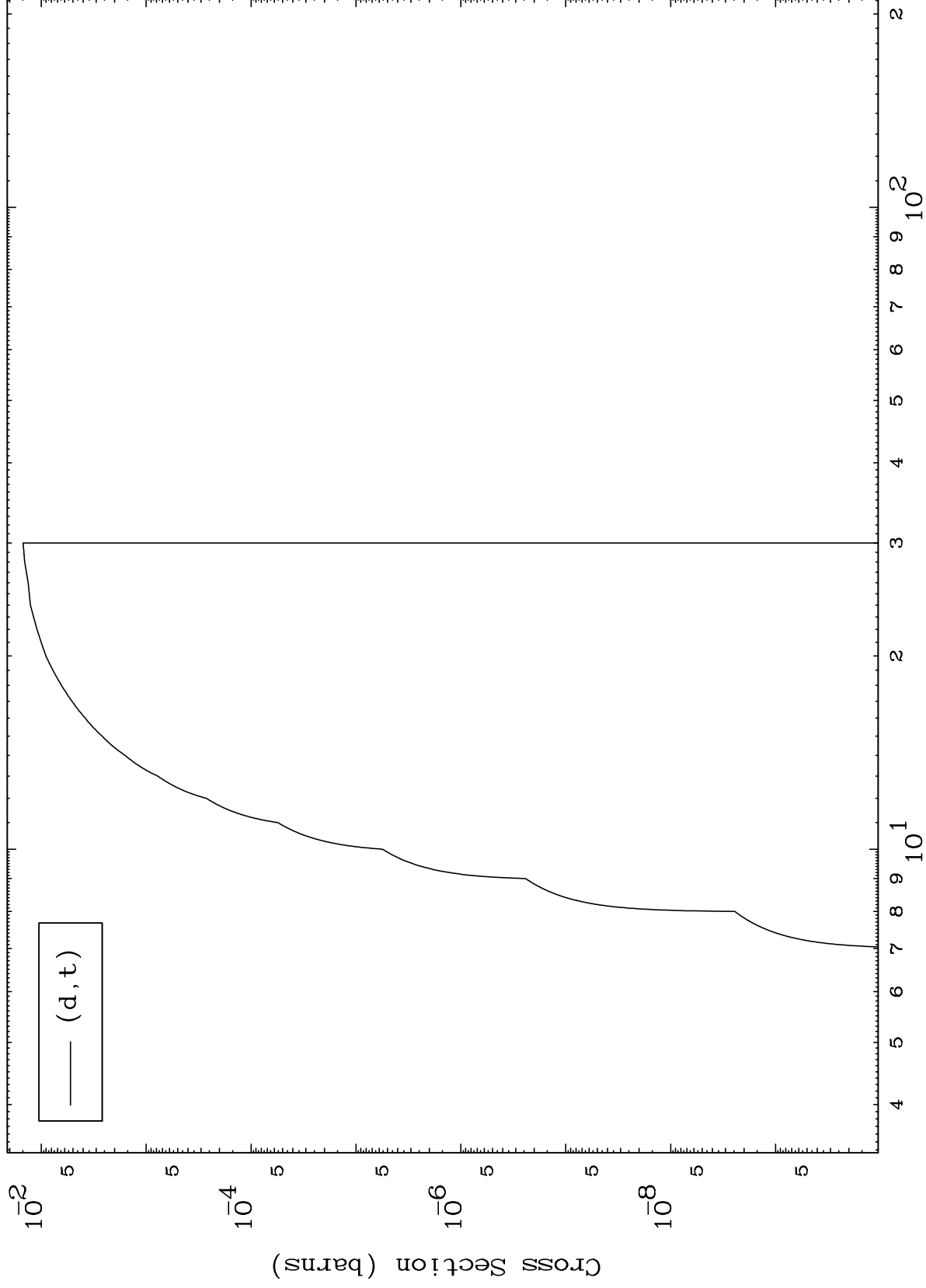
0 Kelvin Cross Sections



(d,p) Levels
0 Kelvin Cross Sections





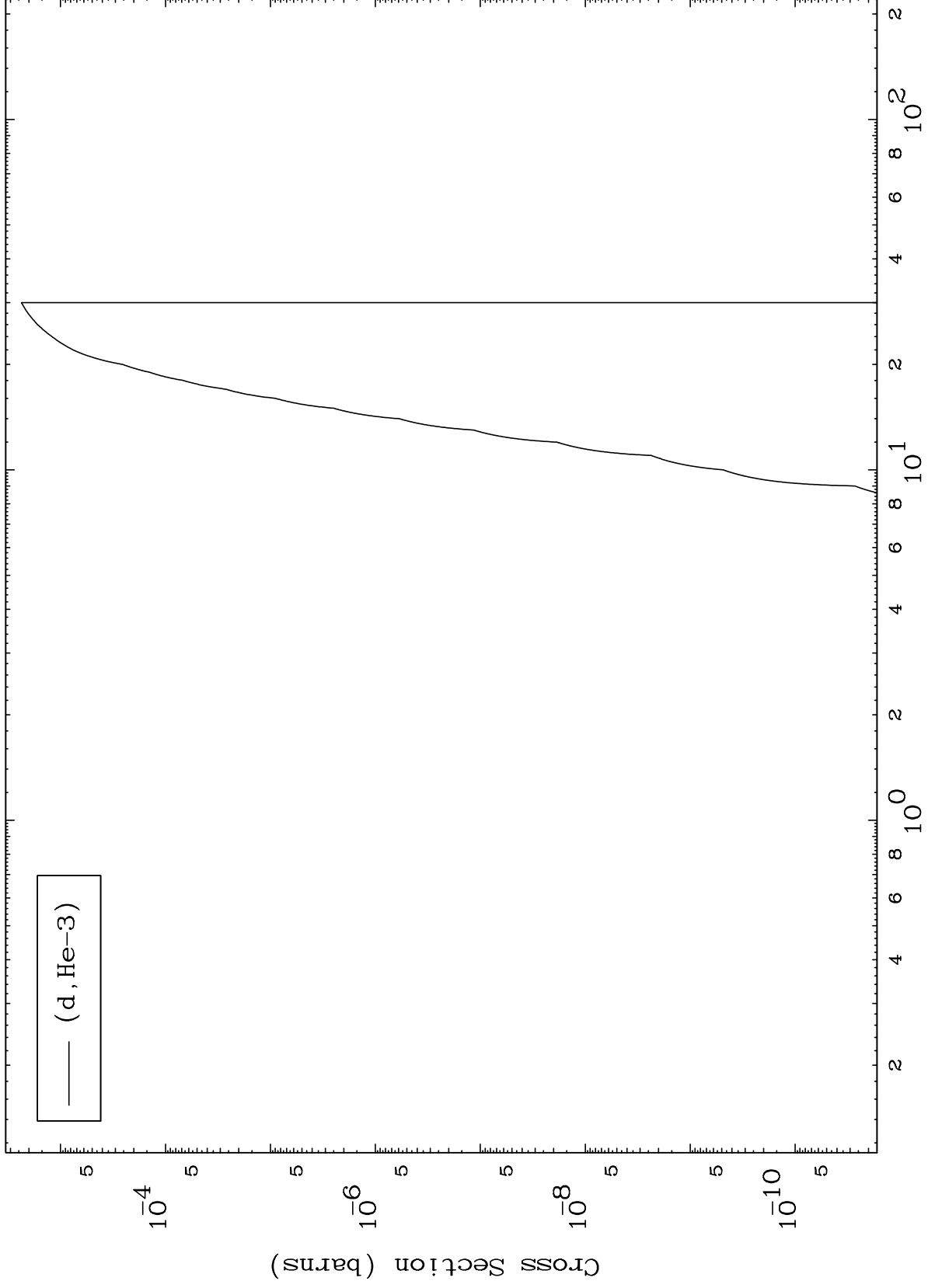


MAT 5919

(d,He3) Levels

59-Pr-139

0 Kelvin Cross Sections

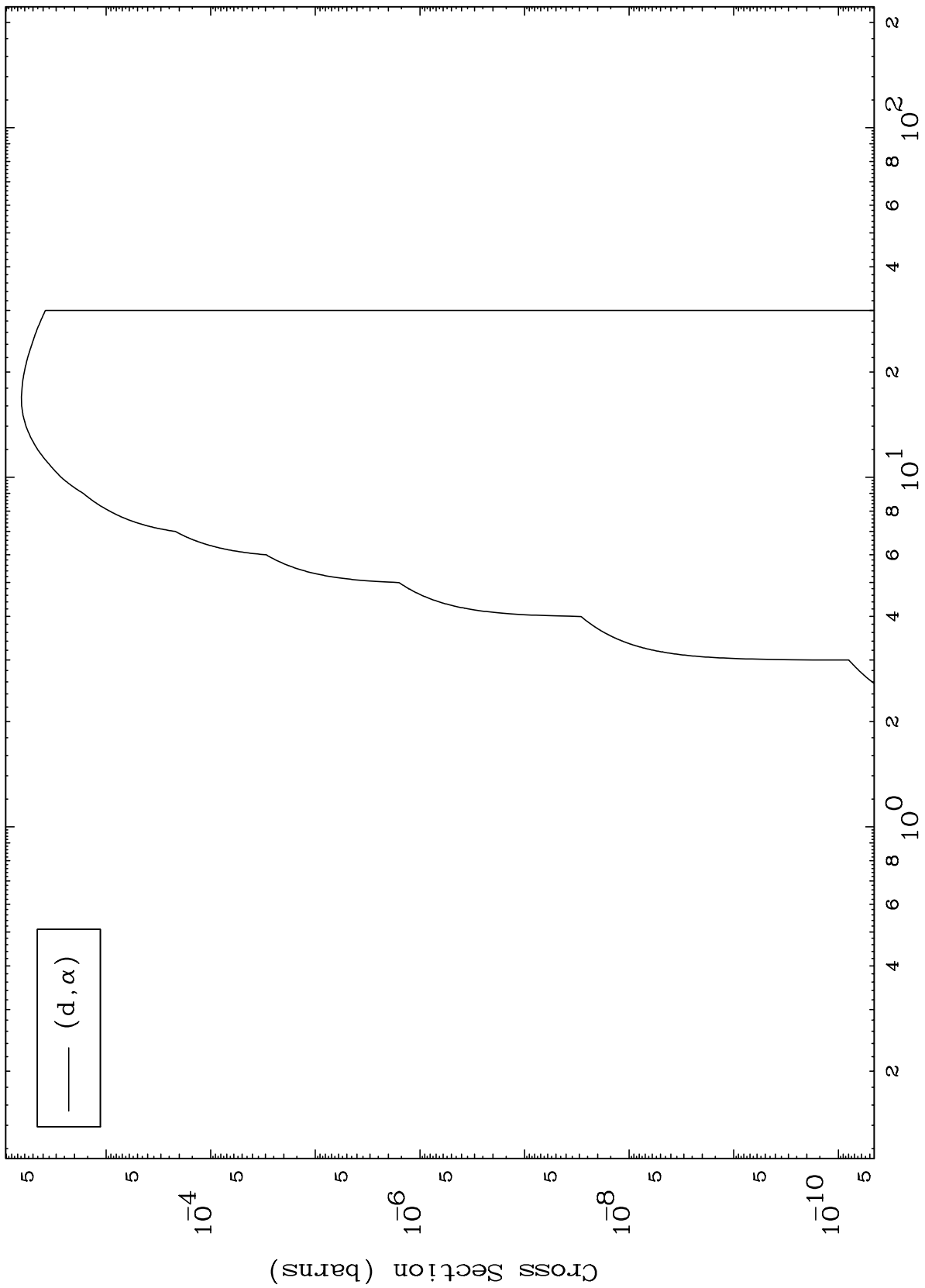


10

Incident Energy (MeV)

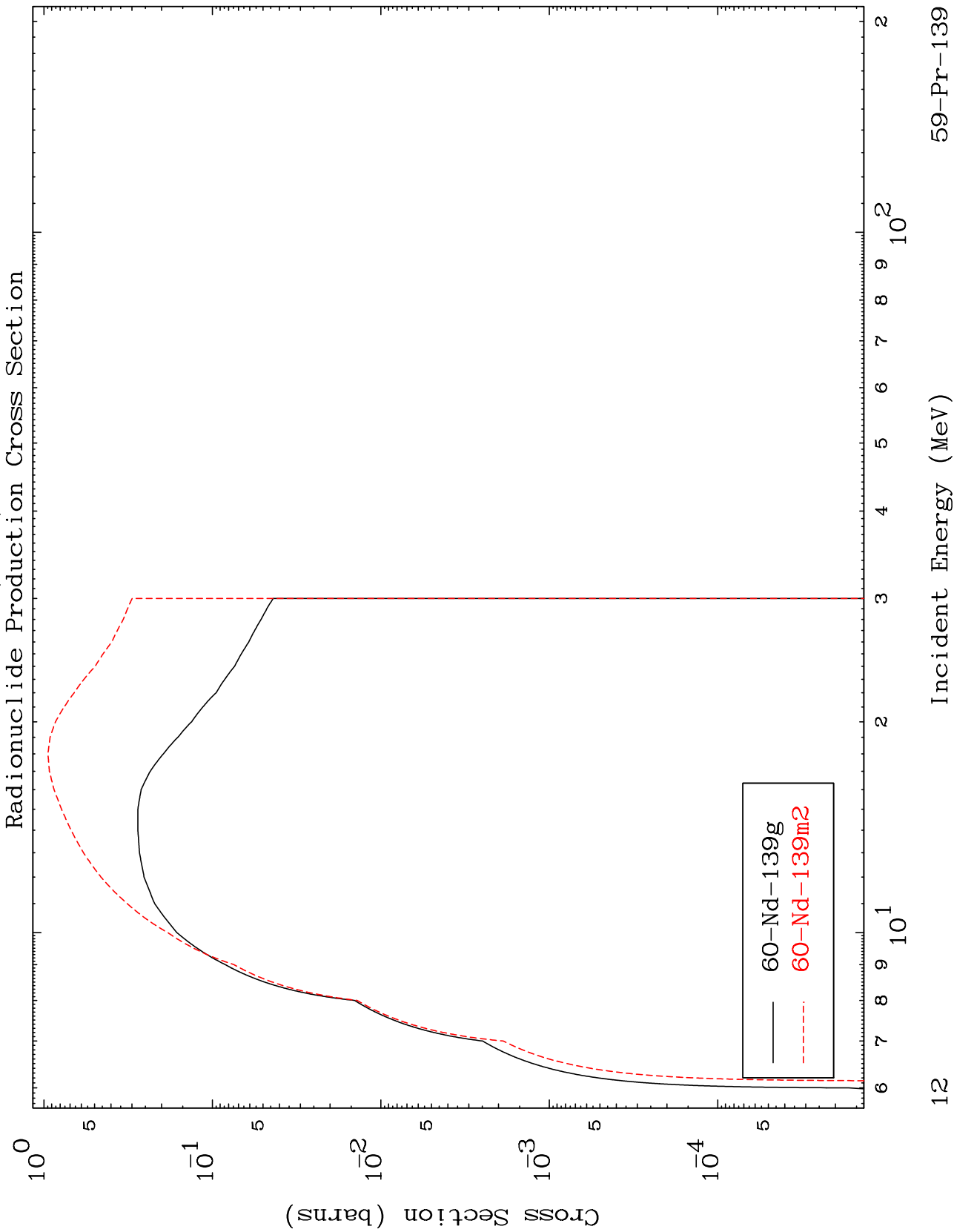
59-Pr-139

(d, α) Levels
0 Kelvin Cross Sections



MAT 5919

59-Pr-139



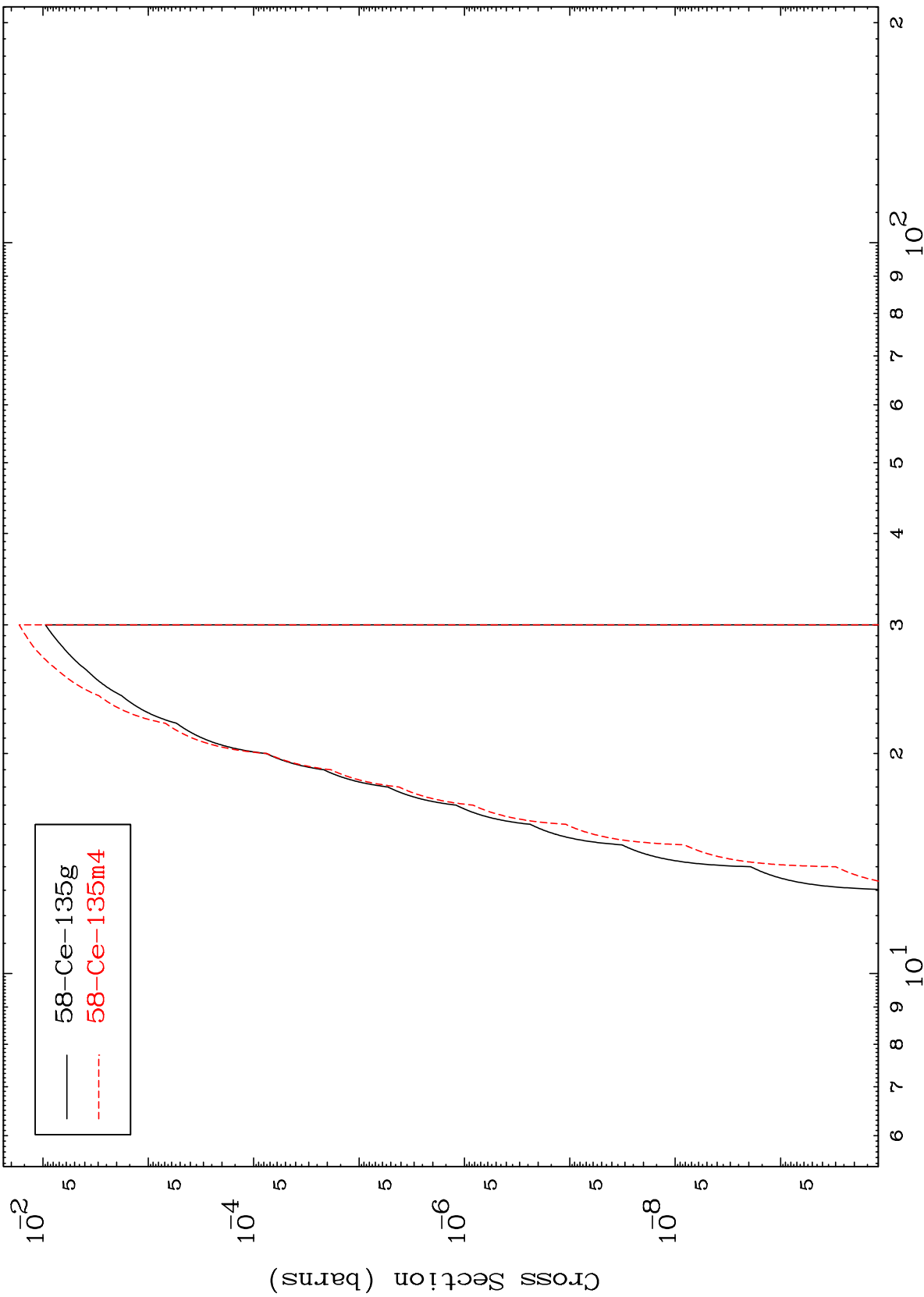
12

MAT 5919

(d,2n) α

59-Pr-139

Radionuclide Production Cross Section



58-Ce-135g
58-Ce-135m4

13

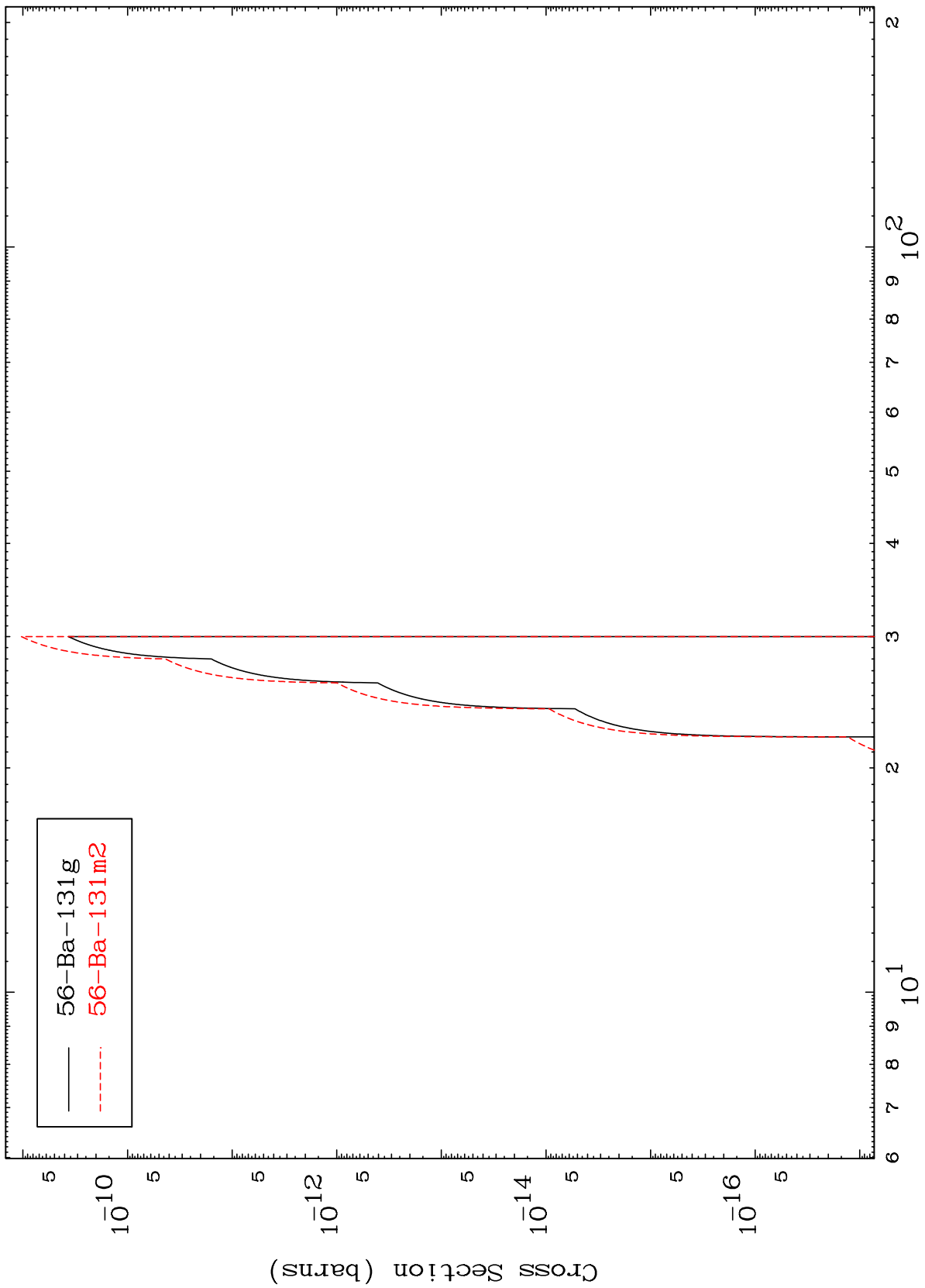
Incident Energy (MeV)

59-Pr-139

MAT 5919

59-Pr-139

Radionuclide Production Cross Section
(d,2n) 2 α



14

Incident Energy (MeV)

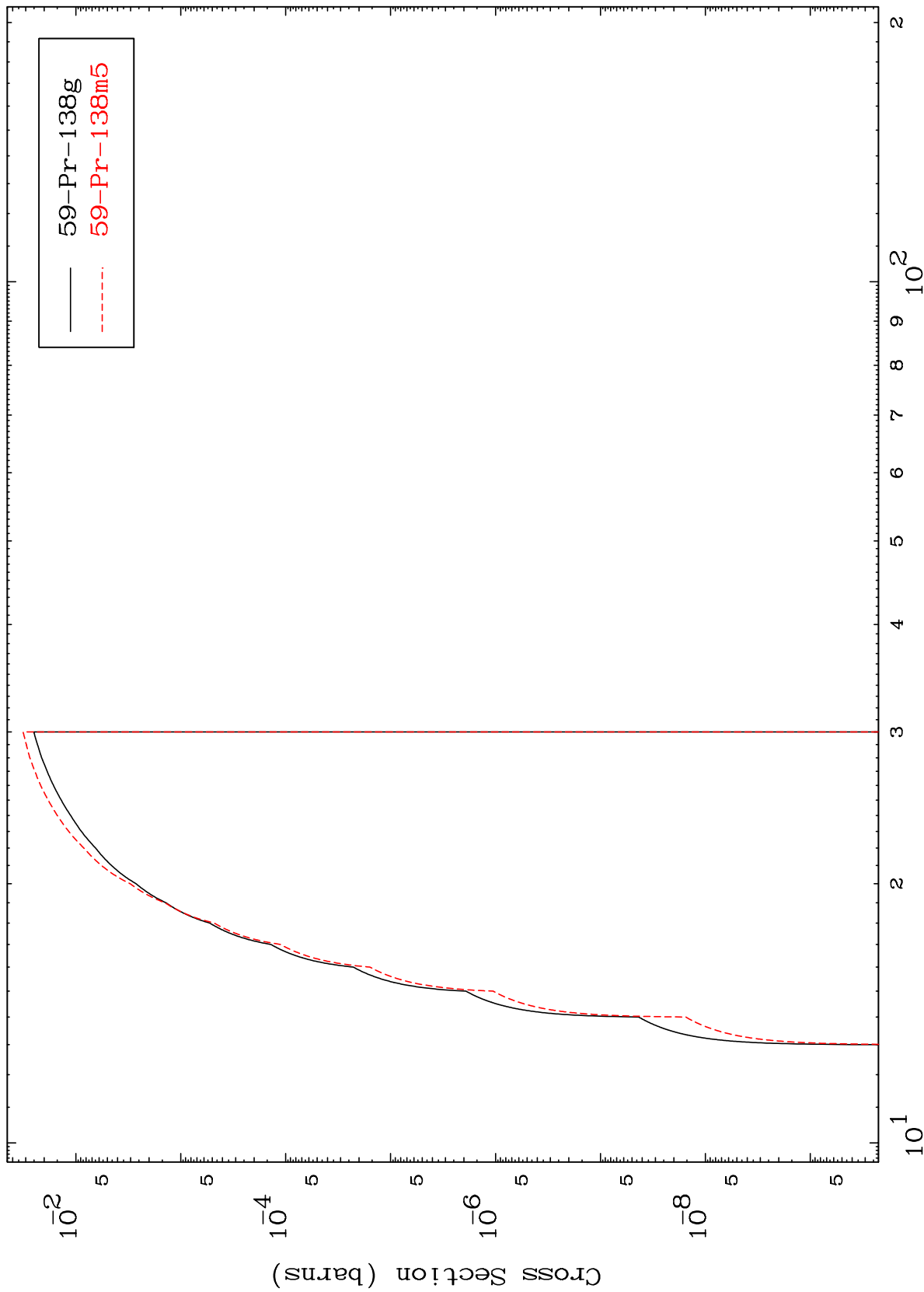
59-Pr-139

MAT 5919

(d,n') d

59-Pr-139

Radionuclide Production Cross Section



Incident Energy (MeV)

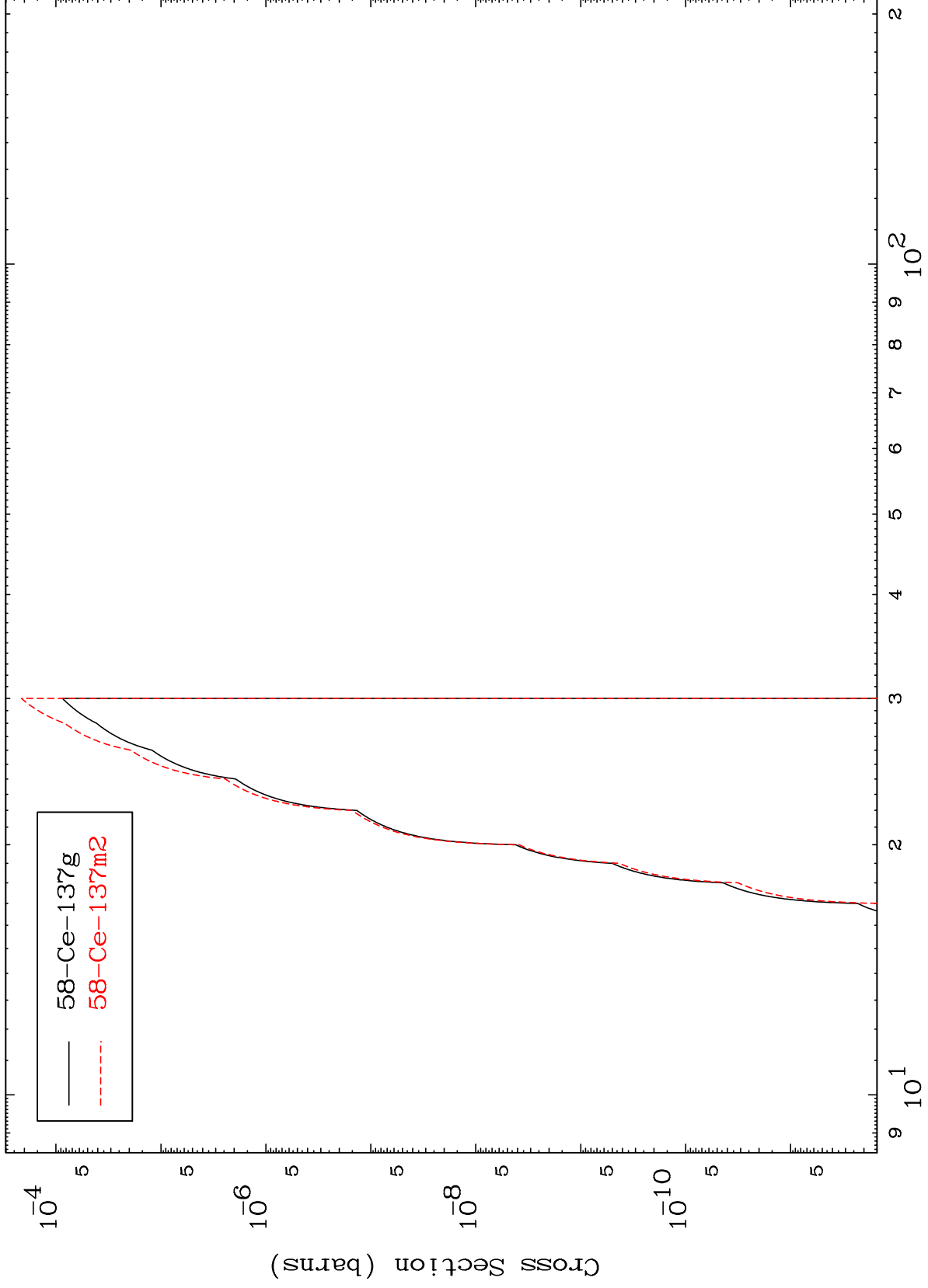
59-Pr-139

MAT 5919

(d,n') He-3

59-Pr-139

Radionuclide Production Cross Section



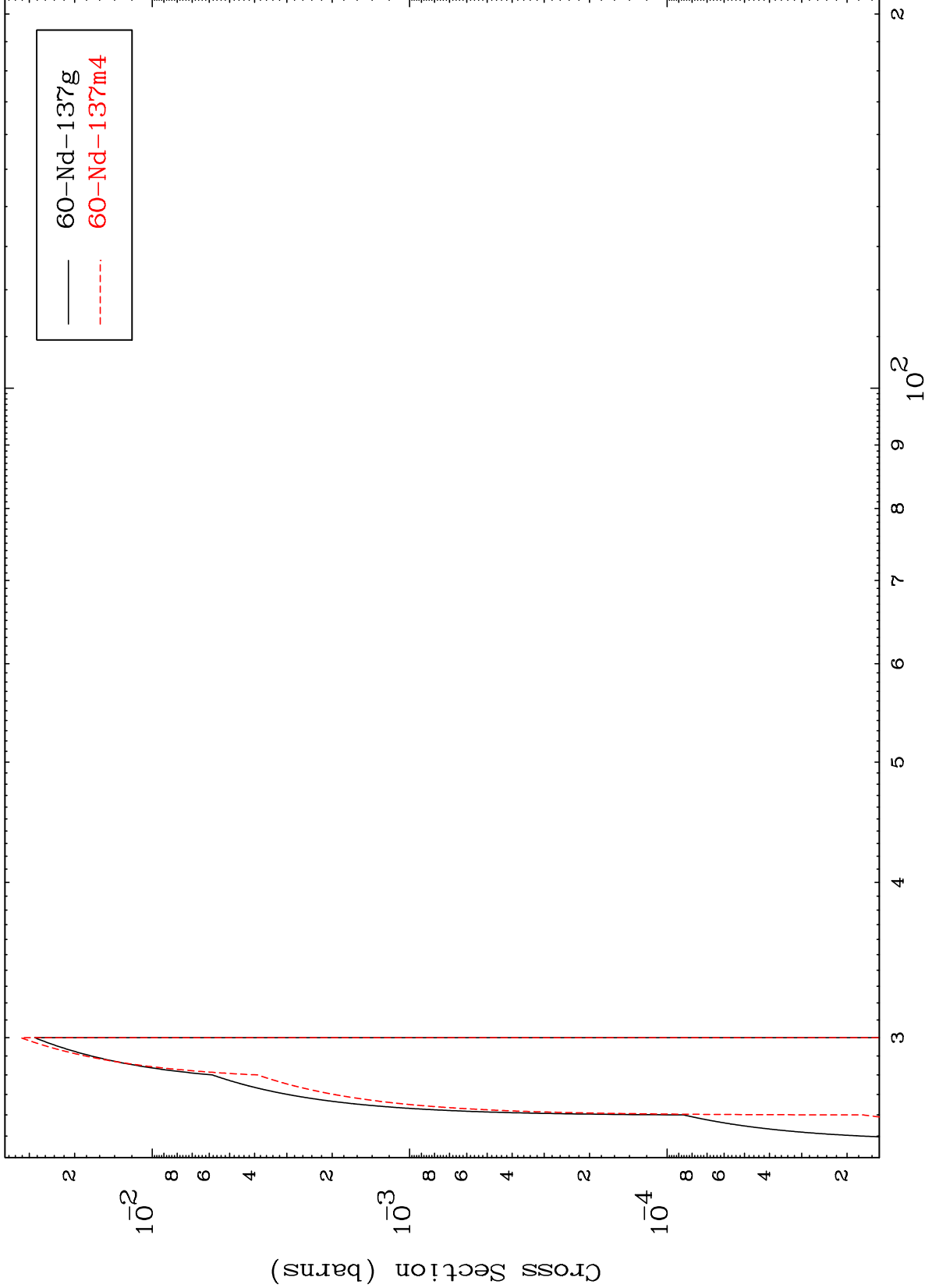
58-Ce-137g
58-Ce-137m2

16

Incident Energy (MeV)

59-Pr-139

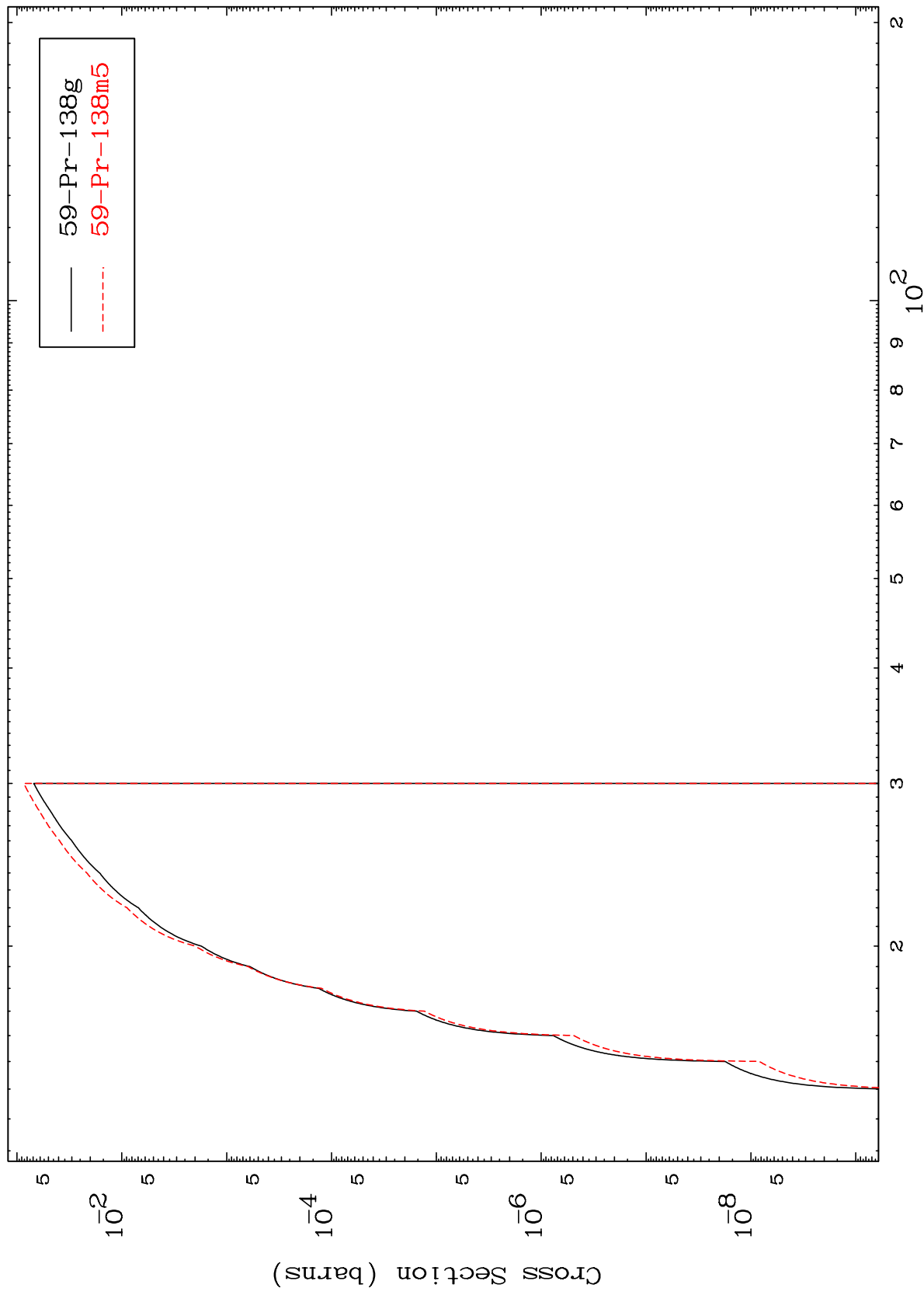
Radionuclide Production Cross Section



MAT 5919

59-Pr-139

(d,2n) p
Radionuclide Production Cross Section



18

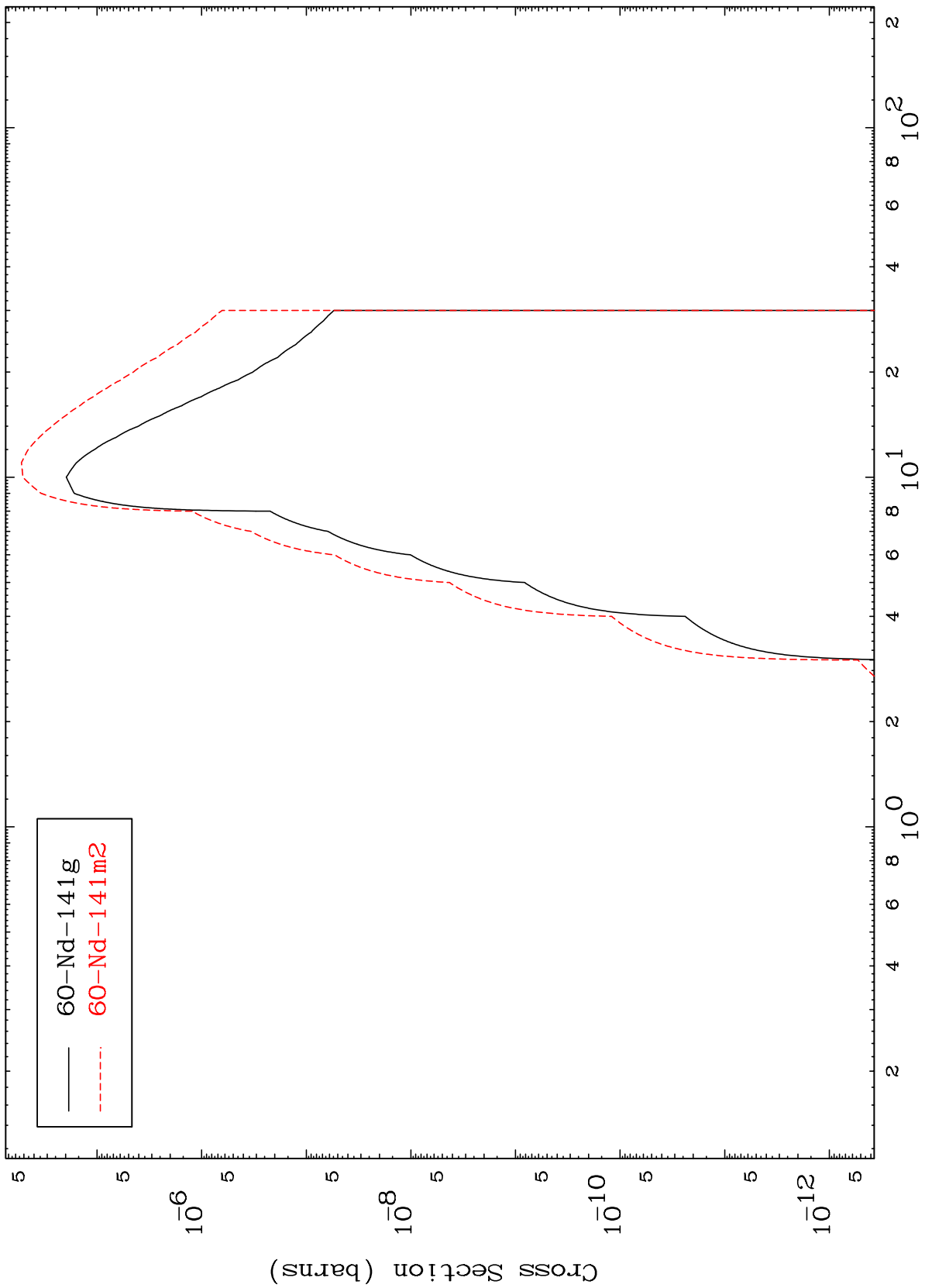
Incident Energy (MeV)

59-Pr-139

MAT 5919

59-Pr-139

(d, γ)
Radionuclide Production Cross Section



19

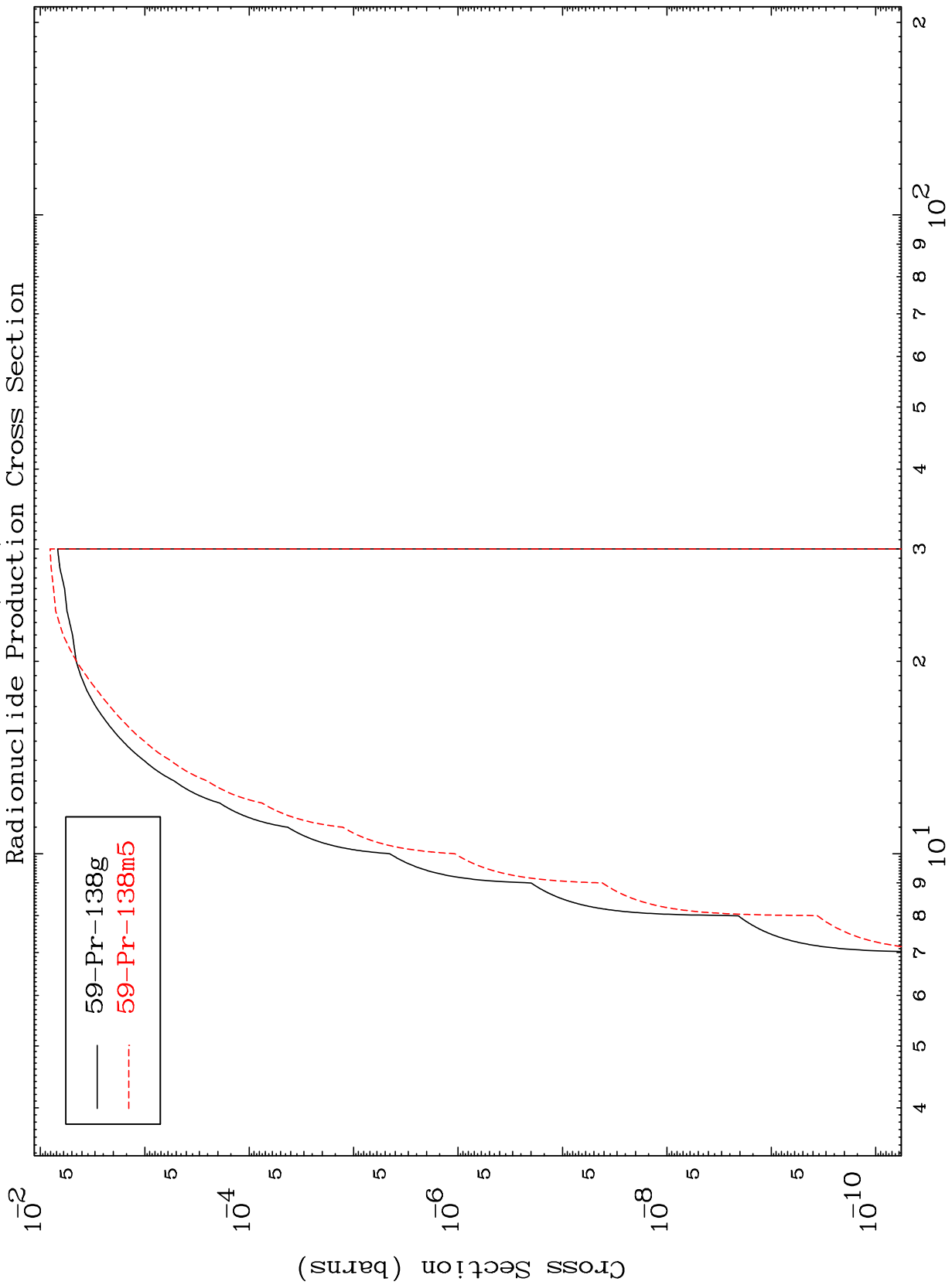
59-Pr-139

Incident Energy (MeV)

MAT 5919

59-Pr-139

(d, t)
Radionuclide Production Cross Section



59-Pr-139

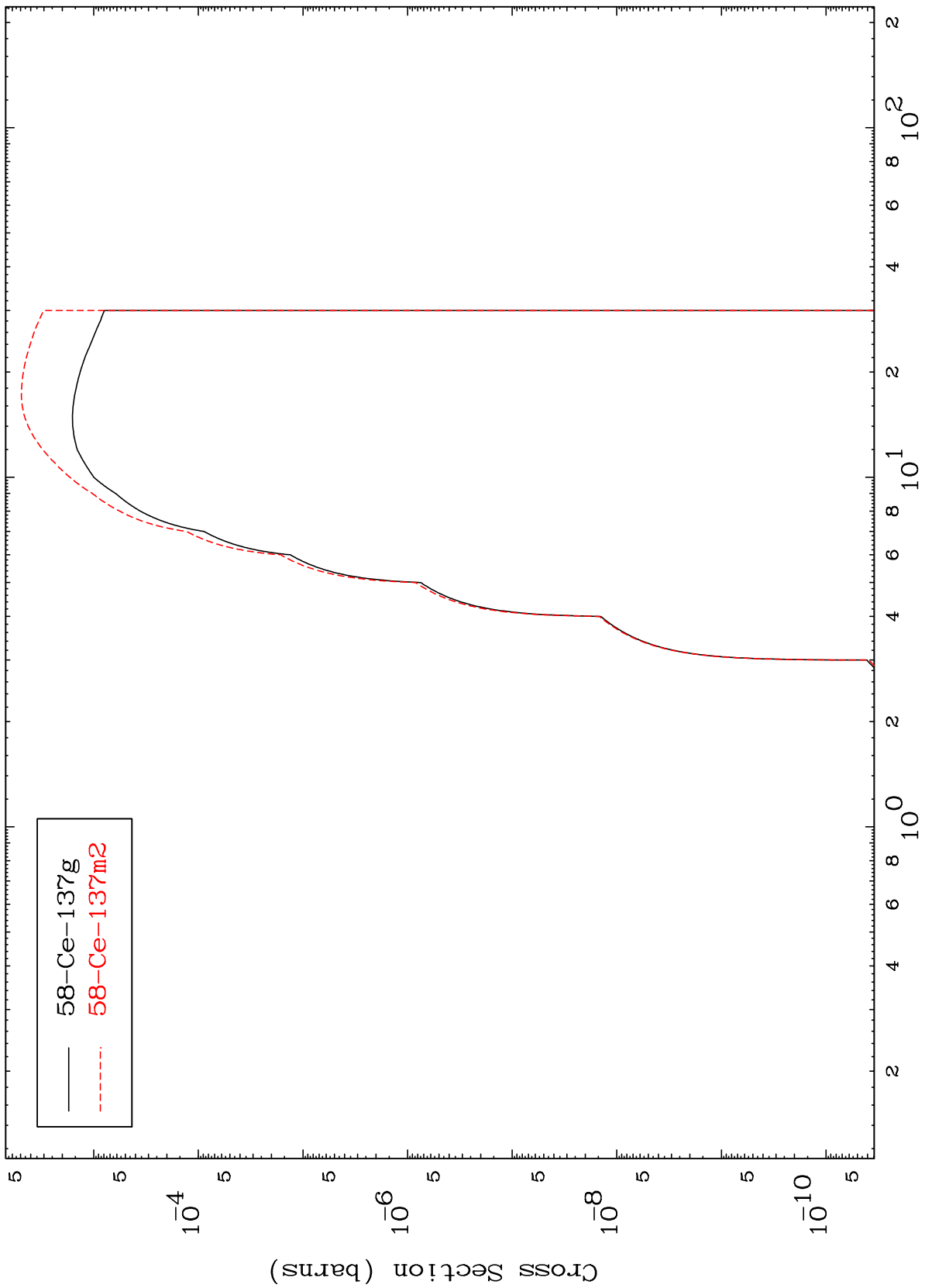
Incident Energy (MeV)

20

MAT 5919

59-Pr-139

(d, α)
Radionuclide Production Cross Section

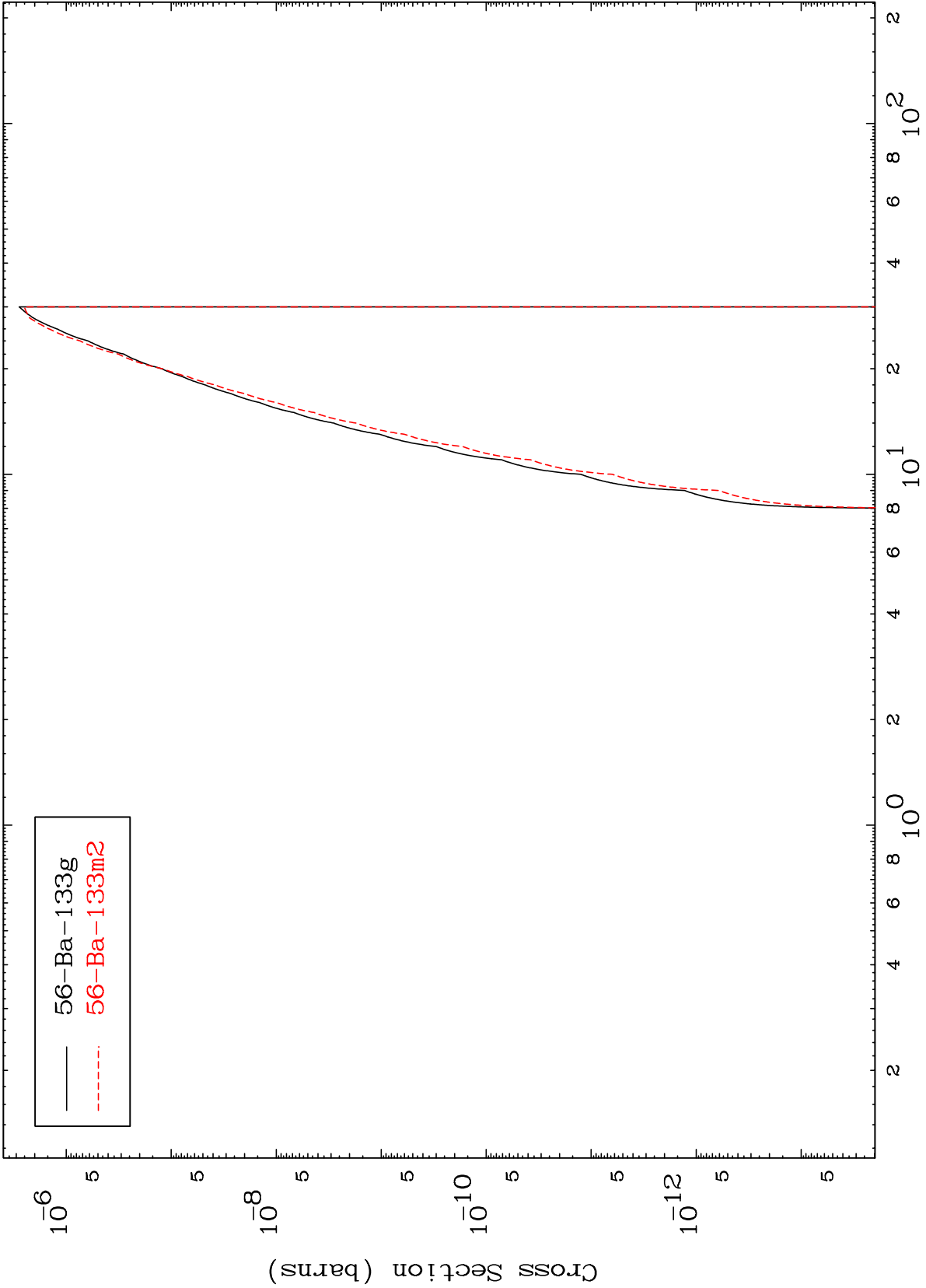


MAT 5919

(d,2 α)

59-Pr-139

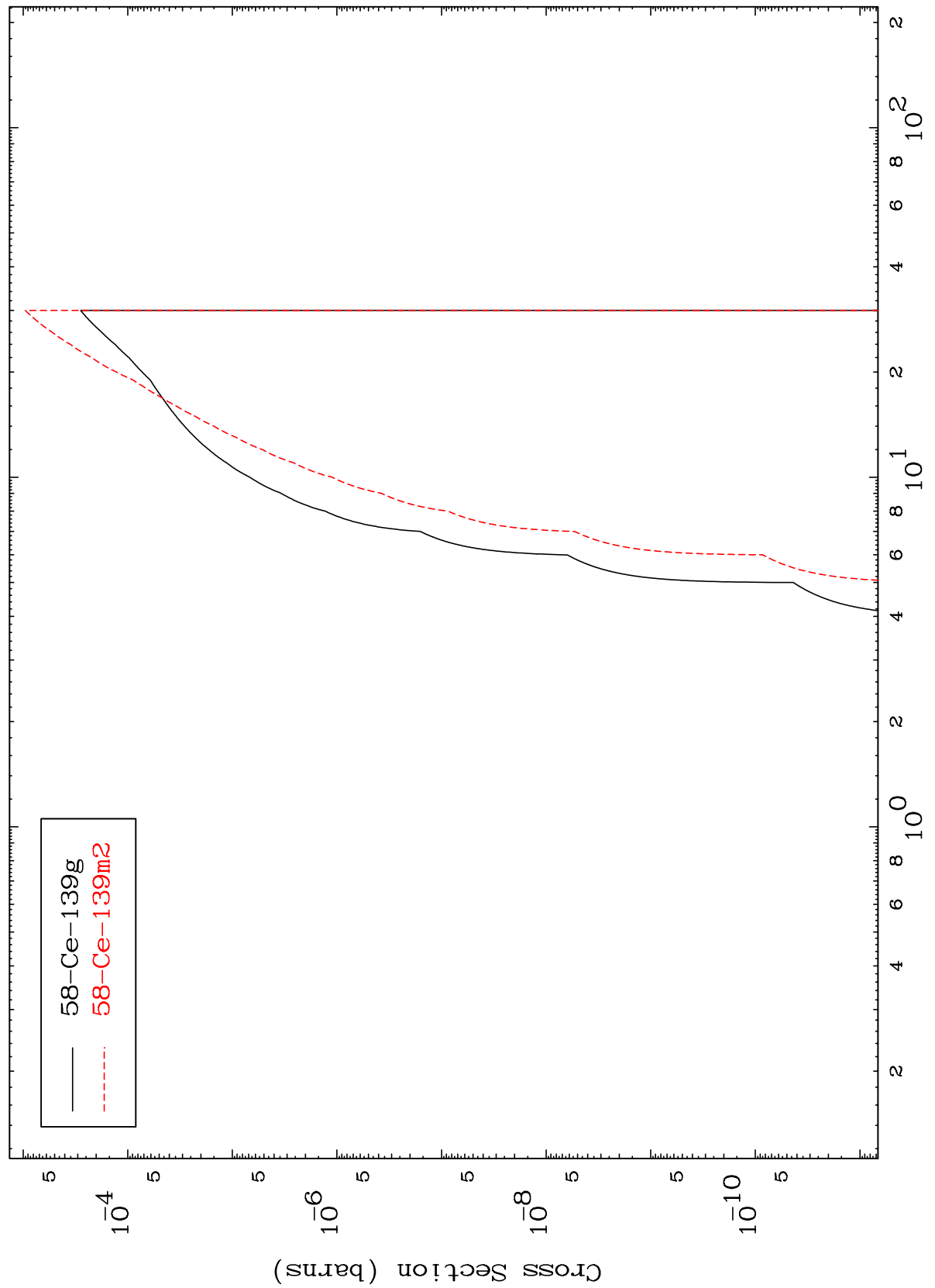
Radionuclide Production Cross Section



MAT 5919

59-Pr-139

(d,2p)
Radionuclide Production Cross Section

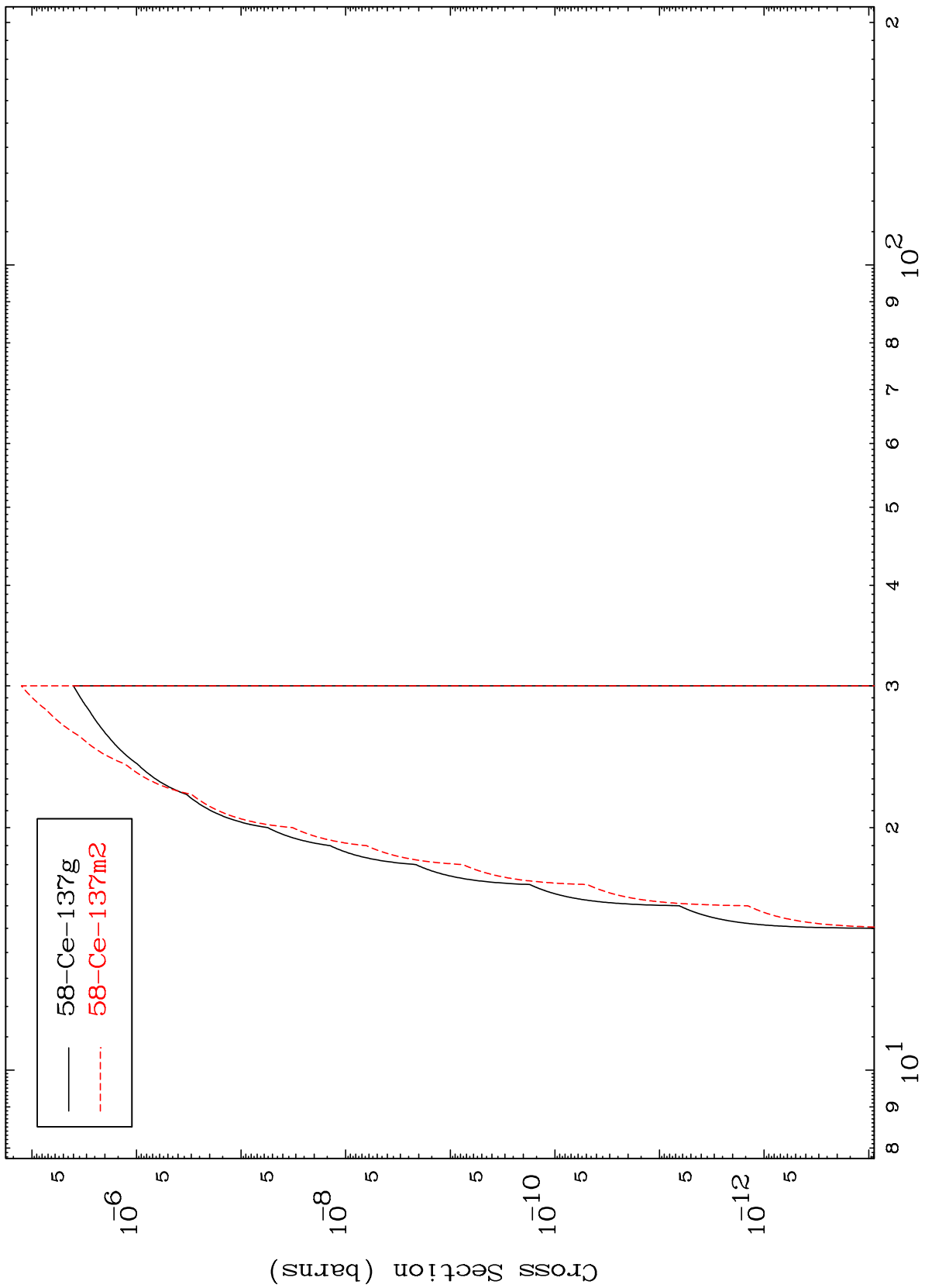


MAT 5919

(d,p) t

59-Pr-139

Radionuclide Production Cross Section



58-Ce-137g
58-Ce-137m2

24

Incident Energy (MeV)

59-Pr-139