

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

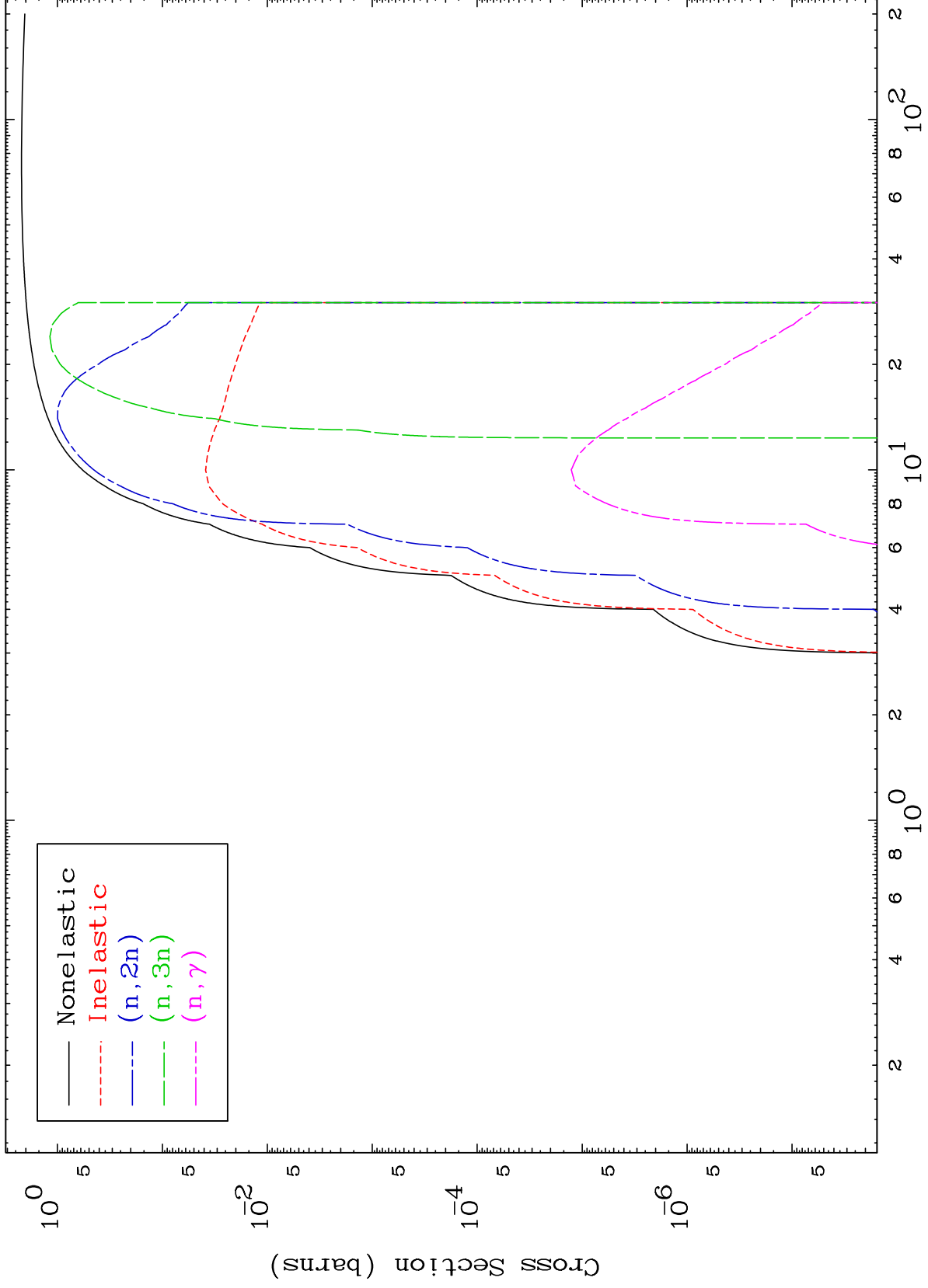
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

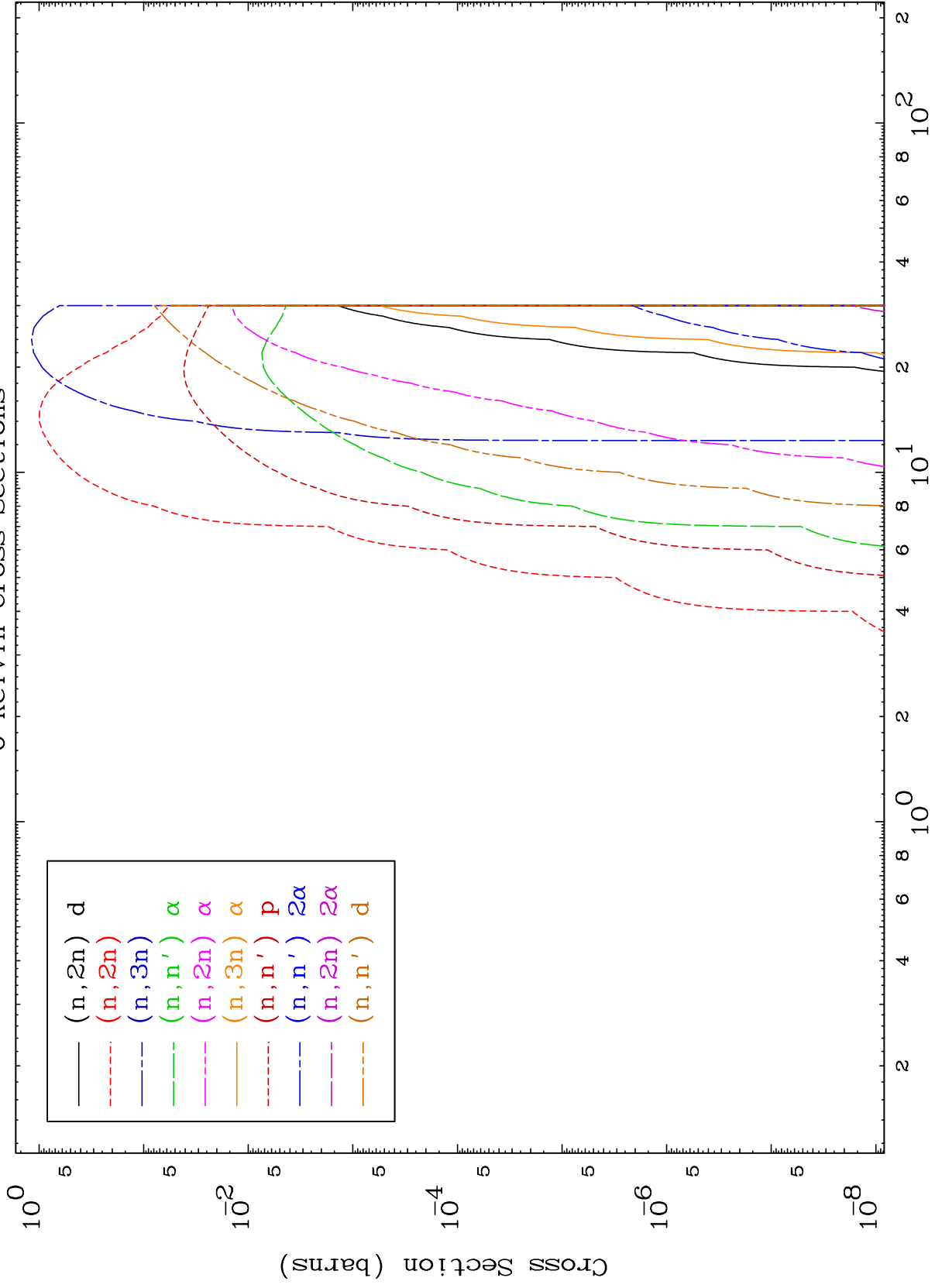
Tele: 925-443-1911

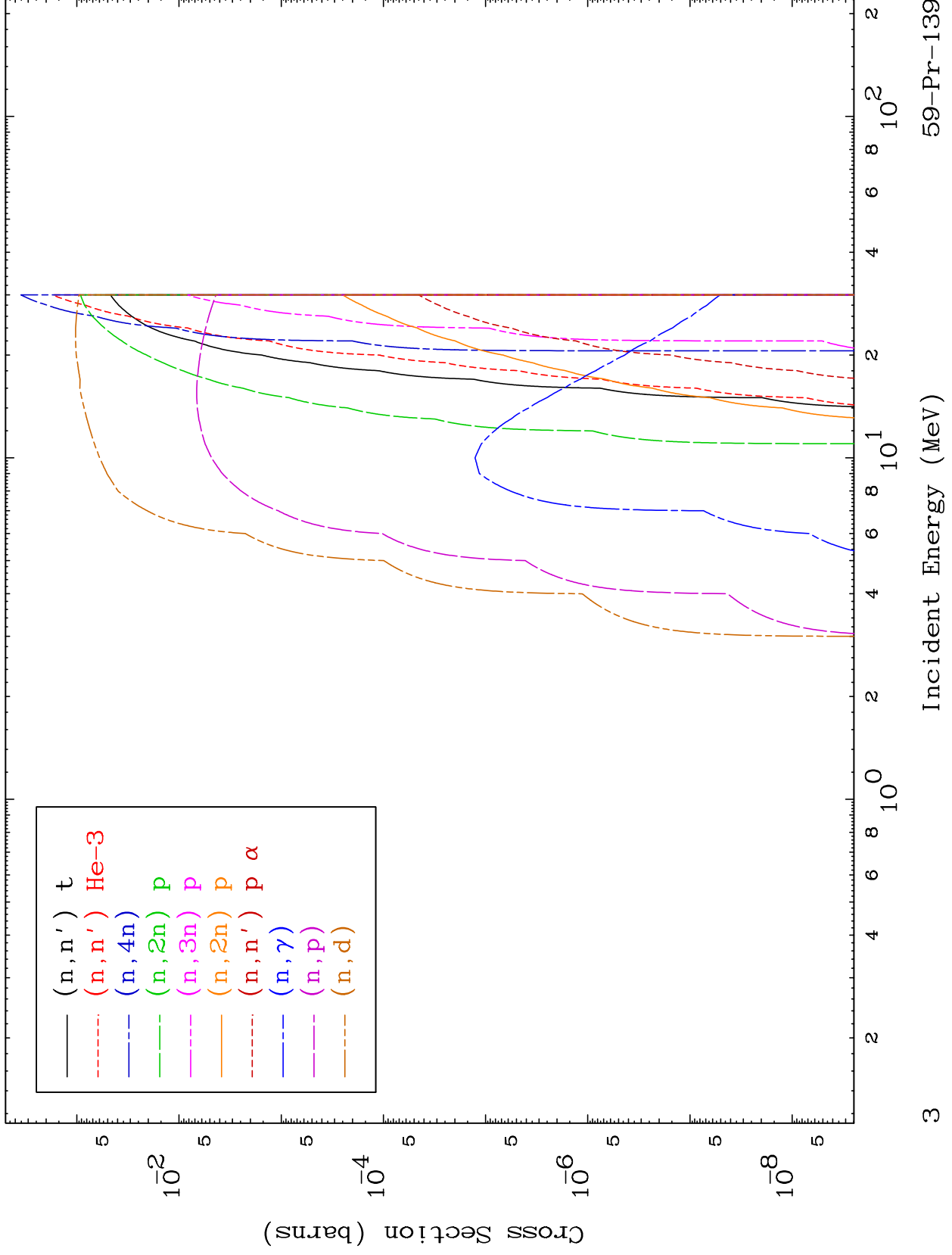
E.Mail:redcullen1@comcast.net

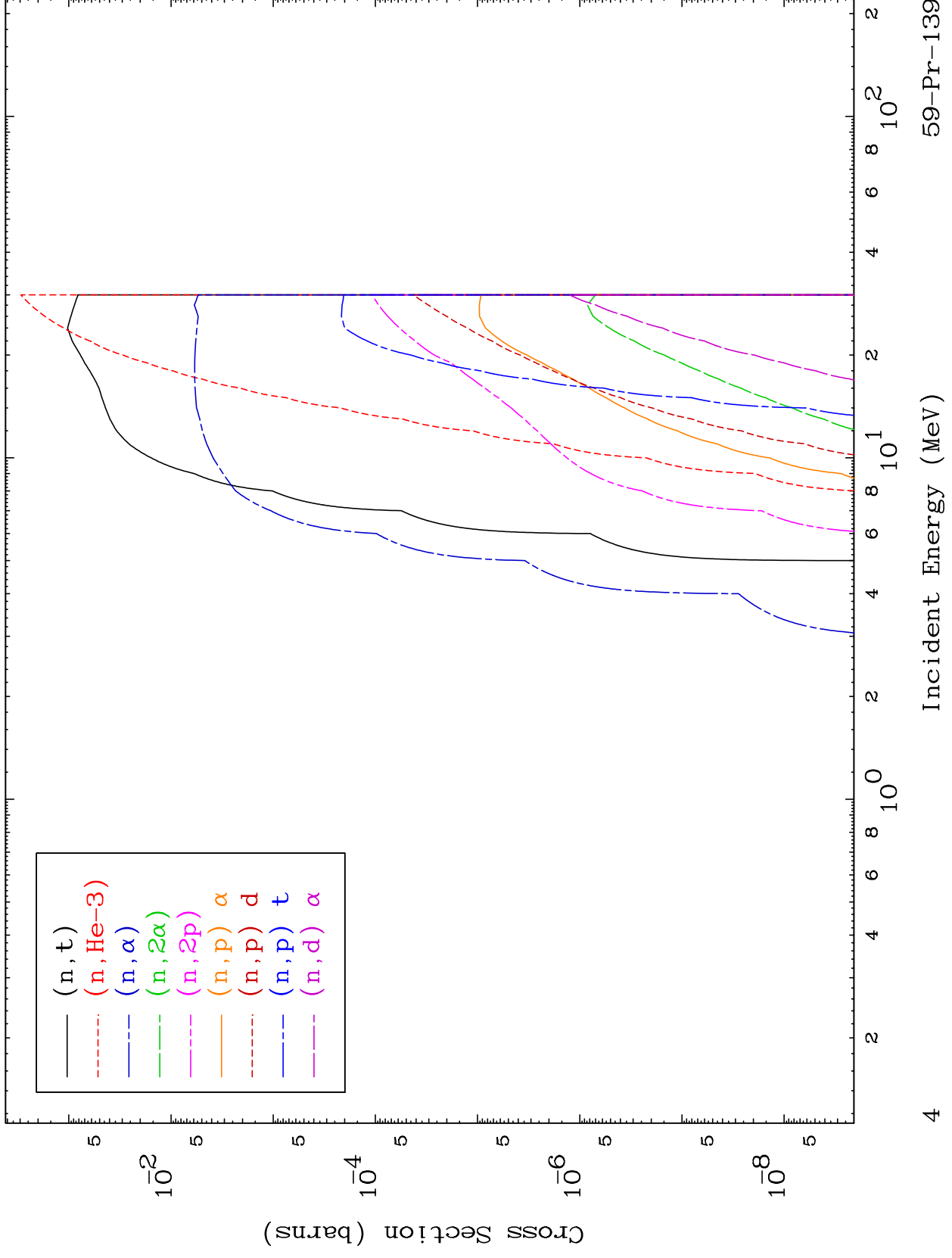
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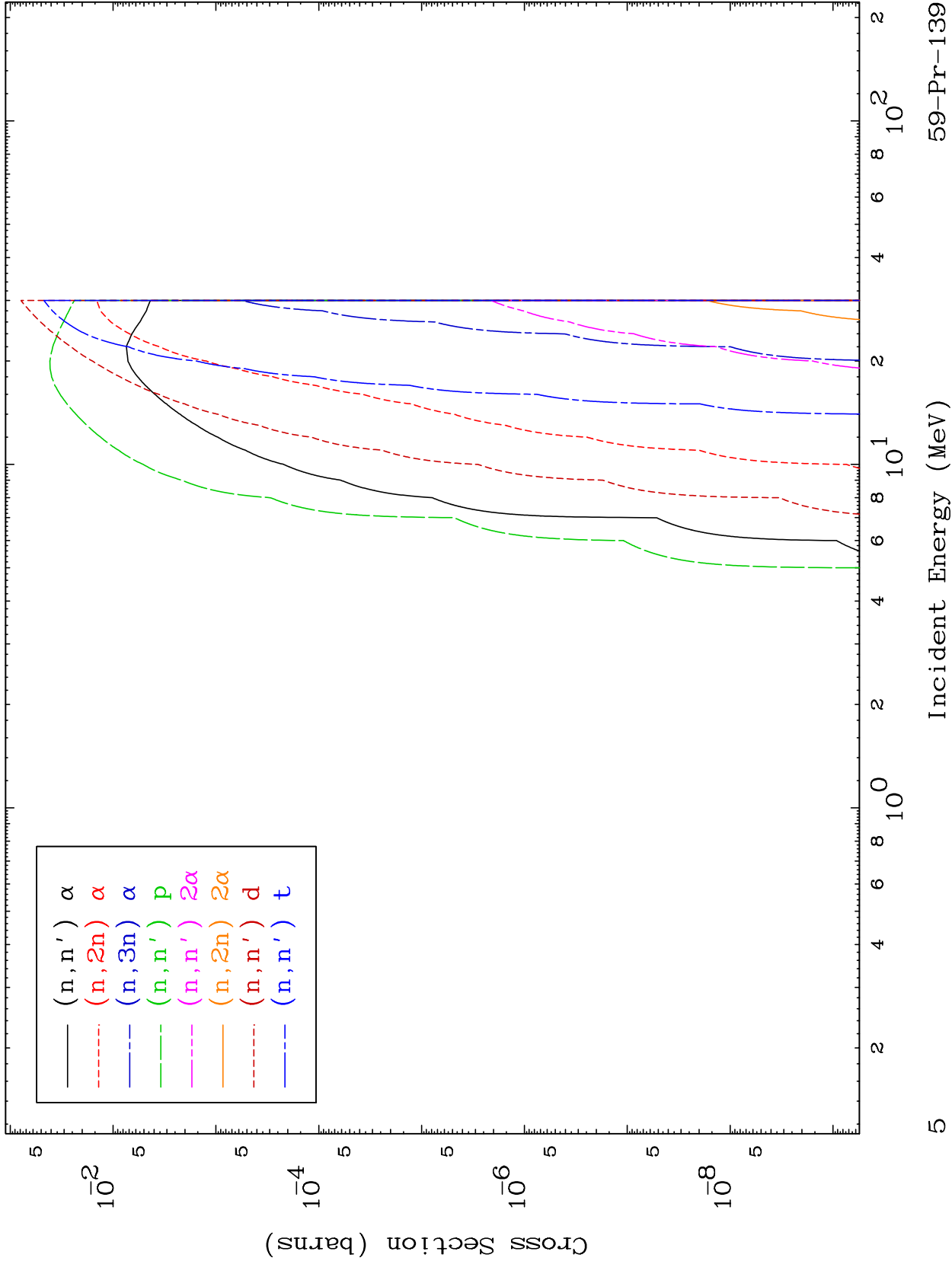
Press Mouse Button to Start

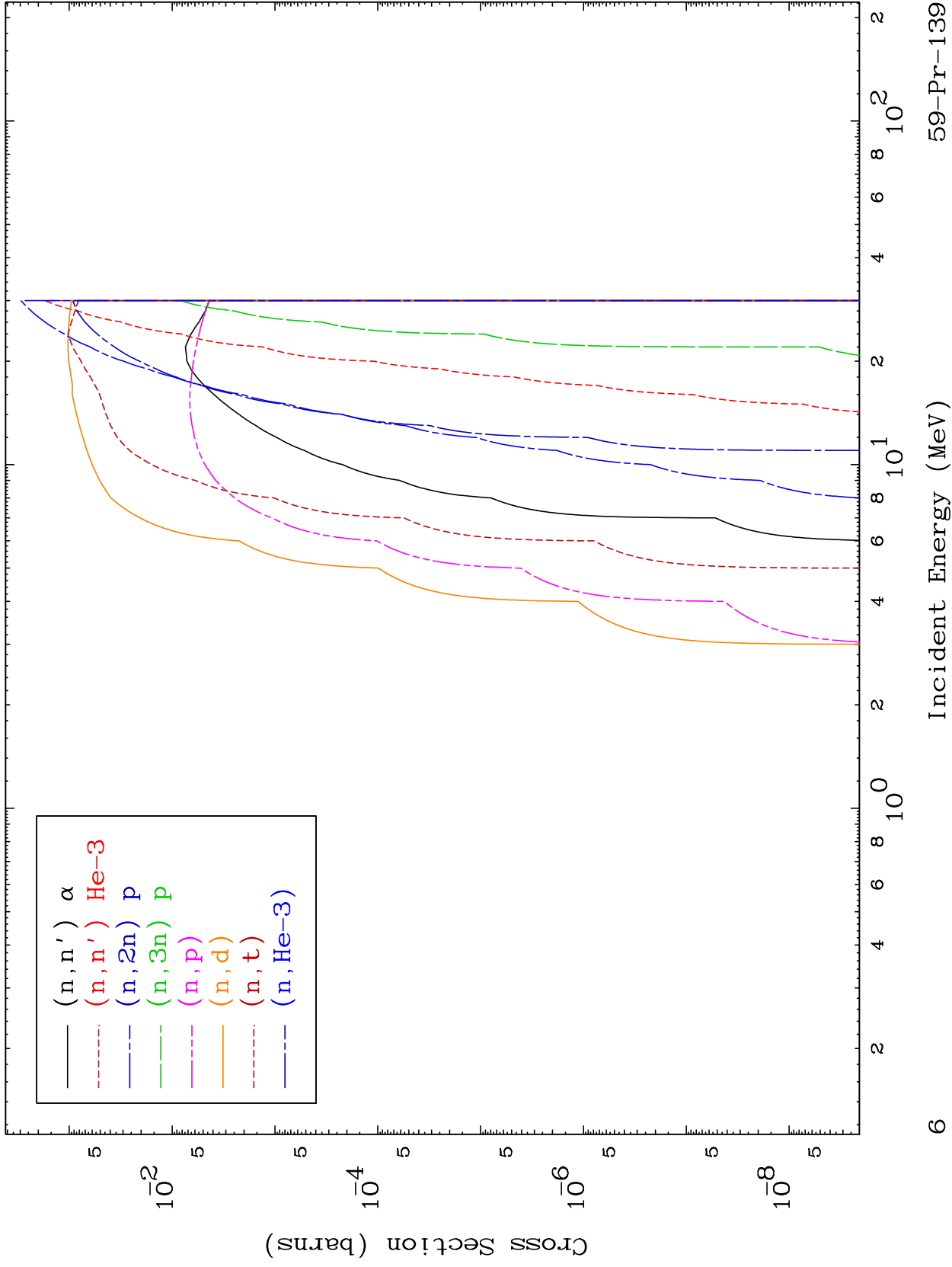


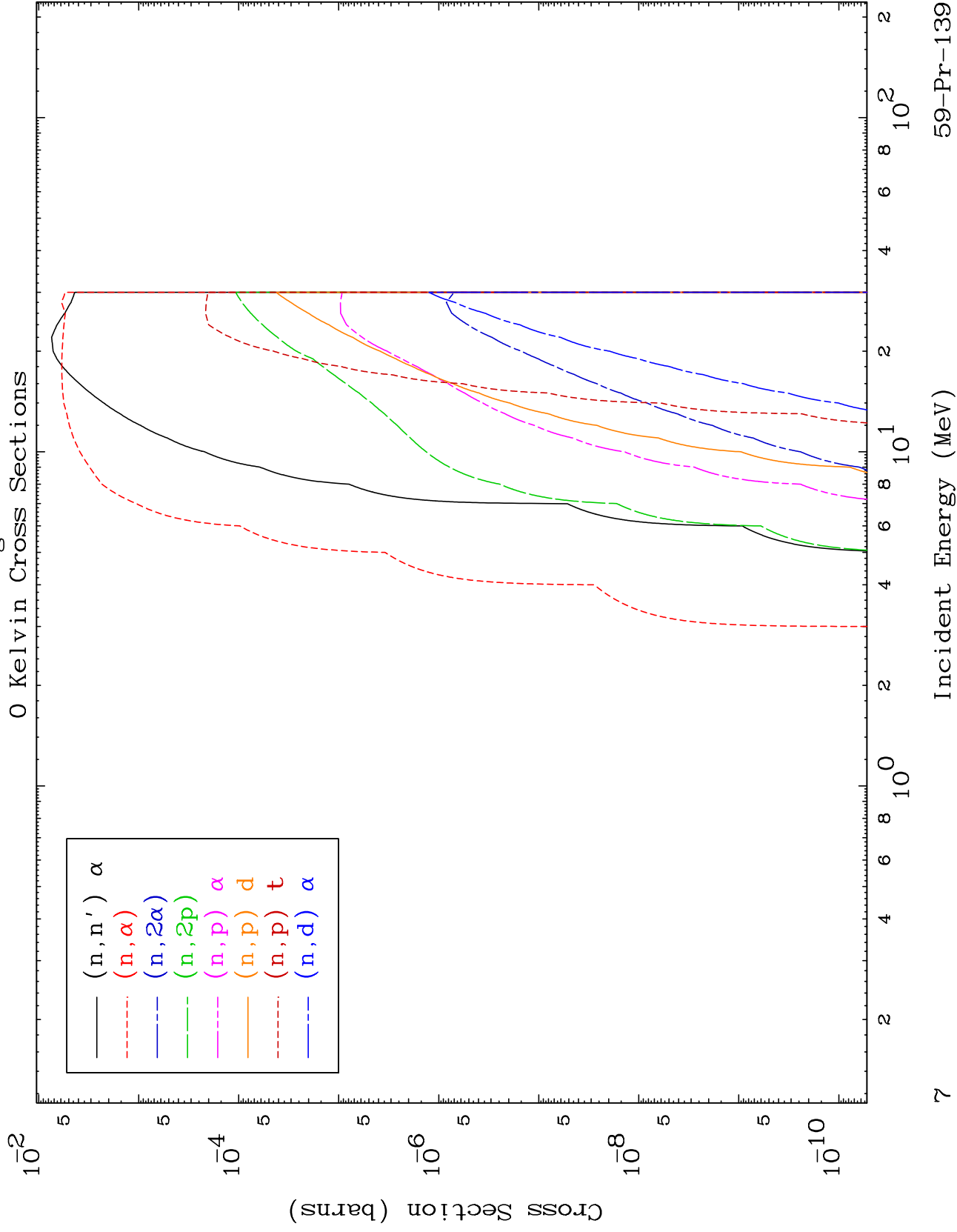










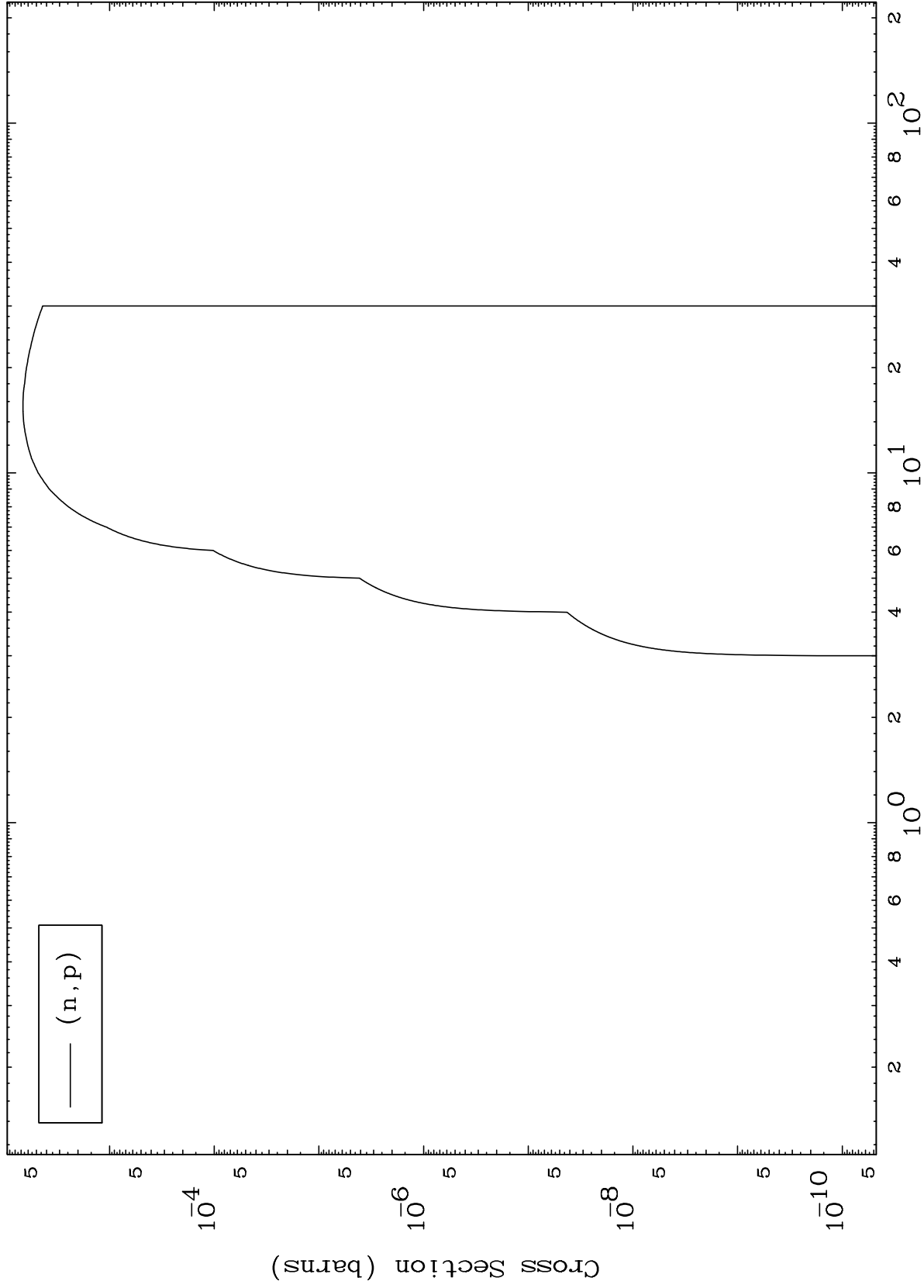


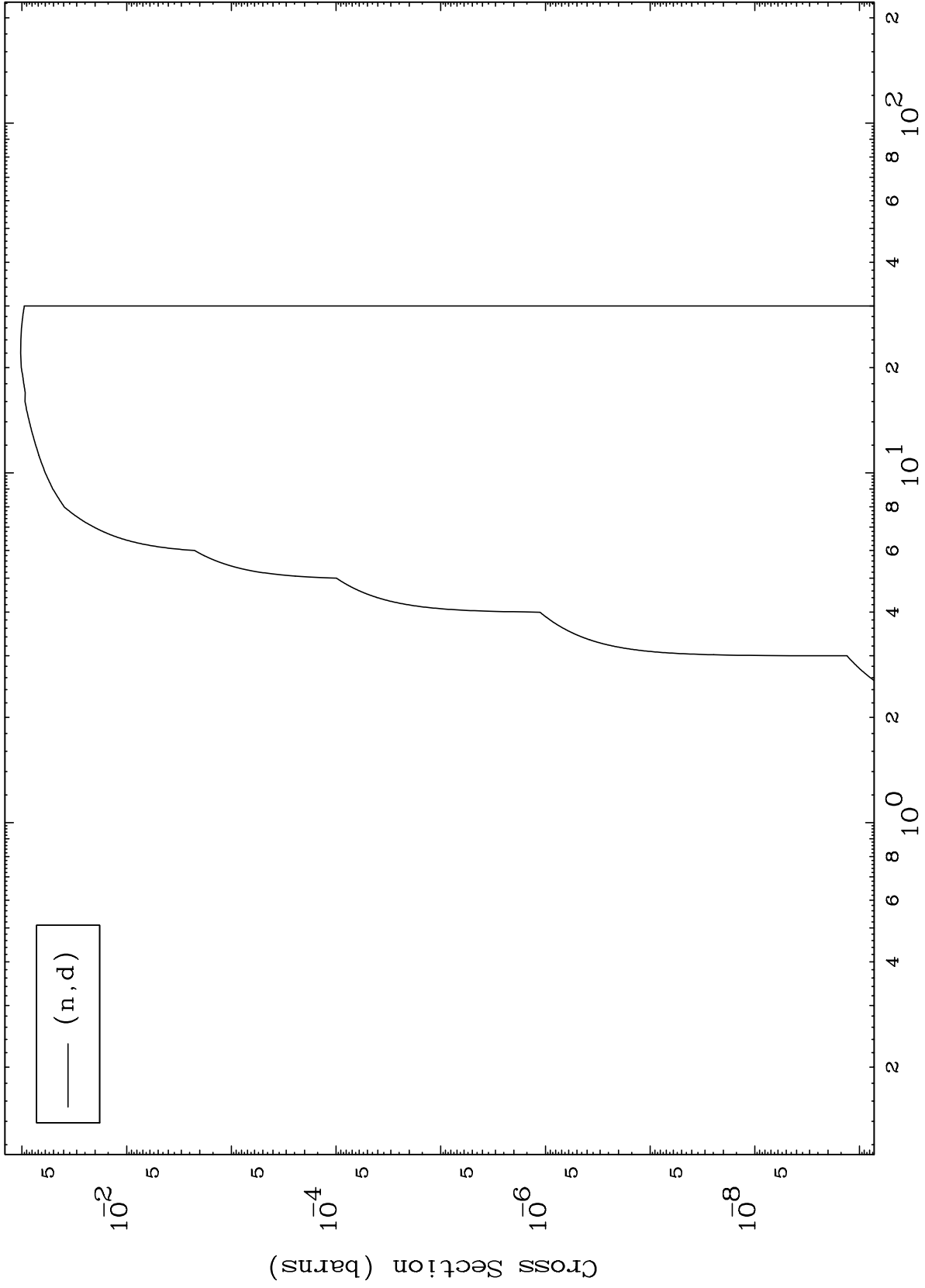
MAT 5919

(t,p) Levels

59-Pr-139

0 Kelvin Cross Sections



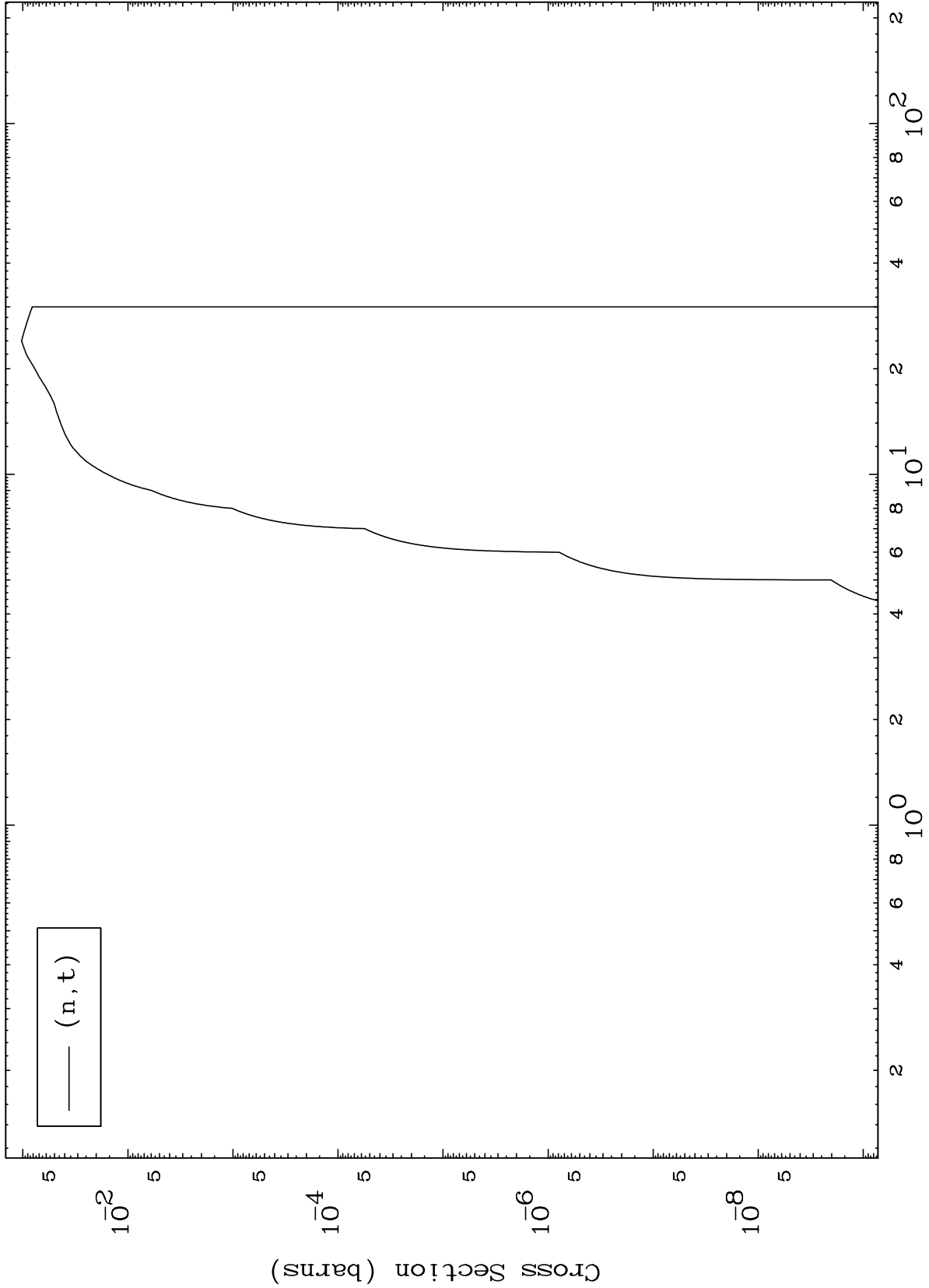


MAT 5919

(t, t) Levels

59-Pr-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

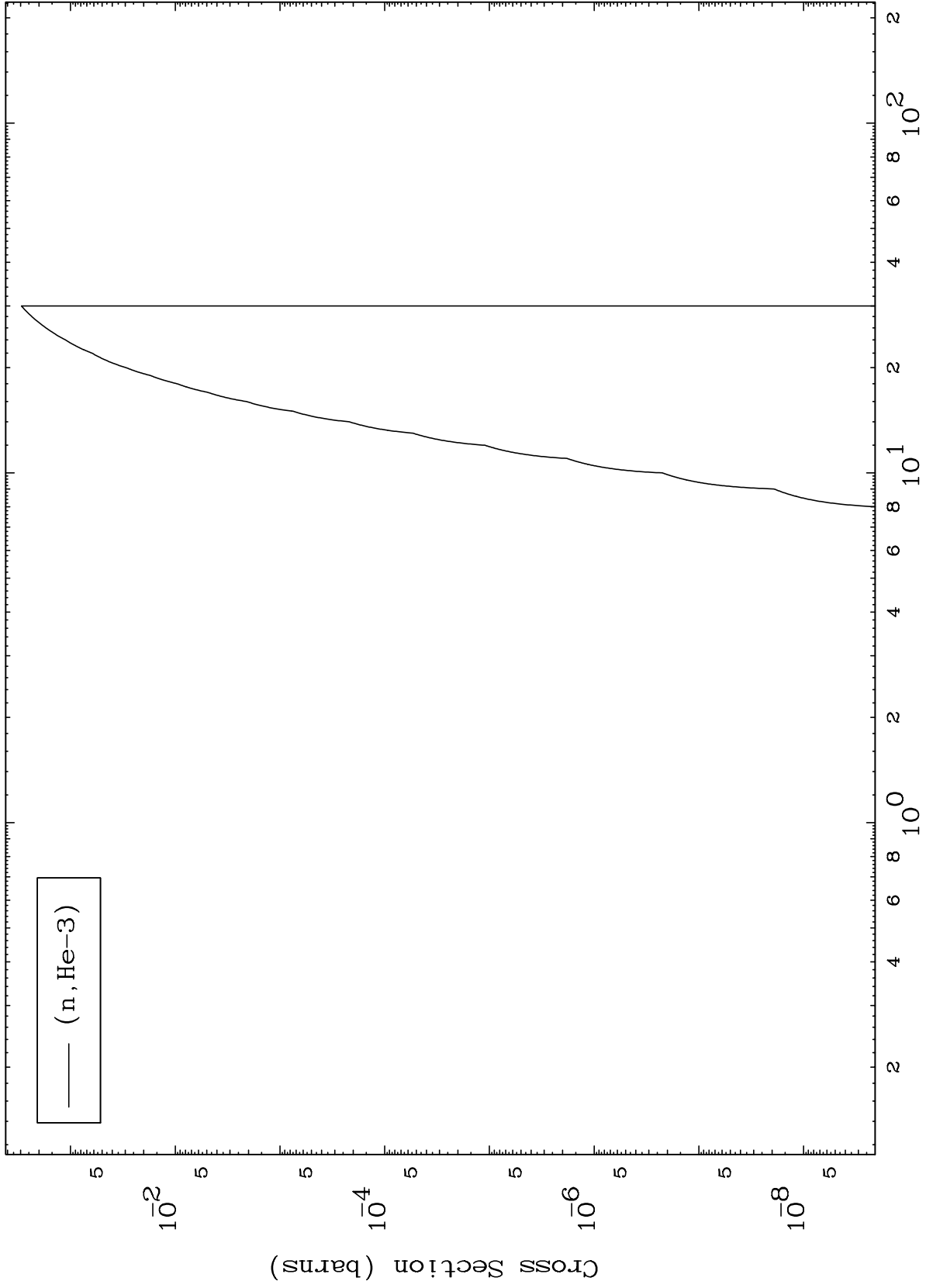
59-Pr-139

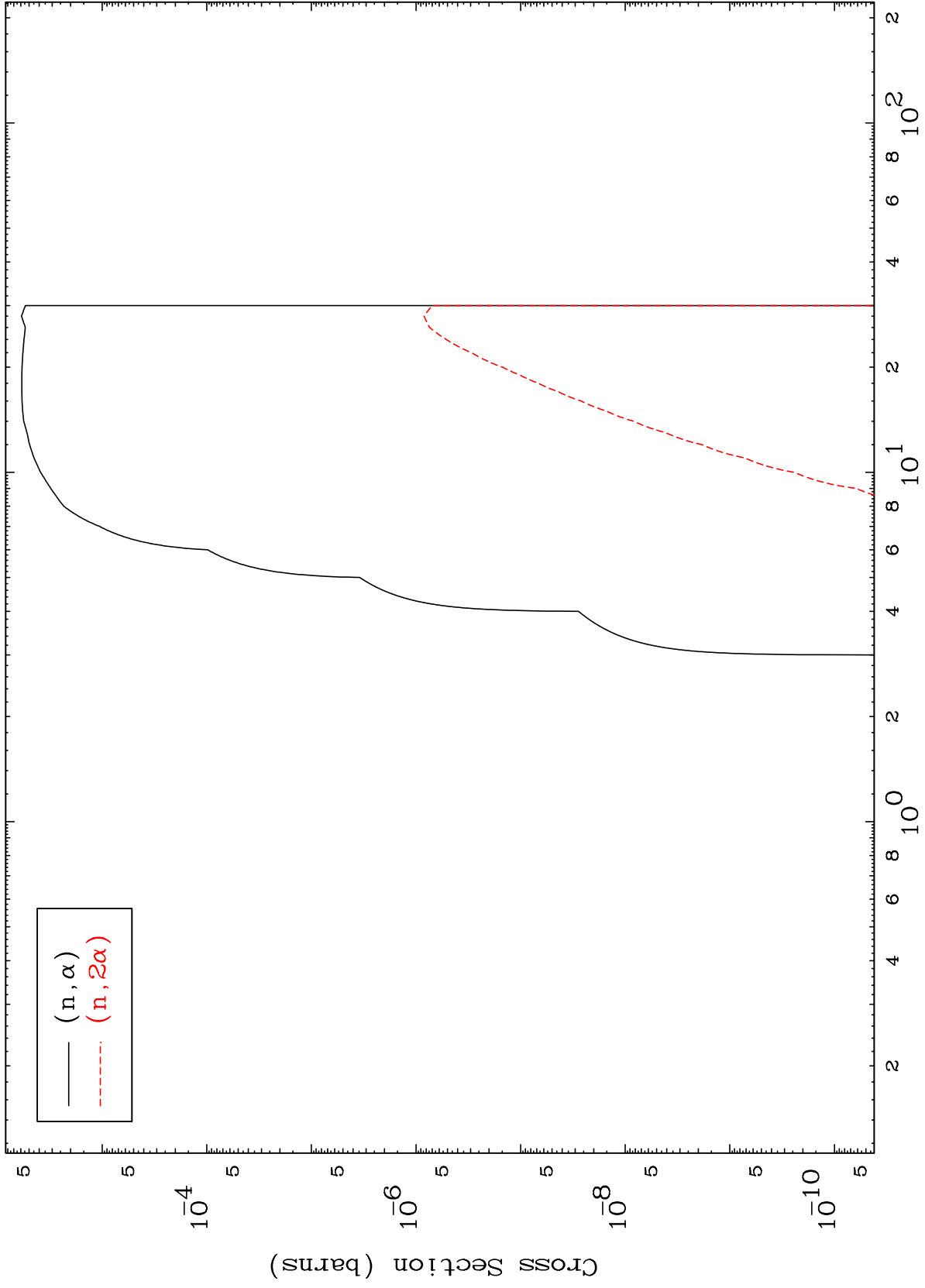
MAT 5919

(t,He3) Levels

59-Pr-139

0 Kelvin Cross Sections

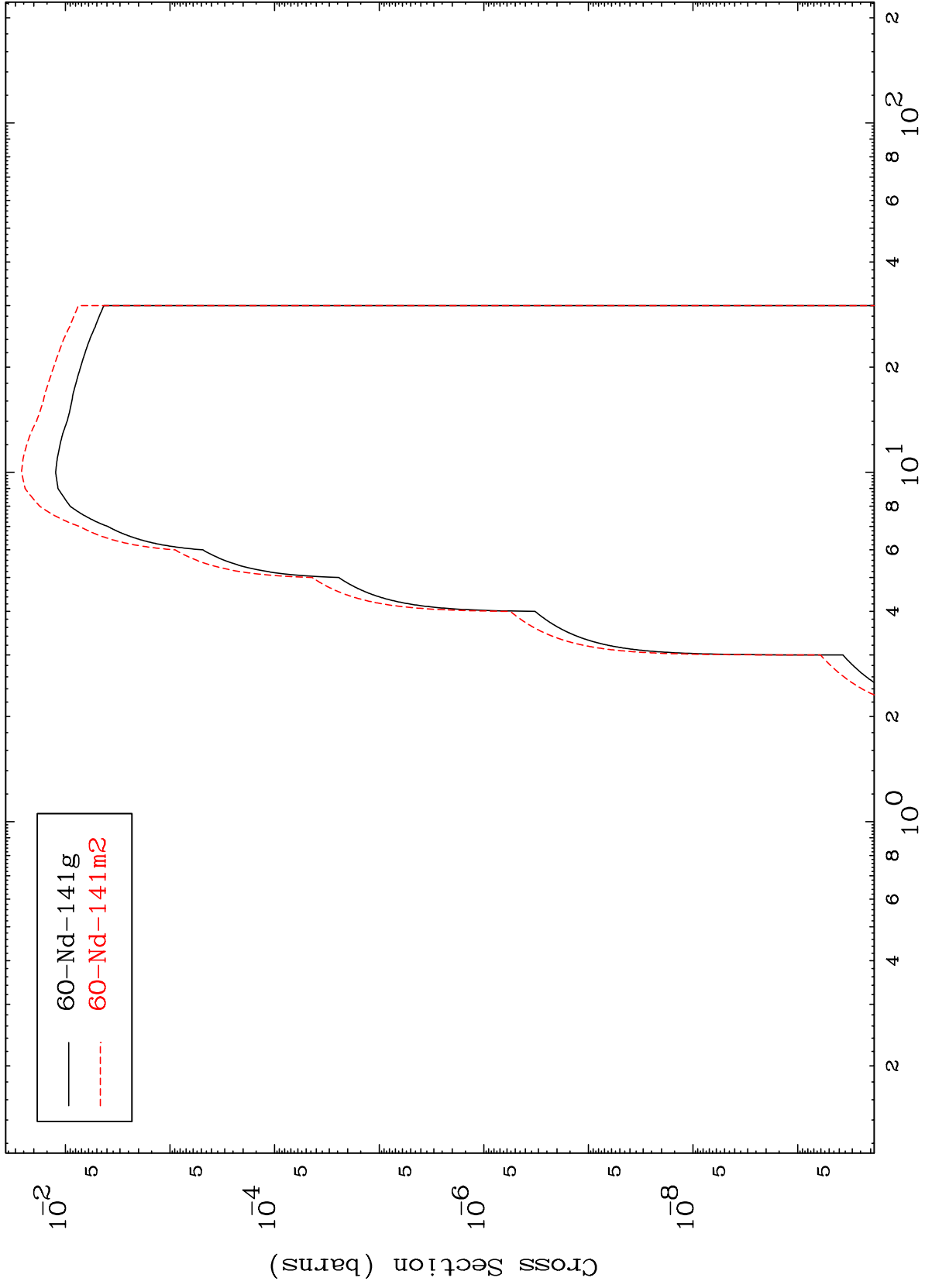




MAT 5919

59-Pr-139

Inelastic
Radionuclide Production Cross Section



59-Pr-139

Incident Energy (MeV)

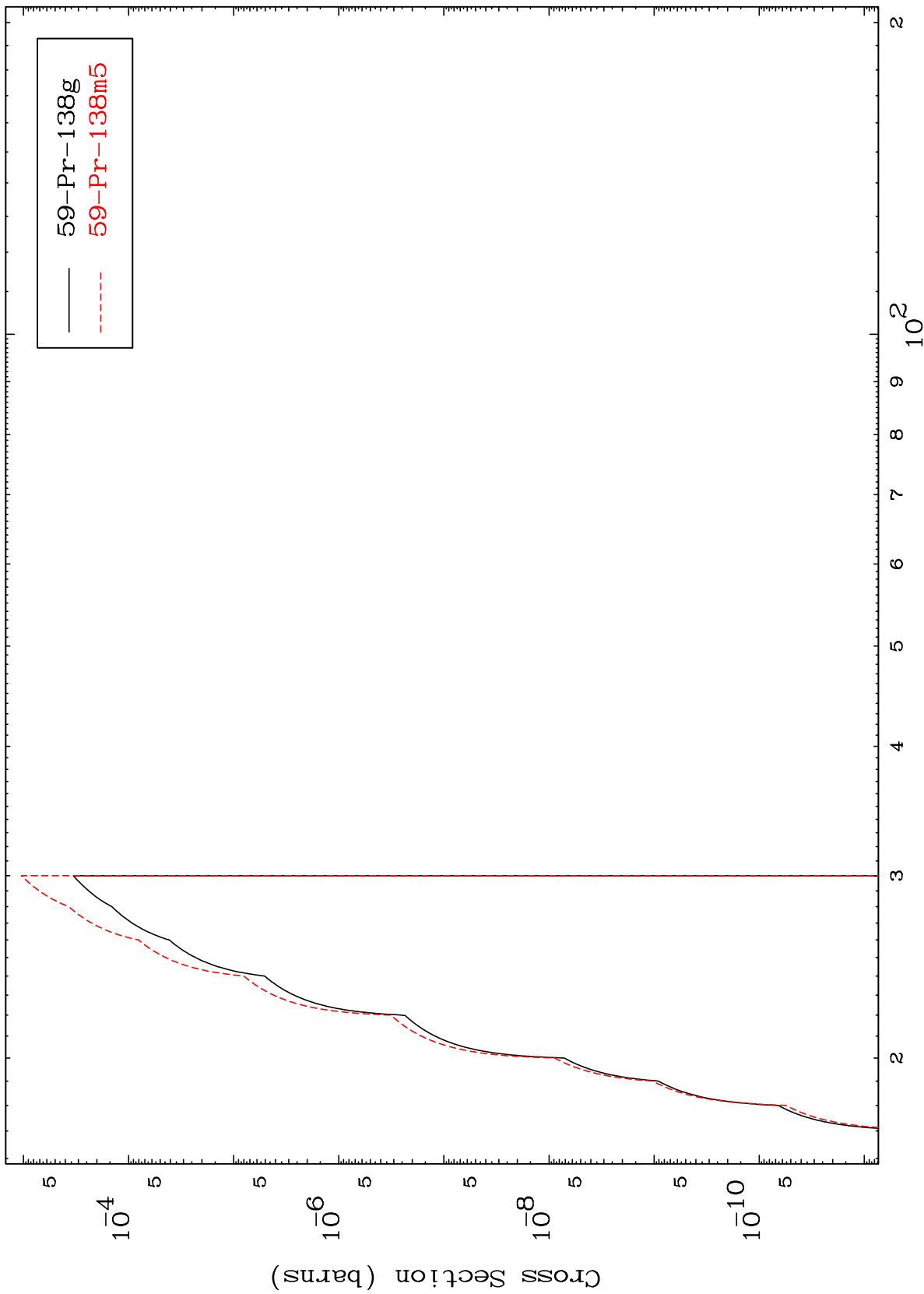
13

MAT 5919

(n,2n) d

59-Pr-139

Radionuclide Production Cross Section



14

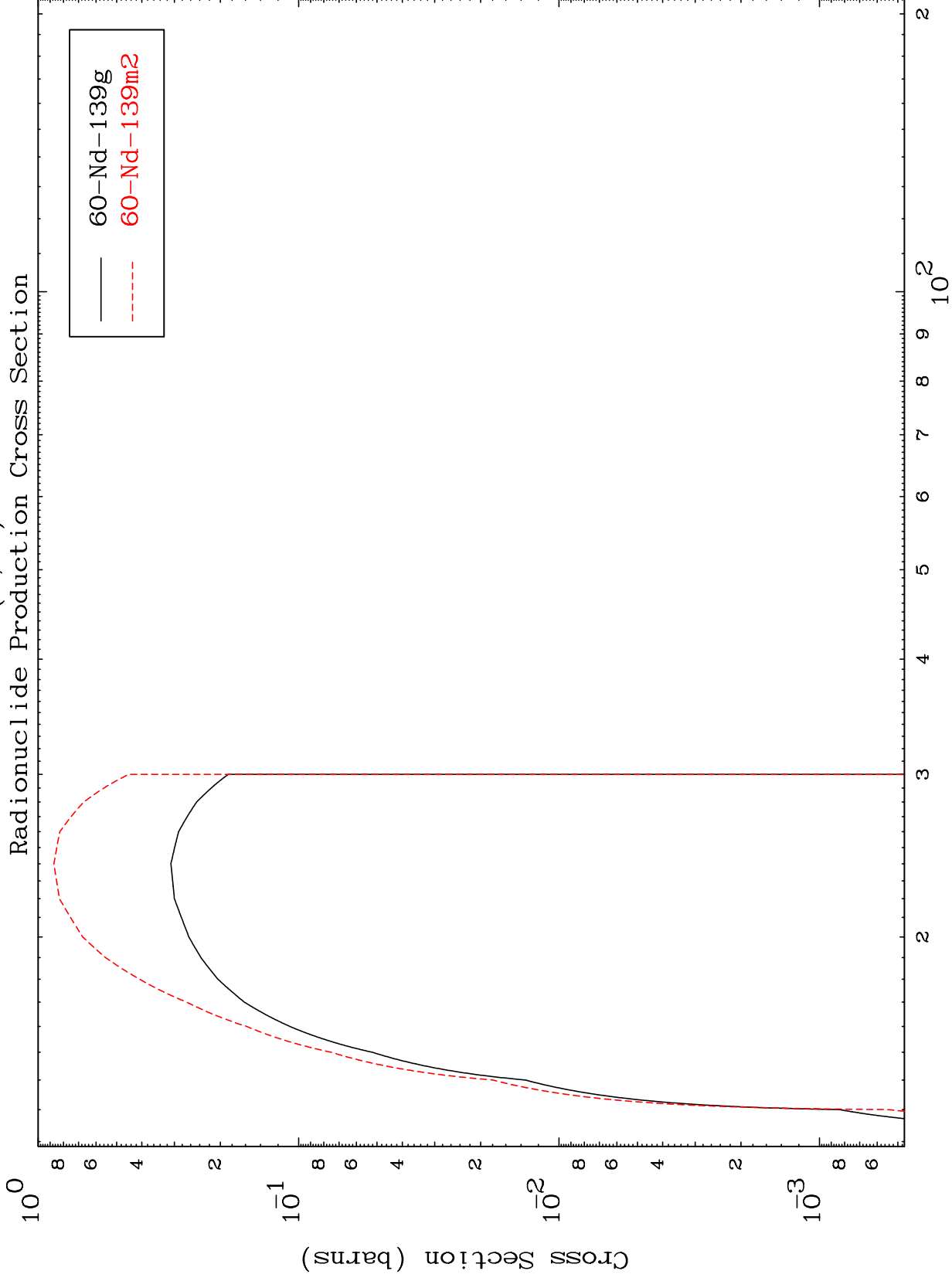
Incident Energy (MeV)

59-Pr-139

MAT 5919

(n,3n)

59-Pr-139



15

Incident Energy (MeV)

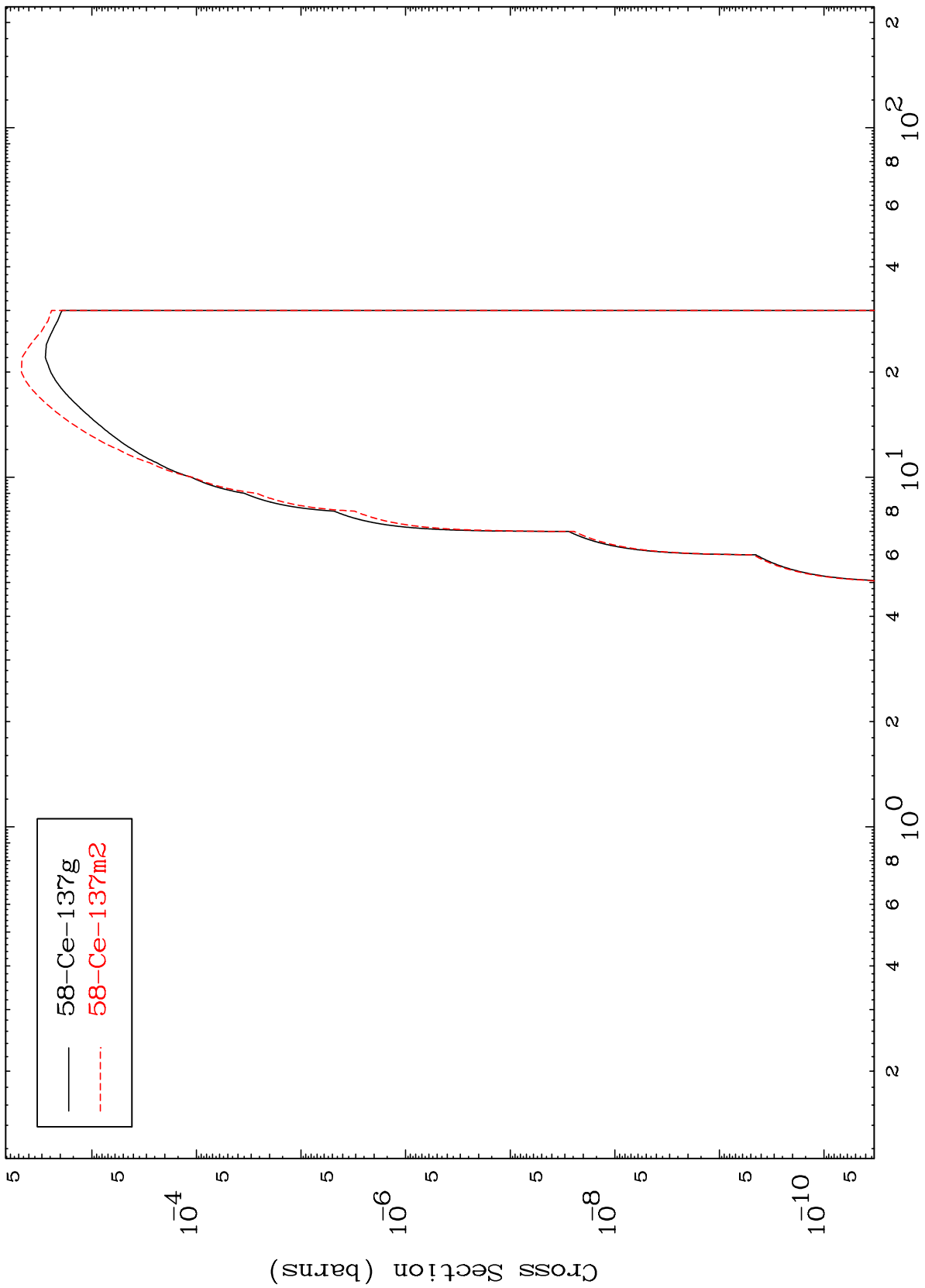
59-Pr-139

MAT 5919

(n,n') α

59-Pr-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

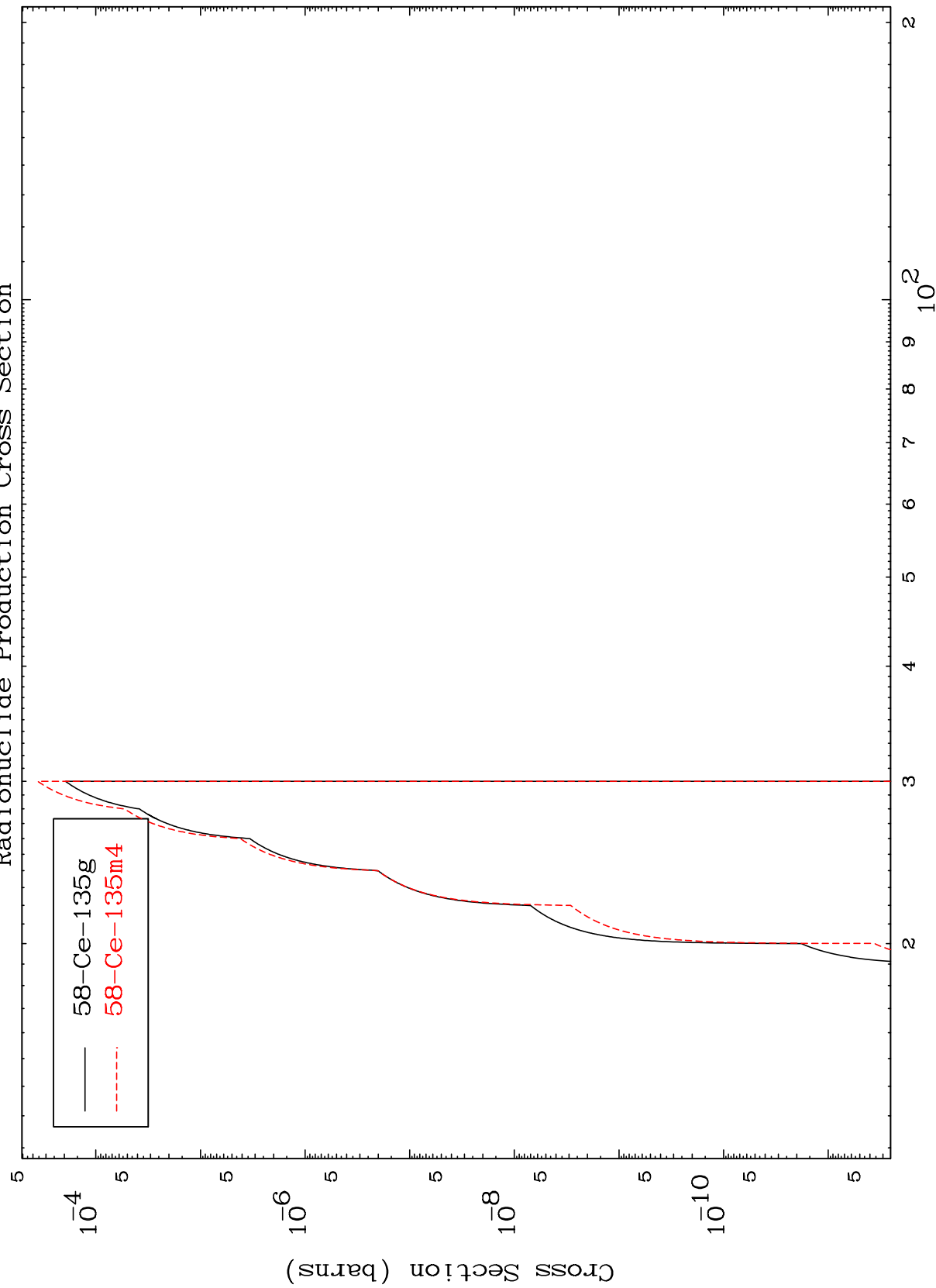
59-Pr-139

MAT 5919

59-Pr-139

(n,3n) α

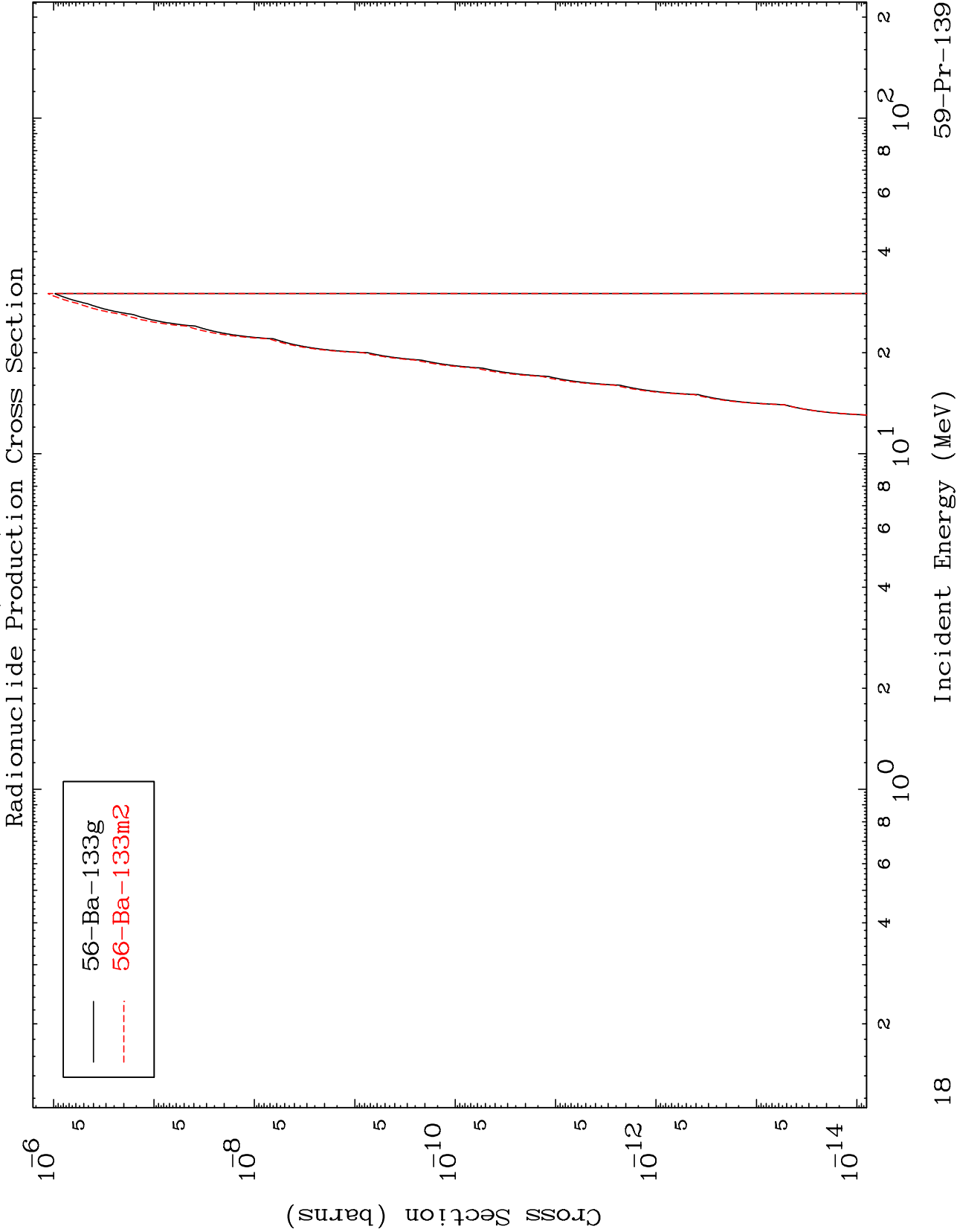
Radionuclide Production Cross Section



MAT 5919

(n,n') 2α

59-Pr-139

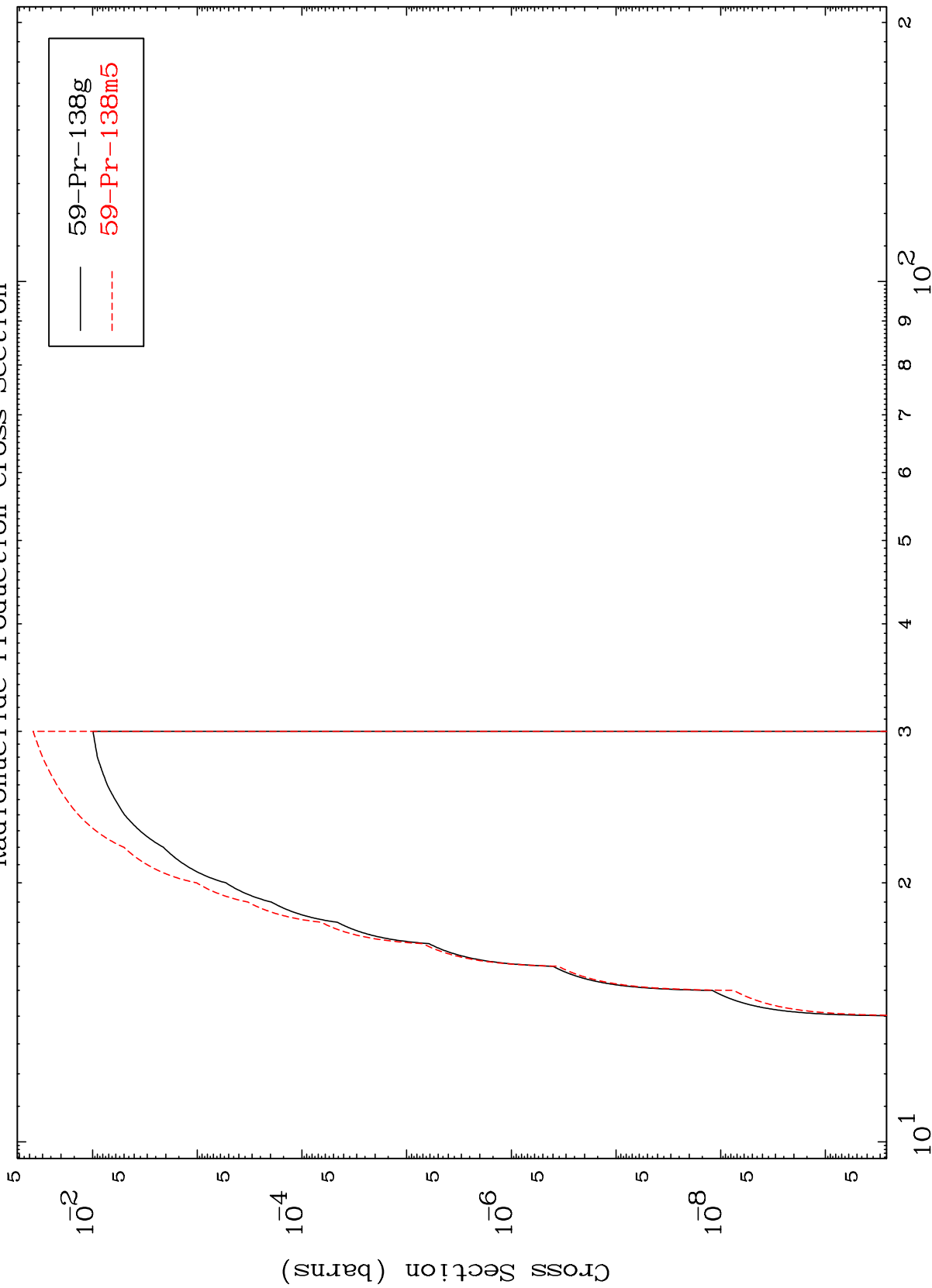


MAT 5919

(n,n') t

59-Pr-139

Radionuclide Production Cross Section



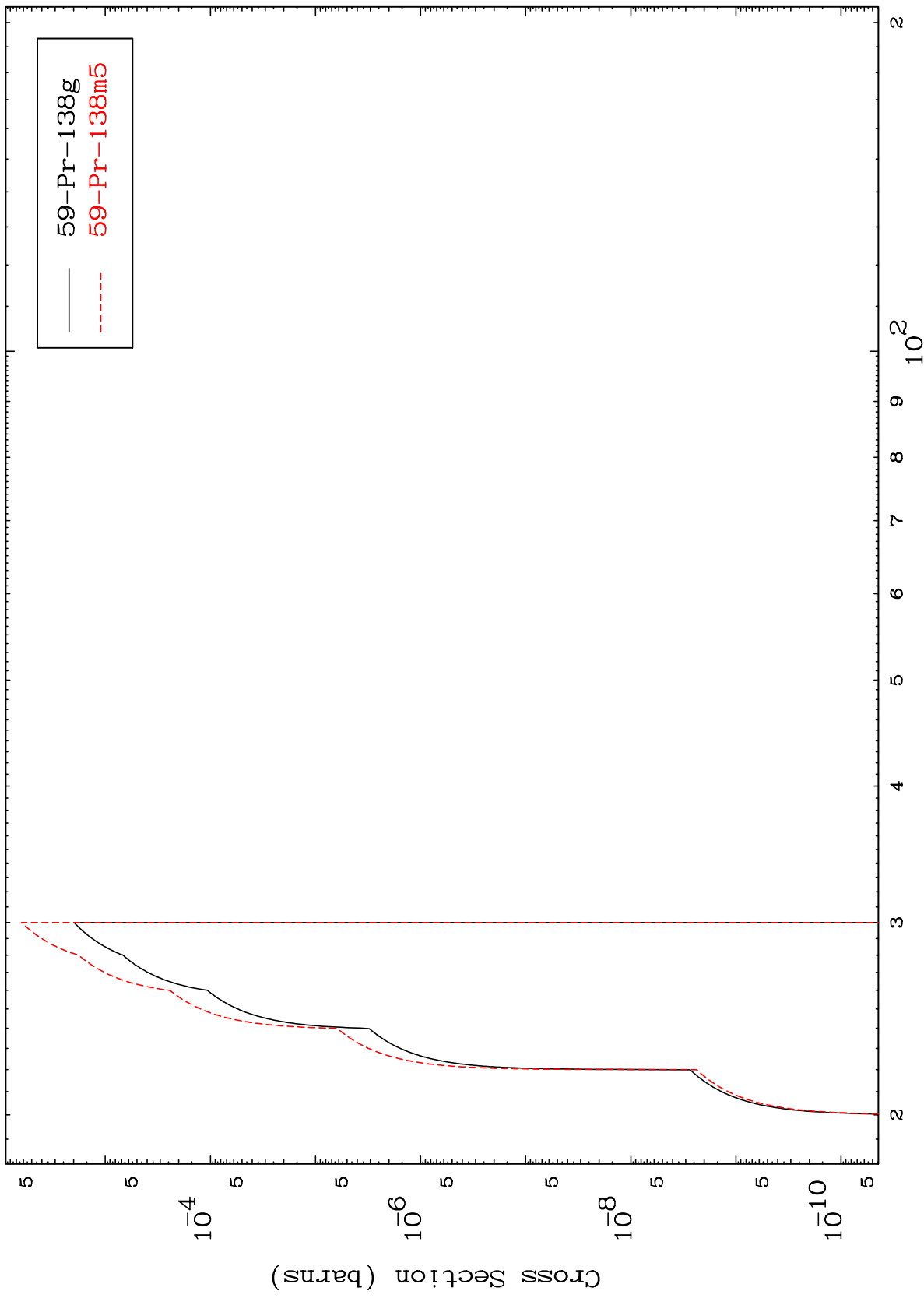
Incident Energy (MeV)

59-Pr-139

MAT 5919

59-Pr-139

(n,3n) p
Radionuclide Production Cross Section



59-Pr-139

Incident Energy (MeV)

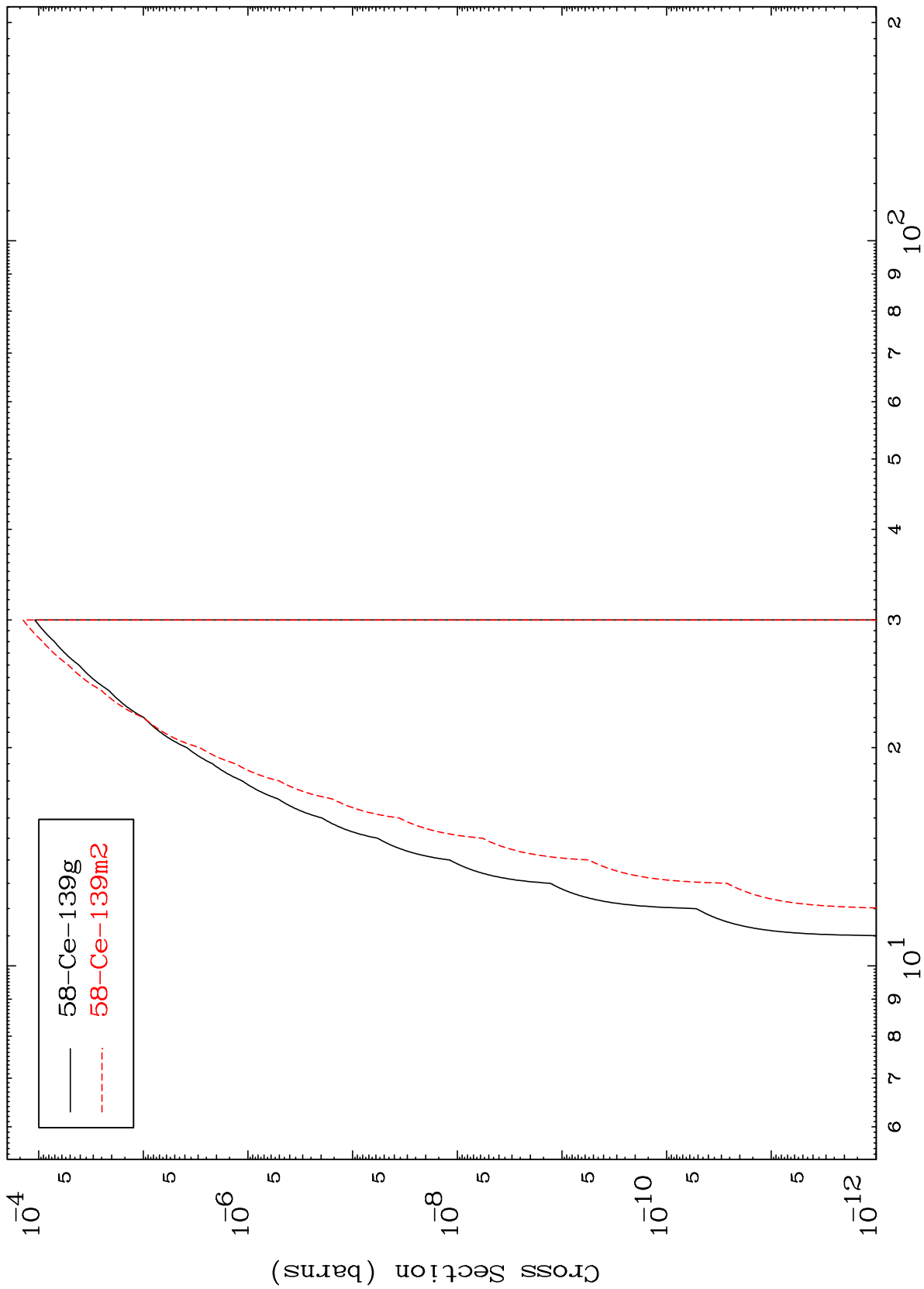
20

MAT 5919

(n,2n) p

59-Pr-139

Radionuclide Production Cross Section

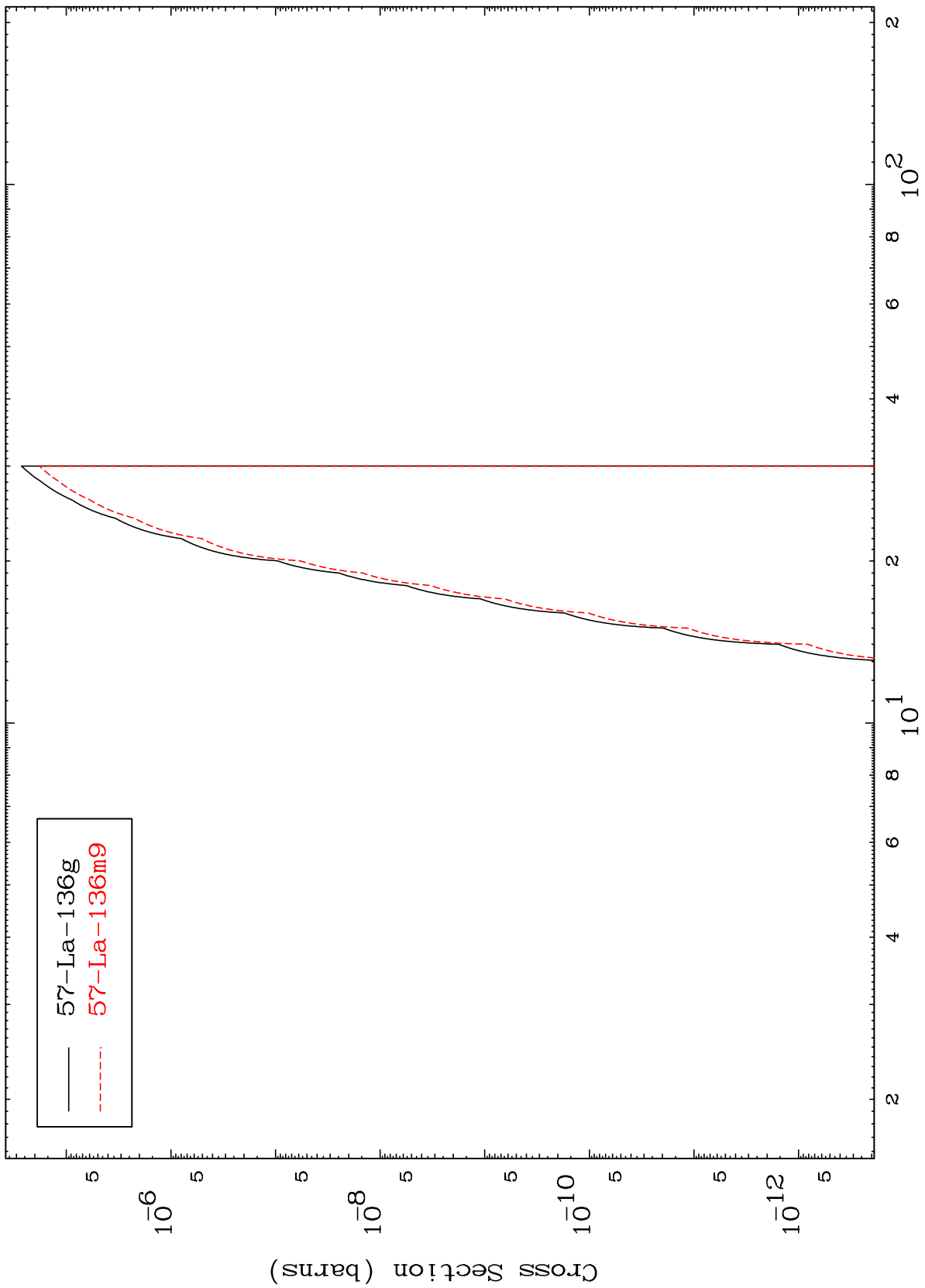


MAT 5919

(n,n') p α

59-Pr-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

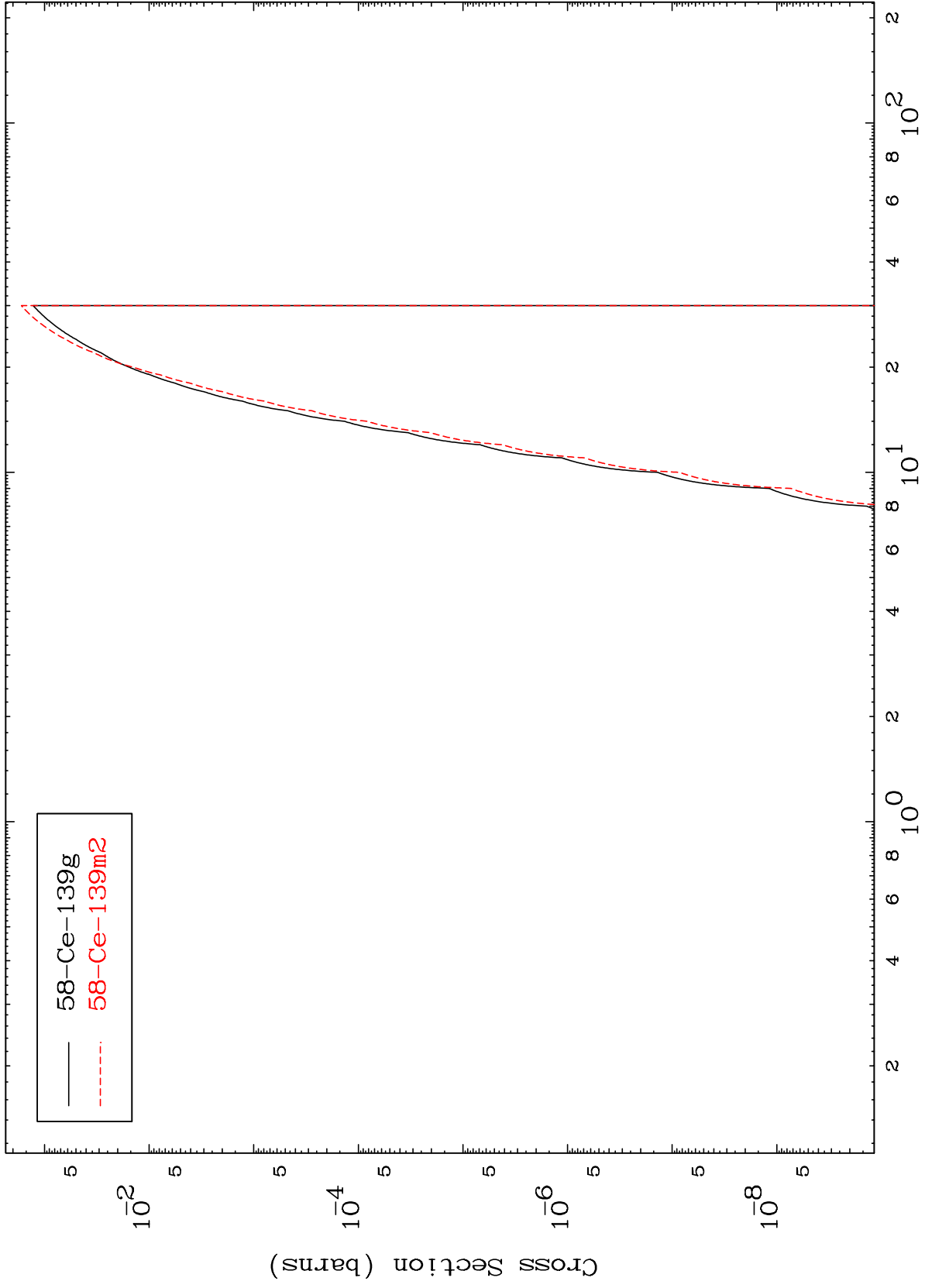
59-Pr-139

MAT 5919

(n,He-3)

59-Pr-139

Radionuclide Production Cross Section

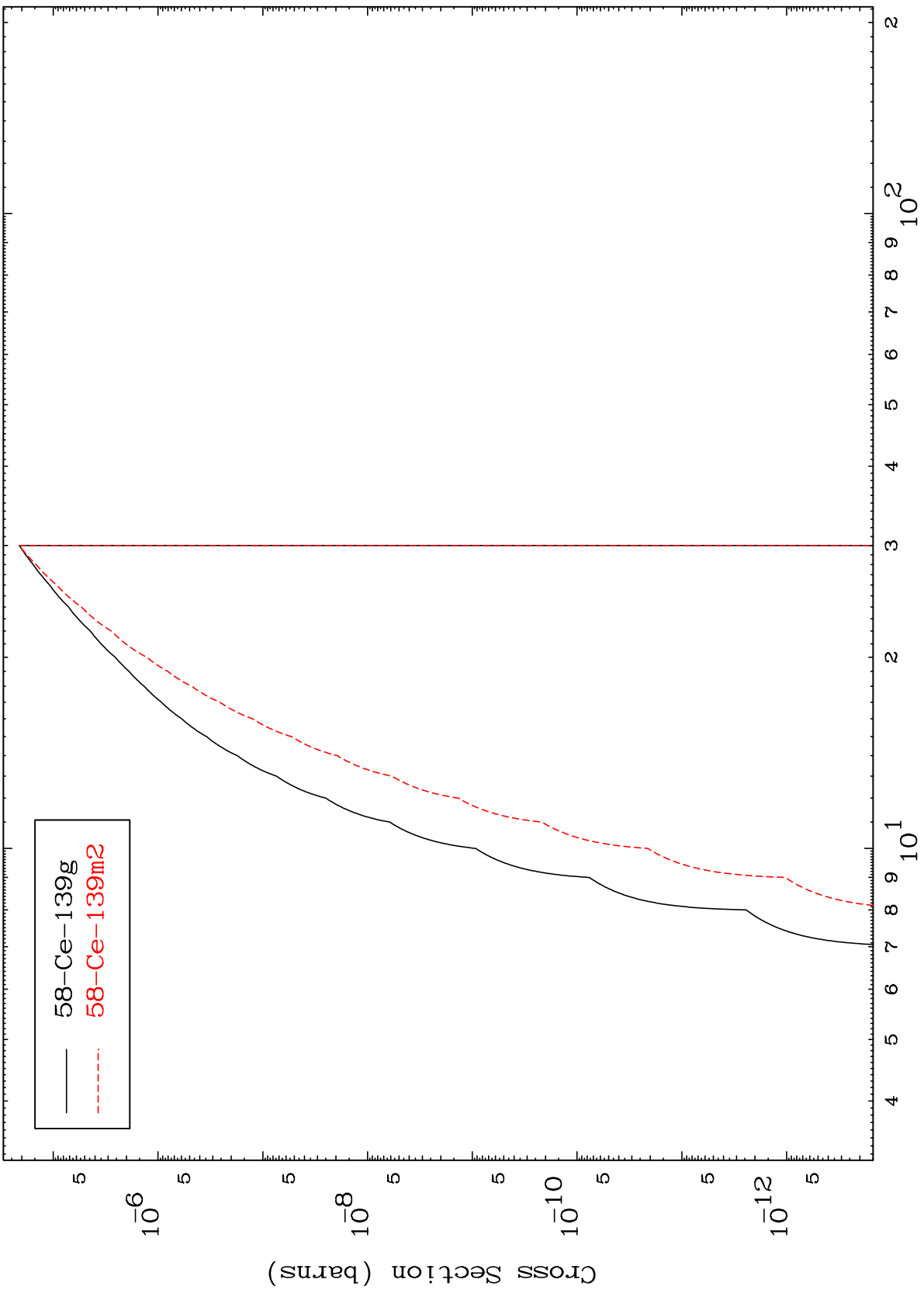


MAT 5919

(n,p) d

59-Pr-139

Radionuclide Production Cross Section



24

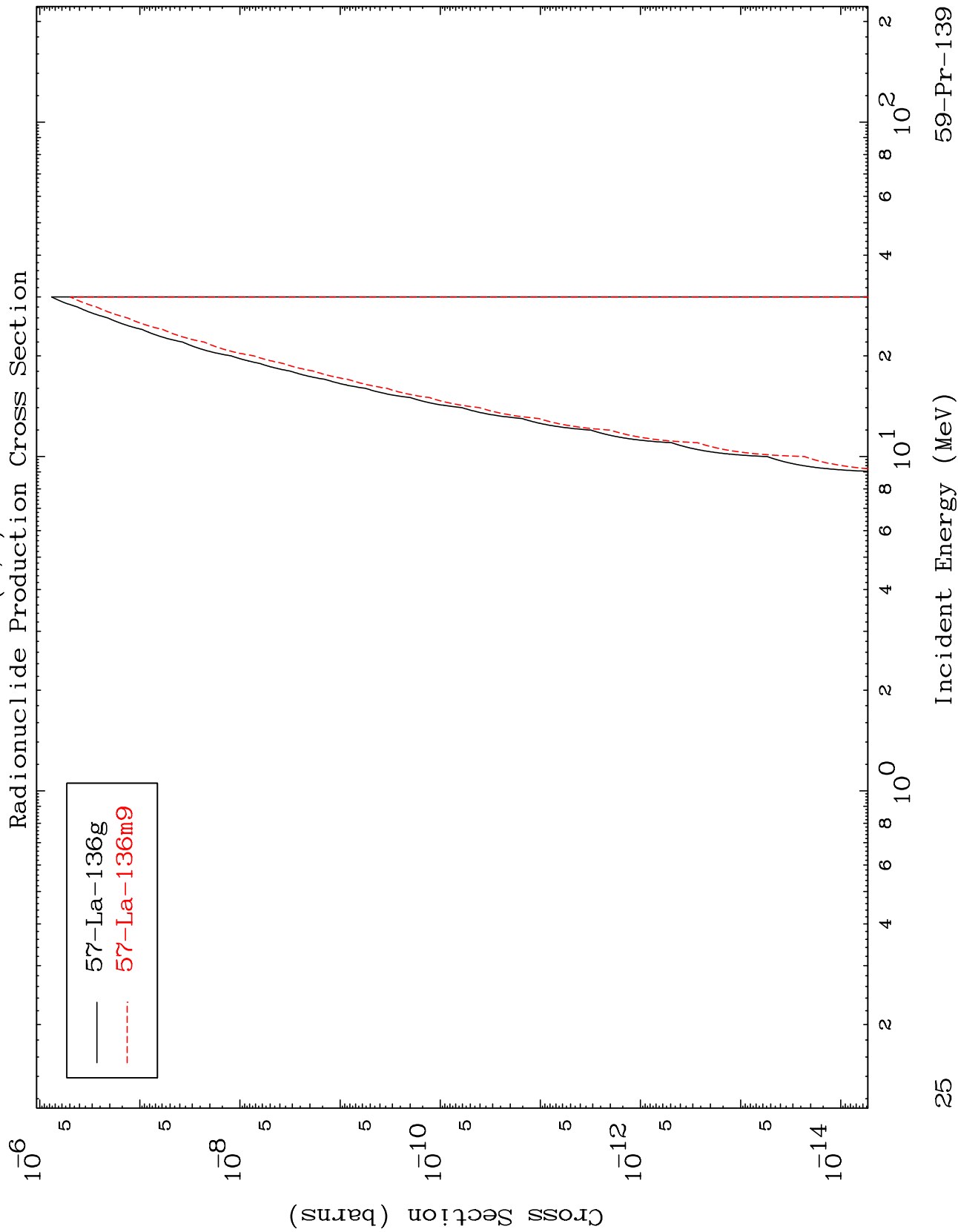
Incident Energy (MeV)

59-Pr-139

MAT 5919

(n,d) α

59-Pr-139



25

59-Pr-139