

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

Web:redcullen1.net/HOMEPAGE.NEW

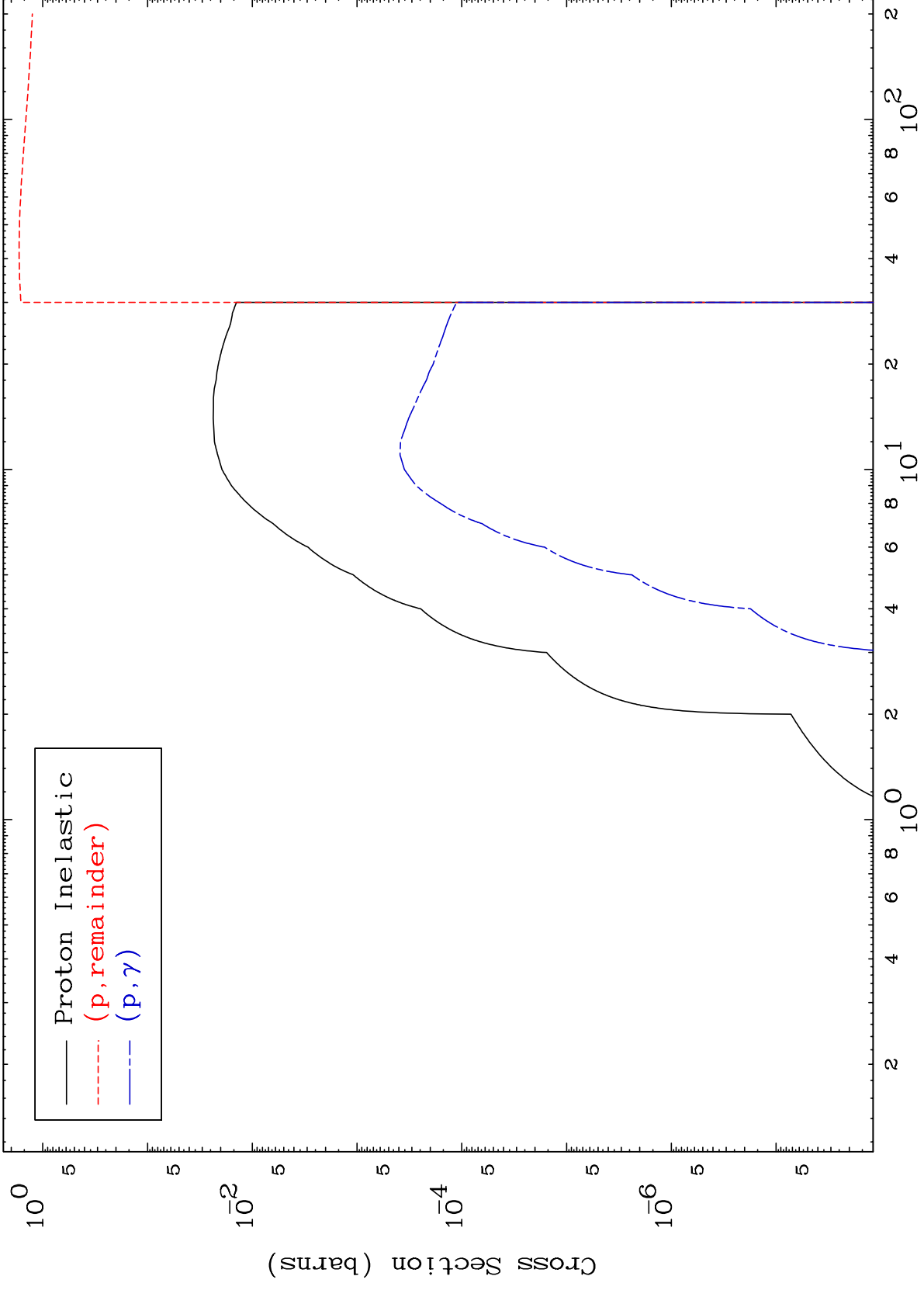
Press Mouse Button to Start

MAT 5470

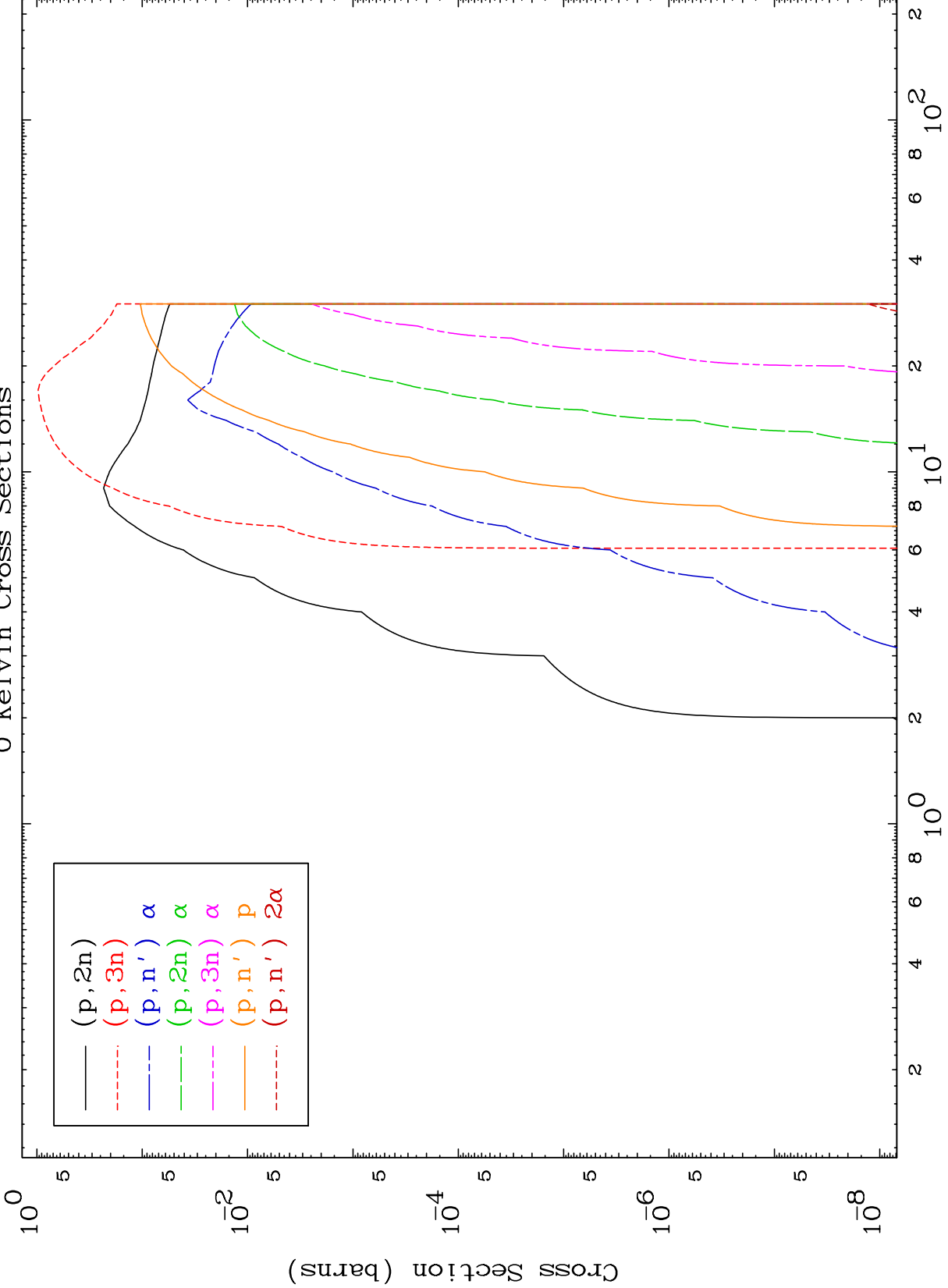
Proton Major

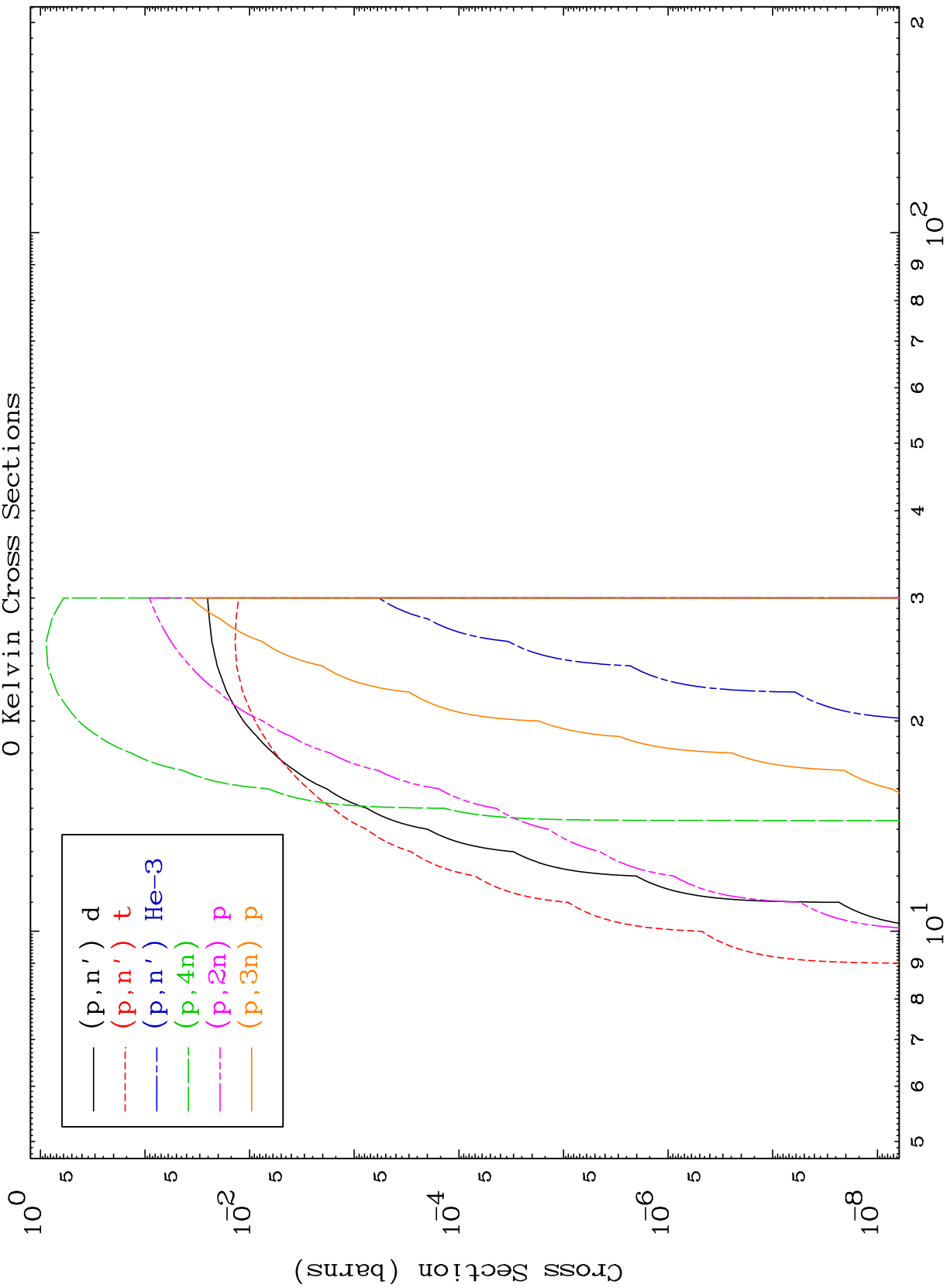
54-Xe-139

0 Kelvin Cross Sections



— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

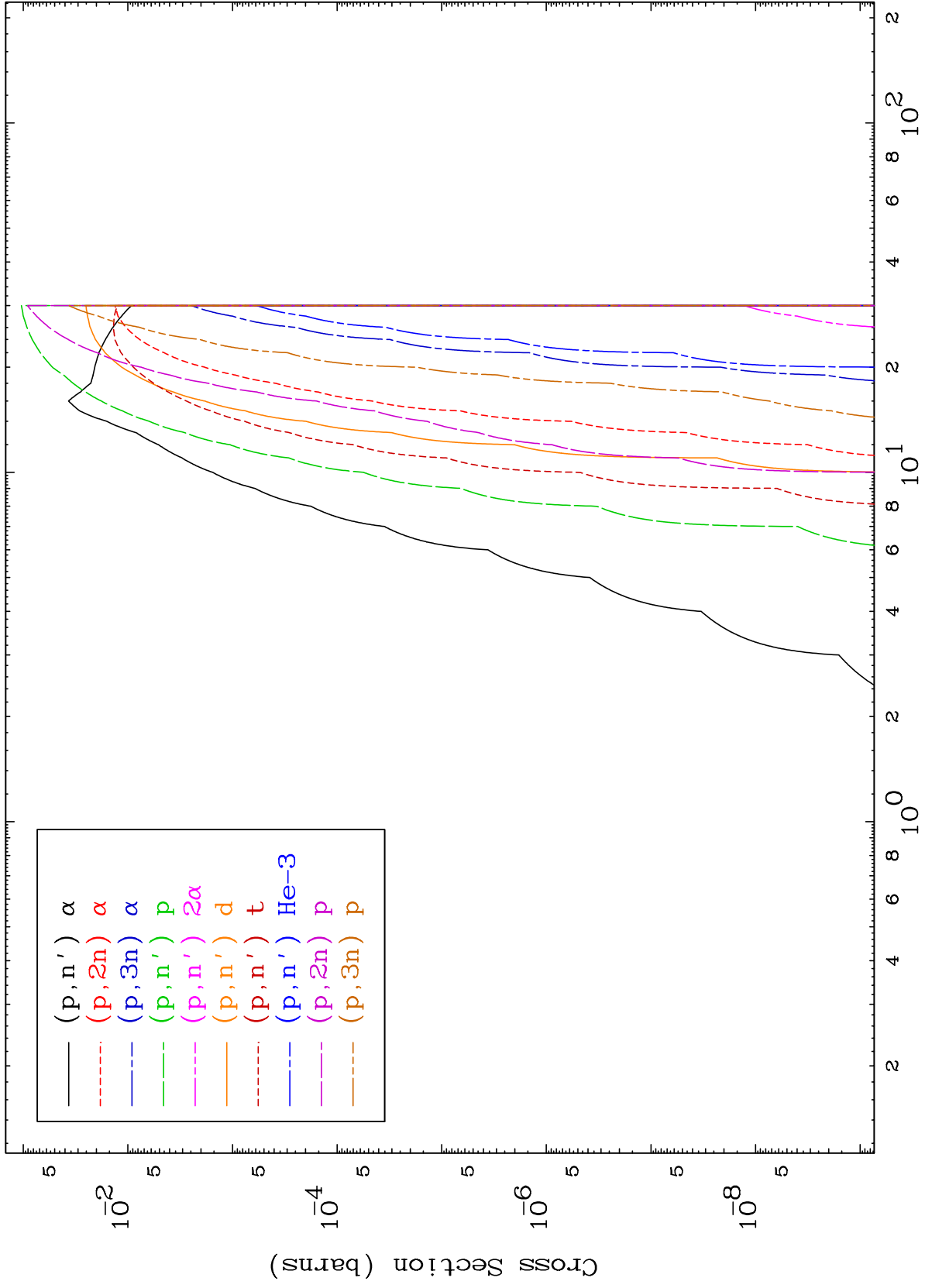


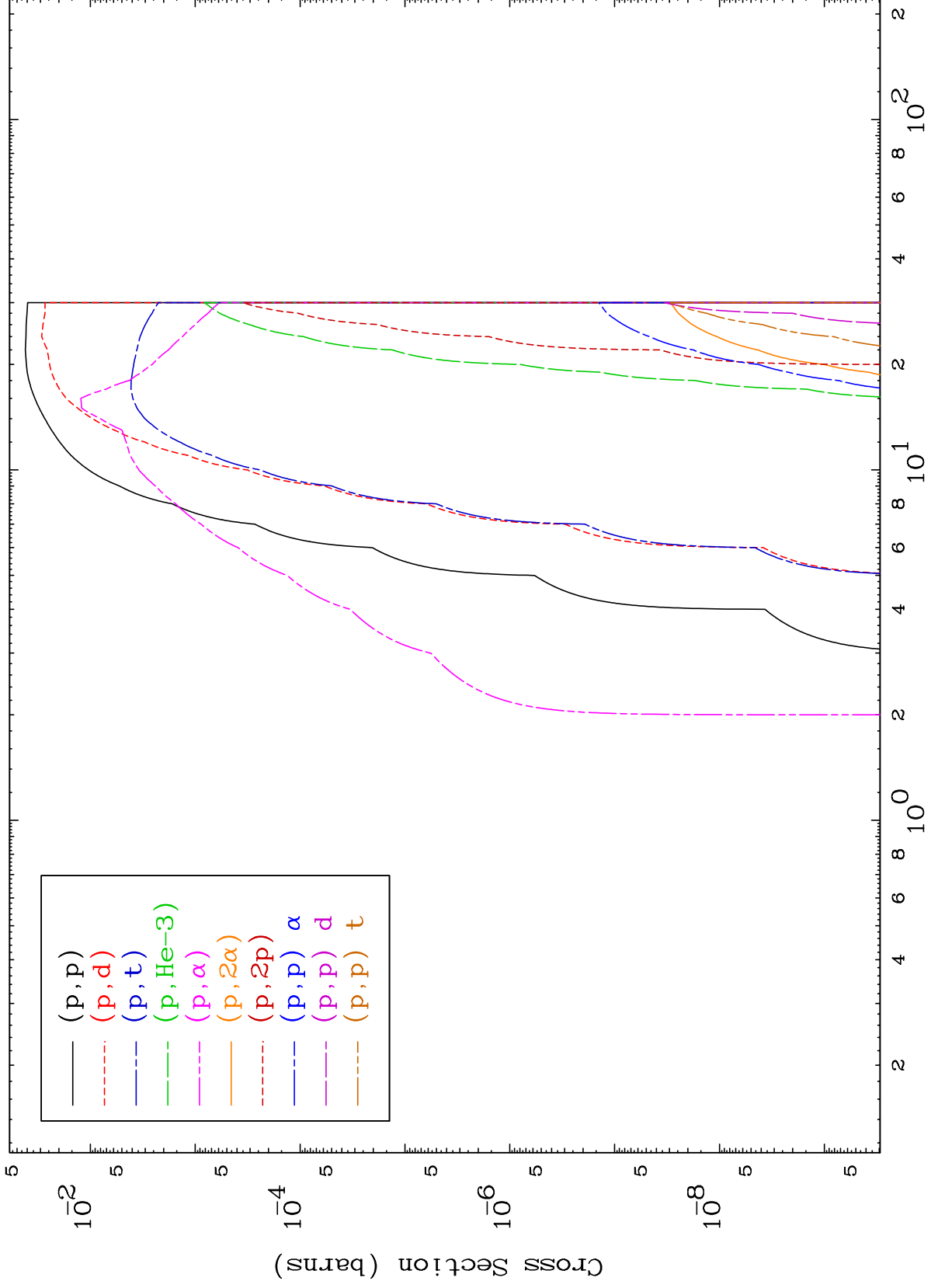


MAT 5470

Proton Charged Particle
0 Kelvin Cross Sections

54-Xe-139

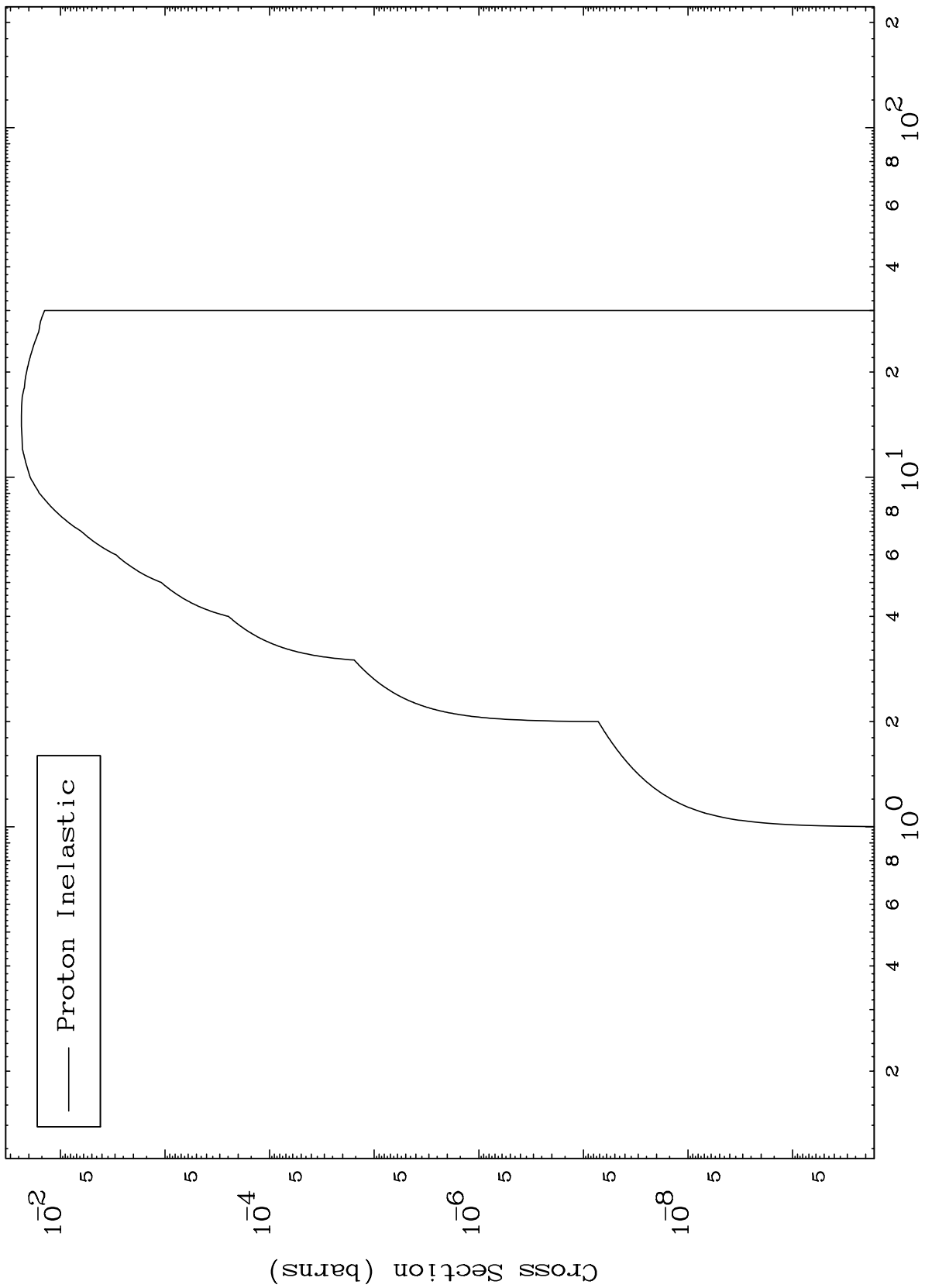




MAT 5470

54-Xe-139

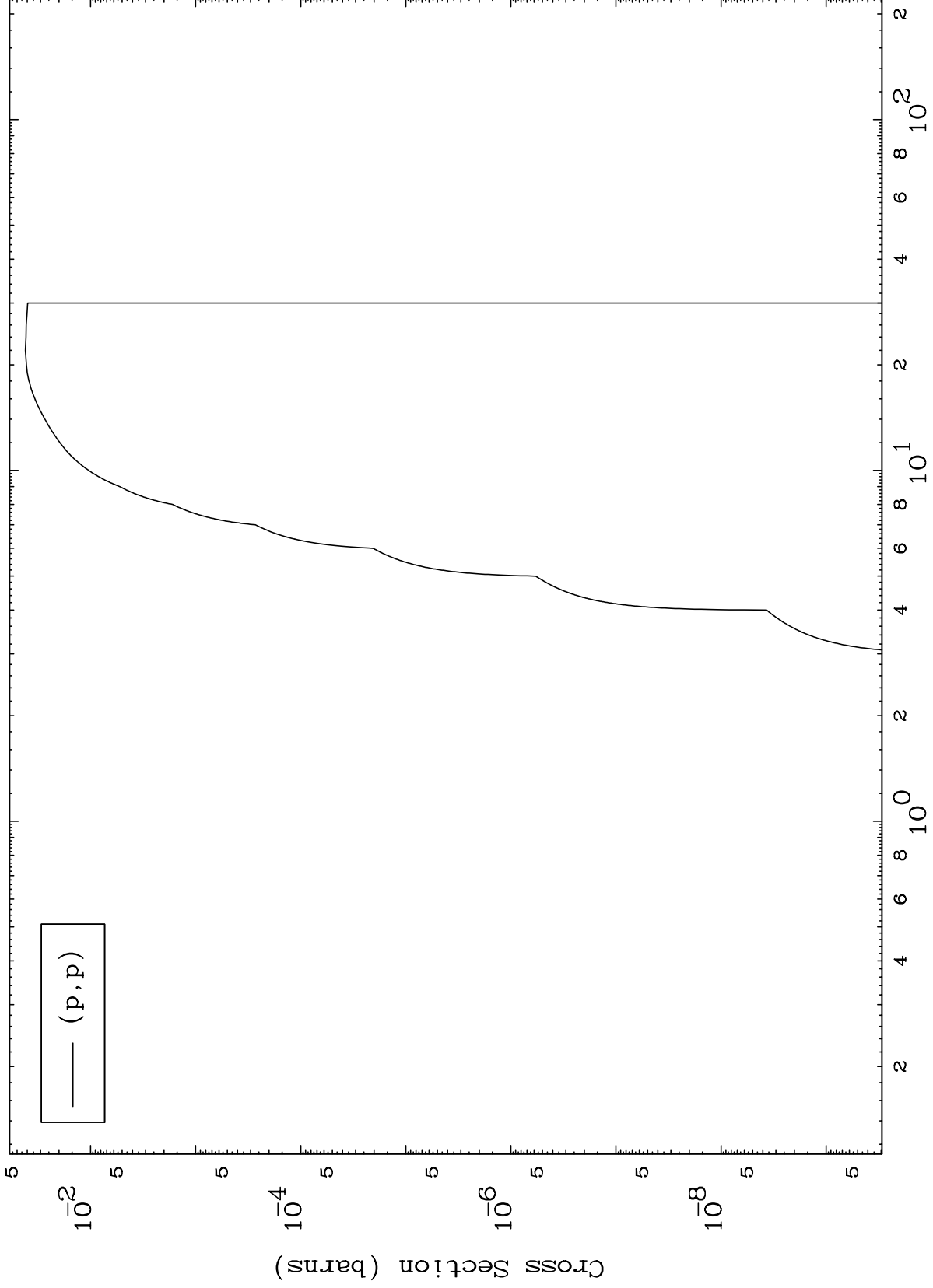
(p,n') Level
0 Kelvin Cross Sections



MAT 5470

(p,p) Levels
0 Kelvin Cross Sections

54-Xe-139



7

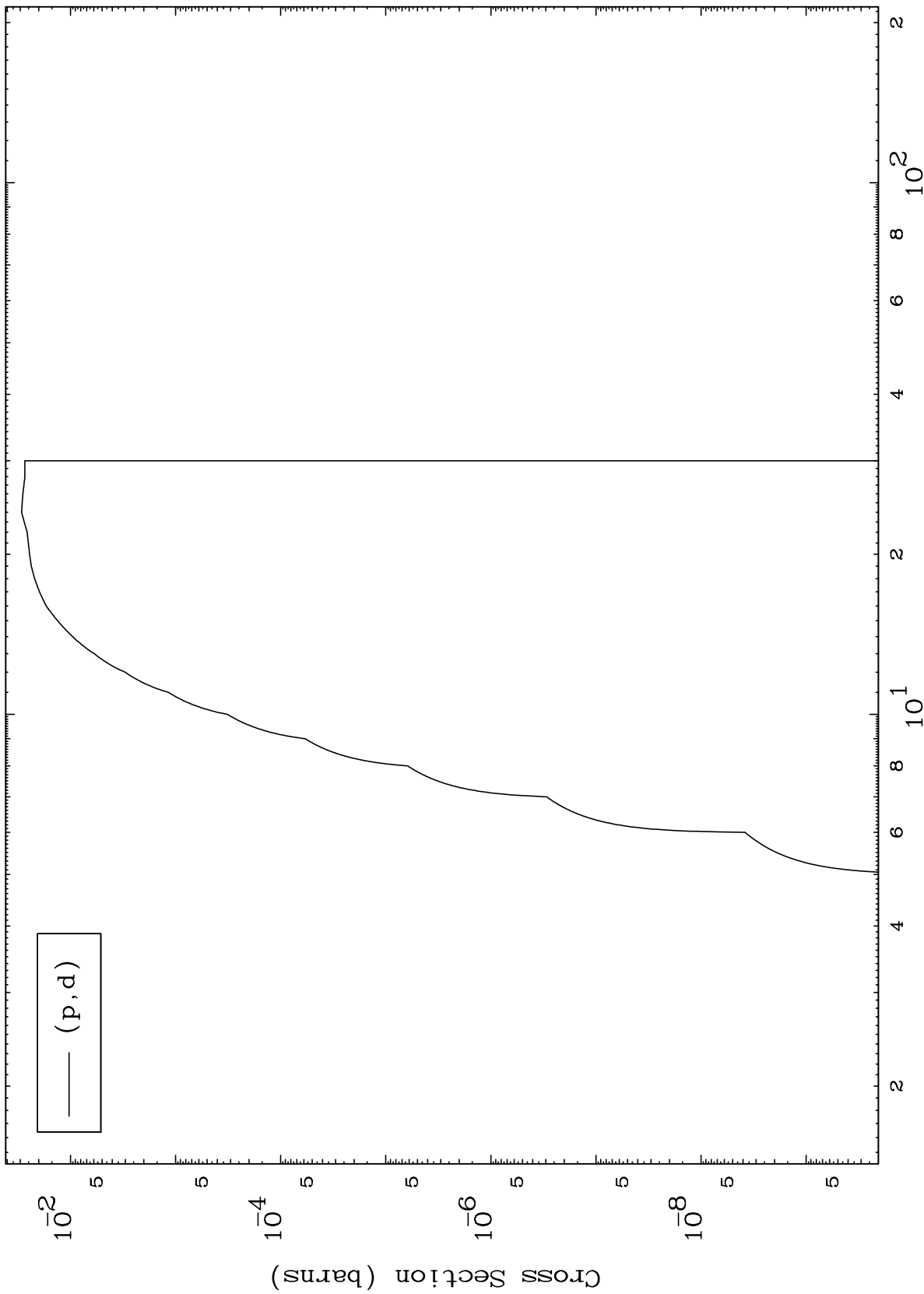
Incident Energy (MeV)

54-Xe-139

MAT 5470

54-Xe-139

(p,d) Levels
0 Kelvin Cross Sections



8

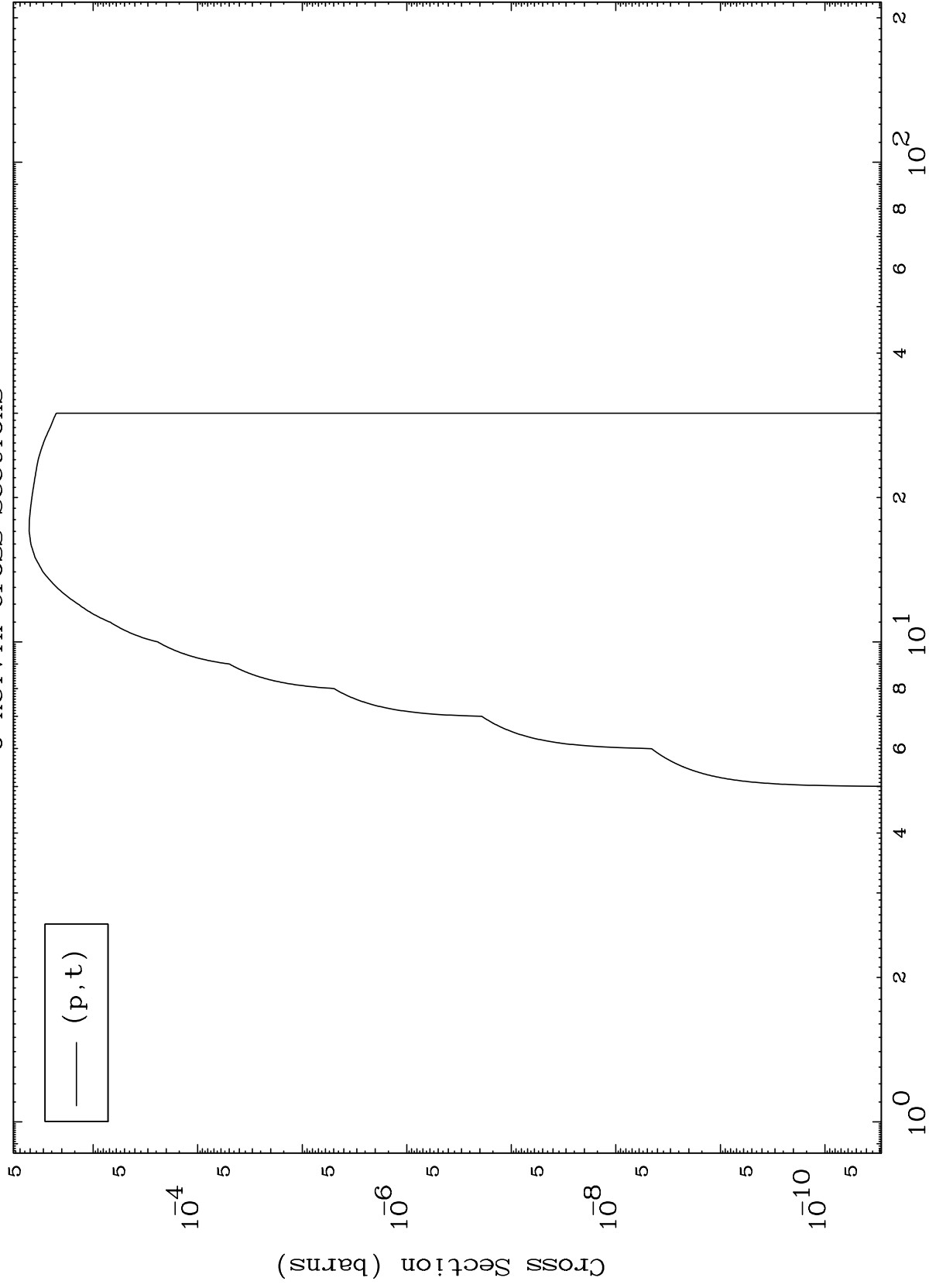
54-Xe-139

Incident Energy (MeV)

MAT 5470

(p, t) Levels
0 Kelvin Cross Sections

54-Xe-139



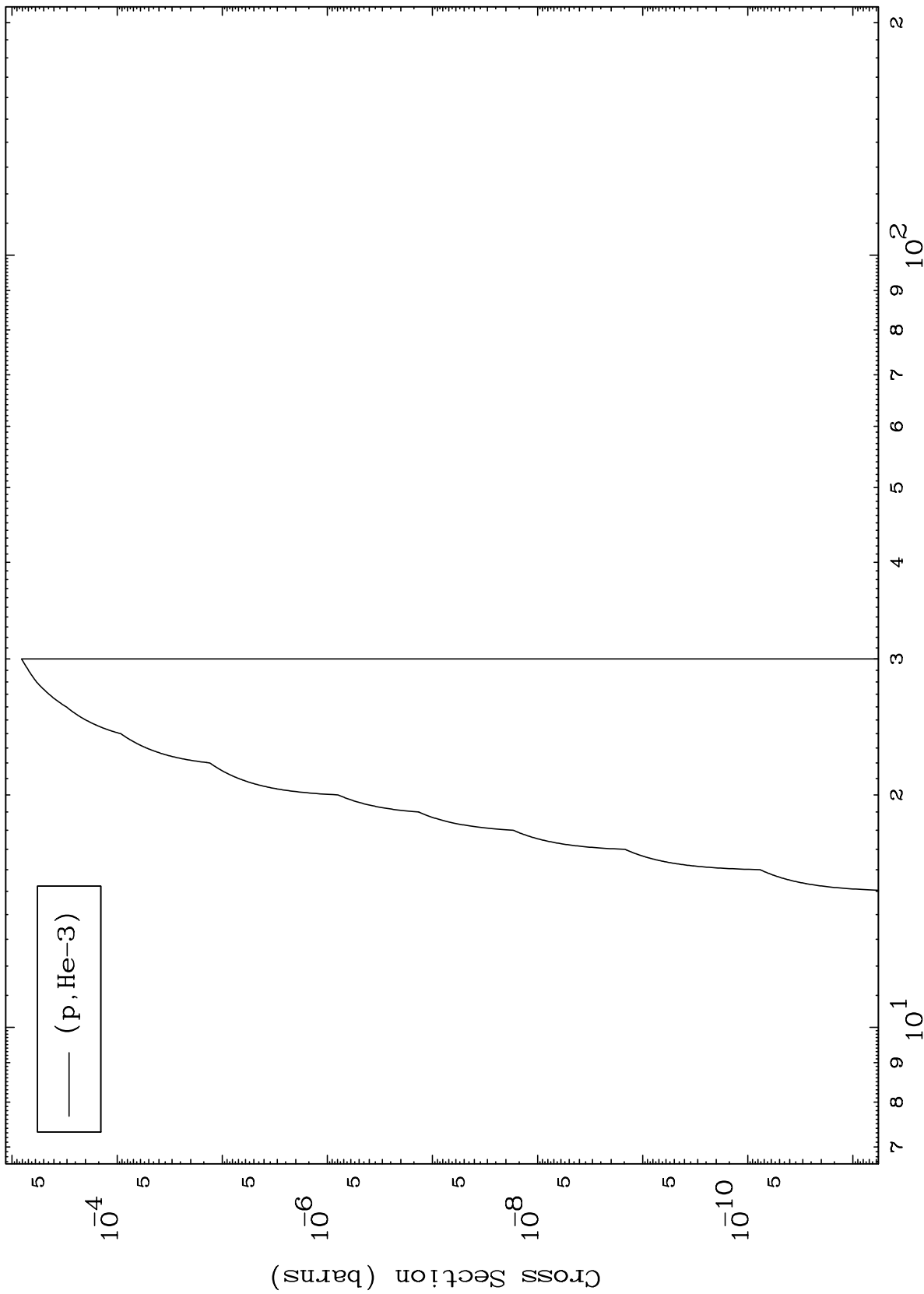
Incident Energy (MeV)

54-Xe-139

MAT 5470

54-Xe-139

(p,He3) Levels
0 Kelvin Cross Sections



54-Xe-139

Incident Energy (MeV)

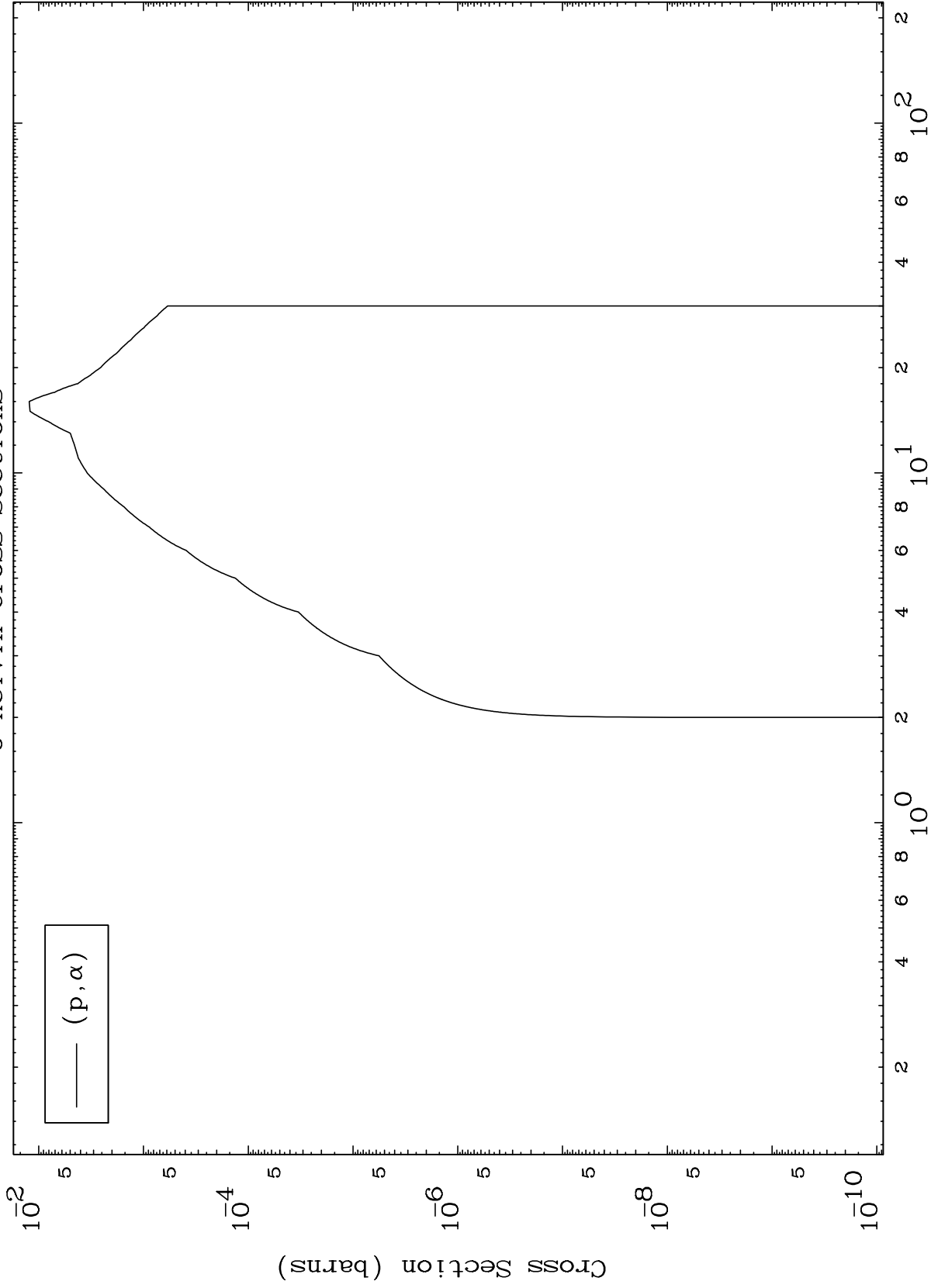
10

MAT 5470

(p, α) Levels

54-Xe-139

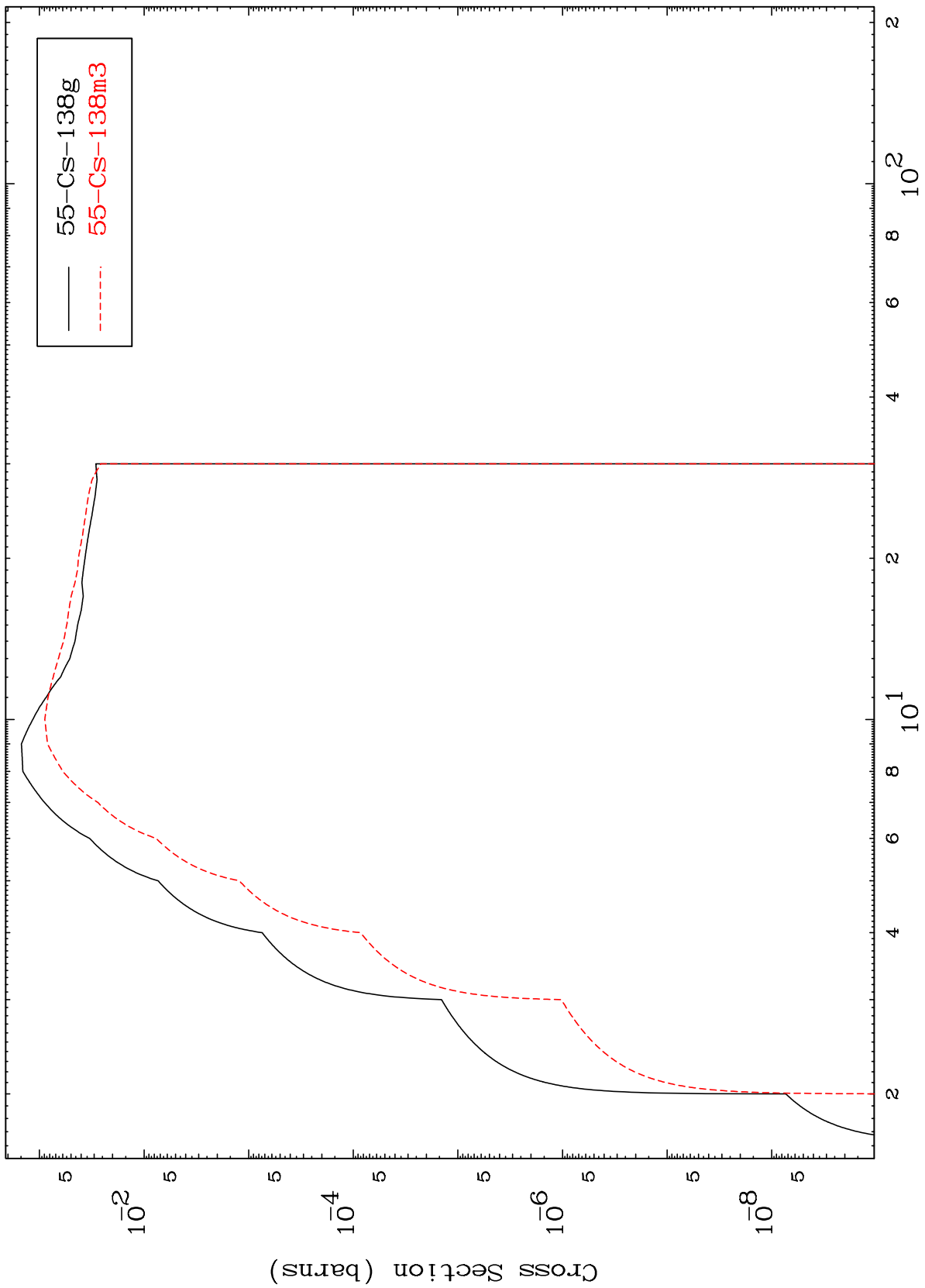
0 Kelvin Cross Sections



MAT 5470

54-Xe-139

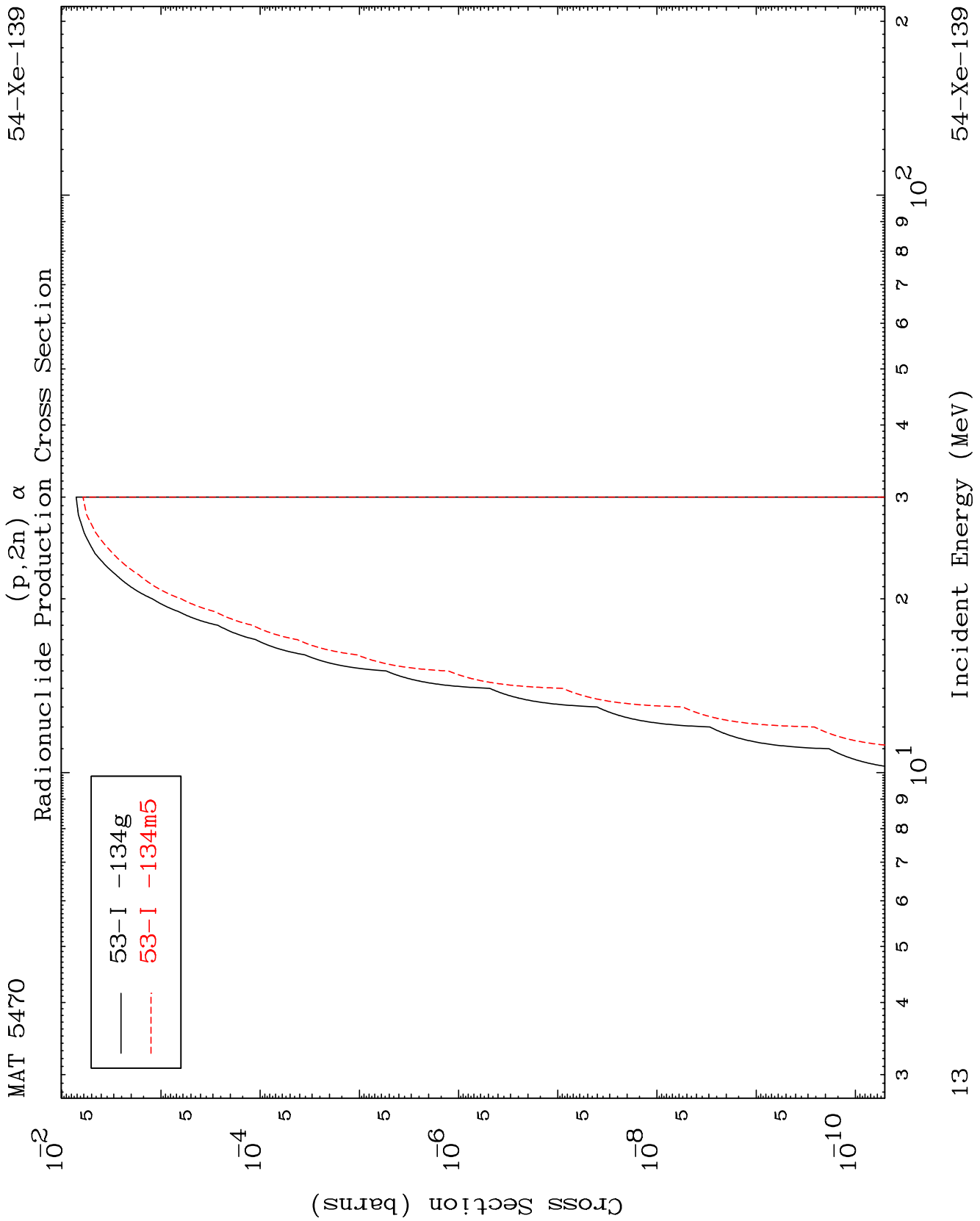
(p,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

54-Xe-139

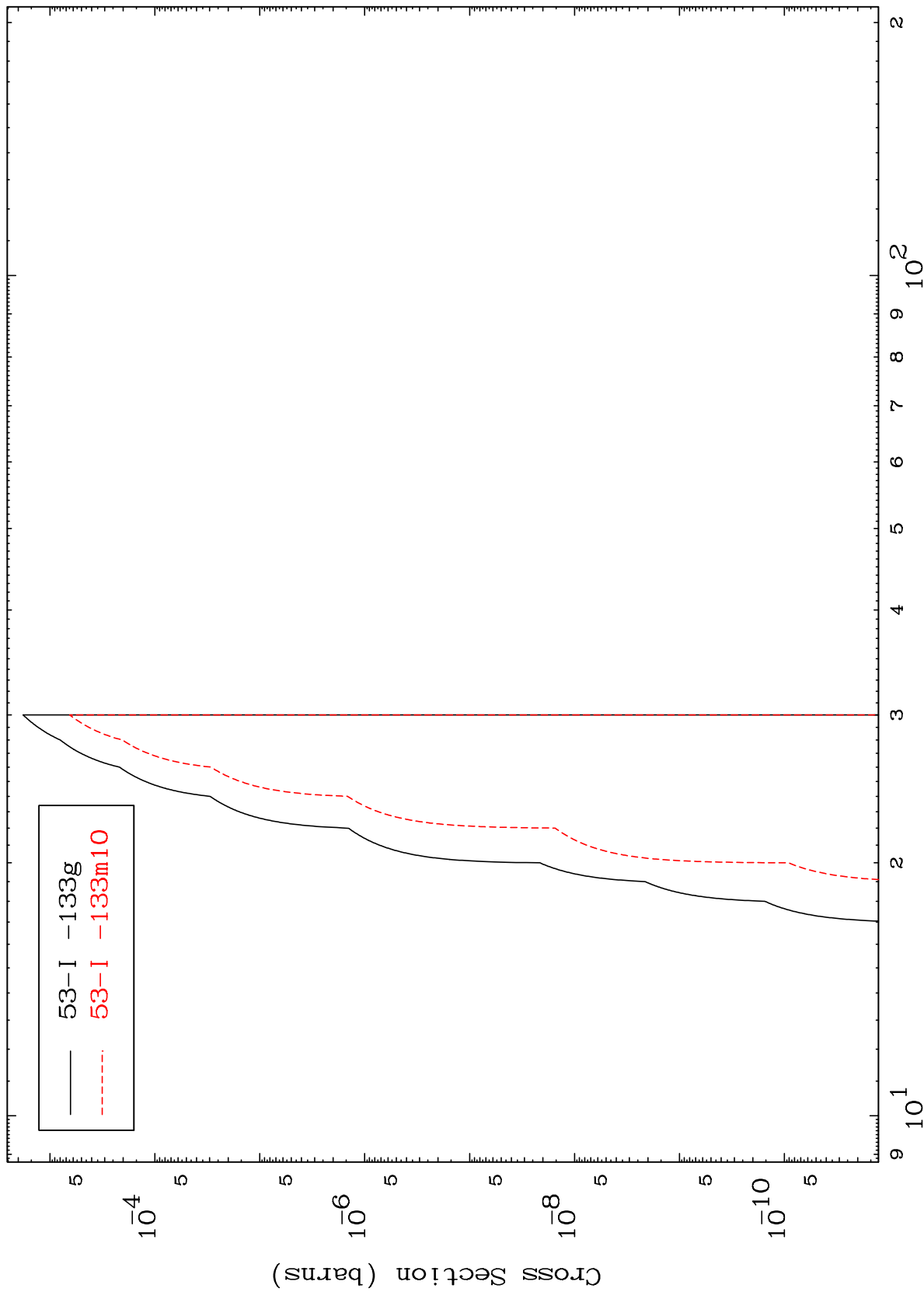


MAT 5470

(p,3n) α

54-Xe-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

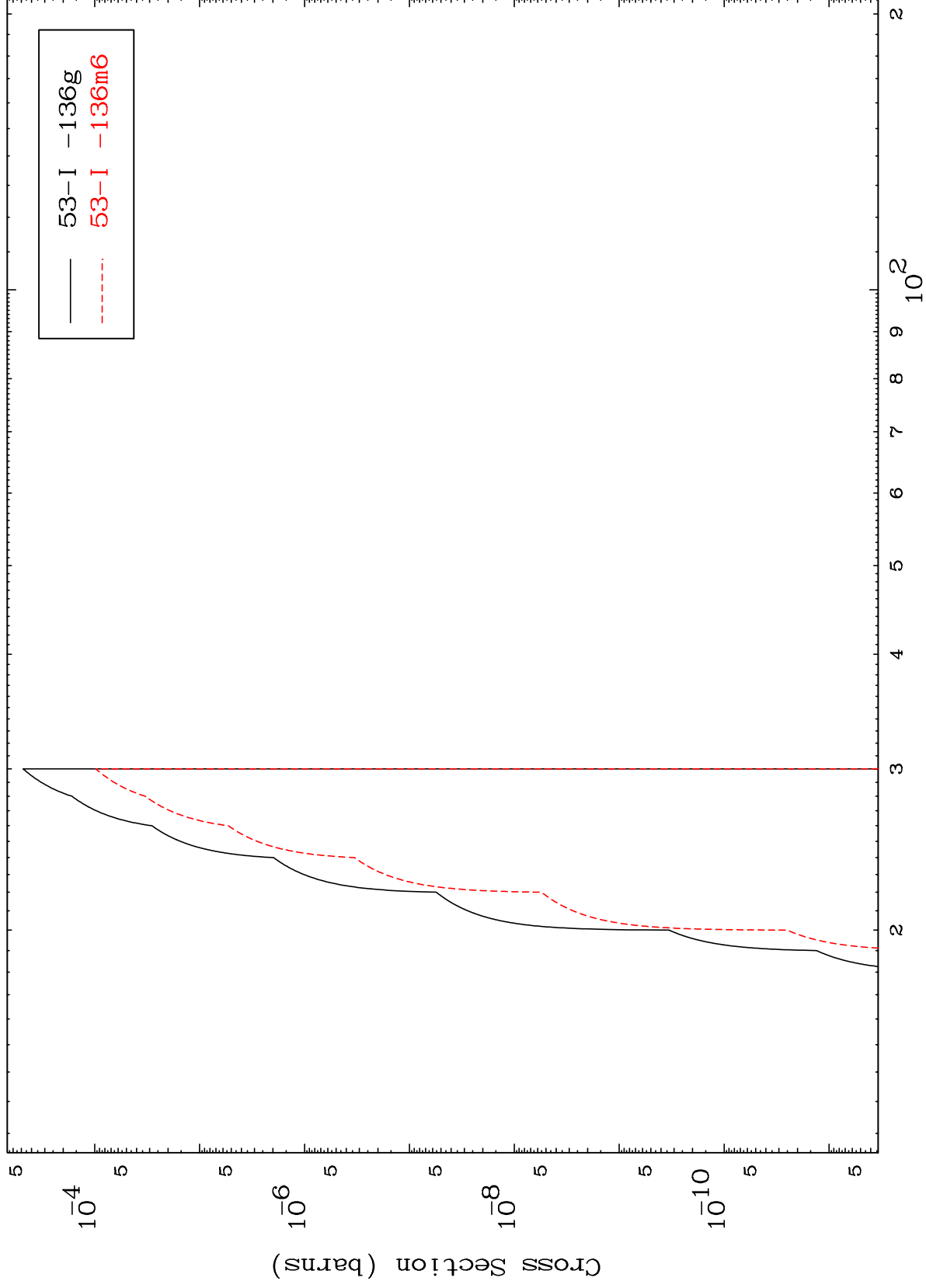
54-Xe-139

MAT 5470

(p,n') He-3

54-Xe-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

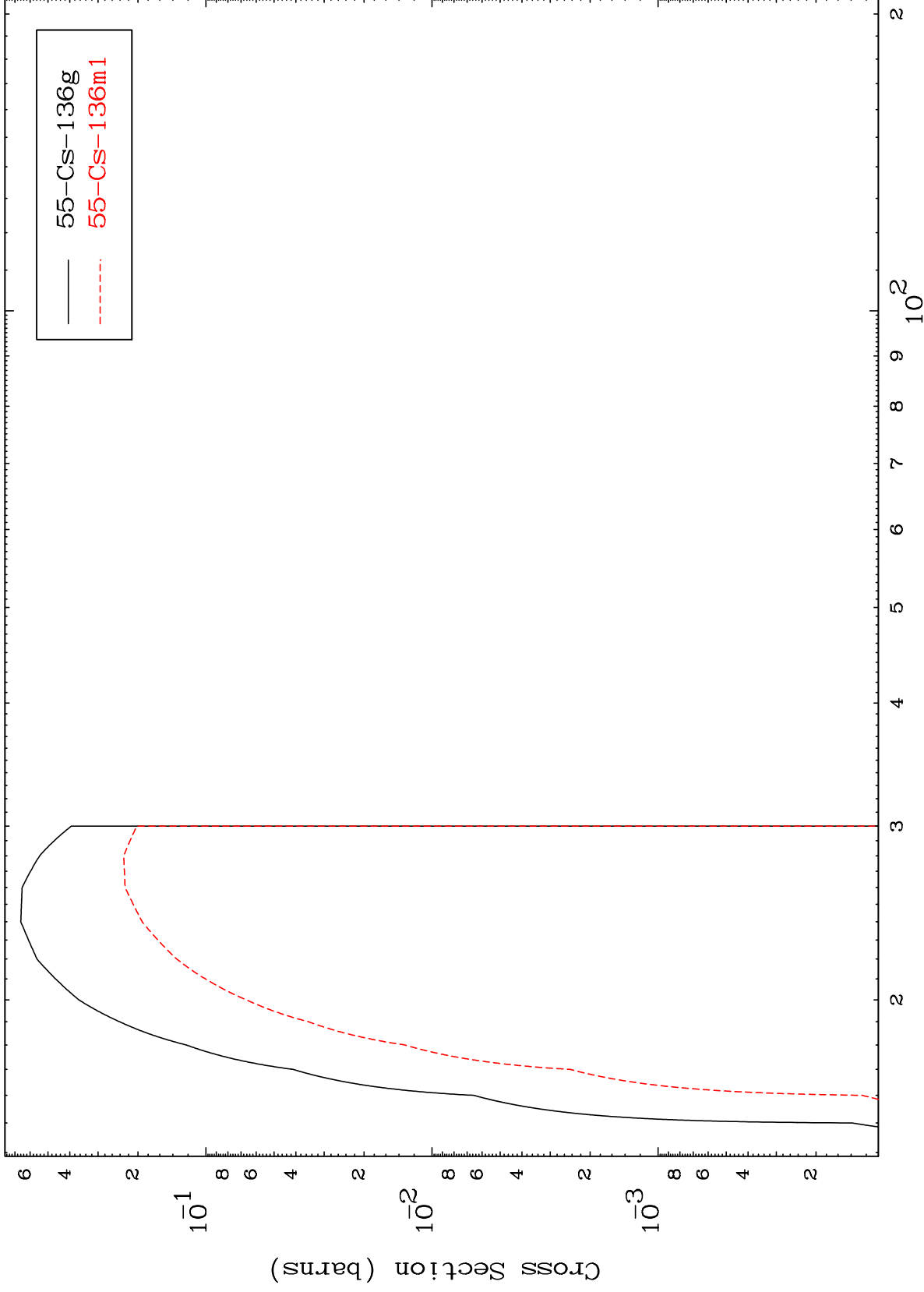
54-Xe-139

MAT 5470

(p,4n)

54-Xe-139

Radionuclide Production Cross Section



16

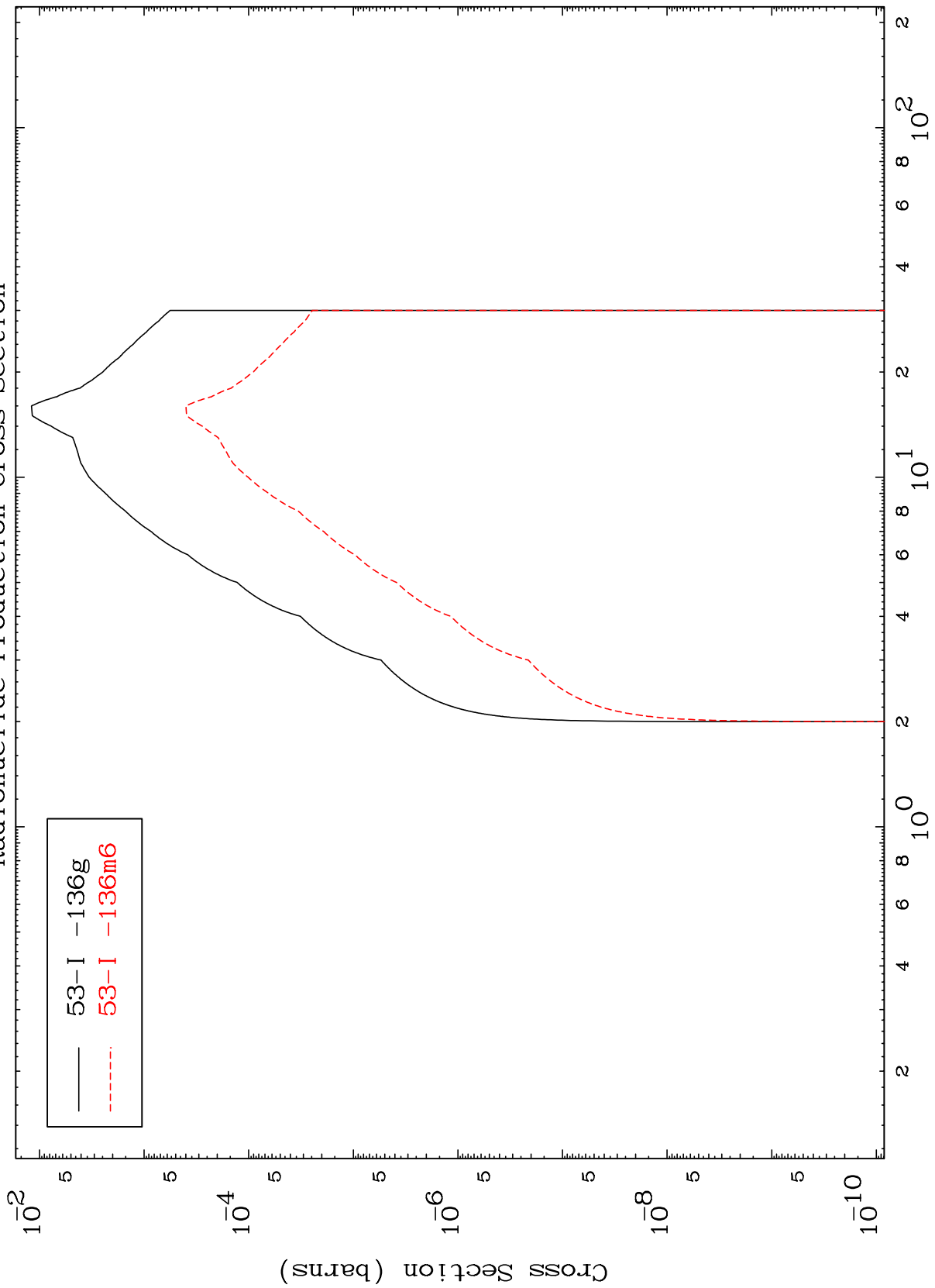
Incident Energy (MeV)

54-Xe-139

MAT 5470

54-Xe-139

Radionuclide Production Cross Section
(p, α)



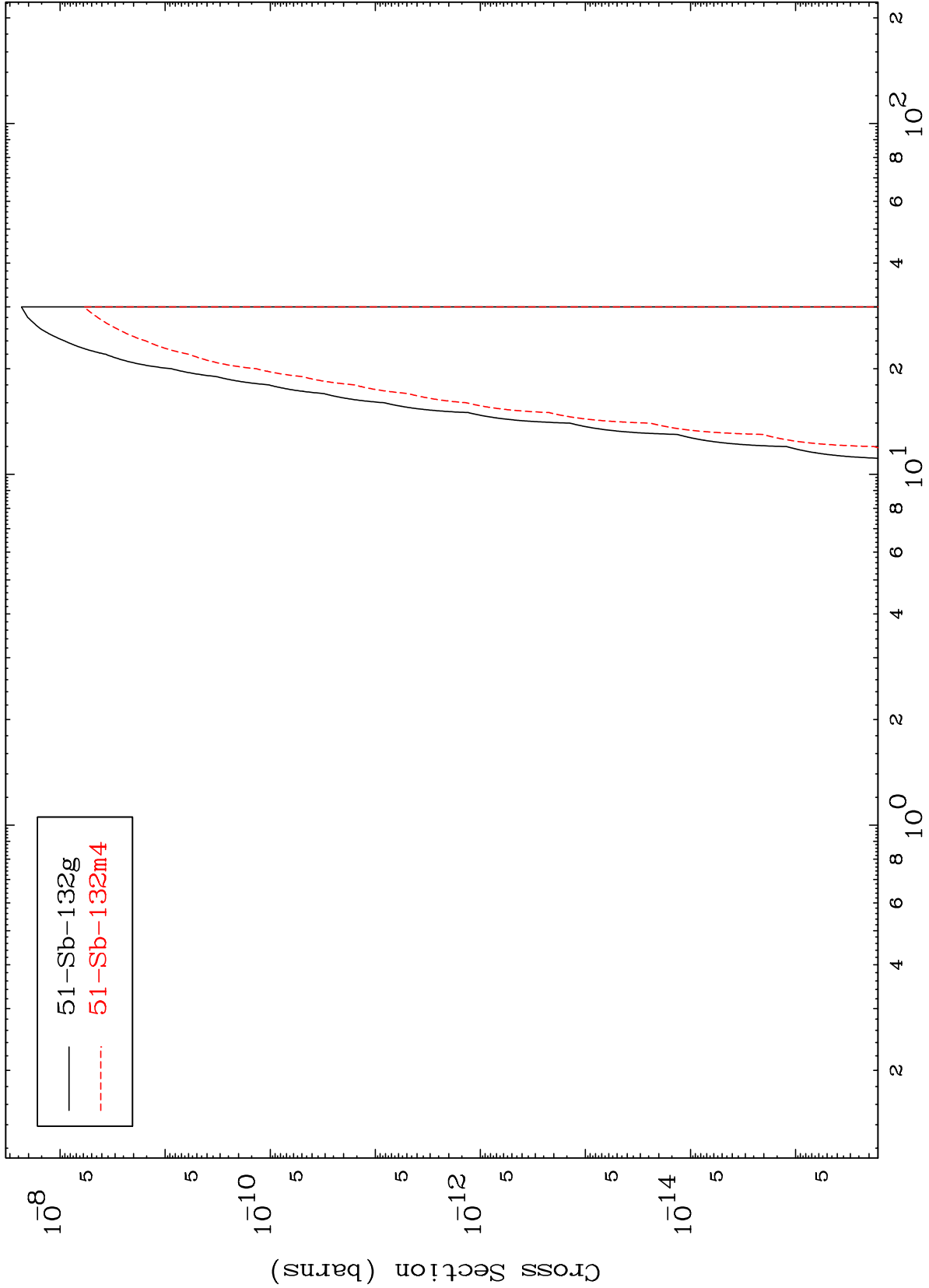
53-I -136g
53-I -136m6

MAT 5470

(p,2 α)

54-Xe-139

Radionuclide Production Cross Section

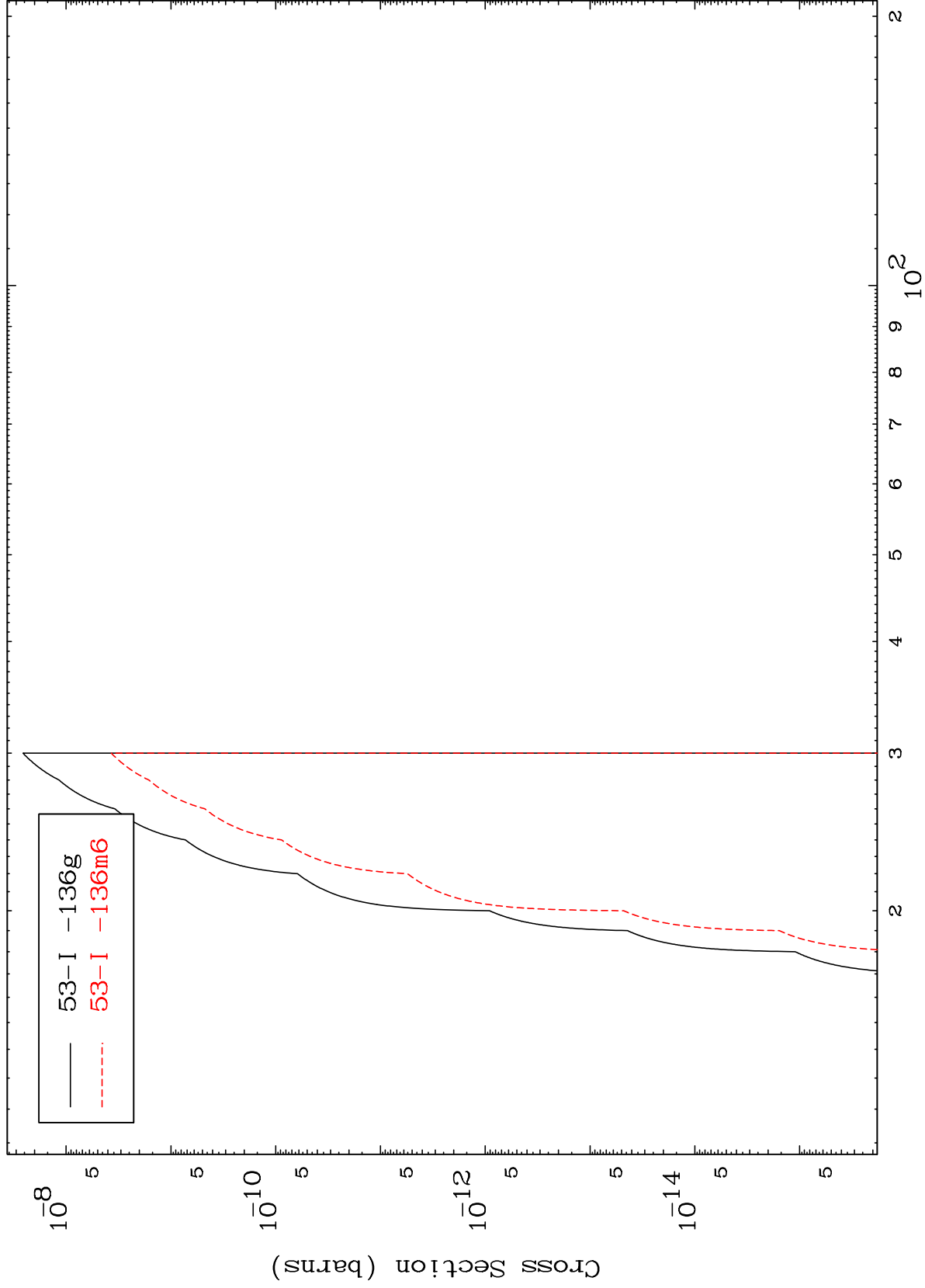


MAT 5470

(p,p) t

54-Xe-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

54-Xe-139