

Program EVALPLOT
(Version 2021-1)

by

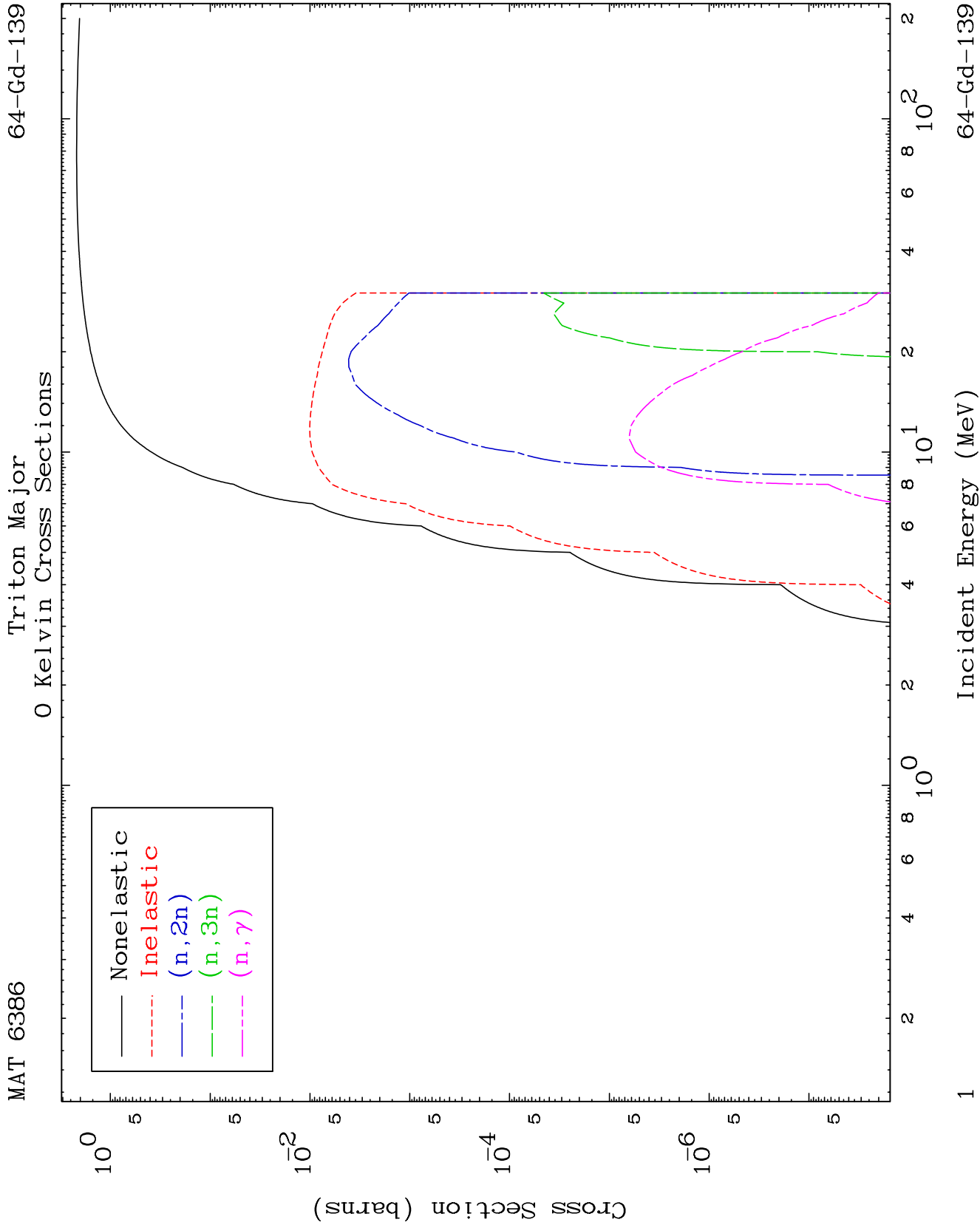
Dermott E. Cullen
(Present Contact Information)

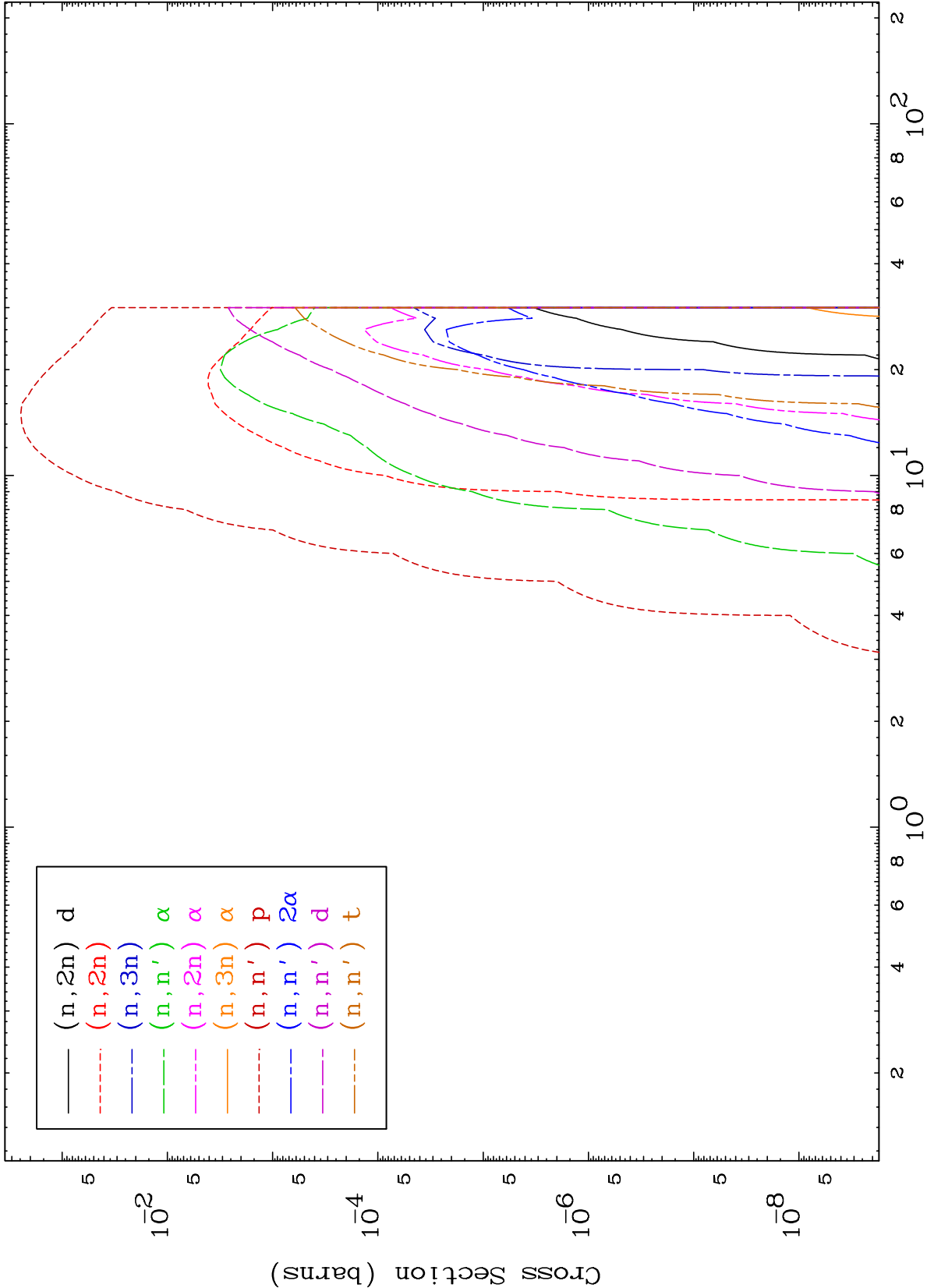
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

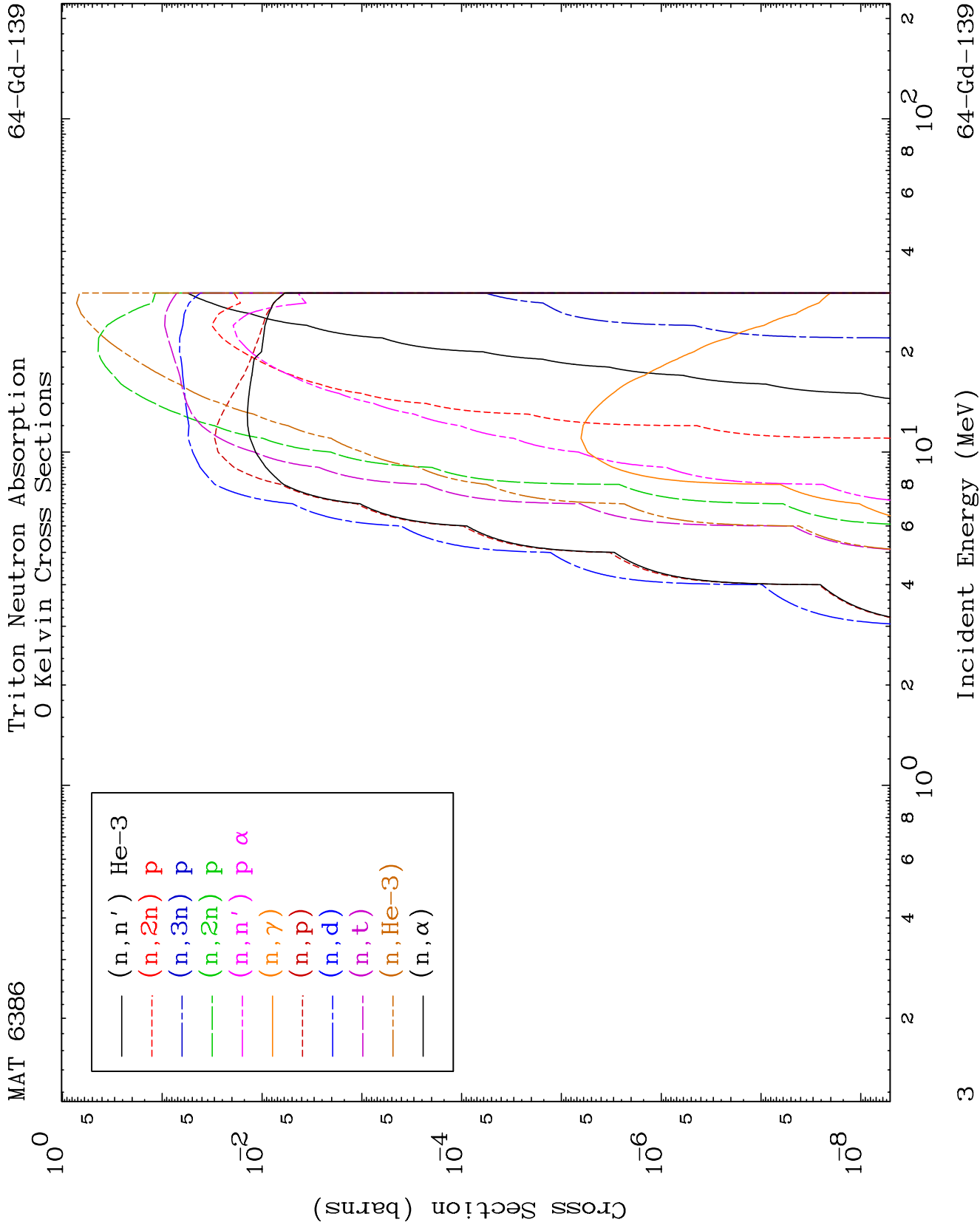
Tele: 925-443-1911

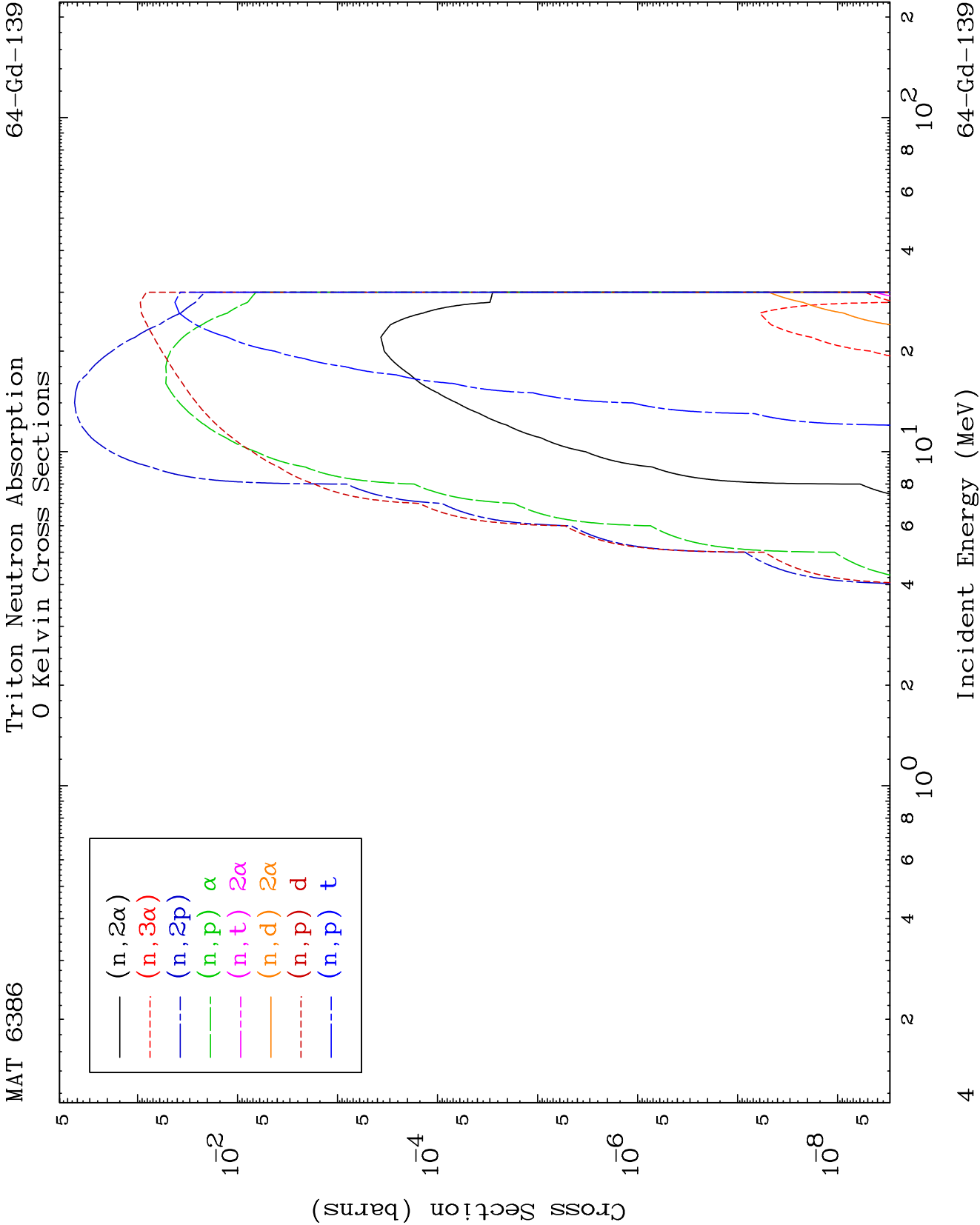
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

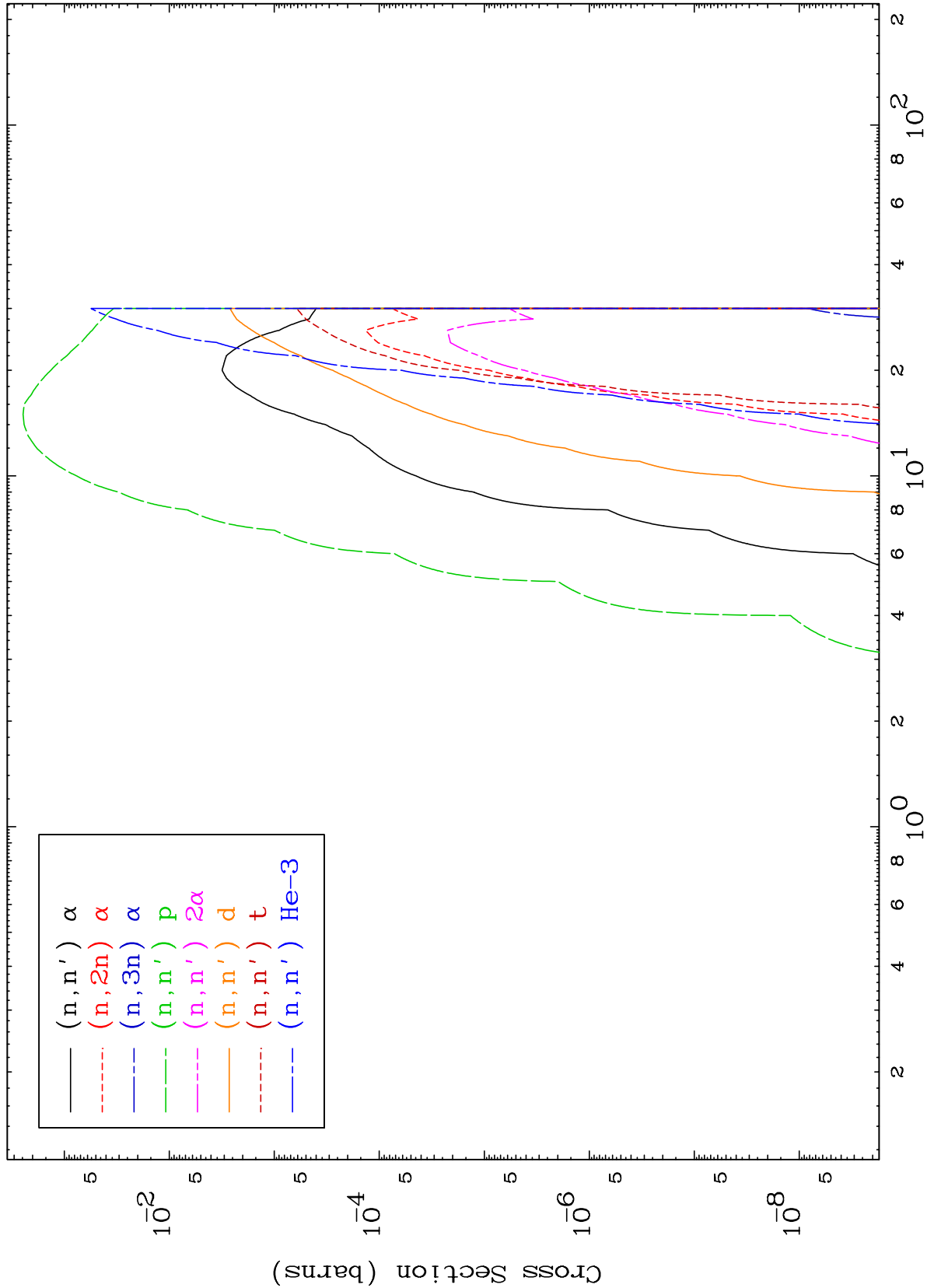
Press Mouse Button to Start

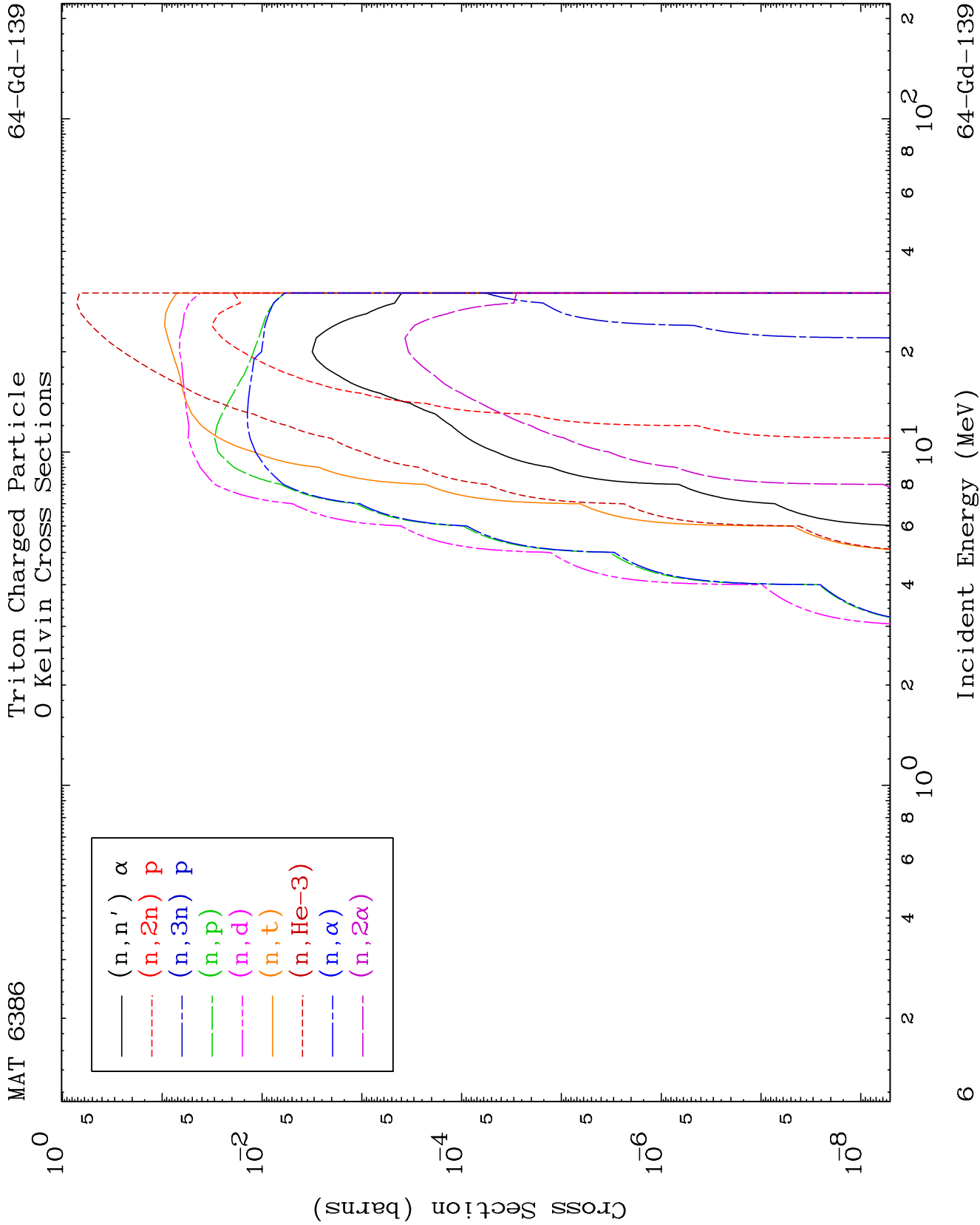


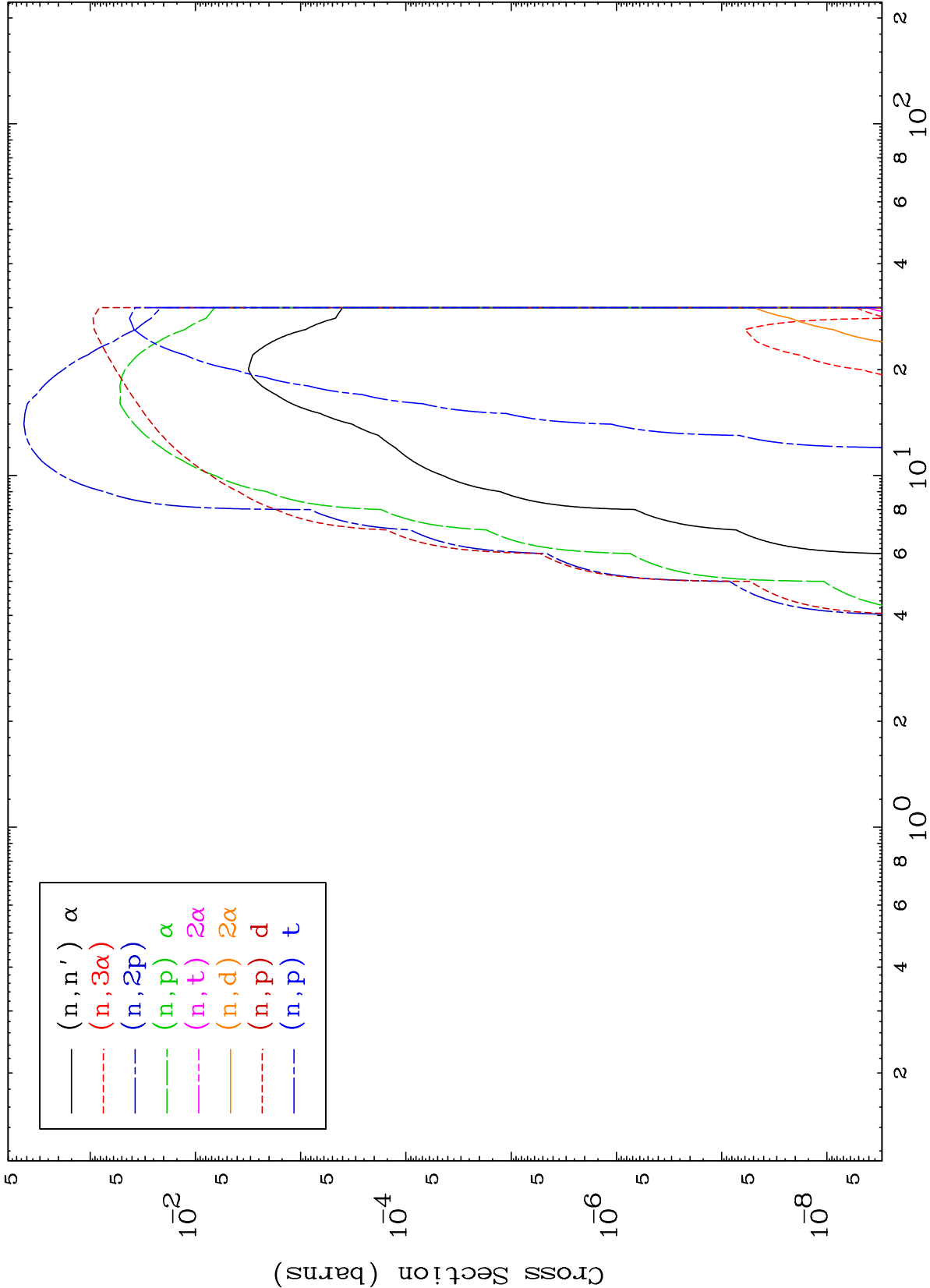








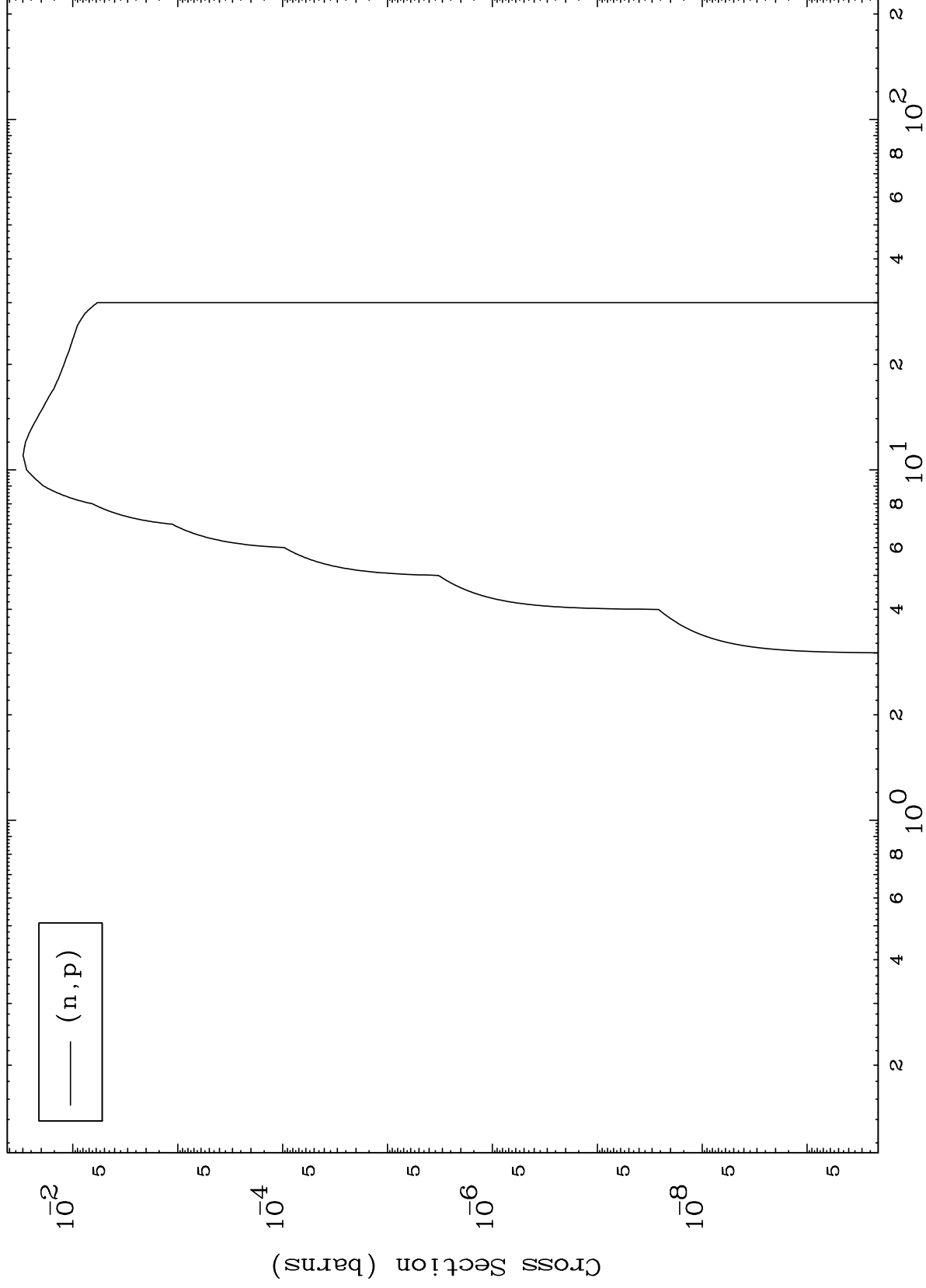




MAT 6386

64-Gd-139

(t,p) Levels
0 Kelvin Cross Sections



8

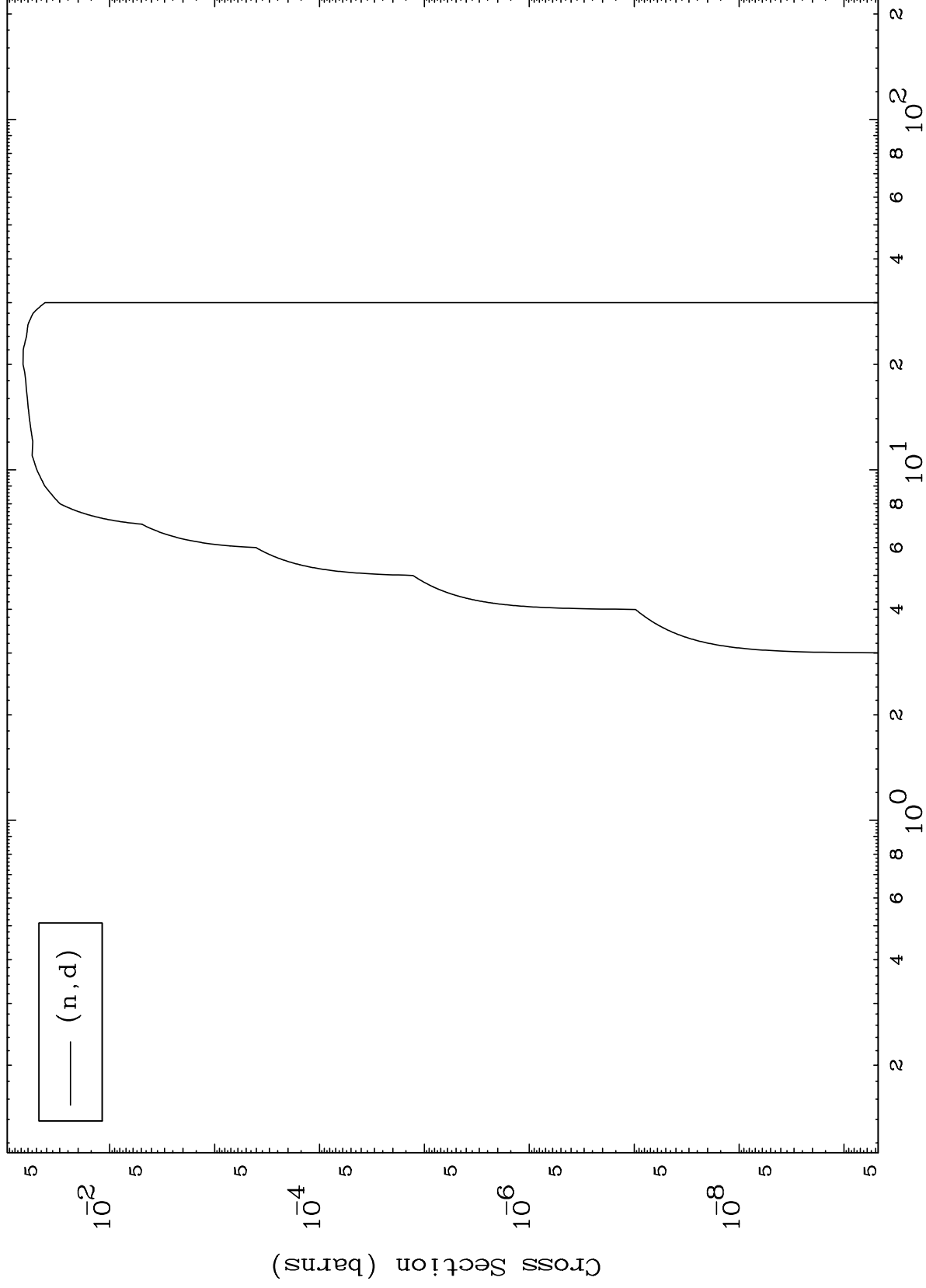
Incident Energy (MeV)

64-Gd-139

MAT 6386

64-Gd-139

(t,d) Levels
0 Kelvin Cross Sections

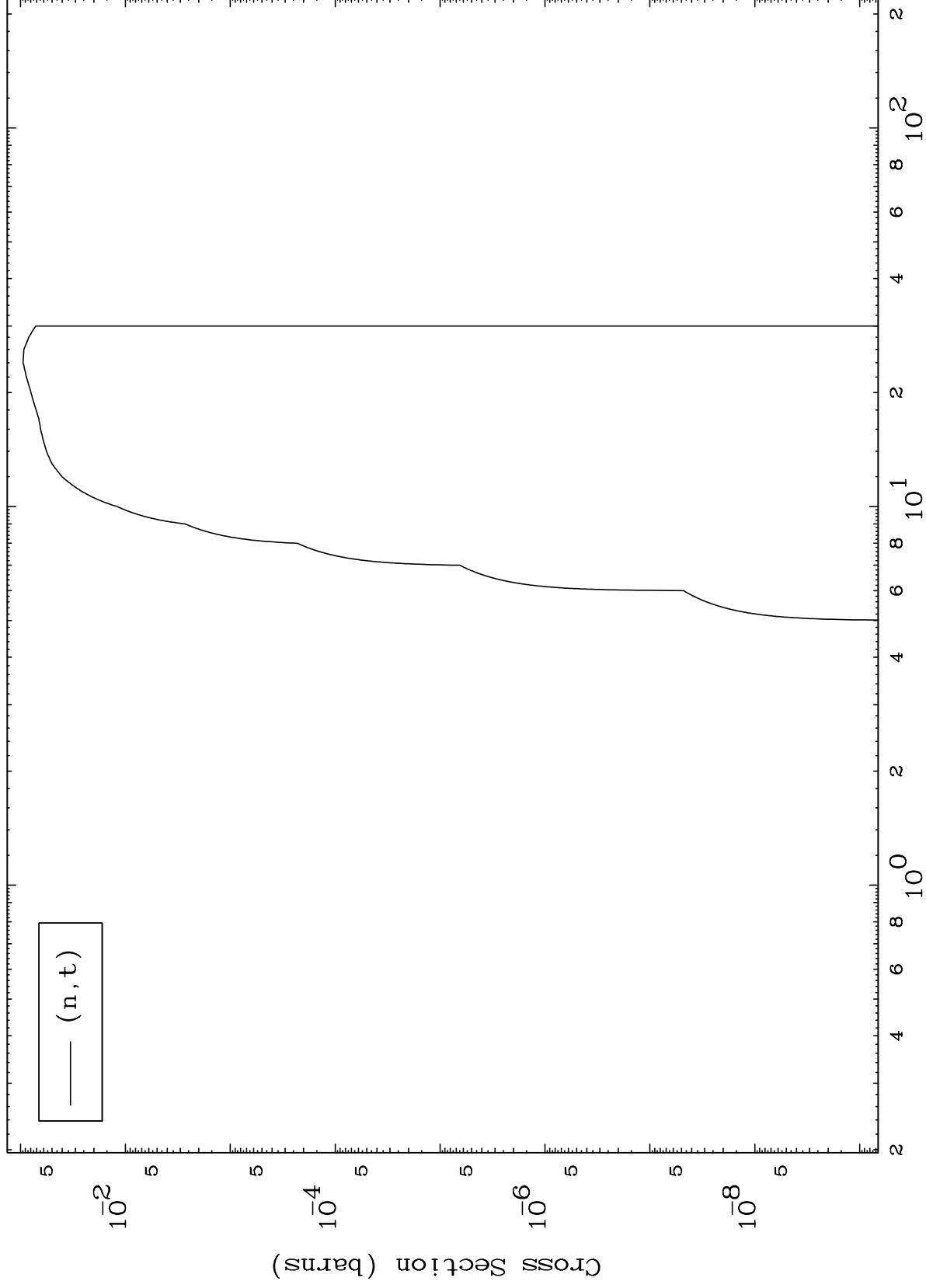


— (n,d)

MAT 6386

64-Gd-139

(t,t) Levels
0 Kelvin Cross Sections

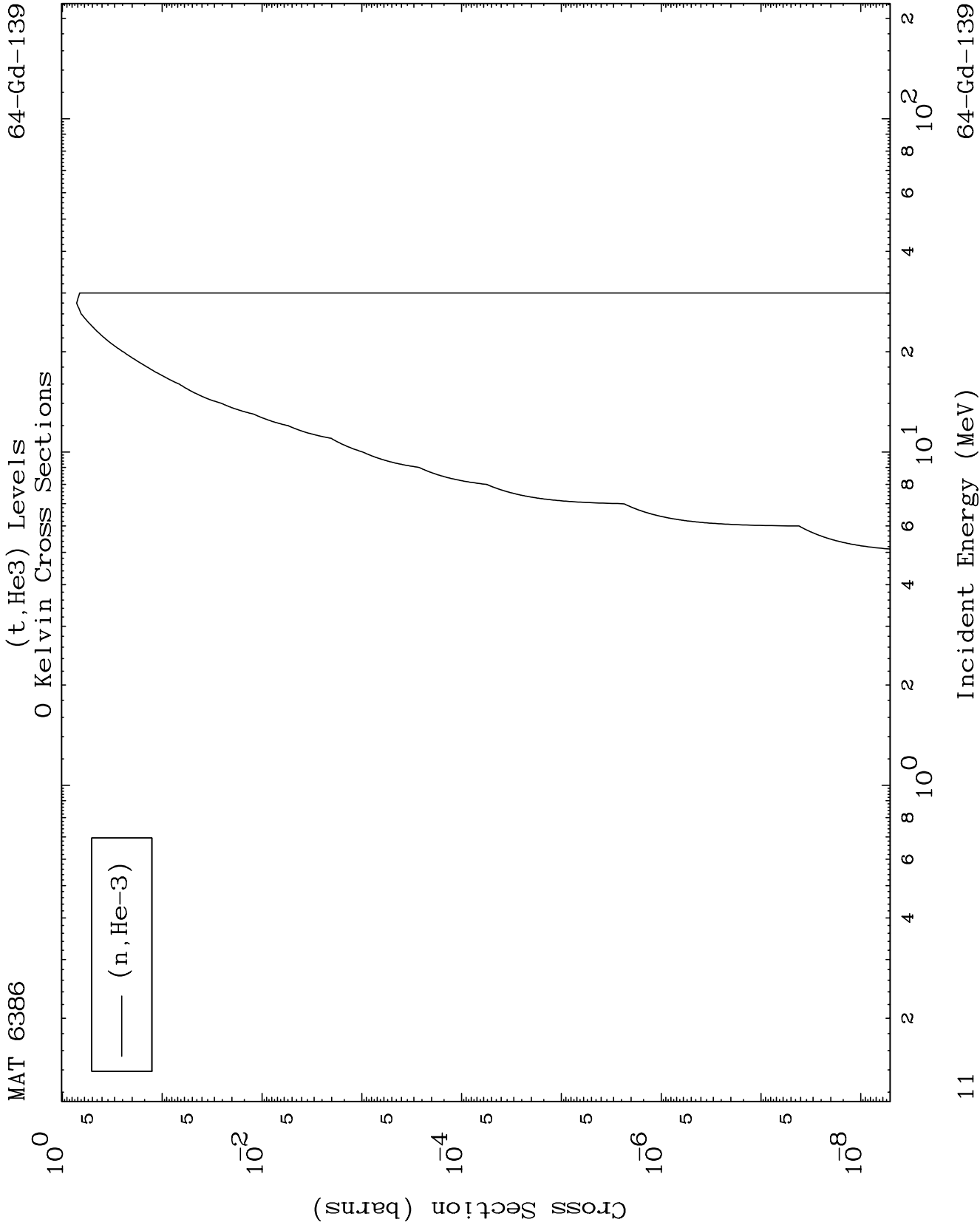


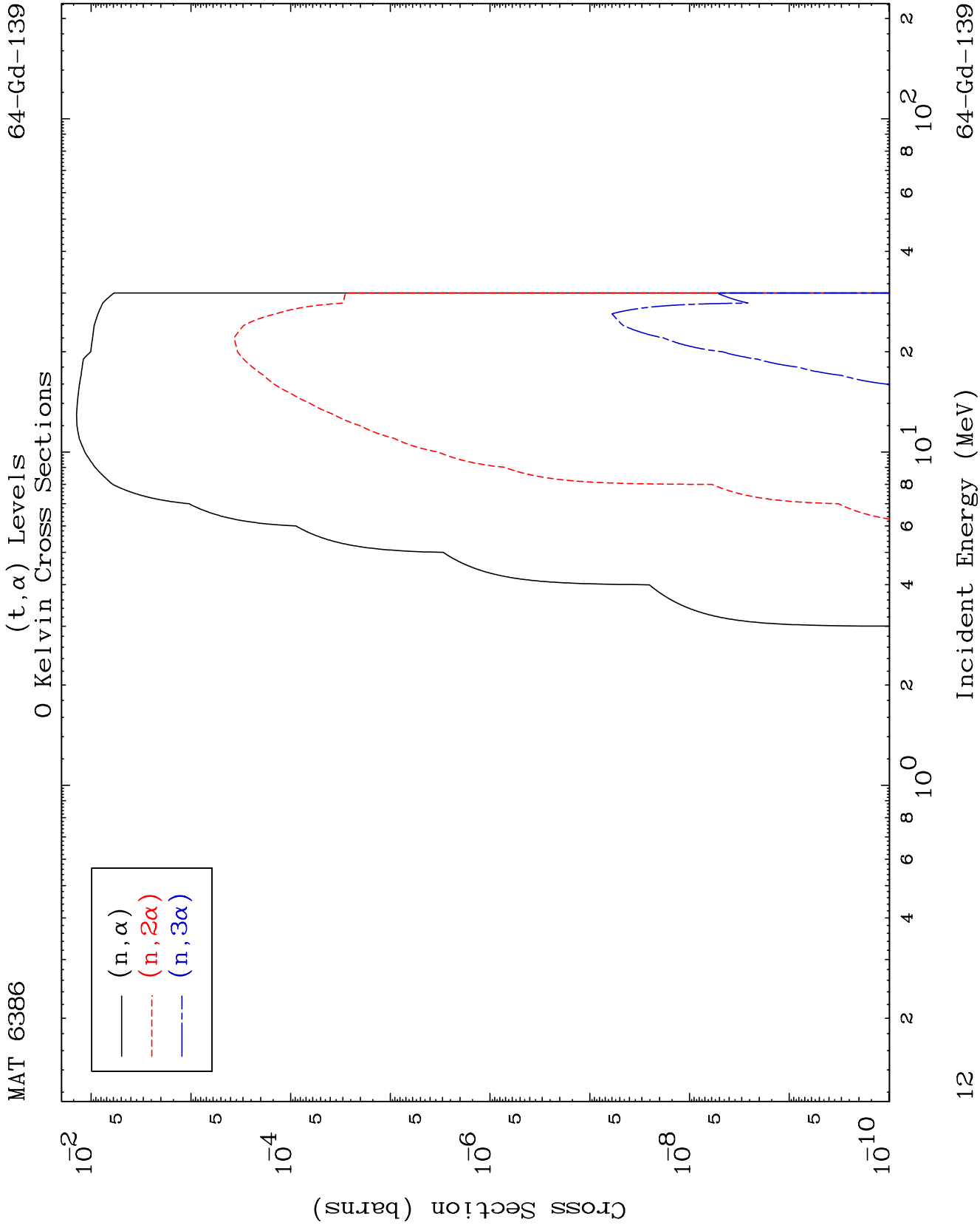
— (n,t)

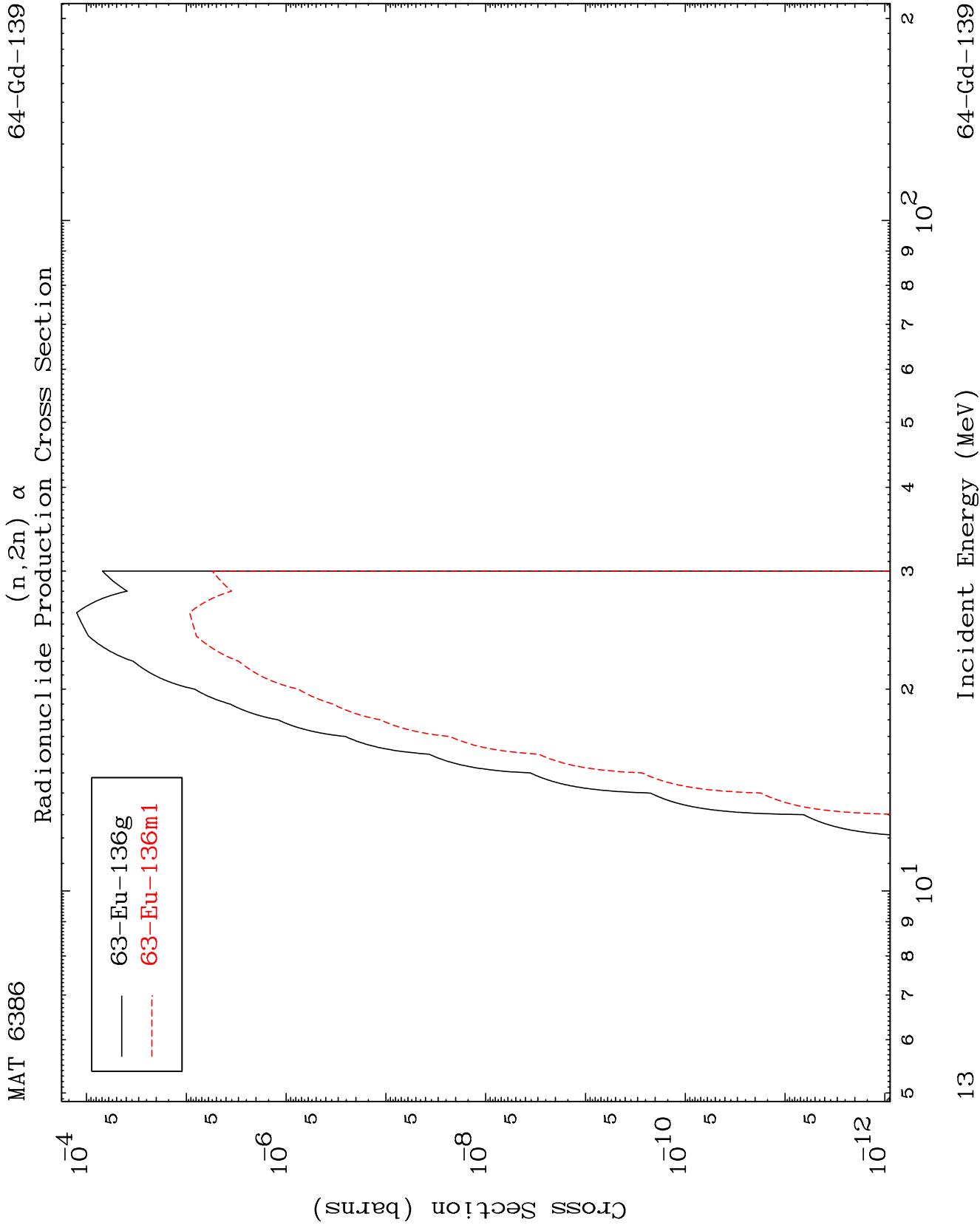
64-Gd-139

Incident Energy (MeV)

10





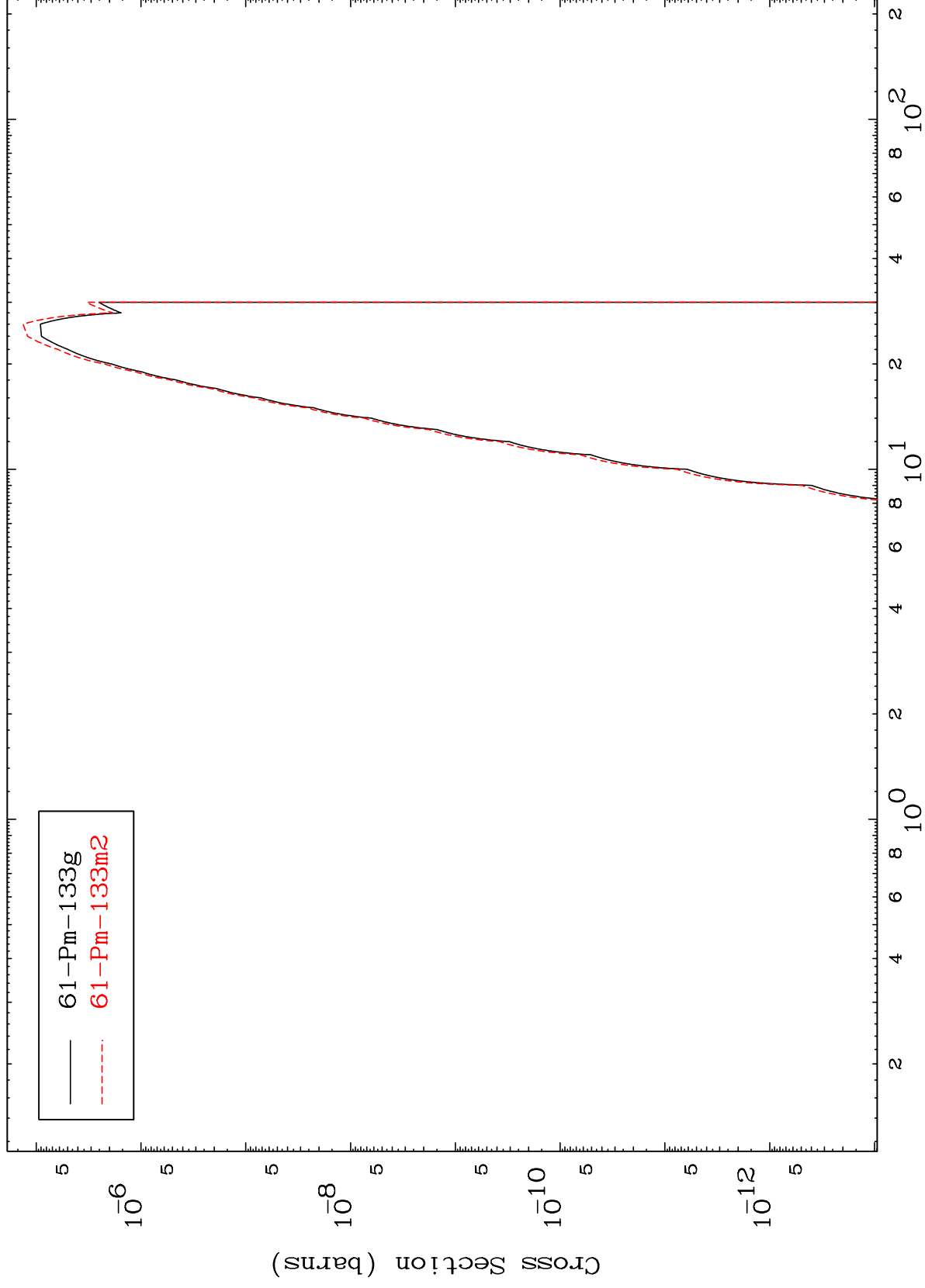


MAT 6386

(n,n') 2 α

64-Gd-139

Radionuclide Production Cross Section

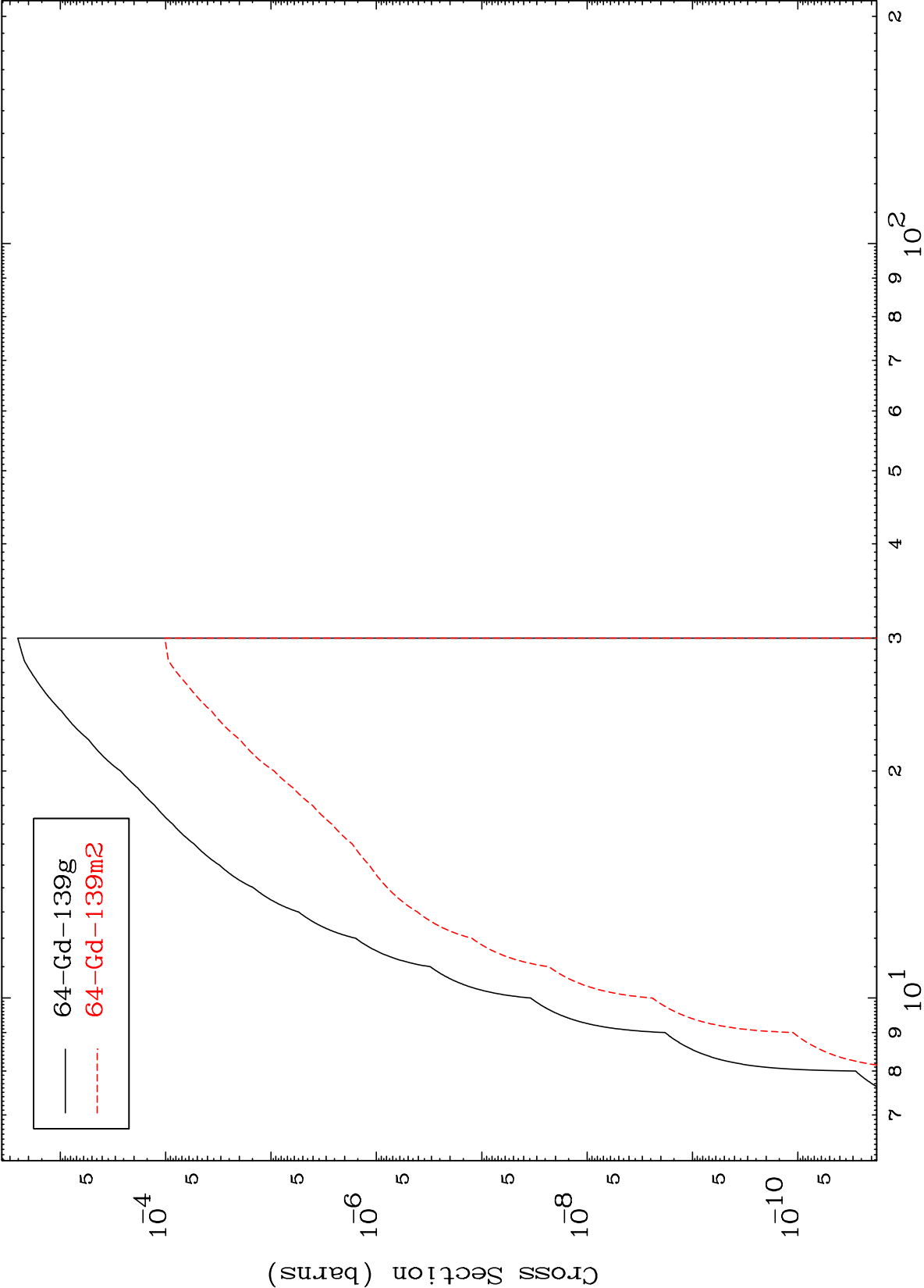


14

Incident Energy (MeV)

64-Gd-139

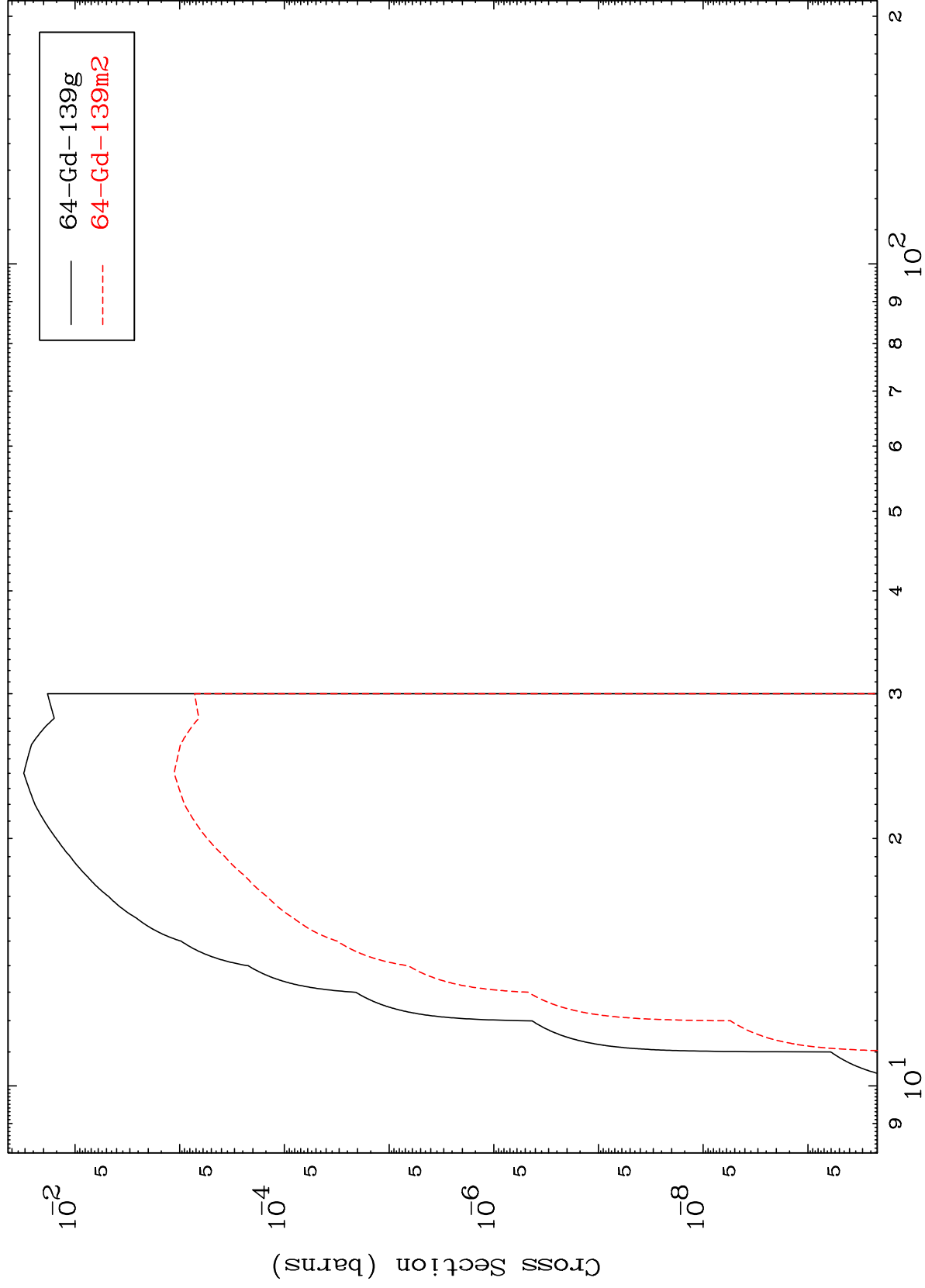
Radionuclide Production Cross Section



MAT 6386

64-Gd-139

(n,2n) p
Radionuclide Production Cross Section



64-Gd-139

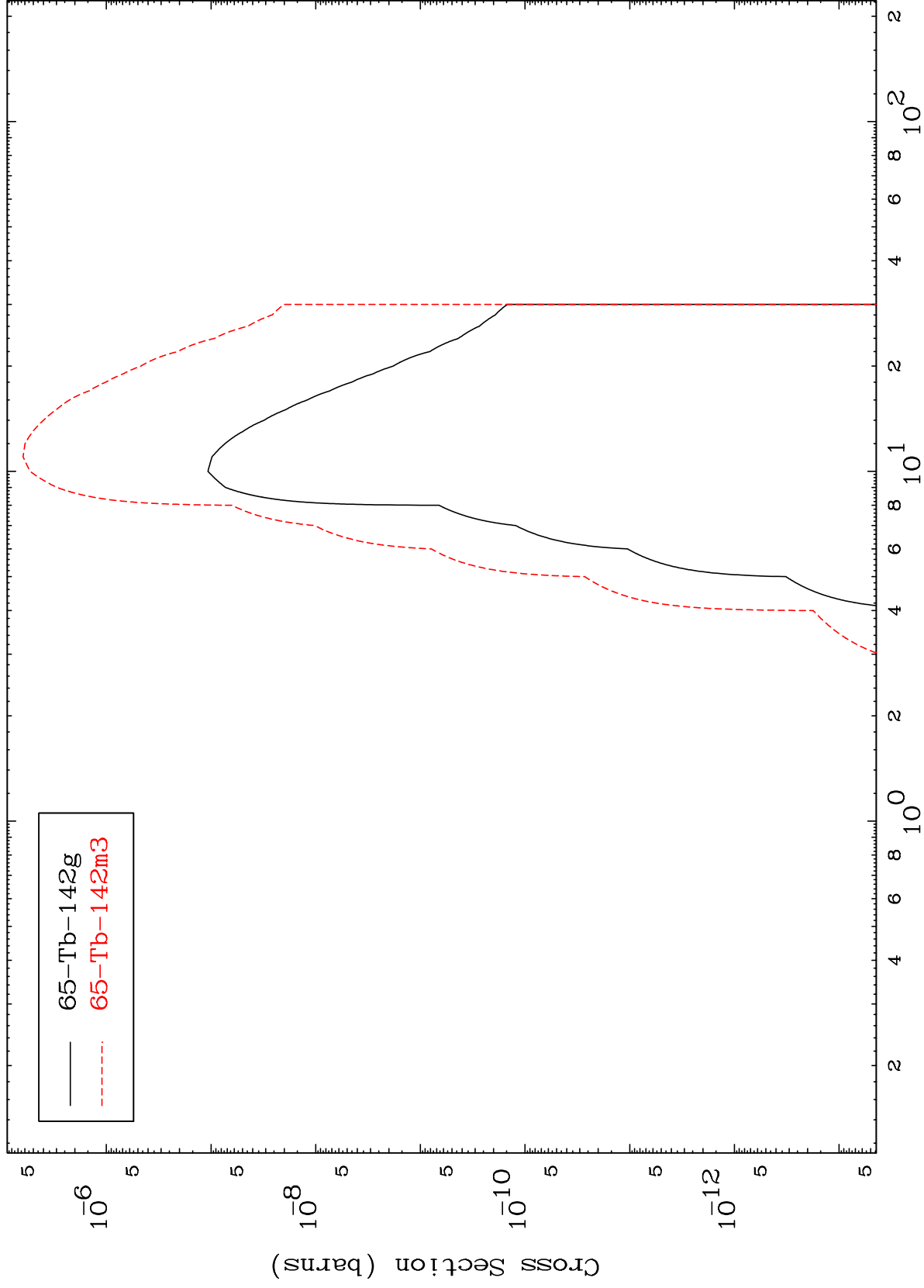
Incident Energy (MeV)

16

MAT 6386

64-Gd-139

Radionuclide Production Cross Section
(n, γ)



17

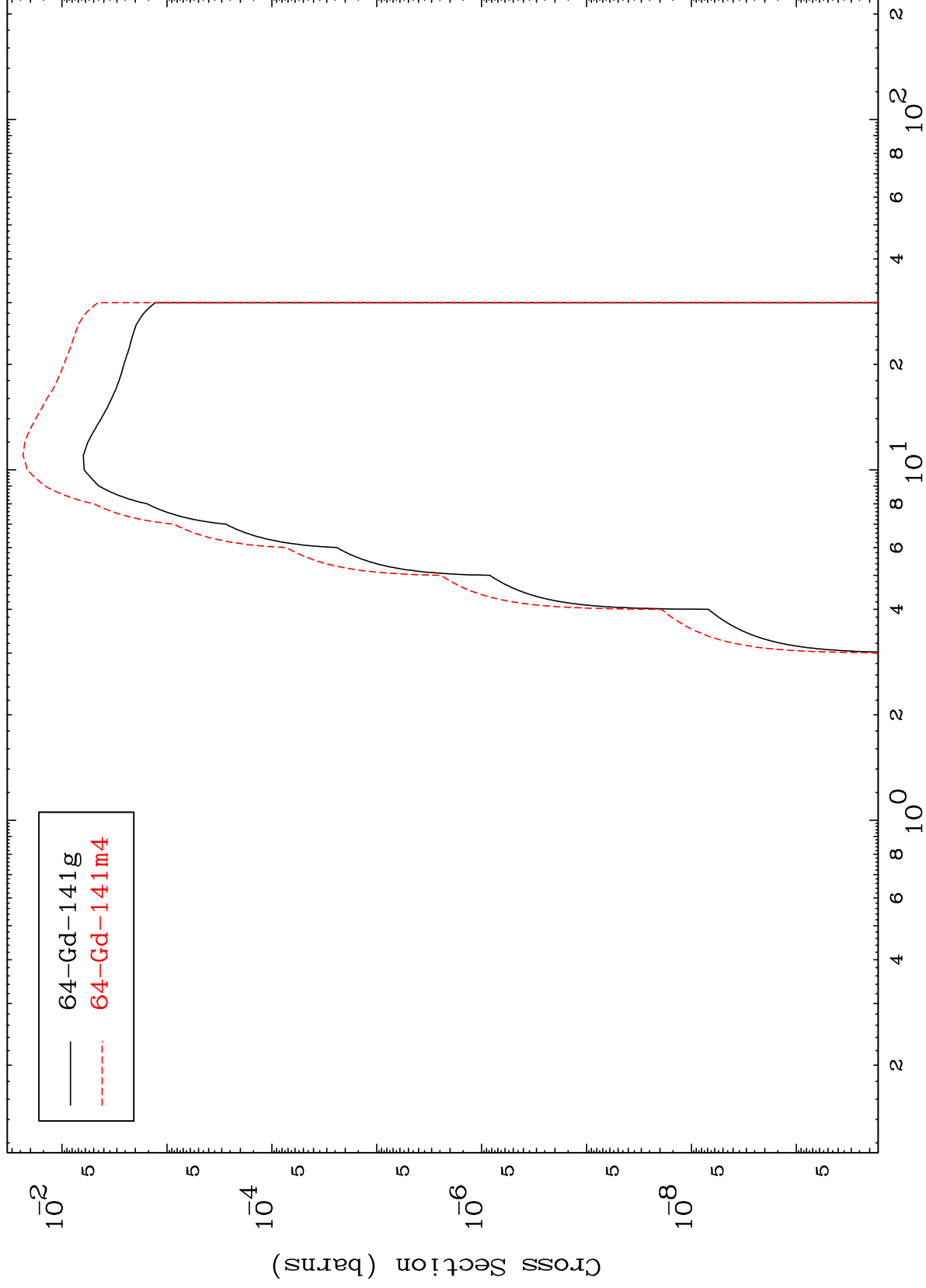
Incident Energy (MeV)

64-Gd-139

MAT 6386

64-Gd-139

(n,p)
Radionuclide Production Cross Section



18

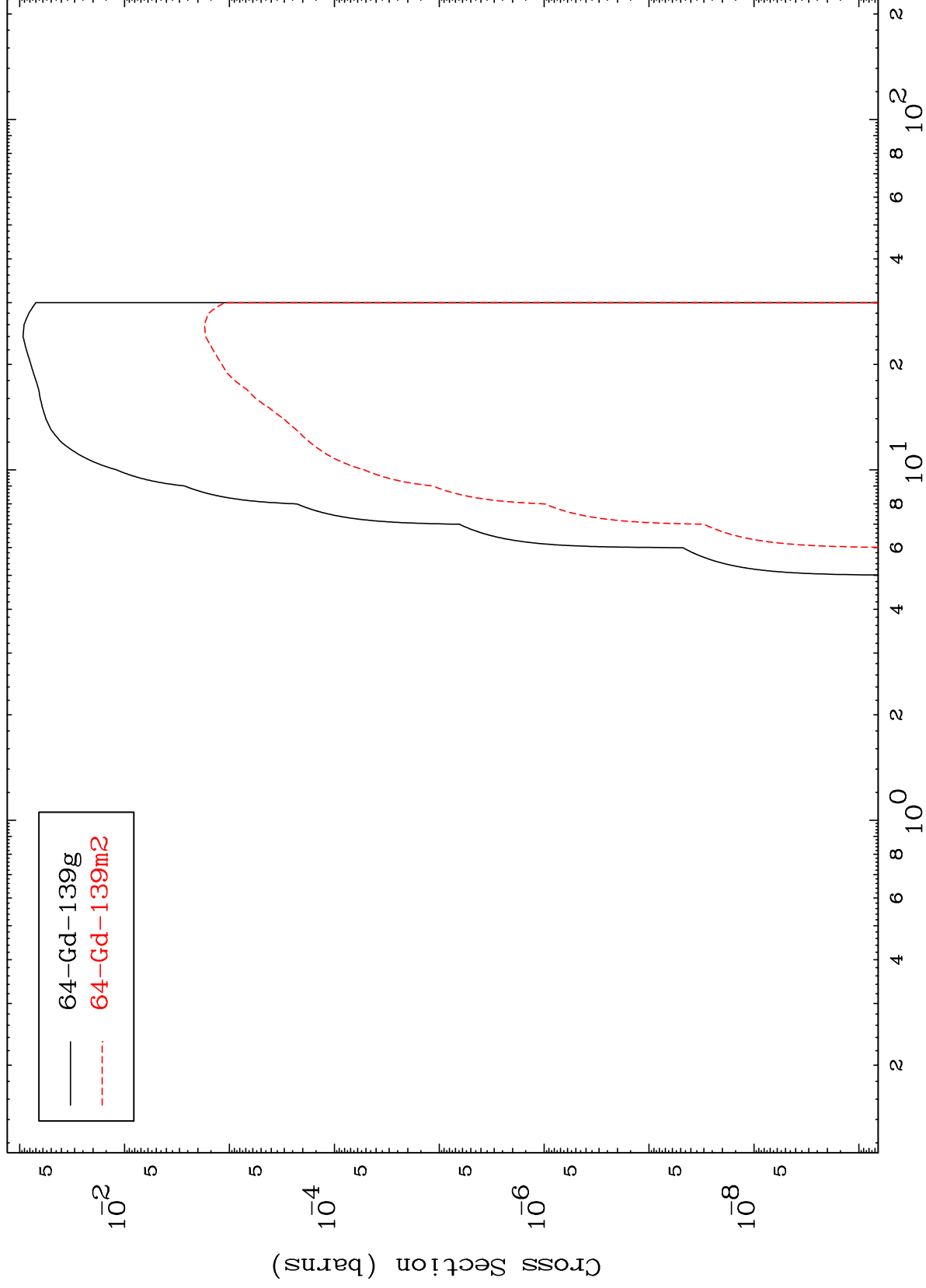
Incident Energy (MeV)

64-Gd-139

MAT 6386

64-Gd-139

Radionuclide Production Cross Section
(n,t)



19

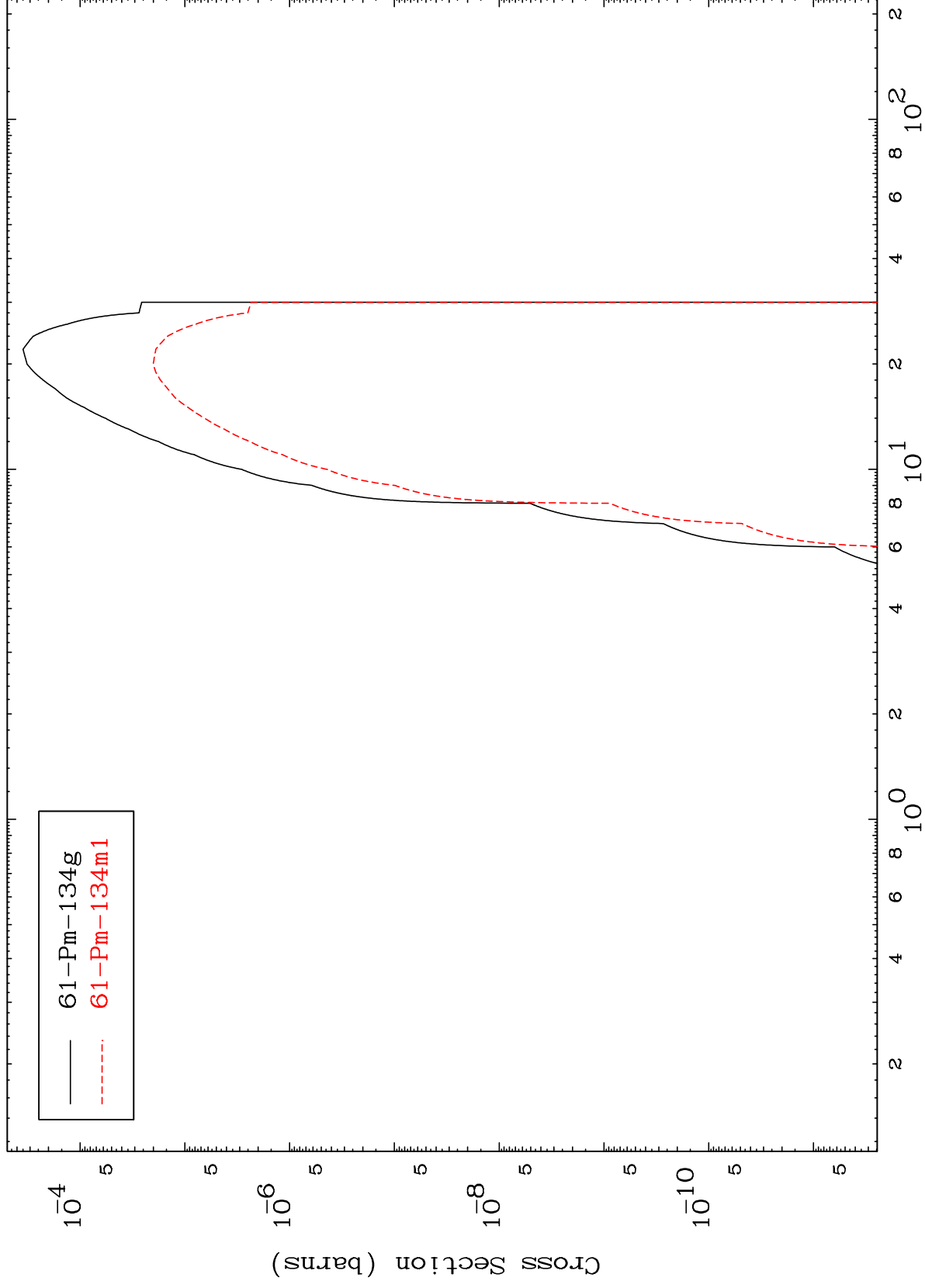
Incident Energy (MeV)

64-Gd-139

MAT 6386

64-Gd-139

Radionuclide Production Cross Section
(n,2 α)



20

Incident Energy (MeV)

64-Gd-139