

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

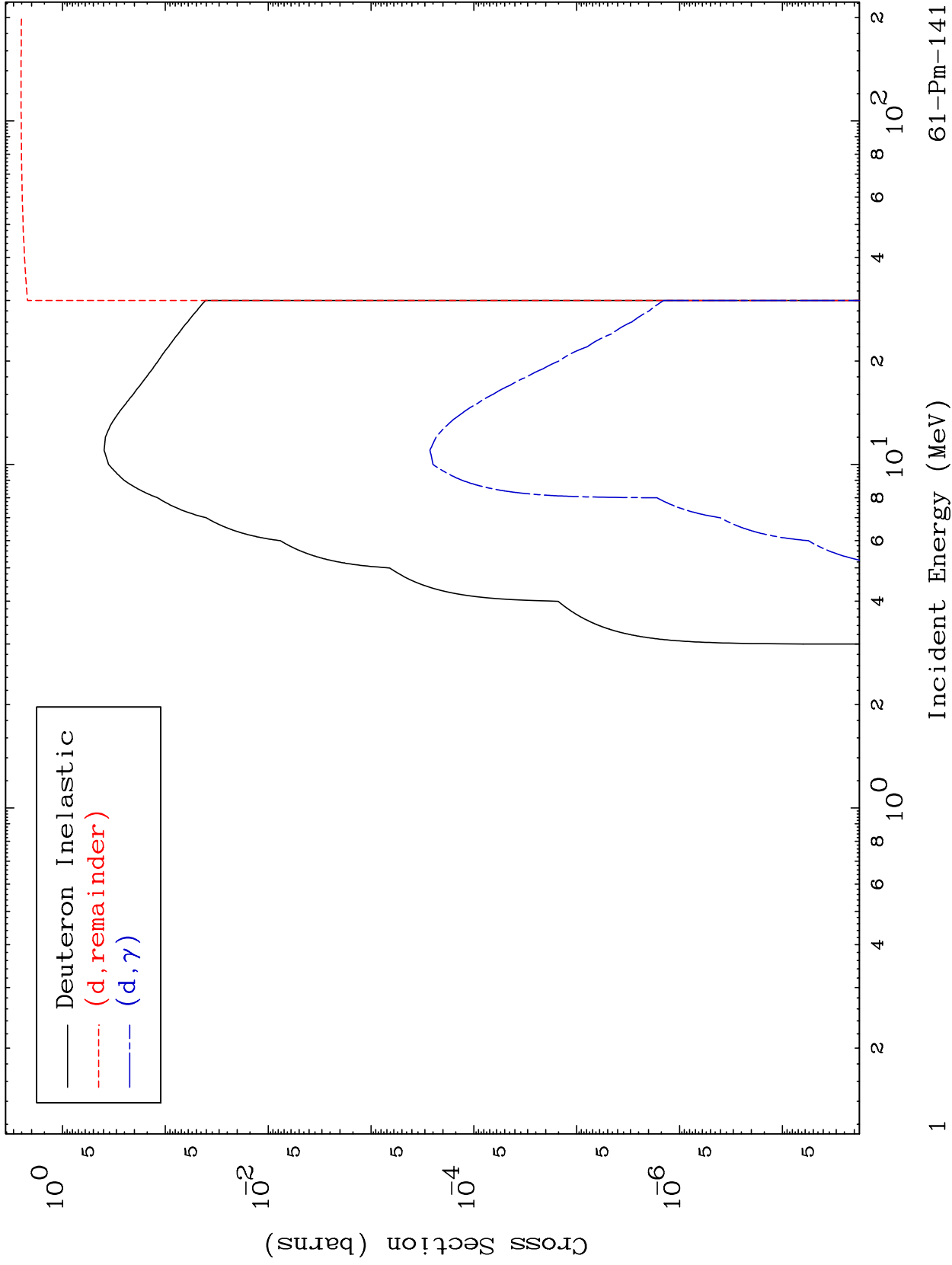
Web:redcullen1.net/HOMEPAGE.NEW

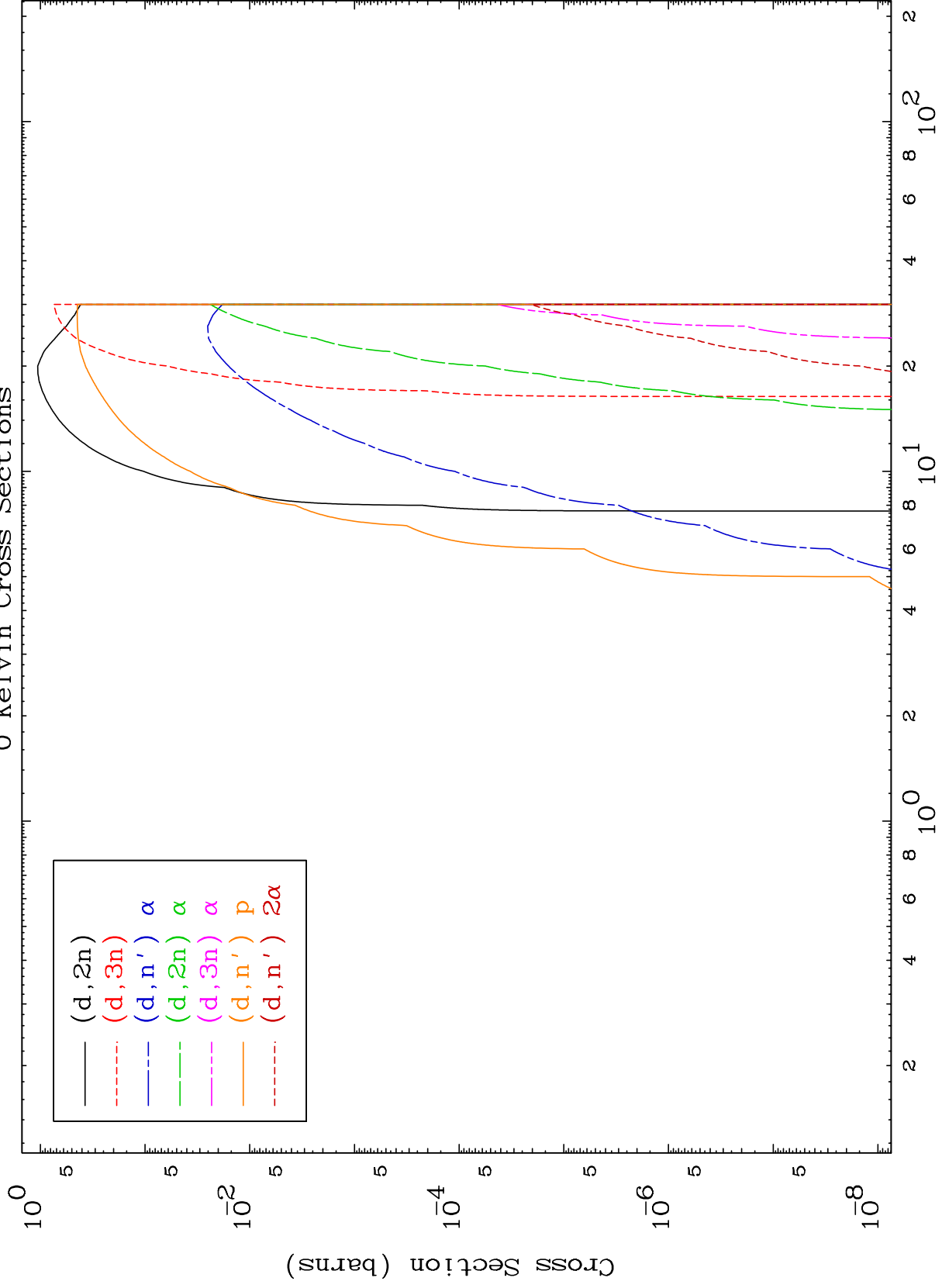
Press Mouse Button to Start

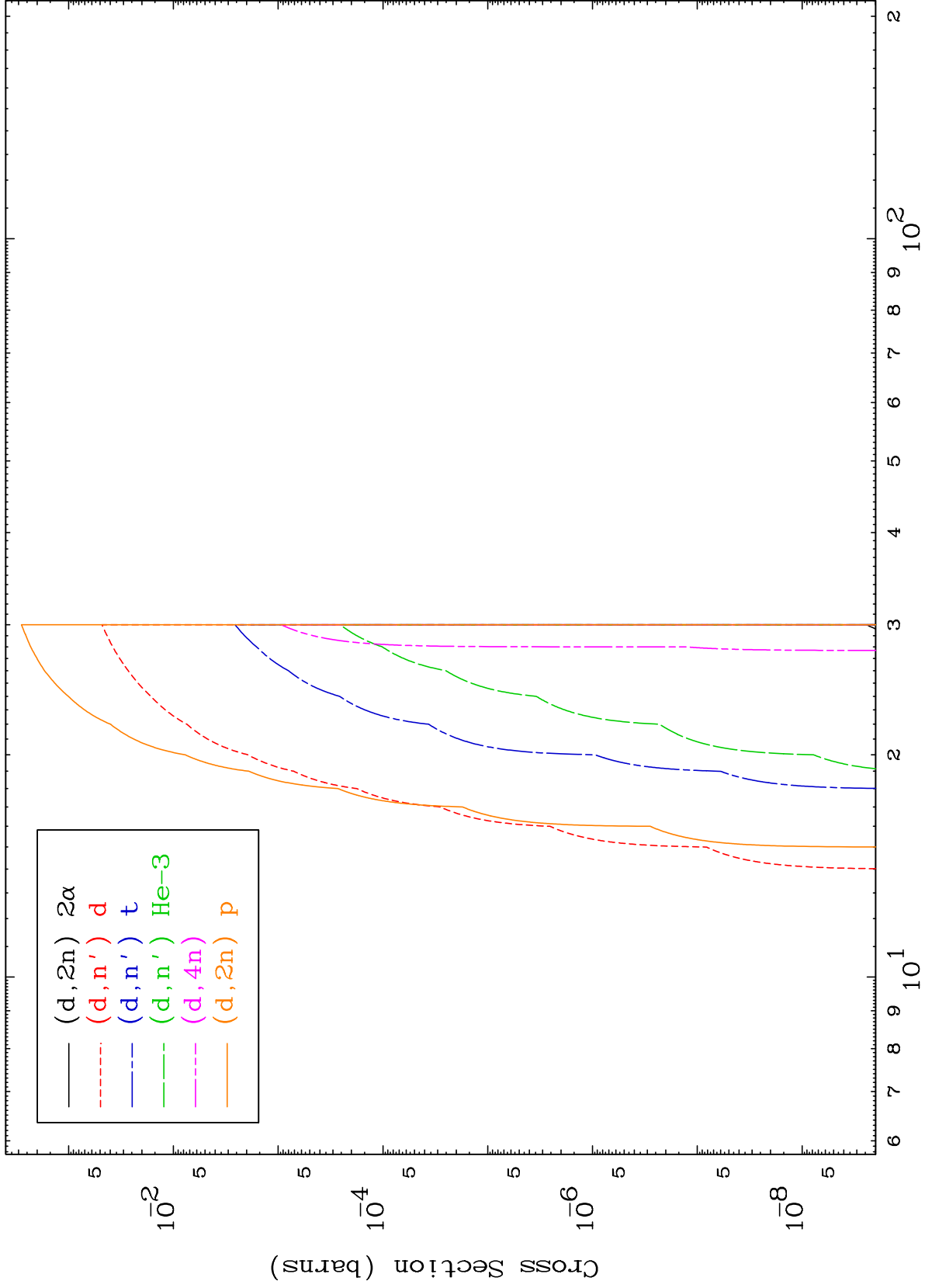
MAT 6131

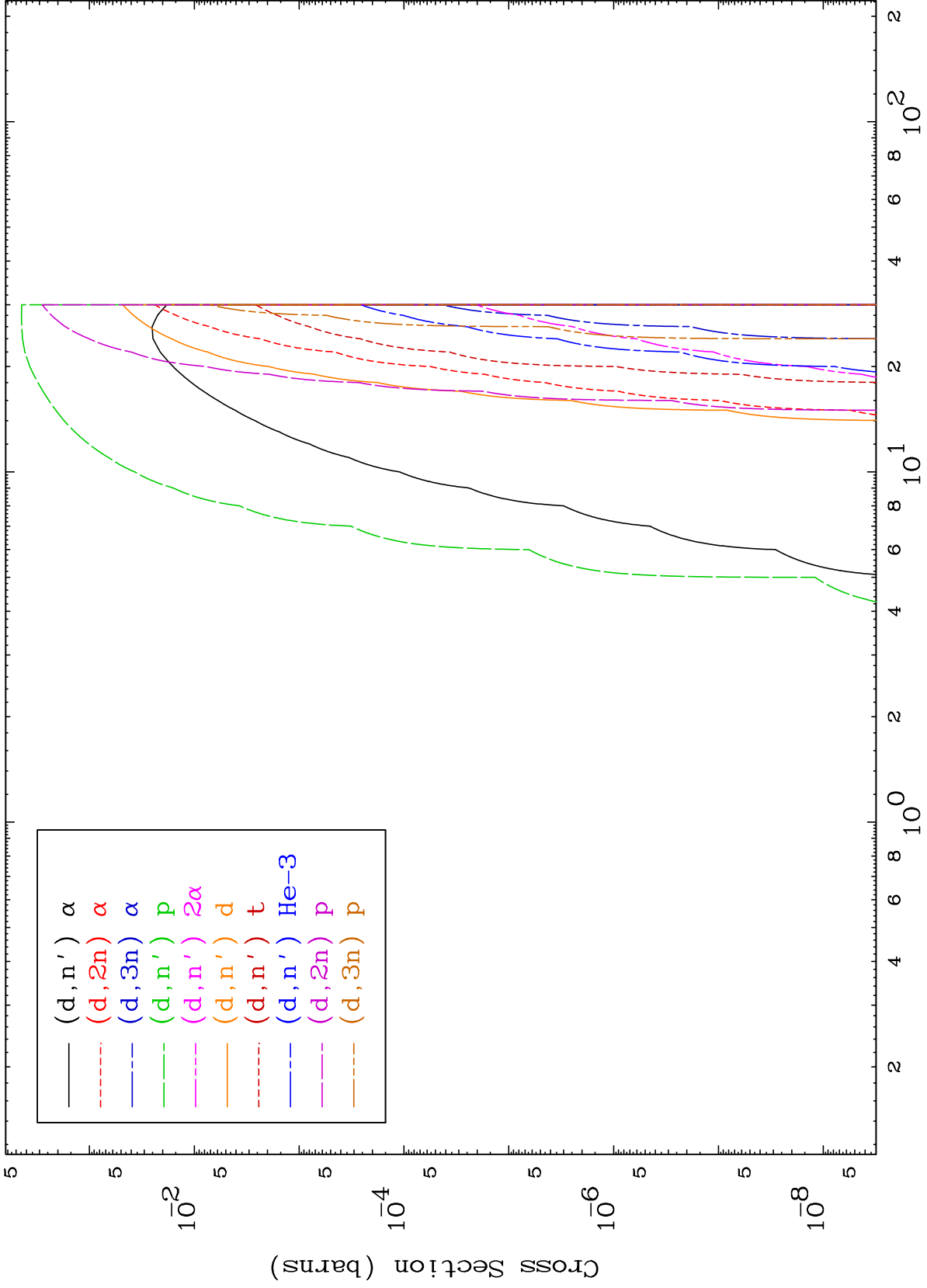
Deuteron Major
0 Kelvin Cross Sections

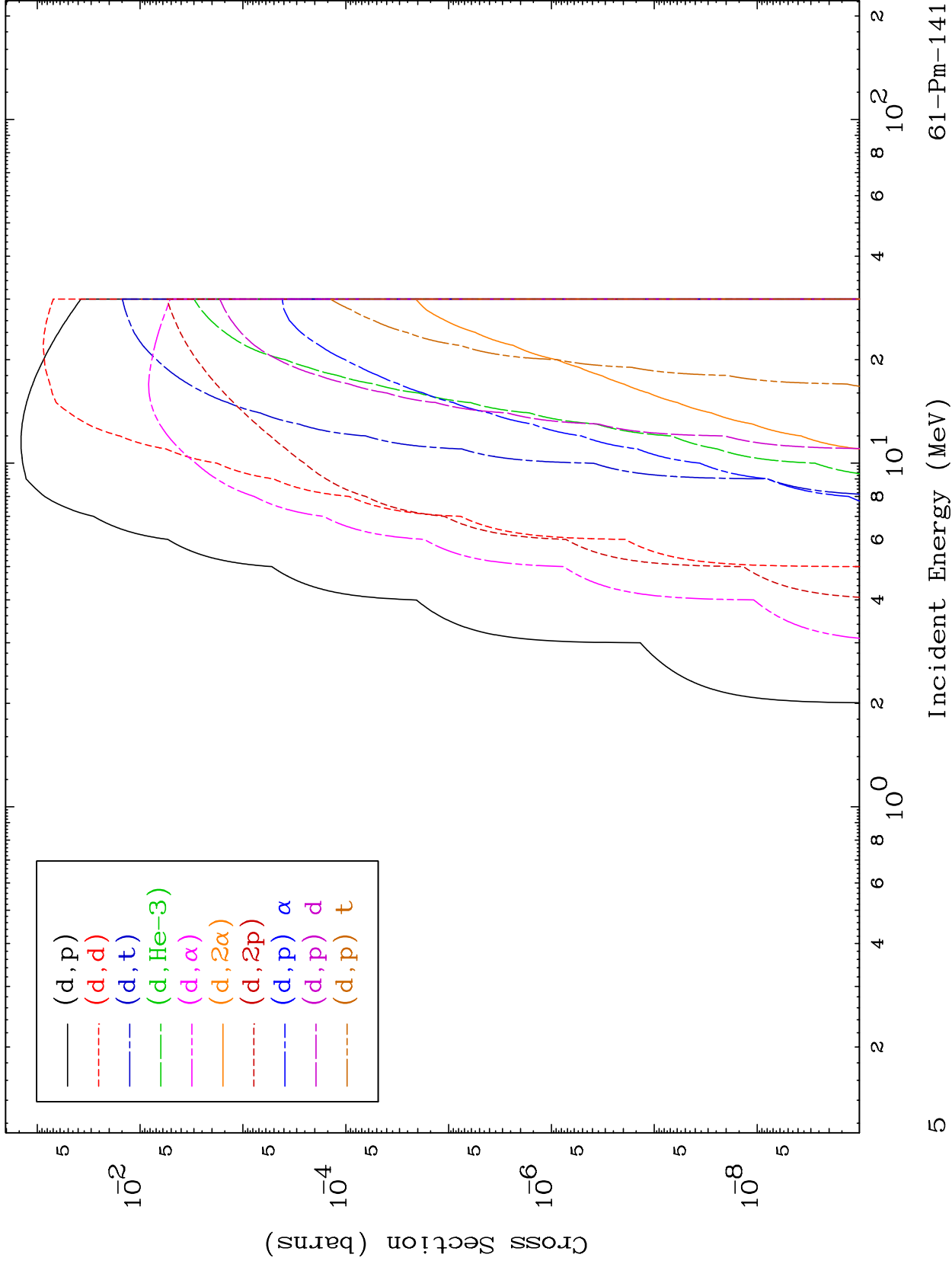
61-Pm-141









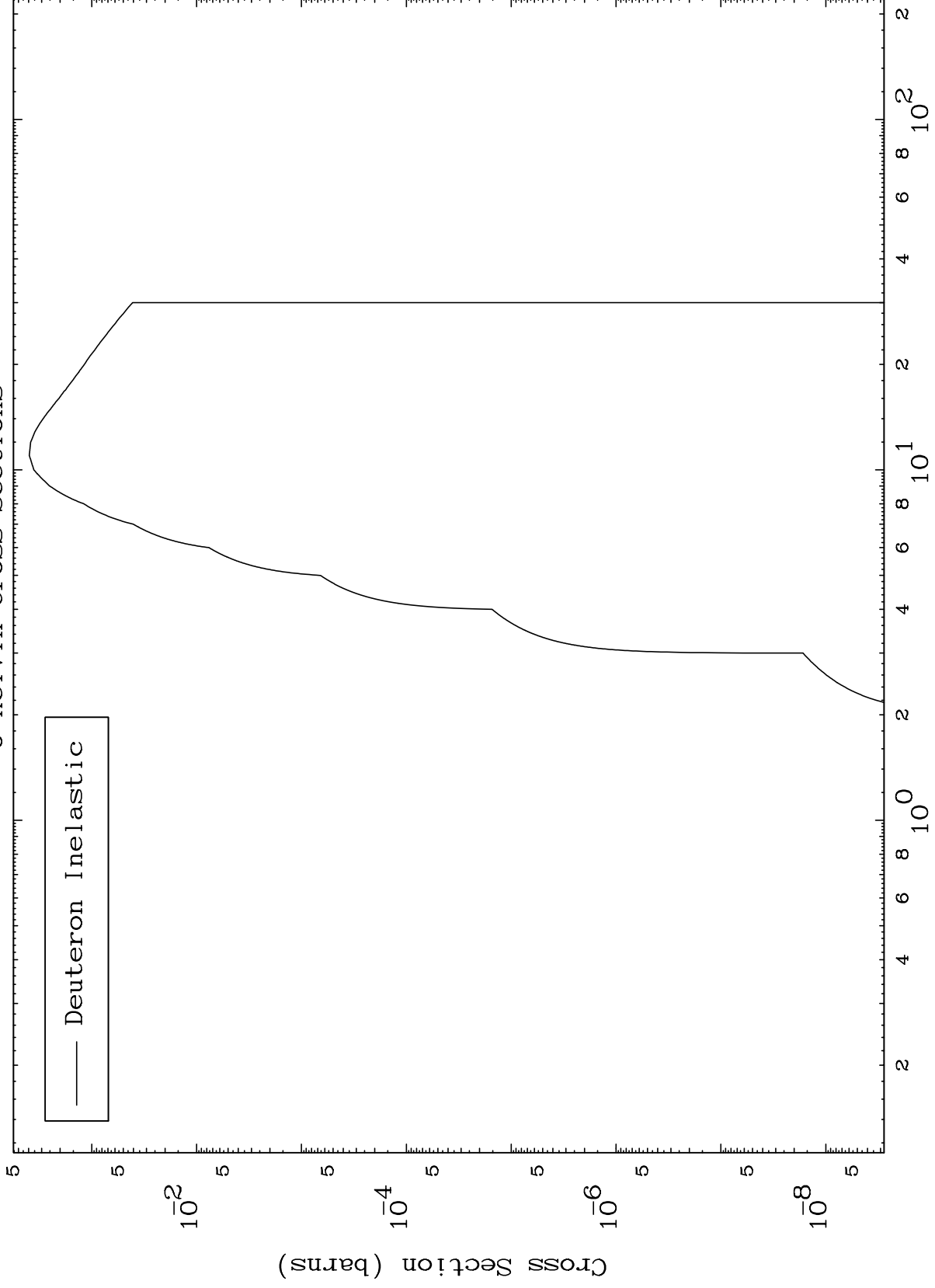


MAT 6131

(d,n') Level

61-Pm-141

0 Kelvin Cross Sections



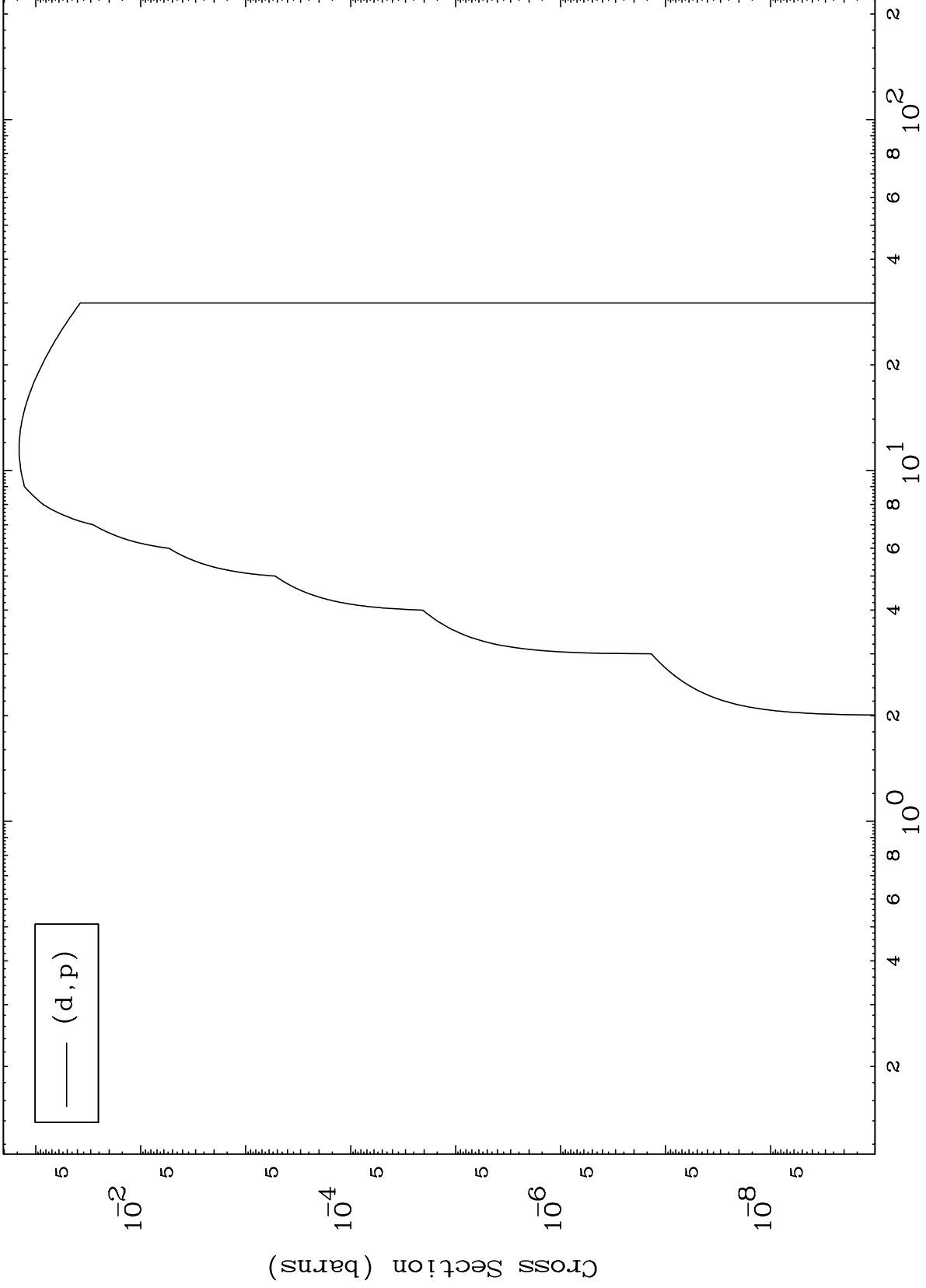
— Deuteron Inelastic

MAT 6131

(d,p) Levels

61-Pm-141

0 Kelvin Cross Sections

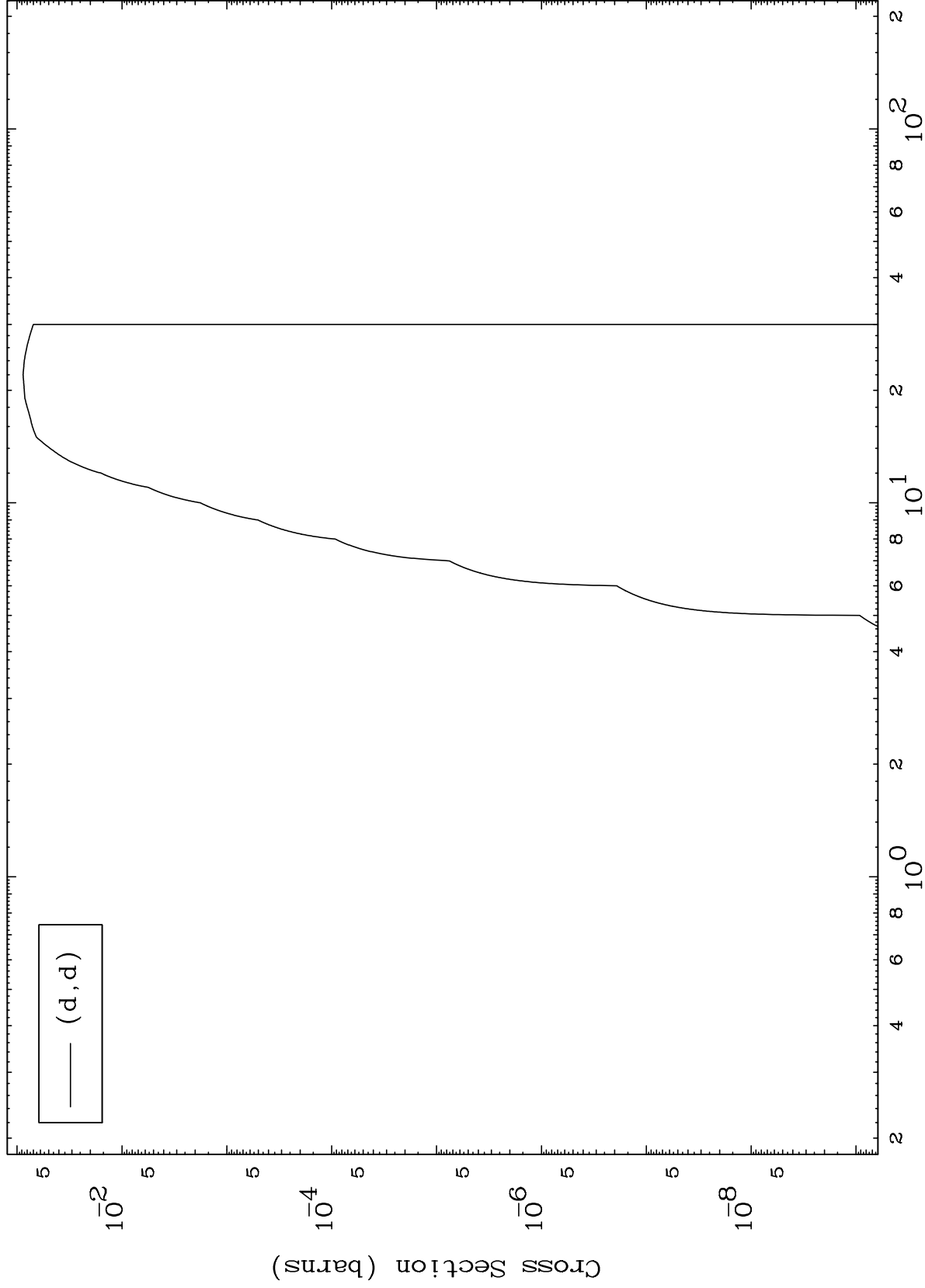


MAT 6131

(d,d) Levels

61-Pm-141

0 Kelvin Cross Sections



8

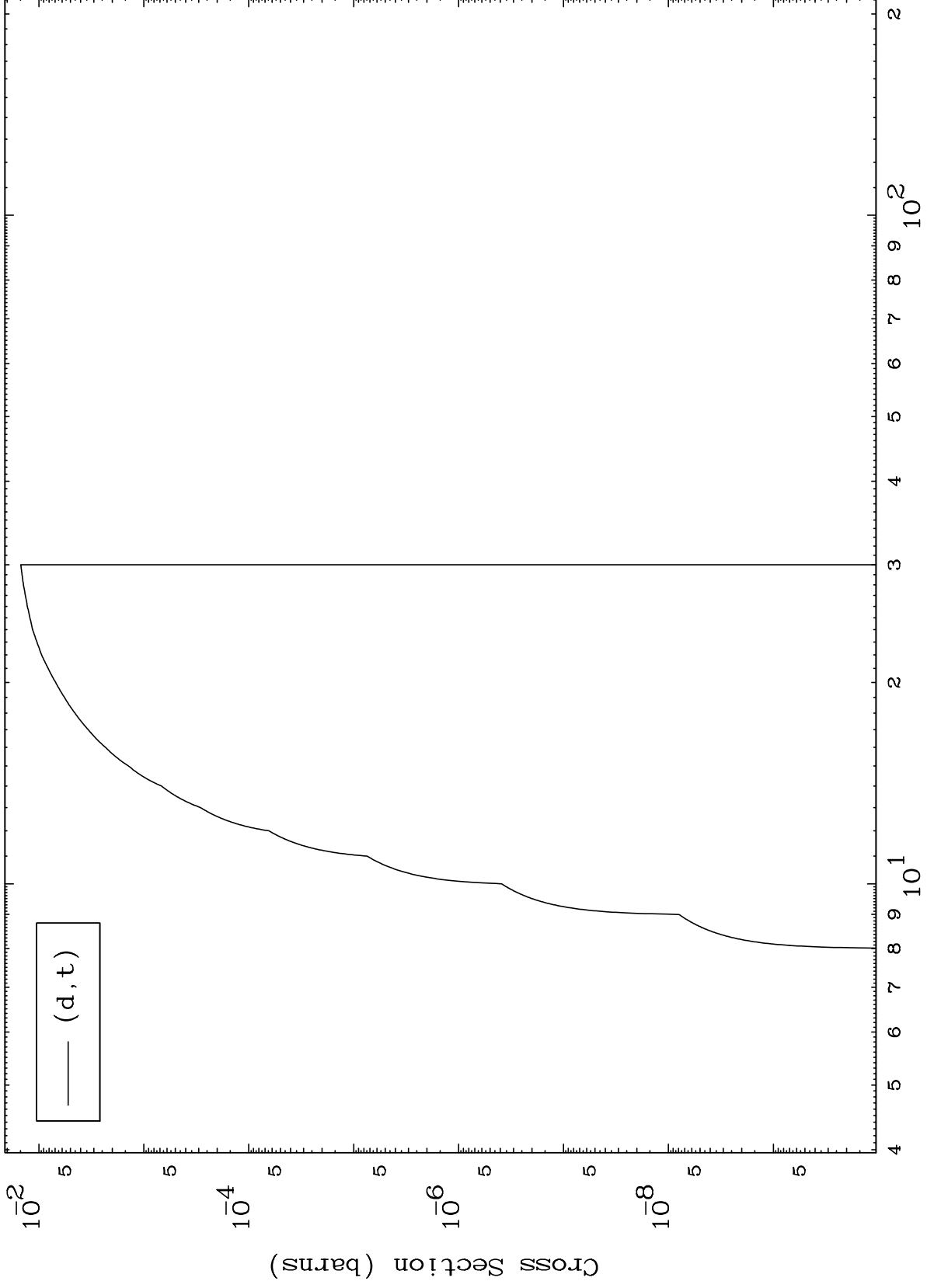
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d,t) Levels
0 Kelvin Cross Sections

61-Pm-141



9

Incident Energy (MeV)

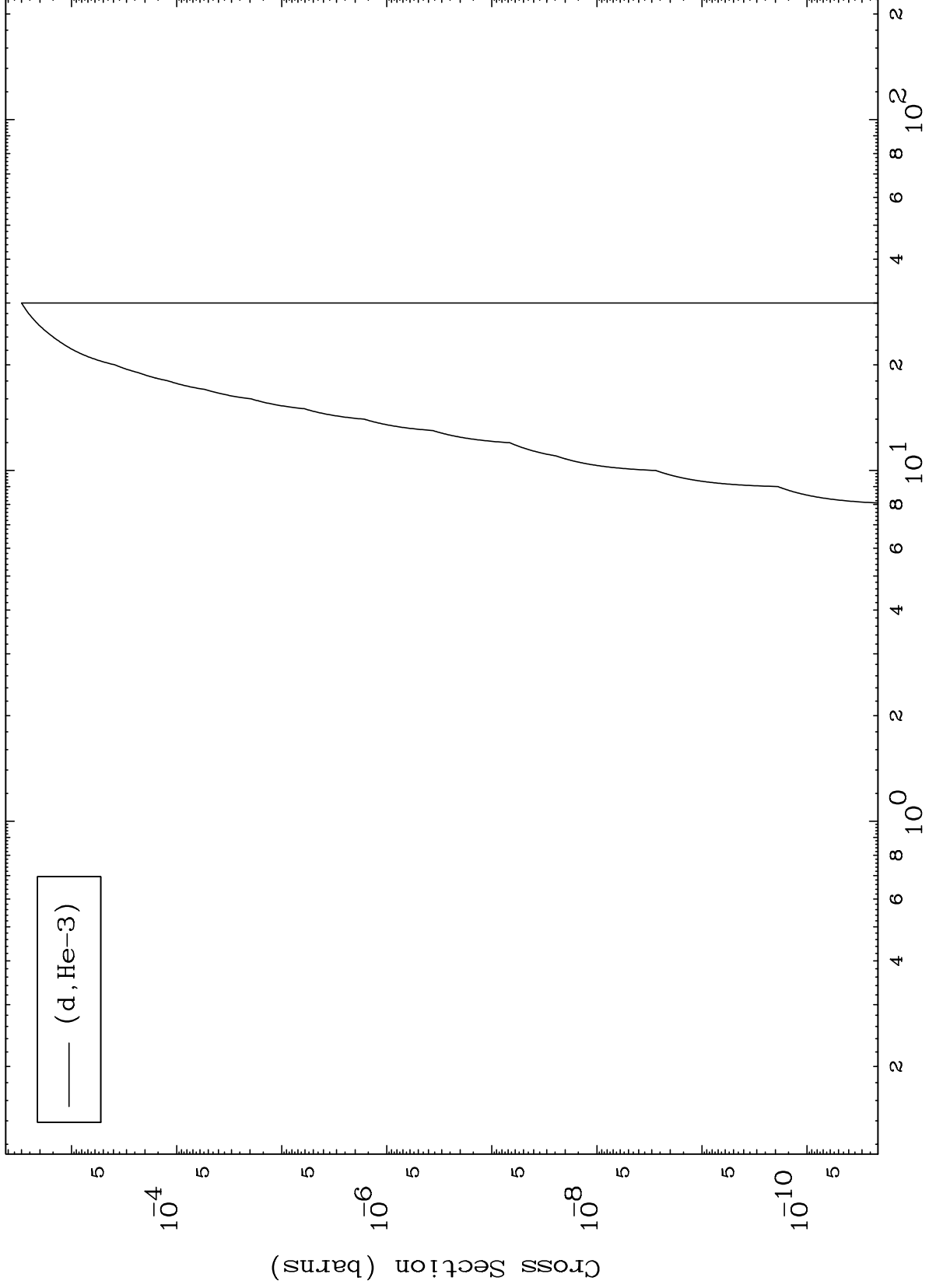
61-Pm-141

MAT 6131

(d,He3) Levels

61-Pm-141

0 Kelvin Cross Sections



10

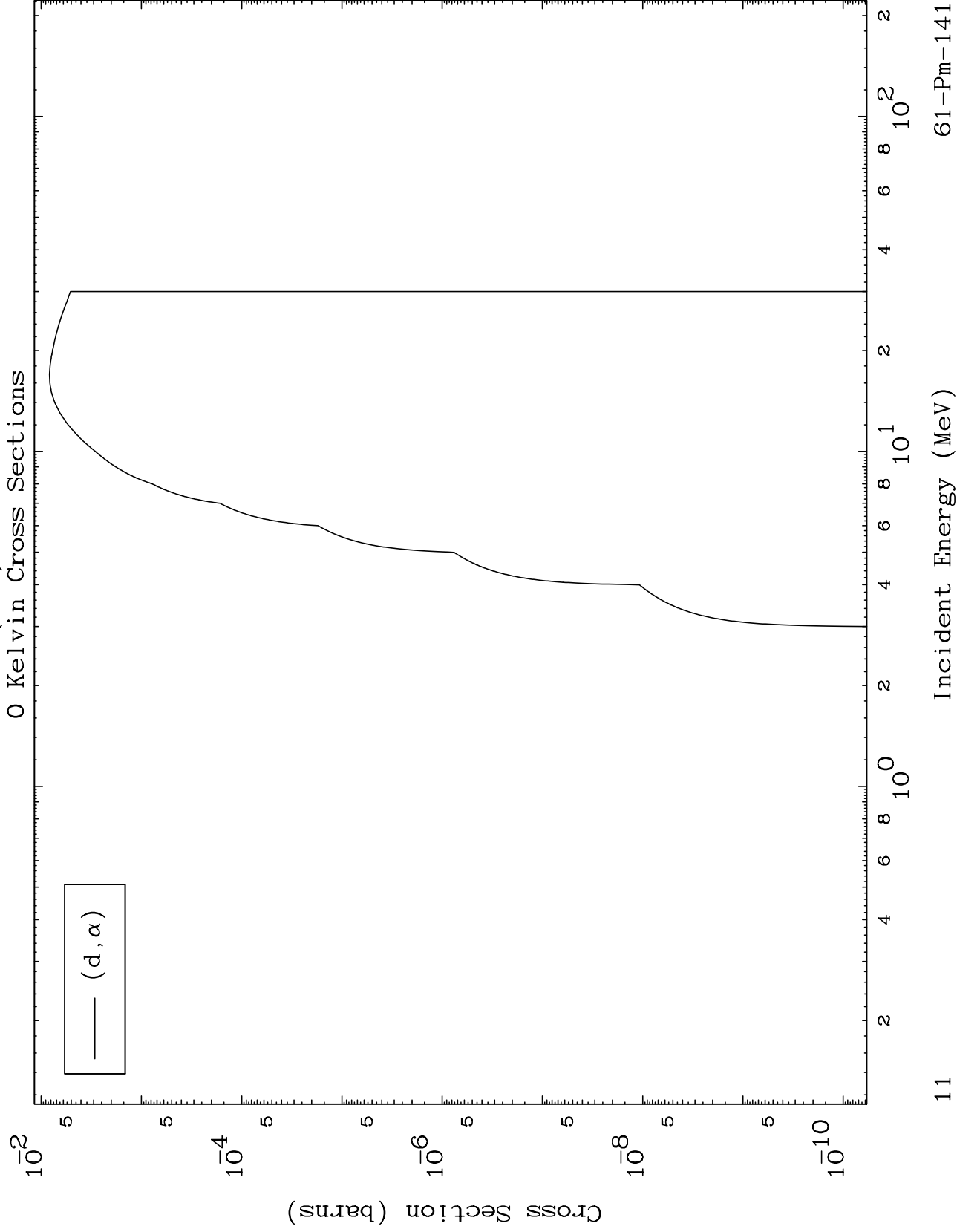
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d, α) Levels

61-Pm-141

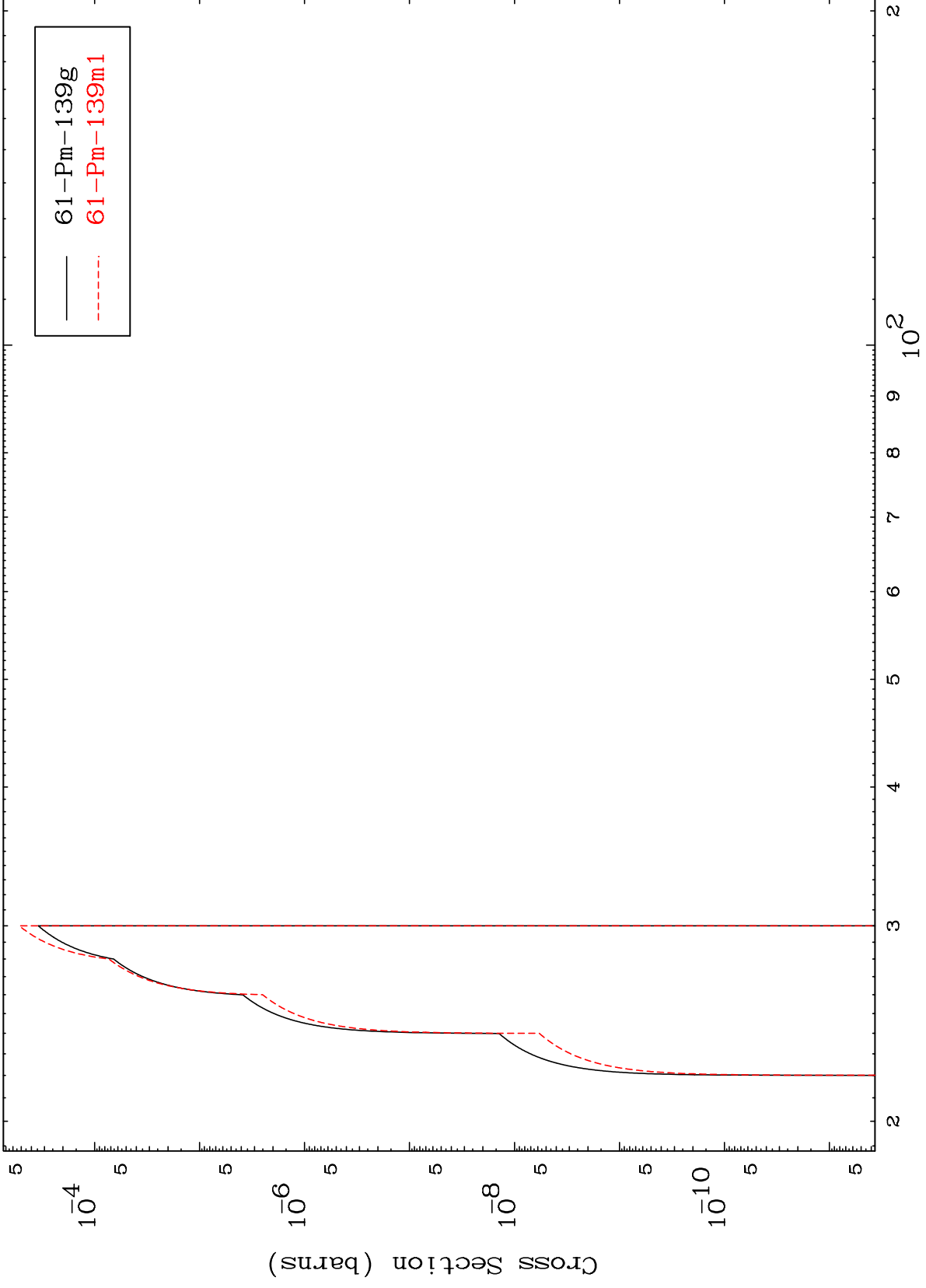


MAT 6131

(d,2n) d

61-Pm-141

Radionuclide Production Cross Section



12

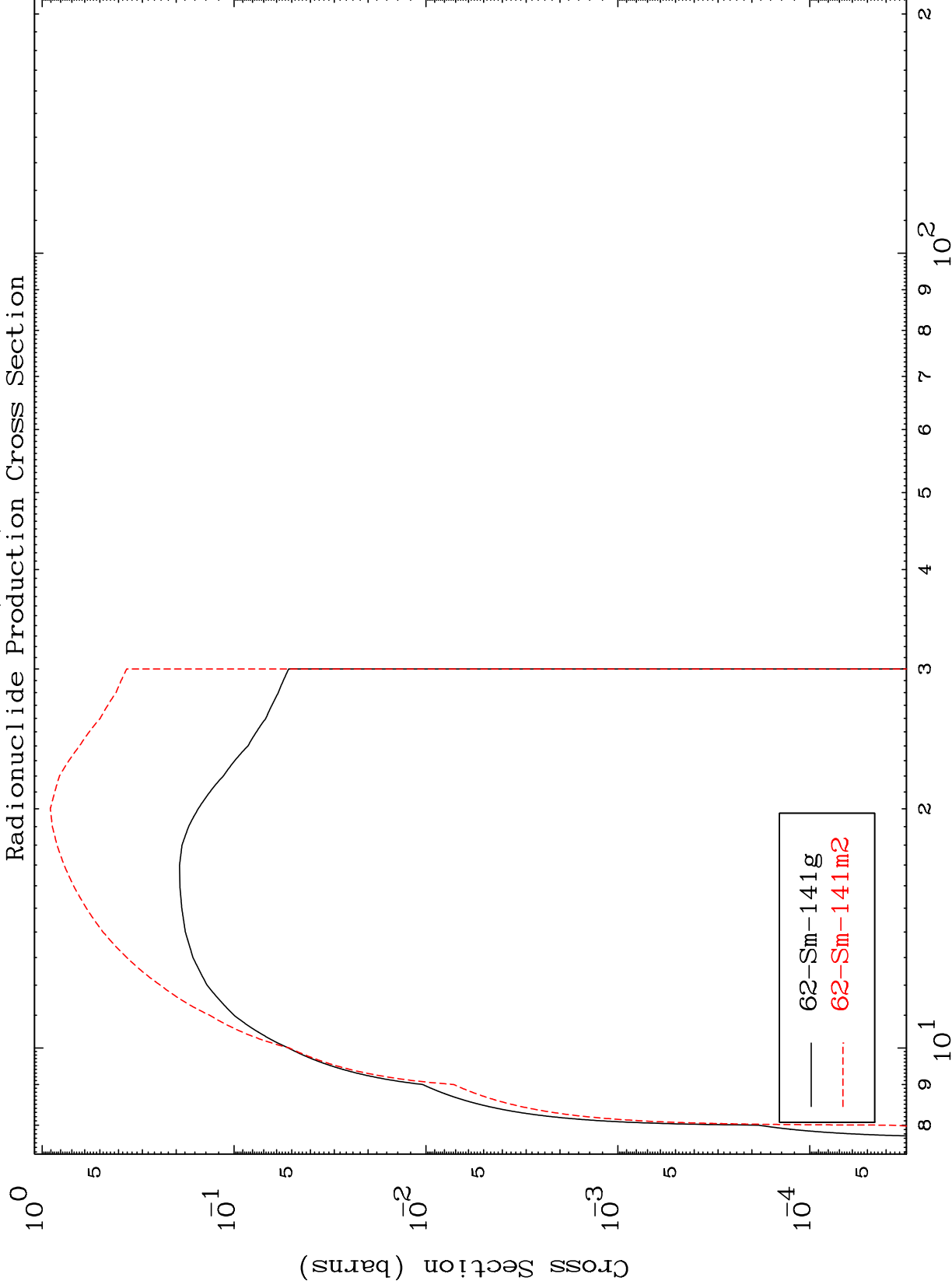
Incident Energy (MeV)

61-Pm-141

MAT 6131

61-Pm-141

Radionuclide Production Cross Section
(d,2n)



13

Incident Energy (MeV)

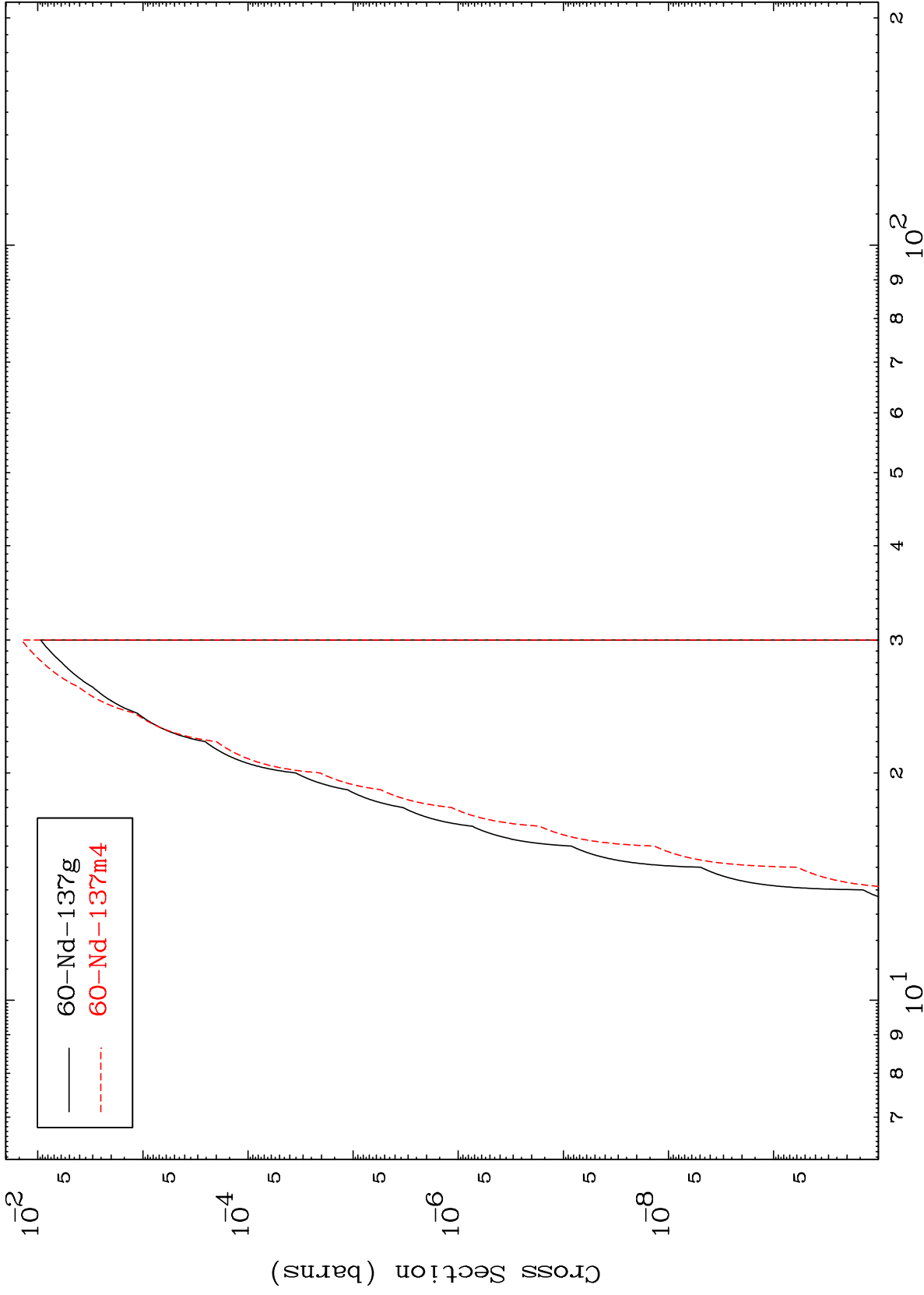
61-Pm-141

MAT 6131

(d,2n) α

61-Pm-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

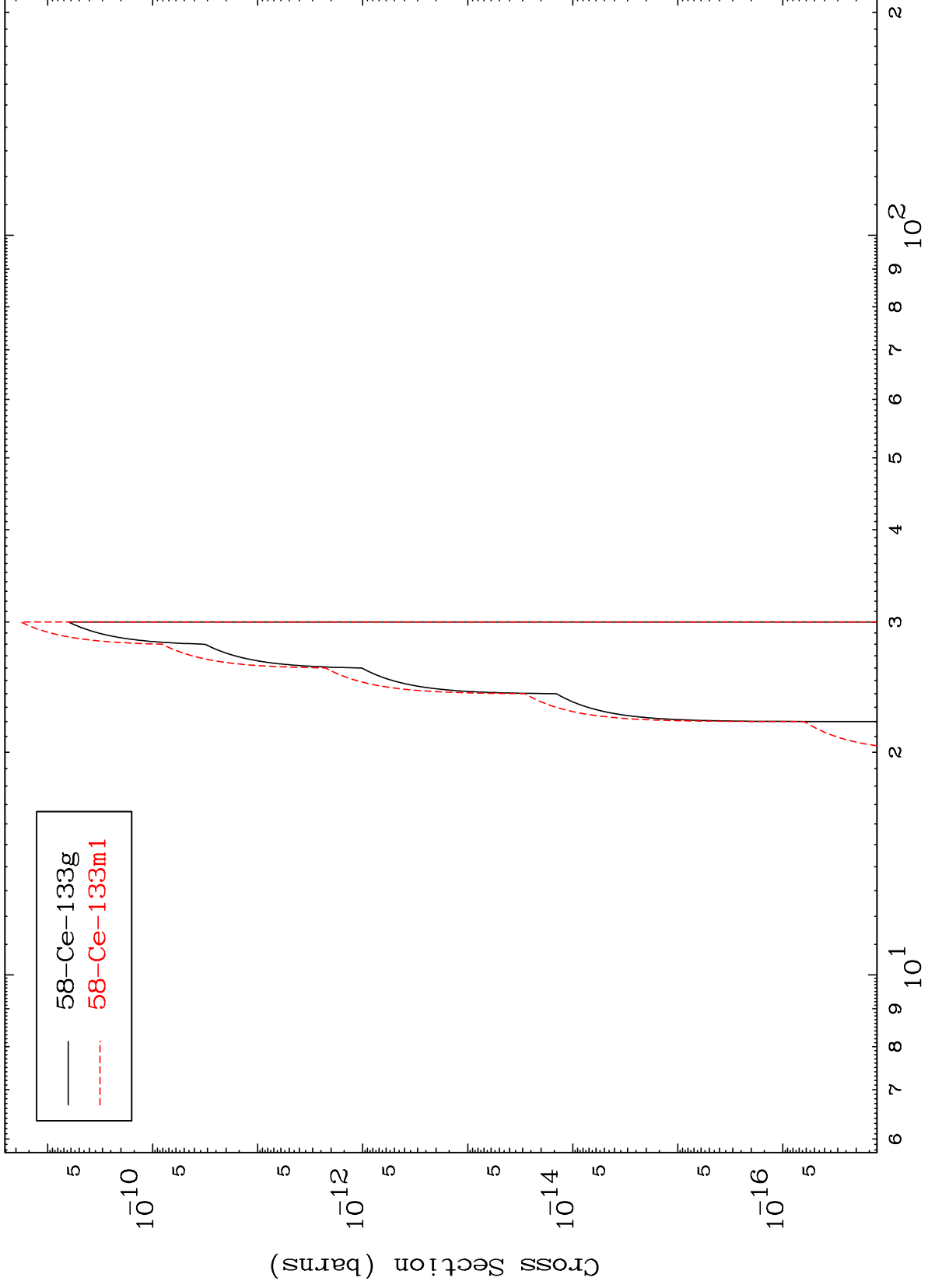
61-Pm-141

MAT 6131

^{61}Pm -141

^{61}Pm -141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

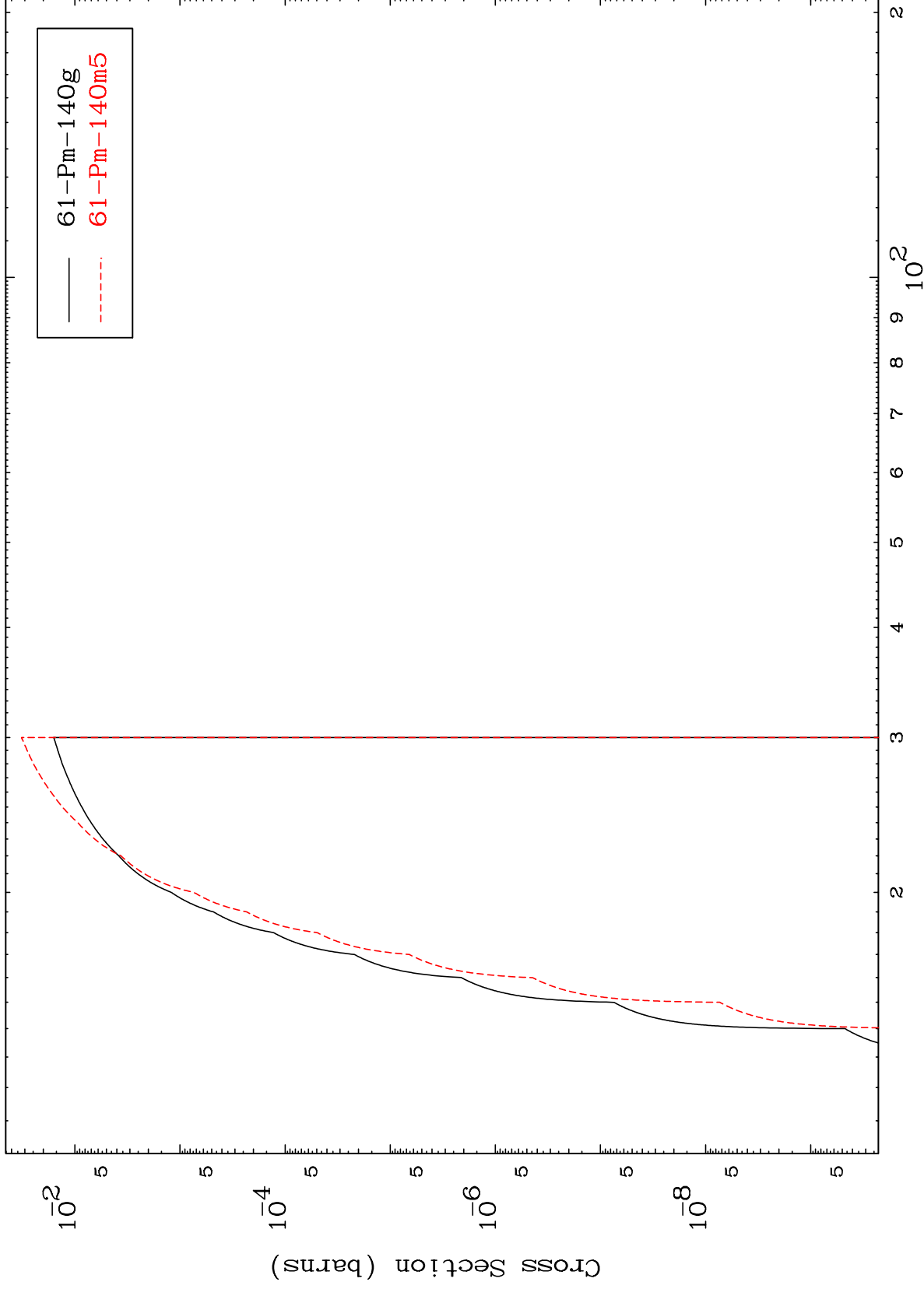
^{61}Pm -141

MAT 6131

(d,n') d

61-Pm-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

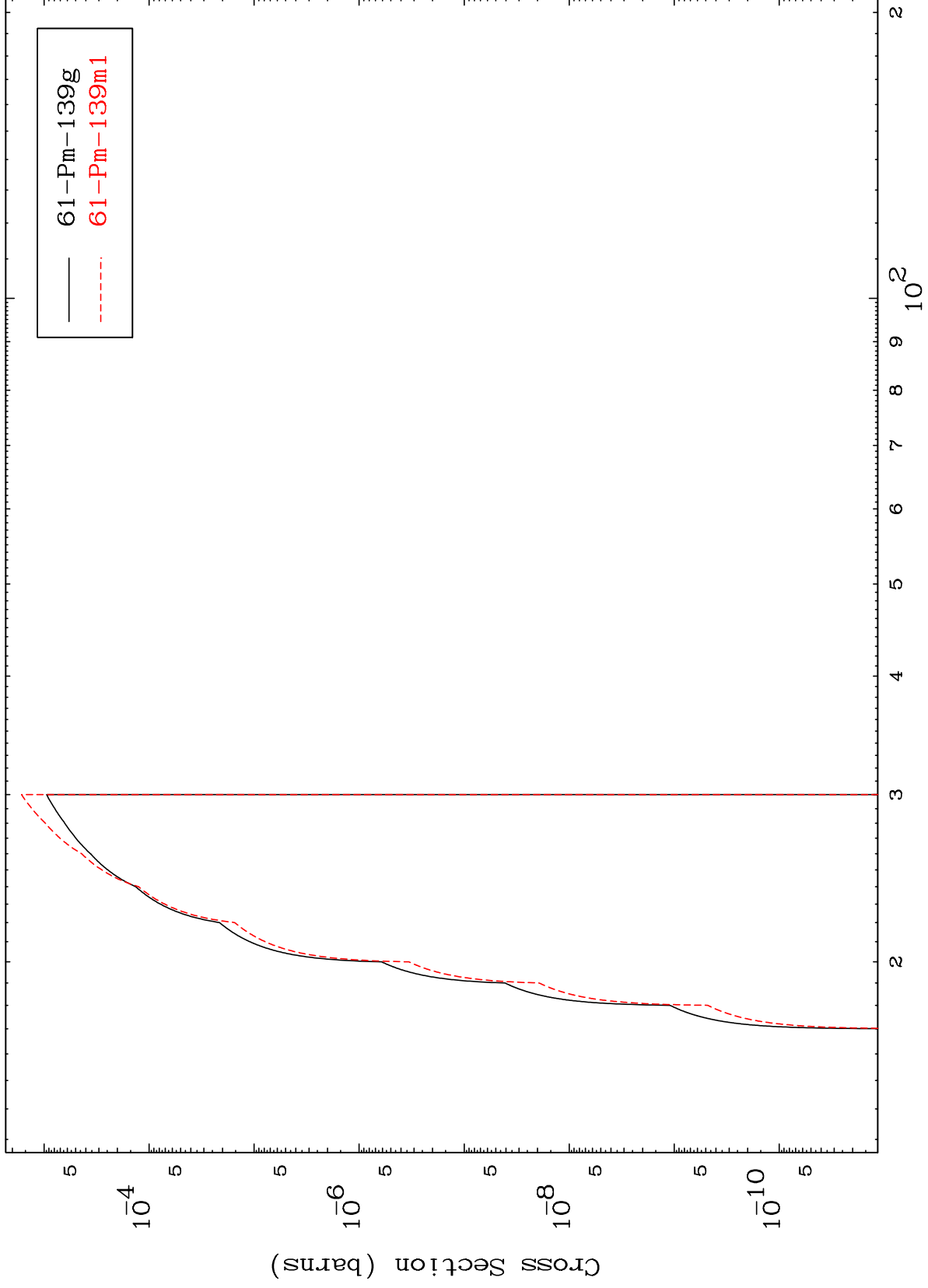
61-Pm-141

MAT 6131

(d,n') t

61-Pm-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

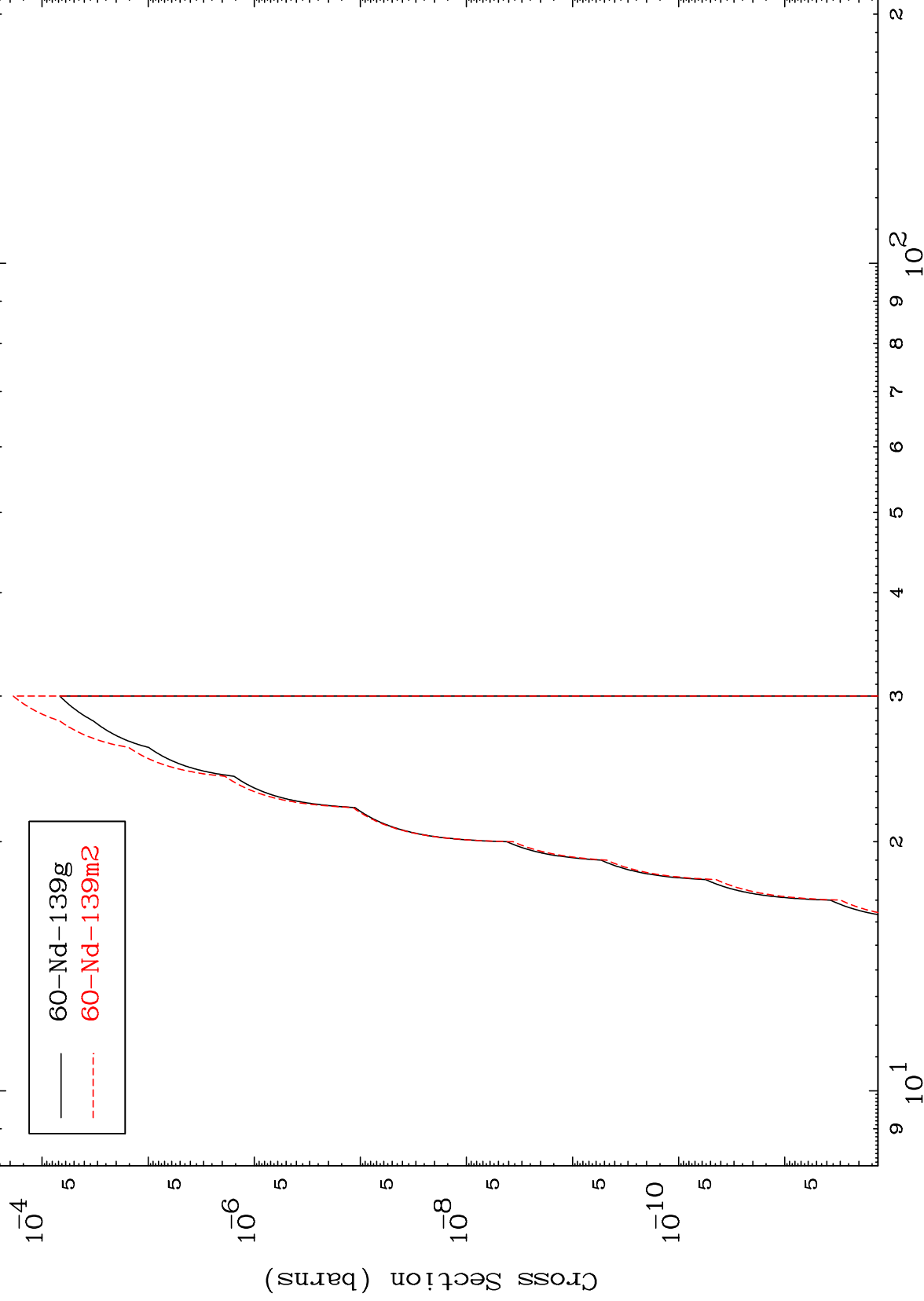
61-Pm-141

MAT 6131

(d,n') He-3

61-Pm-141

Radionuclide Production Cross Section



18

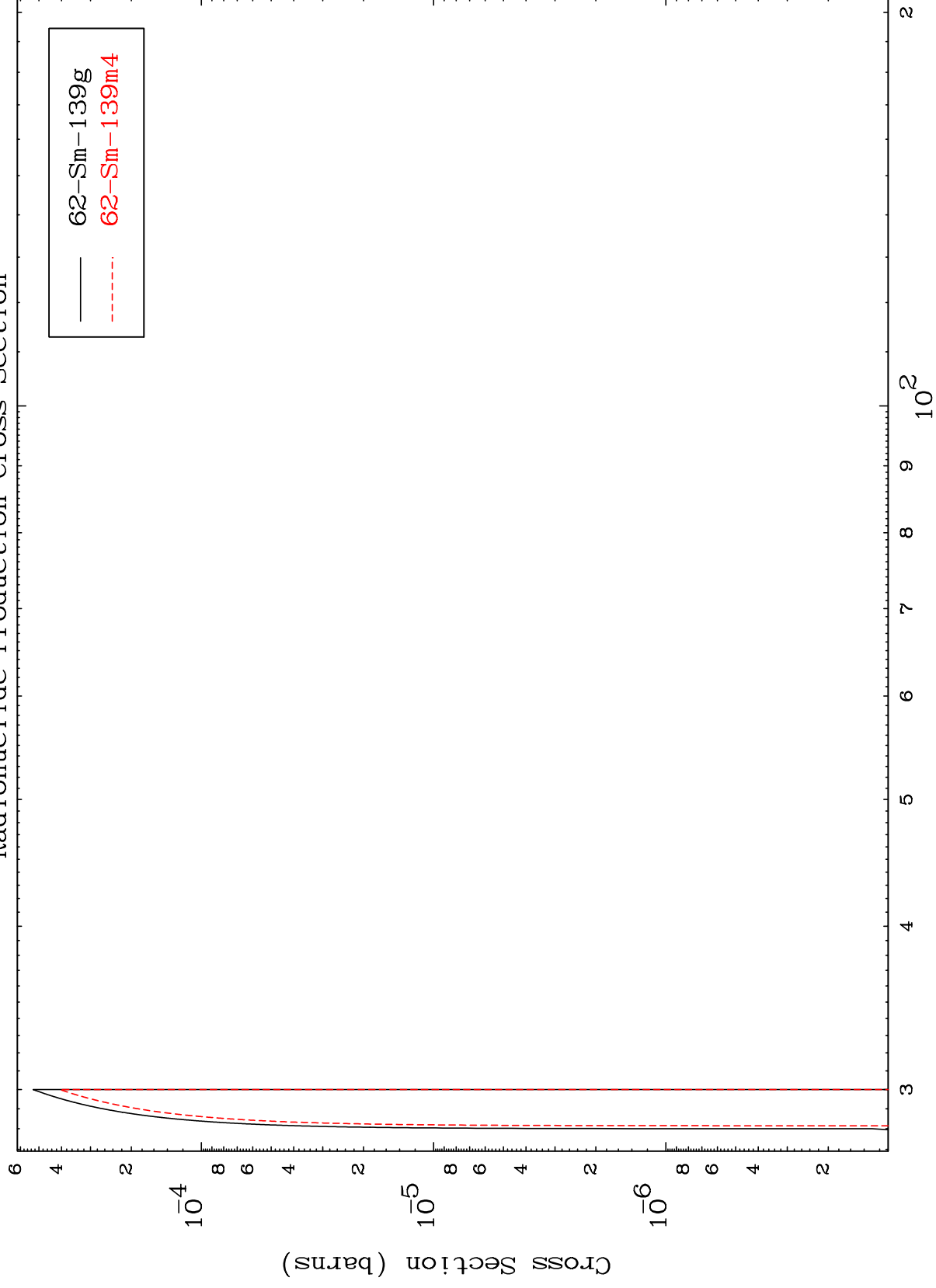
Incident Energy (MeV)

61-Pm-141

MAT 6131

61-Pm-141

(d,4n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

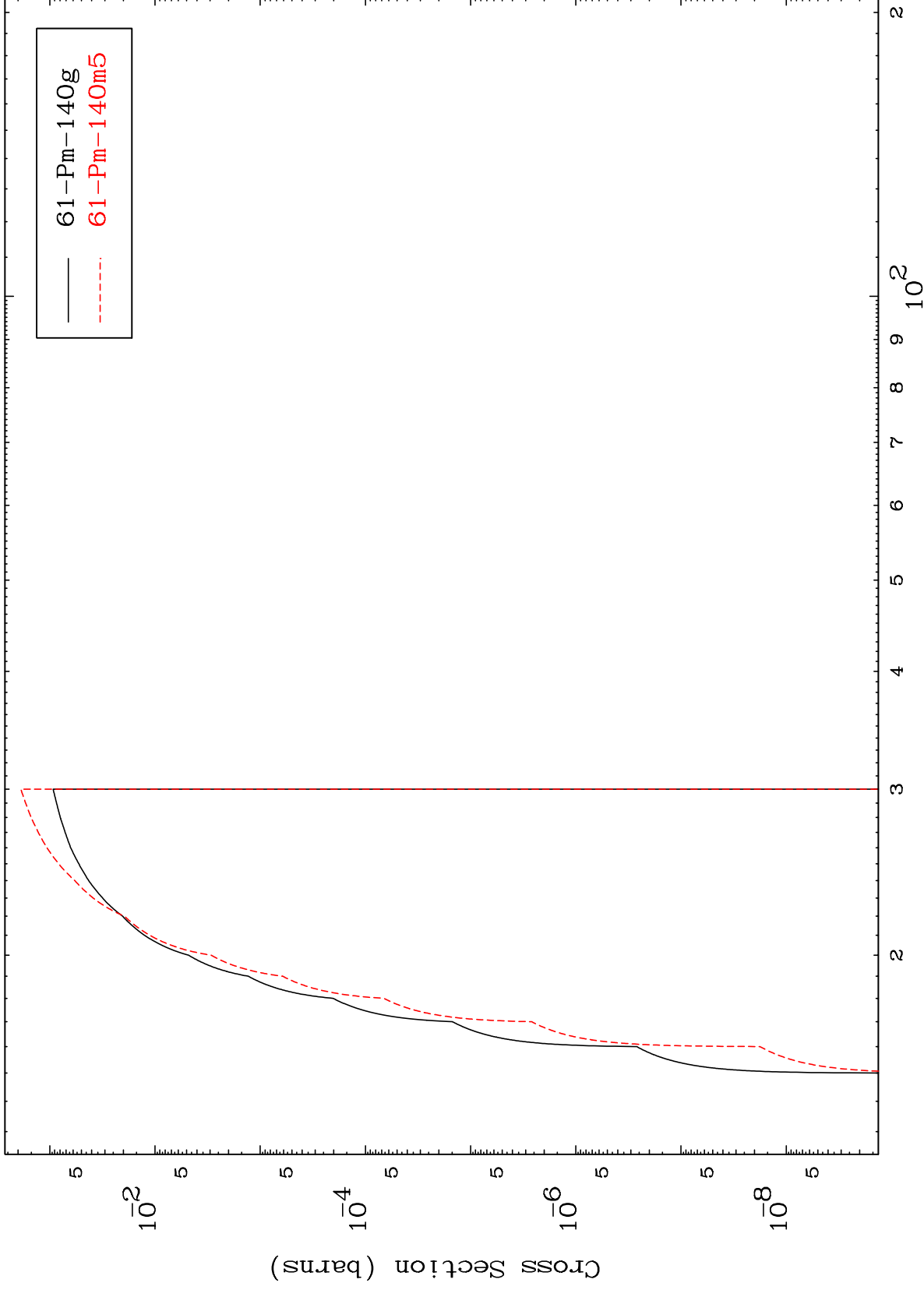
61-Pm-141

MAT 6131

(d,2n) p

61-Pm-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

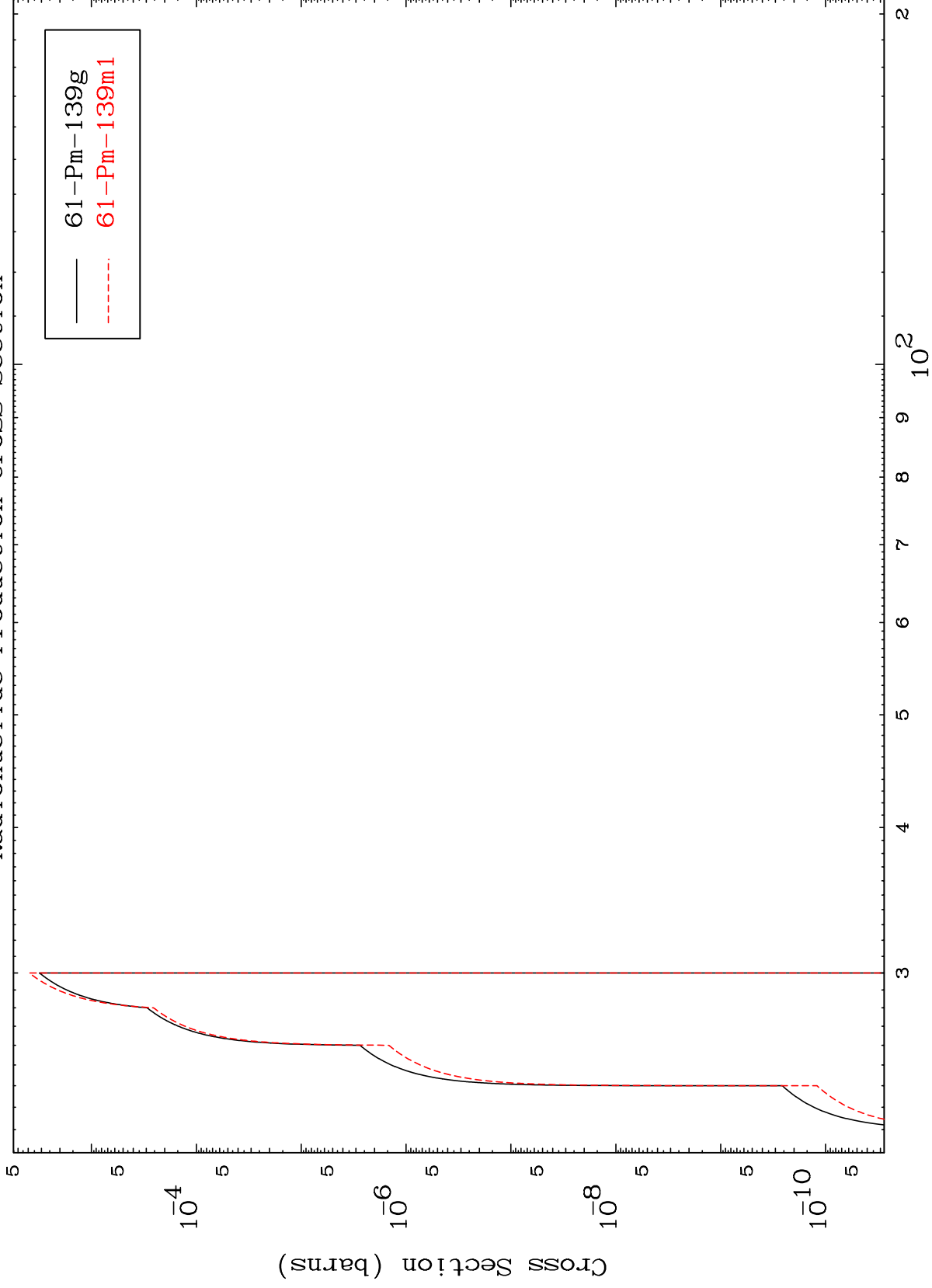
61-Pm-141

MAT 6131

(d,3n) p

61-Pm-141

Radionuclide Production Cross Section



21

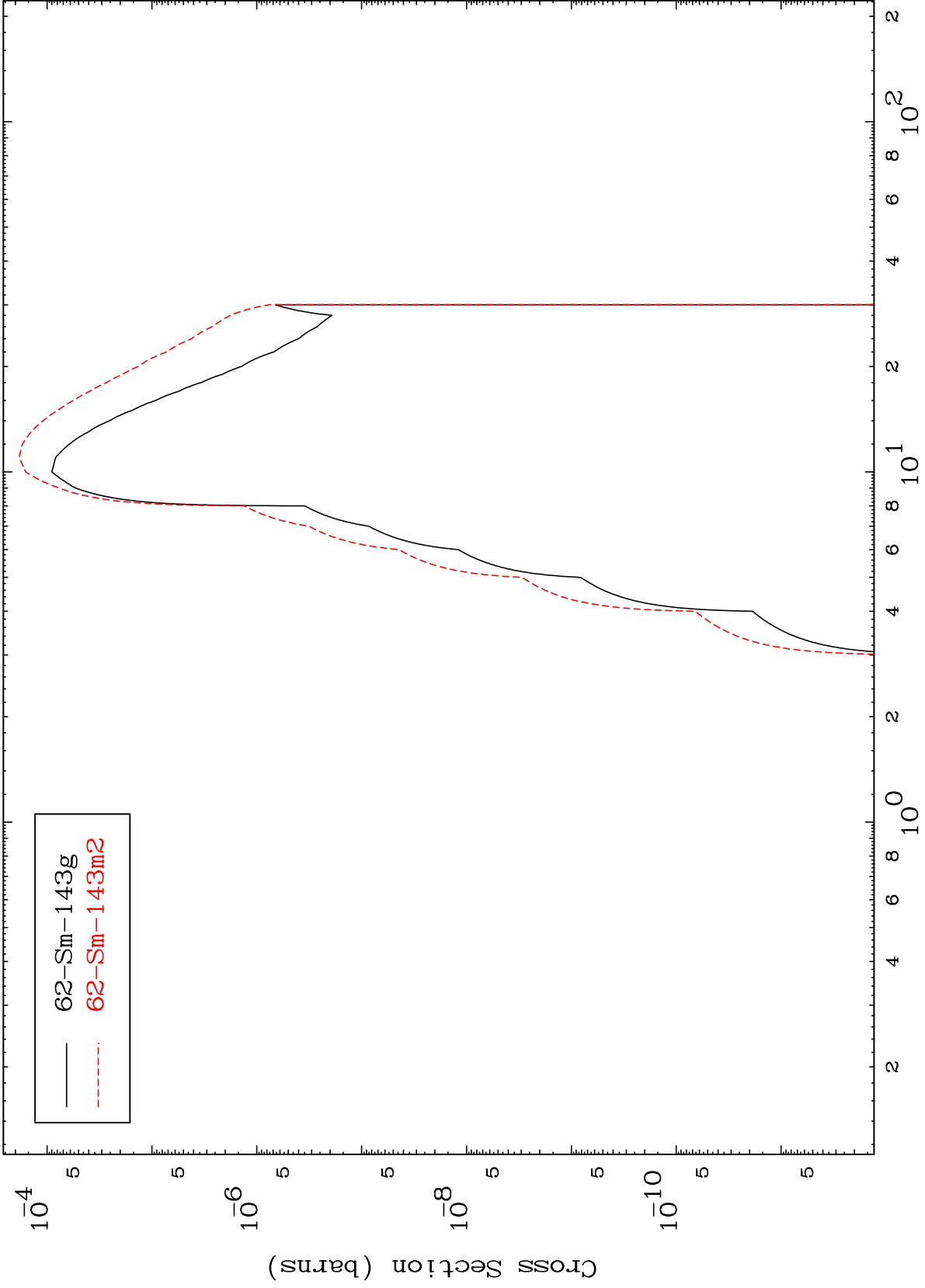
Incident Energy (MeV)

61-Pm-141

MAT 6131

61-Pm-141

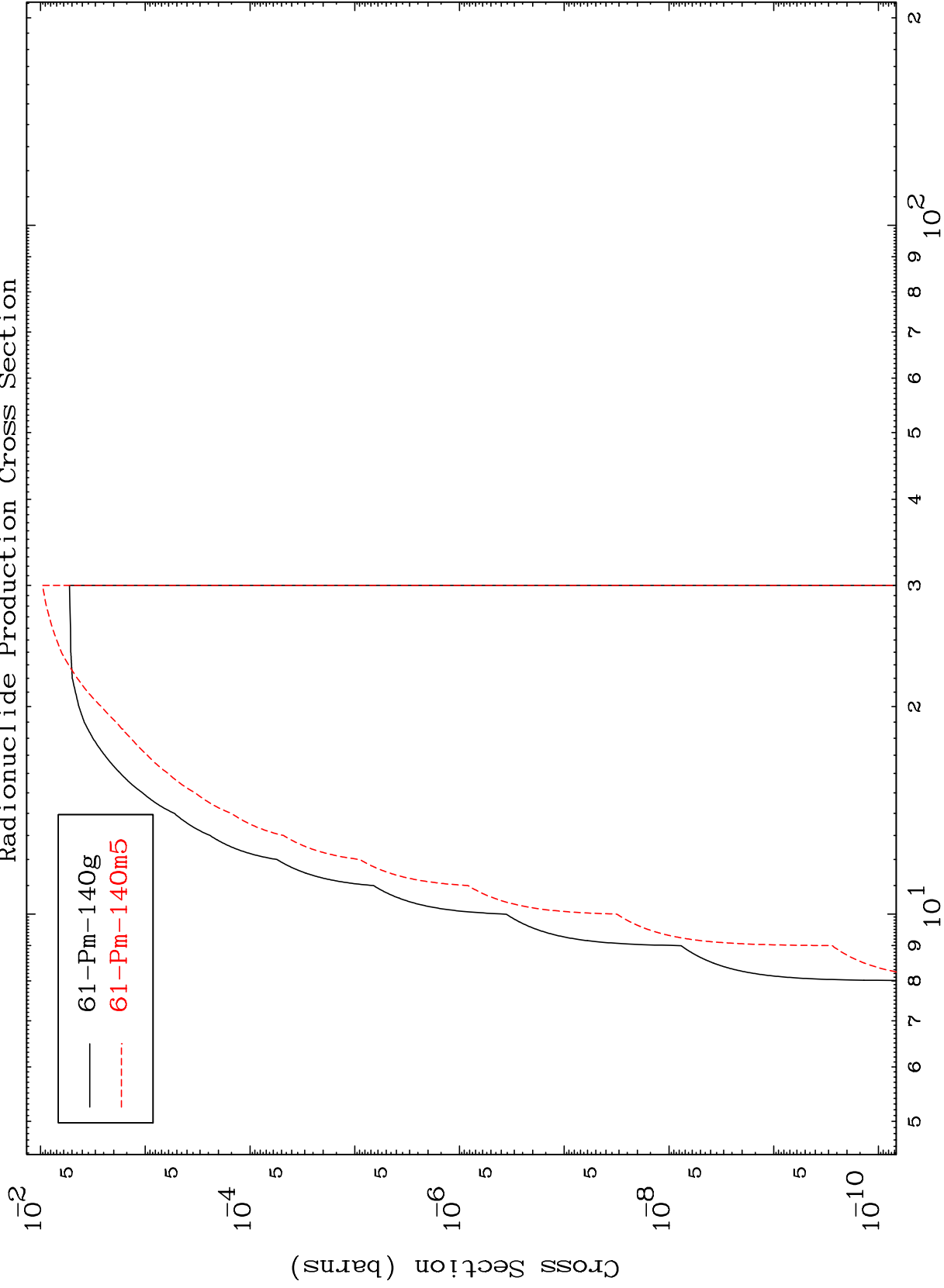
(d, γ)
Radionuclide Production Cross Section



MAT 6131

61-Pm-141

Radionuclide Production Cross Section



Incident Energy (MeV)

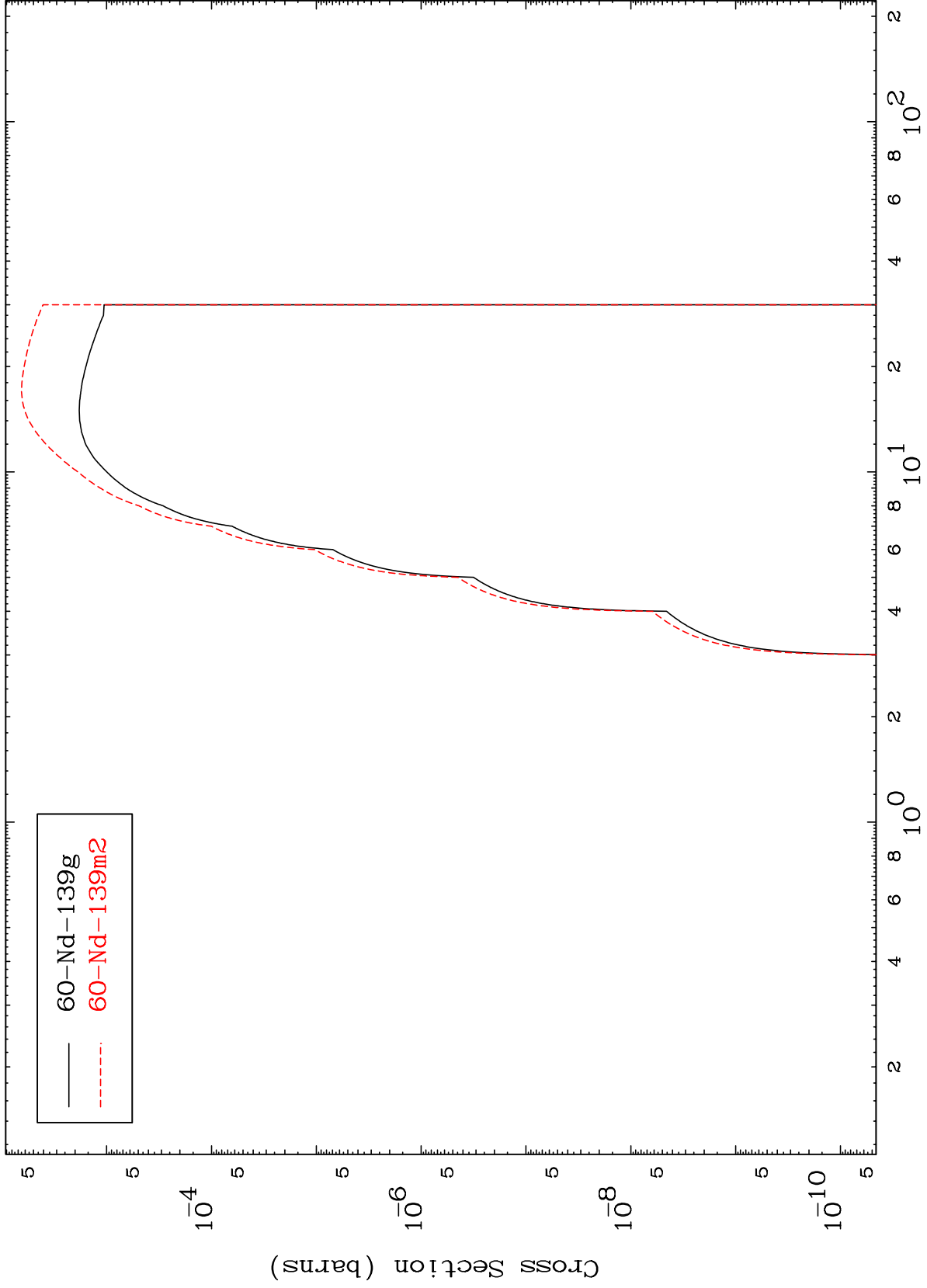
61-Pm-141

23

MAT 6131

61-Pm-141

(d, α)
Radionuclide Production Cross Section



24

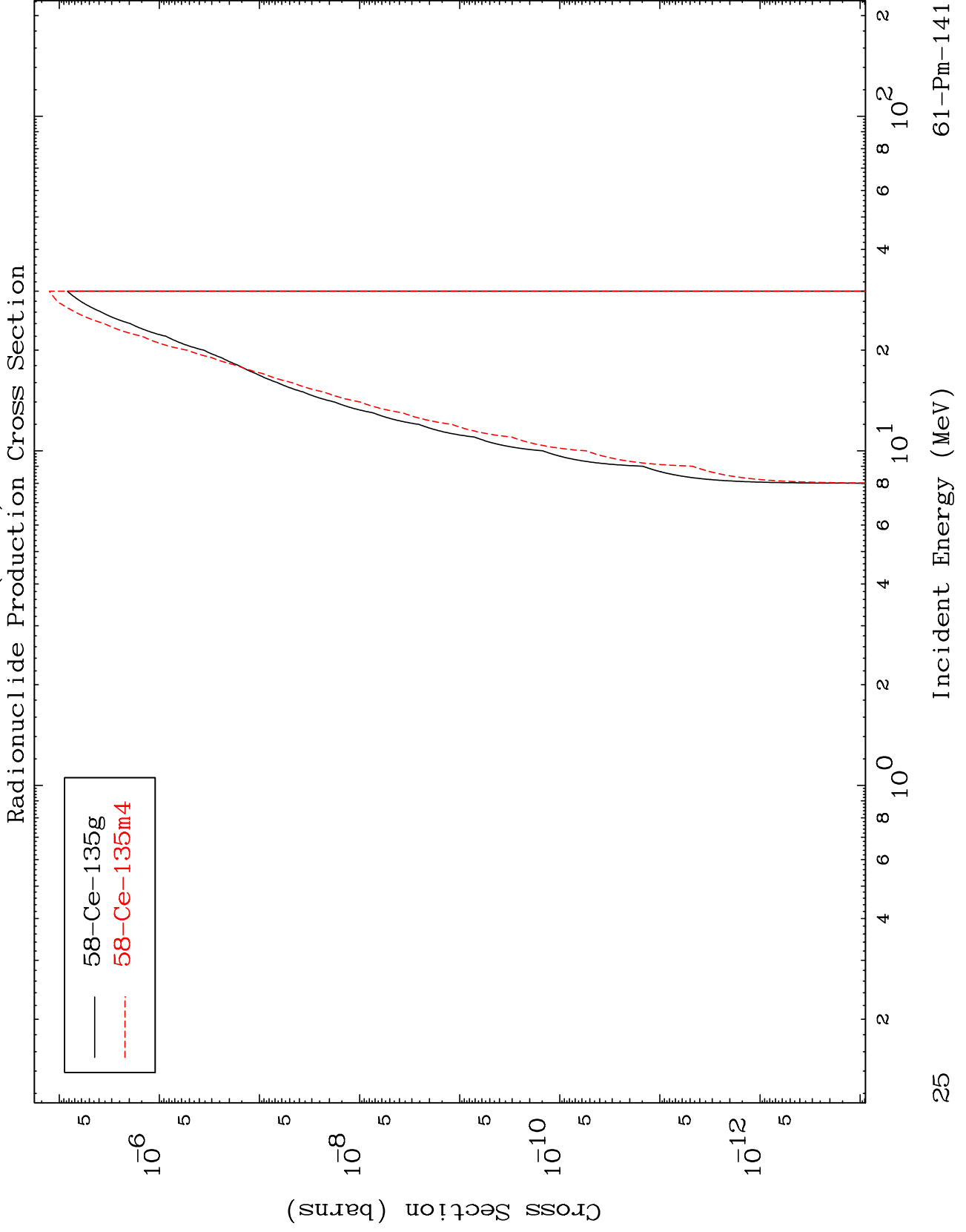
61-Pm-141

Incident Energy (MeV)

MAT 6131

(d,2 α)

61-Pm-141

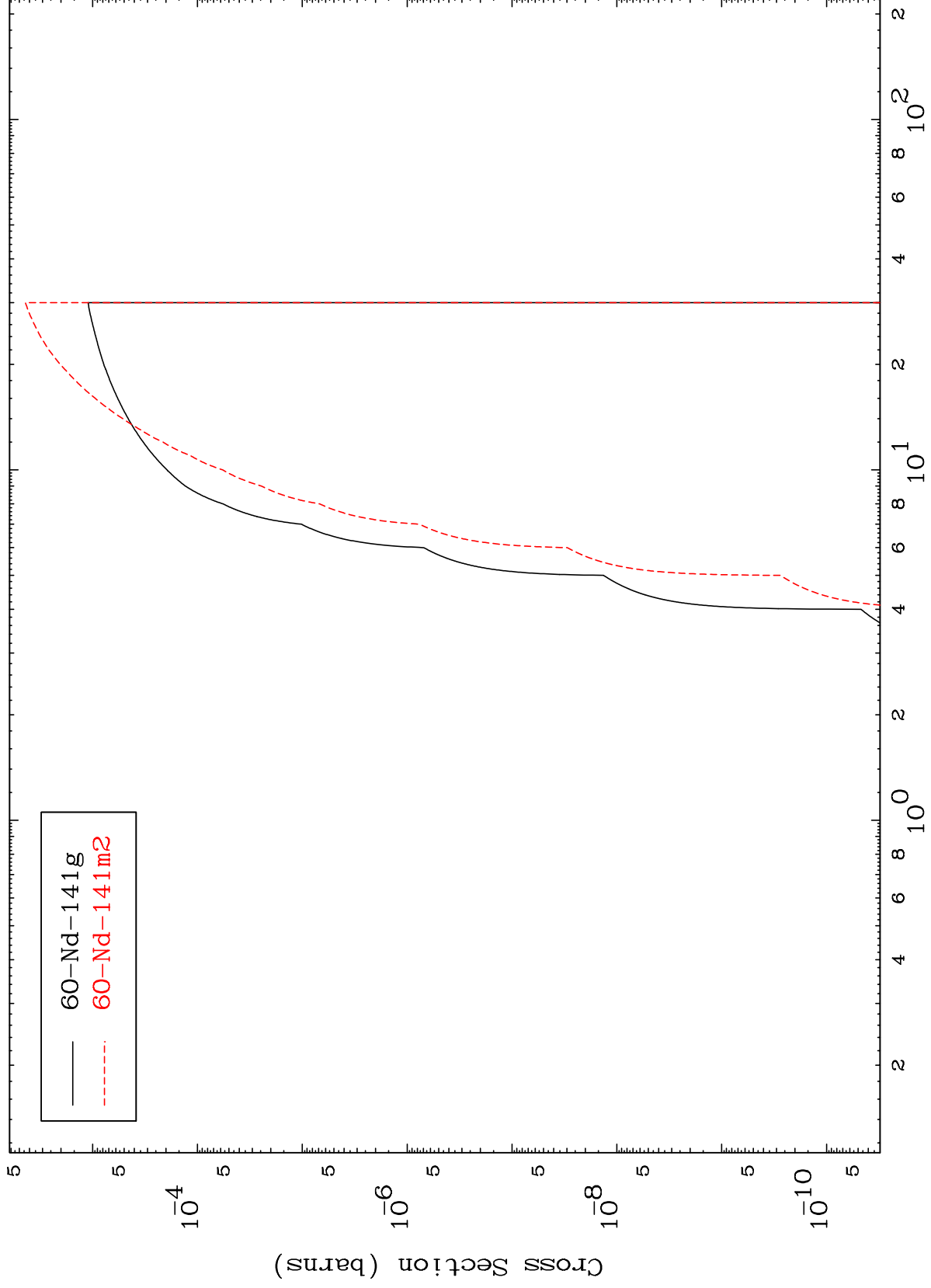


MAT 6131

(d,2p)

61-Pm-141

Radionuclide Production Cross Section



26

Incident Energy (MeV)

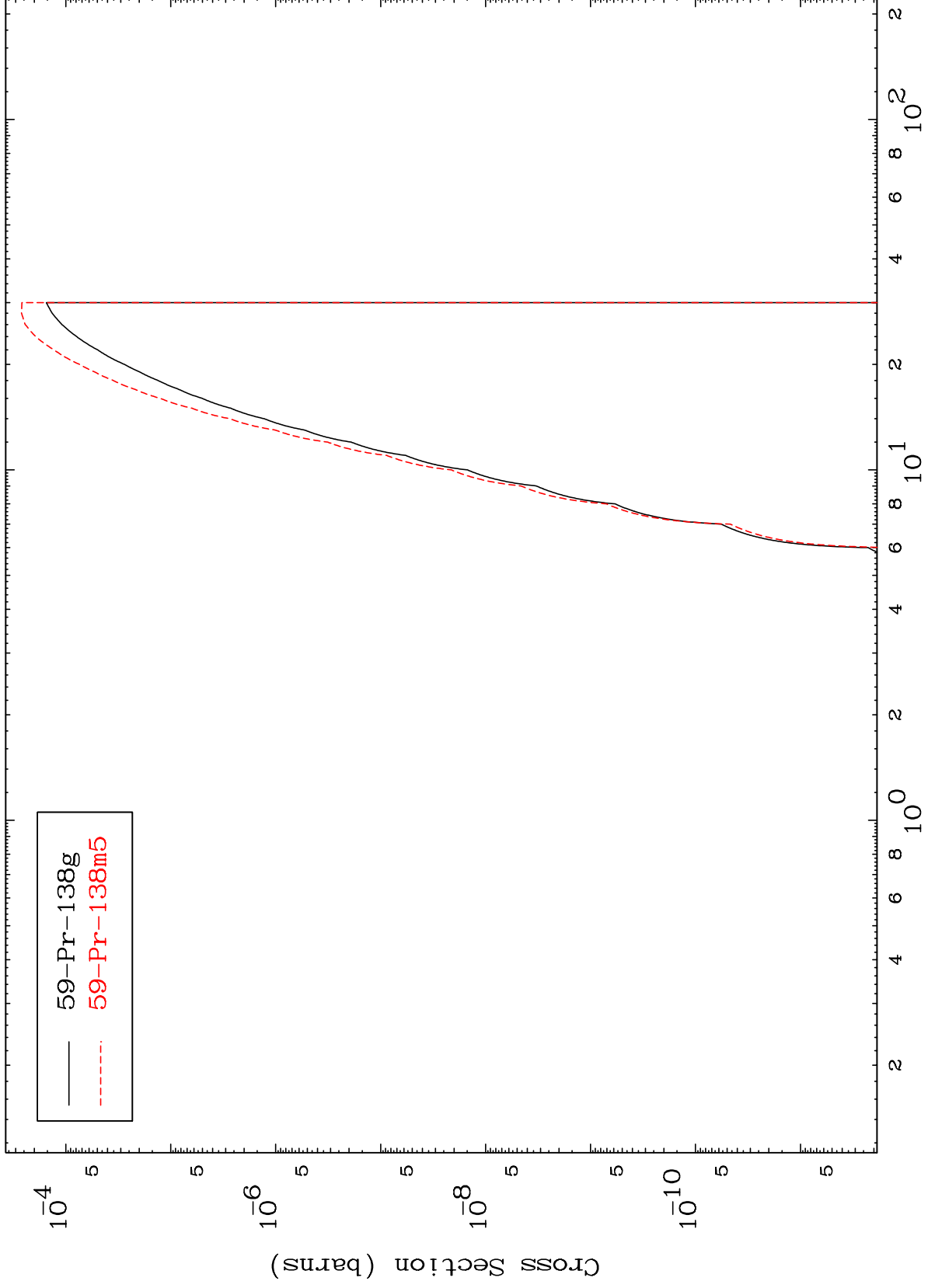
61-Pm-141

MAT 6131

(d,p) α

61-Pm-141

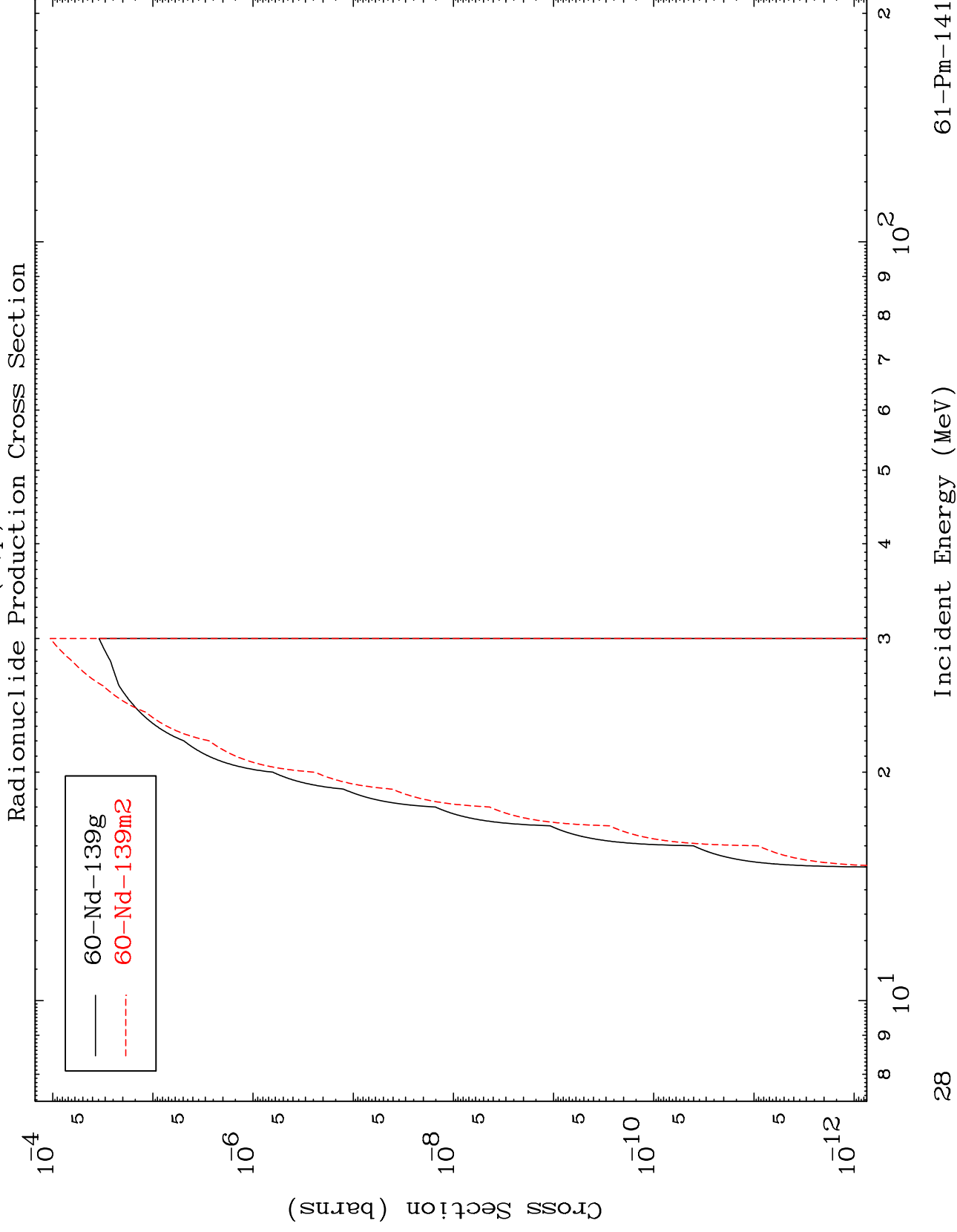
Radionuclide Production Cross Section



MAT 6131

(d,p) t

61-Pm-141



28