

Program EVALPLOT
(Version 2018-1)

by

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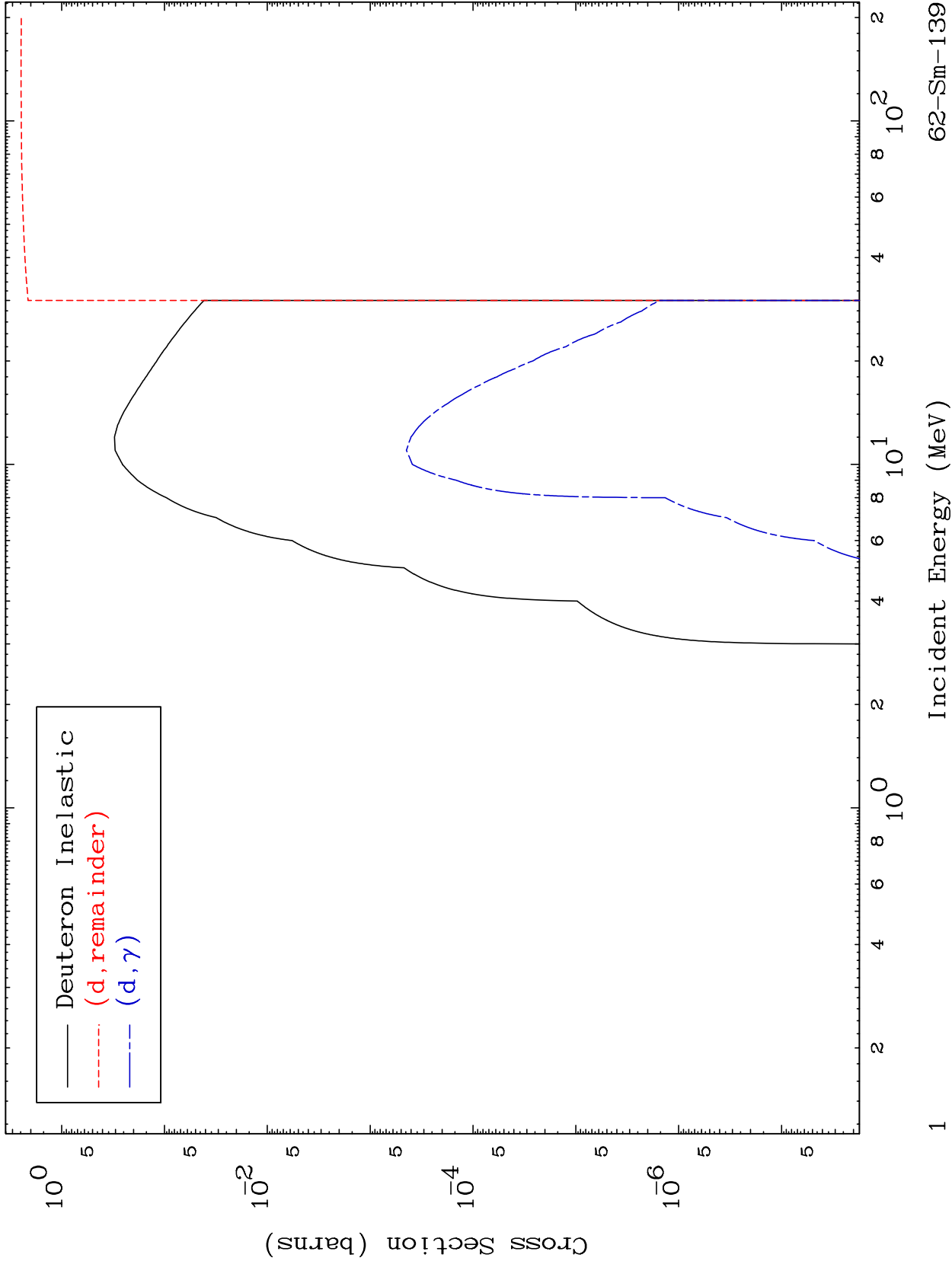
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6210

Deuteron Major
0 Kelvin Cross Sections

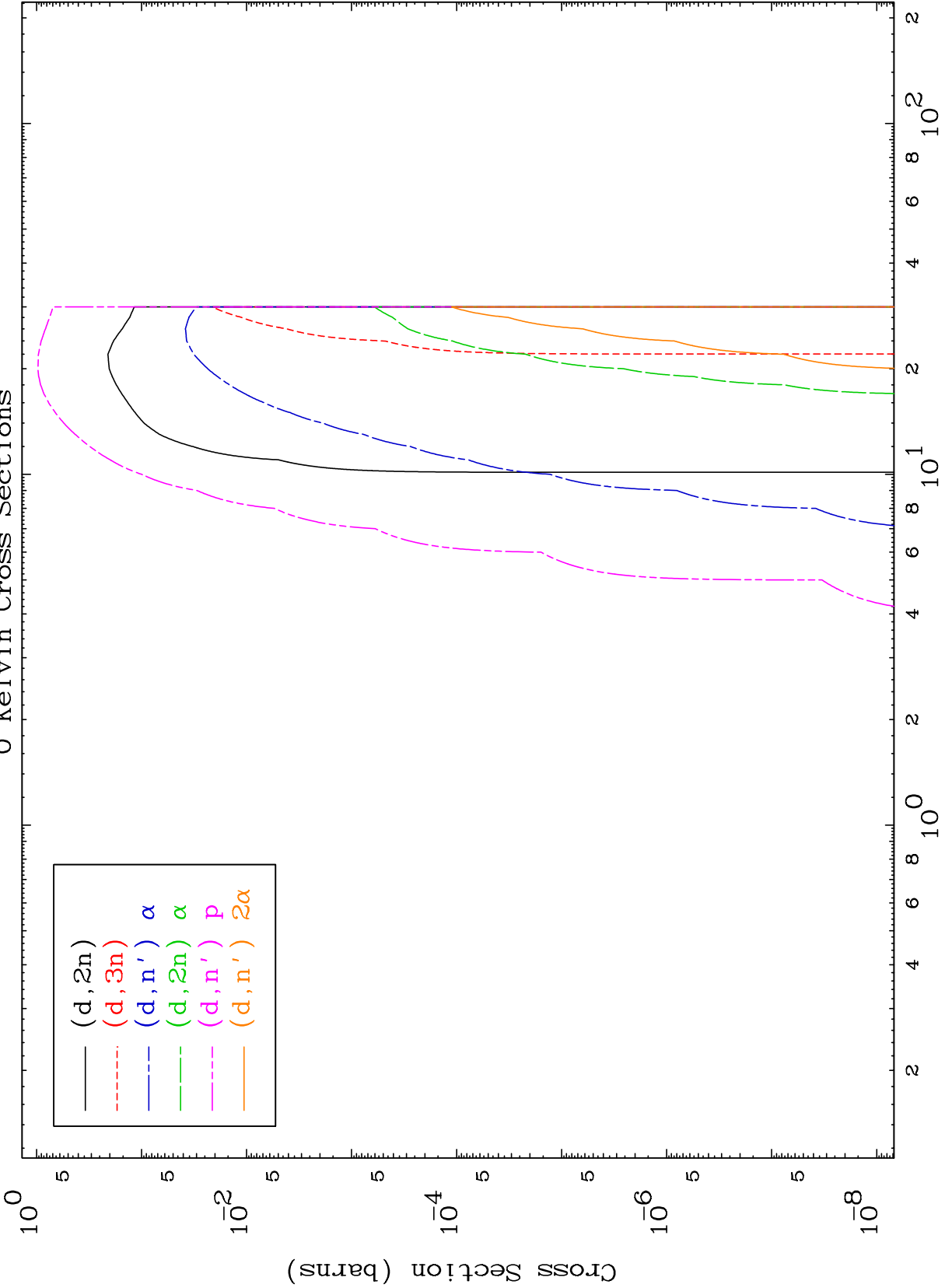
62-Sm-139

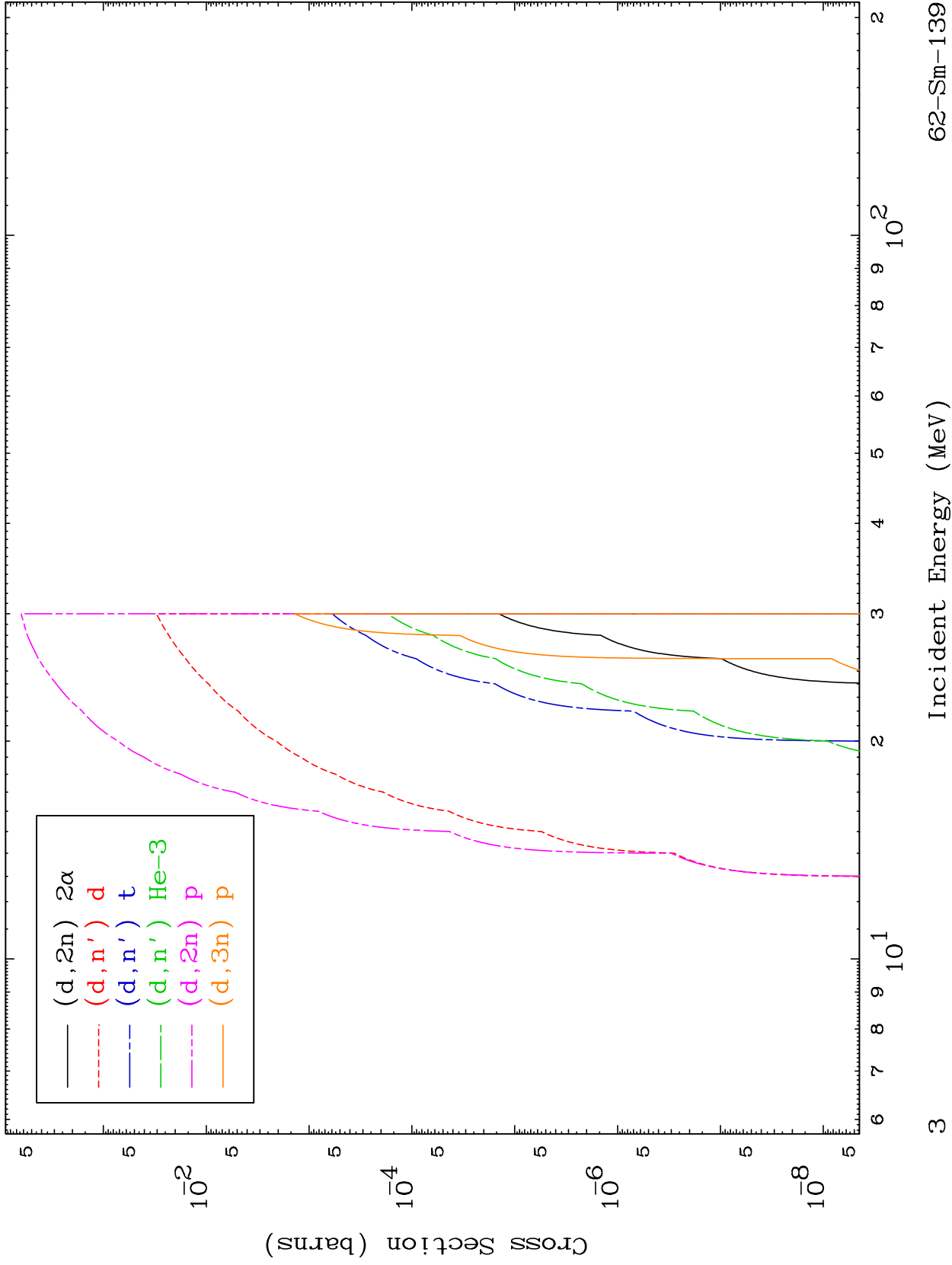


MAT 6210

Deuteron Neutron Production
0 Kelvin Cross Sections

62-Sm-139

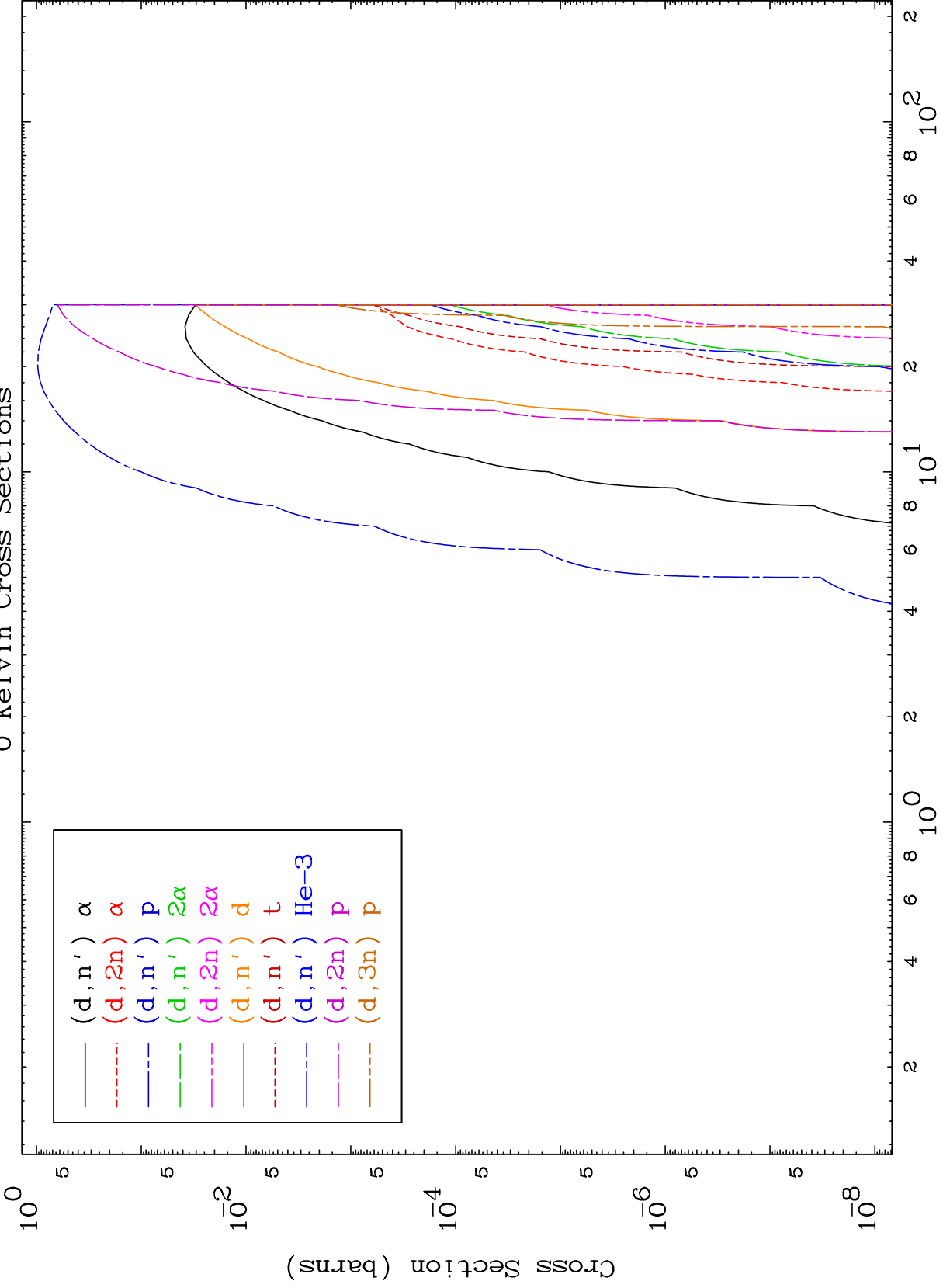


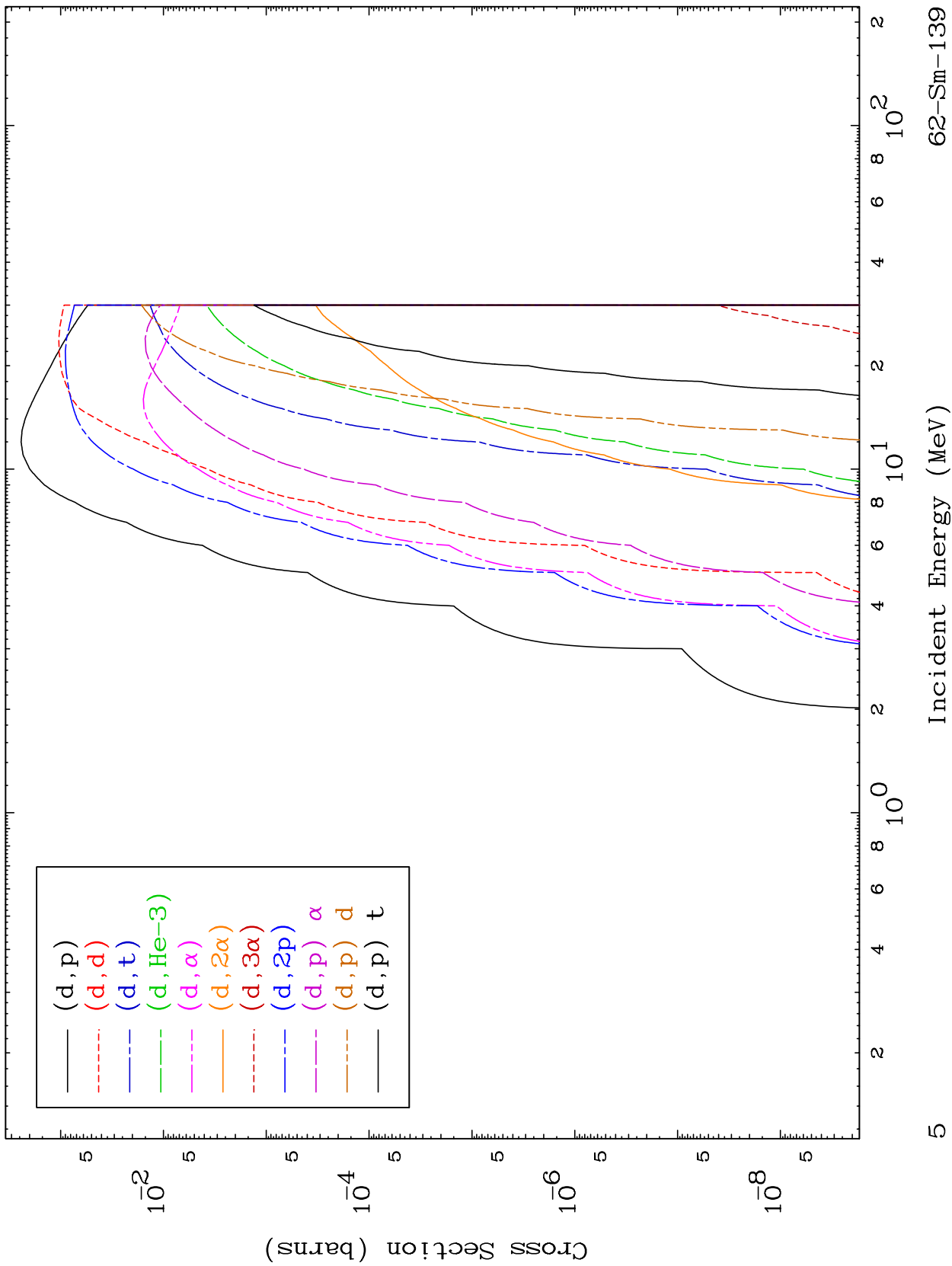


MAT 6210

Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-139

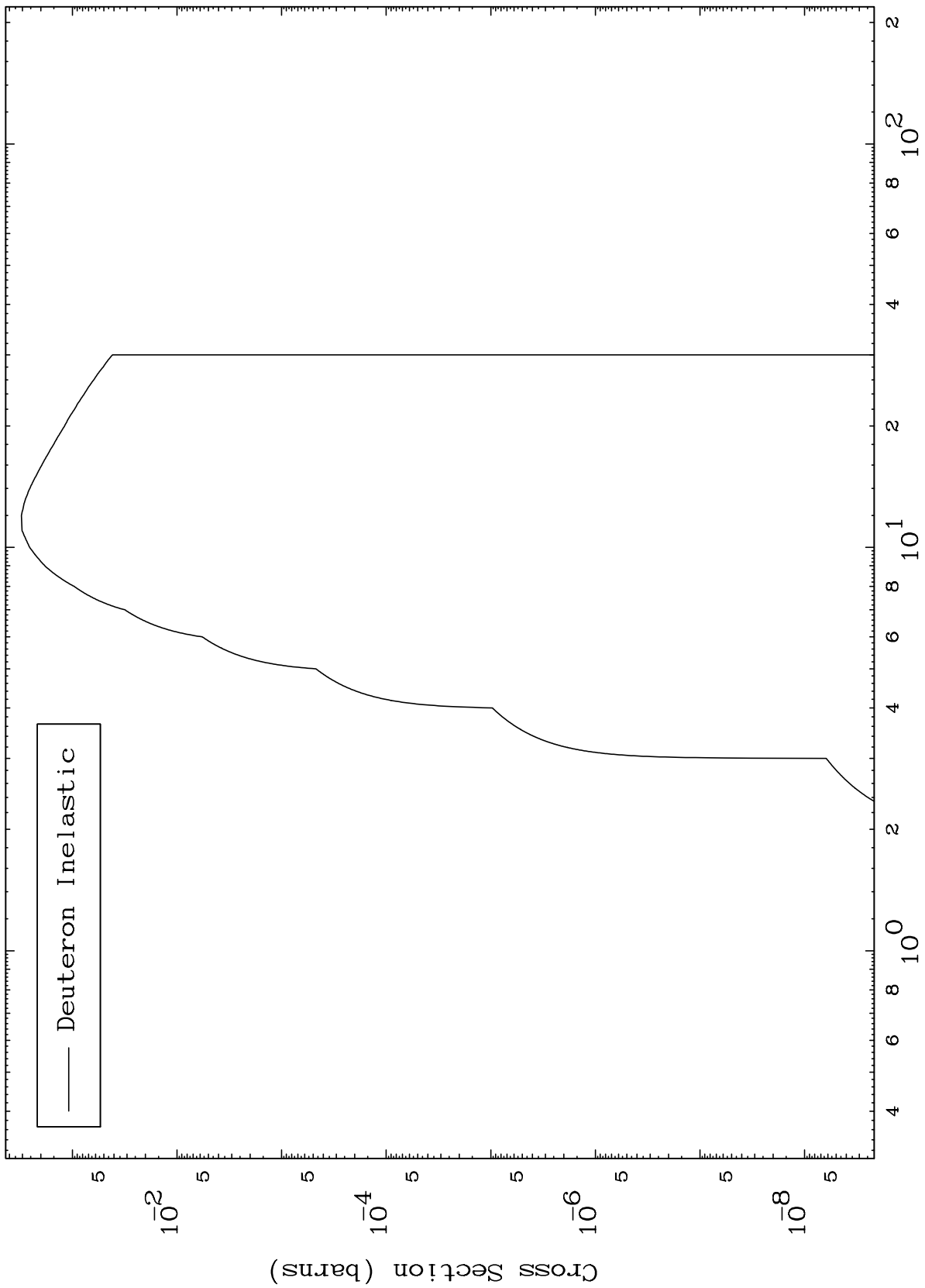




MAT 6210

62-Sm-139

(d,n') Level
0 Kelvin Cross Sections



6

Incident Energy (MeV)

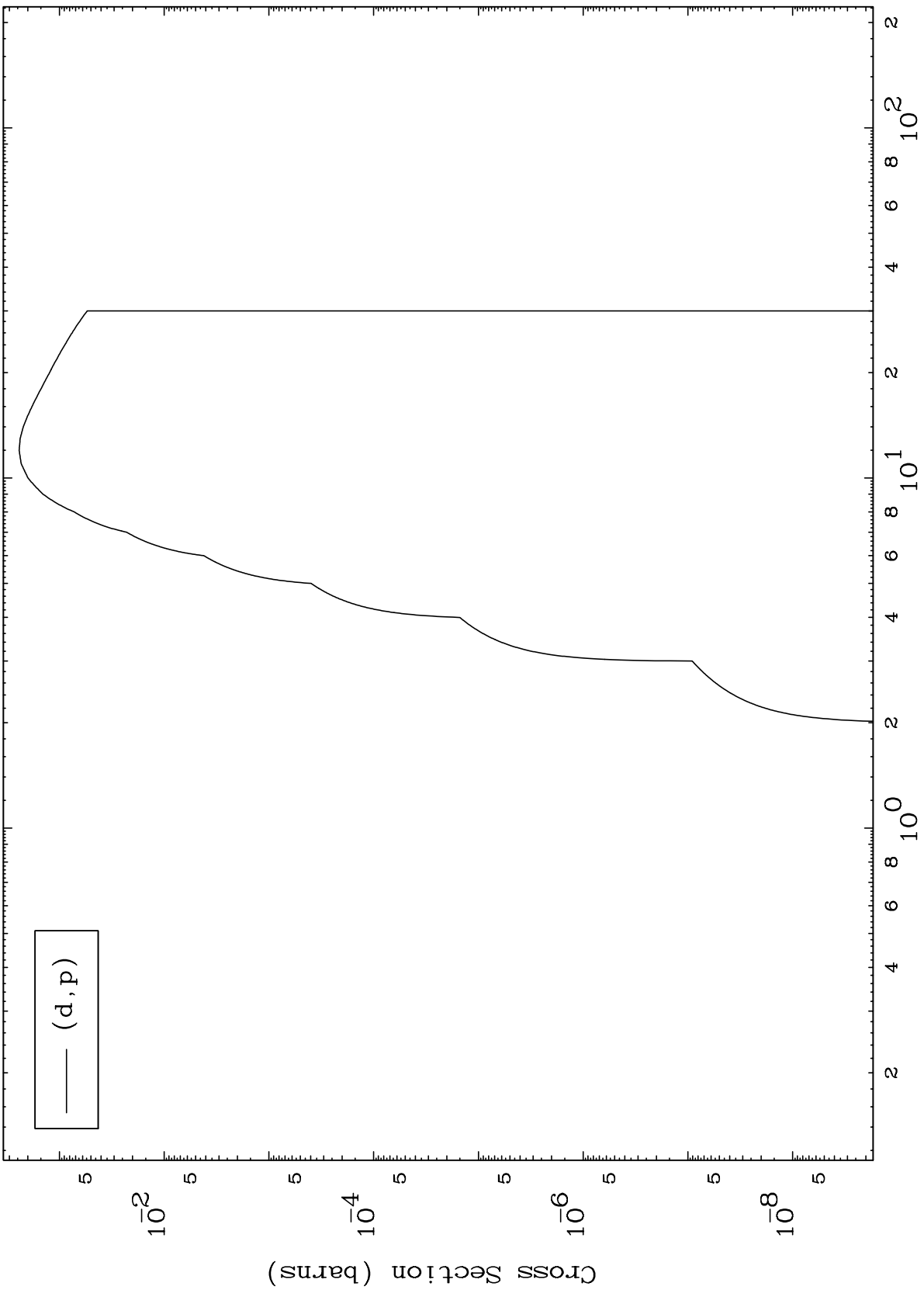
62-Sm-139

MAT 6210

(d,p) Levels

62-Sm-139

0 Kelvin Cross Sections

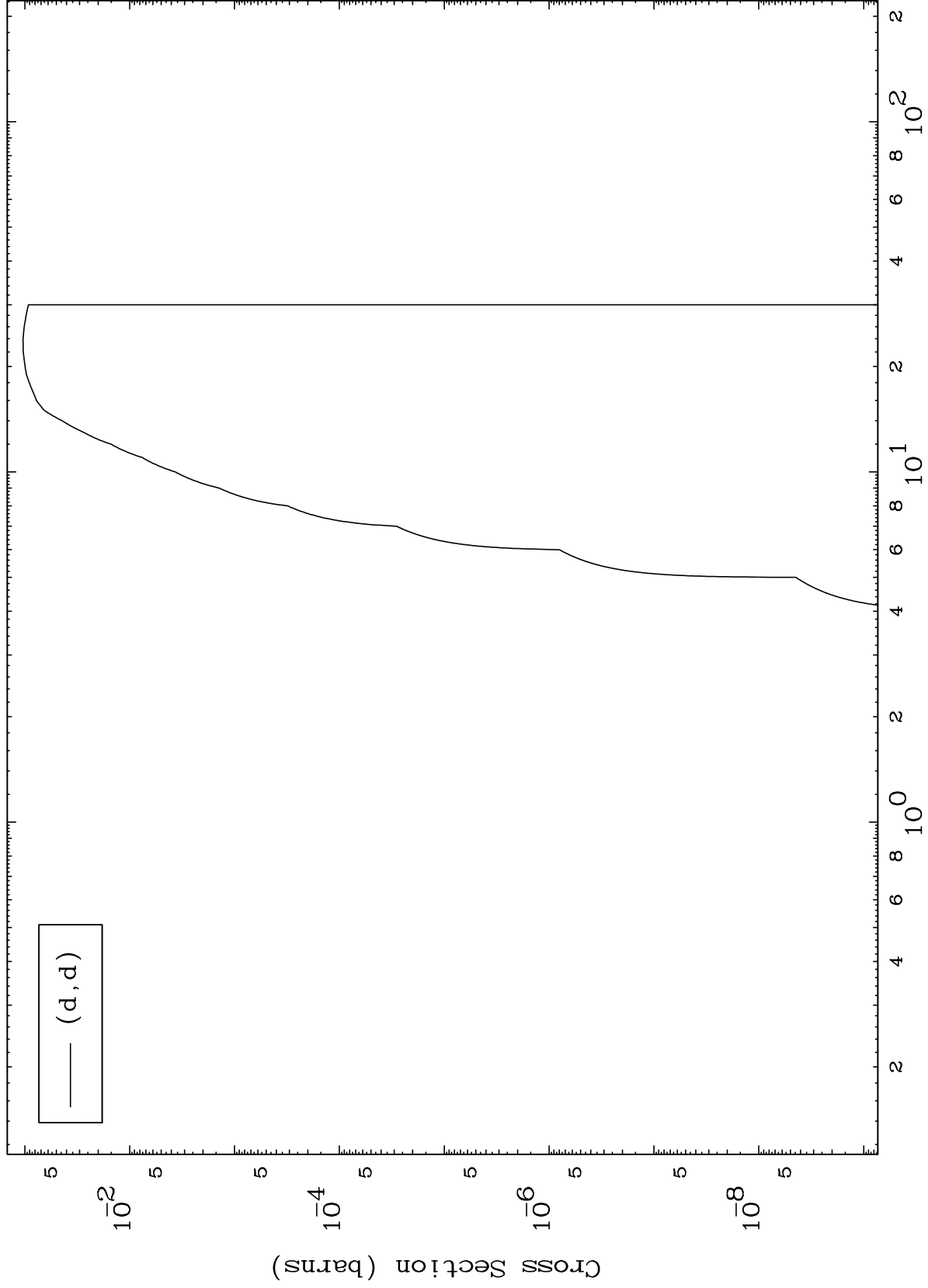


MAT 6210

(d,d) Levels

62-Sm-139

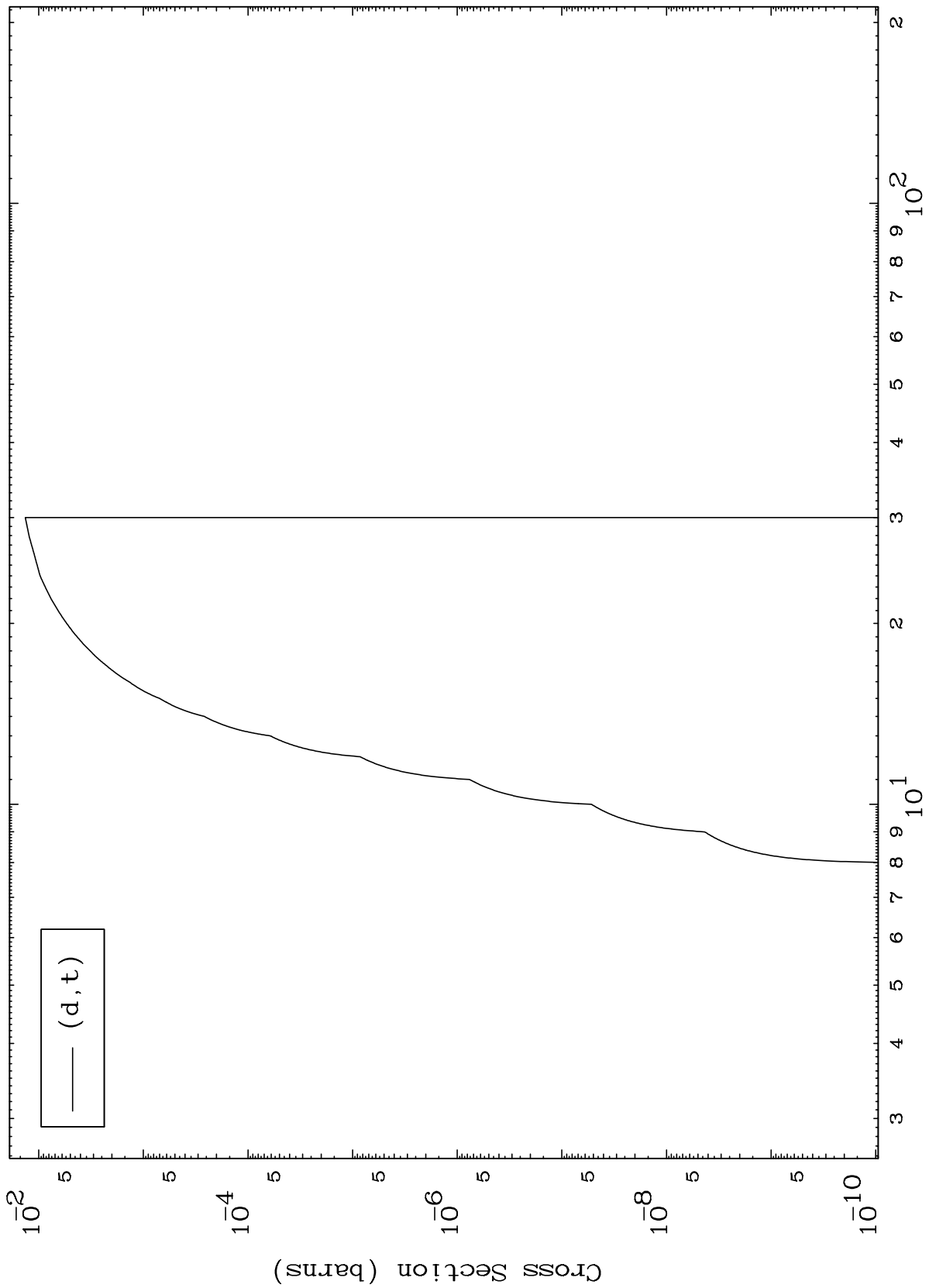
0 Kelvin Cross Sections



MAT 6210

62-Sm-139

(d,t) Levels
0 Kelvin Cross Sections

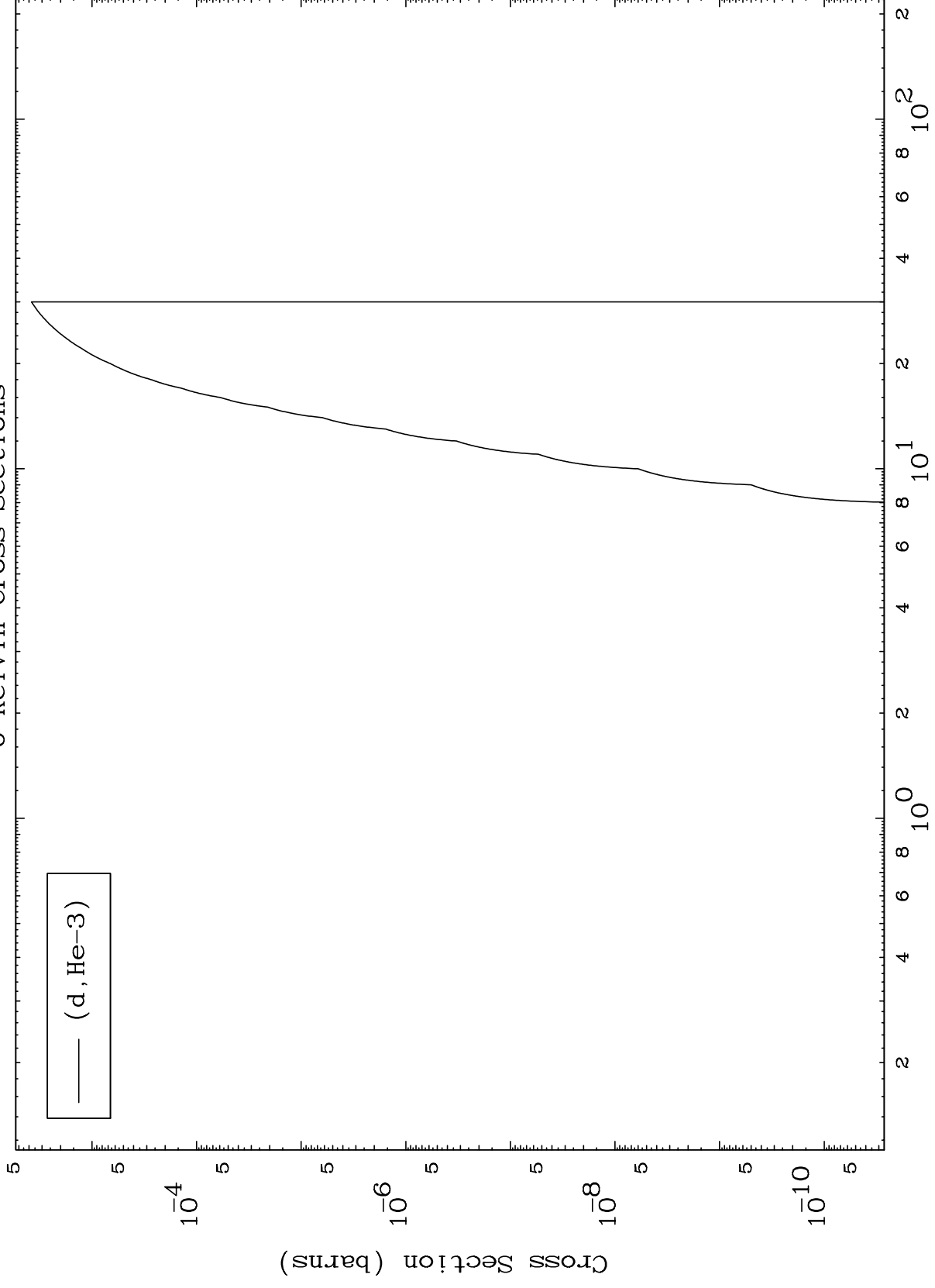


MAT 6210

(d,He3) Levels

62-Sm-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

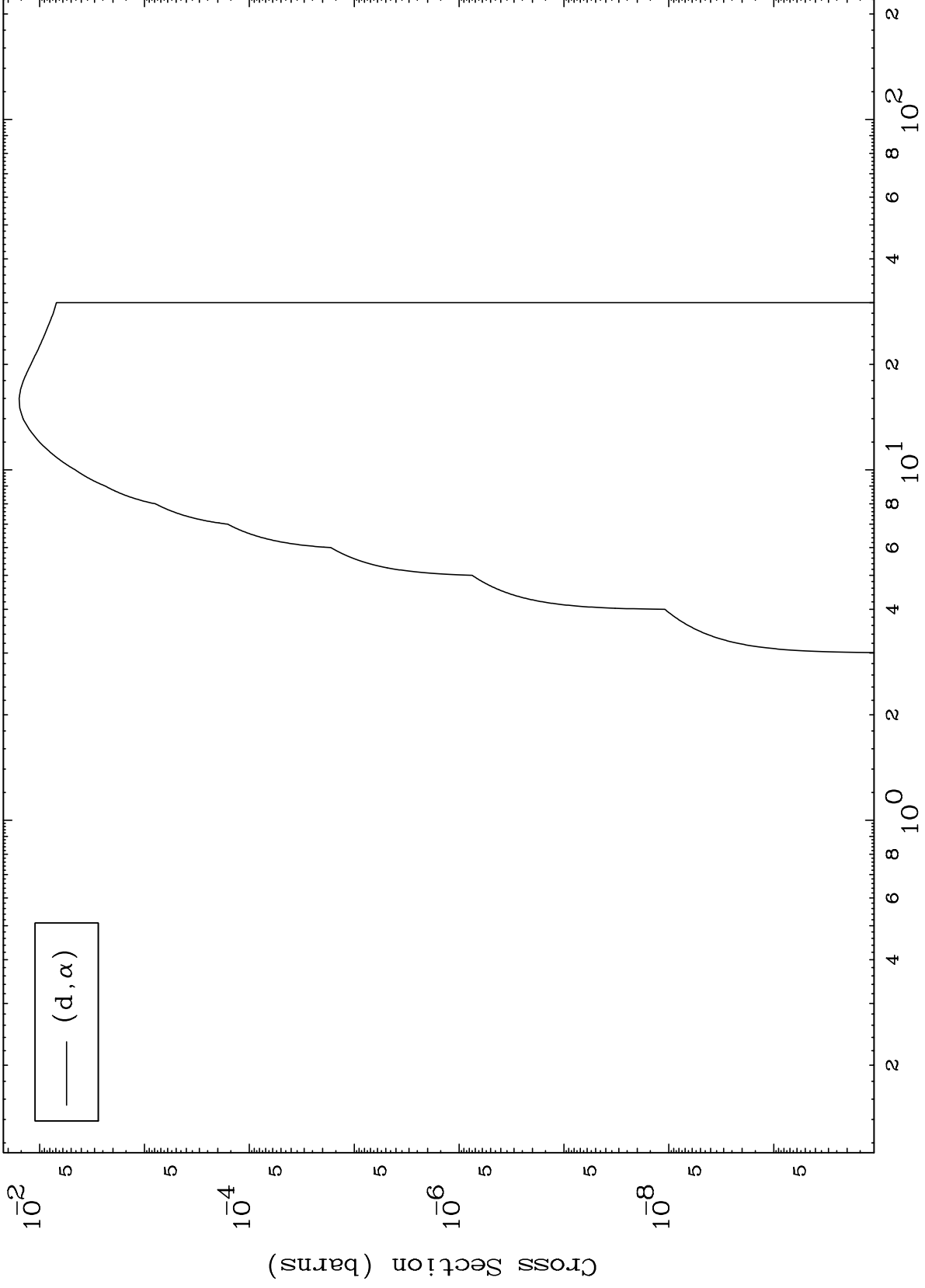
62-Sm-139

MAT 6210

(d, α) Levels

62-Sm-139

0 Kelvin Cross Sections

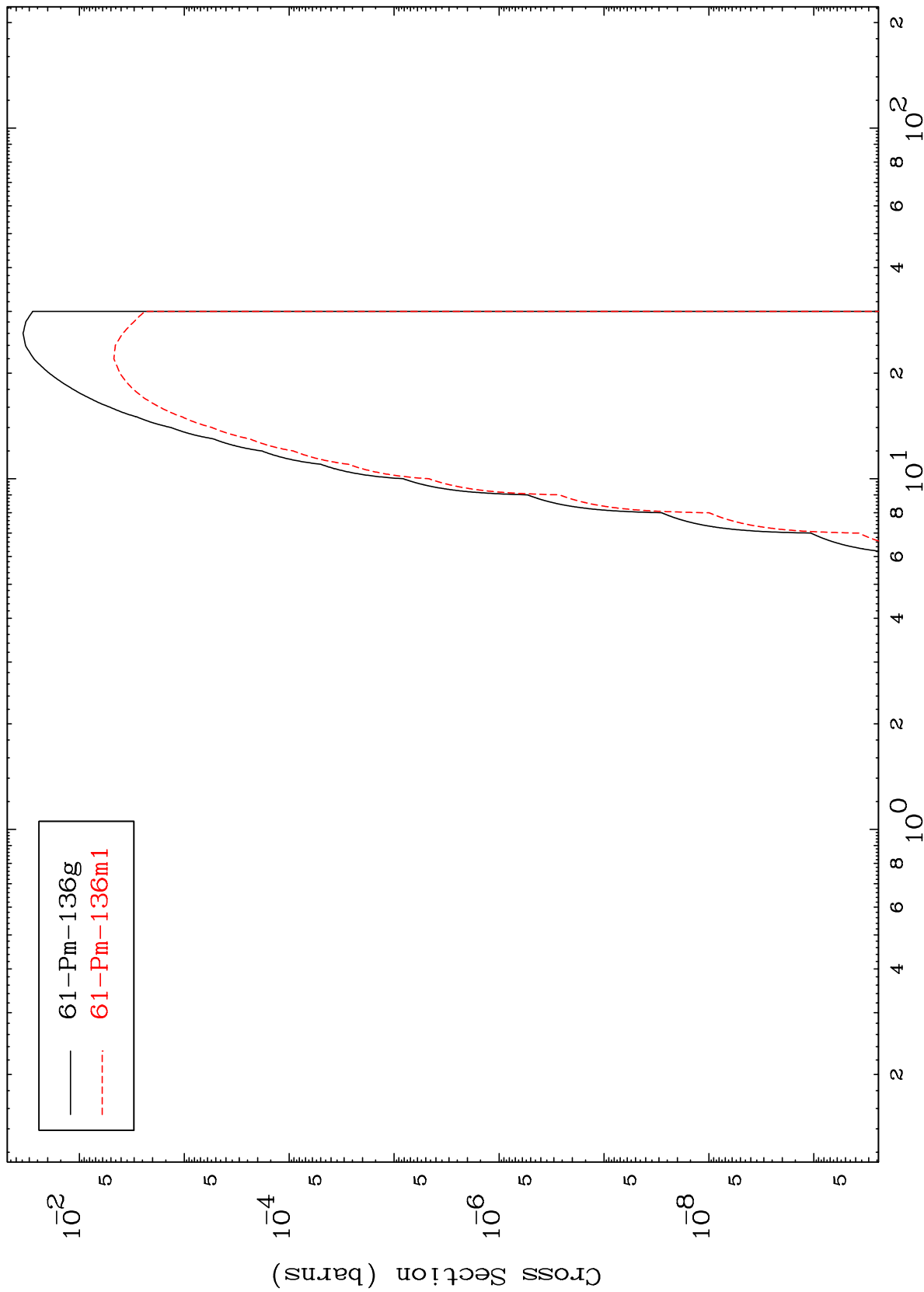


MAT 6210

(d,n') α

62-Sm-139

Radionuclide Production Cross Section



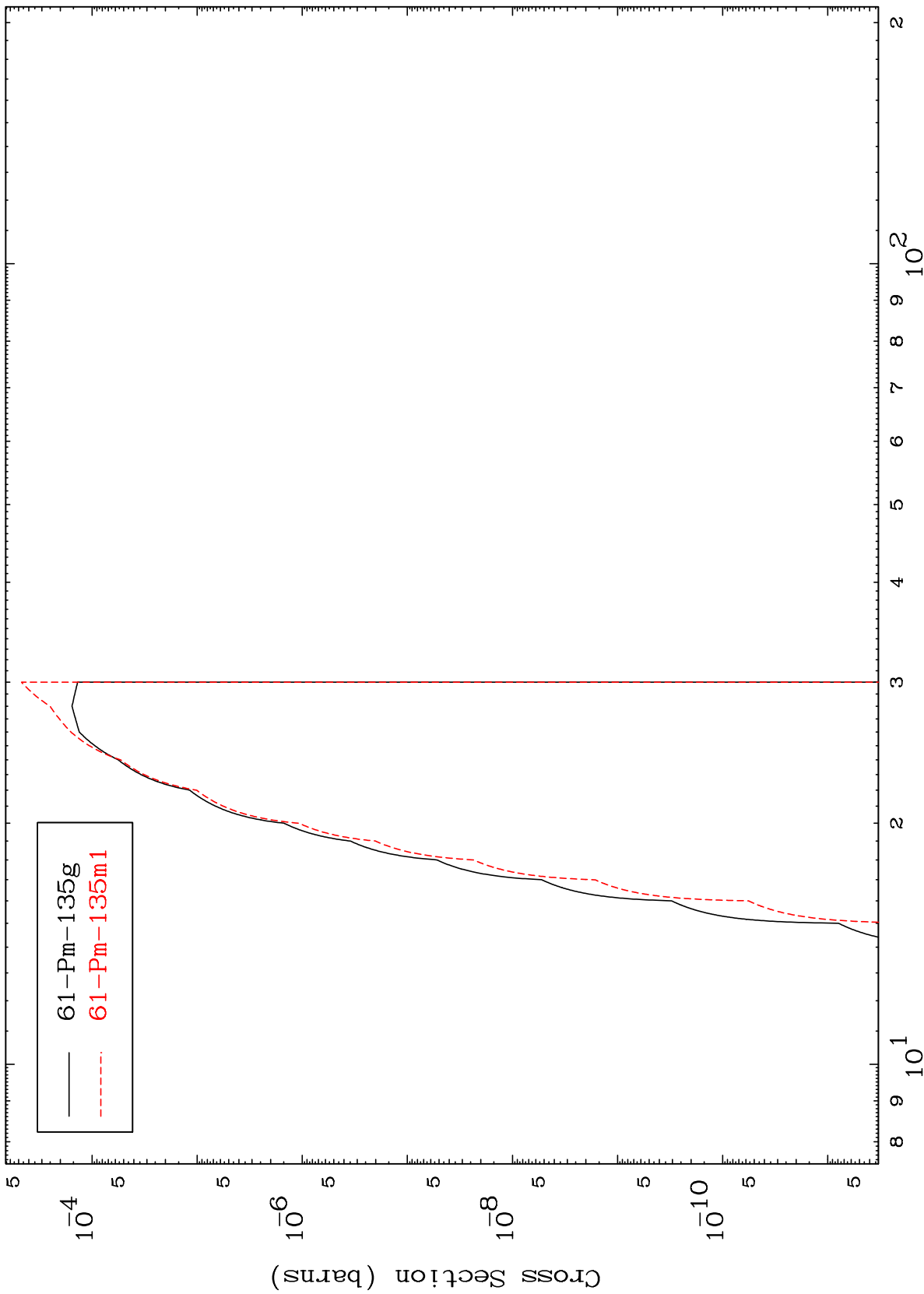
61-Pm-136g
61-Pm-136m1

MAT 6210

(d,2n) α

62-Sm-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

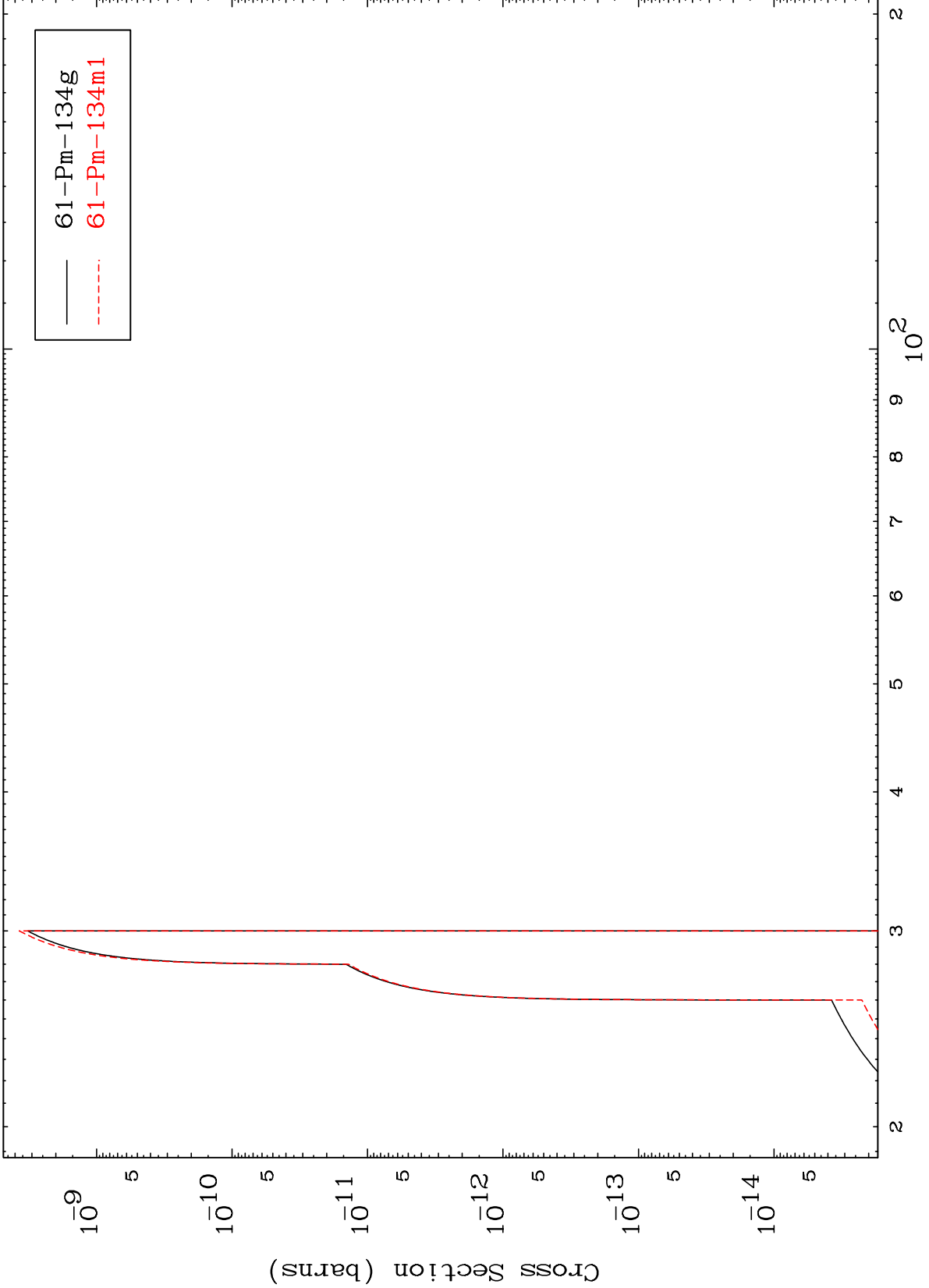
62-Sm-139

MAT 6210

(d,3n) α

62-Sm-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

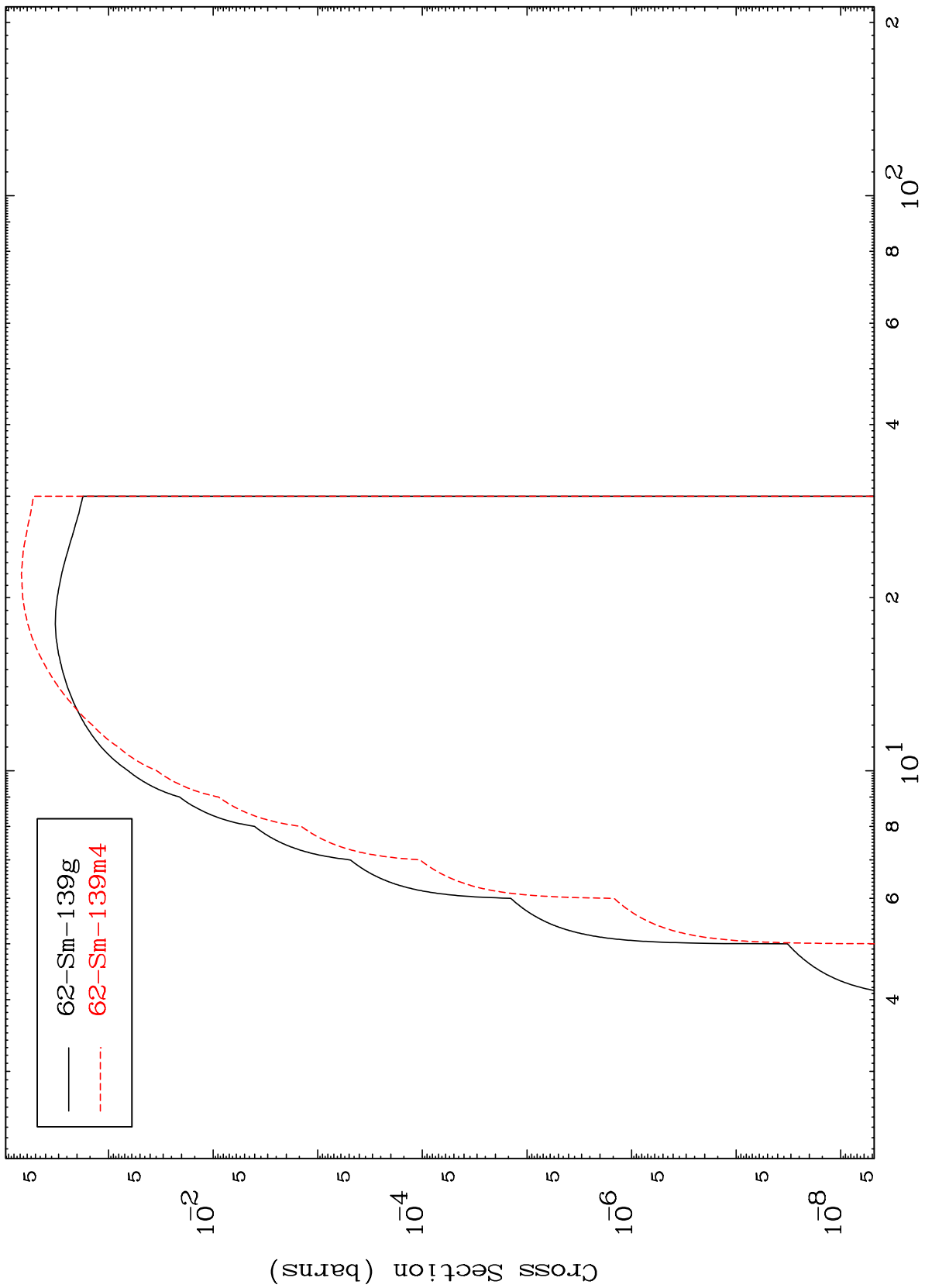
62-Sm-139

MAT 6210

(d,n') p

62-Sm-139

Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4

15

Incident Energy (MeV)

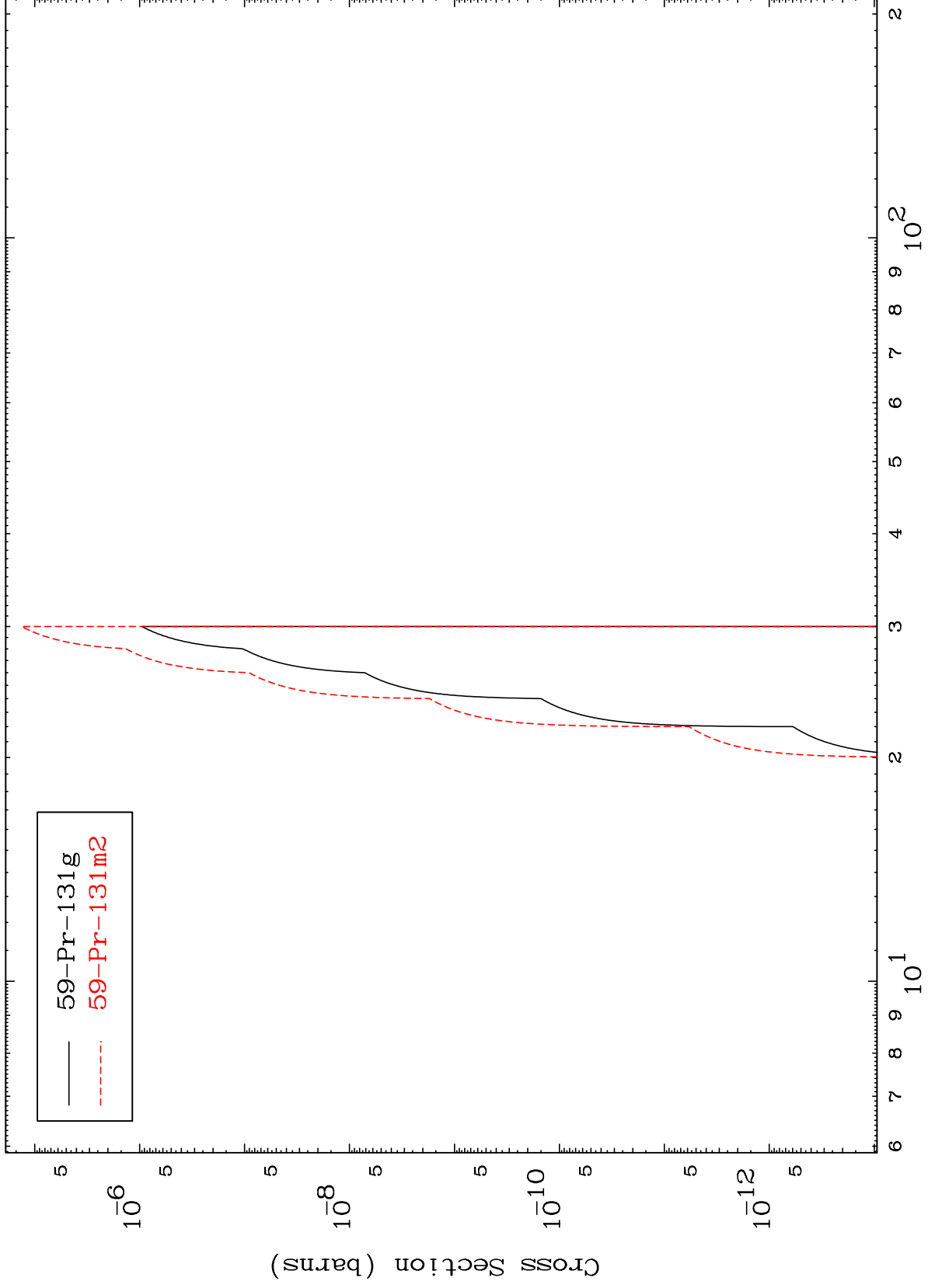
62-Sm-139

MAT 6210

$(d,2n) 2\alpha$

62-Sm-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

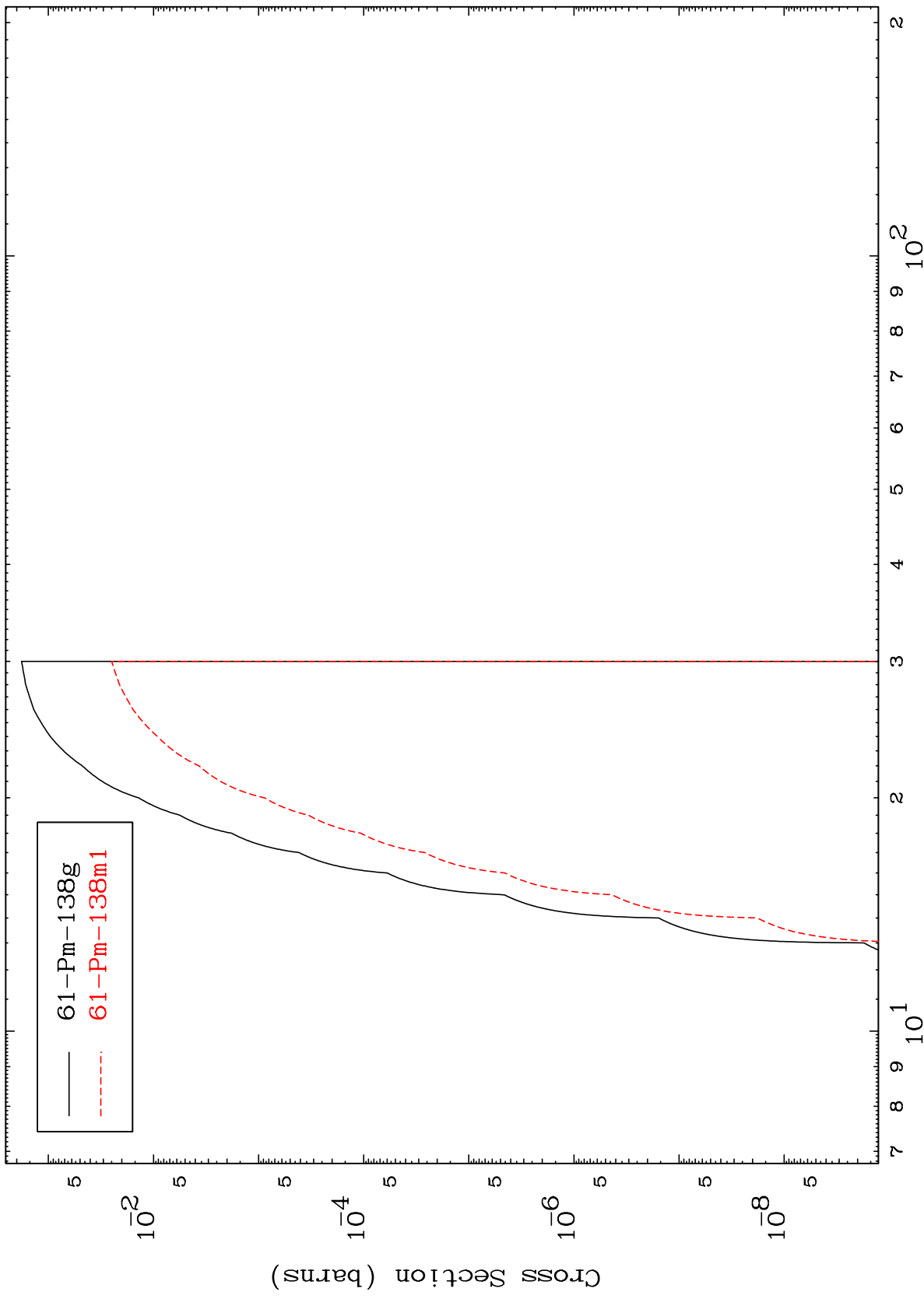
62-Sm-139

MAT 6210

(d,2n) p

62-Sm-139

Radionuclide Production Cross Section



17

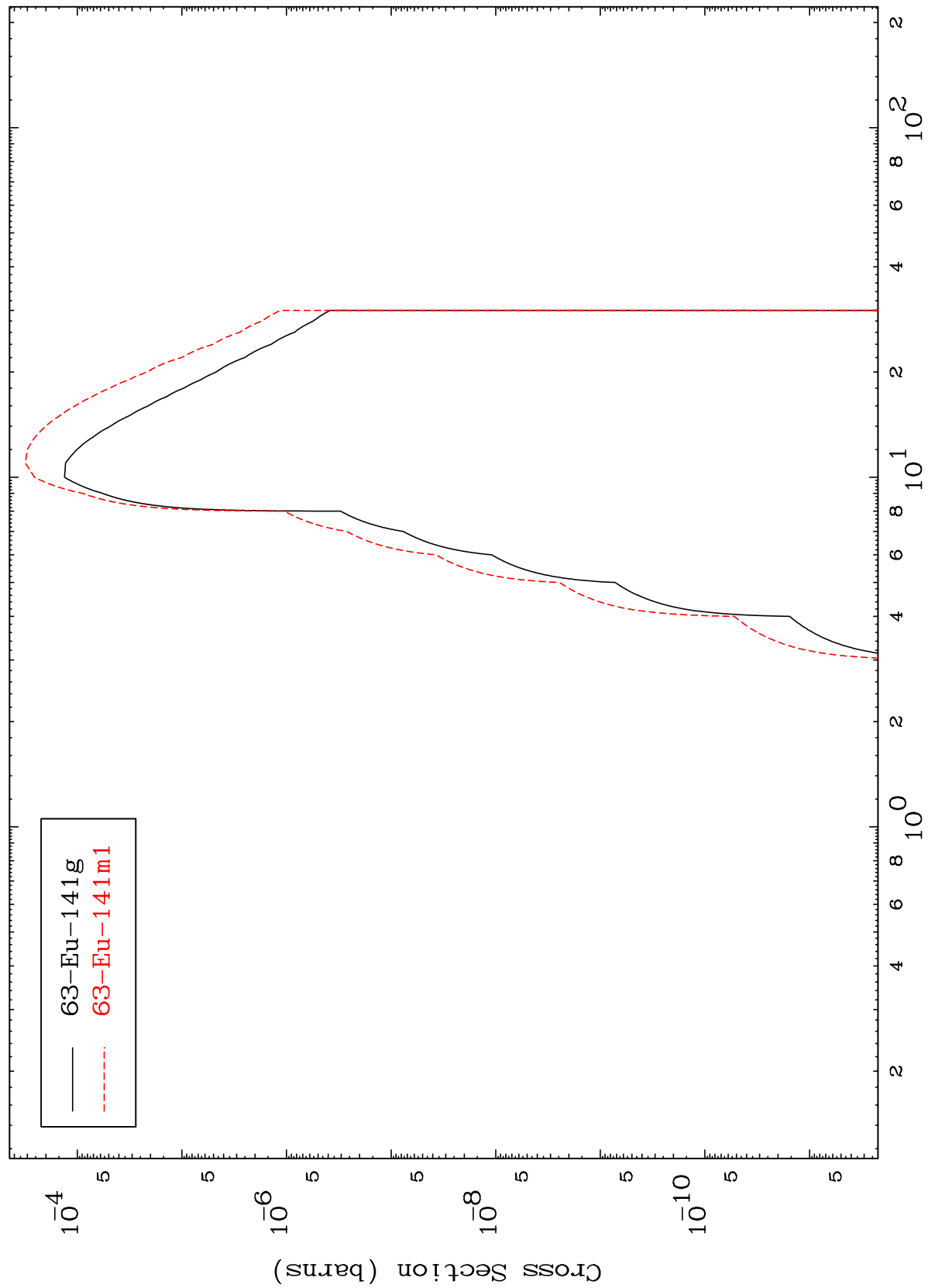
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(d, γ)
Radionuclide Production Cross Section



62-Sm-139

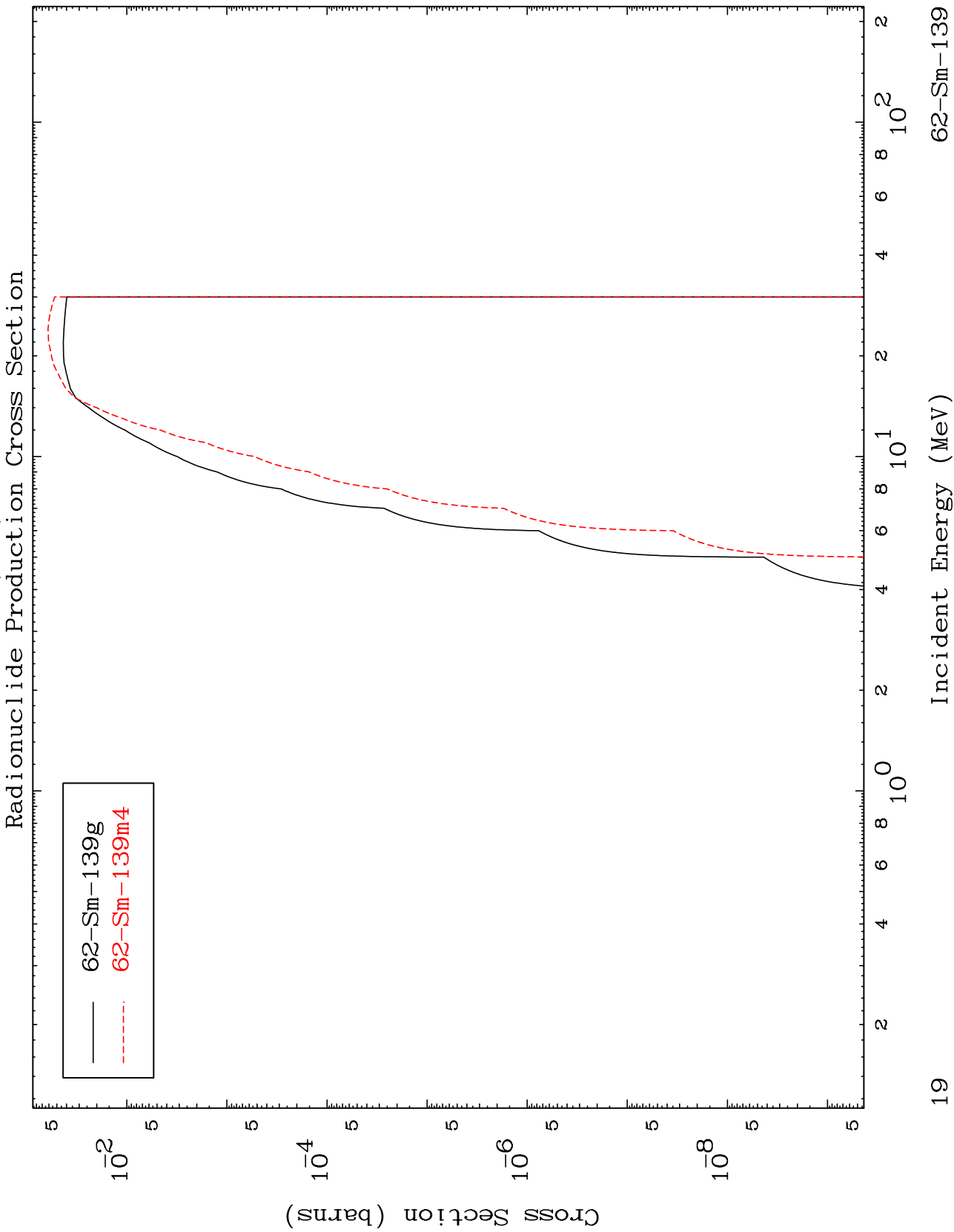
Incident Energy (MeV)

18

MAT 6210

(d,d)

62-Sm-139

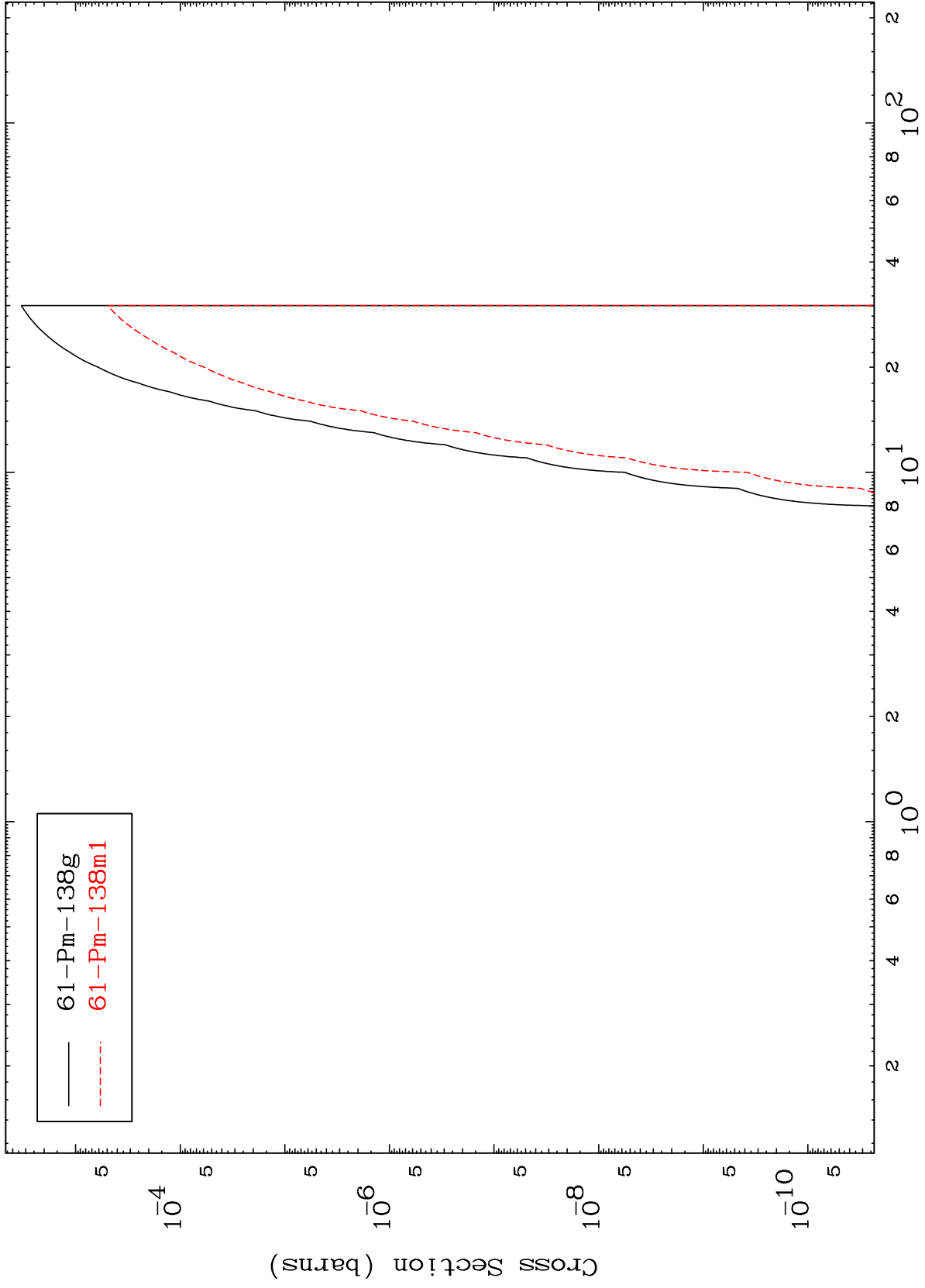


MAT 6210

(d,He-3)

62-Sm-139

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

20

Incident Energy (MeV)

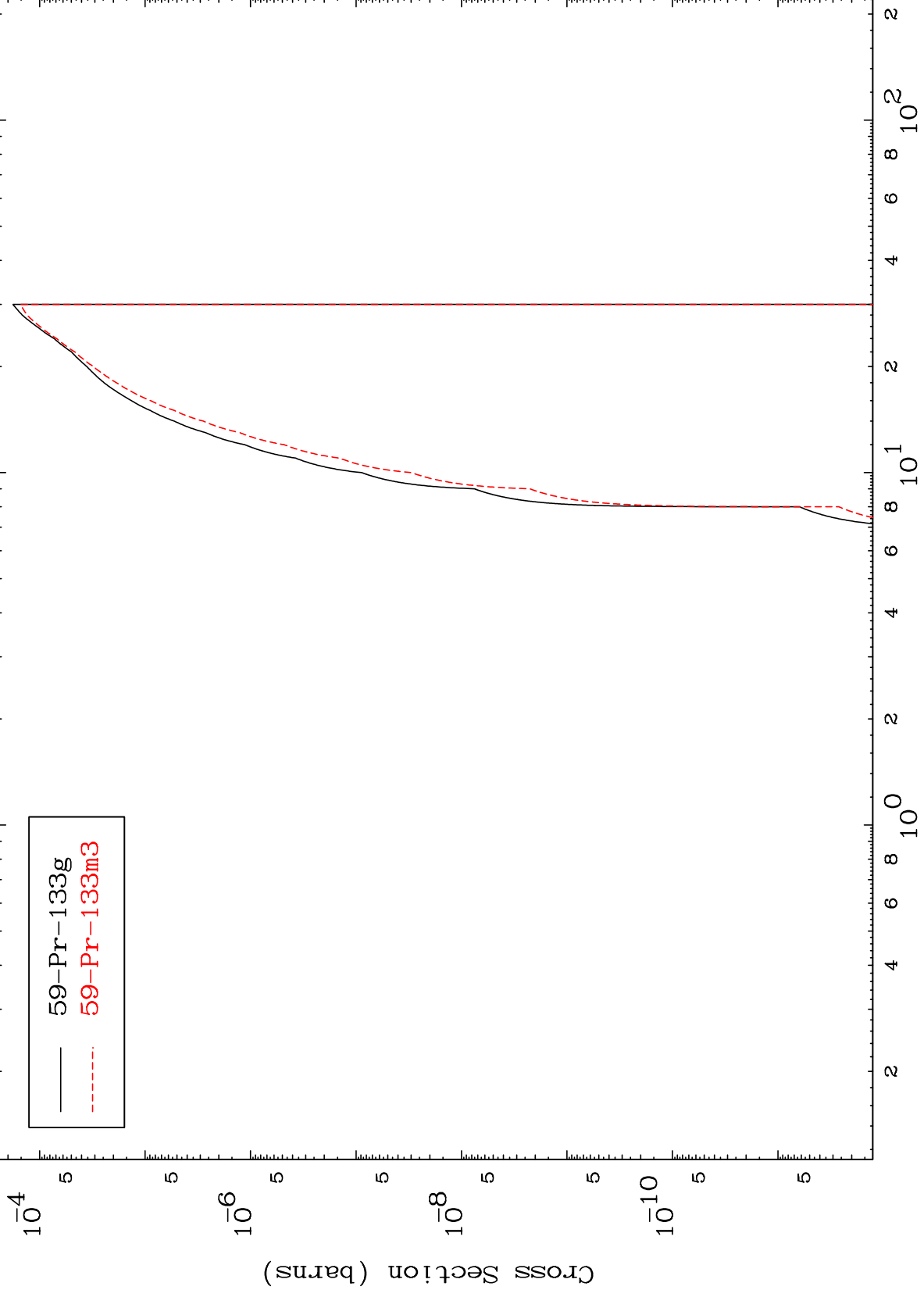
62-Sm-139

MAT 6210

(d,2 α)

62-Sm-139

Radionuclide Production Cross Section



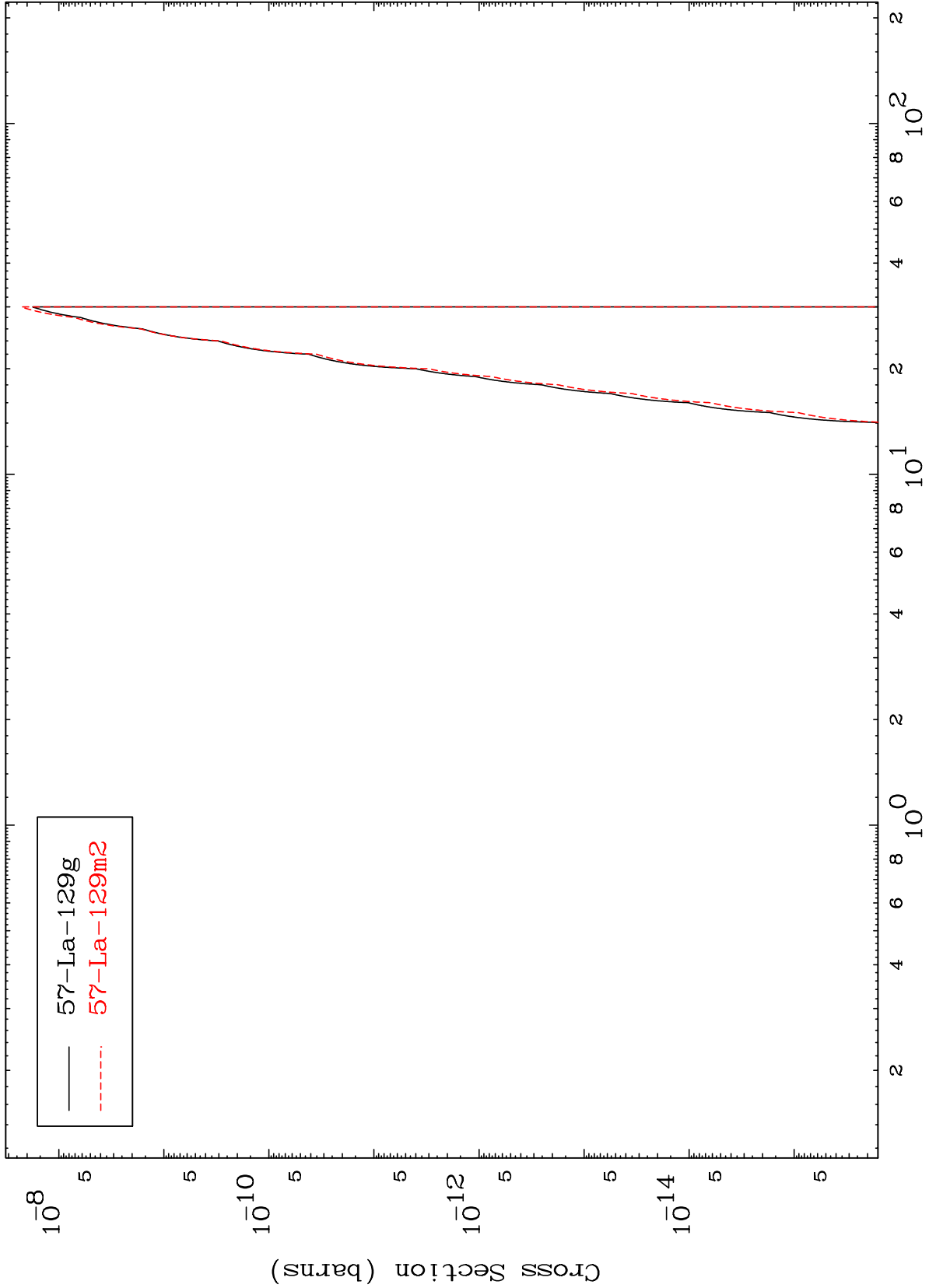
59-Pr-133g
59-Pr-133m3

MAT 6210

(d,3 α)

62-Sm-139

Radionuclide Production Cross Section



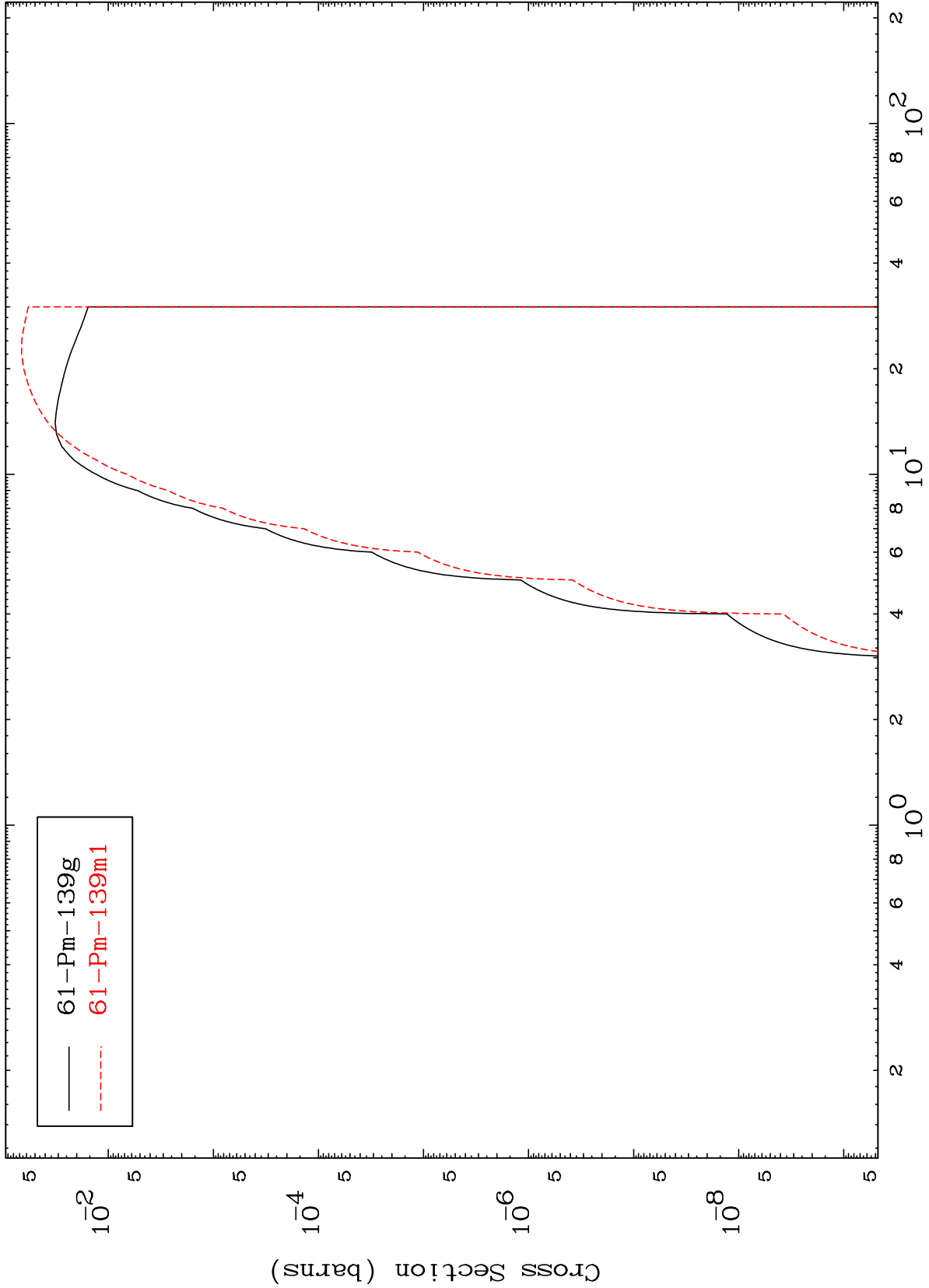
— 57-La-129g
- - - 57-La-129m2

MAT 6210

(d,2p)

62-Sm-139

Radionuclide Production Cross Section



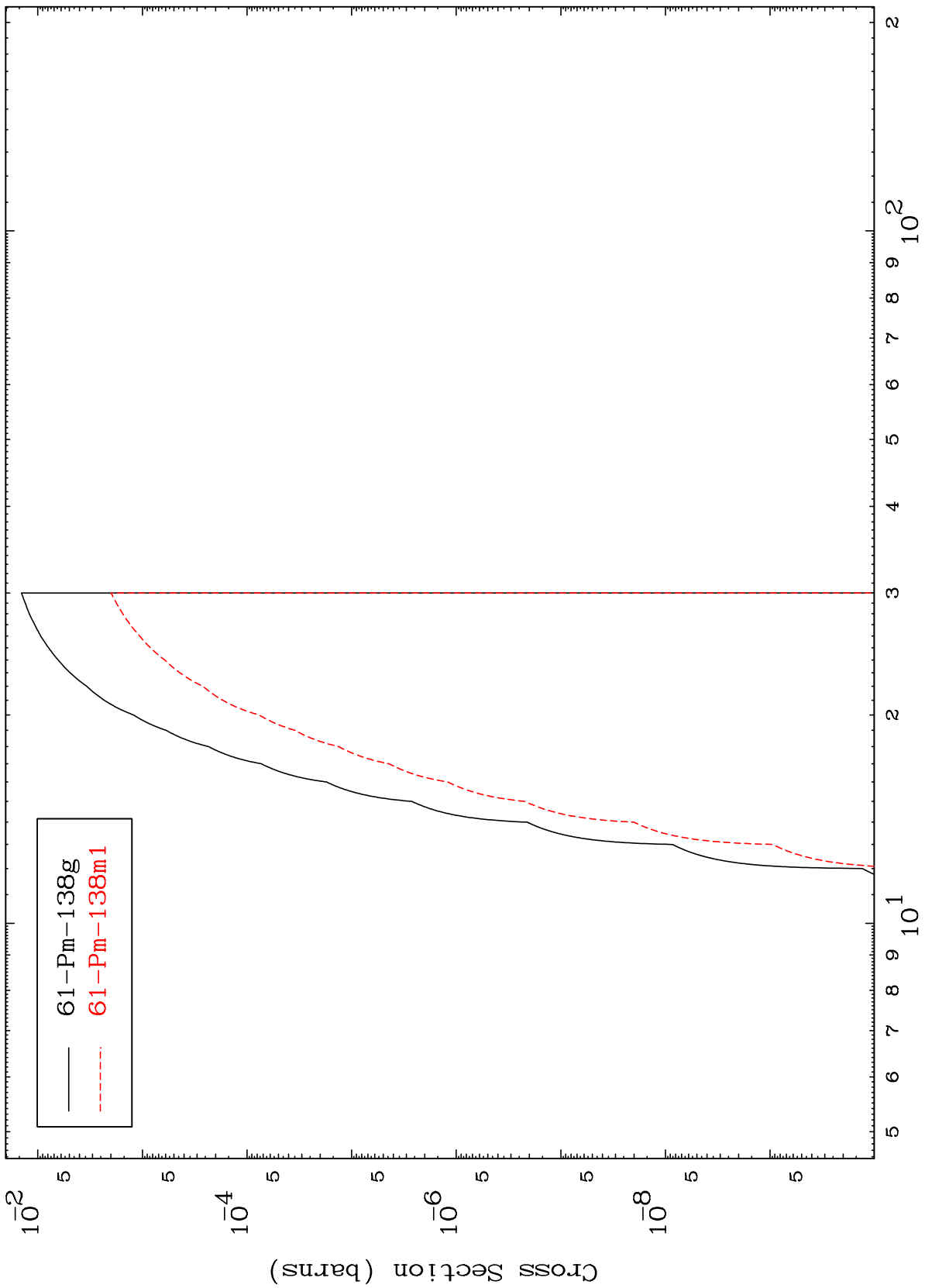
61-Pm-139g
61-Pm-139m1

MAT 6210

(d,p) d

62-Sm-139

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

24

Incident Energy (MeV)

62-Sm-139