

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

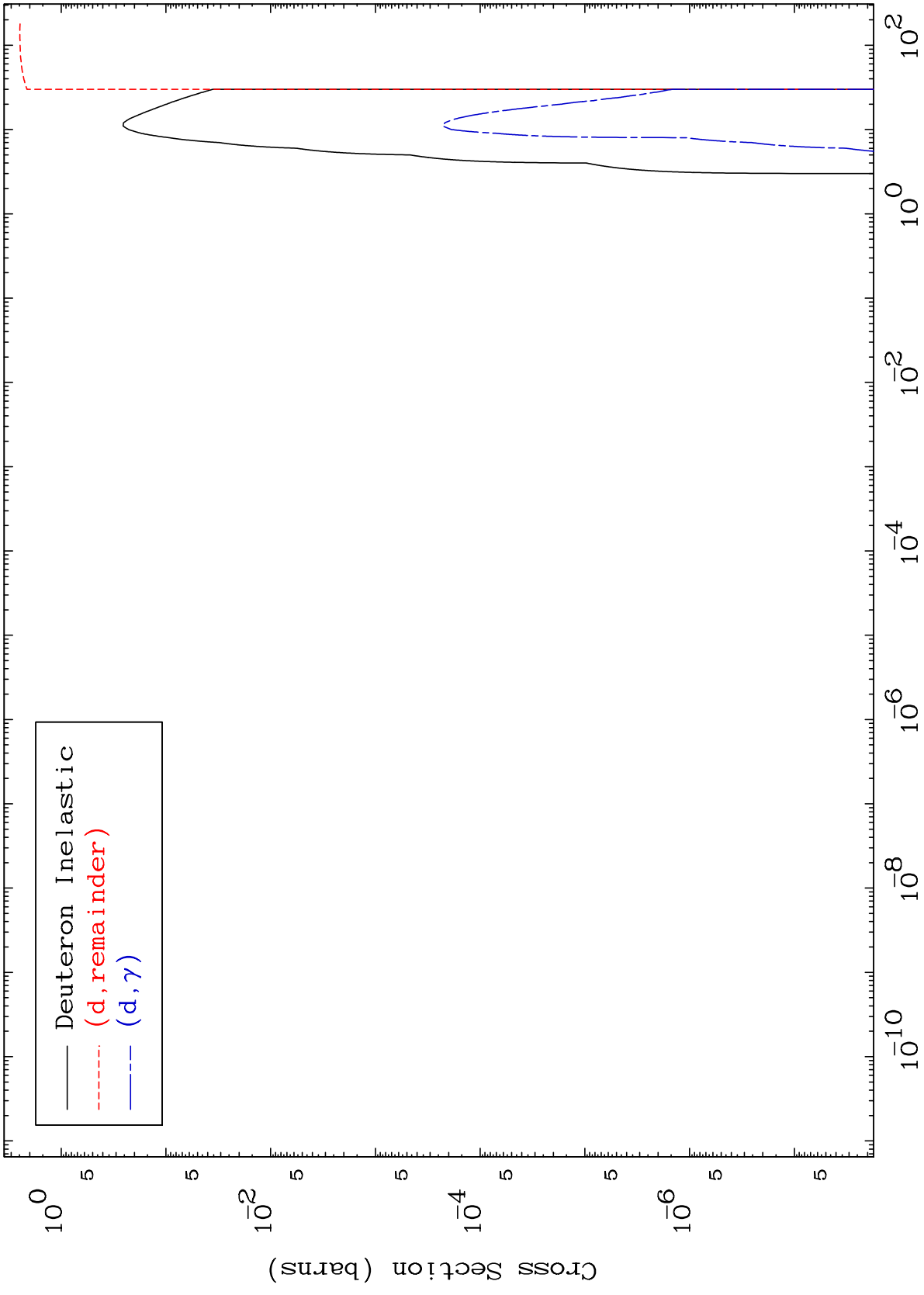
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6210

Deuteron Major
0 Kelvin Cross Sections

62-Sm-139

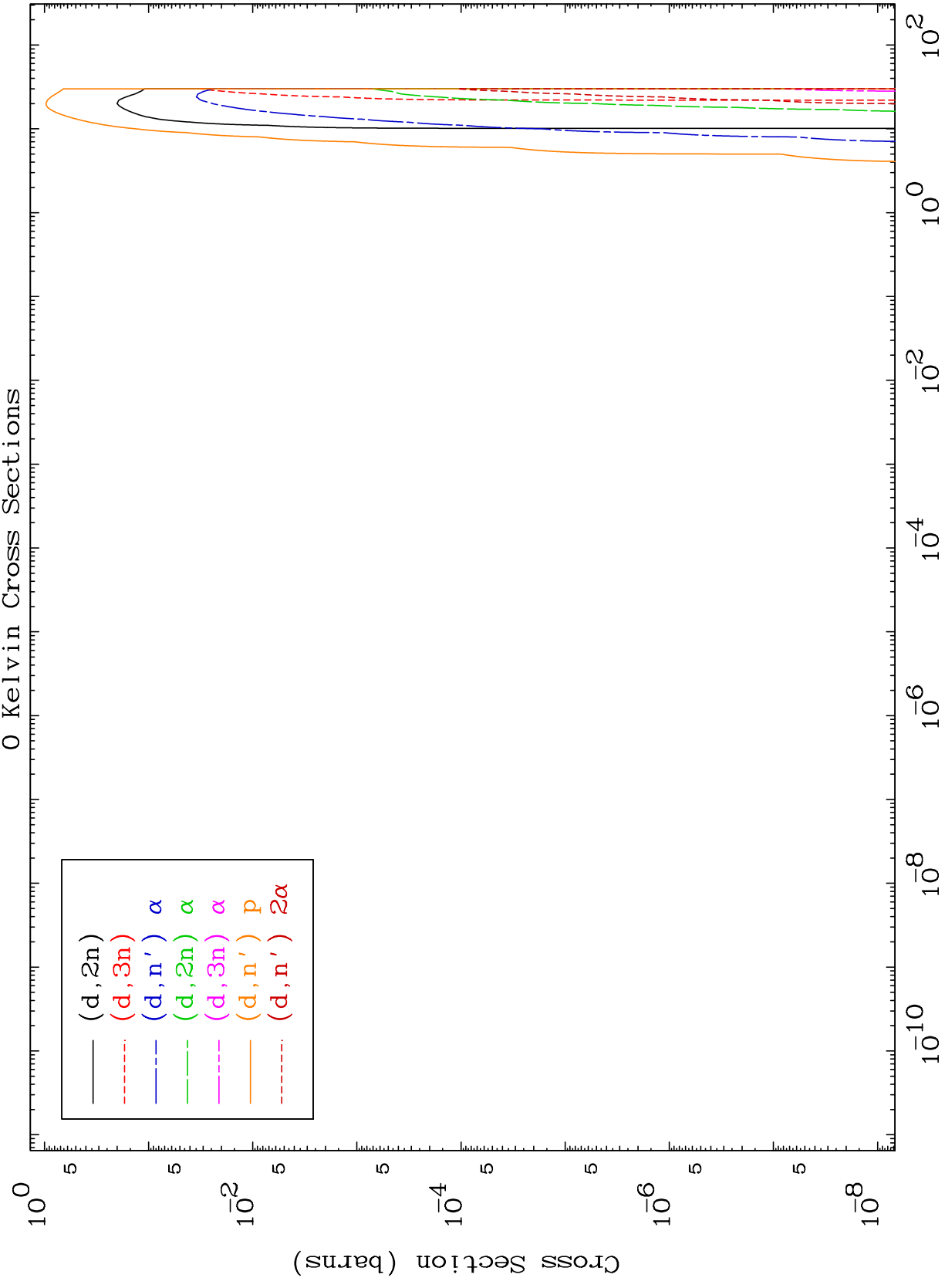


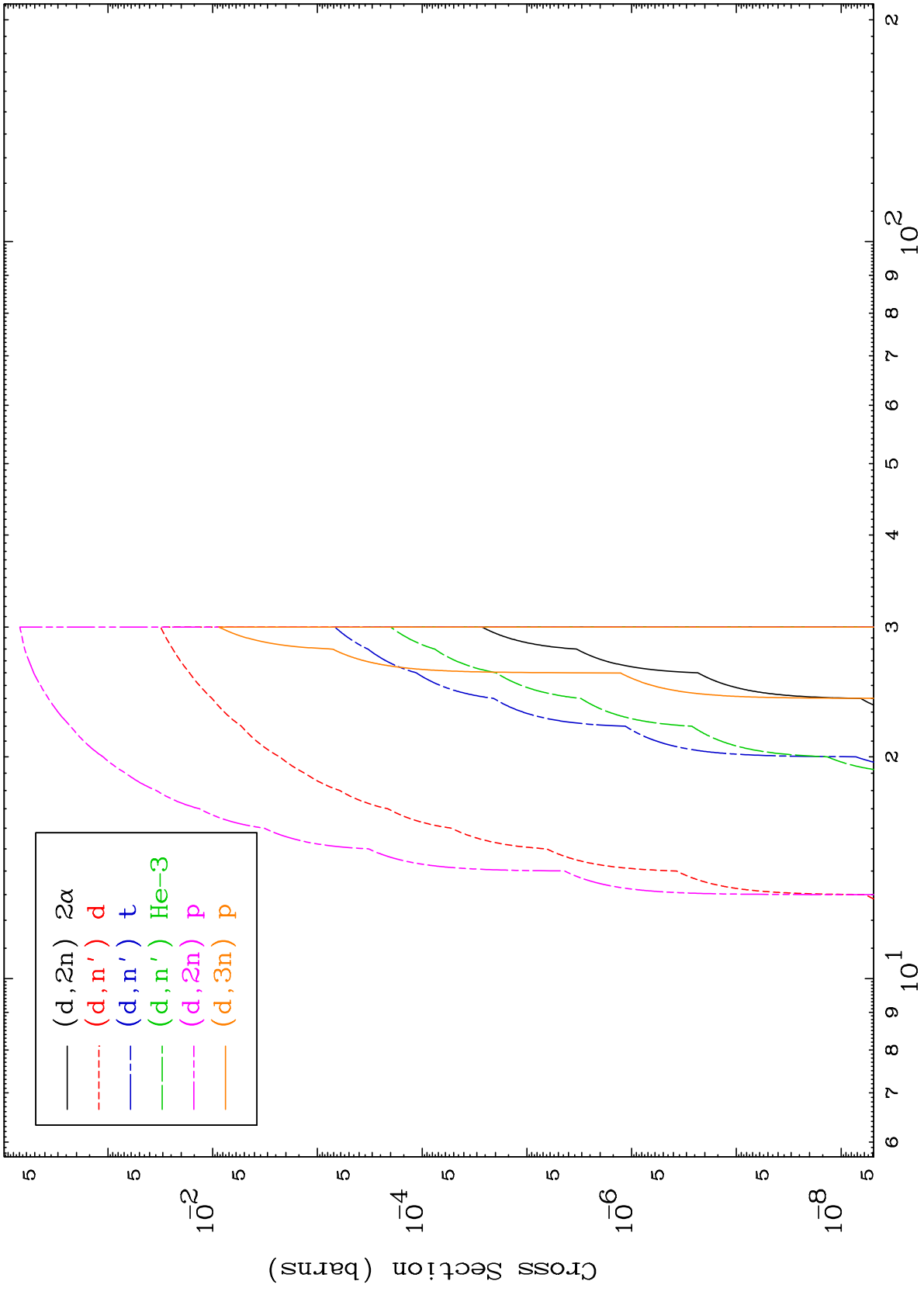
62-Sm-139

MAT 6210

Deuteron Neutron Production
0 Kelvin Cross Sections

62-Sm-139

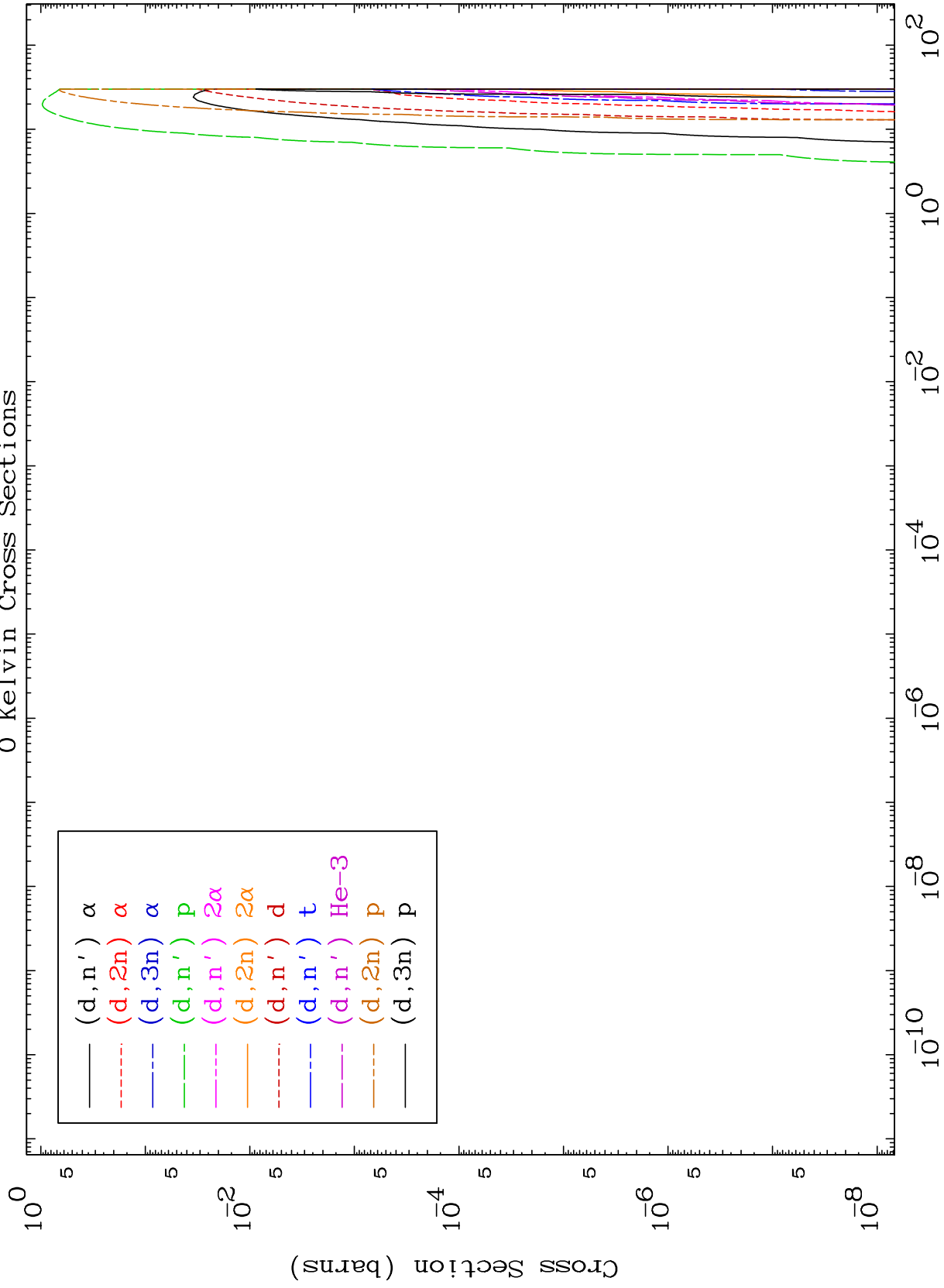




MAT 6210

Deuteron Charged Particle
0 Kelvin Cross Sections

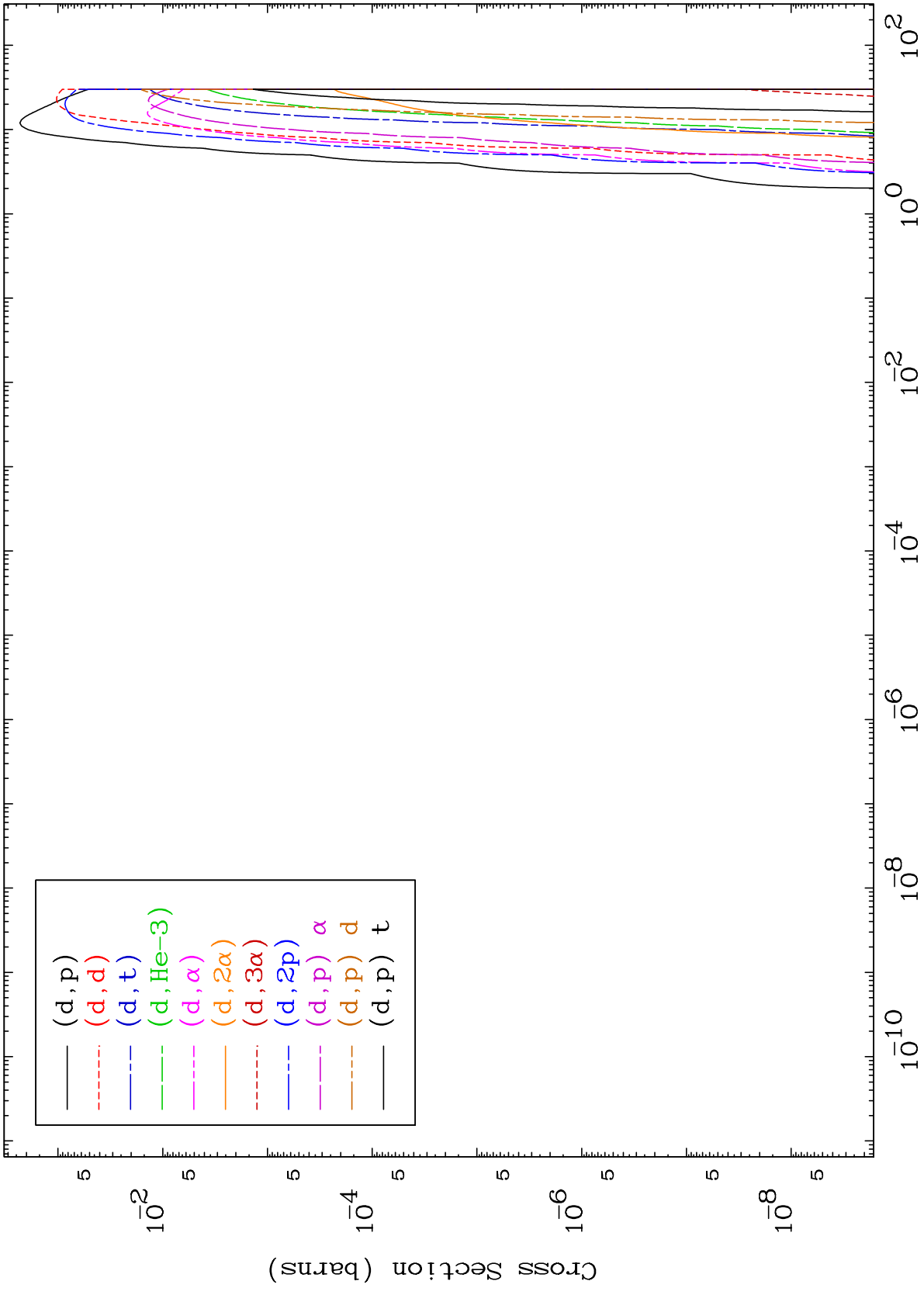
62-Sm-139



MAT 6210

Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-139

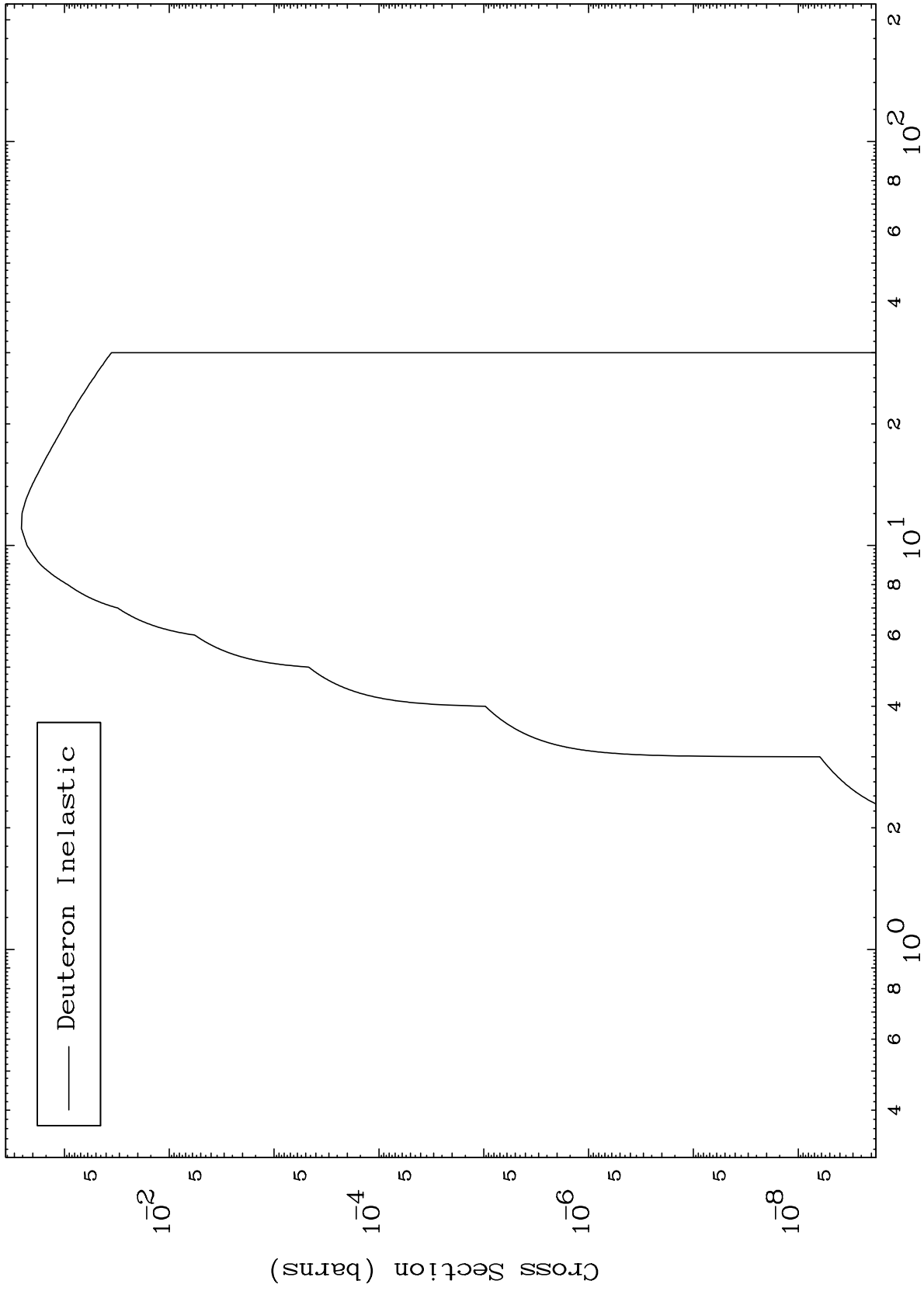


62-Sm-139

MAT 6210

62-Sm-139

(d,n') Level
0 Kelvin Cross Sections



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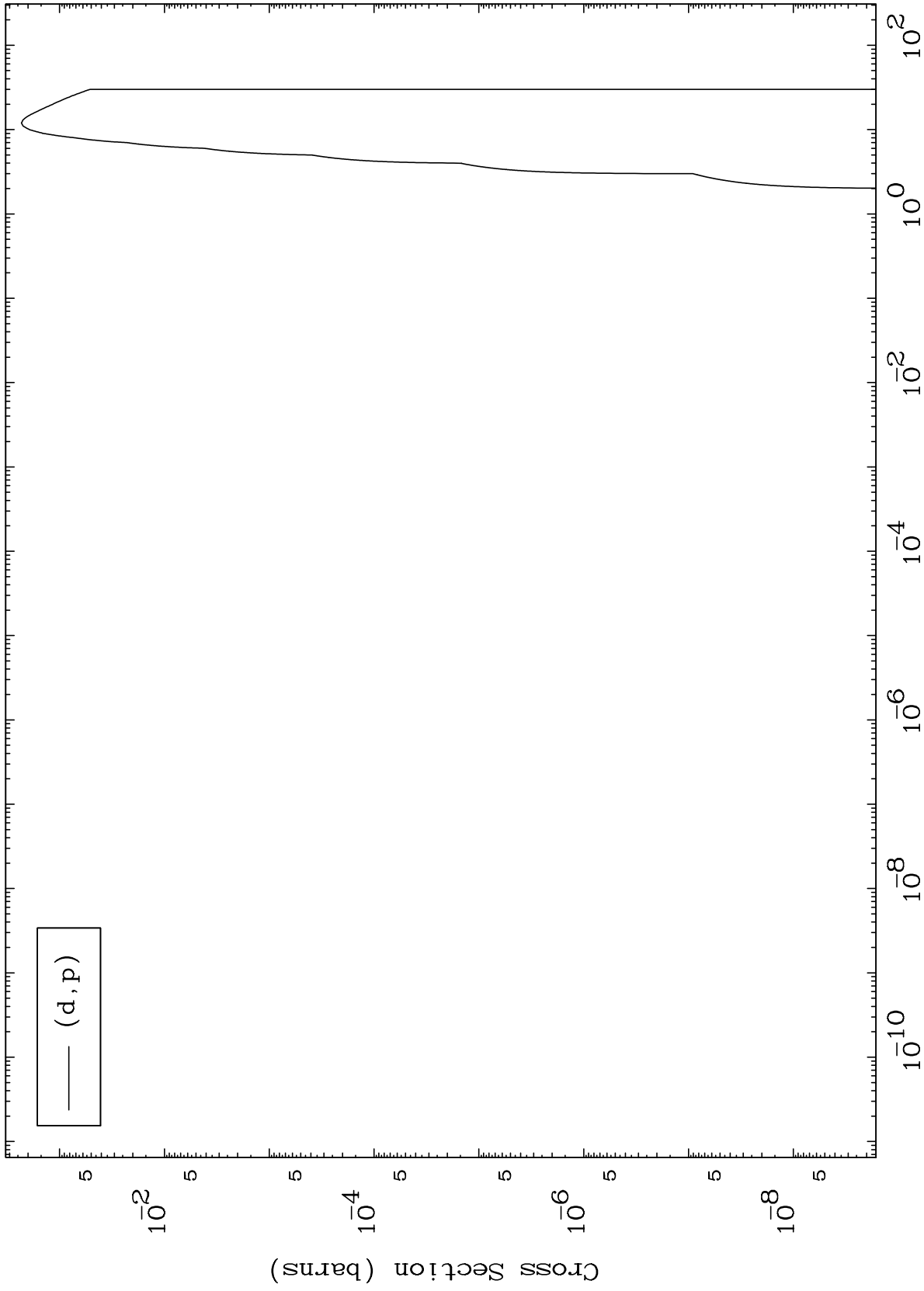
Incident Energy (MeV)

62-Sm-139

MAT 6210

(d,p) Levels
0 Kelvin Cross Sections

62-Sm-139



7

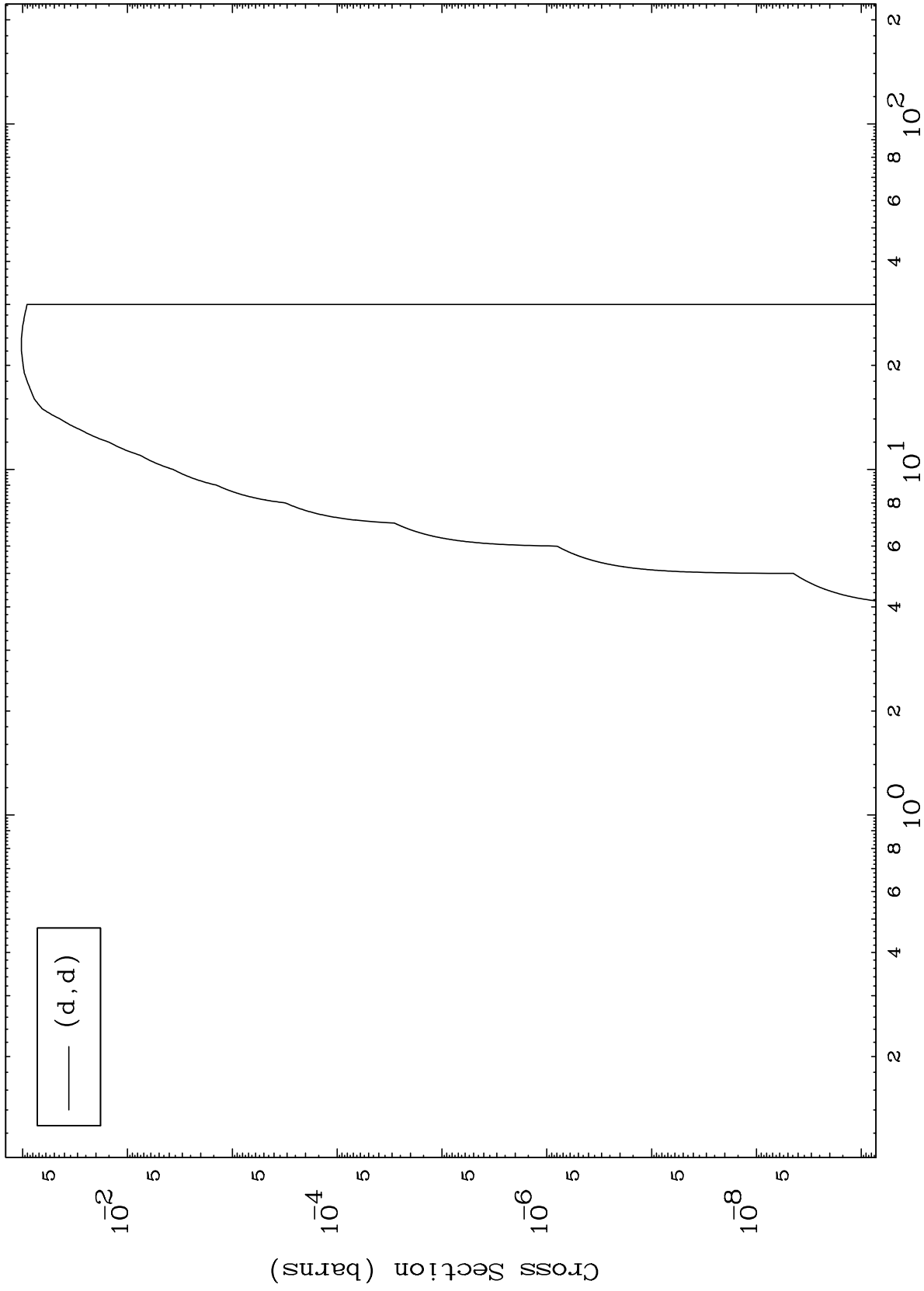
Incident Energy (MeV)

62-Sm-139

MAT 6210

(d,d) Levels
0 Kelvin Cross Sections

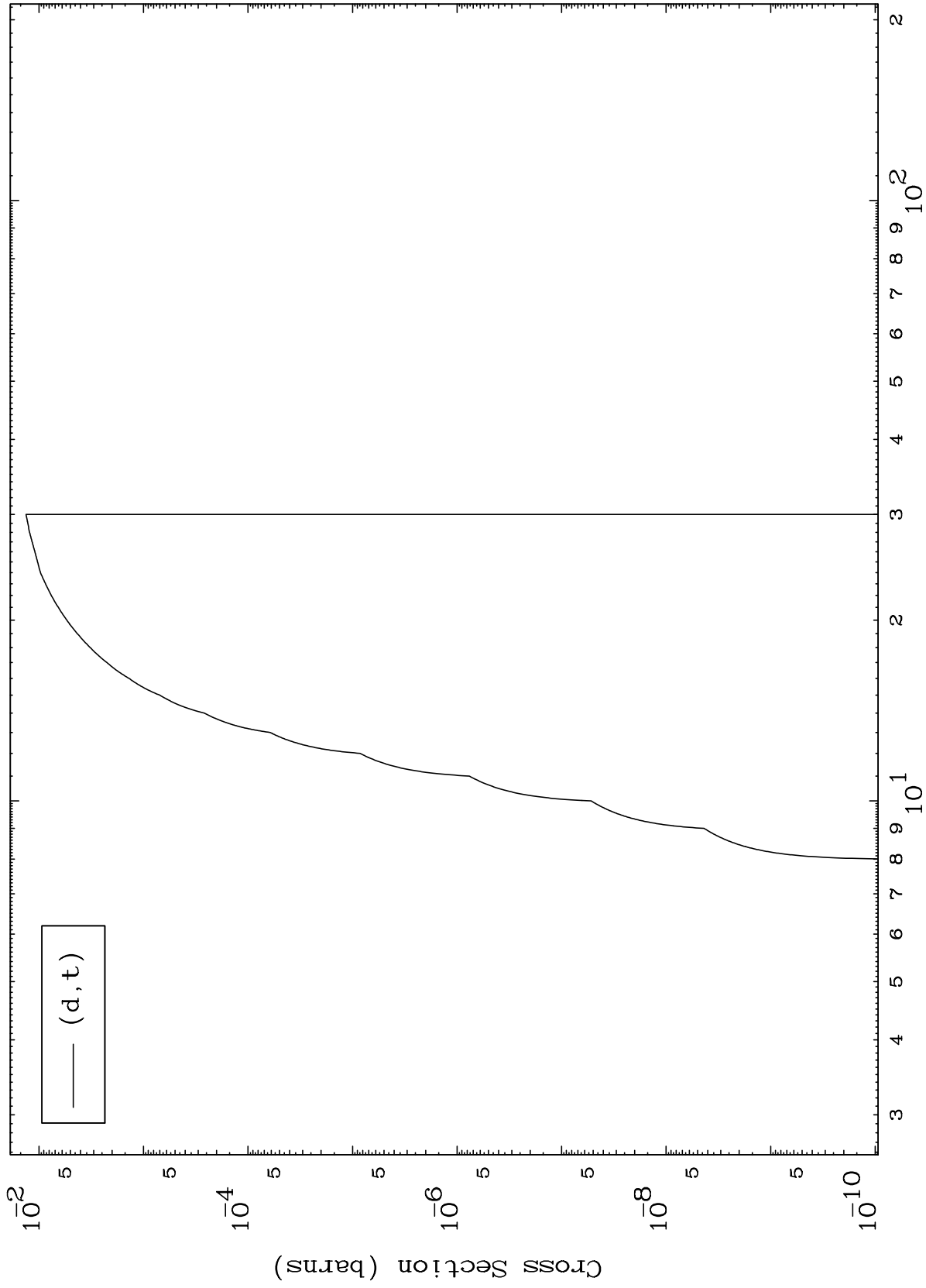
62-Sm-139



MAT 6210

(d,t) Levels
0 Kelvin Cross Sections

62-Sm-139



9

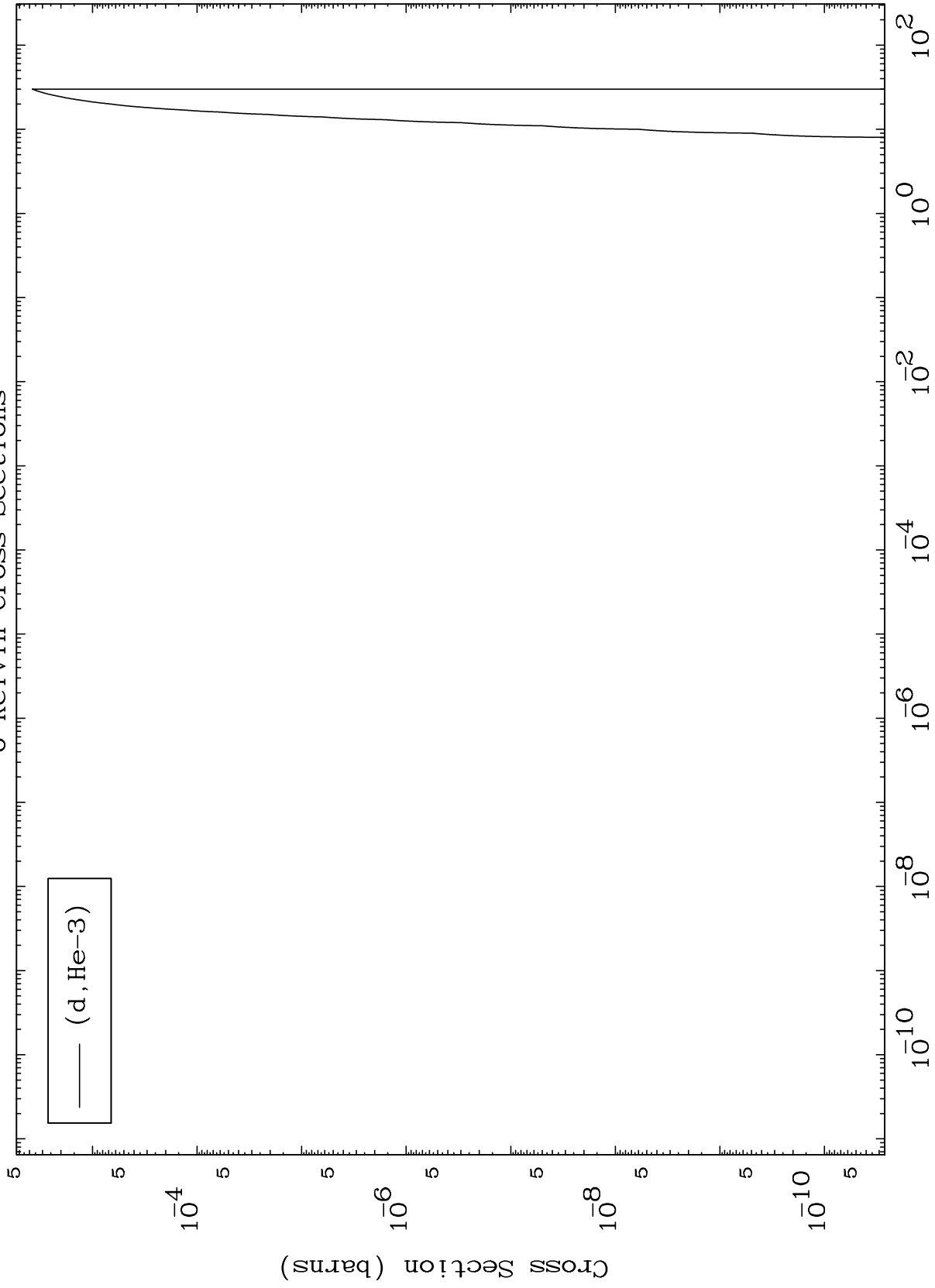
Incident Energy (MeV)

62-Sm-139

MAT 6210

(d,He3) Levels
0 Kelvin Cross Sections

62-Sm-139



(d, He-3)

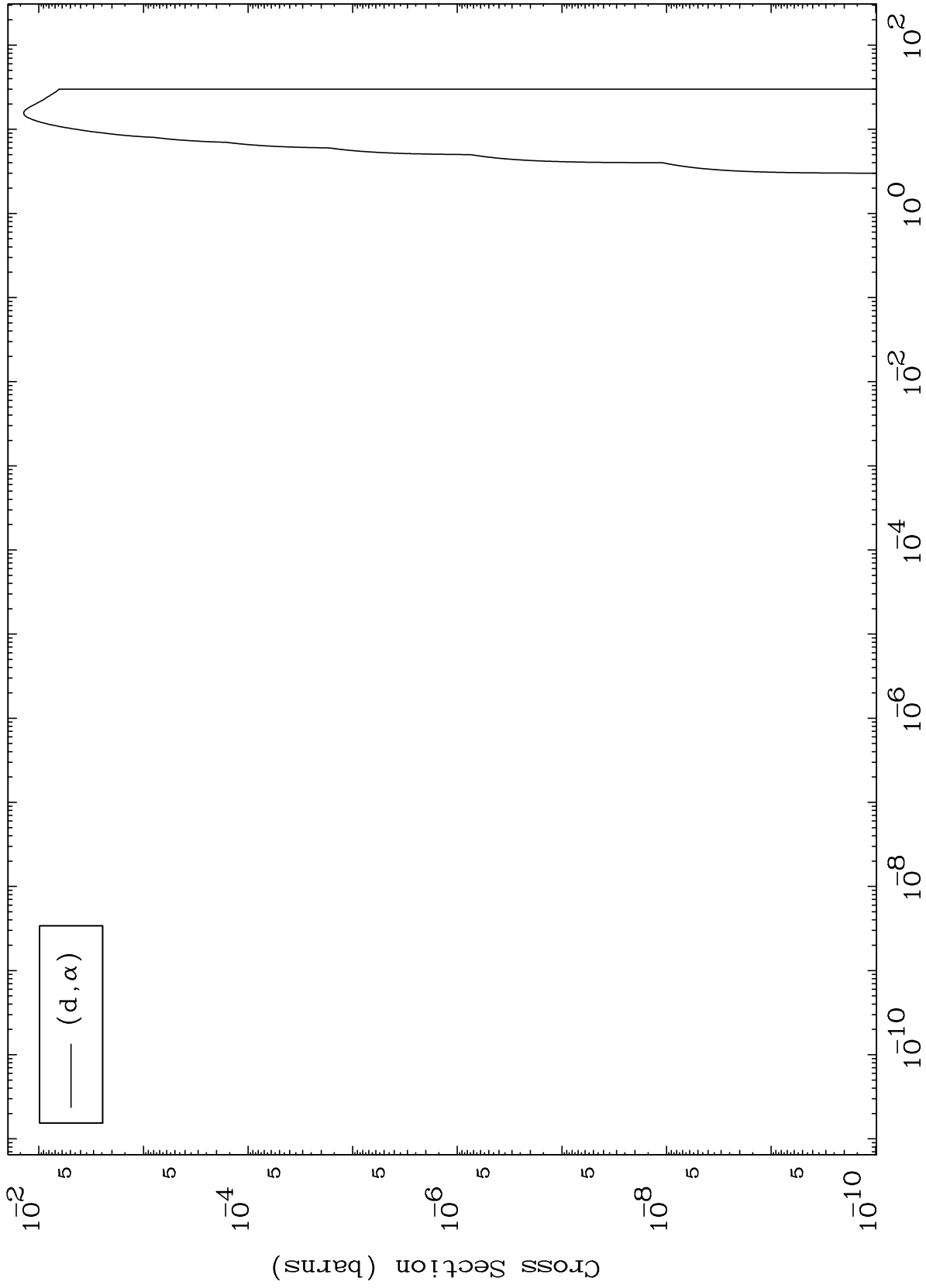
10

62-Sm-139

MAT 6210

(d, α) Levels
0 Kelvin Cross Sections

62-Sm-139



11

Incident Energy (MeV)

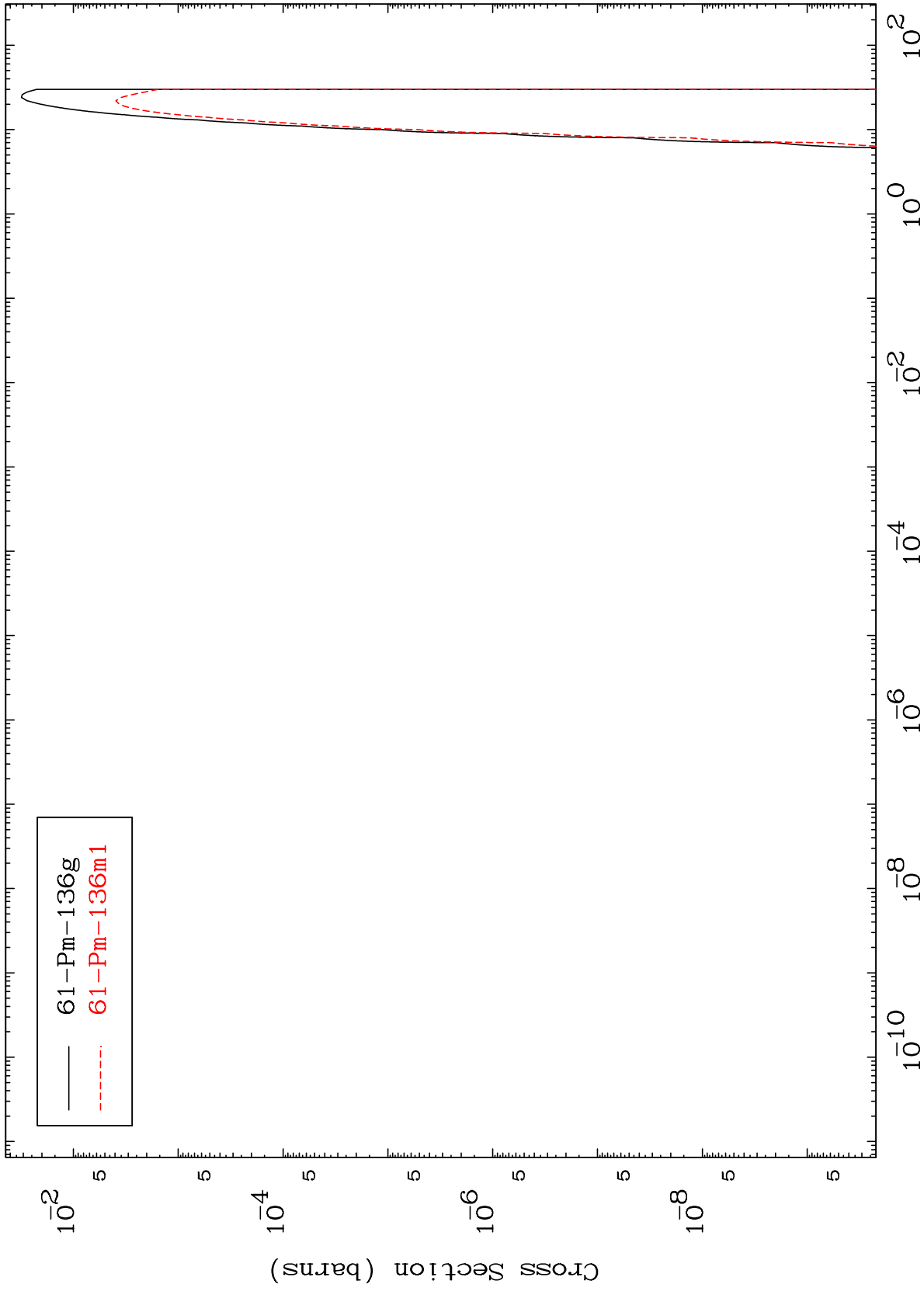
62-Sm-139

MAT 6210

(d,n') α

62-Sm-139

Radionuclide Production Cross Section



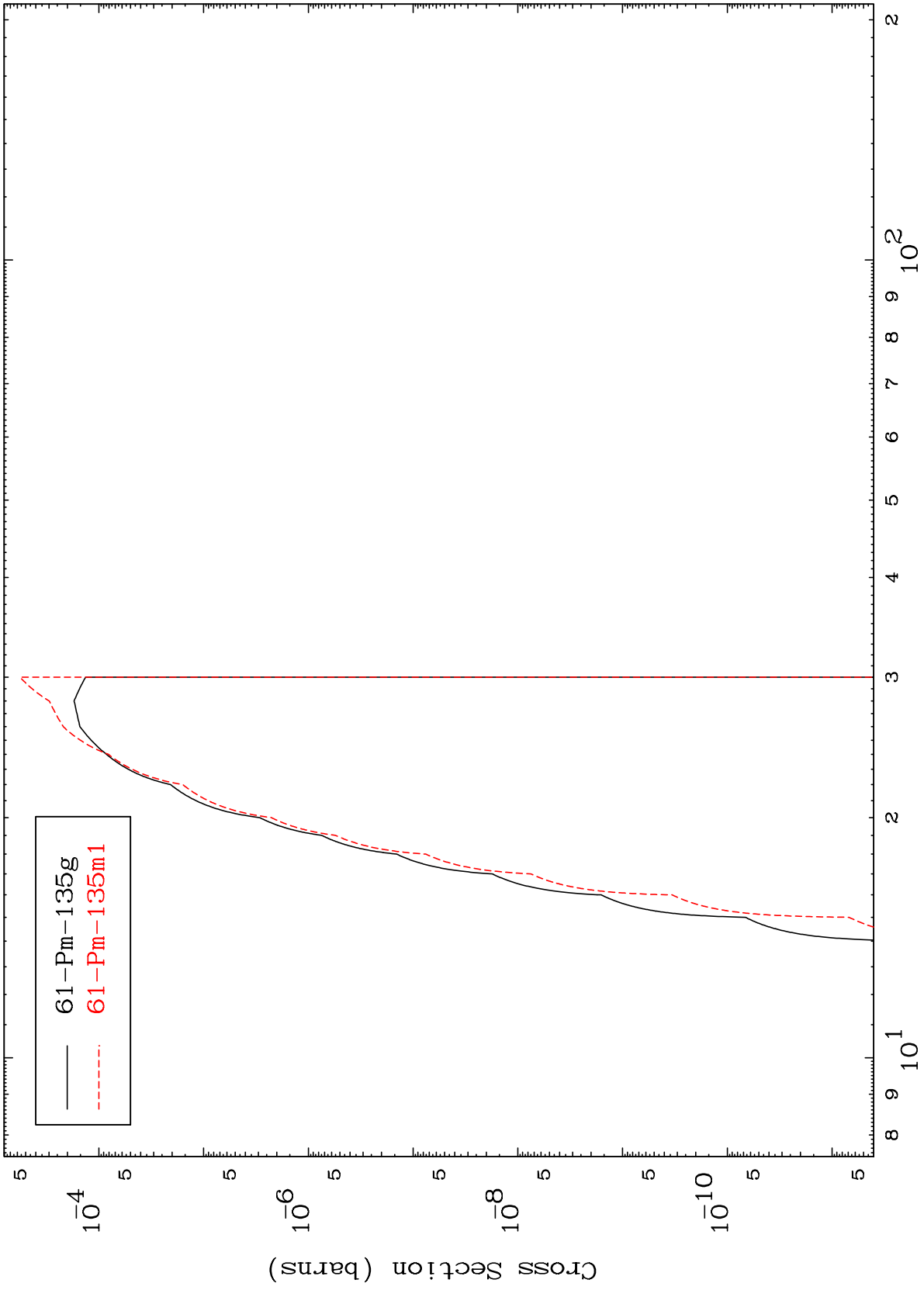
61-Pm-136g
61-Pm-136m1

MAT 6210

(d,2n) α

62-Sm-139

Radionuclide Production Cross Section



13

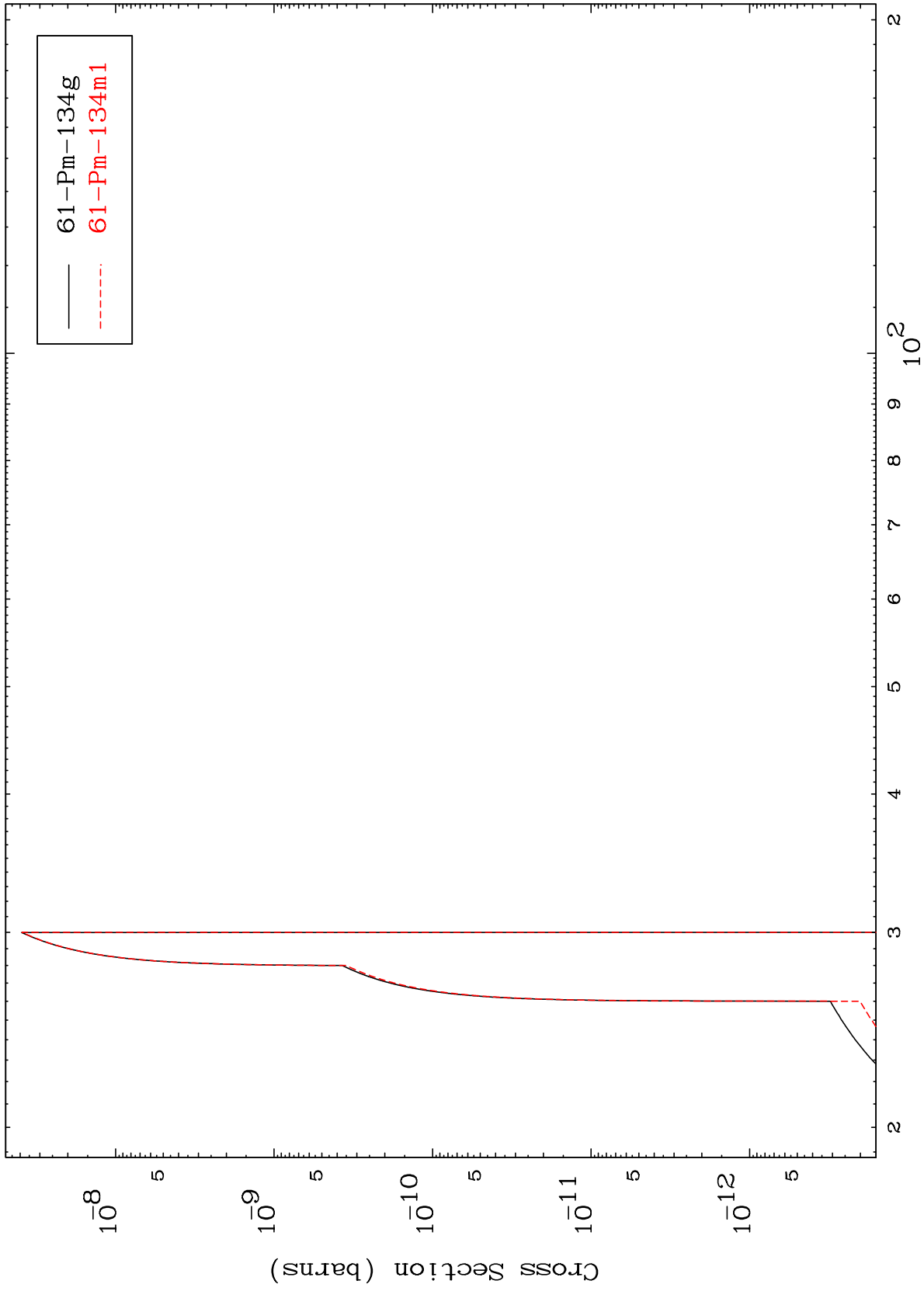
62-Sm-139

MAT 6210

(d,3n) α

62-Sm-139

Radionuclide Production Cross Section



14

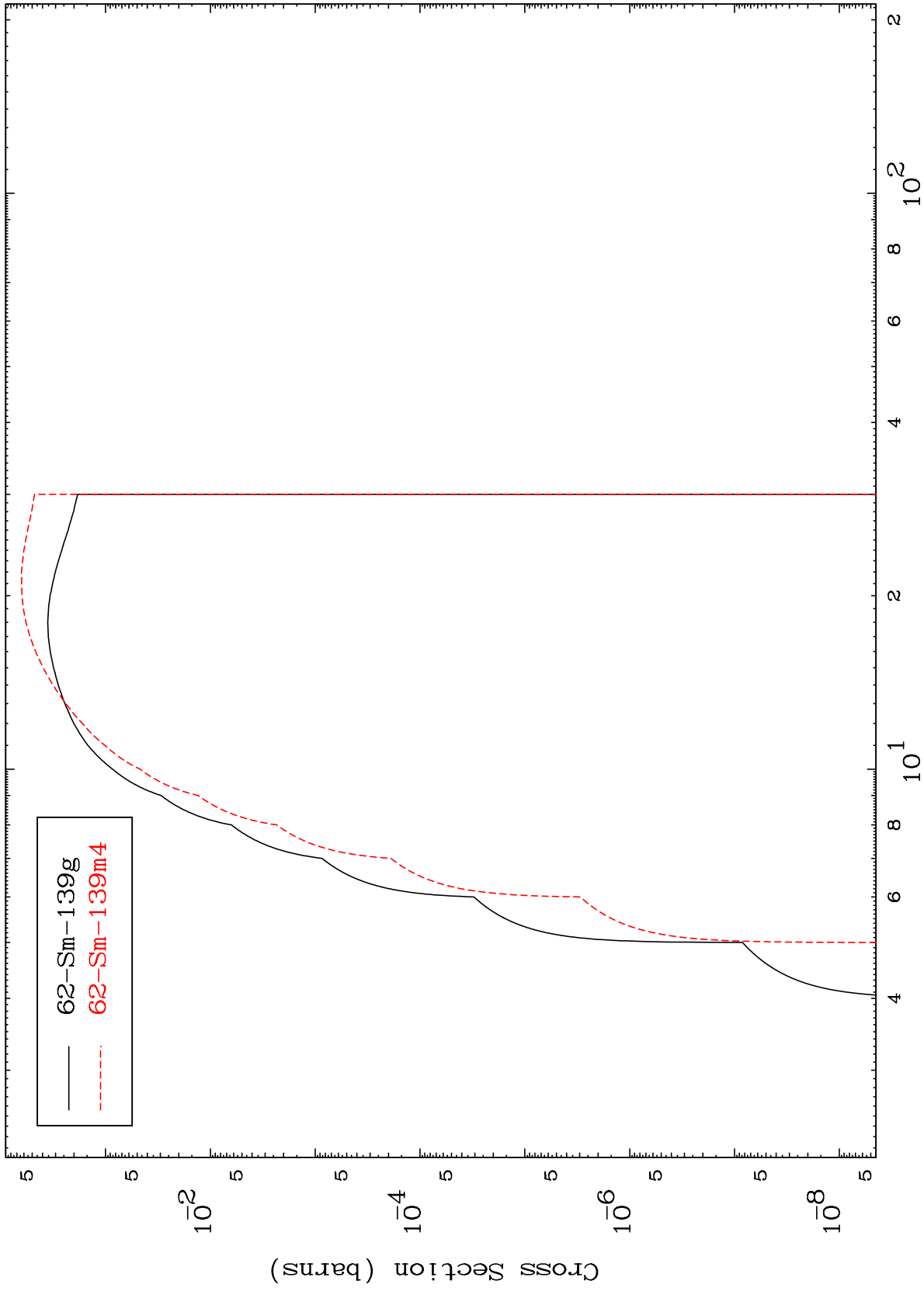
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(d,n') p
Radionuclide Production Cross Section



15

62-Sm-139

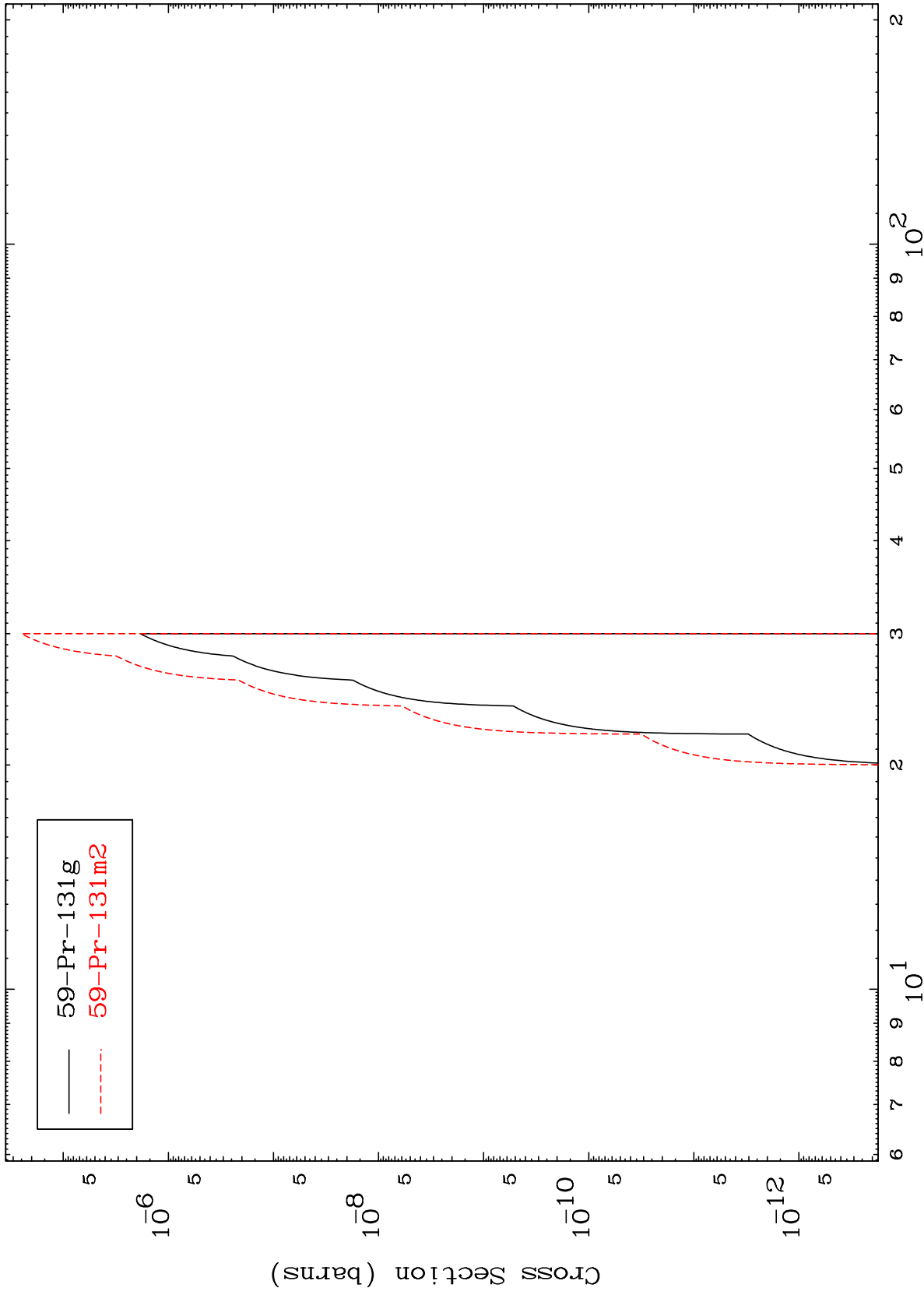
62-Sm-139

MAT 6210

$(d, 2n) 2\alpha$

$^{62}\text{Sm}-139$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

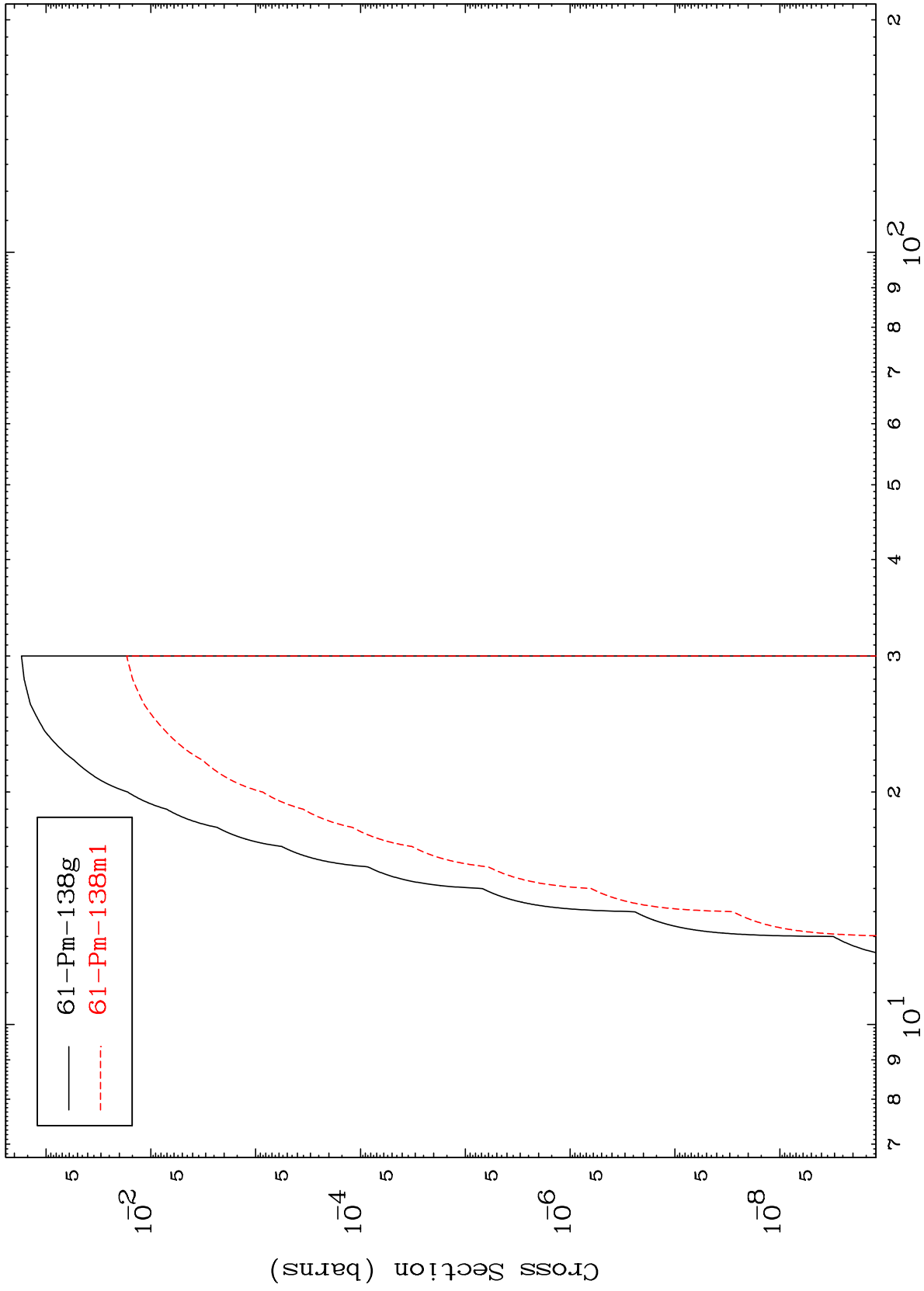
$^{62}\text{Sm}-139$

MAT 6210

(d,2n) p

⁶²Sm-139

Radionuclide Production Cross Section



— 61-Pm-138g
- - - 61-Pm-138m1

17

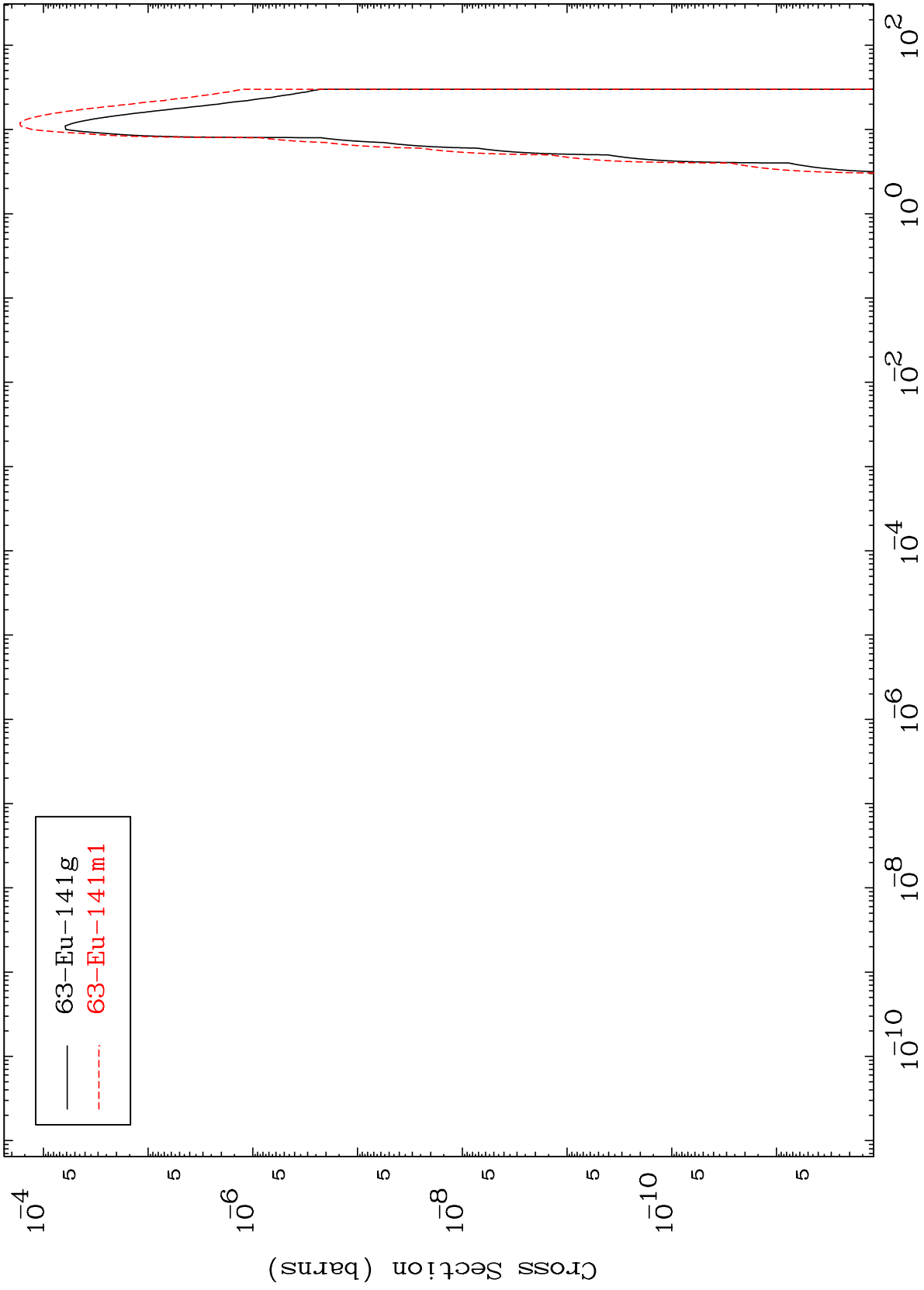
Incident Energy (MeV)

⁶²Sm-139

MAT 6210

Radionuclide Production Cross Section
(d, γ)

62-Sm-139

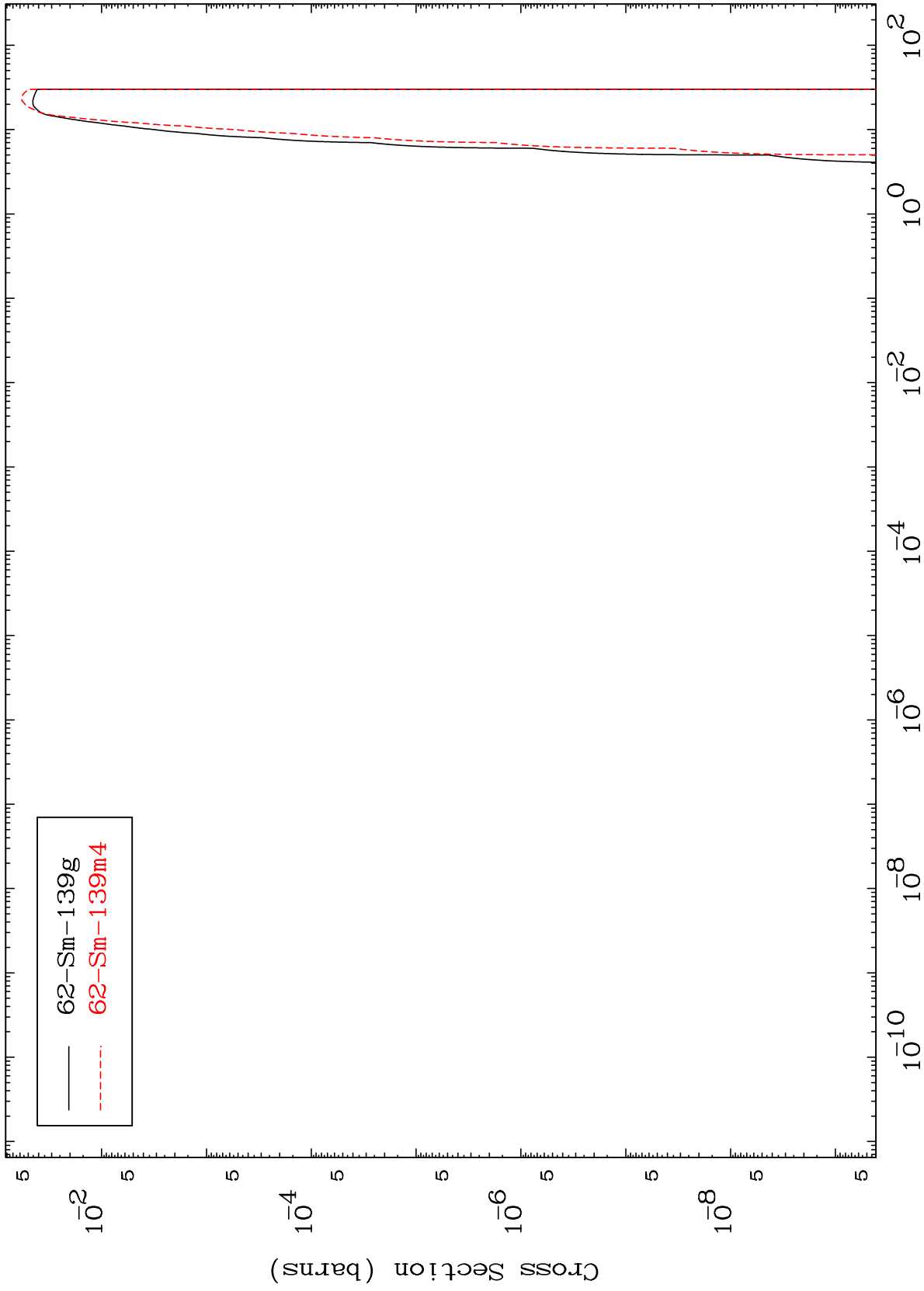


MAT 6210

(d,d)

Radionuclide Production Cross Section

62-Sm-139



19

Incident Energy (MeV)

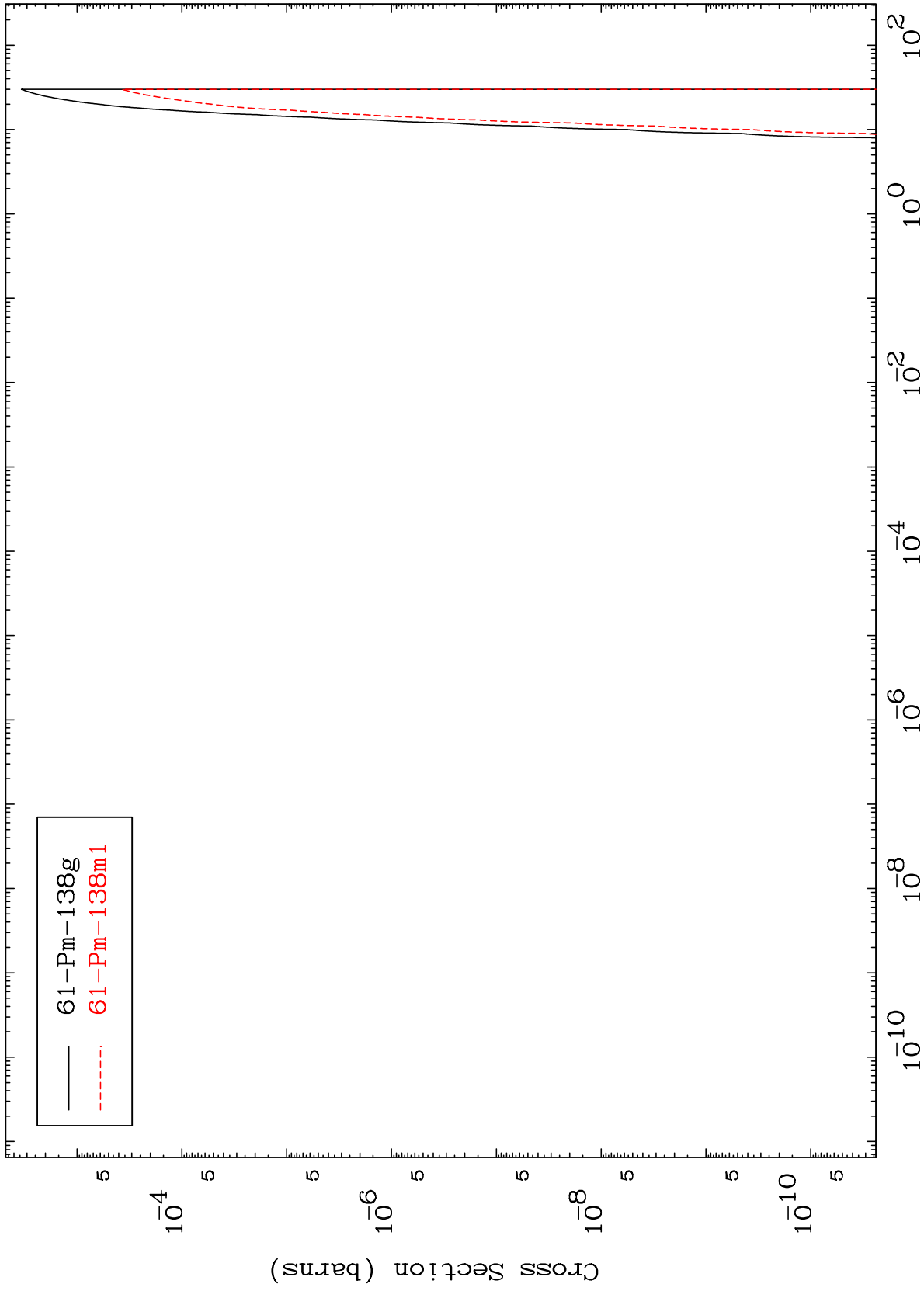
62-Sm-139

MAT 6210

(d,He-3)

62-Sm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

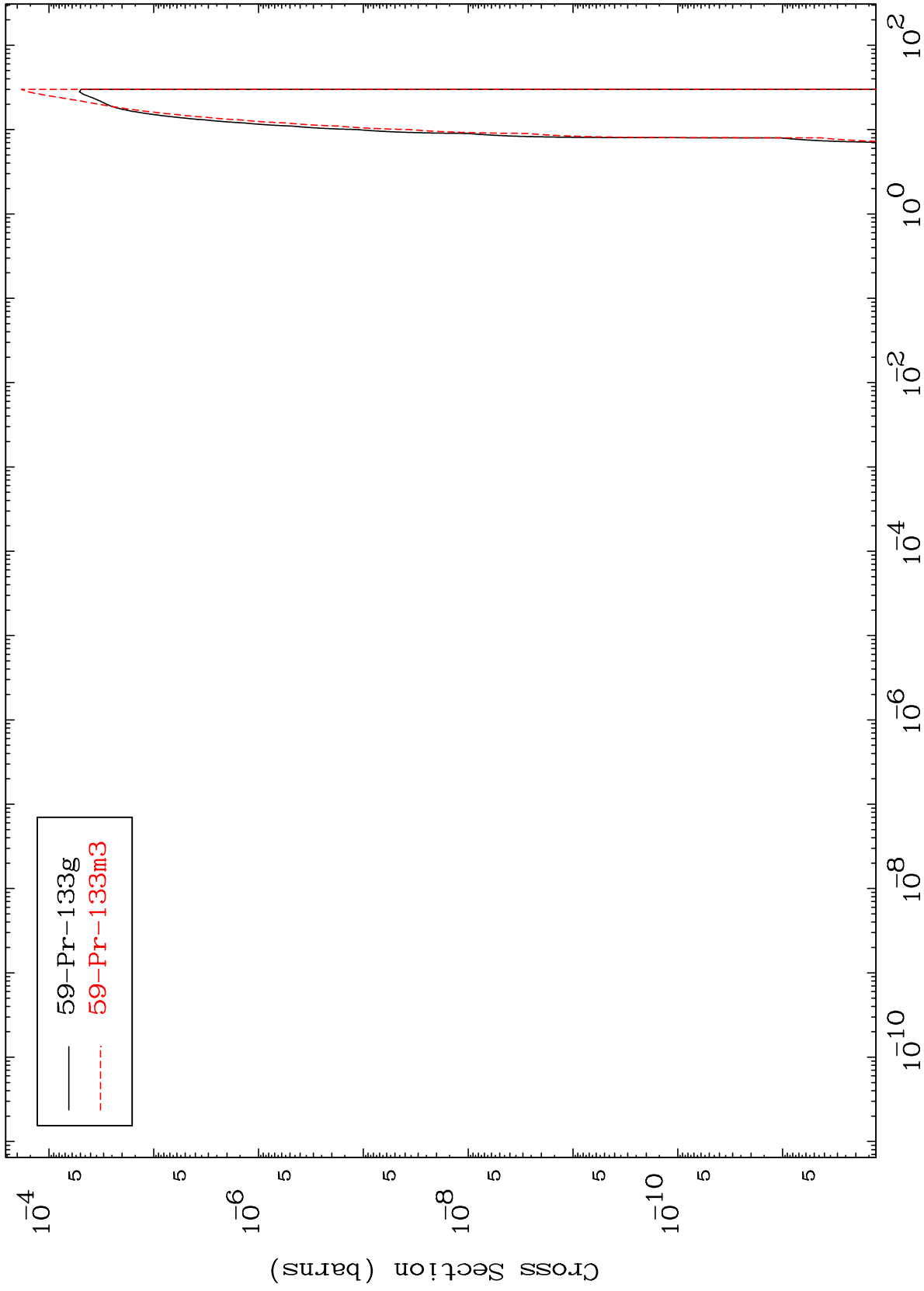
62-Sm-139

MAT 6210

(d,2α)

62-Sm-139

Radionuclide Production Cross Section

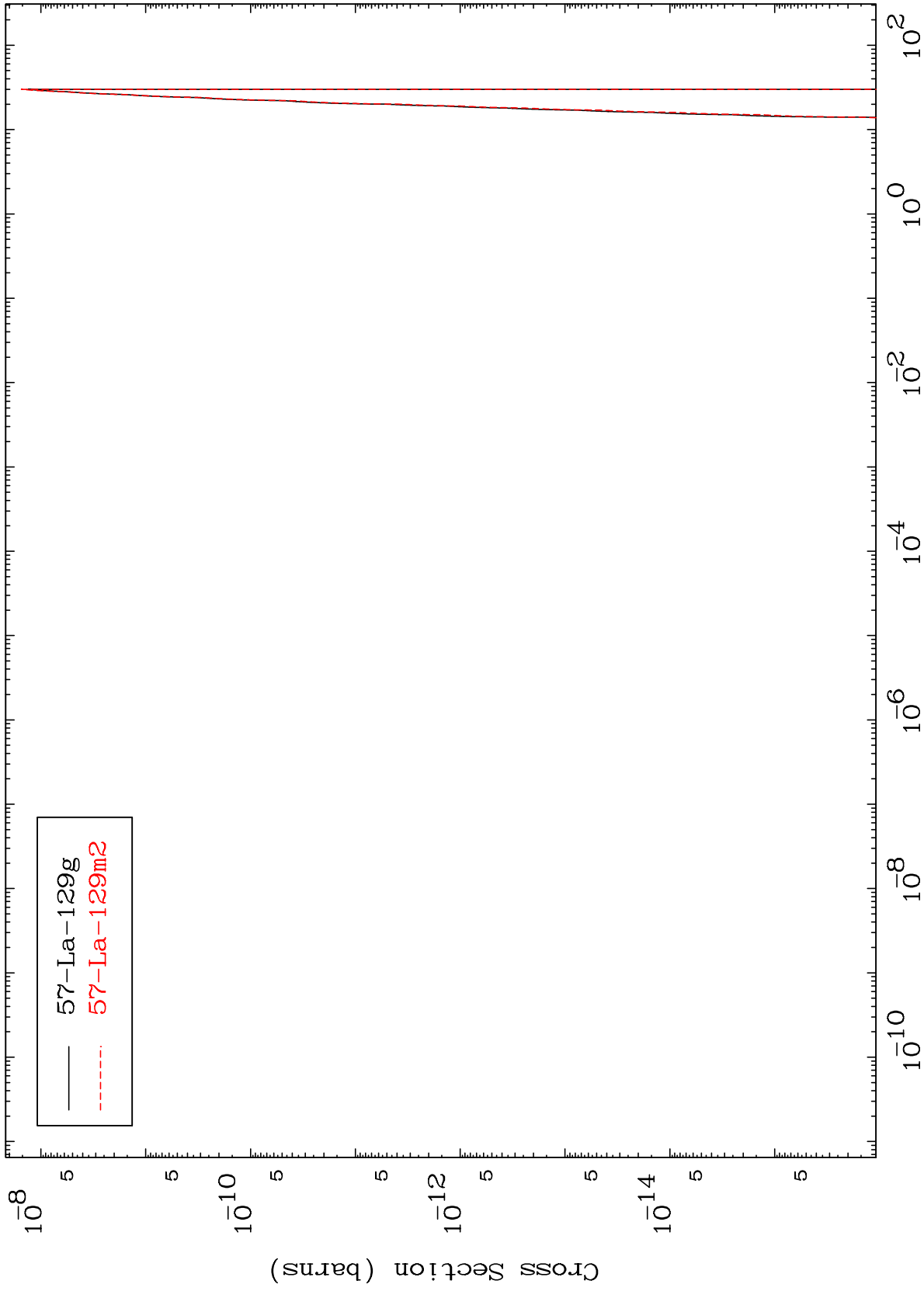


MAT 6210

(d,3 α)

62-Sm-139

Radionuclide Production Cross Section



22

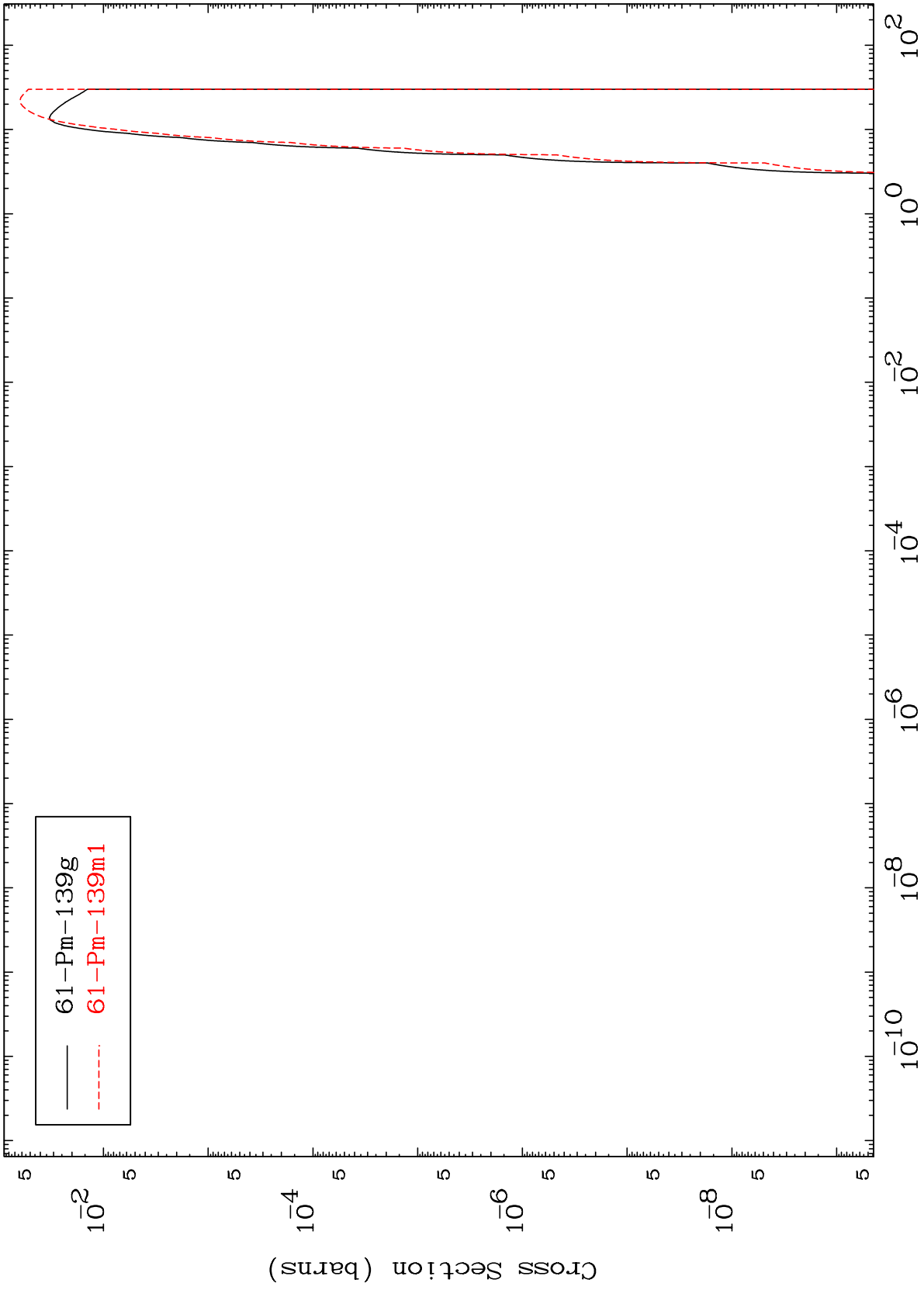
Incident Energy (MeV)

62-Sm-139

MAT 6210

(d,2p)
Radionuclide Production Cross Section

62-Sm-139

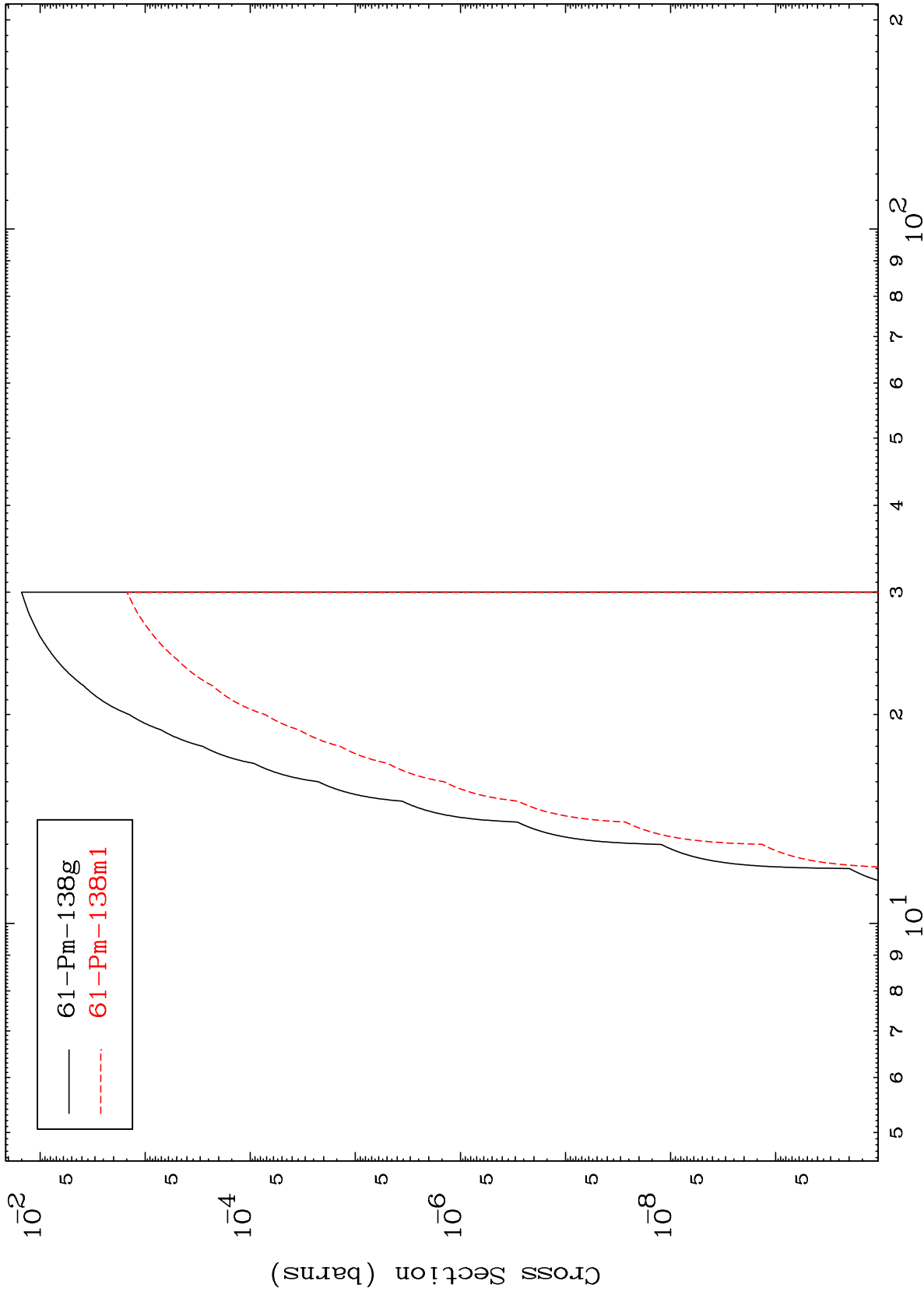


MAT 6210

(d,p) d

62-Sm-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

62-Sm-139