

Program EVALPLOT
(Version 2021-1)

by

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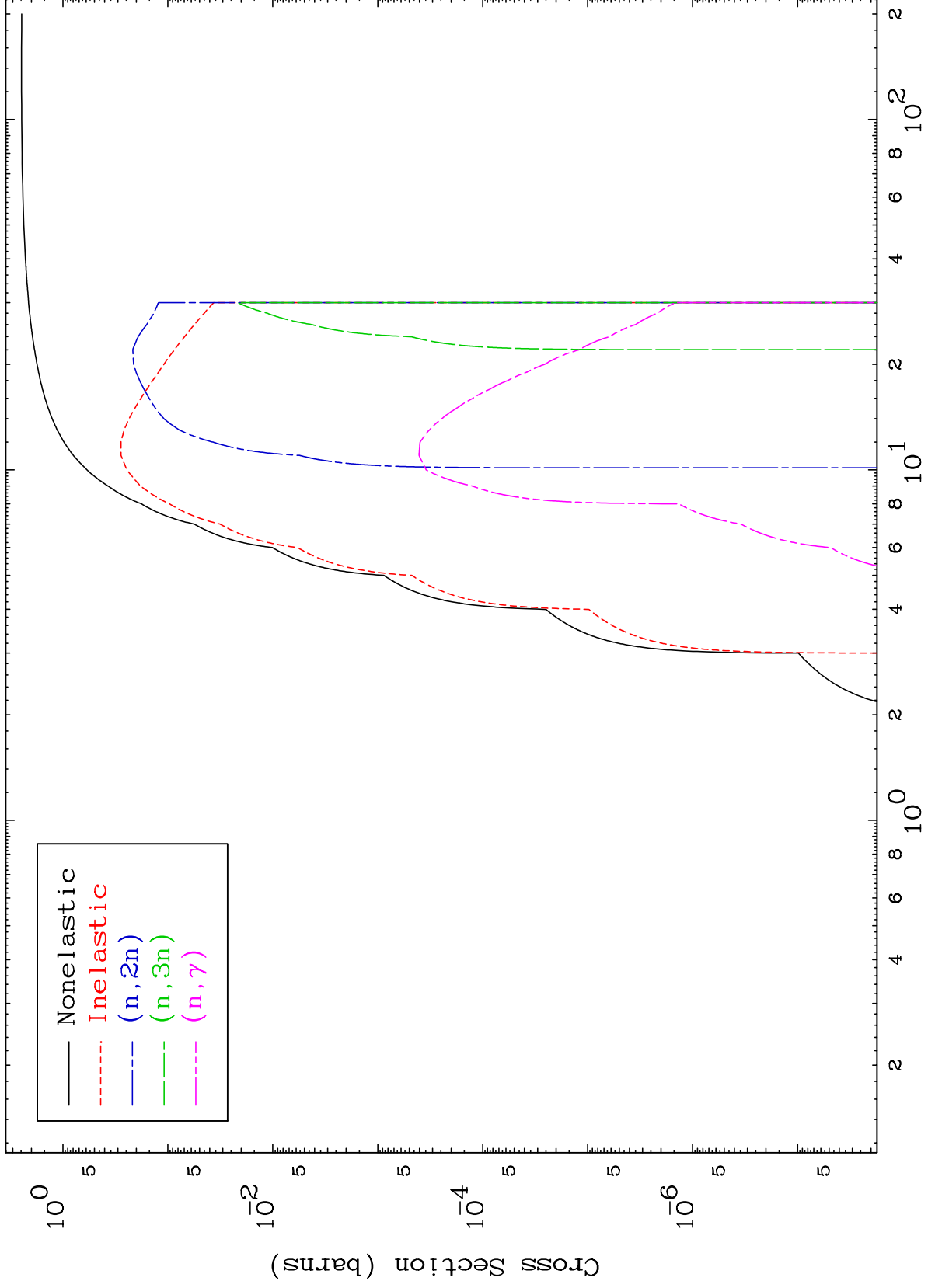
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6210

Deuteron Major
0 Kelvin Cross Sections

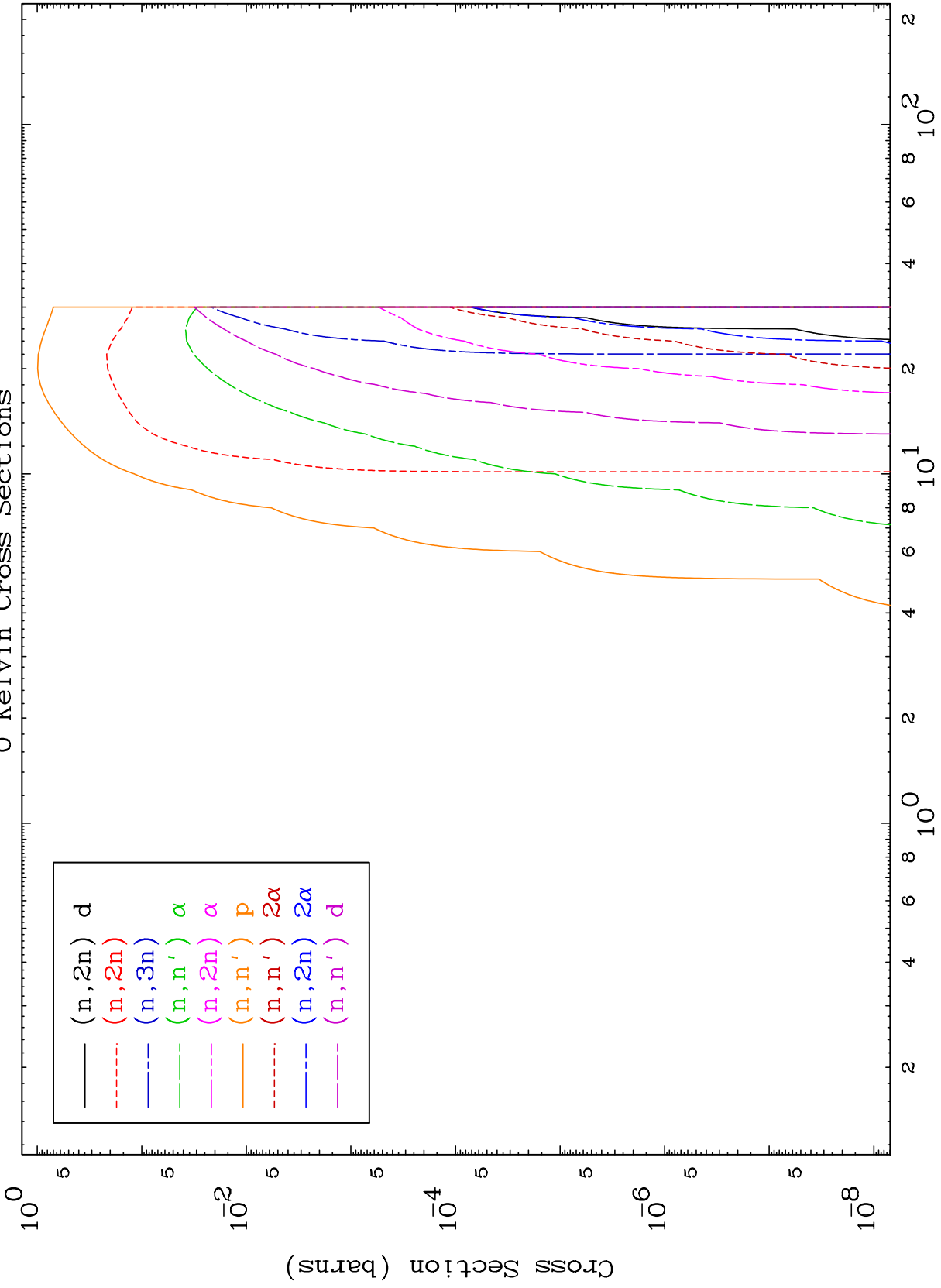
62-Sm-139

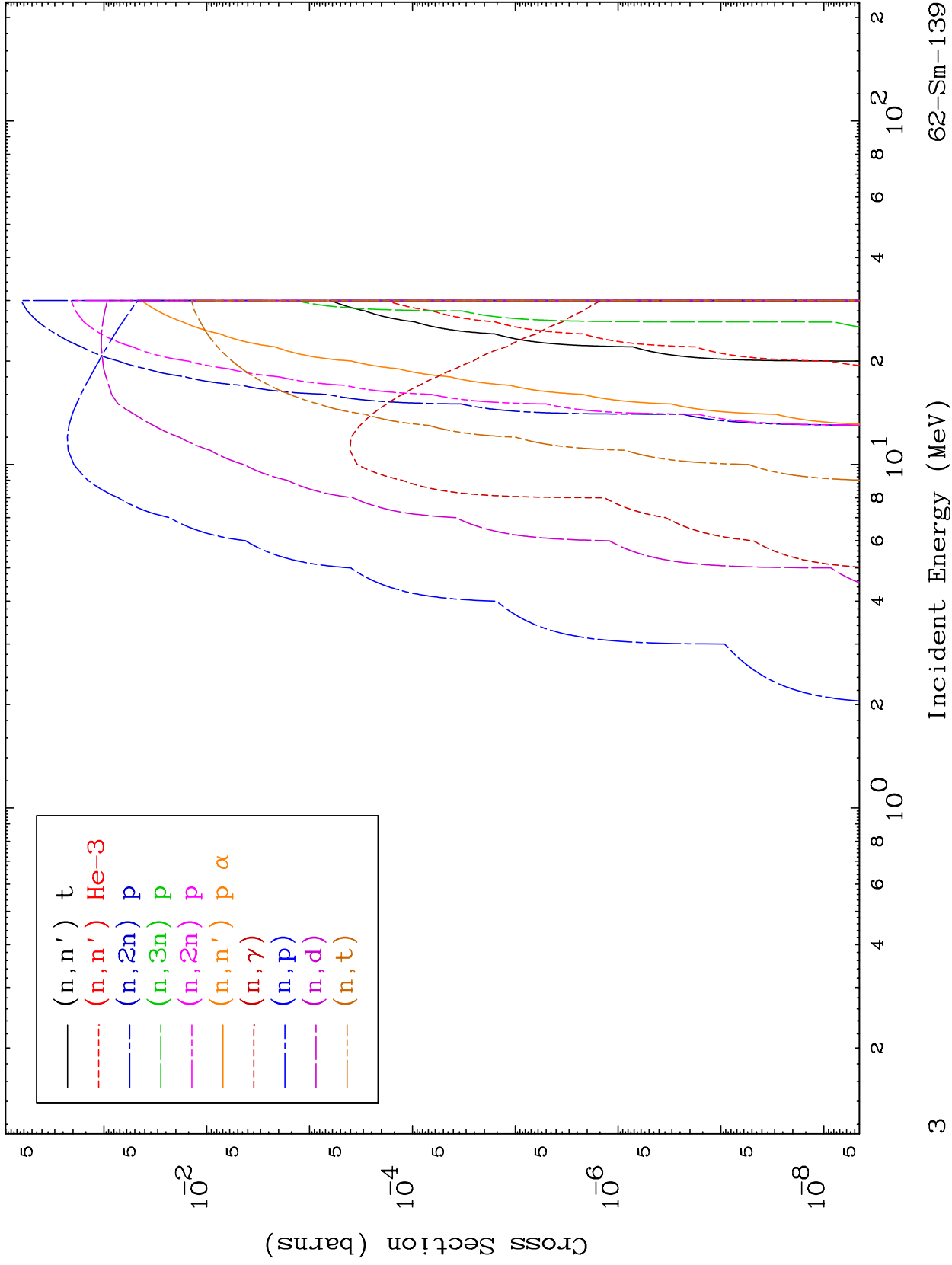


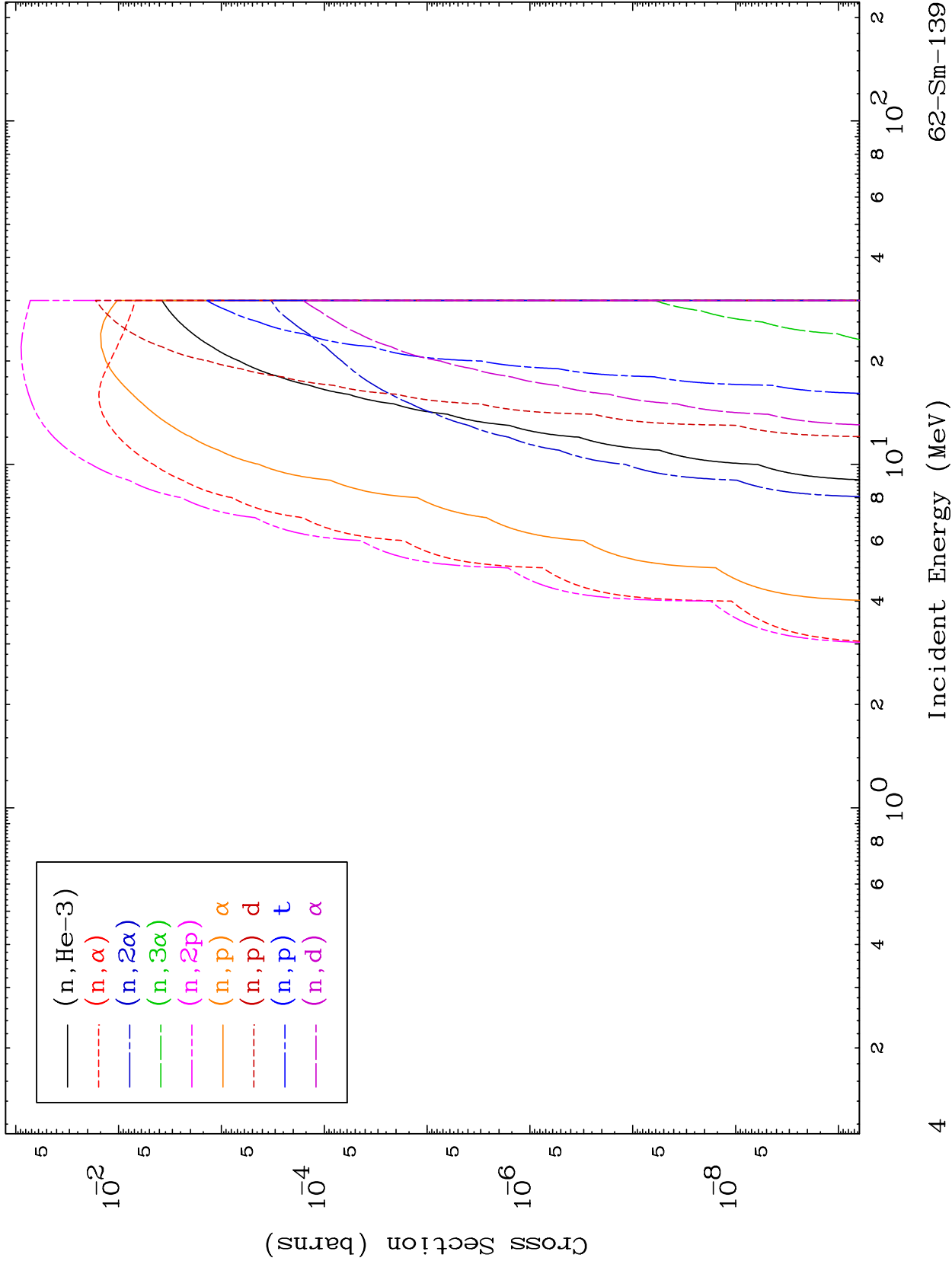
MAT 6210

Deuteron Neutron Absorption
0 Kelvin Cross Sections

62-Sm-139



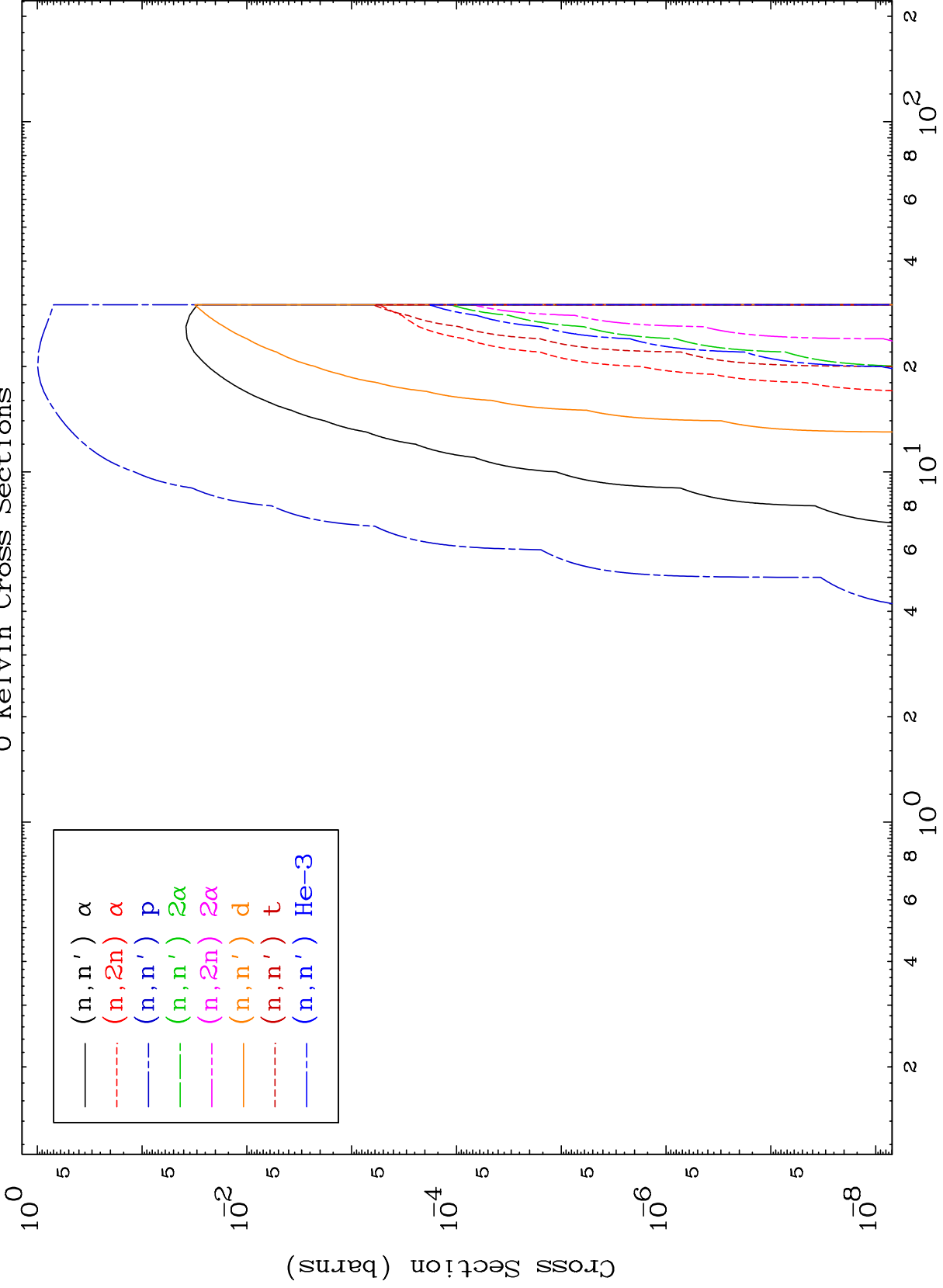




MAT 6210

Deuteron Charged Particle
0 Kelvin Cross Sections

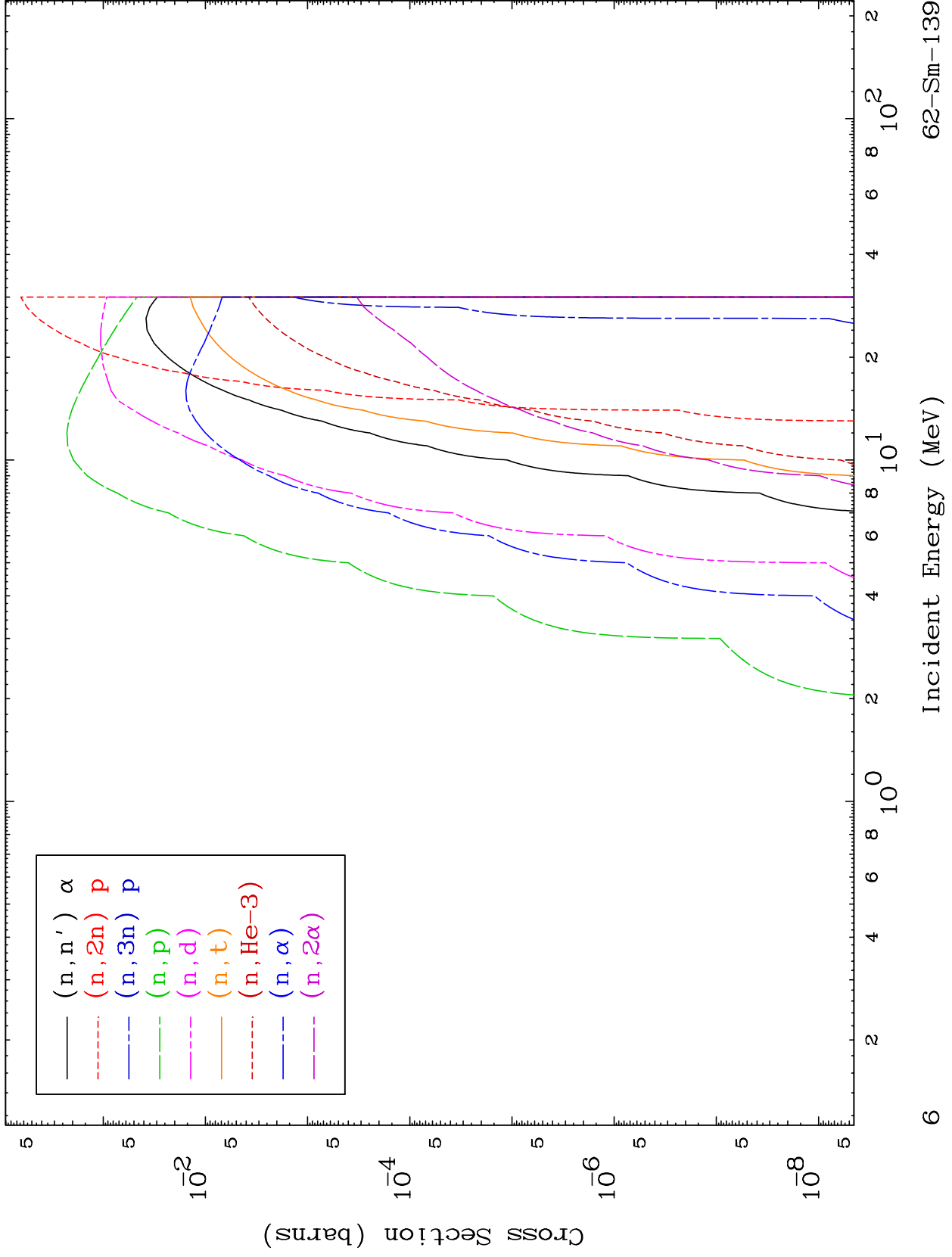
62-Sm-139

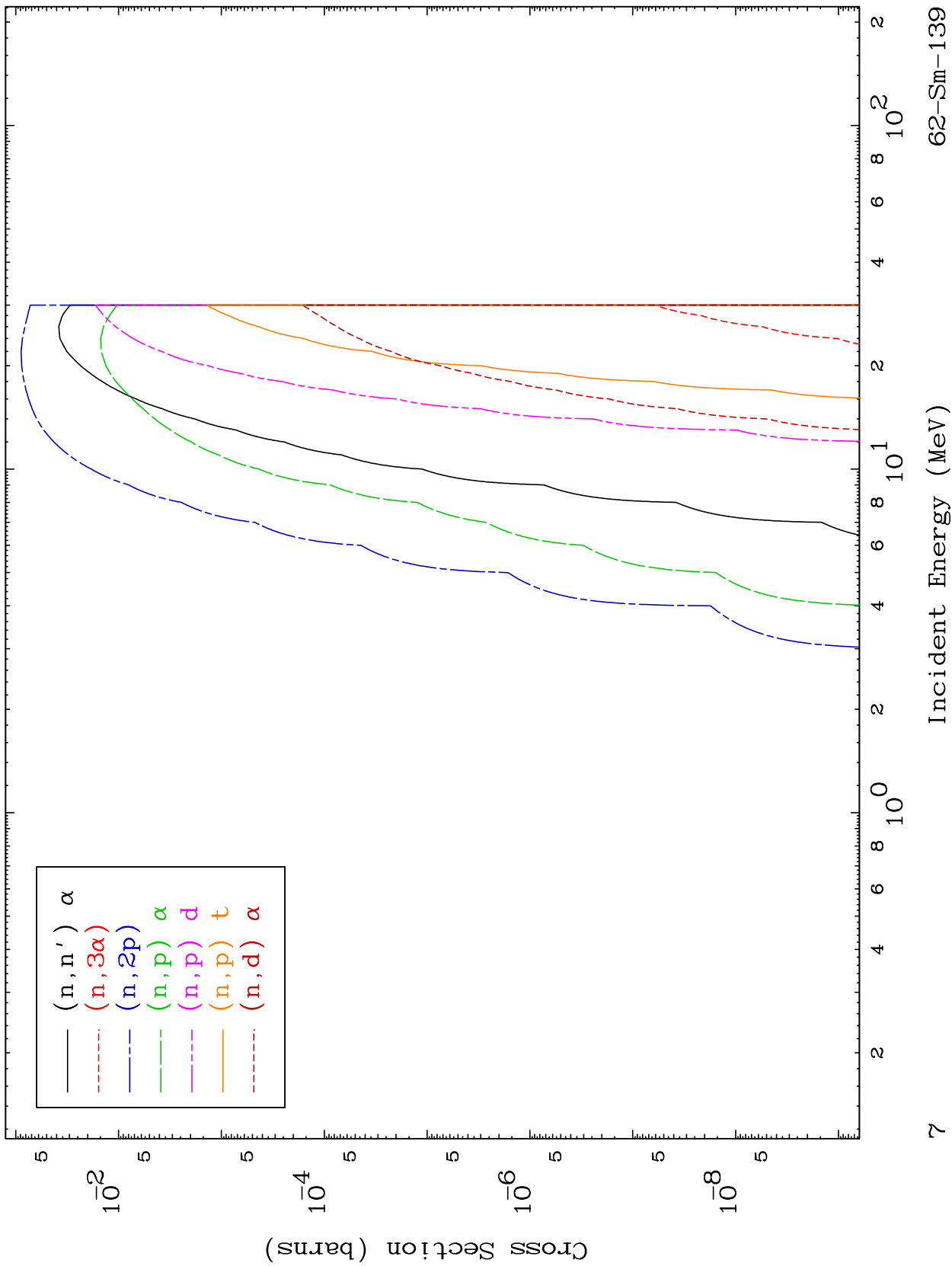


MAT 6210

Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-139



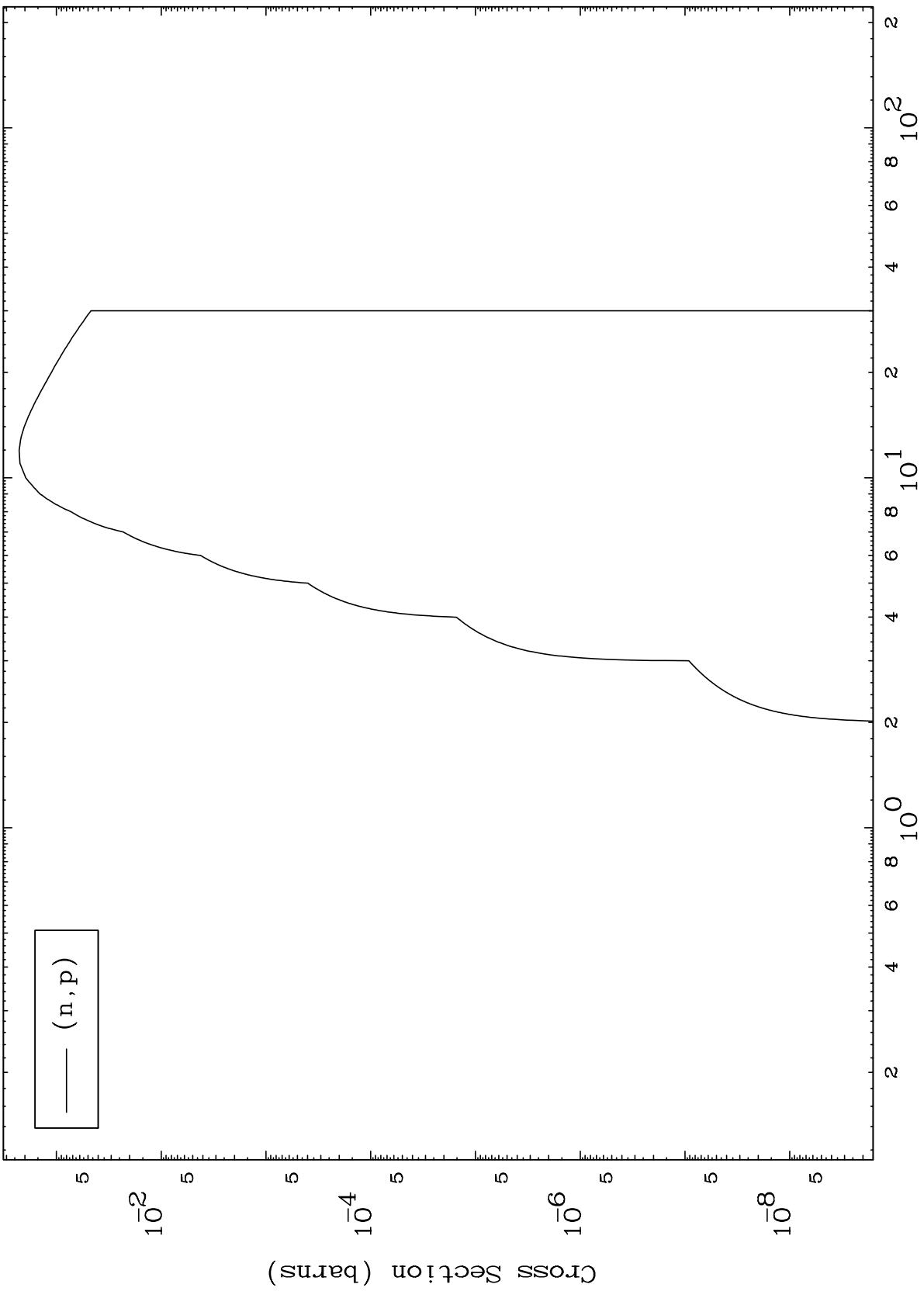


MAT 6210

(d,p) Levels

62-Sm-139

0 Kelvin Cross Sections

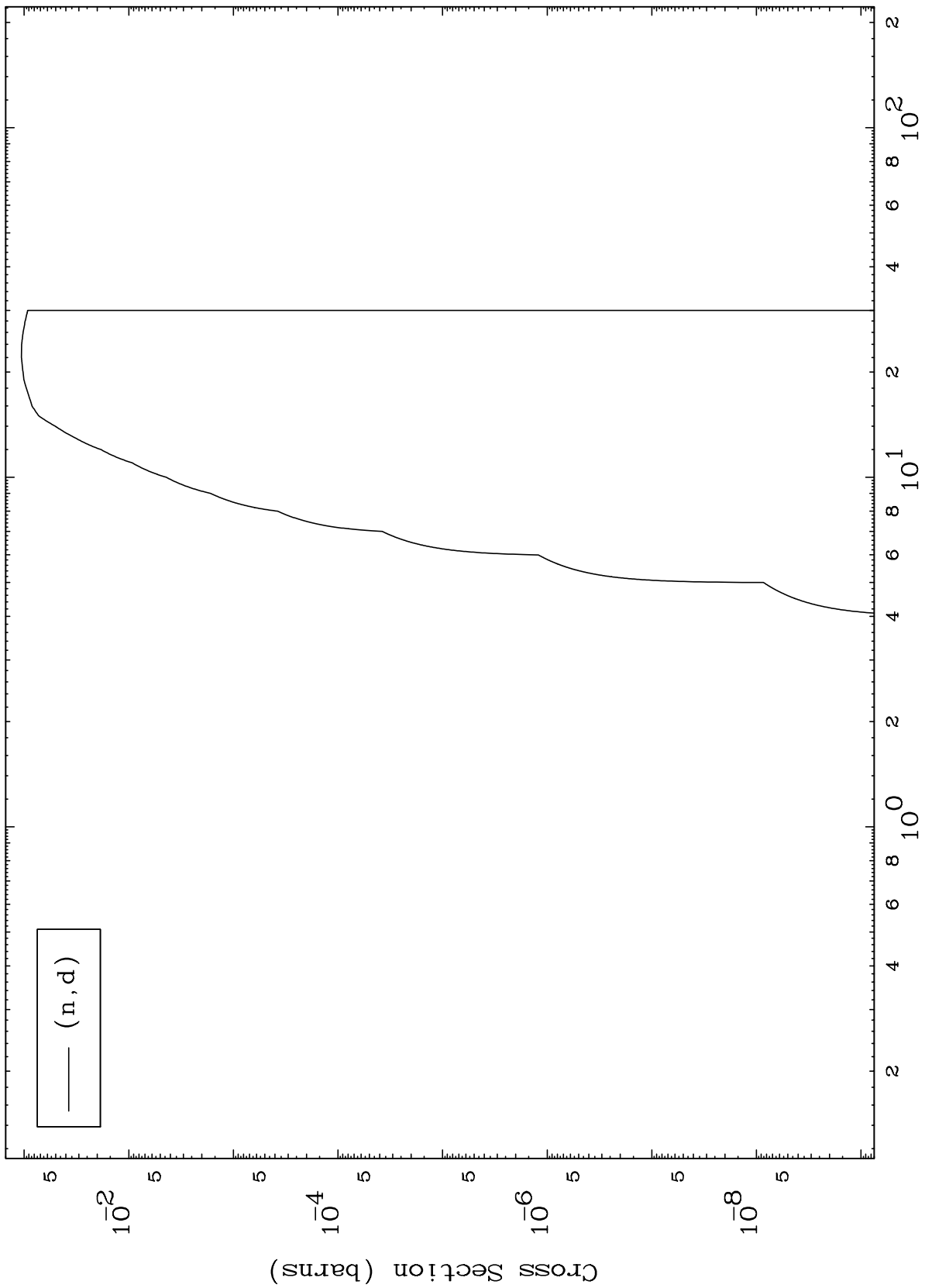


MAT 6210

(d,d) Levels

62-Sm-139

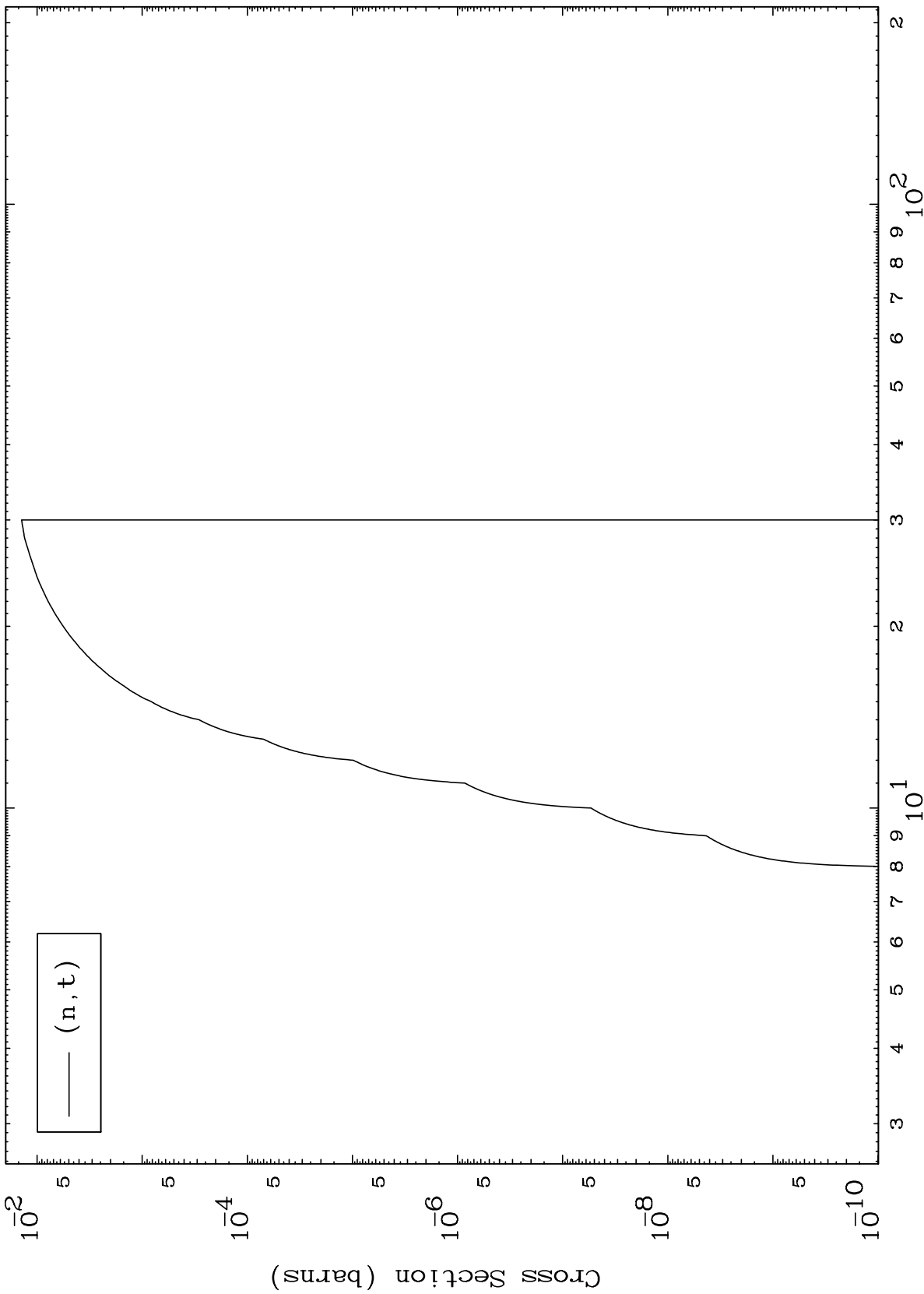
0 Kelvin Cross Sections



MAT 6210

62-Sm-139

(d,t) Levels
0 Kelvin Cross Sections



62-Sm-139

Incident Energy (MeV)

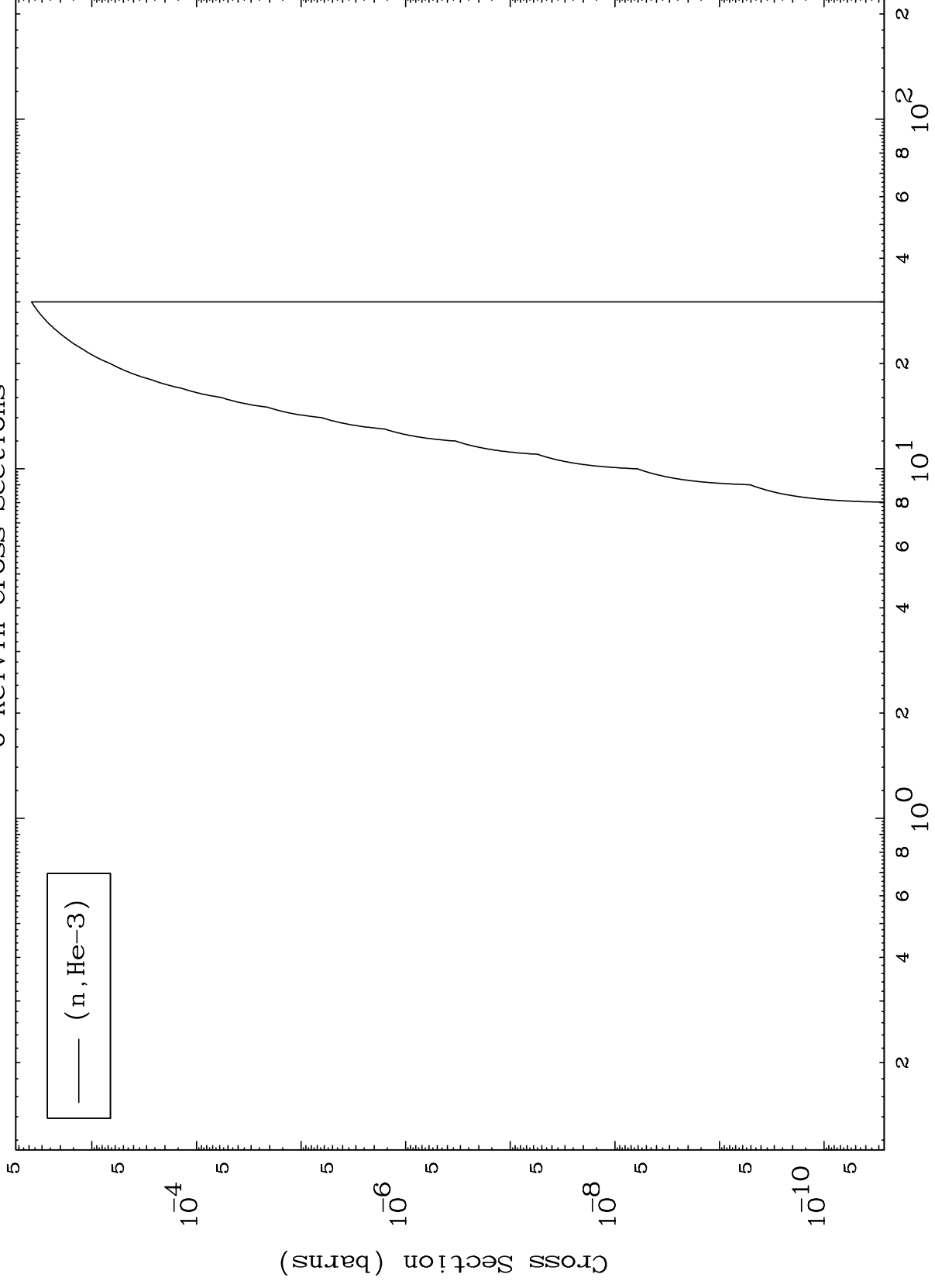
10

MAT 6210

(d,He3) Levels

62-Sm-139

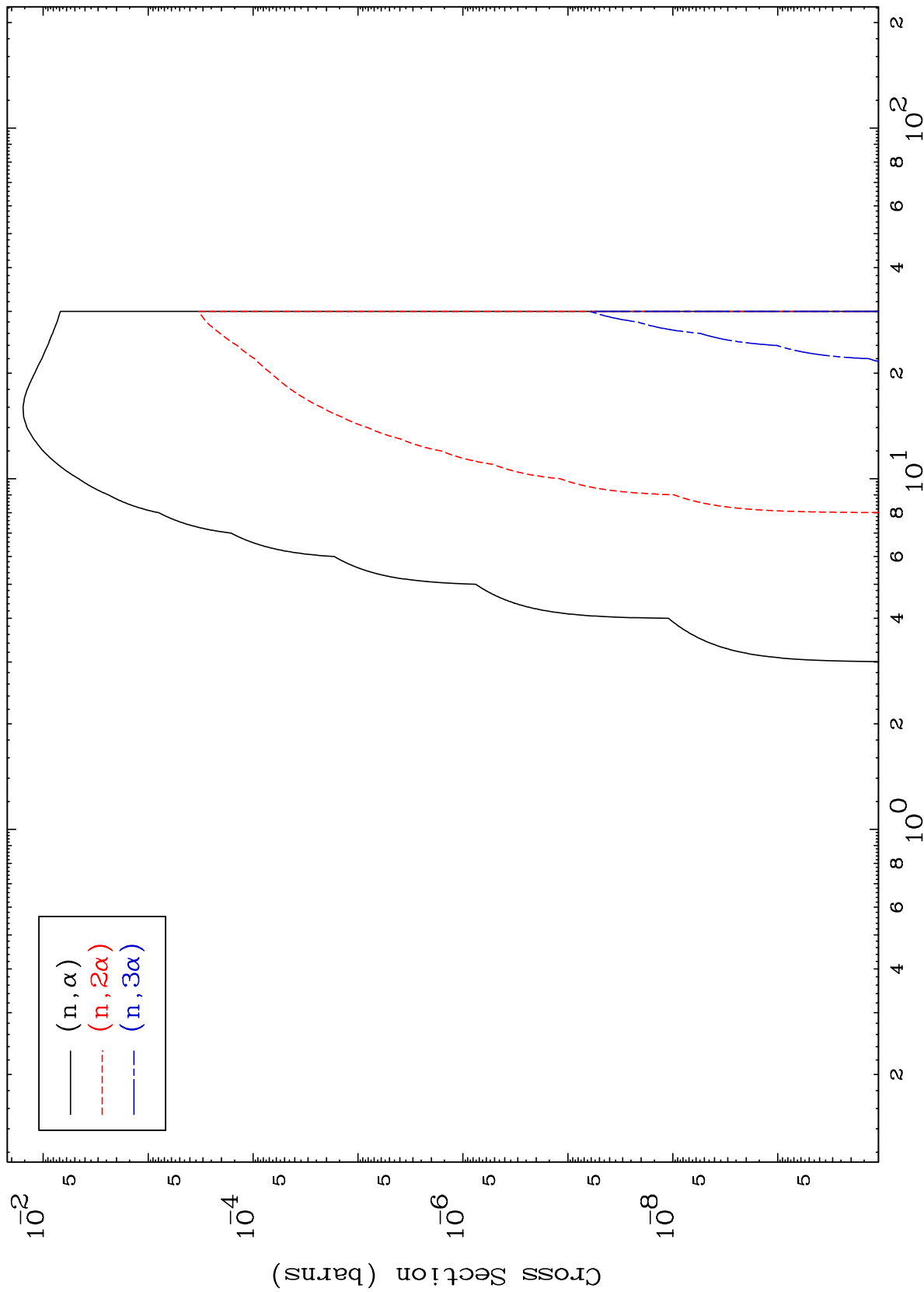
0 Kelvin Cross Sections



MAT 6210

62-Sm-139

(d, α) Levels
0 Kelvin Cross Sections

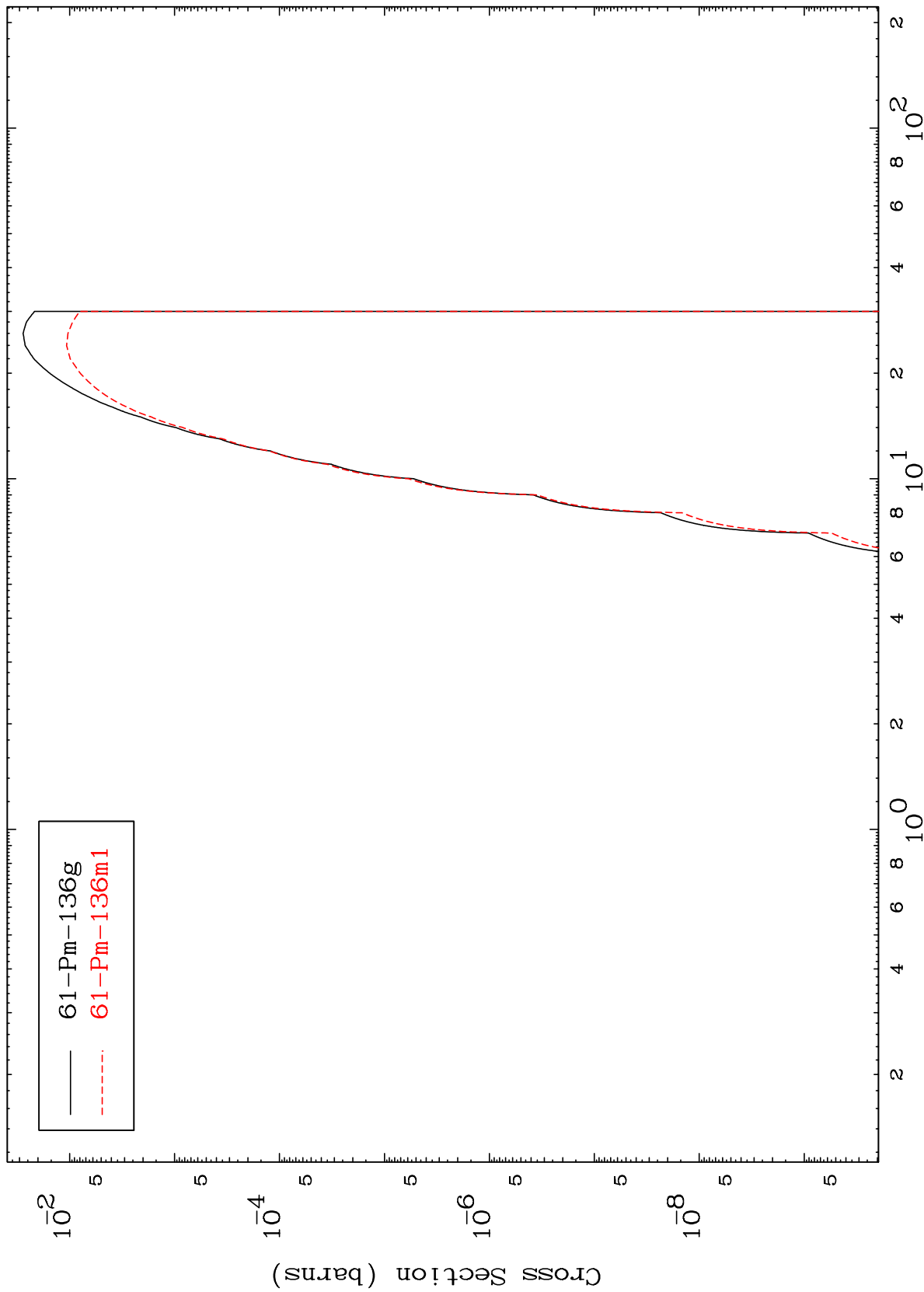


MAT 6210

$(n, n') \alpha$

62-Sm-139

Radionuclide Production Cross Section

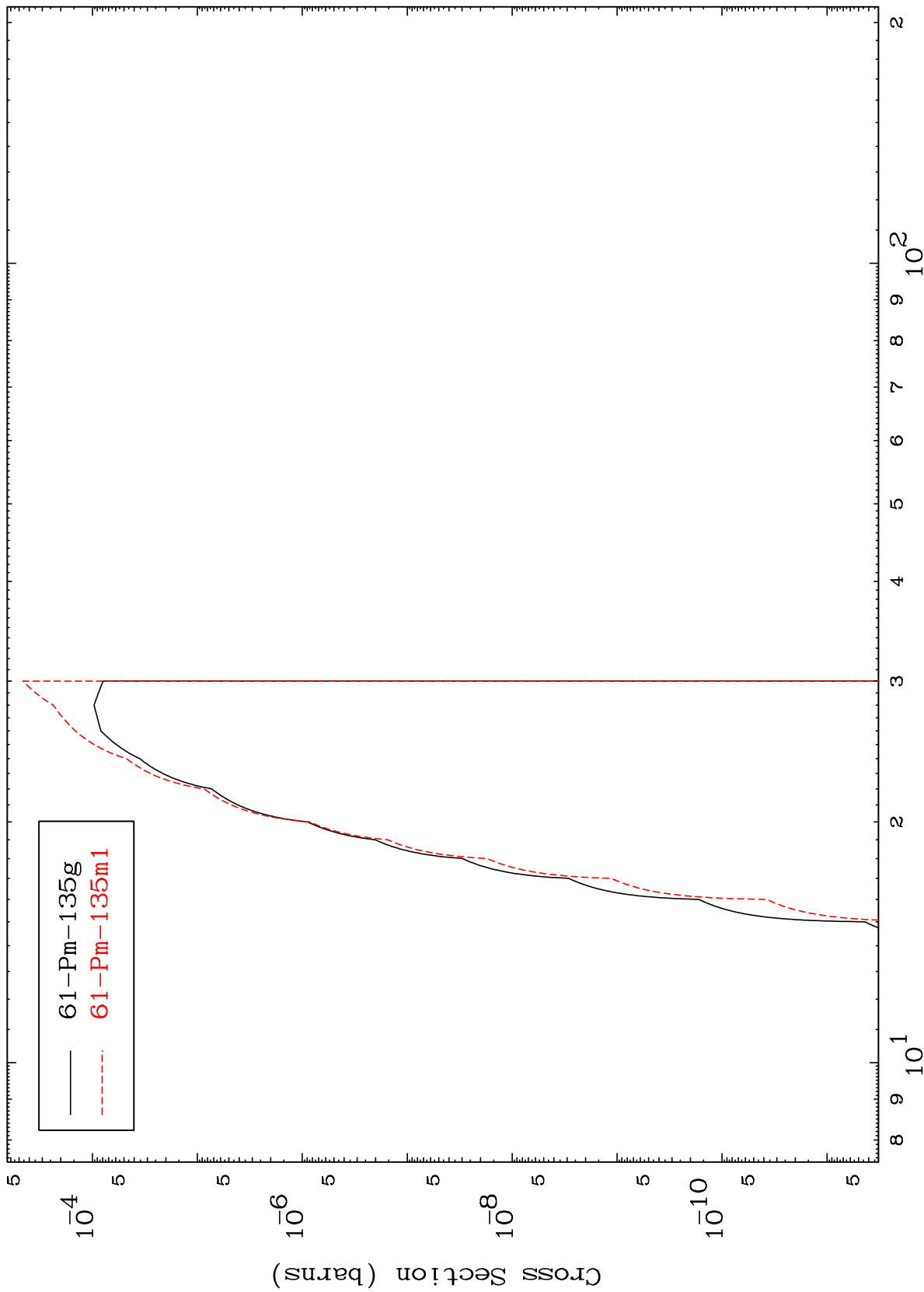


MAT 6210

(n,2n) α

62-Sm-139

Radionuclide Production Cross Section



14

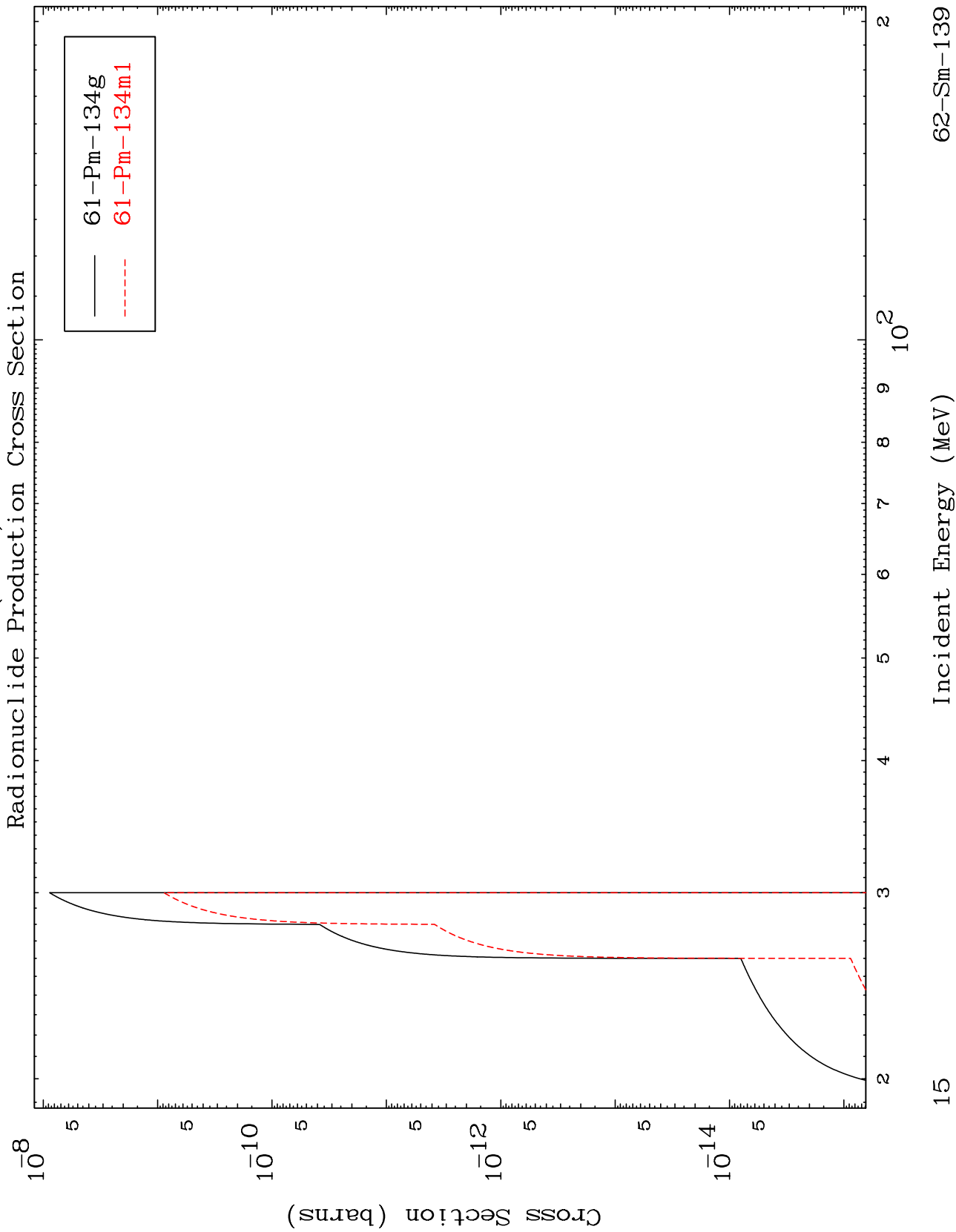
Incident Energy (MeV)

62-Sm-139

MAT 6210

$(n,3n) \alpha$

62-Sm-139



15

Incident Energy (MeV)

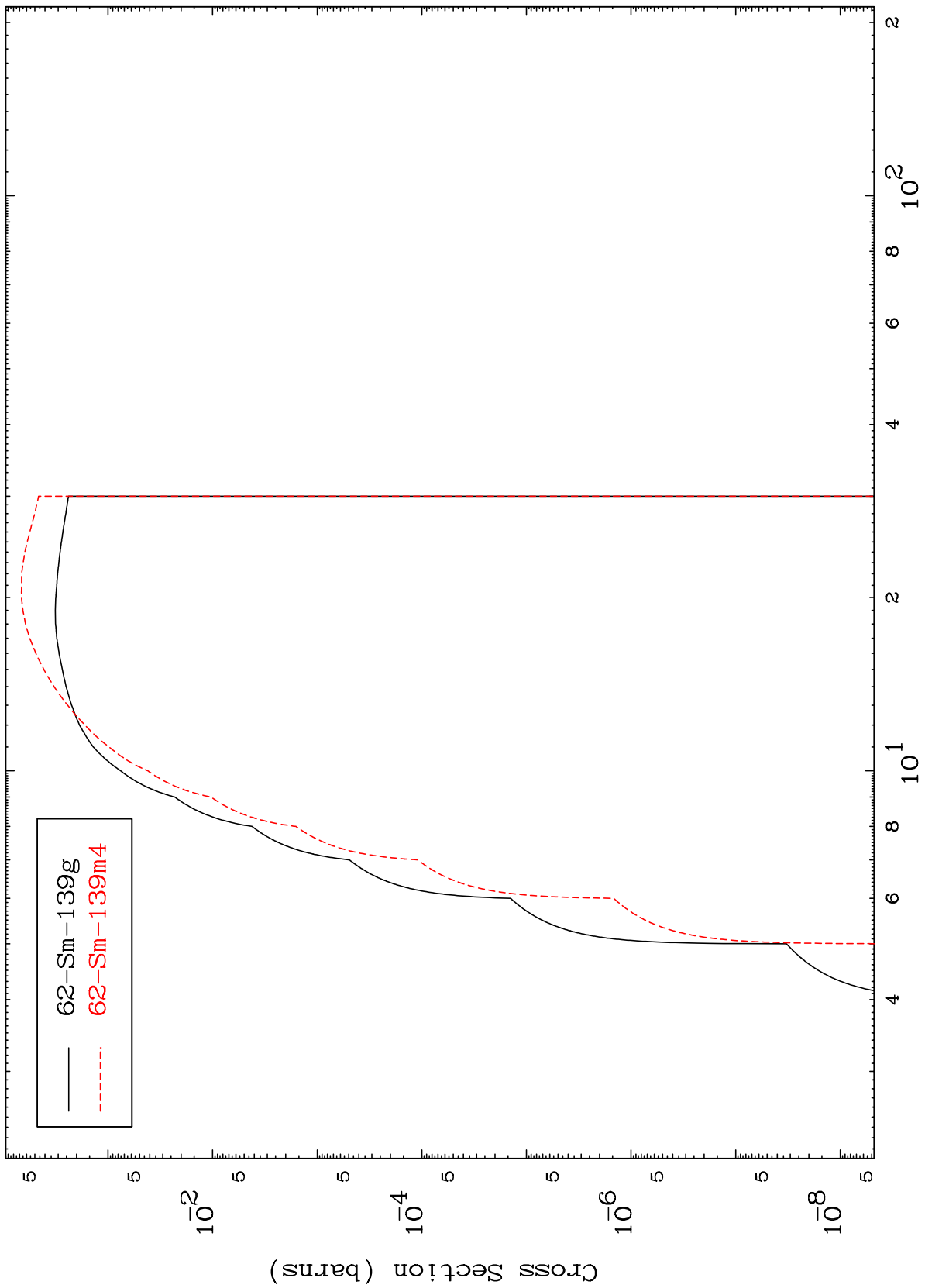
62-Sm-139

MAT 6210

(n,n') p

⁶²Sm-139

Radionuclide Production Cross Section



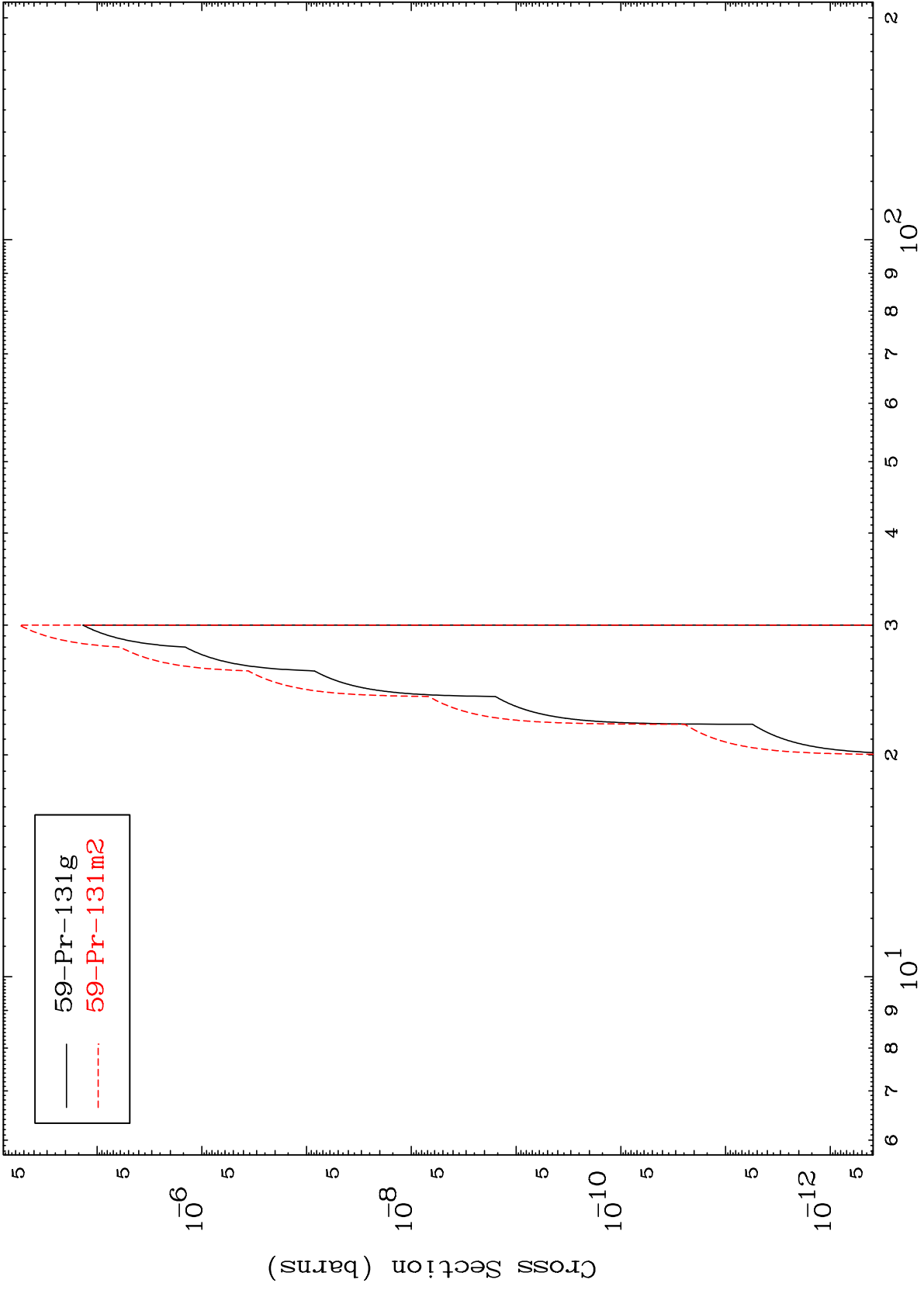
Legend:
— 62-Sm-139g
- - - 62-Sm-139m4

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(n,2n) 2α

62-Sm-139

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

17

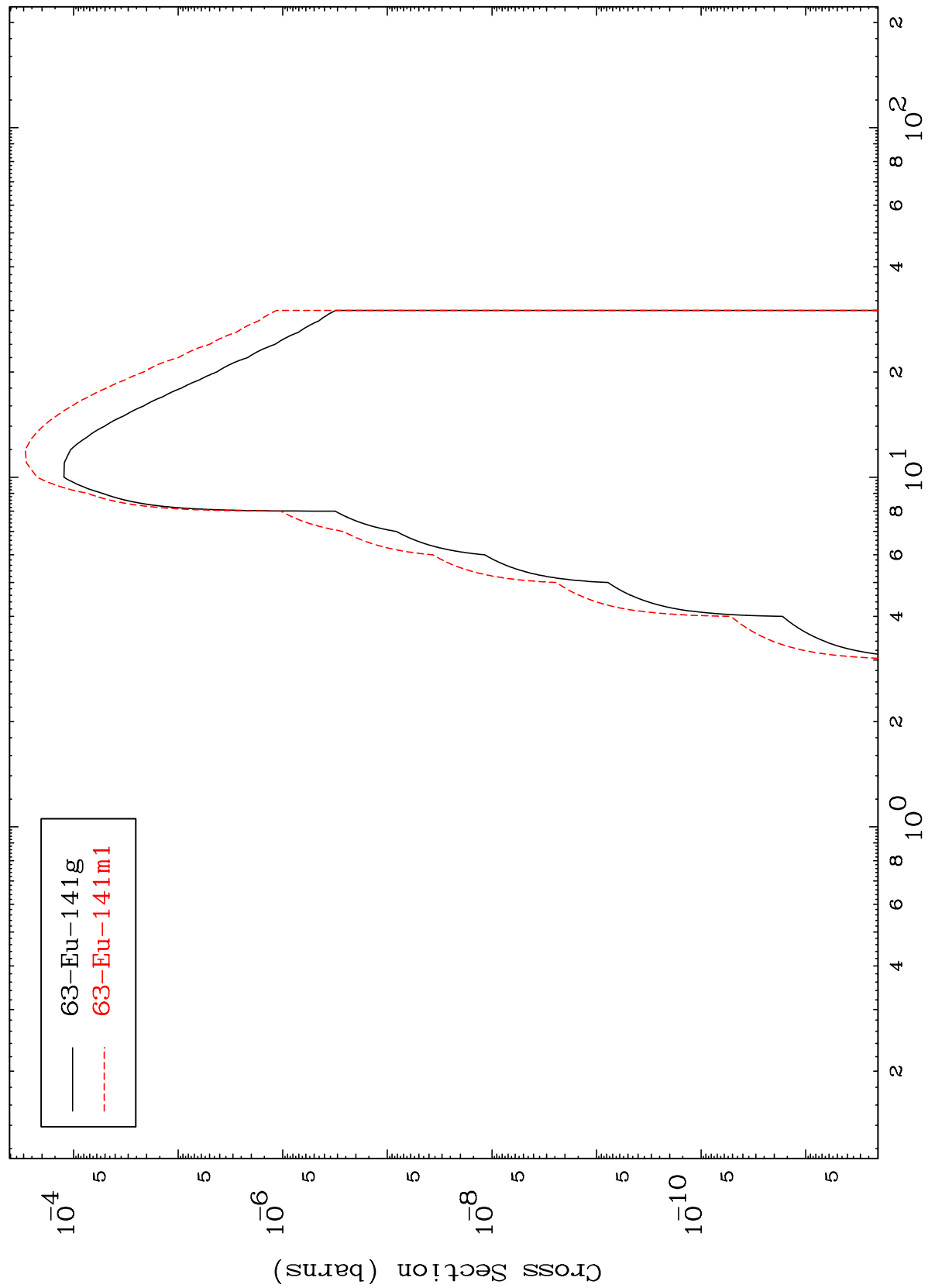
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(n, γ)
Radionuclide Production Cross Section



18

62-Sm-139

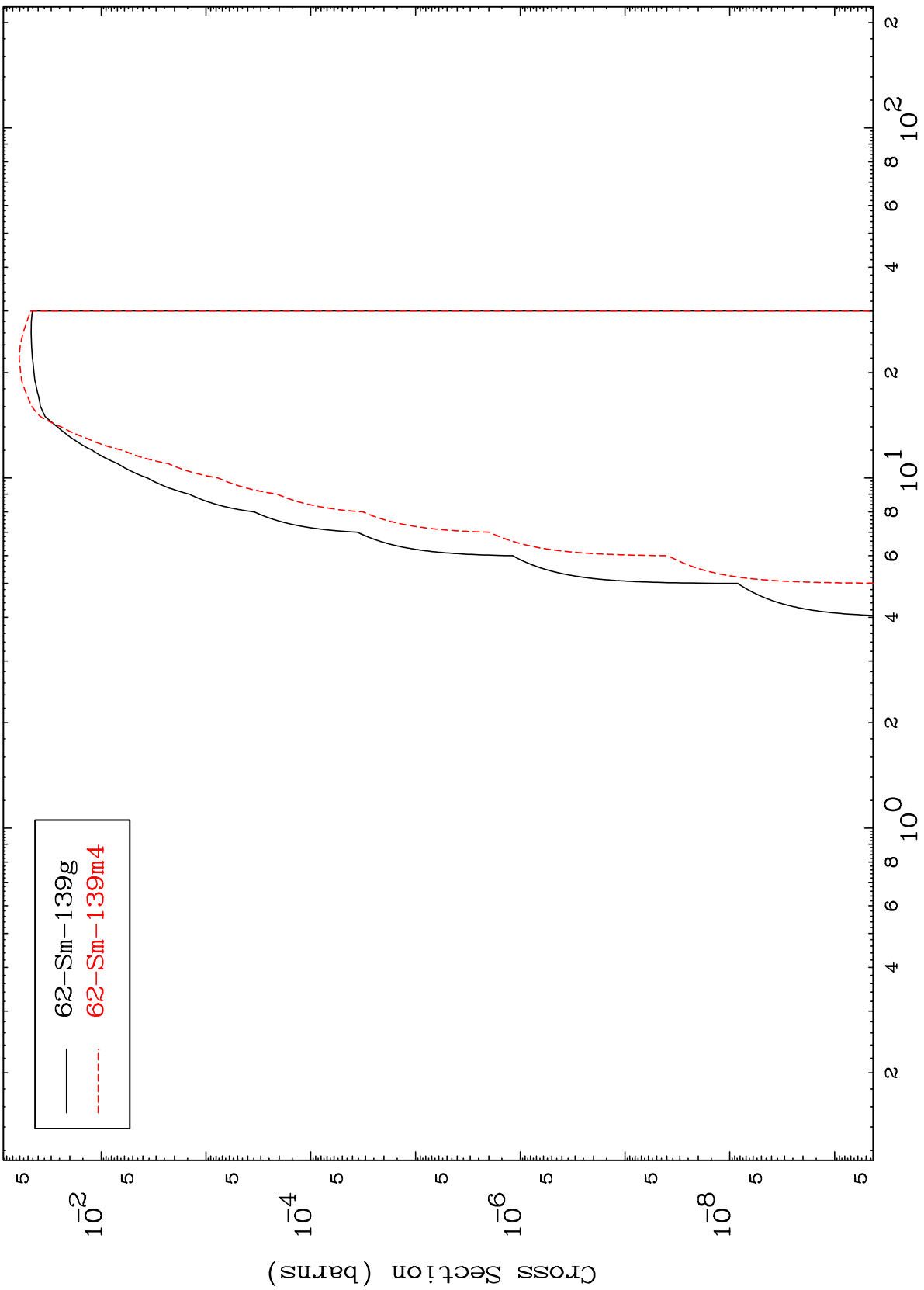
Incident Energy (MeV)

MAT 6210

(n,d)

62-Sm-139

Radionuclide Production Cross Section

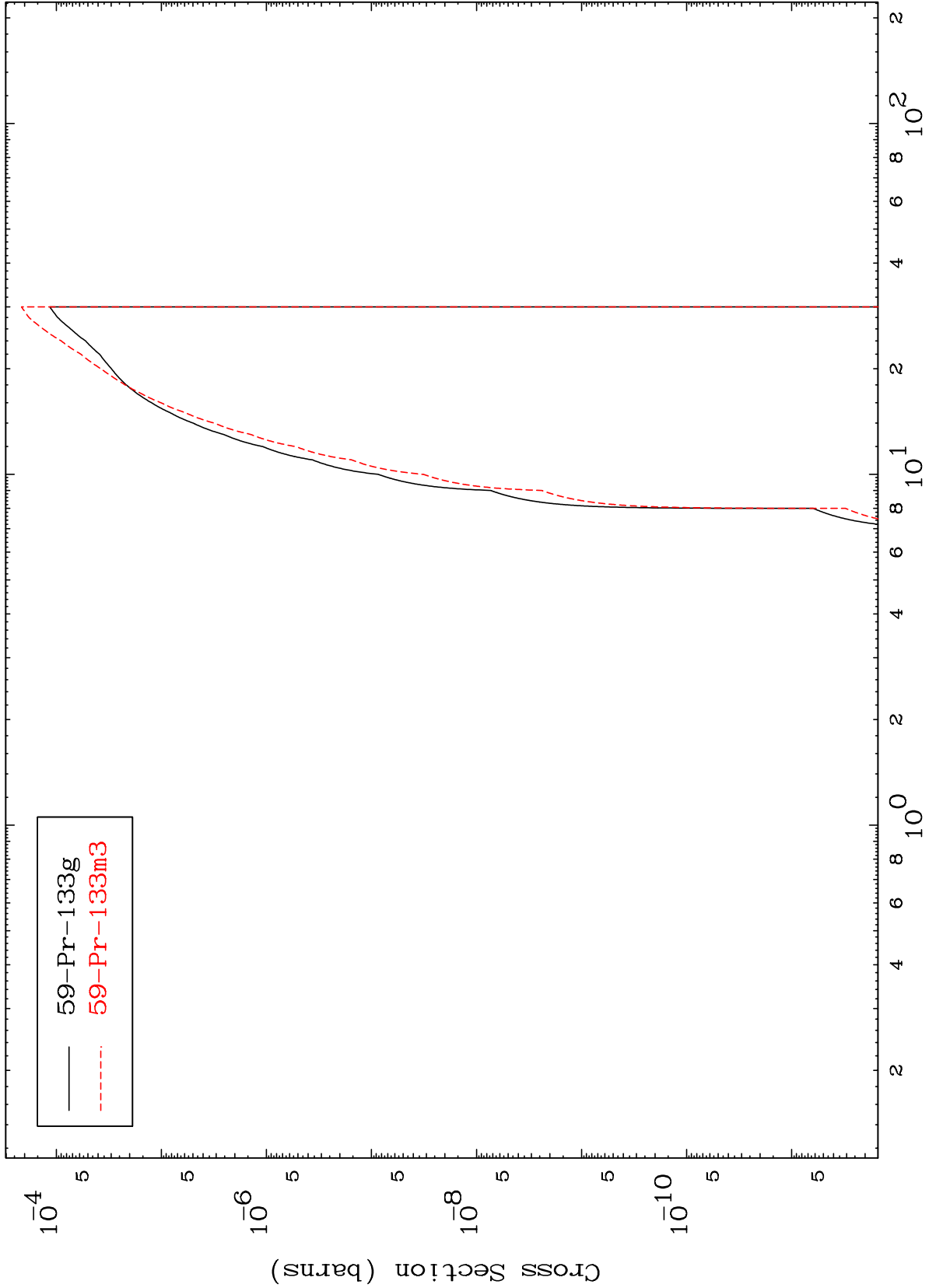


MAT 6210

(n,2α)

62-Sm-139

Radionuclide Production Cross Section



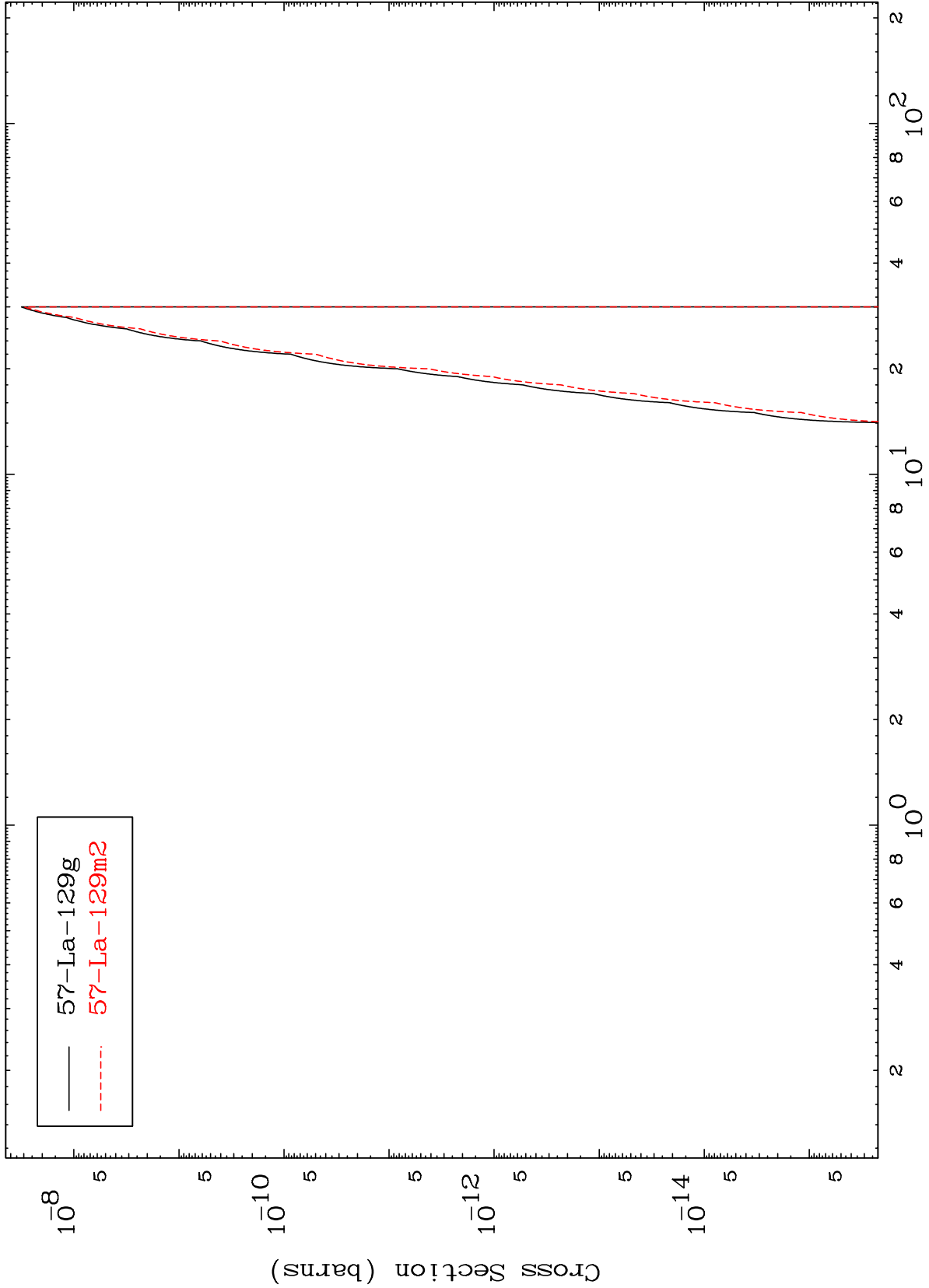
59-Pr-133g
59-Pr-133m3

MAT 6210

(n, 3α)

62-Sm-139

Radionuclide Production Cross Section



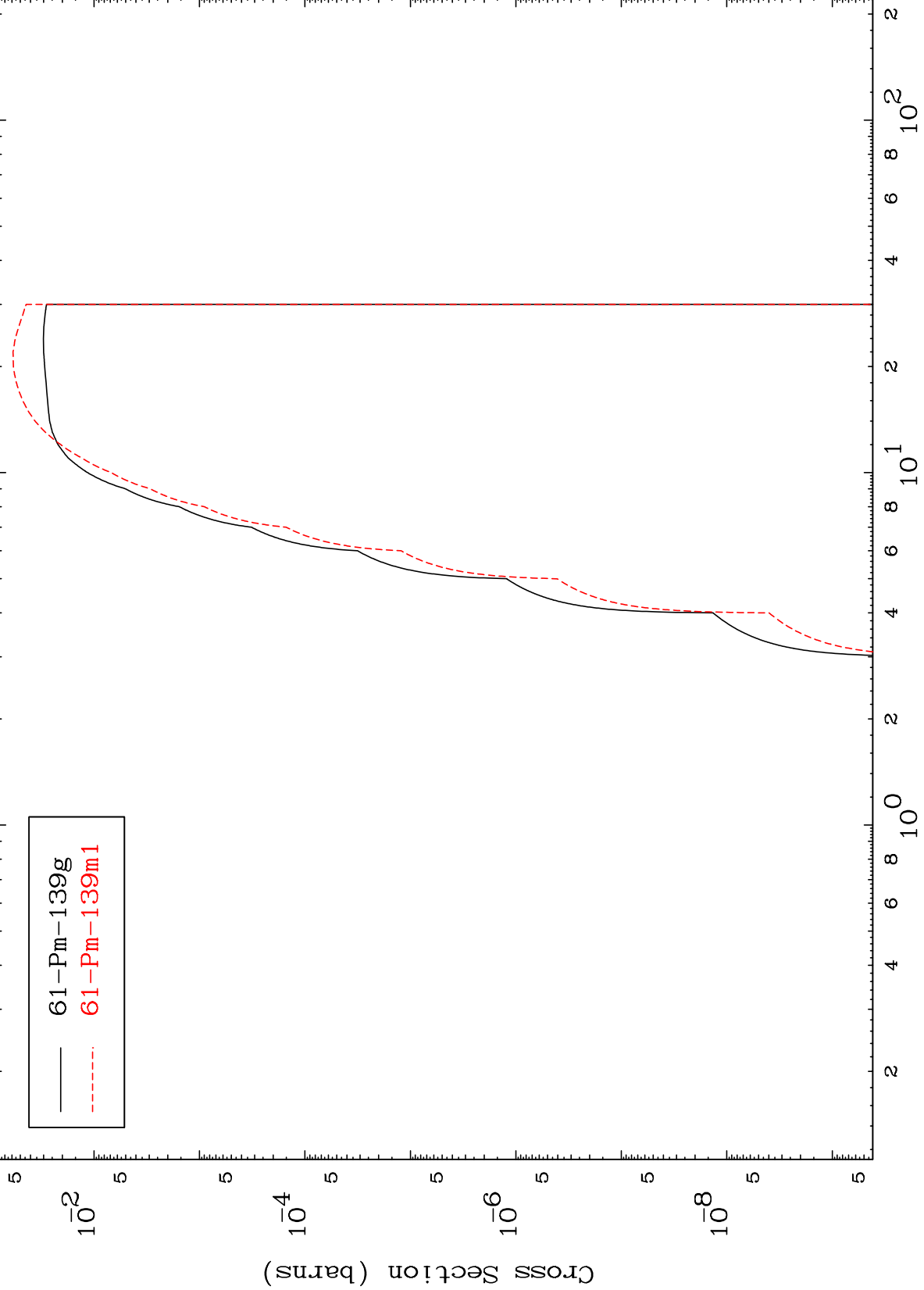
— 57-La-129g
- - - 57-La-129m2

MAT 6210

(n,2p)

62-Sm-139

Radionuclide Production Cross Section



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