

Program EVALPLOT
(Version 2021-1)

by

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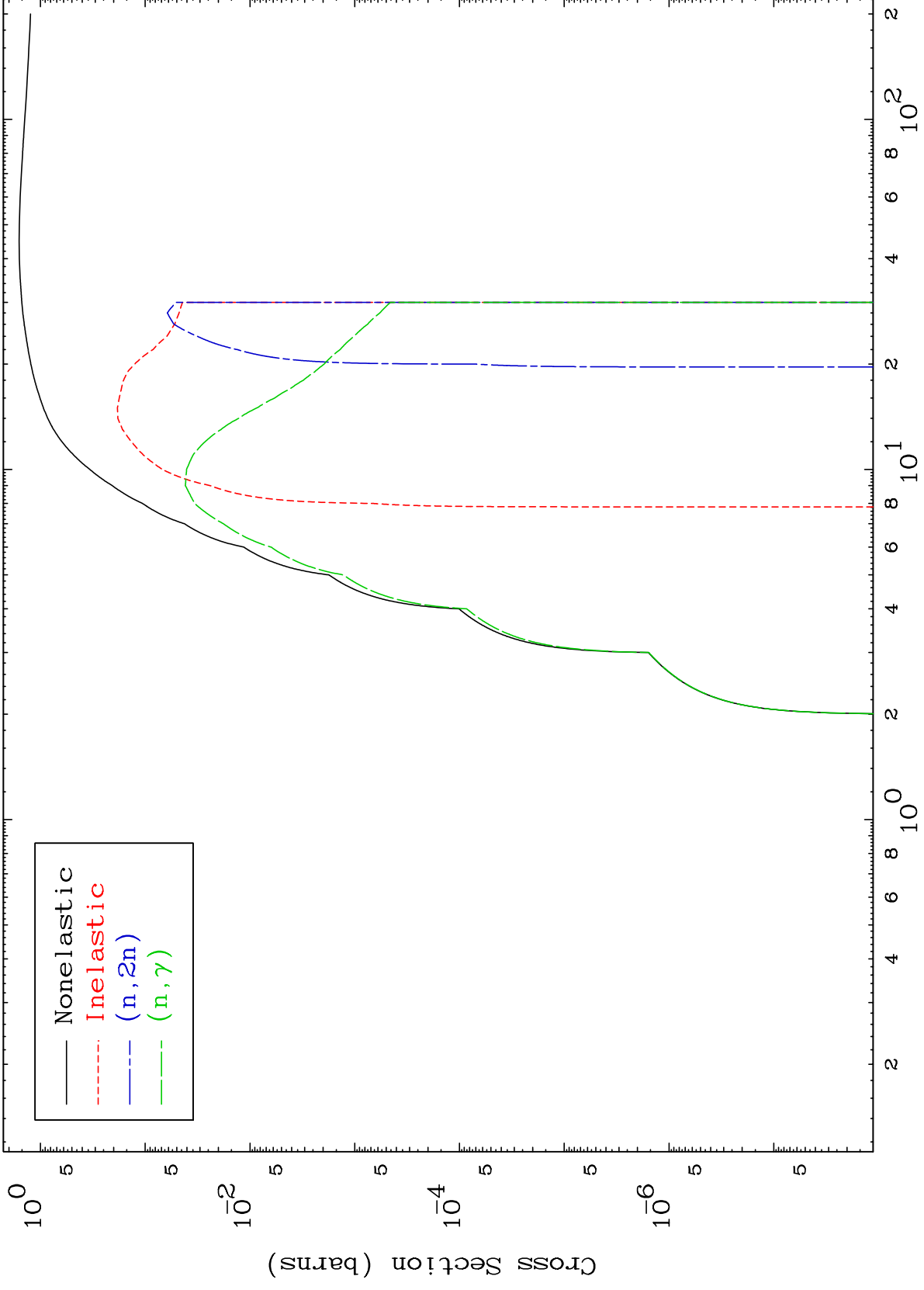
Press Mouse Button to Start

MAT 6210

Proton Major

62-Sm-139

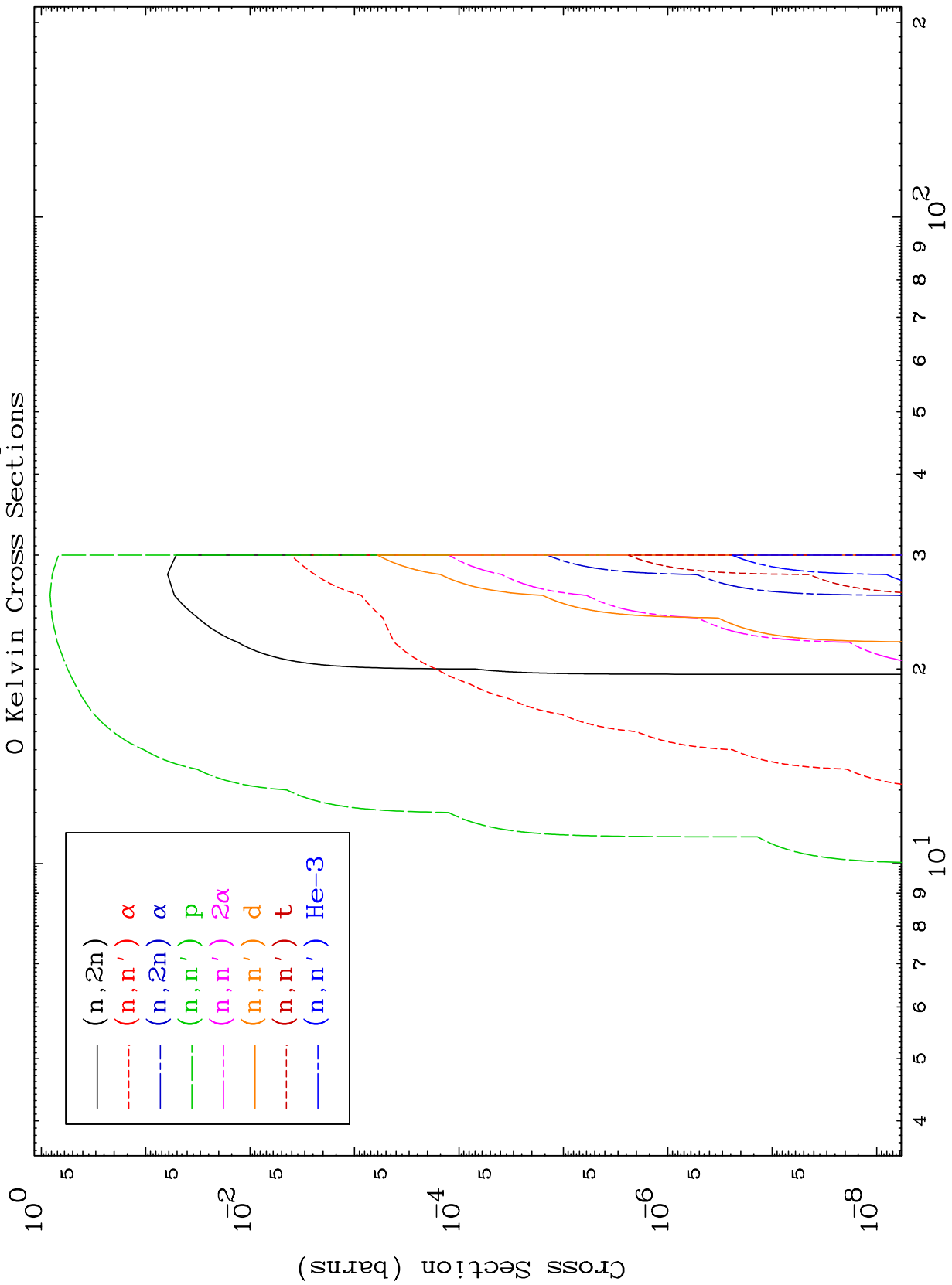
0 Kelvin Cross Sections



MAT 6210

Proton Neutron Absorption
0 Kelvin Cross Sections

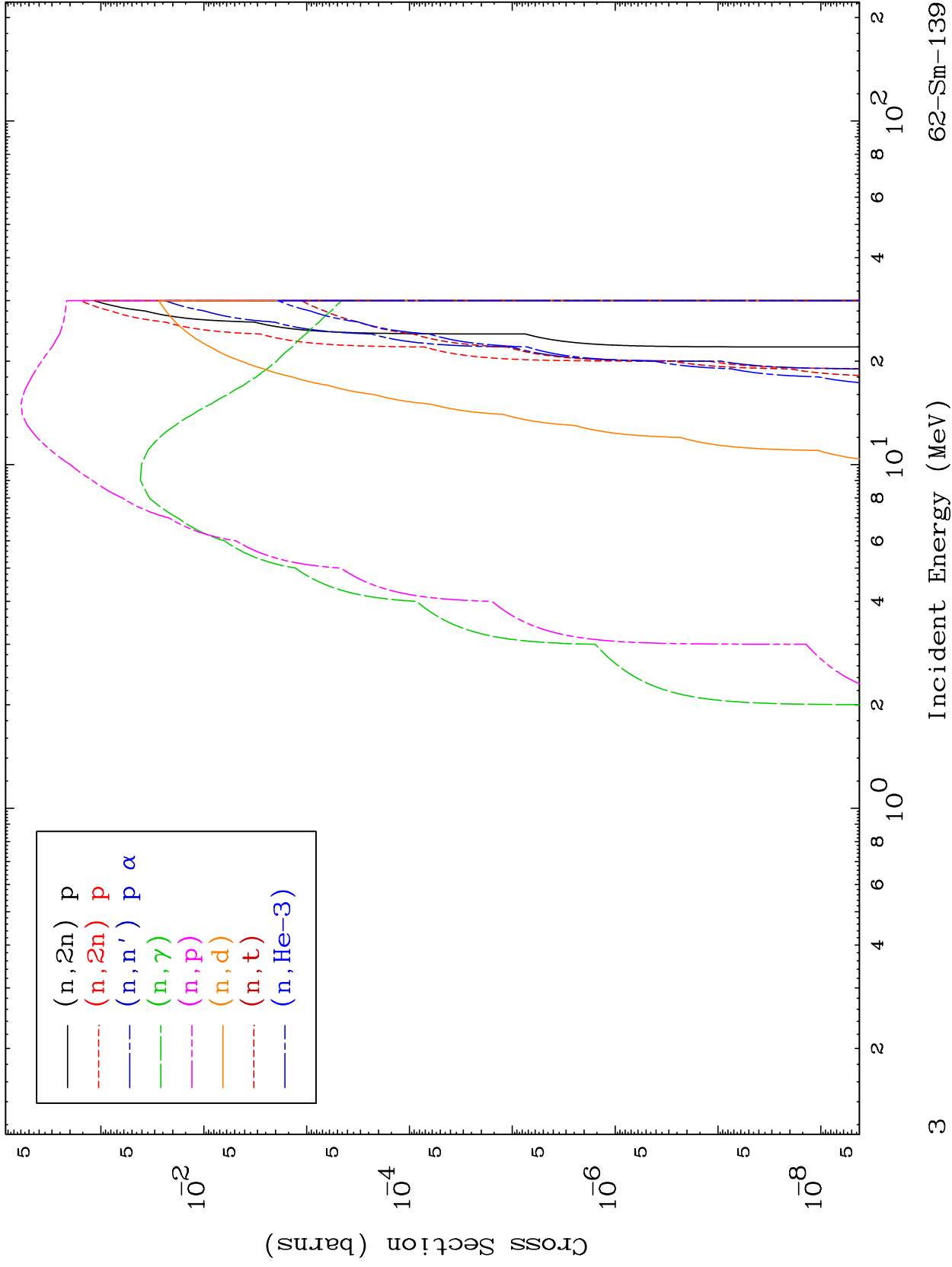
62-Sm-139

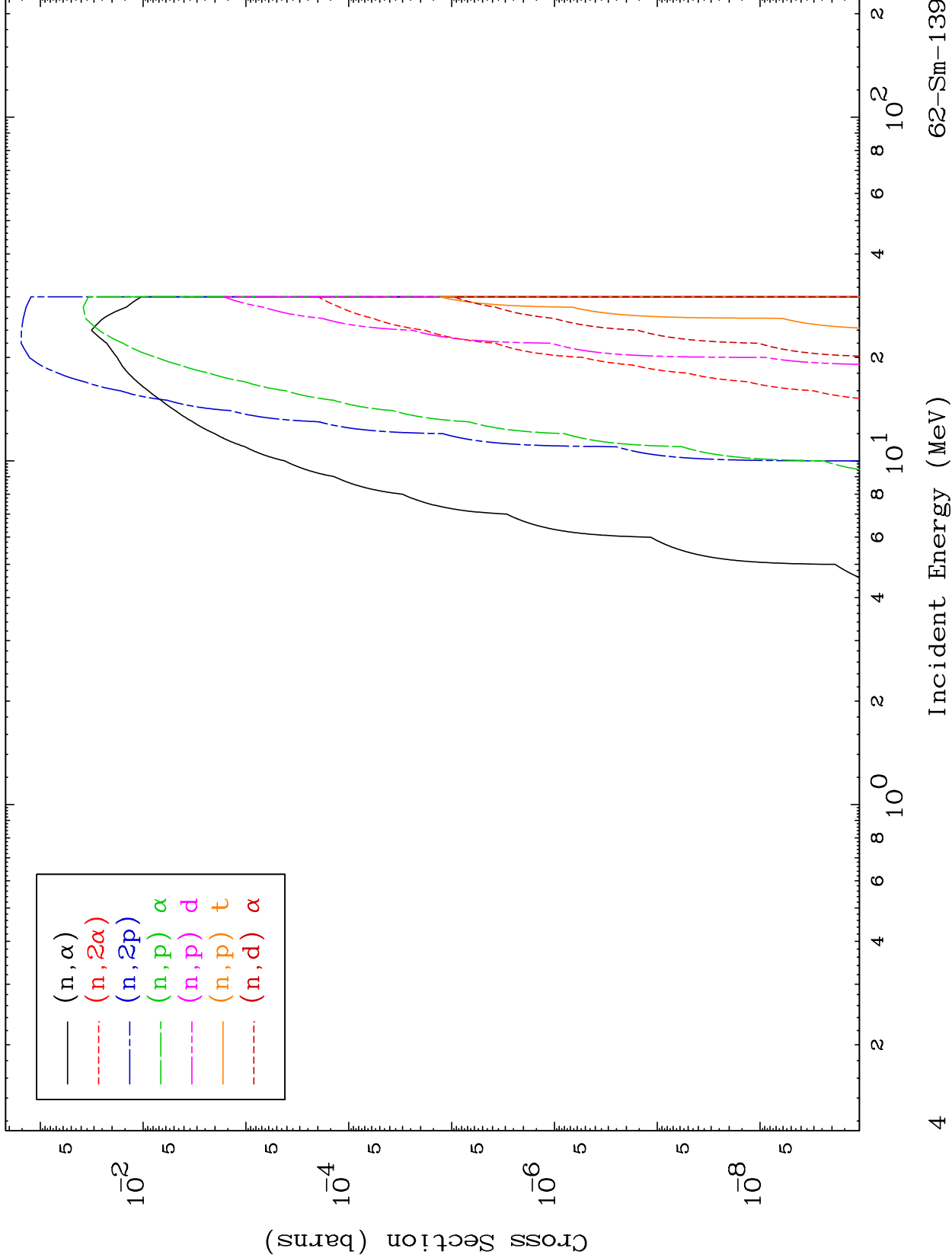


2

Incident Energy (MeV)

62-Sm-139

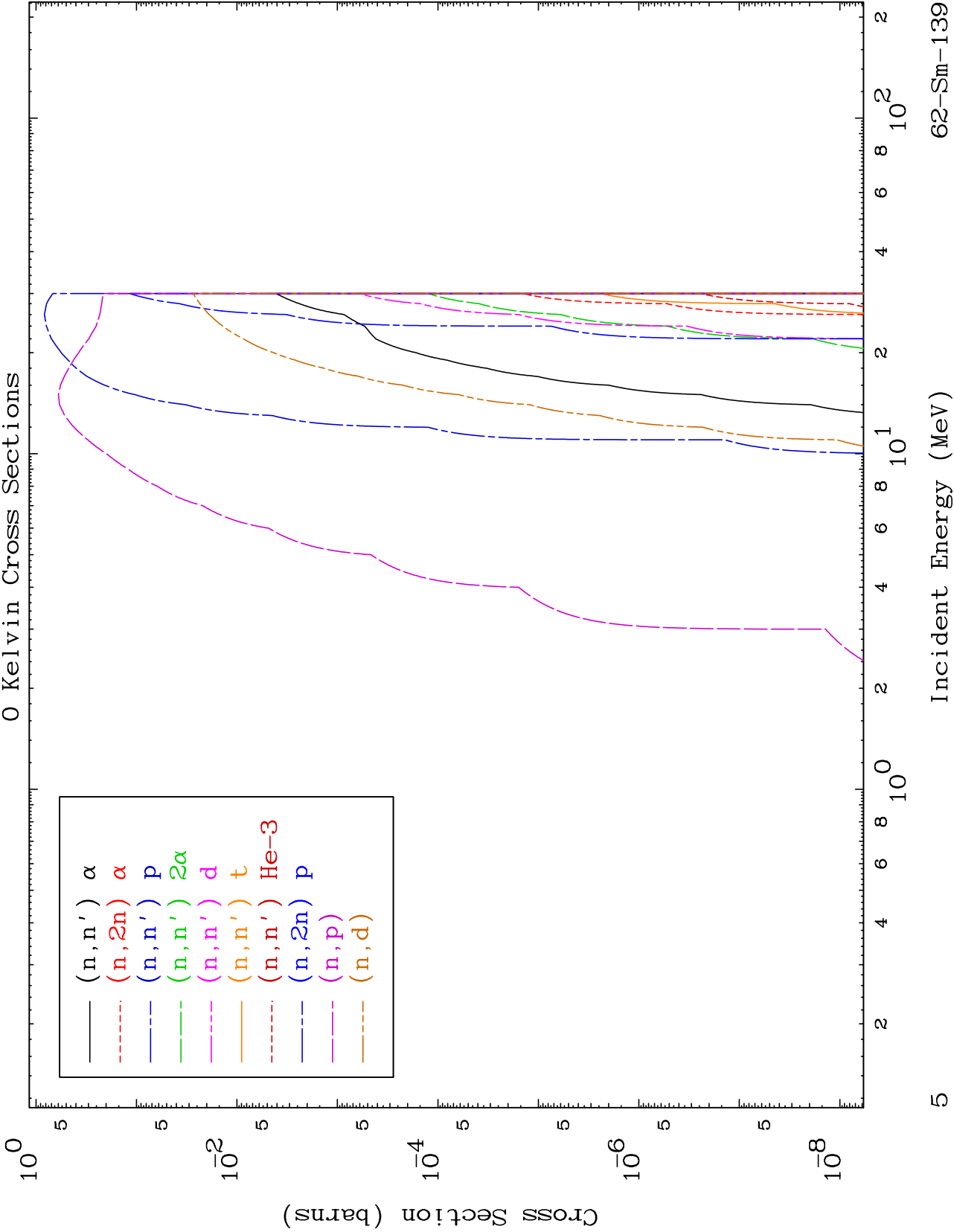




MAT 6210

Proton Charged Particle
0 Kelvin Cross Sections

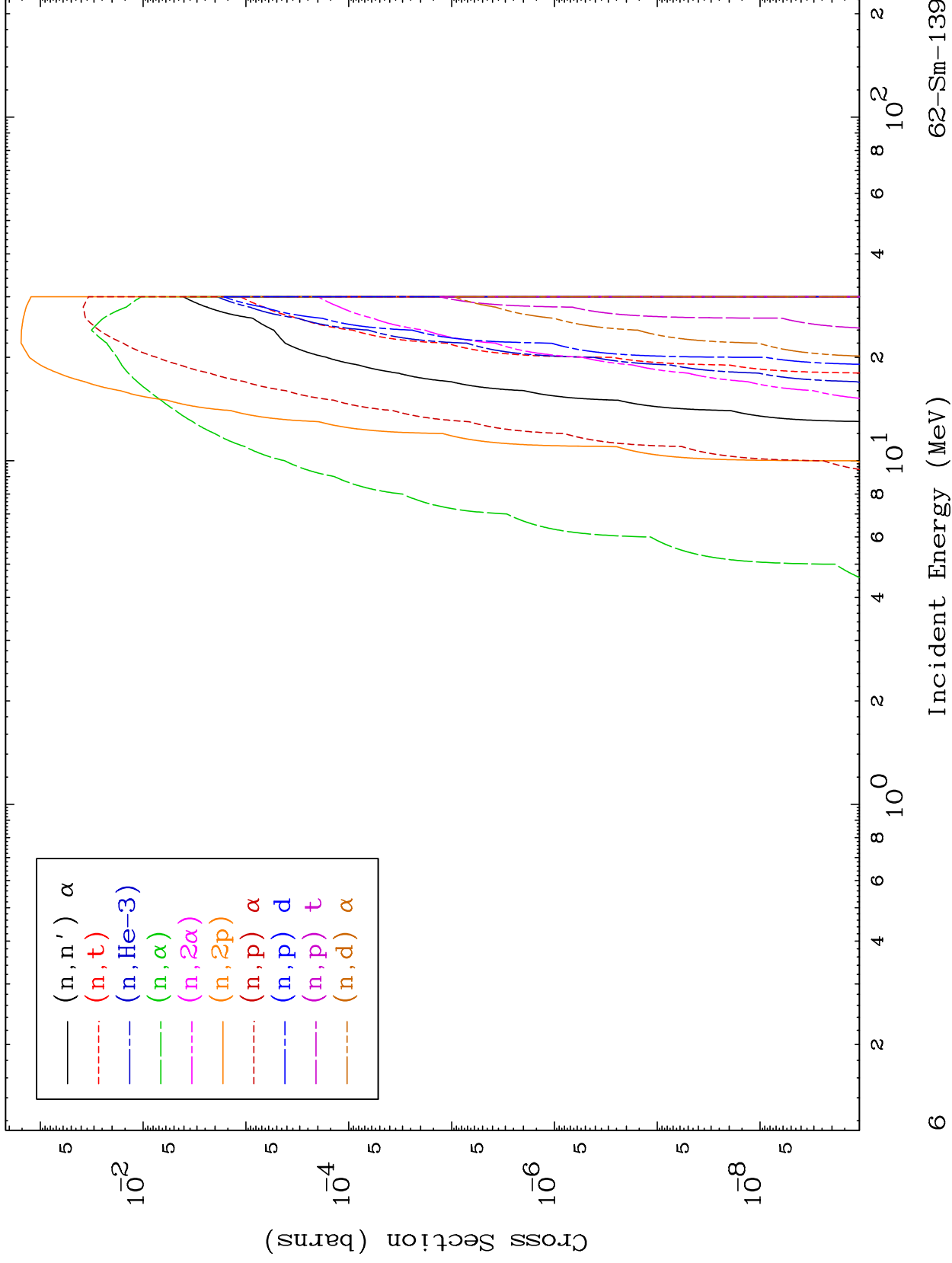
62-Sm-139



MAT 6210

Proton Charged Particle
0 Kelvin Cross Sections

62-Sm-139

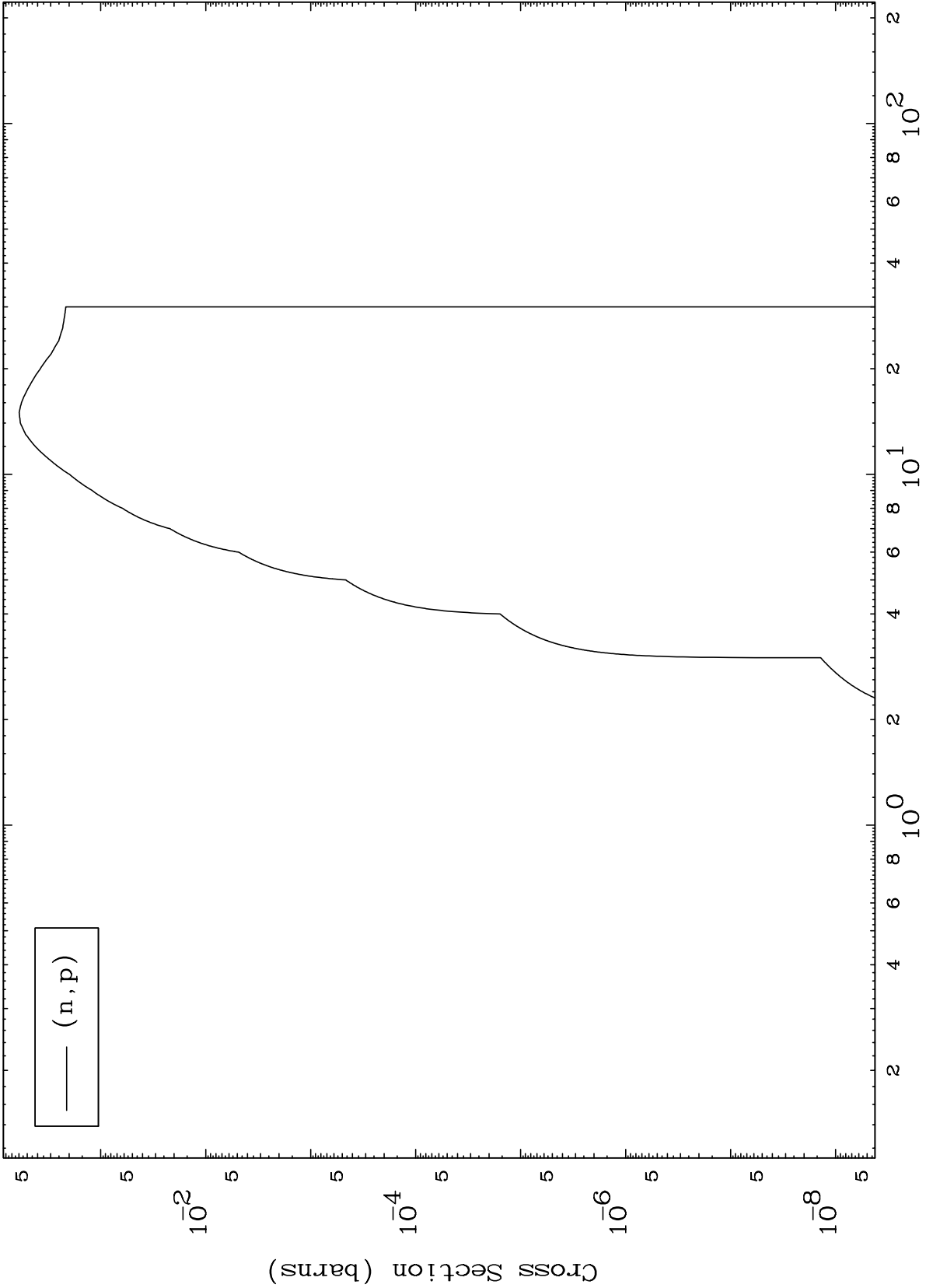


MAT 6210

(p,p) Levels

62-Sm-139

0 Kelvin Cross Sections



(n,p)

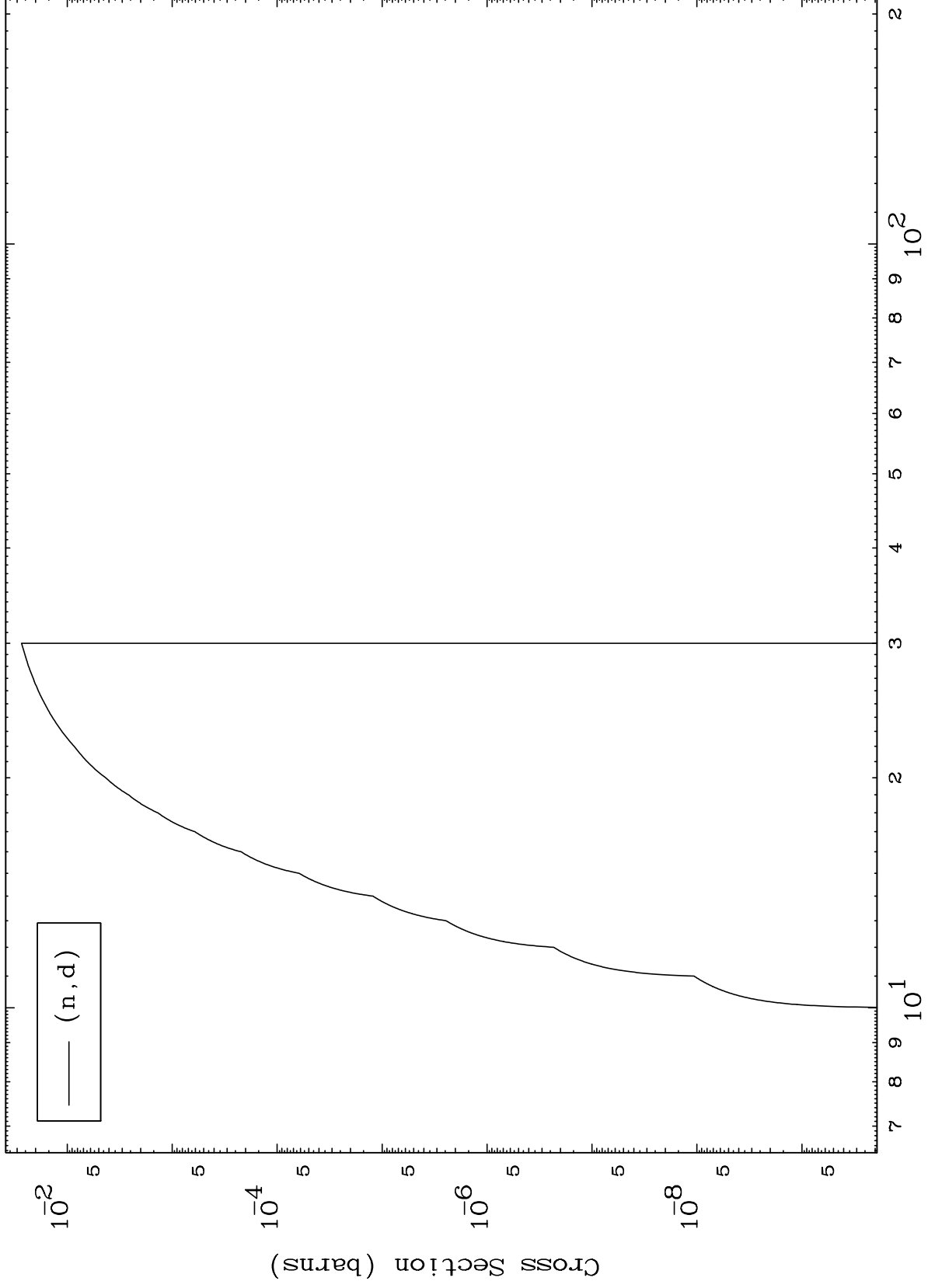
Incident Energy (MeV)

62-Sm-139

MAT 6210

(p,d) Levels
0 Kelvin Cross Sections

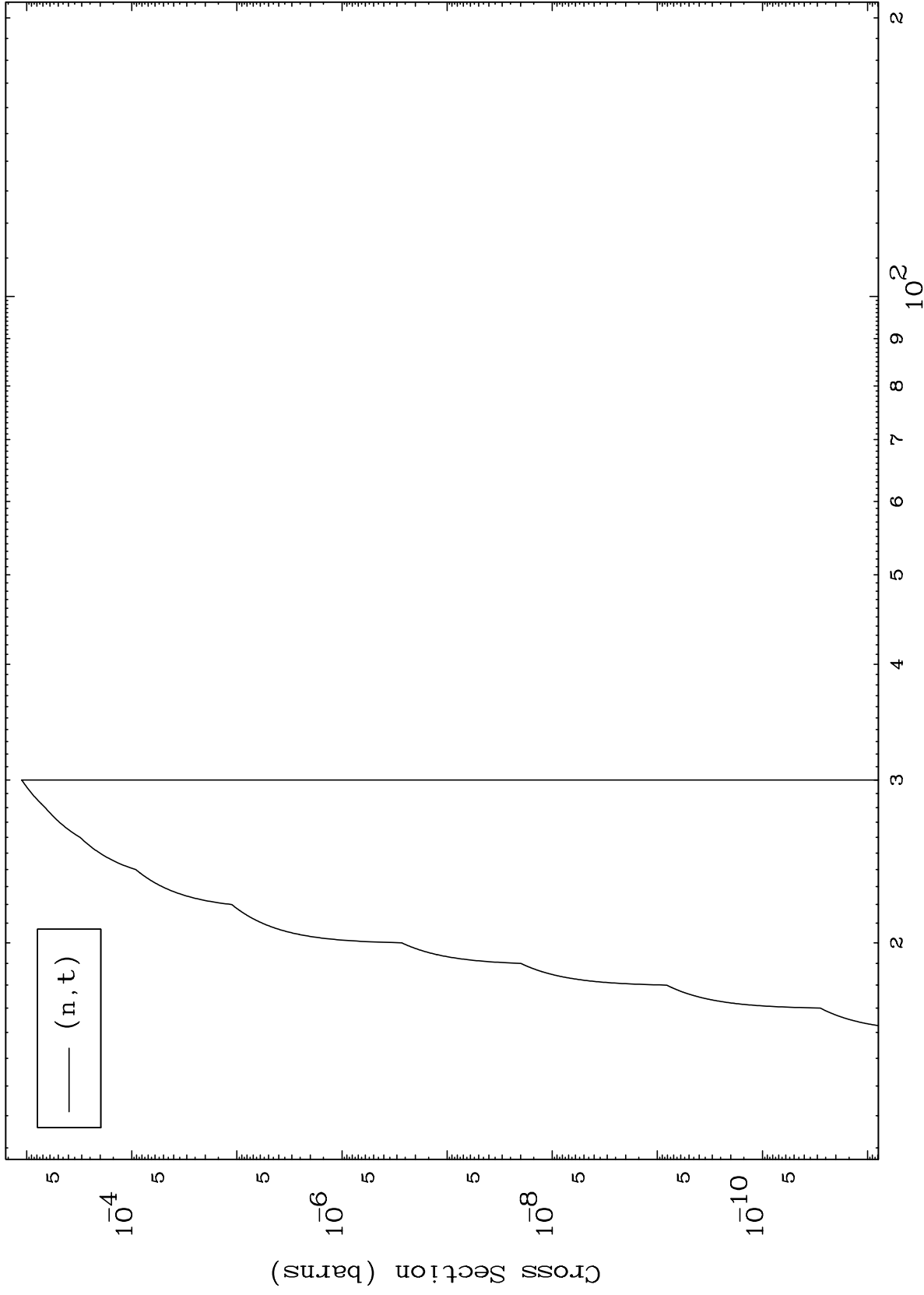
62-Sm-139



8

Incident Energy (MeV)

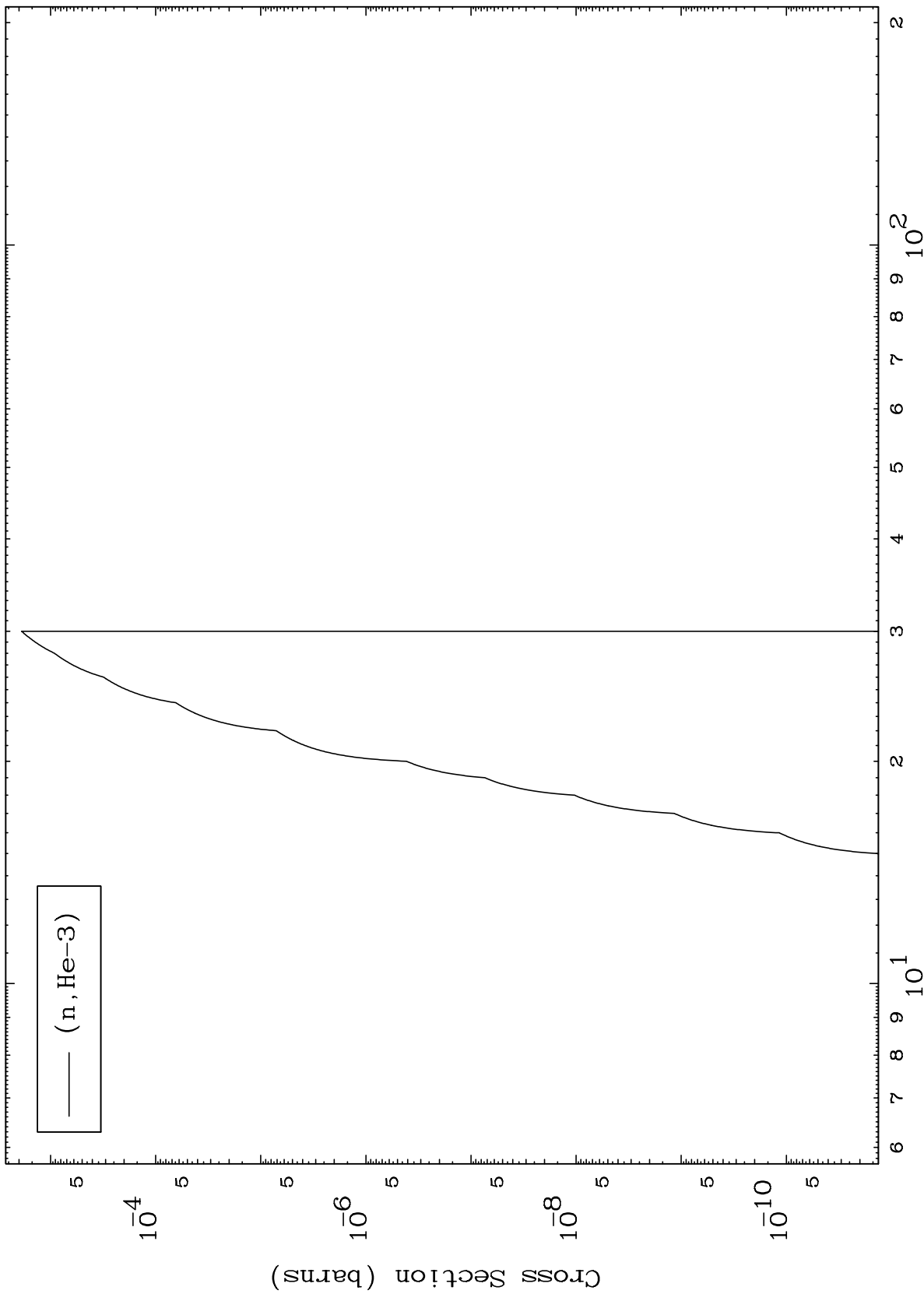
62-Sm-139



MAT 6210

62-Sm-139

(p,He3) Levels
0 Kelvin Cross Sections



62-Sm-139

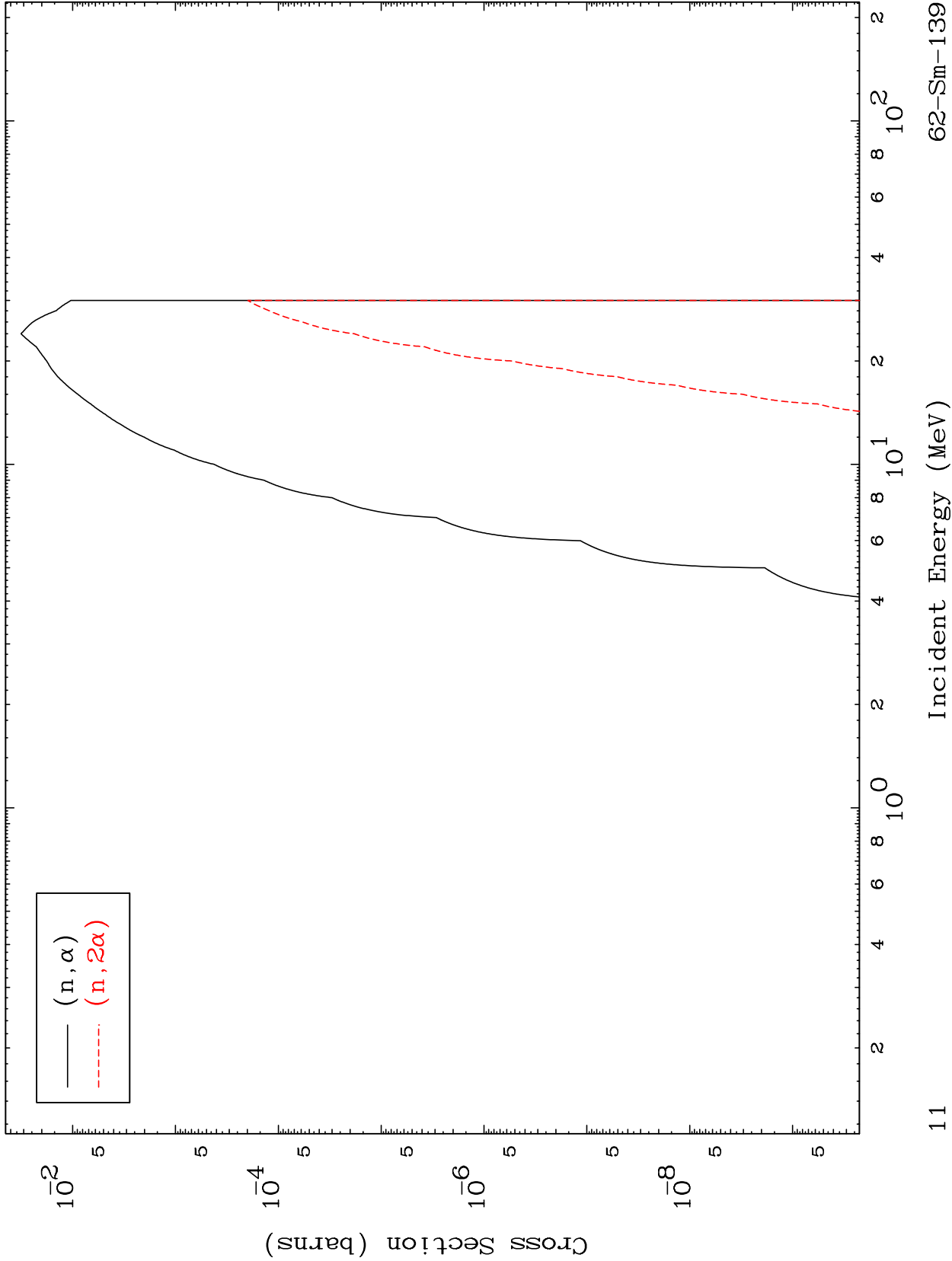
Incident Energy (MeV)

10

MAT 6210

(p, α) Levels
0 Kelvin Cross Sections

62-Sm-139



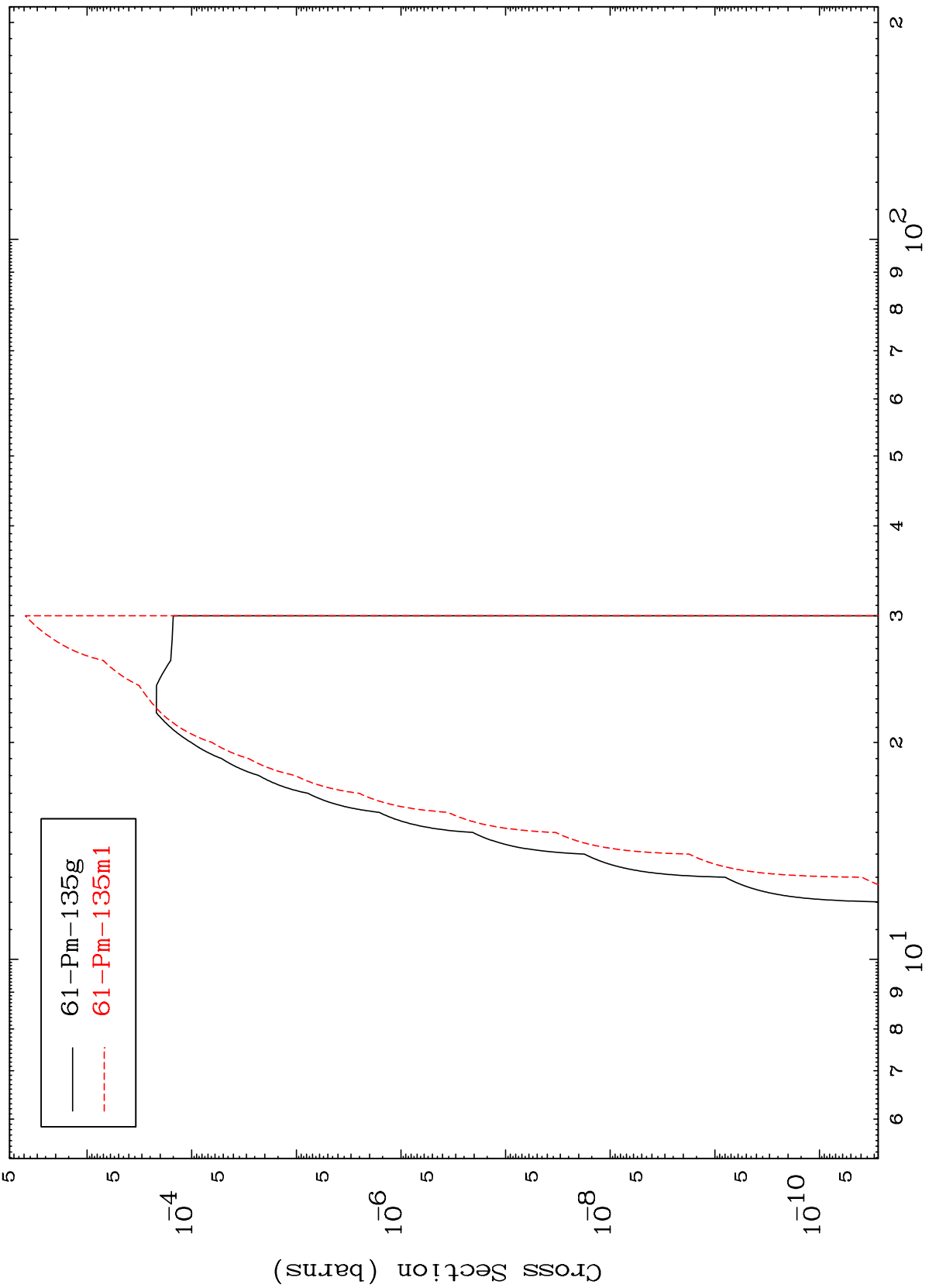
62-Sm-139

MAT 6210

$(n, n') \alpha$

62-Sm-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

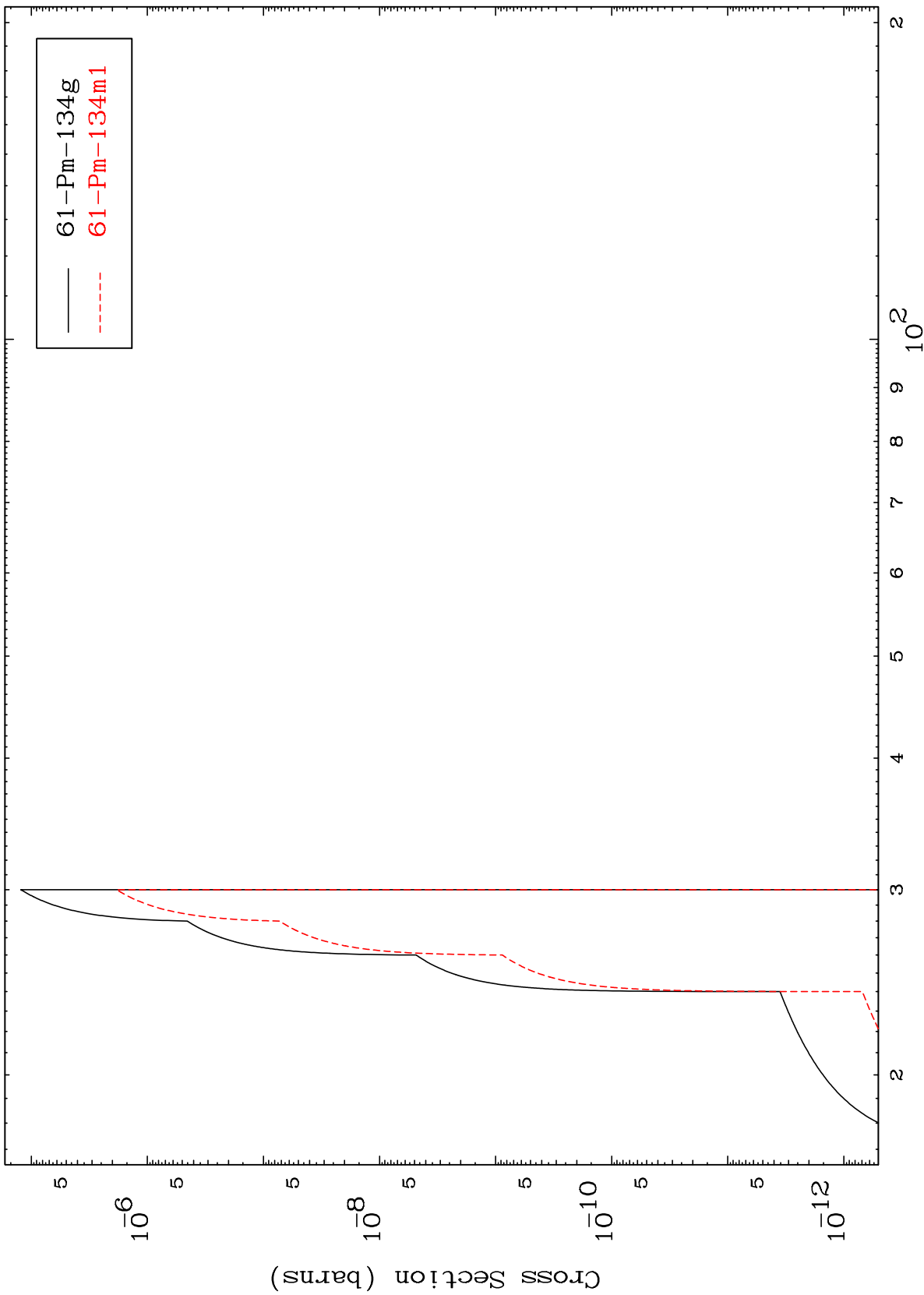
62-Sm-139

MAT 6210

(n,2n) α

62-Sm-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

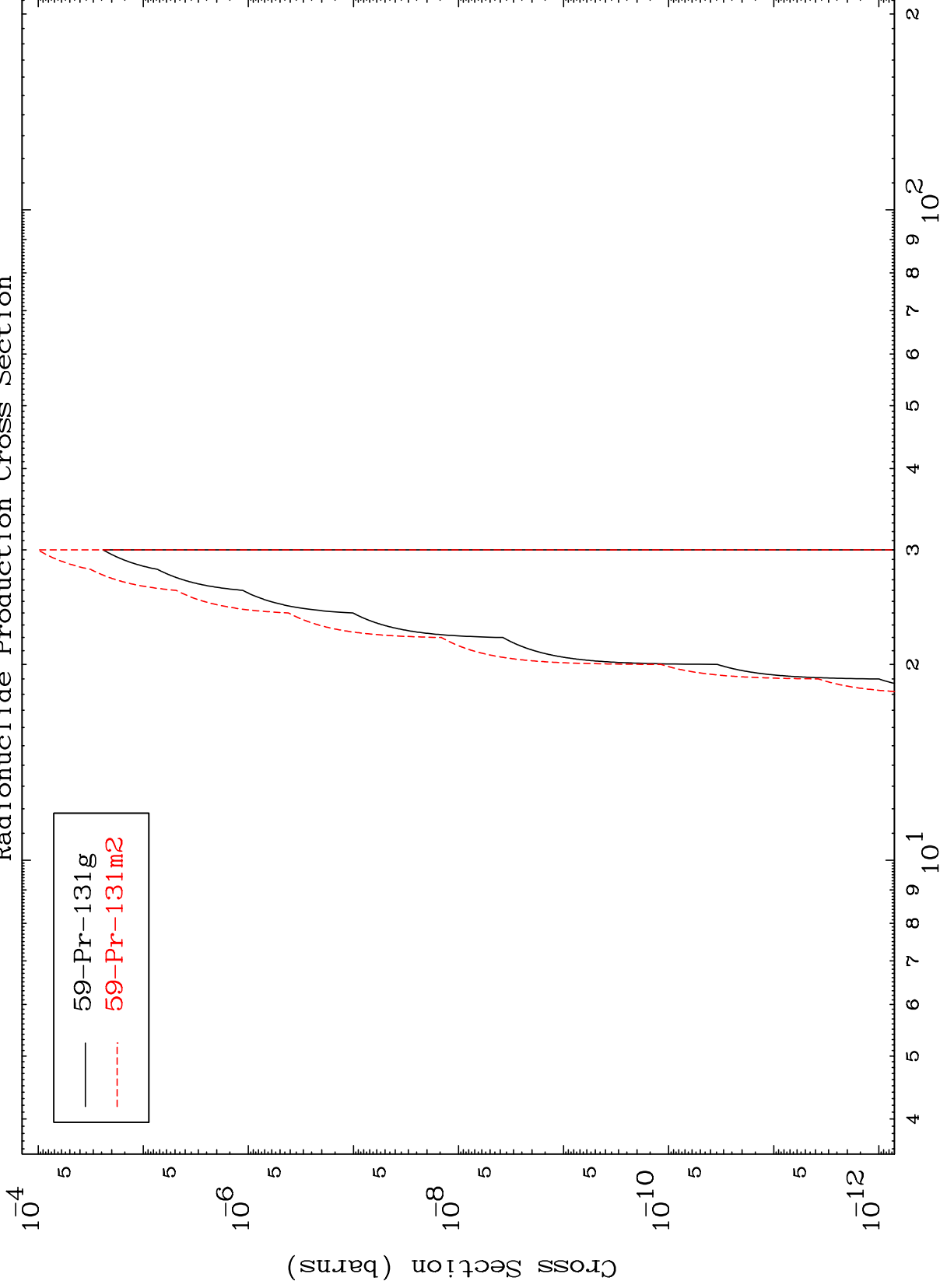
62-Sm-139

MAT 6210

(n,n') 2α

62-Sm-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

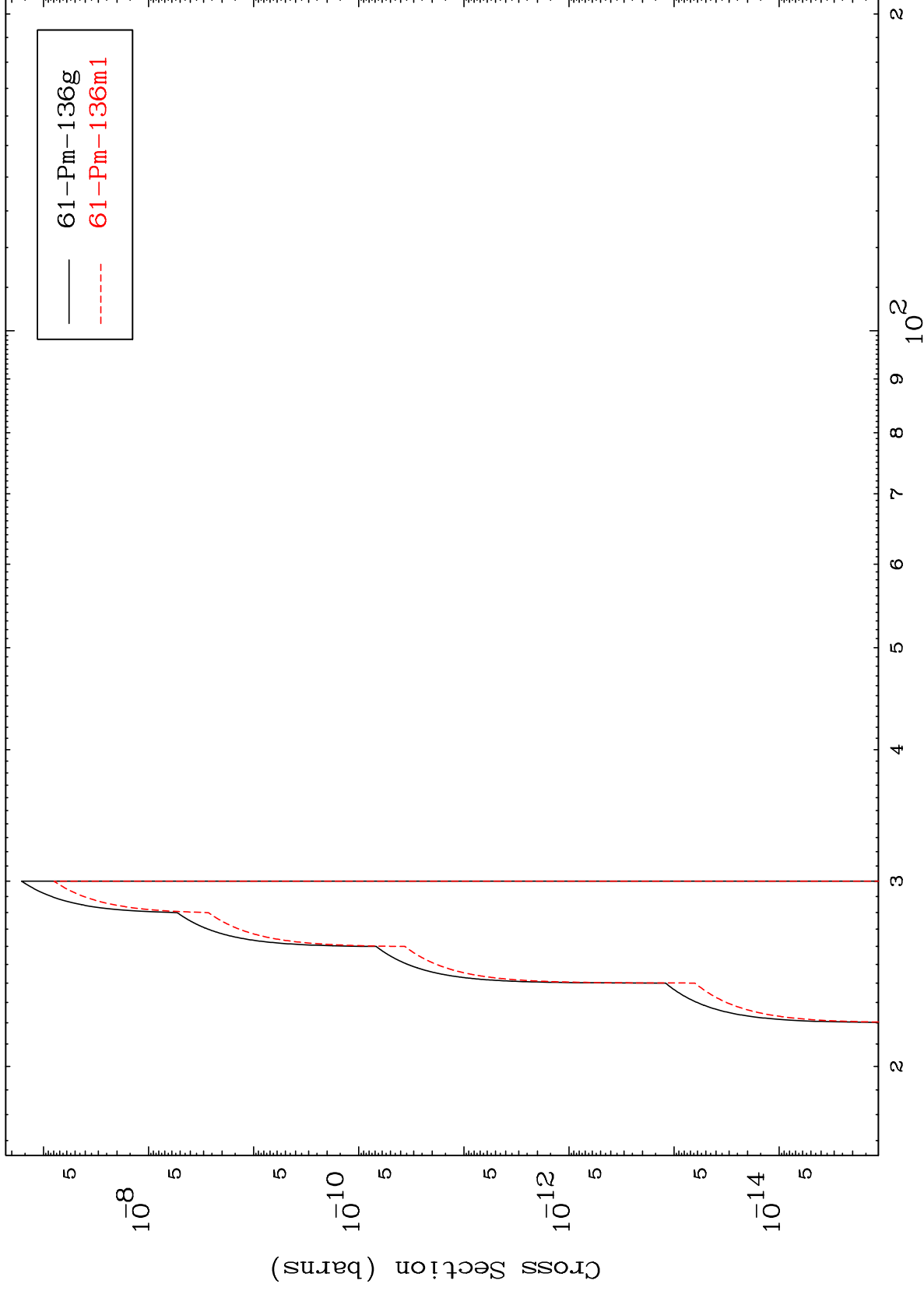
62-Sm-139

MAT 6210

(n,n') He-3

62-Sm-139

Radionuclide Production Cross Section



15

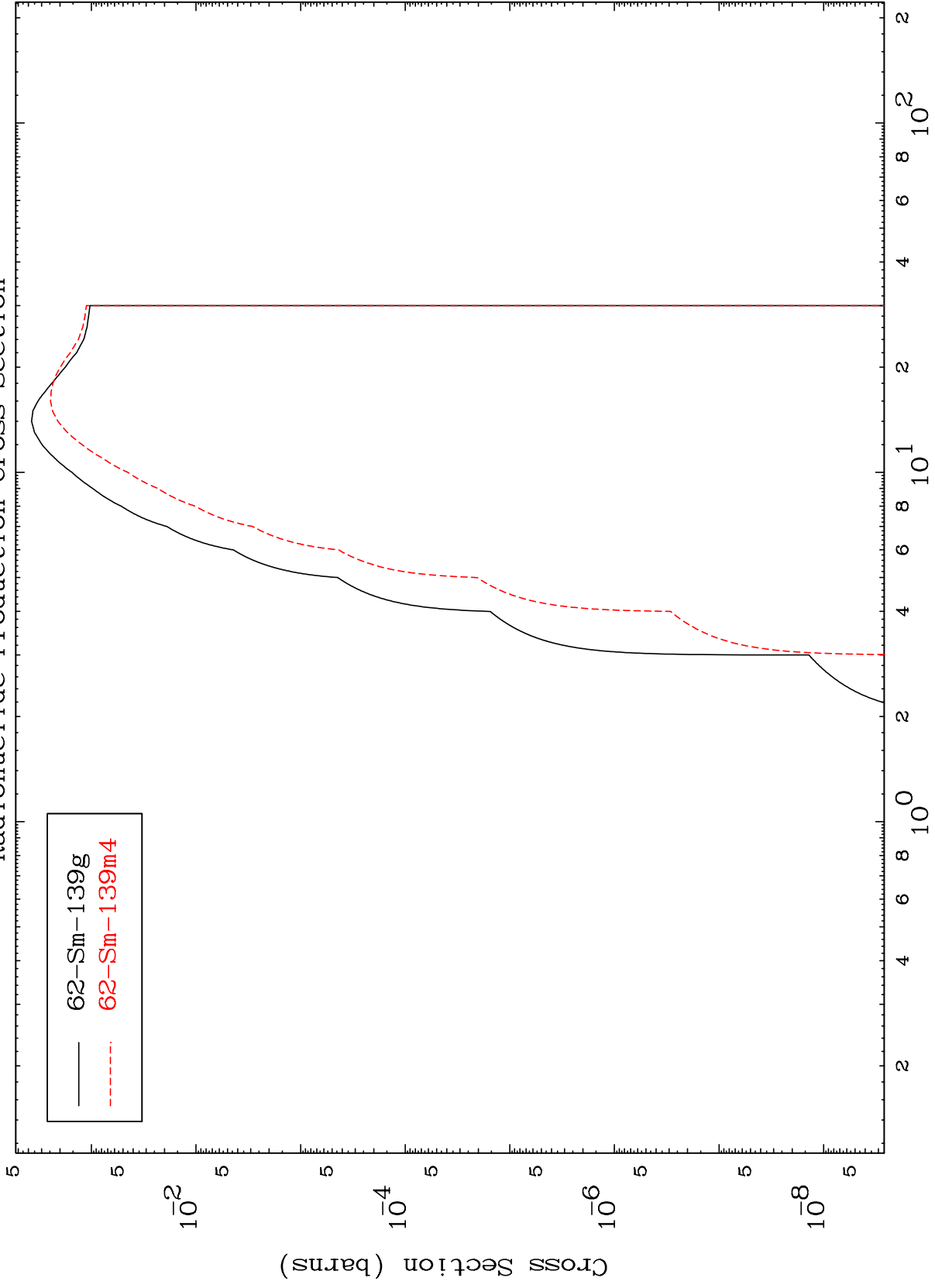
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(n,p)
Radionuclide Production Cross Section



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

62-Sm-139

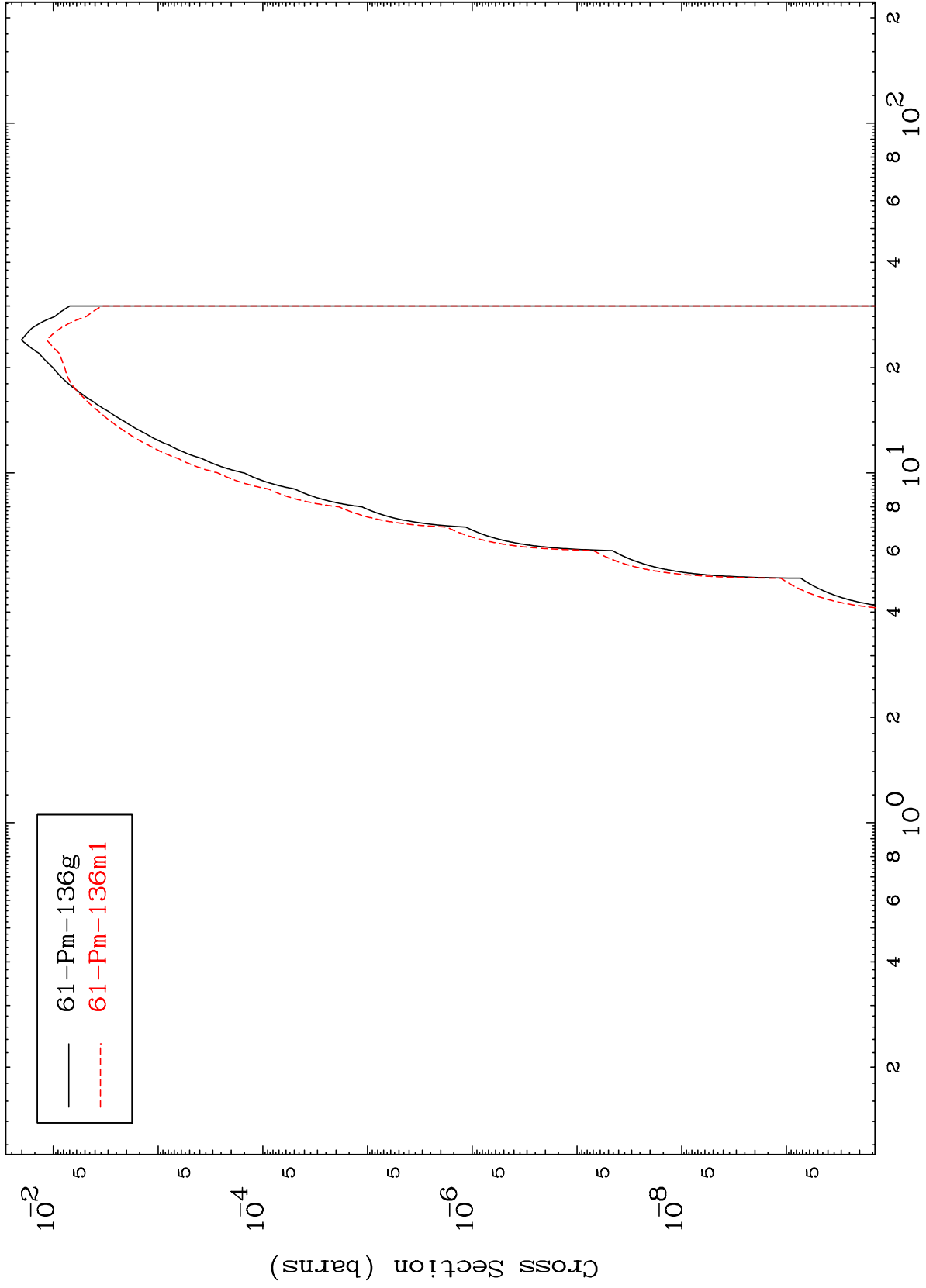
Incident Energy (MeV)

16

MAT 6210

62-Sm-139

(n, α)
Radionuclide Production Cross Section



17

62-Sm-139

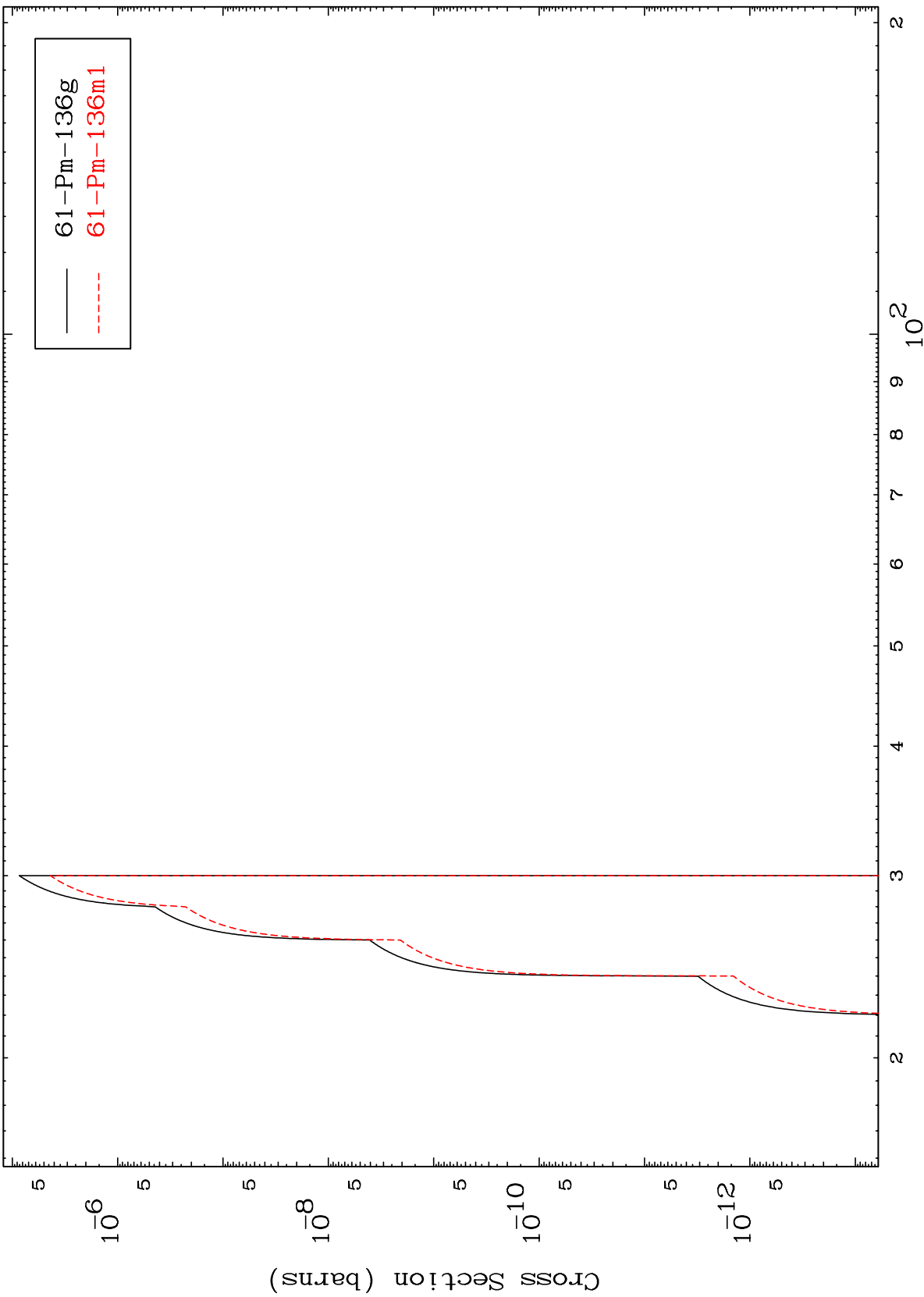
Incident Energy (MeV)

MAT 6210

(n,p) t

62-Sm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

62-Sm-139