

Program EVALPLOT
(Version 2021-1)

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

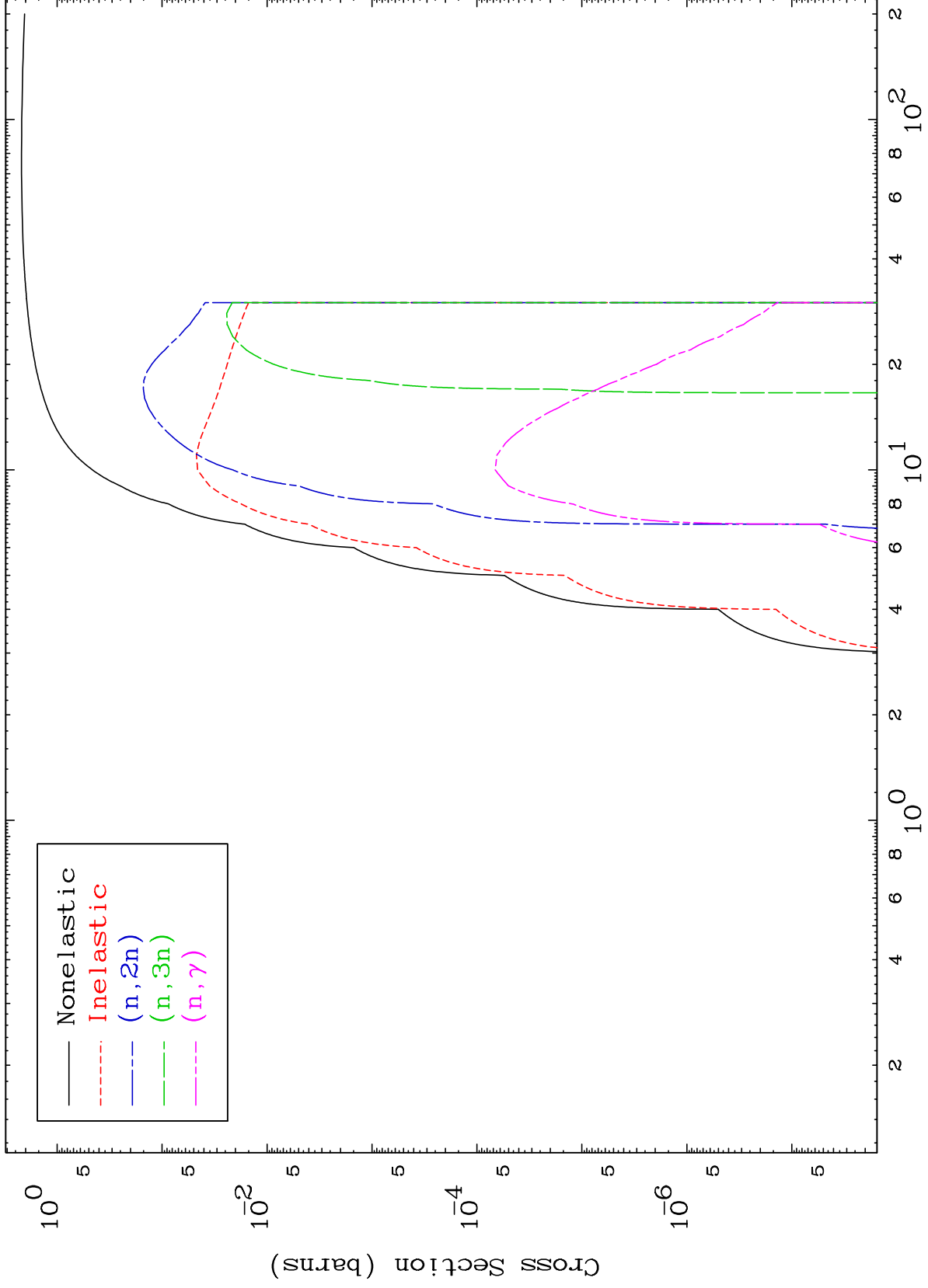
Press Mouse Button to Start

MAT 6210

Triton Major

62-Sm-139

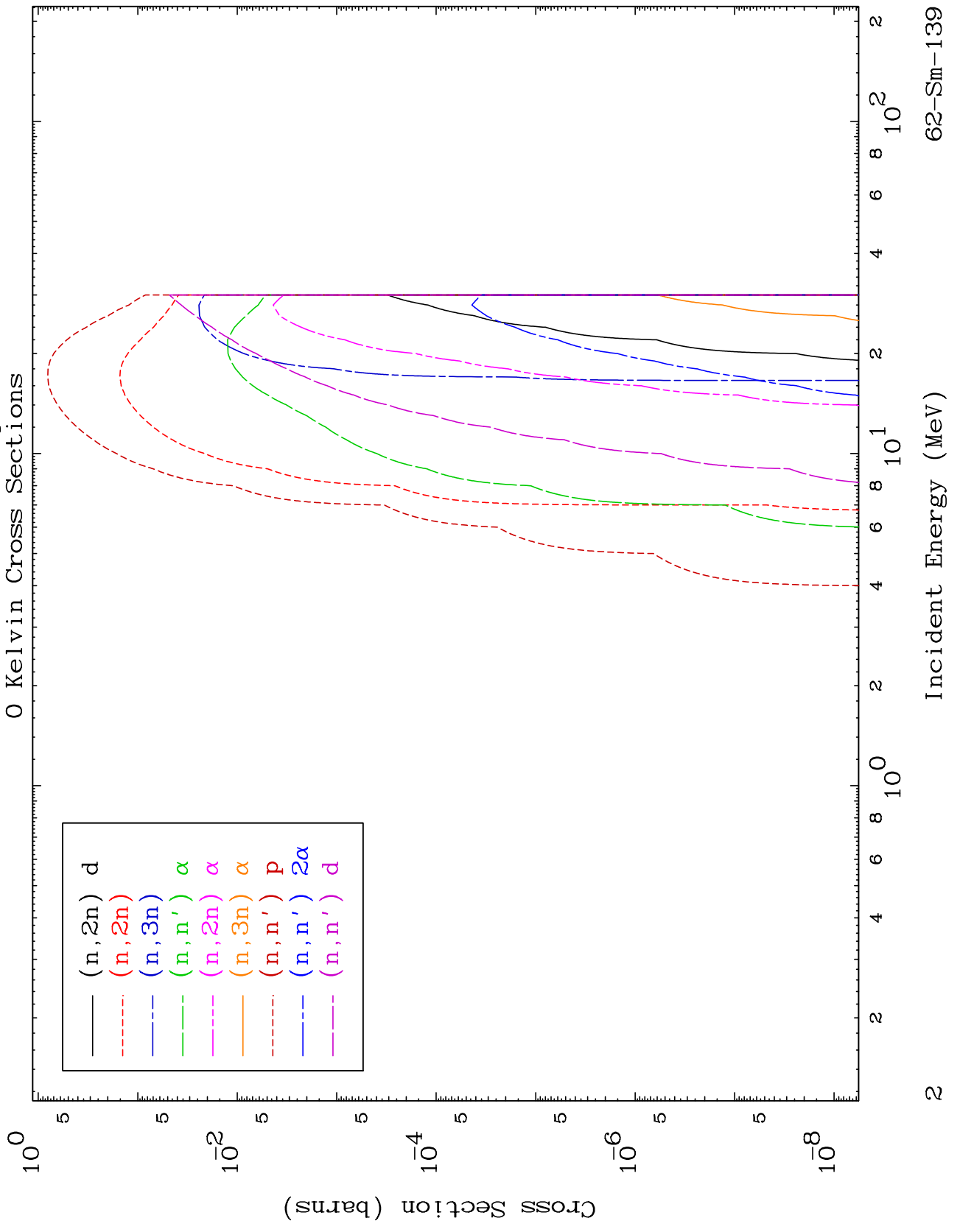
0 Kelvin Cross Sections



MAT 6210

Triton Neutron Absorption
0 Kelvin Cross Sections

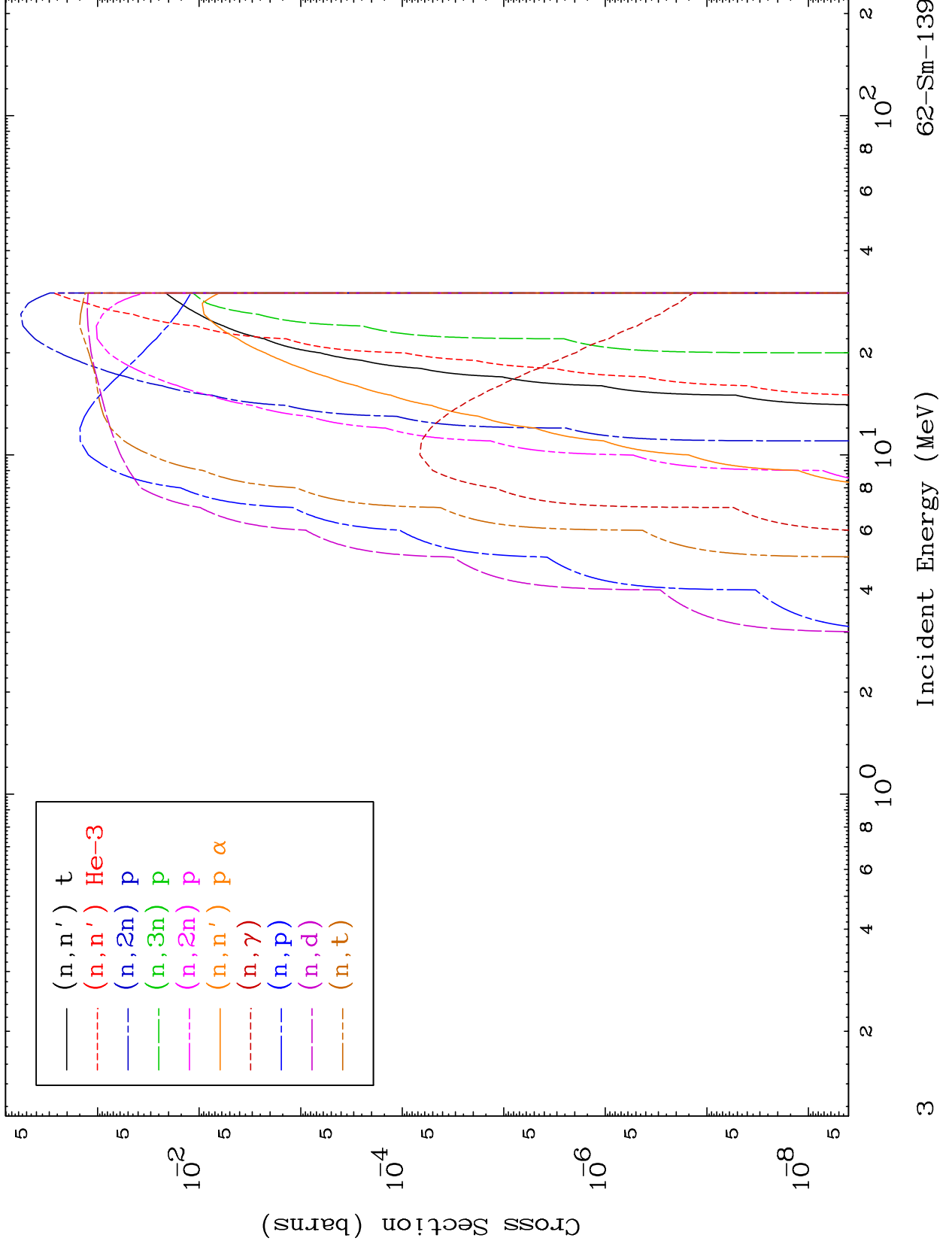
62-Sm-139



62-Sm-139

Incident Energy (MeV)

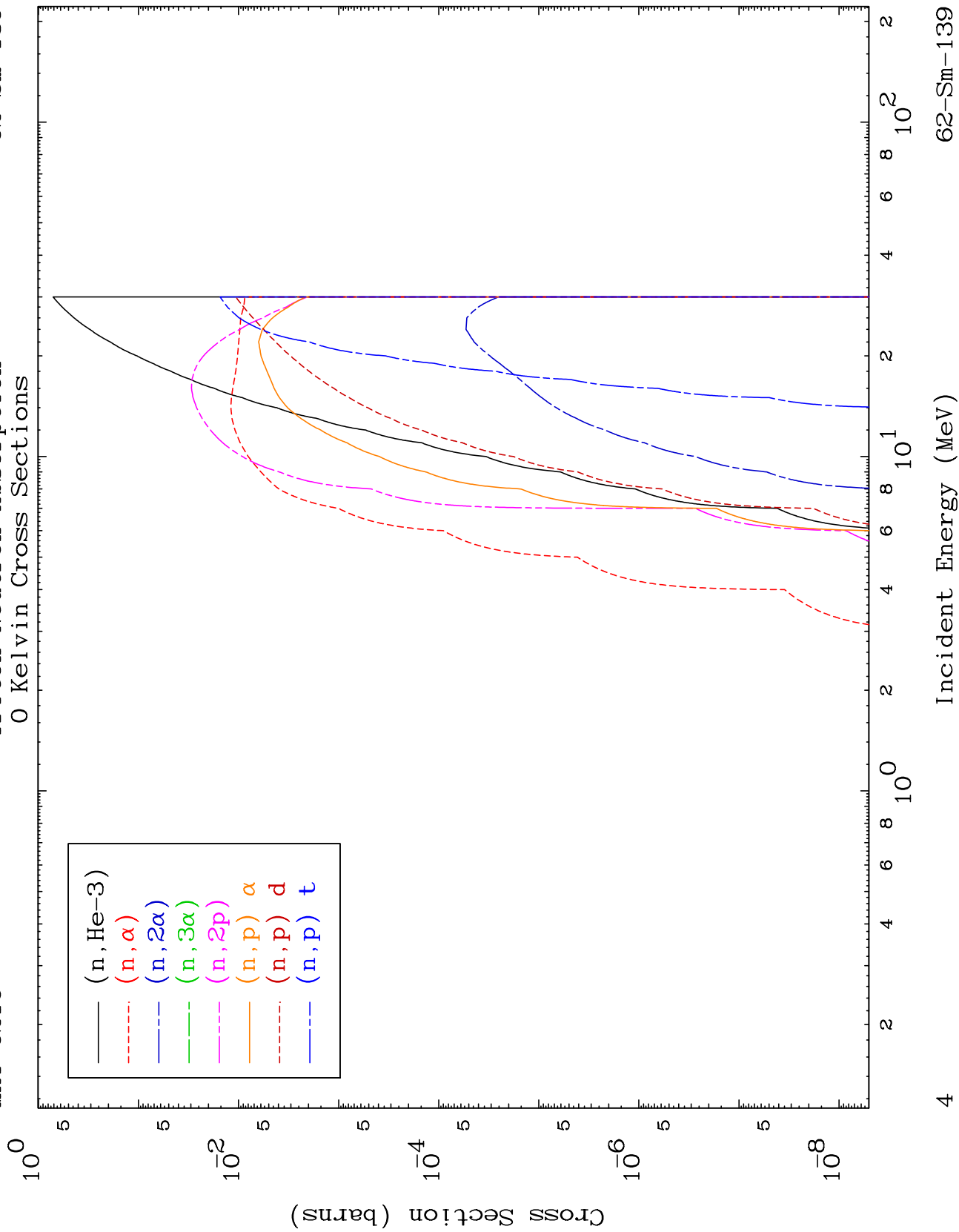
2



MAT 6210

Triton Neutron Absorption
0 Kelvin Cross Sections

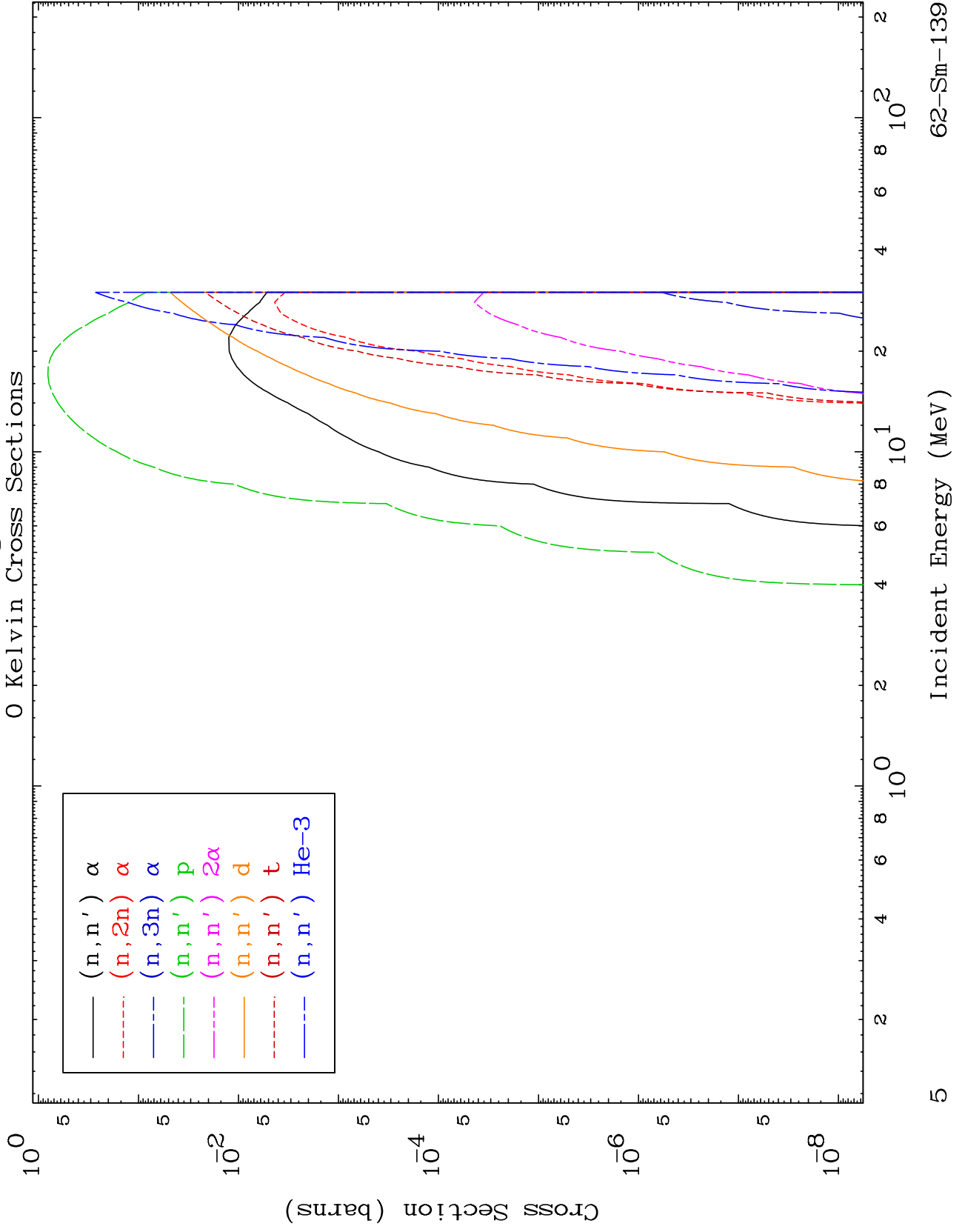
62-Sm-139



MAT 6210

Triton Charged Particle
0 Kelvin Cross Sections

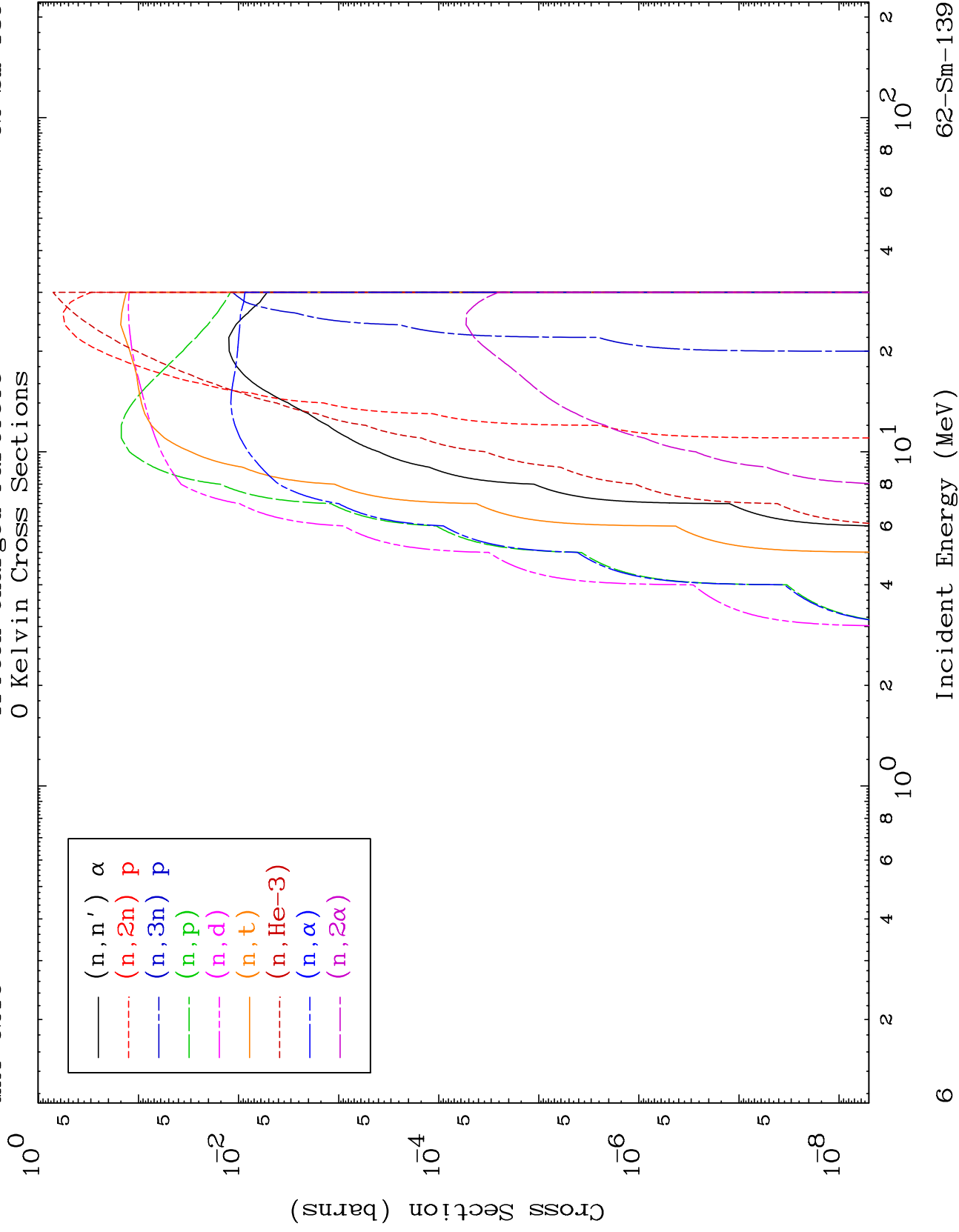
62-Sm-139

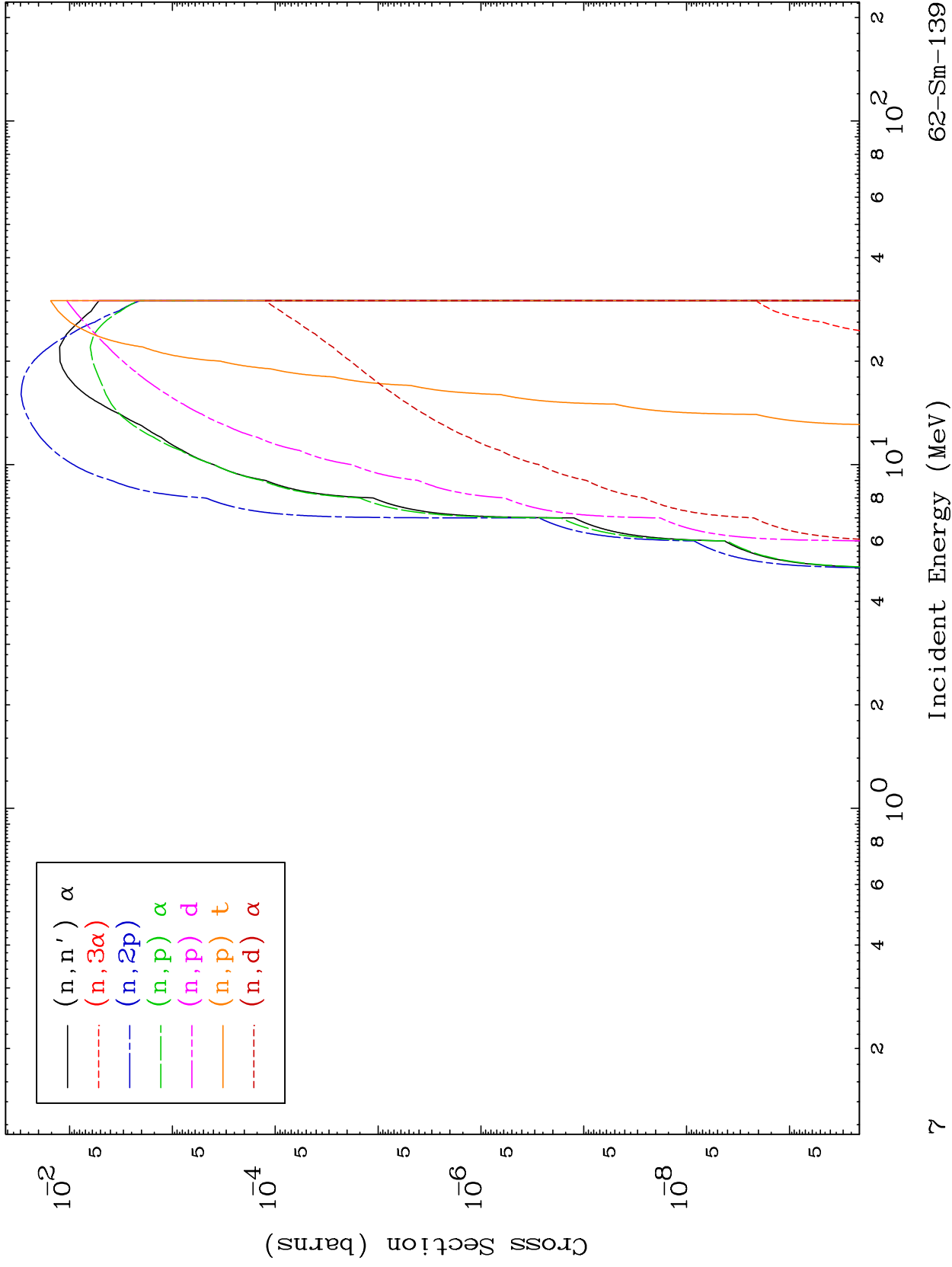


MAT 6210

Triton Charged Particle
0 Kelvin Cross Sections

62-Sm-139



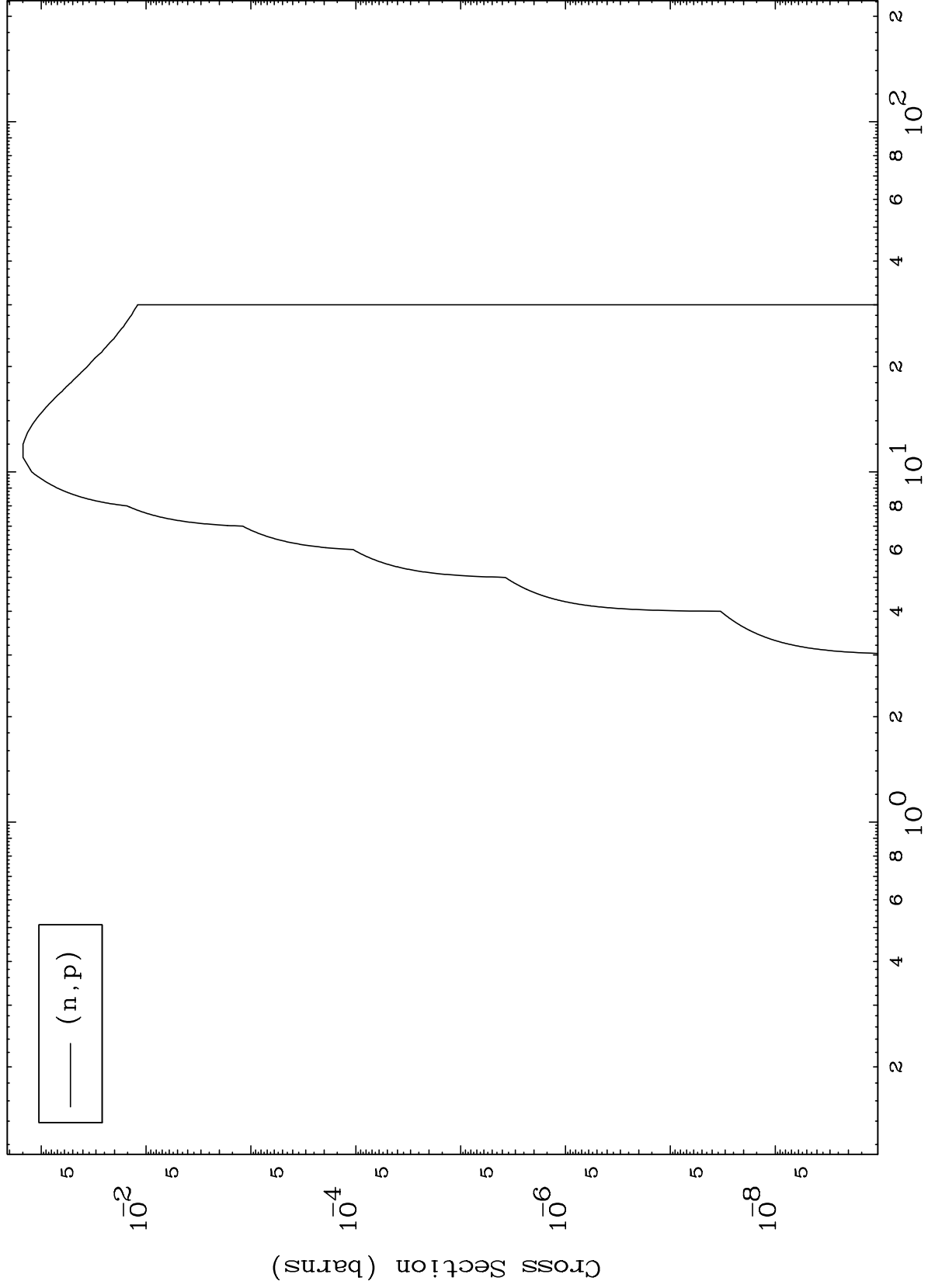


MAT 6210

(t,p) Levels

62-Sm-139

0 Kelvin Cross Sections

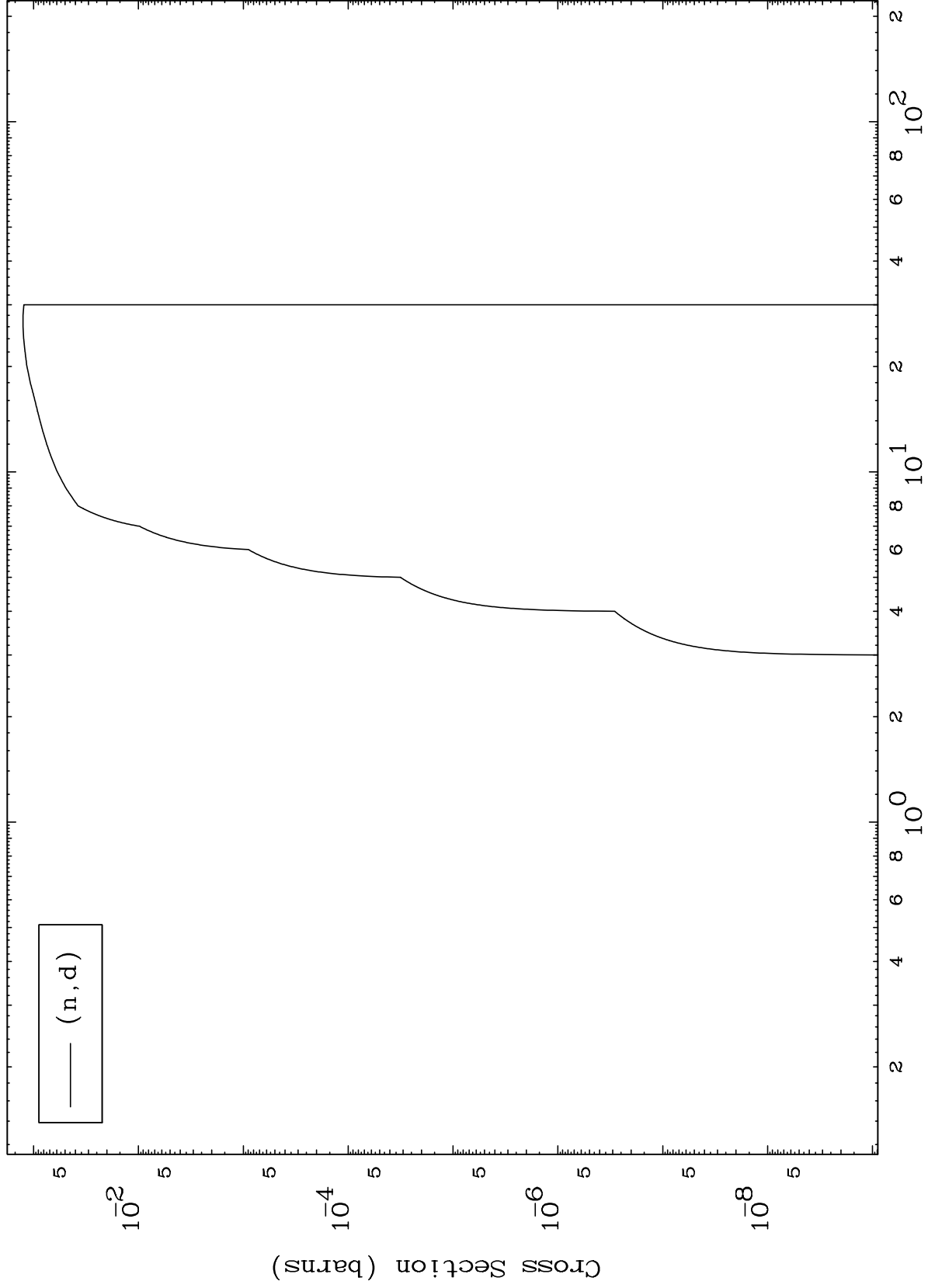


MAT 6210

(t, d) Levels

62-Sm-139

0 Kelvin Cross Sections

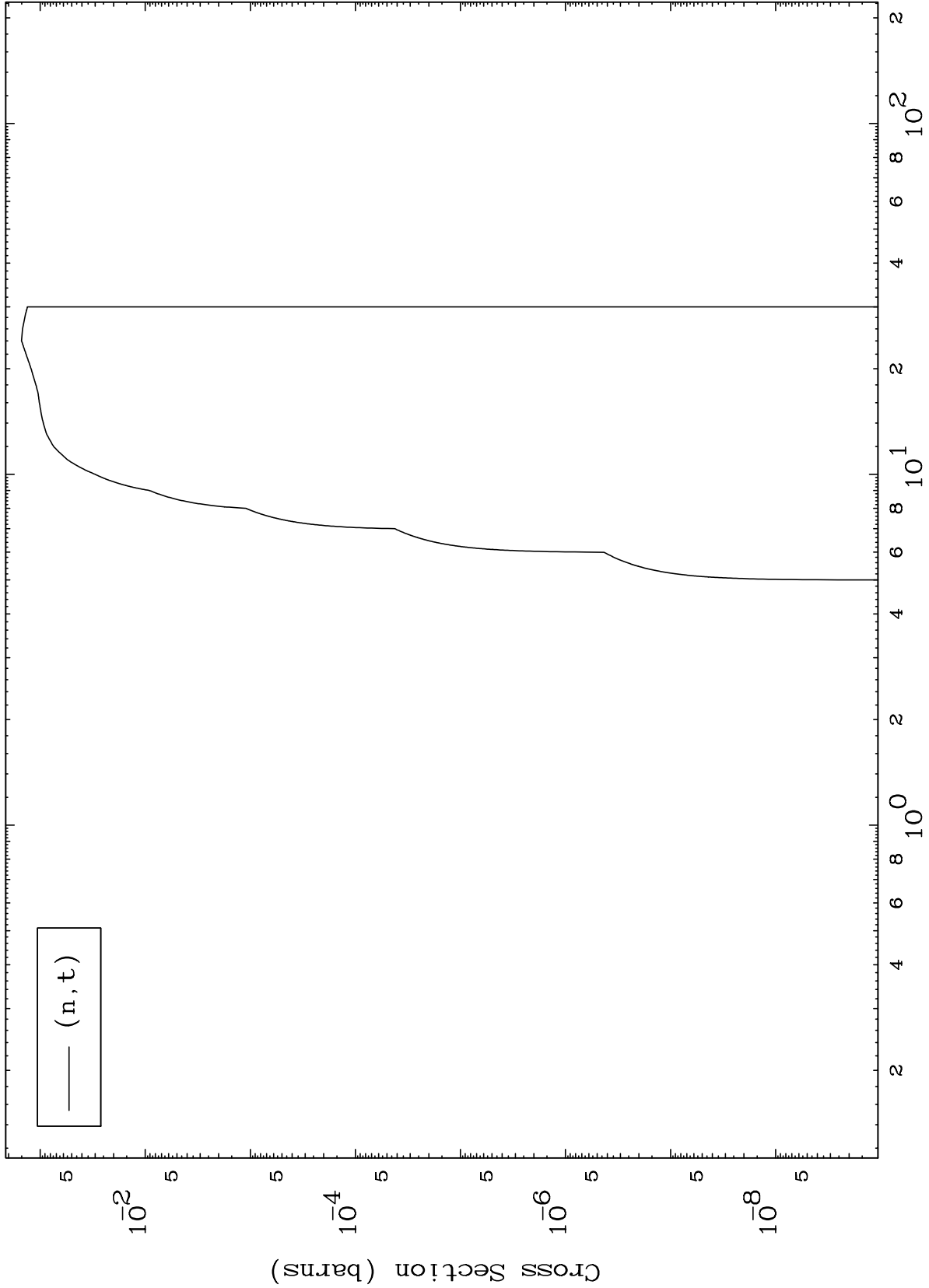


MAT 6210

(t, t) Levels

62-Sm-139

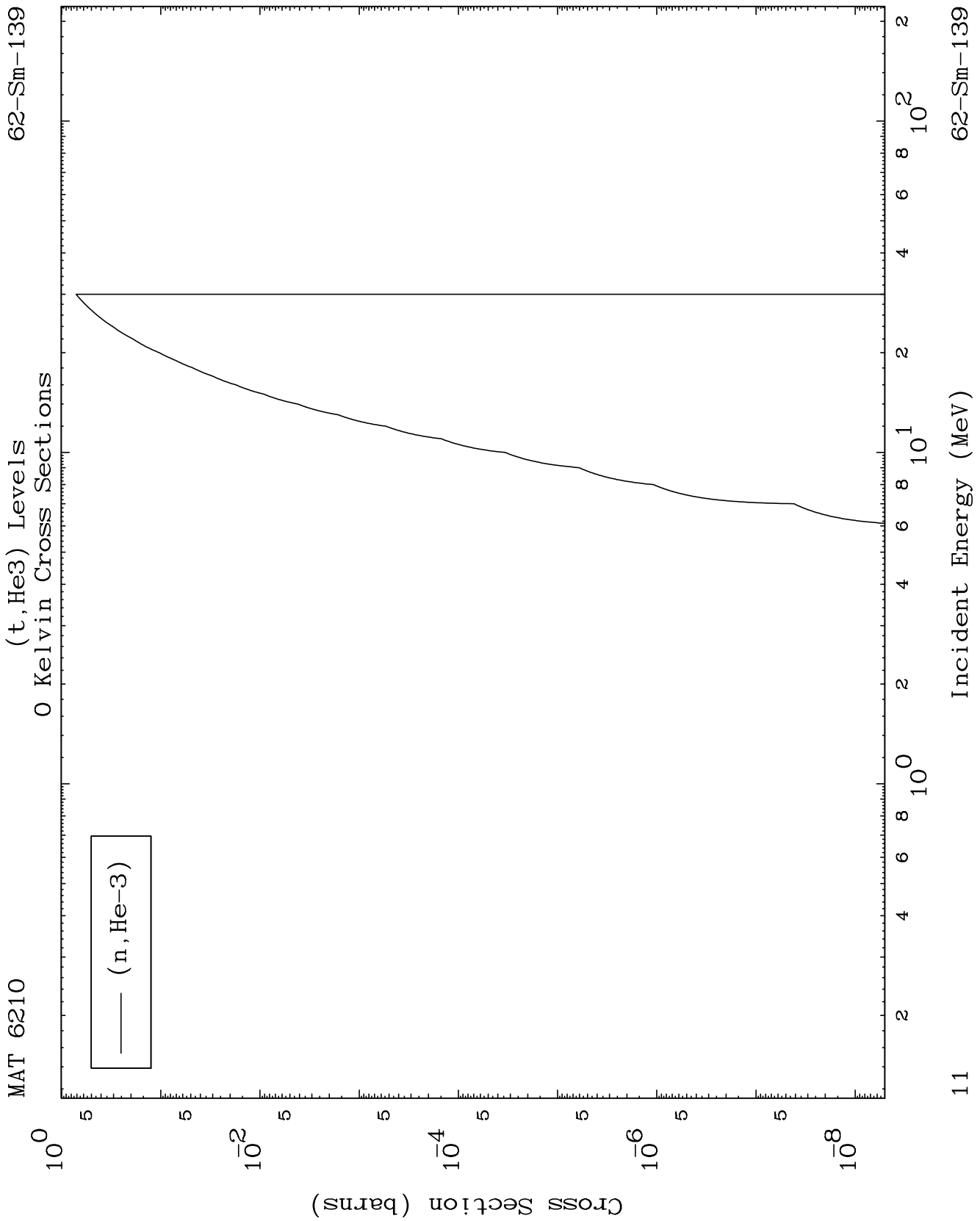
0 Kelvin Cross Sections



10

Incident Energy (MeV)

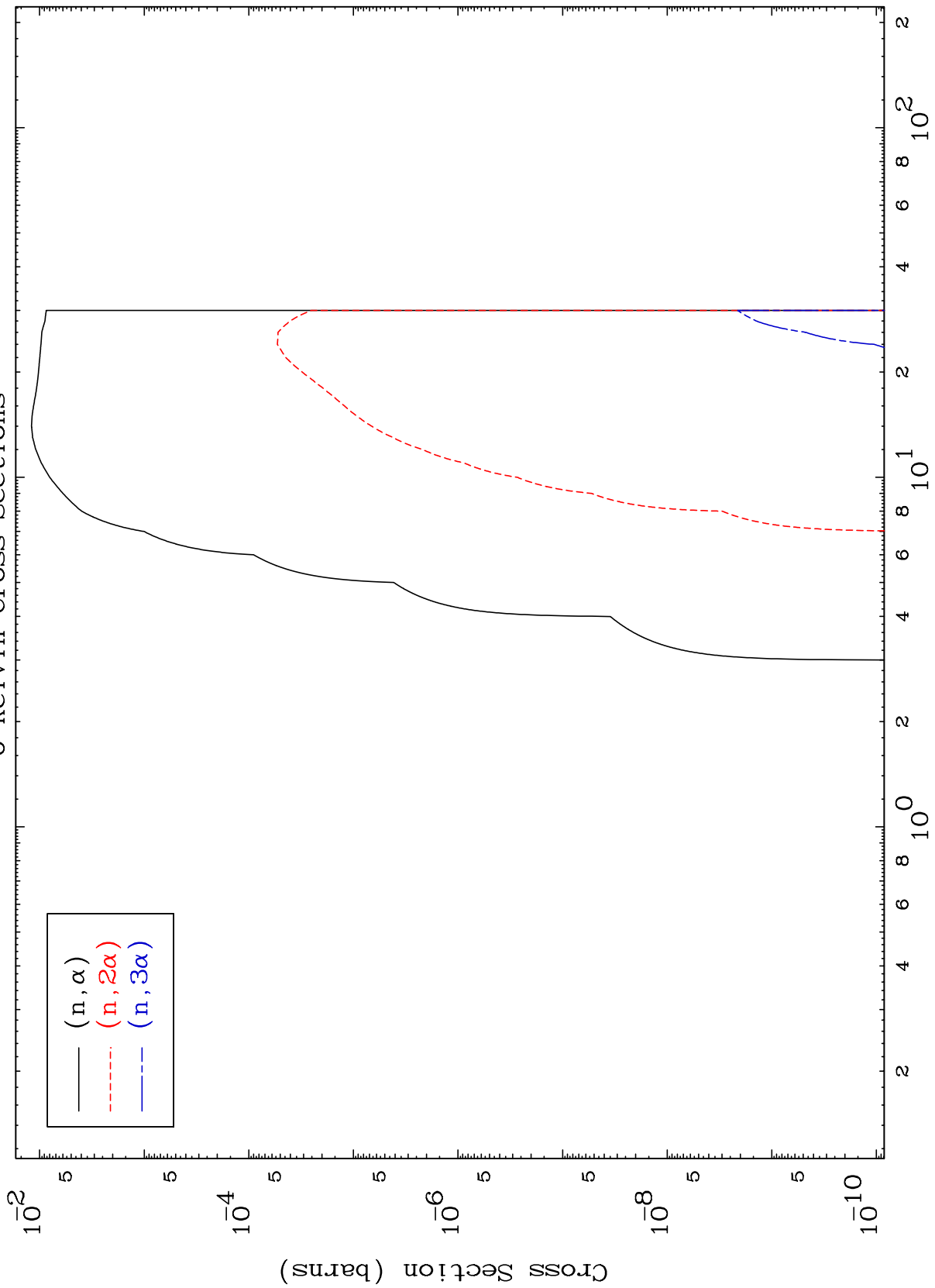
62-Sm-139



MAT 6210

62-Sm-139

(t, α) Levels
0 Kelvin Cross Sections



62-Sm-139

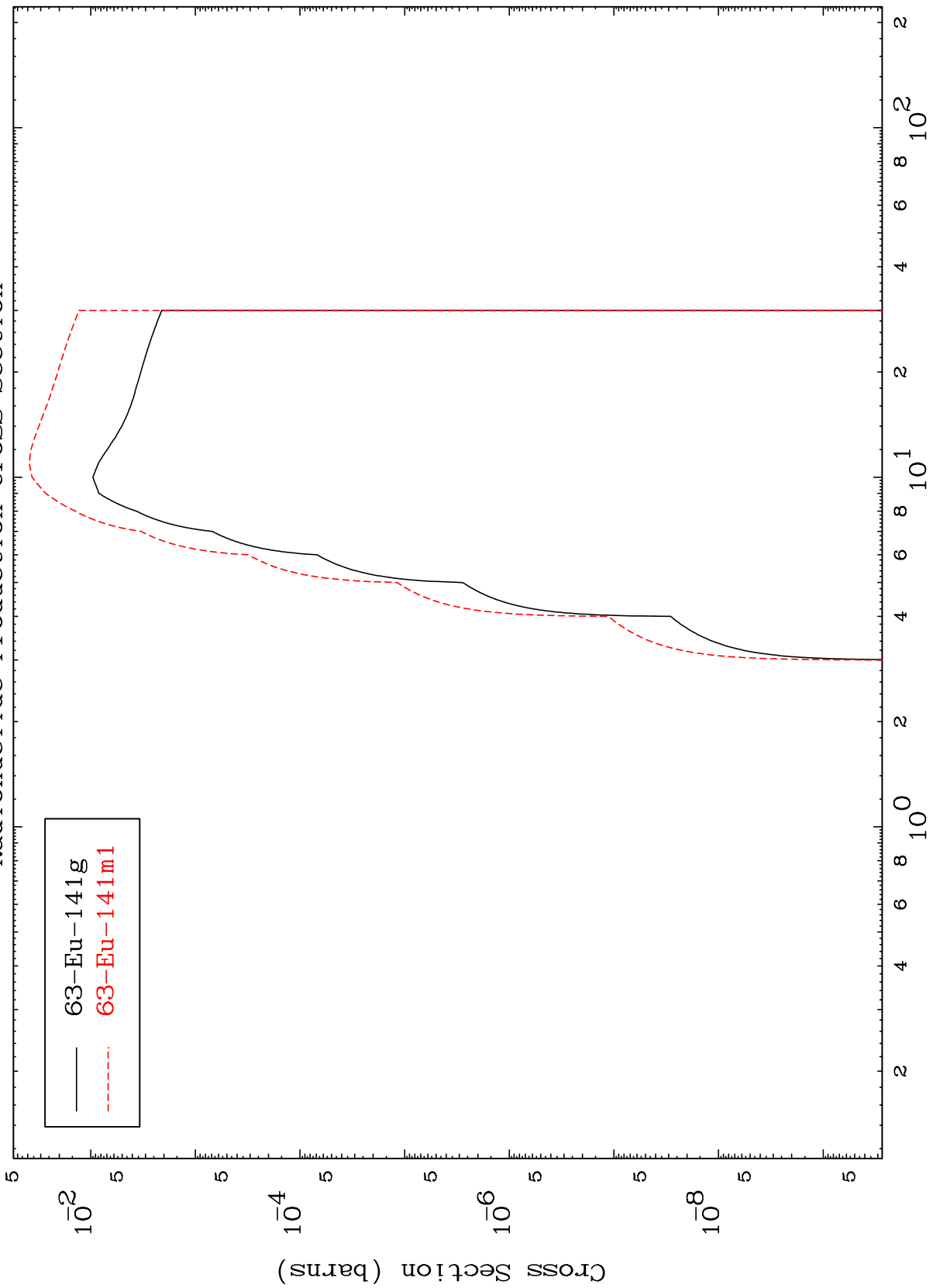
Incident Energy (MeV)

12

MAT 6210

62-Sm-139

Inelastic
Radionuclide Production Cross Section



62-Sm-139

Incident Energy (MeV)

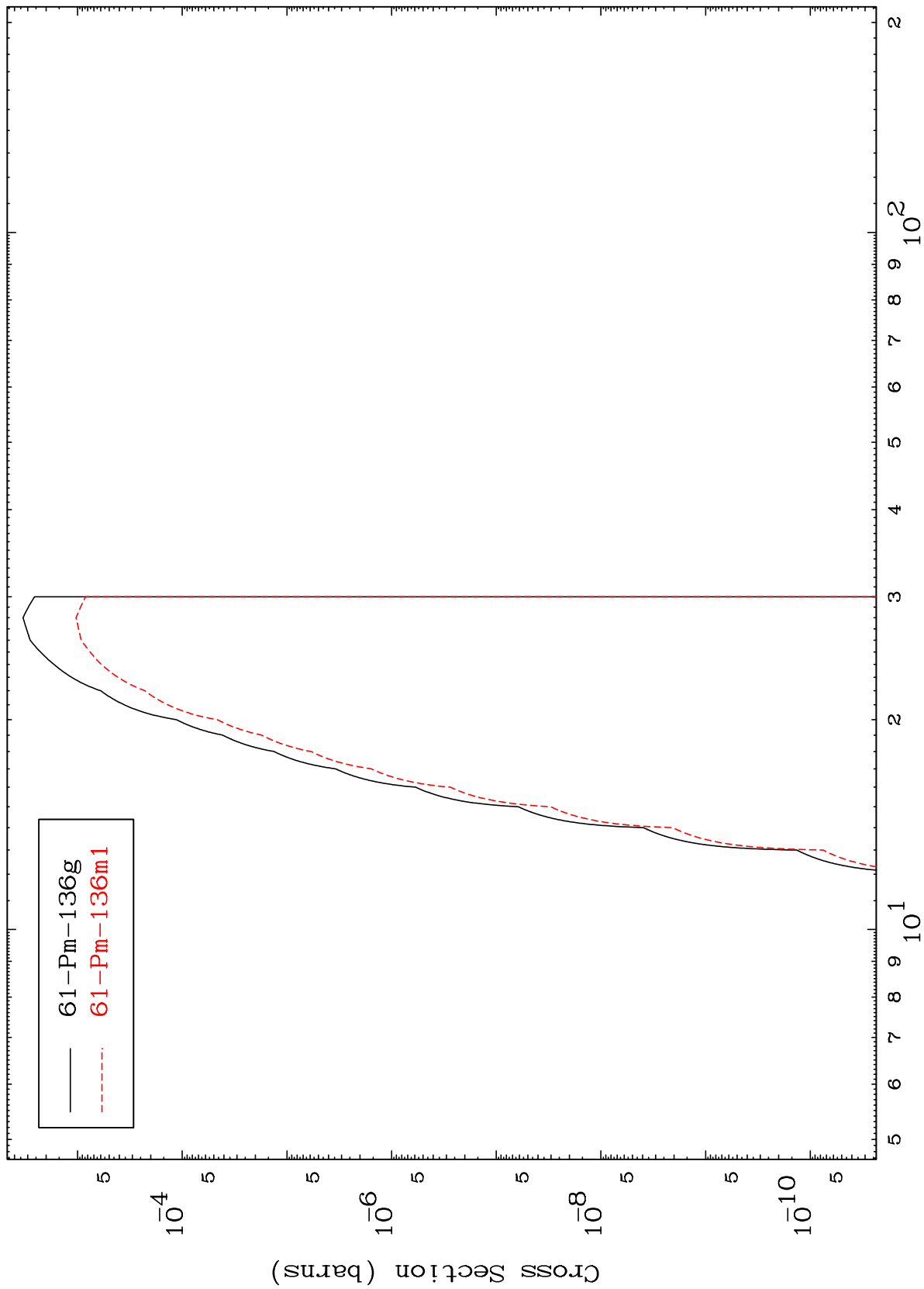
13

MAT 6210

$(n, 2n) \alpha$

62-Sm-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

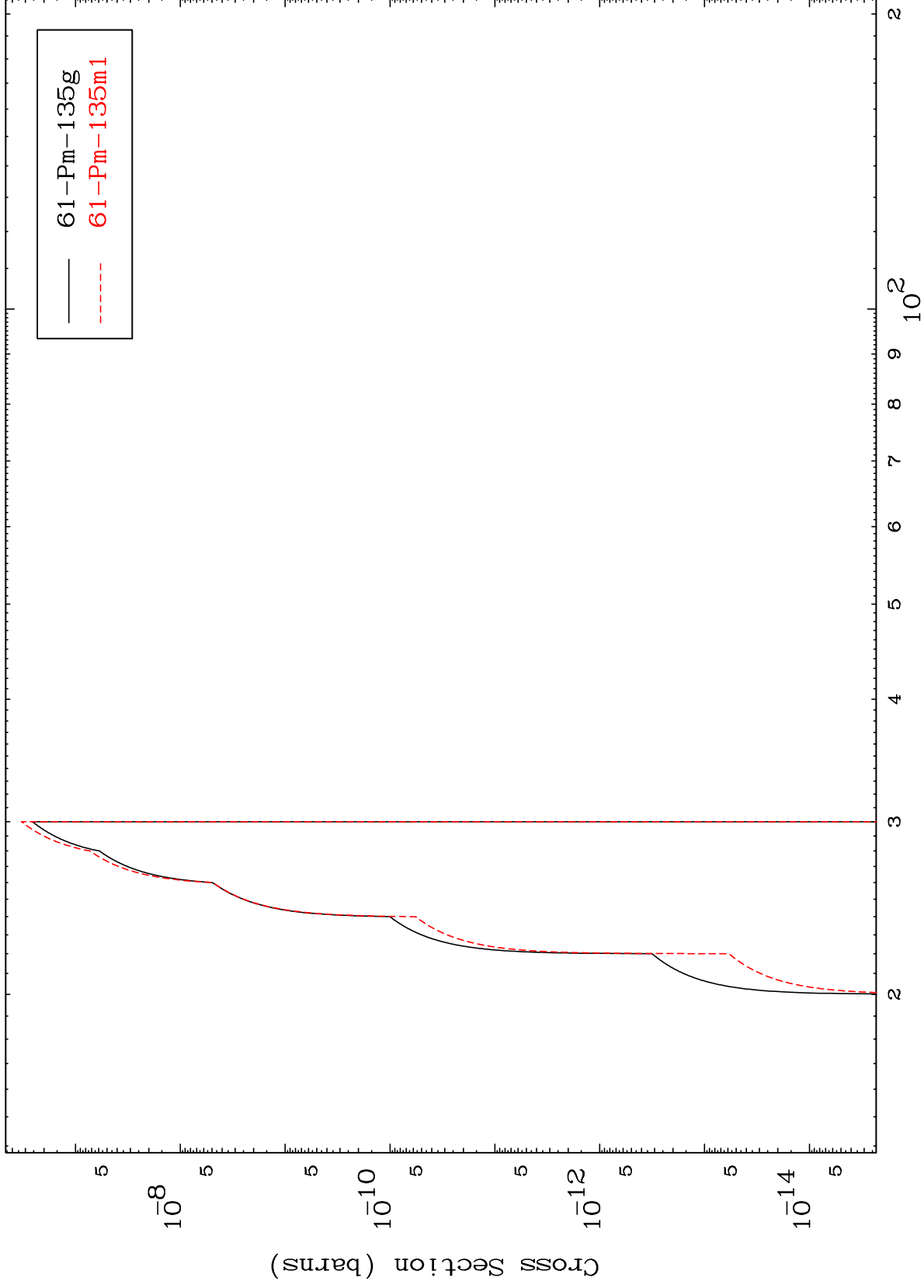
62-Sm-139

MAT 6210

$(n,3n) \alpha$

62-Sm-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

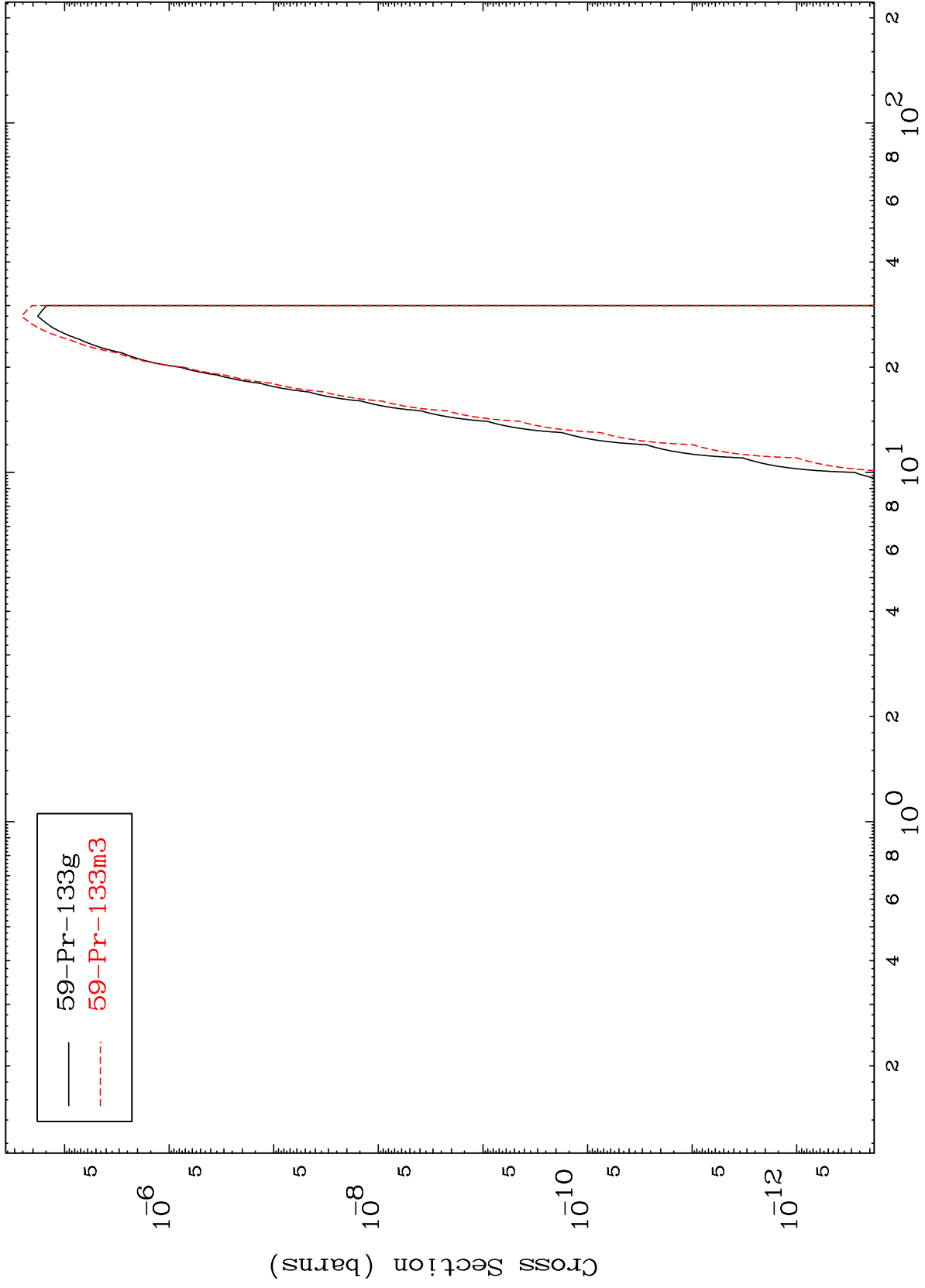
62-Sm-139

MAT 6210

(n,n') 2α

62-Sm-139

Radionuclide Production Cross Section

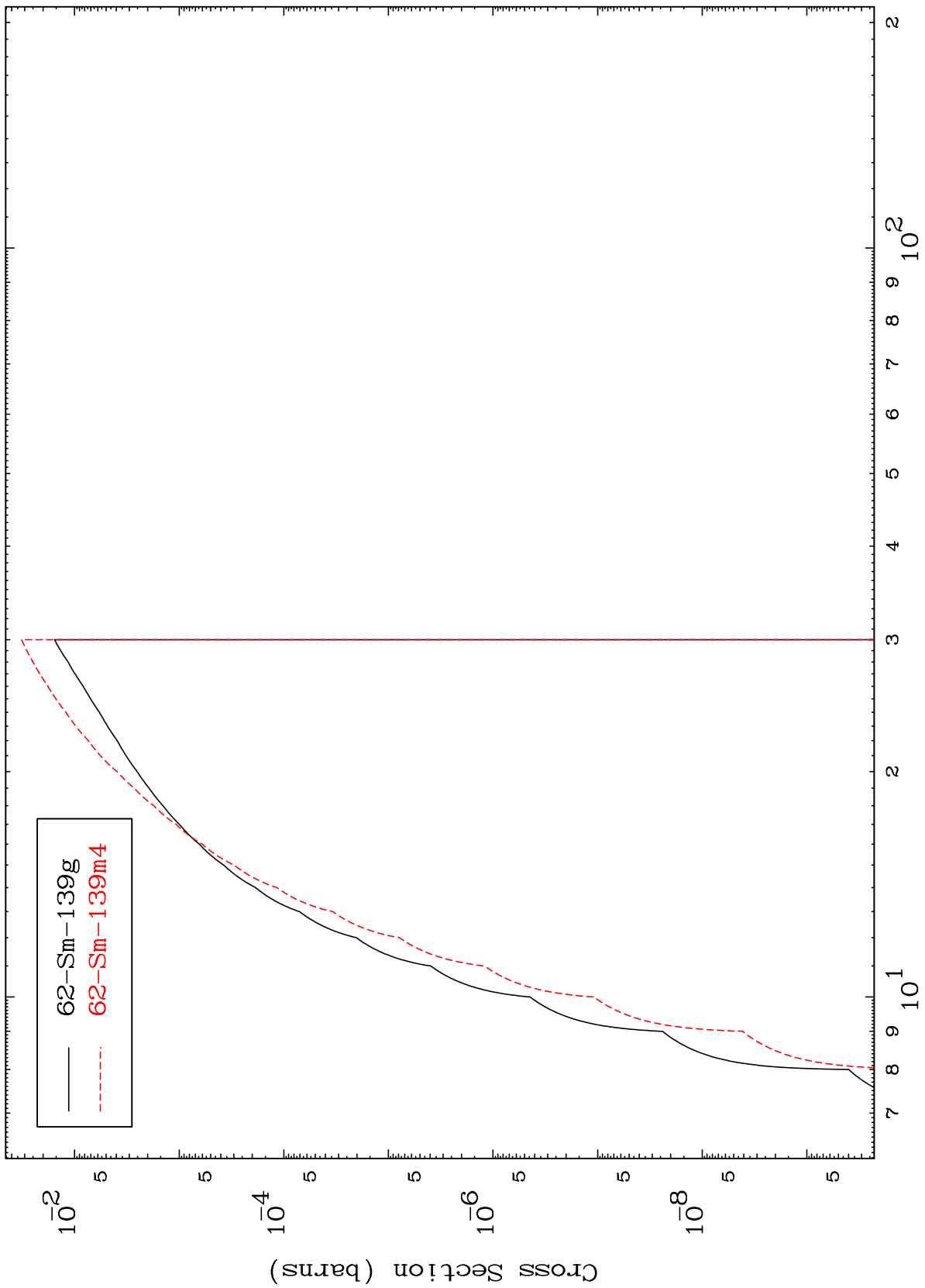


59-Pr-133g
59-Pr-133m3

MAT 6210

62-Sm-139

(n,n') d
Radionuclide Production Cross Section



17

Incident Energy (MeV)

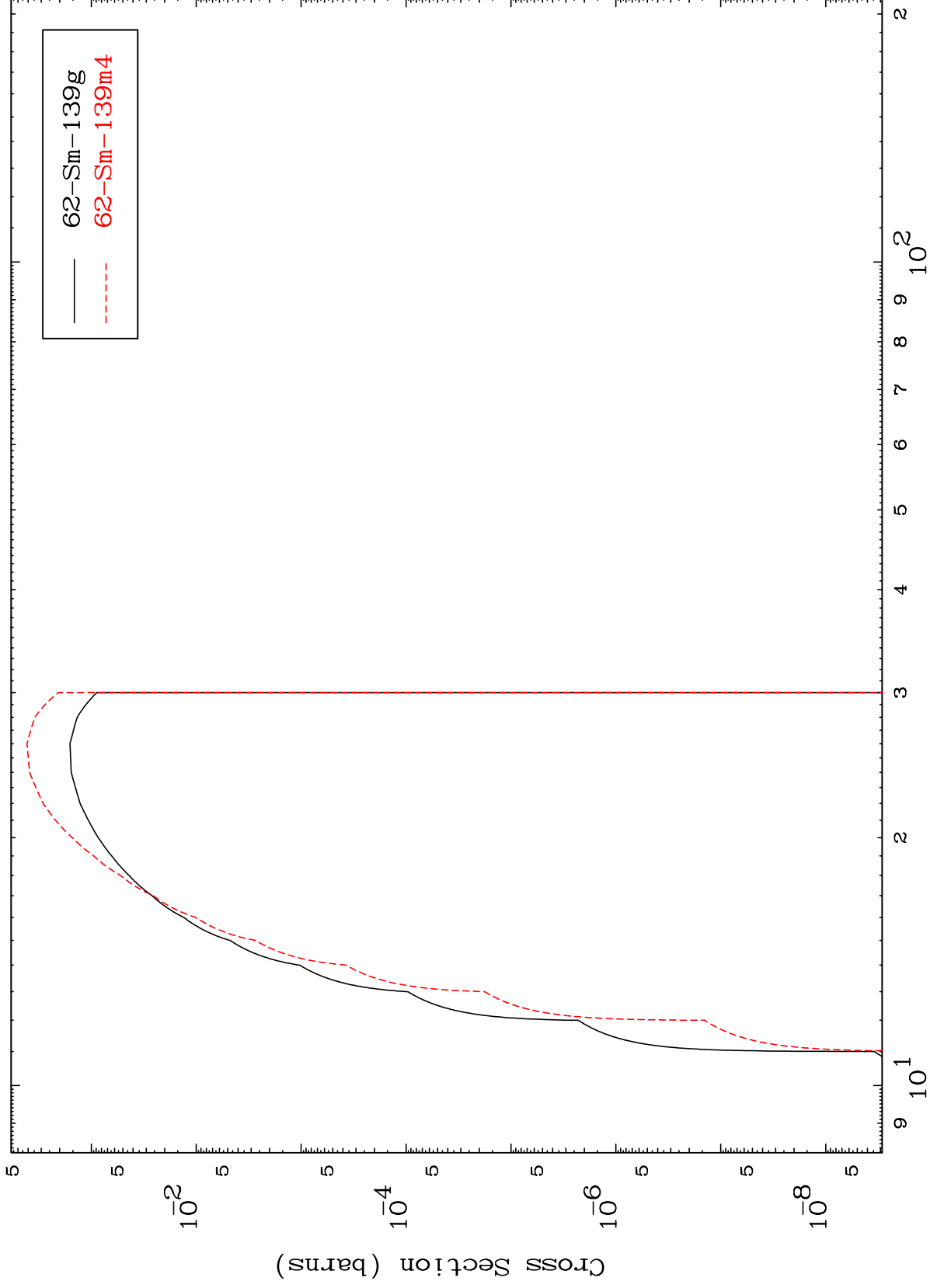
62-Sm-139

MAT 6210

(n,2n) p

62-Sm-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

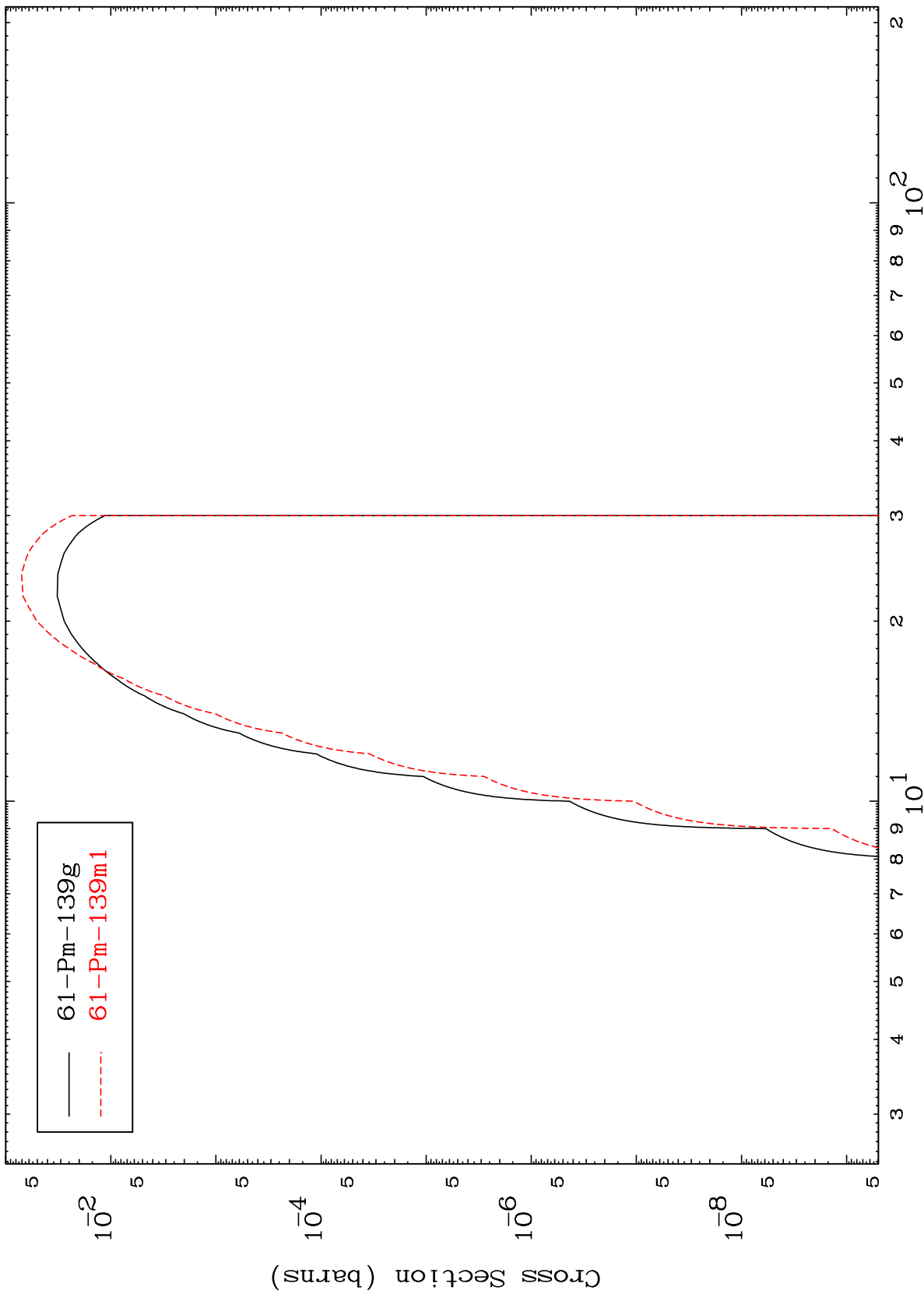
62-Sm-139

MAT 6210

62-Sm-139

(n,2n) p

Radionuclide Production Cross Section



19

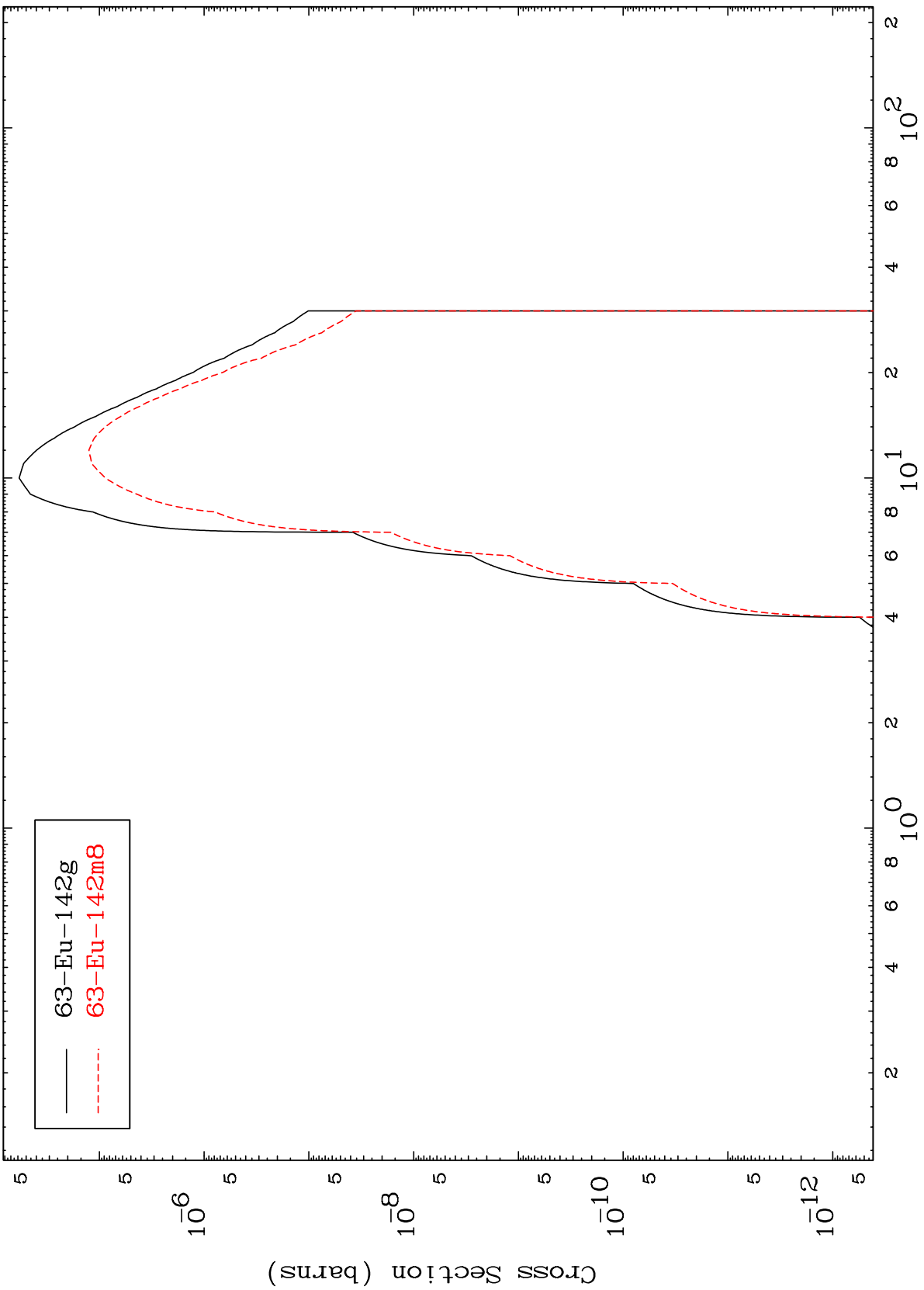
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(n, γ)
Radionuclide Production Cross Section



— 63-Eu-142g
- - - 63-Eu-142m8

20

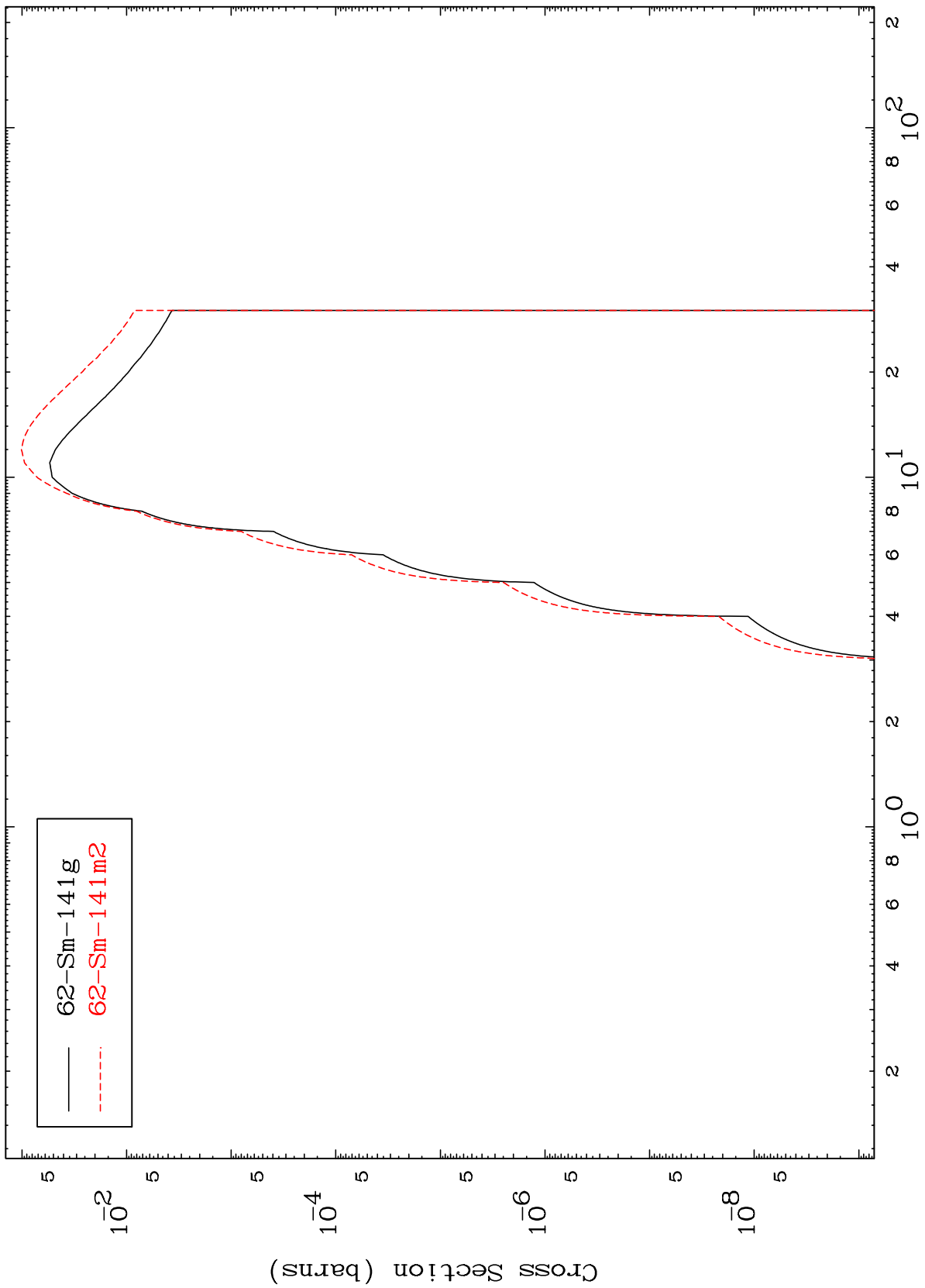
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

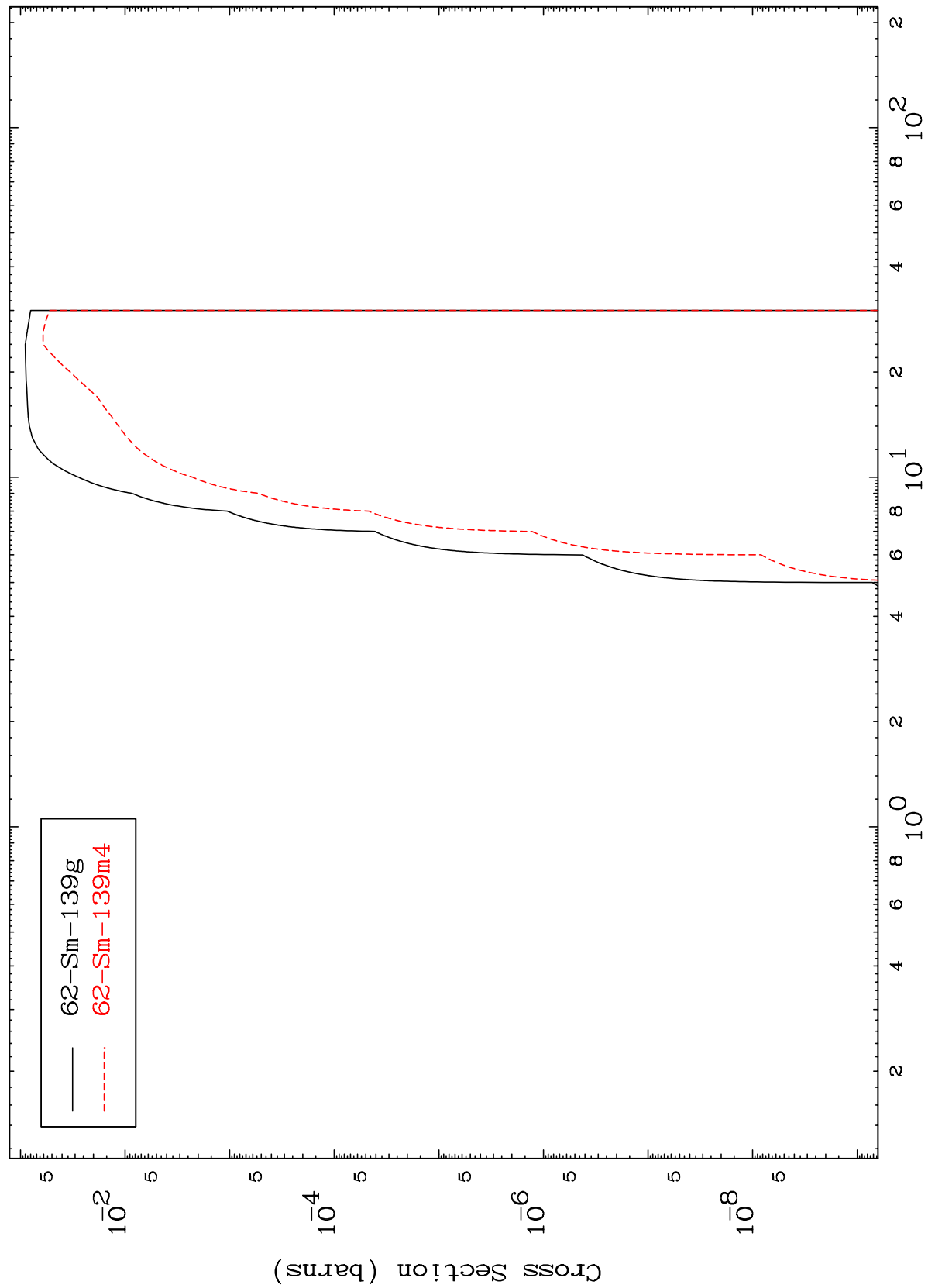
(n,p)
Radionuclide Production Cross Section



MAT 6210

62-Sm-139

(n, t)
Radionuclide Production Cross Section



62-Sm-139

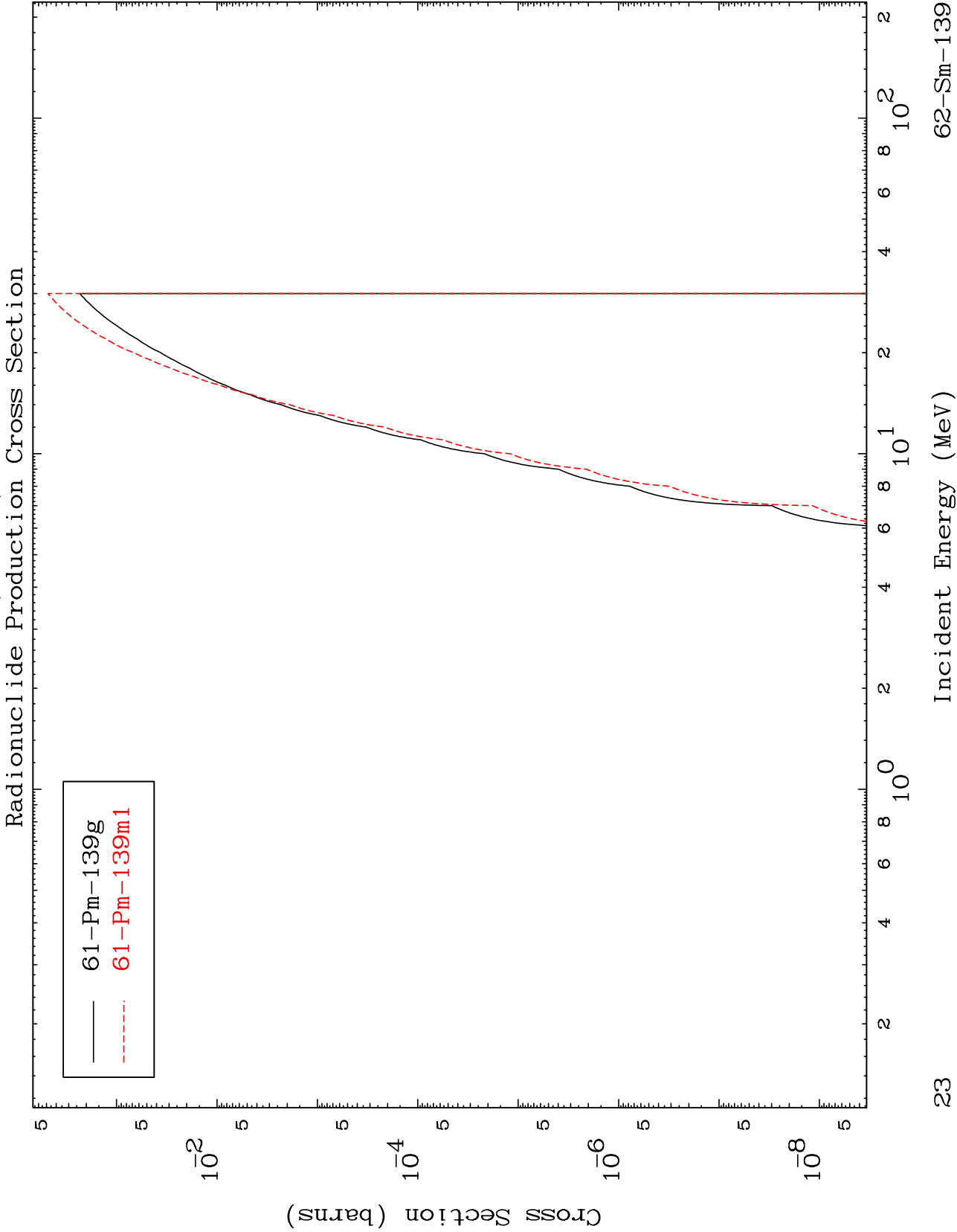
Incident Energy (MeV)

22

MAT 6210

(n,He-3)

62-Sm-139

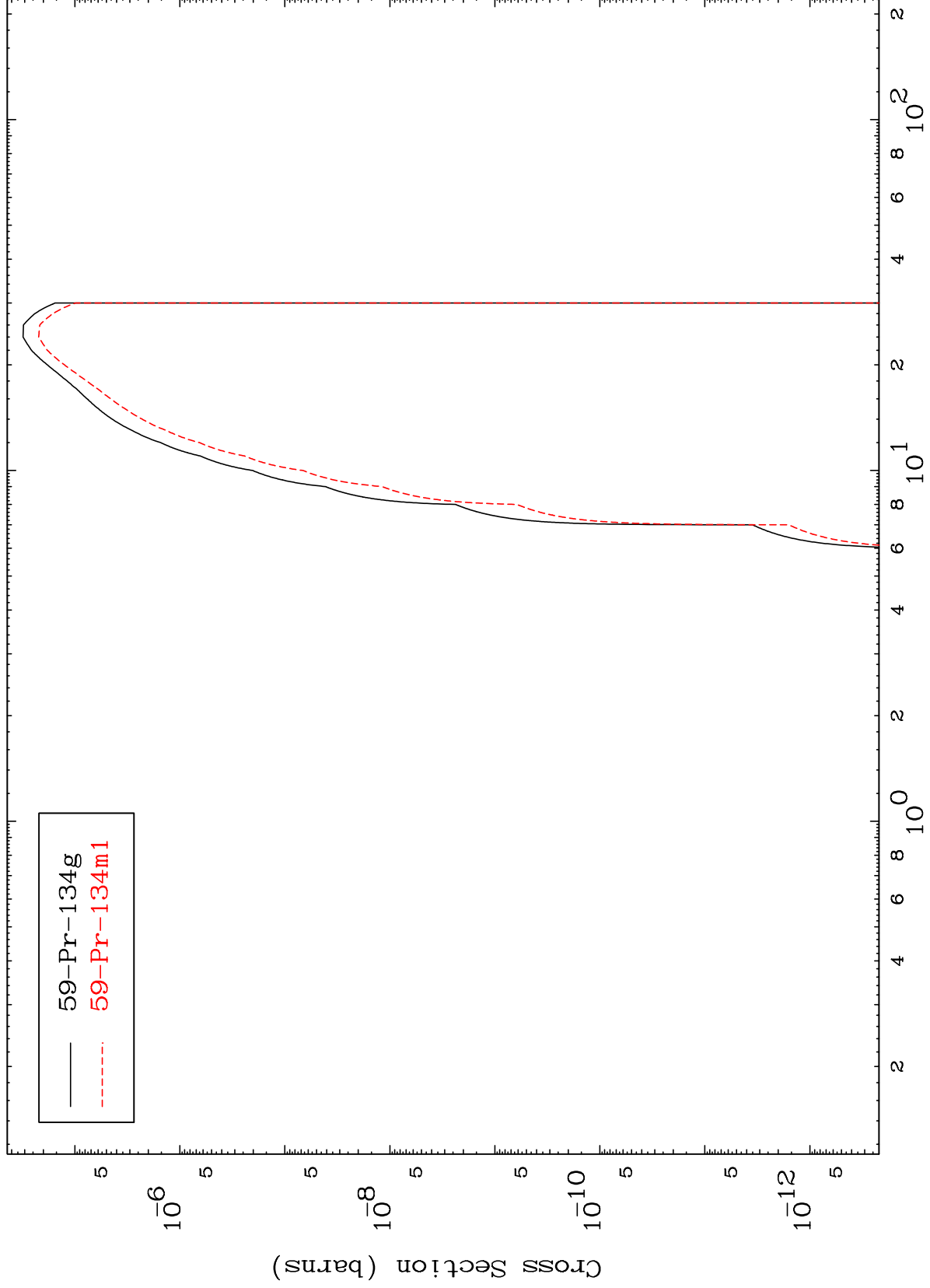


MAT 6210

(n,2α)

62-Sm-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

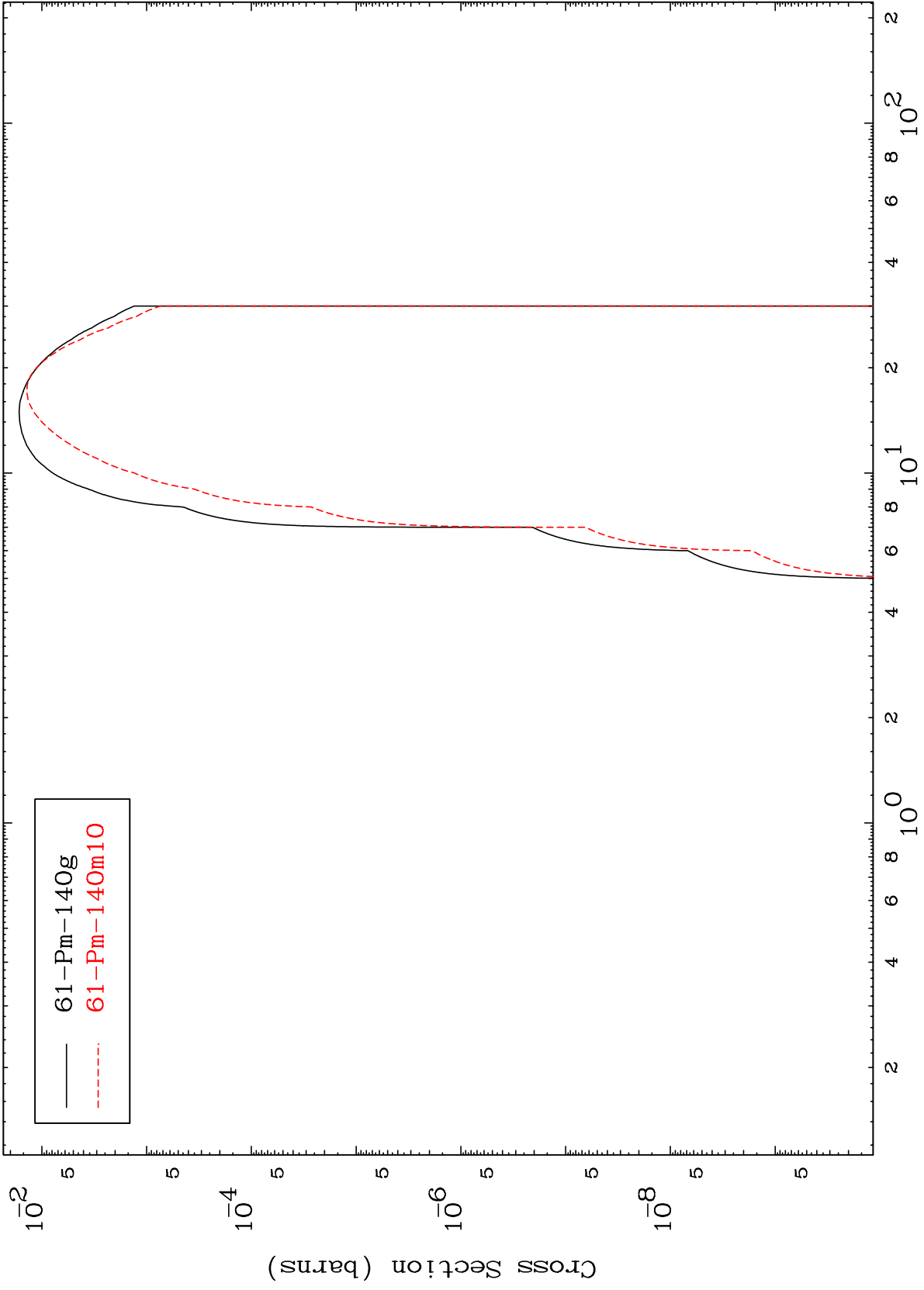
62-Sm-139

MAT 6210

(n,2p)

62-Sm-139

Radionuclide Production Cross Section

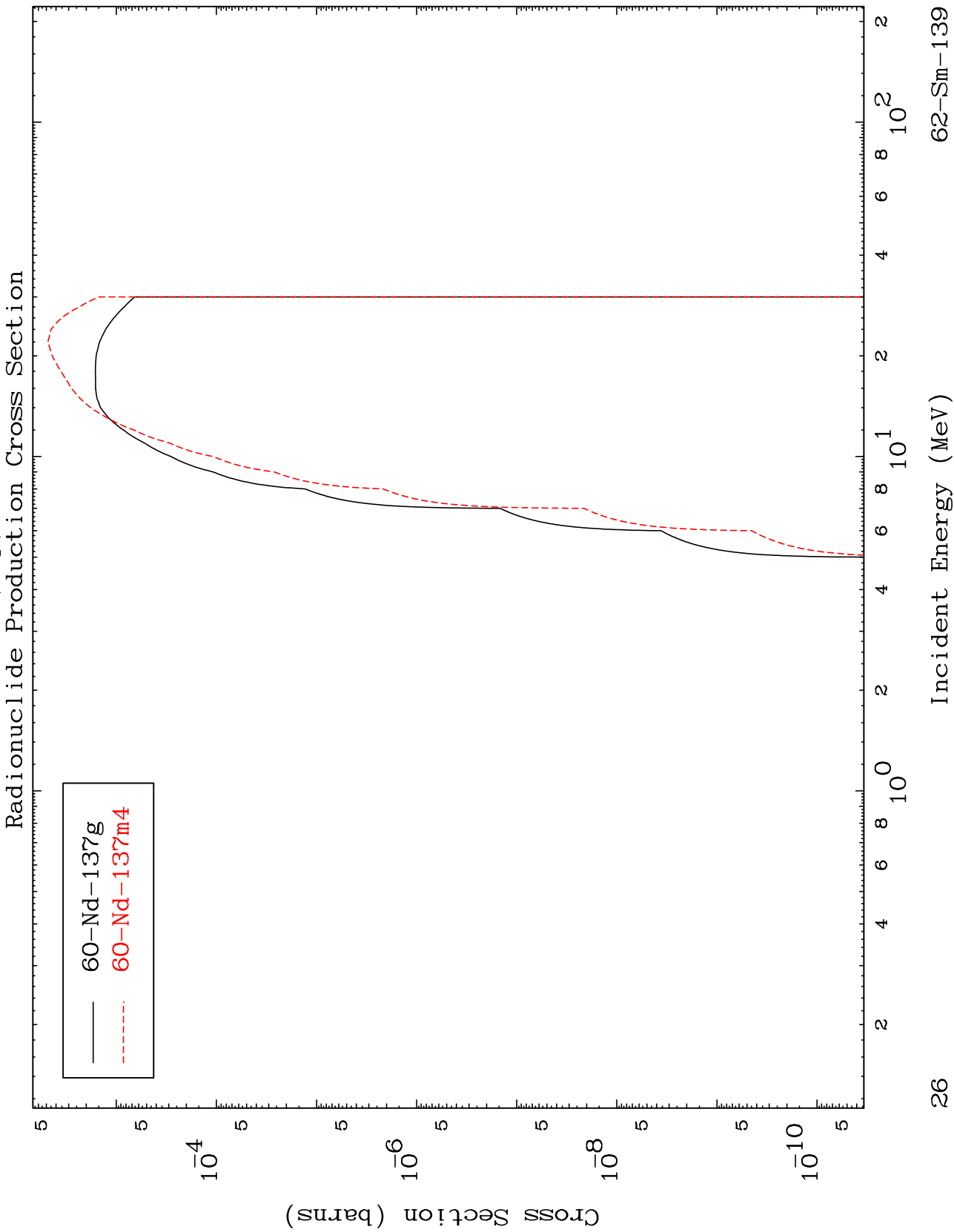


61-Pm-140g
61-Pm-140m10

MAT 6210

(n,p) α

62-Sm-139



MAT 6210

(n,p) d

62-Sm-139

Radionuclide Production Cross Section

