

Program EVALPLOT
(Version 2021-1)

by

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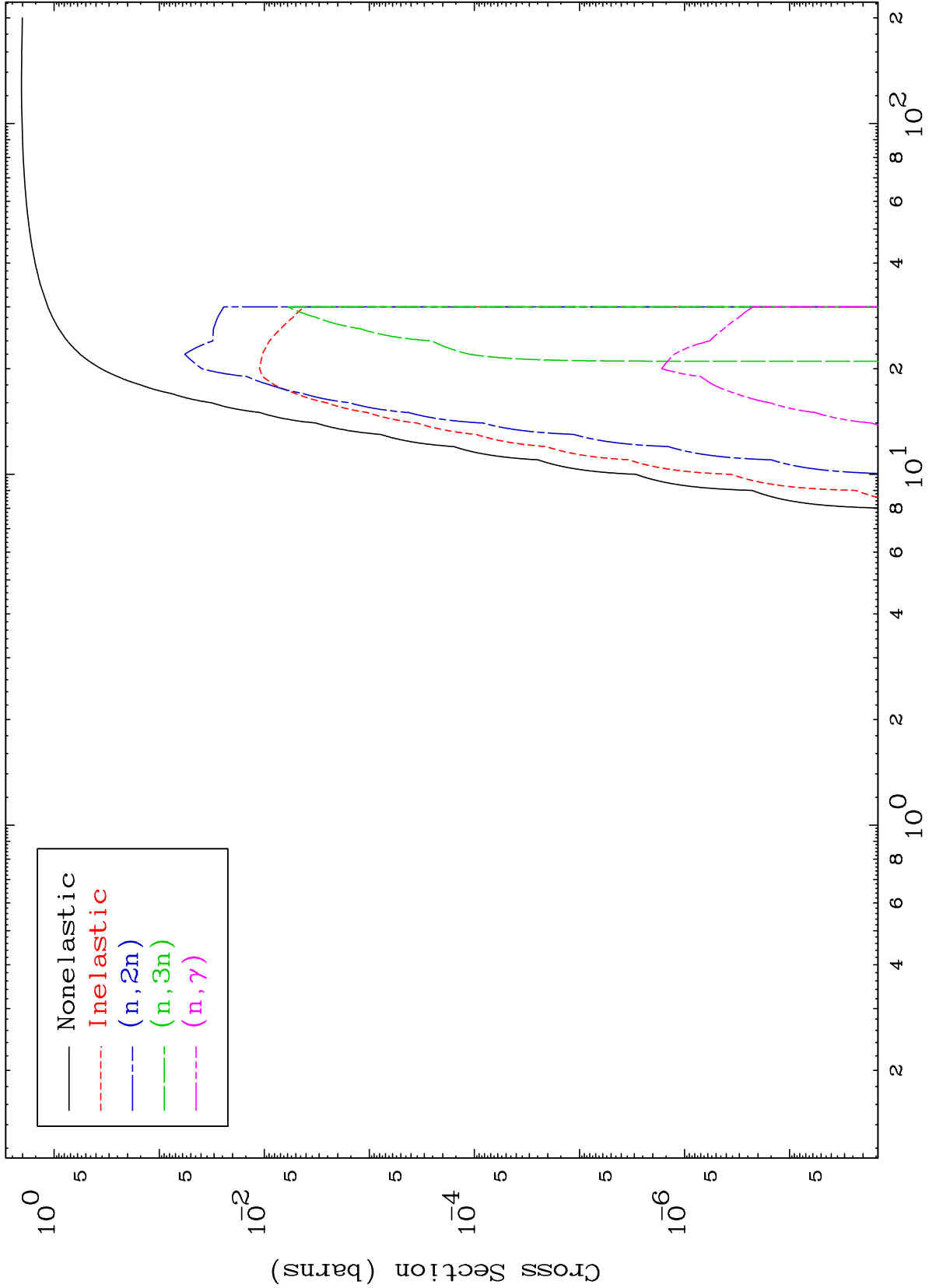
Press Mouse Button to Start

MAT 6222

He-3 Major

62-Sm-143

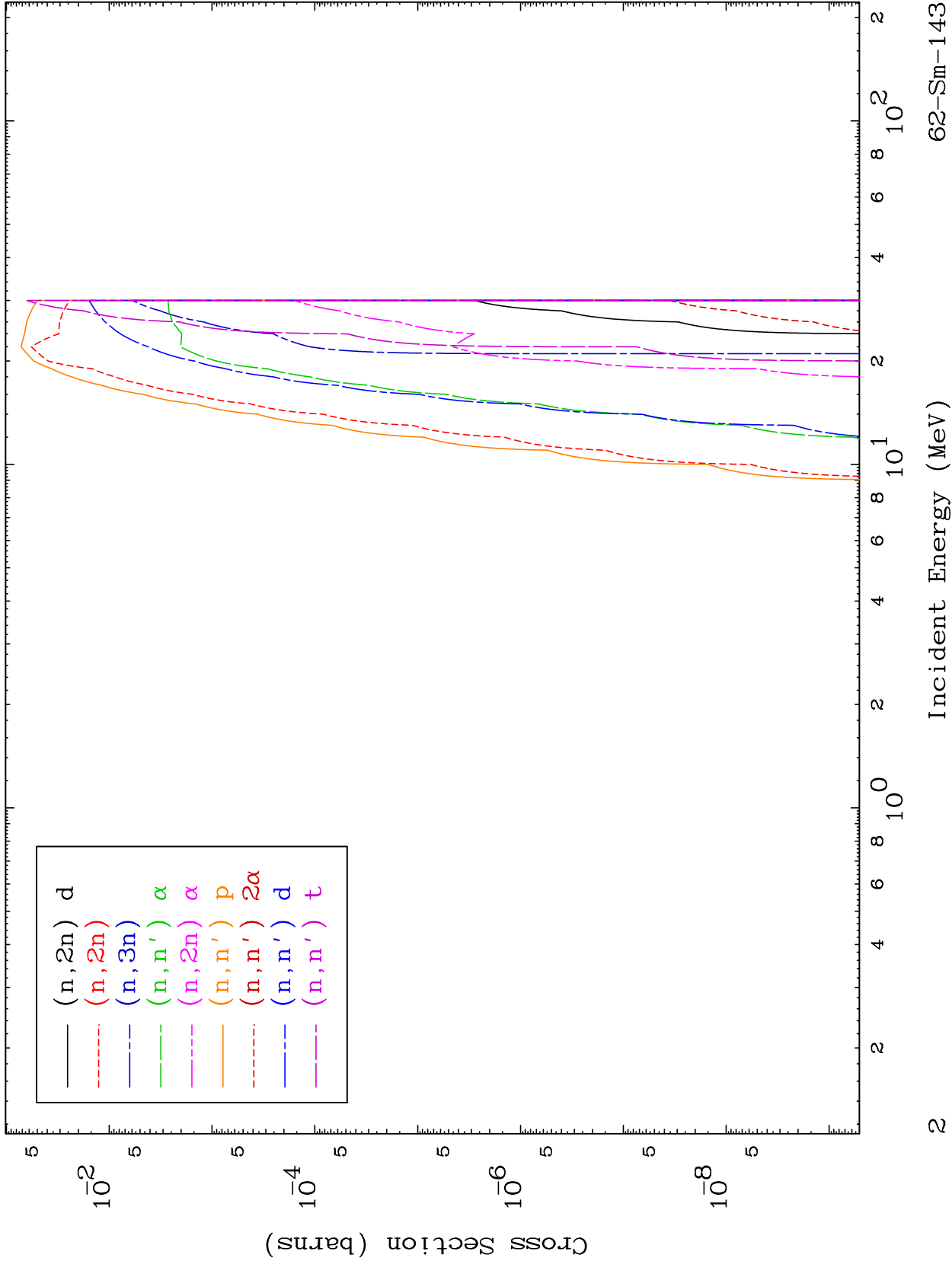
0 Kelvin Cross Sections



MAT 6222

He-3 Neutron Absorption
0 Kelvin Cross Sections

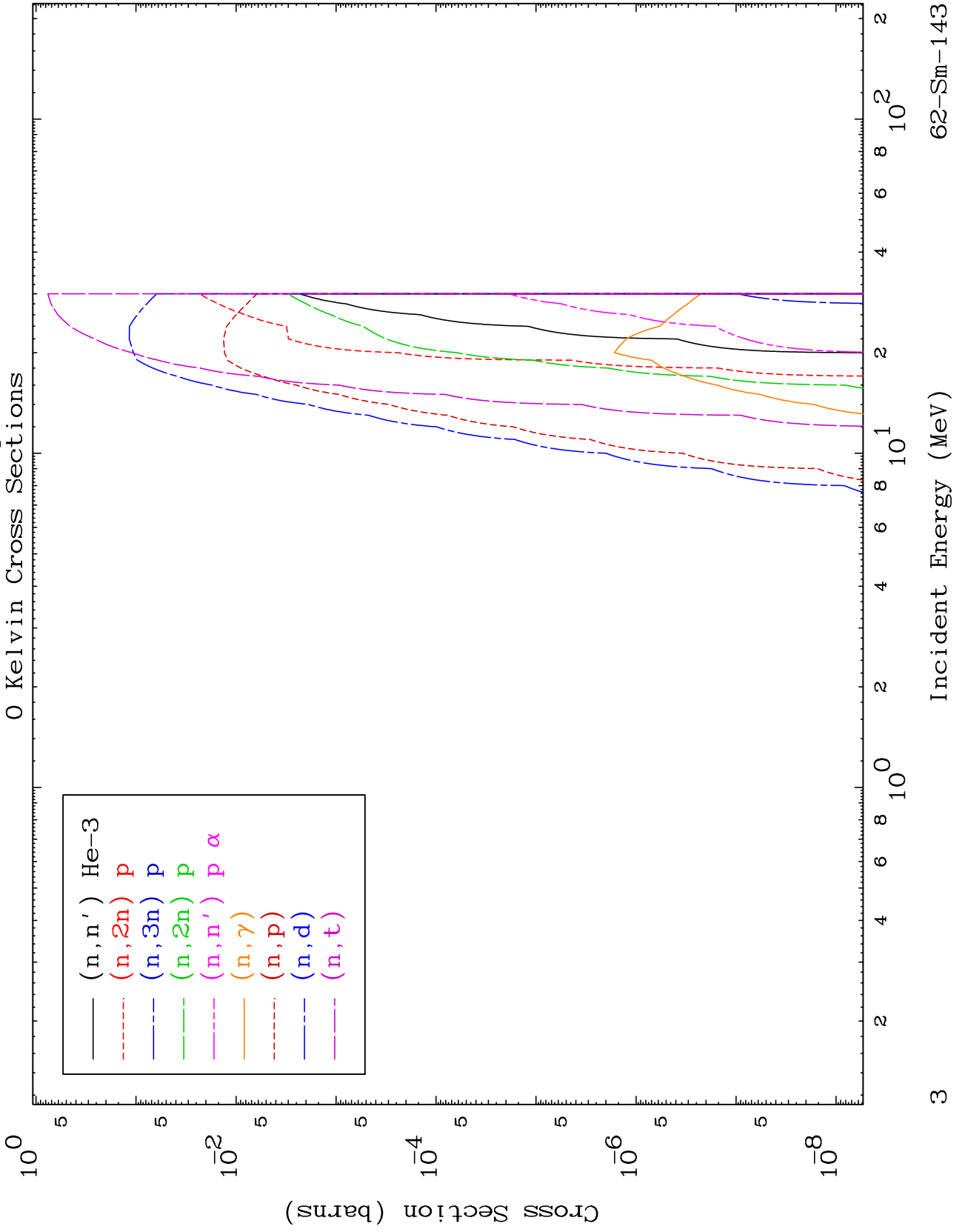
62-Sm-143

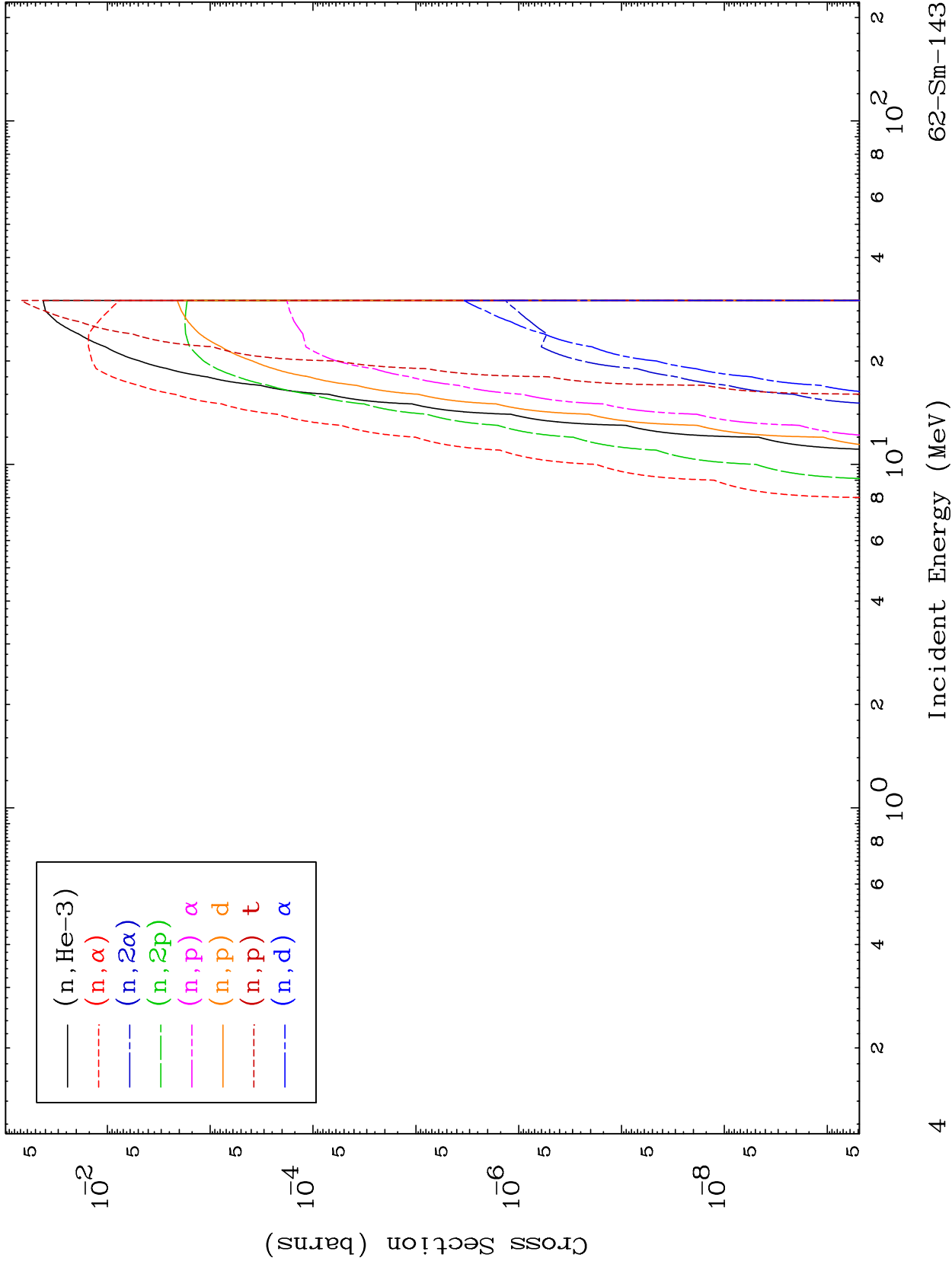


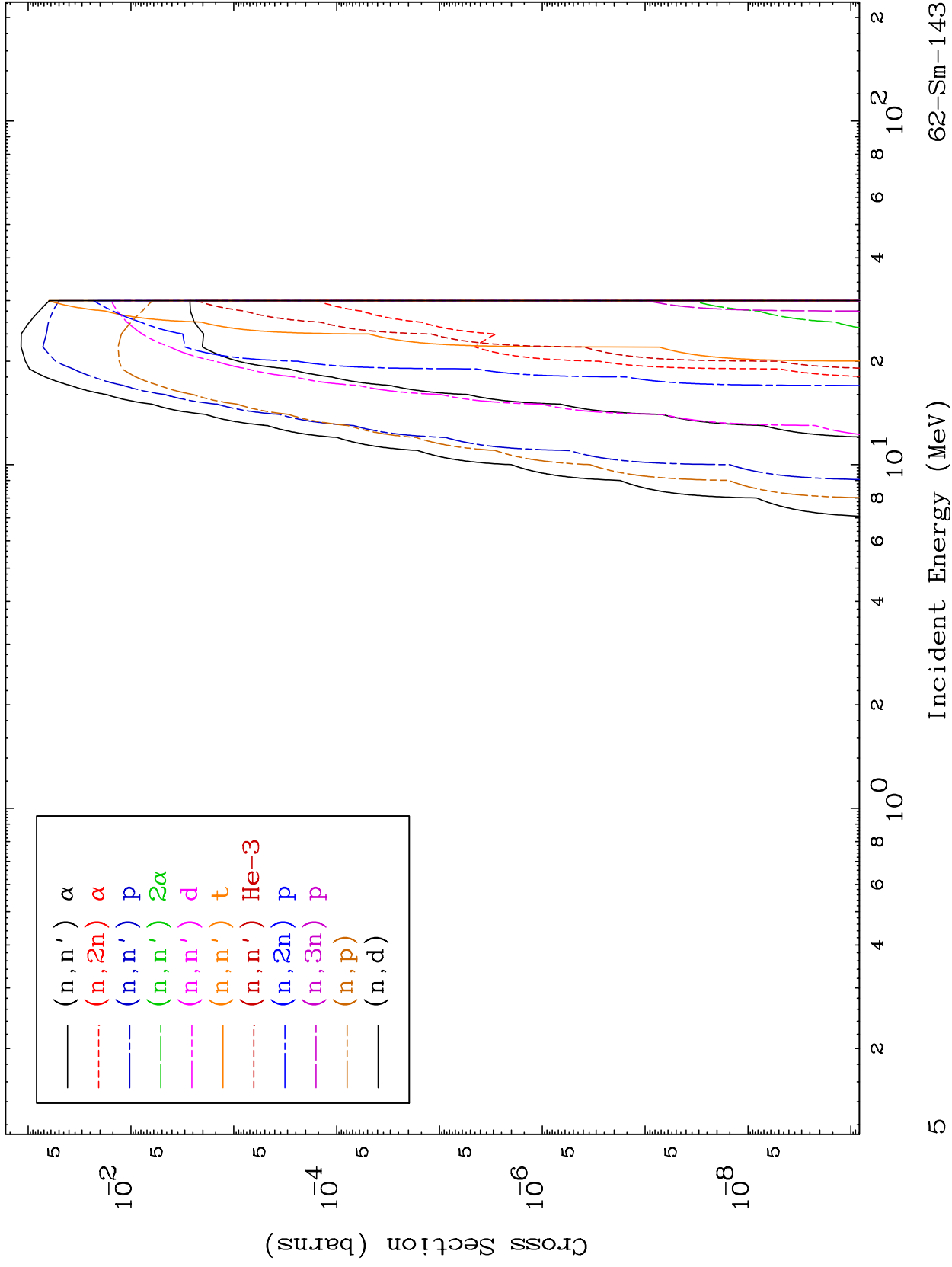
MAT 6222

He-3 Neutron Absorption
0 Kelvin Cross Sections

62-Sm-143



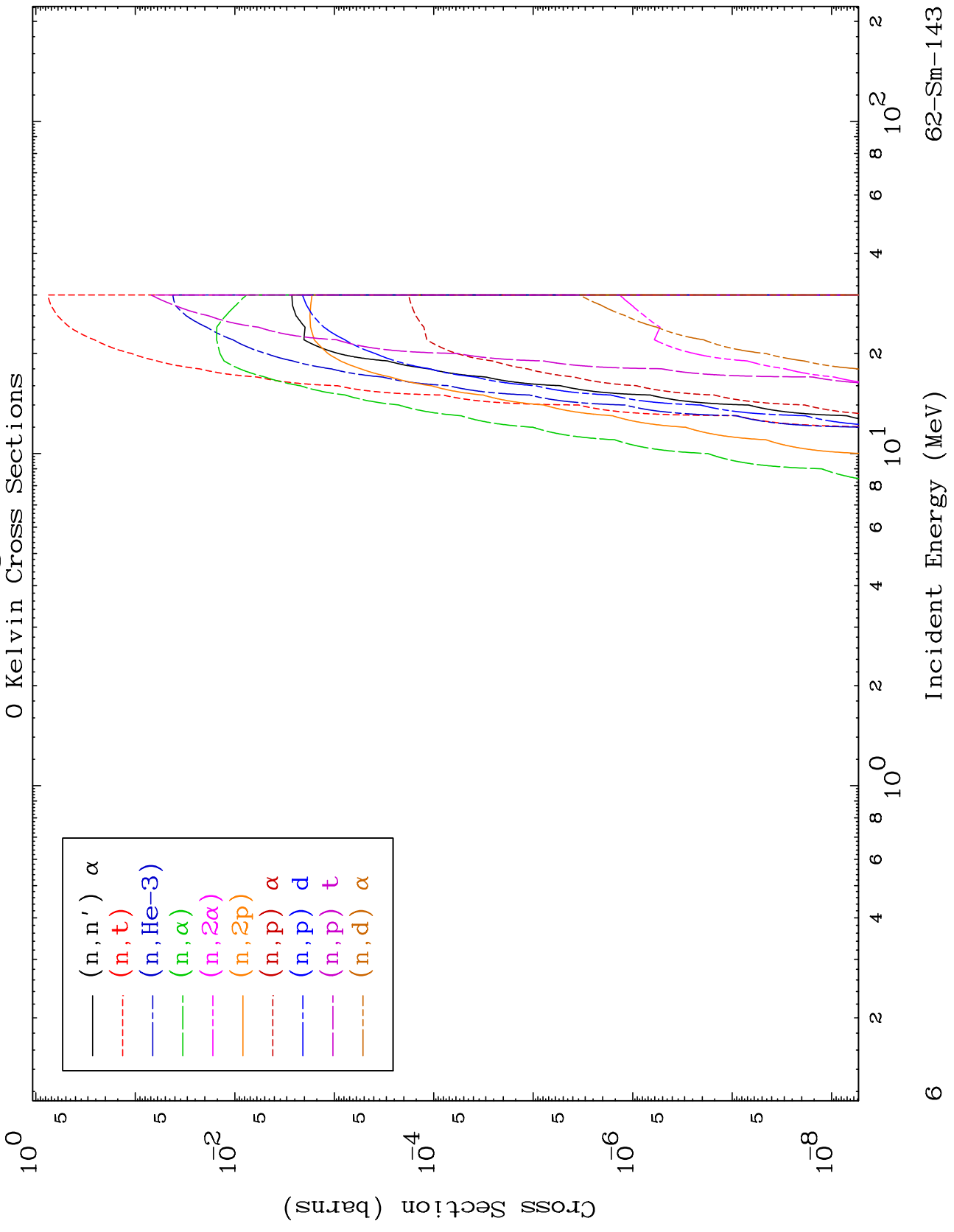




MAT 6222

He-3 Charged Particle
0 Kelvin Cross Sections

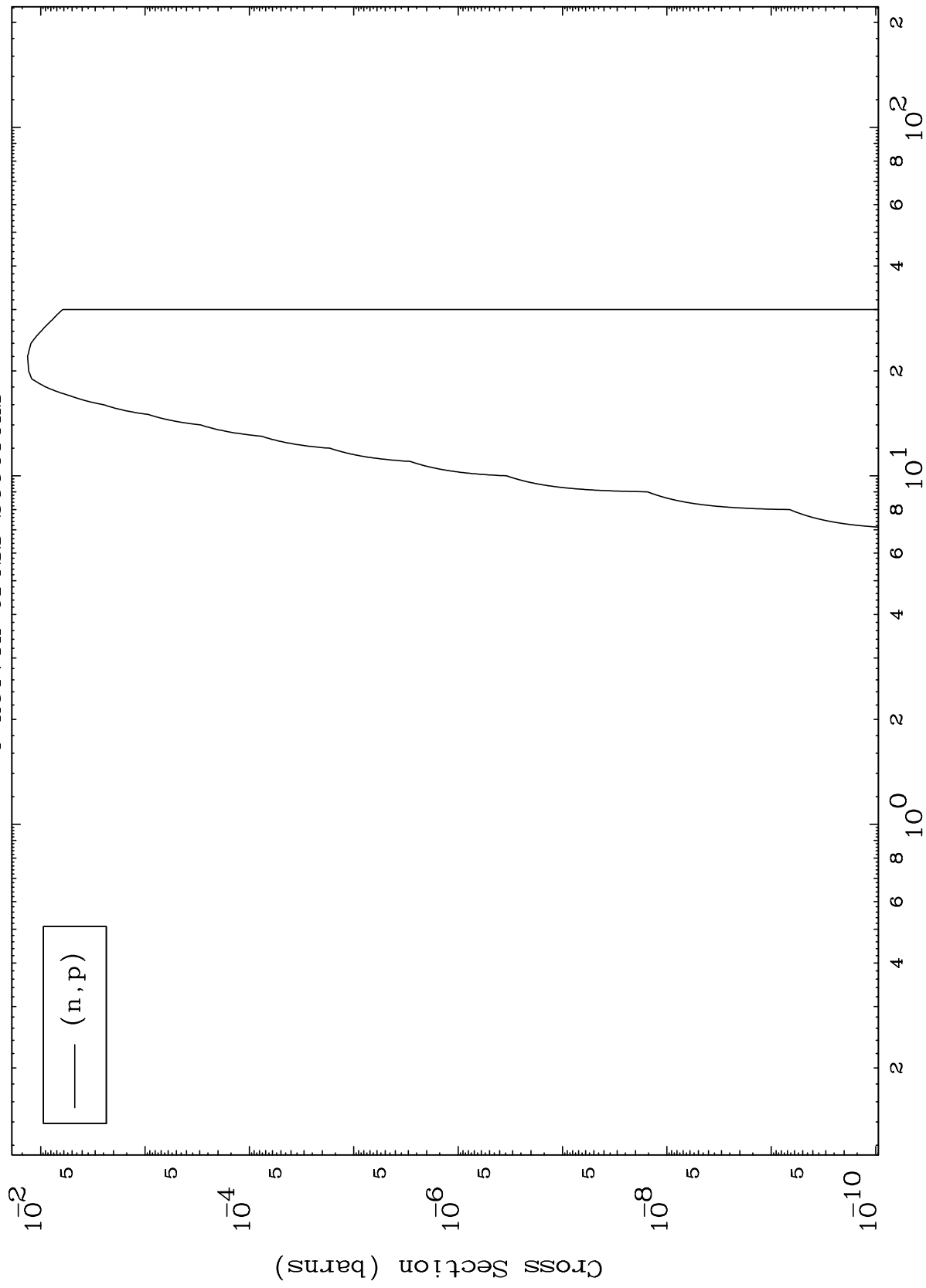
62-Sm-143



MAT 6222

62-Sm-143

(He-3,p) Levels
0 Kelvin Cross Sections



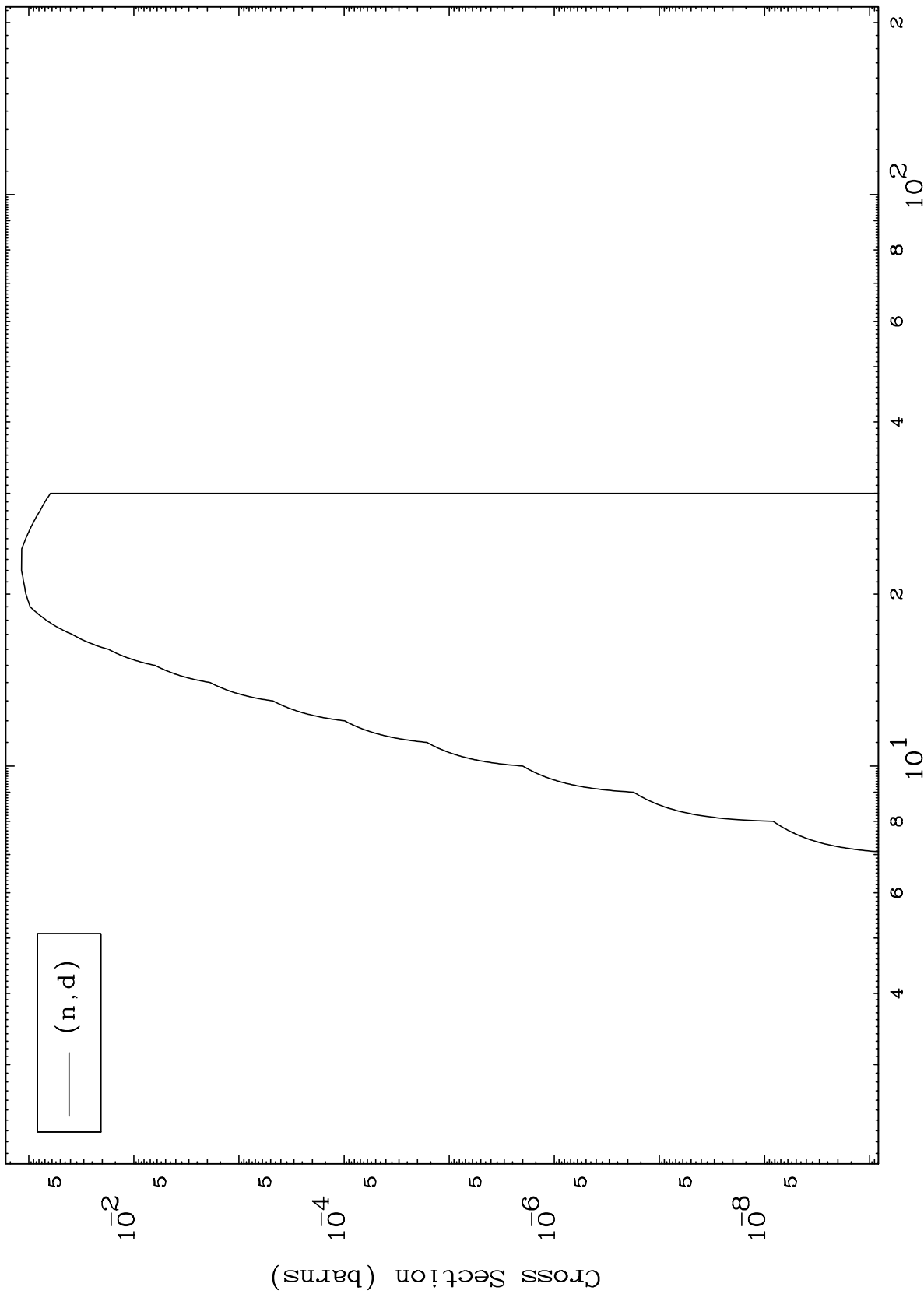
62-Sm-143

Incident Energy (MeV)

MAT 6222

62-Sm-143

(He-3,d) Levels
0 Kelvin Cross Sections



62-Sm-143

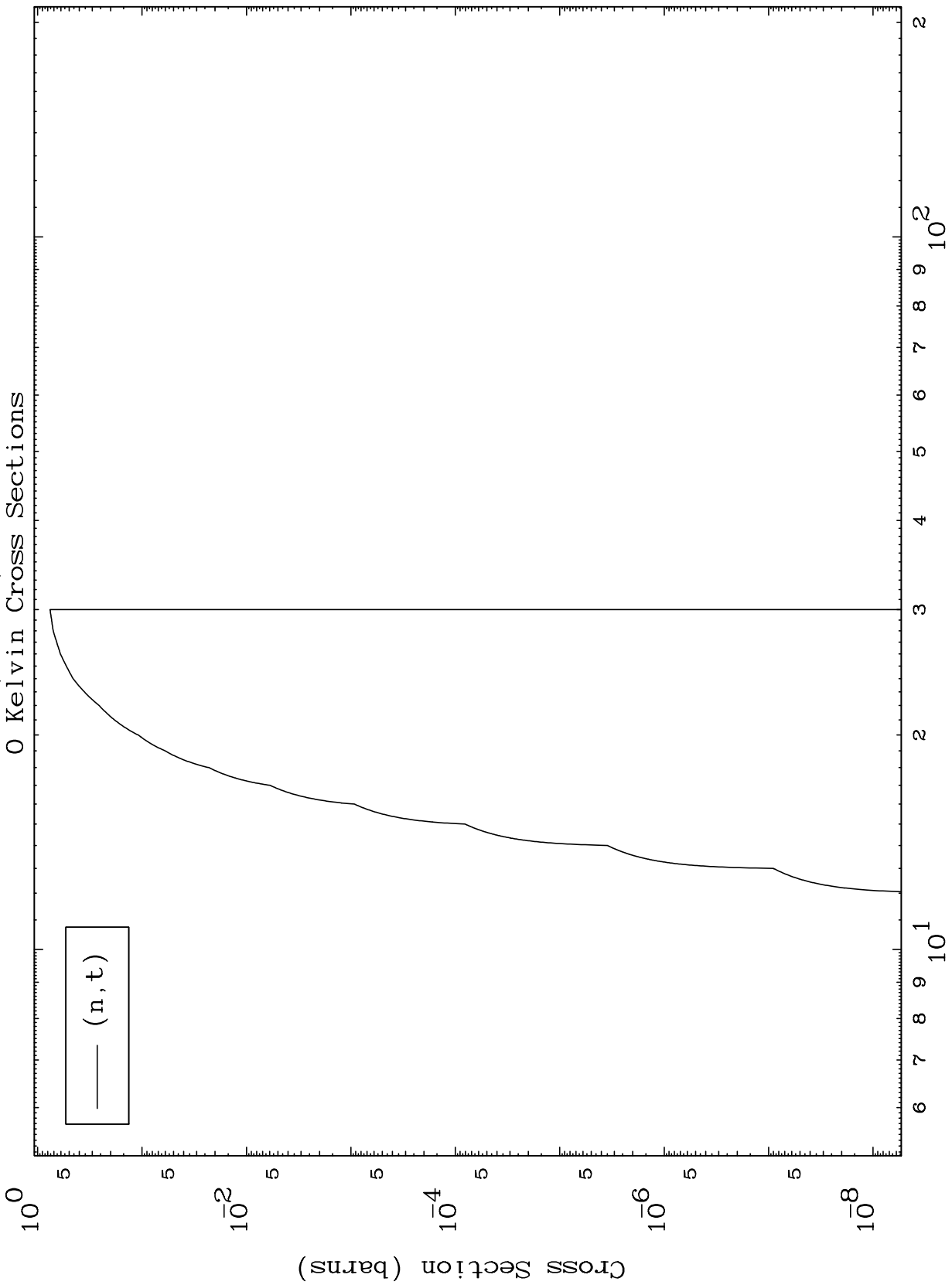
Incident Energy (MeV)

8

MAT 6222

62-Sm-143

(He-3,t) Levels
0 Kelvin Cross Sections

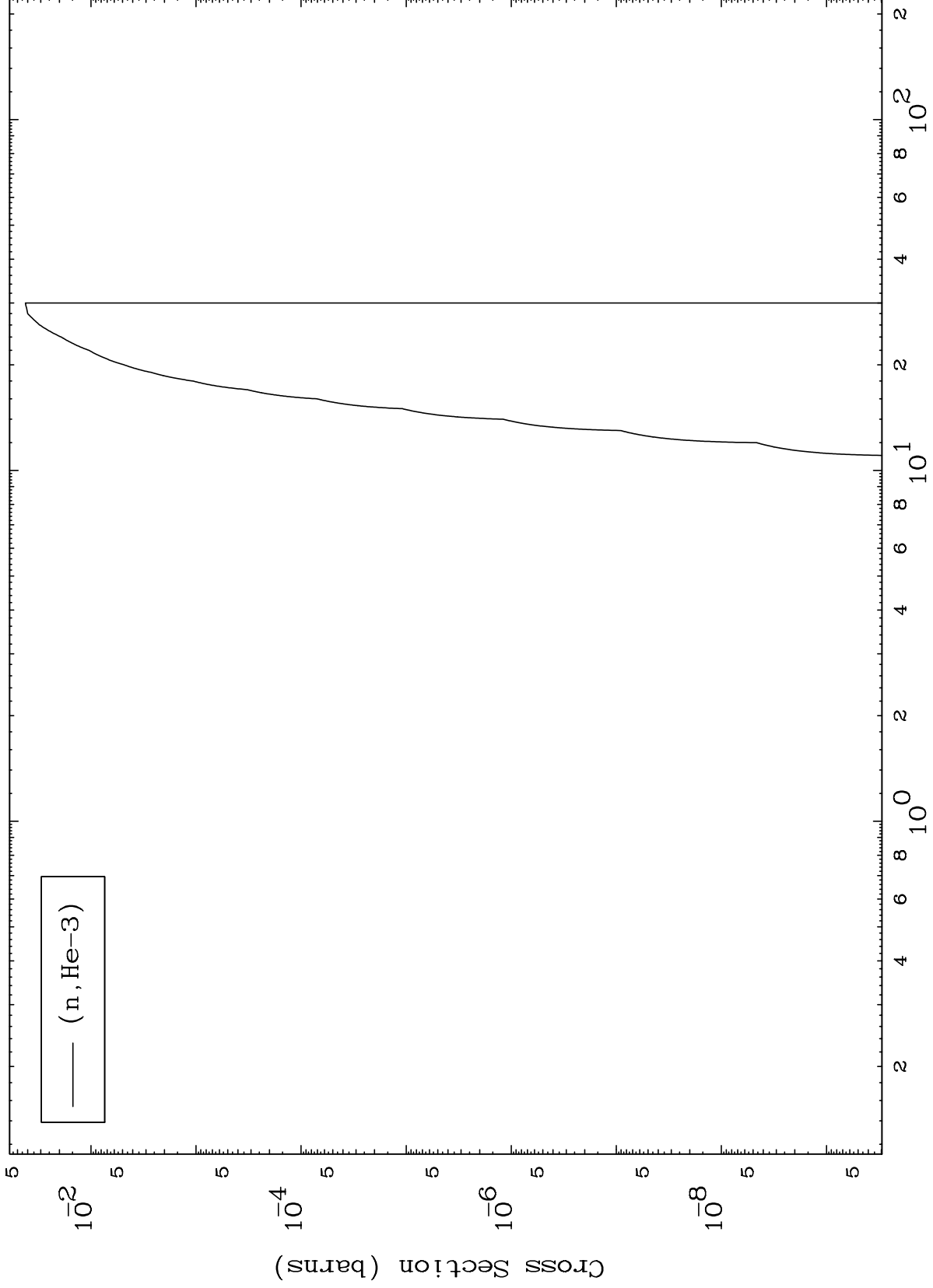


MAT 6222

(He-3, He3) Levels

62-Sm-143

0 Kelvin Cross Sections



10

Incident Energy (MeV)

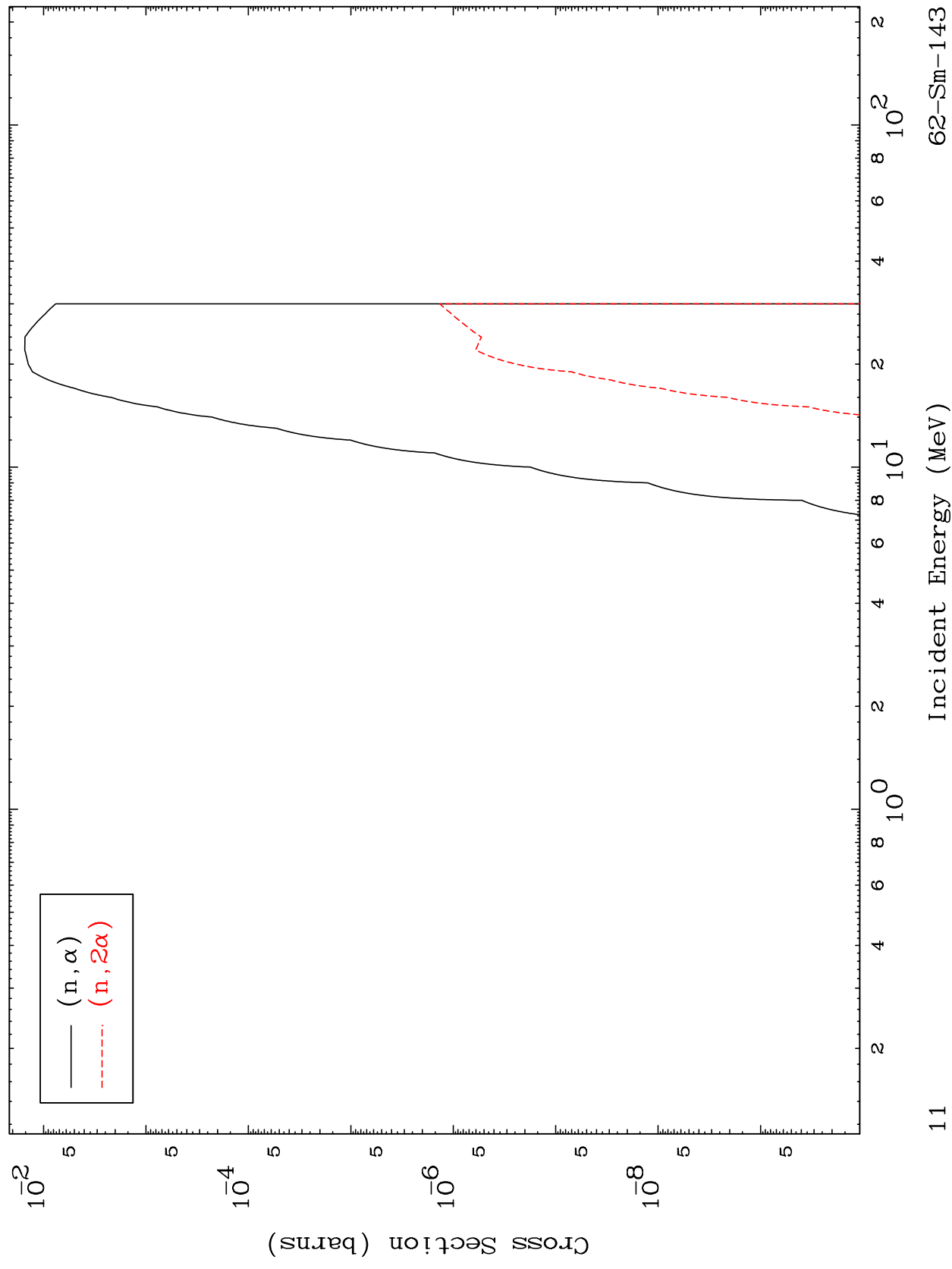
62-Sm-143

MAT 6222

(He-3, α) Levels

62-Sm-143

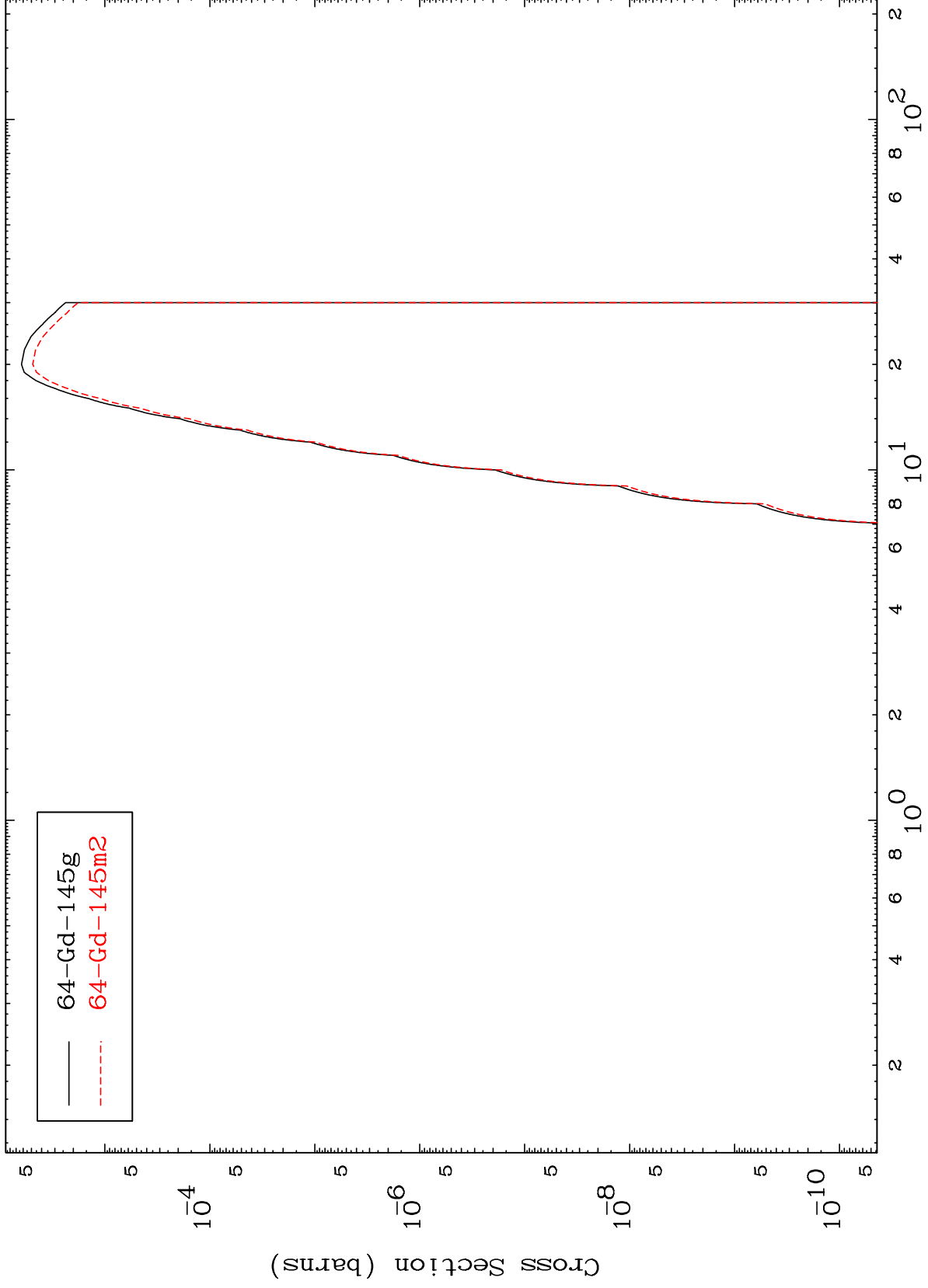
0 Kelvin Cross Sections



MAT 6222

Radionuclide Production Cross Section

62-Sm-143



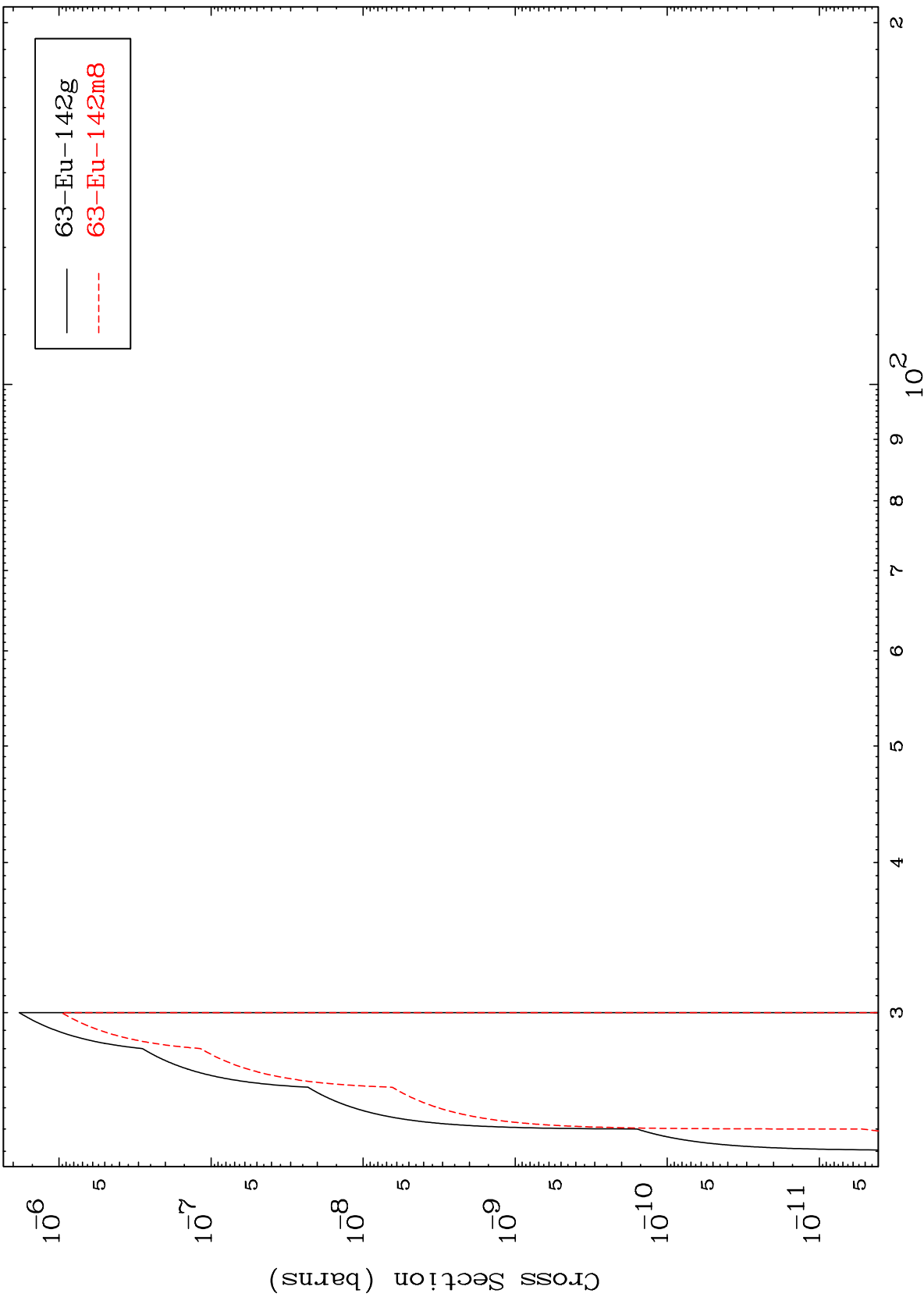
62-Sm-143

MAT 6222

(n,2n) d

62-Sm-143

Radionuclide Production Cross Section



63-Eu-142g
63-Eu-142m8

13

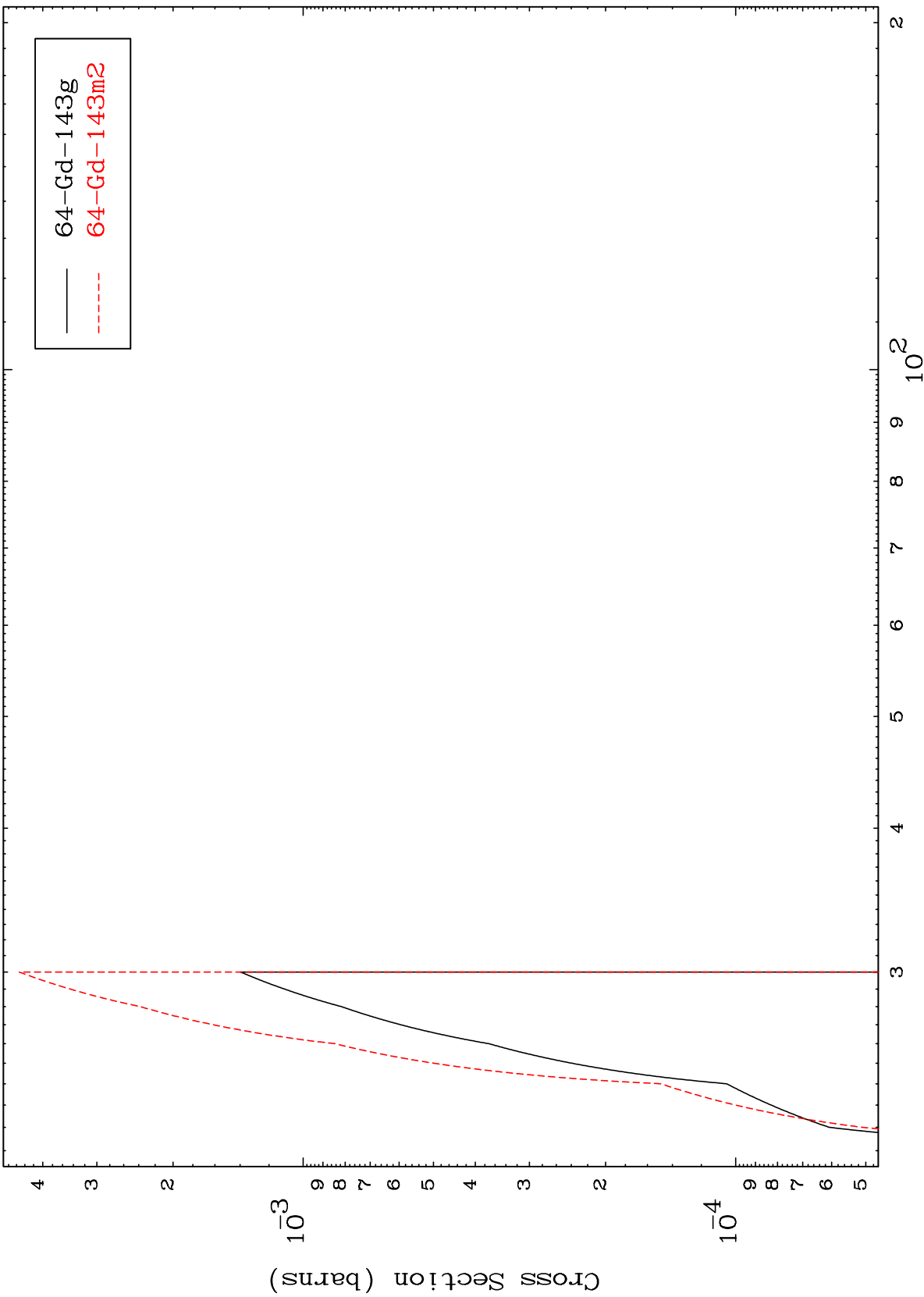
Incident Energy (MeV)

62-Sm-143

MAT 6222

62-Sm-143

(n,3n)
Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

62-Sm-143

Incident Energy (MeV)

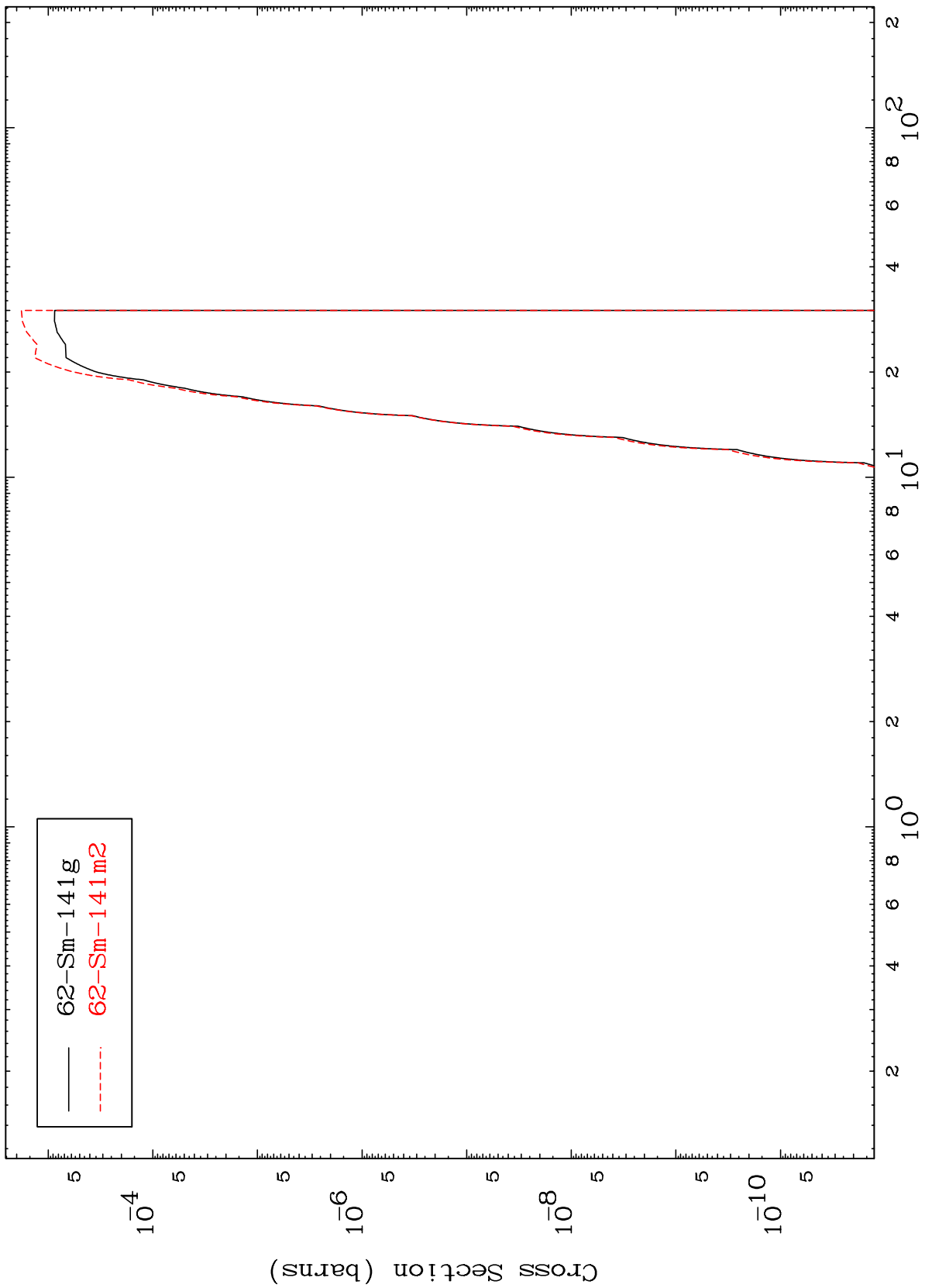
14

MAT 6222

$(n, n') \alpha$

62-Sm-143

Radionuclide Production Cross Section



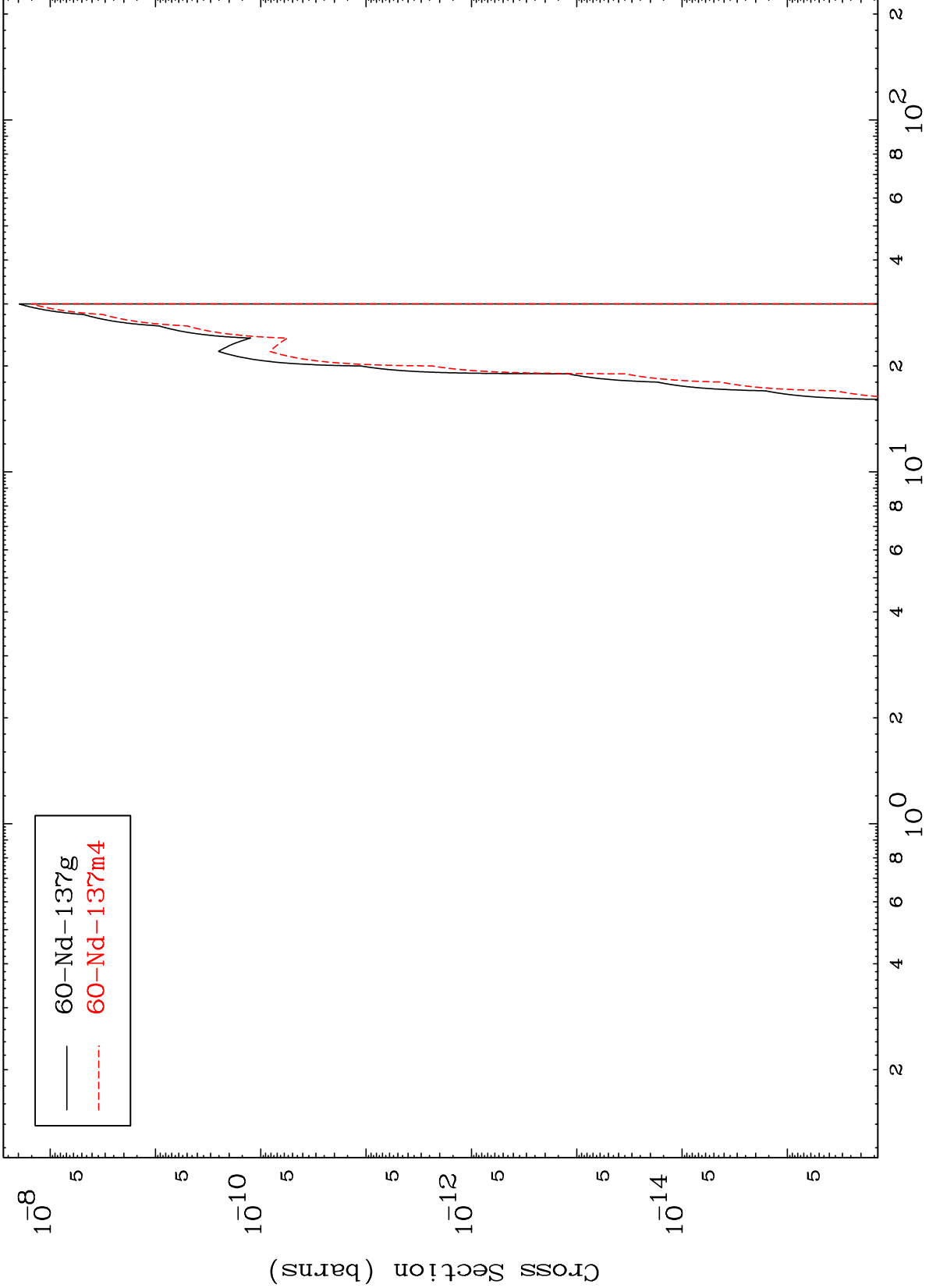
62-Sm-141 g
62-Sm-141 m2

MAT 6222

(n,n') 2α

62-Sm-143

Radionuclide Production Cross Section



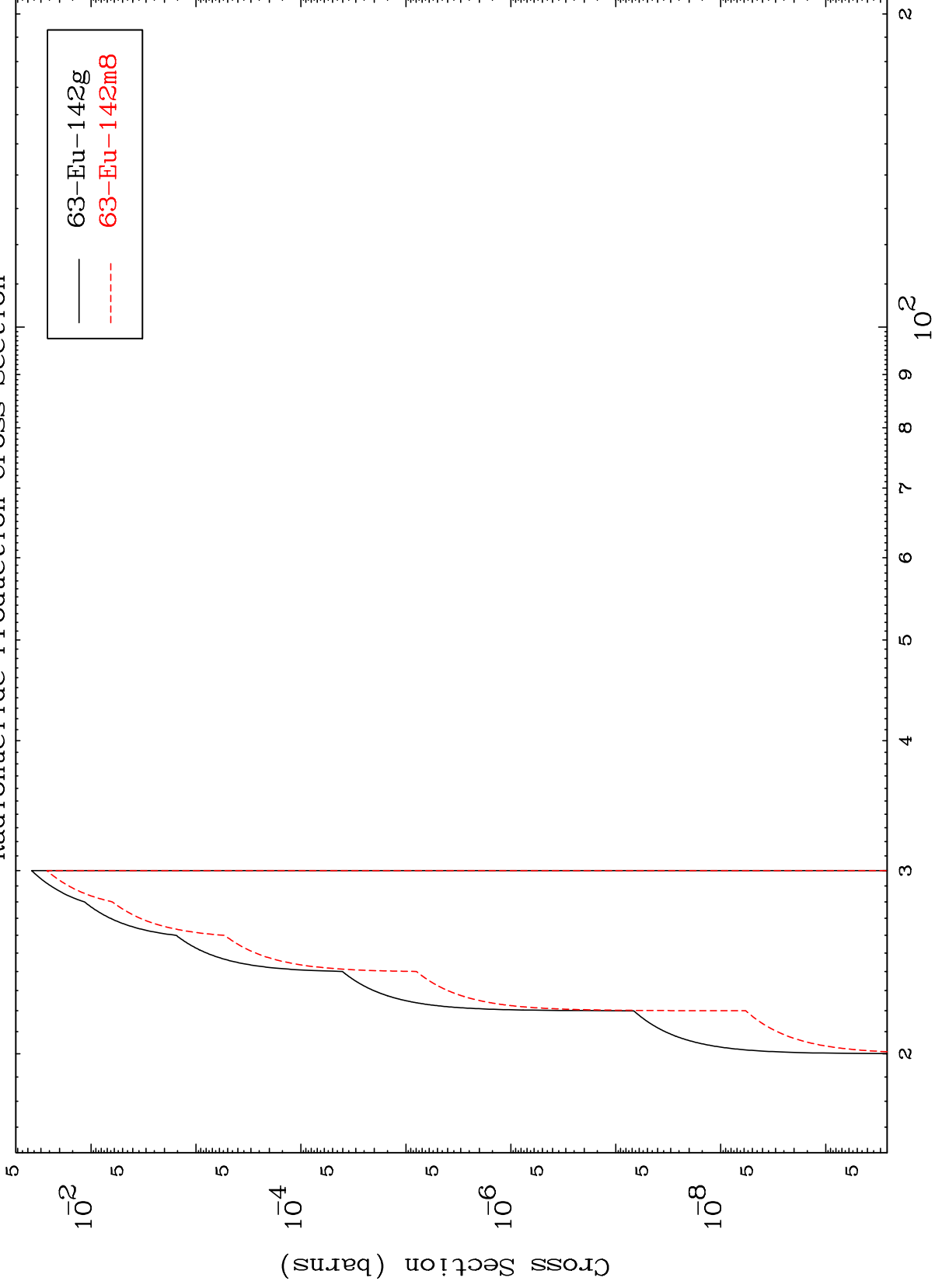
60-Nd-137g
60-Nd-137m4

MAT 6222

(n,n') t

62-Sm-143

Radionuclide Production Cross Section



17

Incident Energy (MeV)

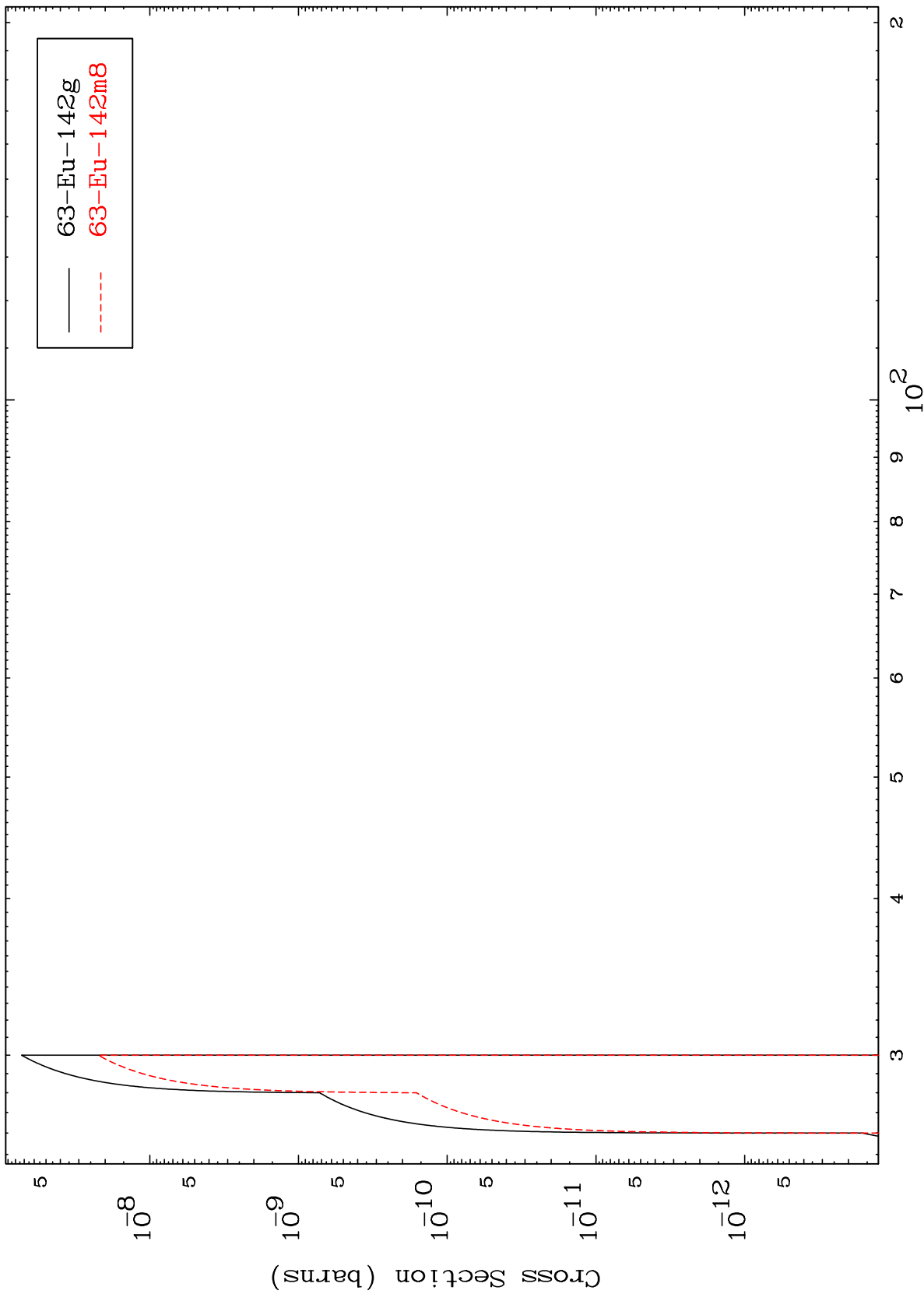
62-Sm-143

MAT 6222

(n,3n) p

62-Sm-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

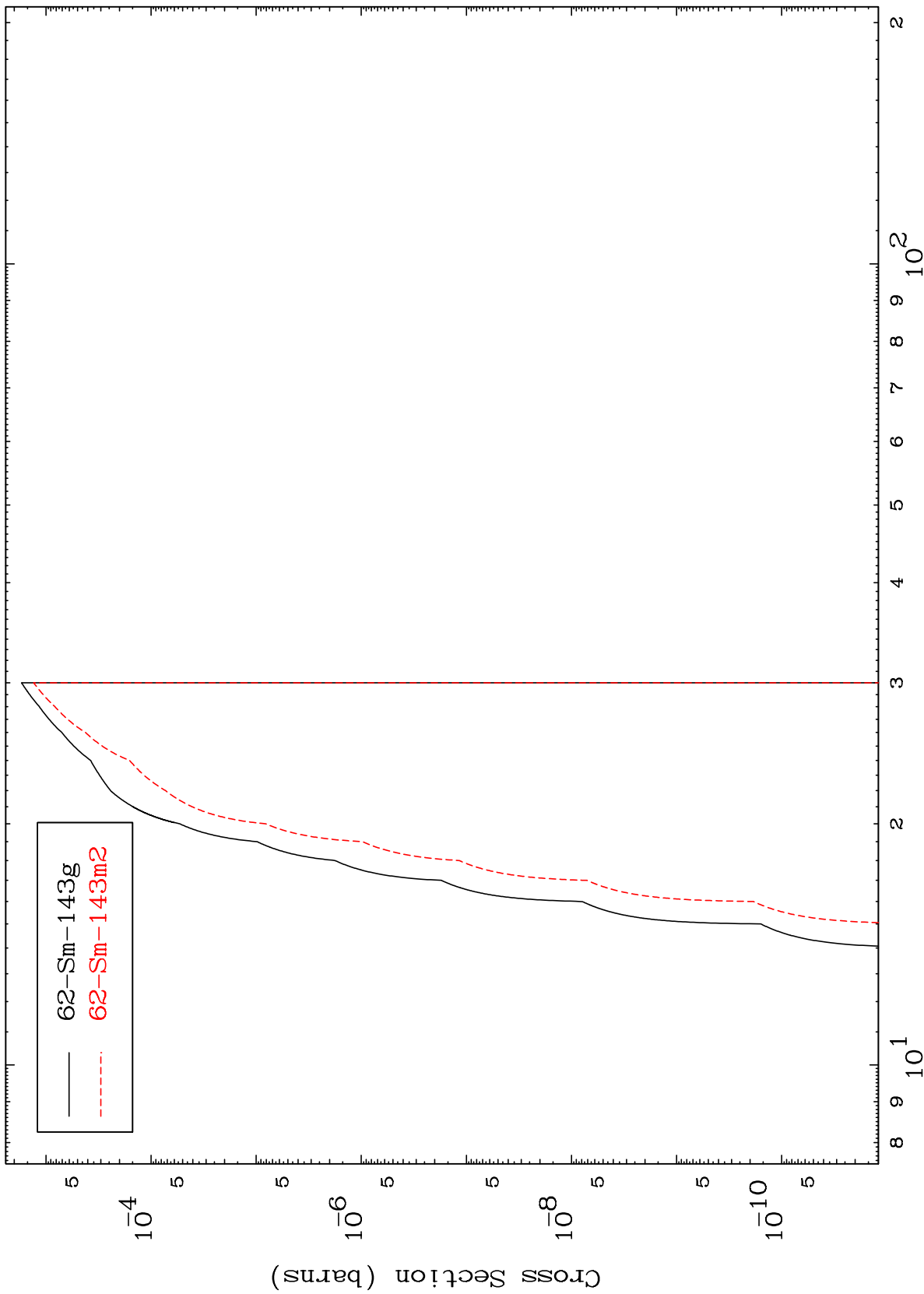
62-Sm-143

MAT 6222

(n,2n) p

62-Sm-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

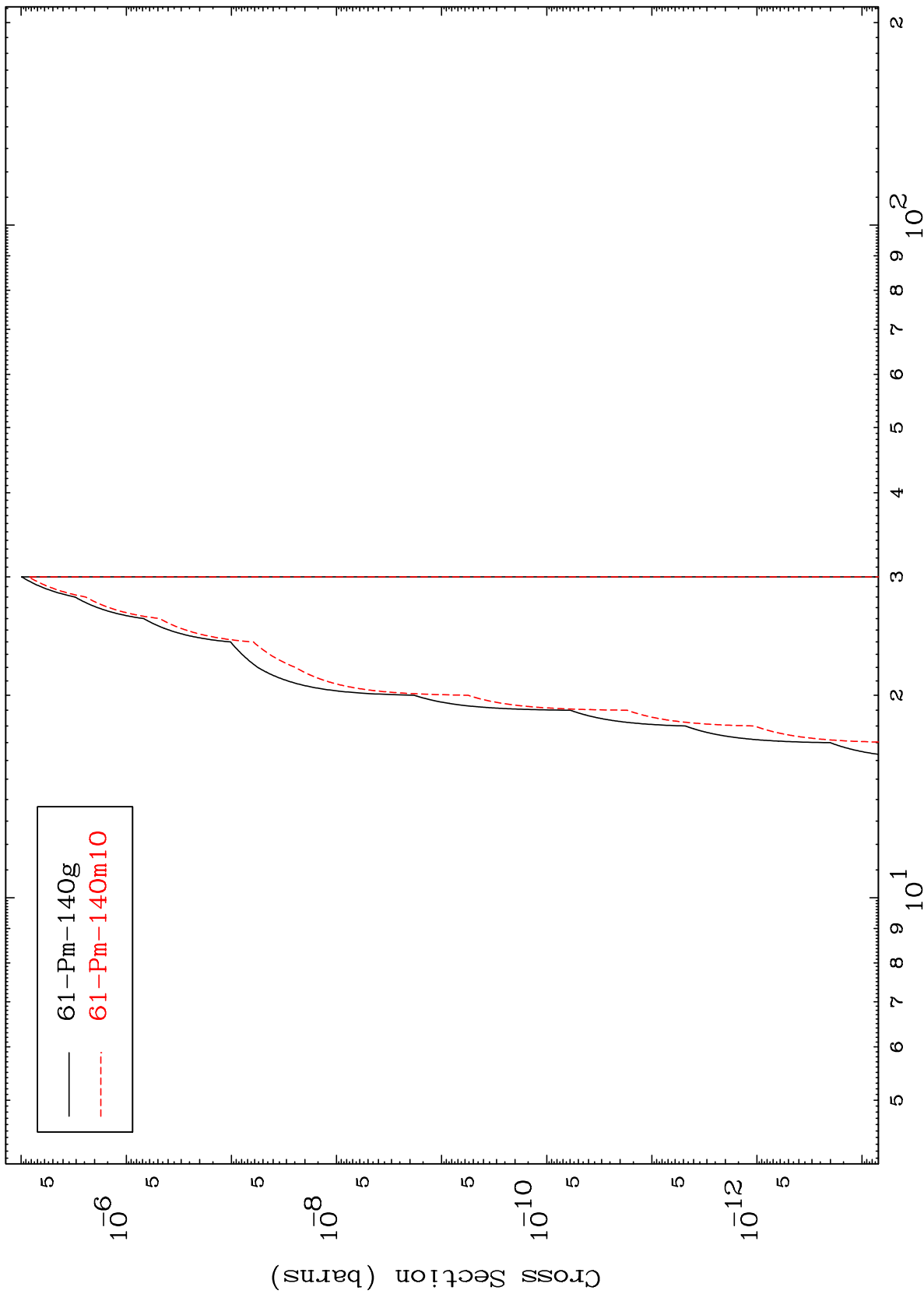
62-Sm-143

MAT 6222

(n,n') p α

62-Sm-143

Radionuclide Production Cross Section



20

Incident Energy (MeV)

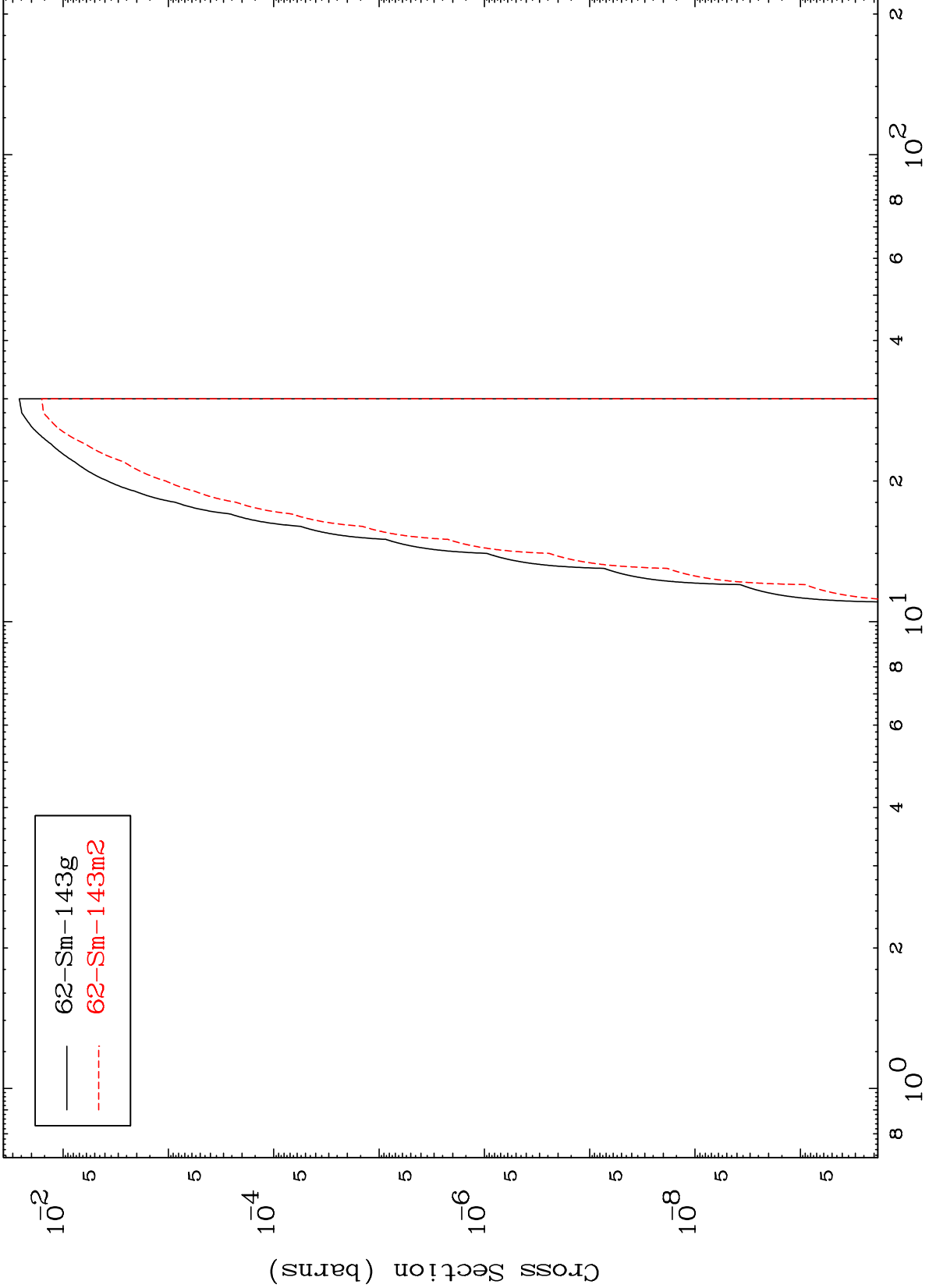
62-Sm-143

MAT 6222

(n,He-3)

62-Sm-143

Radionuclide Production Cross Section

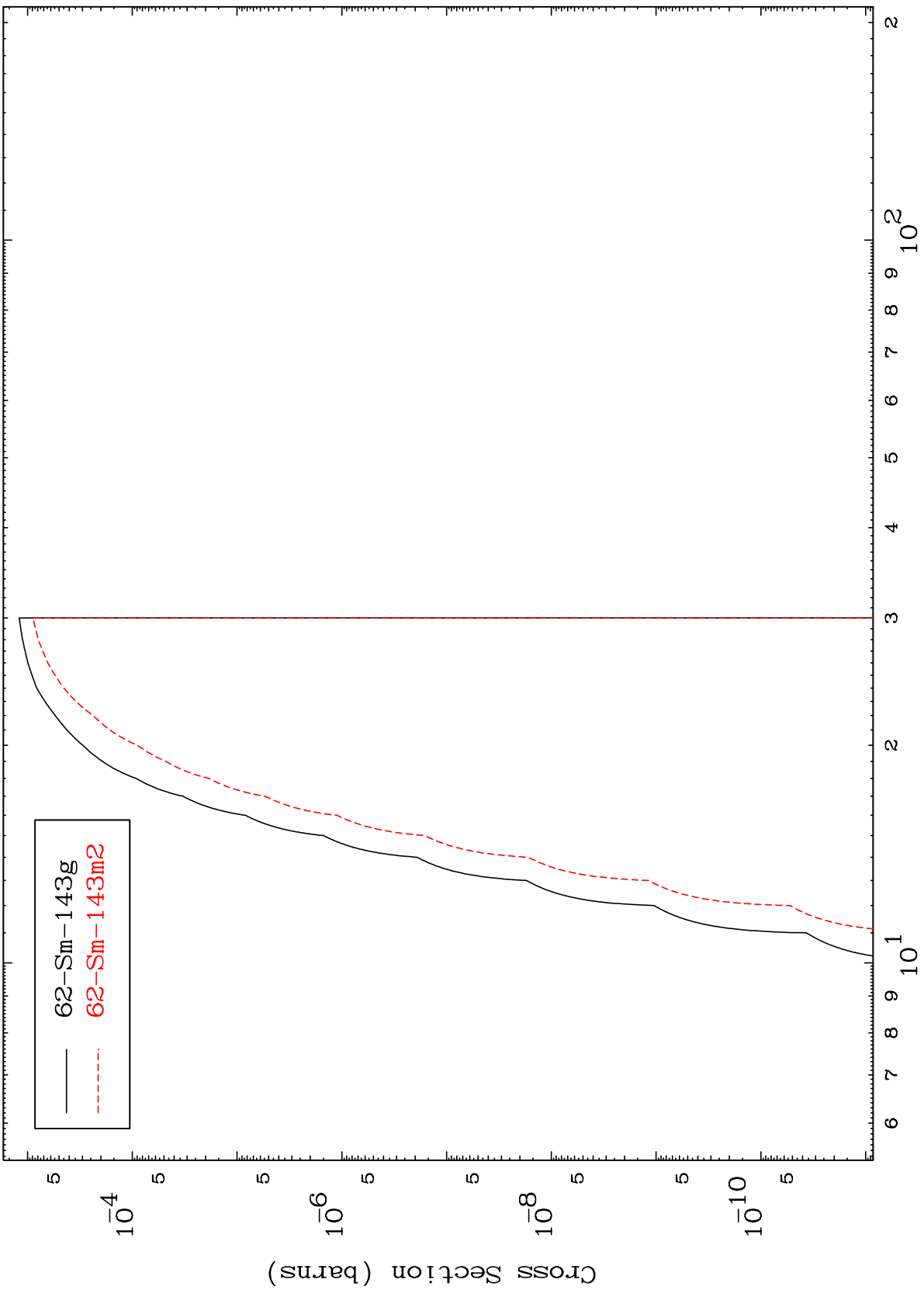


MAT 6222

(n,p) d

62-Sm-143

Radionuclide Production Cross Section



62-Sm-143g
62-Sm-143m2

22

Incident Energy (MeV)

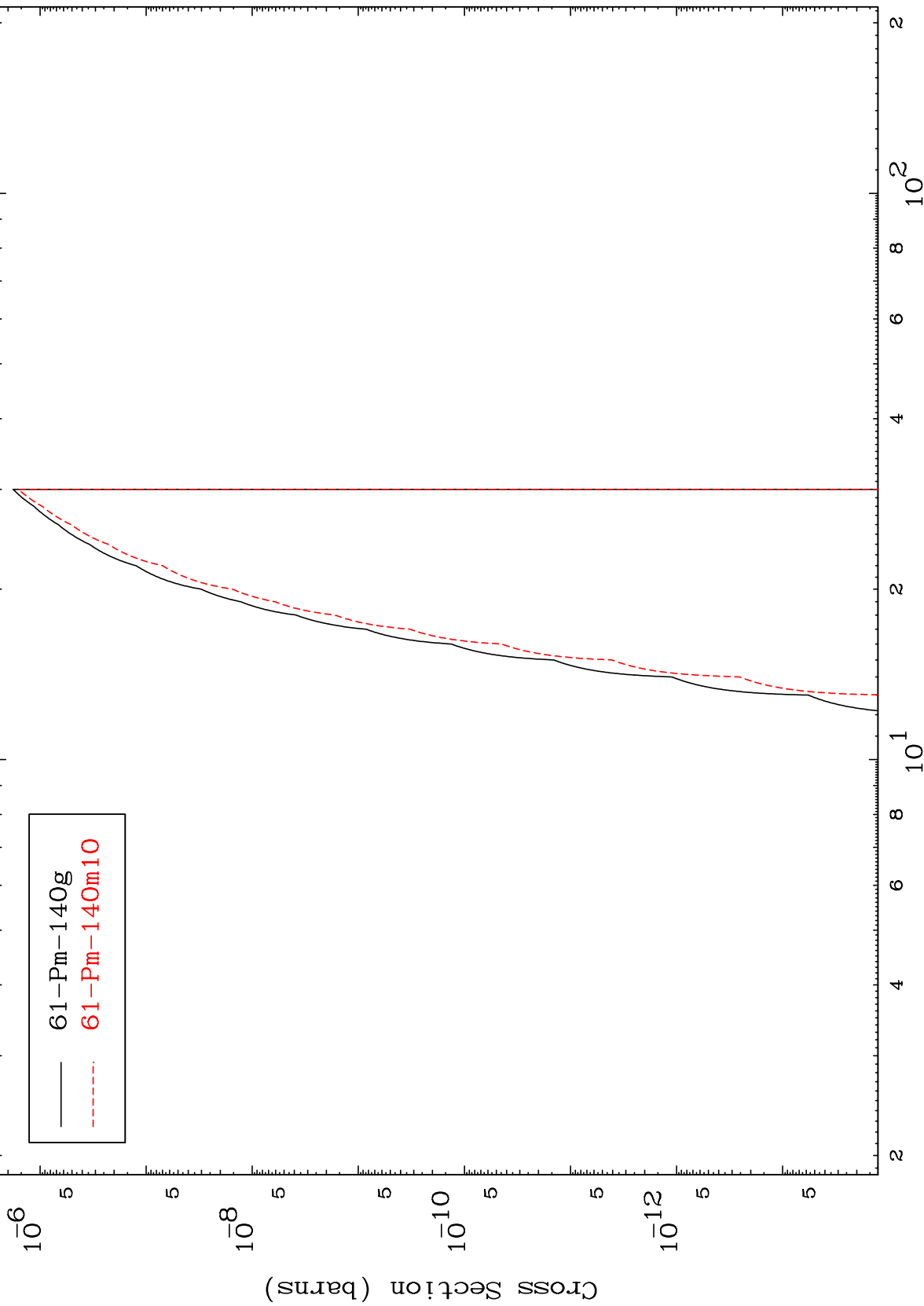
62-Sm-143

MAT 6222

(n,d) α

62-Sm-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

62-Sm-143