

Program EVALPLOT  
(Version 2021-1)

by

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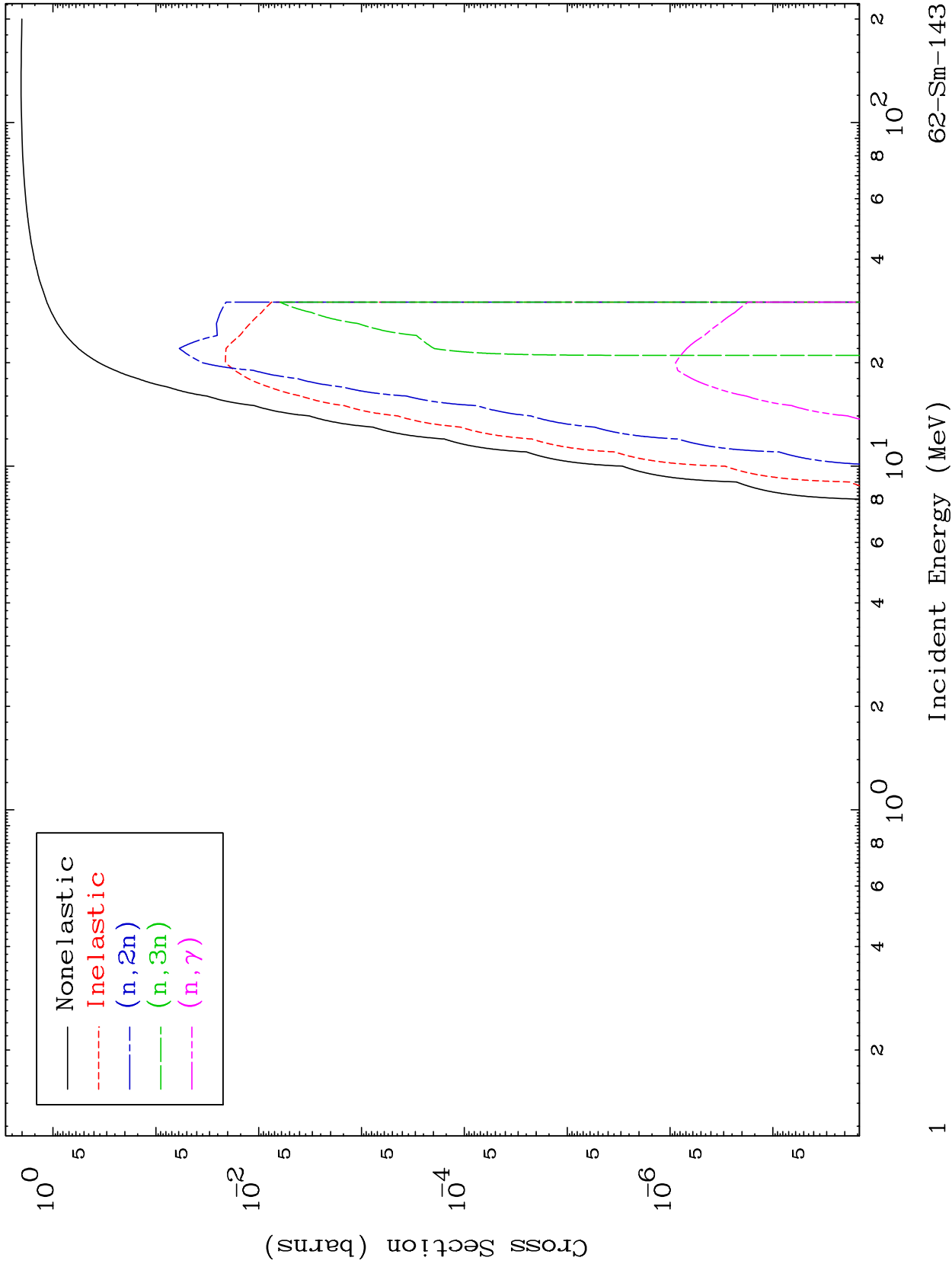
Press Mouse Button to Start

MAT 6222

He-3 Major

0 Kelvin Cross Sections

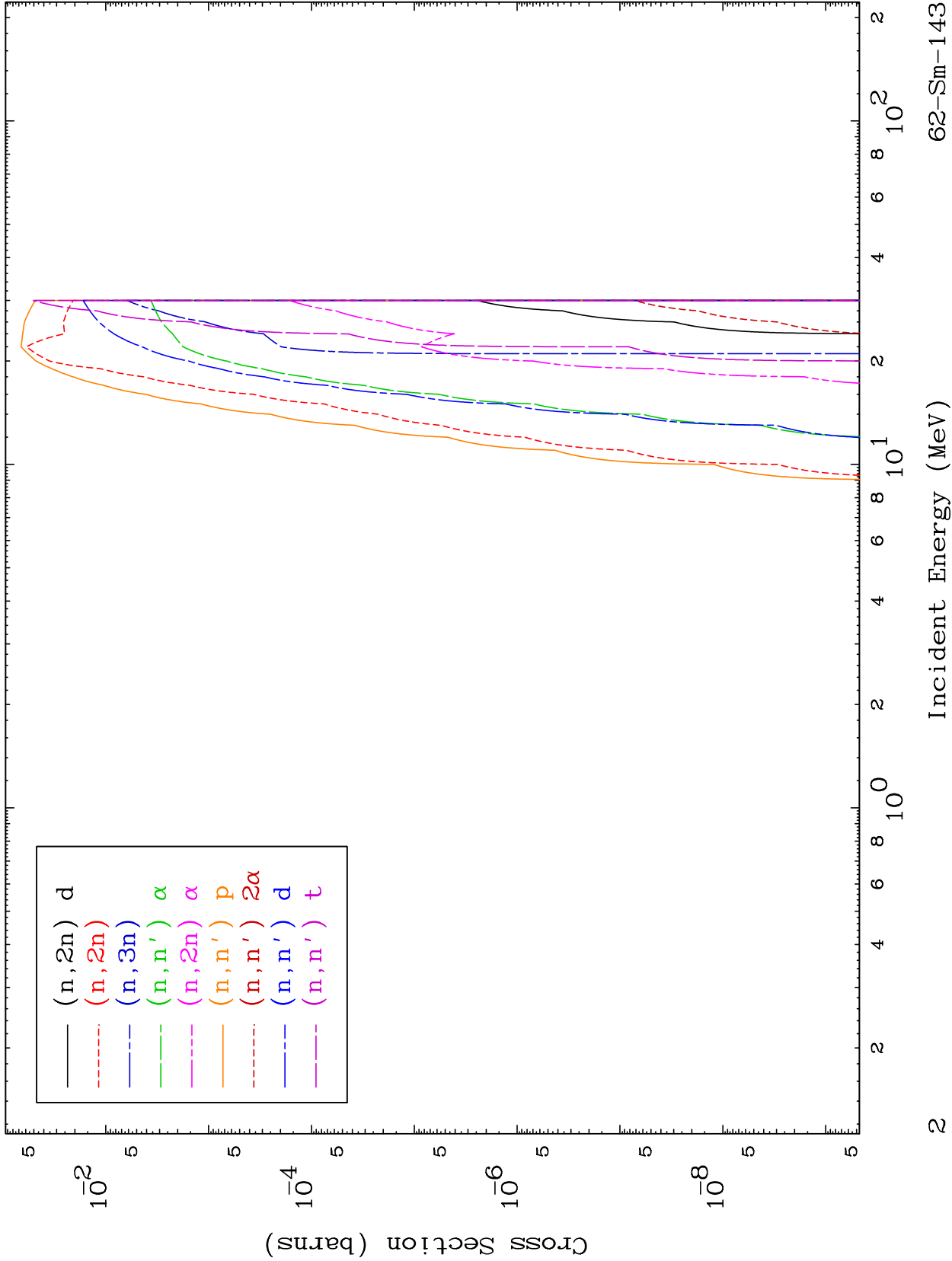
62-Sm-143



MAT 6222

He-3 Neutron Absorption  
0 Kelvin Cross Sections

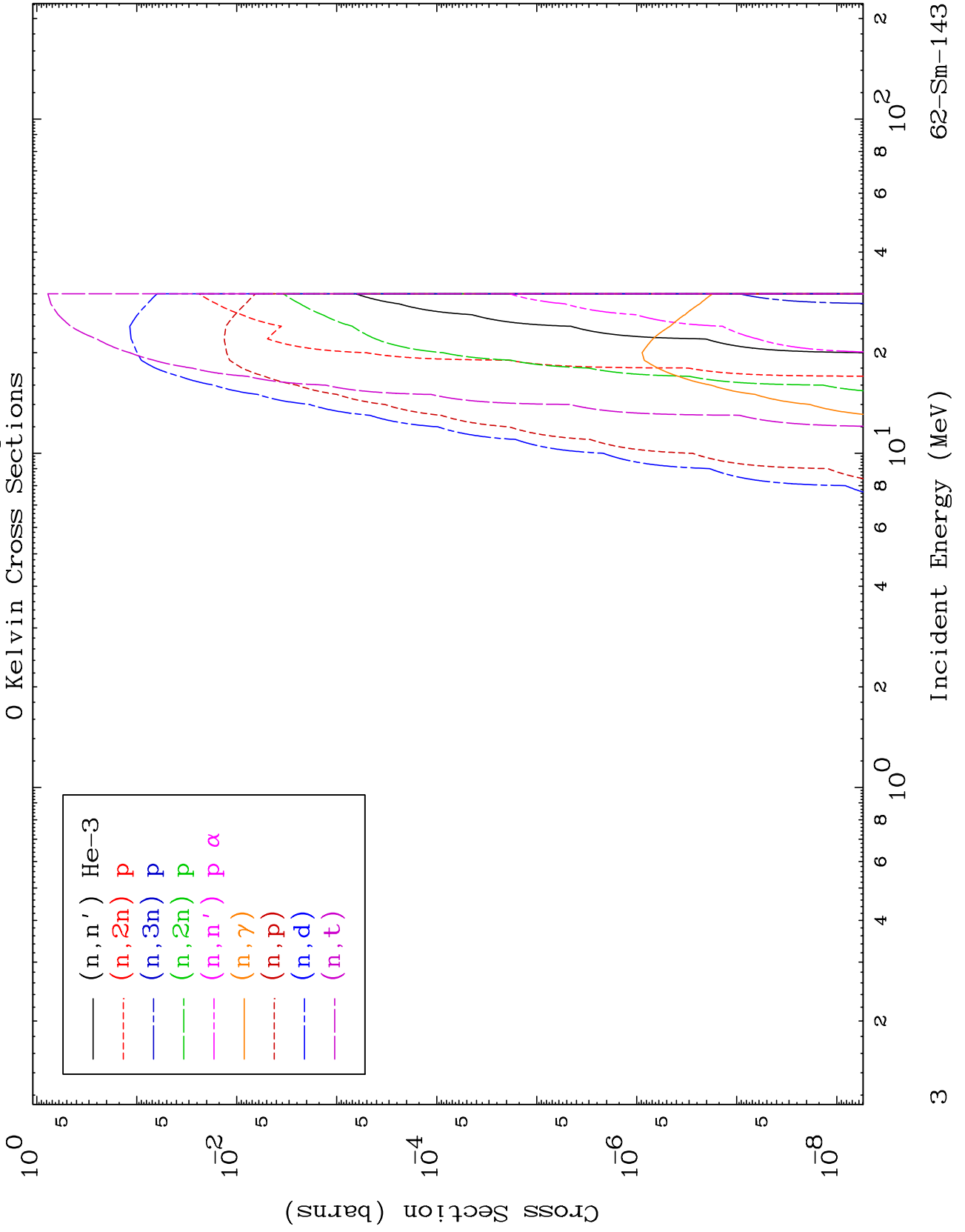
62-Sm-143

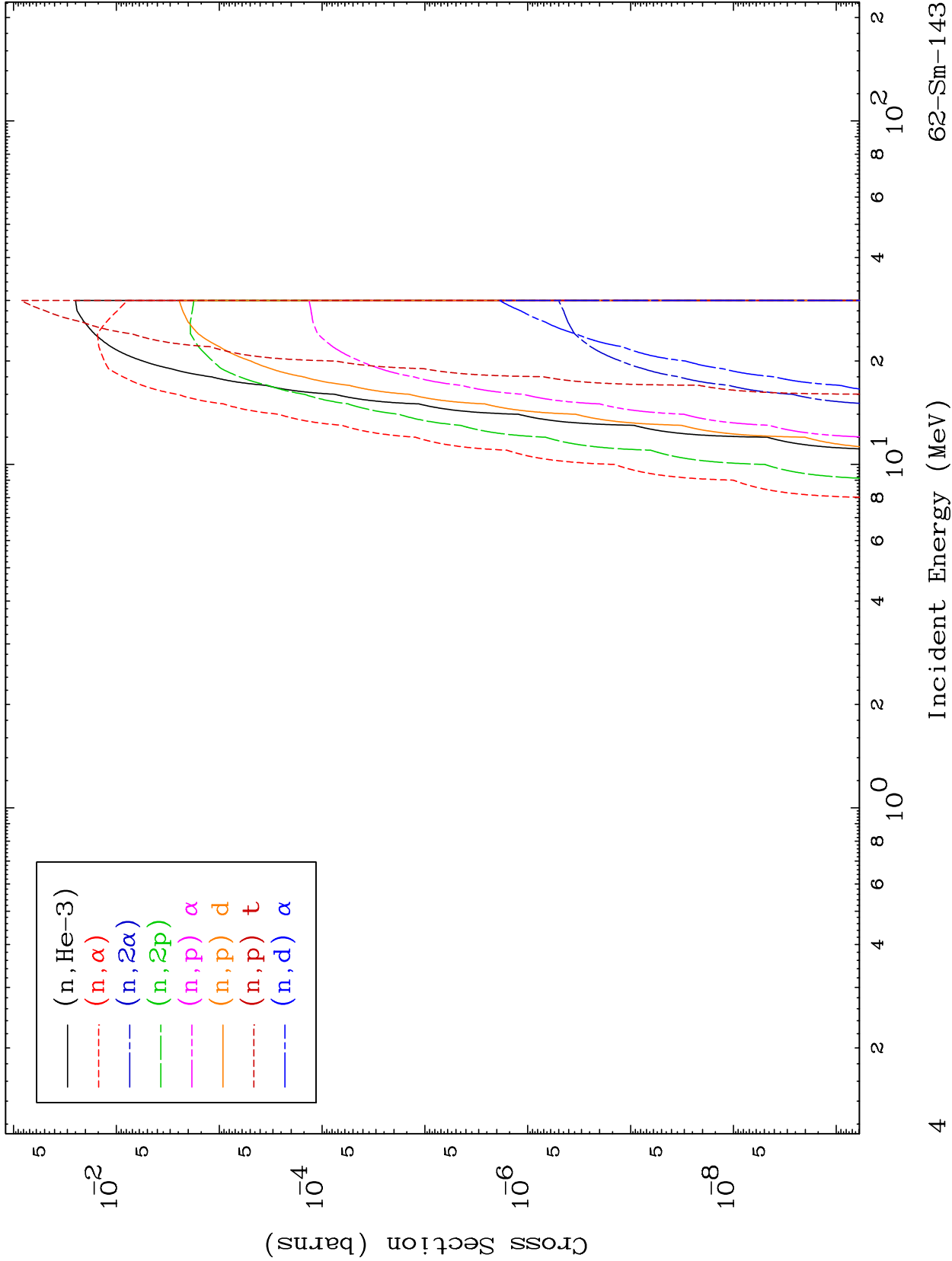


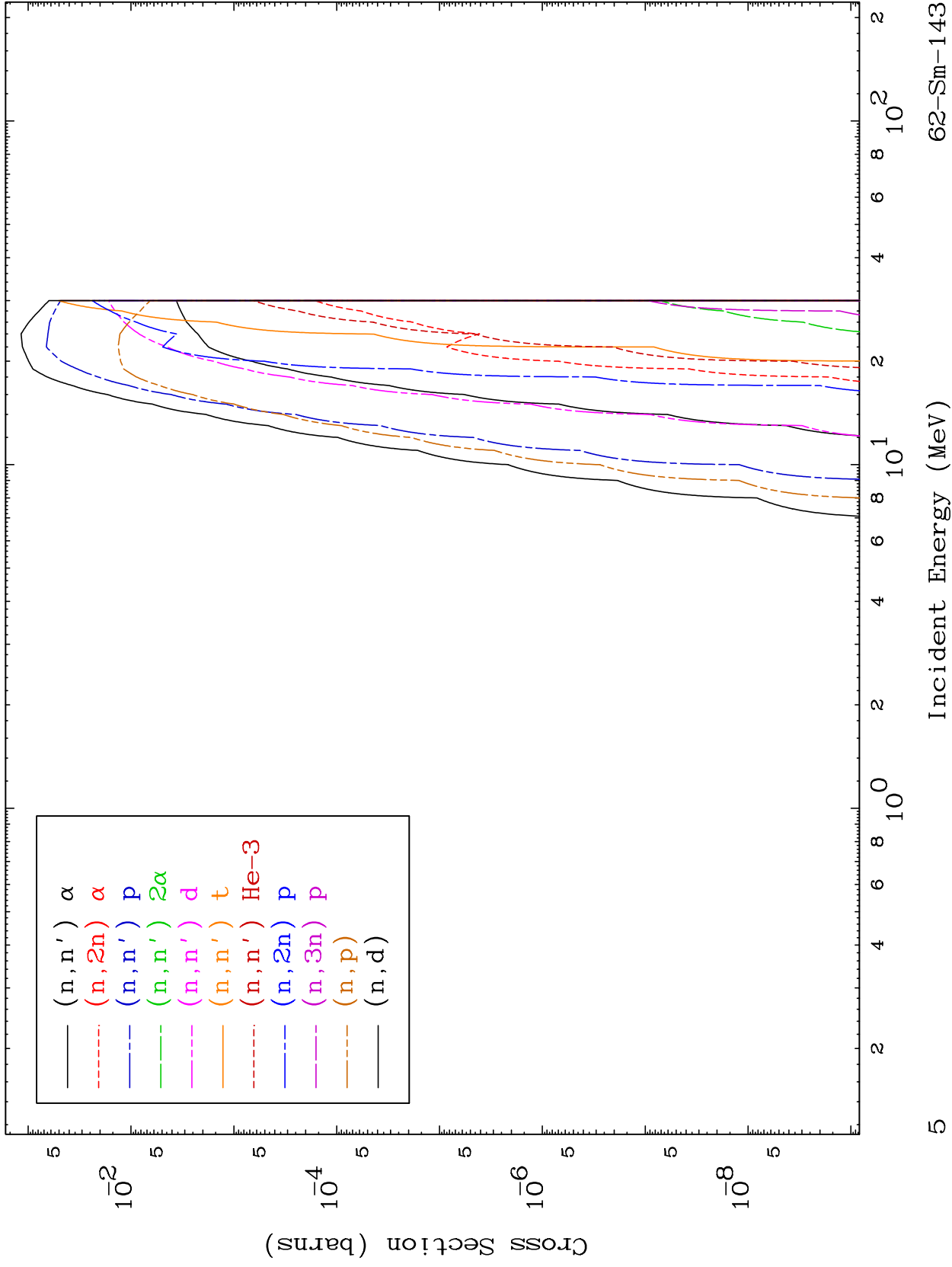
MAT 6222

He-3 Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-143



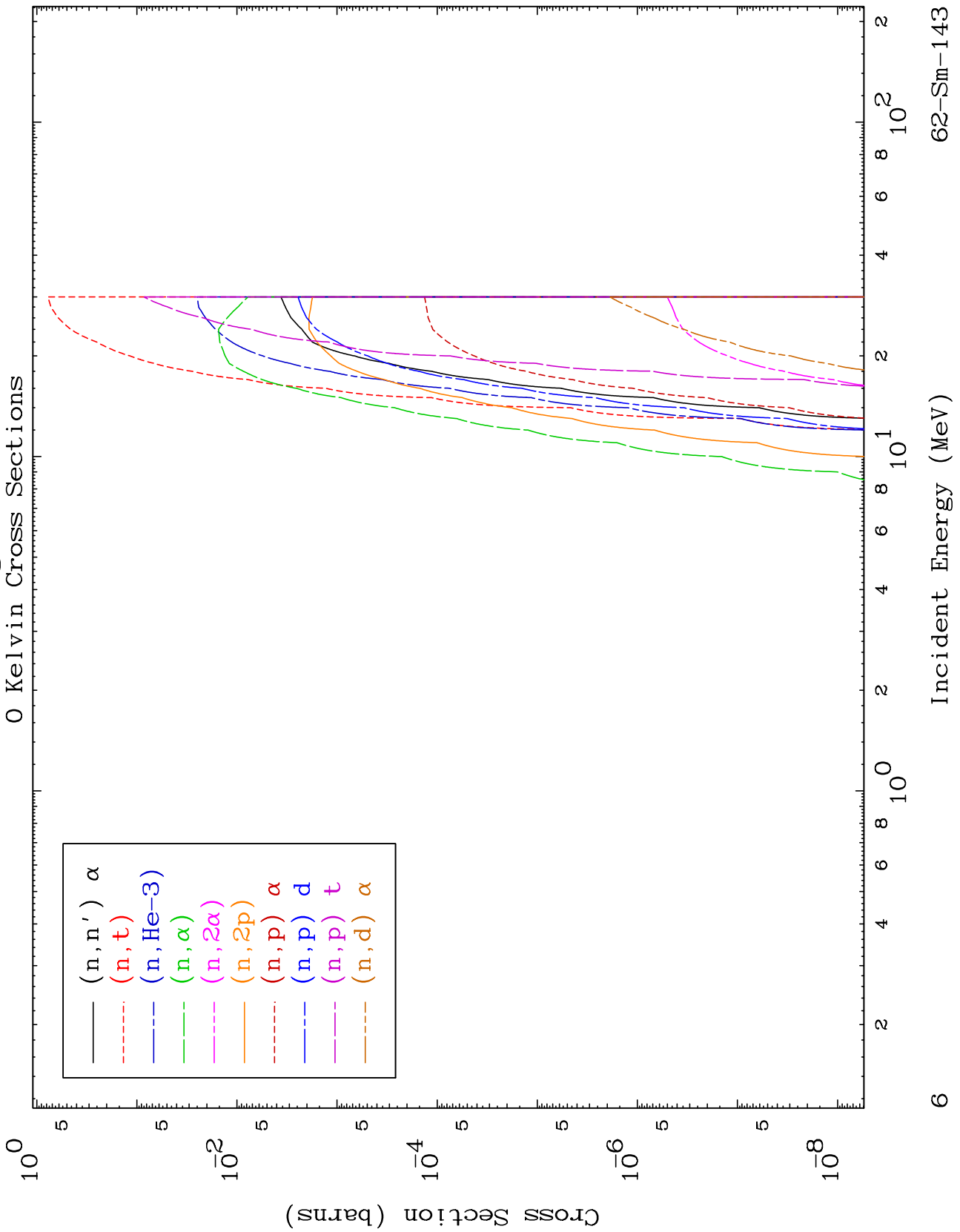




MAT 6222

He-3 Charged Particle  
0 Kelvin Cross Sections

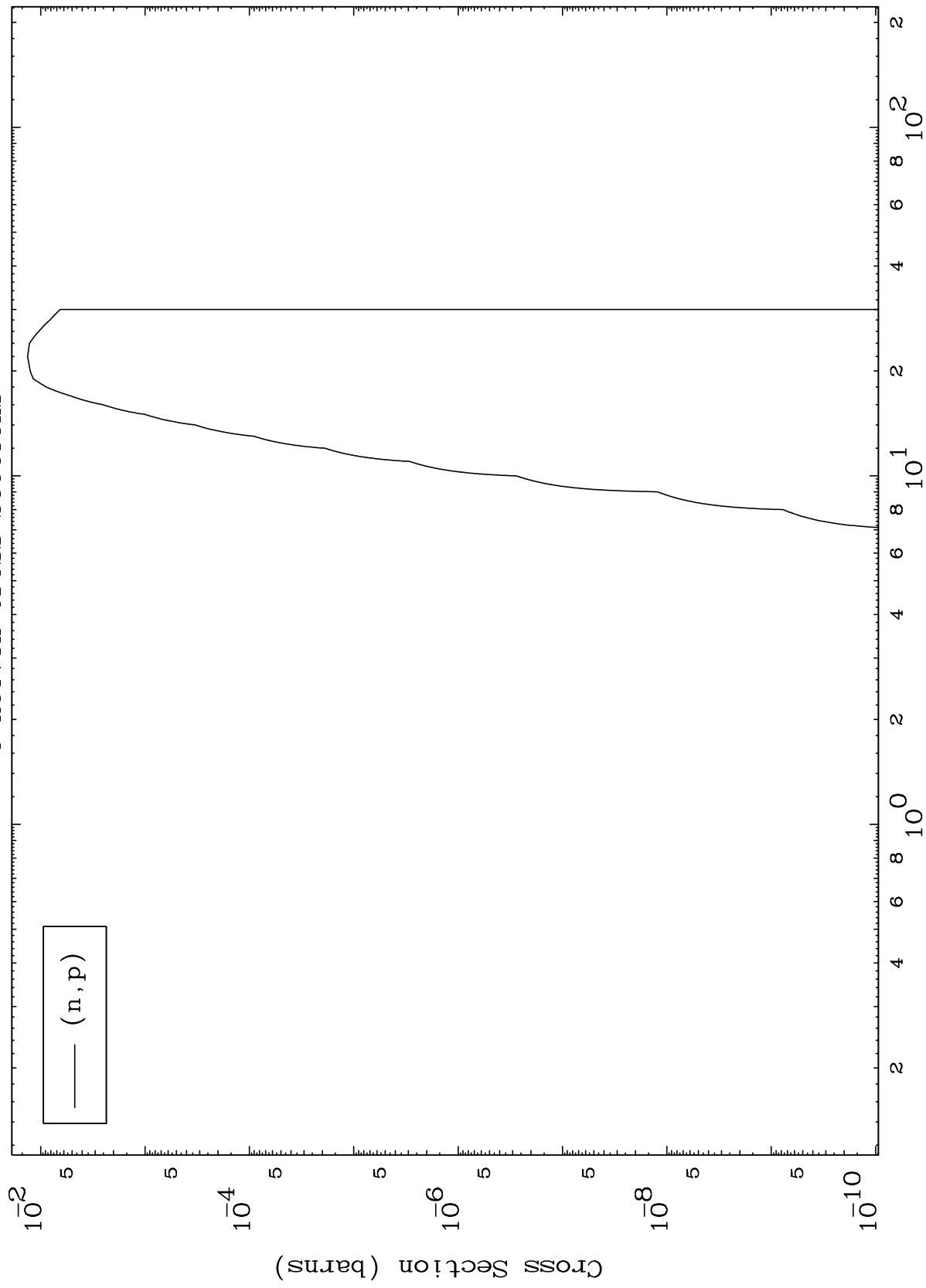
62-Sm-143



MAT 6222

62-Sm-143

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



62-Sm-143

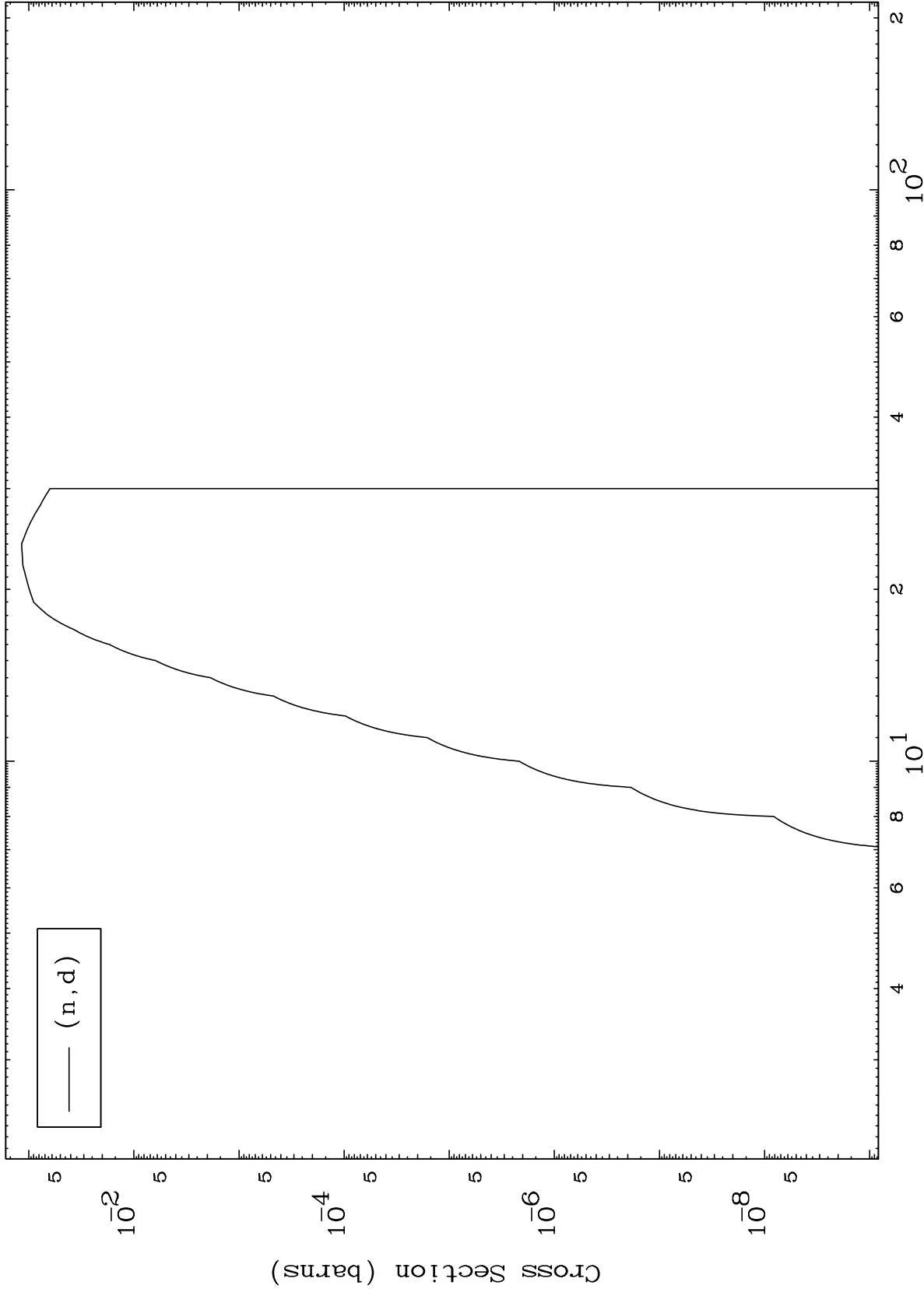
Incident Energy (MeV)

7

MAT 6222

62-Sm-143

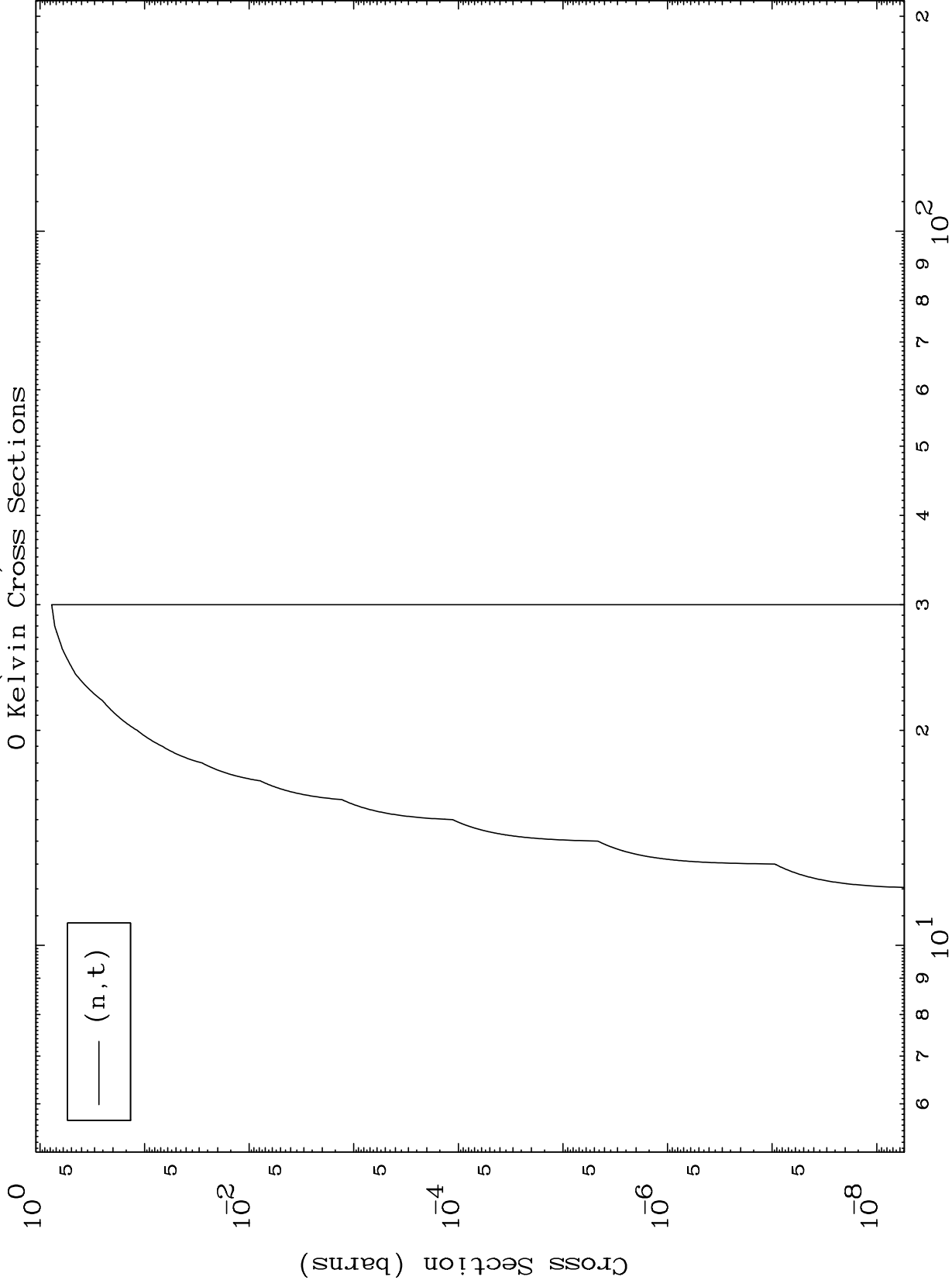
(He-3,d) Levels  
0 Kelvin Cross Sections



MAT 6222

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

62-Sm-143



9

Incident Energy (MeV)

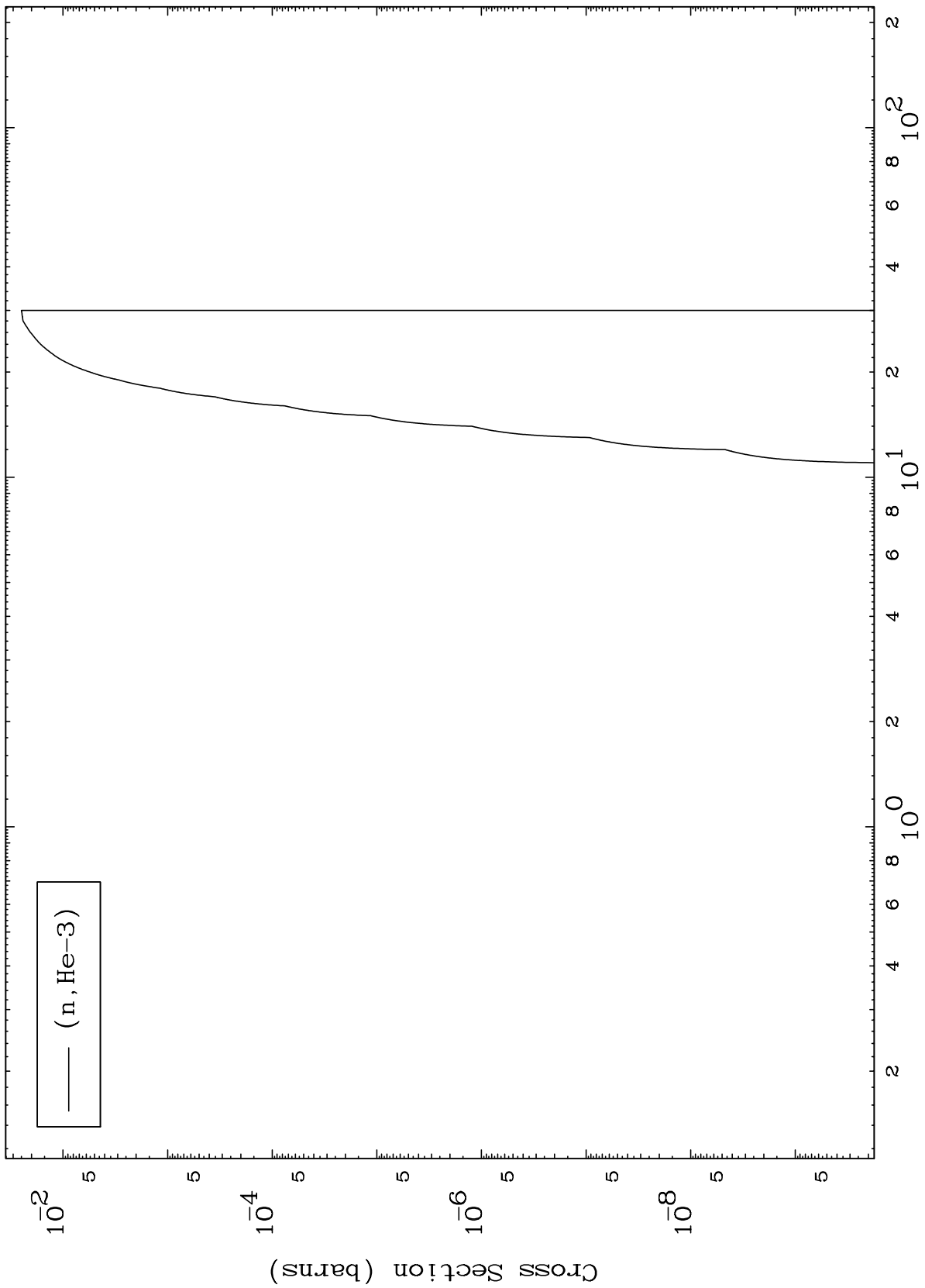
62-Sm-143

MAT 6222

(He-3, He3) Levels

62-Sm-143

0 Kelvin Cross Sections



10

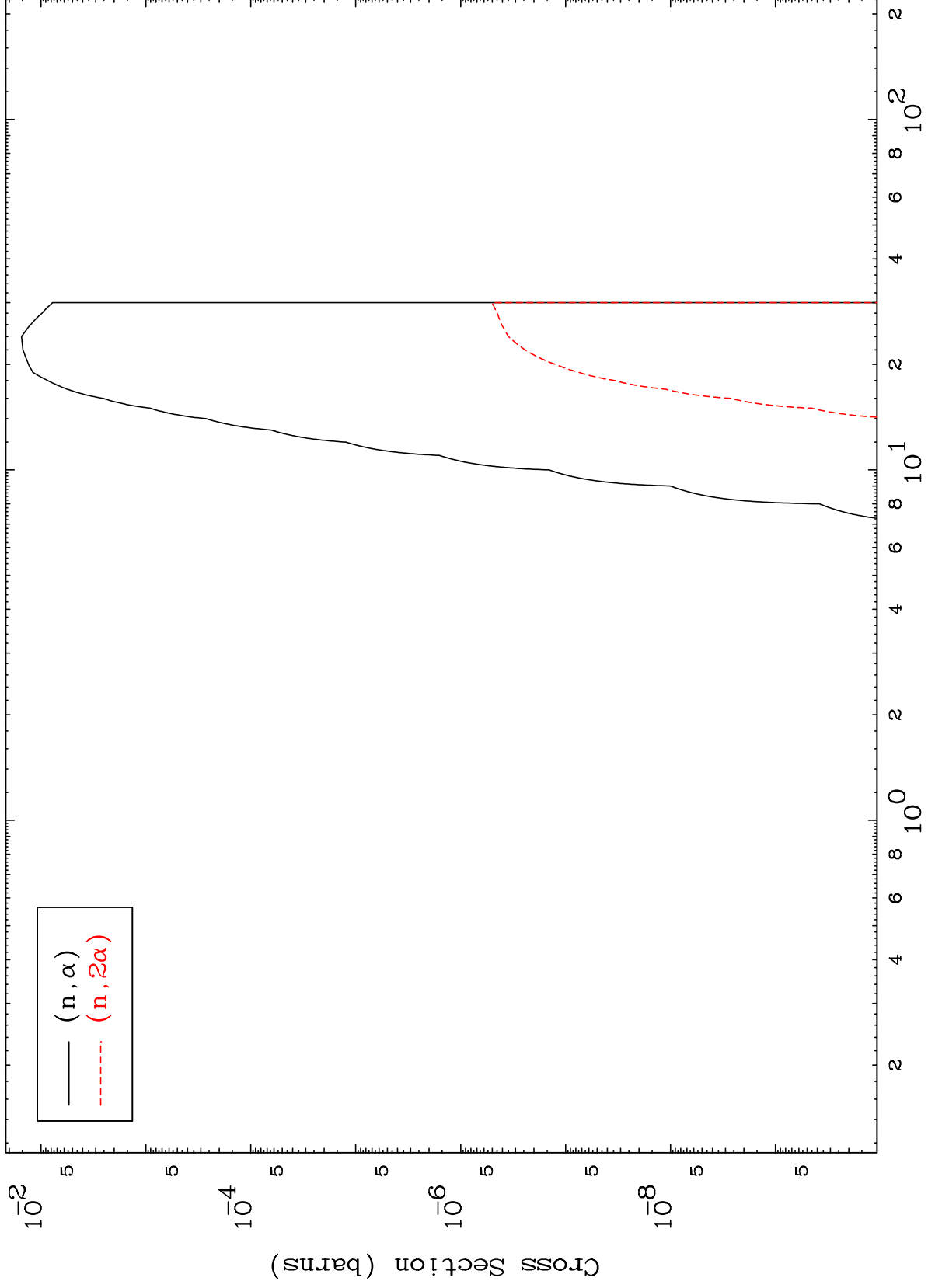
Incident Energy (MeV)

62-Sm-143

MAT 6222

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

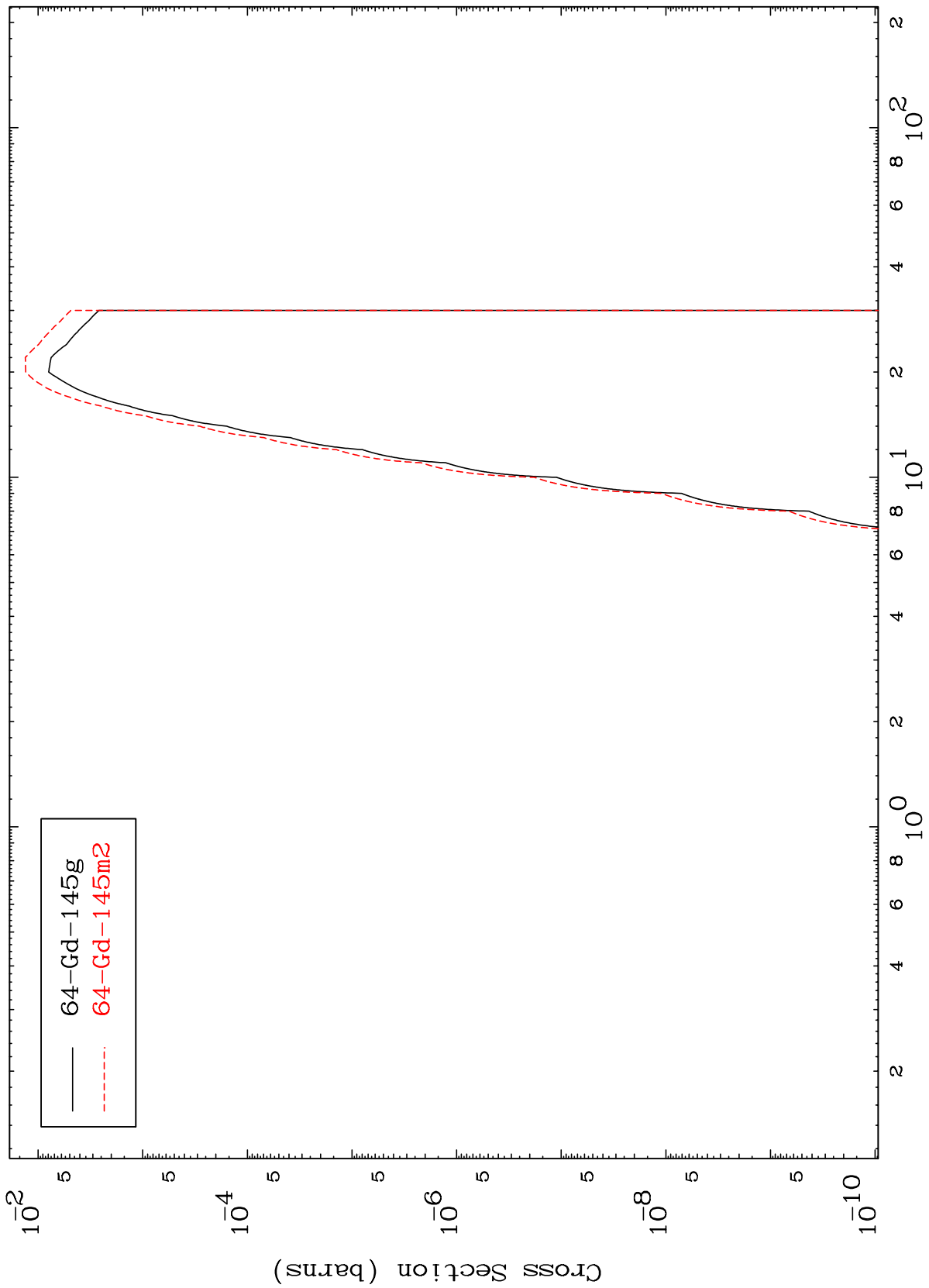
62-Sm-143



MAT 6222

62-Sm-143

Inelastic  
Radionuclide Production Cross Section



64-Gd-145g  
64-Gd-145m2

62-Sm-143

Incident Energy (MeV)

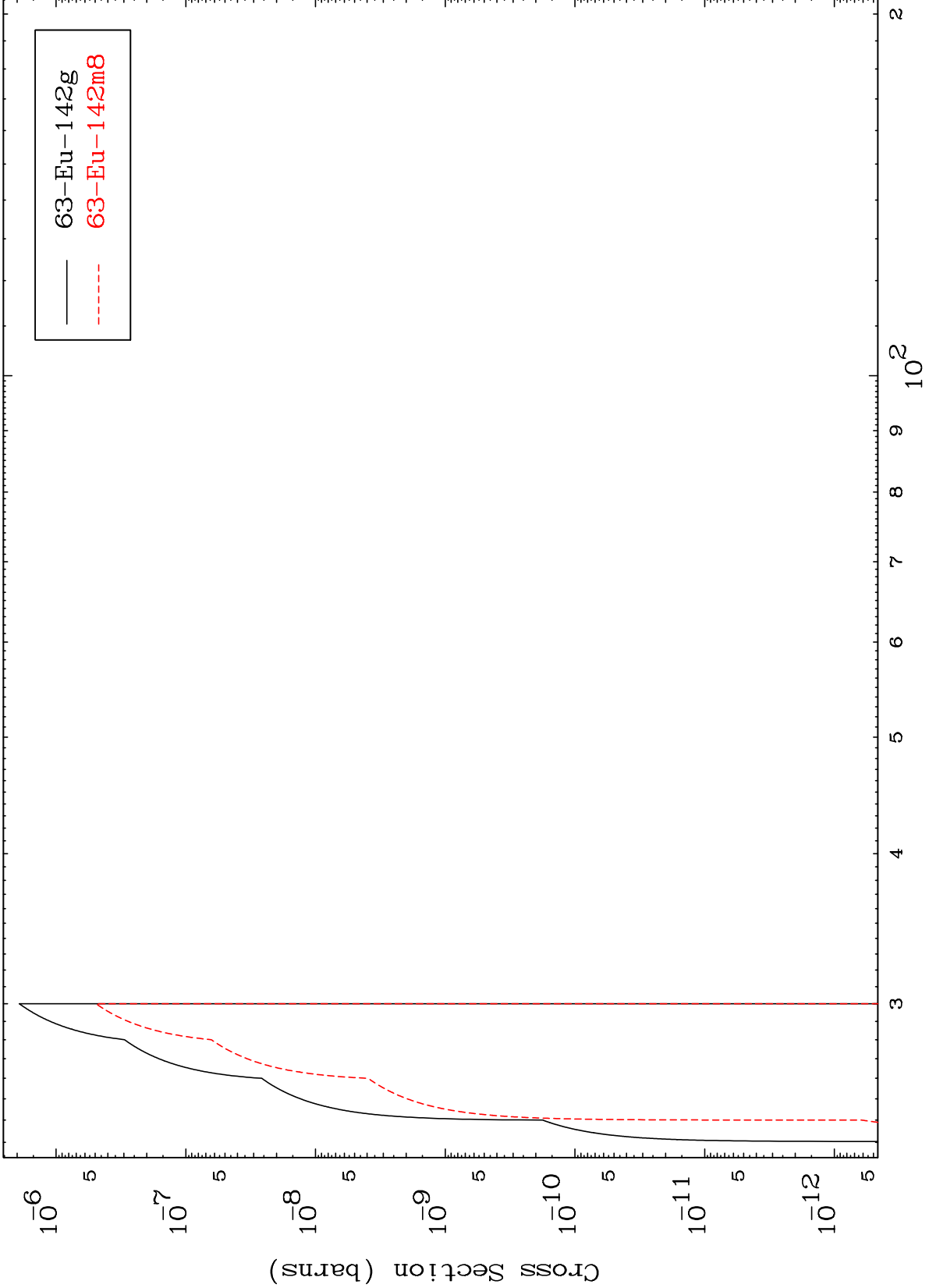
12

MAT 6222

(n,2n) d

62-Sm-143

Radionuclide Production Cross Section



13

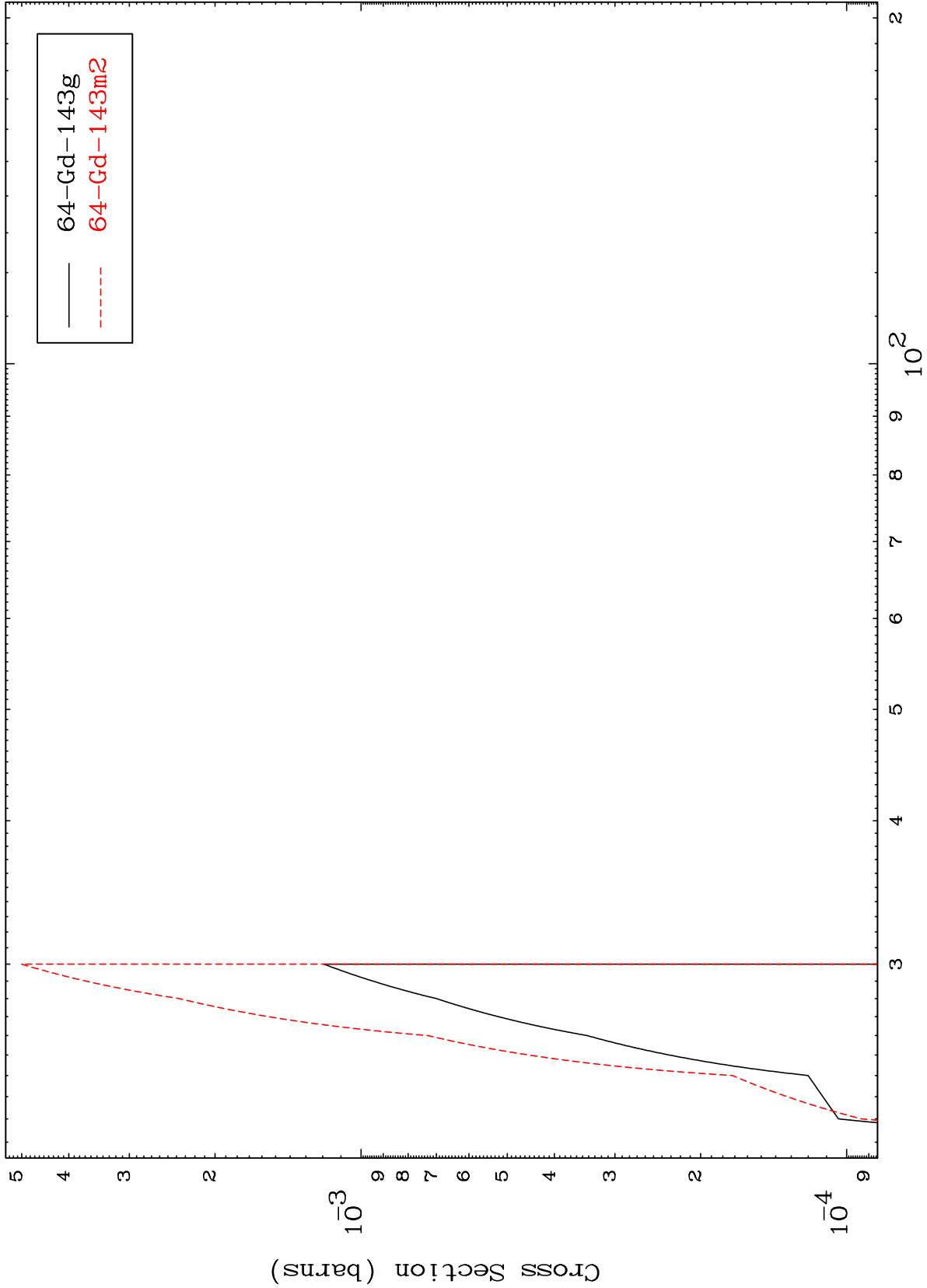
Incident Energy (MeV)

62-Sm-143

MAT 62222

62-Sm-143

(n,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

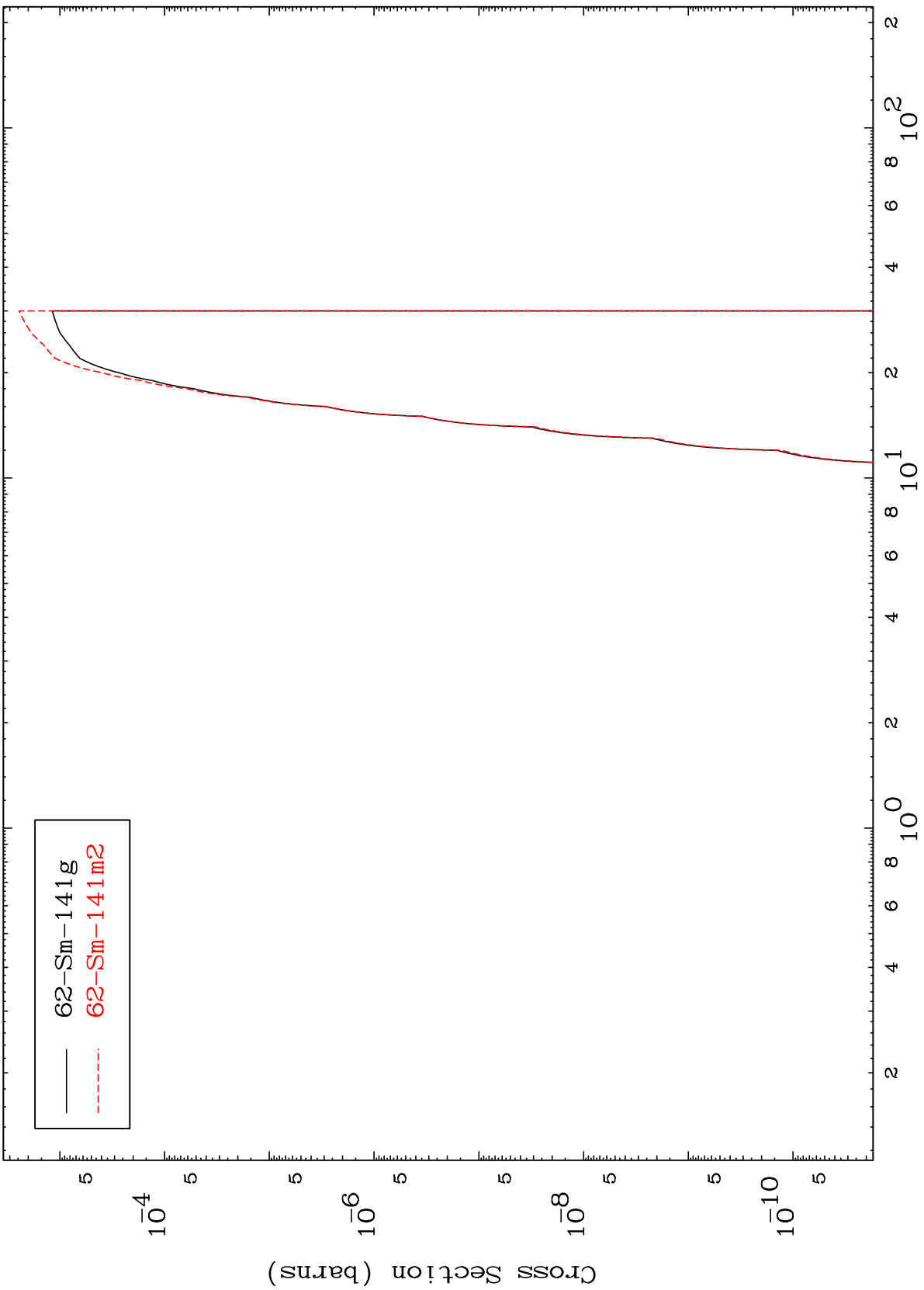
62-Sm-143

MAT 6222

$(n, n')$   $\alpha$

62-Sm-143

Radionuclide Production Cross Section



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

15

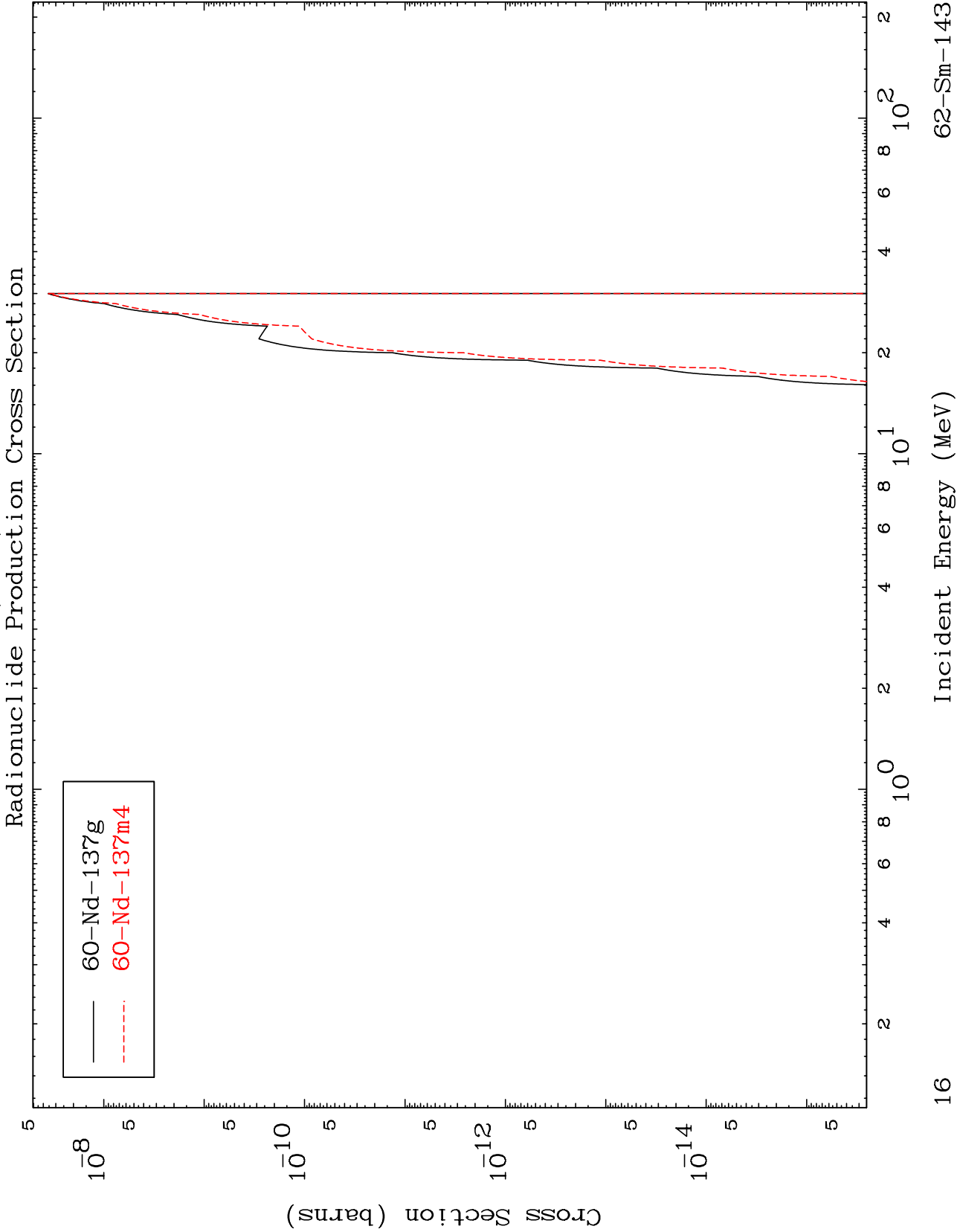
Incident Energy (MeV)

62-Sm-143

MAT 6222

(n,n') 2 $\alpha$

62-Sm-143



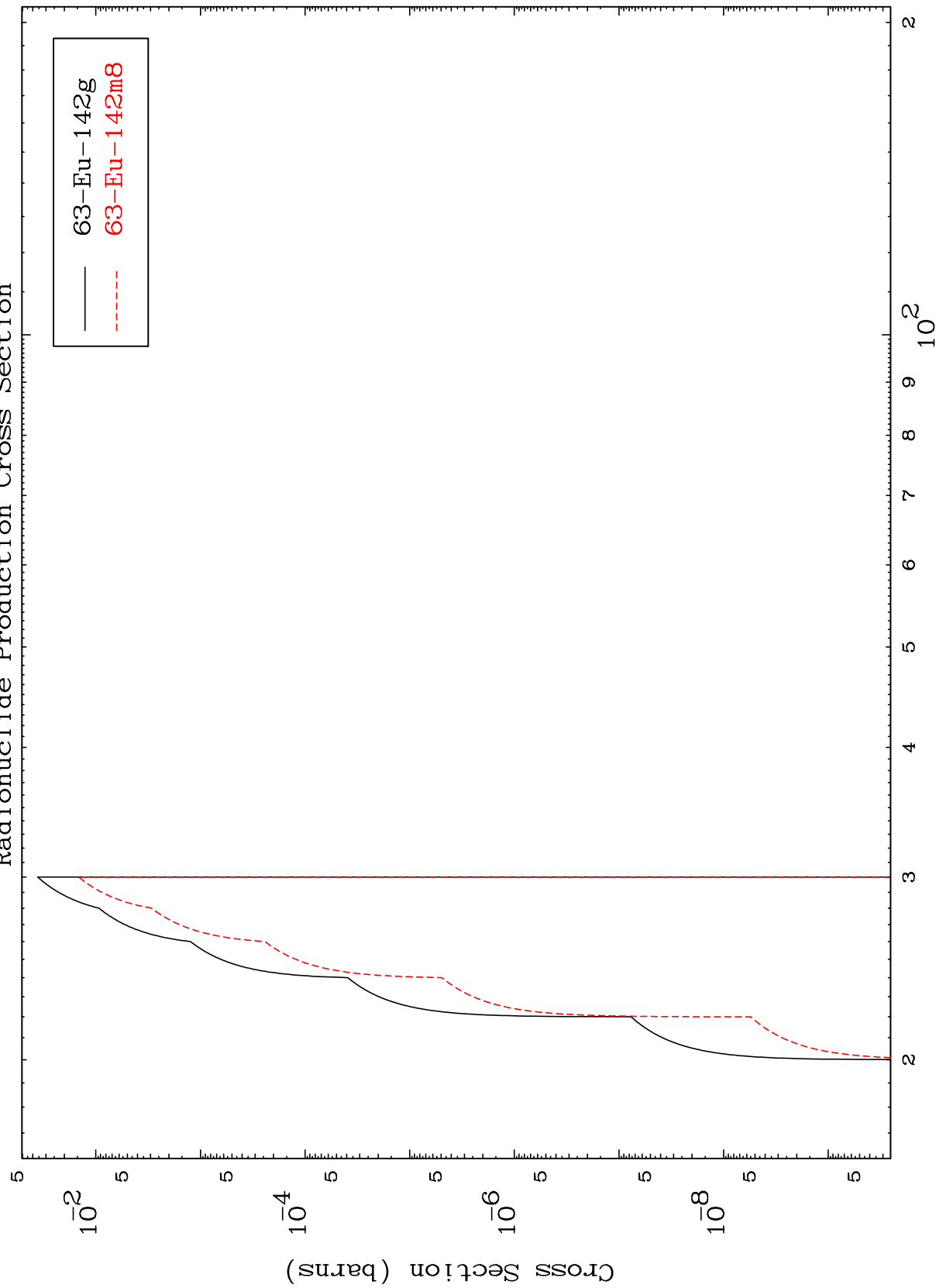
60-Nd-137g  
60-Nd-137m4

MAT 6222

(n,n') t

62-Sm-143

Radionuclide Production Cross Section



17

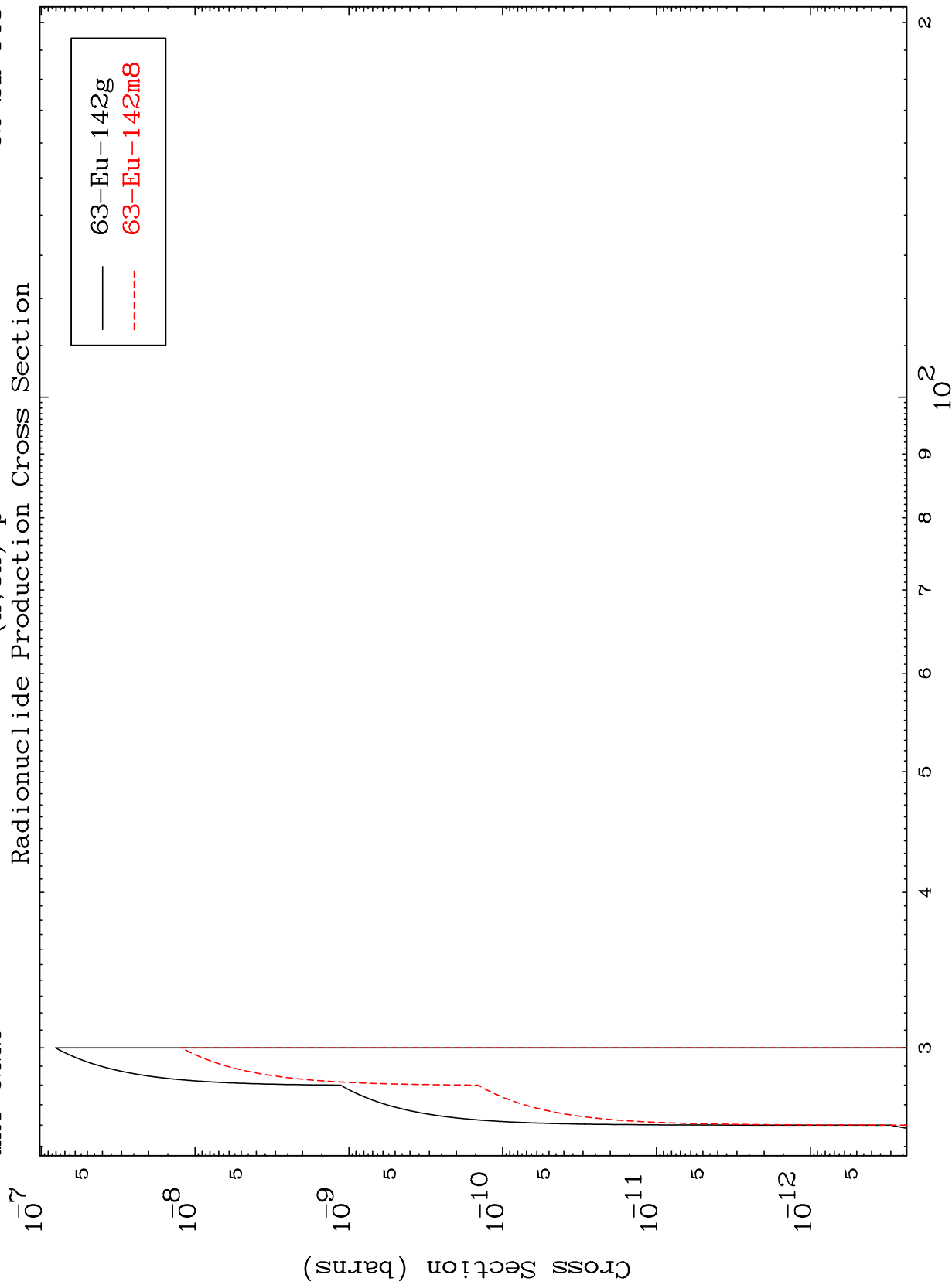
Incident Energy (MeV)

62-Sm-143

MAT 6222

62-Sm-143

(n,3n) p  
Radionuclide Production Cross Section



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

62-Sm-143

Incident Energy (MeV)

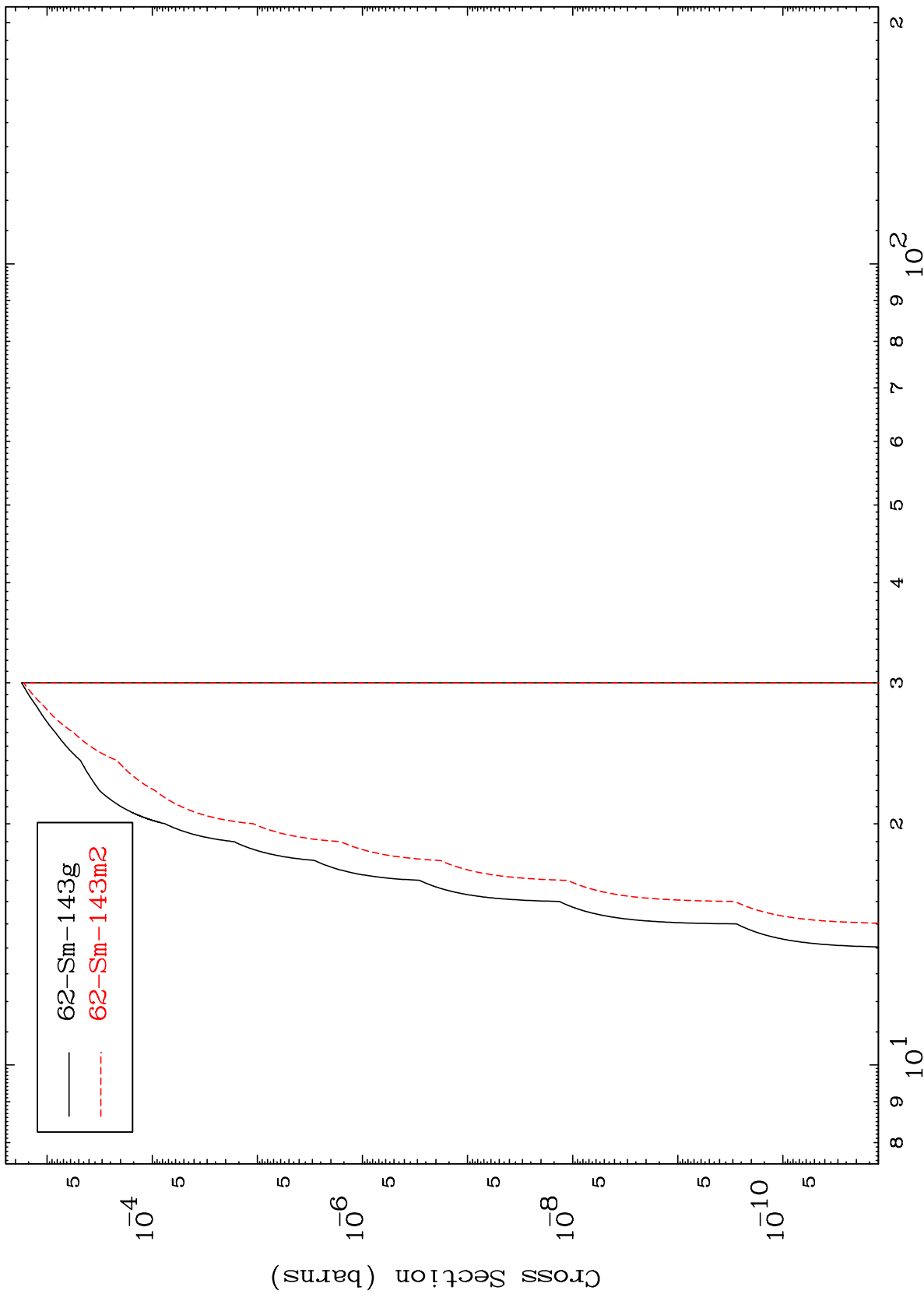
18

MAT 6222

(n,2n) p

62-Sm-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

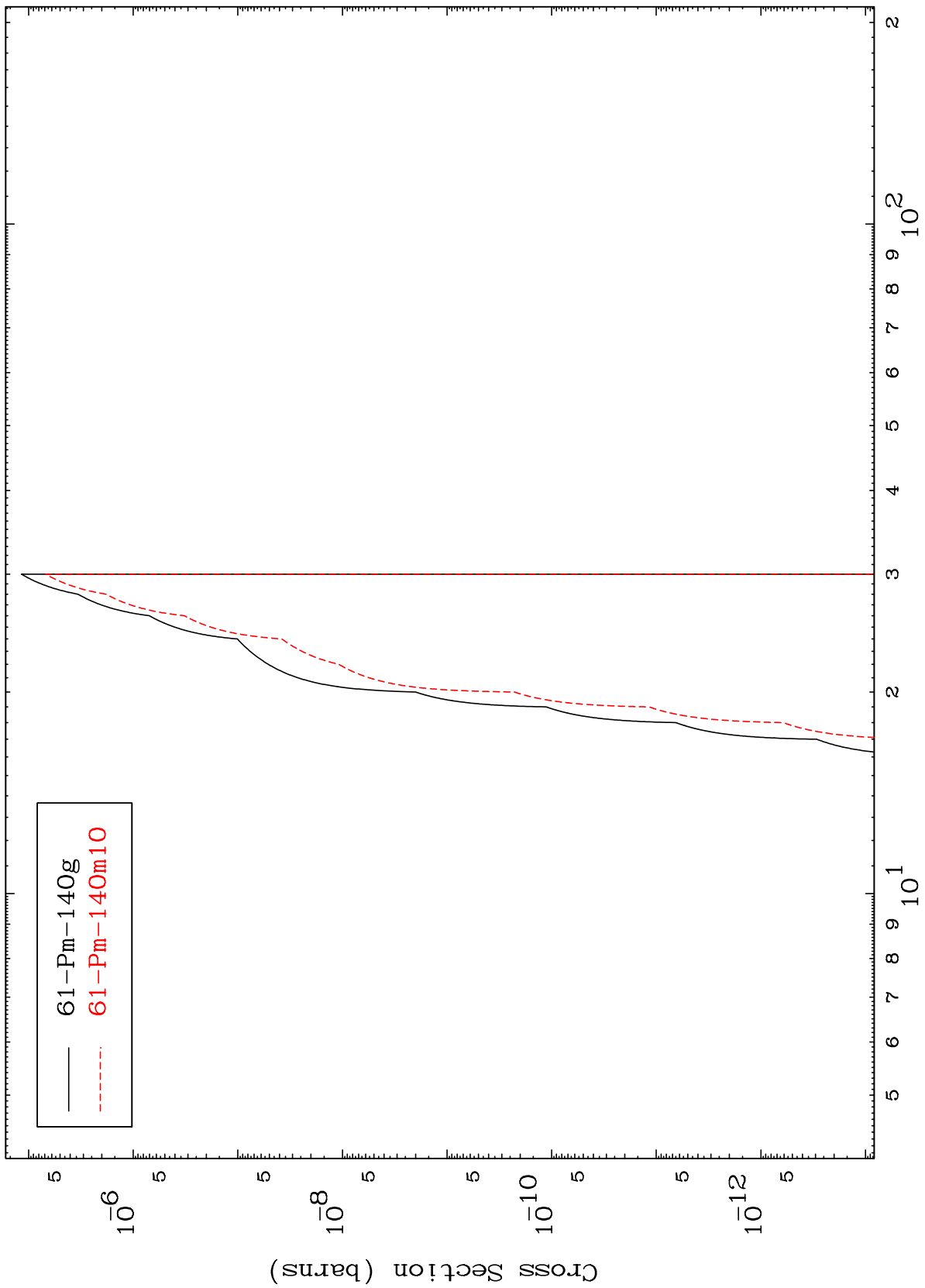
62-Sm-143

MAT 6222

(n,n') p  $\alpha$

62-Sm-143

Radionuclide Production Cross Section



20

Incident Energy (MeV)

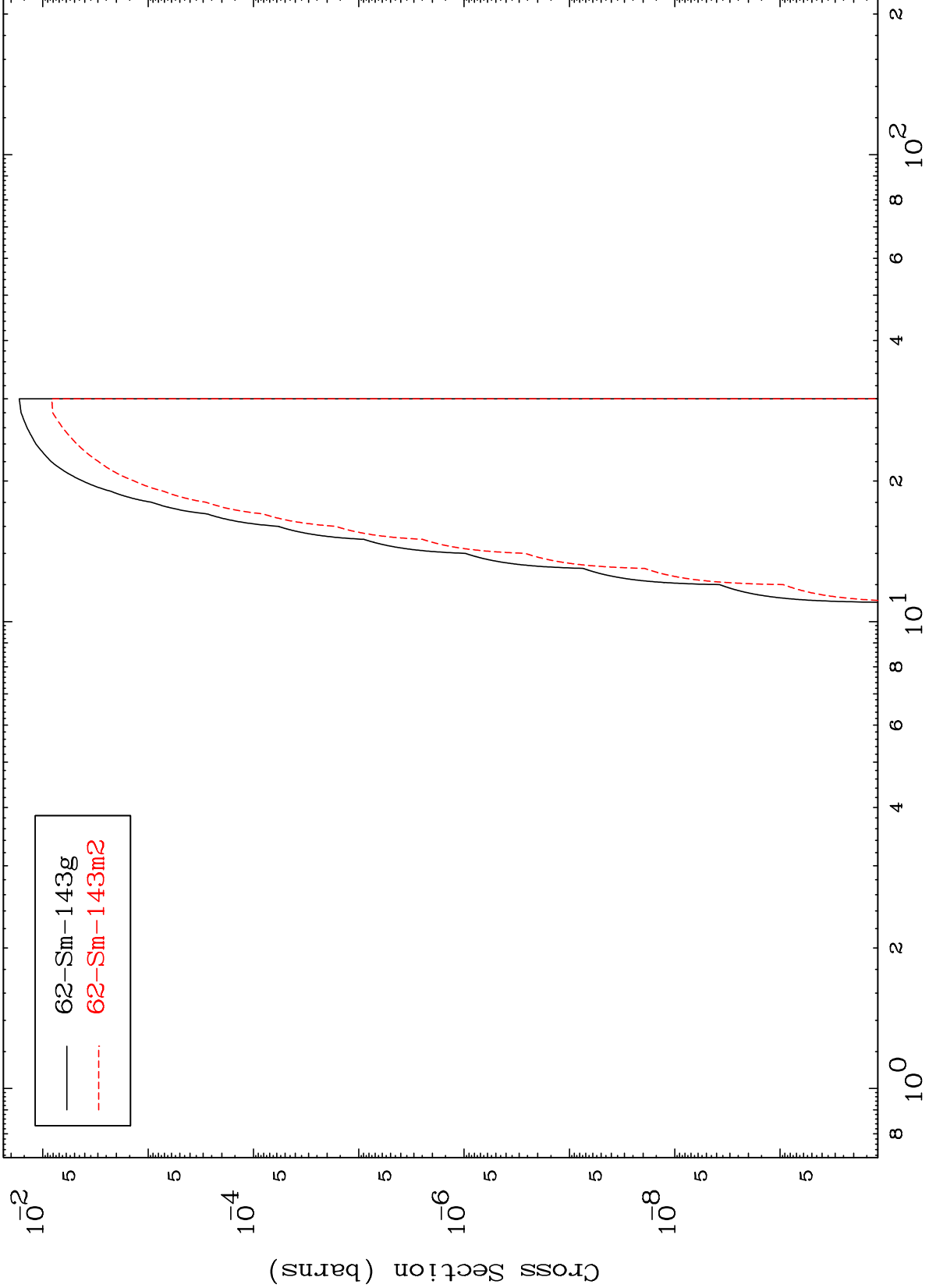
62-Sm-143

MAT 6222

(n,He-3)

62-Sm-143

Radionuclide Production Cross Section

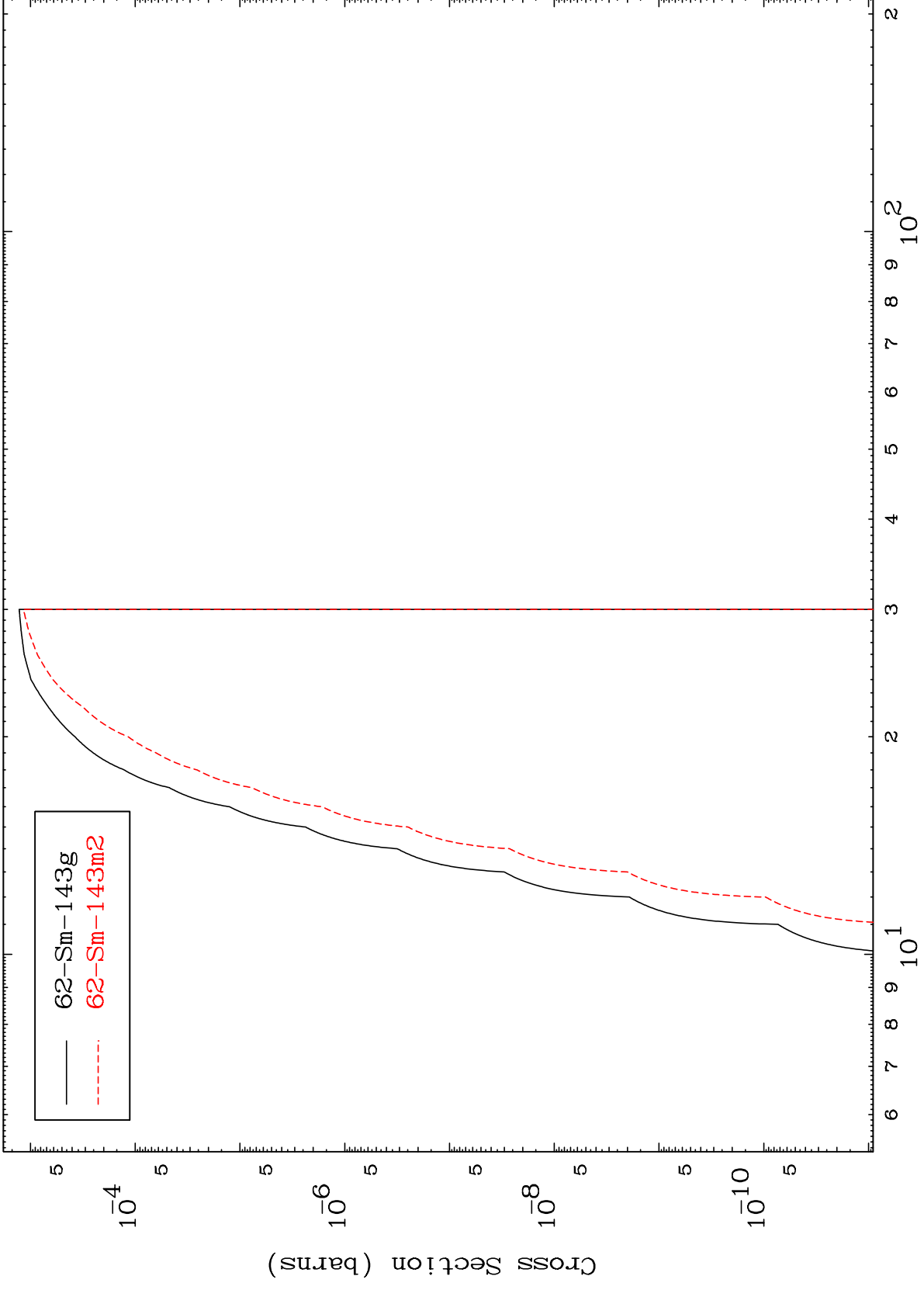


MAT 6222

(n,p) d

62-Sm-143

Radionuclide Production Cross Section



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

22

Incident Energy (MeV)

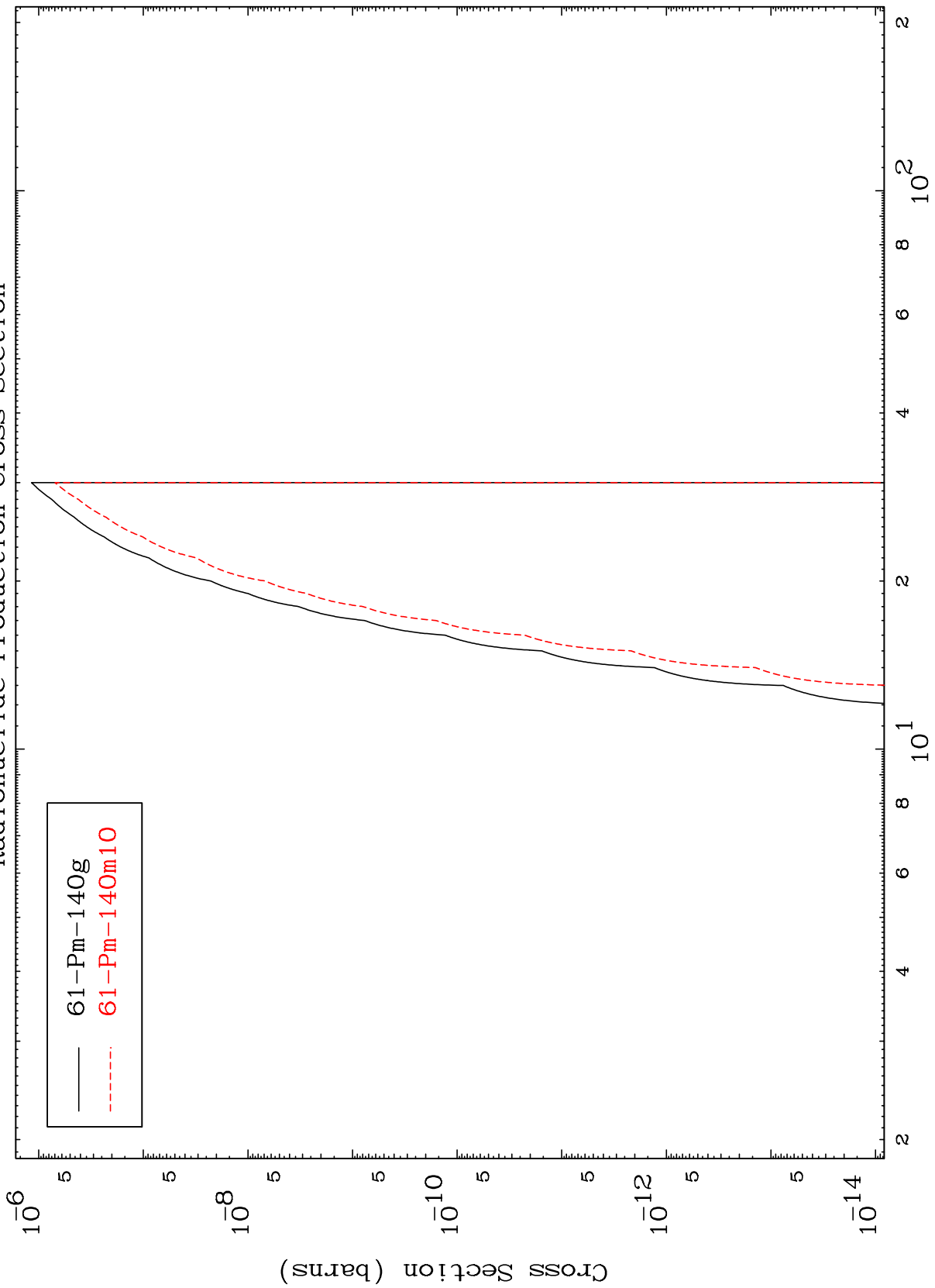
62-Sm-143

MAT 6222

(n,d)  $\alpha$

62-Sm-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

62-Sm-143