

Program EVALPLOT
(Version 2021-1)

by

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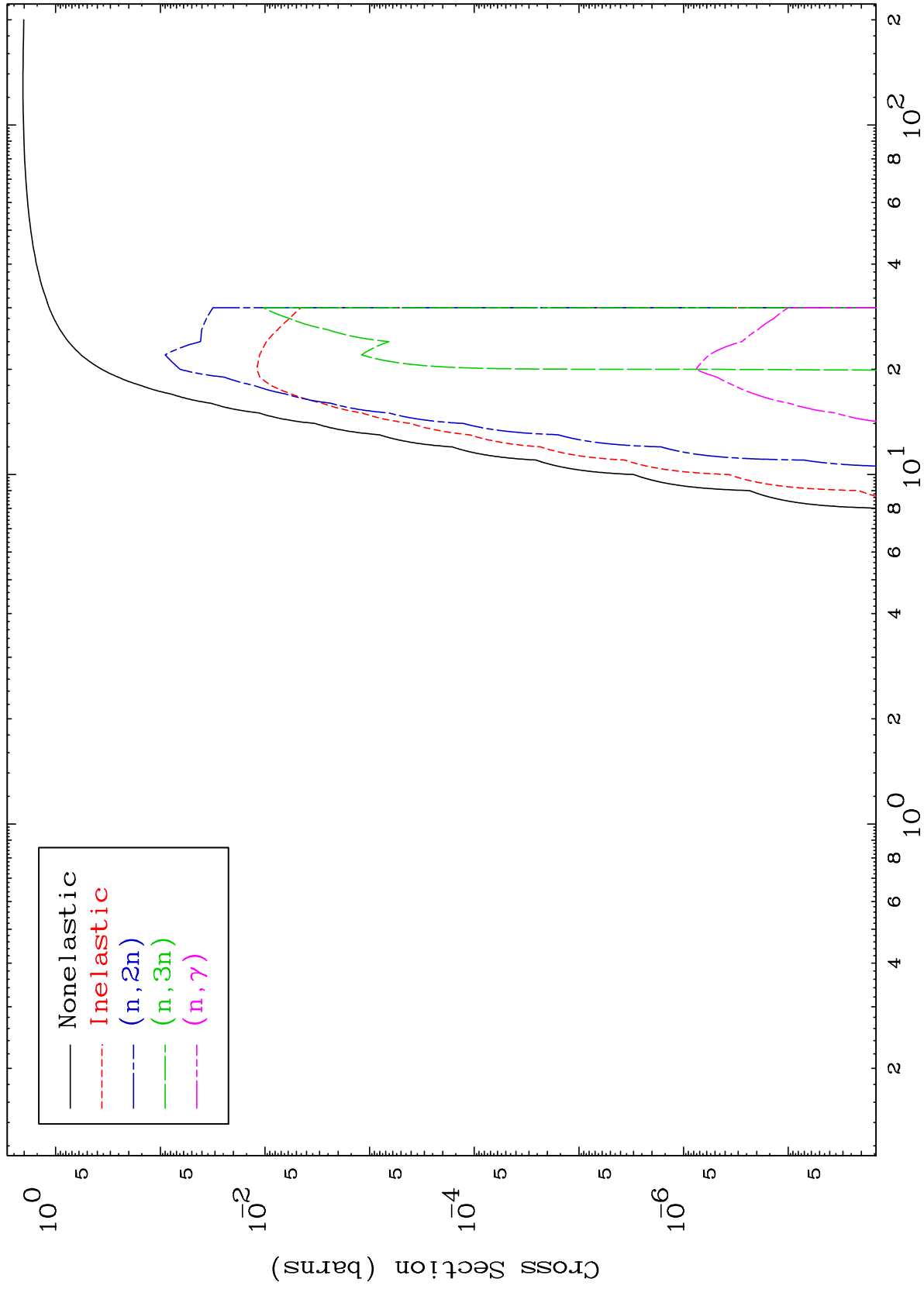
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6225

He-3 Major
0 Kelvin Cross Sections

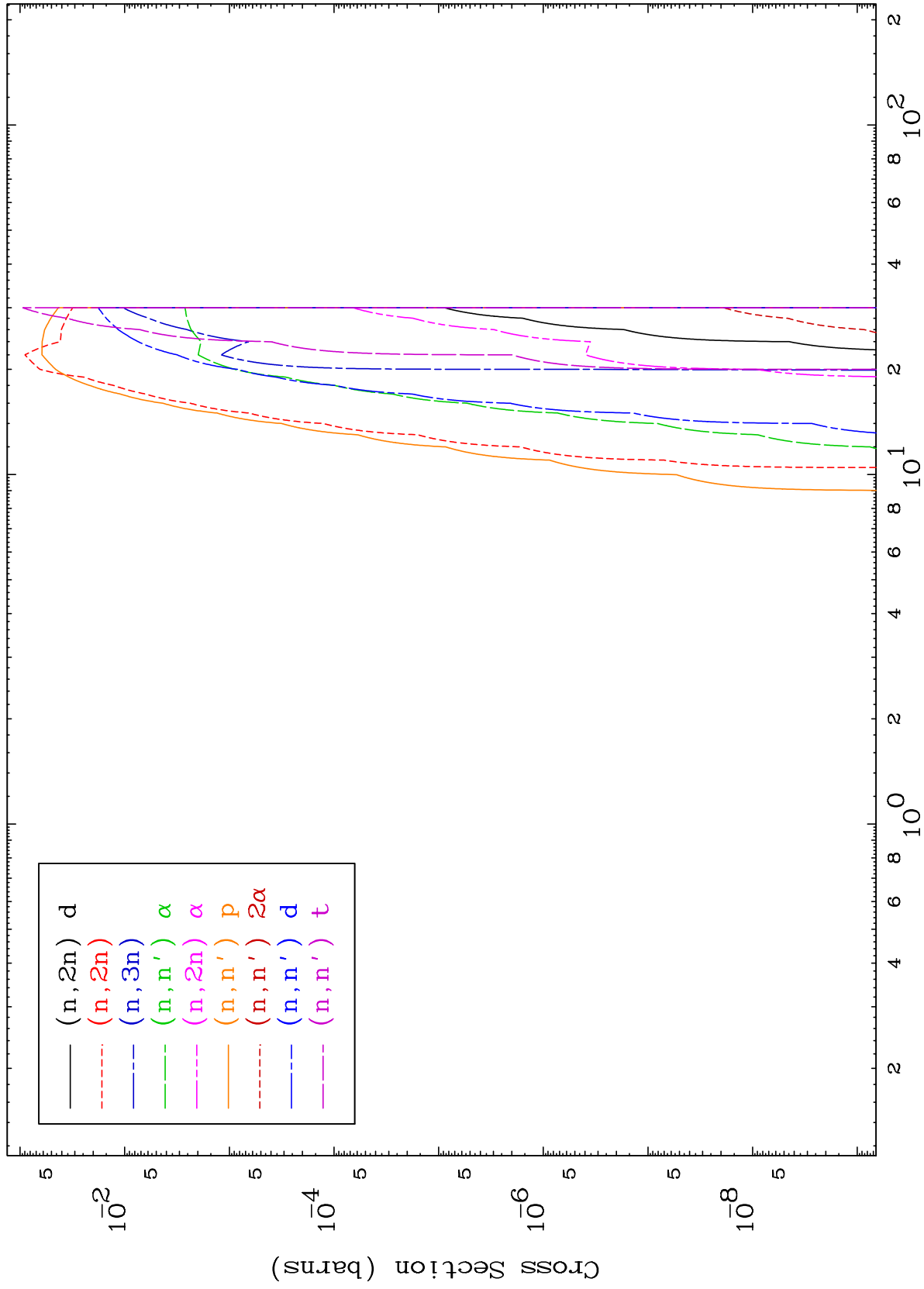
62-Sm-144



MAT 6225

He-3 Neutron Absorption
0 Kelvin Cross Sections

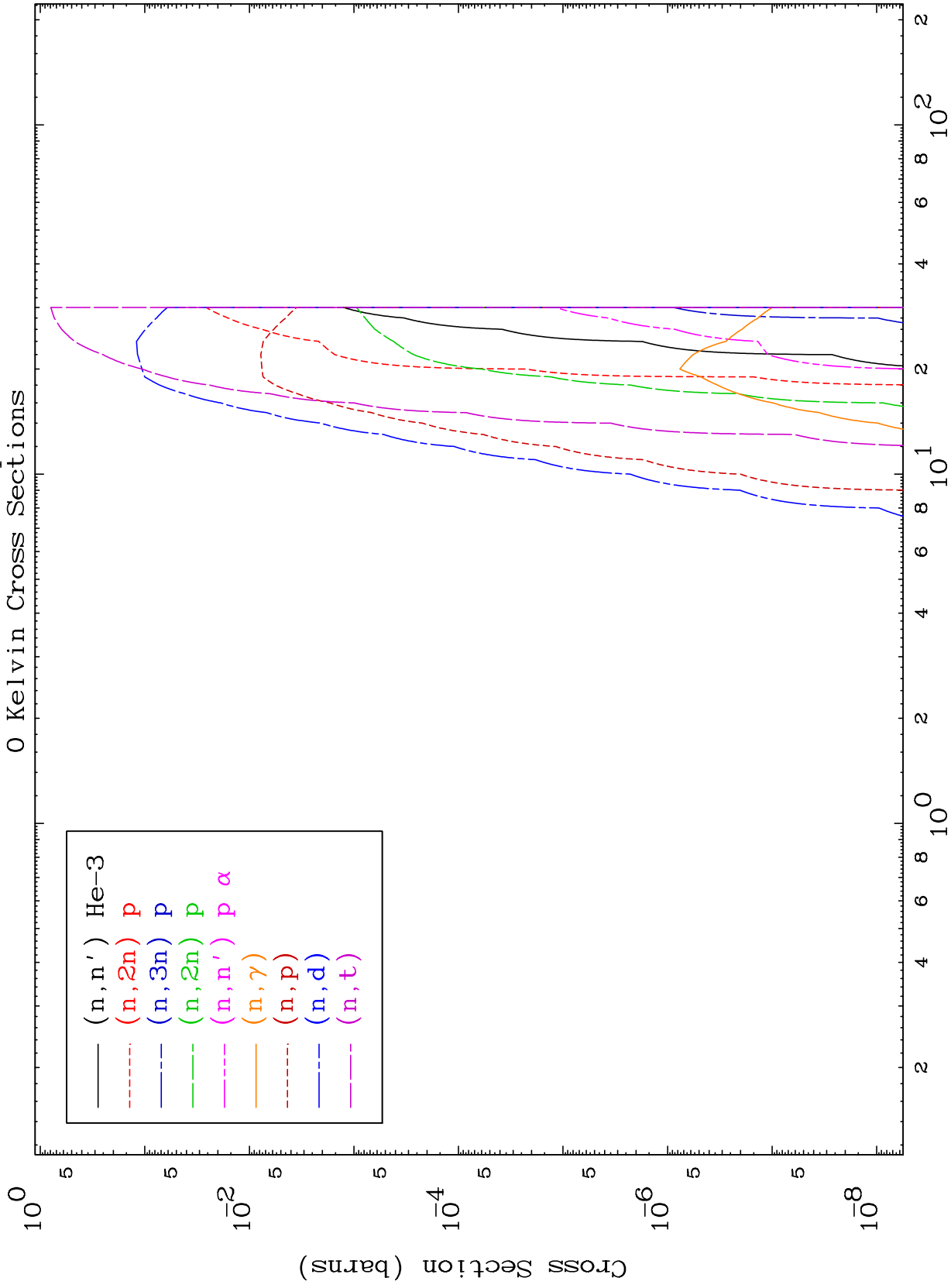
62-Sm-144



MAT 6225

He-3 Neutron Absorption
0 Kelvin Cross Sections

62-Sm-144



3

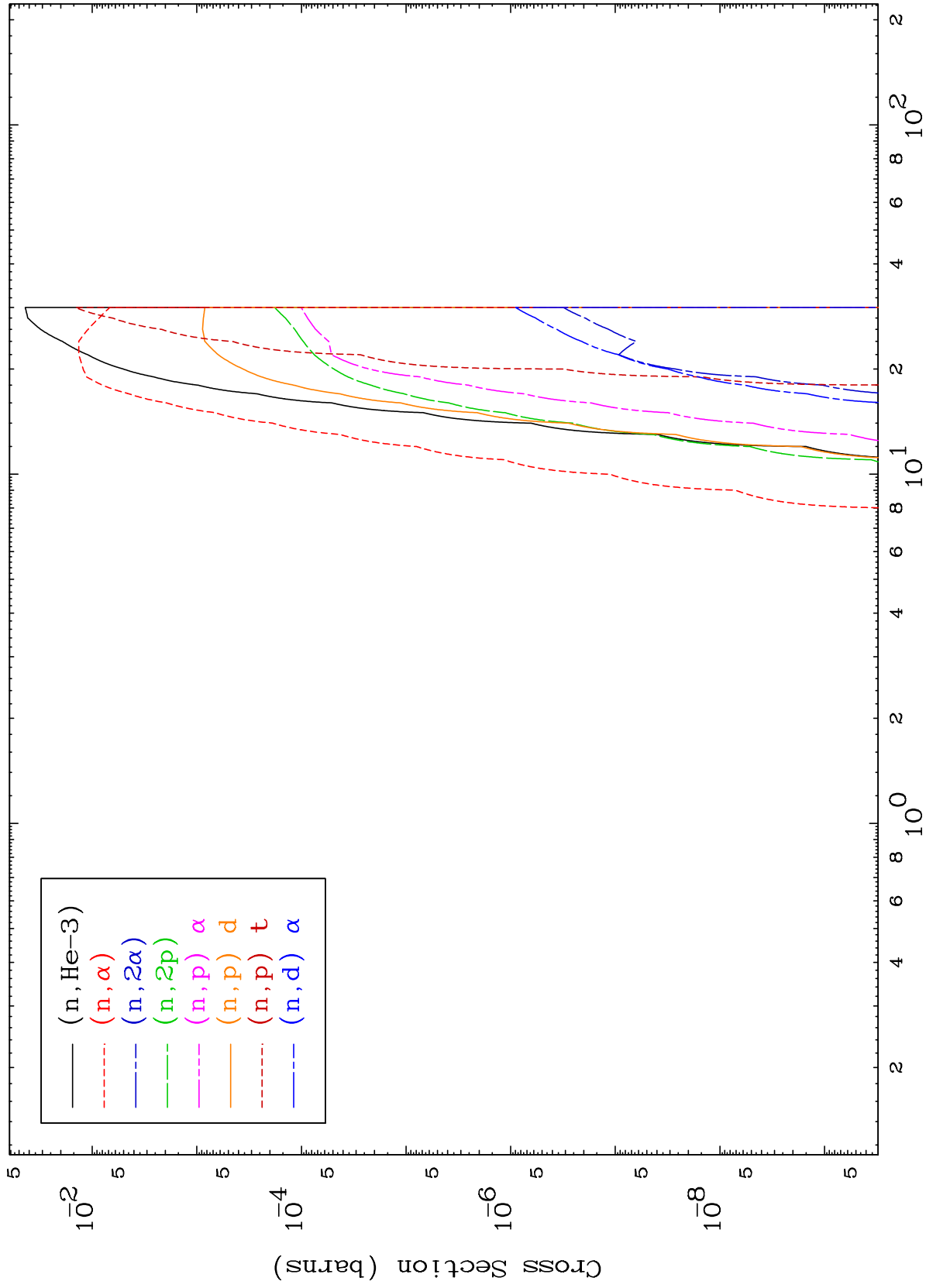
Incident Energy (MeV)

62-Sm-144

MAT 6225

He-3 Neutron Absorption
0 Kelvin Cross Sections

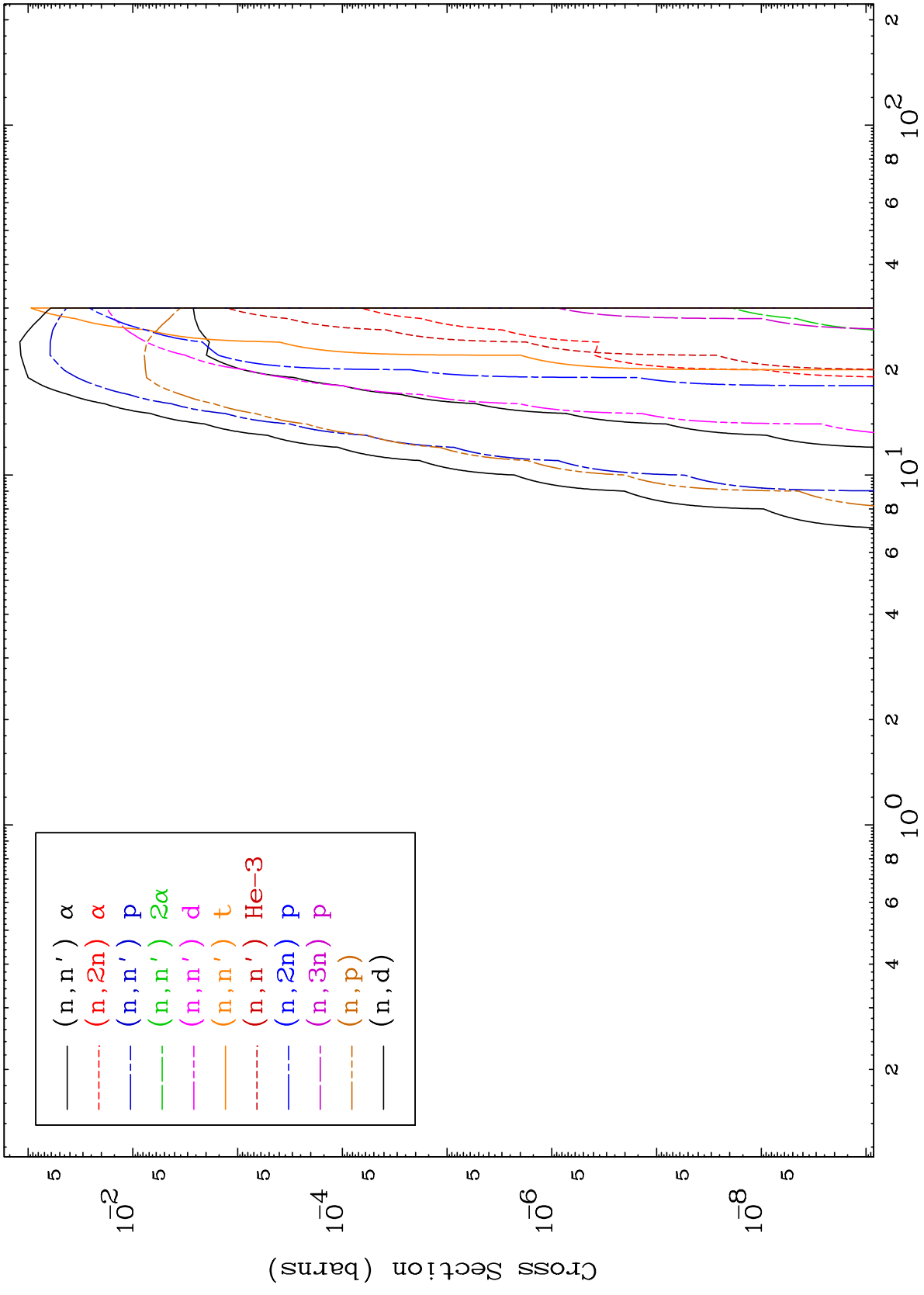
62-Sm-144



MAT 6225

He-3 Charged Particle
0 Kelvin Cross Sections

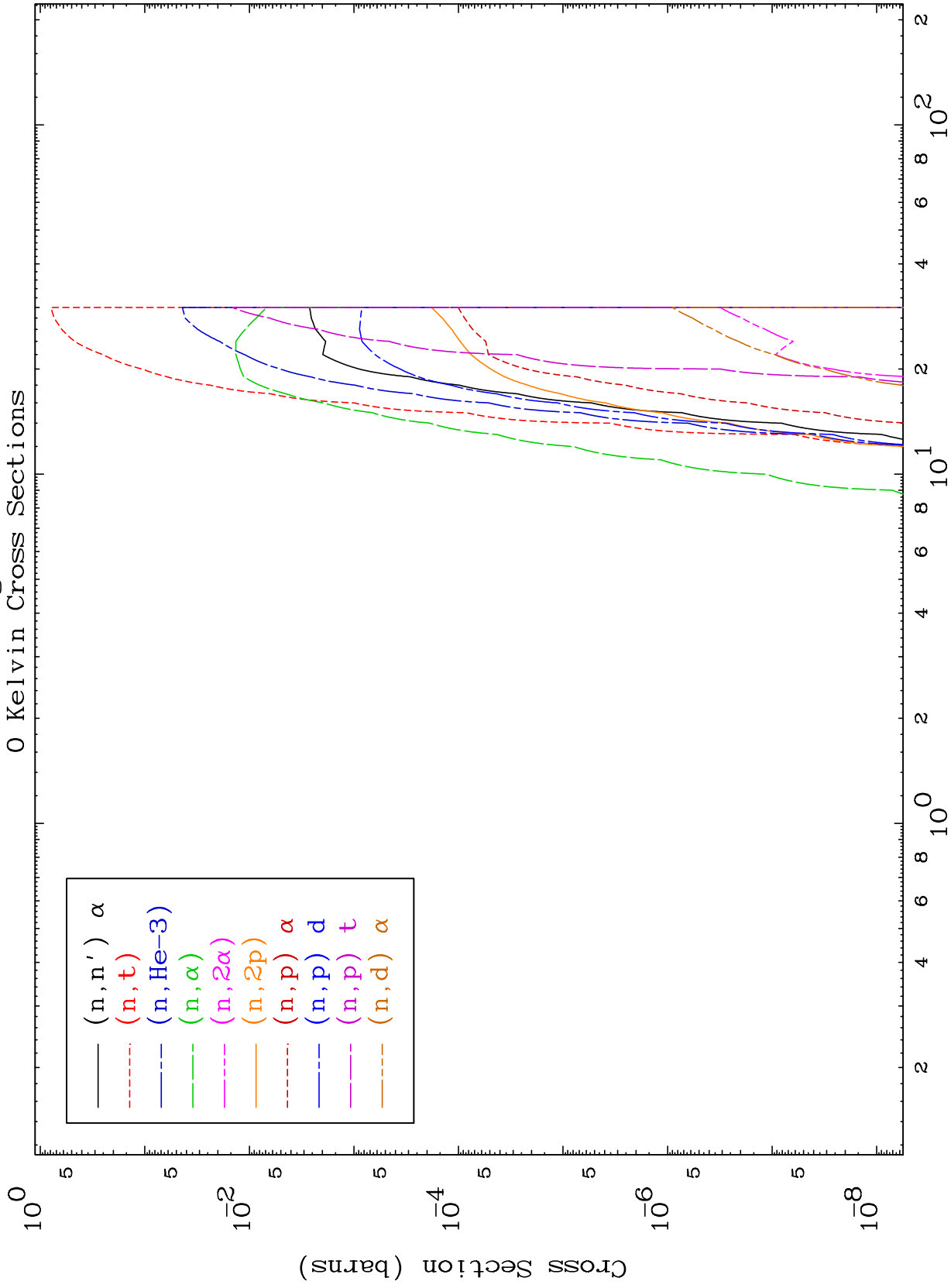
62-Sm-144



MAT 6225

He-3 Charged Particle
0 Kelvin Cross Sections

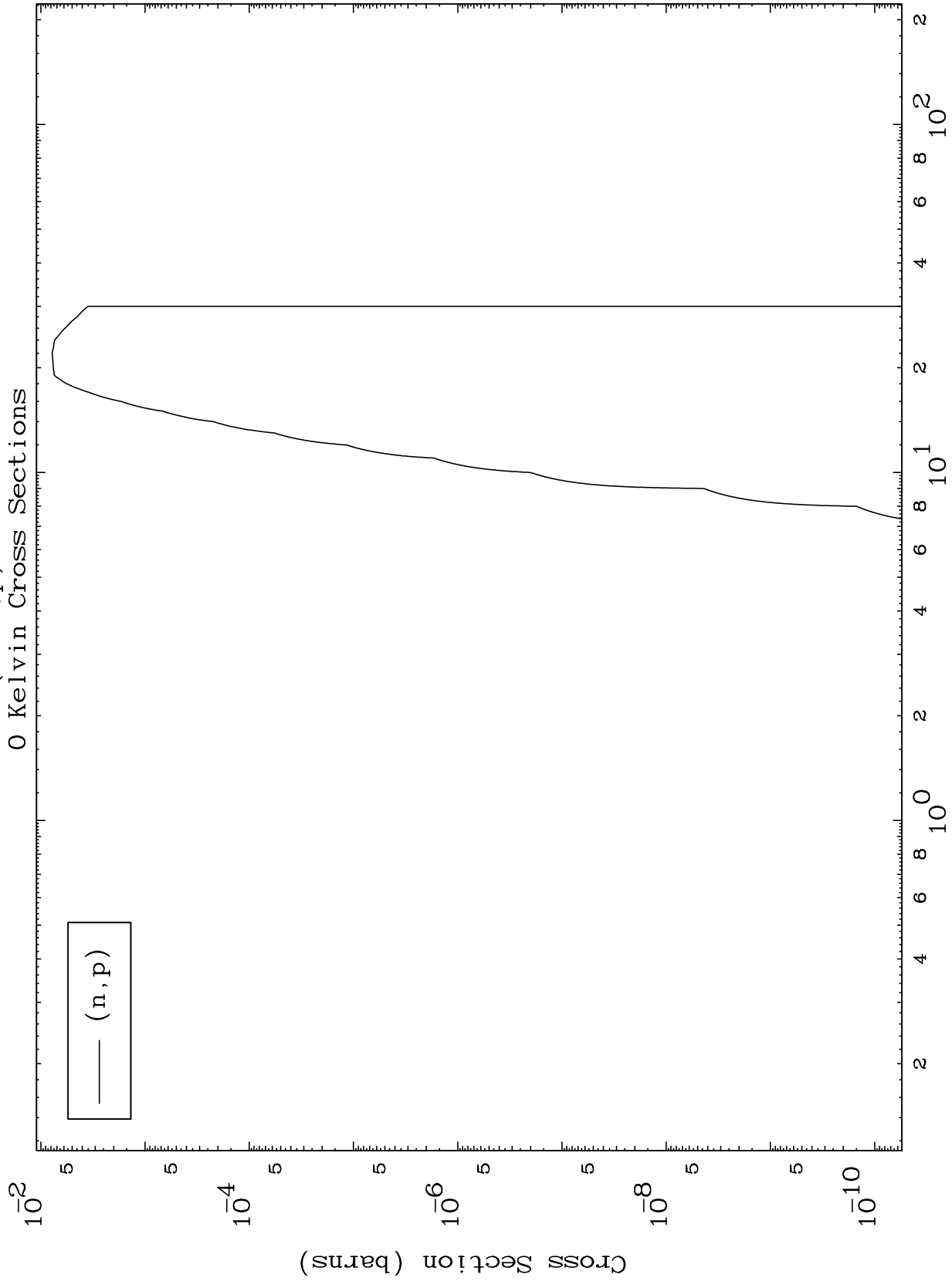
62-Sm-144



MAT 6225

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

62-Sm-144

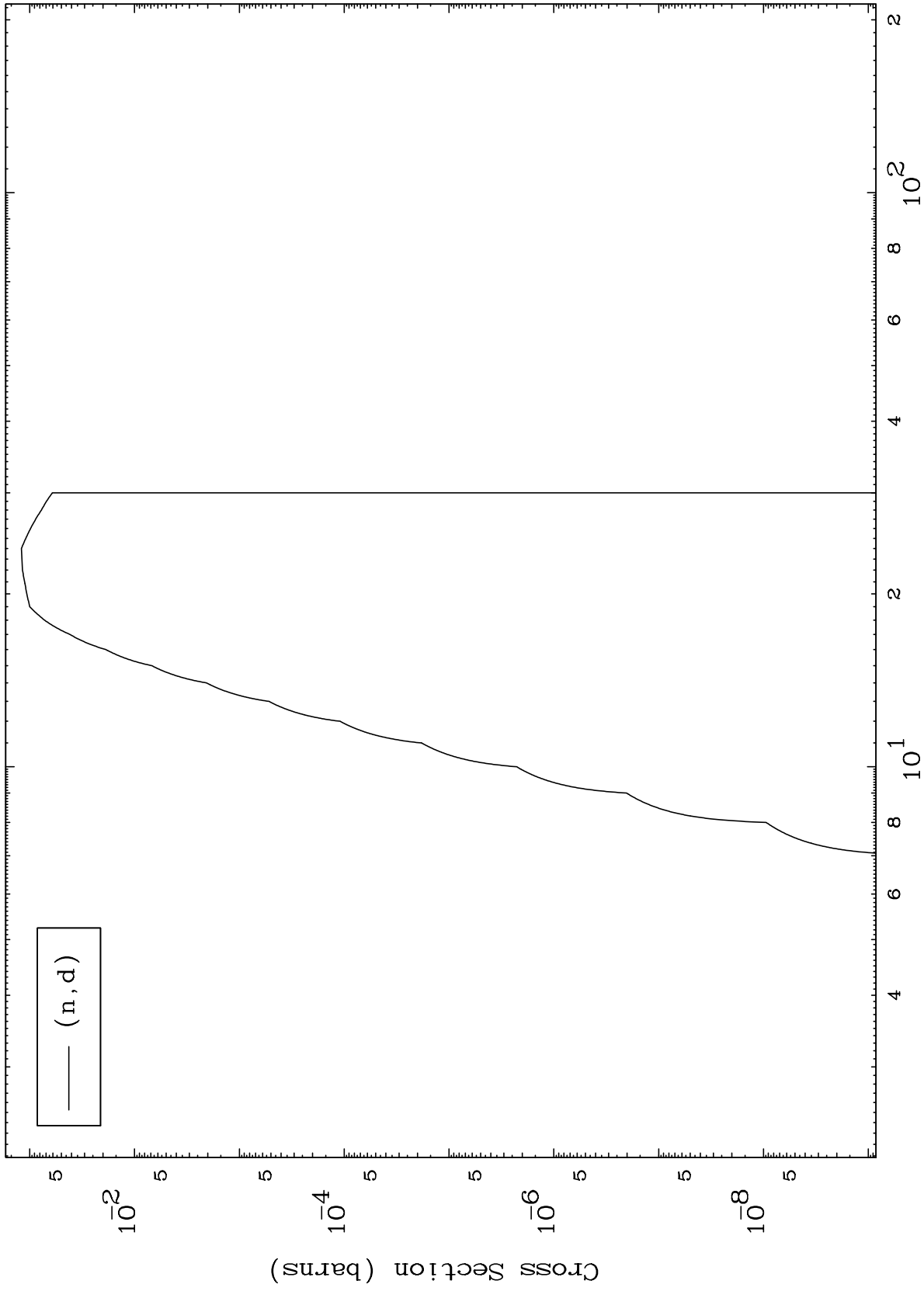


62-Sm-144

MAT 6225

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

62-Sm-144



8

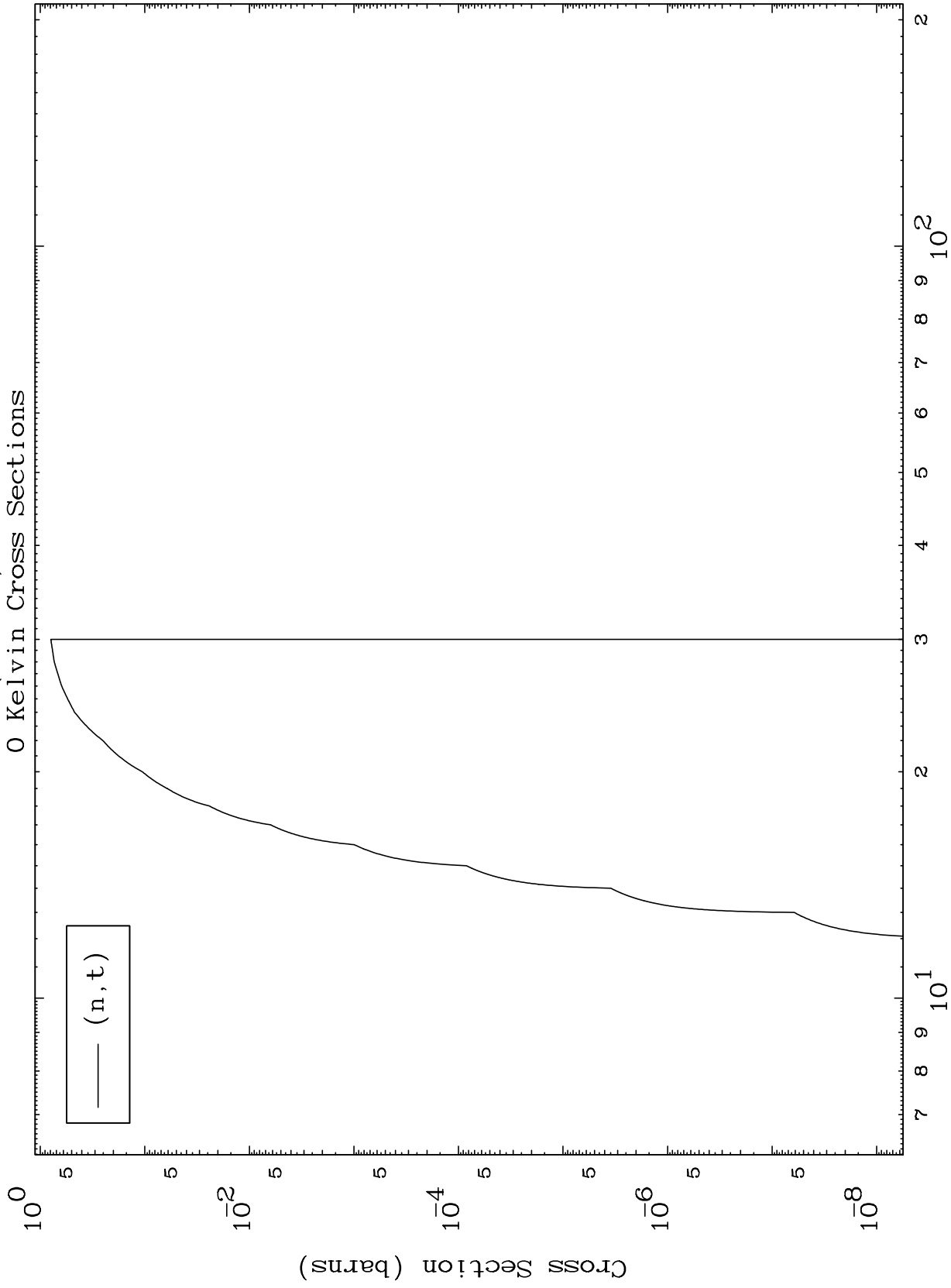
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

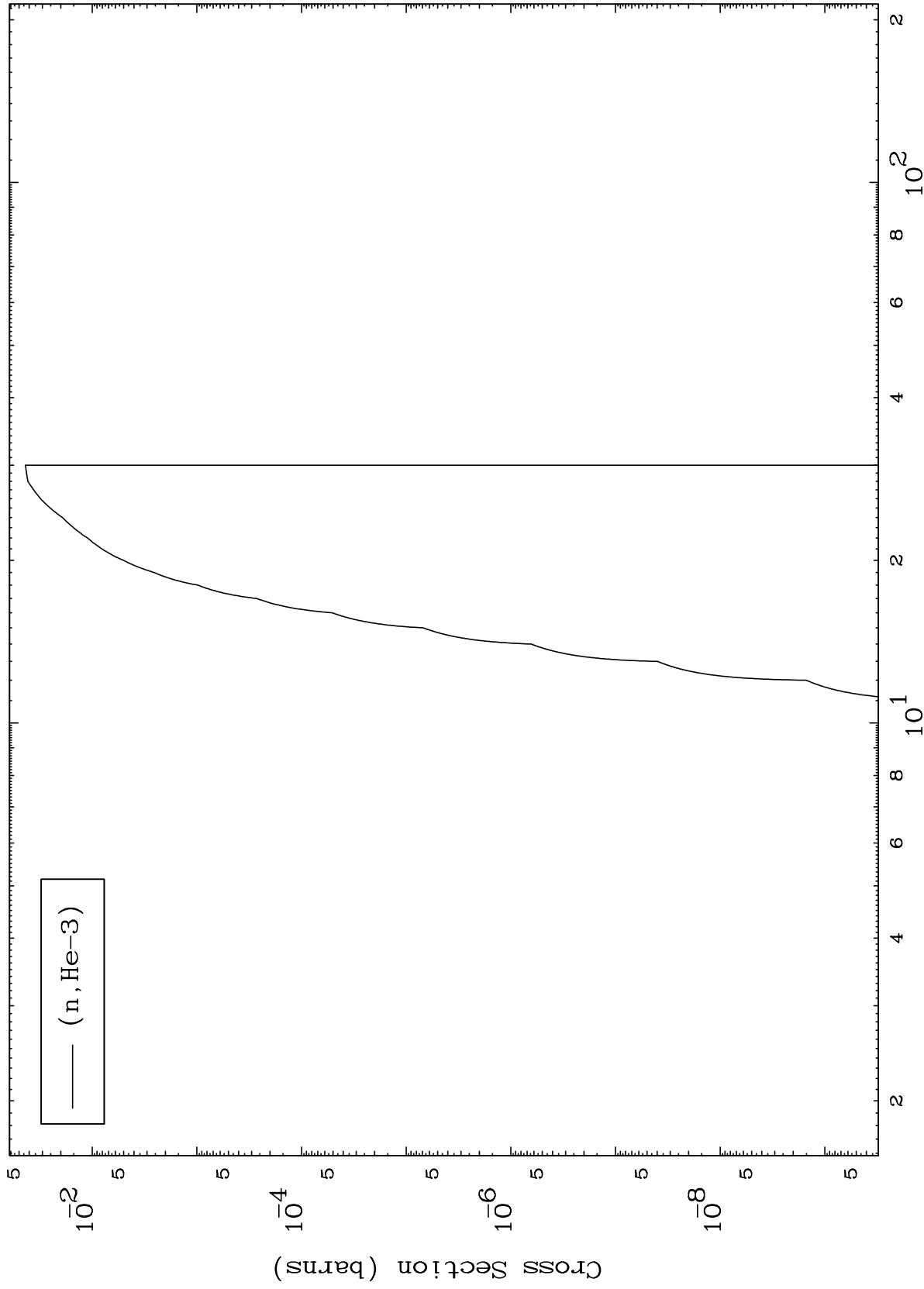
62-Sm-144



MAT 6225

(He-3, He3) Levels
0 Kelvin Cross Sections

62-Sm-144



10

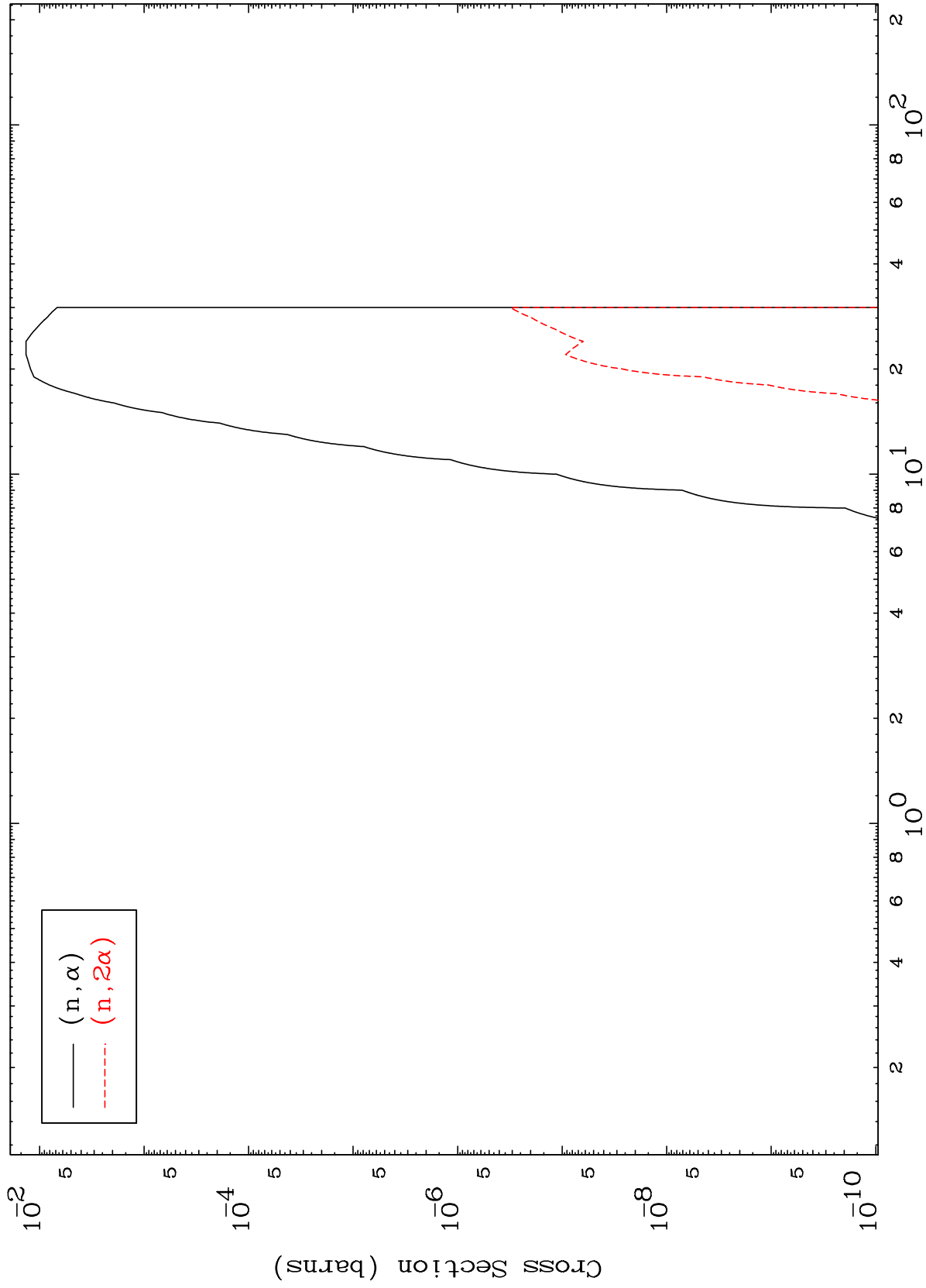
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



11

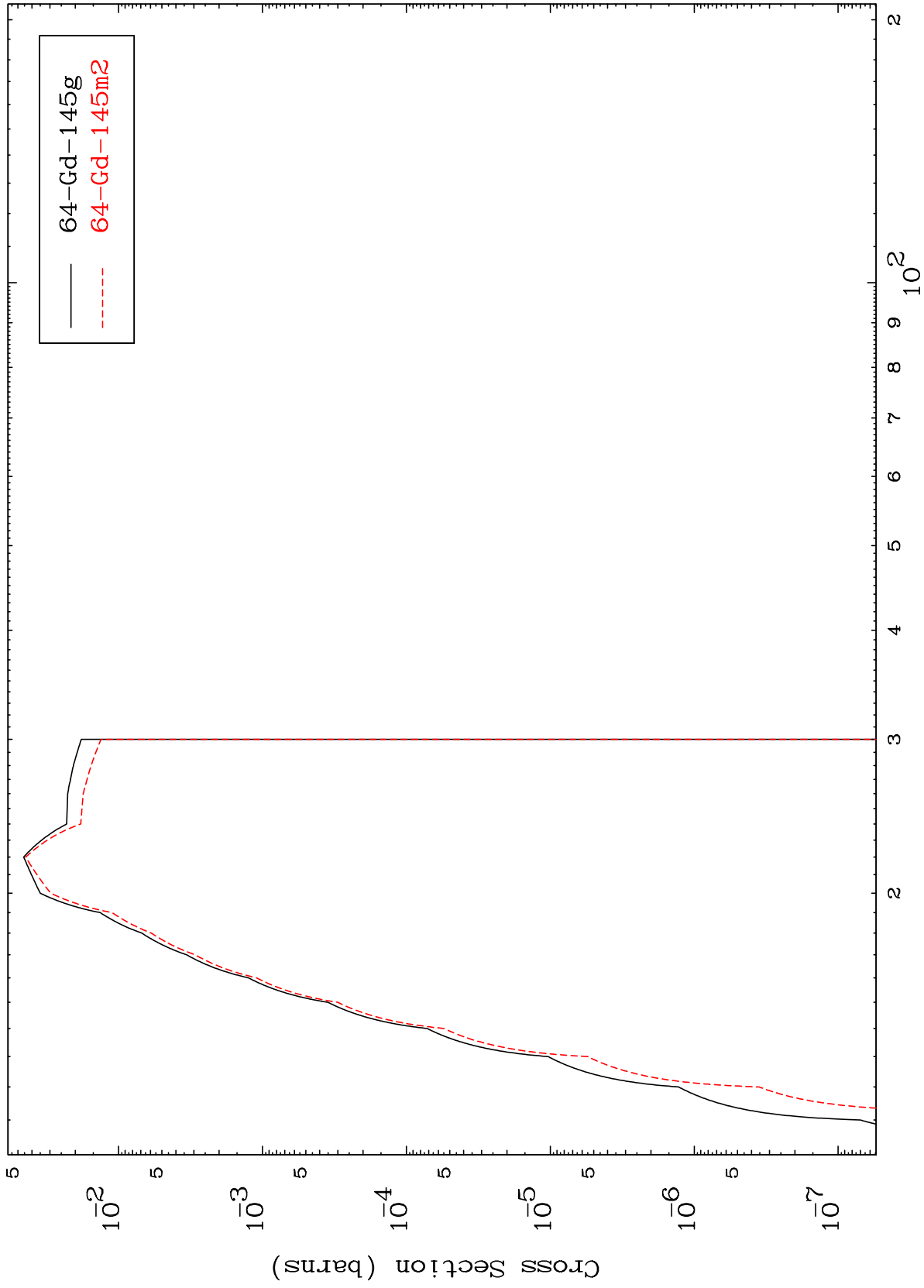
Incident Energy (MeV)

62-Sm-144

MAT 6225

62-Sm-144

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

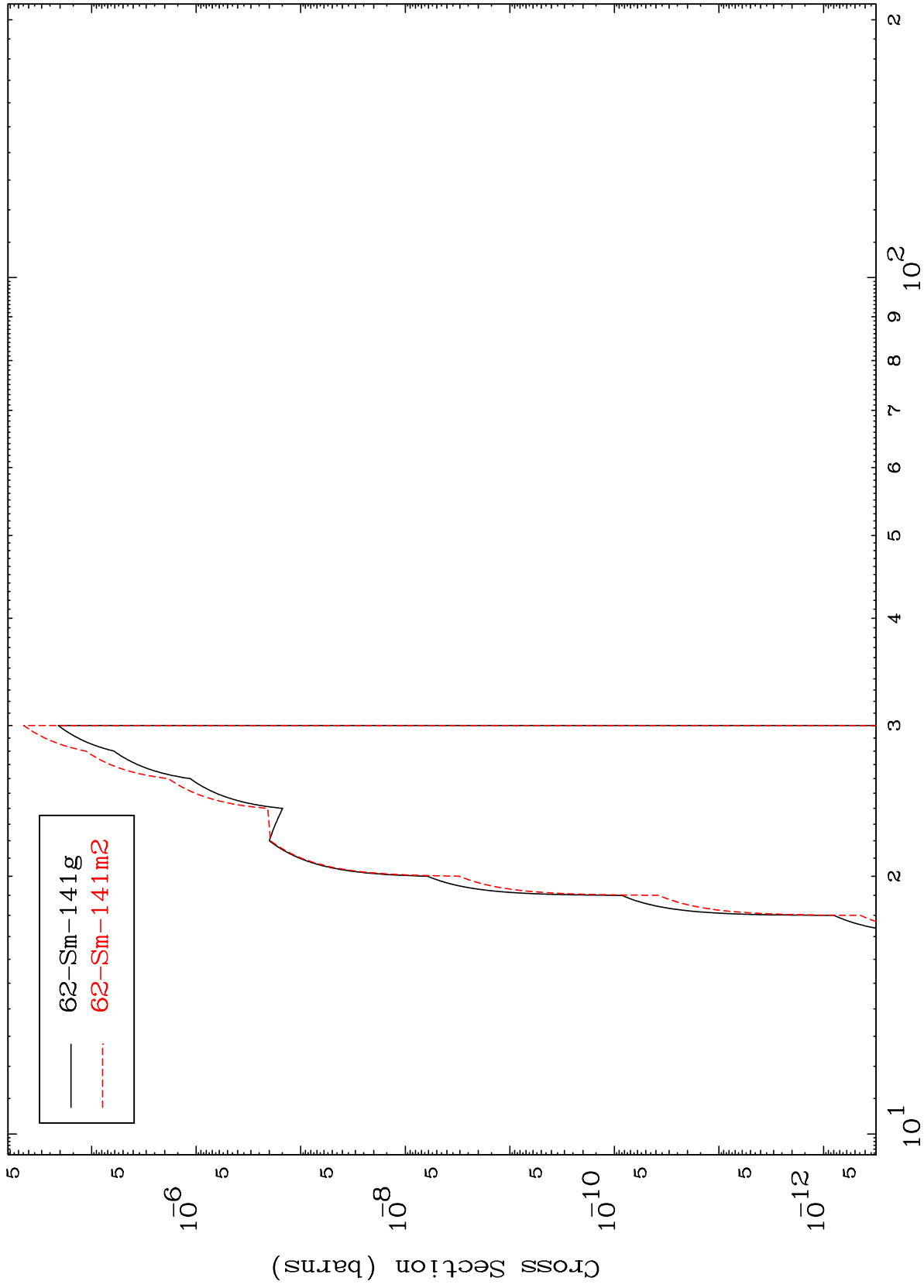
62-Sm-144

MAT 6225

(n,2n) α

$^{62}\text{Sm}-144$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

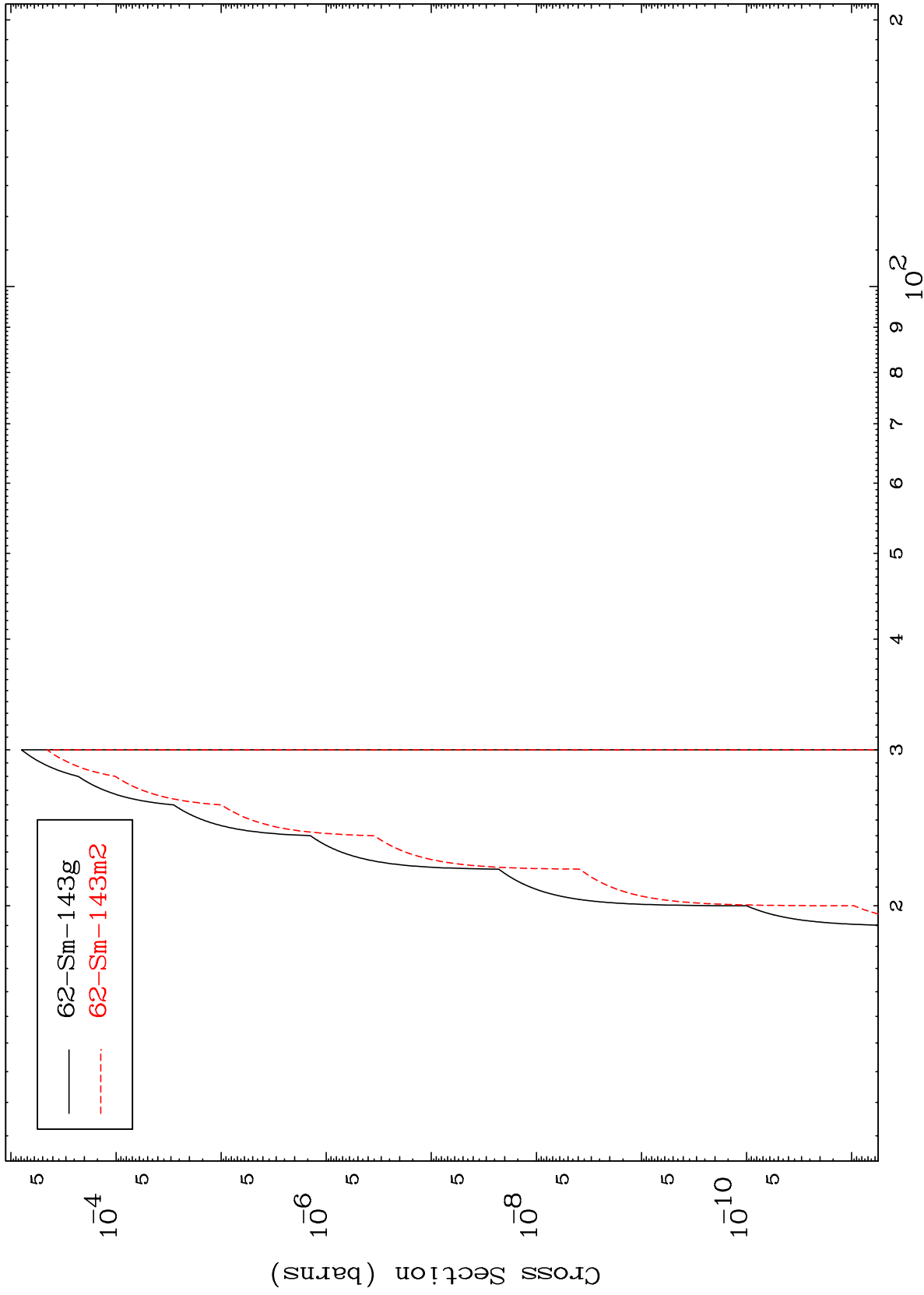
$^{62}\text{Sm}-144$

MAT 6225

(n, n') He-3

62-Sm-144

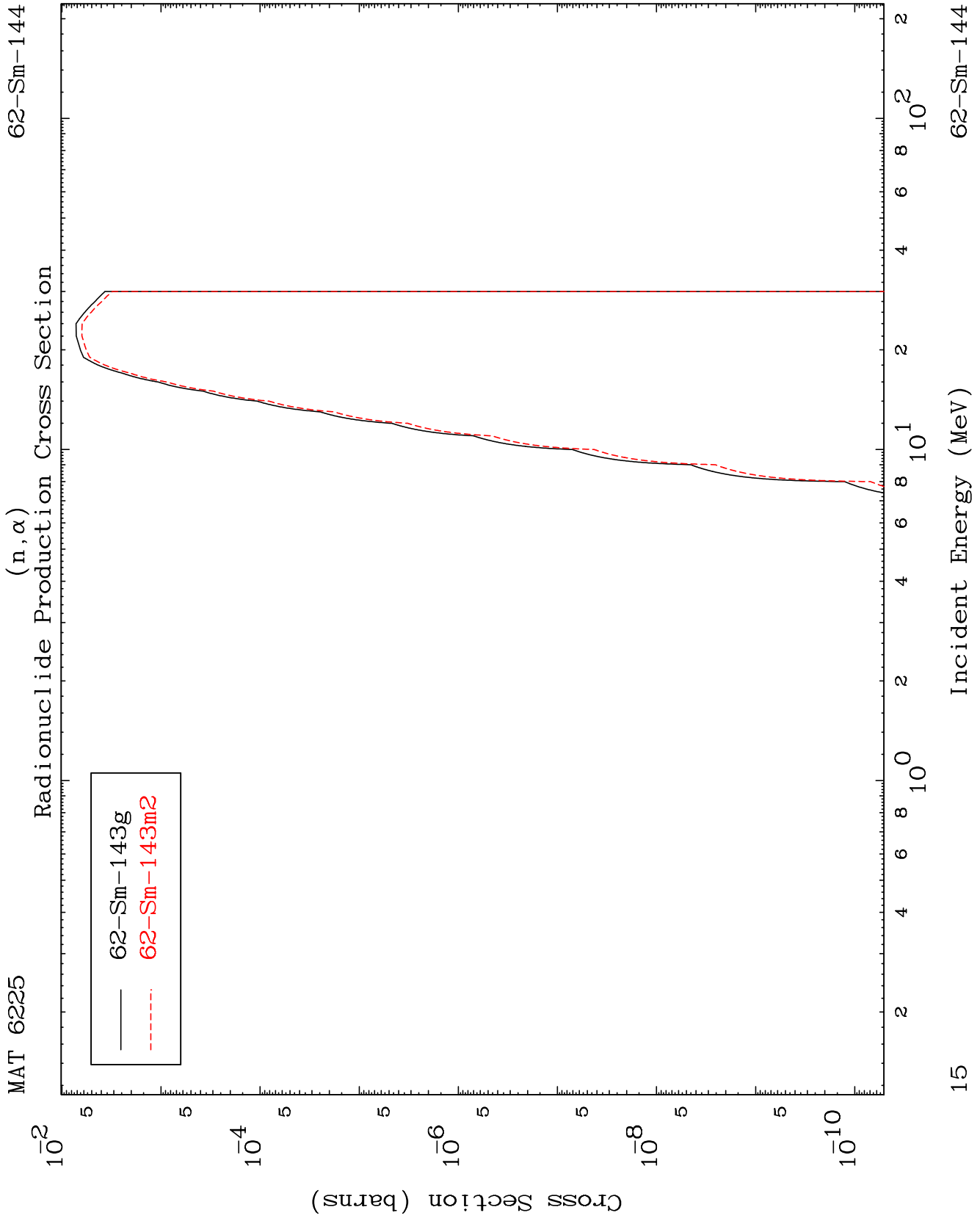
Radionuclide Production Cross Section



14

Incident Energy (MeV)

62-Sm-144

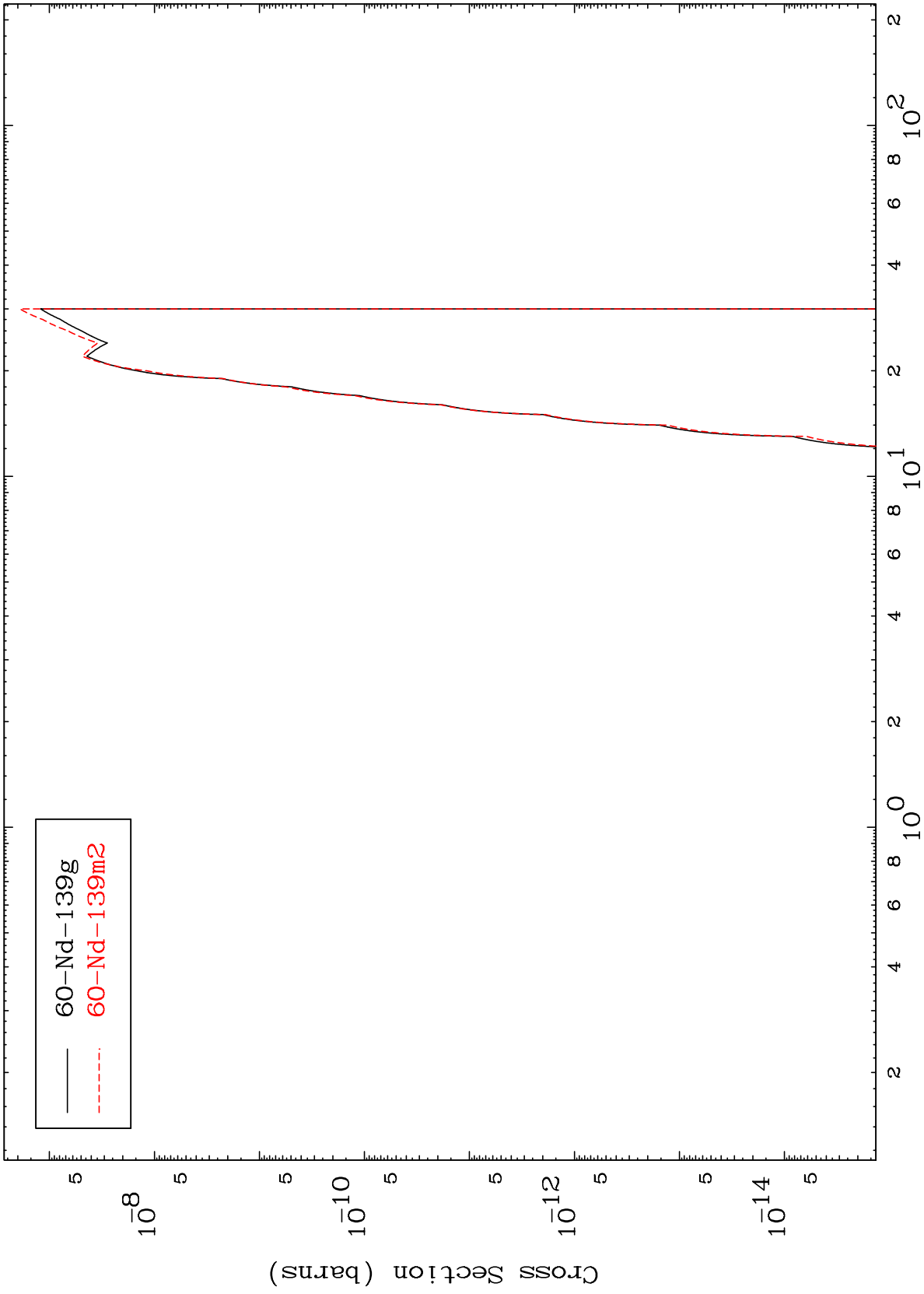


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(n, 2α)

62-Sm-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

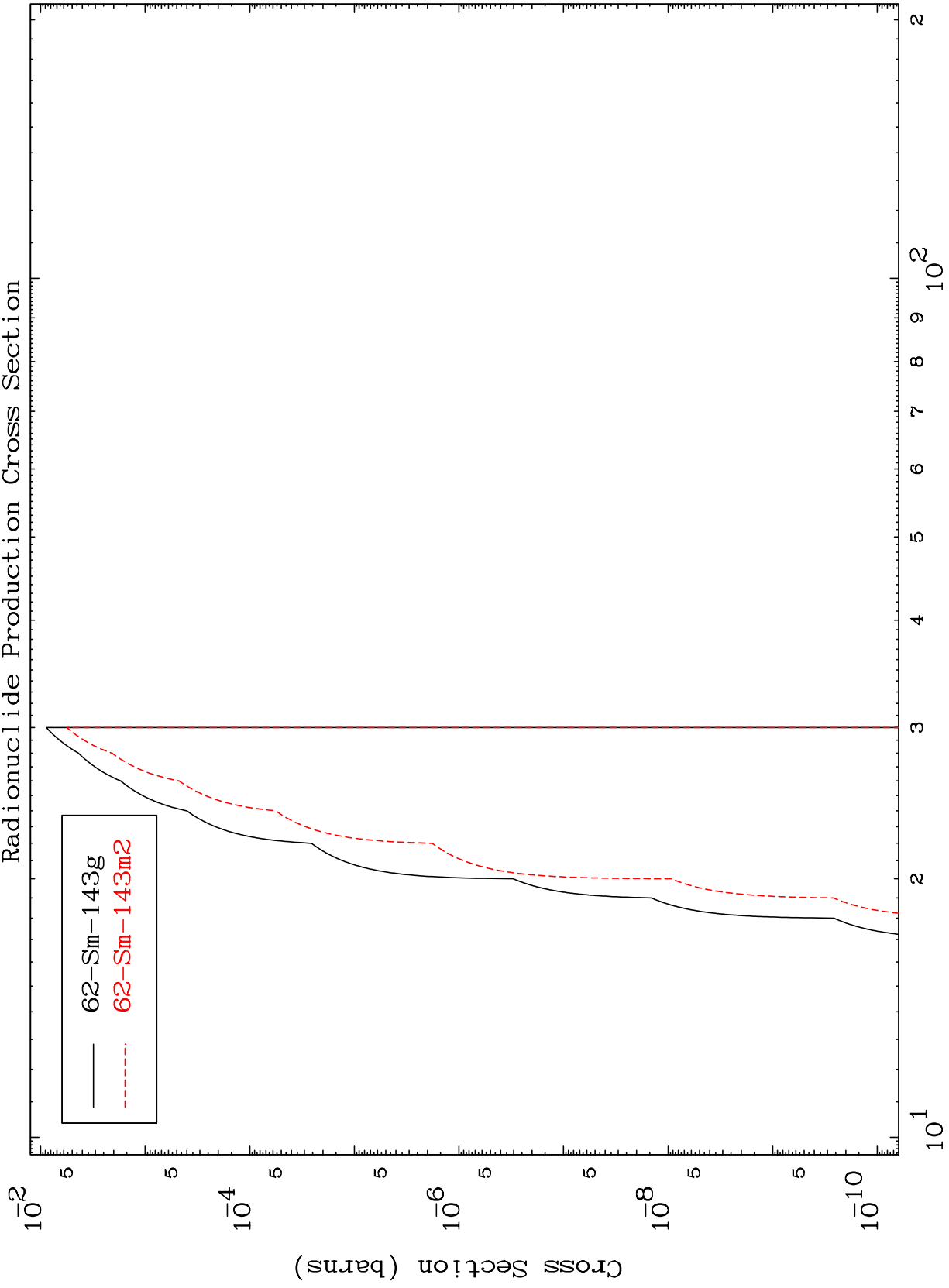
62-Sm-144

MAT 6225

(n,p) t

62-Sm-144

Radionuclide Production Cross Section



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

17

Incident Energy (MeV)

62-Sm-144