

Program EVALPLOT
(Version 2021-1)

by

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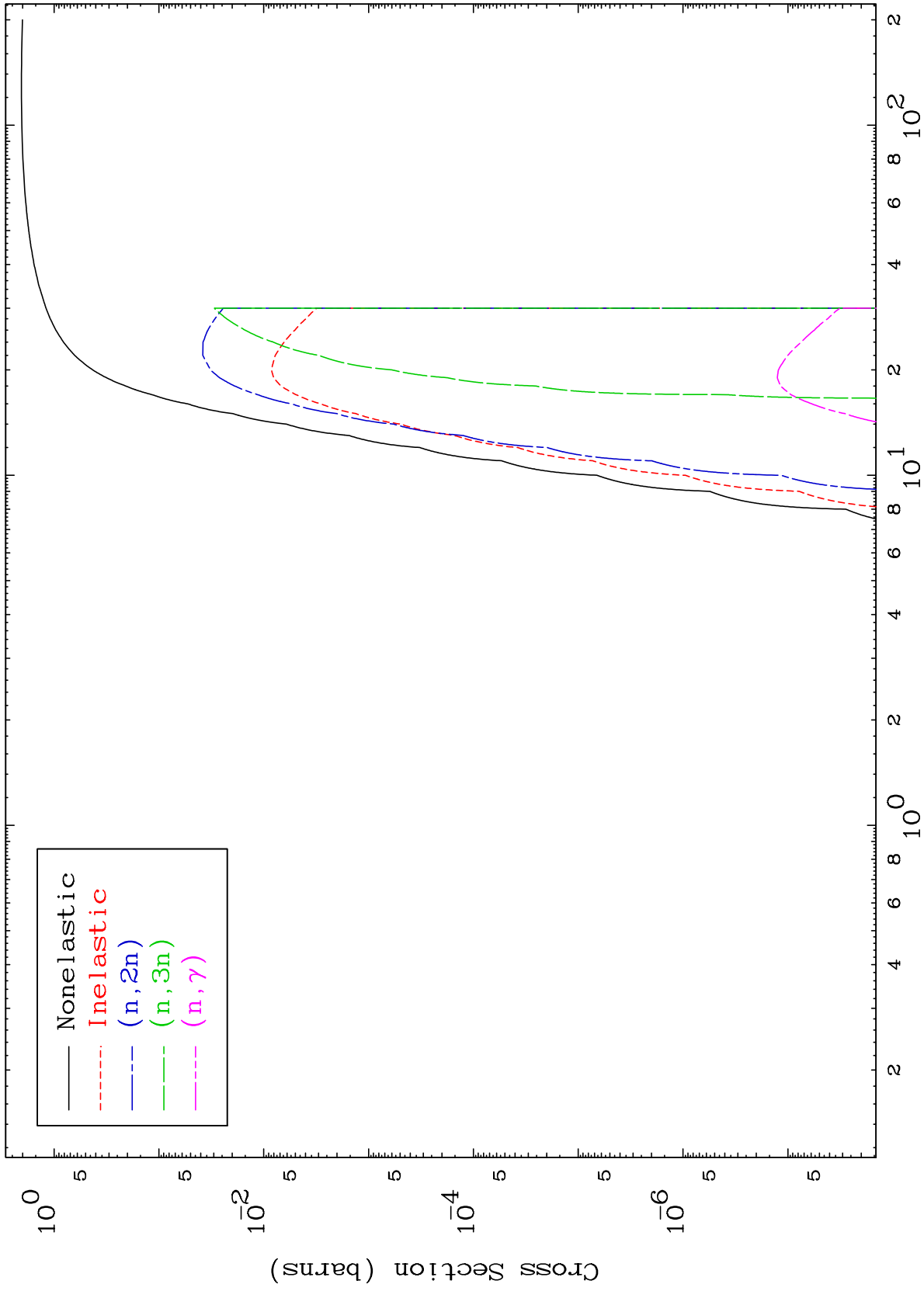
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6025

He-3 Major
0 Kelvin Cross Sections

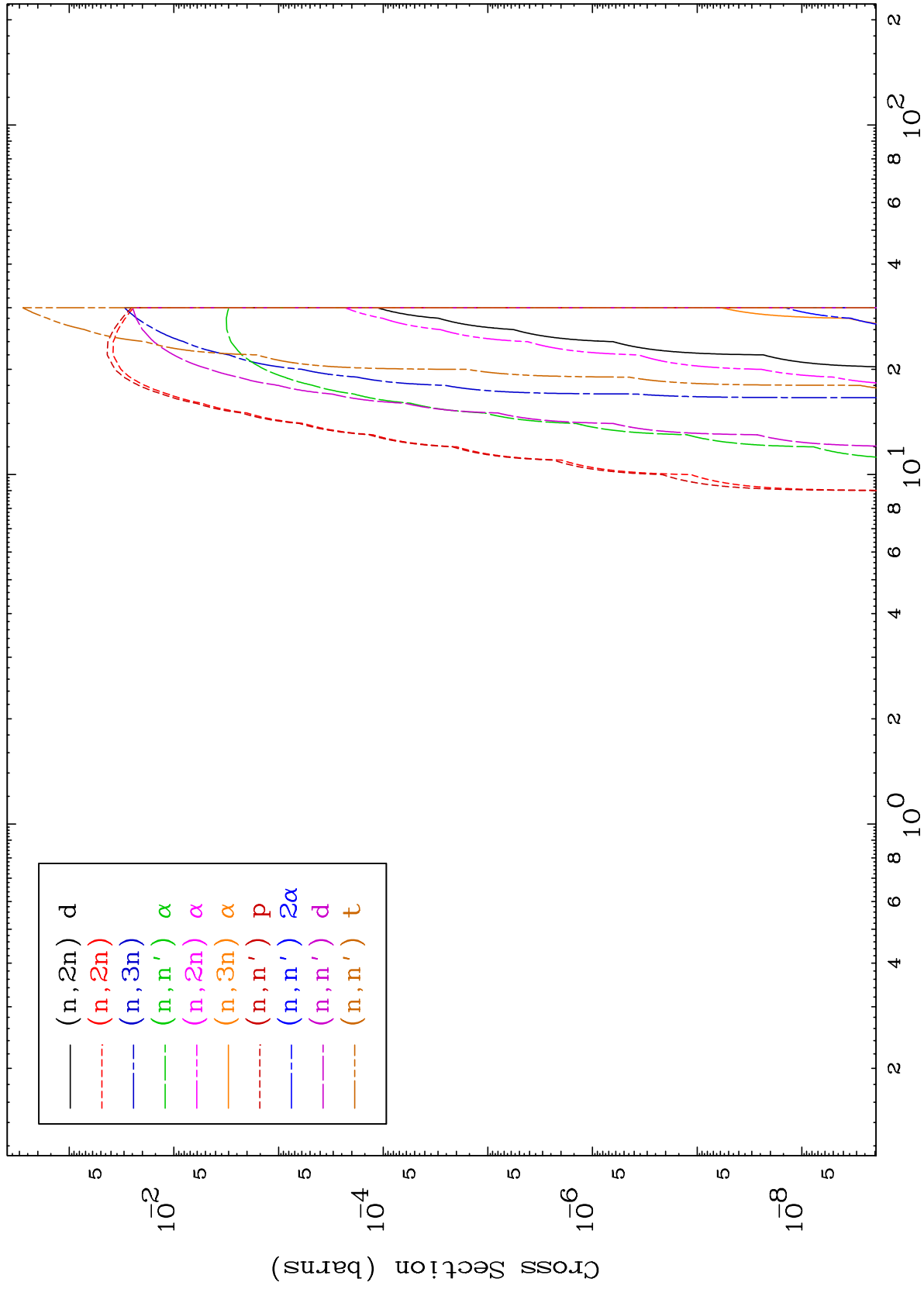
60-Nd-142



MAT 6025

He-3 Neutron Absorption
0 Kelvin Cross Sections

60-Nd-142



2

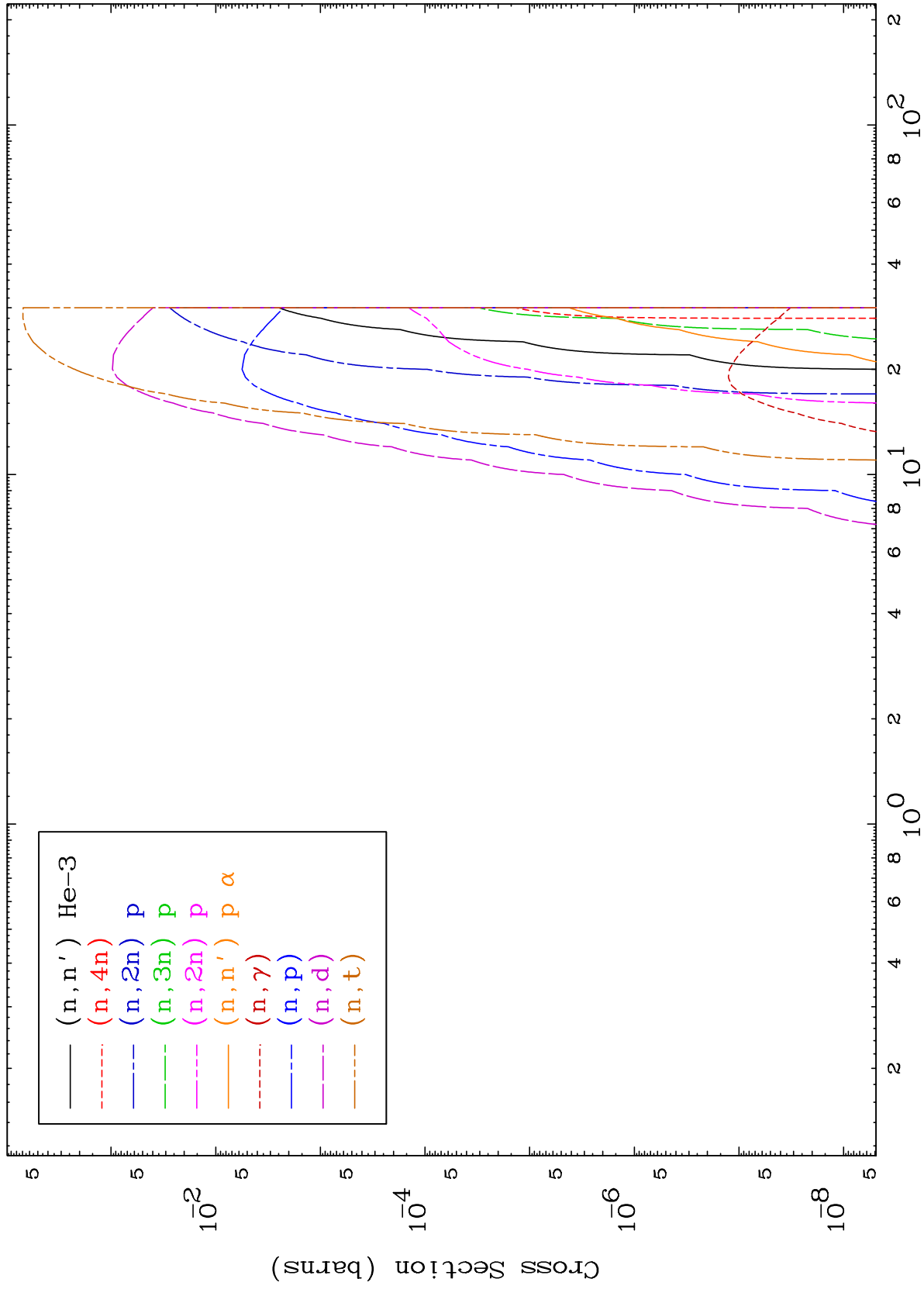
Incident Energy (MeV)

60-Nd-142

MAT 6025

He-3 Neutron Absorption
0 Kelvin Cross Sections

60-Nd-142



3

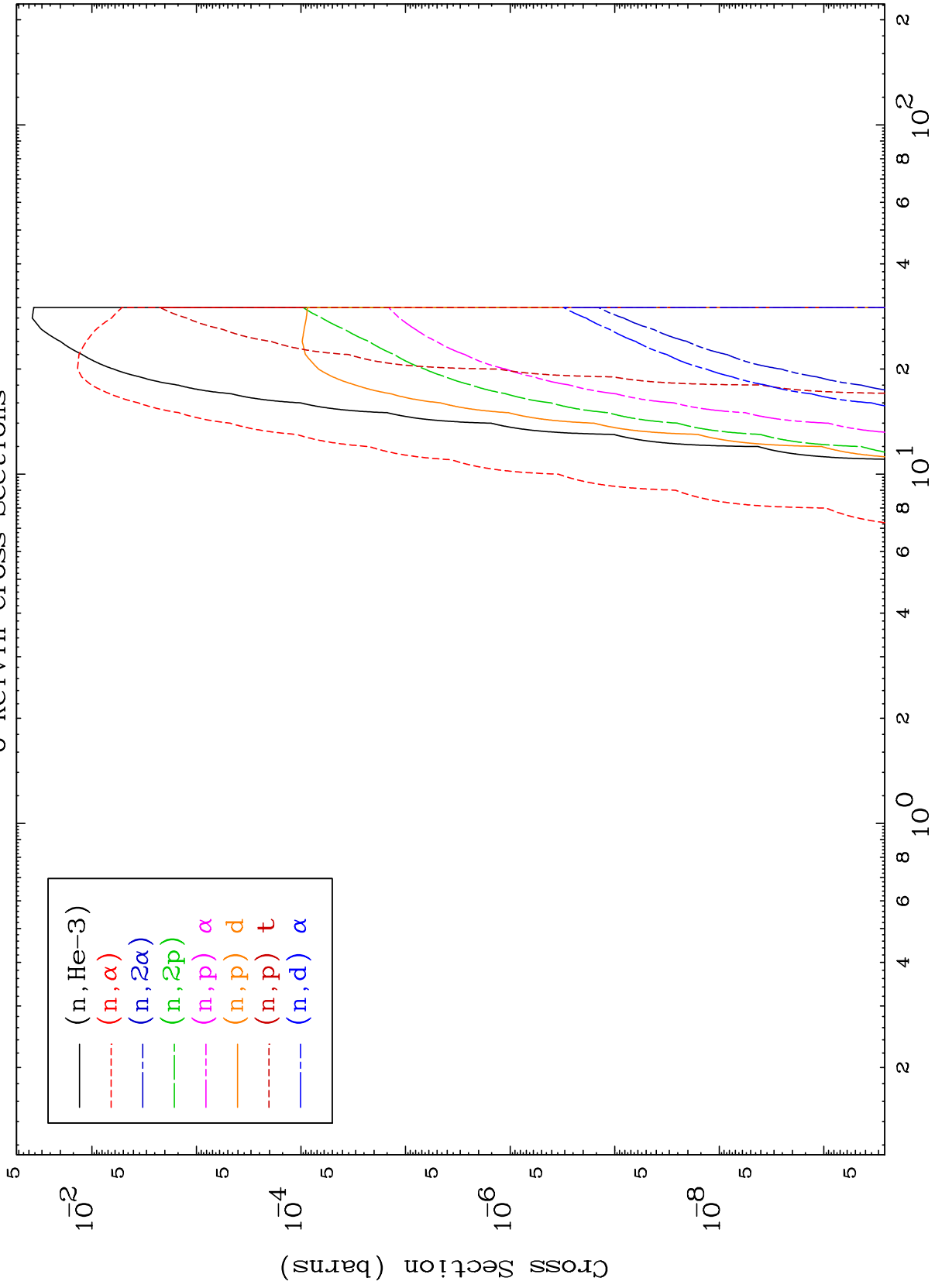
Incident Energy (MeV)

60-Nd-142

MAT 6025

He-3 Neutron Absorption
0 Kelvin Cross Sections

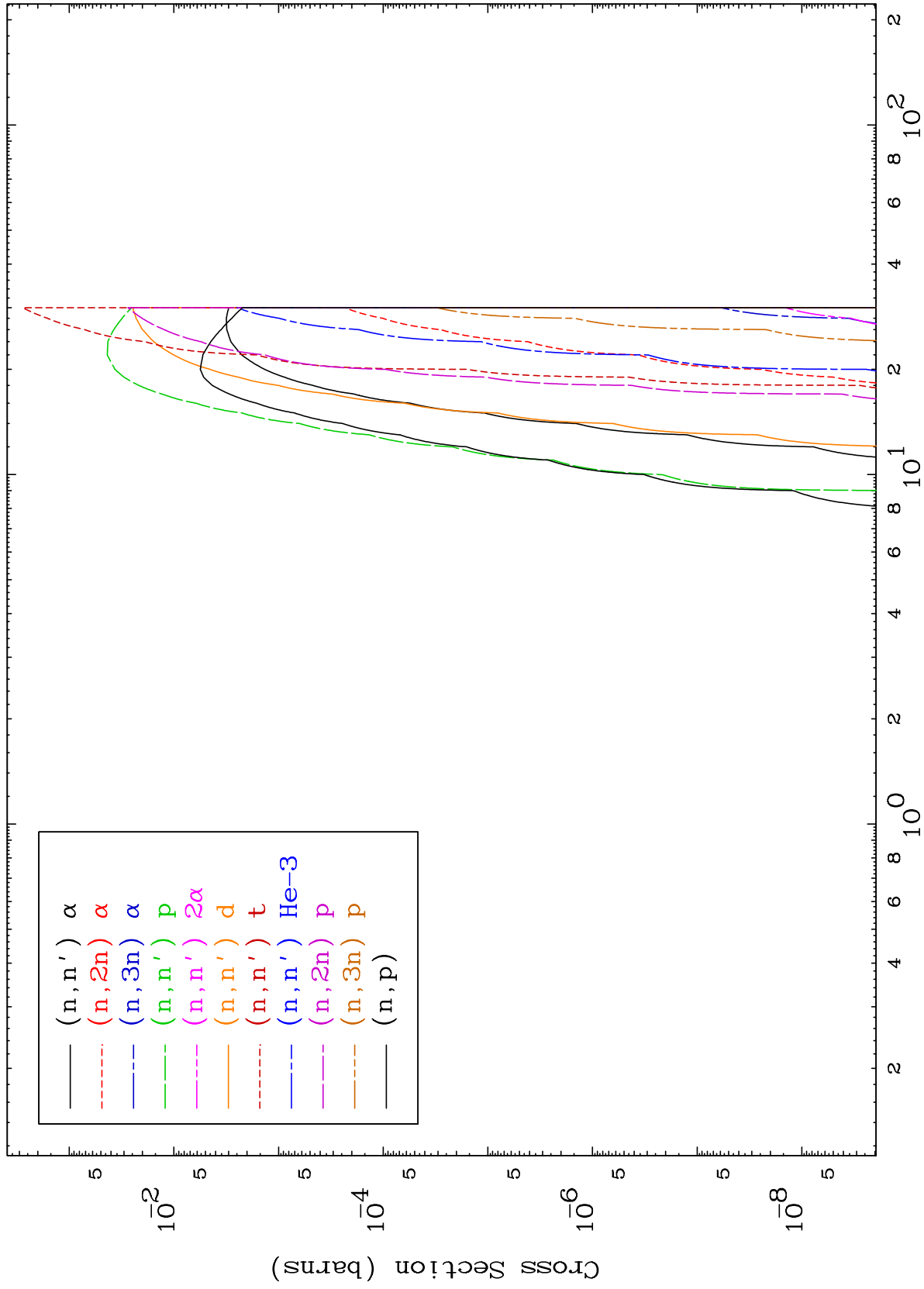
60-Nd-142



MAT 6025

He-3 Charged Particle
0 Kelvin Cross Sections

60-Nd-142



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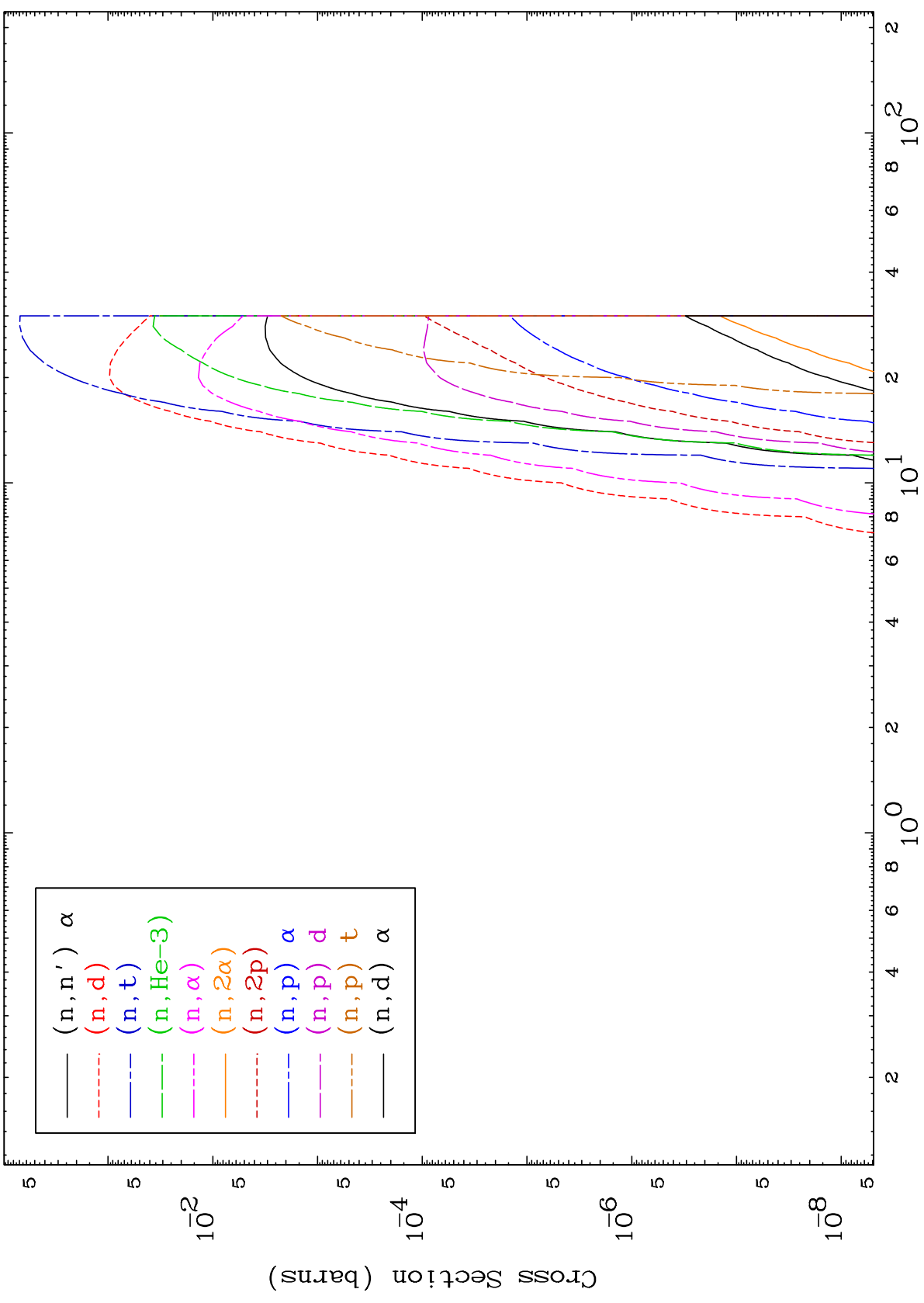
Incident Energy (MeV)

60-Nd-142

MAT 6025

He-3 Charged Particle
0 Kelvin Cross Sections

60-Nd-142

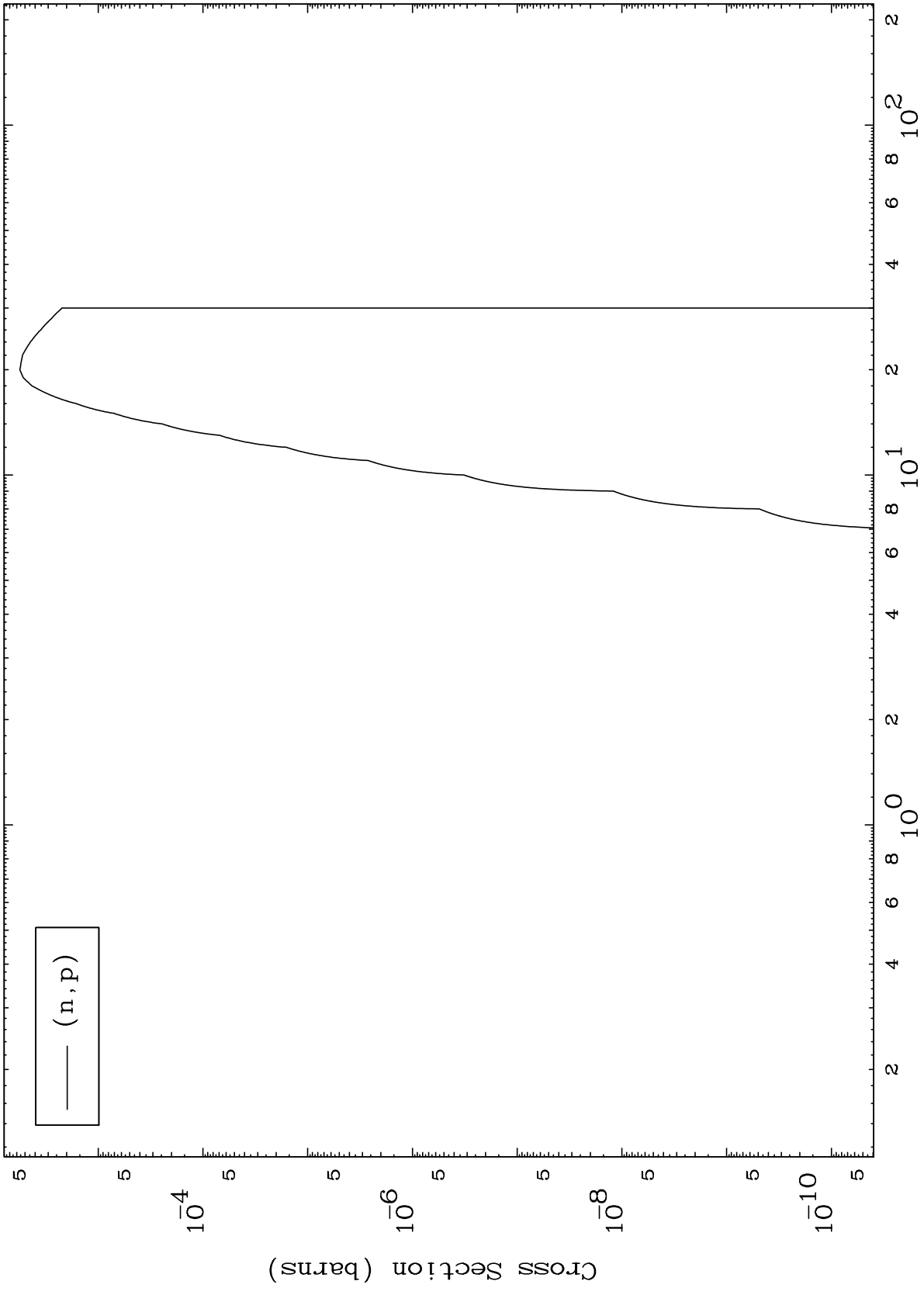


60-Nd-142

MAT 6025

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

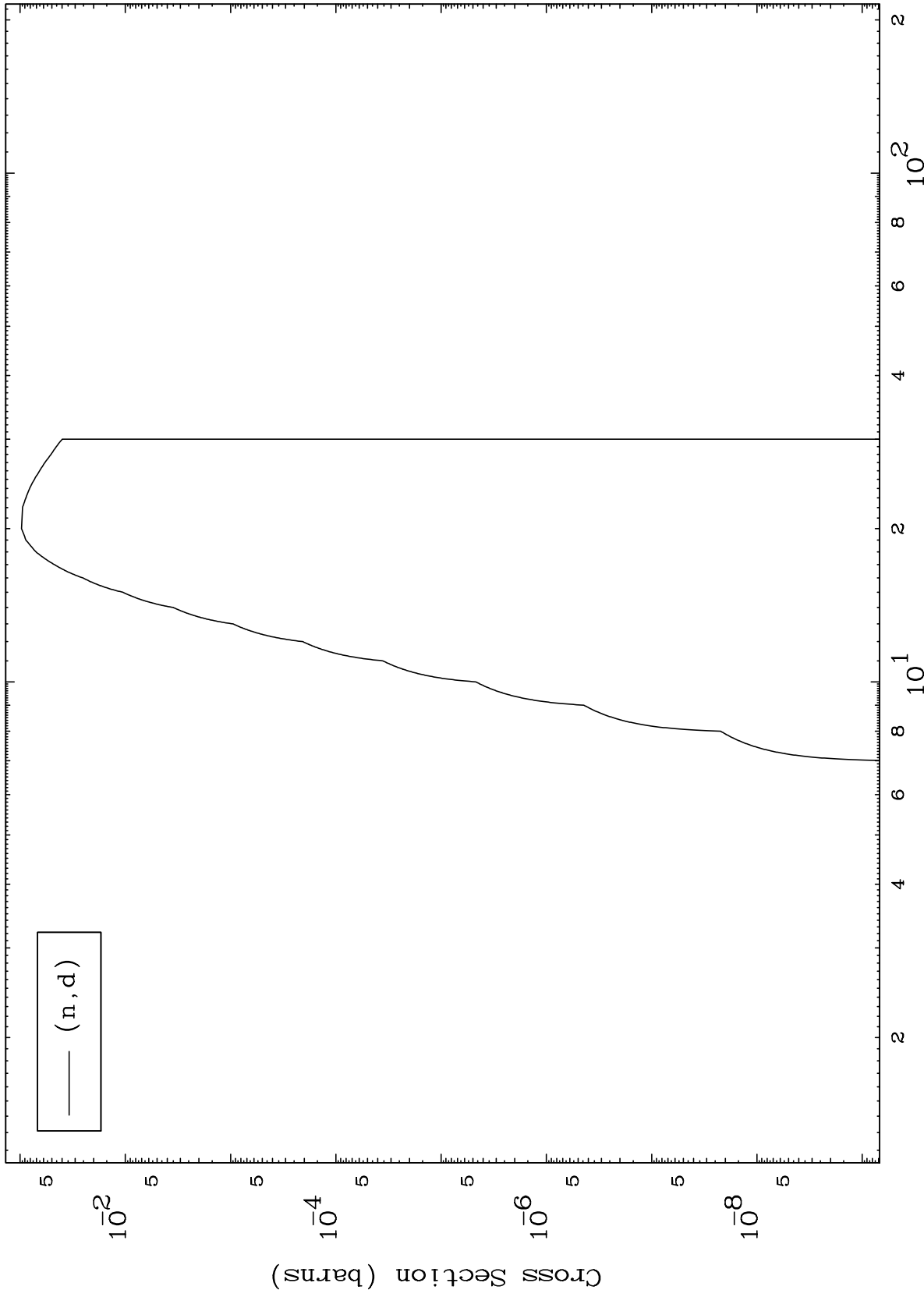
60-Nd-142



MAT 6025

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

60-Nd-142



8

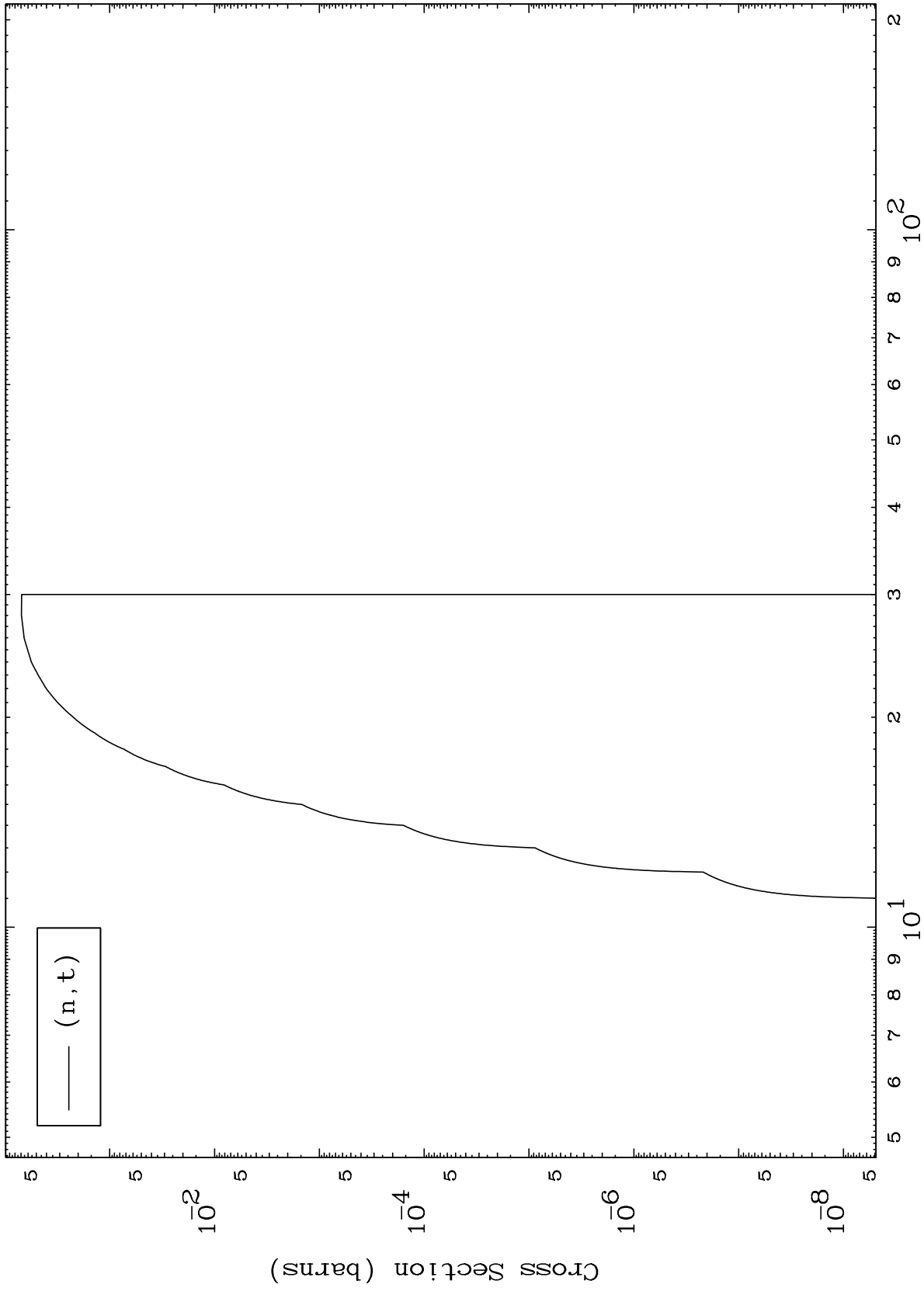
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142



9

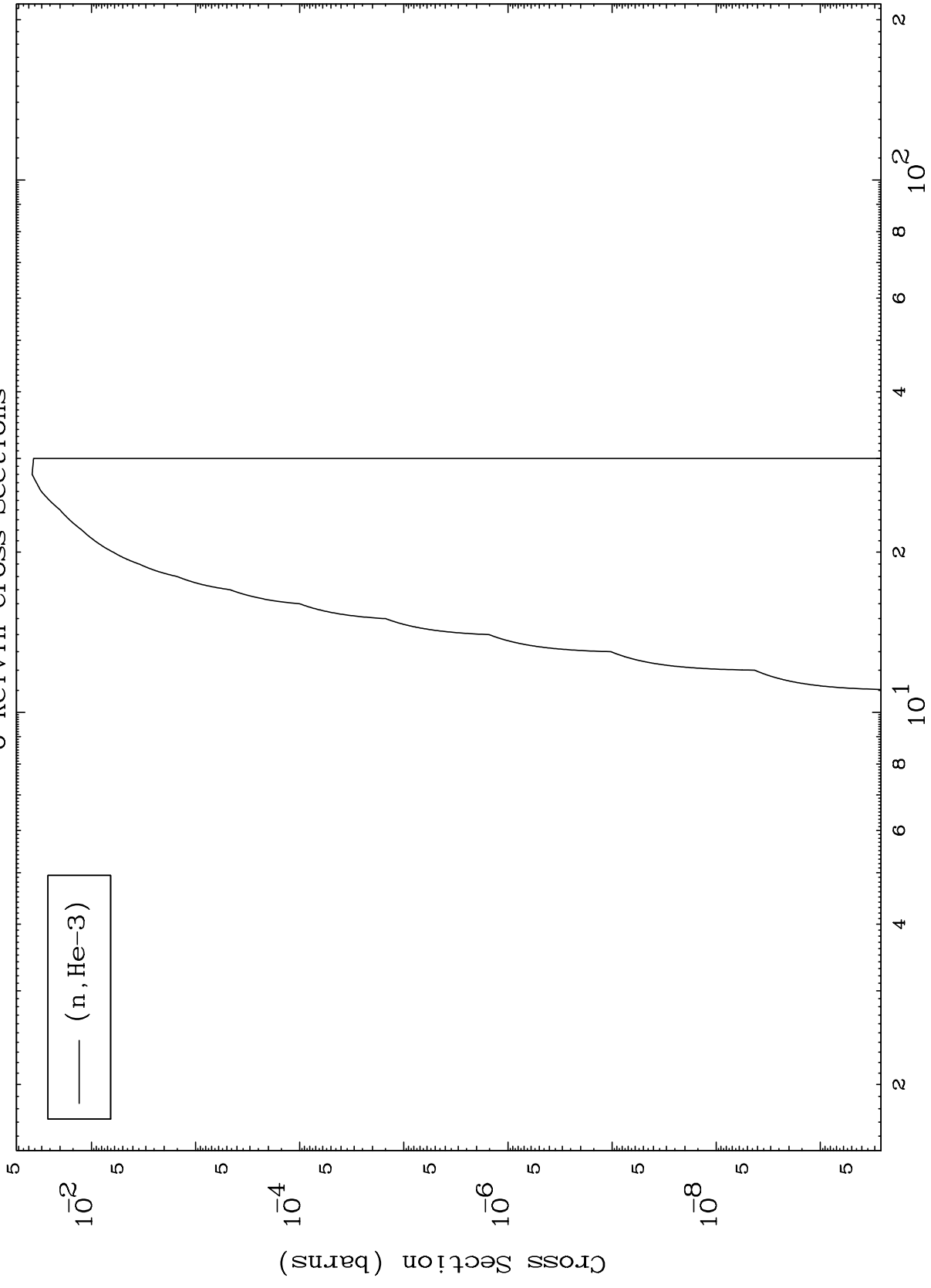
Incident Energy (MeV)

60-Nd-142

MAT 6025

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

60-Nd-142

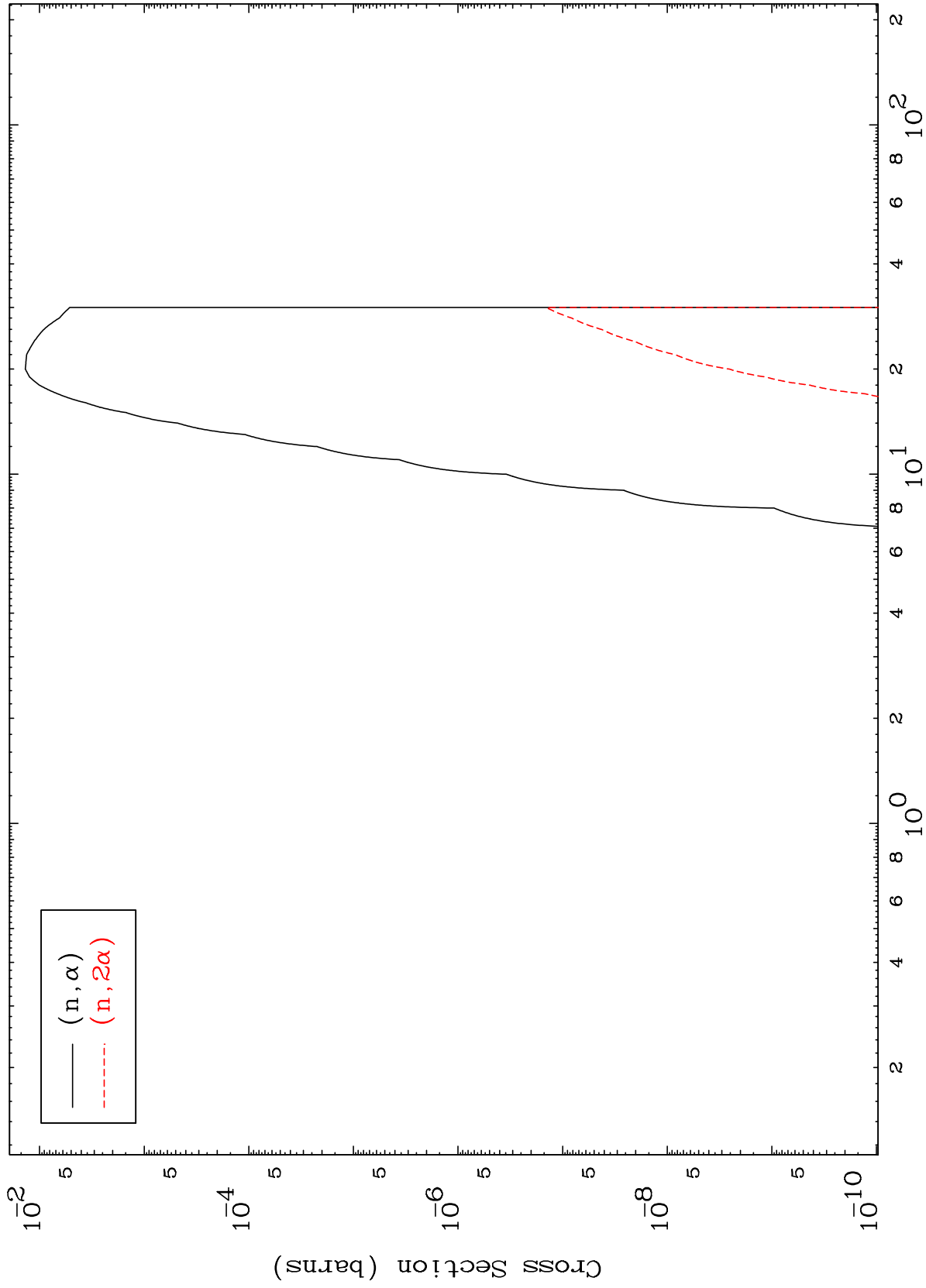


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MAT 6025

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

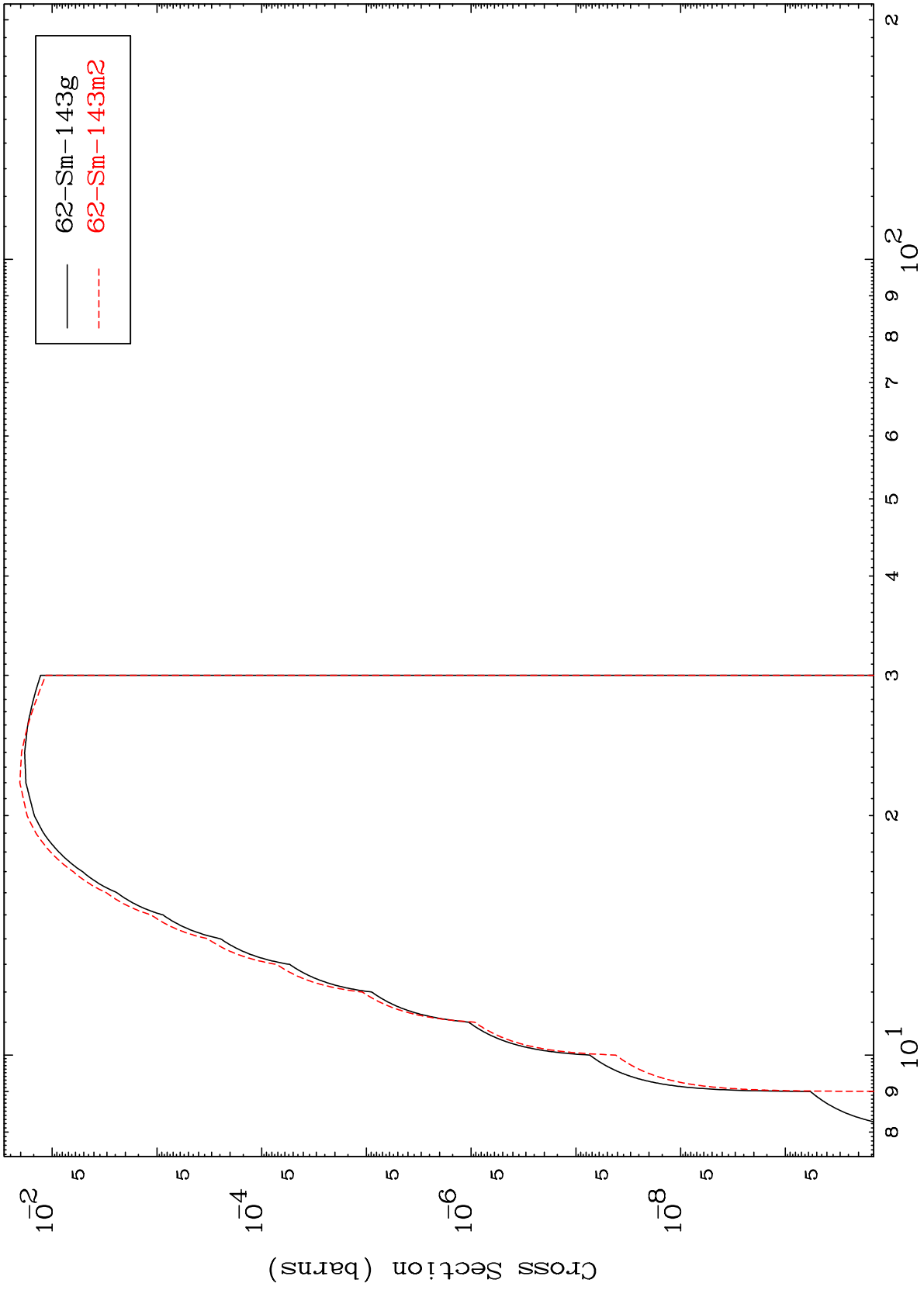
60-Nd-142



MAT 6025

60-Nd-142

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

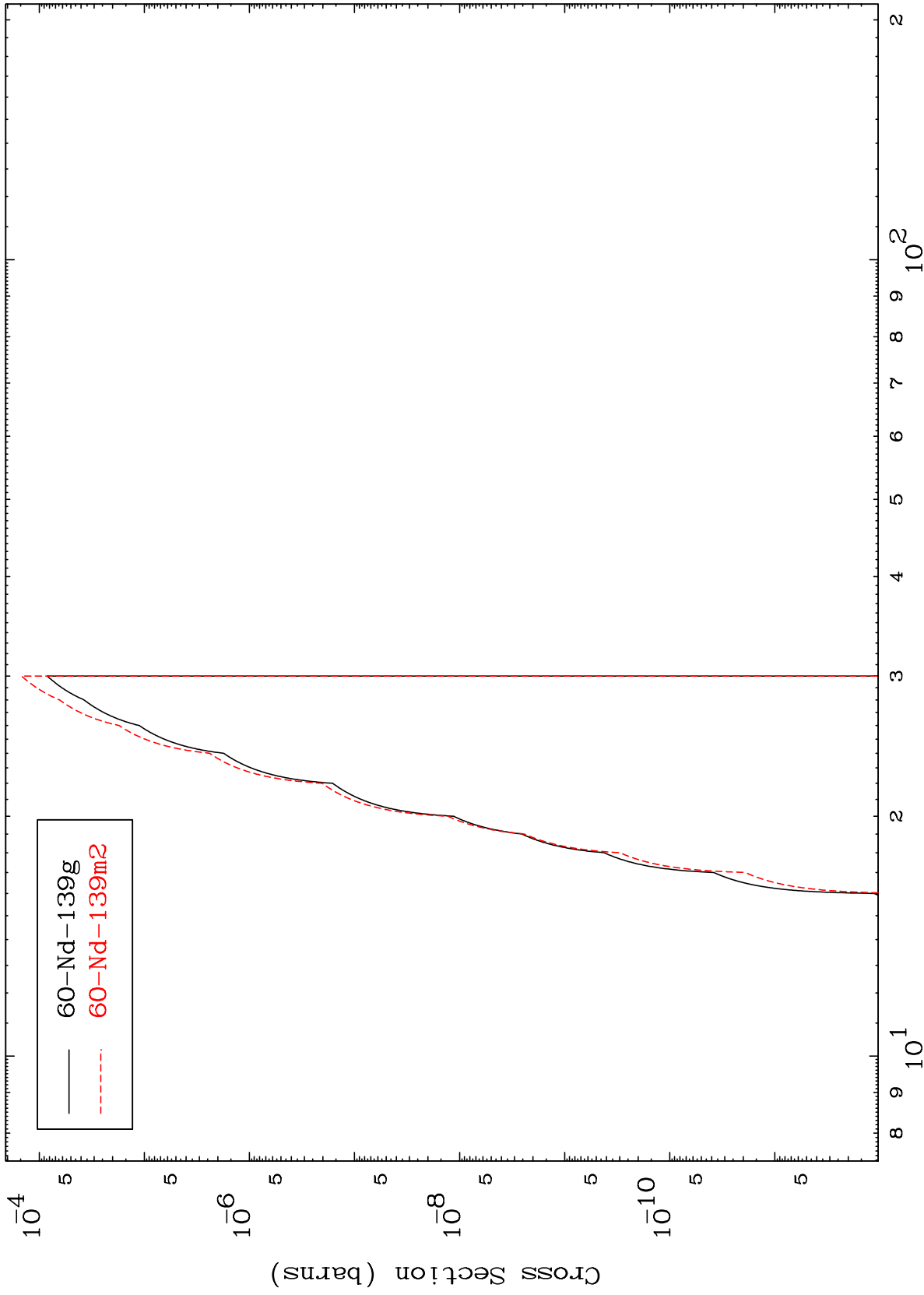
60-Nd-142

MAT 6025

(n,2n) α

$^{60}\text{Nd}-142$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

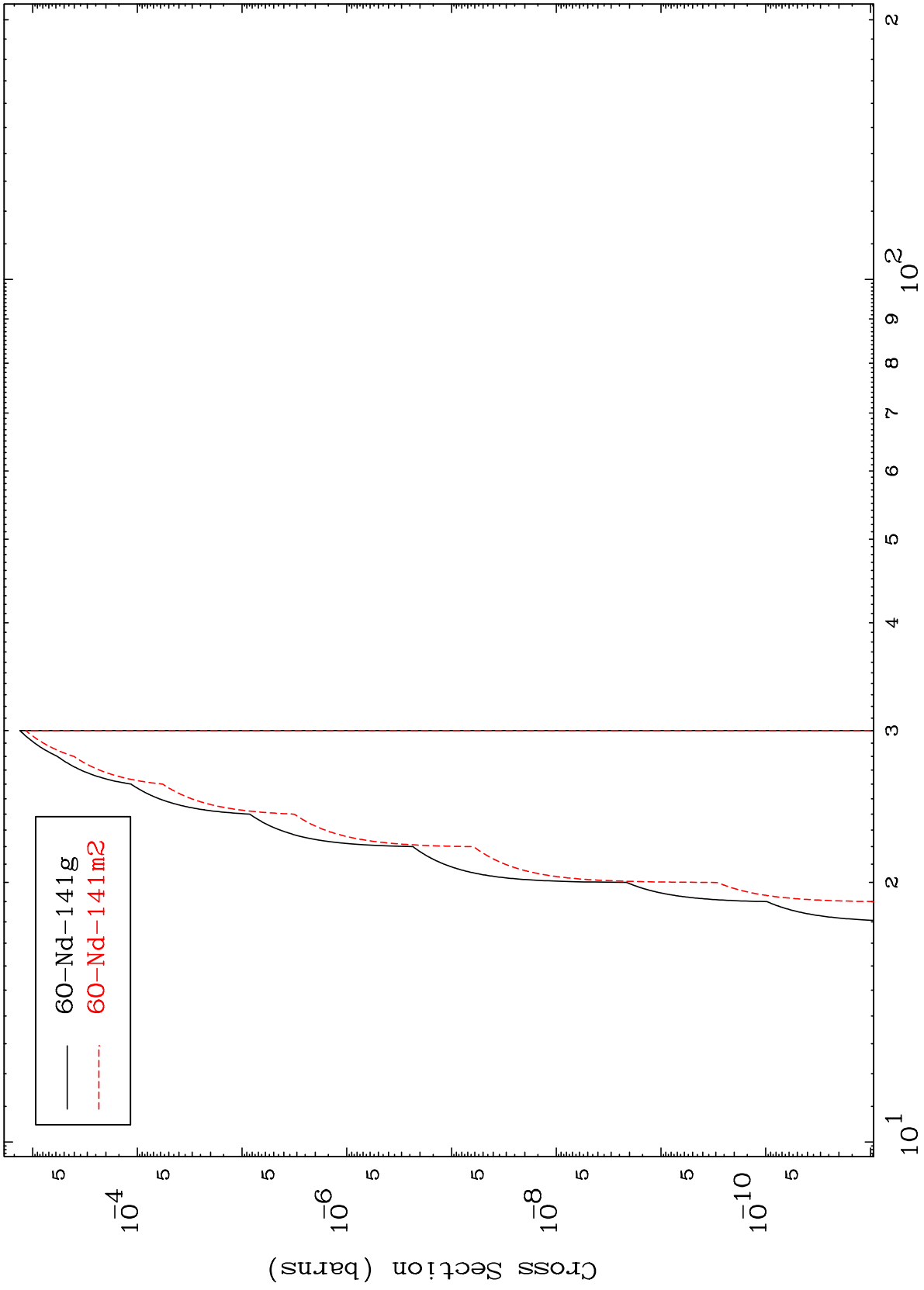
$^{60}\text{Nd}-142$

MAT 6025

(n, n') He-3

60-Nd-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

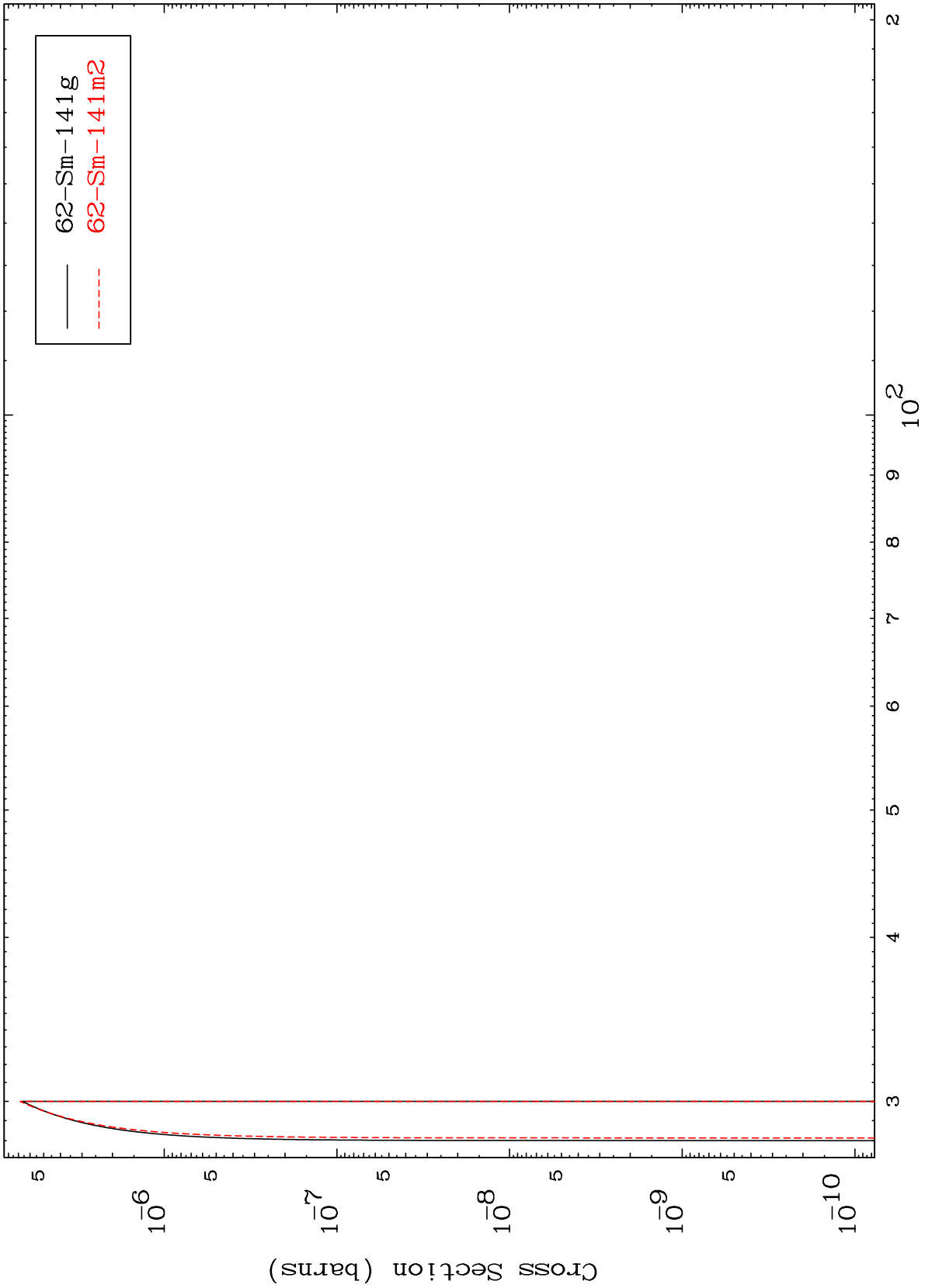
60-Nd-142

MAT 6025

(n,4n)

60-Nd-142

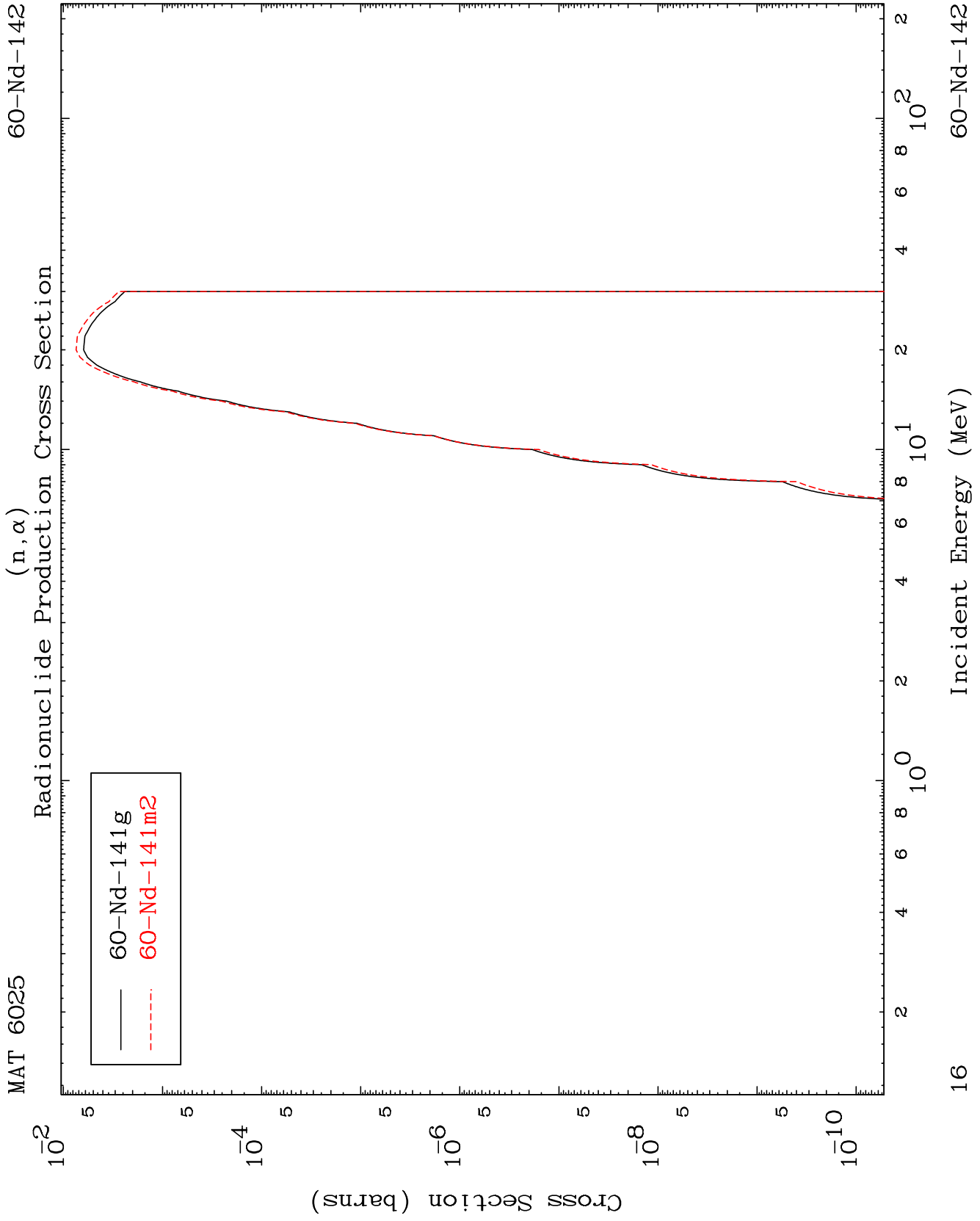
Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-142

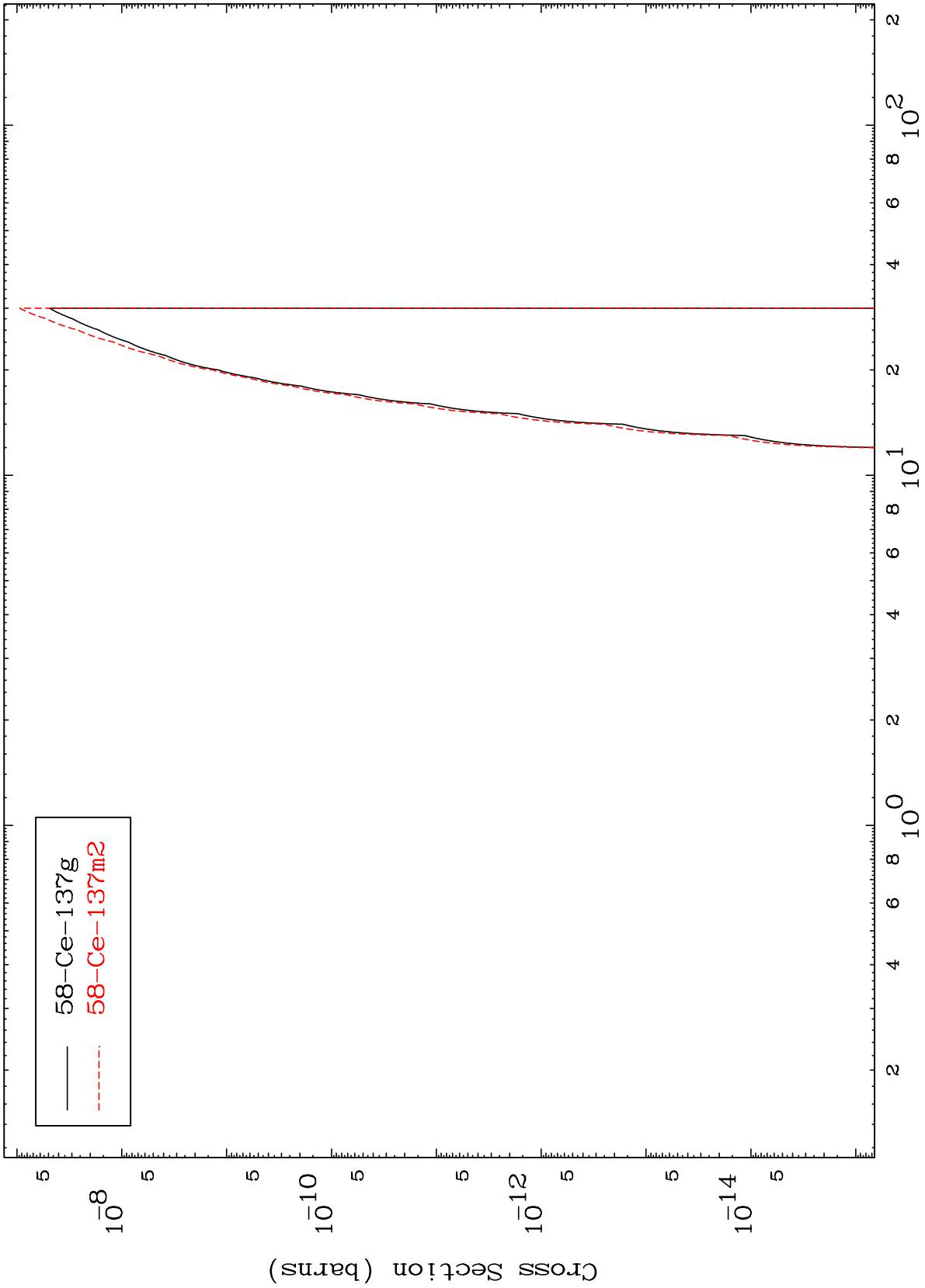


MAT 6025

(n,2α)

60-Nd-142

Radionuclide Production Cross Section



17

Incident Energy (MeV)

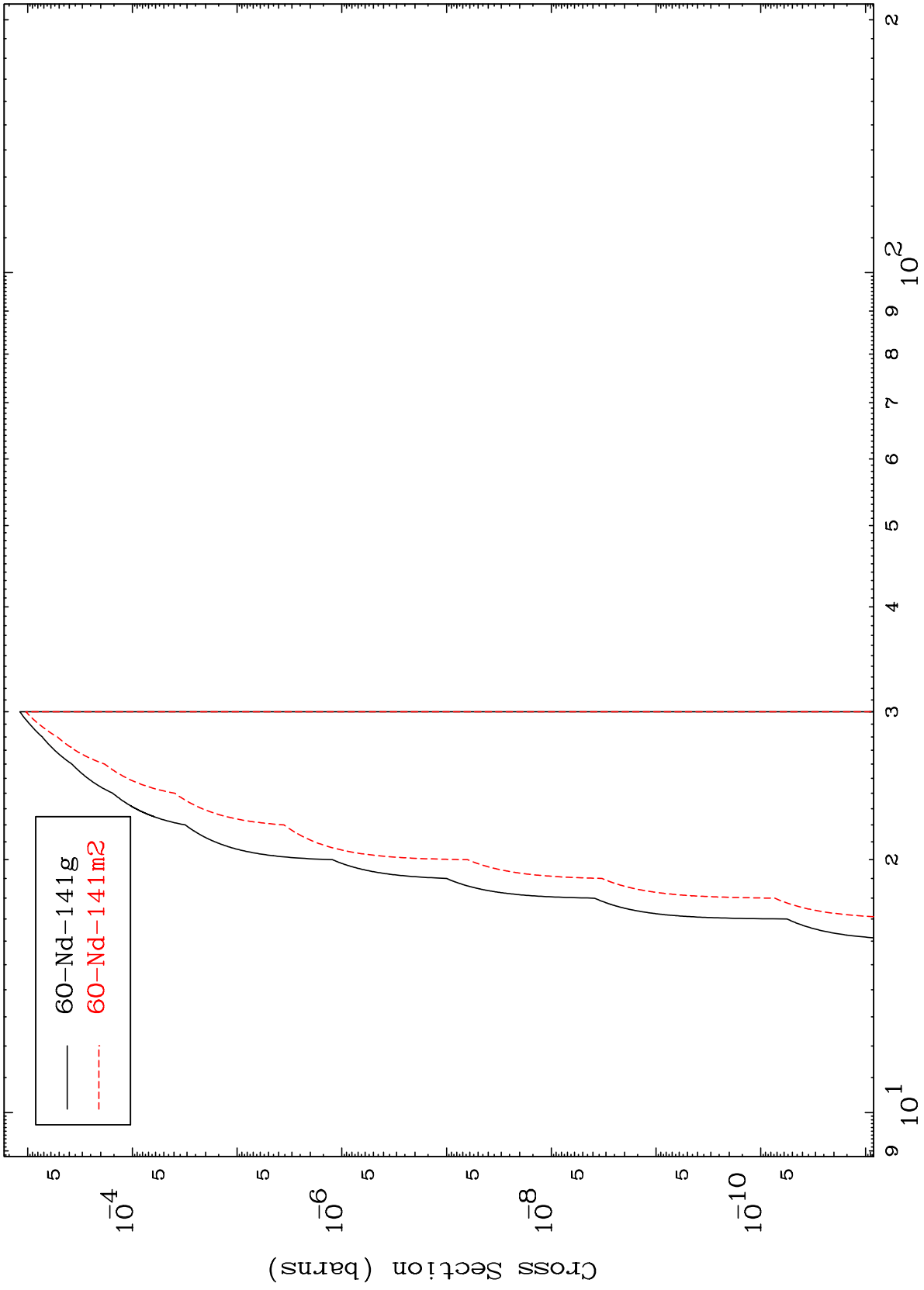
60-Nd-142

MAT 6025

(n,p) t

60-Nd-142

Radionuclide Production Cross Section



60-Nd-141 g
60-Nd-141 m2

18

Incident Energy (MeV)

60-Nd-142