

Program EVALPLOT
(Version 2021-1)

by

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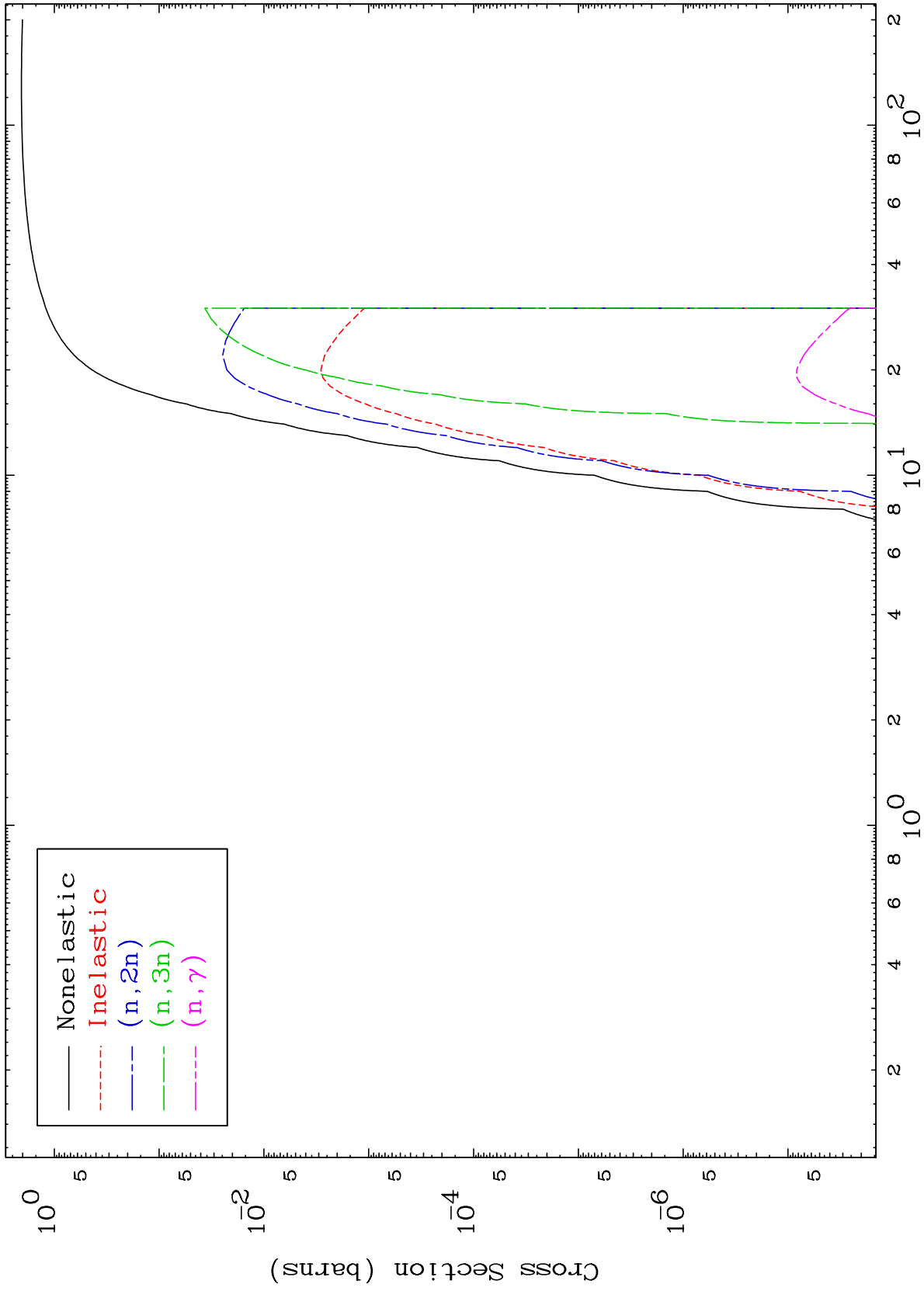
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6028

He-3 Major
0 Kelvin Cross Sections

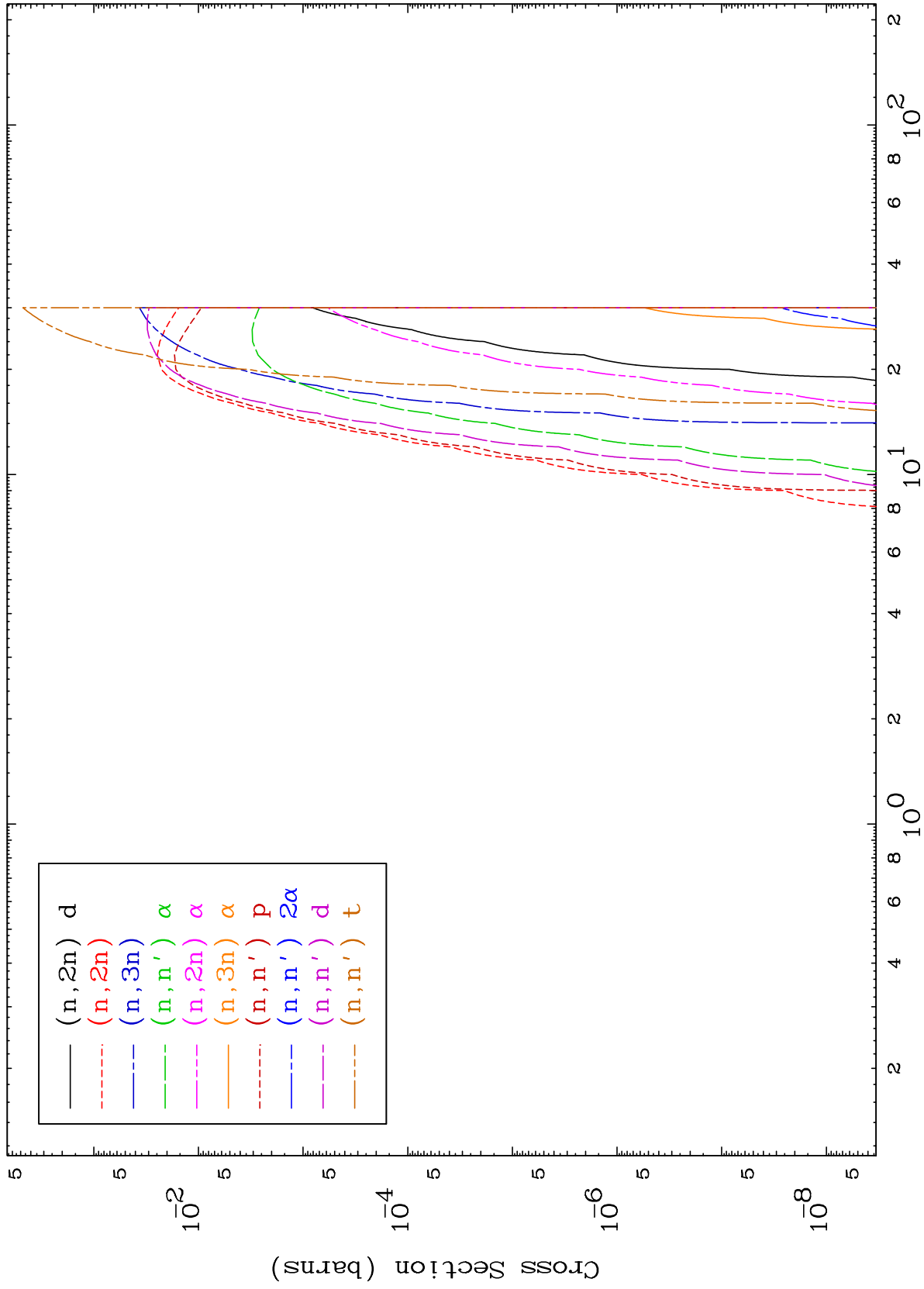
60-Nd-143



MAT 6028

He-3 Neutron Absorption
0 Kelvin Cross Sections

60-Nd-143



2

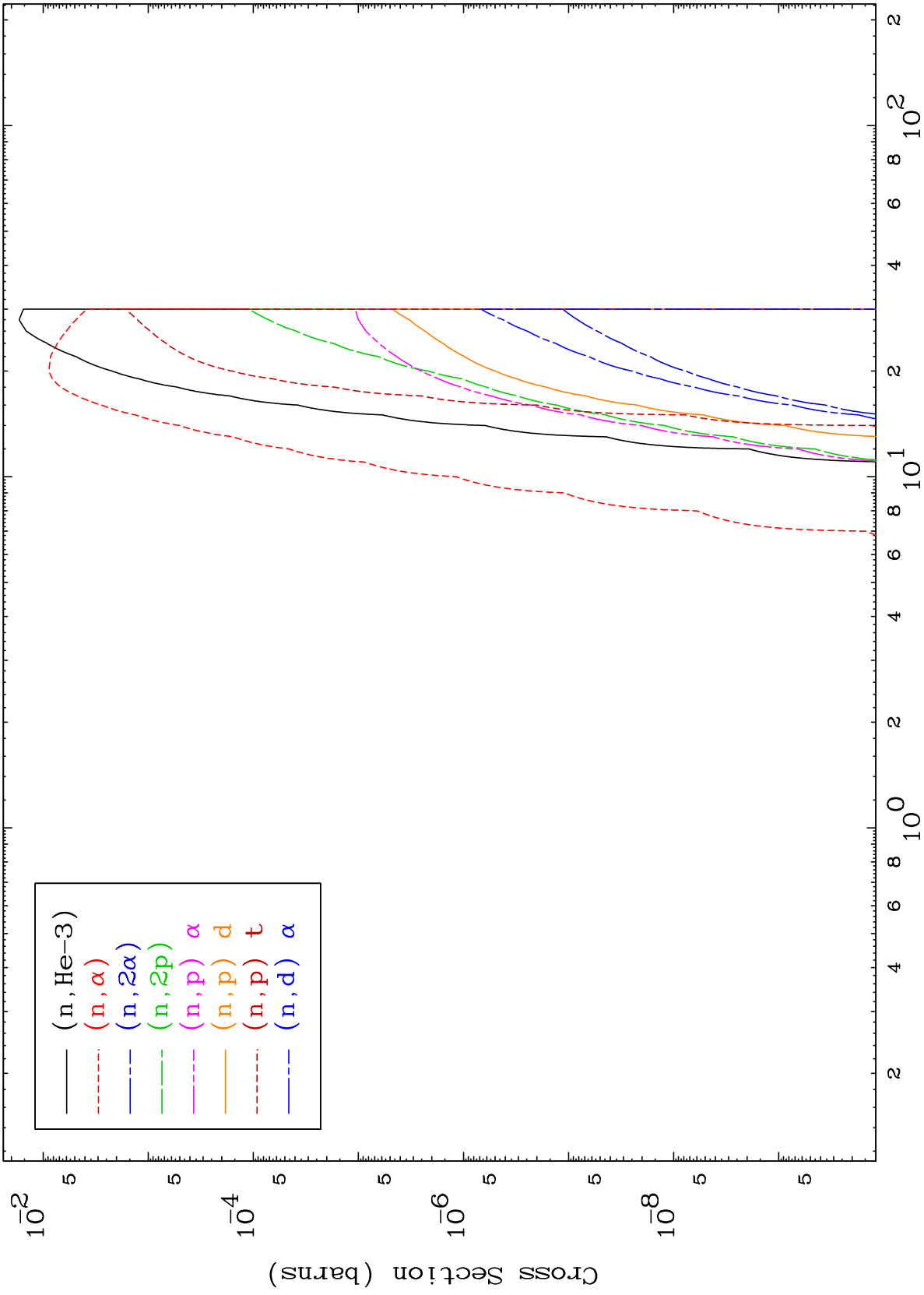
Incident Energy (MeV)

60-Nd-143

MAT 6028

He-3 Neutron Absorption
0 Kelvin Cross Sections

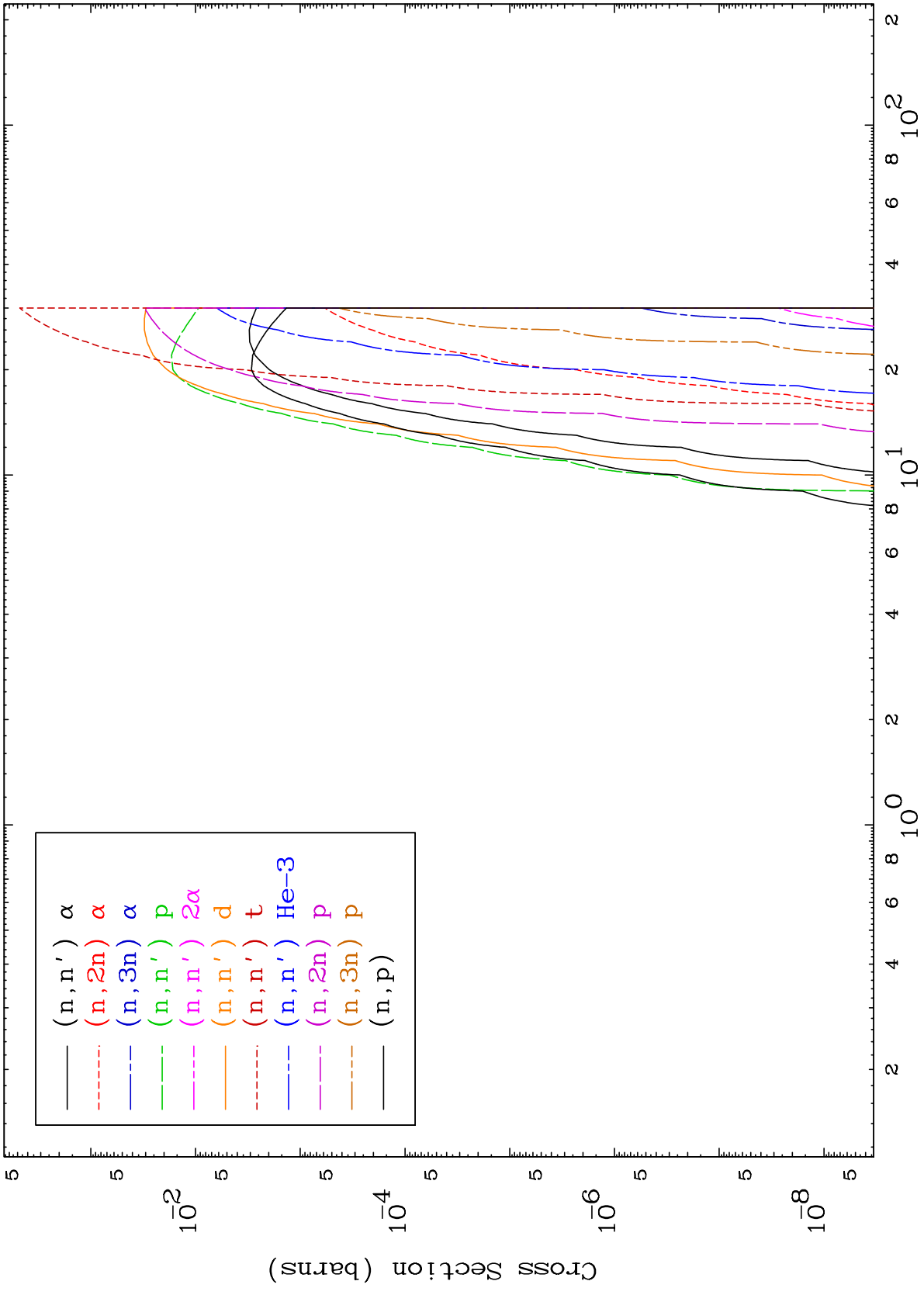
60-Nd-143



MAT 6028

He-3 Charged Particle
0 Kelvin Cross Sections

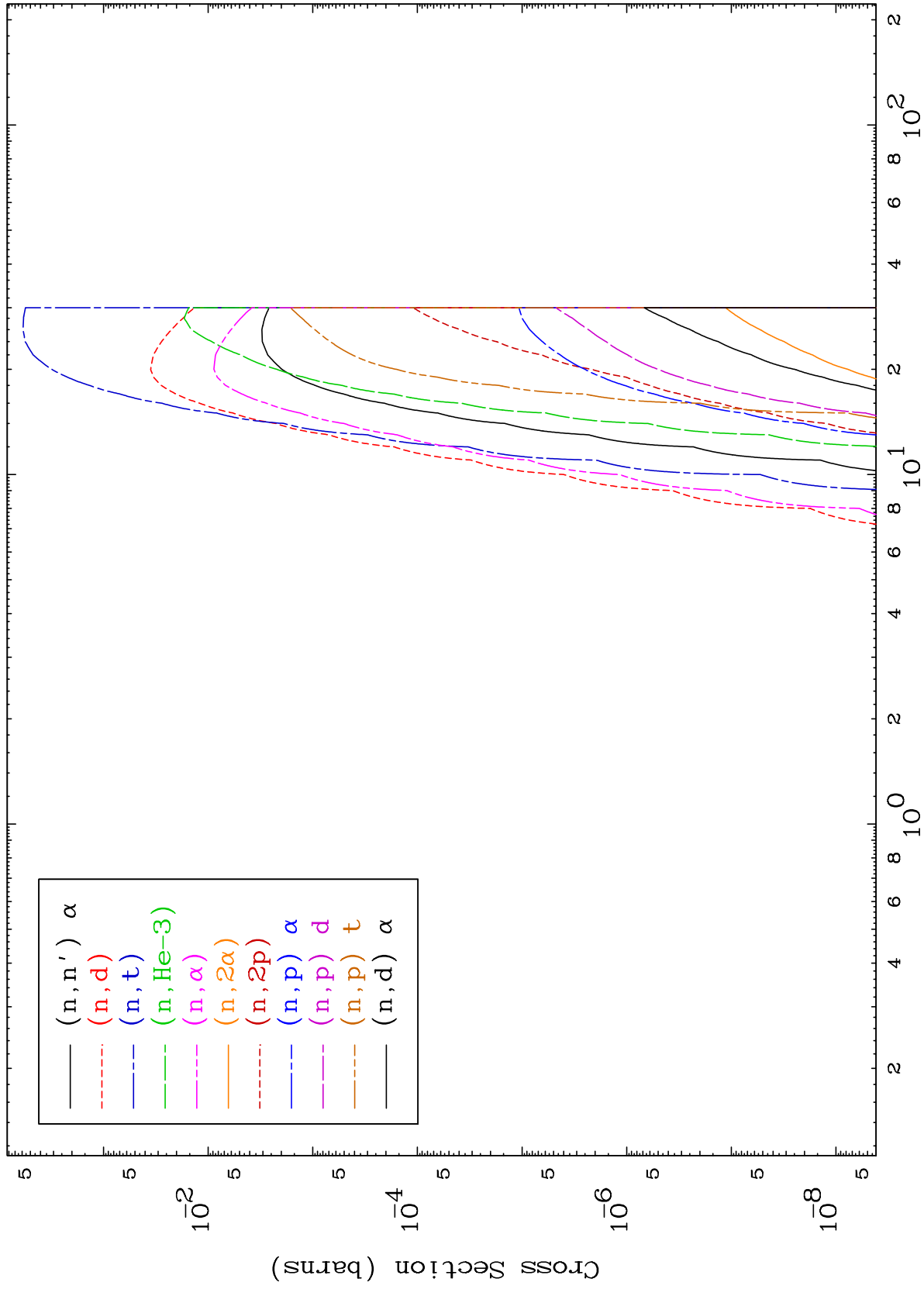
60-Nd-143



MAT 6028

He-3 Charged Particle
0 Kelvin Cross Sections

60-Nd-143



6

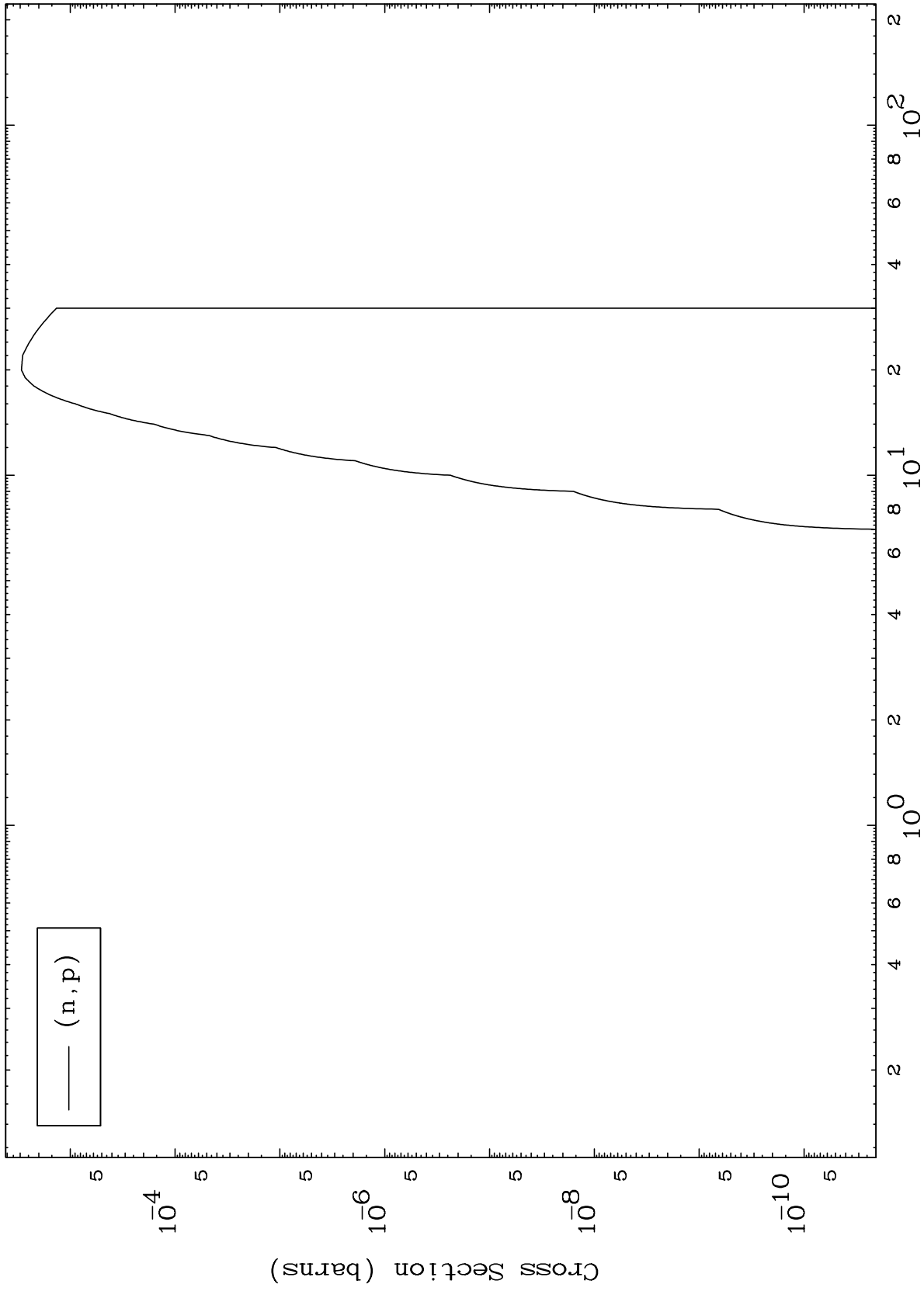
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



7

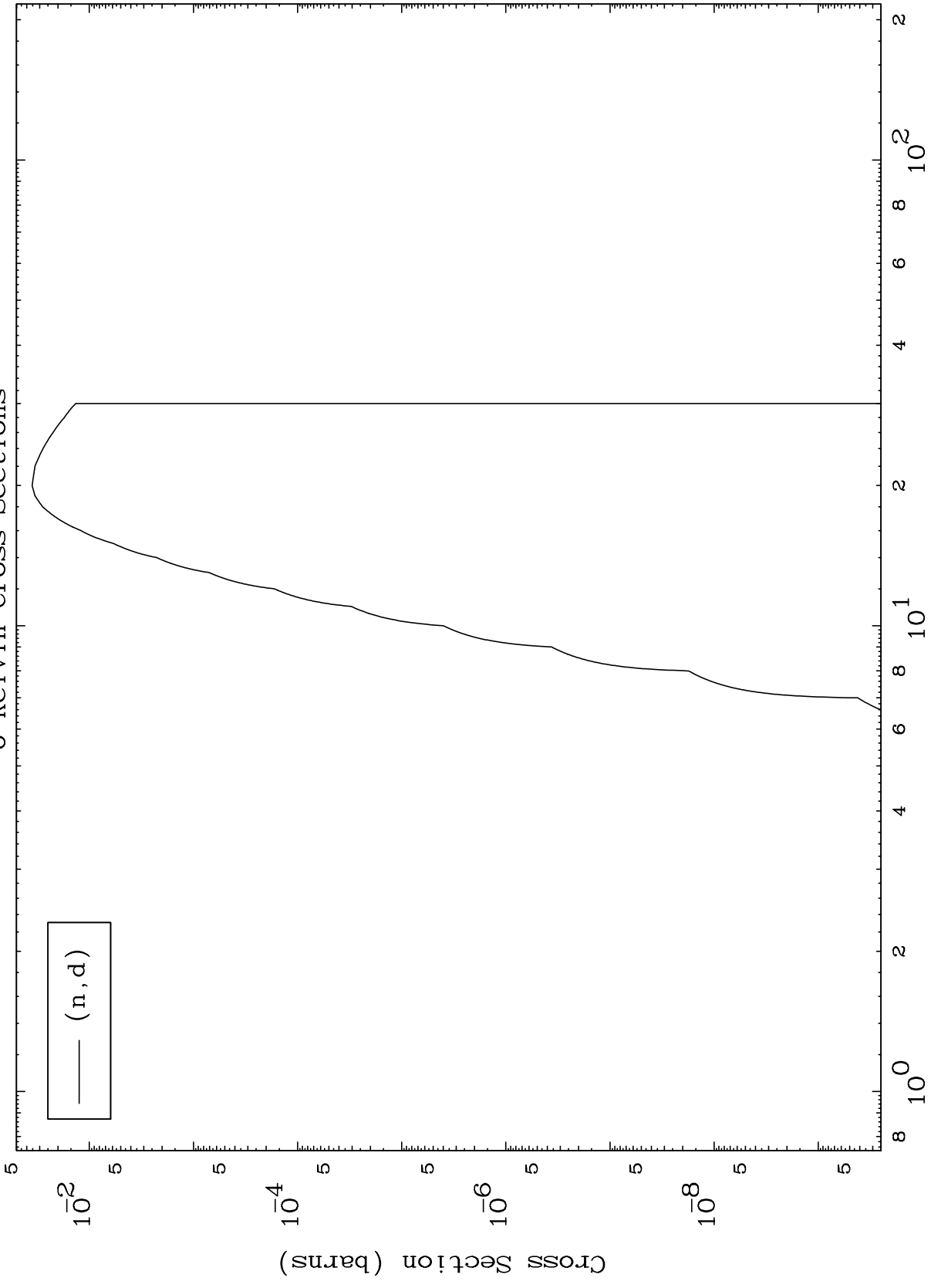
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



8

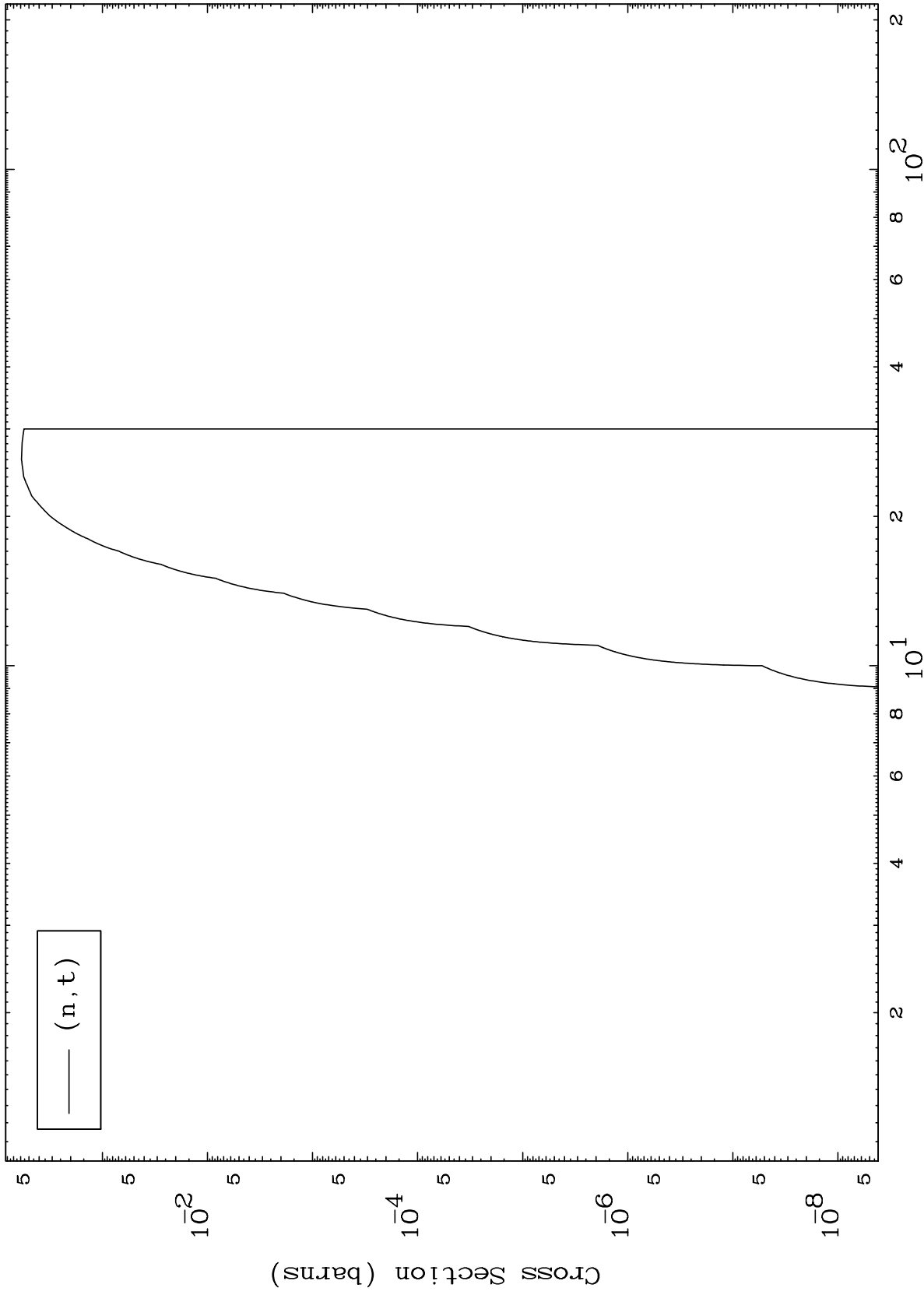
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



9

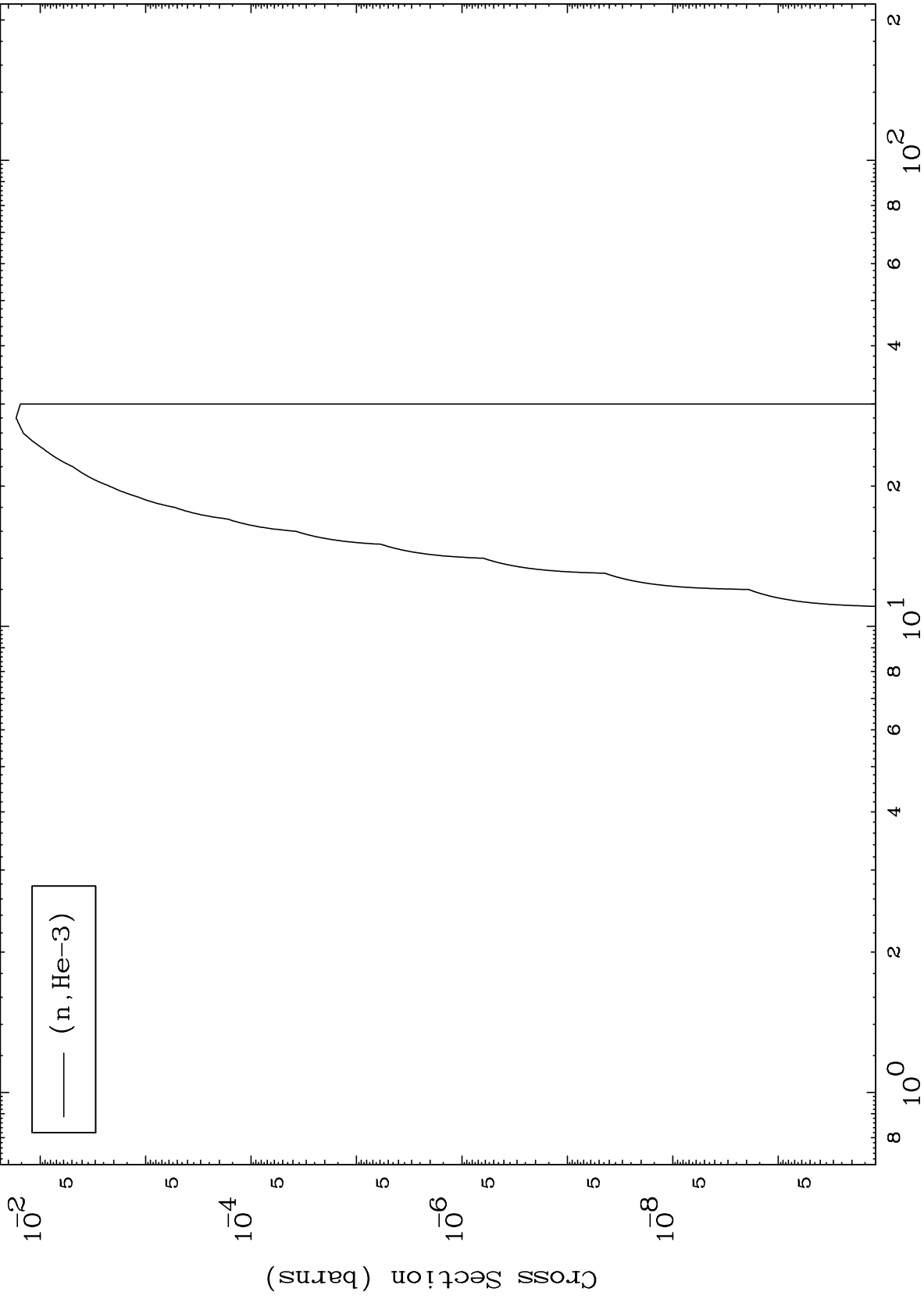
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



10

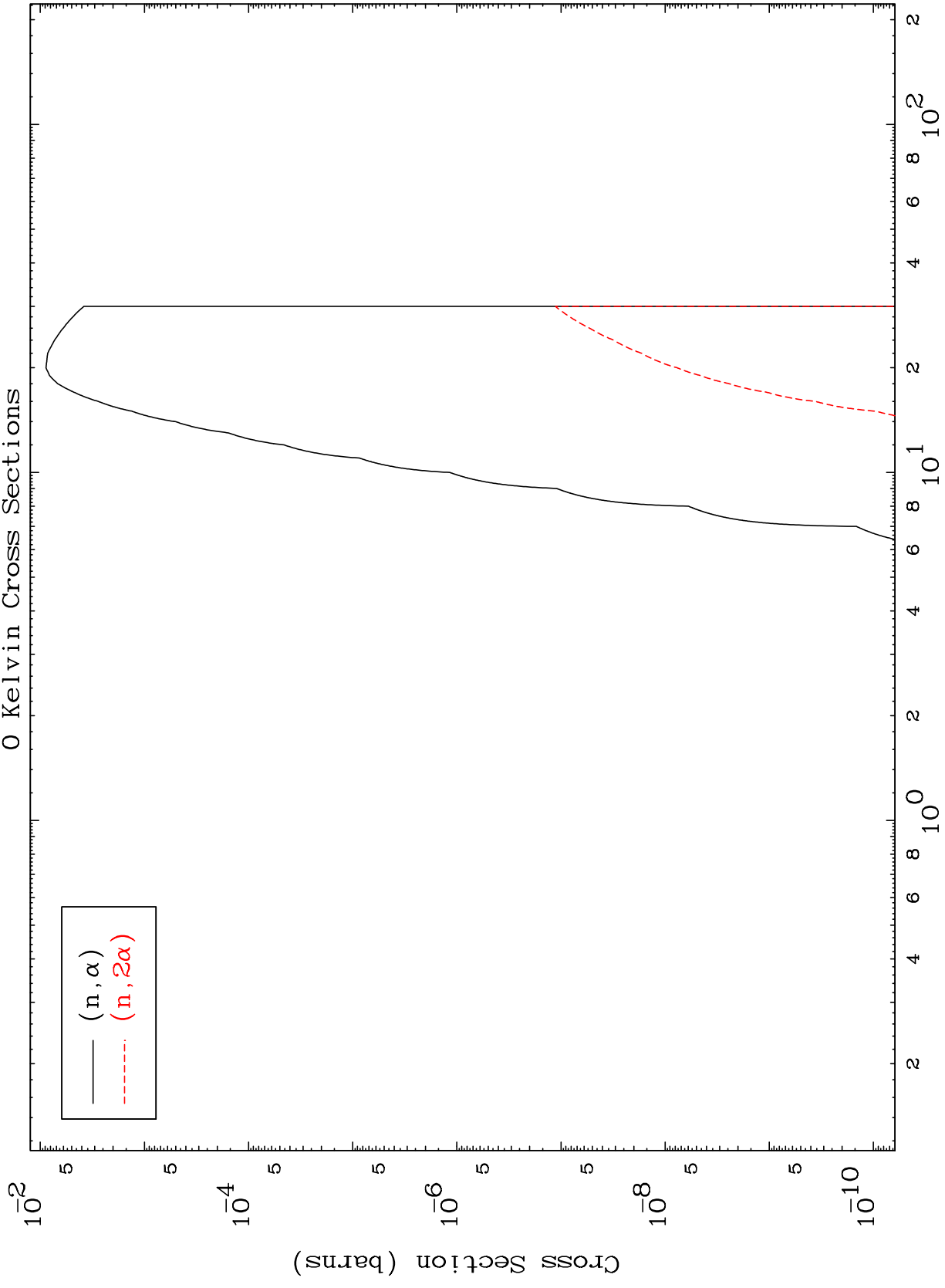
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143

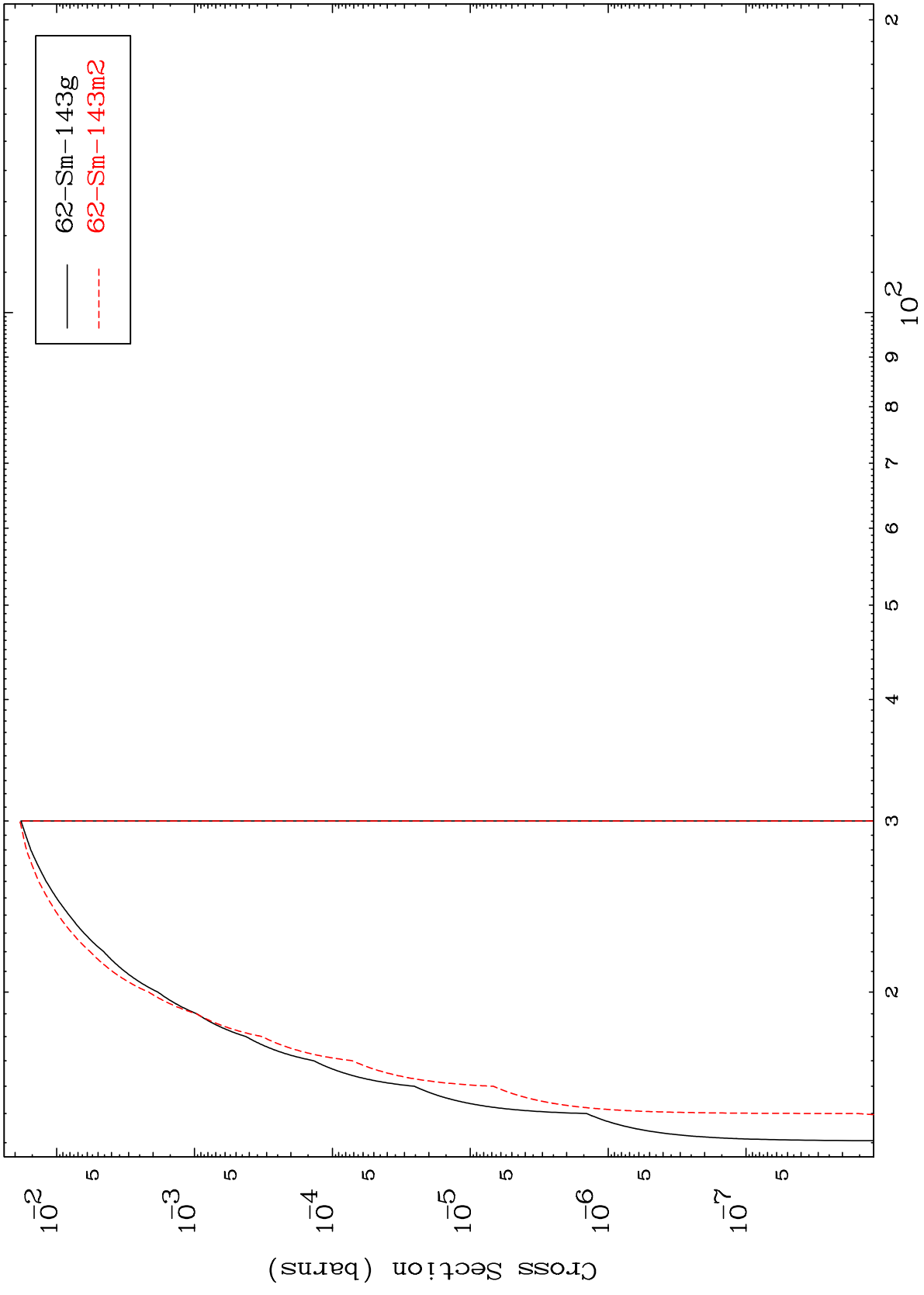


MAT 6028

(n,3n)

60-Nd-143

Radionuclide Production Cross Section



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

12

Incident Energy (MeV)

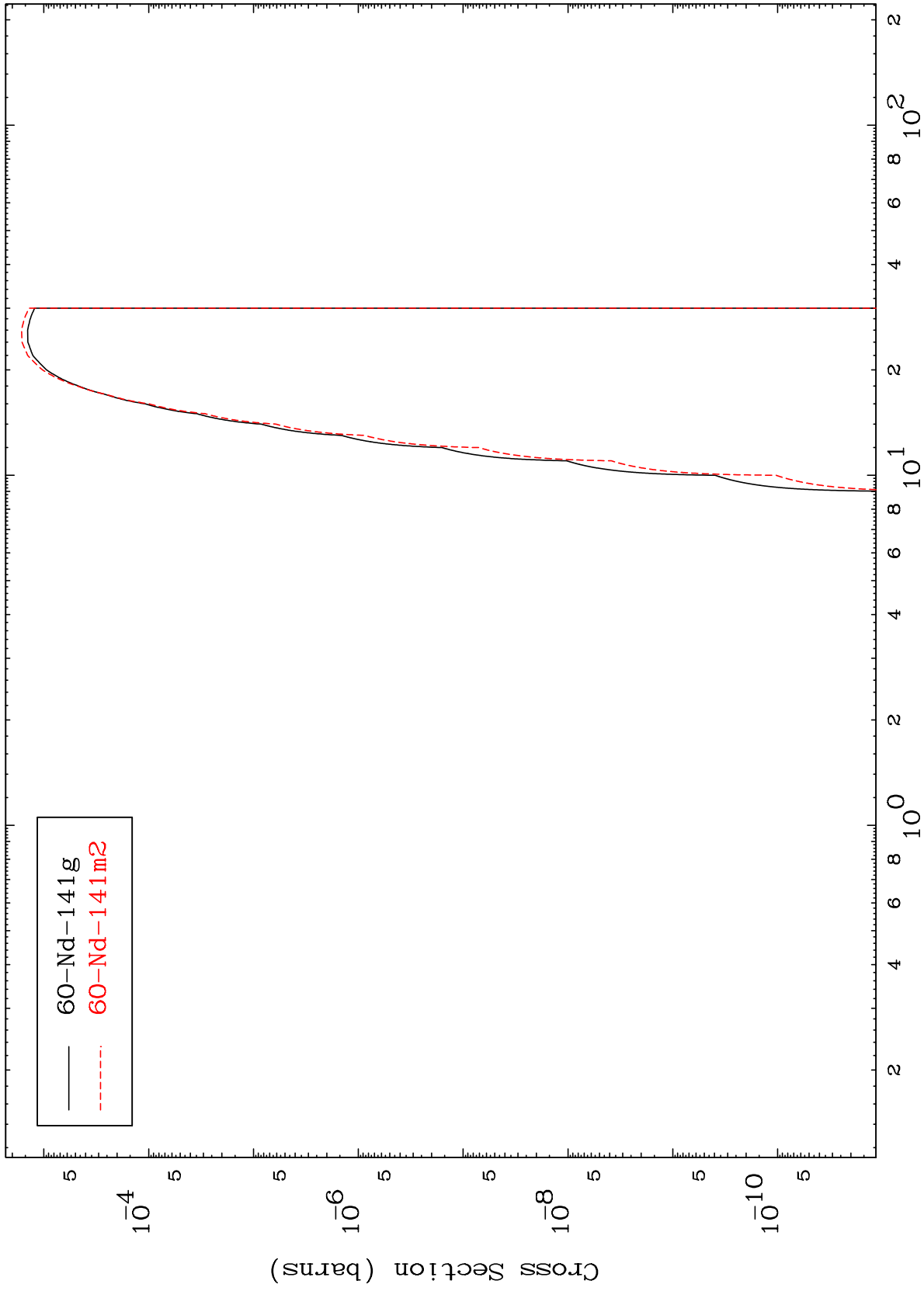
60-Nd-143

MAT 6028

(n,n') α

60-Nd-143

Radionuclide Production Cross Section



13

Incident Energy (MeV)

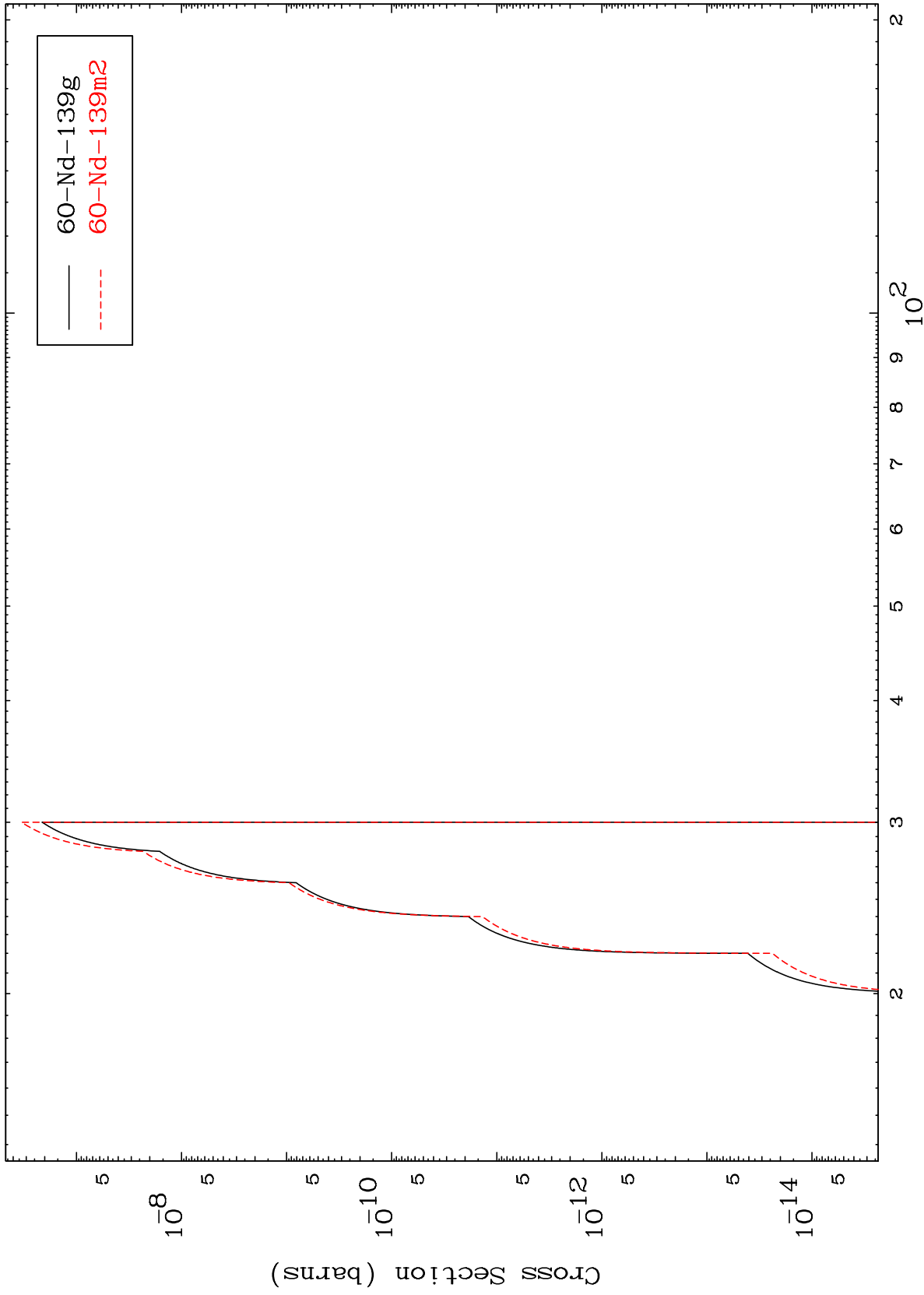
60-Nd-143

MAT 6028

(n,3n) α

$^{60}\text{Nd}-143$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

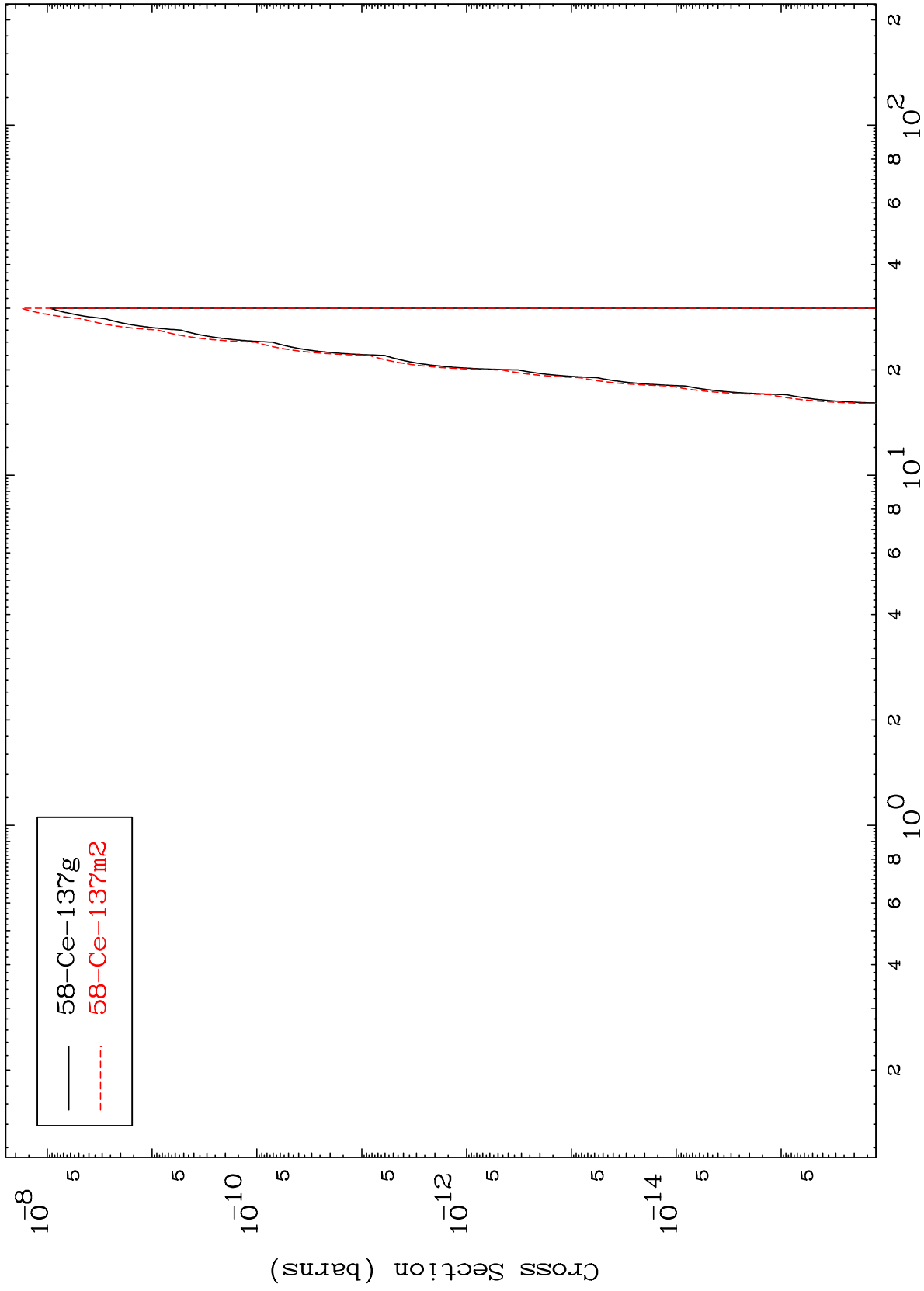
$^{60}\text{Nd}-143$

MAT 6028

(n,n') 2 α

60-Nd-143

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-143