

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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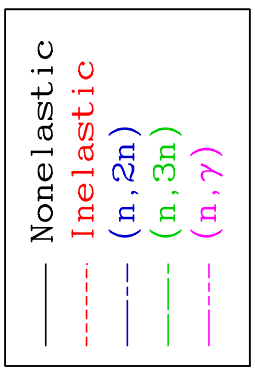
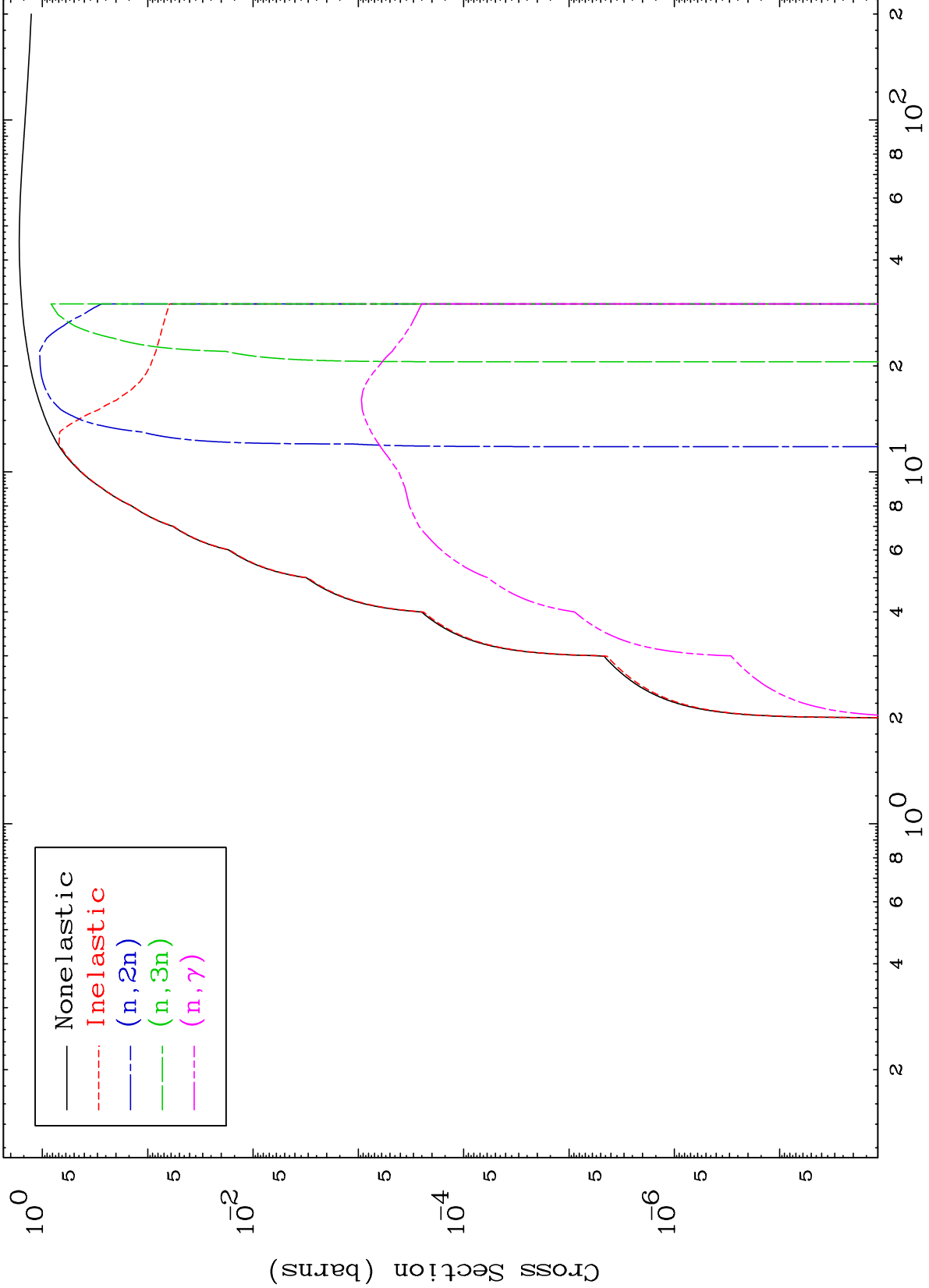
Tele: 925-443-1911

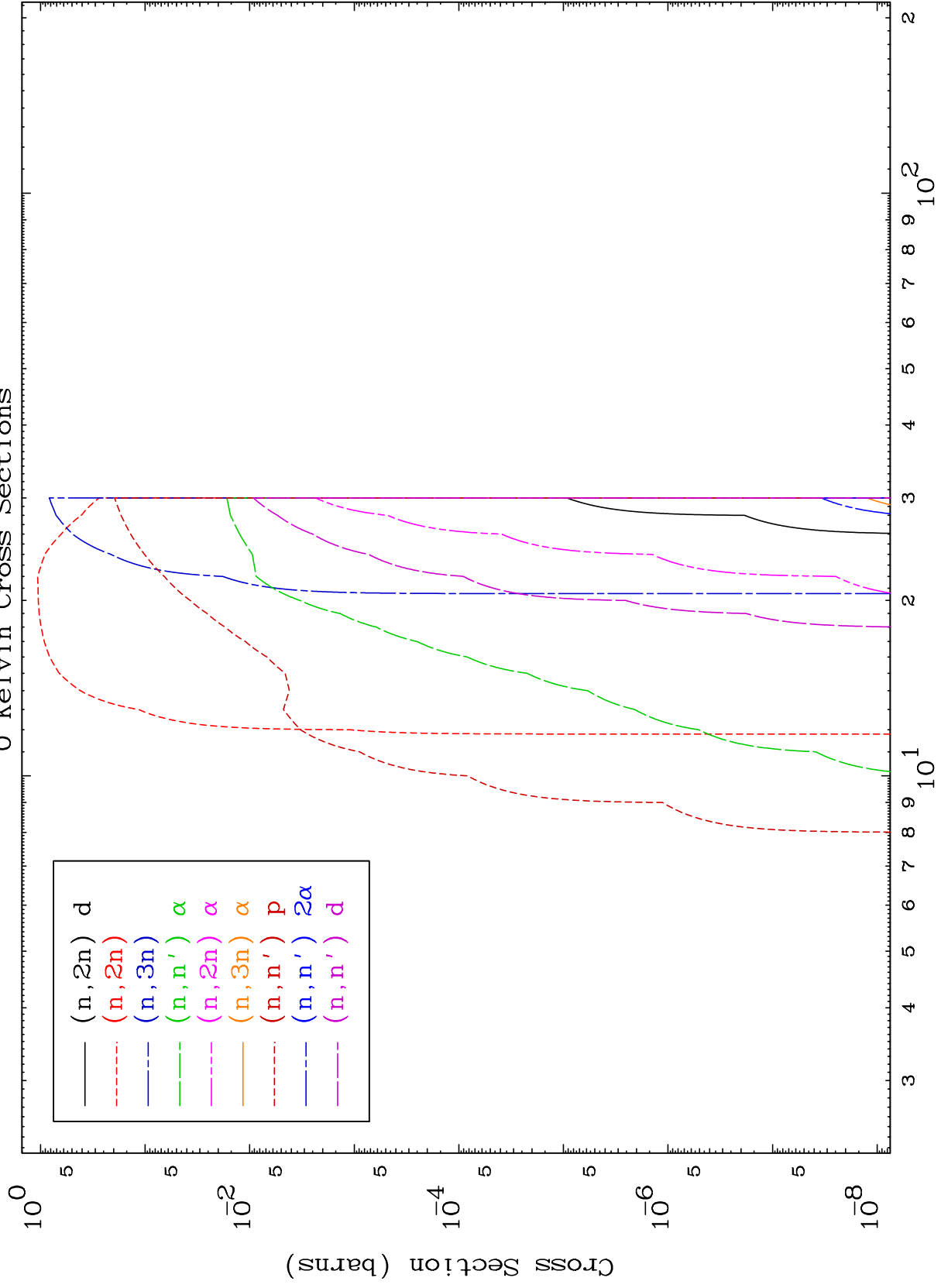
E.Mail:redcullen1@comcast.net

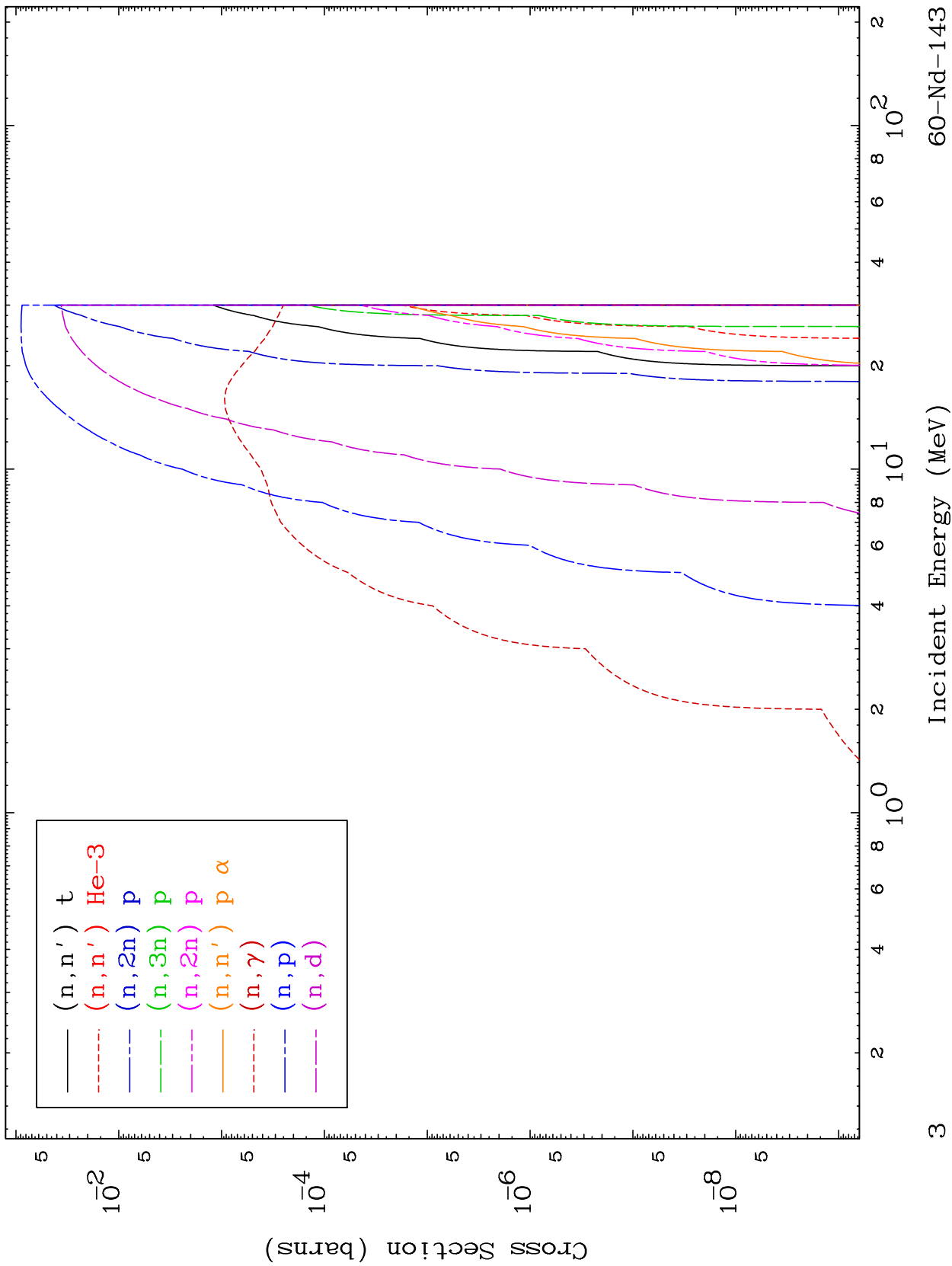
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

0 Kelvin Cross Sections



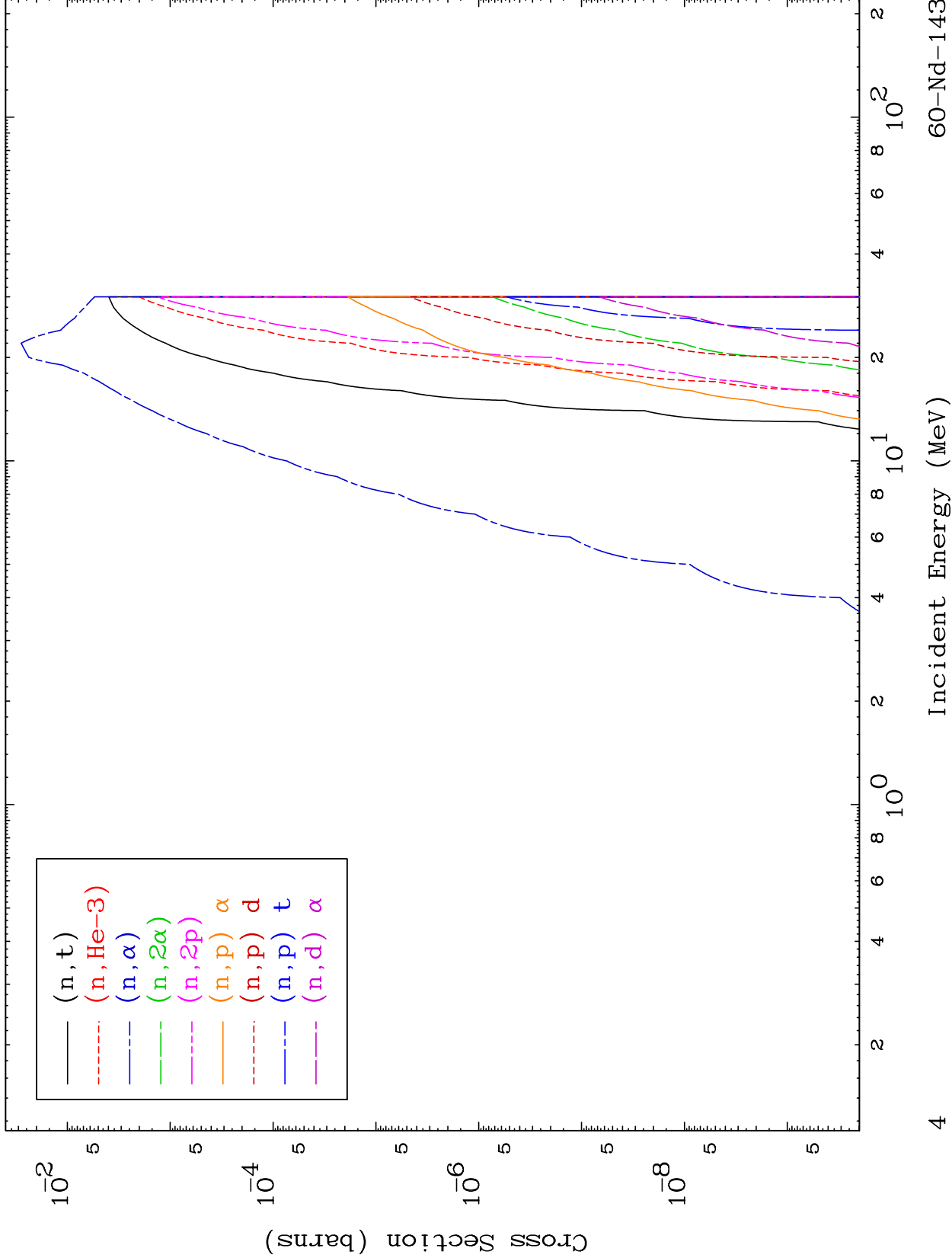




MAT 6028

Proton Neutron Absorption
0 Kelvin Cross Sections

60-Nd-143

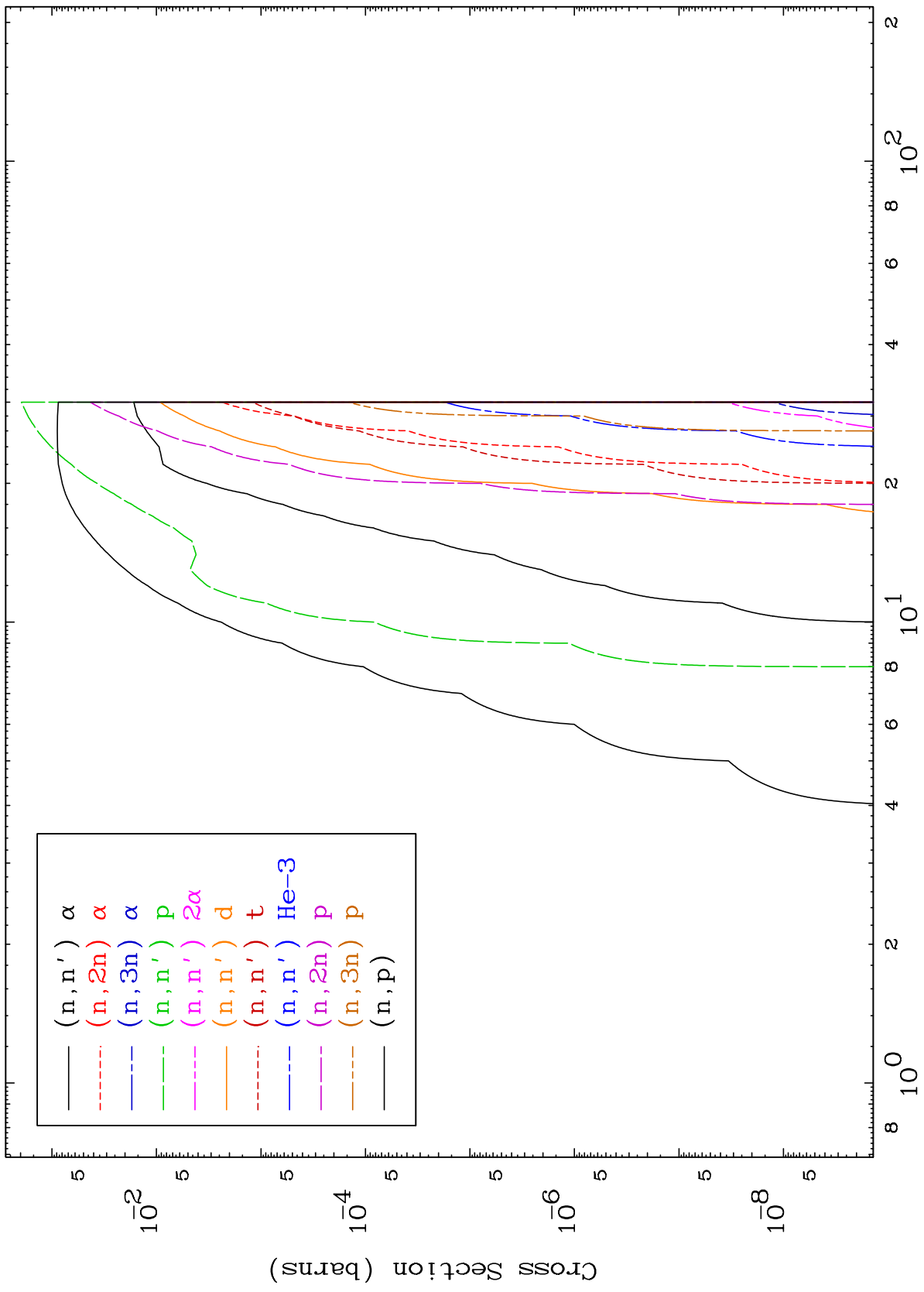


60-Nd-143

MAT 6028

Proton Charged Particle
0 Kelvin Cross Sections

60-Nd-143



5

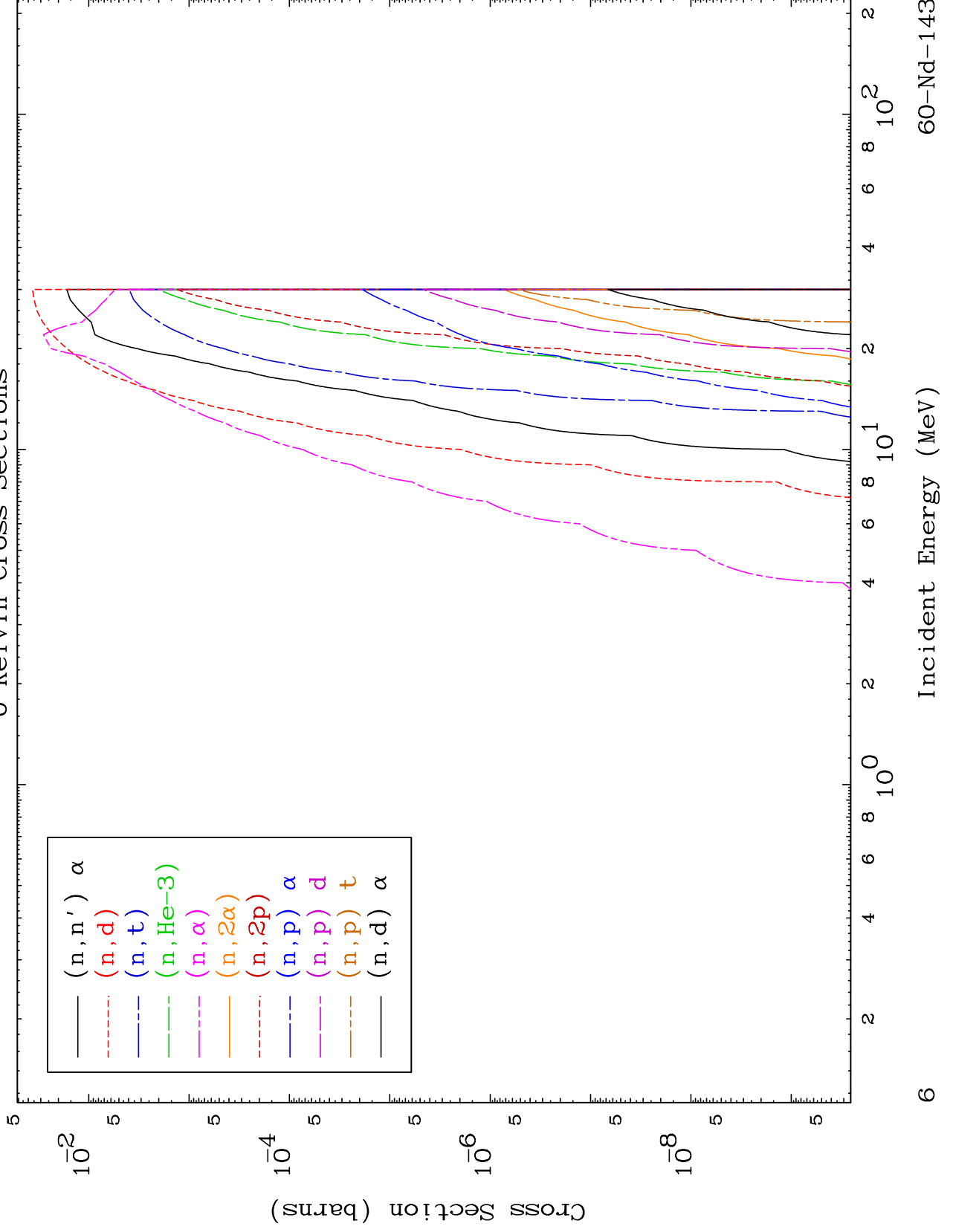
Incident Energy (MeV)

60-Nd-143

MAT 6028

Proton Charged Particle
0 Kelvin Cross Sections

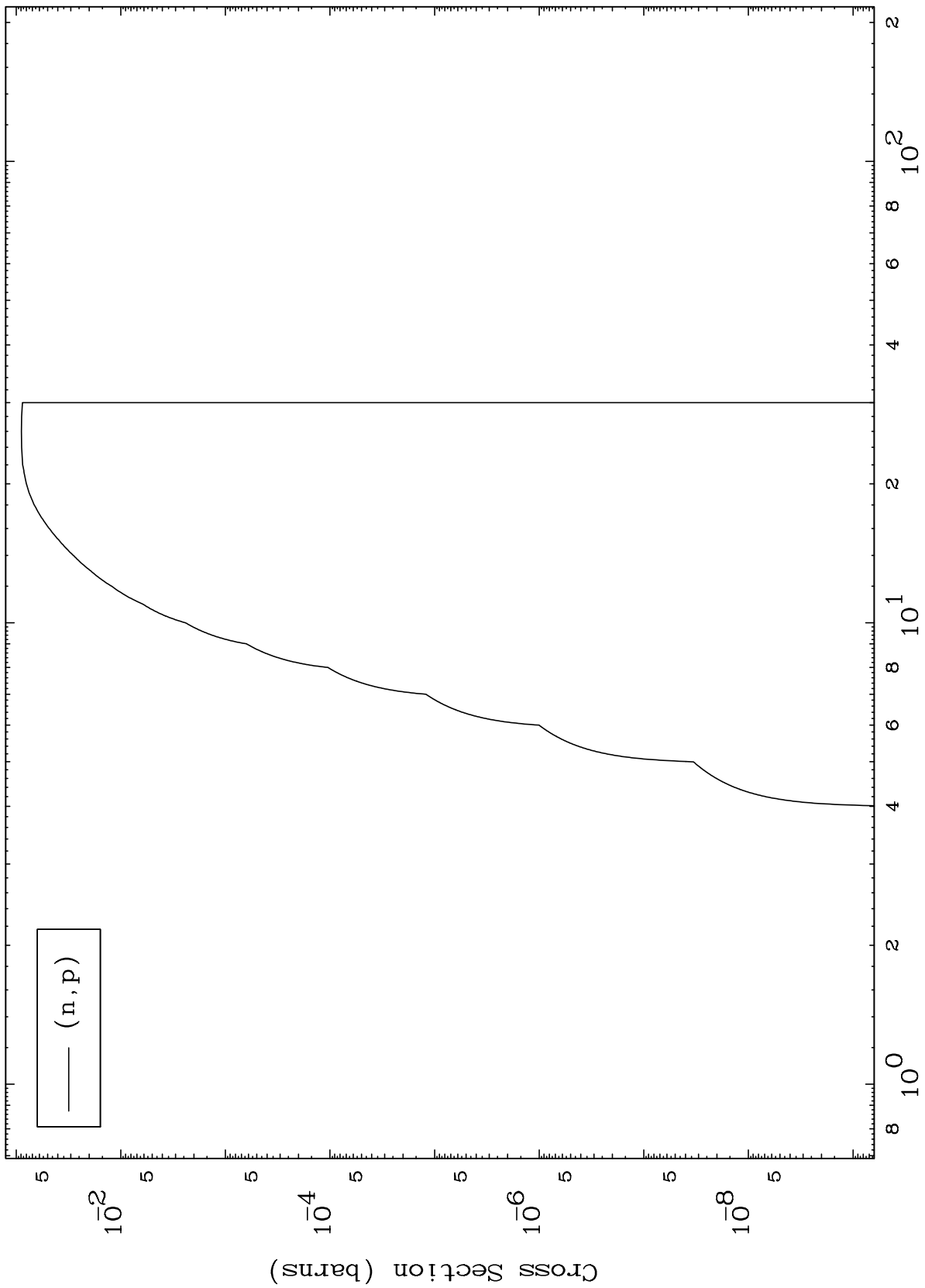
60-Nd-143



MAT 6028

60-Nd-143

(p,p) Levels
0 Kelvin Cross Sections



60-Nd-143

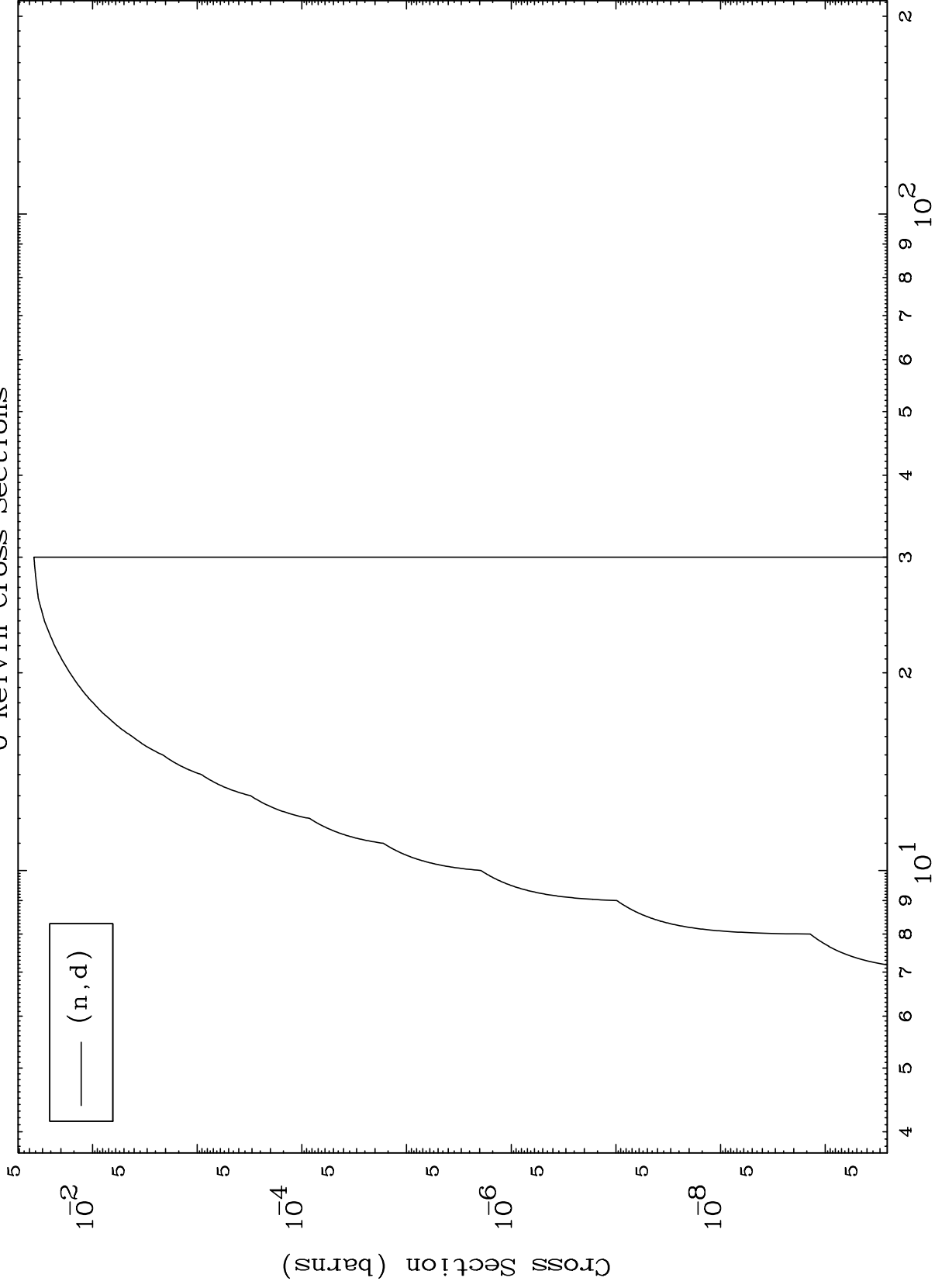
Incident Energy (MeV)

7

MAT 6028

(p,d) Levels
0 Kelvin Cross Sections

60-Nd-143



8

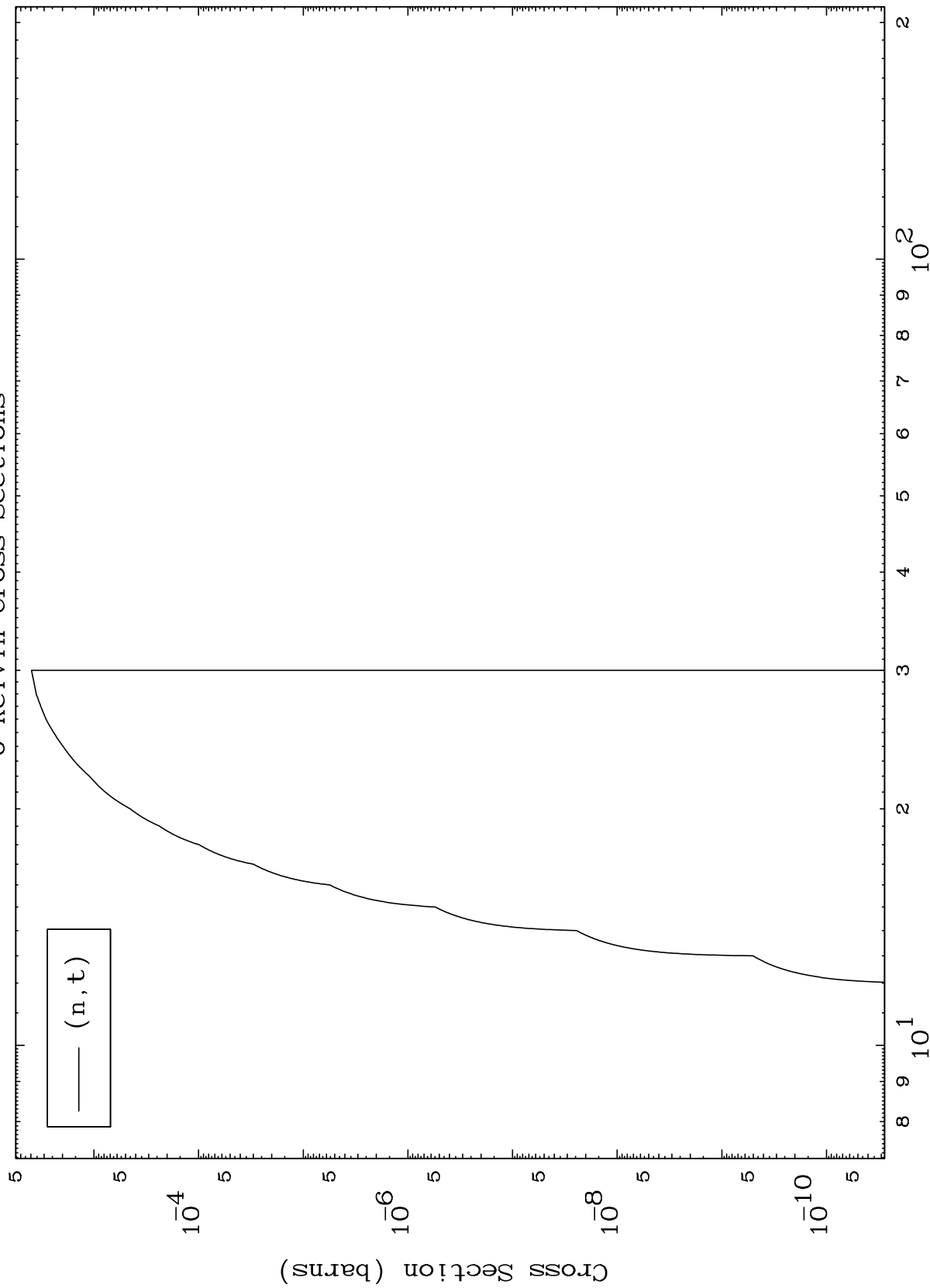
Incident Energy (MeV)

60-Nd-143

MAT 6028

(p,t) Levels
0 Kelvin Cross Sections

60-Nd-143



9

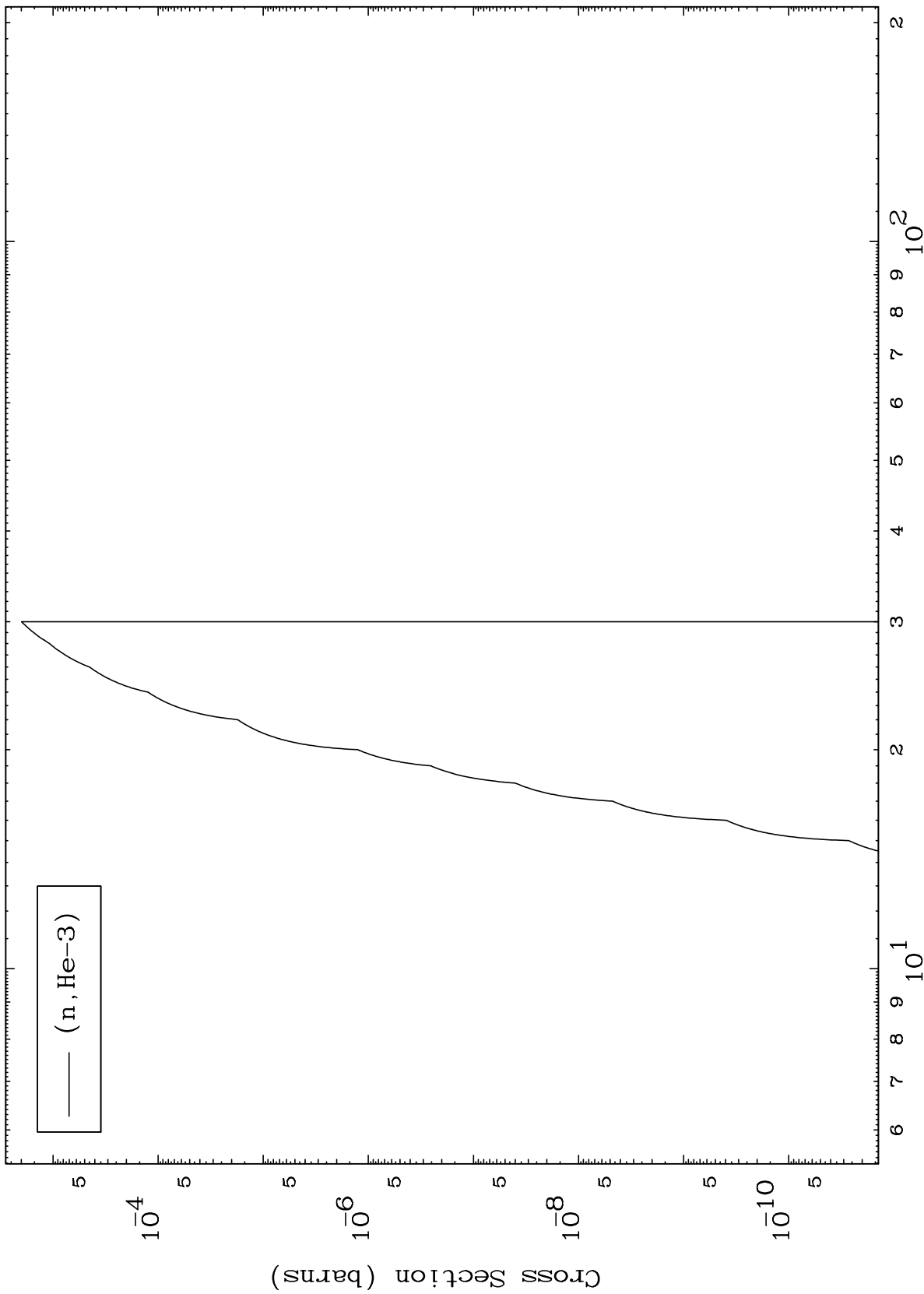
Incident Energy (MeV)

60-Nd-143

MAT 6028

60-Nd-143

(p,He3) Levels
0 Kelvin Cross Sections



60-Nd-143

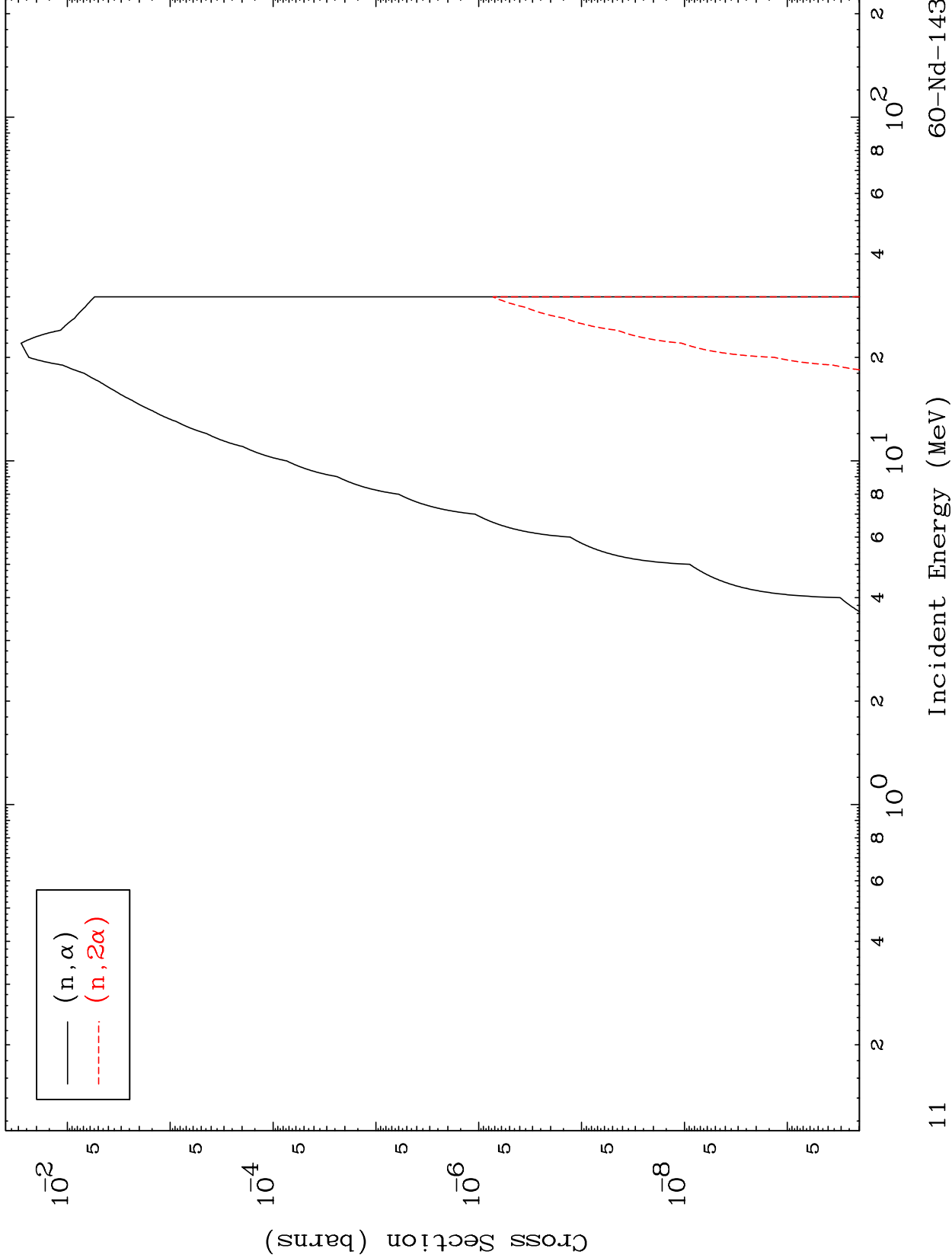
Incident Energy (MeV)

10

MAT 6028

0 Kelvin Cross Sections
(p, α) Levels

60-Nd-143

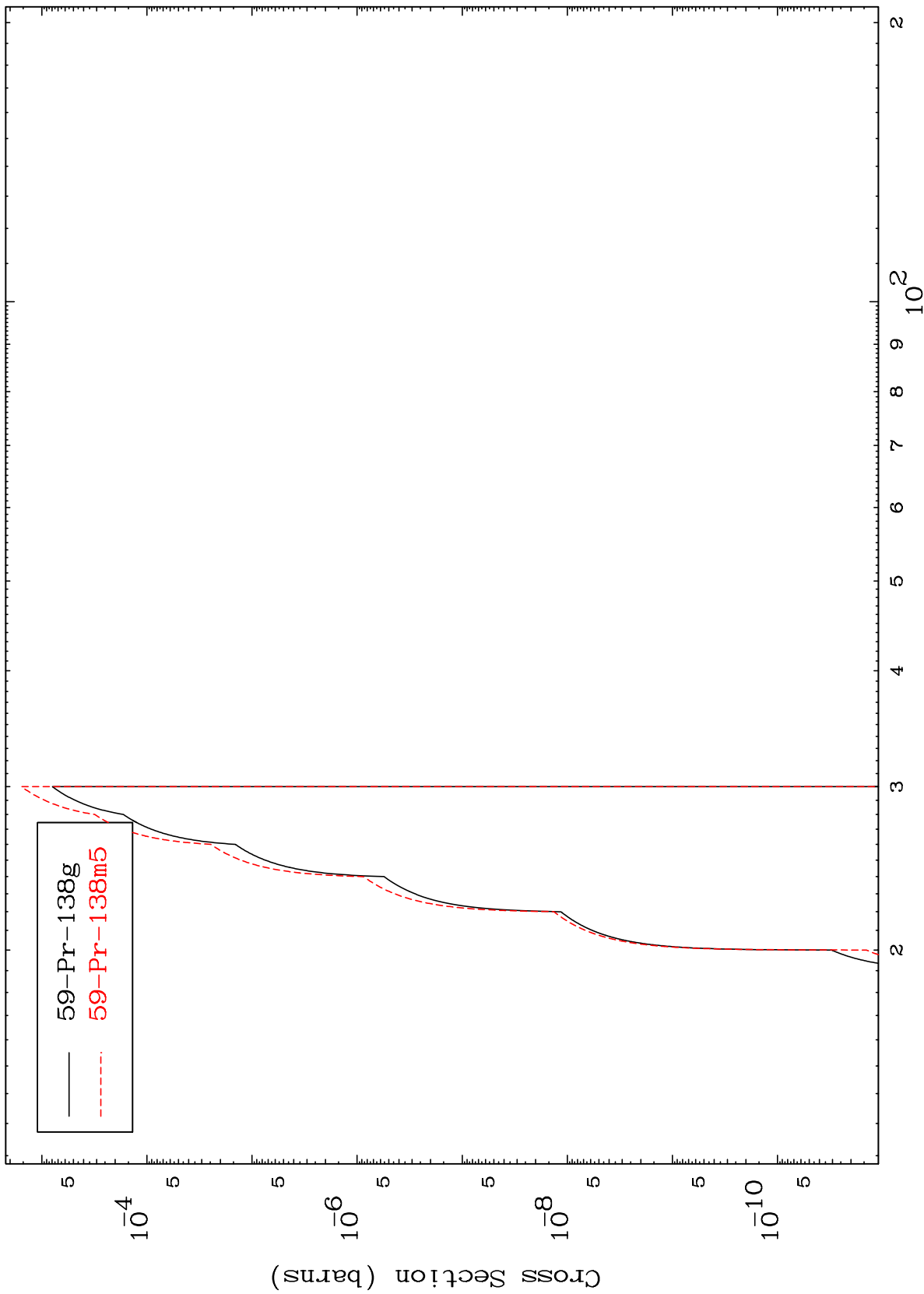


MAT 6028

(n,2n) α

60-Nd-143

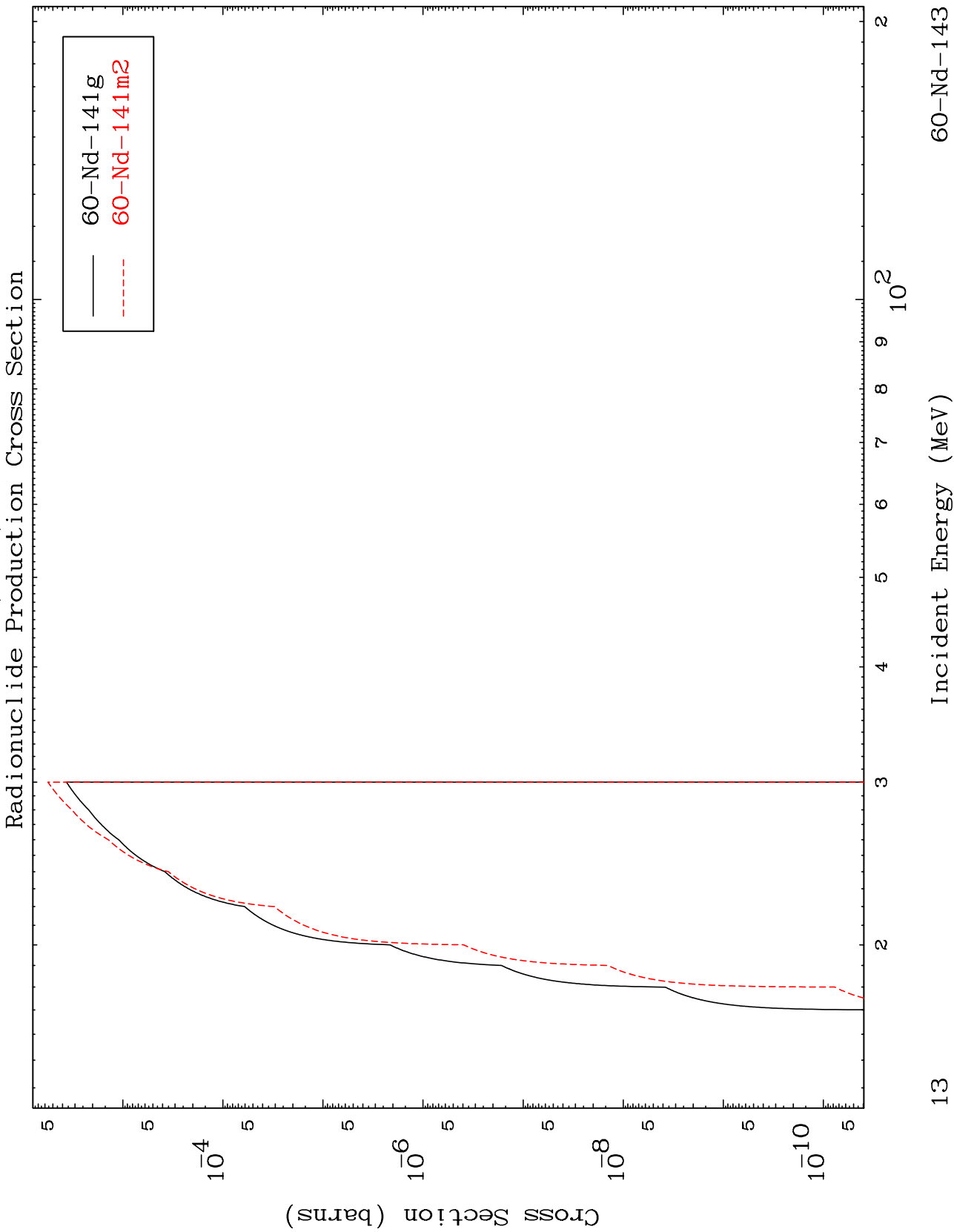
Radionuclide Production Cross Section



MAT 6028

(n,n') d

60-Nd-143



13

Incident Energy (MeV)

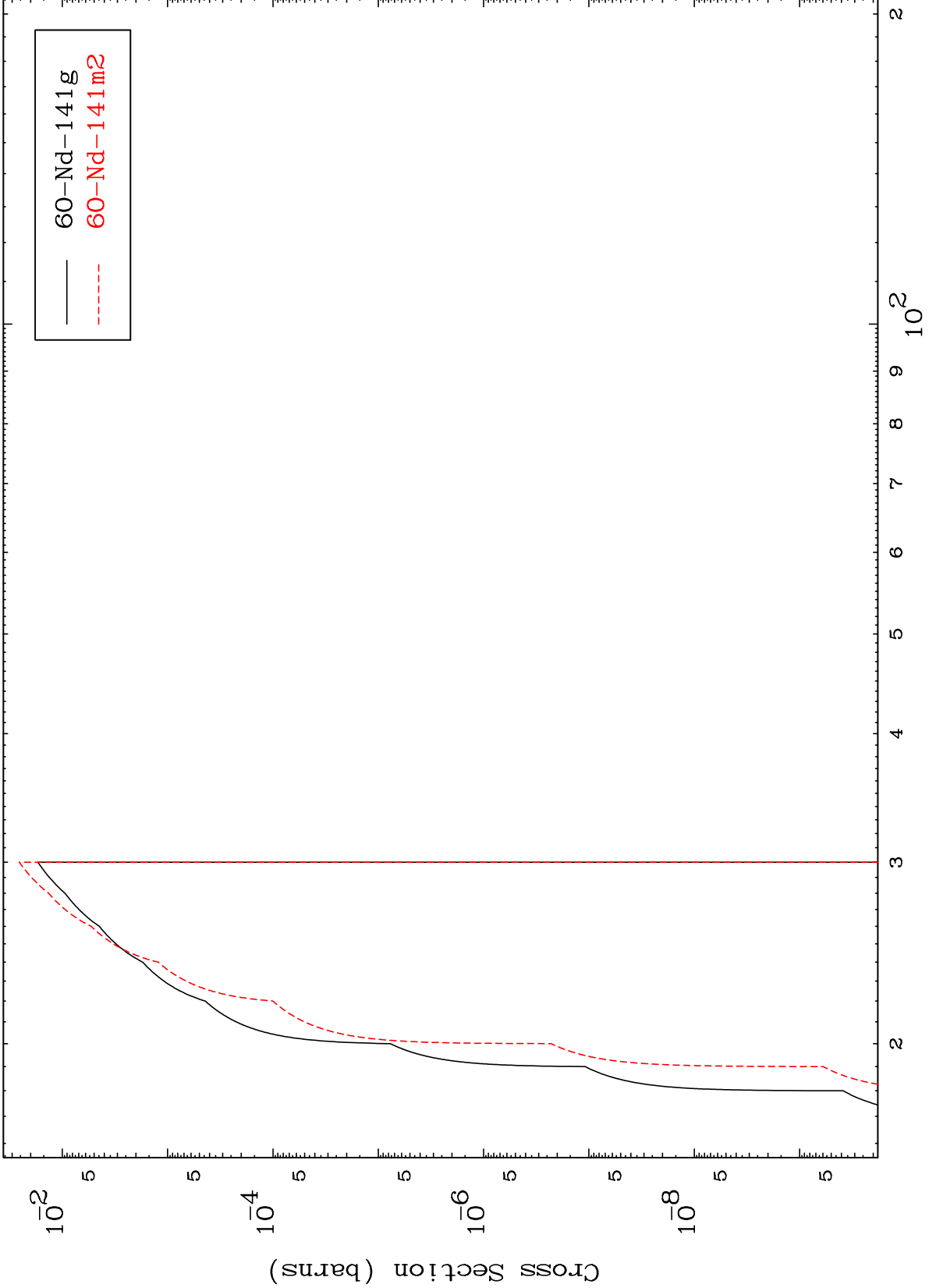
60-Nd-143

MAT 6028

(n,2n) p

60-Nd-143

Radionuclide Production Cross Section



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

14

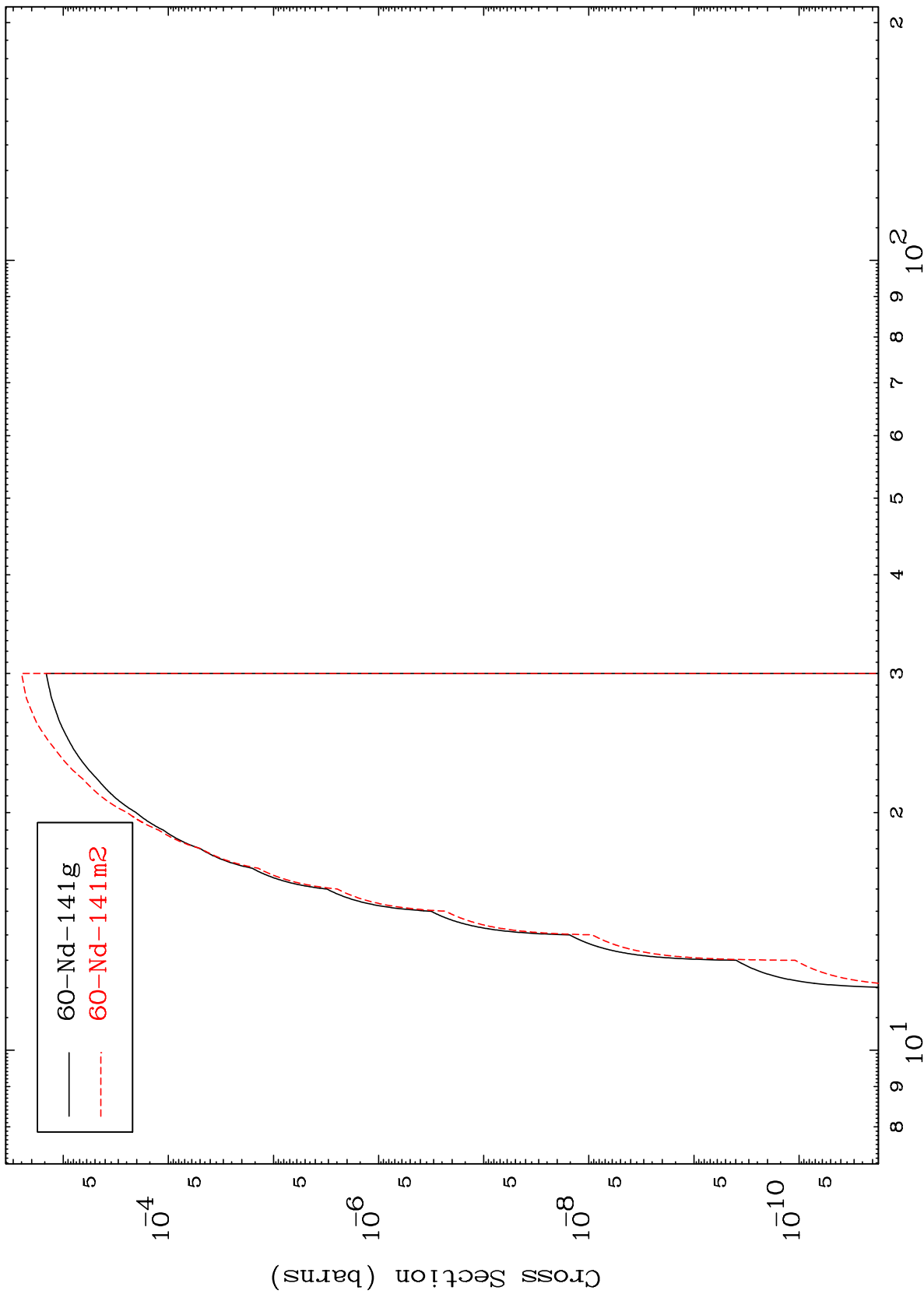
Incident Energy (MeV)

60-Nd-143

MAT 6028

60-Nd-143

(n, t)
Radionuclide Production Cross Section



60-Nd-143

Incident Energy (MeV)

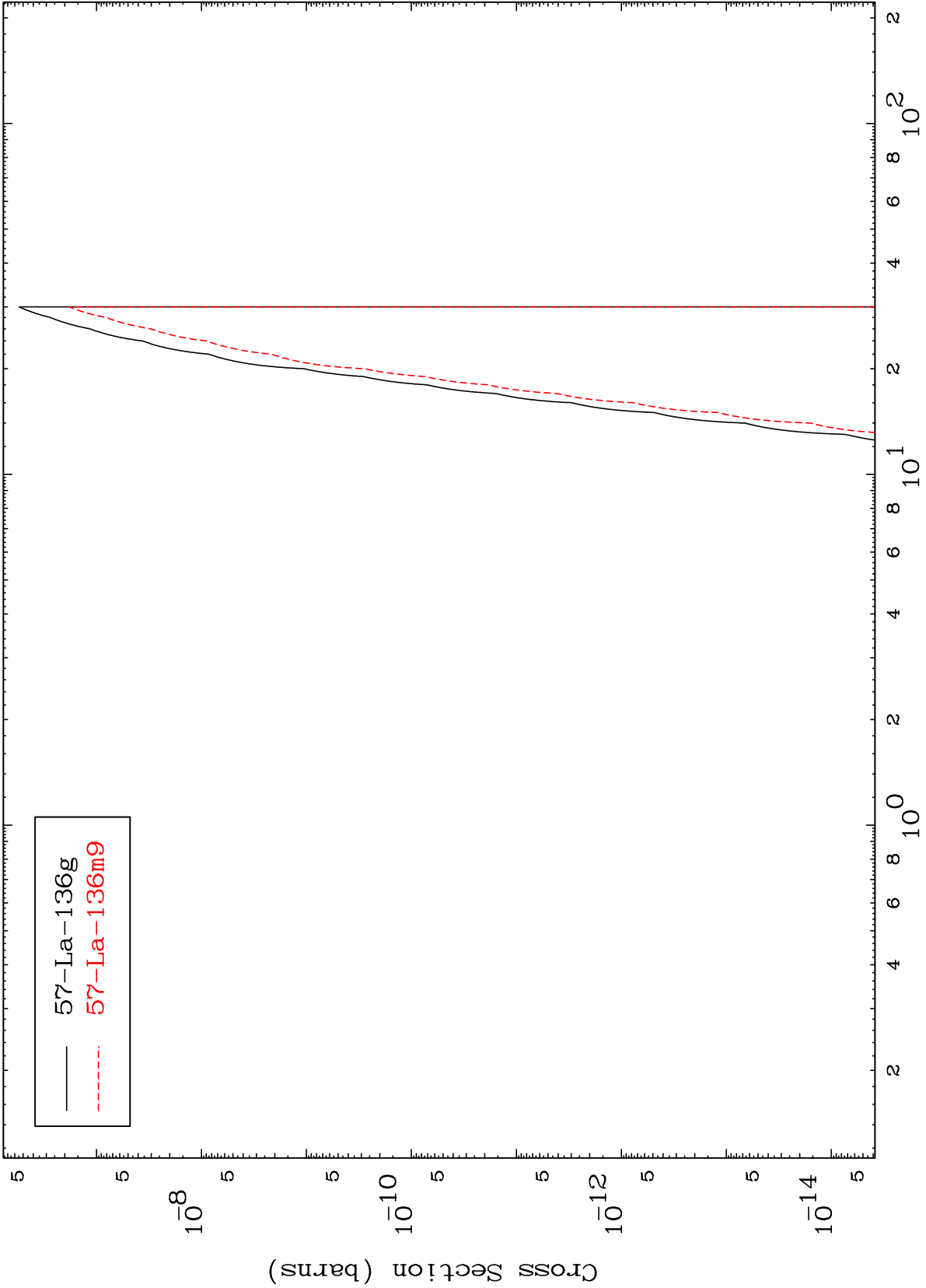
15

MAT 6028

(n,2α)

60-Nd-143

Radionuclide Production Cross Section



16

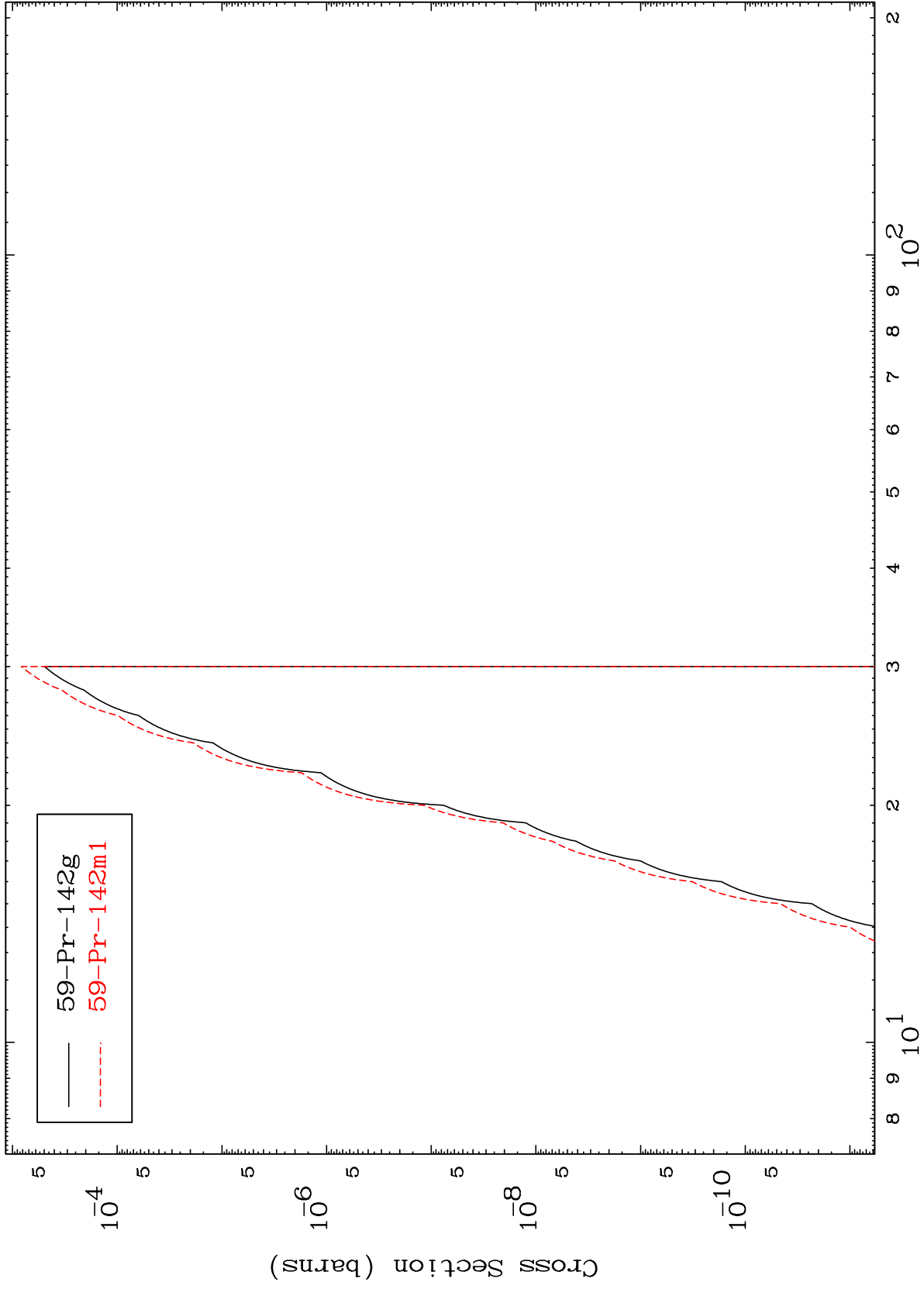
Incident Energy (MeV)

60-Nd-143

MAT 6028

60-Nd-143

(n,2p)
Radionuclide Production Cross Section



60-Nd-143

Incident Energy (MeV)

17

MAT 6028

(n,p) α

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

