

Program EVALPLOT
(Version 2021-1)

by

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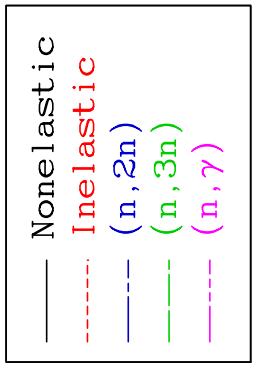
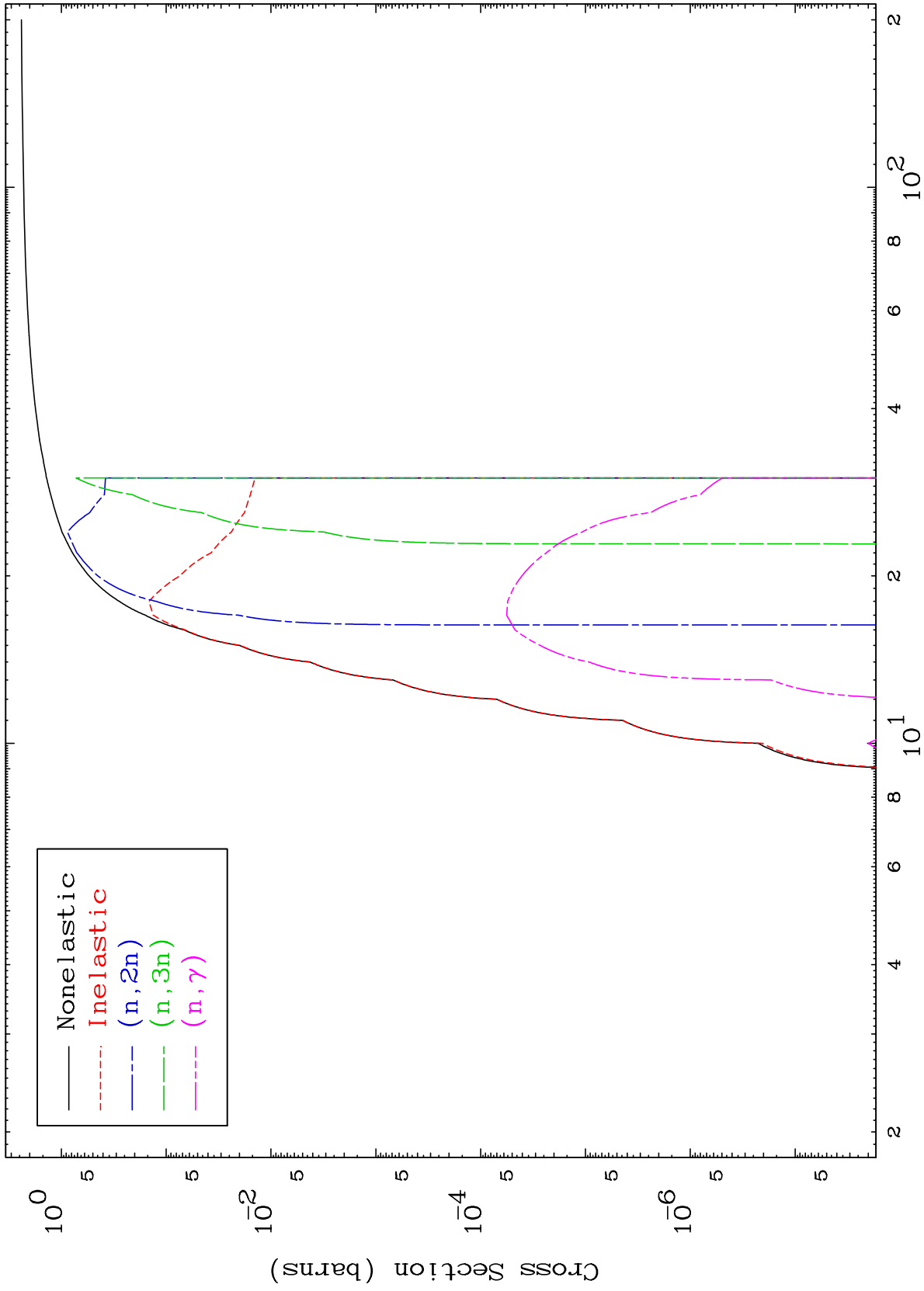
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6034

0 Kelvin α Major

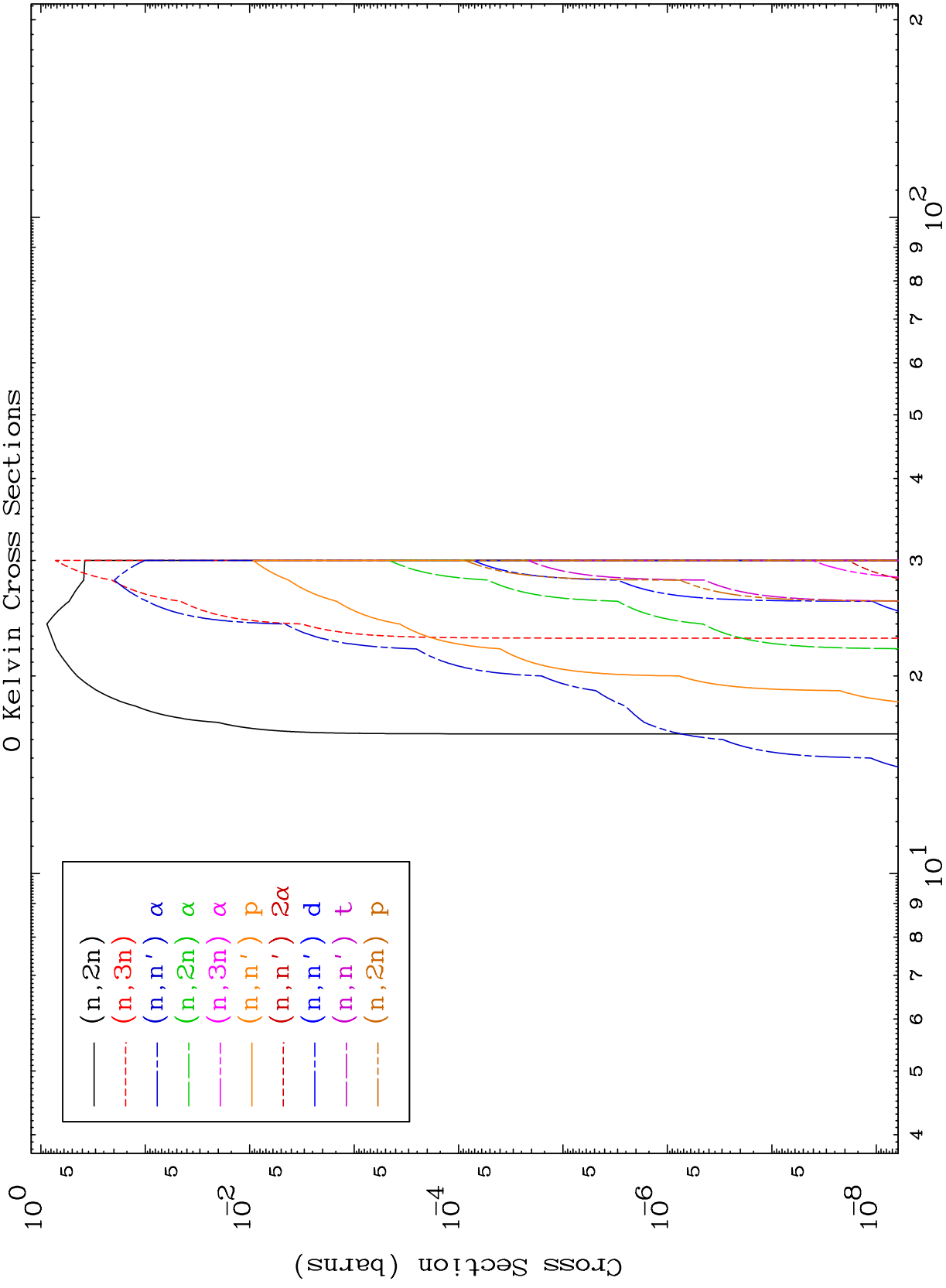
60-Nd-145



MAT 6034

α Neutron Absorption
0 Kelvin Cross Sections

60-Nd-145



2

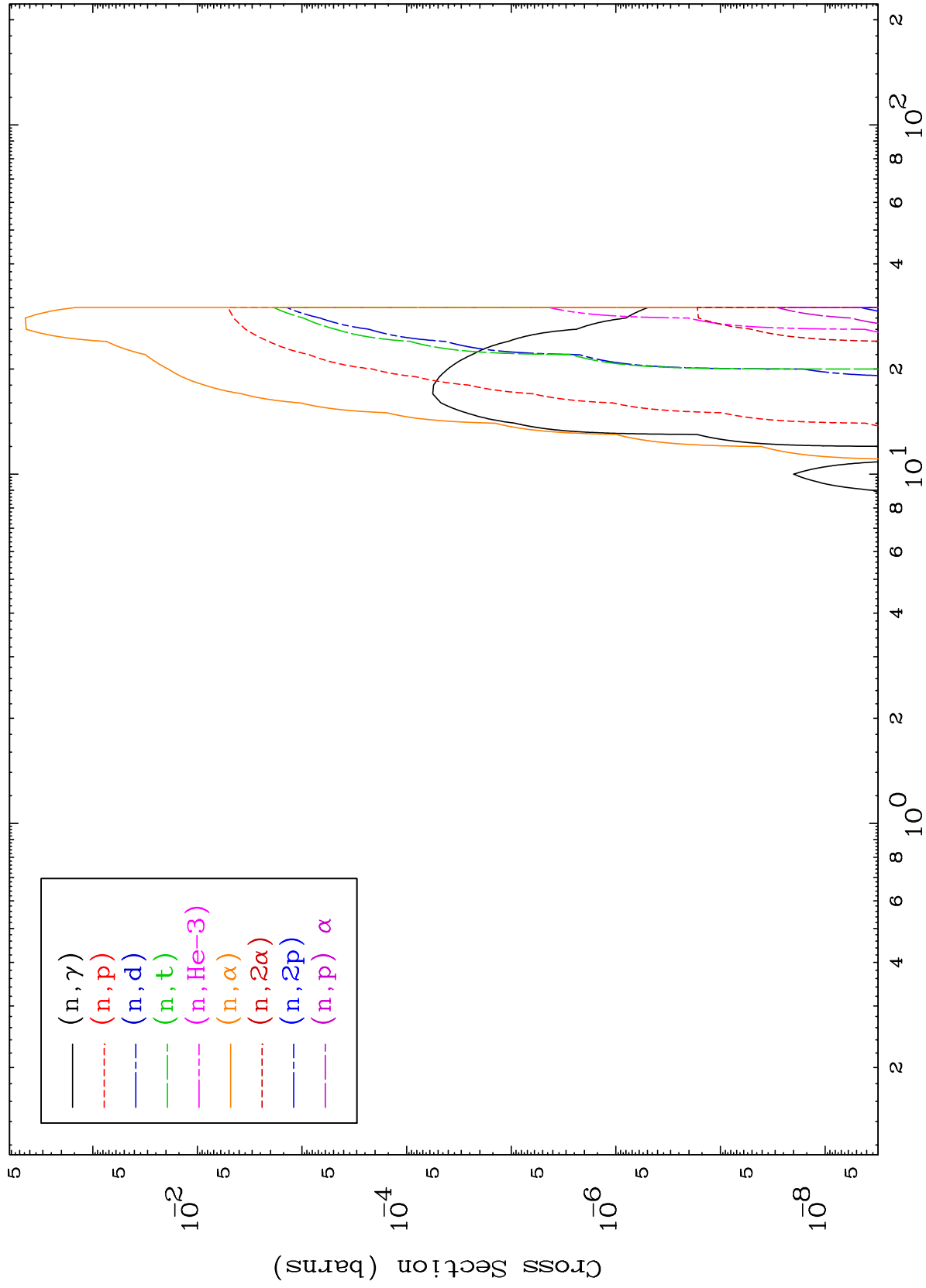
Incident Energy (MeV)

60-Nd-145

MAT 6034

α Neutron Absorption
0 Kelvin Cross Sections

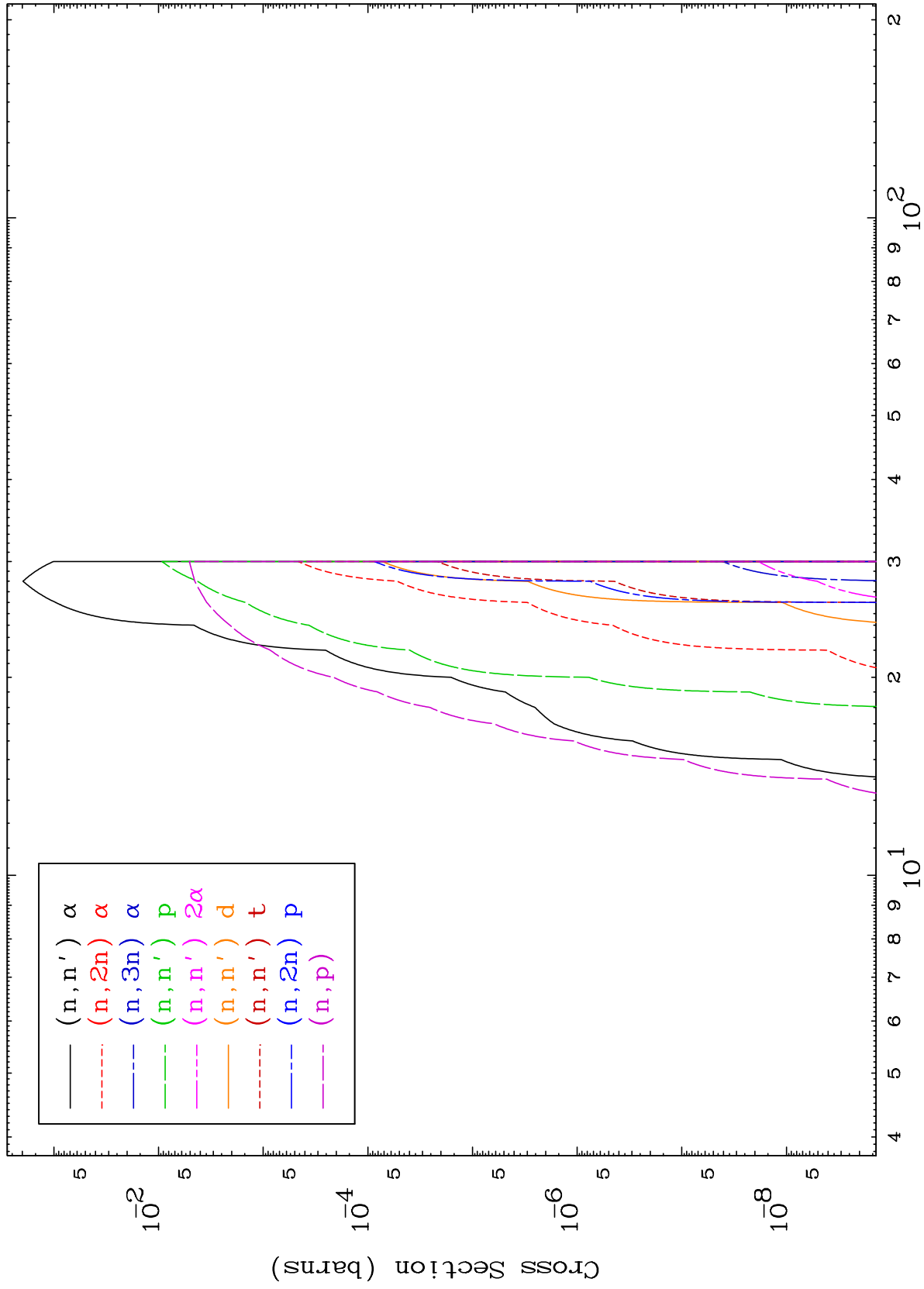
60-Nd-145



3

Incident Energy (MeV)

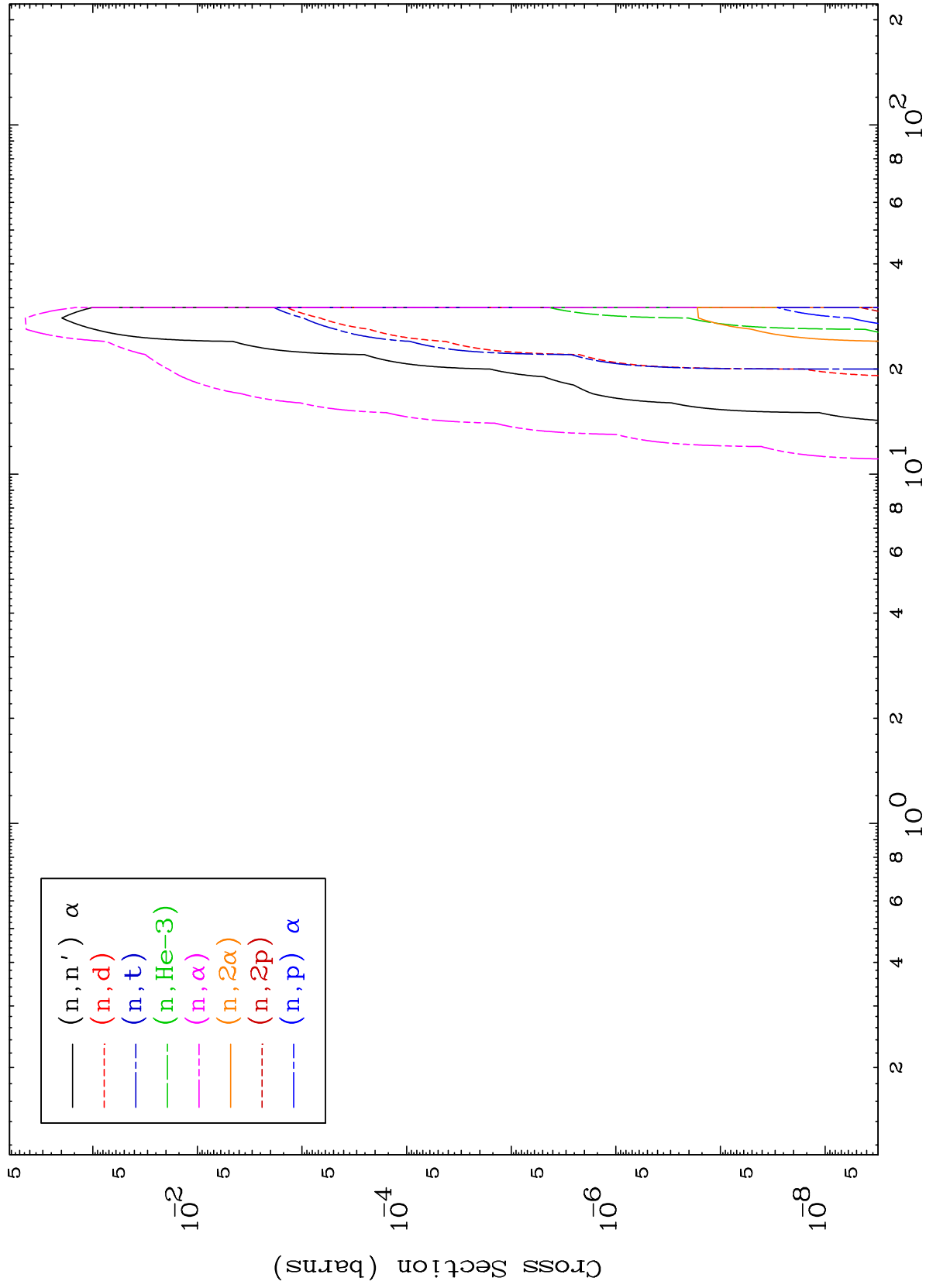
60-Nd-145



MAT 6034

α Charged Particle
0 Kelvin Cross Sections

60-Nd-145



5

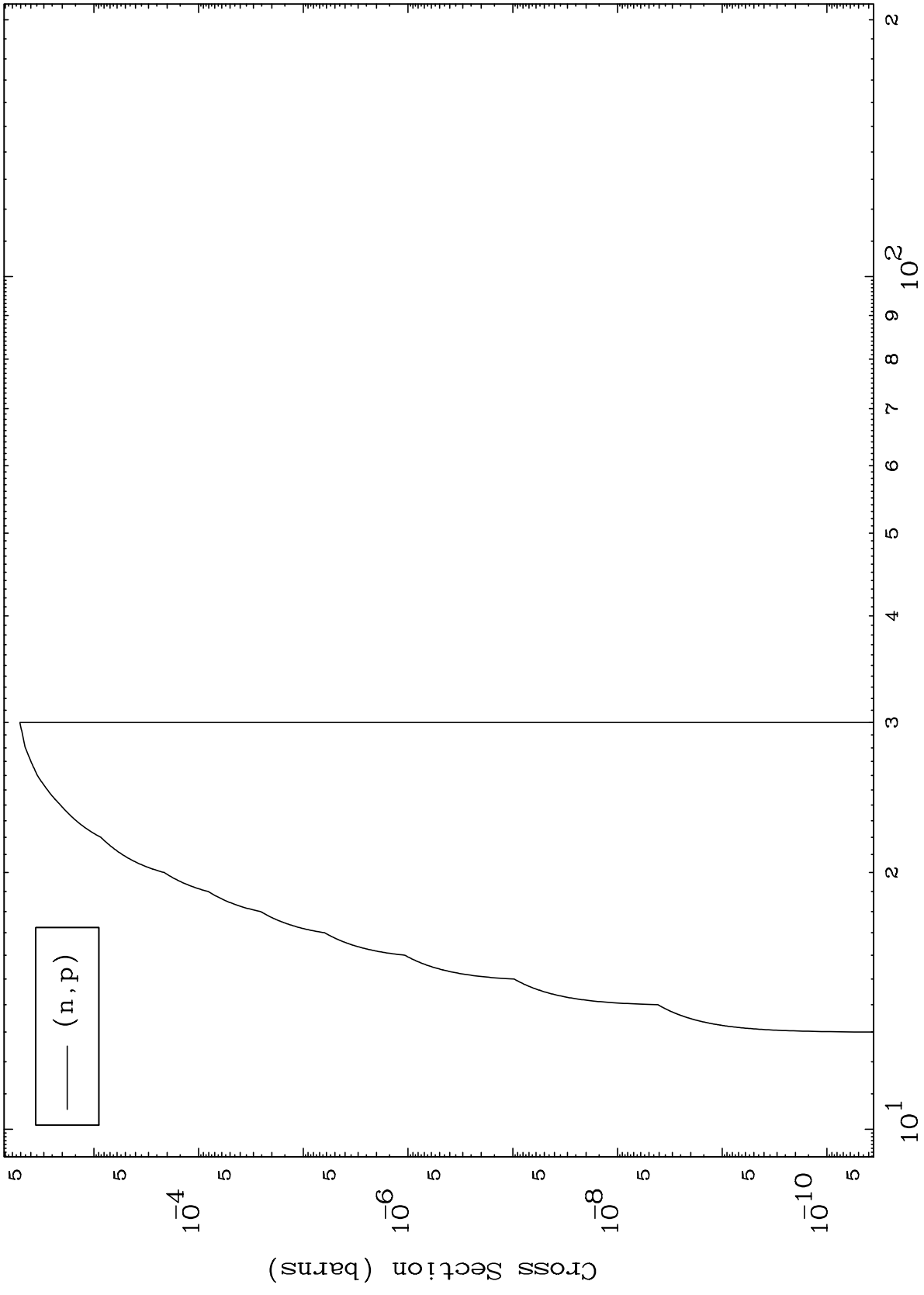
Incident Energy (MeV)

60-Nd-145

MAT 6034

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-145



60-Nd-145

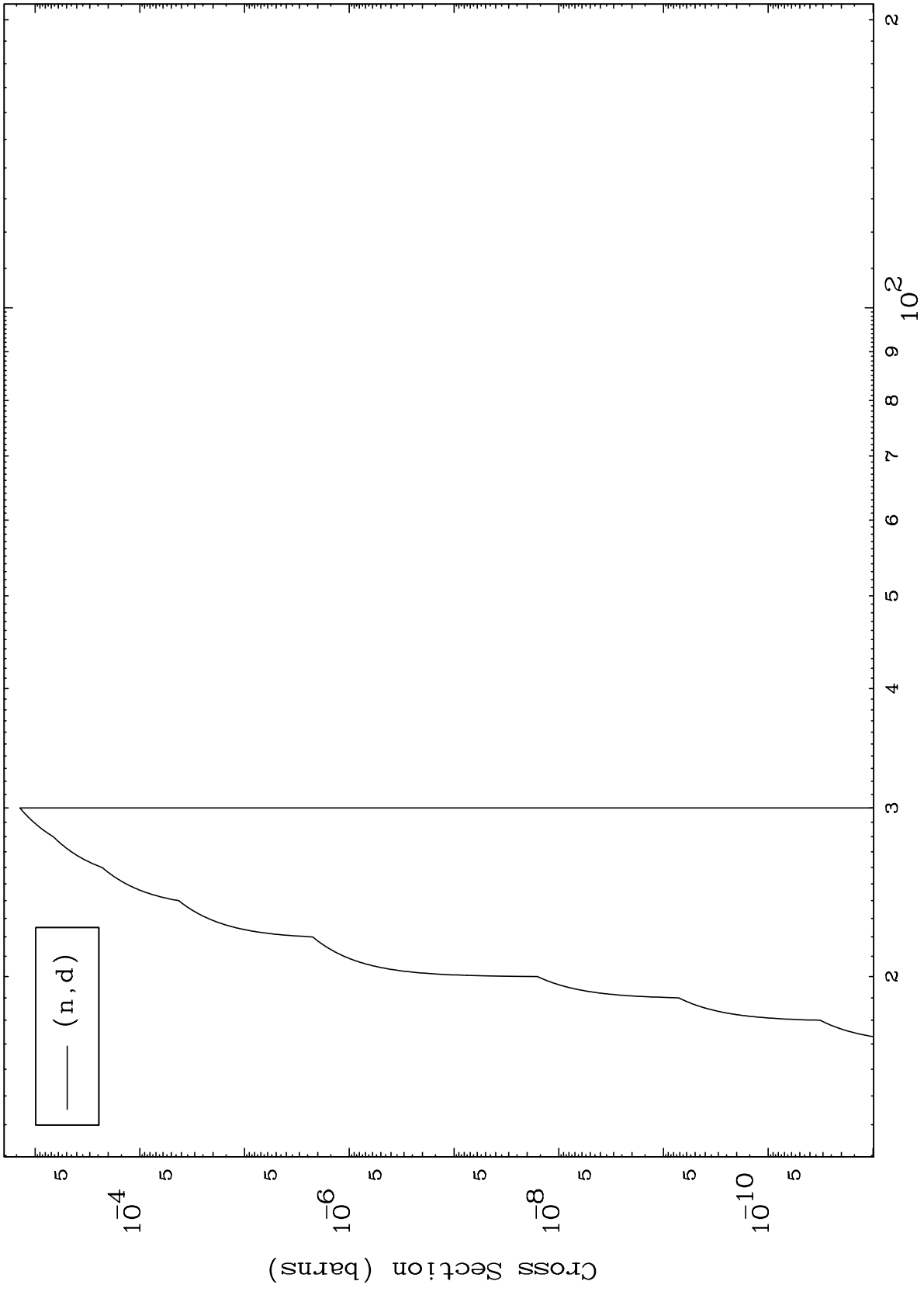
Incident Energy (MeV)

6

MAT 6034

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-145



7

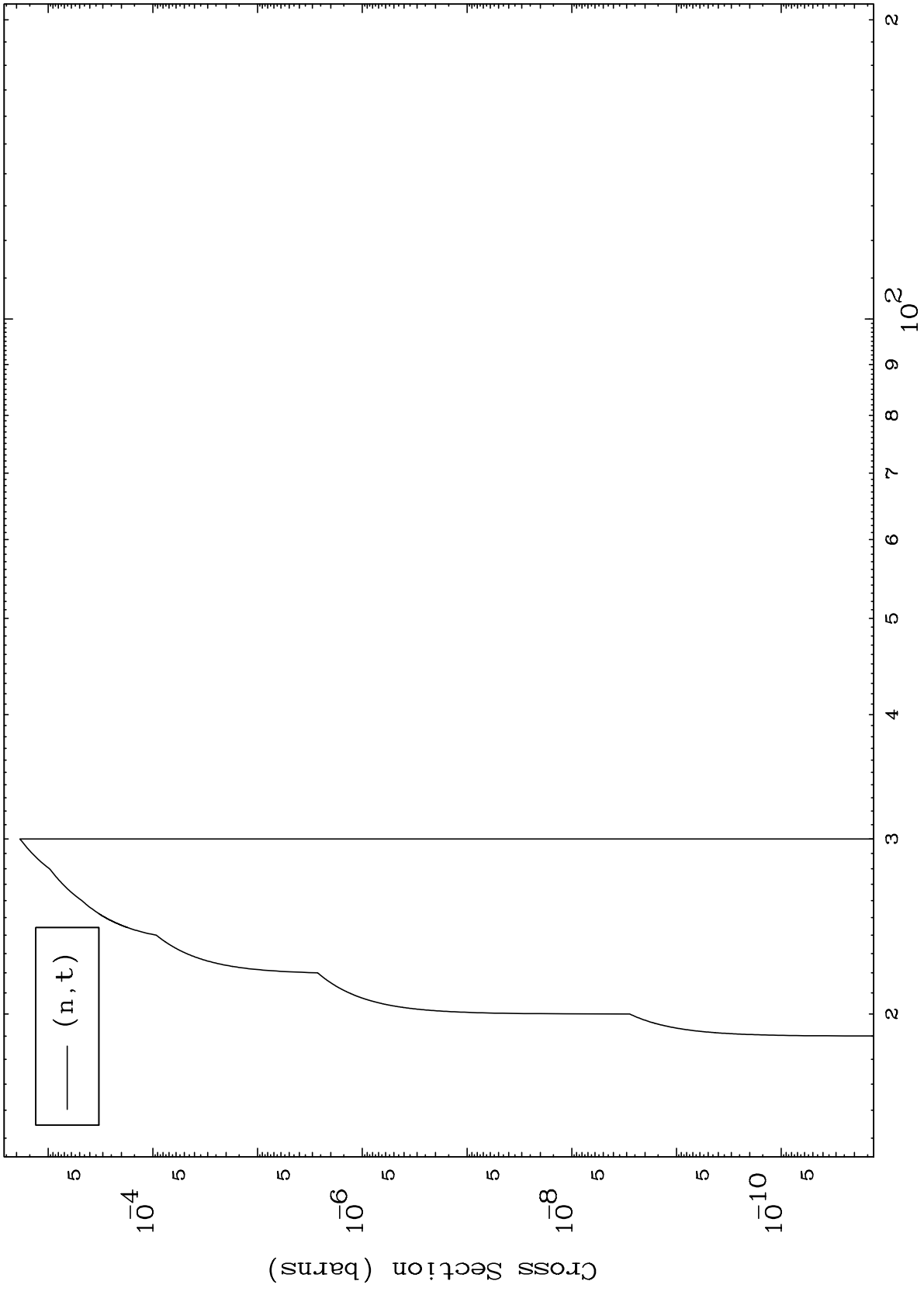
Incident Energy (MeV)

60-Nd-145

MAT 6034

(α, t) Levels
0 Kelvin Cross Sections

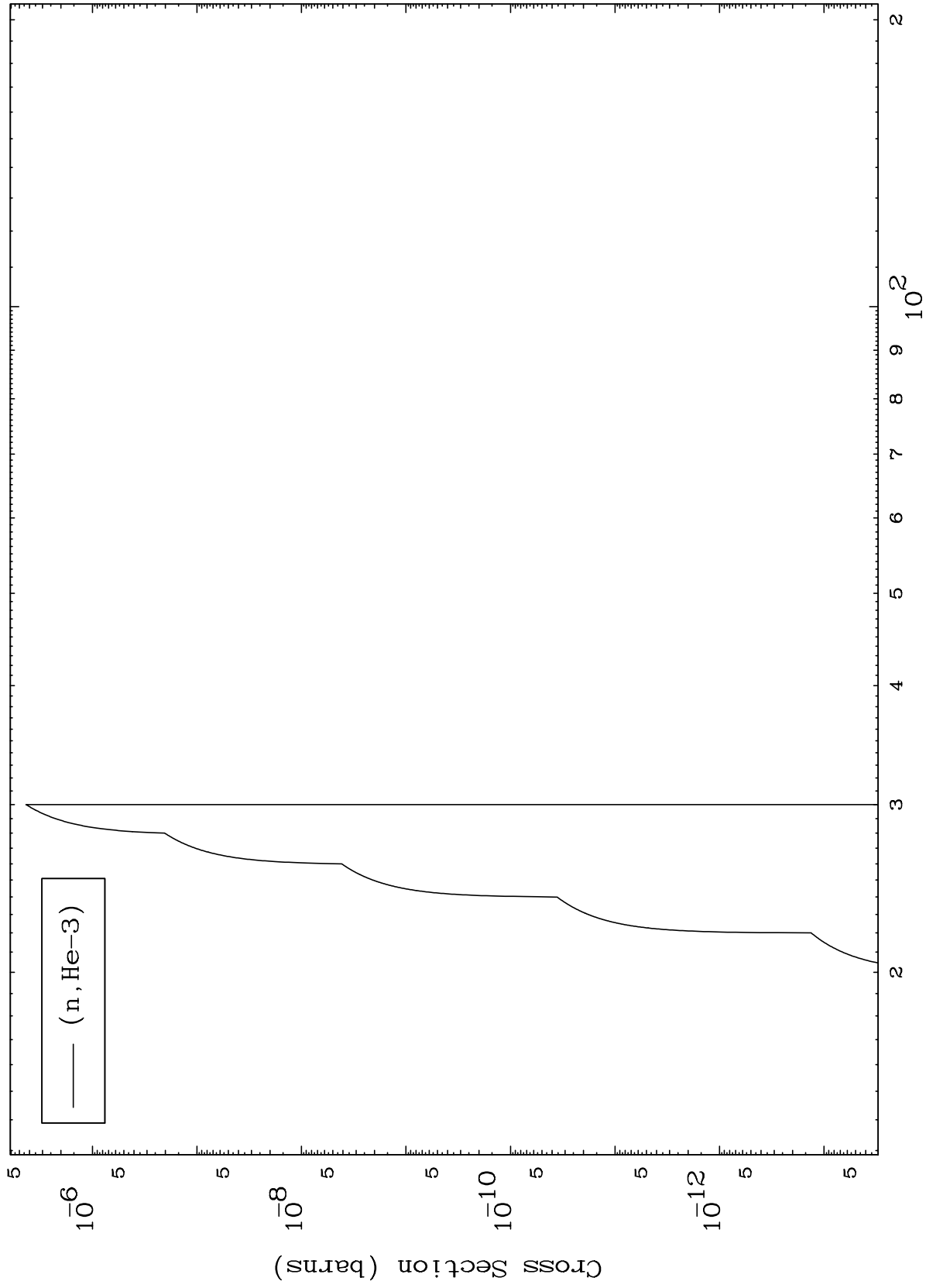
60-Nd-145



MAT 6034

(α ,He3) Levels
0 Kelvin Cross Sections

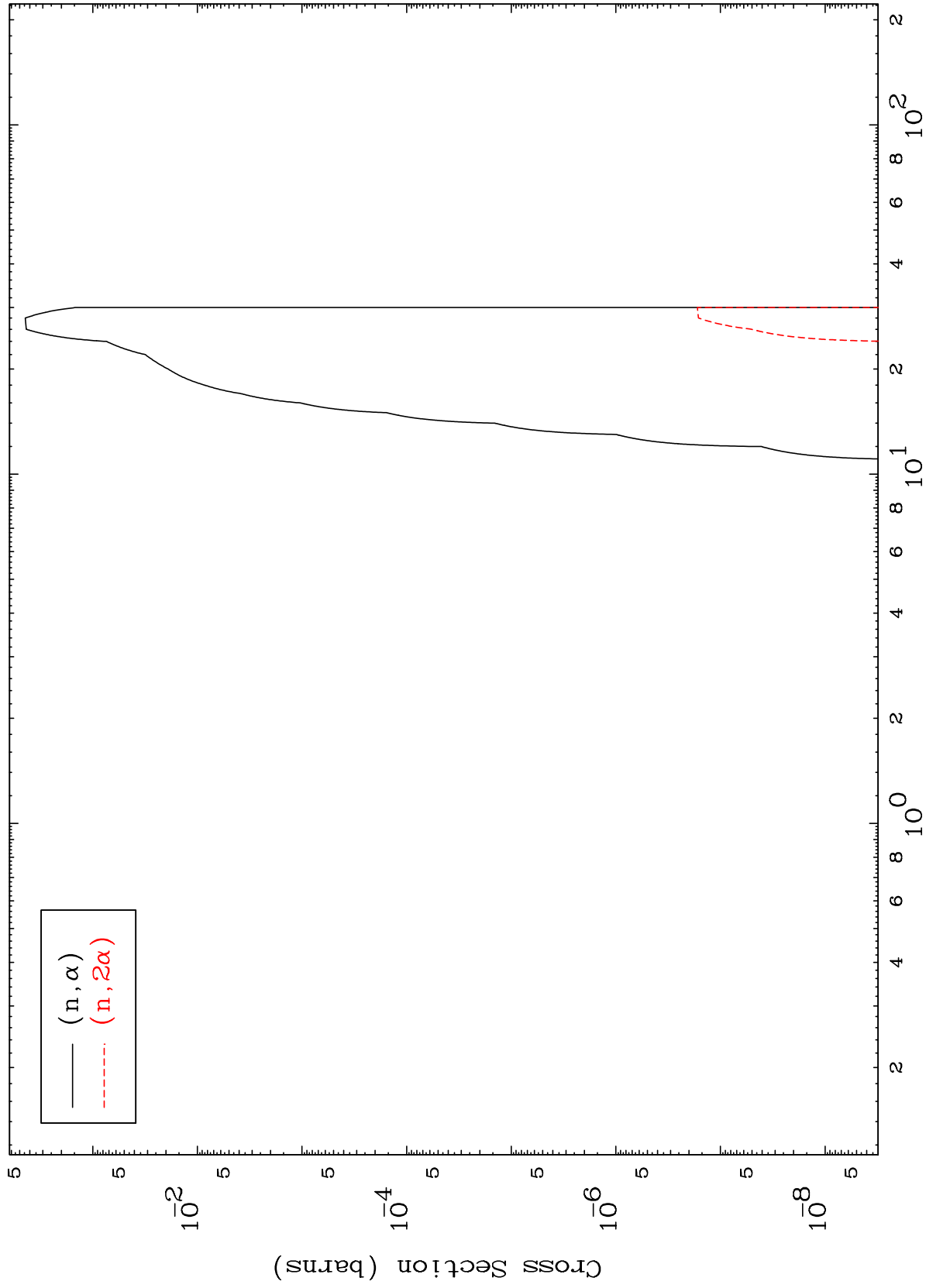
60-Nd-145



MAT 6034

(α, α) Levels
0 Kelvin Cross Sections

$^{60}\text{Nd}-145$



10

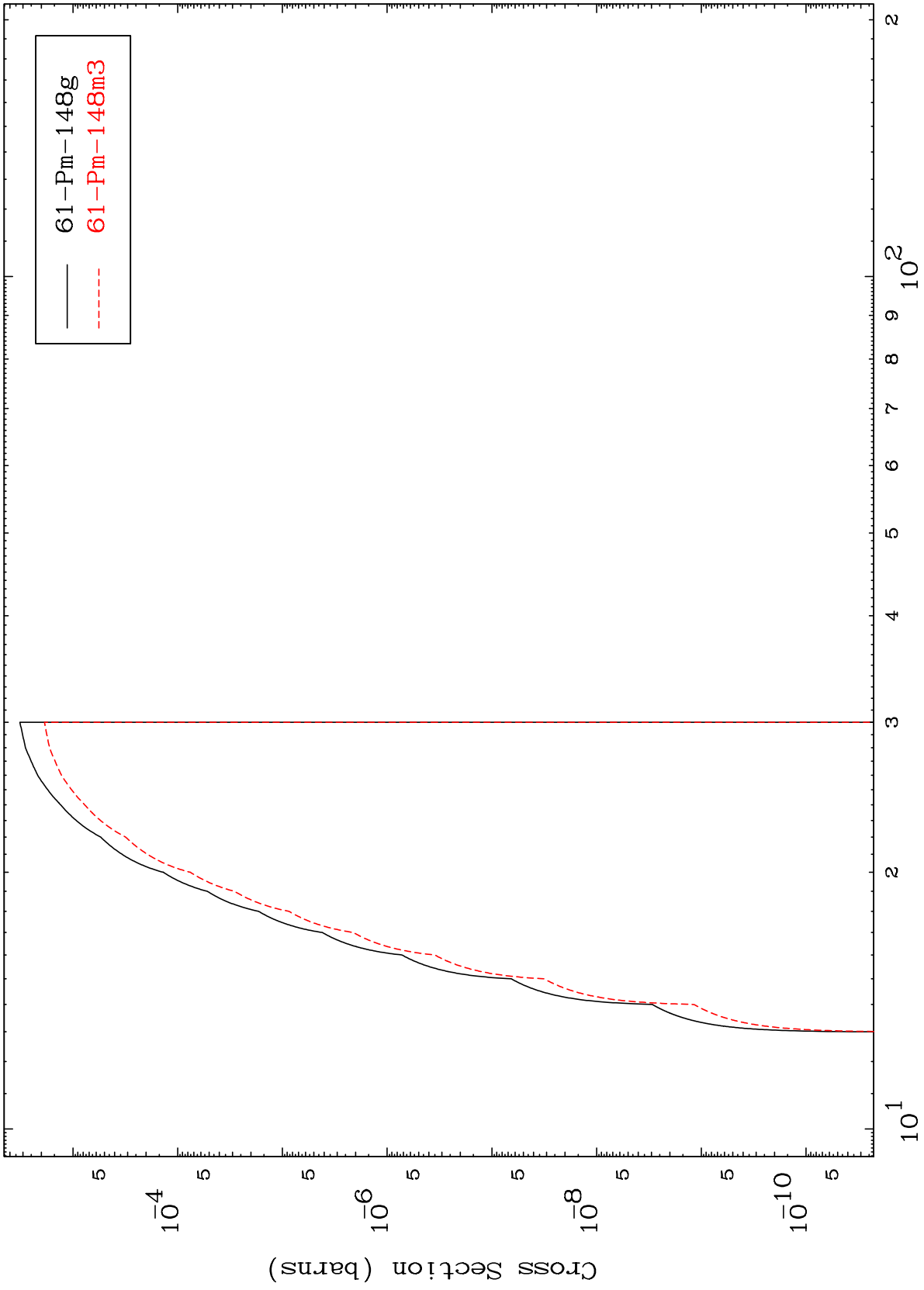
Incident Energy (MeV)

$^{60}\text{Nd}-145$

MAT 6034

60-Nd-145

(n,p)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

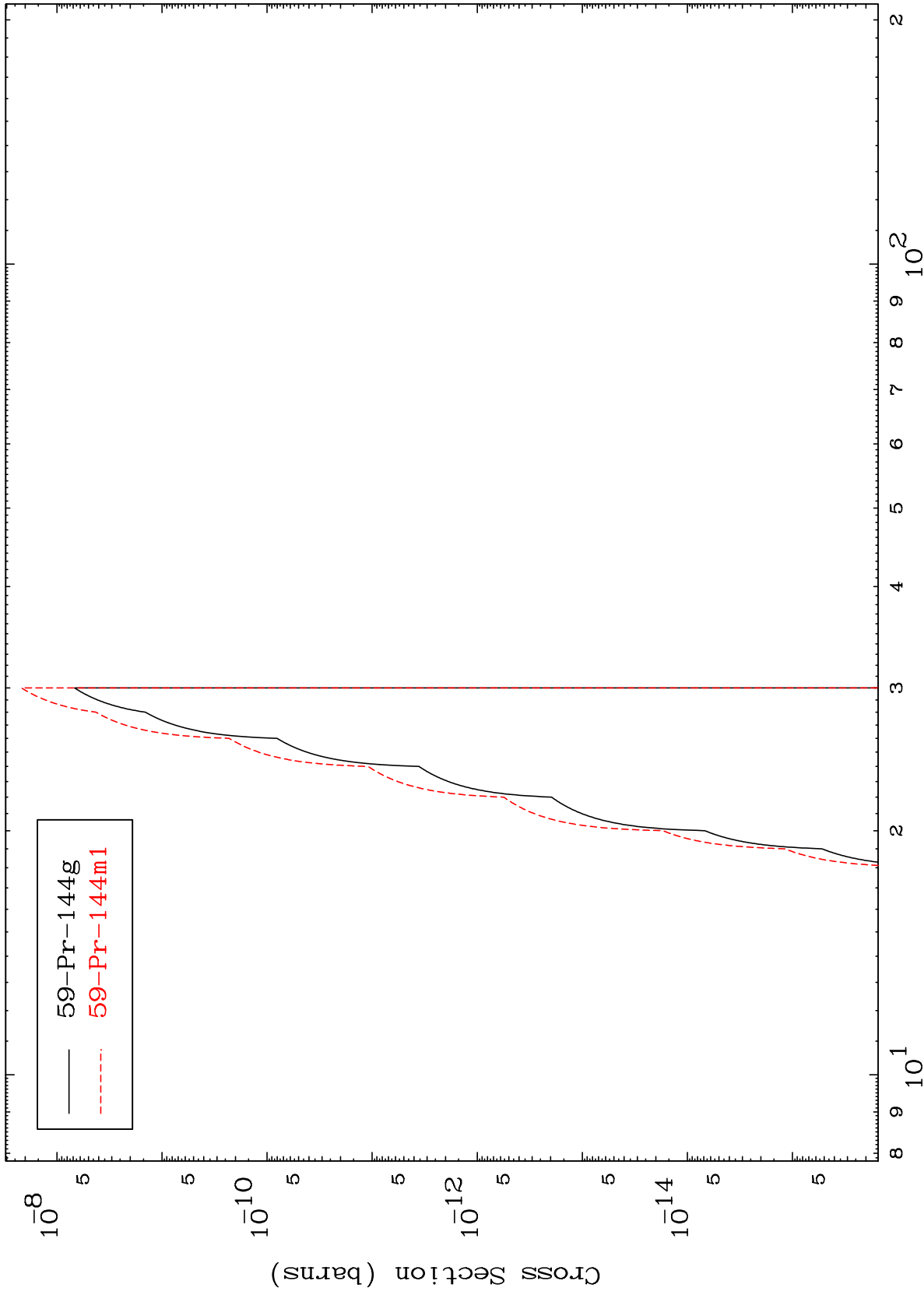
60-Nd-145

MAT 6034

(n,p) α

60-Nd-145

Radionuclide Production Cross Section



59-Pr-144g
59-Pr-144m1

12

Incident Energy (MeV)

60-Nd-145