

Program EVALPLOT
(Version 2021-1)

by

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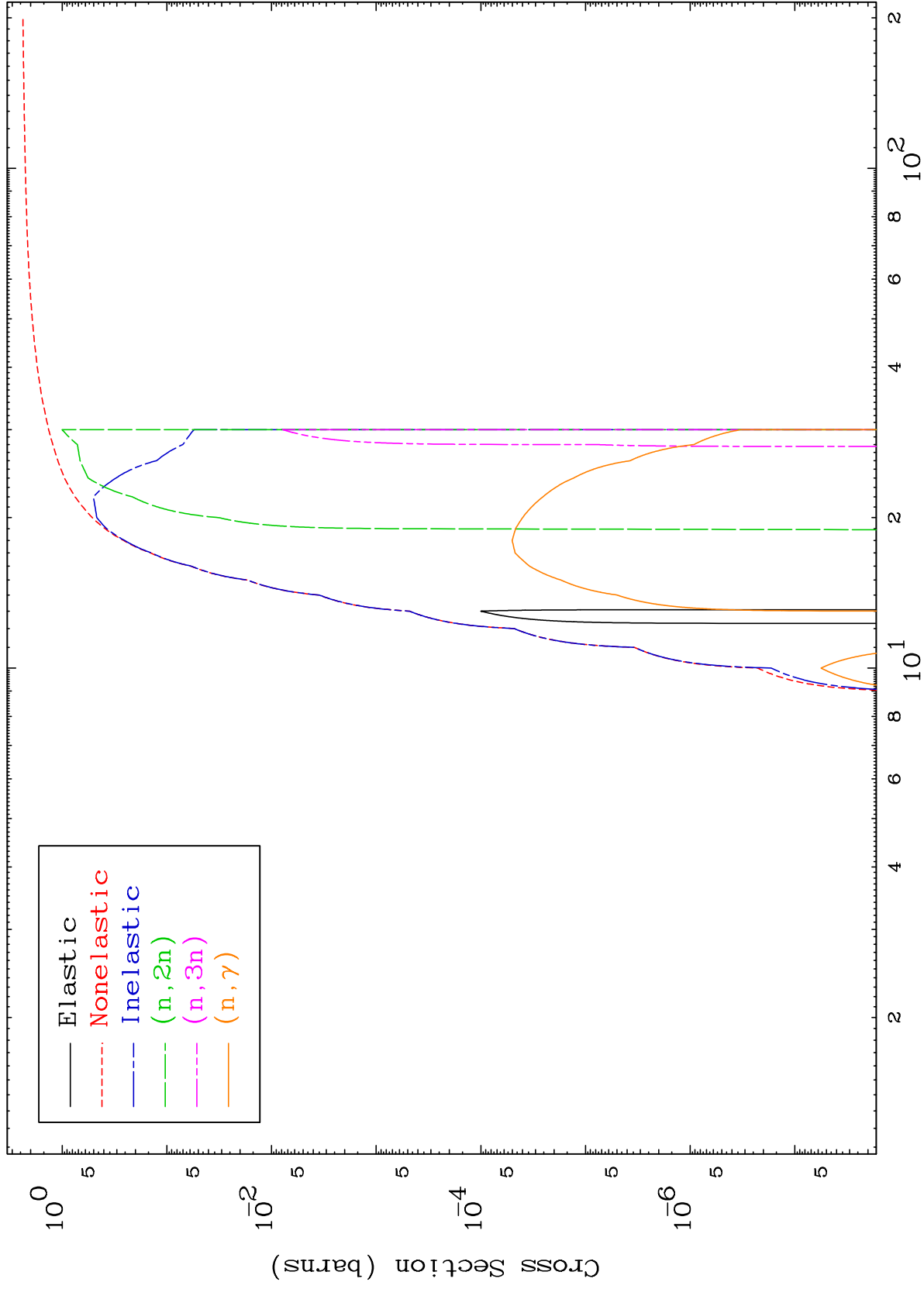
Press Mouse Button to Start

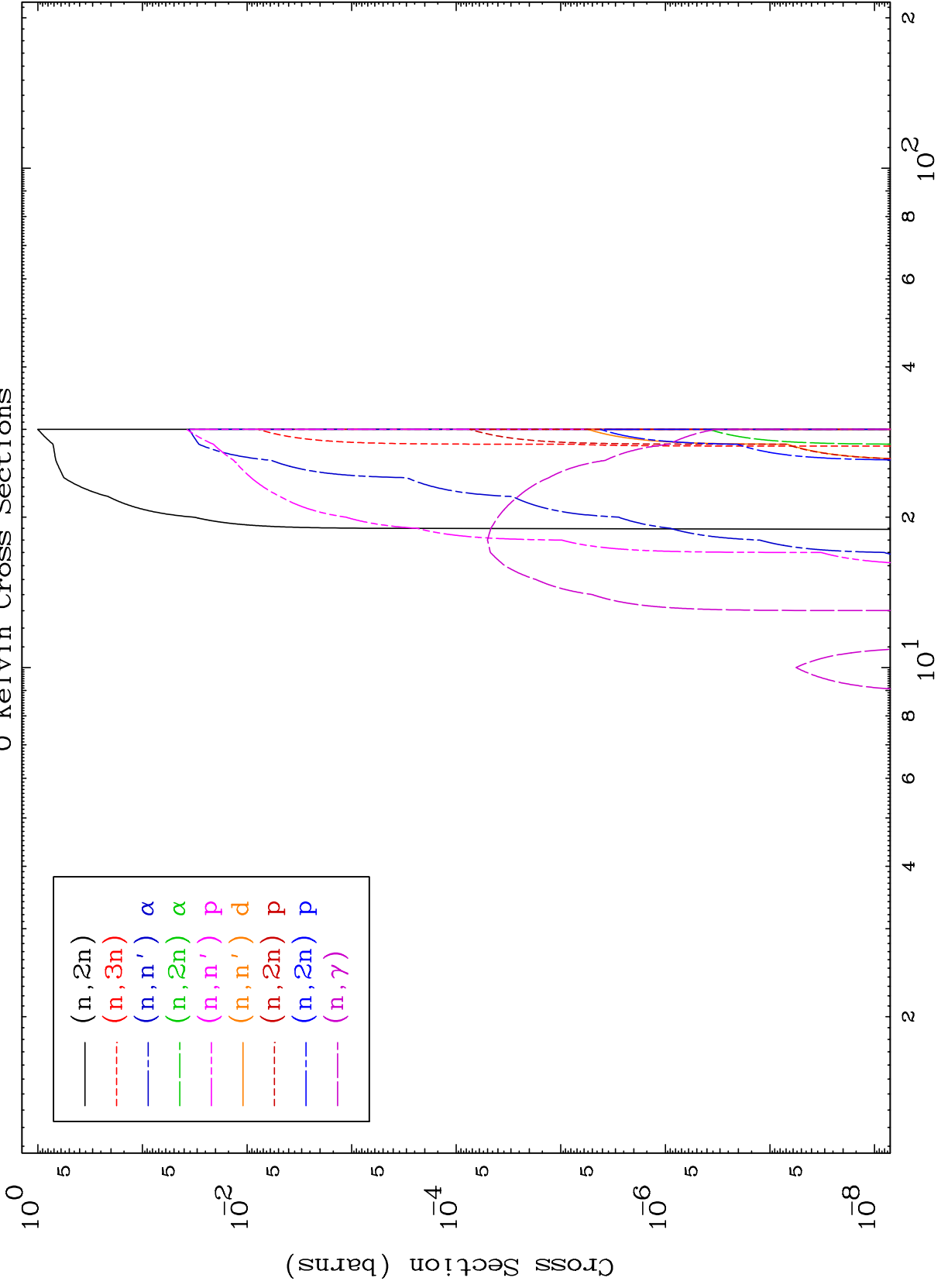
MAT 6022

α Major

60-Nd-141

0 Kelvin Cross Sections

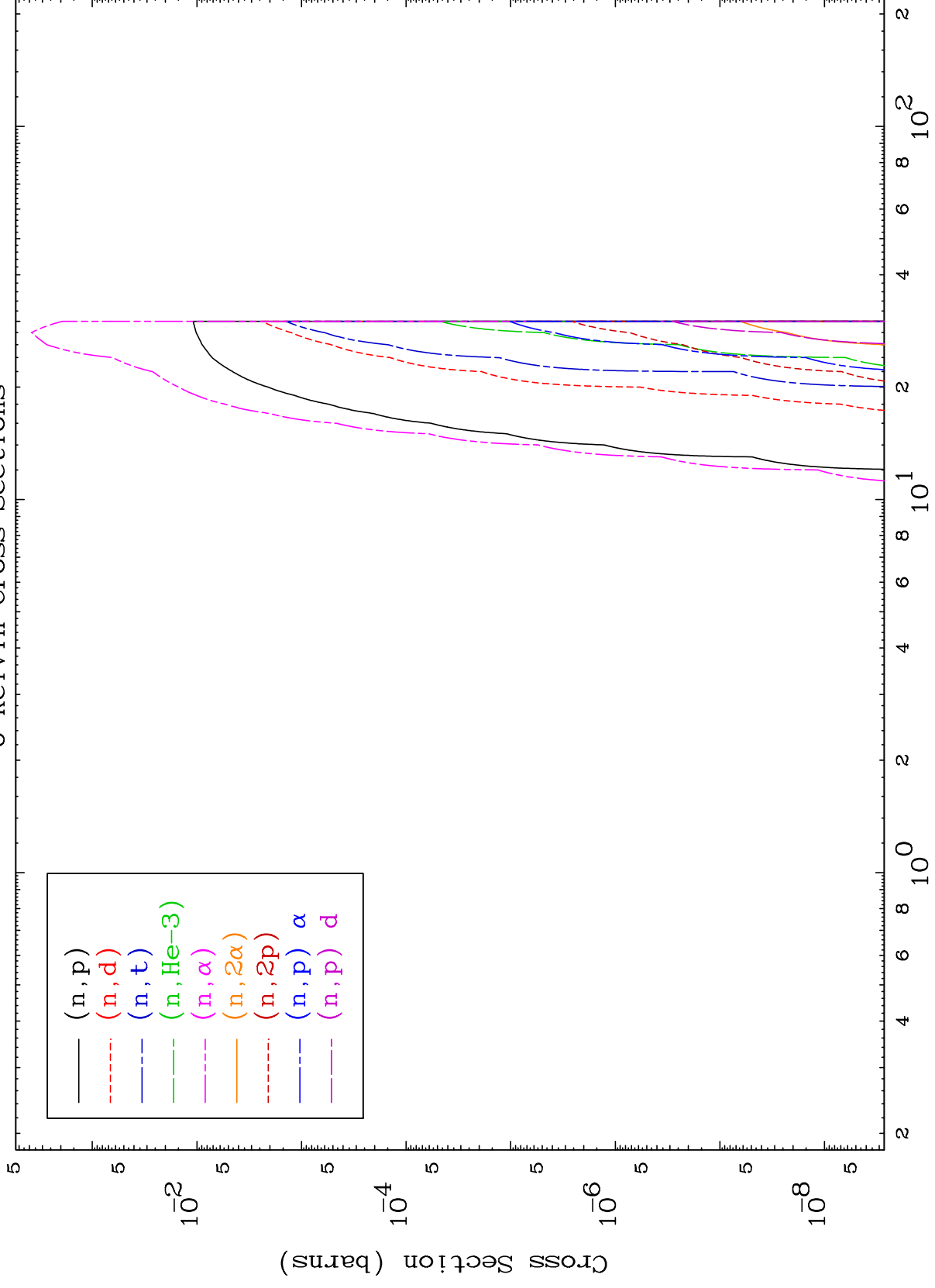


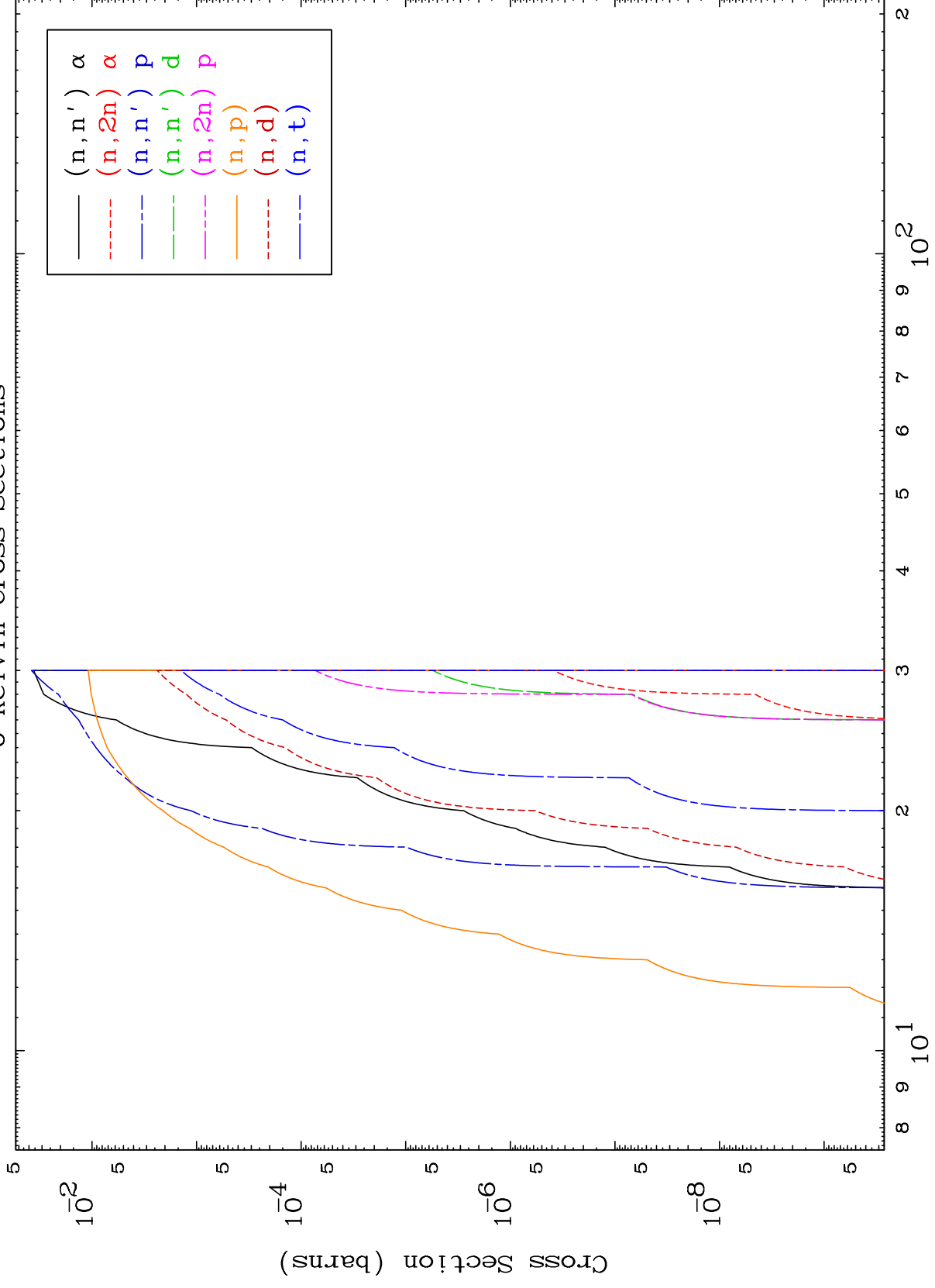


MAT 6022

α Neutron Absorption
0 Kelvin Cross Sections

60-Nd-141

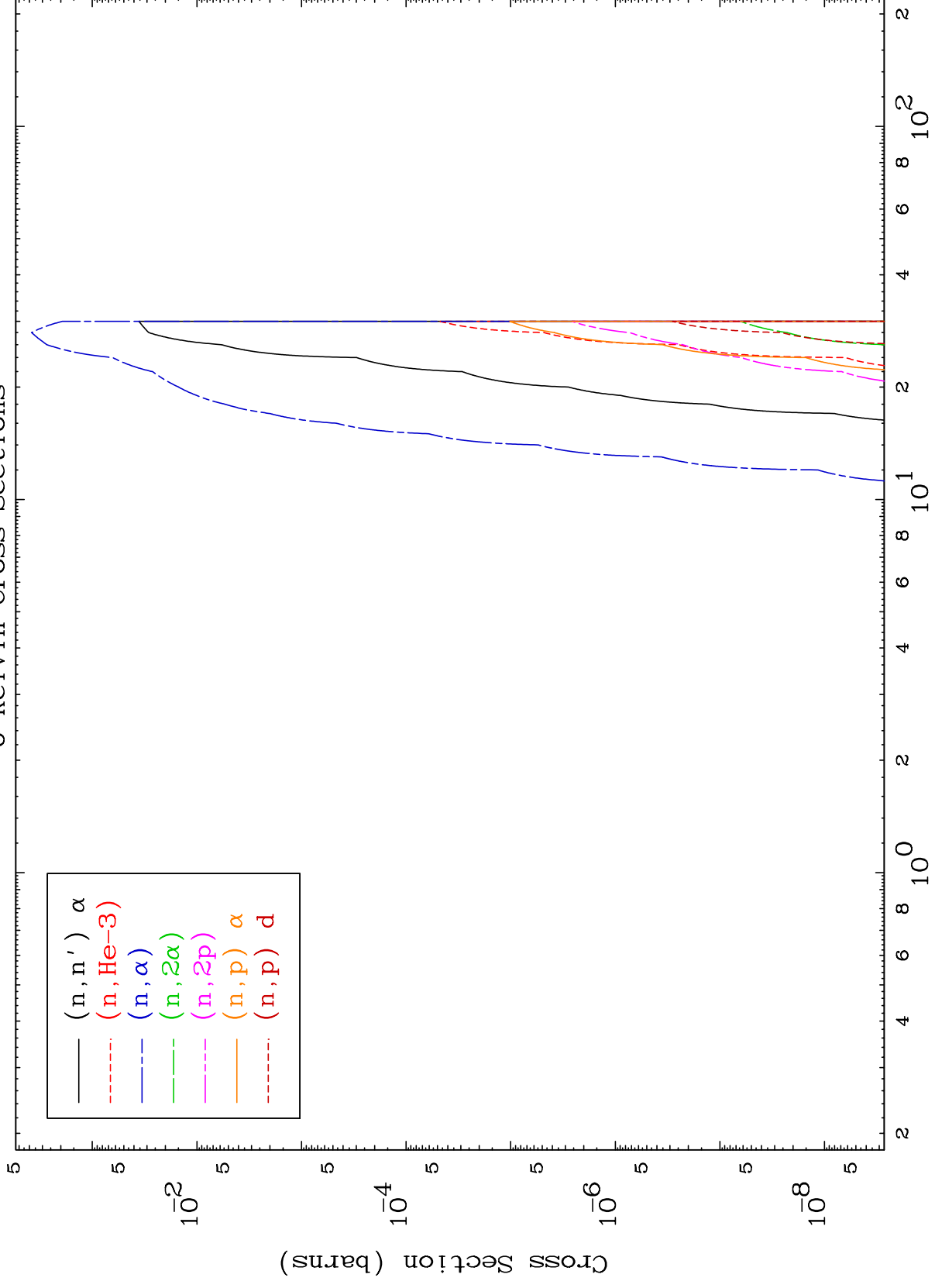




MAT 6022

α Charged Particle
0 Kelvin Cross Sections

60-Nd-141



5

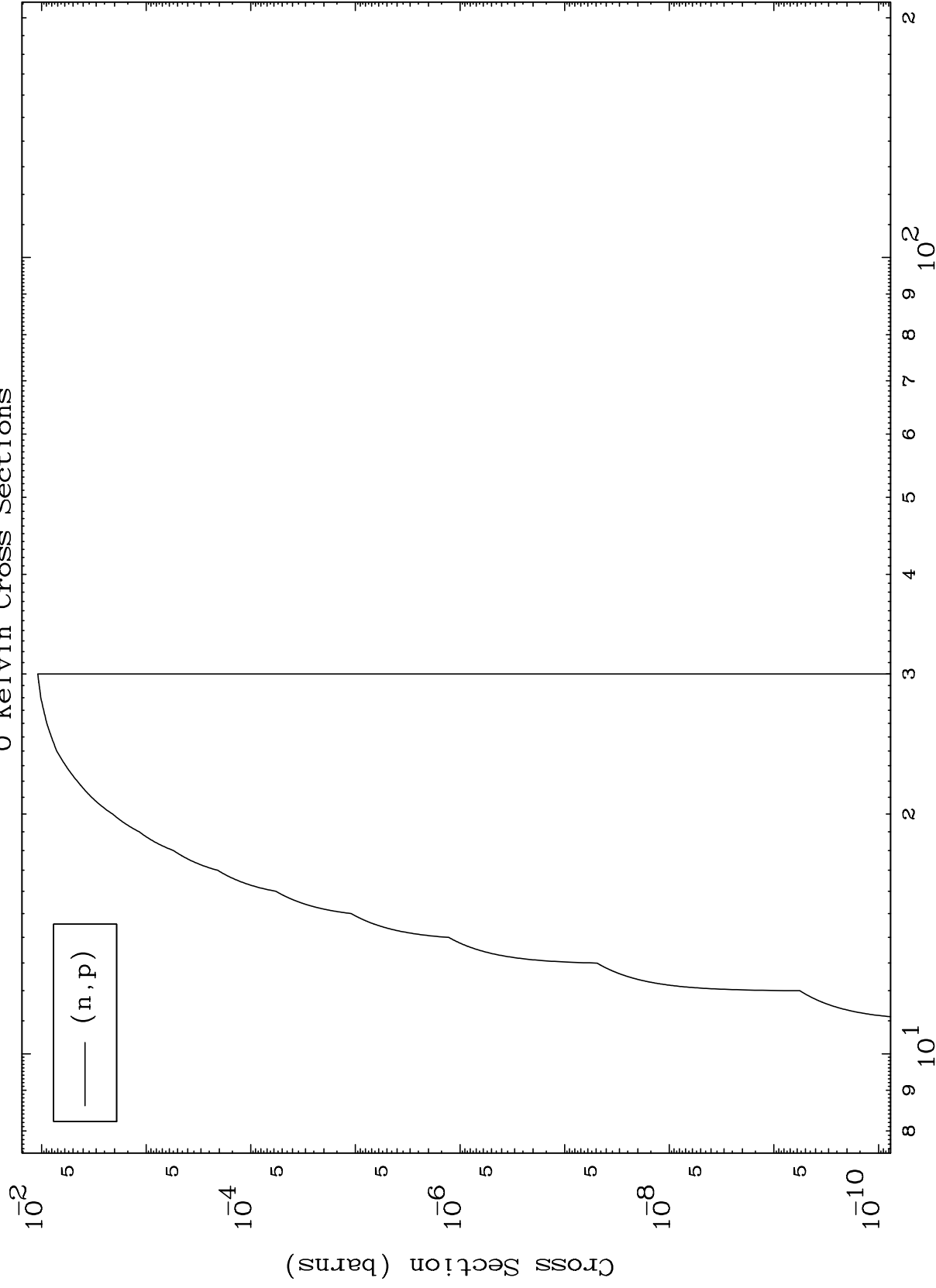
Incident Energy (MeV)

60-Nd-141

MAT 6022

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-141



6

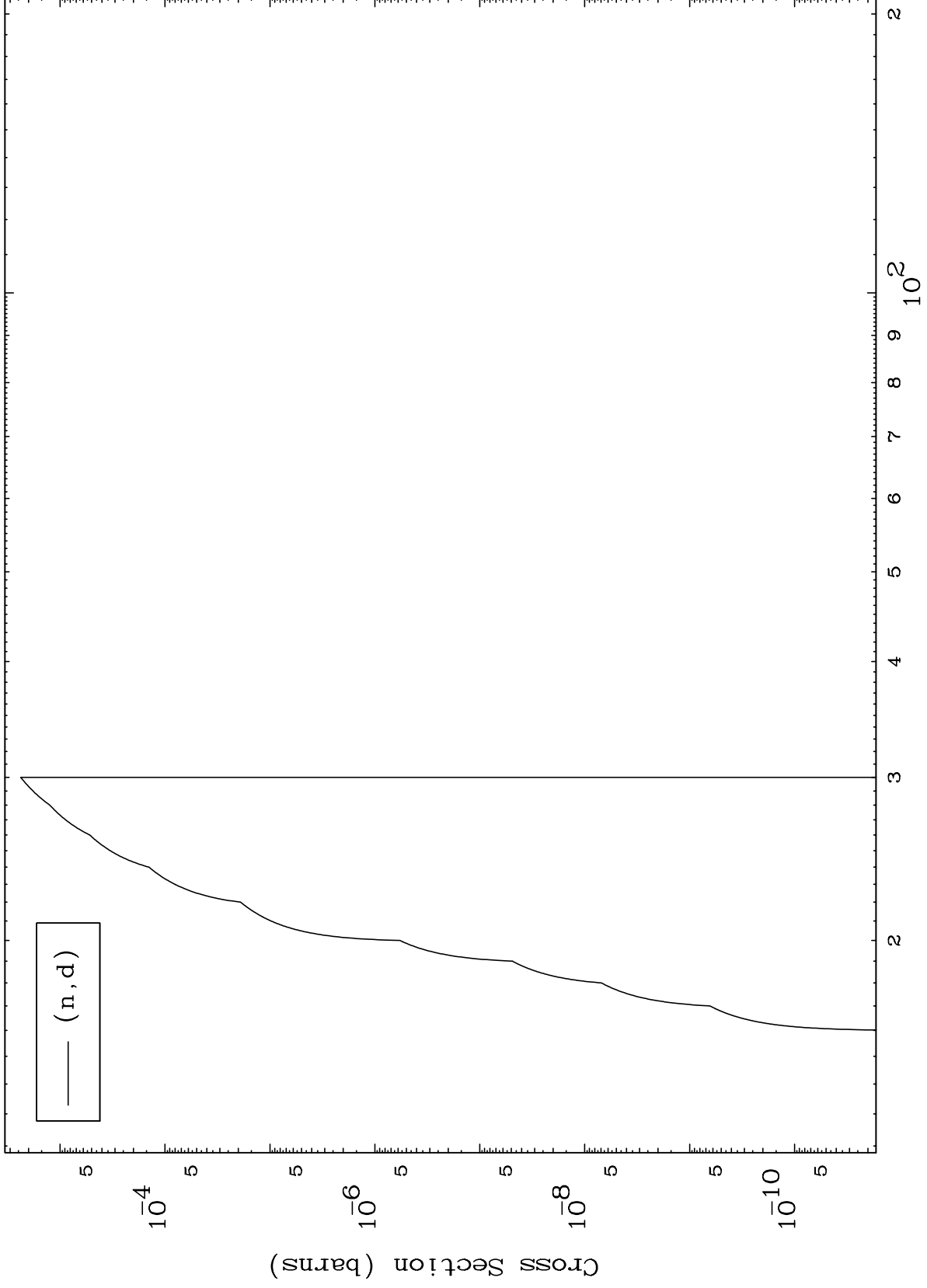
Incident Energy (MeV)

60-Nd-141

MAT 6022

(α, d) Levels
0 Kelvin Cross Sections

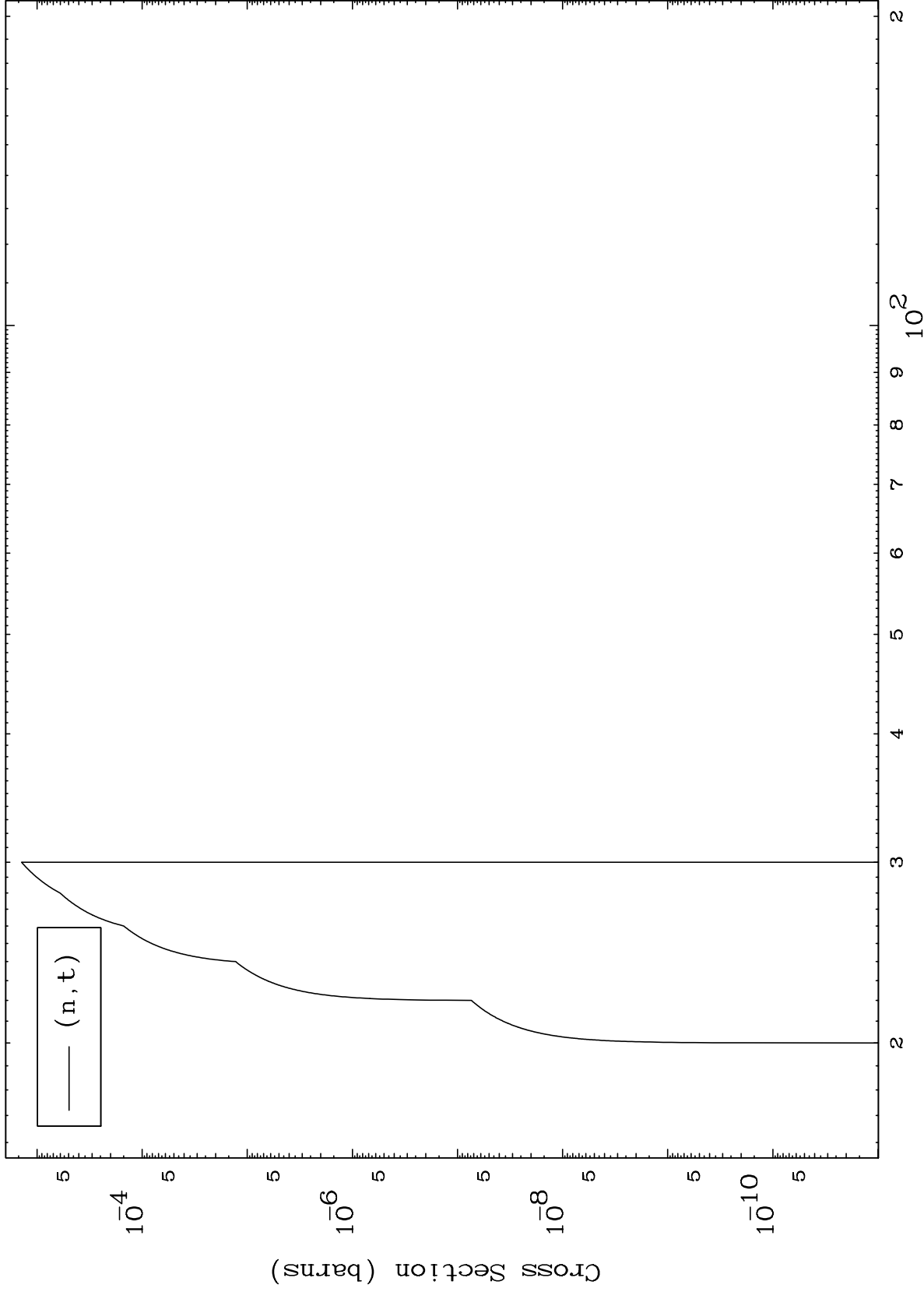
$^{60}\text{Nd}-141$



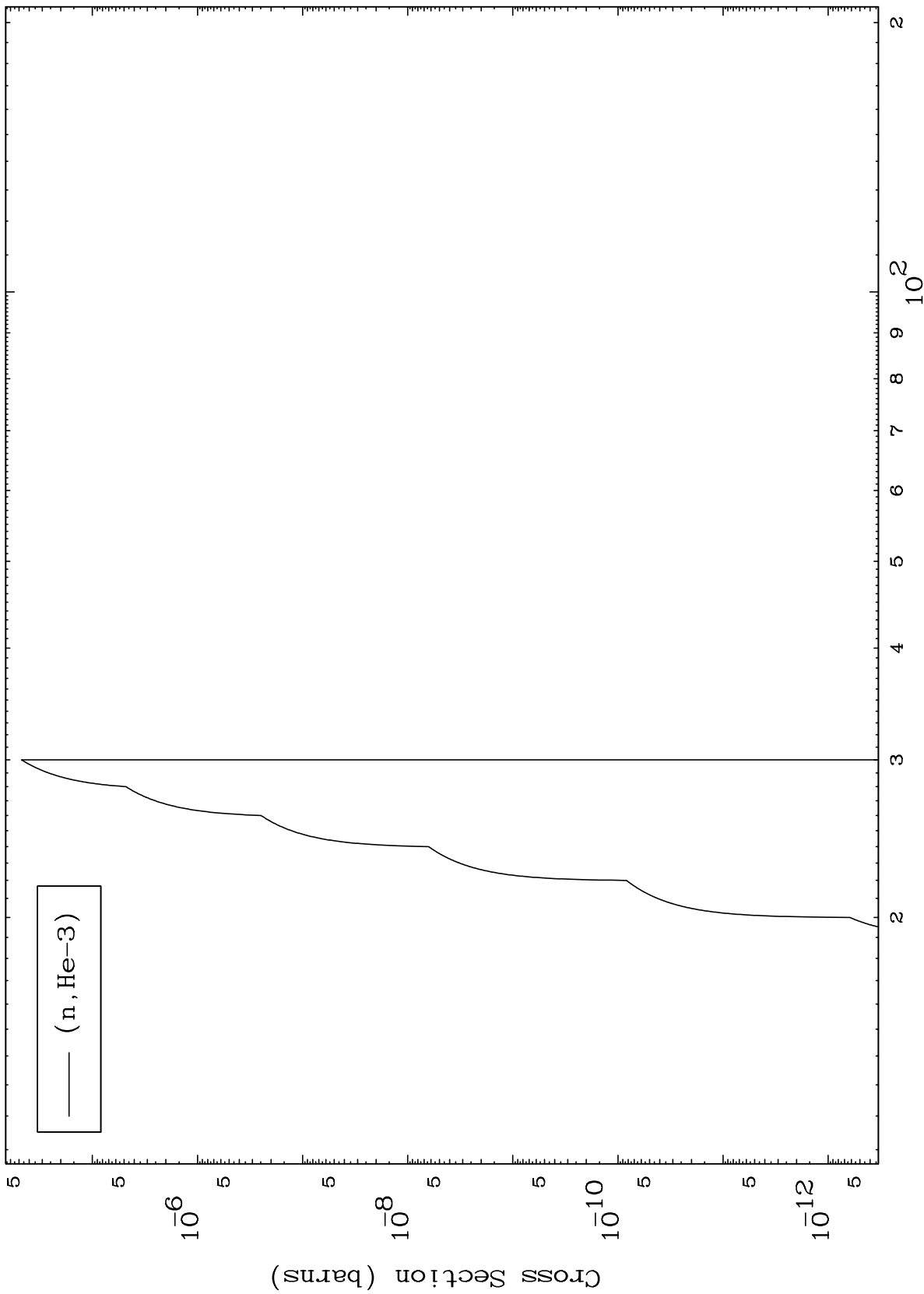
7

Incident Energy (MeV)

$^{60}\text{Nd}-141$



($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



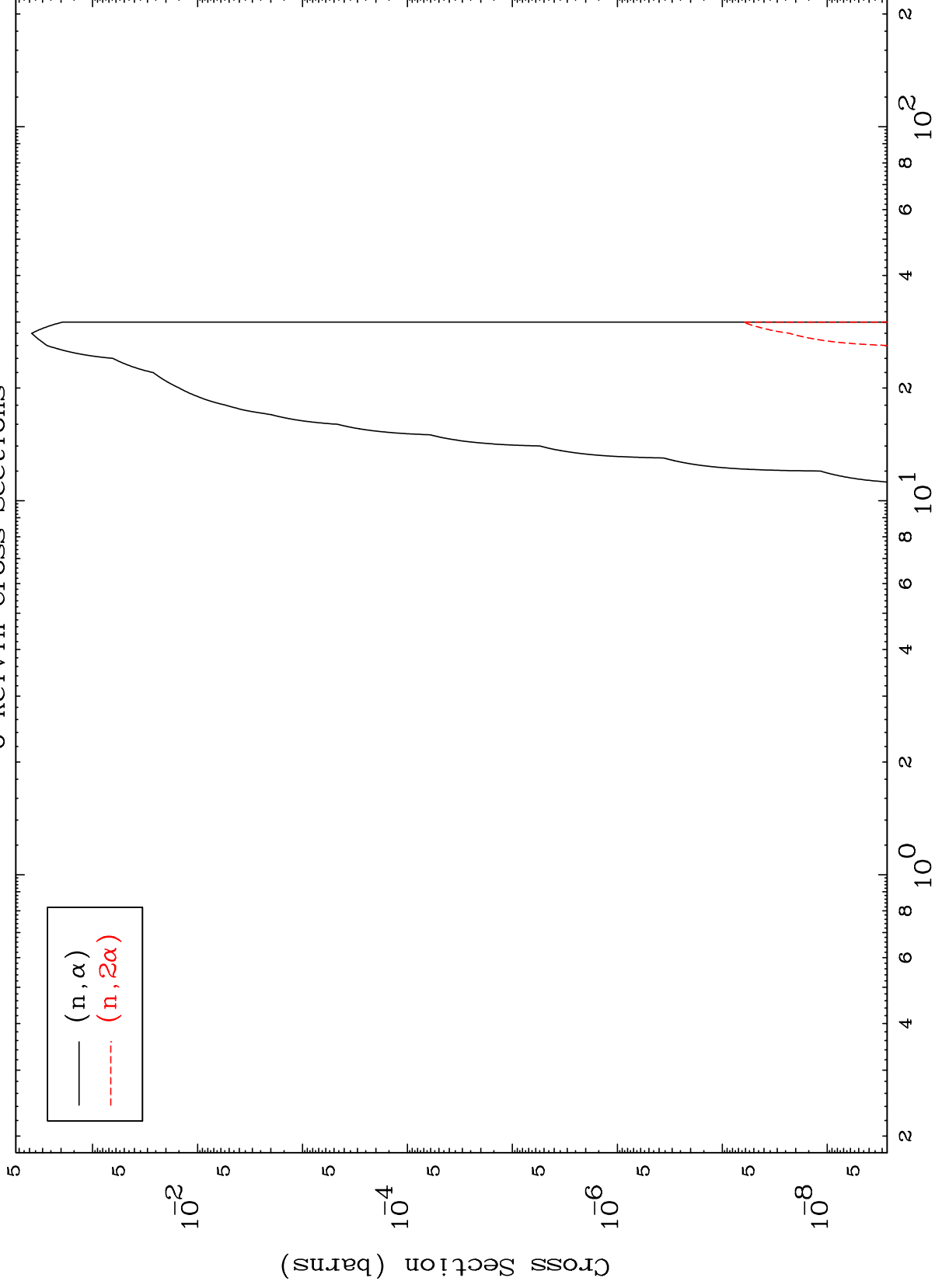
Incident Energy (MeV)

MAT 6022

(α, α) Levels

60-Nd-141

0 Kelvin Cross Sections



10

Incident Energy (MeV)

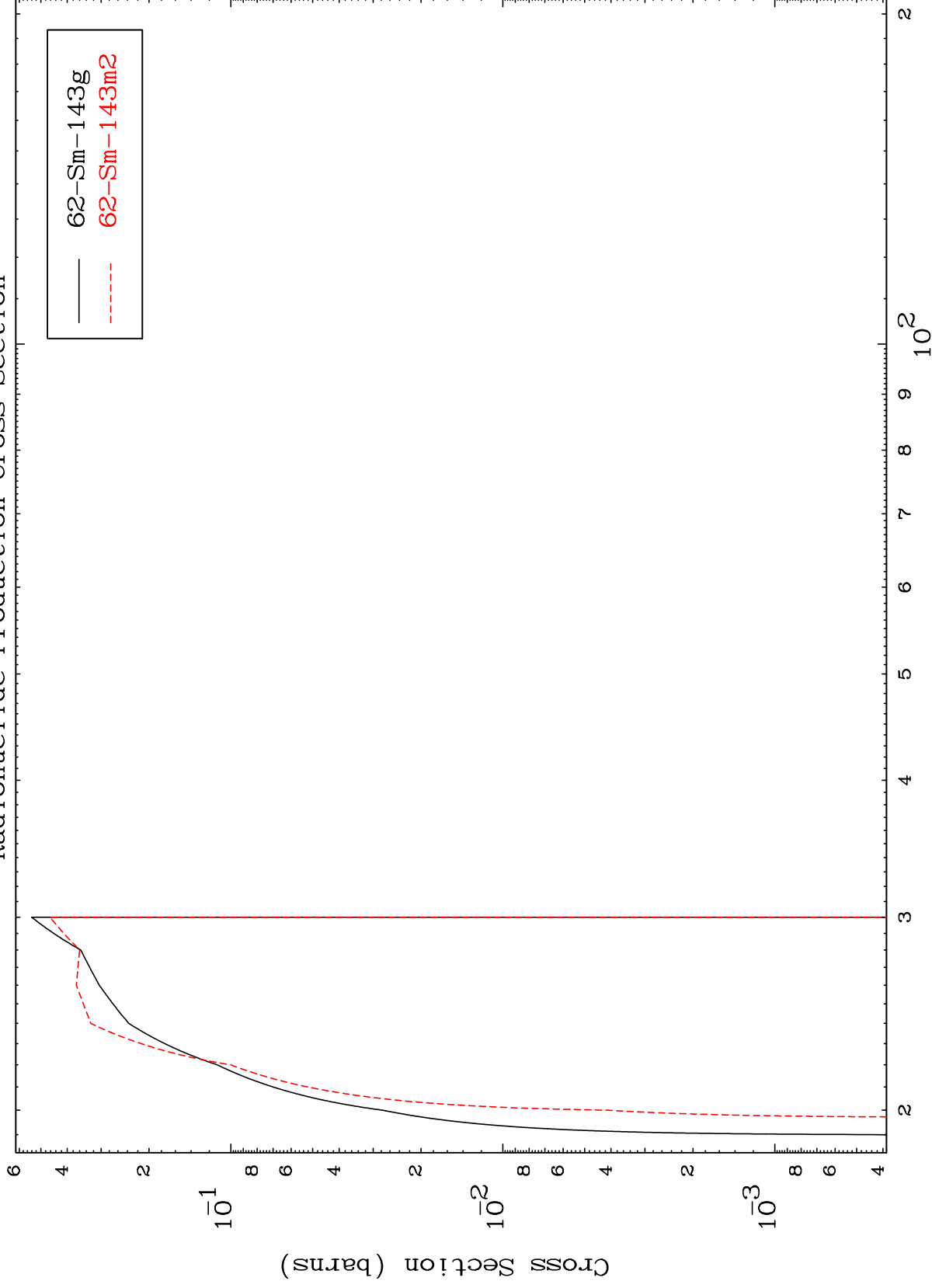
60-Nd-141

MAT 6022

(n,2n)

60-Nd-141

Radionuclide Production Cross Section



11

Incident Energy (MeV)

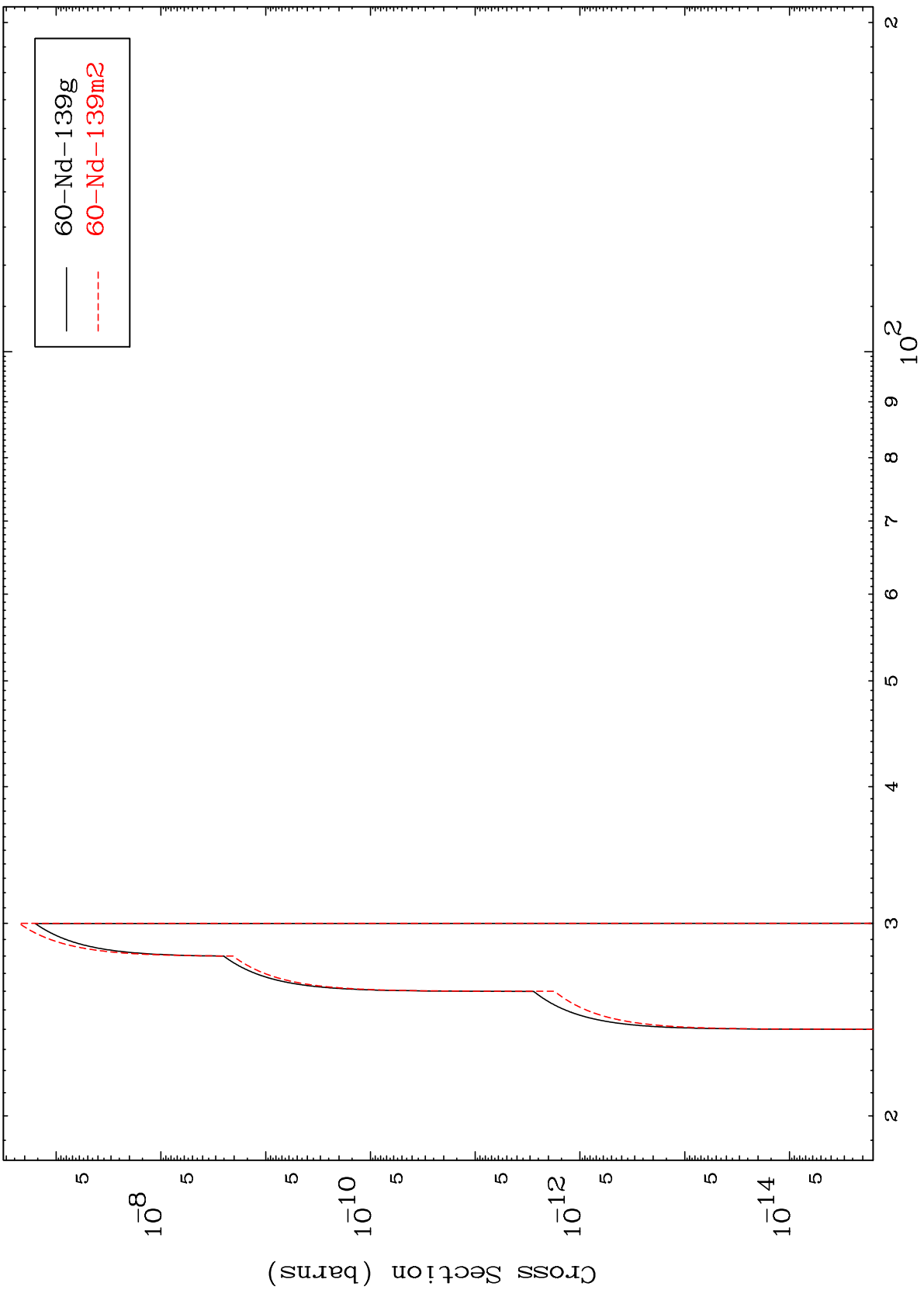
60-Nd-141

MAT 6022

$(n,2n) \alpha$

$^{60}\text{Nd-141}$

Radionuclide Production Cross Section



12

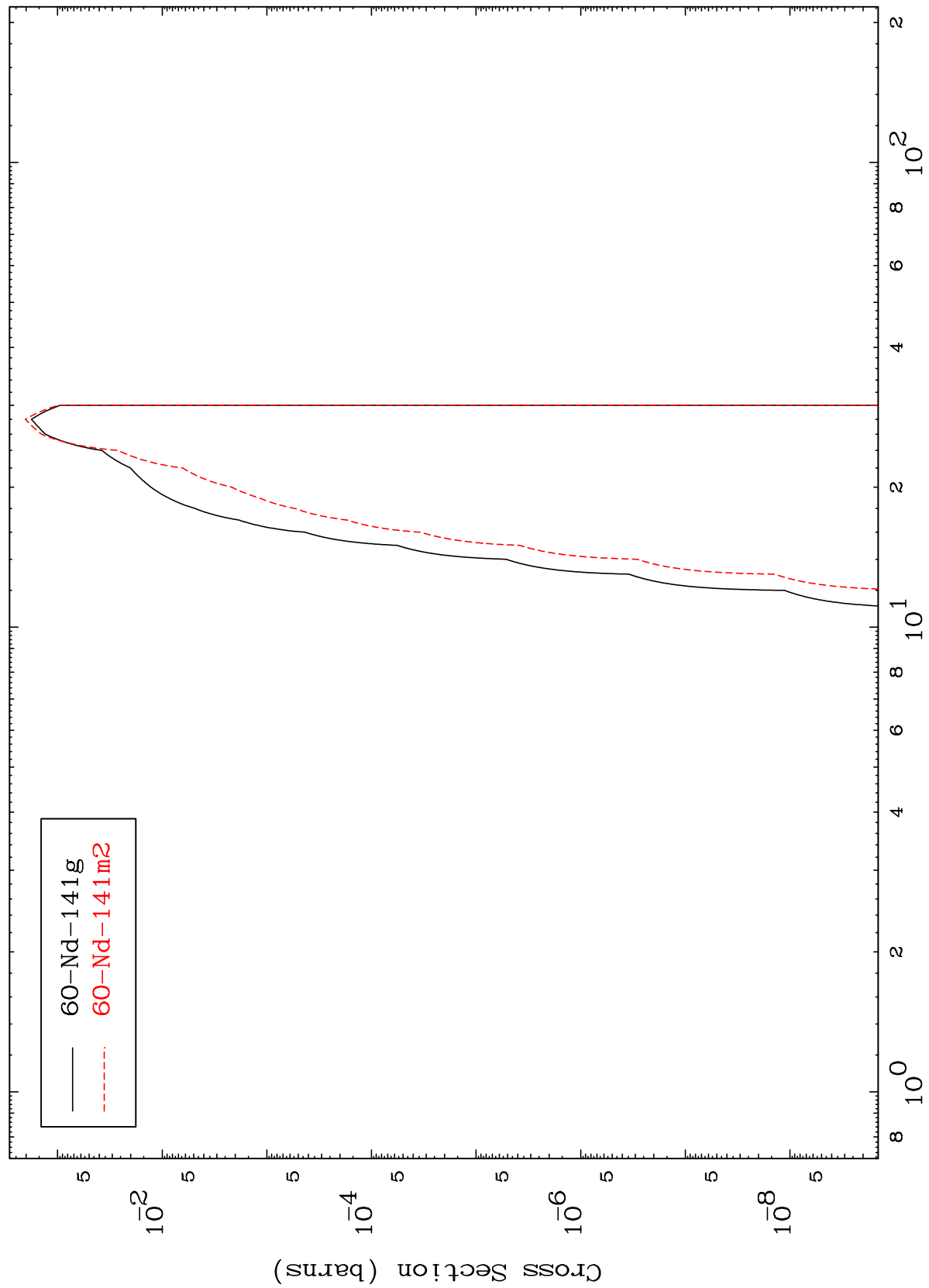
Incident Energy (MeV)

$^{60}\text{Nd-141}$

MAT 6022

60-Nd-141

Radionuclide Production Cross Section (n,α)



13

60-Nd-141

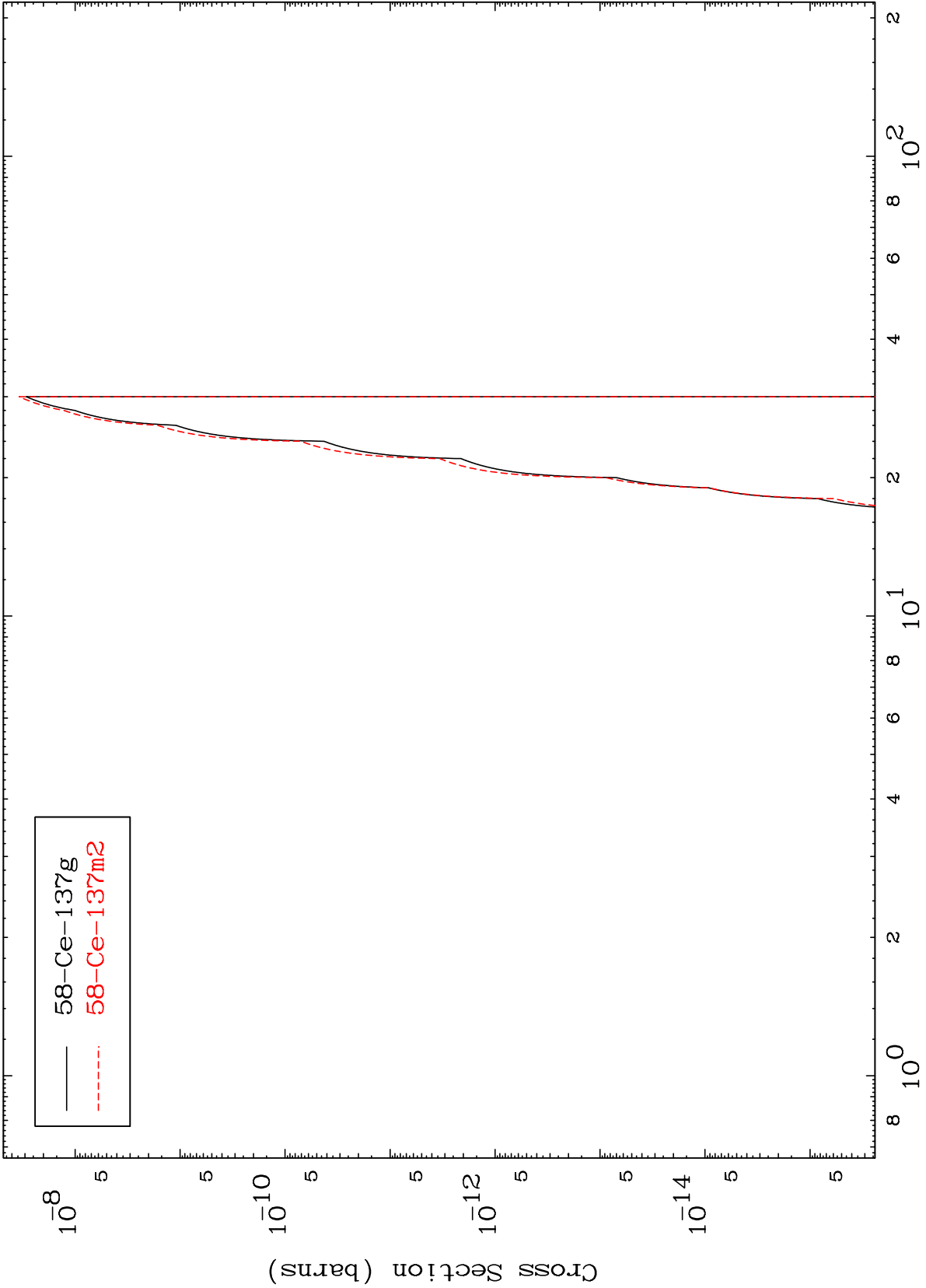
Incident Energy (MeV)

MAT 6022

(n,2α)

60-Nd-141

Radionuclide Production Cross Section



58-Ce-137g
58-Ce-137m2

14

Incident Energy (MeV)

60-Nd-141