

Program EVALPLOT
(Version 2021-1)

by

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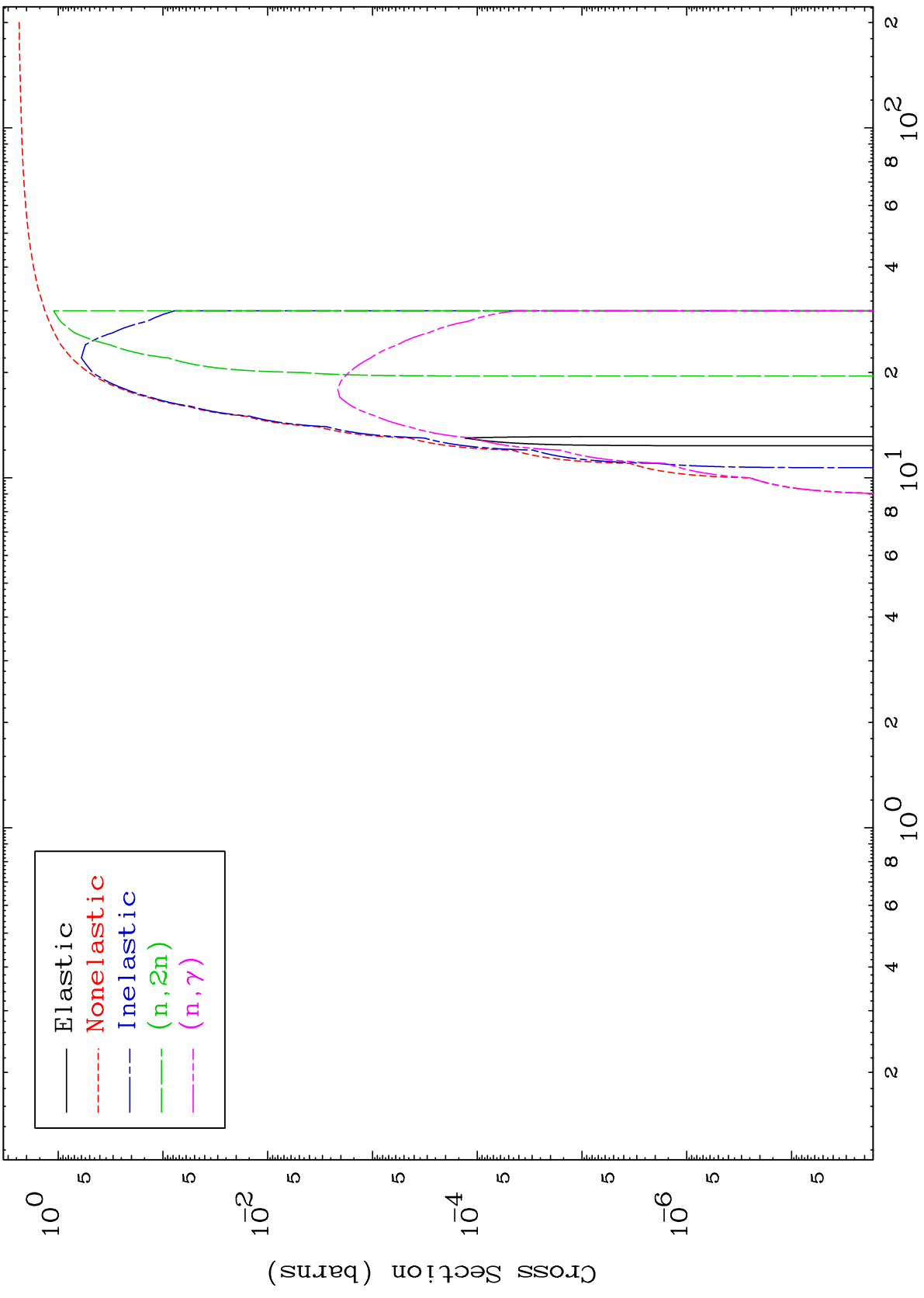
Press Mouse Button to Start

MAT 6019

α Major

60-Nd-140

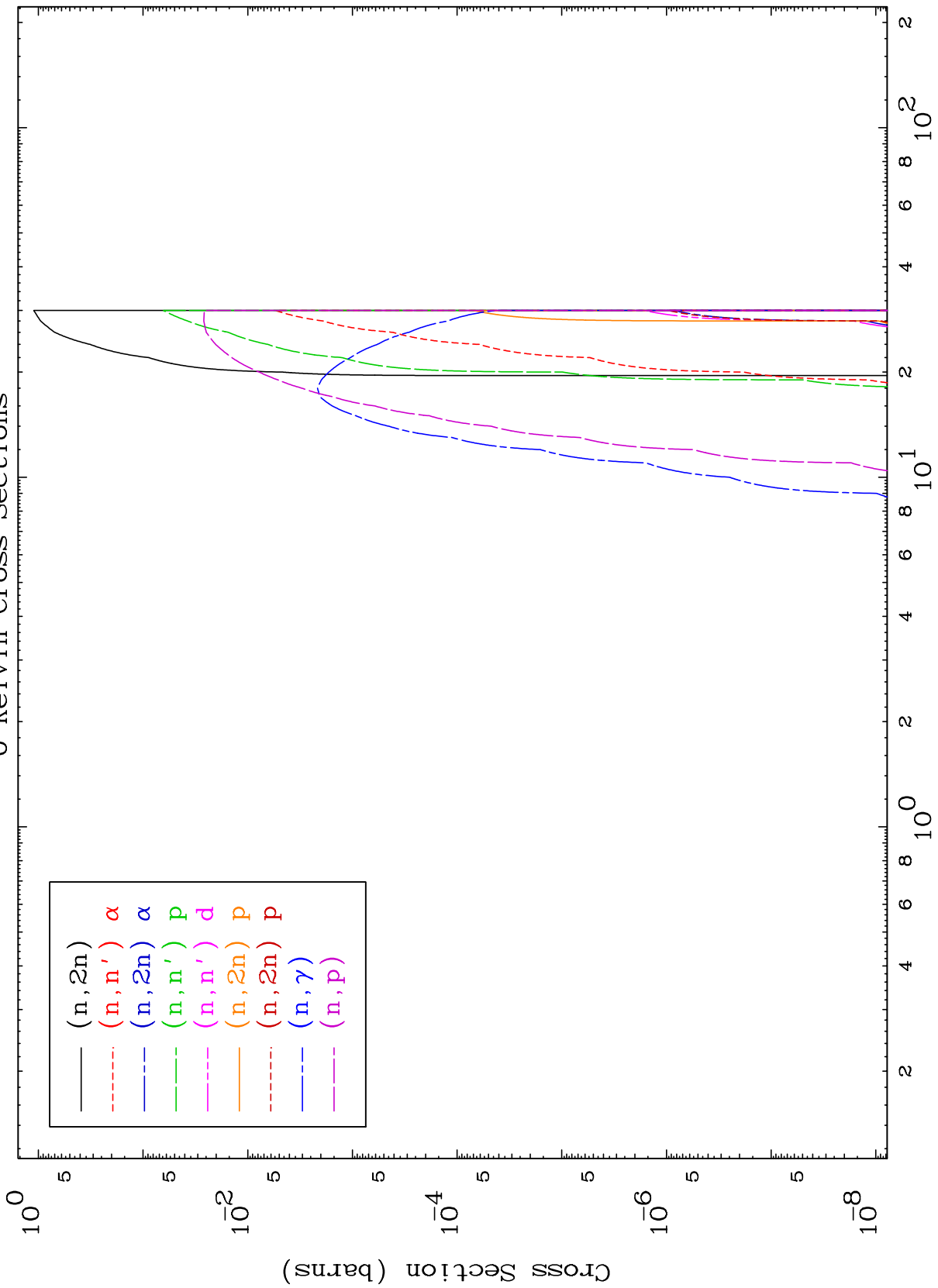
0 Kelvin Cross Sections



MAT 6019

α Neutron Absorption
0 Kelvin Cross Sections

60-Nd-140



Incident Energy (MeV)

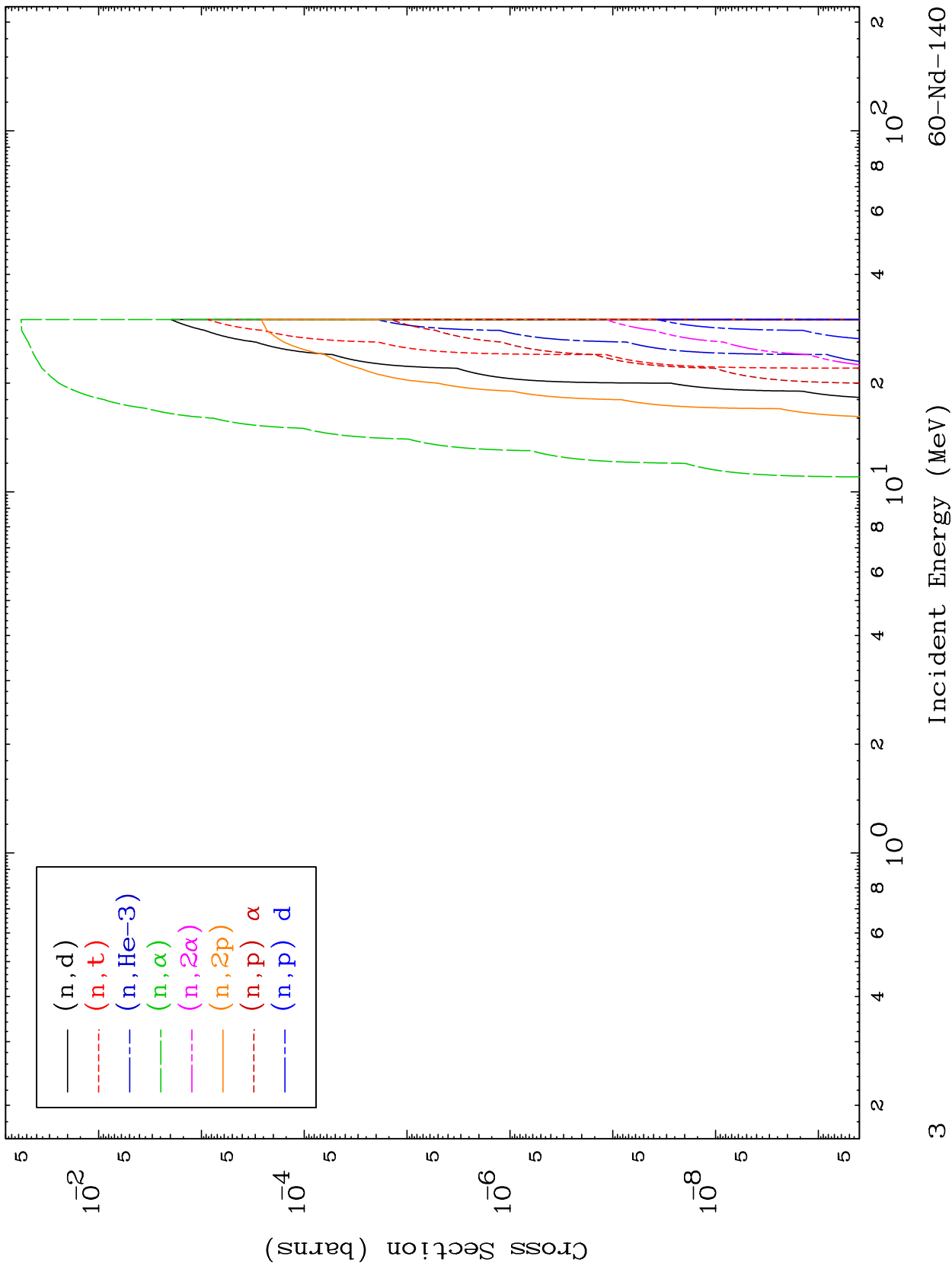
60-Nd-140

MAT 6019

α Neutron Absorption

60-Nd-140

0 Kelvin Cross Sections



60-Nd-140

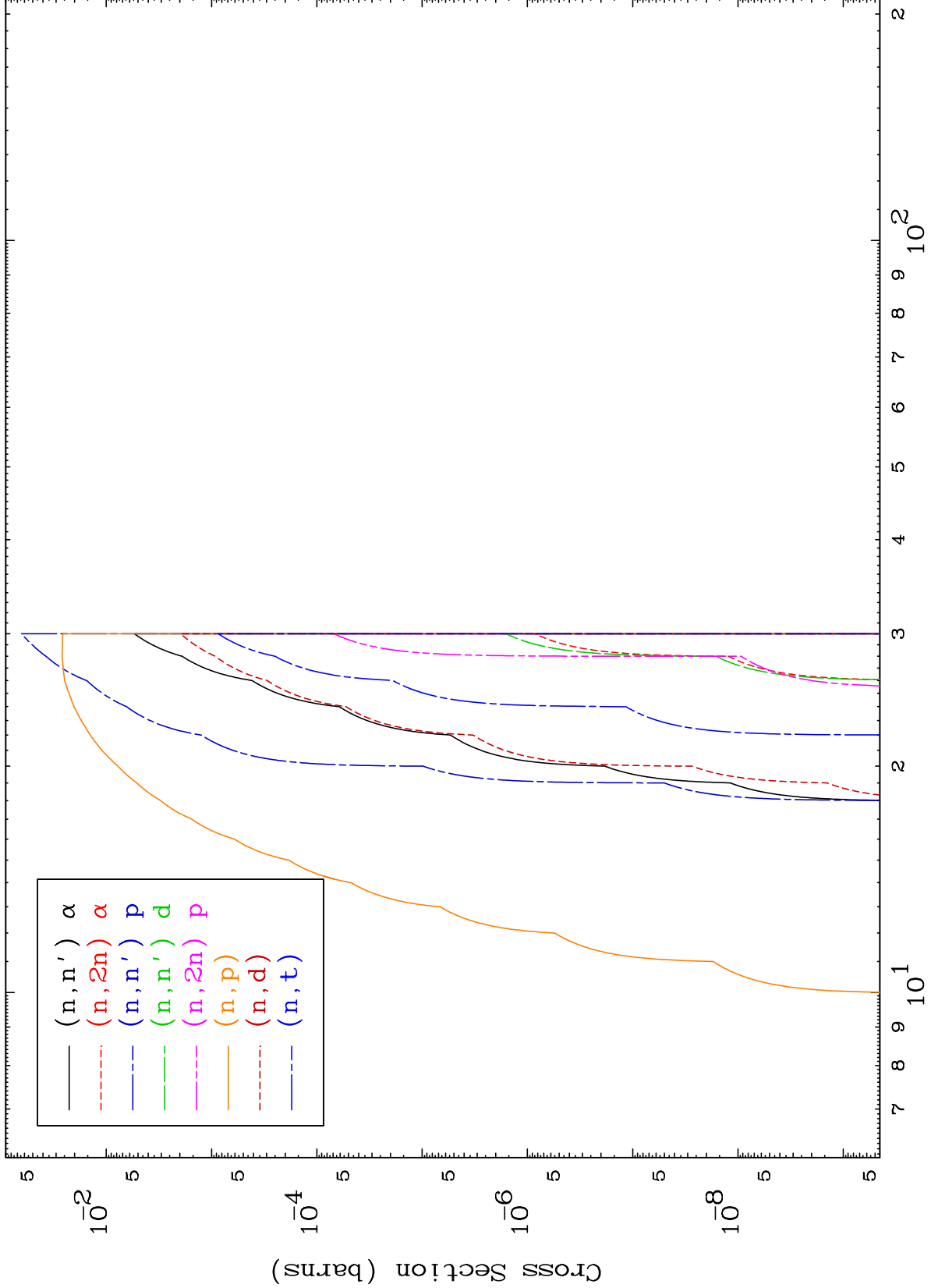
Incident Energy (MeV)

3

MAT 6019

α Charged Particle
0 Kelvin Cross Sections

60-Nd-140

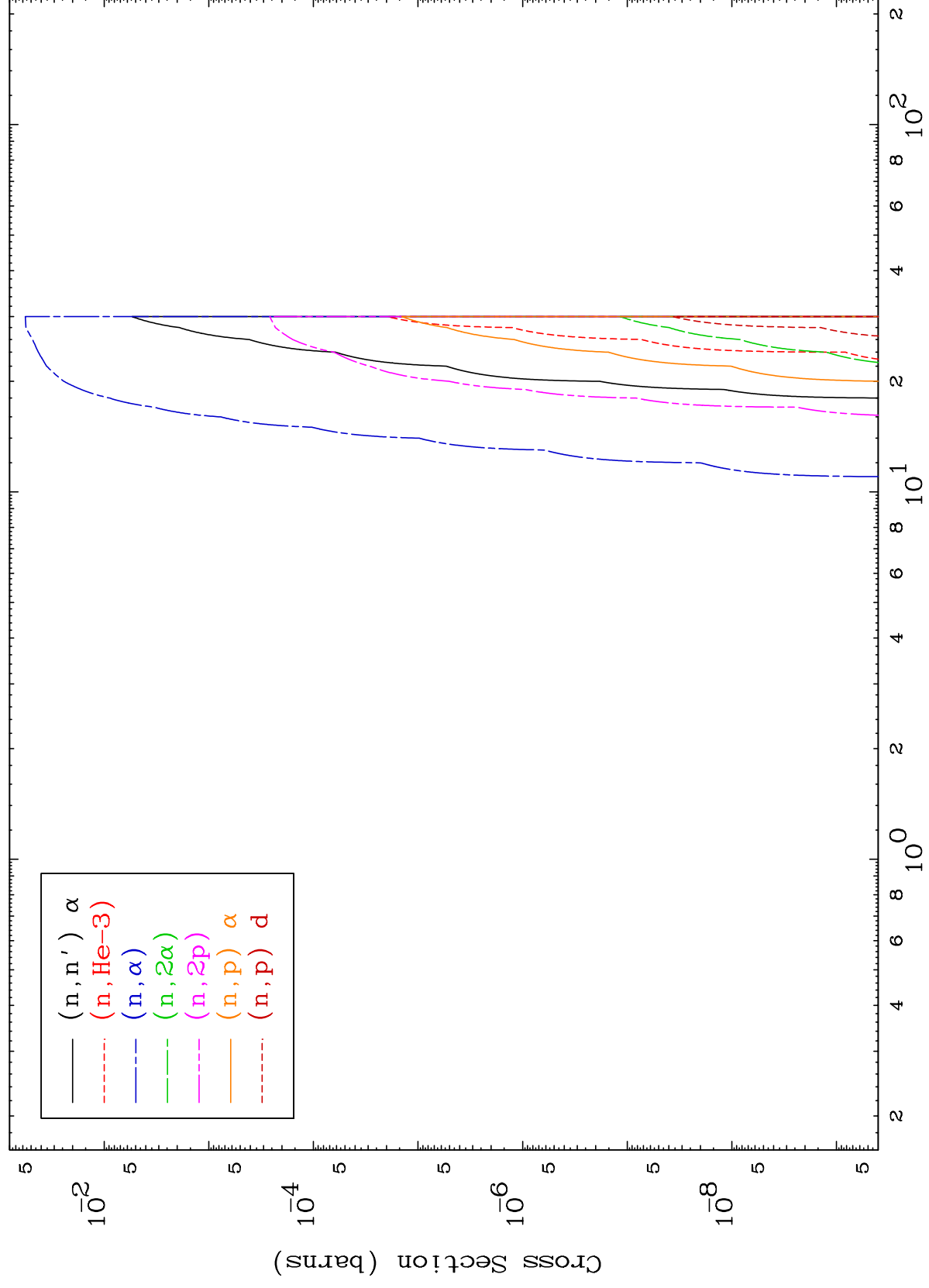


MAT 6019

α Charged Particle

60-Nd-140

0 Kelvin Cross Sections



5

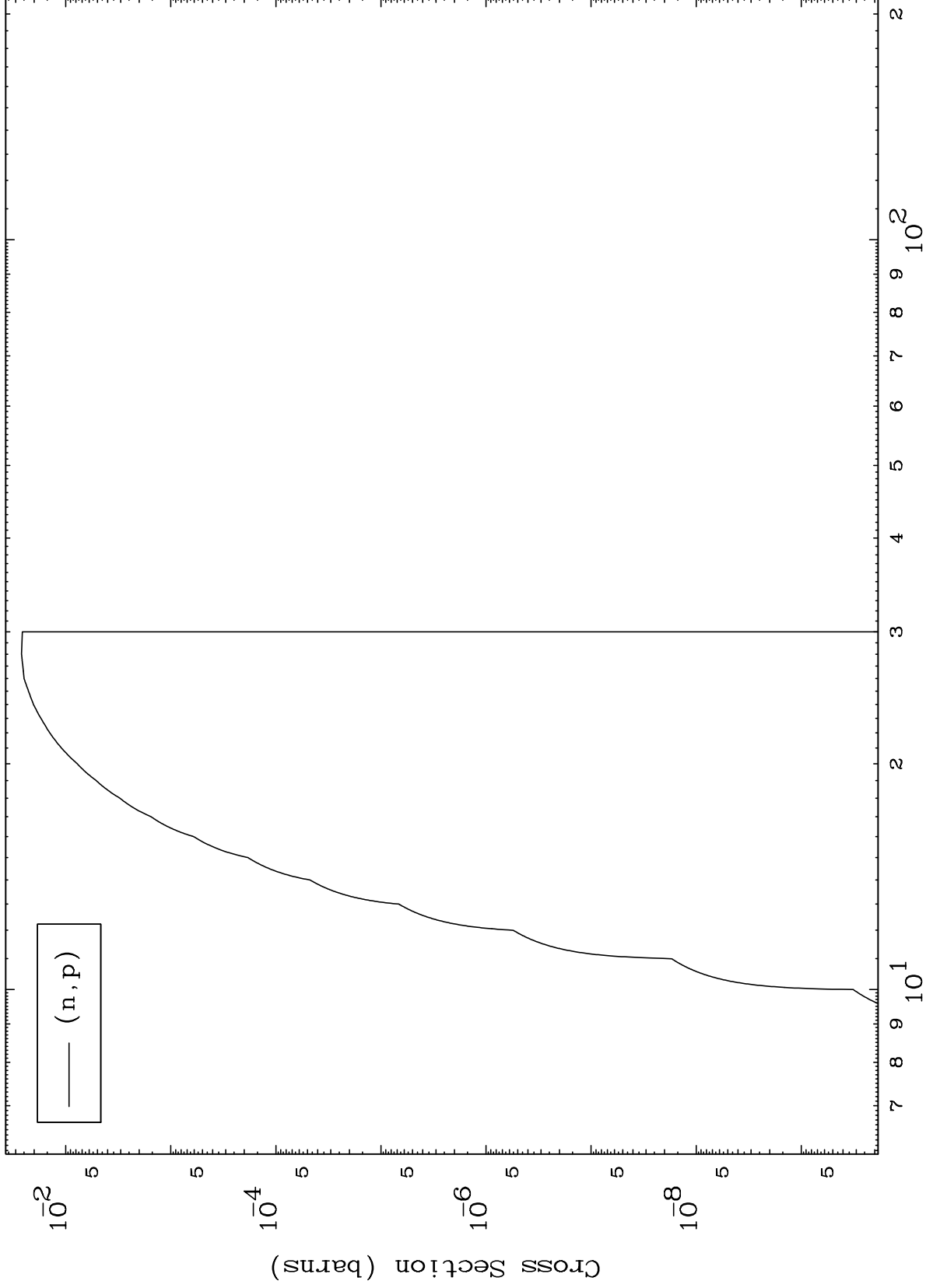
Incident Energy (MeV)

60-Nd-140

MAT 6019

(α, p) Levels
0 Kelvin Cross Sections

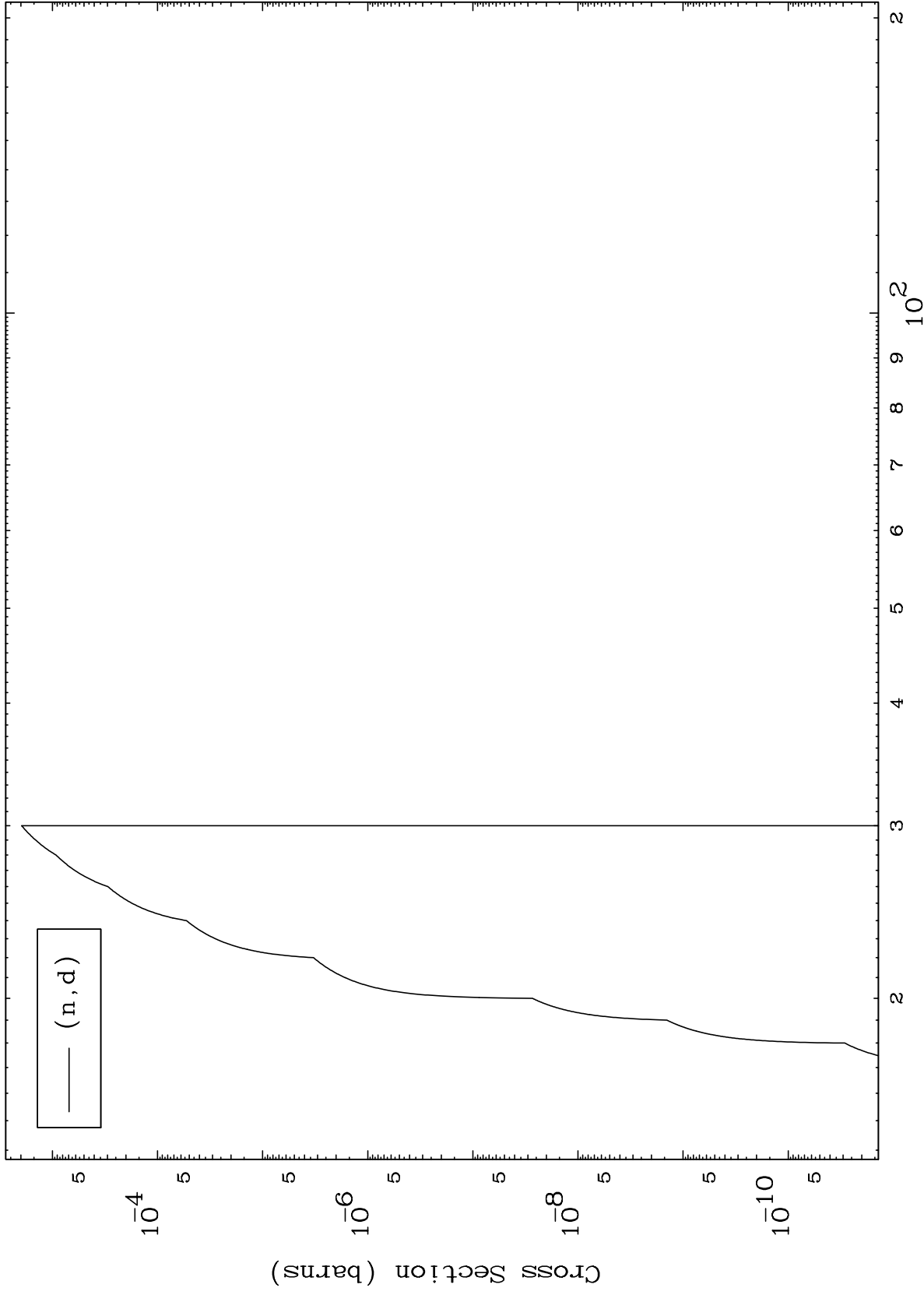
60-Nd-140



MAT 6019

(α, d) Levels
0 Kelvin Cross Sections

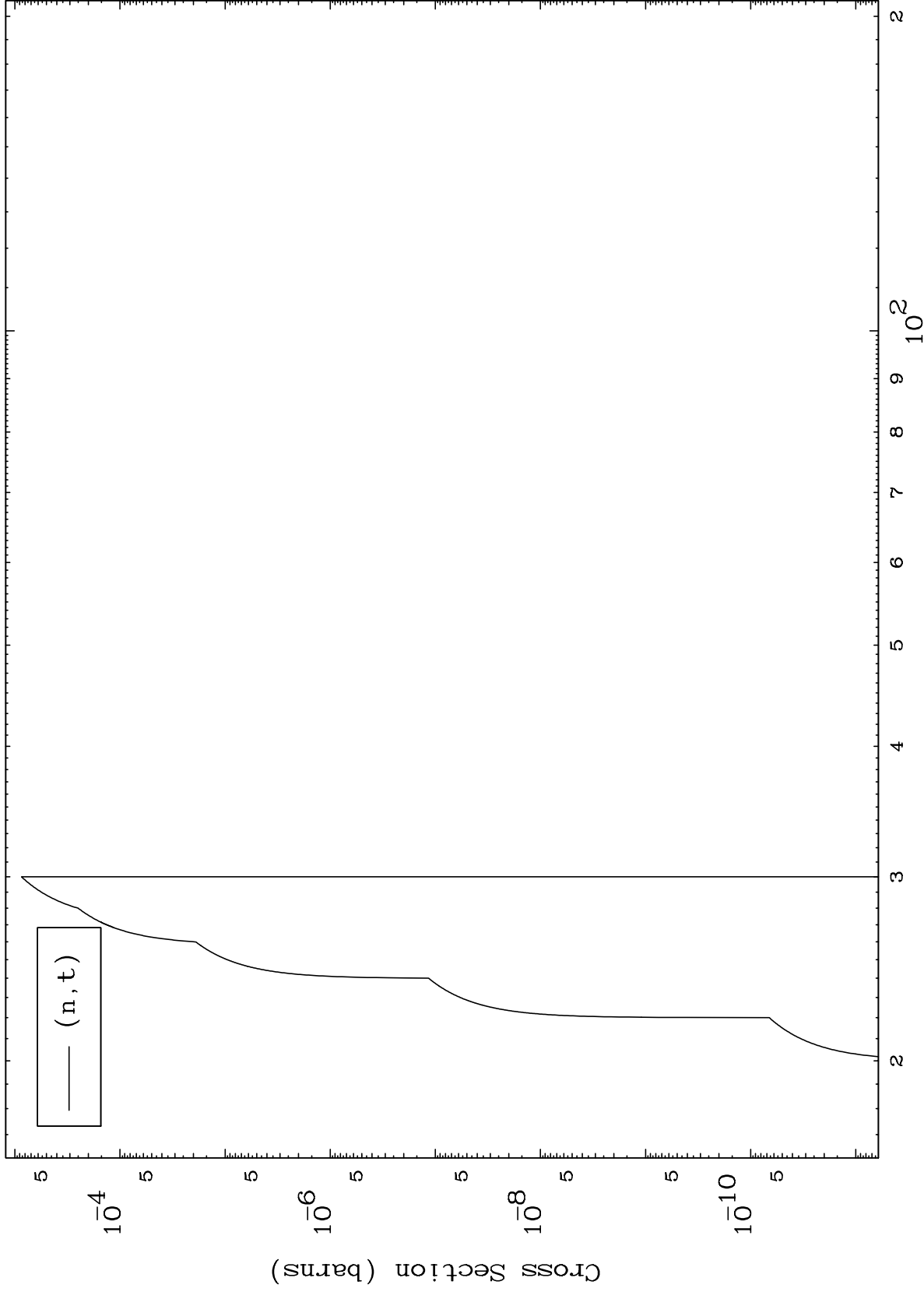
$^{60}\text{Nd}-140$



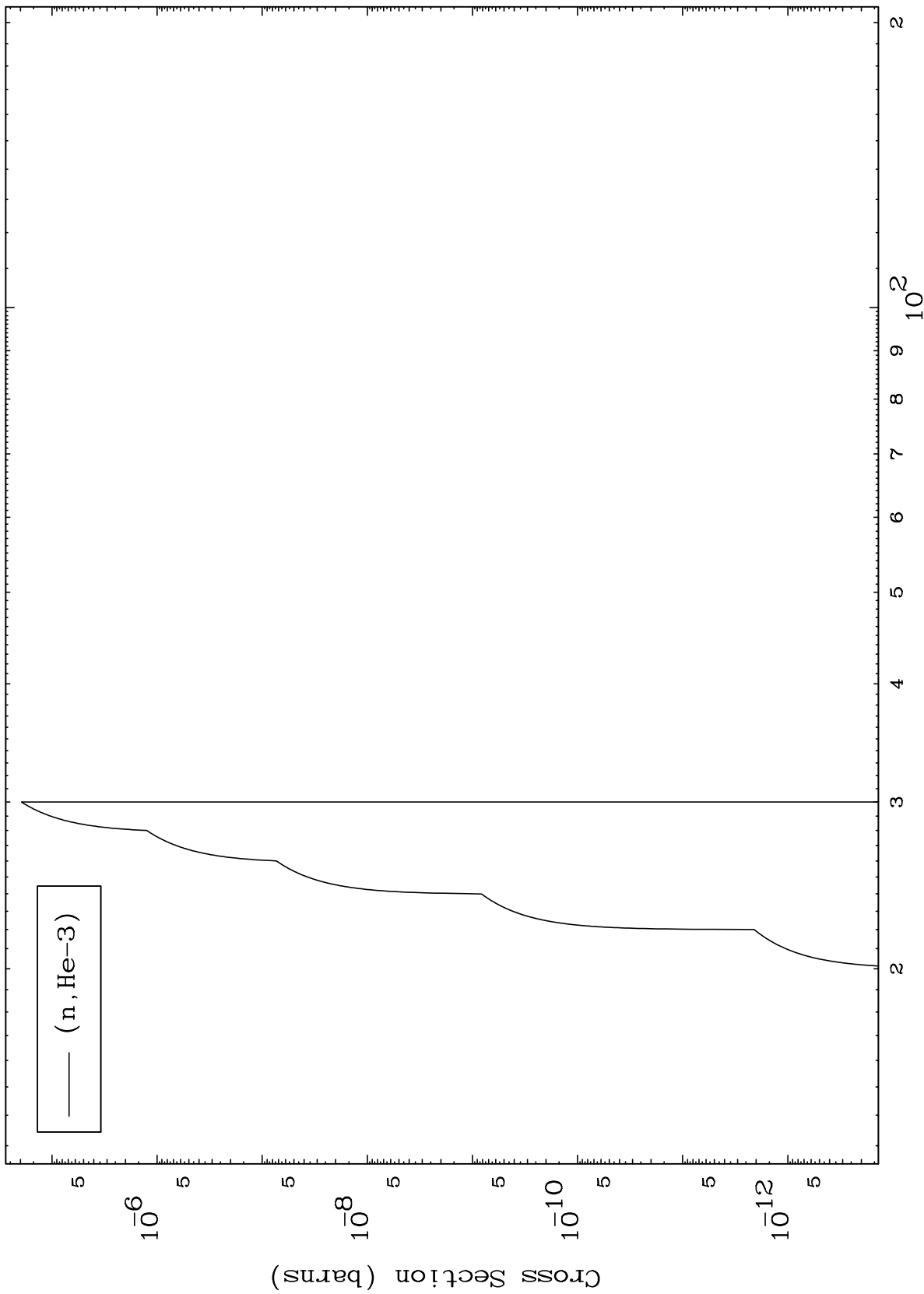
7

Incident Energy (MeV)

$^{60}\text{Nd}-140$



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

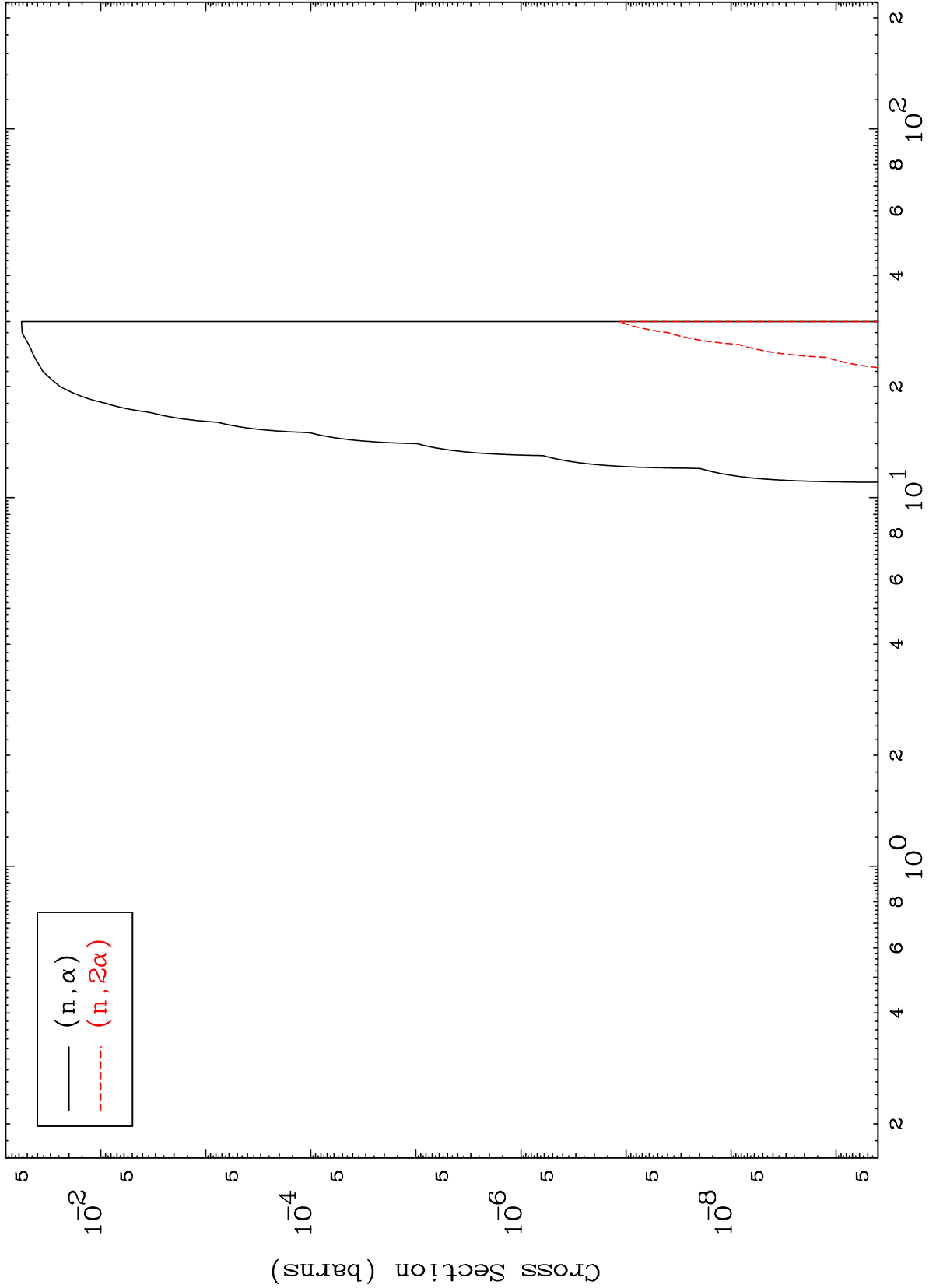


MAT 6019

(α, α) Levels

60-Nd-140

0 Kelvin Cross Sections

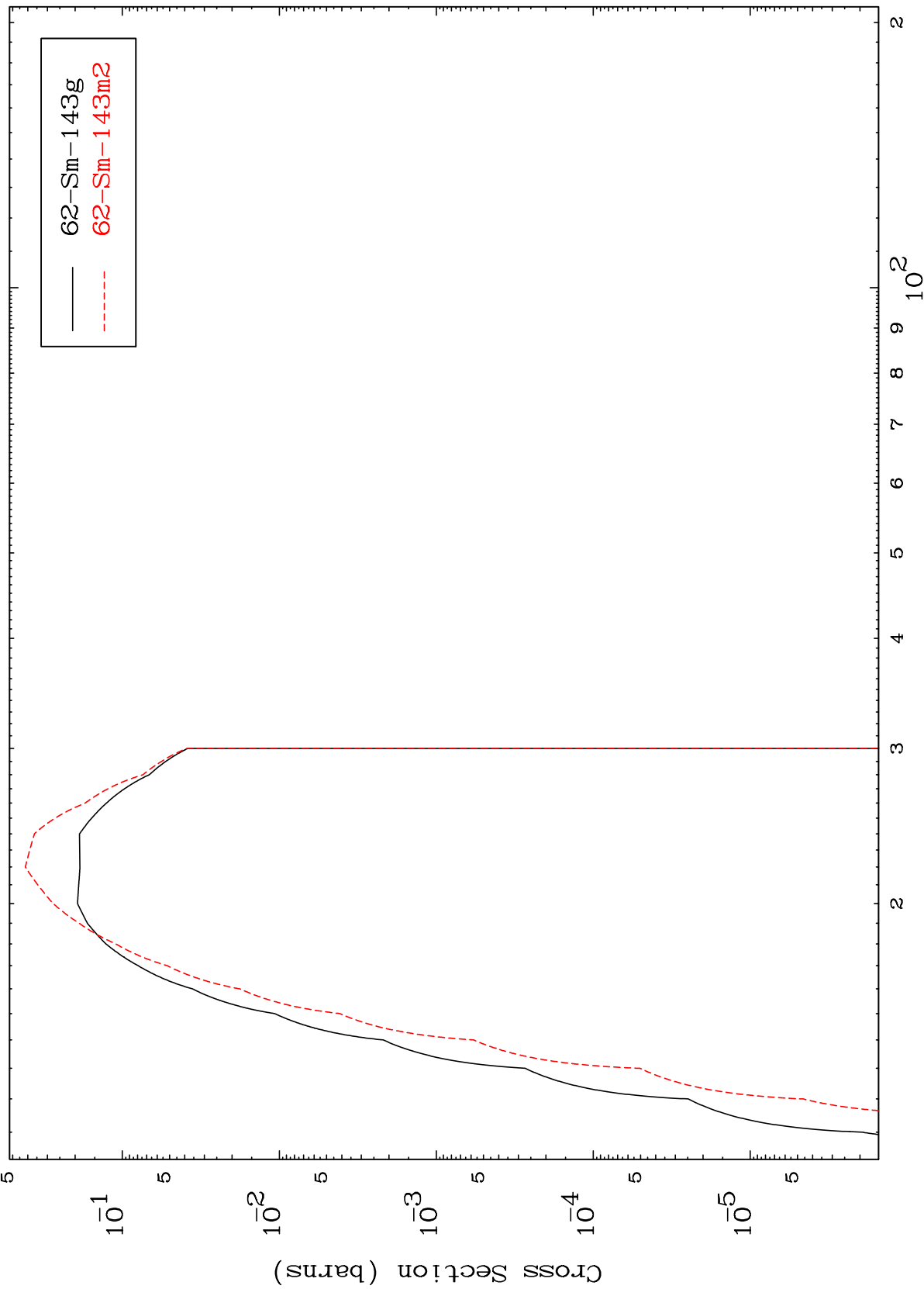


10

Incident Energy (MeV)

60-Nd-140

Inelastic
Radionuclide Production Cross Section

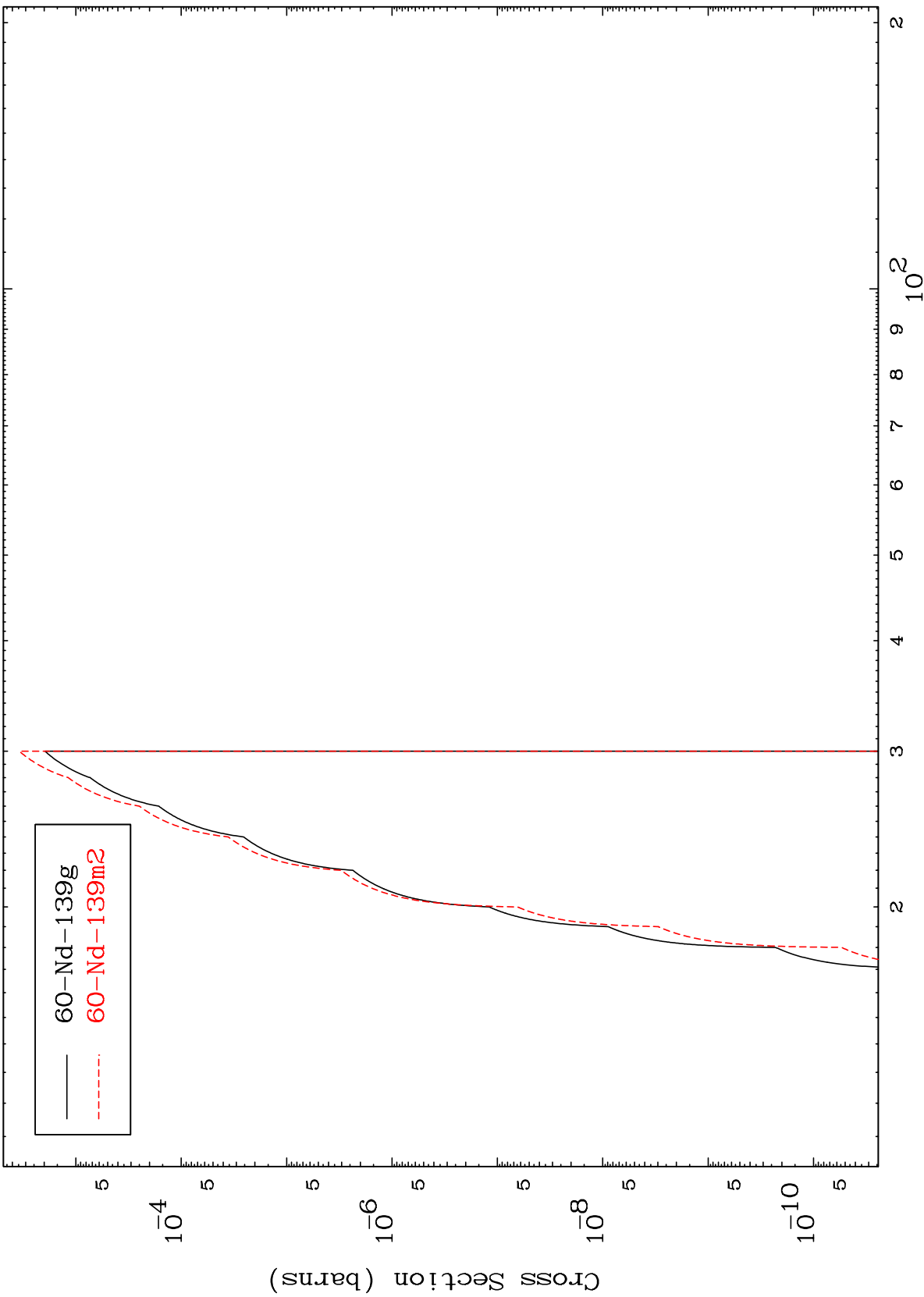


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60-Nd-140

(n,n') α

Radionuclide Production Cross Section



Incident Energy (MeV)

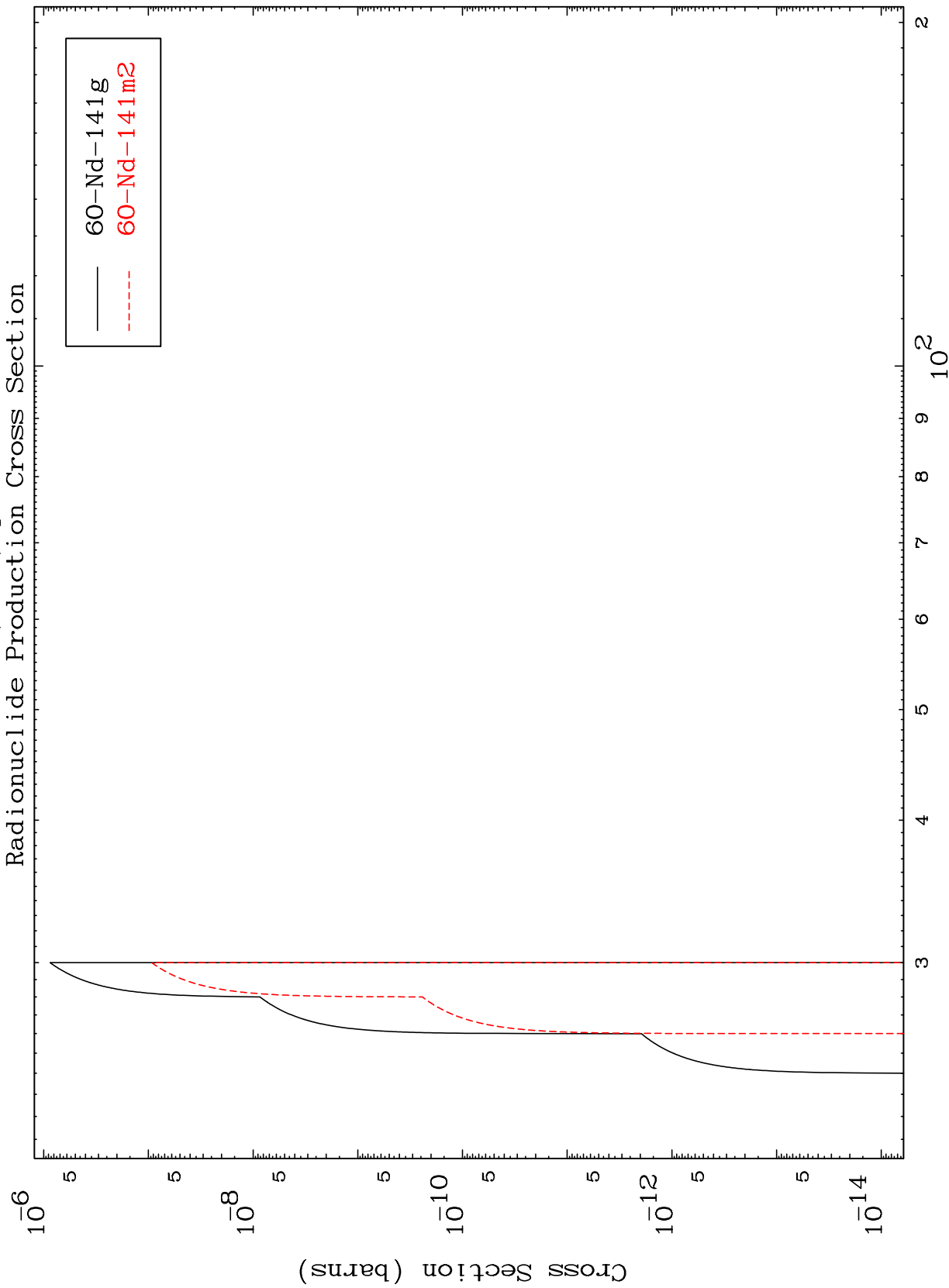
60-Nd-140

12

MAT 6019

60-Nd-140

(n,2n) p
Radionuclide Production Cross Section



13

60-Nd-140

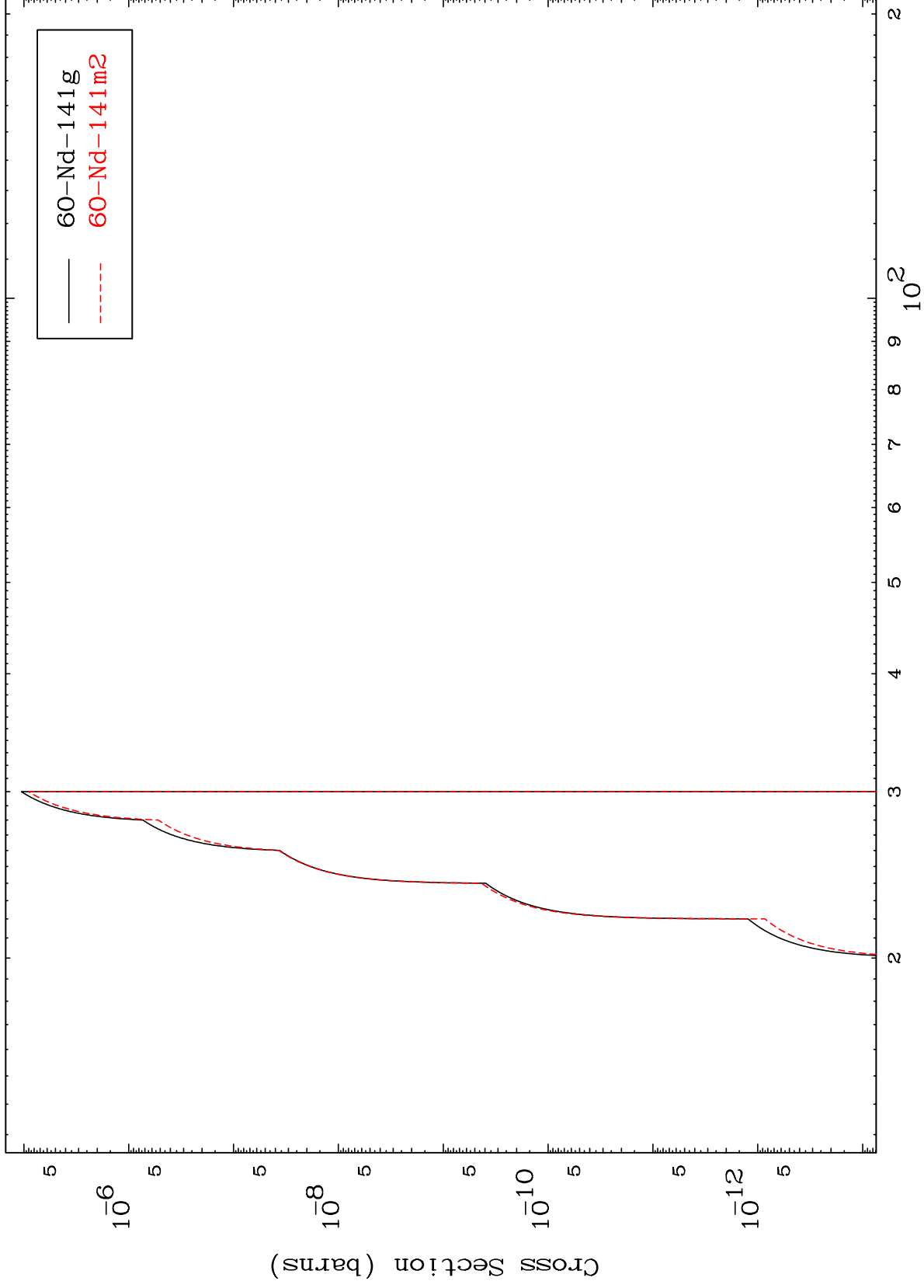
Incident Energy (MeV)

MAT 6019

(n,He-3)

60-Nd-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

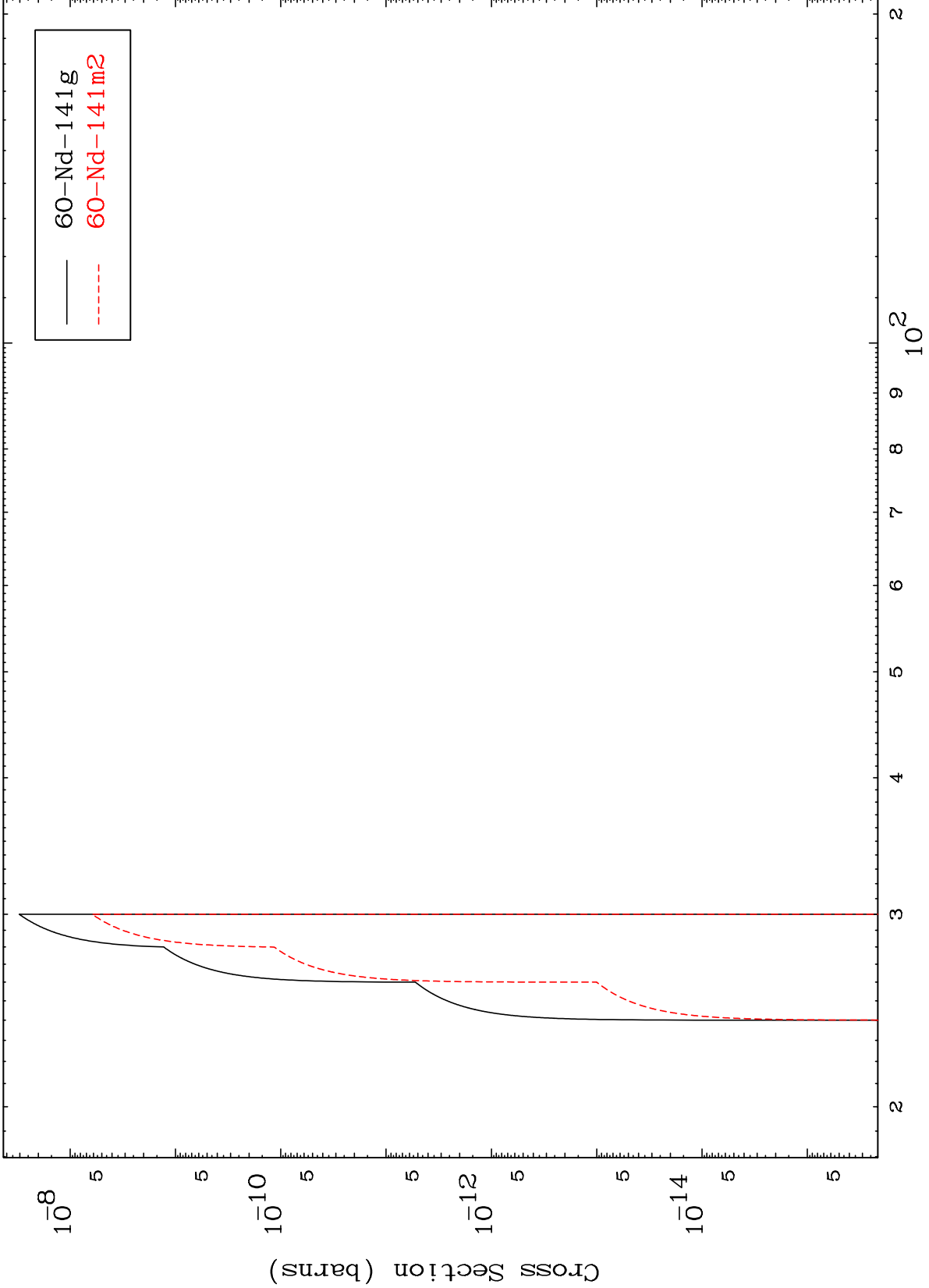
60-Nd-140

MAT 6019

(n,p) d

60-Nd-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-140