

Program EVALPLOT
(Version 2021-1)

by

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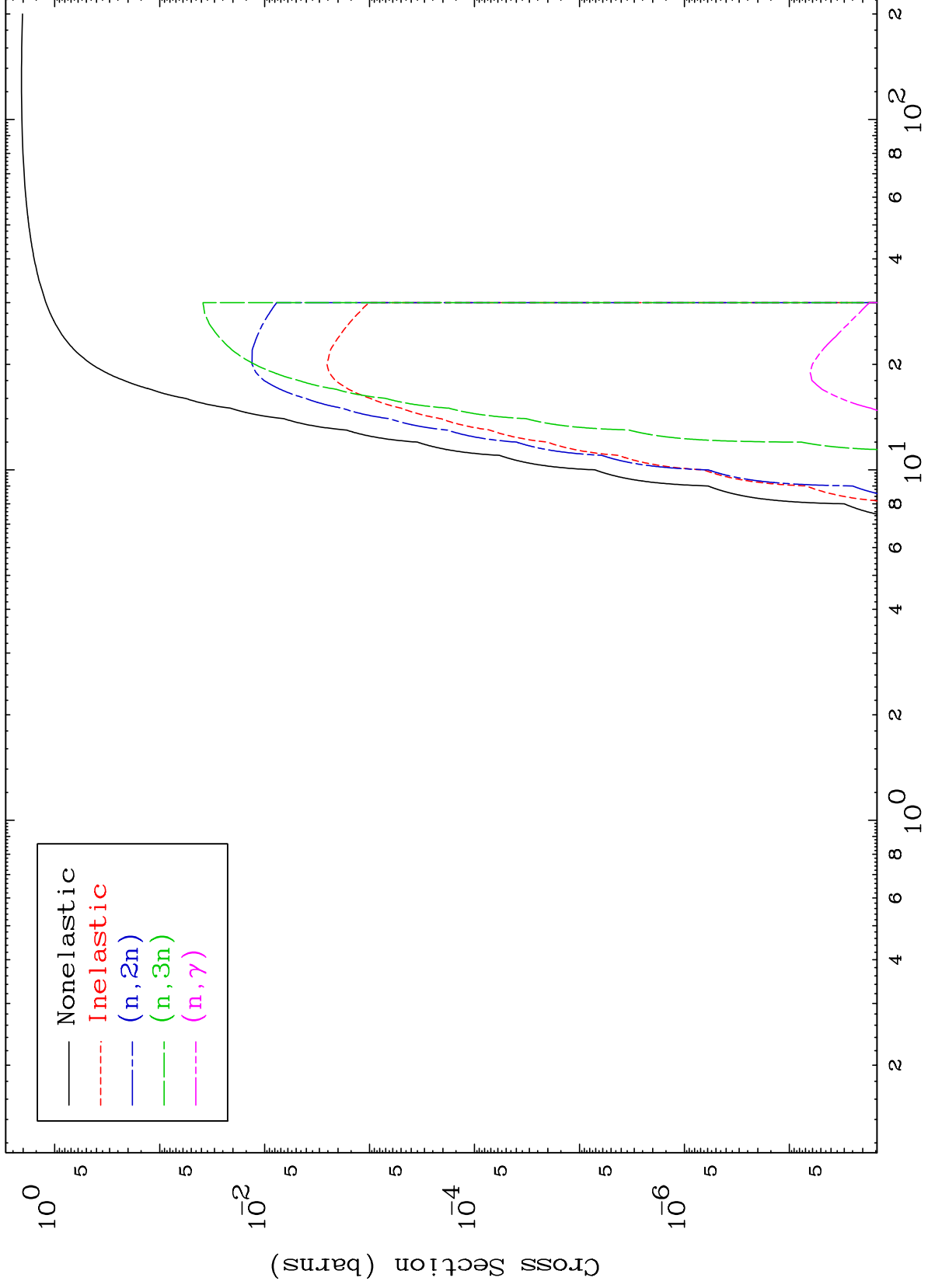
Press Mouse Button to Start

MAT 6031

He-3 Major

60-Nd-144

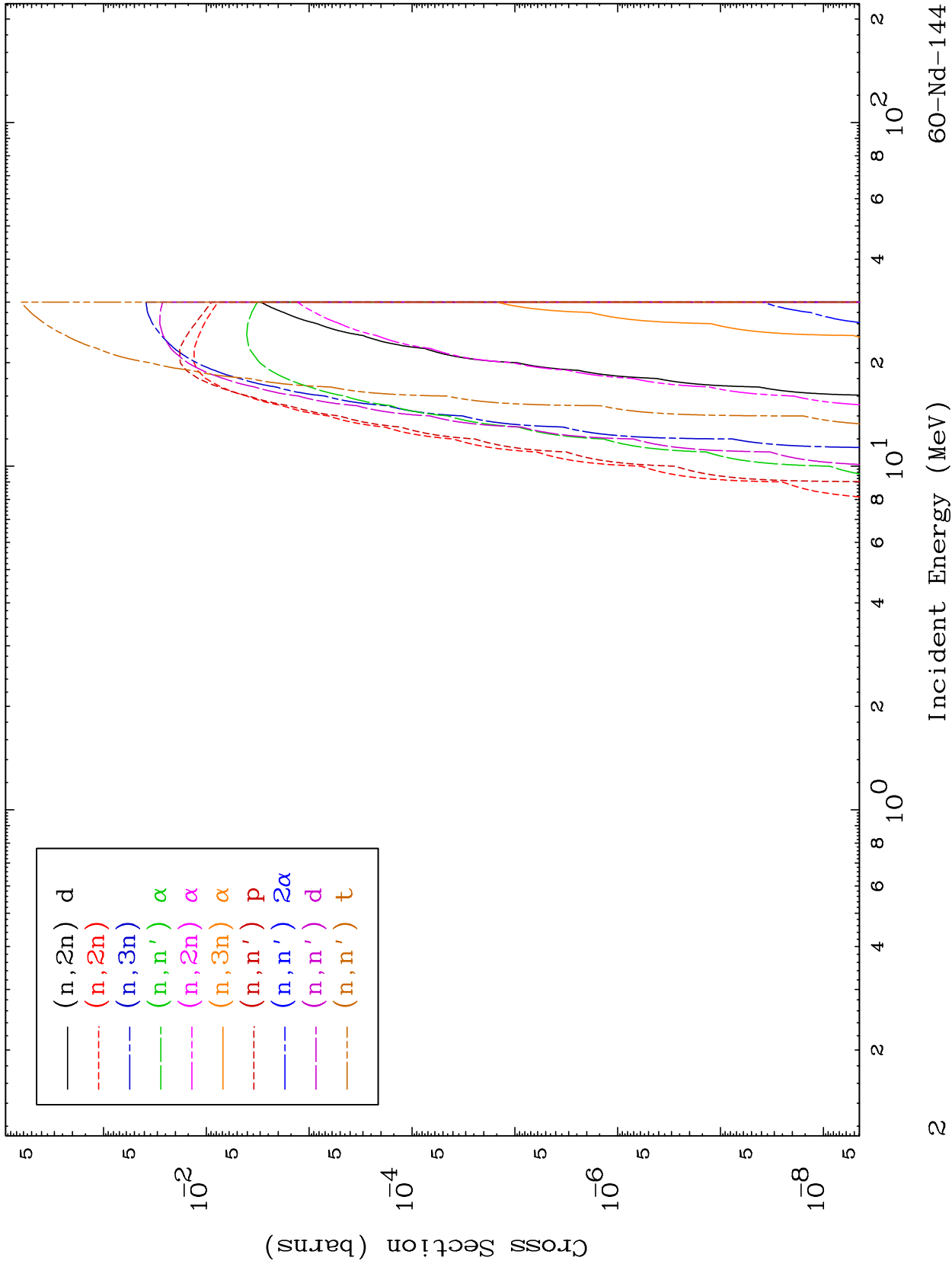
0 Kelvin Cross Sections



MAT 6031

He-3 Neutron Absorption
0 Kelvin Cross Sections

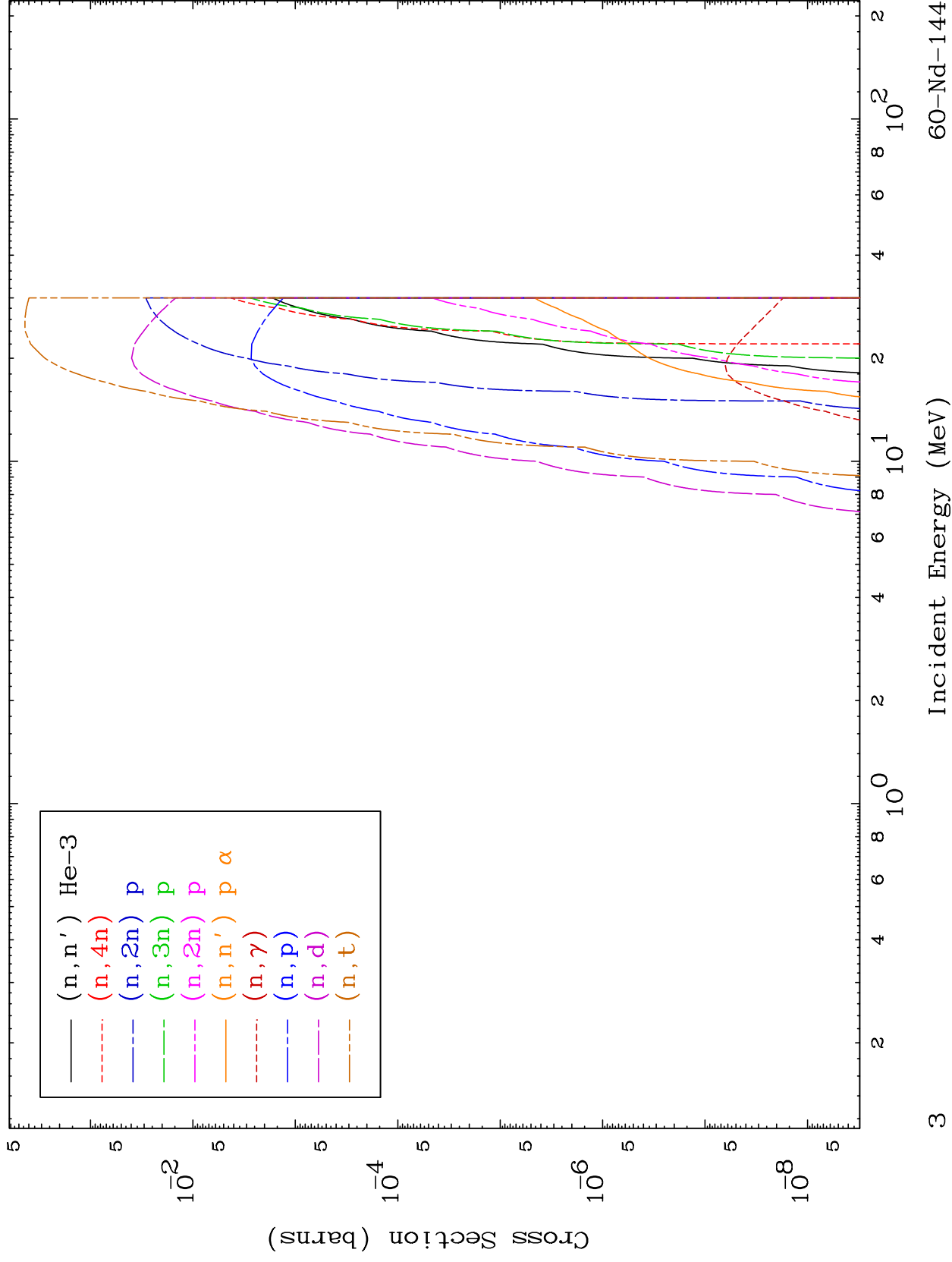
60-Nd-144



MAT 6031

He-3 Neutron Absorption
0 Kelvin Cross Sections

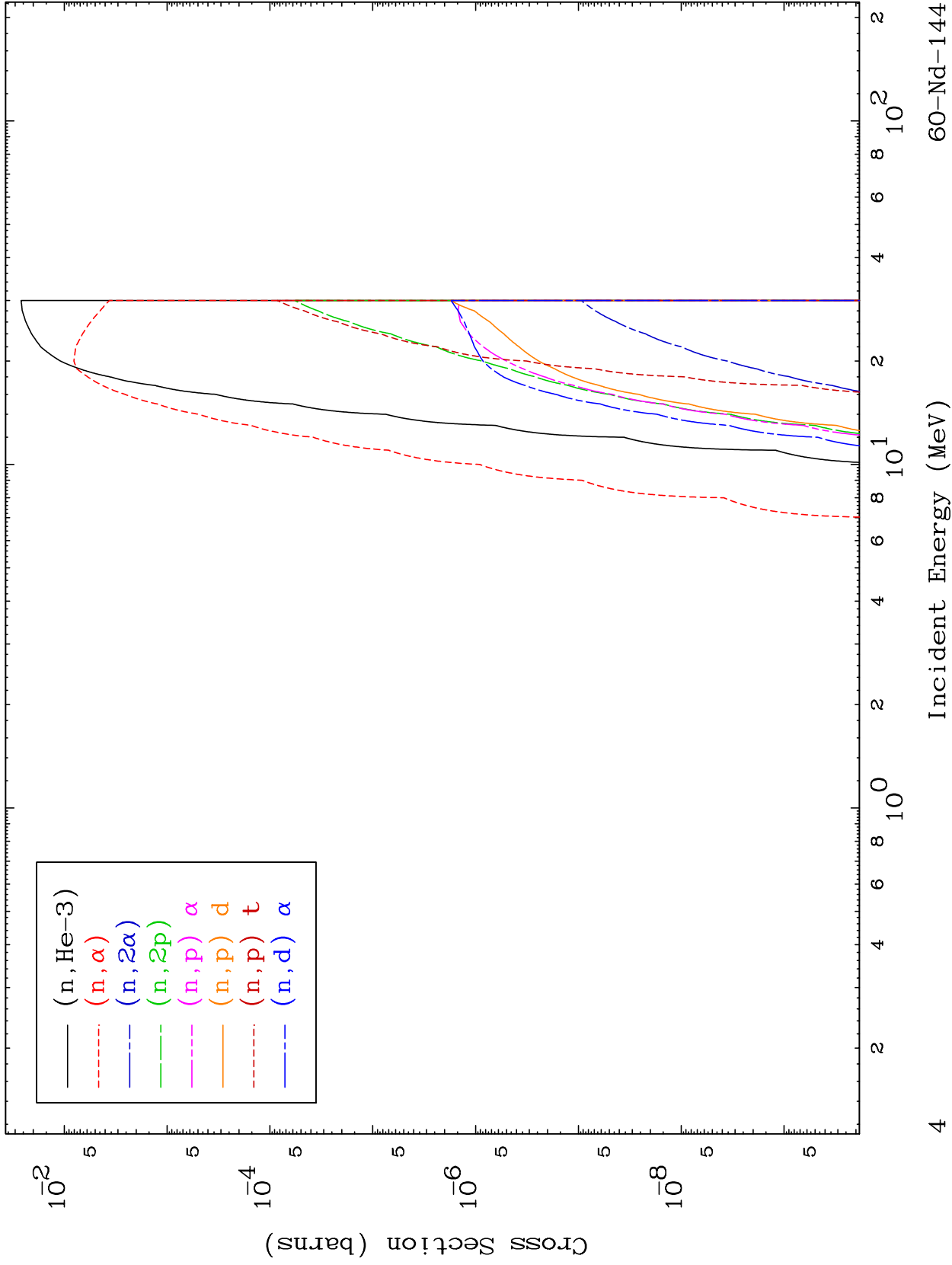
60-Nd-144



MAT 6031

He-3 Neutron Absorption
0 Kelvin Cross Sections

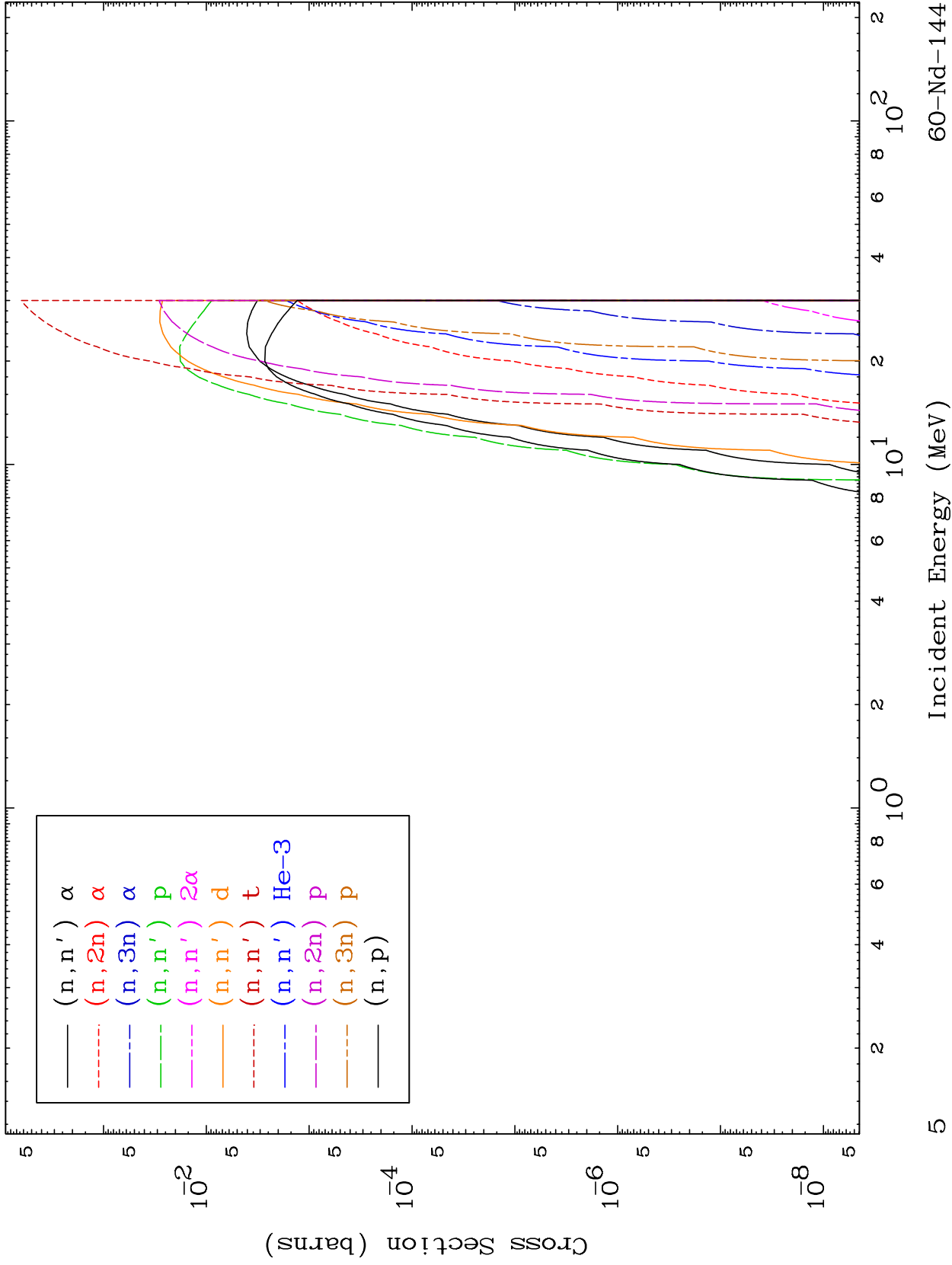
60-Nd-144



MAT 6031

He-3 Charged Particle
0 Kelvin Cross Sections

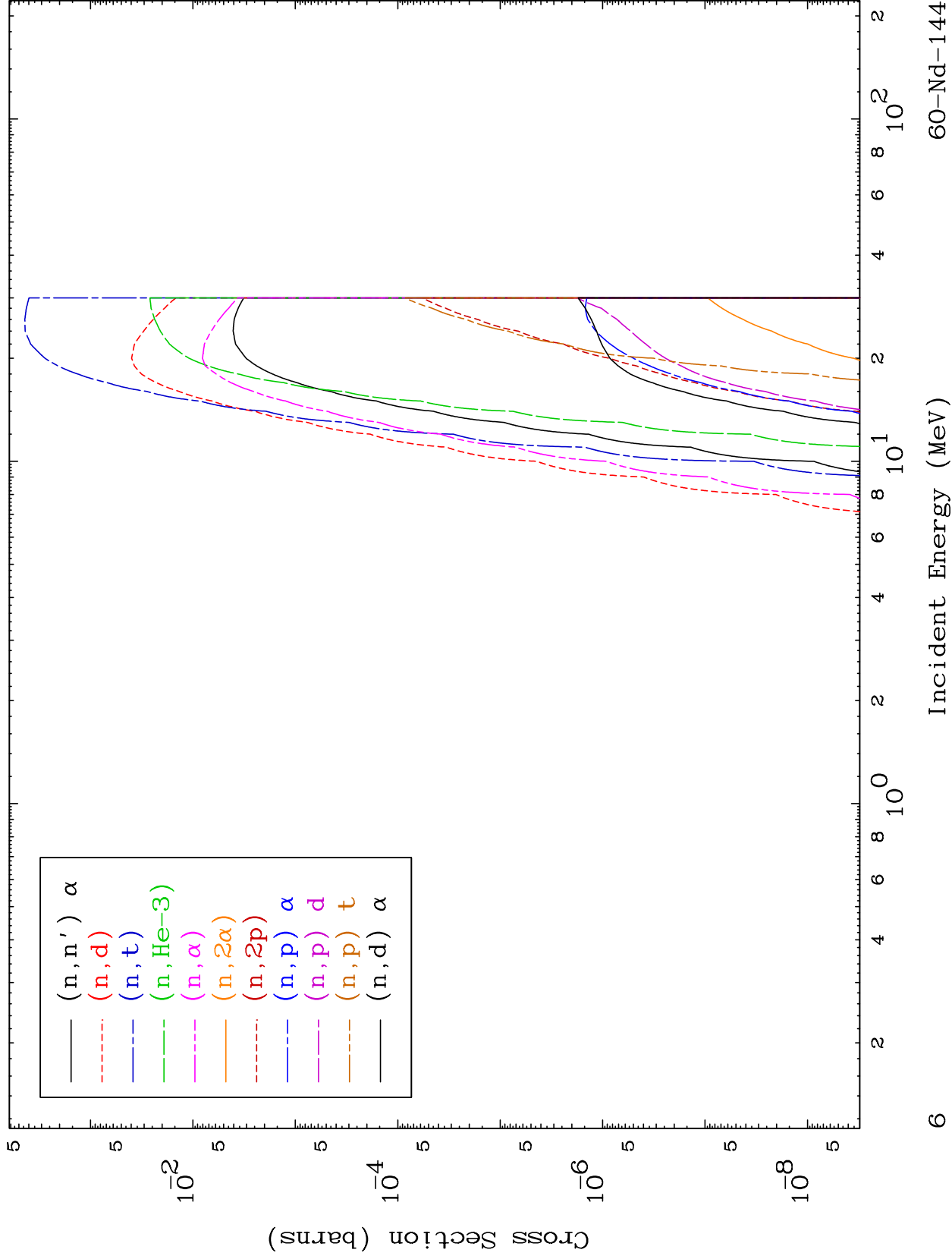
60-Nd-144



MAT 6031

He-3 Charged Particle
0 Kelvin Cross Sections

60-Nd-144

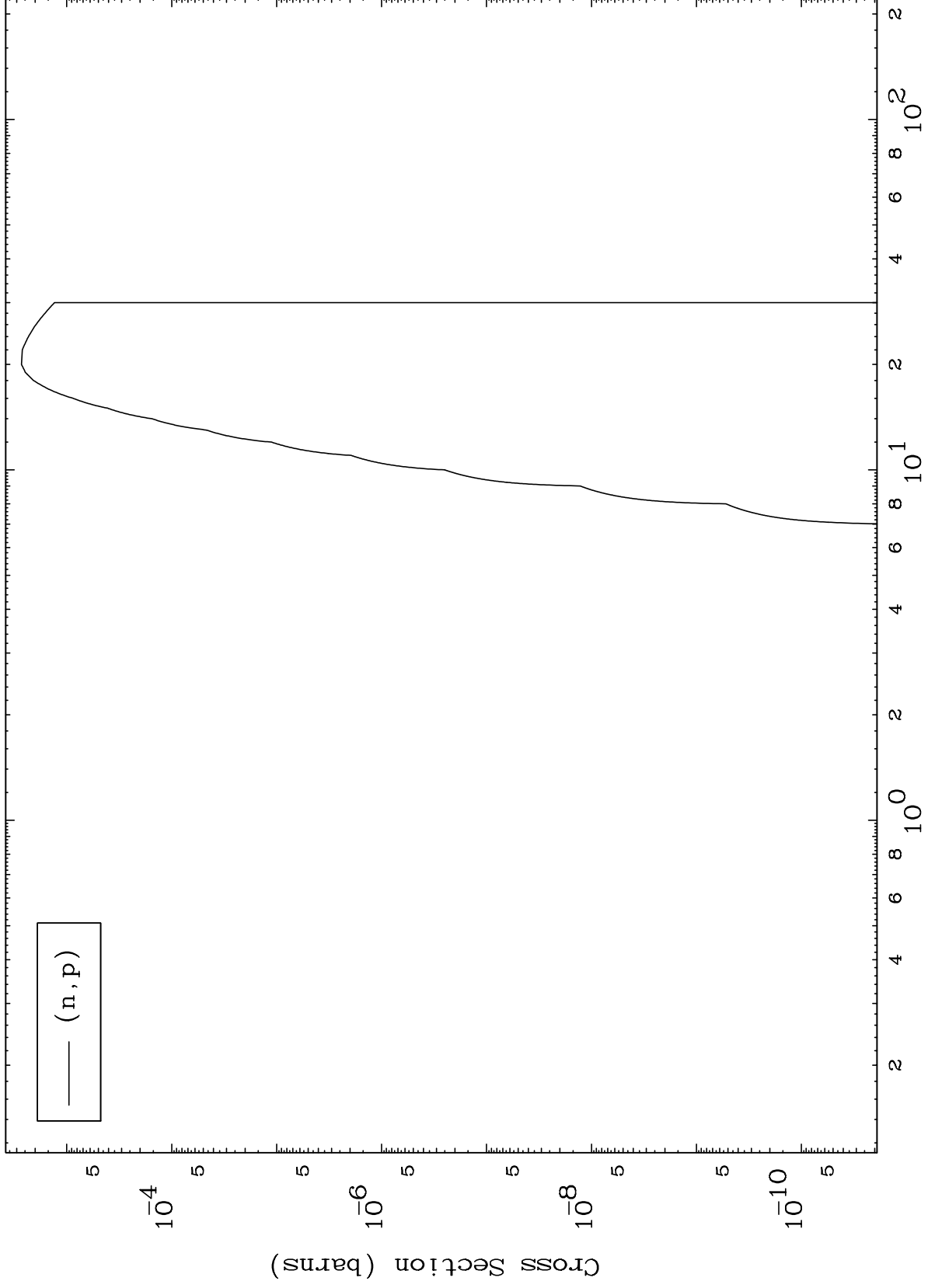


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(He-3,p) Levels

60-Nd-144

0 Kelvin Cross Sections

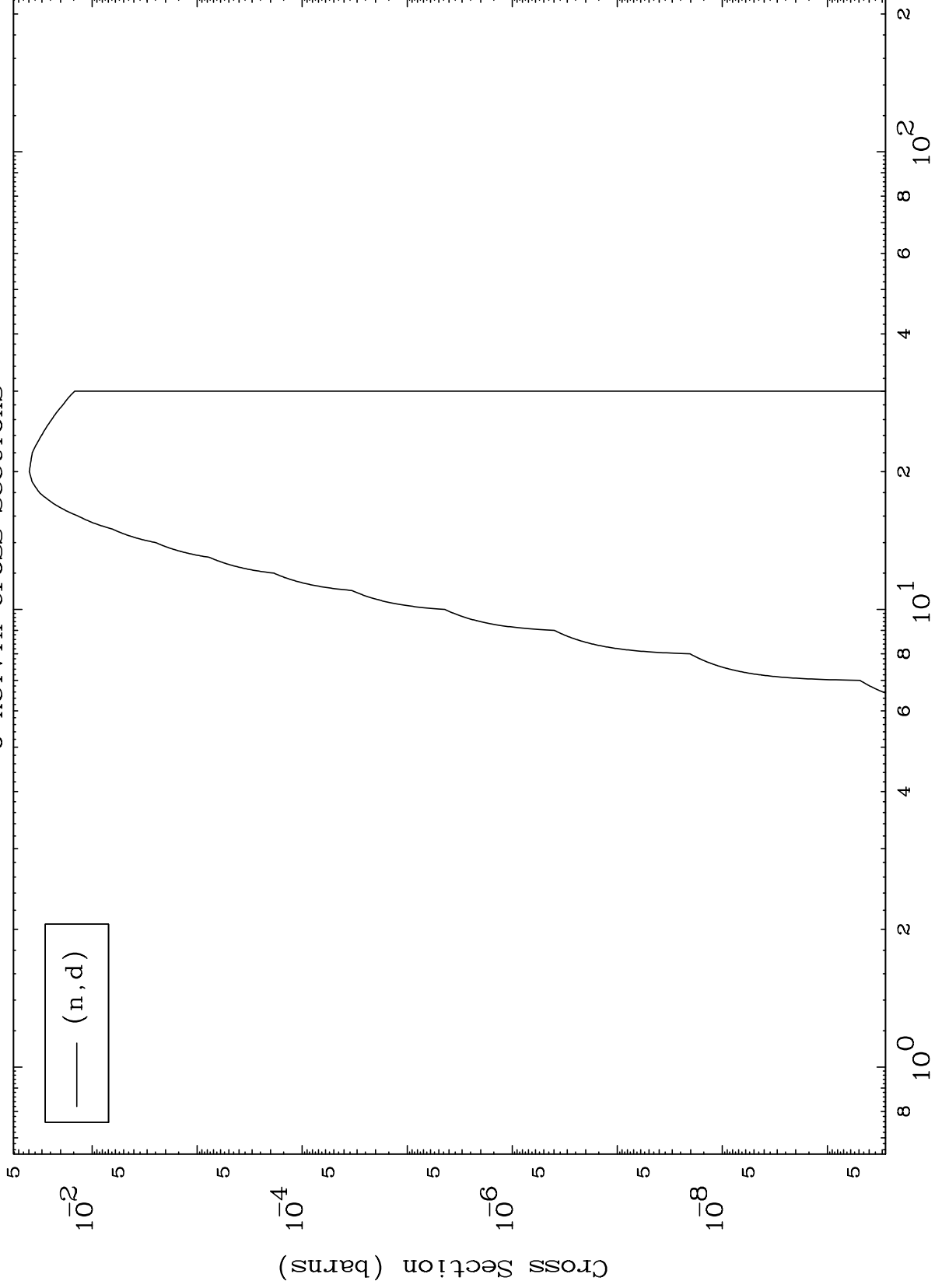


MAT 6031

(He-3,d) Levels

60-Nd-144

0 Kelvin Cross Sections



(n,d)

8

Incident Energy (MeV)

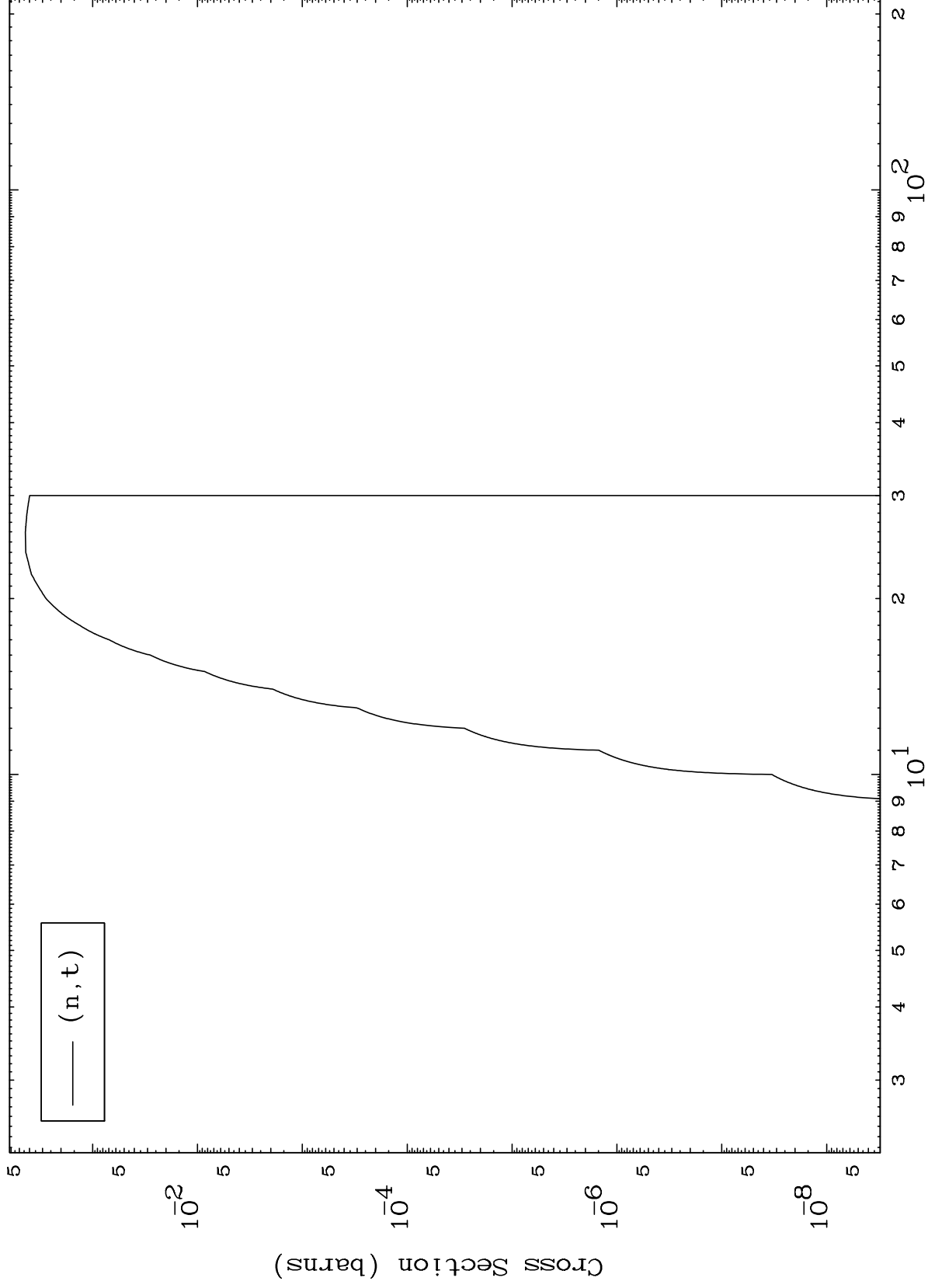
60-Nd-144

MAT 6031

(He-3,t) Levels

60-Nd-144

0 Kelvin Cross Sections

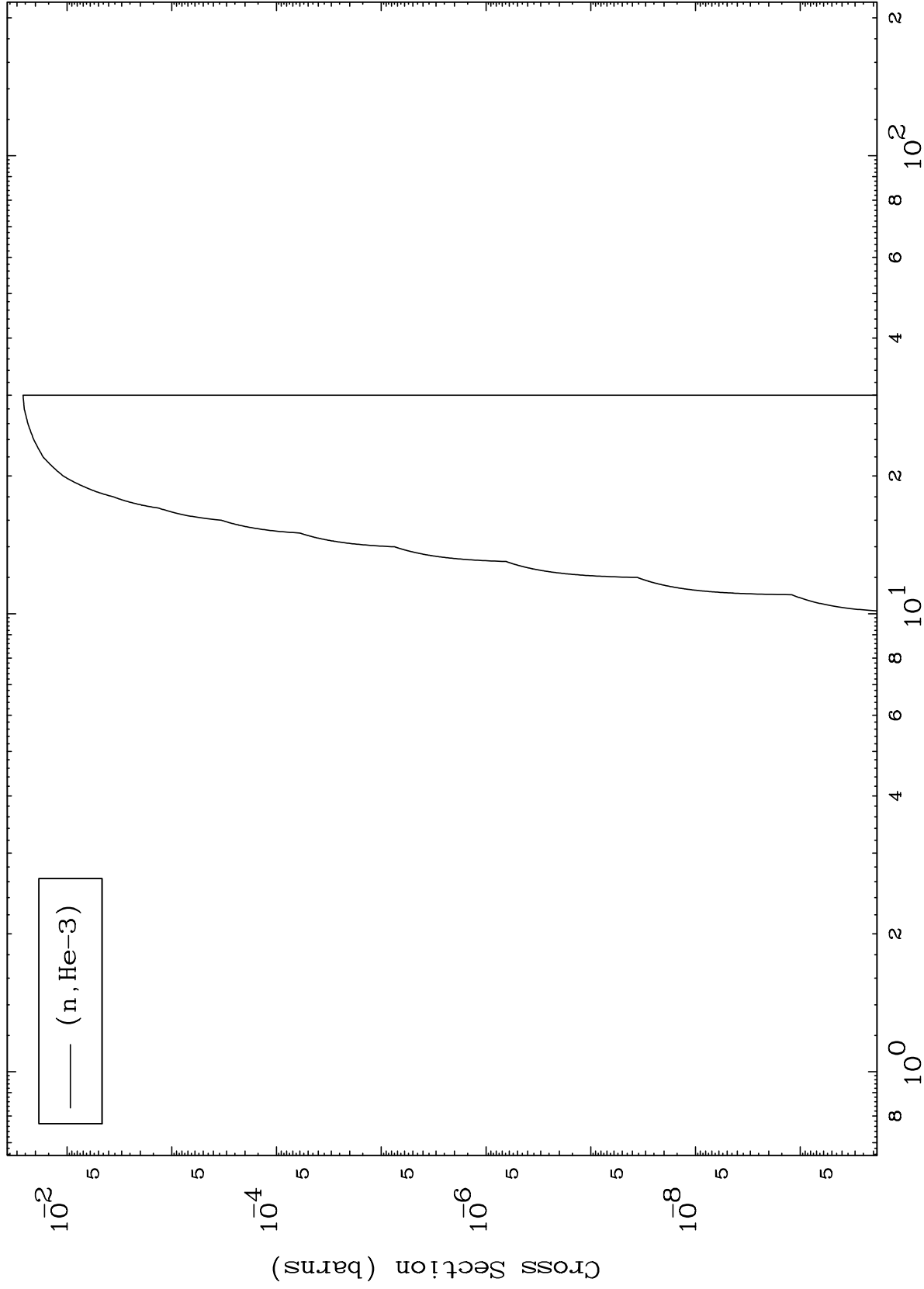


MAT 6031

(He-3, He3) Levels

60-Nd-144

0 Kelvin Cross Sections



10

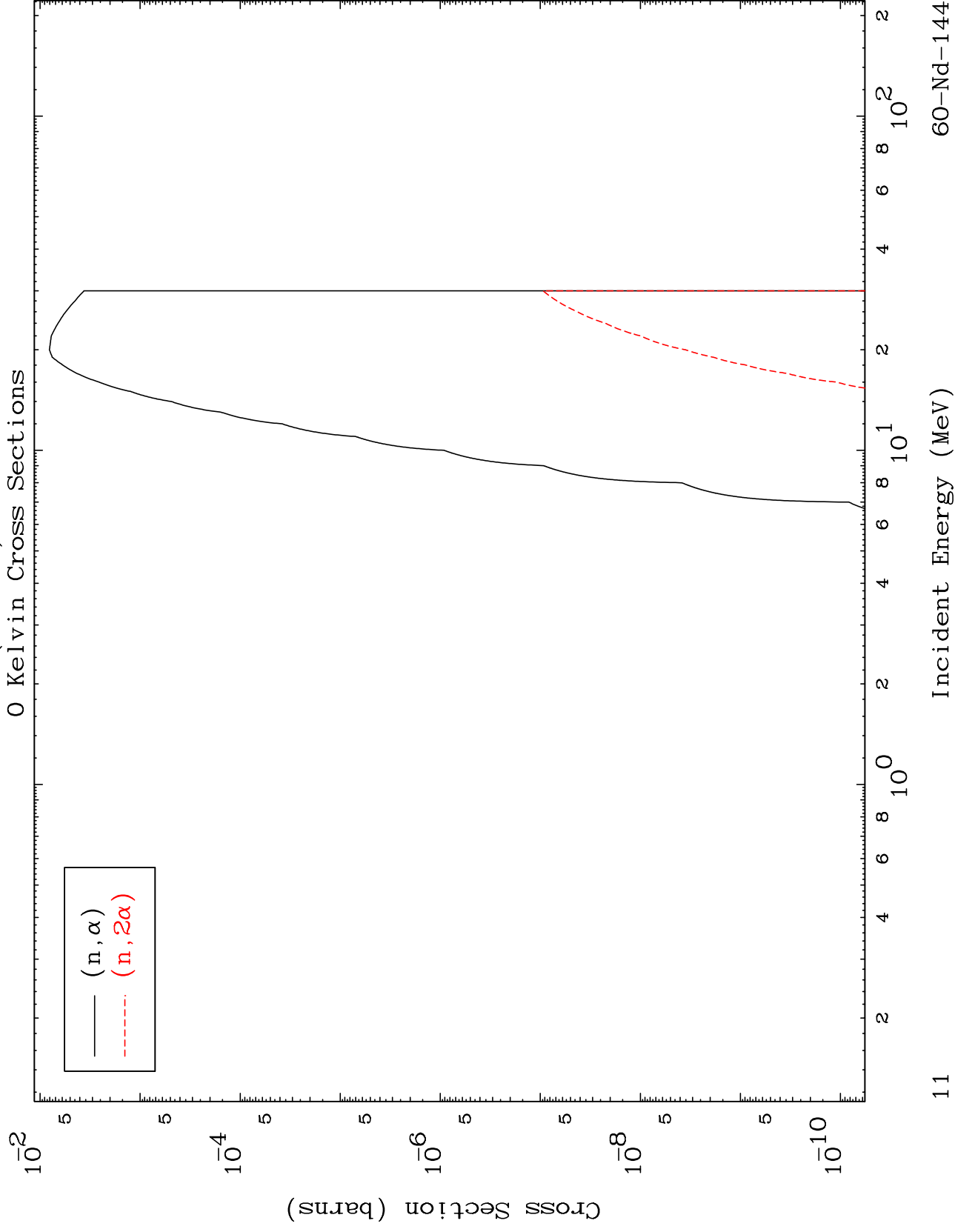
Incident Energy (MeV)

60-Nd-144

MAT 6031

(He-3, α) Levels

60-Nd-144

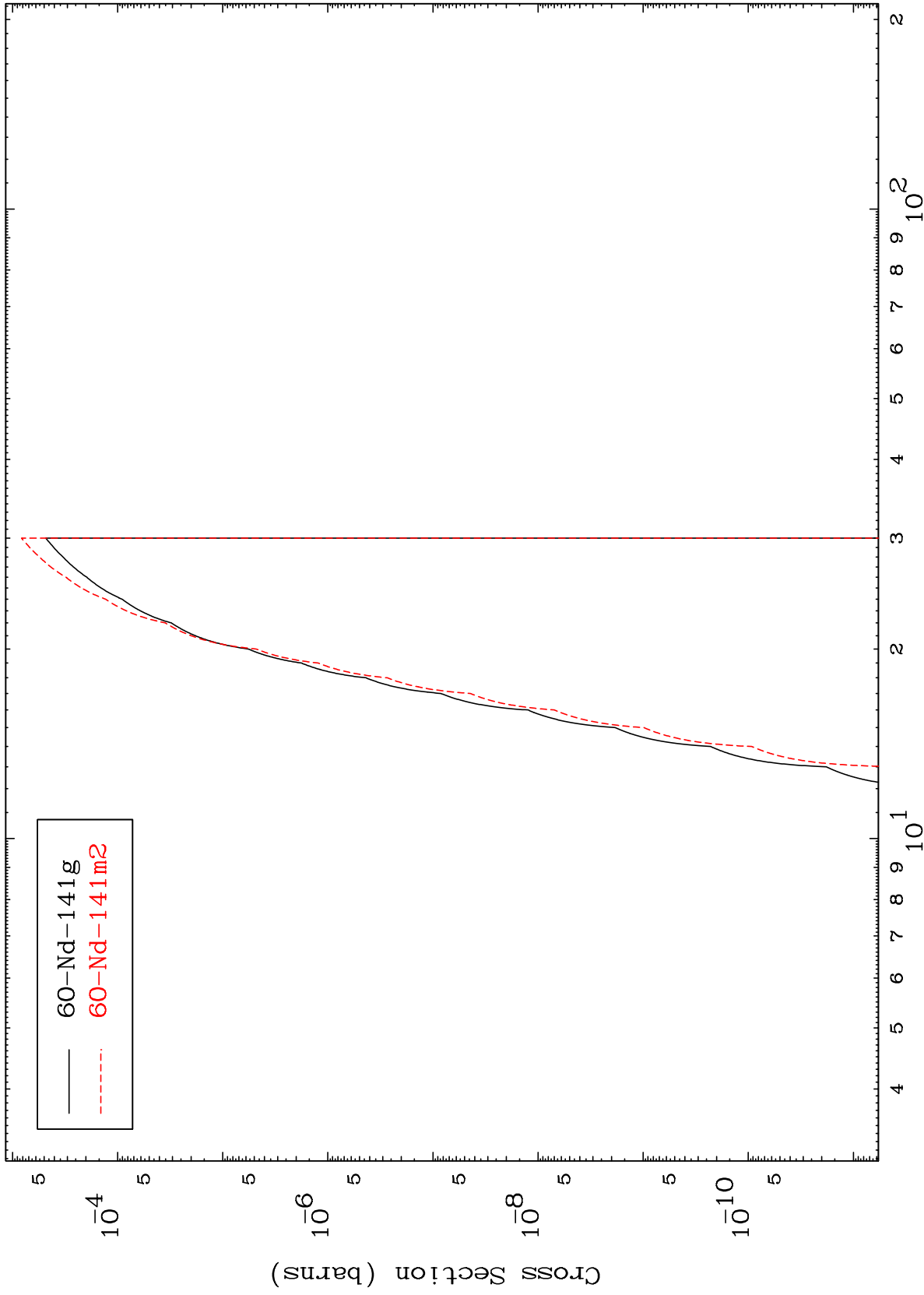


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$(n,2n) \alpha$

$^{60}\text{Nd}-144$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

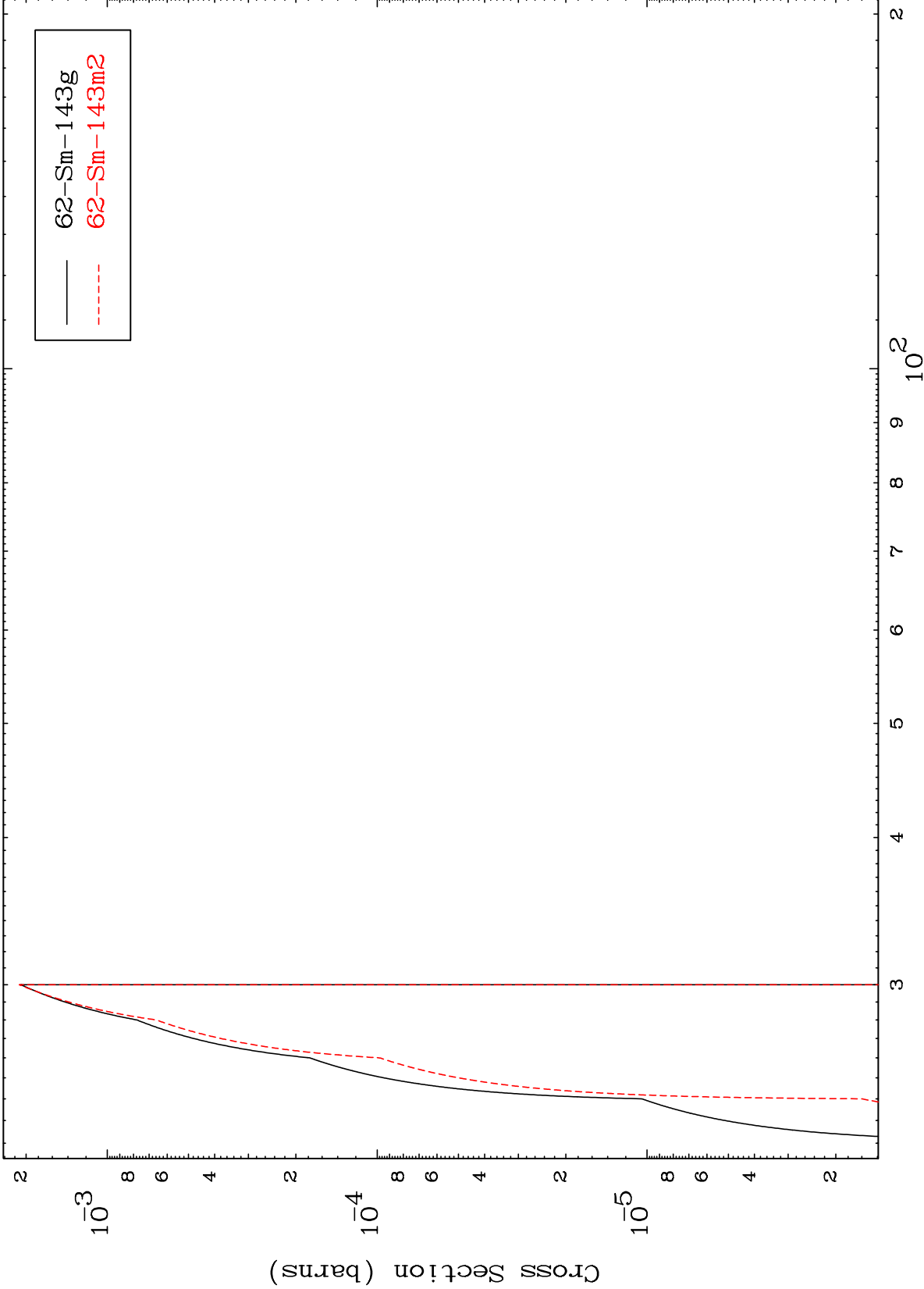
$^{60}\text{Nd}-144$

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(n,4n)

60-Nd-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

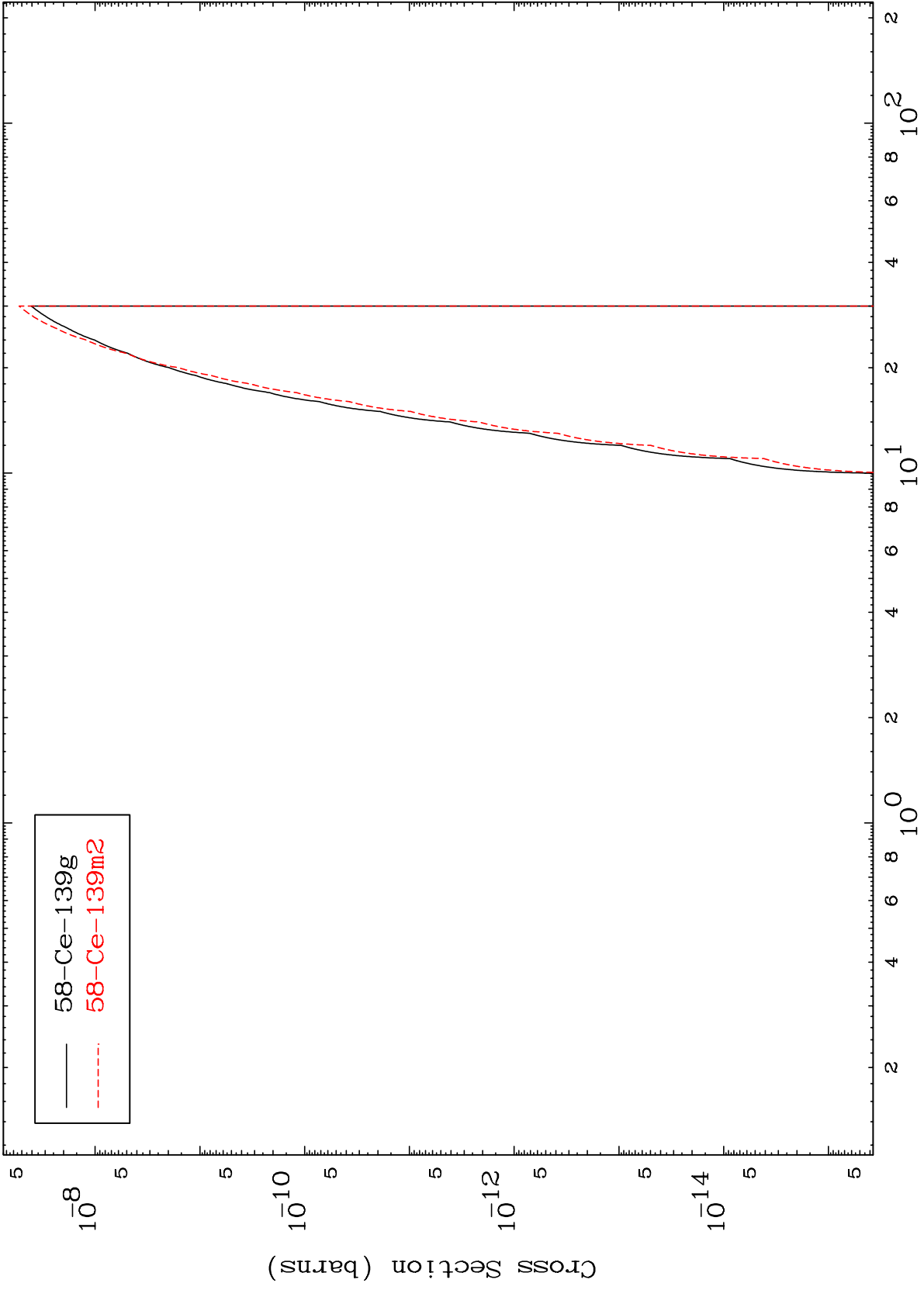
60-Nd-144

MAT 6031

(n,2α)

60-Nd-144

Radionuclide Production Cross Section



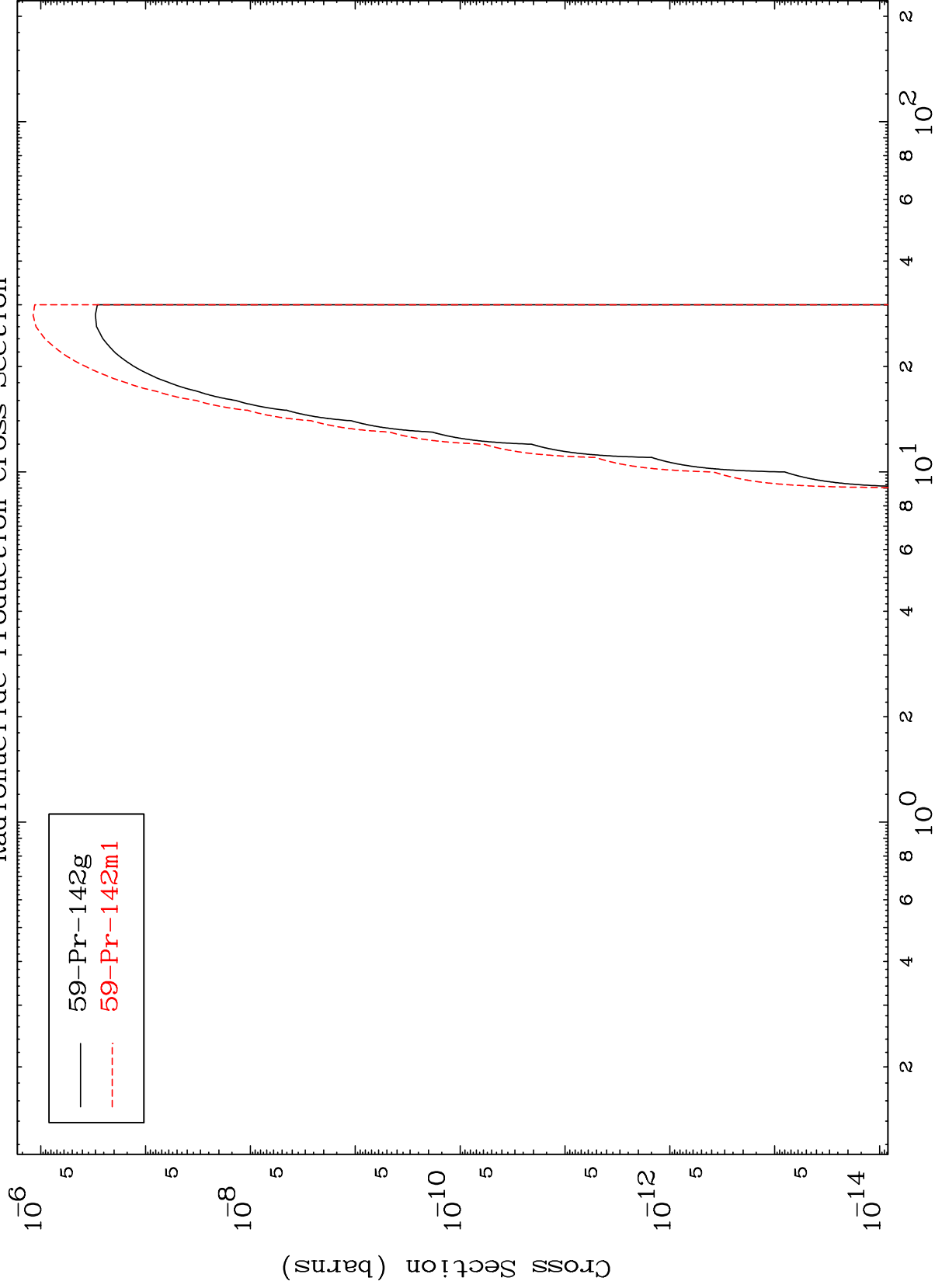
58-Ce-139g
58-Ce-139m2

MAT 6031

(n,p) α

60-Nd-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-144