

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

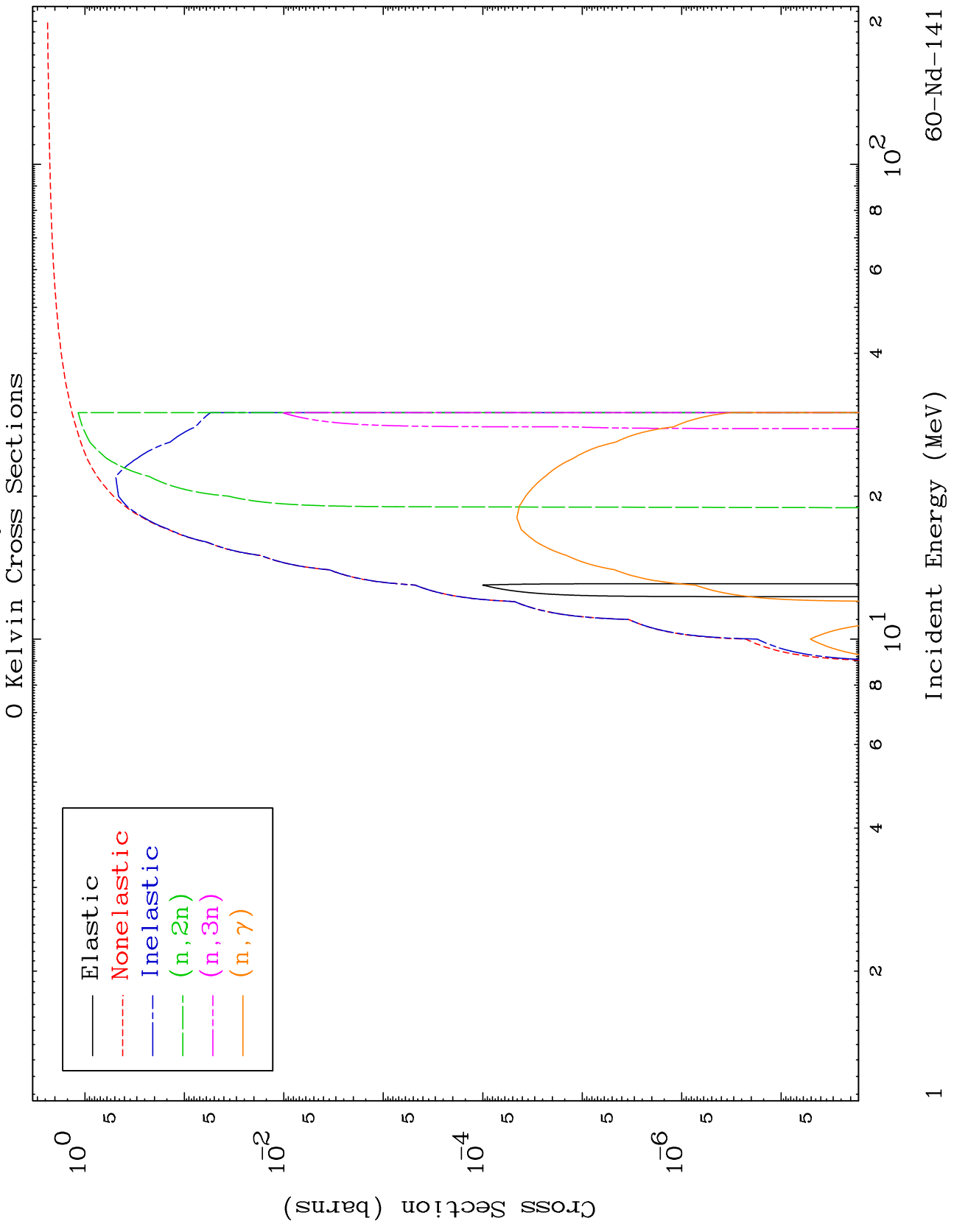
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Web:redcullen1.net/HOMEPAGE.NEW

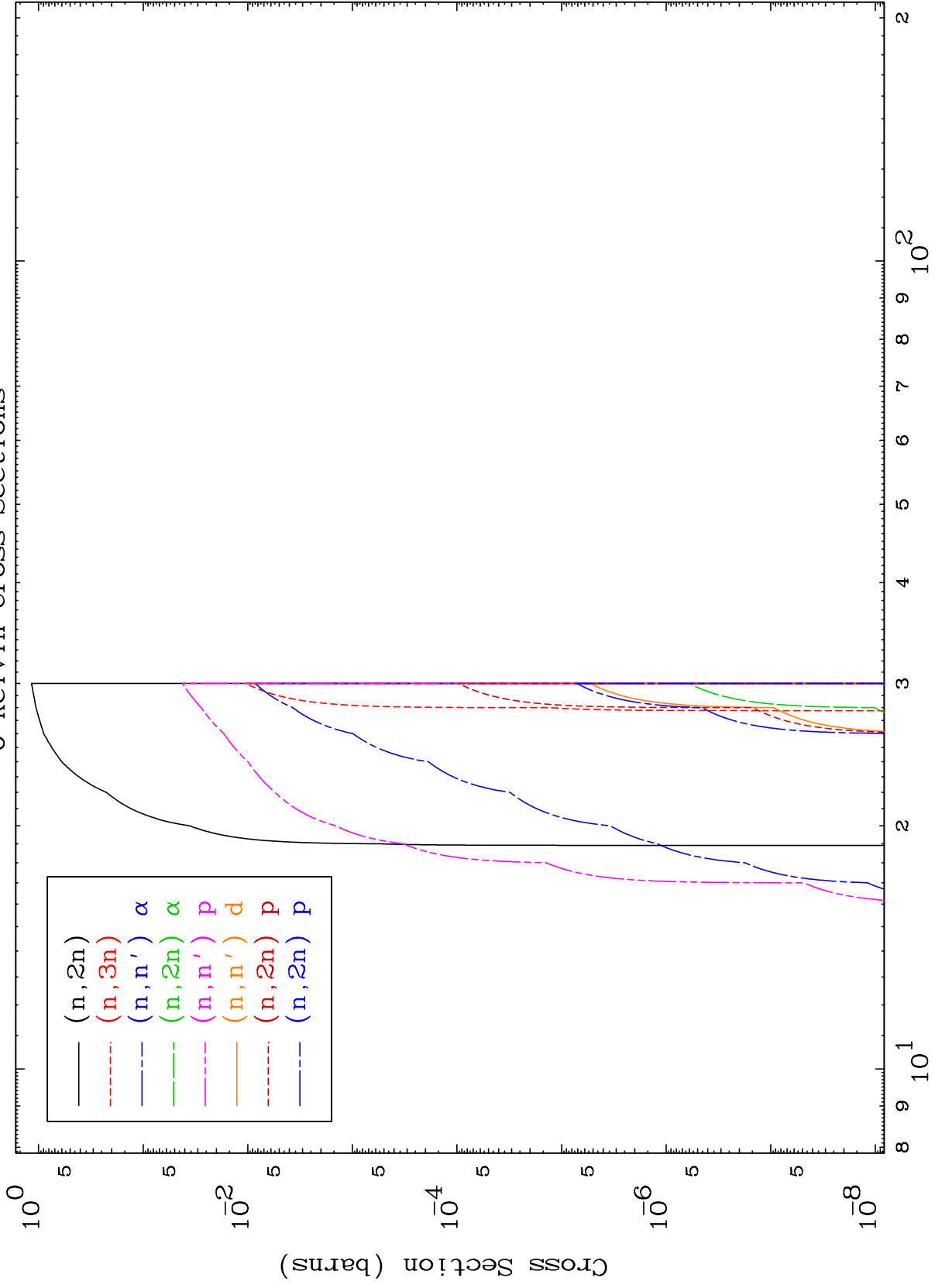
Press Mouse Button to Start



MAT 6022

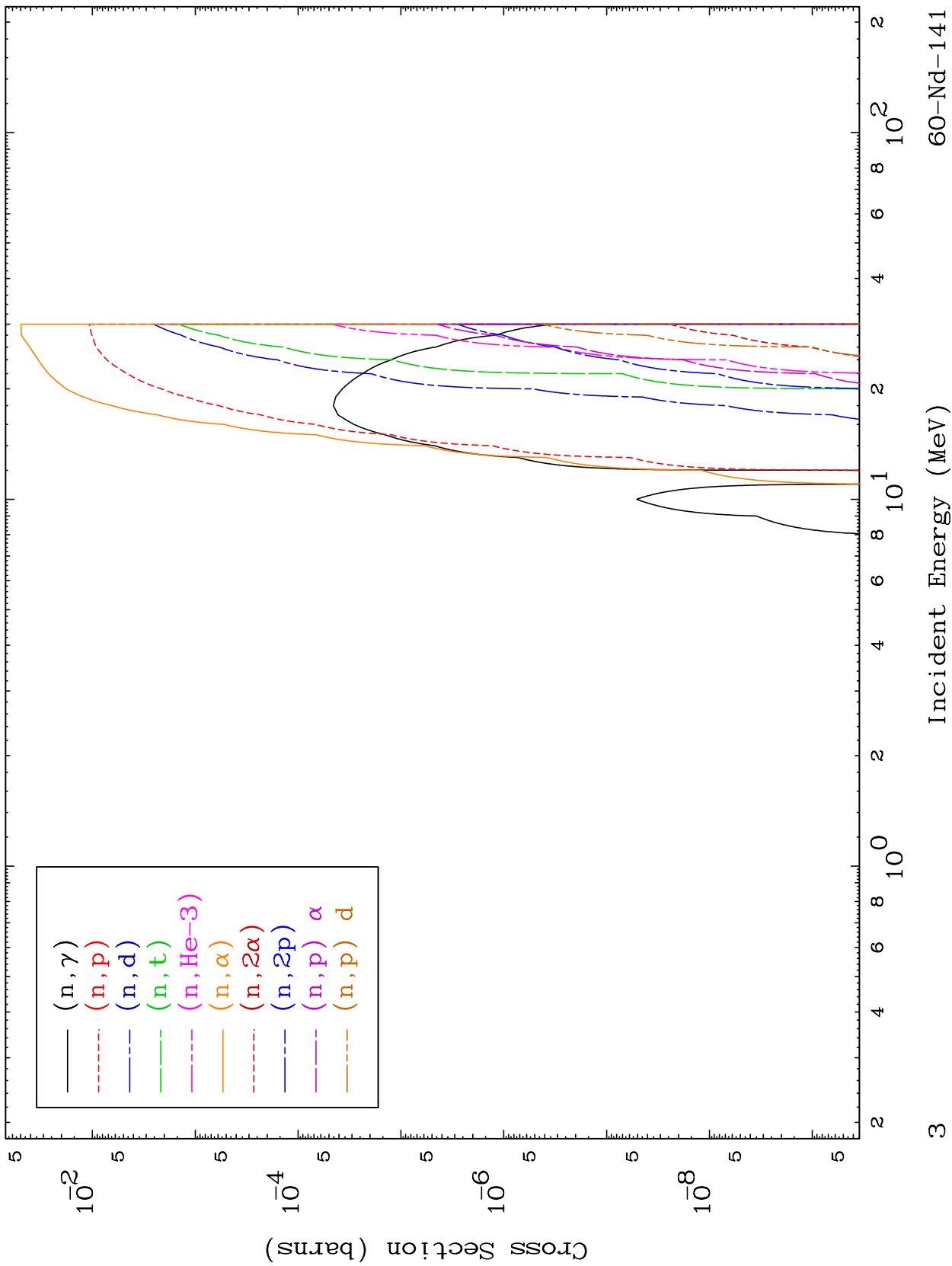
α Neutron Absorption
0 Kelvin Cross Sections

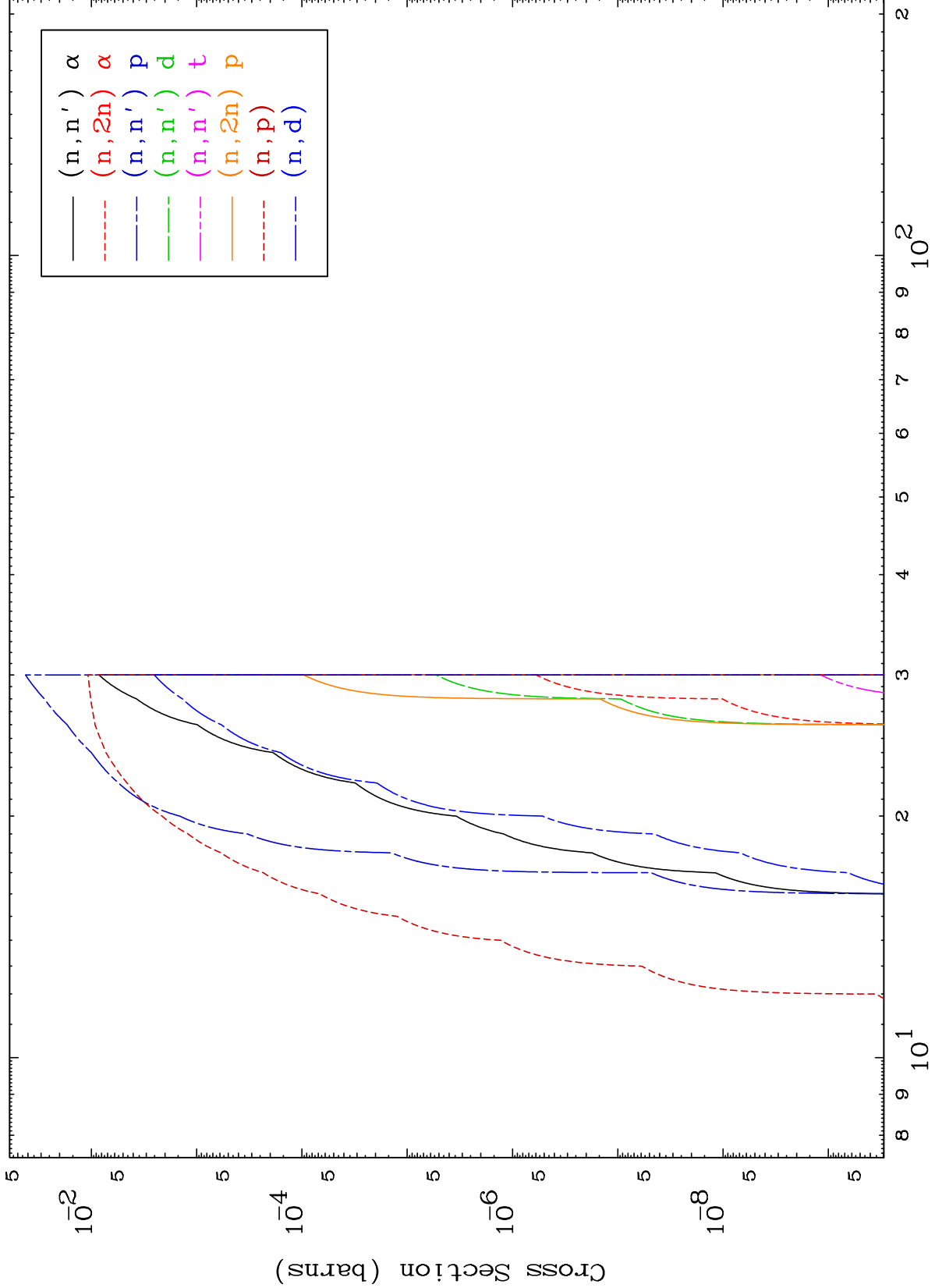
60-Nd-141



Incident Energy (MeV)

60-Nd-141

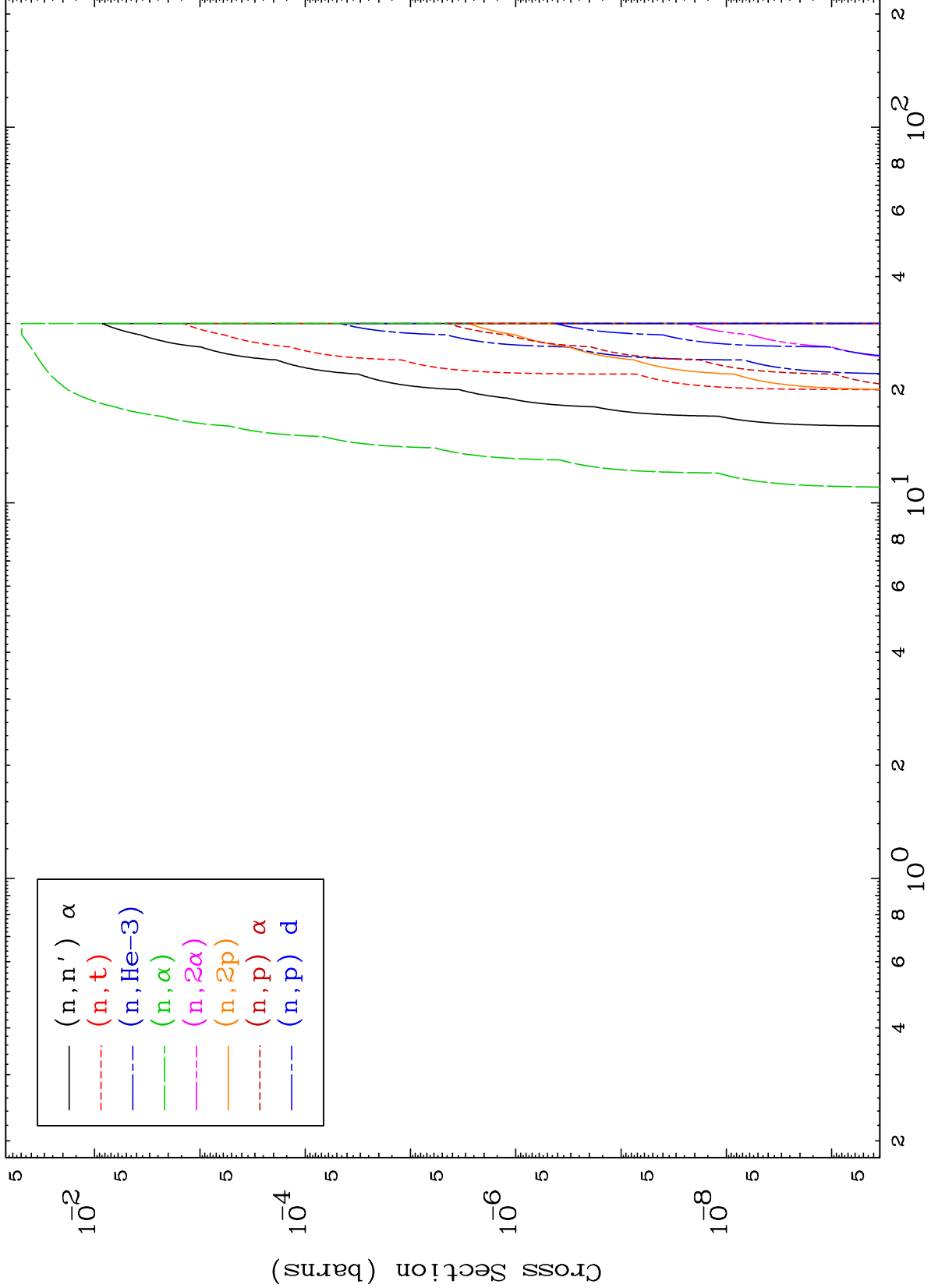




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α Charged Particle
0 Kelvin Cross Sections

60-Nd-141



5

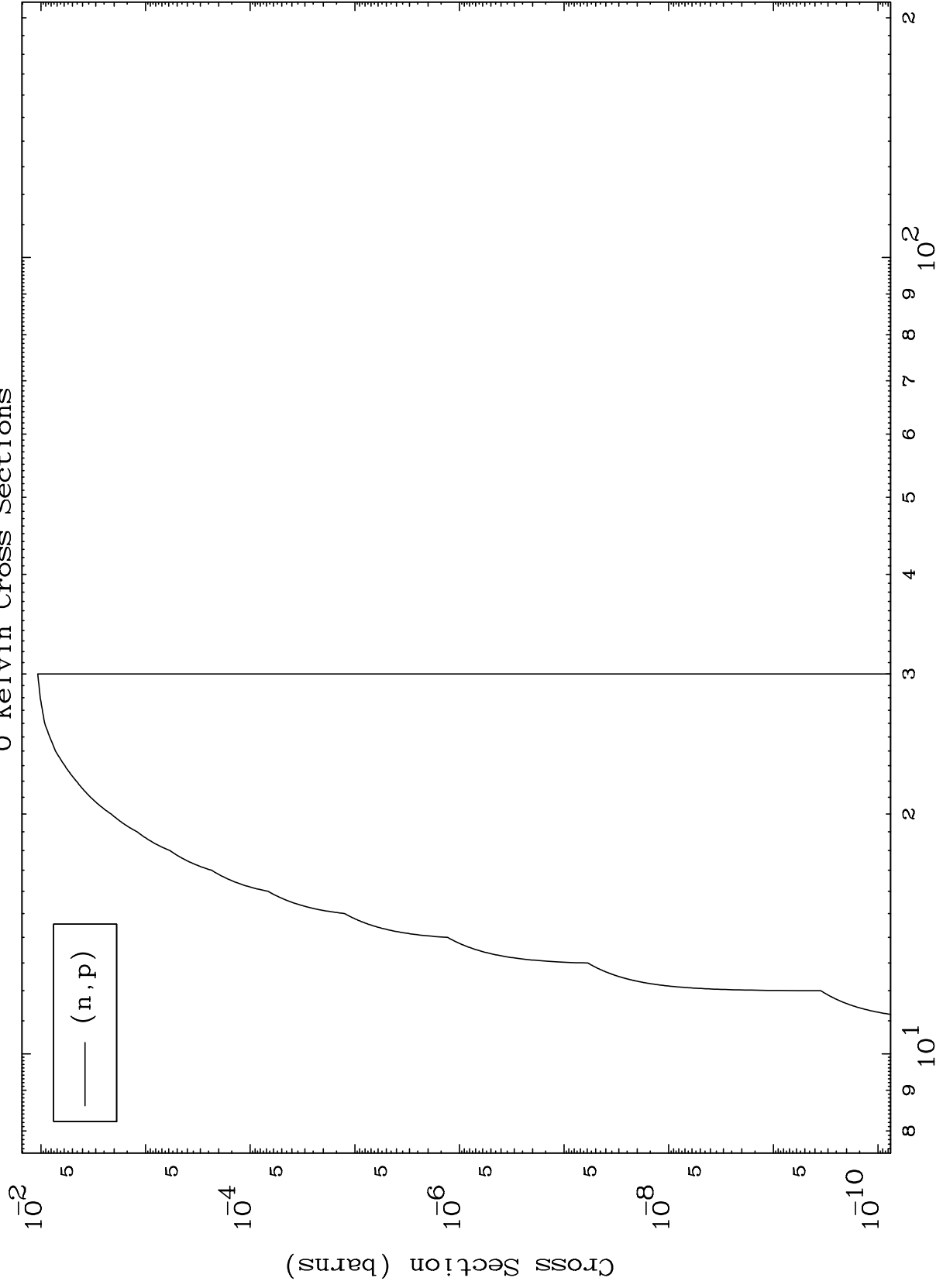
Incident Energy (MeV)

60-Nd-141

MAT 6022

(α, p) Levels
0 Kelvin Cross Sections

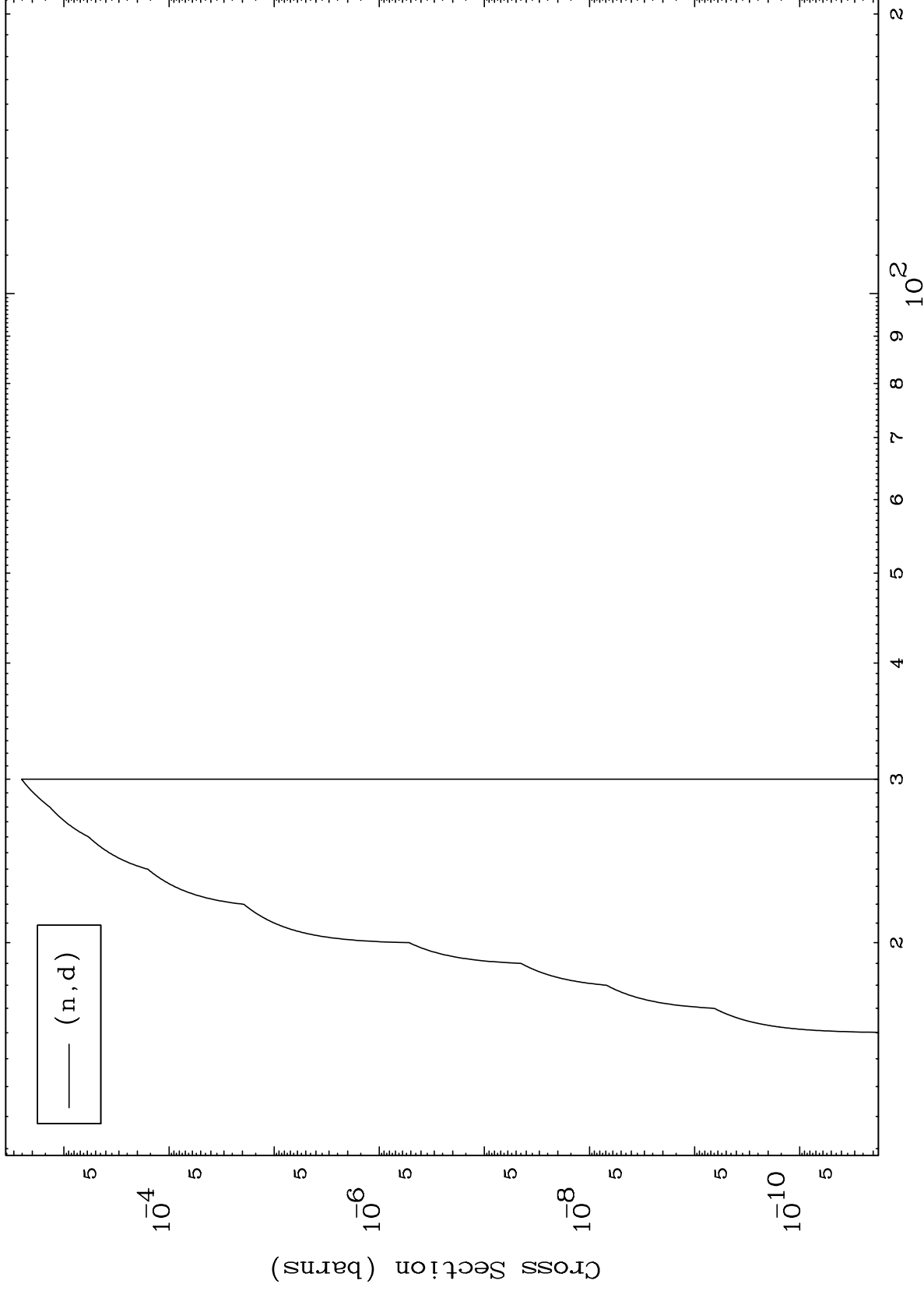
60-Nd-141

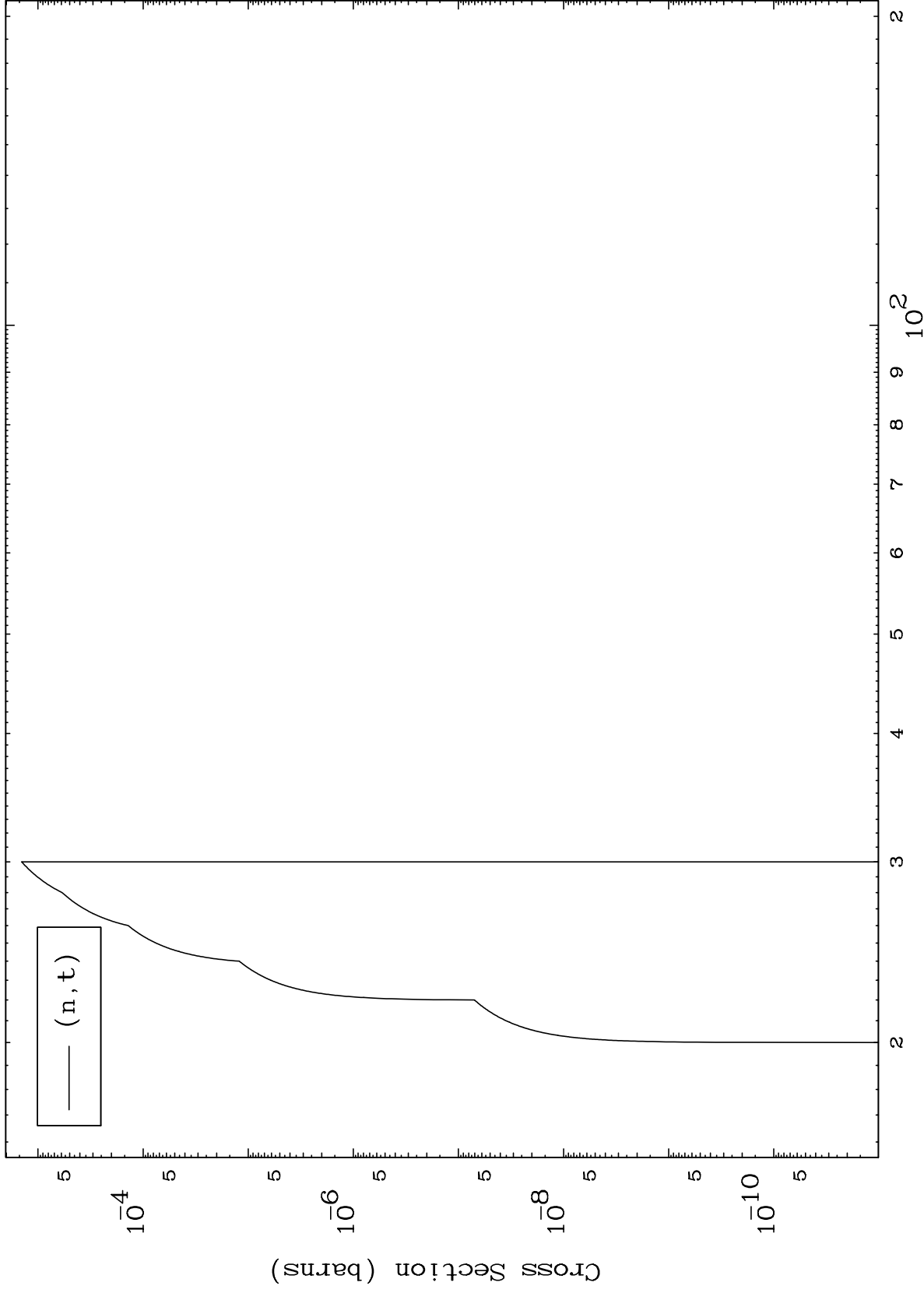


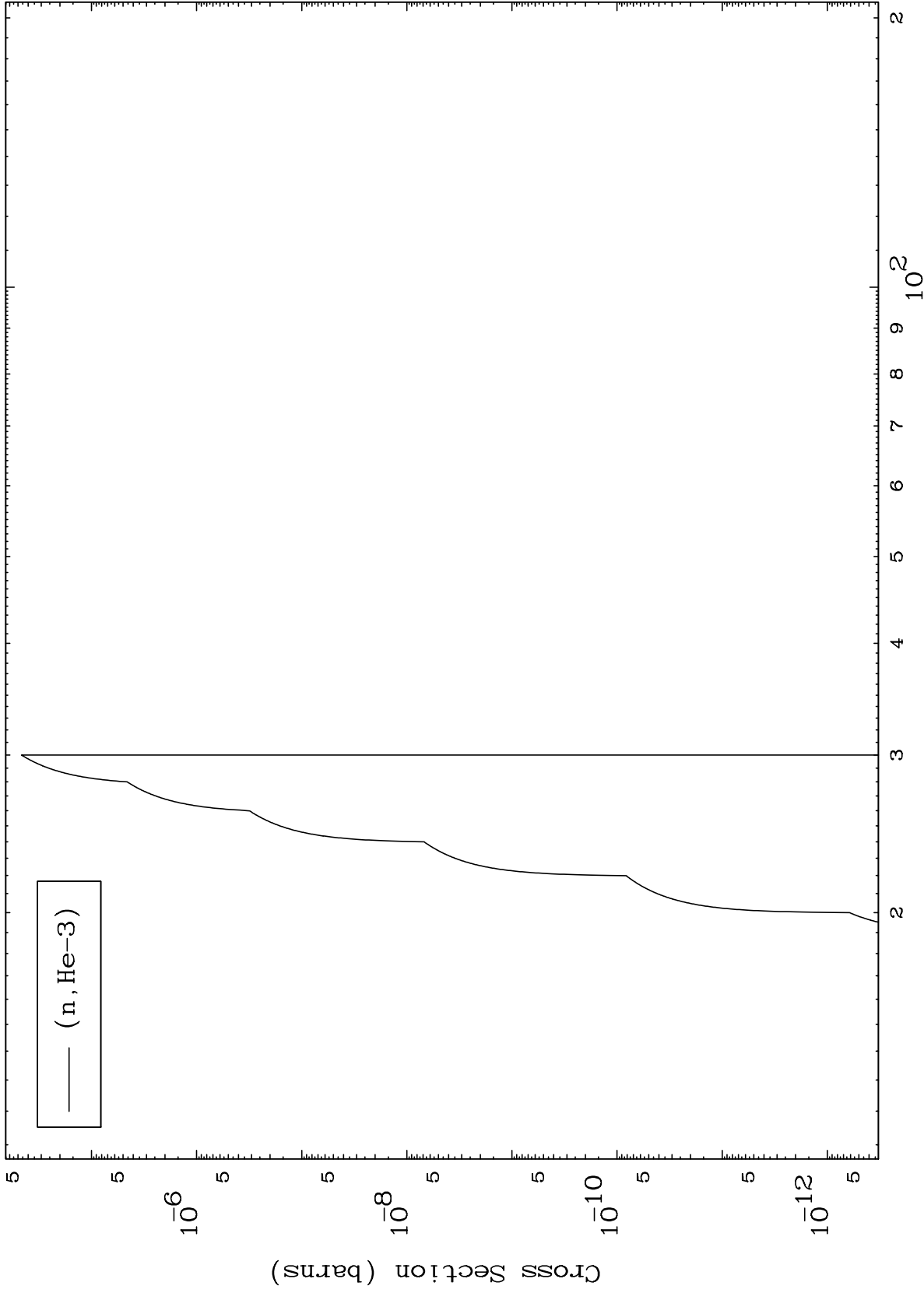
Incident Energy (MeV)

60-Nd-141

6



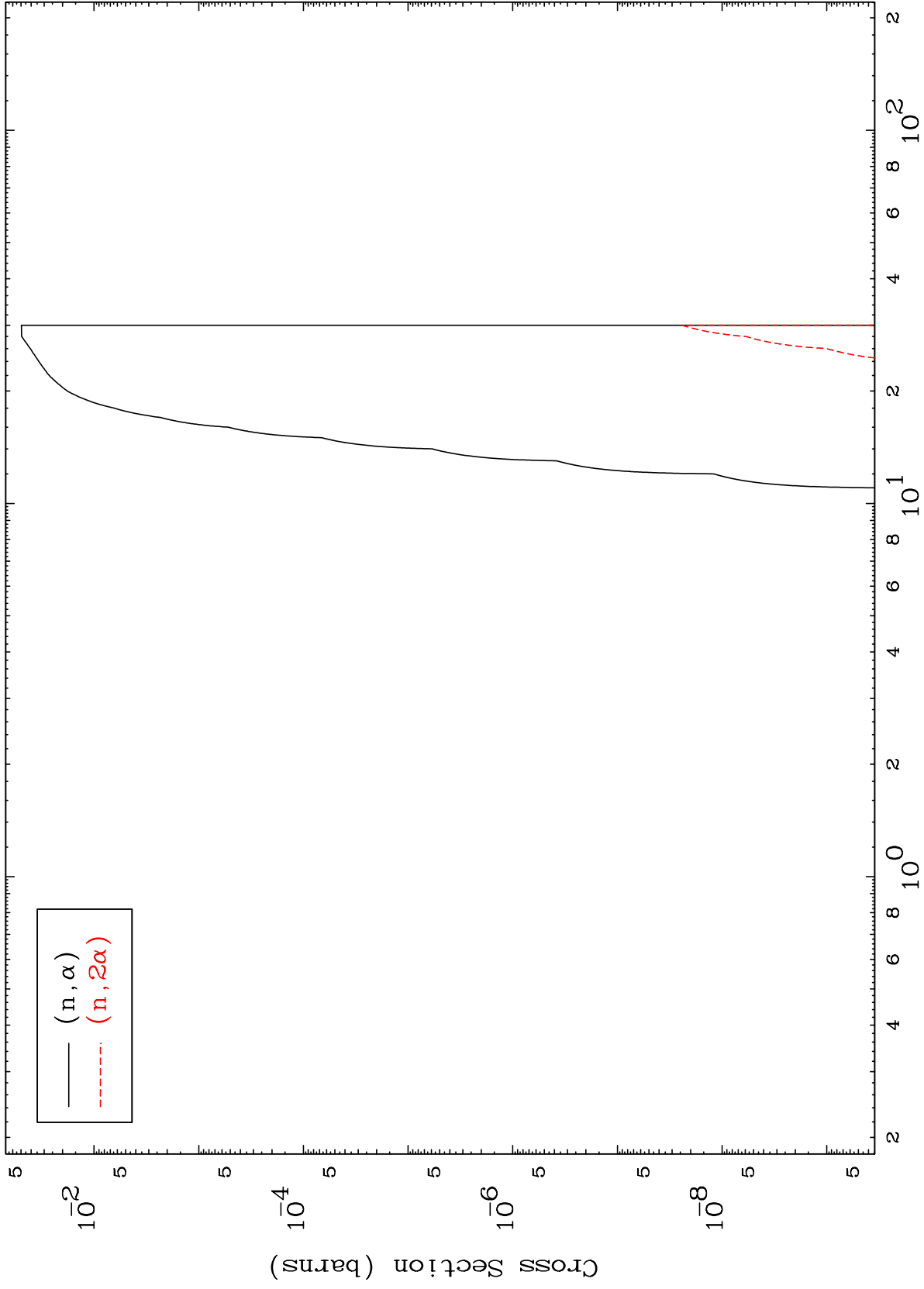




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(α, α) Levels
0 Kelvin Cross Sections

60-Nd-141



10

Incident Energy (MeV)

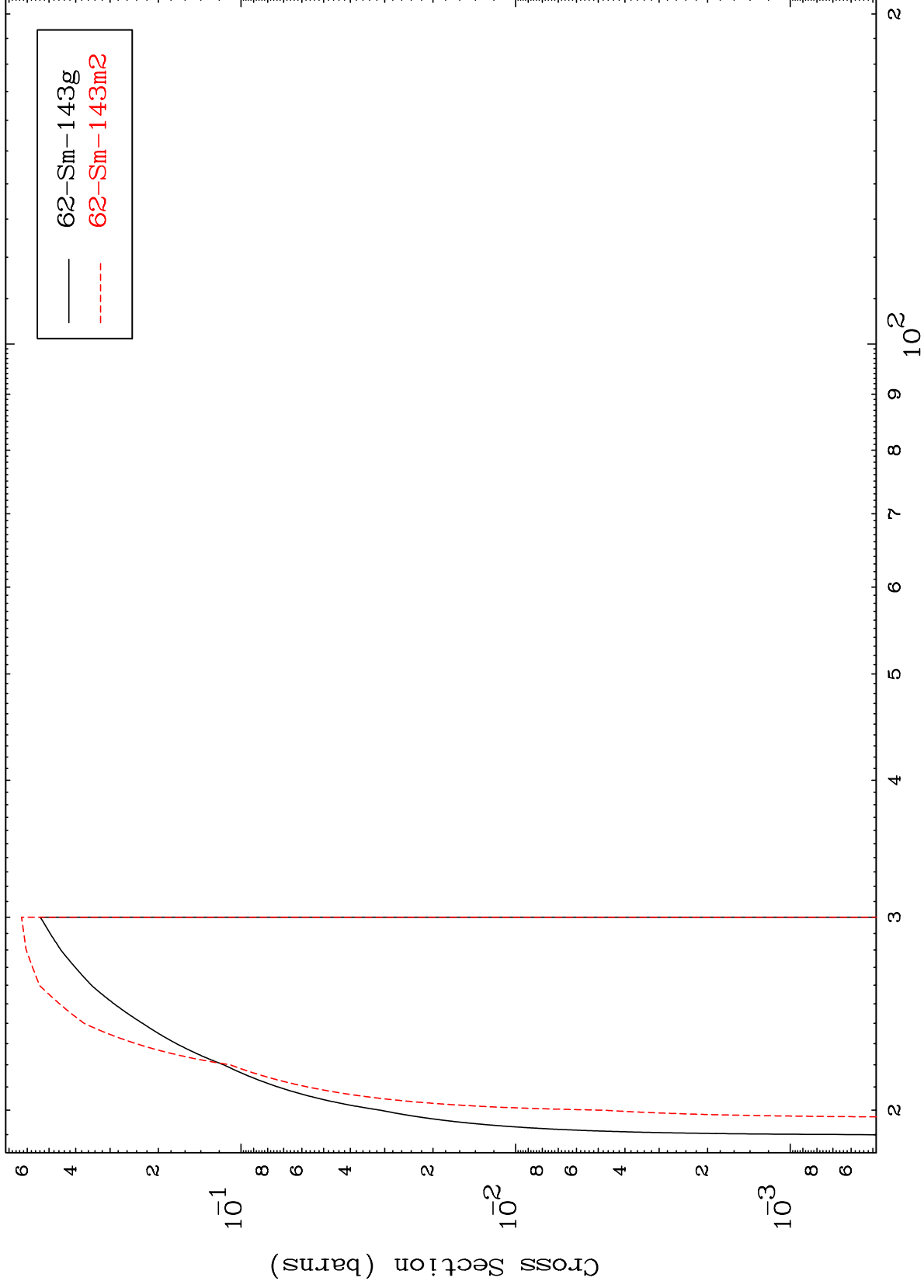
60-Nd-141

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(n,2n)

60-Nd-141

Radionuclide Production Cross Section



11

Incident Energy (MeV)

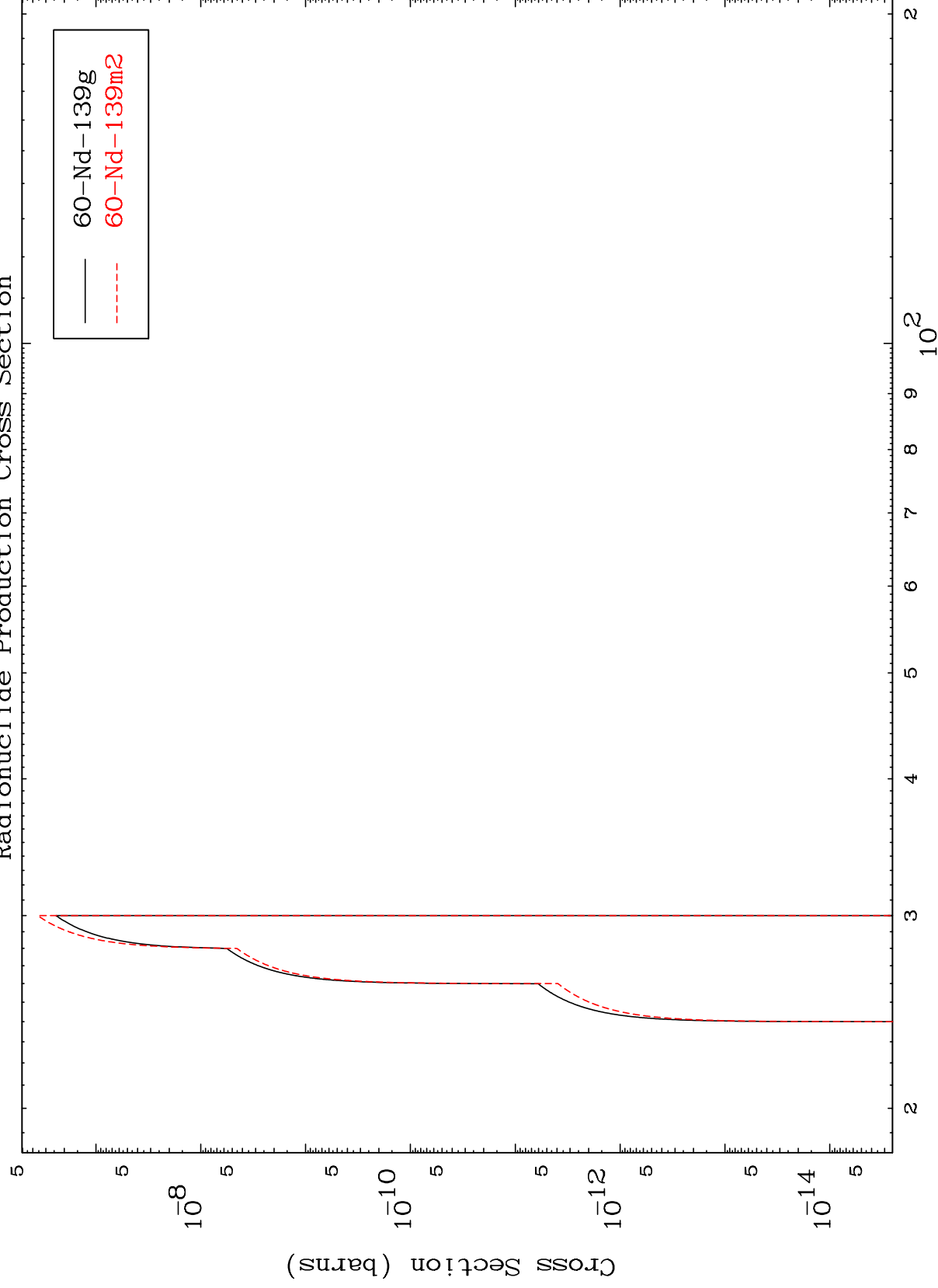
60-Nd-141

MAT 6022

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



12

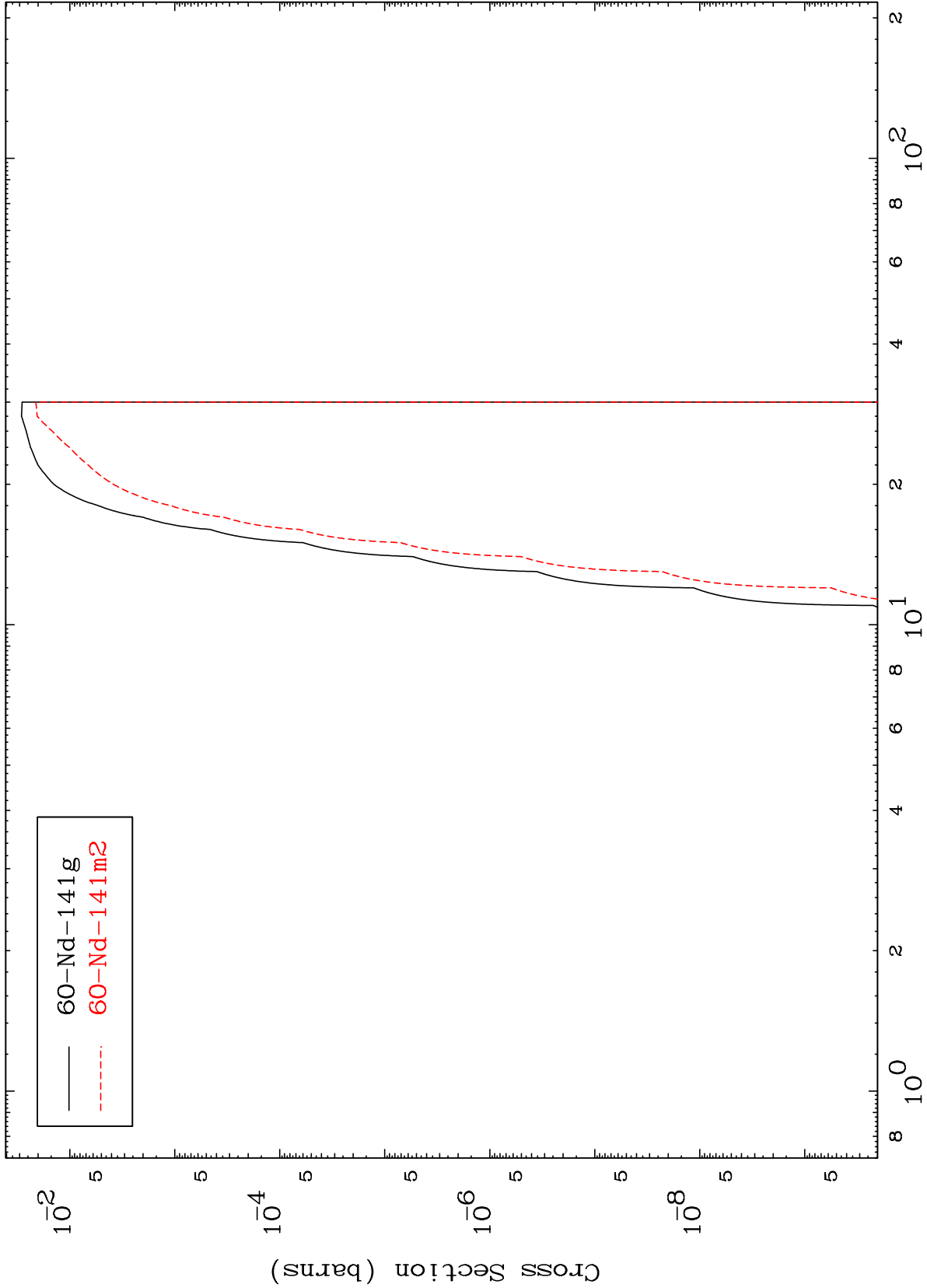
Incident Energy (MeV)

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

MAT 6022

60-Nd-141

(n,α)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

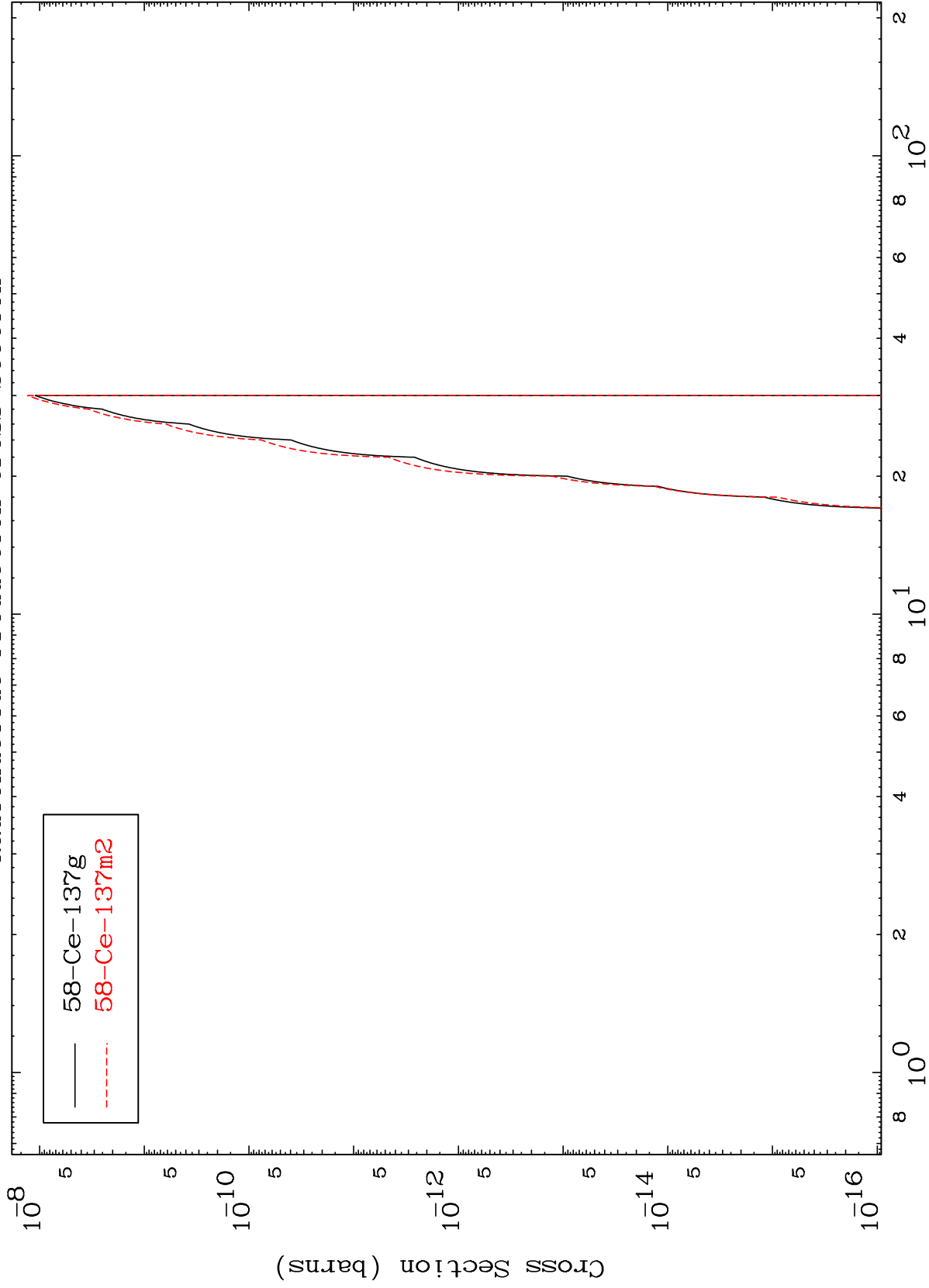
60-Nd-141

MAT 6022

(n,2α)

60-Nd-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

60-Nd-141