

Program EVALPLOT
(Version 2021-1)

by

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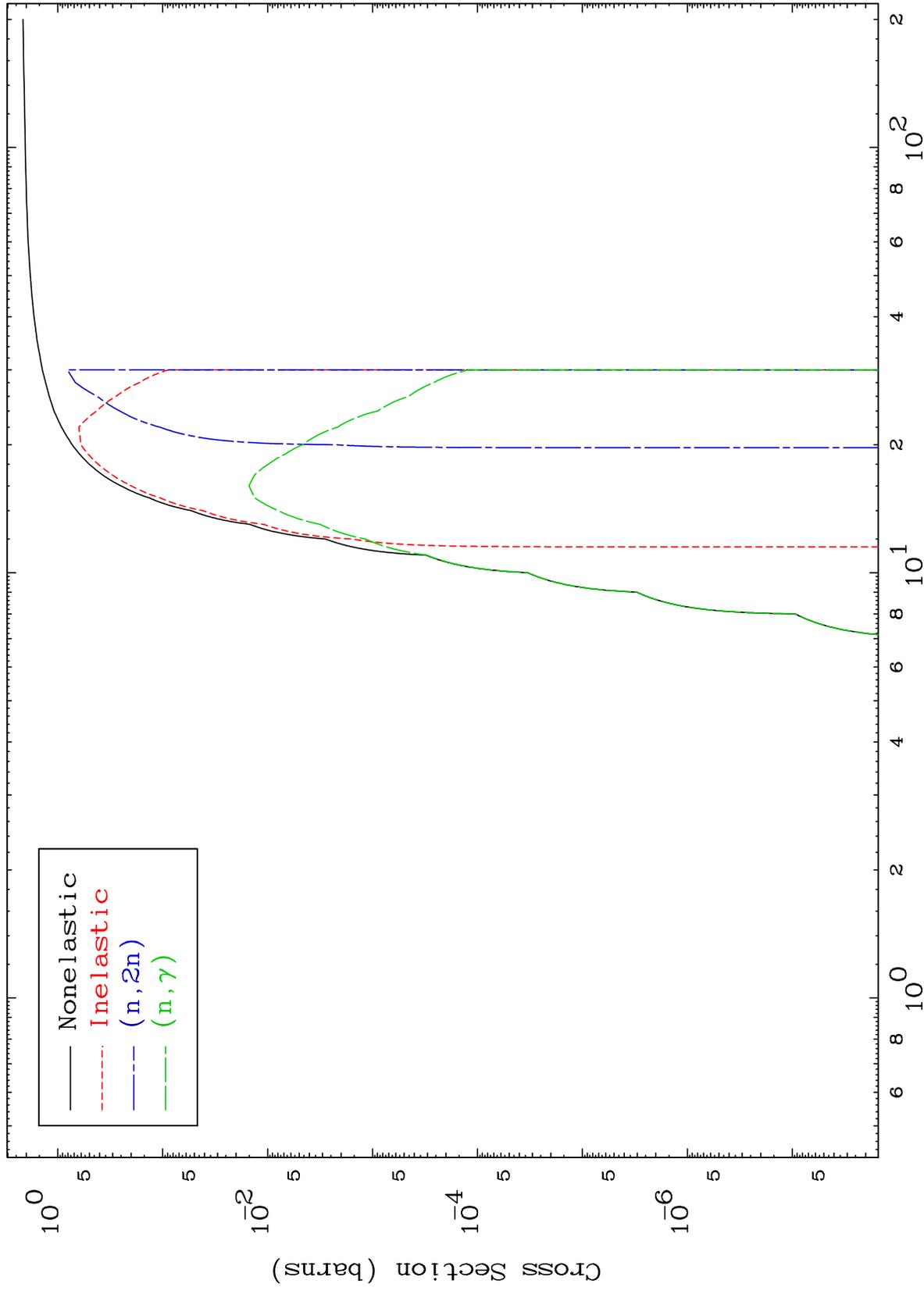
Press Mouse Button to Start

MAT 5031

0 Kelvin

α Major Cross Sections

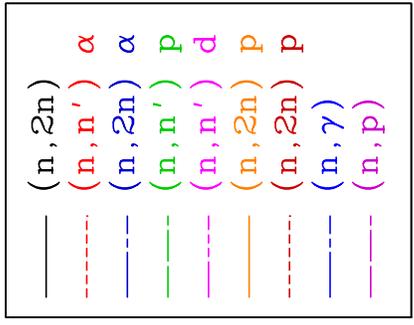
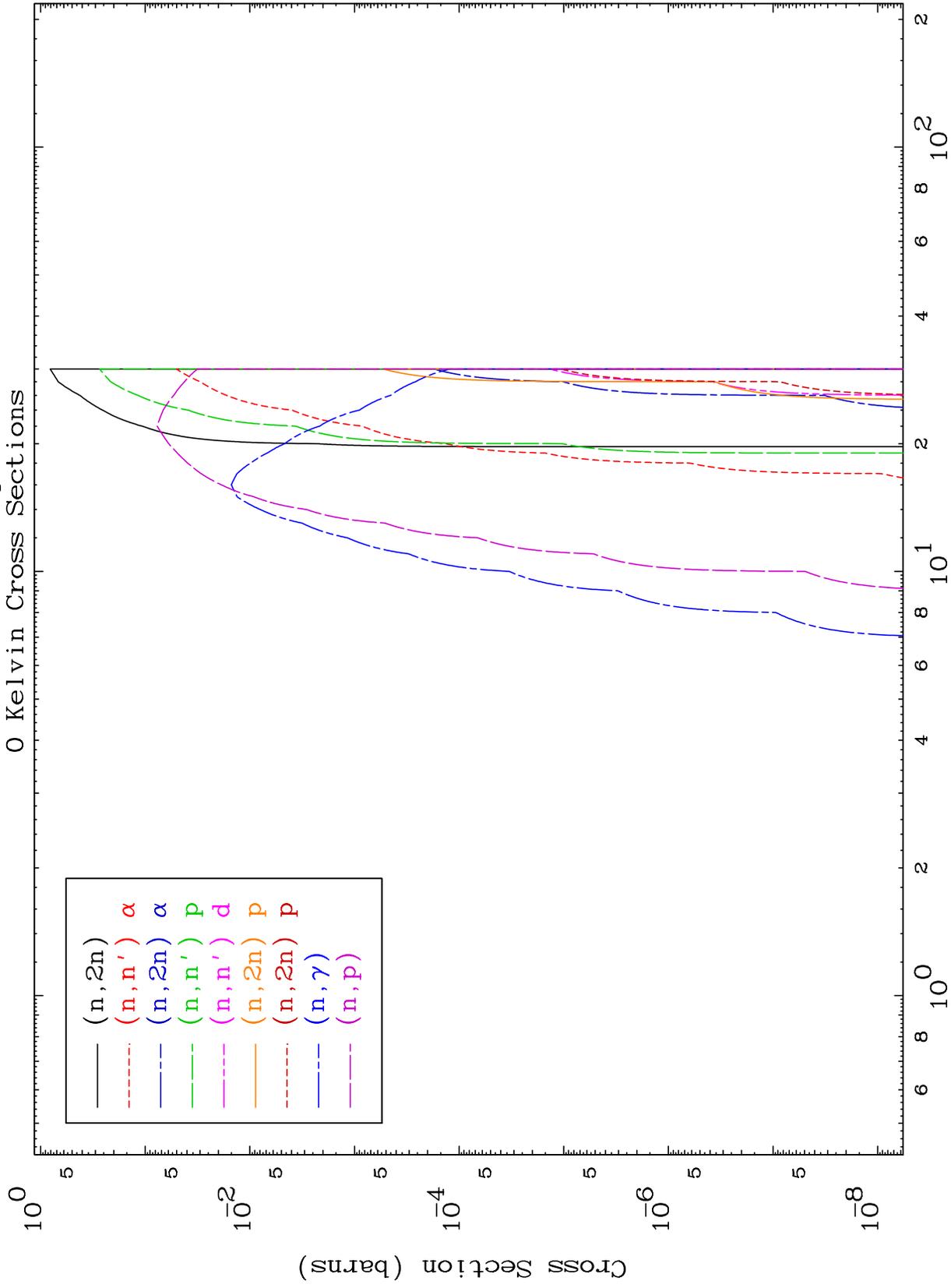
50-Sn-114



MAT 5031

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-114



2

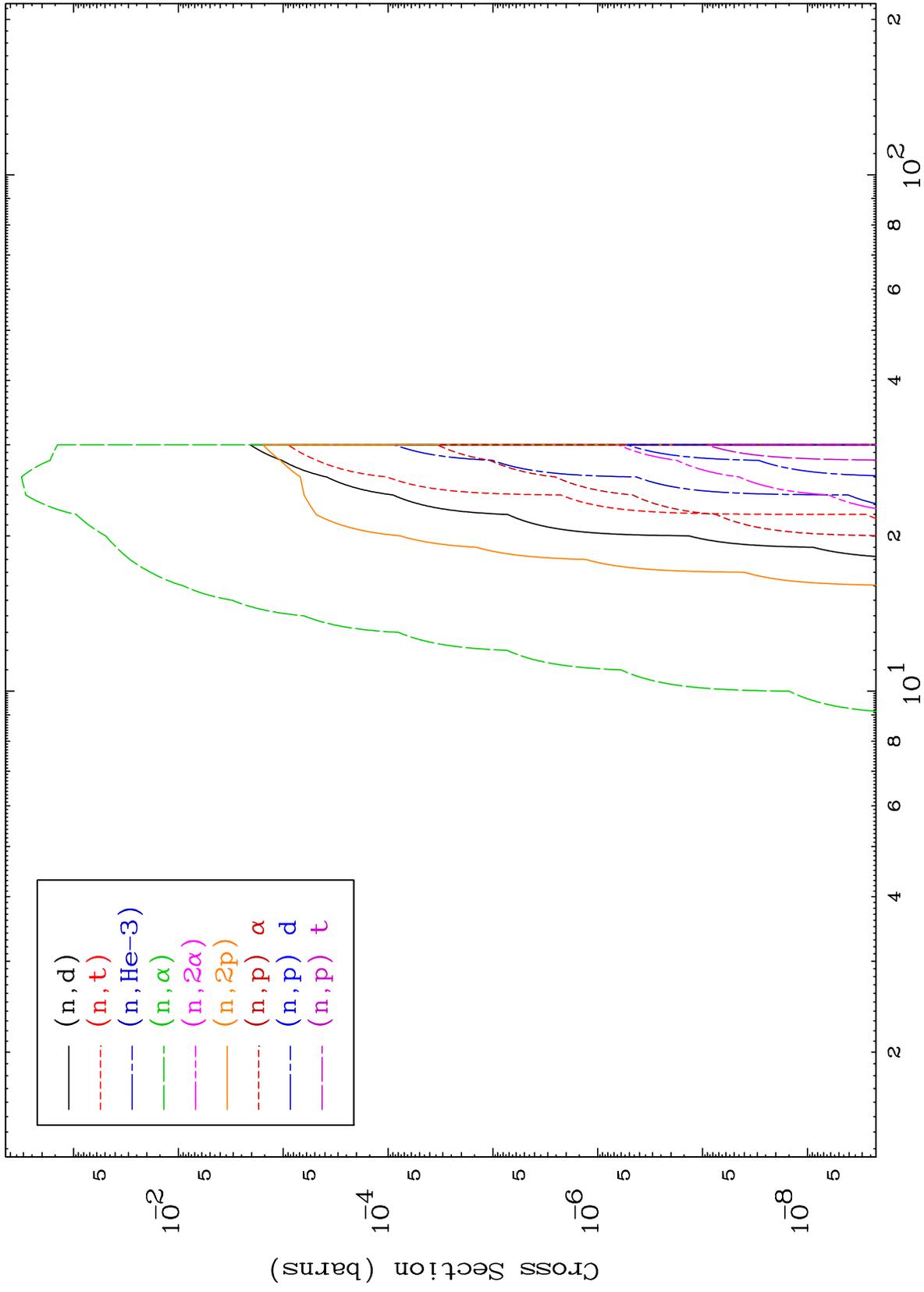
Incident Energy (MeV)

50-Sn-114

MAT 5031

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-114



3

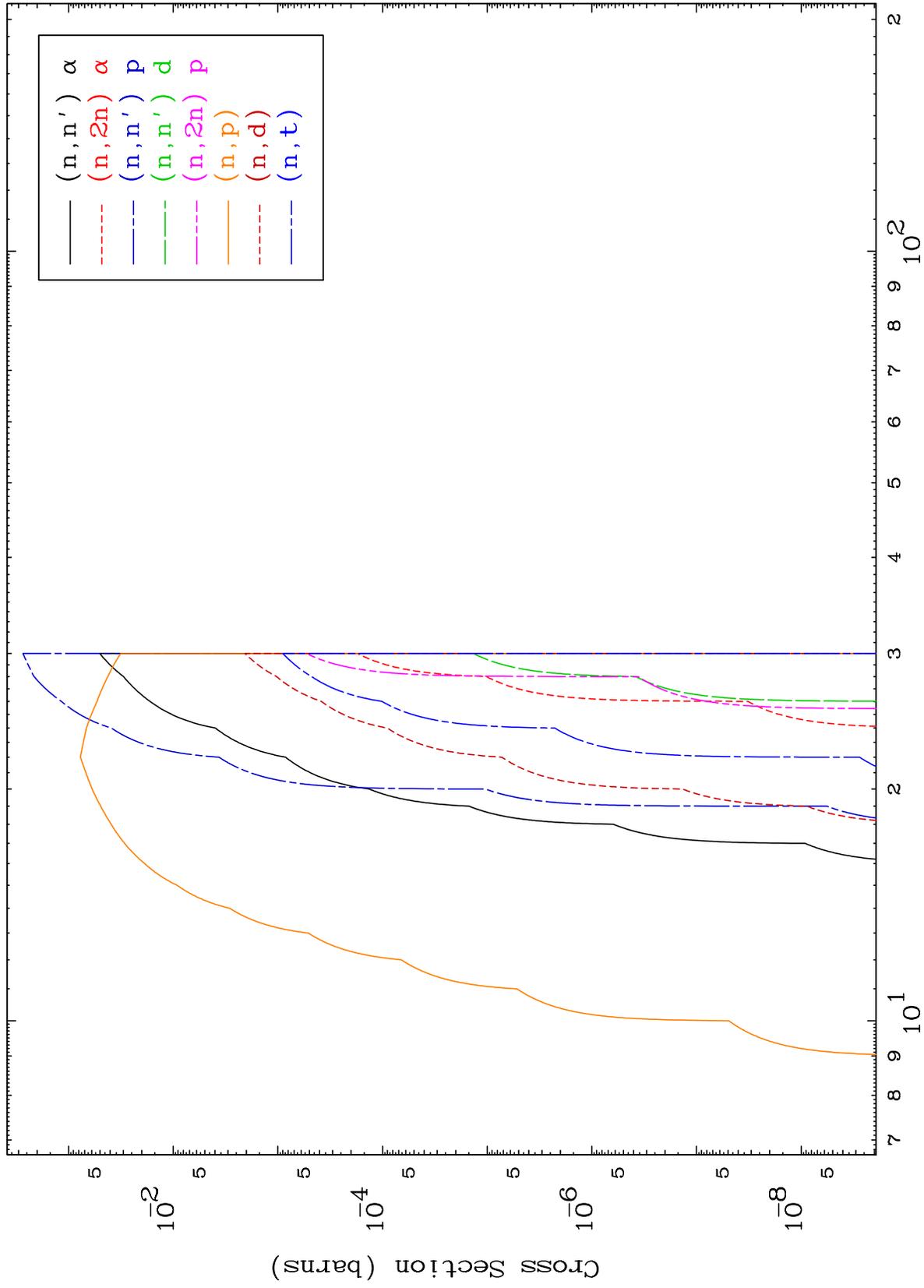
Incident Energy (MeV)

50-Sn-114

MAT 5031

α Charged Particle
0 Kelvin Cross Sections

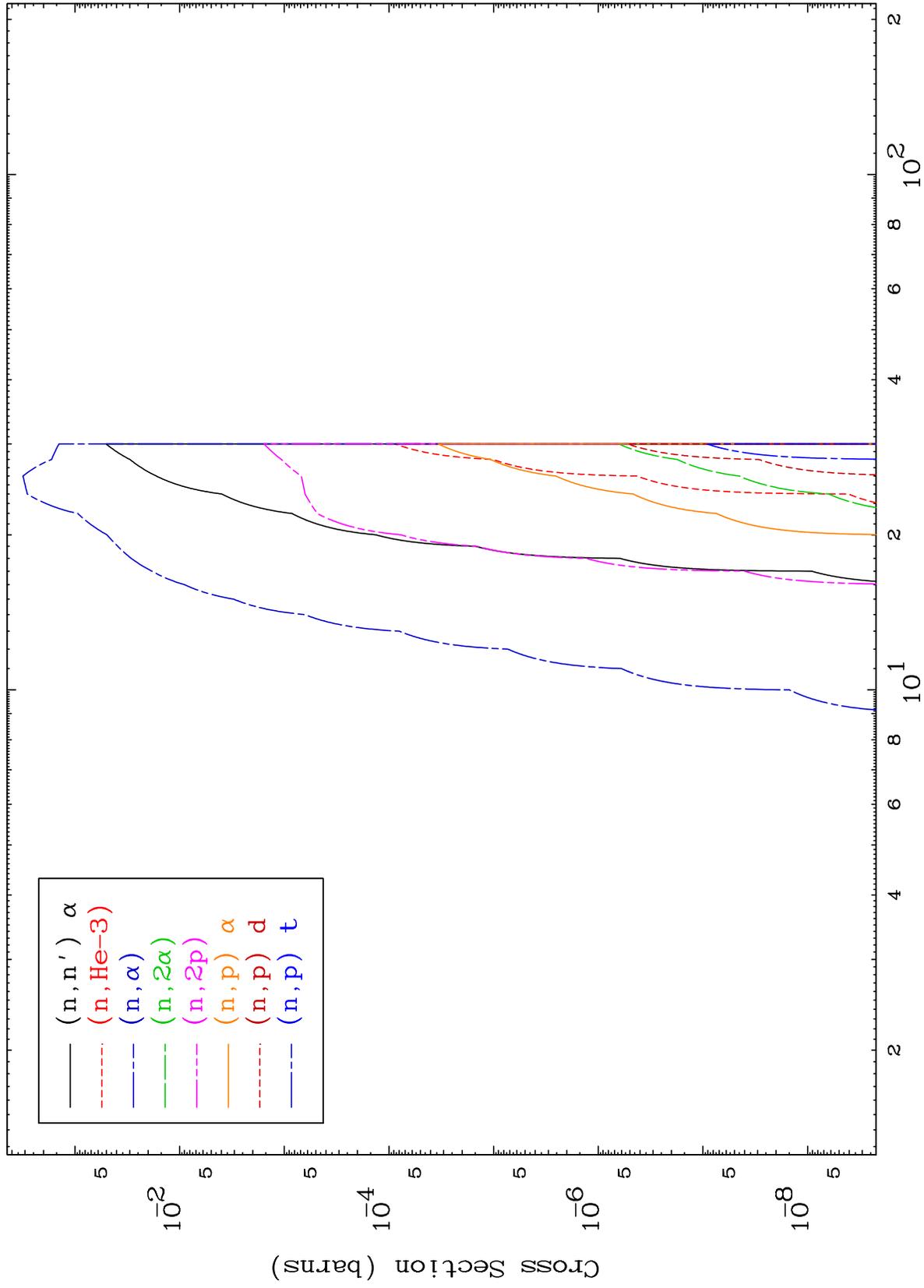
50-Sn-114



4

Incident Energy (MeV)

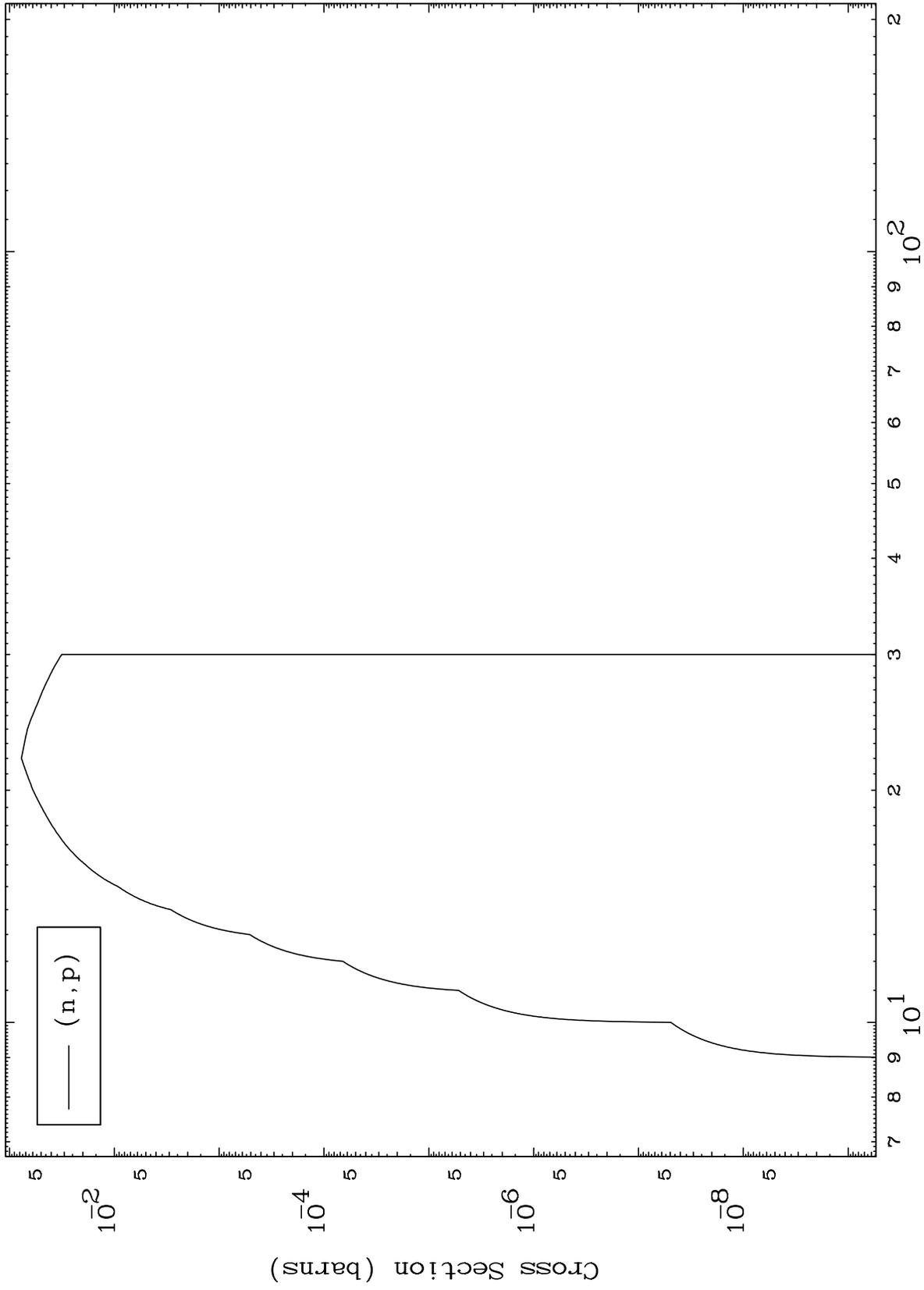
50-Sn-114



MAT 5031

(α, p) Levels
0 Kelvin Cross Sections

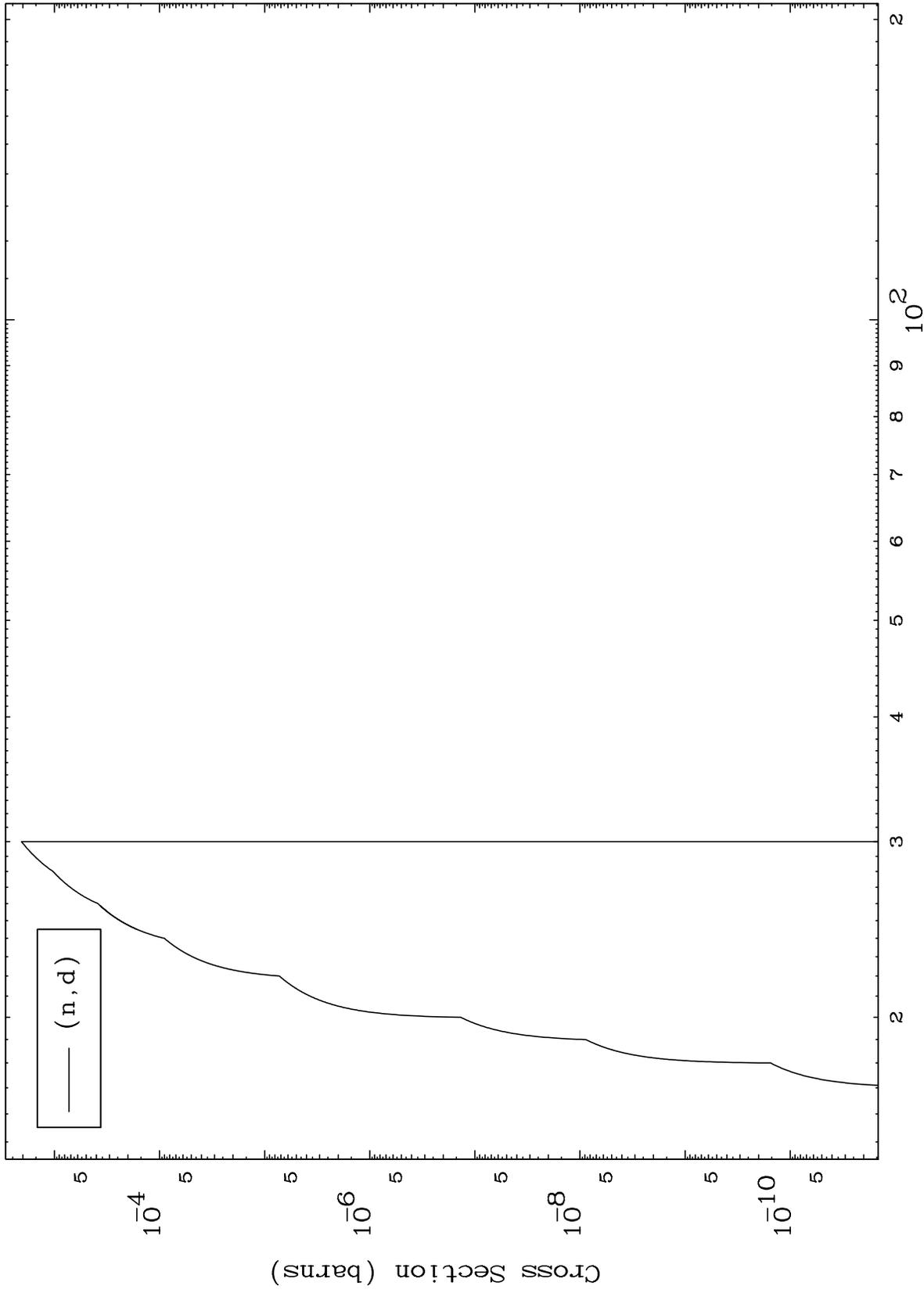
50-Sn-114



MAT 5031

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-114



7

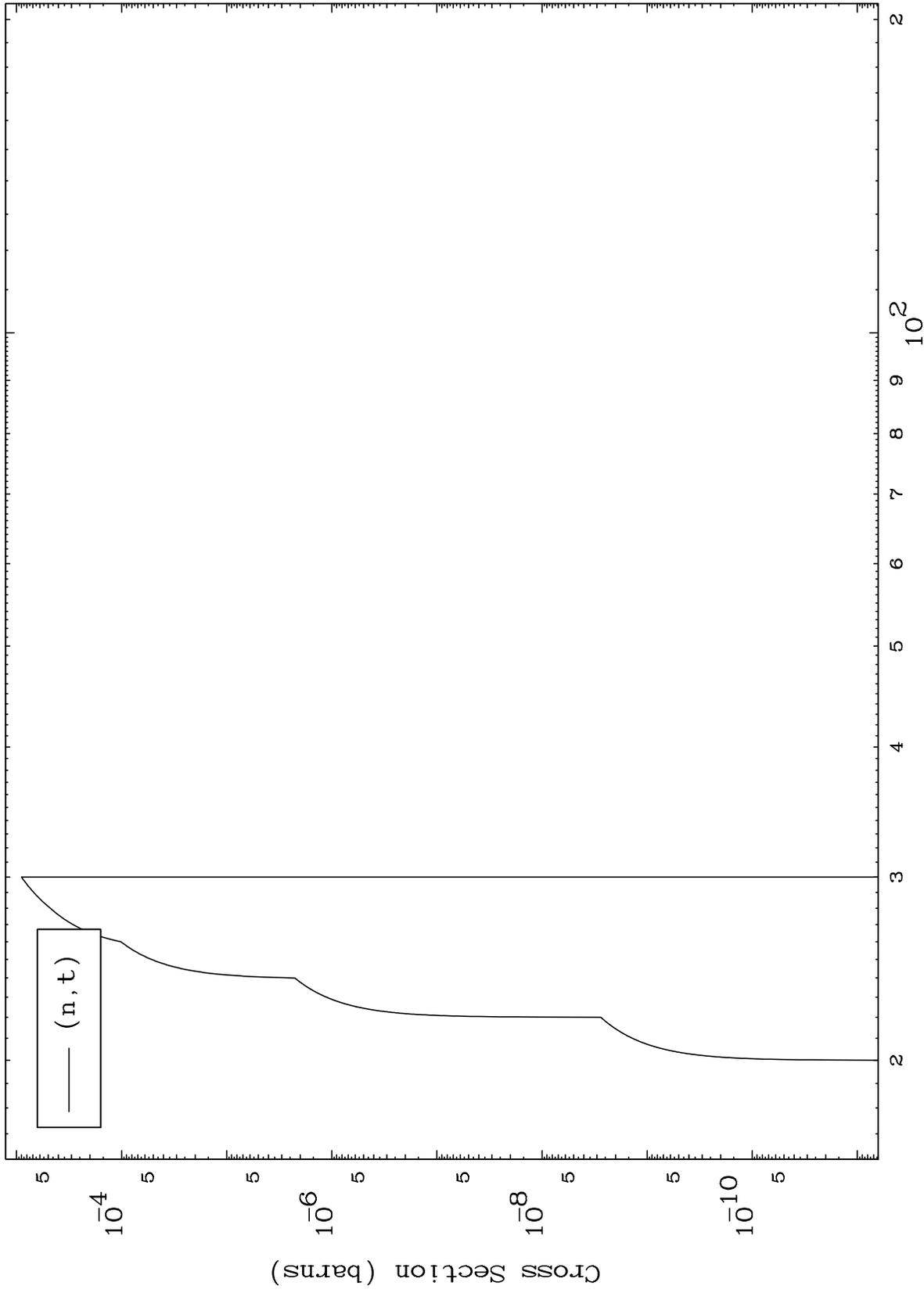
Incident Energy (MeV)

50-Sn-114

MAT 5031

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-114



8

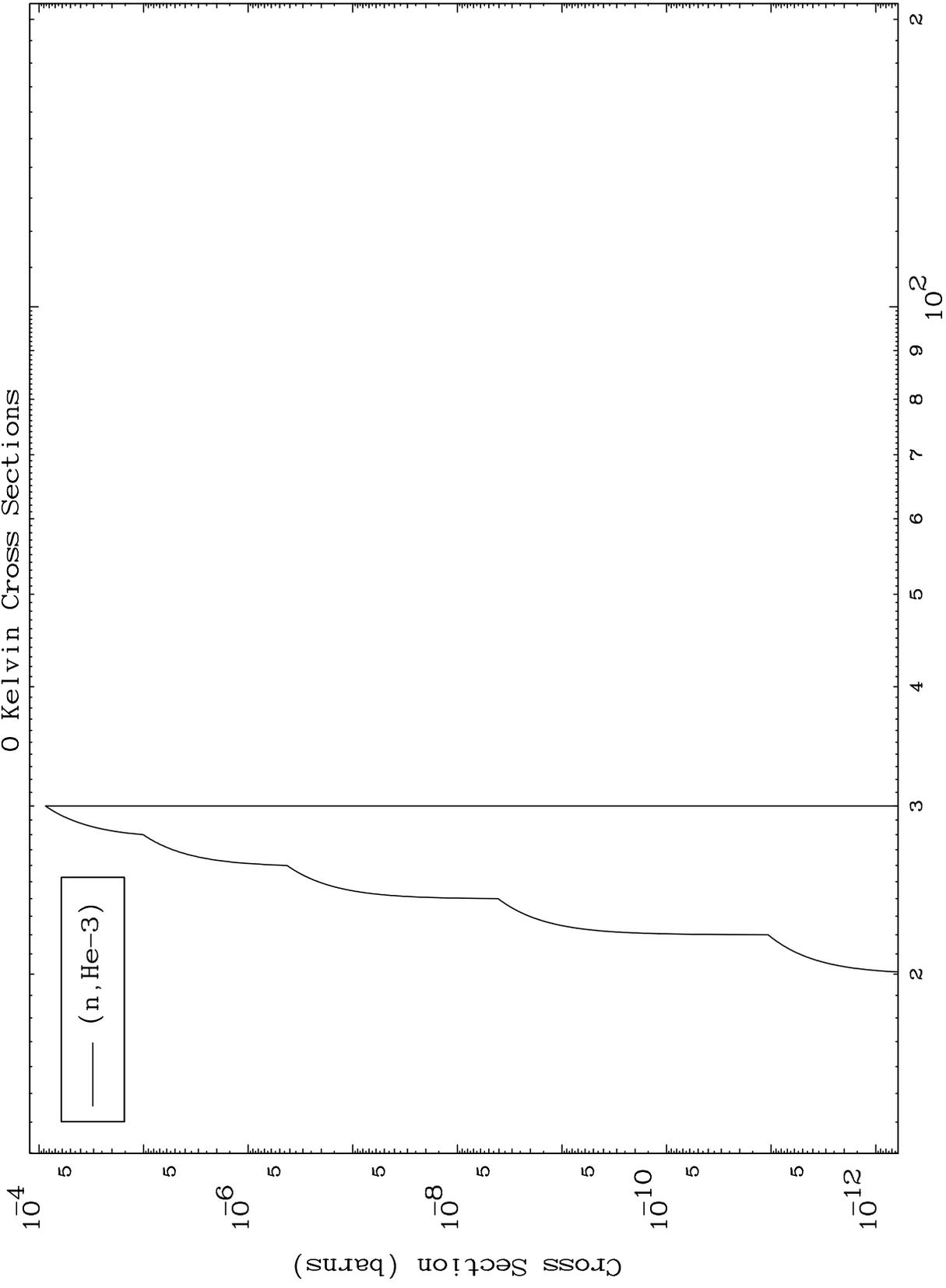
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114



9

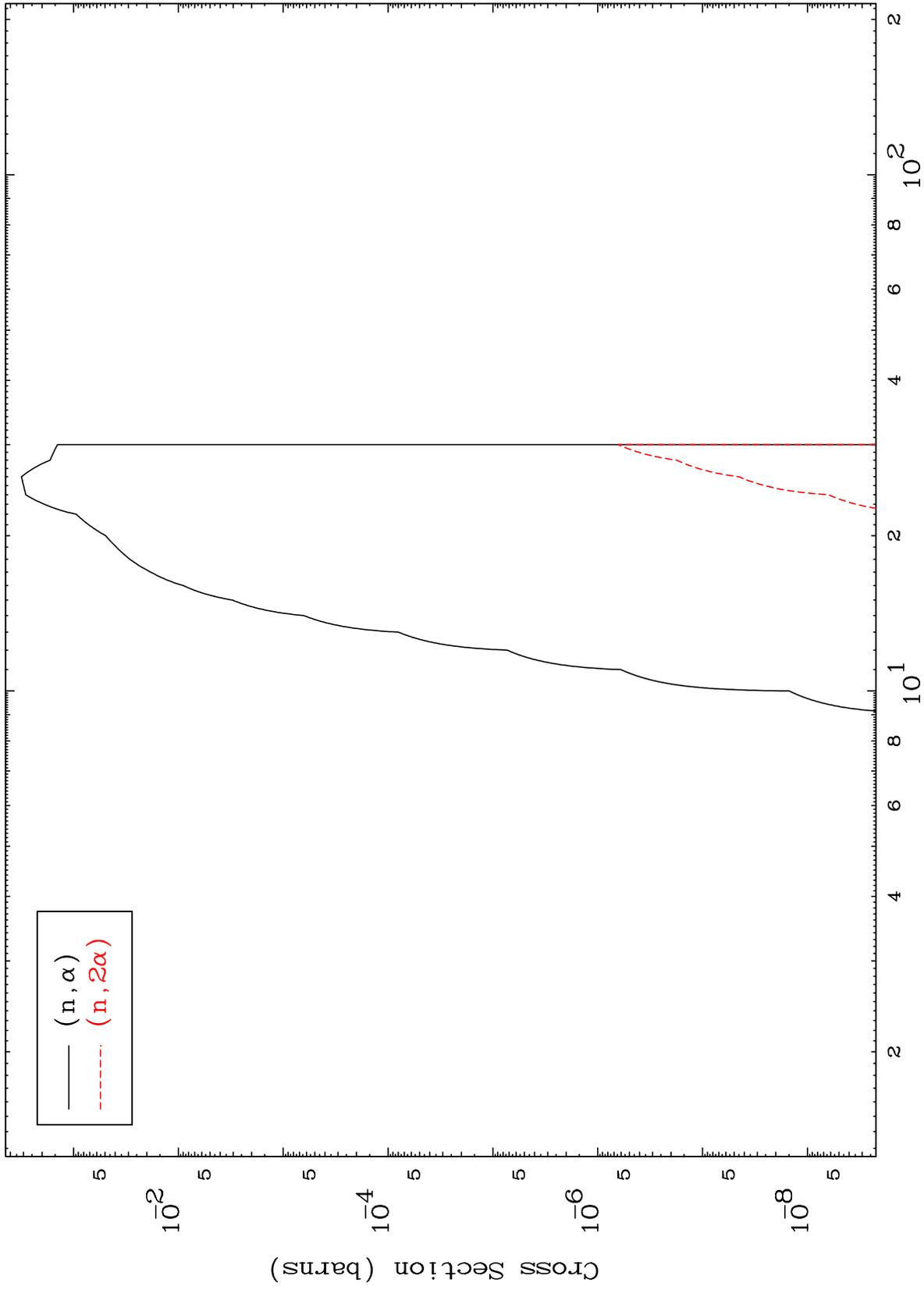
Incident Energy (MeV)

50-Sn-114

MAT 5031

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-114



10

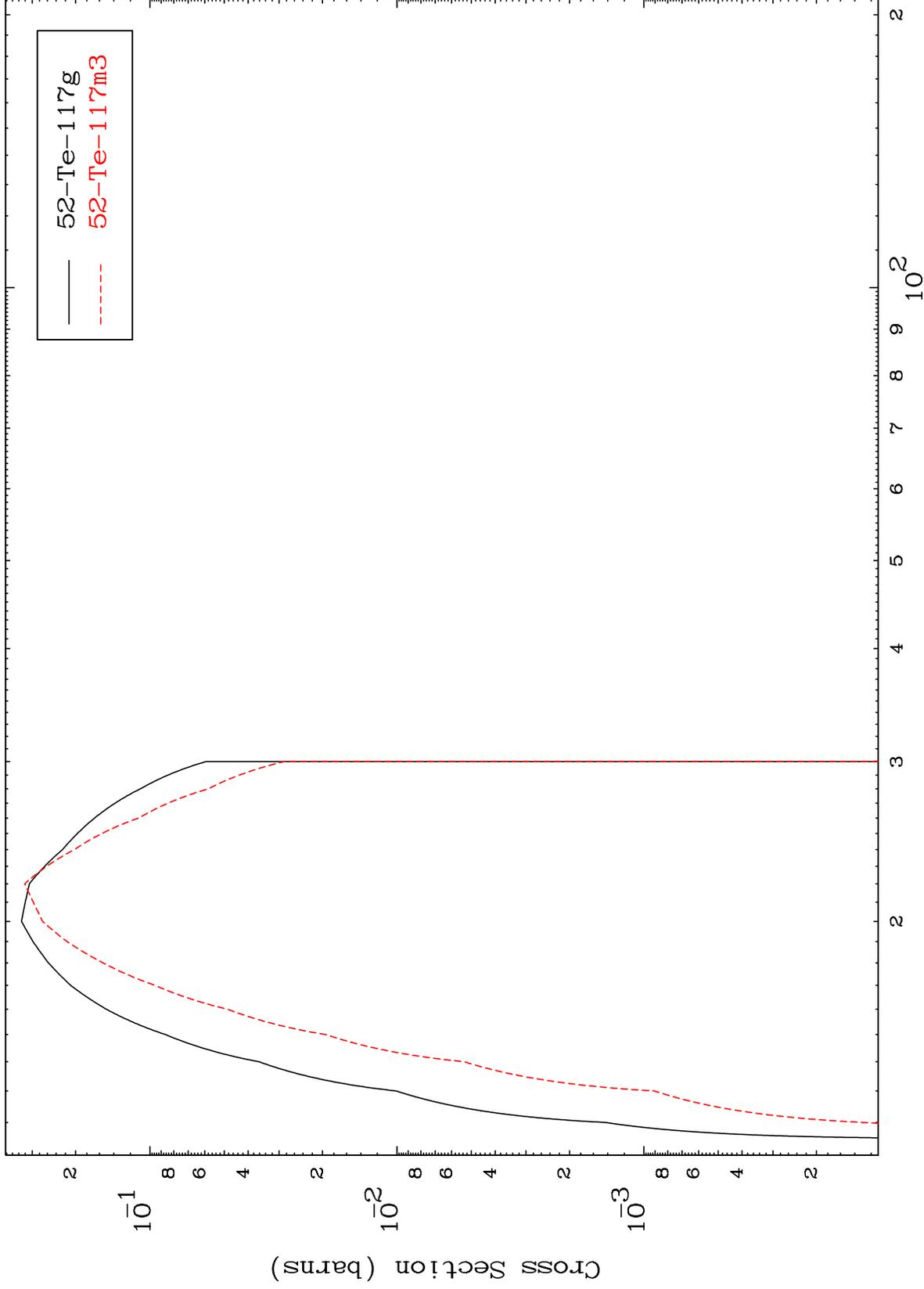
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

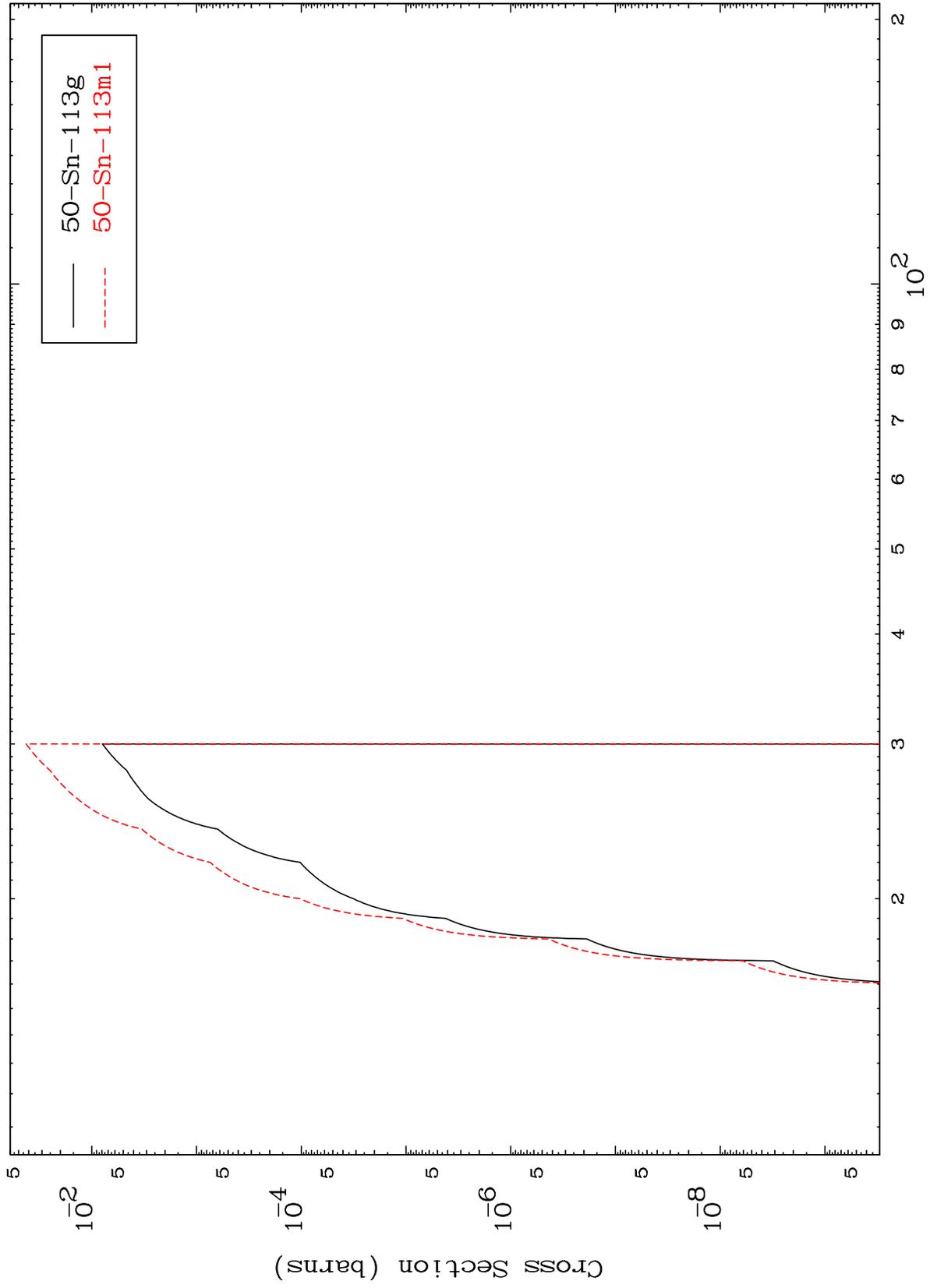
50-Sn-114

MAT 5031

(n,n') α

50-Sn-114

Radionuclide Production Cross Section



12

Incident Energy (MeV)

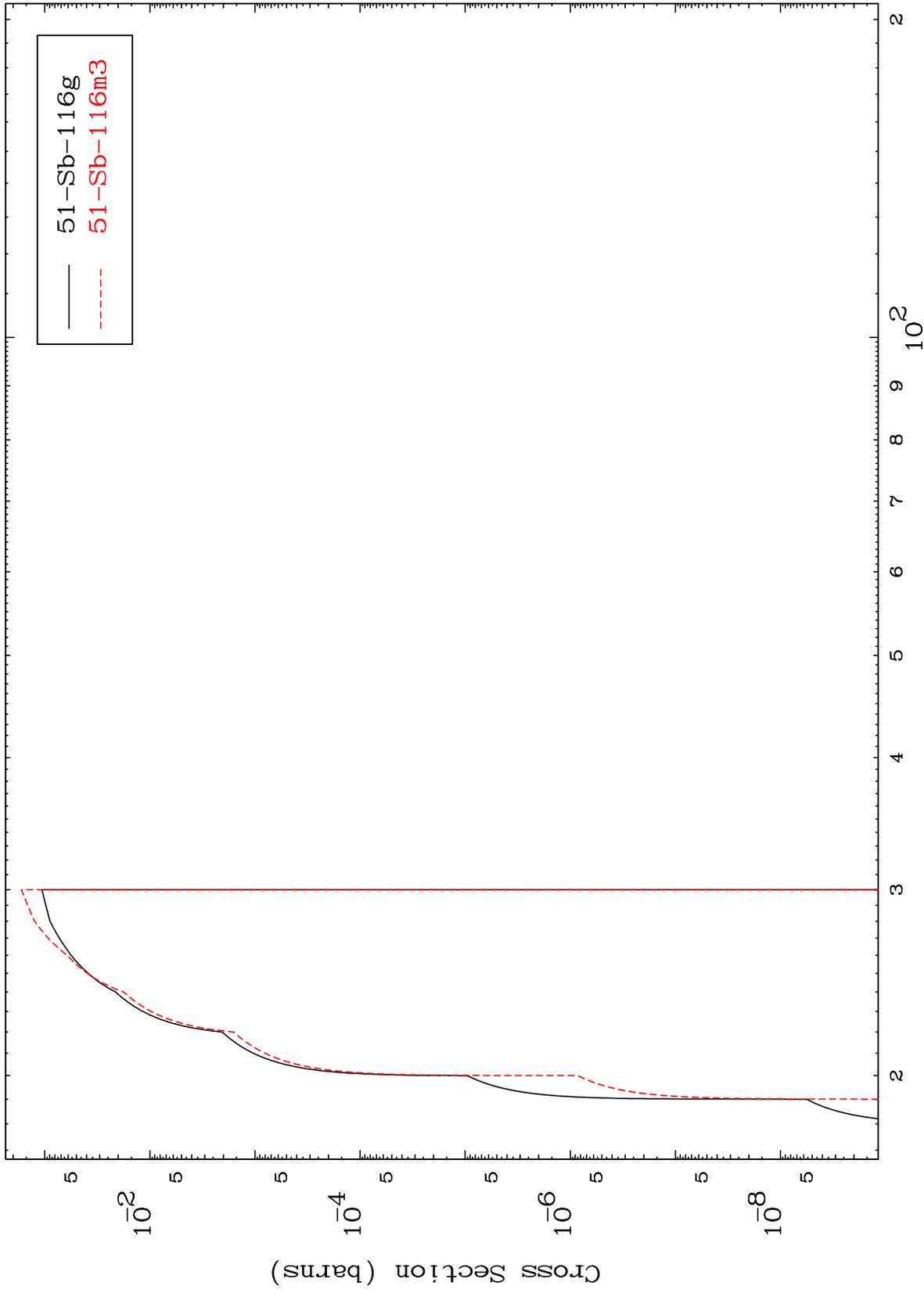
50-Sn-114

MAT 5031

(n,n') p

50-Sn-114

Radionuclide Production Cross Section



13

Incident Energy (MeV)

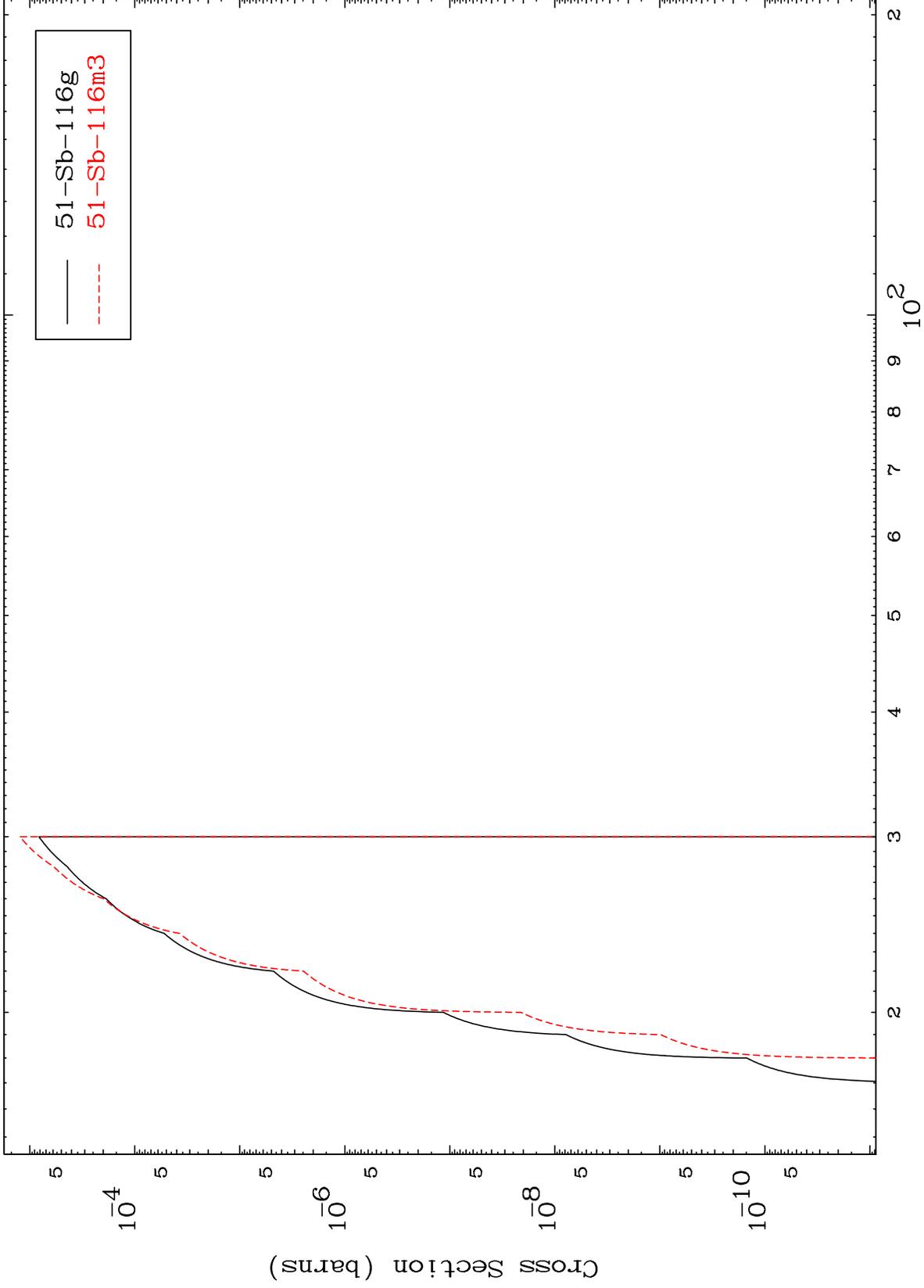
50-Sn-114

MAT 5031

(n,d)

50-Sn-114

Radionuclide Production Cross Section



14

Incident Energy (MeV)

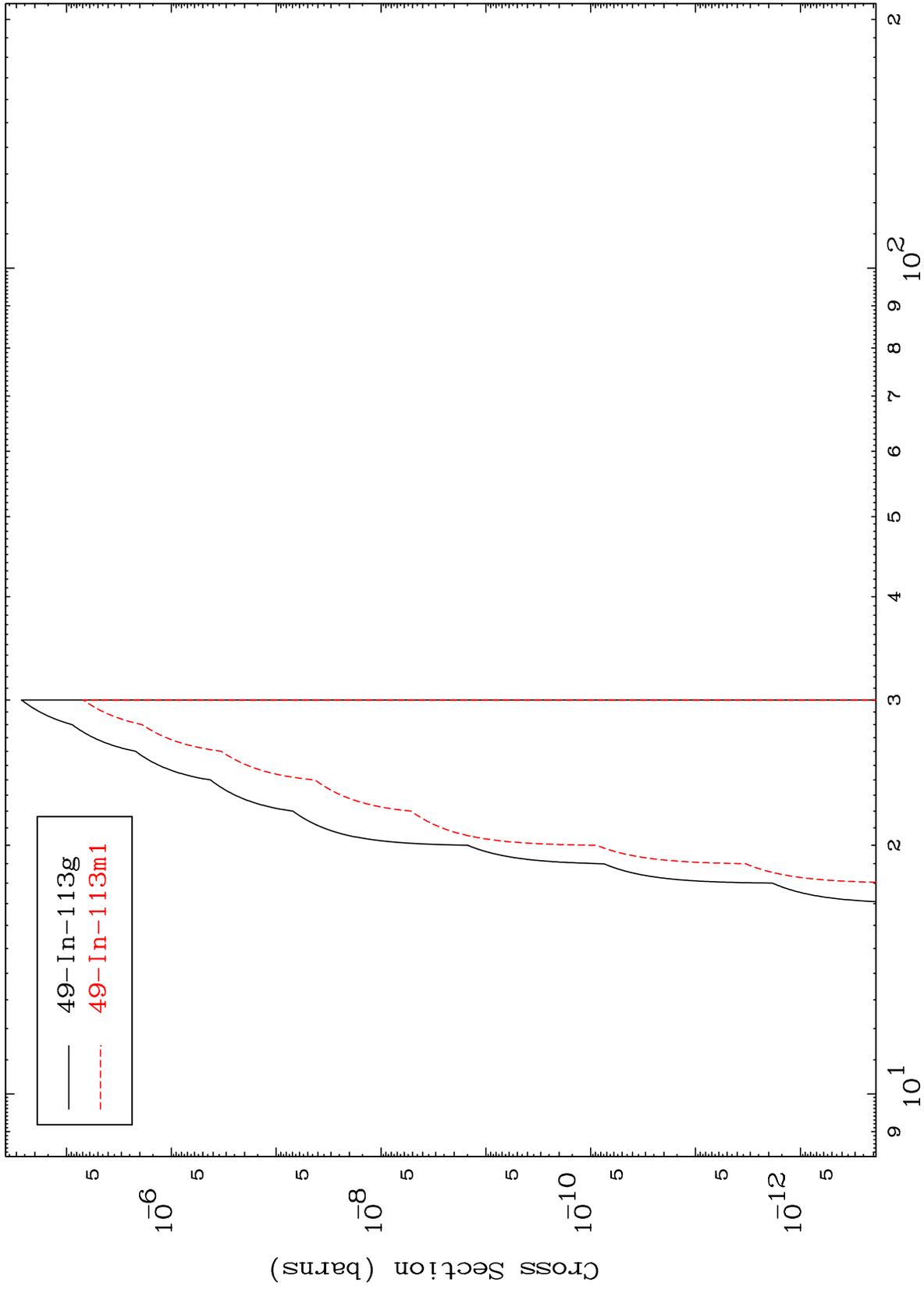
50-Sn-114

MAT 5031

(n,p) α

50-Sn-114

Radionuclide Production Cross Section



15

Incident Energy (MeV)

50-Sn-114