

Program EVALPLOT
(Version 2021-1)

by

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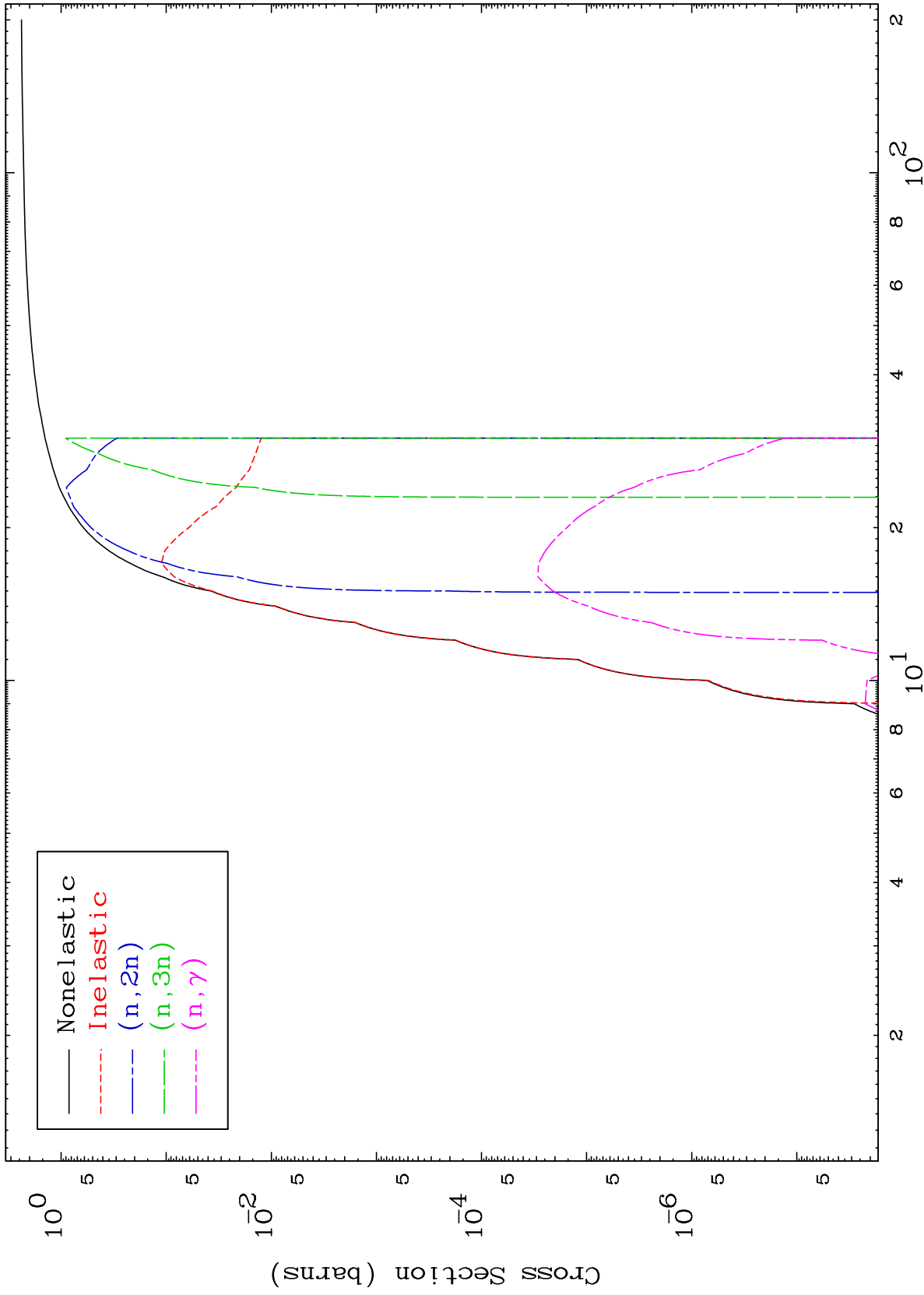
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5843

0 Kelvin α Major
Cross Sections

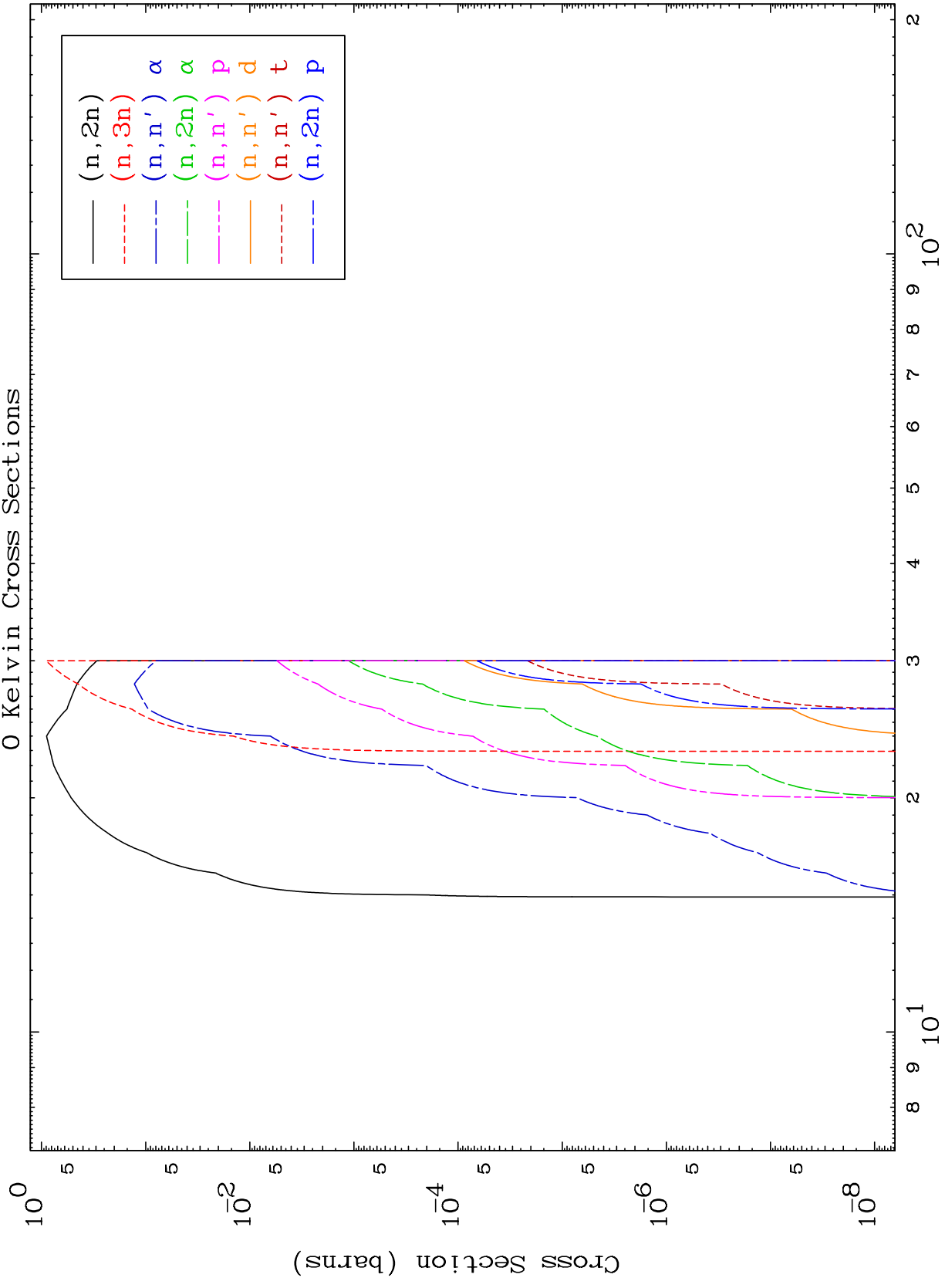
58-Ce-142



MAT 5843

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-142



2

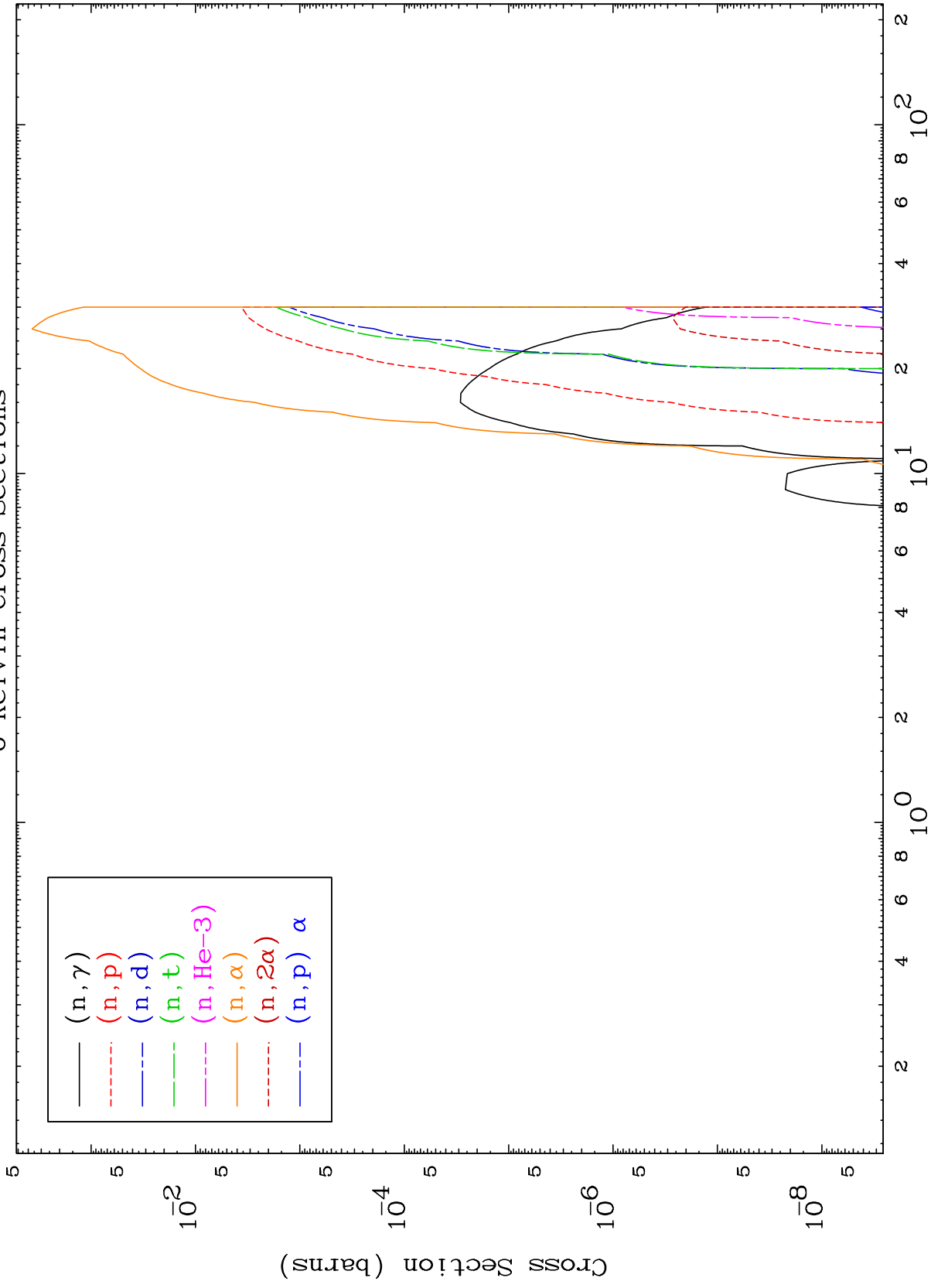
Incident Energy (MeV)

58-Ce-142

MAT 5843

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-142



3

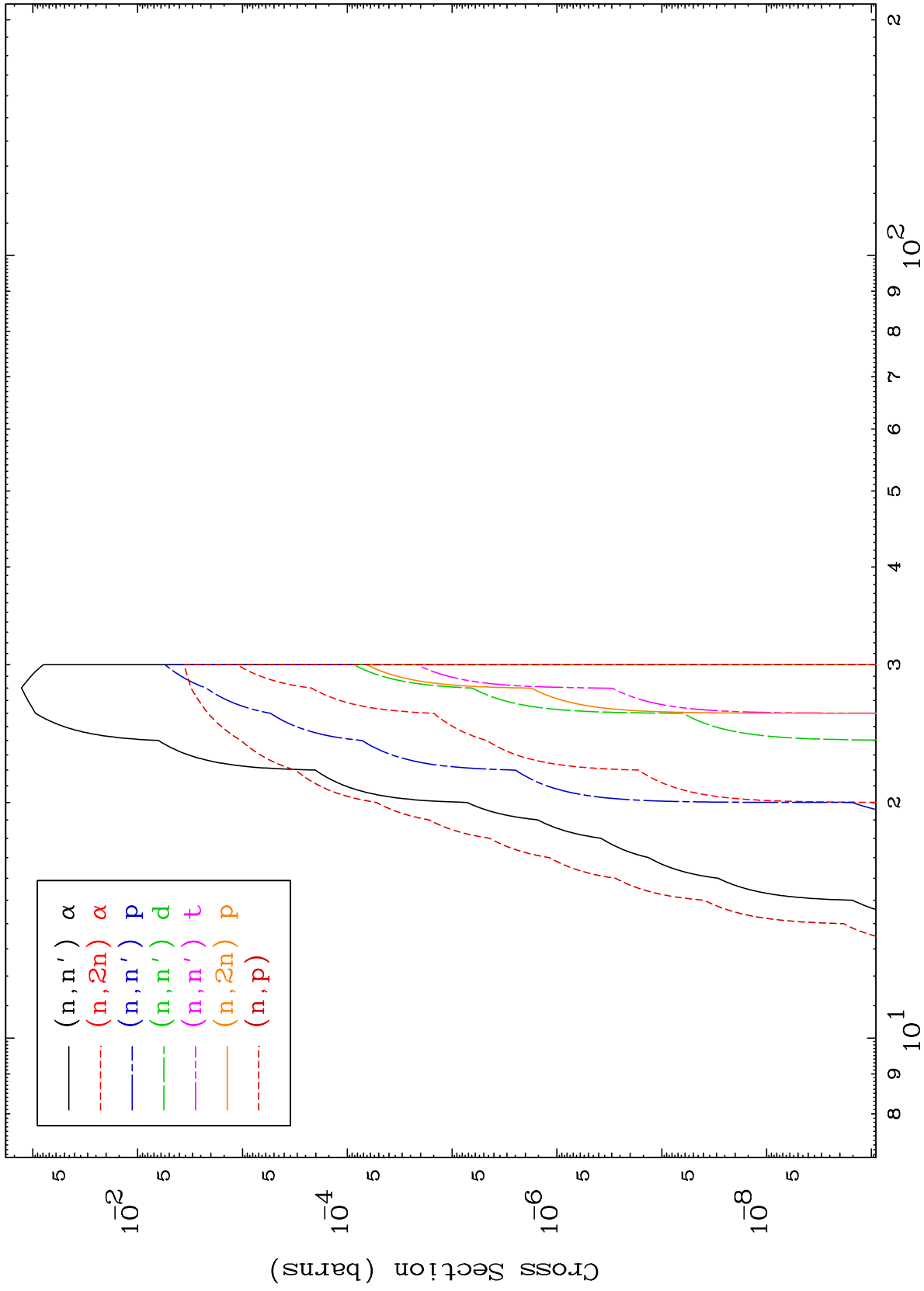
Incident Energy (MeV)

58-Ce-142

MAT 5843

α Charged Particle
0 Kelvin Cross Sections

58-Ce-142



4

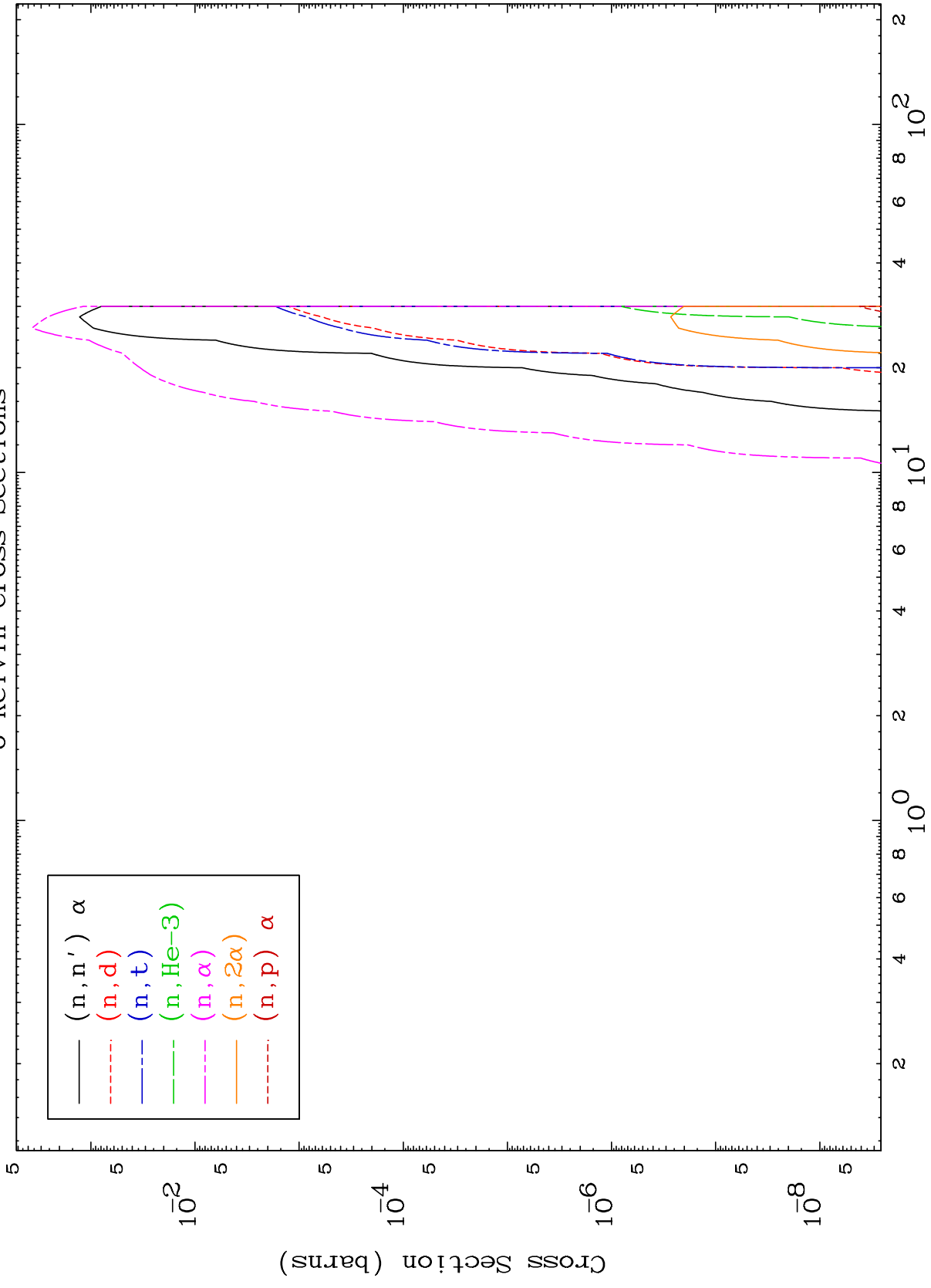
Incident Energy (MeV)

58-Ce-142

MAT 5843

α Charged Particle
0 Kelvin Cross Sections

58-Ce-142



5

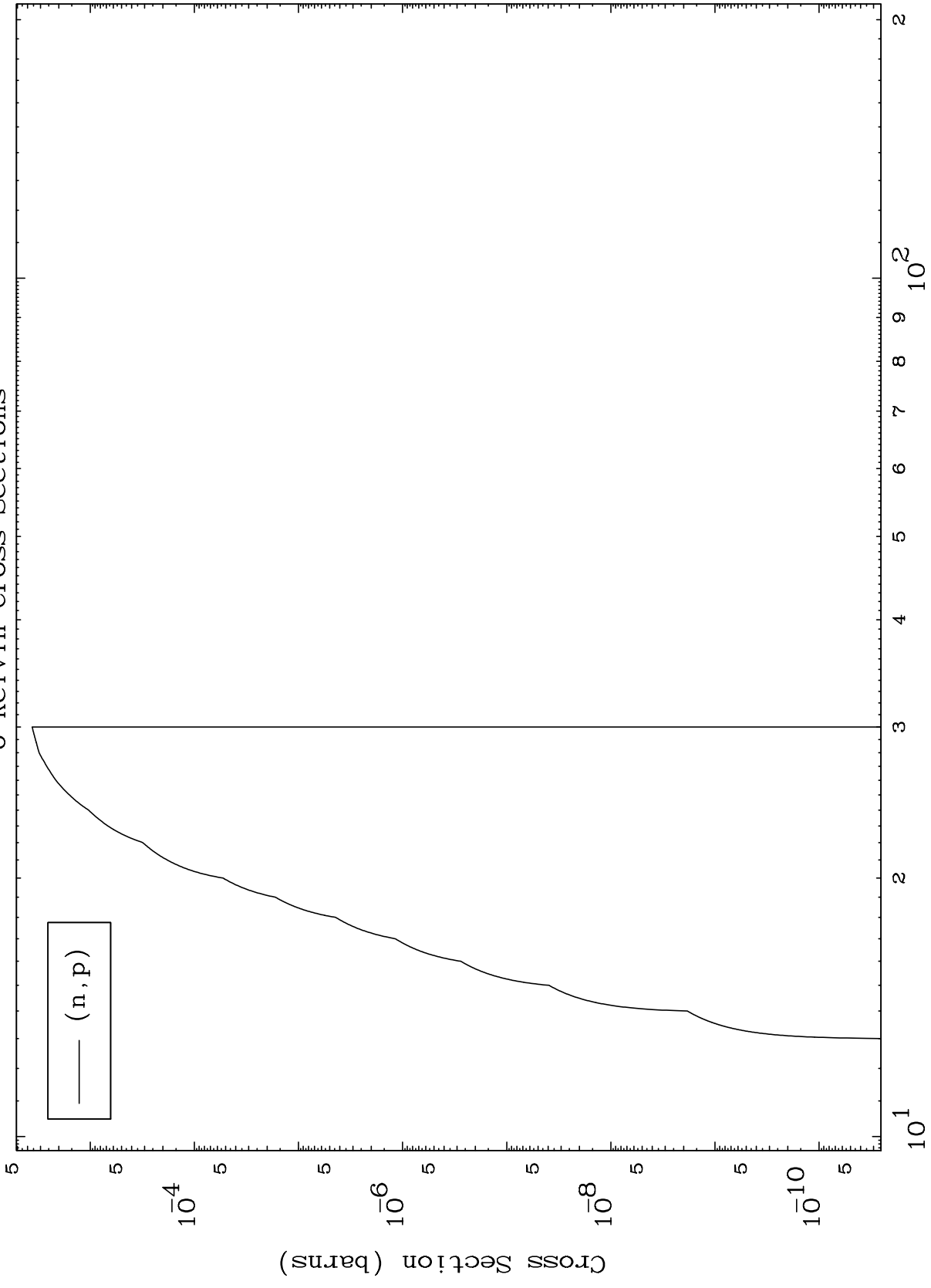
Incident Energy (MeV)

58-Ce-142

MAT 5843

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-142



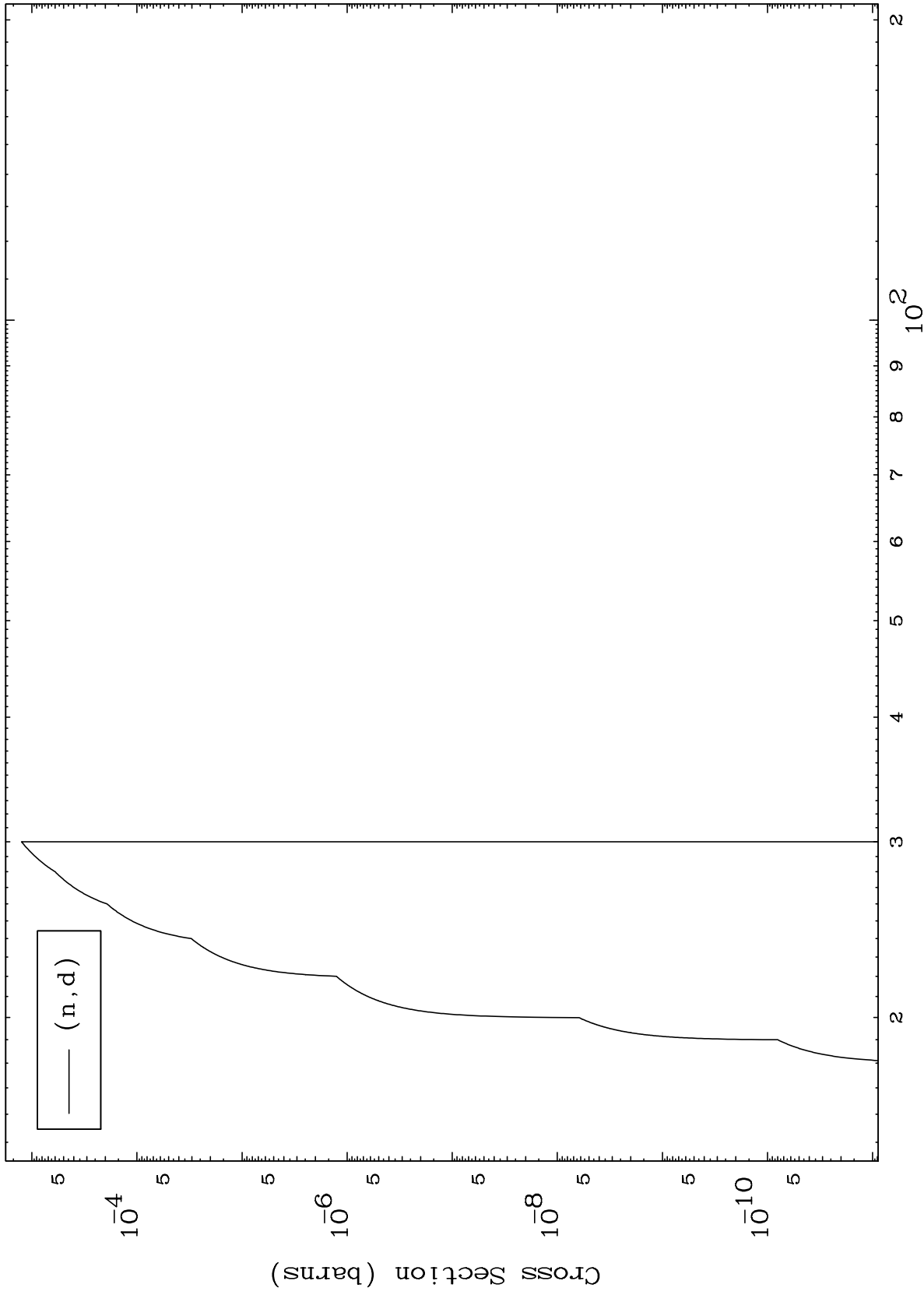
Incident Energy (MeV)

58-Ce-142

MAT 5843

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-142



7

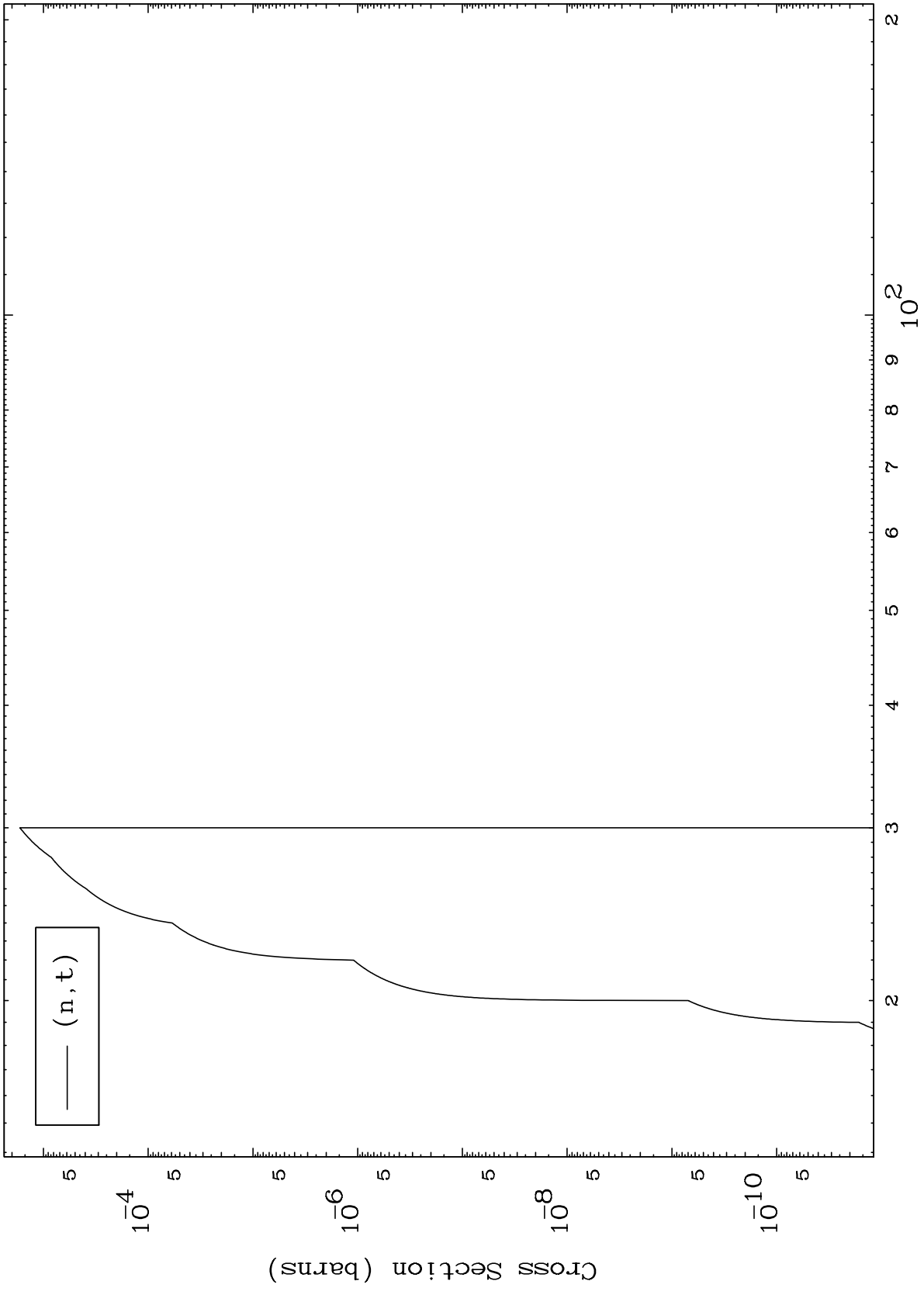
Incident Energy (MeV)

58-Ce-142

MAT 5843

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-142



8

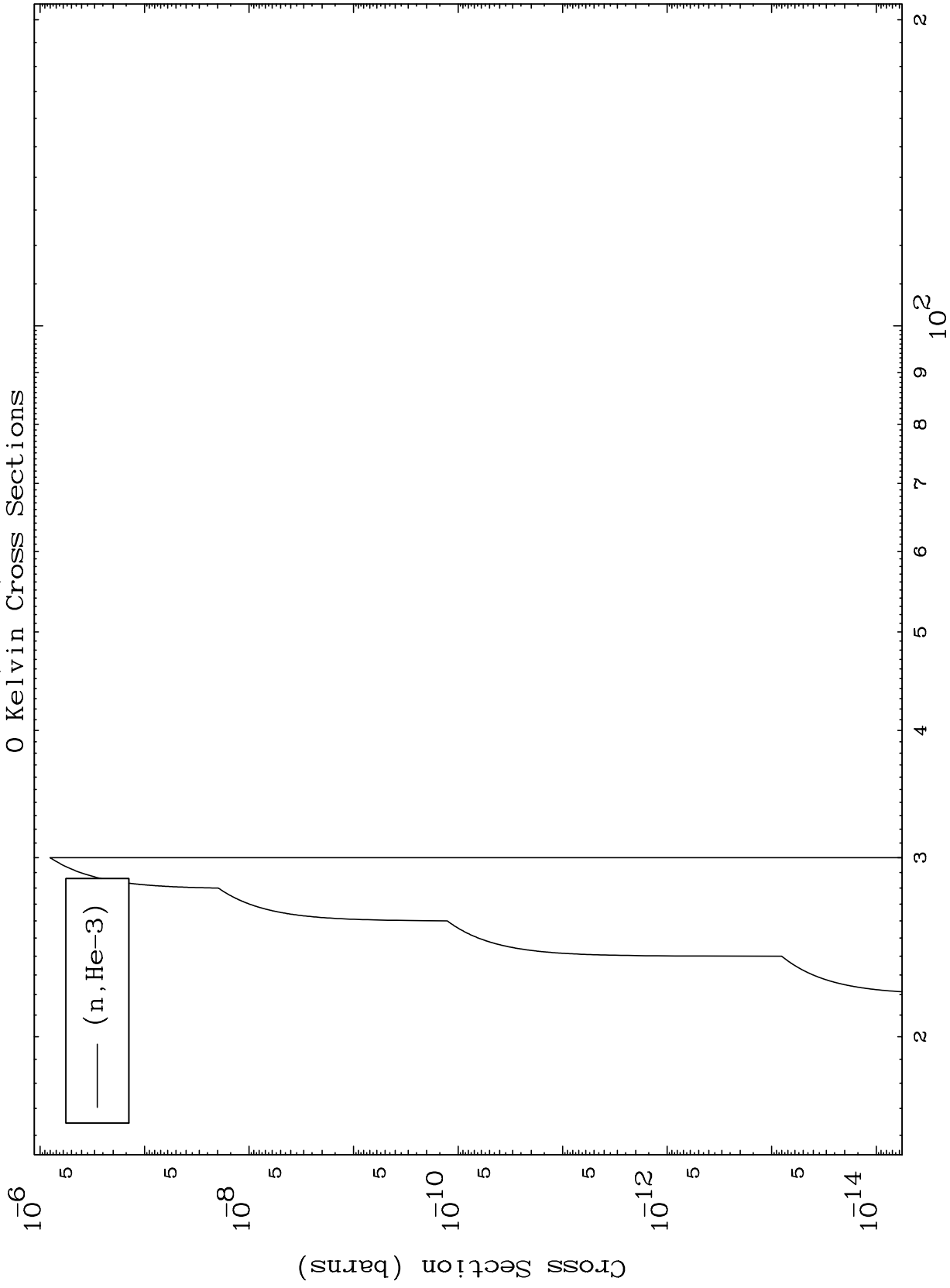
Incident Energy (MeV)

58-Ce-142

MAT 5843

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

58-Ce-142



9

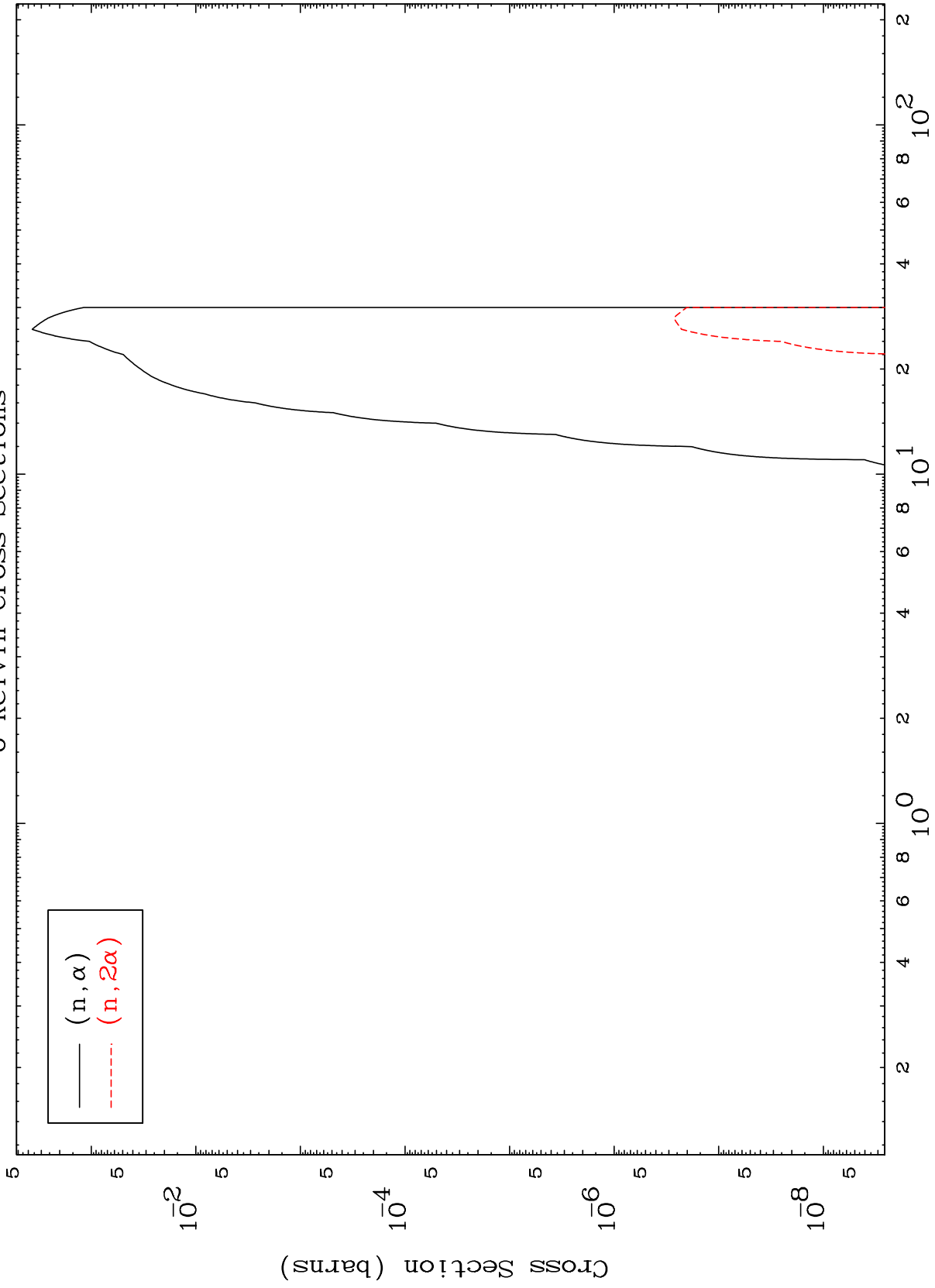
Incident Energy (MeV)

58-Ce-142

MAT 5843

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-142



10

Incident Energy (MeV)

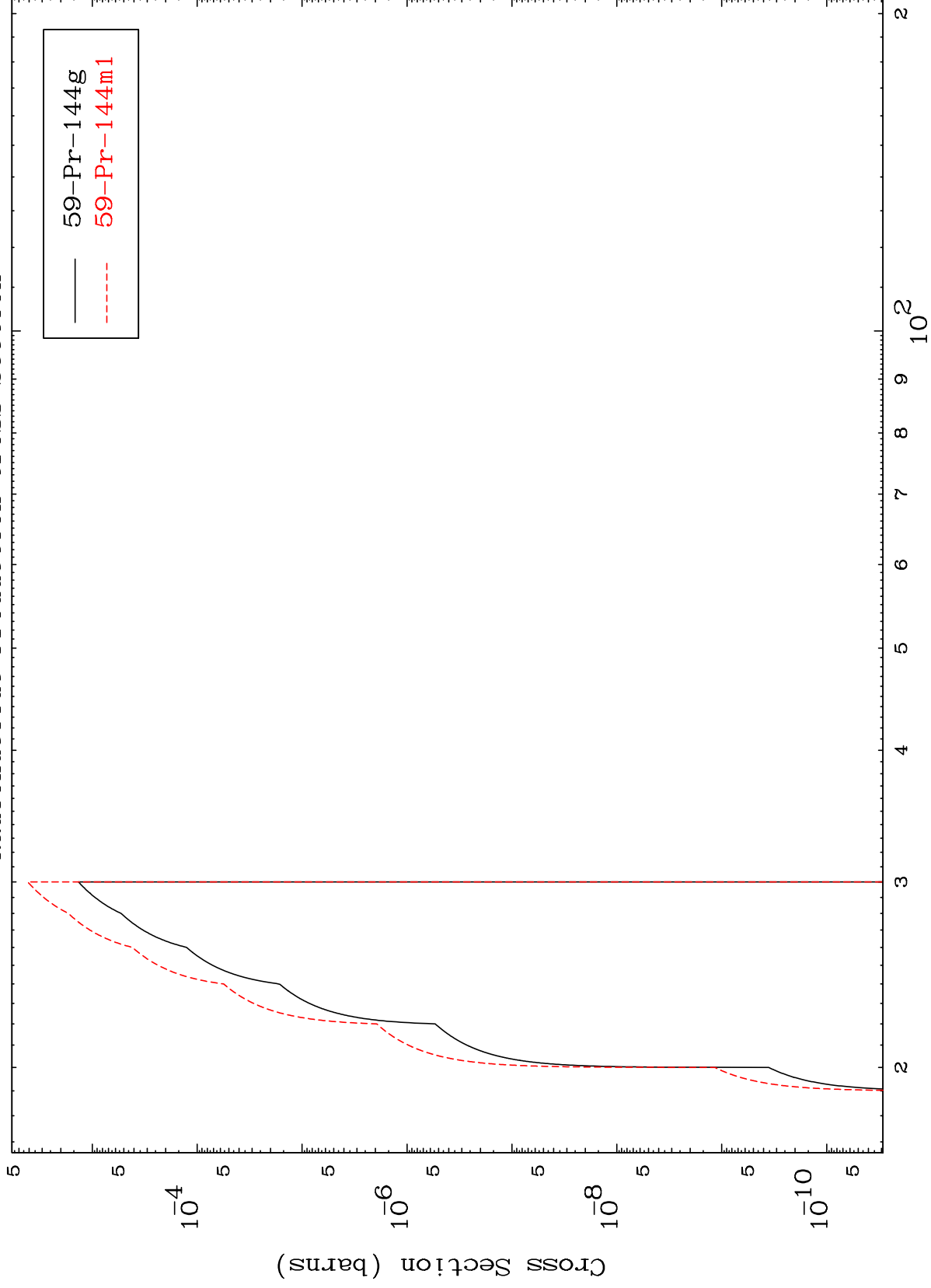
58-Ce-142

MAT 5843

(n,n') p

58-Ce-142

Radionuclide Production Cross Section



11

Incident Energy (MeV)

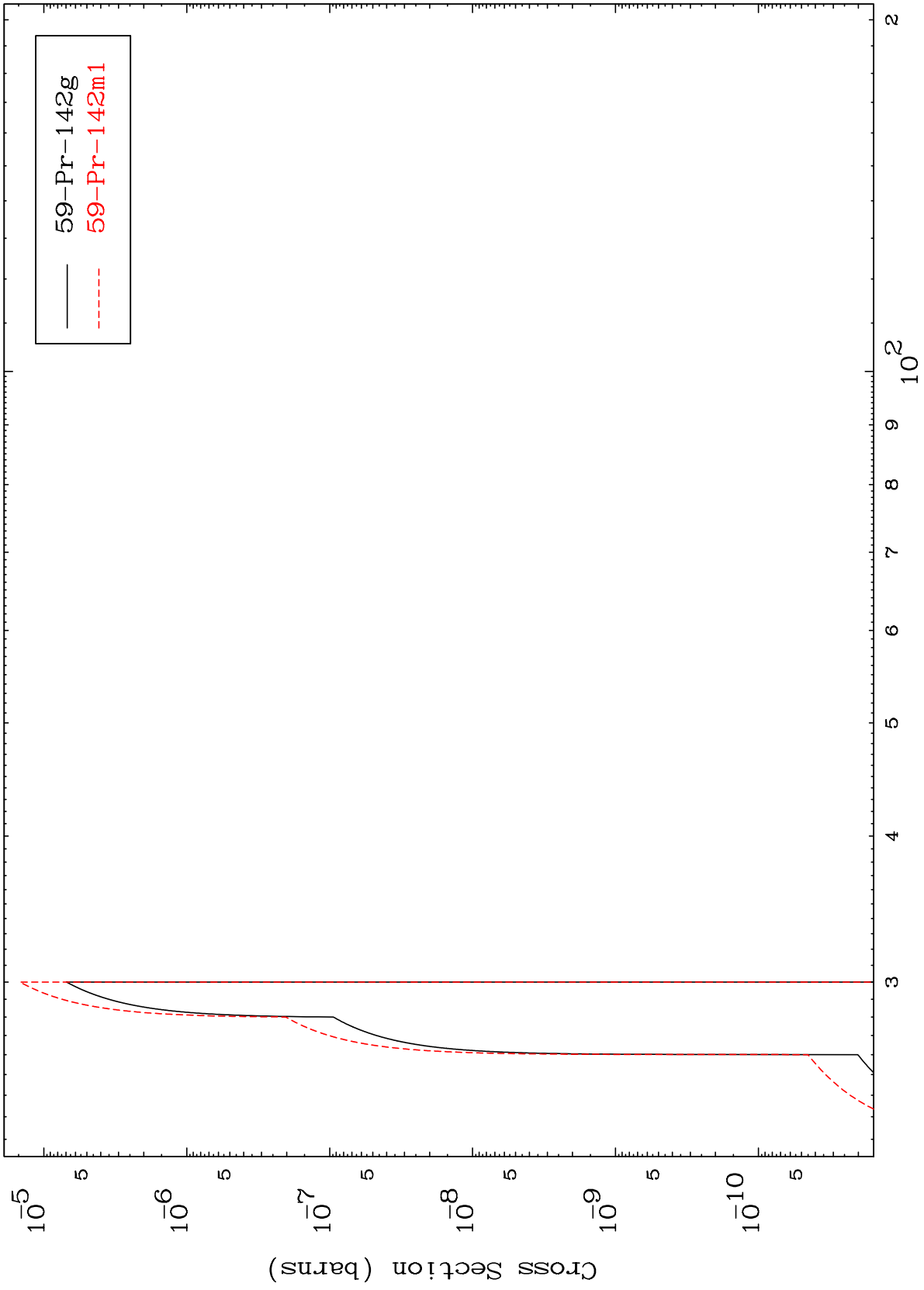
58-Ce-142

MAT 5843

(n,n') t

58-Ce-142

Radionuclide Production Cross Section



12

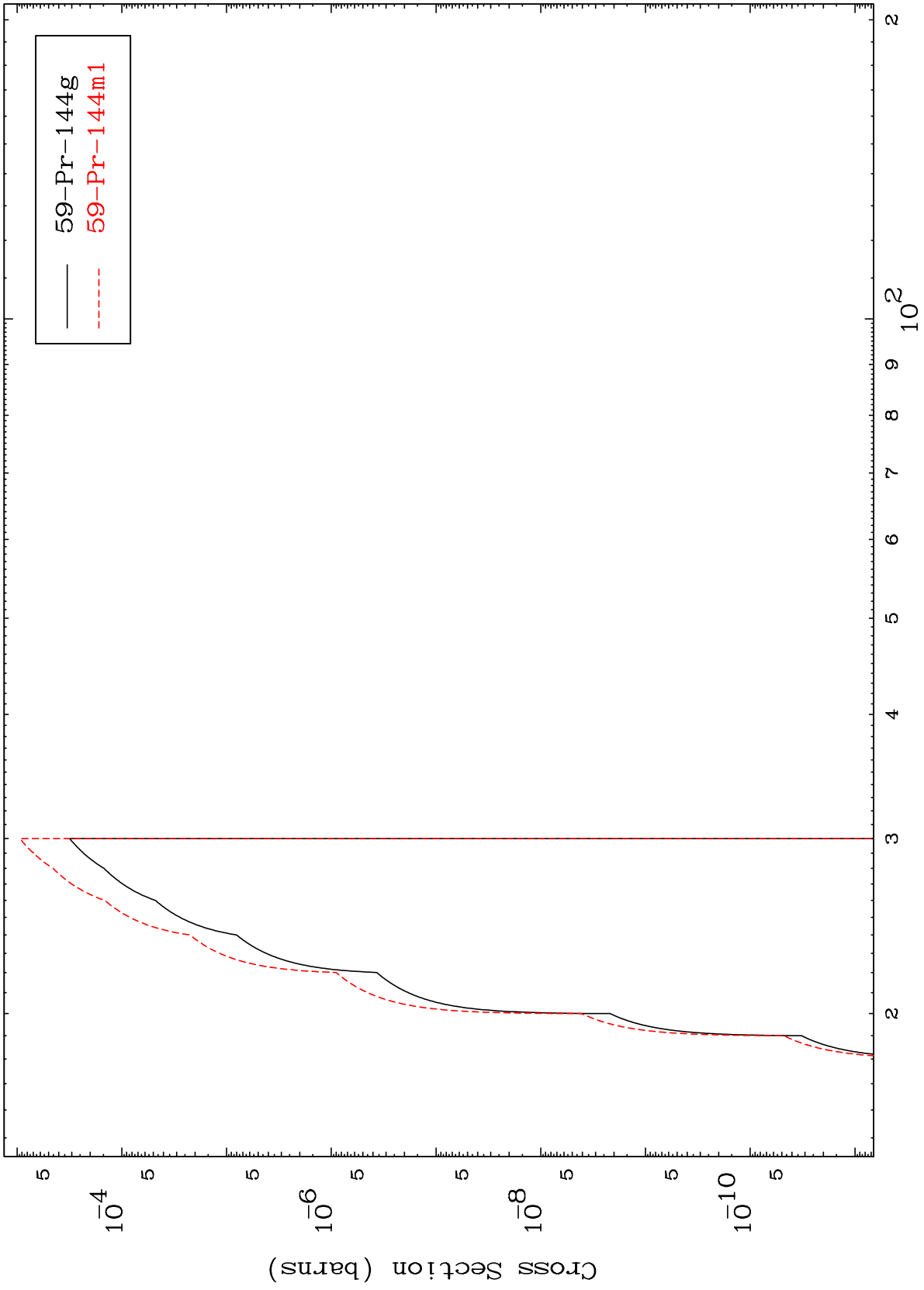
Incident Energy (MeV)

58-Ce-142

MAT 5843

58-Ce-142

(n,d)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

58-Ce-142