

Program EVALPLOT
(Version 2021-1)

by

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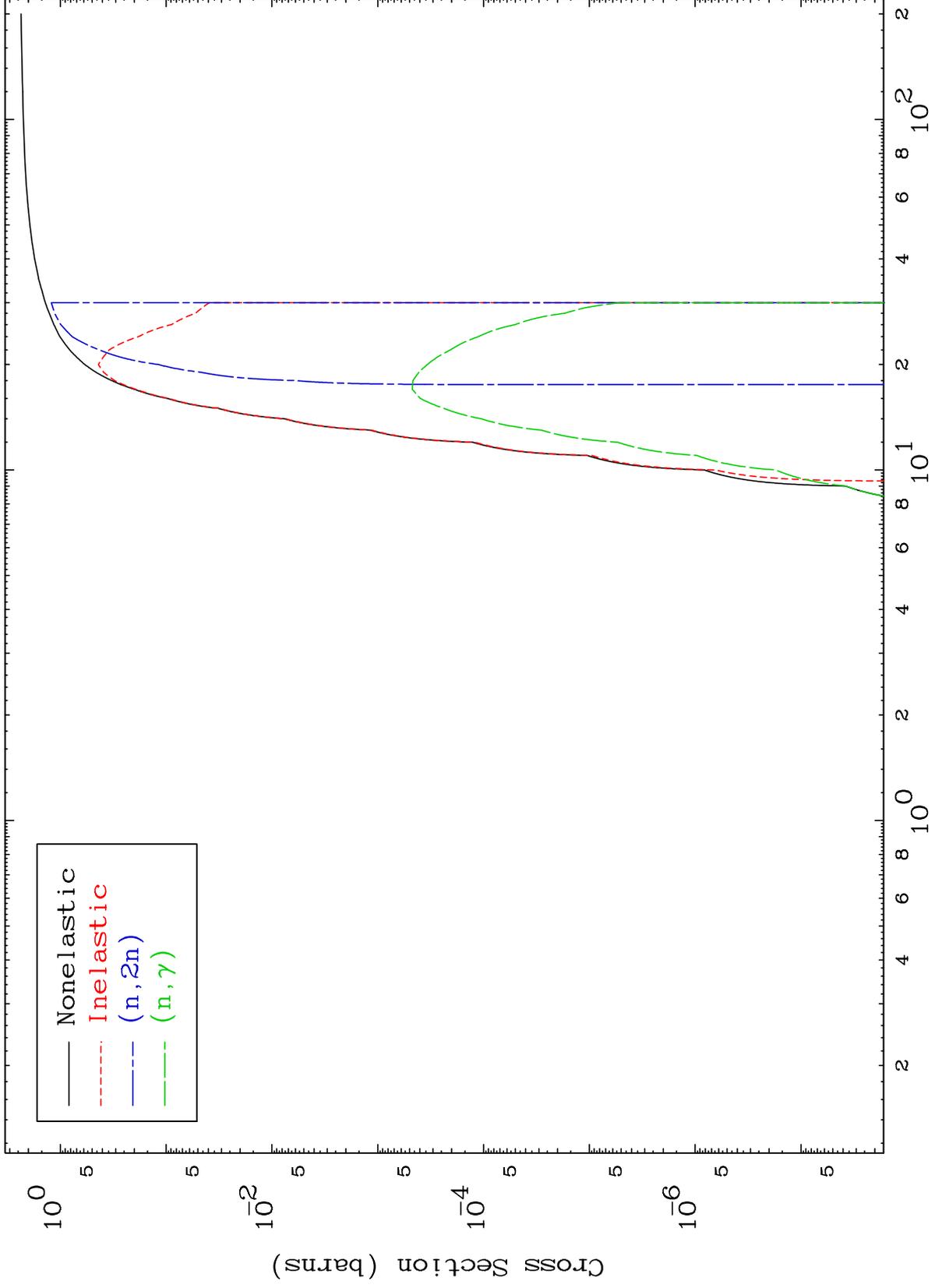
Press Mouse Button to Start

MAT 5831

0 Kelvin

α Major Cross Sections

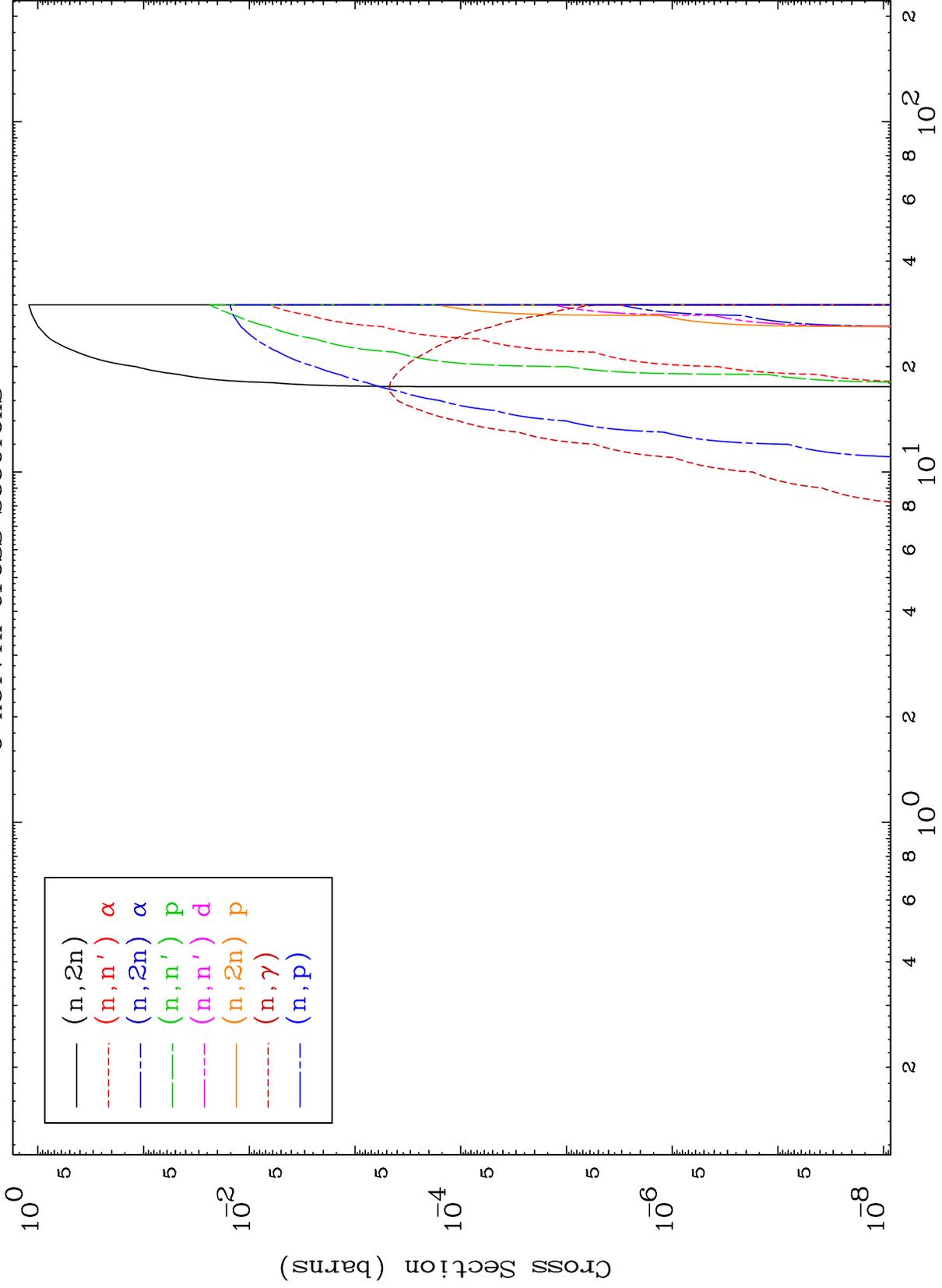
58-Ce-138



MAT 5831

α Neutron Absorption
0 Kelvin Cross Sections

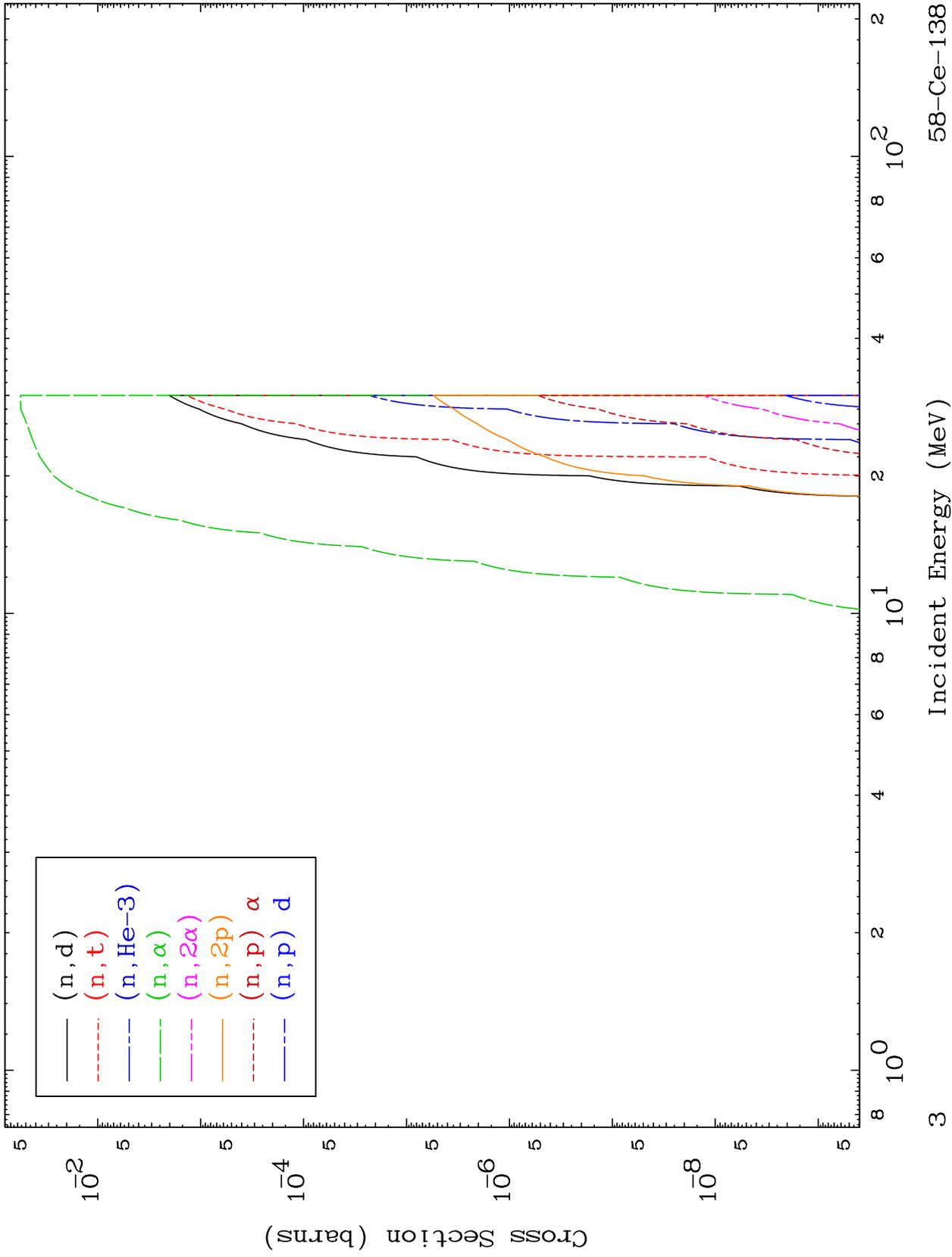
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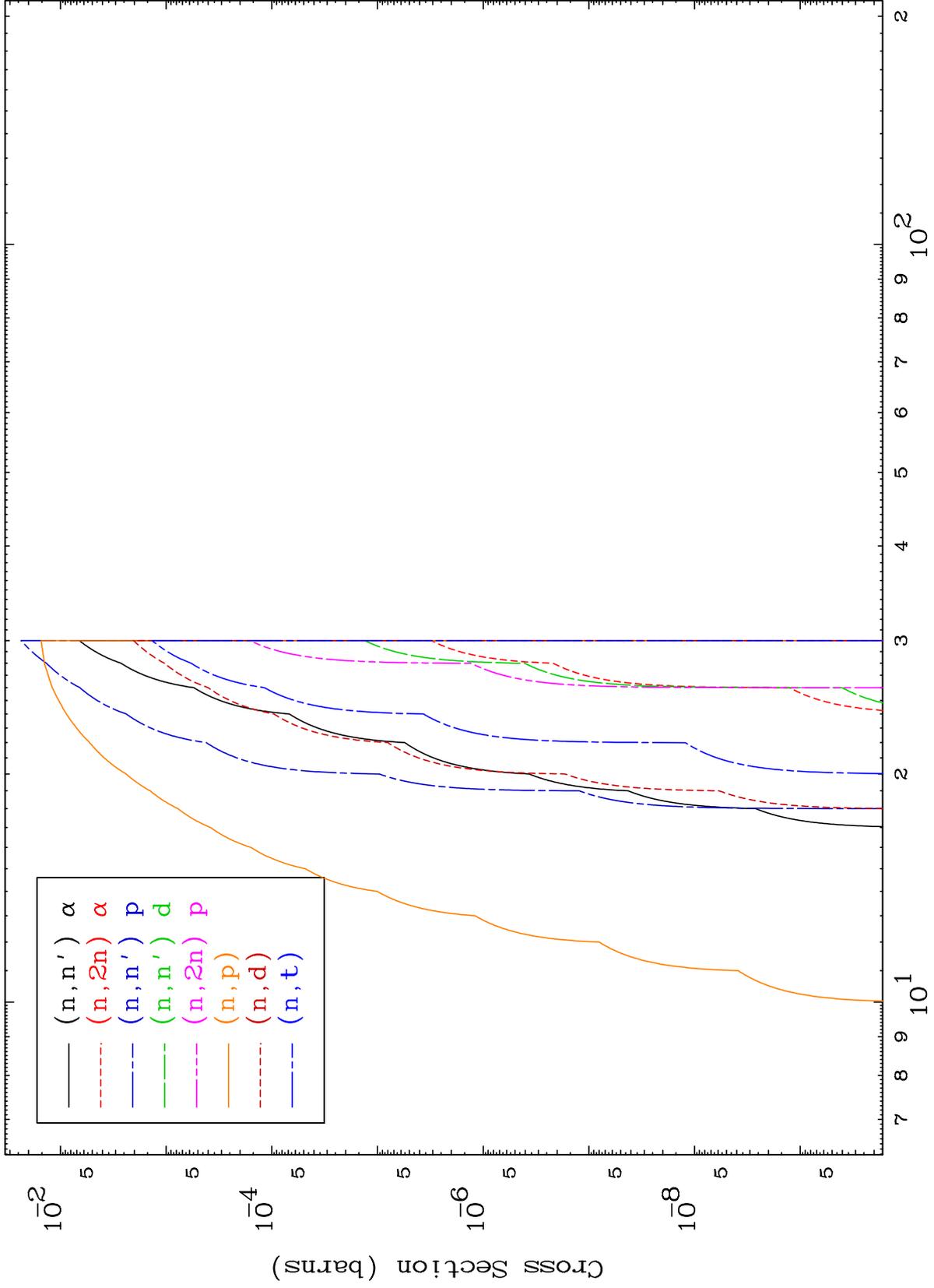


MAT 5831

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-138



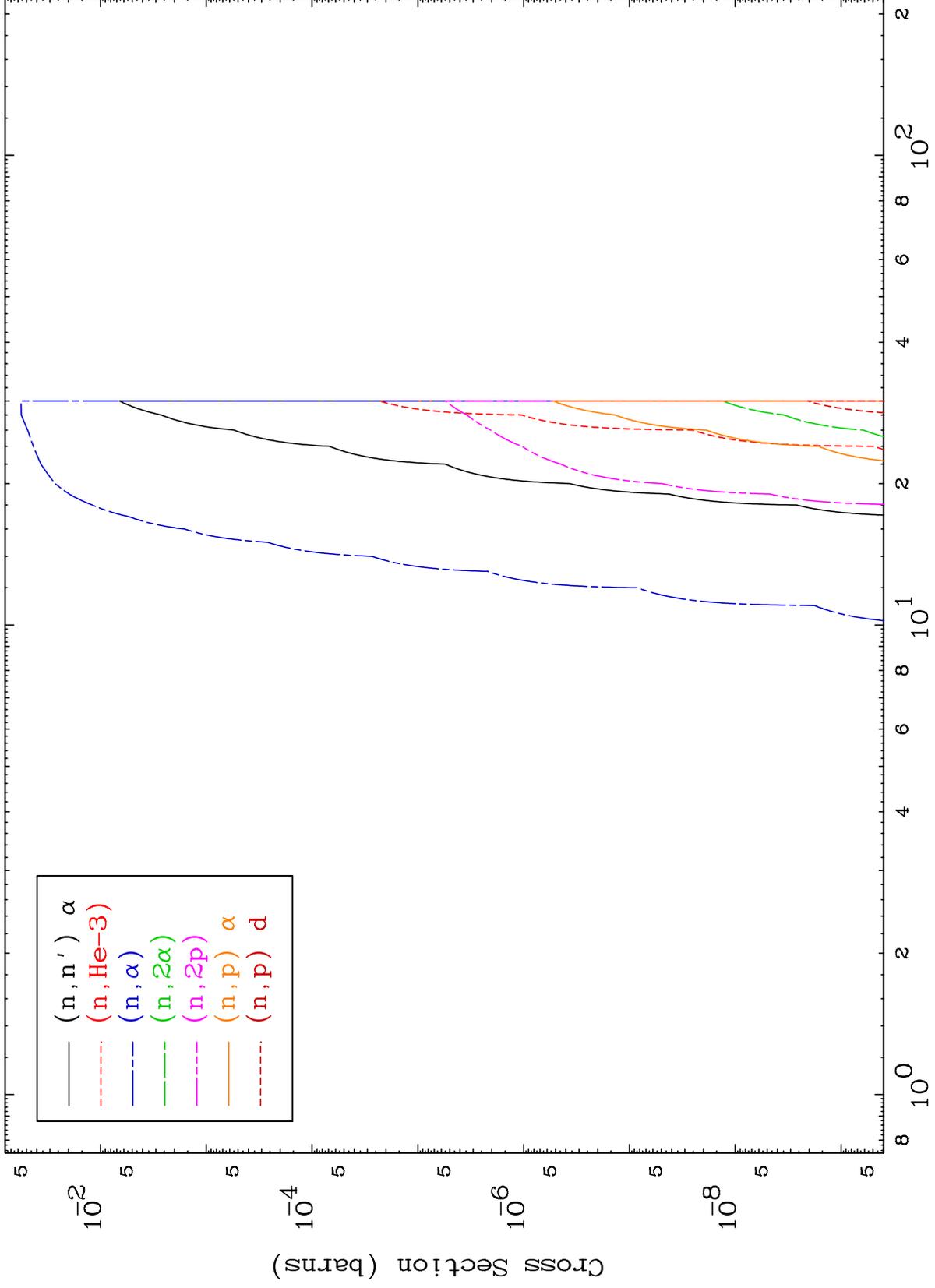


MAT 5831

α Charged Particle

58-Ce-138

0 Kelvin Cross Sections



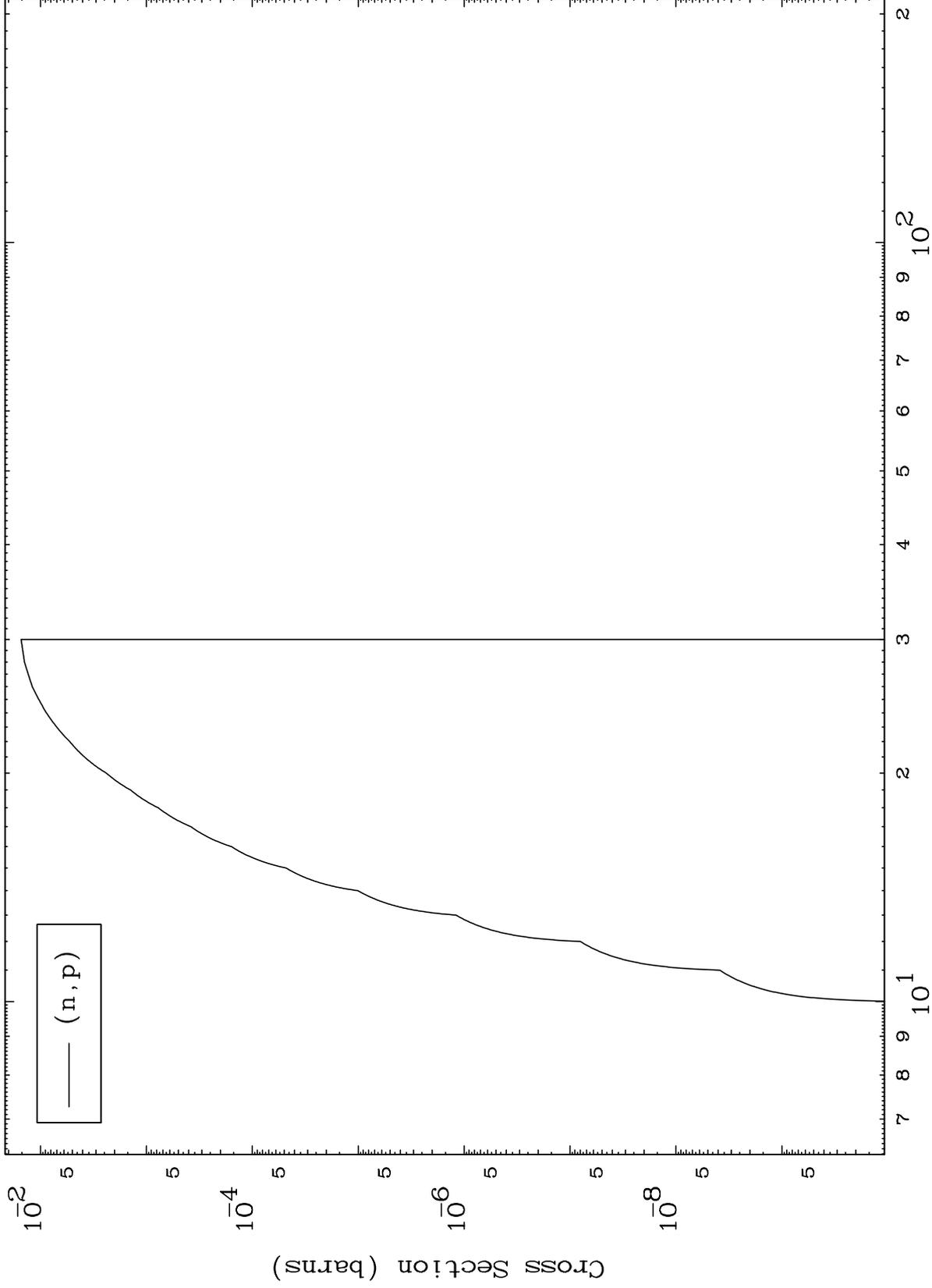
Incident Energy (MeV)

58-Ce-138

MAT 5831

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-138

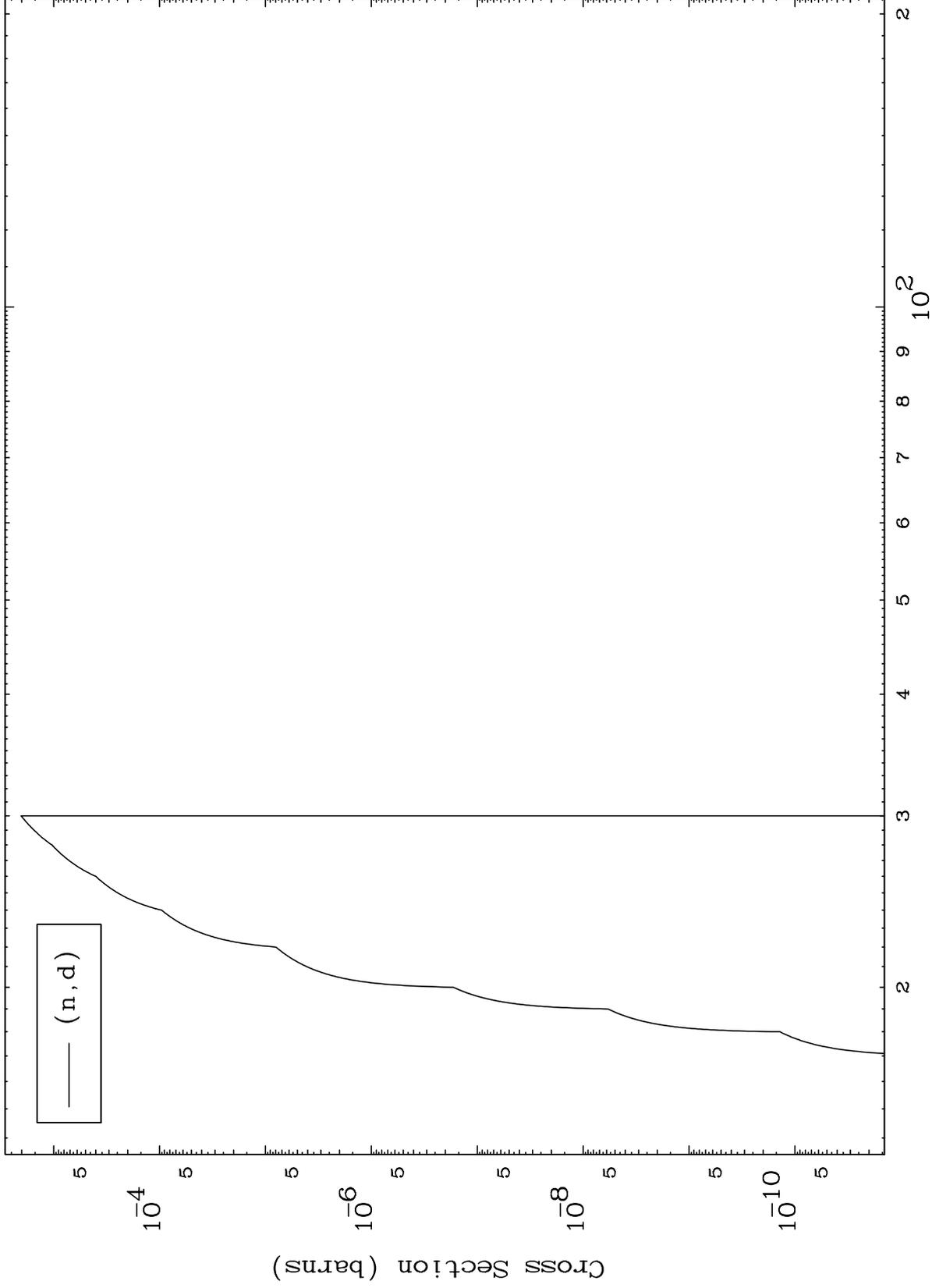


MAT 5831

(α, d) Levels

58-Ce-138

0 Kelvin Cross Sections



7

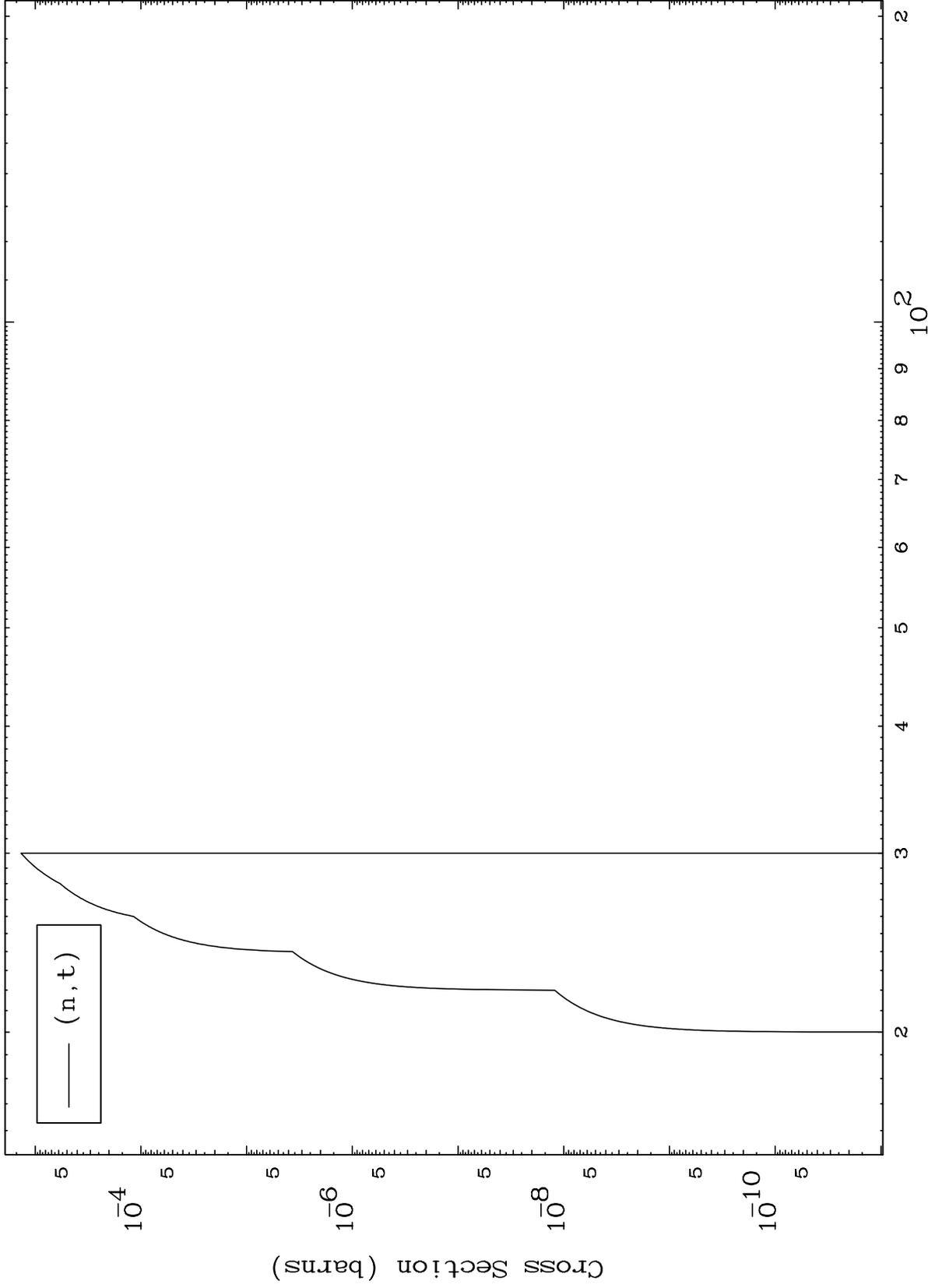
Incident Energy (MeV)

58-Ce-138

MAT 5831

(α, t) Levels
0 Kelvin Cross Sections

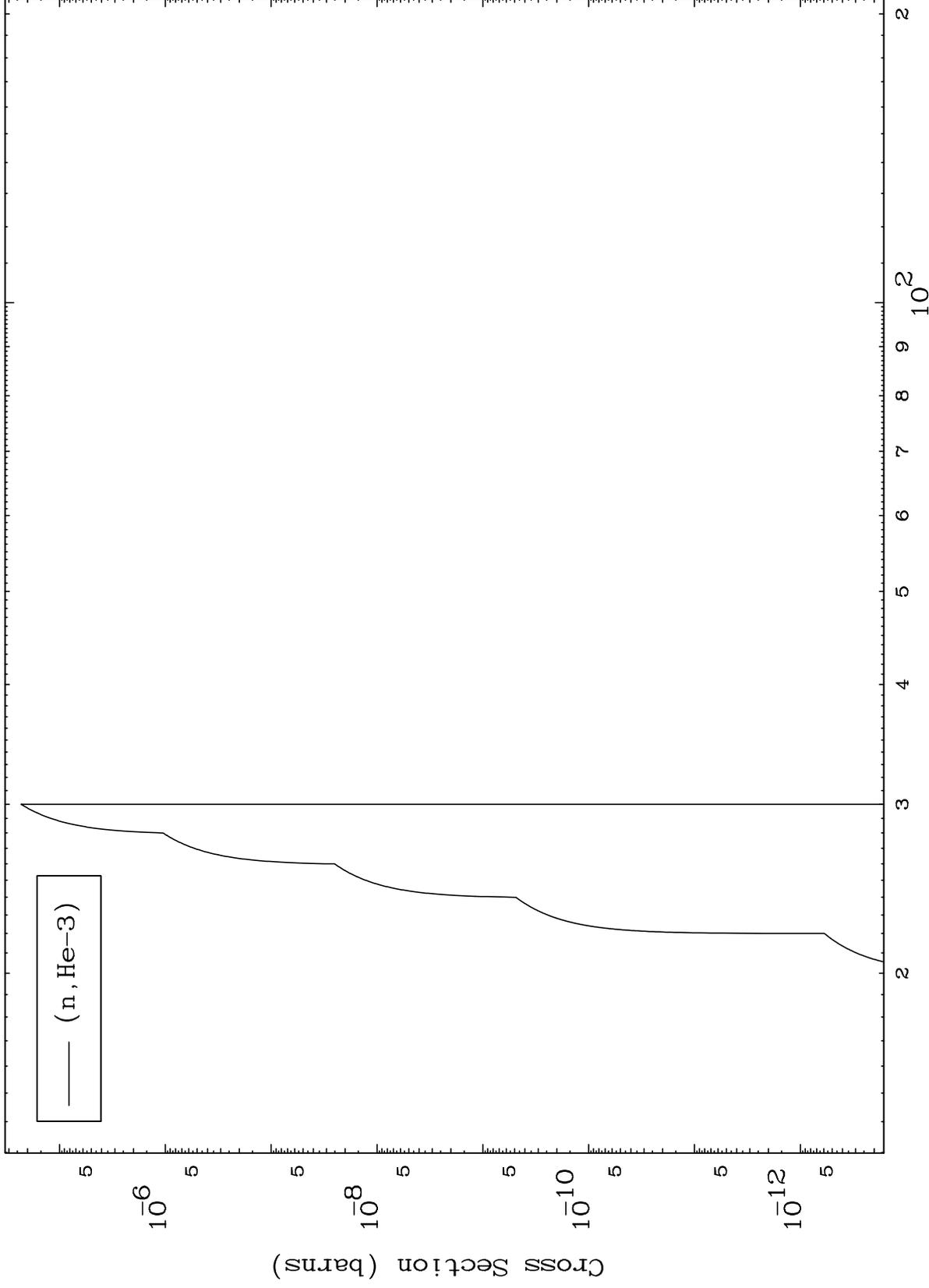
58-Ce-138



8

Incident Energy (MeV)

58-Ce-138

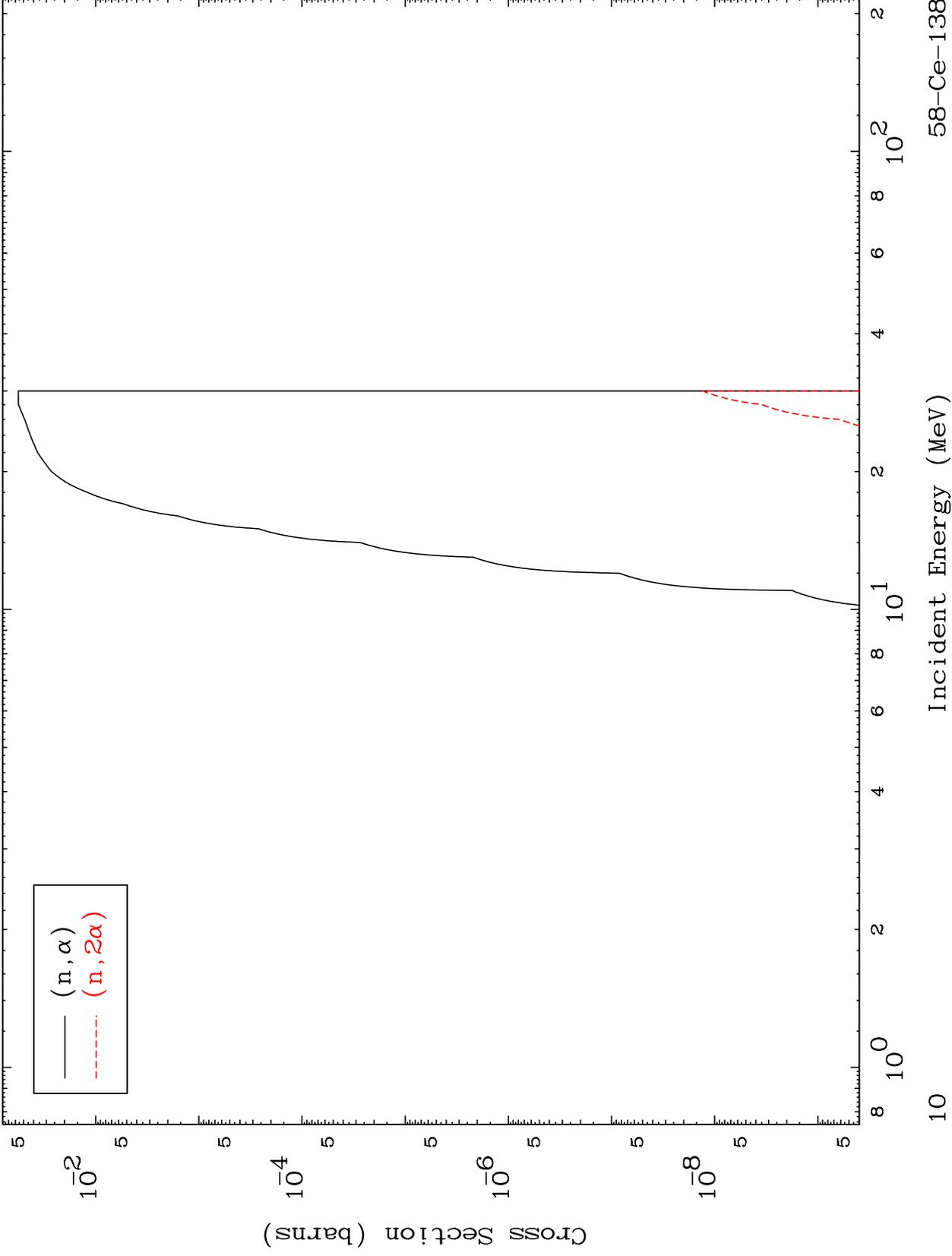


MAT 5831

(α, α) Levels

58-Ce-138

0 Kelvin Cross Sections



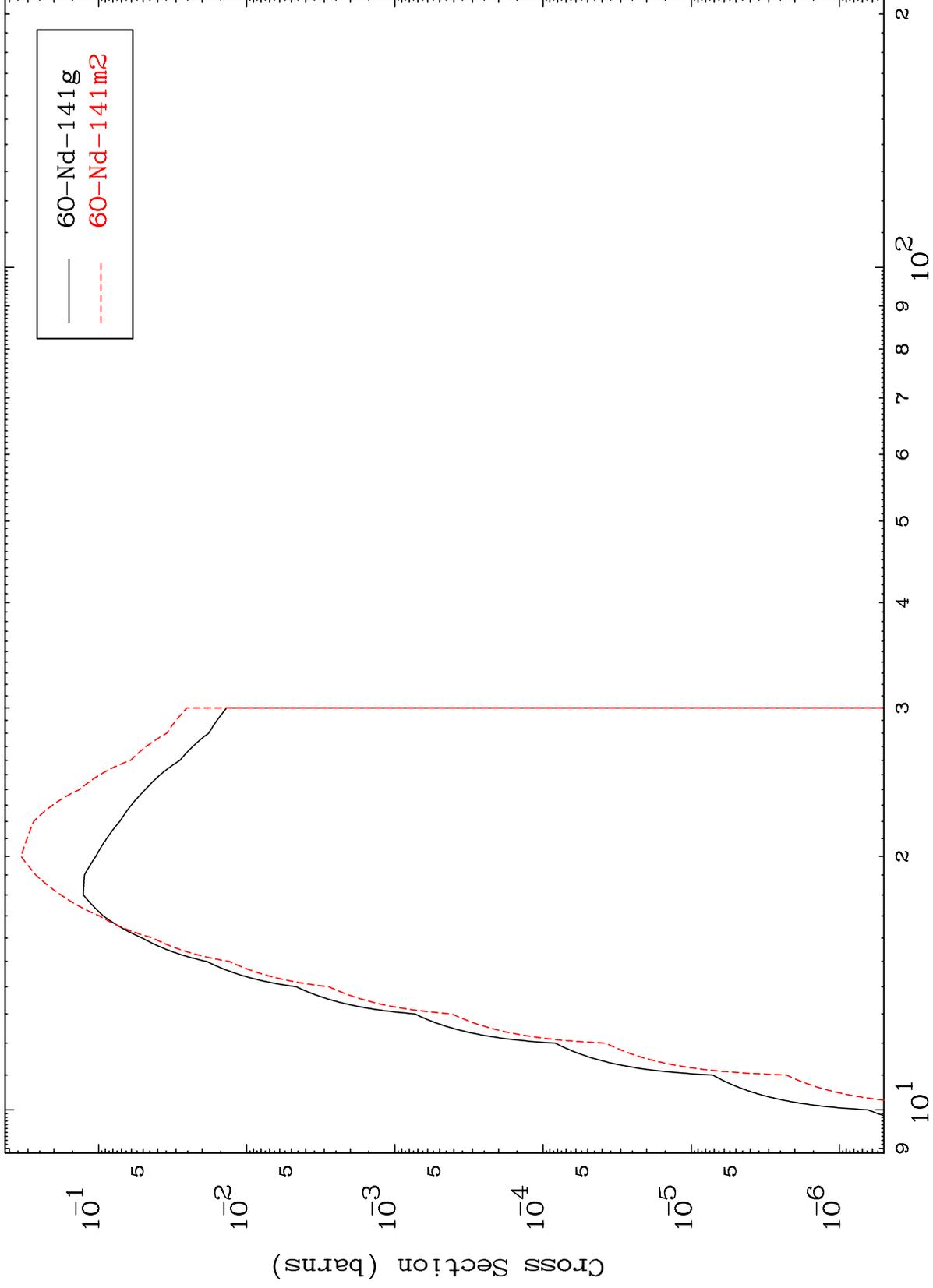
58-Ce-138

Incident Energy (MeV)

MAT 5831

58-Ce-138

Inelastic
Radionuclide Production Cross Section



58-Ce-138

Incident Energy (MeV)

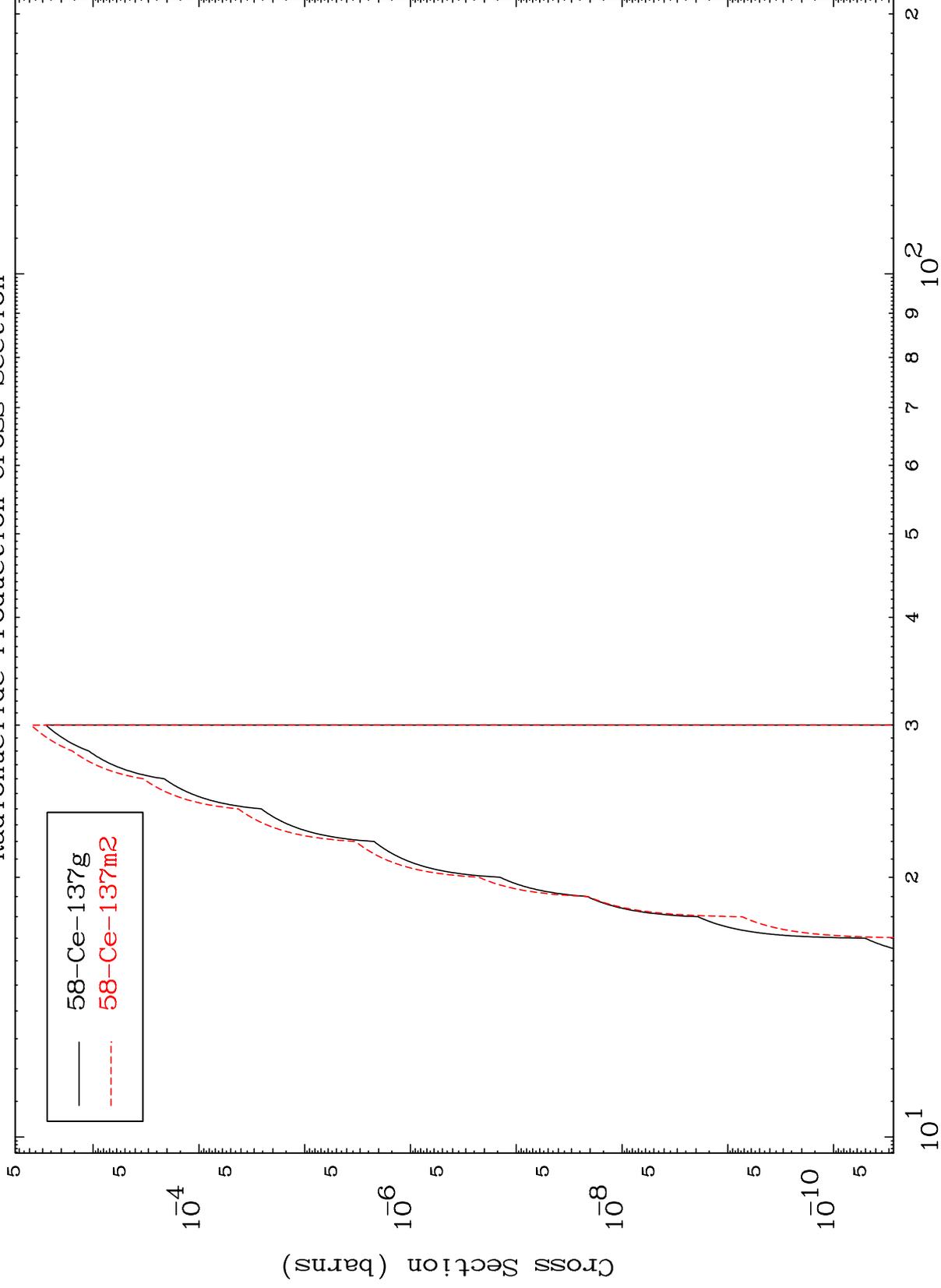
11

MAT 5831

(n,n') α

58-Ce-138

Radionuclide Production Cross Section



Incident Energy (MeV)

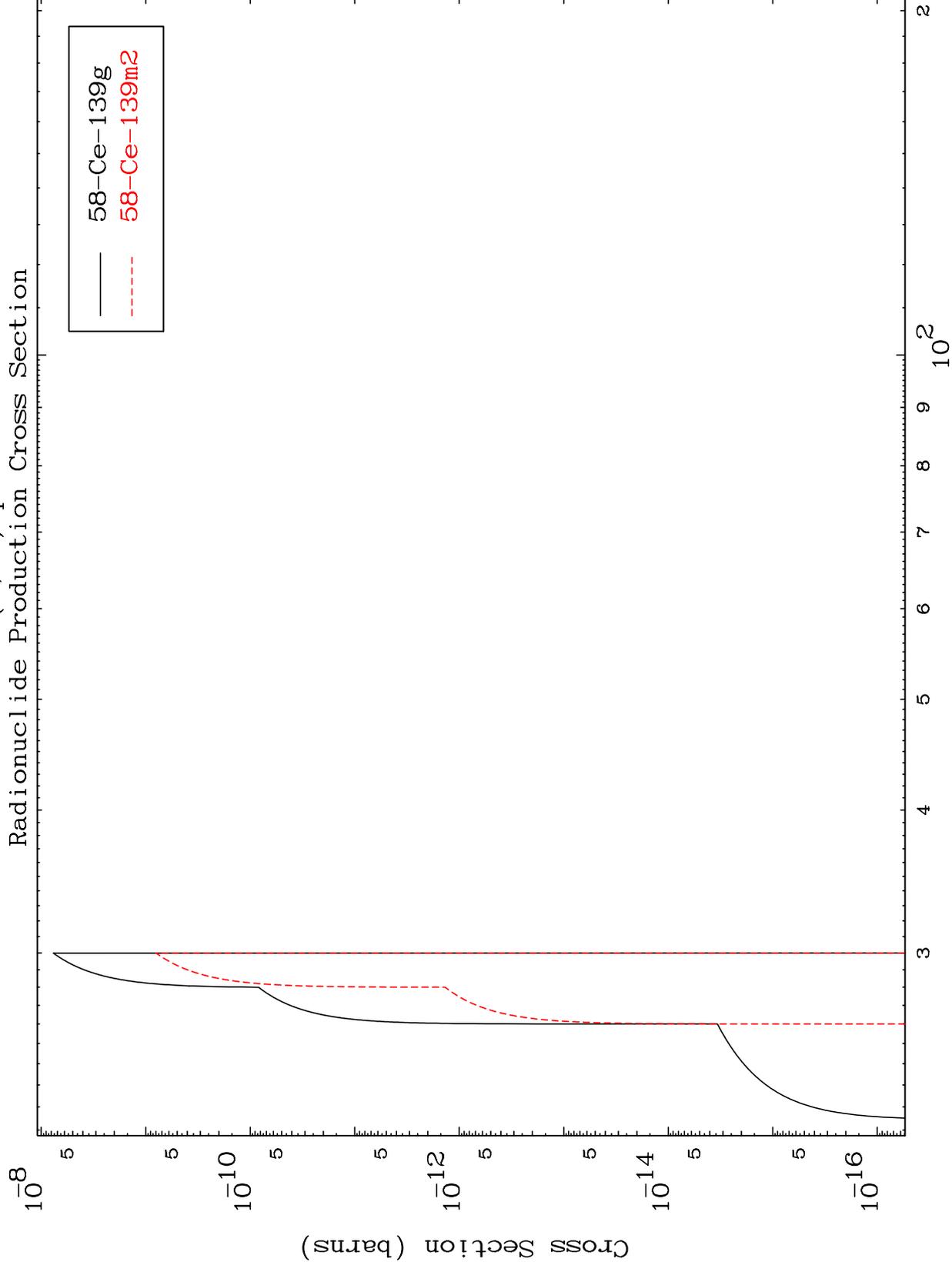
58-Ce-138

12

MAT 5831

58-Ce-138

(n,2n) p
Radionuclide Production Cross Section



58-Ce-138

Incident Energy (MeV)

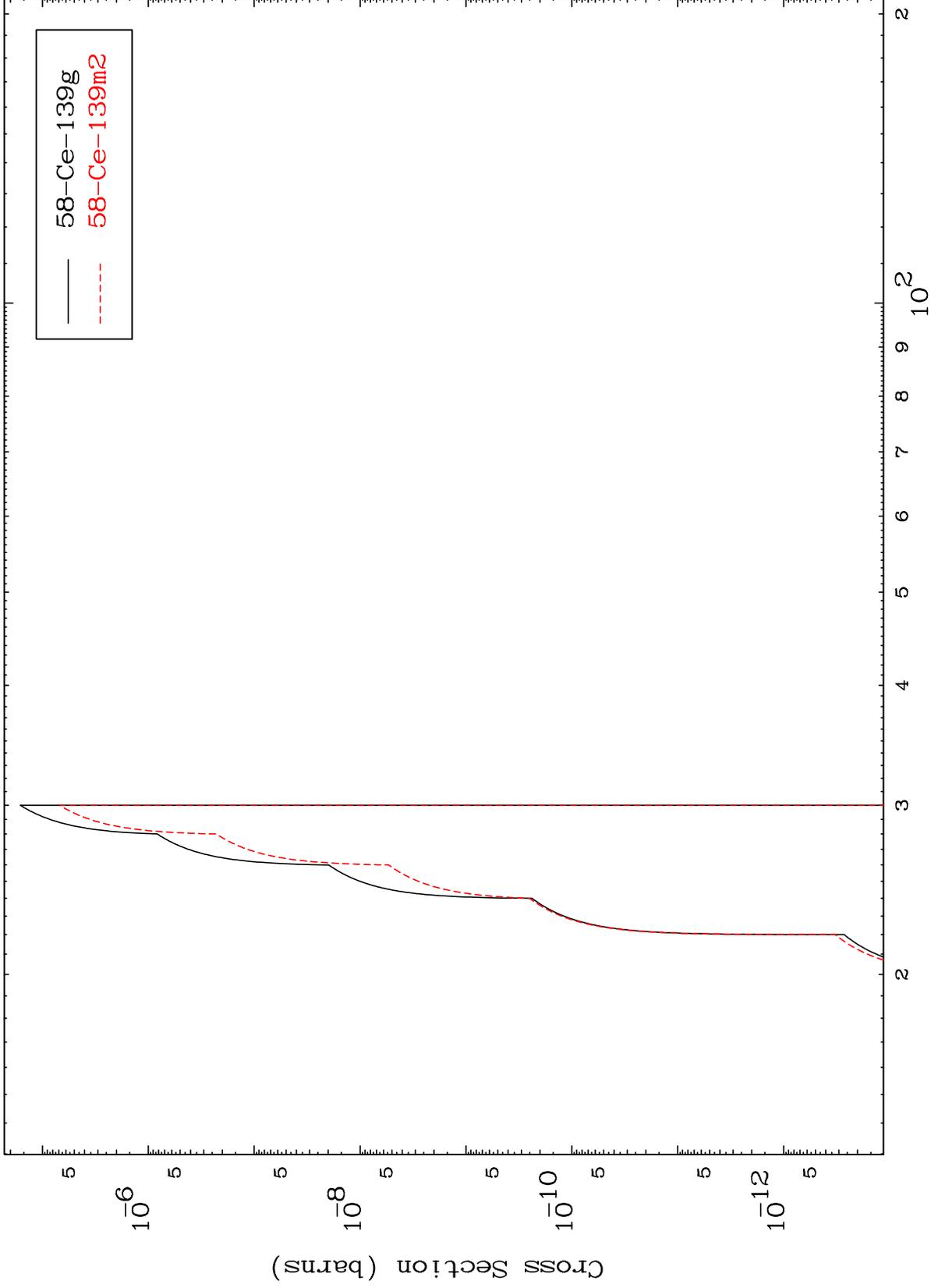
13

MAT 5831

(n,He-3)

58-Ce-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

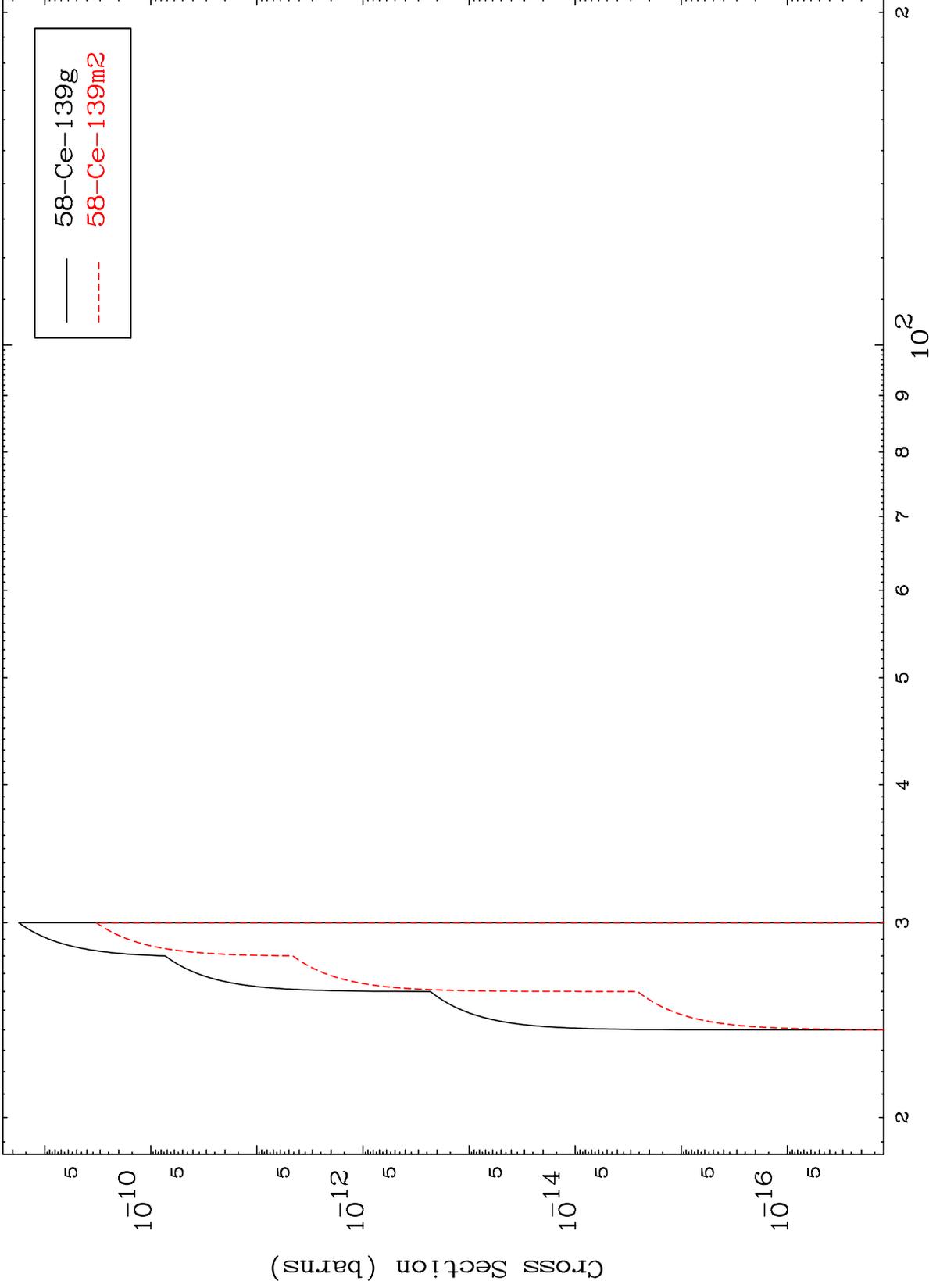
58-Ce-138

MAT 5831

(n,p) d

58-Ce-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-138