

Program EVALPLOT
(Version 2021-1)

by

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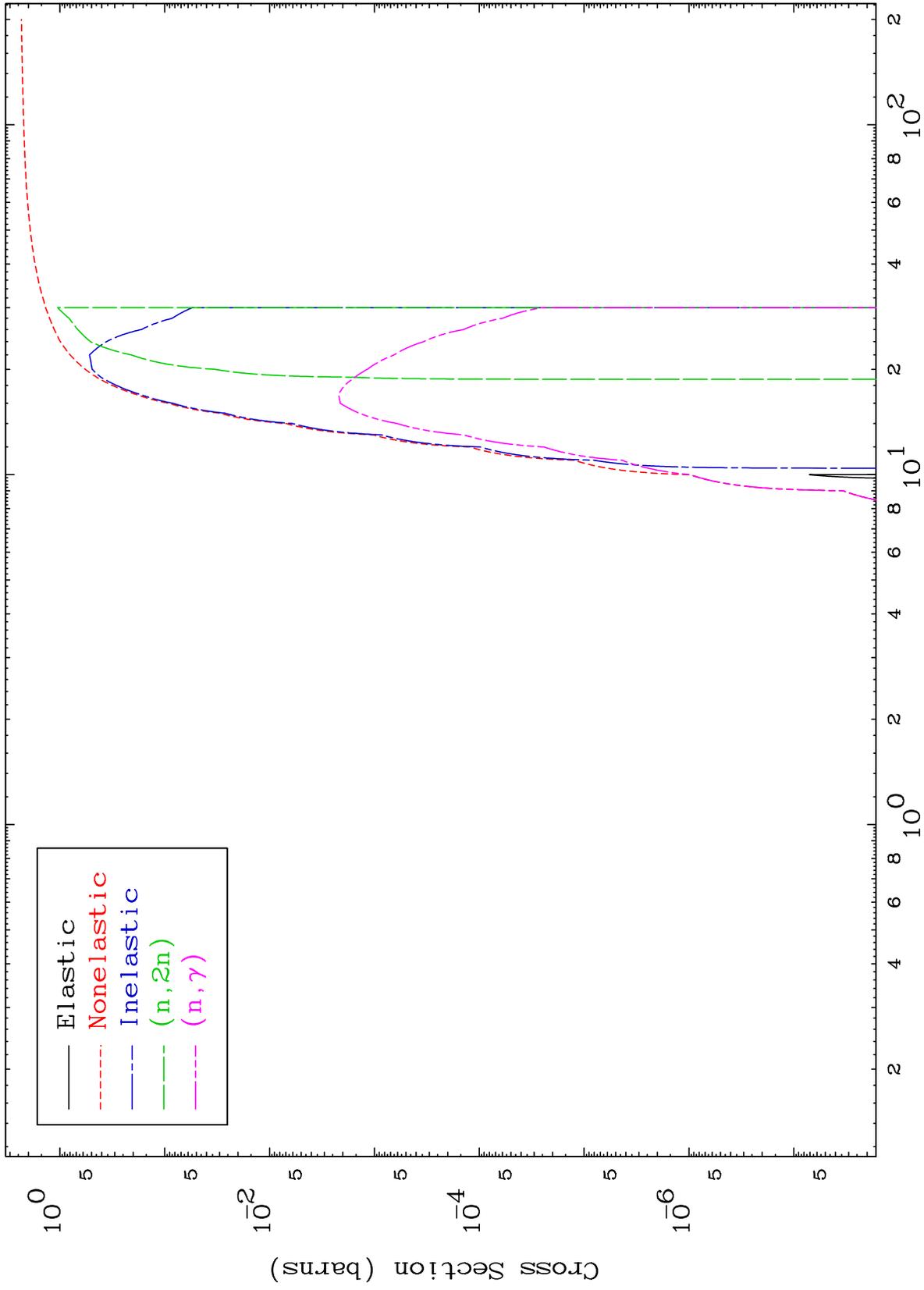
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5825

0 Kelvin α Major

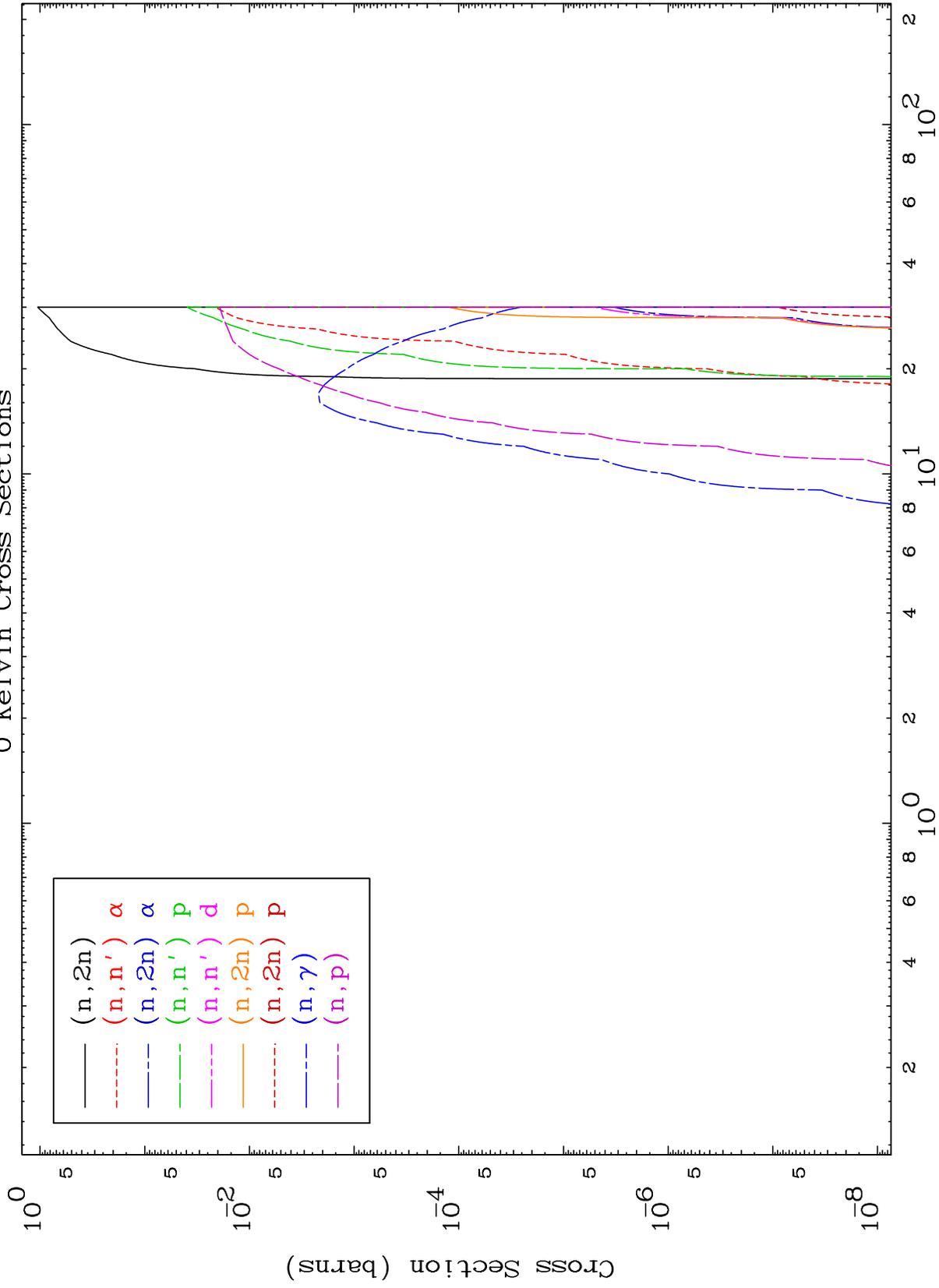
58-Ce-136



MAT 5825

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-136



2

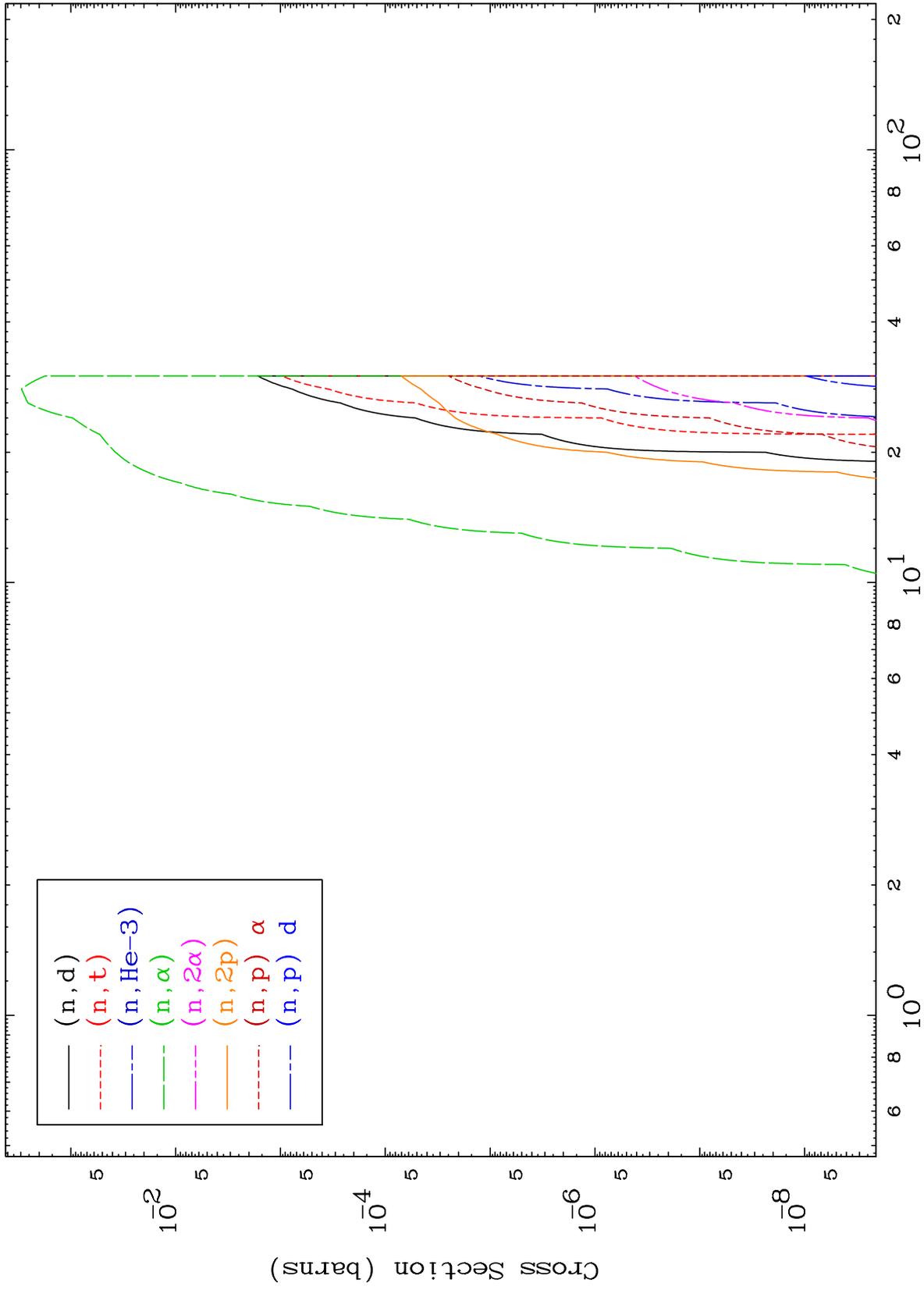
Incident Energy (MeV)

58-Ce-136

MAT 5825

α Neutron Absorption
0 Kelvin Cross Sections

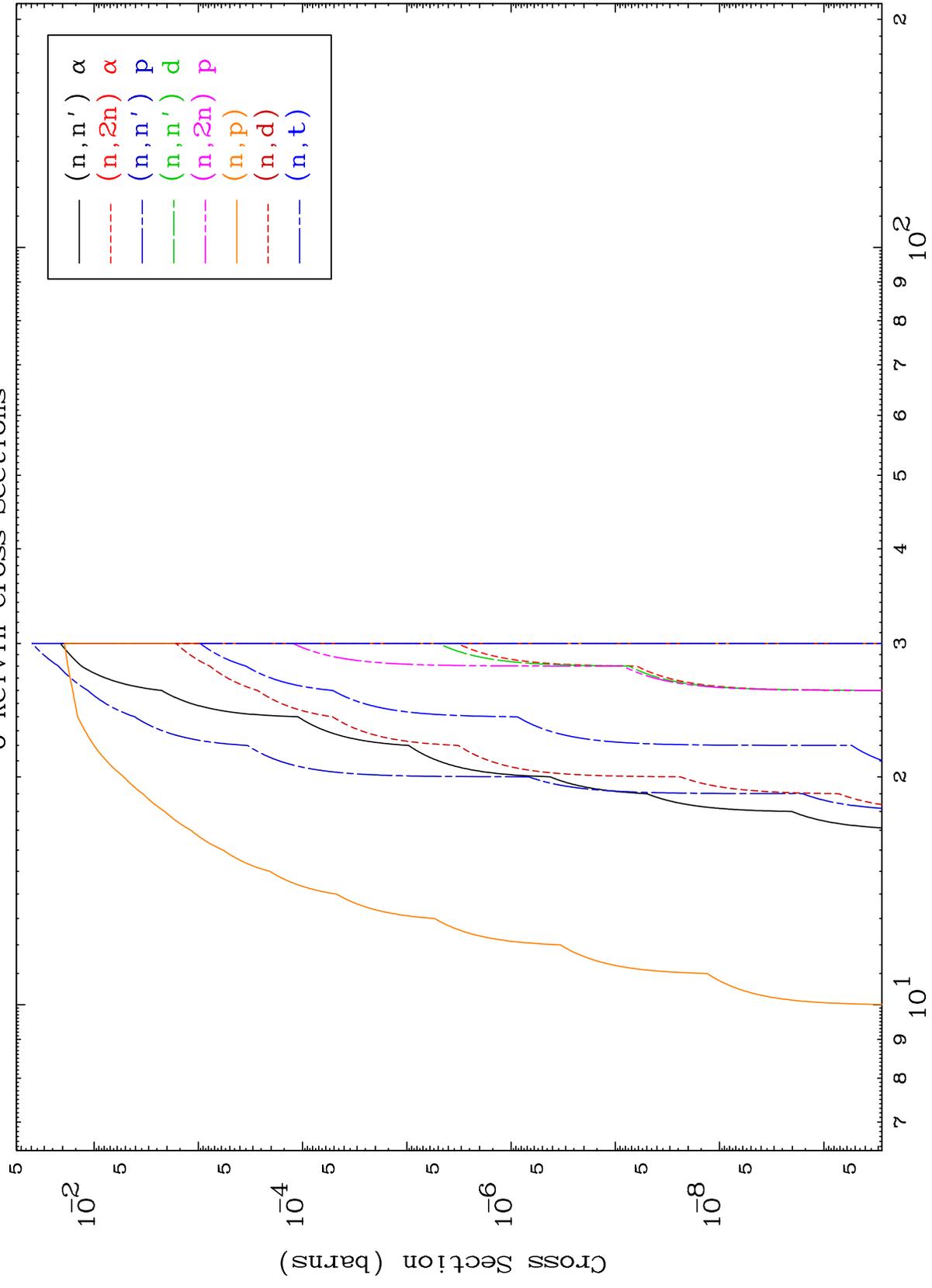
58-Ce-136



3

Incident Energy (MeV)

58-Ce-136

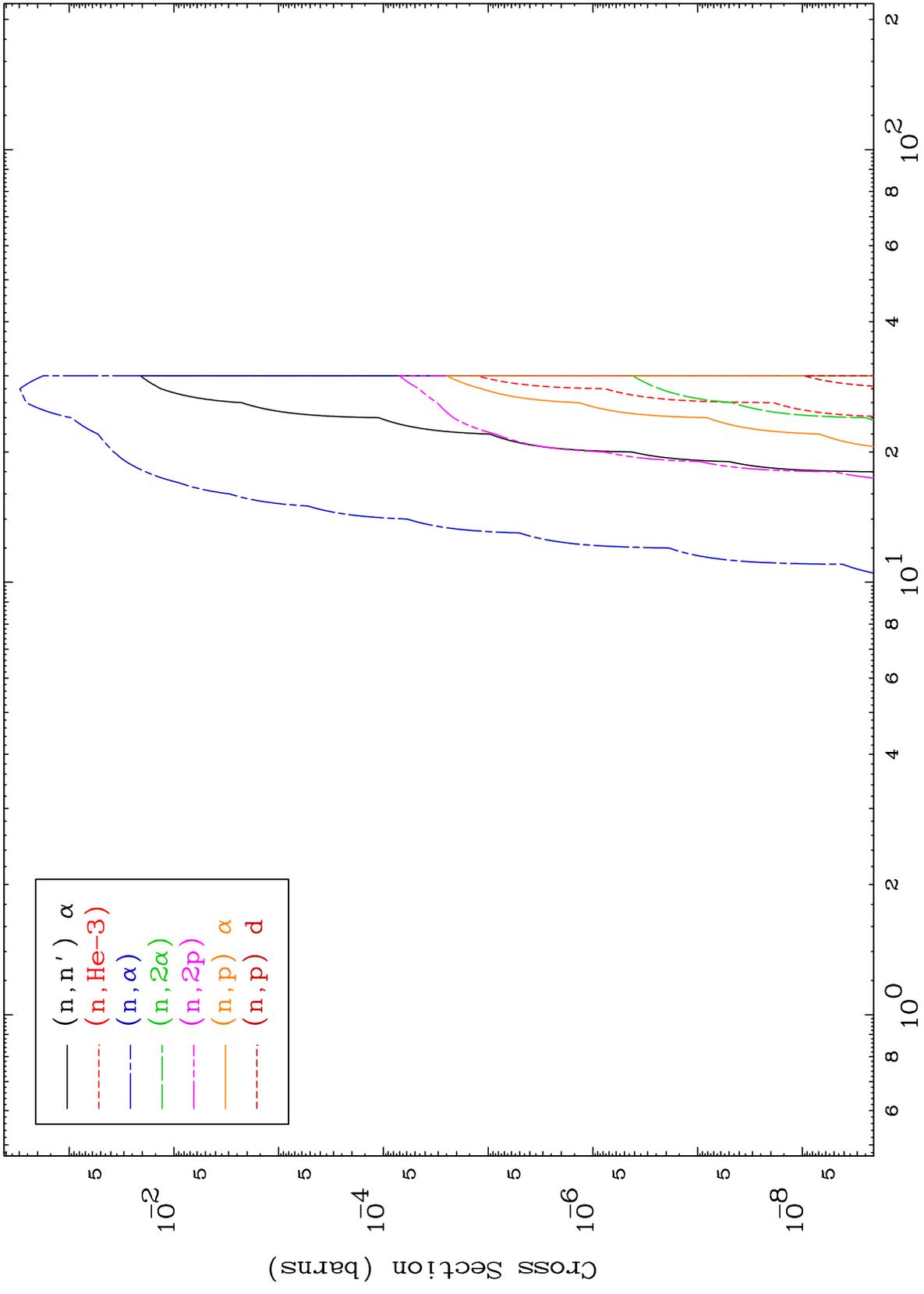


MAT 5825

α Charged Particle

58-Ce-136

0 Kelvin Cross Sections

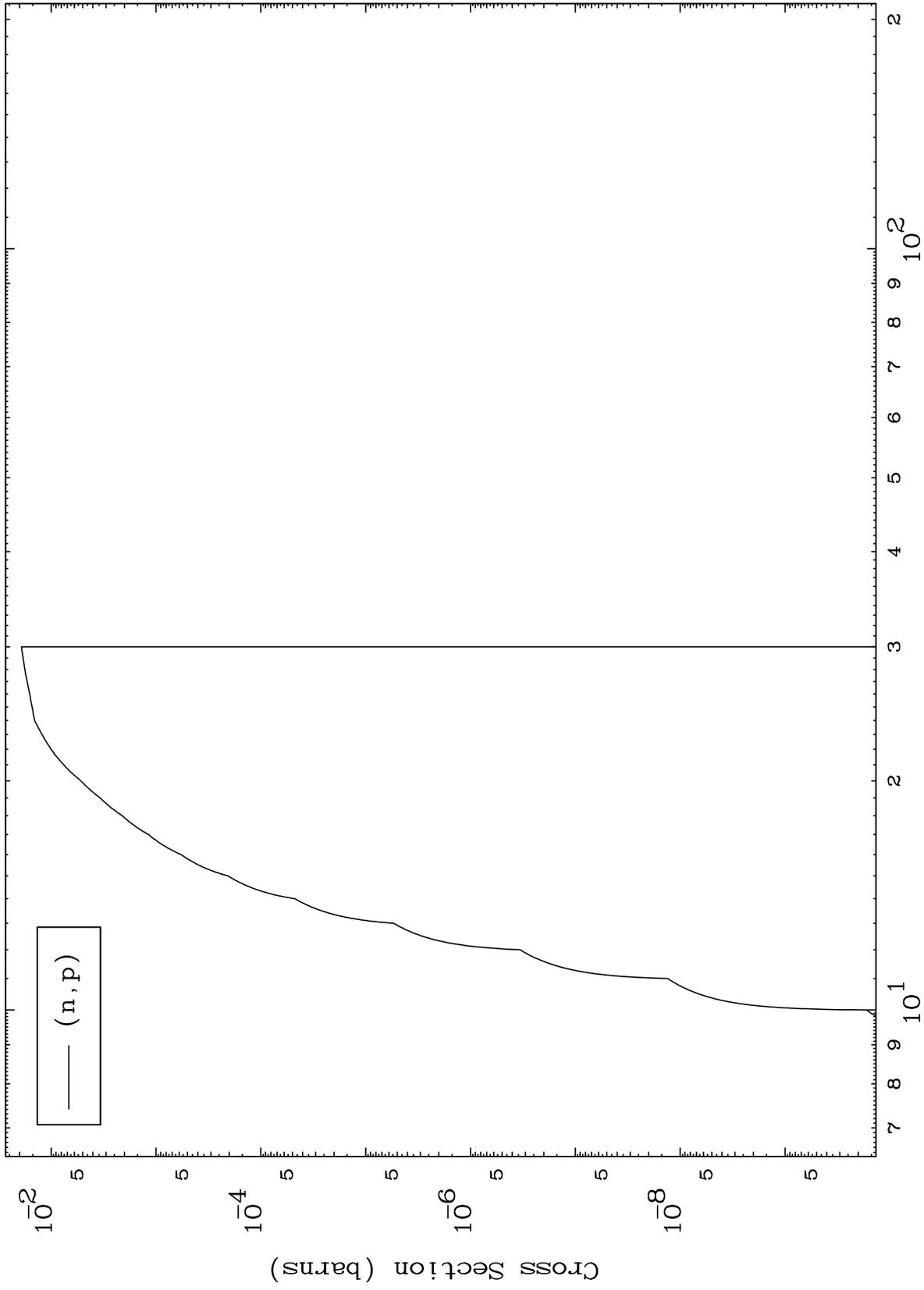


5

MAT 5825

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-136



6

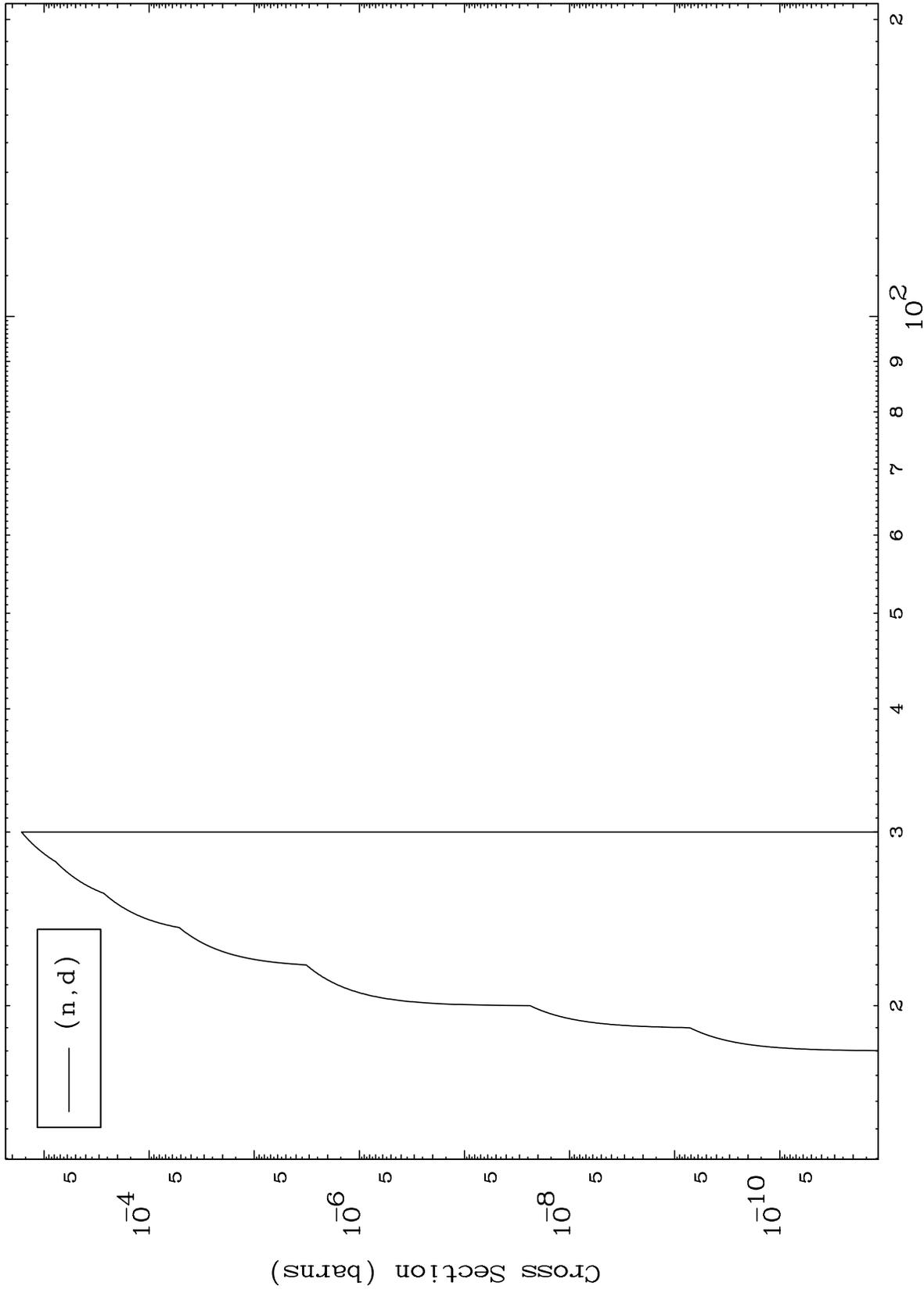
Incident Energy (MeV)

58-Ce-136

MAT 5825

(α, d) Levels
0 Kelvin Cross Sections

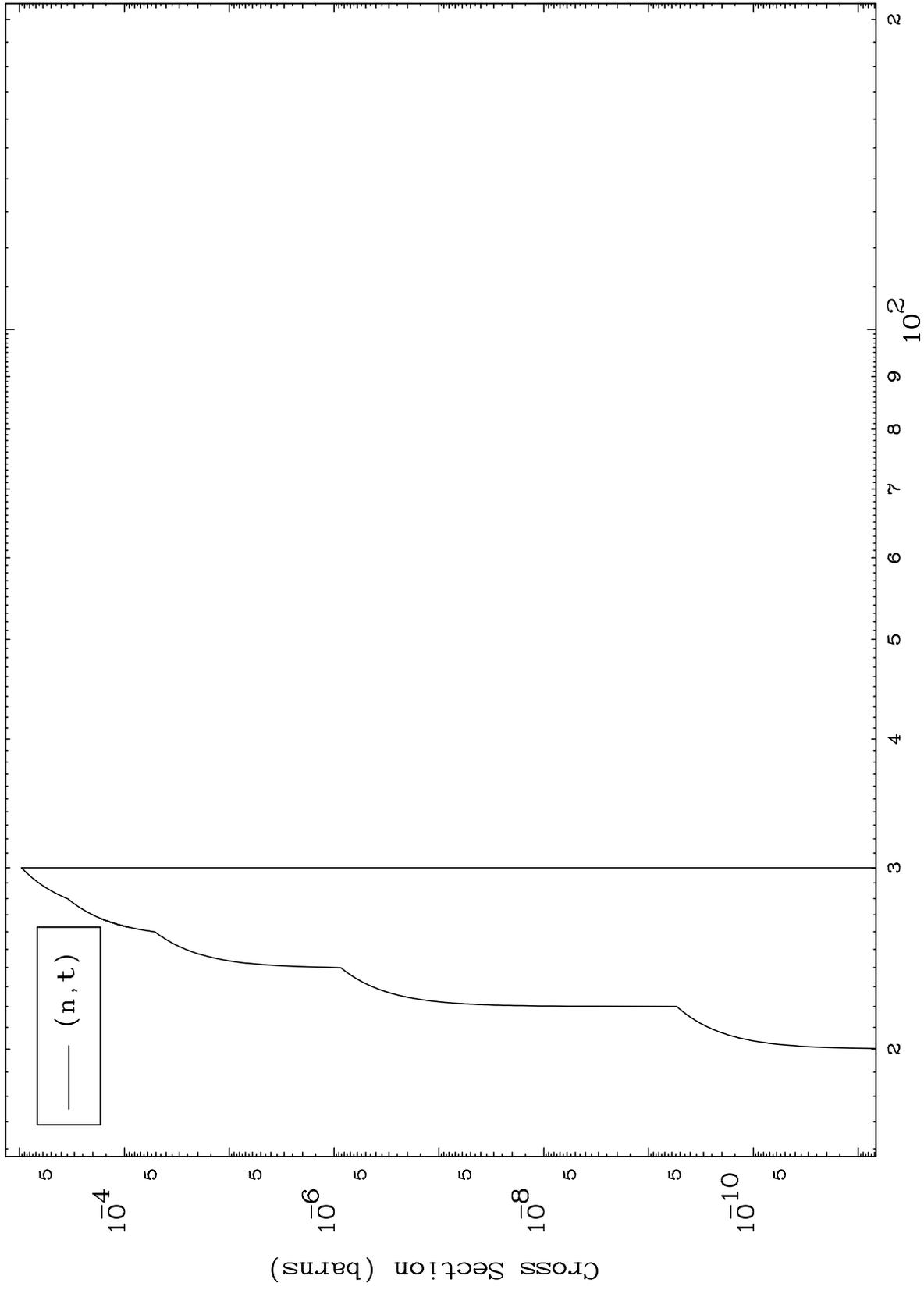
58-Ce-136

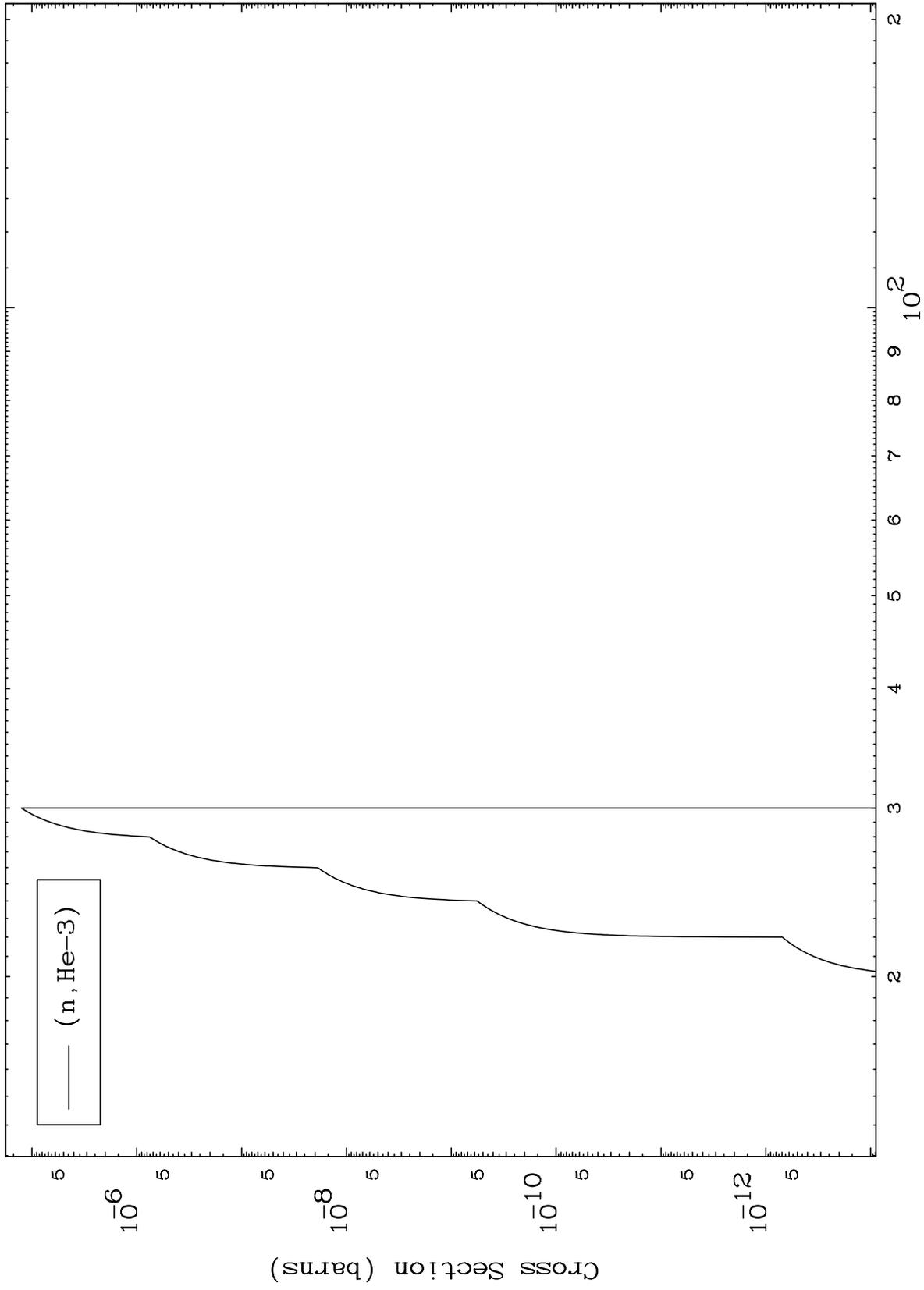


7

Incident Energy (MeV)

58-Ce-136

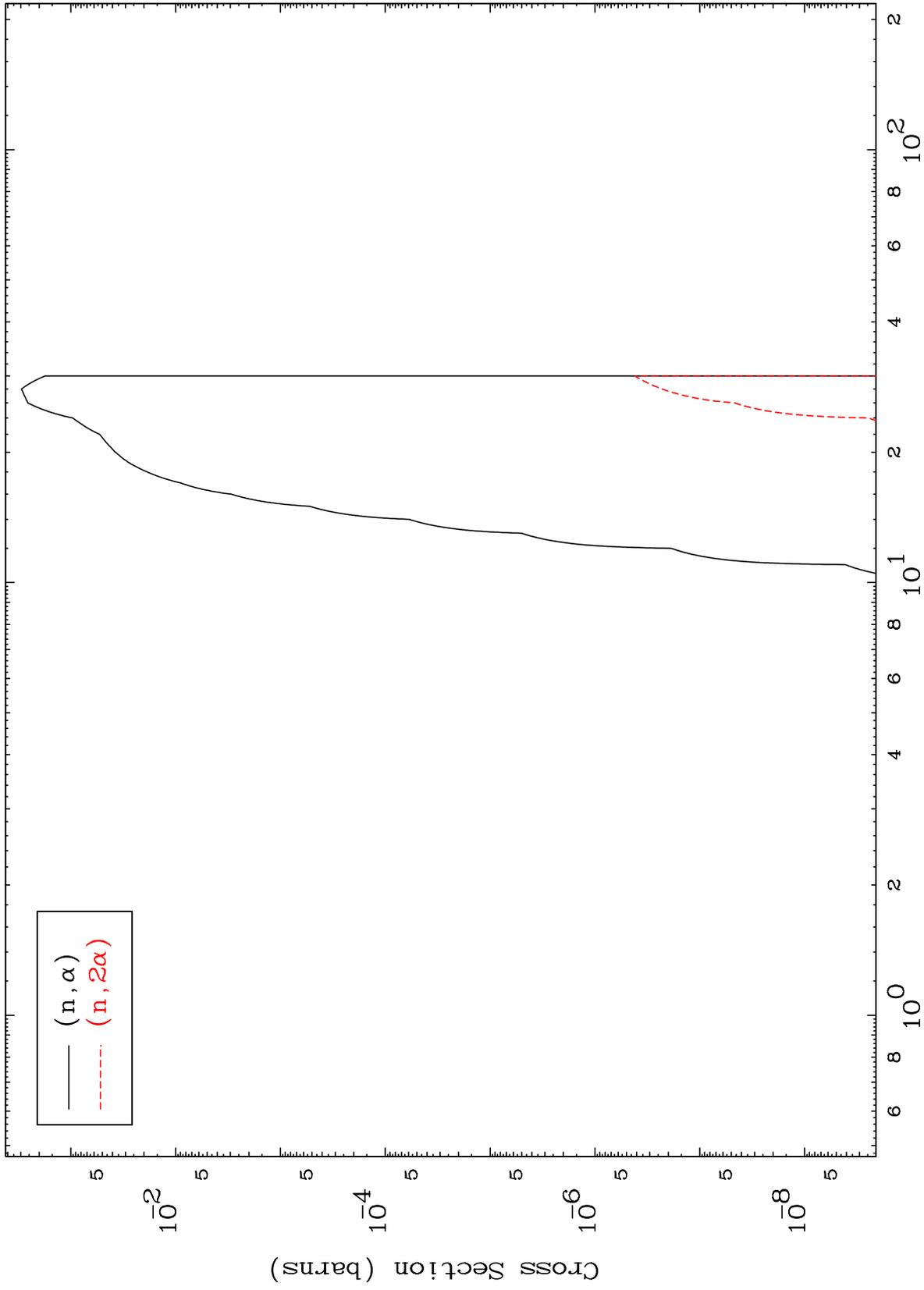


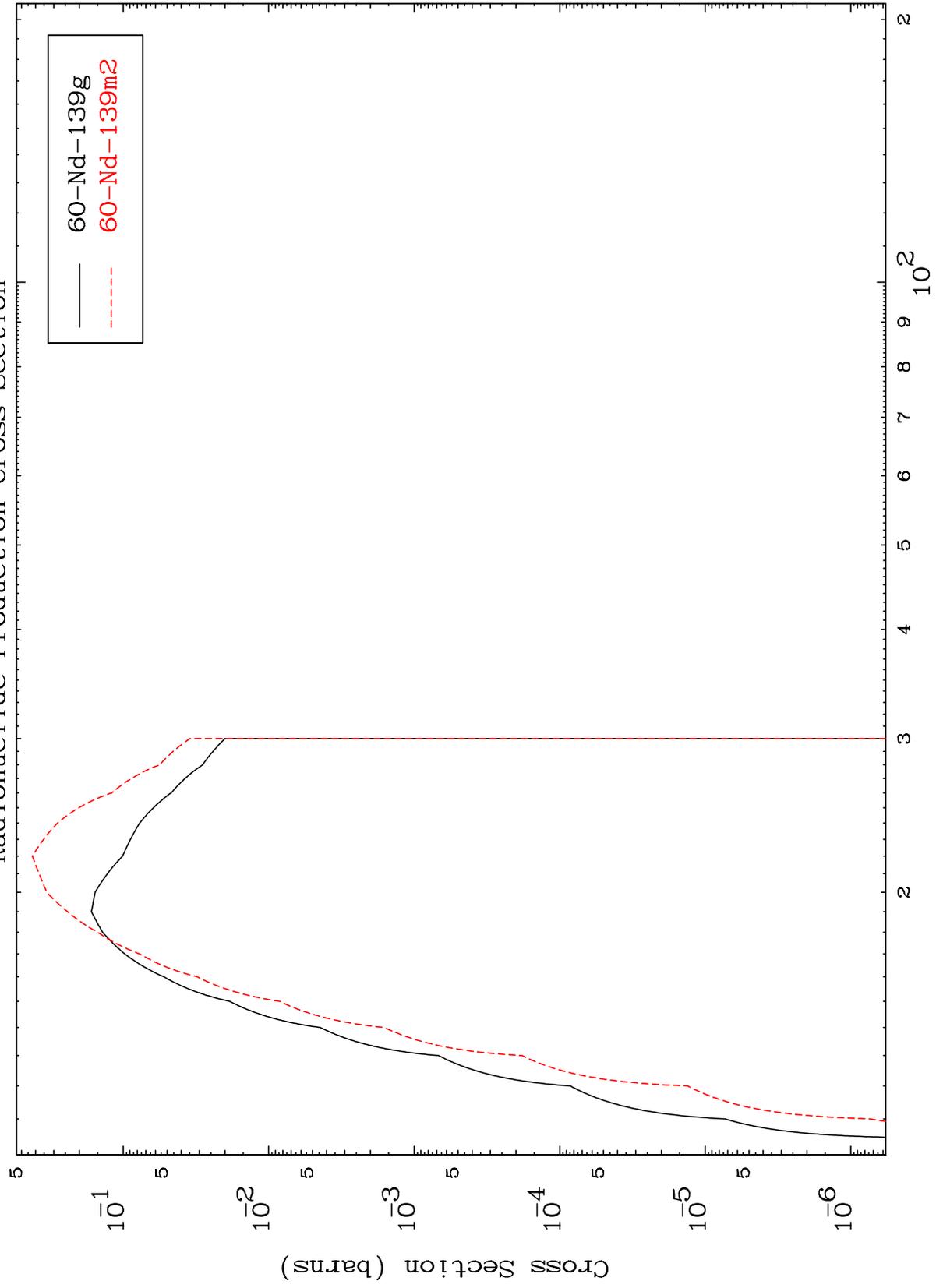


MAT 5825

0 Kelvin Cross Sections
(α, α) Levels

58-Ce-136



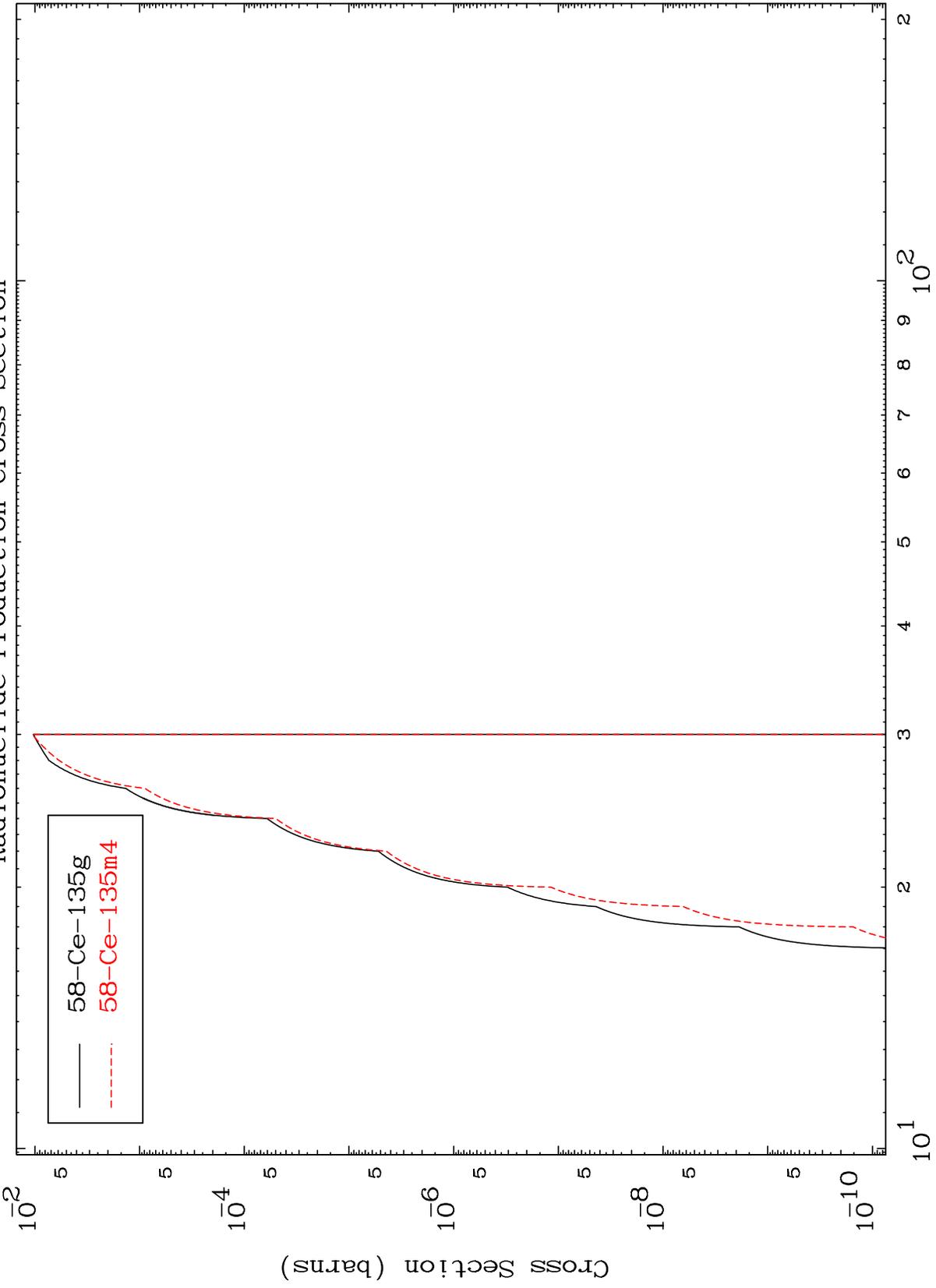


MAT 5825

(n,n') α

58-Ce-136

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

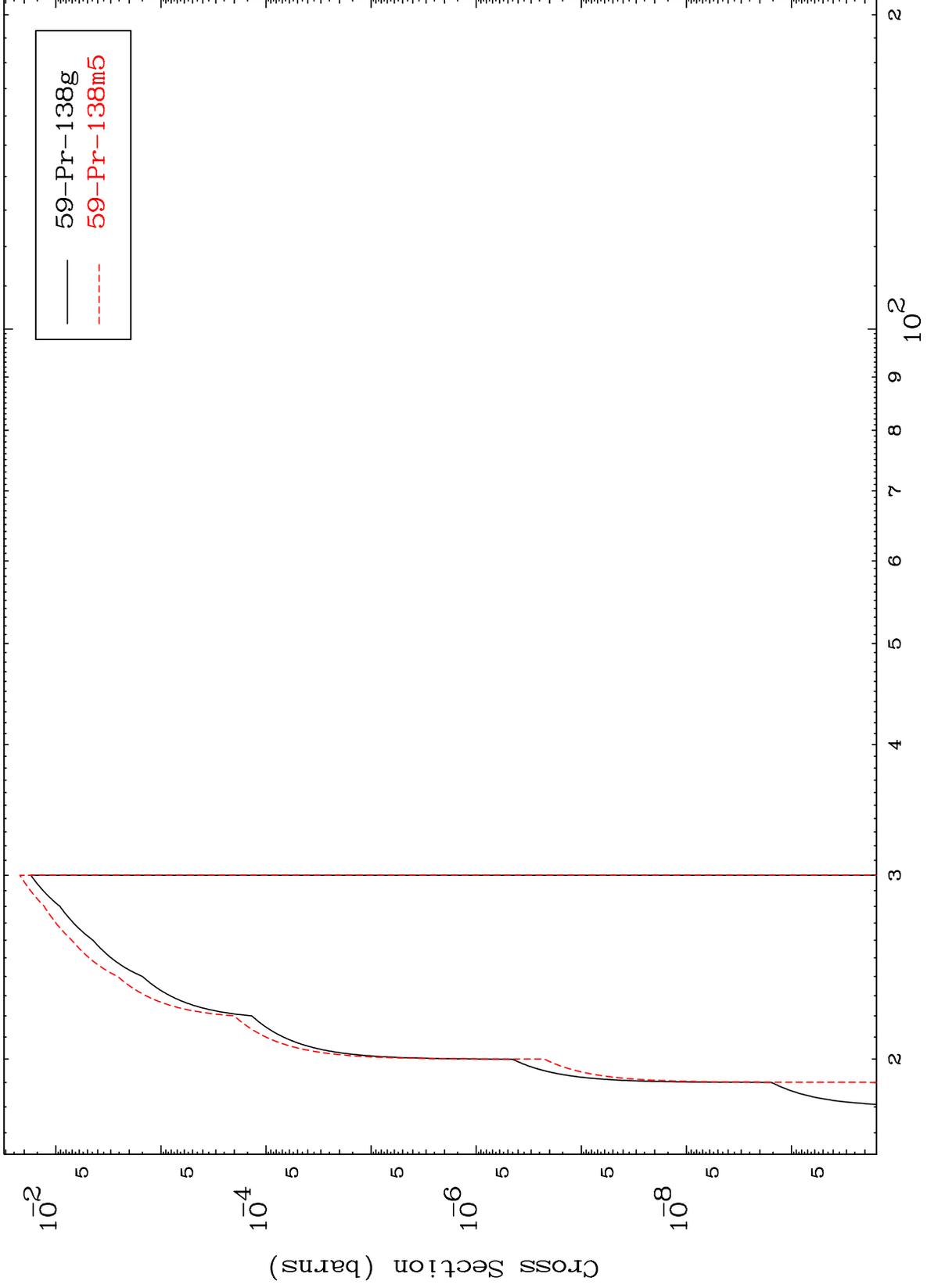
58-Ce-136

MAT 5825

(n,n') p

58-Ce-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

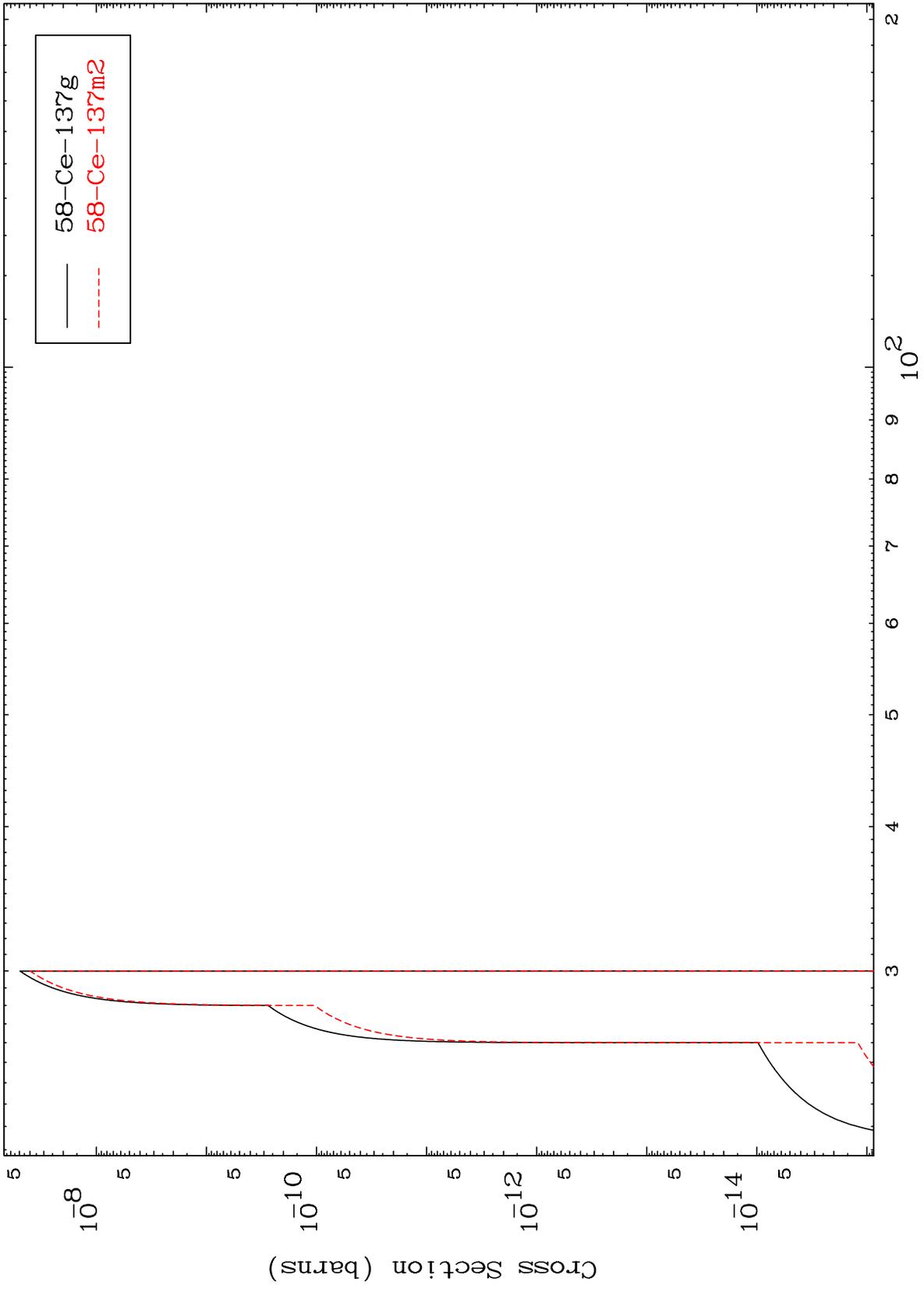
58-Ce-136

MAT 5825

(n,2n) p

58-Ce-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

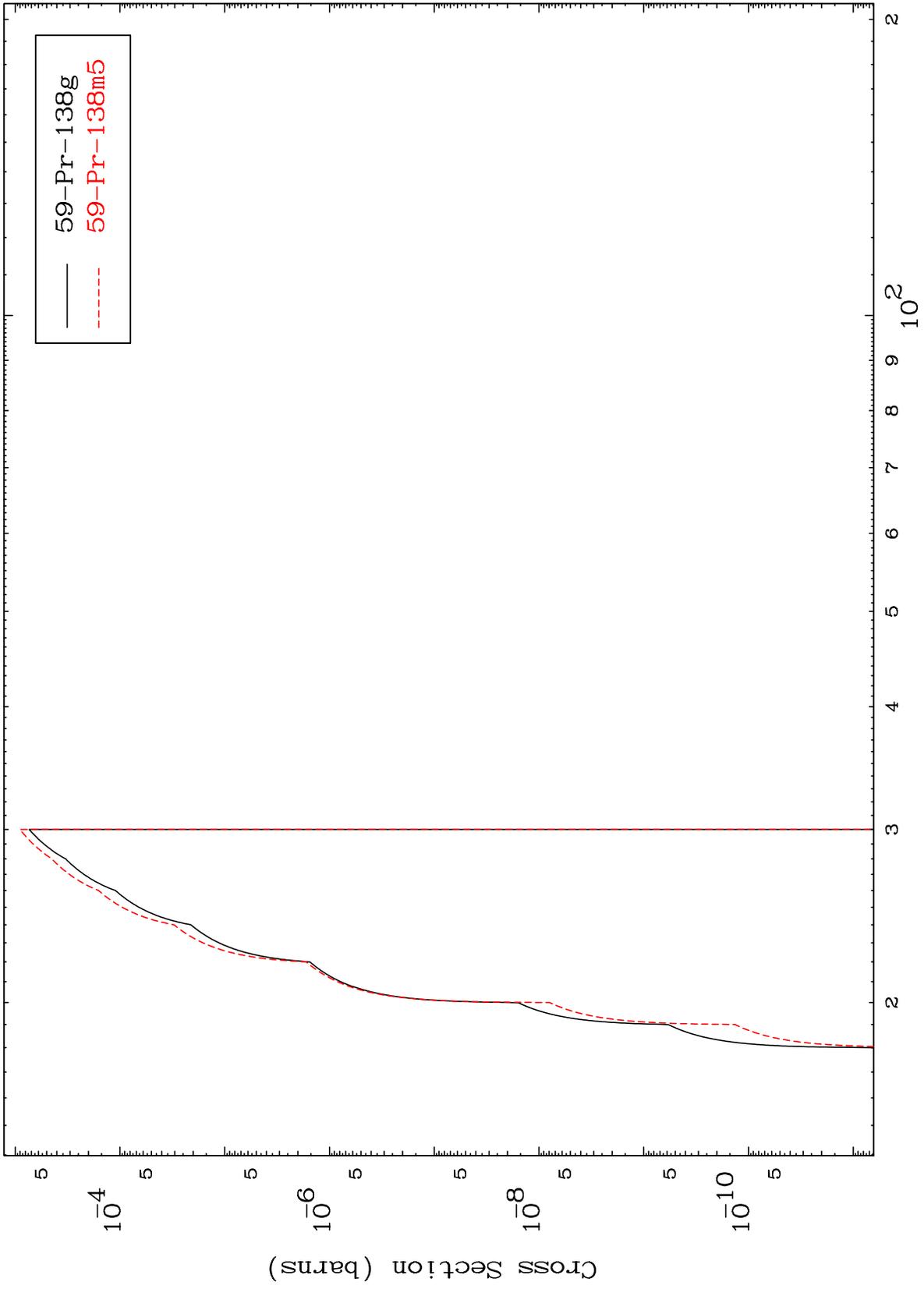
58-Ce-136

MAT 5825

(n,d)

58-Ce-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

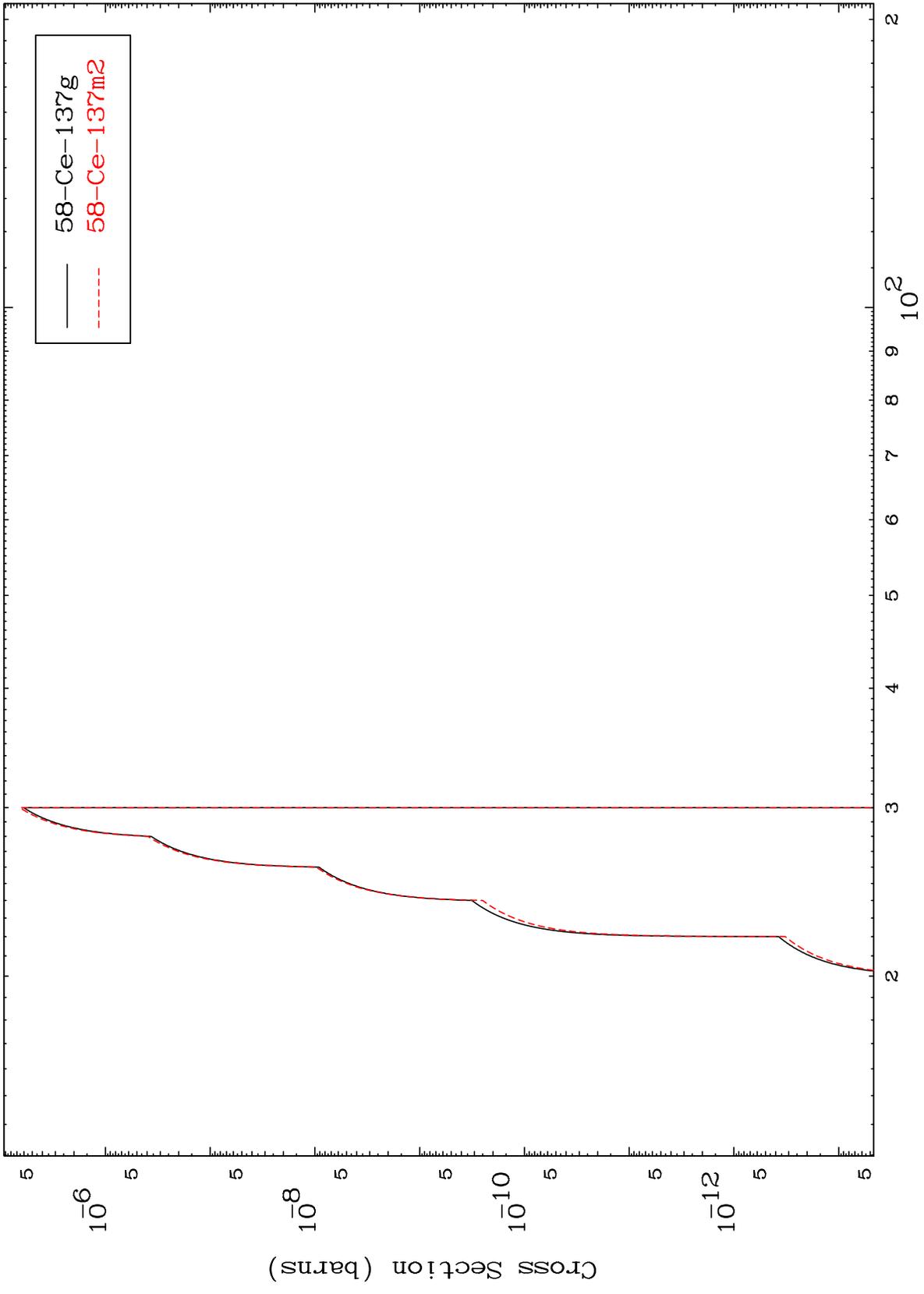
58-Ce-136

MAT 5825

(n, He-3)

58-Ce-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

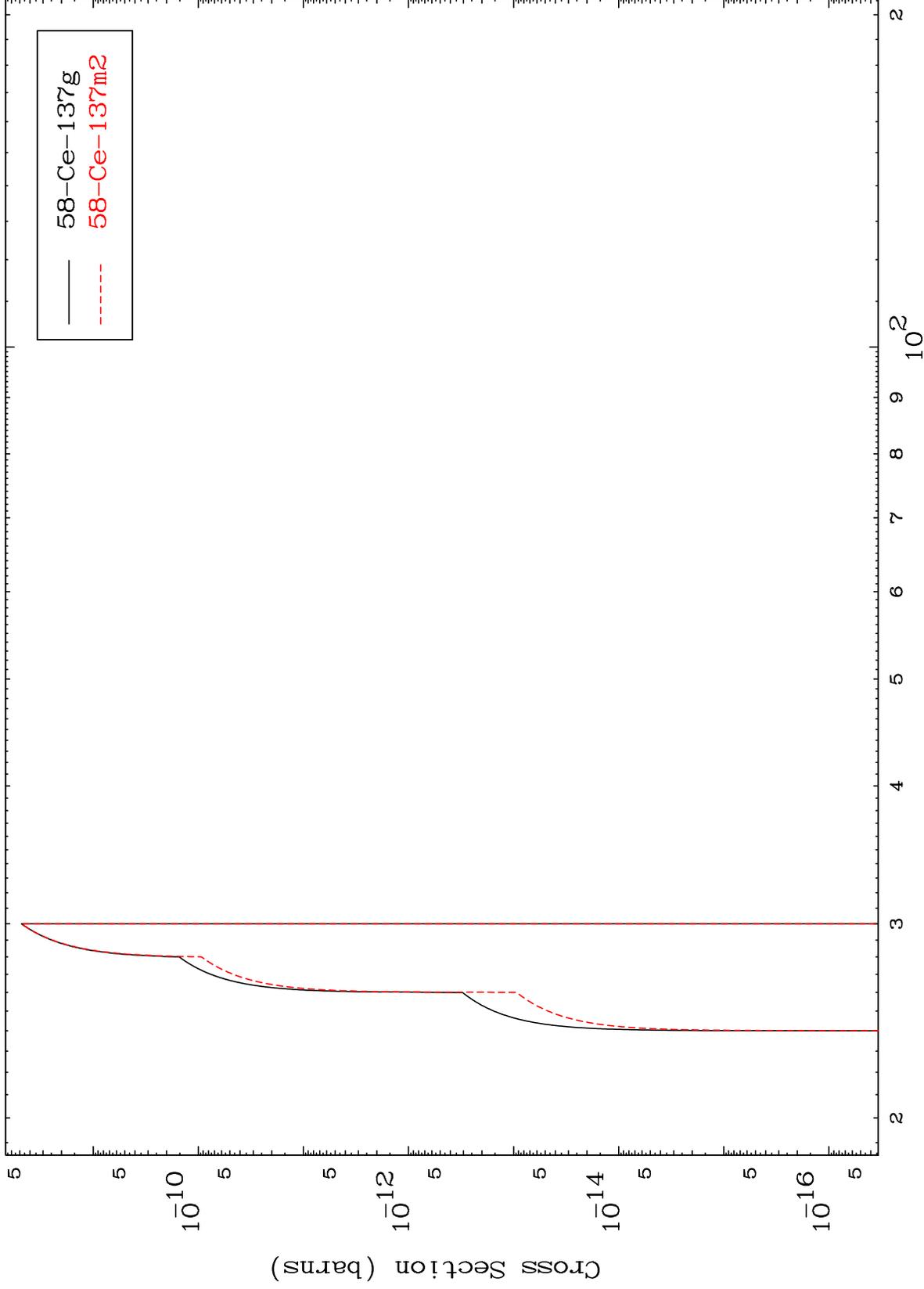
58-Ce-136

MAT 5825

(n,p) d

58-Ce-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

58-Ce-136