

Program EVALPLOT
(Version 2018-1)

by

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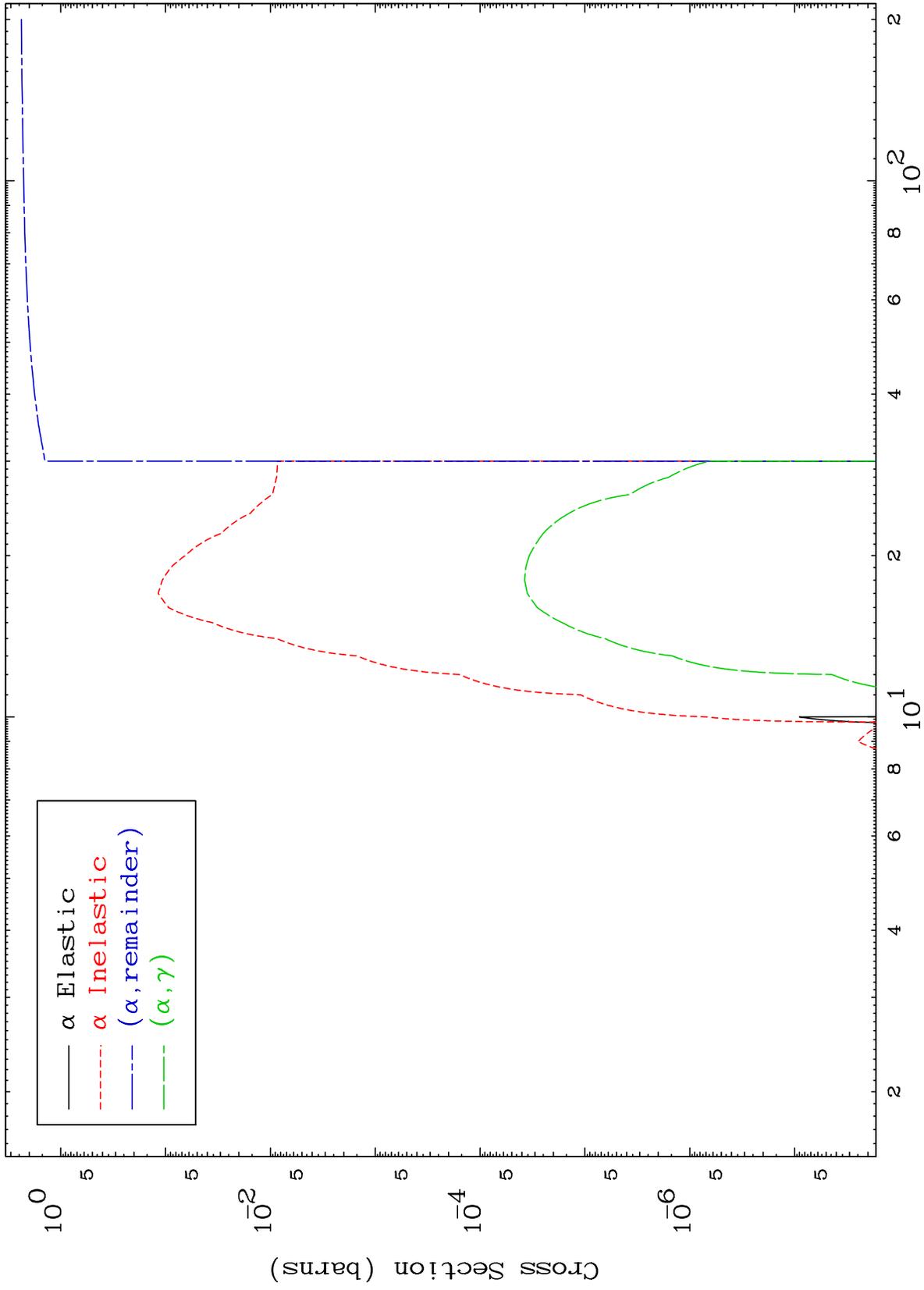
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5840

0 Kelvin α Major
Cross Sections

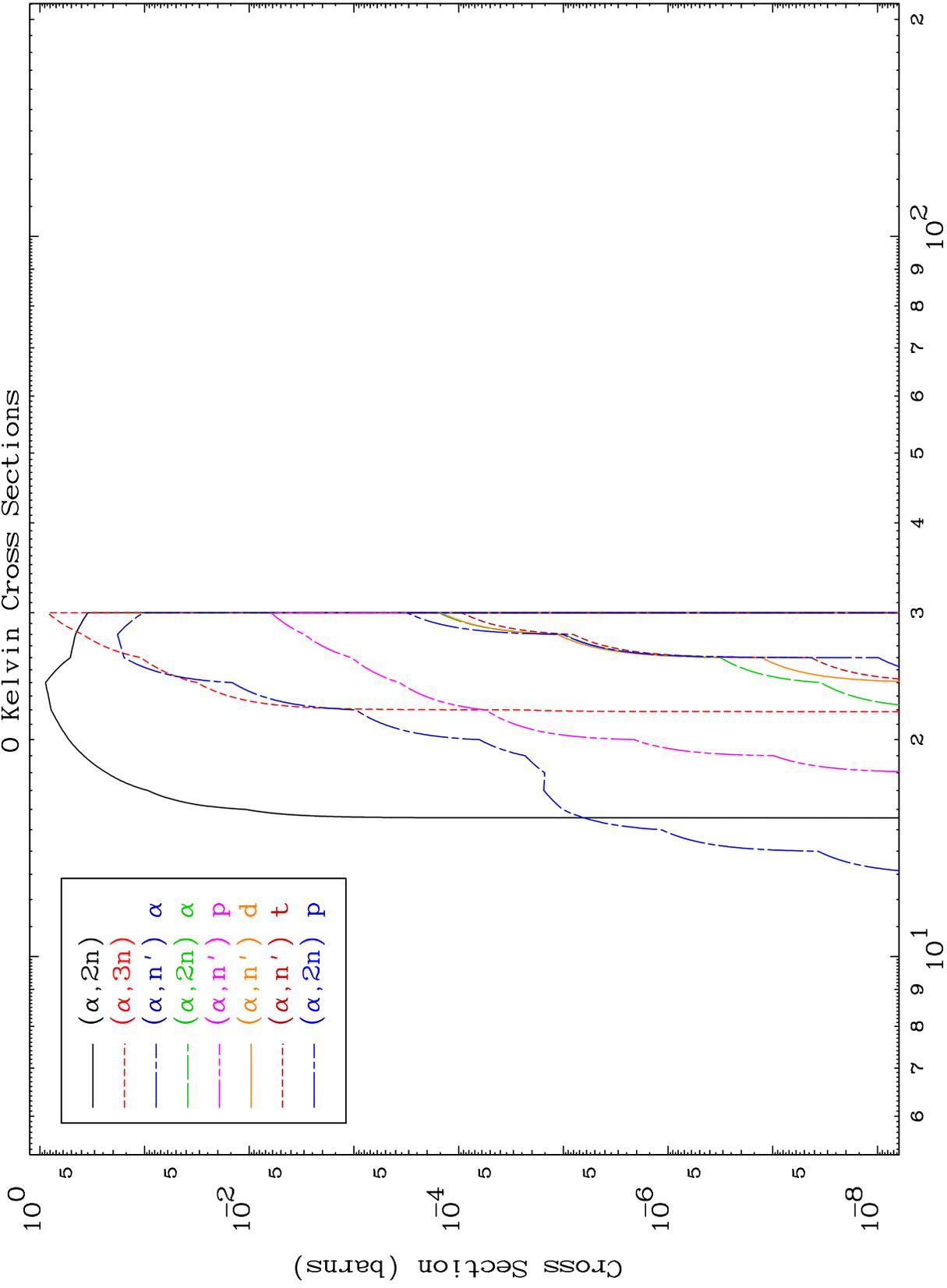
58-Ce-141



MAT 5840

α Neutron Production
0 Kelvin Cross Sections

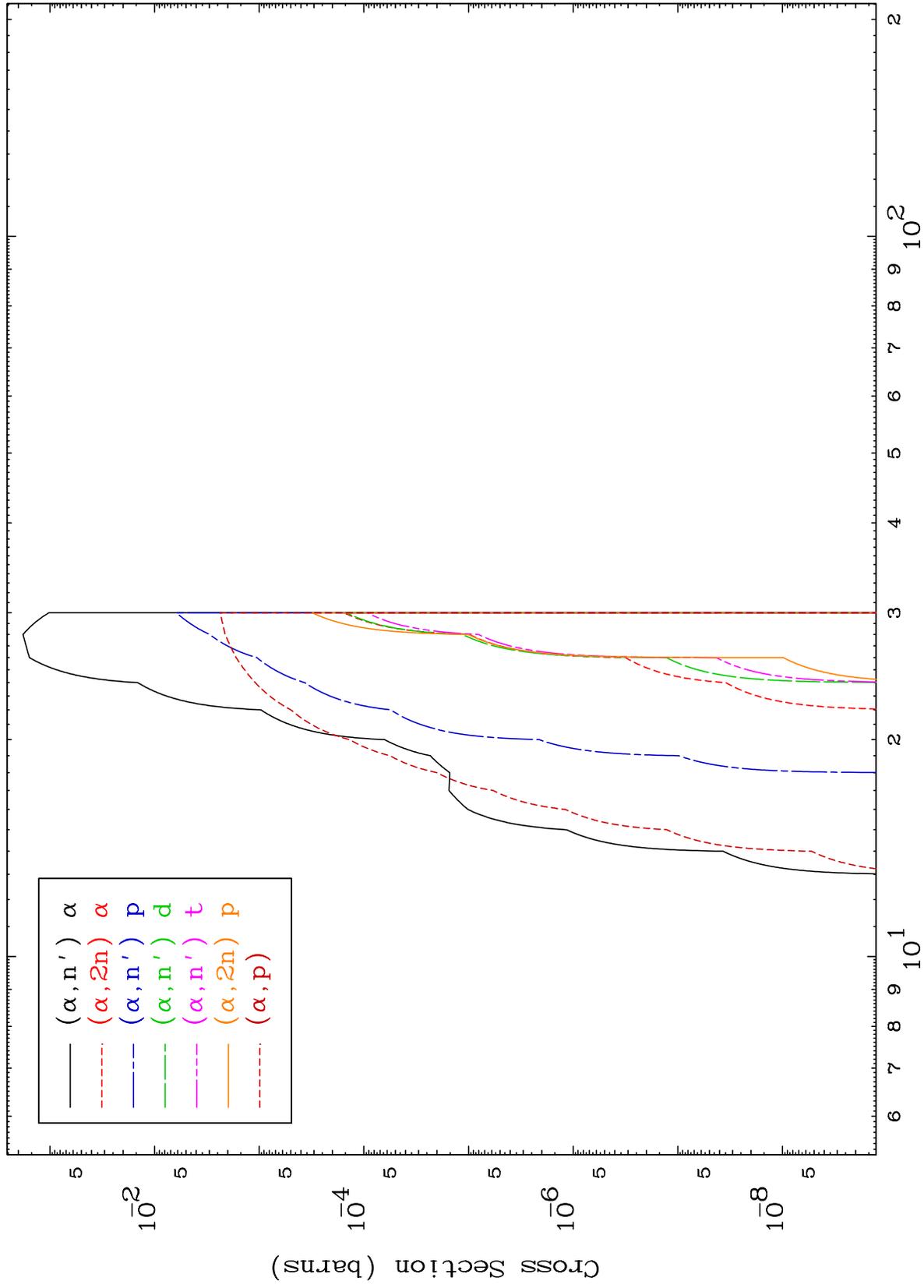
58-Ce-141



2

Incident Energy (MeV)

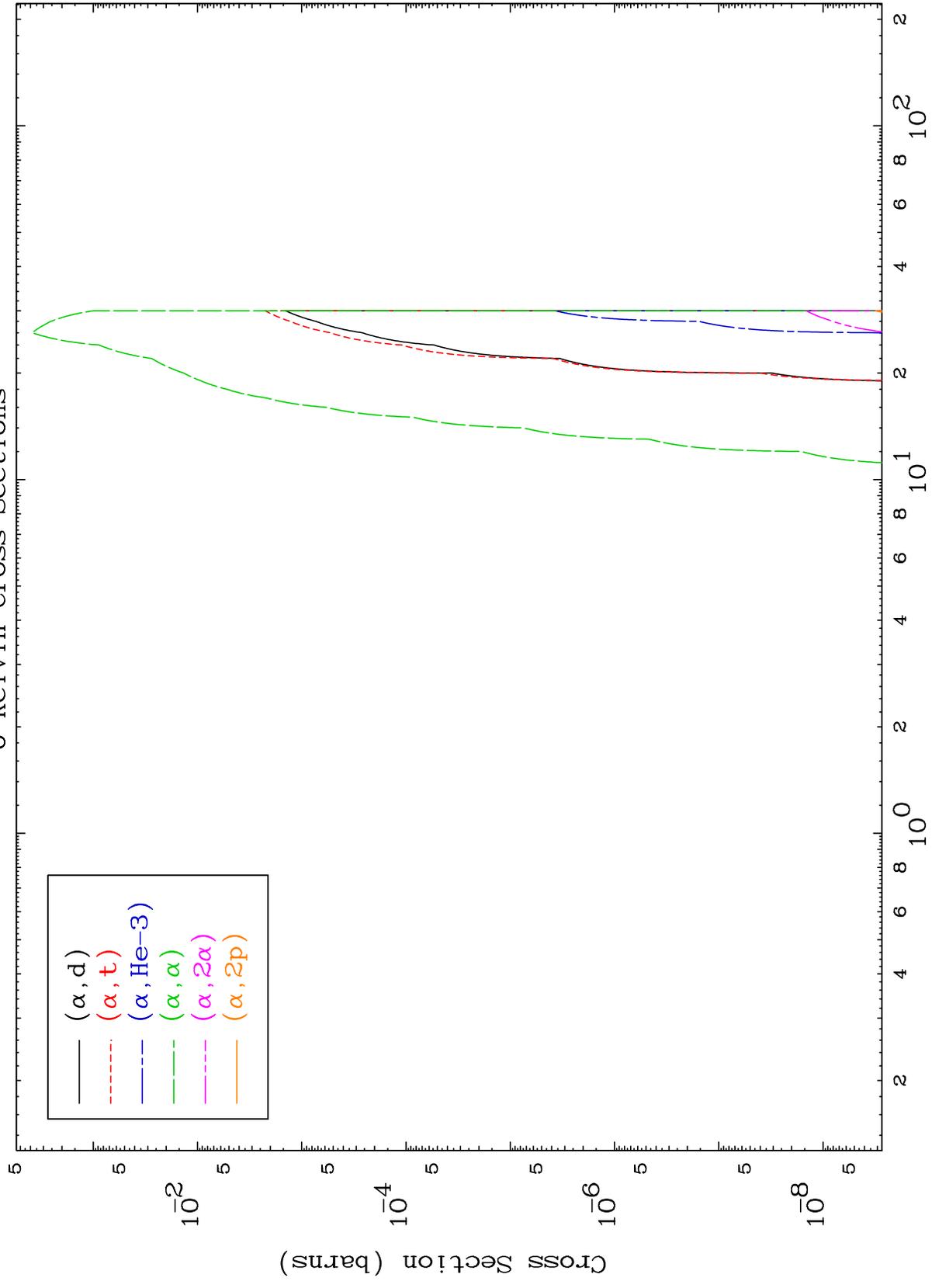
58-Ce-141



MAT 5840

α Charged Particle
0 Kelvin Cross Sections

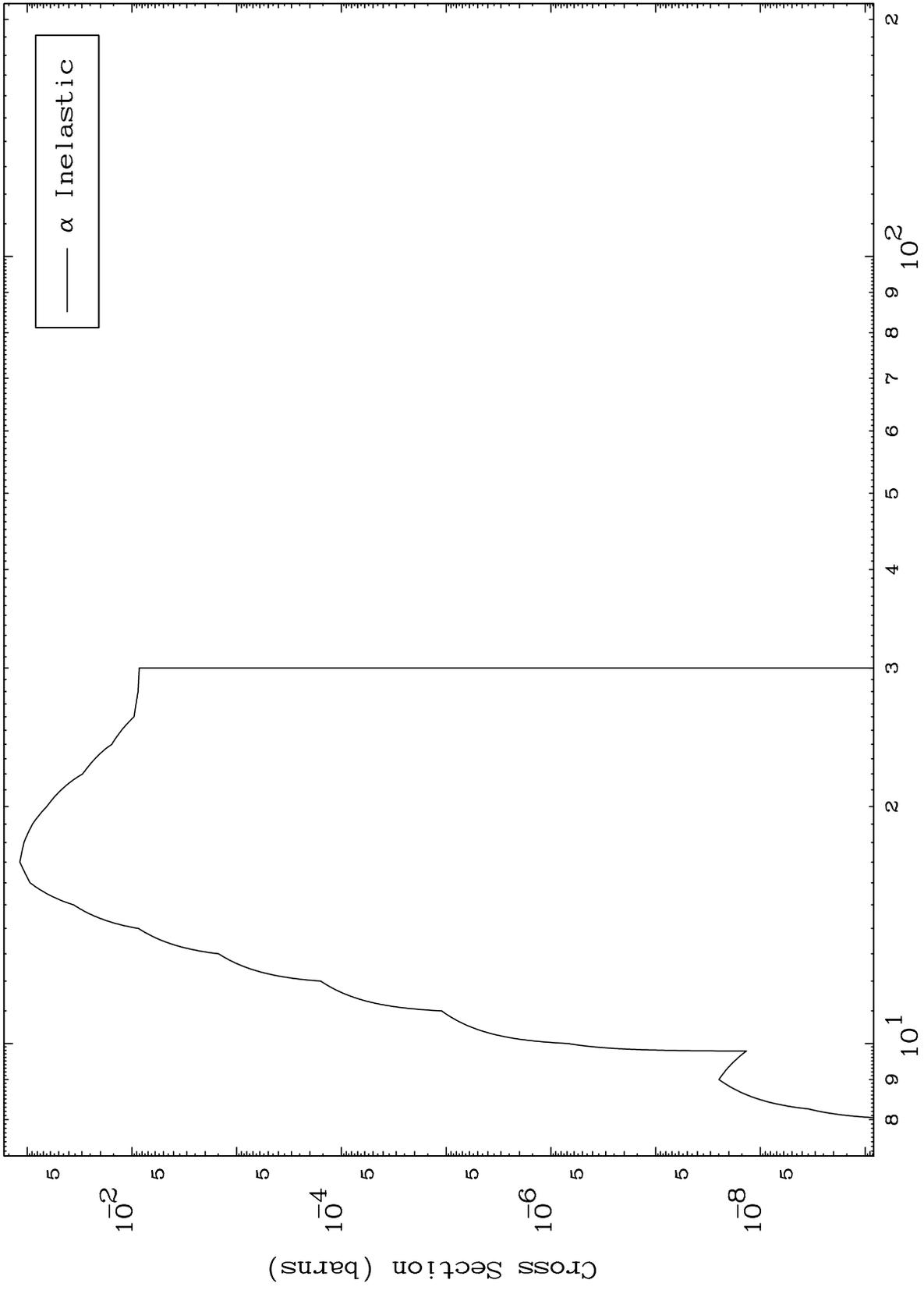
58-Ce-141



MAT 5840

(α, n') Level
0 Kelvin Cross Sections

58-Ce-141



5

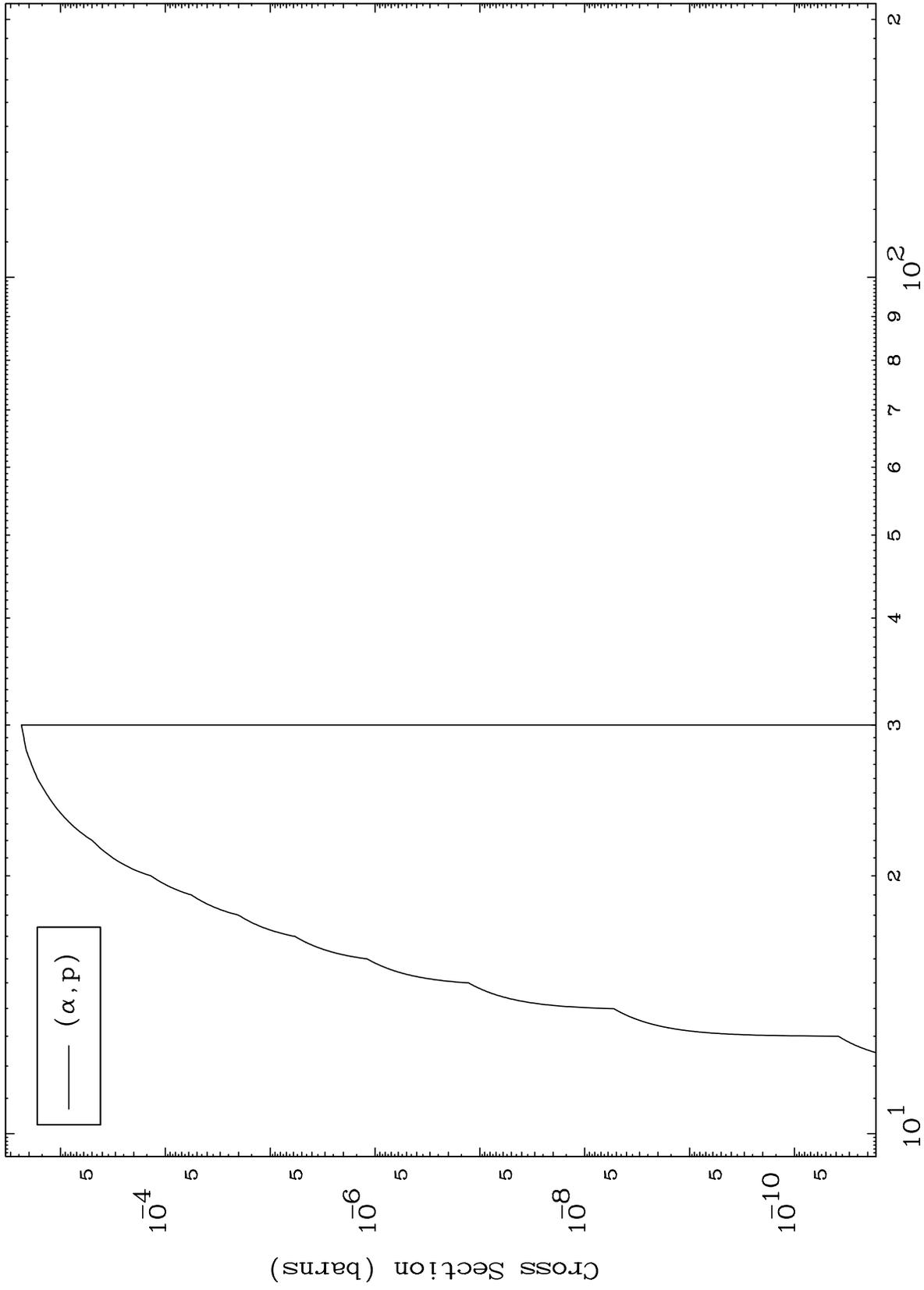
Incident Energy (MeV)

58-Ce-141

MAT 5840

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-141



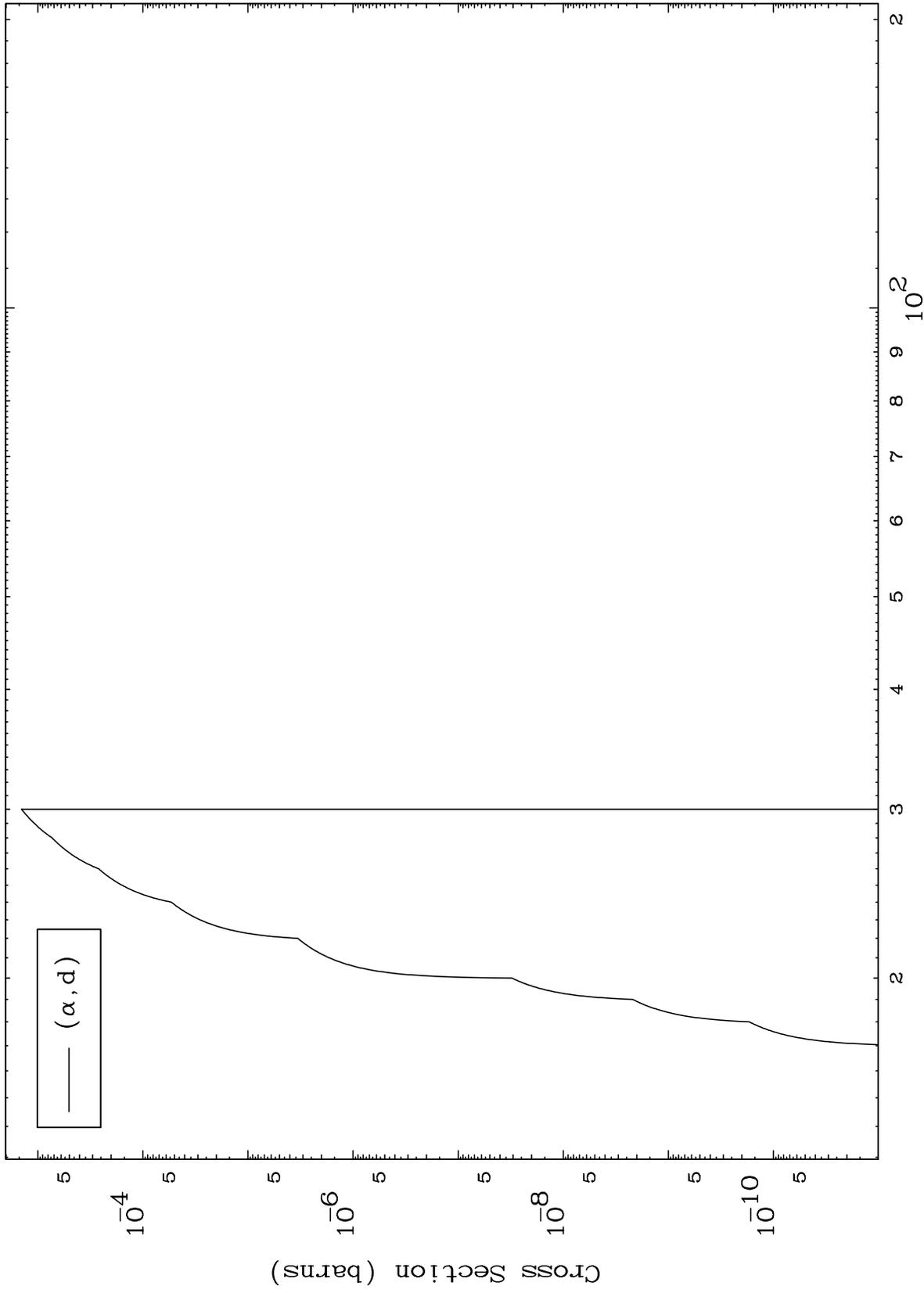
Incident Energy (MeV)

58-Ce-141

MAT 5840

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-141



7

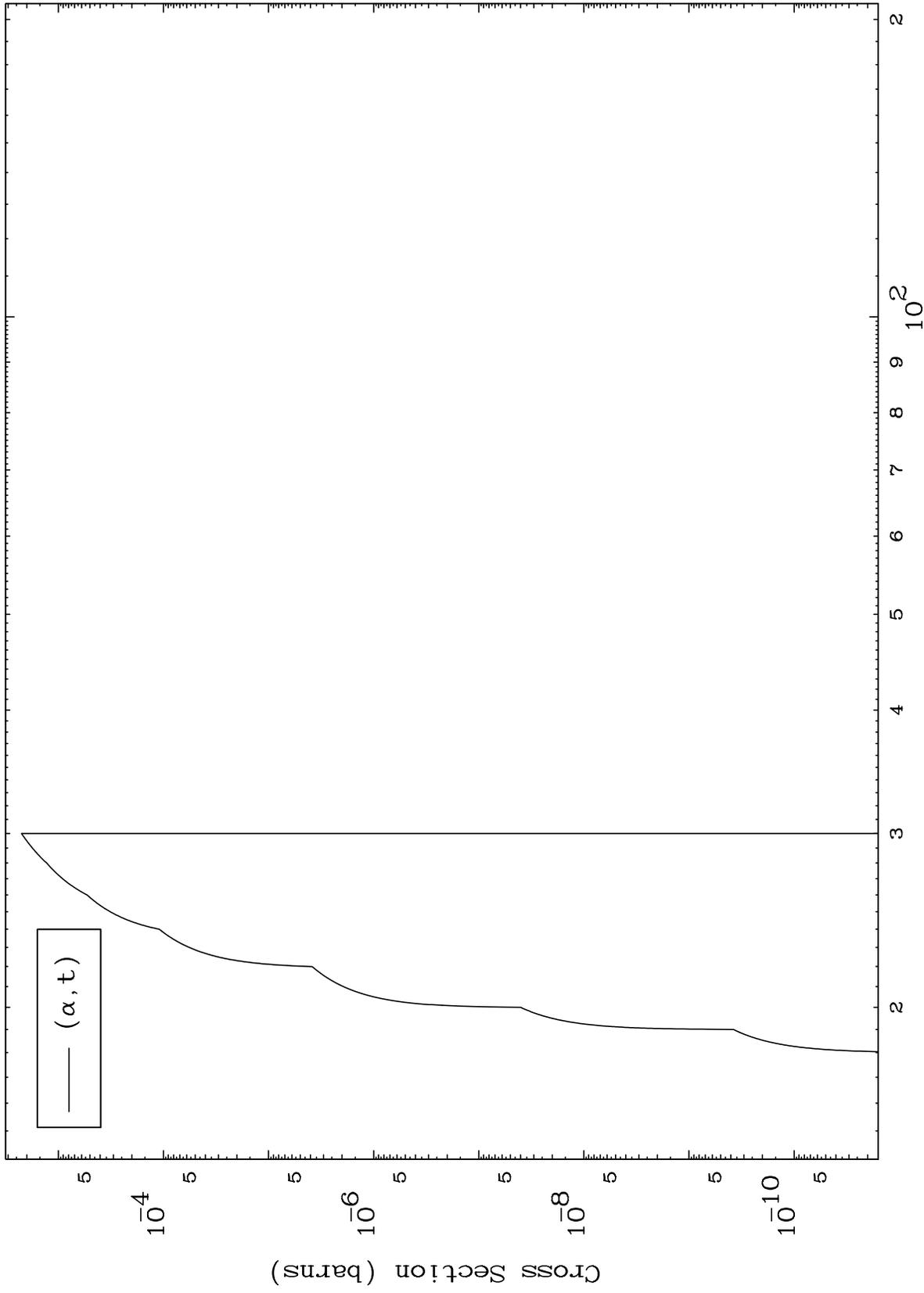
Incident Energy (MeV)

58-Ce-141

MAT 5840

(α, t) Levels
0 Kelvin Cross Sections

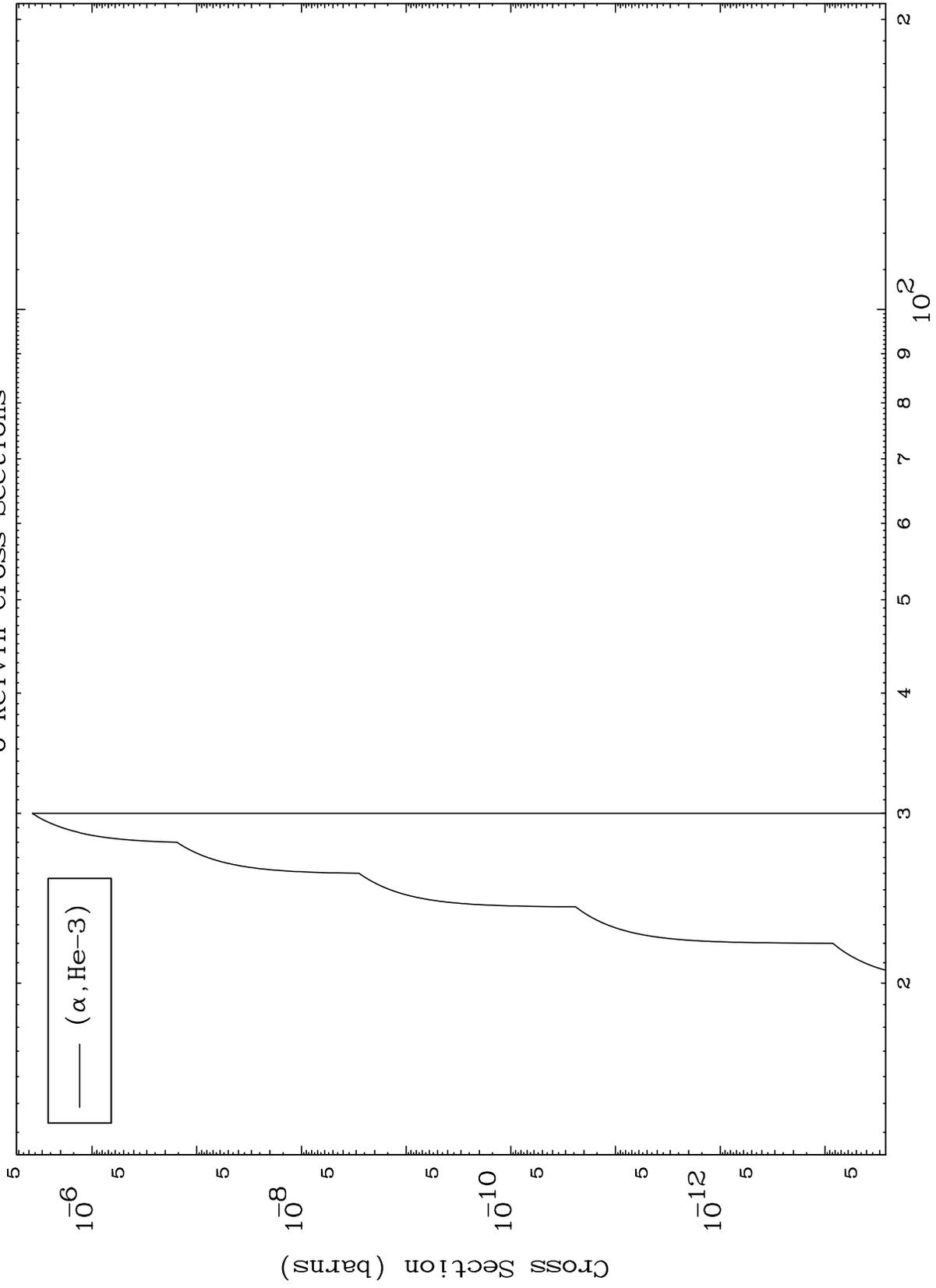
58-Ce-141



MAT 5840

(α ,He3) Levels
0 Kelvin Cross Sections

58-Ce-141



9

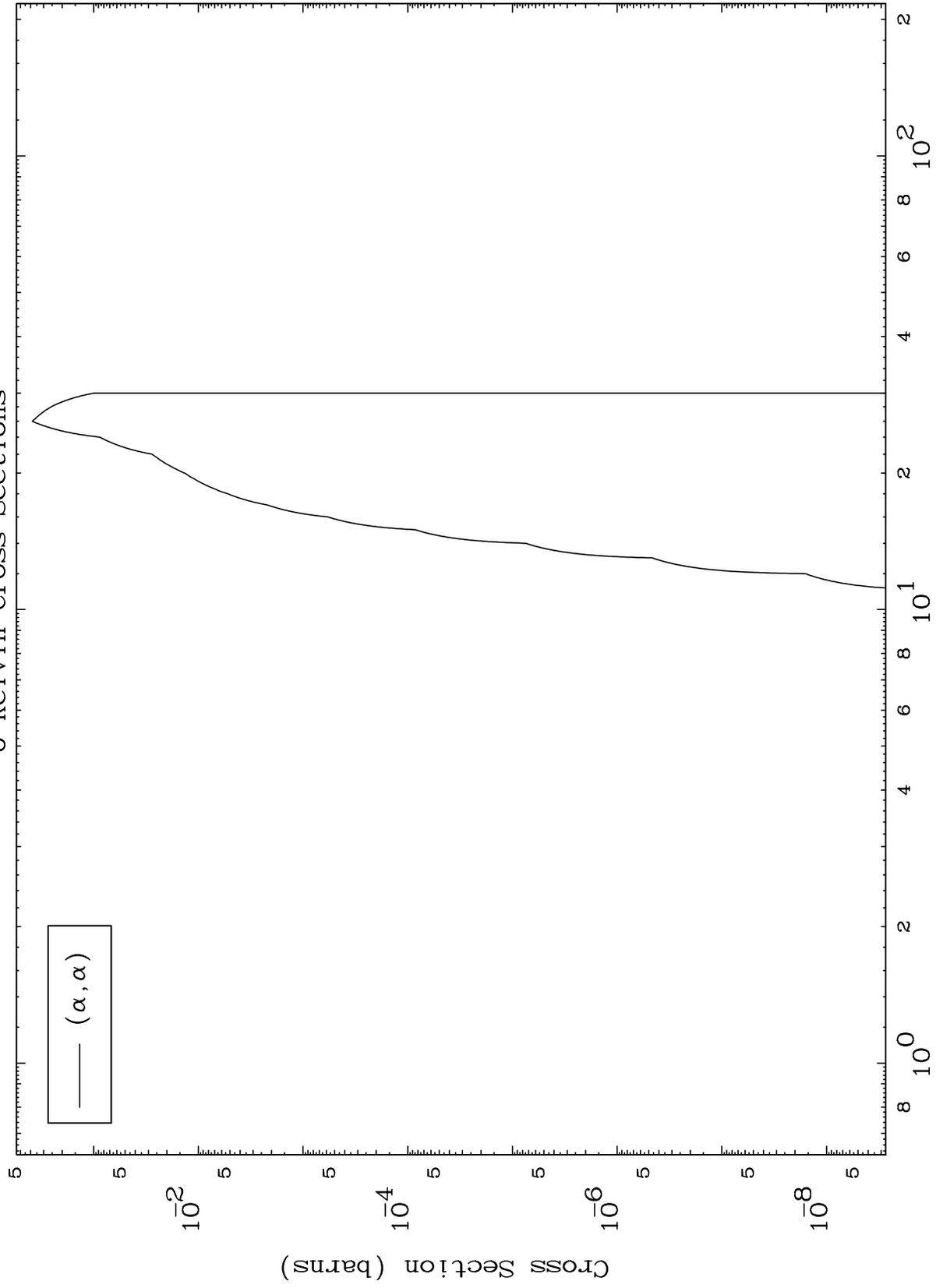
Incident Energy (MeV)

58-Ce-141

MAT 5840

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-141



10

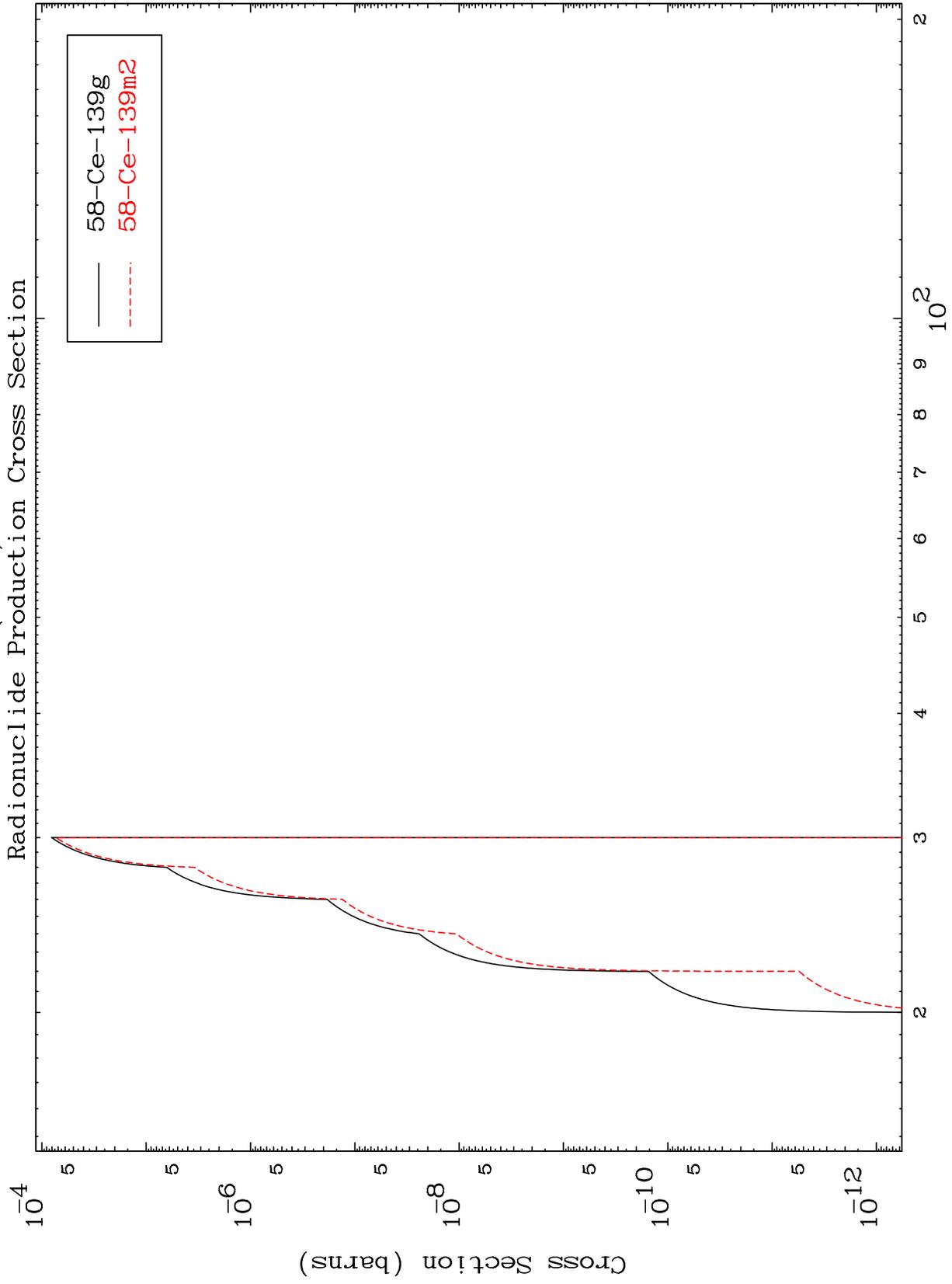
Incident Energy (MeV)

58-Ce-141

MAT 5840

$(\alpha, 2n) \alpha$

58-Ce-141



11

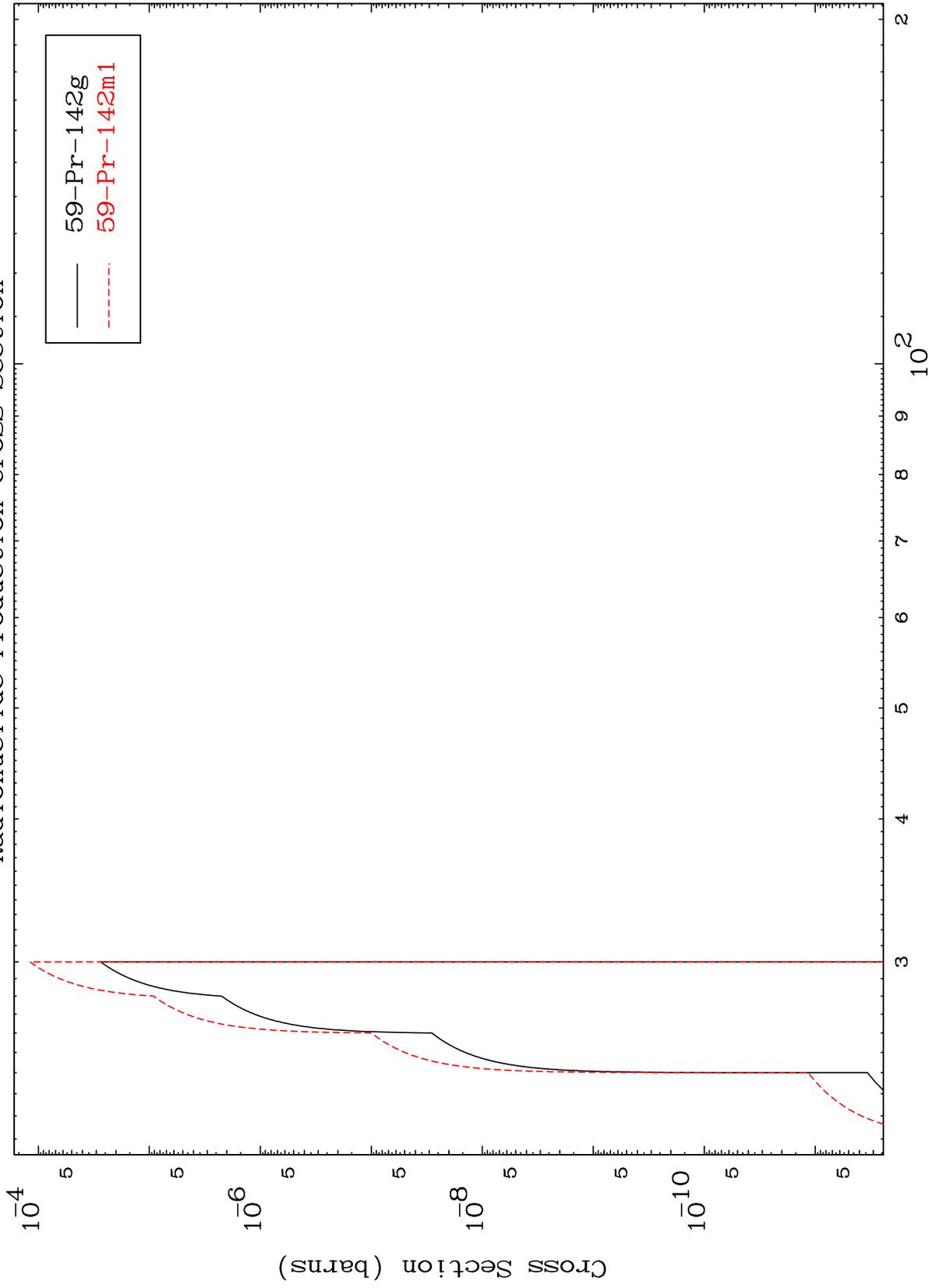
58-Ce-141

MAT 5840

(α, n') d

58-Ce-141

Radionuclide Production Cross Section



12

Incident Energy (MeV)

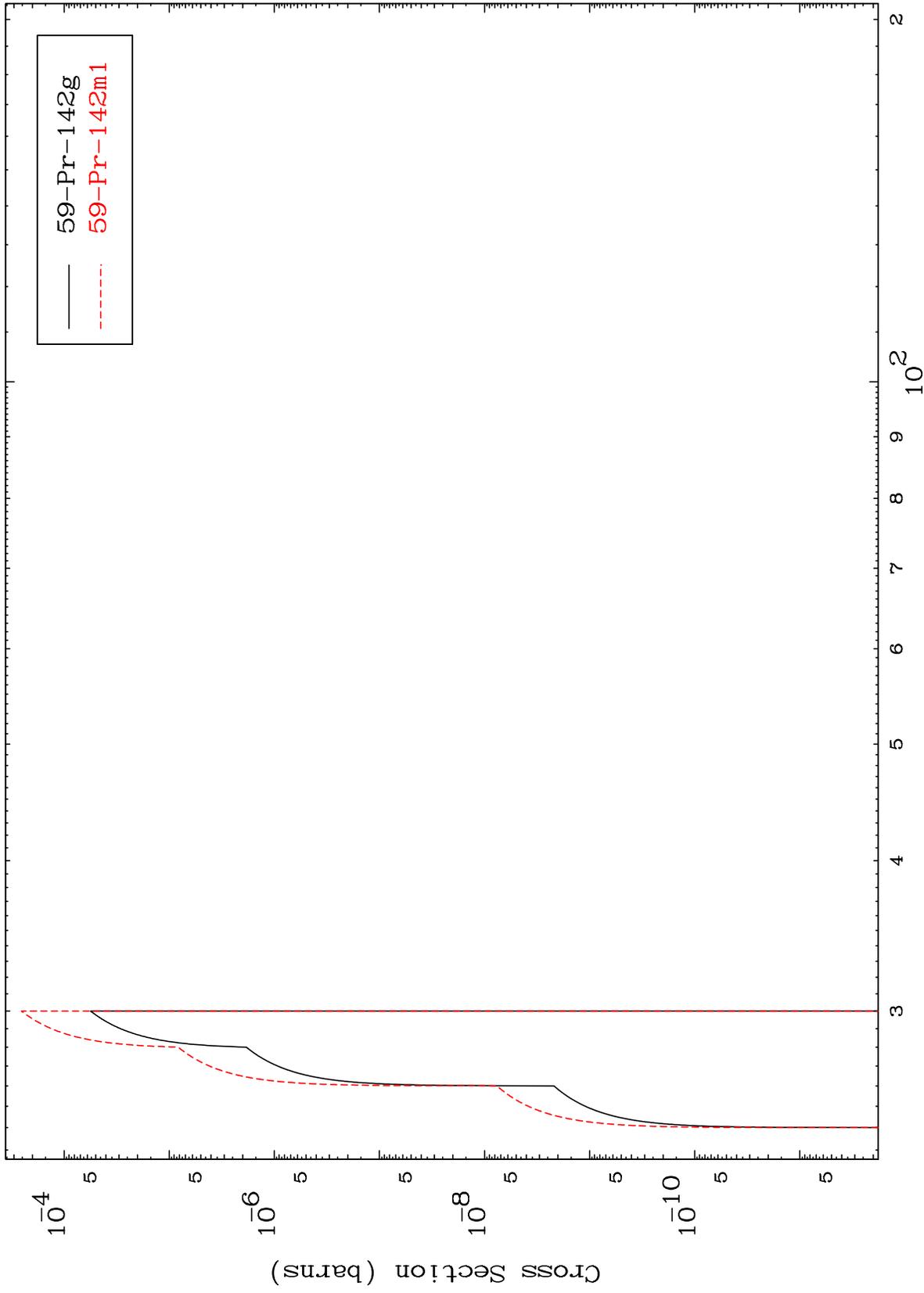
58-Ce-141

MAT 5840

($\alpha, 2n$) p

58-Ce-141

Radionuclide Production Cross Section



13

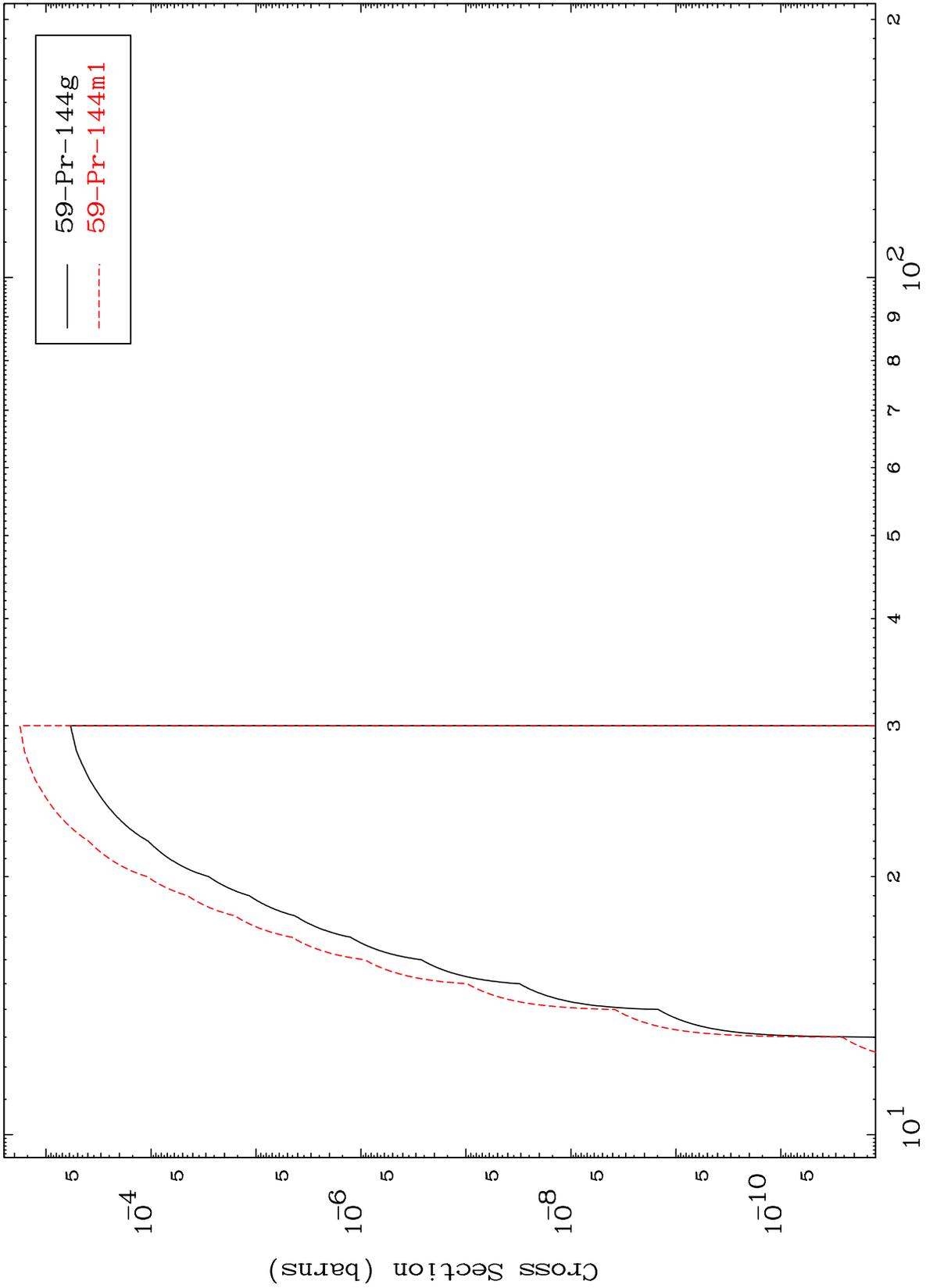
Incident Energy (MeV)

58-Ce-141

MAT 5840

58-Ce-141

(α, p)
Radionuclide Production Cross Section



58-Ce-141

Incident Energy (MeV)

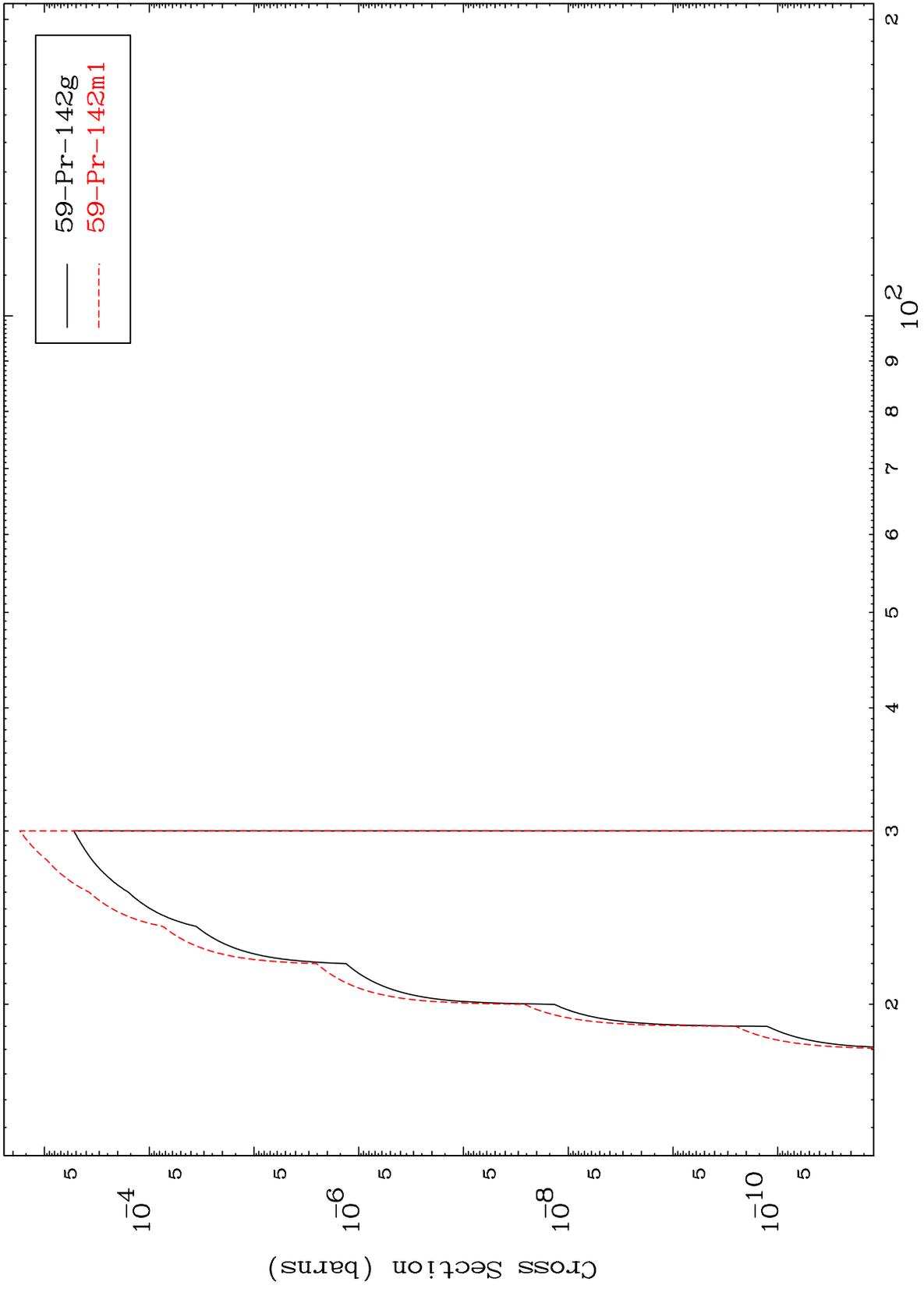
14

MAT 5840

(α, t)

58-Ce-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

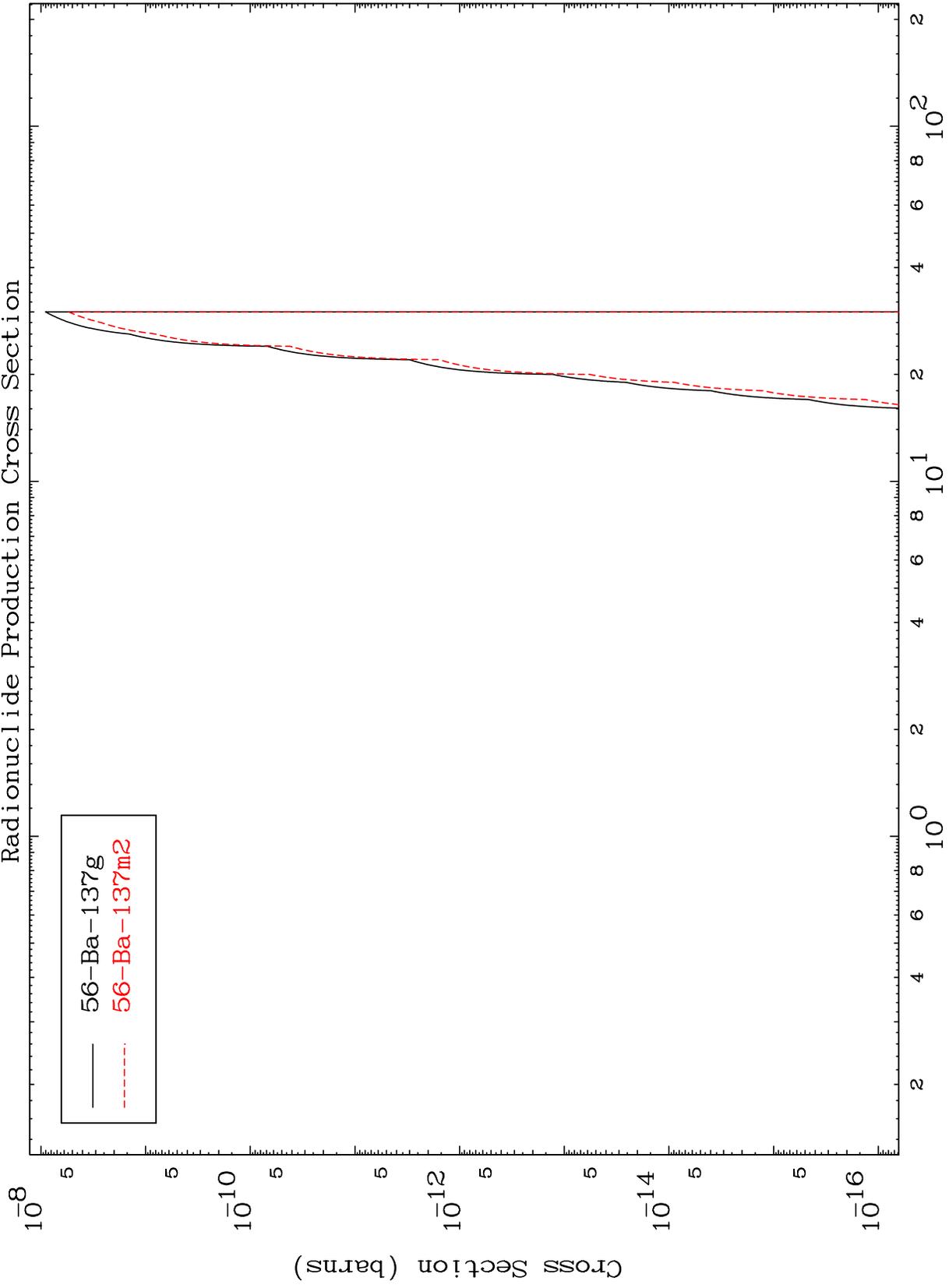
58-Ce-141

MAT 5840

($\alpha, 2\alpha$)

58-Ce-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

58-Ce-141