

Program EVALPLOT
(Version 2018-1)

by

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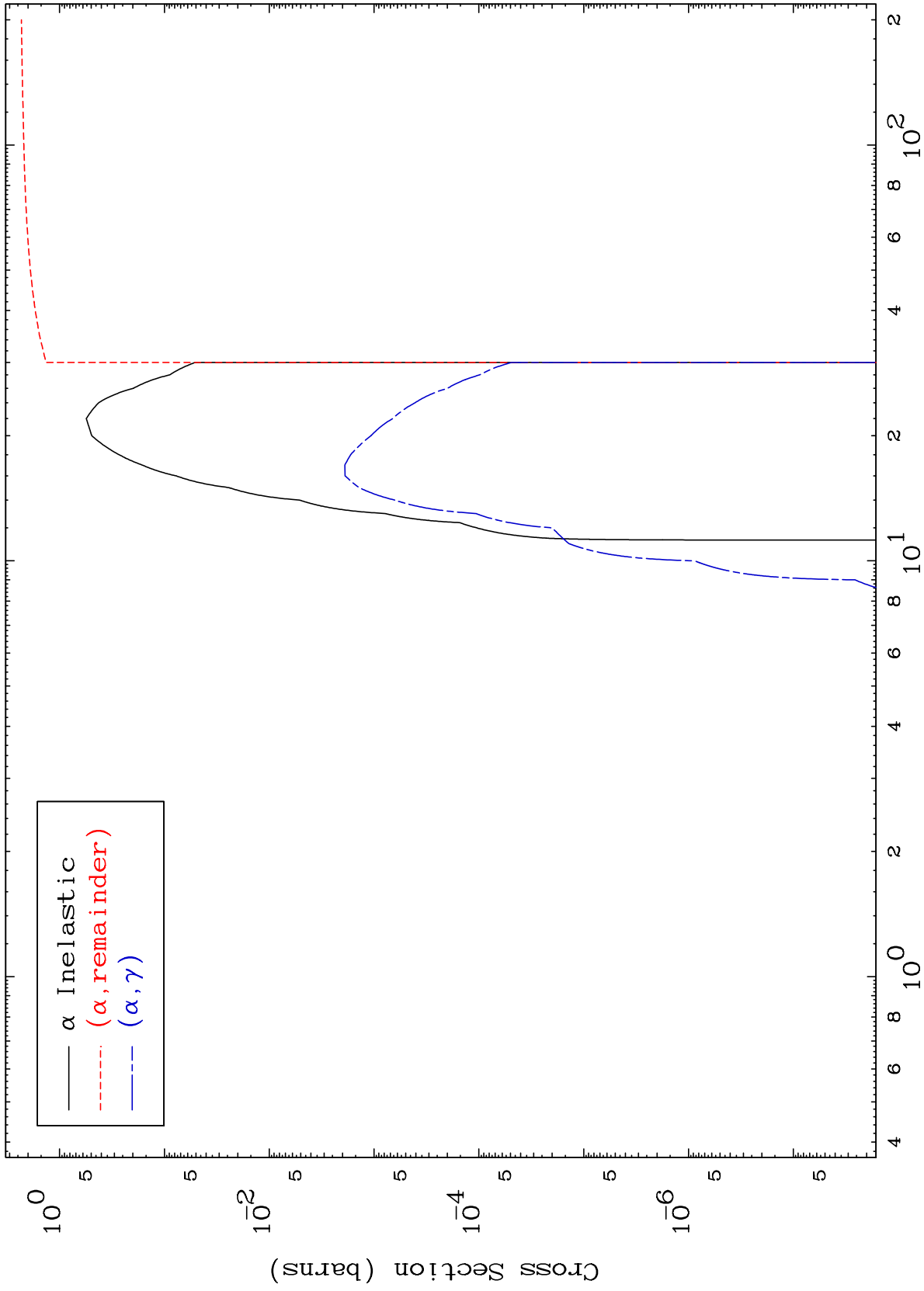
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5819

0 Kelvin α Major
Cross Sections

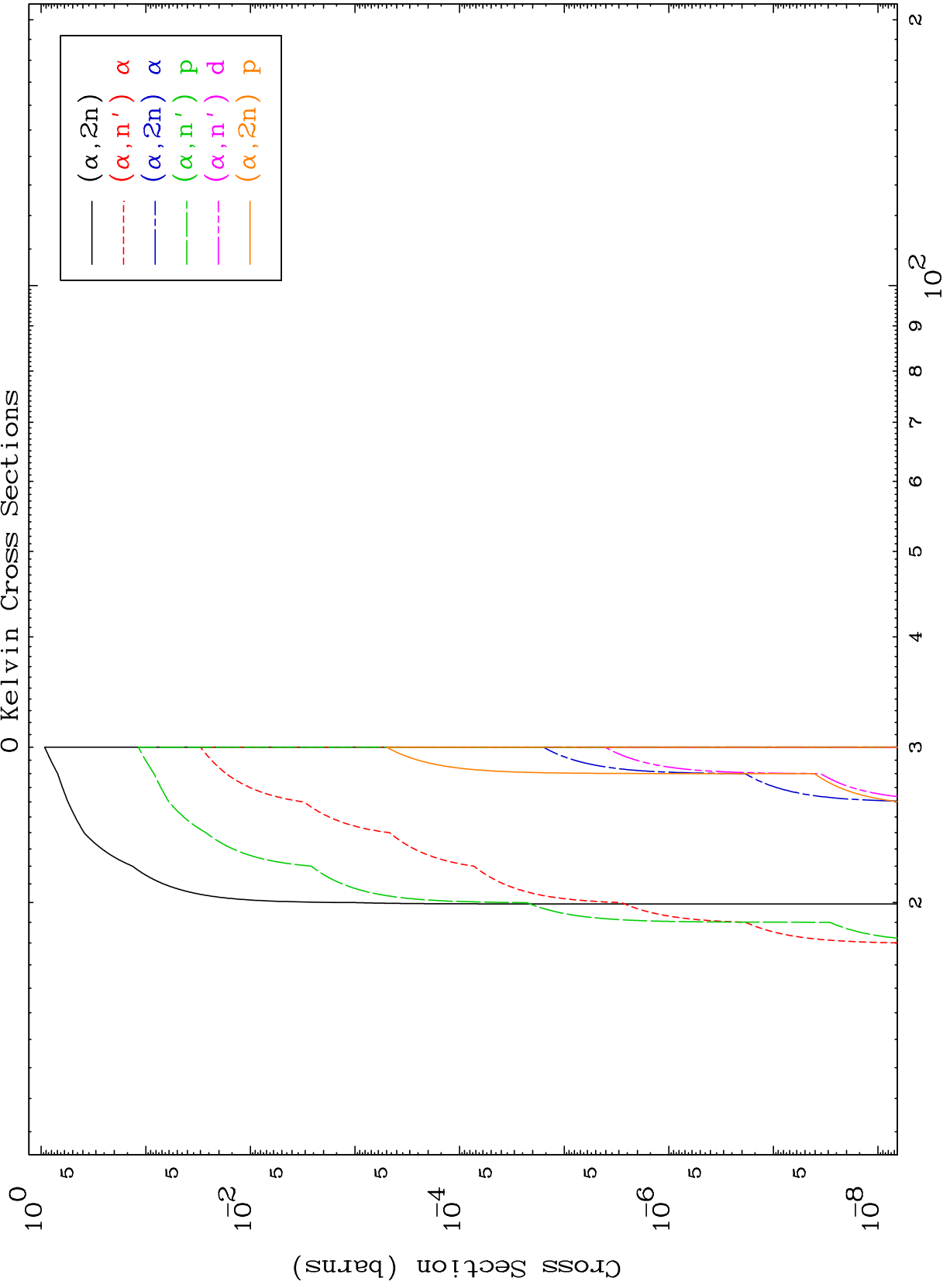
58-Ce-134



MAT 5819

α Neutron Production
0 Kelvin Cross Sections

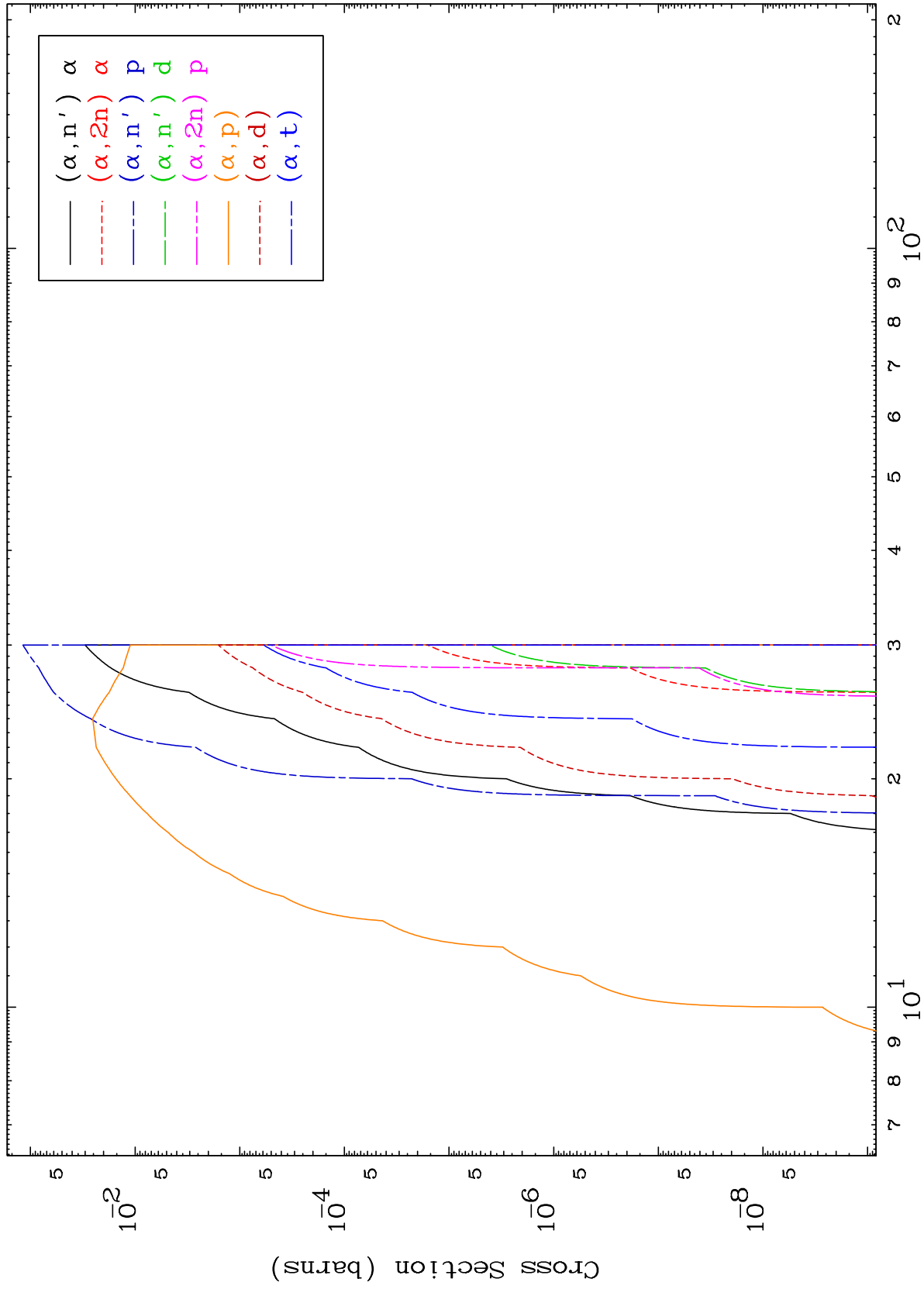
58-Ce-134



2

Incident Energy (MeV)

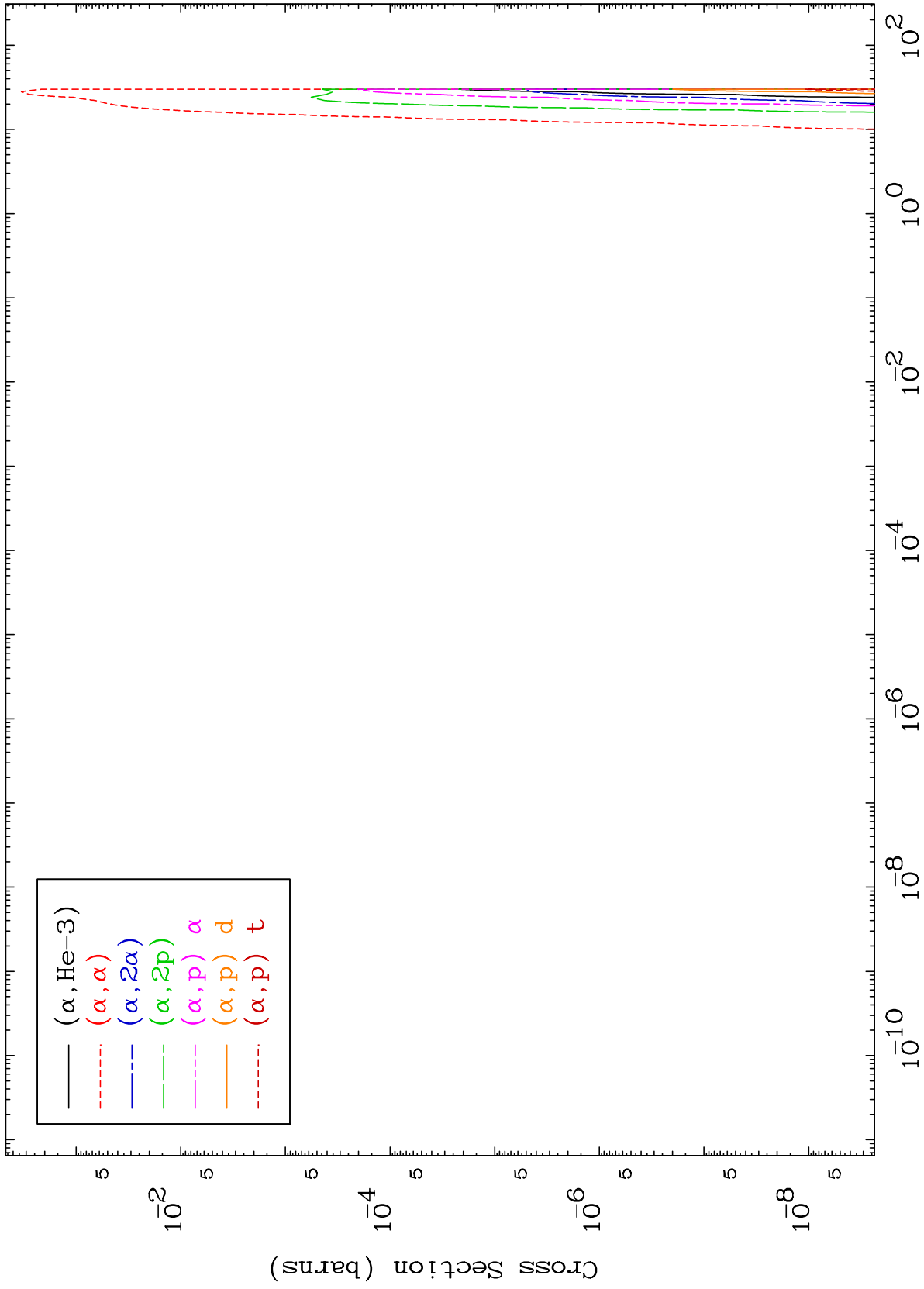
58-Ce-134



MAT 5819

α Charged Particle
0 Kelvin Cross Sections

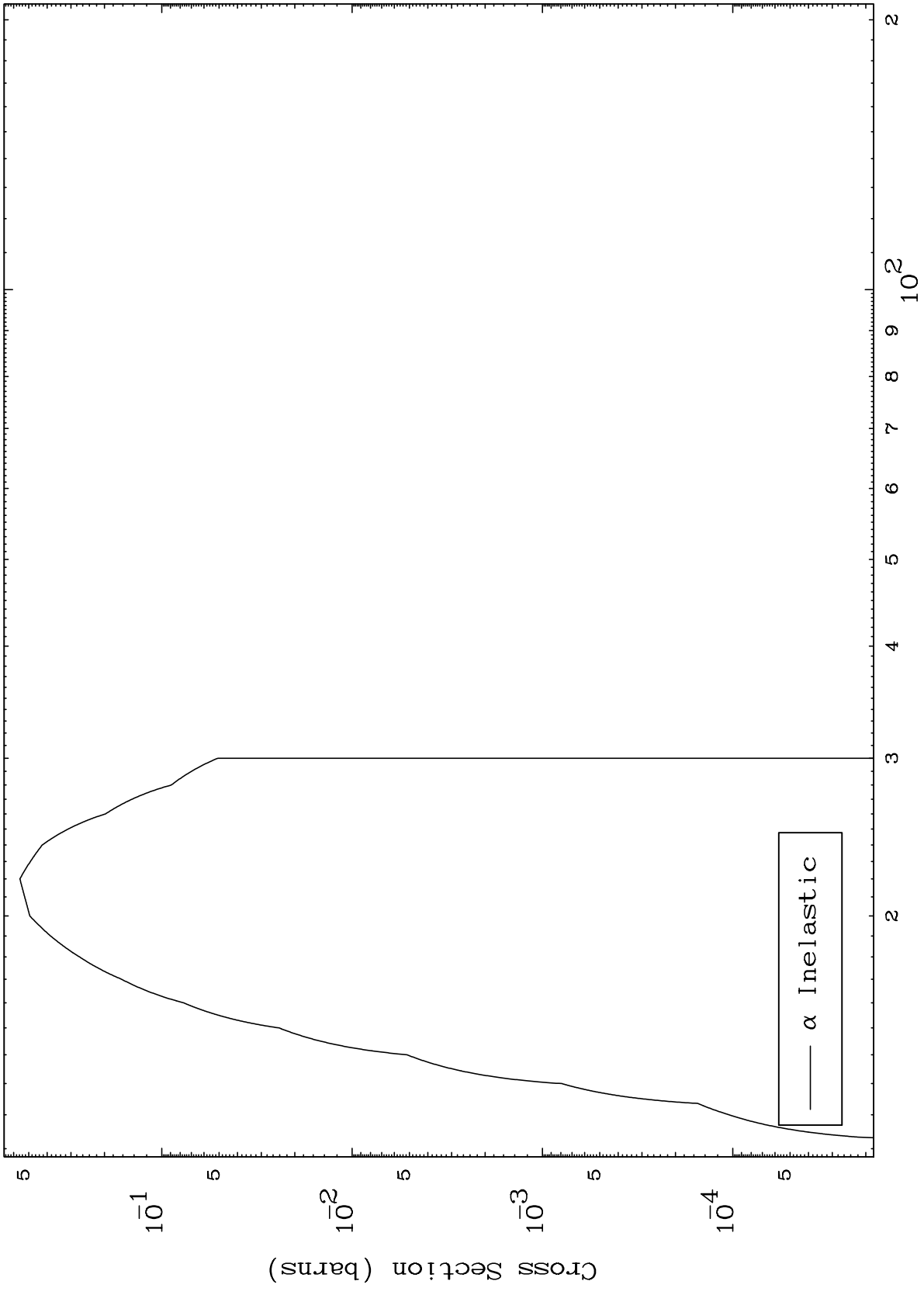
58-Ce-134



MAT 5819

(α, n') Level
0 Kelvin Cross Sections

58-Ce-134



5

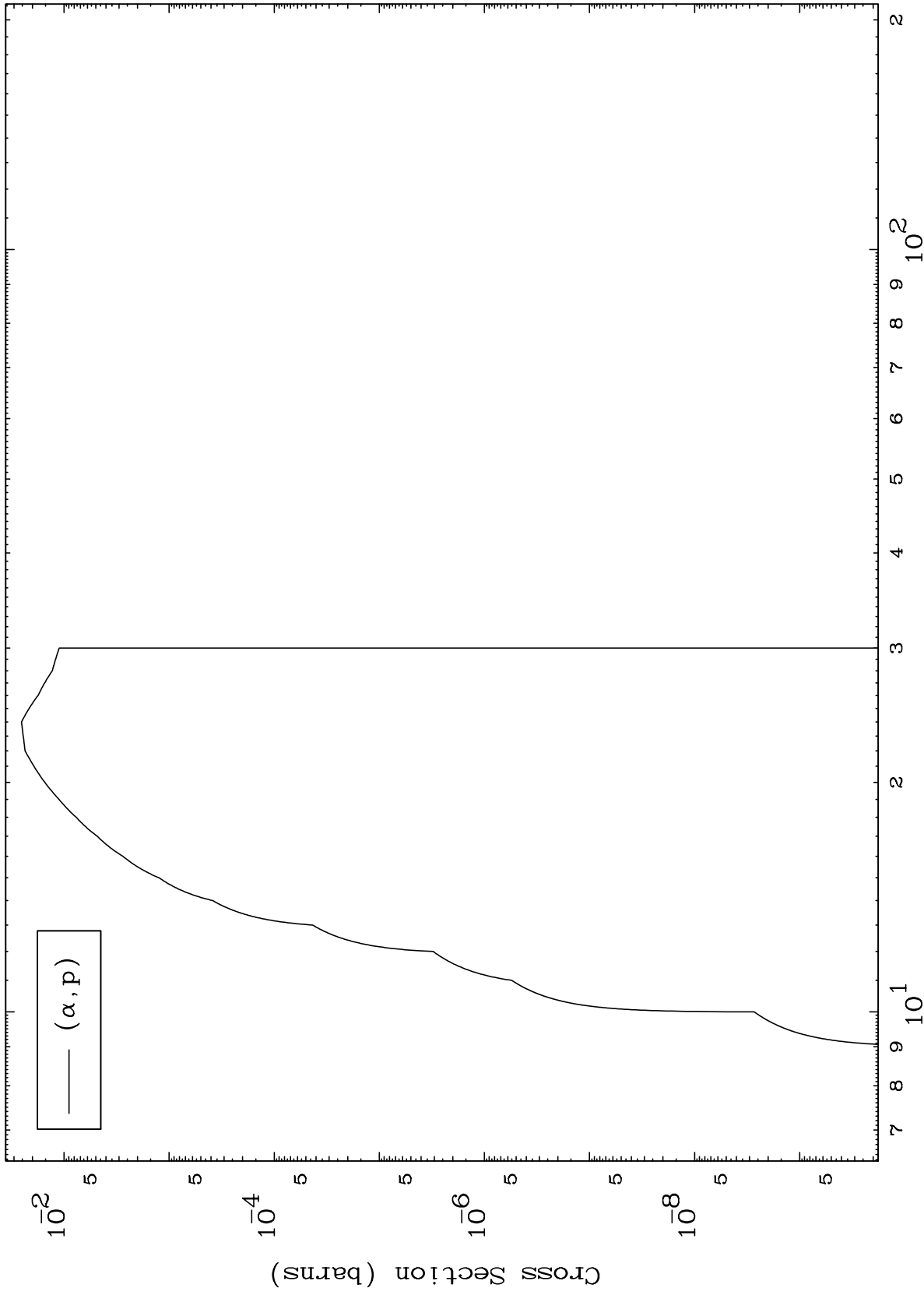
Incident Energy (MeV)

58-Ce-134

MAT 5819

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-134



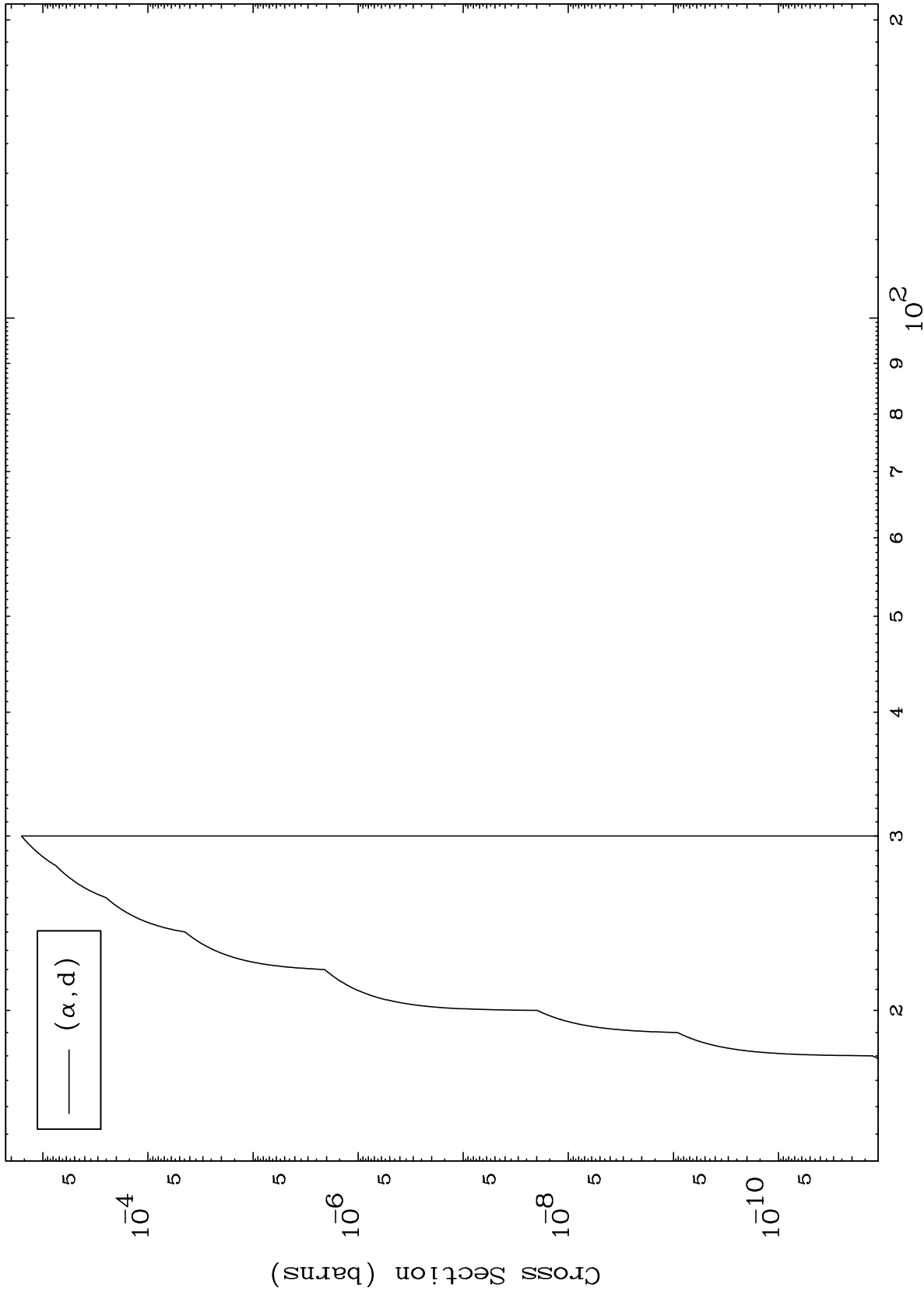
6

58-Ce-134

MAT 5819

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-134



7

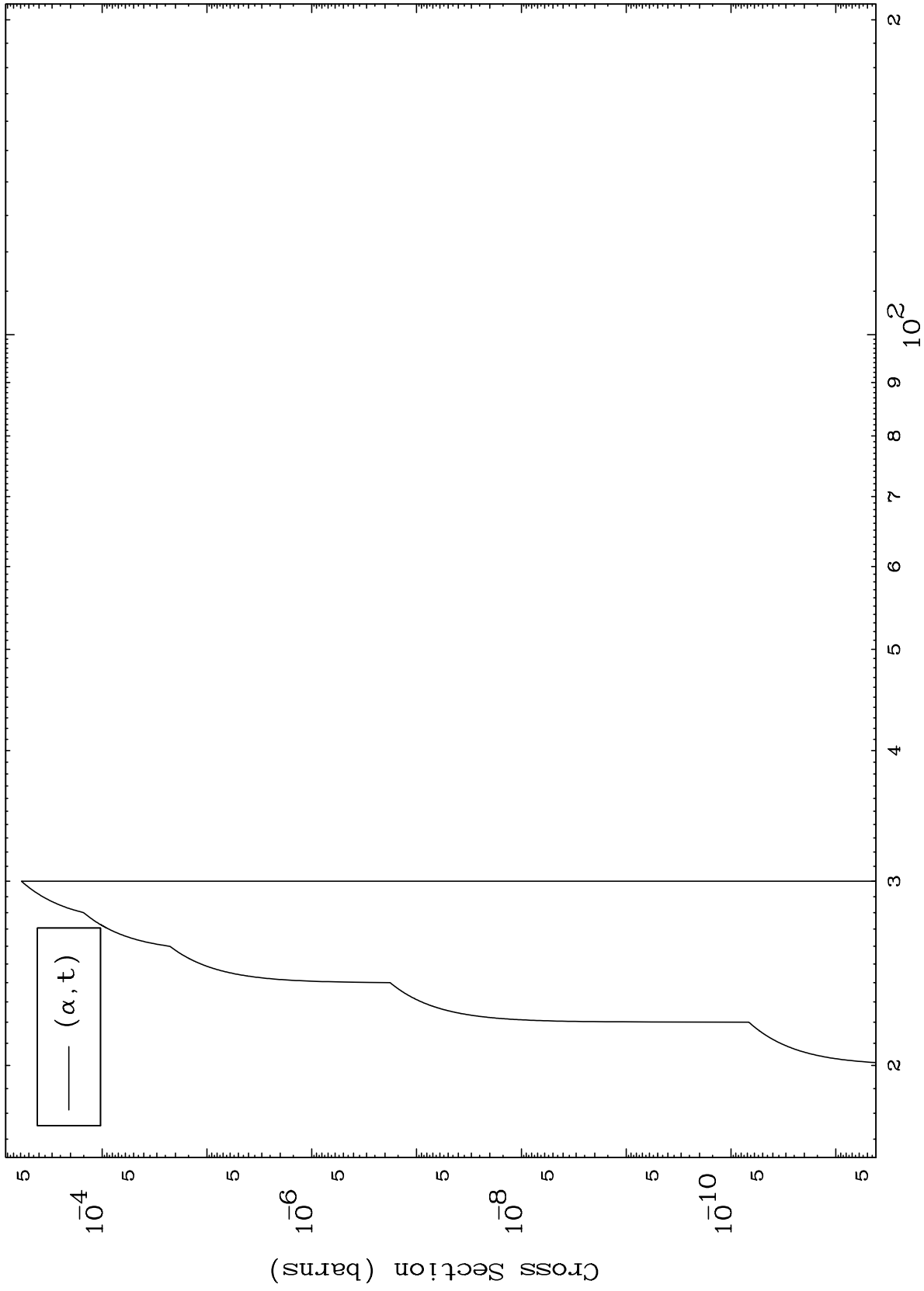
Incident Energy (MeV)

58-Ce-134

MAT 5819

(α, t) Levels
0 Kelvin Cross Sections

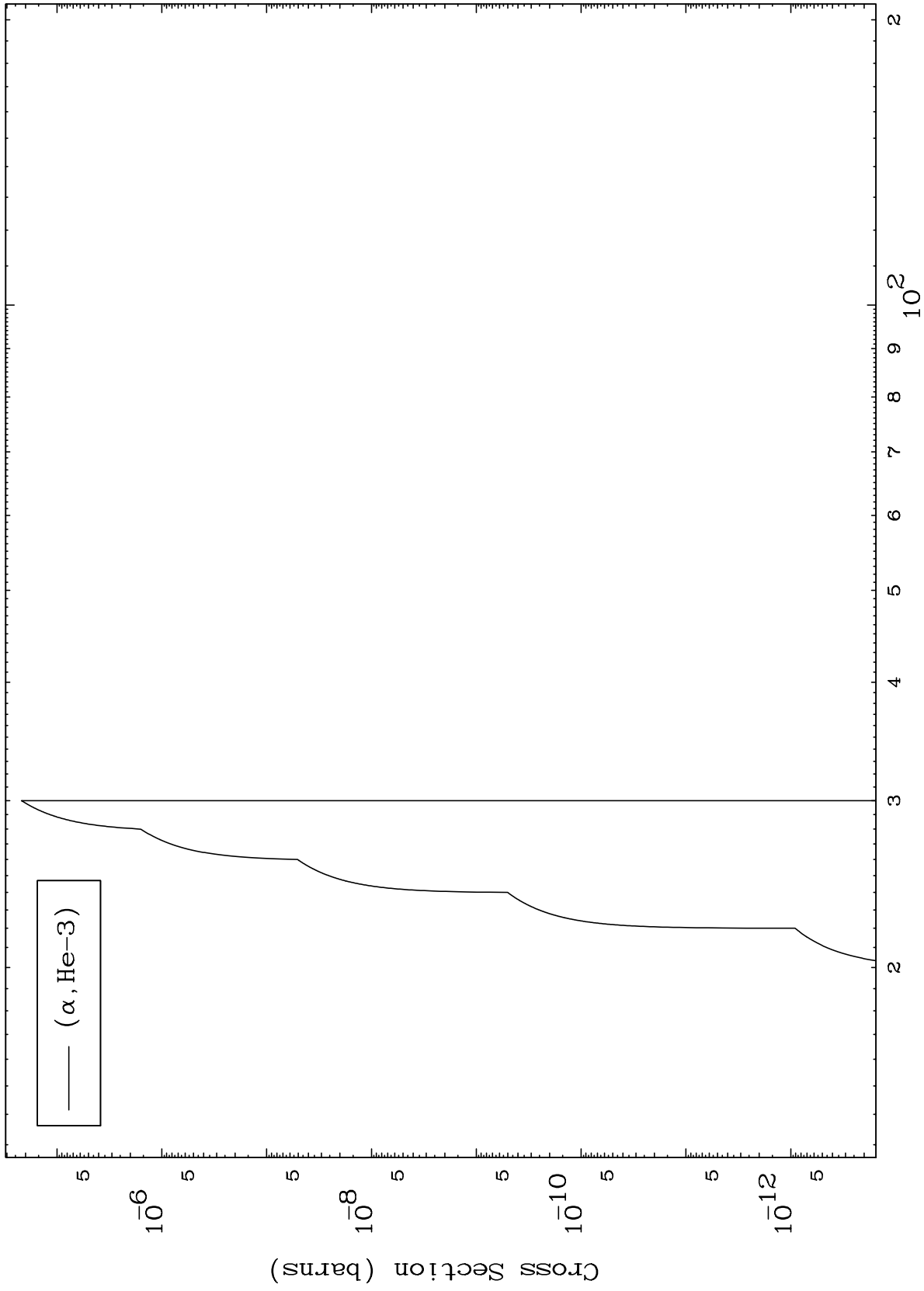
58-Ce-134



8

Incident Energy (MeV)

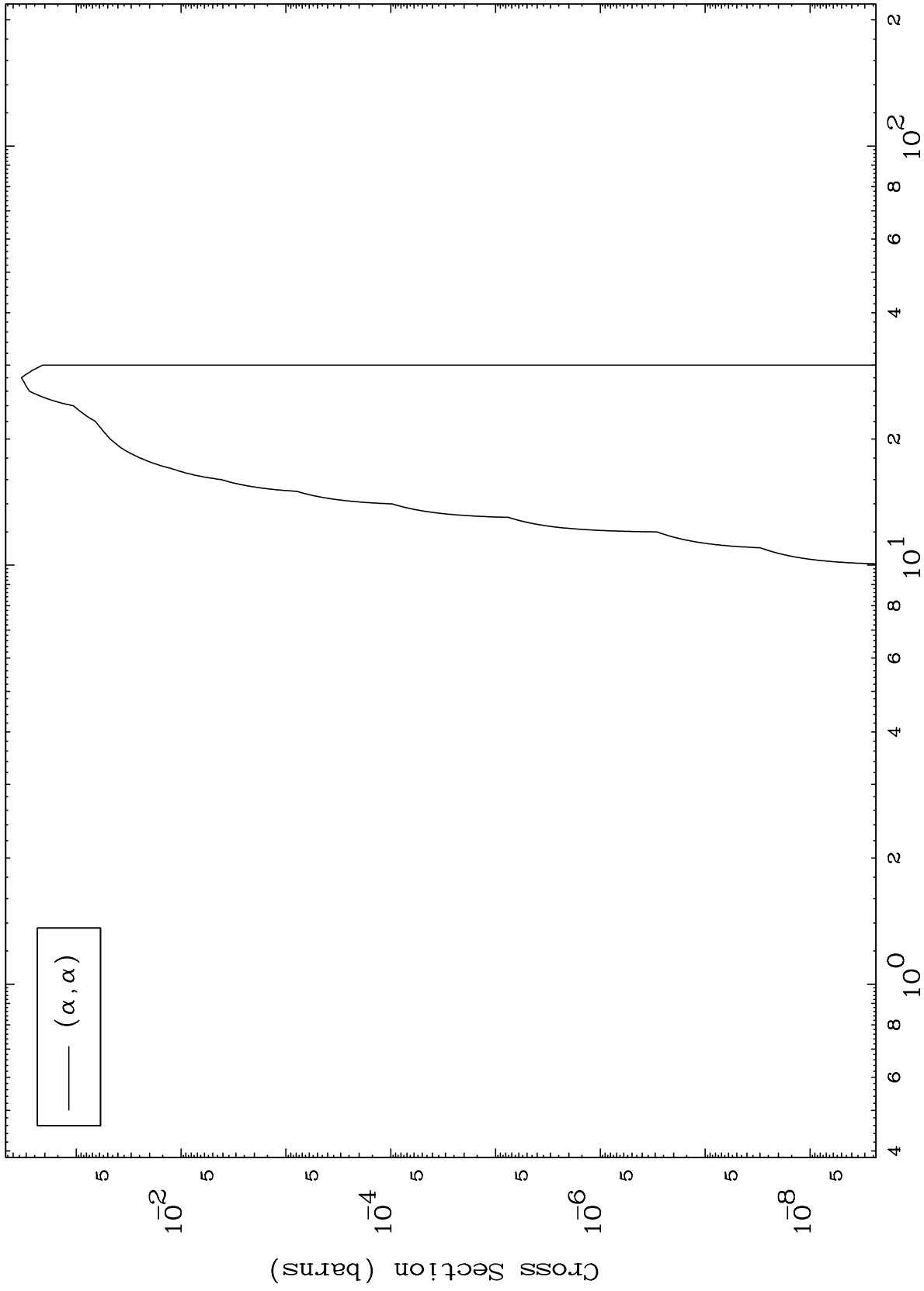
58-Ce-134



MAT 5819

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-134

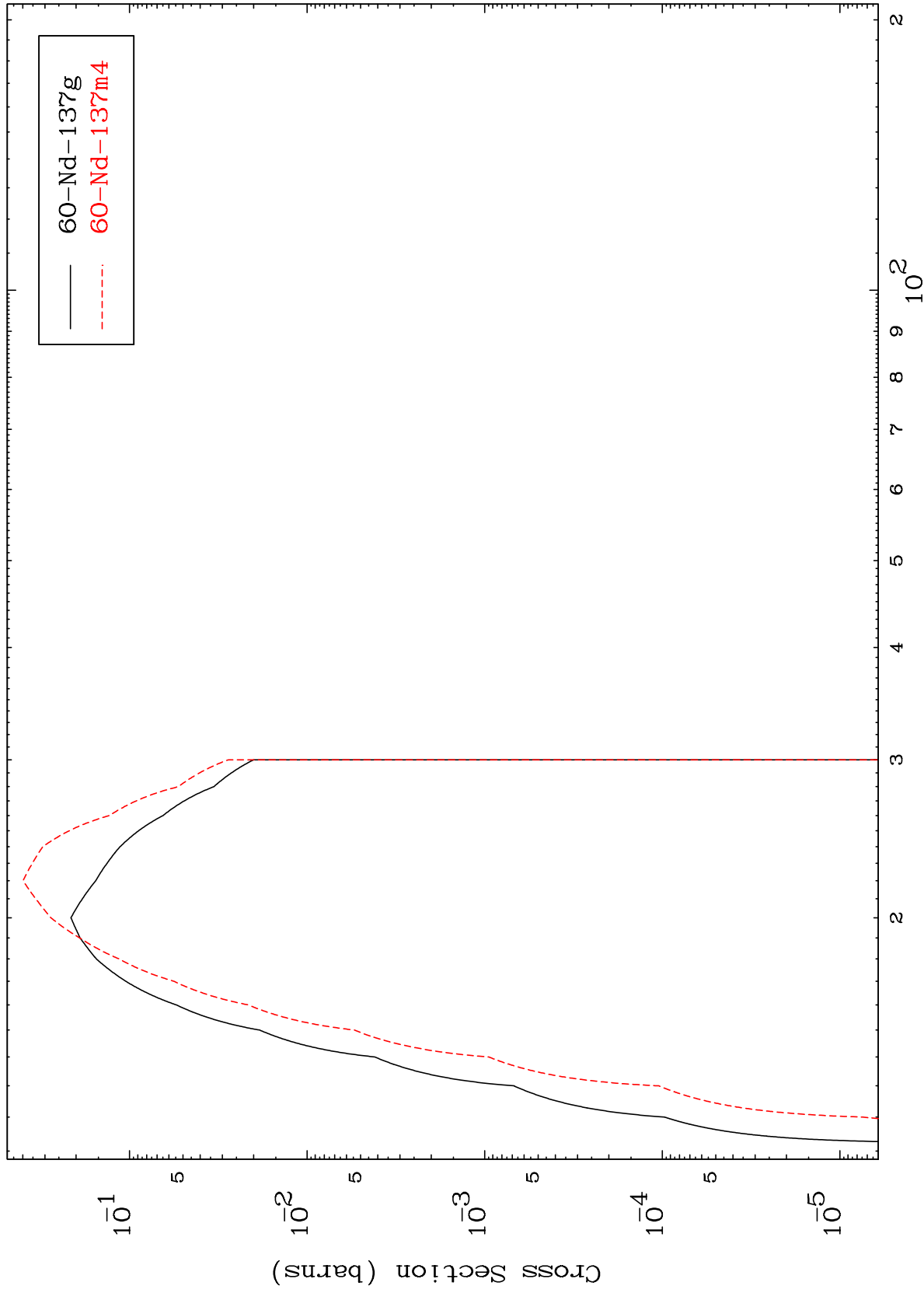


10

Incident Energy (MeV)

58-Ce-134

Radionuclide Production Cross Section

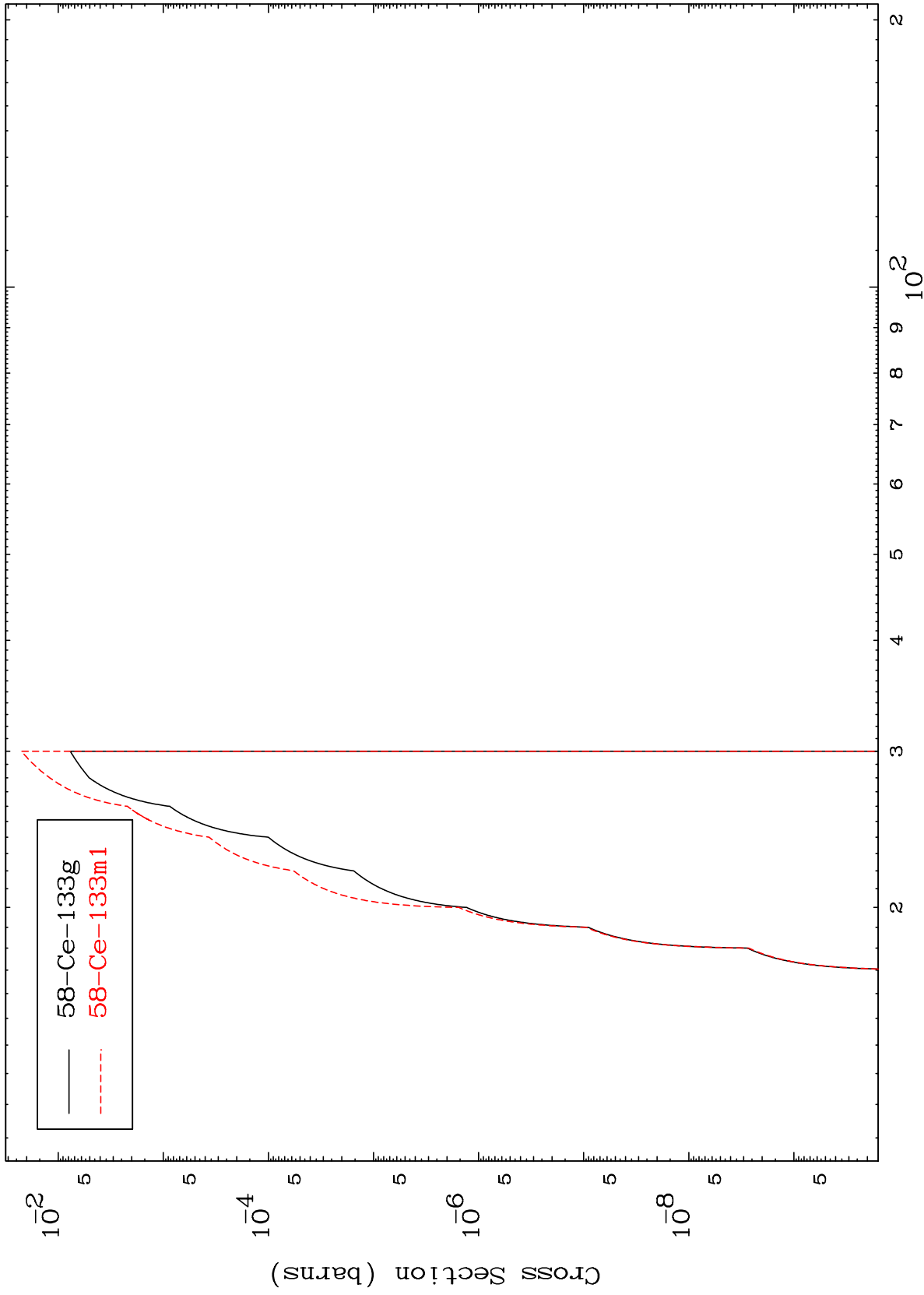


MAT 5819

(α, n') α

58-Ce-134

Radionuclide Production Cross Section



12

Incident Energy (MeV)

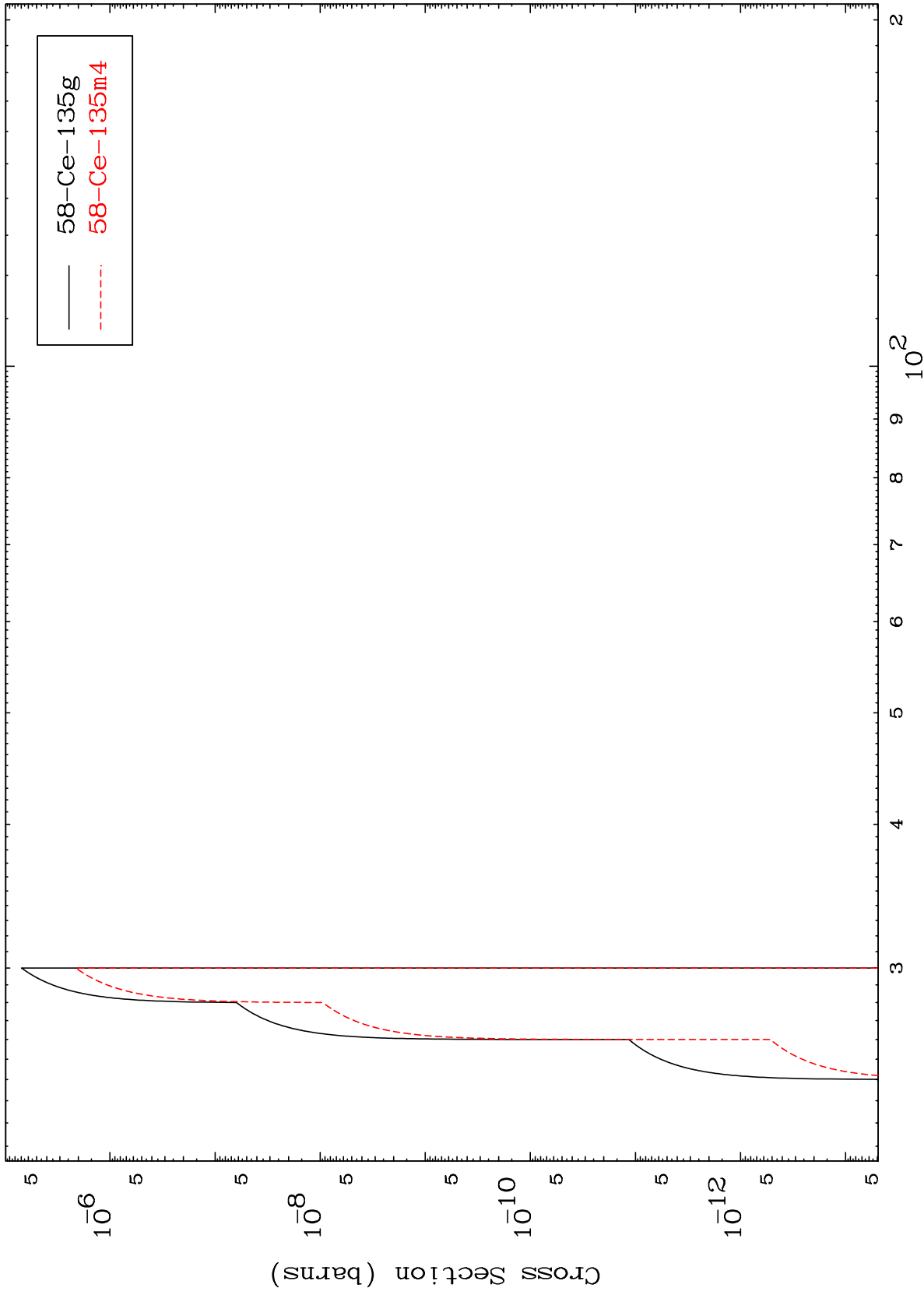
58-Ce-134

MAT 5819

($\alpha, 2n$) p

58-Ce-134

Radionuclide Production Cross Section



13

Incident Energy (MeV)

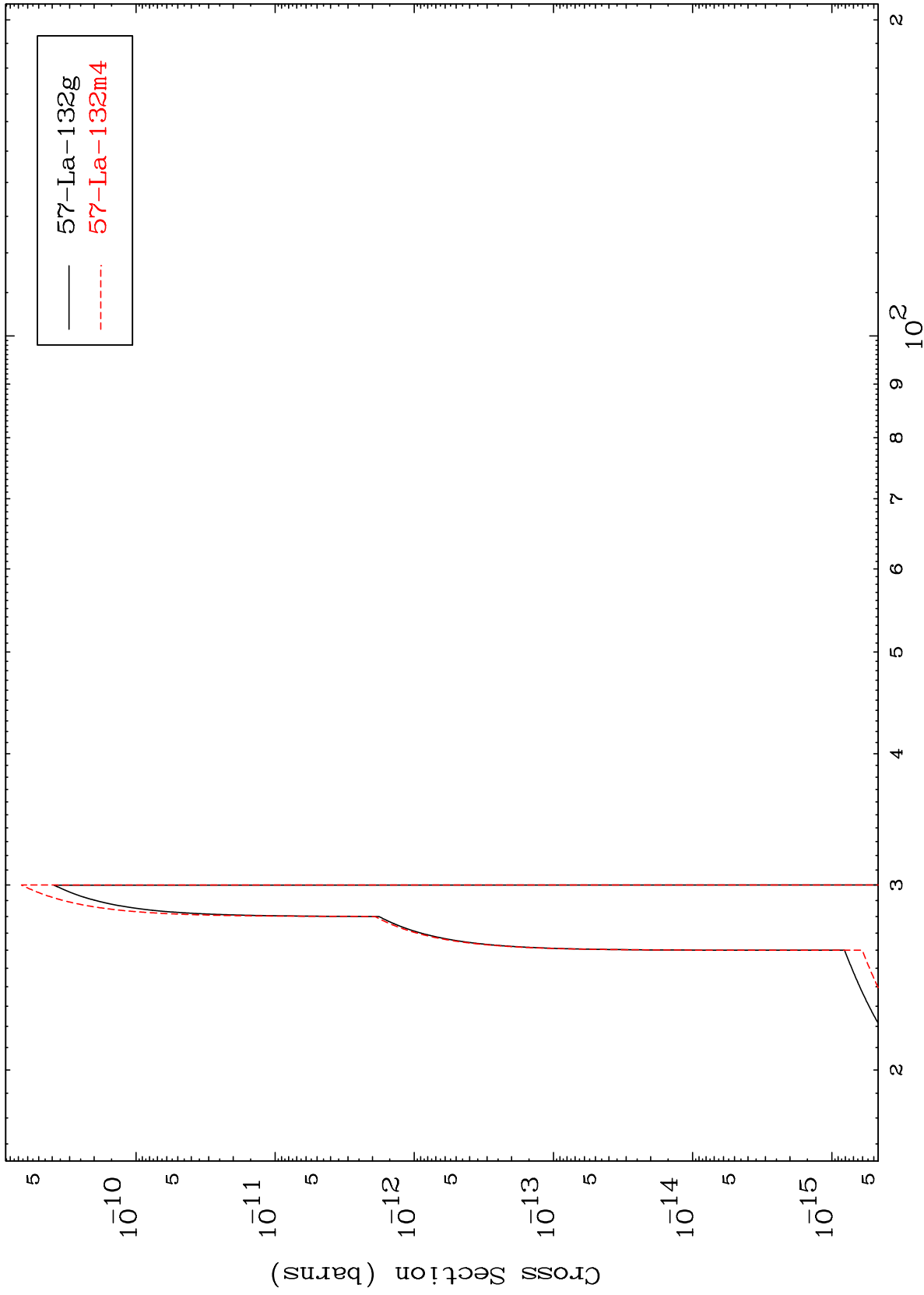
58-Ce-134

MAT 5819

(α, n') p α

58-Ce-134

Radionuclide Production Cross Section



14

Incident Energy (MeV)

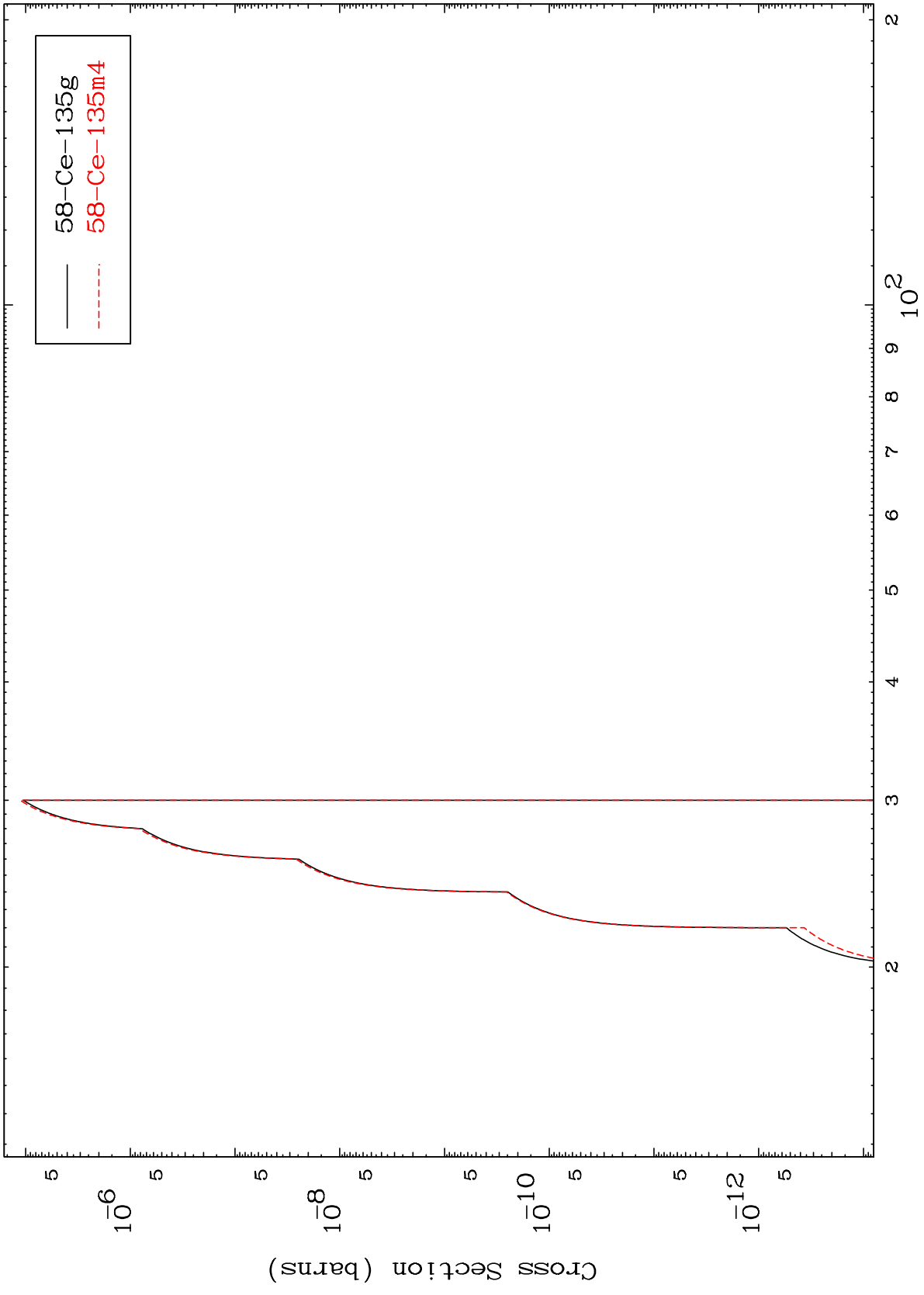
58-Ce-134

MAT 5819

($\alpha, \text{He-3}$)

58-Ce-134

Radionuclide Production Cross Section



15

Incident Energy (MeV)

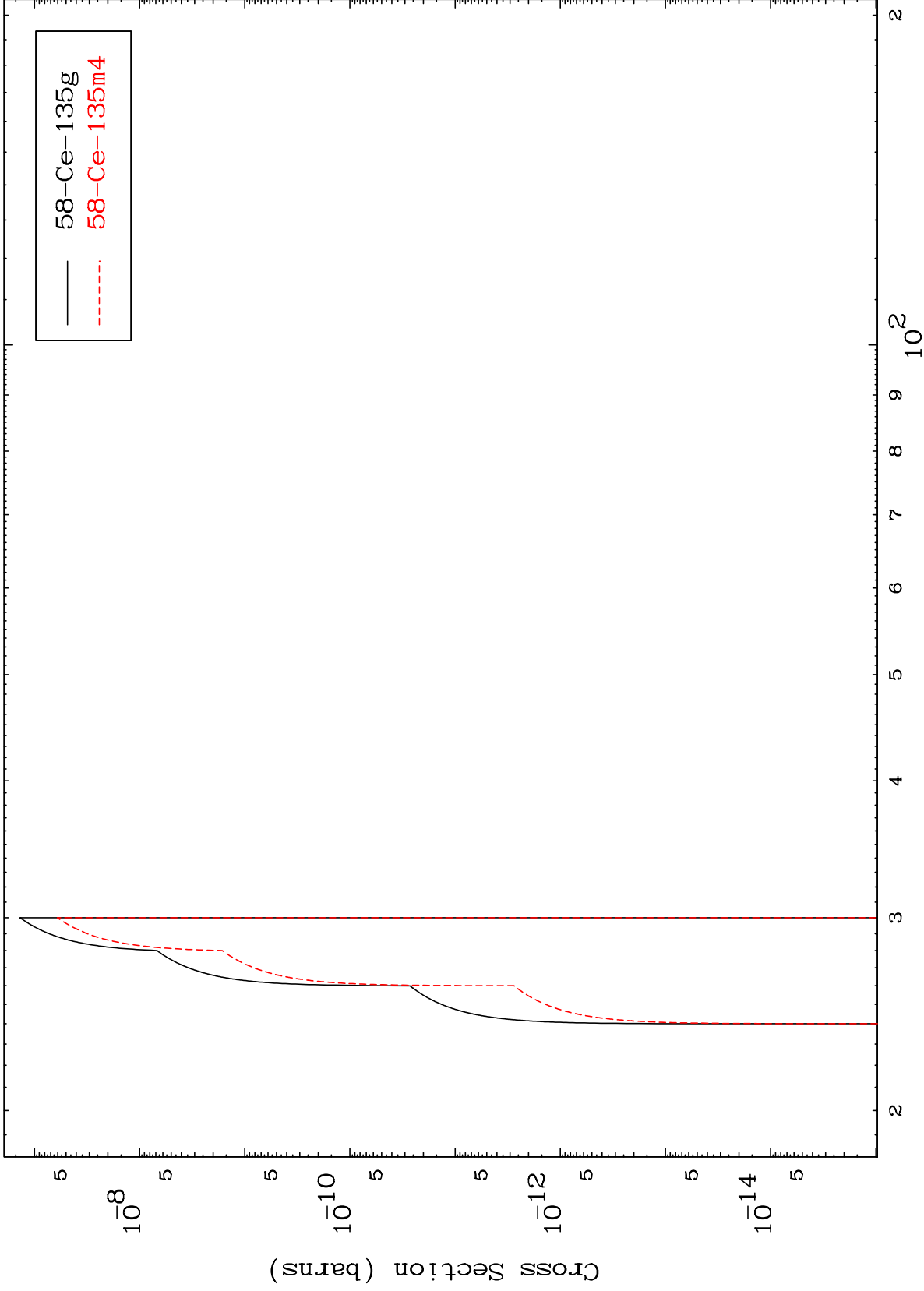
58-Ce-134

MAT 5819

(α, p) d

58-Ce-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

58-Ce-134