

Program EVALPLOT
(Version 2018-1)

by

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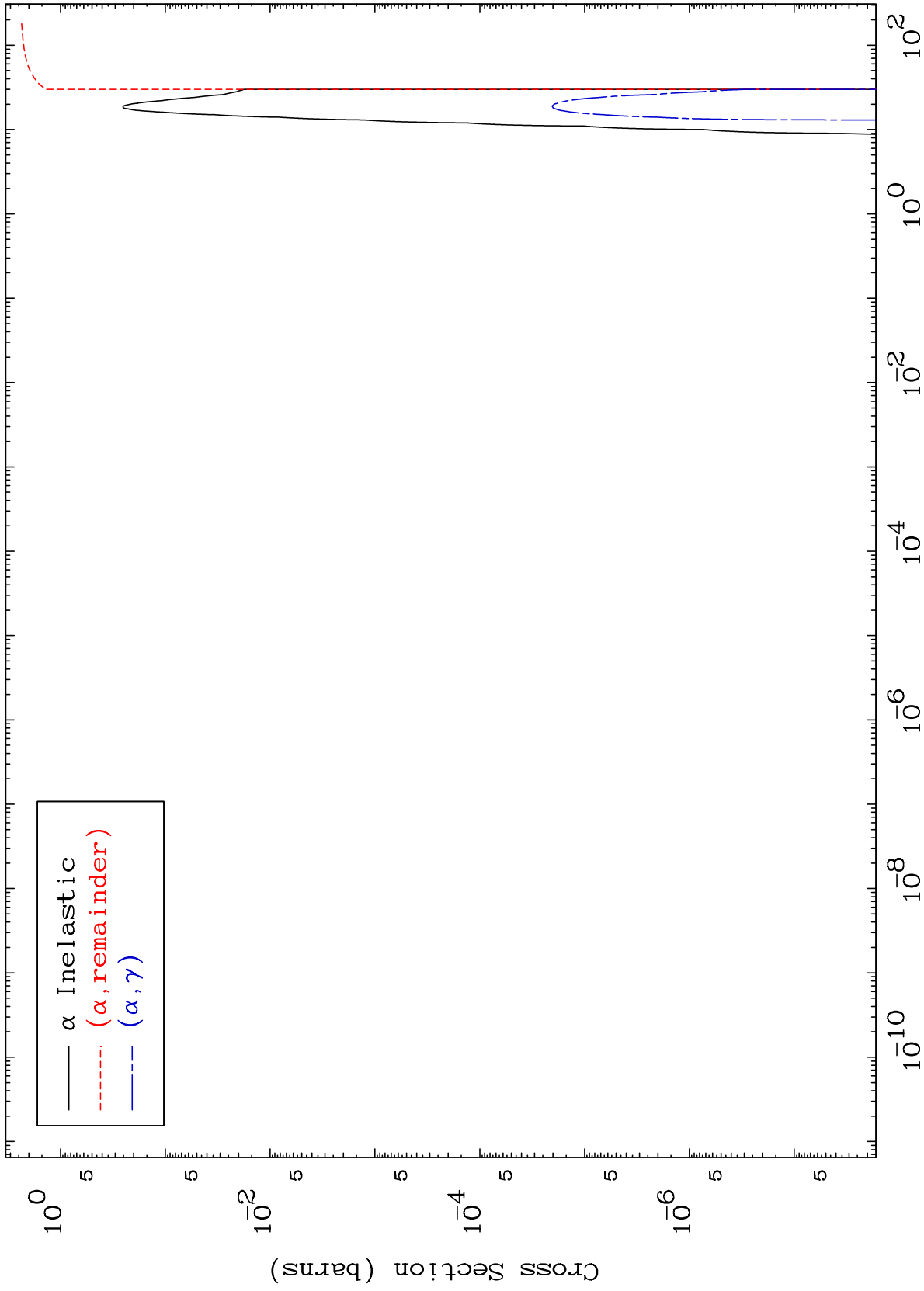
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5835

0 Kelvin α Major
Cross Sections

58-Ce-139



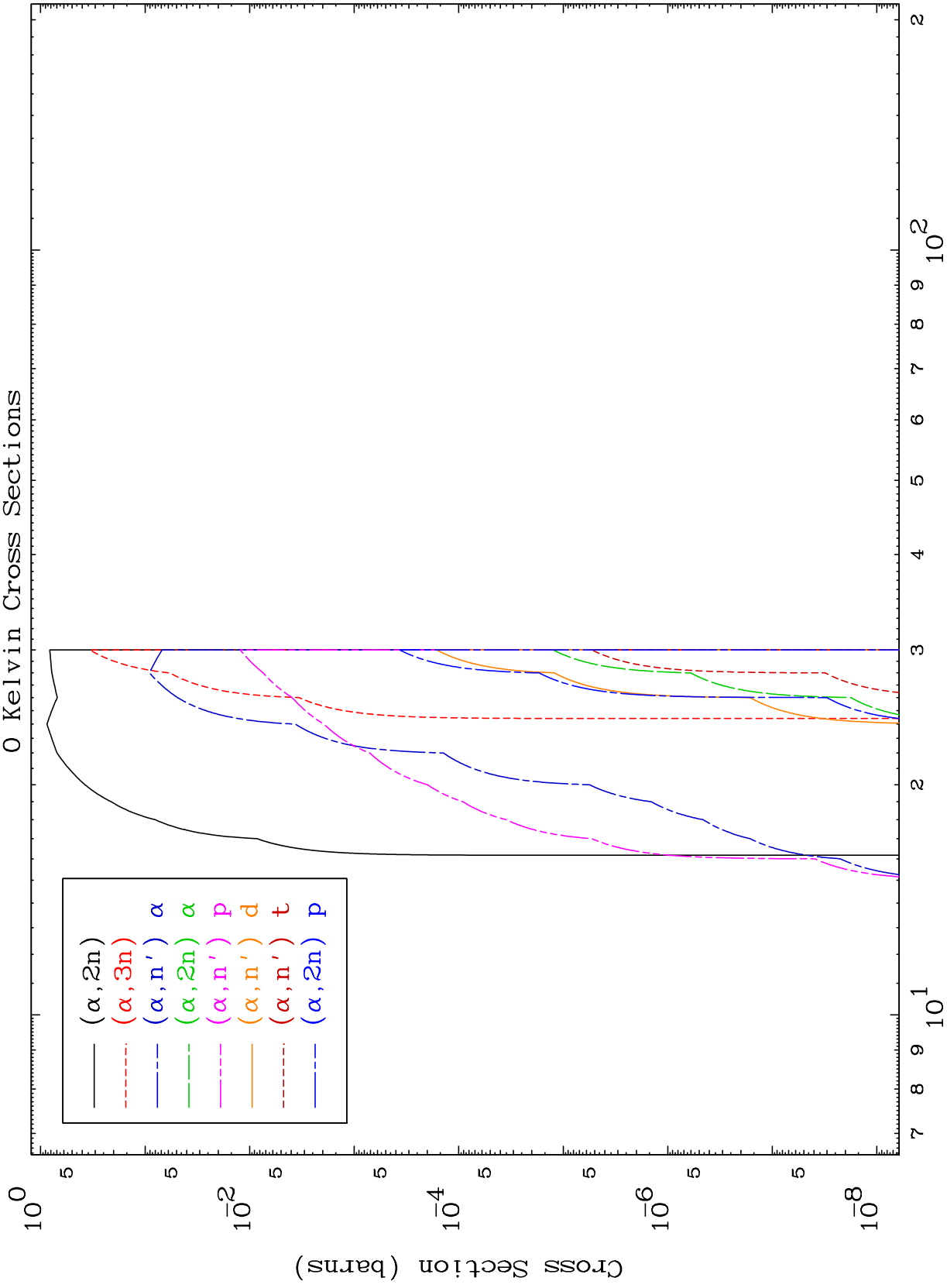
1

58-Ce-139

MAT 5835

α Neutron Production
0 Kelvin Cross Sections

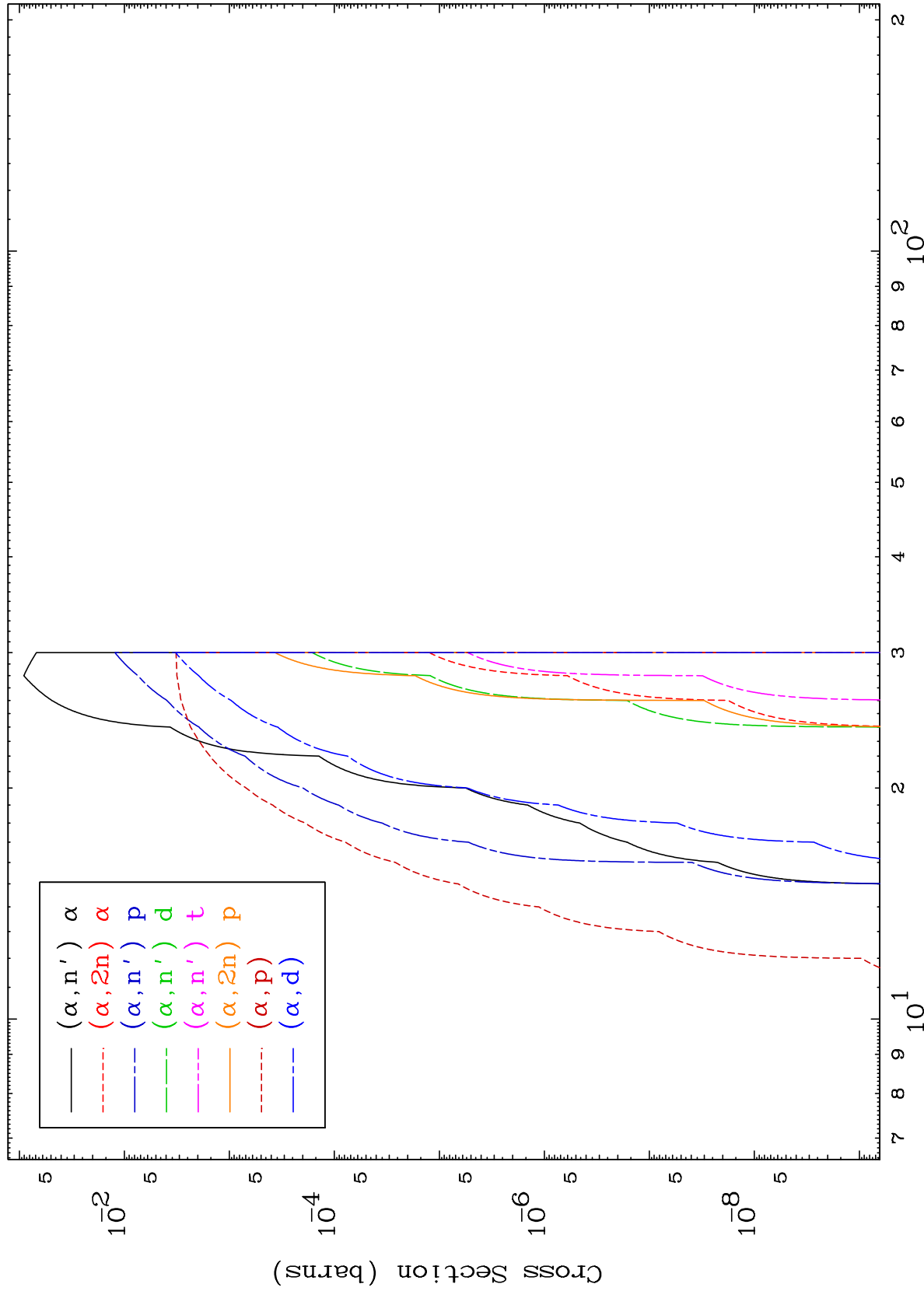
58-Ce-139



2

Incident Energy (MeV)

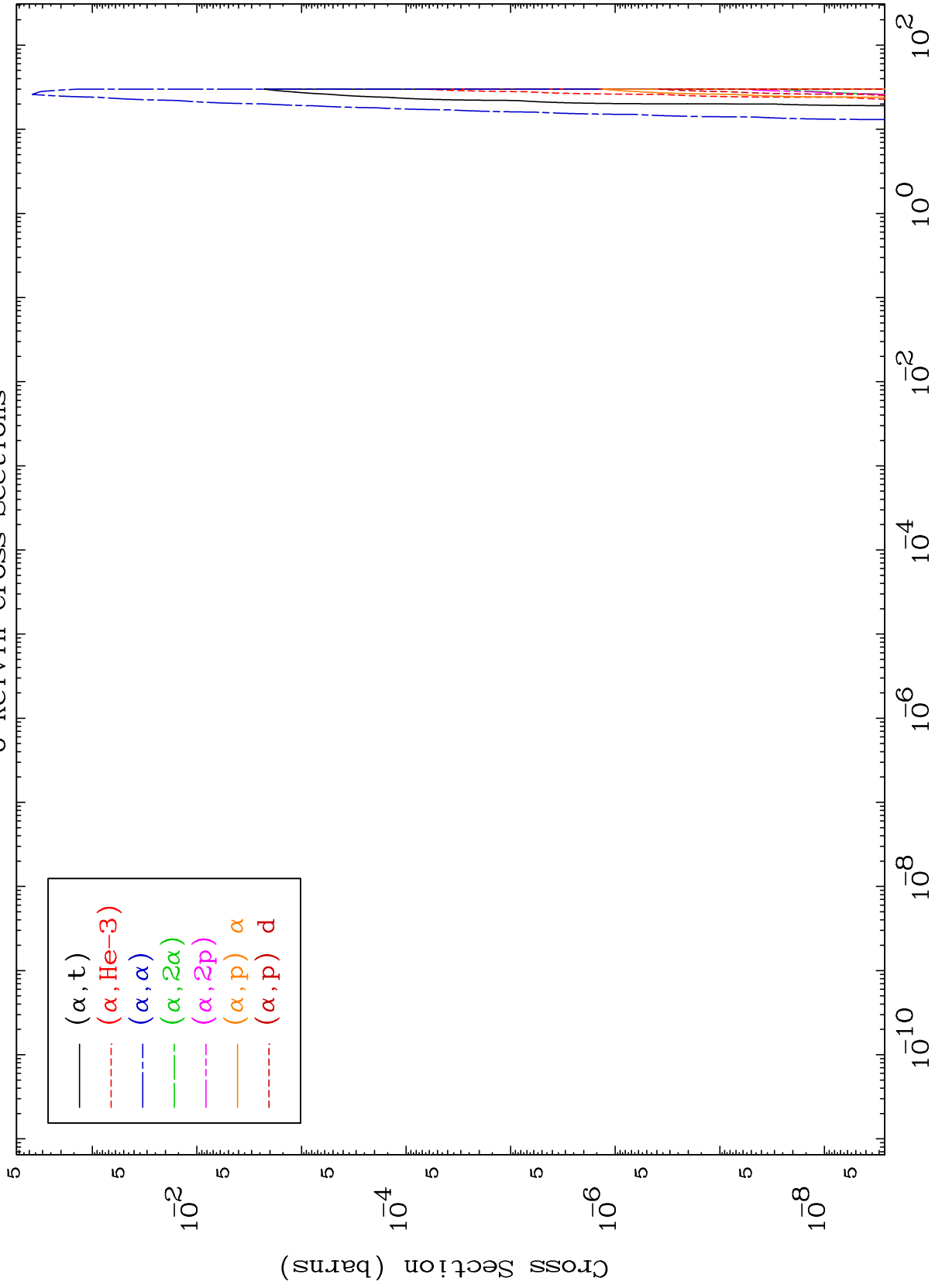
58-Ce-139



MAT 5835

α Charged Particle
0 Kelvin Cross Sections

58-Ce-139

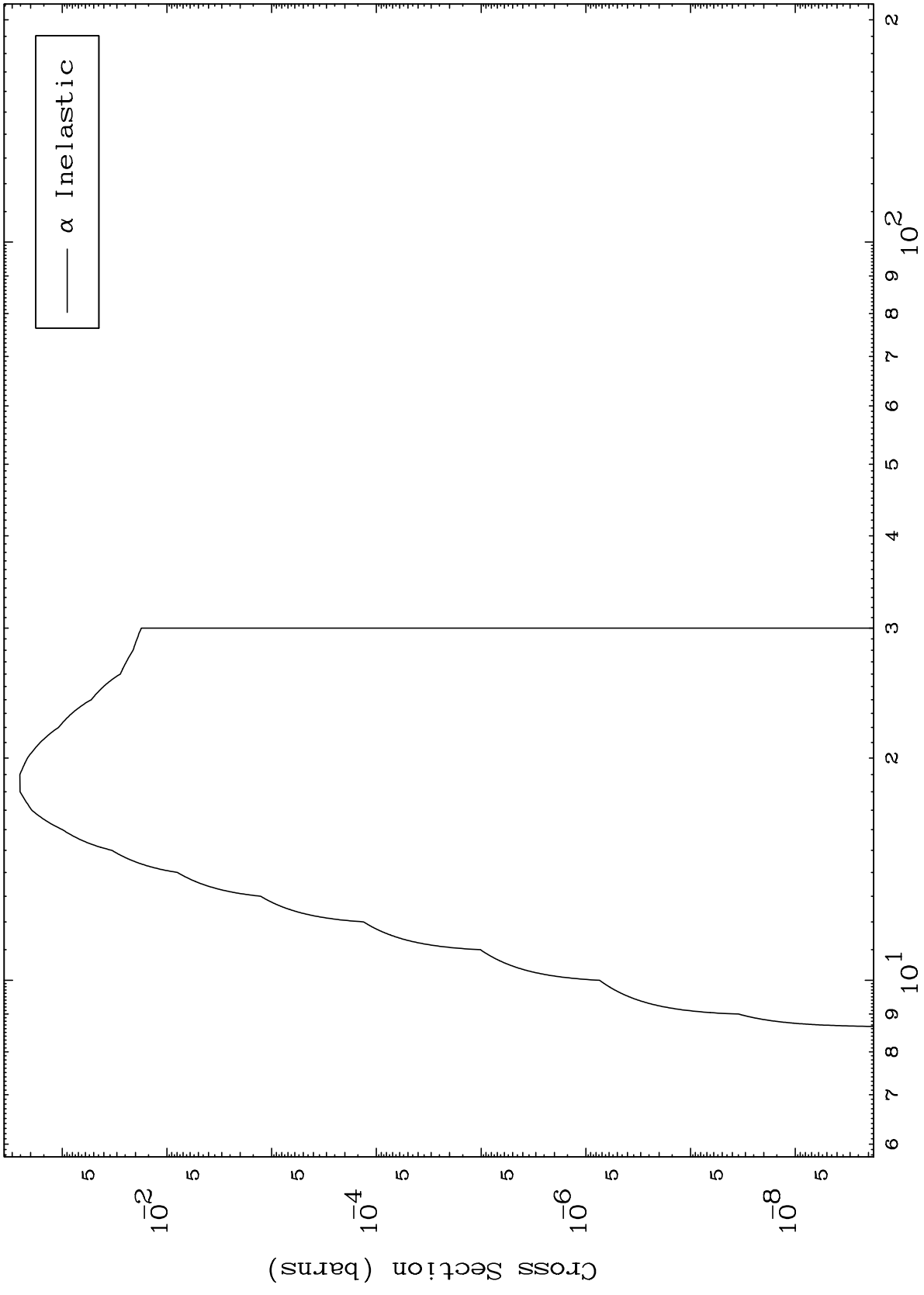


58-Ce-139

MAT 5835

(α, n') Level
0 Kelvin Cross Sections

58-Ce-139



5

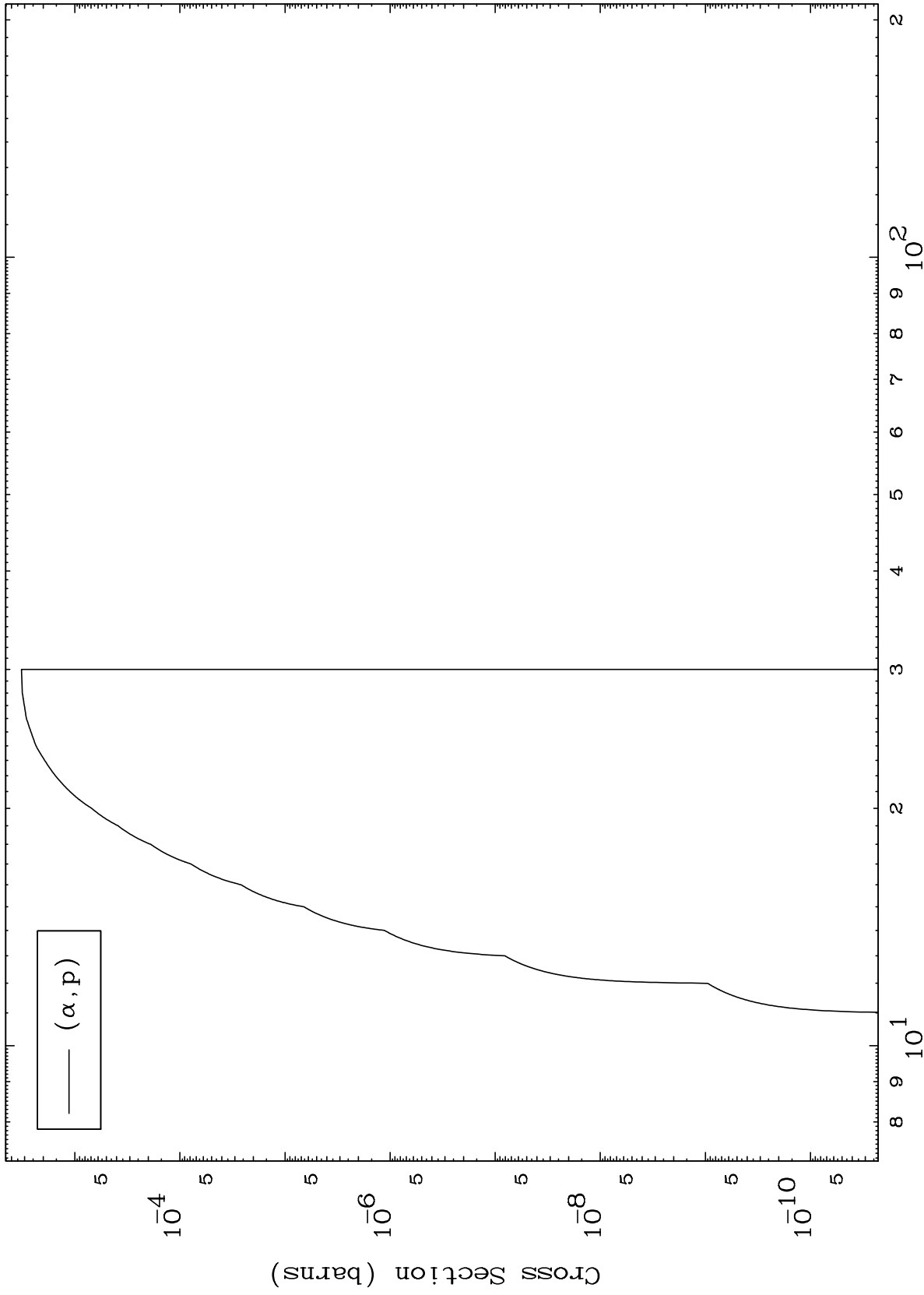
Incident Energy (MeV)

58-Ce-139

MAT 5835

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-139



6

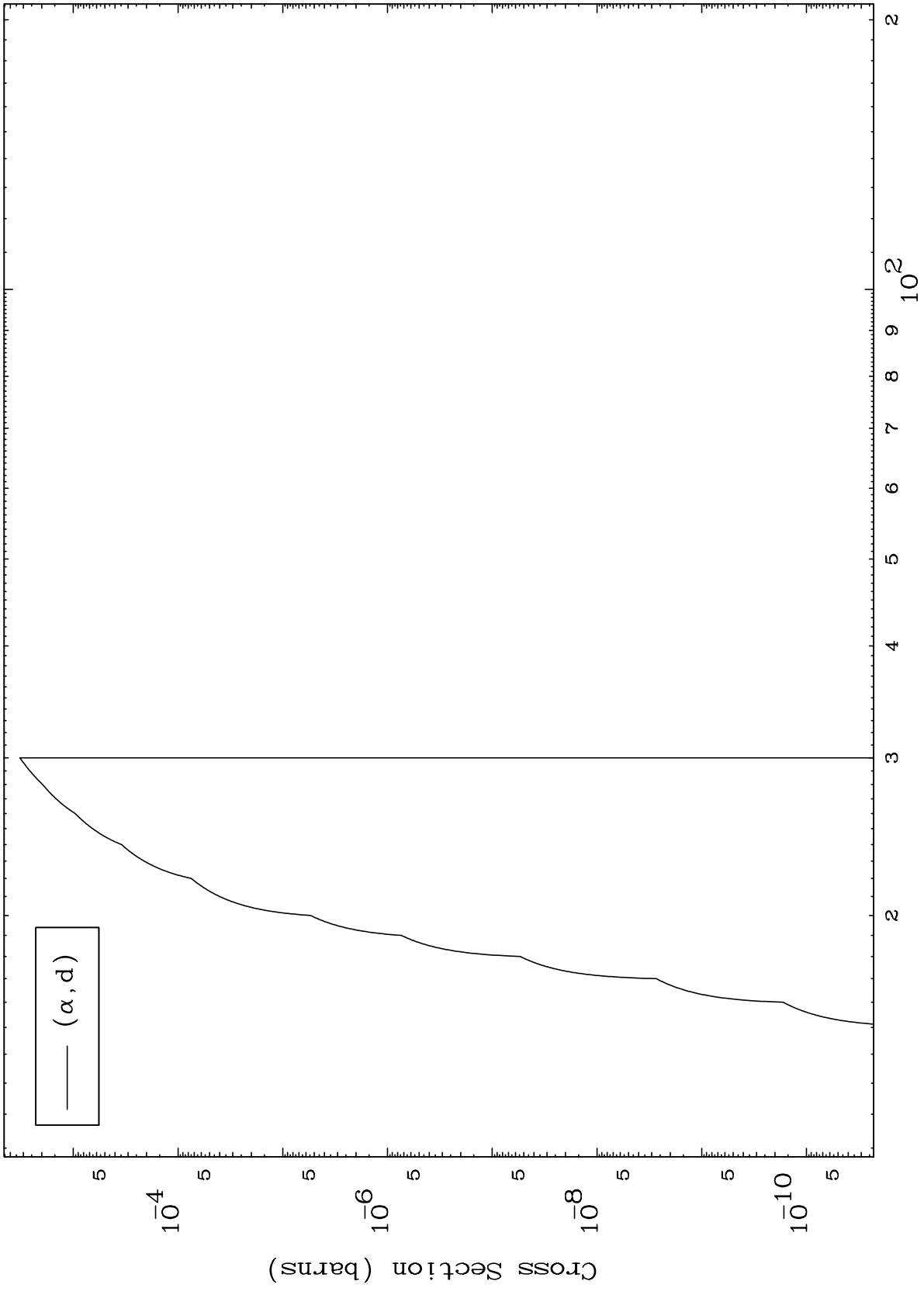
Incident Energy (MeV)

58-Ce-139

MAT 5835

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-139



7

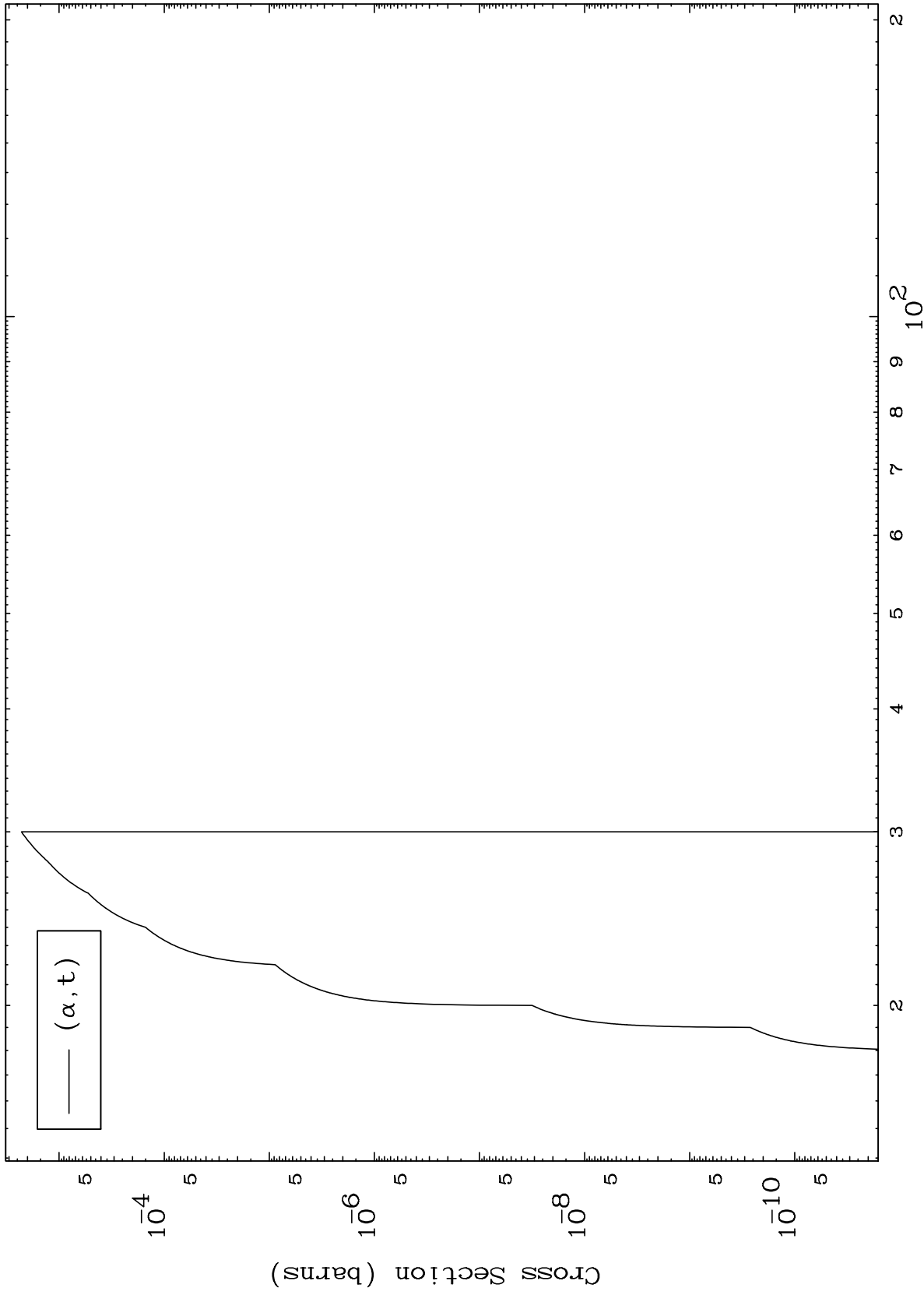
Incident Energy (MeV)

58-Ce-139

MAT 5835

(α, t) Levels
0 Kelvin Cross Sections

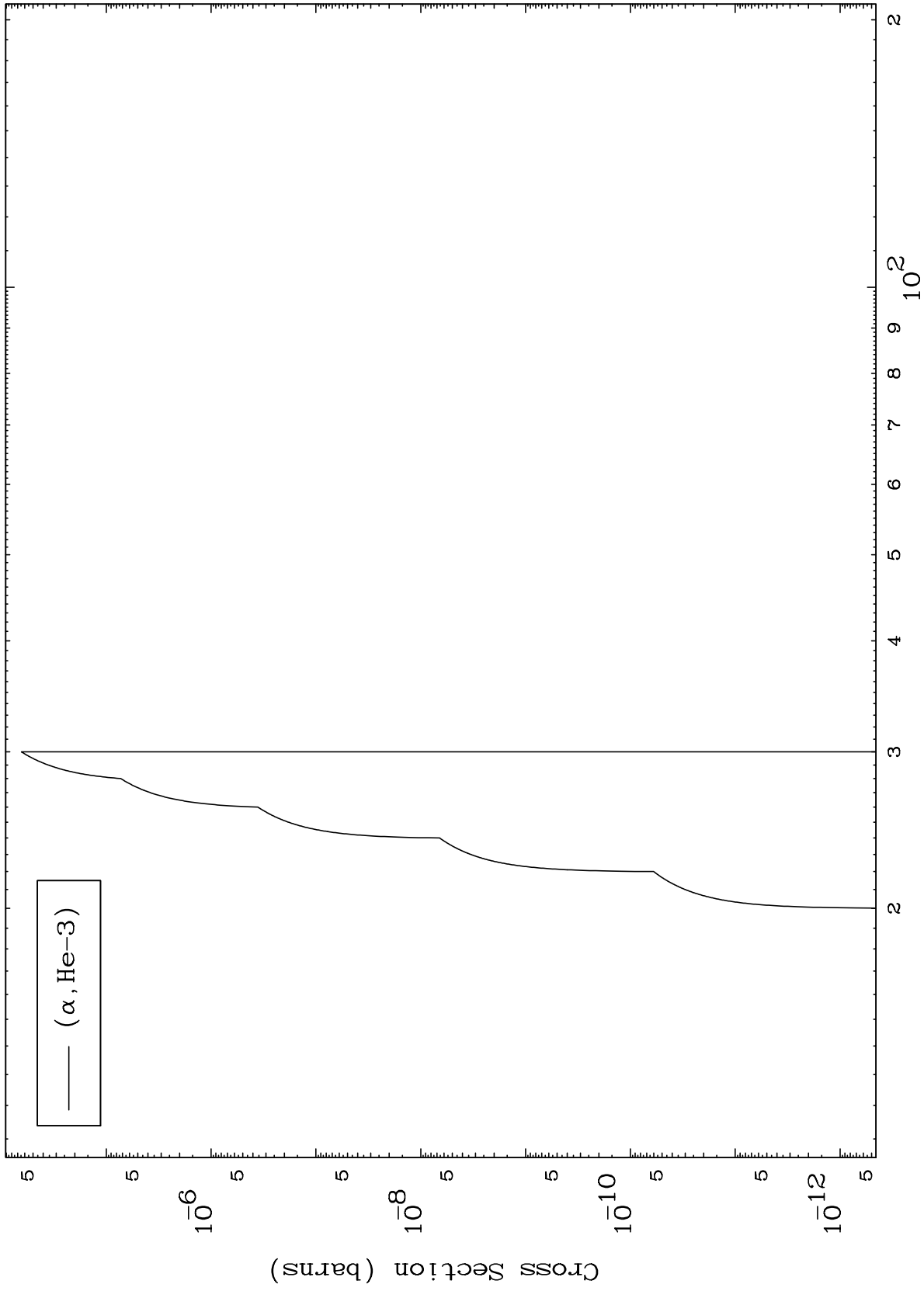
58-Ce-139



8

Incident Energy (MeV)

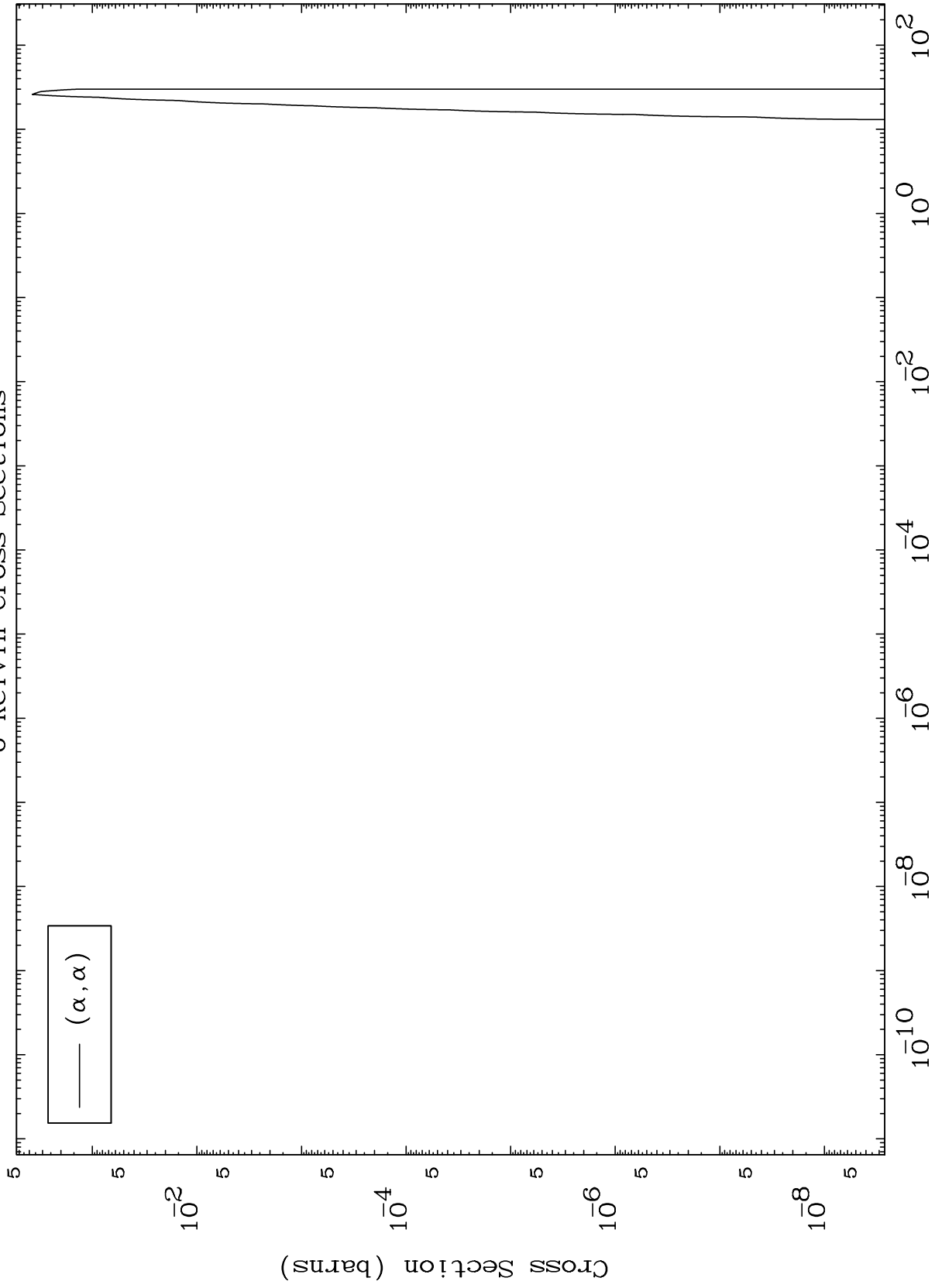
58-Ce-139



MAT 5835

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-139



10

Incident Energy (MeV)

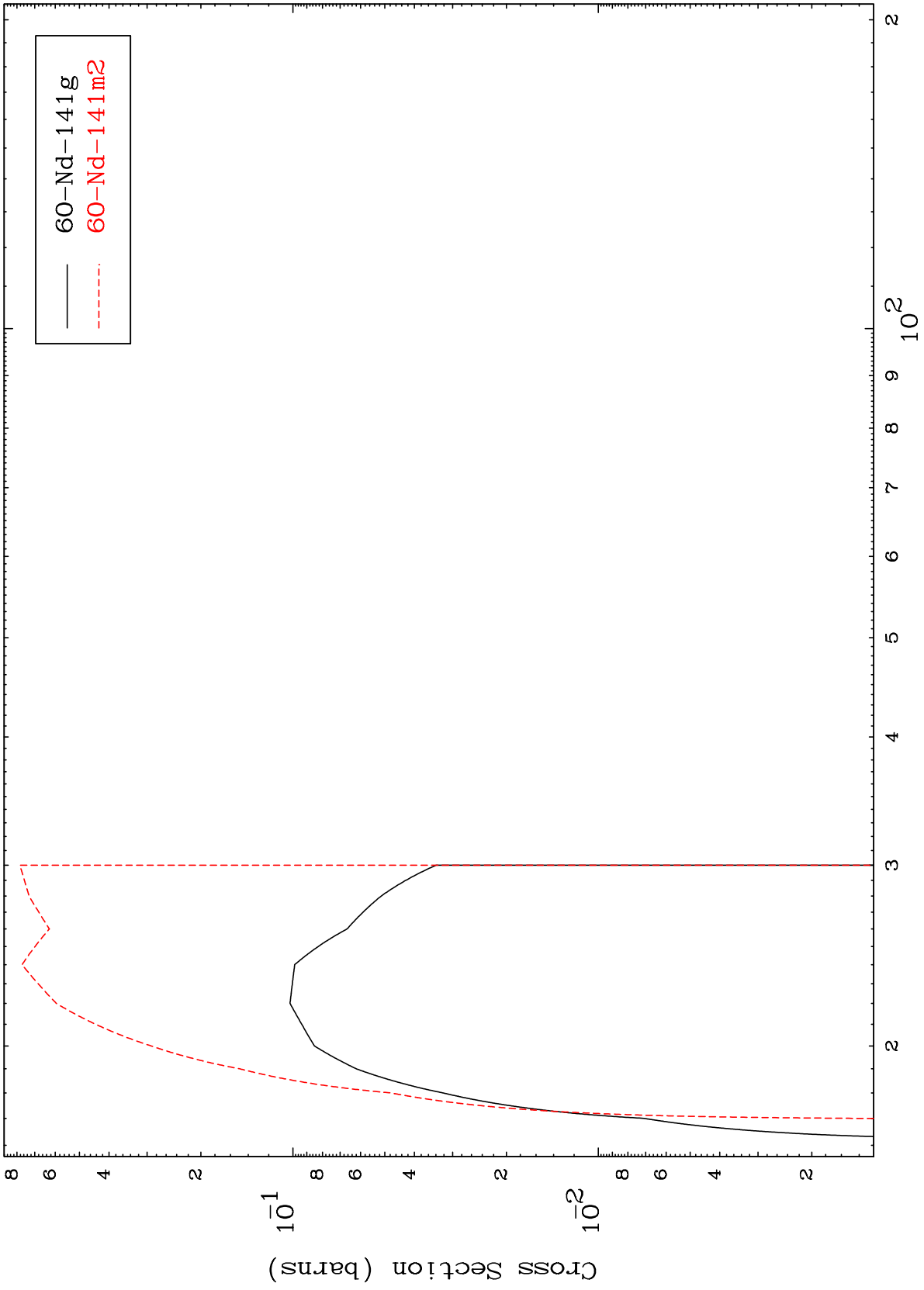
58-Ce-139

MAT 5835

($\alpha, 2n$)

58-Ce-139

Radionuclide Production Cross Section



11

Incident Energy (MeV)

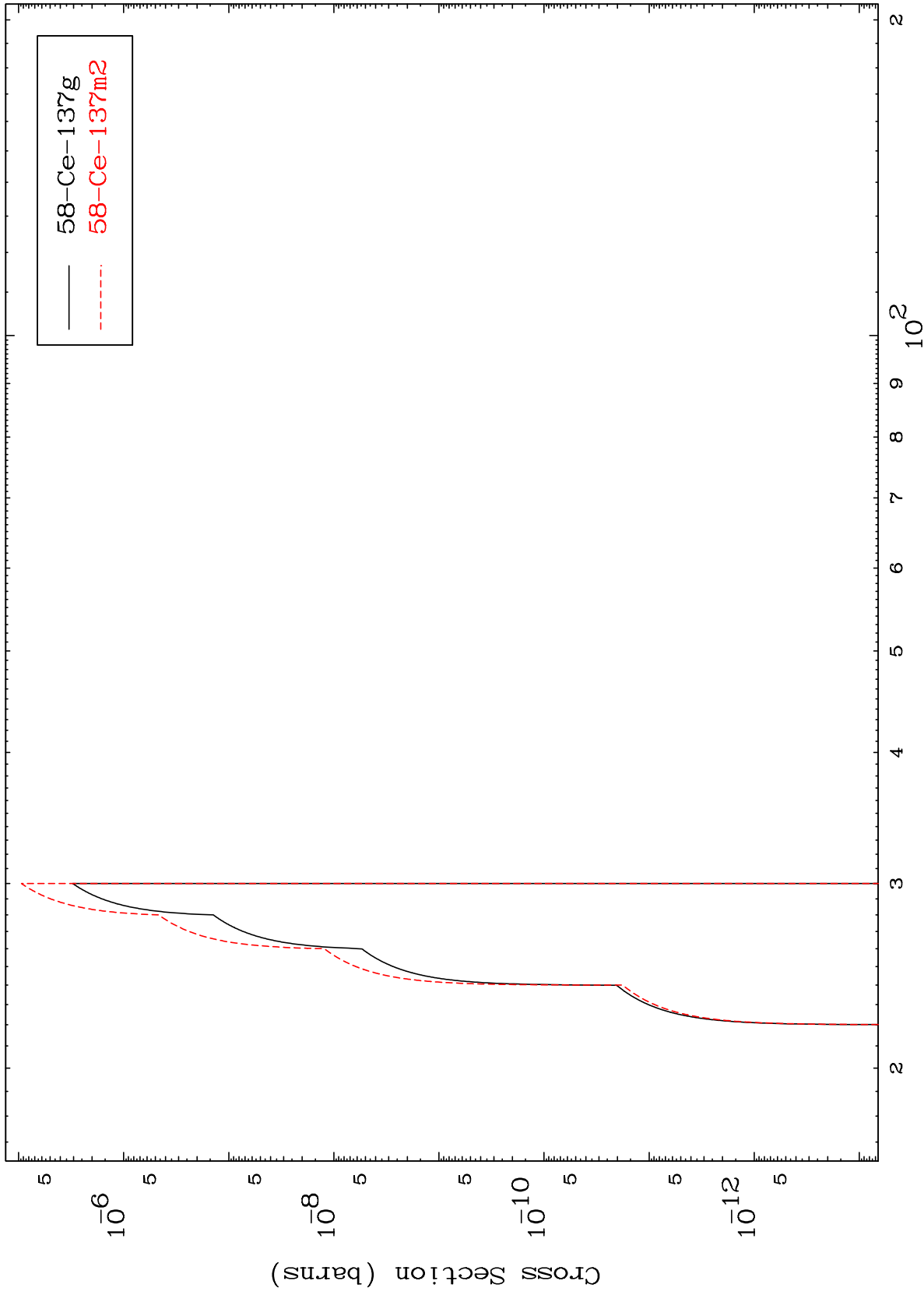
58-Ce-139

MAT 5835

$(\alpha, 2n) \alpha$

58-Ce-139

Radionuclide Production Cross Section



12

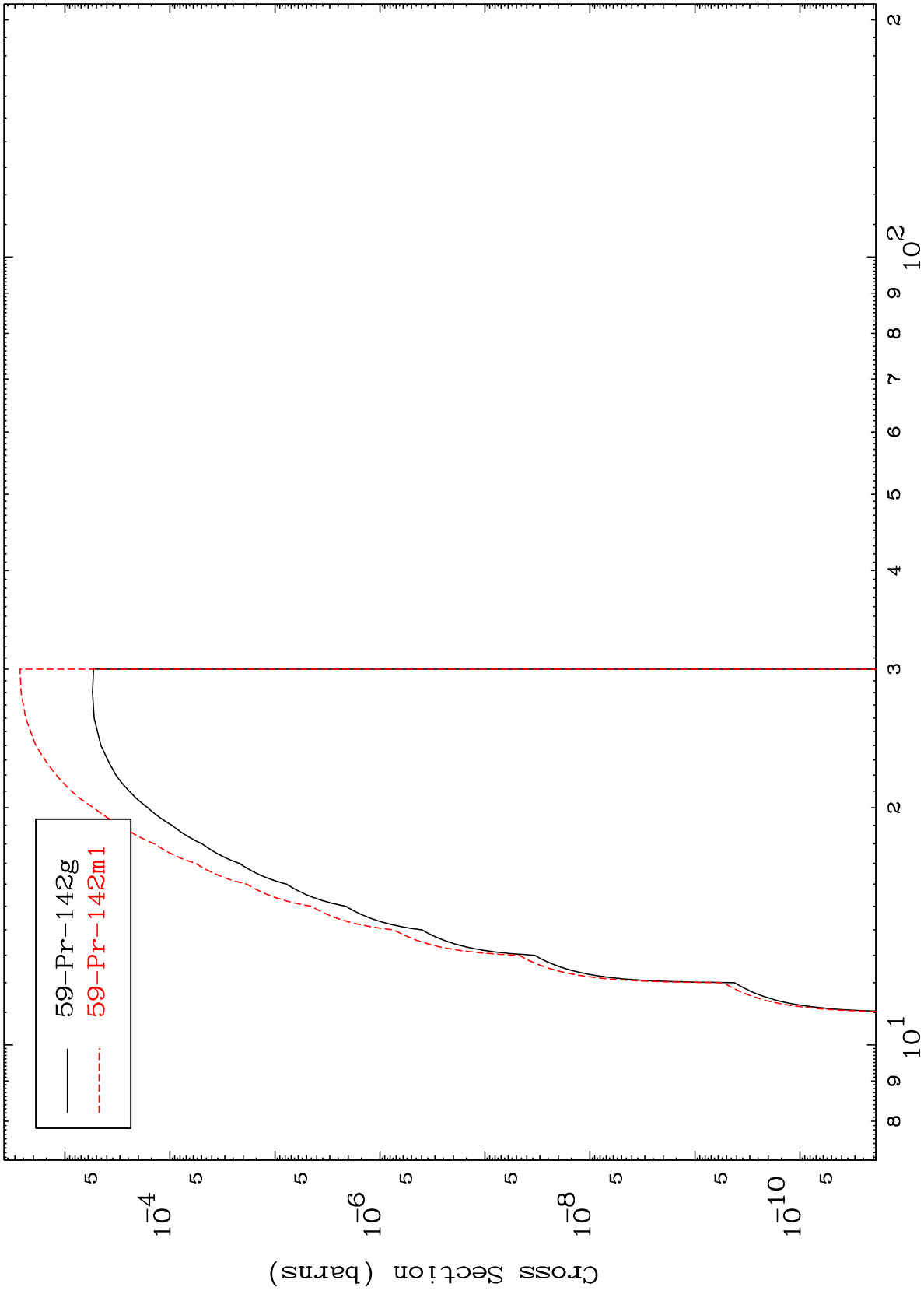
Incident Energy (MeV)

58-Ce-139

MAT 5835

58-Ce-139

(α, p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

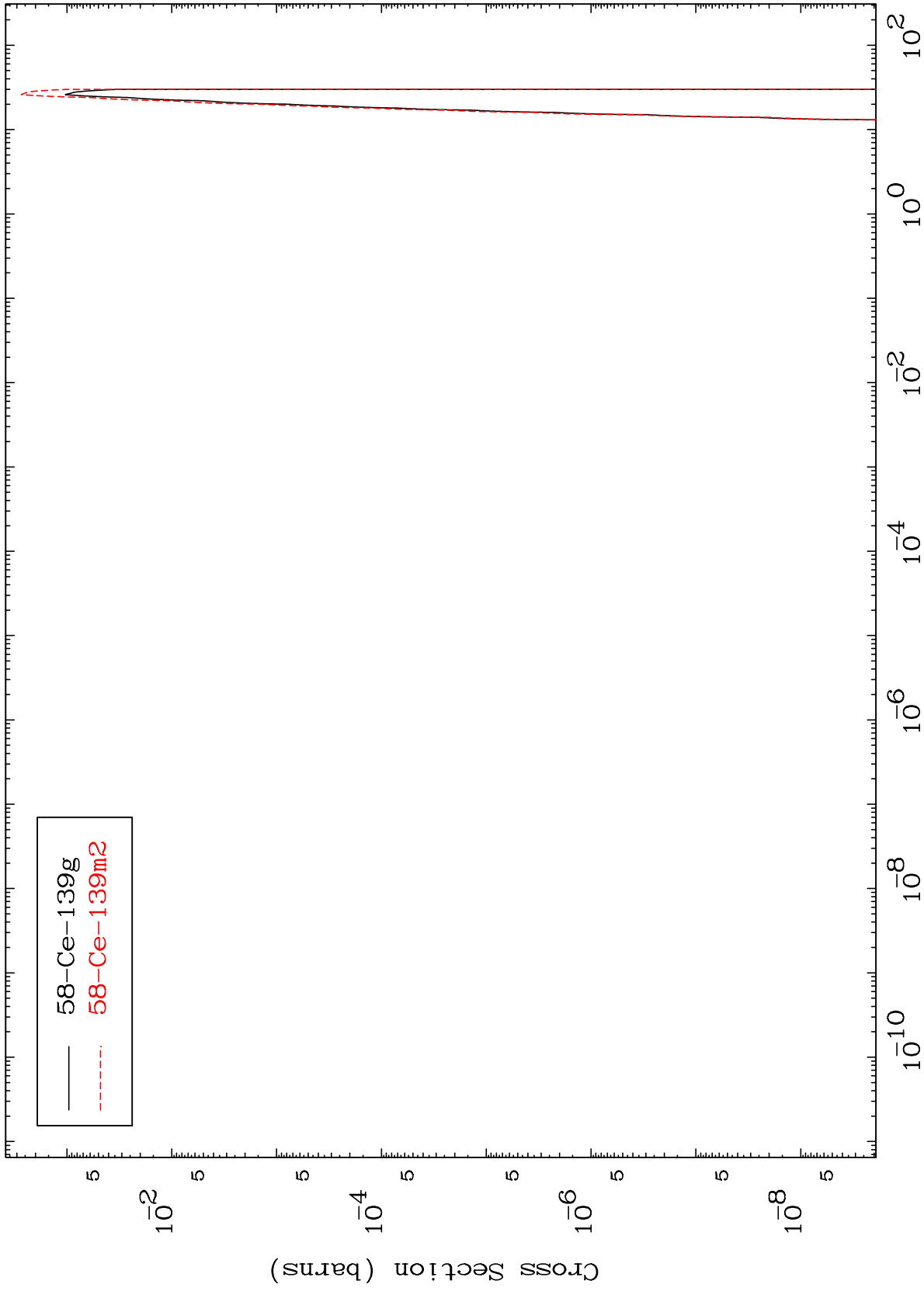
58-Ce-139

MAT 5835

(α, α)

58-Ce-139

Radionuclide Production Cross Section

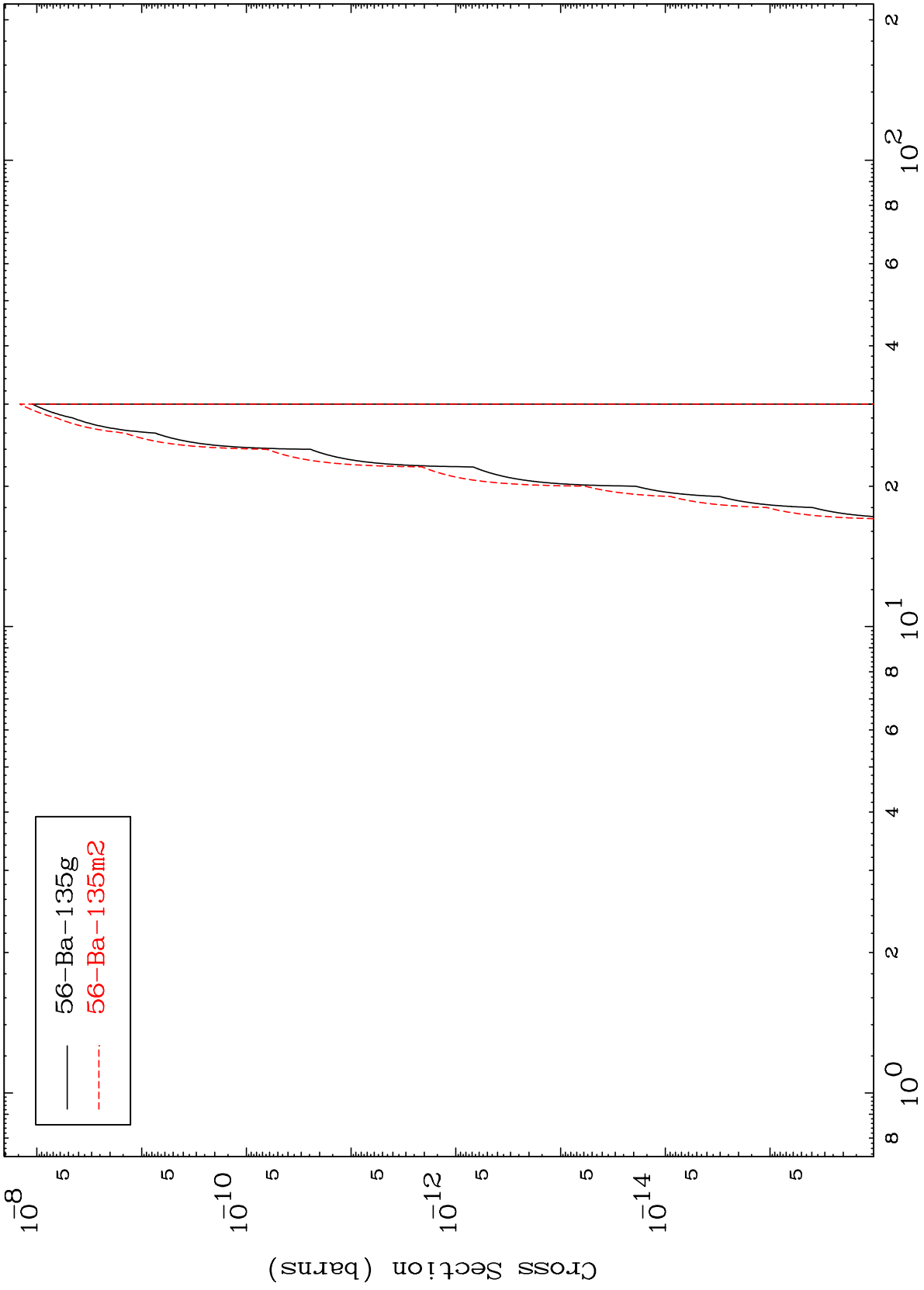


MAT 5835

($\alpha, 2\alpha$)

58-Ce-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

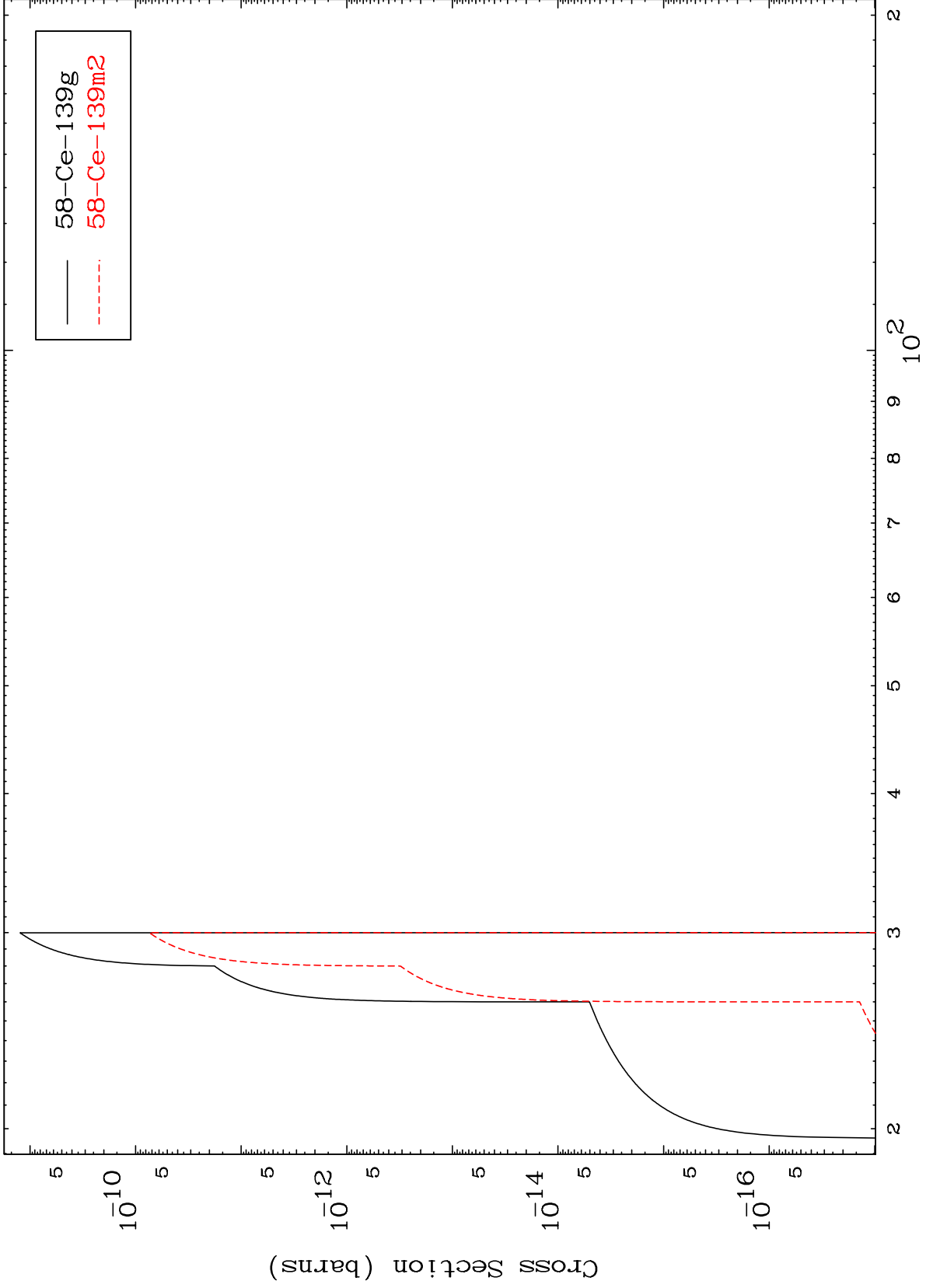
58-Ce-139

MAT 5835

(α, p) t

58-Ce-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

58-Ce-139