

Program EVALPLOT
(Version 2018-1)

by

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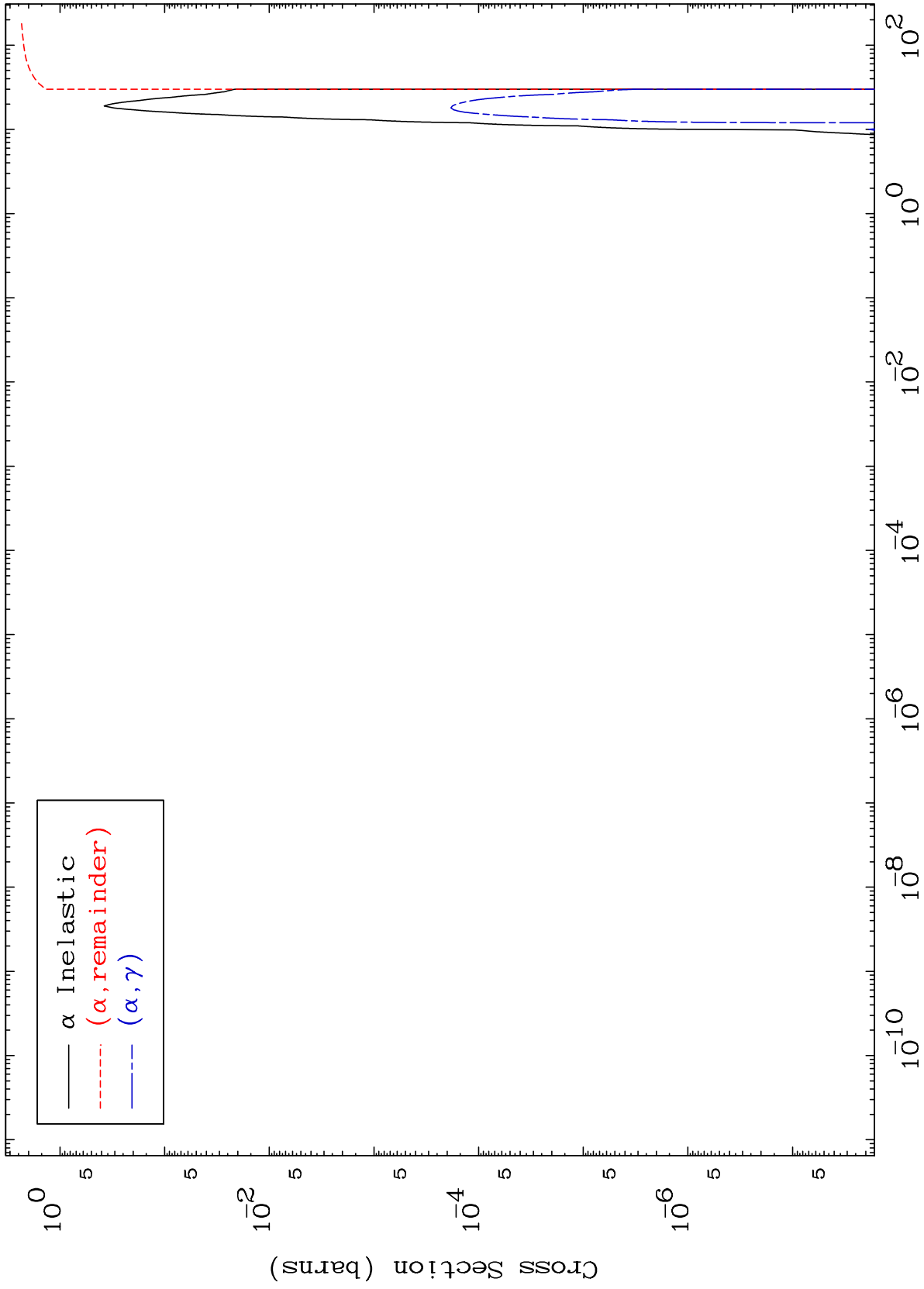
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5828

0 Kelvin α Major
Cross Sections

58-Ce-137



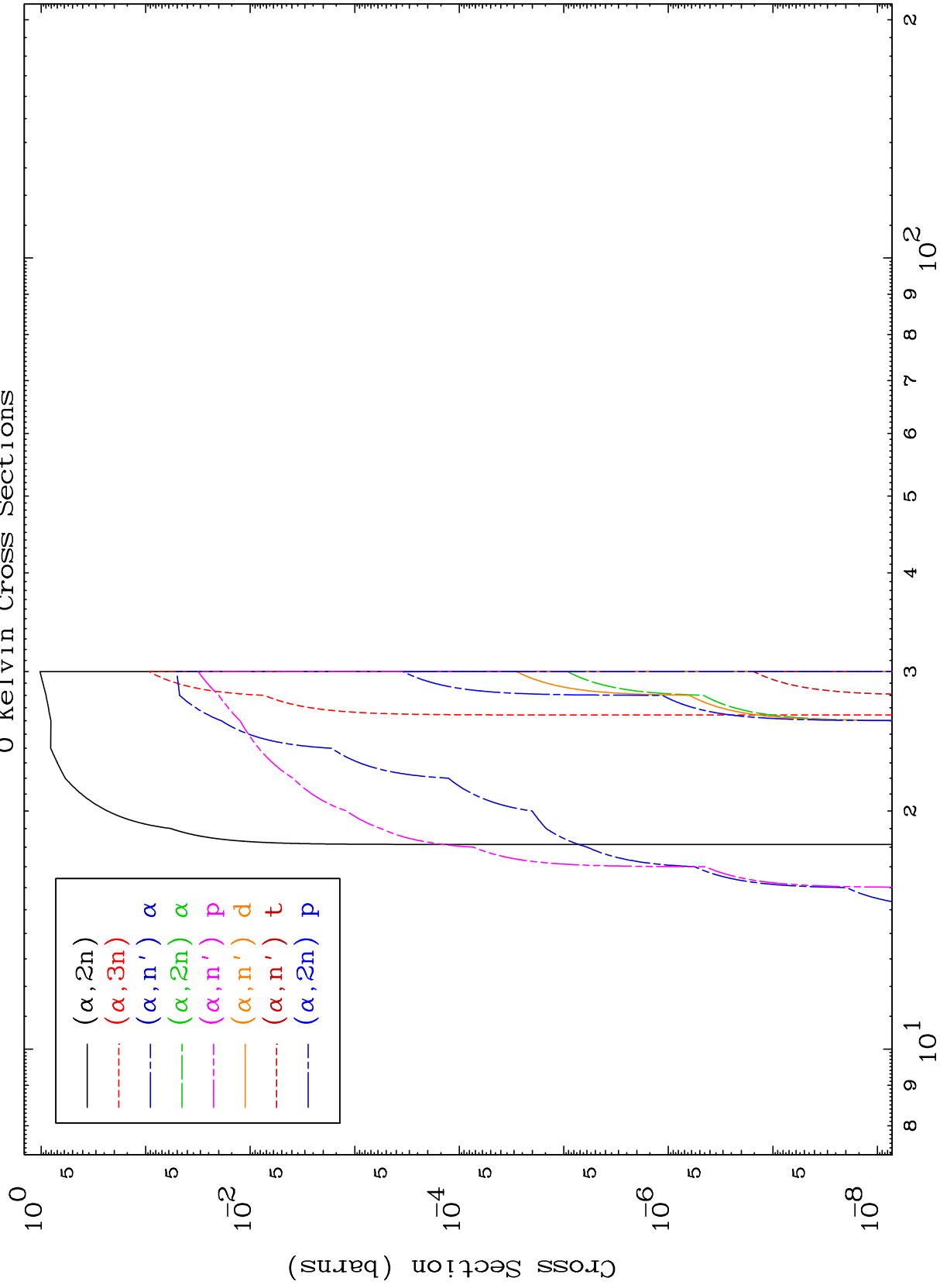
1

58-Ce-137

MAT 5828

α Neutron Production
0 Kelvin Cross Sections

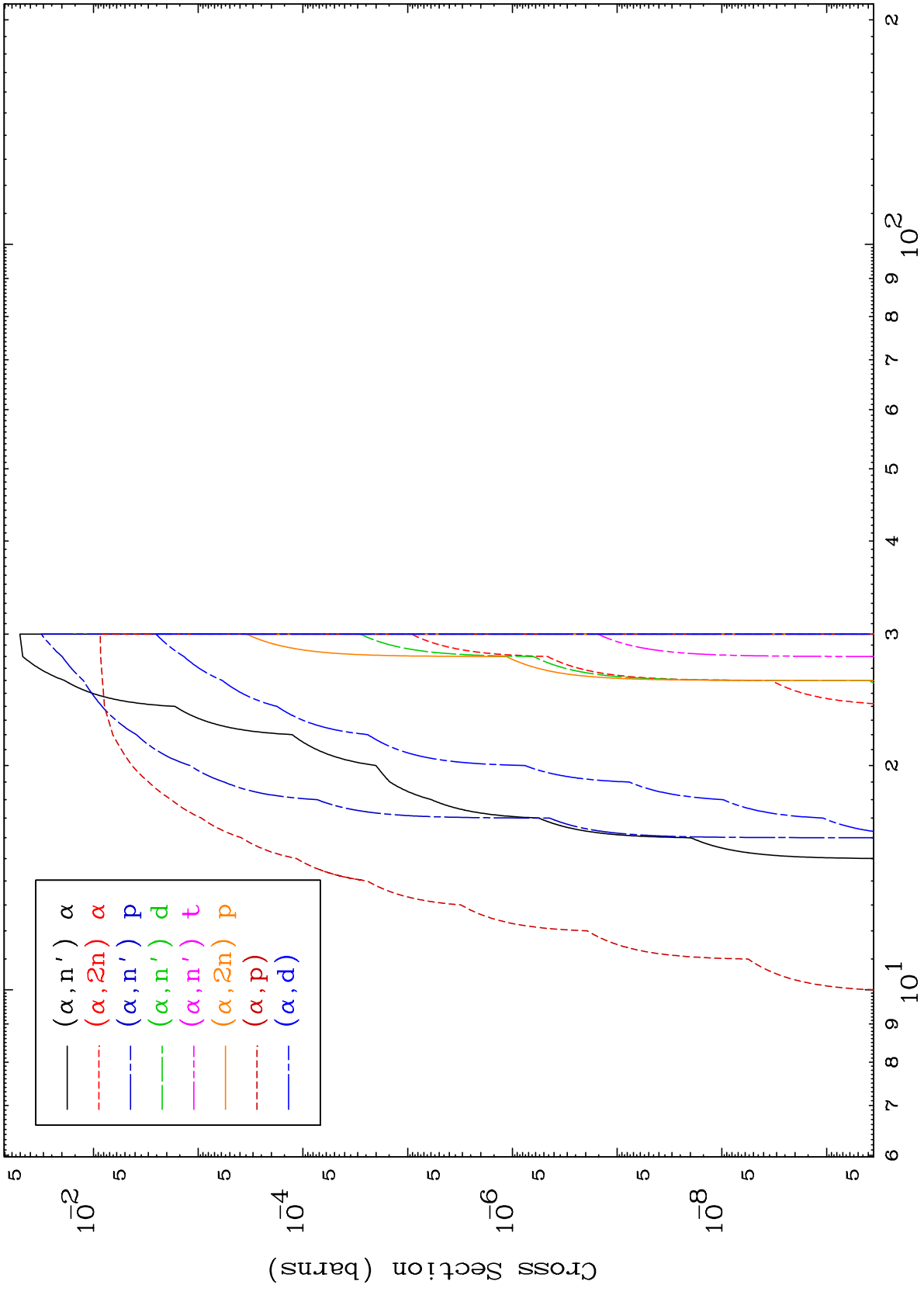
58-Ce-137

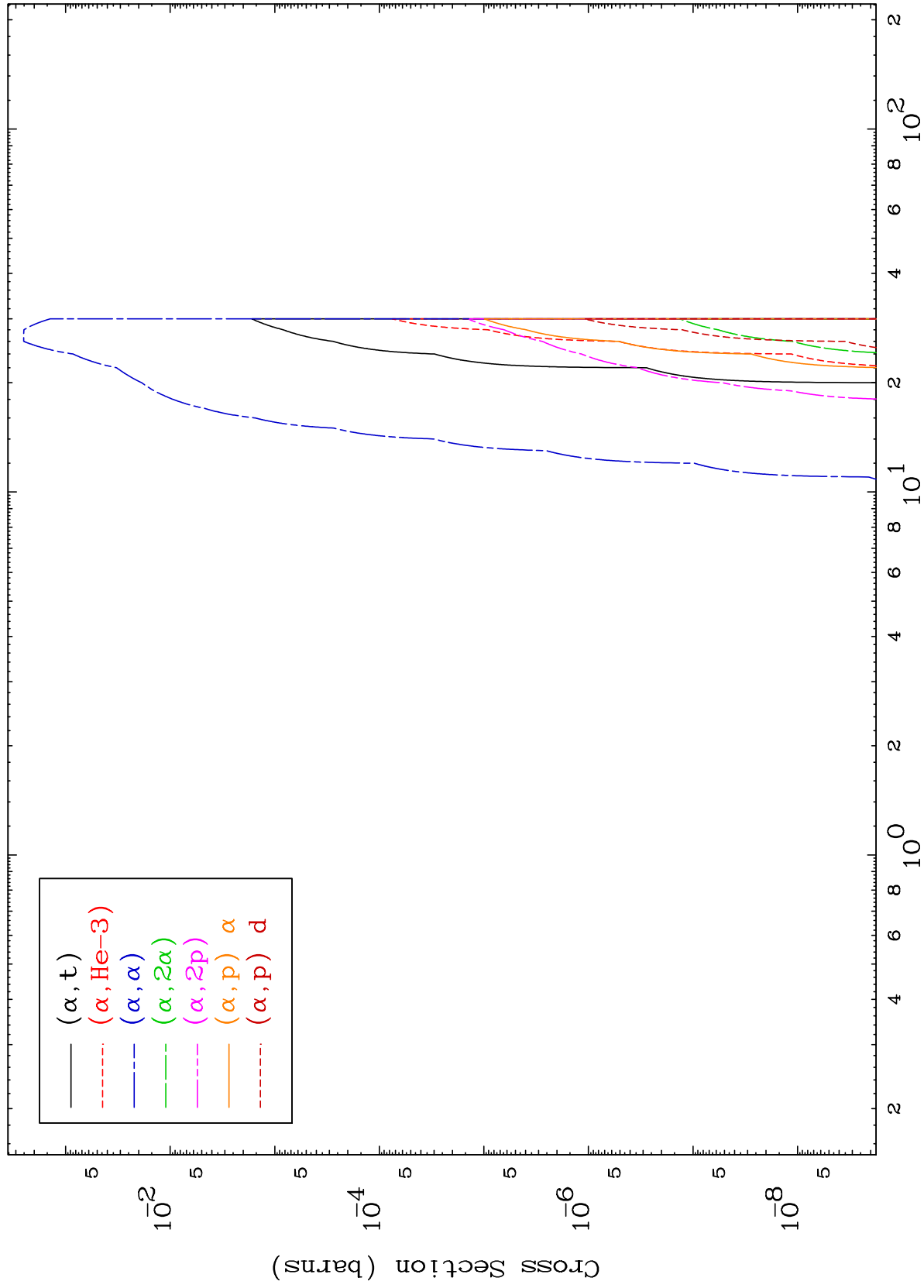


2

Incident Energy (MeV)

58-Ce-137

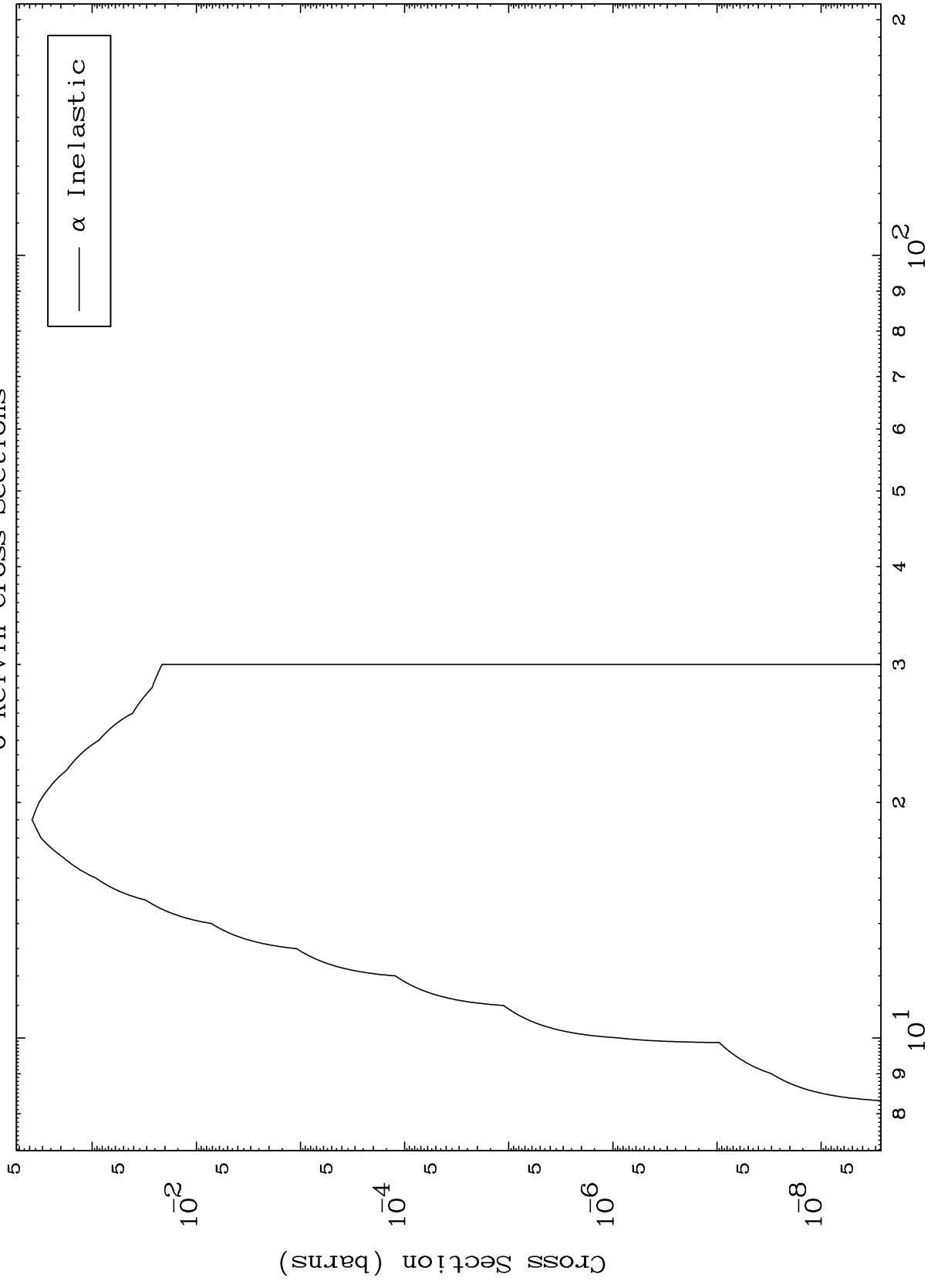




MAT 5828

(α, n') Level
0 Kelvin Cross Sections

58-Ce-137



5

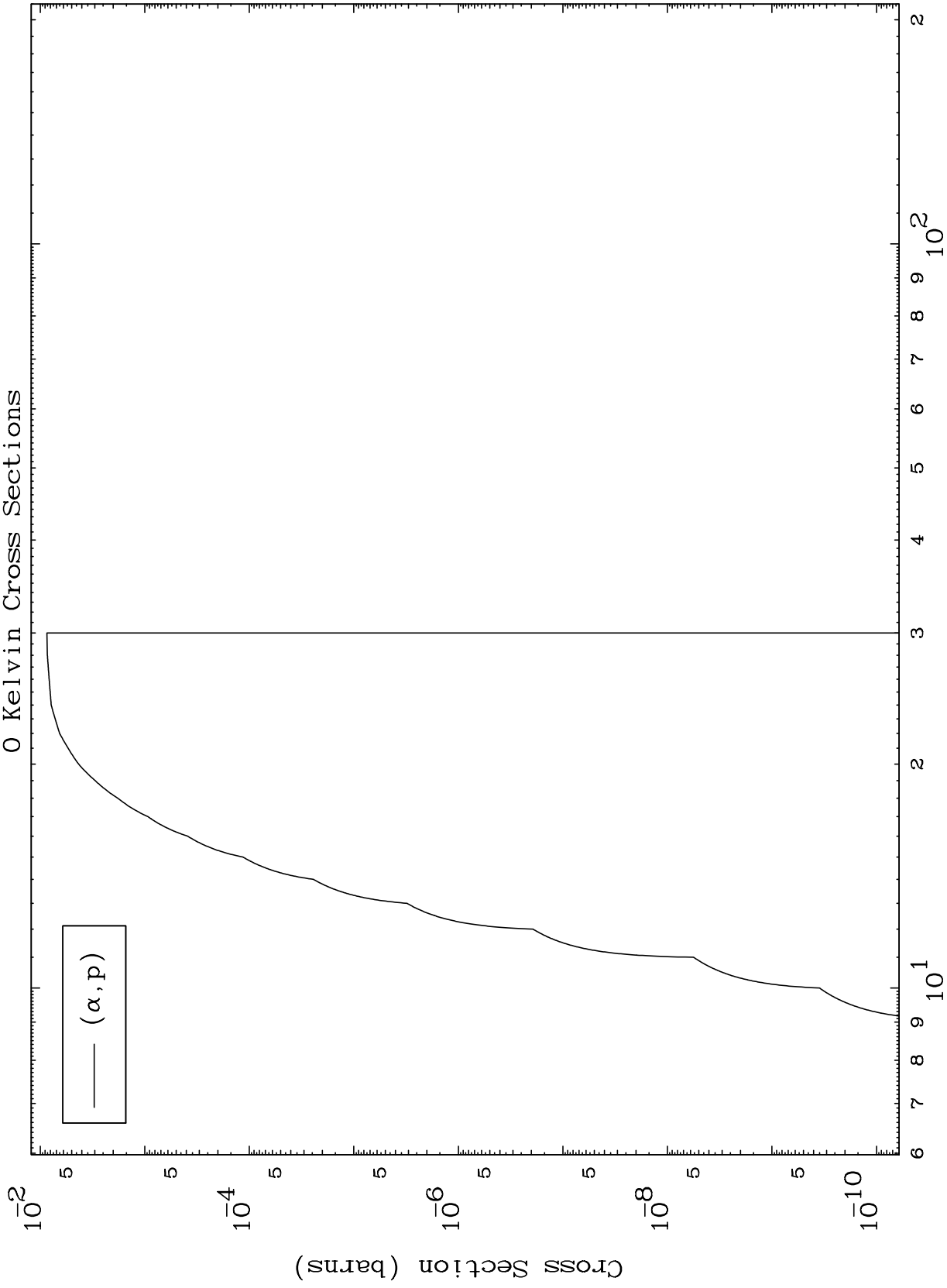
Incident Energy (MeV)

58-Ce-137

MAT 5828

(α, p) Levels
0 Kelvin Cross Sections

58-Ce-137



6

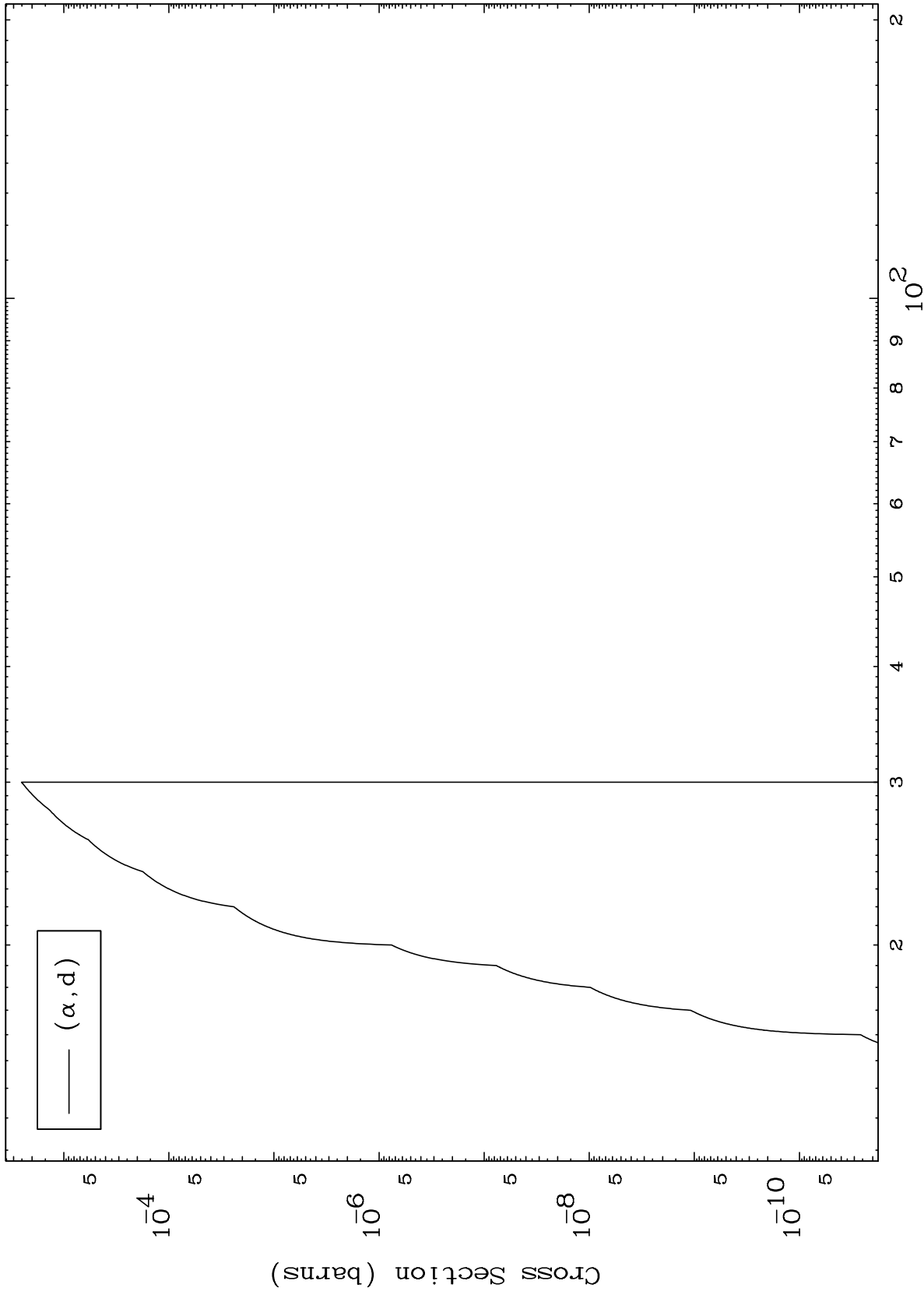
Incident Energy (MeV)

58-Ce-137

MAT 5828

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-137



7

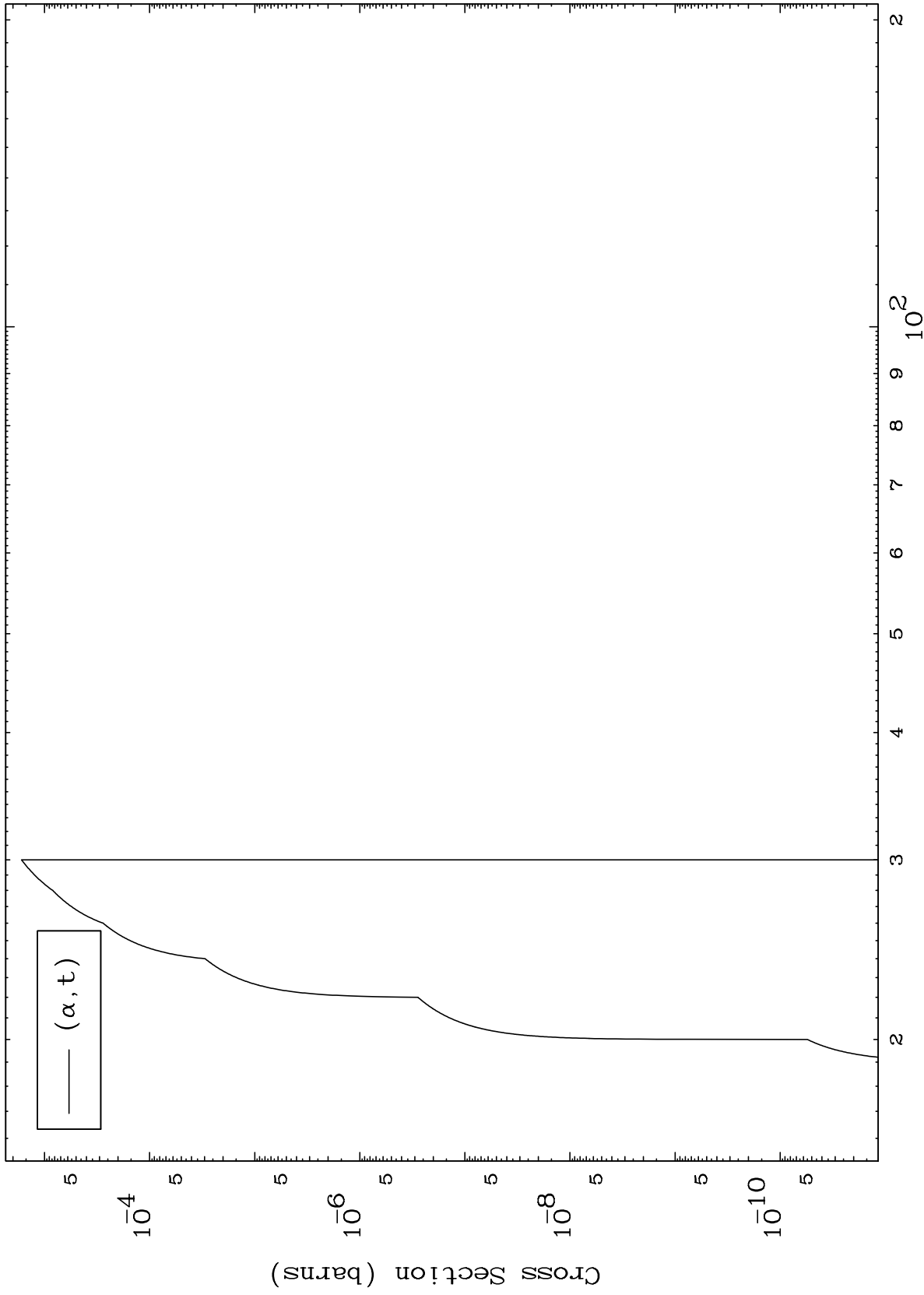
Incident Energy (MeV)

58-Ce-137

MAT 5828

(α, t) Levels
0 Kelvin Cross Sections

58-Ce-137



8

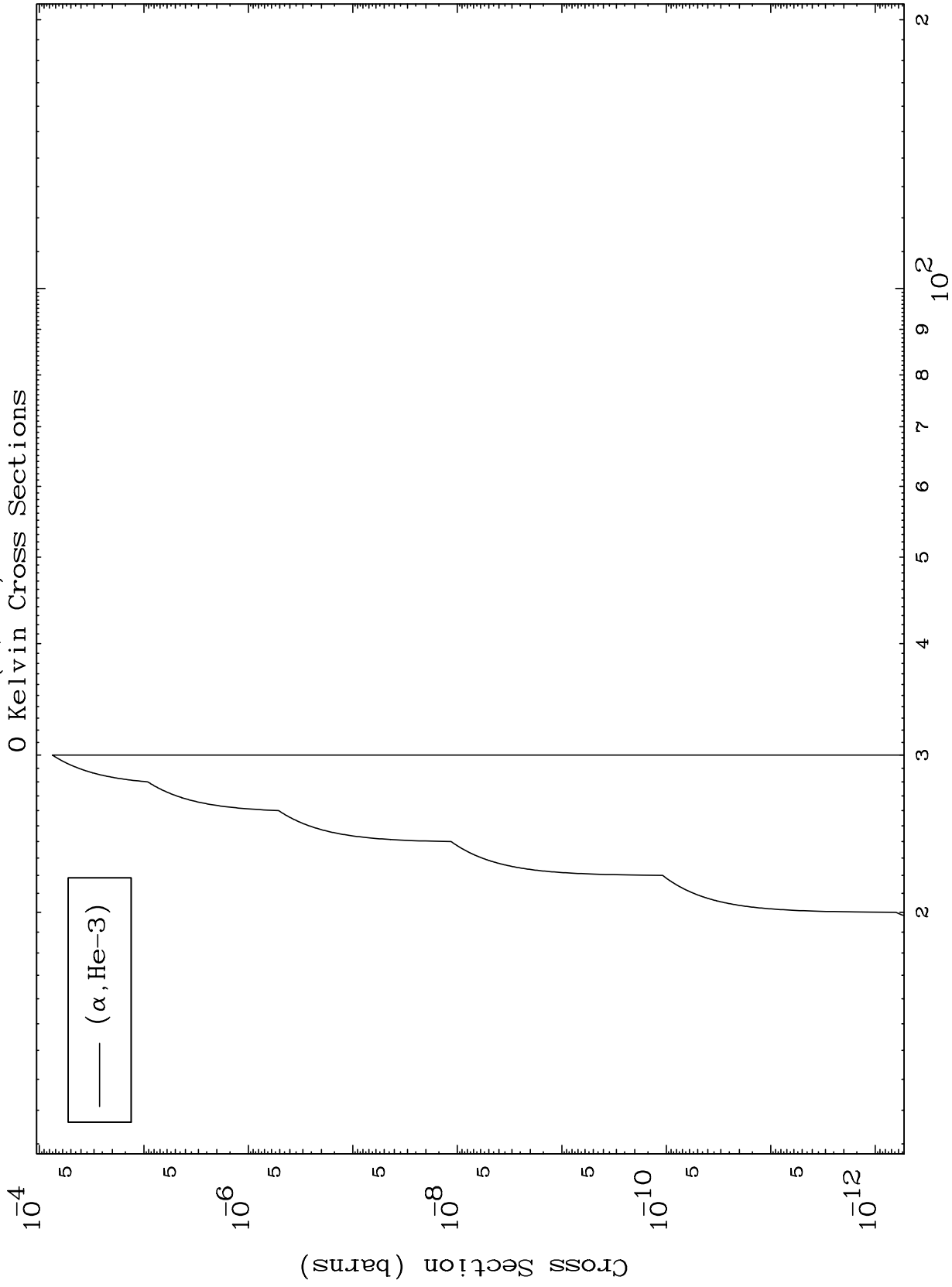
Incident Energy (MeV)

58-Ce-137

MAT 5828

(α ,He3) Levels
0 Kelvin Cross Sections

58-Ce-137



9

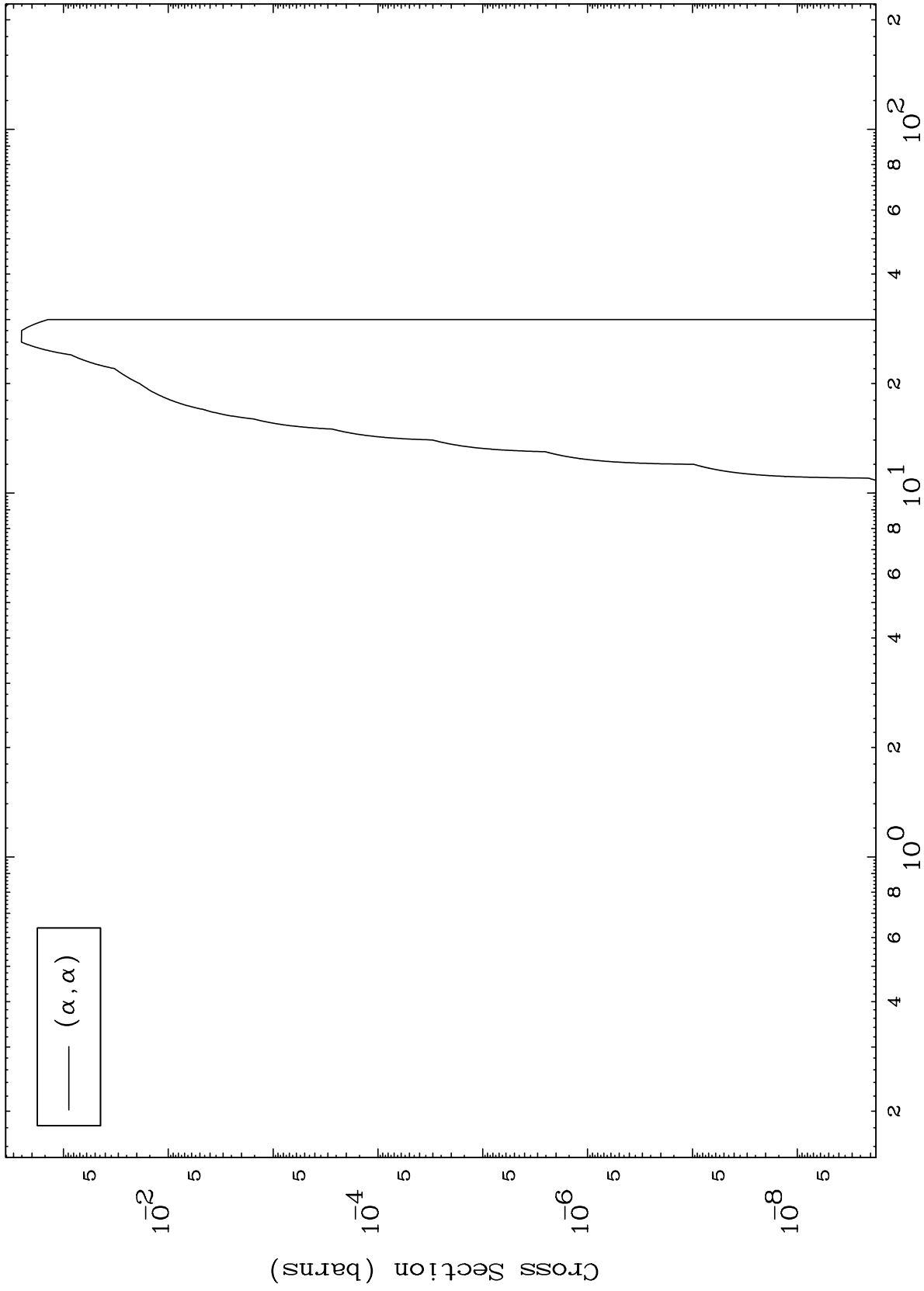
Incident Energy (MeV)

58-Ce-137

MAT 5828

(α, α) Levels
0 Kelvin Cross Sections

58-Ce-137



10

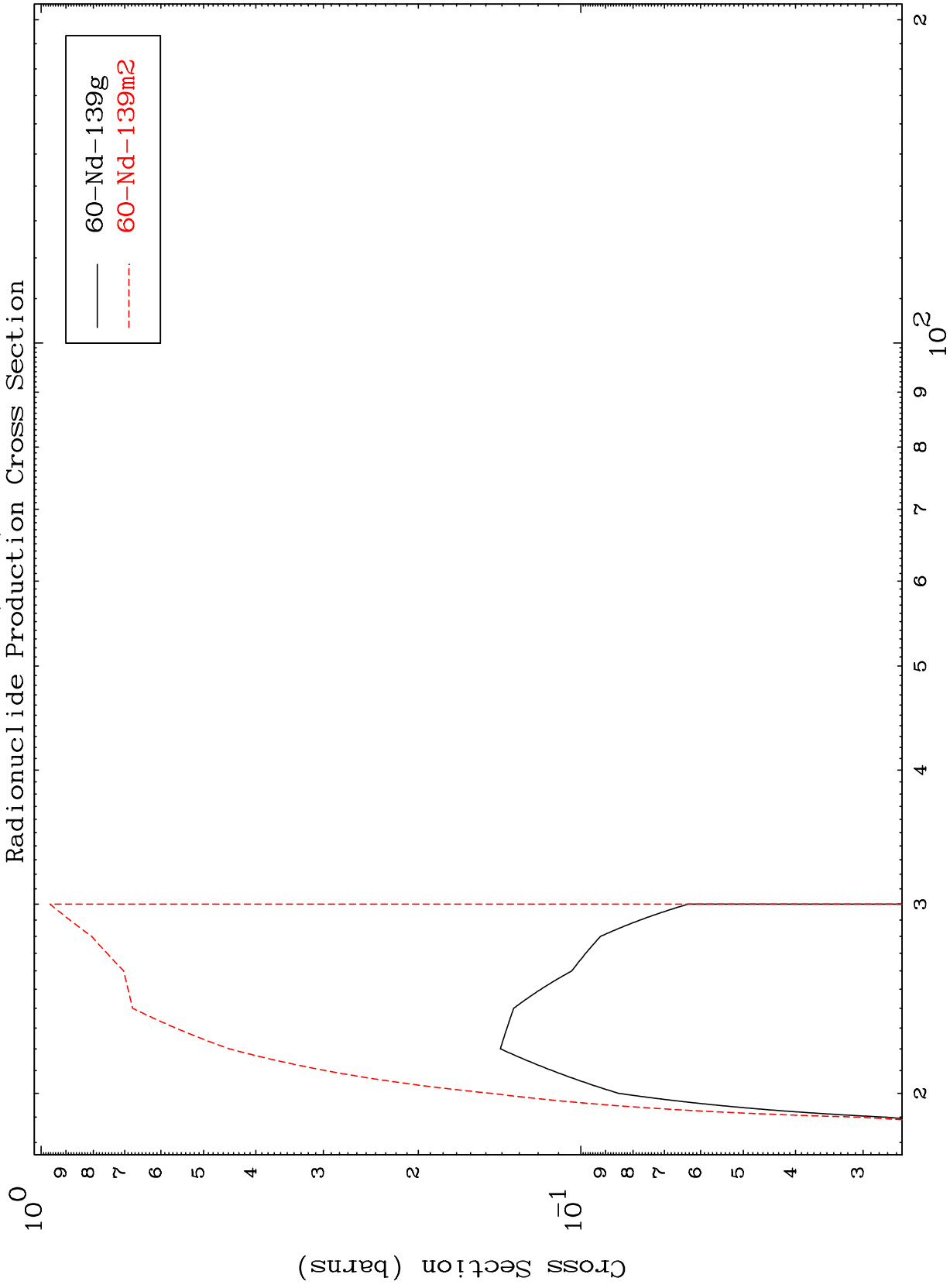
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

Radionuclide Production Cross Section
($\alpha, 2n$)



11

Incident Energy (MeV)

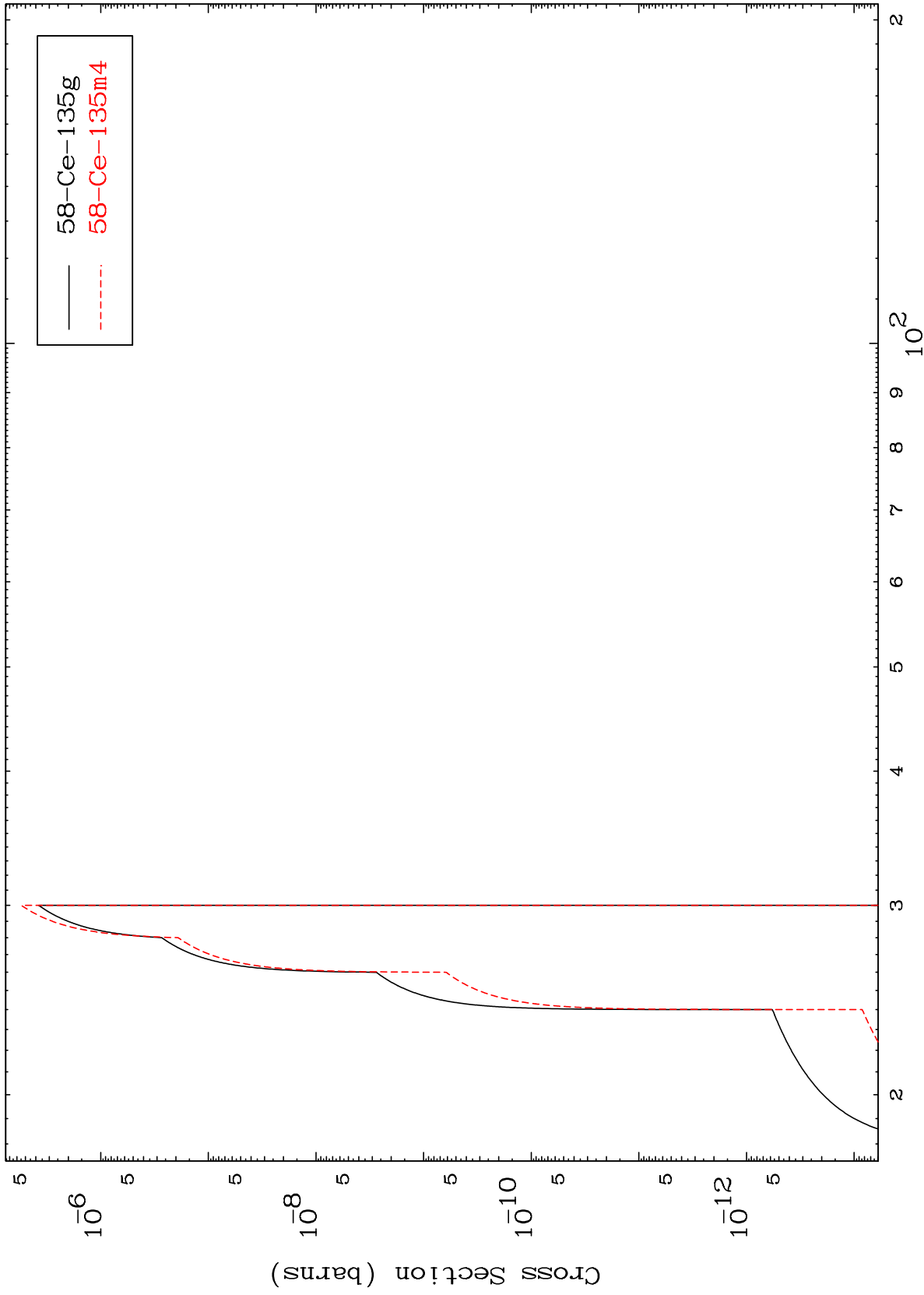
58-Ce-137

MAT 5828

($\alpha, 2n$) α

58-Ce-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

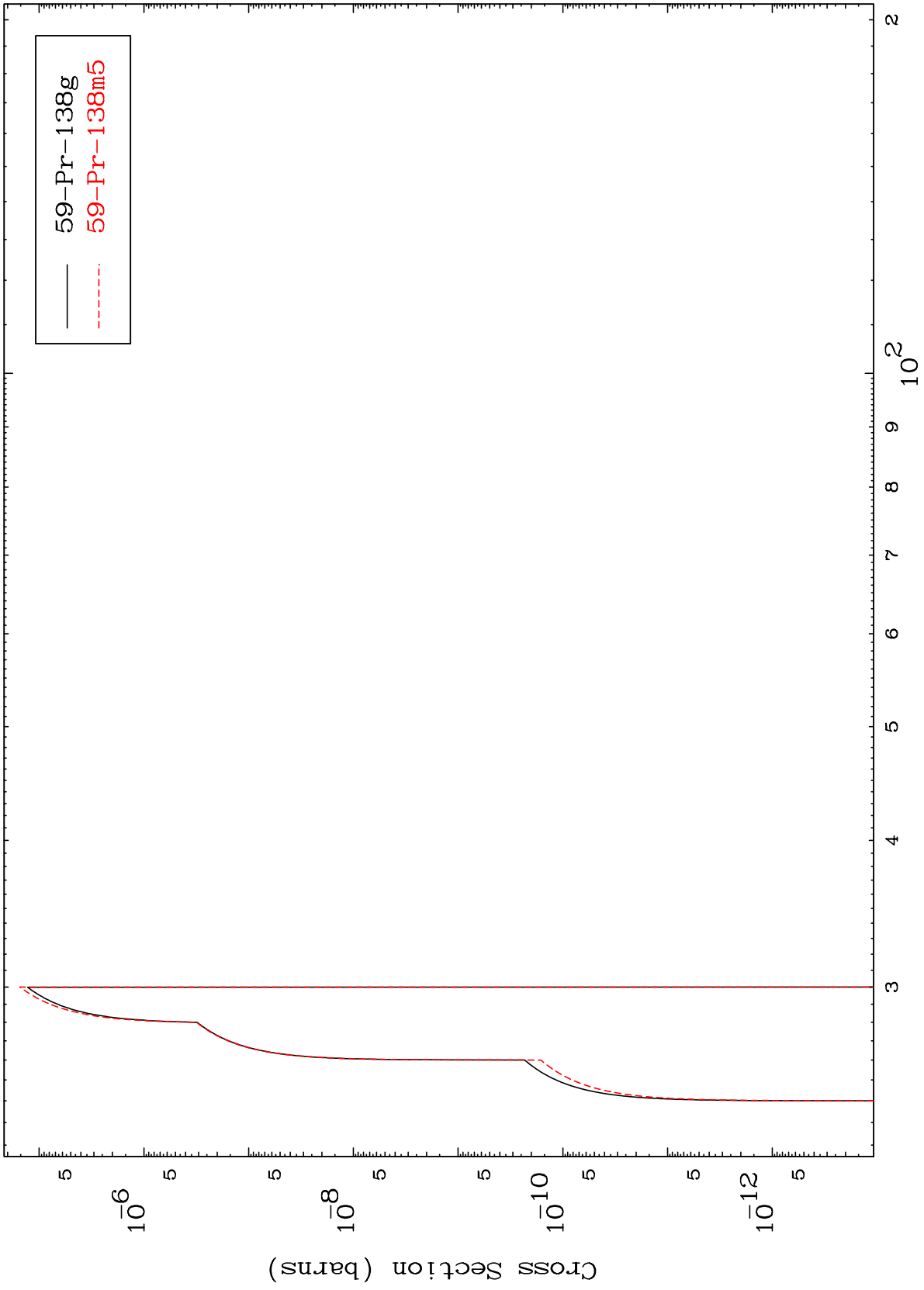
58-Ce-137

MAT 5828

(α, n') d

58-Ce-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

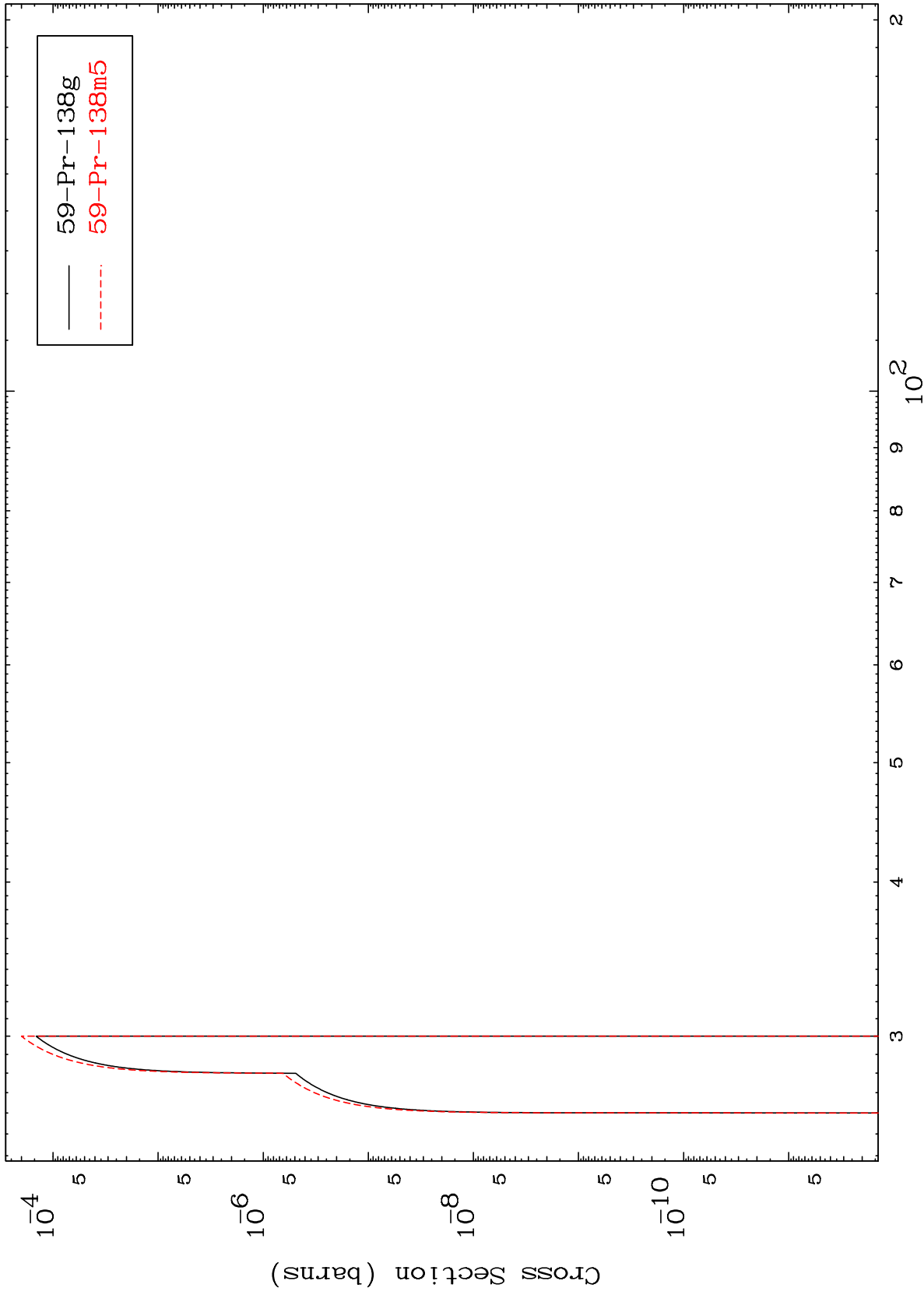
58-Ce-137

MAT 5828

($\alpha, 2n$) p

58-Ce-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

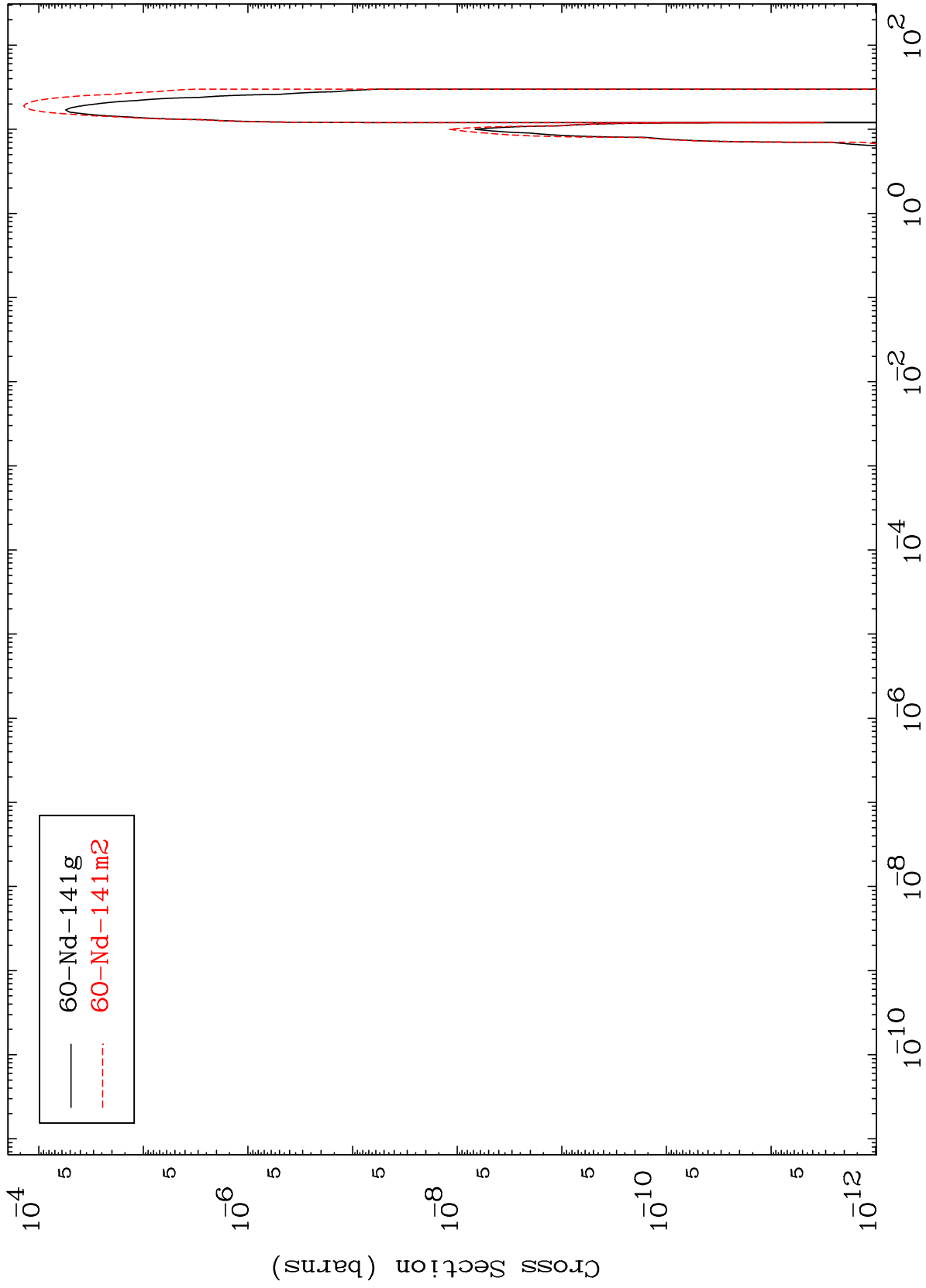
58-Ce-137

MAT 5828

(α, γ)

58-Ce-137

Radionuclide Production Cross Section



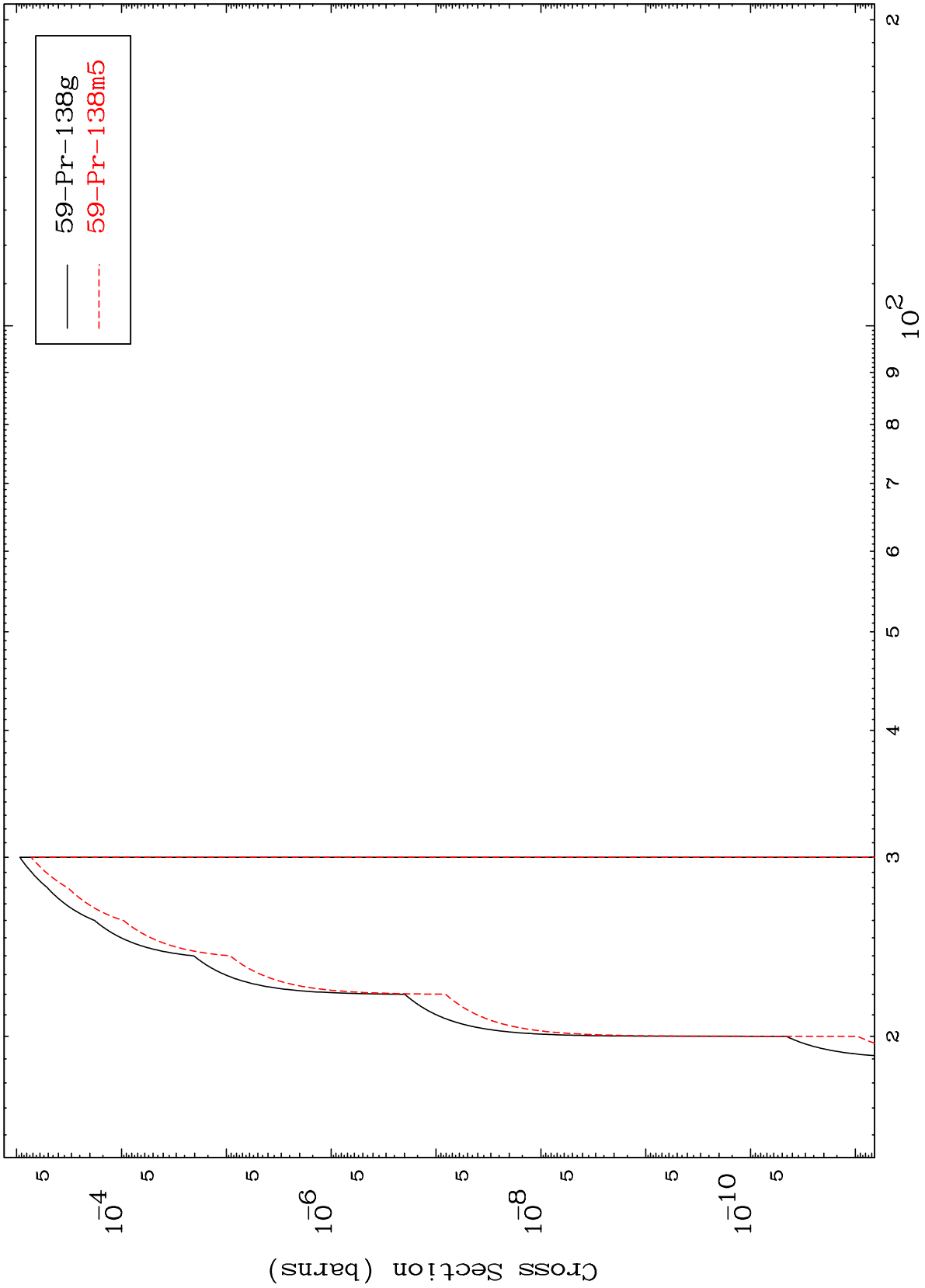
15

58-Ce-137

MAT 5828

58-Ce-137

(α, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

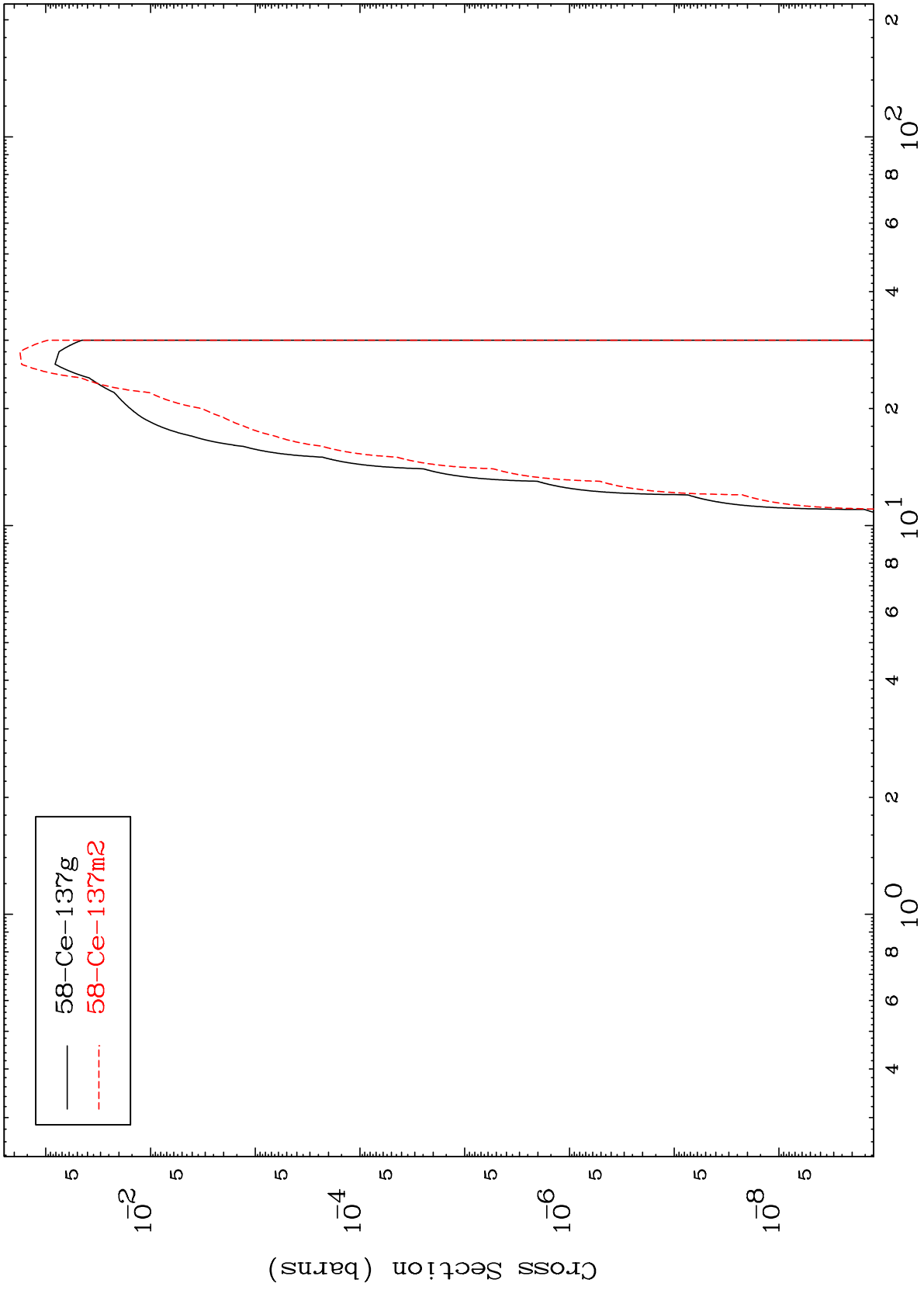
58-Ce-137

MAT 5828

(α, α)

58-Ce-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

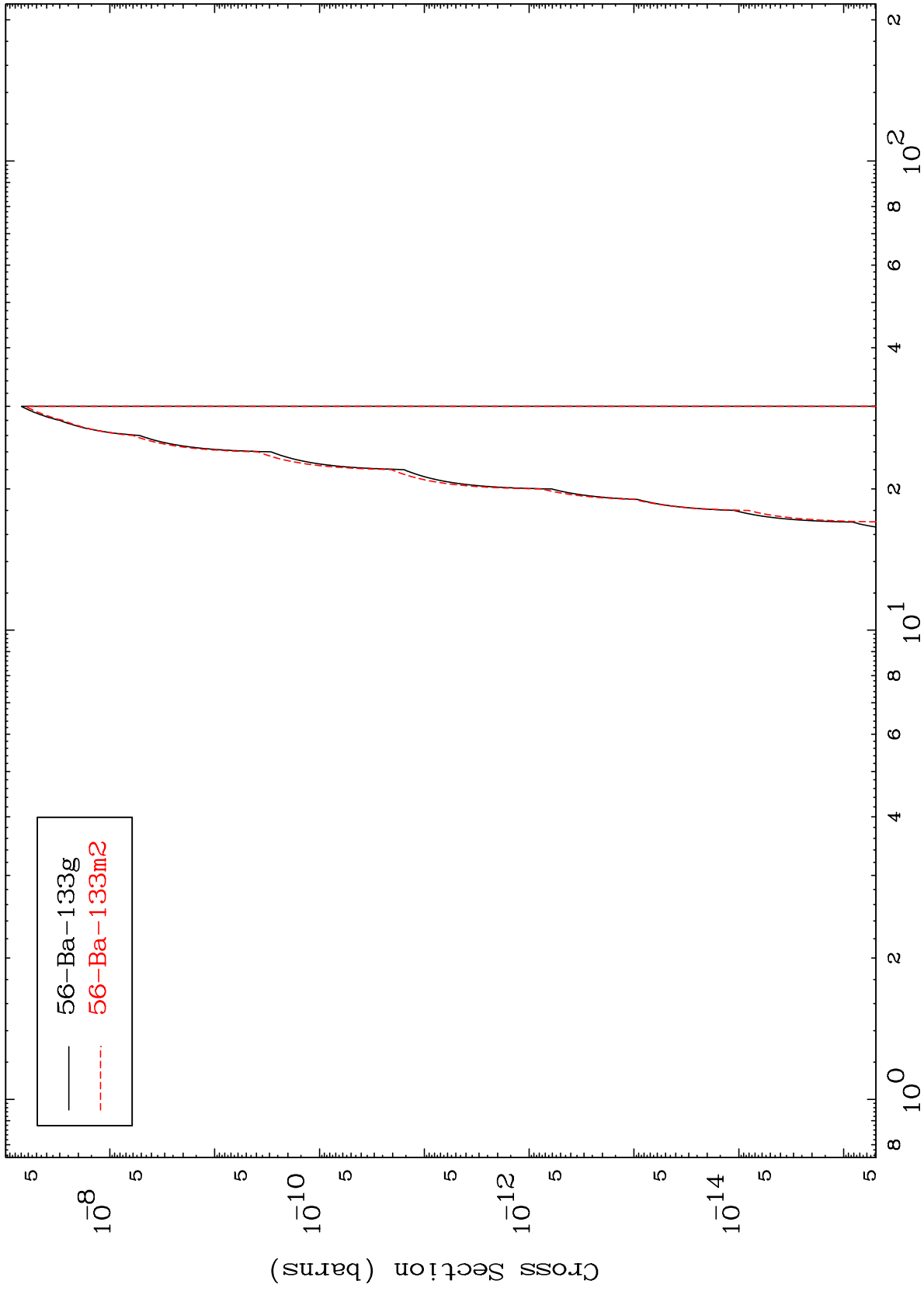
58-Ce-137

MAT 5828

($\alpha, 2\alpha$)

58-Ce-137

Radionuclide Production Cross Section



18

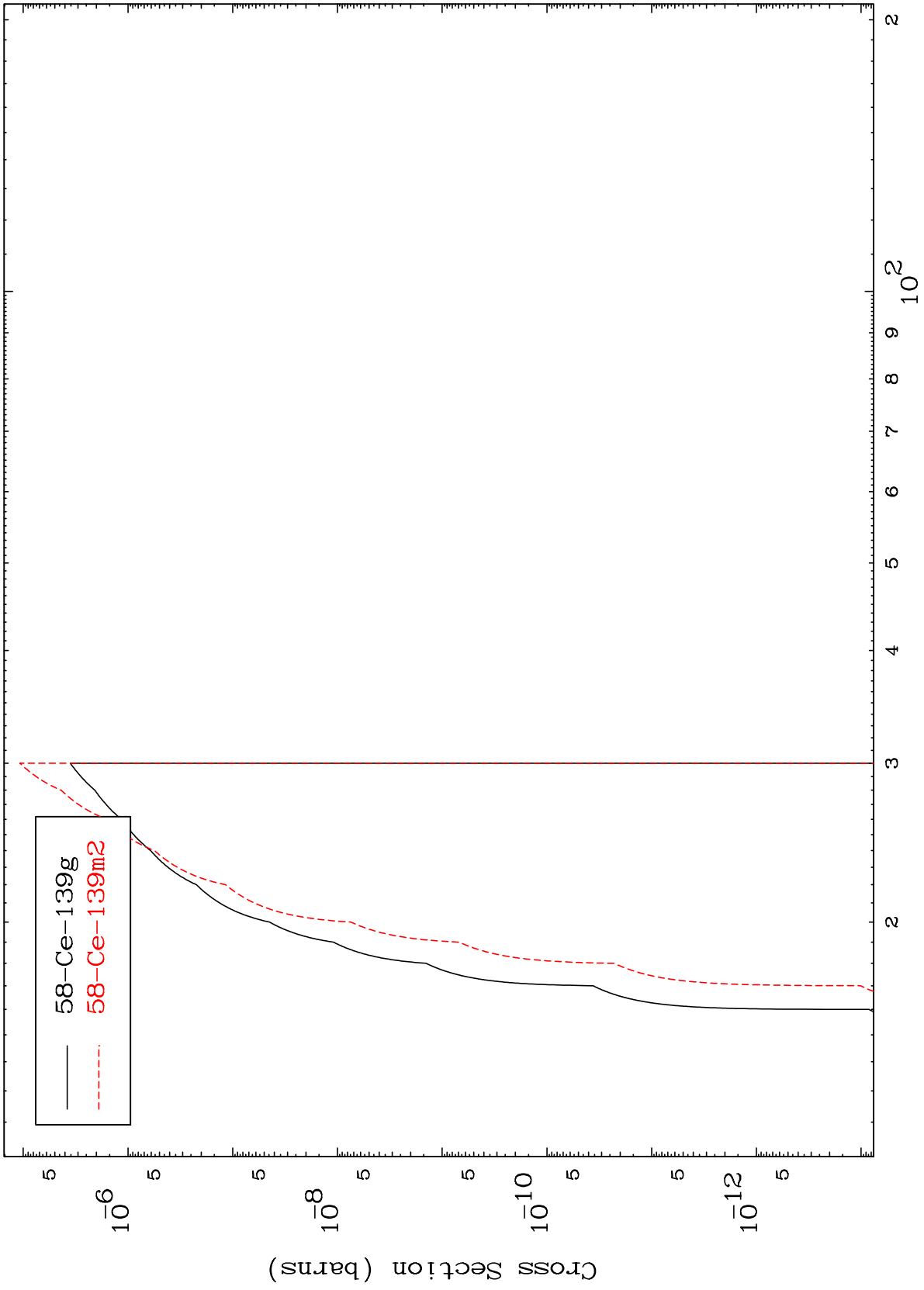
Incident Energy (MeV)

58-Ce-137

MAT 5828

Radionuclide Production Cross Section
($\alpha, 2p$)

58-Ce-137



19

Incident Energy (MeV)

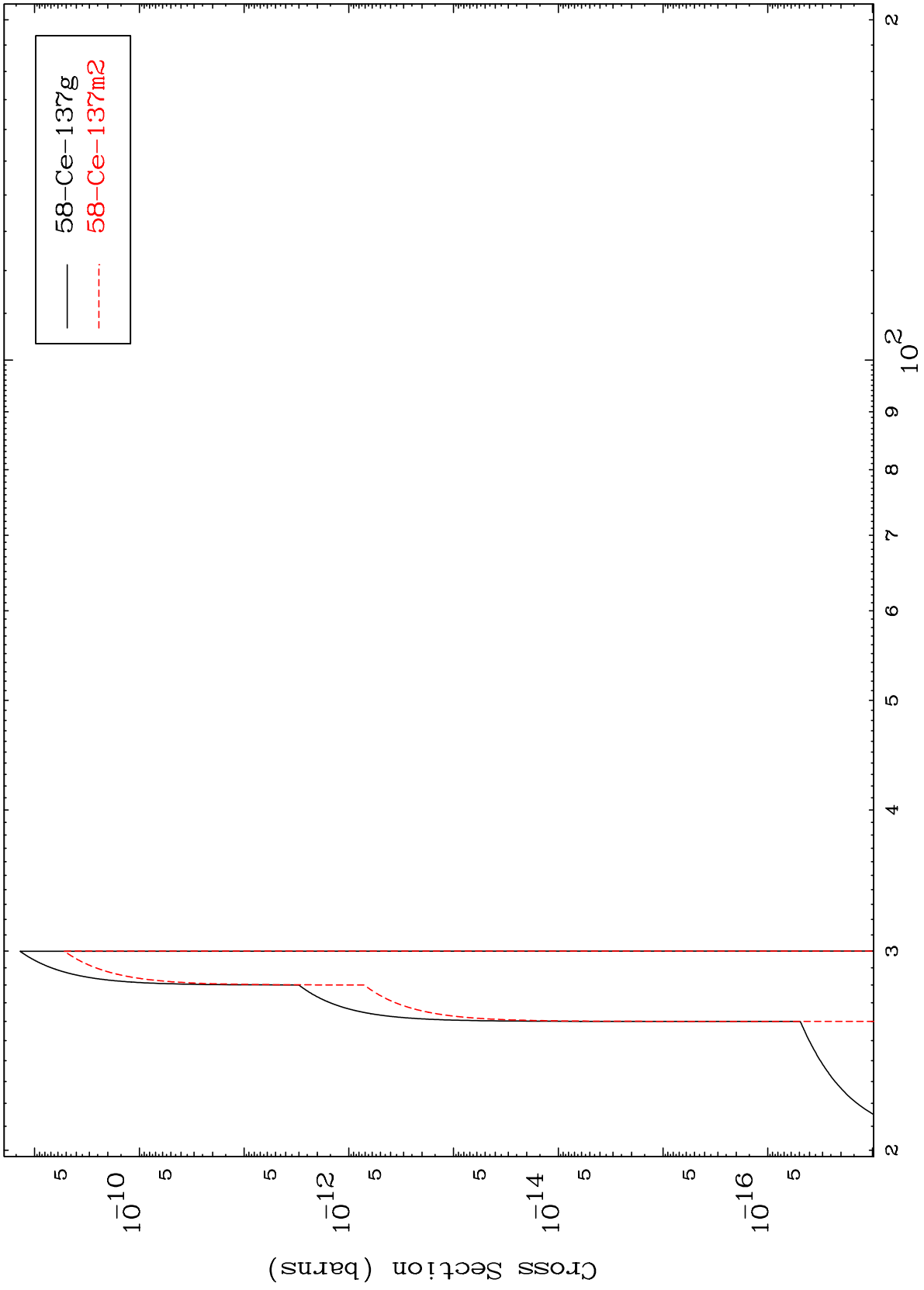
58-Ce-137

MAT 5828

(α, p) t

58-Ce-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-137