

Program EVALPLOT
(Version 2018-1)

by

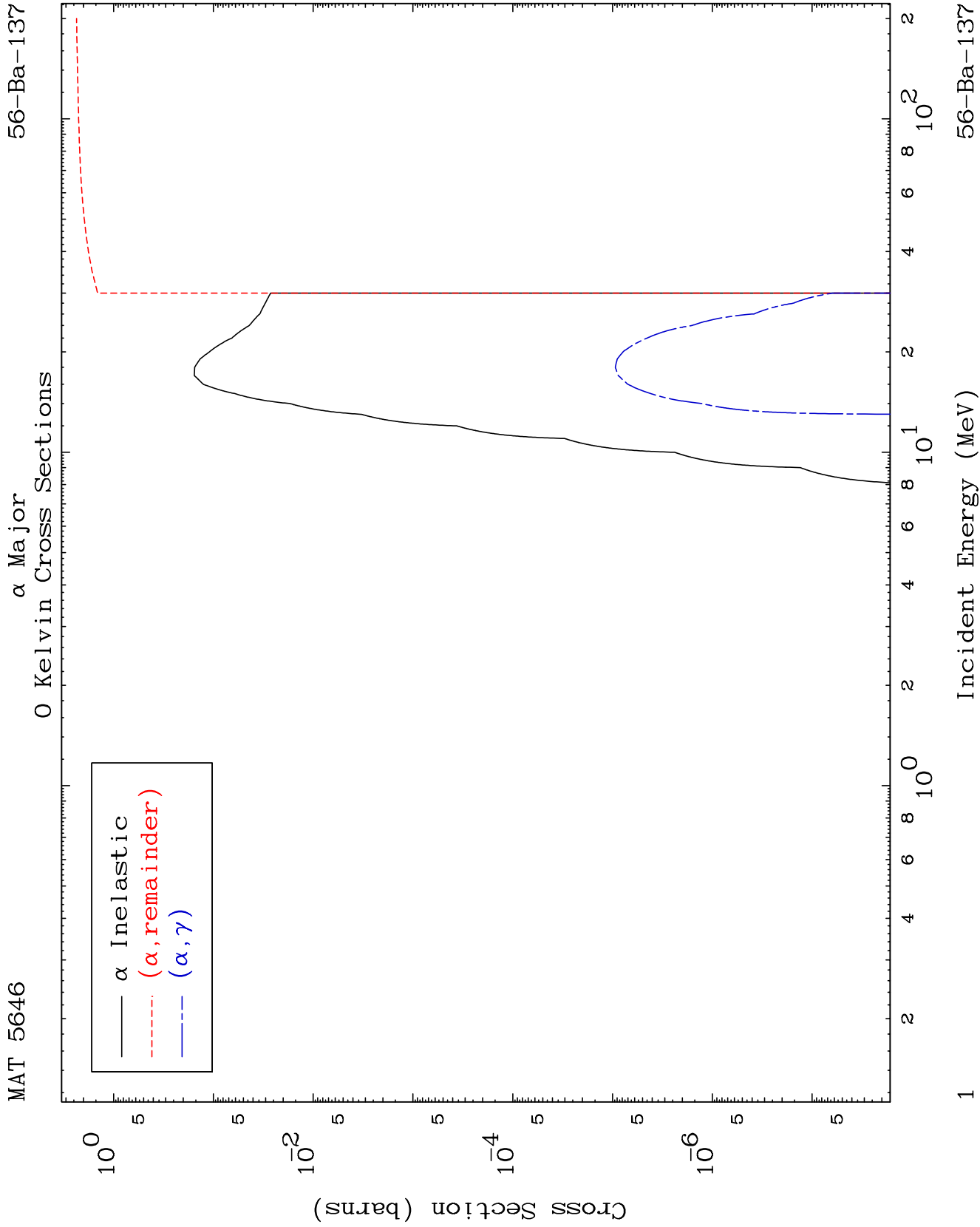
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

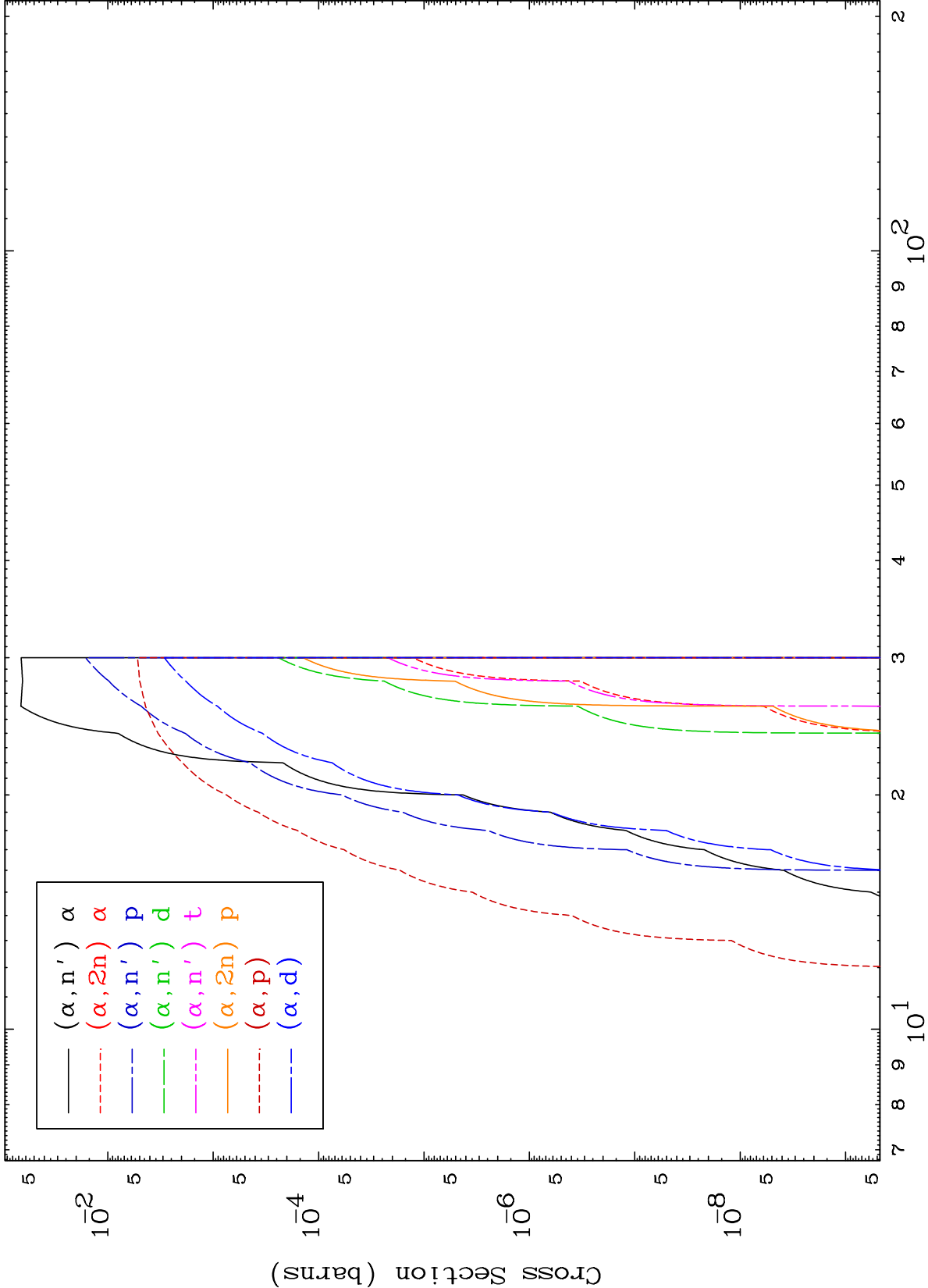
Tele: 925-443-1911

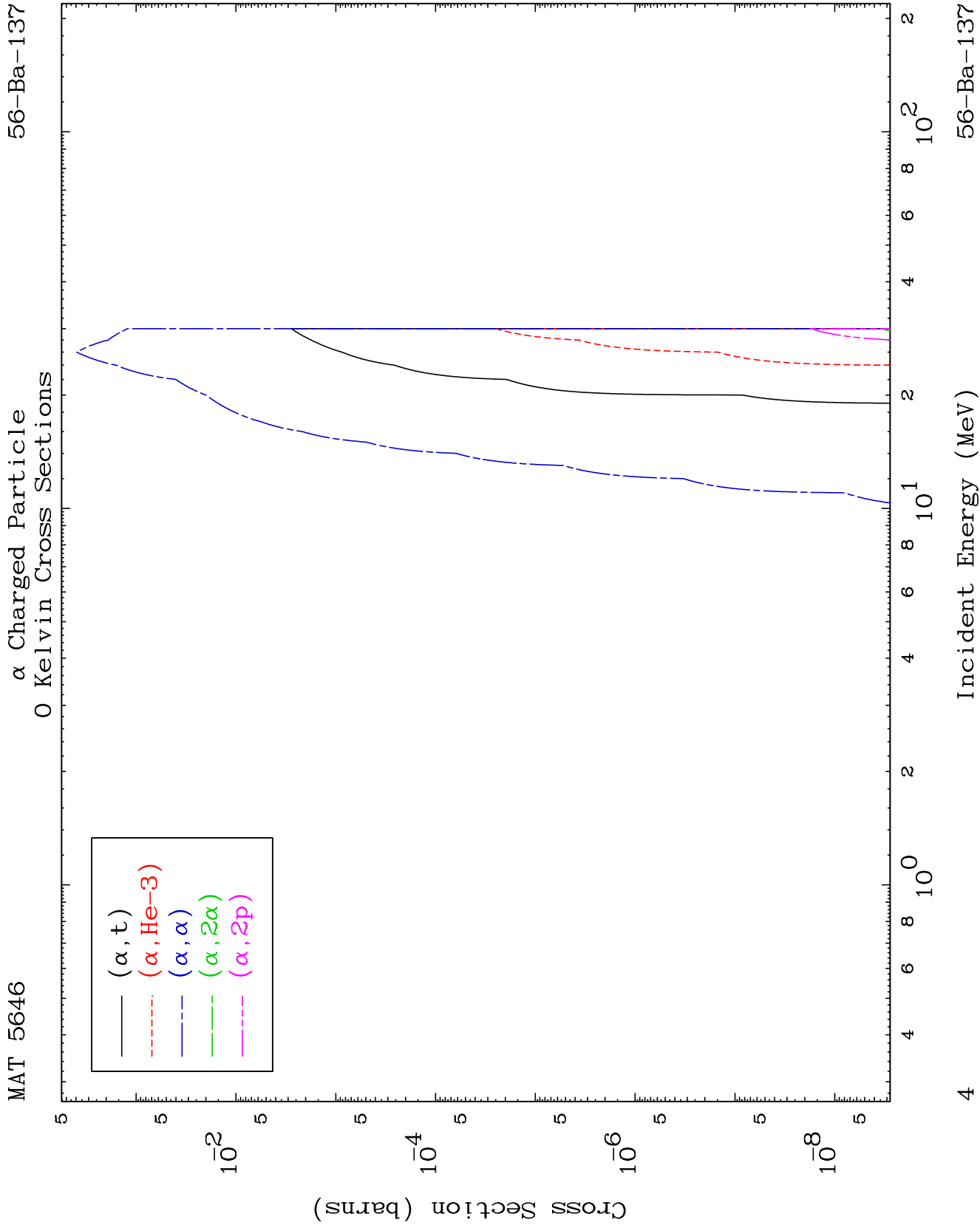
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



0 Kelvin Cross Sections

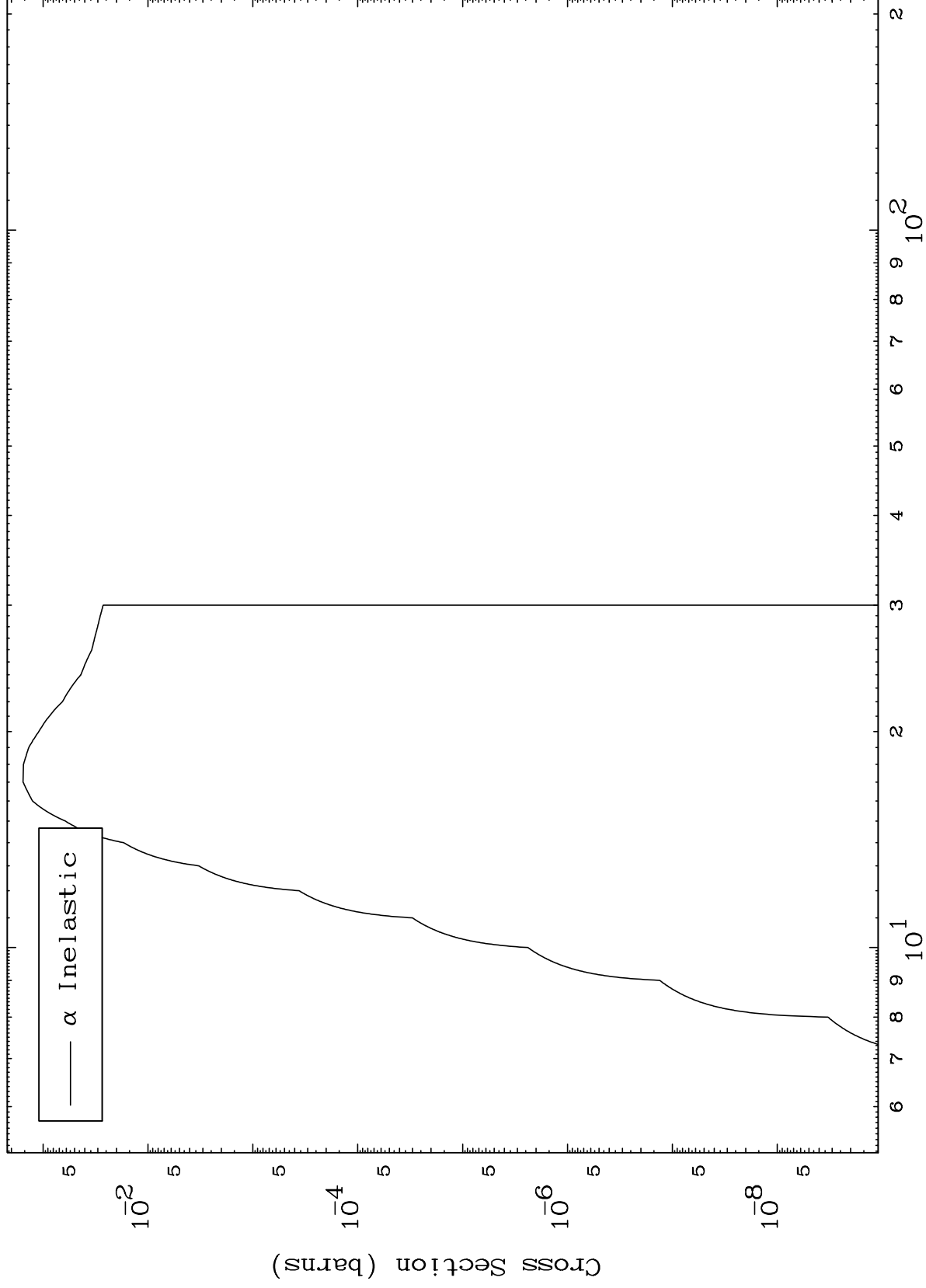




MAT 5646

56-Ba-137

(α, n') Level
0 Kelvin Cross Sections



56-Ba-137

Incident Energy (MeV)

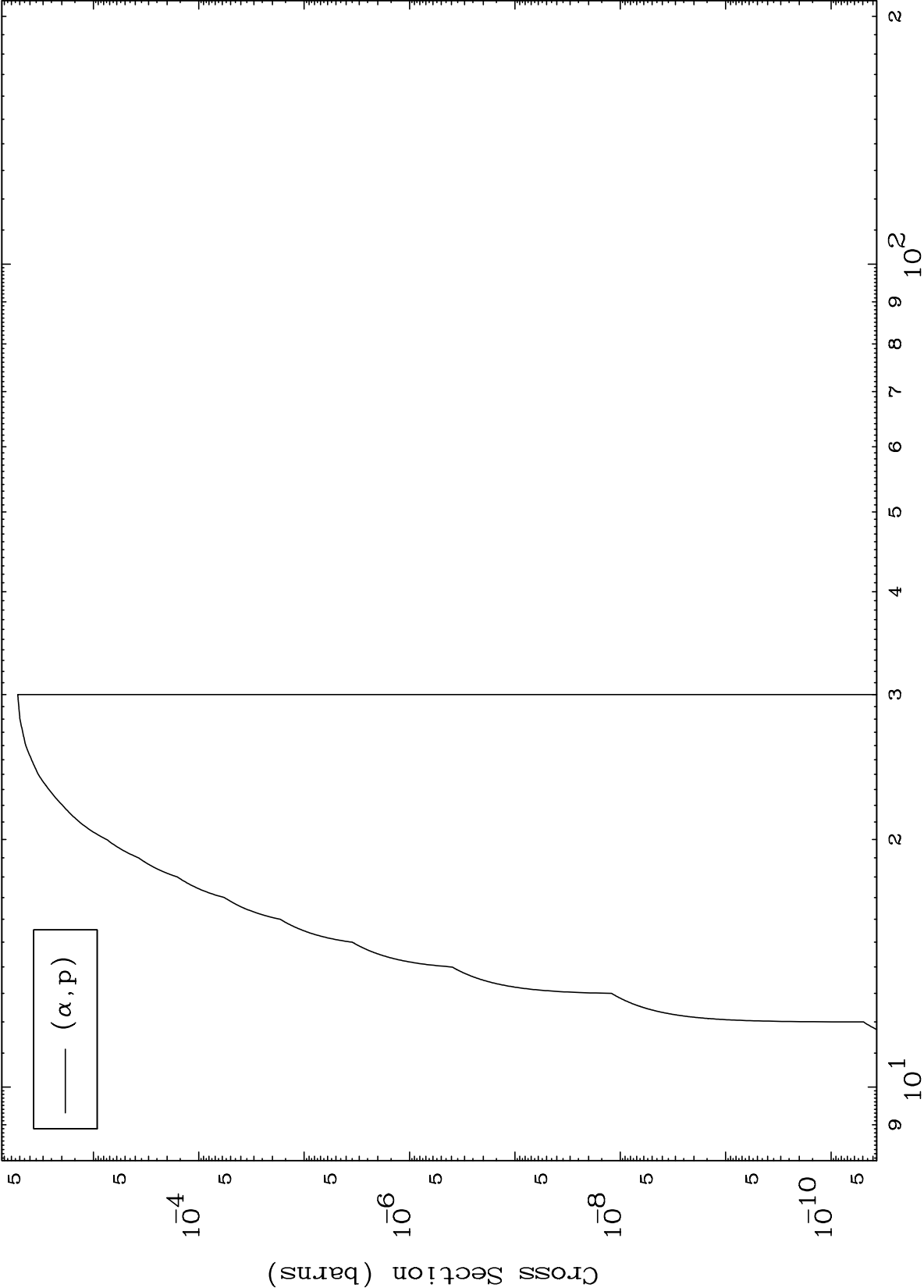
5

MAT 5646

(α ,p) Levels

56-Ba-137

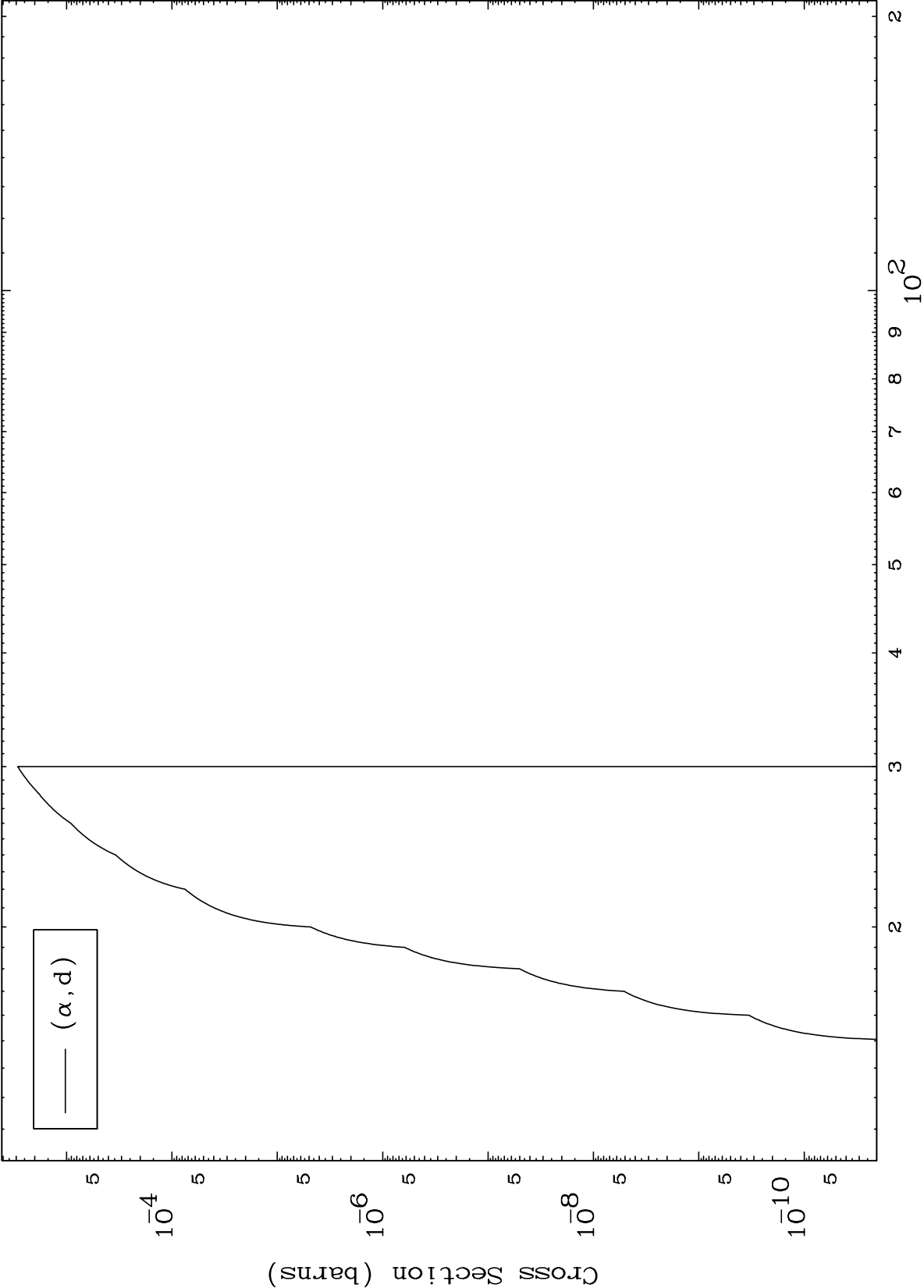
0 Kelvin Cross Sections

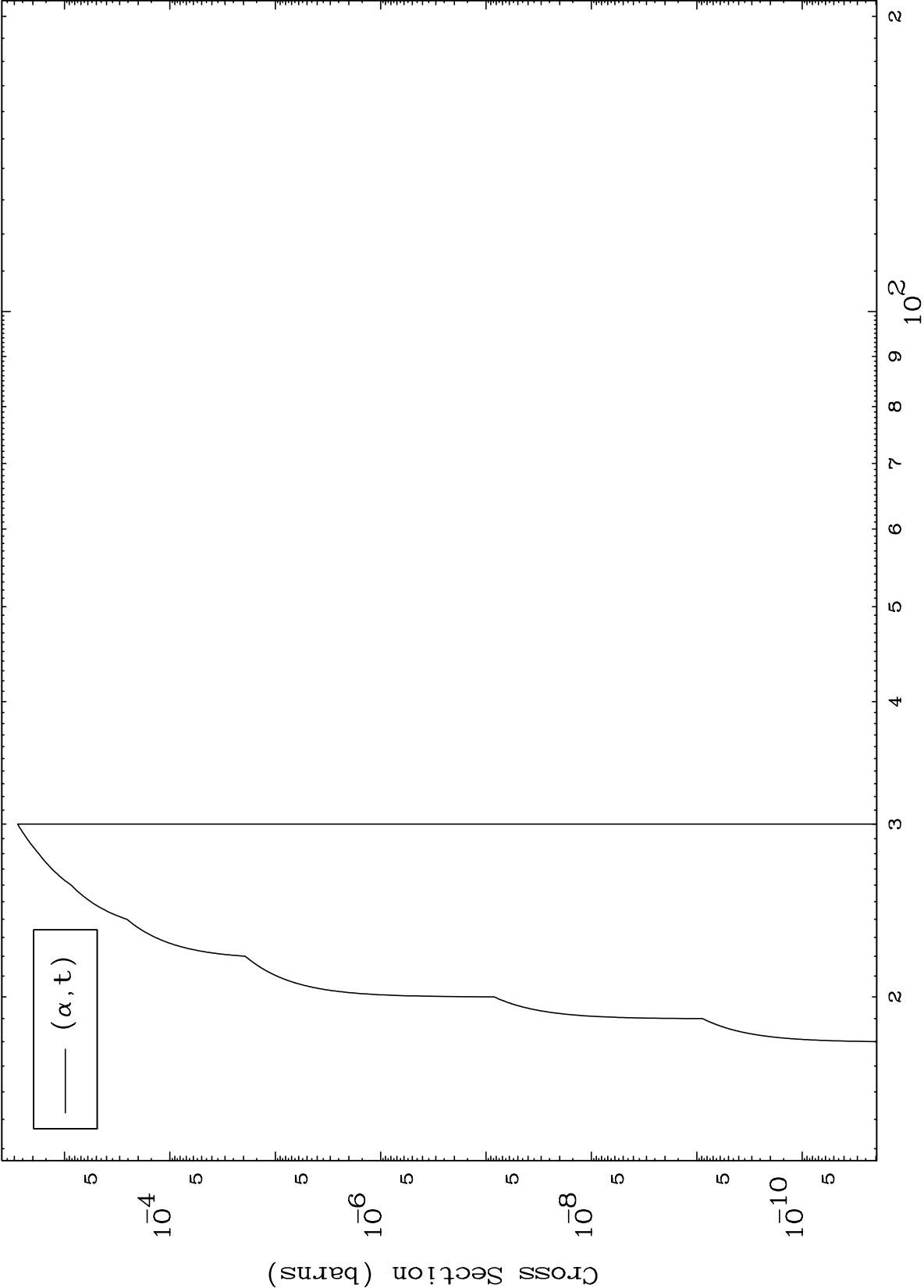


Incident Energy (MeV)

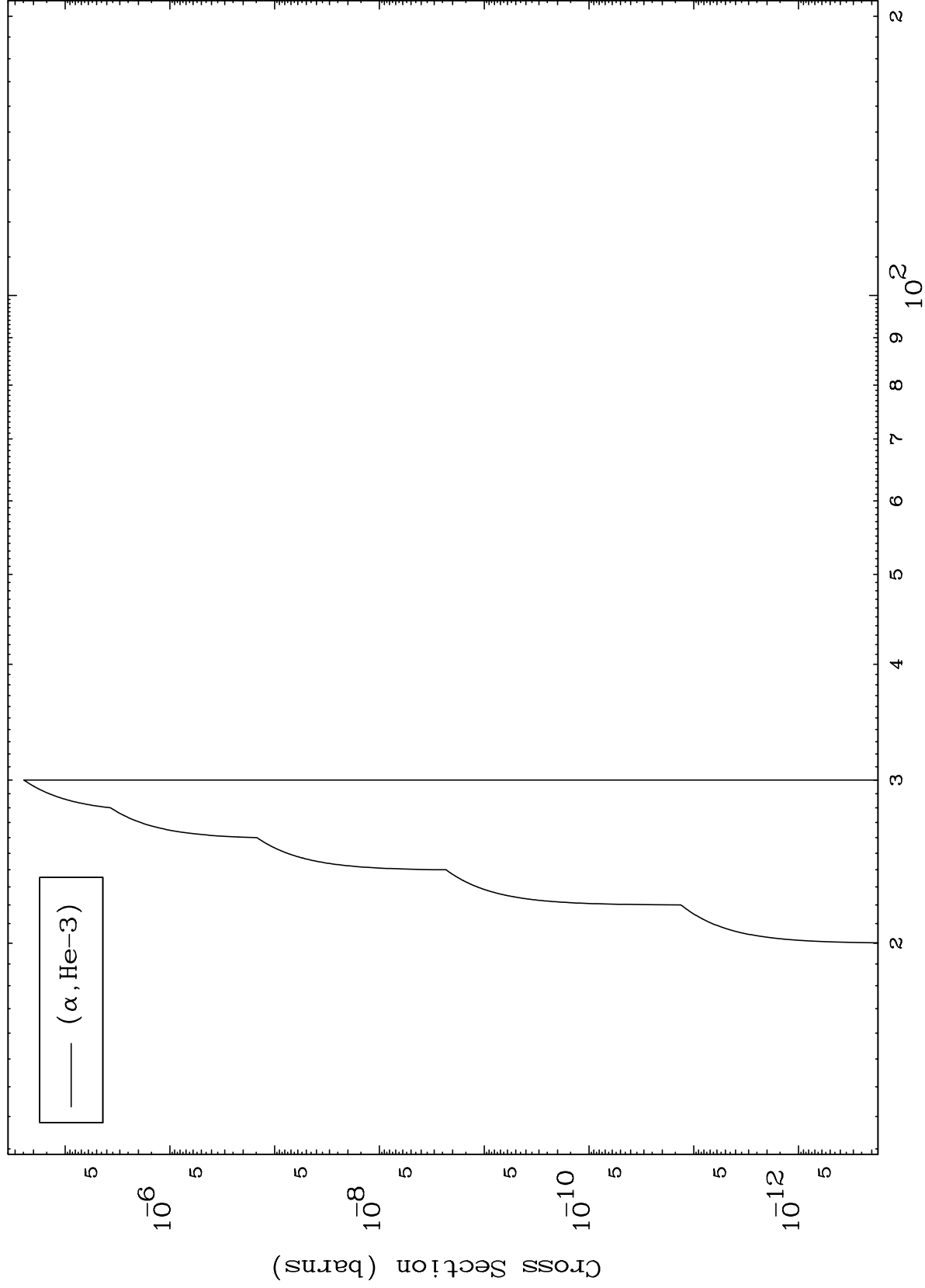
56-Ba-137

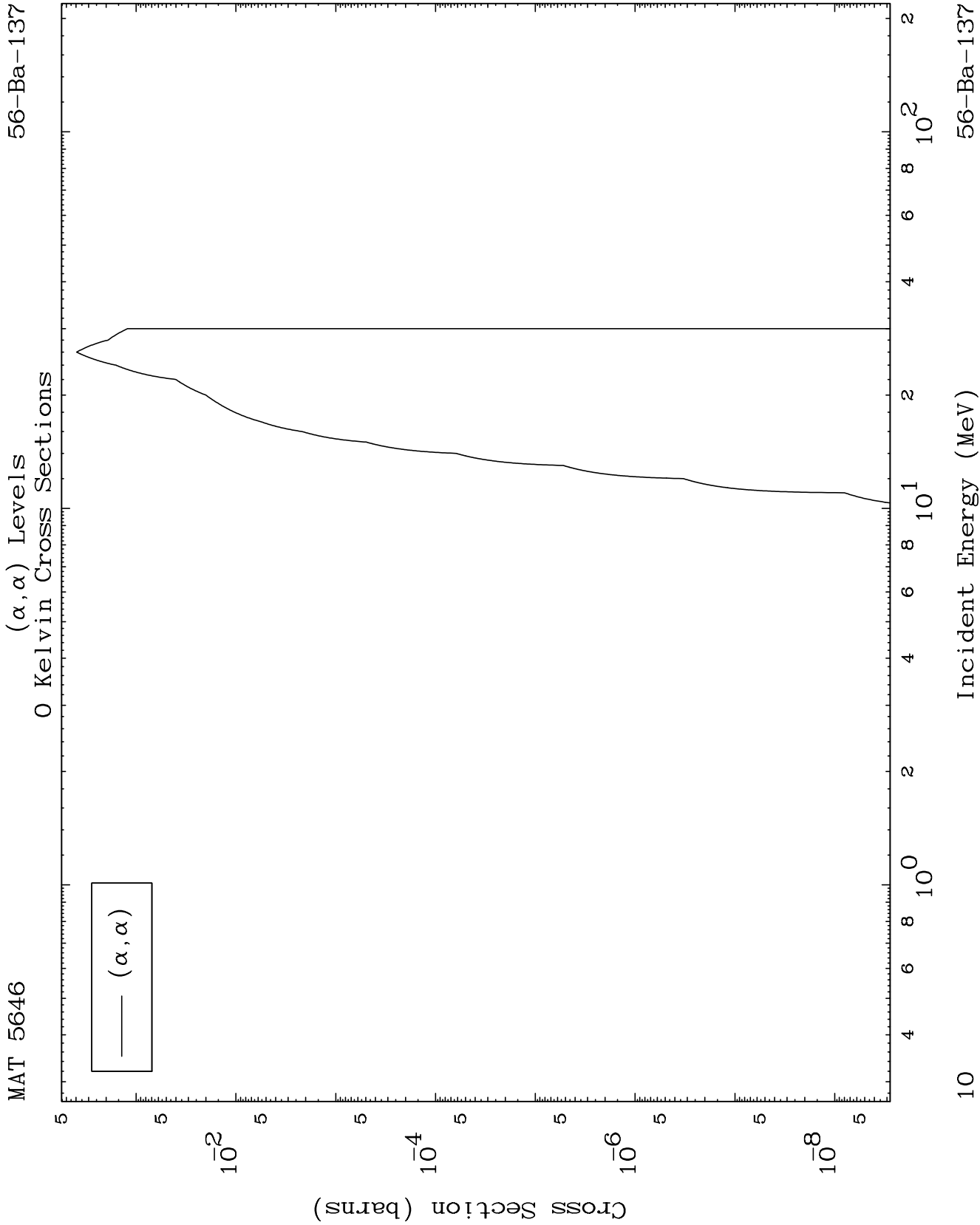
0 Kelvin Cross Sections





(α ,He3) Levels
0 Kelvin Cross Sections

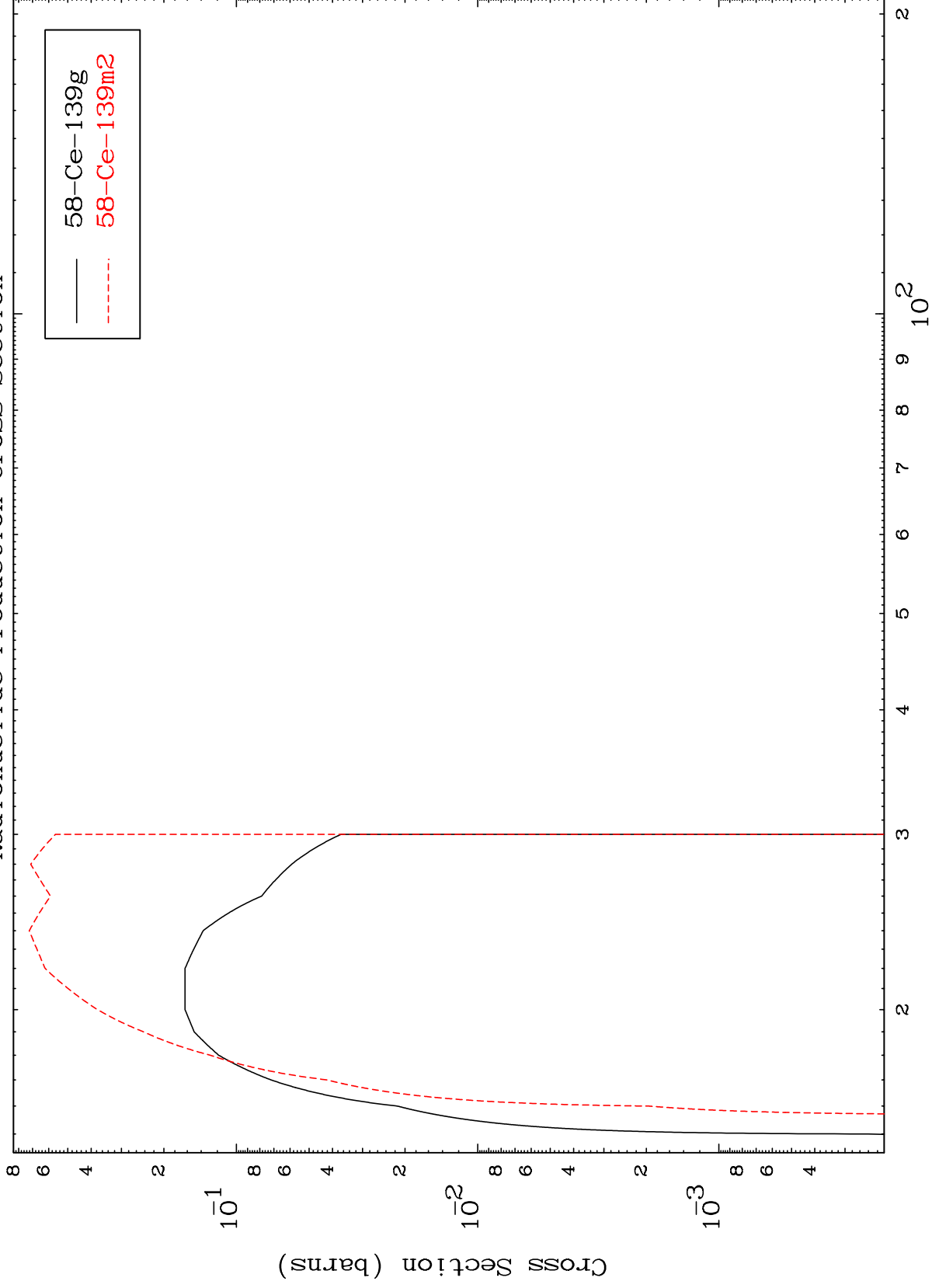




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56-Ba-137

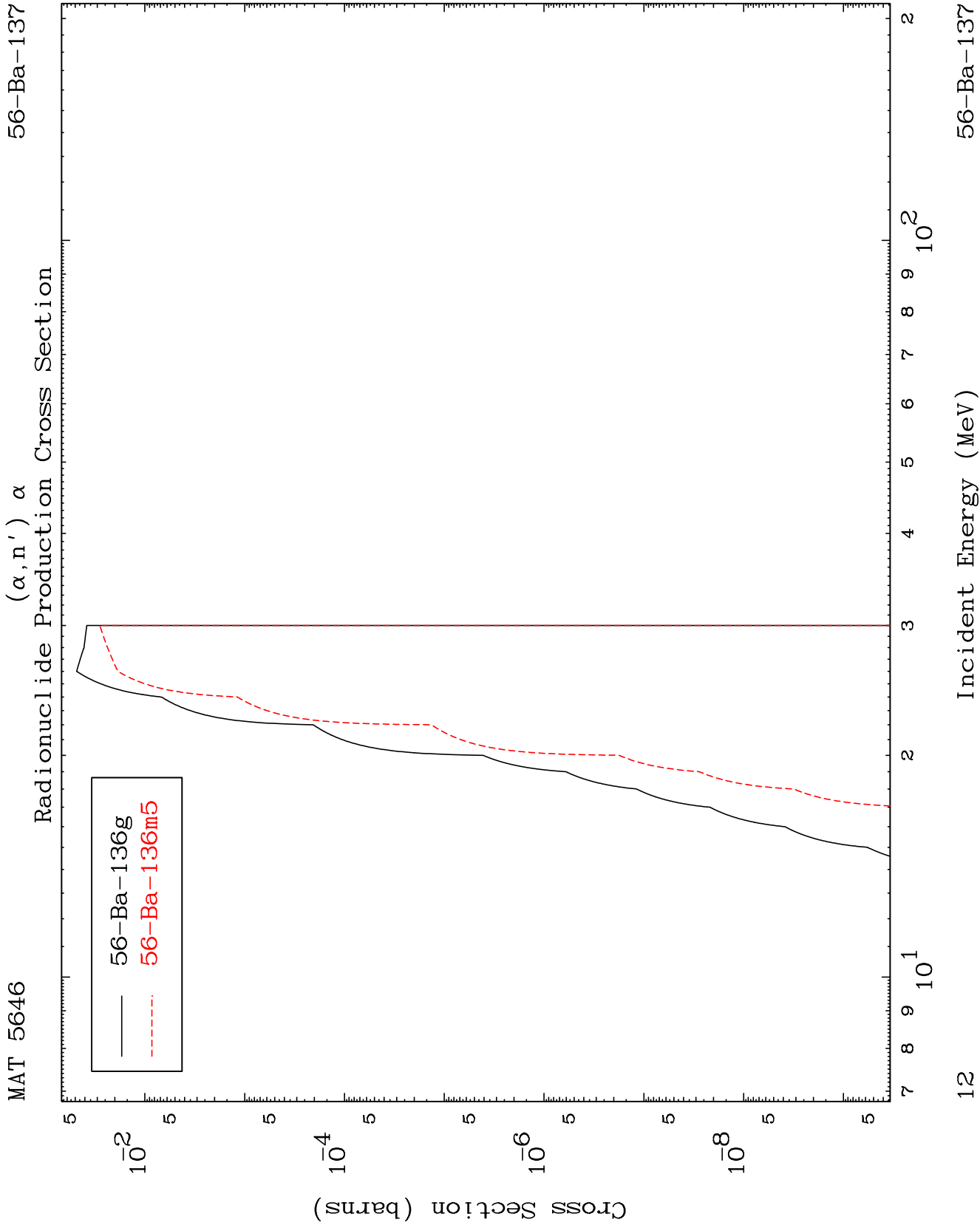
Radionuclide Production Cross Section
($\alpha, 2n$)



11

Incident Energy (MeV)

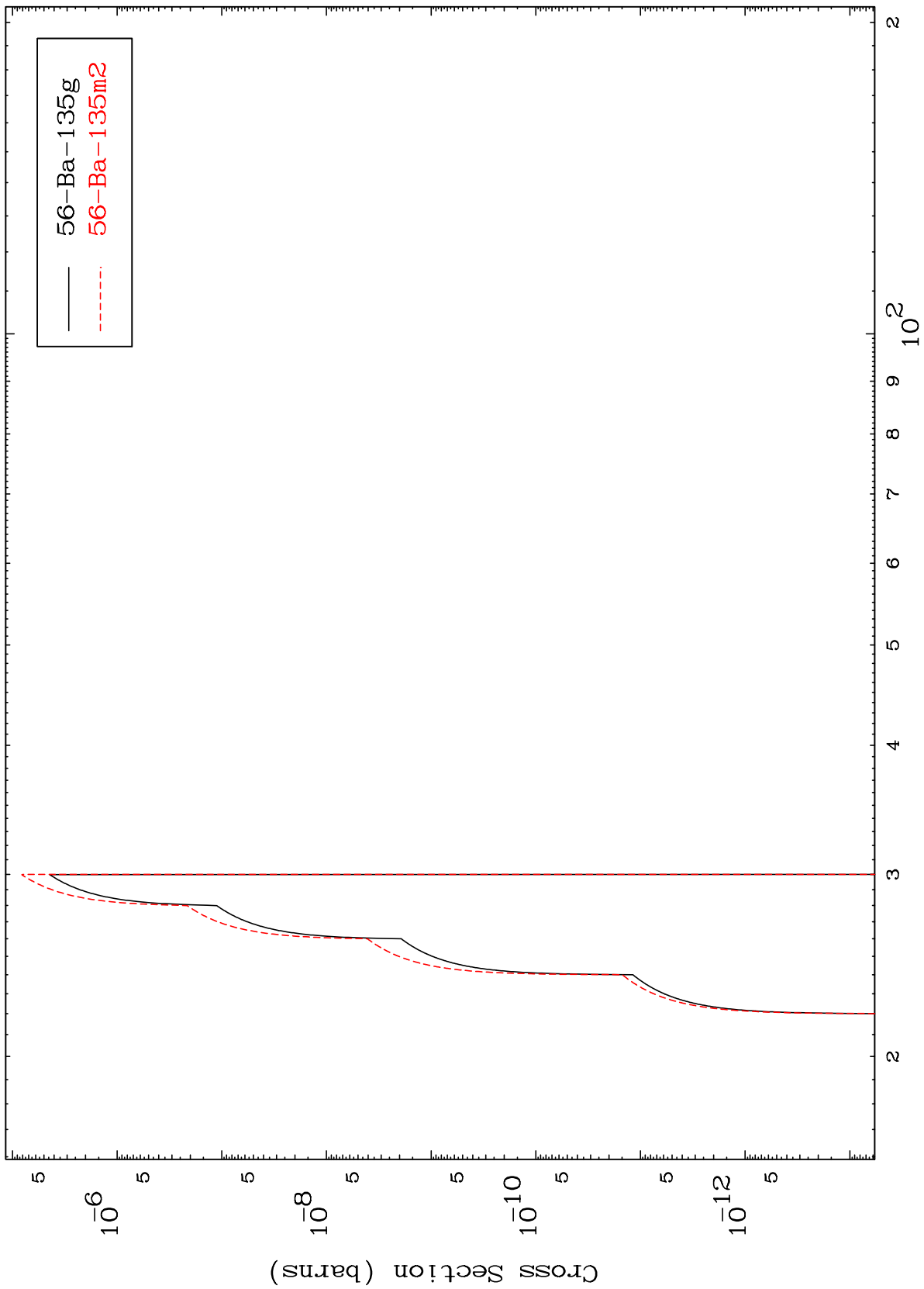
56-Ba-137



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56-Ba-137

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



56-Ba-137

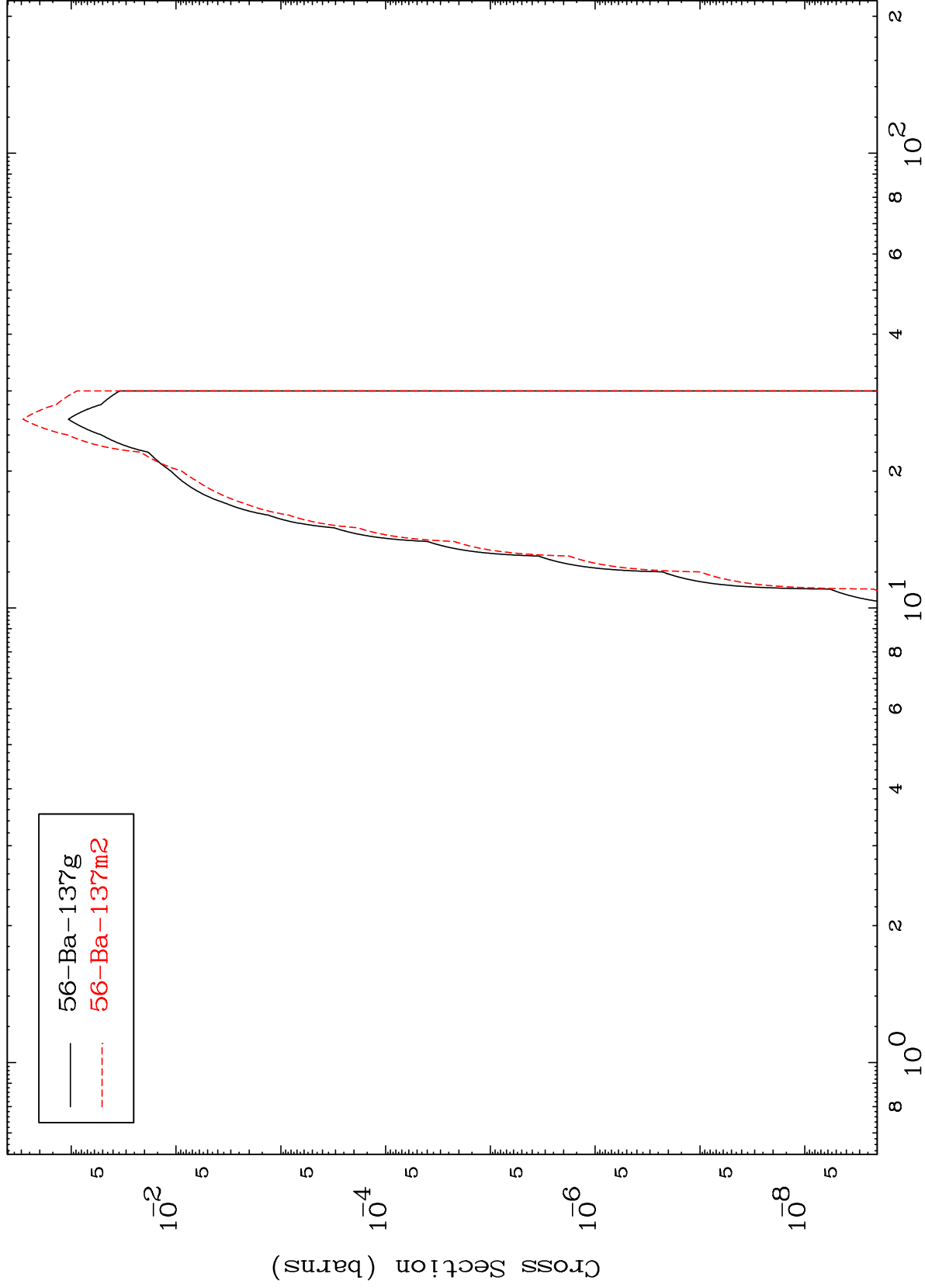
Incident Energy (MeV)

13

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56-Ba-137

Radionuclide Production Cross Section
(α, α)



56-Ba-137

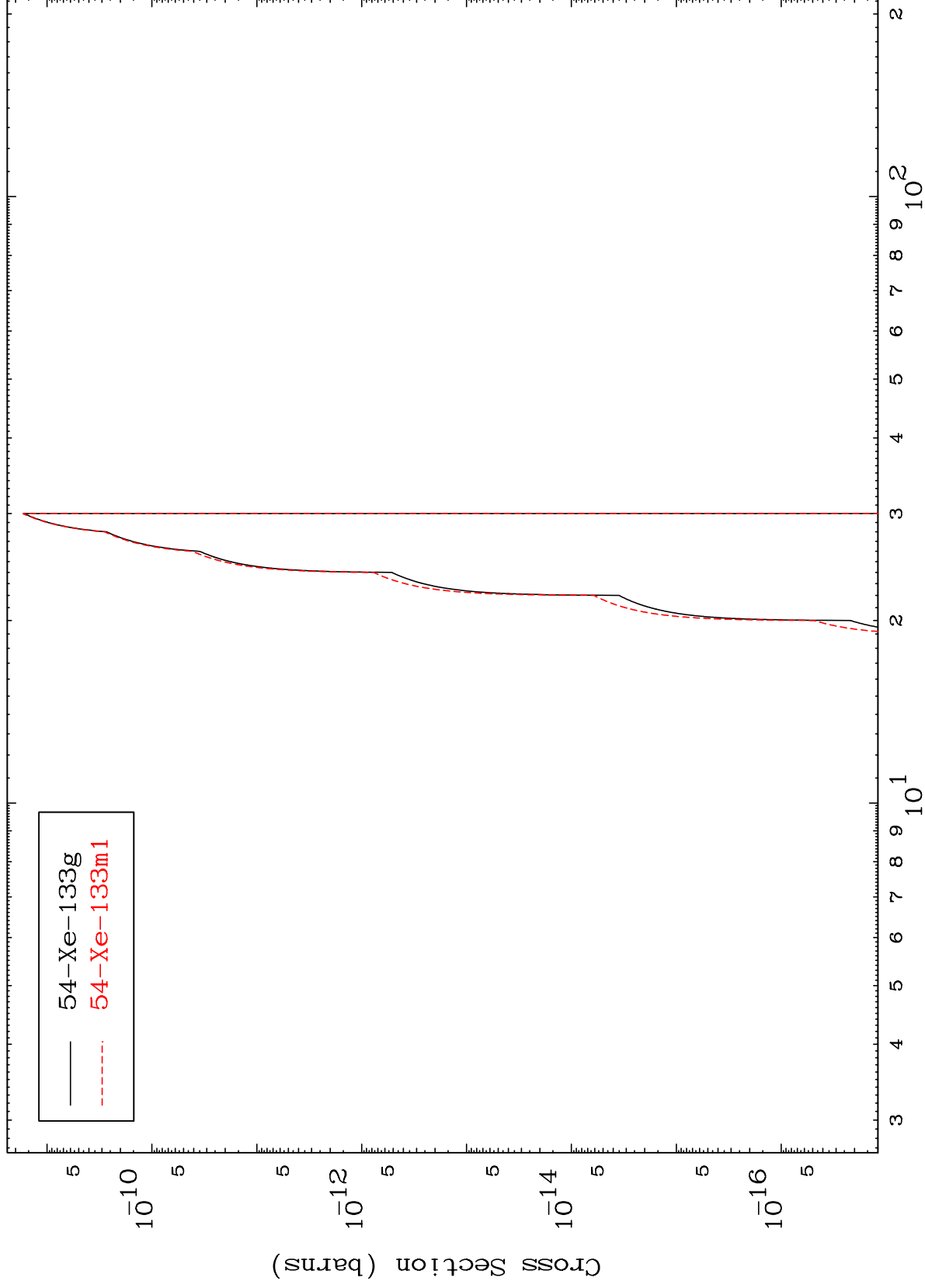
Incident Energy (MeV)

14

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56-Ba-137

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



15

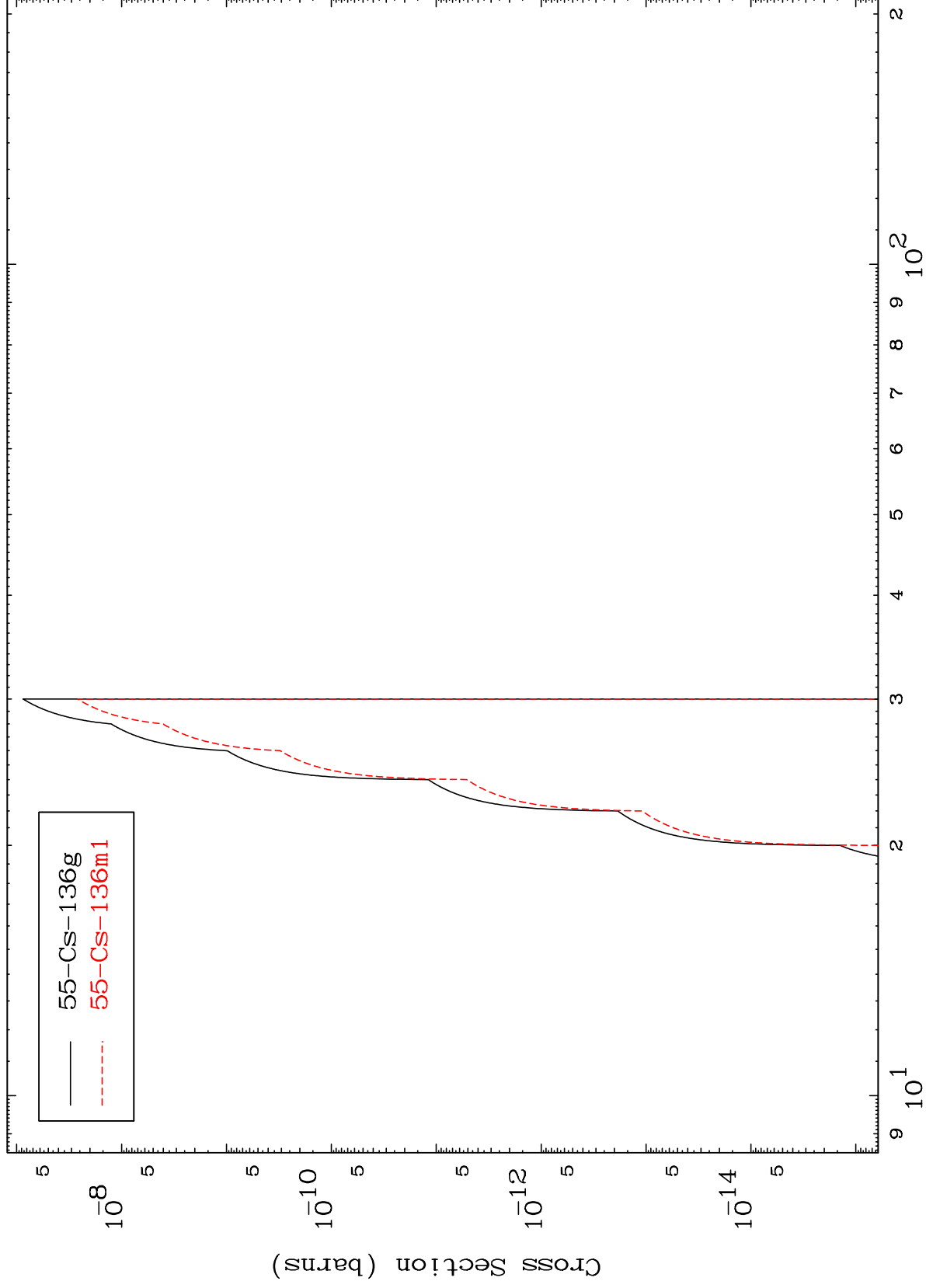
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section
(α, p) α



56-Ba-137

Incident Energy (MeV)

16