

Program EVALPLOT
(Version 2018-1)

by

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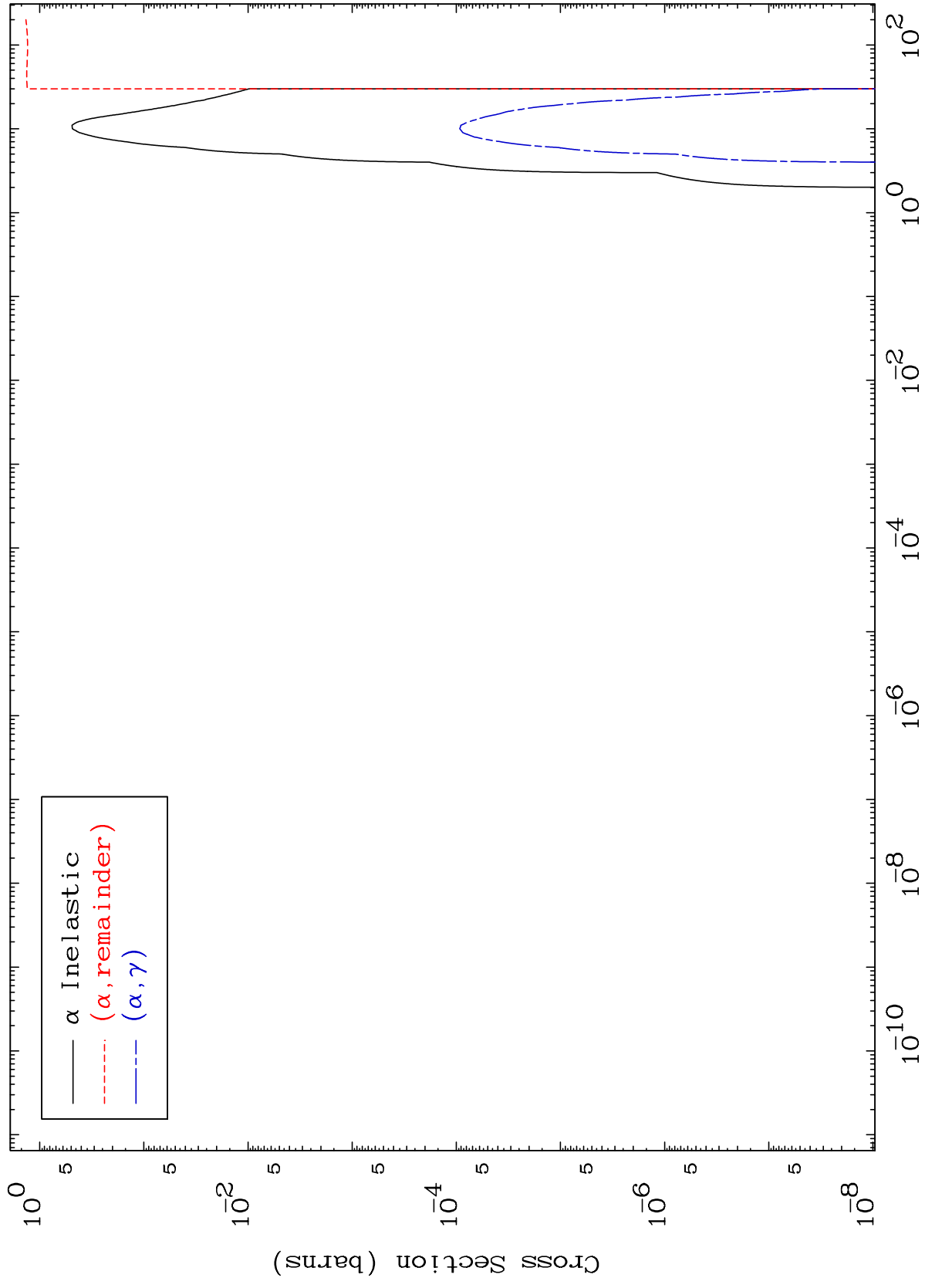
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1934

0 Kelvin α Major
Cross Sections

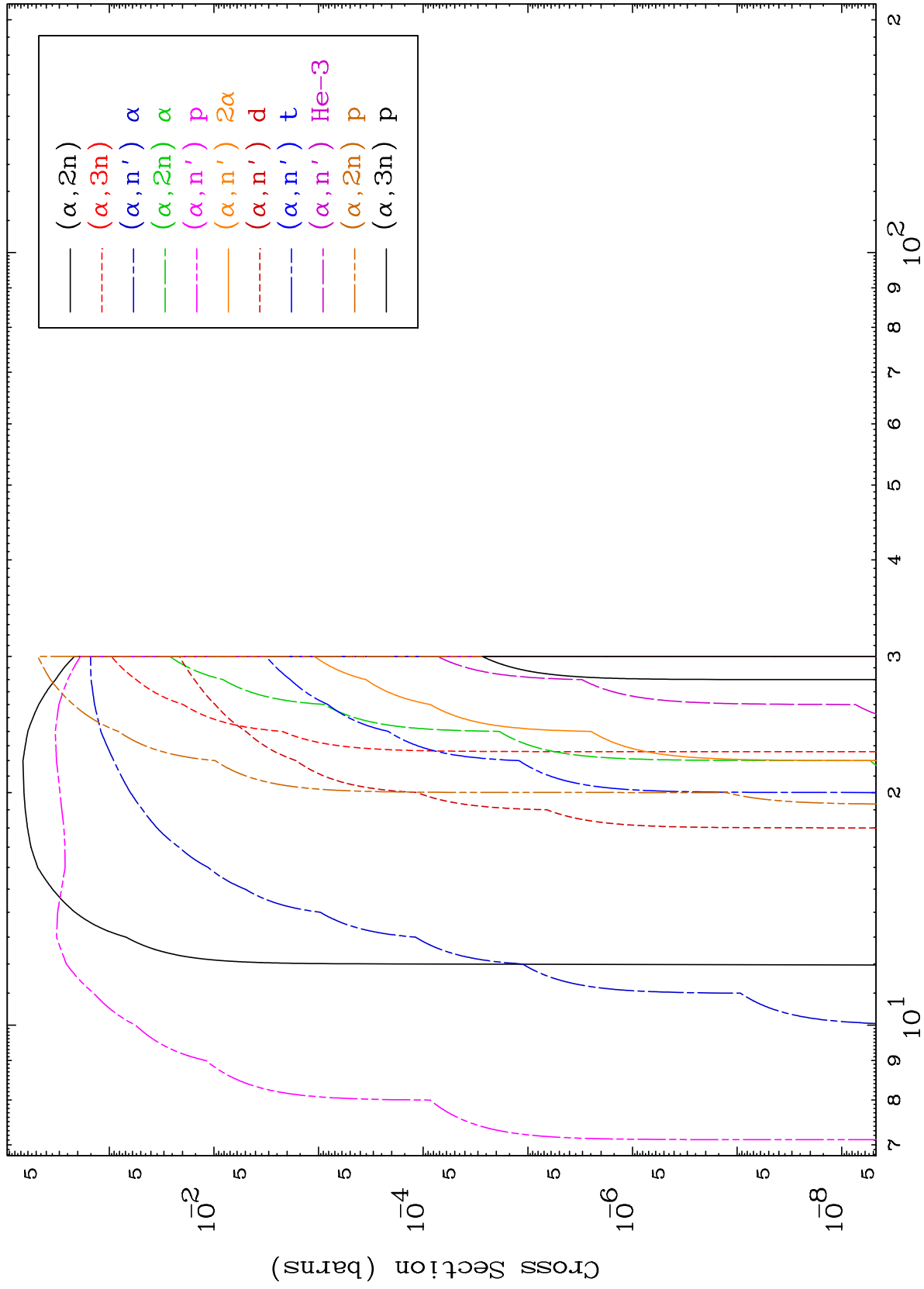
19-K -42



MAT 1934

α Neutron Production
0 Kelvin Cross Sections

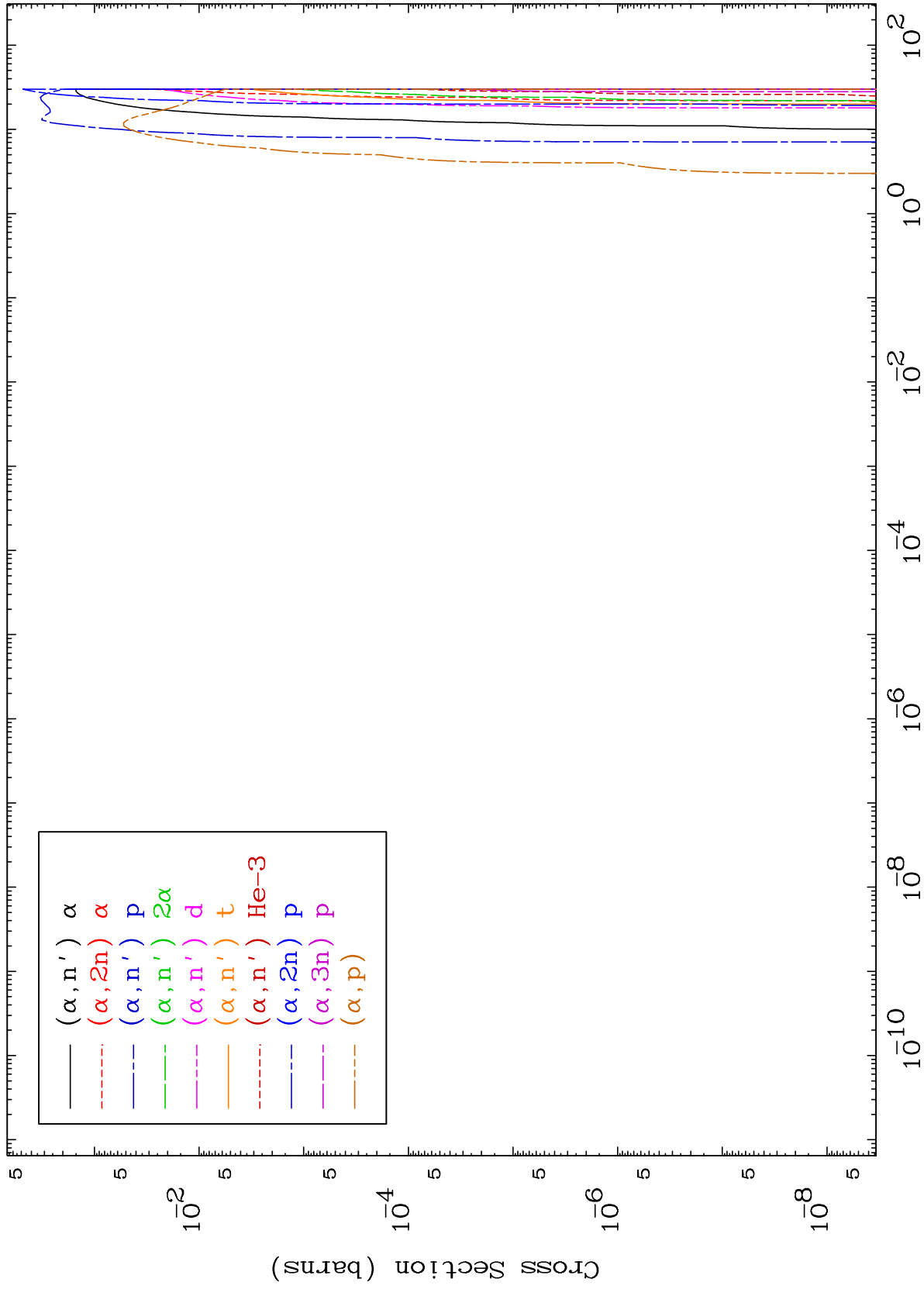
19-K -42

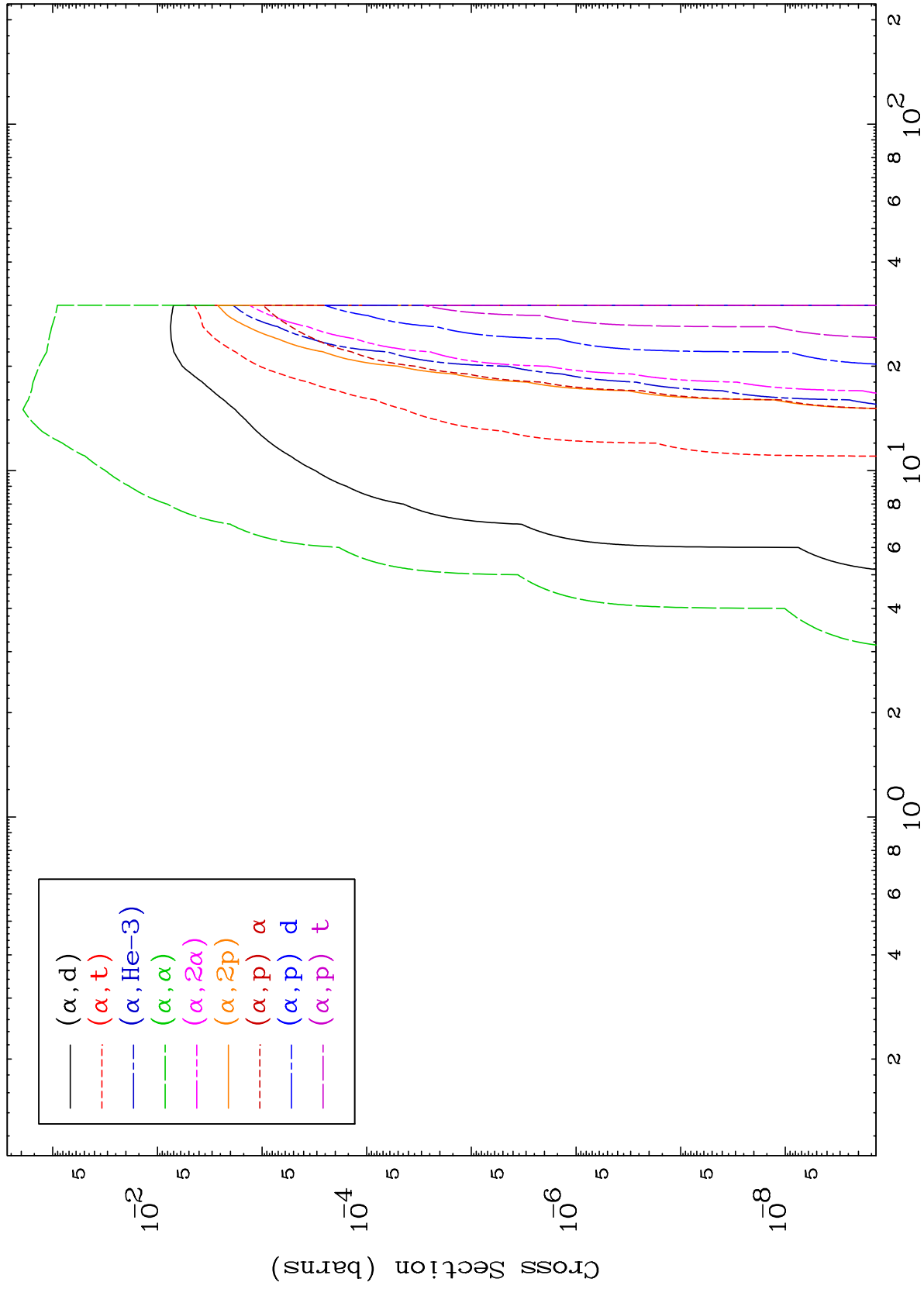


2

Incident Energy (MeV)

19-K -42

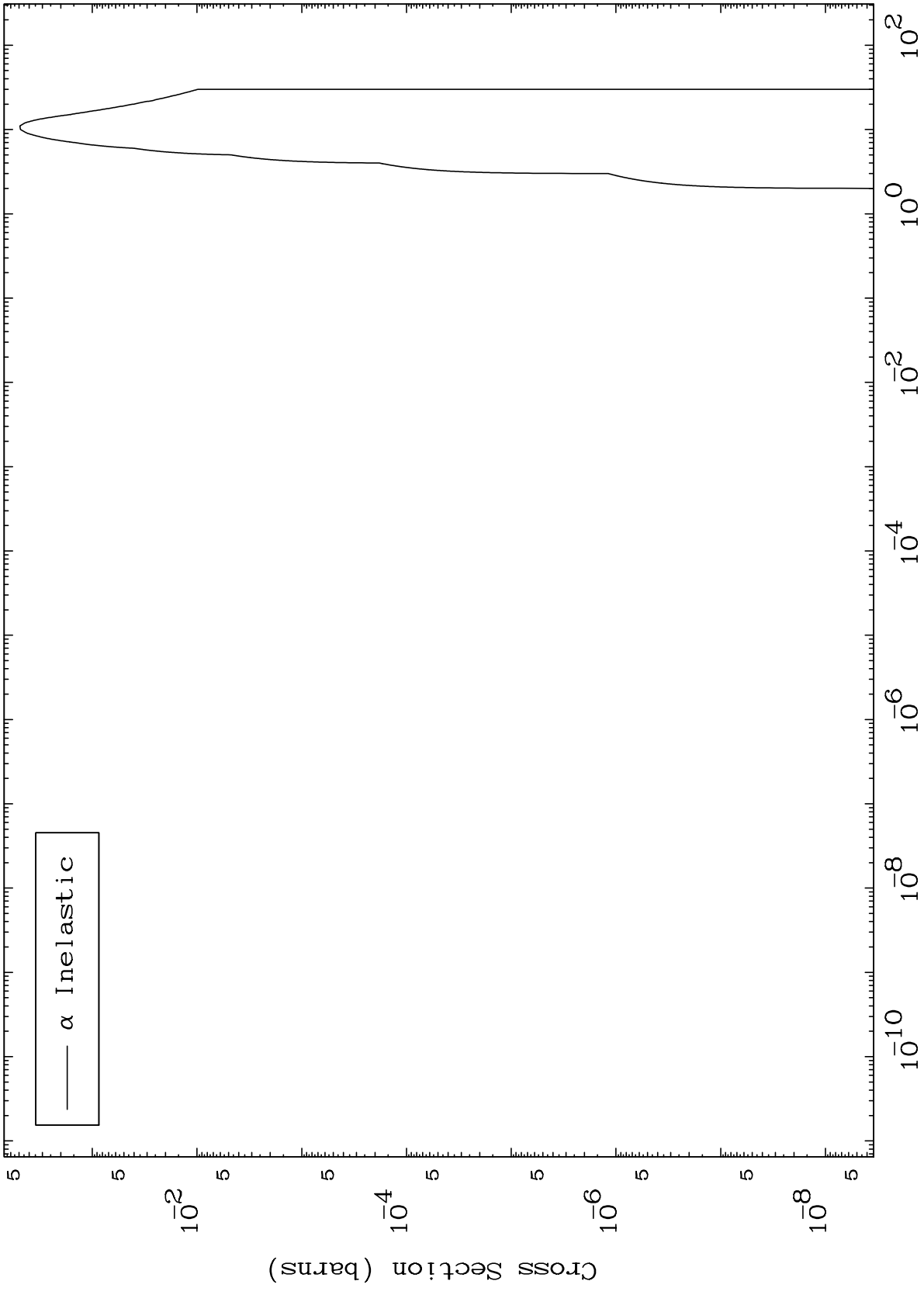




MAT 1934

(α, n') Level
0 Kelvin Cross Sections

19-K -42



5

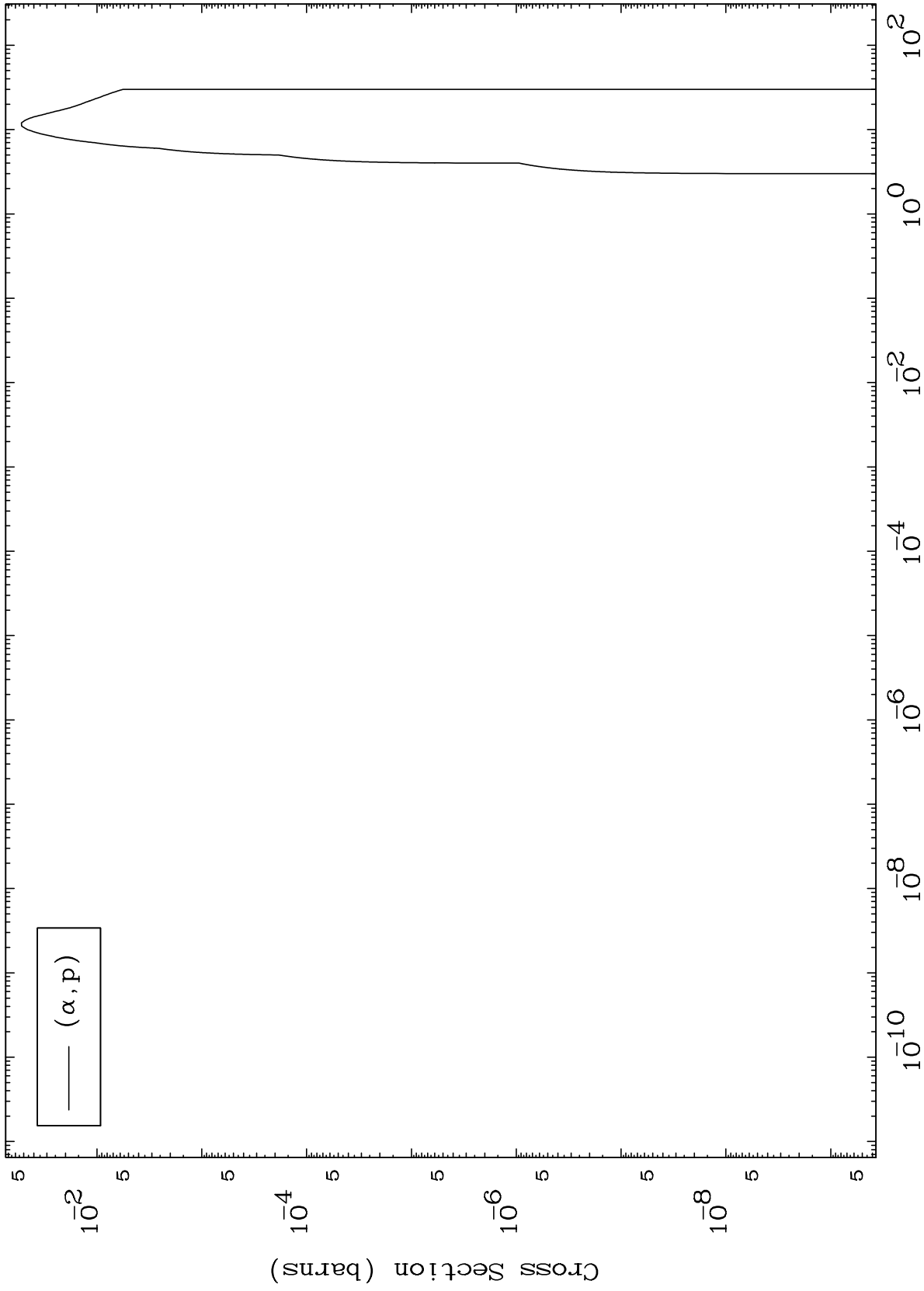
Incident Energy (MeV)

19-K -42

MAT 1934

(α, p) Levels
0 Kelvin Cross Sections

19-K -42



6

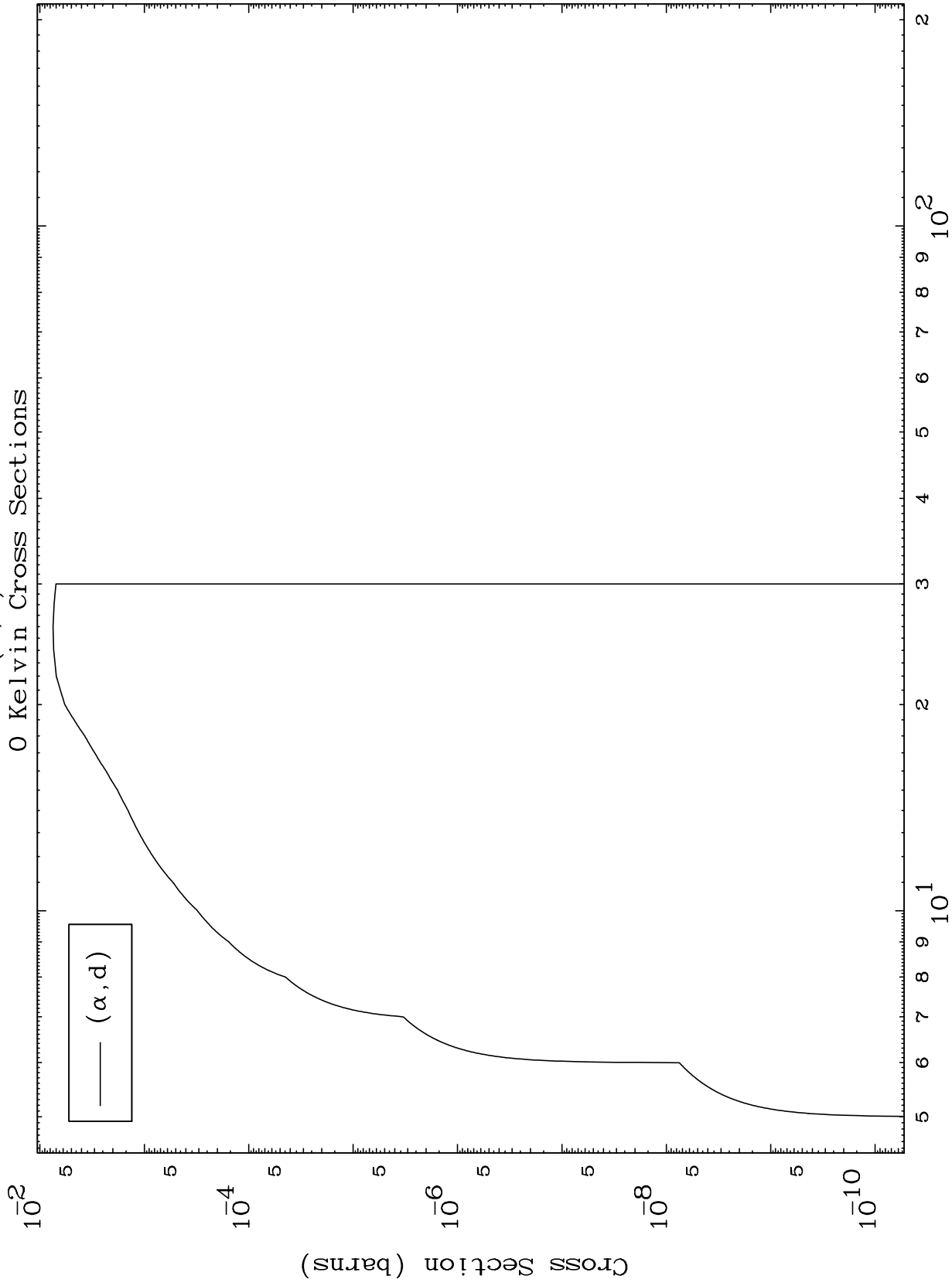
Incident Energy (MeV)

19-K -42

MAT 1934

(α, d) Levels
0 Kelvin Cross Sections

19-K -42



7

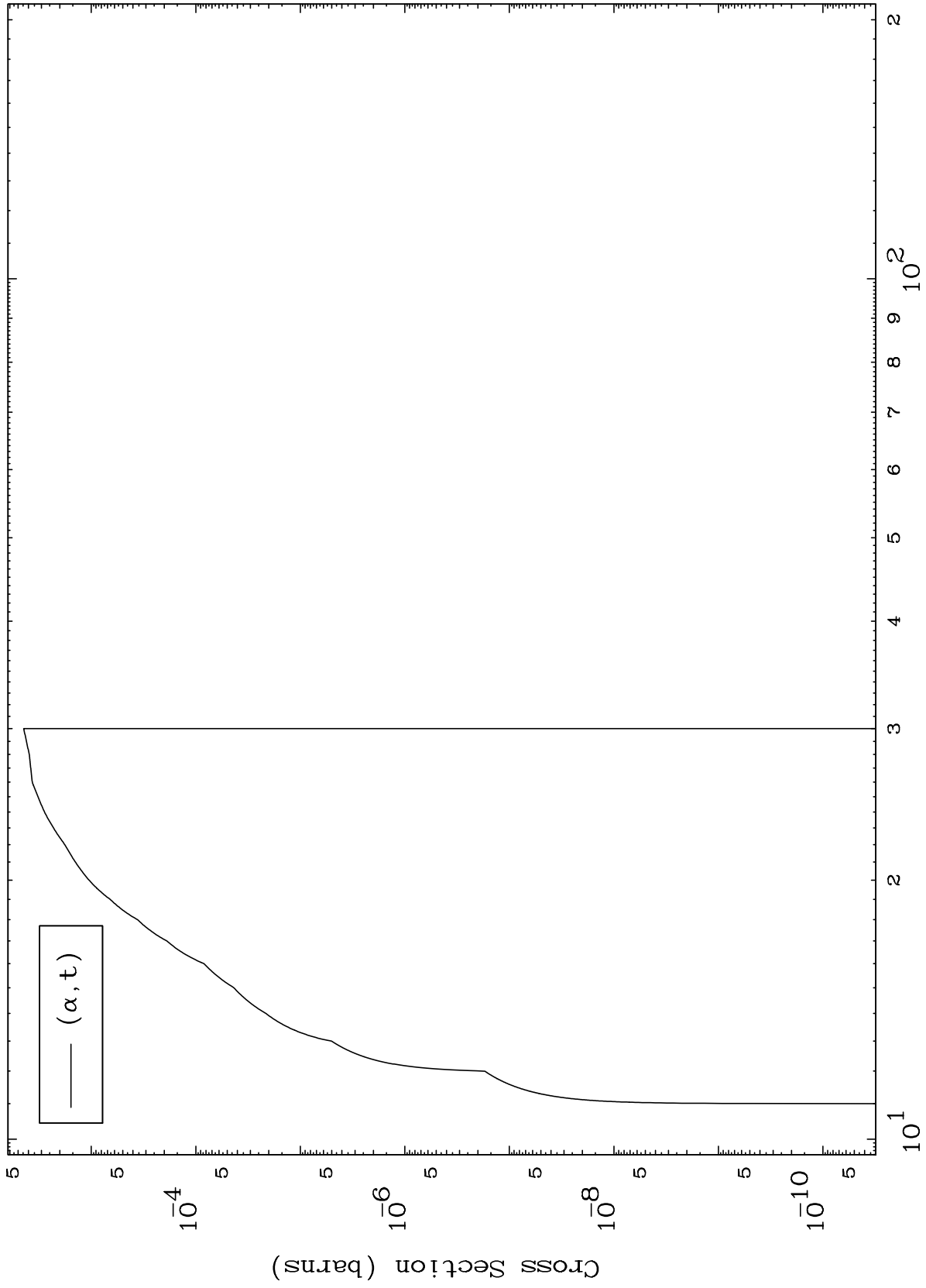
Incident Energy (MeV)

19-K -42

MAT 1934

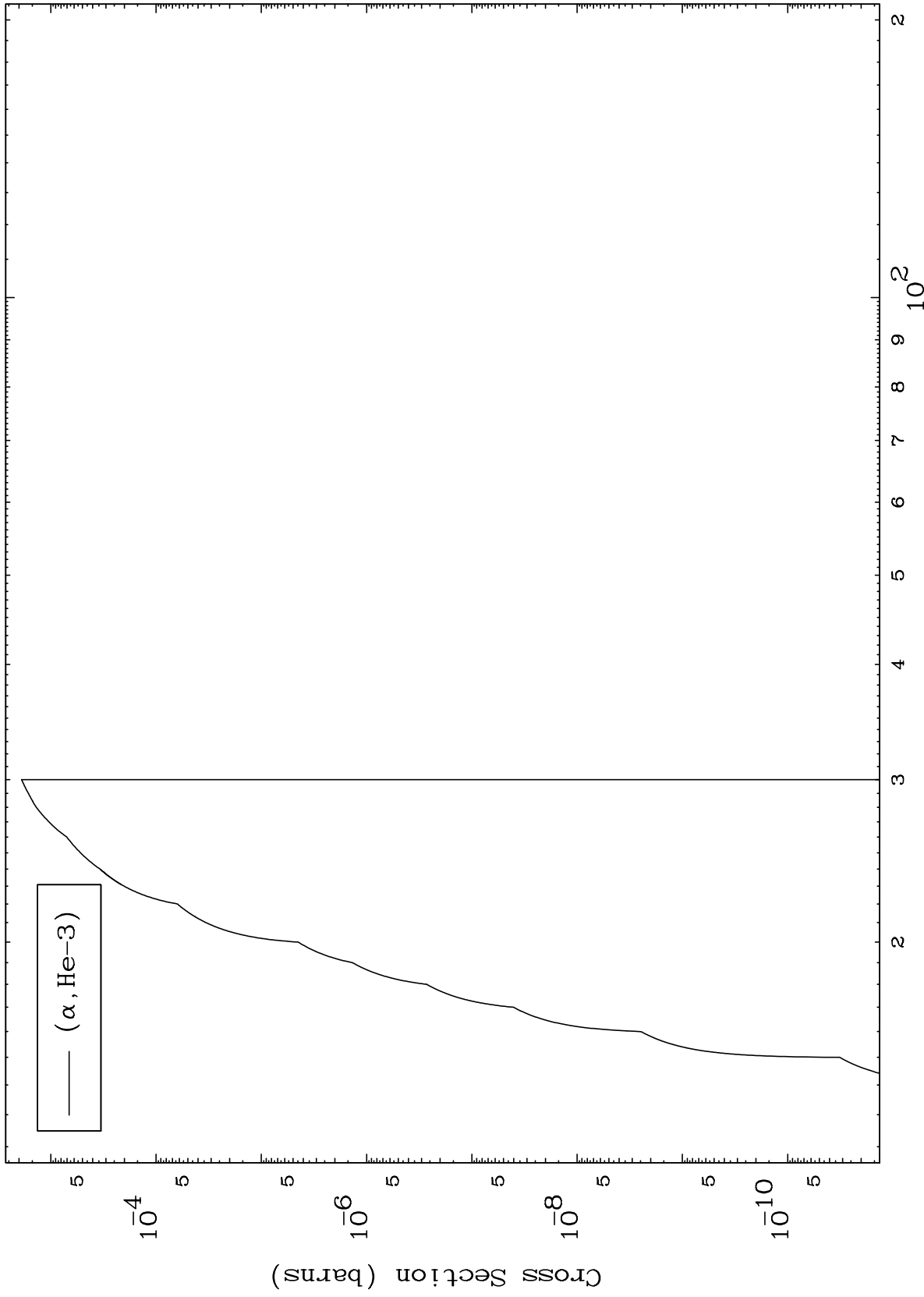
(α, t) Levels
0 Kelvin Cross Sections

19-K -42



Incident Energy (MeV)

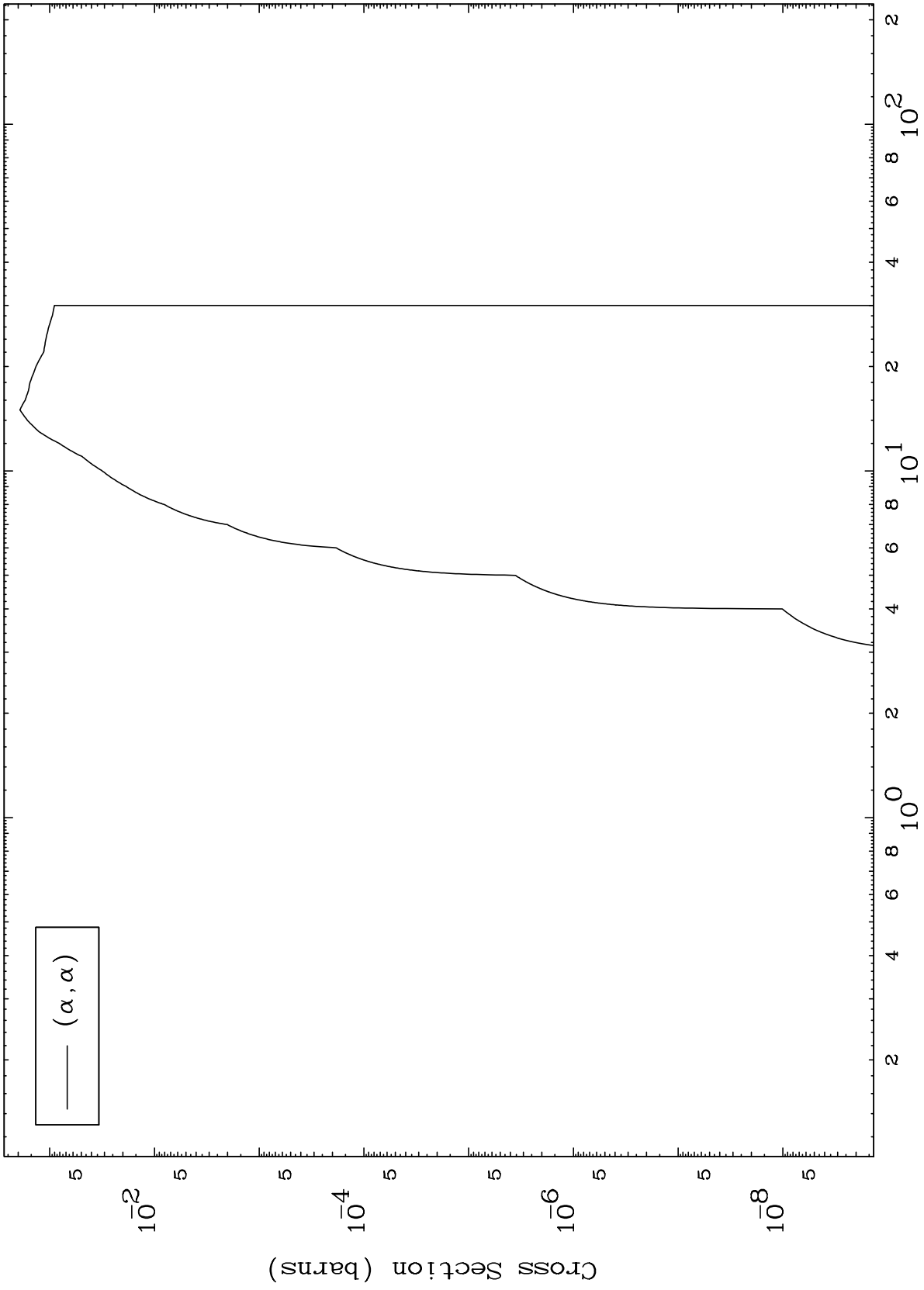
19-K -42



MAT 1934

(α, α) Levels
0 Kelvin Cross Sections

19-K -42



10

Incident Energy (MeV)

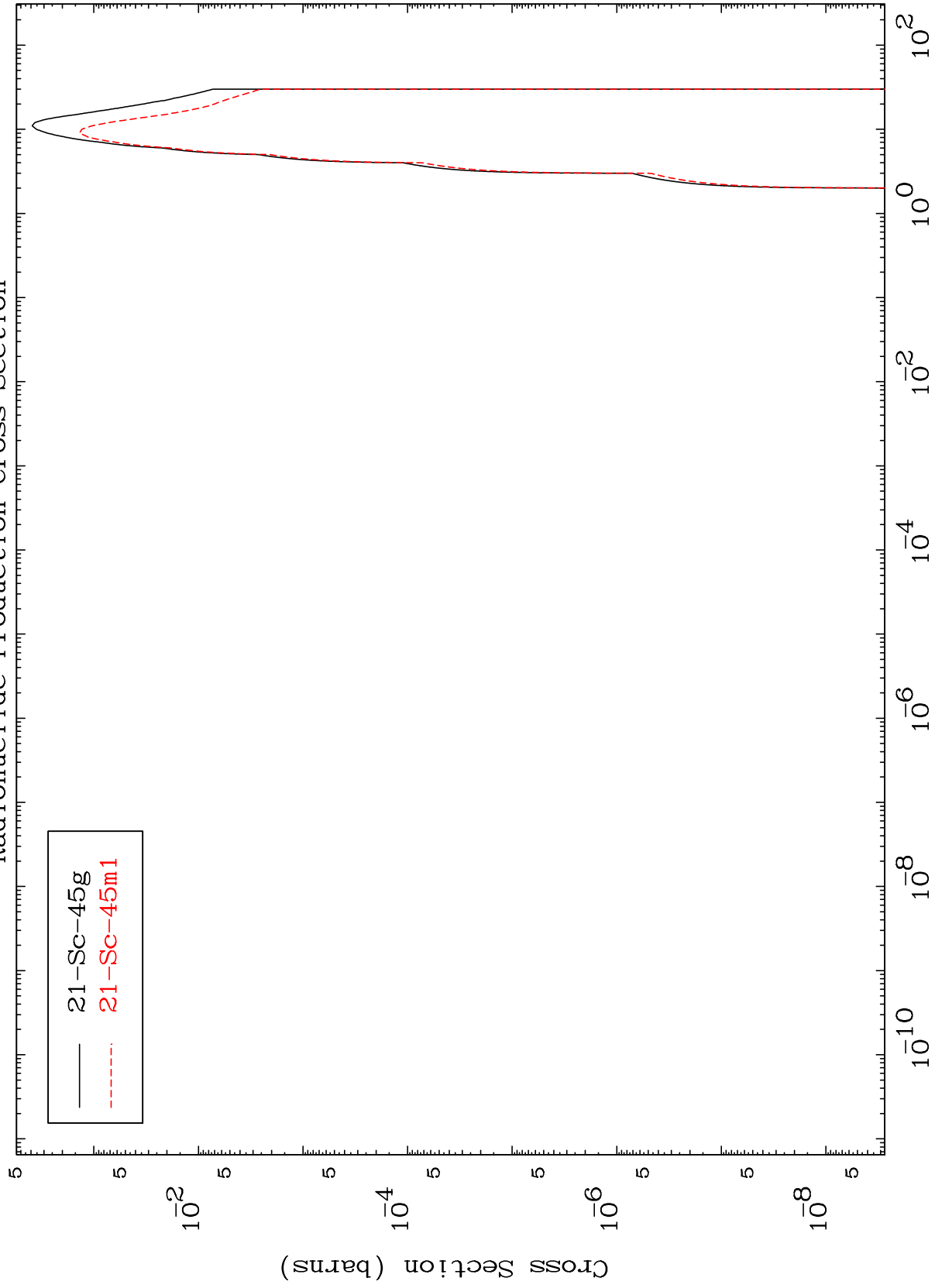
19-K -42

MAT 1934

Radionuclide Production Cross Section

α Inelastic

19-K -42

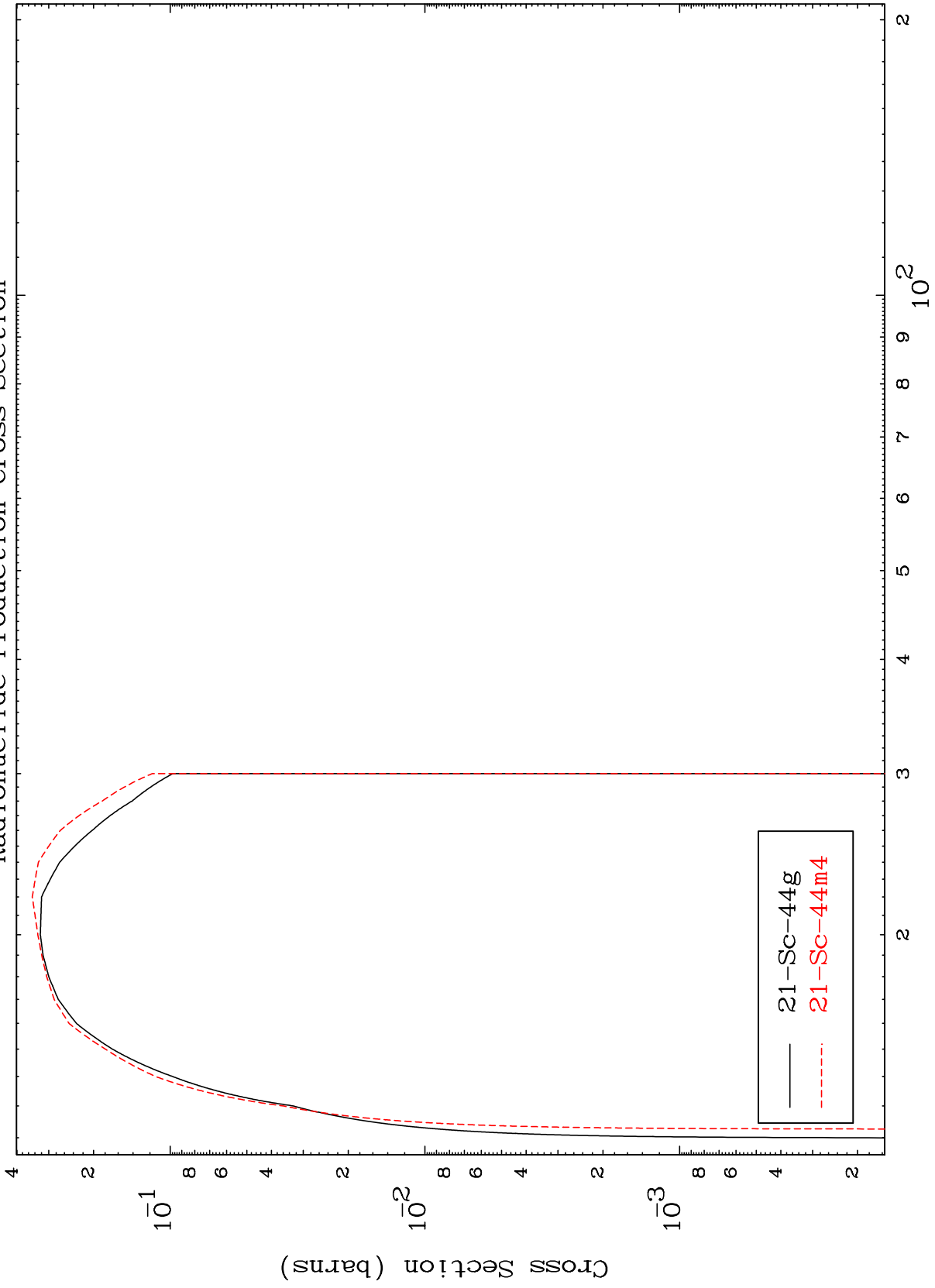


— 21-Sc-45g
- - - 21-Sc-45m1

MAT 1934

19-K -42

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



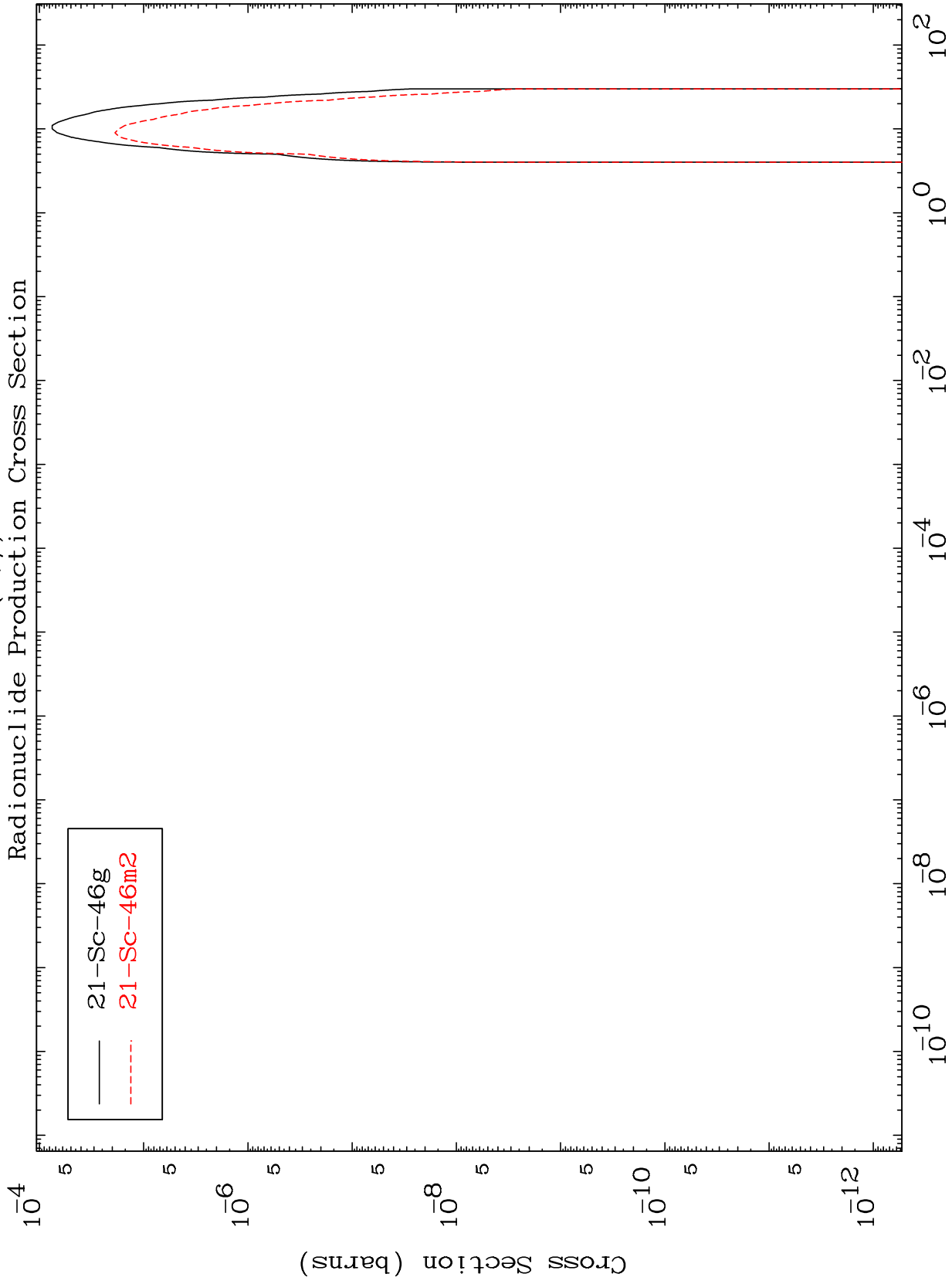
12

19-K -42

MAT 1934

Radionuclide Production Cross Section
(α, γ)

19-K -42



13

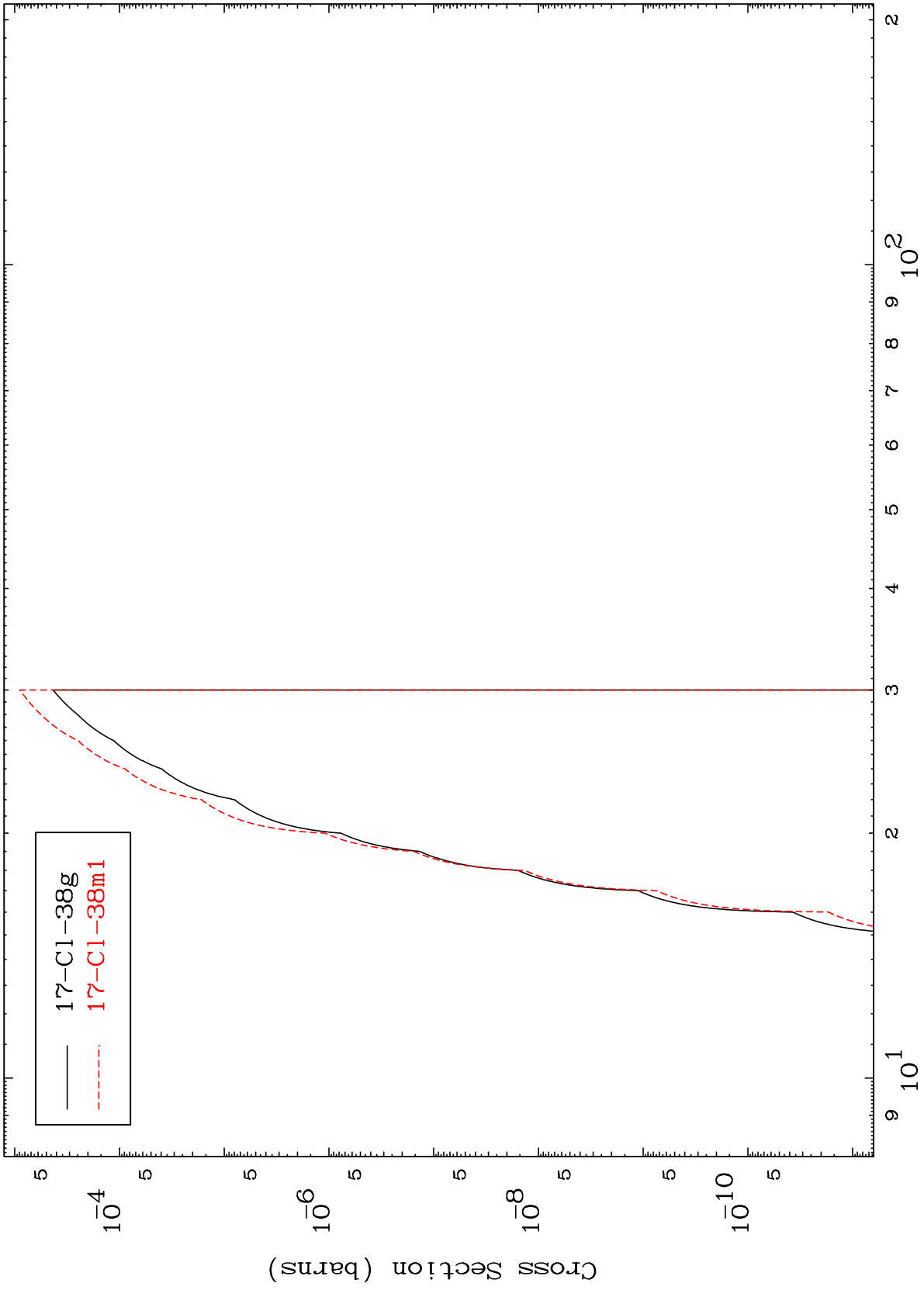
Incident Energy (MeV)

19-K -42

MAT 1934

19-K -42

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



14

Incident Energy (MeV)

19-K -42