

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

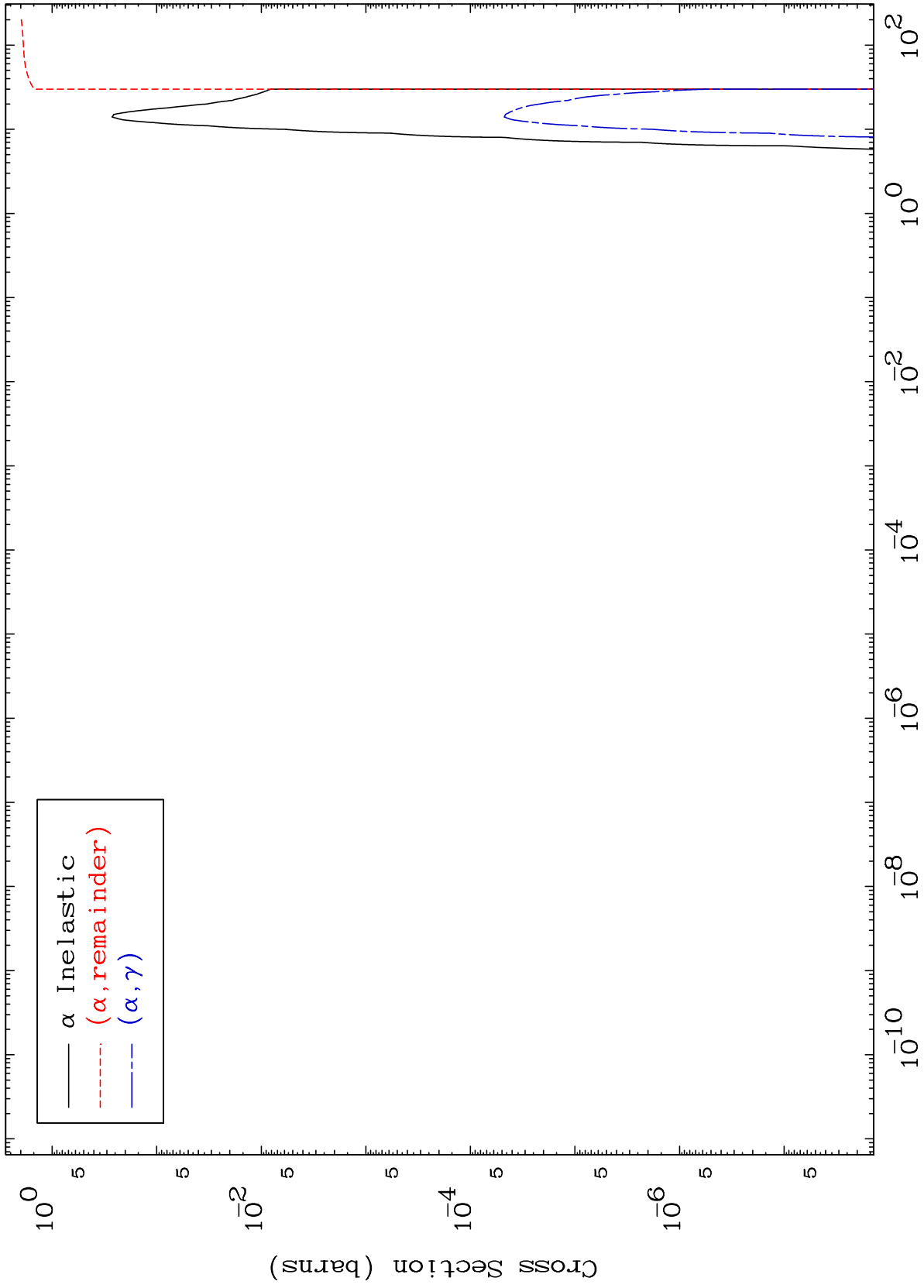
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4037

0 Kelvin α Major
Cross Sections

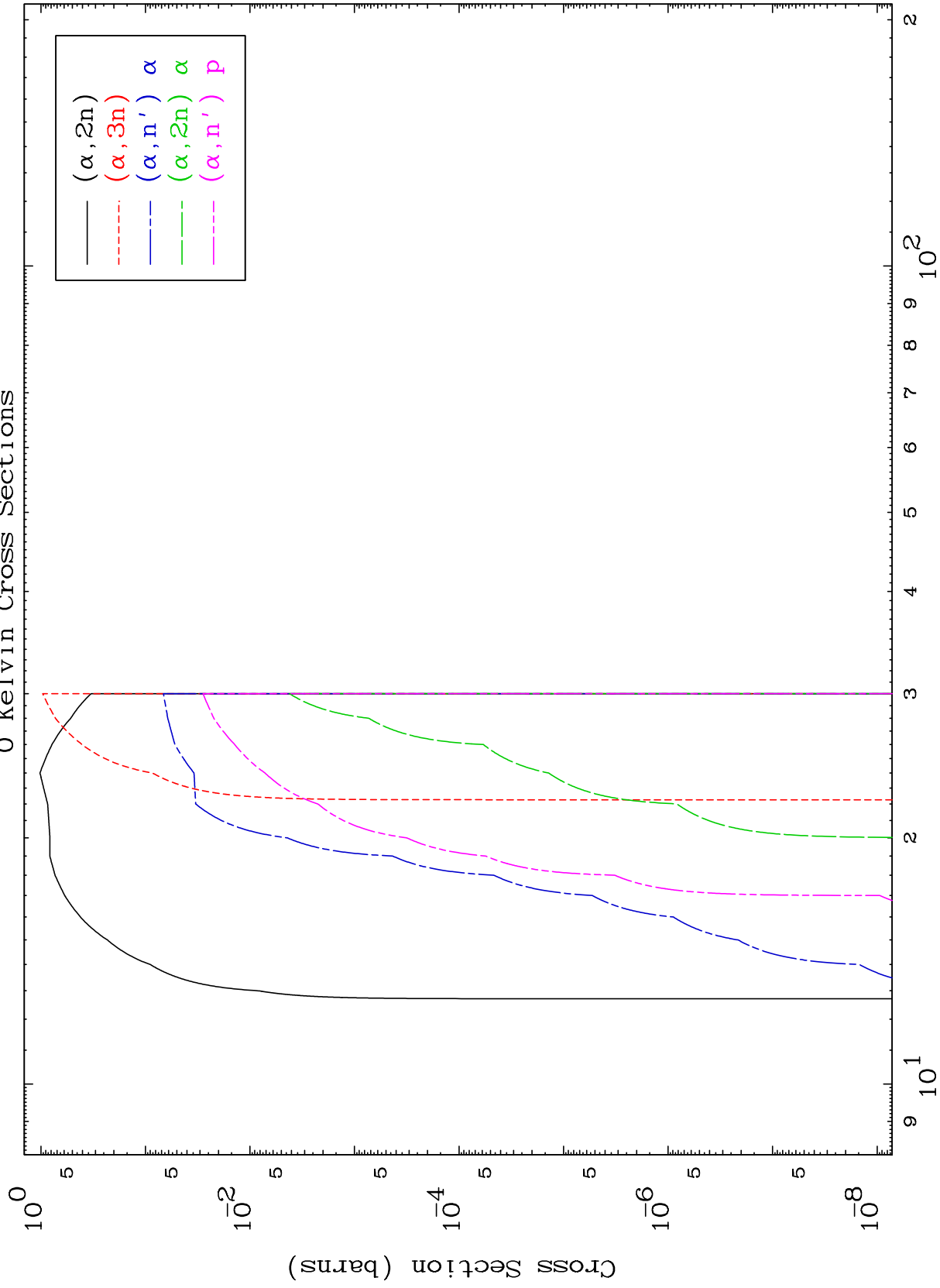
40-Zr-94



MAT 4037

α Neutron Production
0 Kelvin Cross Sections

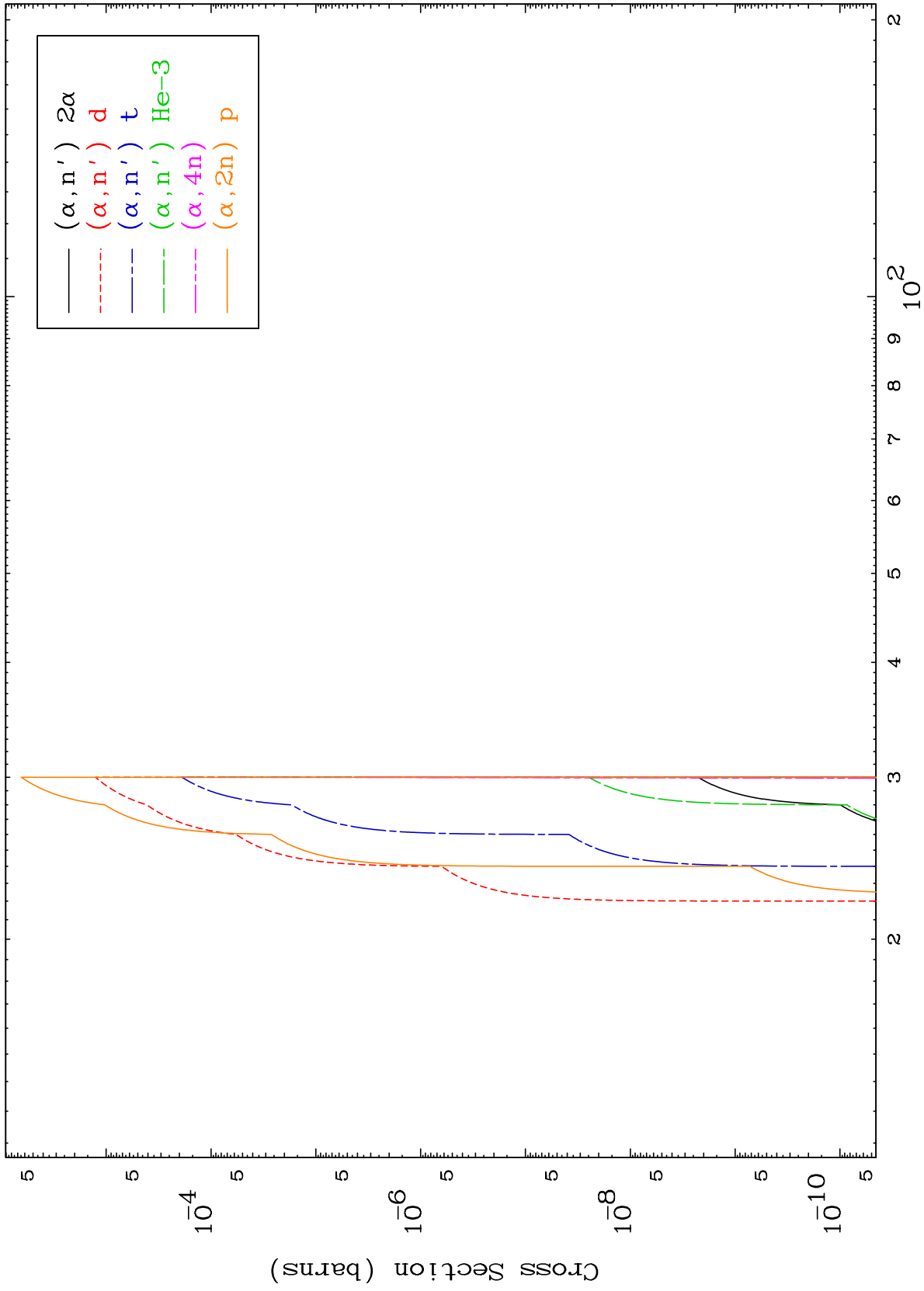
40-Zr-94

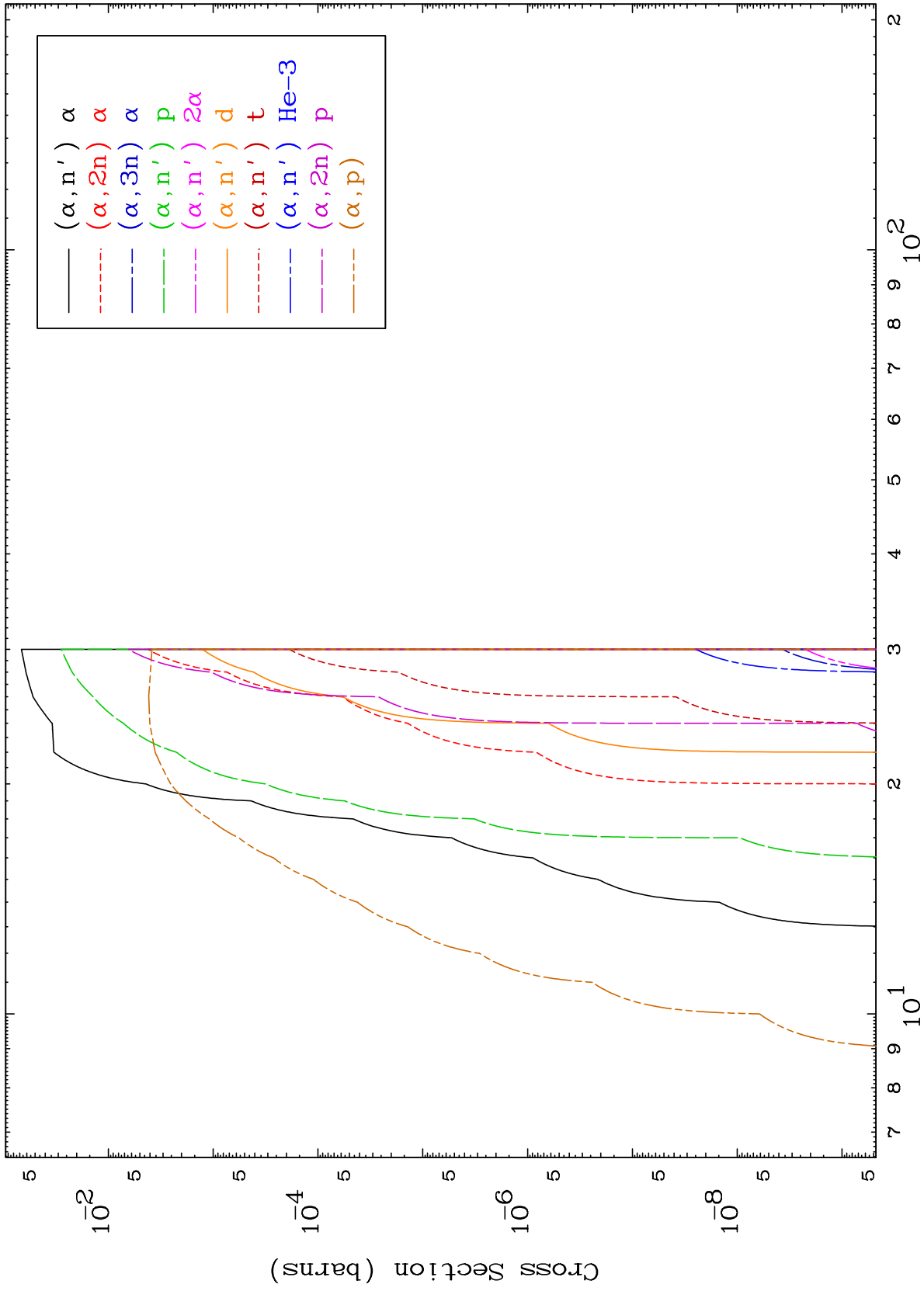


2

Incident Energy (MeV)

40-Zr-94

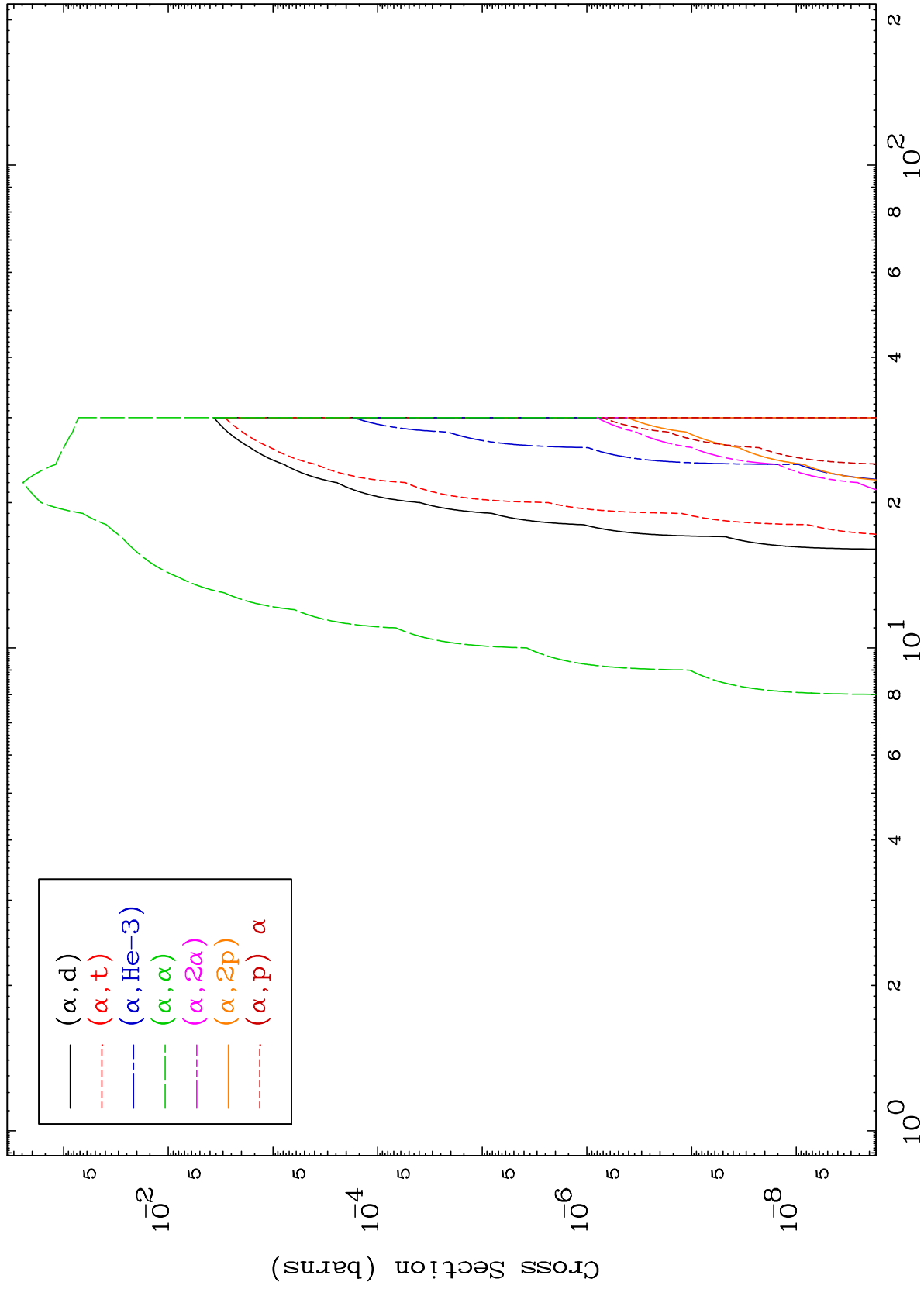




MAT 4037

α Charged Particle
0 Kelvin Cross Sections

40-Zr-94



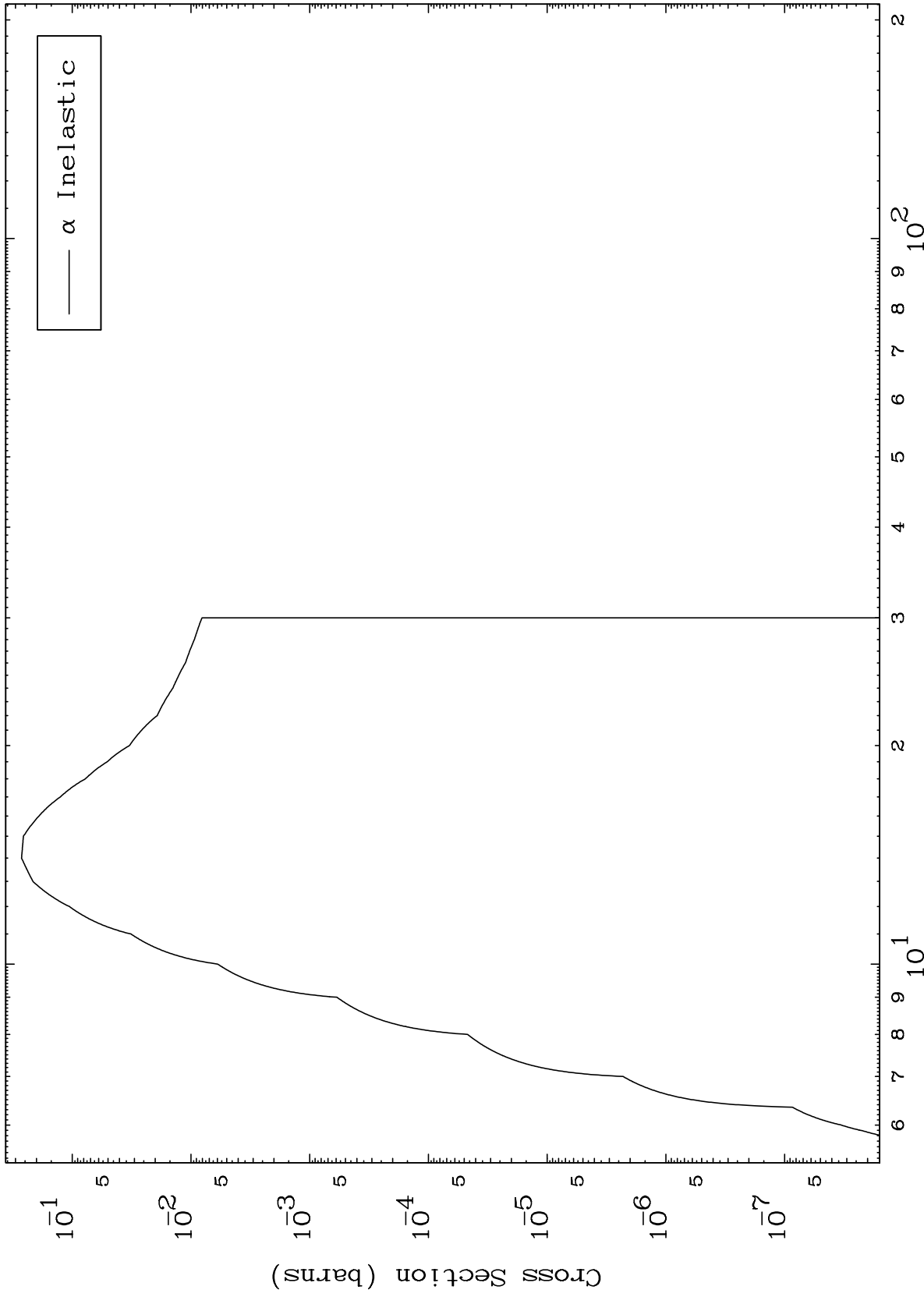
Incident Energy (MeV)

40-Zr-94

MAT 4037

(α, n') Level
0 Kelvin Cross Sections

40-Zr-94



6

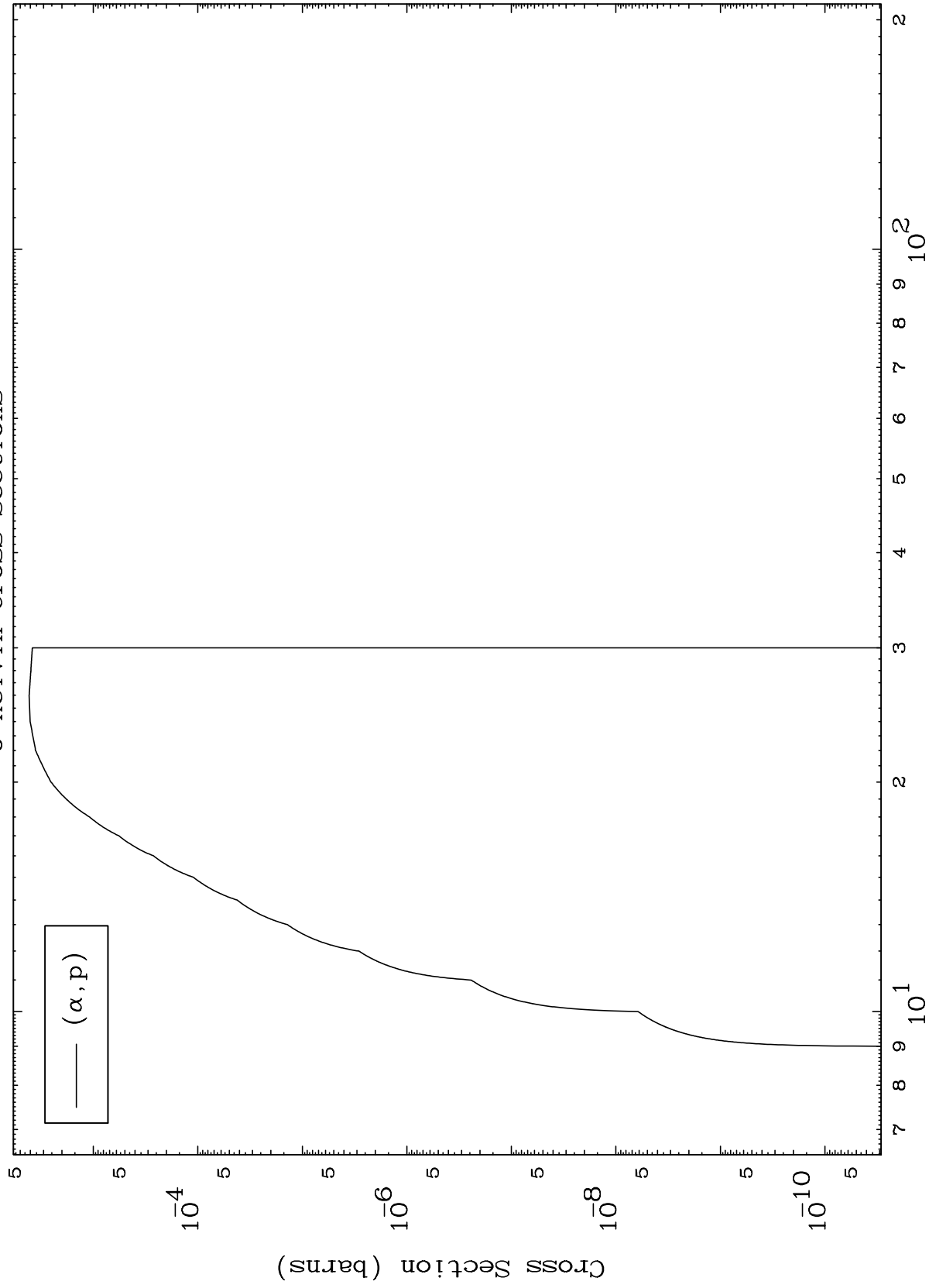
Incident Energy (MeV)

40-Zr-94

MAT 4037

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-94



7

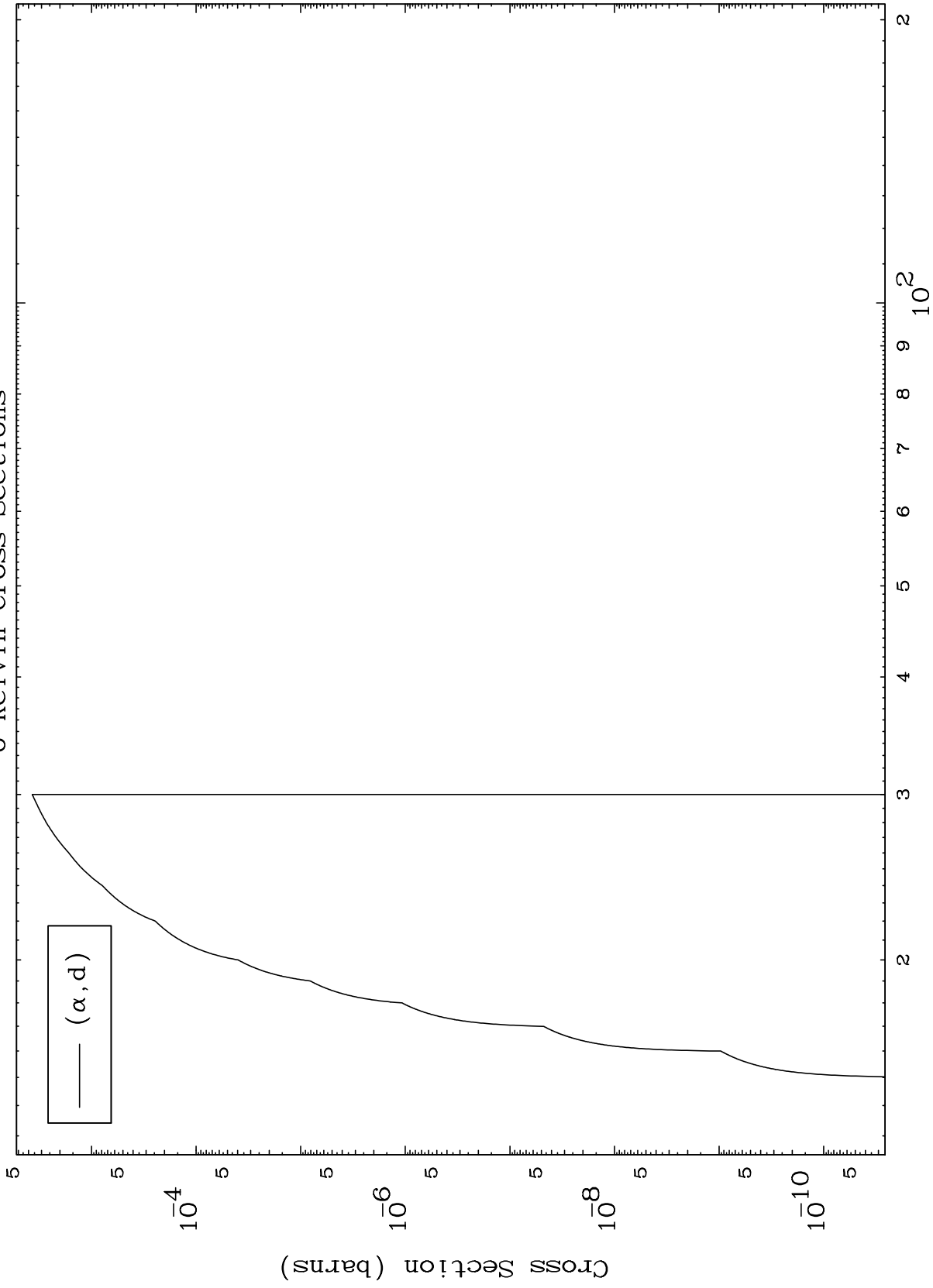
Incident Energy (MeV)

40-Zr-94

MAT 4037

(α, d) Levels
0 Kelvin Cross Sections

40-Zr-94



8

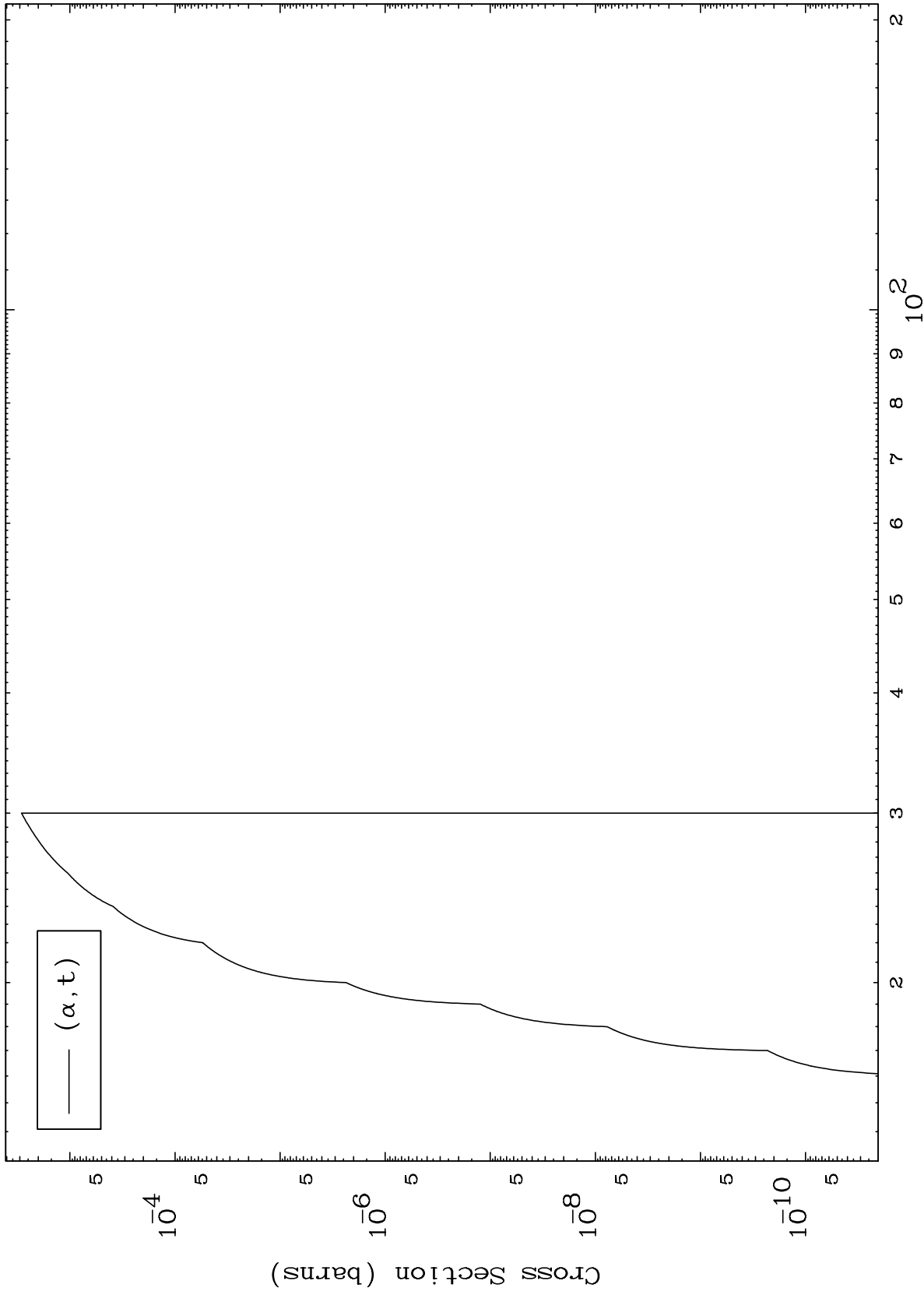
Incident Energy (MeV)

40-Zr-94

MAT 4037

(α, t) Levels
0 Kelvin Cross Sections

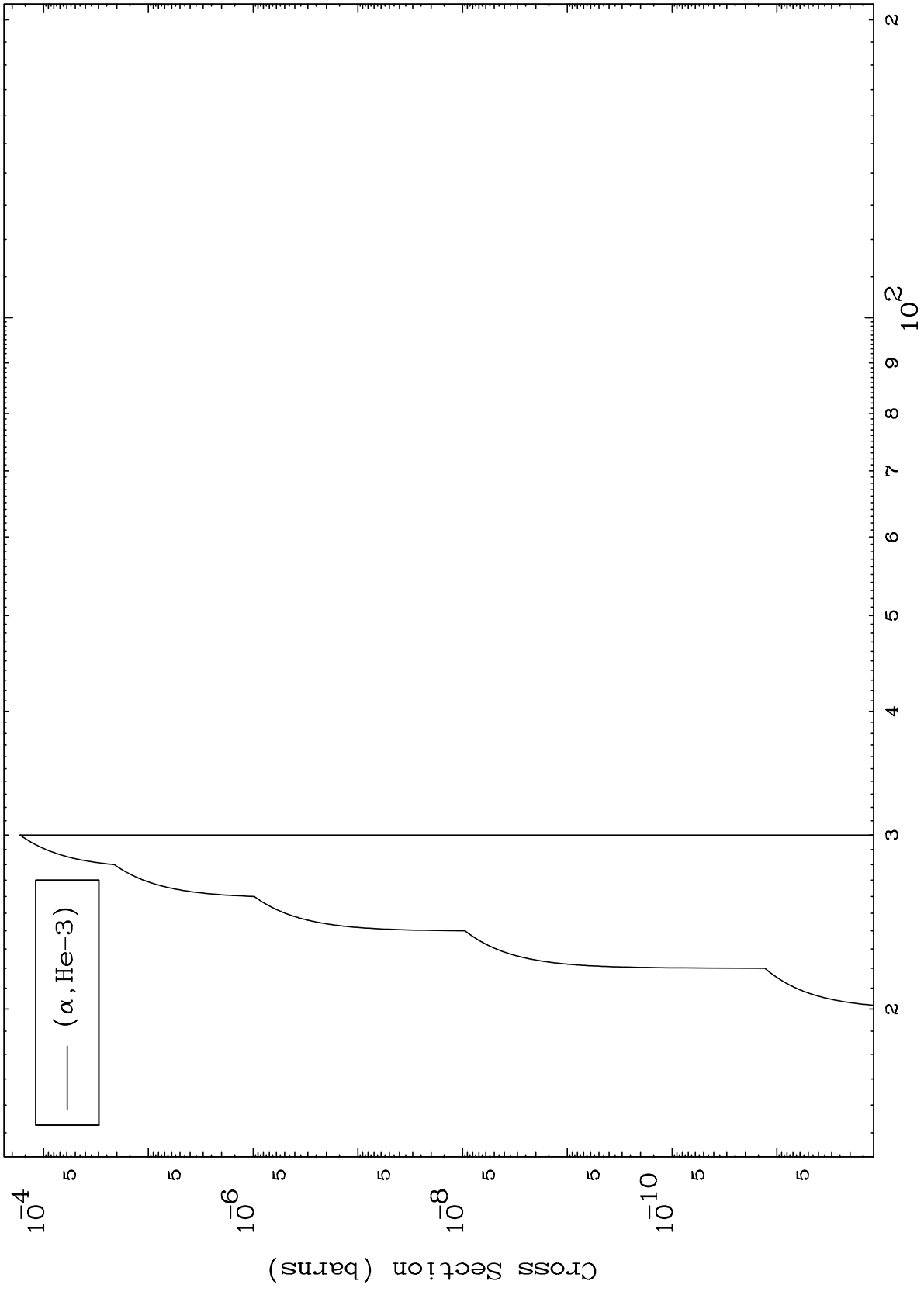
40-Zr-94



MAT 4037

(α ,He3) Levels
0 Kelvin Cross Sections

40-Zr-94



10

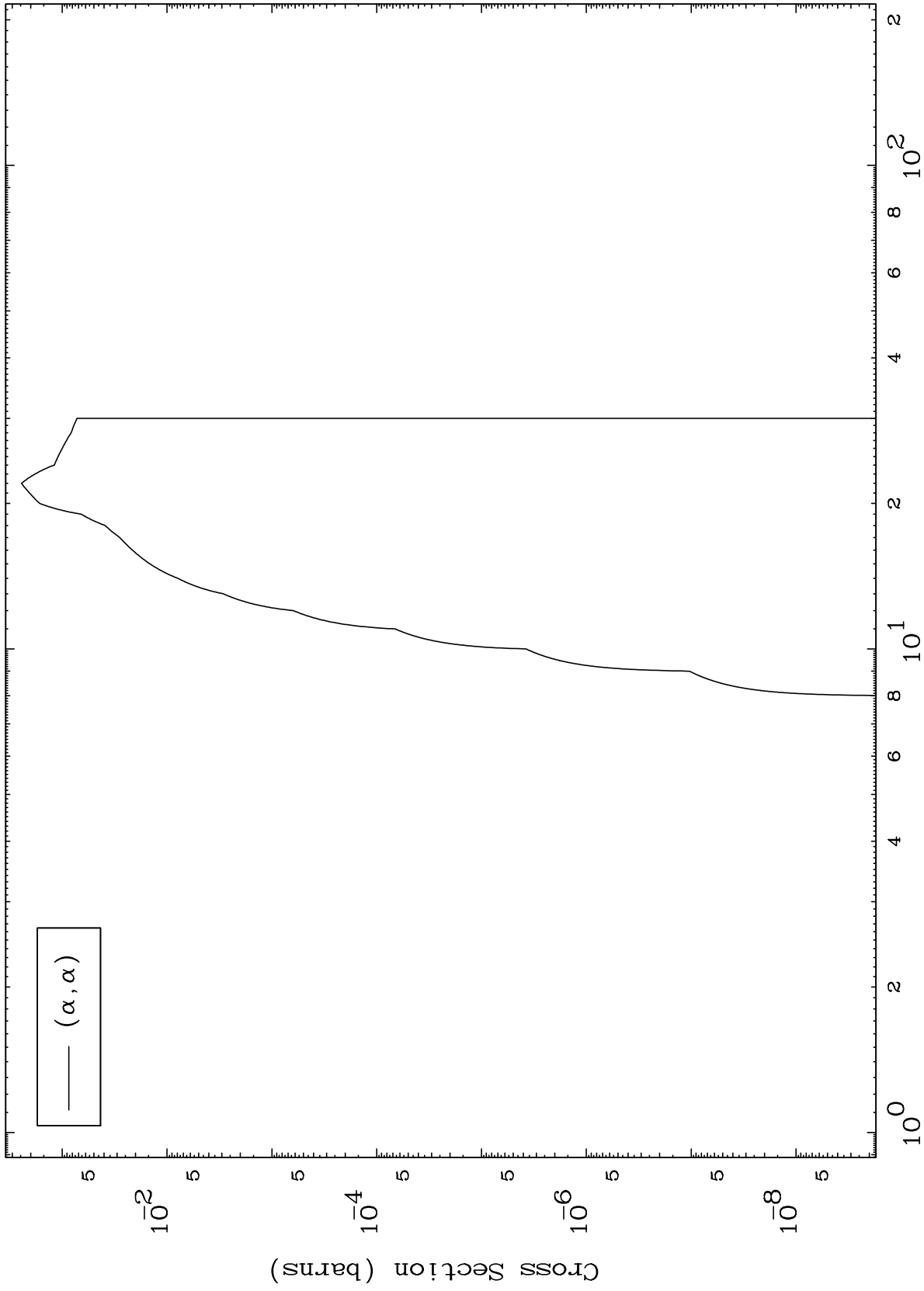
Incident Energy (MeV)

40-Zr-94

MAT 4037

(α, α) Levels
0 Kelvin Cross Sections

40-Zr-94



11

Incident Energy (MeV)

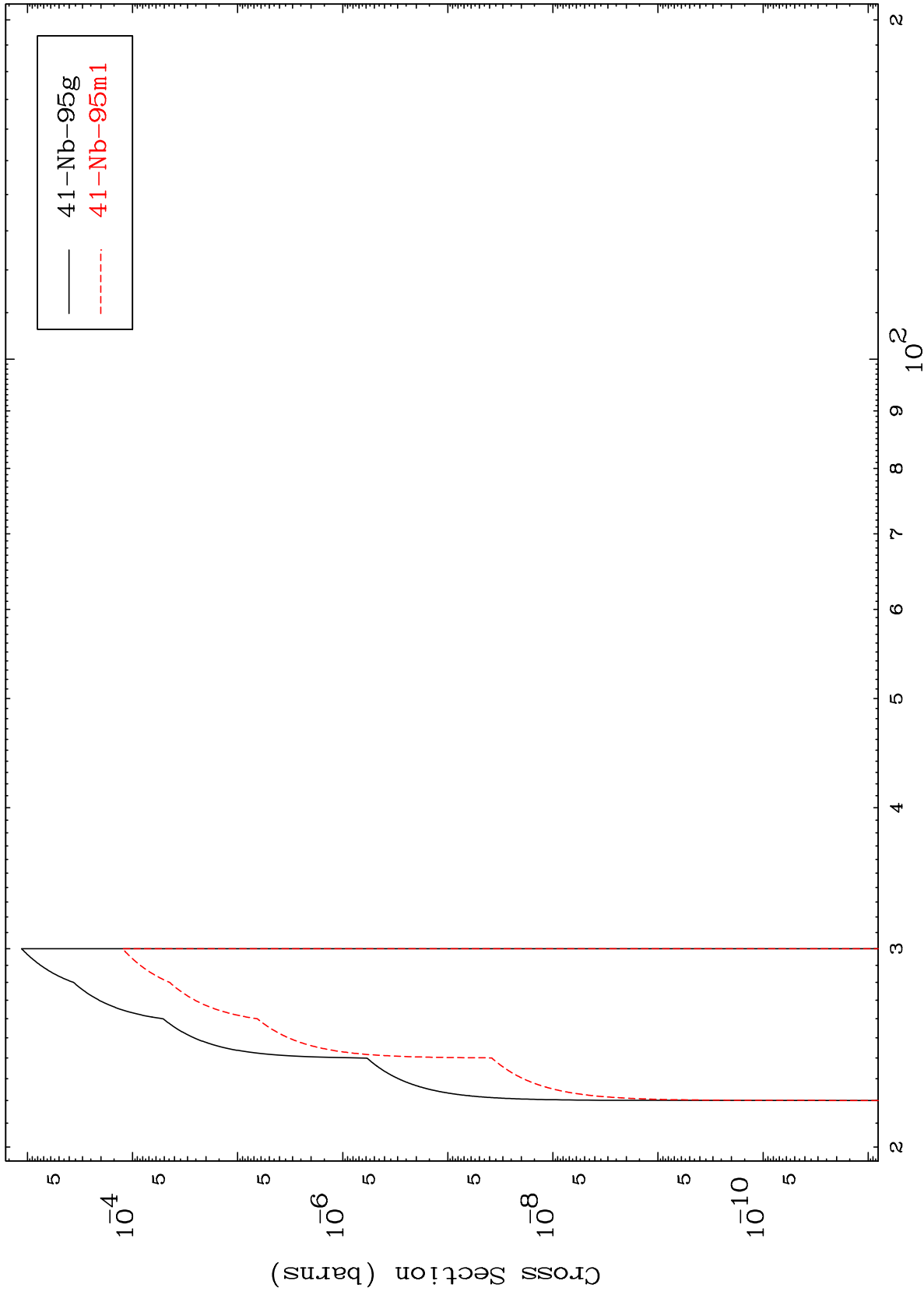
40-Zr-94

MAT 4037

(α, n') d

40-Zr-94

Radionuclide Production Cross Section



12

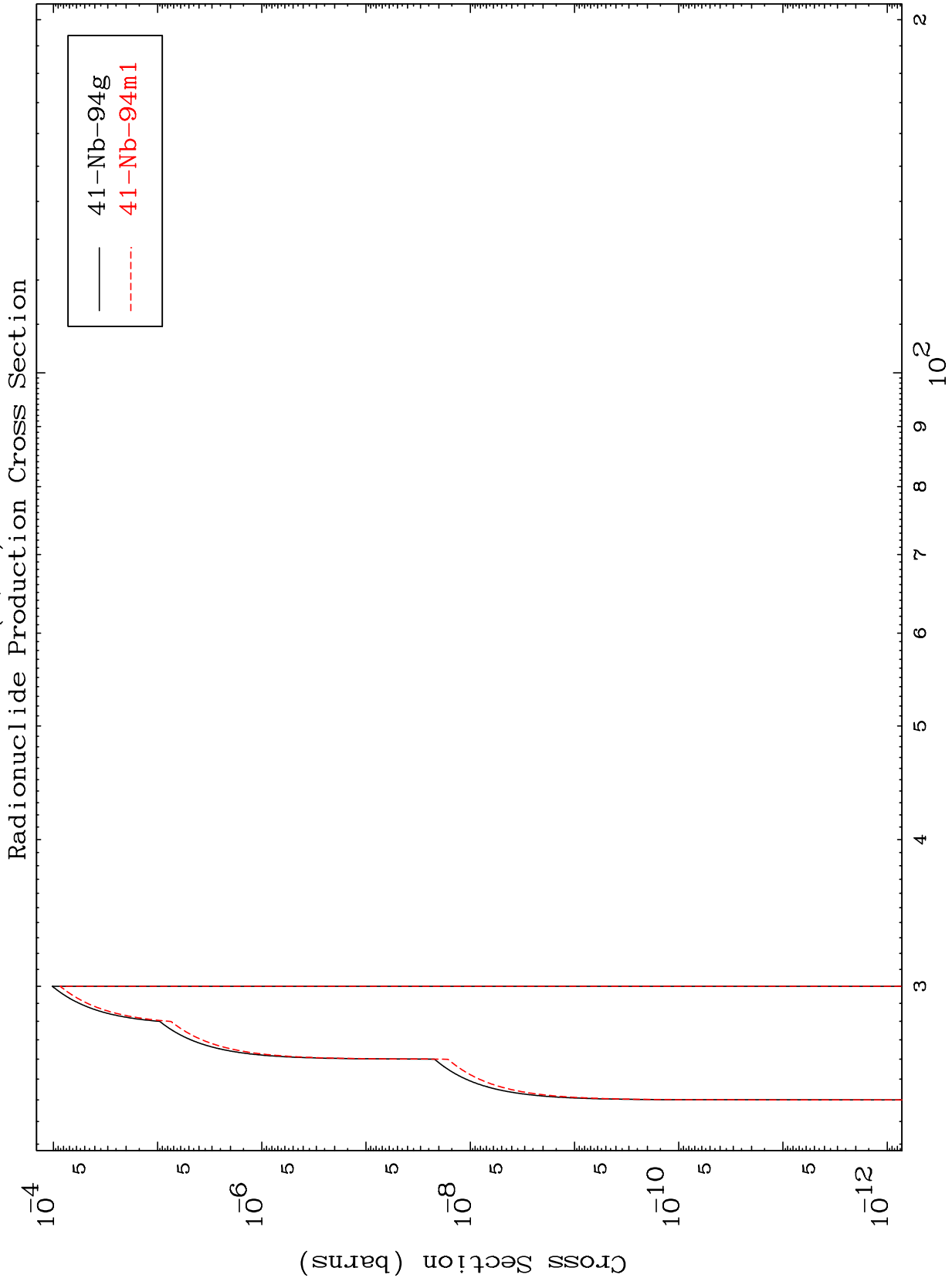
Incident Energy (MeV)

40-Zr-94

MAT 4037

(α, n') t

40-Zr-94



13

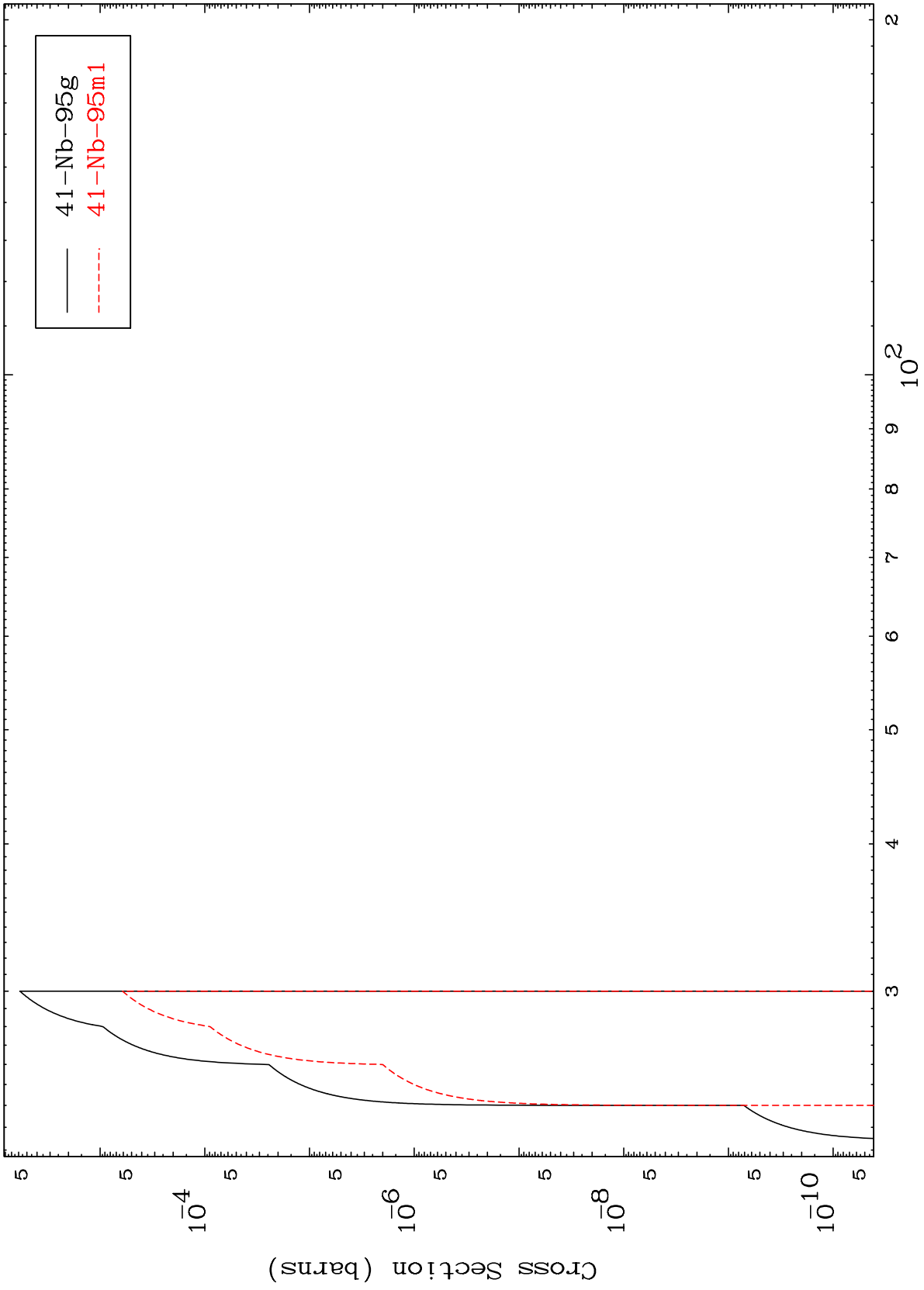
40-Zr-94

MAT 4037

($\alpha, 2n$) p

40-Zr-94

Radionuclide Production Cross Section



14

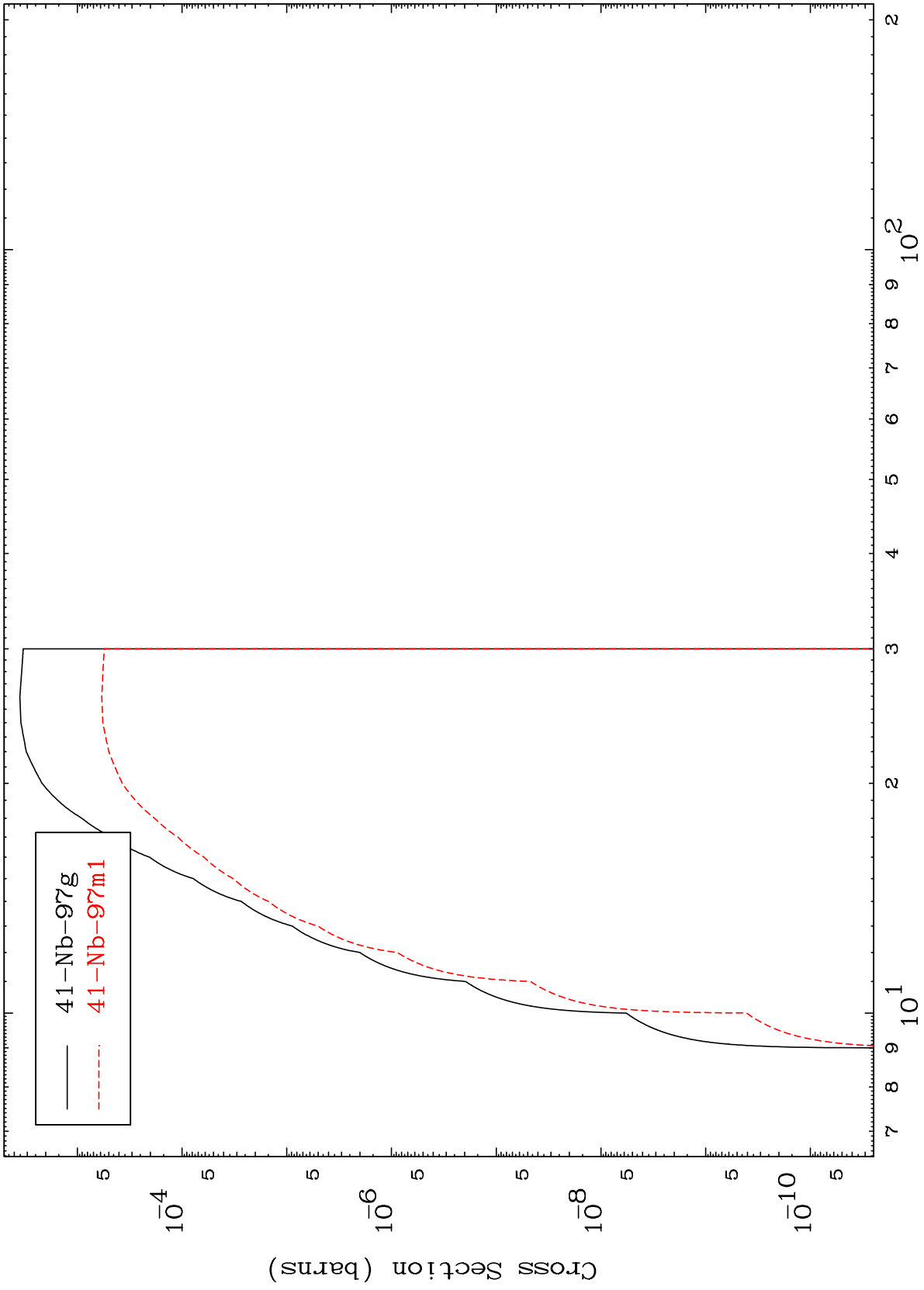
Incident Energy (MeV)

40-Zr-94

MAT 4037

40-Zr-94

Radionuclide Production Cross Section
(α, p)



15

Incident Energy (MeV)

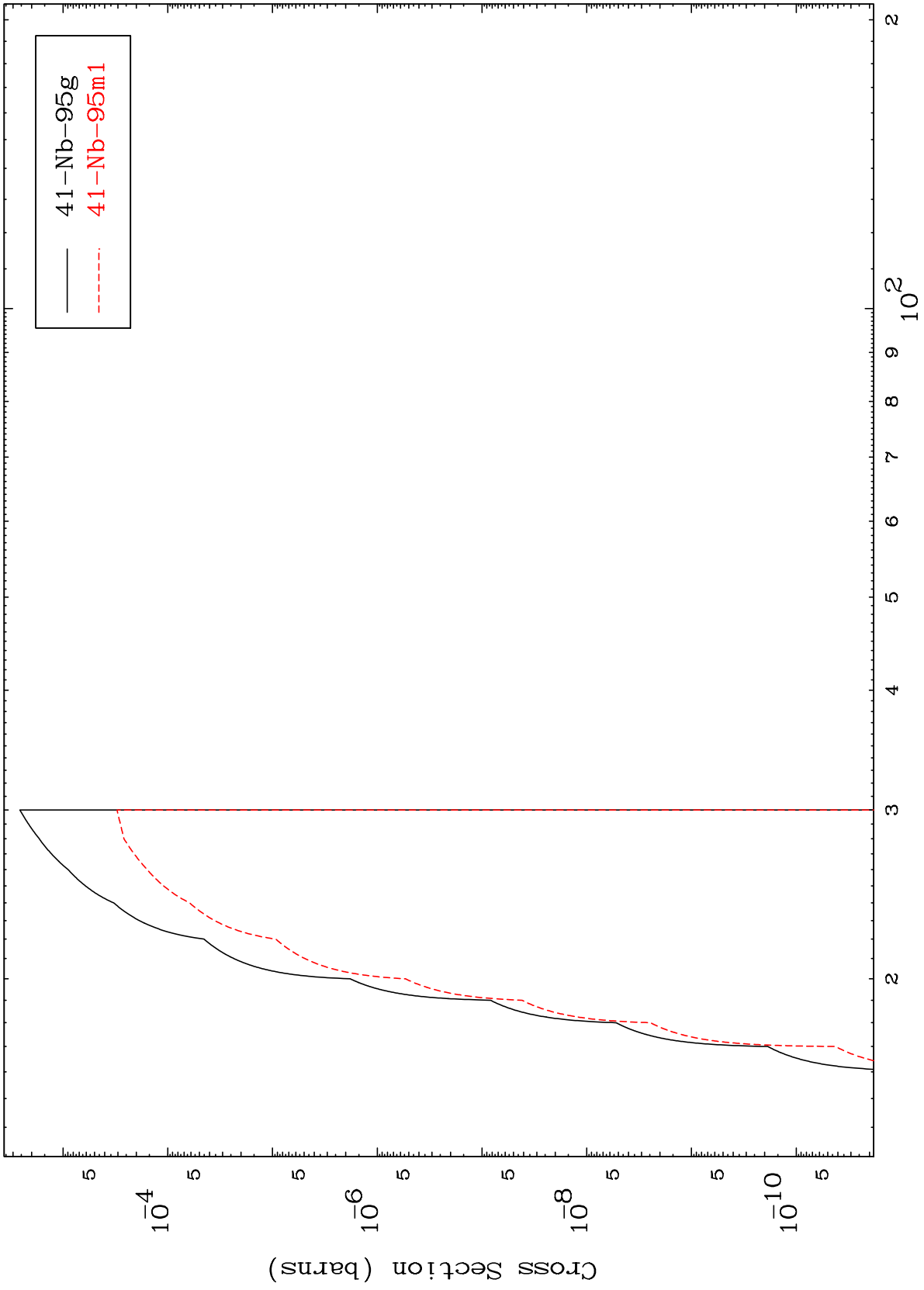
40-Zr-94

MAT 4037

(α, t)

40-Zr-94

Radionuclide Production Cross Section



16

Incident Energy (MeV)

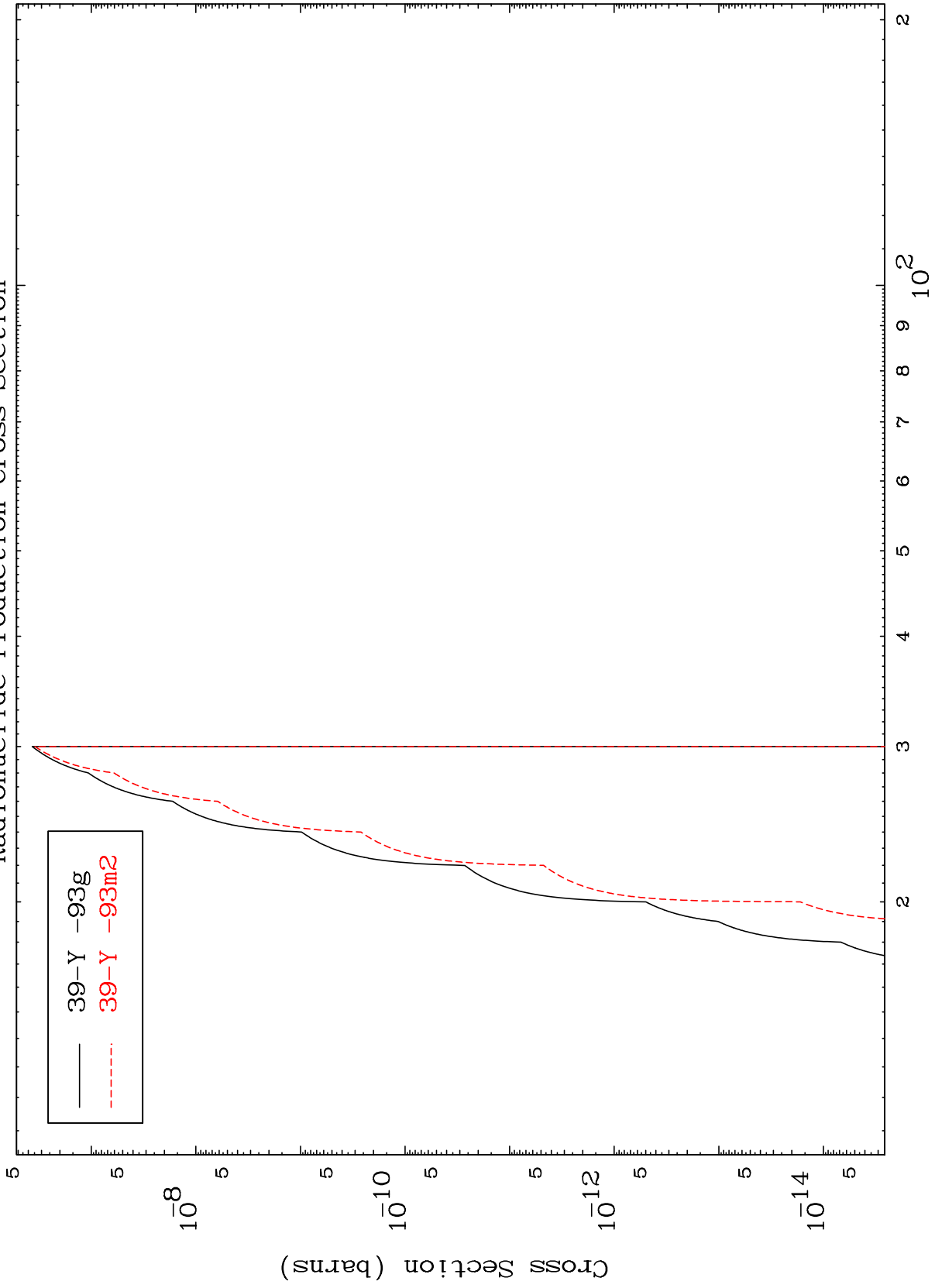
40-Zr-94

MAT 4037

(α, p) α

40-Zr-94

Radionuclide Production Cross Section



17

Incident Energy (MeV)

40-Zr-94