

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

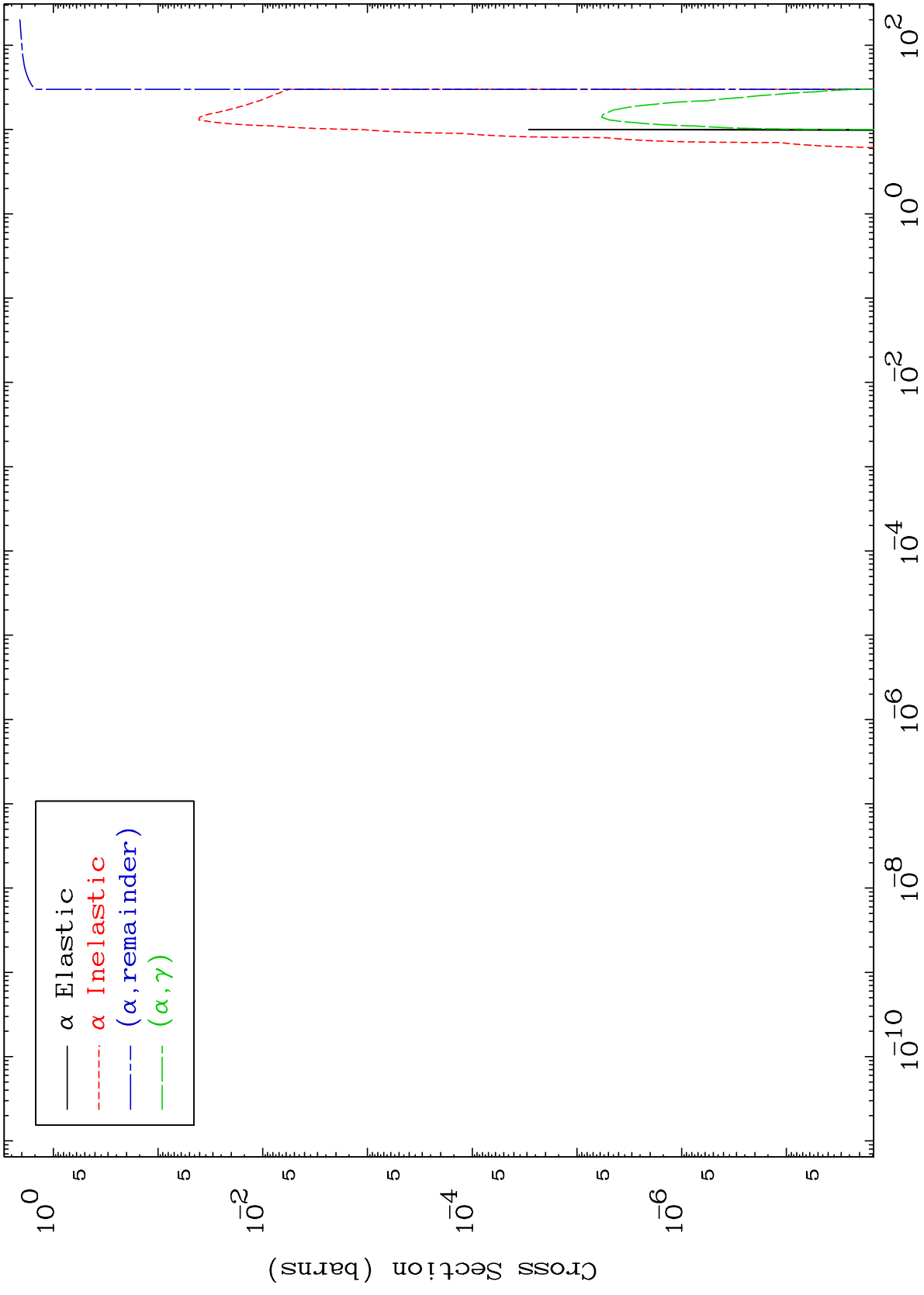
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4455

0 Kelvin α Major
Cross Sections

44-Ru-106



1

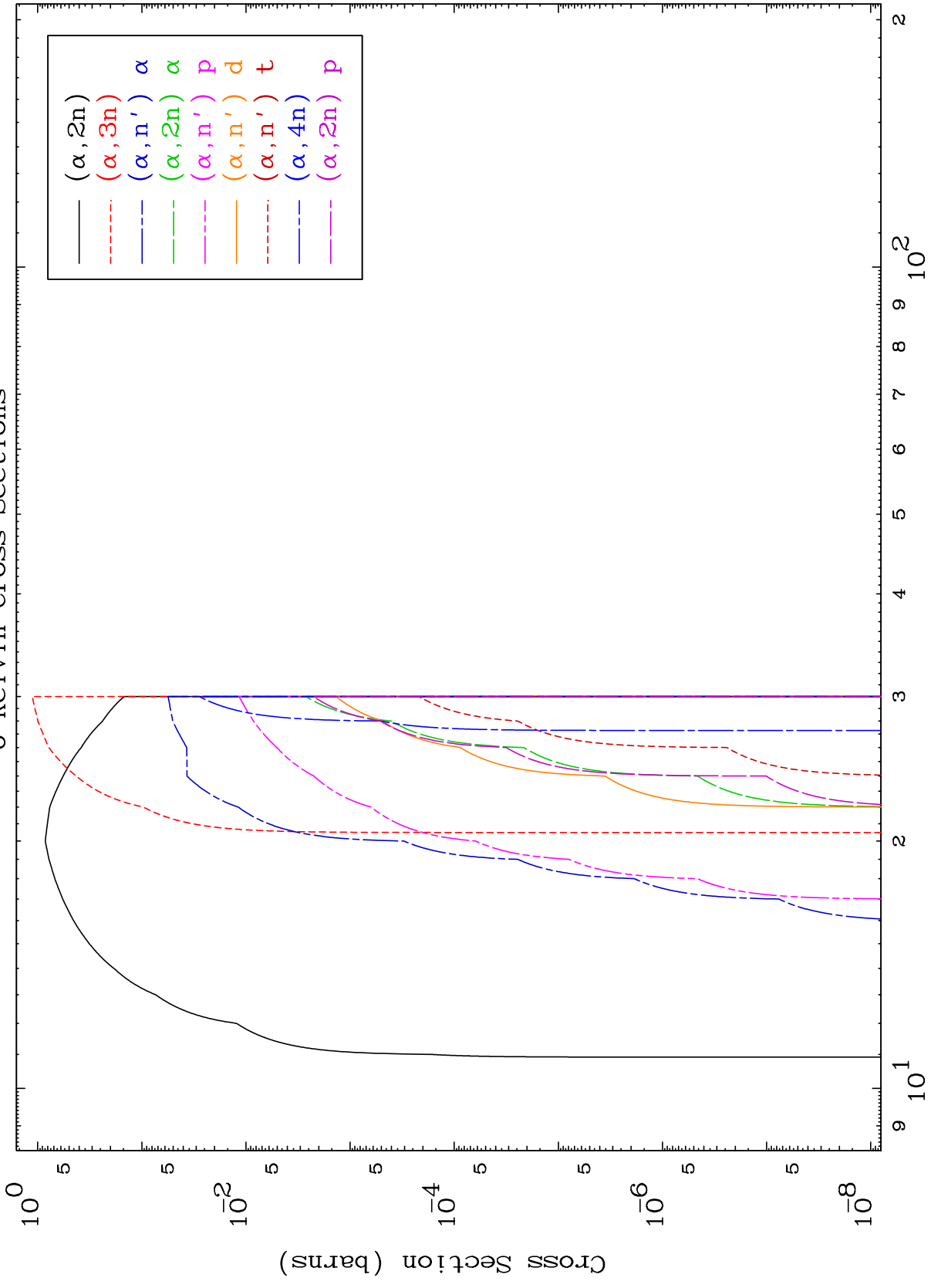
Incident Energy (MeV)

44-Ru-106

MAT 4455

α Neutron Production
0 Kelvin Cross Sections

44-Ru-106



2

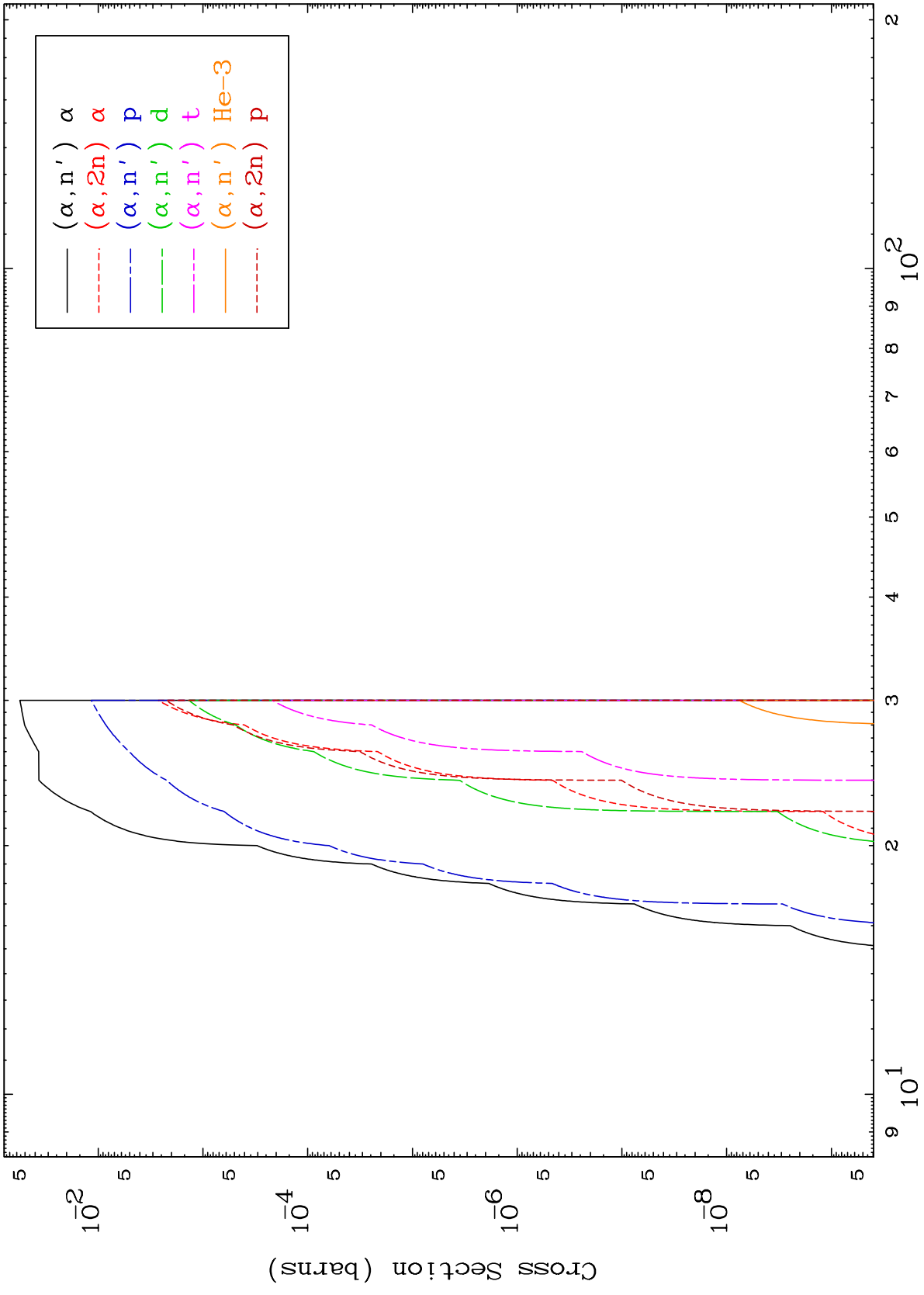
Incident Energy (MeV)

44-Ru-106

MAT 4455

α Charged Particle
0 Kelvin Cross Sections

44-Ru-106



3

Incident Energy (MeV)

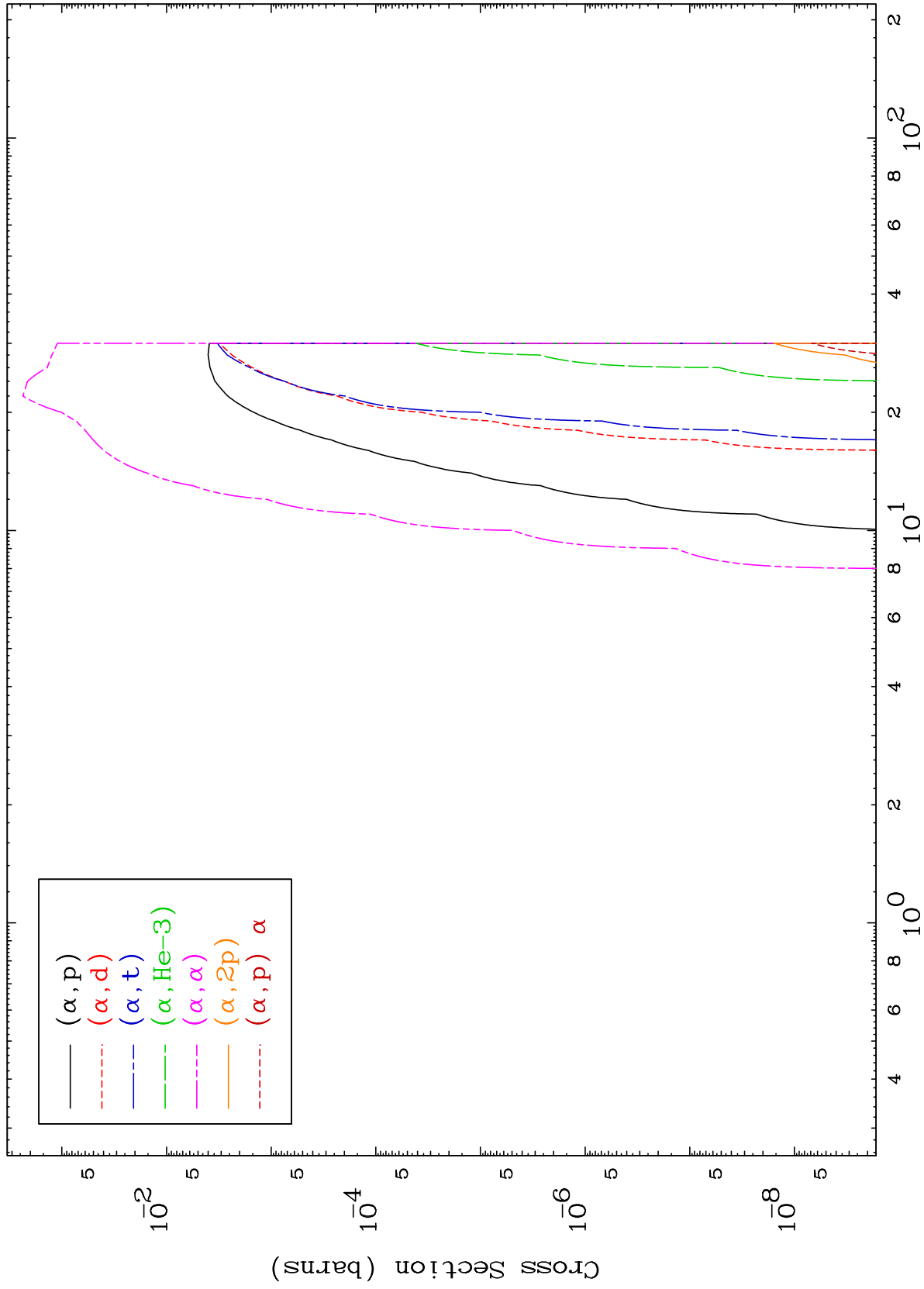
44-Ru-106

MAT 4455

α Charged Particle

44-Ru-106

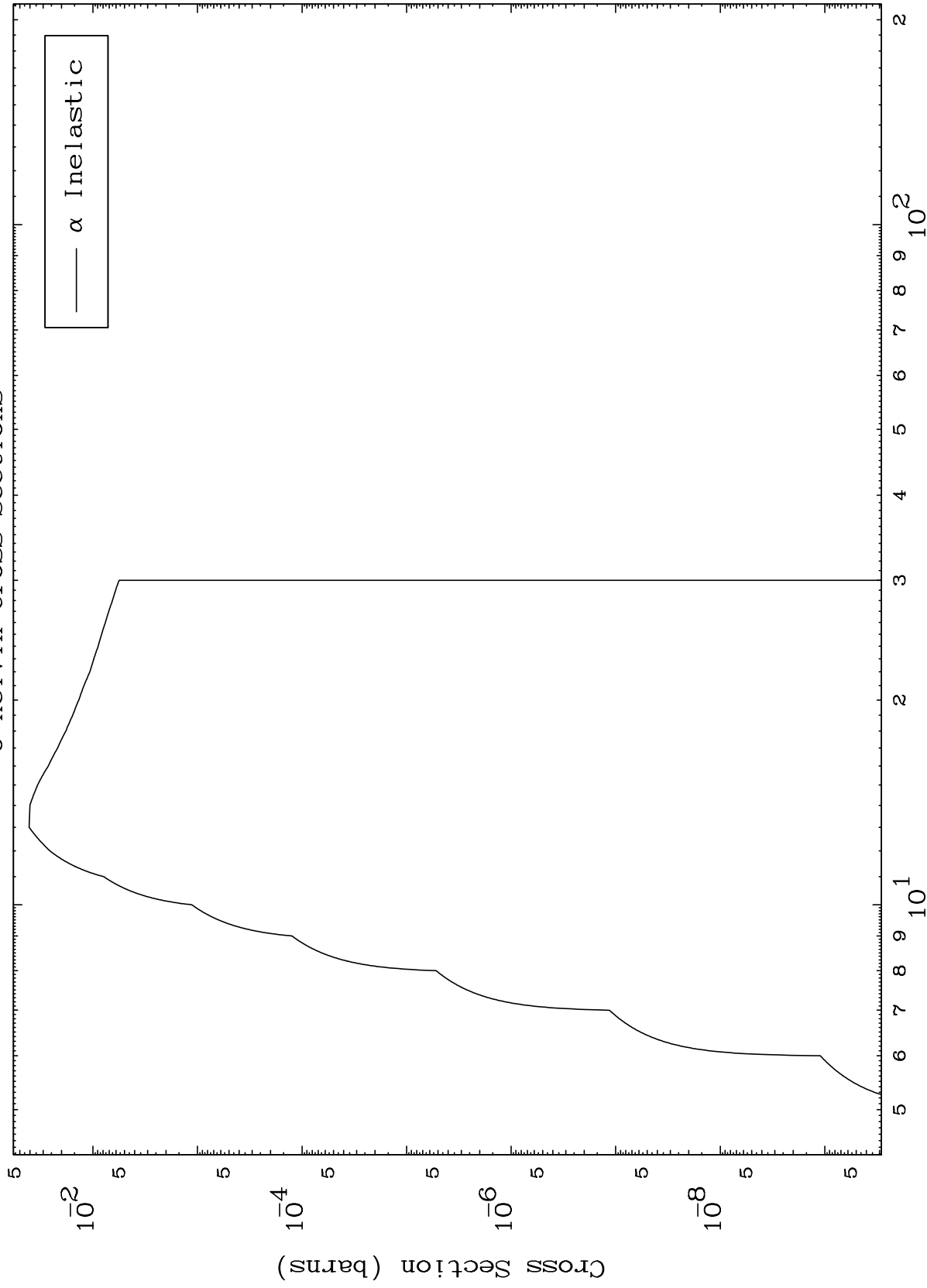
0 Kelvin Cross Sections



MAT 4455

(α, n') Level
0 Kelvin Cross Sections

44-Ru-106



5

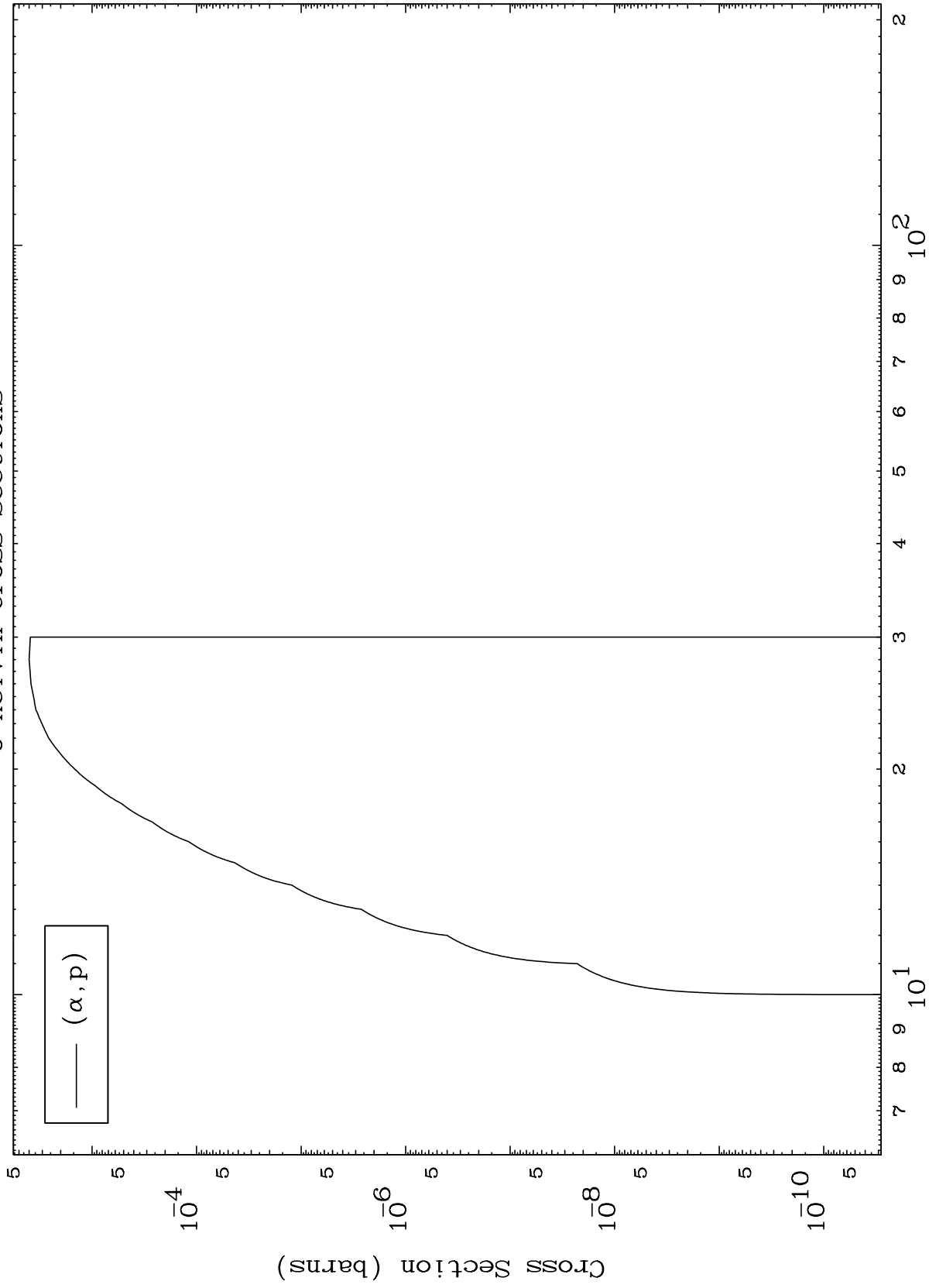
Incident Energy (MeV)

44-Ru-106

MAT 4455

(α, p) Levels
0 Kelvin Cross Sections

44-Ru-106



6

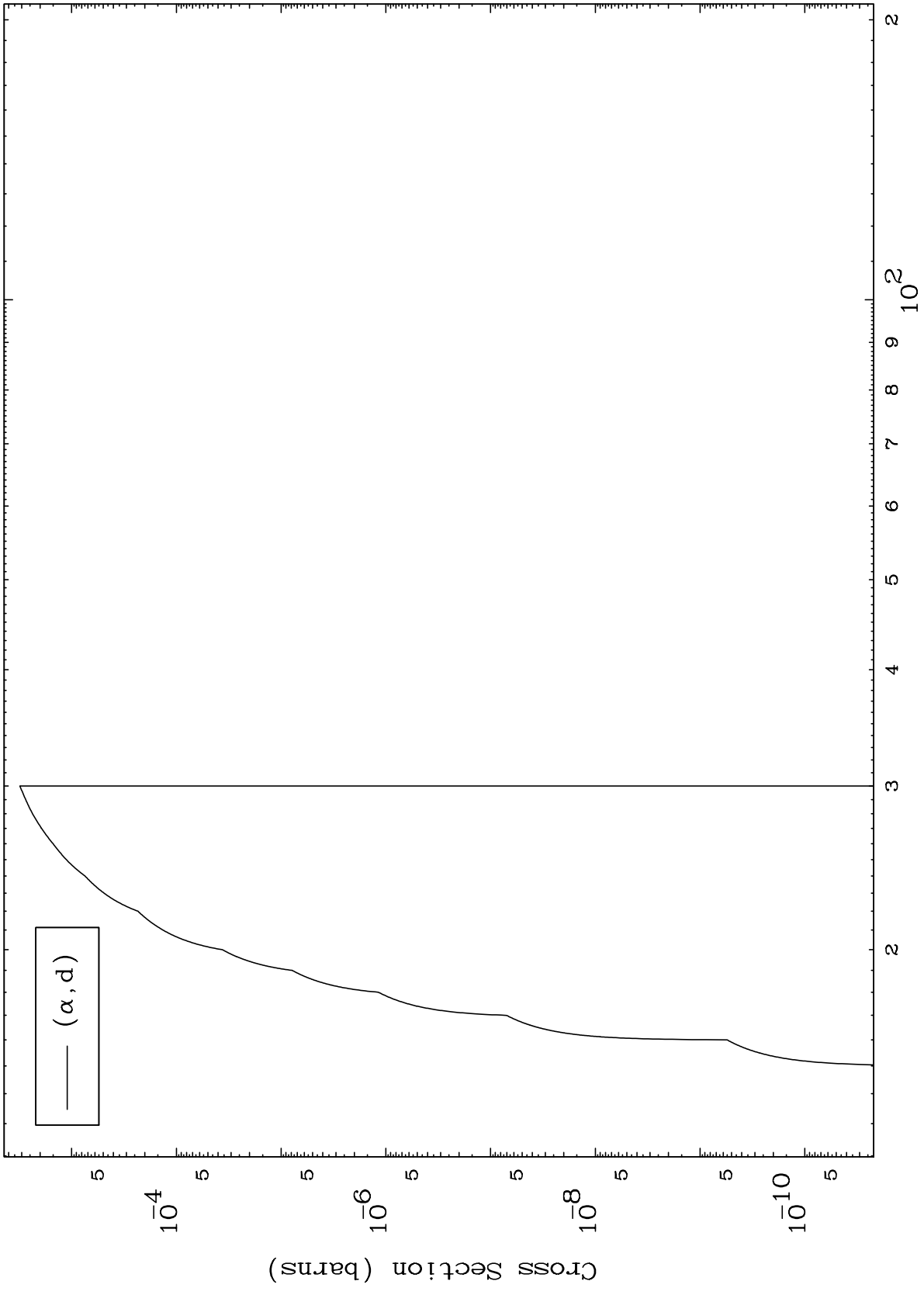
Incident Energy (MeV)

44-Ru-106

MAT 4455

(α, d) Levels
0 Kelvin Cross Sections

44-Ru-106



7

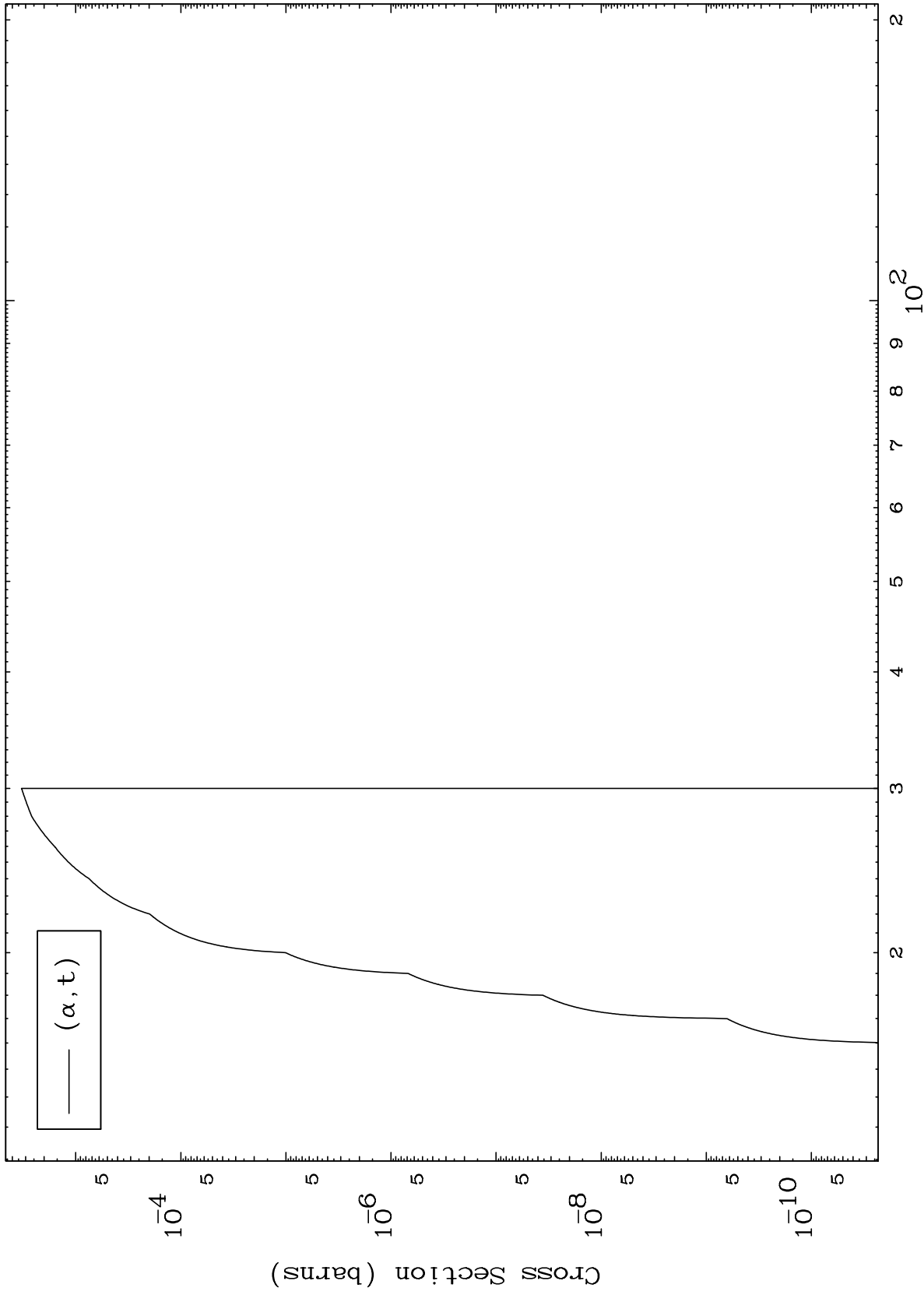
Incident Energy (MeV)

44-Ru-106

MAT 4455

(α, t) Levels
0 Kelvin Cross Sections

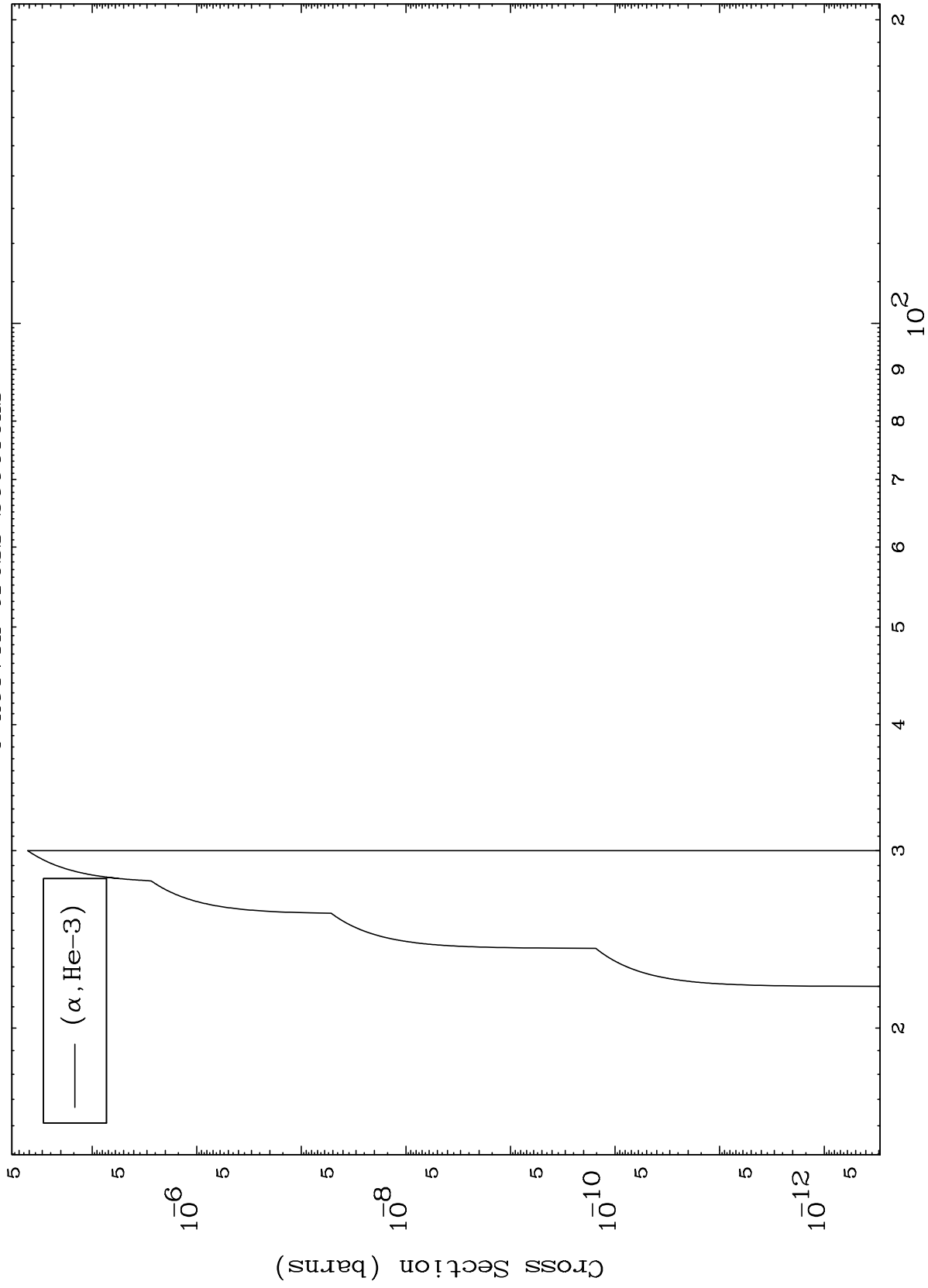
44-Ru-106



8

Incident Energy (MeV)

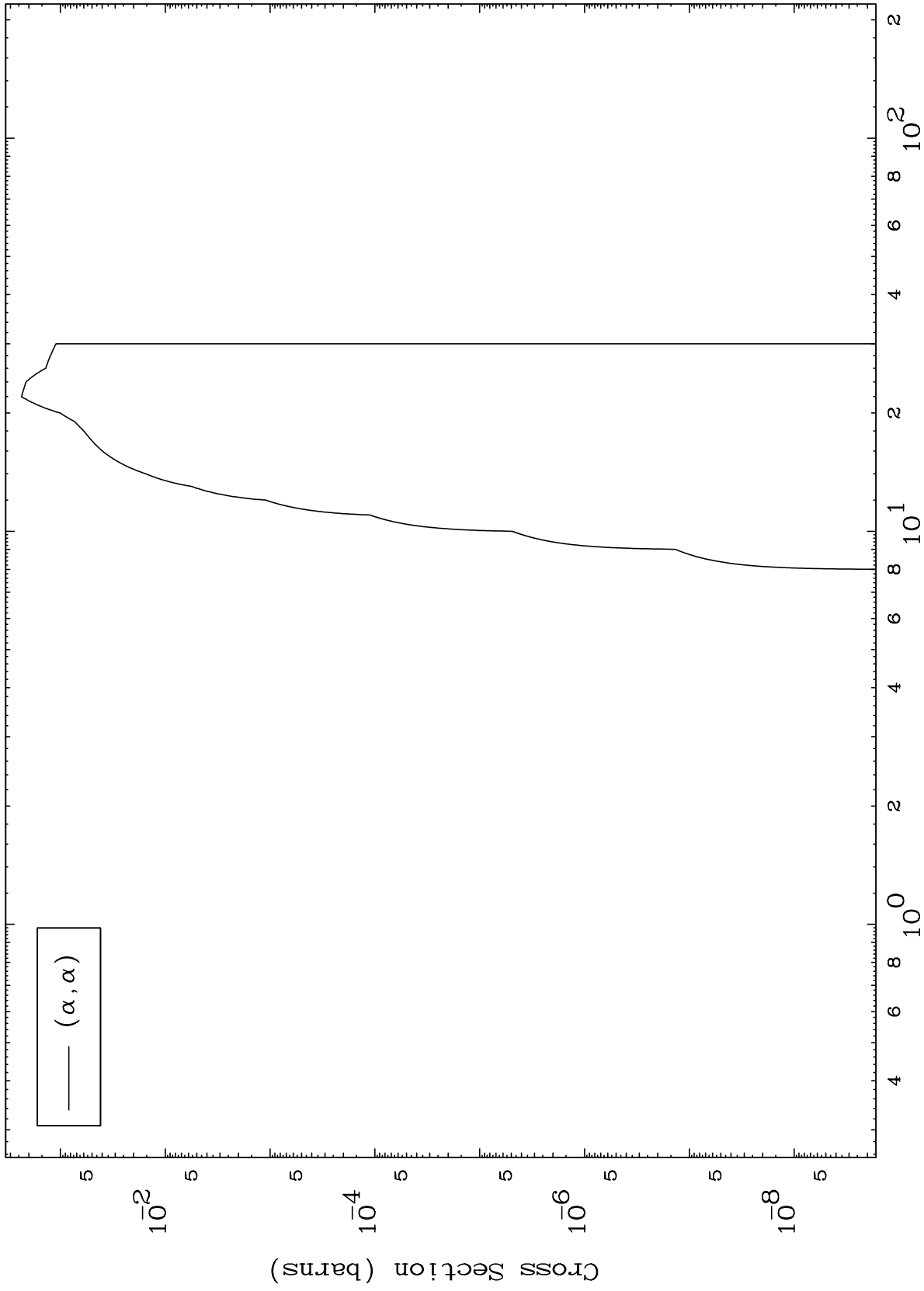
44-Ru-106



MAT 4455

0 Kelvin Cross Sections
(α, α) Levels

44-Ru-106



10

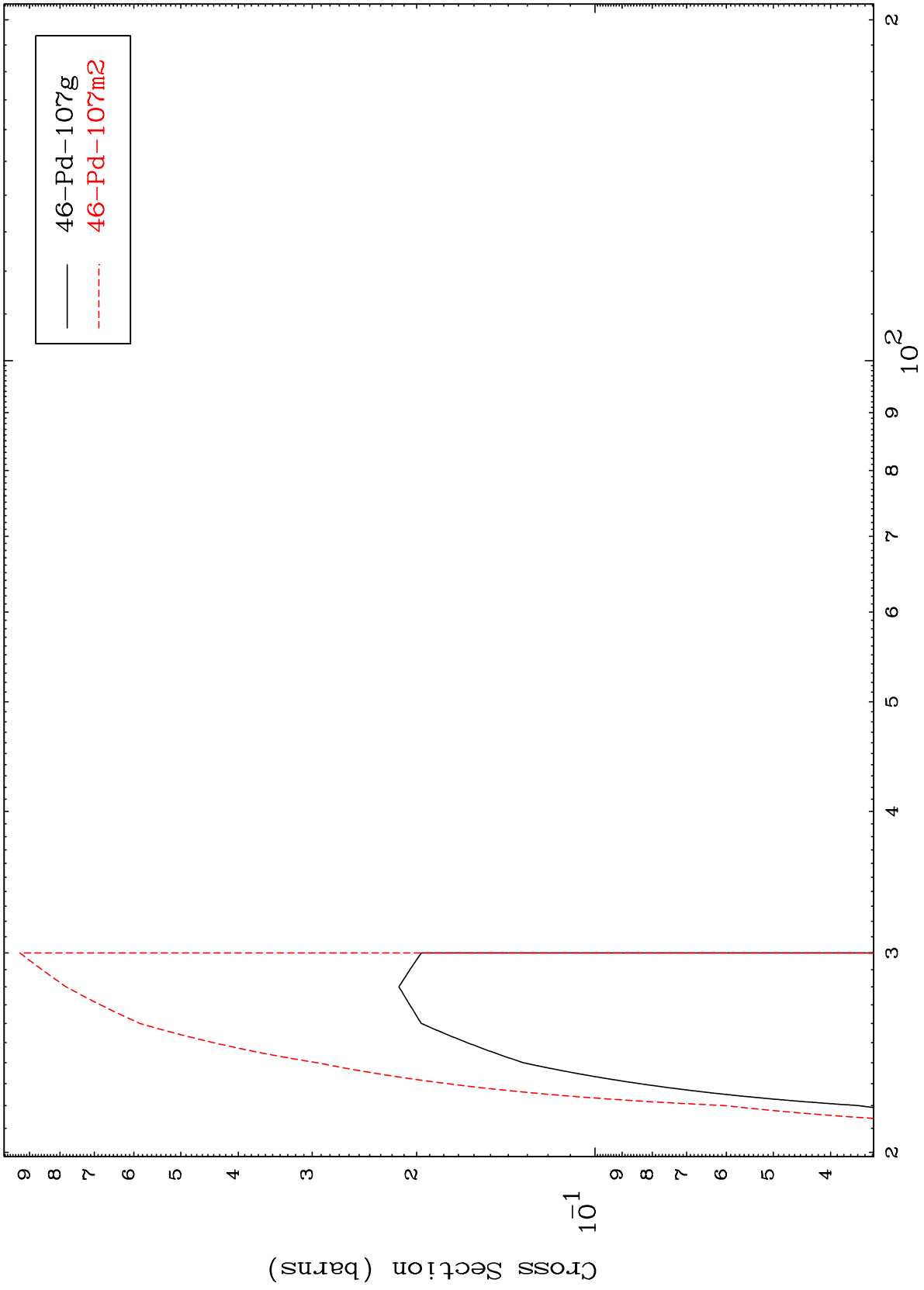
Incident Energy (MeV)

44-Ru-106

MAT 4455

44-Ru-106

($\alpha, 3n$)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

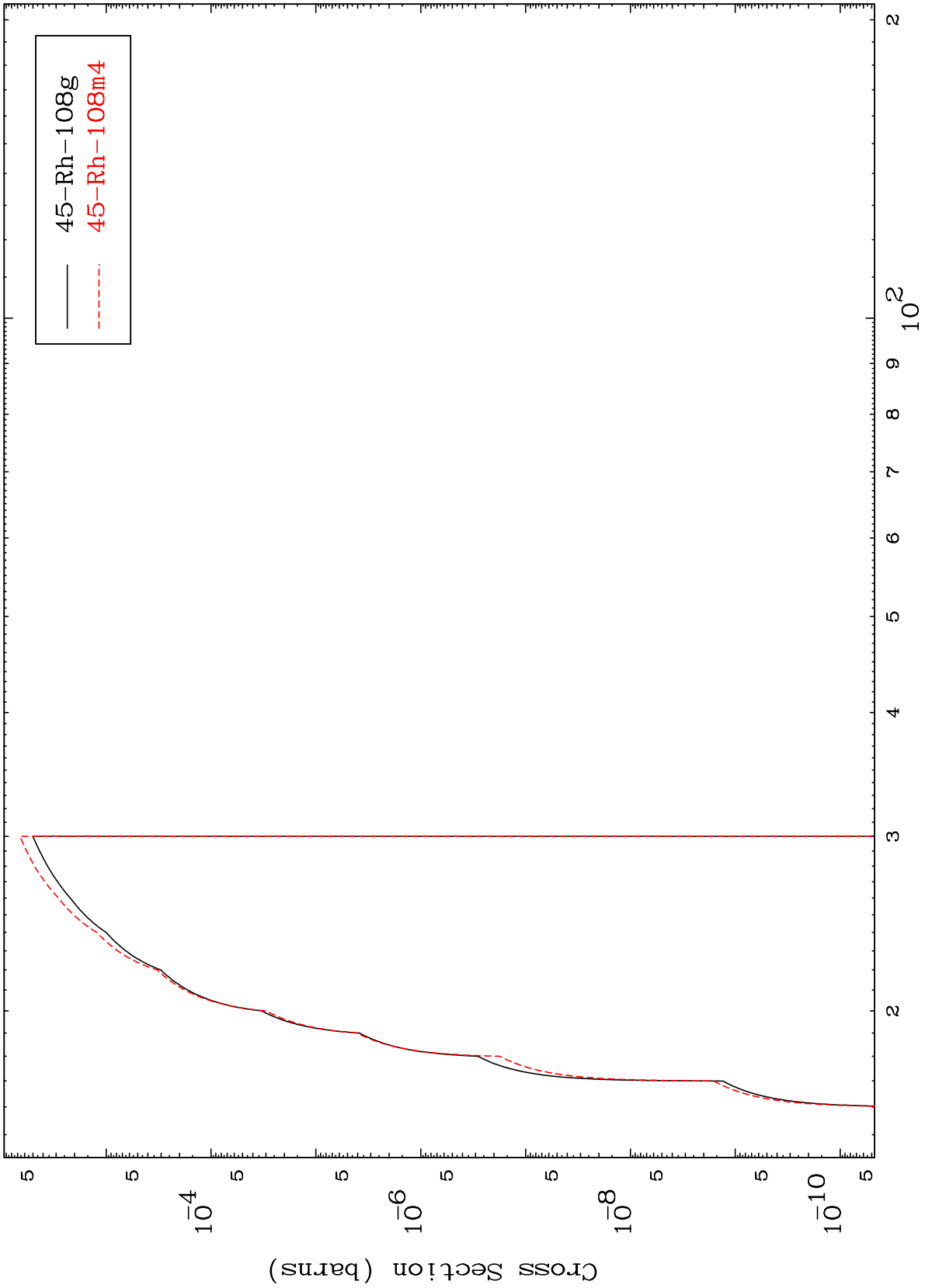
44-Ru-106

MAT 4455

(α, n') p

44-Ru-106

Radionuclide Production Cross Section



13

Incident Energy (MeV)

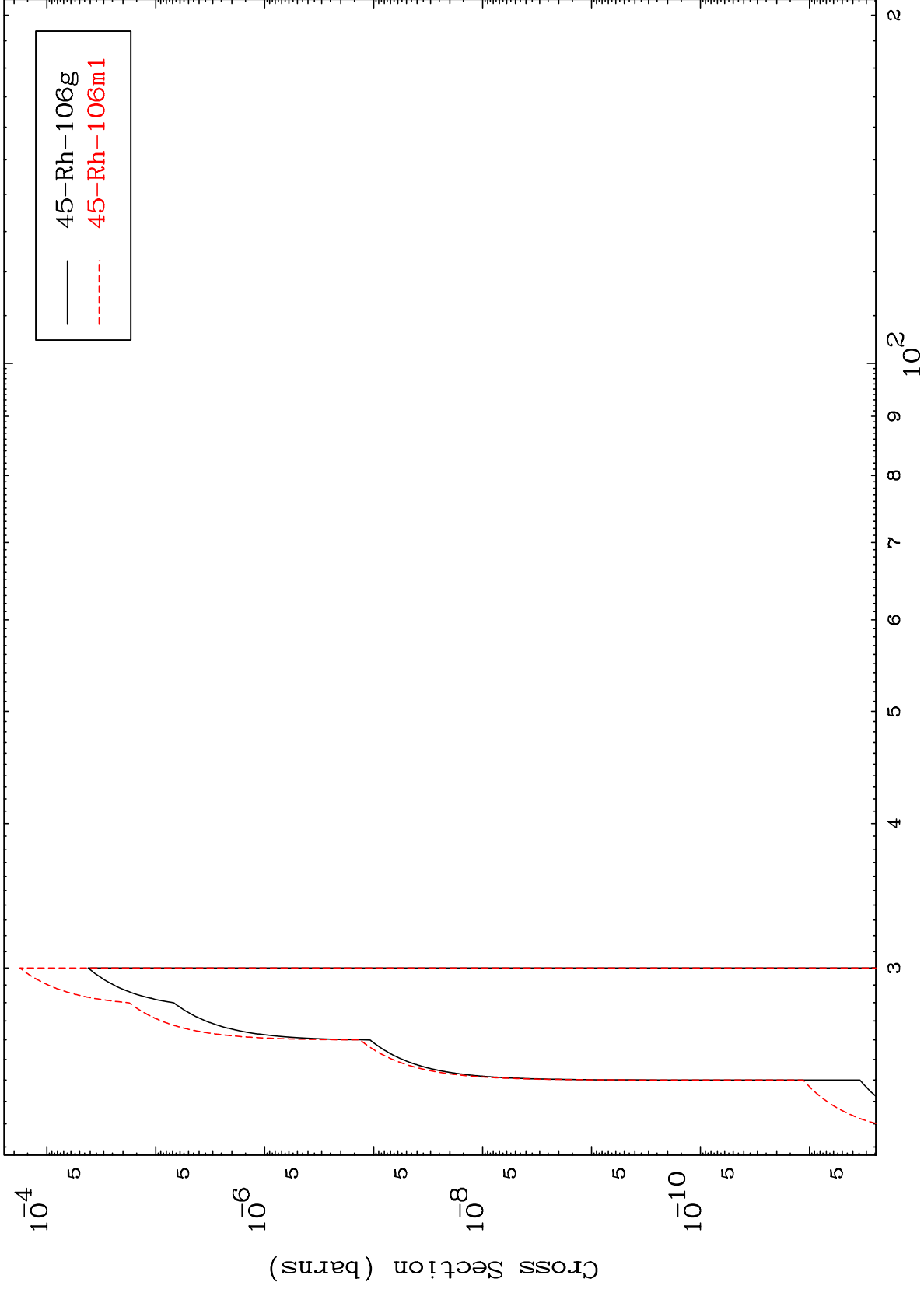
44-Ru-106

MAT 4455

(α, n') t

44-Ru-106

Radionuclide Production Cross Section



14

Incident Energy (MeV)

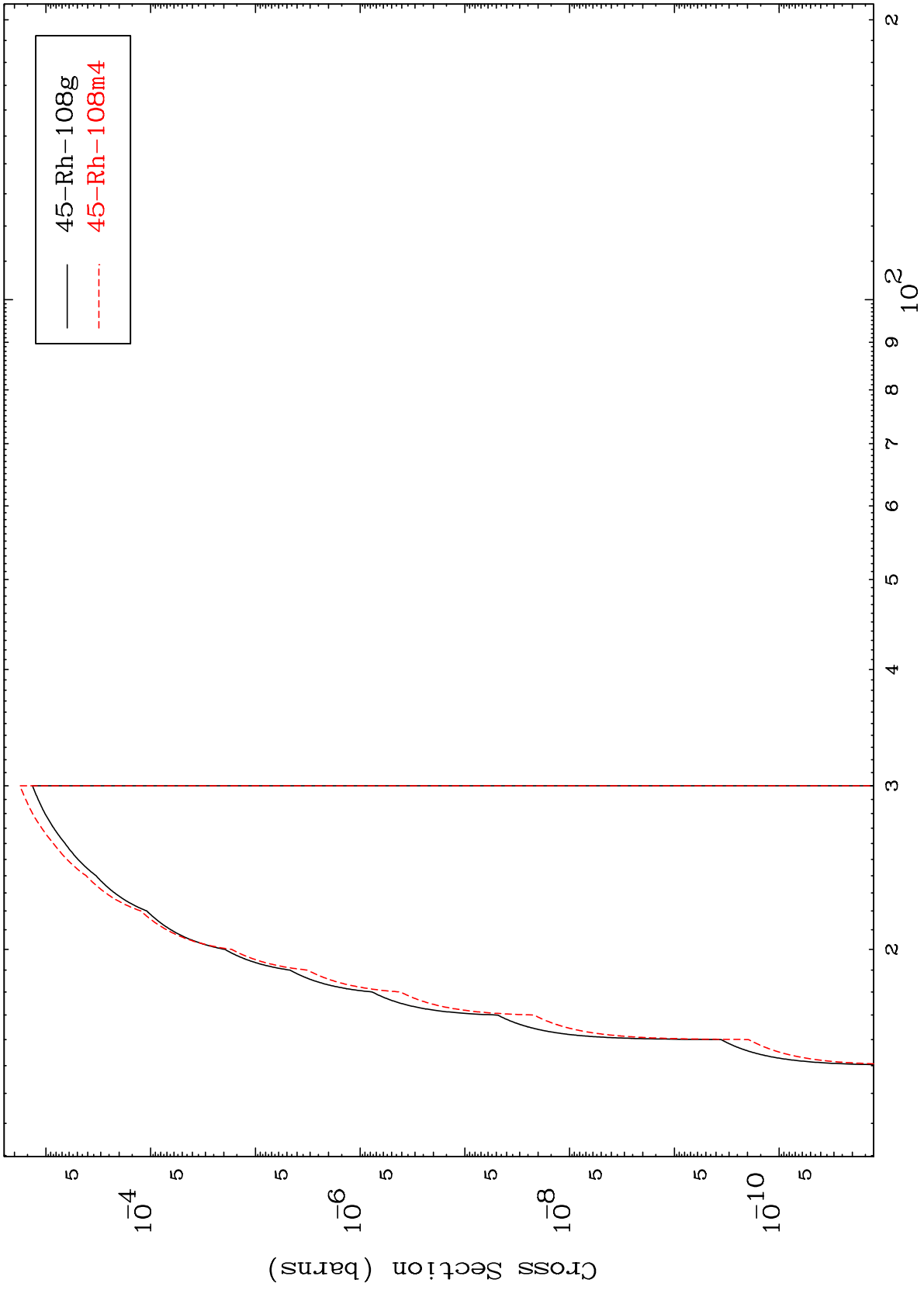
44-Ru-106

MAT 4455

(α, d)

44-Ru-106

Radionuclide Production Cross Section



15

Incident Energy (MeV)

44-Ru-106