

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

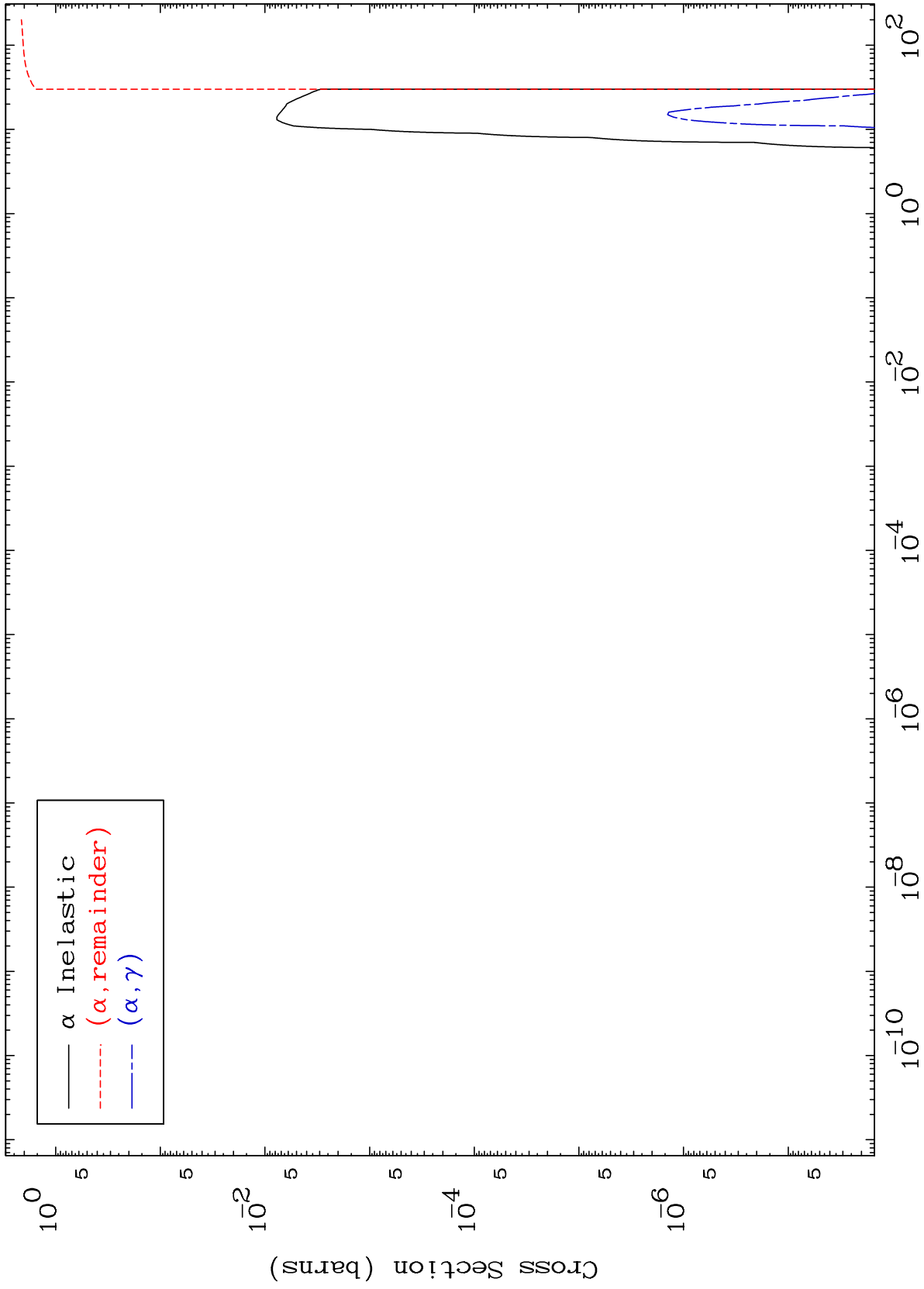
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4467

0 Kelvin α Major
Cross Sections

44-Ru-110



1

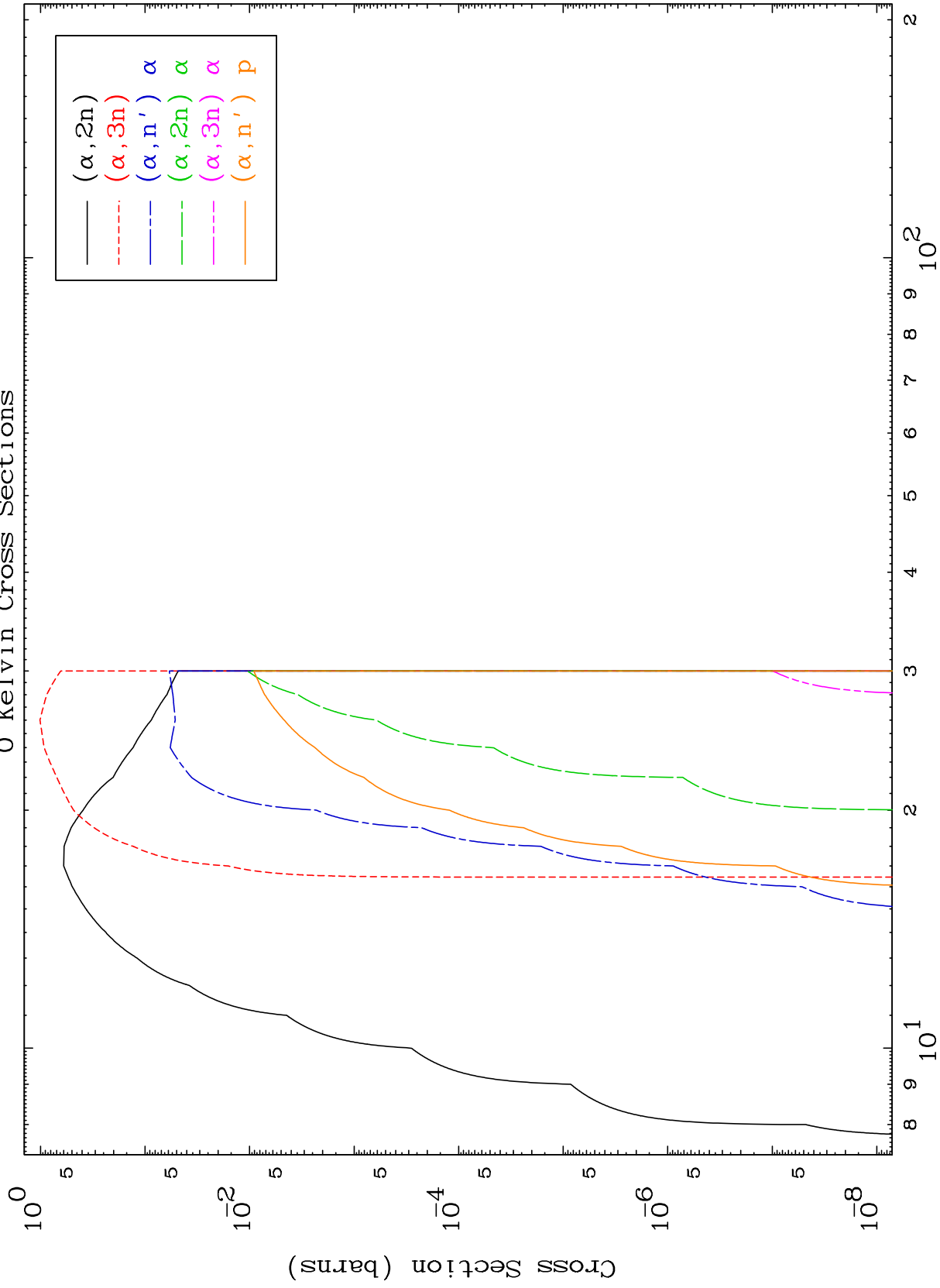
Incident Energy (MeV)

44-Ru-110

MAT 4467

α Neutron Production
0 Kelvin Cross Sections

44-Ru-110



2

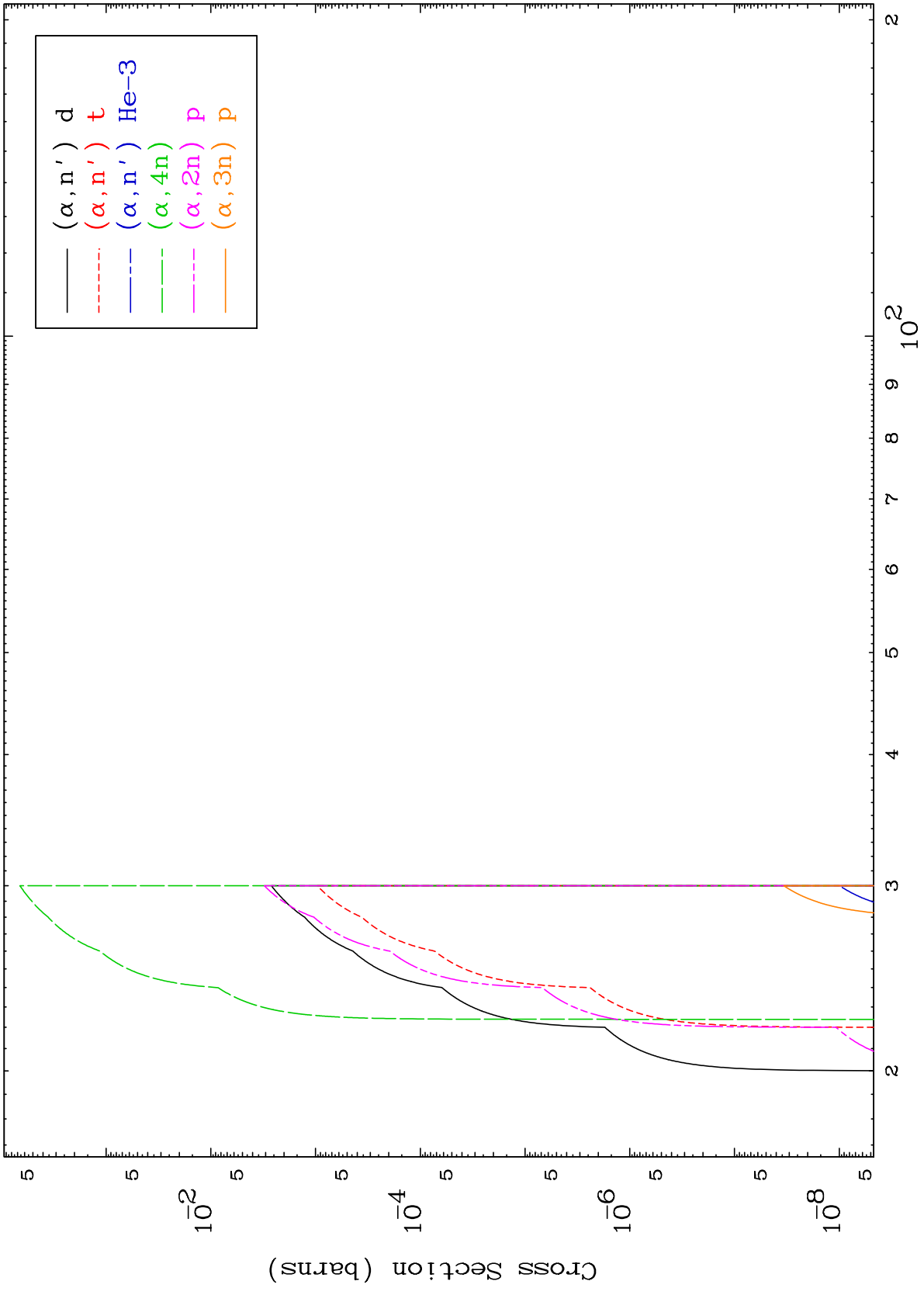
Incident Energy (MeV)

44-Ru-110

MAT 4467

α Neutron Production
0 Kelvin Cross Sections

44-Ru-110



3

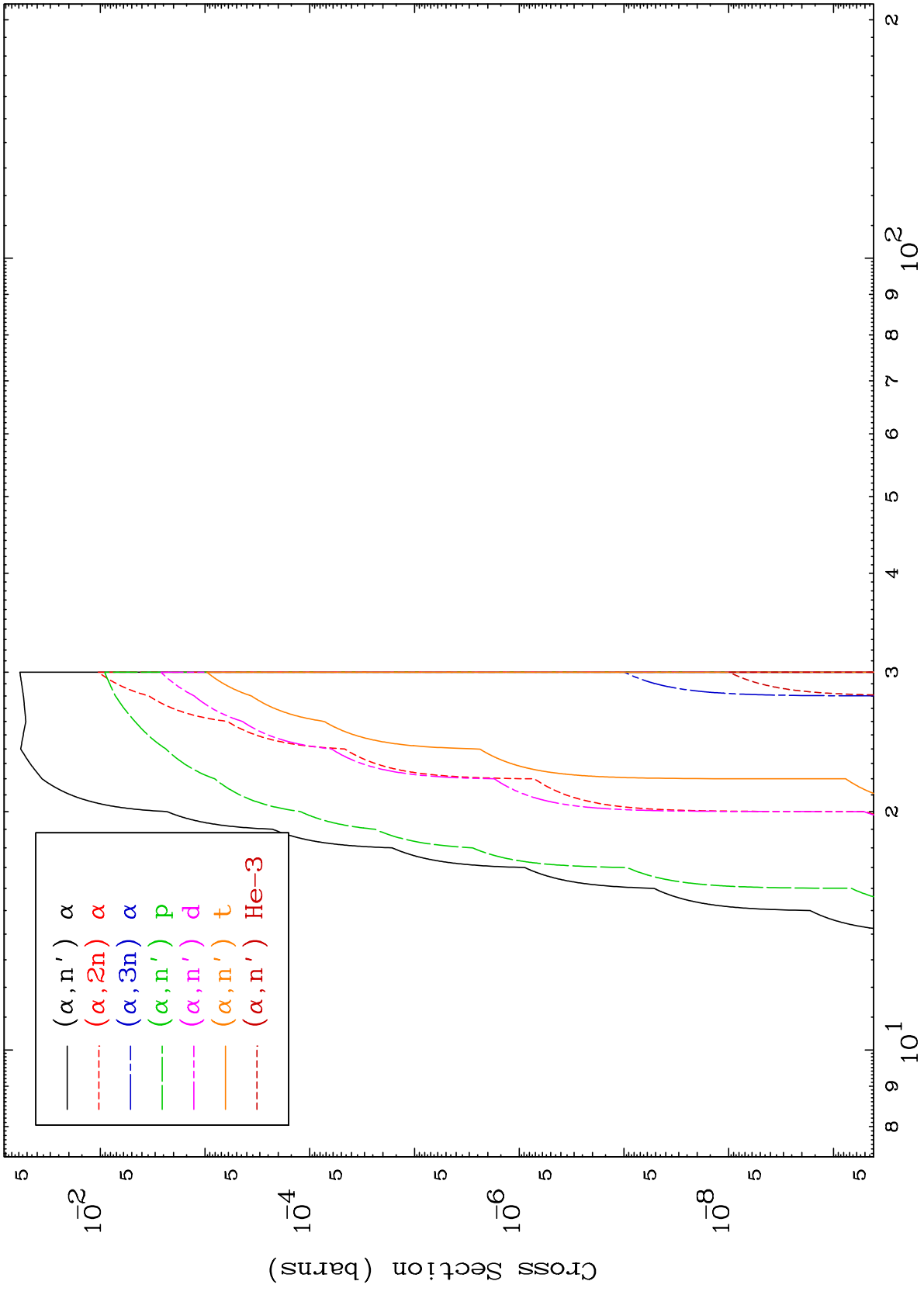
Incident Energy (MeV)

44-Ru-110

MAT 4467

α Charged Particle
0 Kelvin Cross Sections

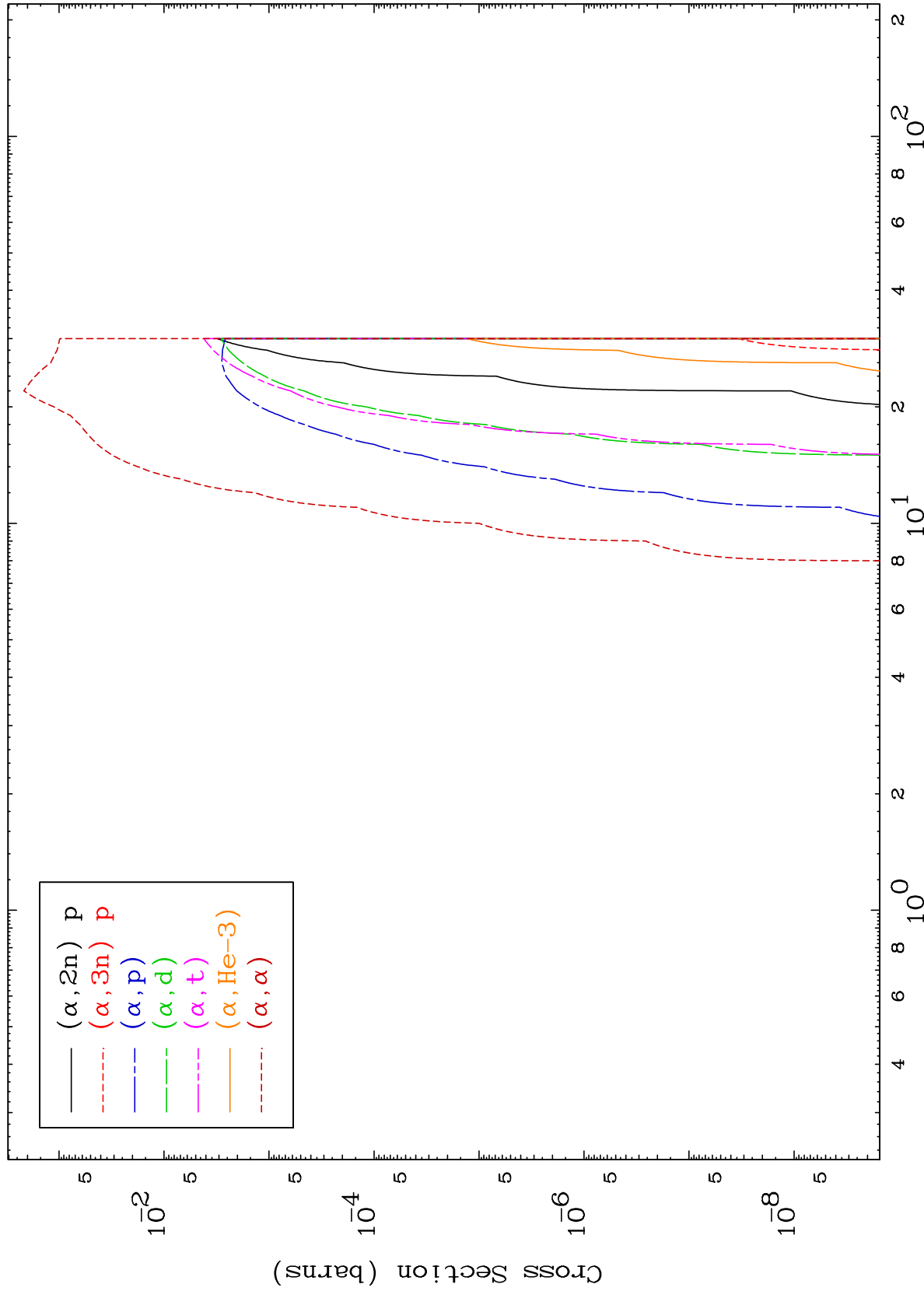
44-Ru-110



4

Incident Energy (MeV)

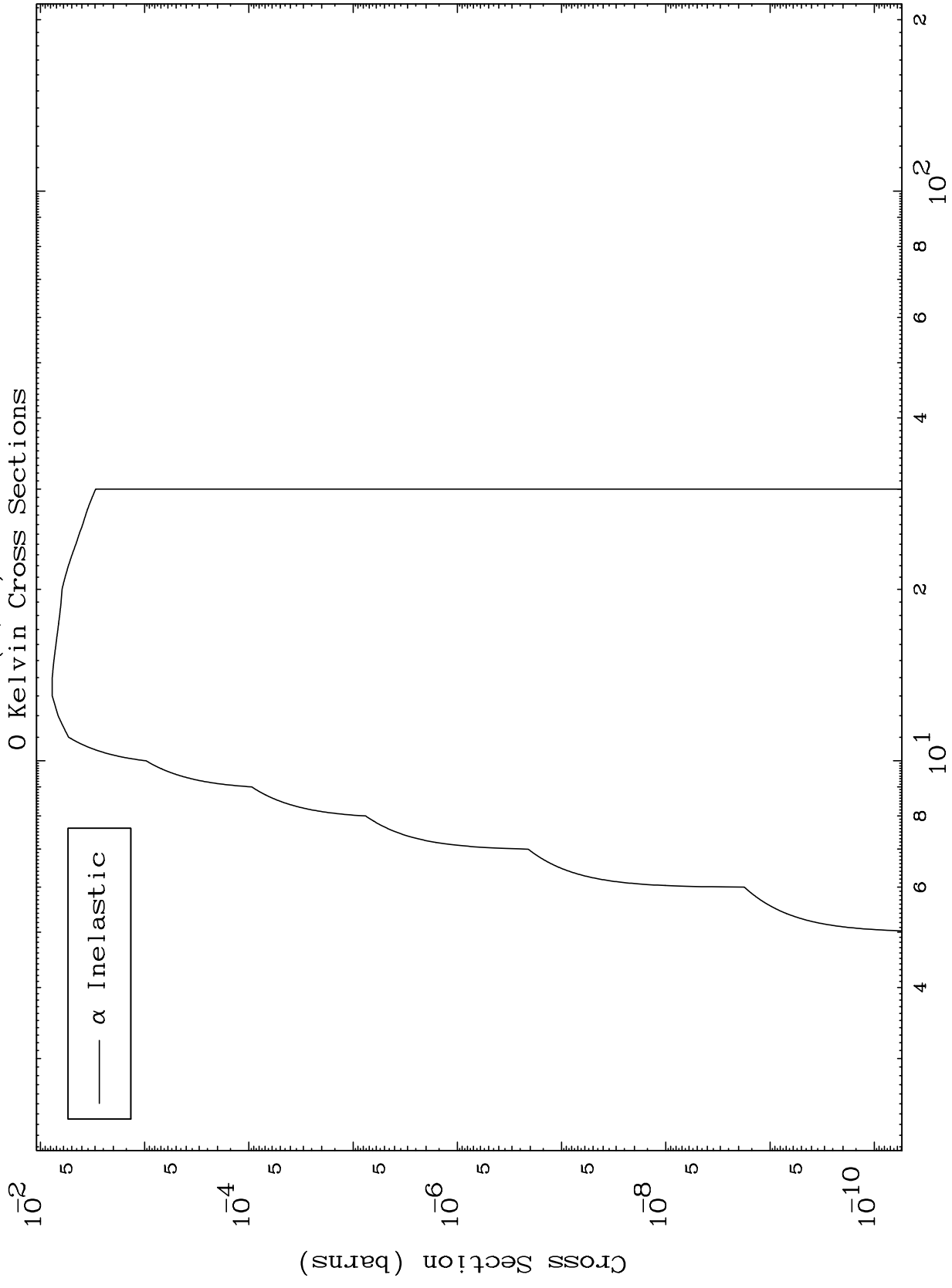
44-Ru-110



MAT 4467

44-Ru-110

(α, n') Level
0 Kelvin Cross Sections



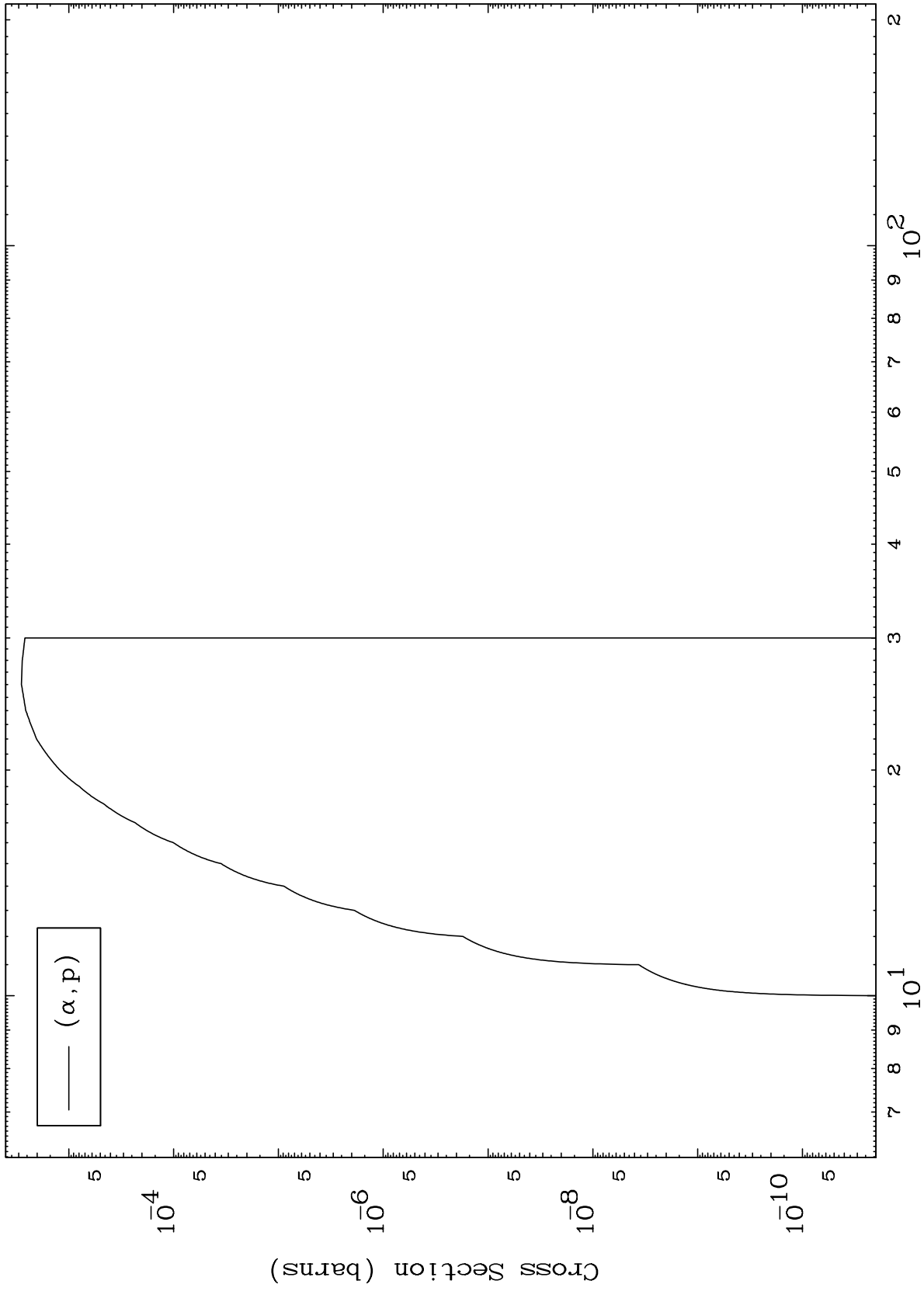
6

44-Ru-110

MAT 4467

(α, p) Levels
0 Kelvin Cross Sections

44-Ru-110



7

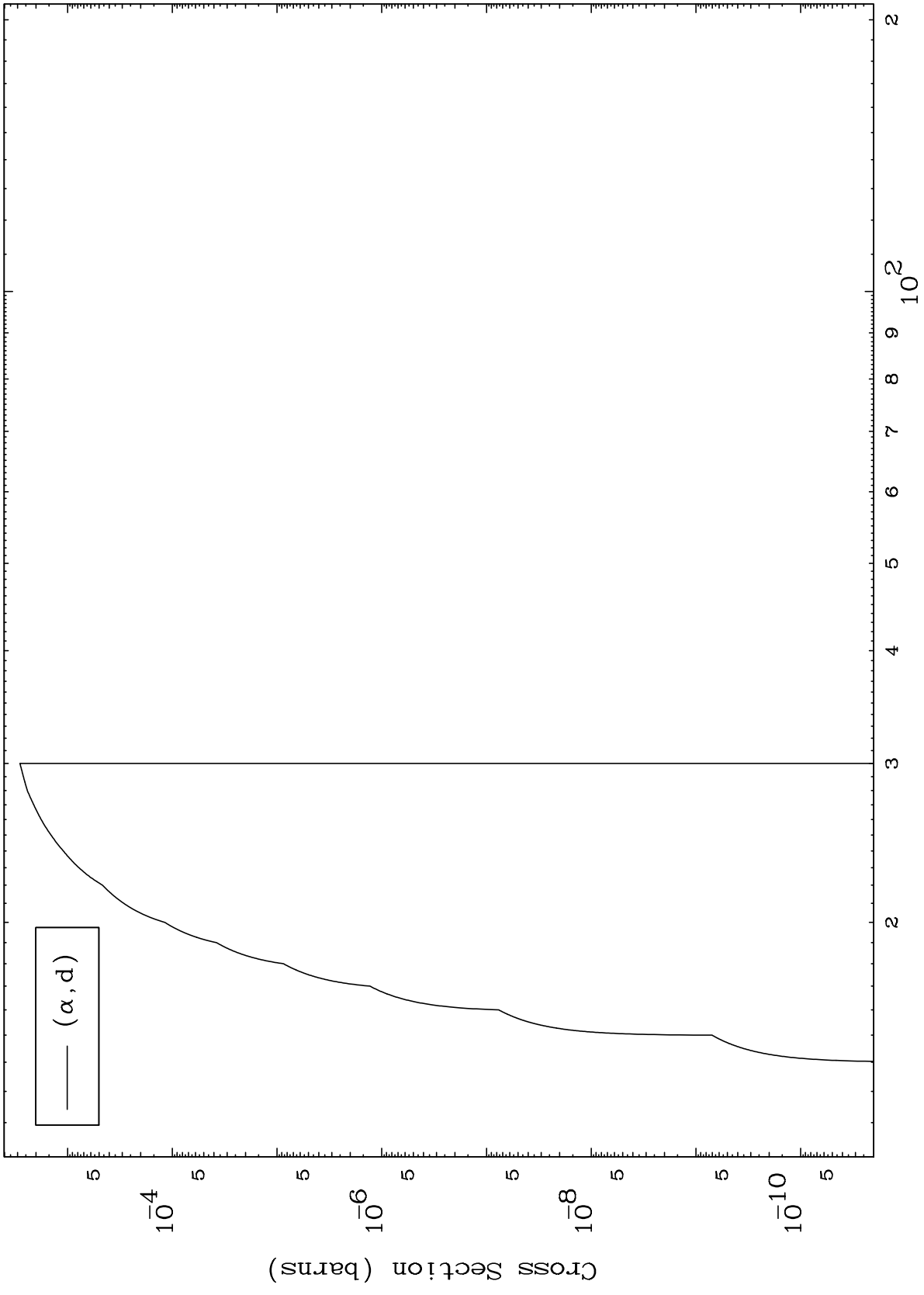
Incident Energy (MeV)

44-Ru-110

MAT 4467

(α, d) Levels
0 Kelvin Cross Sections

44-Ru-110



8

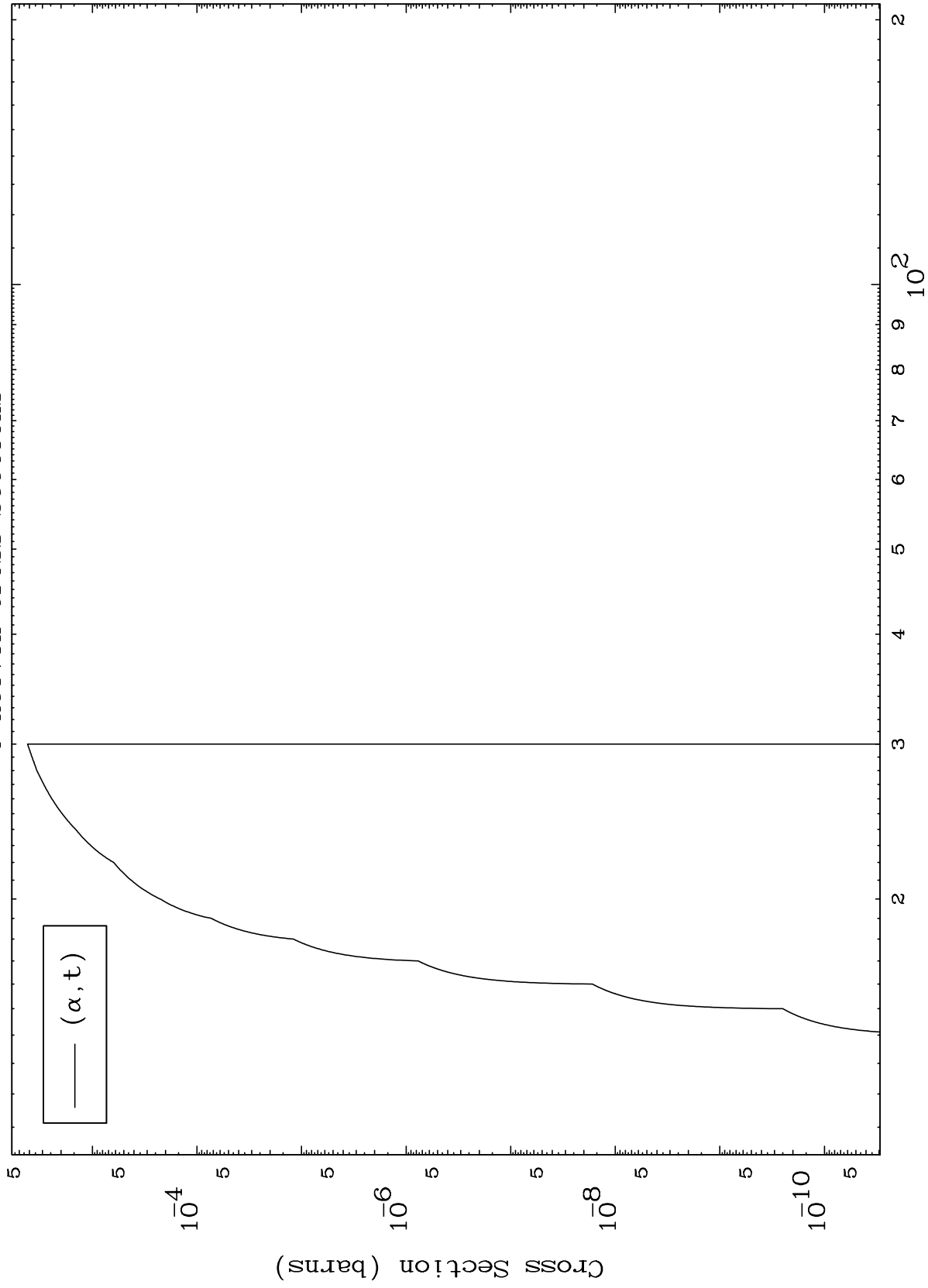
Incident Energy (MeV)

44-Ru-110

MAT 4467

(α, t) Levels
0 Kelvin Cross Sections

44-Ru-110



9

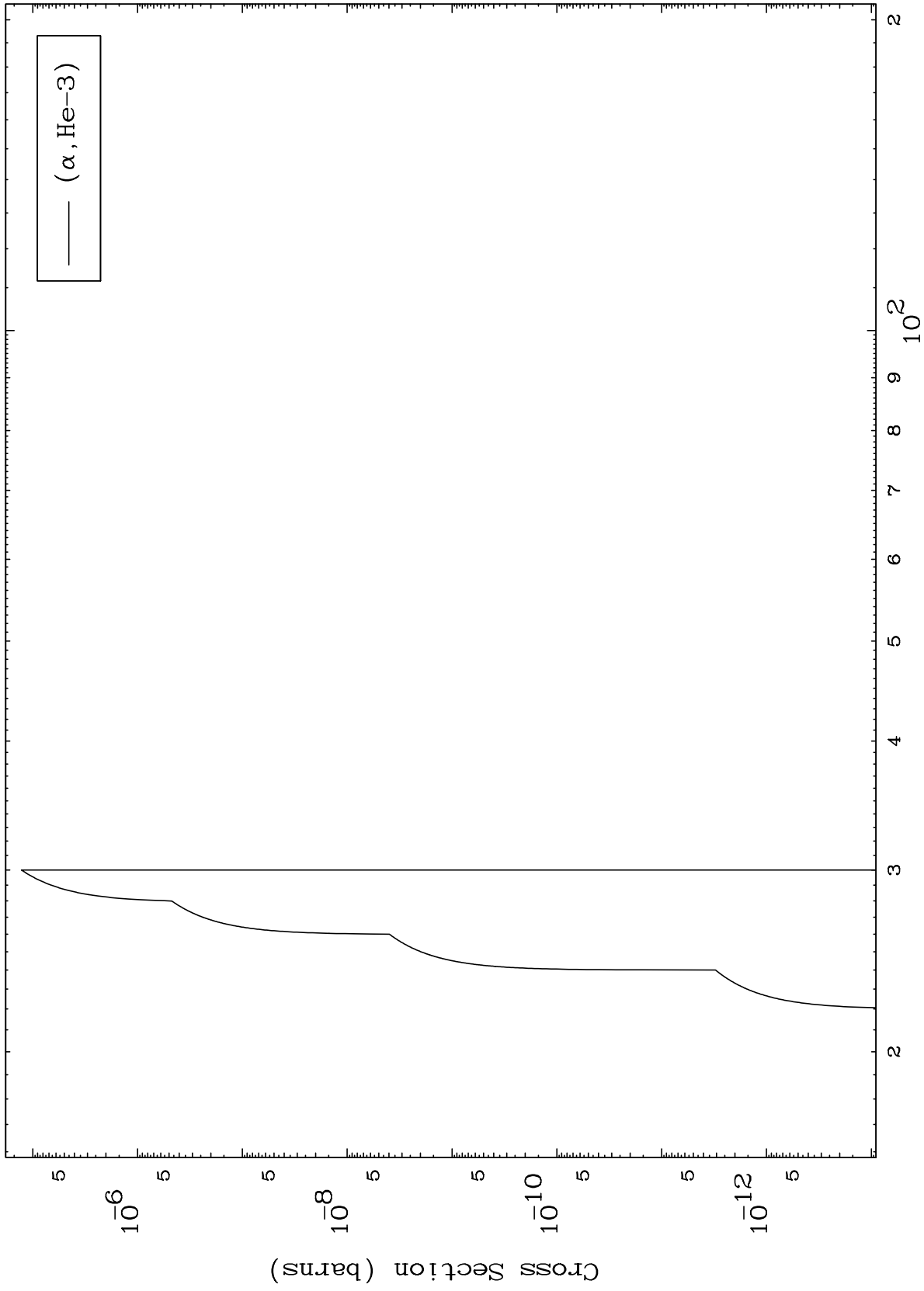
Incident Energy (MeV)

44-Ru-110

MAT 4467

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

44-Ru-110



10

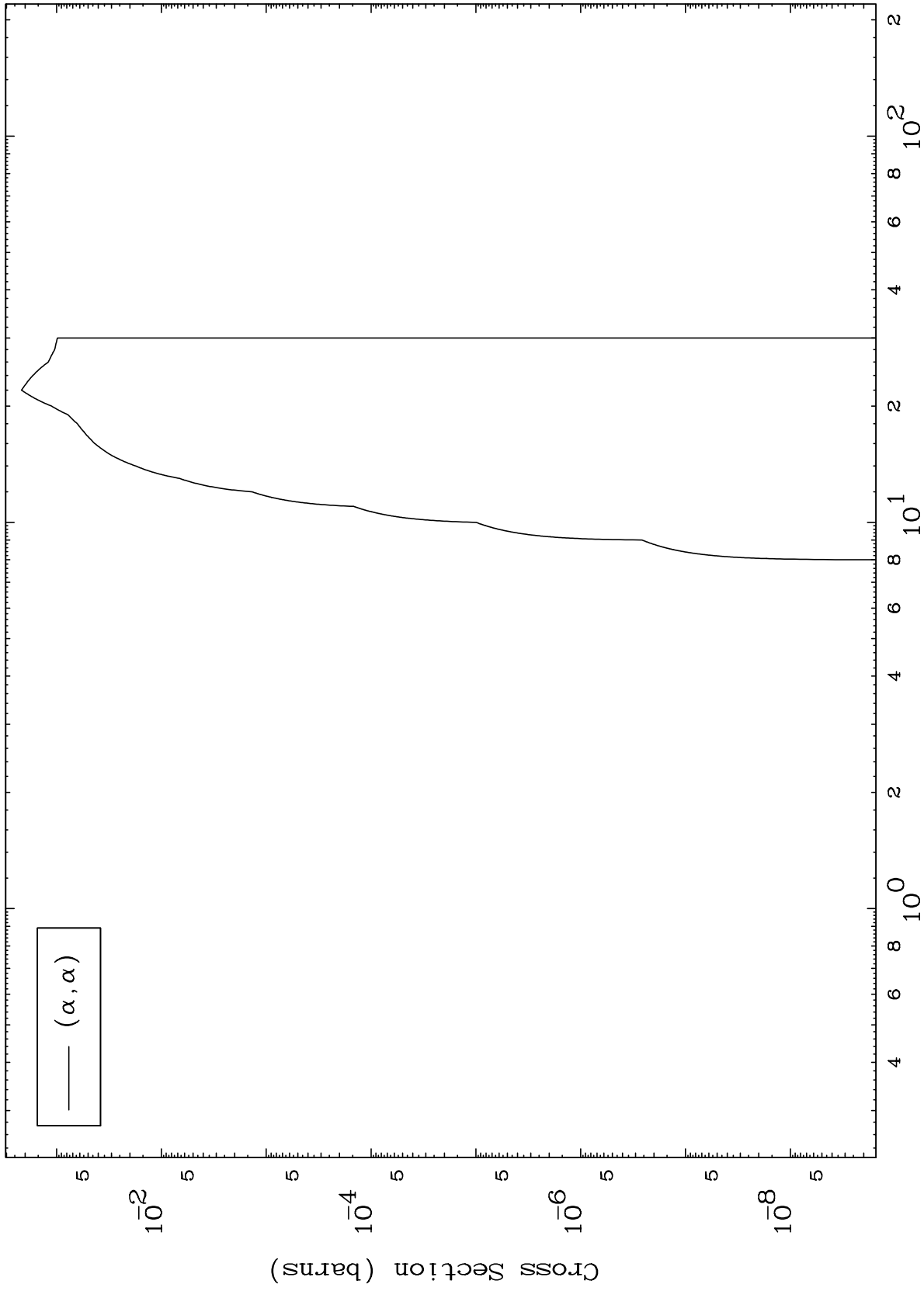
Incident Energy (MeV)

44-Ru-110

MAT 4467

(α, α) Levels
0 Kelvin Cross Sections

44-Ru-110



11

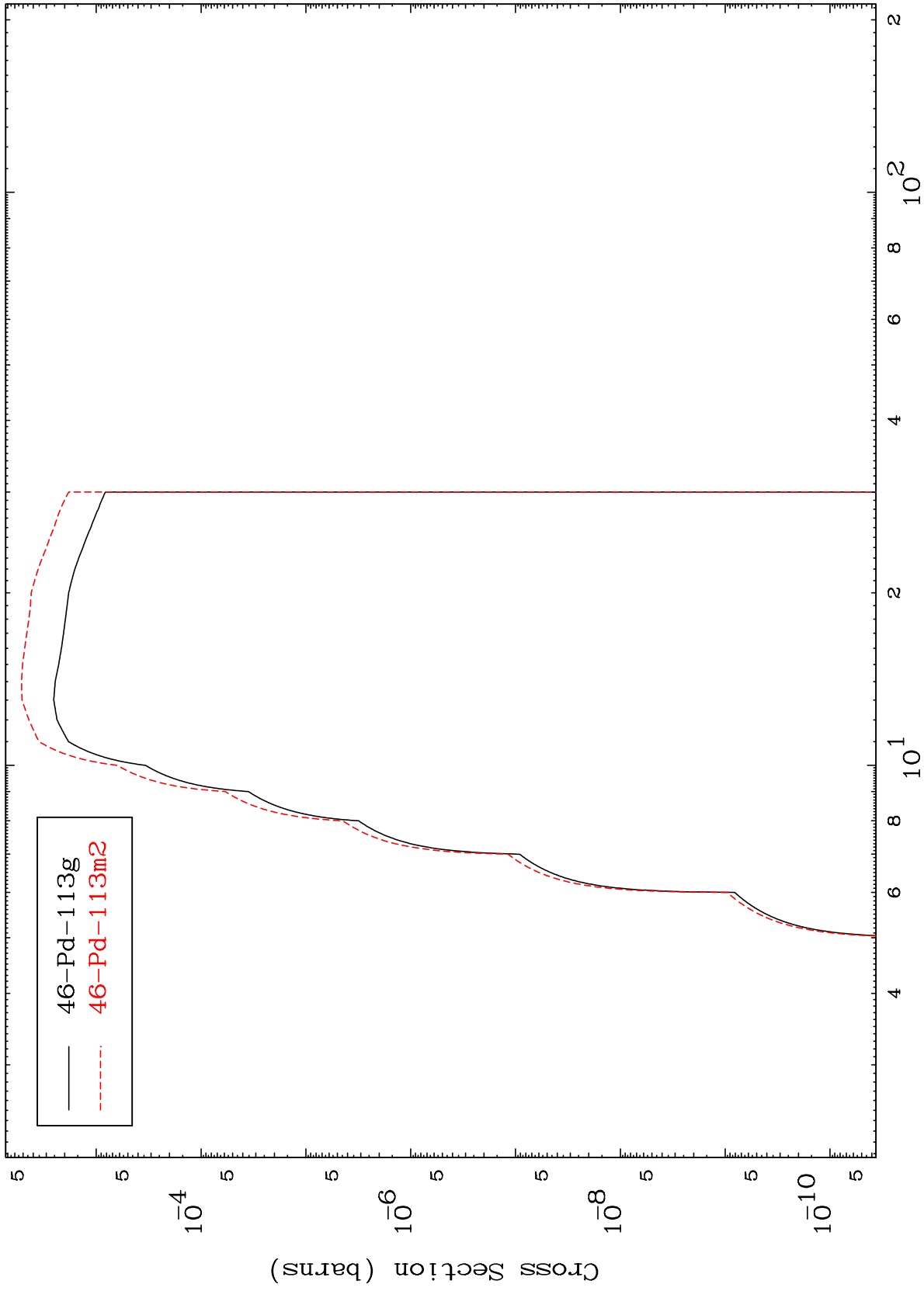
Incident Energy (MeV)

44-Ru-110

MAT 4467

44-Ru-110

Radionuclide Production Cross Section
 α Inelastic



12

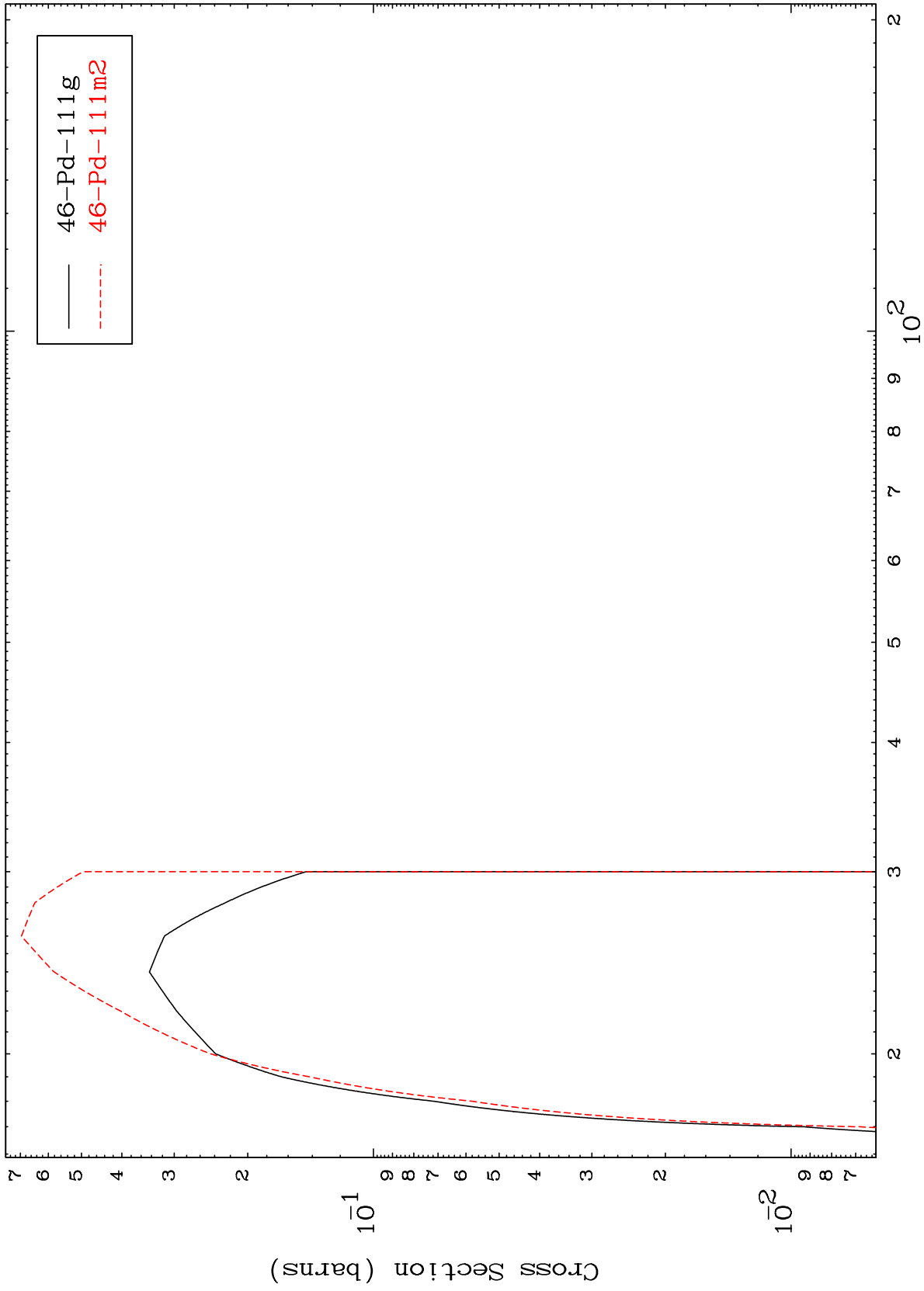
44-Ru-110

MAT 4467

($\alpha, 3n$)

44-Ru-110

Radionuclide Production Cross Section



14

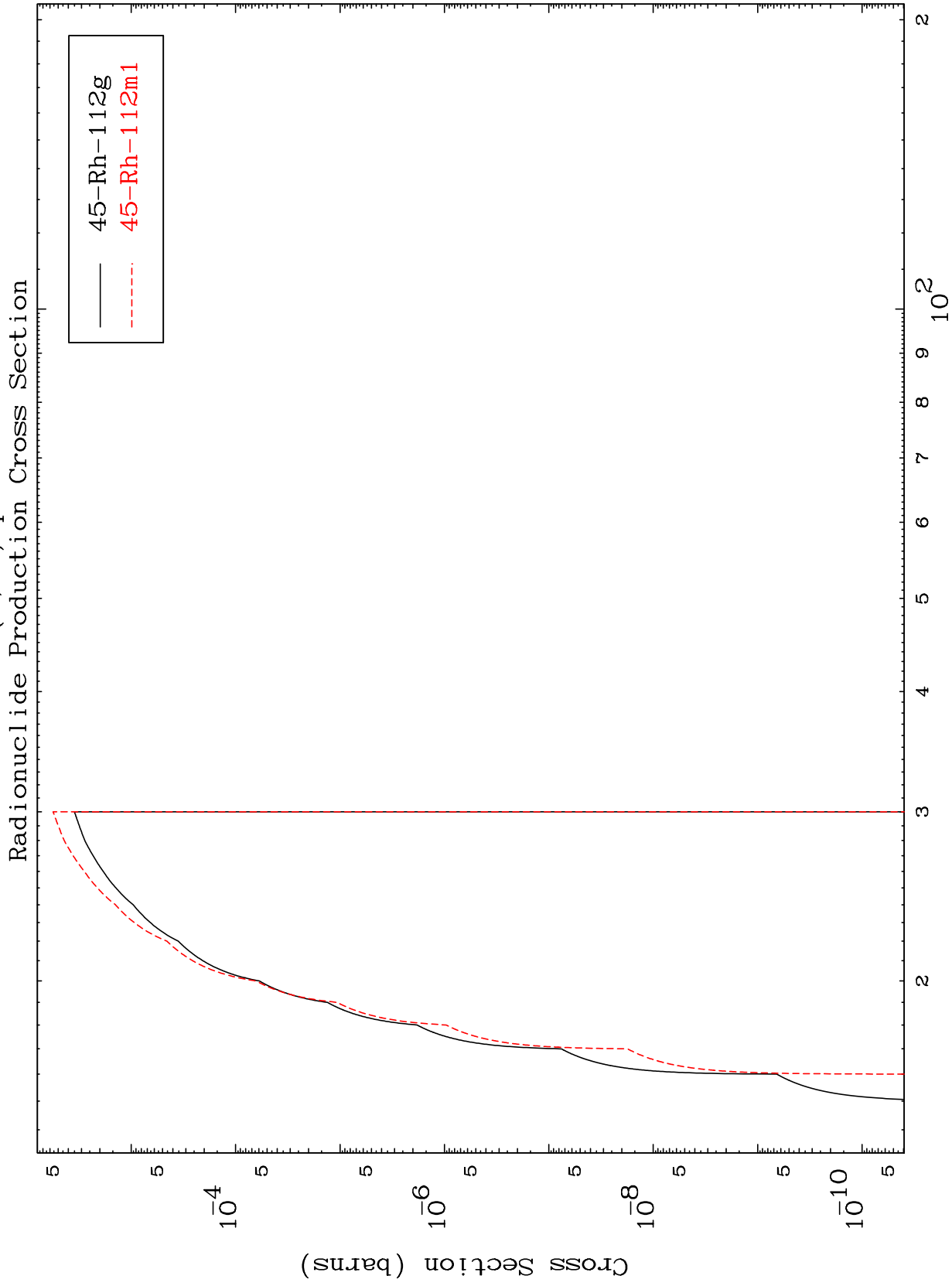
Incident Energy (MeV)

44-Ru-110

MAT 4467

(α, n') p

44-Ru-110



15

Incident Energy (MeV)

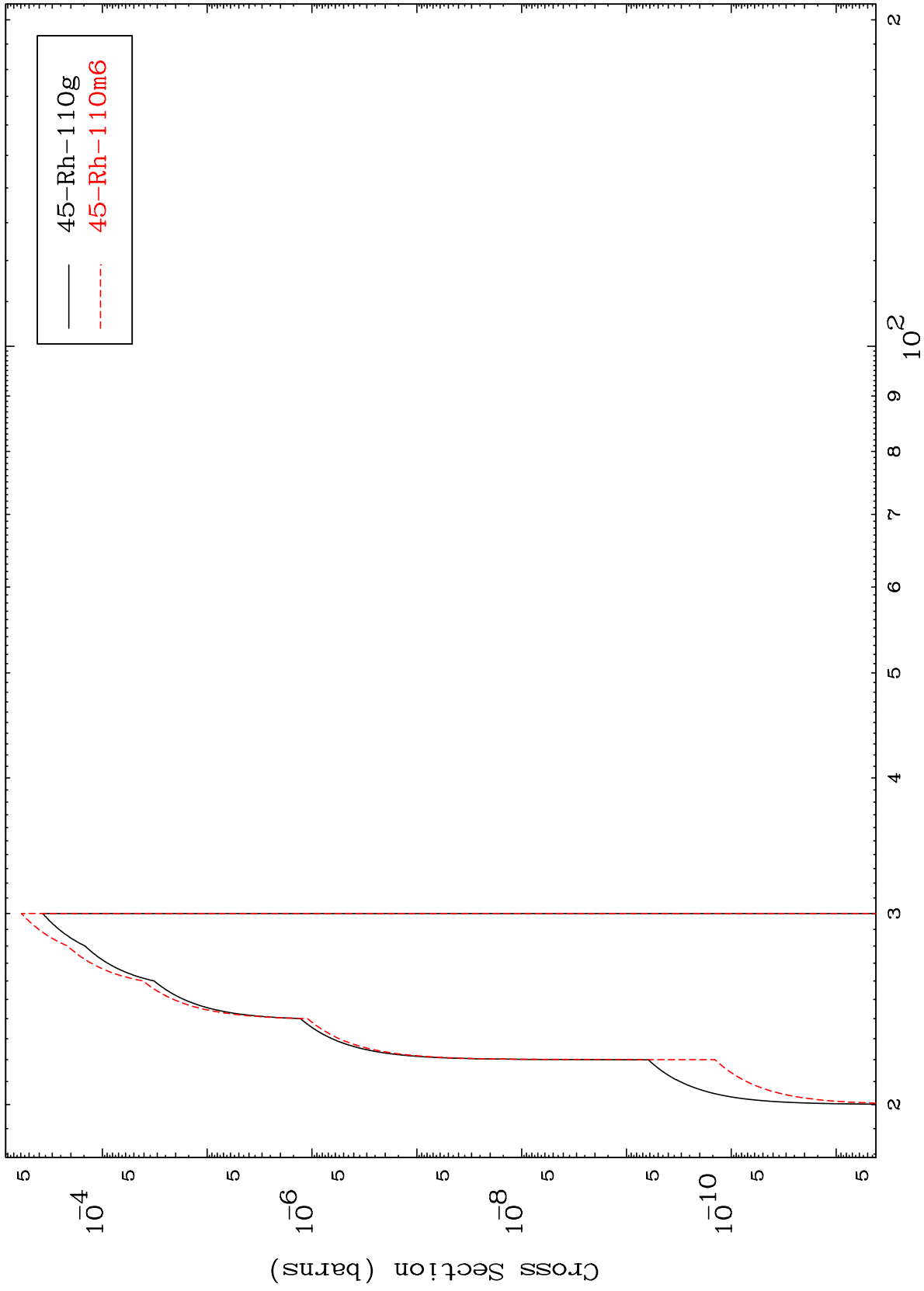
44-Ru-110

MAT 4467

(α, n') t

44-Ru-110

Radionuclide Production Cross Section



16

Incident Energy (MeV)

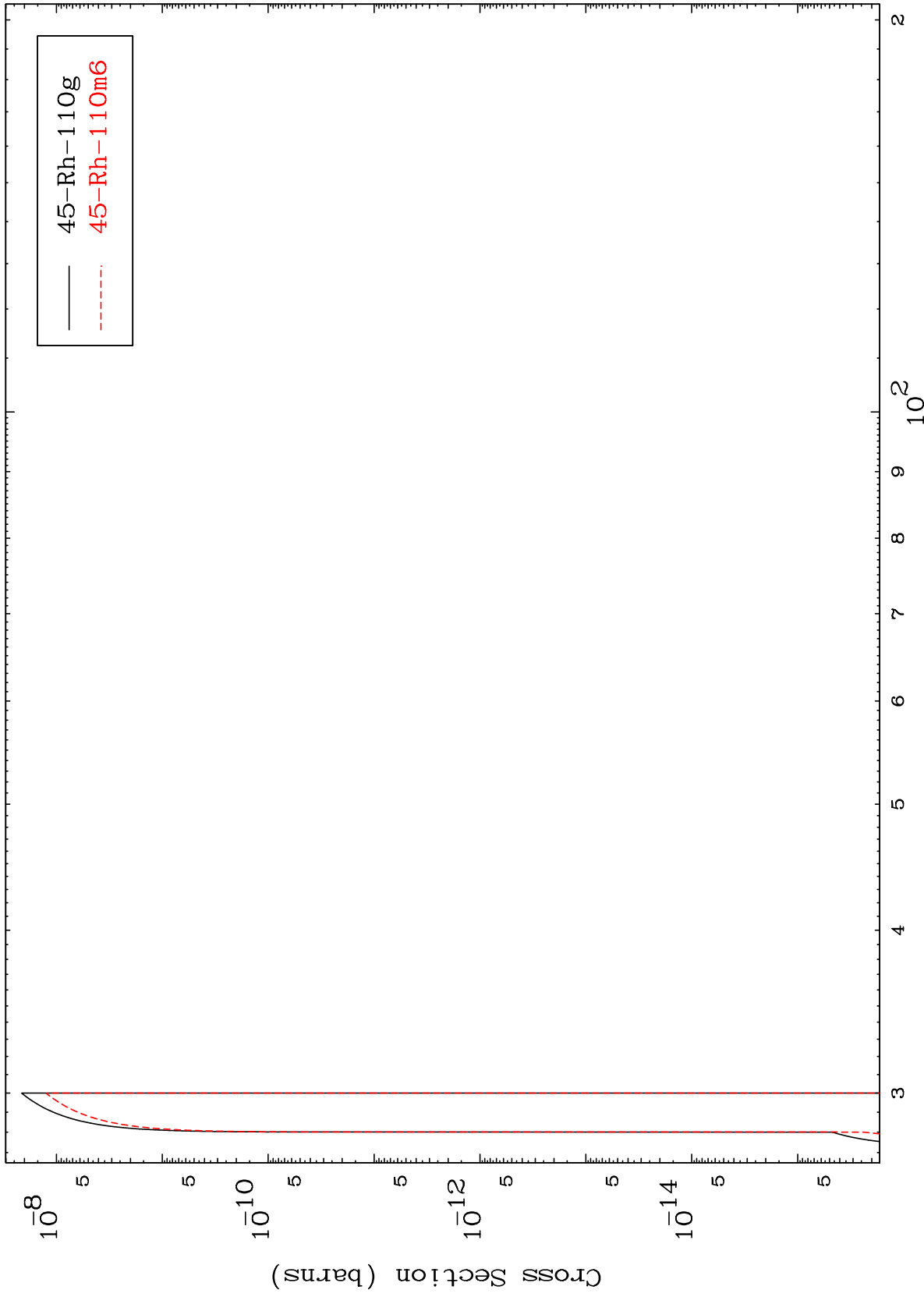
44-Ru-110

MAT 4467

($\alpha, 3n$) p

44-Ru-110

Radionuclide Production Cross Section



17

Incident Energy (MeV)

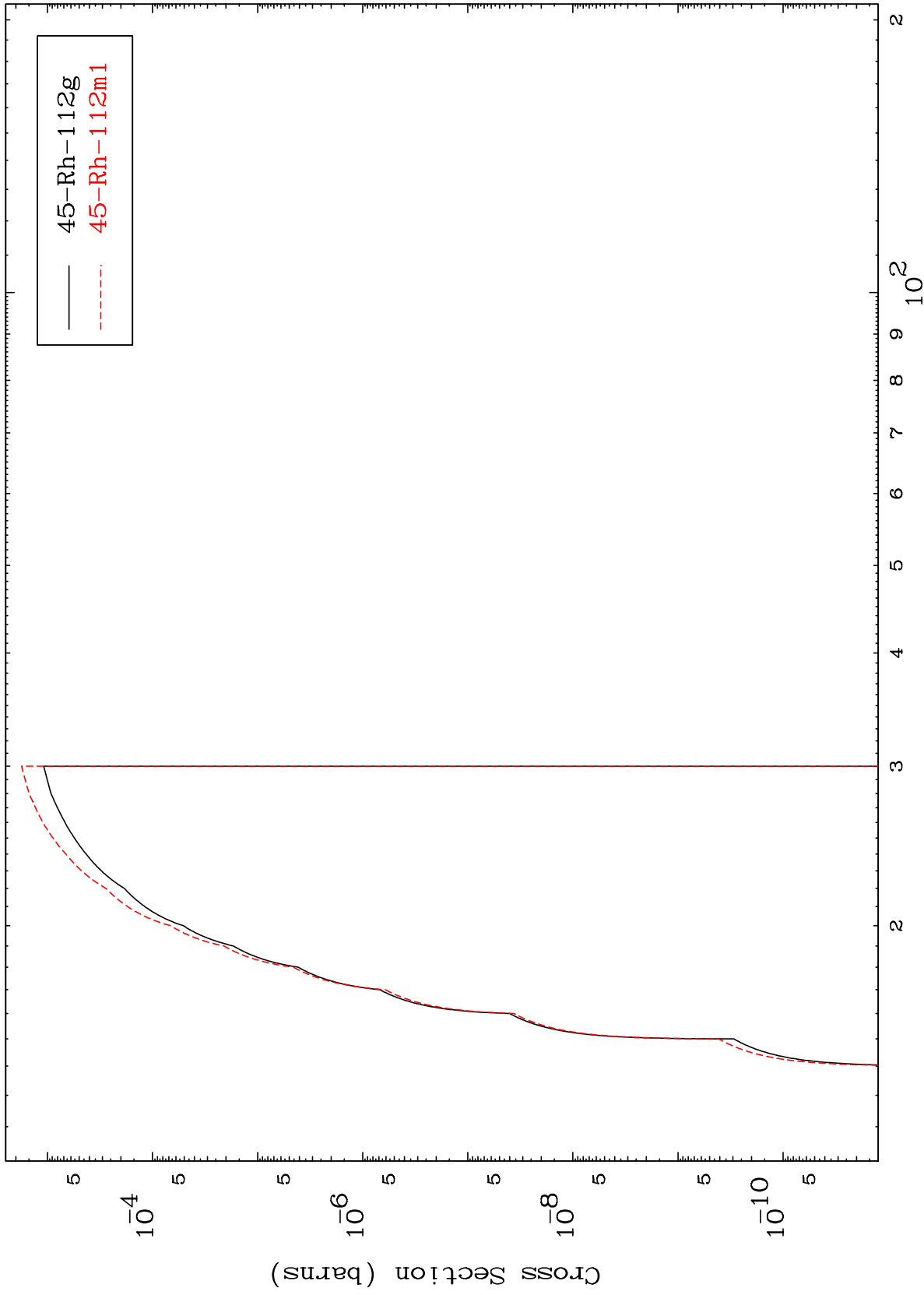
44-Ru-110

MAT 4467

(α, d)

44-Ru-110

Radionuclide Production Cross Section



18

Incident Energy (MeV)

44-Ru-110