

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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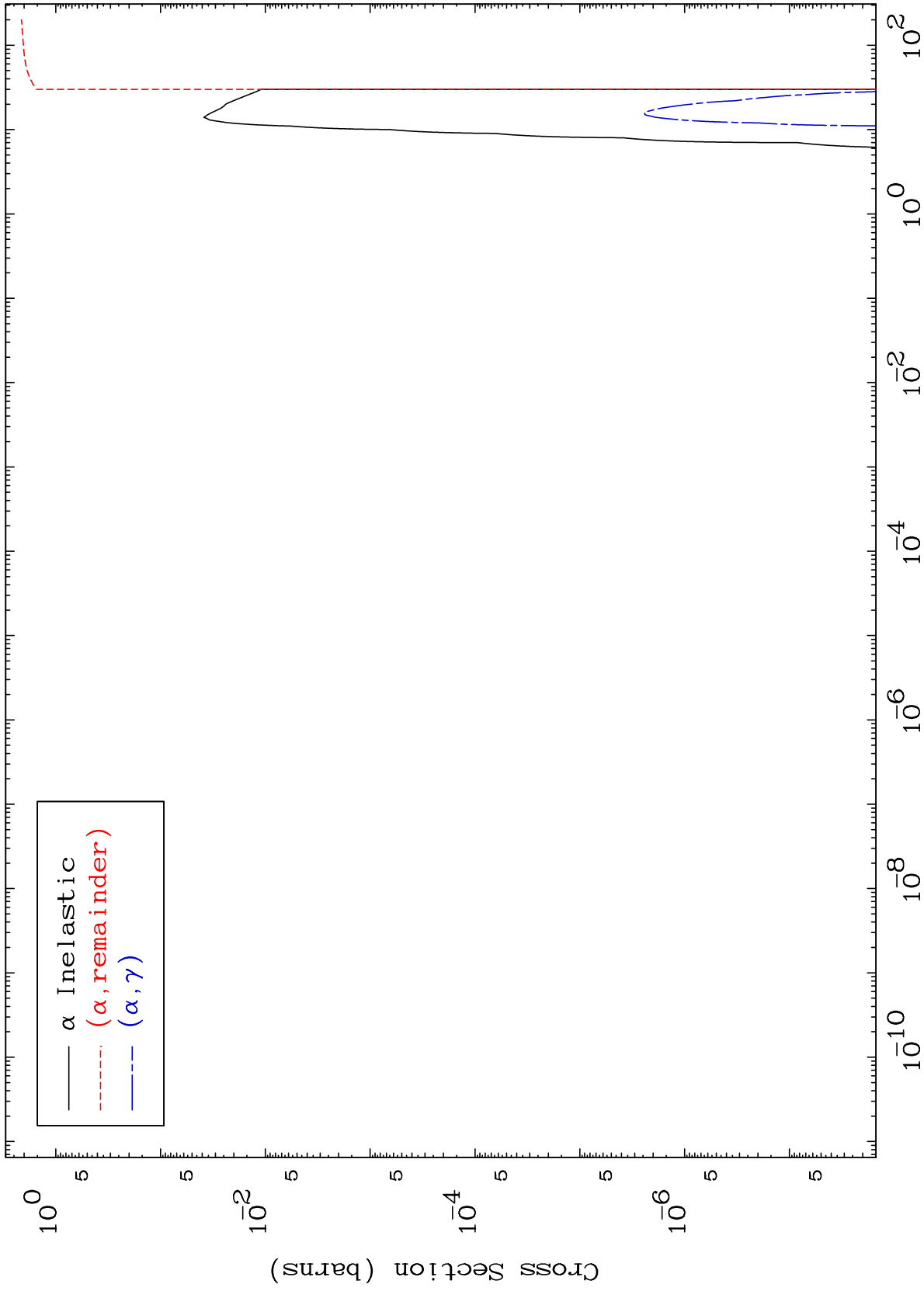
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4547

0 Kelvin α Major
Cross Sections

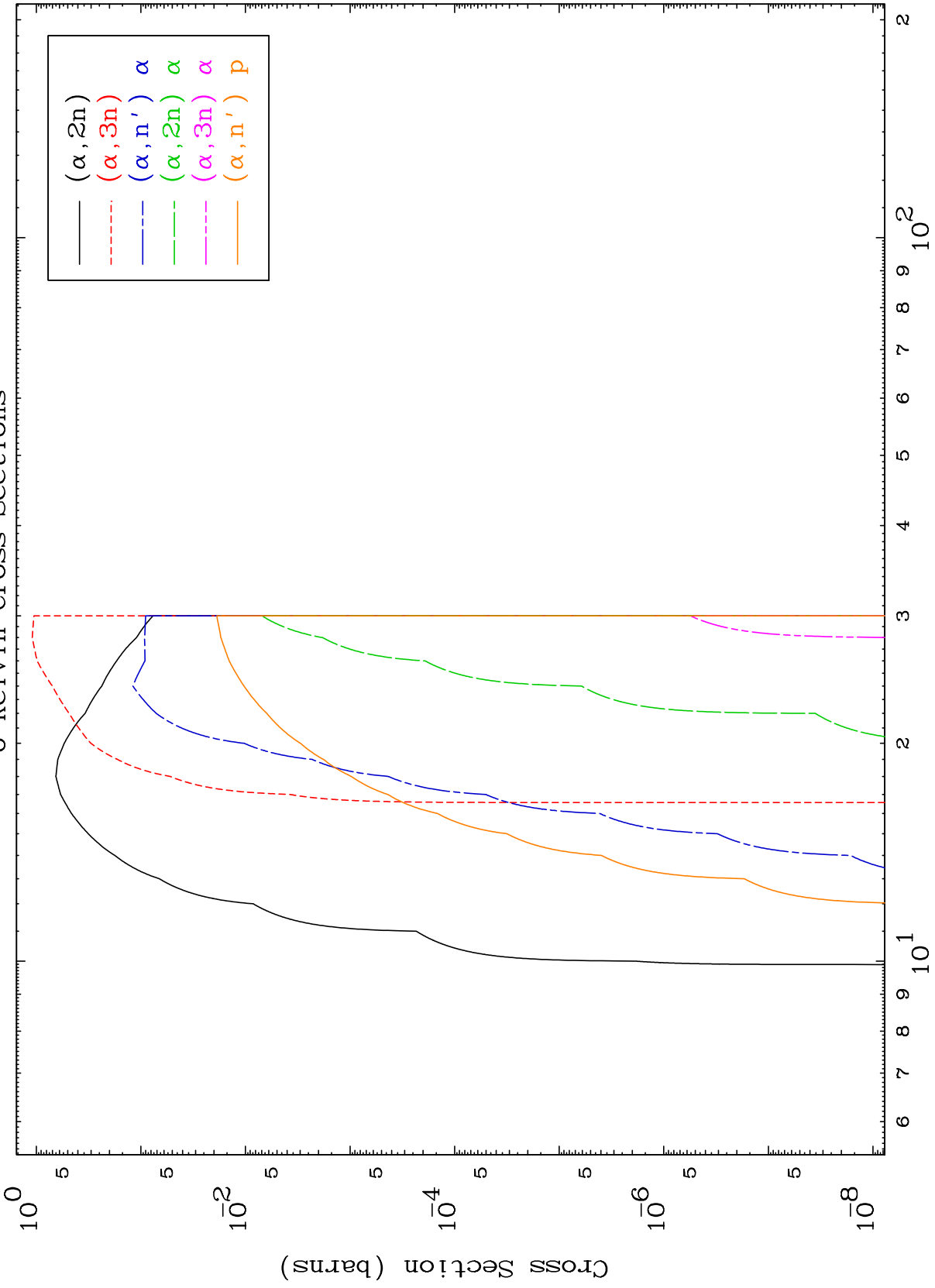
45-Rh-110



MAT 4547

α Neutron Production
0 Kelvin Cross Sections

45-Rh-110



2

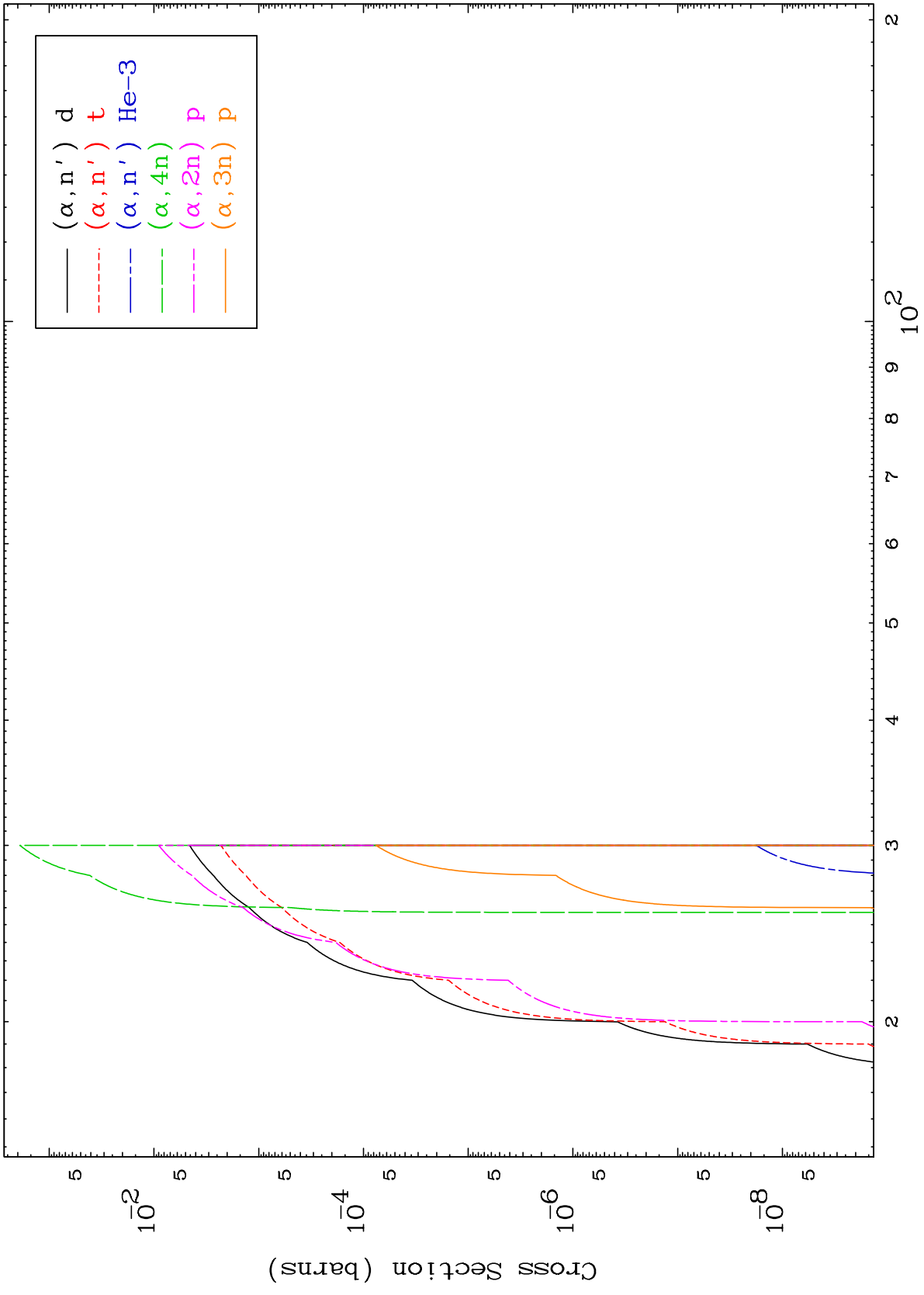
Incident Energy (MeV)

45-Rh-110

MAT 4547

α Neutron Production
0 Kelvin Cross Sections

45-Rh-110



3

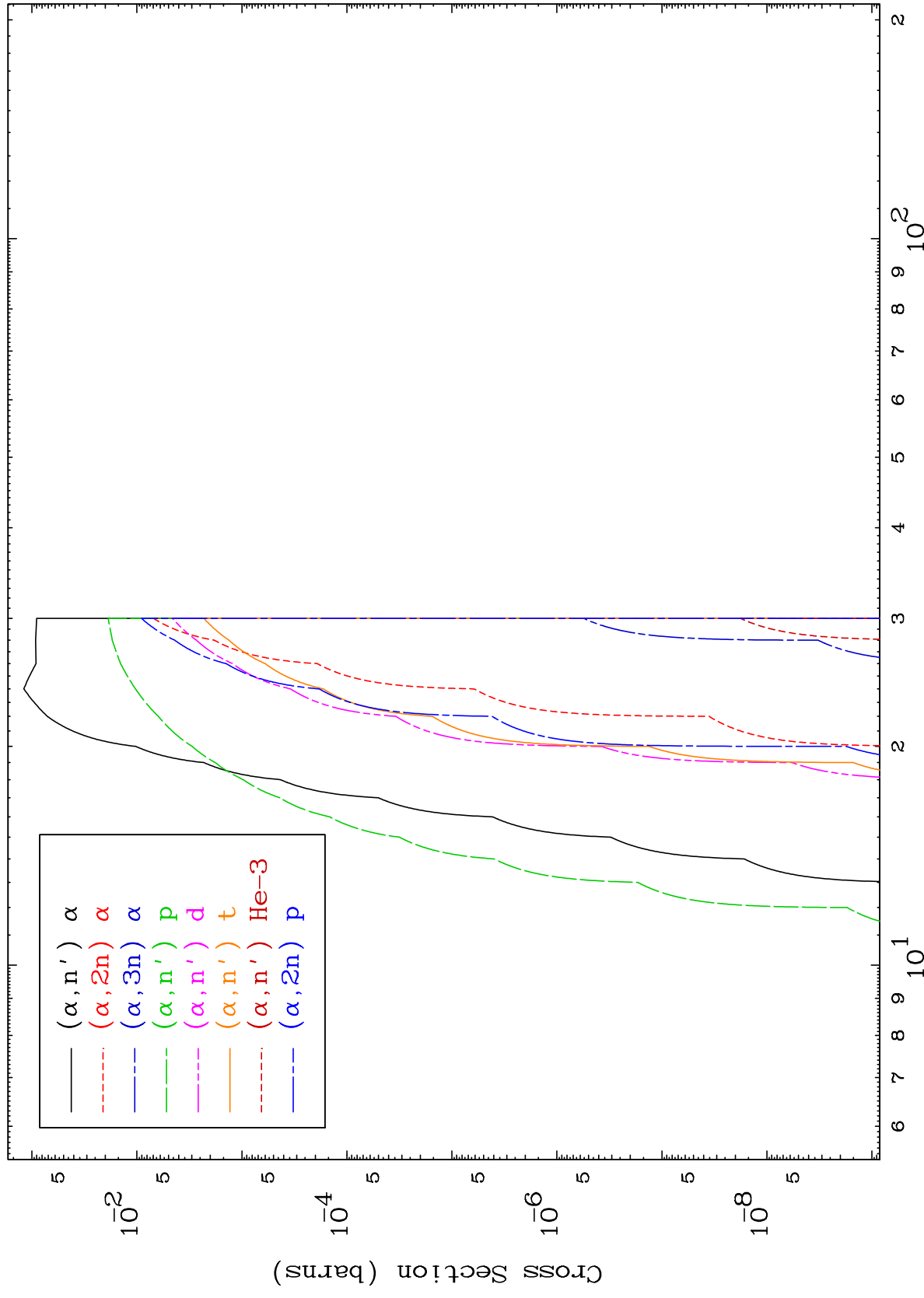
Incident Energy (MeV)

45-Rh-110

MAT 4547

α Charged Particle
0 Kelvin Cross Sections

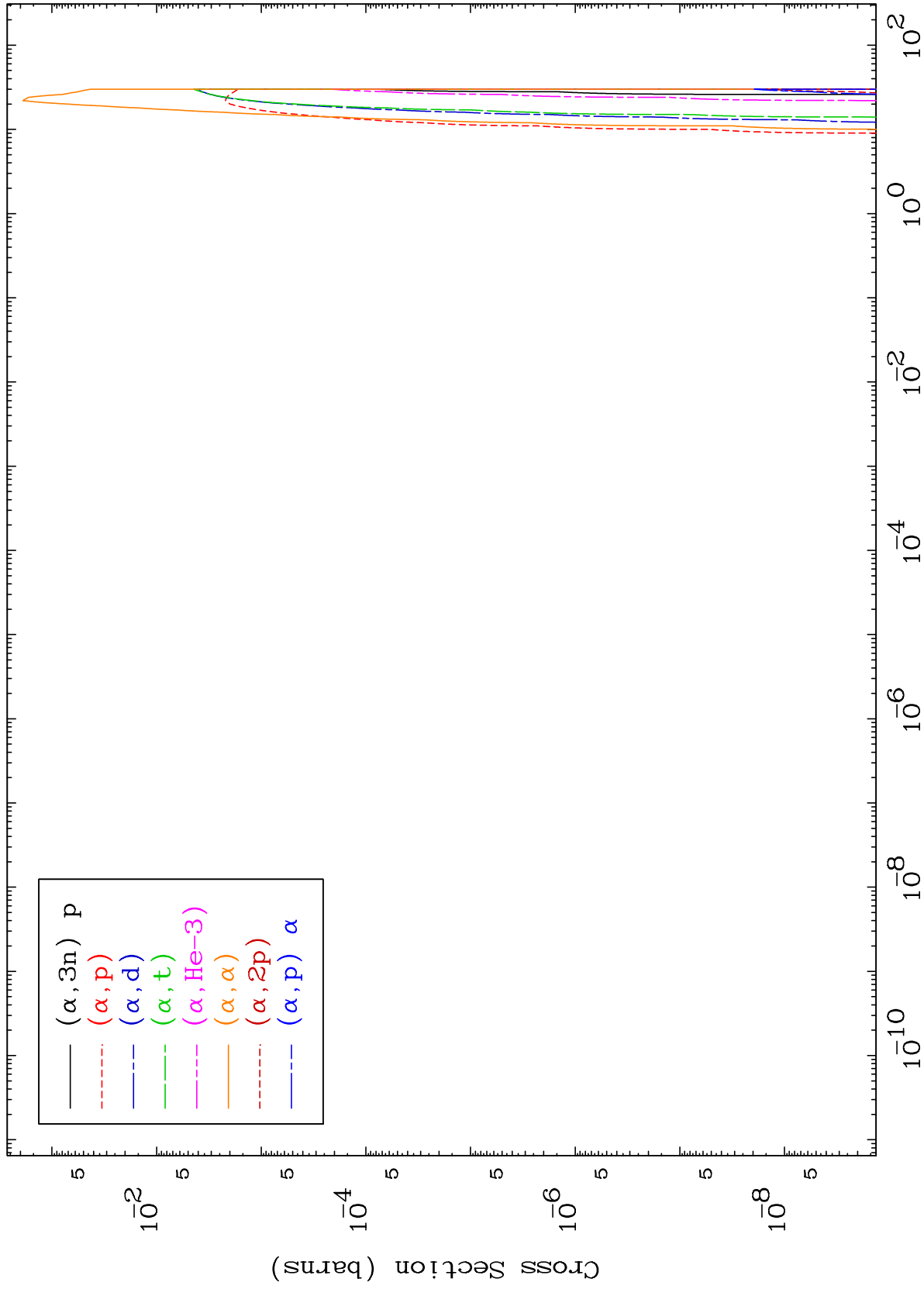
45-Rh-110



MAT 4547

α Charged Particle
0 Kelvin Cross Sections

45-Rh-110



5

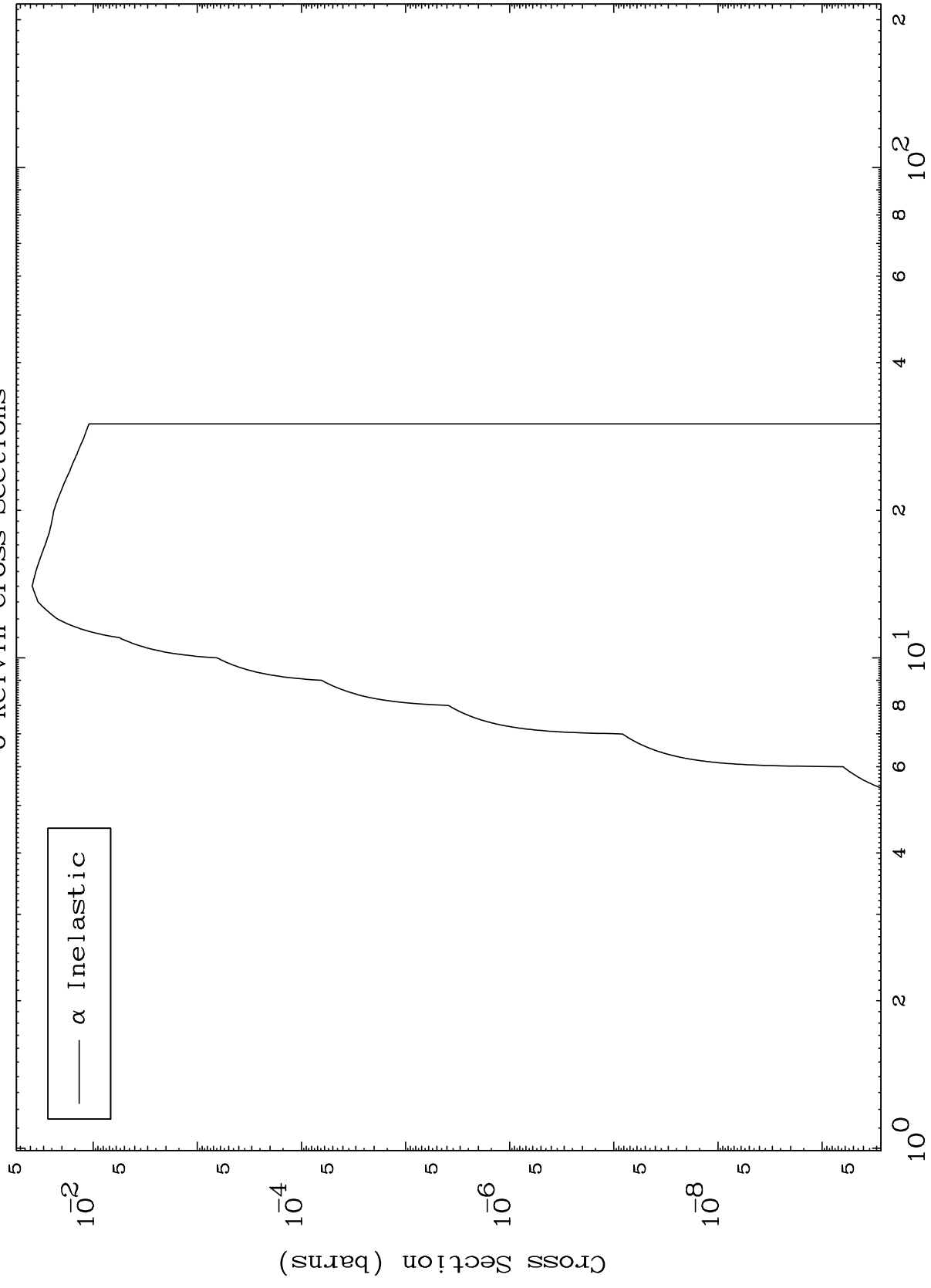
Incident Energy (MeV)

45-Rh-110

MAT 4547

(α, n') Level
0 Kelvin Cross Sections

45-Rh-110



α Inelastic

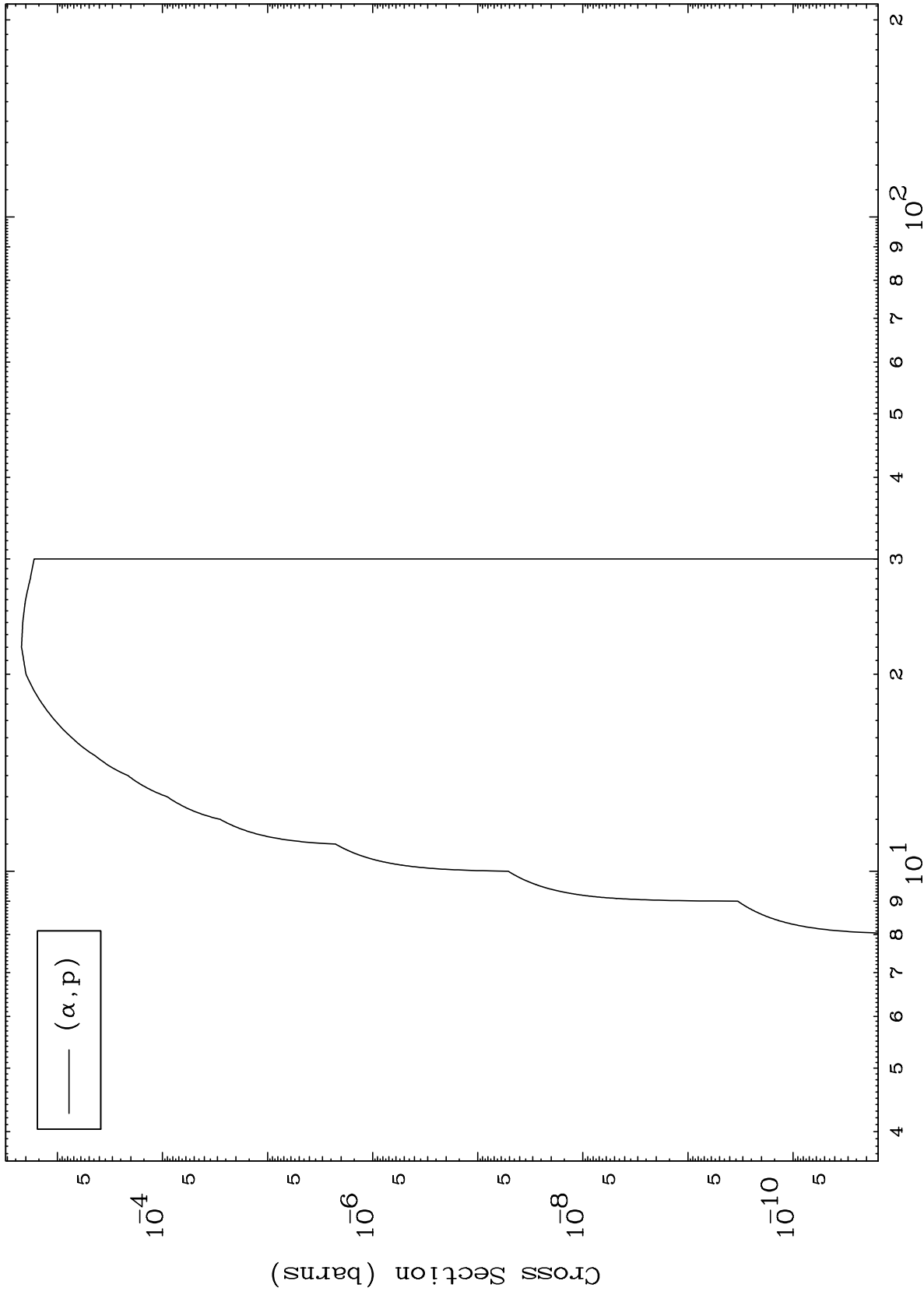
Incident Energy (MeV)

45-Rh-110

MAT 4547

45-Rh-110

(α, p) Levels
0 Kelvin Cross Sections



7

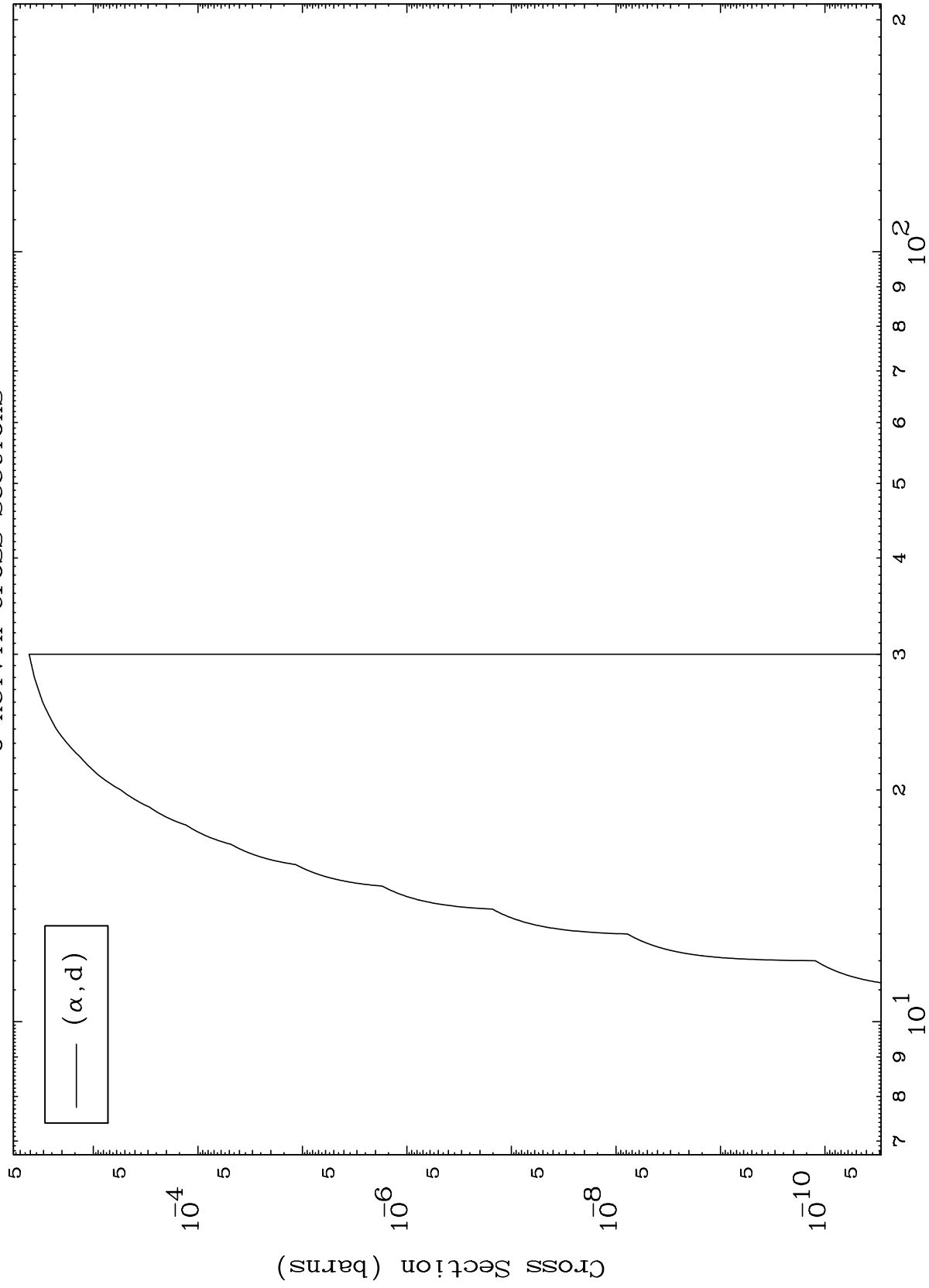
Incident Energy (MeV)

45-Rh-110

MAT 4547

(α, d) Levels
0 Kelvin Cross Sections

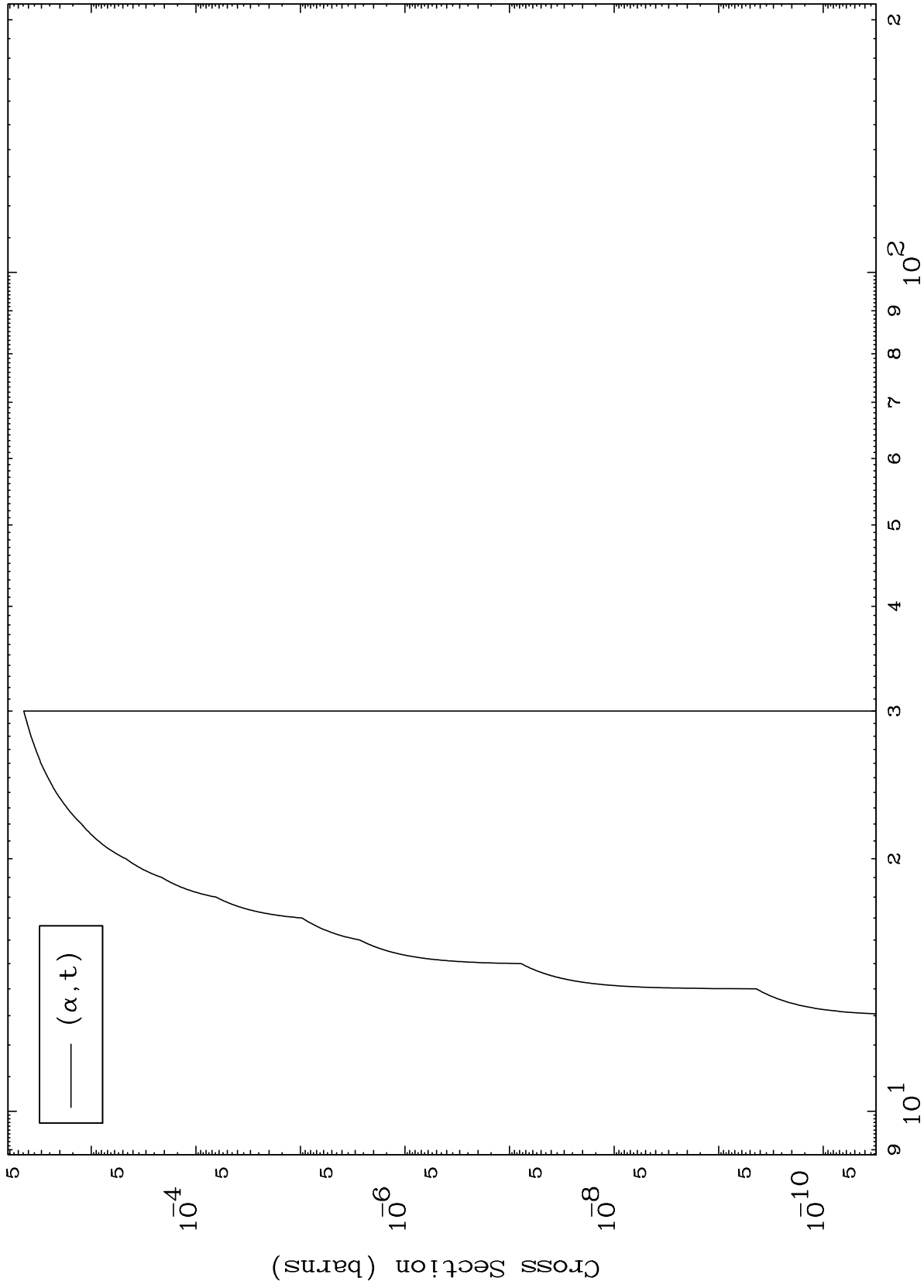
45-Rh-110



MAT 4547

(α, t) Levels
0 Kelvin Cross Sections

45-Rh-110



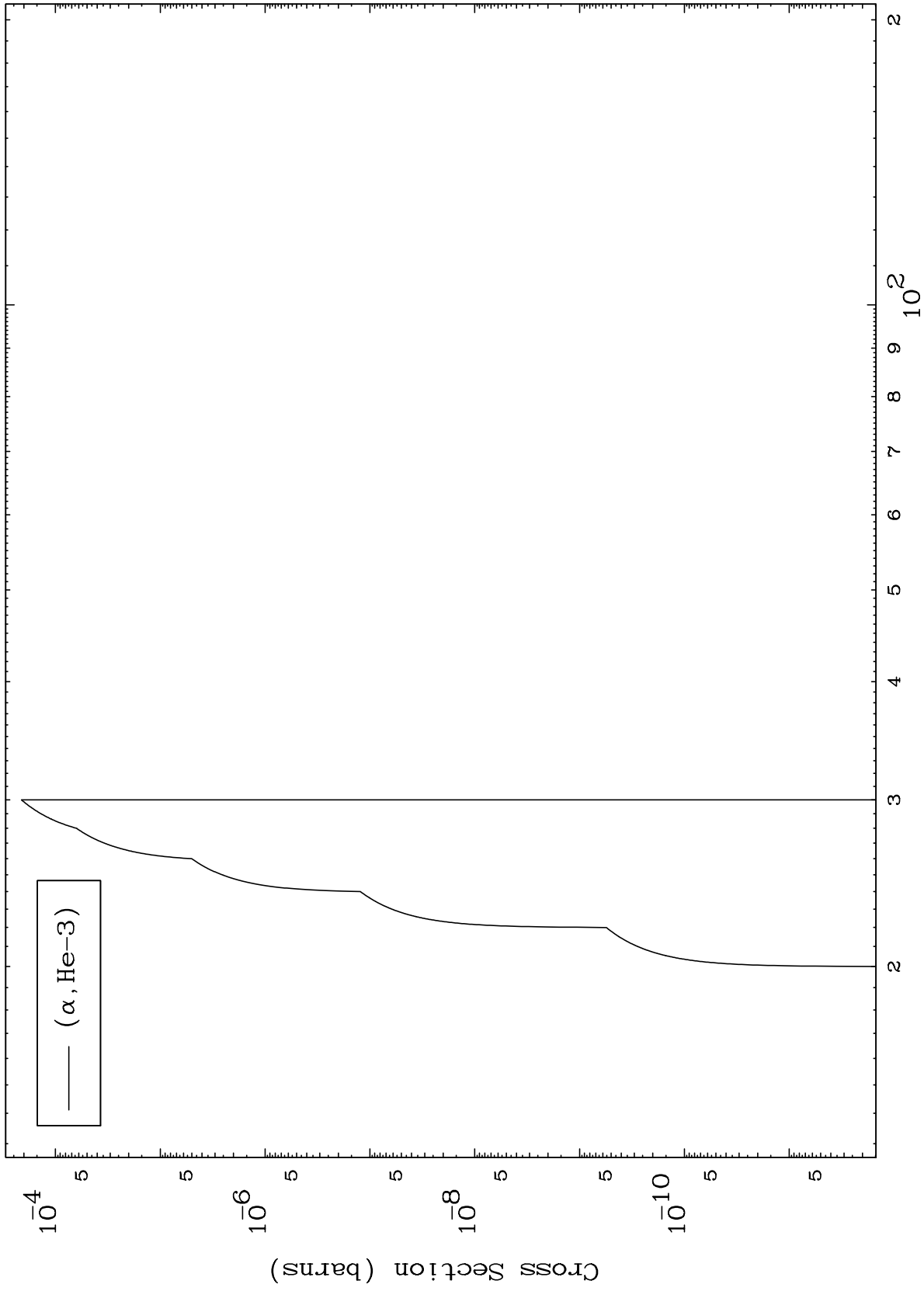
Incident Energy (MeV)

45-Rh-110

MAT 4547

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

45-Rh-110



10

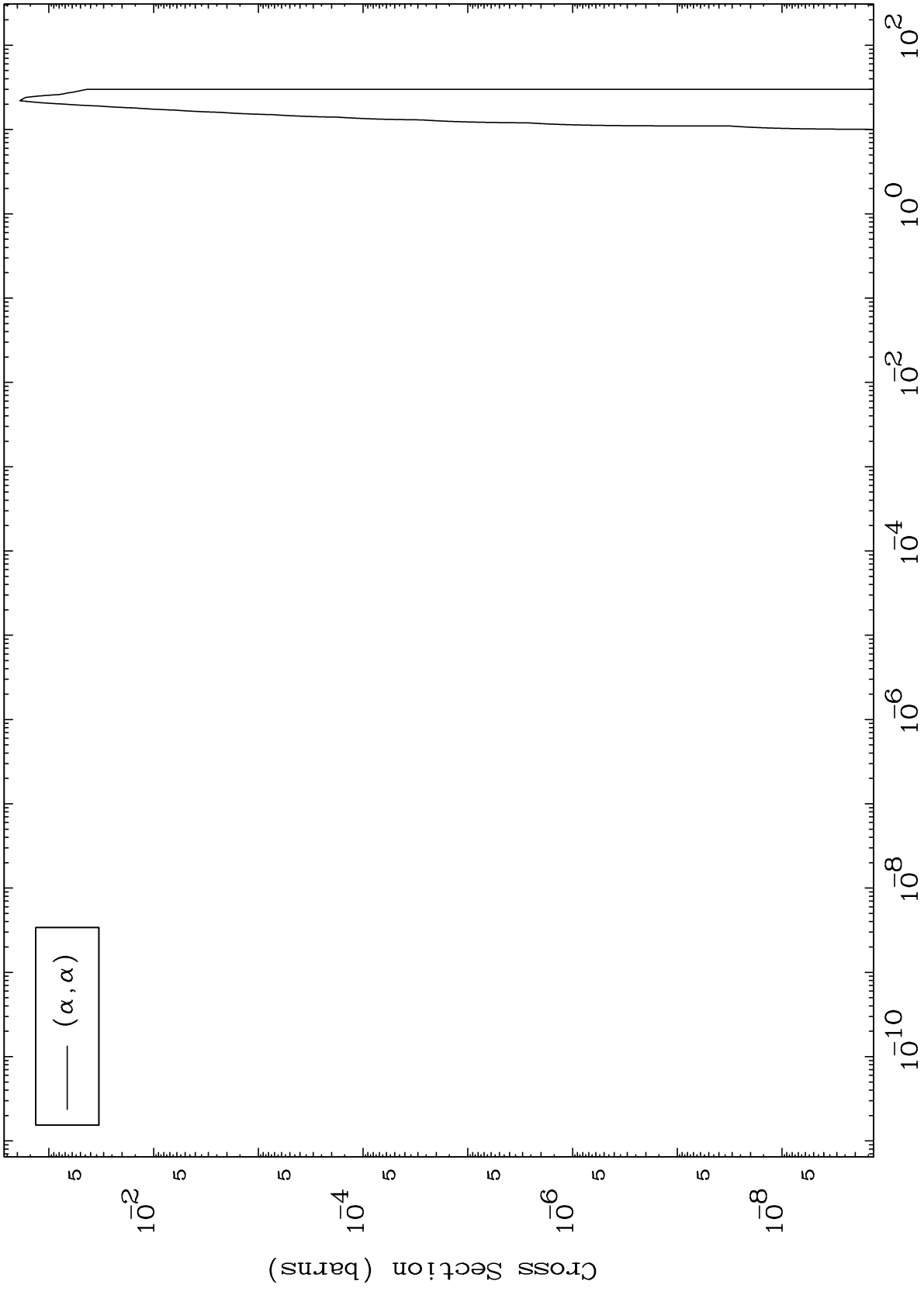
Incident Energy (MeV)

45-Rh-110

MAT 4547

(α, α) Levels
0 Kelvin Cross Sections

45-Rh-110



11

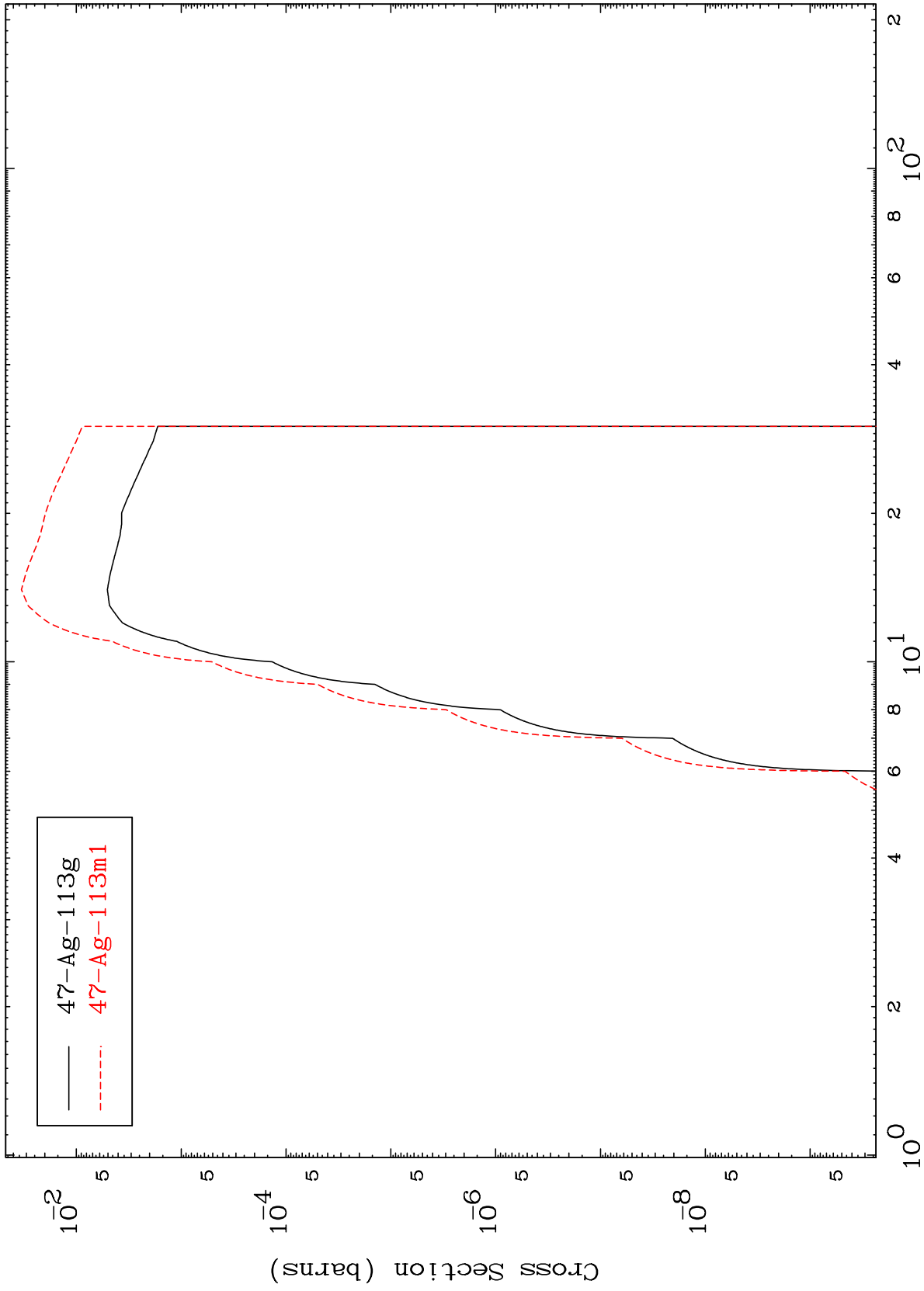
Incident Energy (MeV)

45-Rh-110

MAT 4547

Radionuclide Production Cross Section

45-Rh-110



12

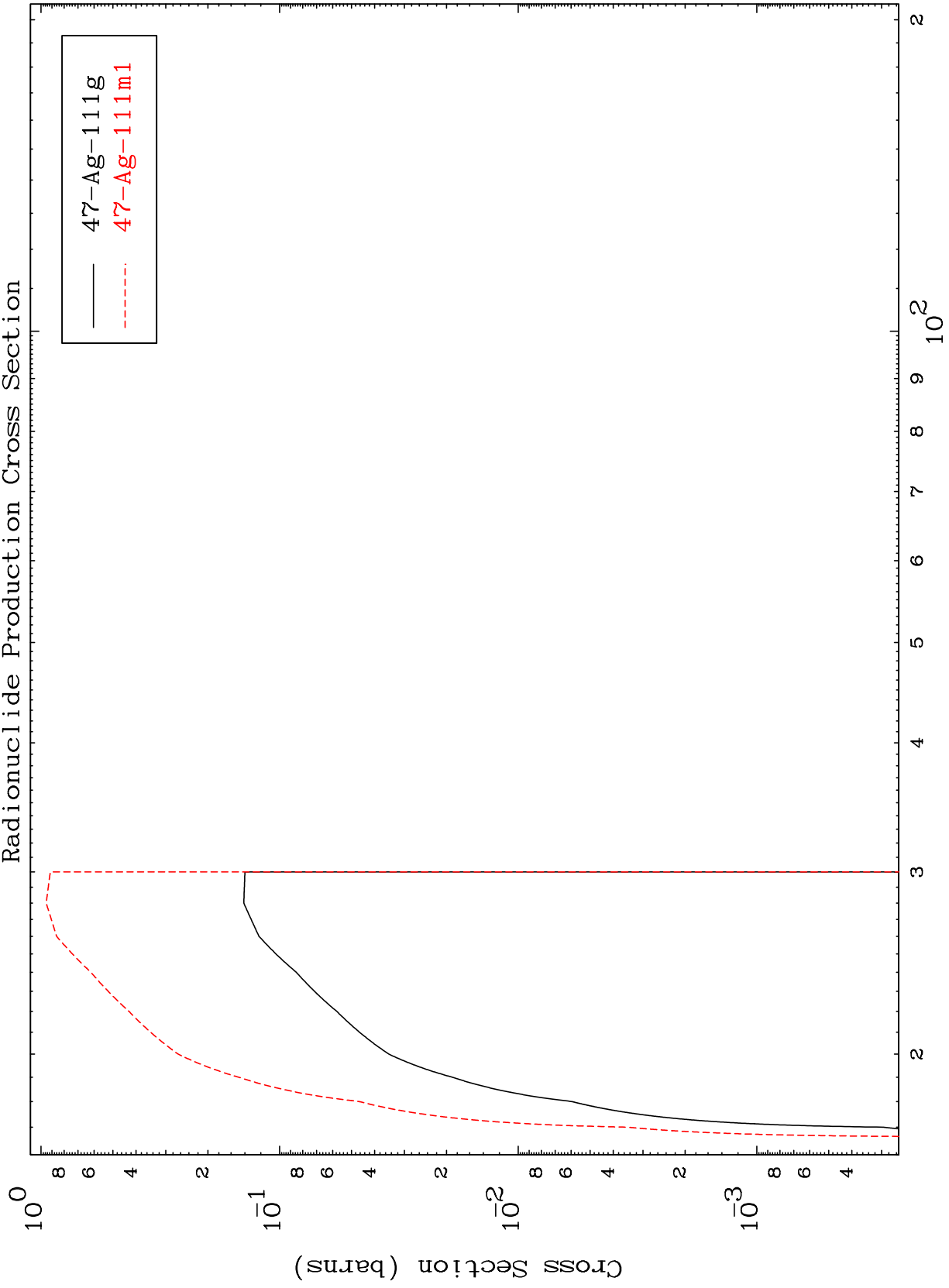
Incident Energy (MeV)

45-Rh-110

MAT 4547

45-Rh-110

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



13

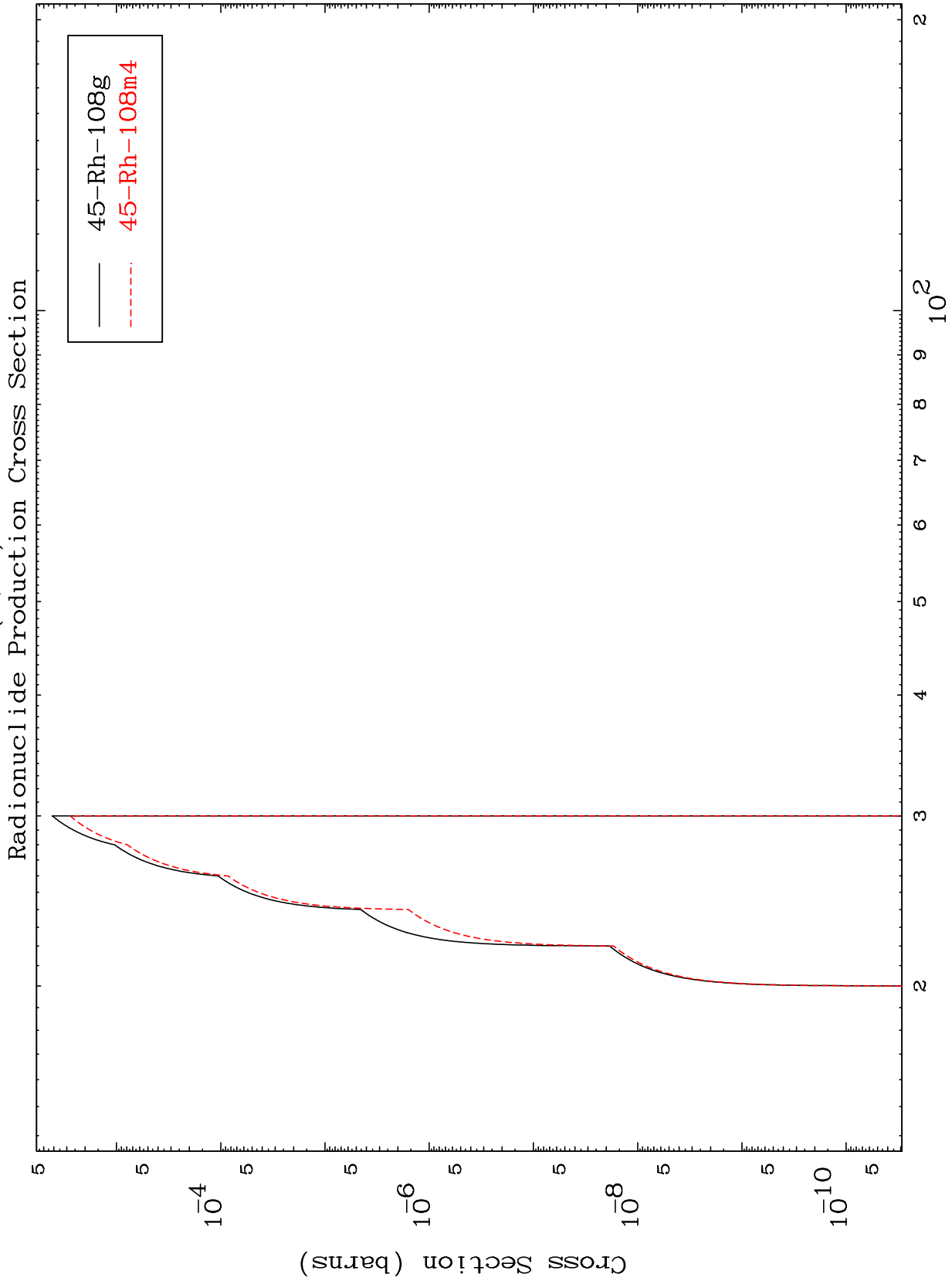
Incident Energy (MeV)

45-Rh-110

MAT 4547

($\alpha, 2n$) α

45-Rh-110



14

Incident Energy (MeV)

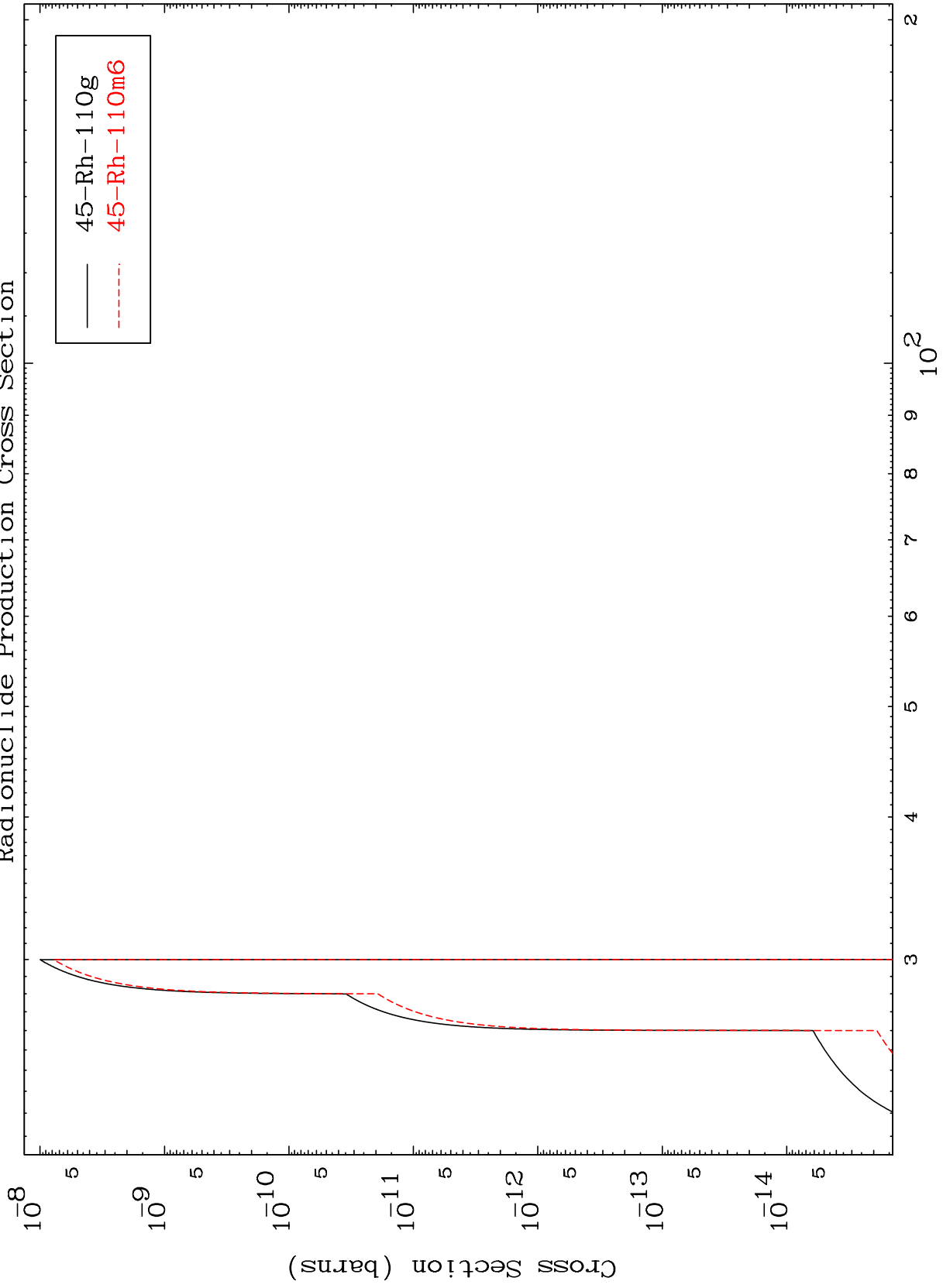
45-Rh-110

MAT 4547

(α, n') He-3

45-Rh-110

Radionuclide Production Cross Section



16

Incident Energy (MeV)

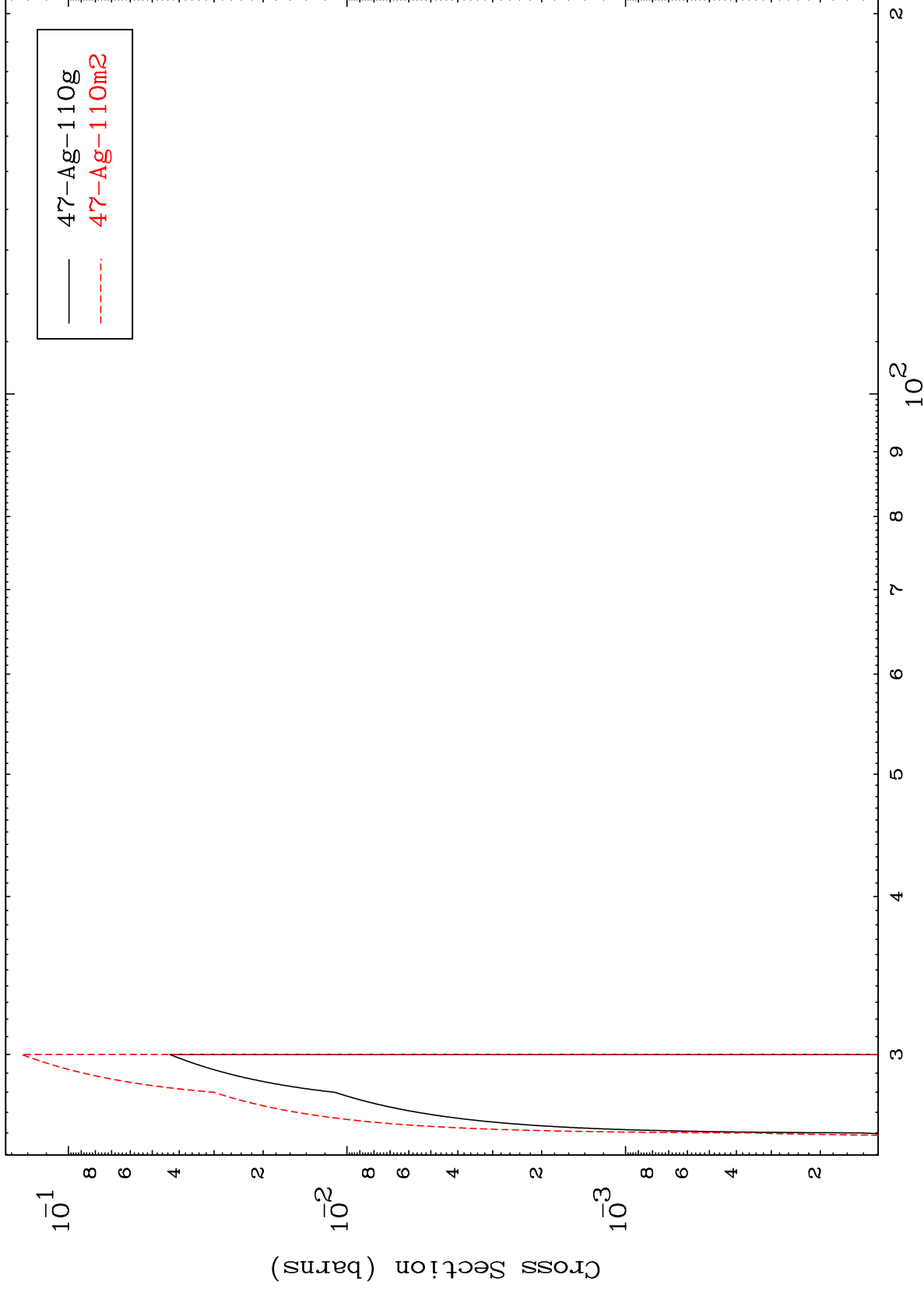
45-Rh-110

MAT 4547

($\alpha, 4n$)

45-Rh-110

Radionuclide Production Cross Section



17

Incident Energy (MeV)

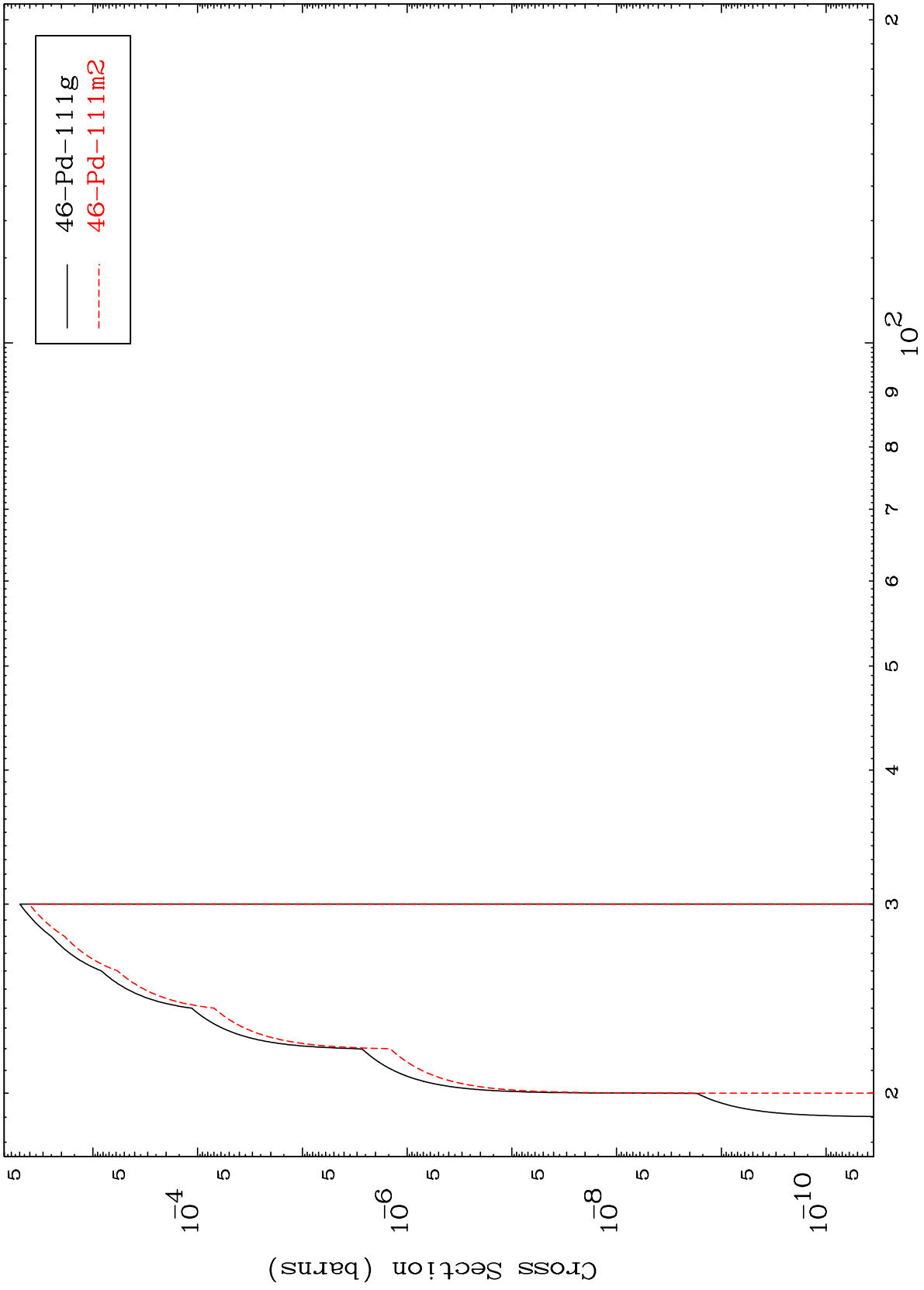
45-Rh-110

MAT 4547

($\alpha, 2n$) p

45-Rh-110

Radionuclide Production Cross Section



18

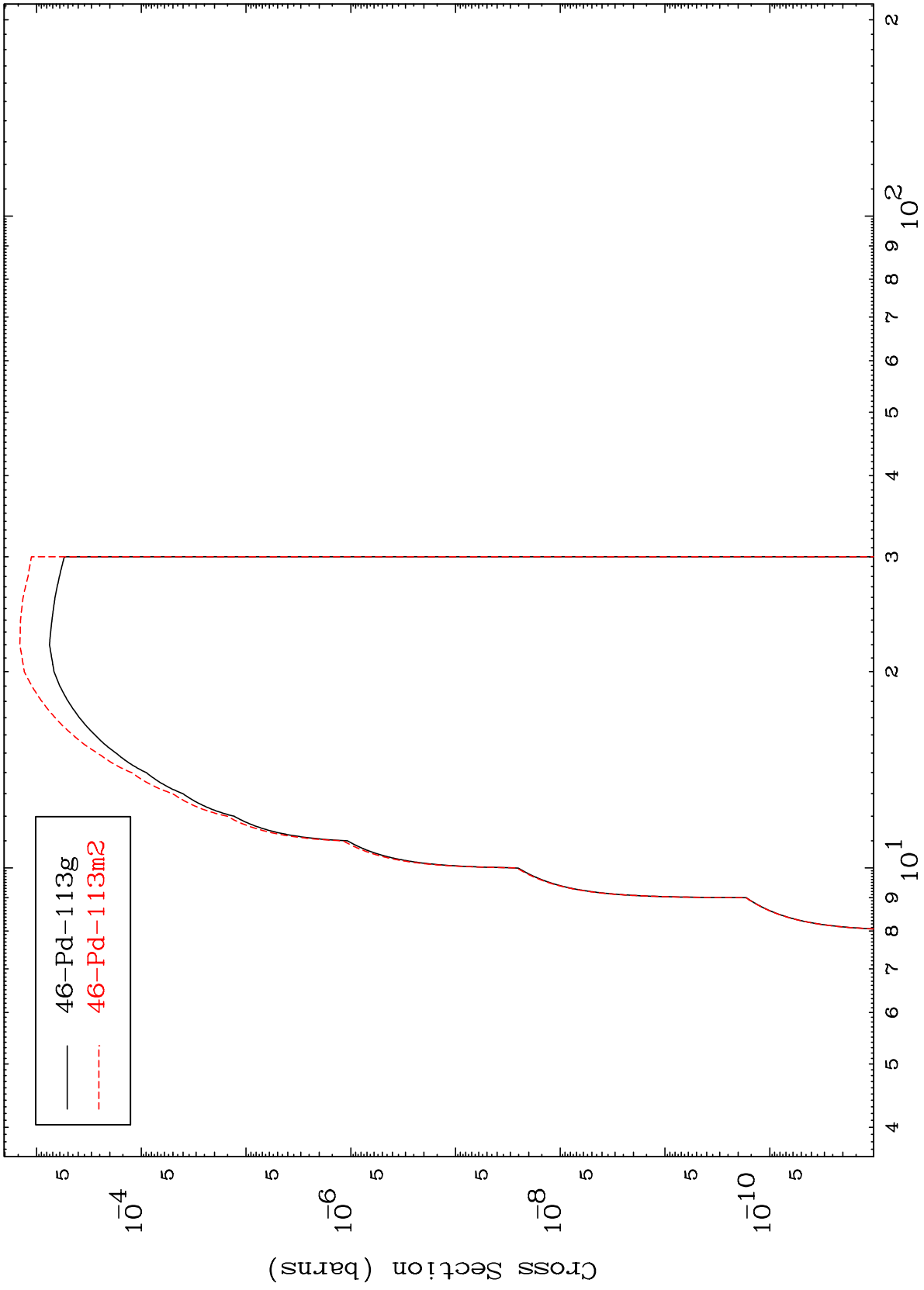
Incident Energy (MeV)

45-Rh-110

MAT 4547

45-Rh-110

(α, p)
Radionuclide Production Cross Section



19

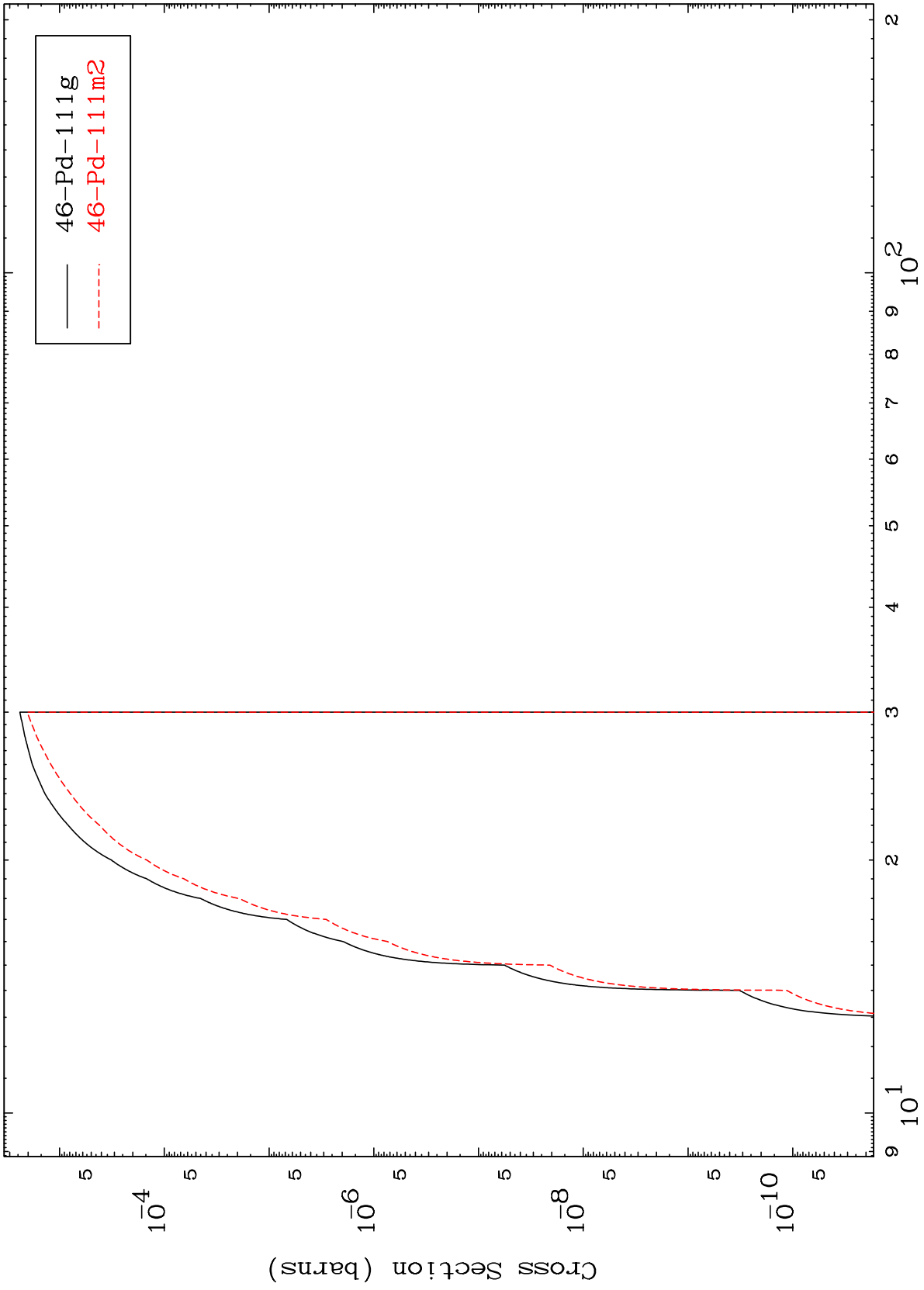
Incident Energy (MeV)

45-Rh-110

MAT 4547

45-Rh-110

(α, t)
Radionuclide Production Cross Section



45-Rh-110

Incident Energy (MeV)

20

10¹

10²

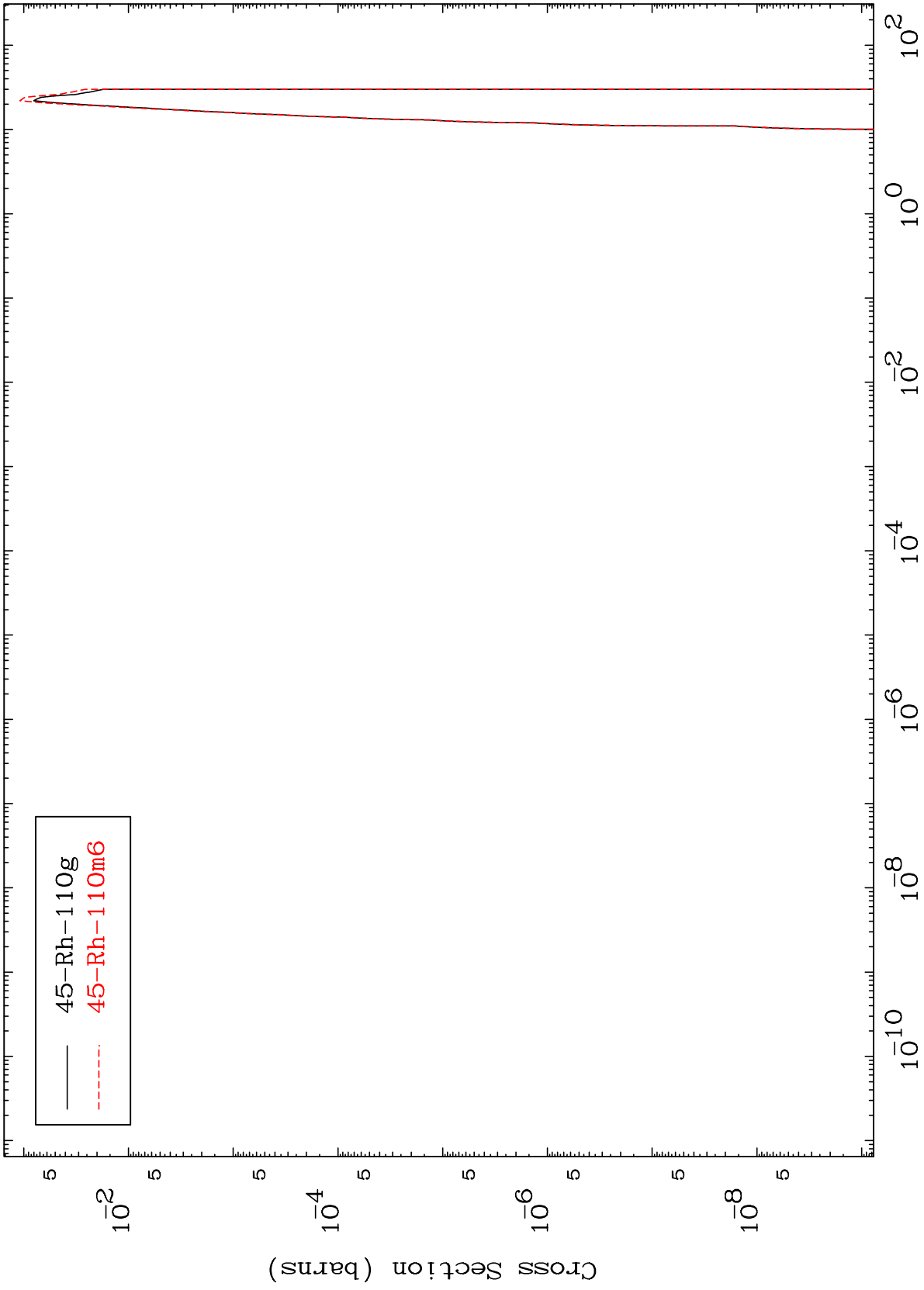
2

MAT 4547

(α, α)

45-Rh-110

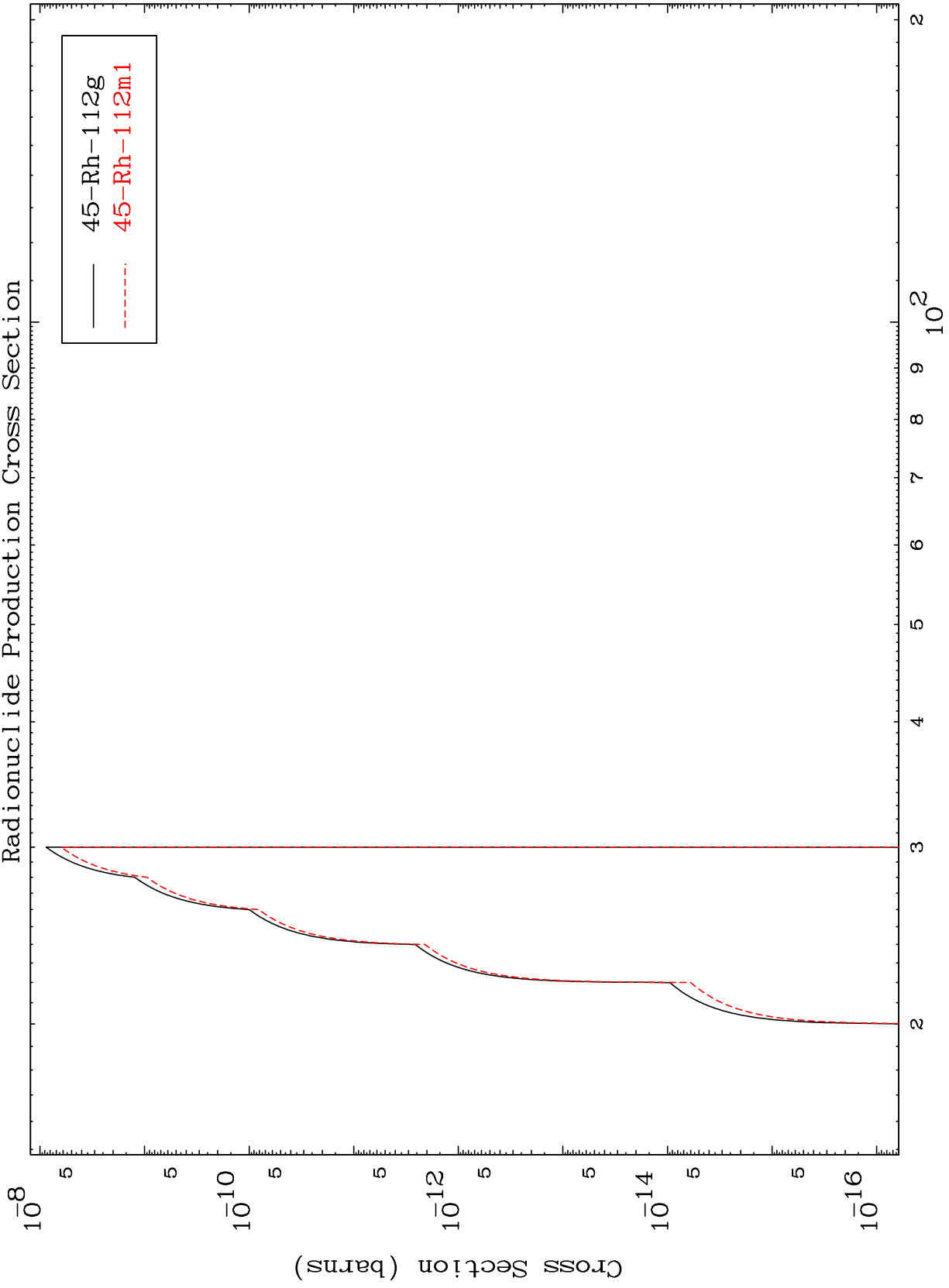
Radionuclide Production Cross Section



MAT 4547

45-Rh-110

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



22

45-Rh-110

Incident Energy (MeV)