

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

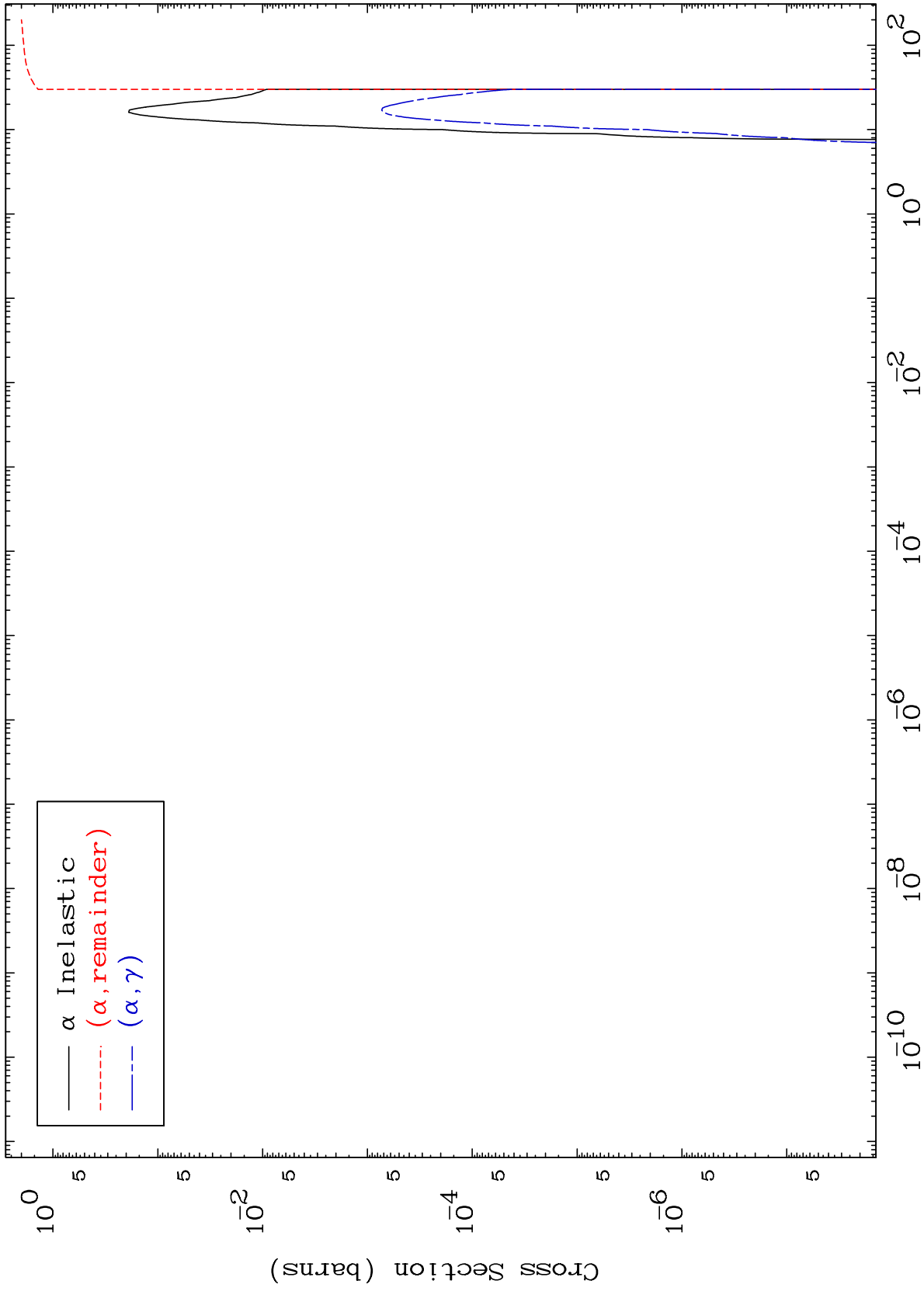
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4511

0 Kelvin α Major
Cross Sections

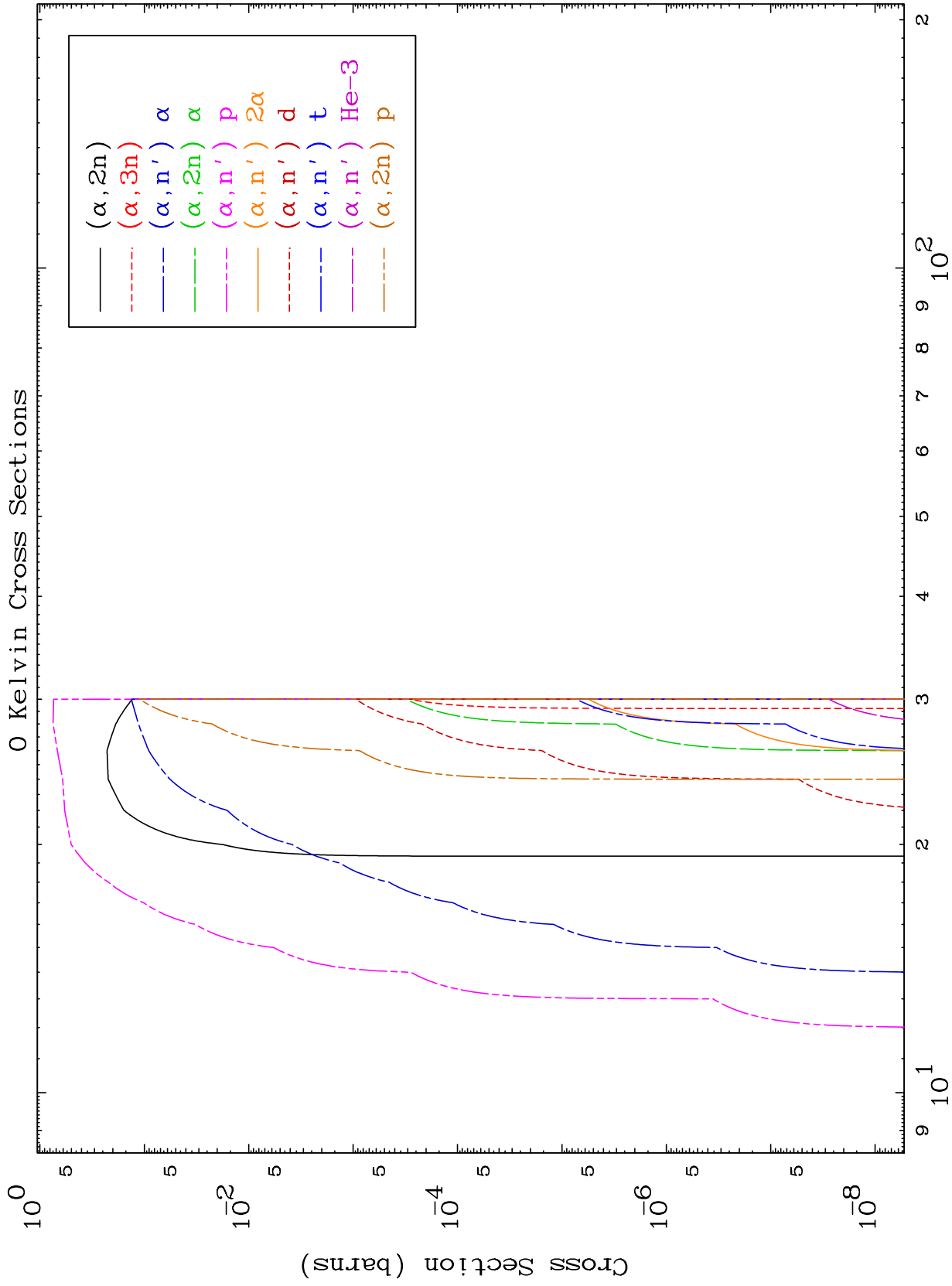
45-Rh-98



MAT 4511

α Neutron Production
0 Kelvin Cross Sections

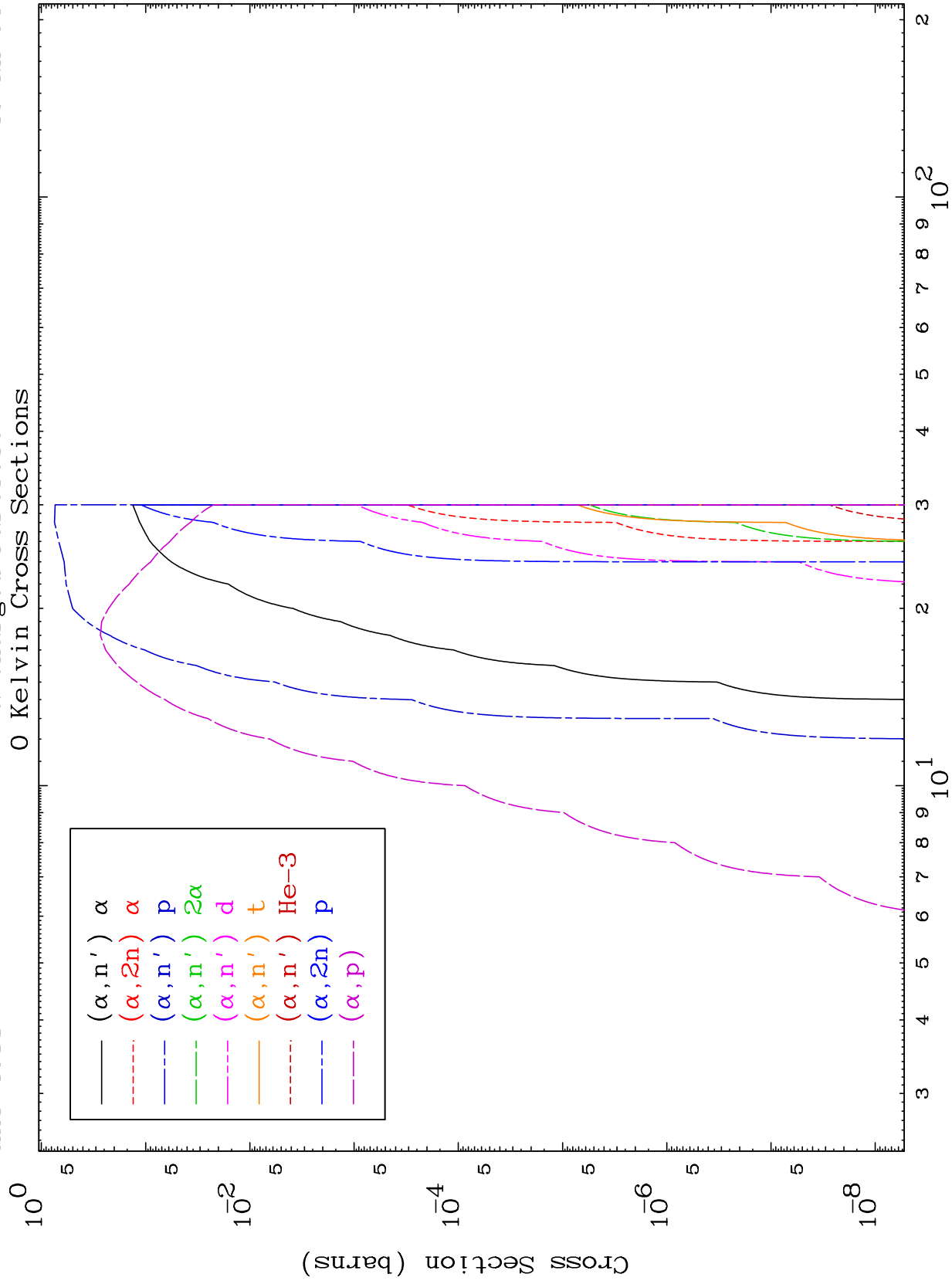
45-Rh-98



2

Incident Energy (MeV)

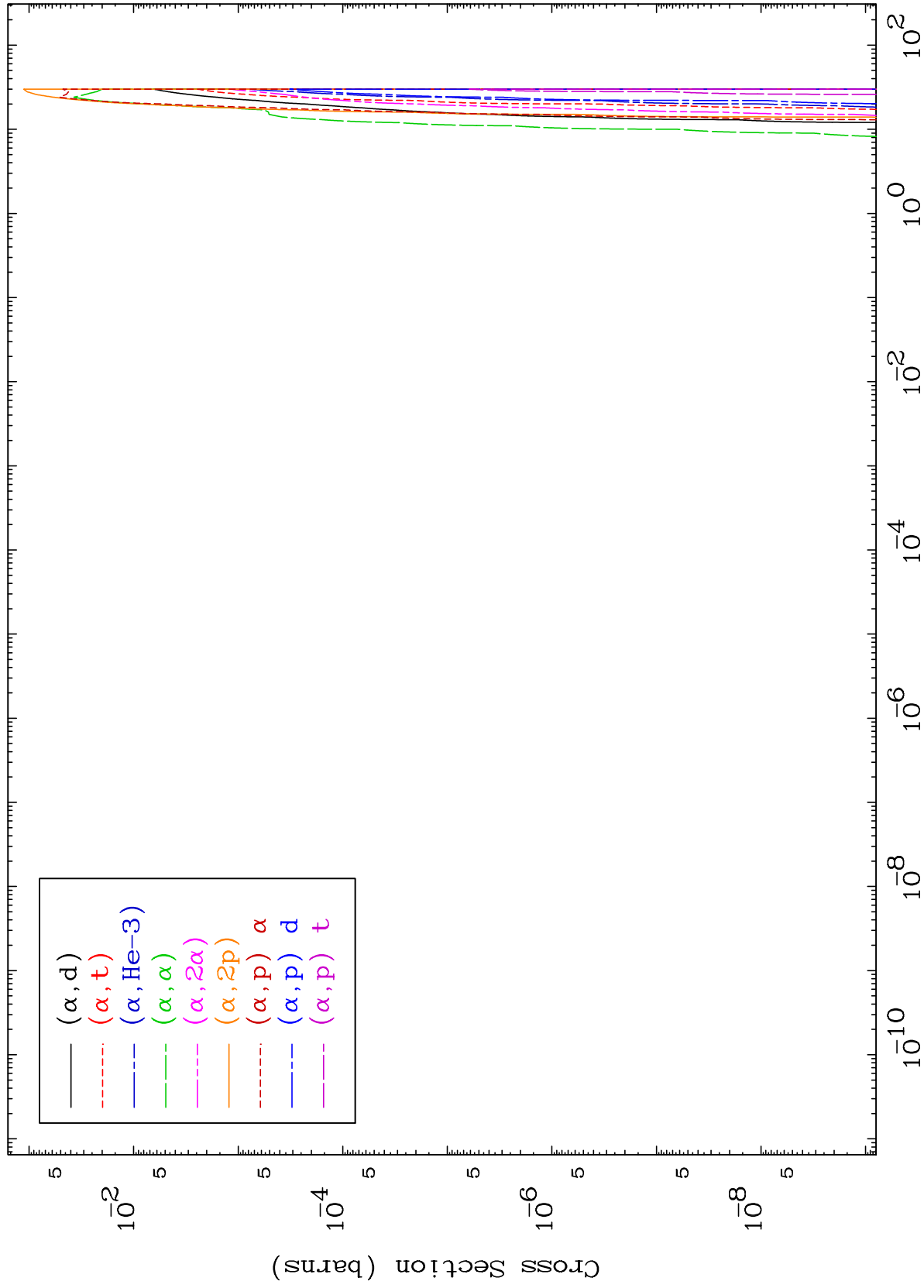
45-Rh-98



MAT 4511

α Charged Particle
0 Kelvin Cross Sections

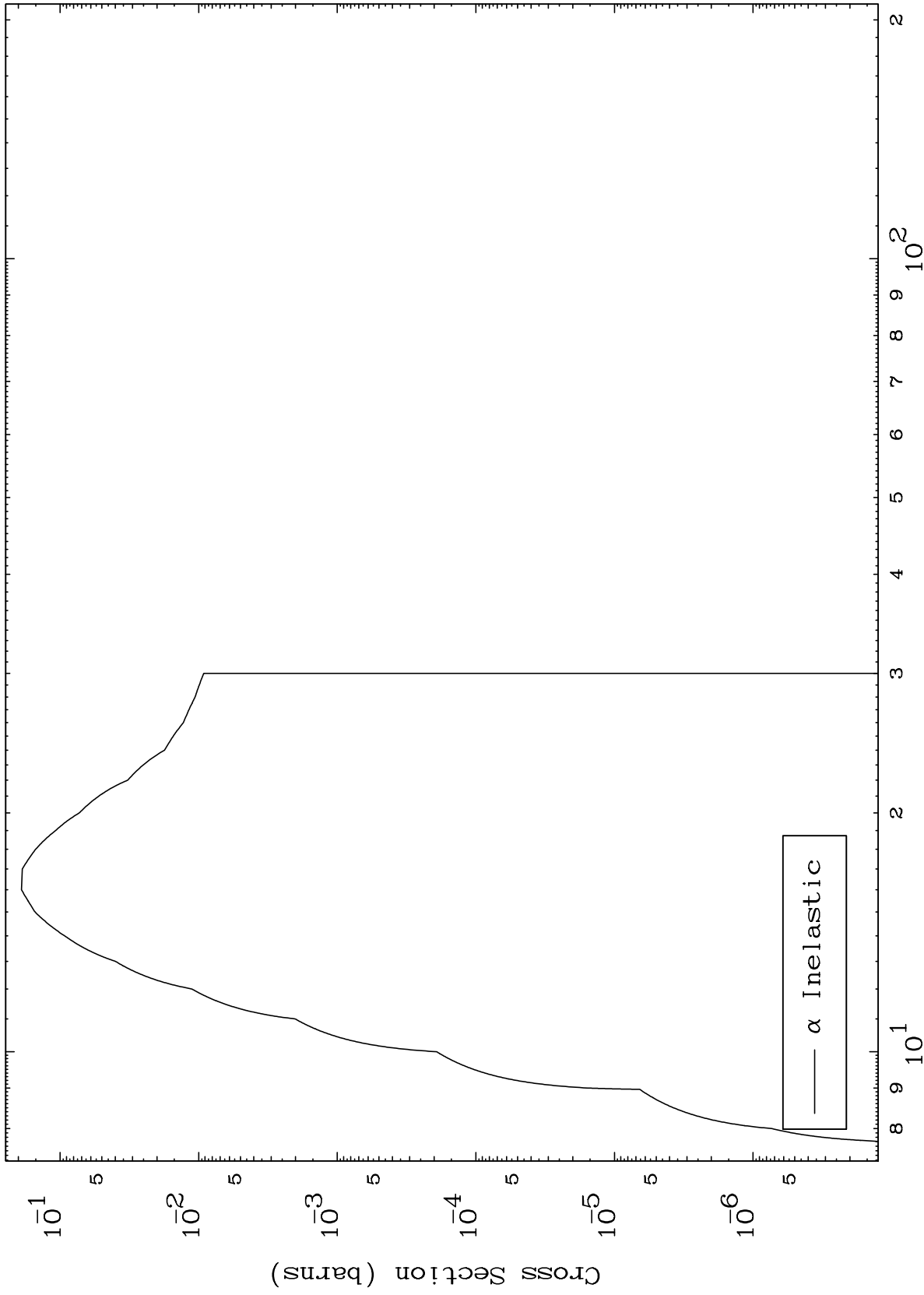
45-Rh-98



MAT 4511

(α, n') Level
0 Kelvin Cross Sections

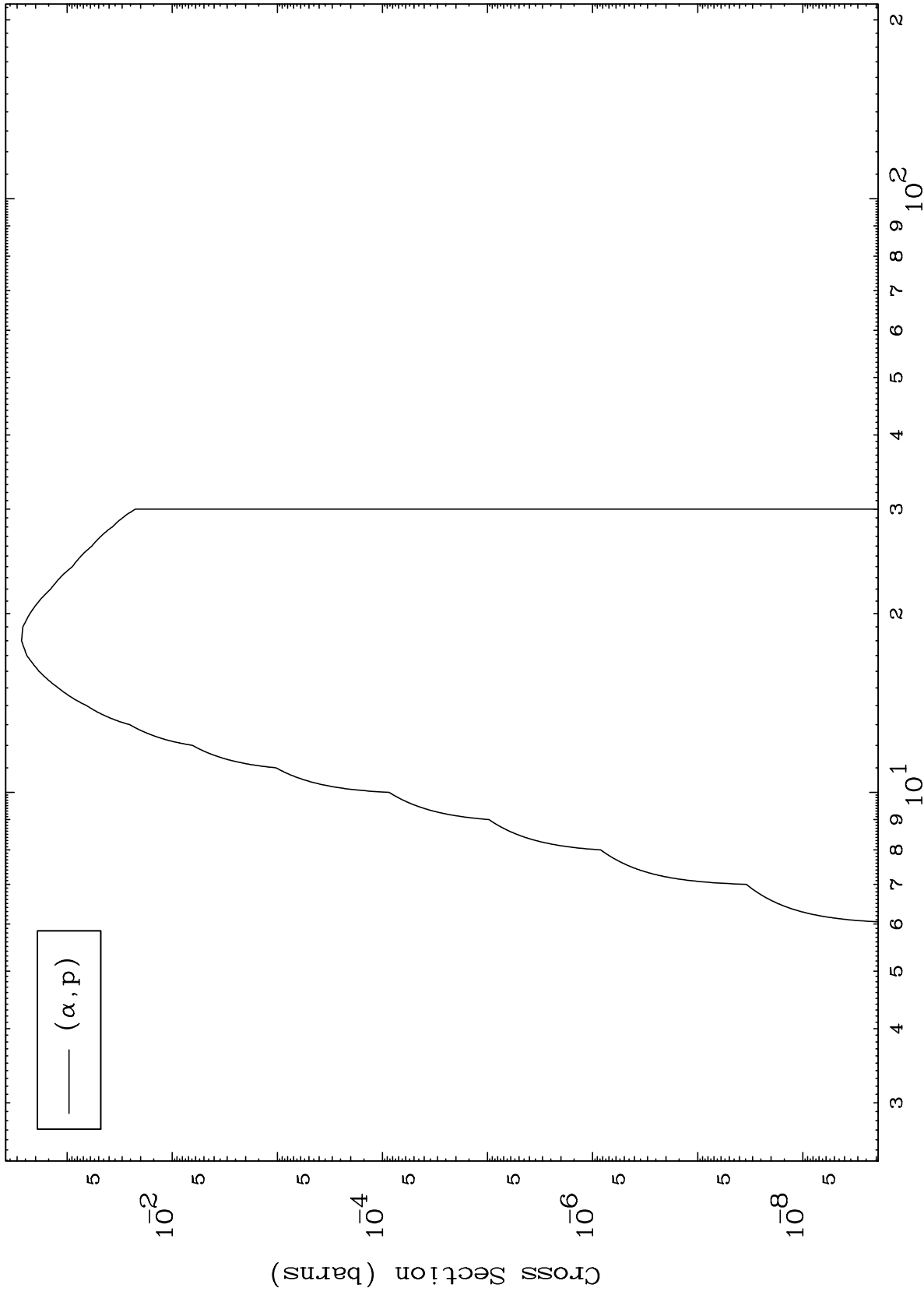
45-Rh-98



5

Incident Energy (MeV)

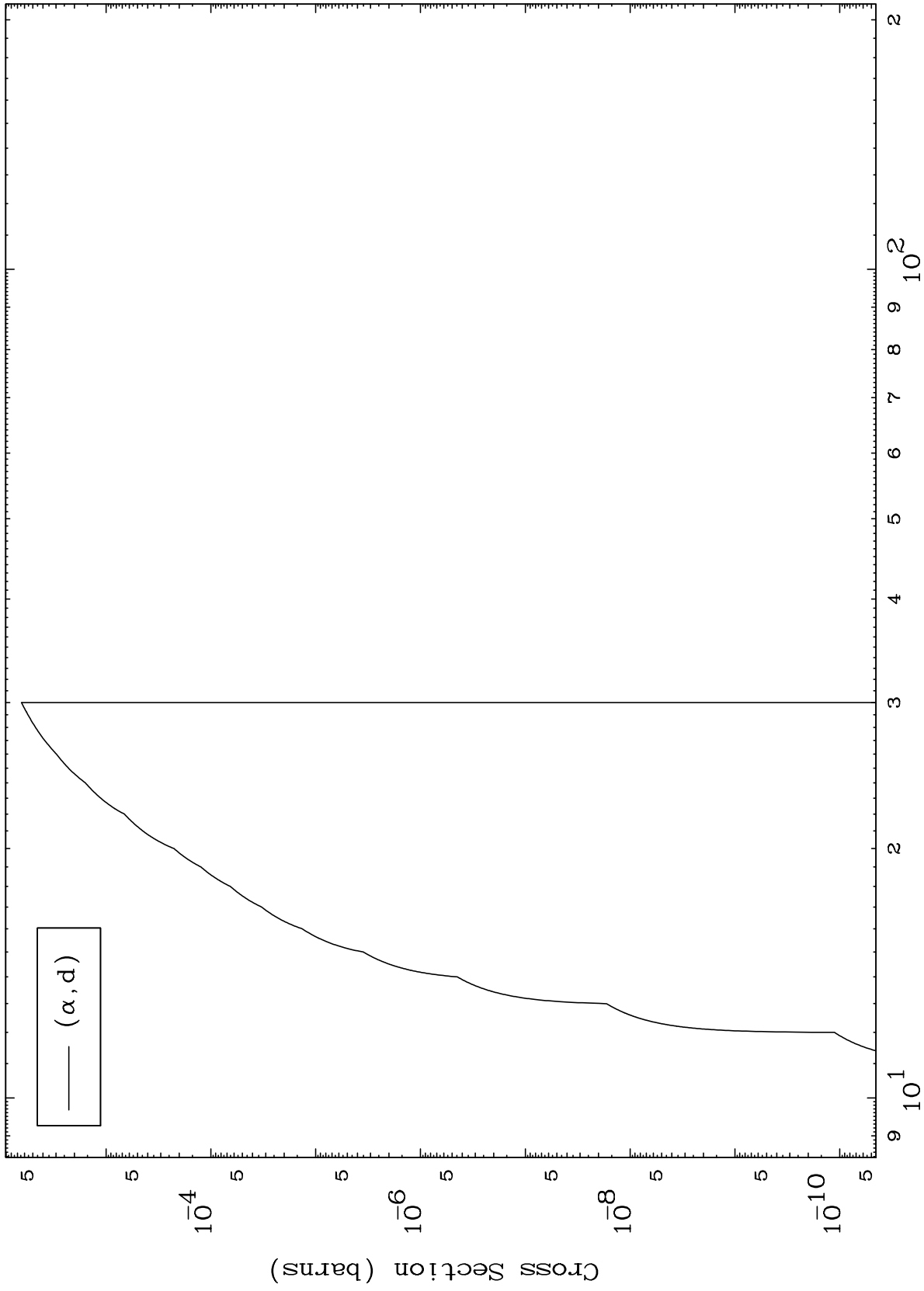
45-Rh-98



MAT 4511

(α, d) Levels
0 Kelvin Cross Sections

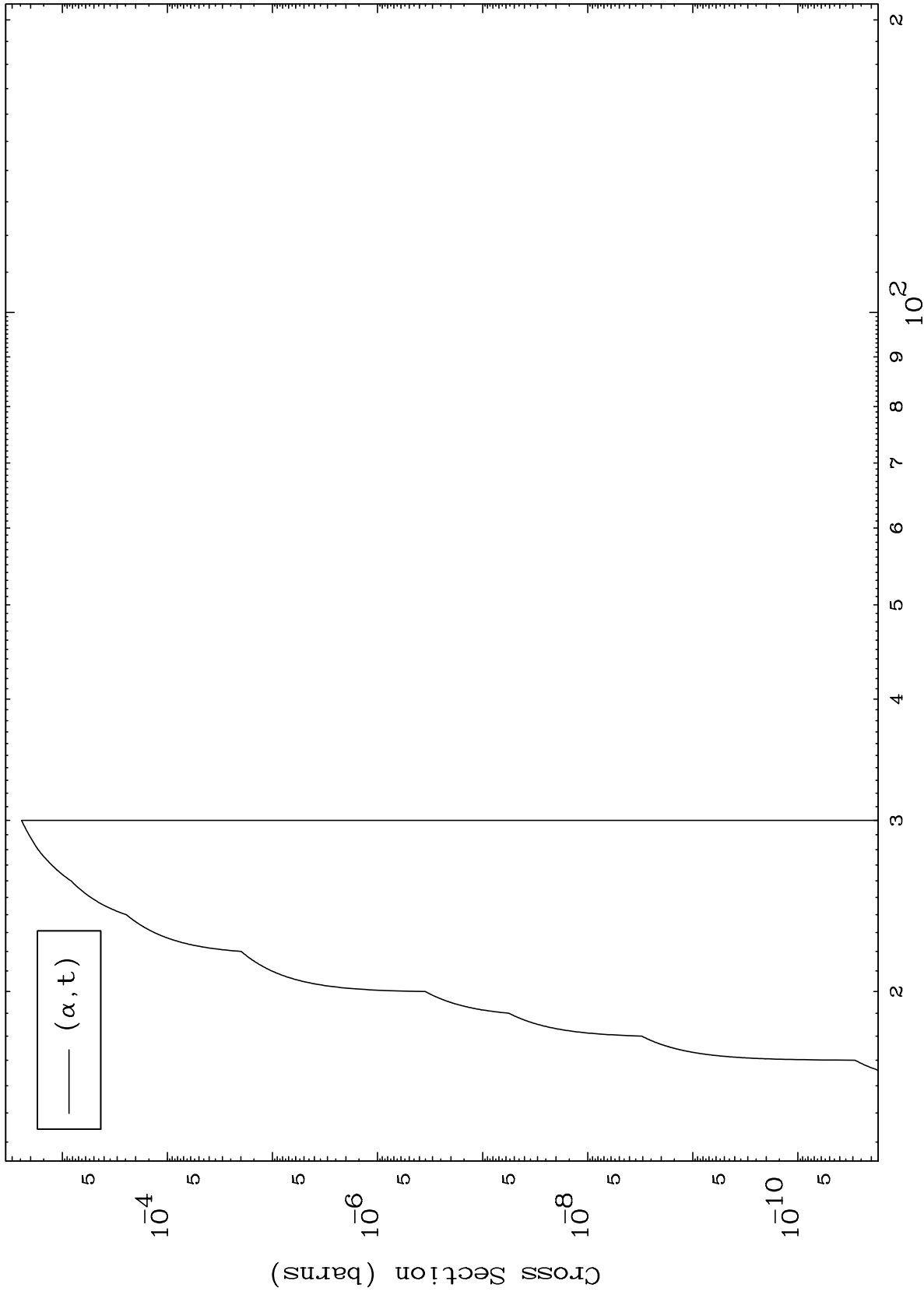
45-Rh-98



7

Incident Energy (MeV)

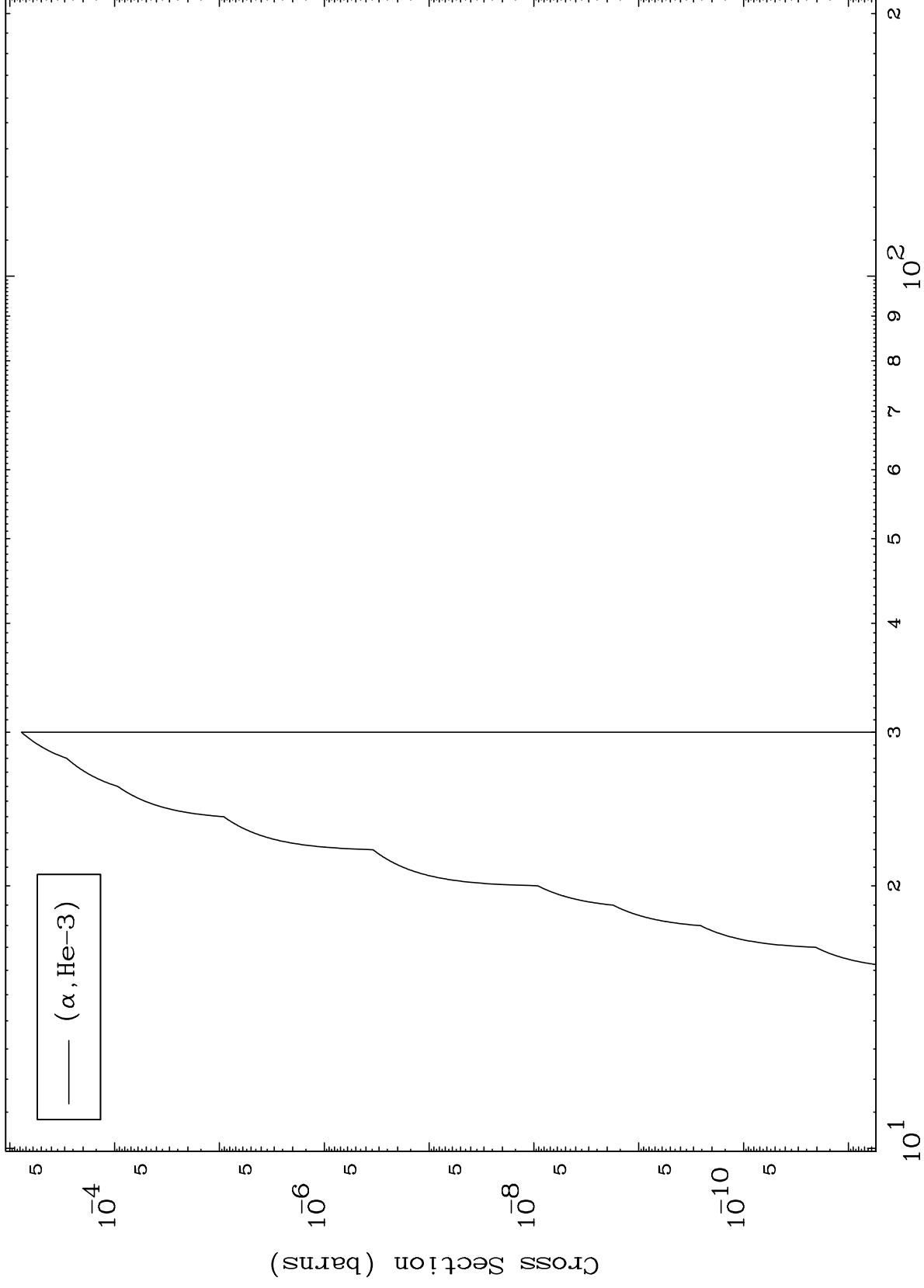
45-Rh-98



MAT 4511

(α ,He3) Levels
0 Kelvin Cross Sections

45-Rh-98



9

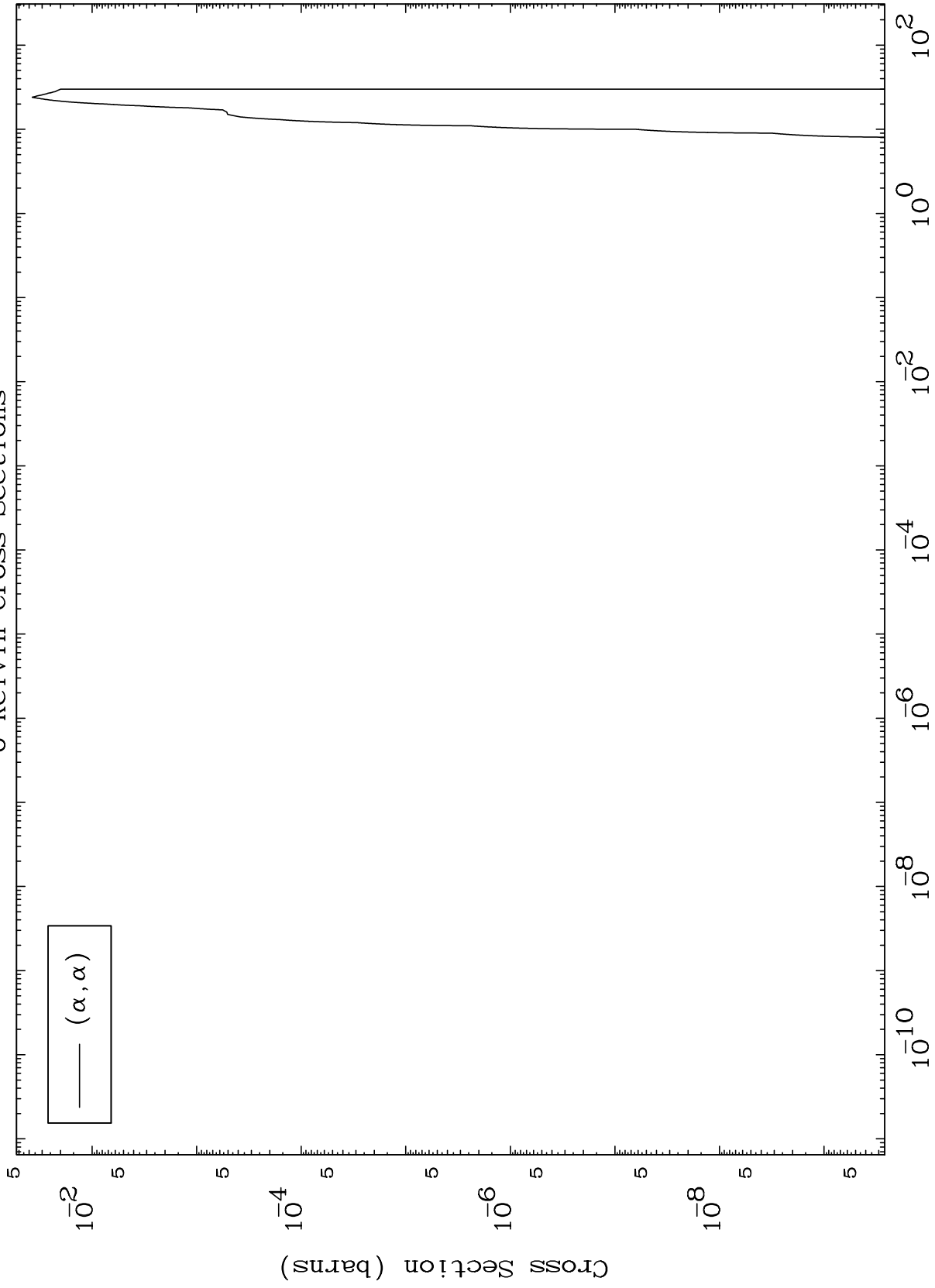
Incident Energy (MeV)

45-Rh-98

MAT 4511

(α, α) Levels
0 Kelvin Cross Sections

45-Rh-98

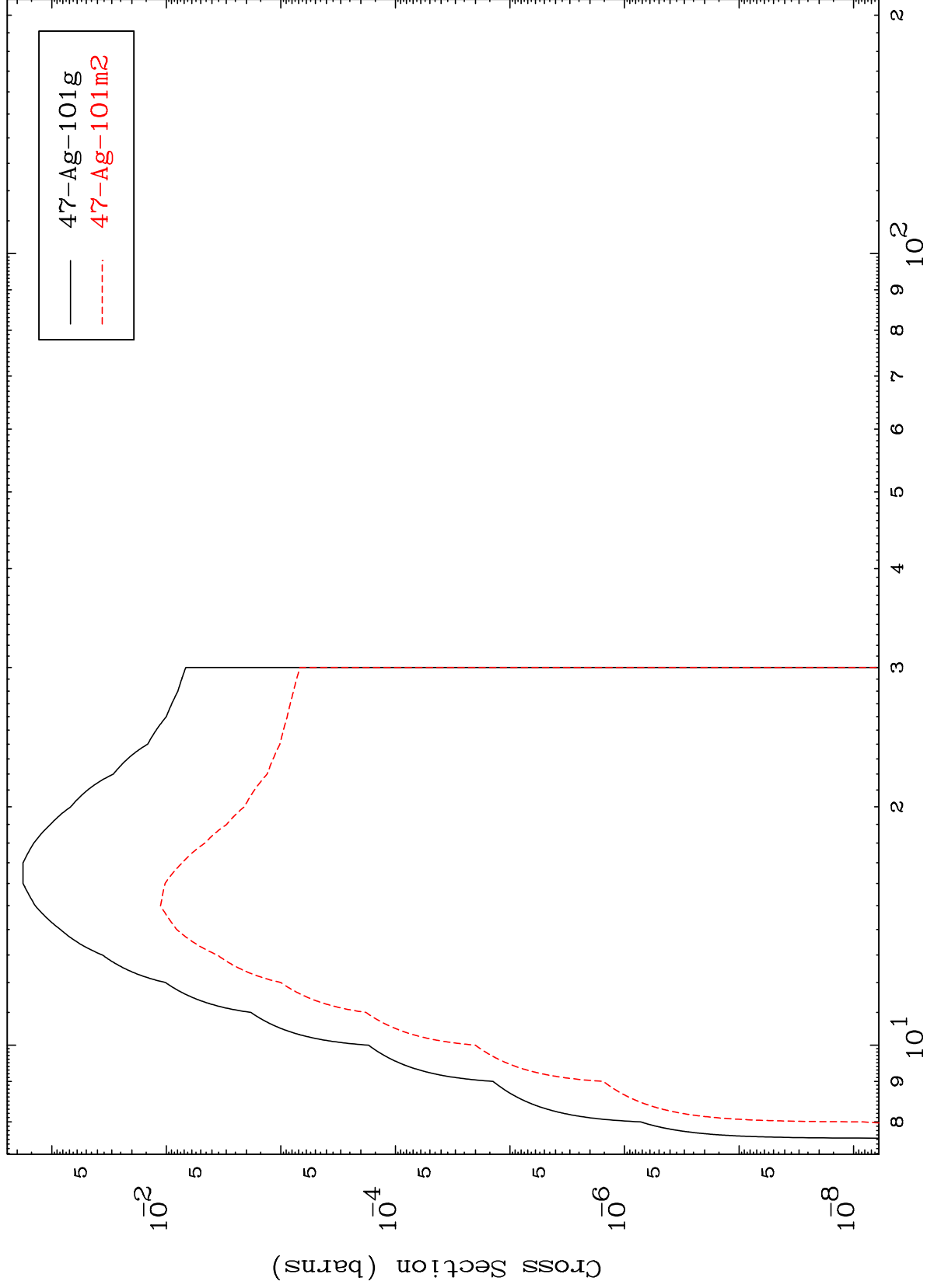


10

Incident Energy (MeV)

45-Rh-98

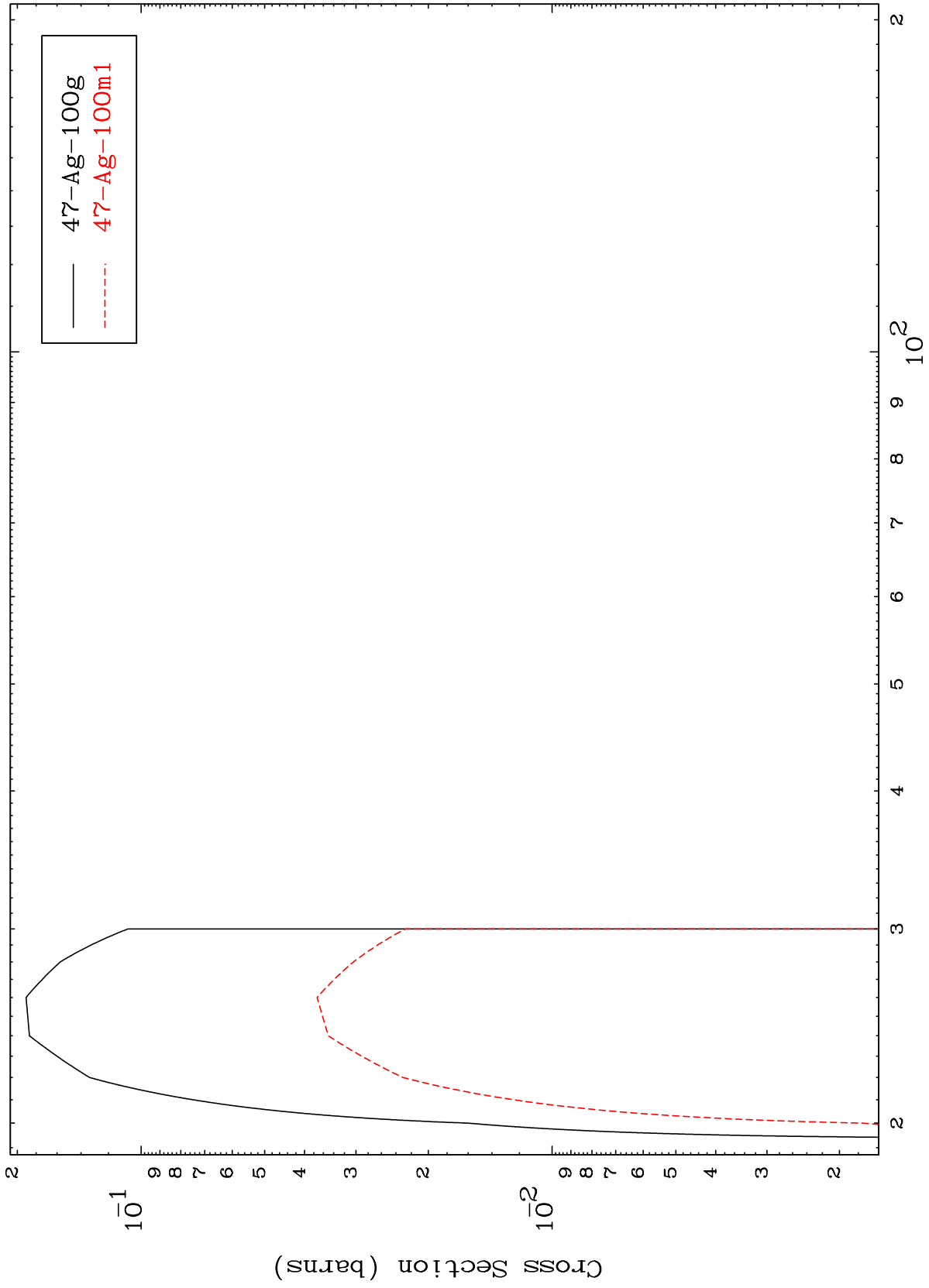
α Inelastic
Radionuclide Production Cross Section



MAT 4511

45-Rh-98

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



12

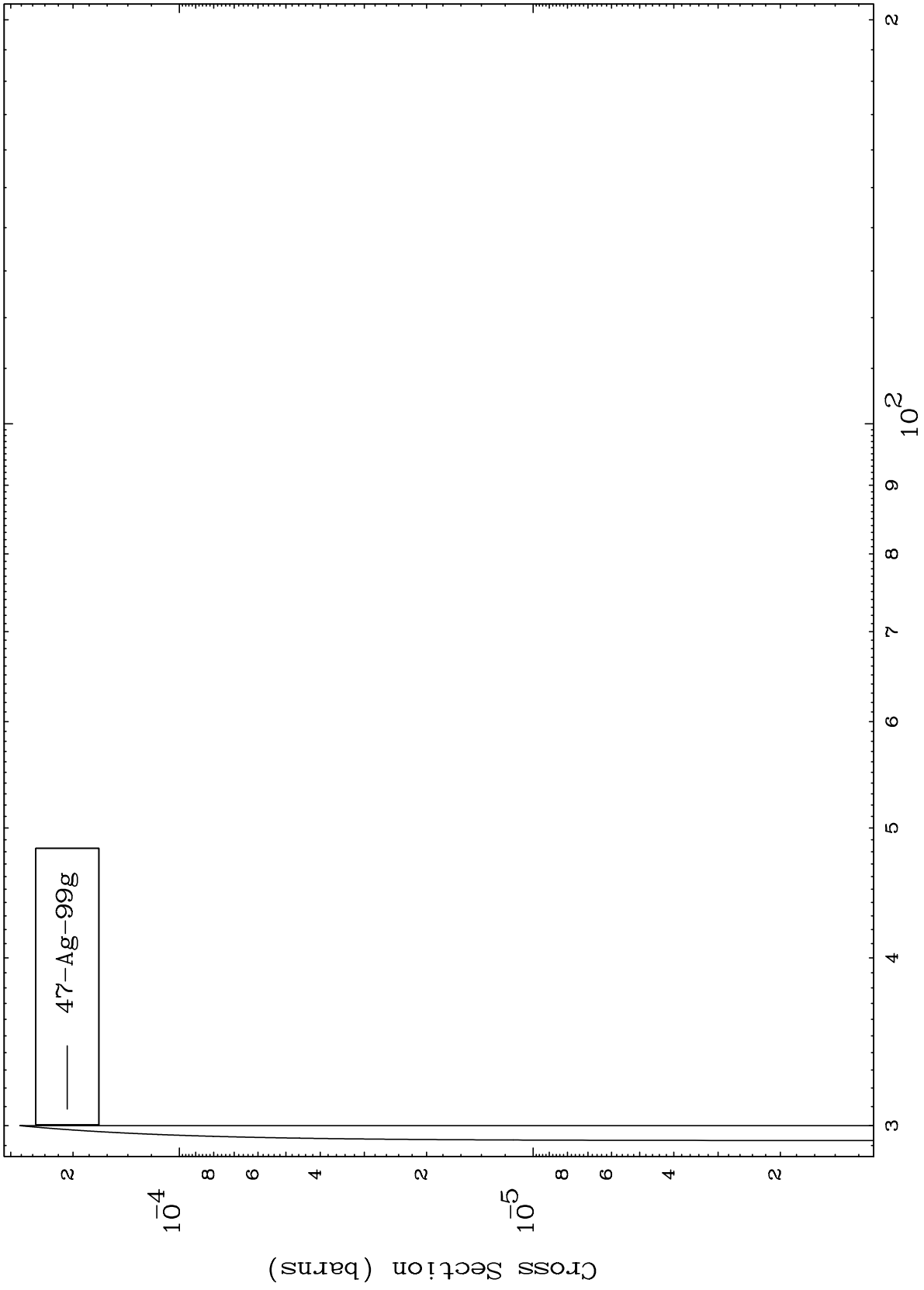
Incident Energy (MeV)

45-Rh-98

MAT 4511

45-Rh-98

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



13

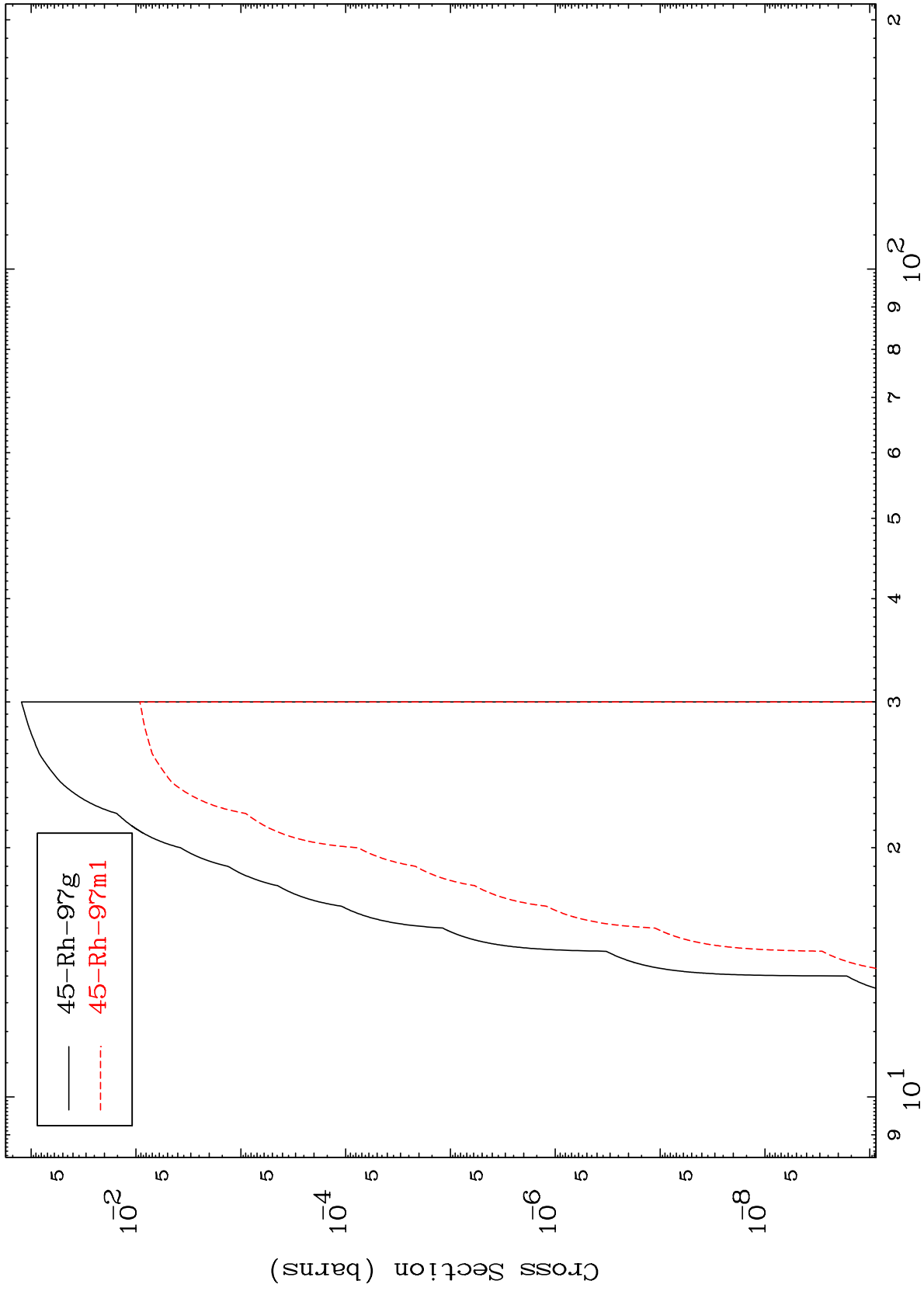
45-Rh-98

MAT 4511

(α, n') α

45-Rh-98

Radionuclide Production Cross Section



14

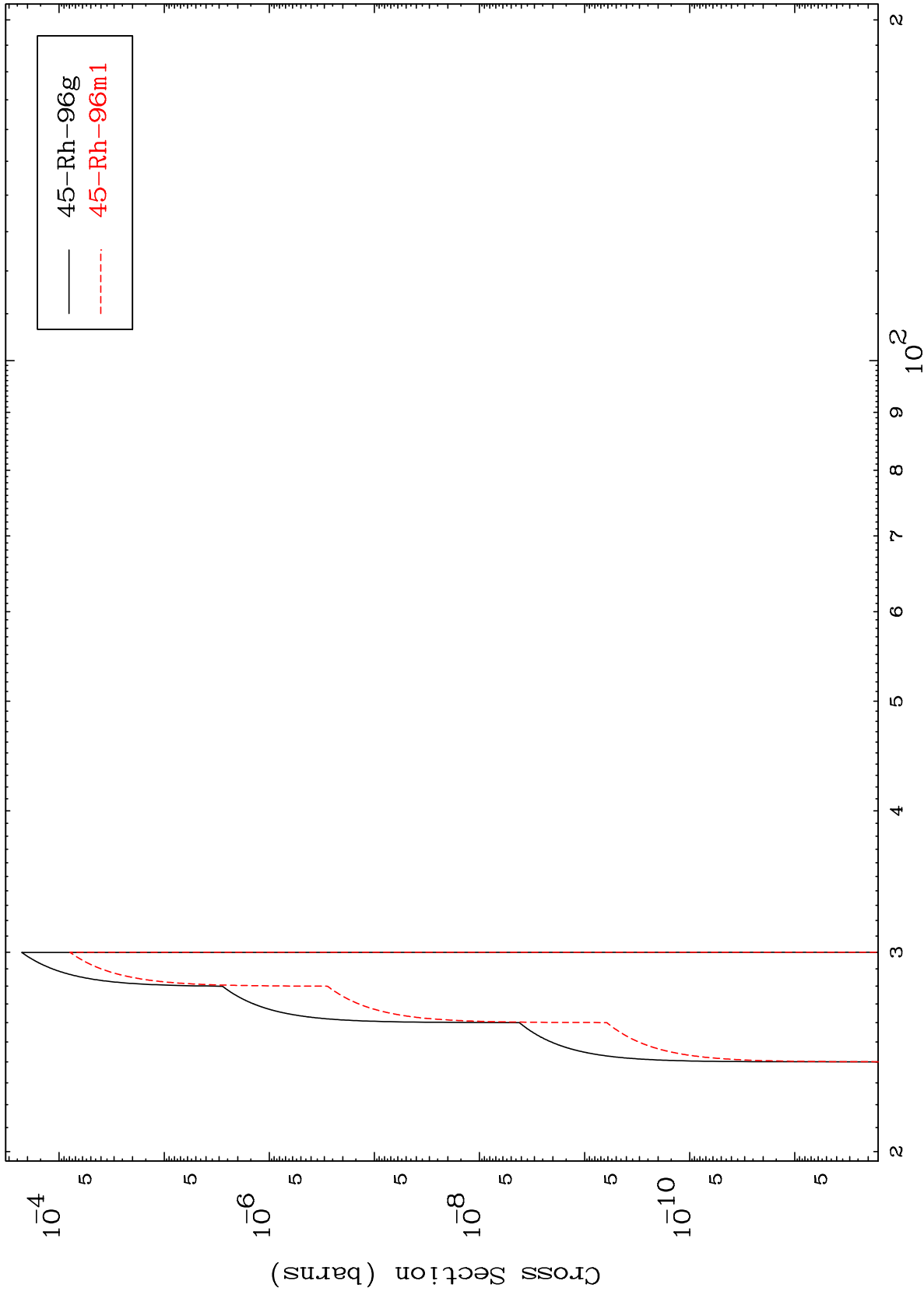
45-Rh-98

MAT 4511

($\alpha, 2n$) α

45-Rh-98

Radionuclide Production Cross Section



15

Incident Energy (MeV)

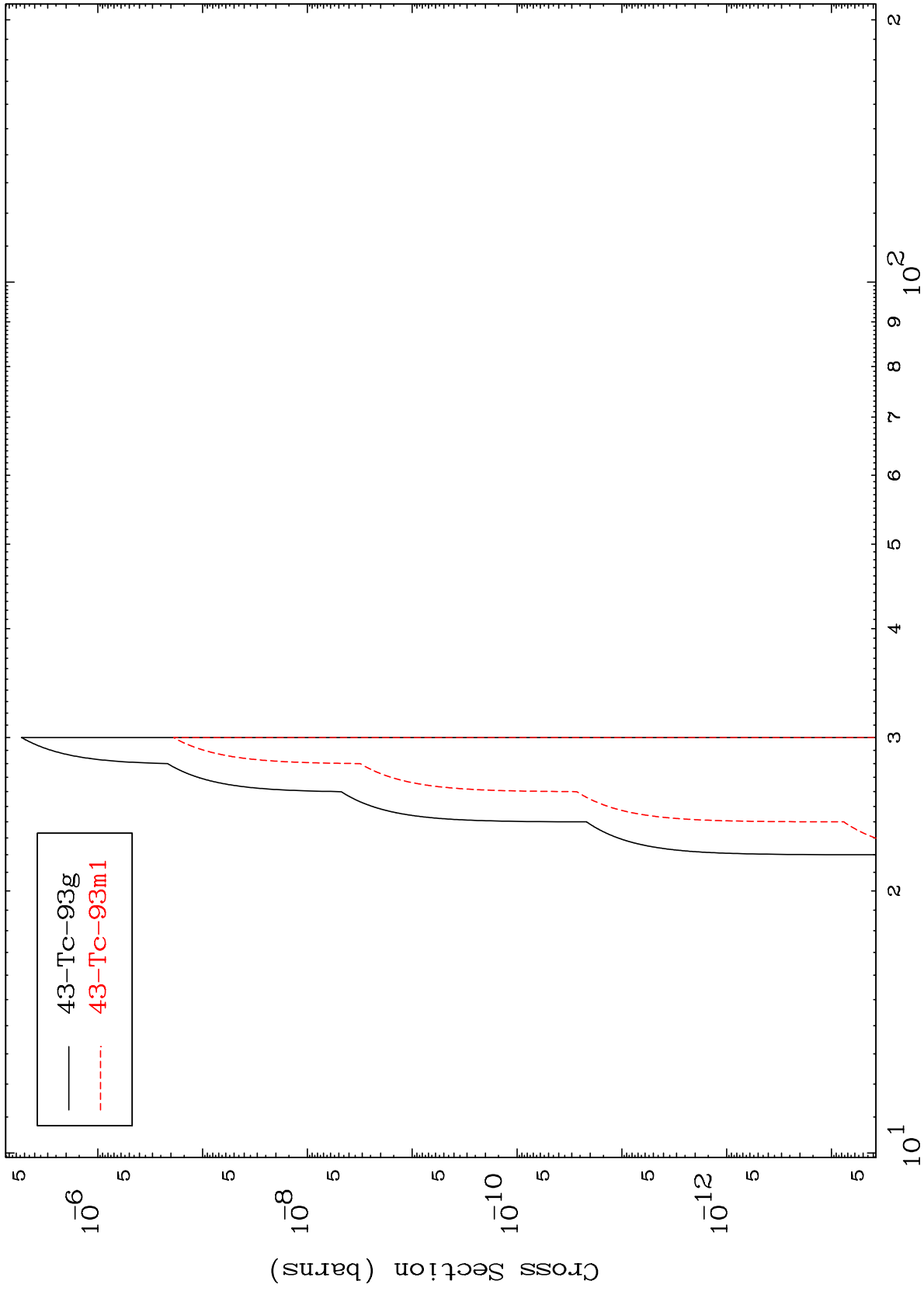
45-Rh-98

MAT 4511

(α, n') 2α

45-Rh-98

Radionuclide Production Cross Section



16

Incident Energy (MeV)

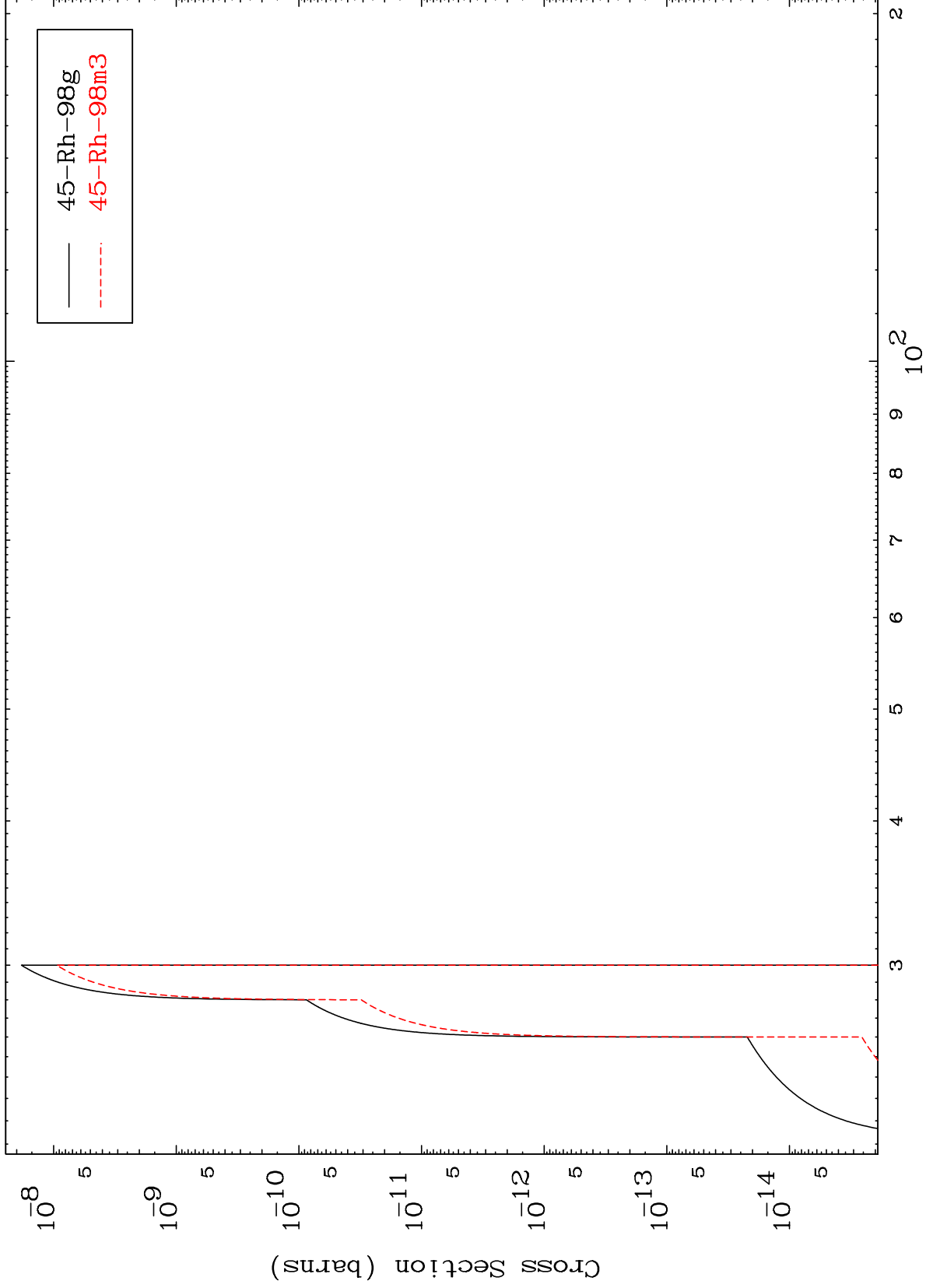
45-Rh-98

MAT 4511

(α, n') He-3

45-Rh-98

Radionuclide Production Cross Section



17

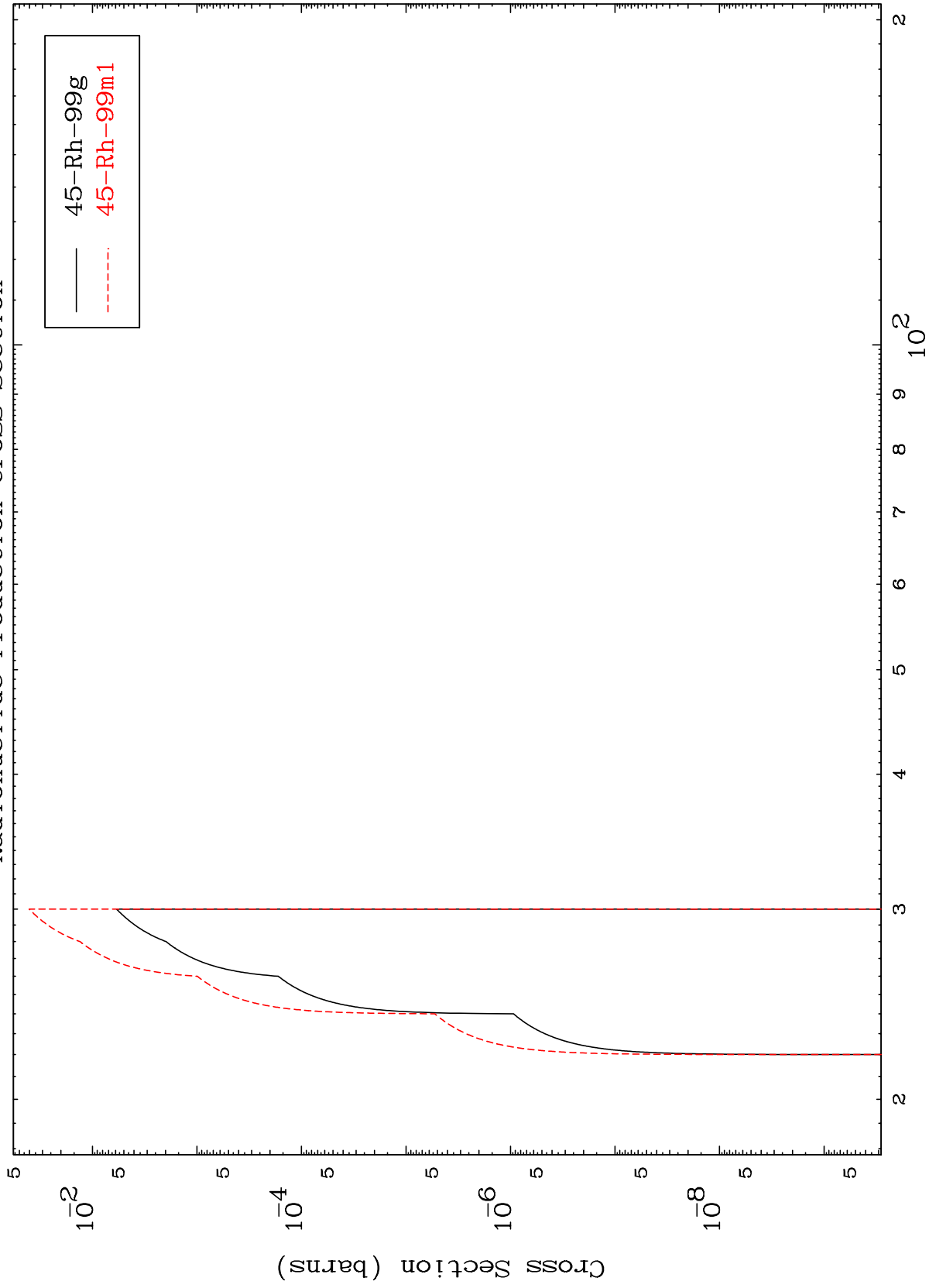
Incident Energy (MeV)

45-Rh-98

MAT 4511

45-Rh-98

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



18

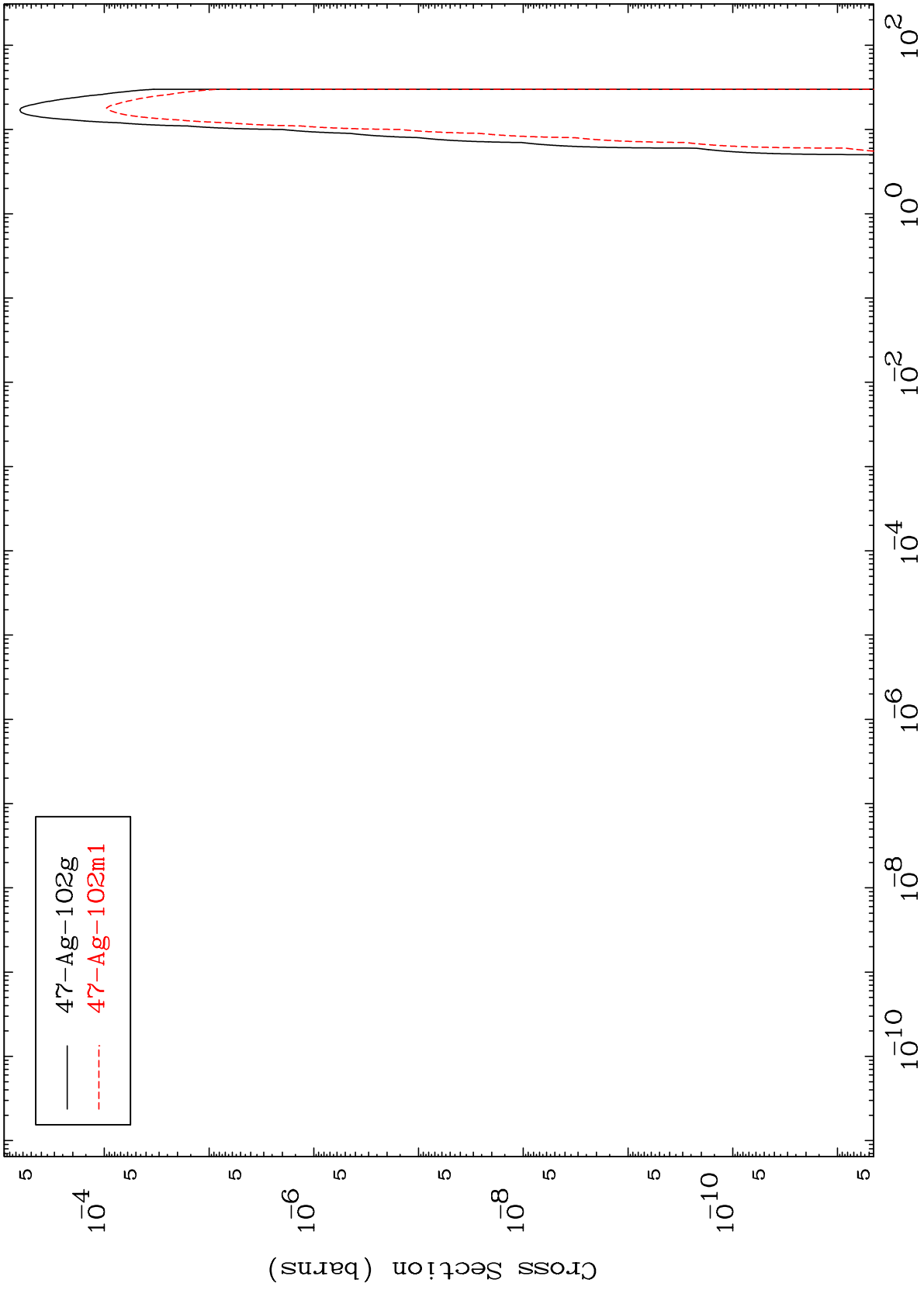
Incident Energy (MeV)

45-Rh-98

MAT 4511

Radionuclide Production Cross Section
(α, γ)

45-Rh-98



19

Incident Energy (MeV)

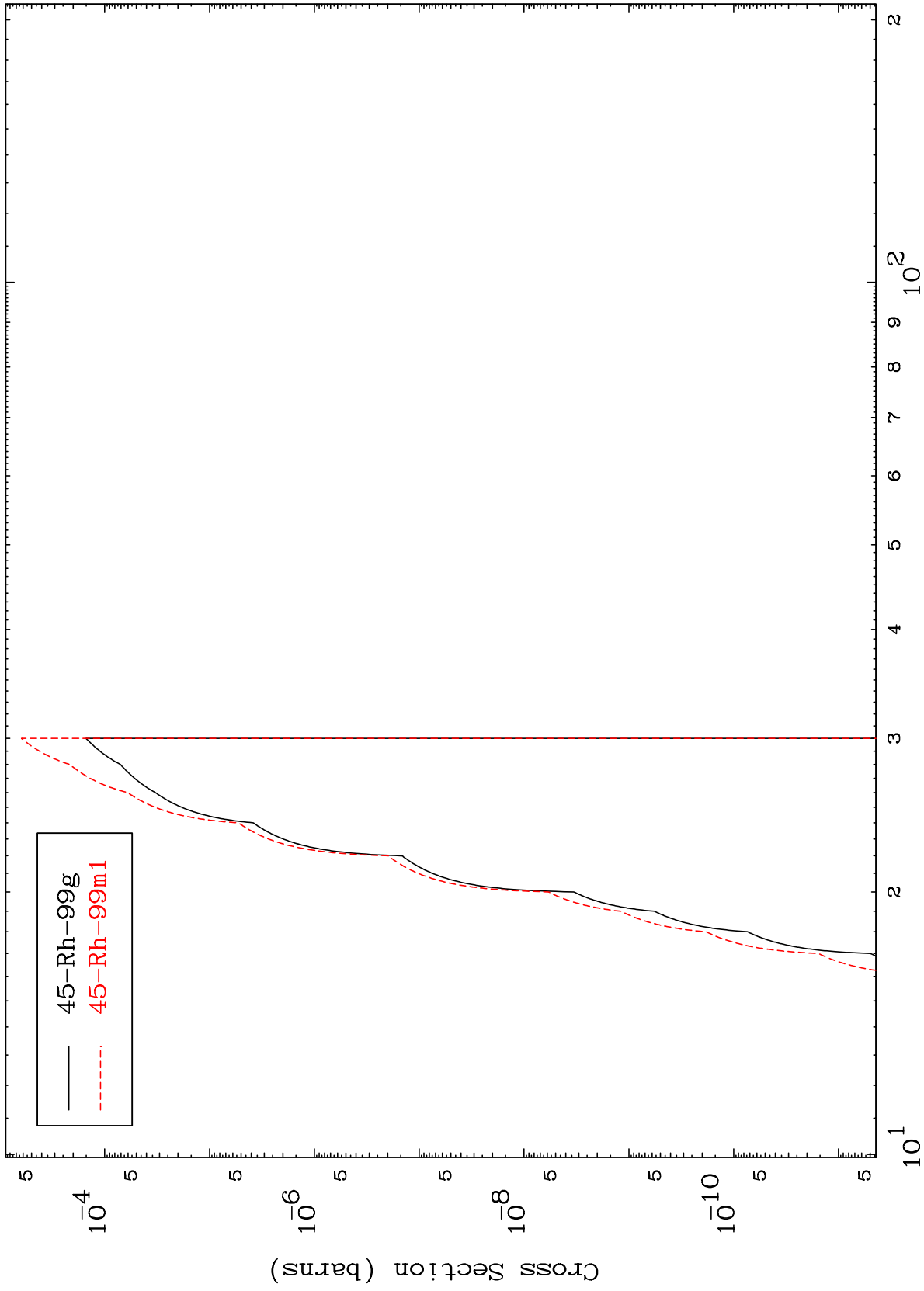
45-Rh-98

MAT 4511

($\alpha, \text{He-3}$)

45-Rh-98

Radionuclide Production Cross Section



20

Incident Energy (MeV)

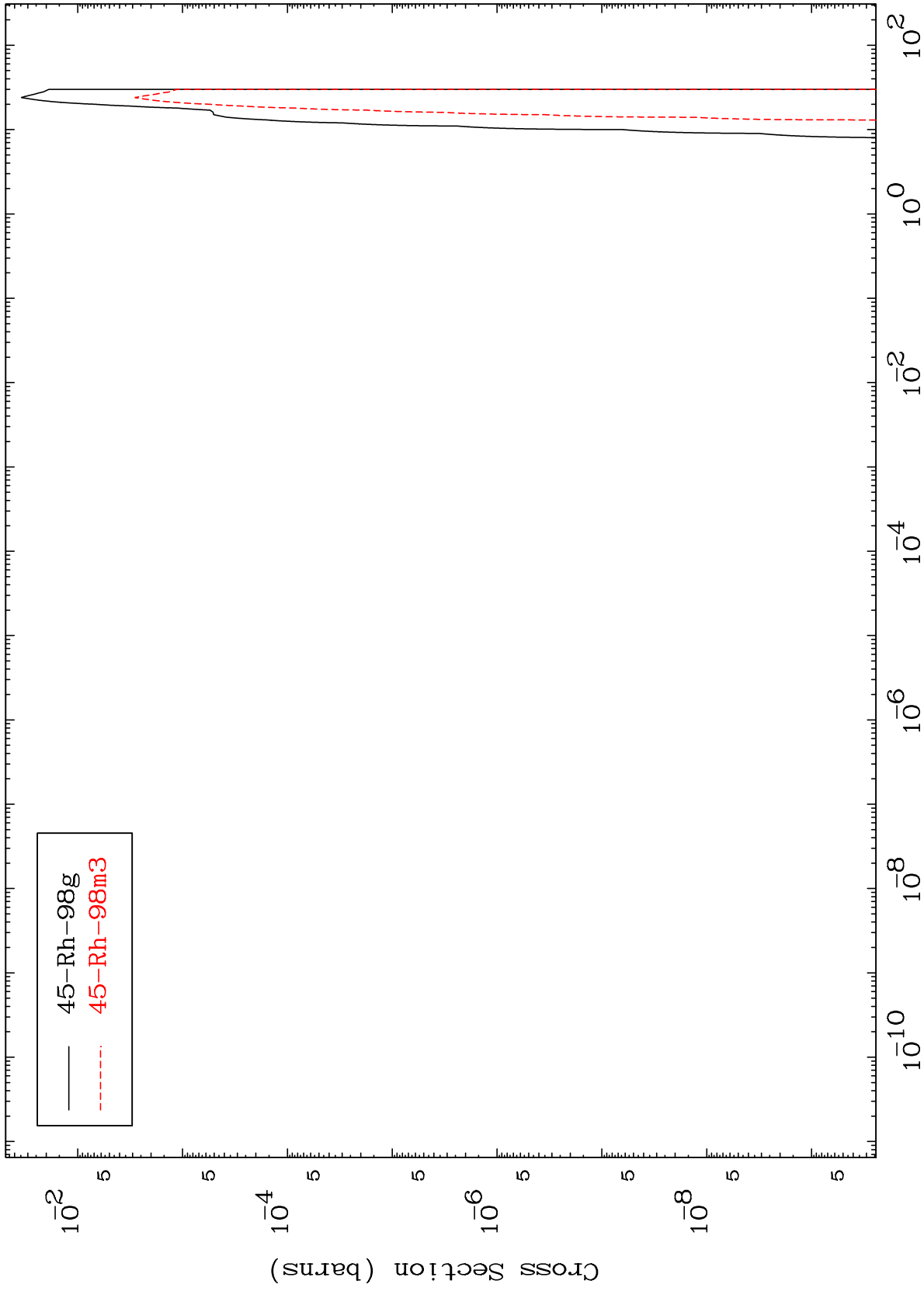
45-Rh-98

MAT 4511

(α, α)

45-Rh-98

Radionuclide Production Cross Section



21

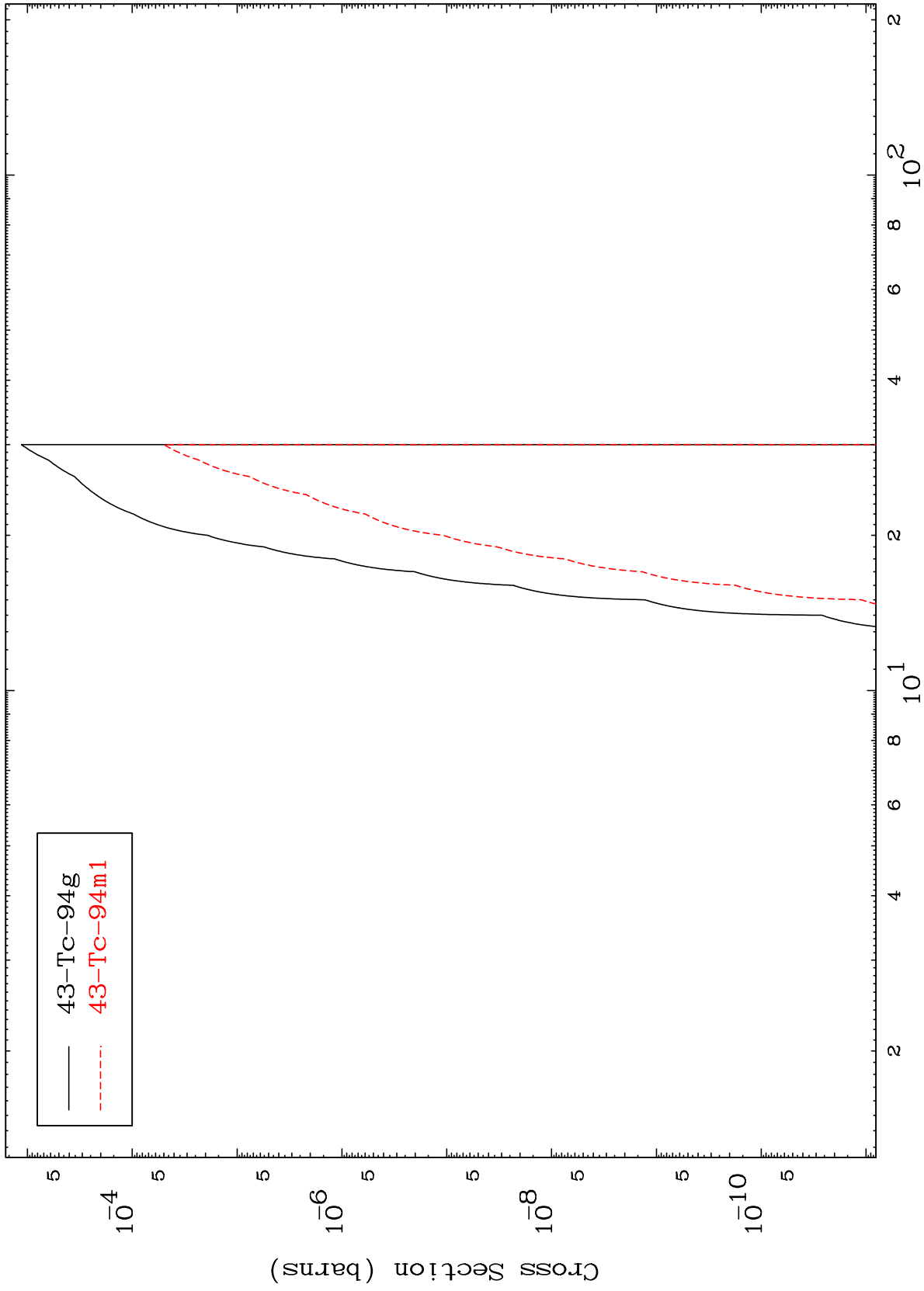
45-Rh-98

MAT 4511

($\alpha, 2\alpha$)

45-Rh-98

Radionuclide Production Cross Section



22

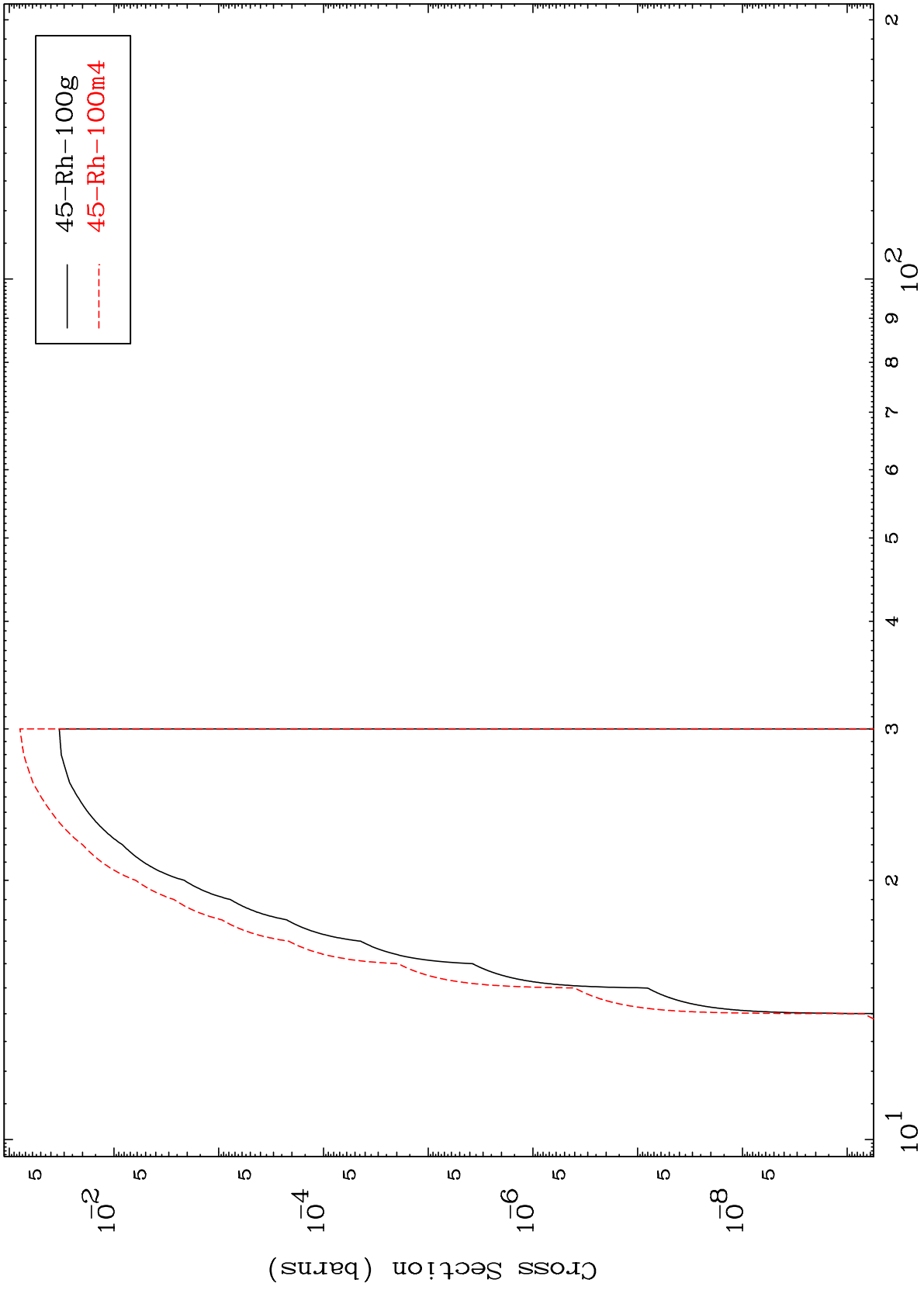
Incident Energy (MeV)

45-Rh-98

MAT 4511

45-Rh-98

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



23

Incident Energy (MeV)

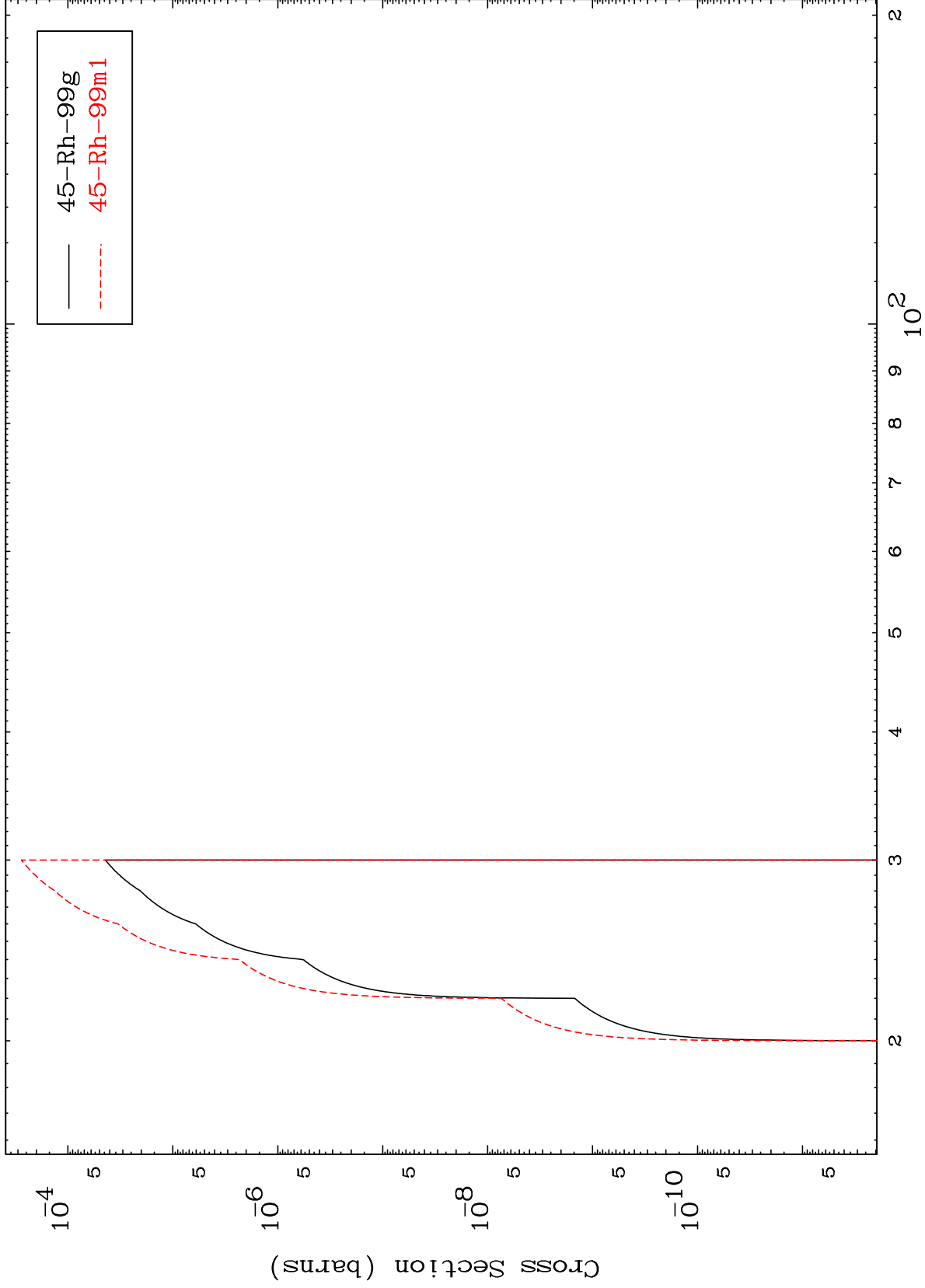
45-Rh-98

MAT 4511

(α, p) d

45-Rh-98

Radionuclide Production Cross Section



24

Incident Energy (MeV)

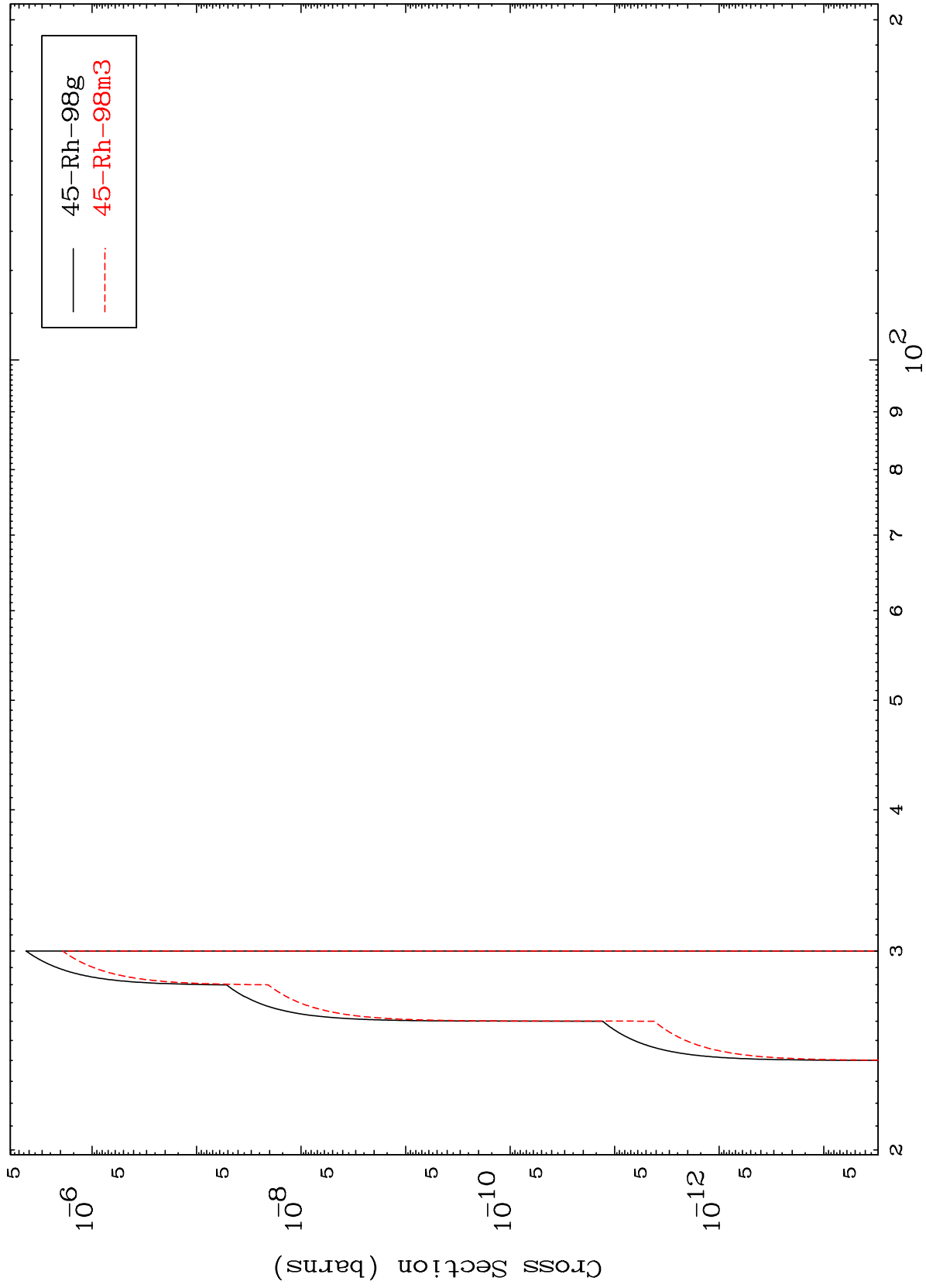
45-Rh-98

MAT 4511

(α, p) t

45-Rh-98

Radionuclide Production Cross Section



25

Incident Energy (MeV)

45-Rh-98