

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

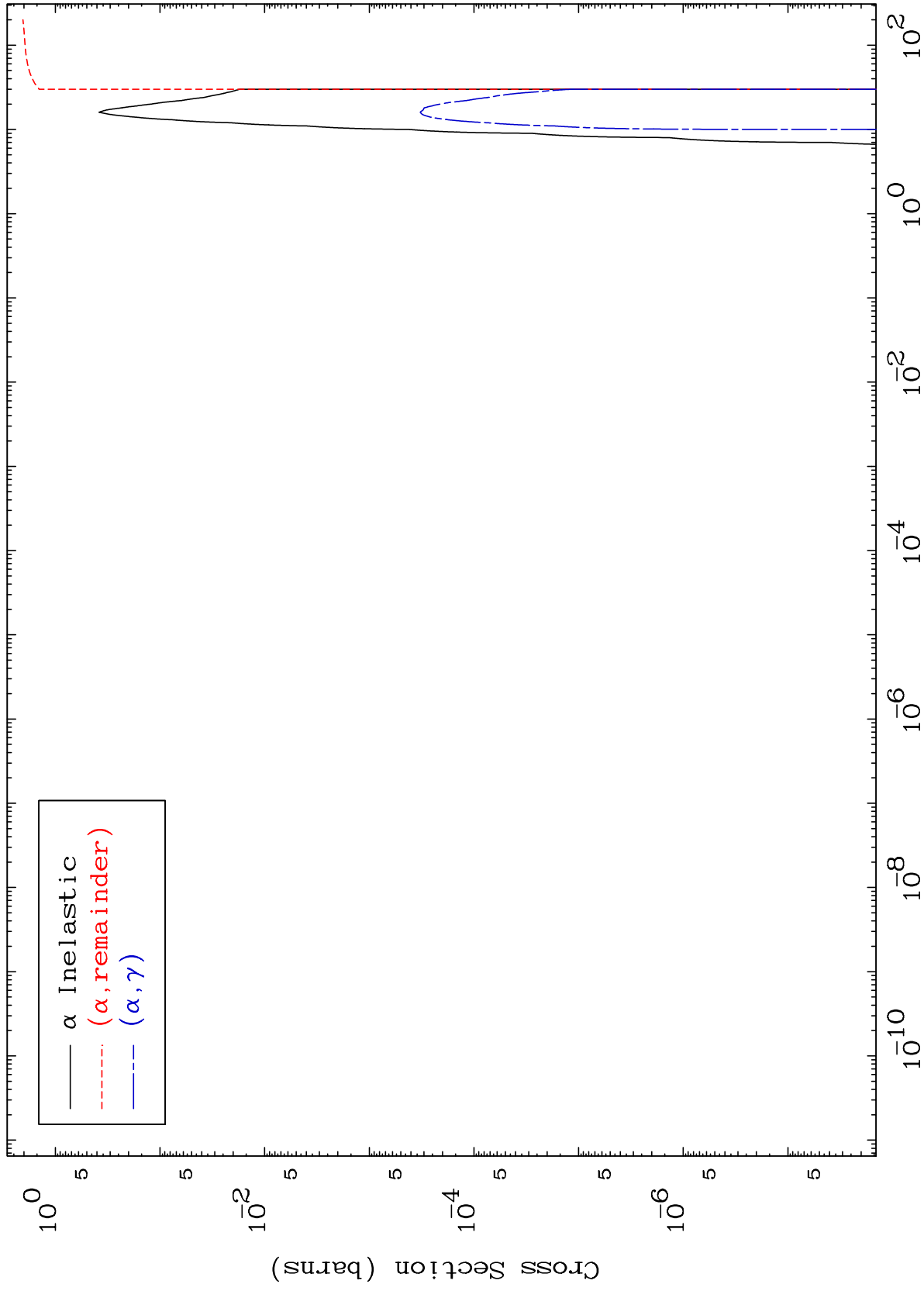
Press Mouse Button to Start

MAT 4523

α Major

45-Rh-102

0 Kelvin Cross Sections



1

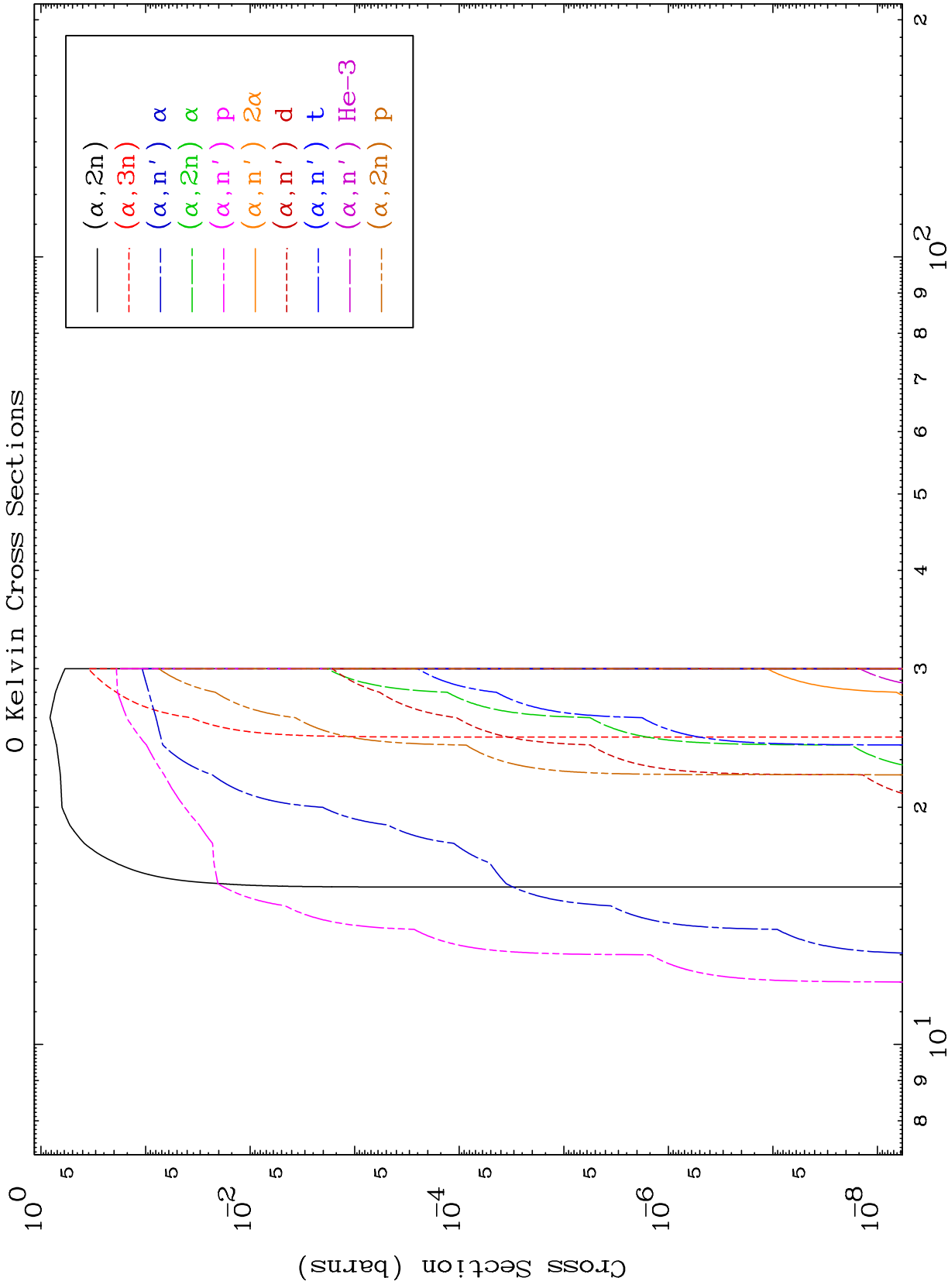
Incident Energy (MeV)

45-Rh-102

MAT 4523

α Neutron Production
0 Kelvin Cross Sections

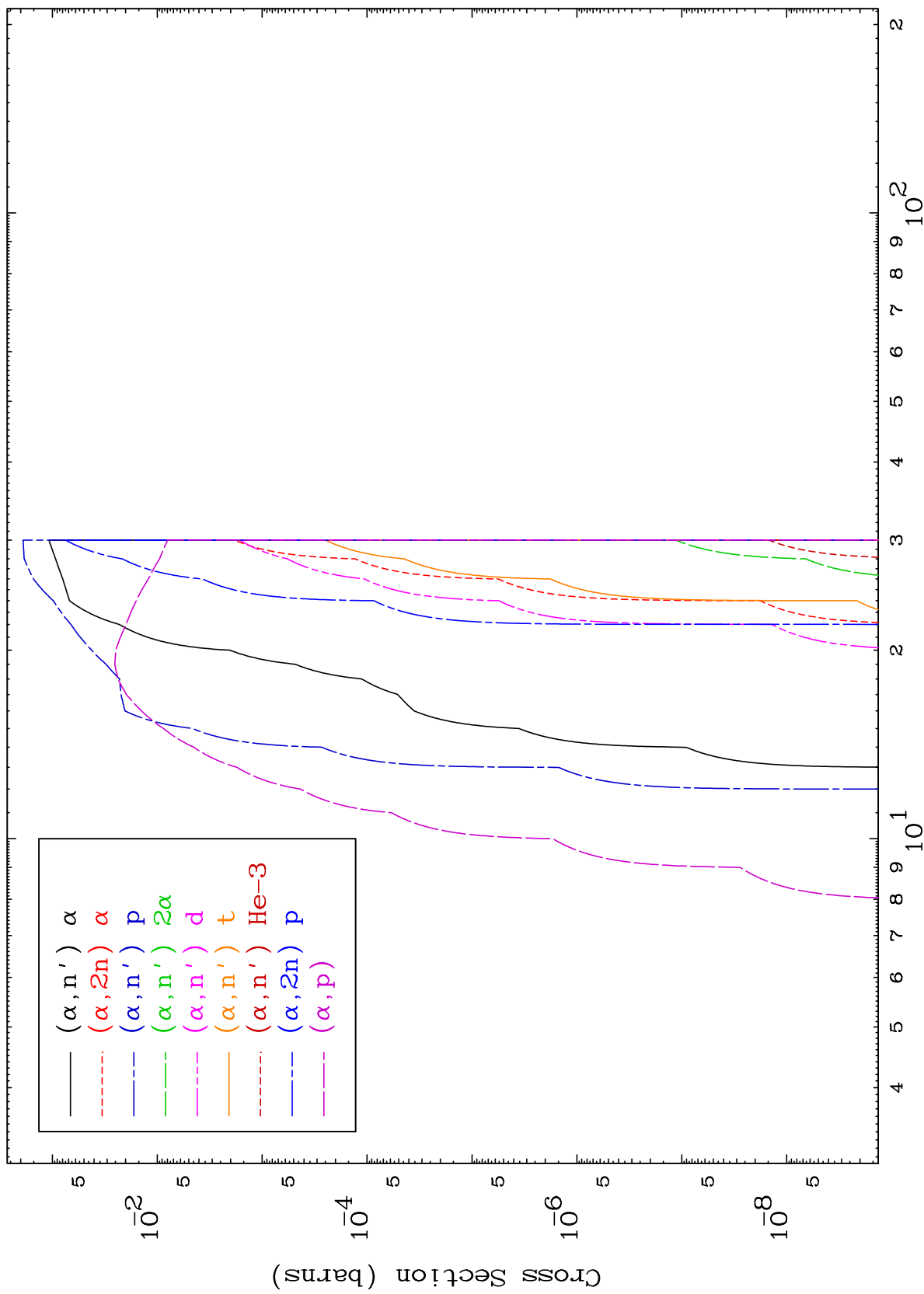
45-Rh-102



2

Incident Energy (MeV)

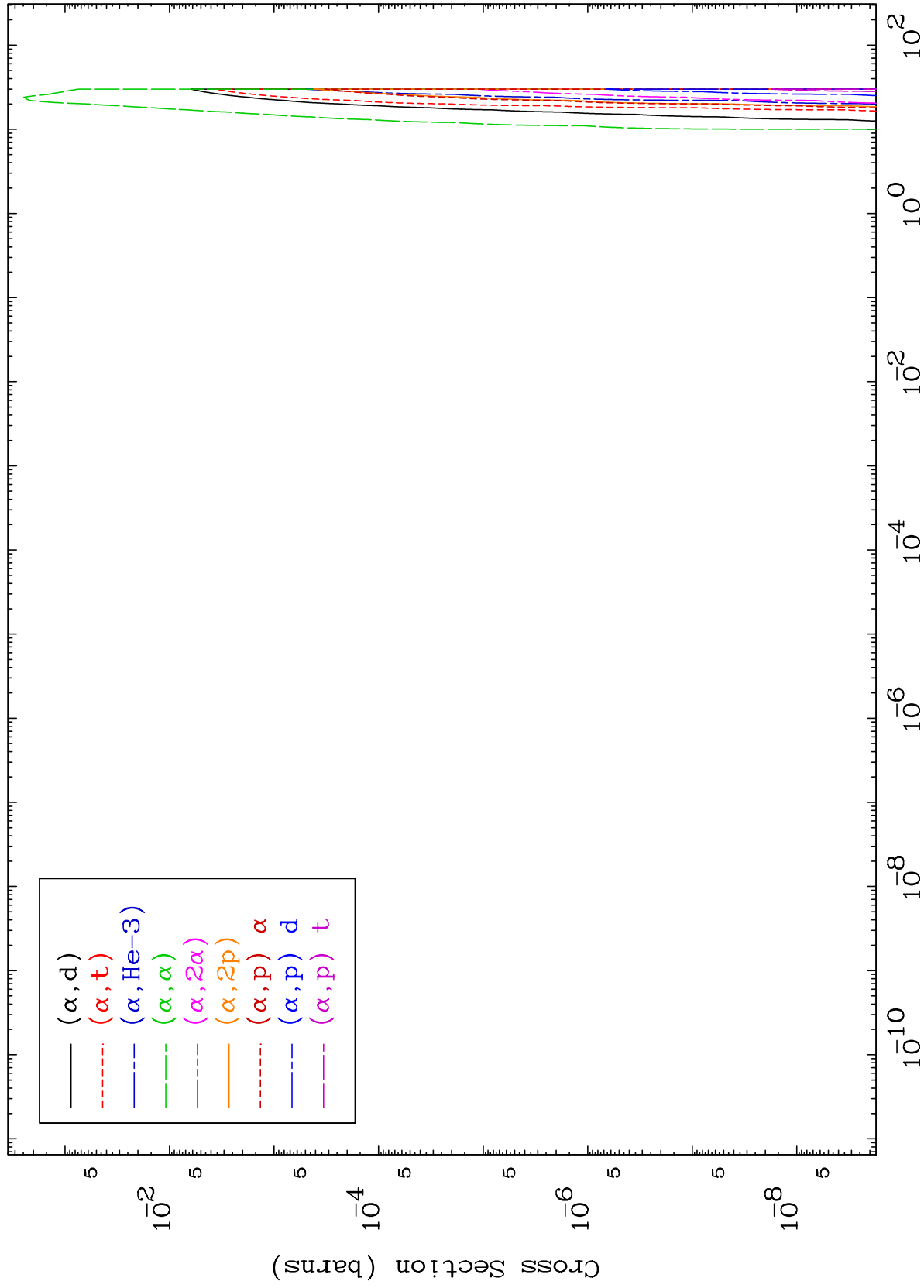
45-Rh-102



MAT 4523

α Charged Particle
0 Kelvin Cross Sections

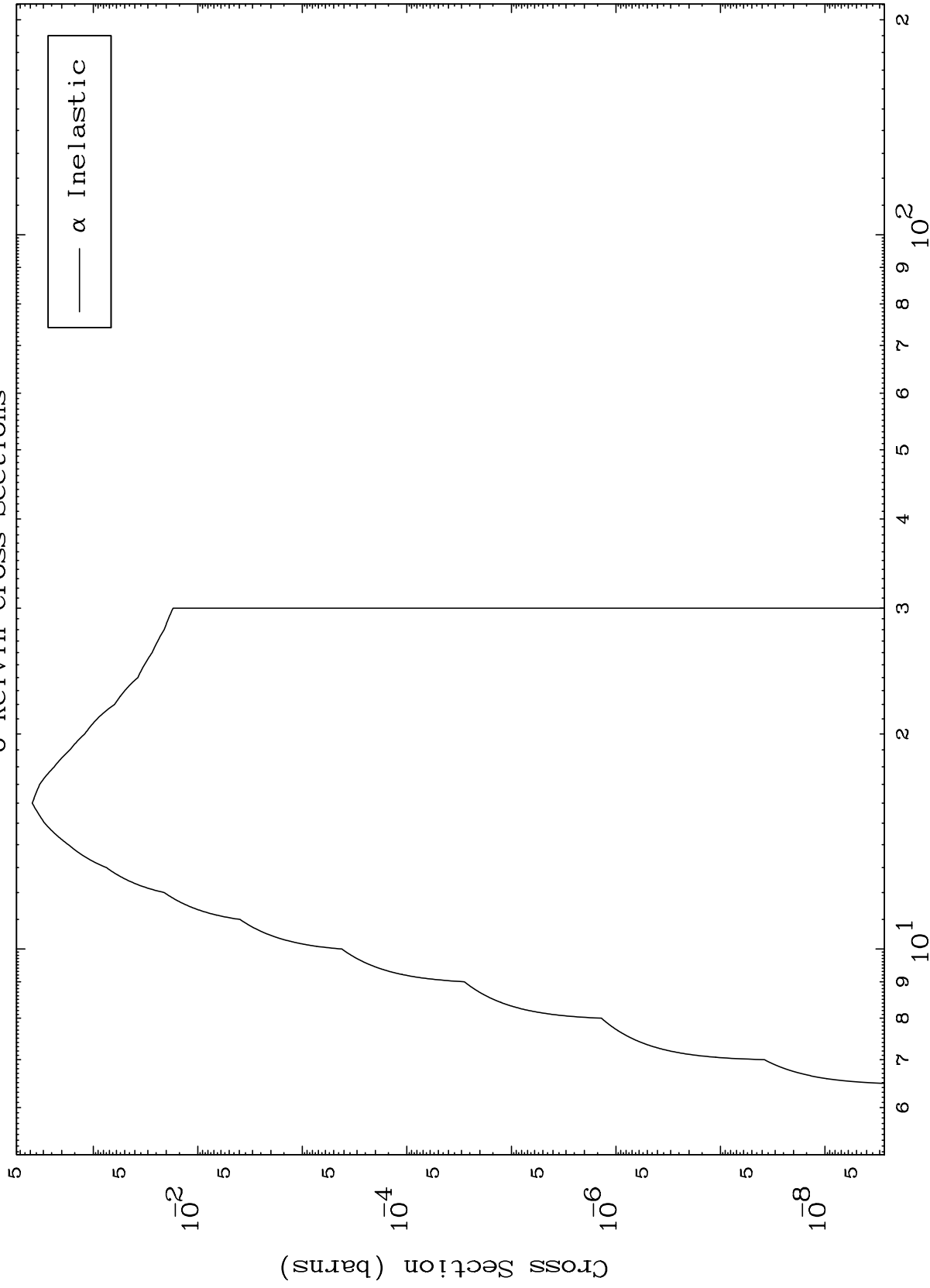
45-Rh-102



MAT 4523

(α, n') Level
0 Kelvin Cross Sections

45-Rh-102



5

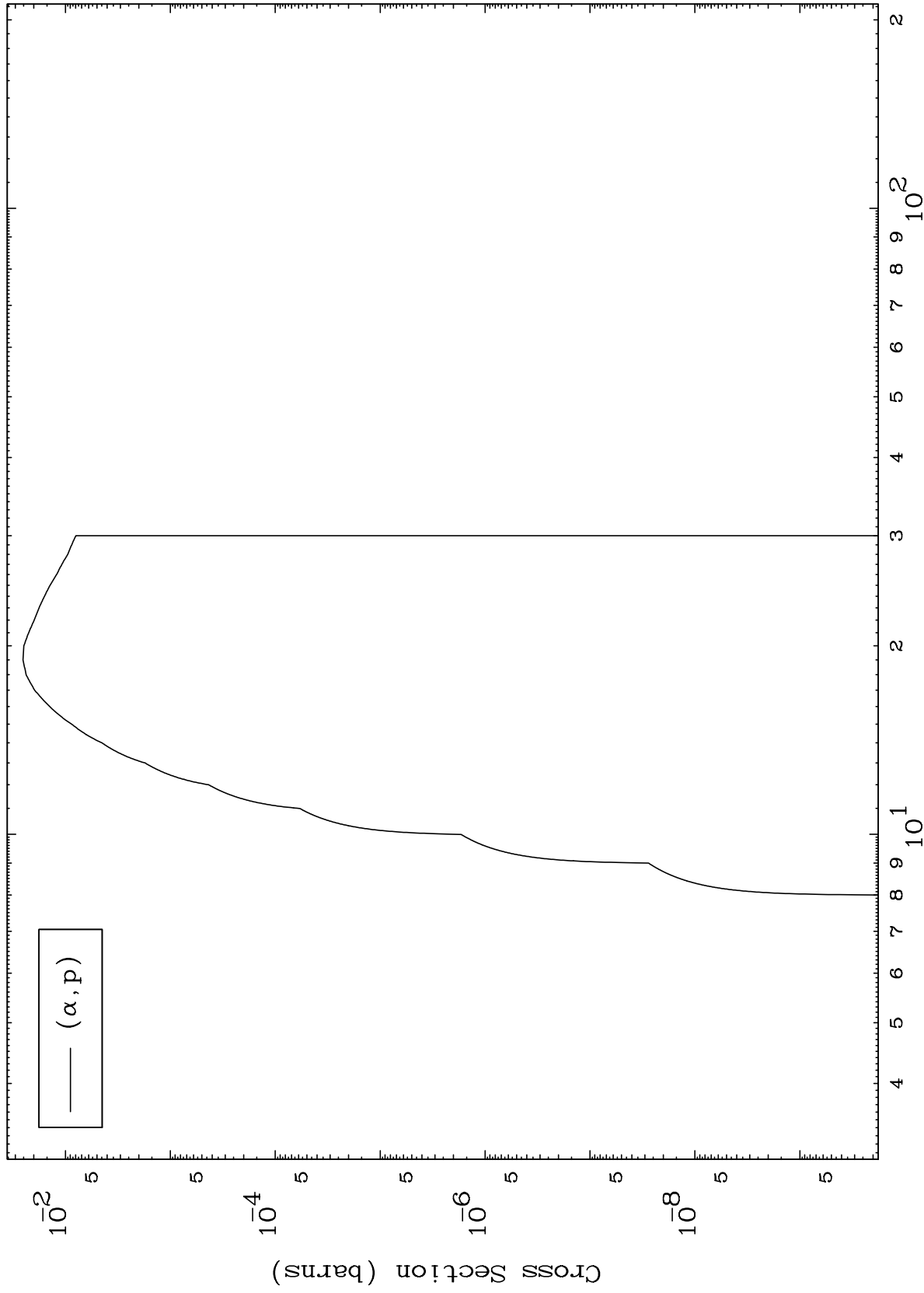
Incident Energy (MeV)

45-Rh-102

MAT 4523

45-Rh-102

(α, p) Levels
0 Kelvin Cross Sections



6

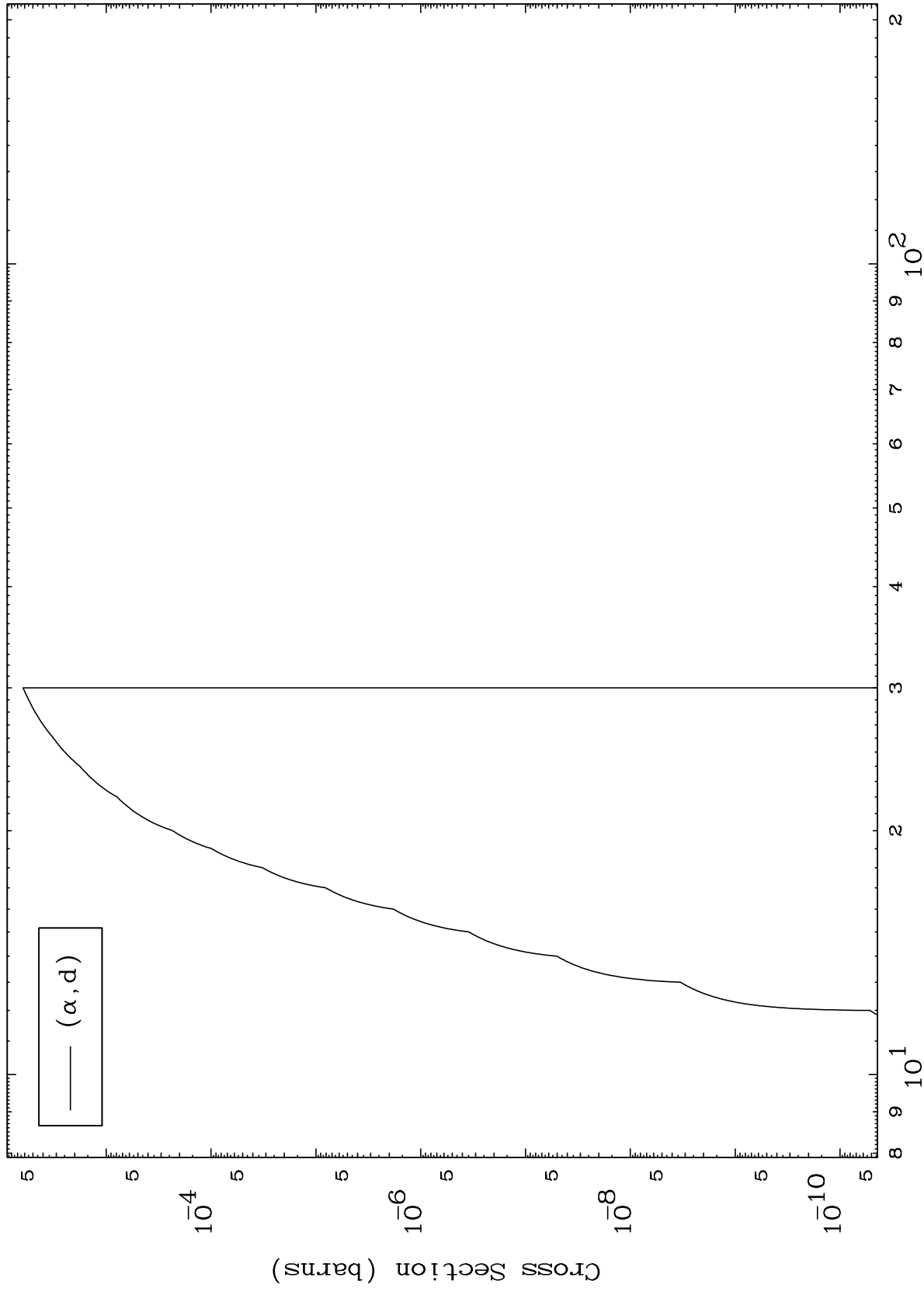
Incident Energy (MeV)

45-Rh-102

MAT 4523

(α ,d) Levels
0 Kelvin Cross Sections

45-Rh-102



7

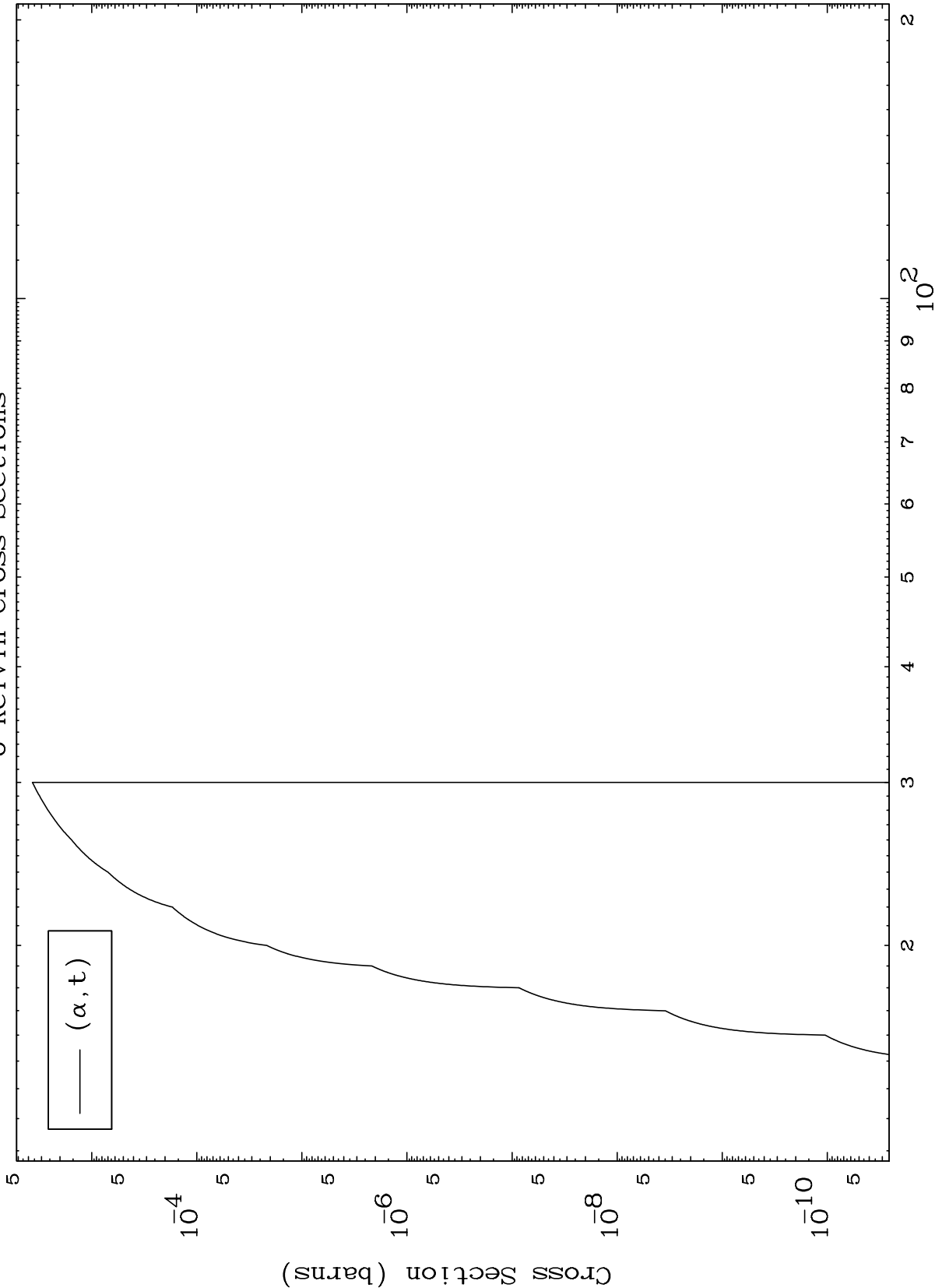
Incident Energy (MeV)

45-Rh-102

MAT 4523

(α, t) Levels
0 Kelvin Cross Sections

45-Rh-102



45-Rh-102

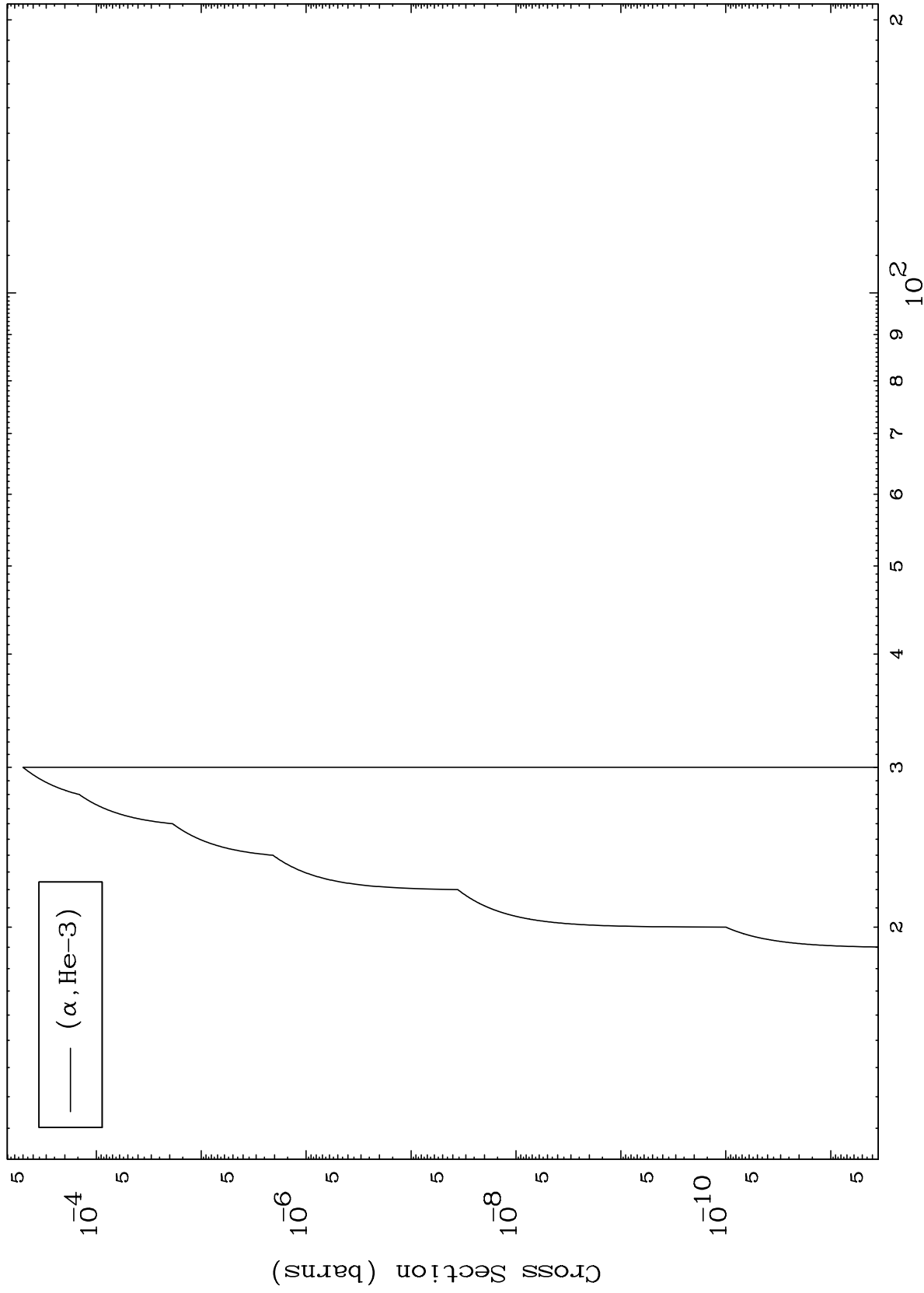
Incident Energy (MeV)

8

MAT 4523

(α ,He3) Levels
0 Kelvin Cross Sections

45-Rh-102



9

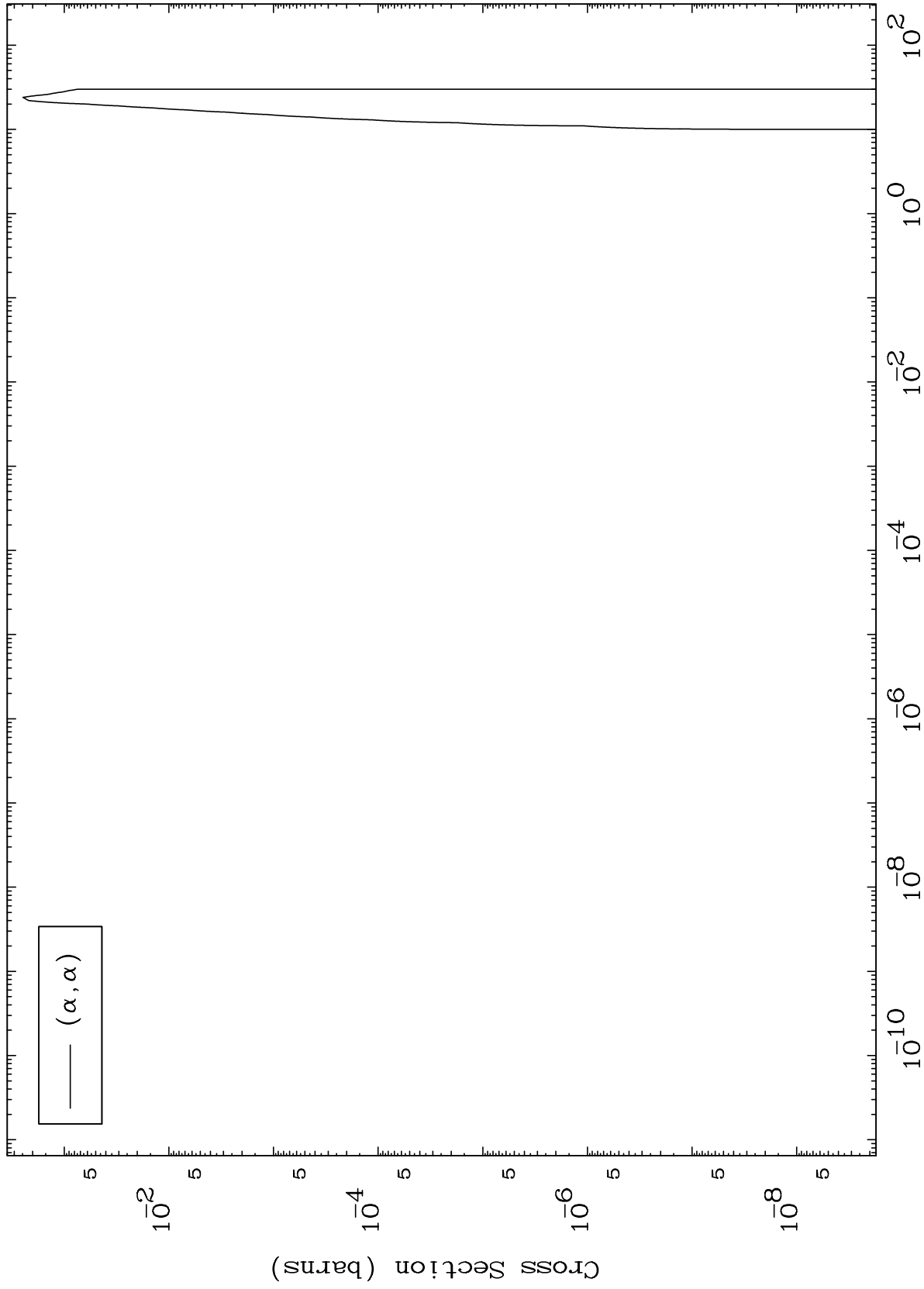
Incident Energy (MeV)

45-Rh-102

MAT 4523

(α, α) Levels
0 Kelvin Cross Sections

45-Rh-102



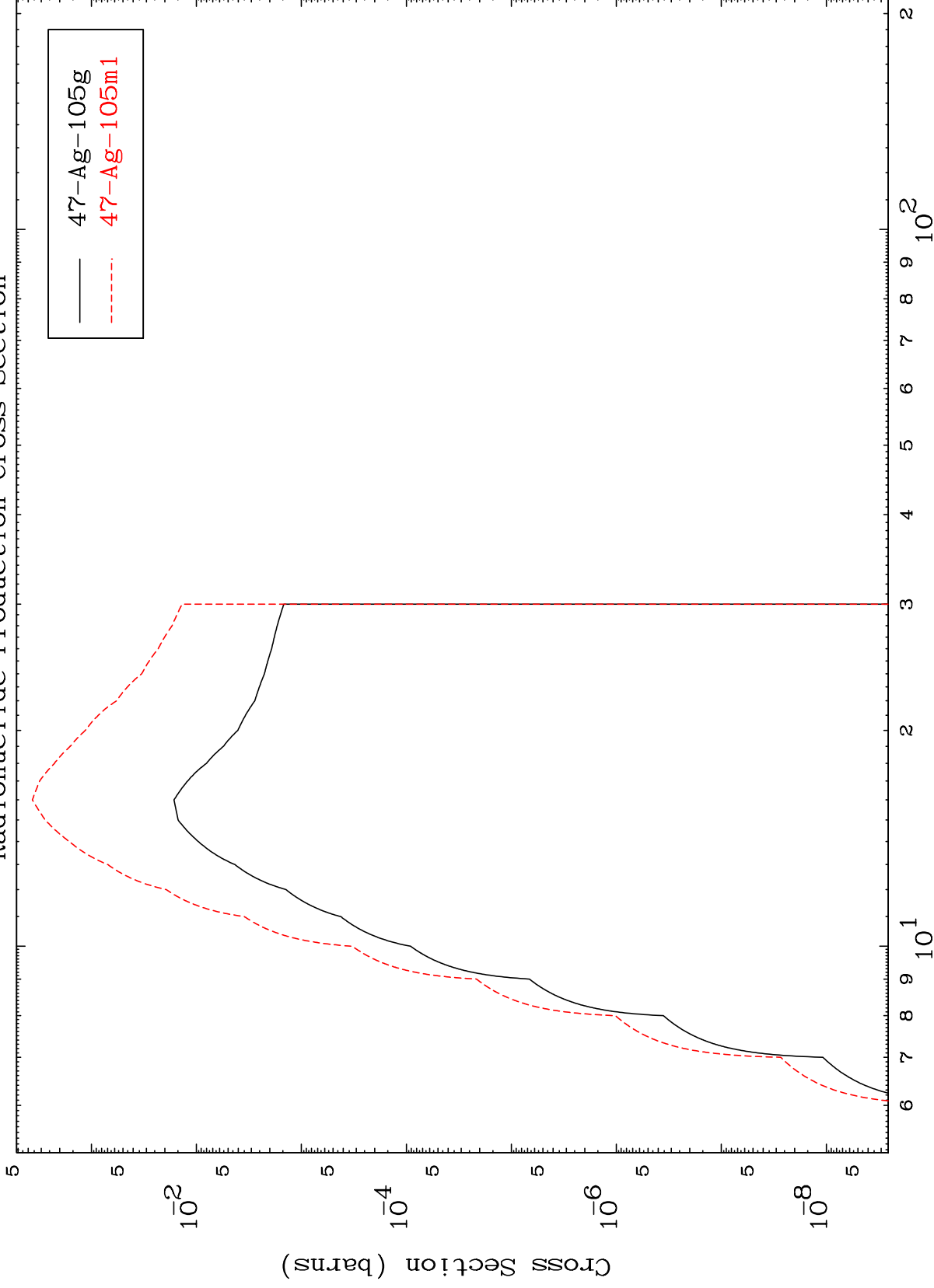
Incident Energy (MeV)

45-Rh-102

MAT 4523

α Inelastic
Radionuclide Production Cross Section

45-Rh-102



11

Incident Energy (MeV)

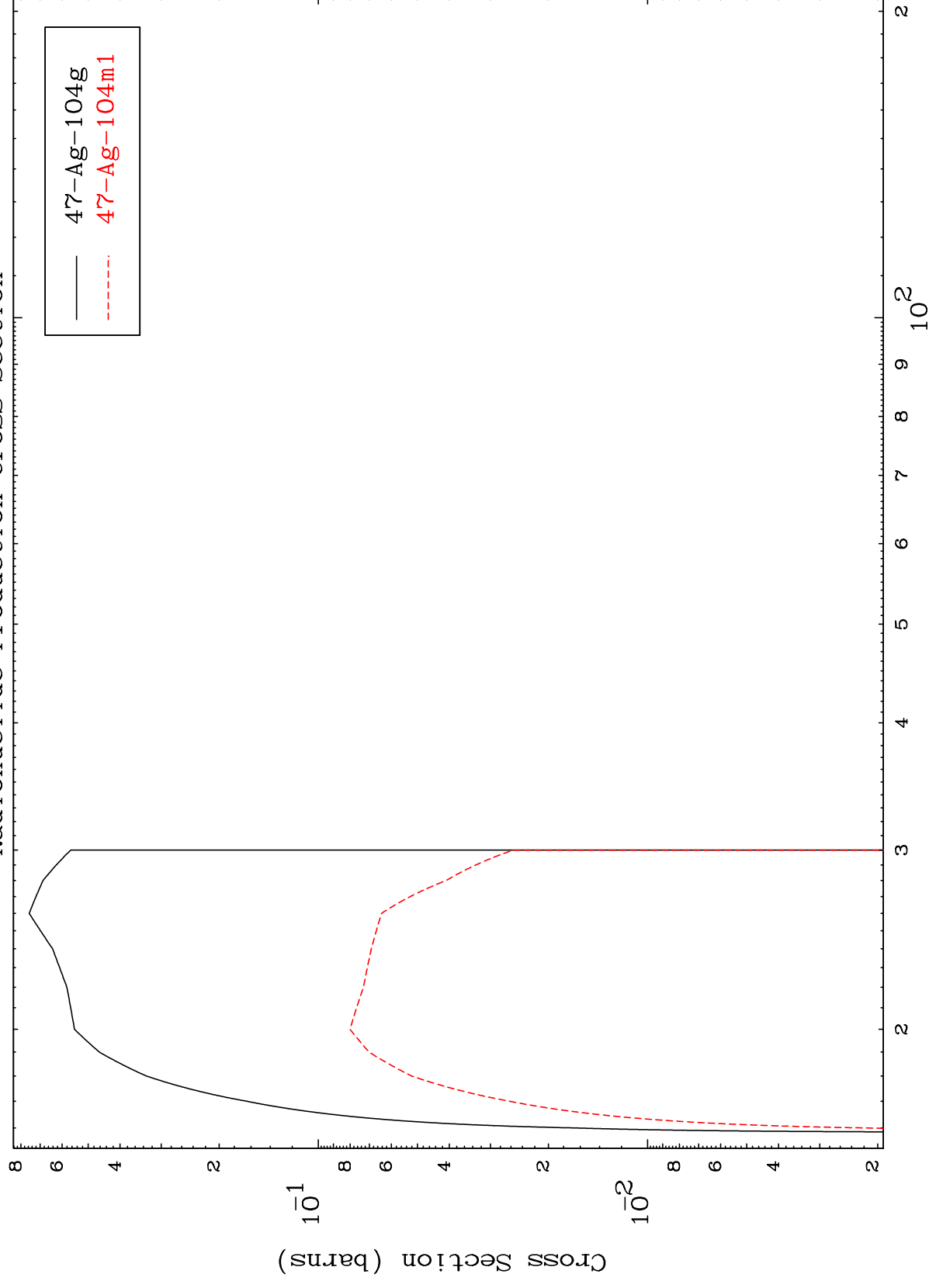
45-Rh-102

MAT 4523

 $(\alpha, 2n)$

45-Rh-102

Radionuclide Production Cross Section



12

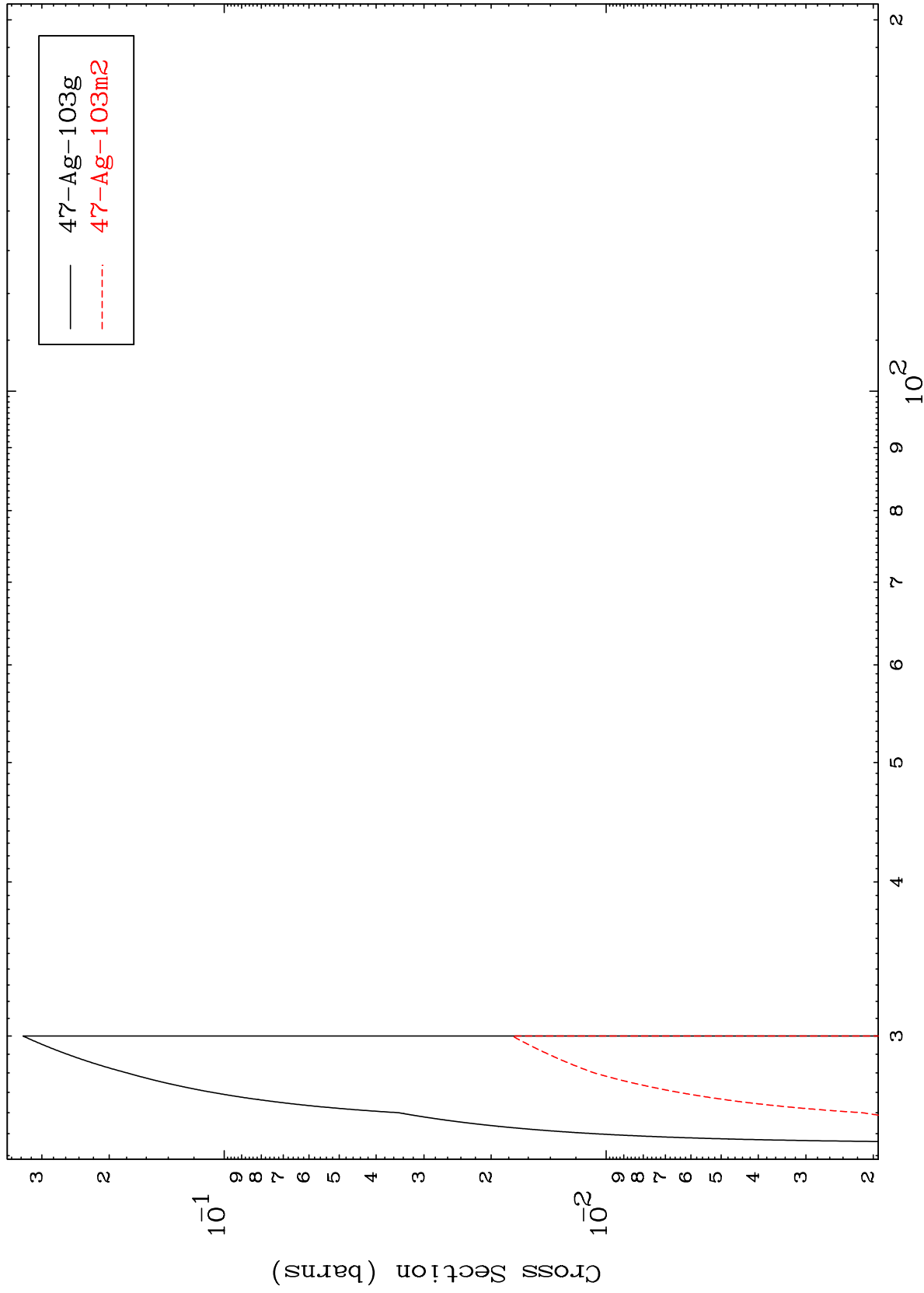
Incident Energy (MeV)

45-Rh-102

MAT 4523

45-Rh-102

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



13

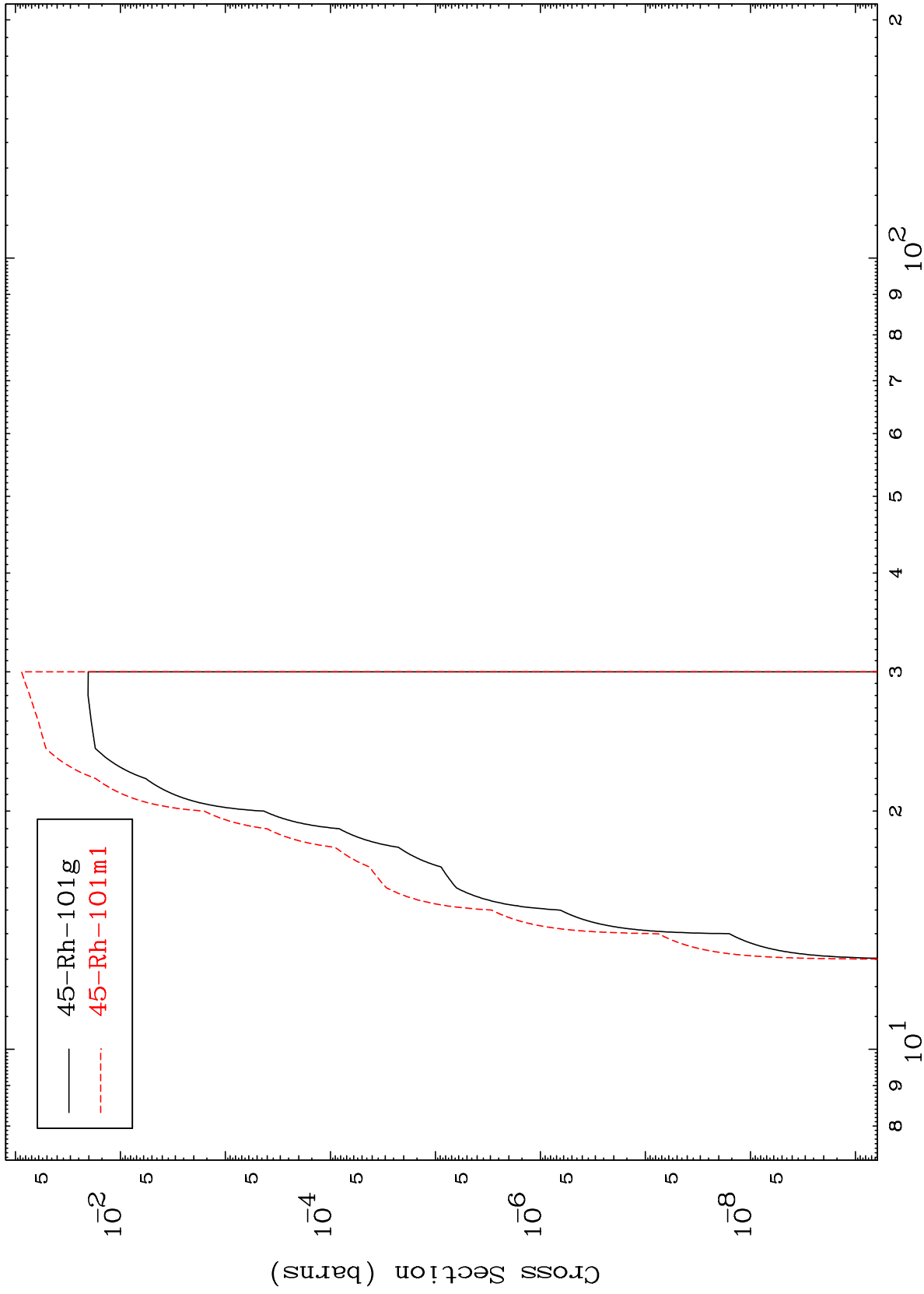
Incident Energy (MeV)

45-Rh-102

MAT 4523

45-Rh-102

(α, n') α
Radionuclide Production Cross Section



14

Incident Energy (MeV)

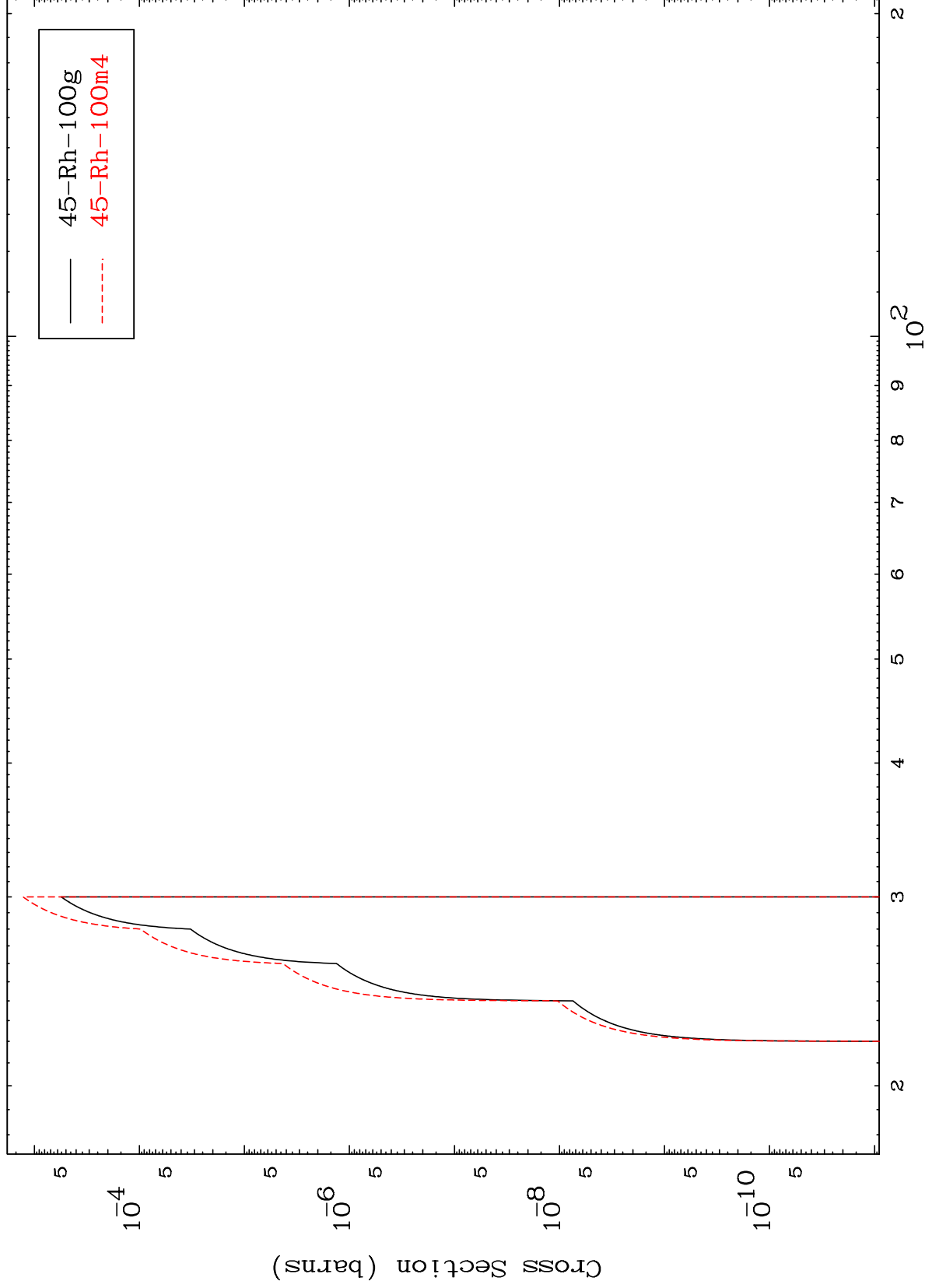
45-Rh-102

MAT 4523

$(\alpha, 2n) \alpha$

45-Rh-102

Radionuclide Production Cross Section



15

Incident Energy (MeV)

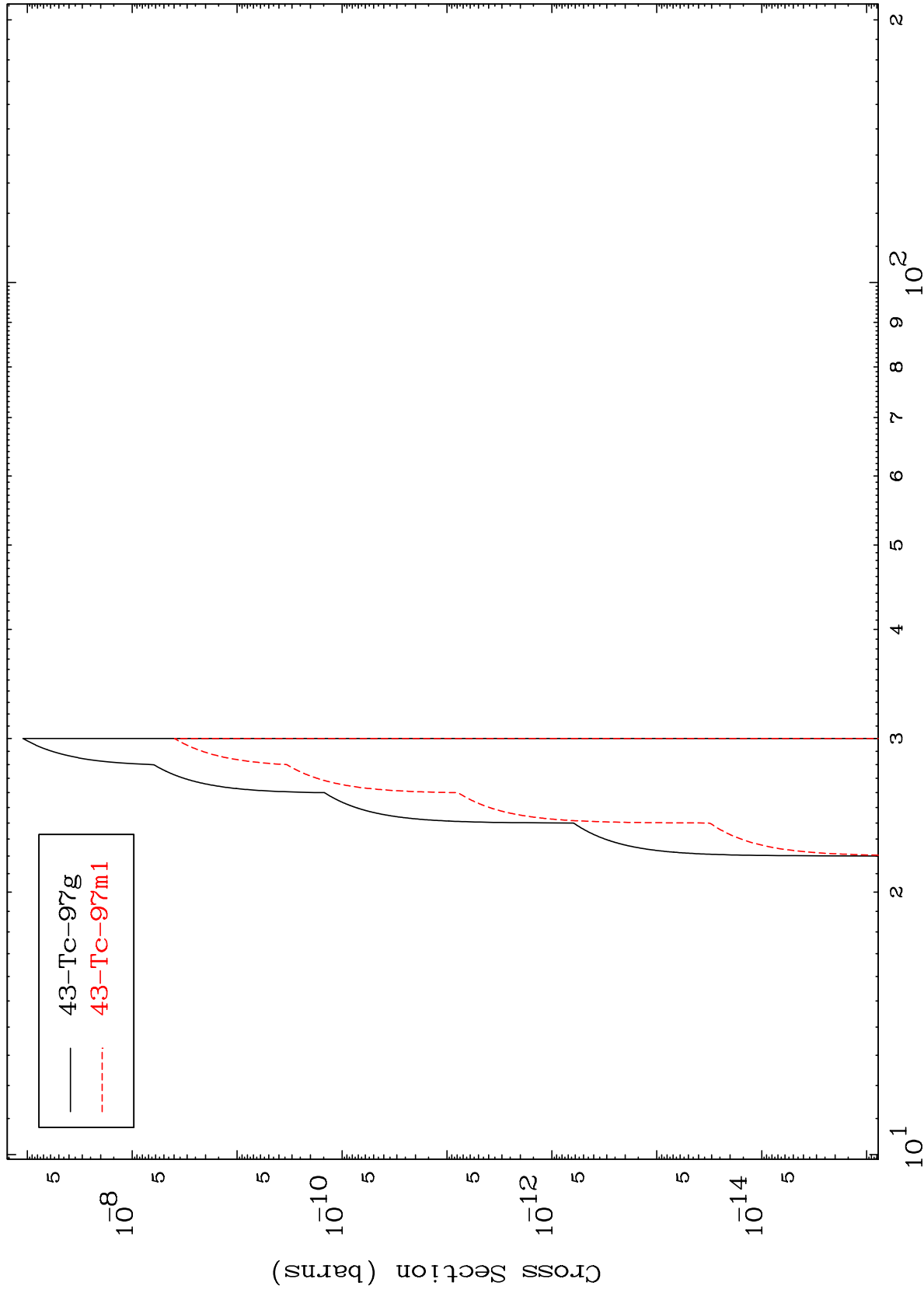
45-Rh-102

MAT 4523

(α, n') 2α

45-Rh-102

Radionuclide Production Cross Section



Incident Energy (MeV)

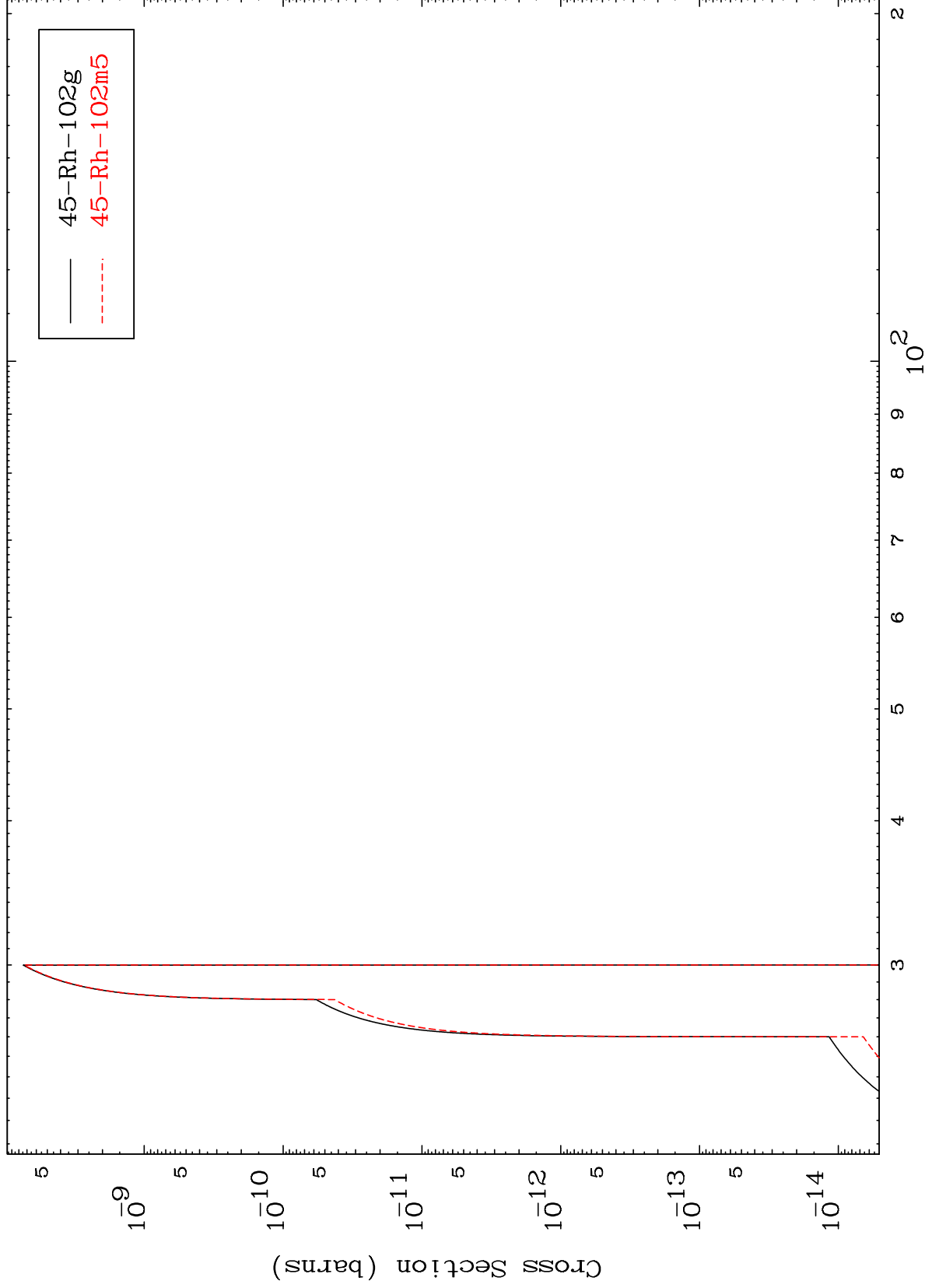
45-Rh-102

MAT 4523

(α, n') He-3

45-Rh-102

Radionuclide Production Cross Section



17

Incident Energy (MeV)

10^2

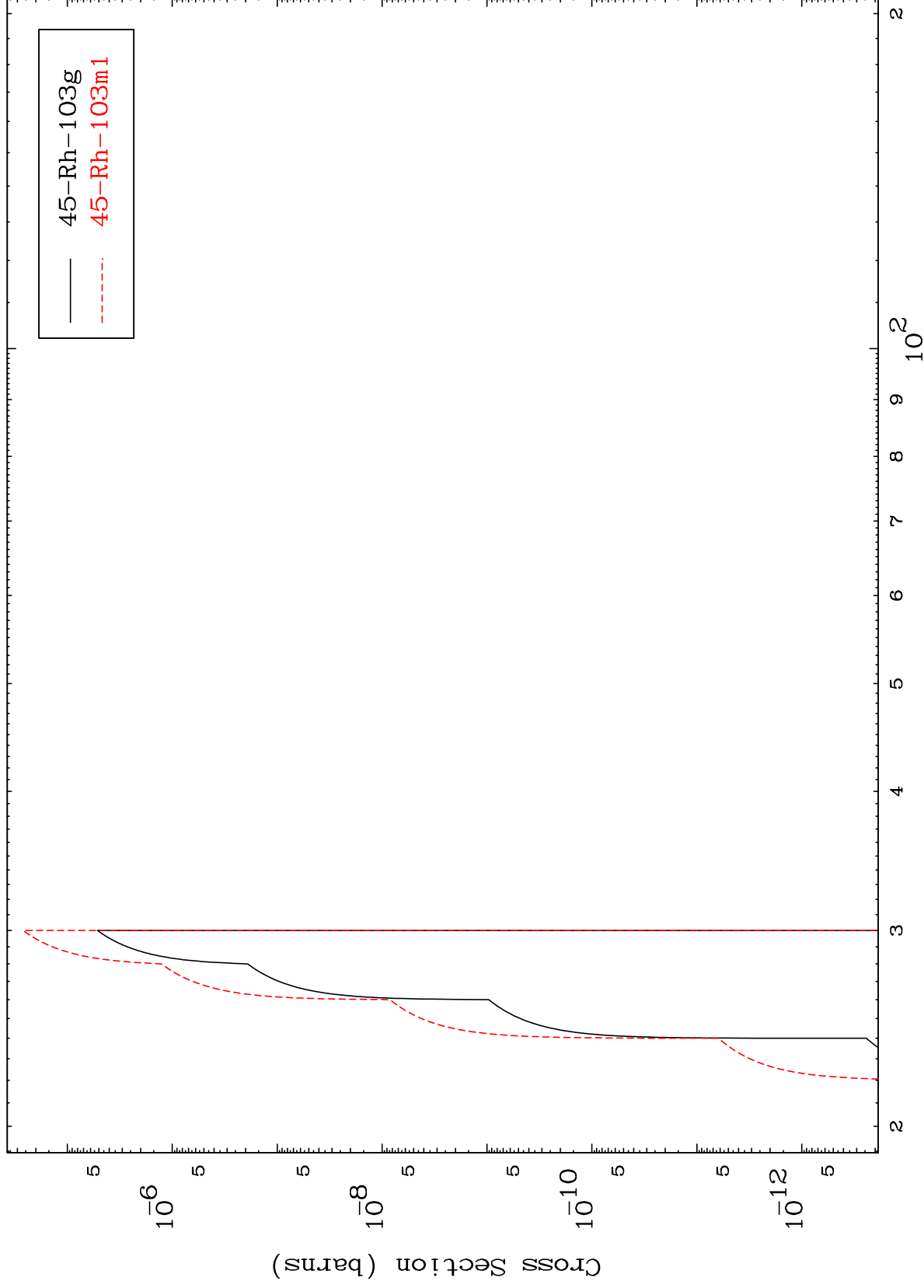
45-Rh-102

MAT 4523

$(\alpha, 2n)$ p

45-Rh-102

Radionuclide Production Cross Section



18

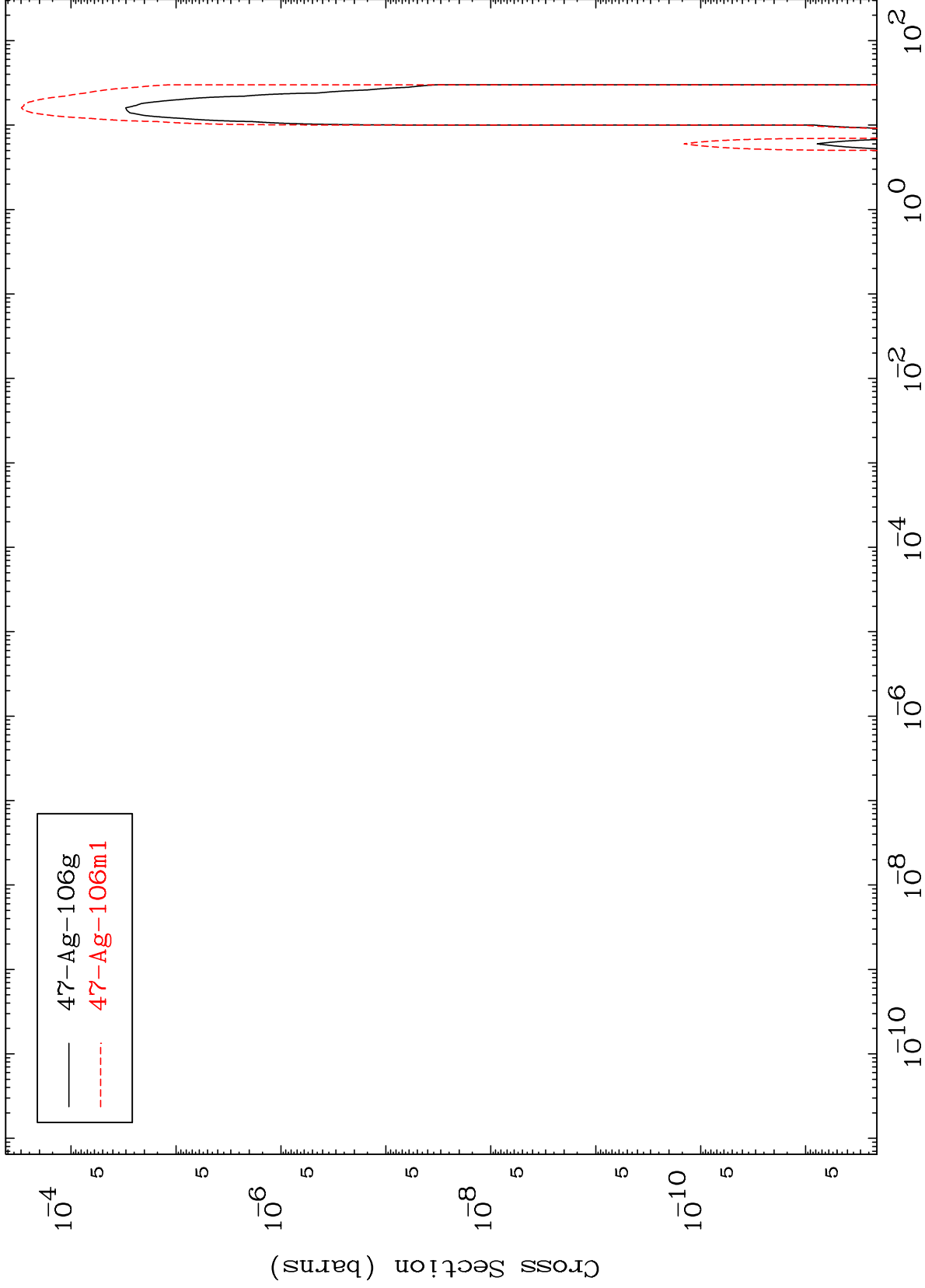
Incident Energy (MeV)

45-Rh-102

MAT 4523

Radionuclide Production Cross Section
(α, γ)

45-Rh-102



19

Incident Energy (MeV)

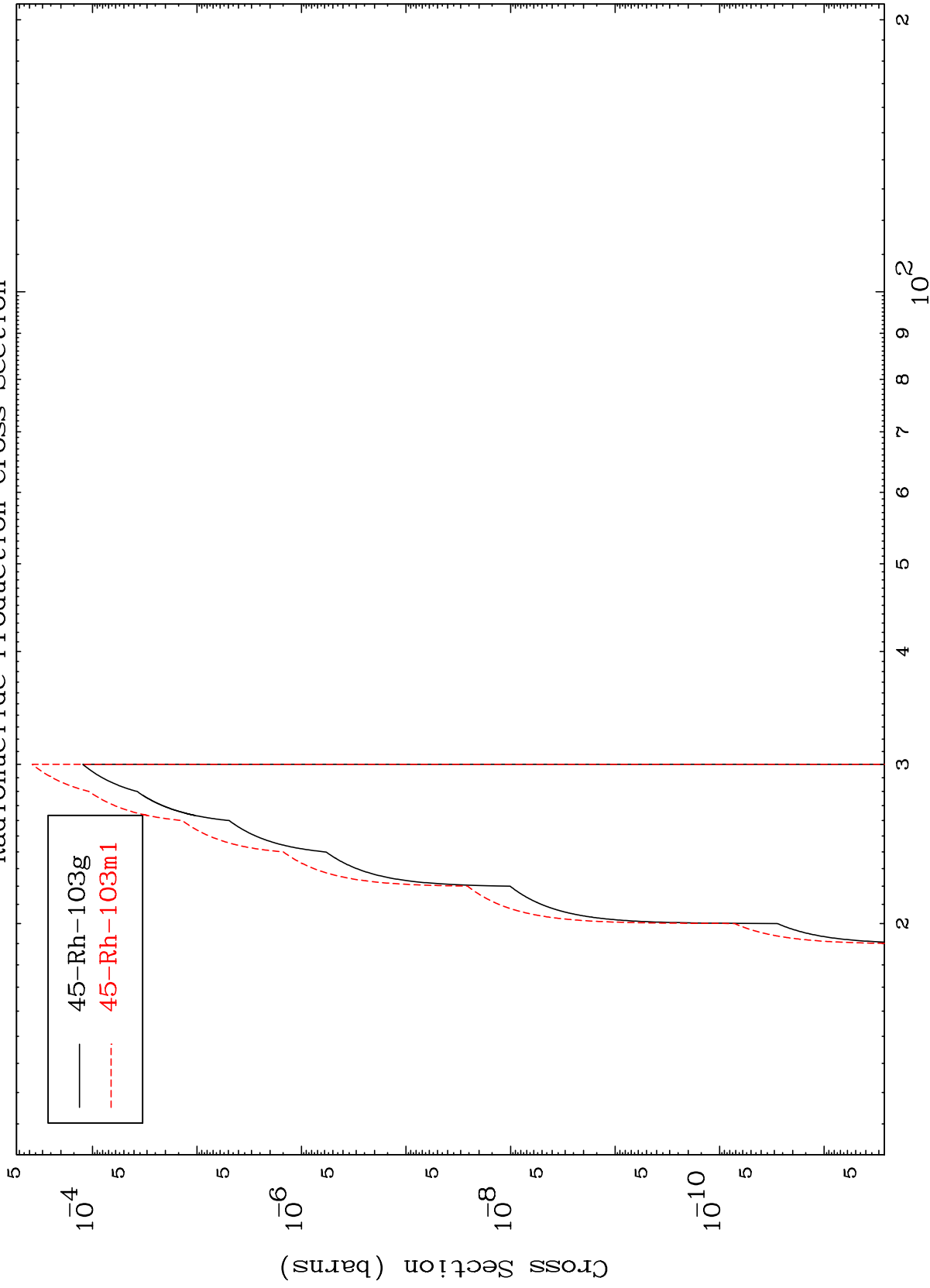
45-Rh-102

MAT 4523

(α ,He-3)

45-Rh-102

Radionuclide Production Cross Section



20

Incident Energy (MeV)

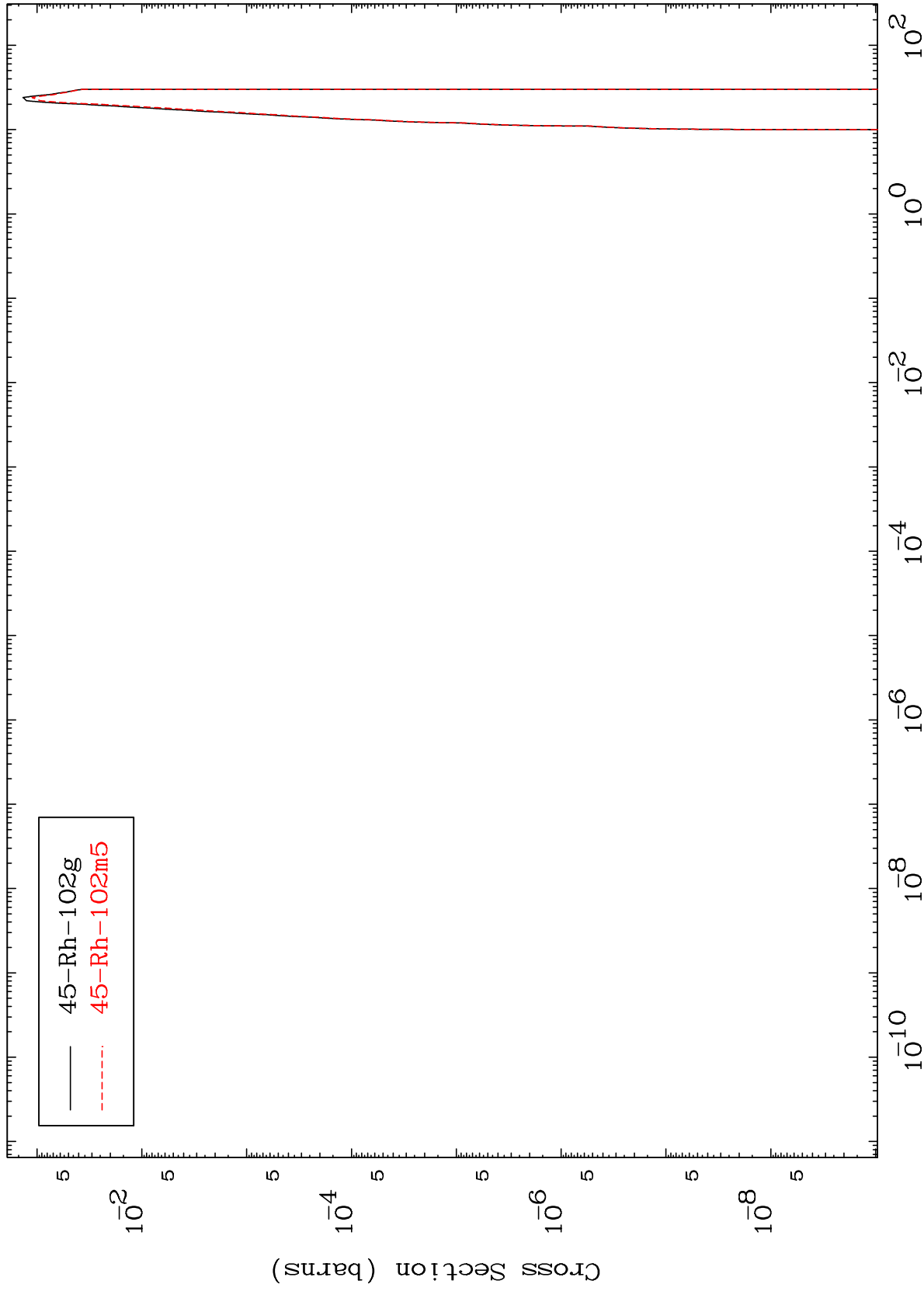
45-Rh-102

MAT 4523

(α, α)

45-Rh-102

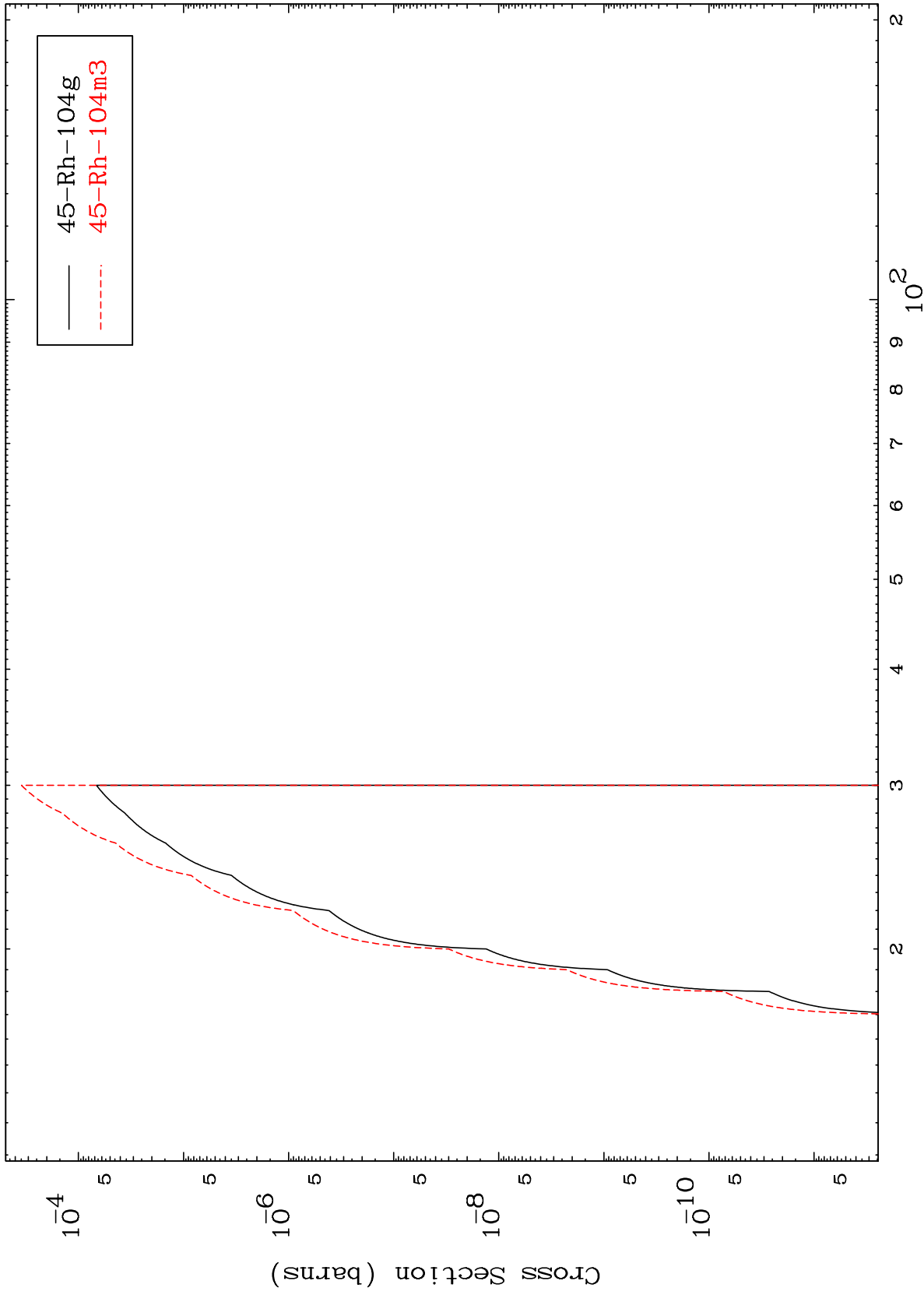
Radionuclide Production Cross Section



MAT 4523

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

45-Rh-102



22

Incident Energy (MeV)

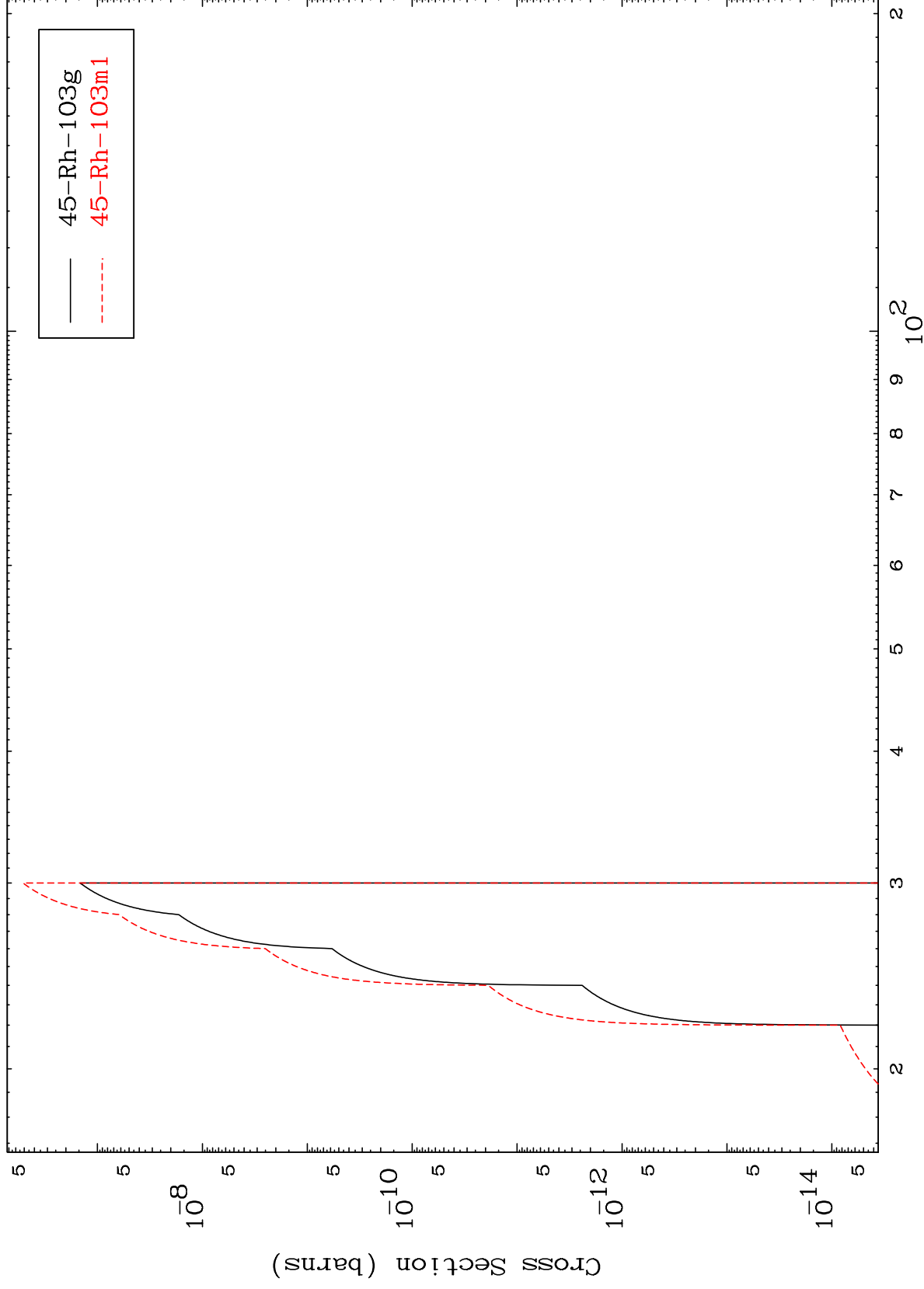
45-Rh-102

MAT 4523

(α, p) d

45-Rh-102

Radionuclide Production Cross Section



23

Incident Energy (MeV)

45-Rh-102

