

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

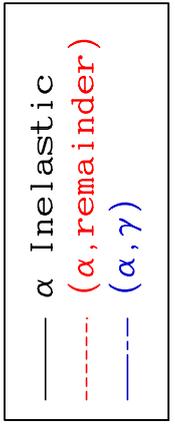
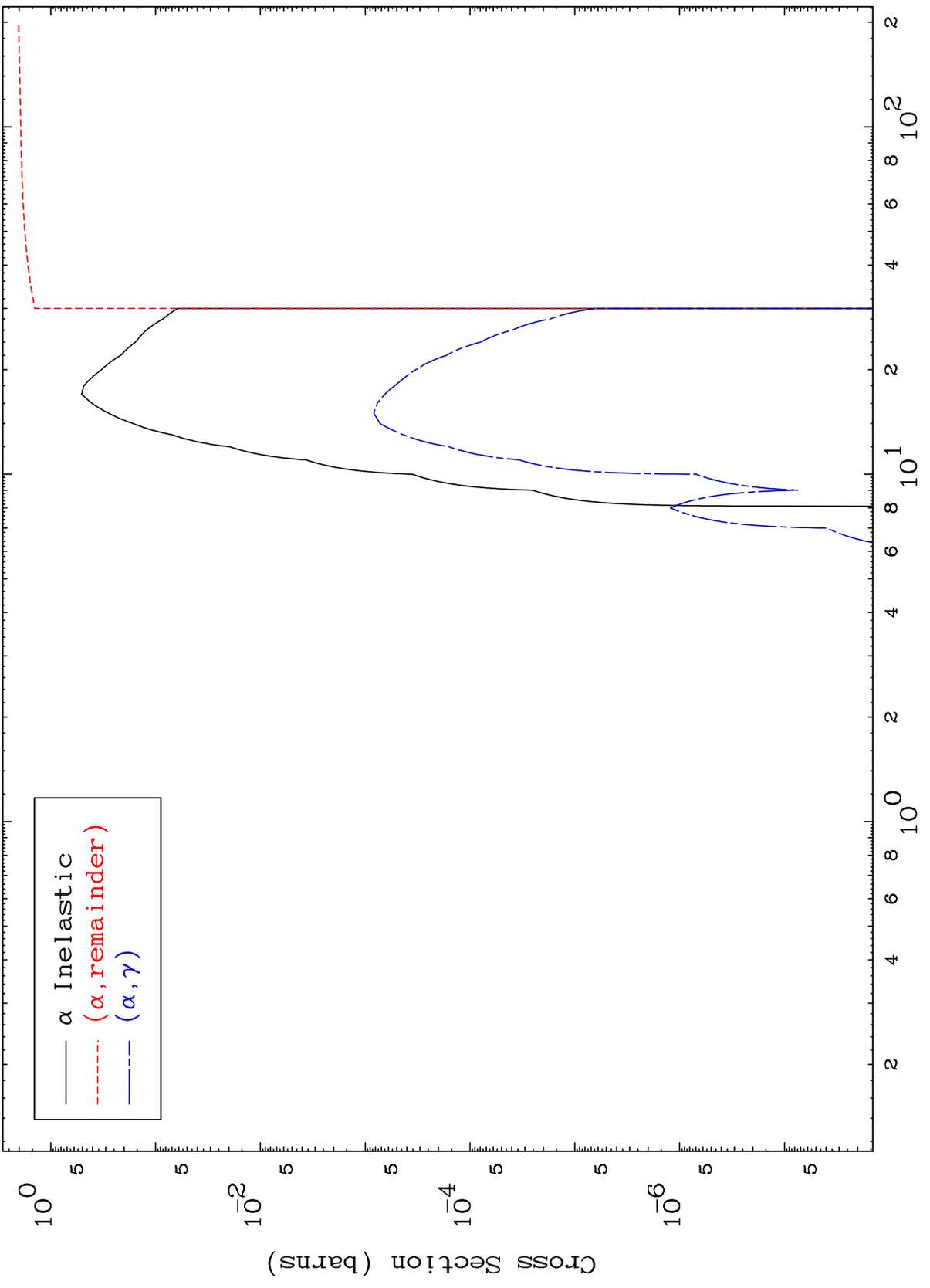
Press Mouse Button to Start

MAT 4520

α Major

45-Rh-101

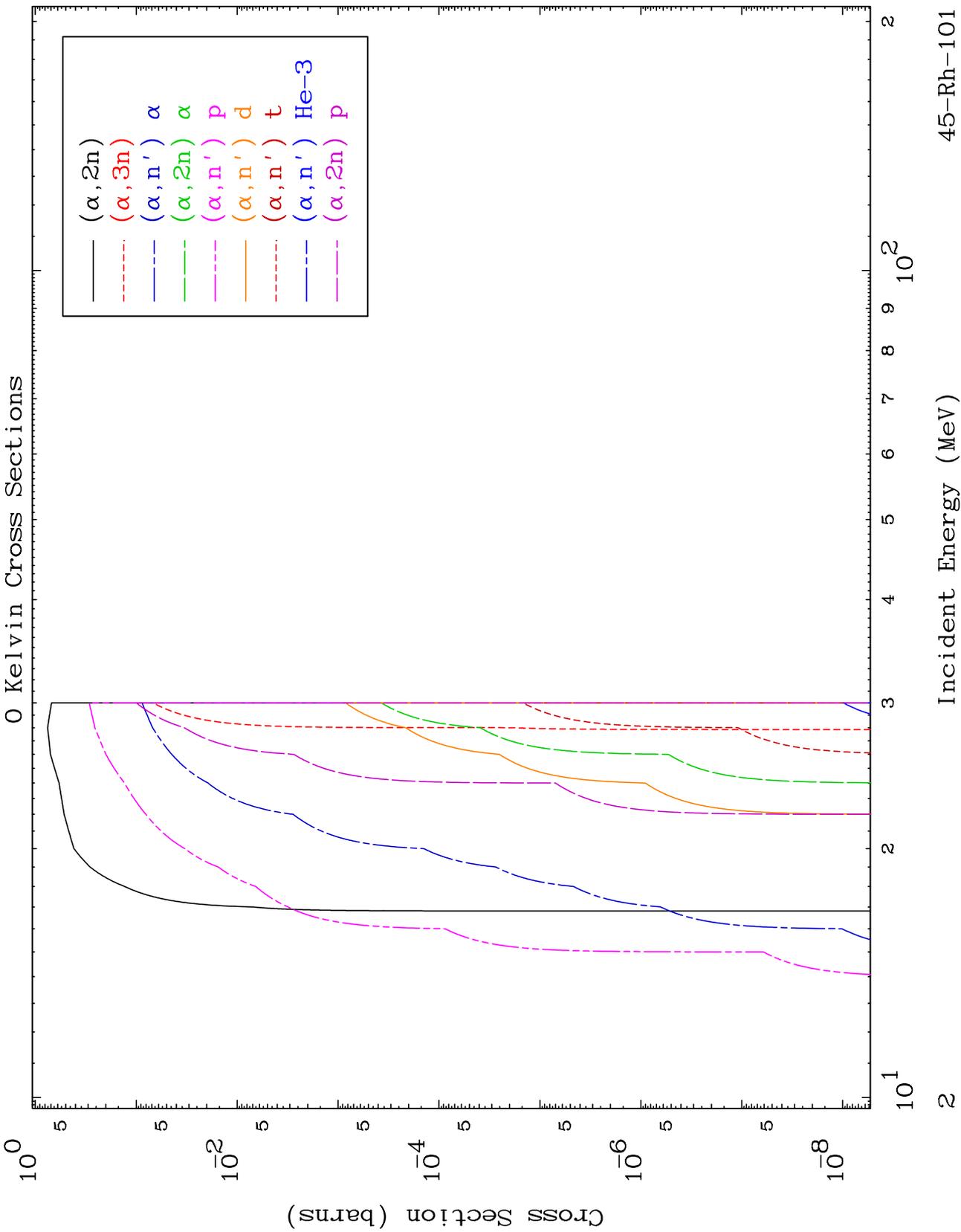
0 Kelvin Cross Sections



MAT 4520

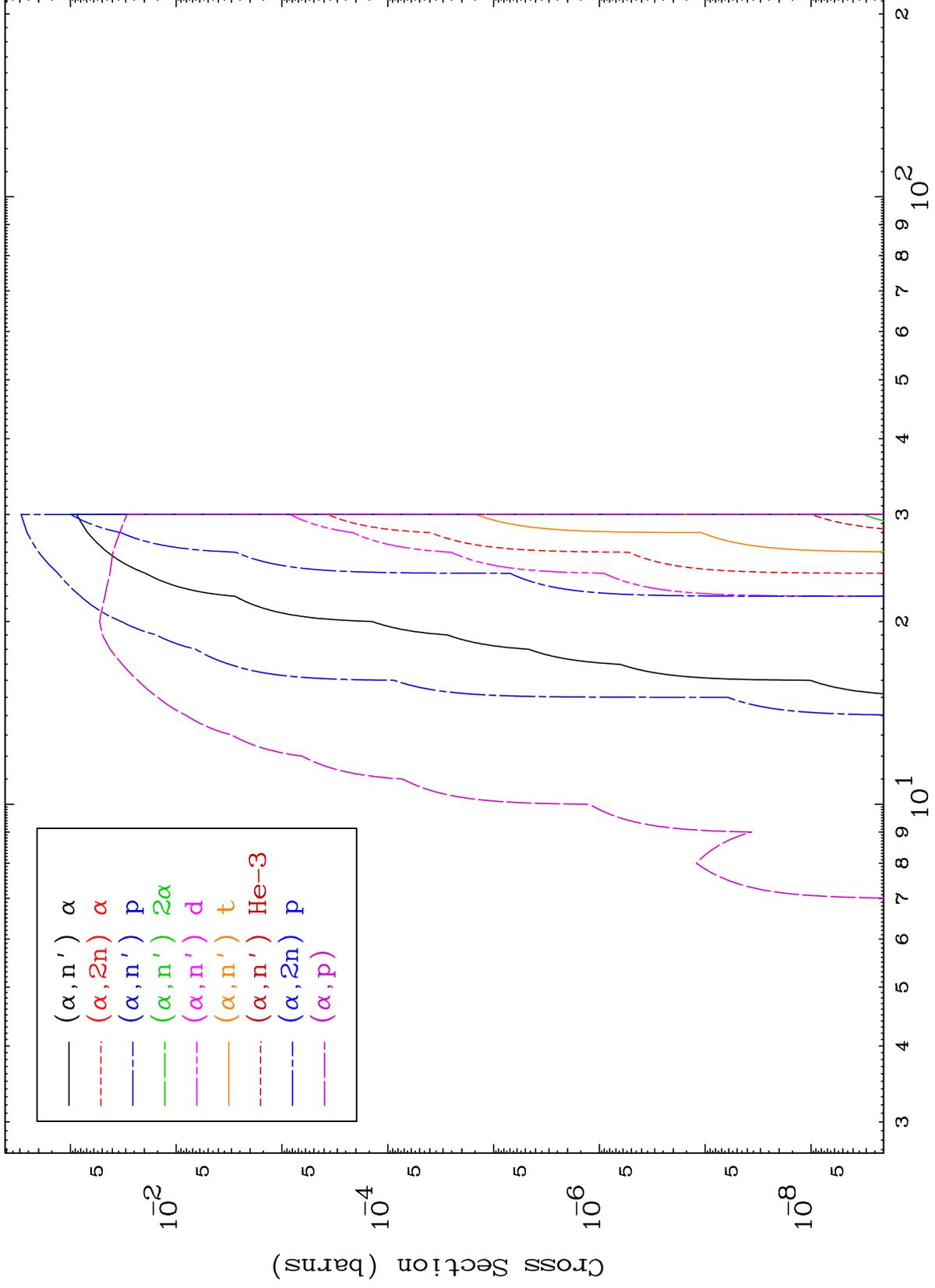
α Neutron Production
0 Kelvin Cross Sections

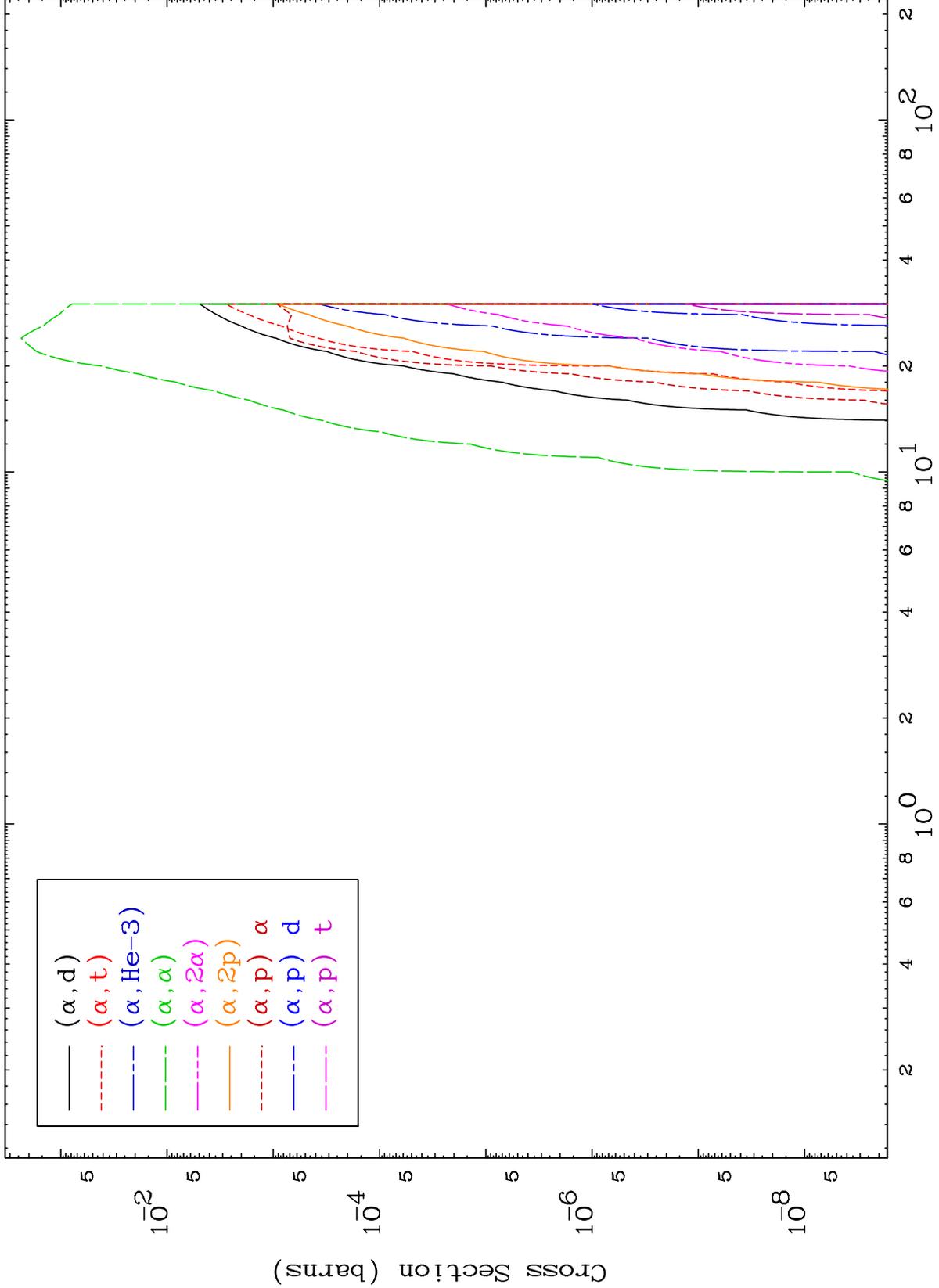
45-Rh-101



Incident Energy (MeV)

45-Rh-101



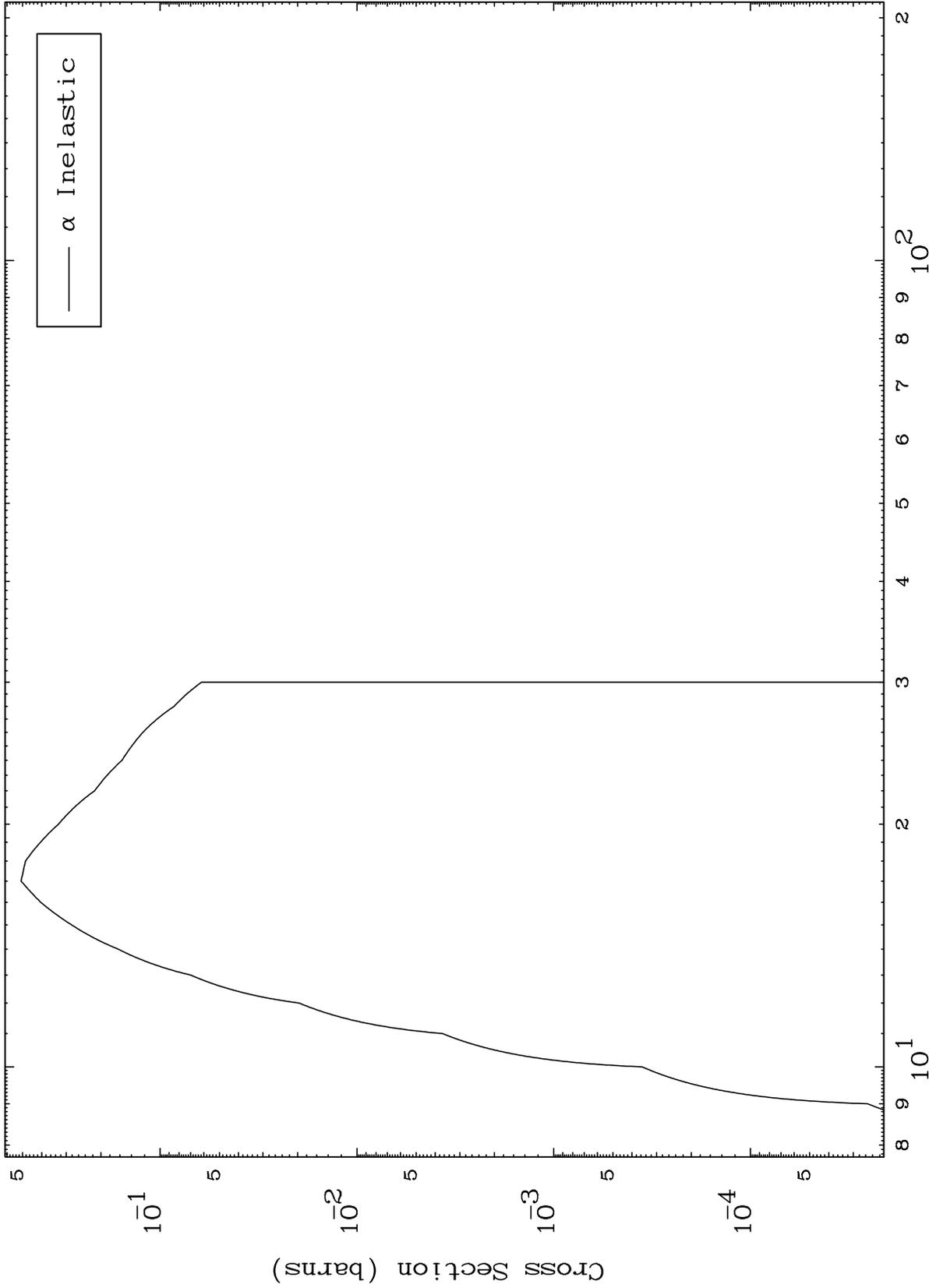


MAT 4520

(α, n') Level

45-Rh-101

0 Kelvin Cross Sections



Incident Energy (MeV)

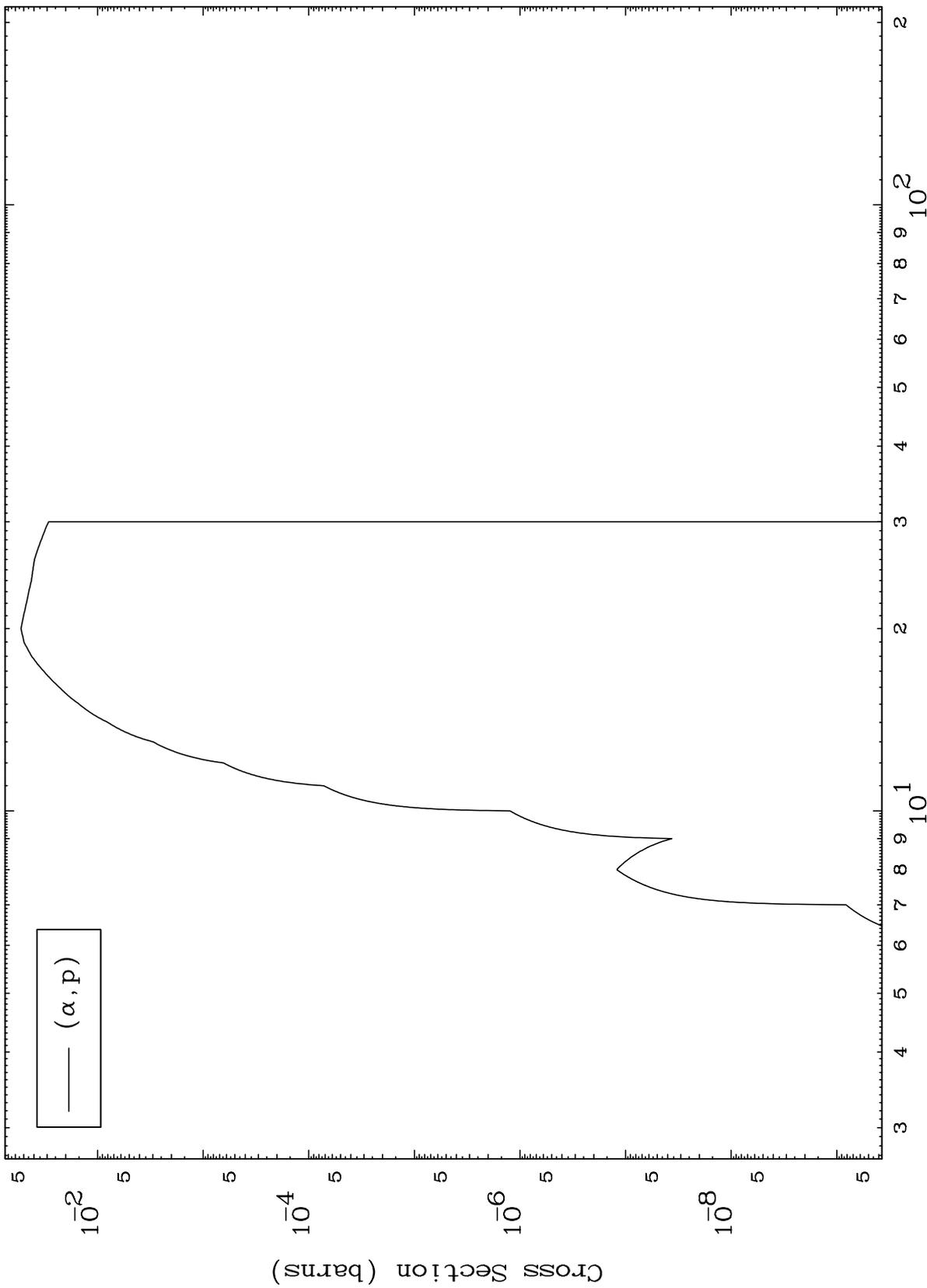
45-Rh-101

5

MAT 4520

45-Rh-101

(α, p) Levels
0 Kelvin Cross Sections



45-Rh-101

Incident Energy (MeV)

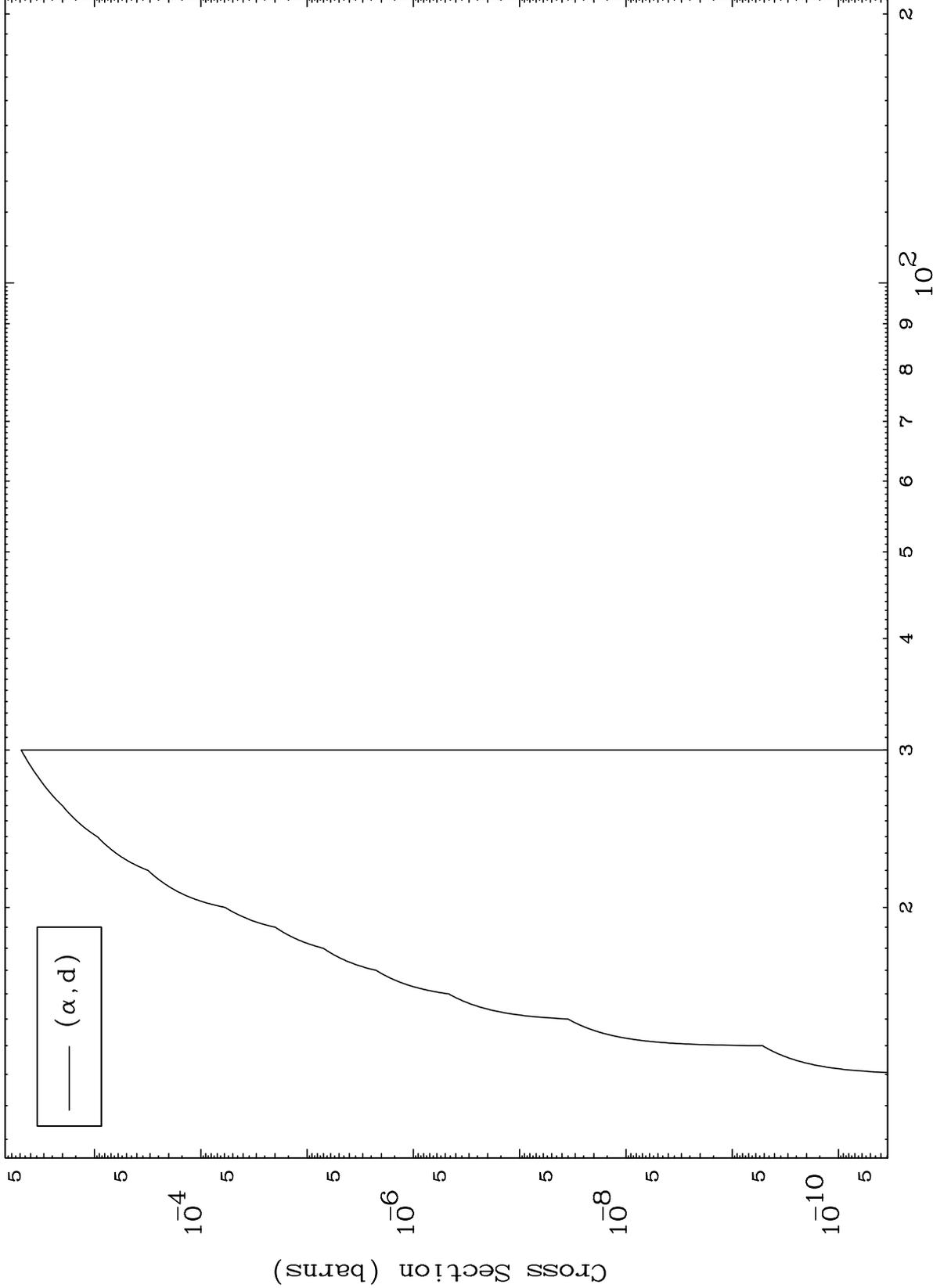
6

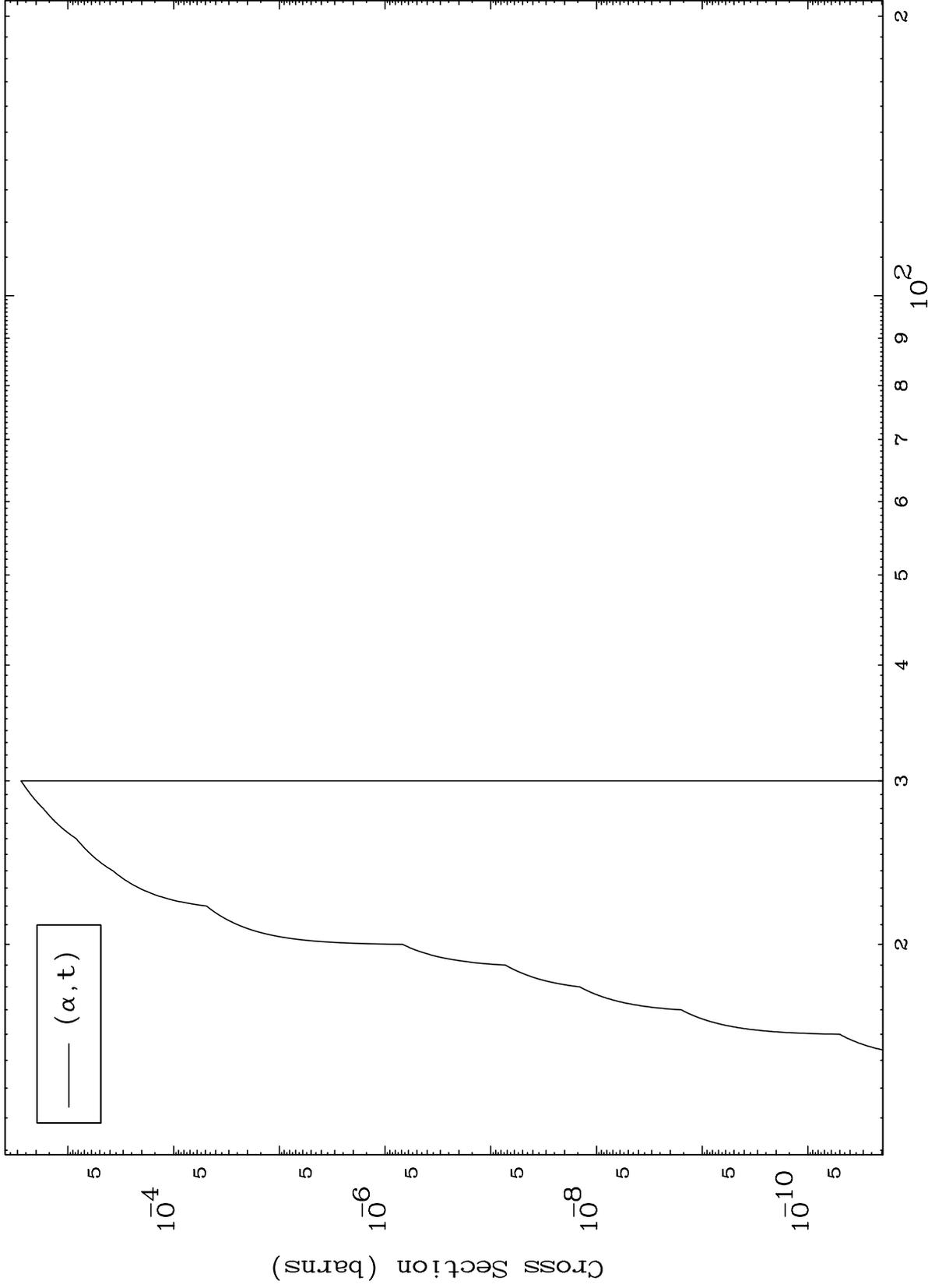
MAT 4520

(α, d) Levels

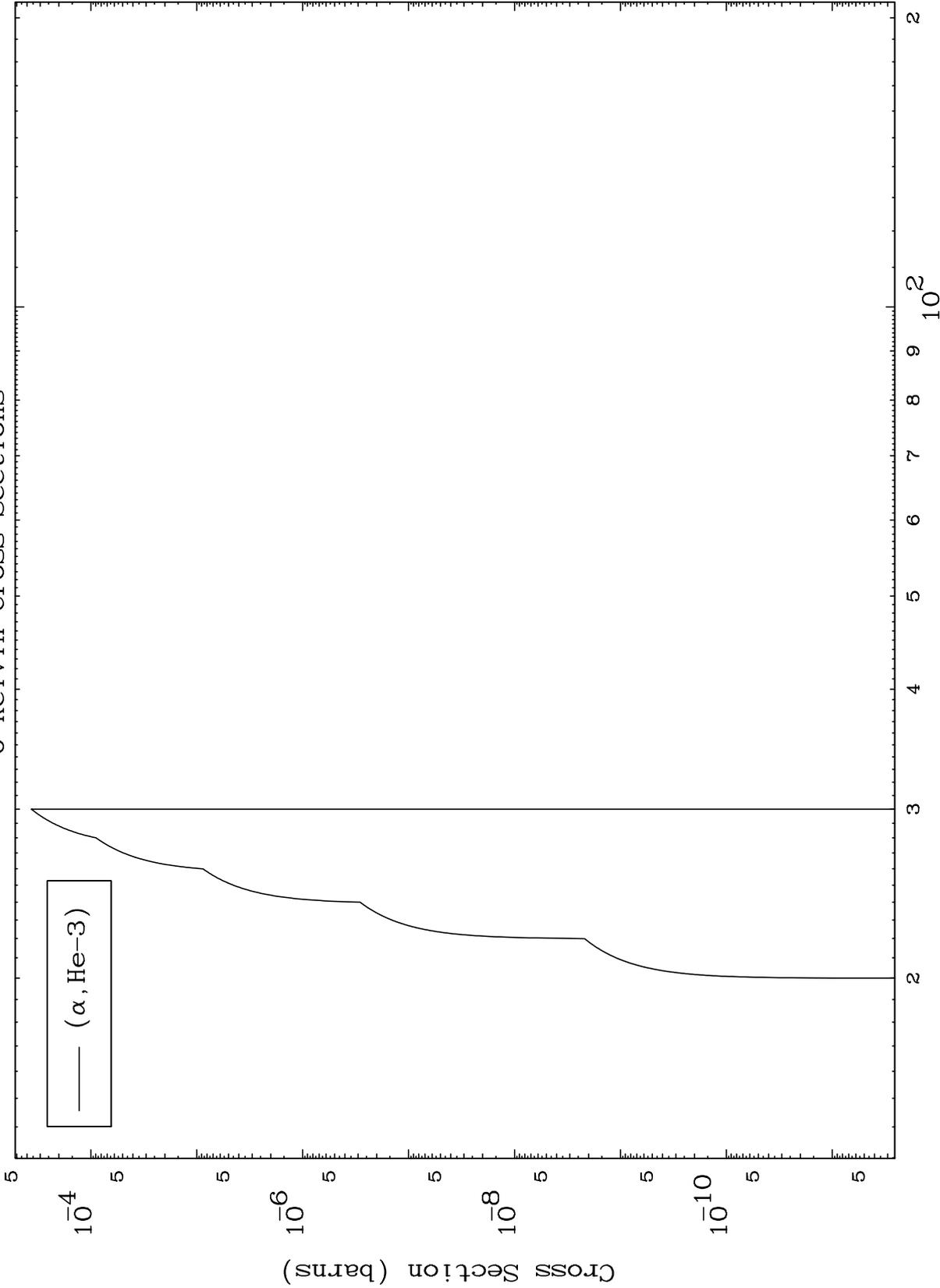
45-Rh-101

0 Kelvin Cross Sections





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

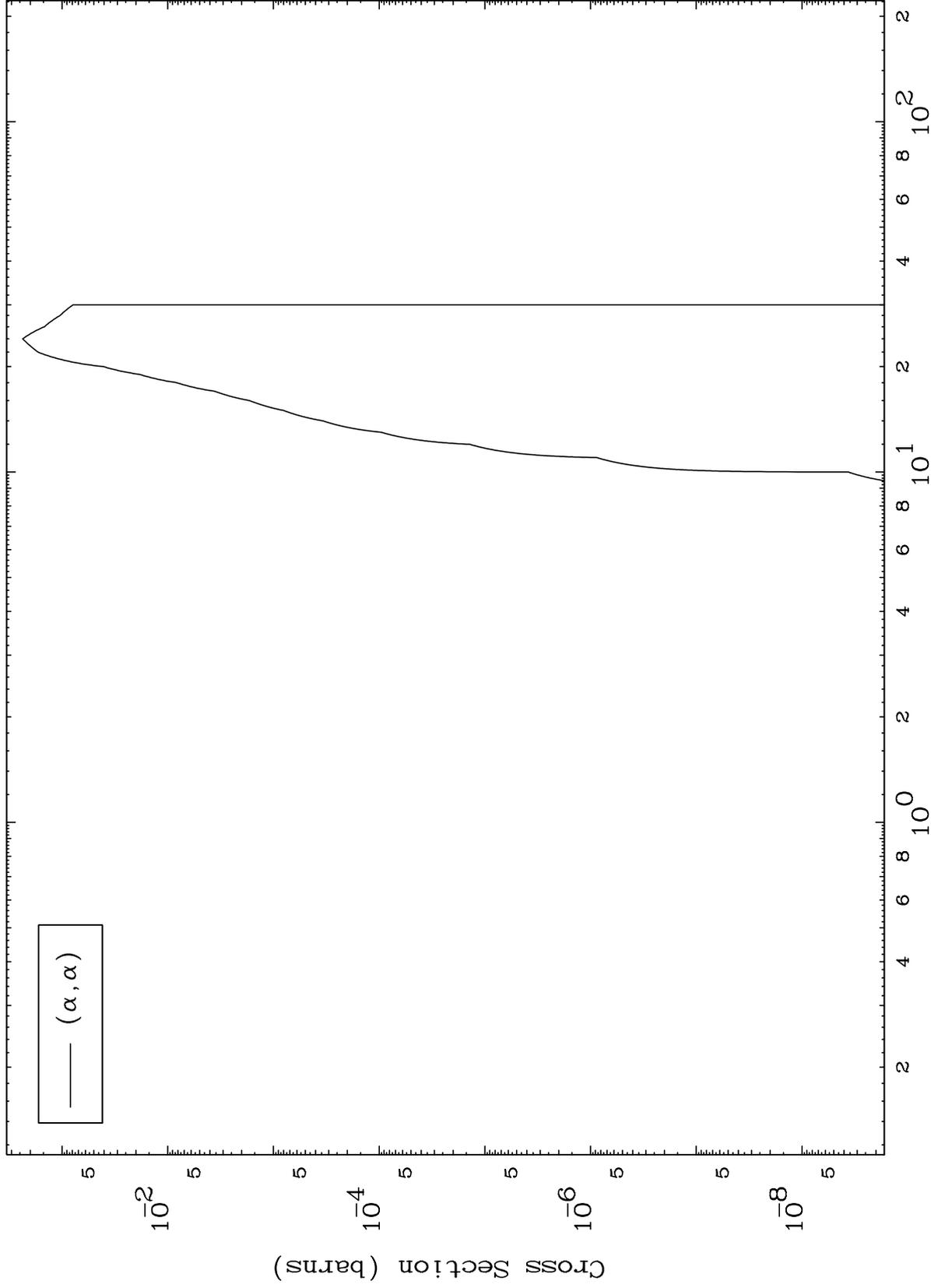


MAT 4520

(α, α) Levels

45-Rh-101

0 Kelvin Cross Sections



10

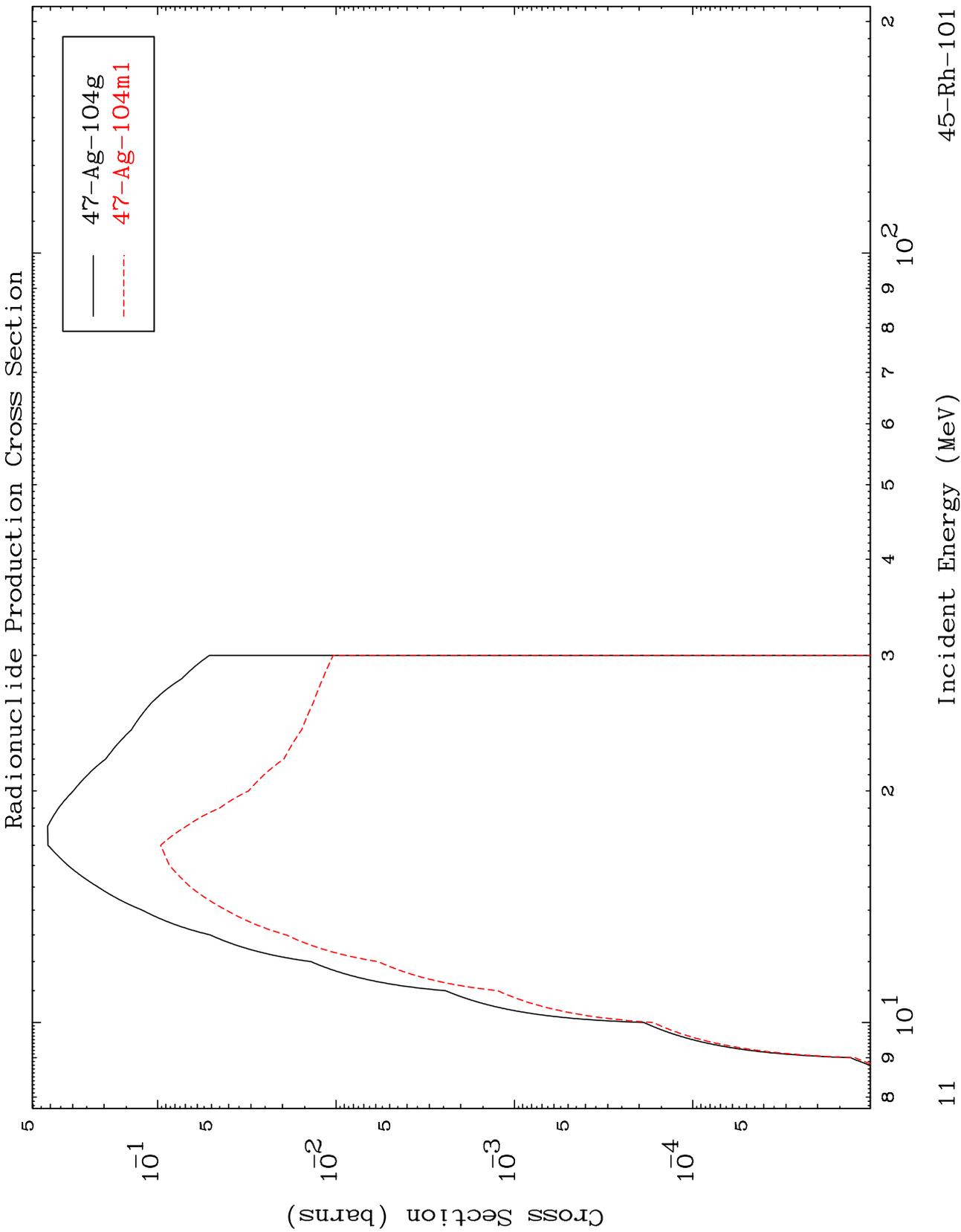
Incident Energy (MeV)

45-Rh-101

MAT 4520

45-Rh-101

Radionuclide Production Cross Section



11

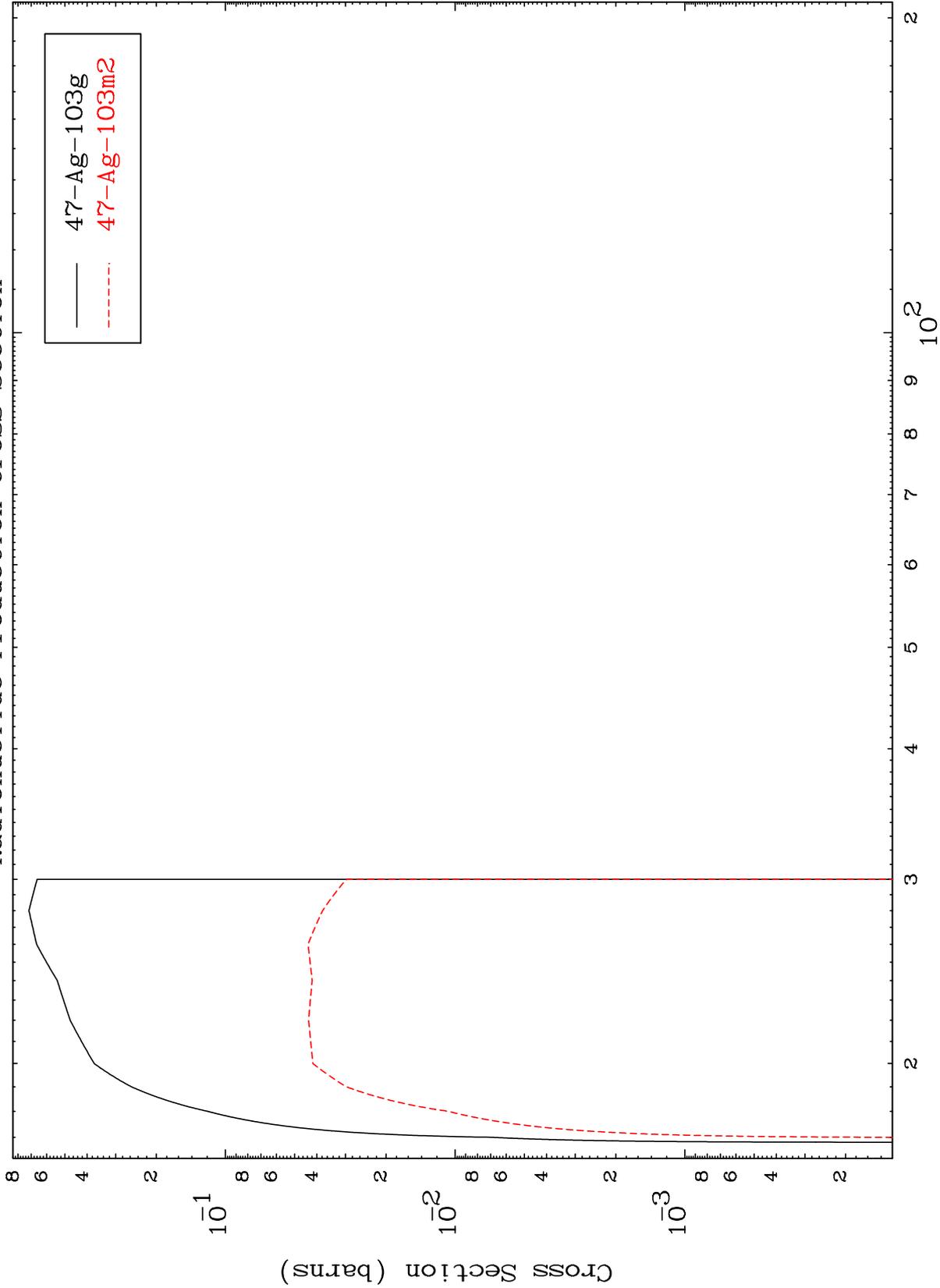
Incident Energy (MeV)

45-Rh-101

MAT 4520

45-Rh-101

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



12

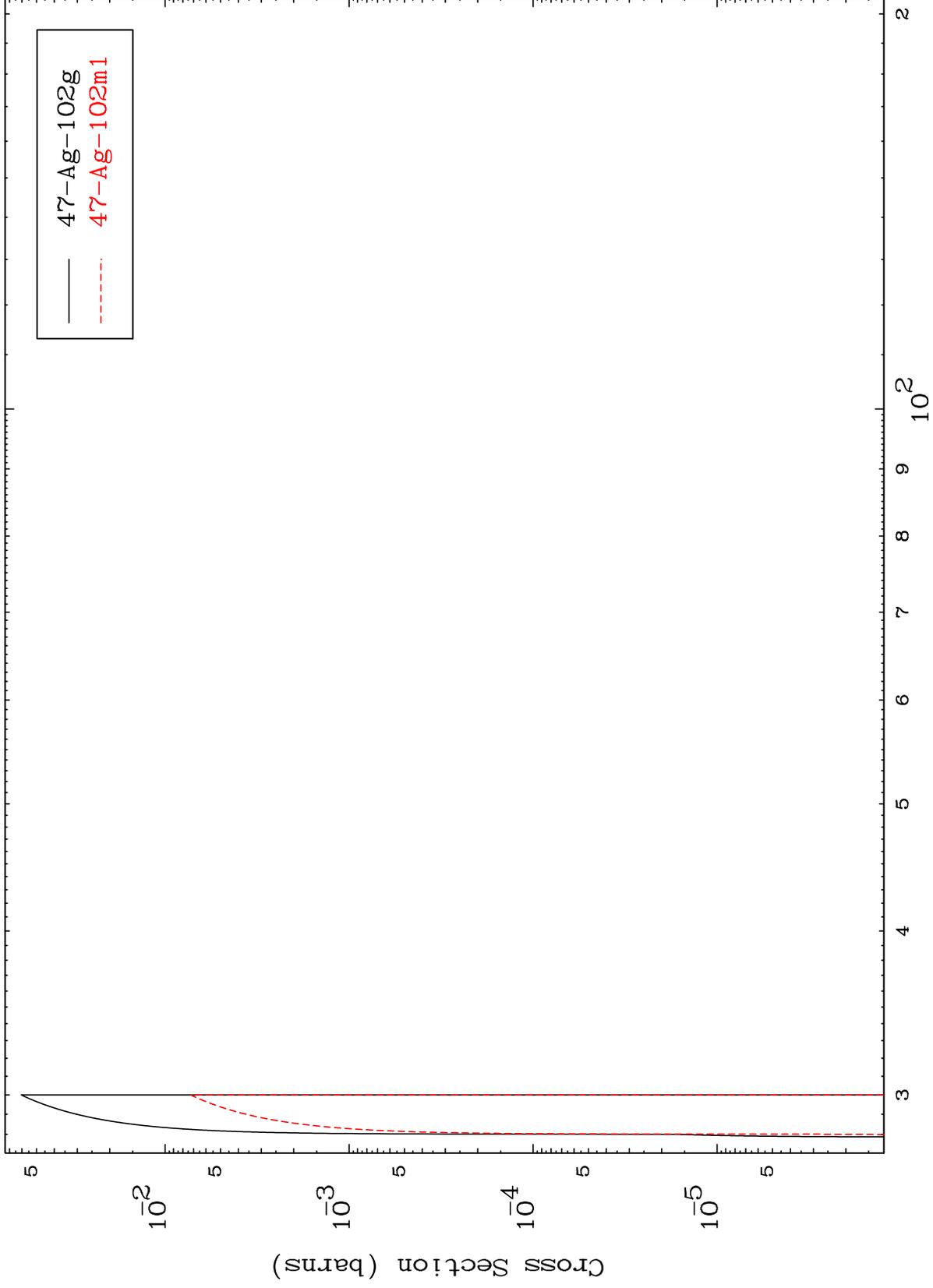
Incident Energy (MeV)

45-Rh-101

MAT 4520

45-Rh-101

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



45-Rh-101

Incident Energy (MeV)

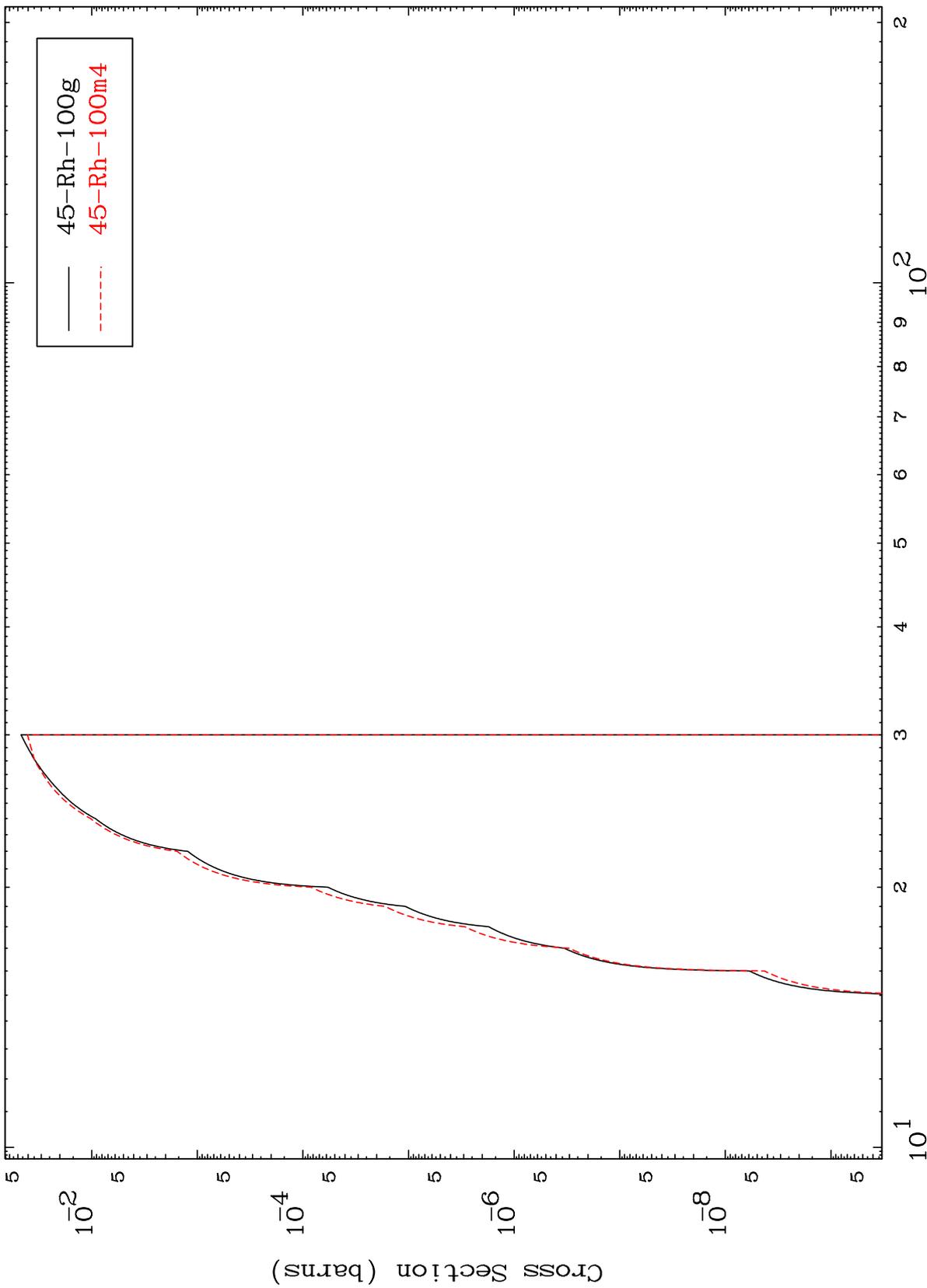
13

MAT 4520

(α, n') α

45-Rh-101

Radionuclide Production Cross Section



Incident Energy (MeV)

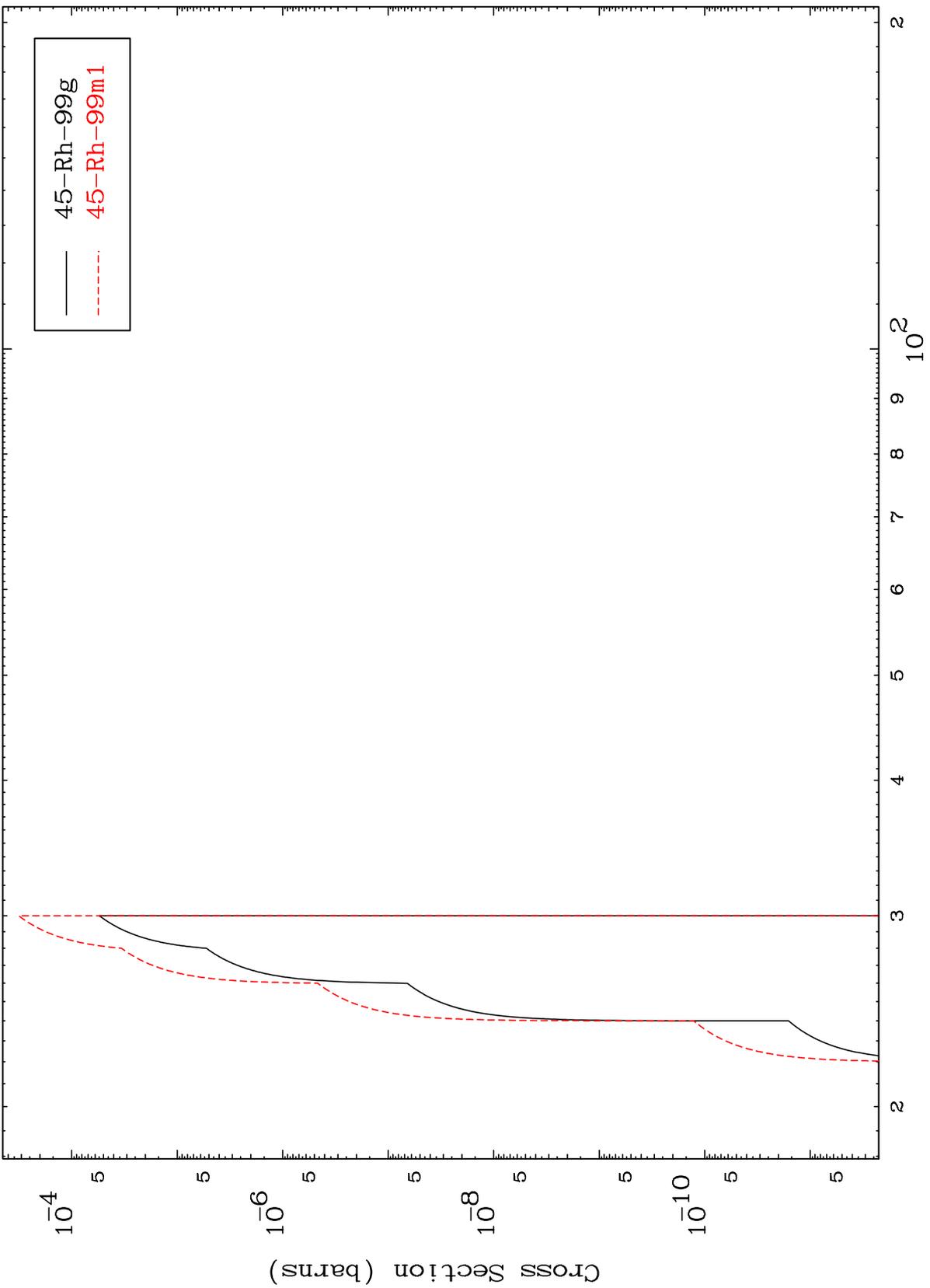
45-Rh-101

MAT 4520

$(\alpha, 2n)$ α

45-Rh-101

Radionuclide Production Cross Section



15

Incident Energy (MeV)

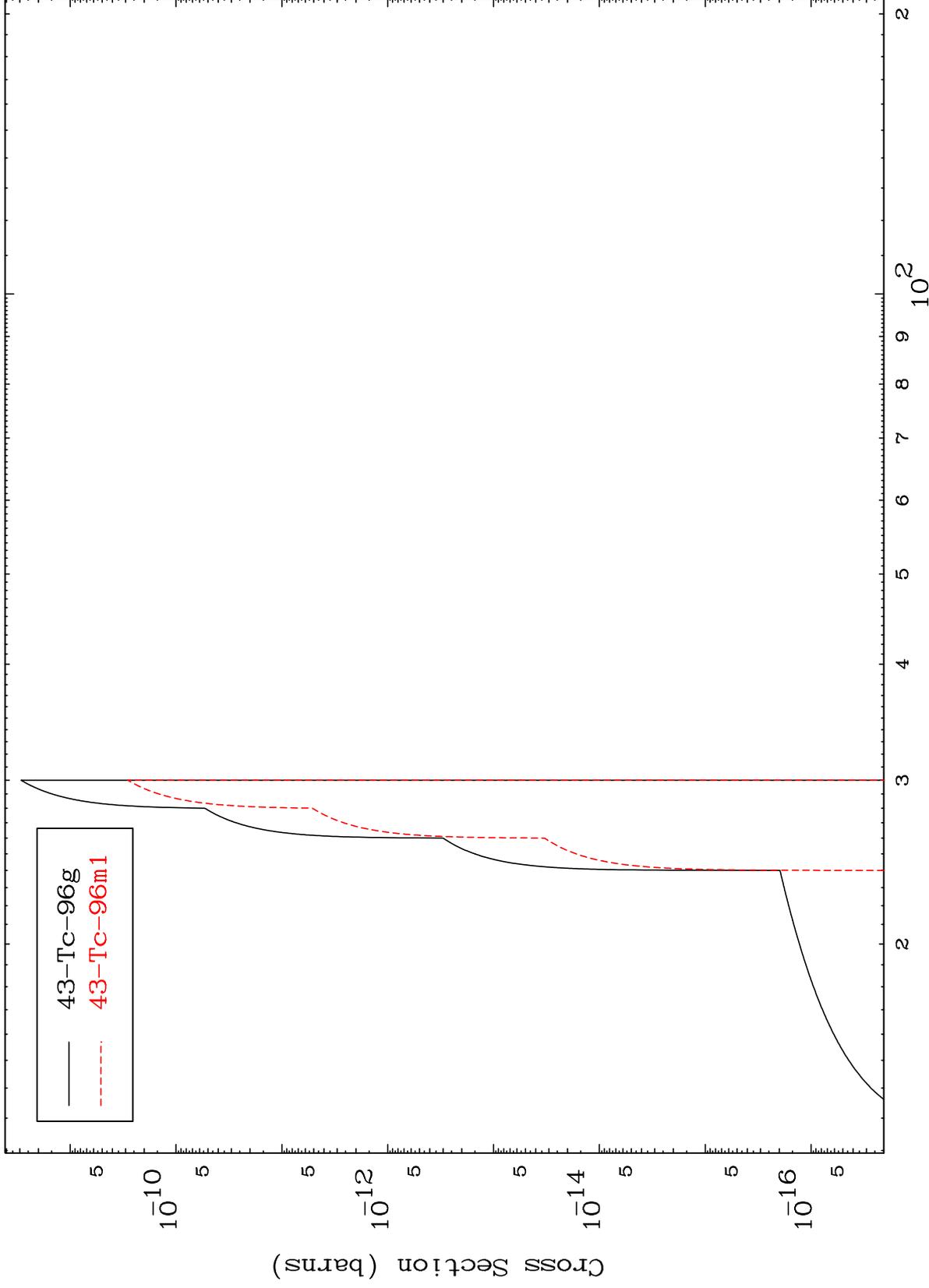
45-Rh-101

MAT 4520

(α, n') 2α

45-Rh-101

Radionuclide Production Cross Section



16

Incident Energy (MeV)

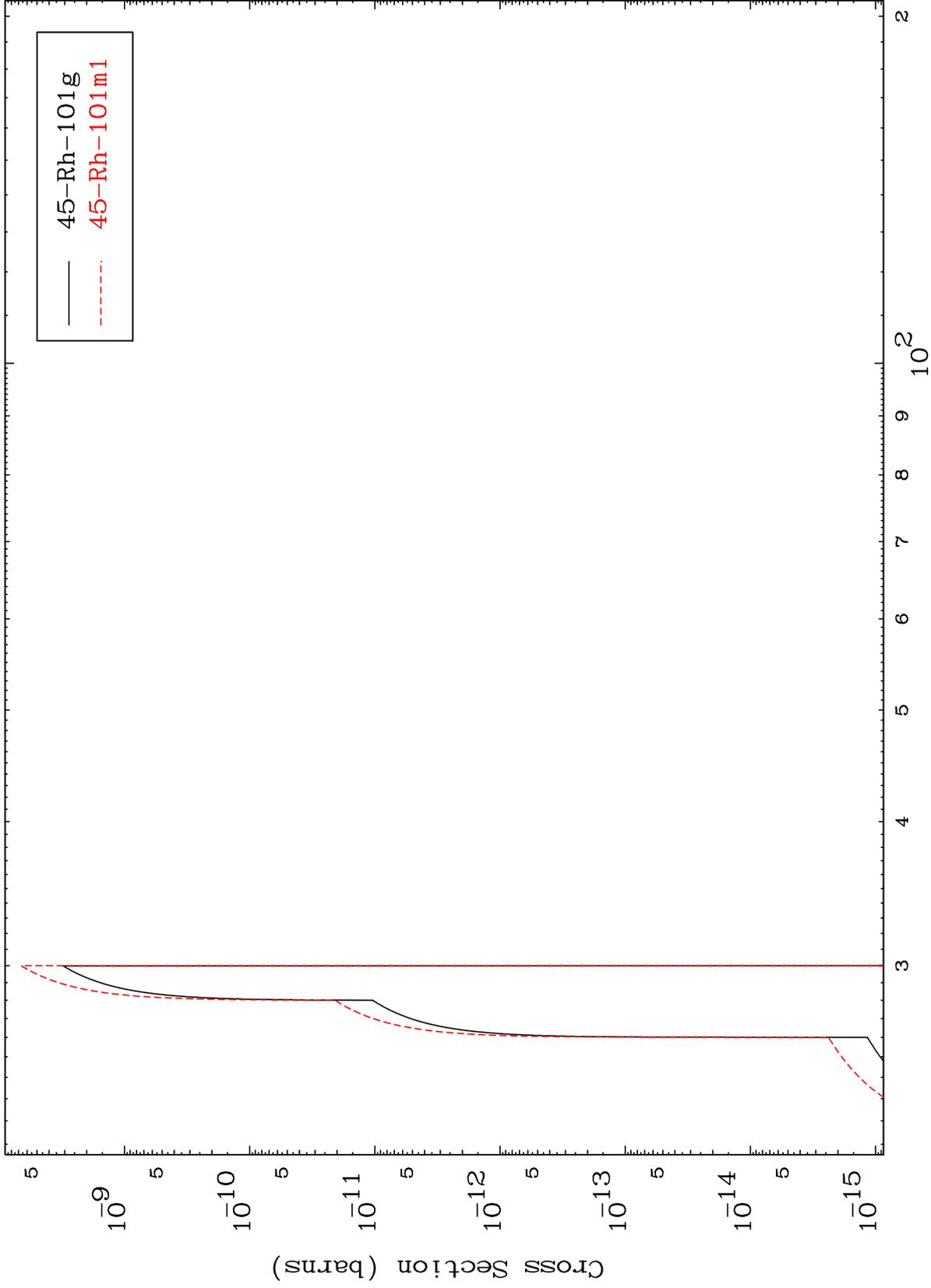
45-Rh-101

MAT 4520

(α, n') He-3

45-Rh-101

Radionuclide Production Cross Section



17

Incident Energy (MeV)

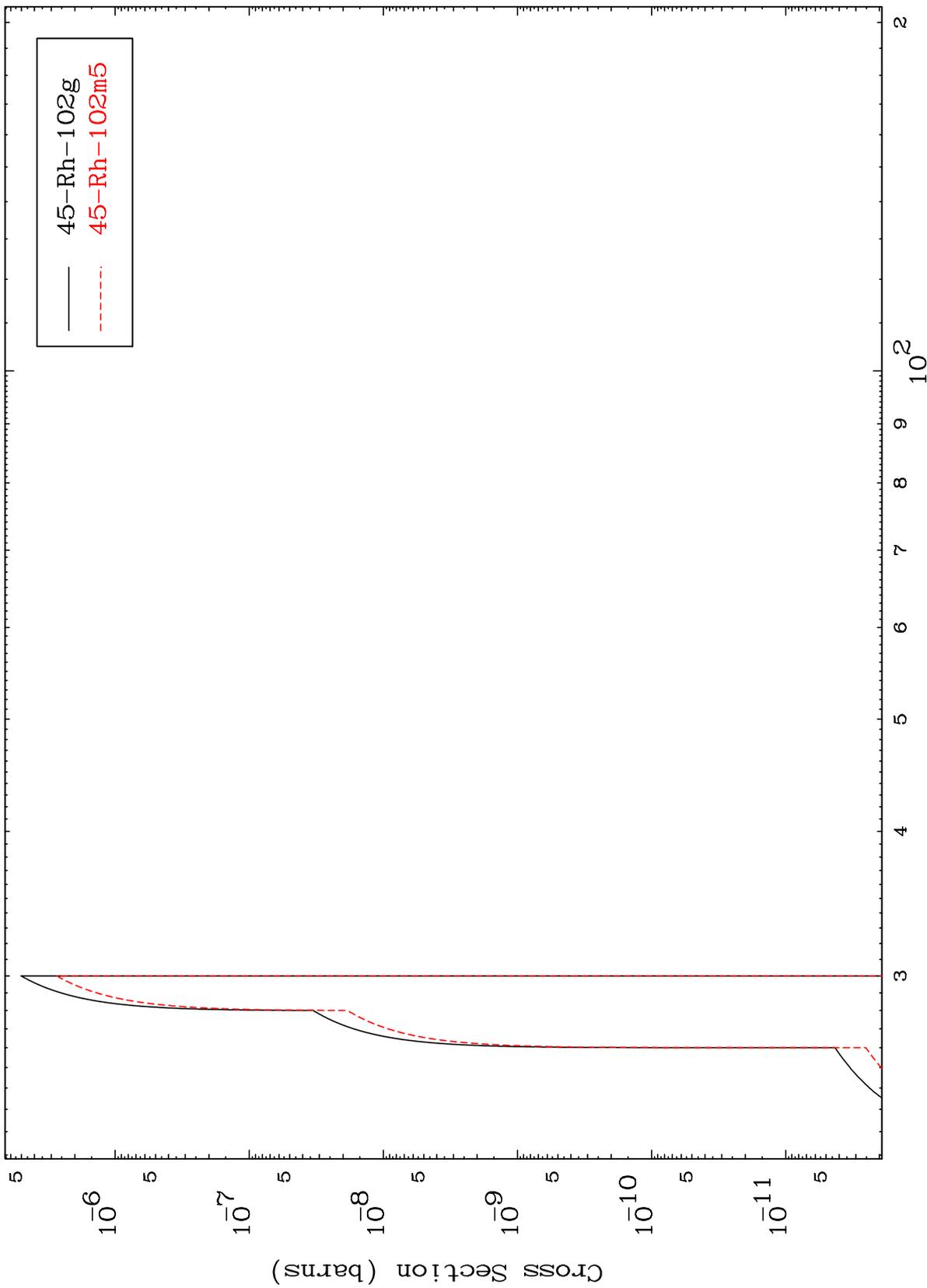
45-Rh-101

MAT 4520

($\alpha, 2n$) p

45-Rh-101

Radionuclide Production Cross Section



18

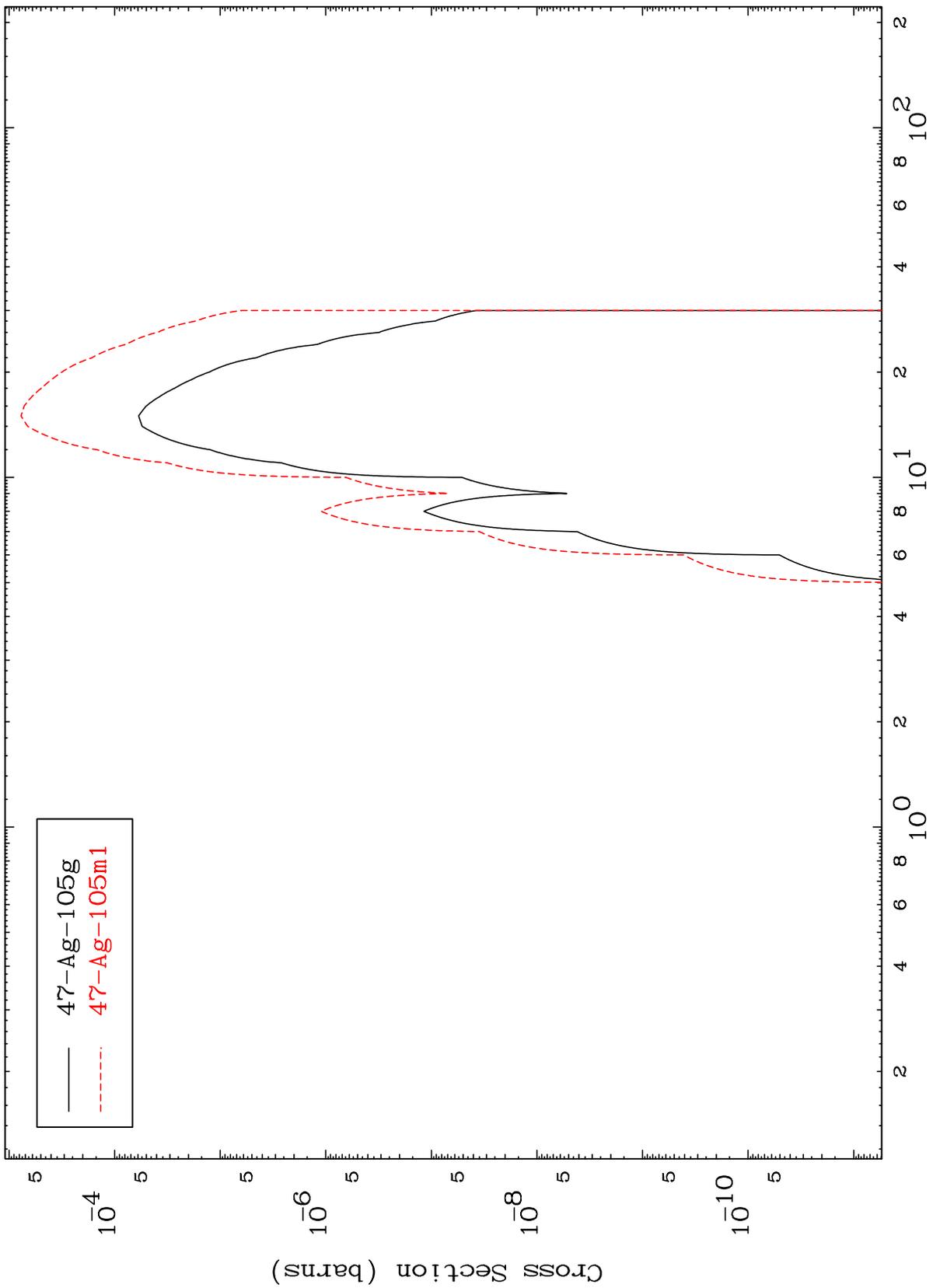
Incident Energy (MeV)

45-Rh-101

MAT 4520

45-Rh-101

(α, γ)
Radionuclide Production Cross Section

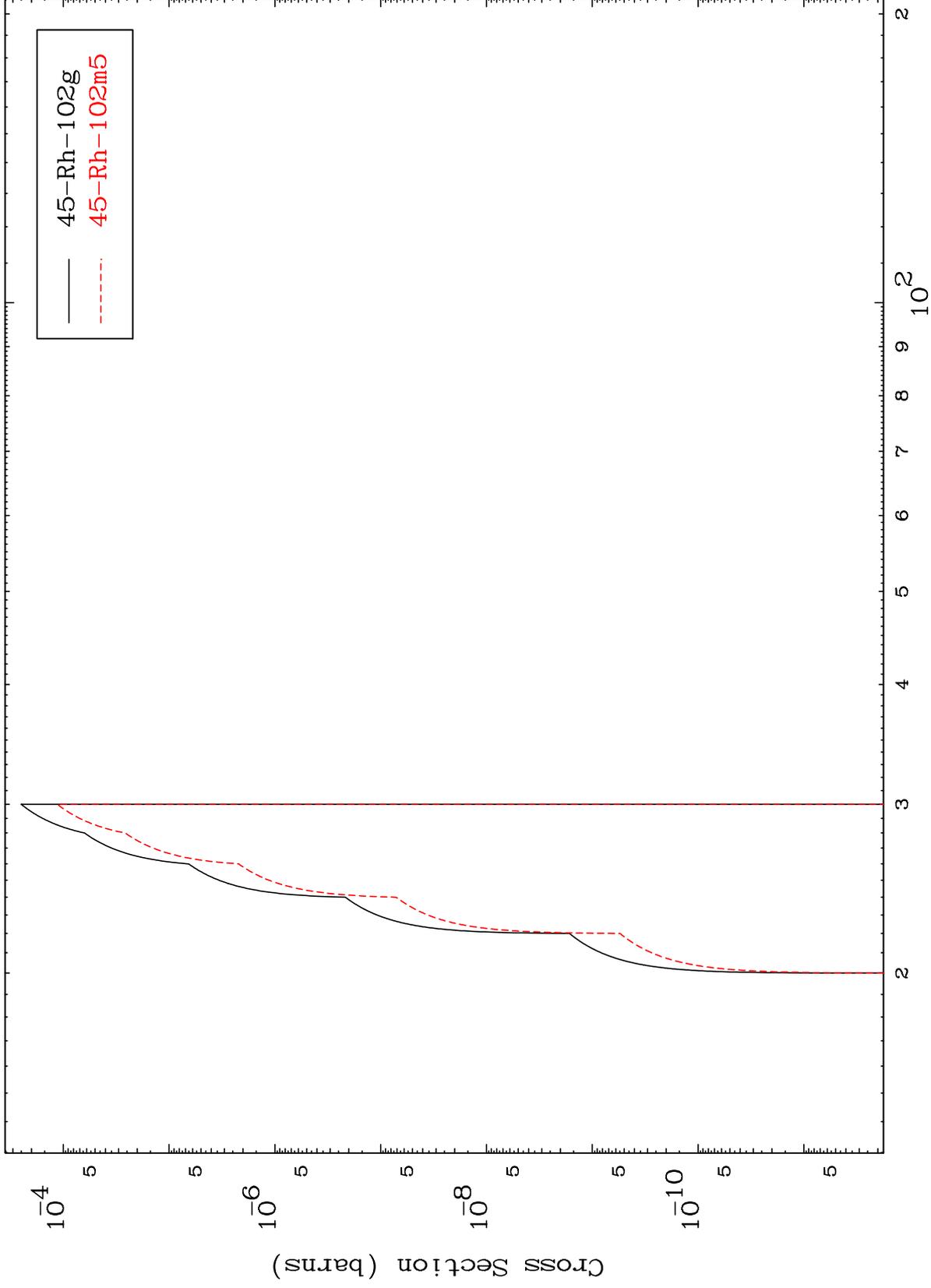


MAT 4520

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

45-Rh-101

Radionuclide Production Cross Section



20

Incident Energy (MeV)

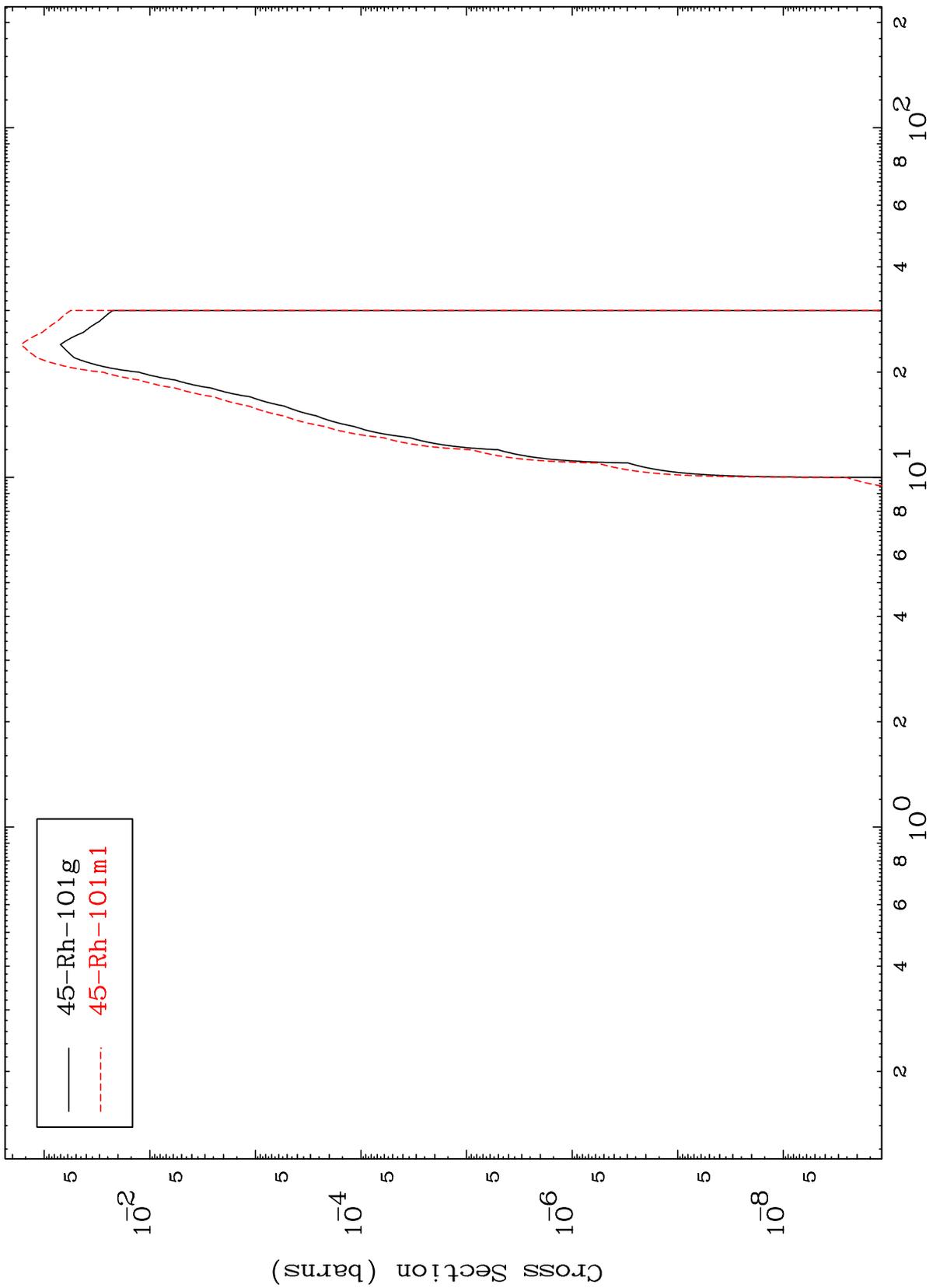
45-Rh-101

MAT 4520

45-Rh-101

(α, α)

Radionuclide Production Cross Section



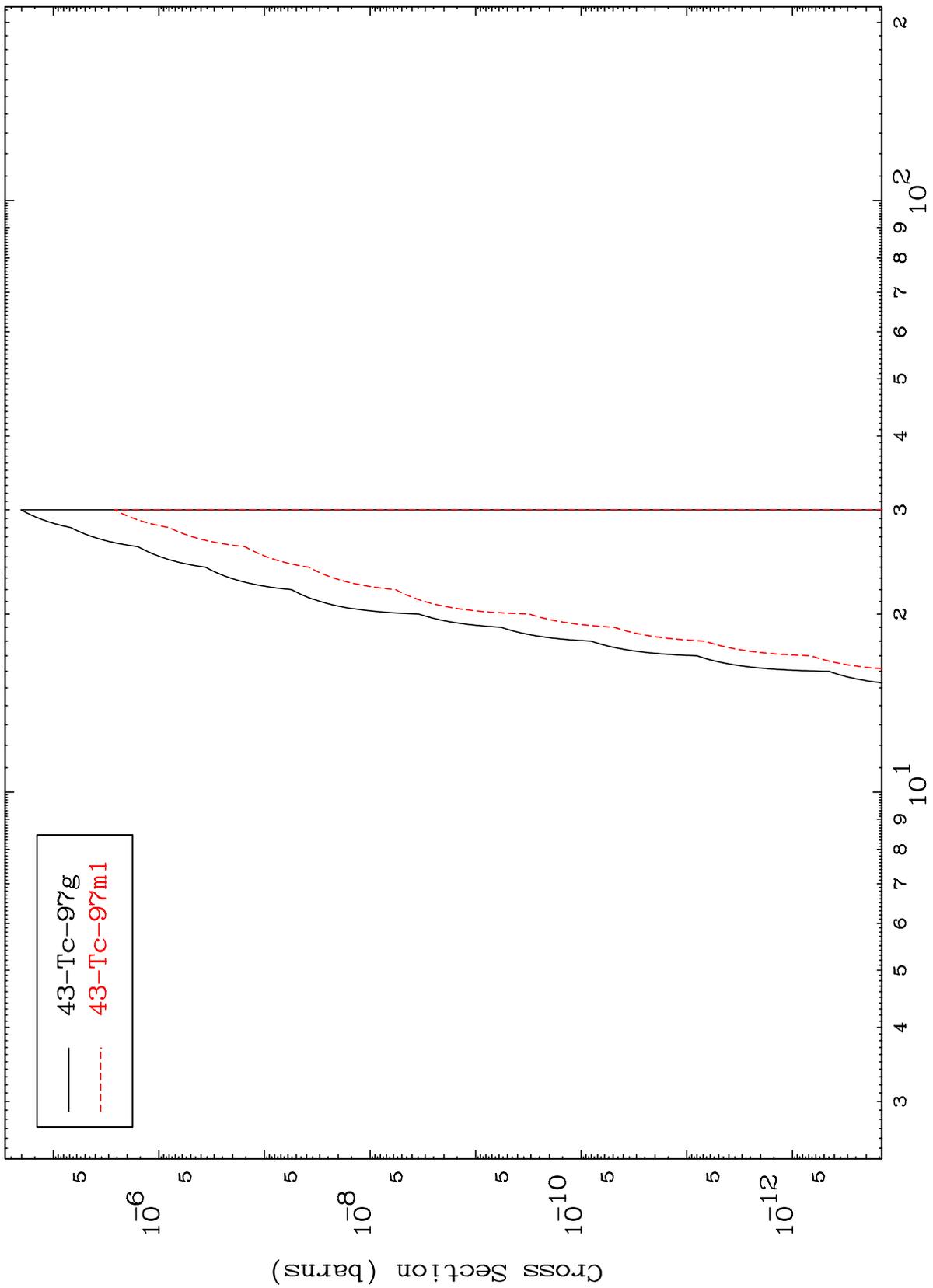
45-Rh-101

Incident Energy (MeV)

MAT 4520

45-Rh-101

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



— 43-Tc-97g
- - - 43-Tc-97m1

22

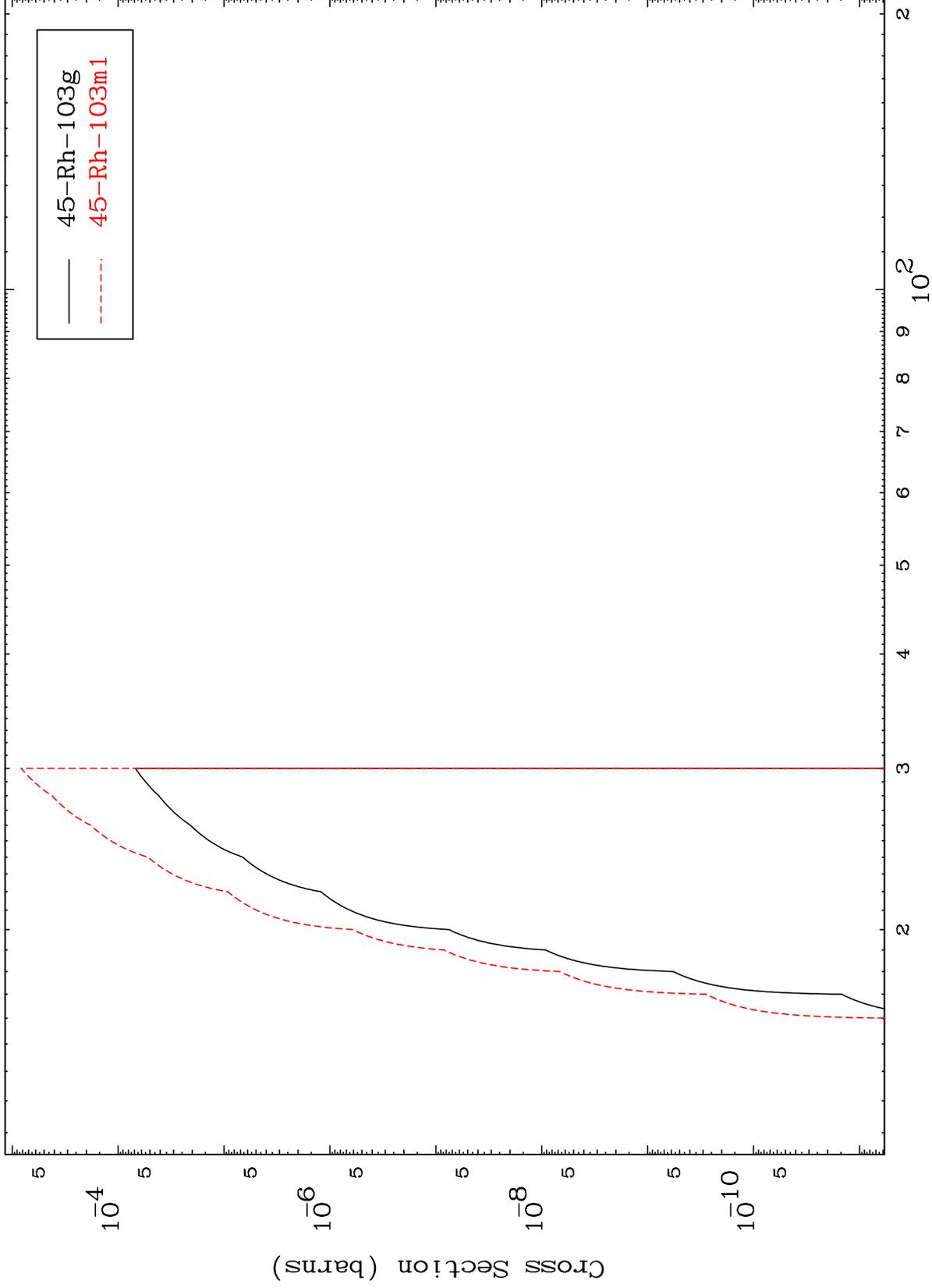
Incident Energy (MeV)

45-Rh-101

MAT 4520

45-Rh-101

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



23

45-Rh-101

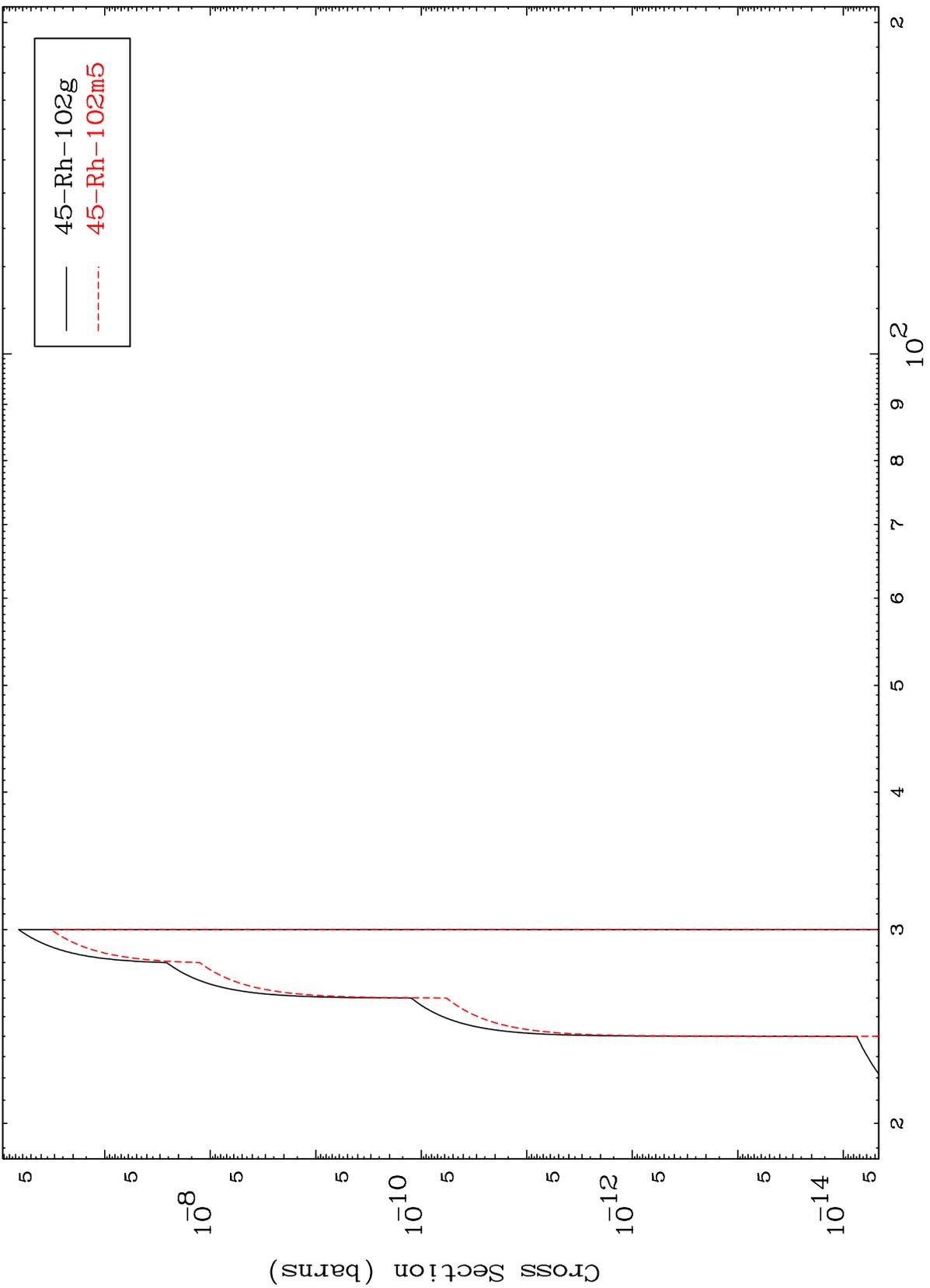
Incident Energy (MeV)

MAT 4520

(α, p) d

45-Rh-101

Radionuclide Production Cross Section



24

Incident Energy (MeV)

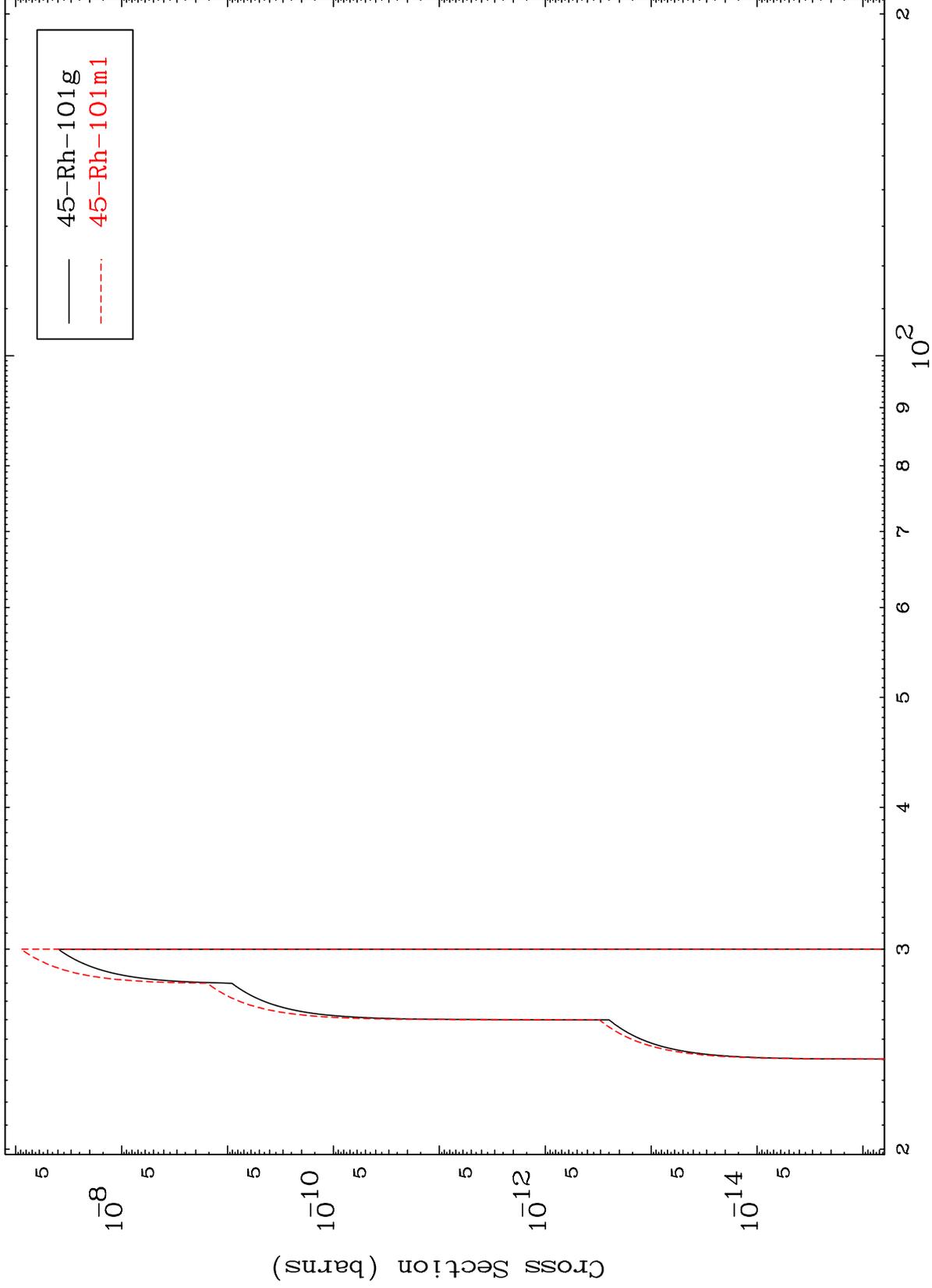
45-Rh-101

MAT 4520

(α, p) t

45-Rh-101

Radionuclide Production Cross Section



25

Incident Energy (MeV)

45-Rh-101