

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

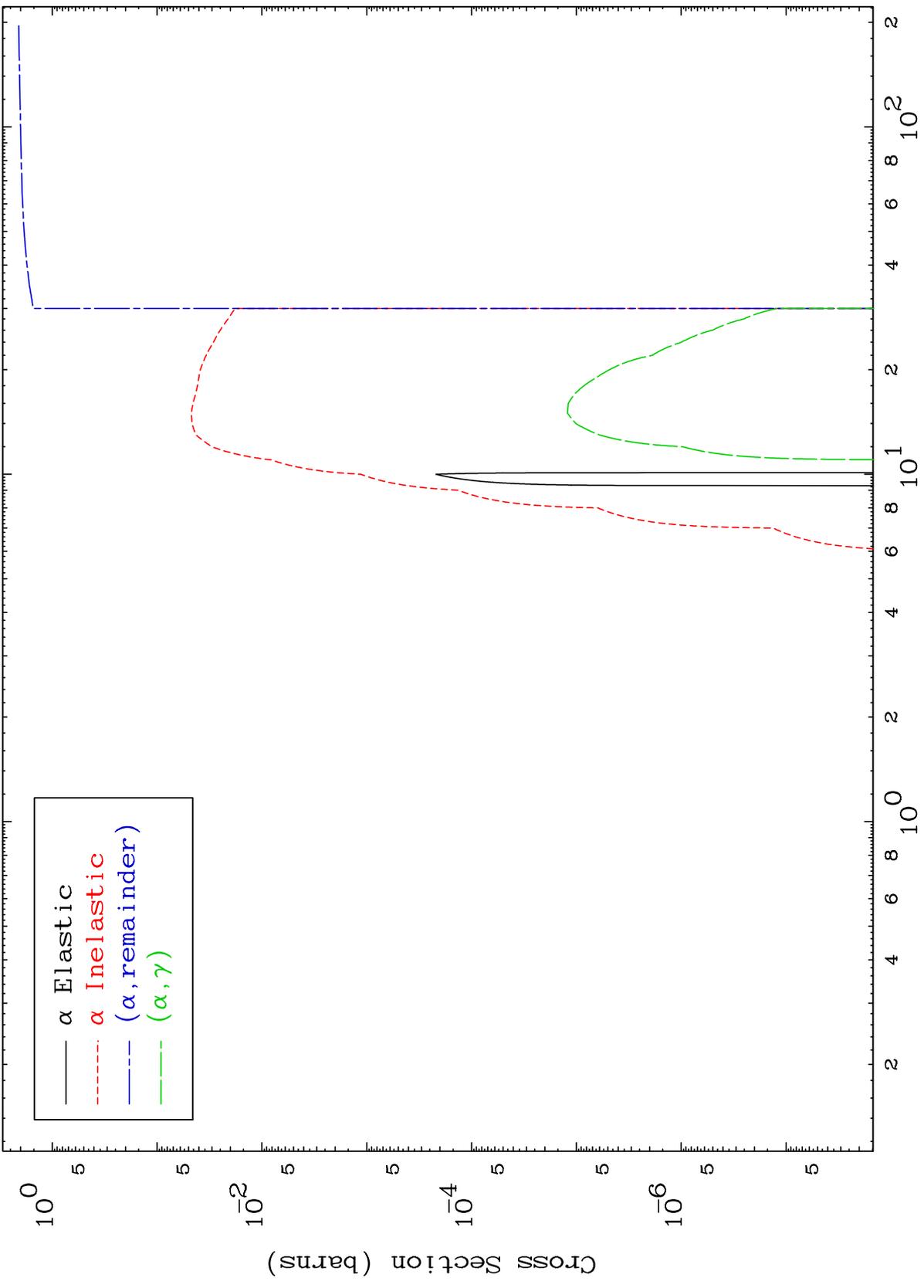
Press Mouse Button to Start

MAT 4458

α Major

44-Ru-107

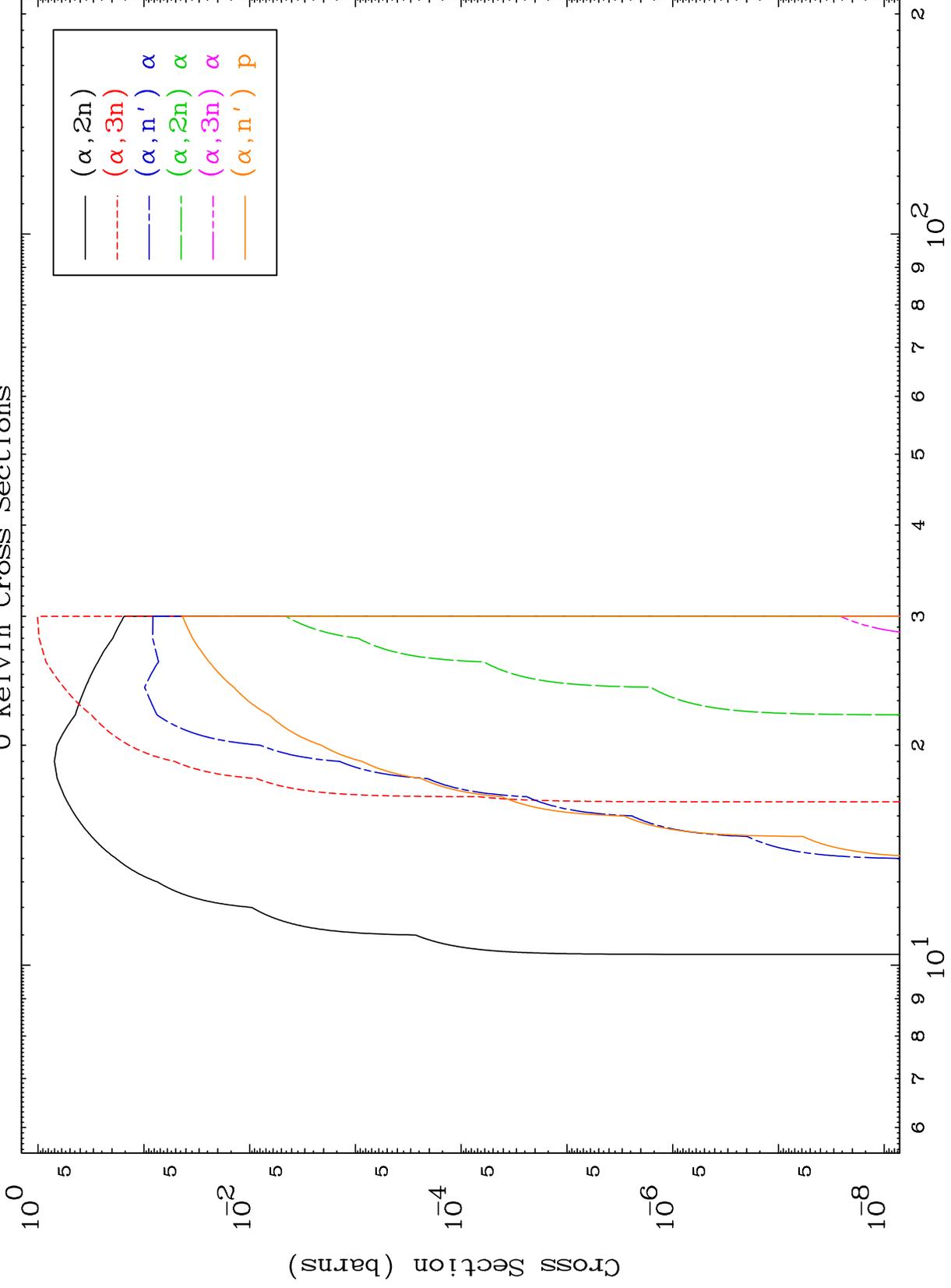
0 Kelvin Cross Sections

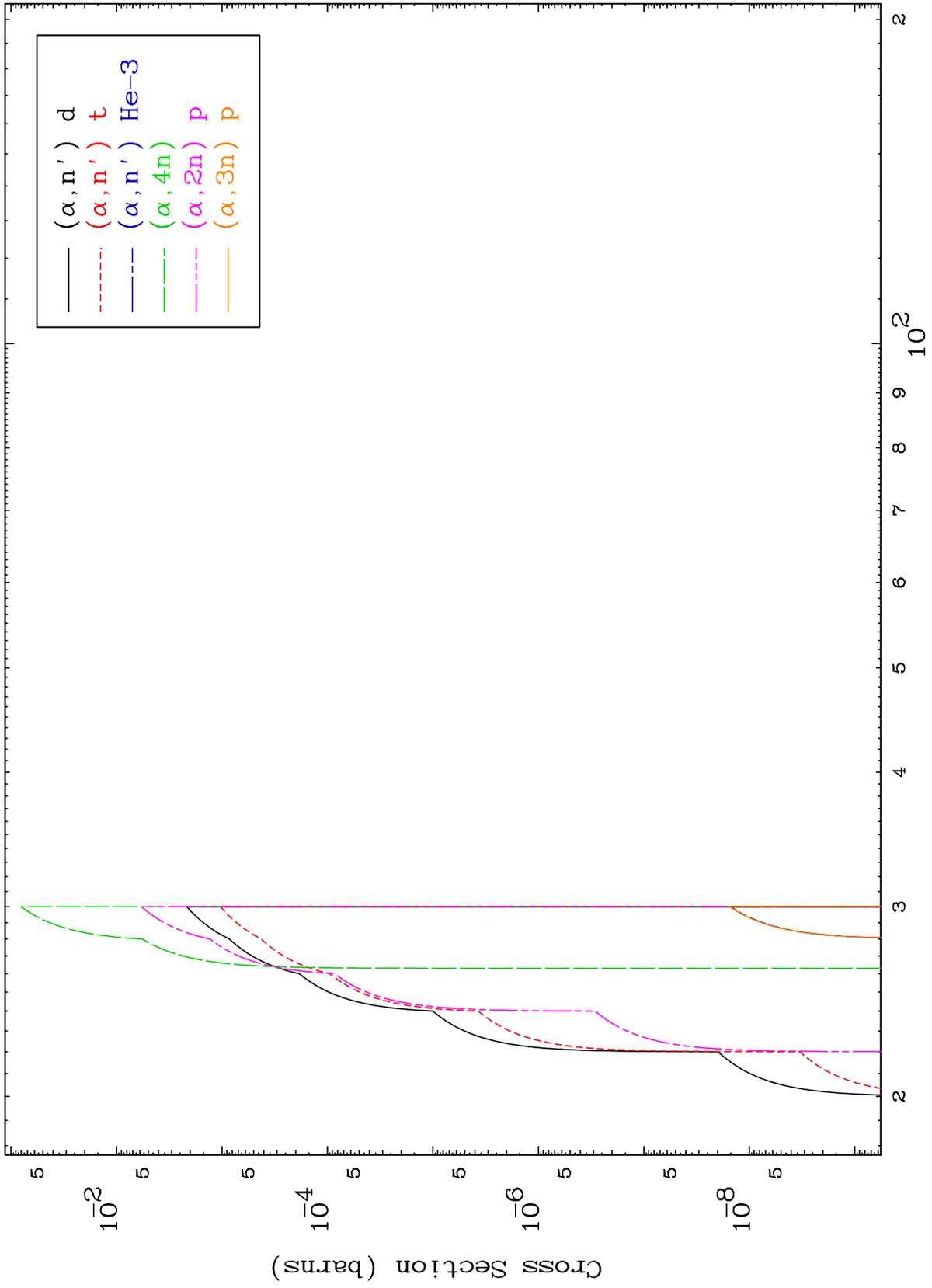


MAT 4458

α Neutron Production
0 Kelvin Cross Sections

44-Ru-107

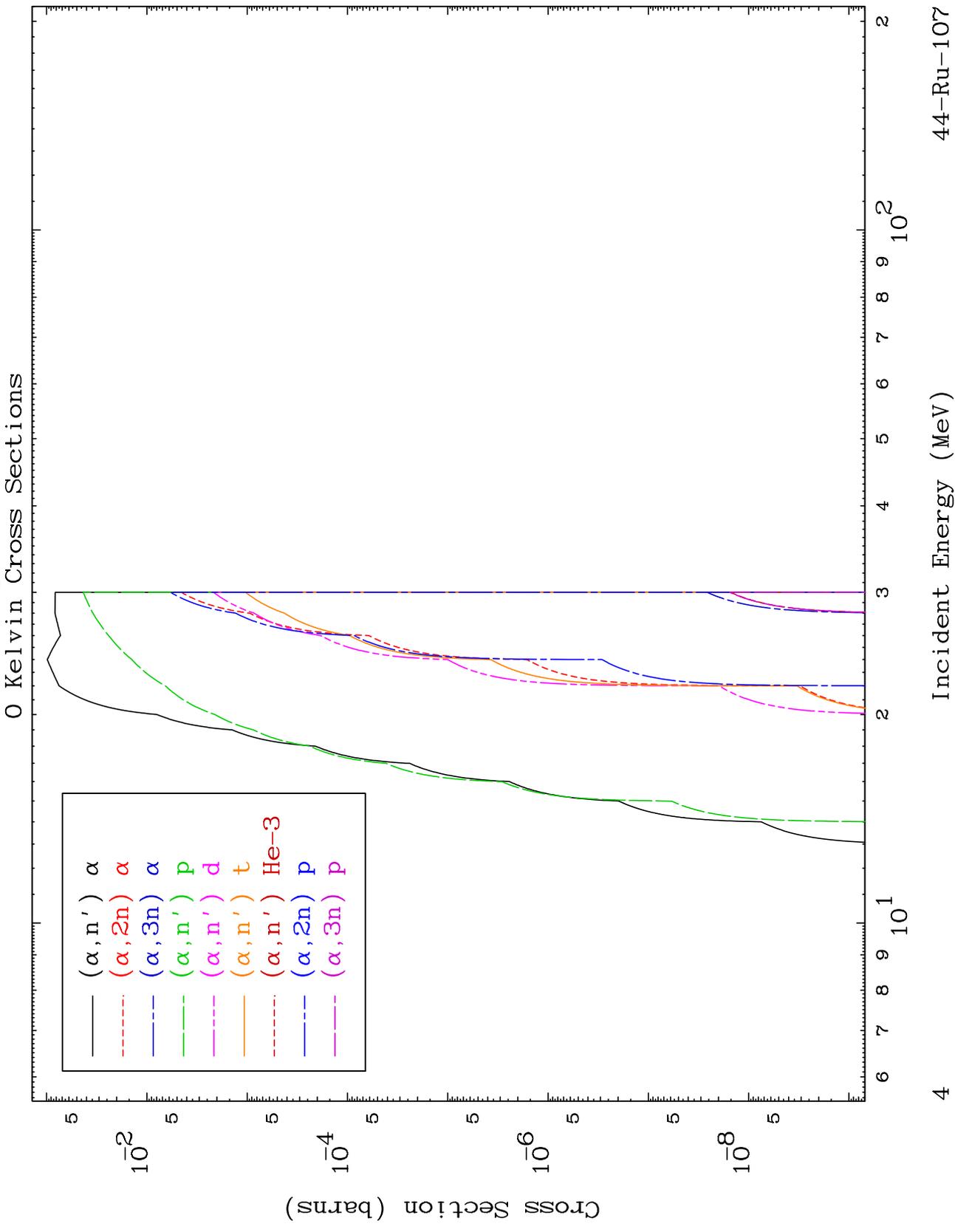




MAT 4458

α Charged Particle

44-Ru-107

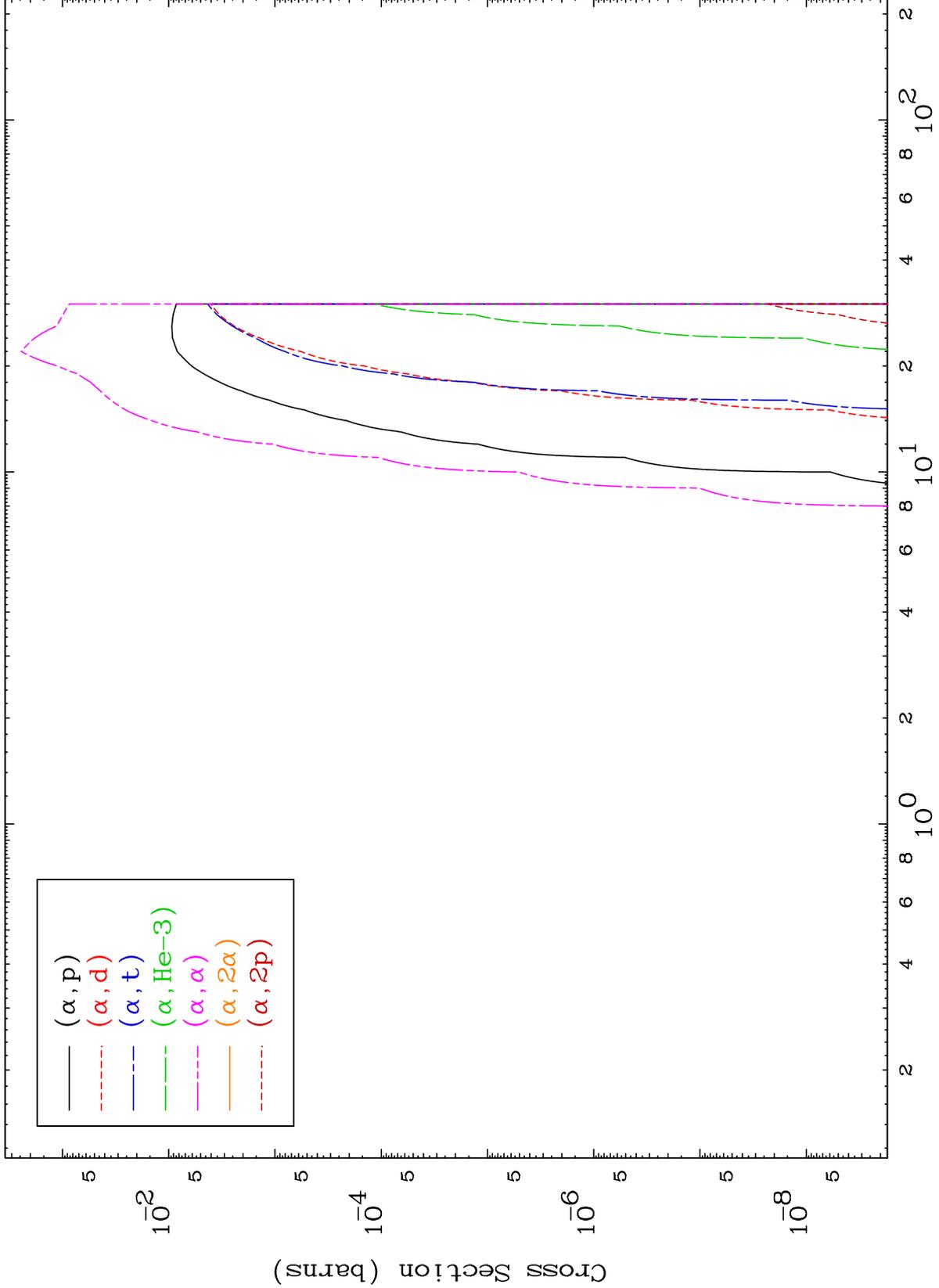


4

Incident Energy (MeV)

44-Ru-107

0 Kelvin Cross Sections

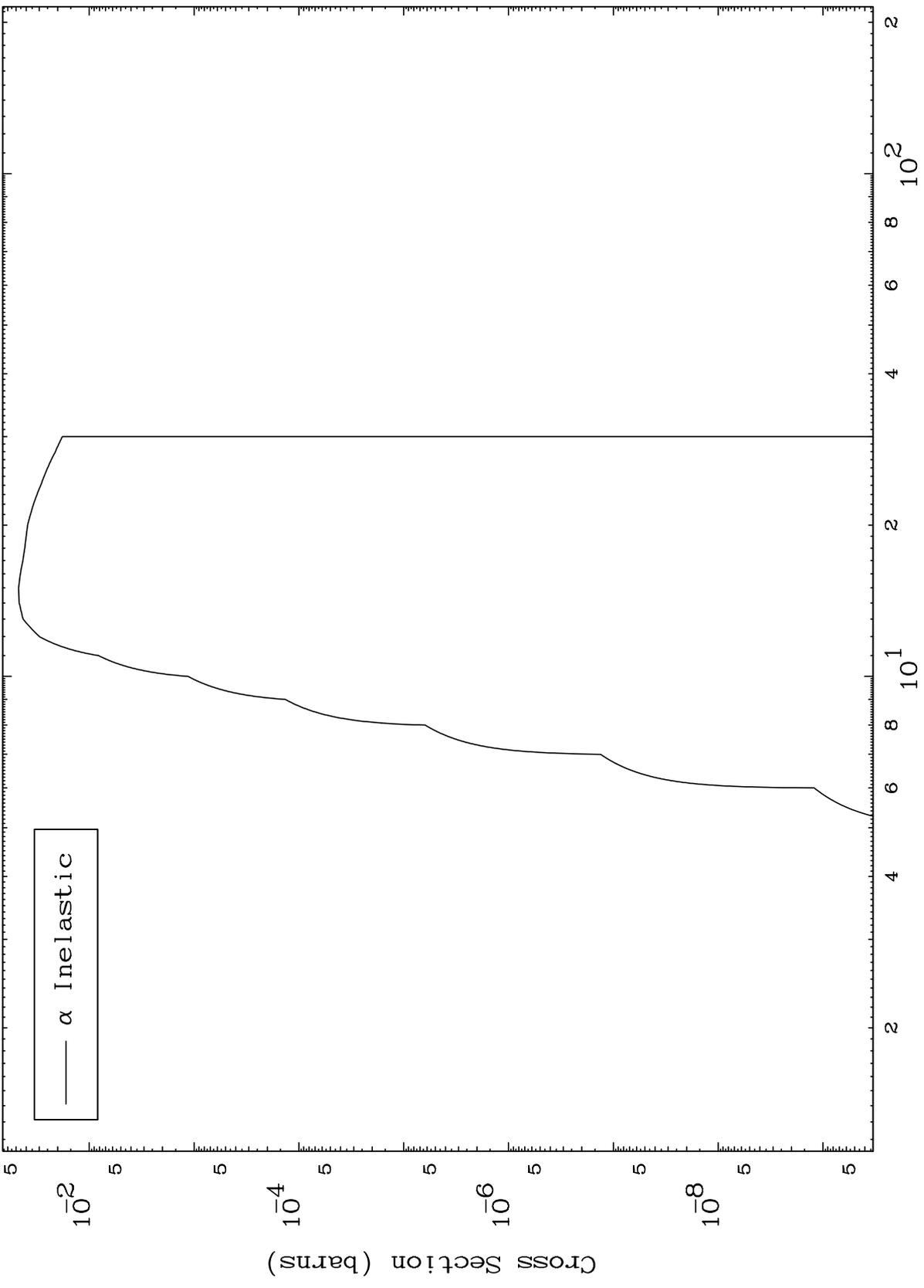


MAT 4458

(α, n') Level

44-Ru-107

0 Kelvin Cross Sections



6

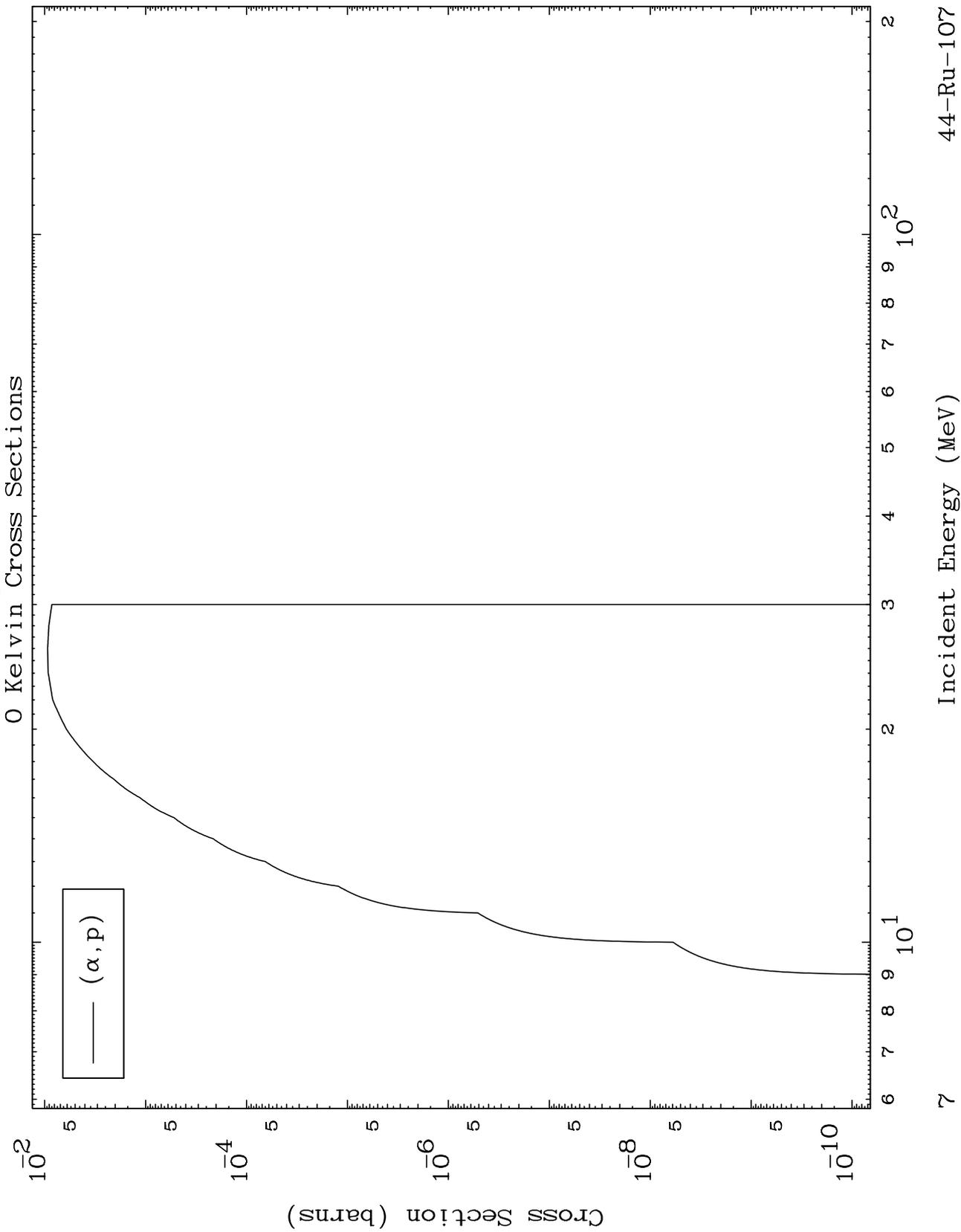
Incident Energy (MeV)

44-Ru-107

MAT 4458

(α, p) Levels

44-Ru-107

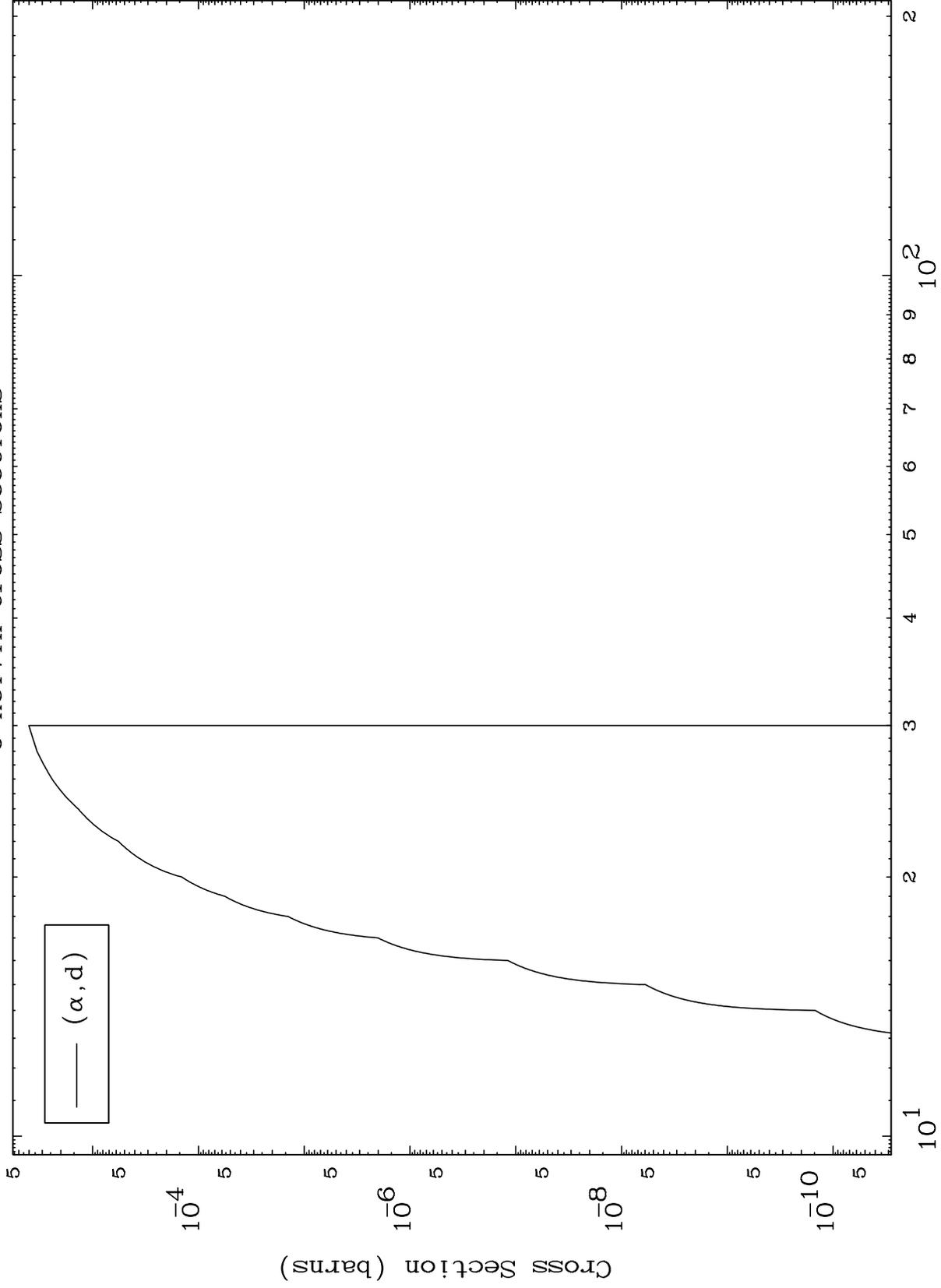


MAT 4458

(α, d) Levels

44-Ru-107

0 Kelvin Cross Sections



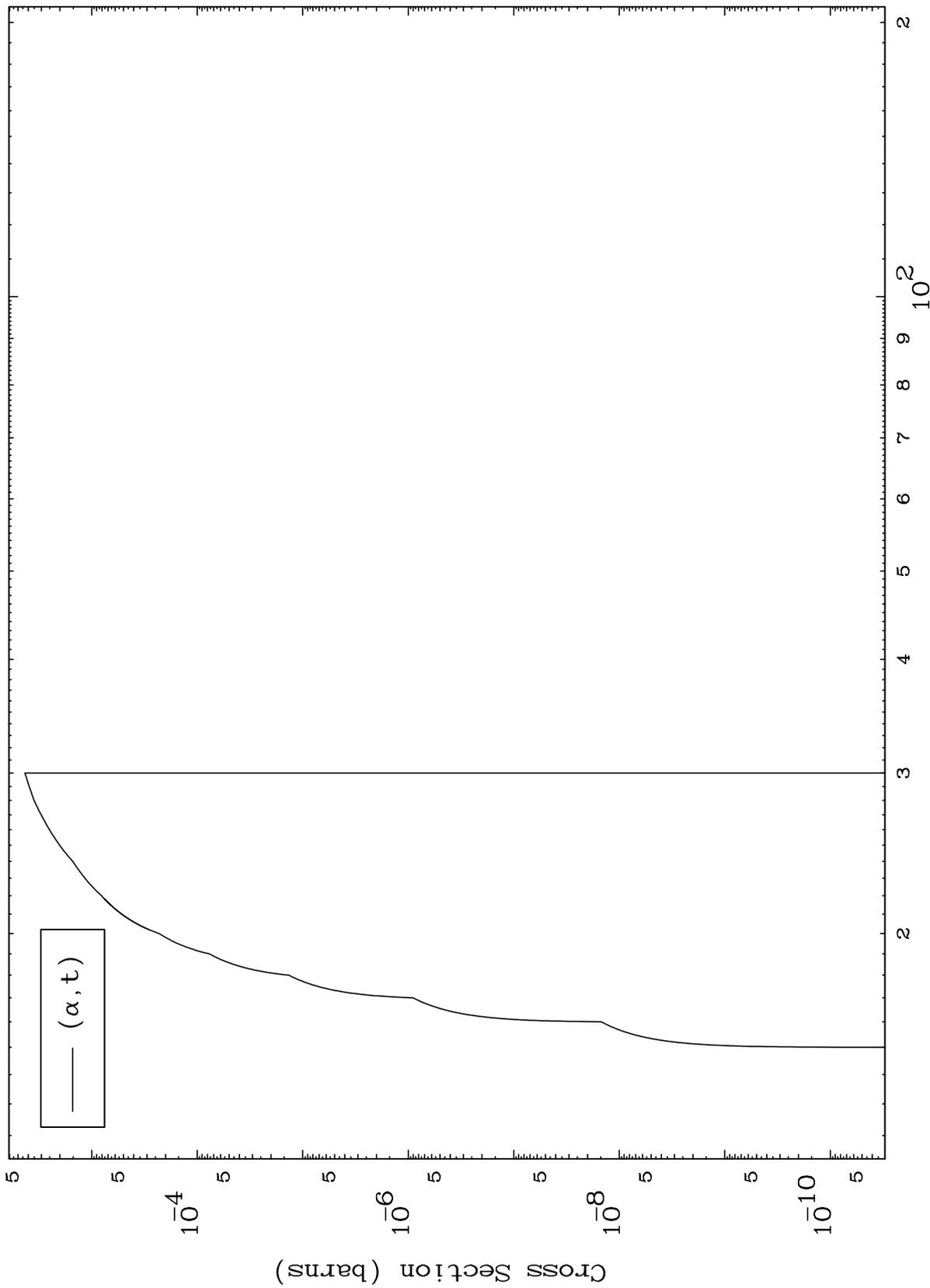
Incident Energy (MeV)

44-Ru-107

MAT 4458

44-Ru-107

(α, t) Levels
0 Kelvin Cross Sections



44-Ru-107

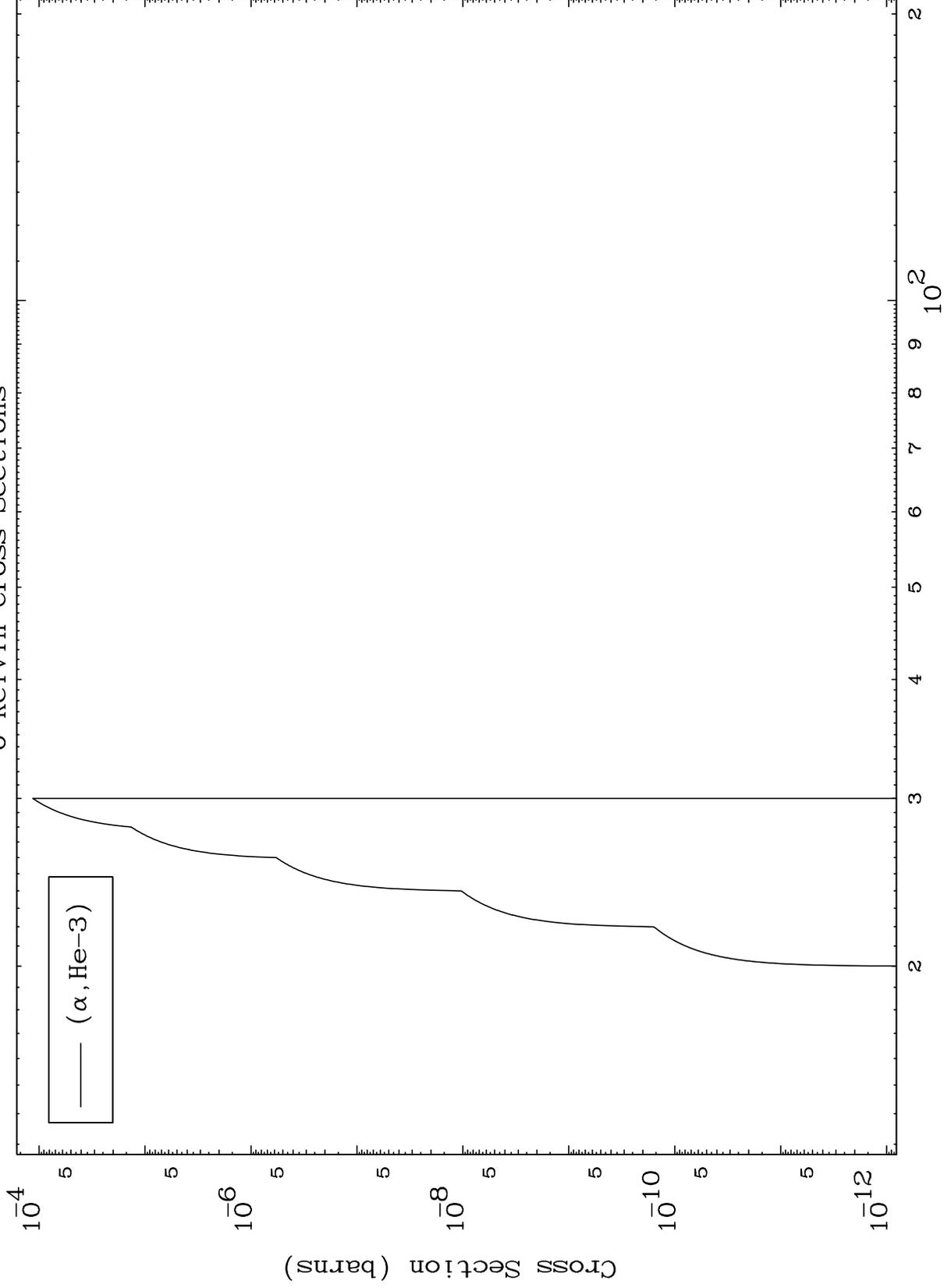
Incident Energy (MeV)

9

MAT 4458

(α ,He3) Levels
0 Kelvin Cross Sections

44-Ru-107



10

Incident Energy (MeV)

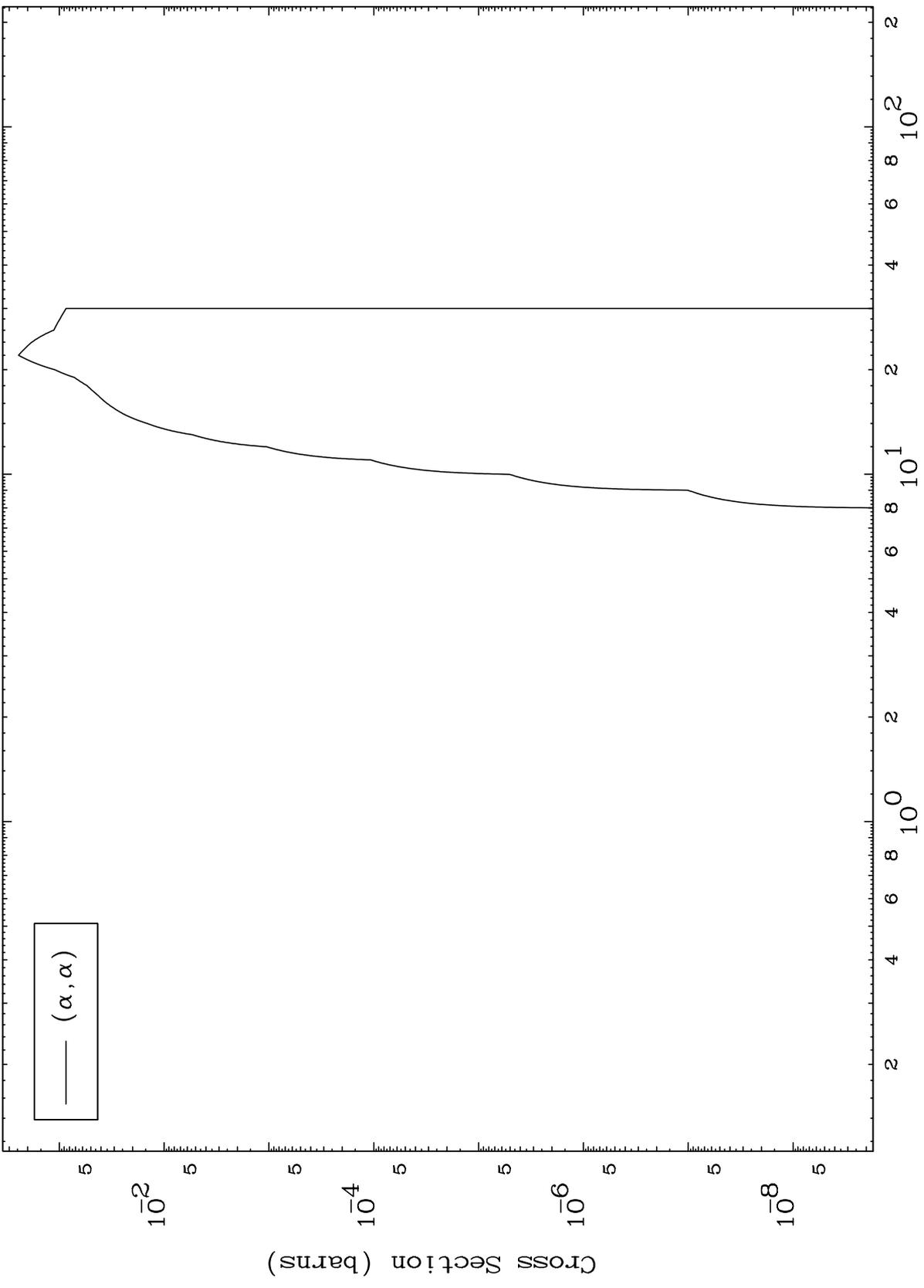
44-Ru-107

MAT 4458

(α, α) Levels

44-Ru-107

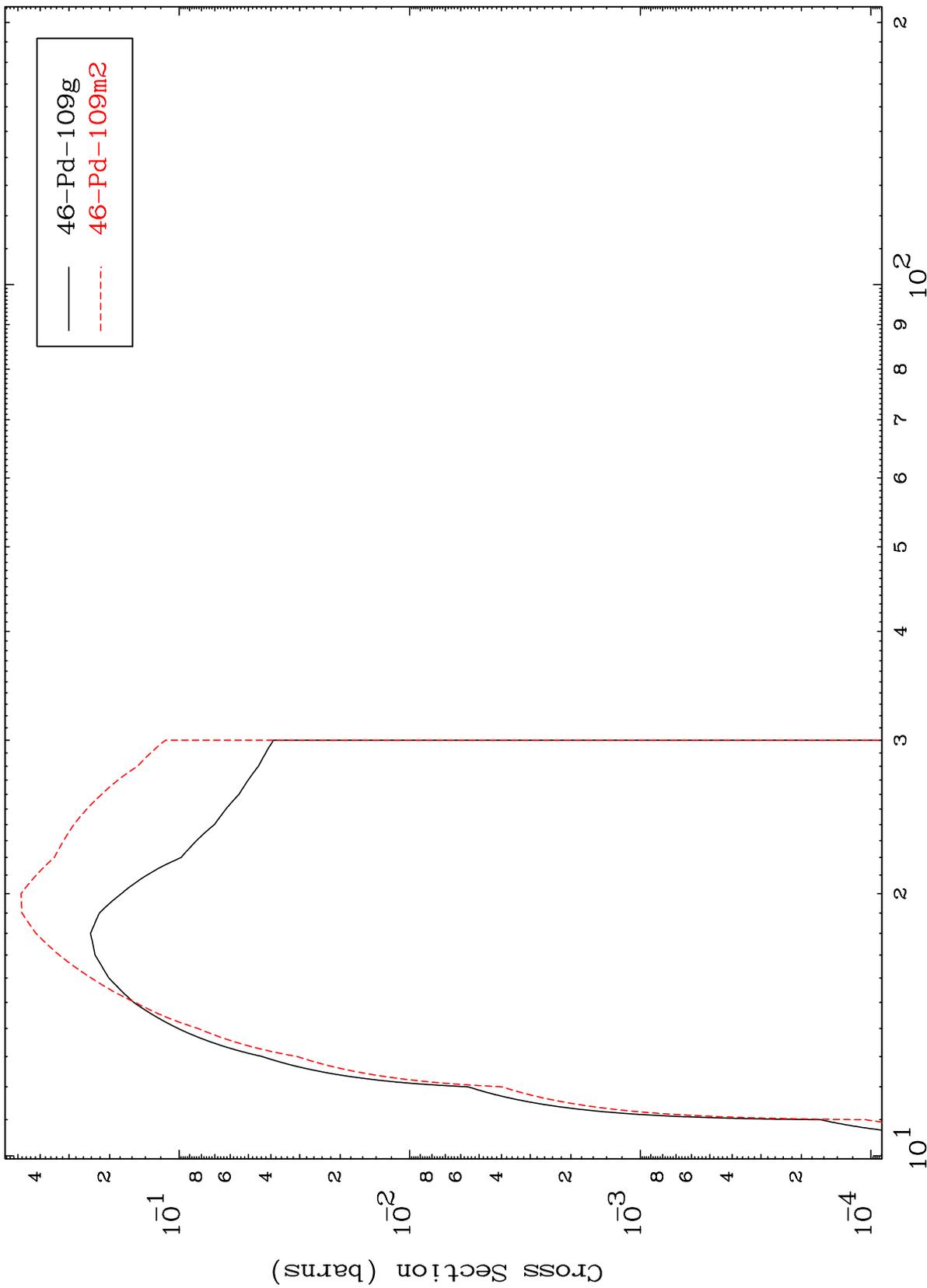
0 Kelvin Cross Sections



MAT 4458

44-Ru-107

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



— 46-Pd-109g
- - - 46-Pd-109m2

44-Ru-107

Incident Energy (MeV)

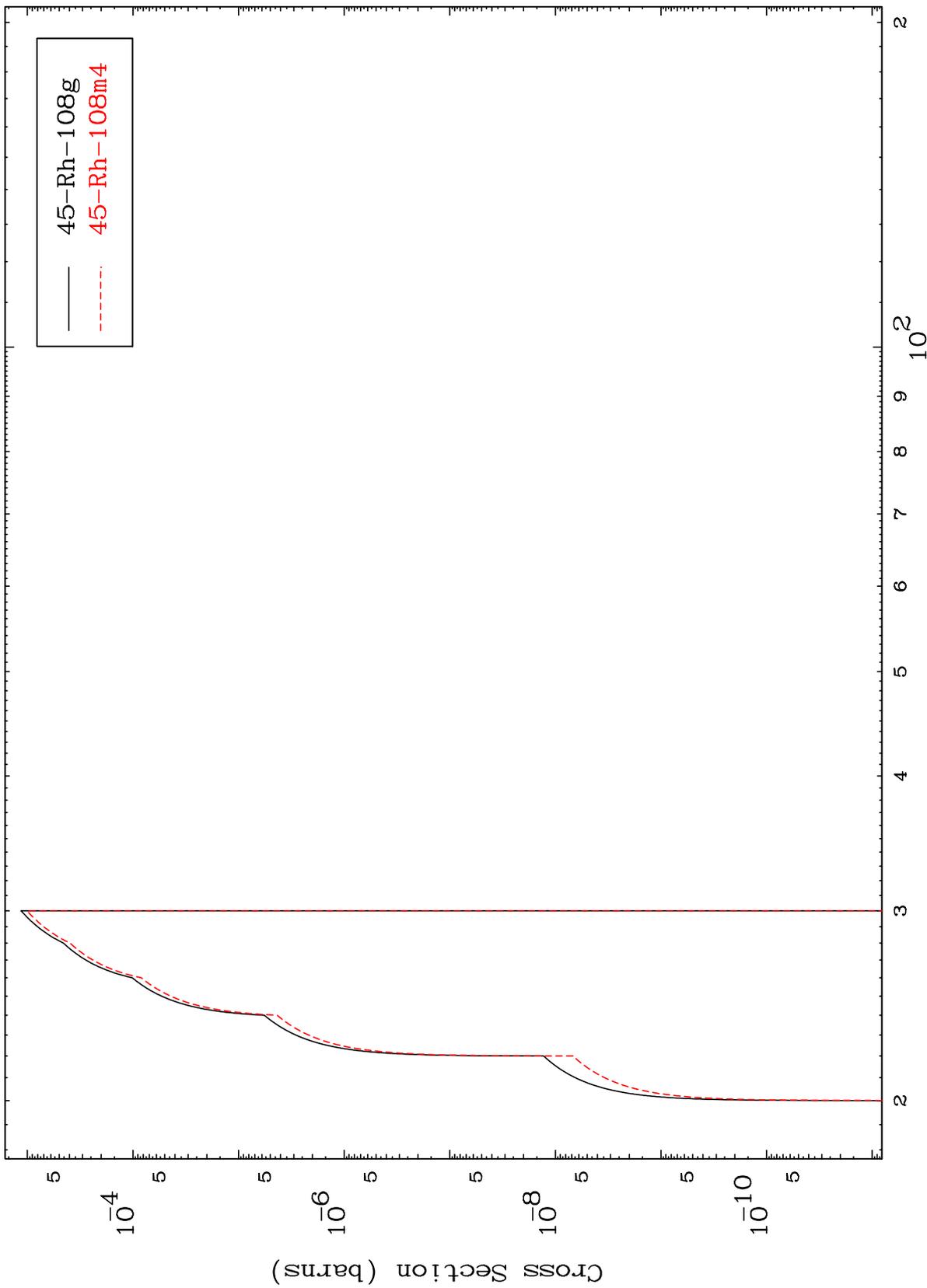
12

MAT 4458

(α, n') d

44-Ru-107

Radionuclide Production Cross Section



13

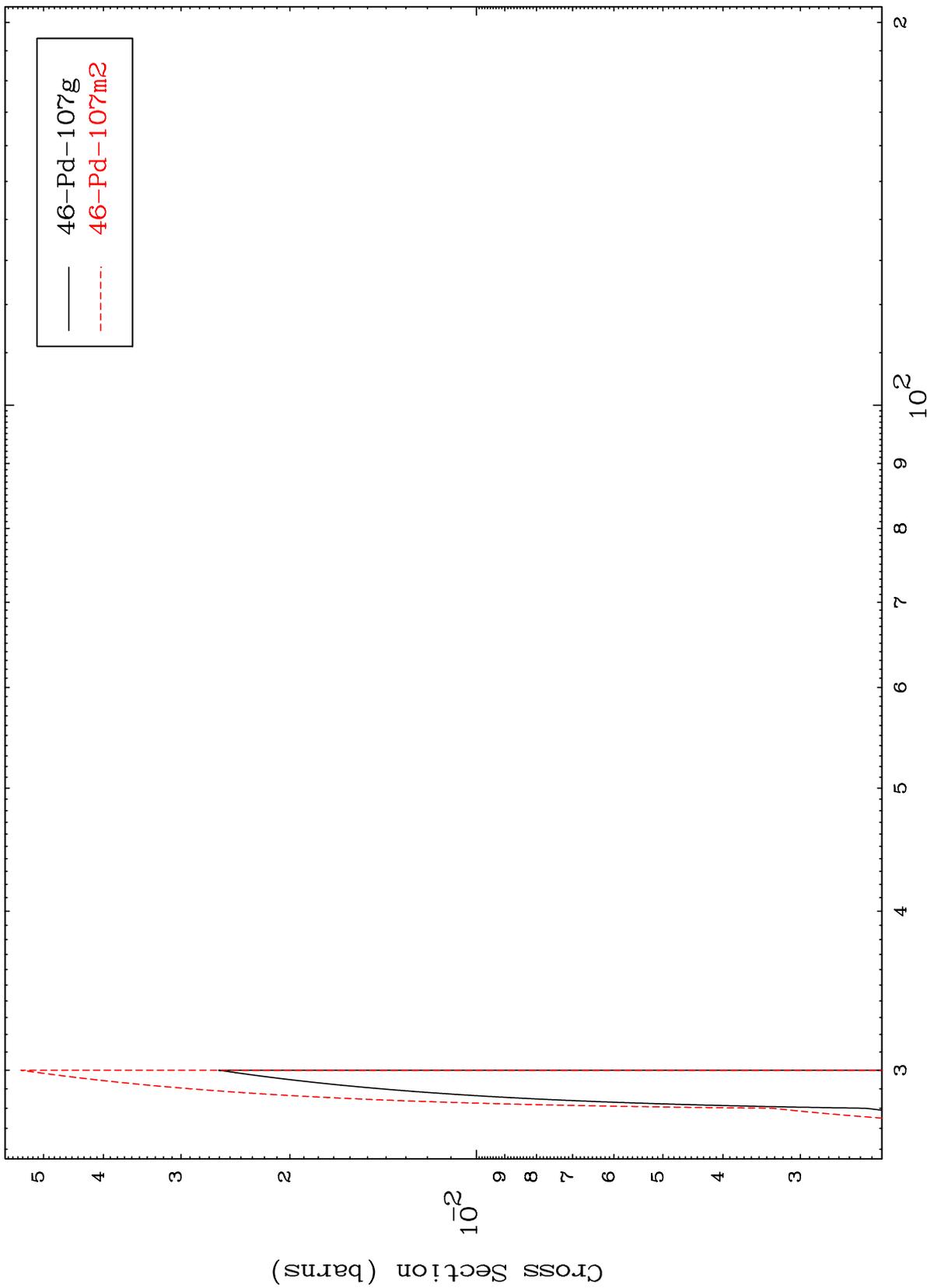
Incident Energy (MeV)

44-Ru-107

MAT 4458

44-Ru-107

($\alpha, 4n$)
Radionuclide Production Cross Section



44-Ru-107

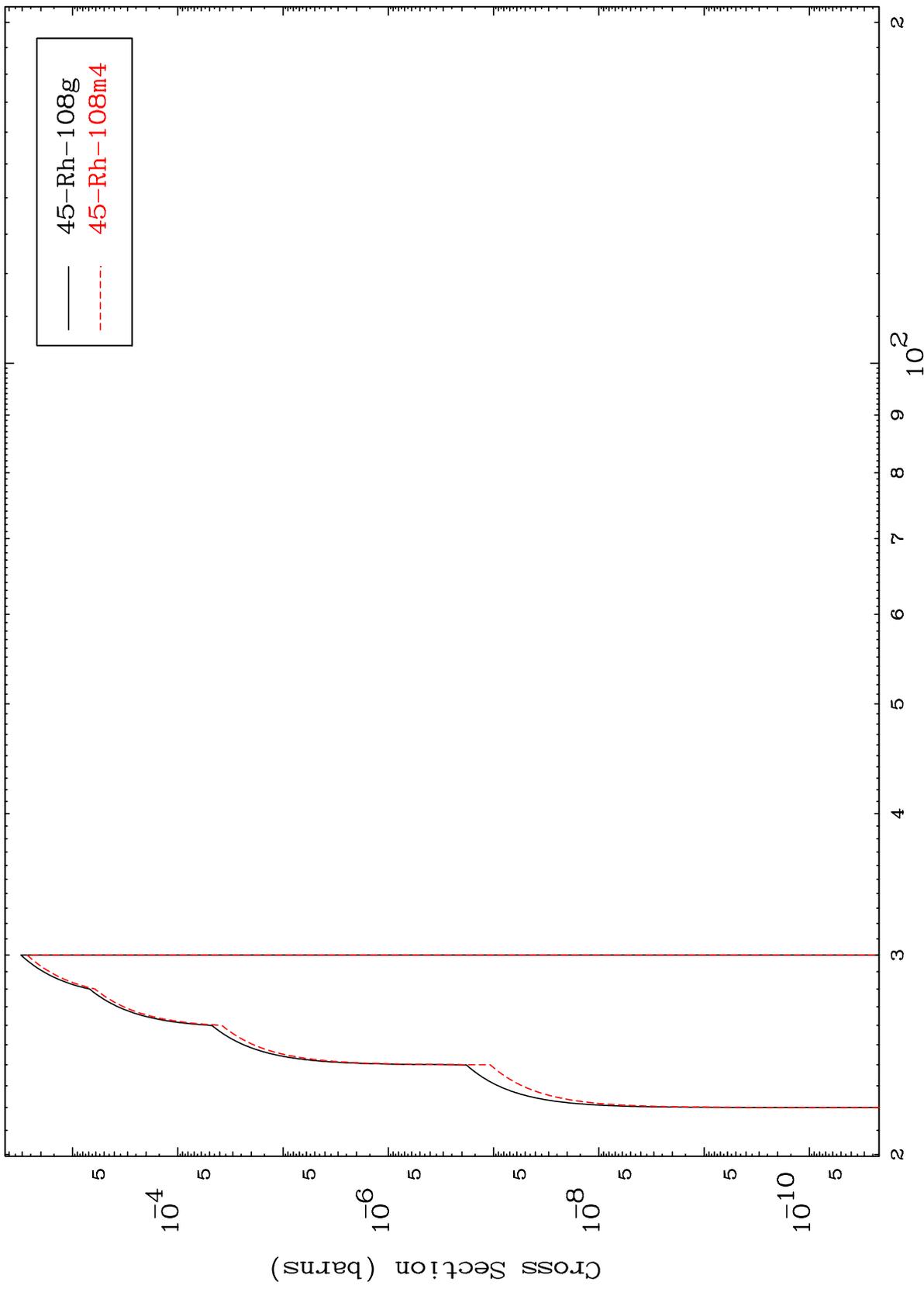
Incident Energy (MeV)

14

MAT 4458

44-Ru-107

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



44-Ru-107

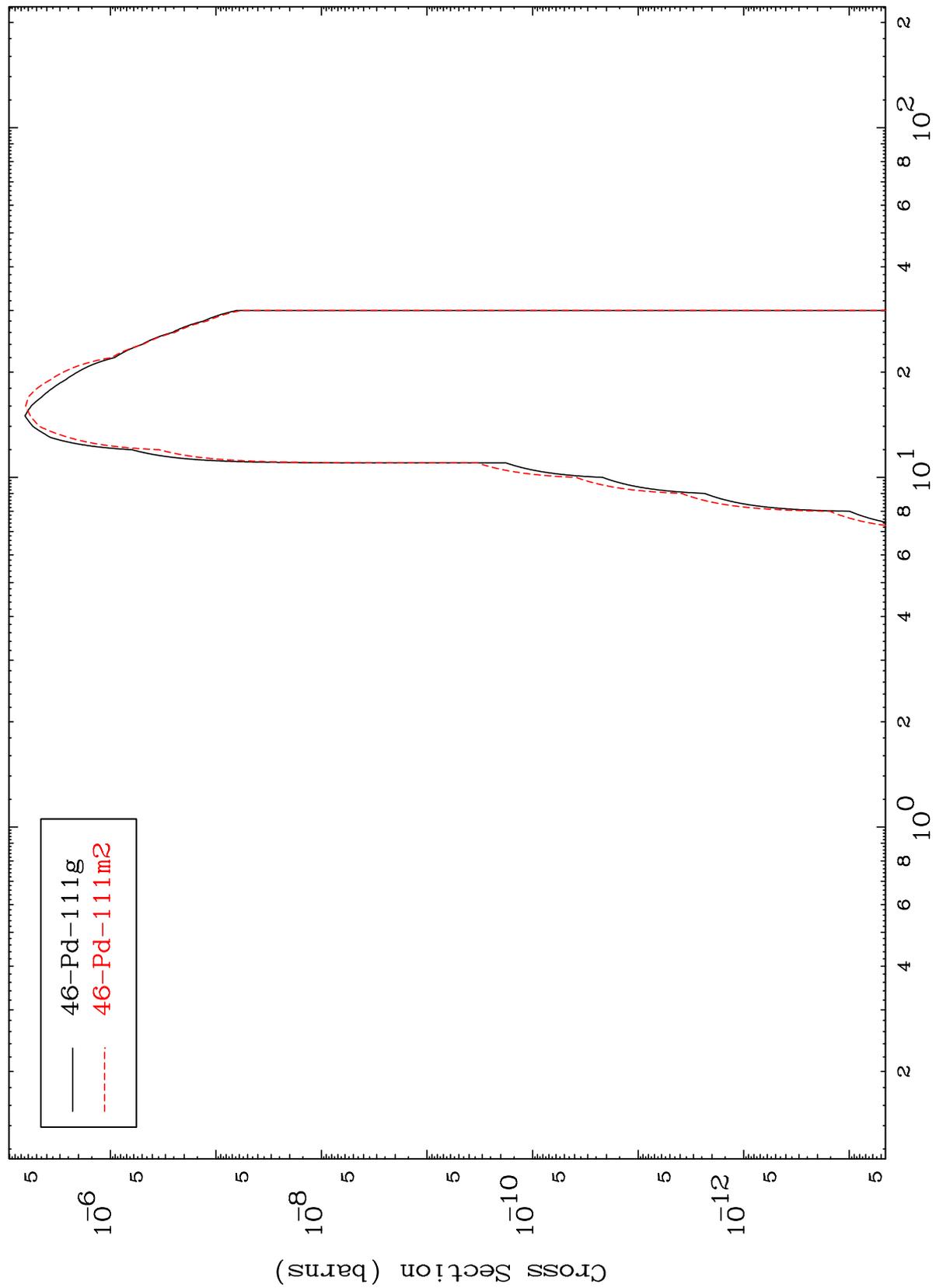
Incident Energy (MeV)

15

MAT 4458

44-Ru-107

(α, γ)
Radionuclide Production Cross Section



16

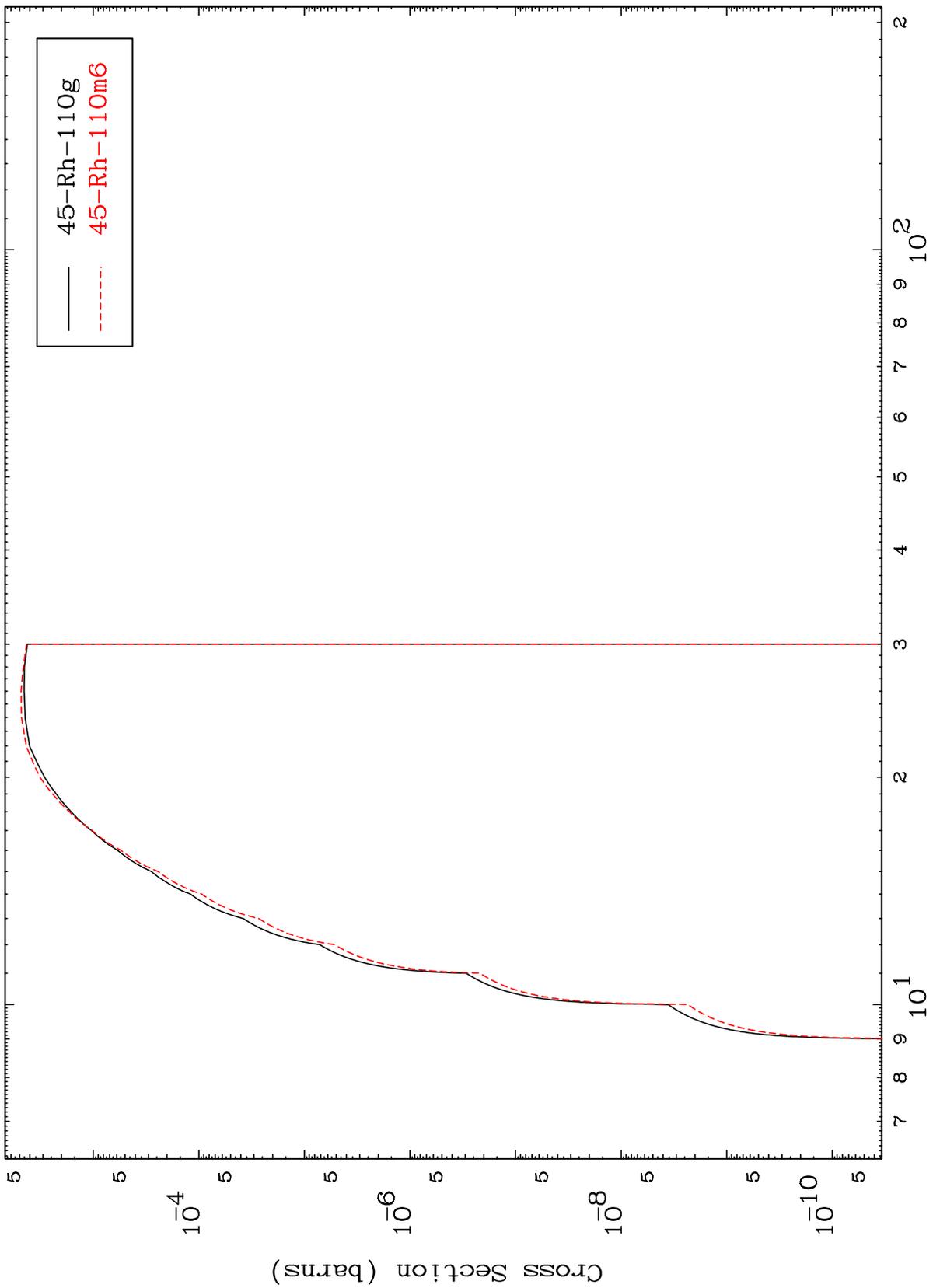
44-Ru-107

Incident Energy (MeV)

MAT 4458

44-Ru-107

(α, p)
Radionuclide Production Cross Section



17

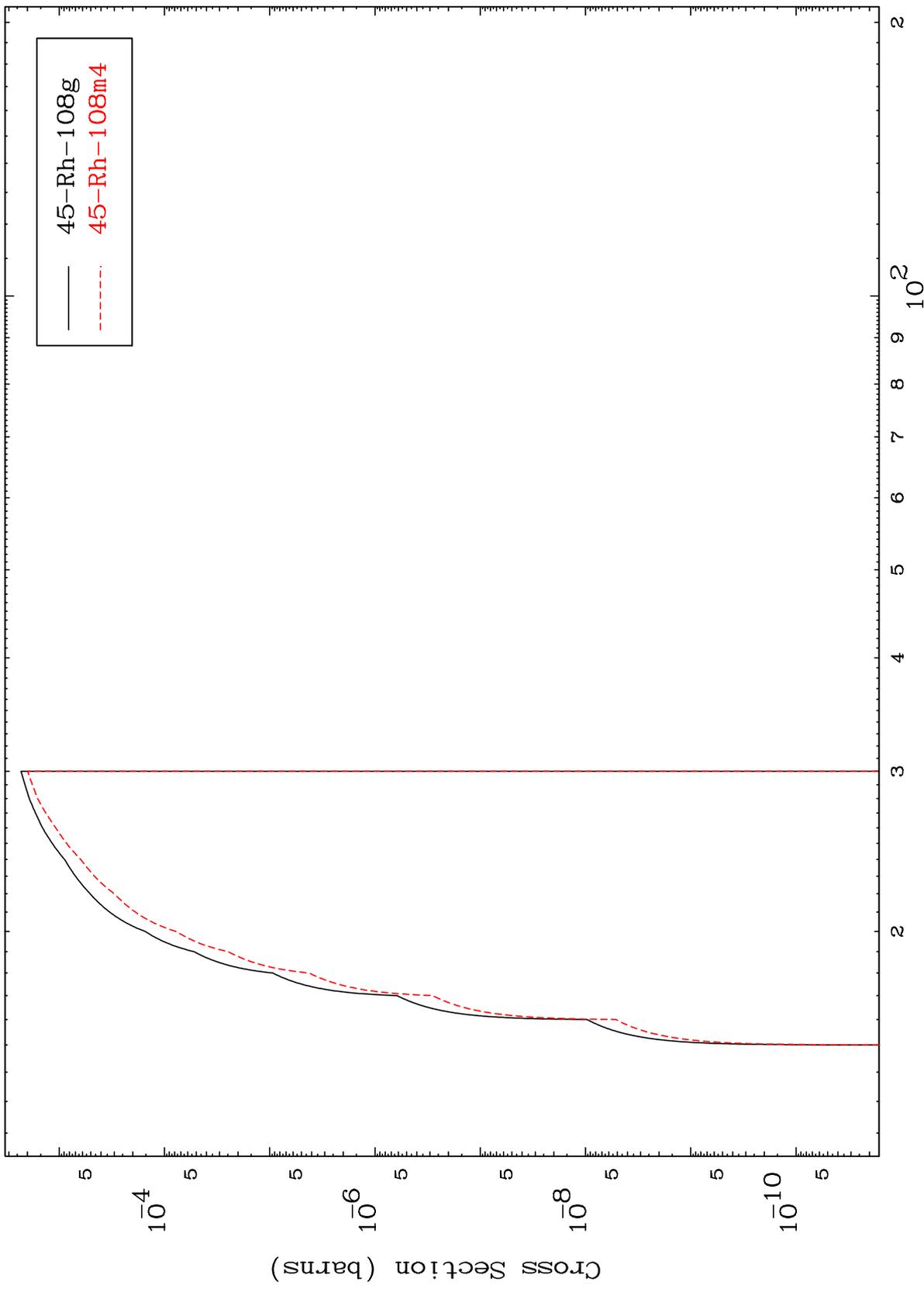
Incident Energy (MeV)

44-Ru-107

MAT 4458

44-Ru-107

(α, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

44-Ru-107