

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

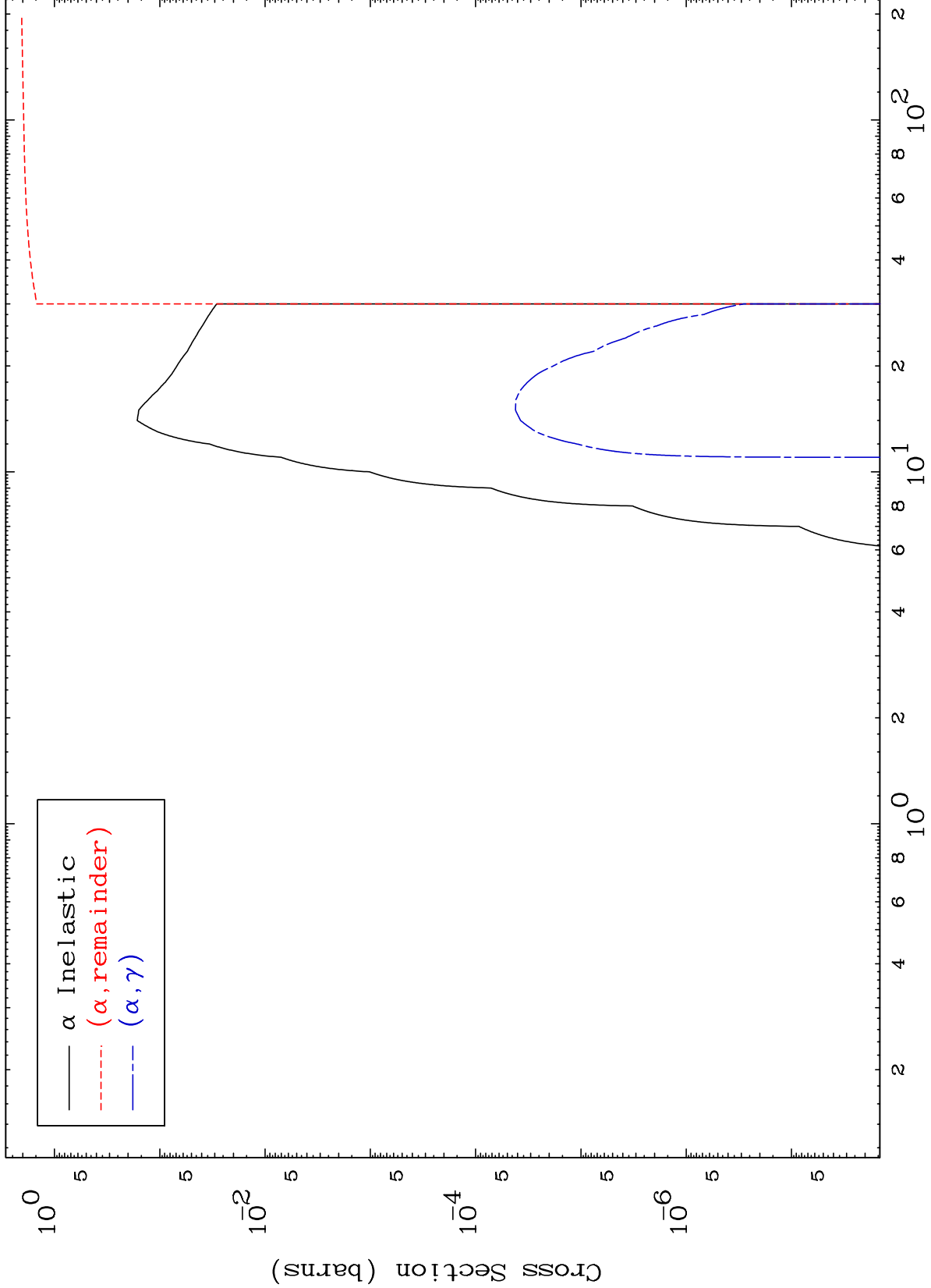
Press Mouse Button to Start

MAT 4446

α Major

44-Ru-103

0 Kelvin Cross Sections

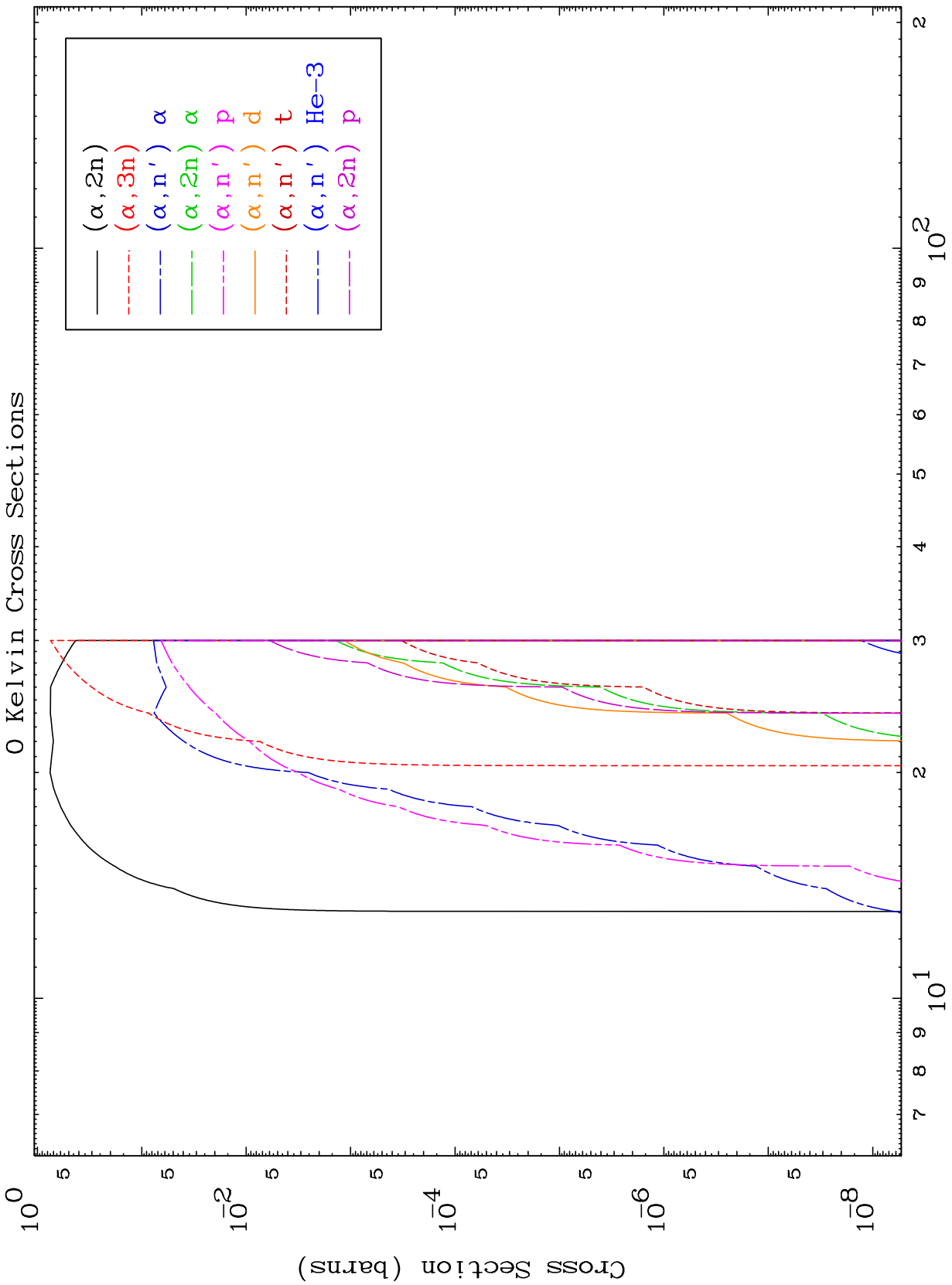


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 4446

α Neutron Production
0 Kelvin Cross Sections

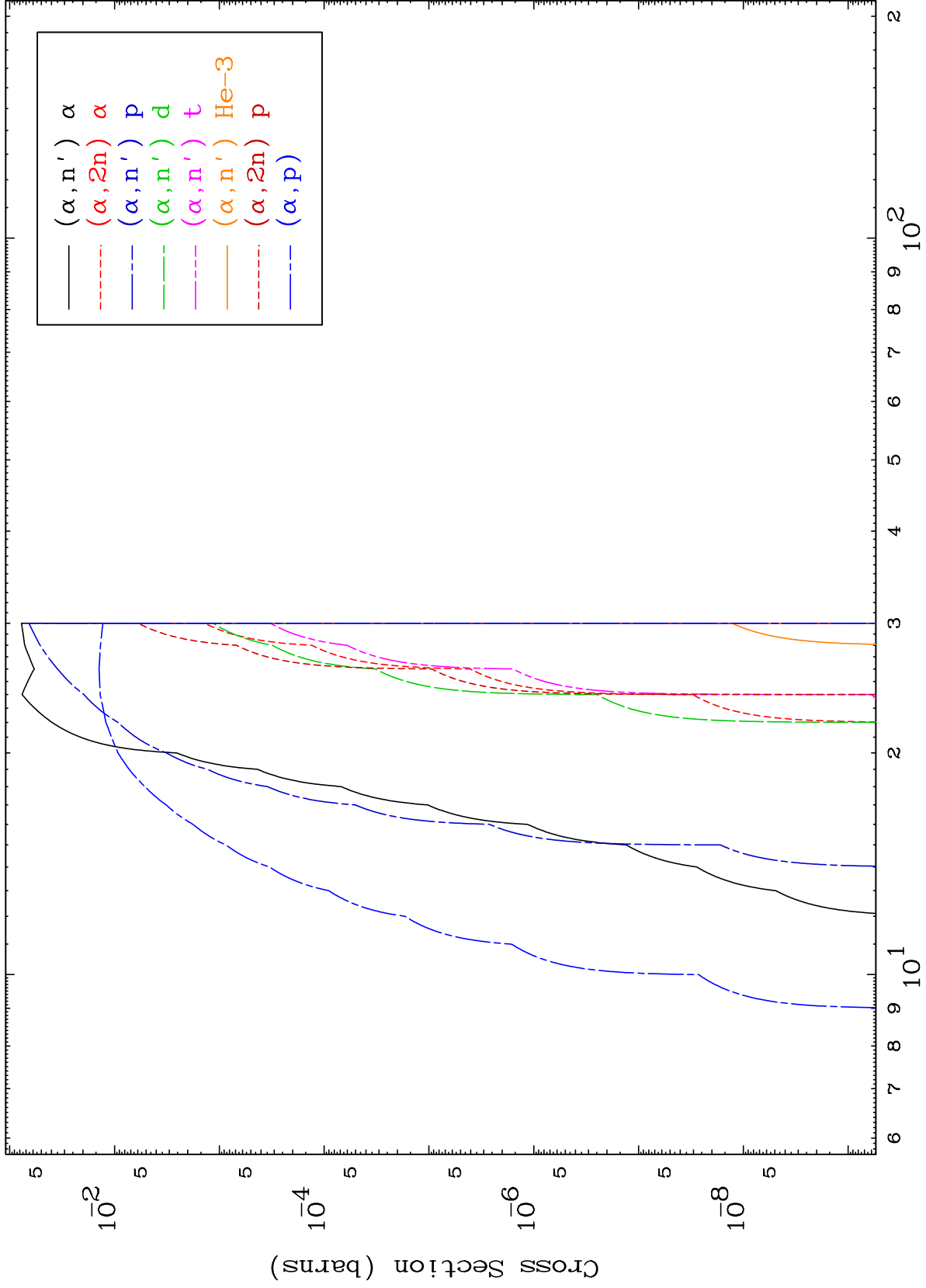
44-Ru-103



2

Incident Energy (MeV)

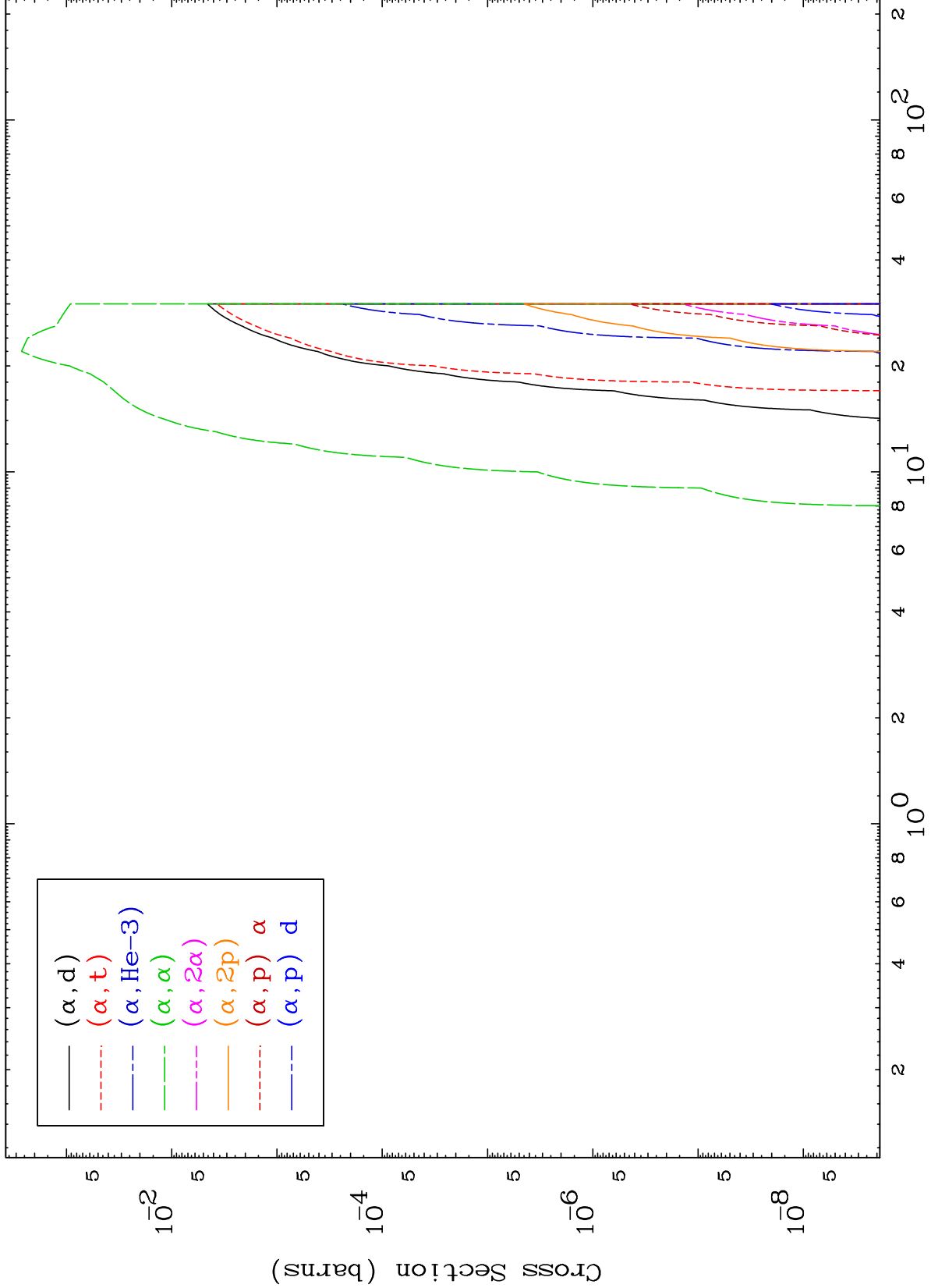
44-Ru-103



MAT 4446

α Charged Particle
0 Kelvin Cross Sections

44-Ru-103



Incident Energy (MeV)

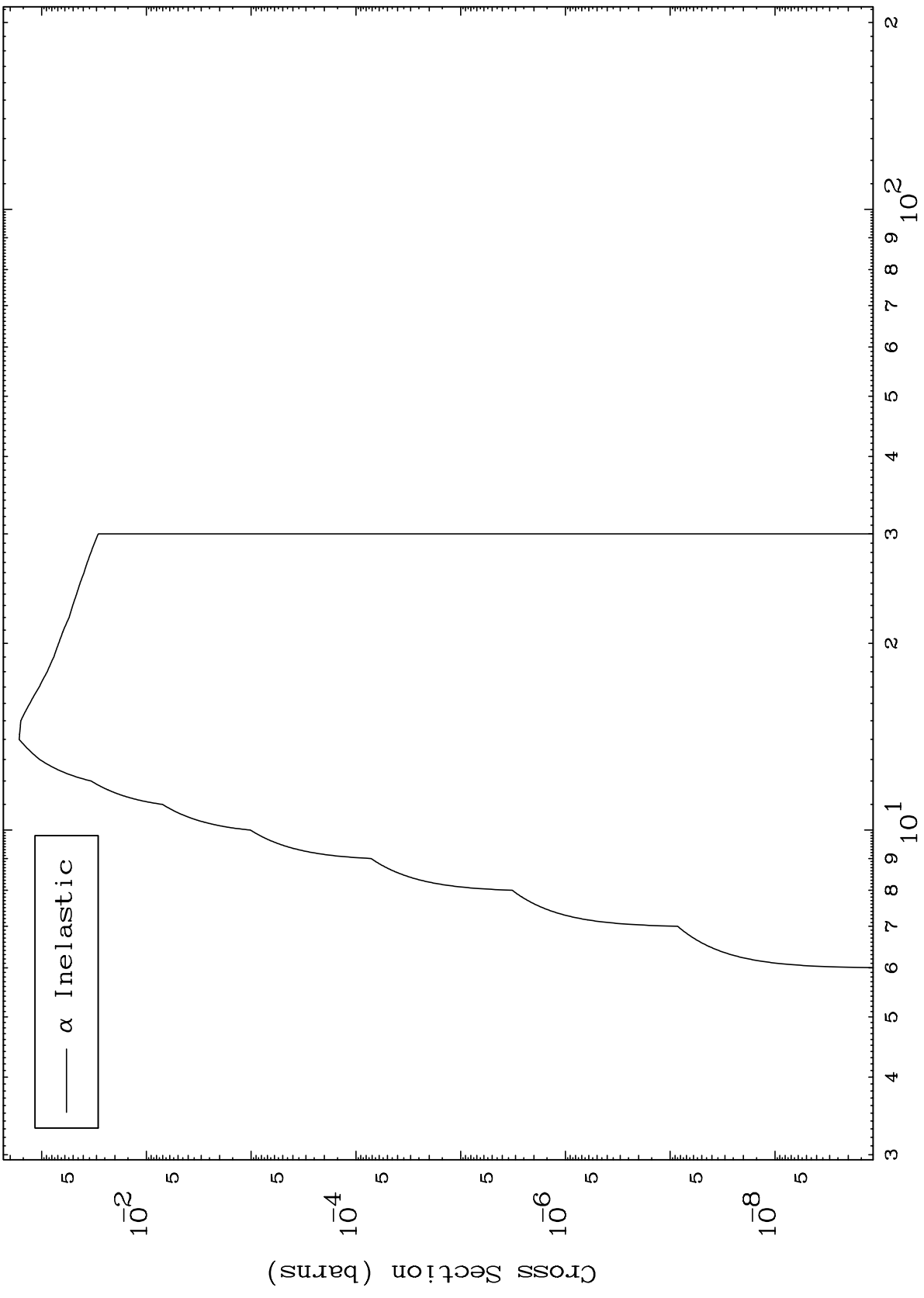
44-Ru-103

MAT 4446

(α, n') Level

44-Ru-103

0 Kelvin Cross Sections



5

Incident Energy (MeV)

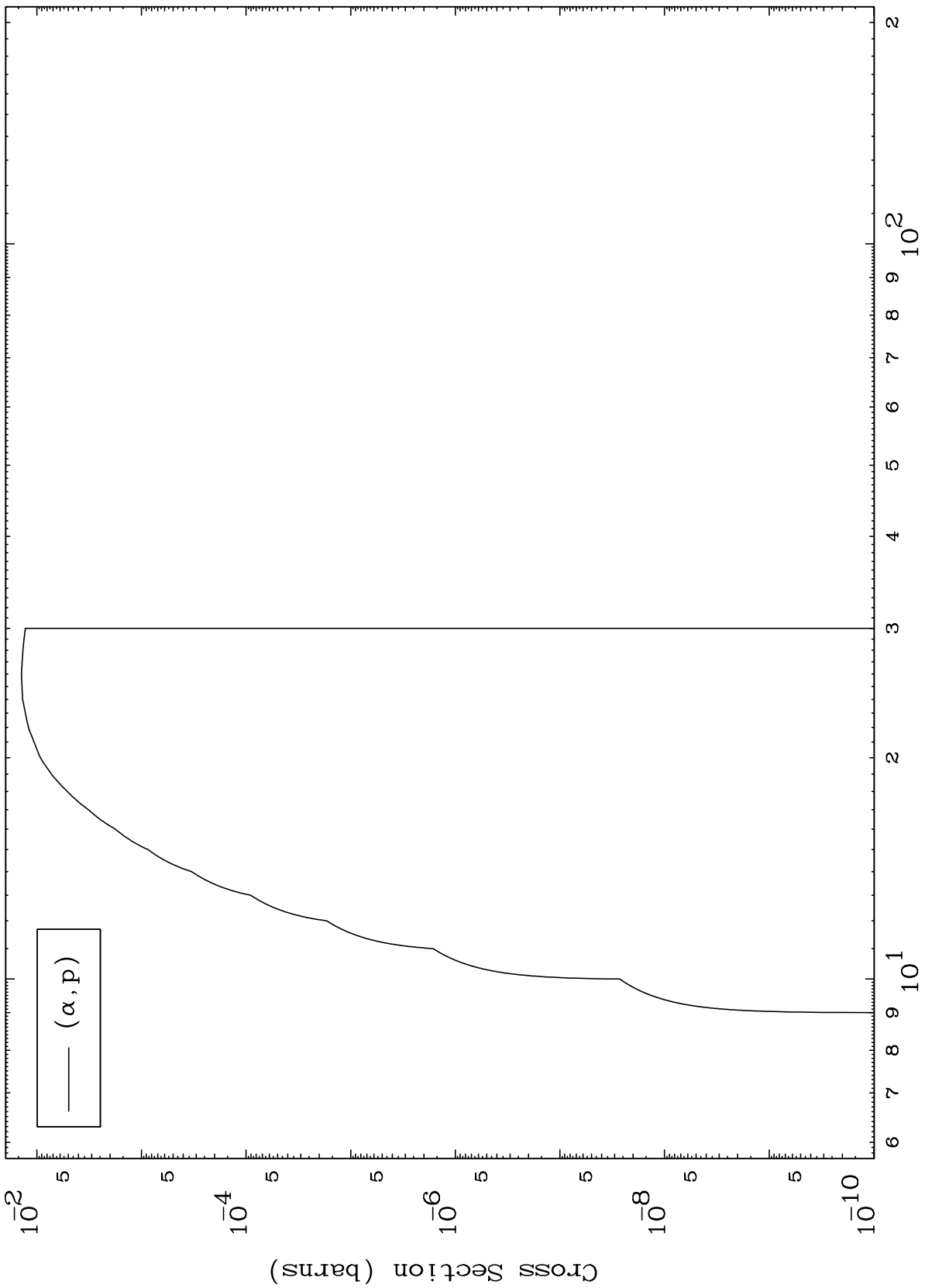
44-Ru-103

MAT 4446

(α, p) Levels

44-Ru-103

0 Kelvin Cross Sections



Incident Energy (MeV)

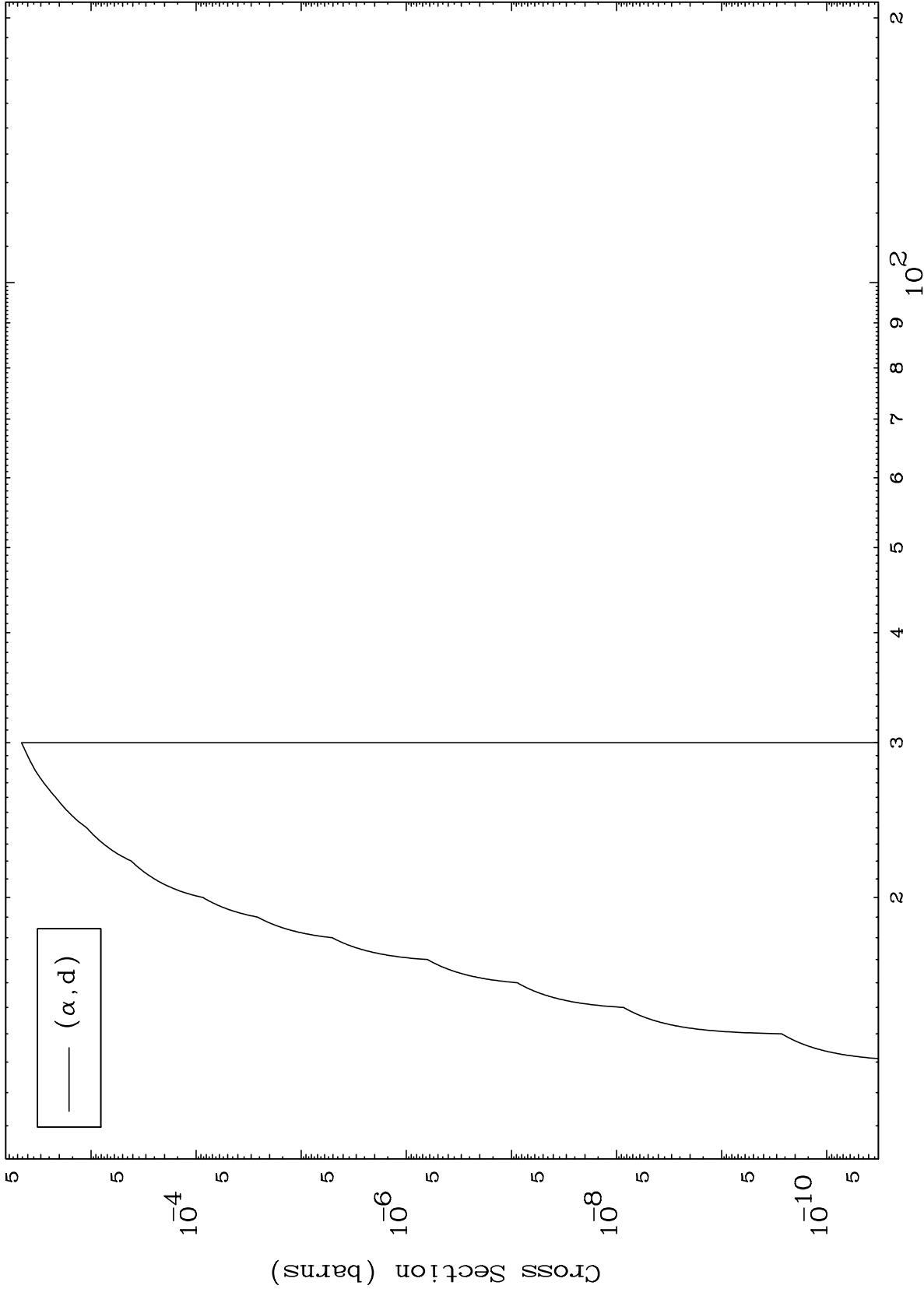
44-Ru-103

6

MAT 4446

(α, d) Levels
0 Kelvin Cross Sections

44-Ru-103

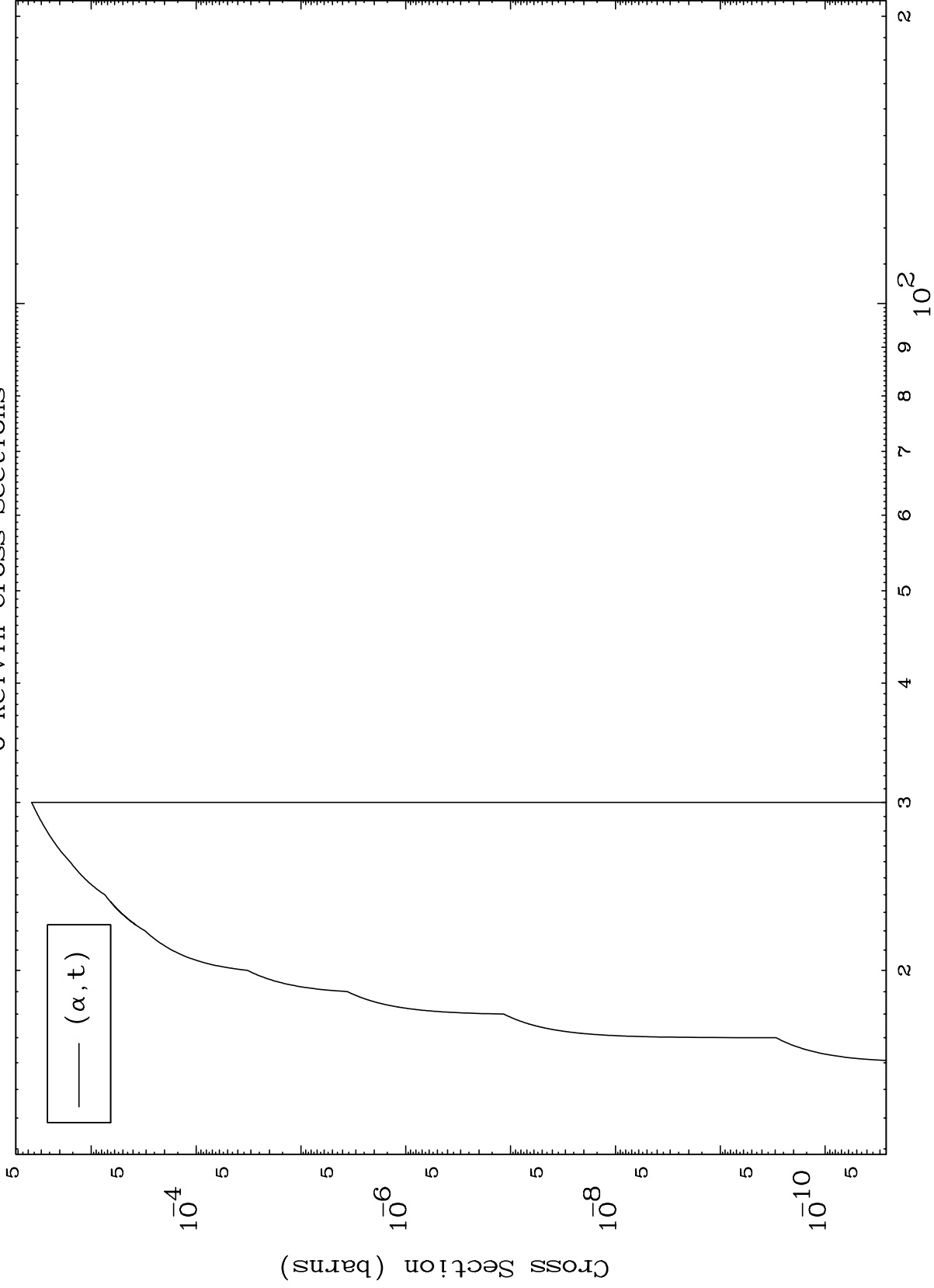


MAT 4446

(α, t) Levels

44-Ru-103

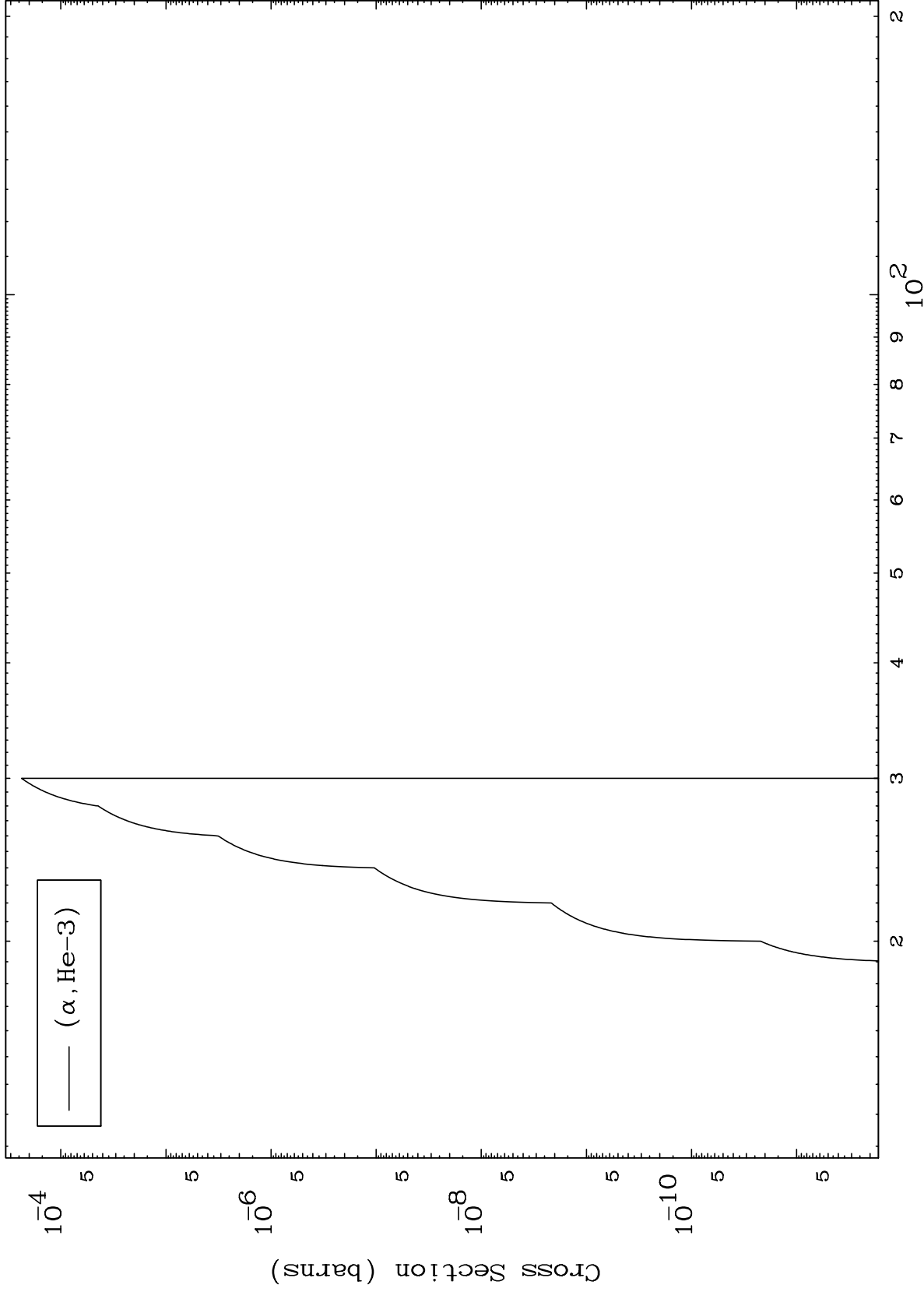
0 Kelvin Cross Sections



8

Incident Energy (MeV)

44-Ru-103

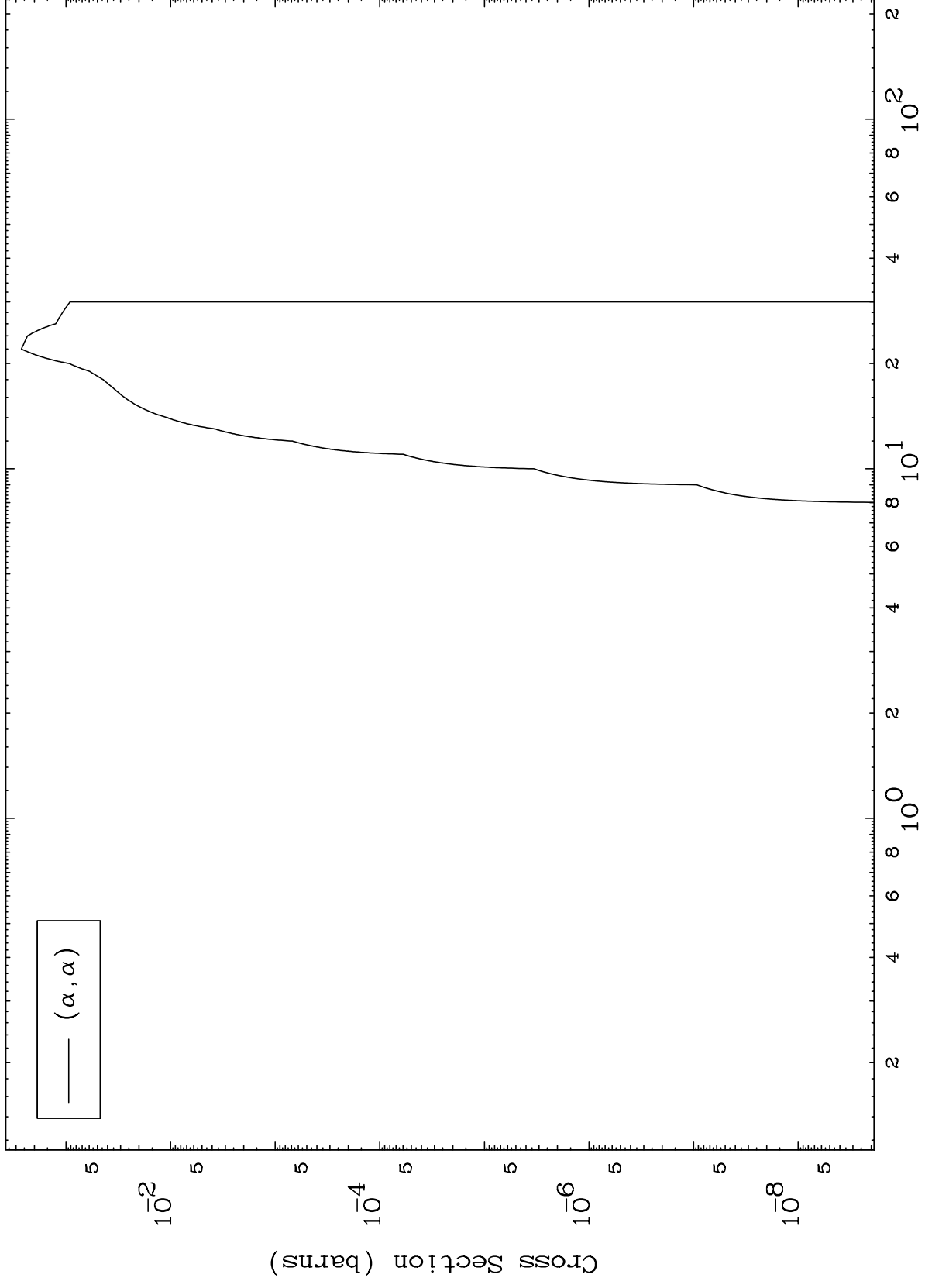


MAT 4446

(α, α) Levels

44-Ru-103

0 Kelvin Cross Sections

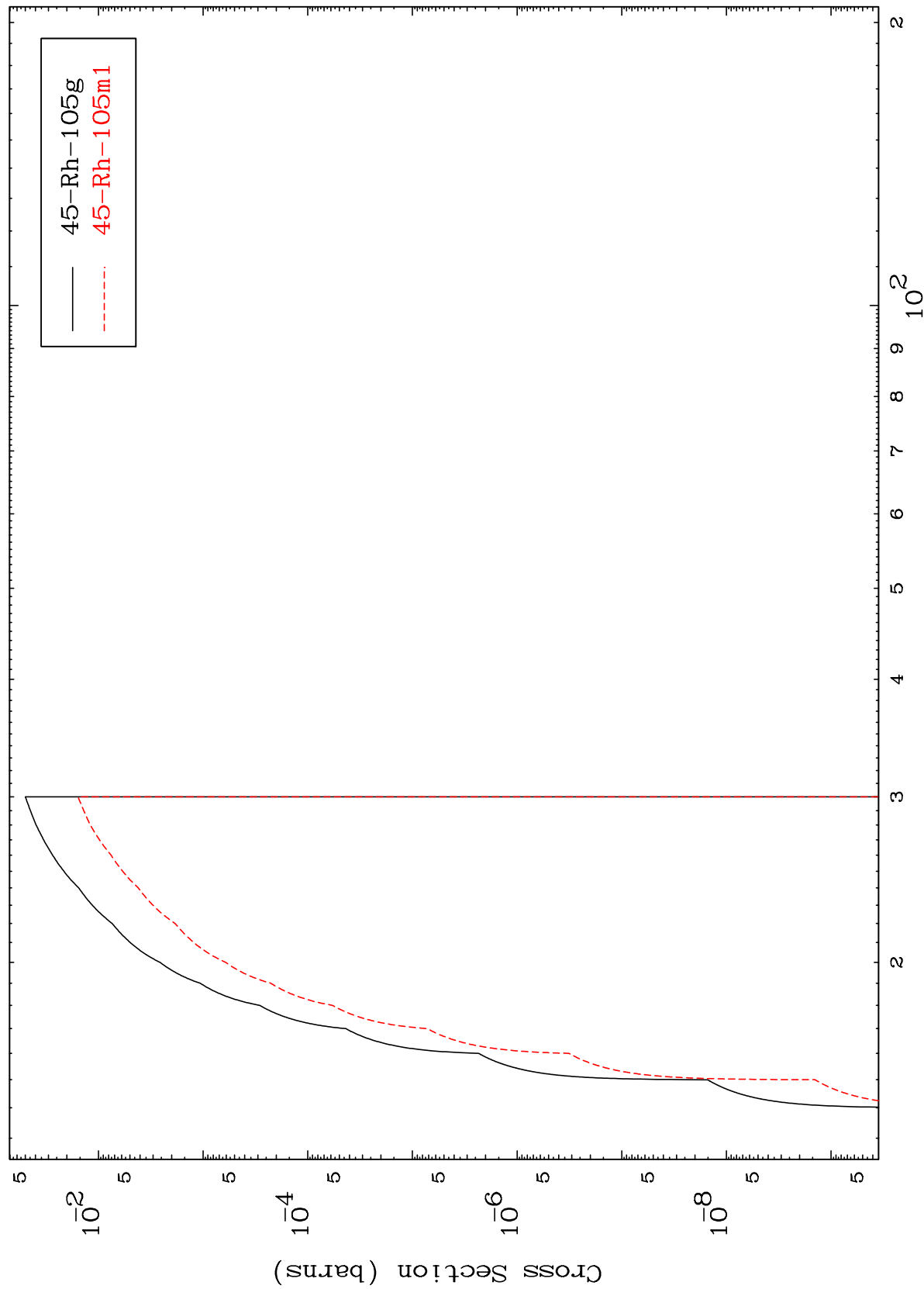


10

Incident Energy (MeV)

44-Ru-103

Radionuclide Production Cross Section

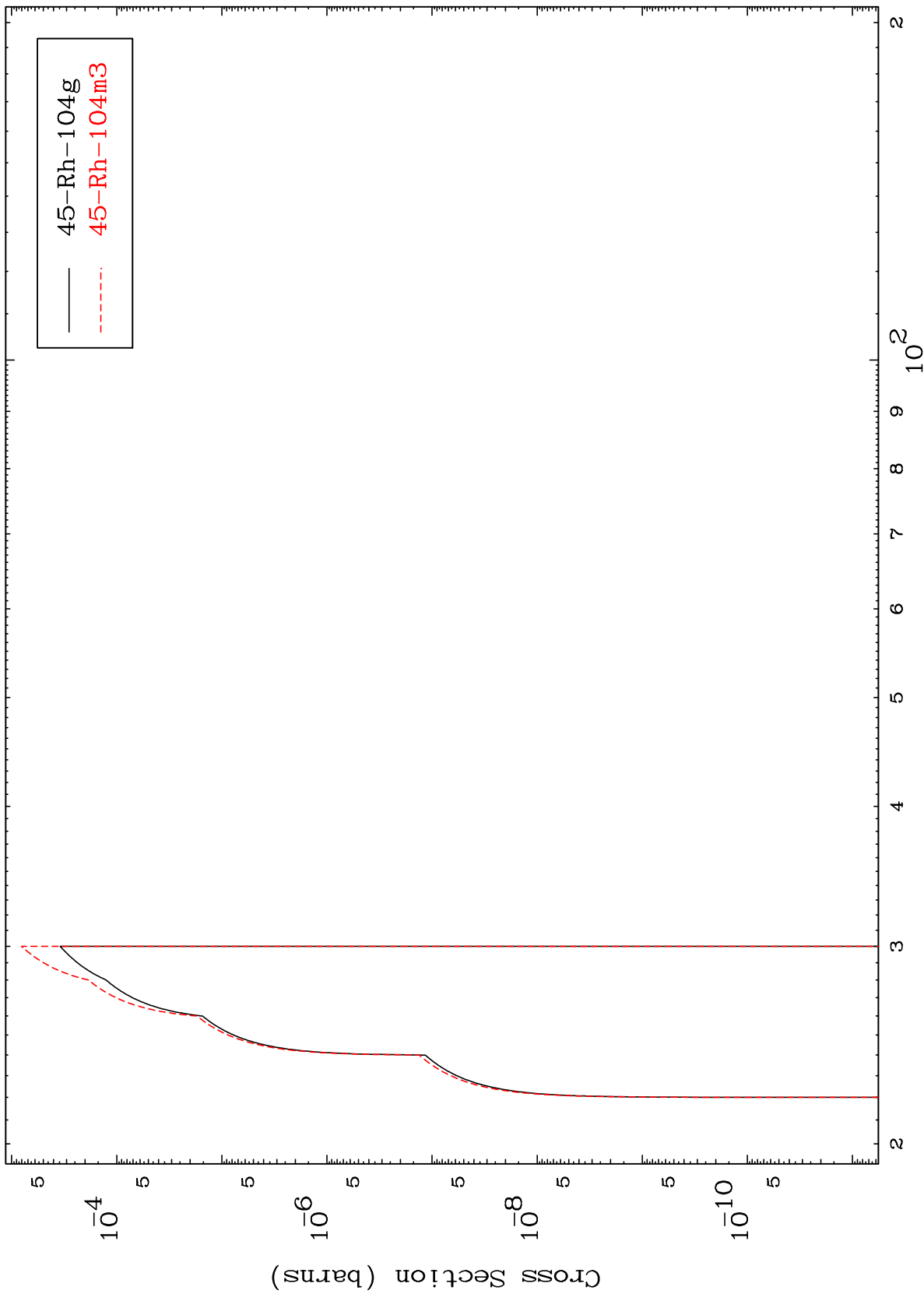


MAT 4446

(α, n') d

44-Ru-103

Radionuclide Production Cross Section



12

Incident Energy (MeV)

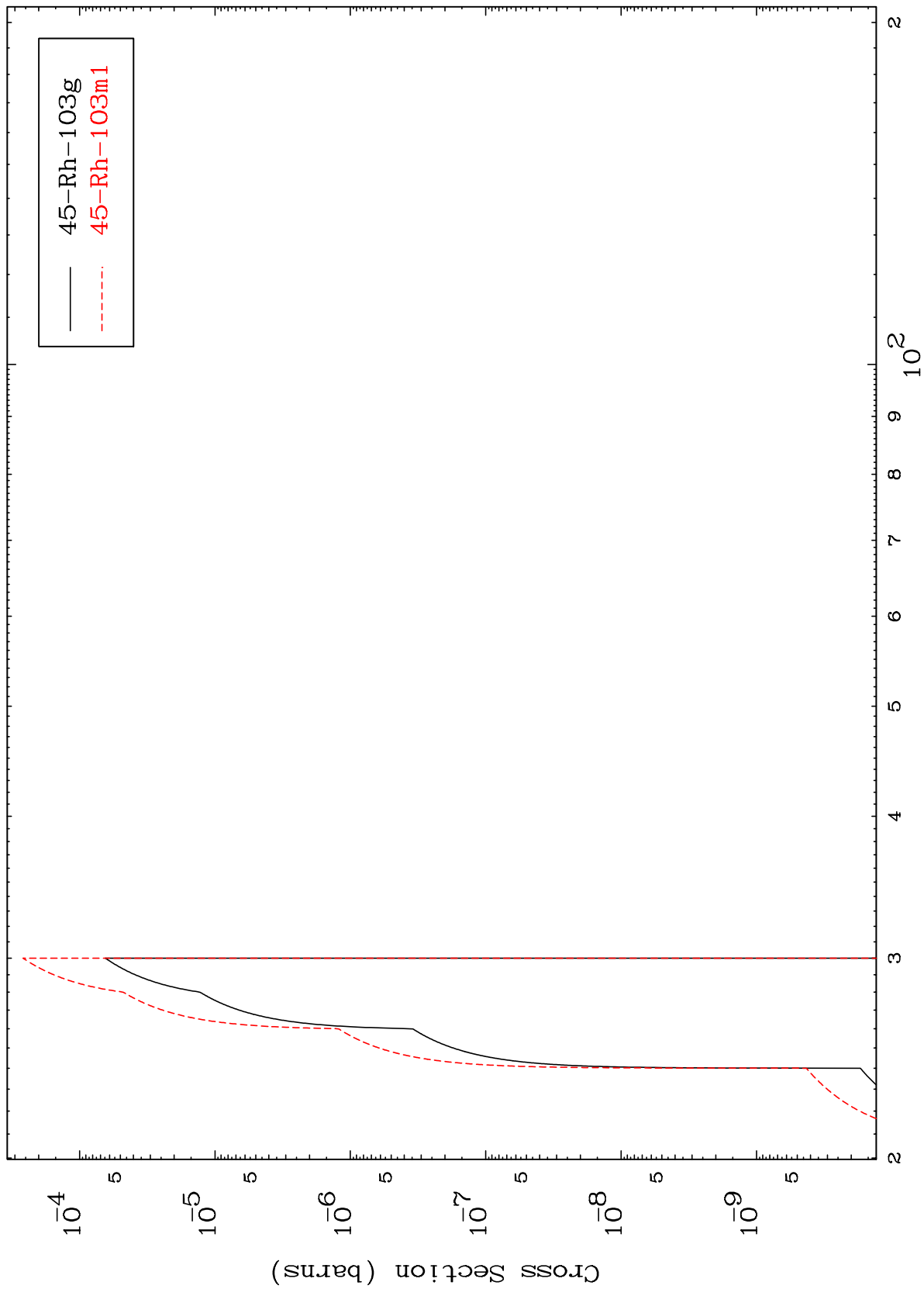
44-Ru-103

MAT 4446

(α, n') t

44-Ru-103

Radionuclide Production Cross Section



13

Incident Energy (MeV)

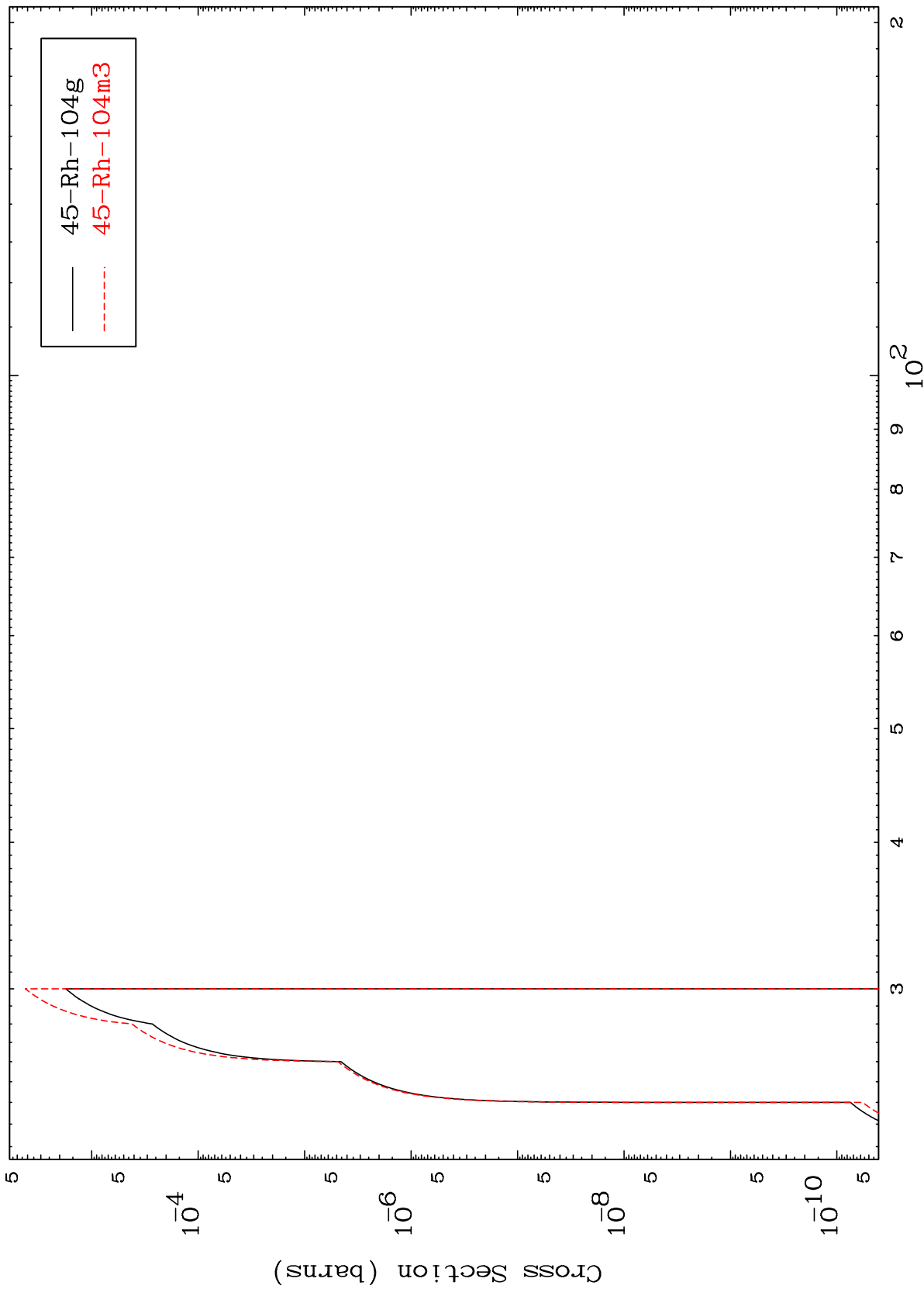
44-Ru-103

MAT 4446

($\alpha, 2n$) p

44-Ru-103

Radionuclide Production Cross Section



14

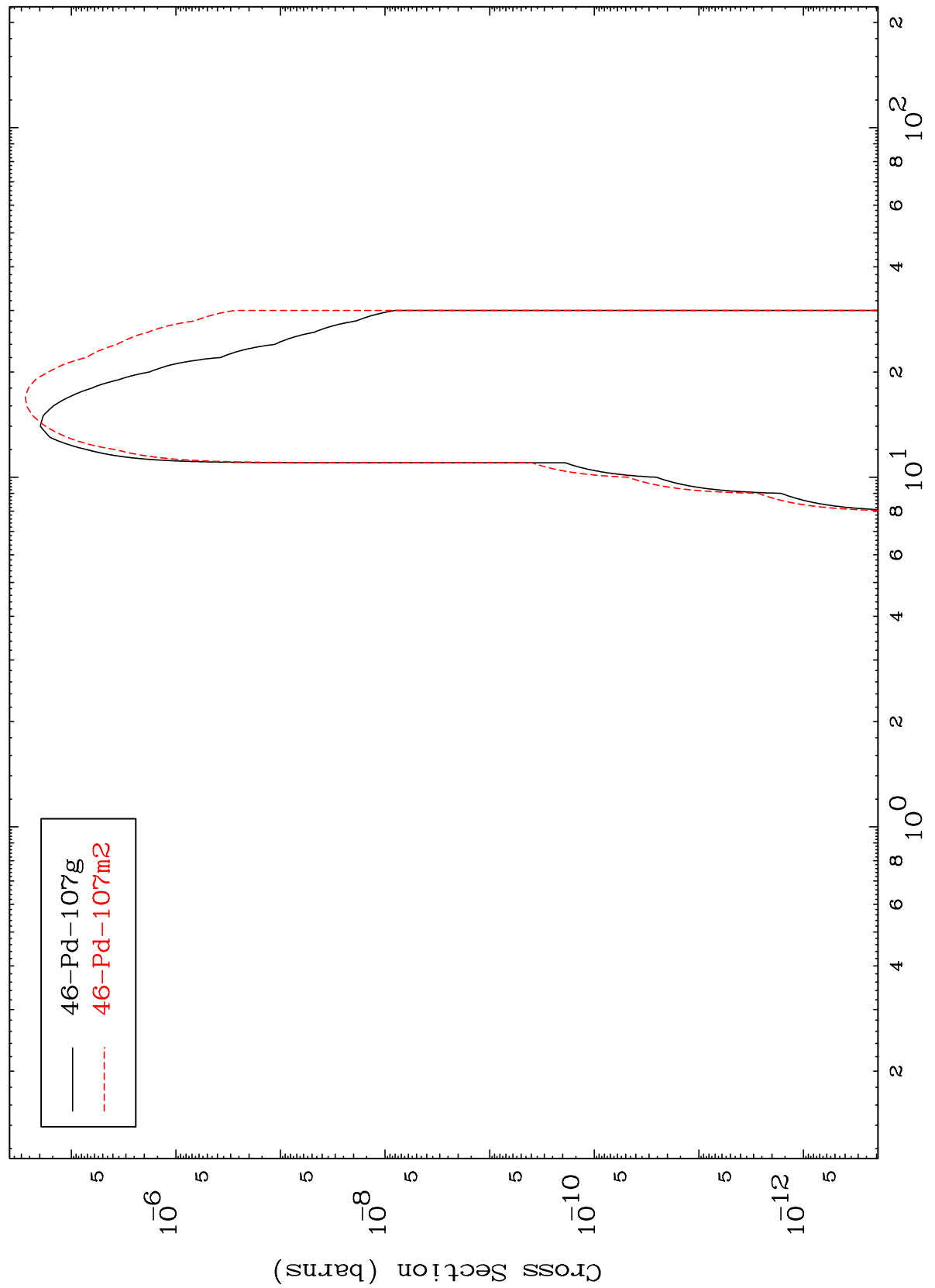
Incident Energy (MeV)

44-Ru-103

MAT 4446

44-Ru-103

(α, γ)
Radionuclide Production Cross Section



— 46-Pd-107g
- - - 46-Pd-107m2

15

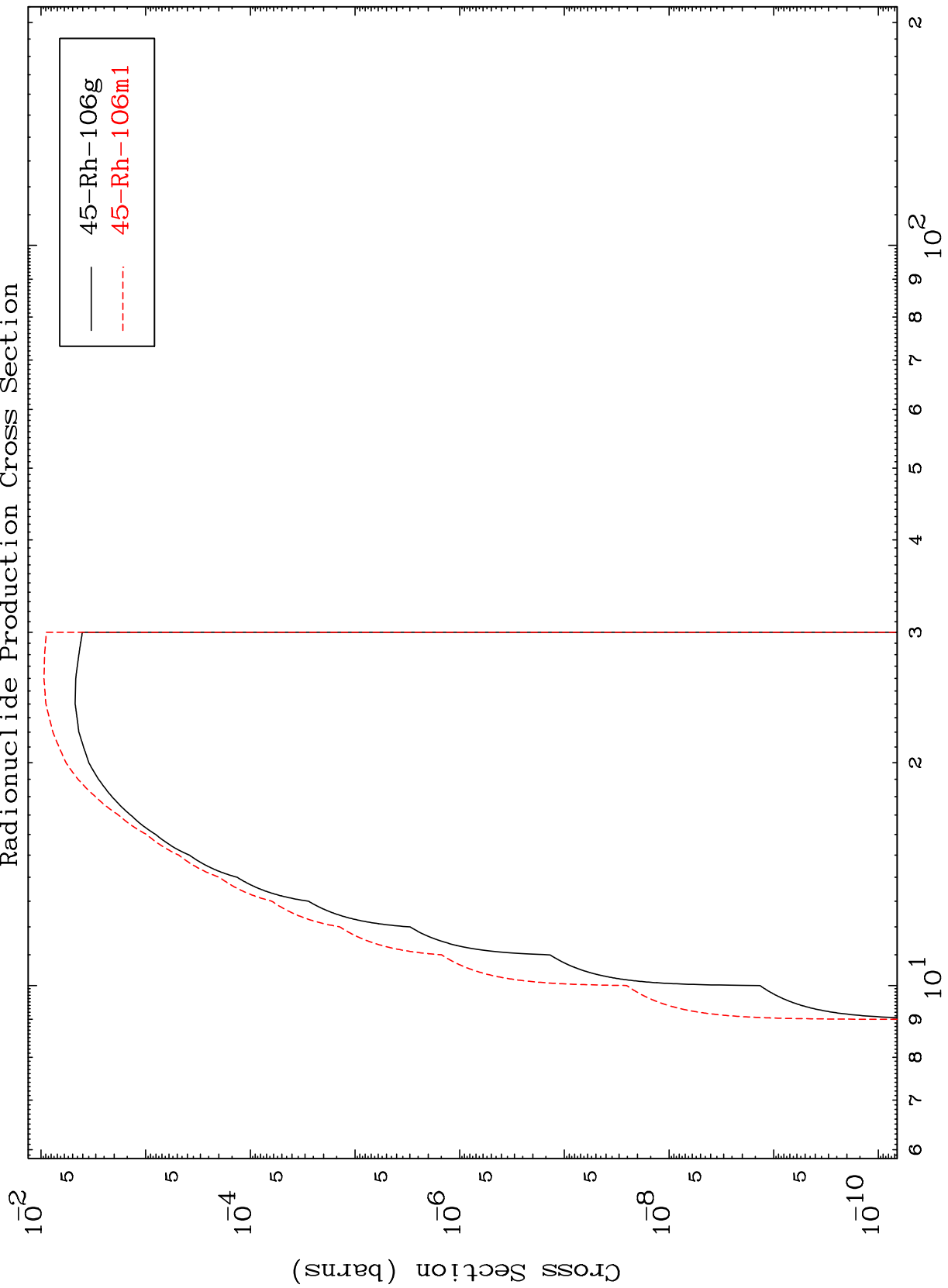
44-Ru-103

Incident Energy (MeV)

MAT 4446

44-Ru-103

(α, p)
Radionuclide Production Cross Section

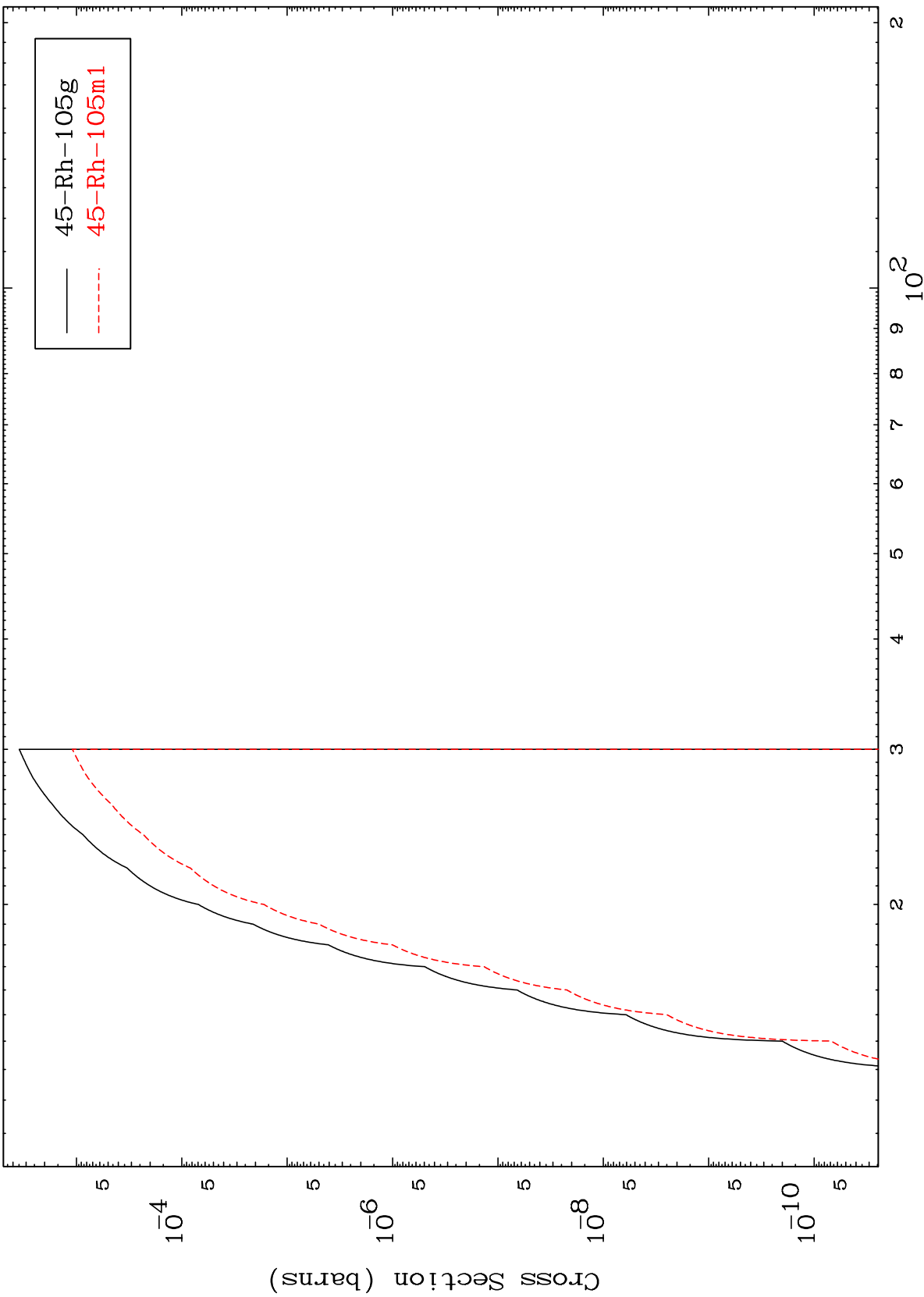


16

Incident Energy (MeV)

44-Ru-103

Radionuclide Production Cross Section

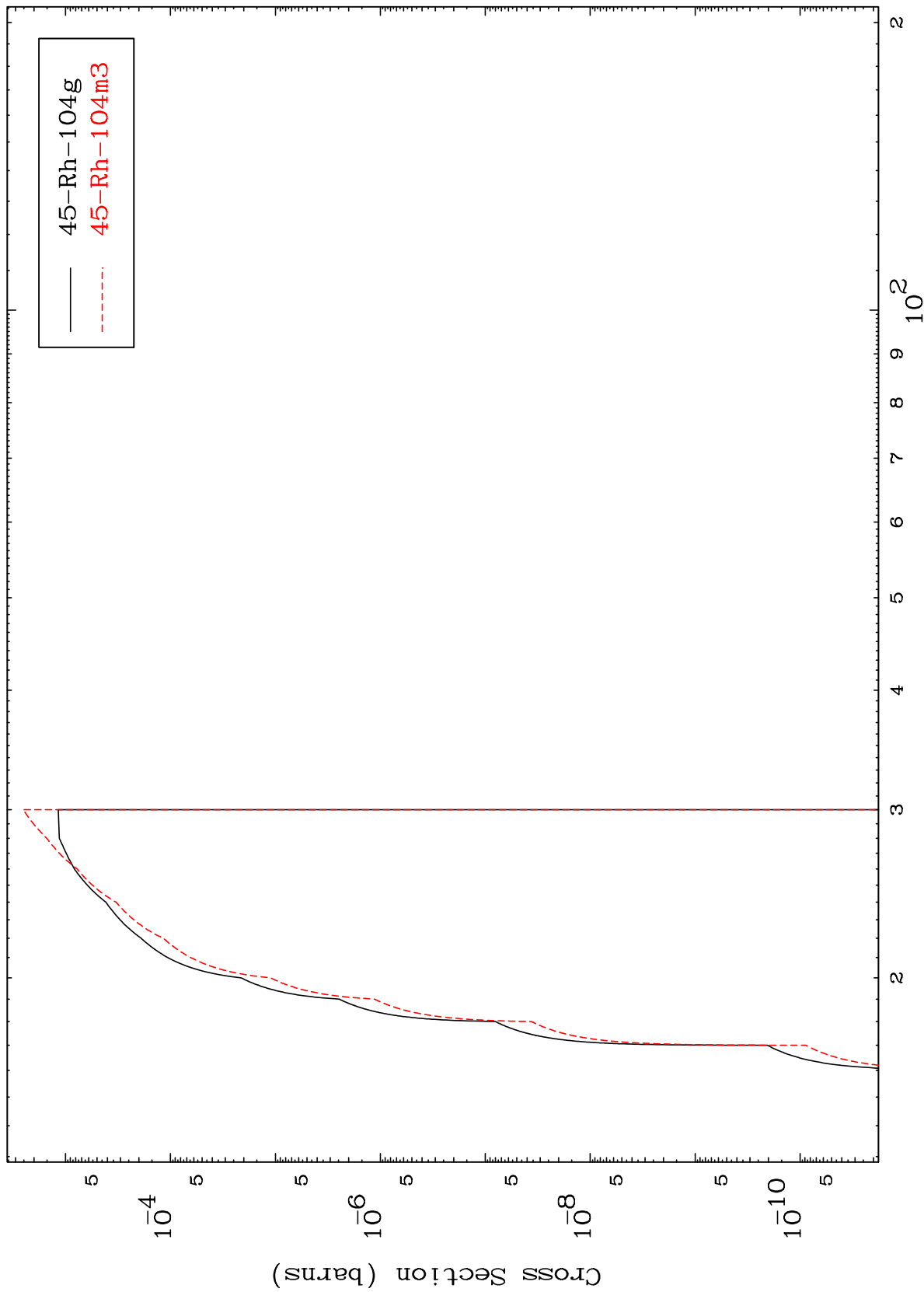


MAT 4446

(α, t)

44-Ru-103

Radionuclide Production Cross Section



18

Incident Energy (MeV)

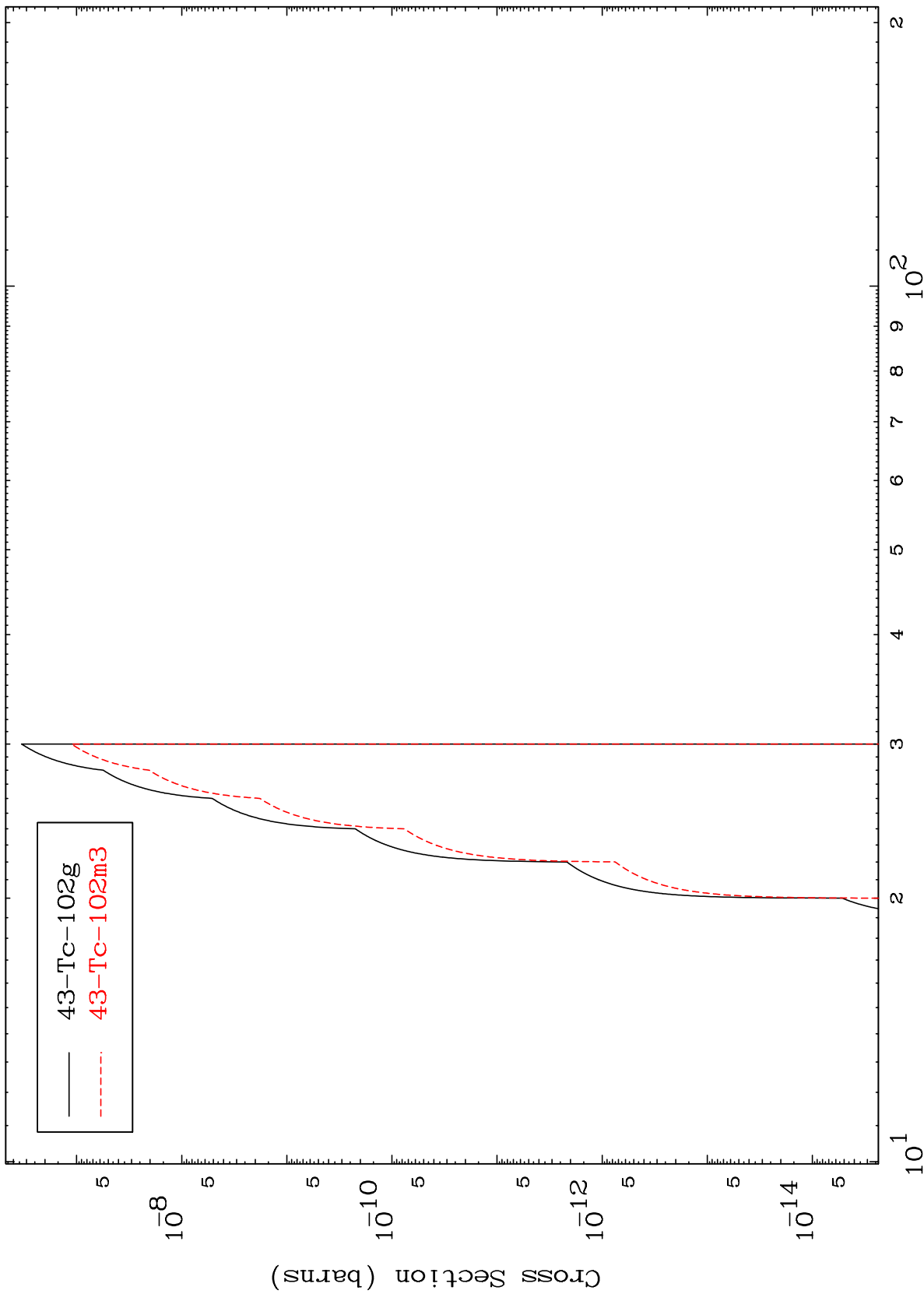
44-Ru-103

MAT 4446

(α, p) α

44-Ru-103

Radionuclide Production Cross Section



19

Incident Energy (MeV)

44-Ru-103