

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

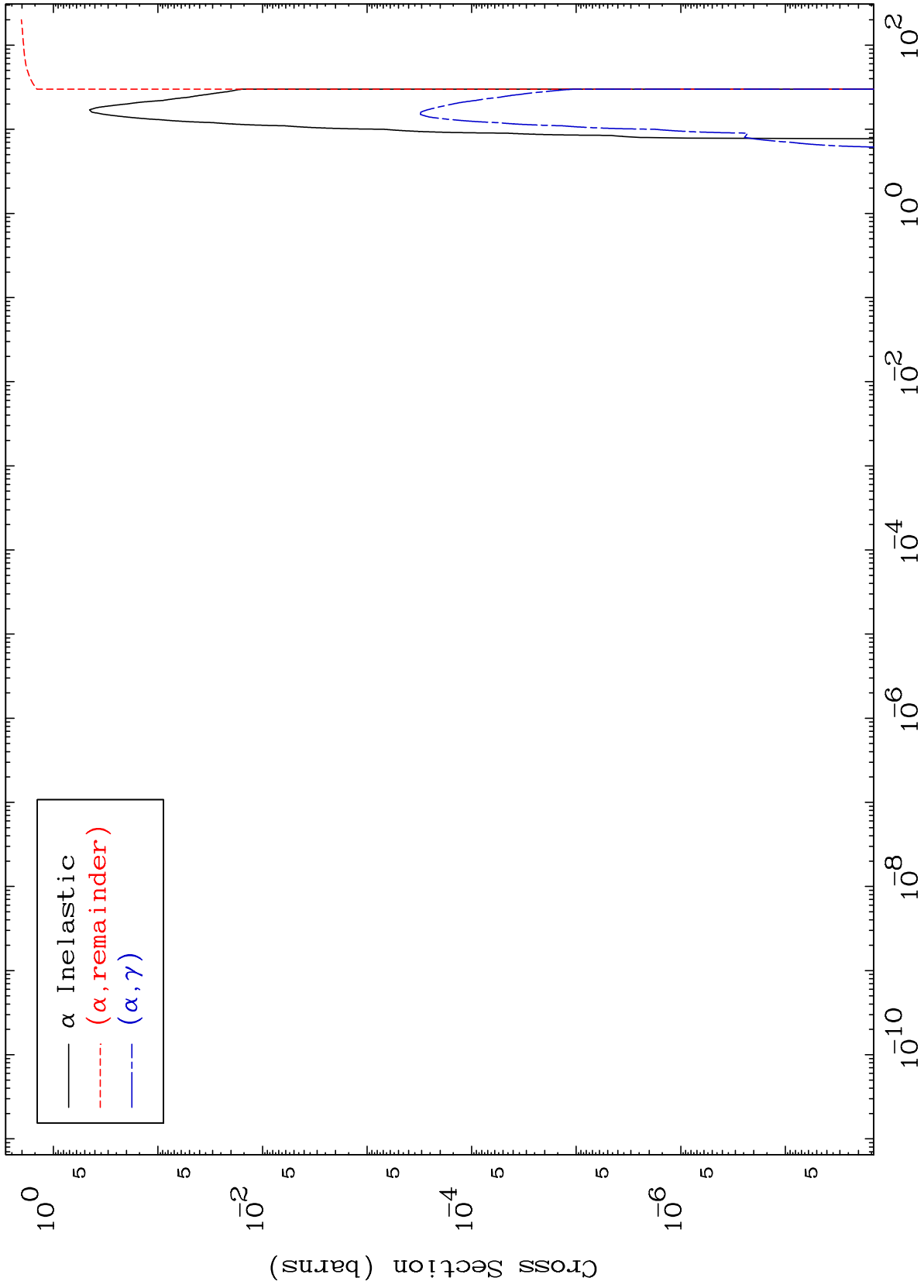
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4437

0 Kelvin α Major
Cross Sections

44-Ru-100



1

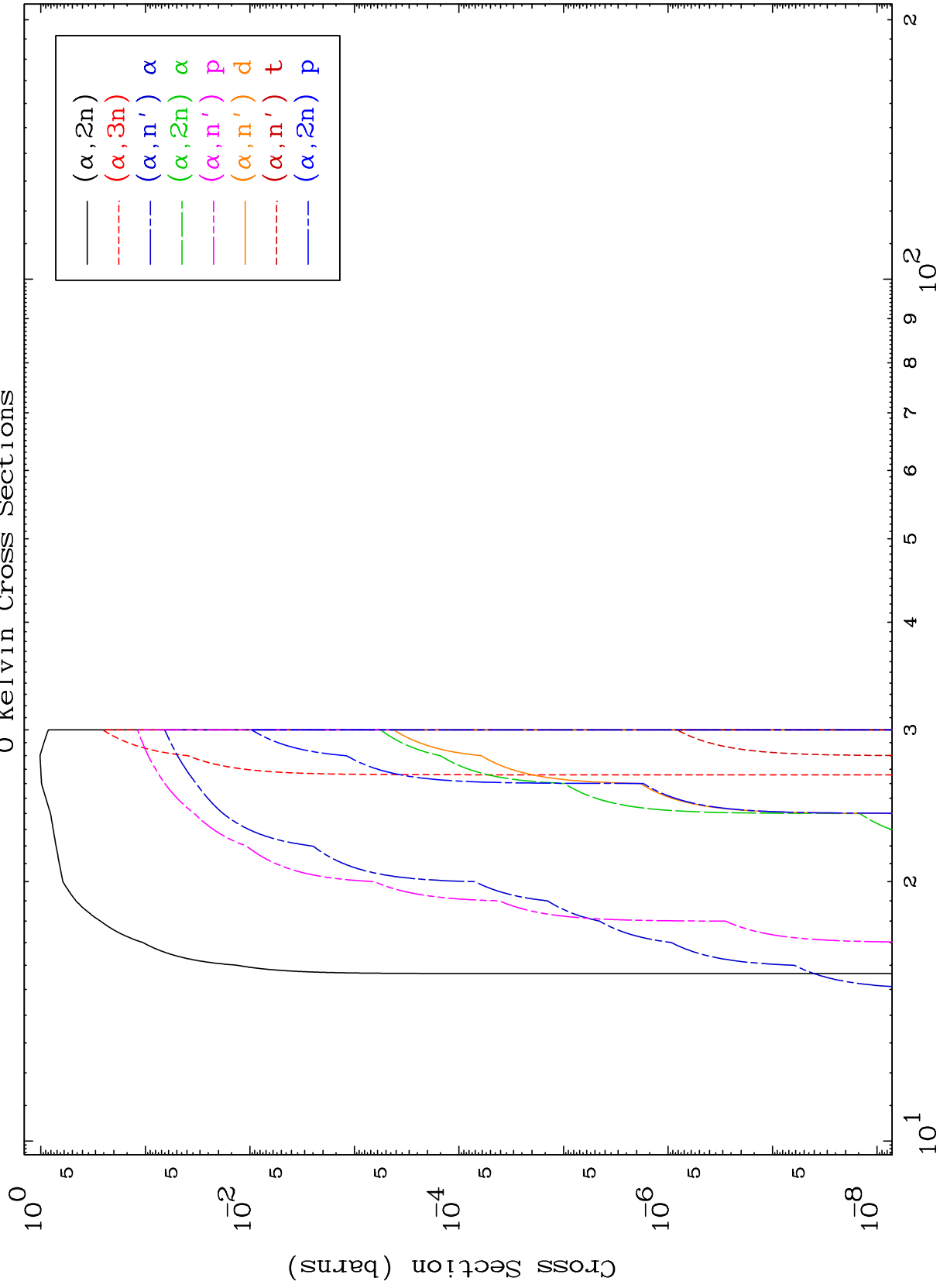
Incident Energy (MeV)

44-Ru-100

MAT 4437

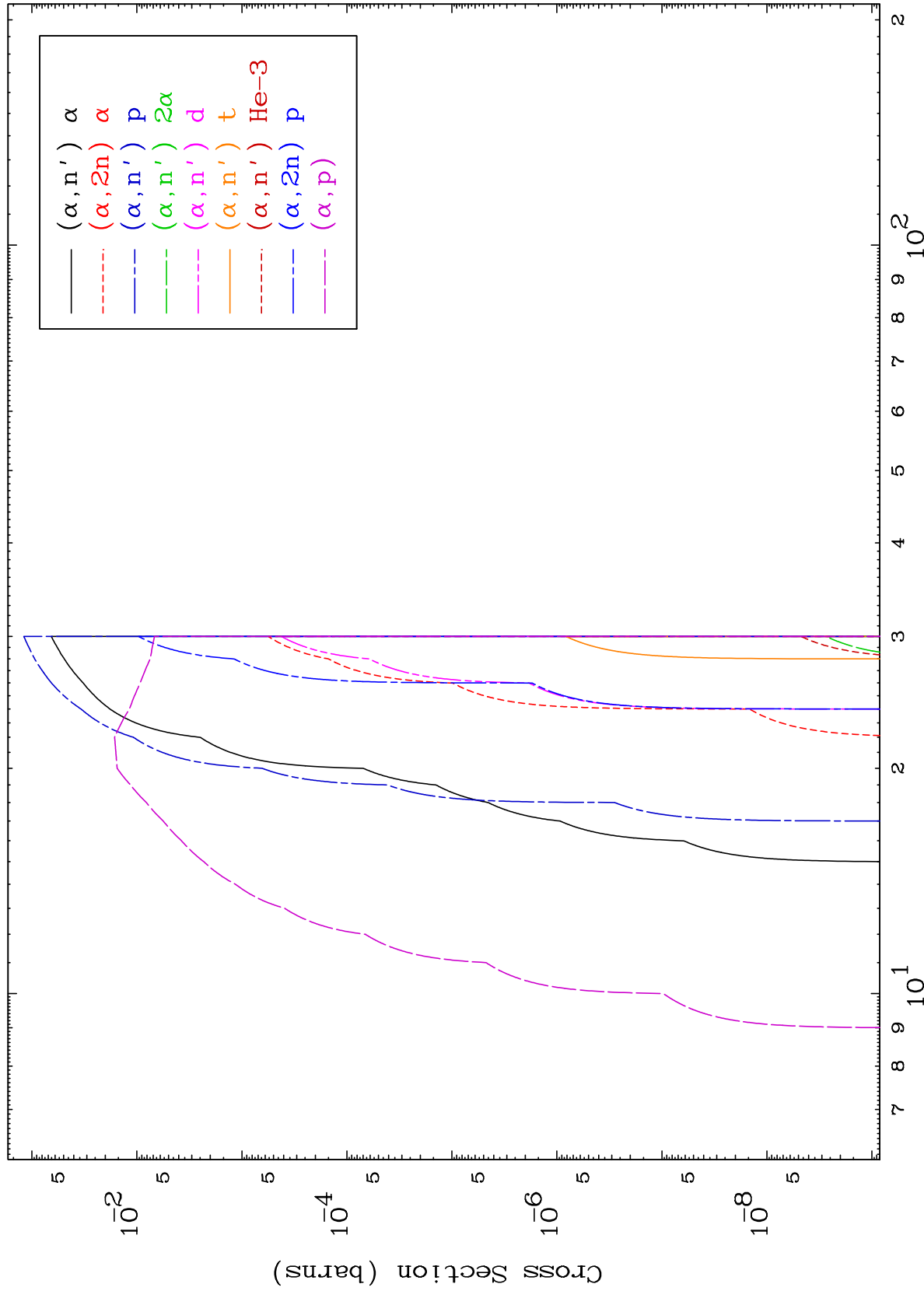
α Neutron Production
0 Kelvin Cross Sections

44-Ru-100



Incident Energy (MeV)

44-Ru-100

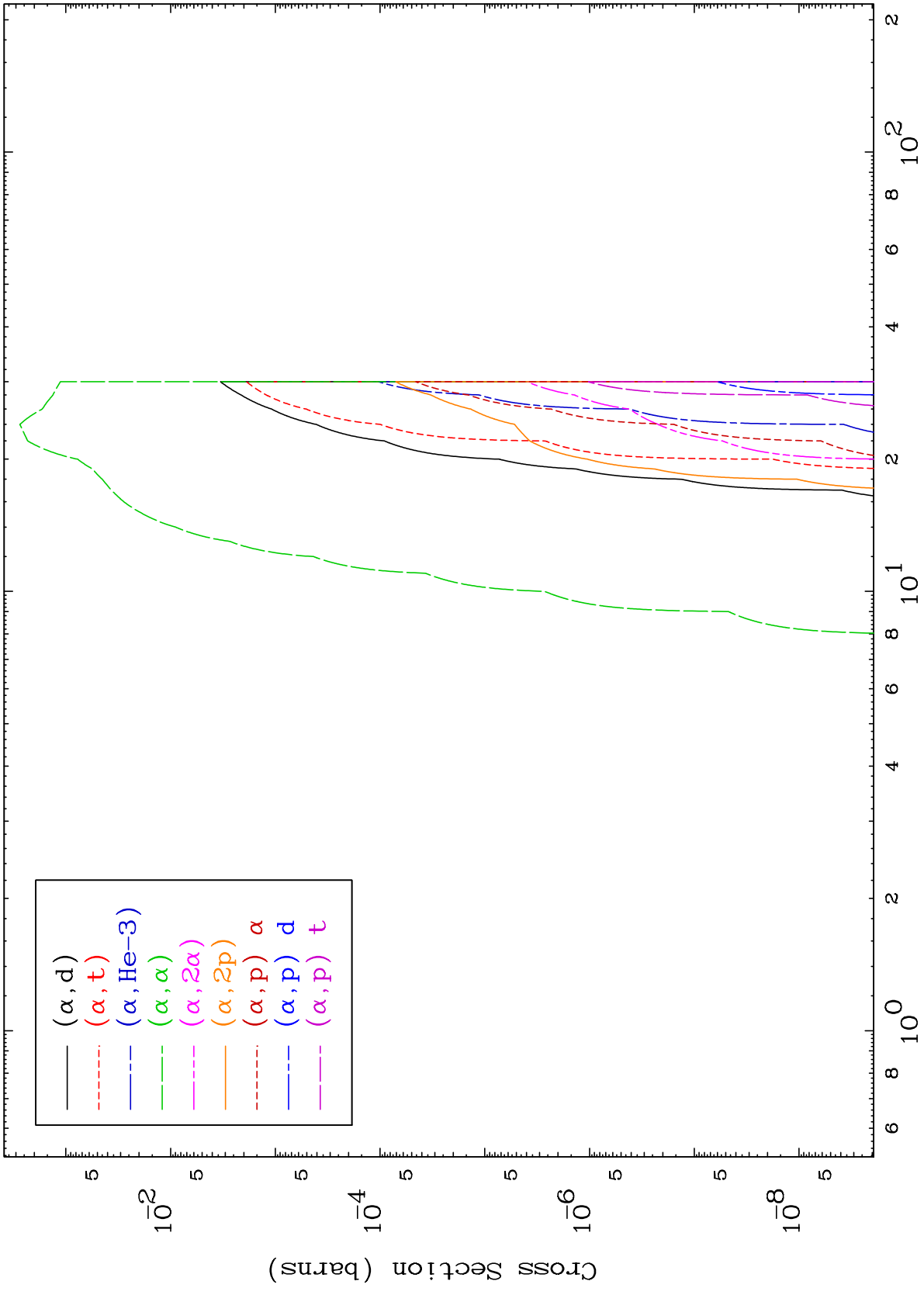


MAT 4437

α Charged Particle

44-Ru-100

0 Kelvin Cross Sections



4

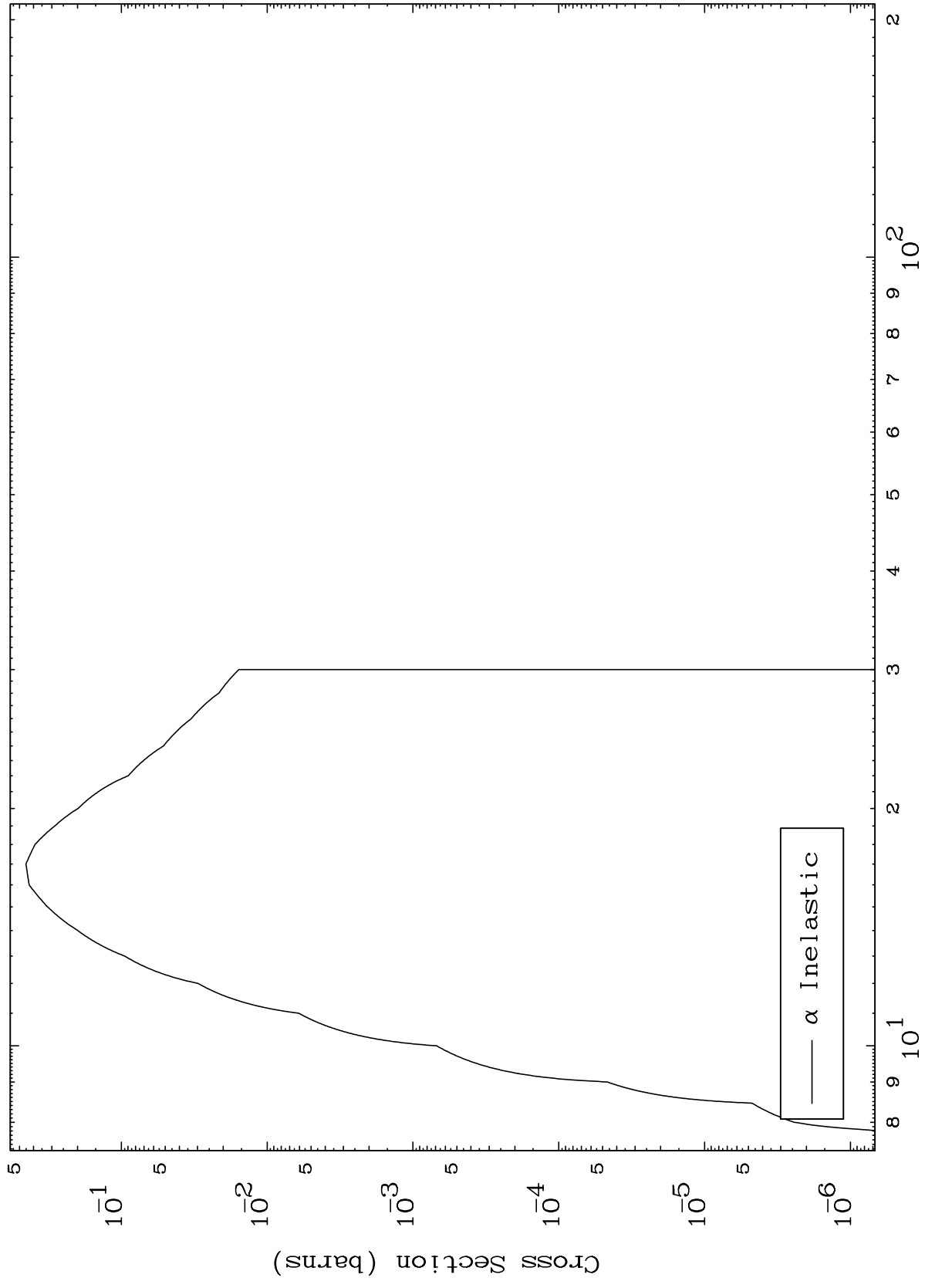
Incident Energy (MeV)

44-Ru-100

MAT 4437

(α, n') Level
0 Kelvin Cross Sections

44-Ru-100



5

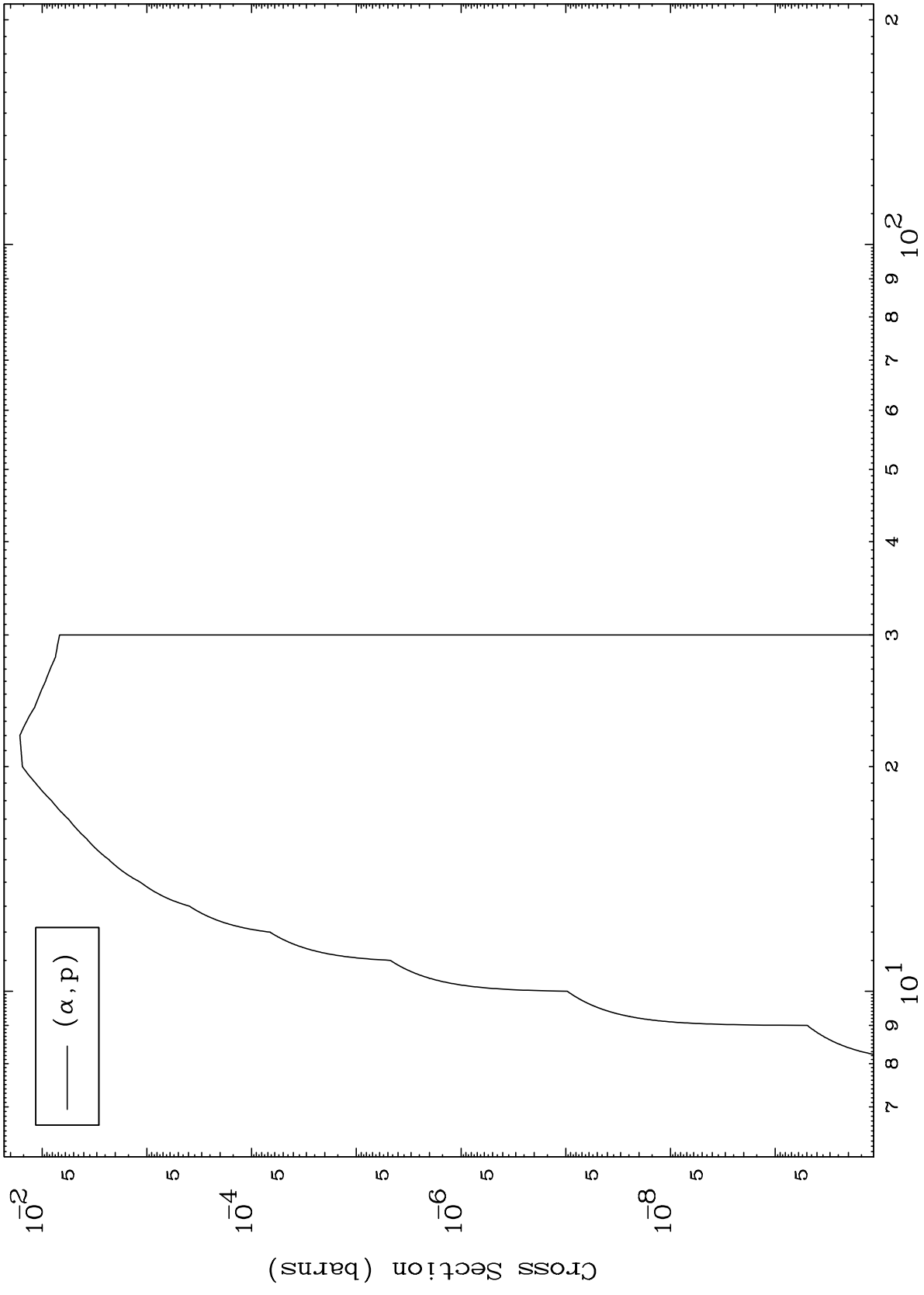
Incident Energy (MeV)

44-Ru-100

MAT 4437

44-Ru-100

(α, p) Levels
0 Kelvin Cross Sections



6

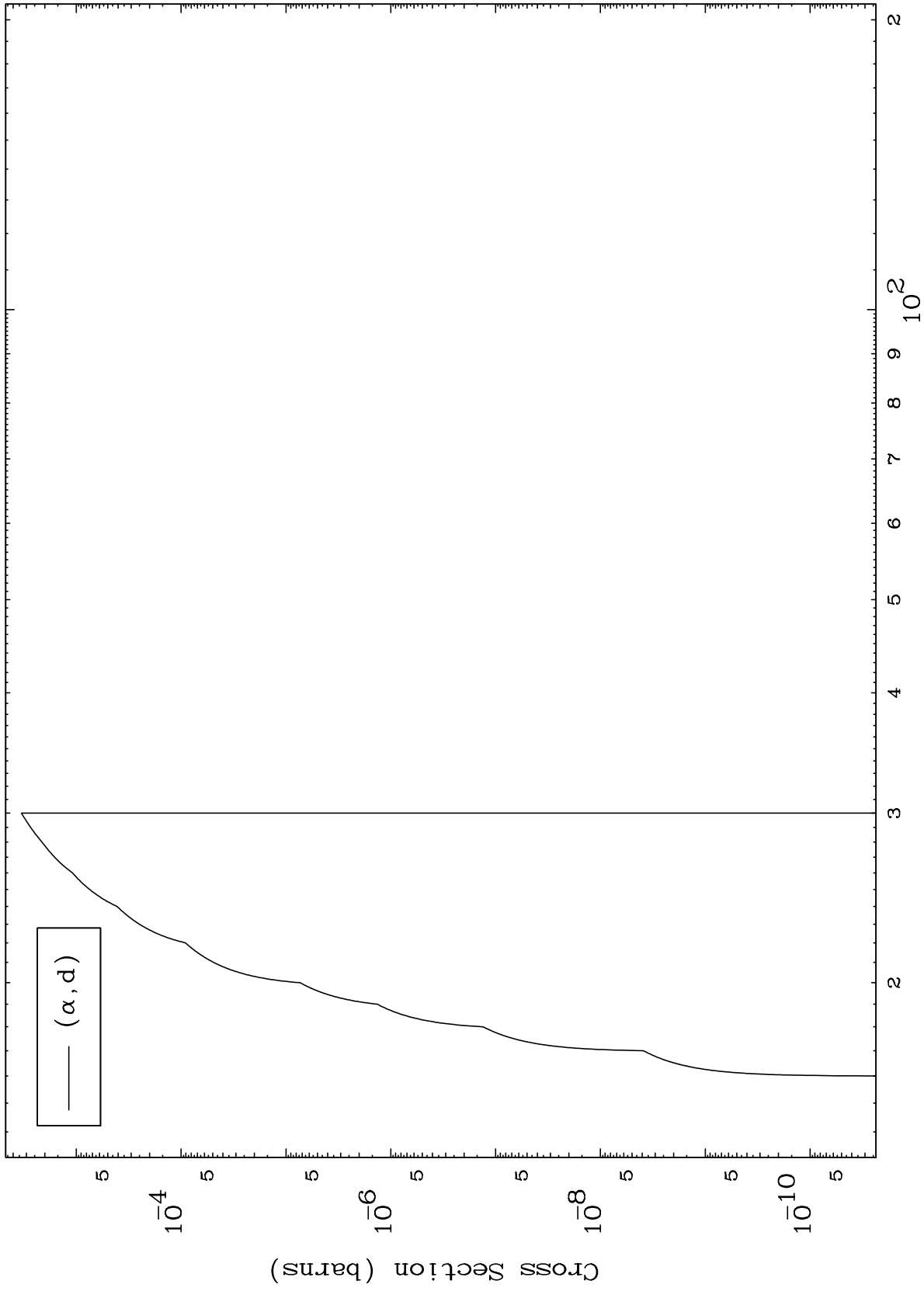
Incident Energy (MeV)

44-Ru-100

MAT 4437

(α, d) Levels
0 Kelvin Cross Sections

44-Ru-100



7

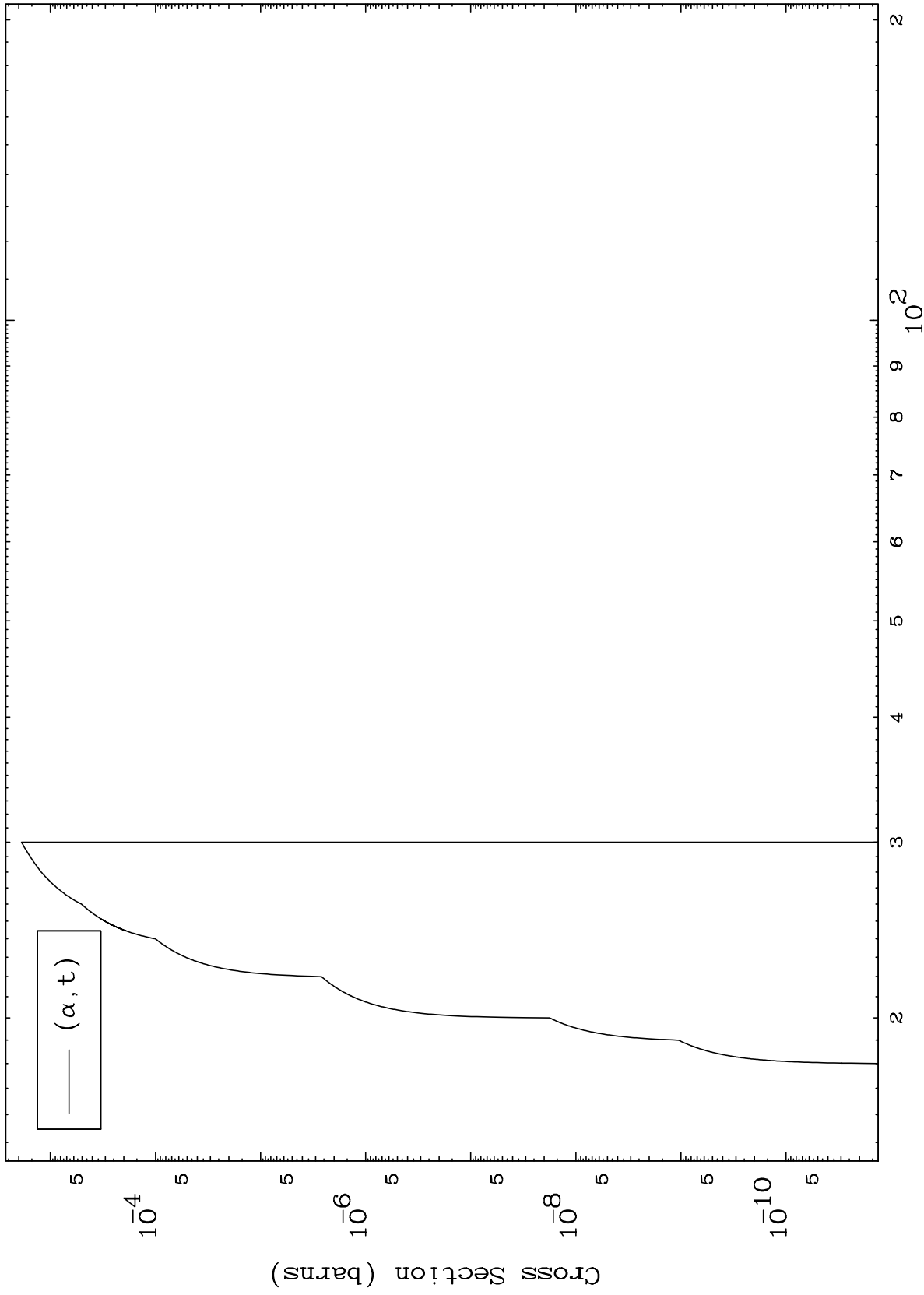
Incident Energy (MeV)

44-Ru-100

MAT 4437

(α, t) Levels
0 Kelvin Cross Sections

44-Ru-100



8

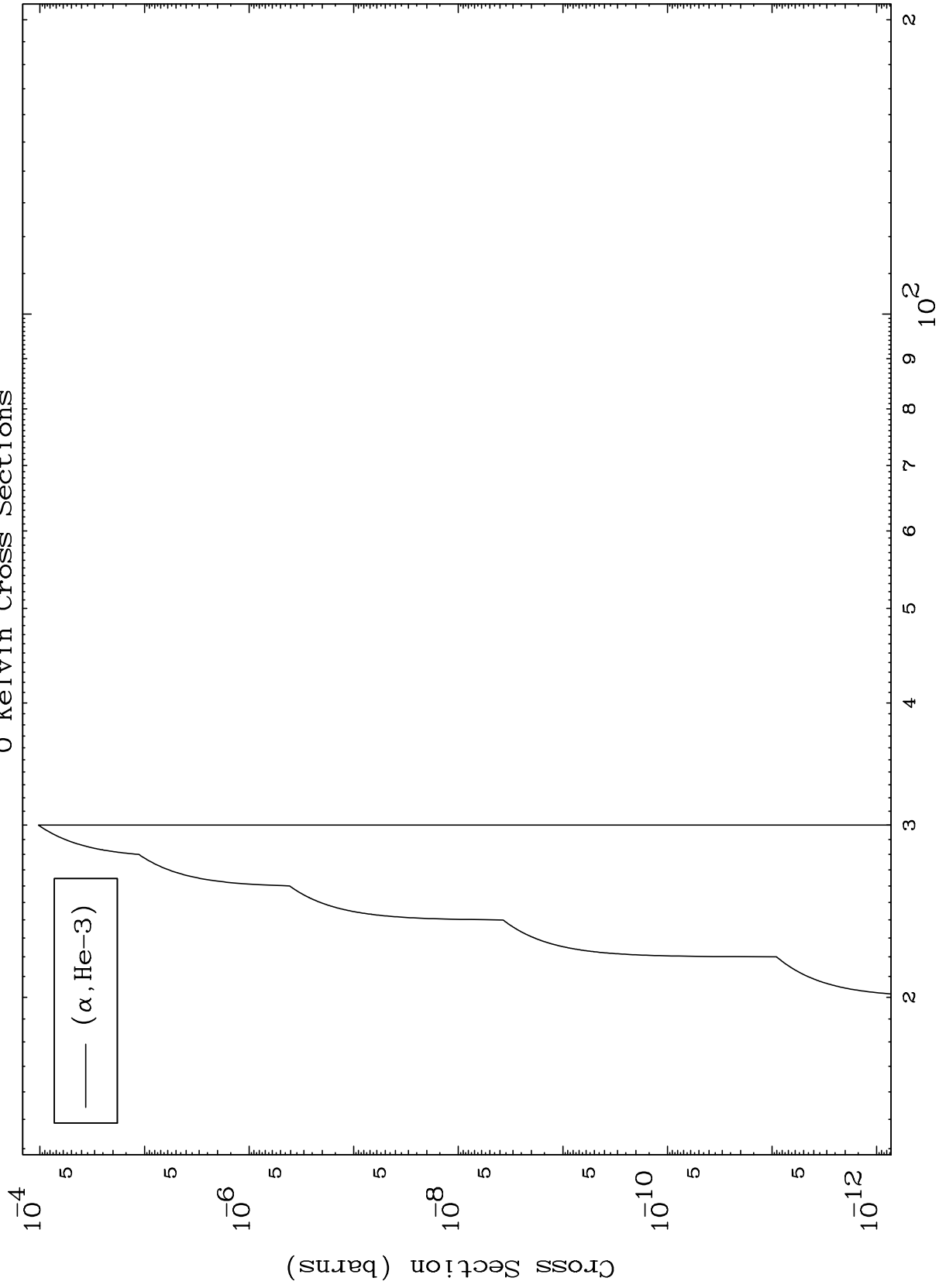
Incident Energy (MeV)

44-Ru-100

MAT 4437

(α ,He3) Levels
0 Kelvin Cross Sections

44-Ru-100



9

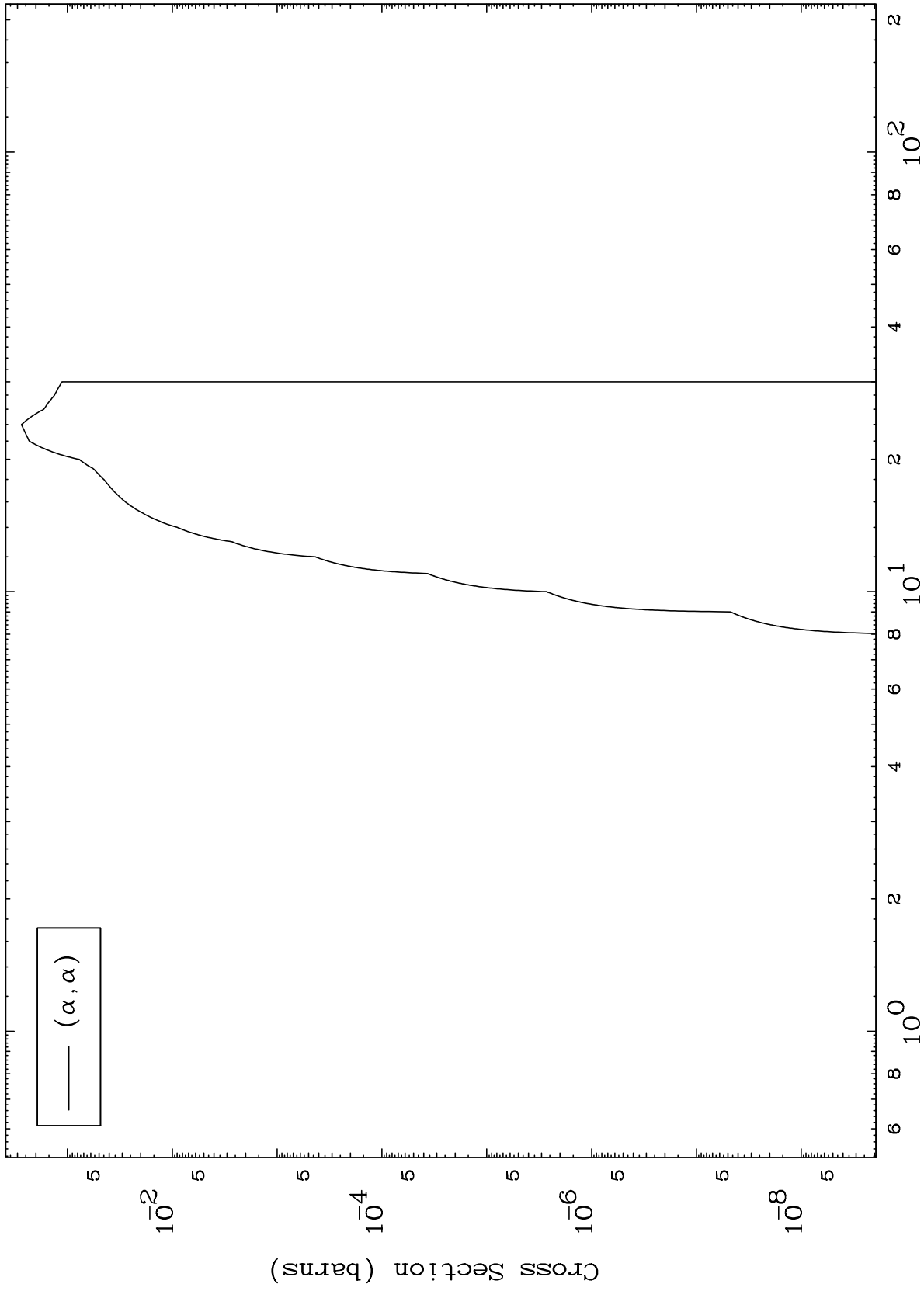
Incident Energy (MeV)

44-Ru-100

MAT 4437

(α, α) Levels
0 Kelvin Cross Sections

44-Ru-100



10

Incident Energy (MeV)

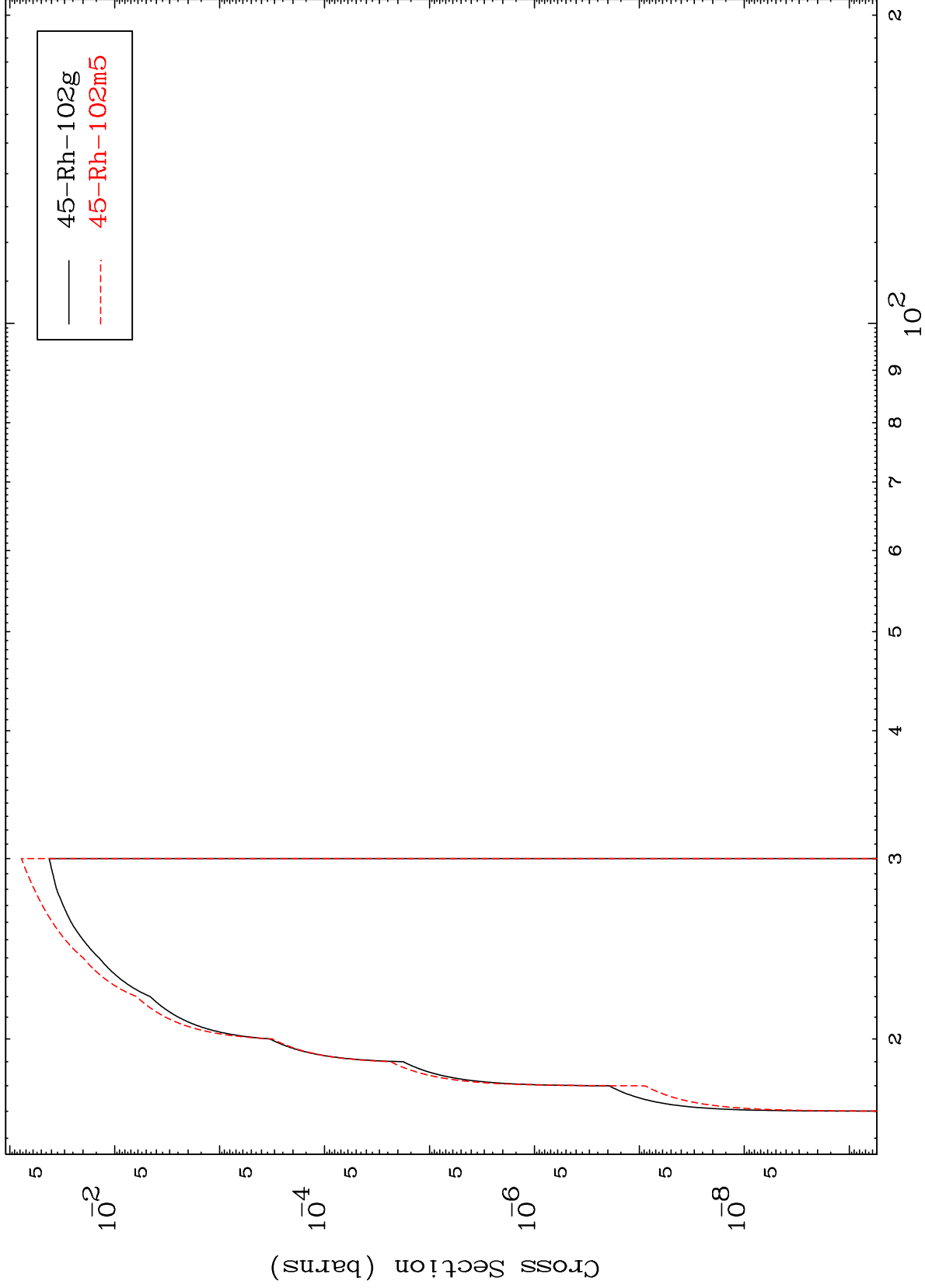
44-Ru-100

MAT 4437

(α, n') p

44-Ru-100

Radionuclide Production Cross Section



11

Incident Energy (MeV)

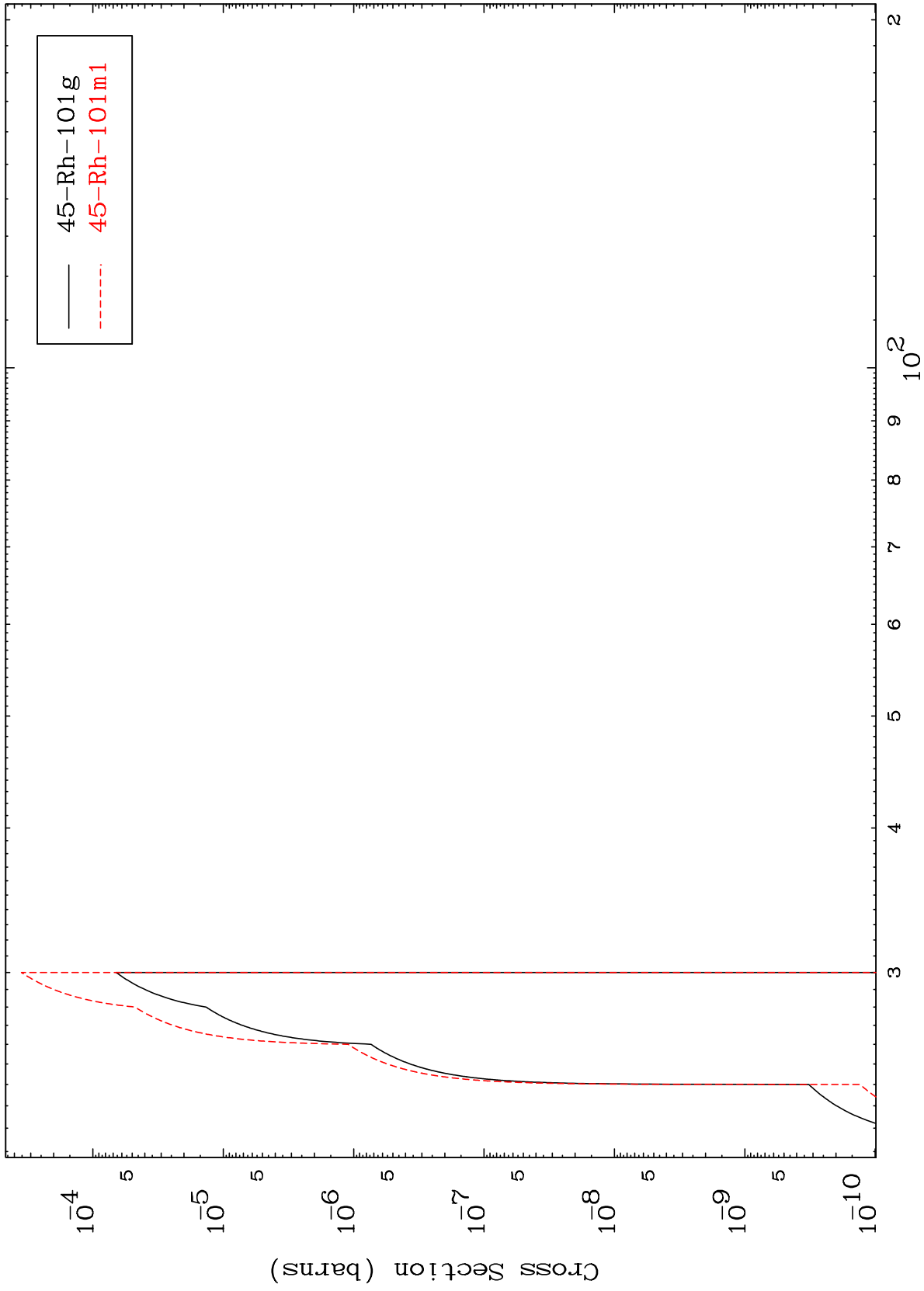
44-Ru-100

MAT 4437

(α, n') d

44-Ru-100

Radionuclide Production Cross Section



12

Incident Energy (MeV)

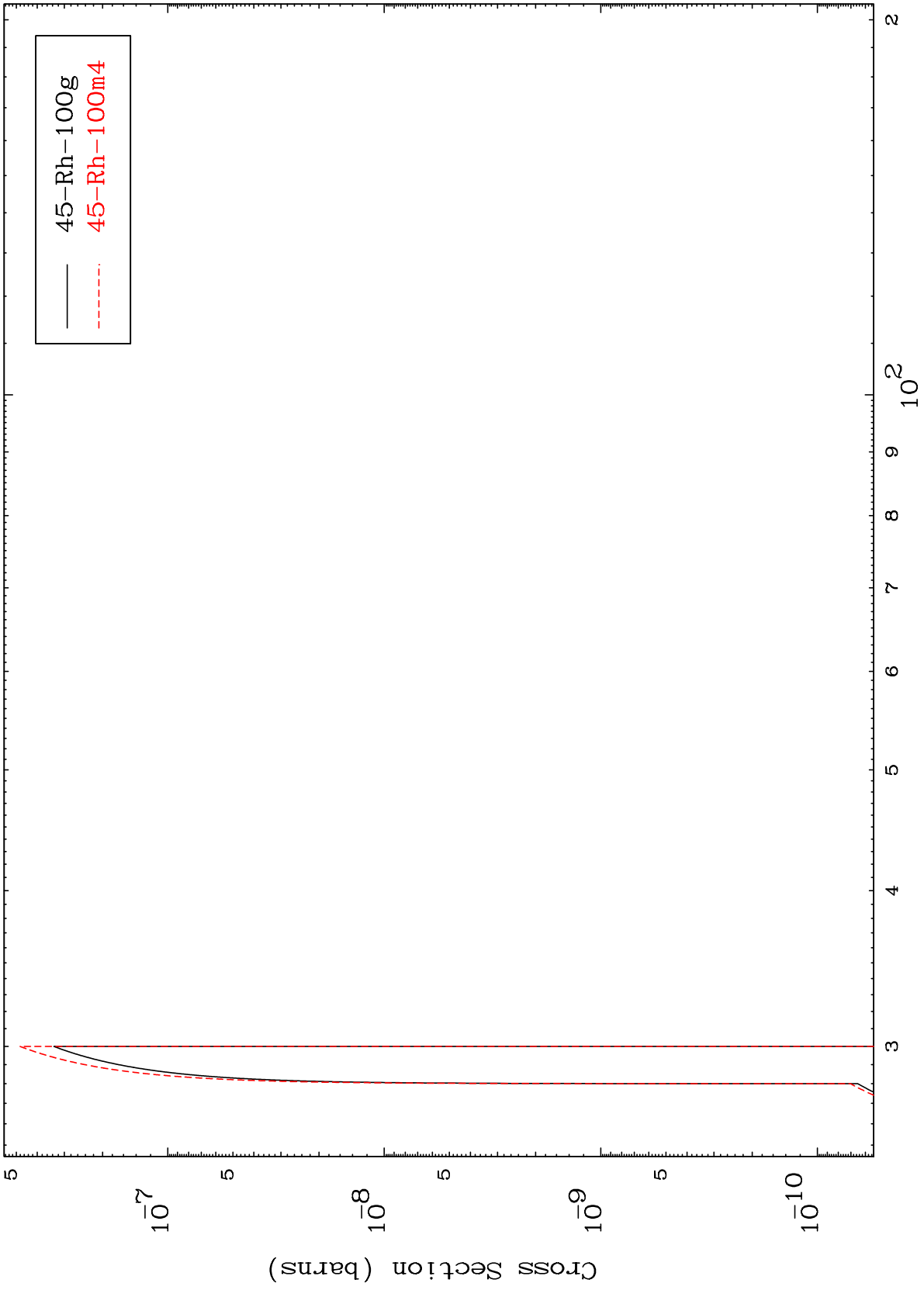
44-Ru-100

MAT 4437

(α, n') t

44-Ru-100

Radionuclide Production Cross Section



13

Incident Energy (MeV)

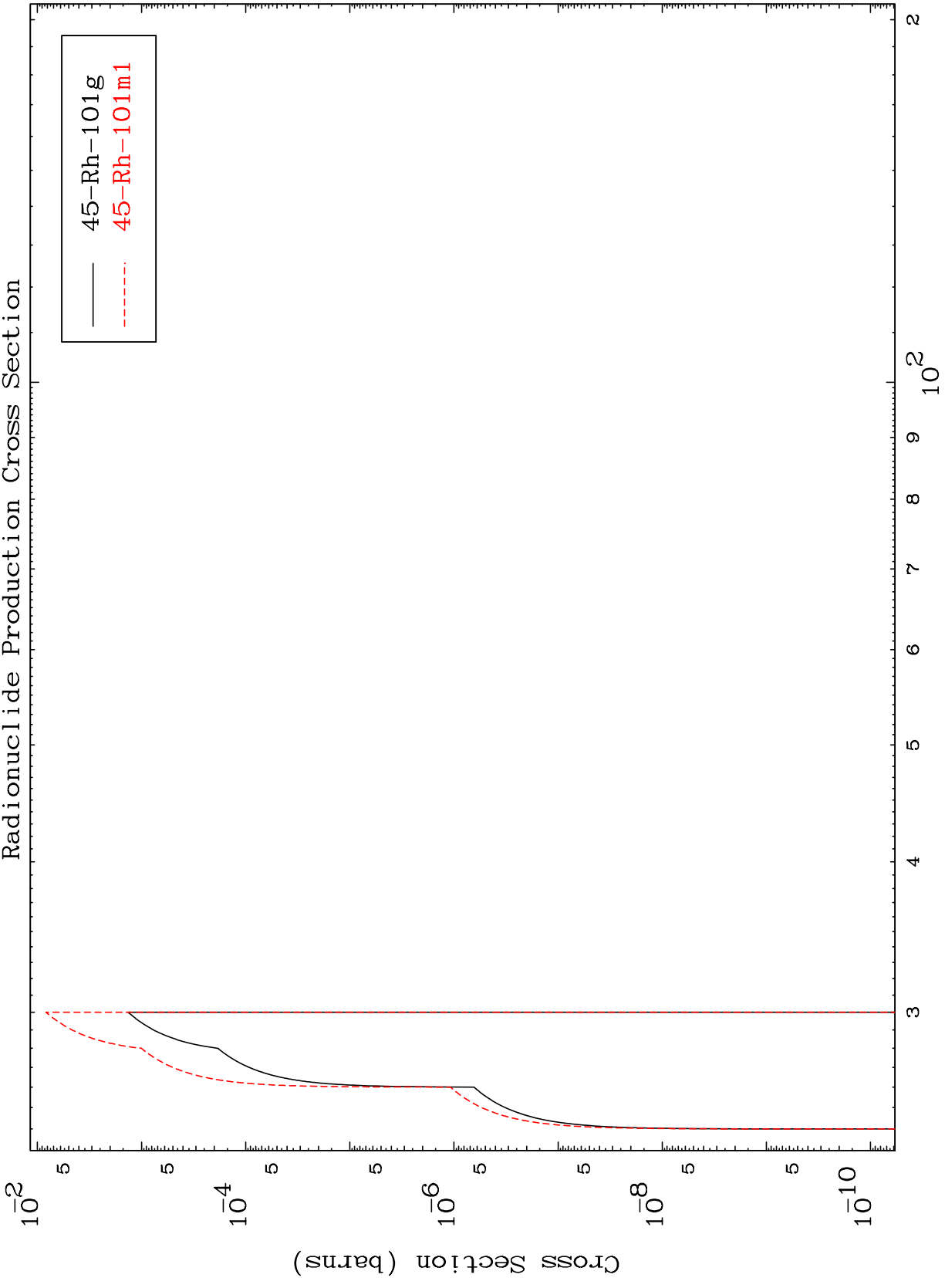
44-Ru-100

MAT 4437

($\alpha, 2n$) p

Radionuclide Production Cross Section

44-Ru-100



44-Ru-100

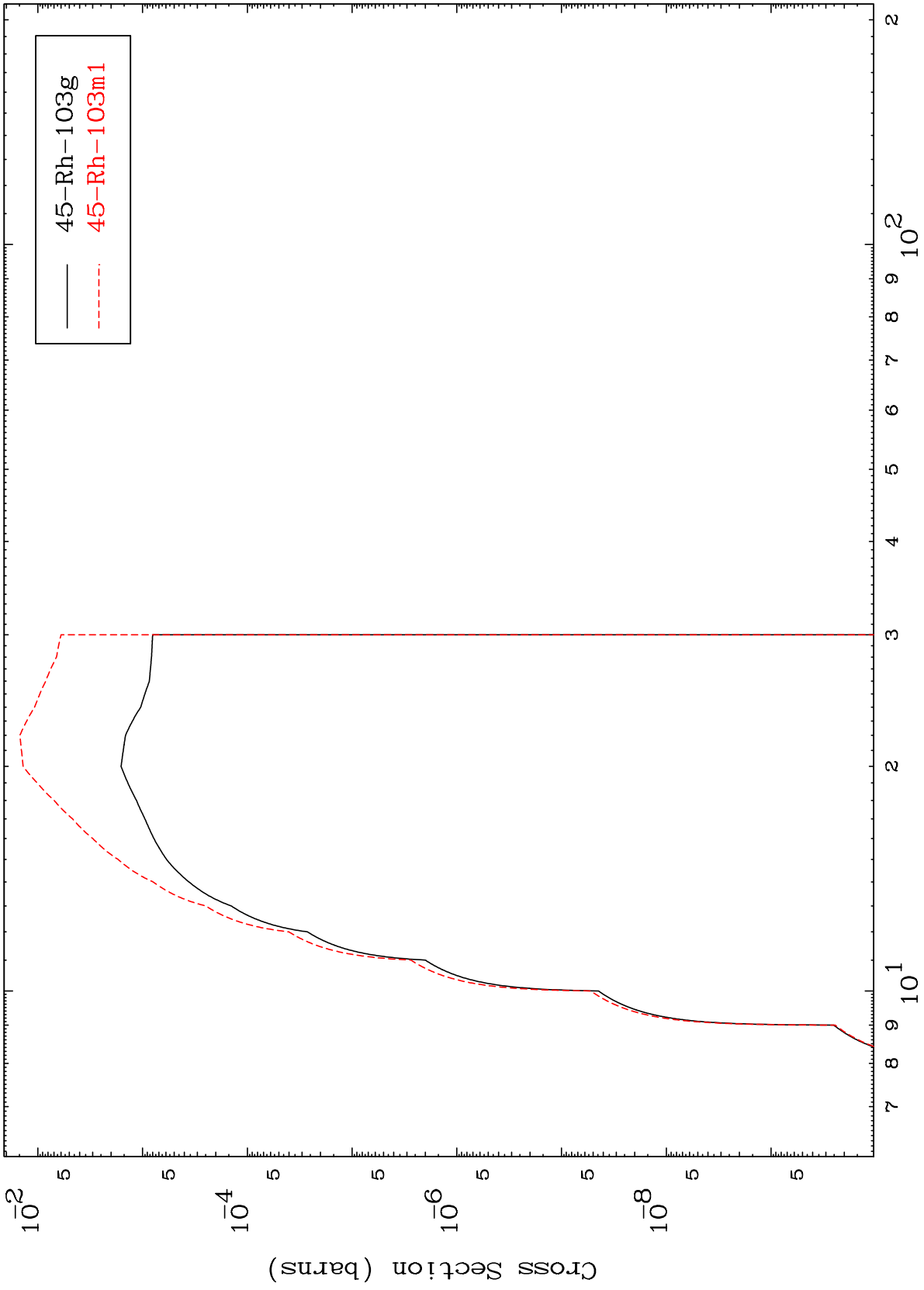
Incident Energy (MeV)

14

MAT 4437

44-Ru-100

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

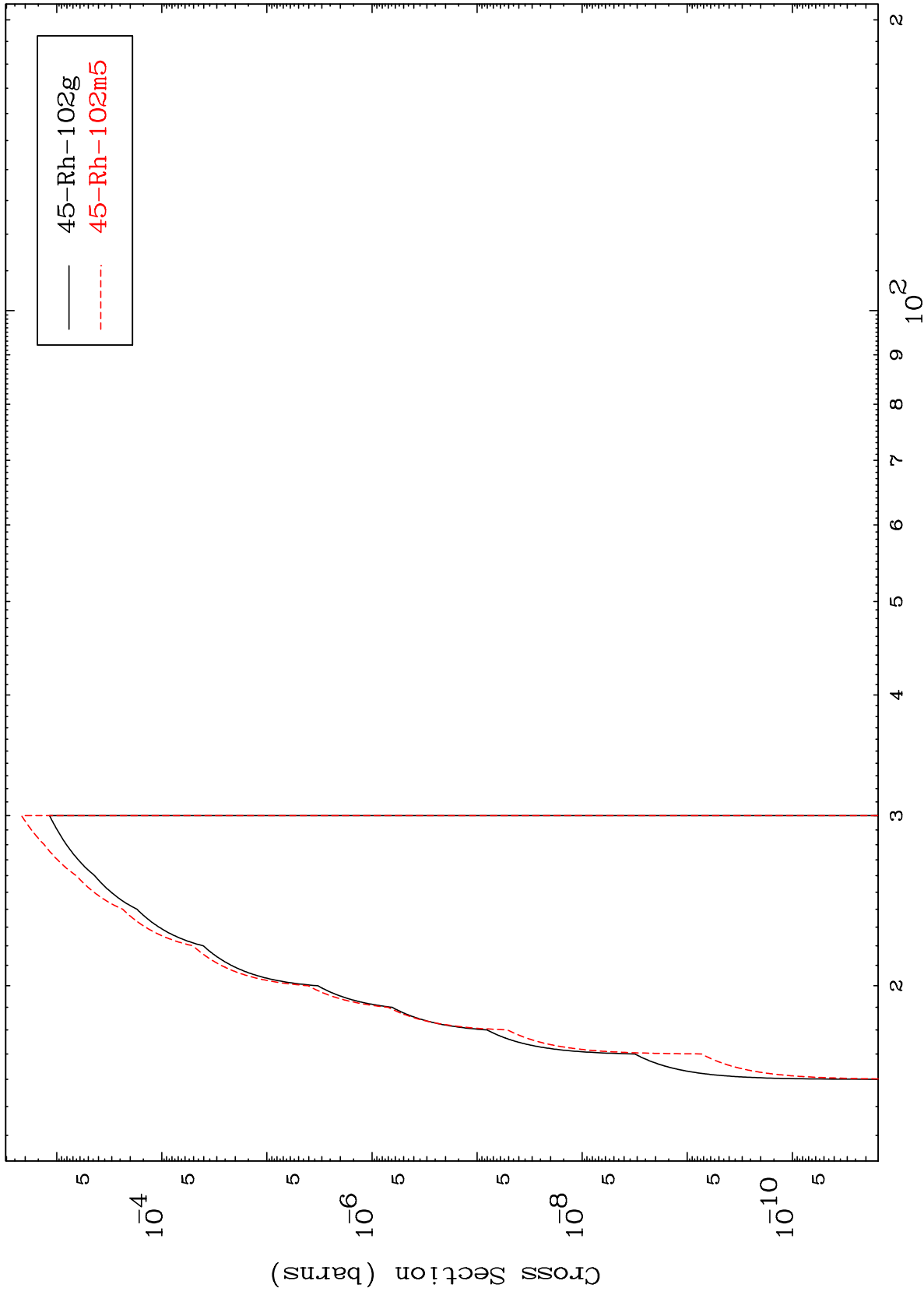
44-Ru-100

MAT 4437

(α, d)

44-Ru-100

Radionuclide Production Cross Section



16

Incident Energy (MeV)

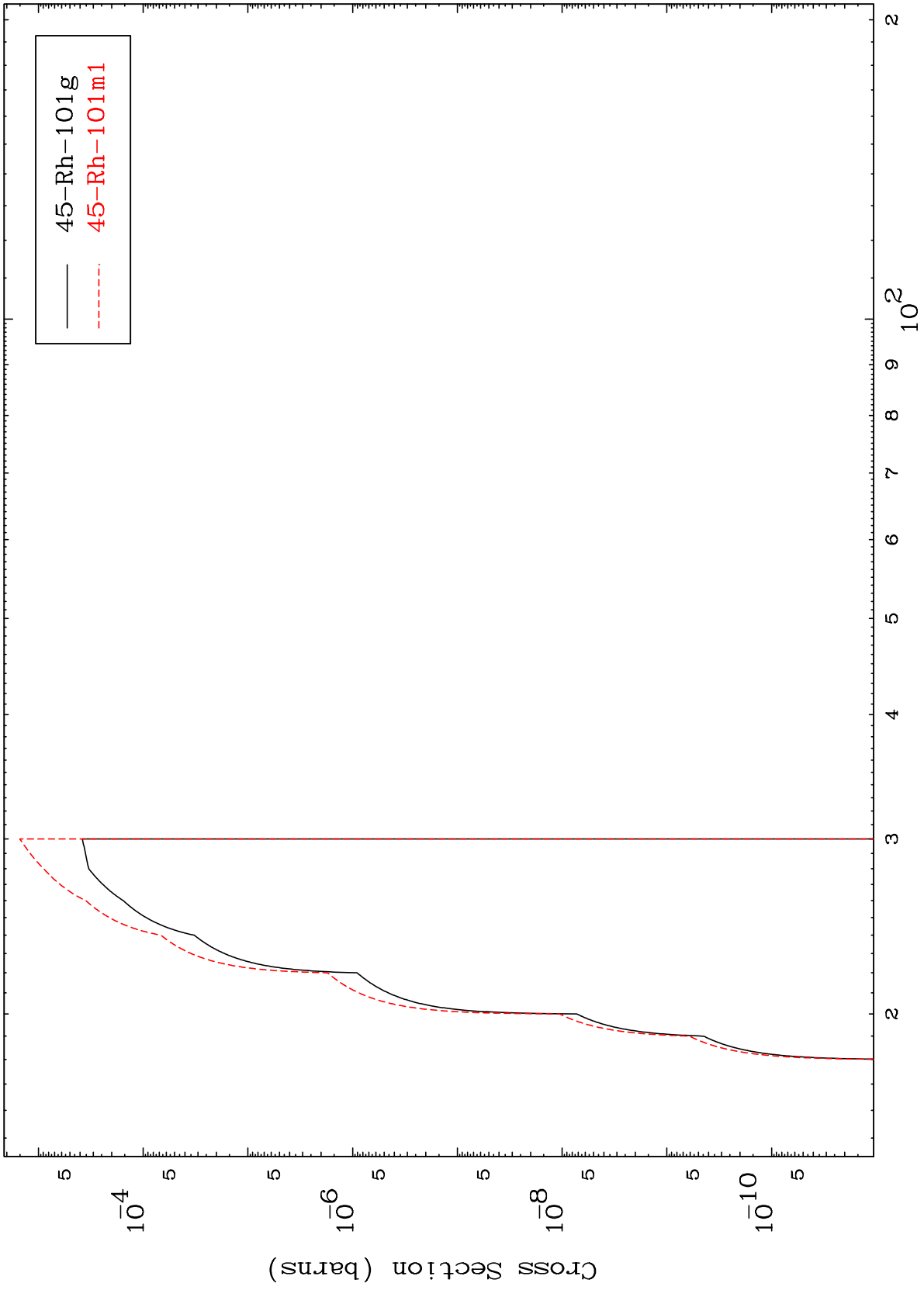
44-Ru-100

MAT 4437

(α, t)

44-Ru-100

Radionuclide Production Cross Section



17

Incident Energy (MeV)

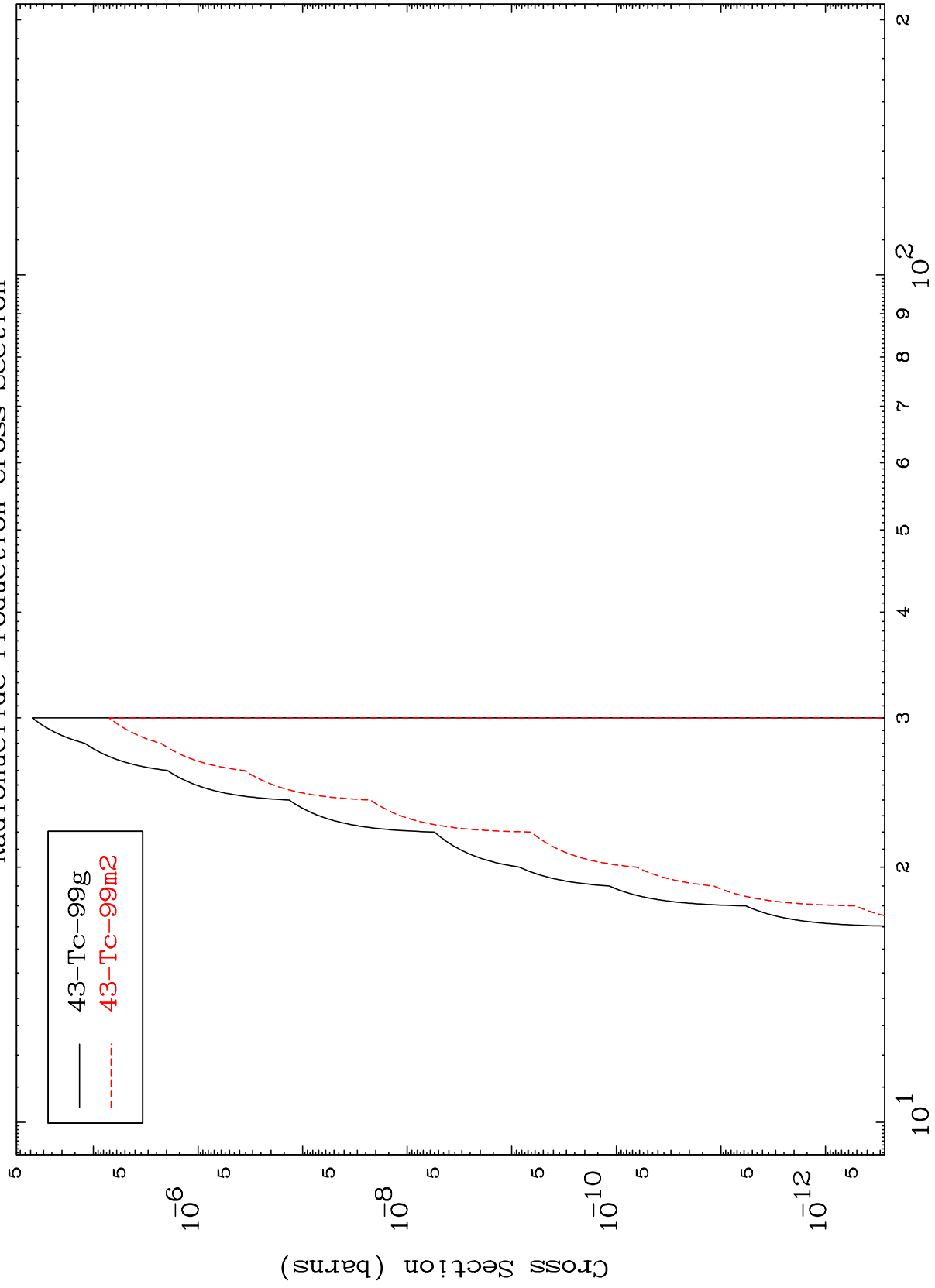
44-Ru-100

MAT 4437

(α, p) α

44-Ru-100

Radionuclide Production Cross Section



18

Incident Energy (MeV)

44-Ru-100