

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

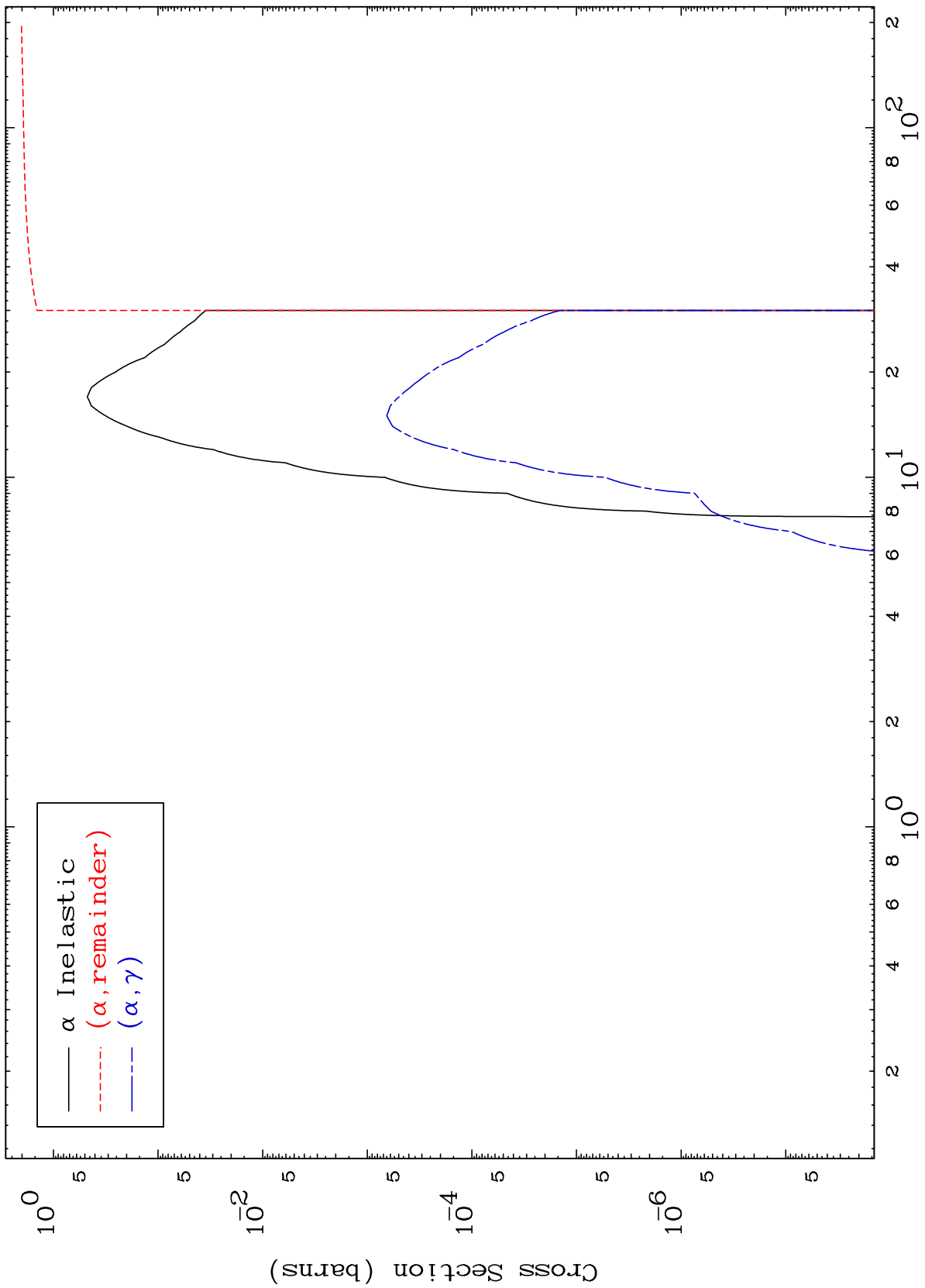
Press Mouse Button to Start

MAT 4437

α Major

44-Ru-100

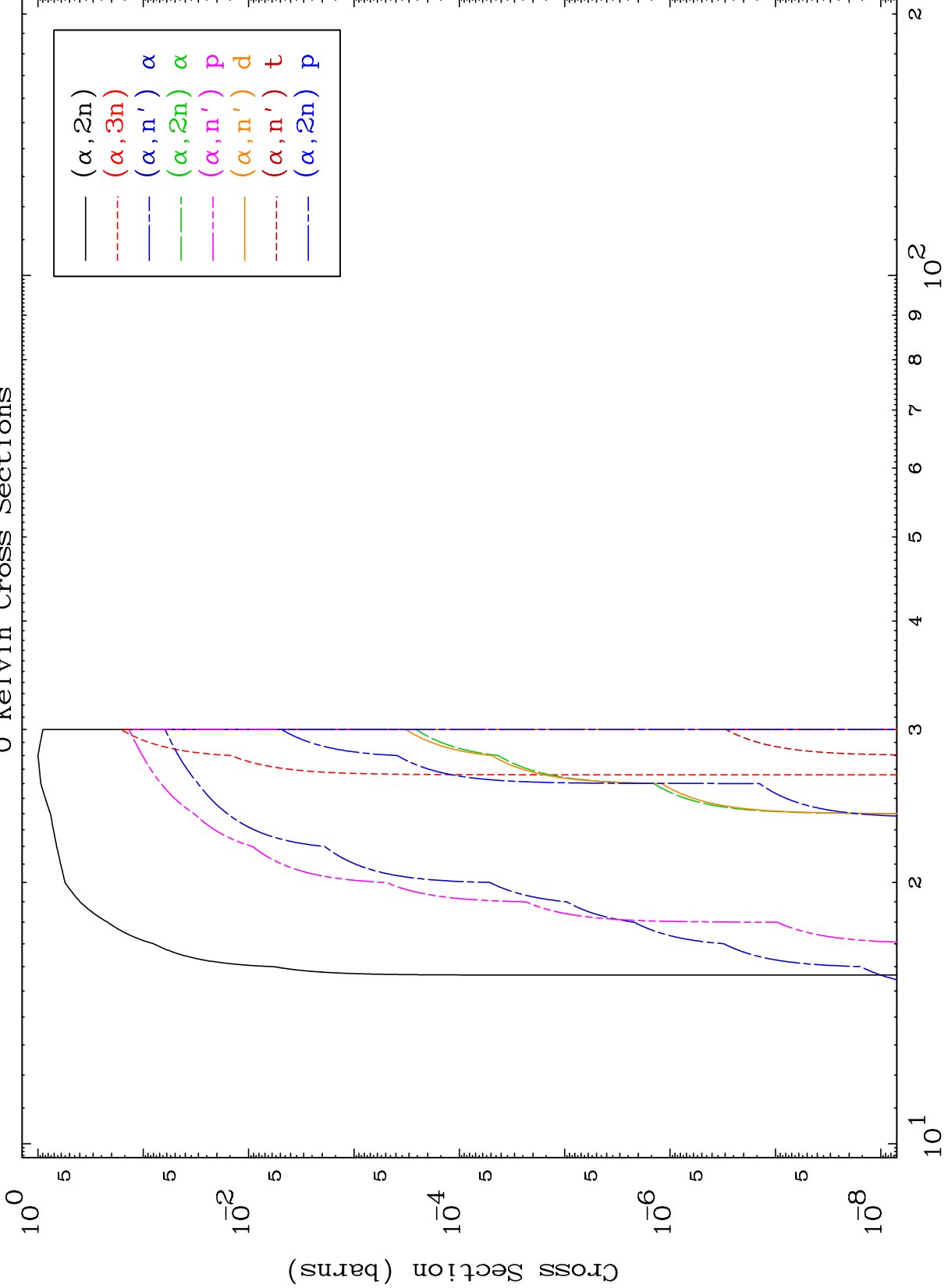
0 Kelvin Cross Sections



MAT 4437

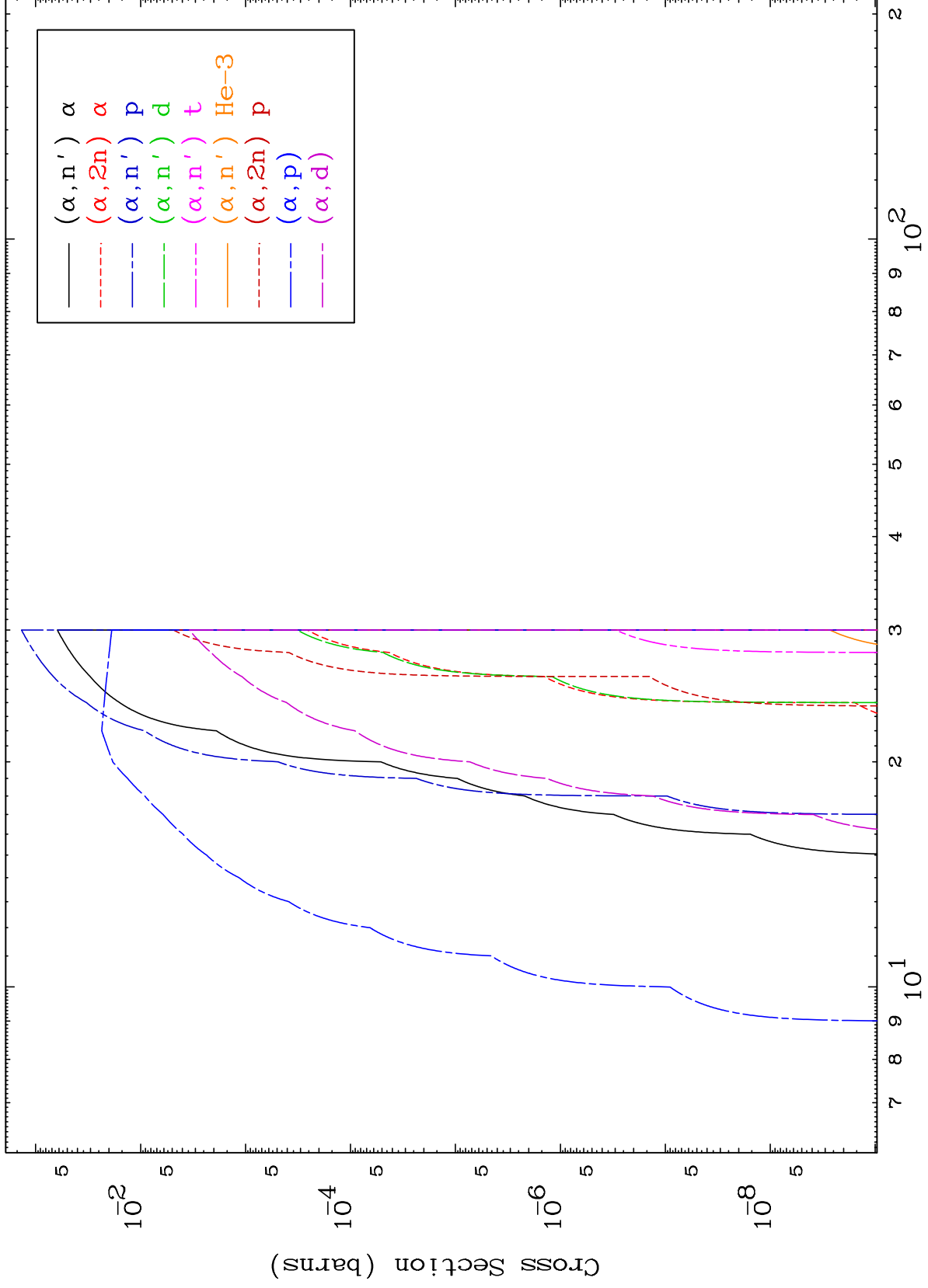
α Neutron Production
0 Kelvin Cross Sections

44-Ru-100



Incident Energy (MeV)

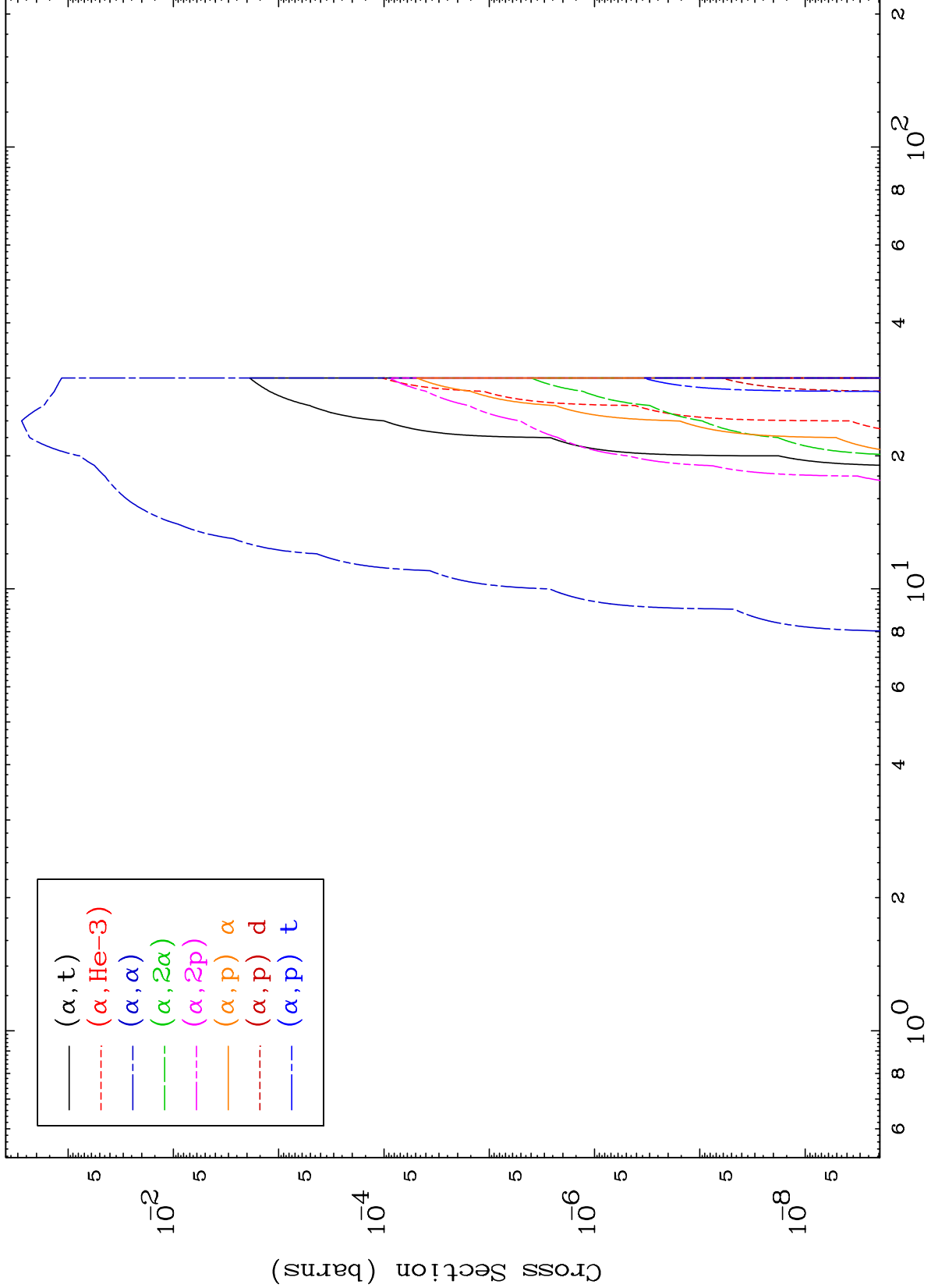
44-Ru-100



MAT 4437

α Charged Particle
0 Kelvin Cross Sections

44-Ru-100

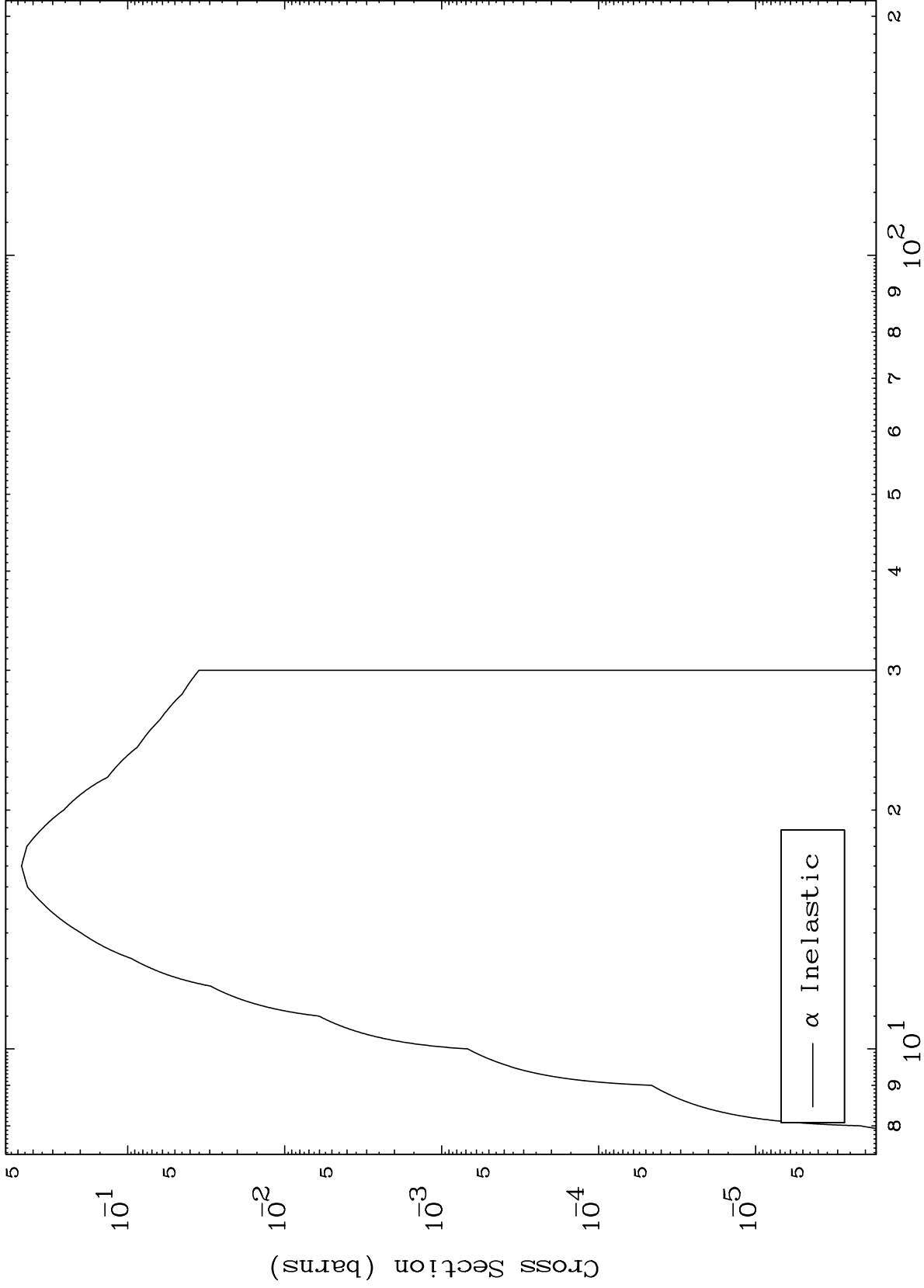


MAT 4437

(α, n') Level

44-Ru-100

0 Kelvin Cross Sections



α Inelastic

5

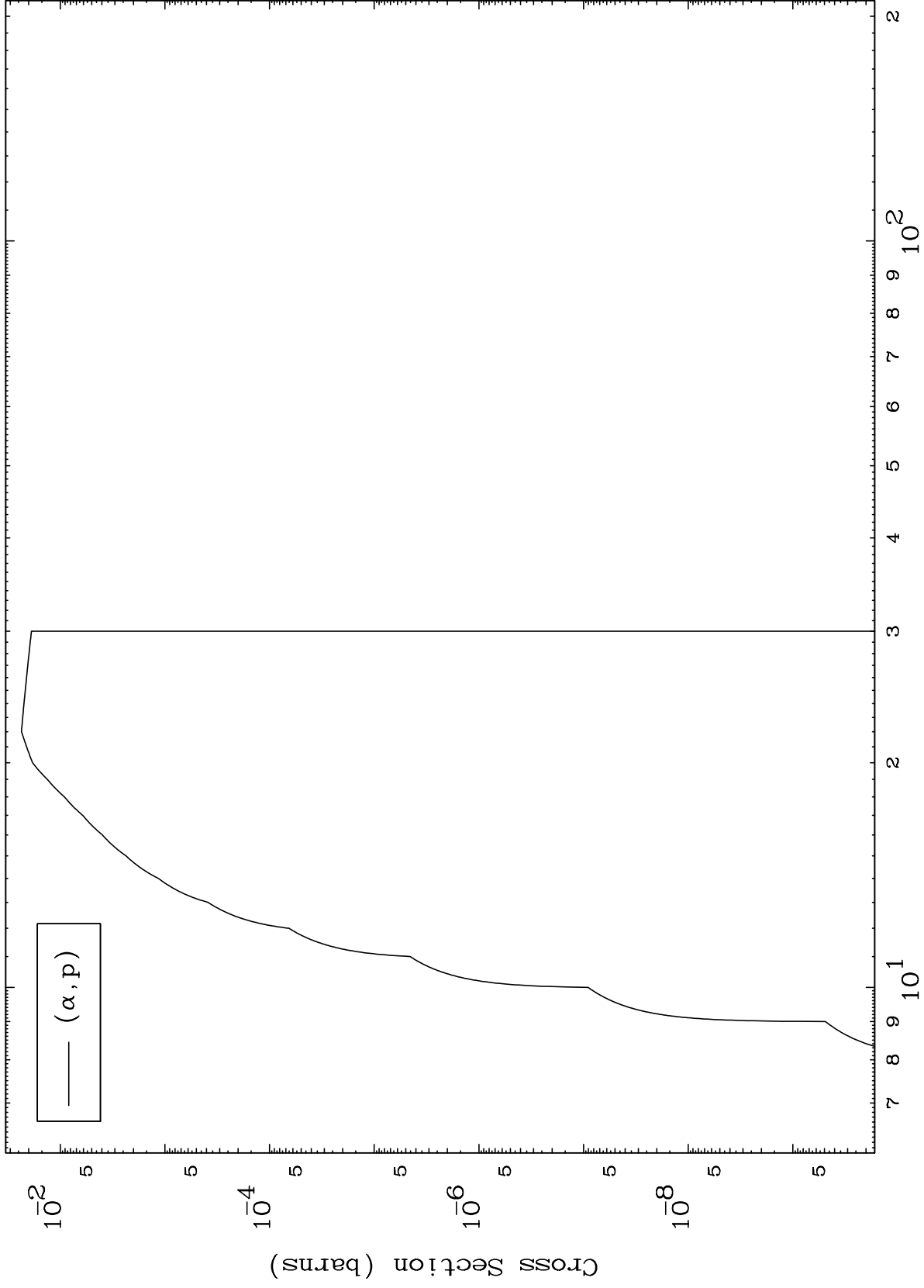
Incident Energy (MeV)

44-Ru-100

MAT 4437

(α, p) Levels
0 Kelvin Cross Sections

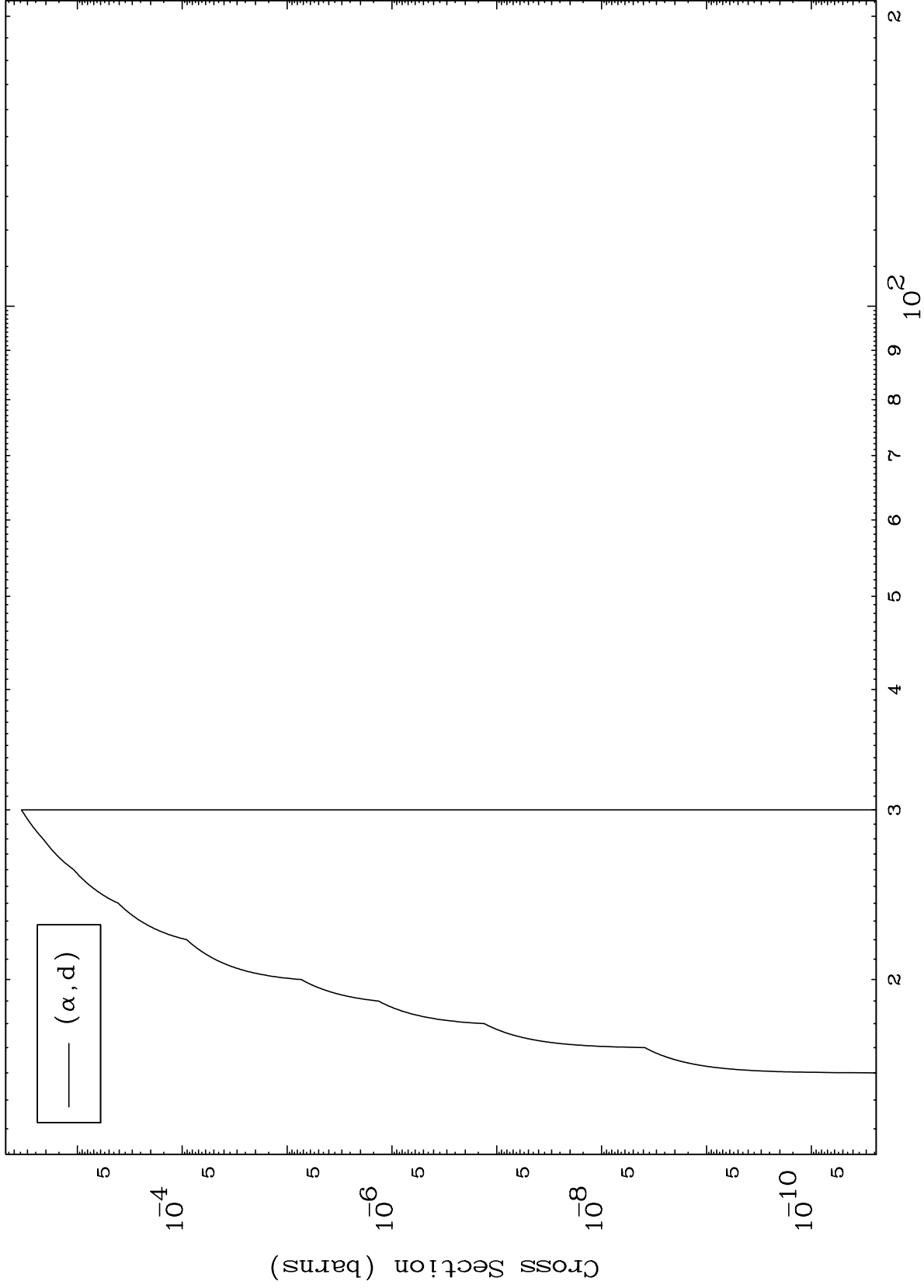
44-Ru-100

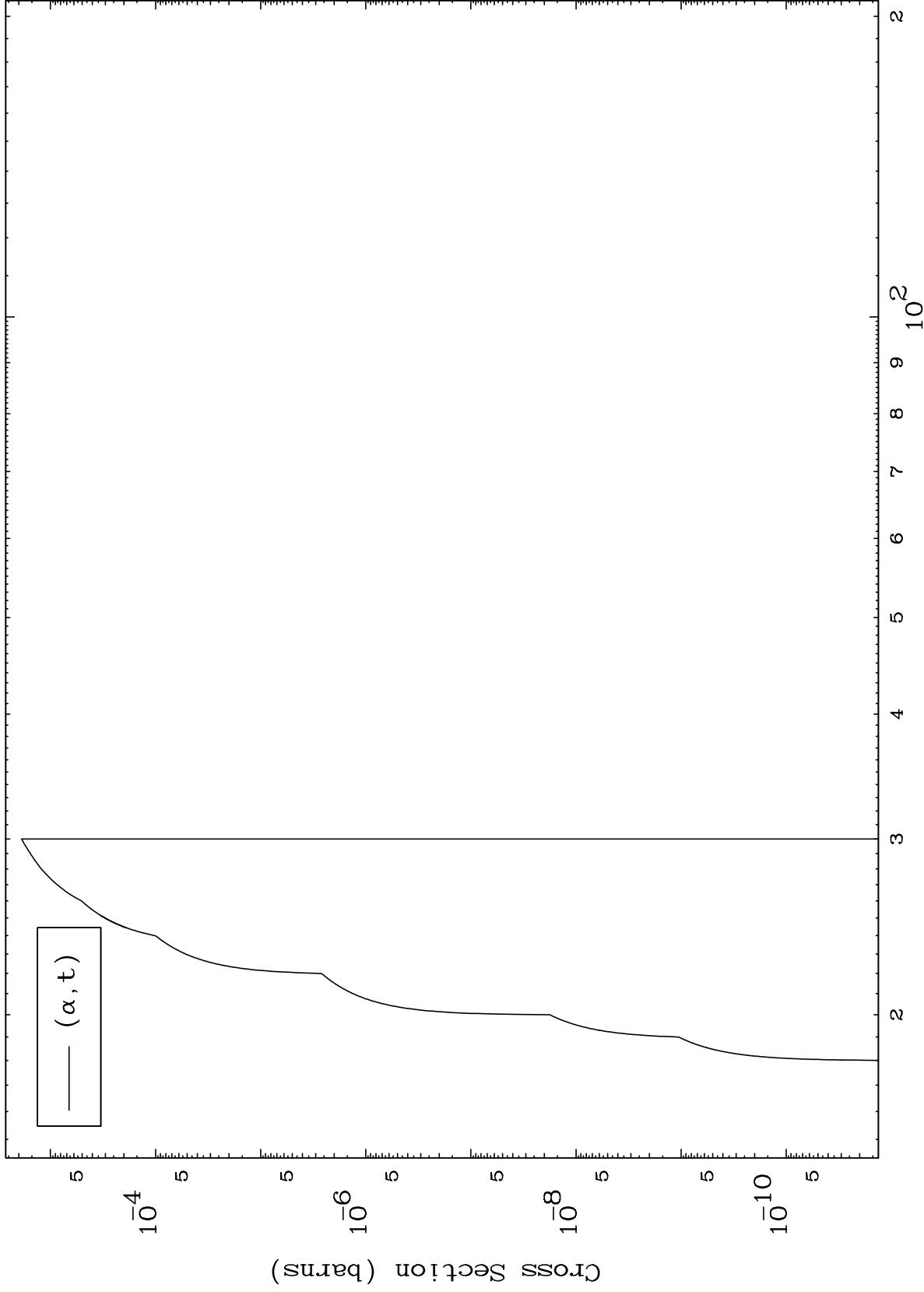


6

Incident Energy (MeV)

44-Ru-100



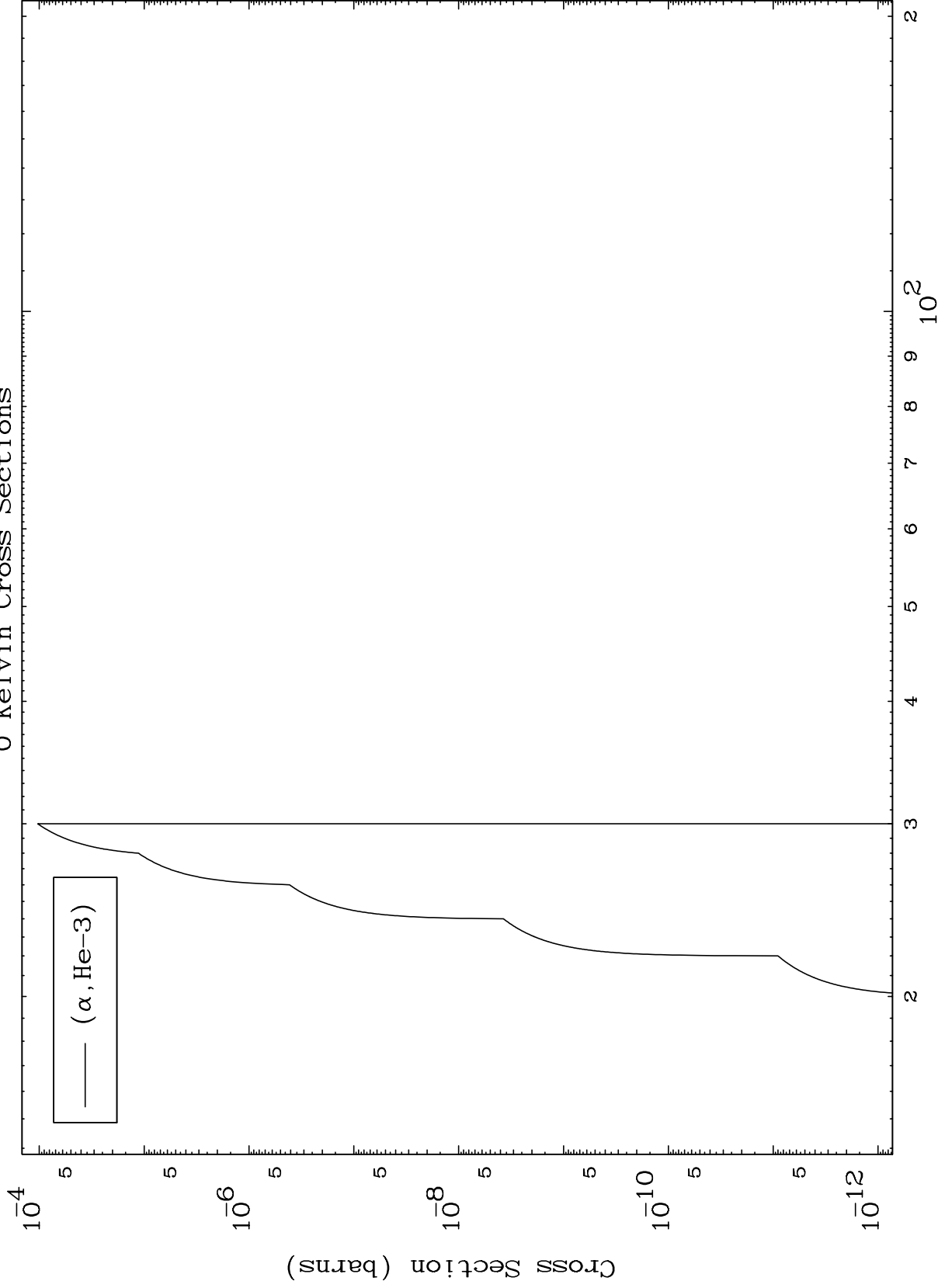


MAT 4437

(α , He3) Levels

44-Ru-100

0 Kelvin Cross Sections

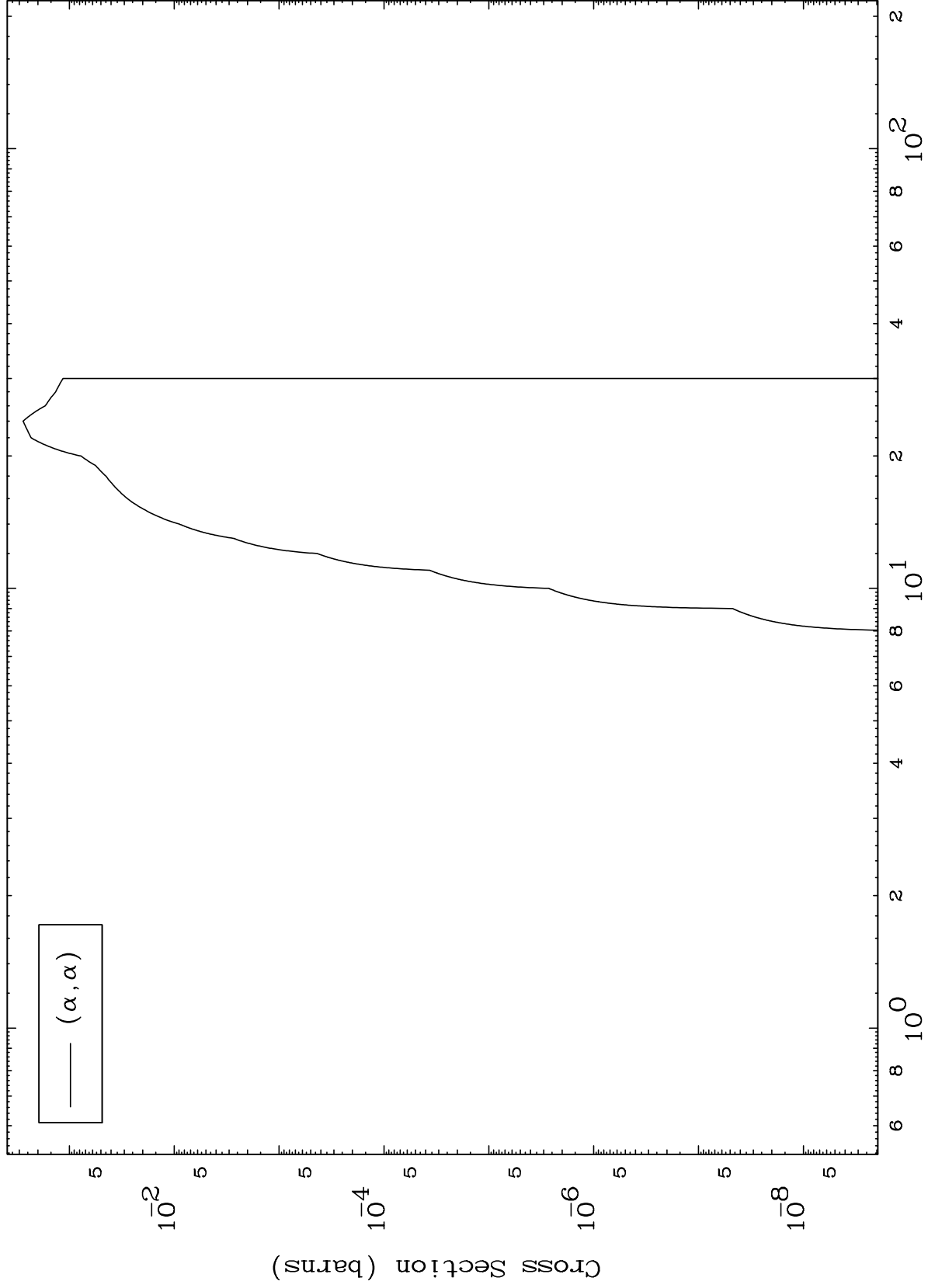


MAT 4437

(α, α) Levels

44-Ru-100

0 Kelvin Cross Sections

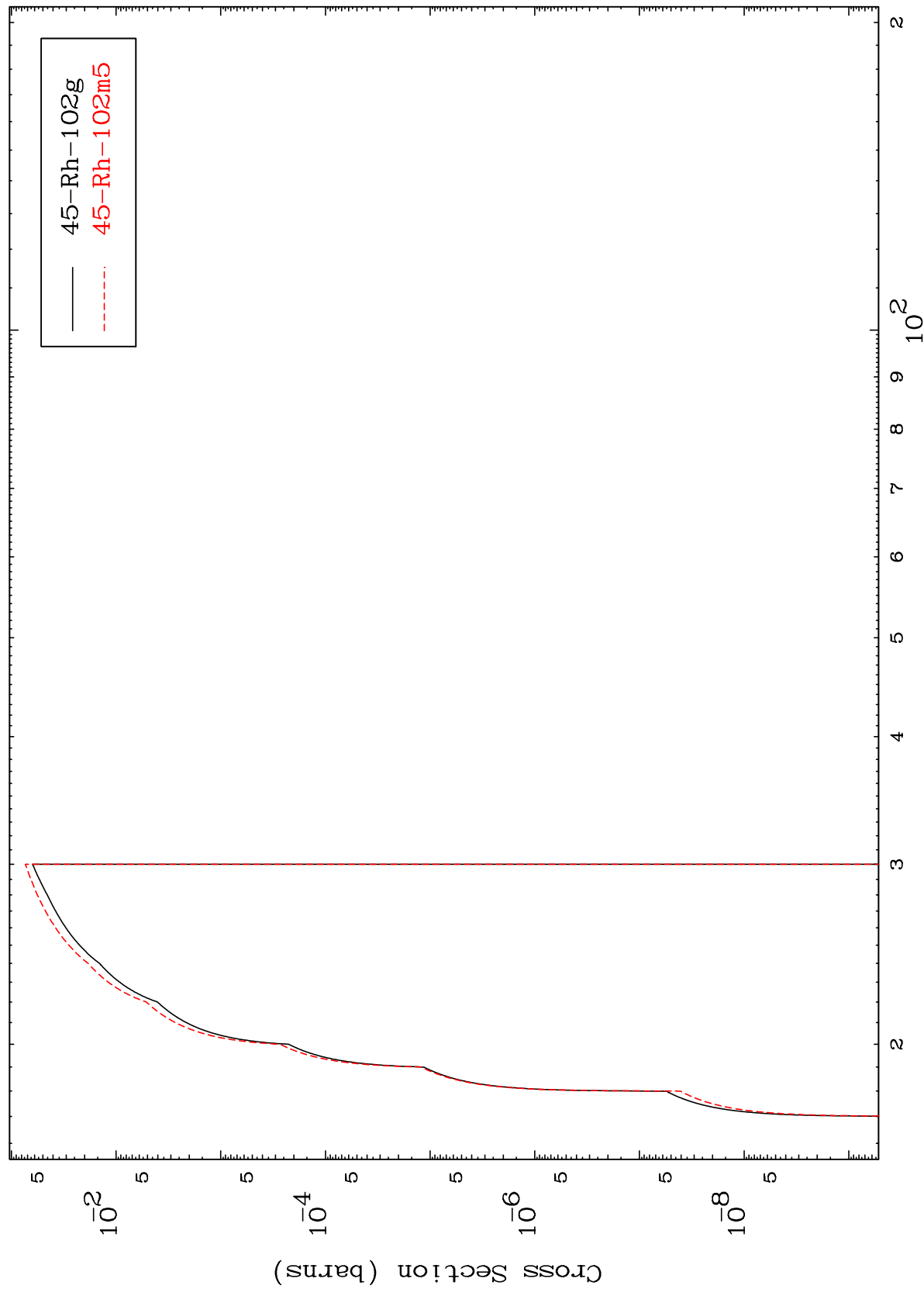


10

Incident Energy (MeV)

44-Ru-100

Radionuclide Production Cross Section

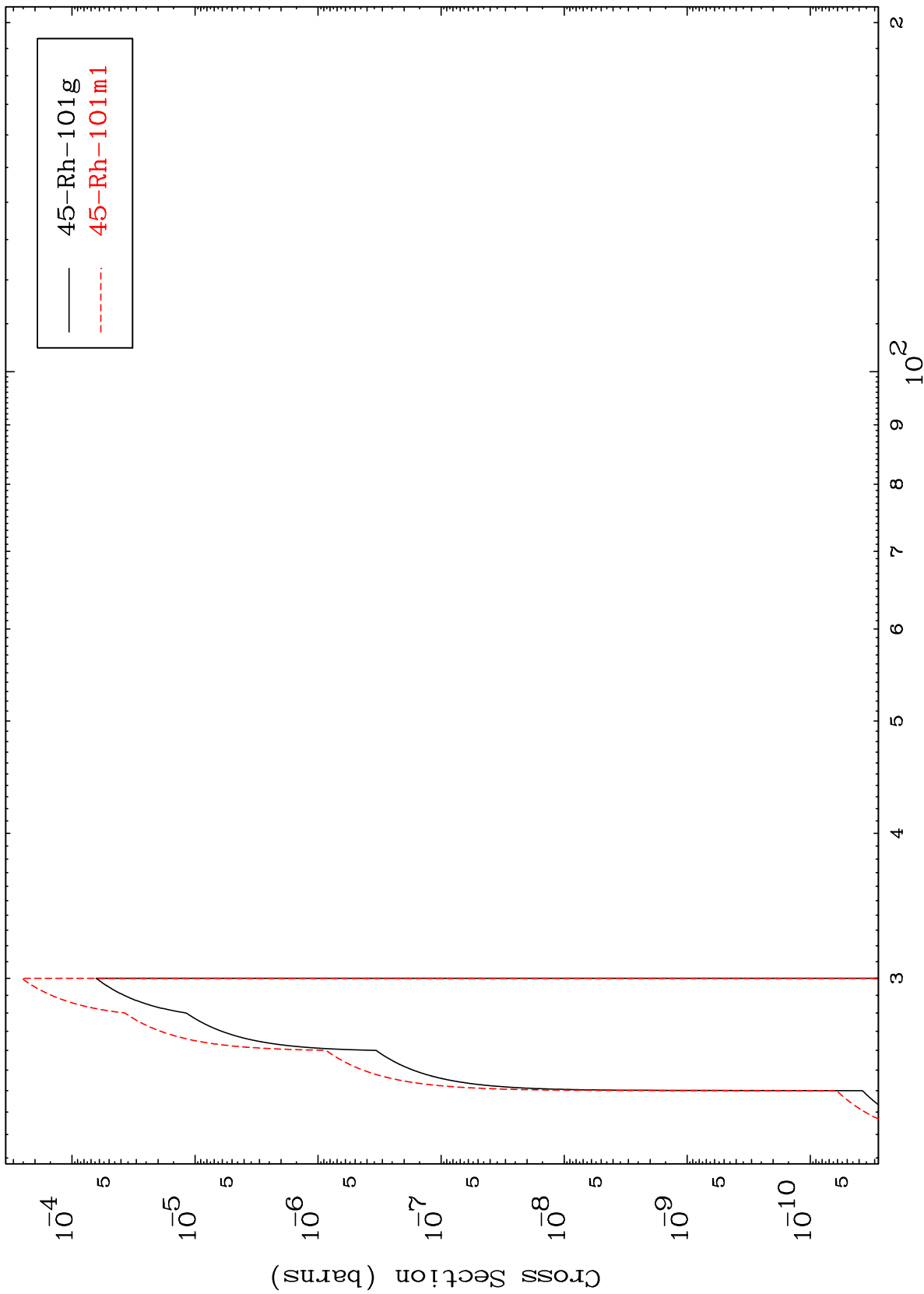


MAT 4437

(α, n') d

44-Ru-100

Radionuclide Production Cross Section



45-Rh-101g
45-Rh-101m1

12

Incident Energy (MeV)

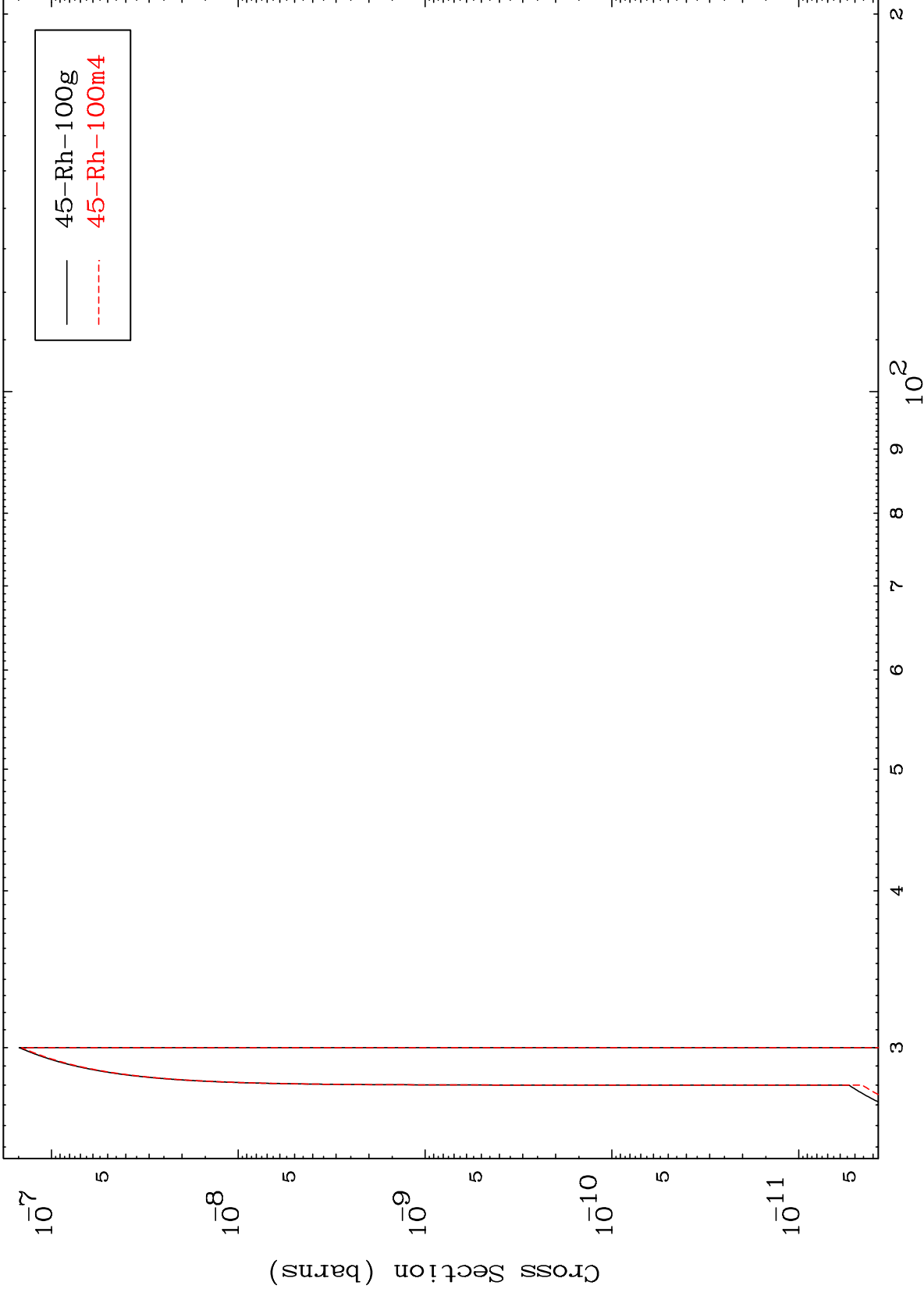
44-Ru-100

MAT 4437

(α, n') t

44-Ru-100

Radionuclide Production Cross Section



13

Incident Energy (MeV)

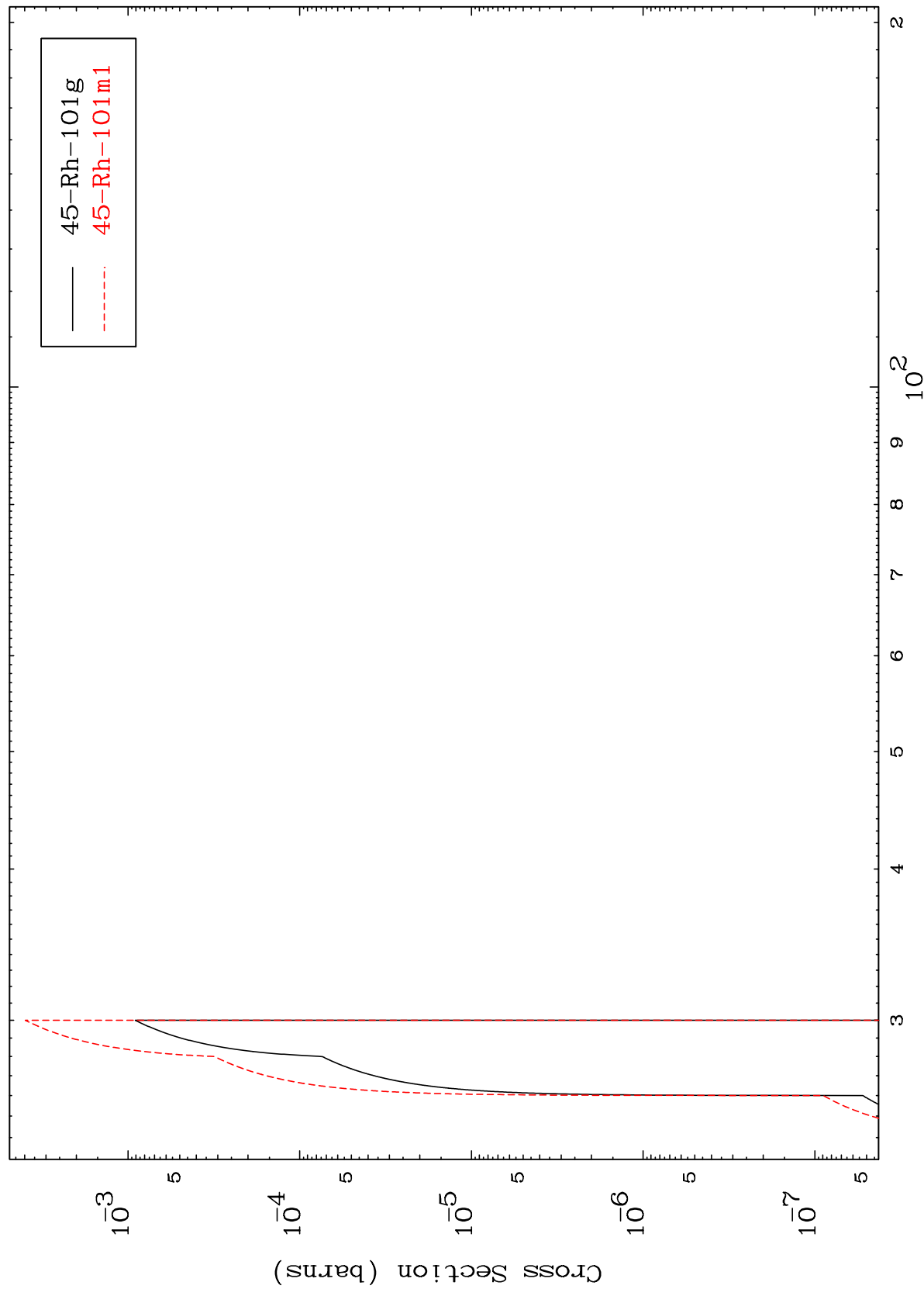
44-Ru-100

MAT 4437

$(\alpha, 2n)$ p

44-Ru-100

Radionuclide Production Cross Section



14

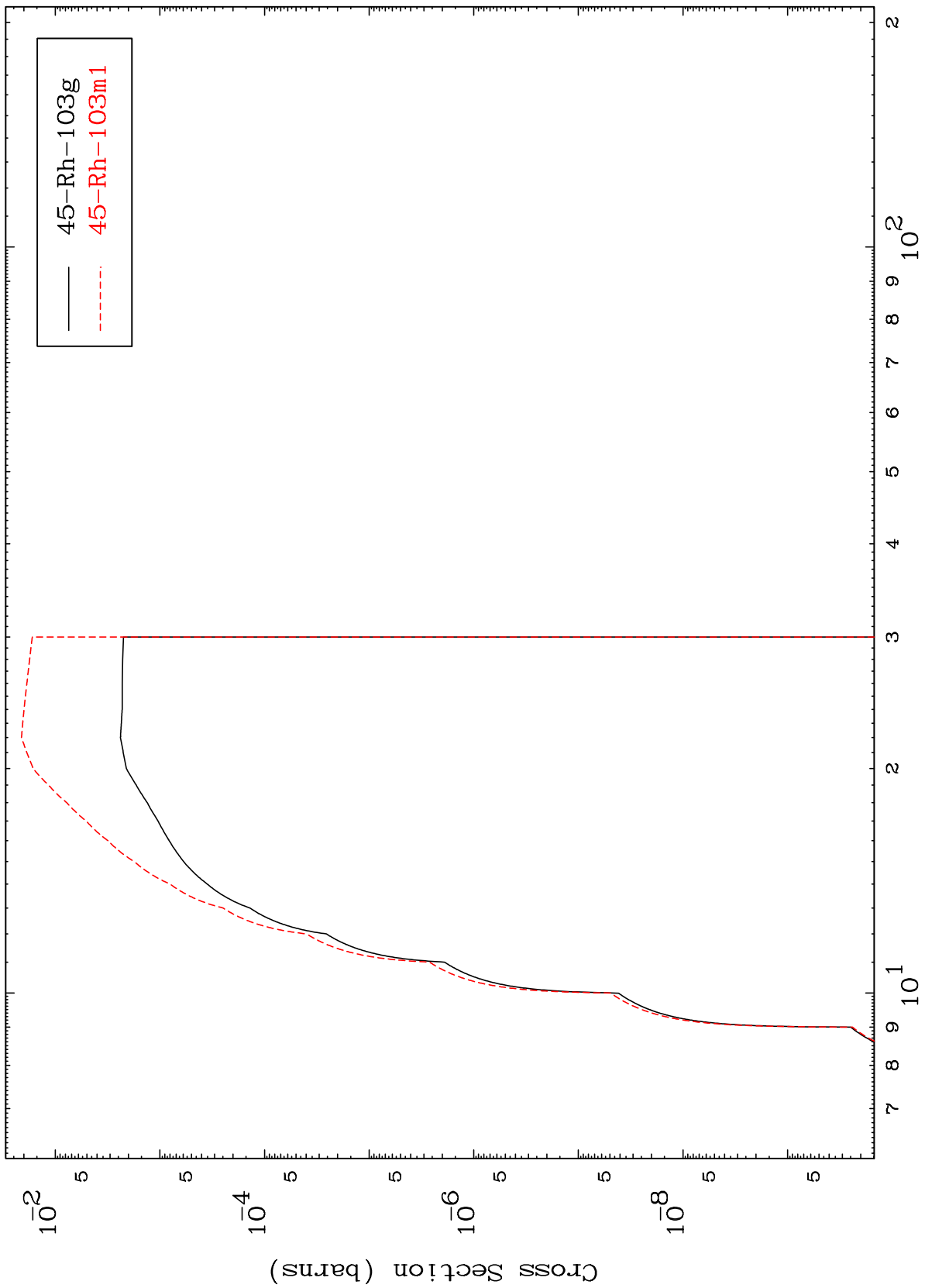
Incident Energy (MeV)

44-Ru-100

MAT 4437

44-Ru-100

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

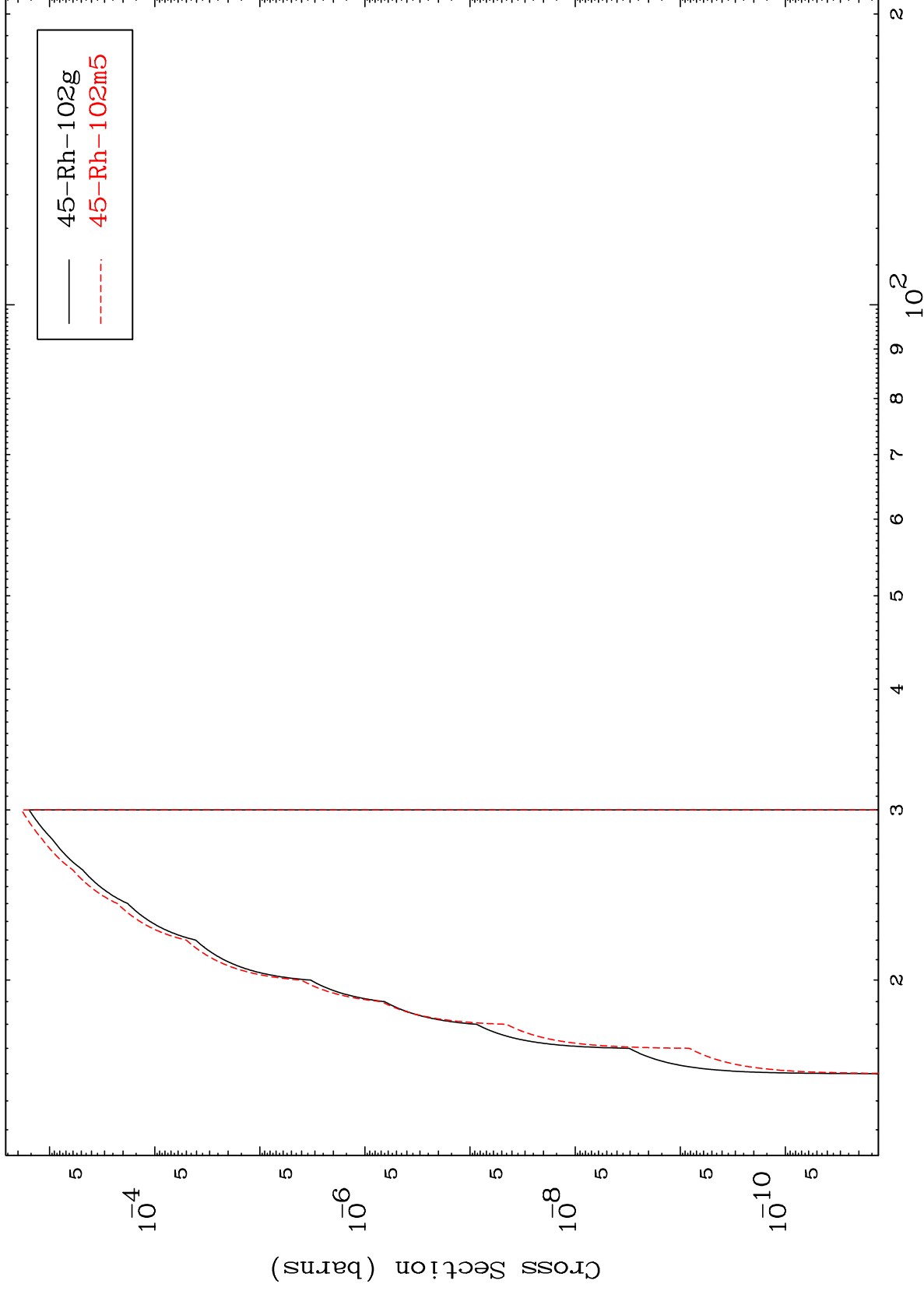
44-Ru-100

MAT 4437

(α, d)

44-Ru-100

Radionuclide Production Cross Section



16

Incident Energy (MeV)

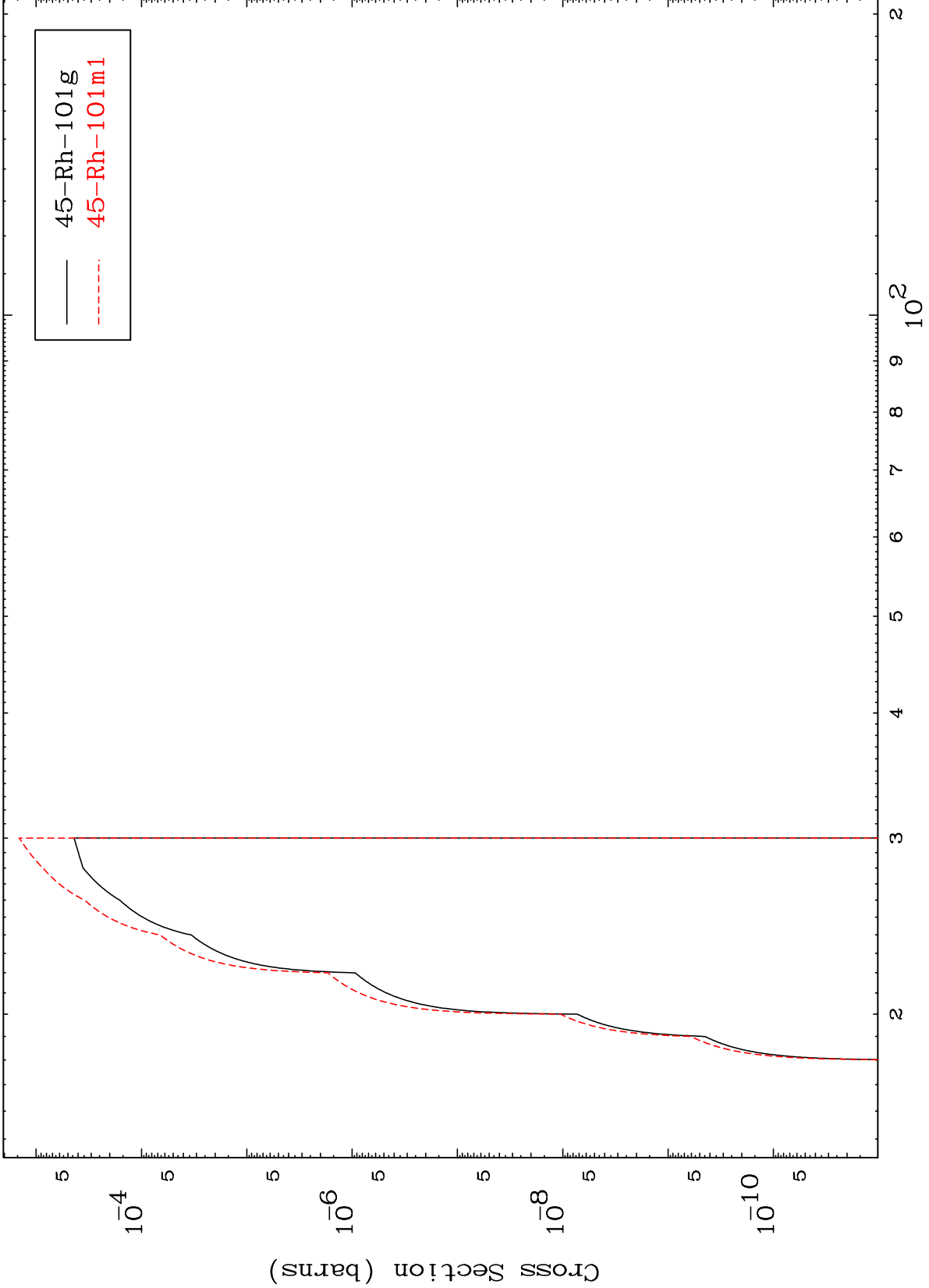
44-Ru-100

MAT 4437

(α, t)

44-Ru-100

Radionuclide Production Cross Section



17

Incident Energy (MeV)

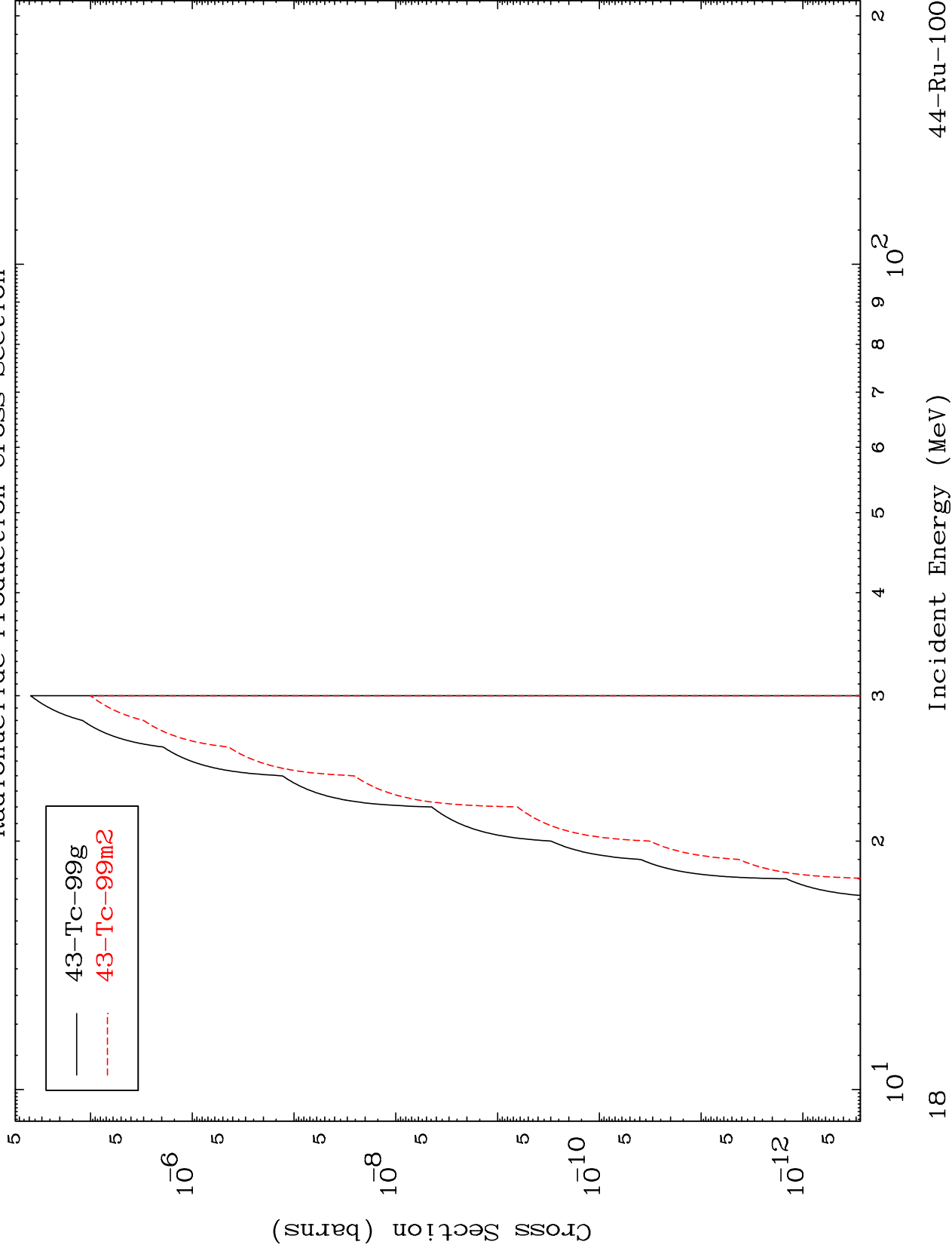
44-Ru-100

MAT 4437

(α, p) α

44-Ru-100

Radionuclide Production Cross Section



Incident Energy (MeV)

44-Ru-100