

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

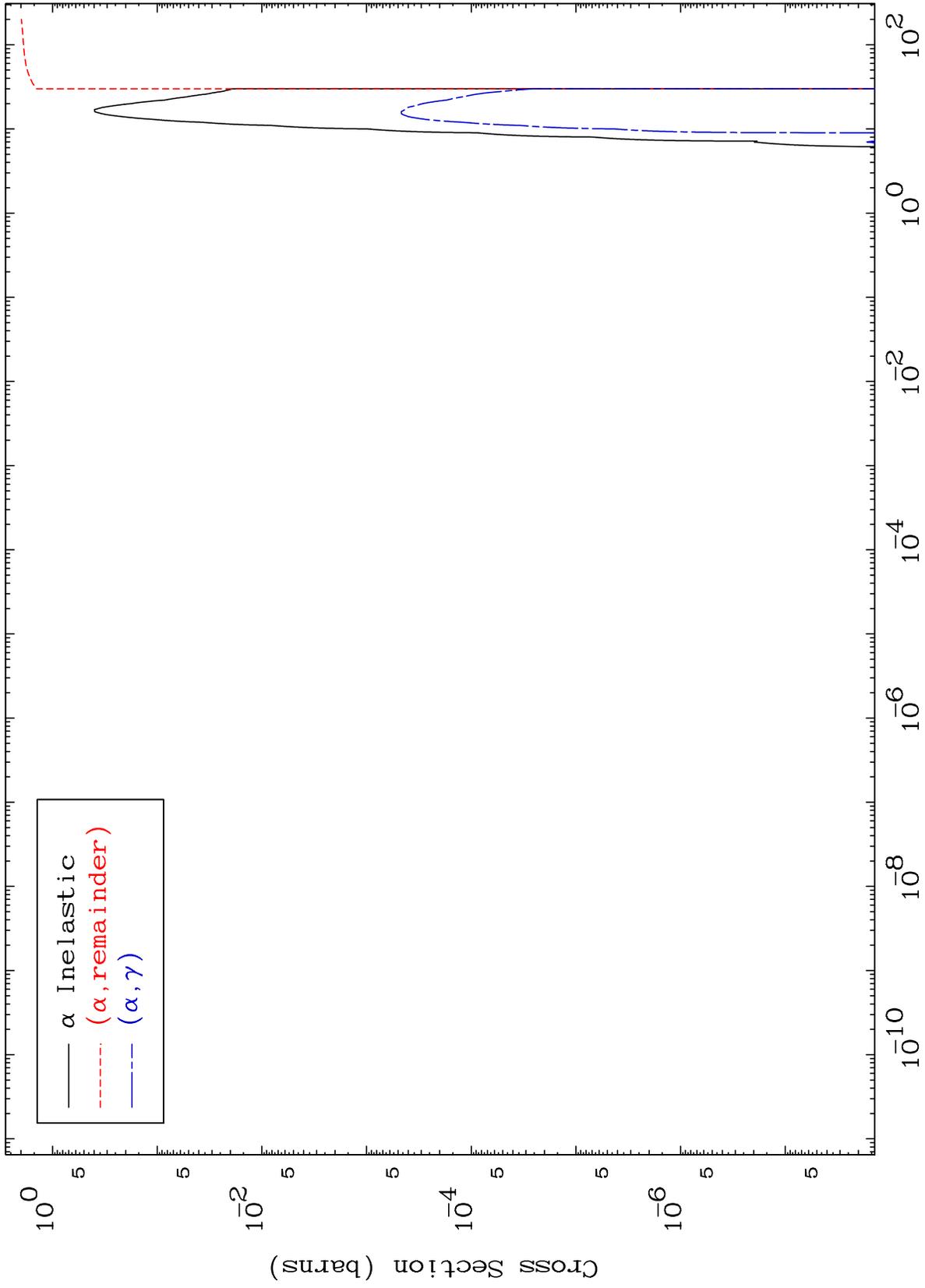
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4317

0 Kelvin α Major
Cross Sections

43-Tc-96



1

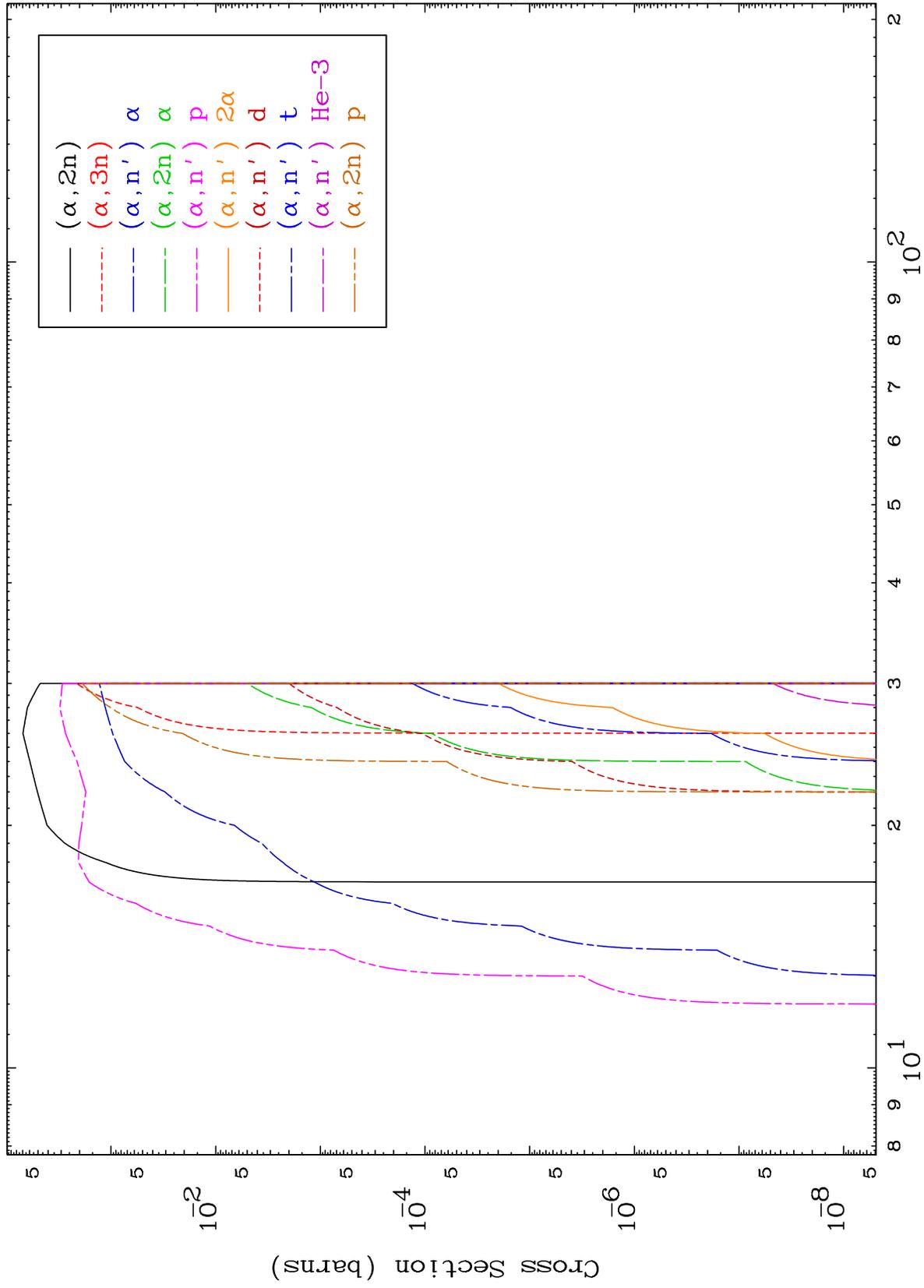
Incident Energy (MeV)

43-Tc-96

MAT 4317

α Neutron Production
0 Kelvin Cross Sections

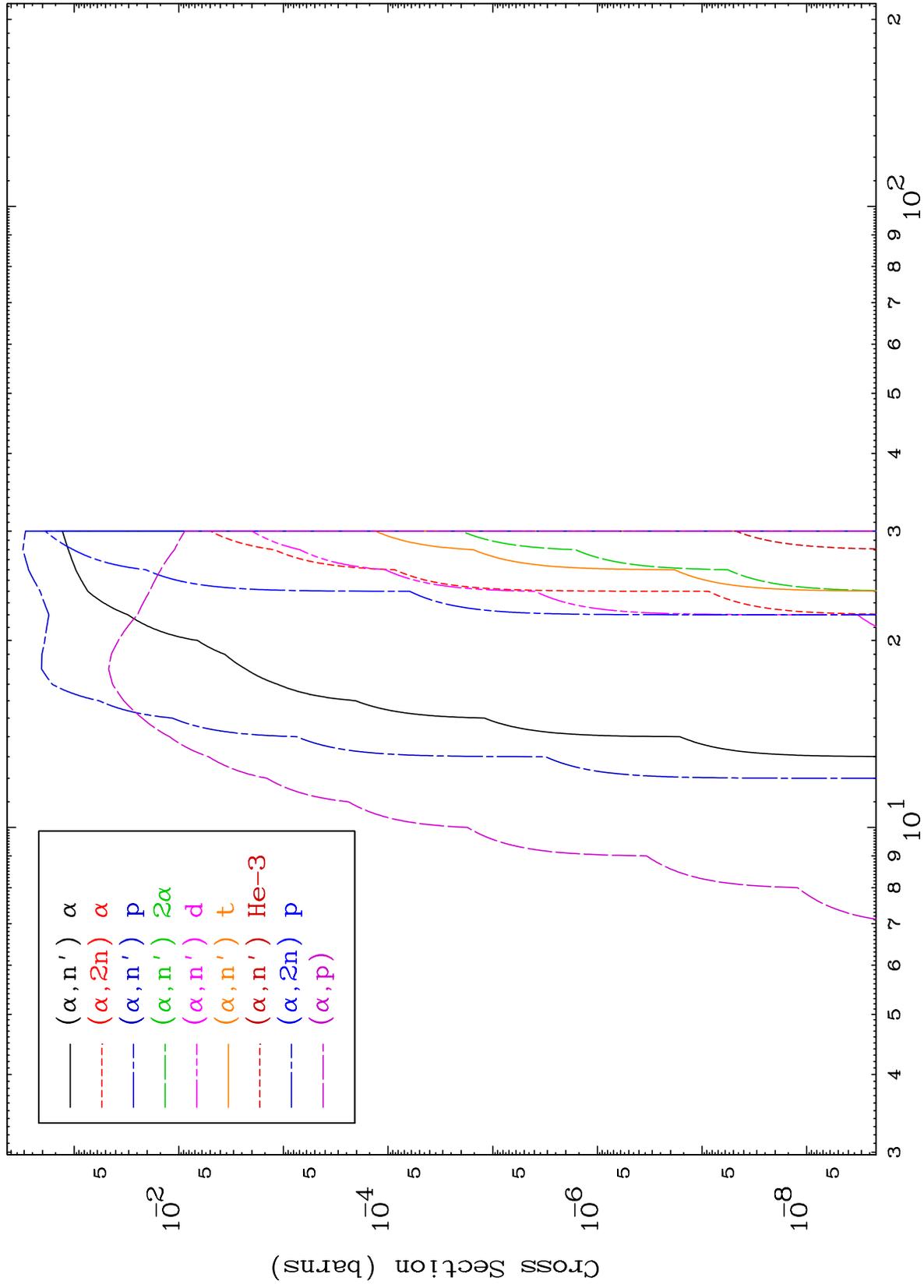
43-Tc-96



2

Incident Energy (MeV)

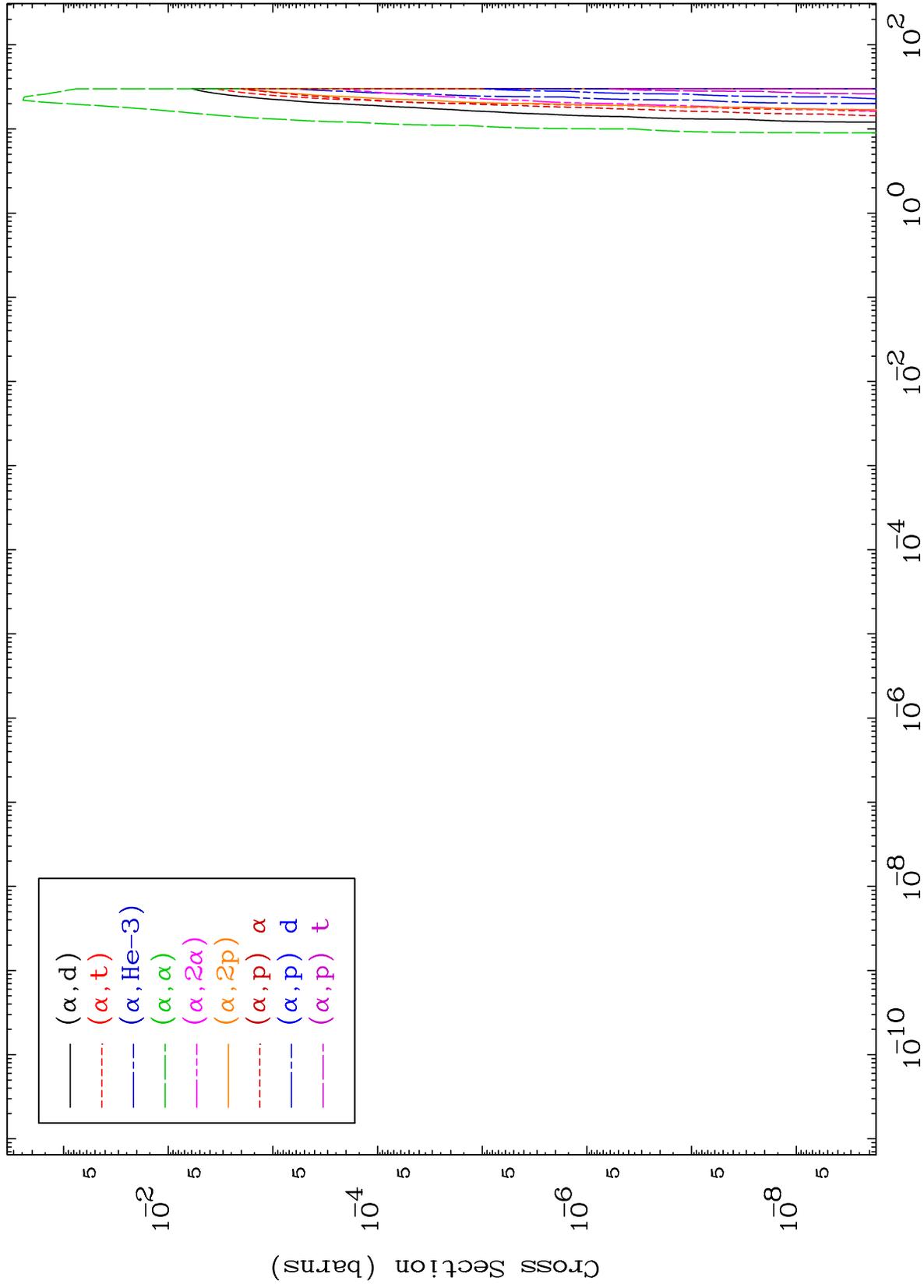
43-Tc-96



MAT 4317

α Charged Particle
0 Kelvin Cross Sections

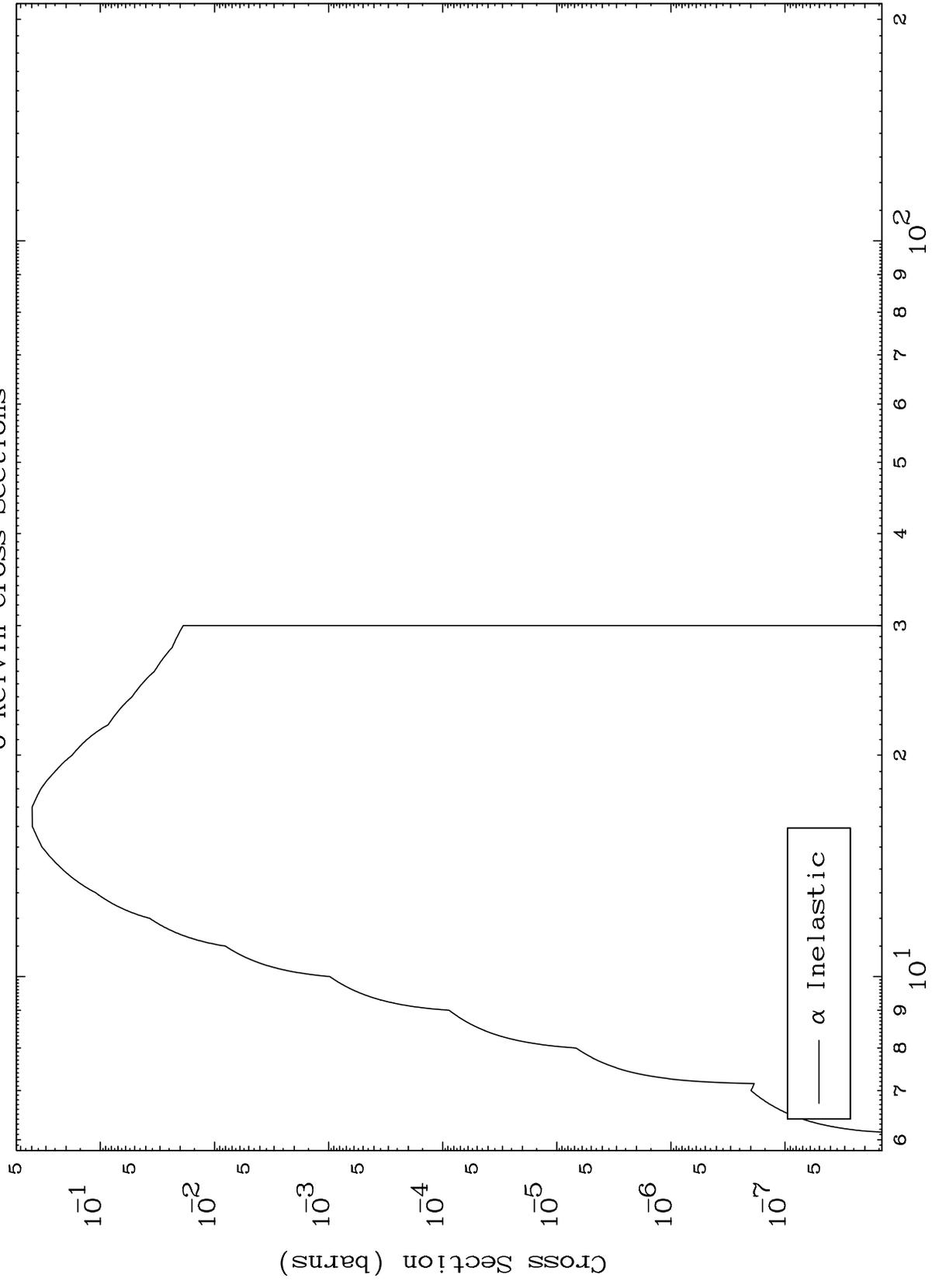
43-Tc-96



MAT 4317

(α, n') Level
0 Kelvin Cross Sections

43-Tc-96



5

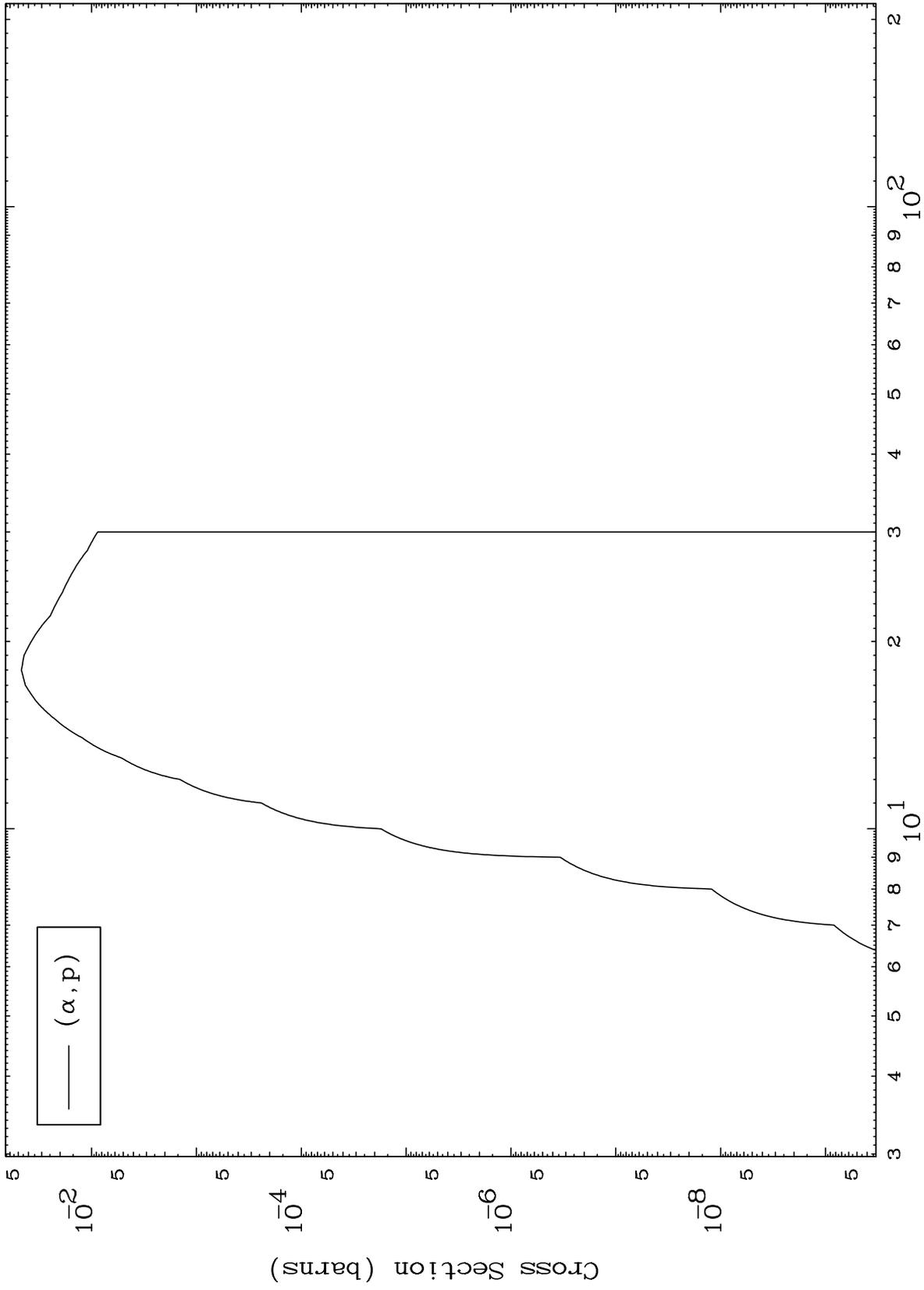
Incident Energy (MeV)

43-Tc-96

MAT 4317

(α, p) Levels
0 Kelvin Cross Sections

43-Tc-96



6

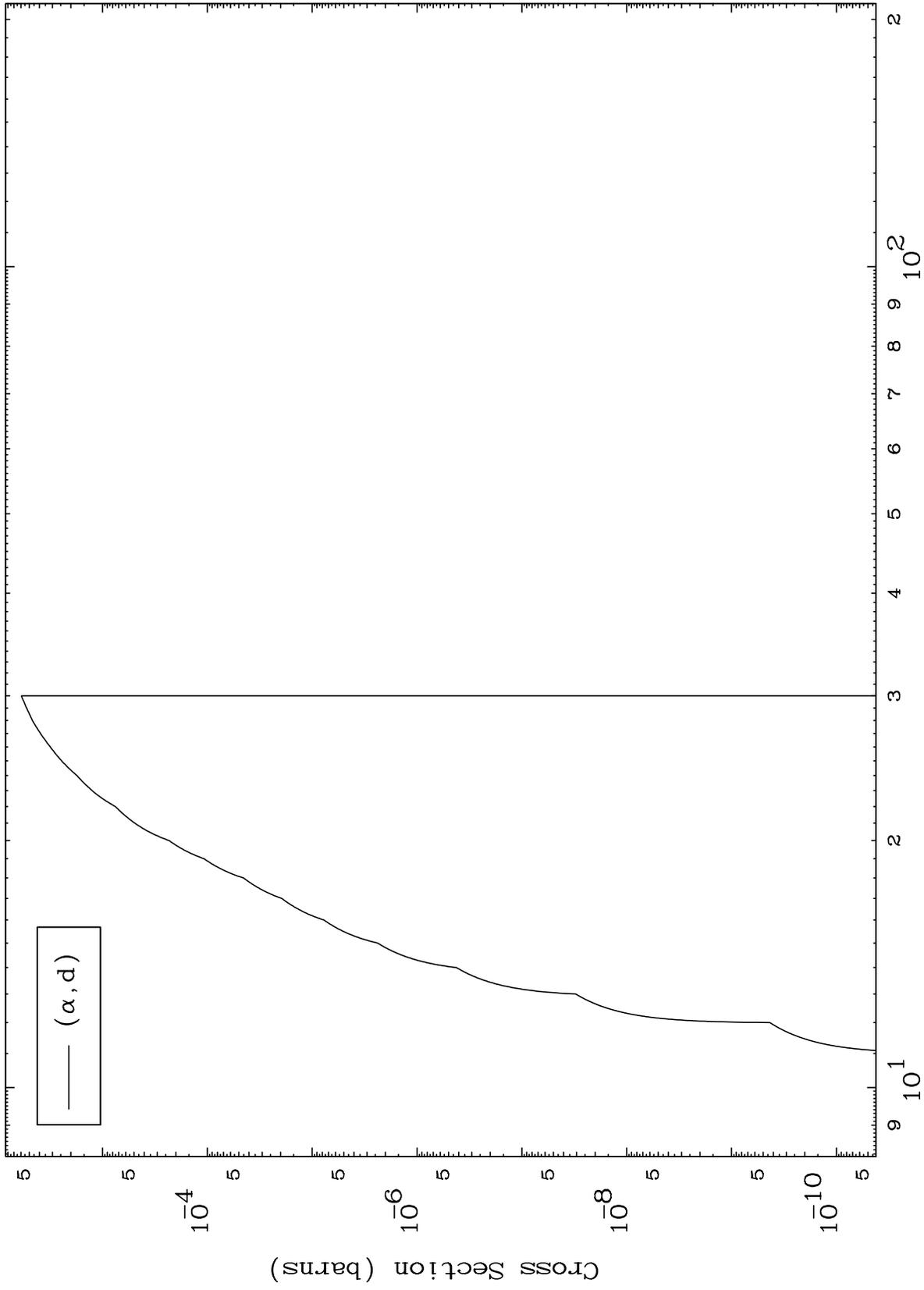
Incident Energy (MeV)

43-Tc-96

MAT 4317

(α, d) Levels
0 Kelvin Cross Sections

43-Tc-96



7

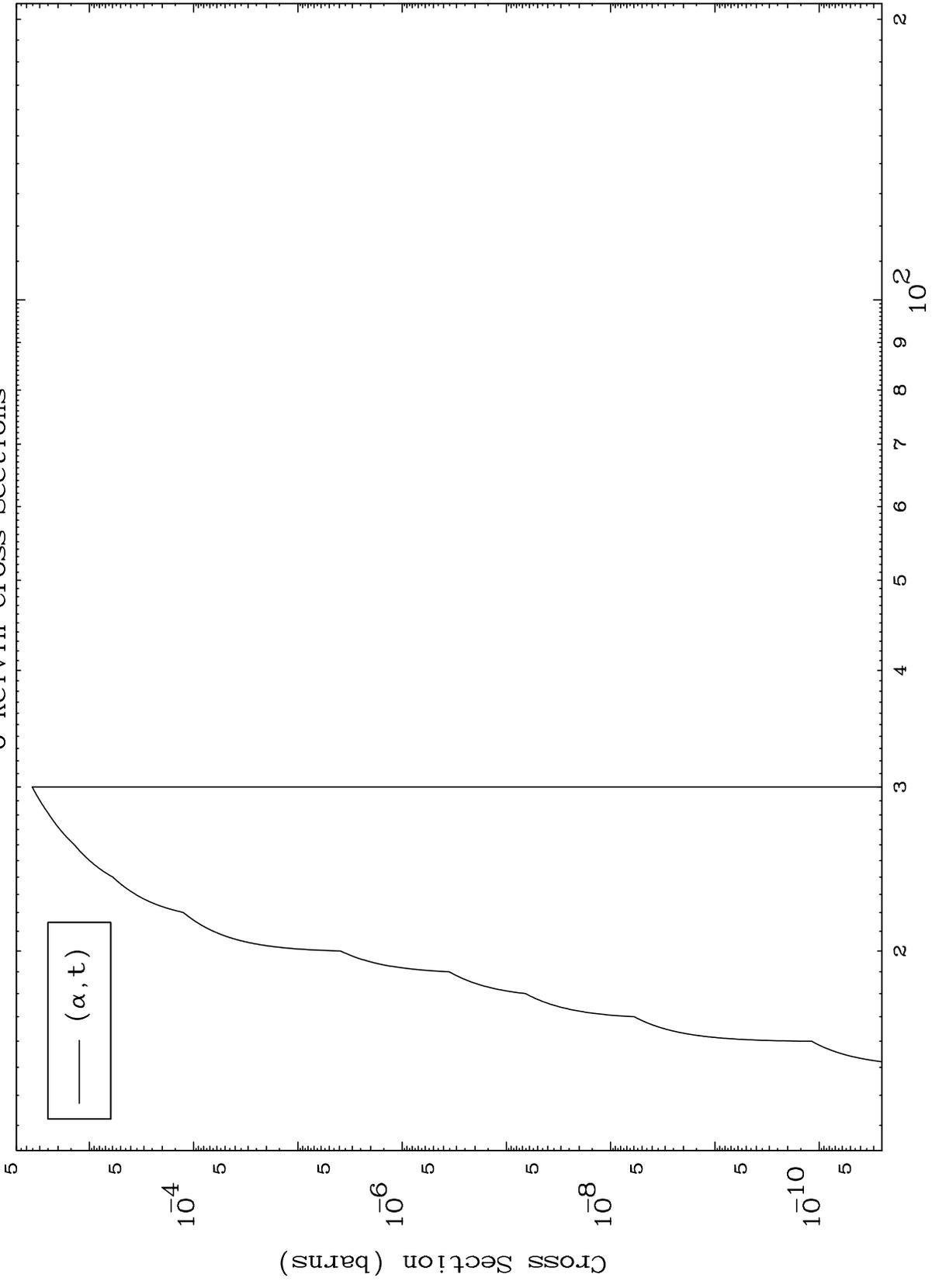
Incident Energy (MeV)

43-Tc-96

MAT 4317

(α, t) Levels
0 Kelvin Cross Sections

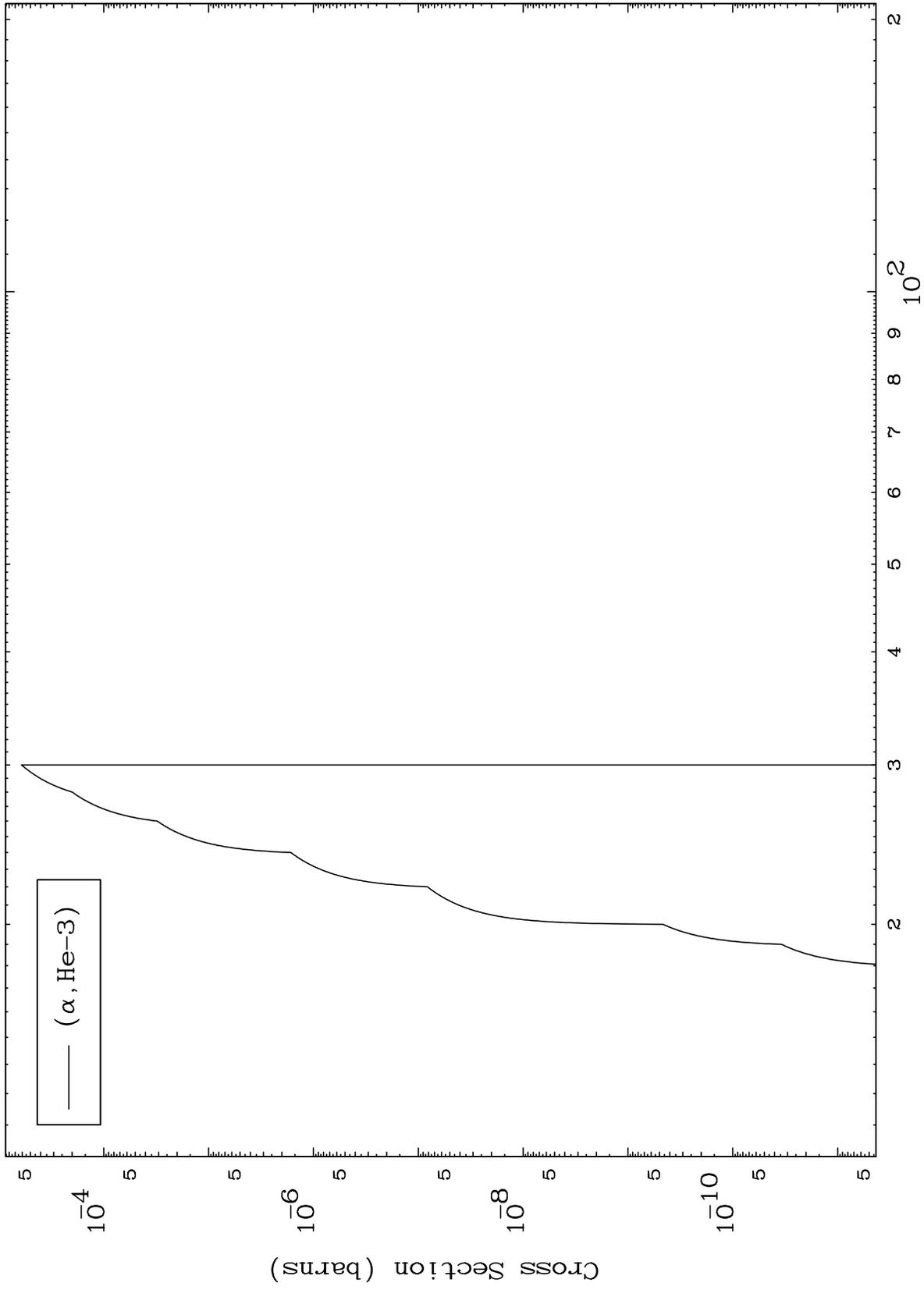
43-Tc-96



8

Incident Energy (MeV)

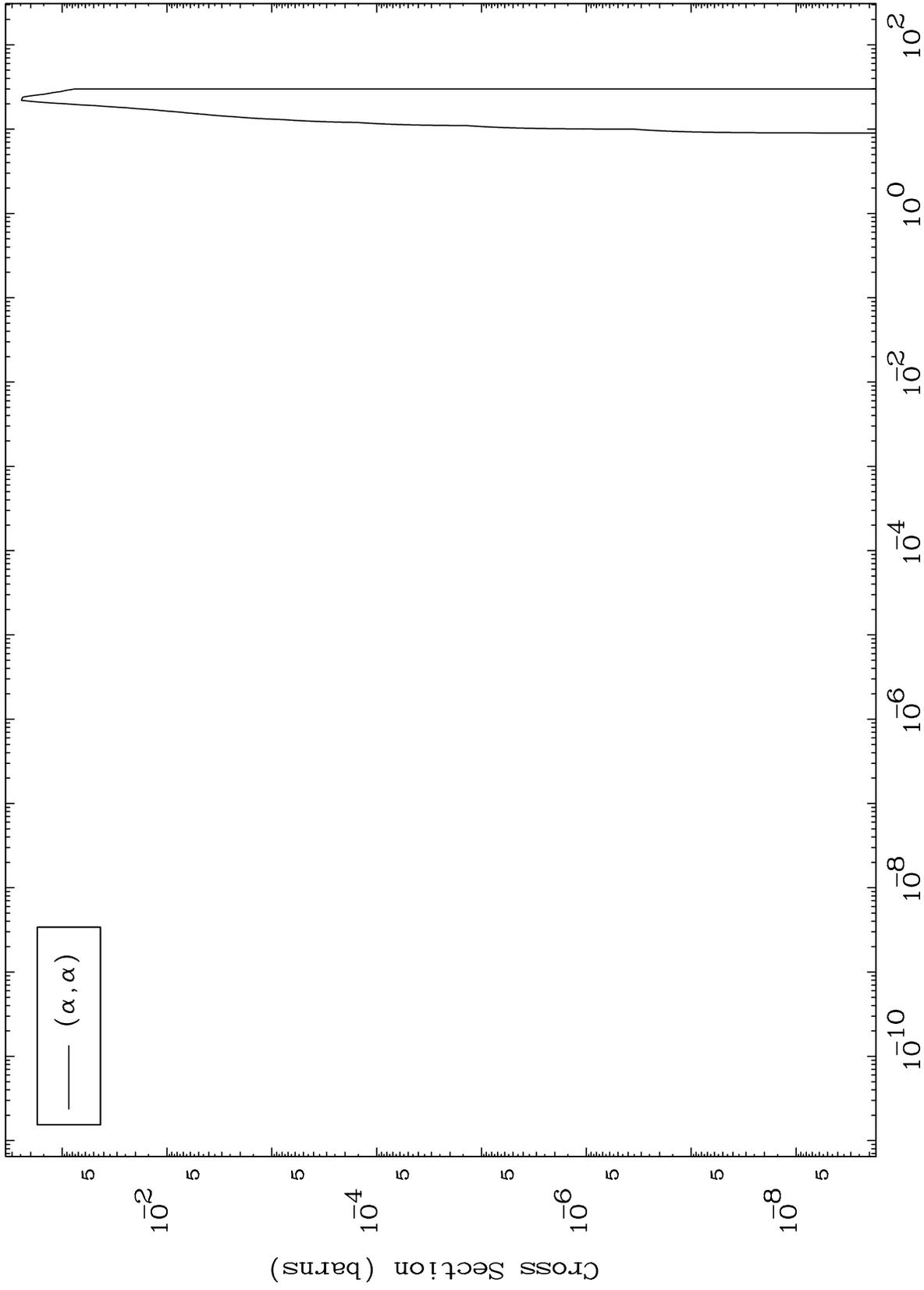
43-Tc-96



MAT 4317

(α, α) Levels
0 Kelvin Cross Sections

43-Tc-96



10

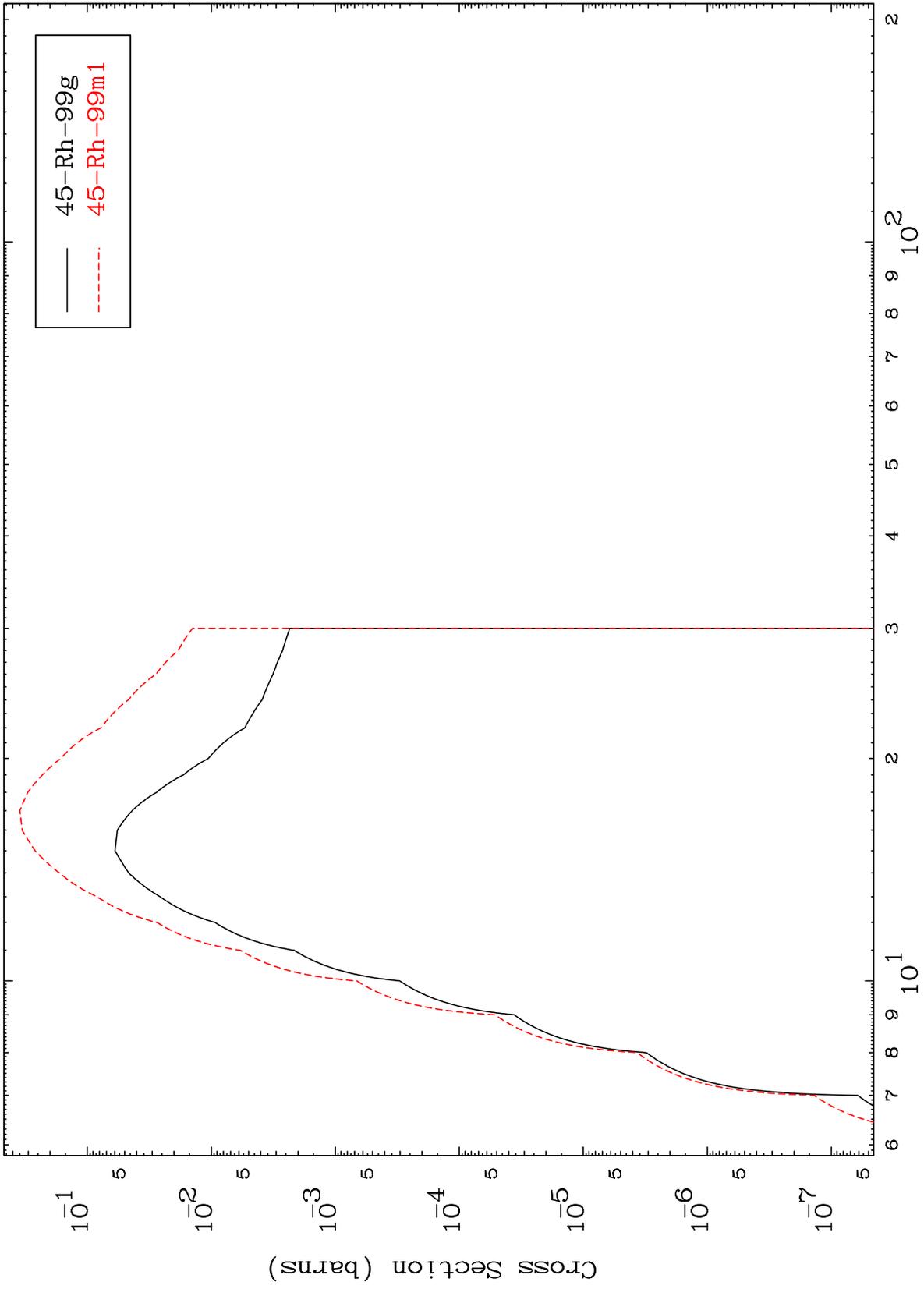
Incident Energy (MeV)

43-Tc-96

MAT 4317

43-Tc-96

α Inelastic
Radionuclide Production Cross Section



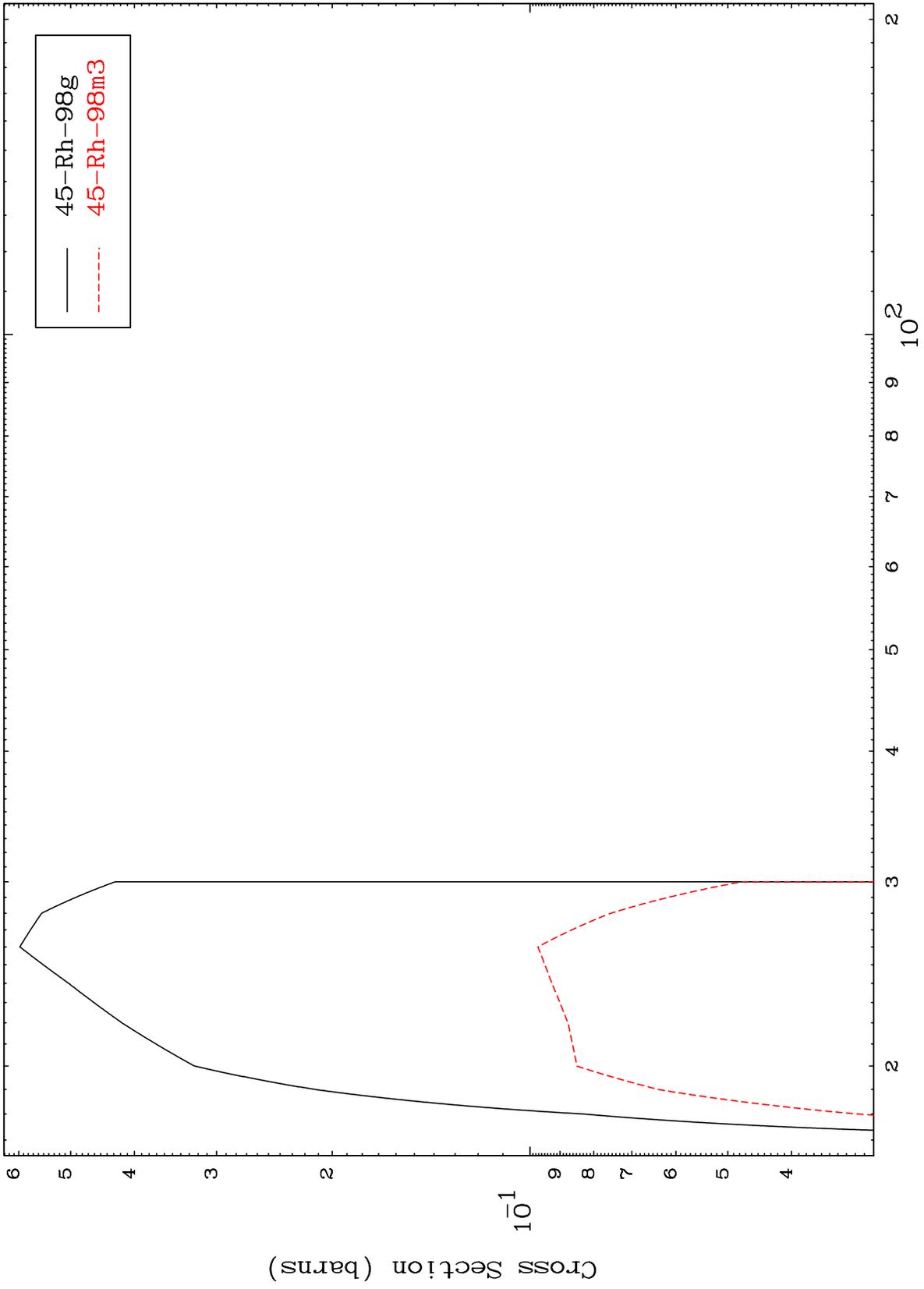
11

43-Tc-96

MAT 4317

43-Tc-96

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



12

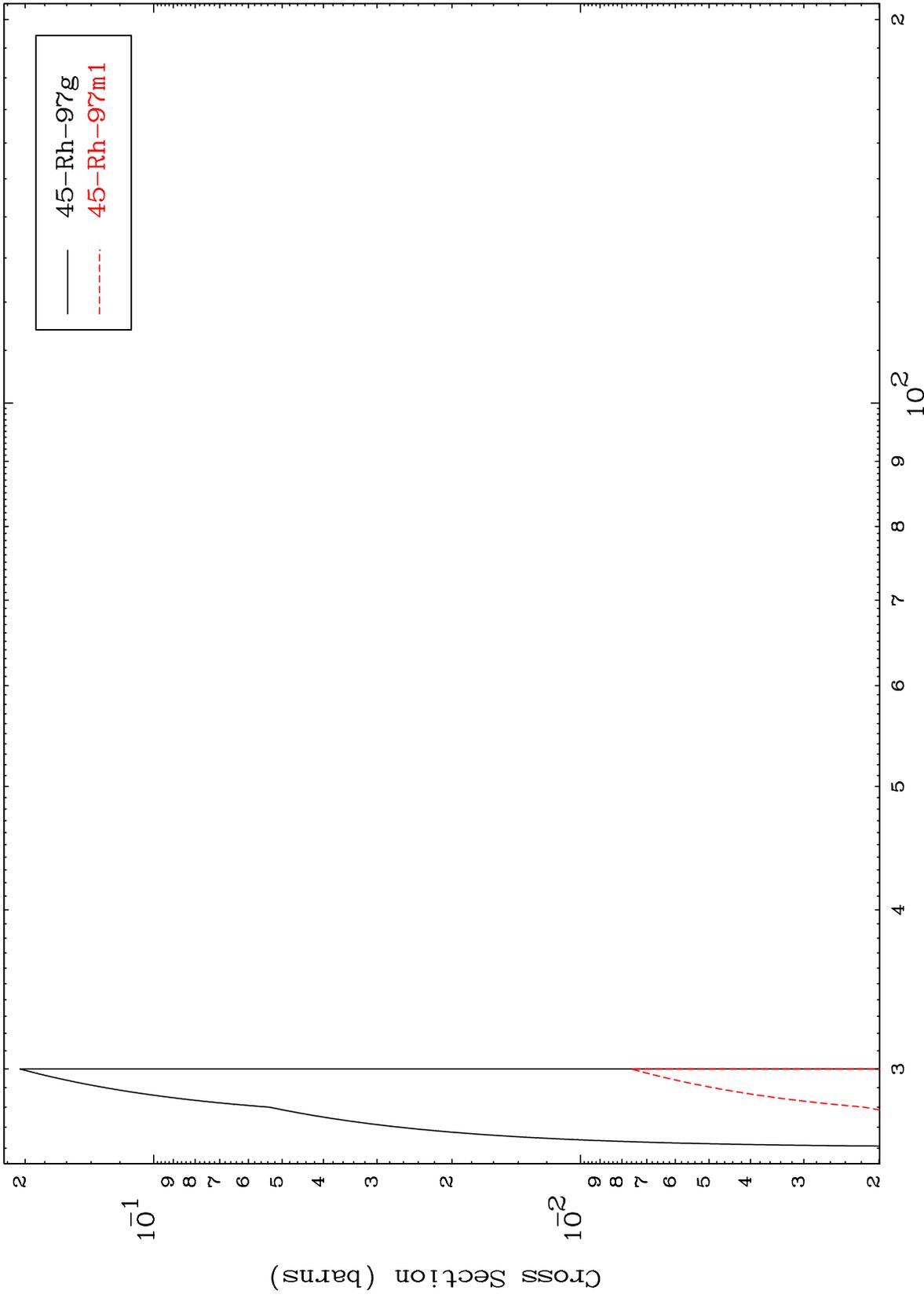
Incident Energy (MeV)

43-Tc-96

MAT 4317

43-Tc-96

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



13

43-Tc-96

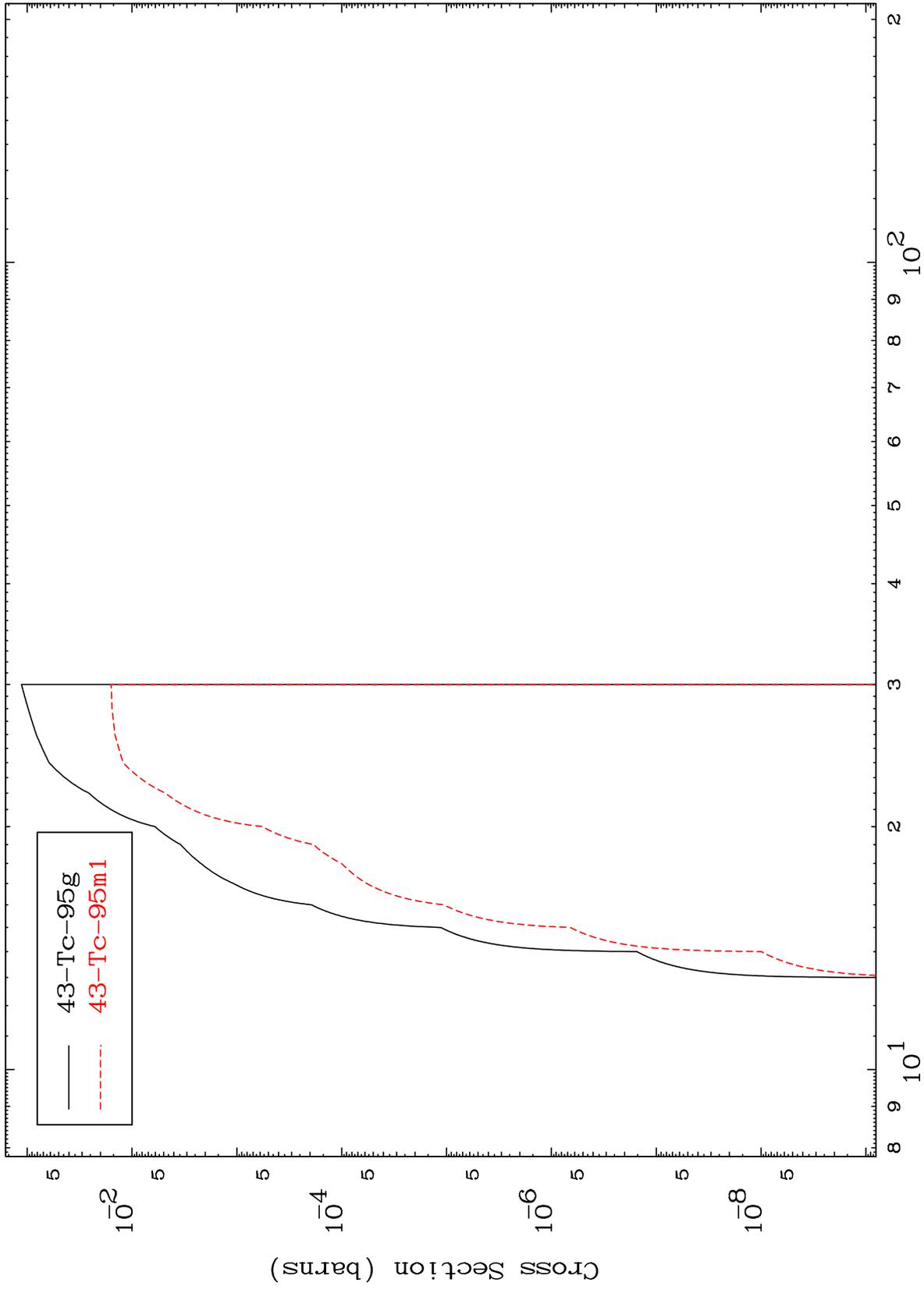
Incident Energy (MeV)

MAT 4317

(α, n') α

43-Tc-96

Radionuclide Production Cross Section



14

Incident Energy (MeV)

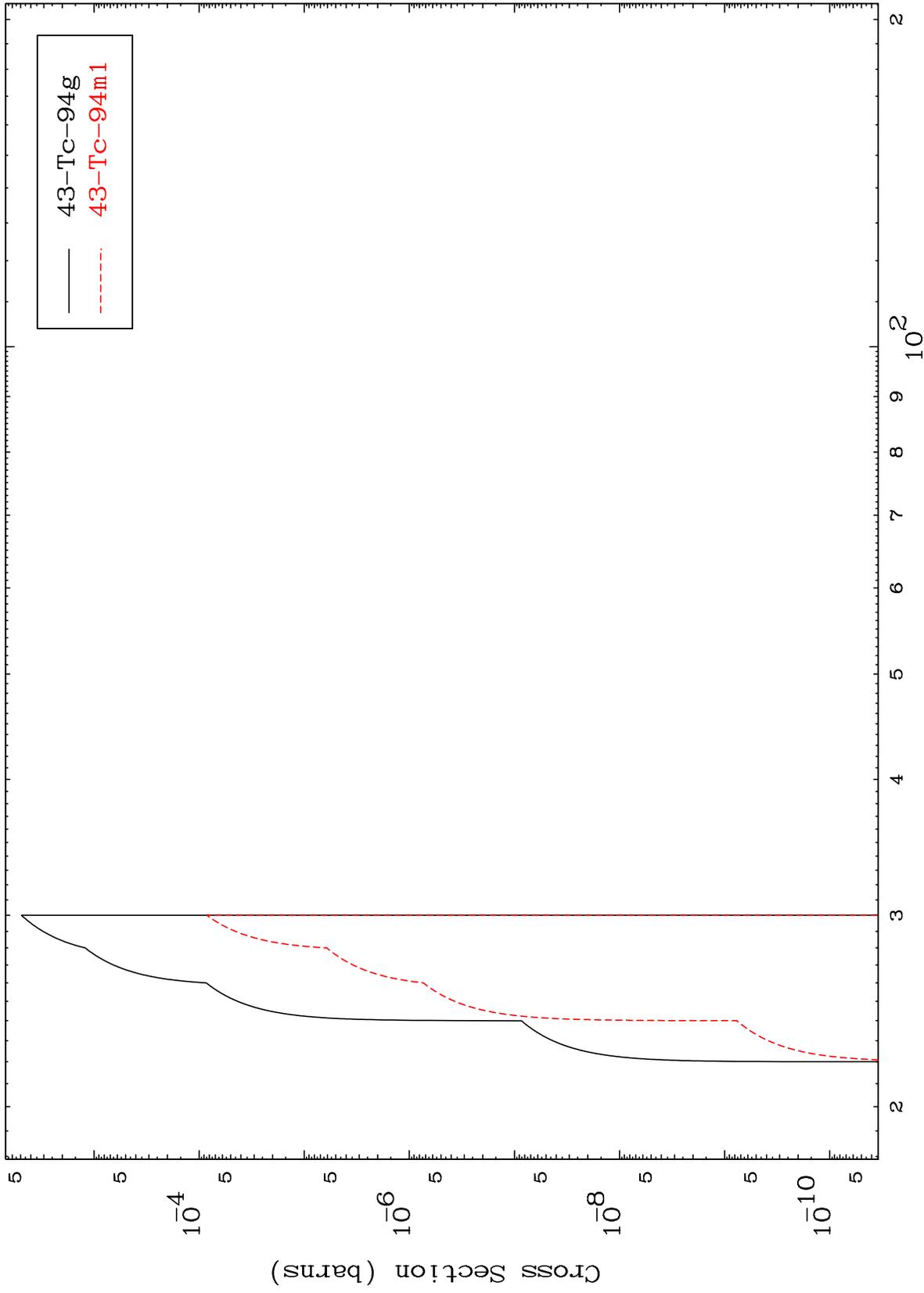
43-Tc-96

MAT 4317

($\alpha, 2n$) α

43-Tc-96

Radionuclide Production Cross Section



15

Incident Energy (MeV)

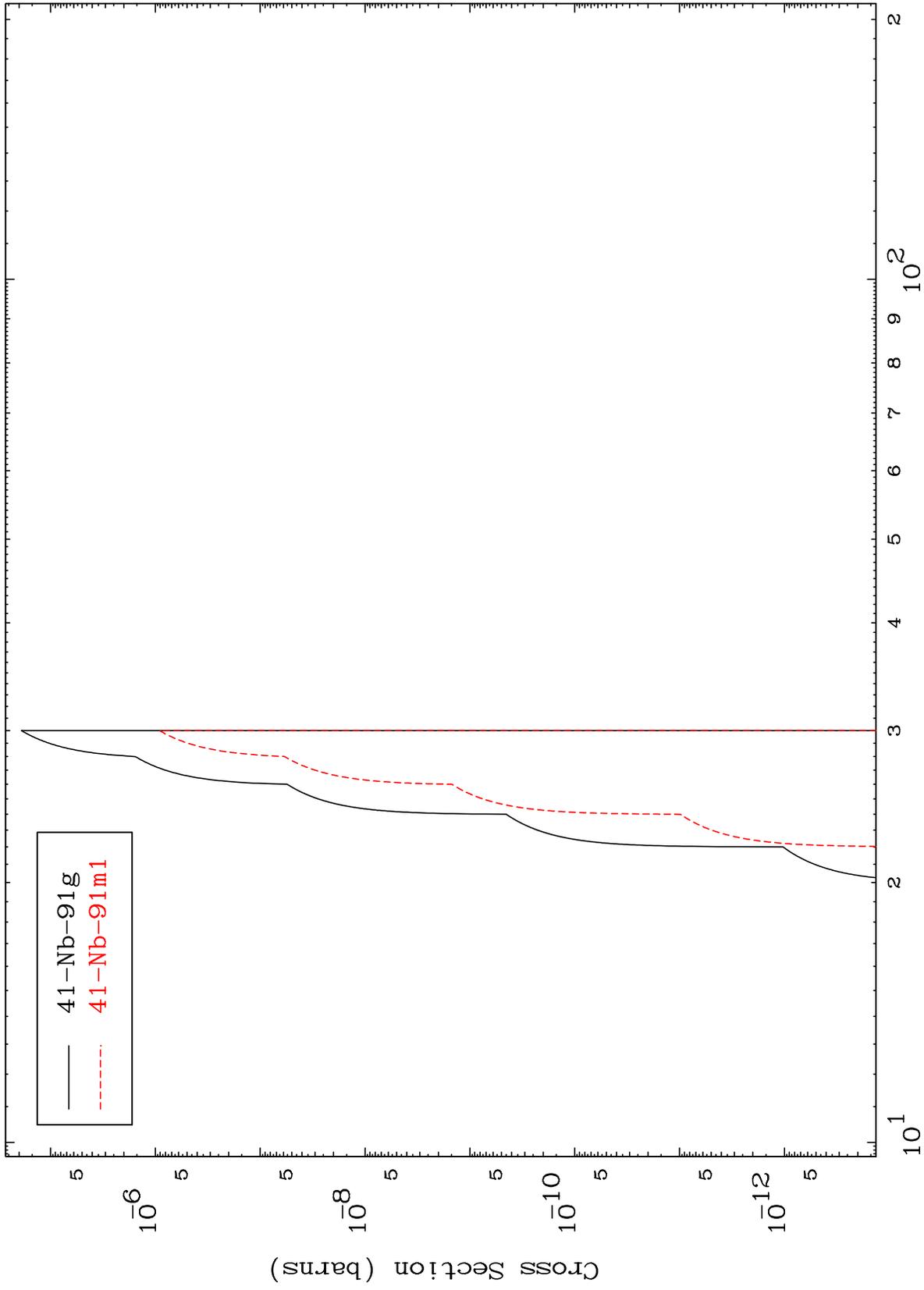
43-Tc-96

MAT 4317

(α, n') 2α

43-Tc-96

Radionuclide Production Cross Section



16

Incident Energy (MeV)

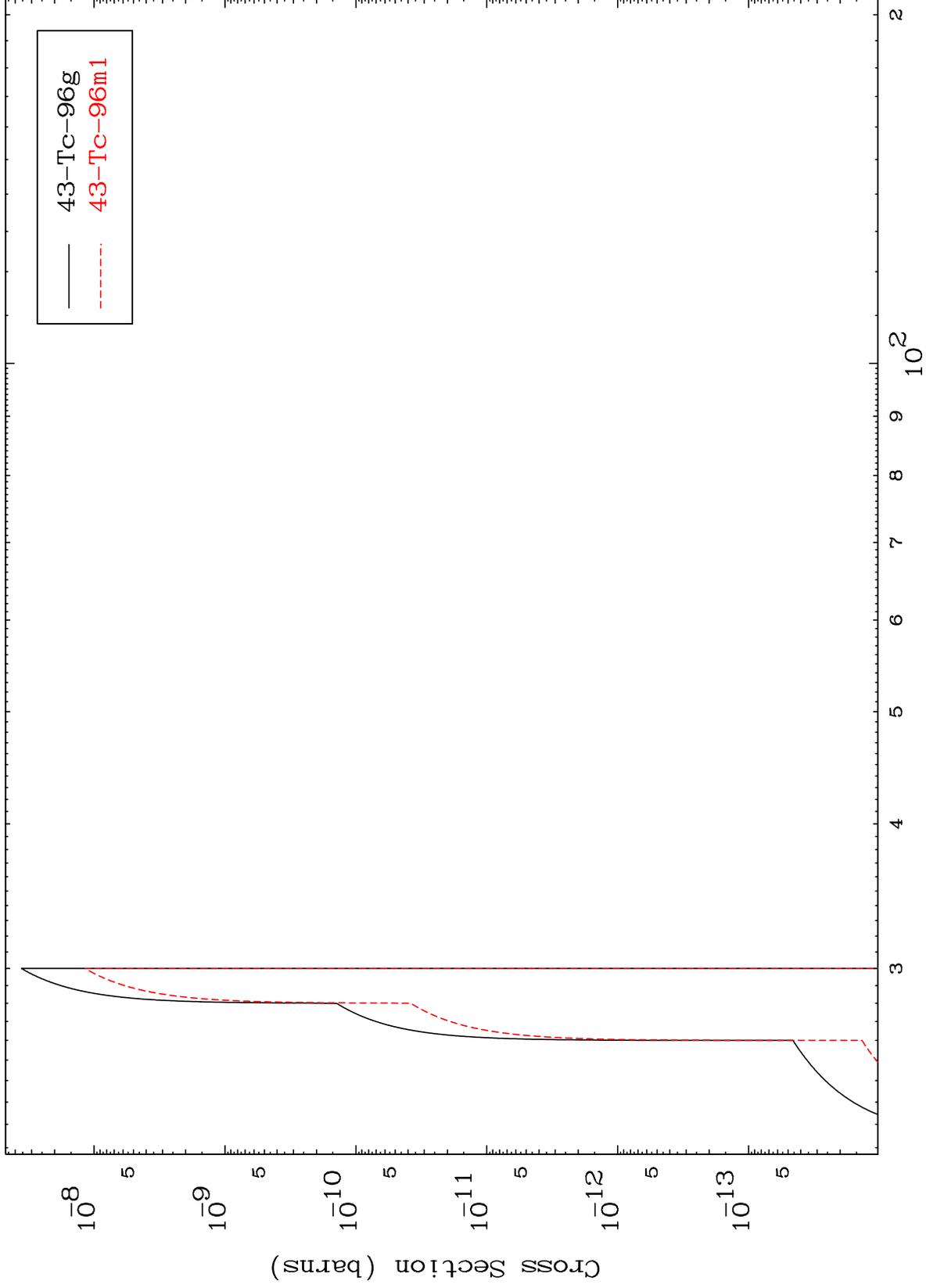
43-Tc-96

MAT 4317

(α, n') He-3

43-Tc-96

Radionuclide Production Cross Section



17

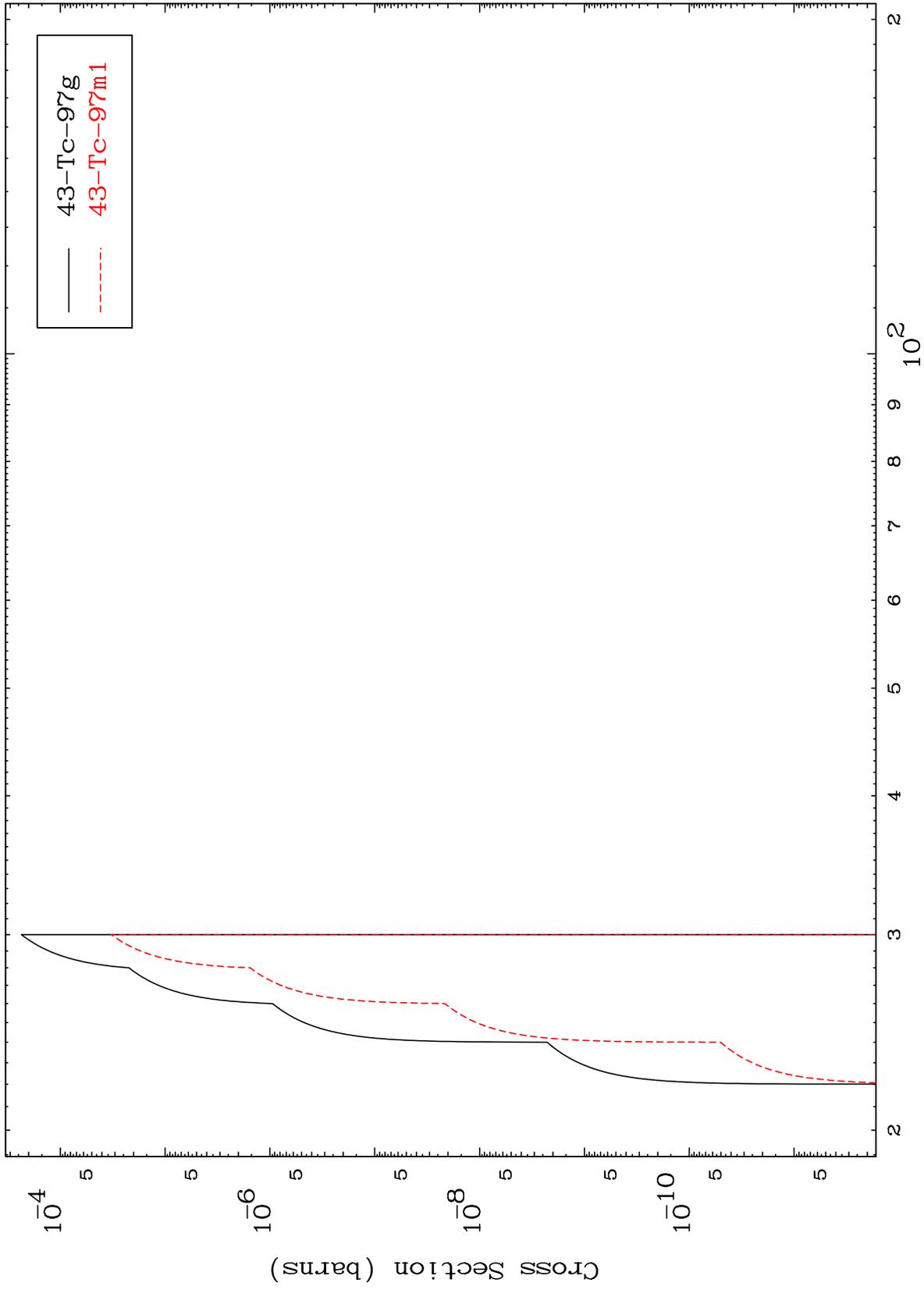
Incident Energy (MeV)

43-Tc-96

MAT 4317

43-Tc-96

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



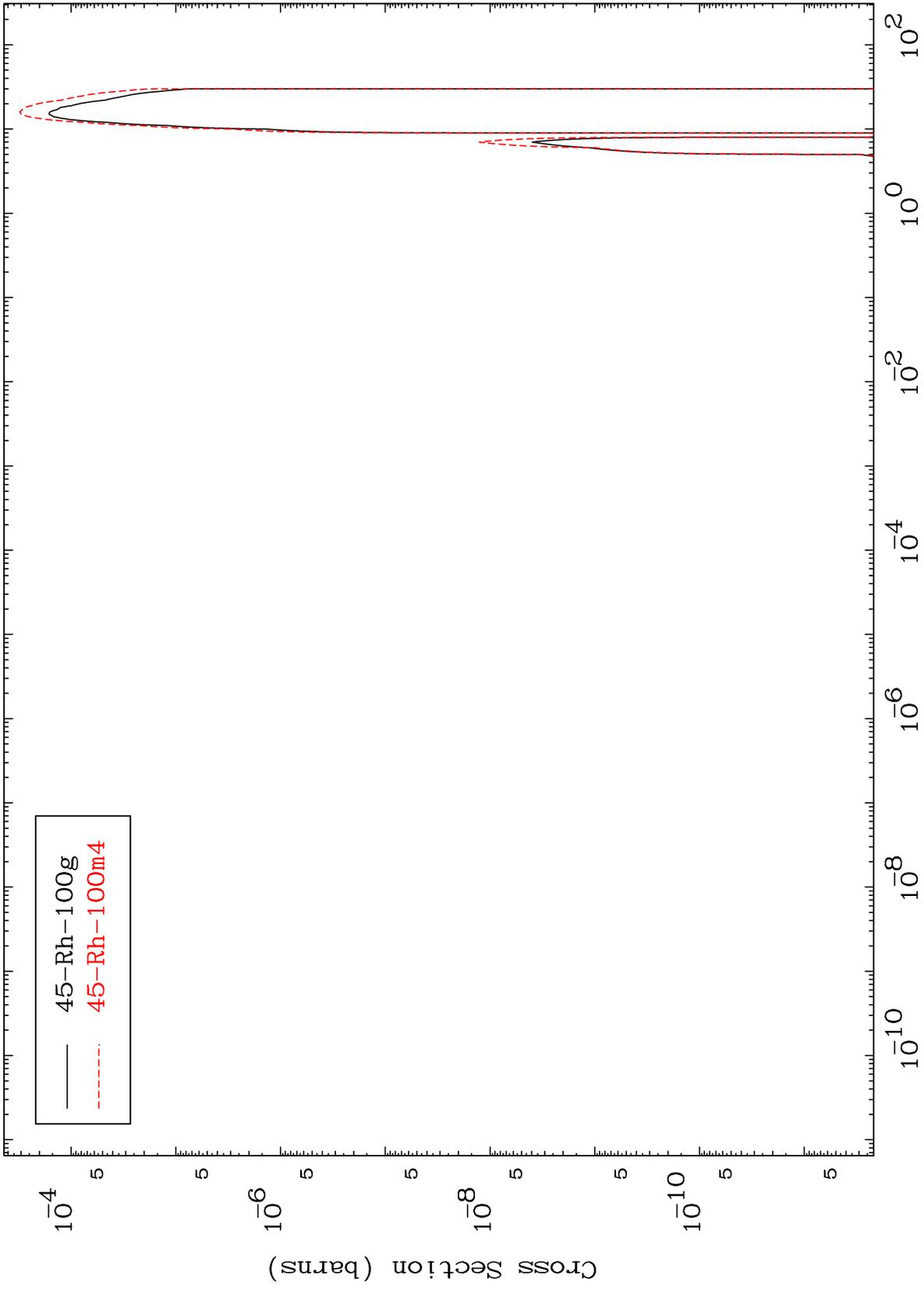
18

43-Tc-96

MAT 4317

Radionuclide Production Cross Section
(α, γ)

43-Tc-96



19

Incident Energy (MeV)

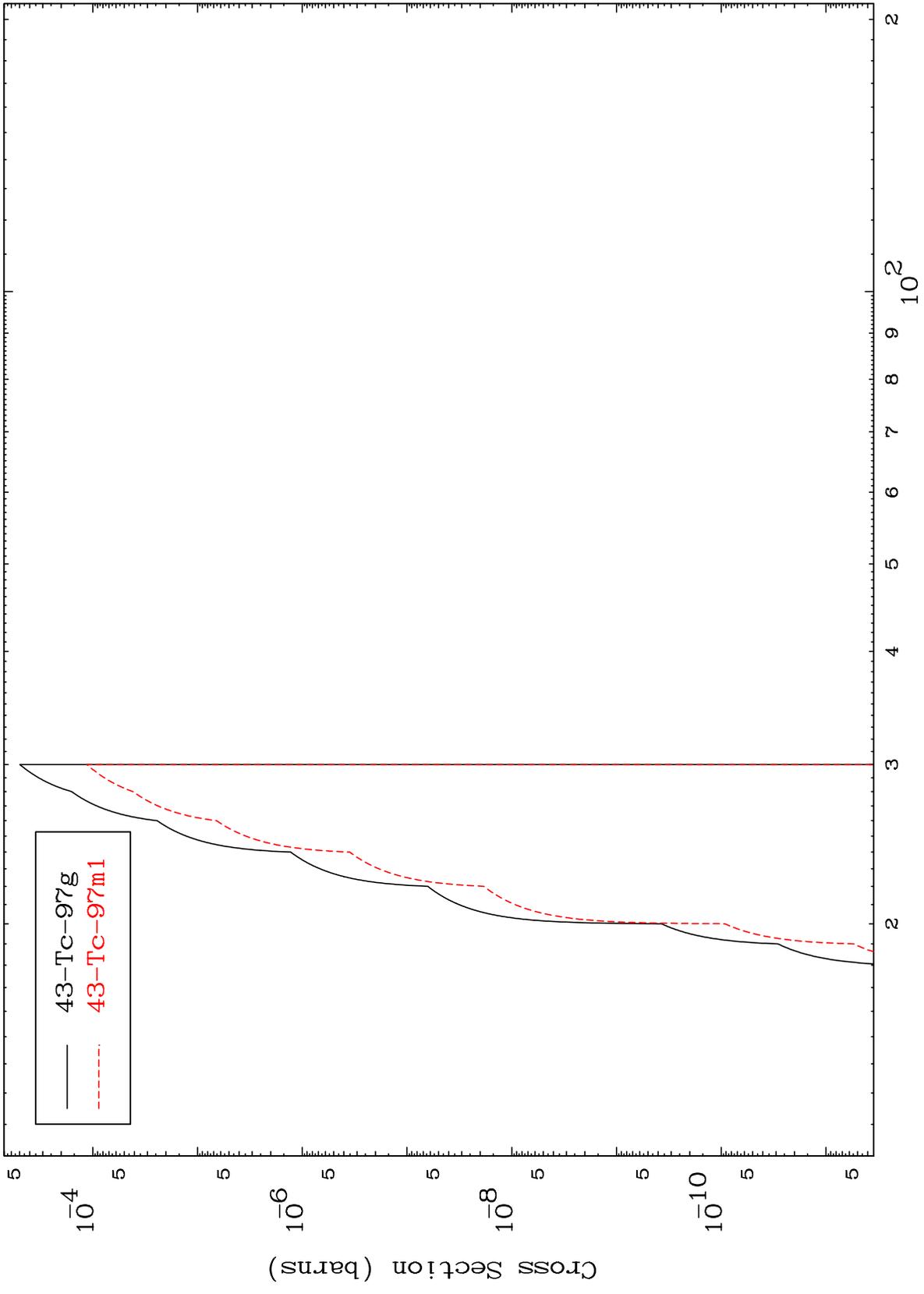
43-Tc-96

MAT 4317

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

43-Tc-96

Radionuclide Production Cross Section



20

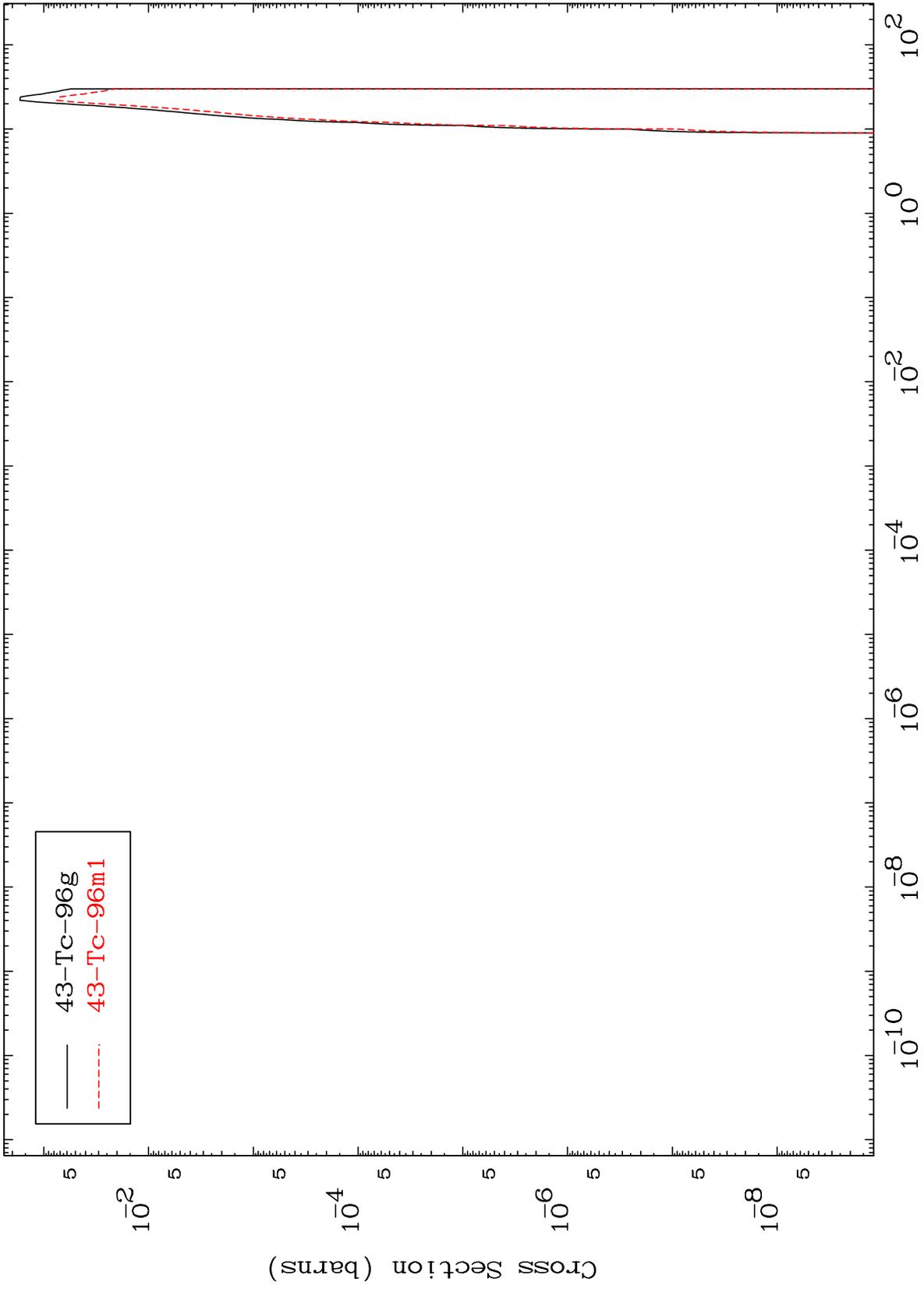
Incident Energy (MeV)

43-Tc-96

MAT 4317

(α, α)
Radionuclide Production Cross Section

$^{43}\text{Tc-96}$



21

Incident Energy (MeV)

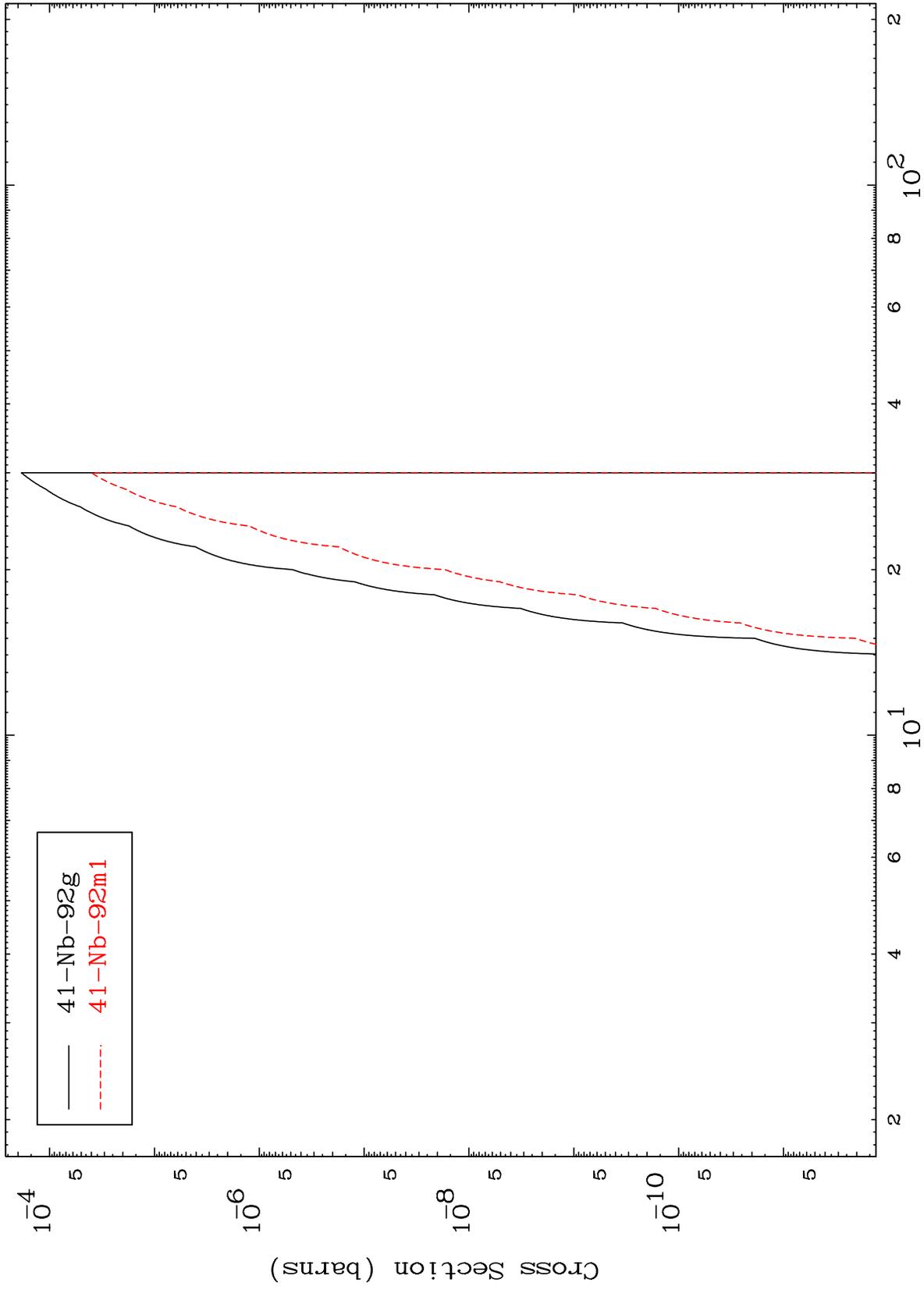
$^{43}\text{Tc-96}$

MAT 4317

($\alpha, 2\alpha$)

43-Tc-96

Radionuclide Production Cross Section



22

Incident Energy (MeV)

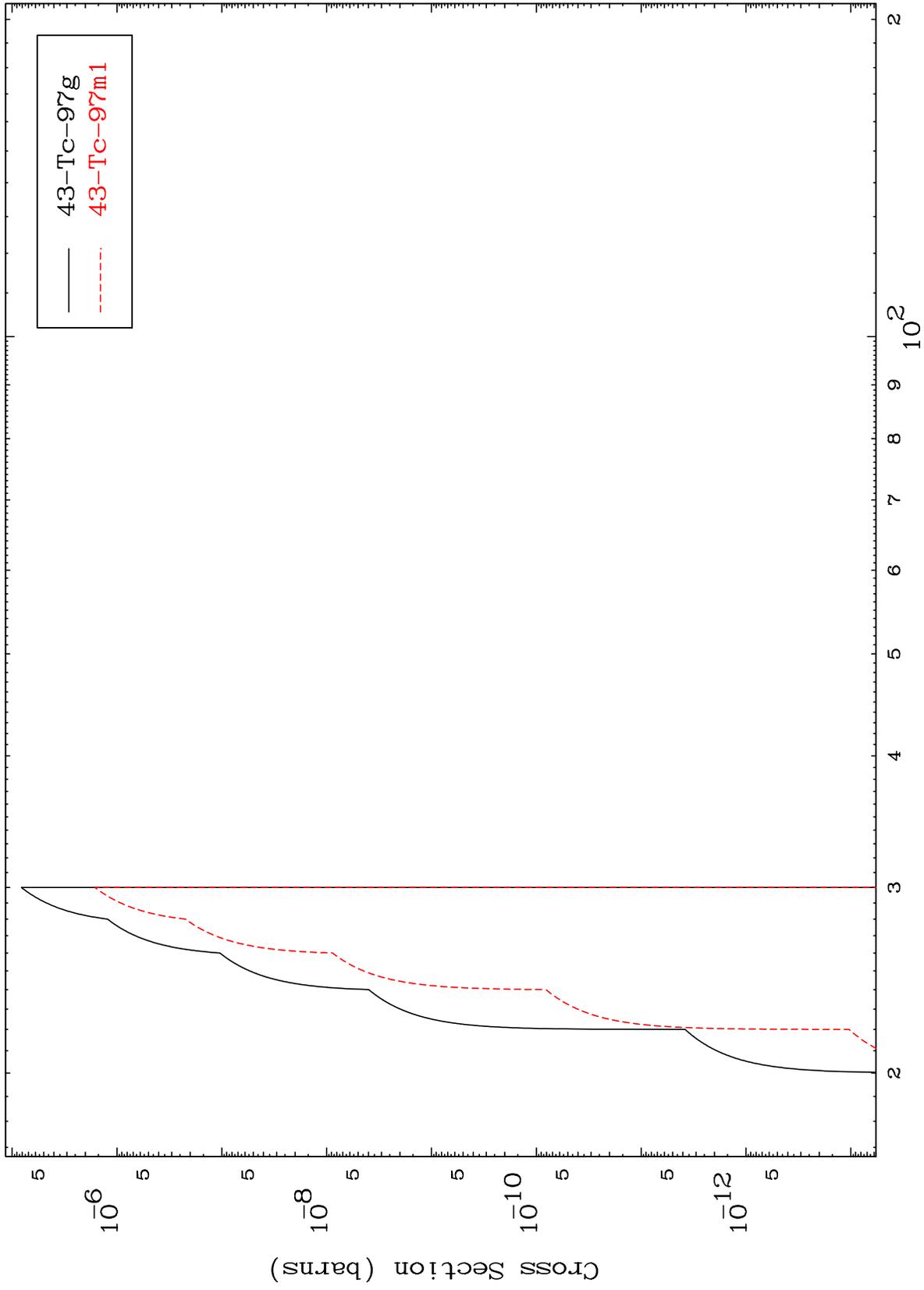
43-Tc-96

MAT 4317

(α, p) d

43-Tc-96

Radionuclide Production Cross Section



23

Incident Energy (MeV)

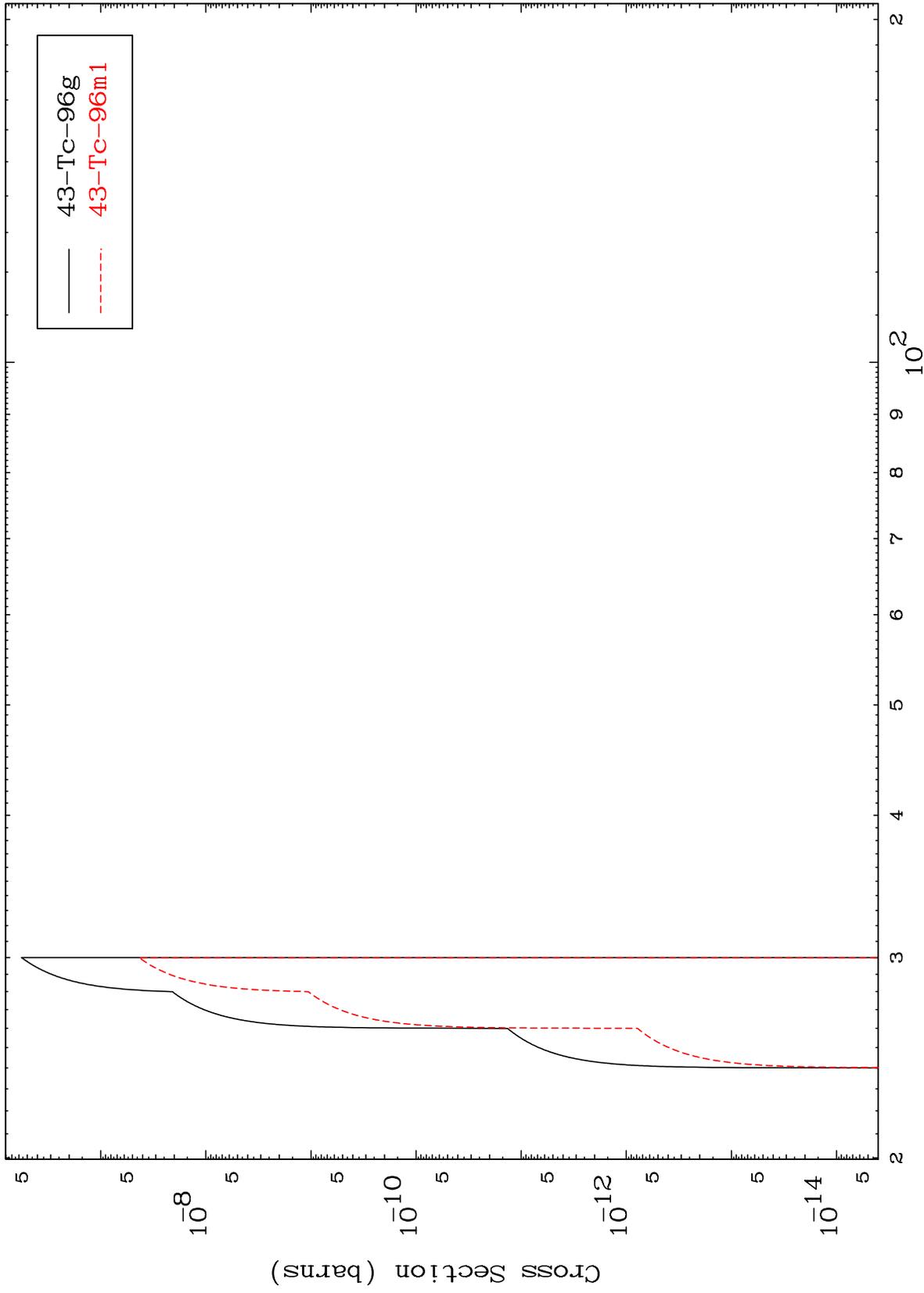
43-Tc-96

MAT 4317

(α, p) t

43-Tc-96

Radionuclide Production Cross Section



24

Incident Energy (MeV)

43-Tc-96