

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

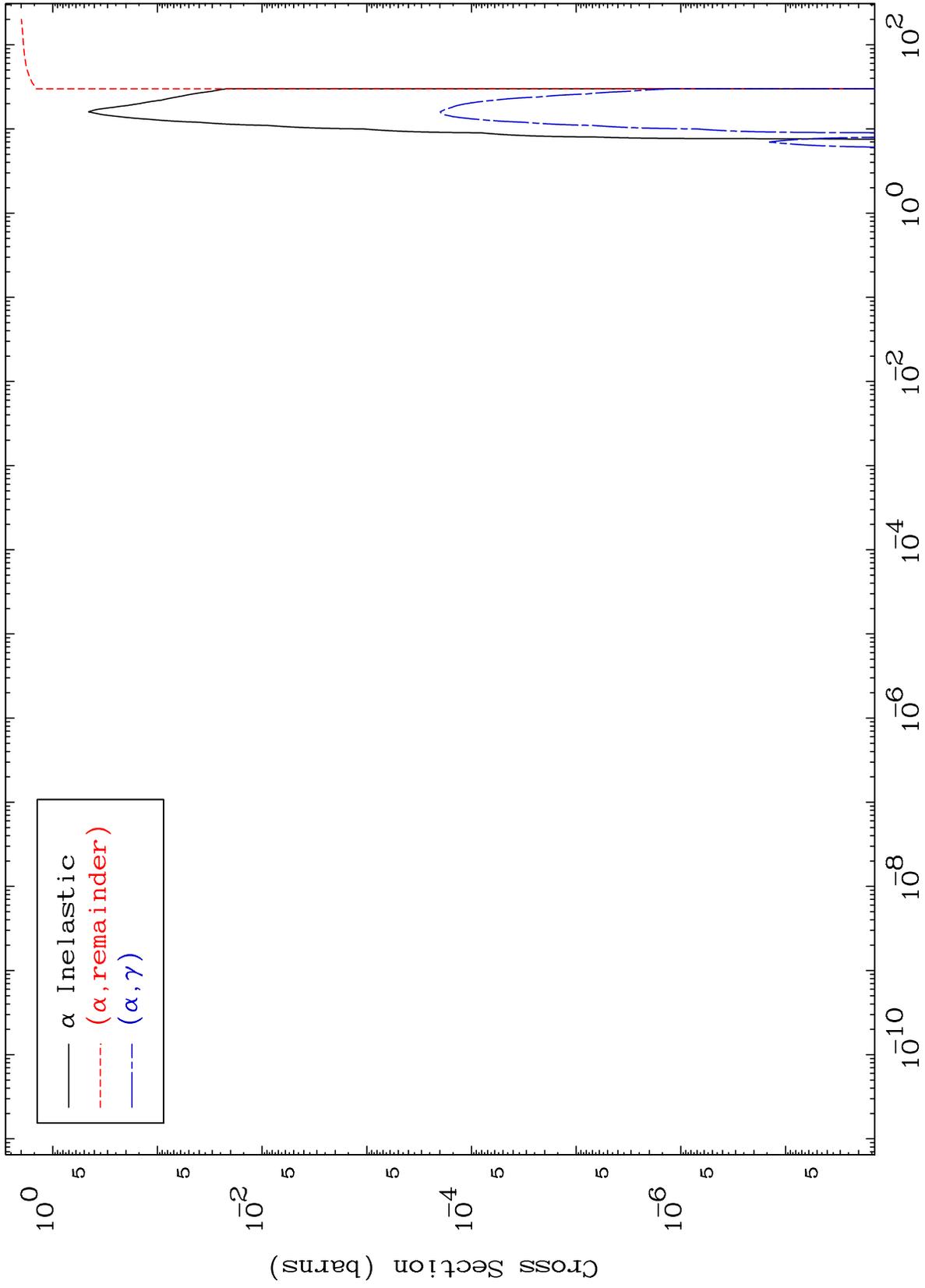
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4320

0 Kelvin α Major
Cross Sections

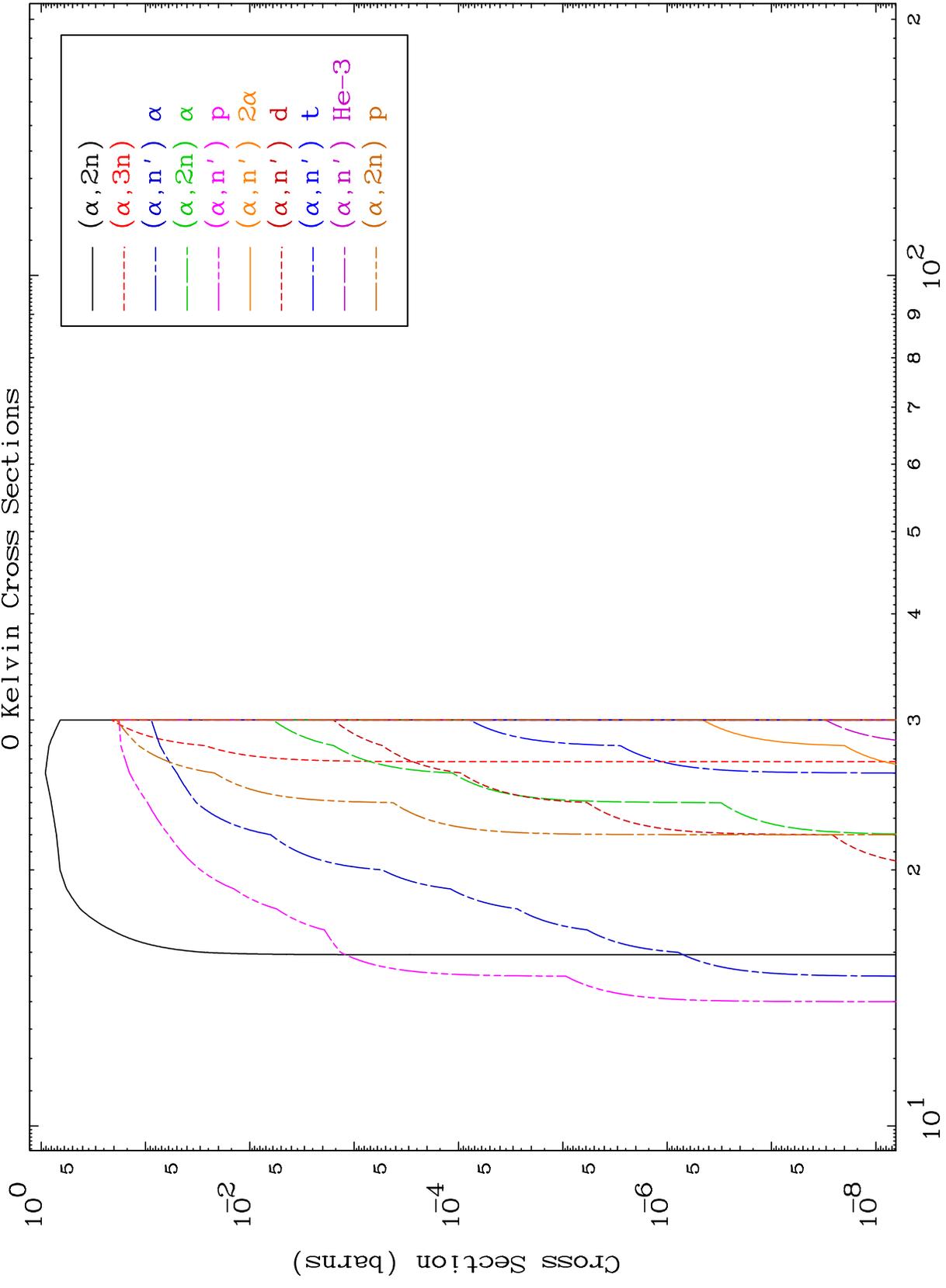
43-Tc-97



MAT 4320

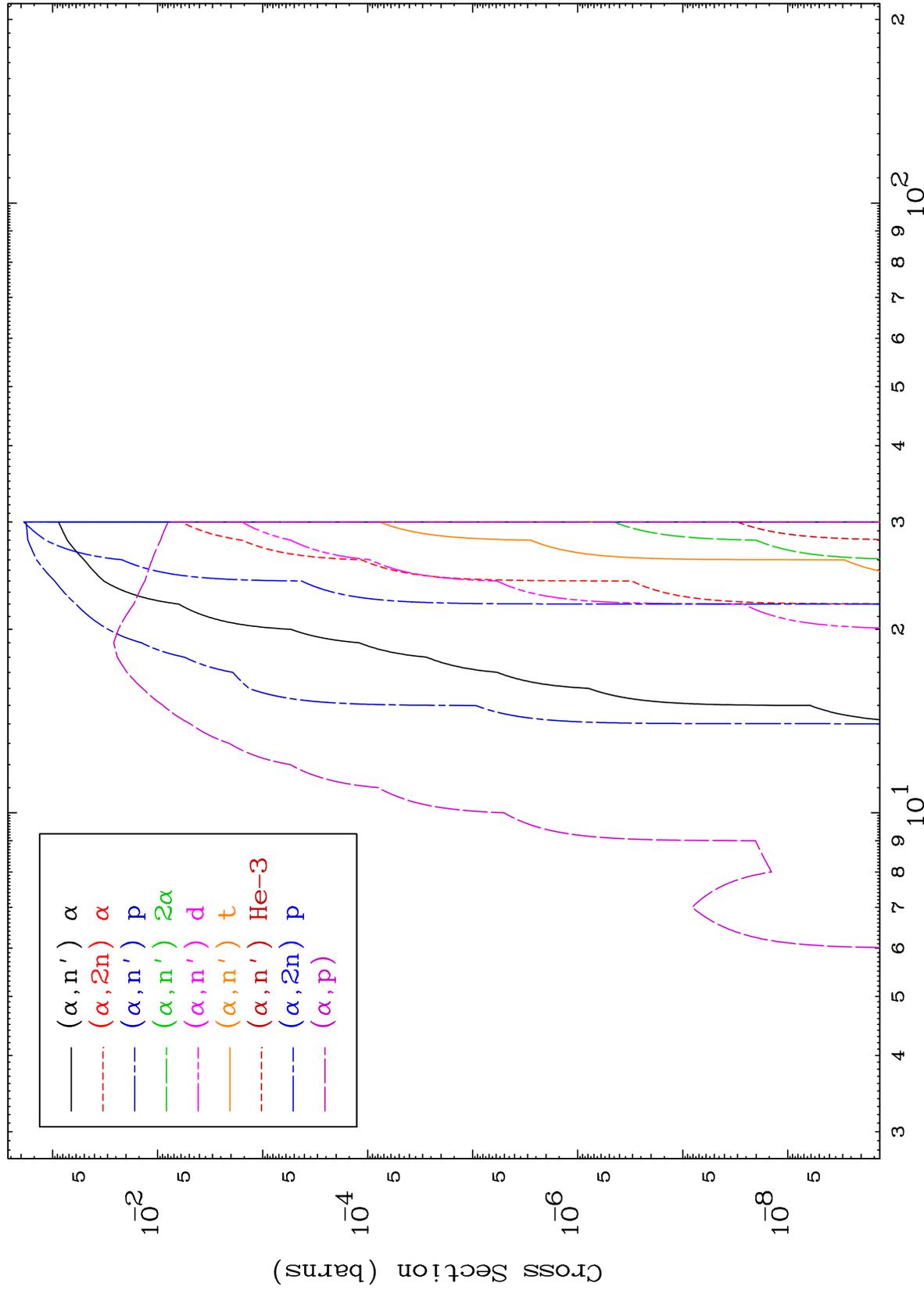
α Neutron Production
0 Kelvin Cross Sections

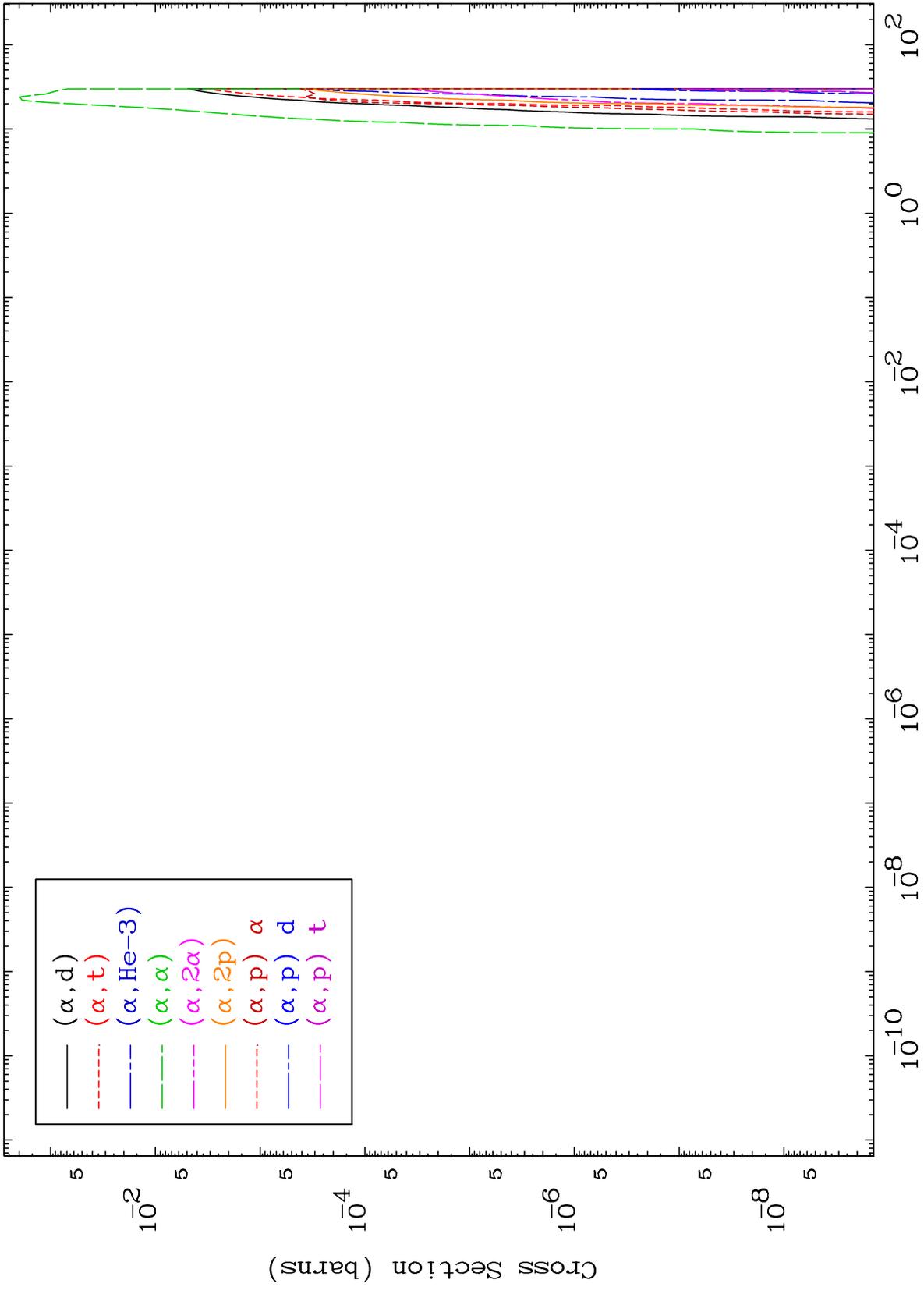
43-Tc-97



Incident Energy (MeV)

43-Tc-97

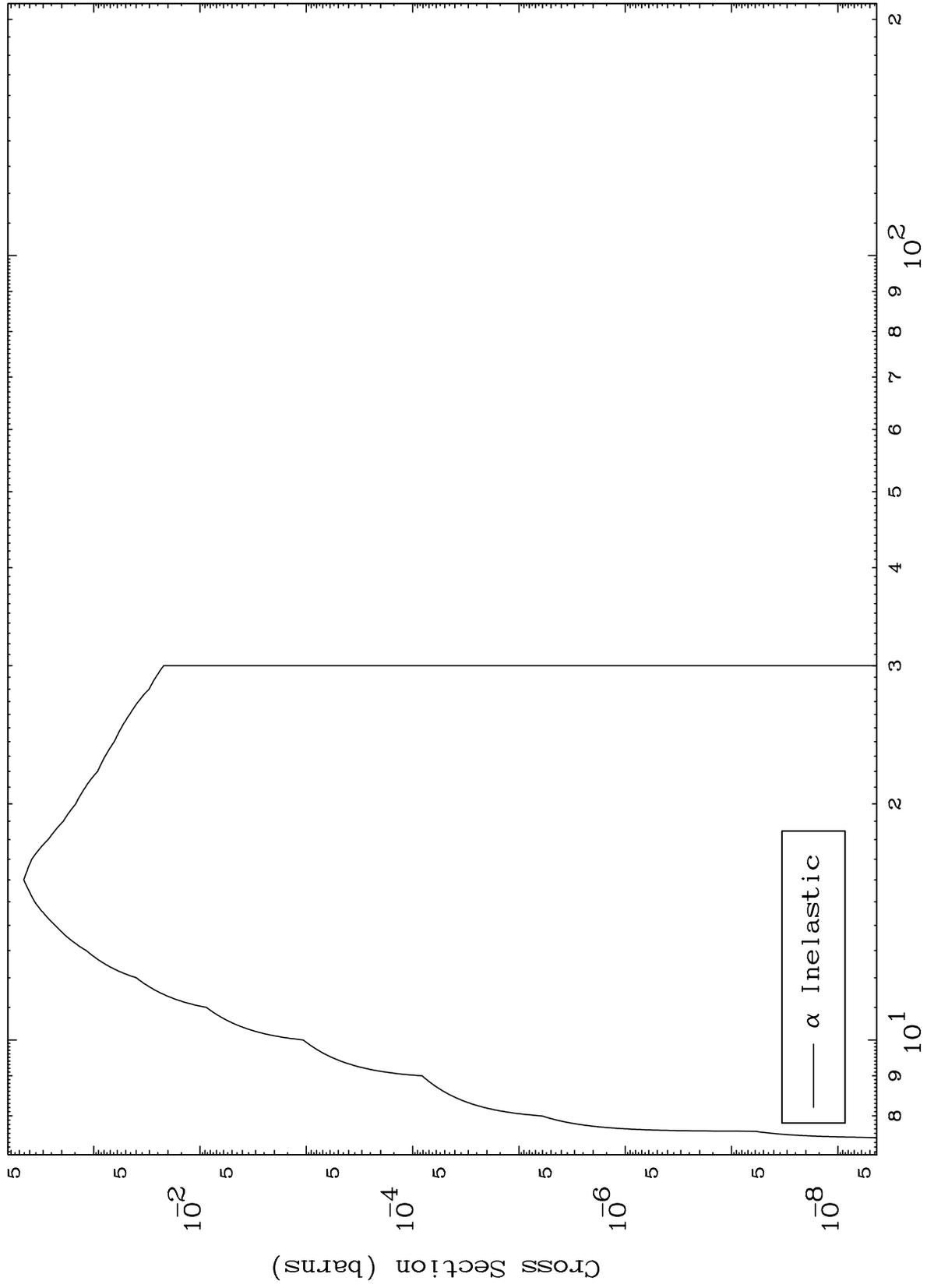




MAT 4320

(α, n') Level
0 Kelvin Cross Sections

43-Tc-97



5

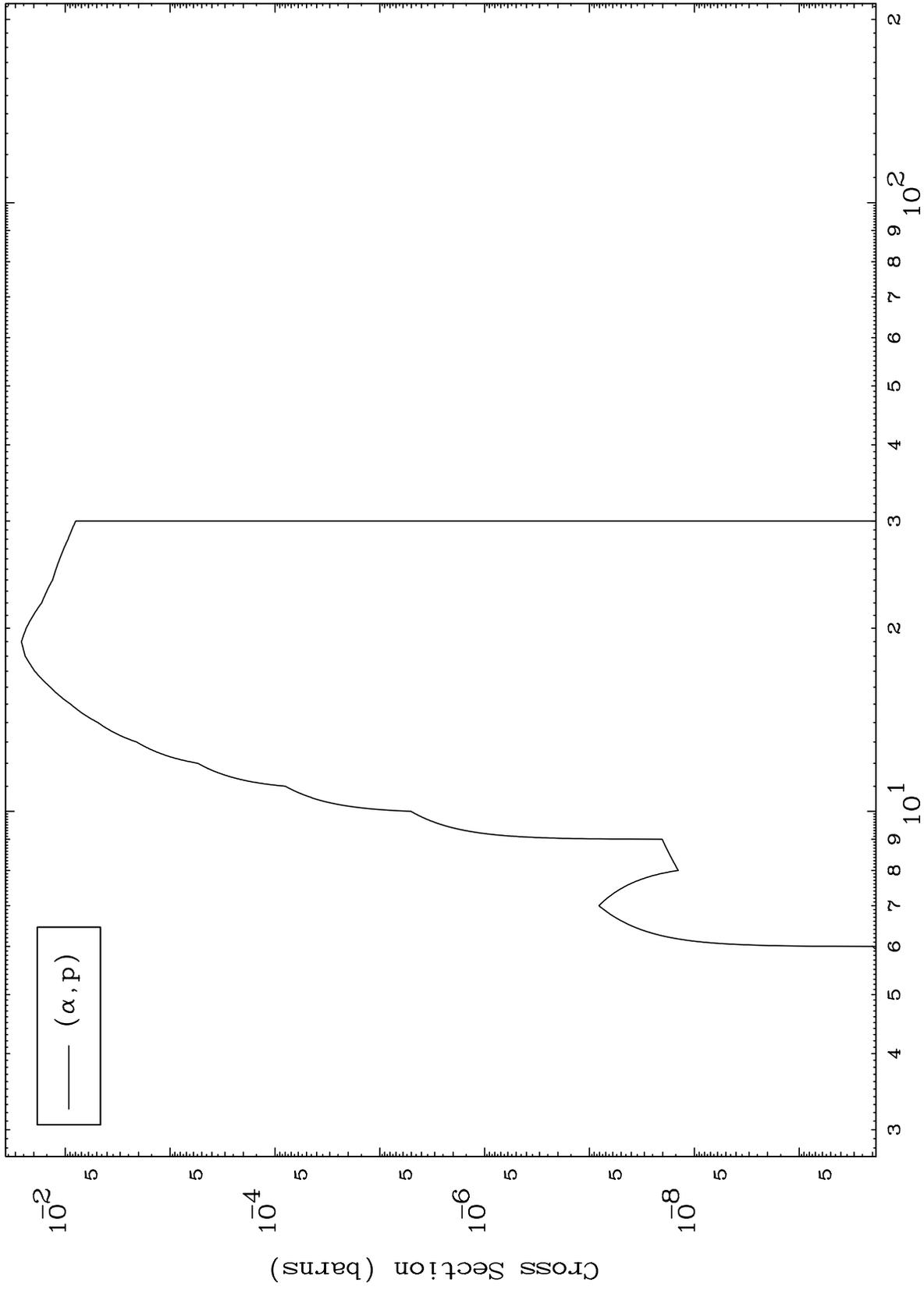
Incident Energy (MeV)

43-Tc-97

MAT 4320

(α, p) Levels
0 Kelvin Cross Sections

43-Tc-97



6

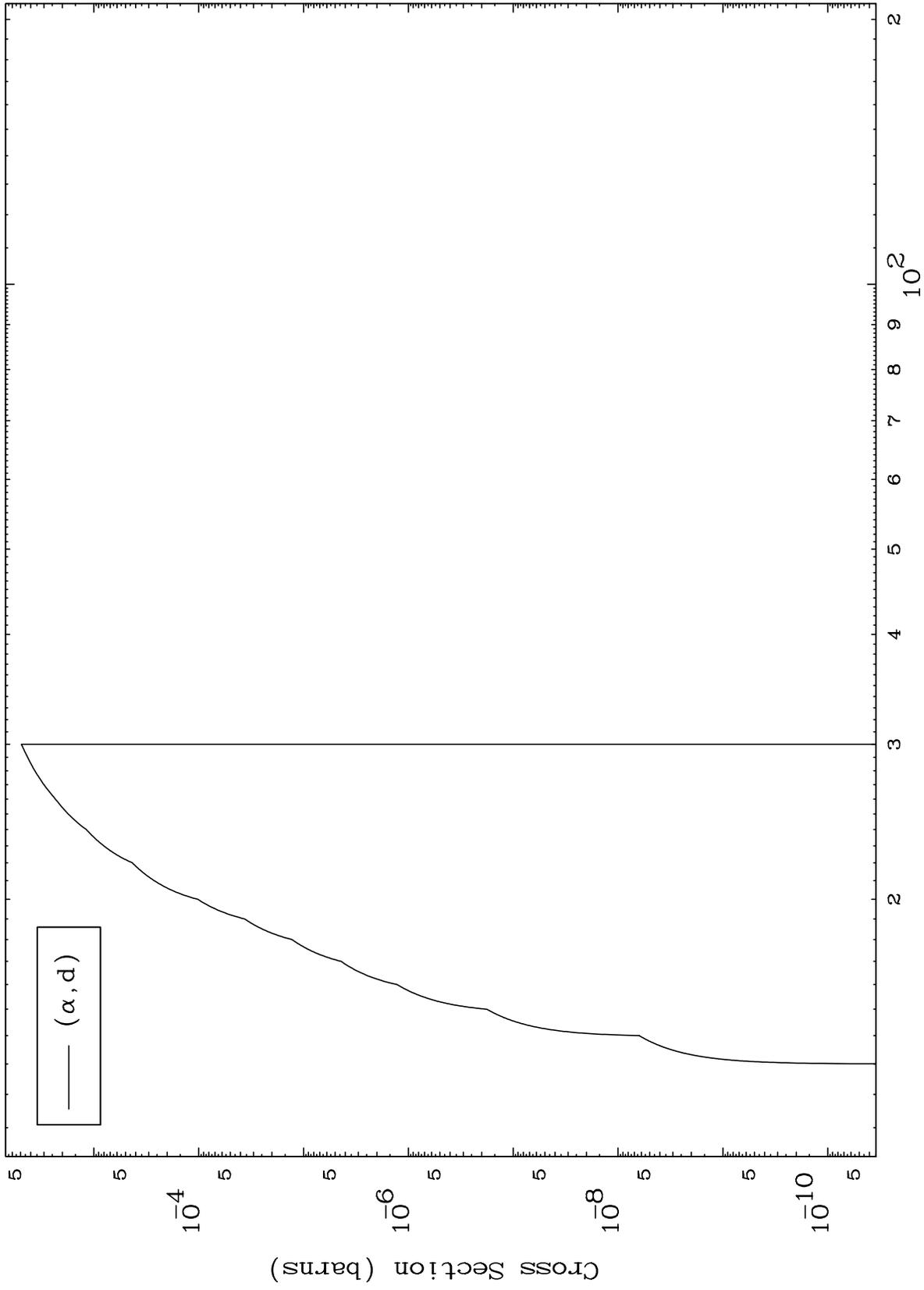
Incident Energy (MeV)

43-Tc-97

MAT 4320

(α, d) Levels
0 Kelvin Cross Sections

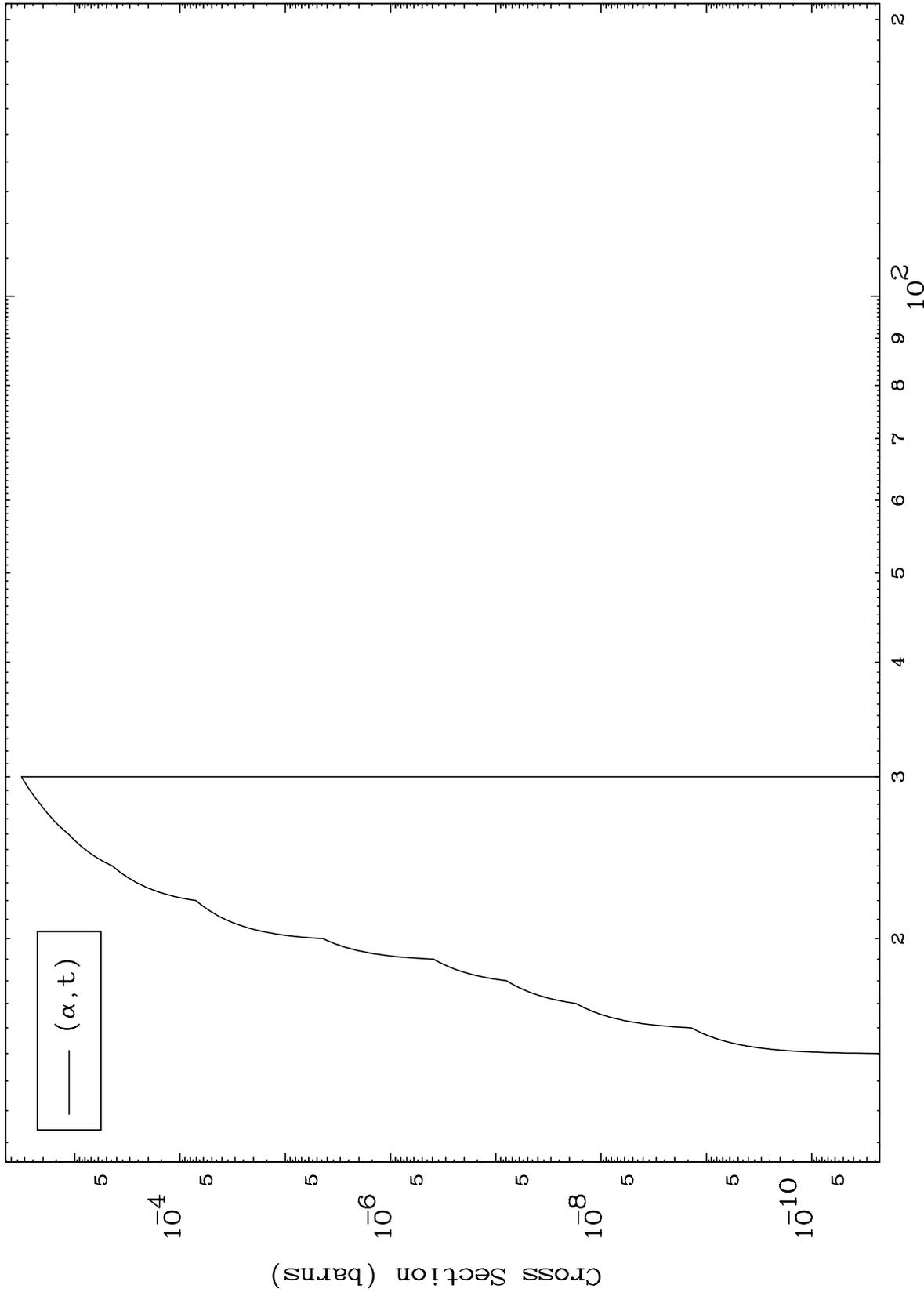
43-Tc-97

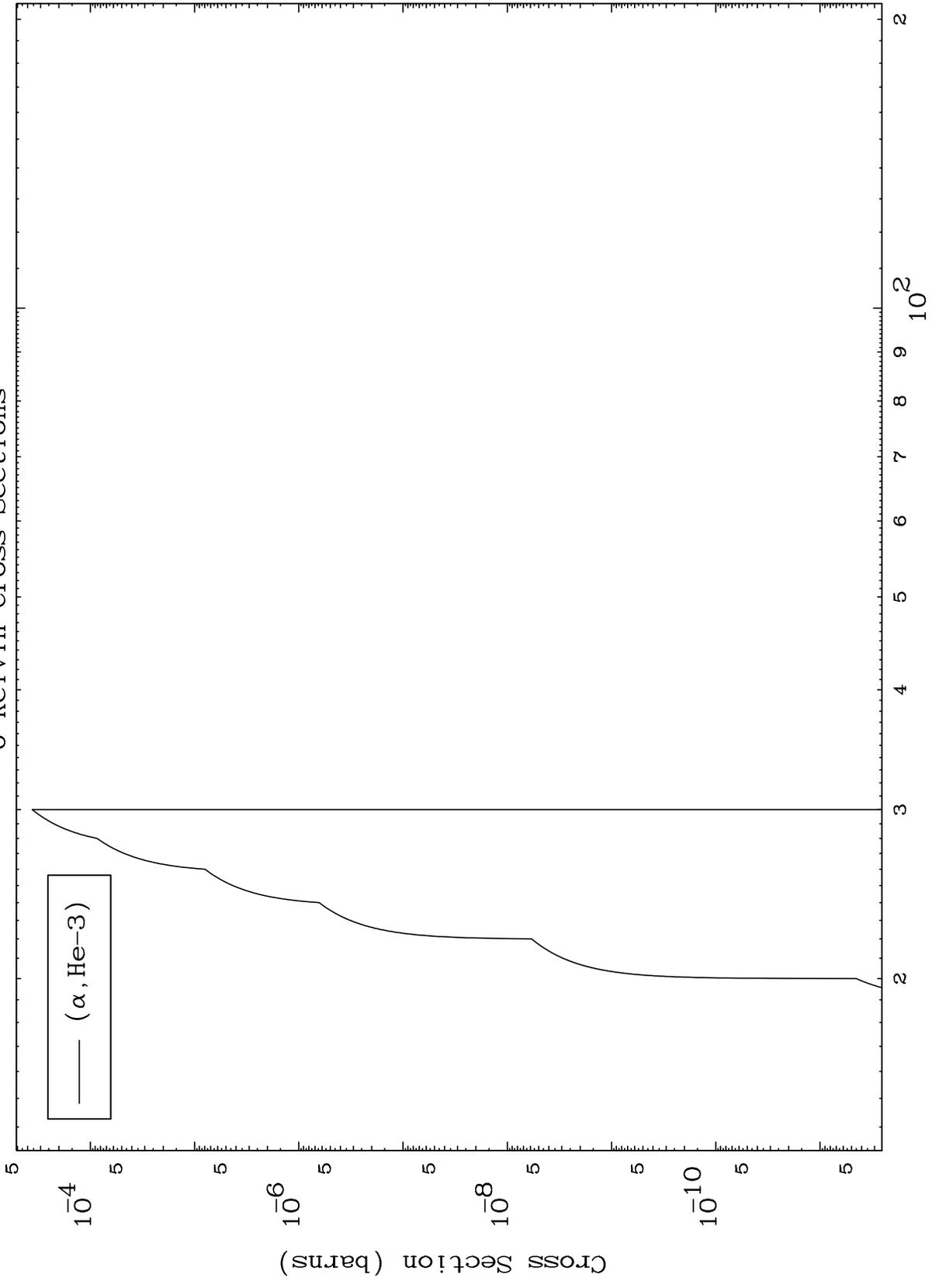


7

Incident Energy (MeV)

43-Tc-97

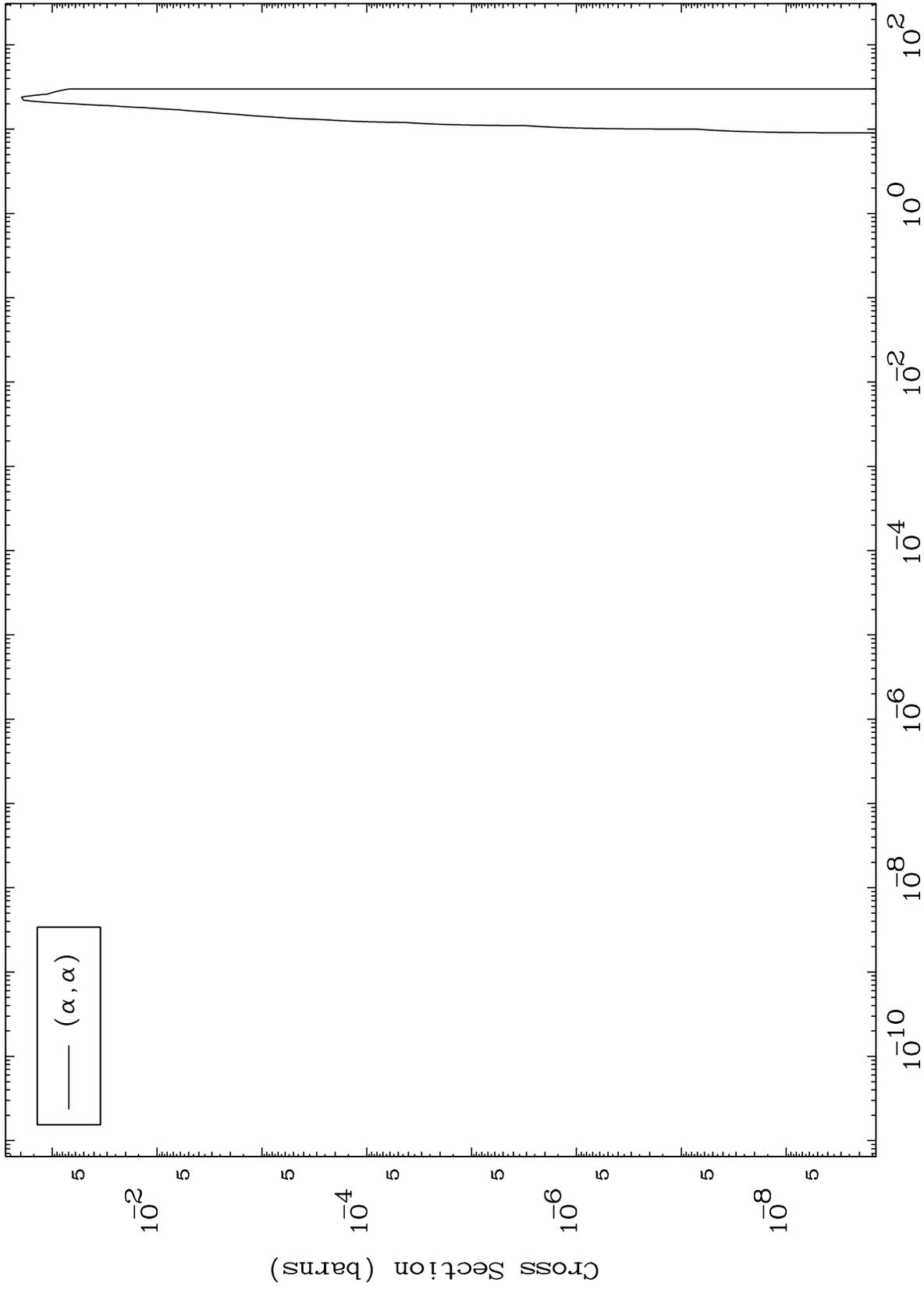




MAT 4320

(α, α) Levels
0 Kelvin Cross Sections

43-Tc-97

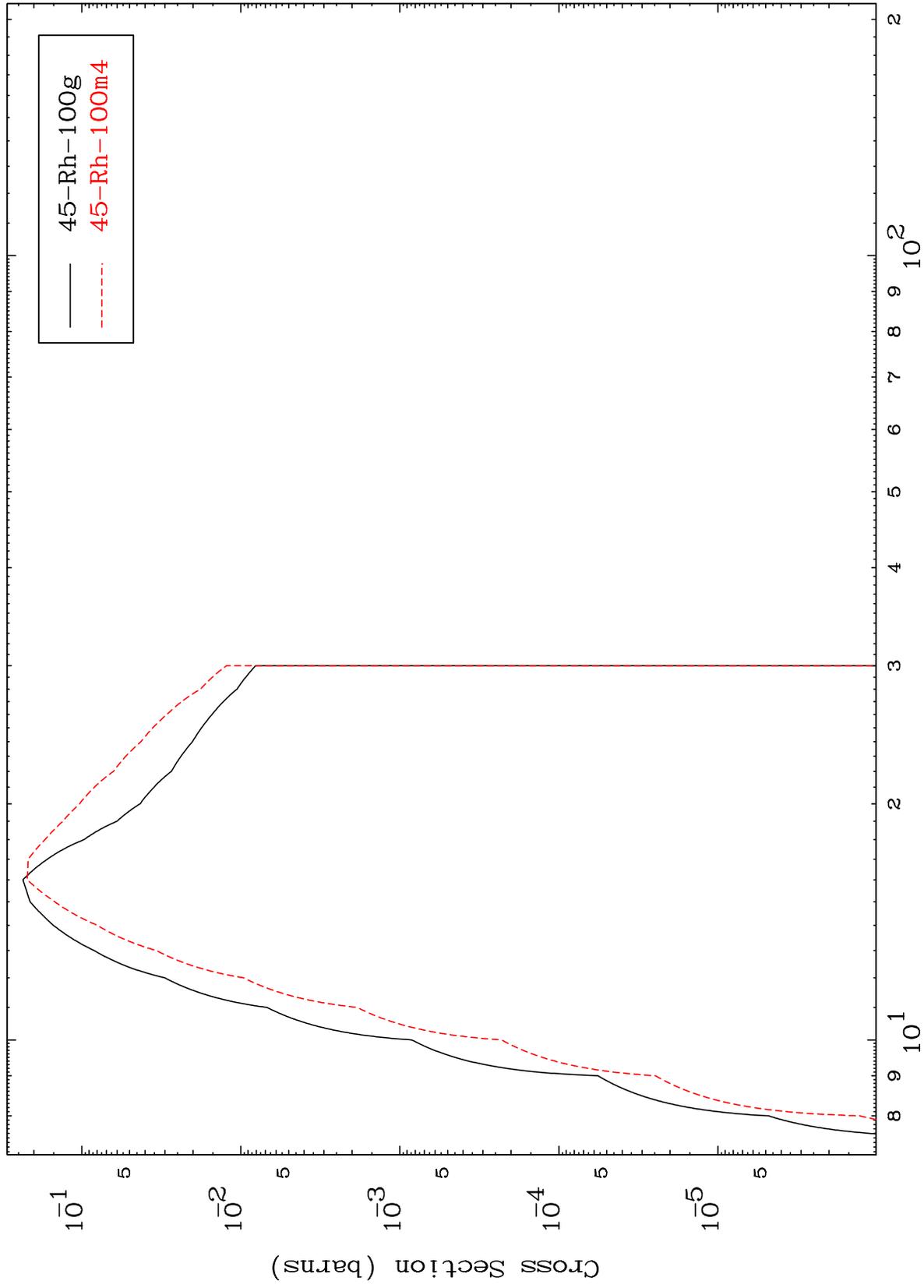


10

Incident Energy (MeV)

43-Tc-97

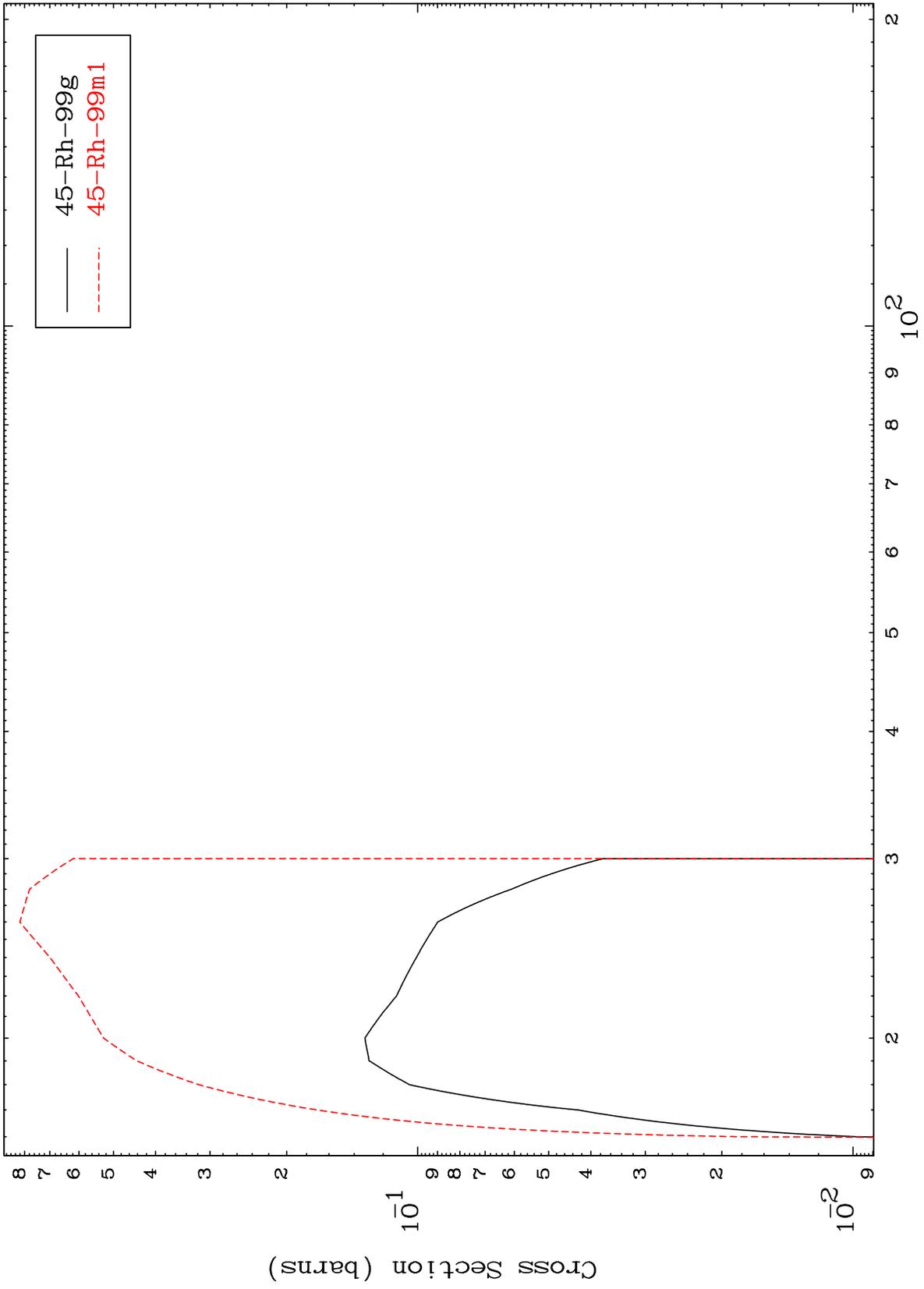
α Inelastic
Radionuclide Production Cross Section



MAT 4320

43-Tc-97

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



12

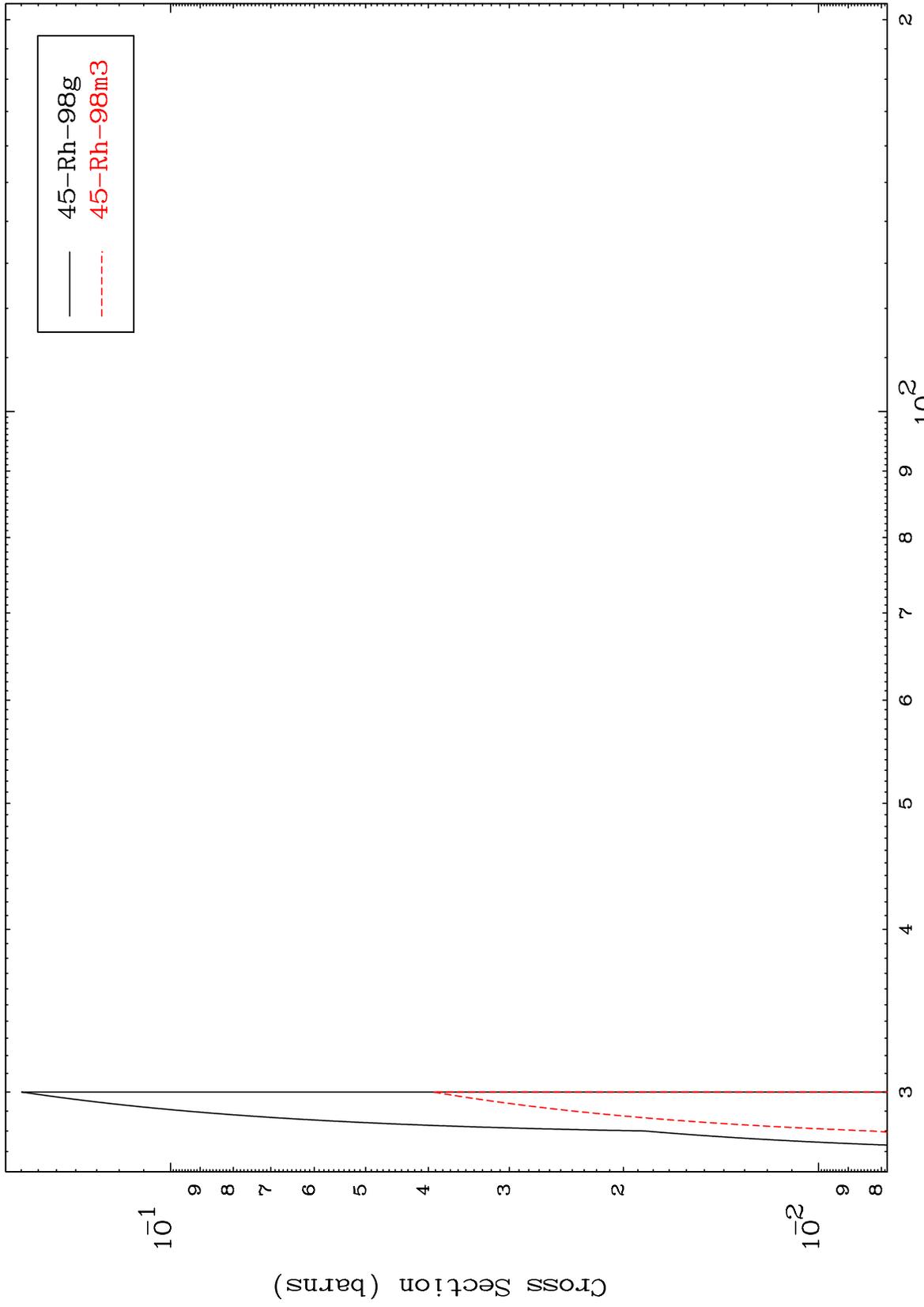
Incident Energy (MeV)

43-Tc-97

MAT 4320

43-Tc-97

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



45-Rh-98g
45-Rh-98m3

13

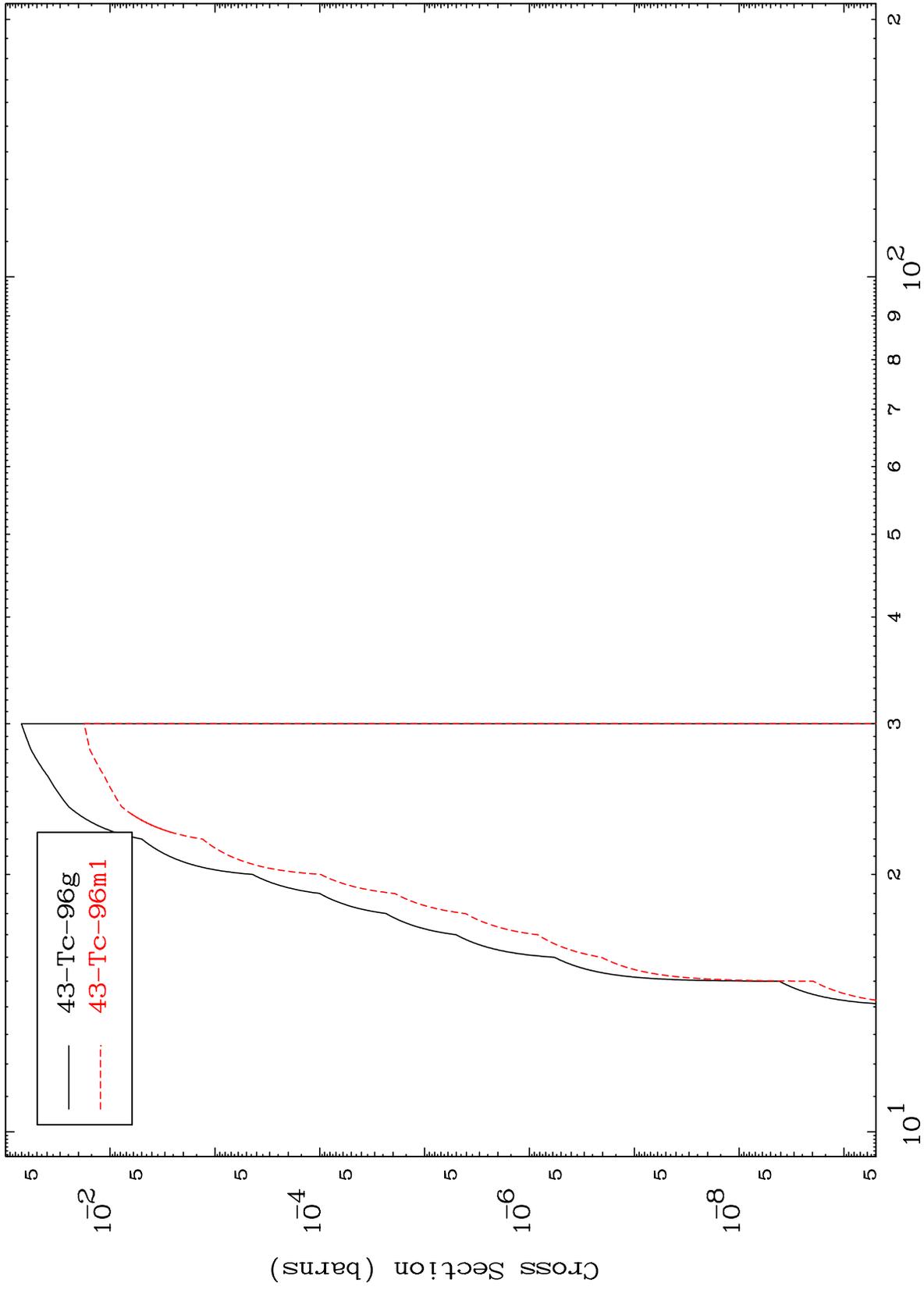
43-Tc-97

MAT 4320

(α, n') α

43-Tc-97

Radionuclide Production Cross Section



14

Incident Energy (MeV)

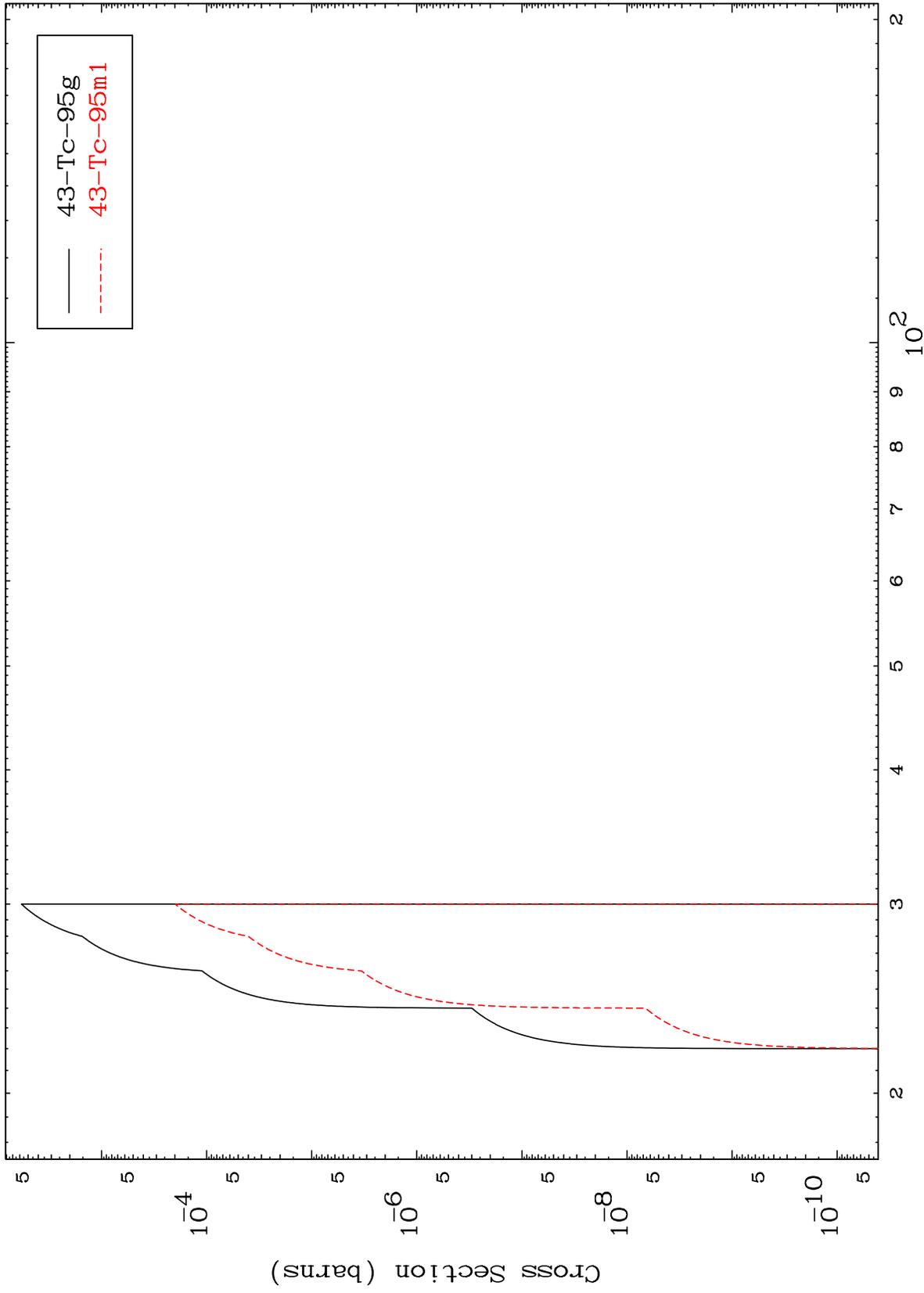
43-Tc-97

MAT 4320

$(\alpha, 2n) \alpha$

43-Tc-97

Radionuclide Production Cross Section



15

Incident Energy (MeV)

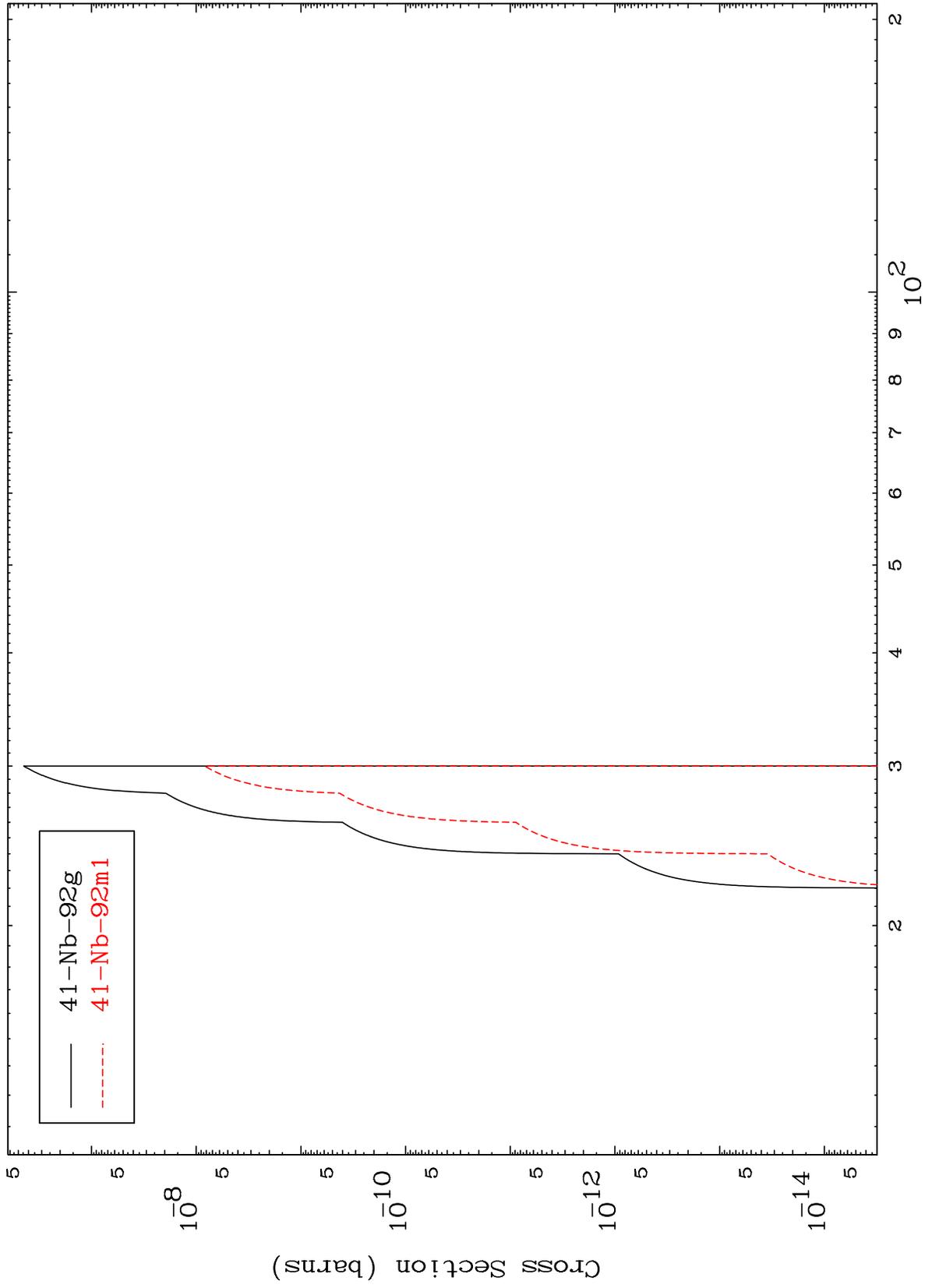
43-Tc-97

MAT 4320

(α, n') 2α

43-Tc-97

Radionuclide Production Cross Section



16

Incident Energy (MeV)

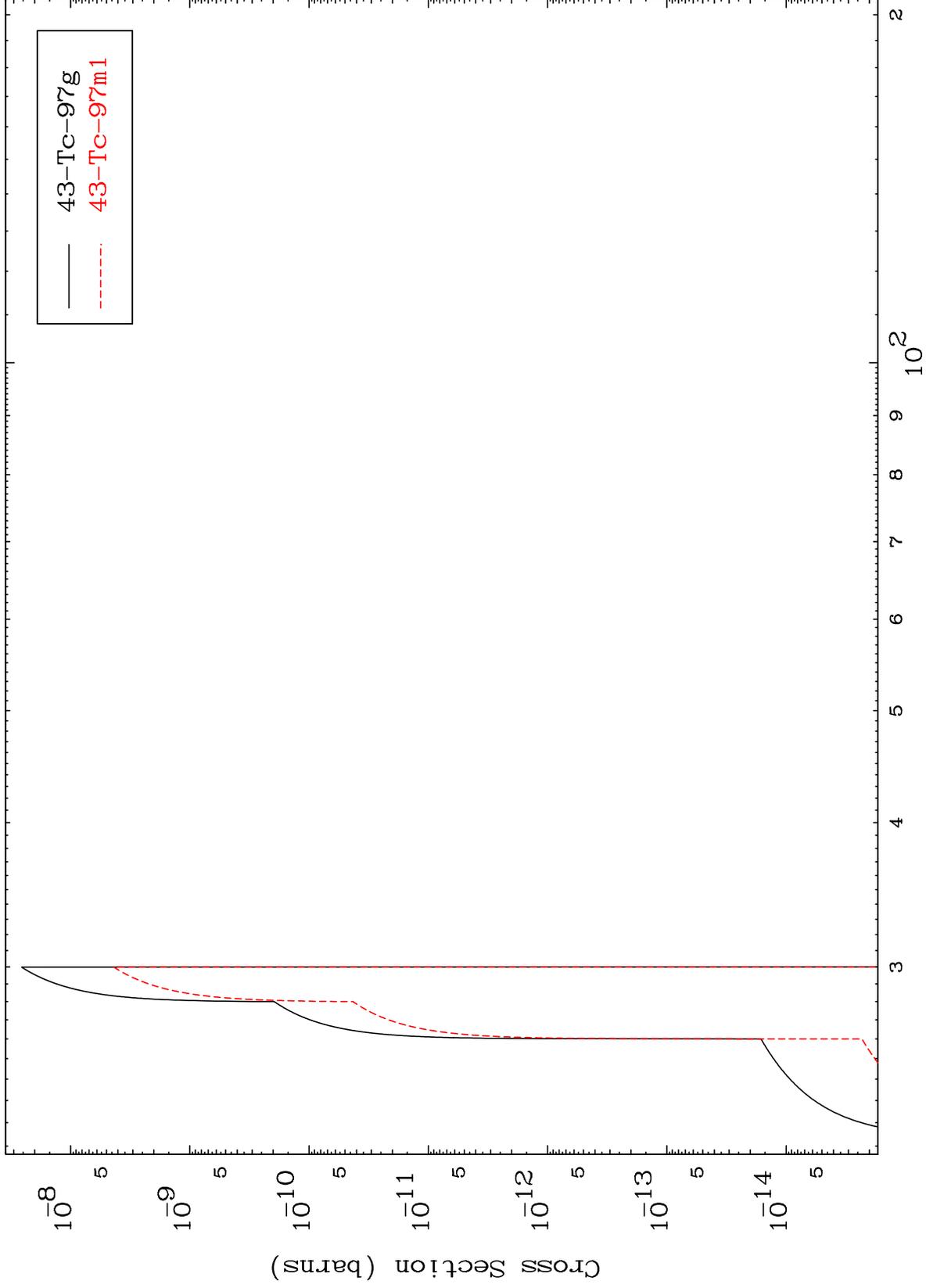
43-Tc-97

MAT 4320

(α, n') He-3

43-Tc-97

Radionuclide Production Cross Section



17

Incident Energy (MeV)

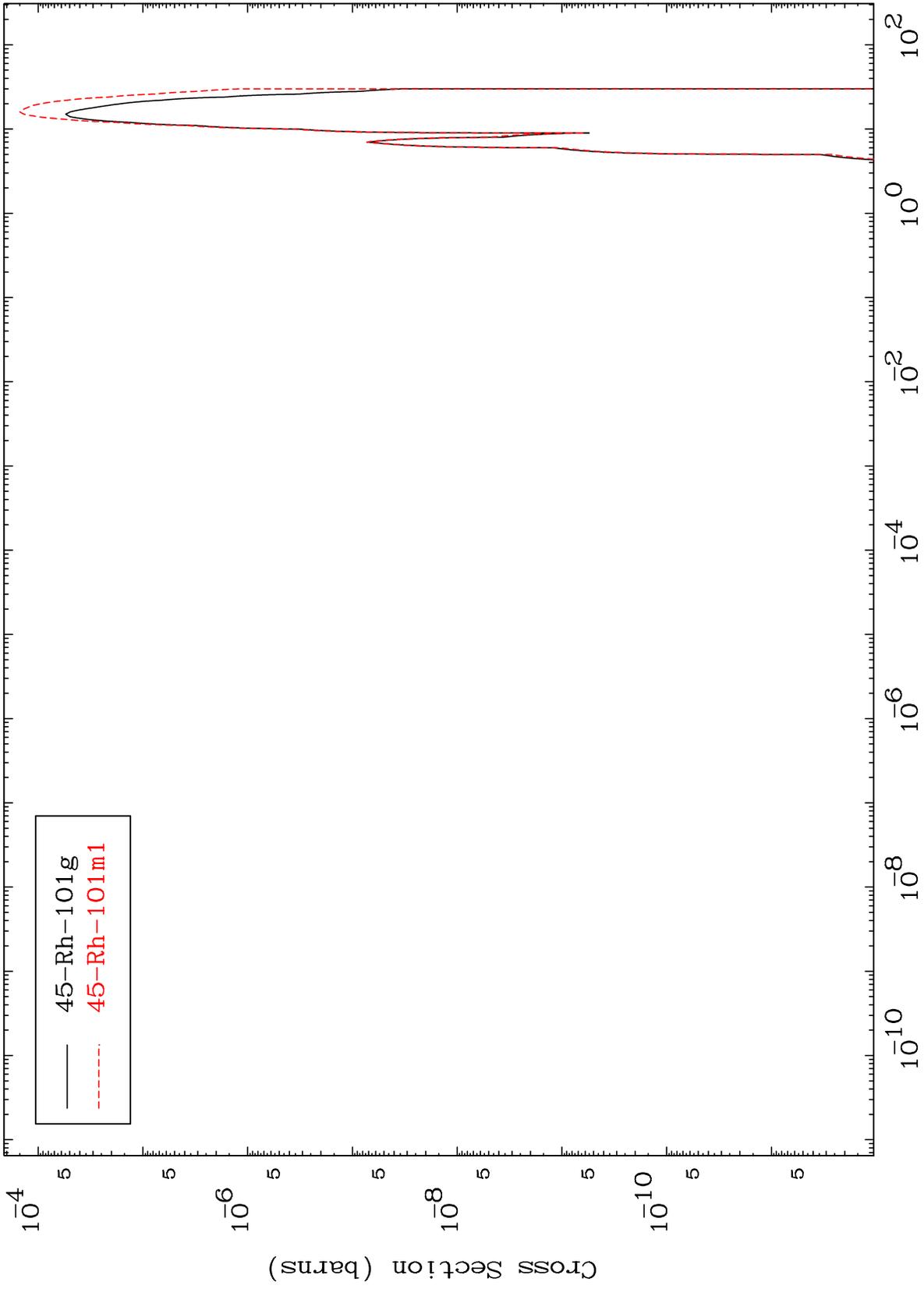
43-Tc-97

MAT 4320

(α, γ)

43-Tc-97

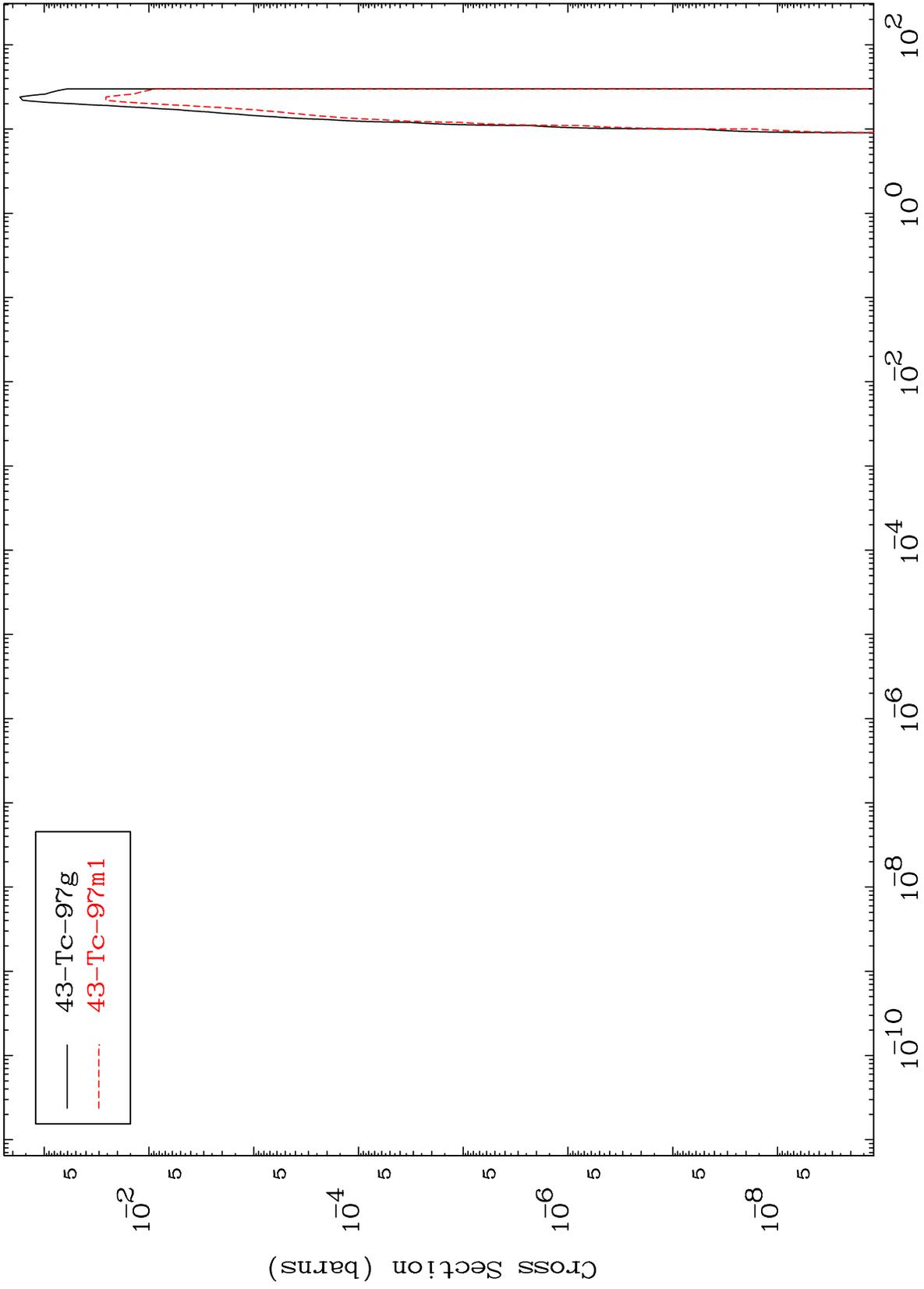
Radionuclide Production Cross Section



MAT 4320

(α, α)
Radionuclide Production Cross Section

⁴³Tc-97



19

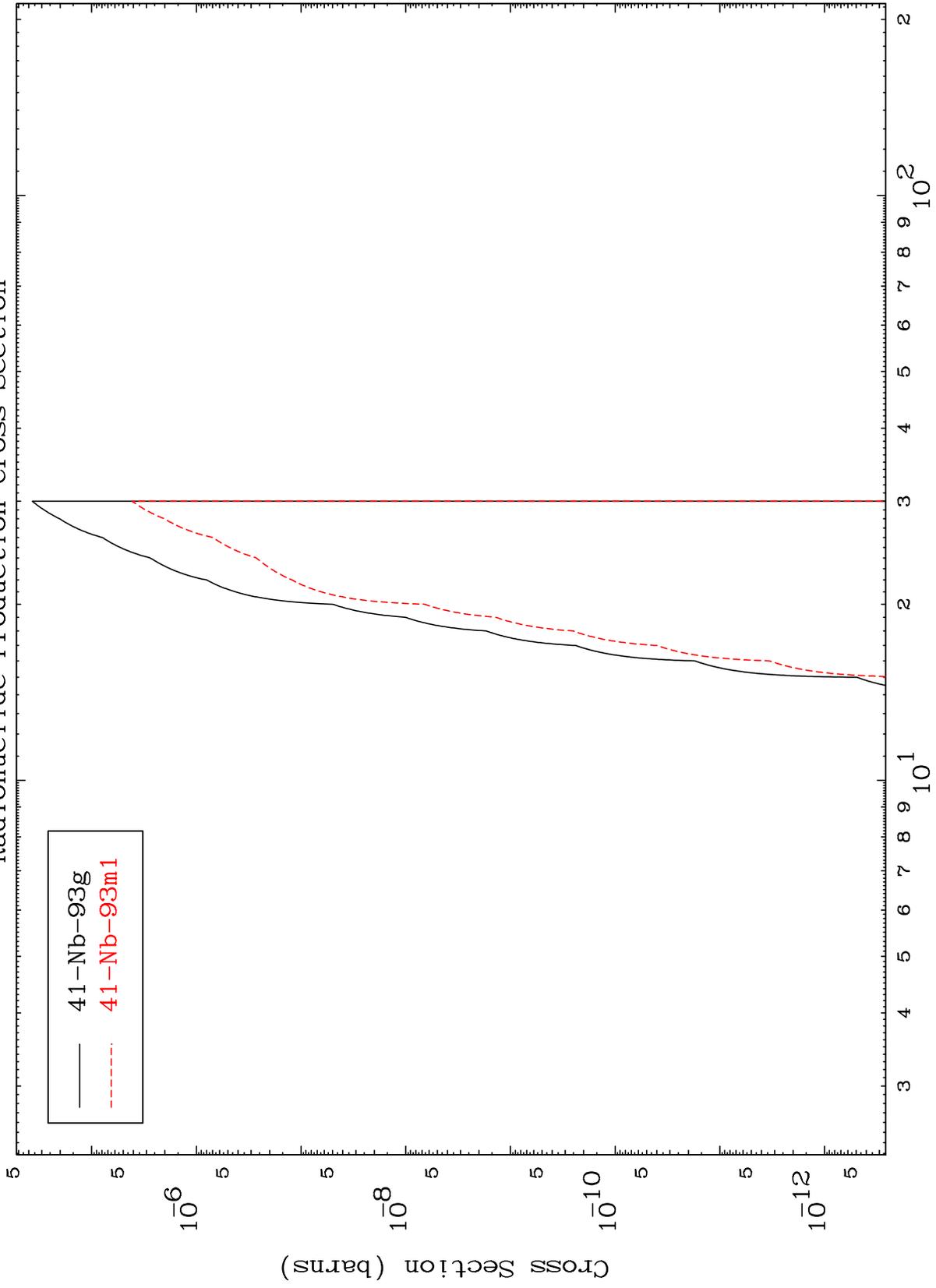
Incident Energy (MeV)

⁴³Tc-97

MAT 4320

43-Tc-97

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



20

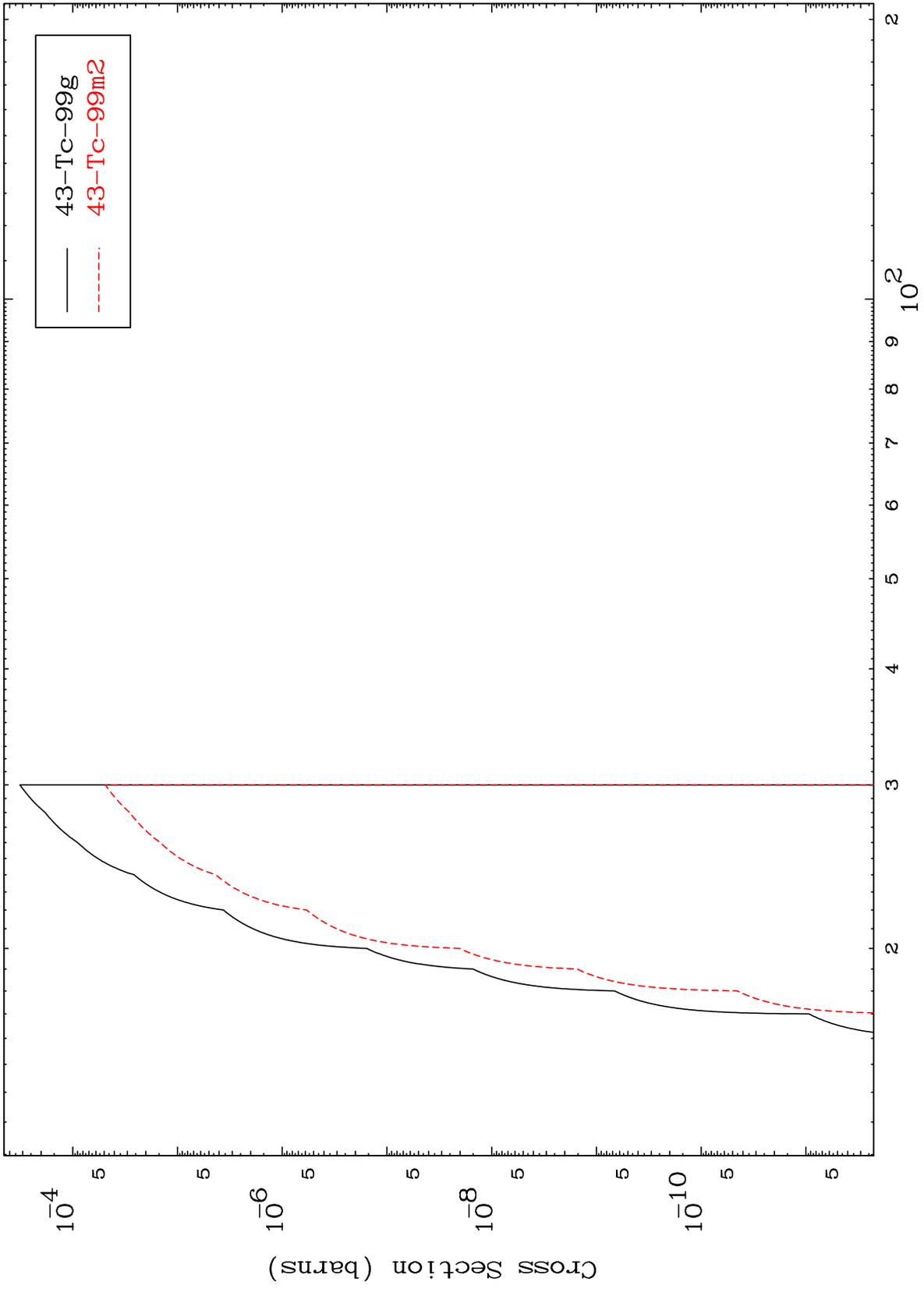
Incident Energy (MeV)

43-Tc-97

MAT 4320

43-Tc-97

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



21

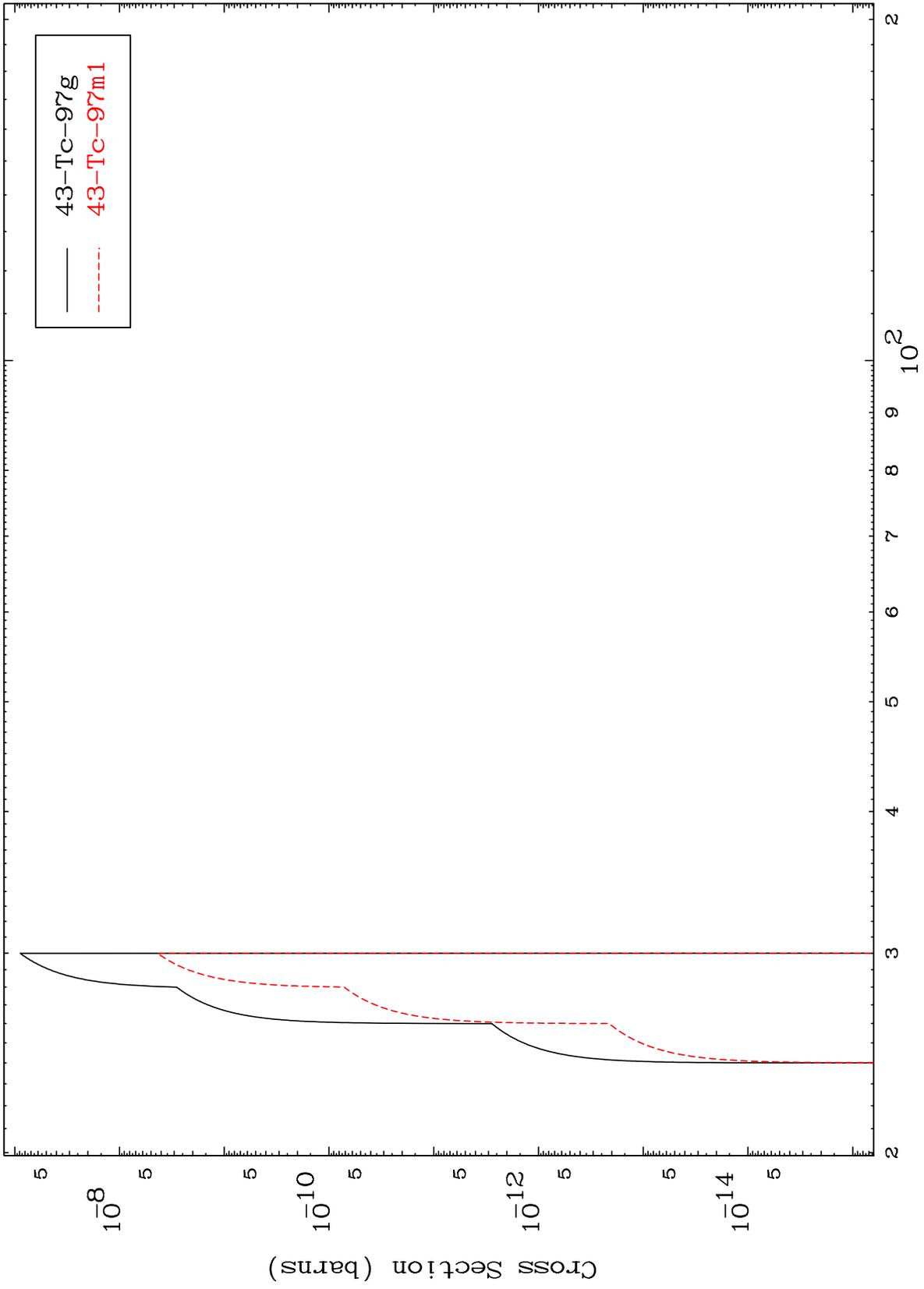
43-Tc-97

MAT 4320

(α, p) t

43-Tc-97

Radionuclide Production Cross Section



22

Incident Energy (MeV)

43-Tc-97