

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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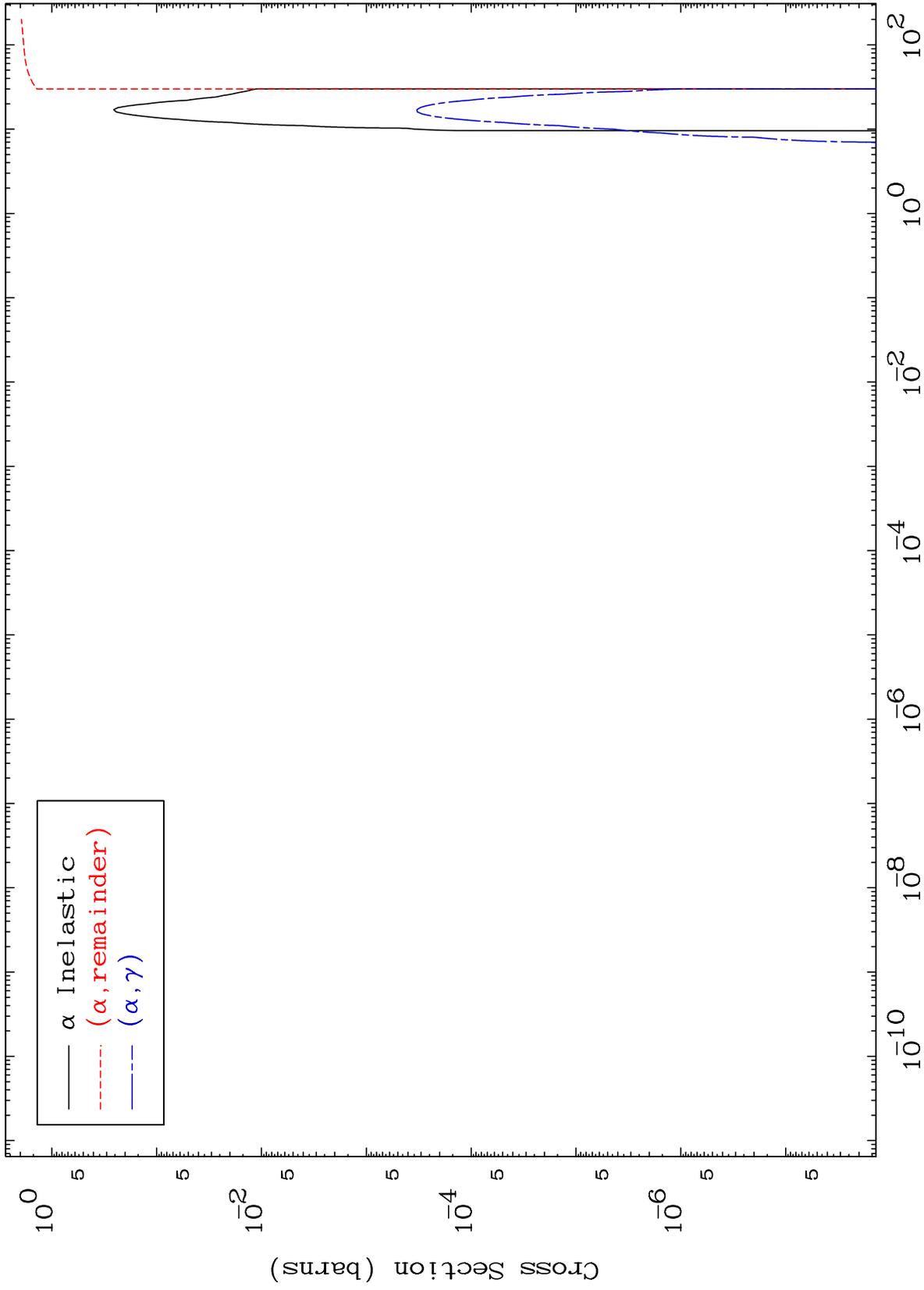
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4308

0 Kelvin  $\alpha$  Major  
Cross Sections

43-Tc-93



1

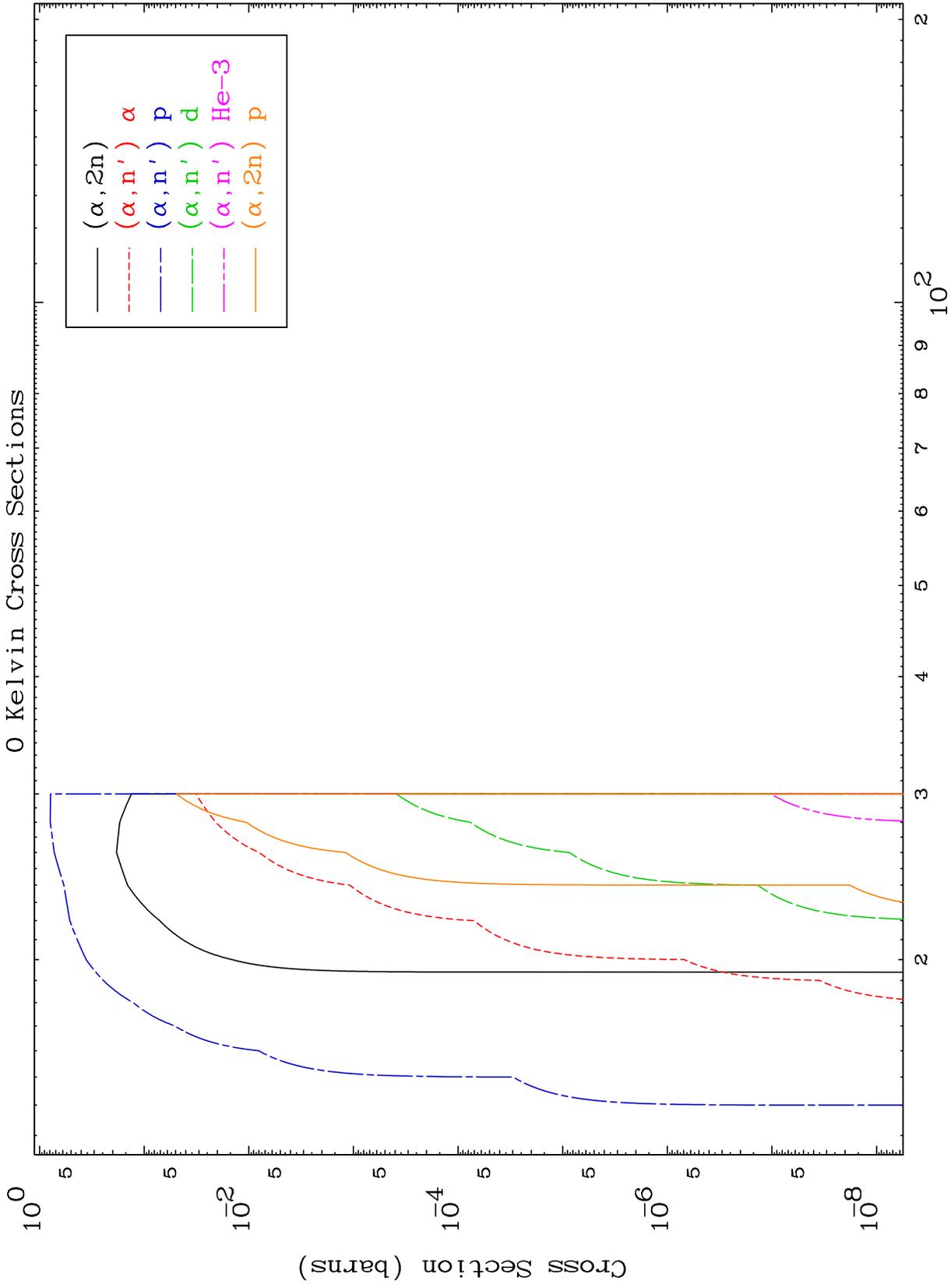
Incident Energy (MeV)

43-Tc-93

MAT 4308

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

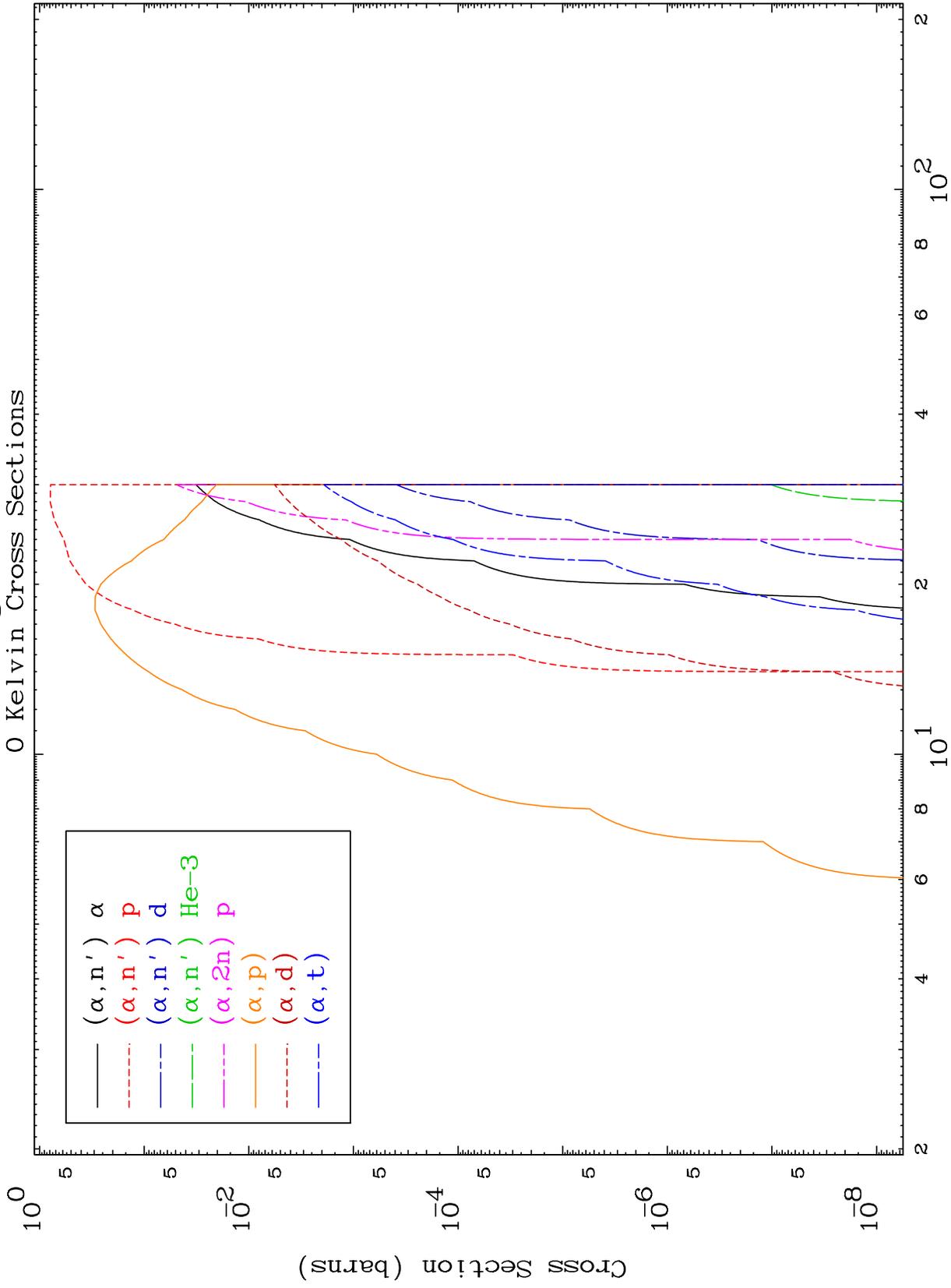
43-Tc-93



2

Incident Energy (MeV)

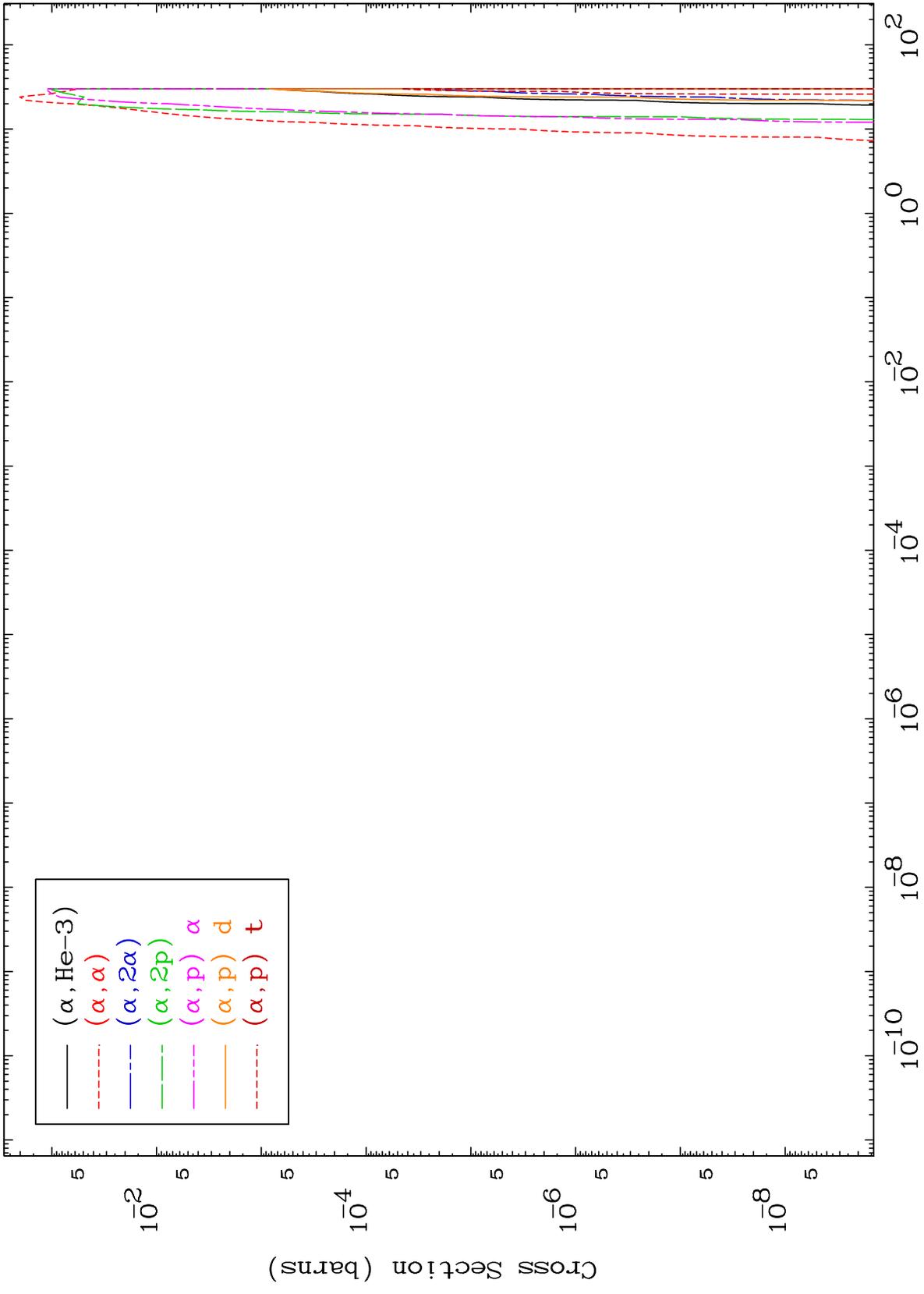
43-Tc-93



MAT 4308

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

43-Tc-93

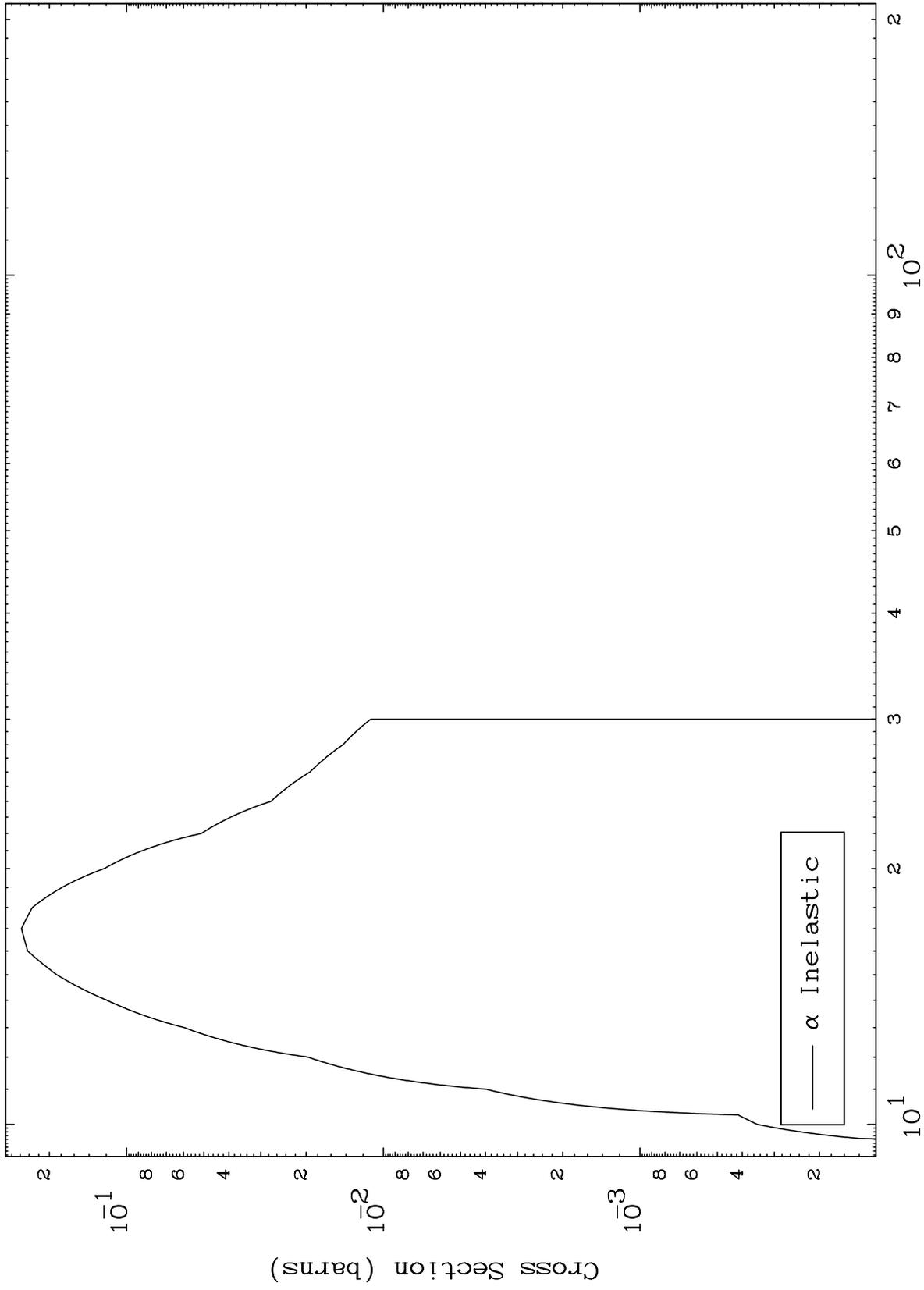


43-Tc-93

MAT 4308

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

43-Tc-93



5

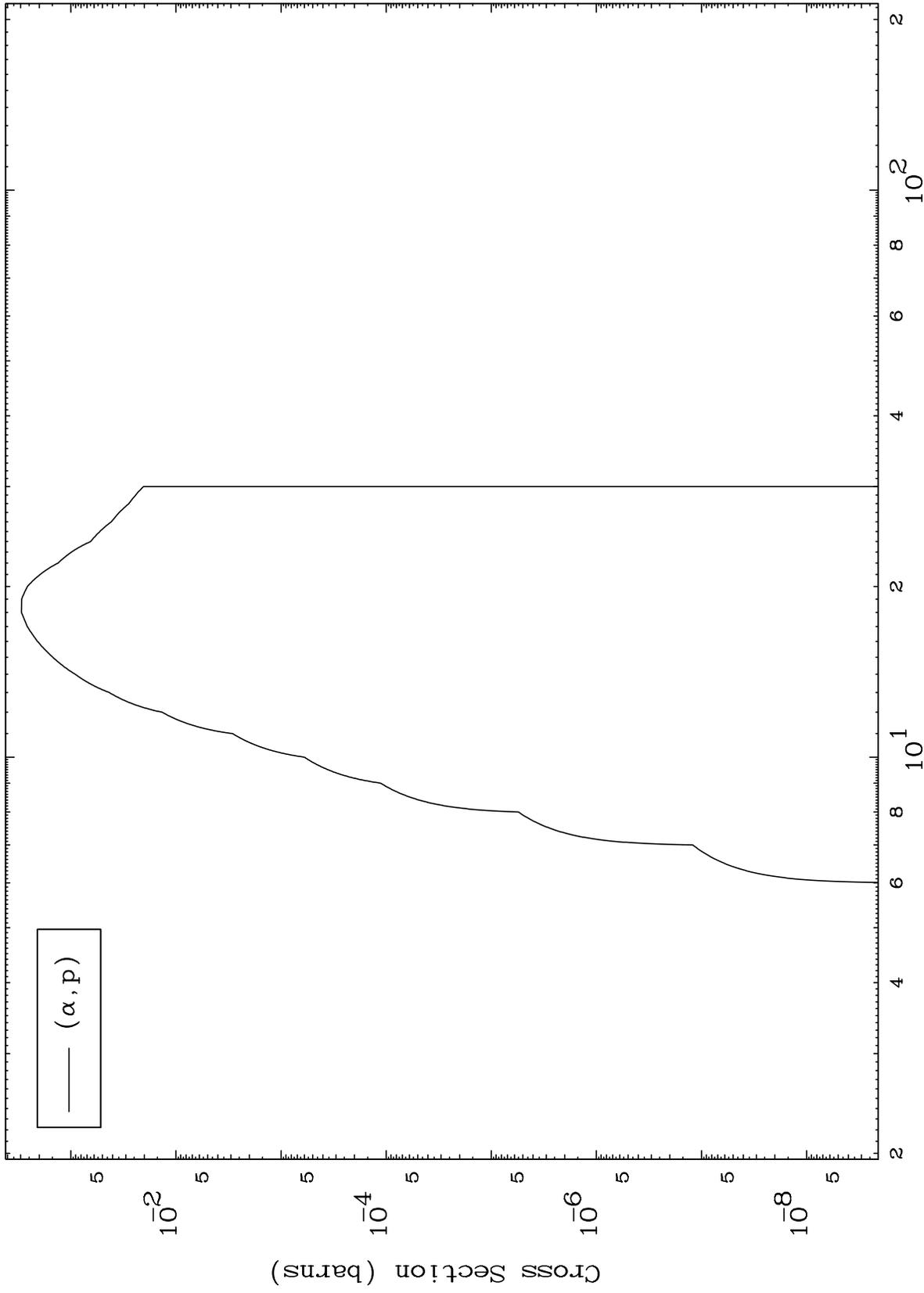
Incident Energy (MeV)

43-Tc-93

MAT 4308

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

43-Tc-93



6

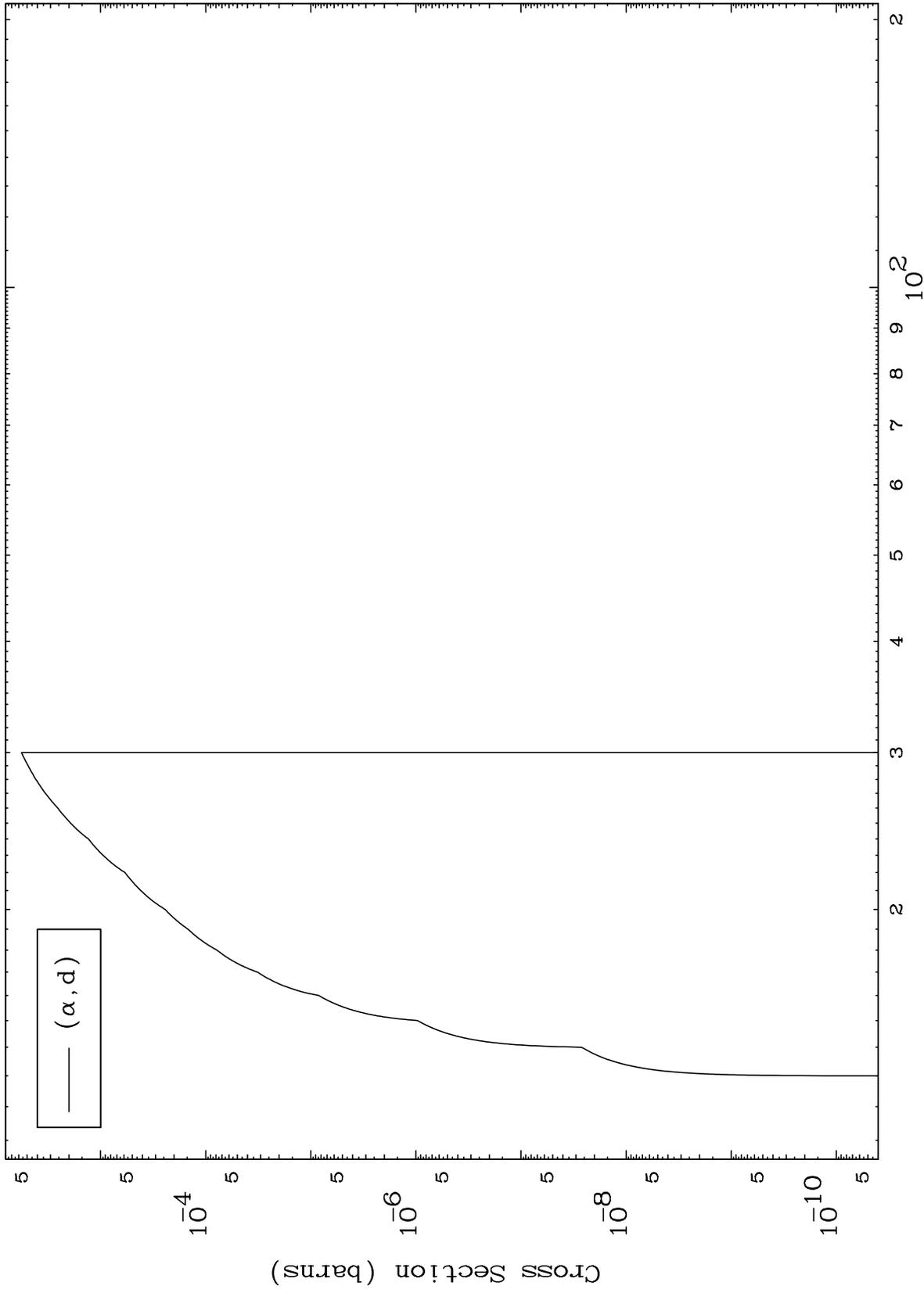
Incident Energy (MeV)

43-Tc-93

MAT 4308

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

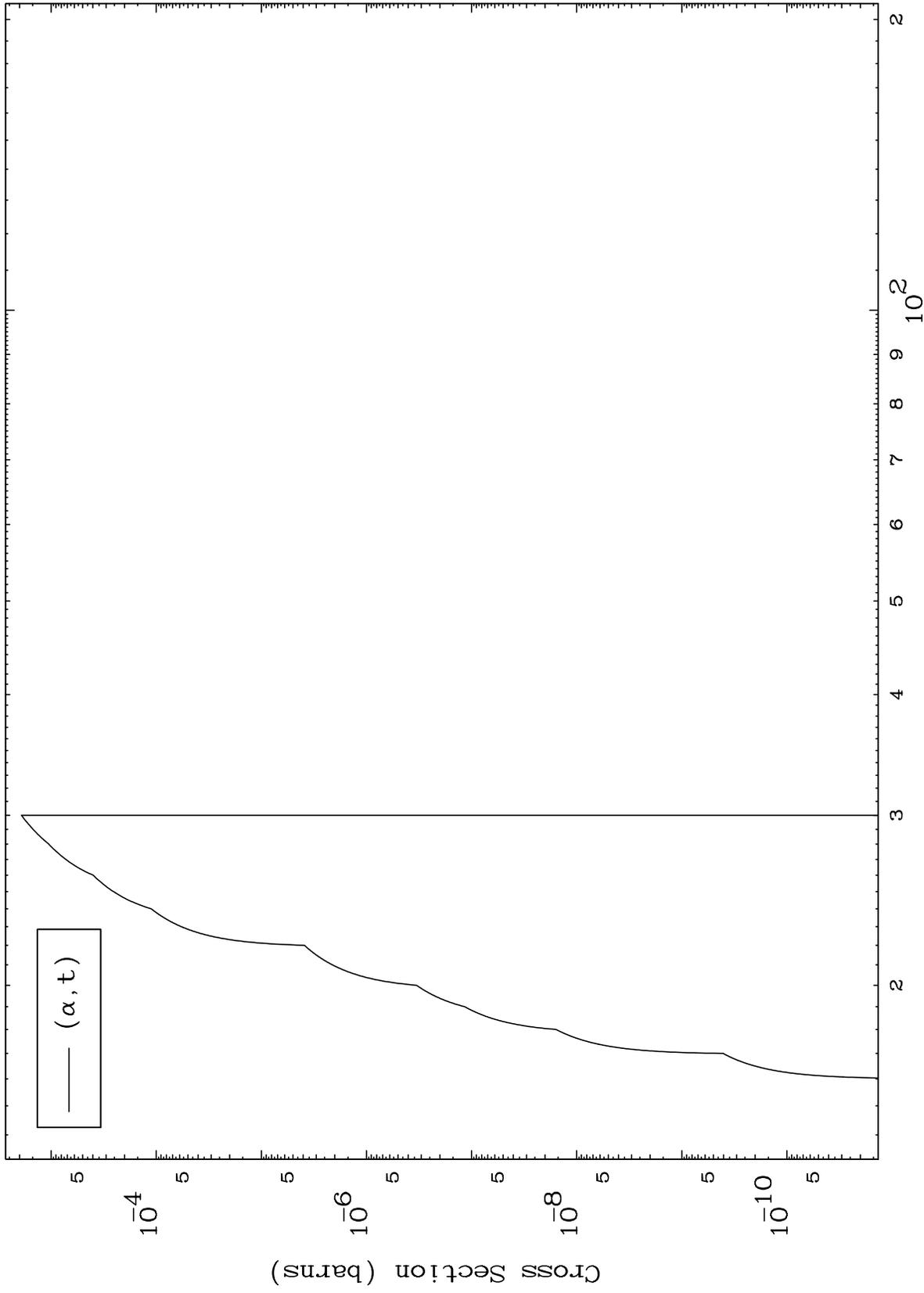
43-Tc-93

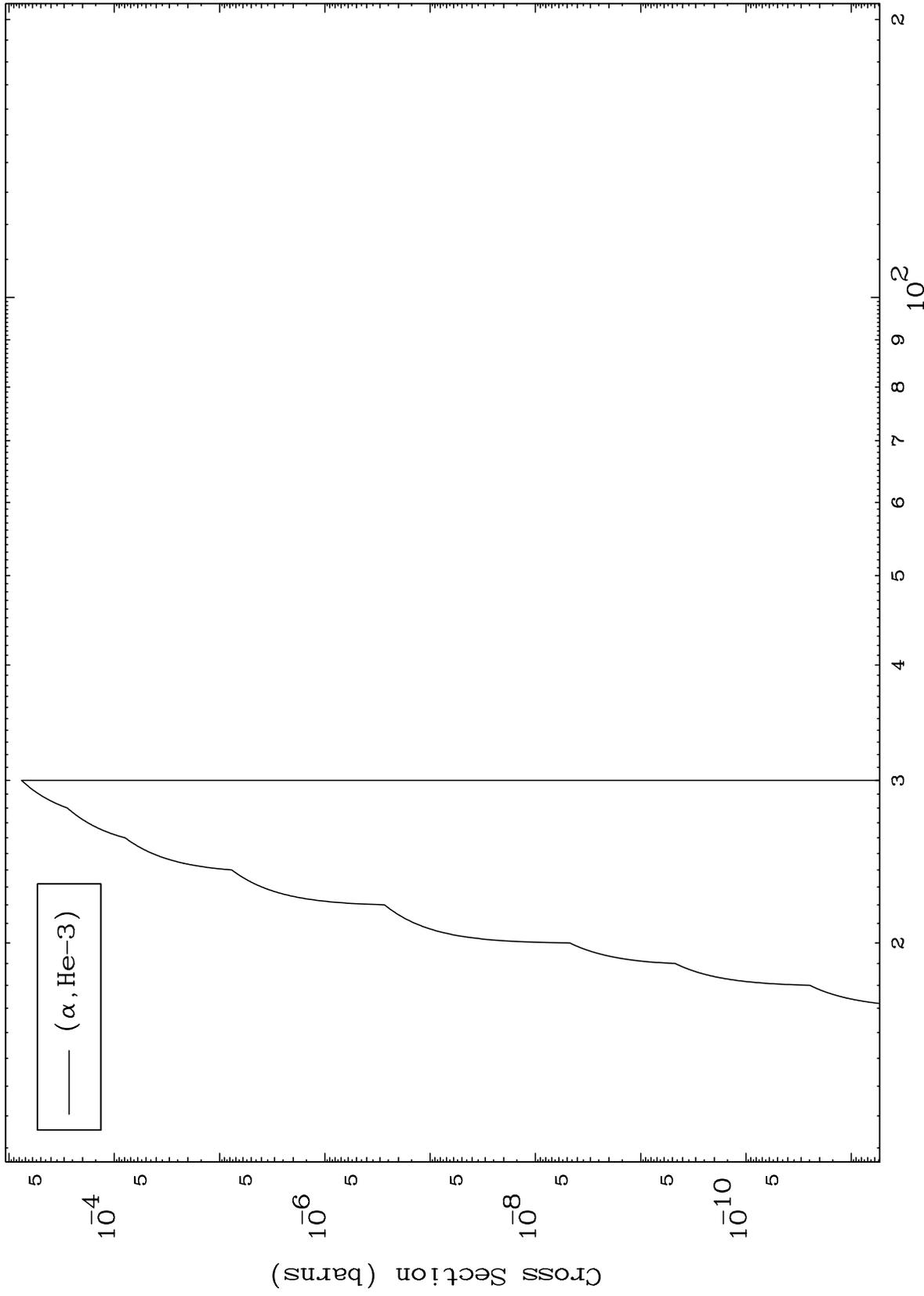


7

Incident Energy (MeV)

43-Tc-93

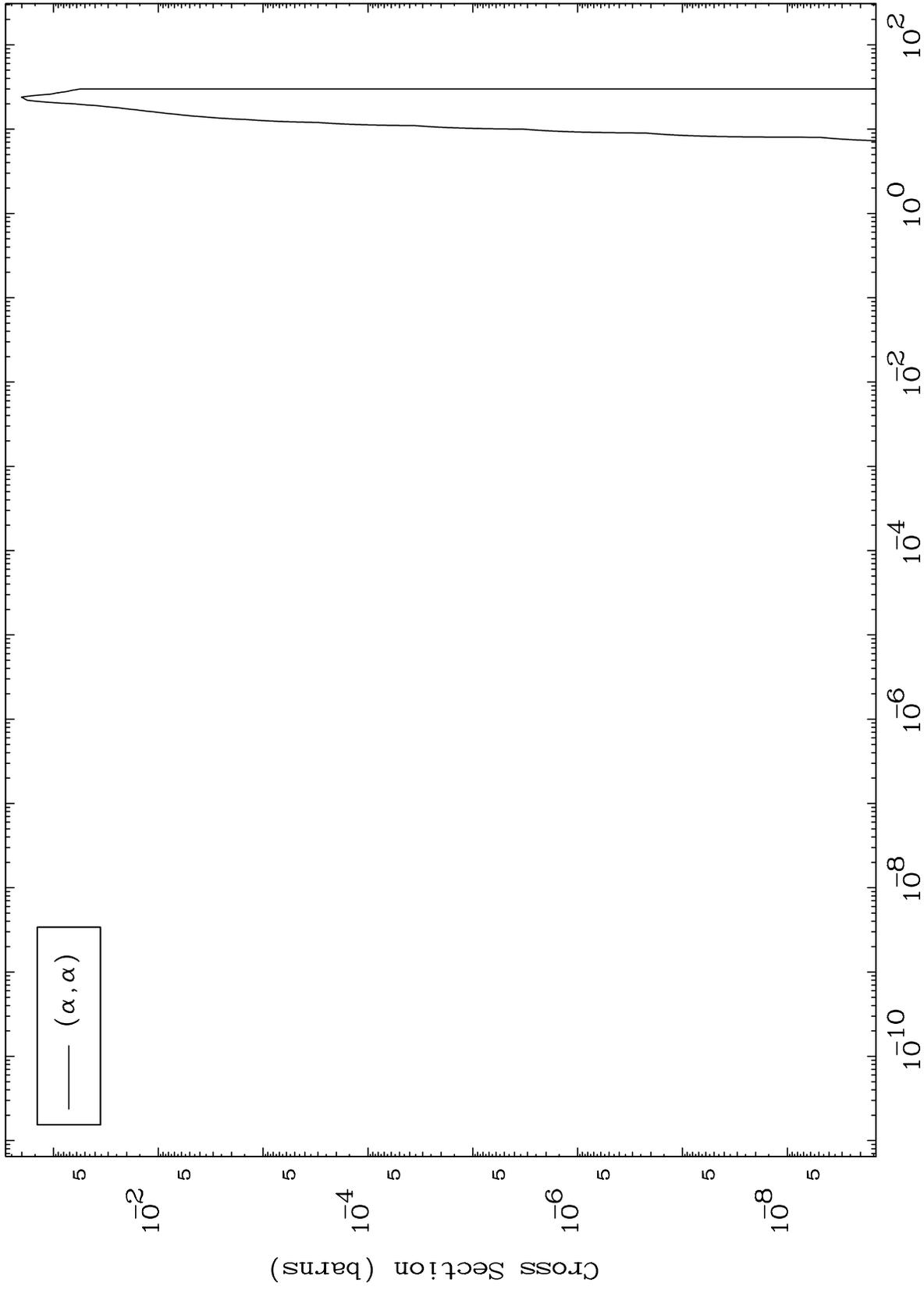




MAT 4308

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

43-Tc-93



10

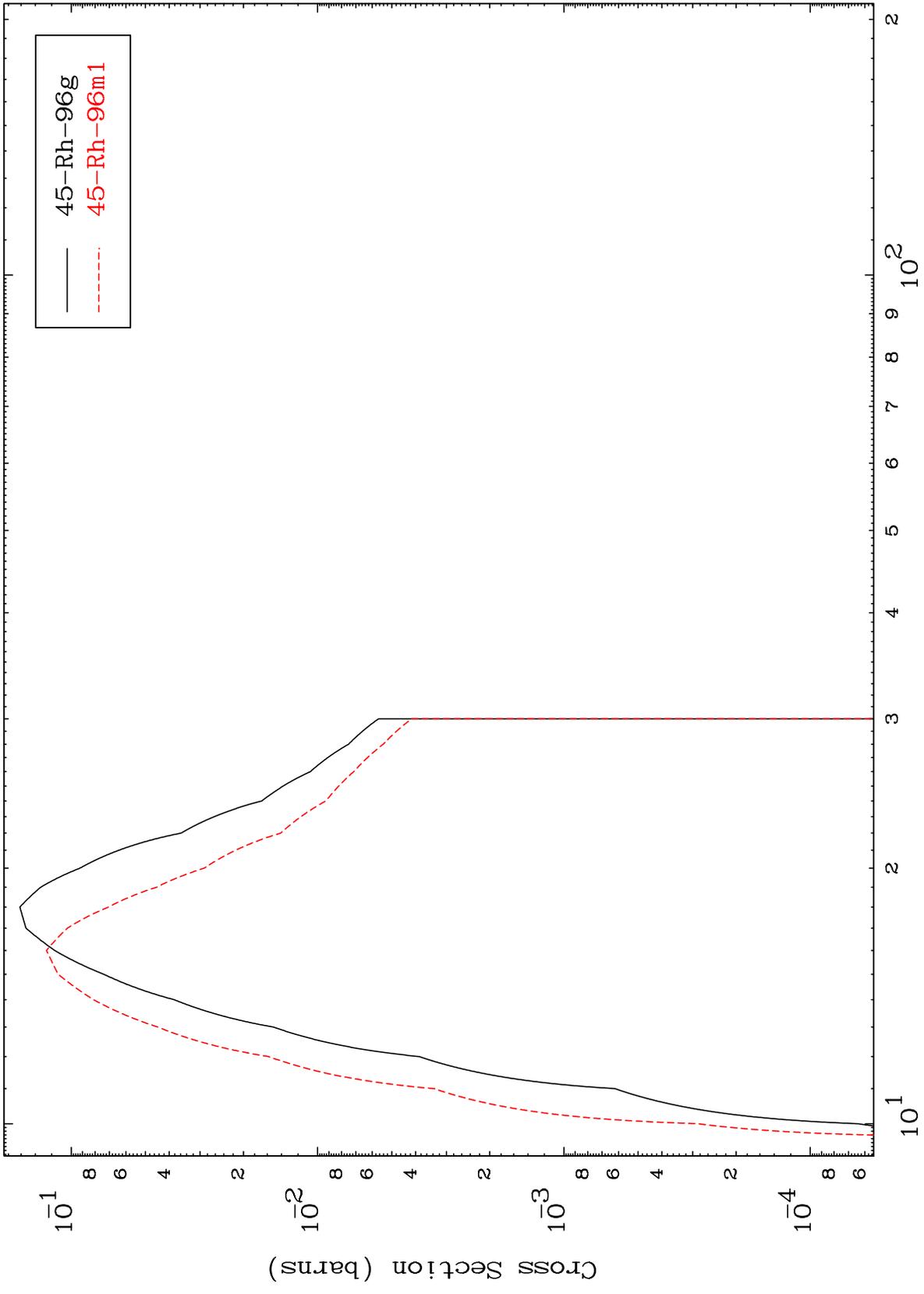
Incident Energy (MeV)

43-Tc-93

MAT 4308

$\alpha$  Inelastic  
Radionuclide Production Cross Section

43-Tc-93



11

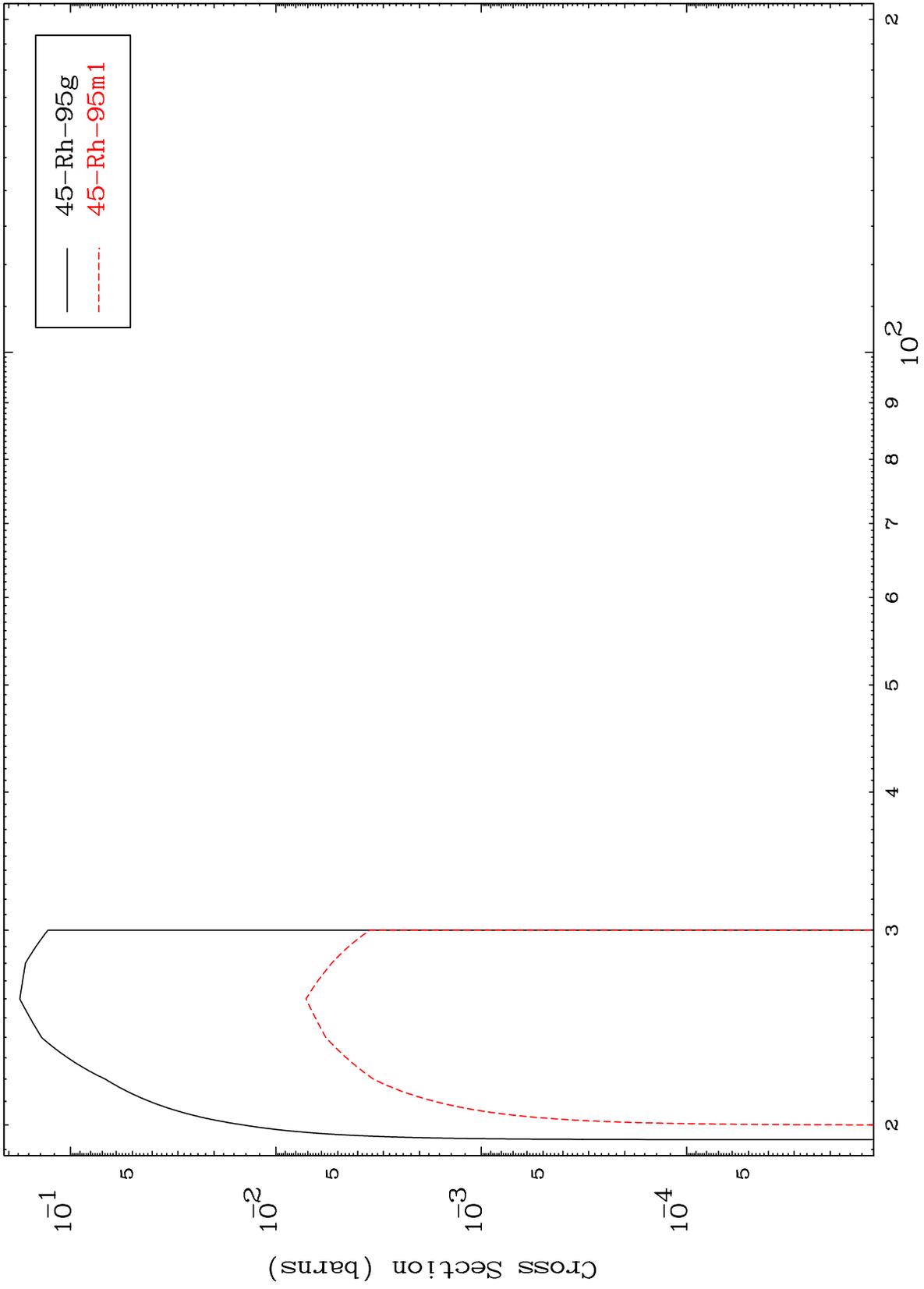
Incident Energy (MeV)

43-Tc-93

MAT 4308

43-Tc-93

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



12

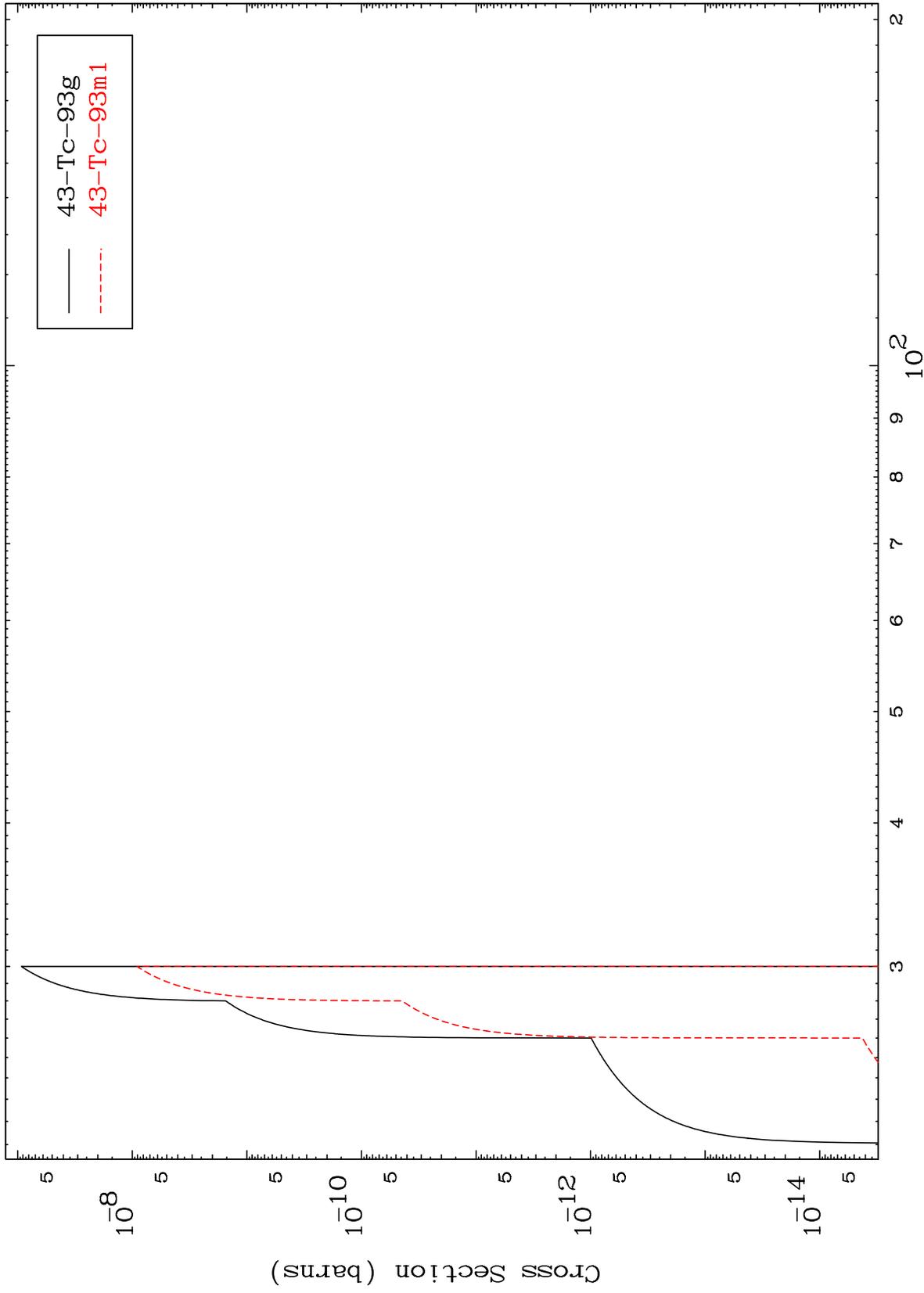
43-Tc-93

MAT 4308

( $\alpha, n'$ ) He-3

43-Tc-93

Radionuclide Production Cross Section



13

Incident Energy (MeV)

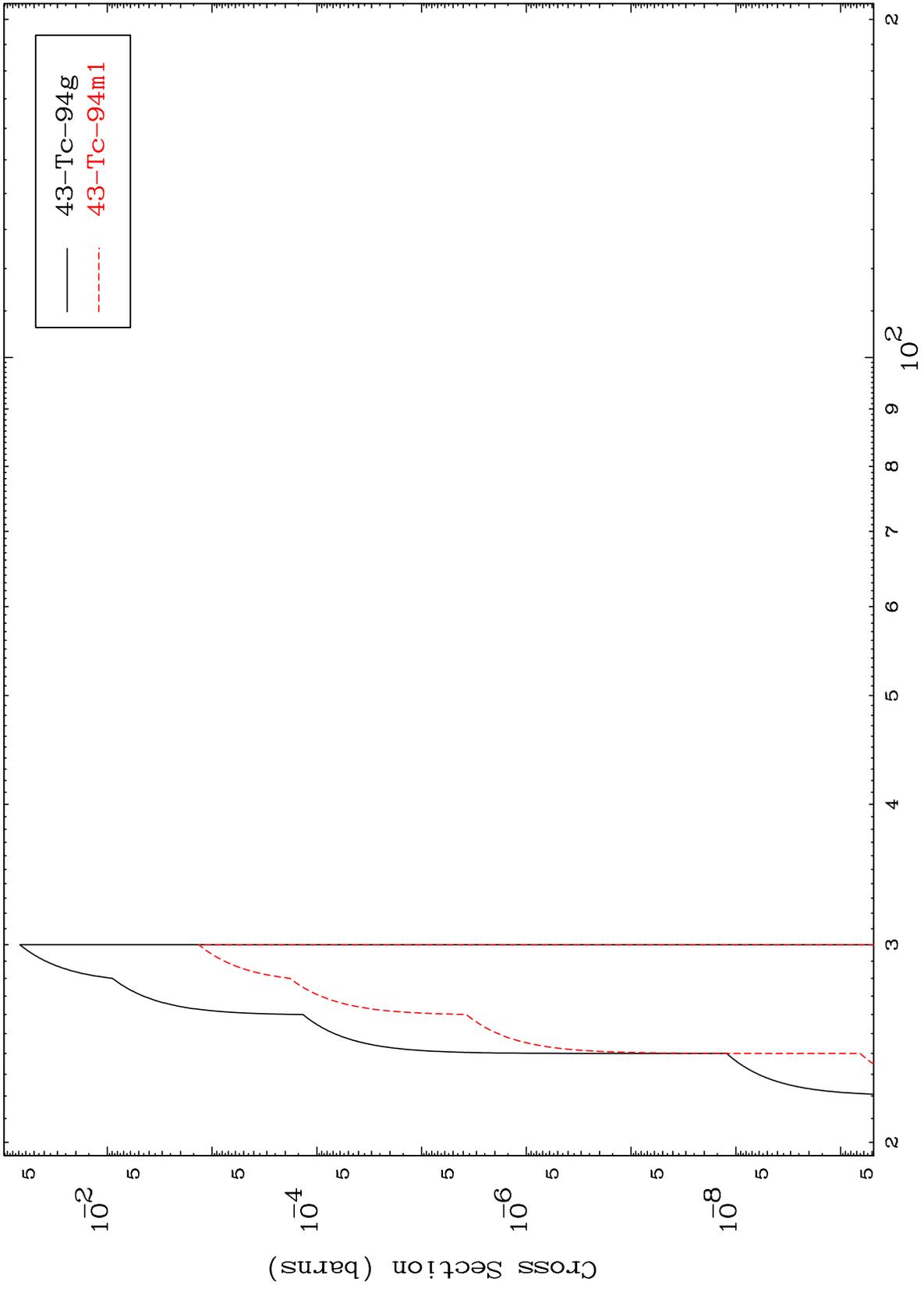
43-Tc-93

MAT 4308

( $\alpha, 2n$ ) p

43-Tc-93

Radionuclide Production Cross Section



14

Incident Energy (MeV)

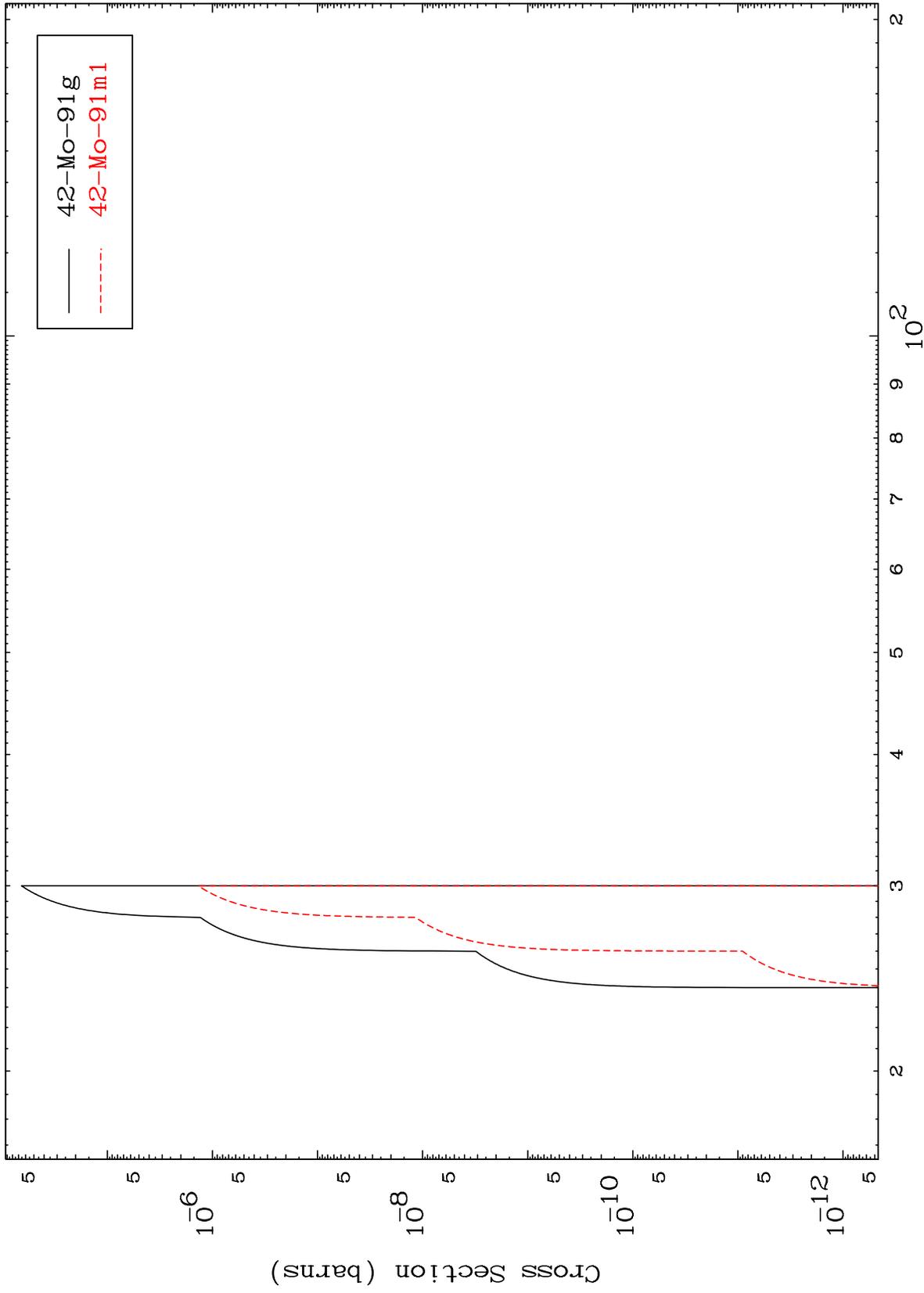
43-Tc-93

MAT 4308

$(\alpha, n')$  p  $\alpha$

43-Tc-93

Radionuclide Production Cross Section



15

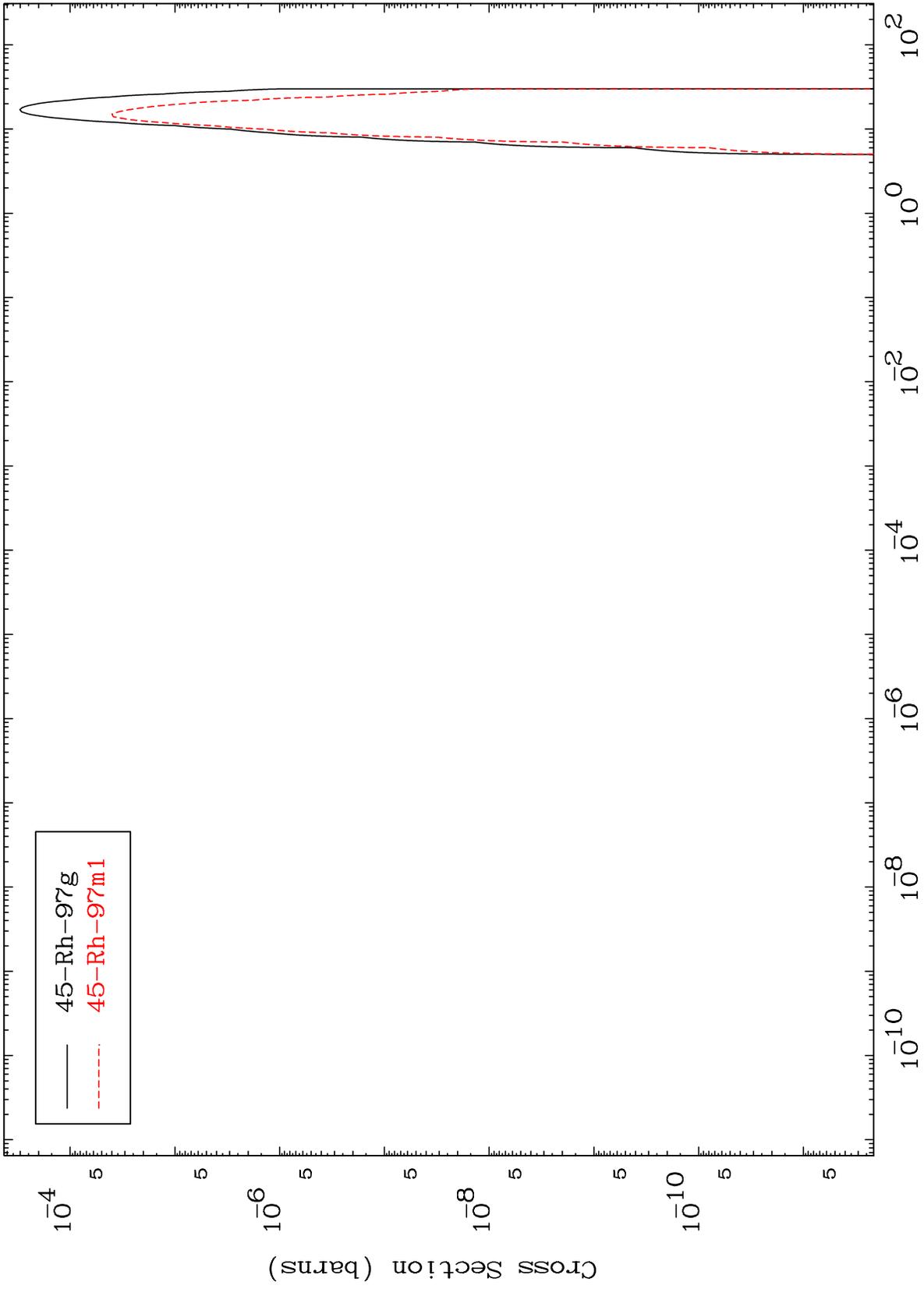
Incident Energy (MeV)

43-Tc-93

MAT 4308

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

43-Tc-93



16

Incident Energy (MeV)

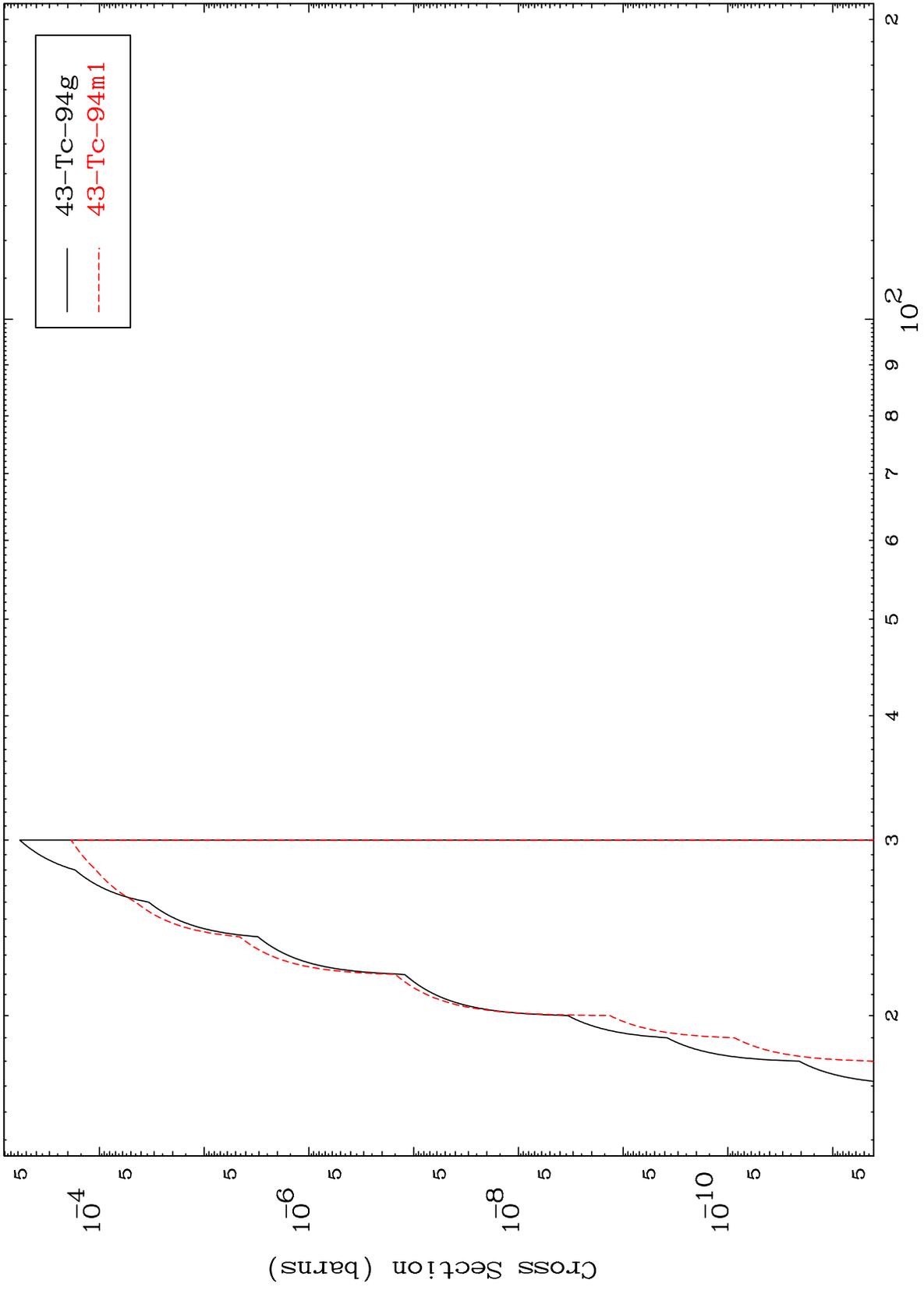
43-Tc-93

MAT 4308

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

43-Tc-93

Radionuclide Production Cross Section



17

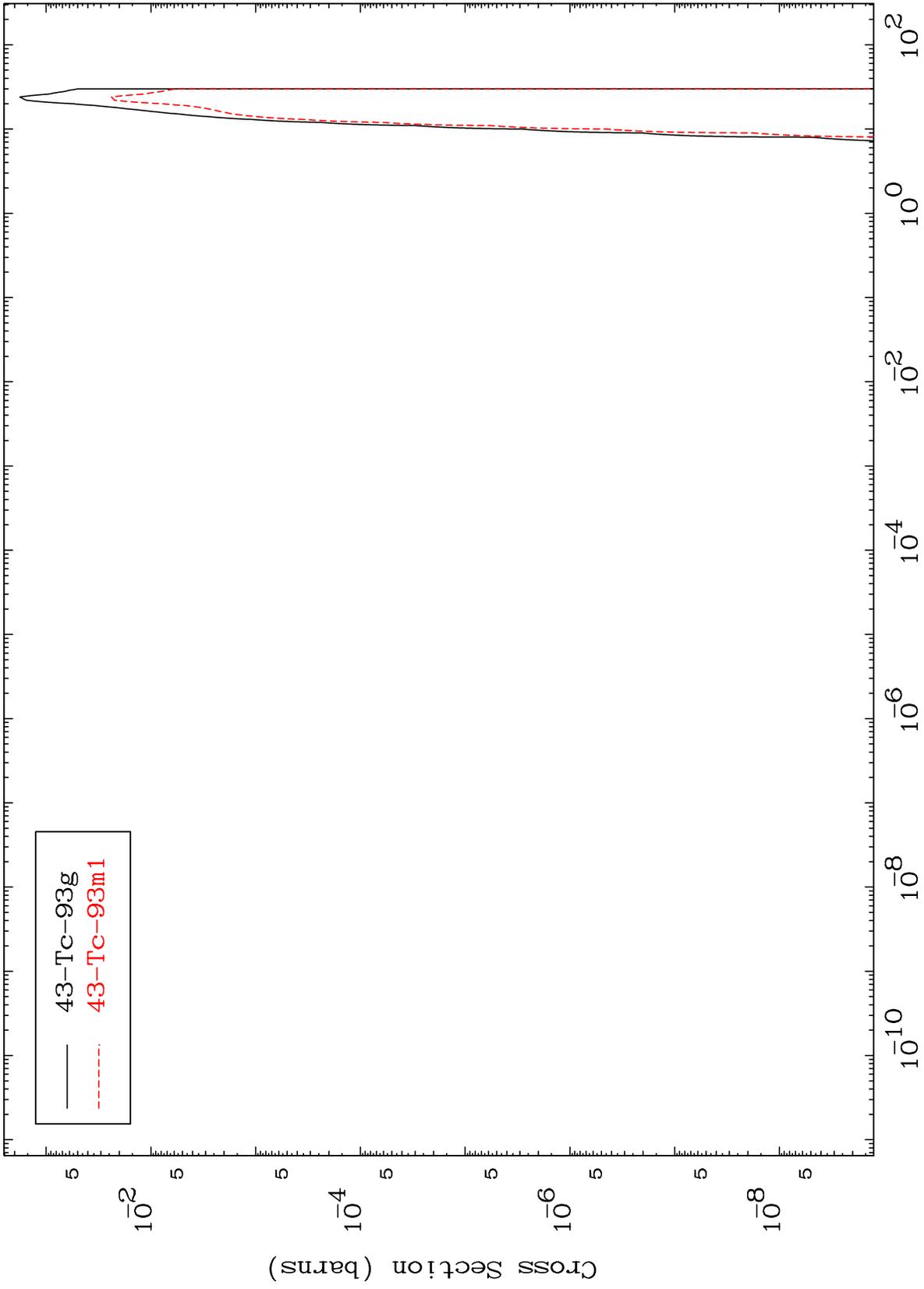
Incident Energy (MeV)

43-Tc-93

MAT 4308

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

$^{43}\text{Tc-93}$



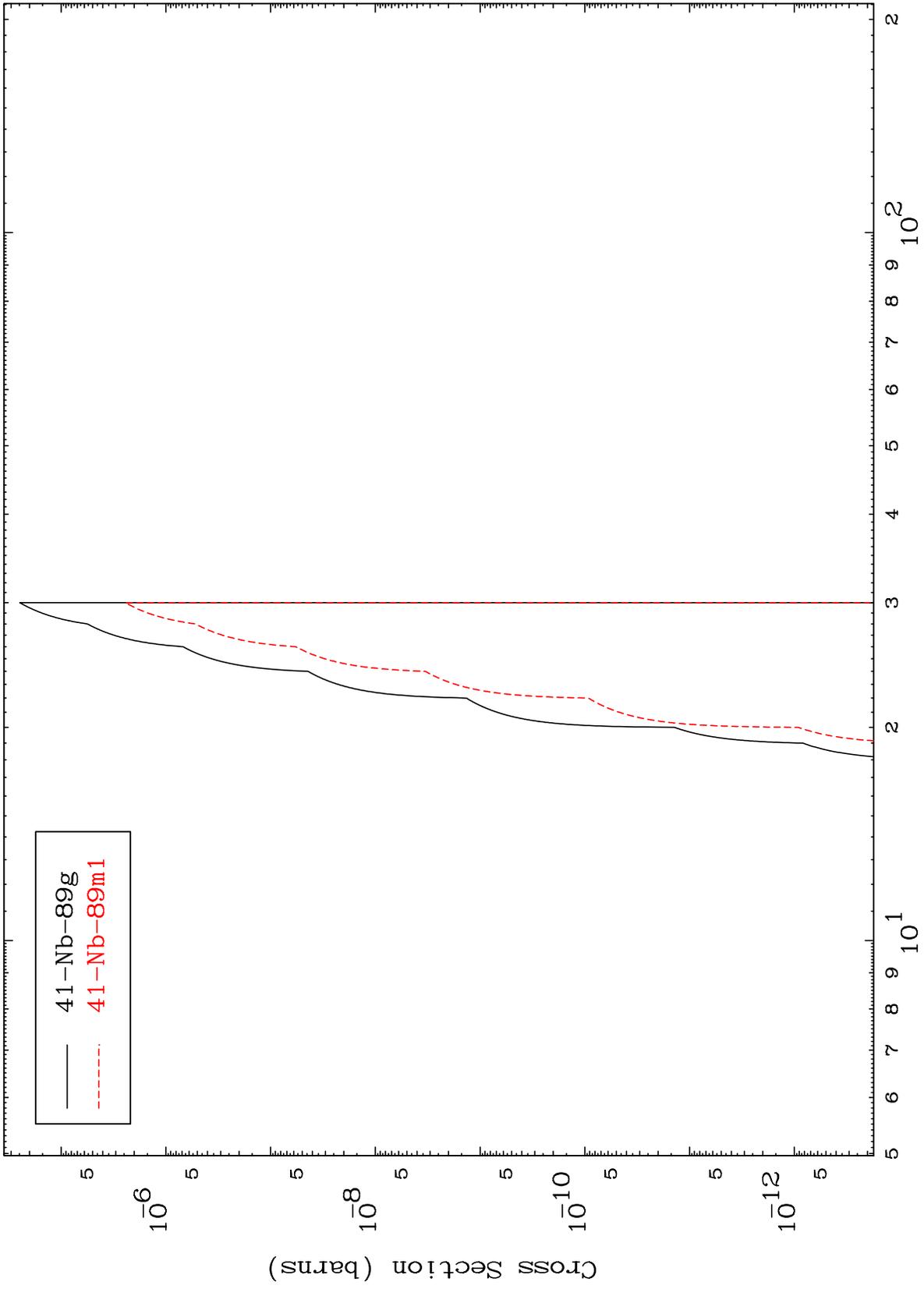
18

$^{43}\text{Tc-93}$

MAT 4308

43-Tc-93

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



19

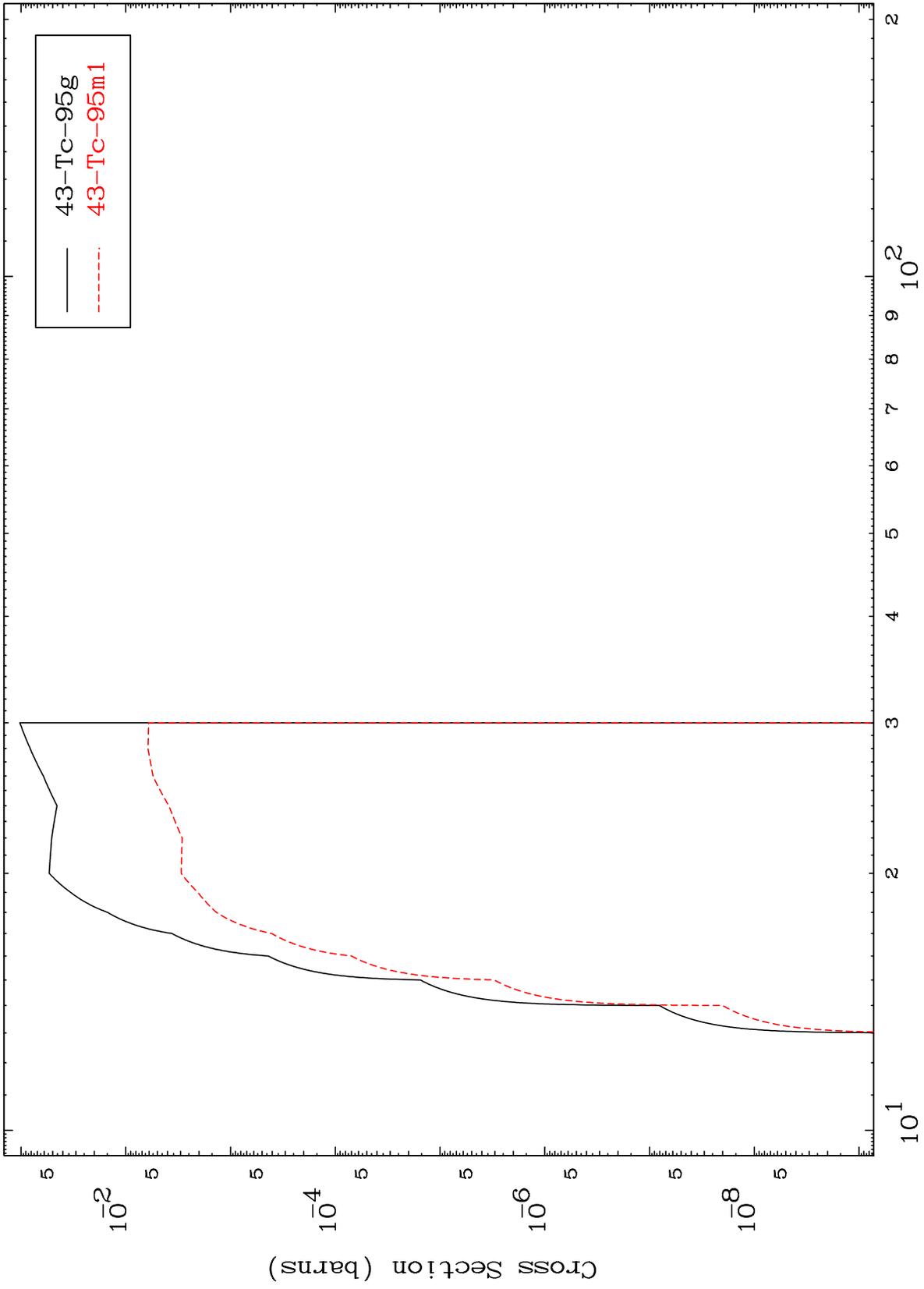
Incident Energy (MeV)

43-Tc-93

MAT 4308

43-Tc-93

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



43-Tc-93

Incident Energy (MeV)

20

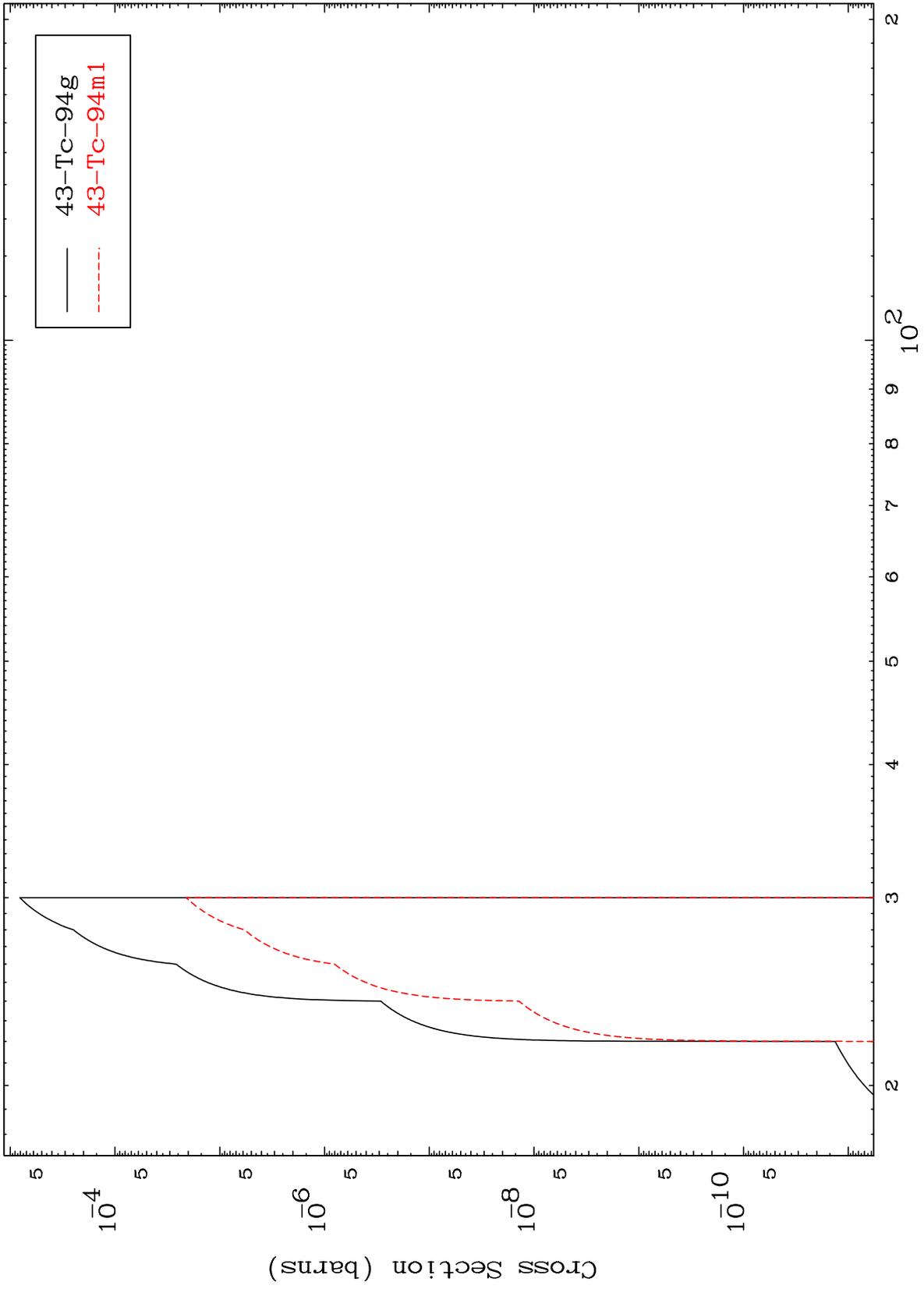
$10^2$

MAT 4308

( $\alpha, p$ ) d

43-Tc-93

Radionuclide Production Cross Section



21

Incident Energy (MeV)

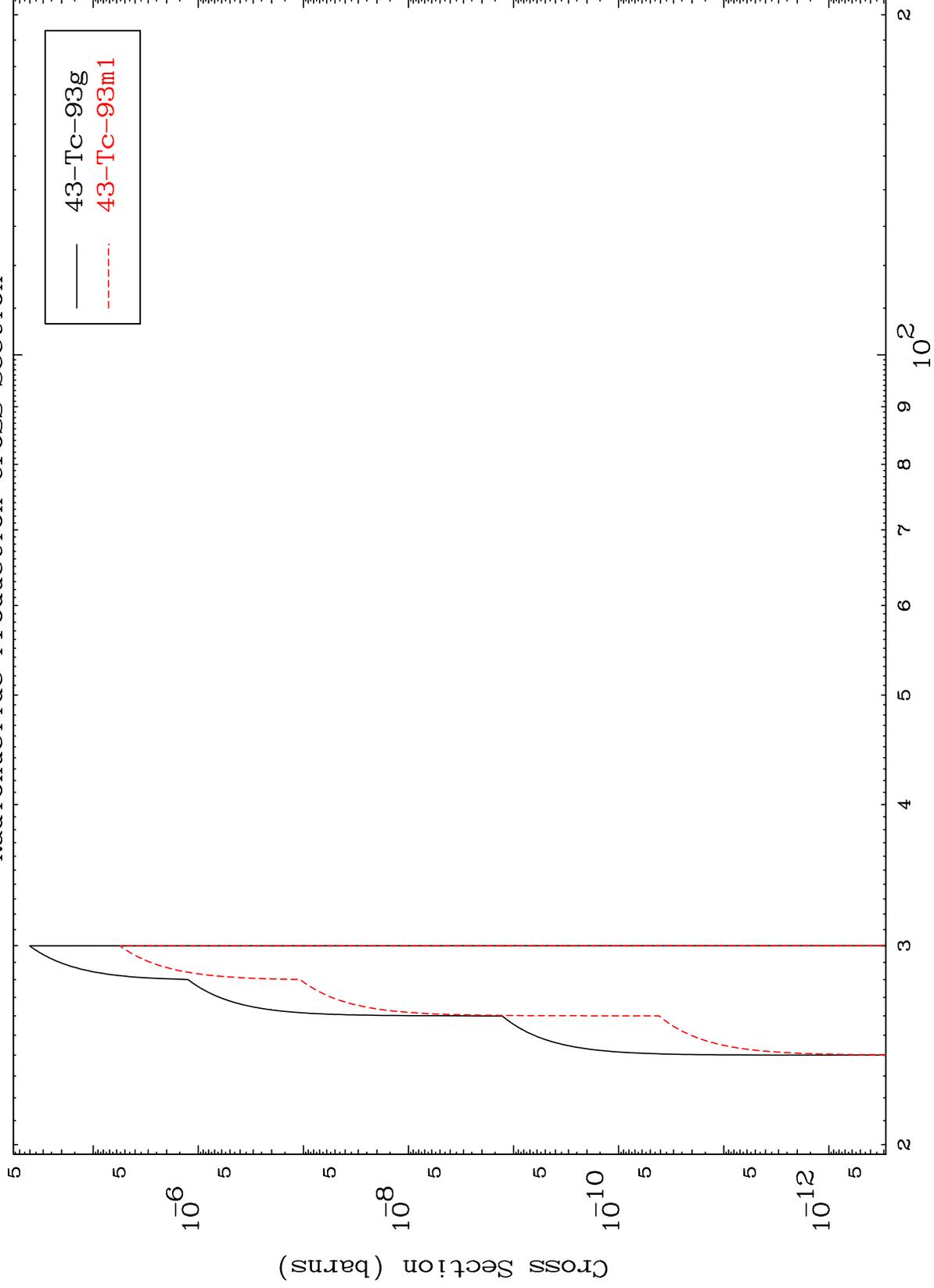
43-Tc-93

MAT 4308

( $\alpha, p$ ) t

43-Tc-93

Radionuclide Production Cross Section



22

Incident Energy (MeV)

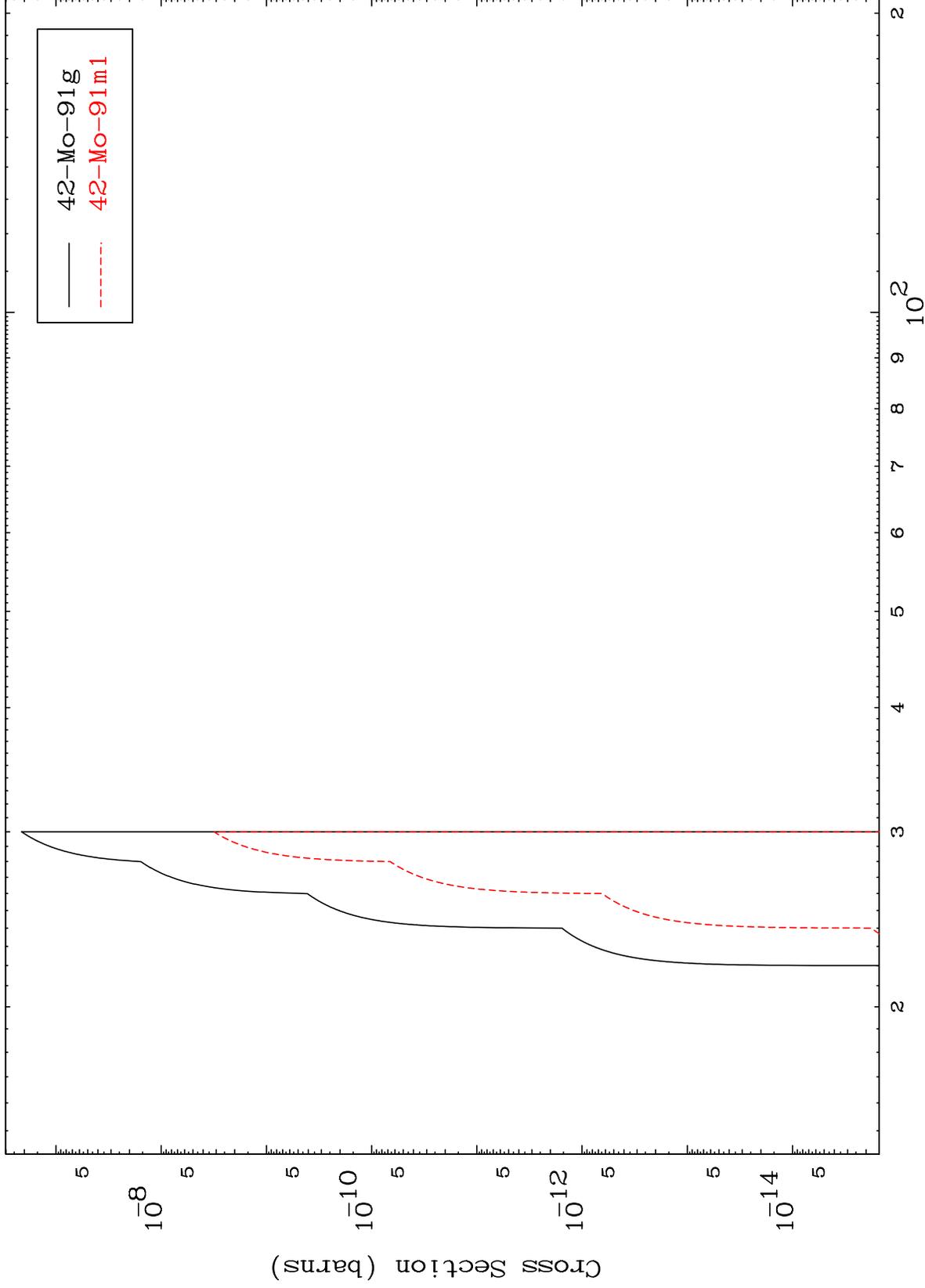
43-Tc-93

MAT 4308

( $\alpha, d$ )  $\alpha$

43-Tc-93

Radionuclide Production Cross Section



23

Incident Energy (MeV)

43-Tc-93