

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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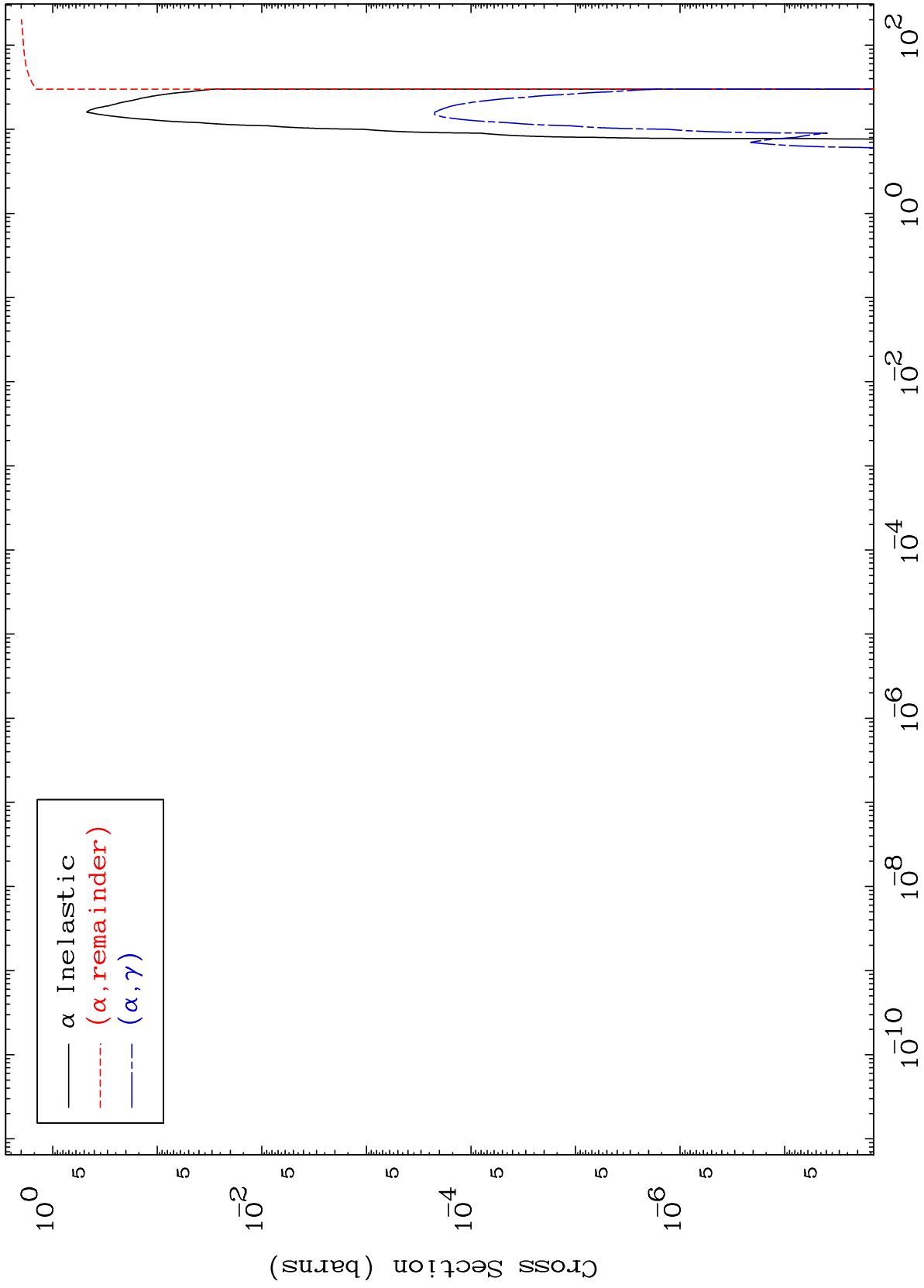
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4319

0 Kelvin  $\alpha$  Major  
Cross Sections

43-Tc-97



1

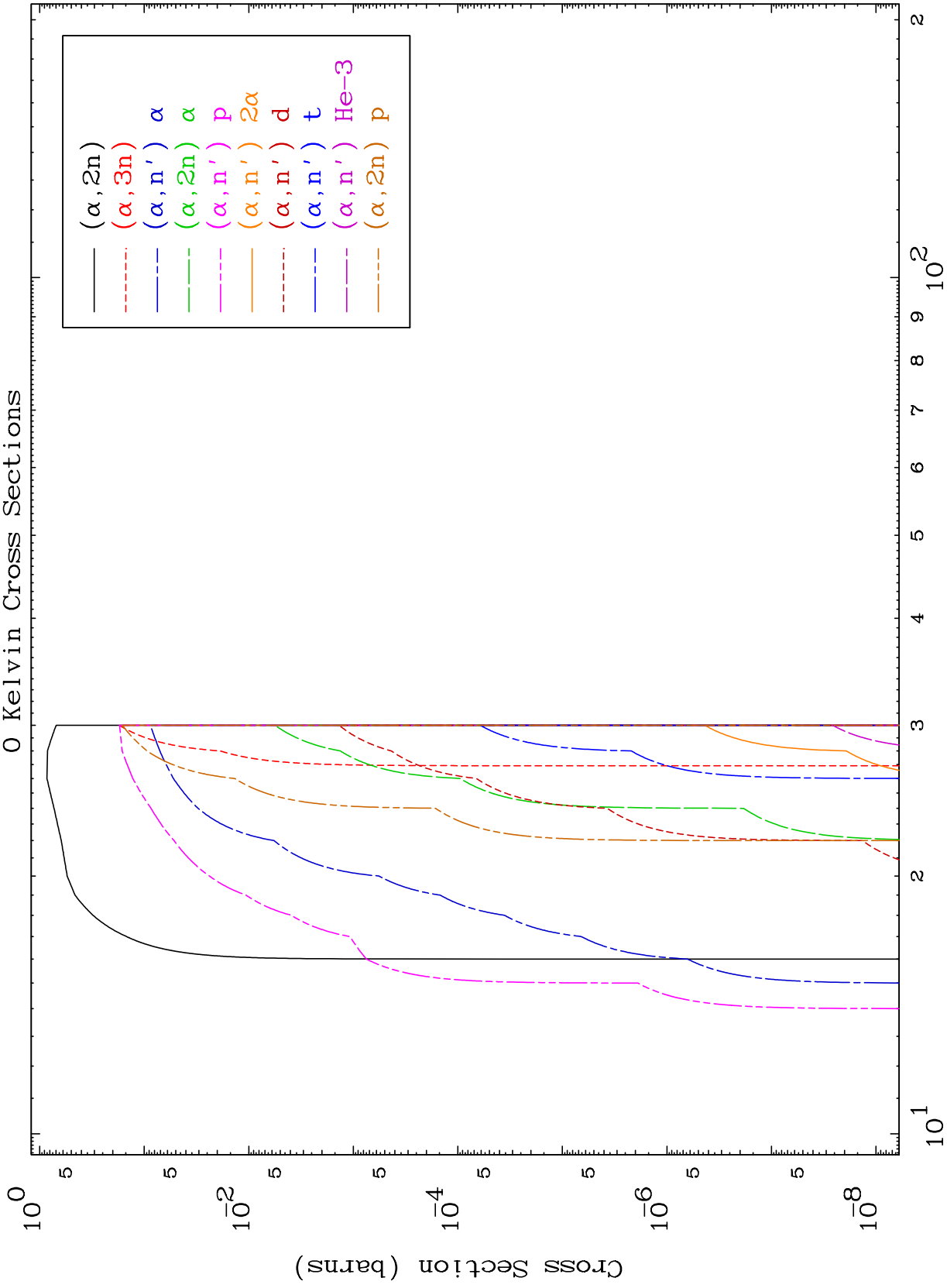
Incident Energy (MeV)

43-Tc-97

MAT 4319

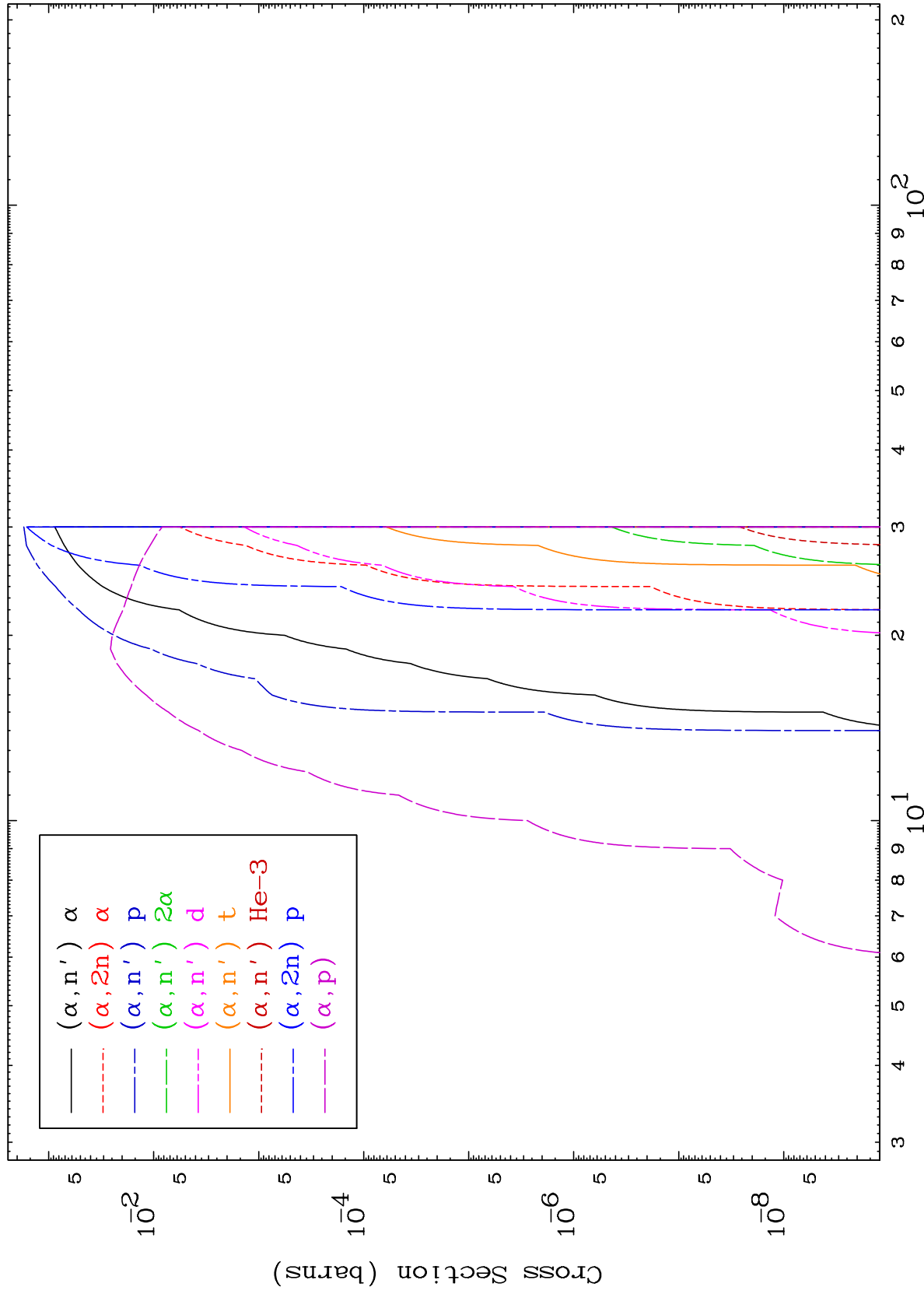
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

43-Tc-97



Incident Energy (MeV)

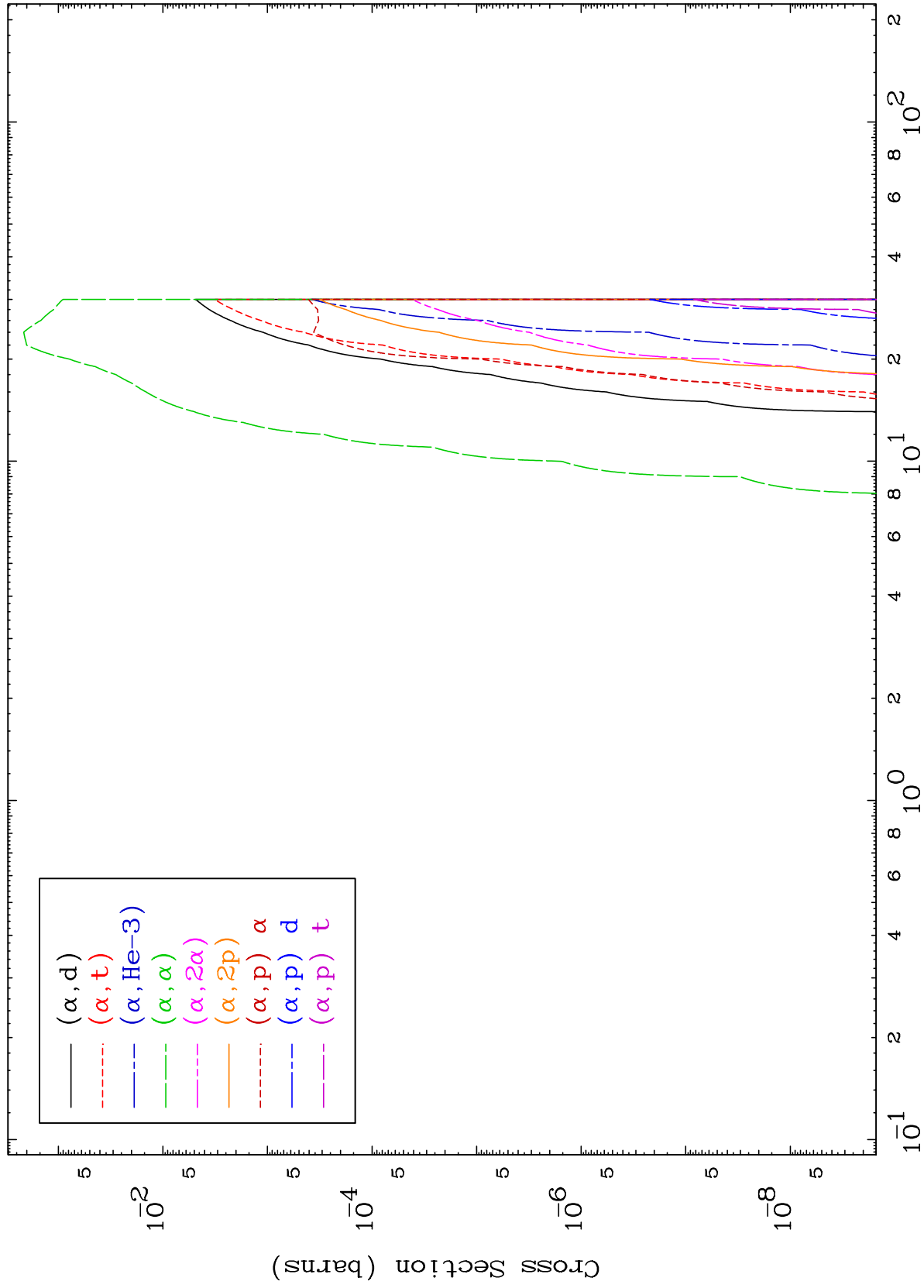
43-Tc-97



MAT 4319

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

43-Tc-97



4

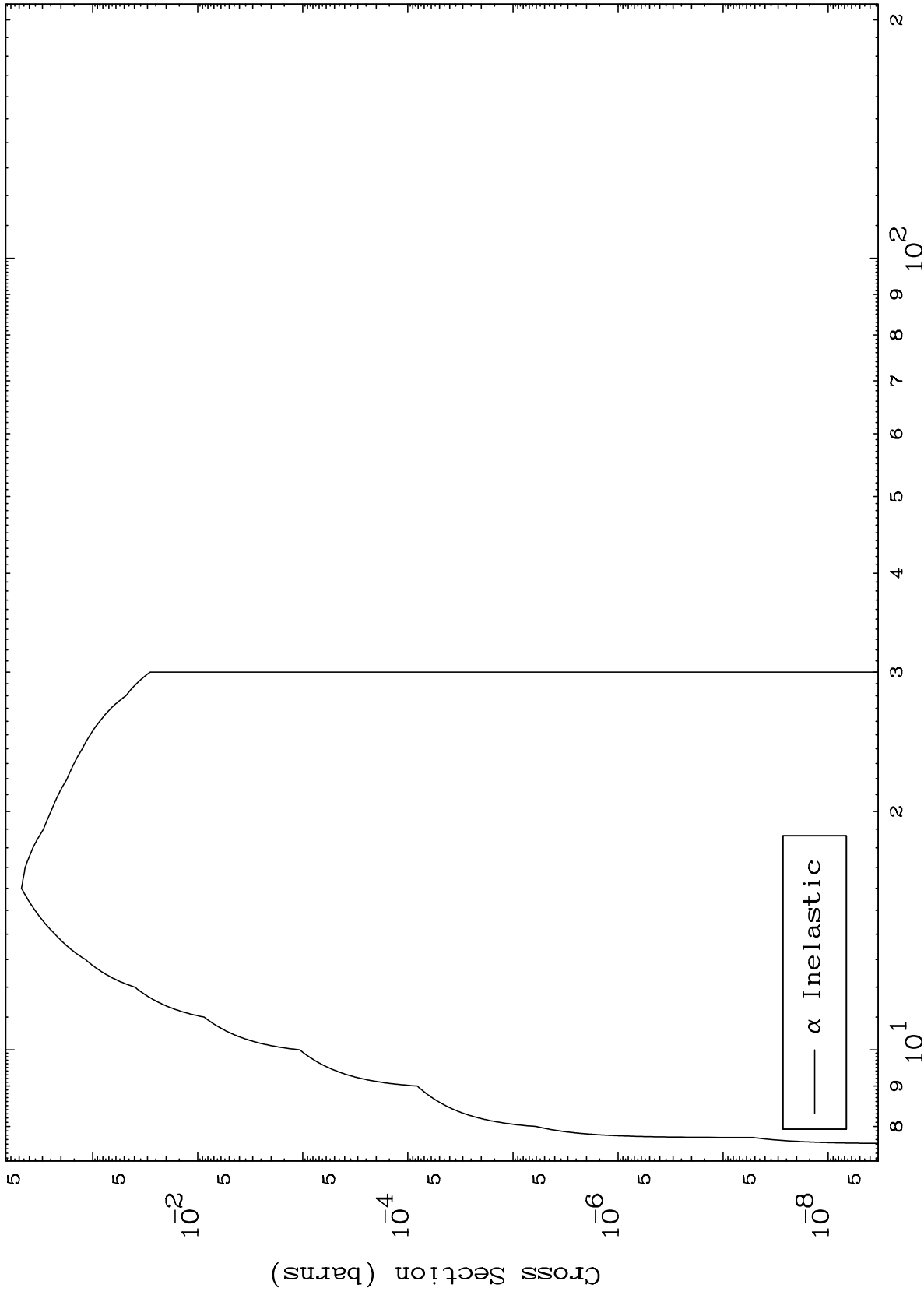
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

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



5

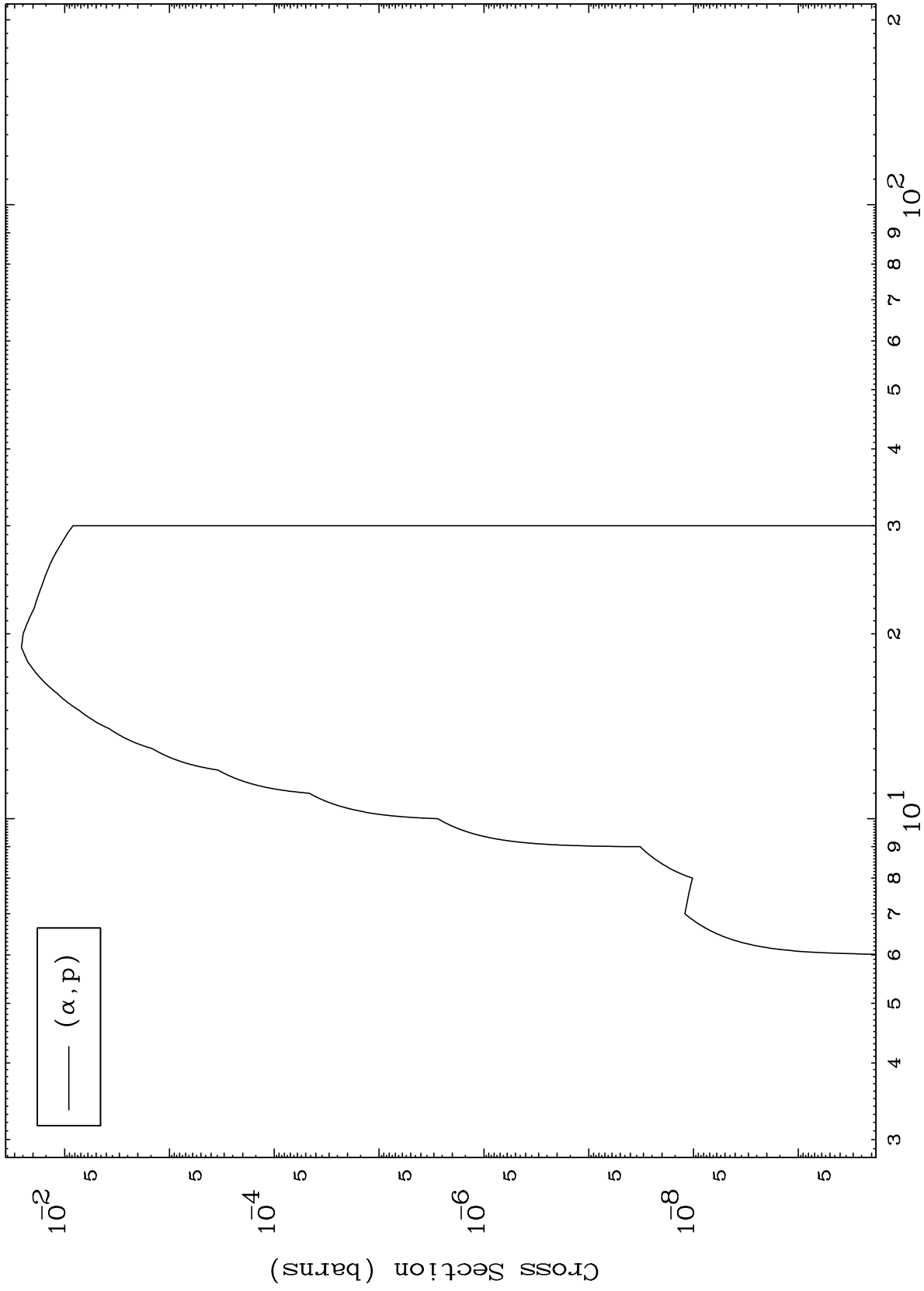
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

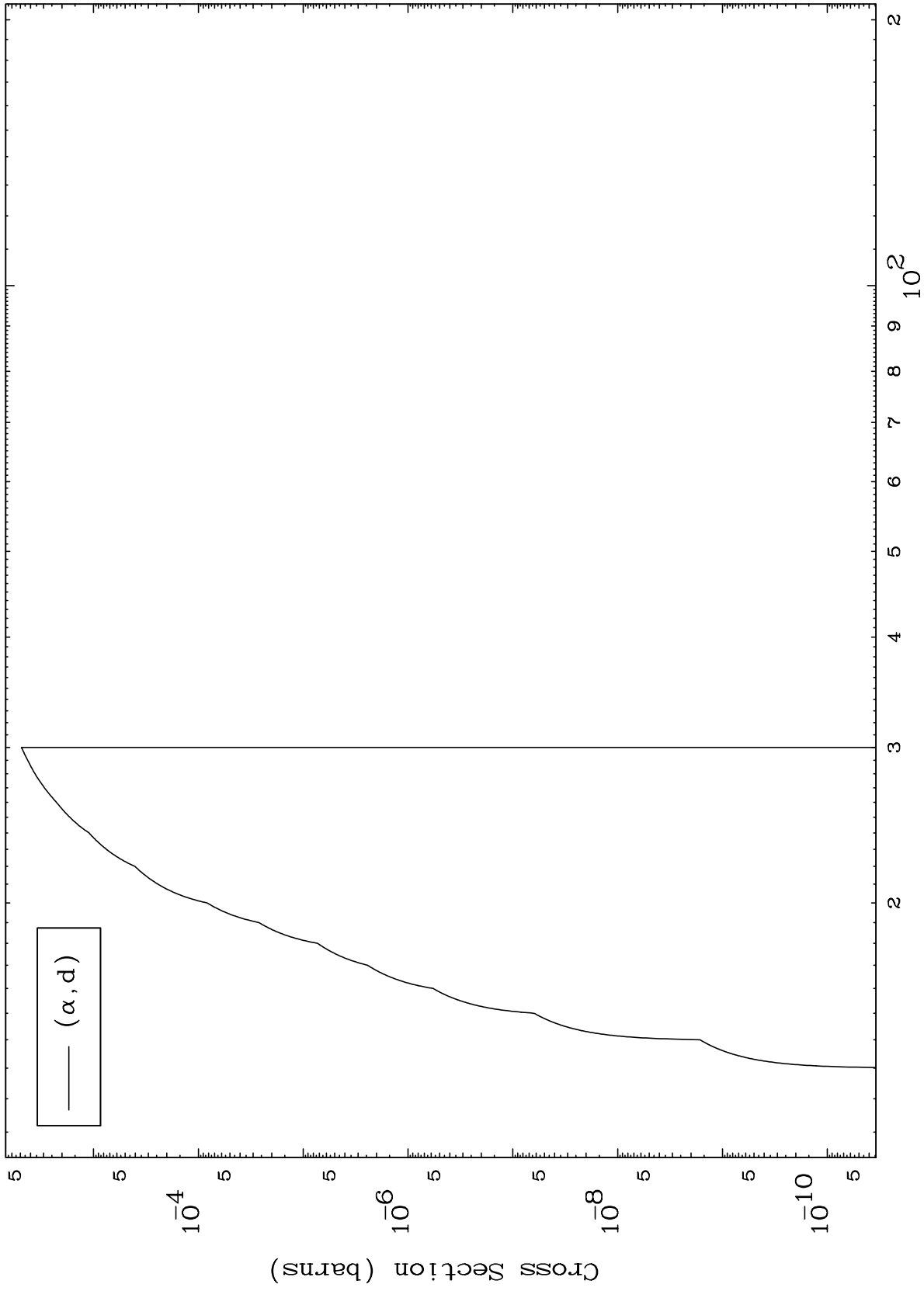
43-Tc-97



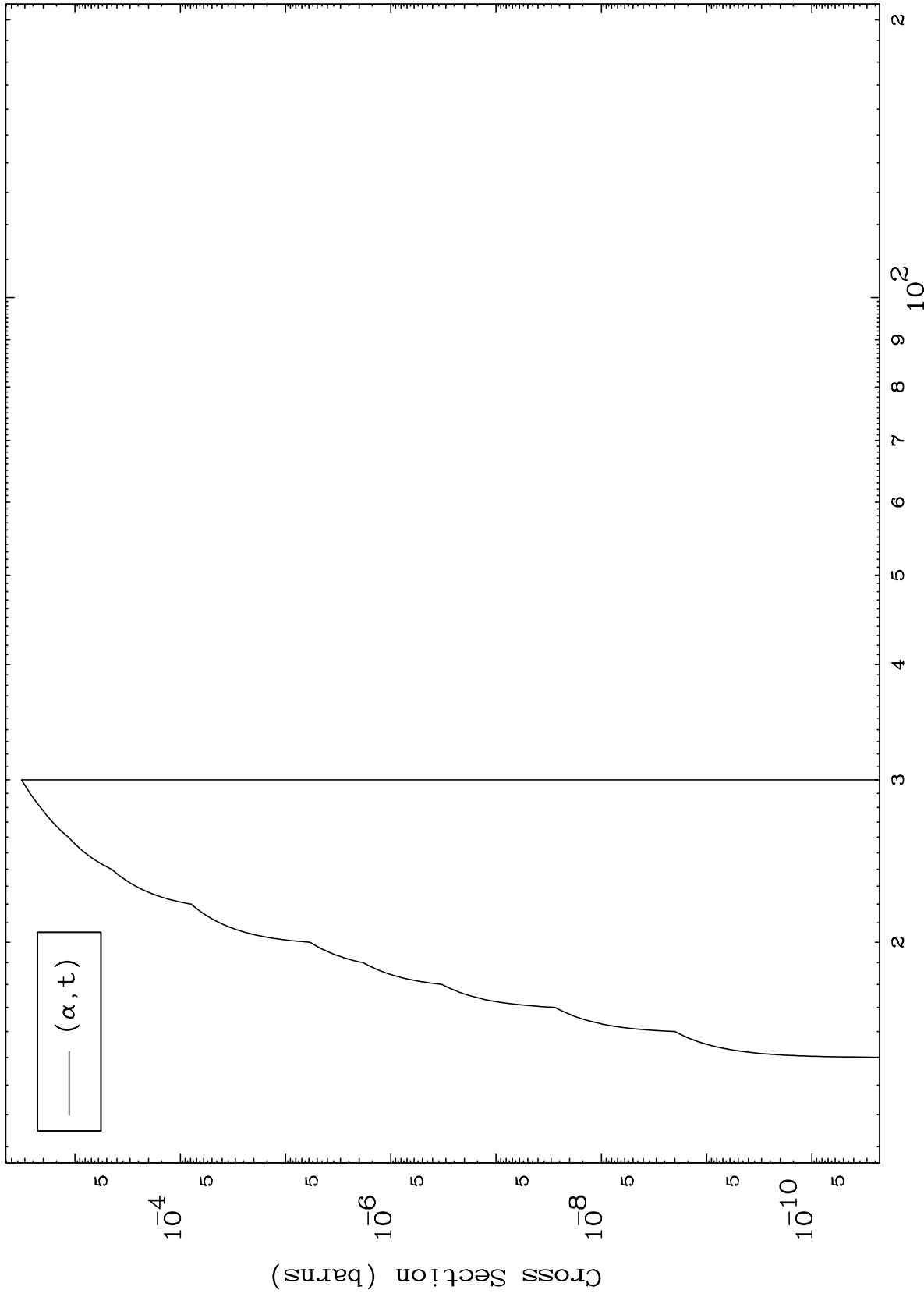
6

Incident Energy (MeV)

43-Tc-97



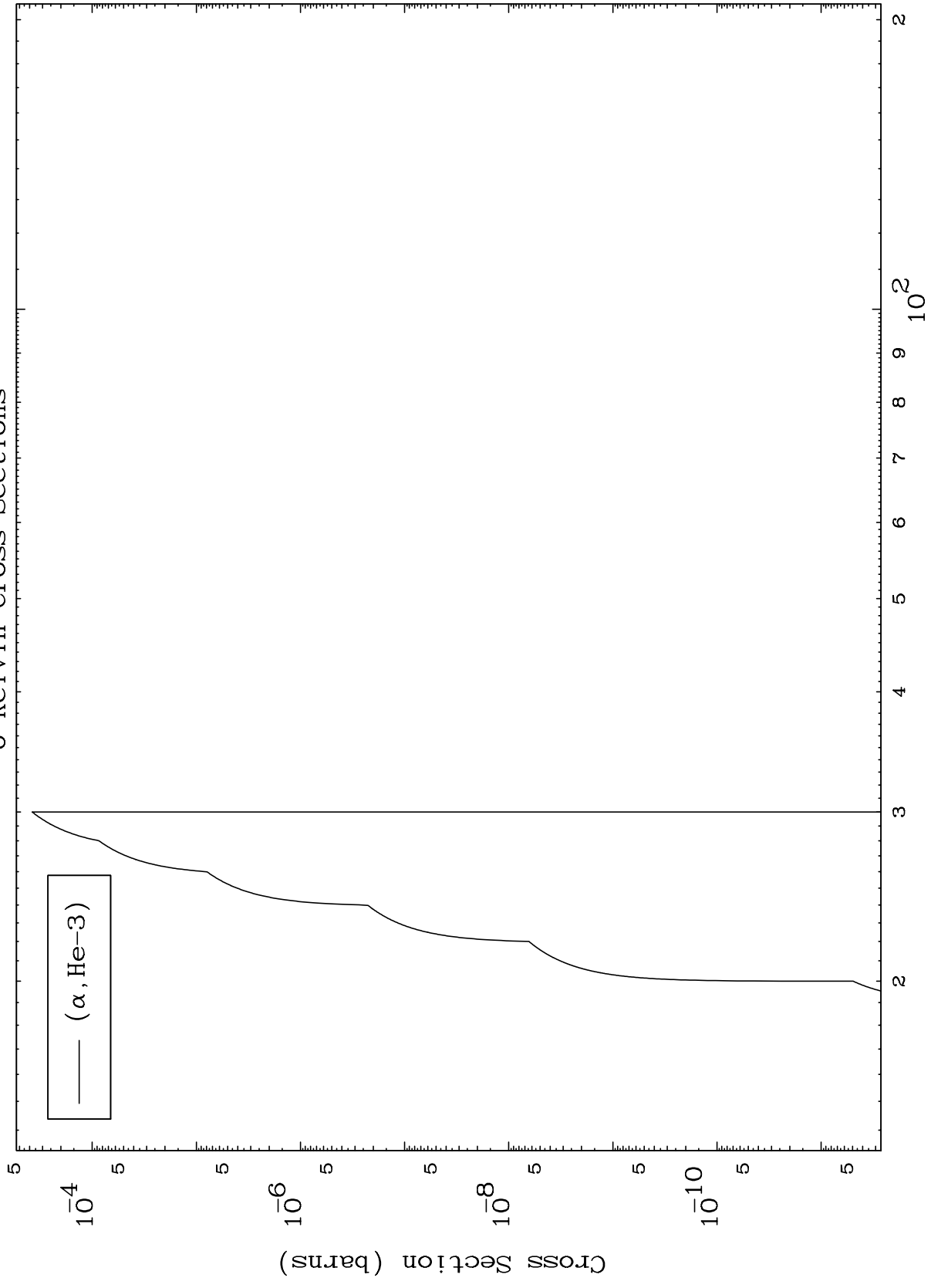




MAT 4319

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

43-Tc-97



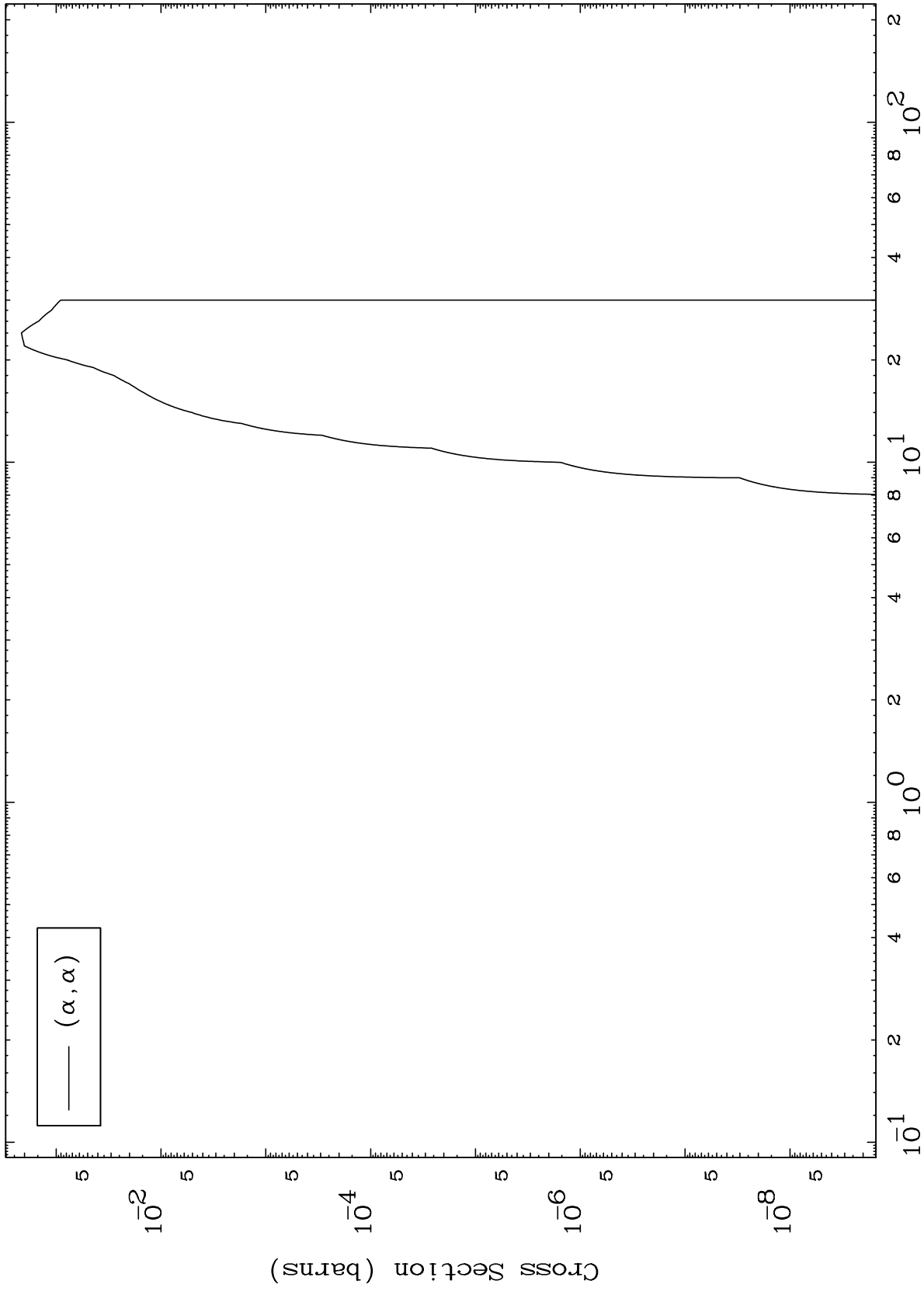
9

43-Tc-97

MAT 4319

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

43-Tc-97



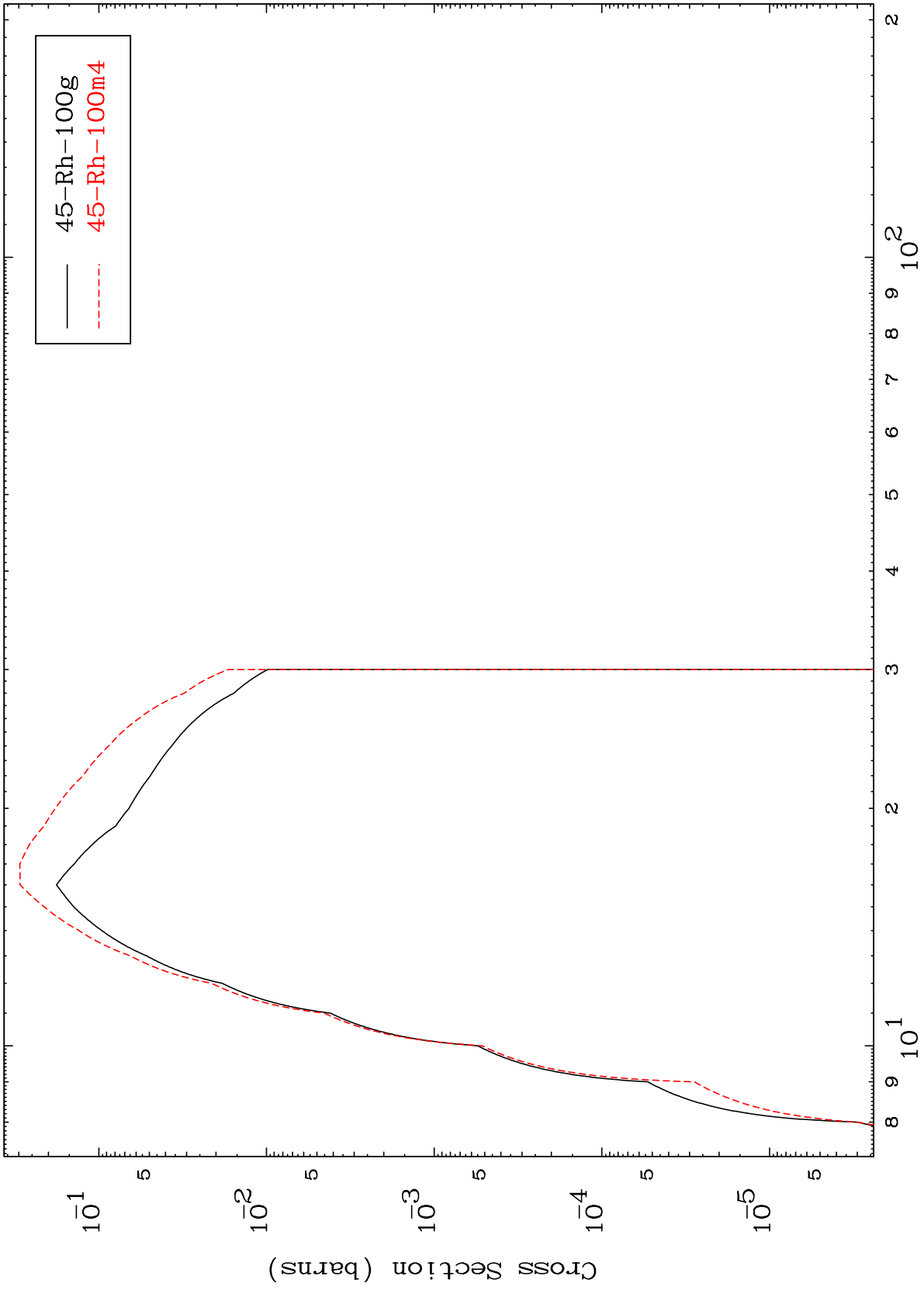
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

$\alpha$  Inelastic  
Radionuclide Production Cross Section



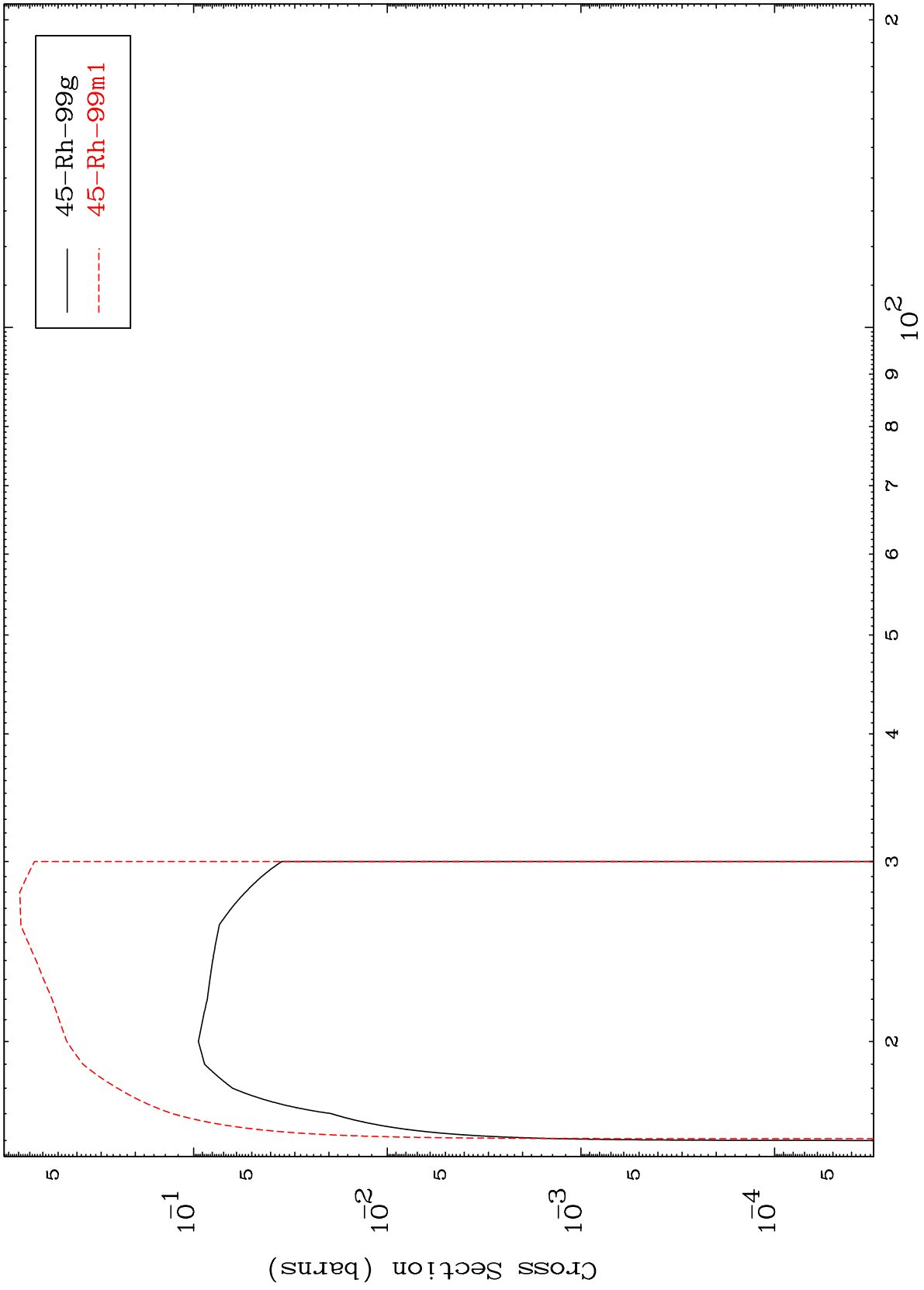
11

43-Tc-97

MAT 4319

43-Tc-97

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



12

Incident Energy (MeV)

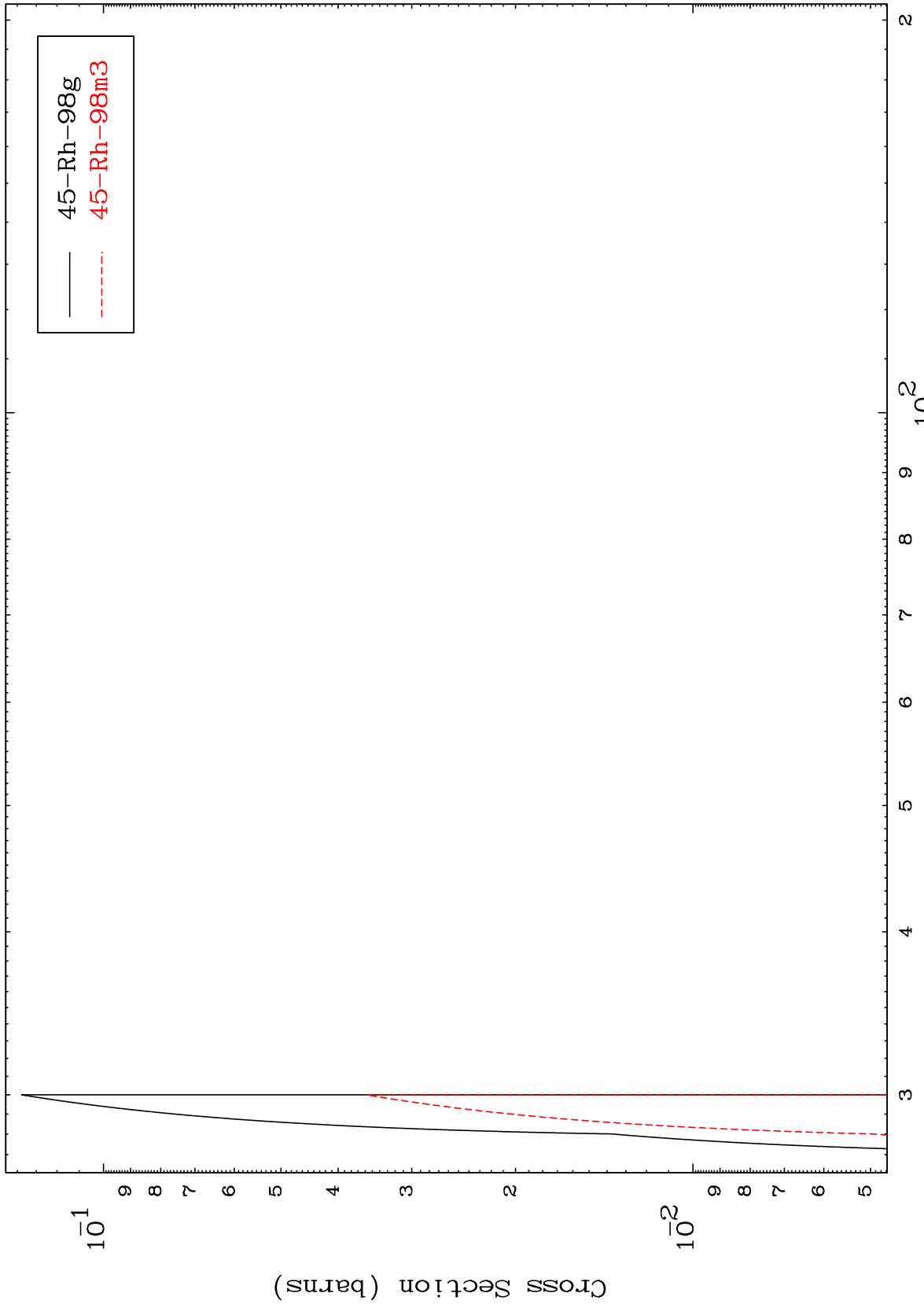
43-Tc-97

MAT 4319

( $\alpha, 3n$ )

43-Tc-97

Radionuclide Production Cross Section



13

Incident Energy (MeV)

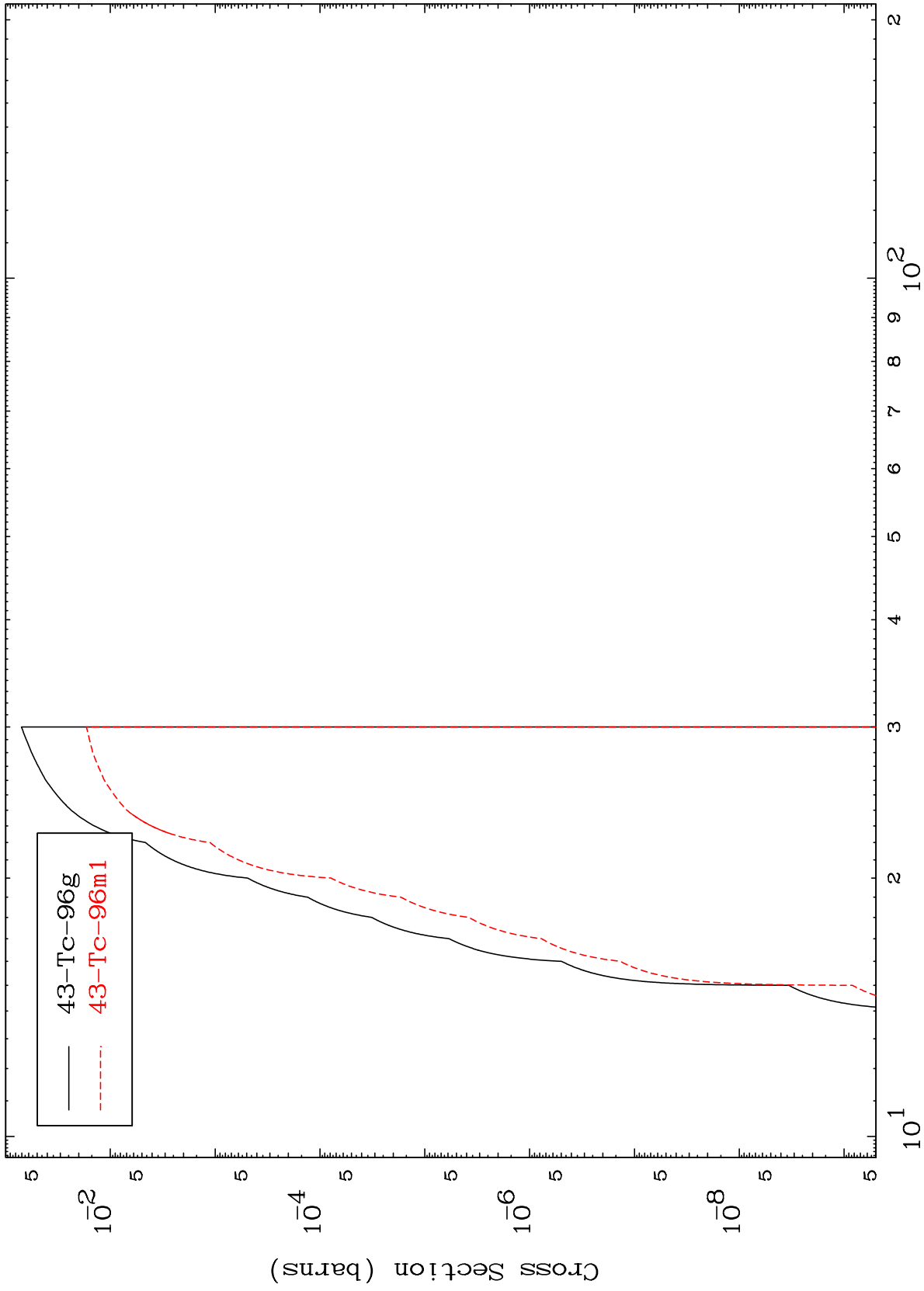
43-Tc-97

MAT 4319

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

43-Tc-97

Radionuclide Production Cross Section



14

Incident Energy (MeV)

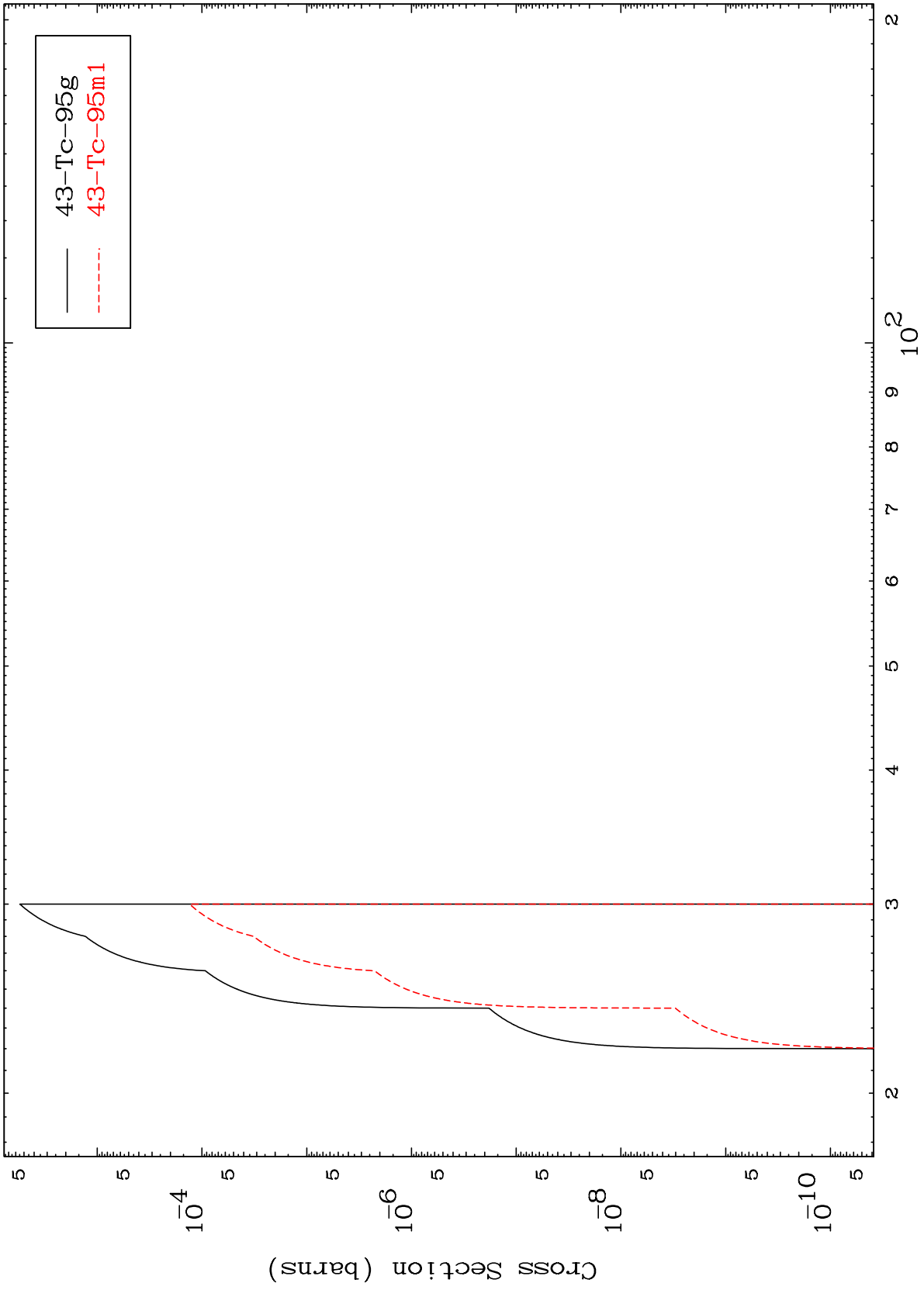
43-Tc-97

MAT 4319

( $\alpha, 2n$ )  $\alpha$

43-Tc-97

Radionuclide Production Cross Section



15

Incident Energy (MeV)

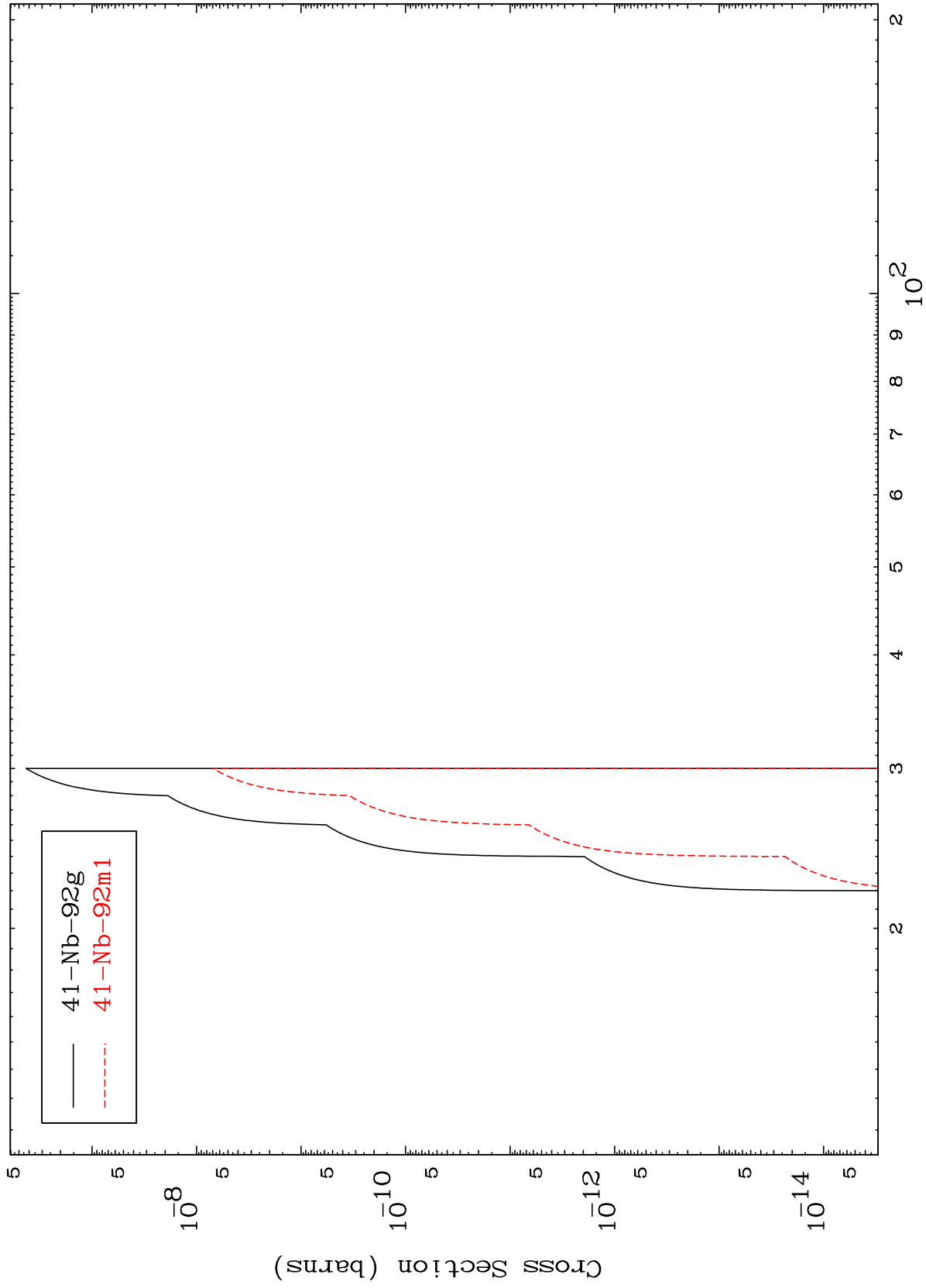
43-Tc-97



MAT 4319

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

43-Tc-97



16

Incident Energy (MeV)

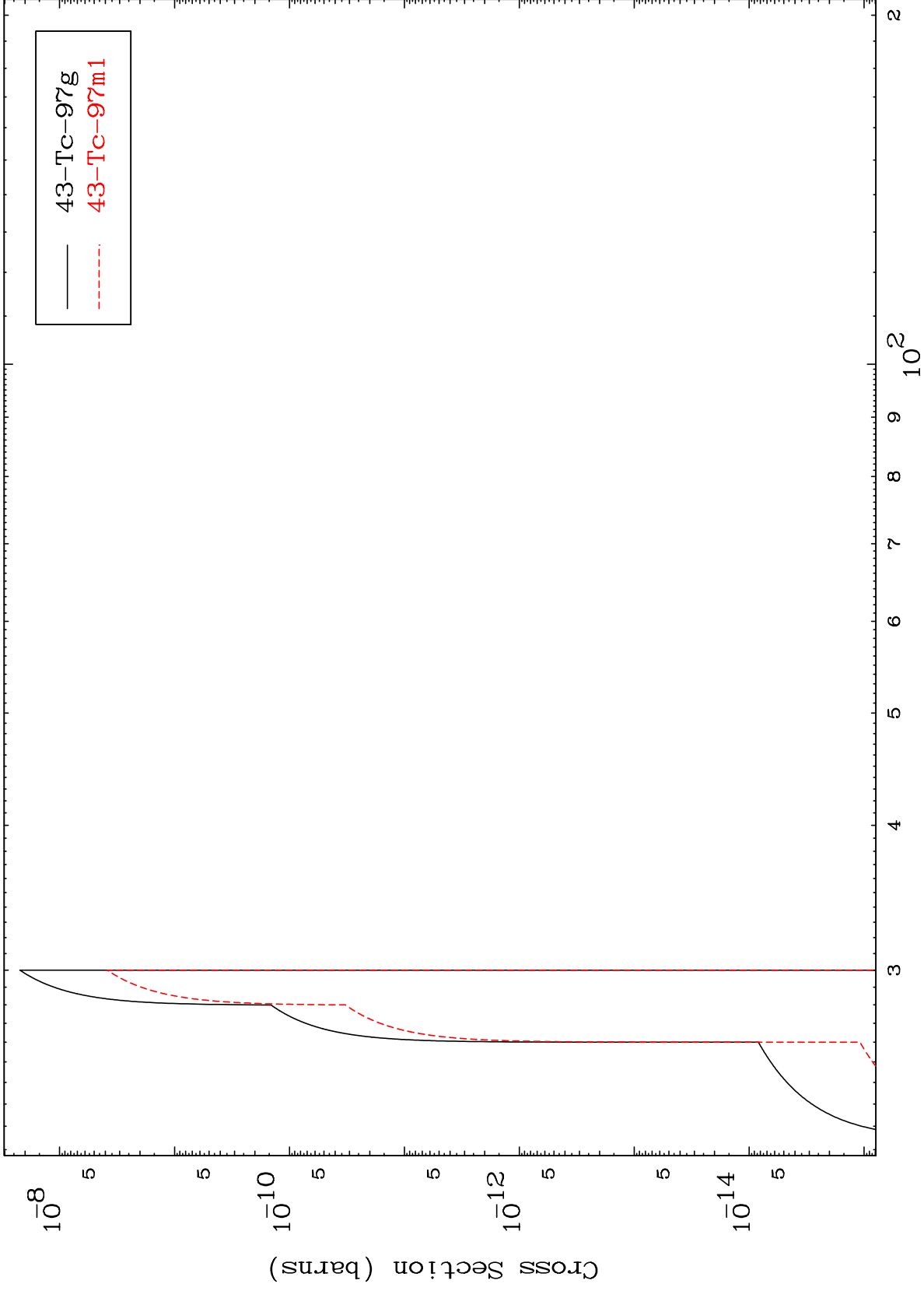
43-Tc-97

MAT 4319

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

43-Tc-97

Radionuclide Production Cross Section



17

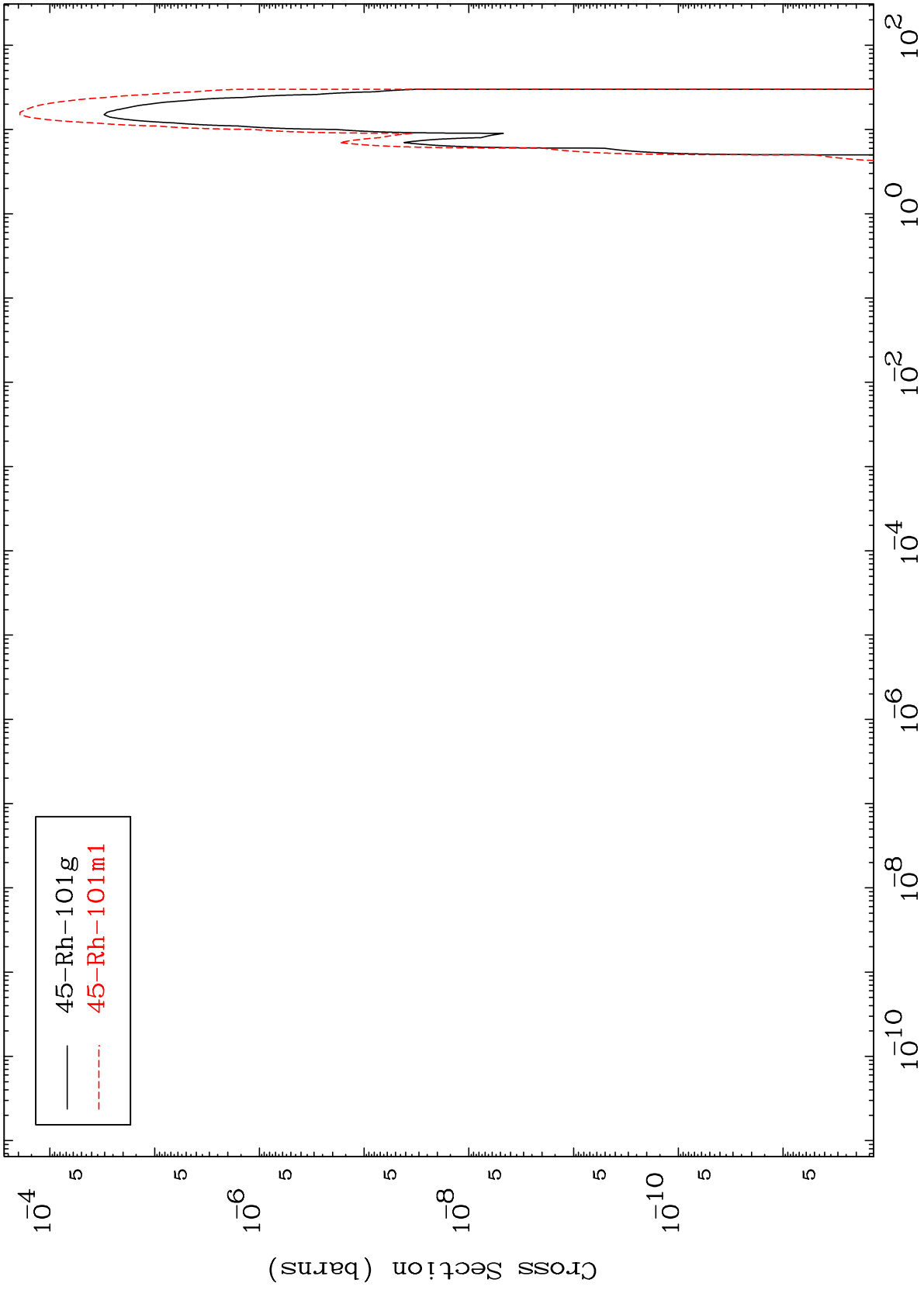
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97

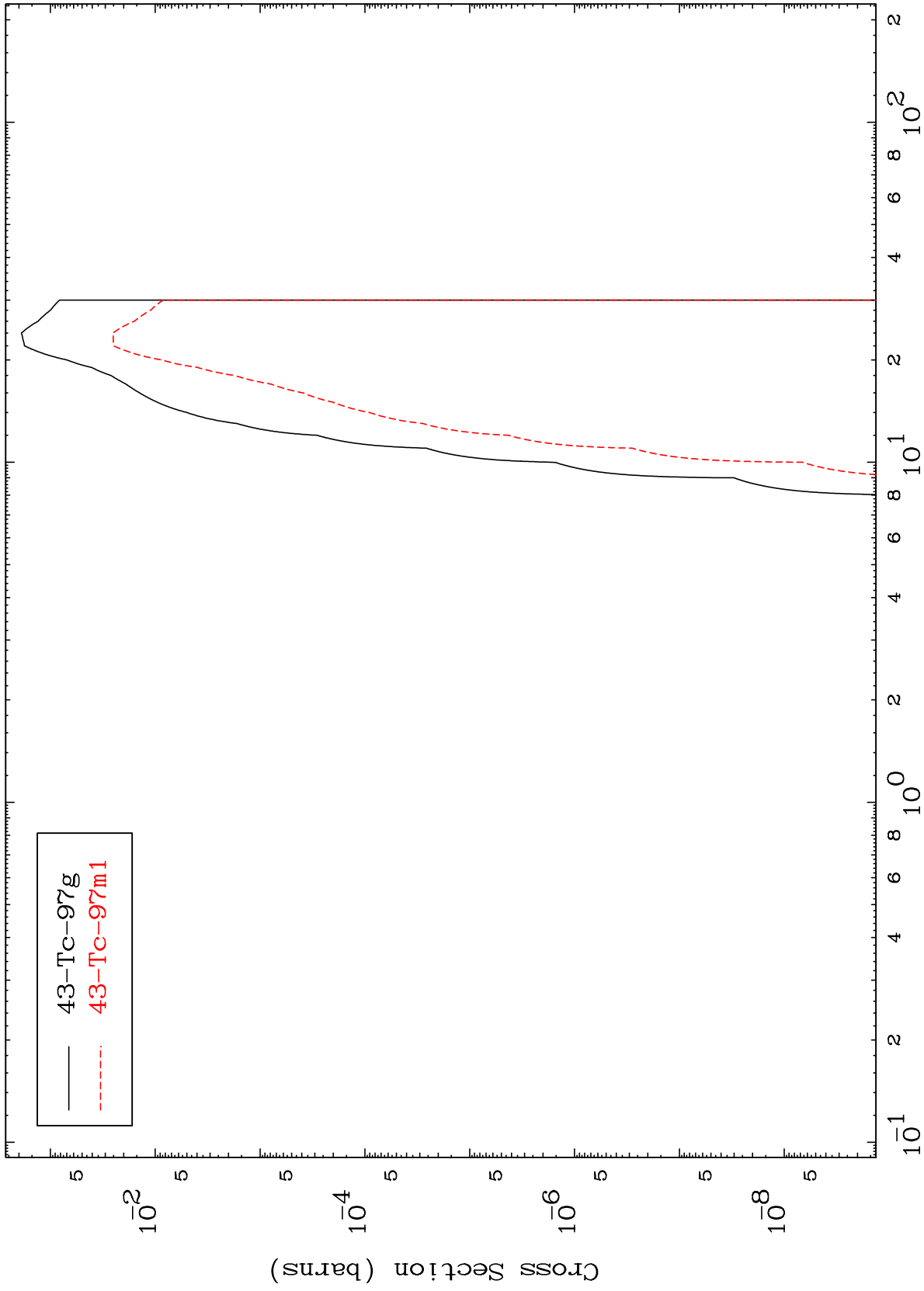


MAT 4319

( $\alpha, \alpha$ )

<sup>43</sup>Tc-97

Radionuclide Production Cross Section



19

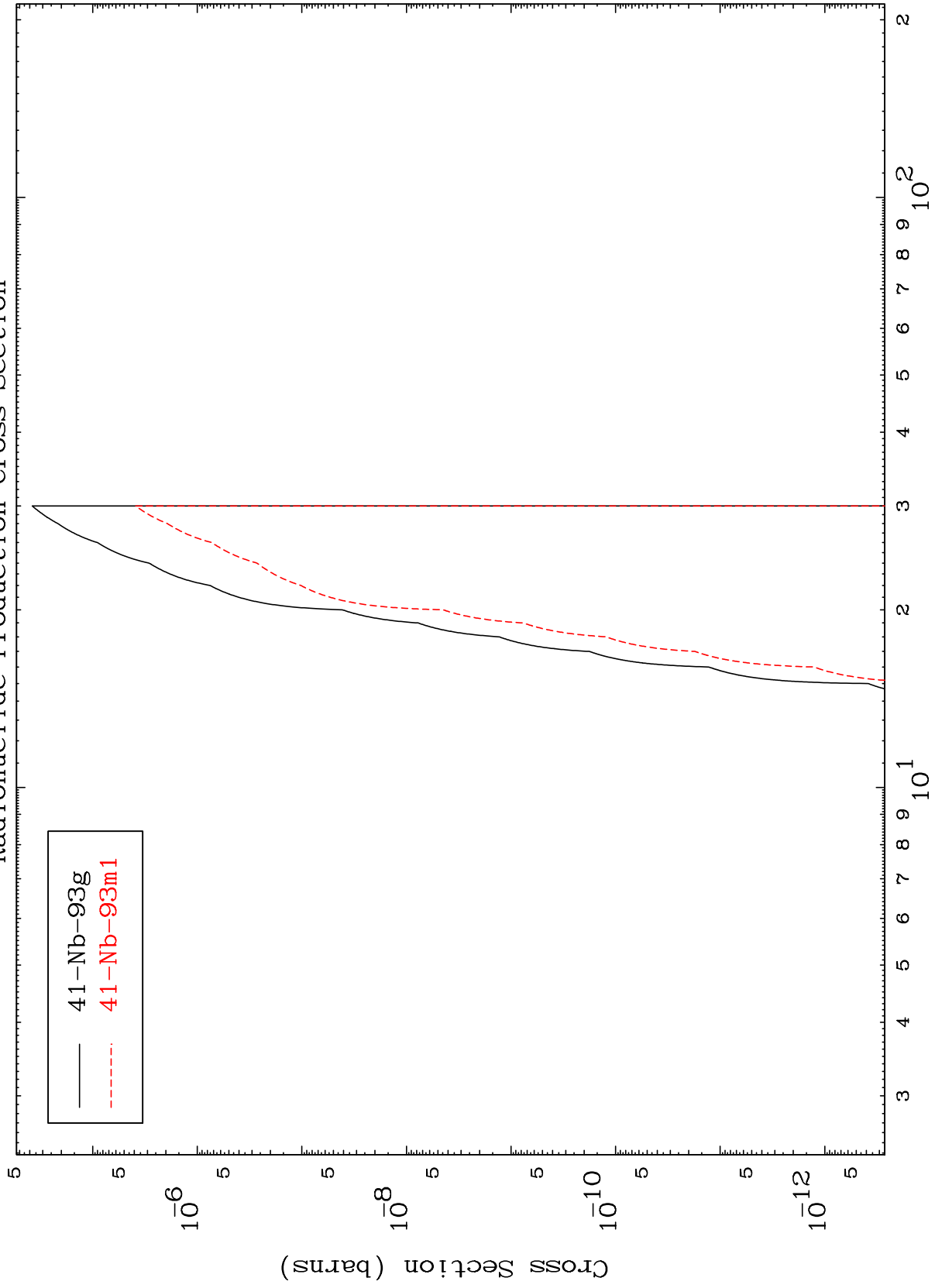
Incident Energy (MeV)

<sup>43</sup>Tc-97

MAT 4319

43-Tc-97

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



20

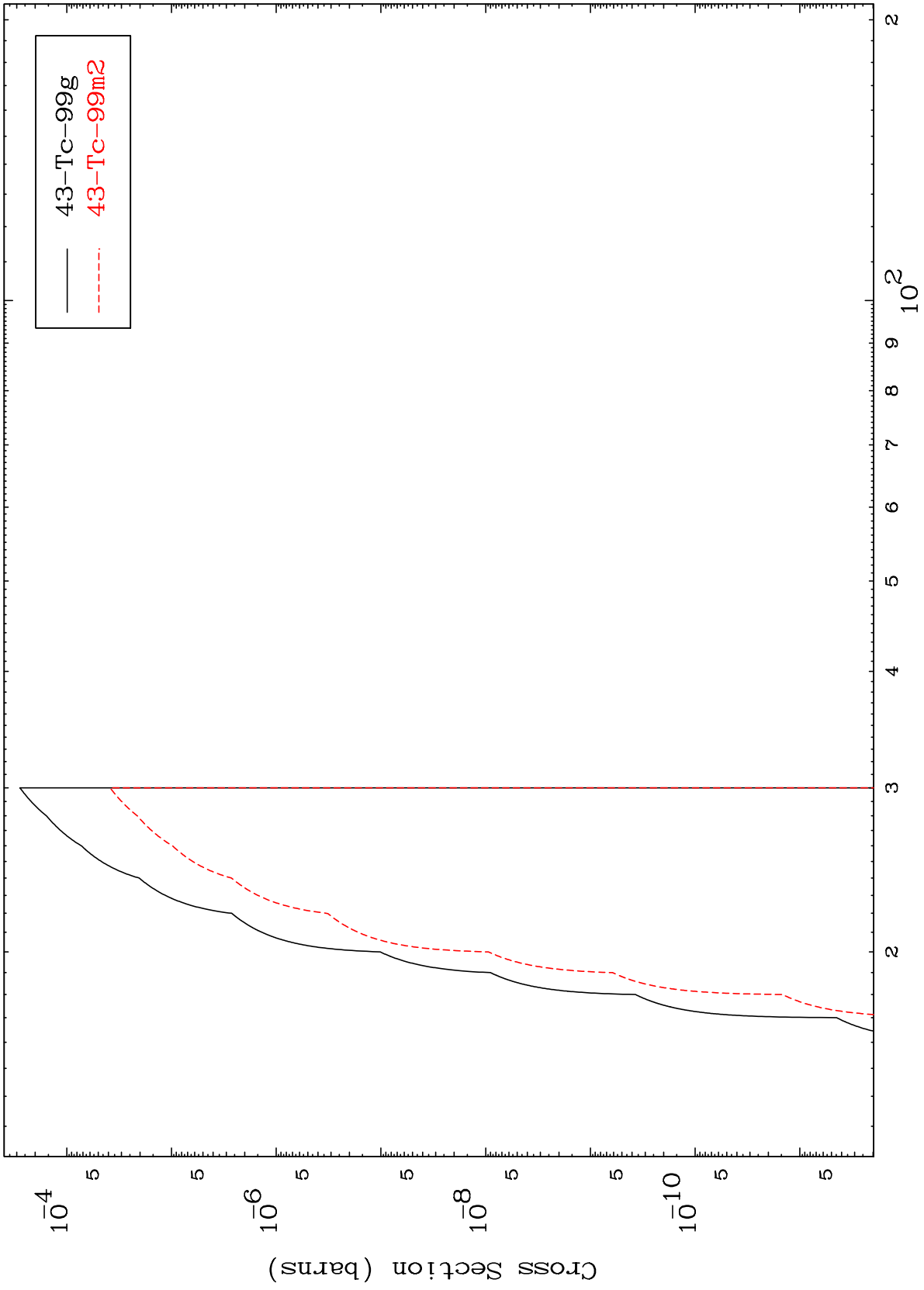
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

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



21

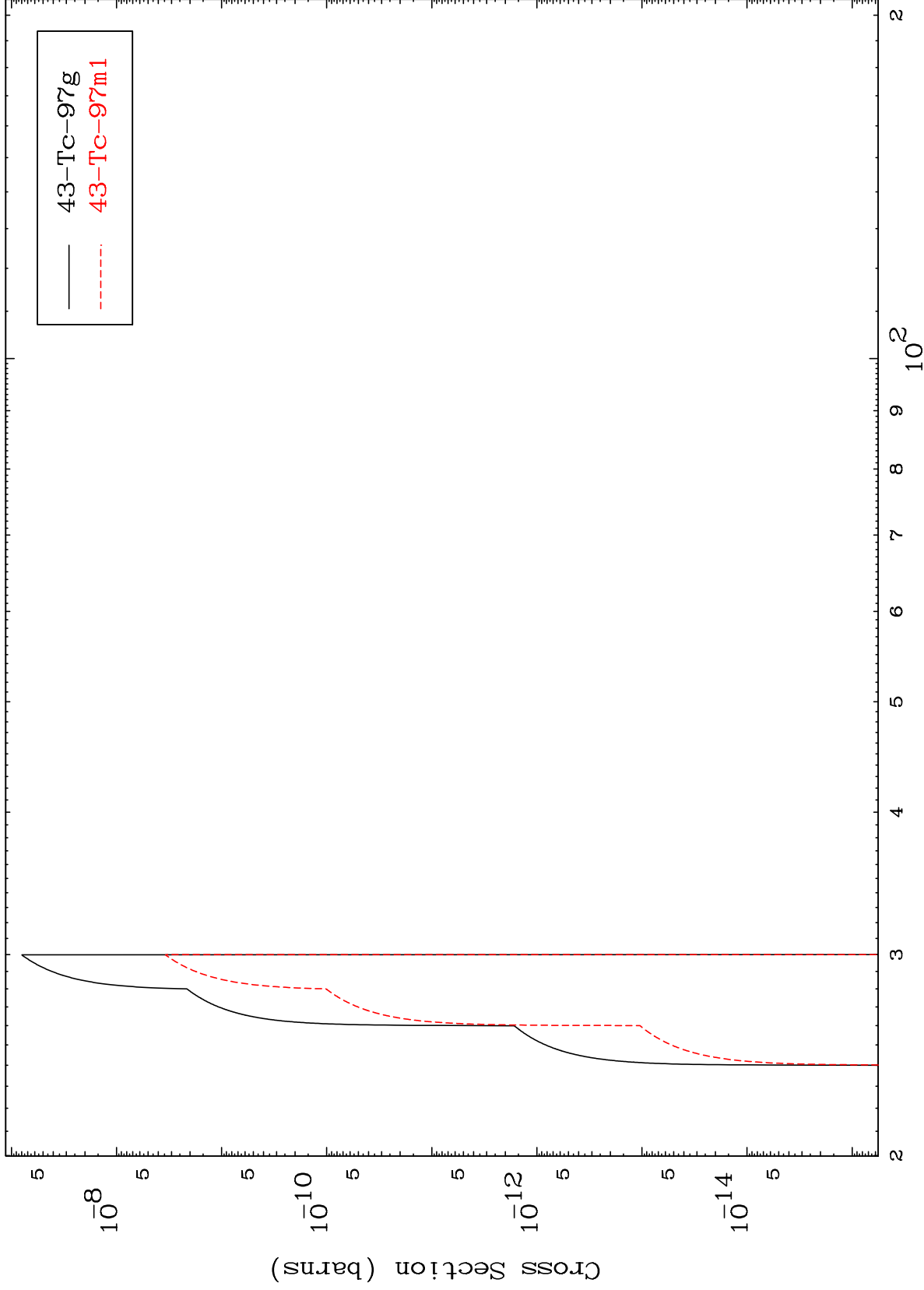
43-Tc-97

MAT 4319

( $\alpha, p$ ) t

43-Tc-97

Radionuclide Production Cross Section



22

Incident Energy (MeV)

43-Tc-97