

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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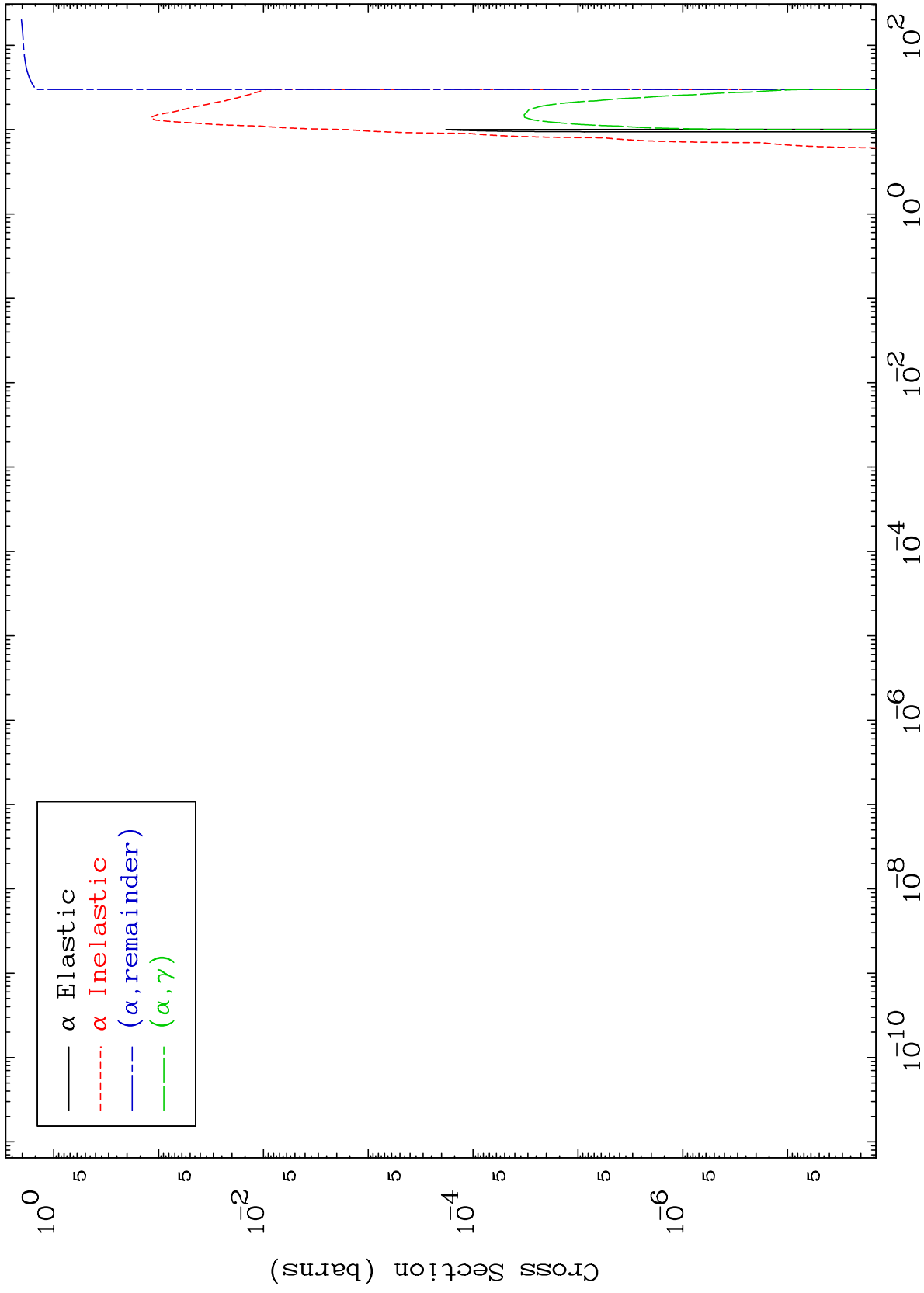
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4331

0 Kelvin  $\alpha$  Major

43-Tc-101



1

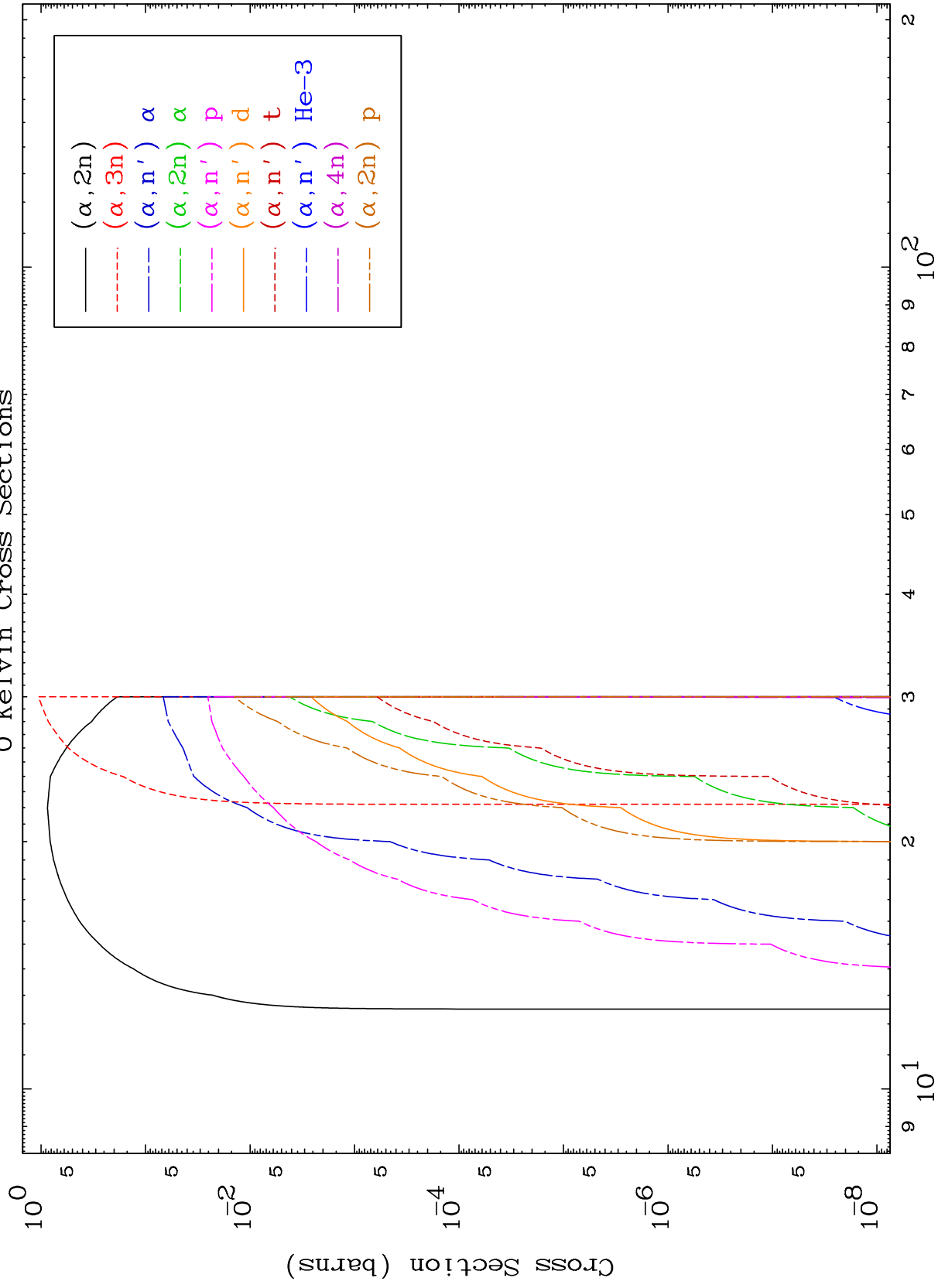
Incident Energy (MeV)

43-Tc-101

MAT 4331

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

43-Tc-101



2

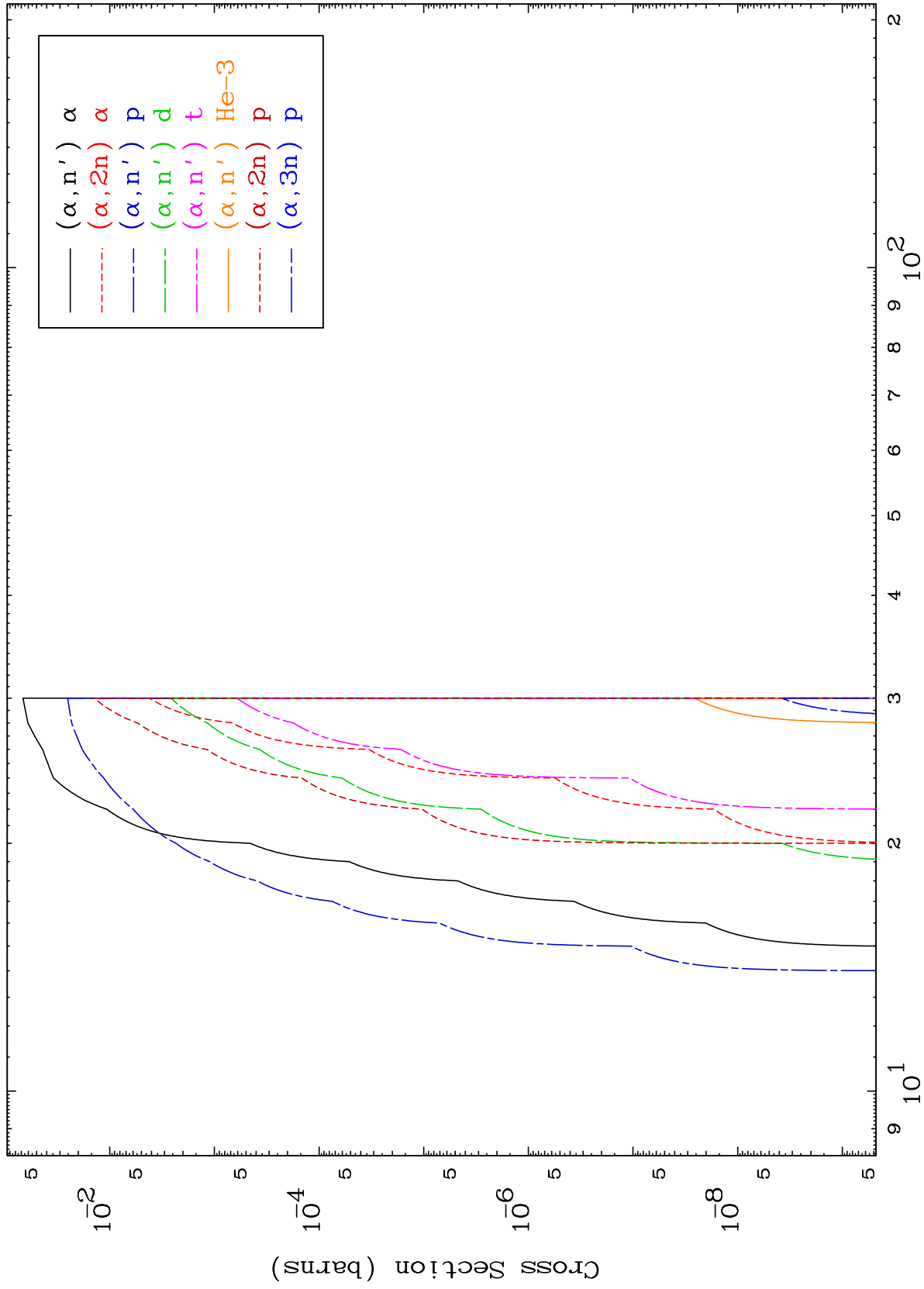
Incident Energy (MeV)

43-Tc-101

MAT 4331

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

43-Tc-101



3

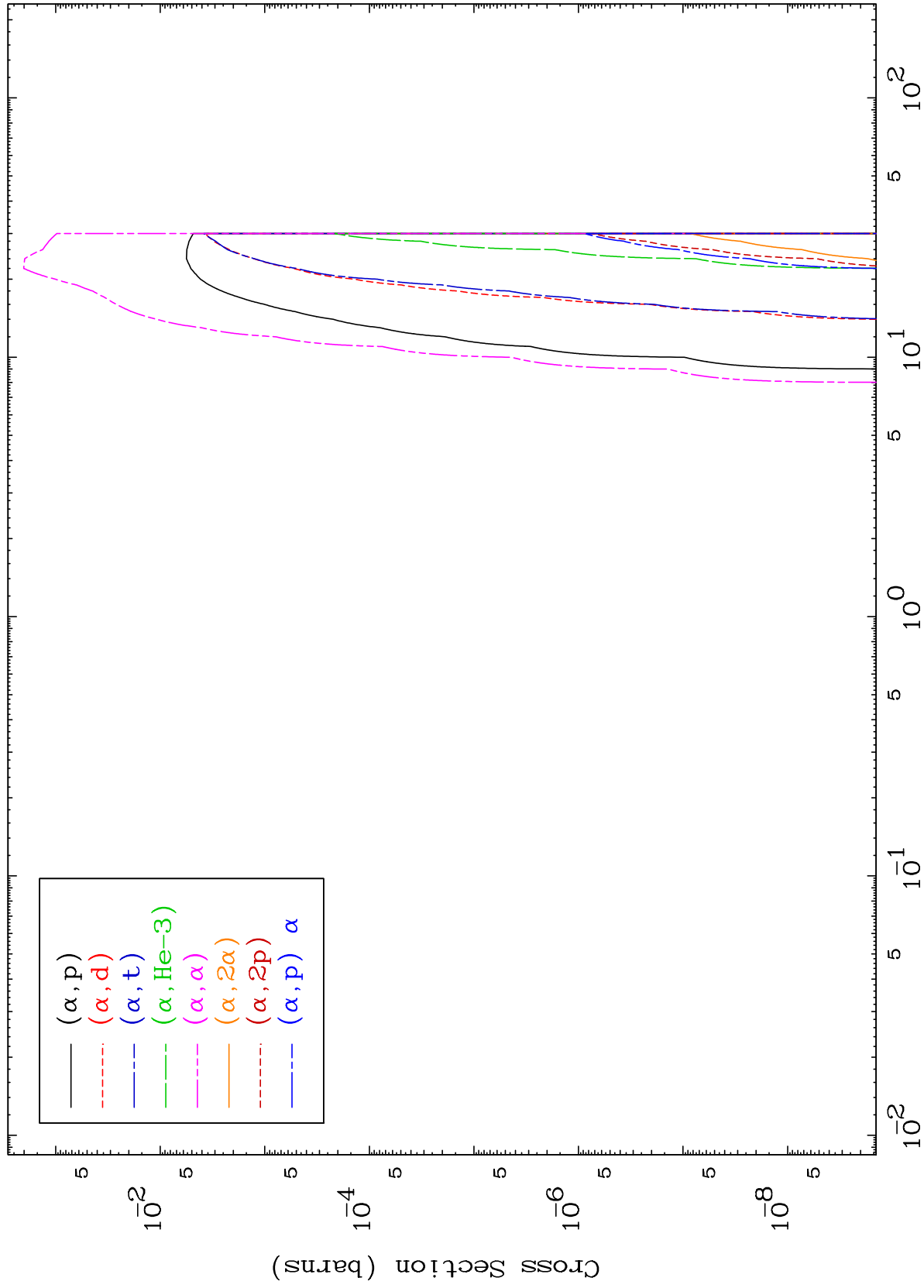
Incident Energy (MeV)

43-Tc-101

MAT 4331

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

43-Tc-101



43-Tc-101

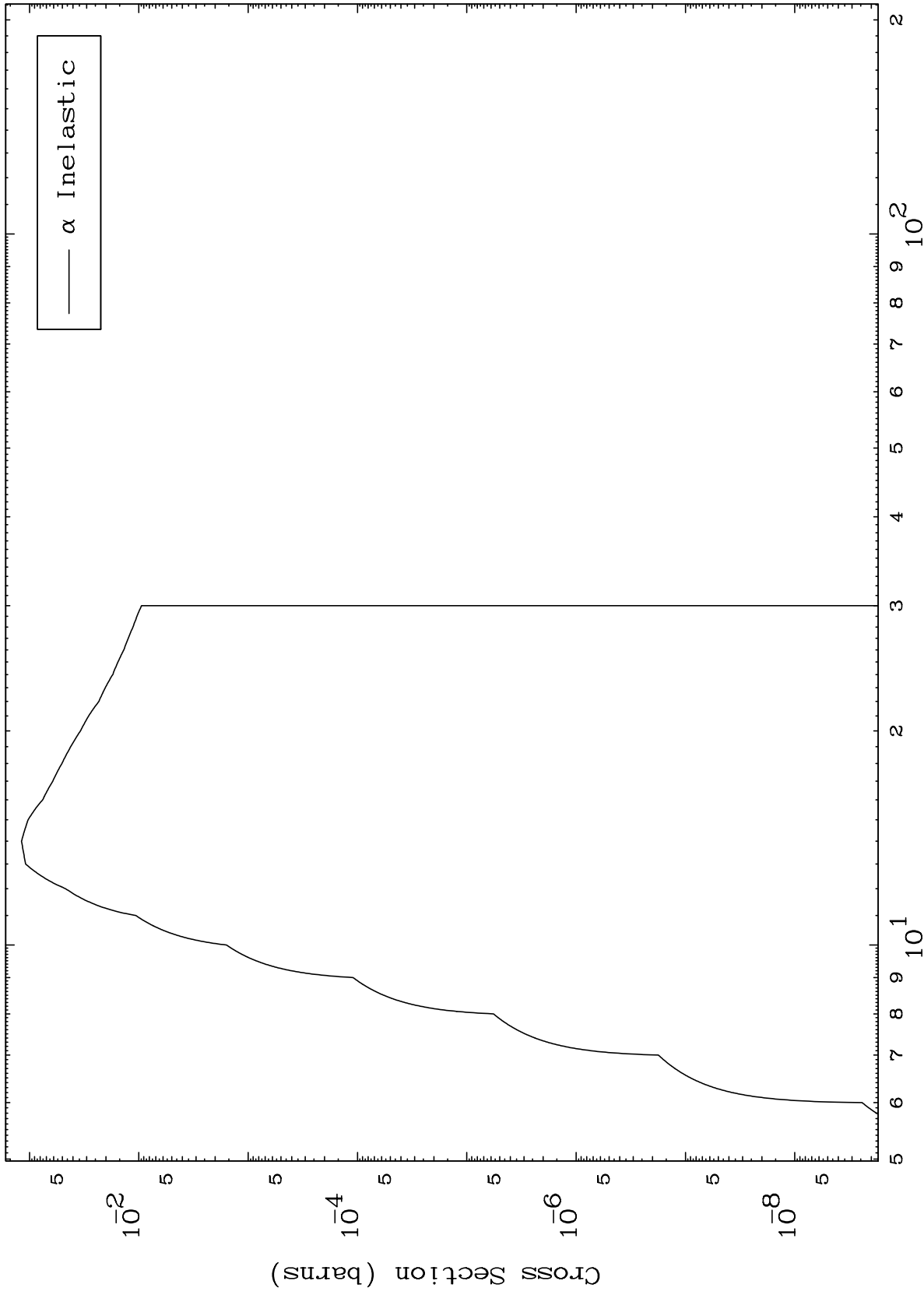
Incident Energy (MeV)

4

MAT 4331

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

43-Tc-101



5

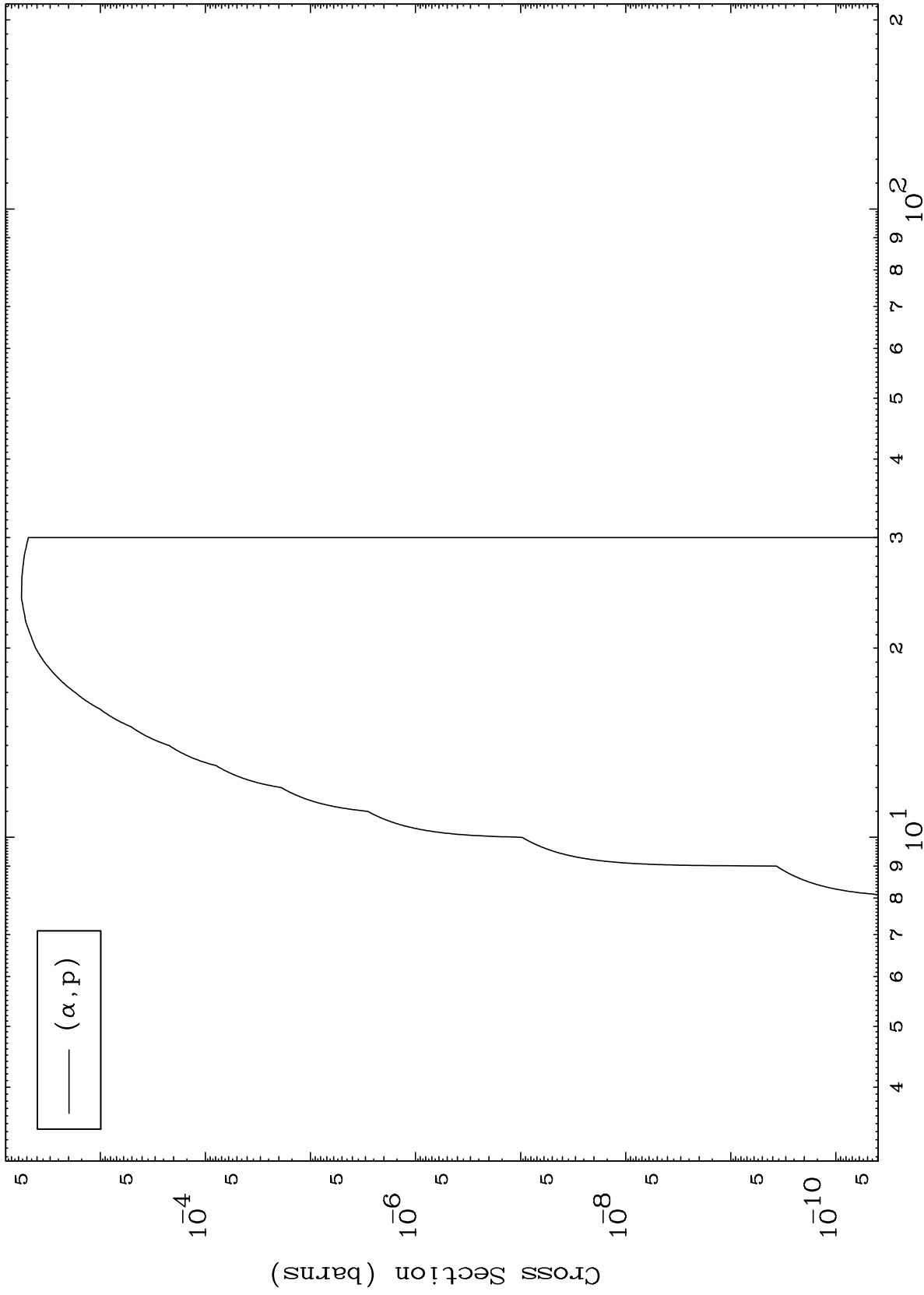
Incident Energy (MeV)

43-Tc-101

MAT 4331

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

43-Tc-101



6

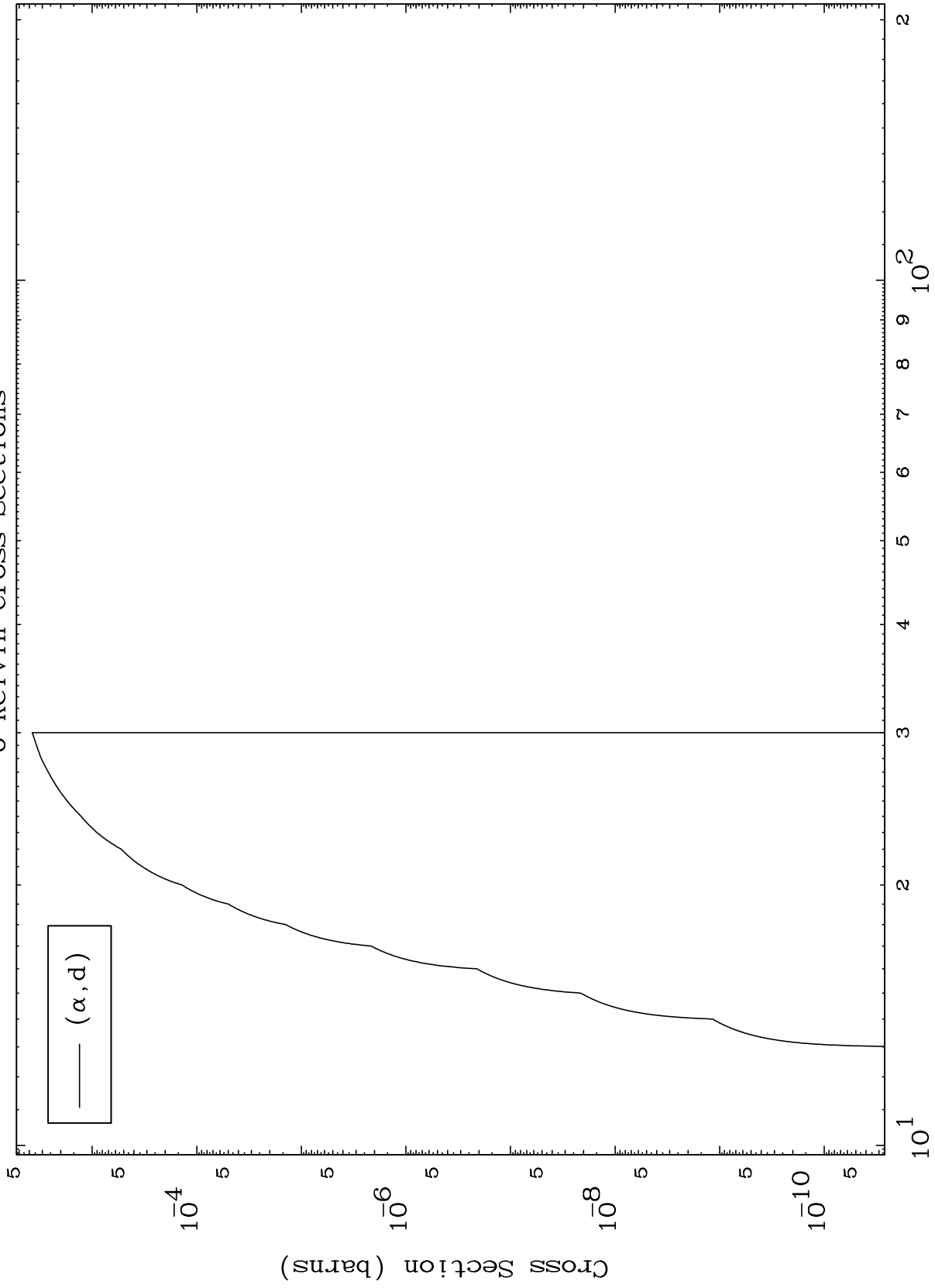
Incident Energy (MeV)

43-Tc-101

MAT 4331

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

43-Tc-101



Incident Energy (MeV)

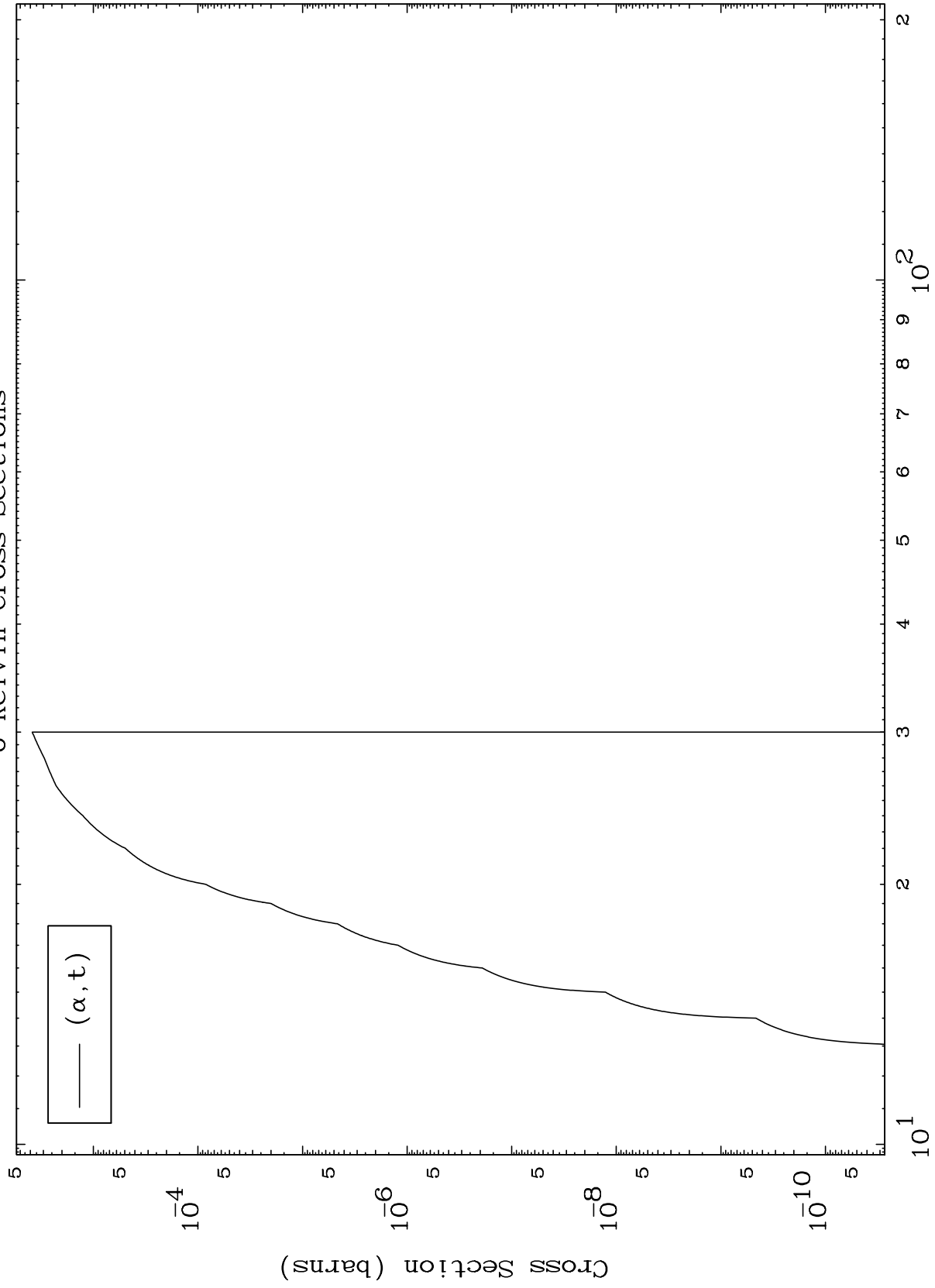
43-Tc-101



MAT 4331

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

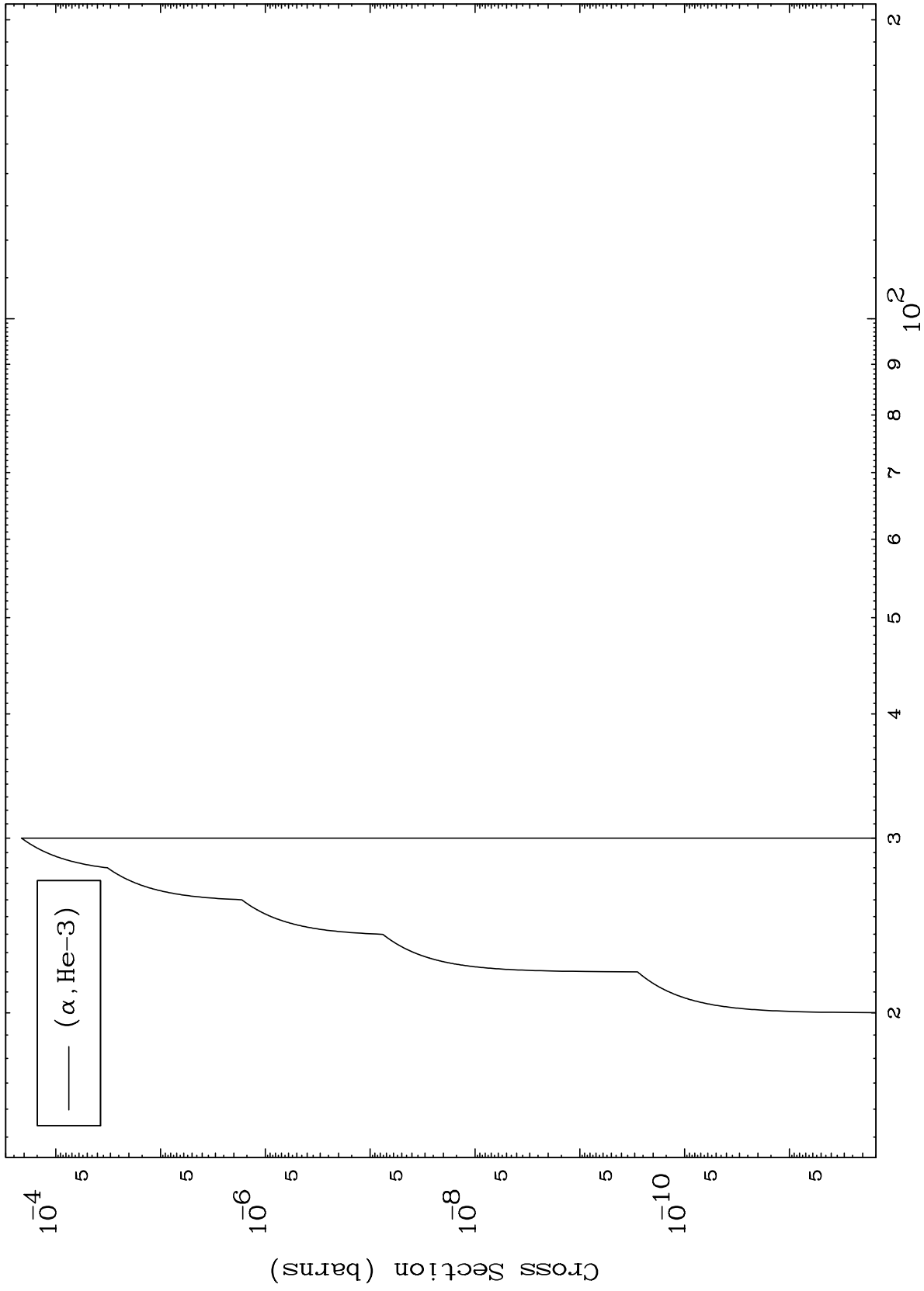
43-Tc-101



8

Incident Energy (MeV)

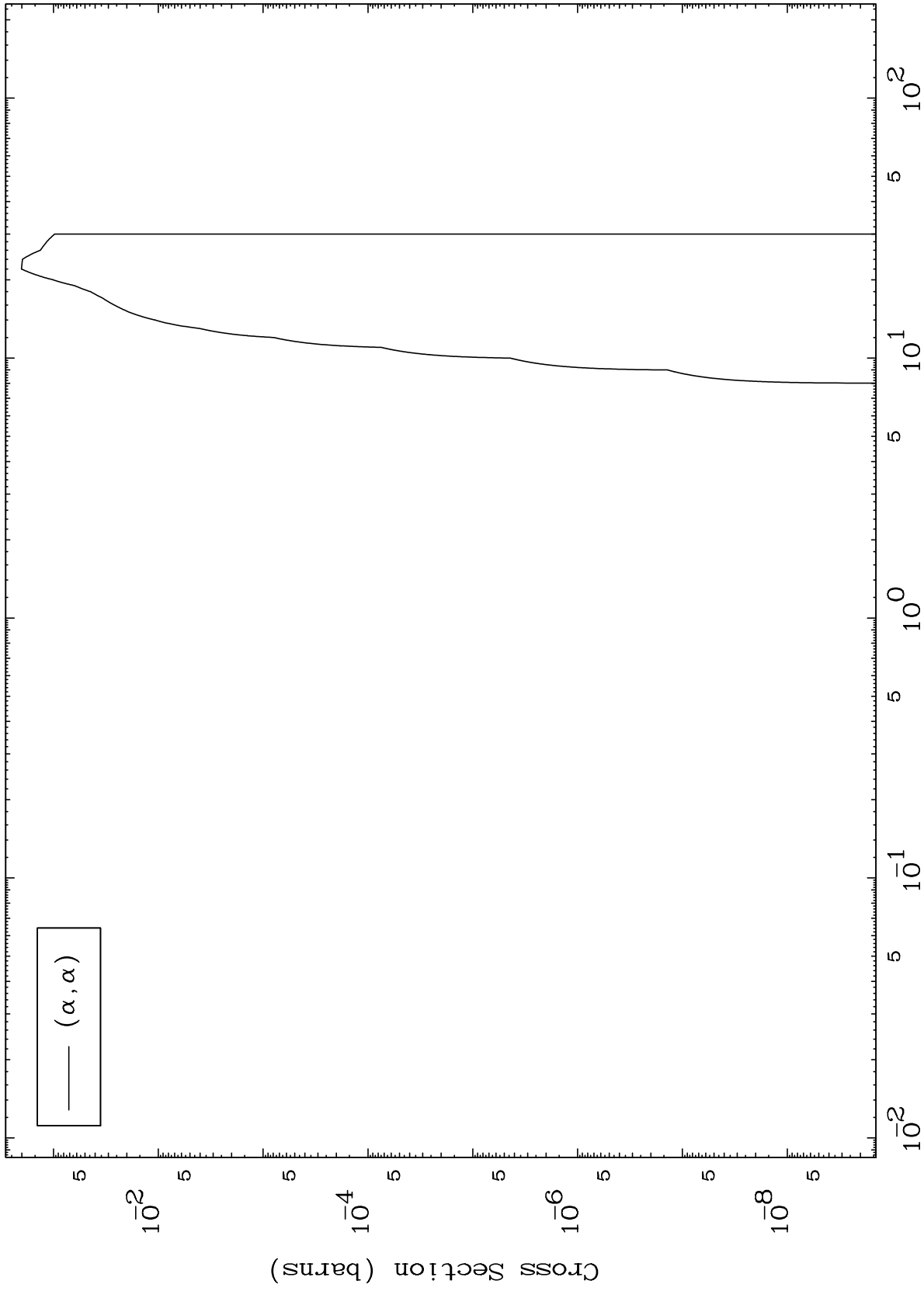
43-Tc-101



MAT 4331

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

43-Tc-101



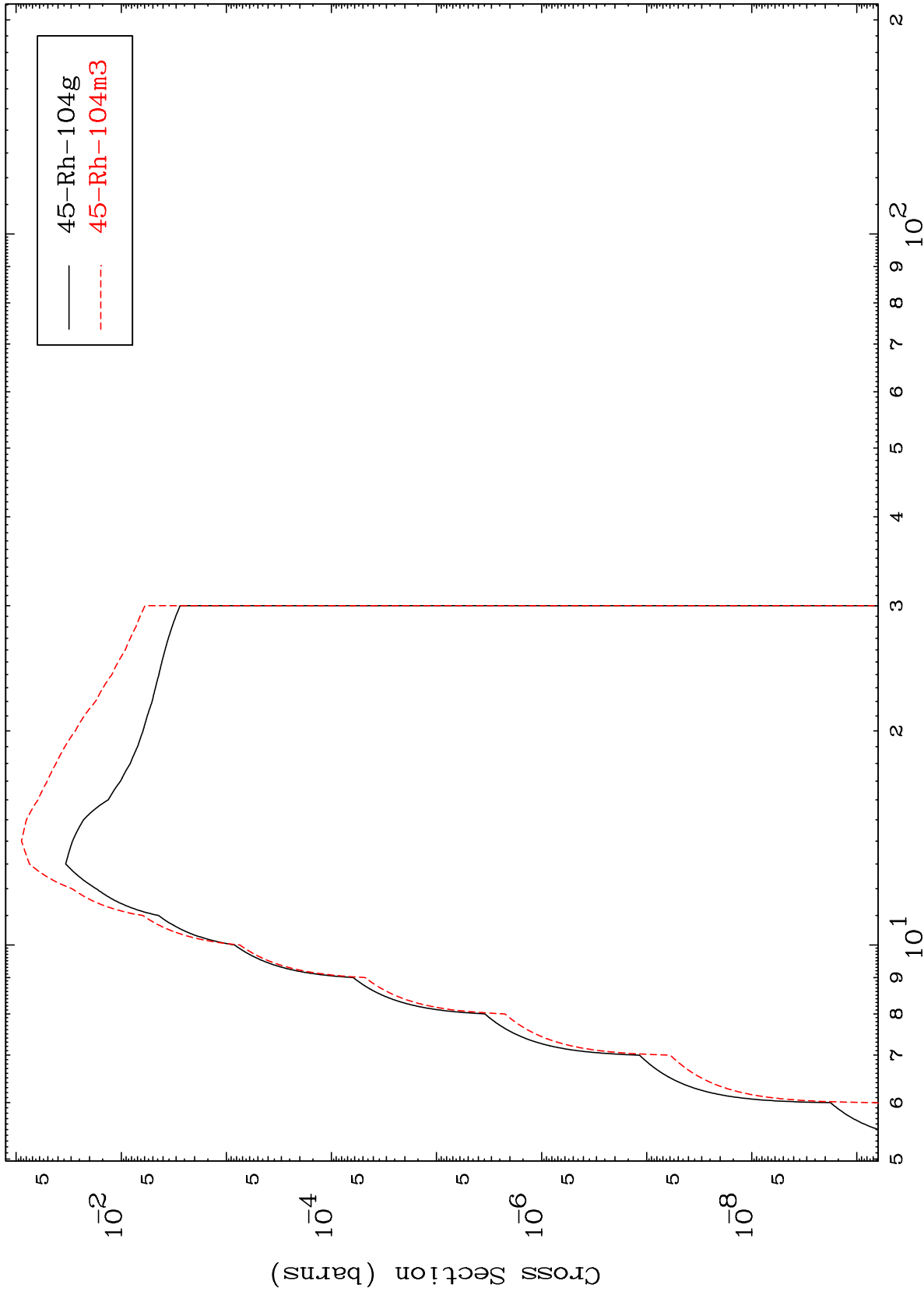
Incident Energy (MeV)

43-Tc-101

MAT 4331

43-Tc-101

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

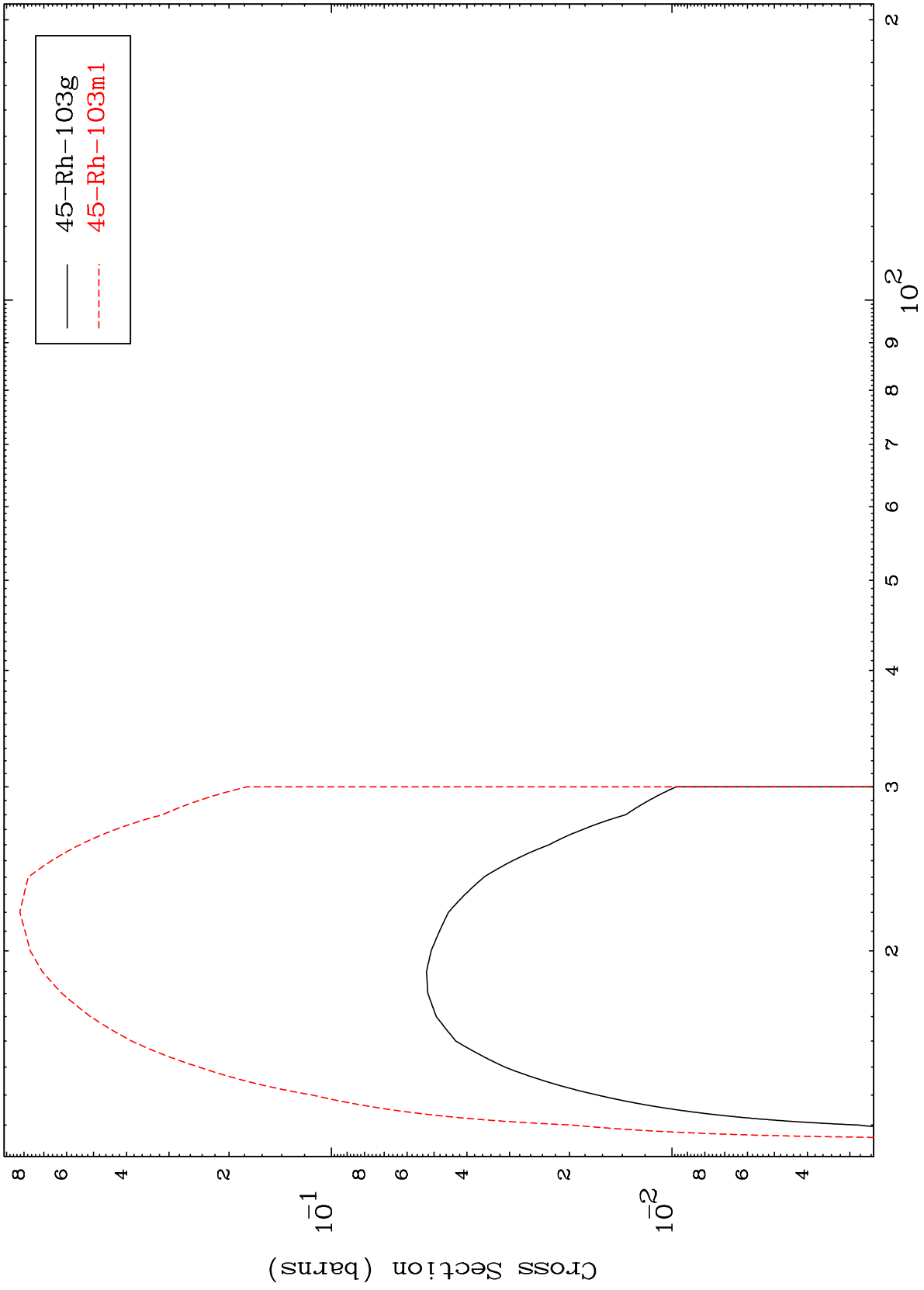
Incident Energy (MeV)

43-Tc-101

MAT 4331

43-Tc-101

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



12

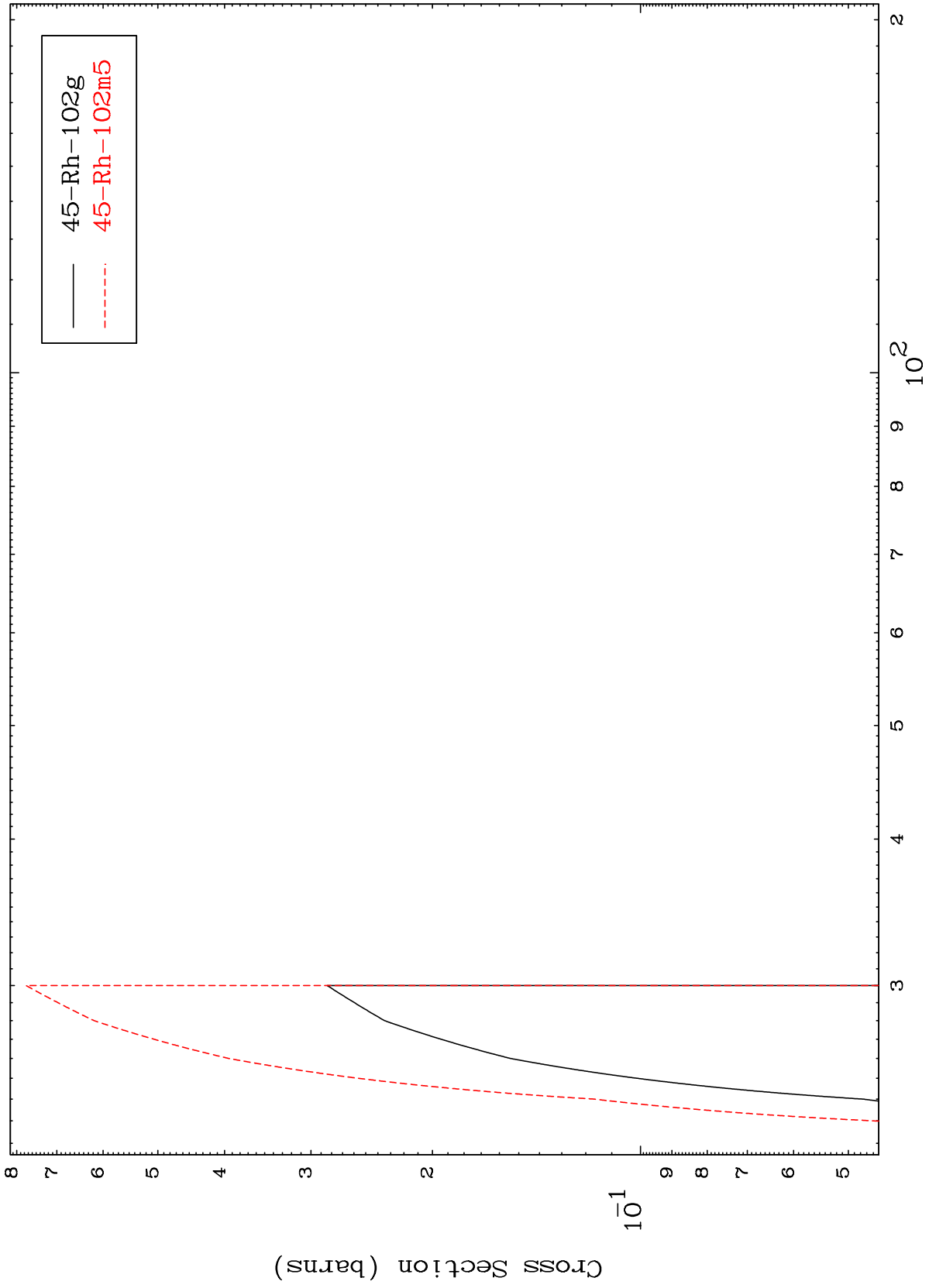
Incident Energy (MeV)

43-Tc-101

MAT 4331

43-Tc-101

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



13

Incident Energy (MeV)

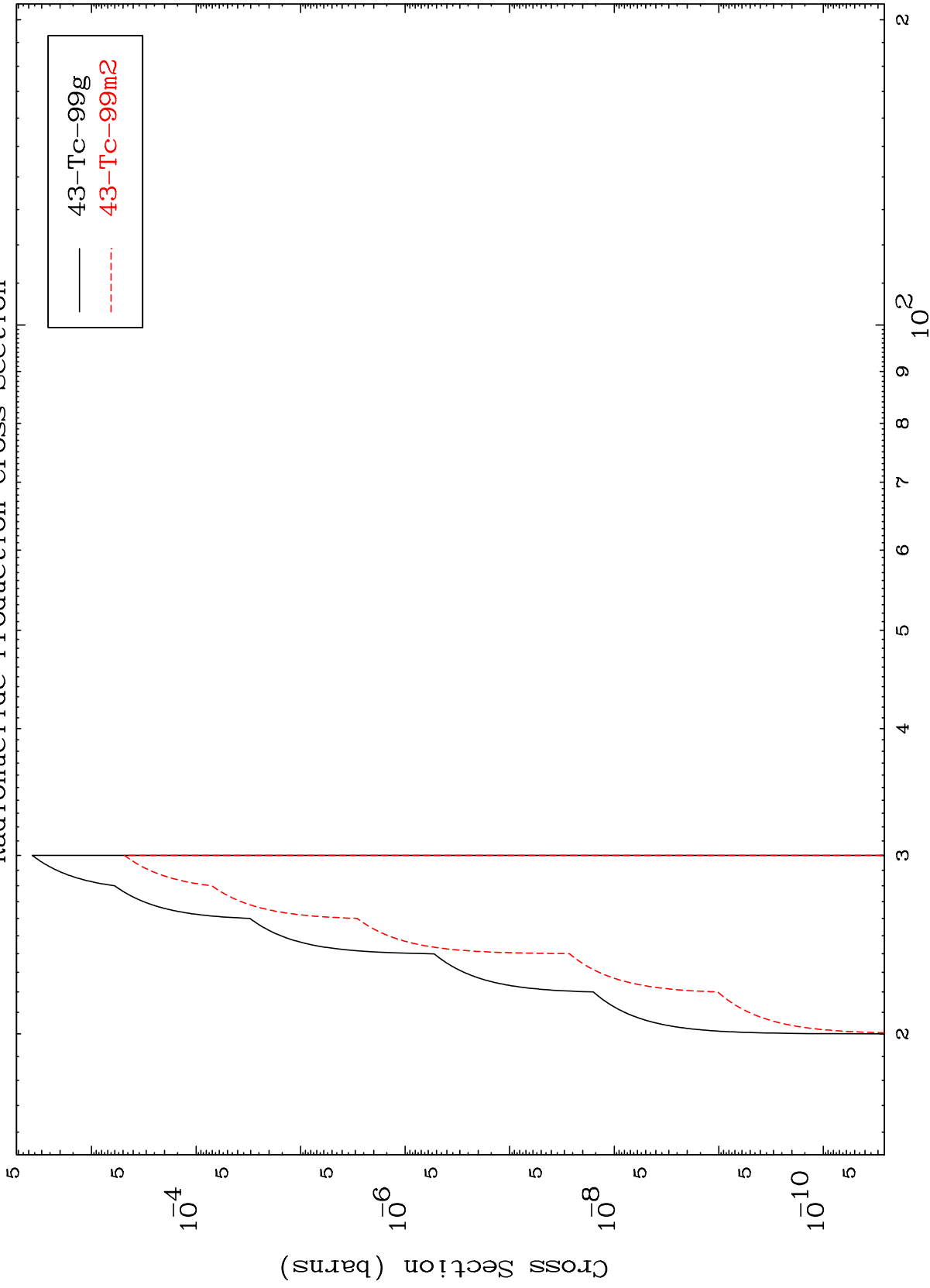
43-Tc-101

MAT 4331

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

43-Tc-101

Radionuclide Production Cross Section



14

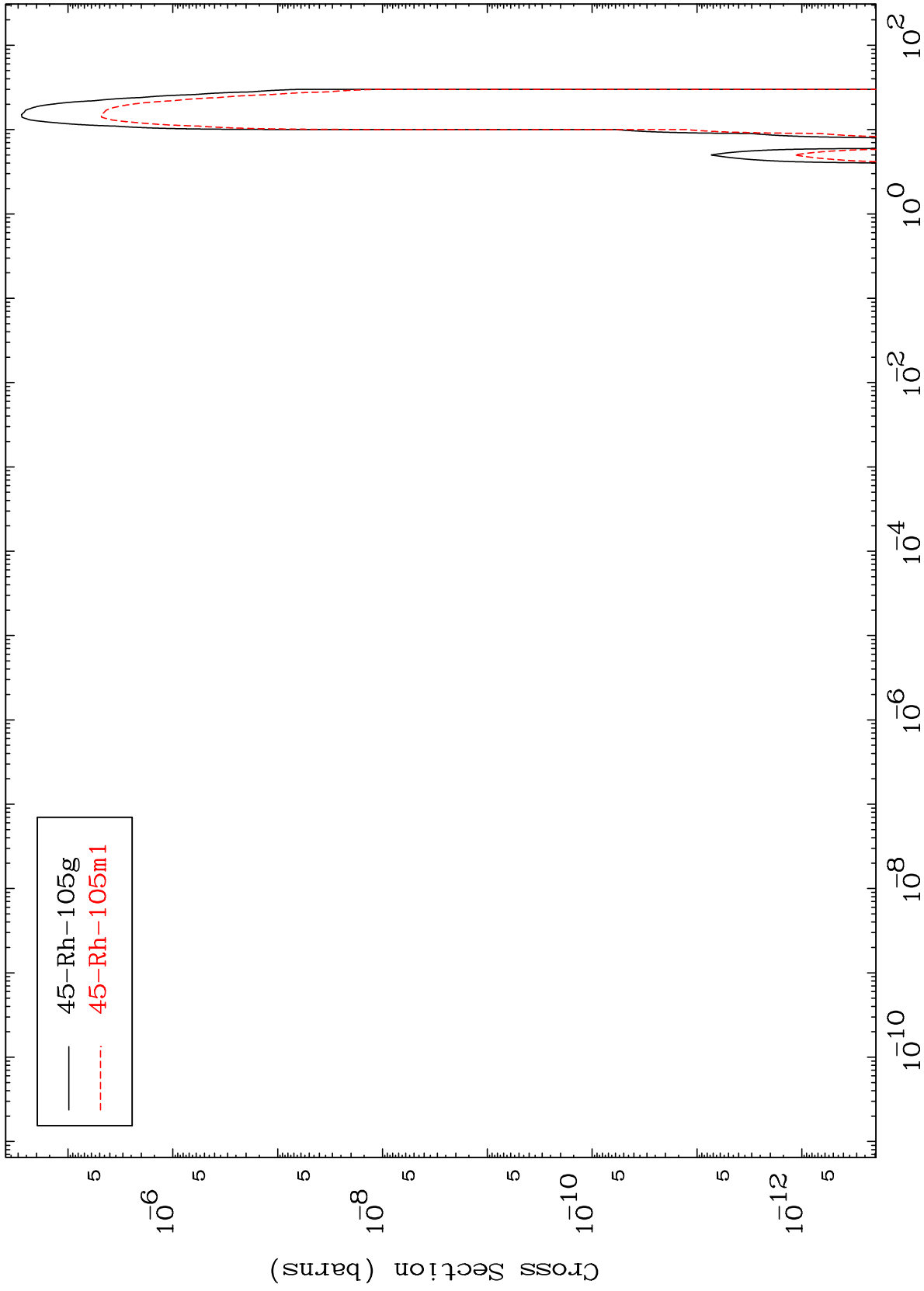
Incident Energy (MeV)

43-Tc-101

MAT 4331

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

43-Tc-101



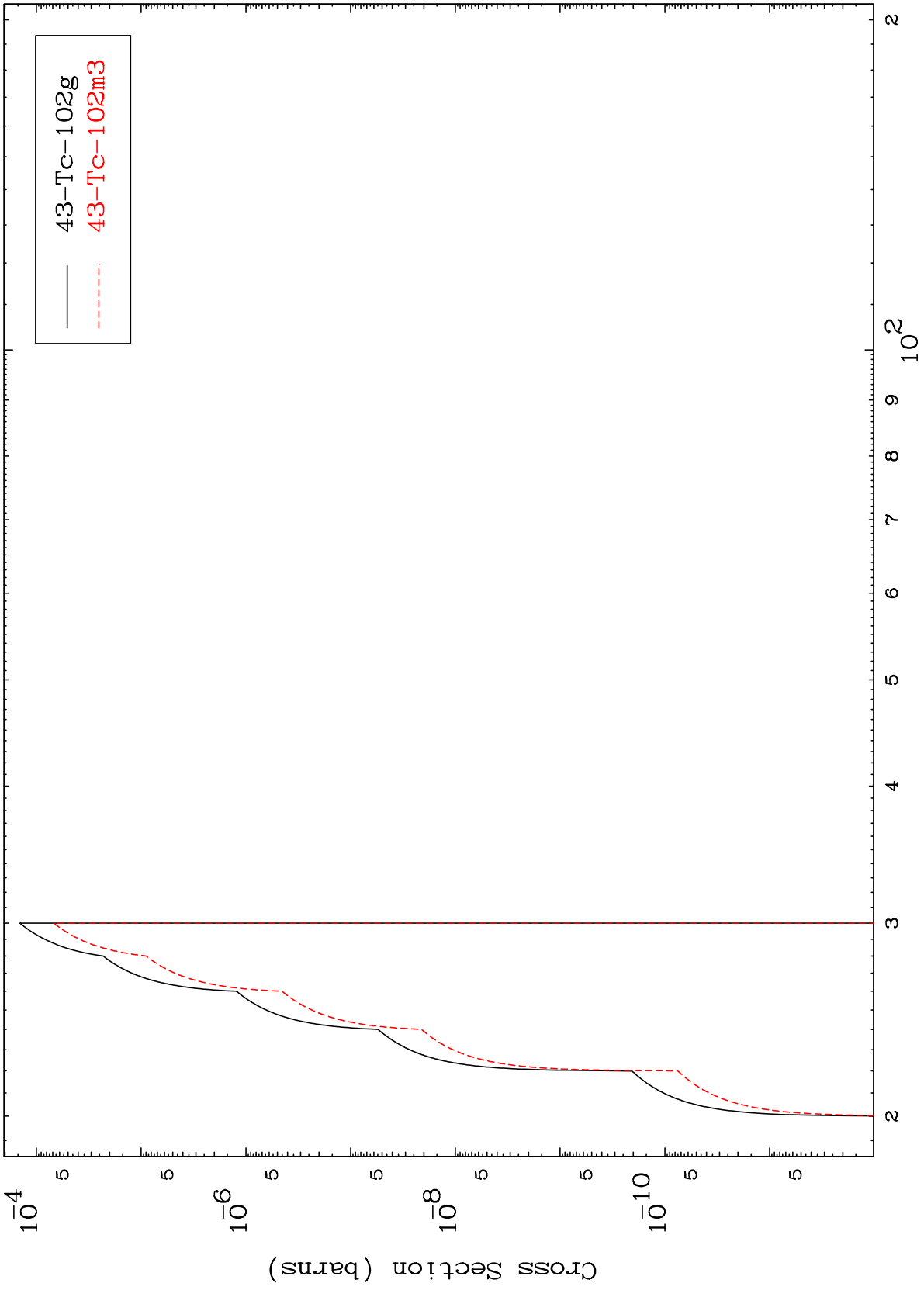


MAT 4331

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

43-Tc-101

Radionuclide Production Cross Section



16

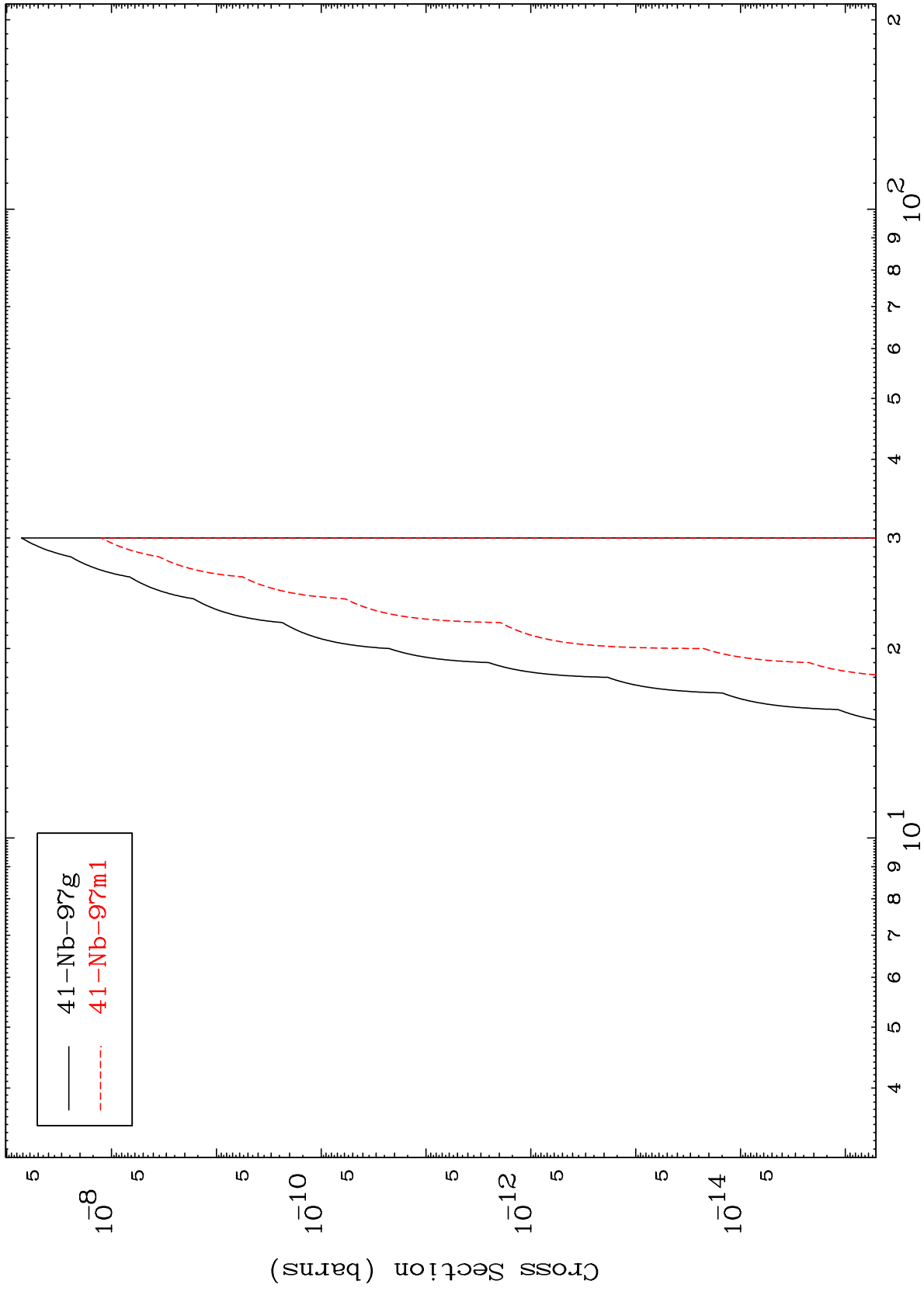
Incident Energy (MeV)

43-Tc-101

MAT 4331

43-Tc-101

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



17

Incident Energy (MeV)

43-Tc-101