

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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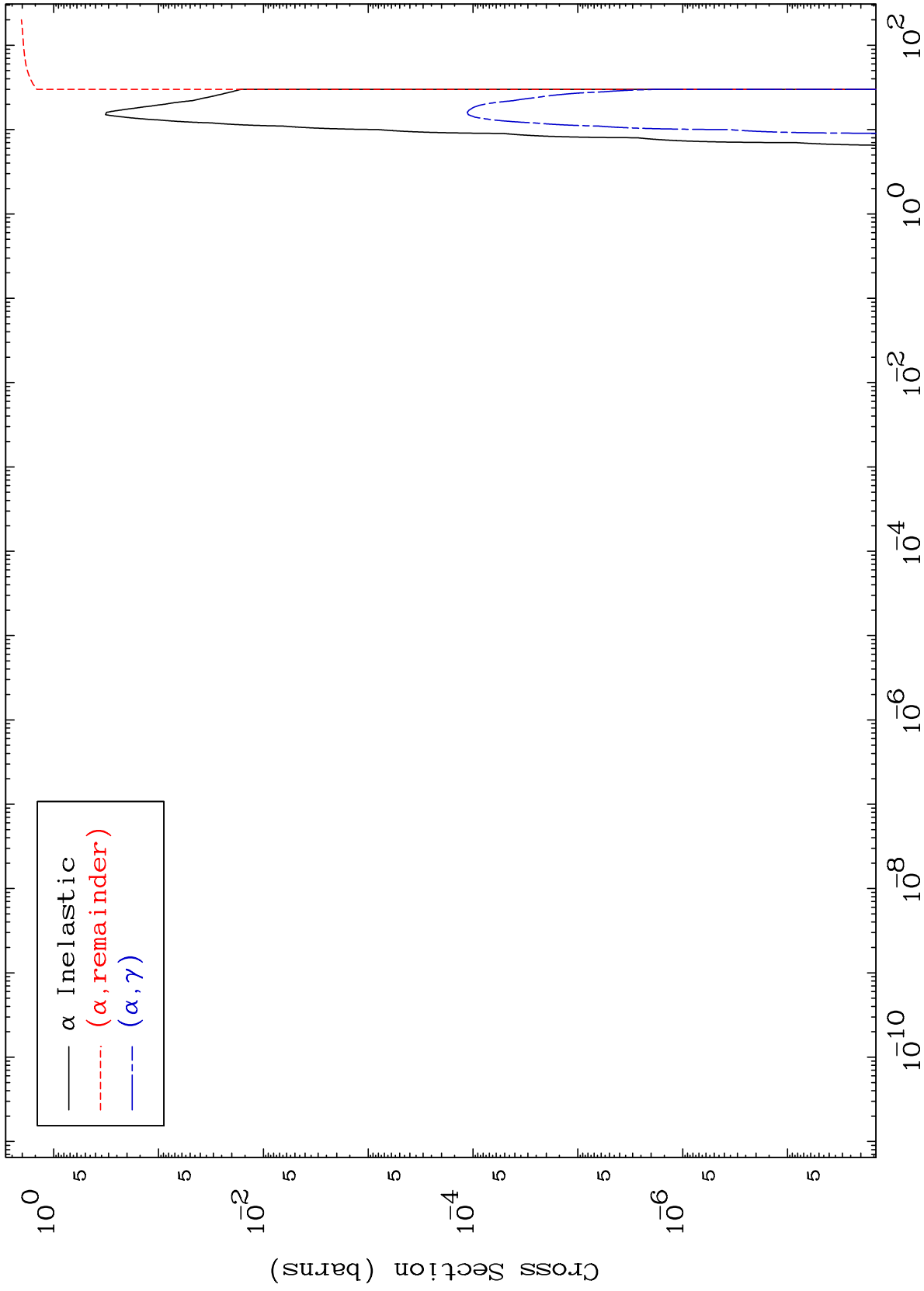
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4440

0 Kelvin  $\alpha$  Major  
Cross Sections

44-Ru-101



1

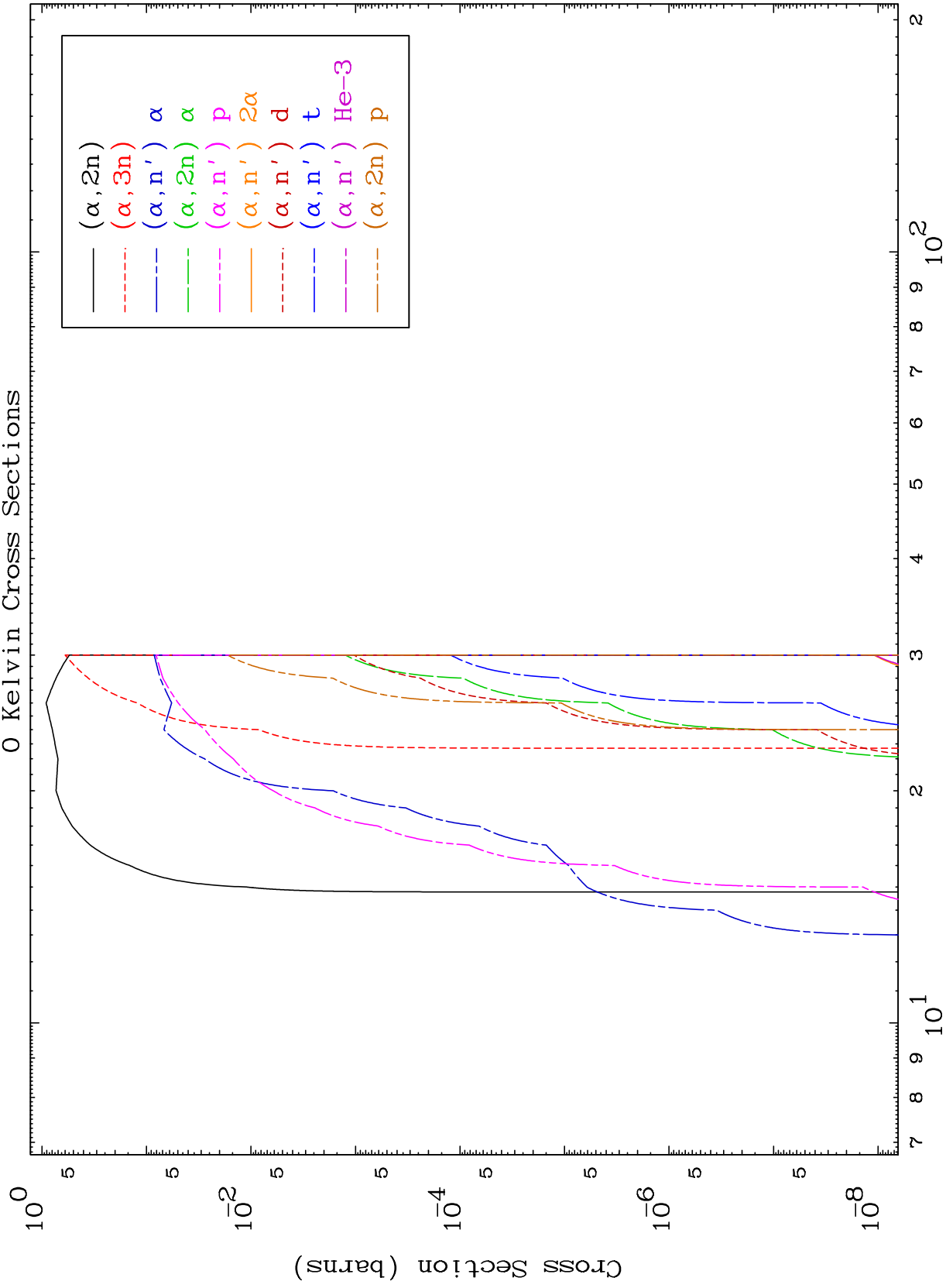
Incident Energy (MeV)

44-Ru-101

MAT 4440

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

44-Ru-101



2

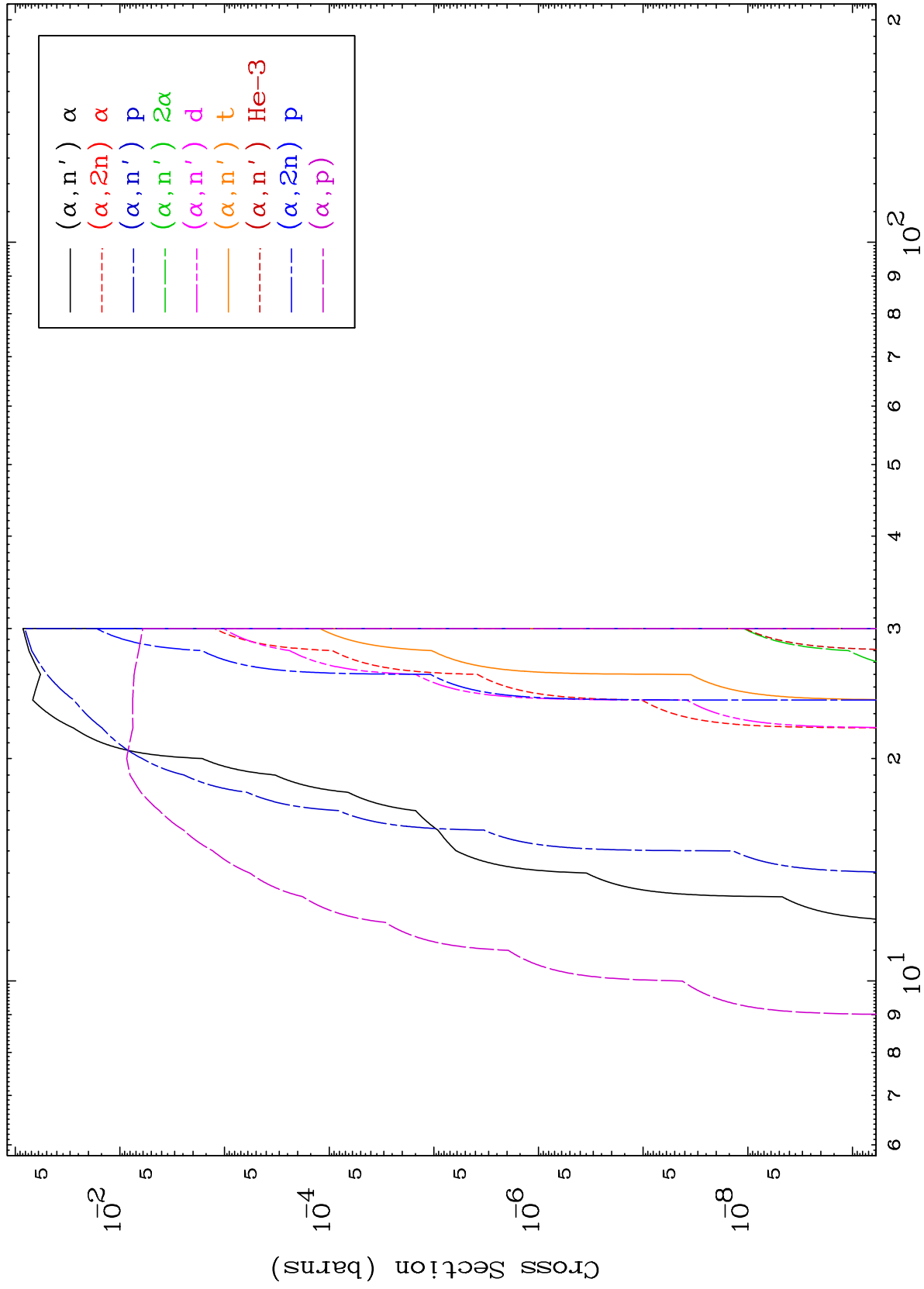
Incident Energy (MeV)

44-Ru-101

MAT 4440

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

44-Ru-101



3

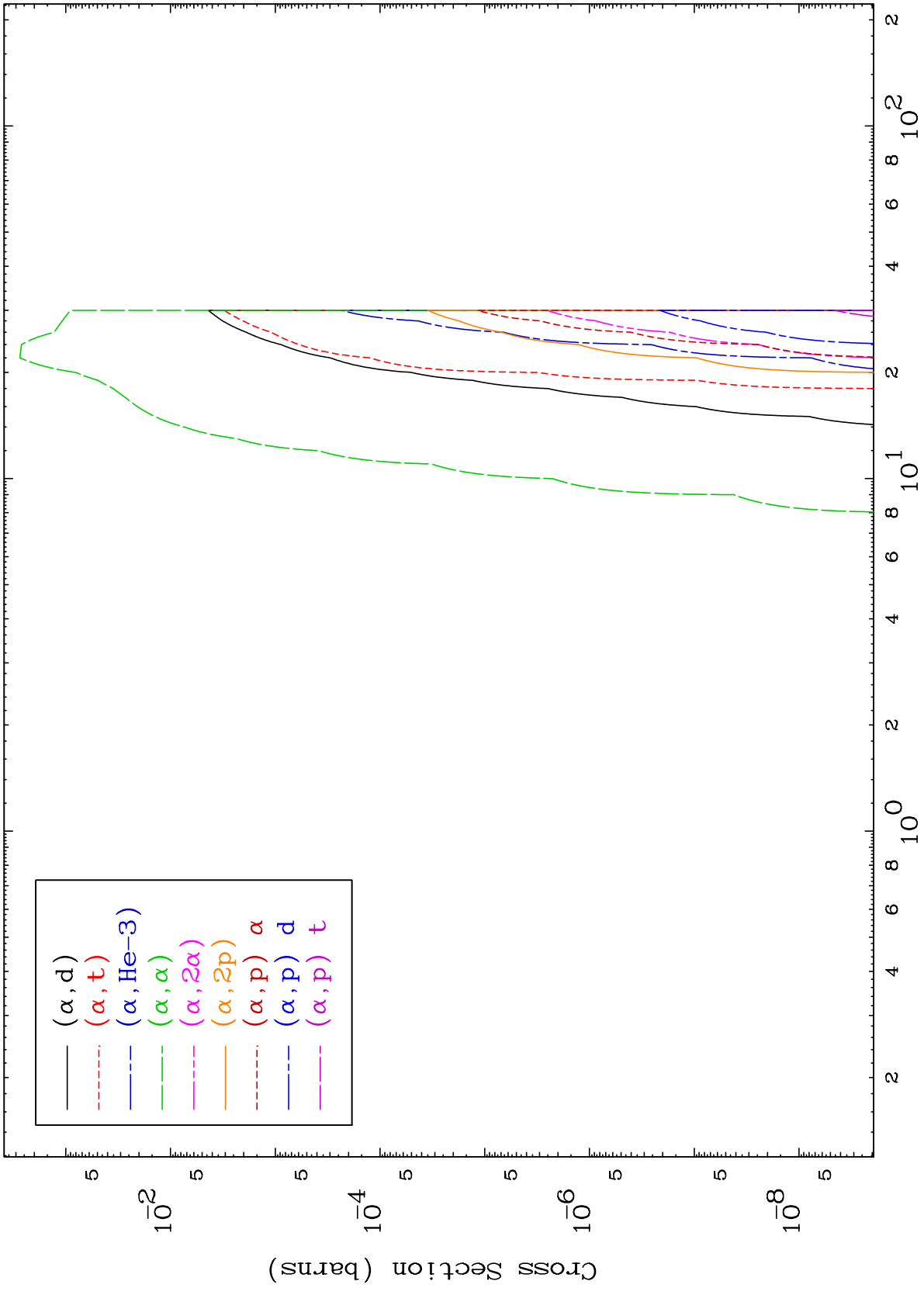
Incident Energy (MeV)

44-Ru-101

MAT 4440

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

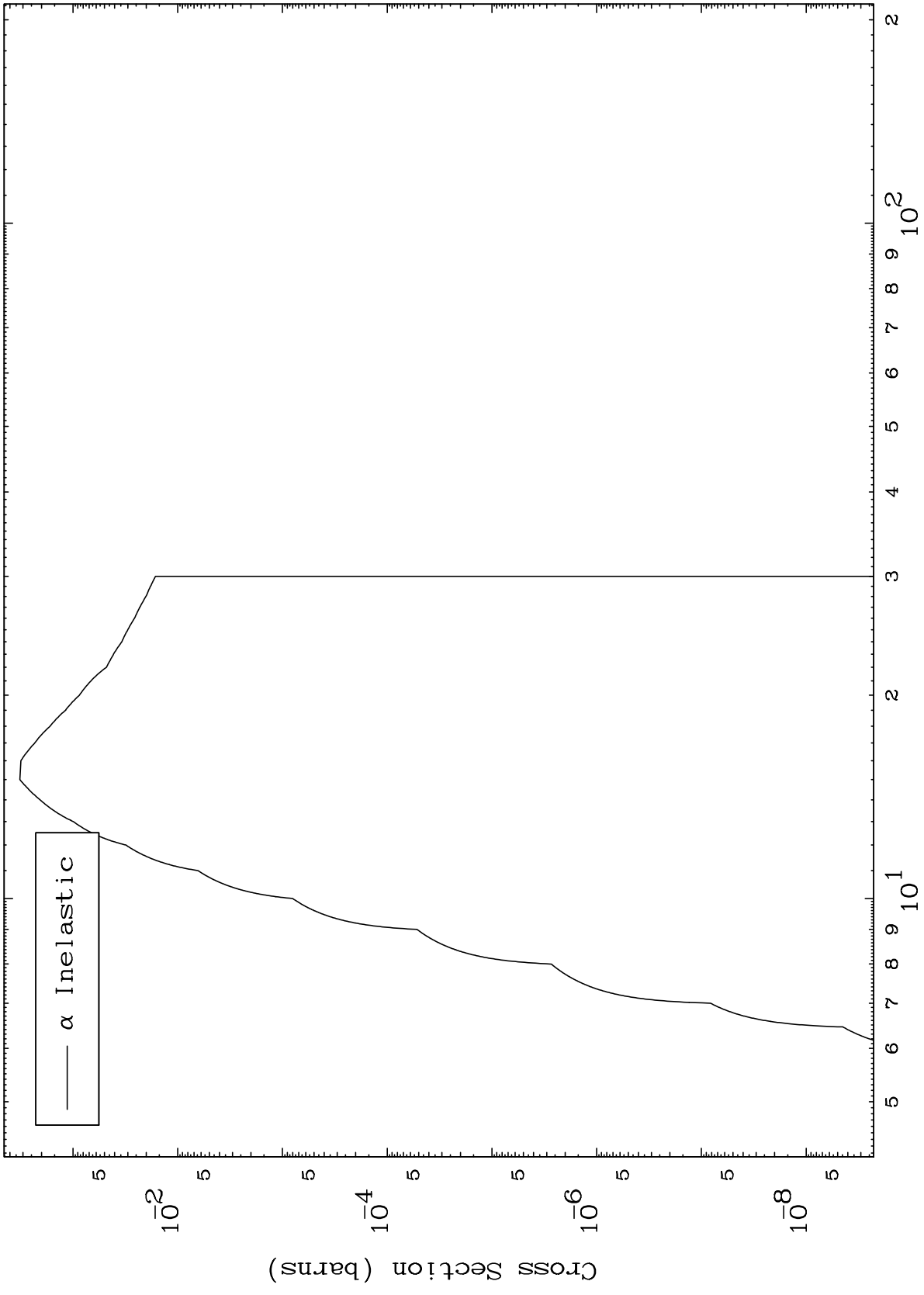
44-Ru-101



MAT 4440

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

44-Ru-101



5

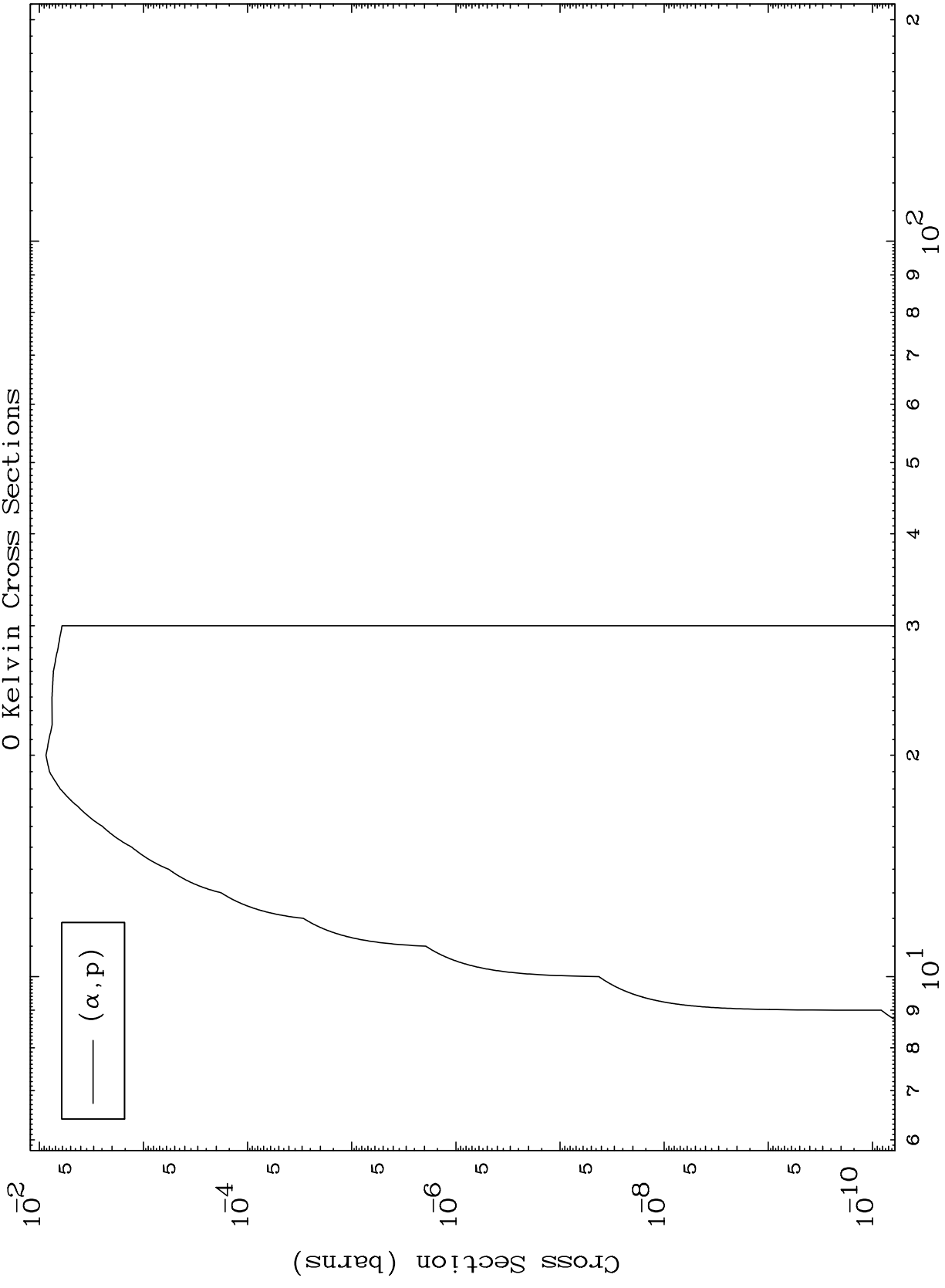
Incident Energy (MeV)

44-Ru-101

MAT 4440

44-Ru-101

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



6

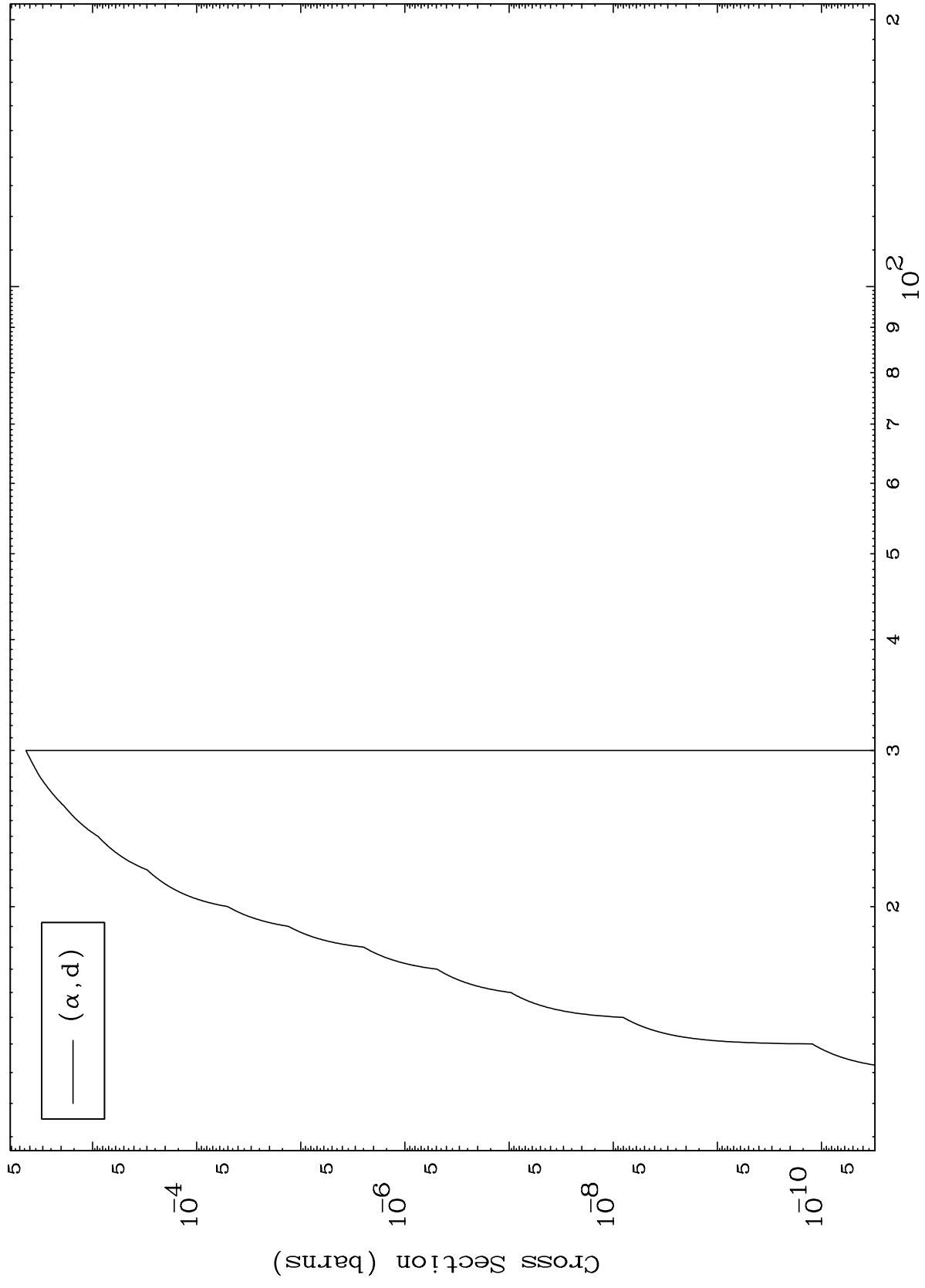
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



7

Incident Energy (MeV)

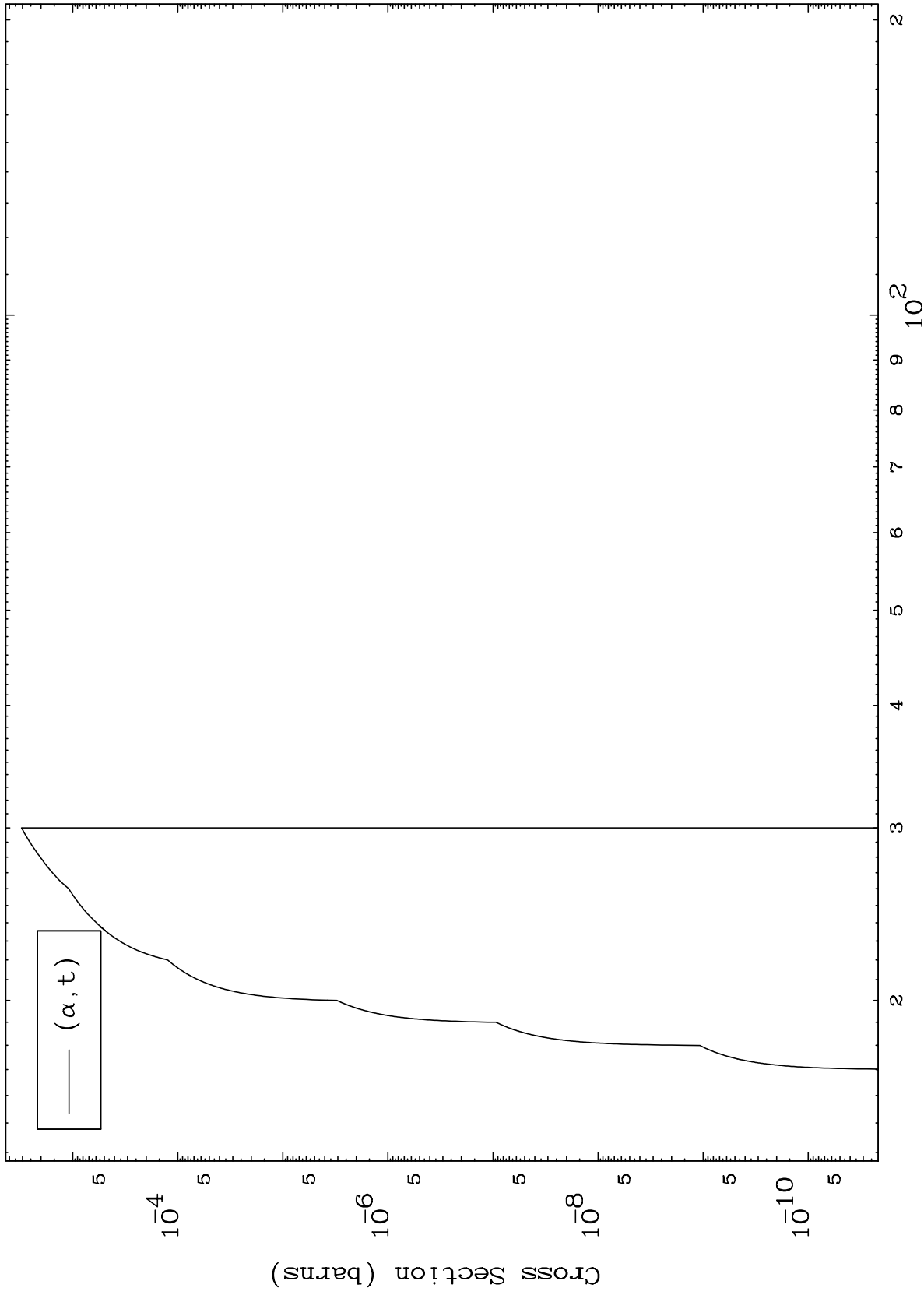
44-Ru-101



MAT 4440

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

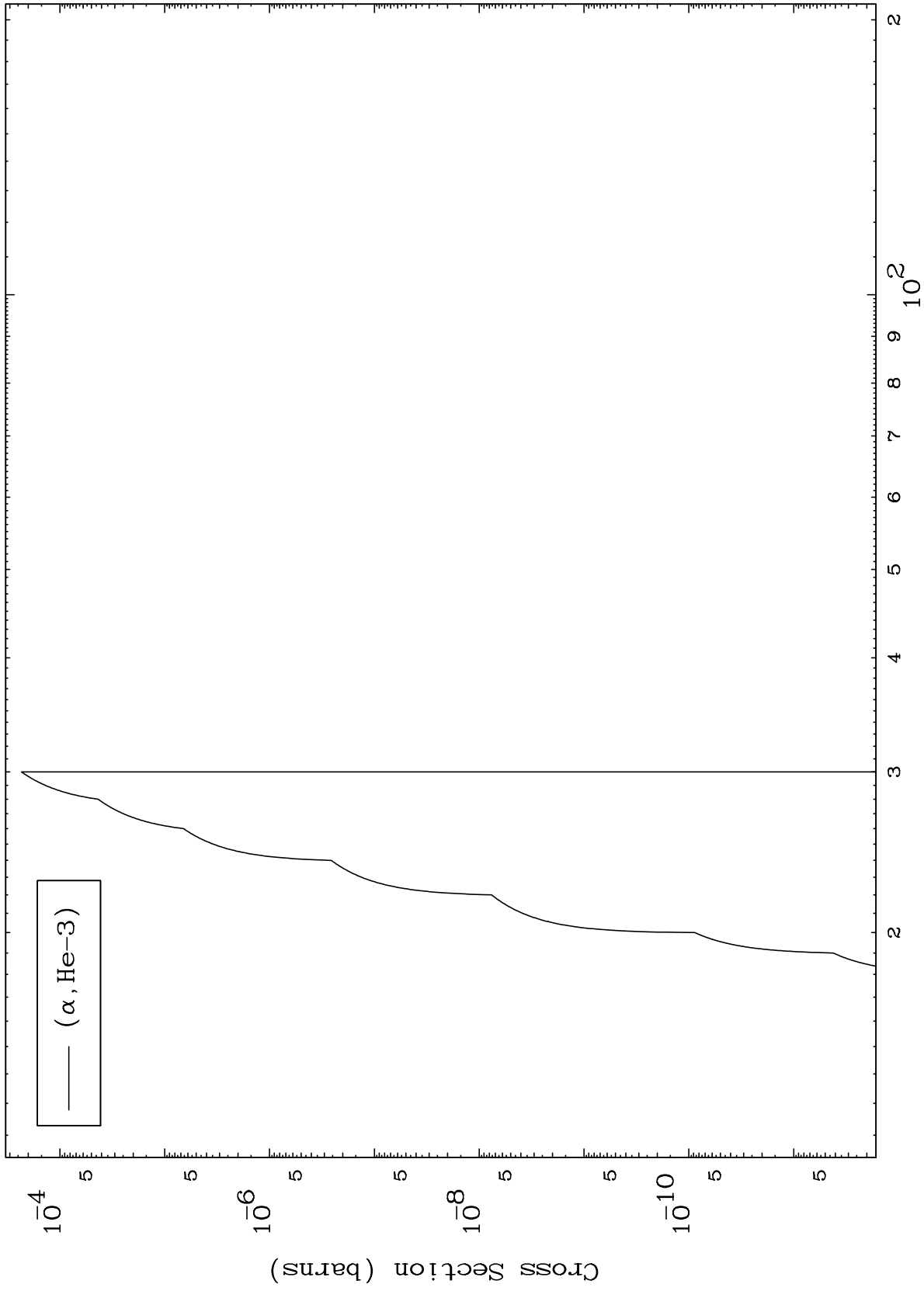
44-Ru-101



MAT 4440

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

44-Ru-101



9

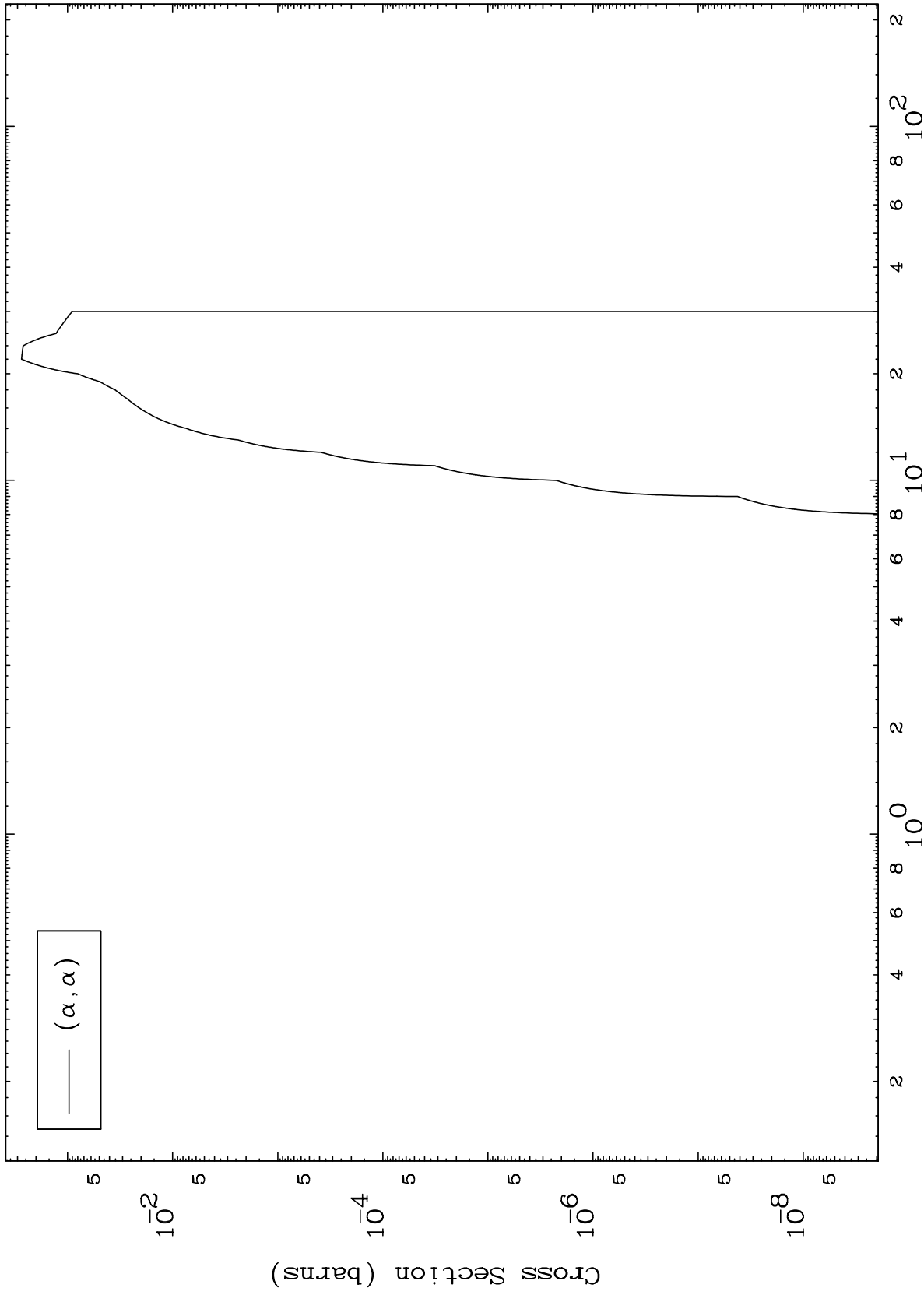
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



10

Incident Energy (MeV)

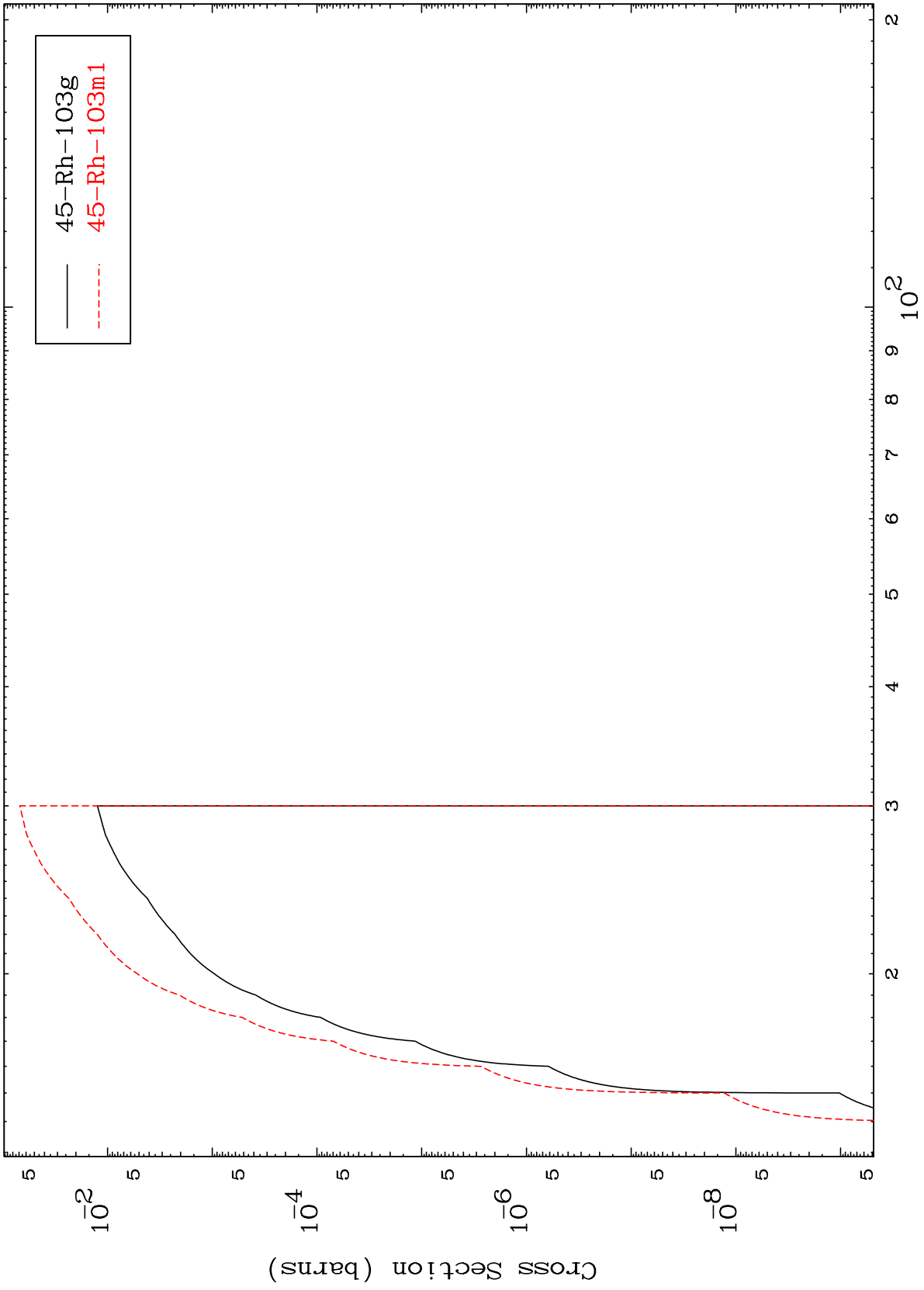
44-Ru-101

MAT 4440

( $\alpha, n'$ ) p

44-Ru-101

Radionuclide Production Cross Section



11

Incident Energy (MeV)

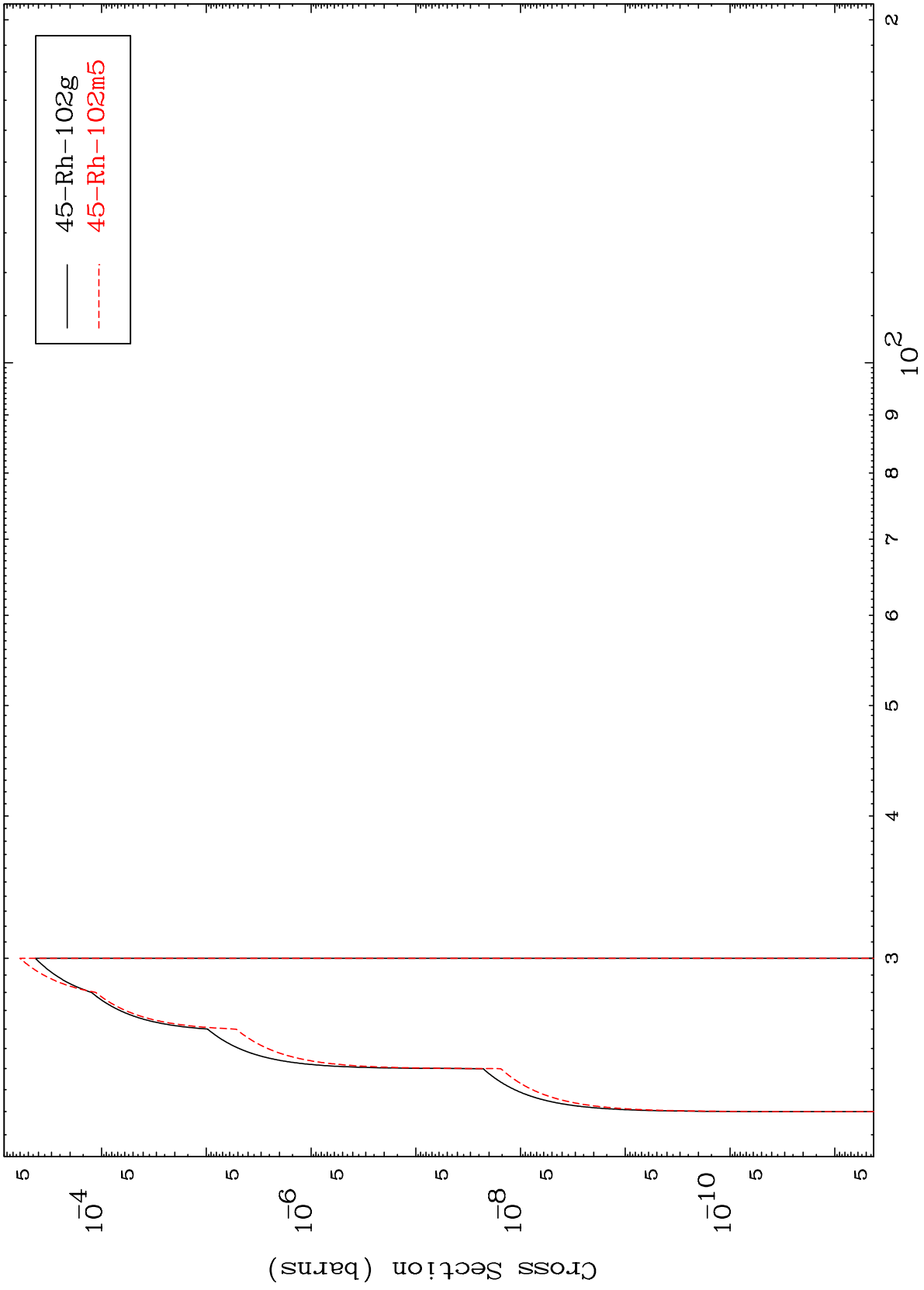
44-Ru-101

MAT 4440

( $\alpha, n'$ ) d

44-Ru-101

Radionuclide Production Cross Section



12

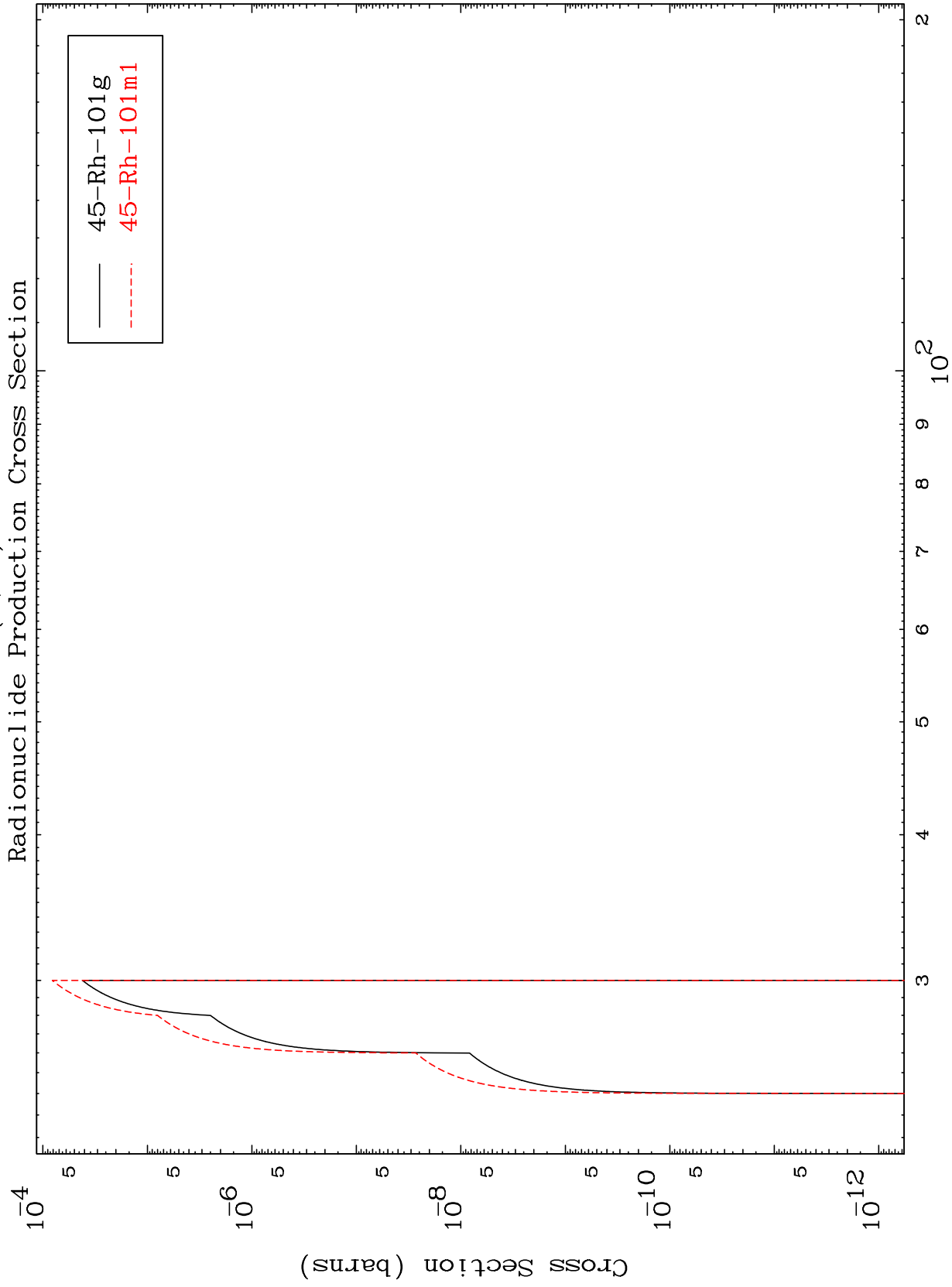
Incident Energy (MeV)

44-Ru-101

MAT 4440

( $\alpha, n'$ ) t

44-Ru-101



13

Incident Energy (MeV)

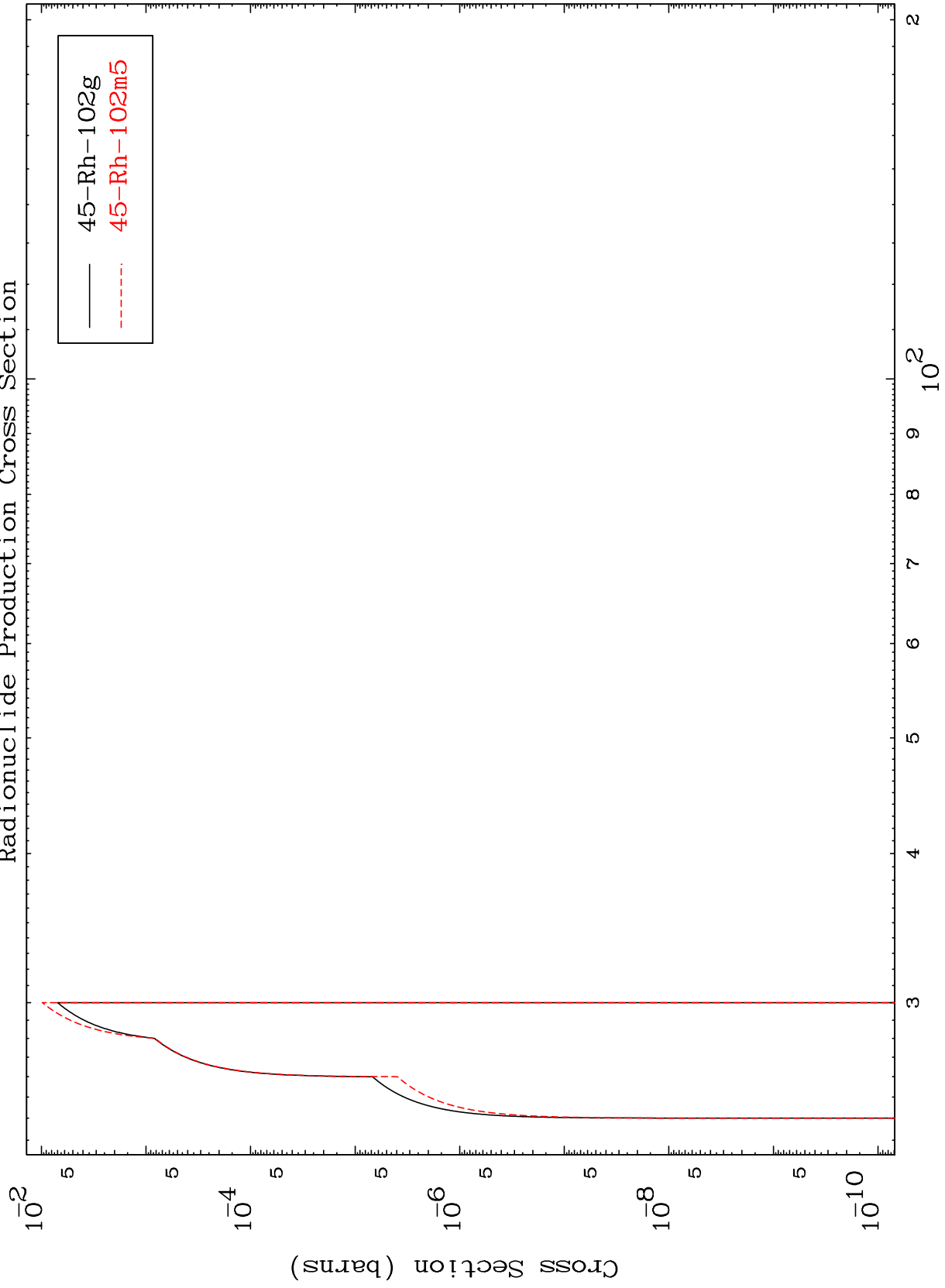
44-Ru-101

MAT 4440

( $\alpha, 2n$ ) p

44-Ru-101

Radionuclide Production Cross Section



14

Incident Energy (MeV)

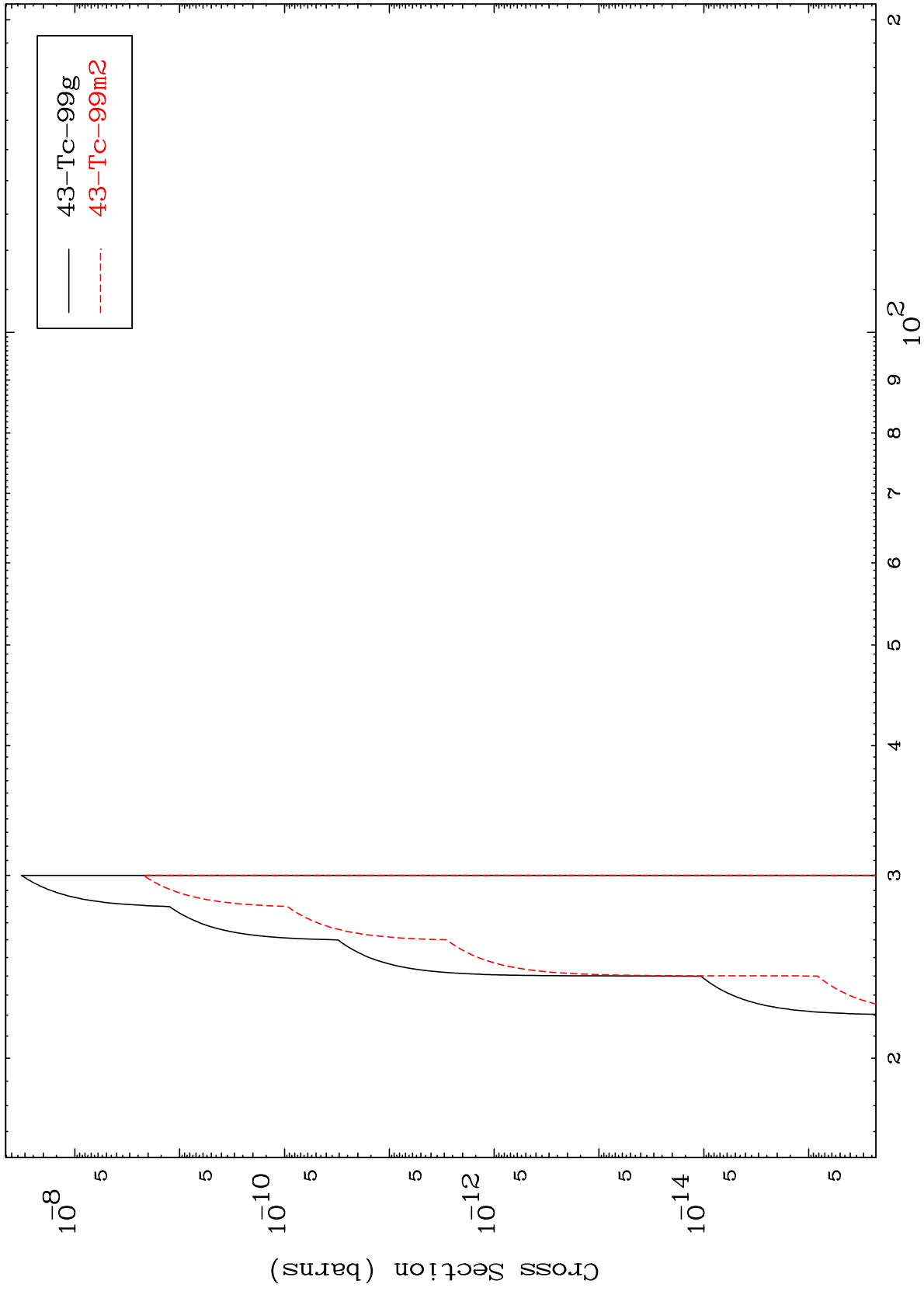
44-Ru-101

MAT 4440

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

44-Ru-101

Radionuclide Production Cross Section



15

Incident Energy (MeV)

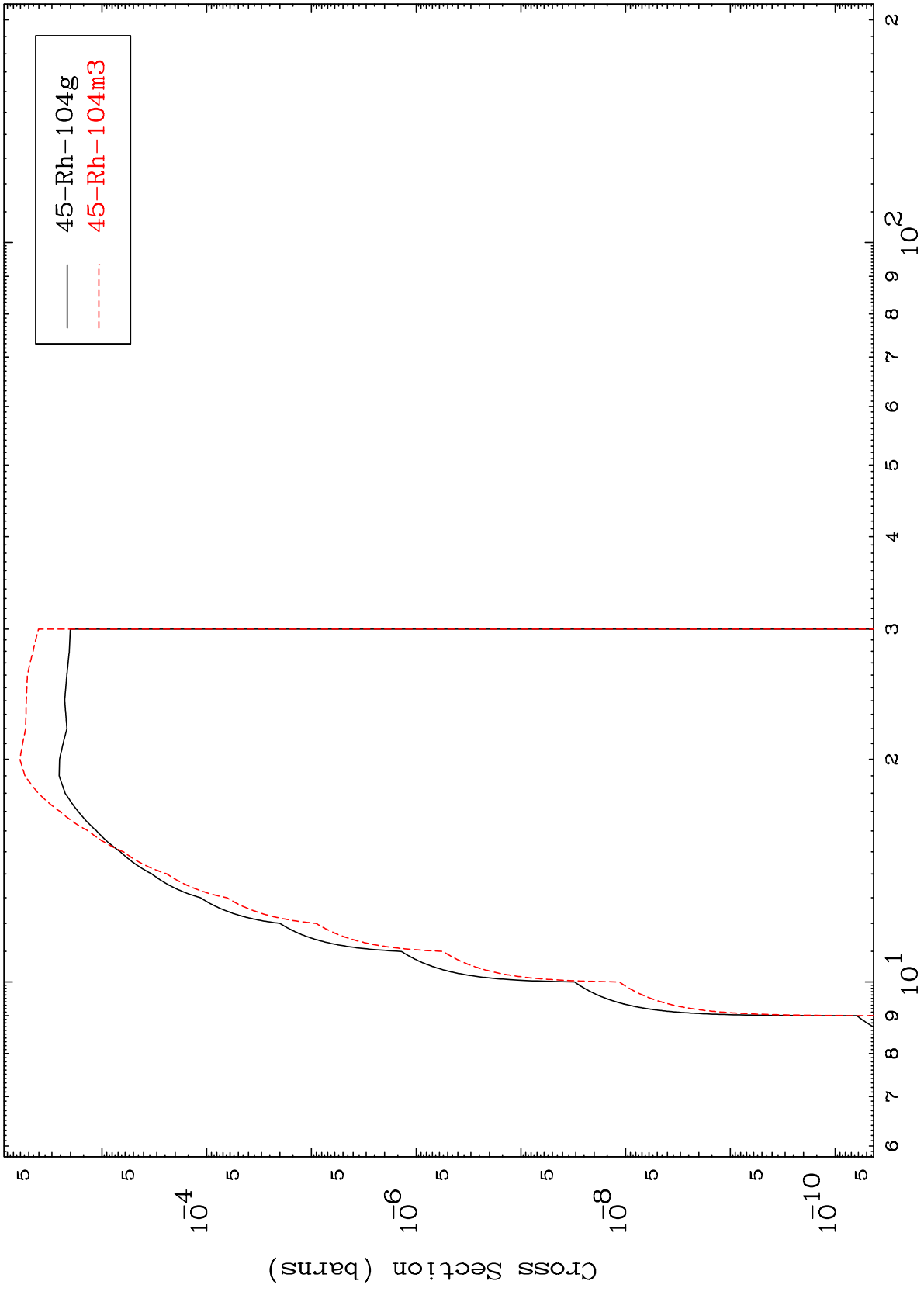
44-Ru-101



MAT 4440

44-Ru-101

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



16

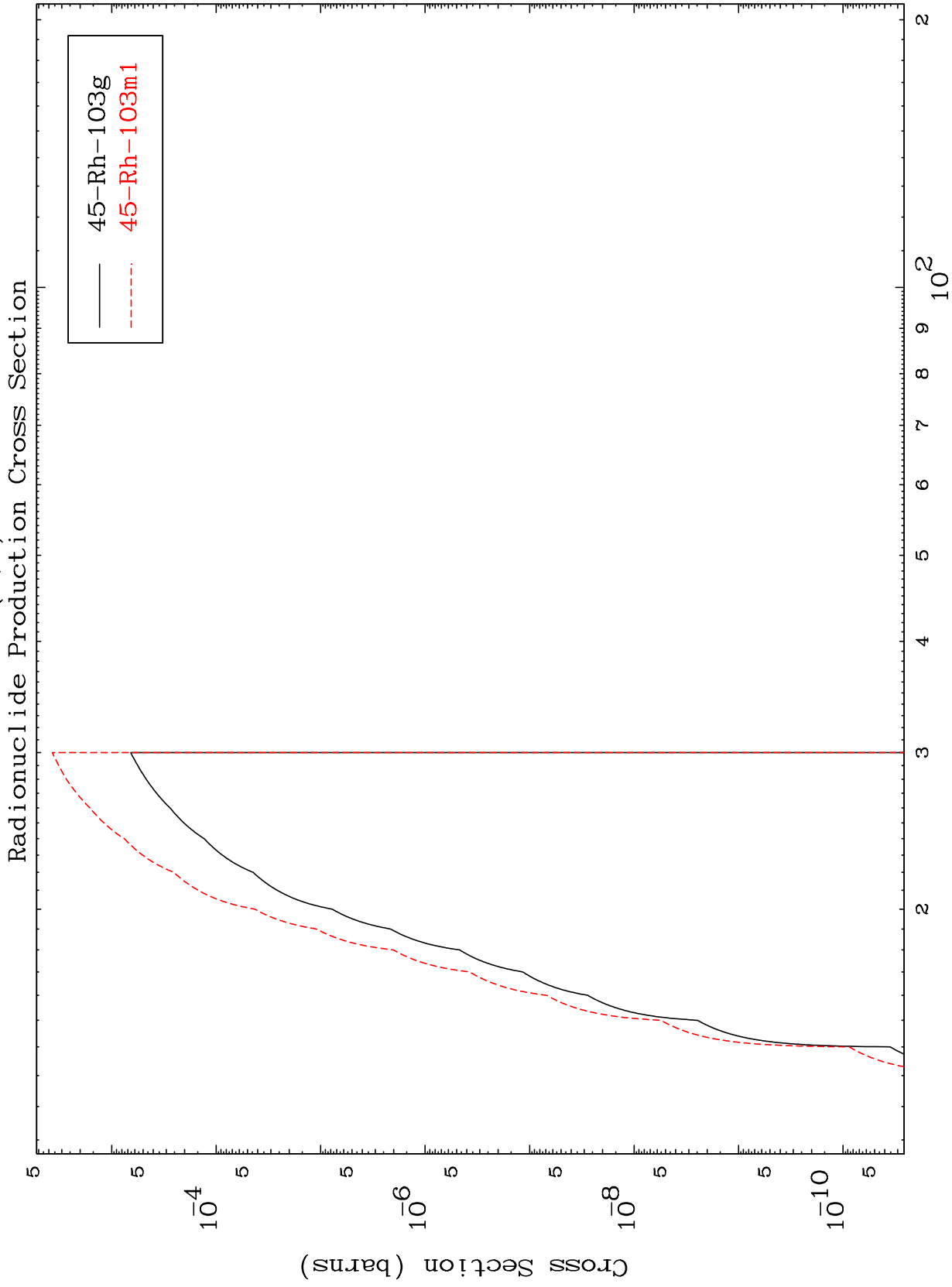
Incident Energy (MeV)

44-Ru-101

MAT 4440

( $\alpha, d$ )

44-Ru-101



17

Incident Energy (MeV)

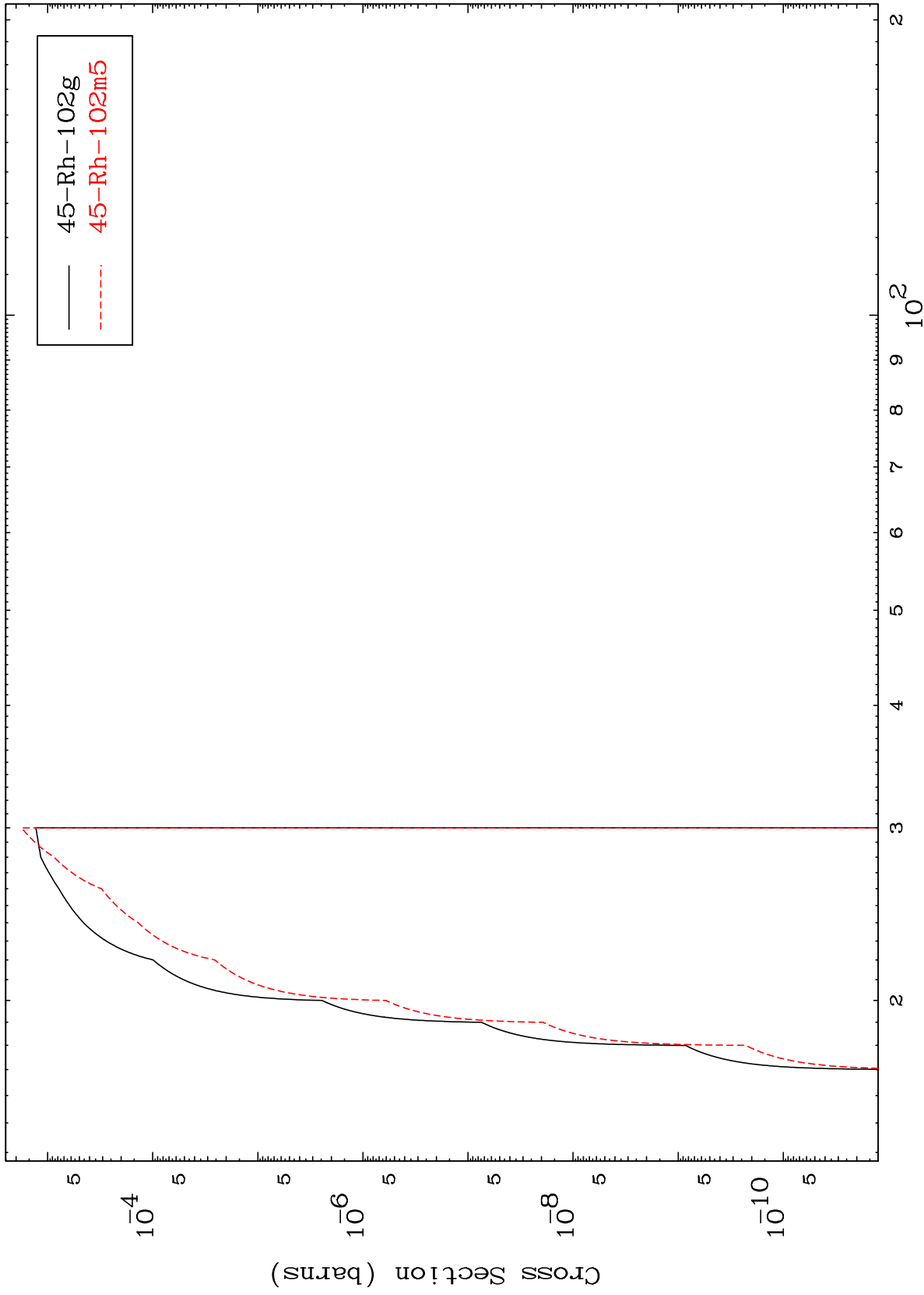
44-Ru-101

MAT 4440

( $\alpha, t$ )

44-Ru-101

Radionuclide Production Cross Section



18

Incident Energy (MeV)

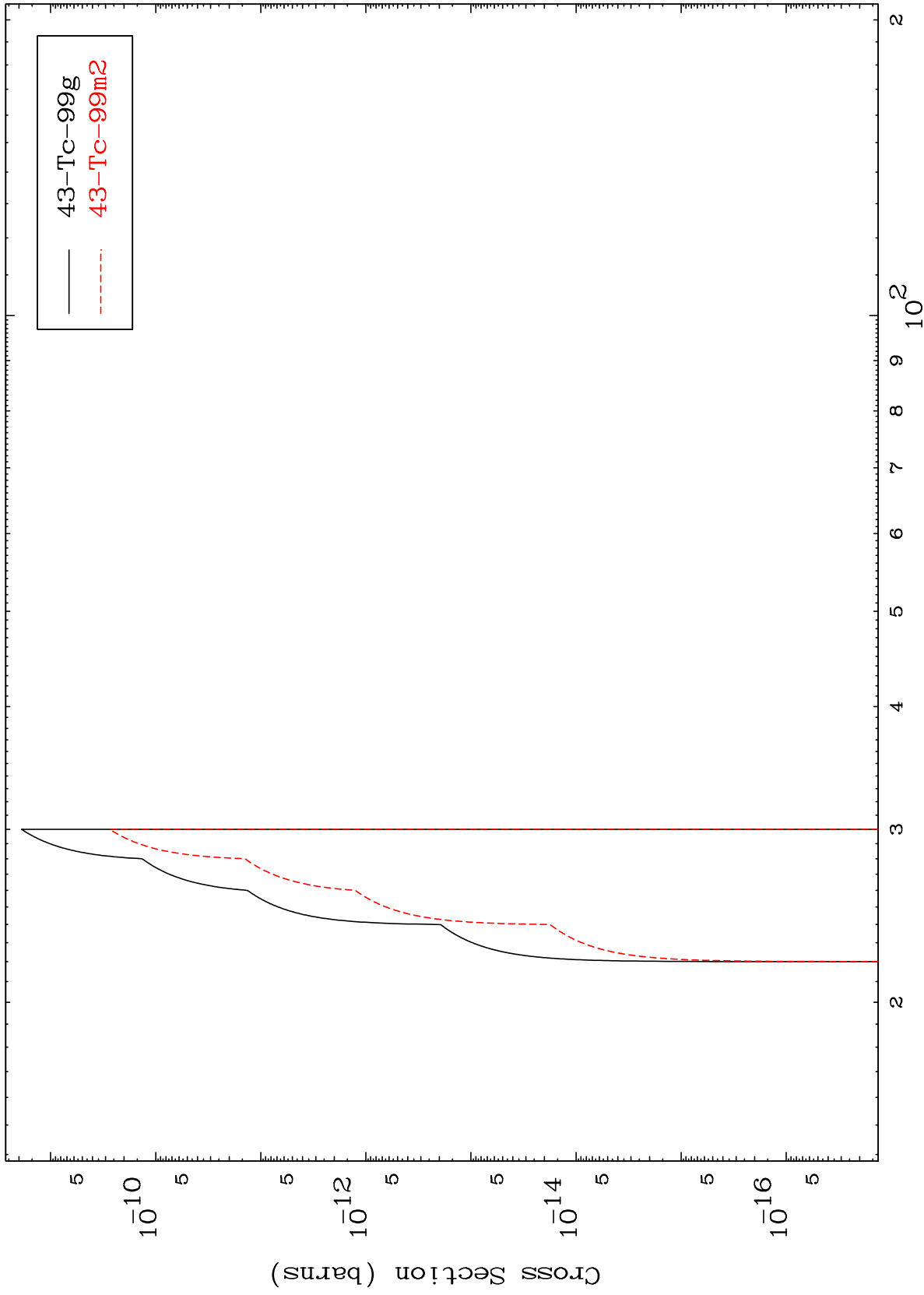
44-Ru-101

MAT 4440

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

44-Ru-101

Radionuclide Production Cross Section



19

Incident Energy (MeV)

44-Ru-101