

Program EVALPLOT  
(Version 2018-1)

by

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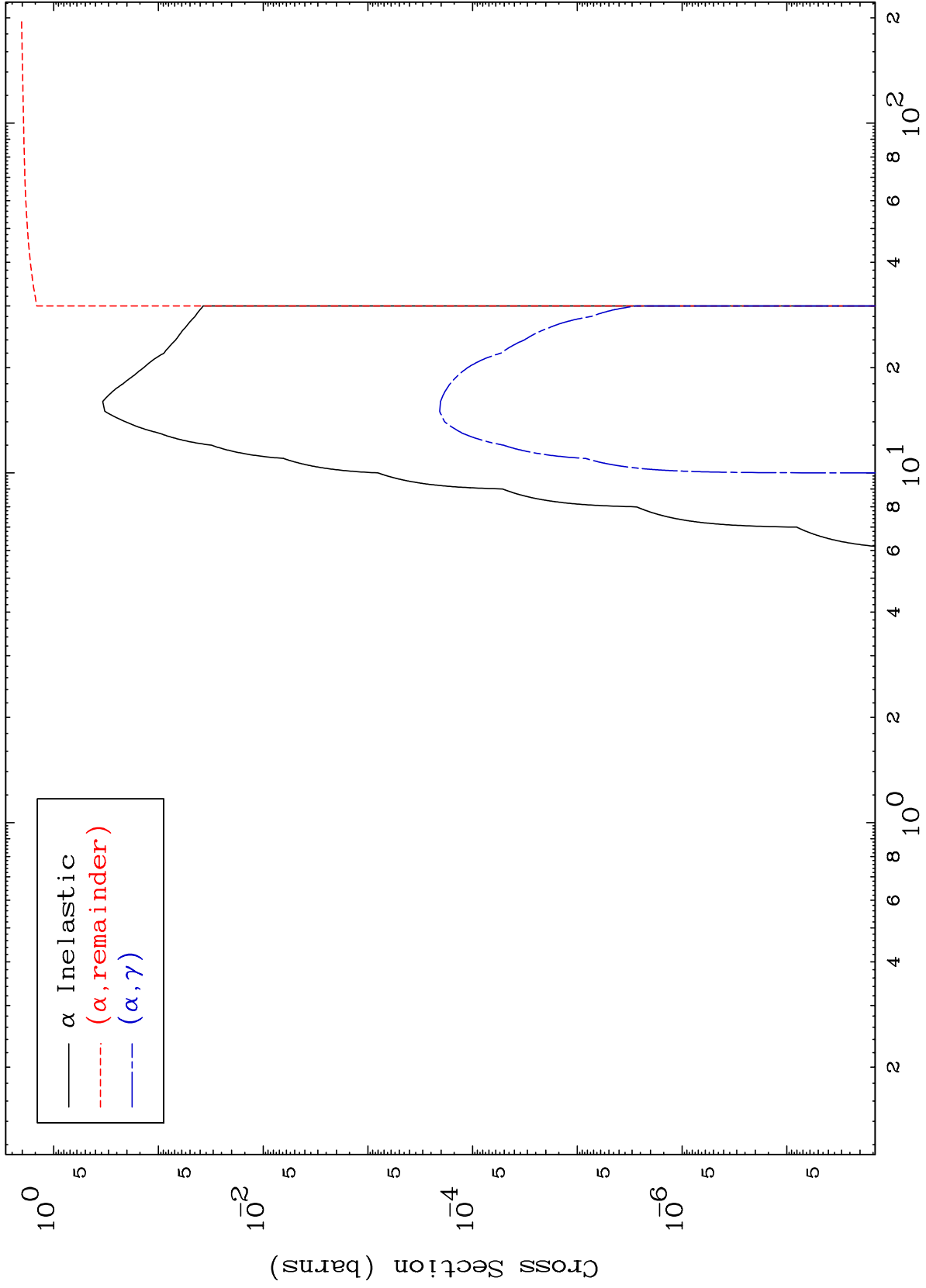
Press Mouse Button to Start

MAT 4440

$\alpha$  Major

44-Ru-101

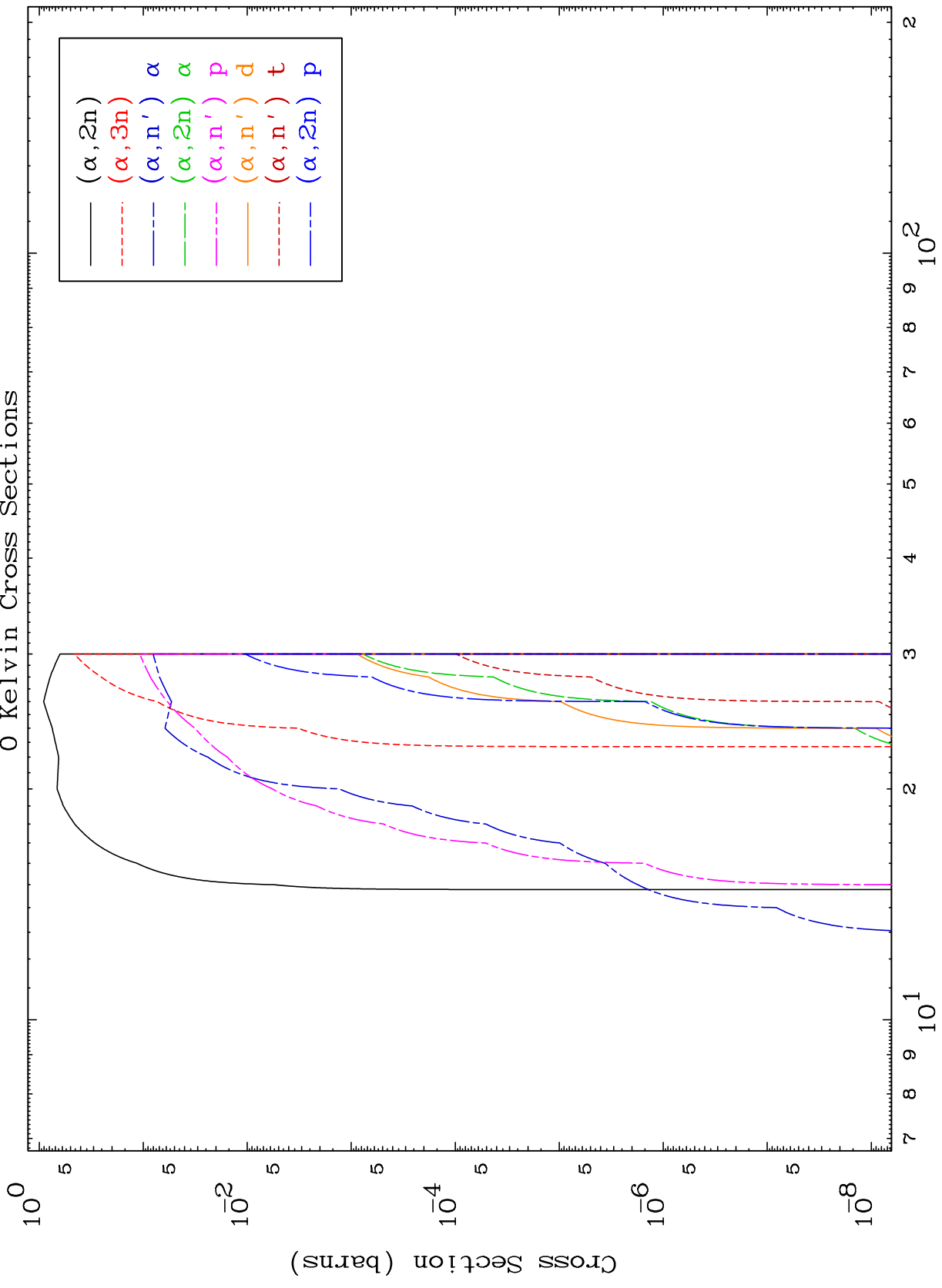
0 Kelvin Cross Sections



MAT 4440

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

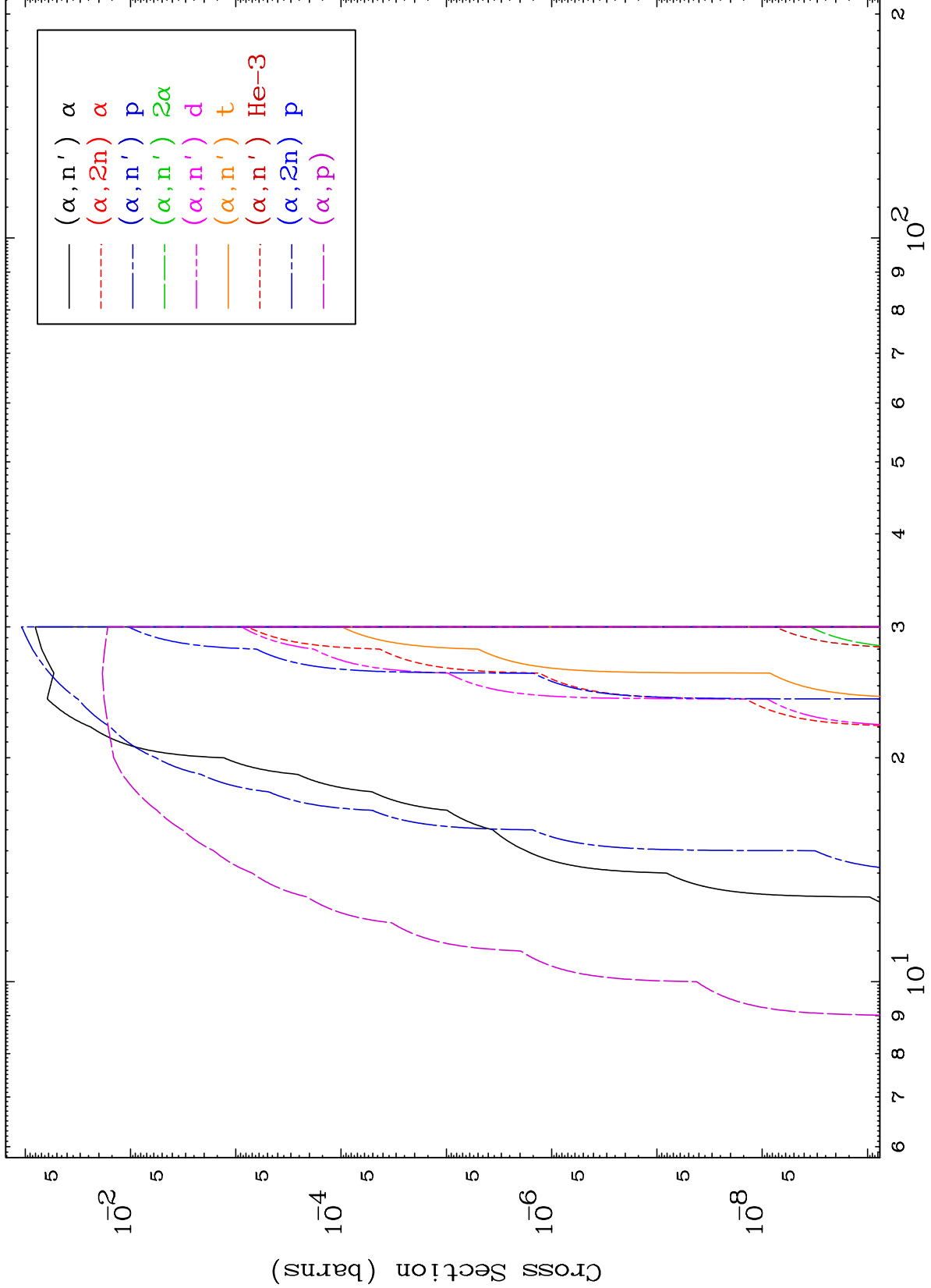
44-Ru-101



2

Incident Energy (MeV)

44-Ru-101

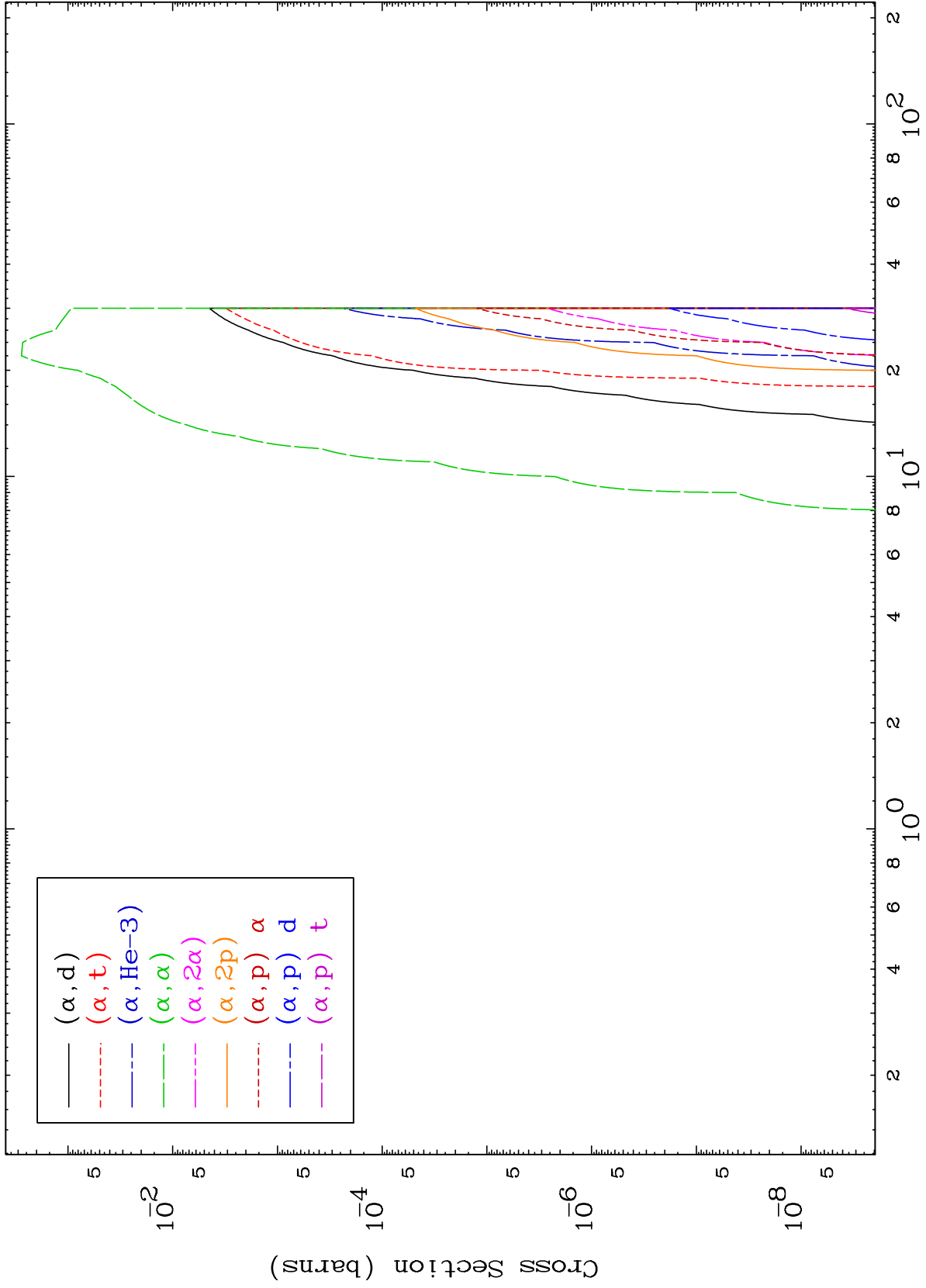


MAT 4440

$\alpha$  Charged Particle

44-Ru-101

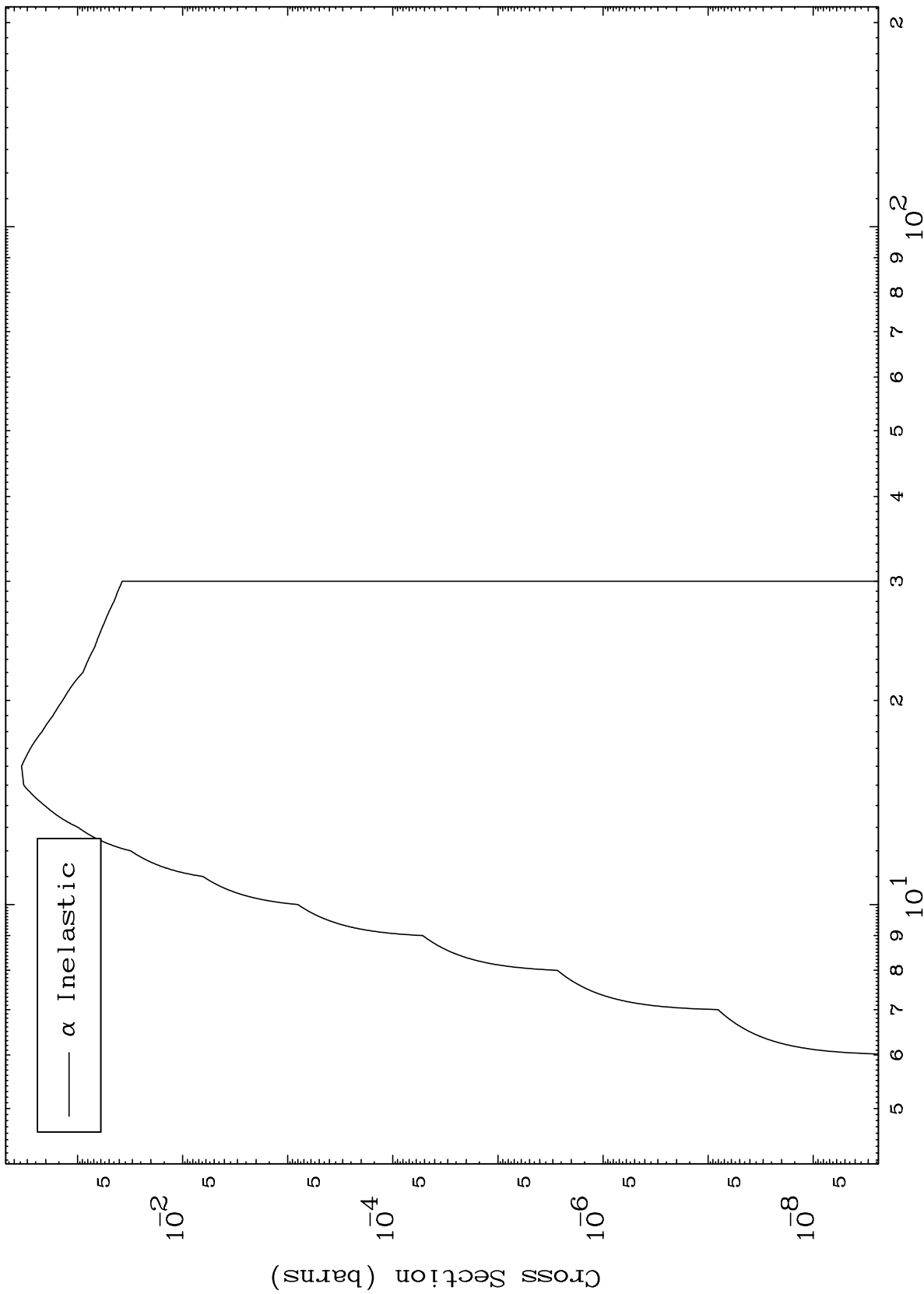
0 Kelvin Cross Sections



MAT 4440

44-Ru-101

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



—  $\alpha$  Inelastic

5

Incident Energy (MeV)

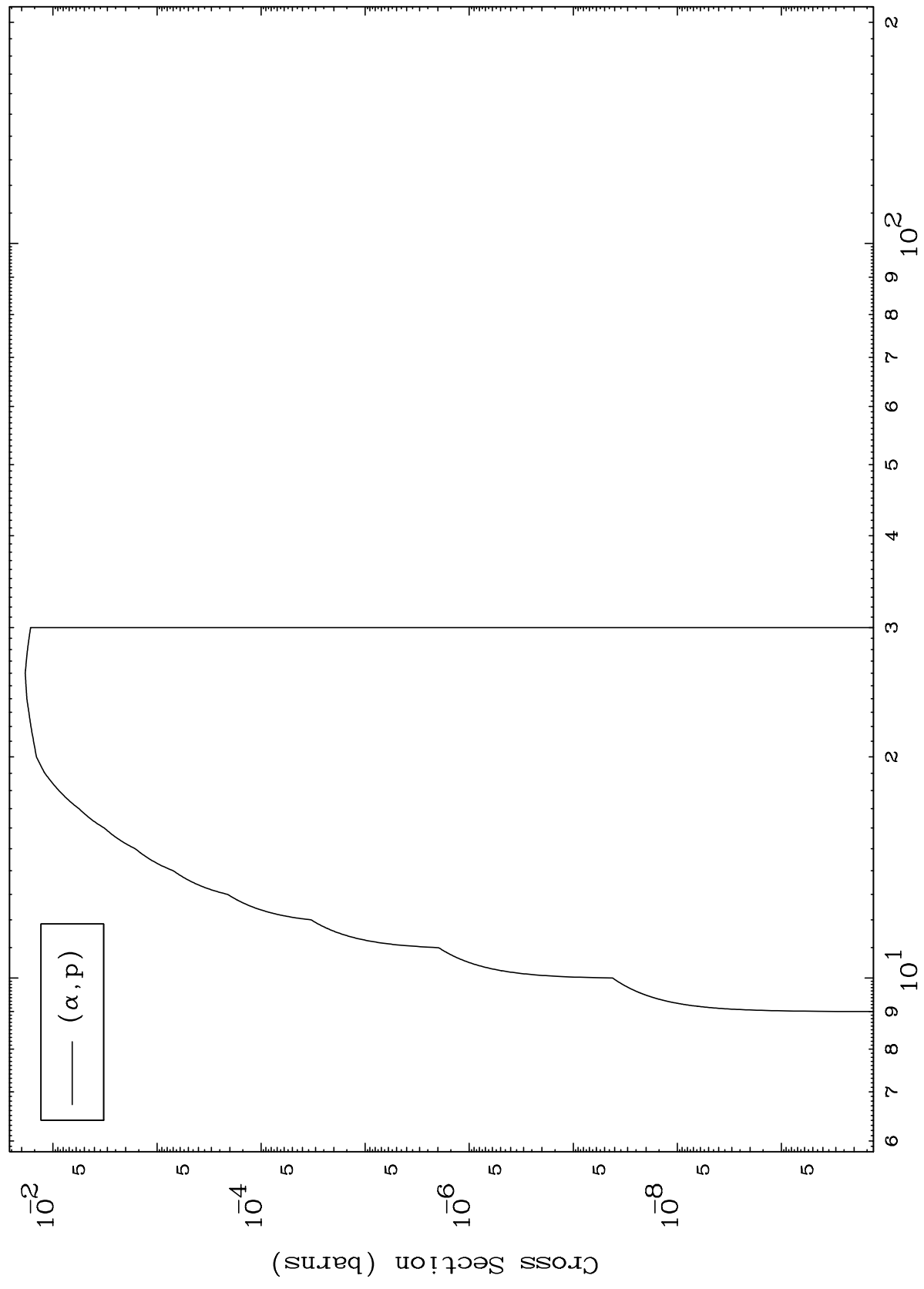
44-Ru-101

MAT 4440

( $\alpha, p$ ) Levels

44-Ru-101

0 Kelvin Cross Sections



6

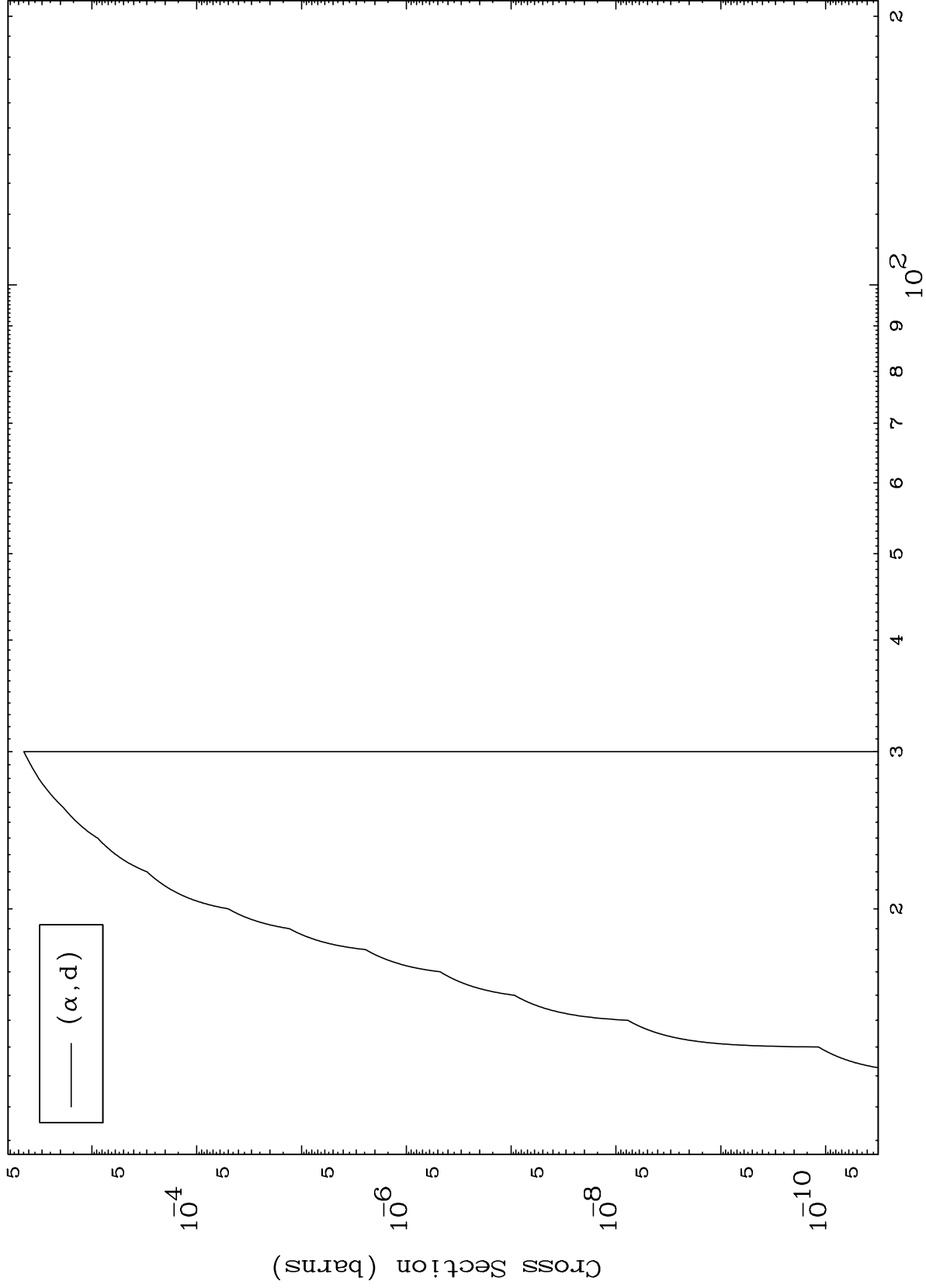
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



7

Incident Energy (MeV)

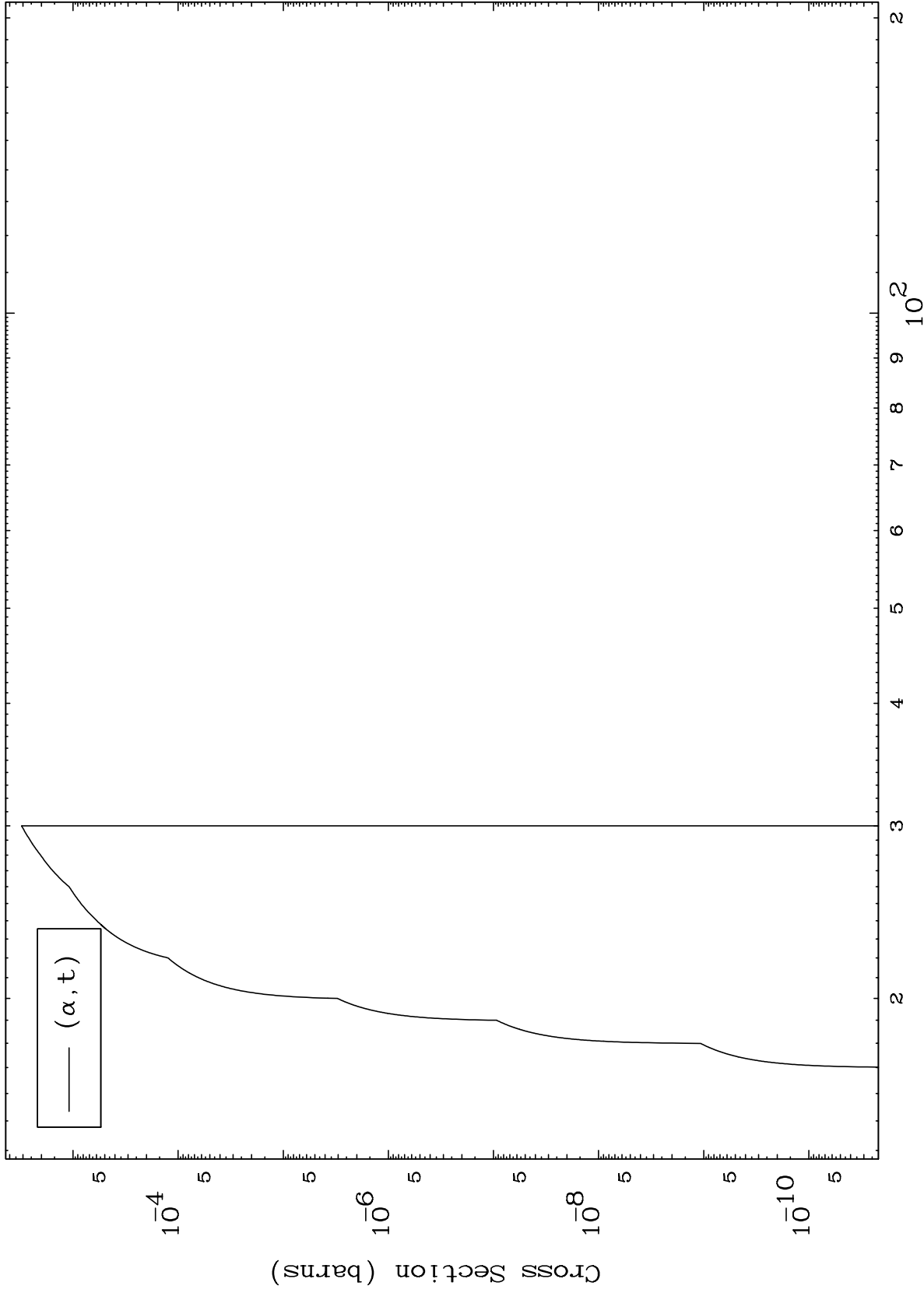
44-Ru-101



MAT 4440

44-Ru-101

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

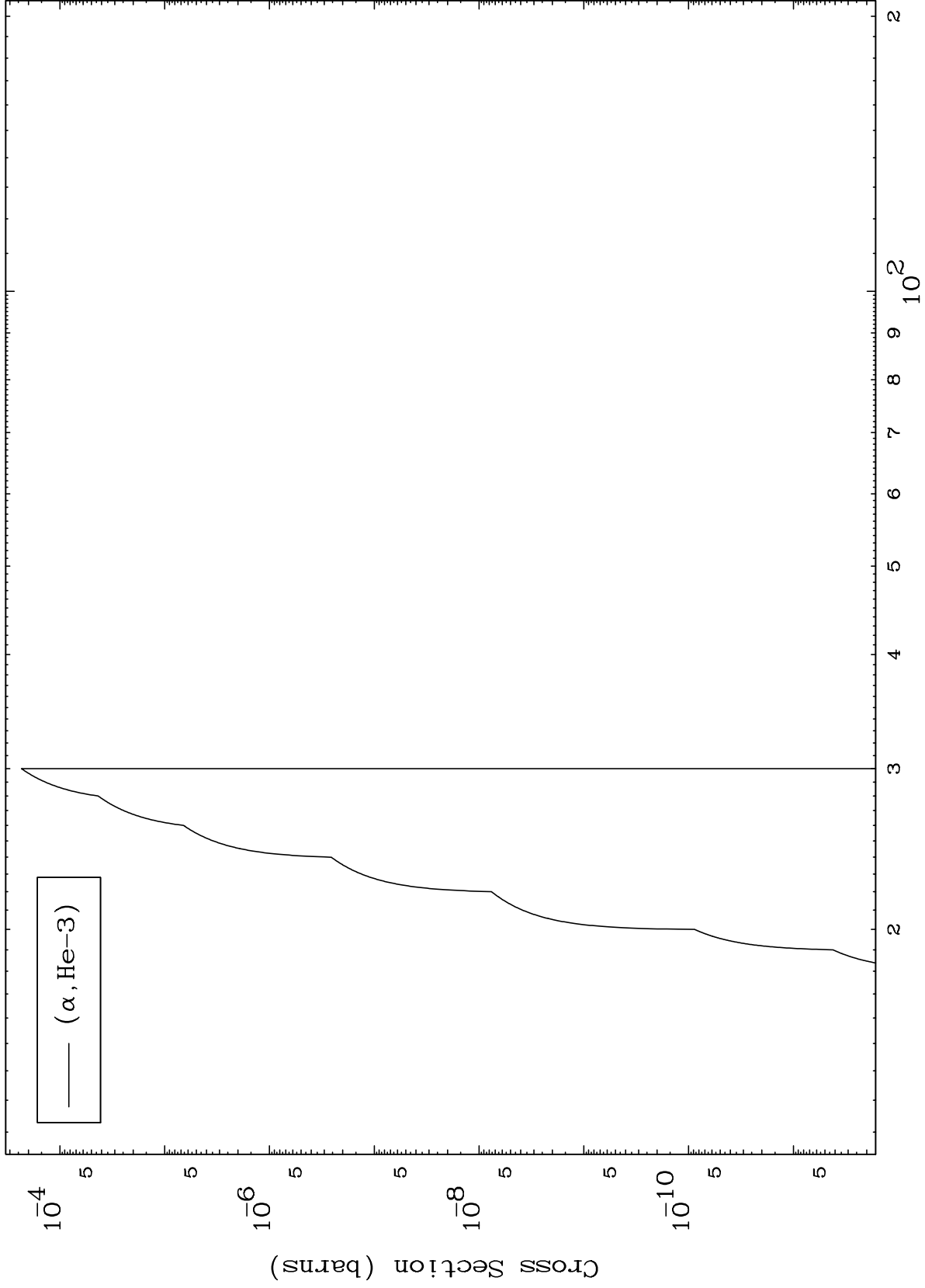


44-Ru-101

Incident Energy (MeV)

8

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

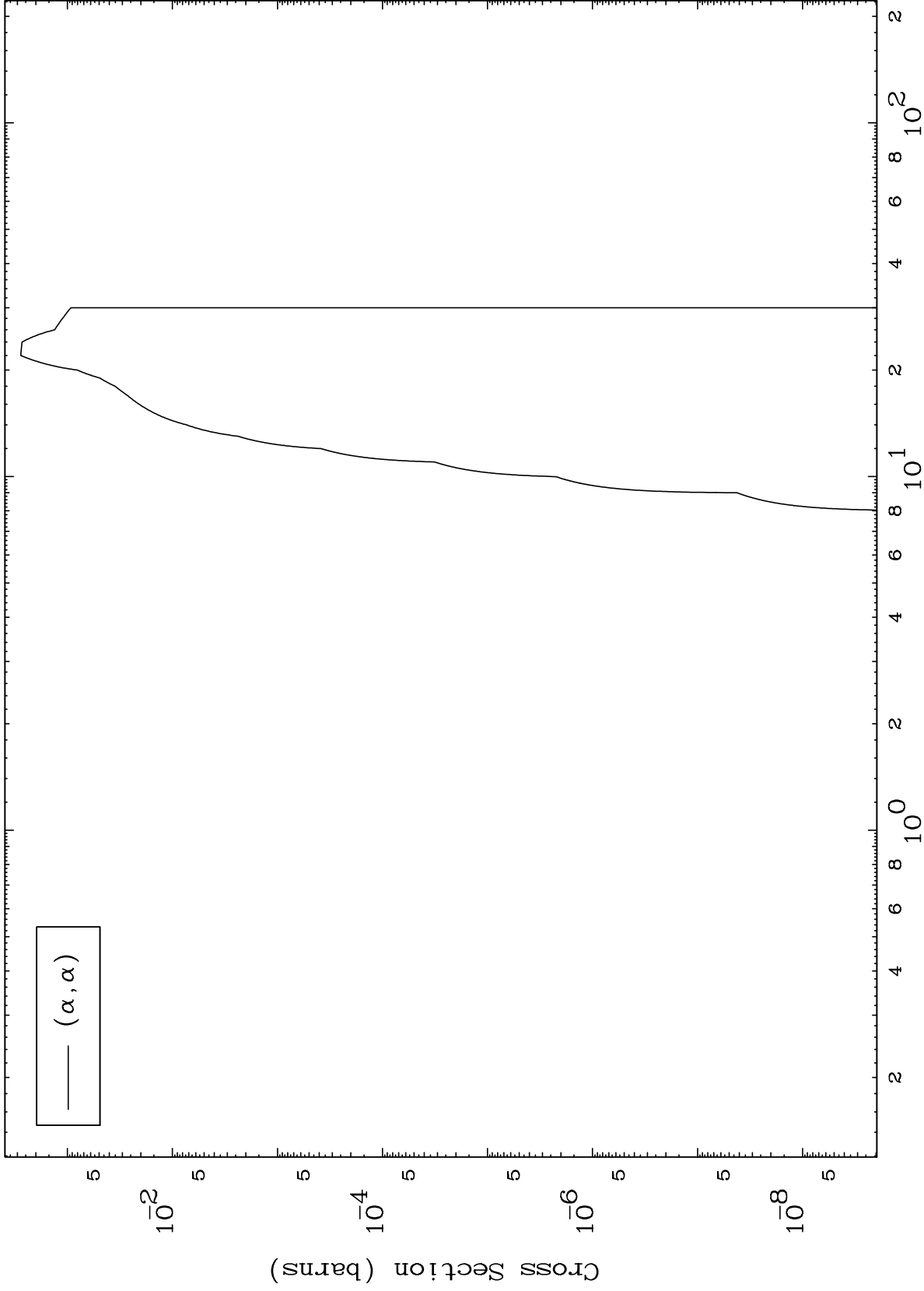


MAT 4440

( $\alpha, \alpha$ ) Levels

44-Ru-101

0 Kelvin Cross Sections



10

Incident Energy (MeV)

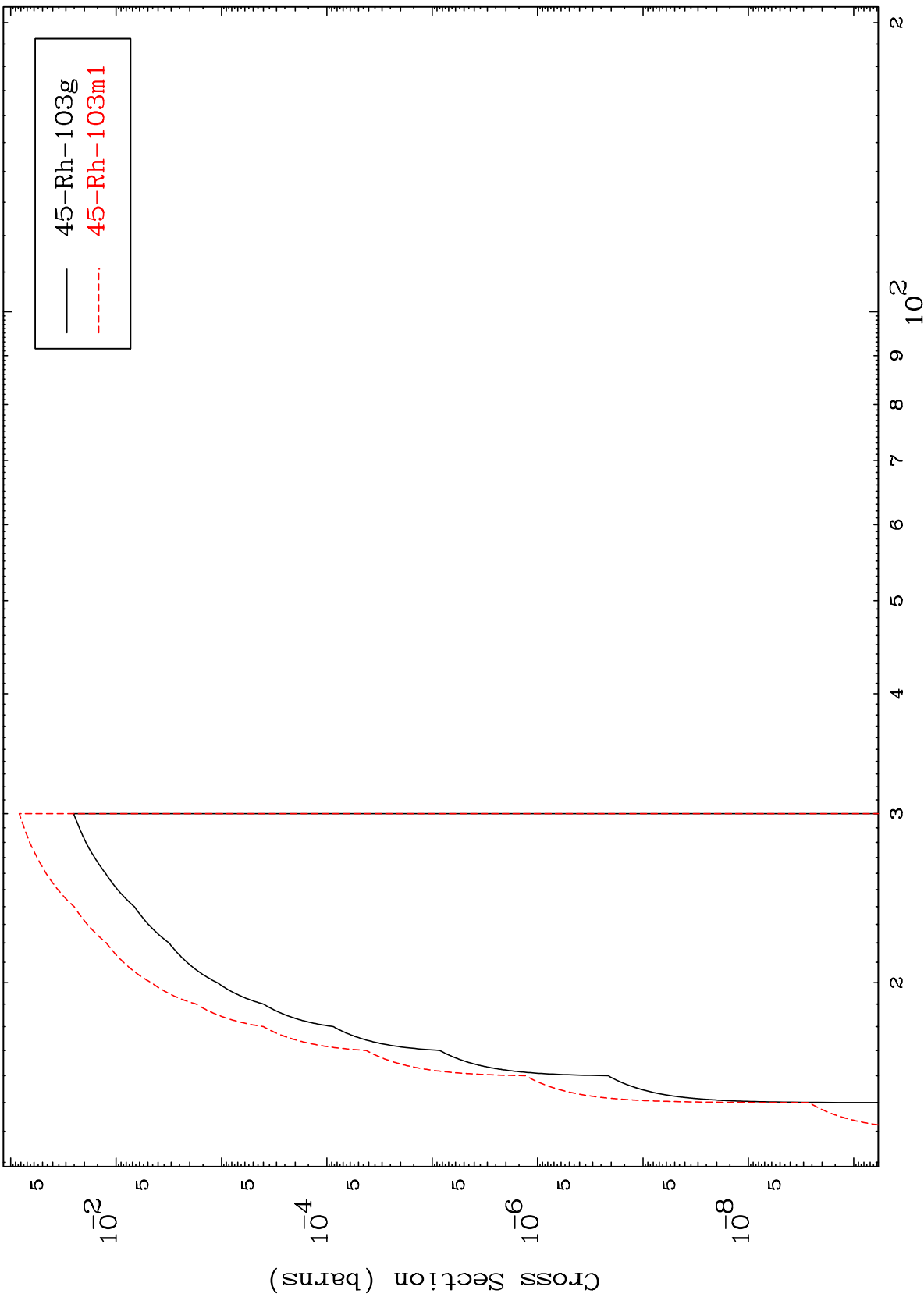
44-Ru-101

MAT 4440

$(\alpha, n')$  p

44-Ru-101

Radionuclide Production Cross Section



45-Rh-103g  
45-Rh-103m1

11

Incident Energy (MeV)

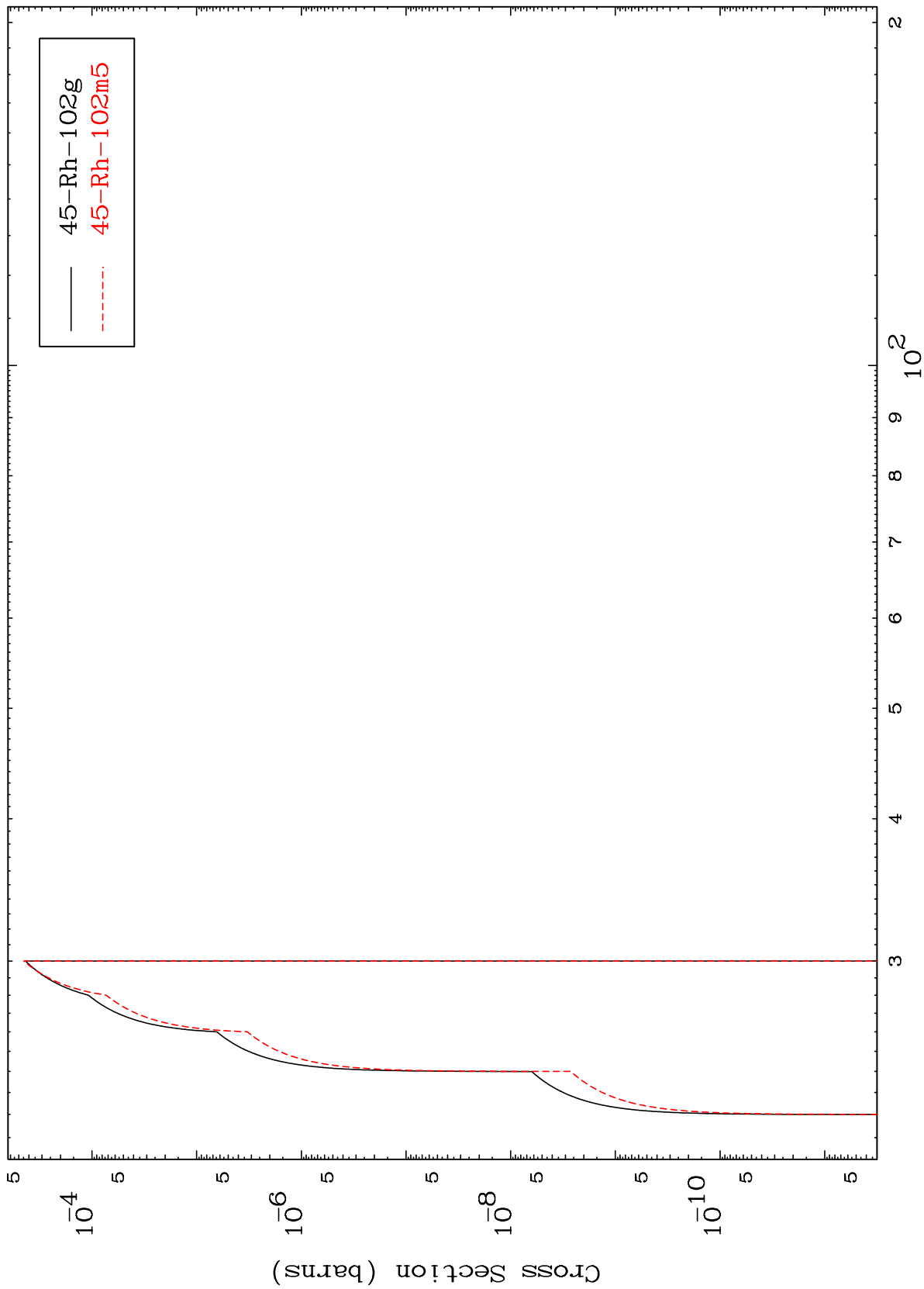
44-Ru-101

MAT 4440

( $\alpha, n'$ ) d

44-Ru-101

Radionuclide Production Cross Section



12

Incident Energy (MeV)

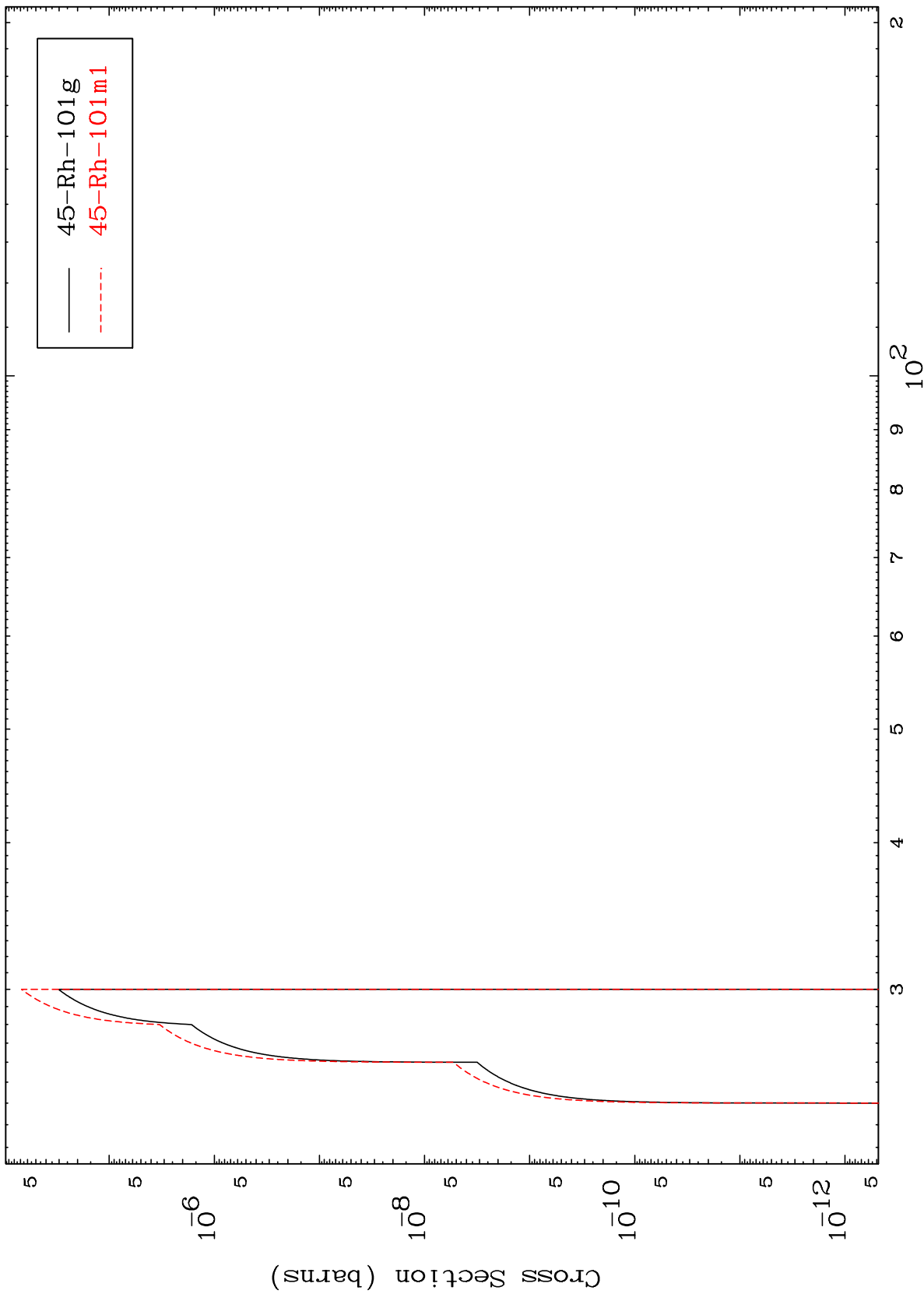
44-Ru-101

MAT 4440

( $\alpha, n'$ ) t

44-Ru-101

Radionuclide Production Cross Section



13

Incident Energy (MeV)

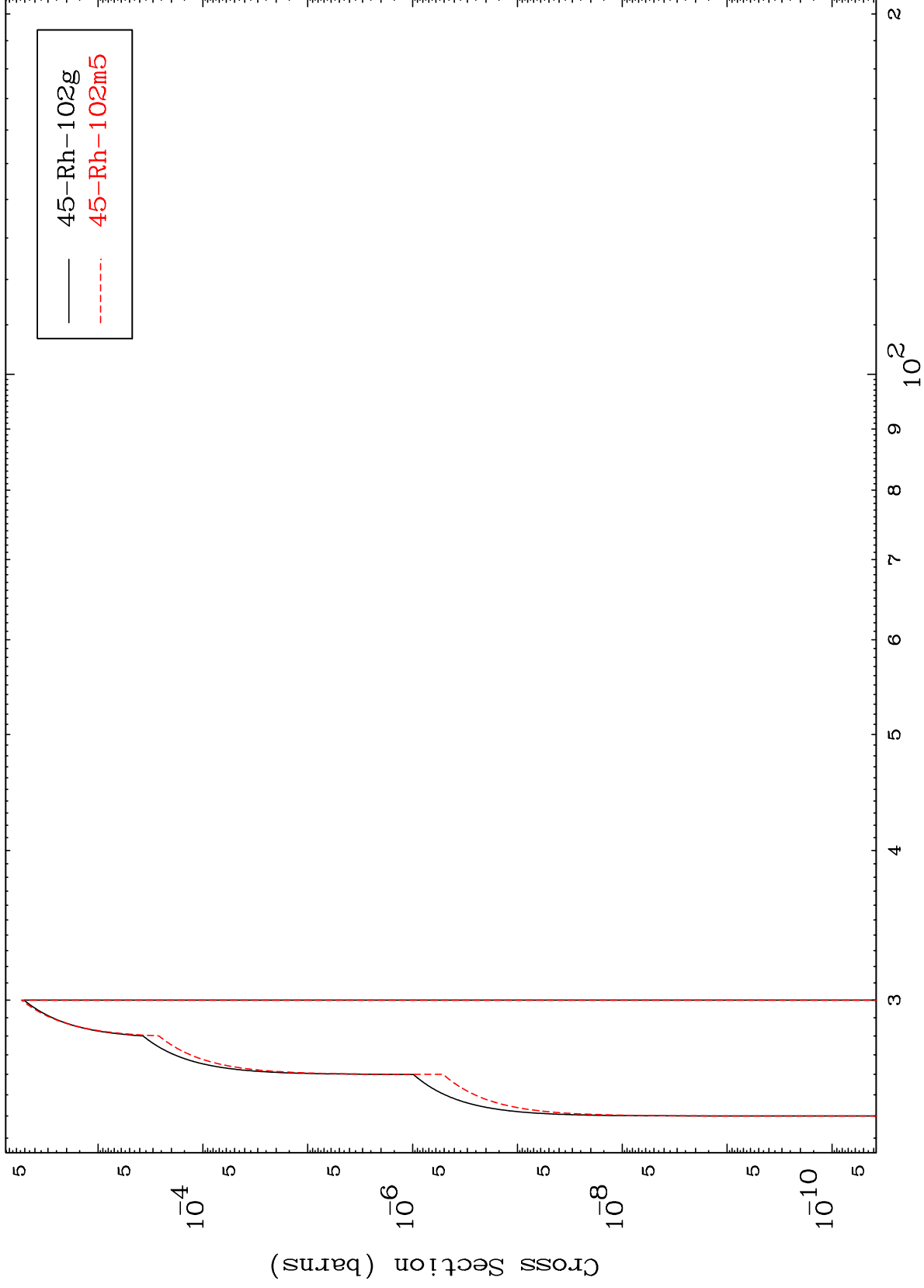
44-Ru-101

MAT 4440

$(\alpha, 2n)$  p

44-Ru-101

Radionuclide Production Cross Section



14

Incident Energy (MeV)

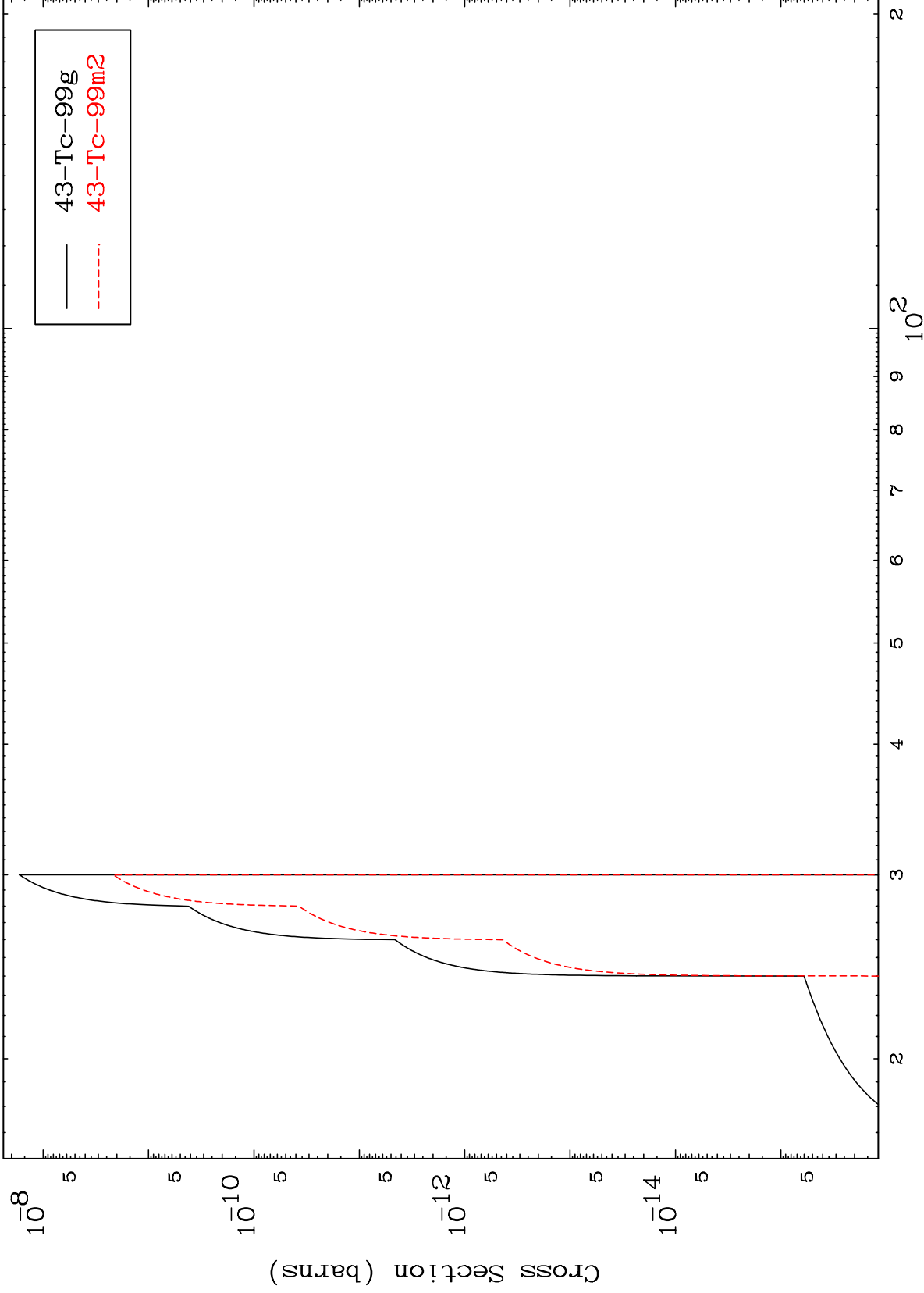
44-Ru-101

MAT 4440

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

44-Ru-101

Radionuclide Production Cross Section



15

Incident Energy (MeV)

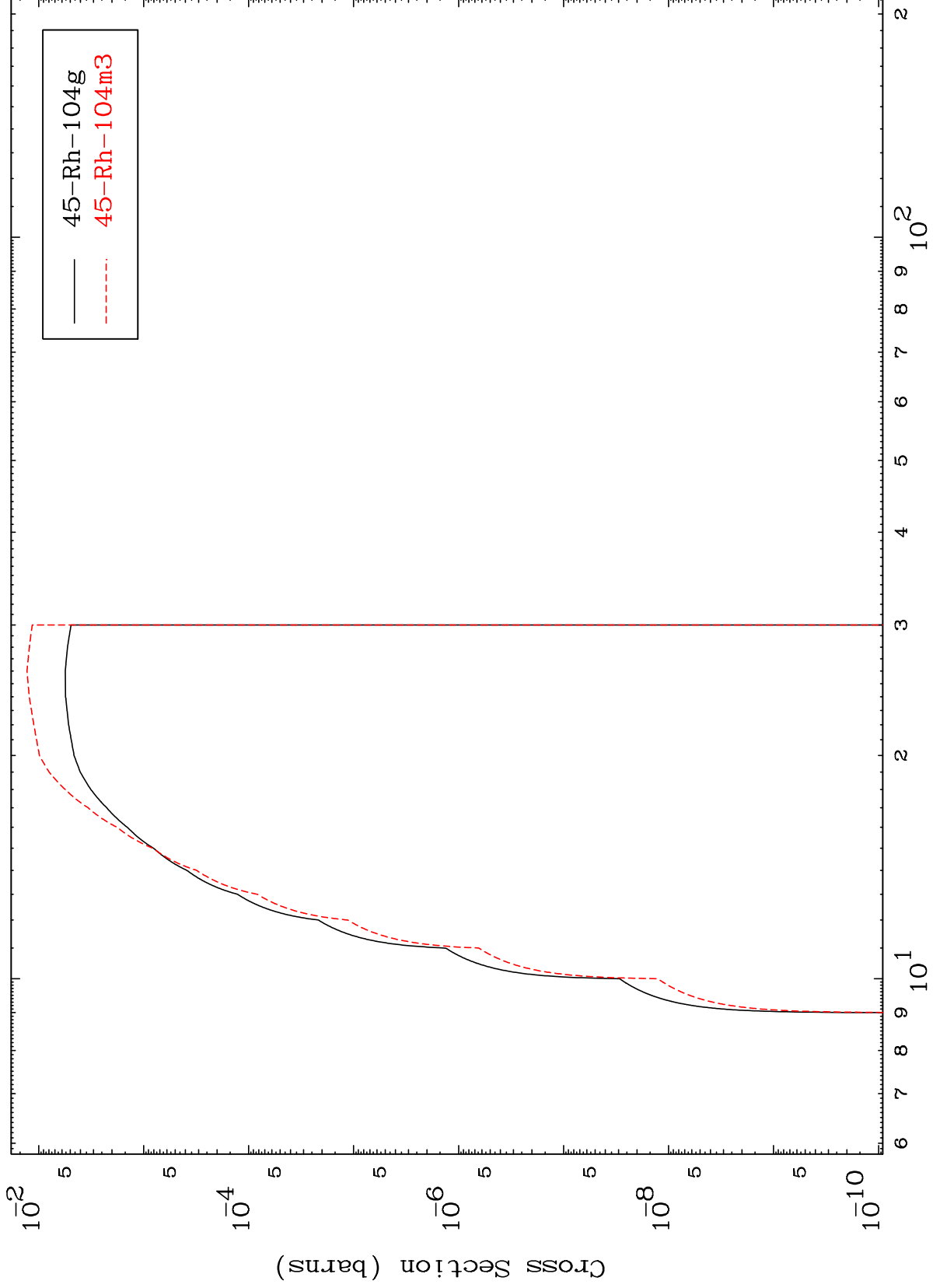
44-Ru-101



MAT 4440

44-Ru-101

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

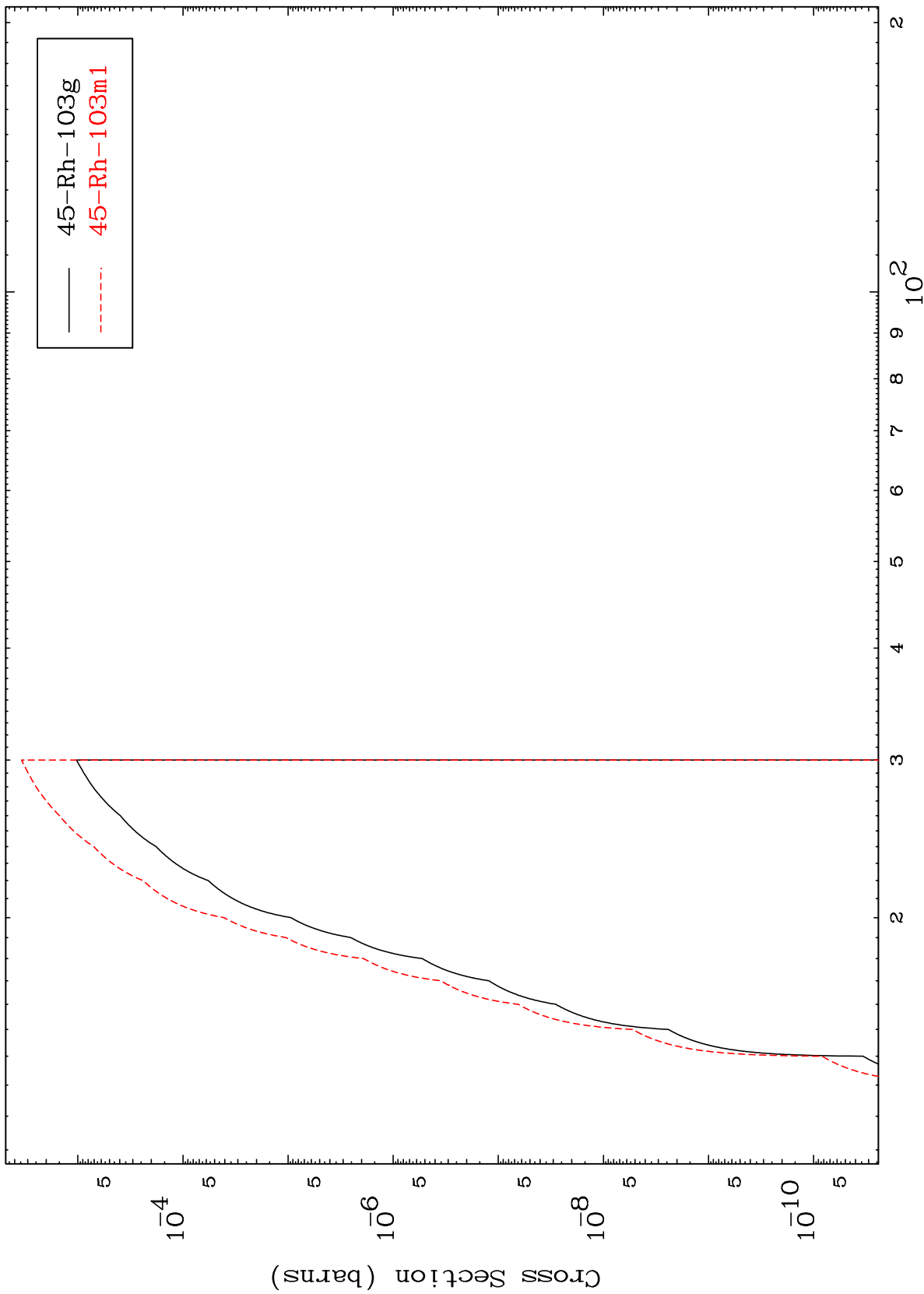


16

Incident Energy (MeV)

44-Ru-101

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

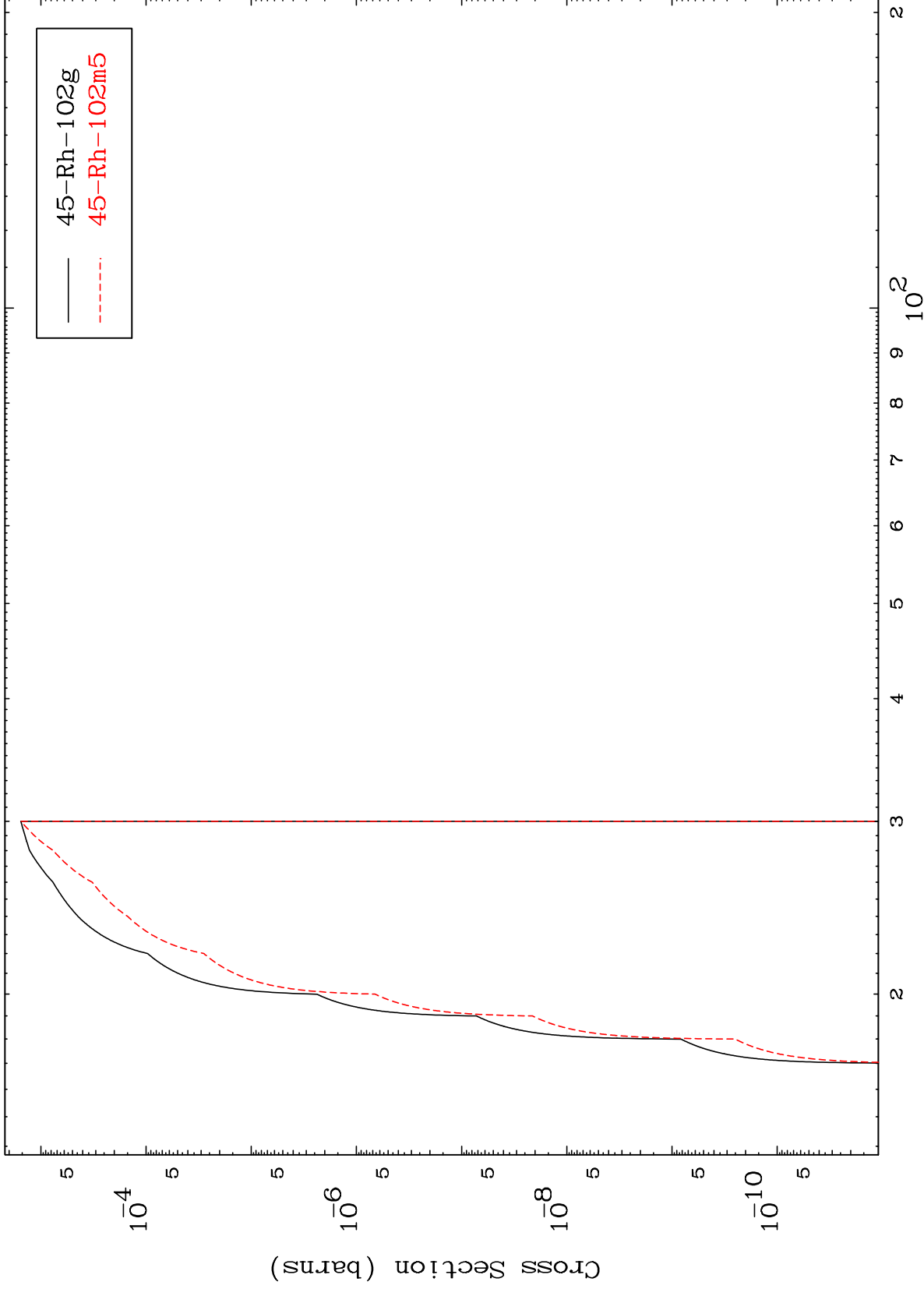


MAT 4440

( $\alpha, t$ )

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

