

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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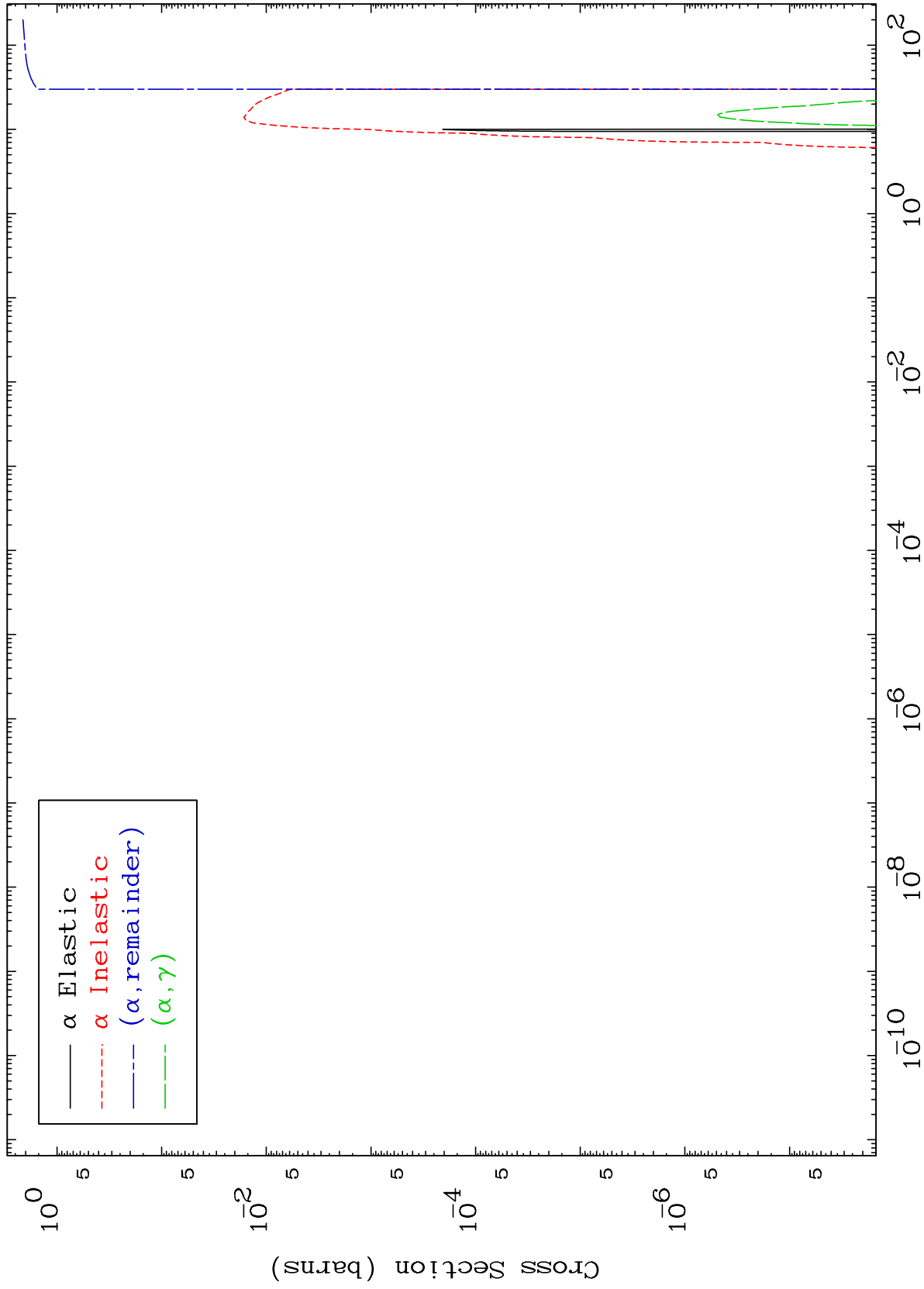
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4464

0 Kelvin  $\alpha$  Major  
Cross Sections

44-Ru-109



1

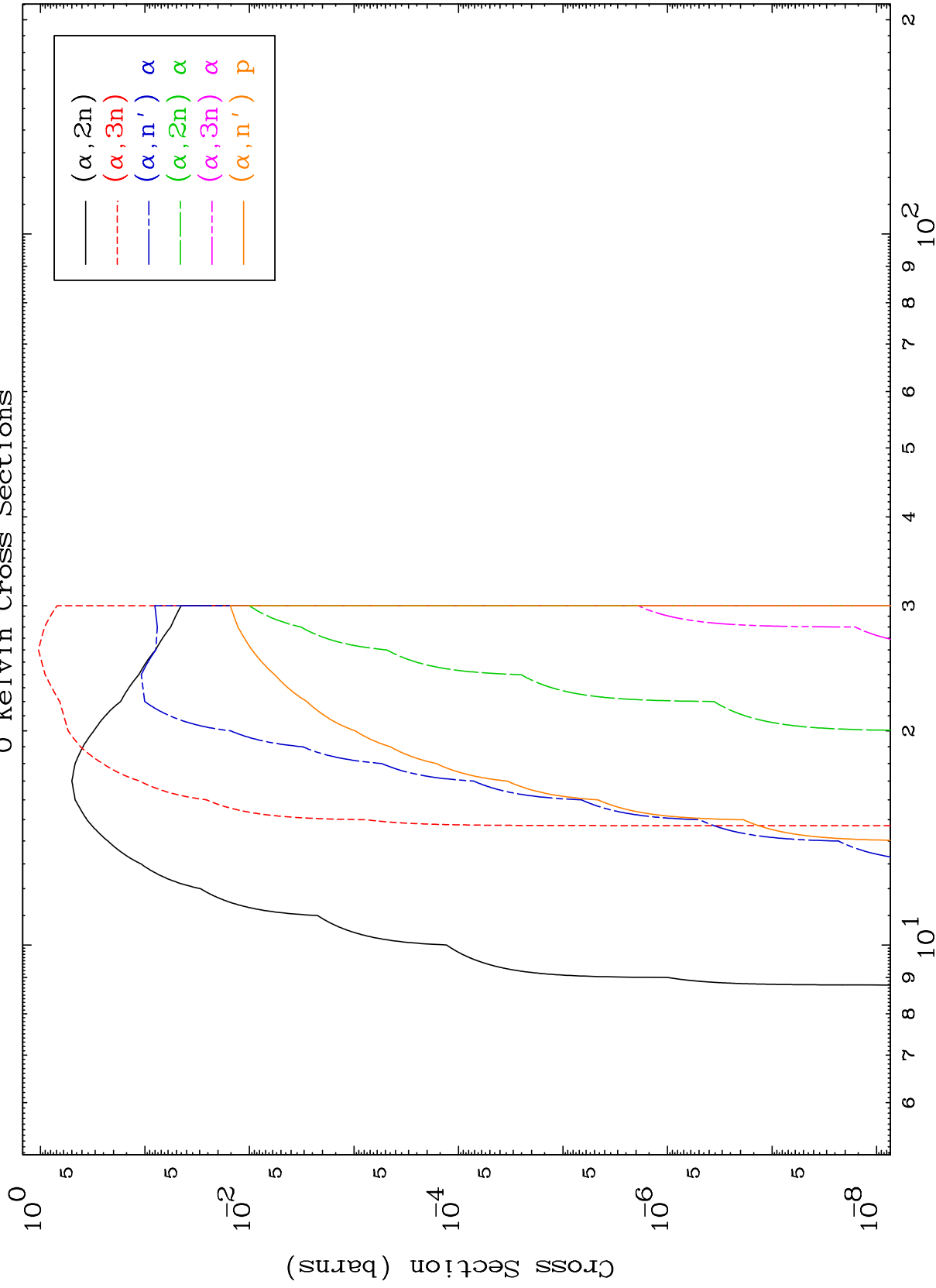
Incident Energy (MeV)

44-Ru-109

MAT 4464

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

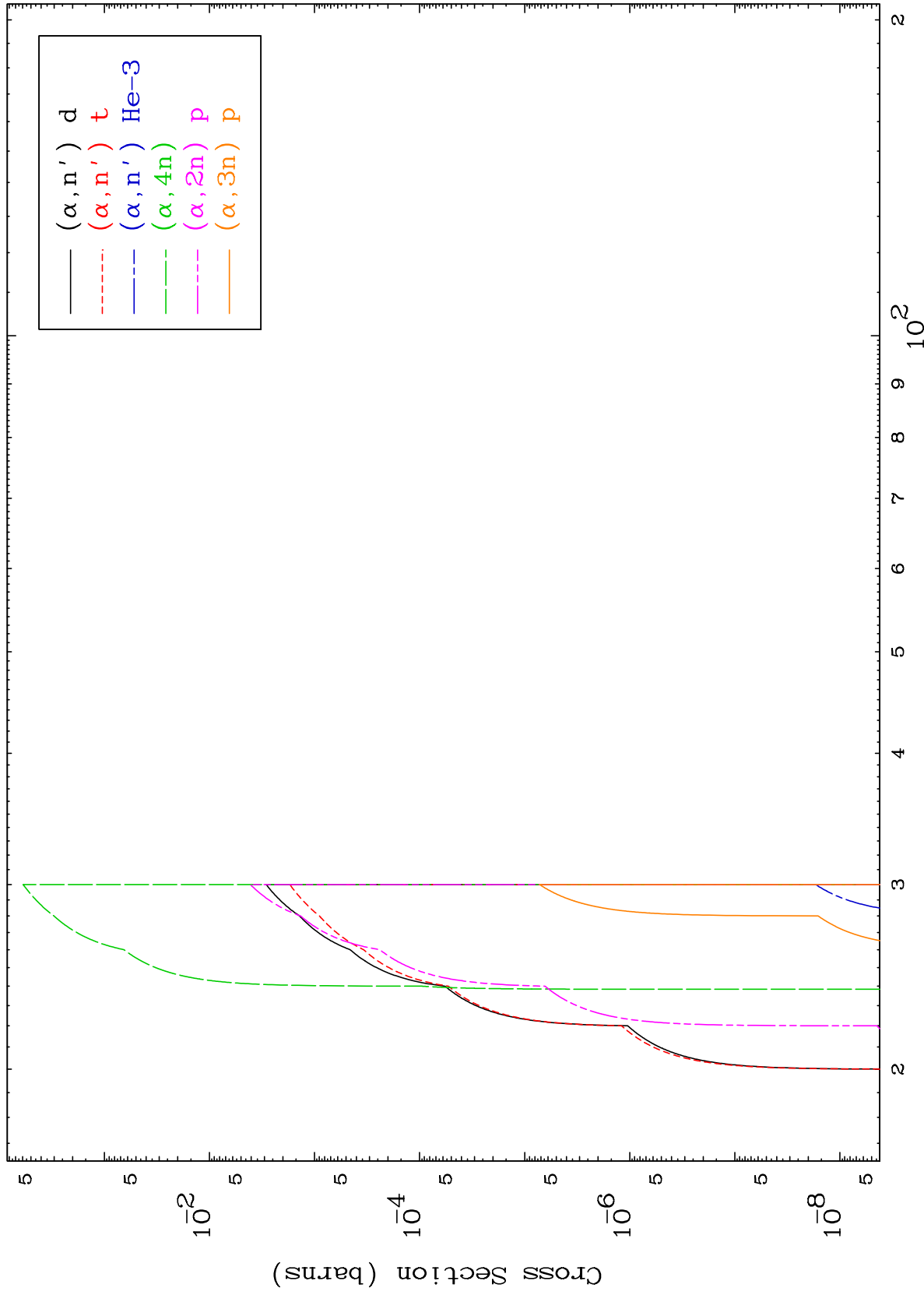
44-Ru-109

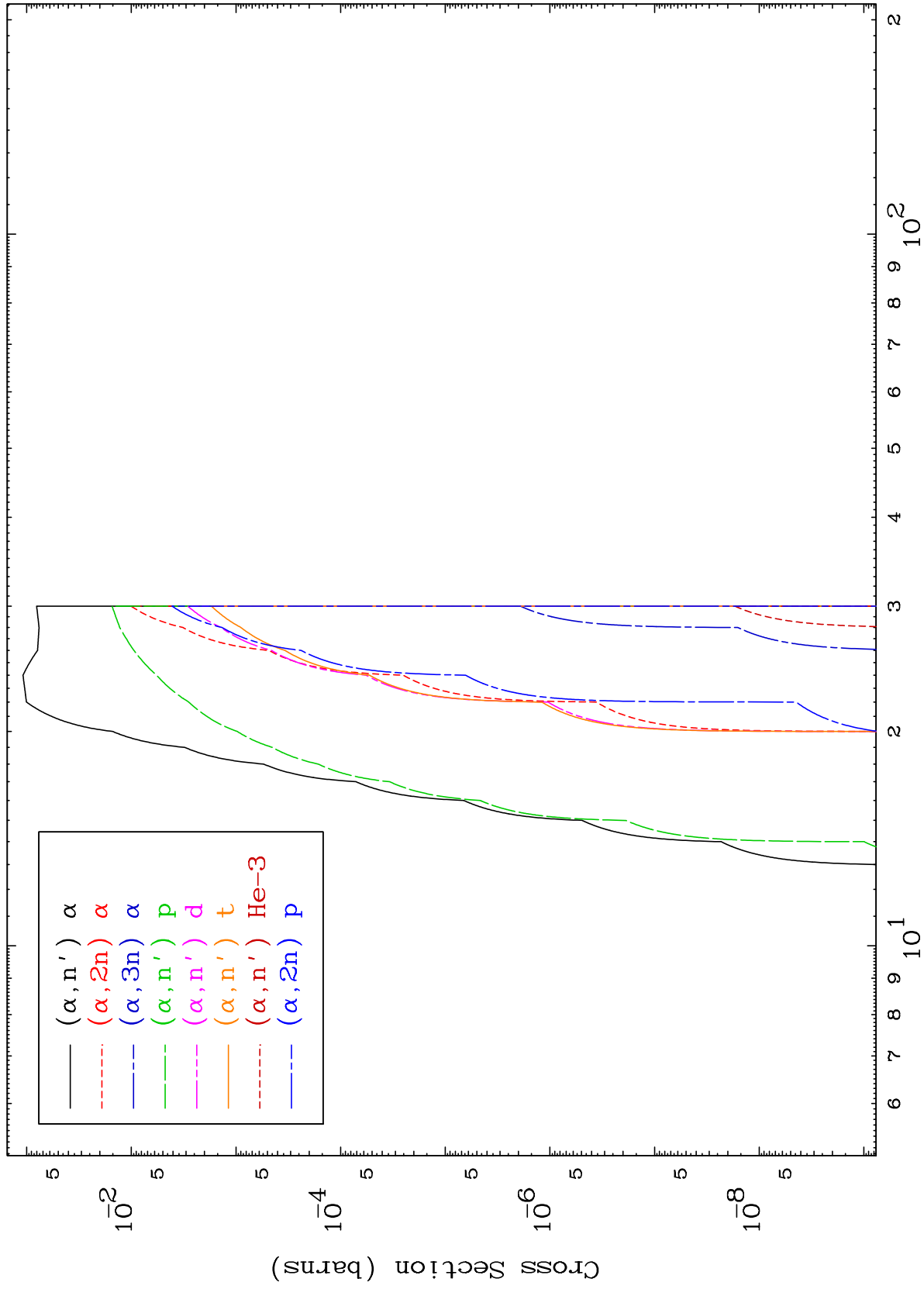


2

Incident Energy (MeV)

44-Ru-109

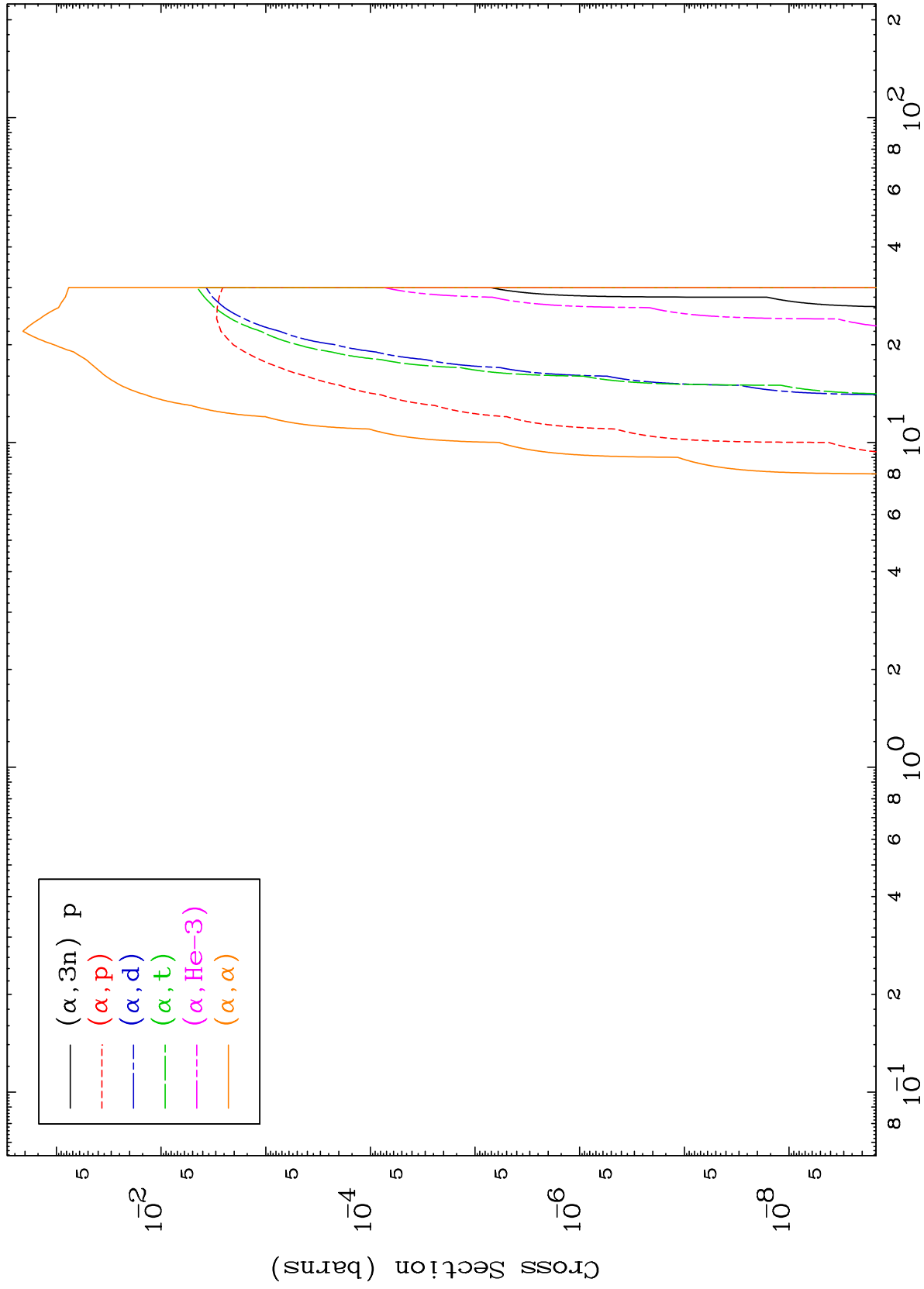




MAT 4464

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

44-Ru-109



5

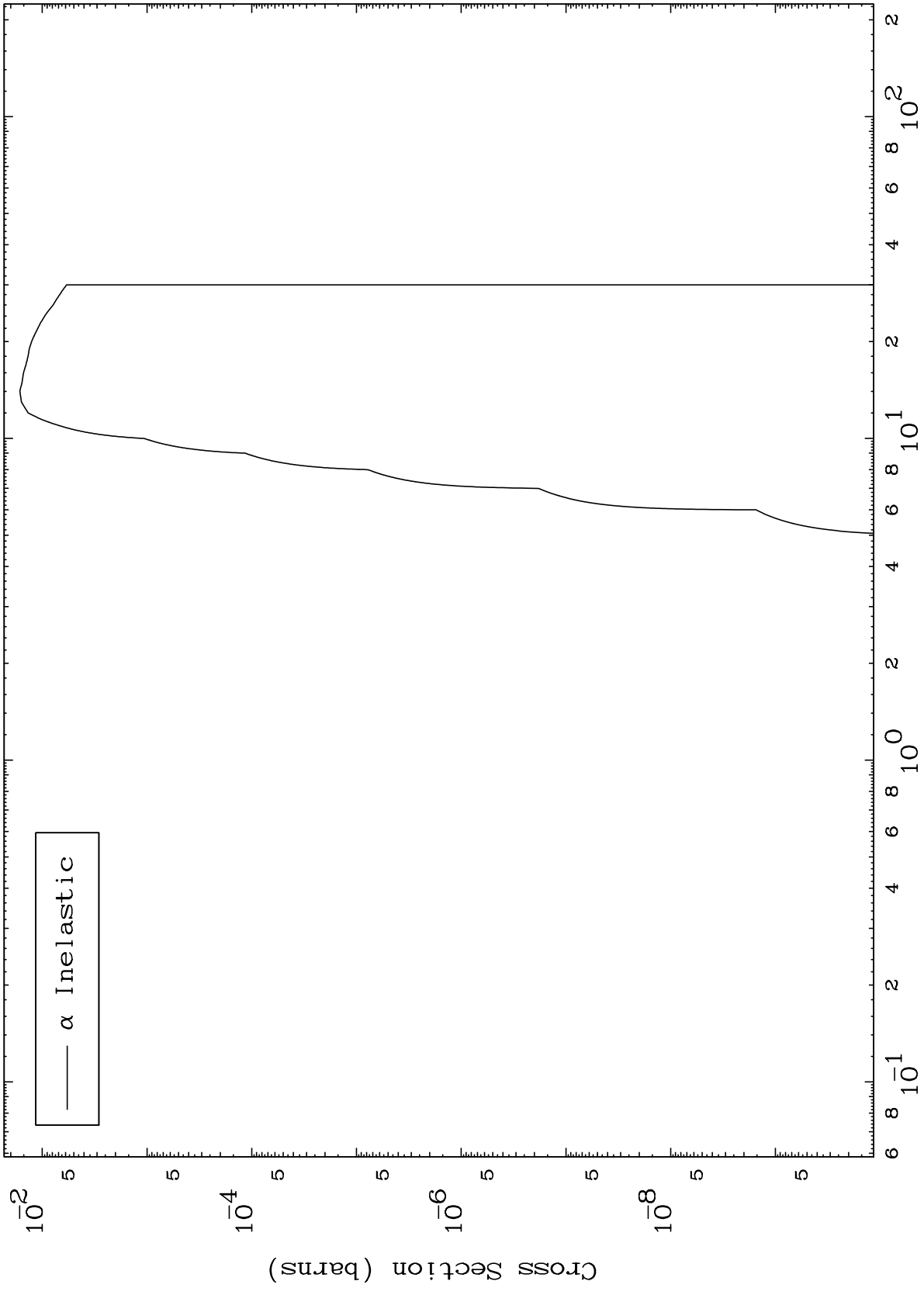
Incident Energy (MeV)

44-Ru-109

MAT 4464

44-Ru-109

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



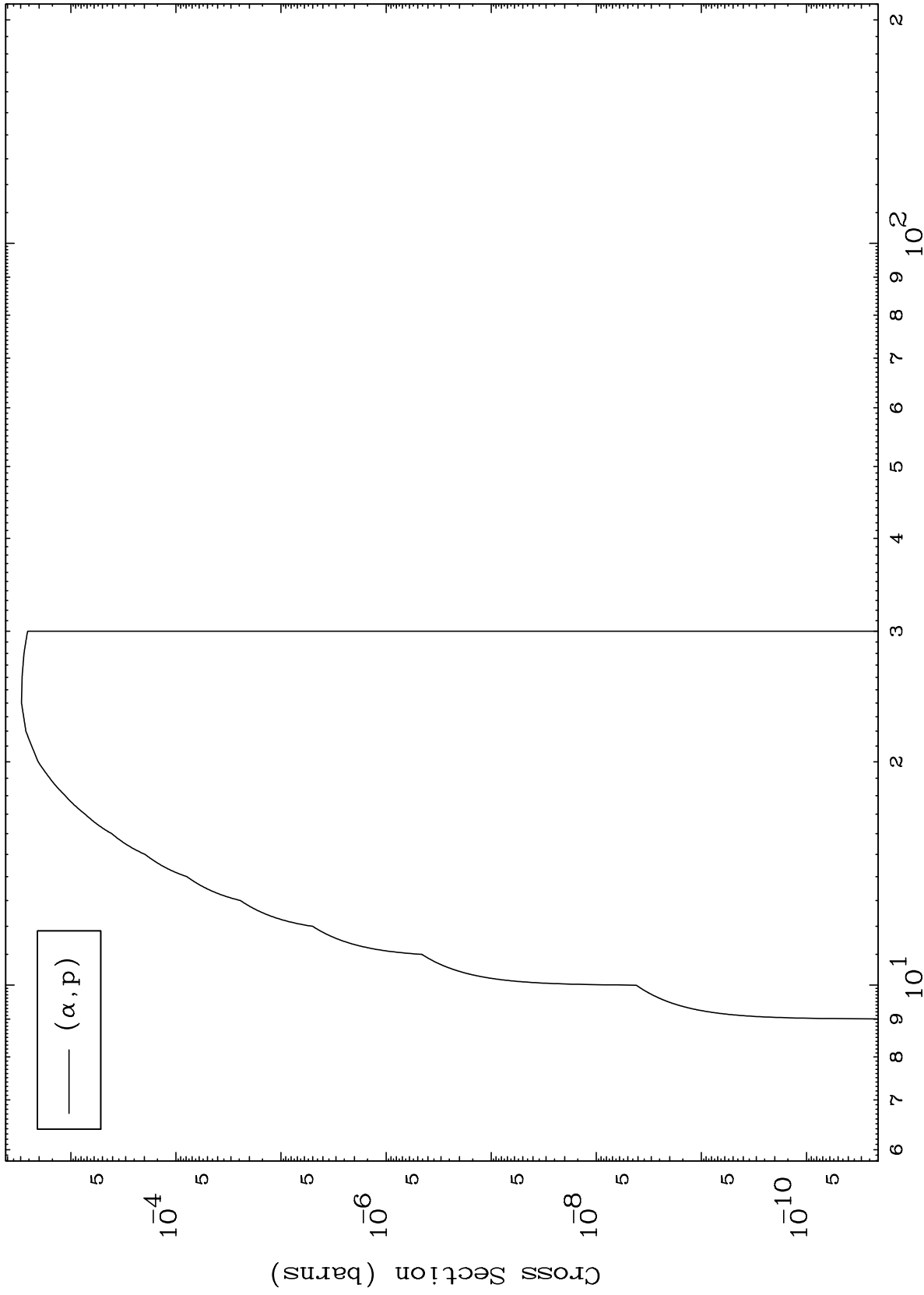
6

44-Ru-109

MAT 4464

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

44-Ru-109



7

Incident Energy (MeV)

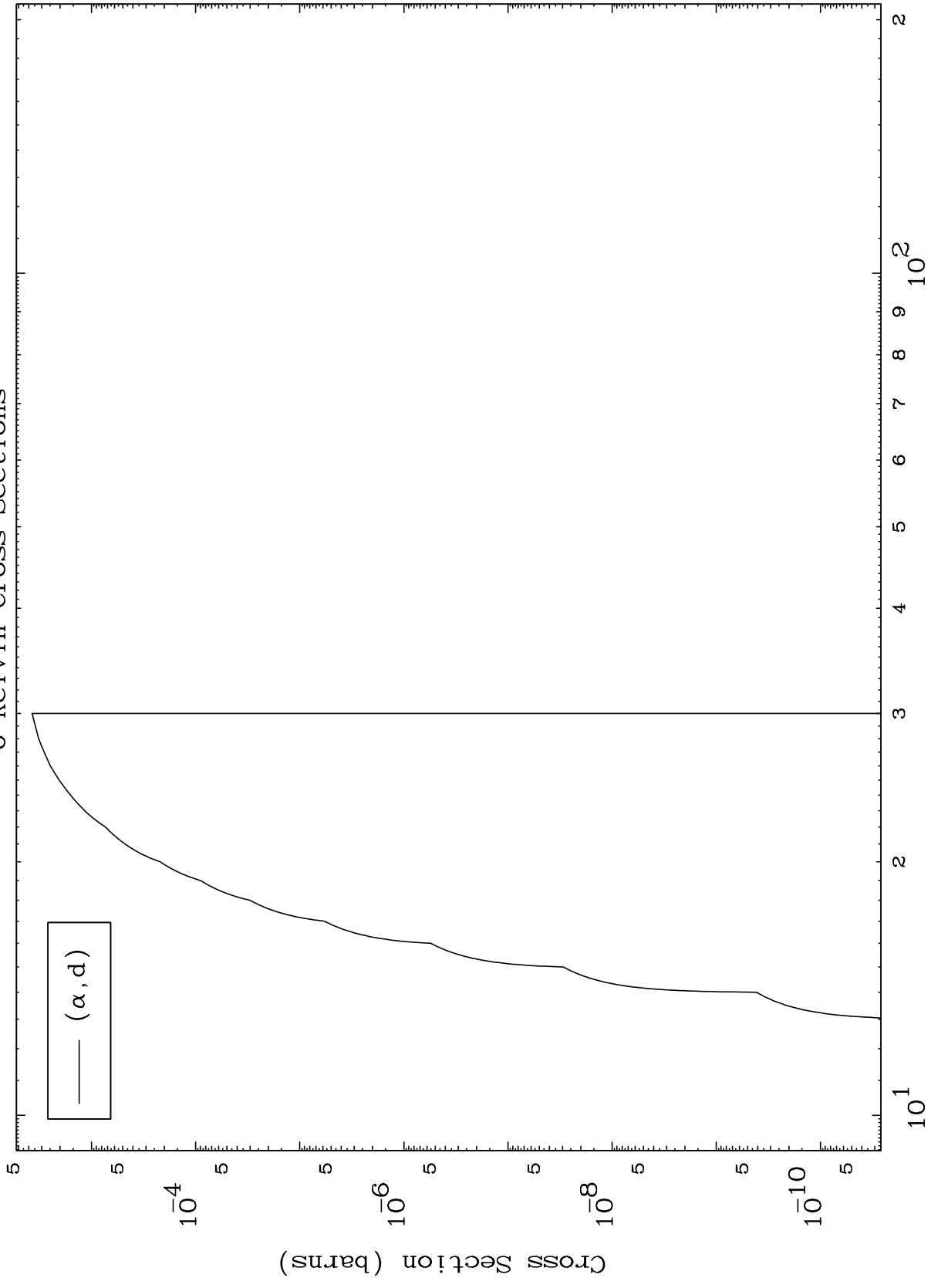
44-Ru-109



MAT 4464

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

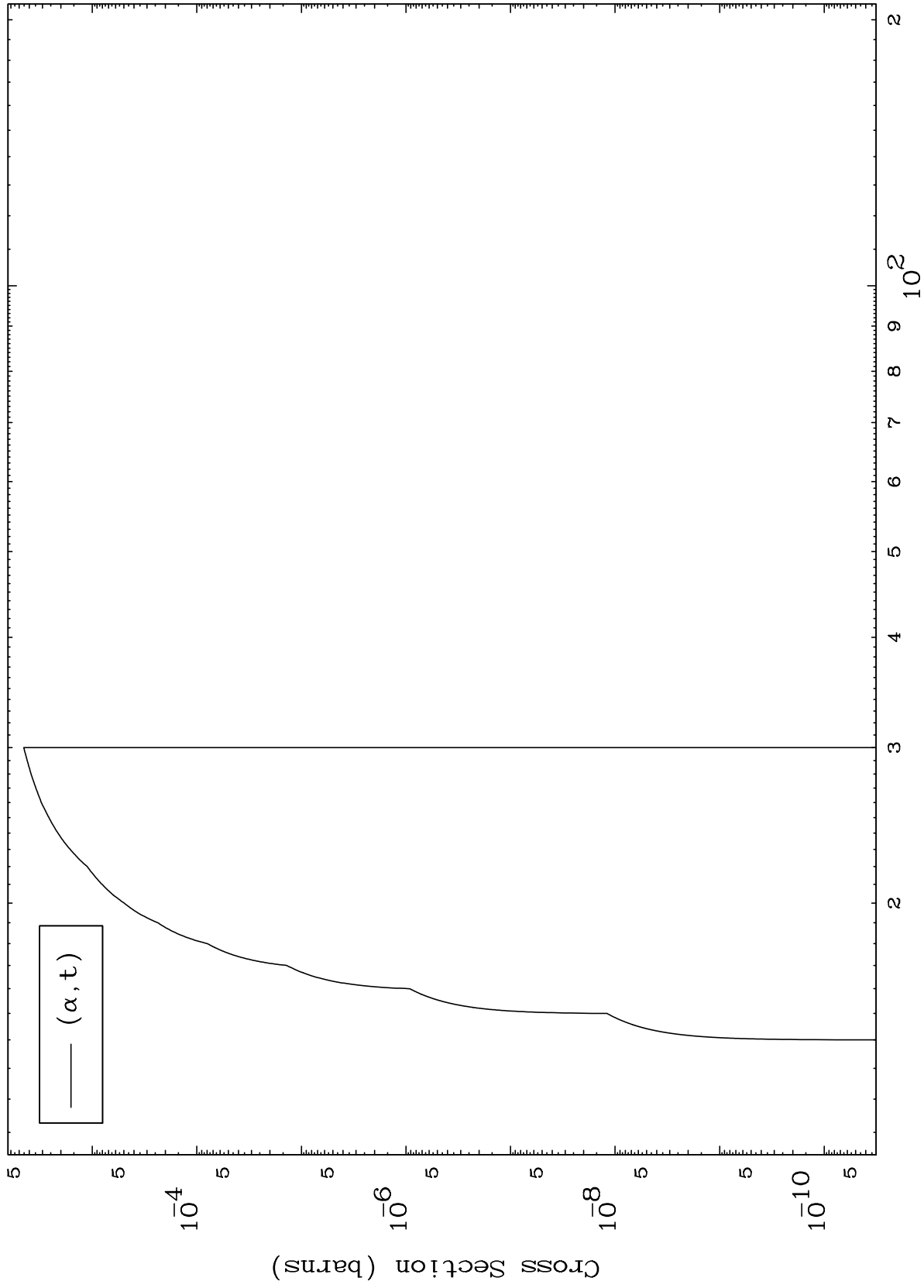
44-Ru-109



8

Incident Energy (MeV)

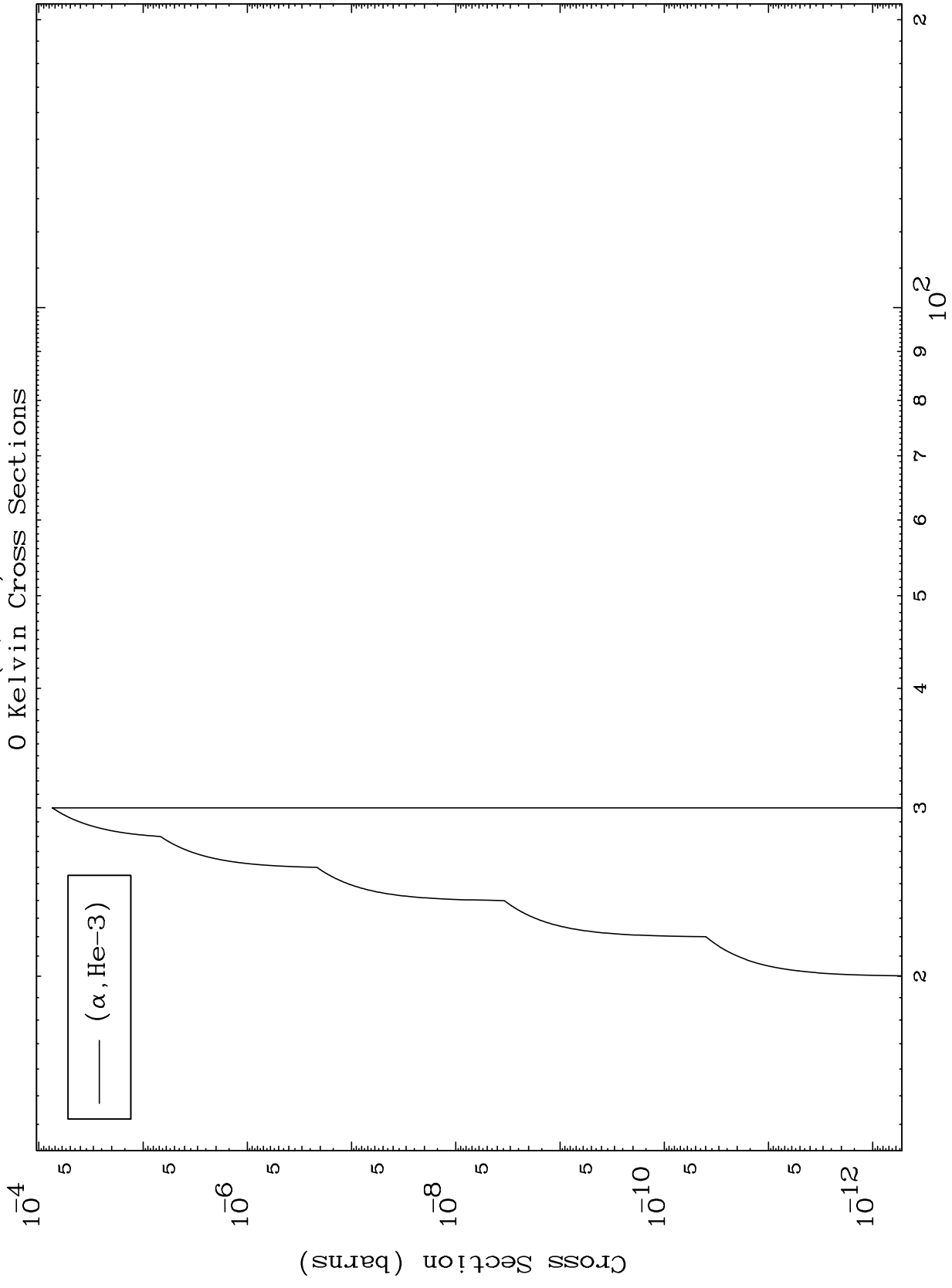
44-Ru-109



MAT 4464

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

44-Ru-109



10

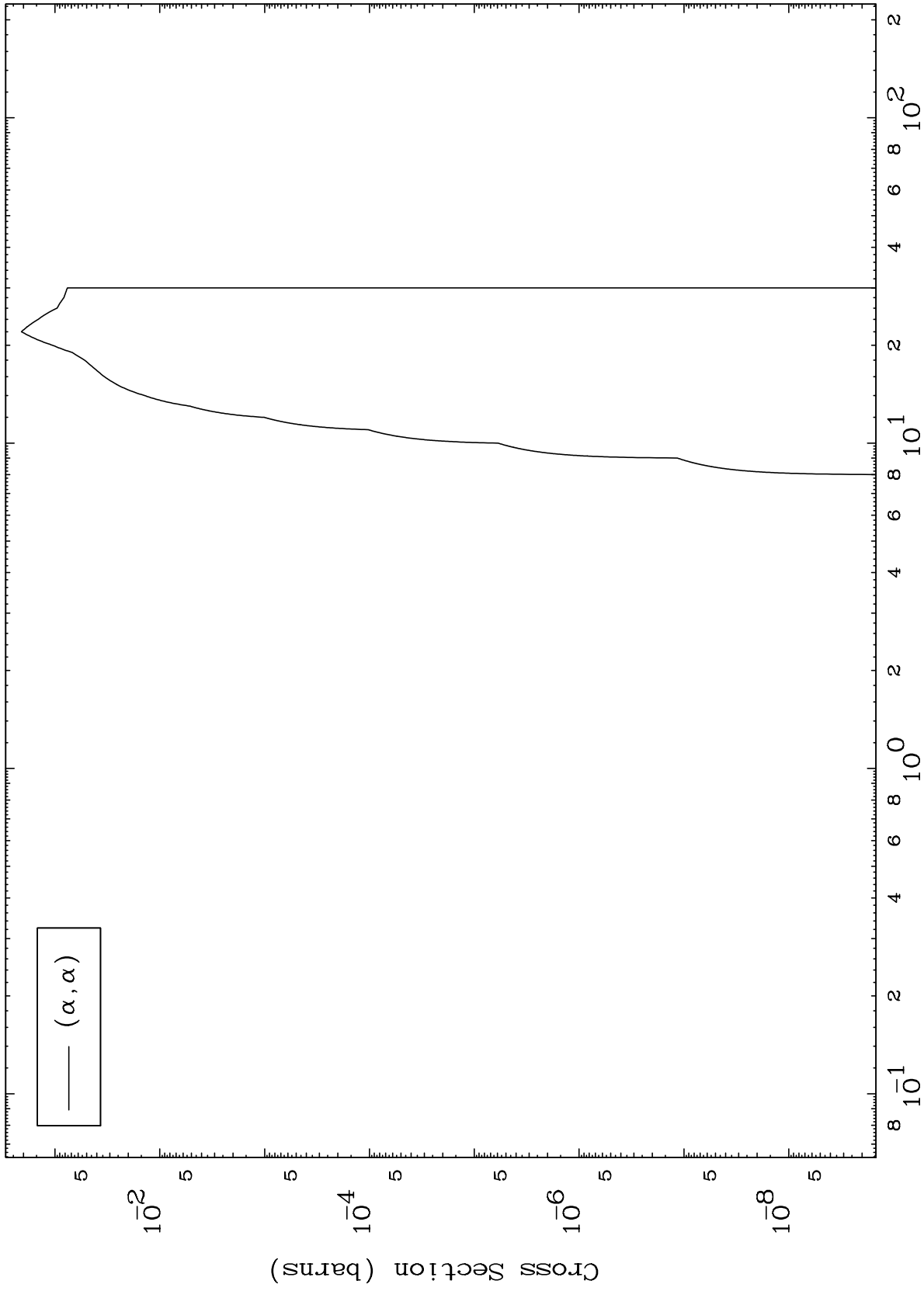
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



11

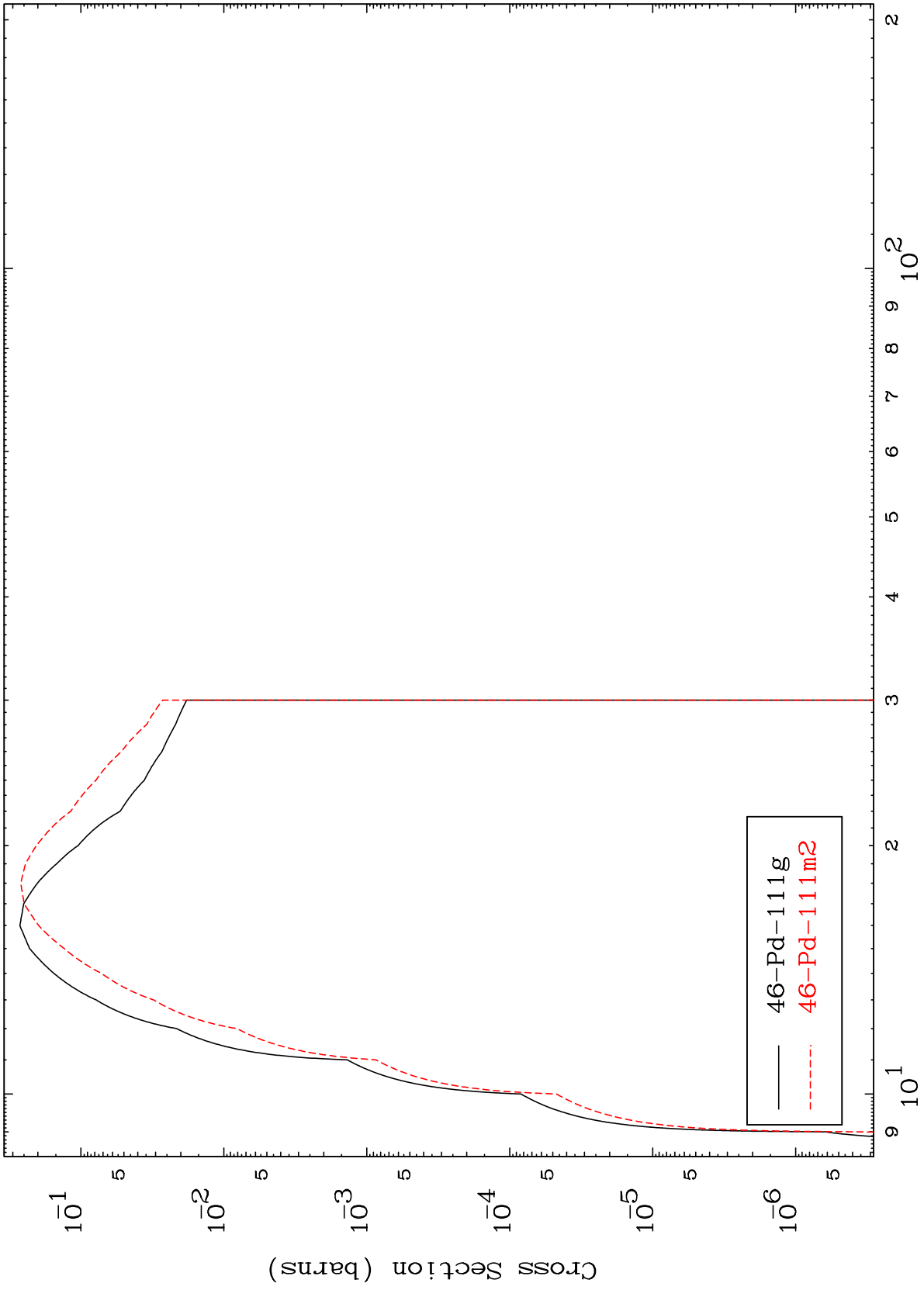
Incident Energy (MeV)

44-Ru-109

MAT 4464

44-Ru-109

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



44-Ru-109

Incident Energy (MeV)

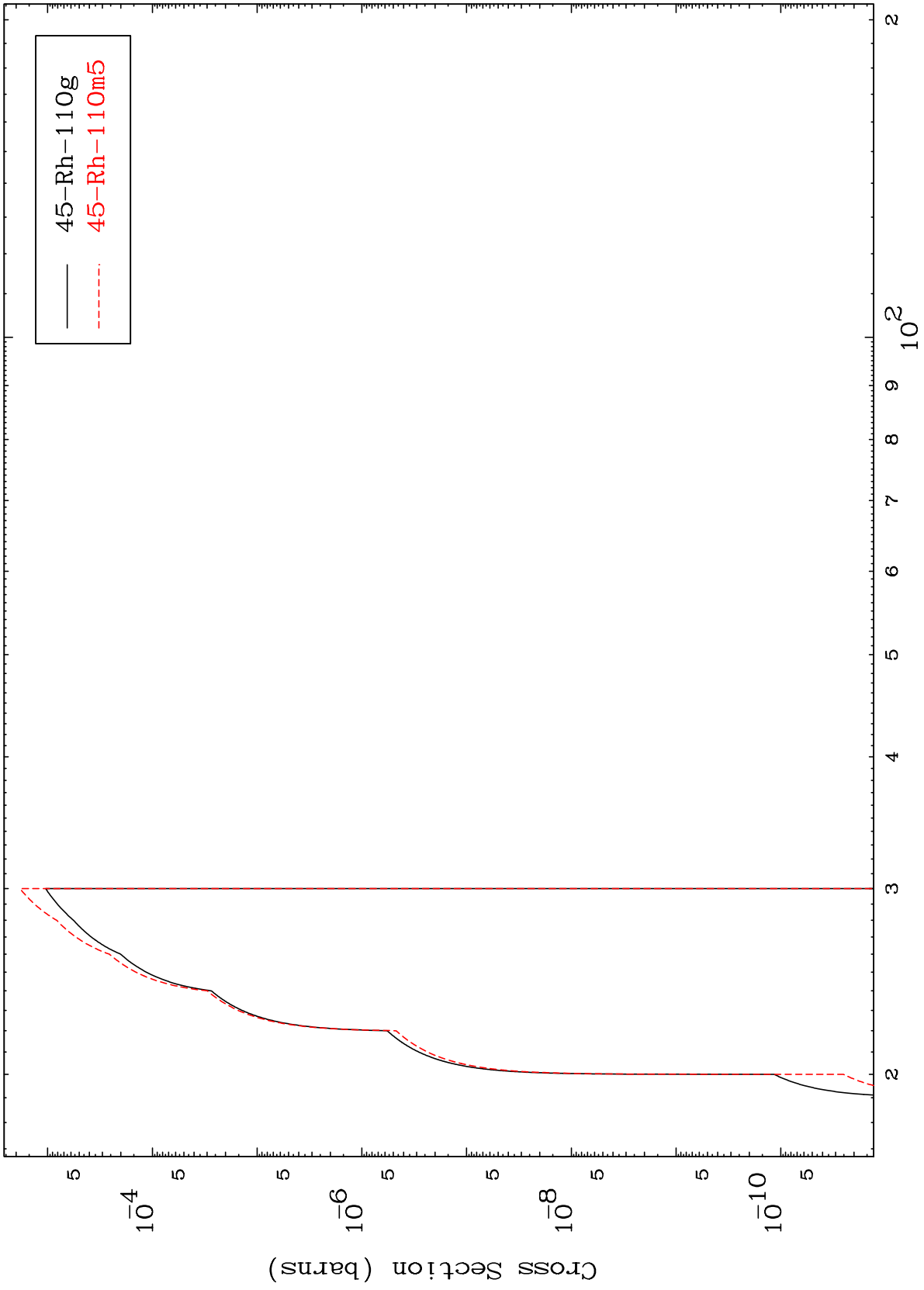
12

MAT 4464

( $\alpha, n'$ ) d

44-Ru-109

Radionuclide Production Cross Section



13

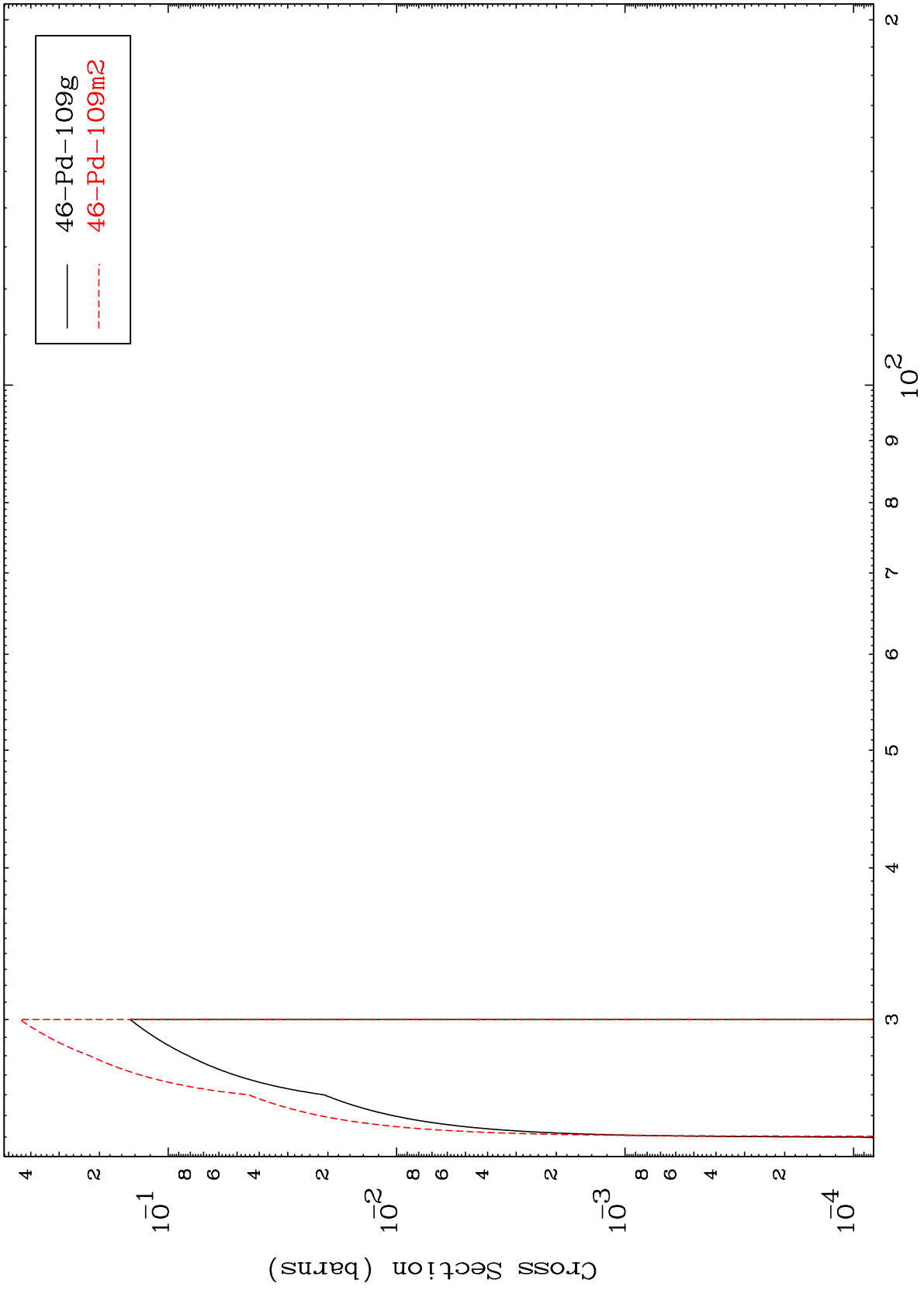
Incident Energy (MeV)

44-Ru-109

MAT 4464

44-Ru-109

( $\alpha, 4n$ )  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

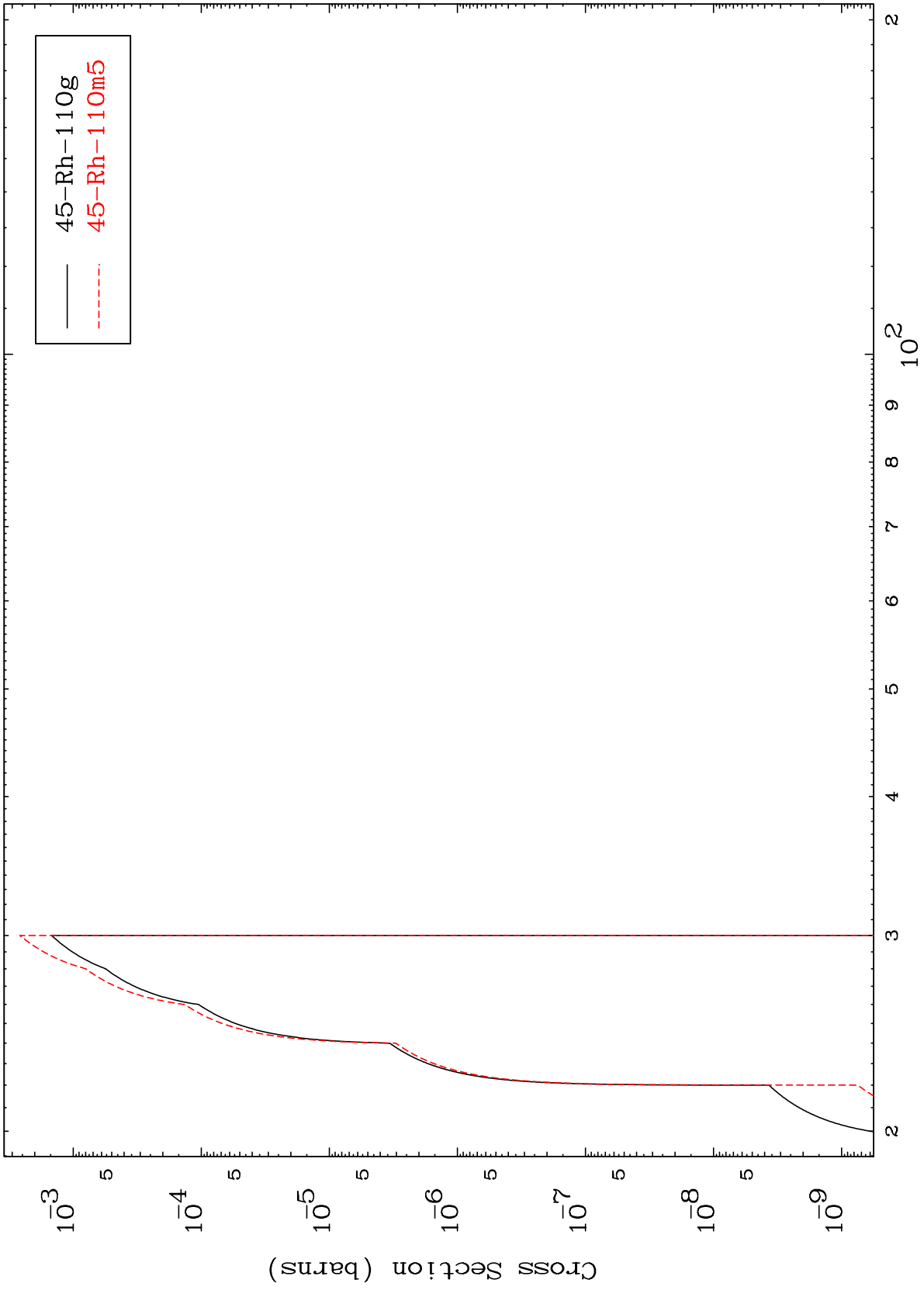
44-Ru-109

MAT 4464

( $\alpha, 2n$ ) p

44-Ru-109

Radionuclide Production Cross Section



15

Incident Energy (MeV)

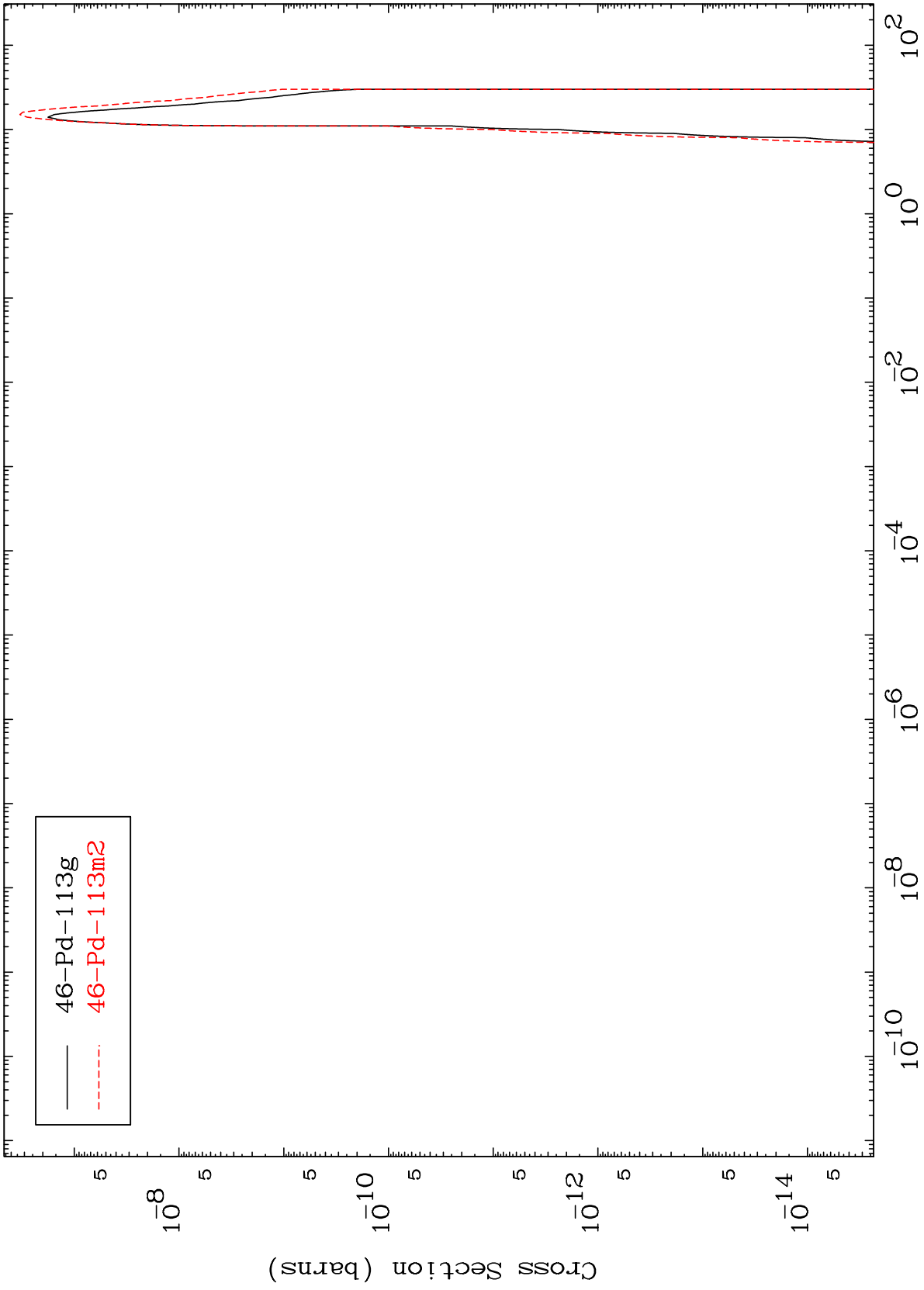
44-Ru-109



MAT 4464

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

44-Ru-109



16

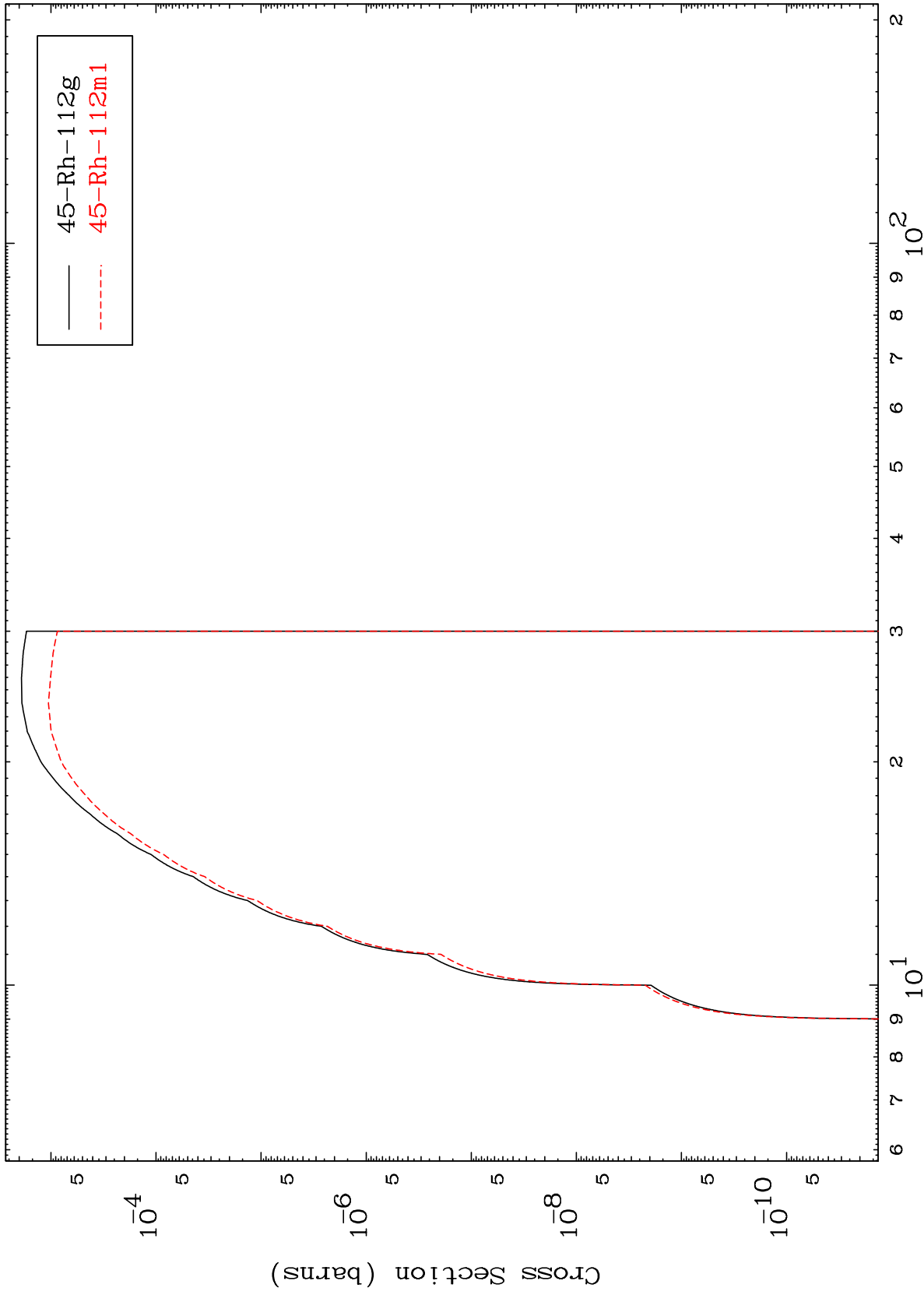
Incident Energy (MeV)

44-Ru-109

MAT 4464

44-Ru-109

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



17

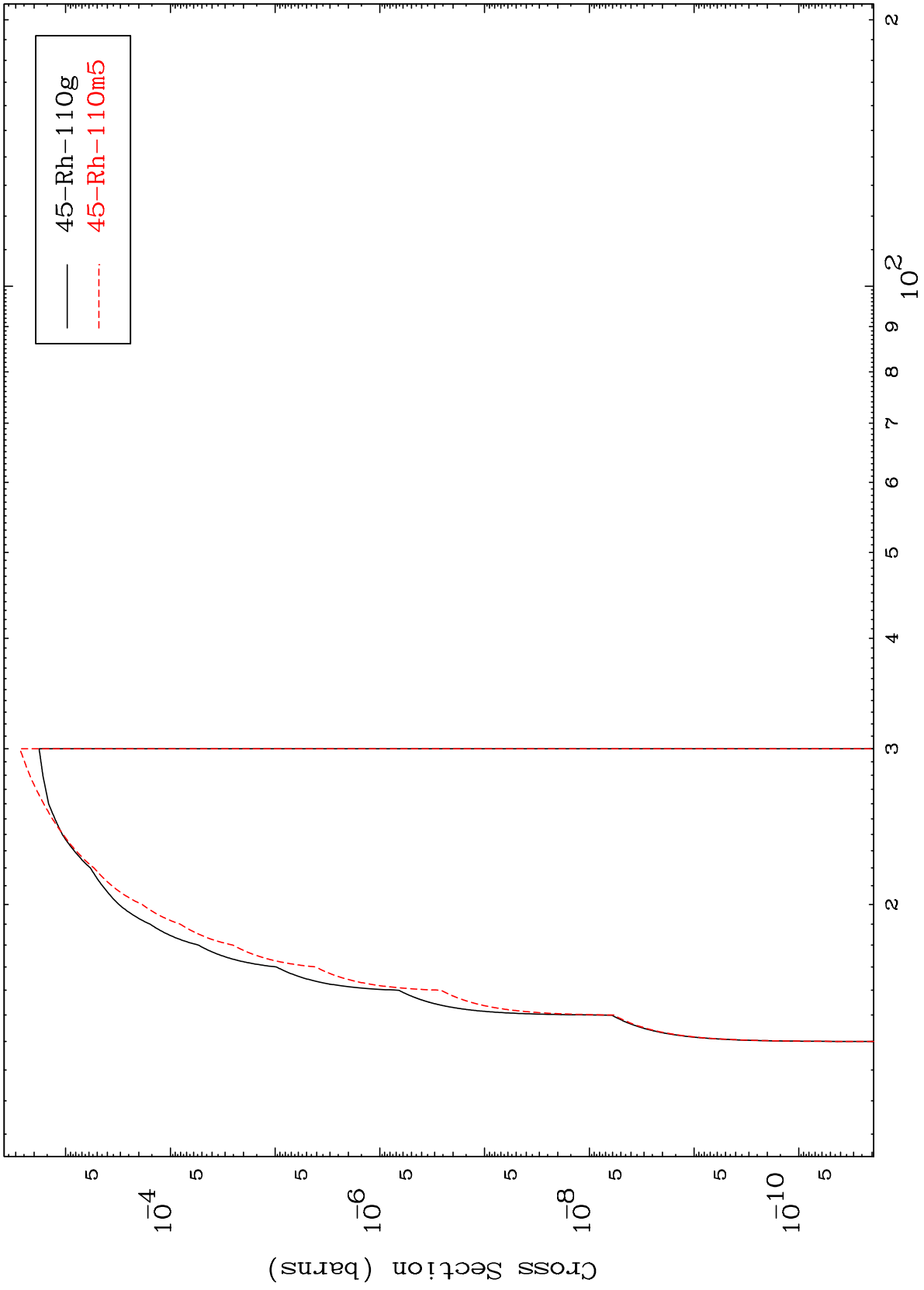
Incident Energy (MeV)

44-Ru-109

MAT 4464

44-Ru-109

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



18

Incident Energy (MeV)

44-Ru-109