

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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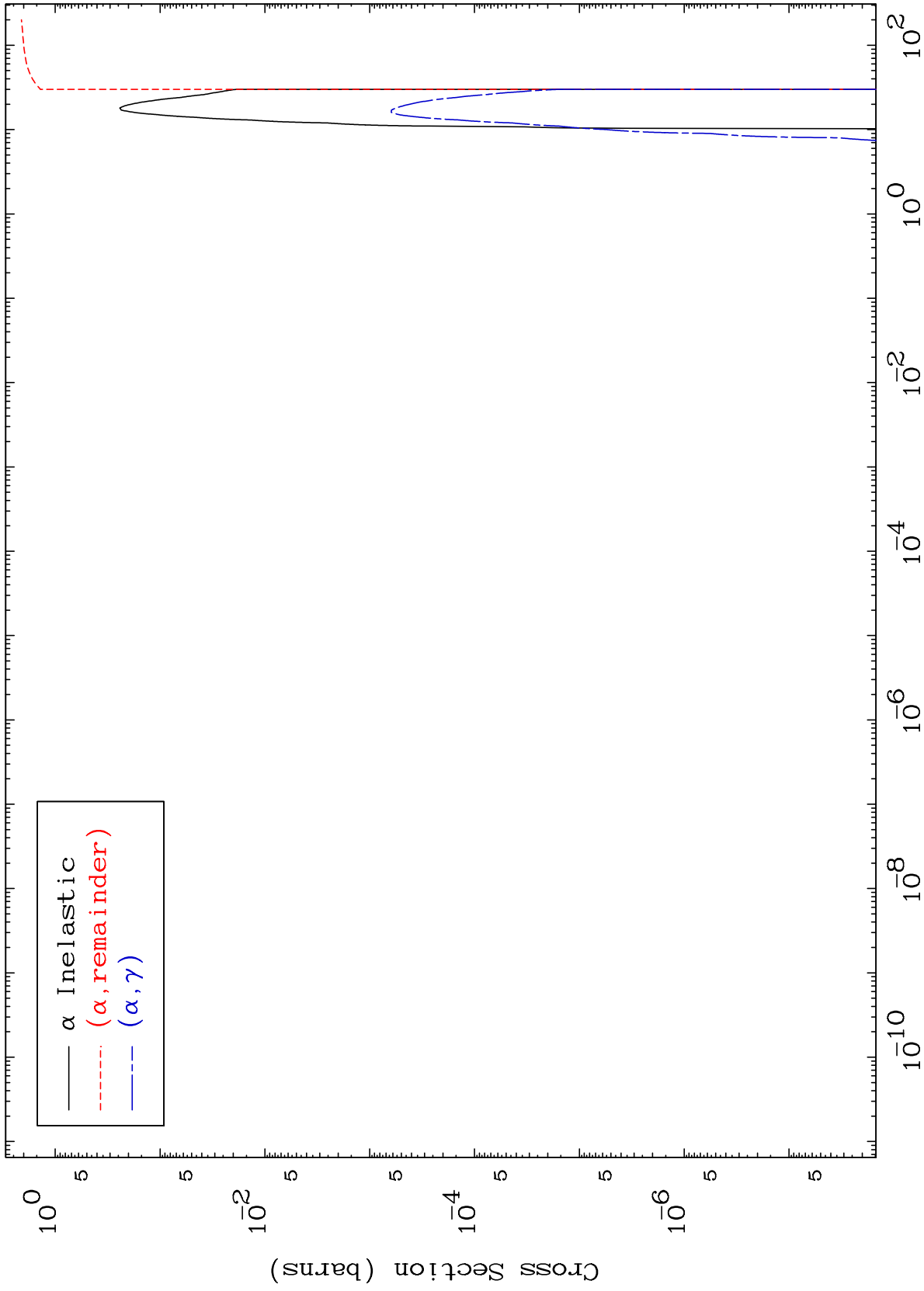
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4914

0 Kelvin  $\alpha$  Major  
Cross Sections

49-In-109



1

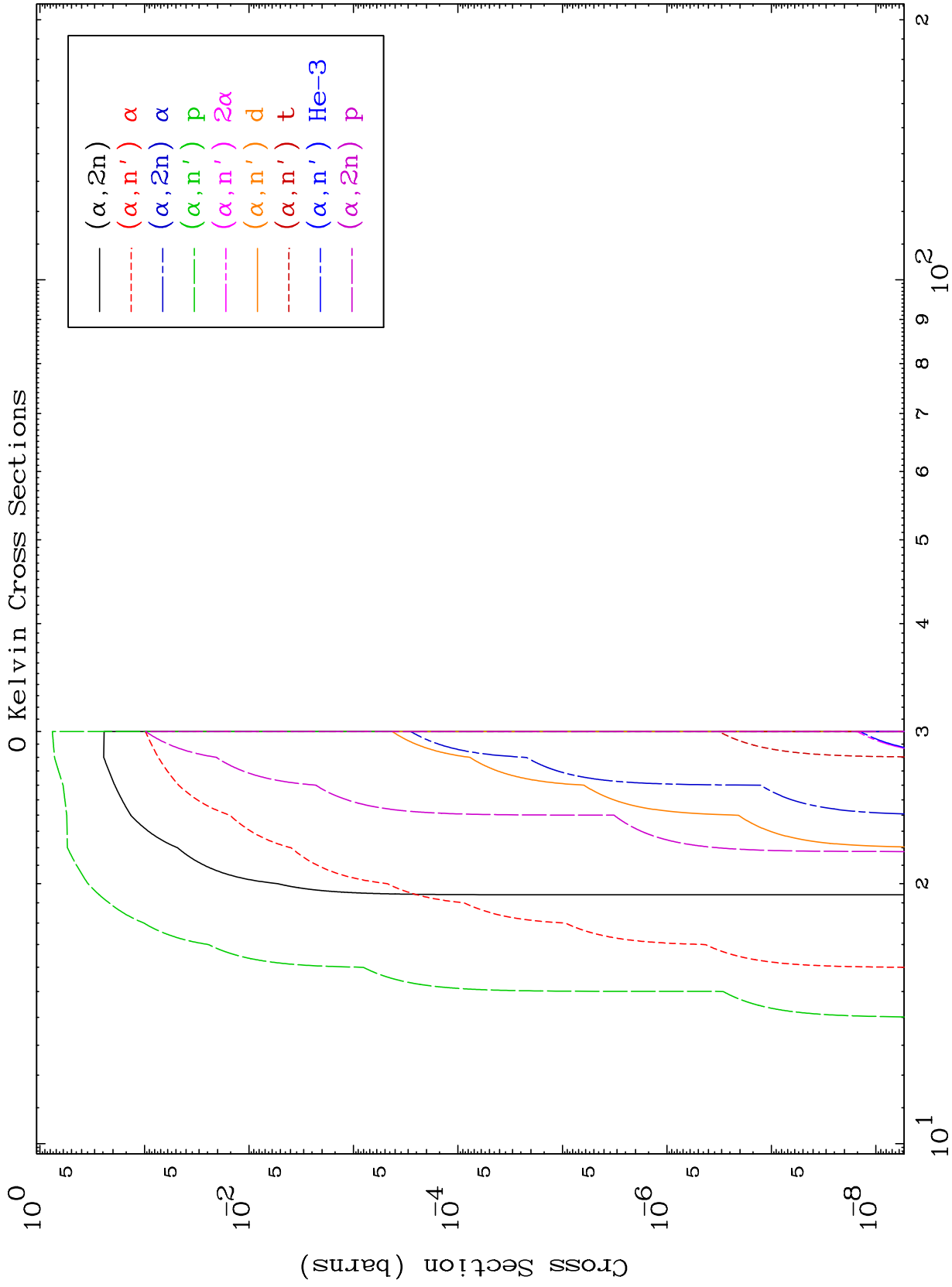
Incident Energy (MeV)

49-In-109

MAT 4914

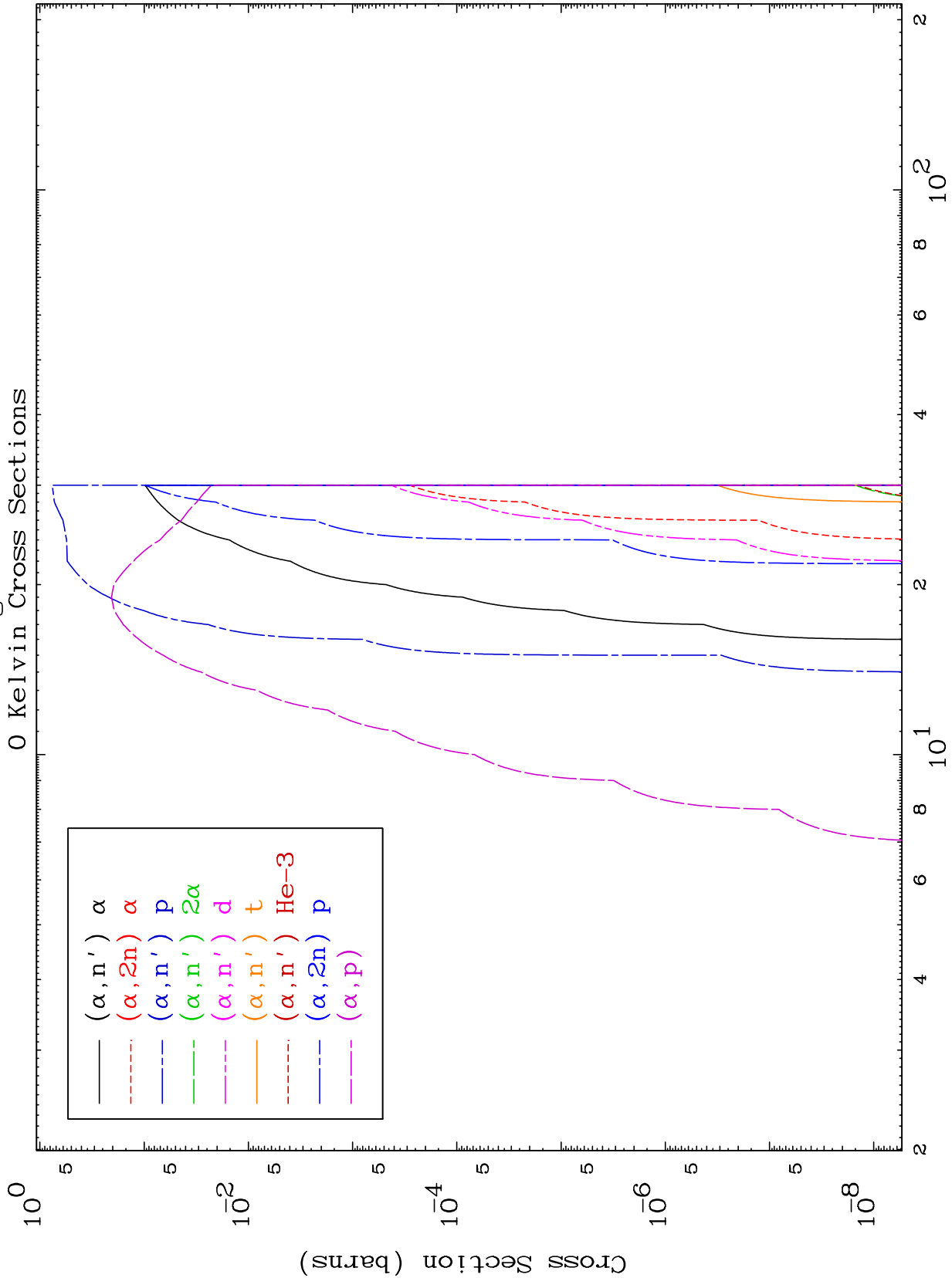
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

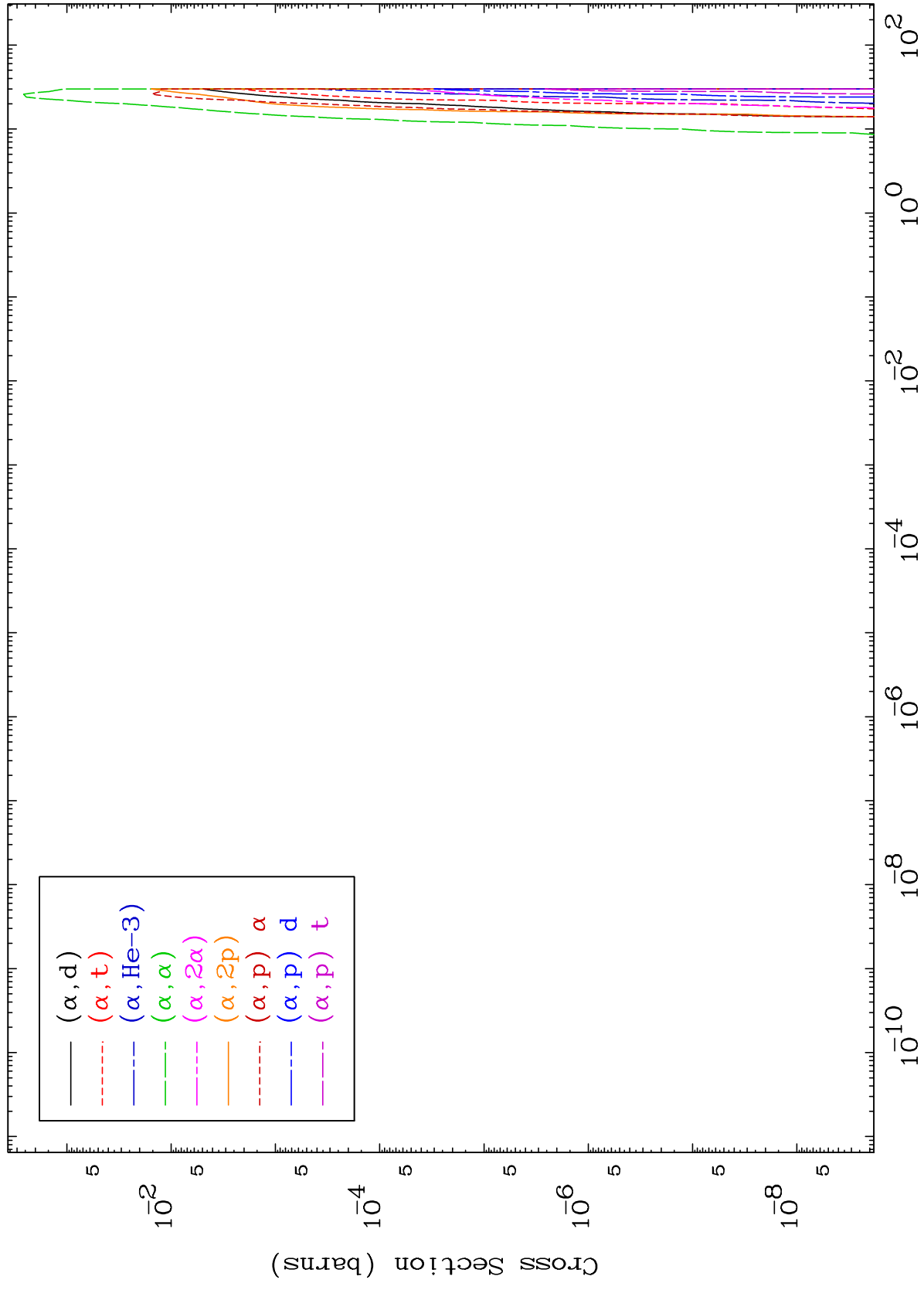
49-In-109



Incident Energy (MeV)

49-In-109

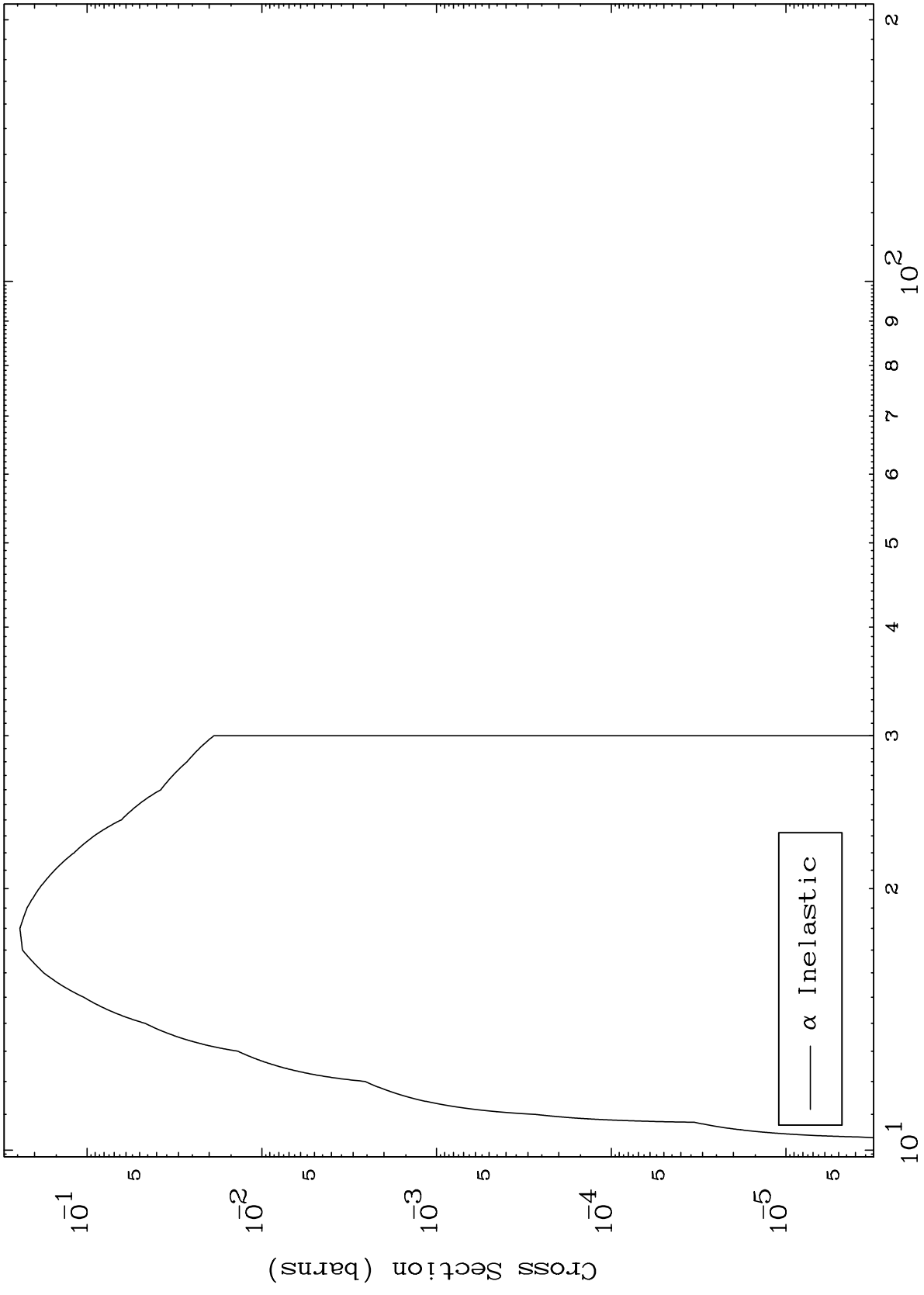




MAT 4914

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

49-In-109



Incident Energy (MeV)

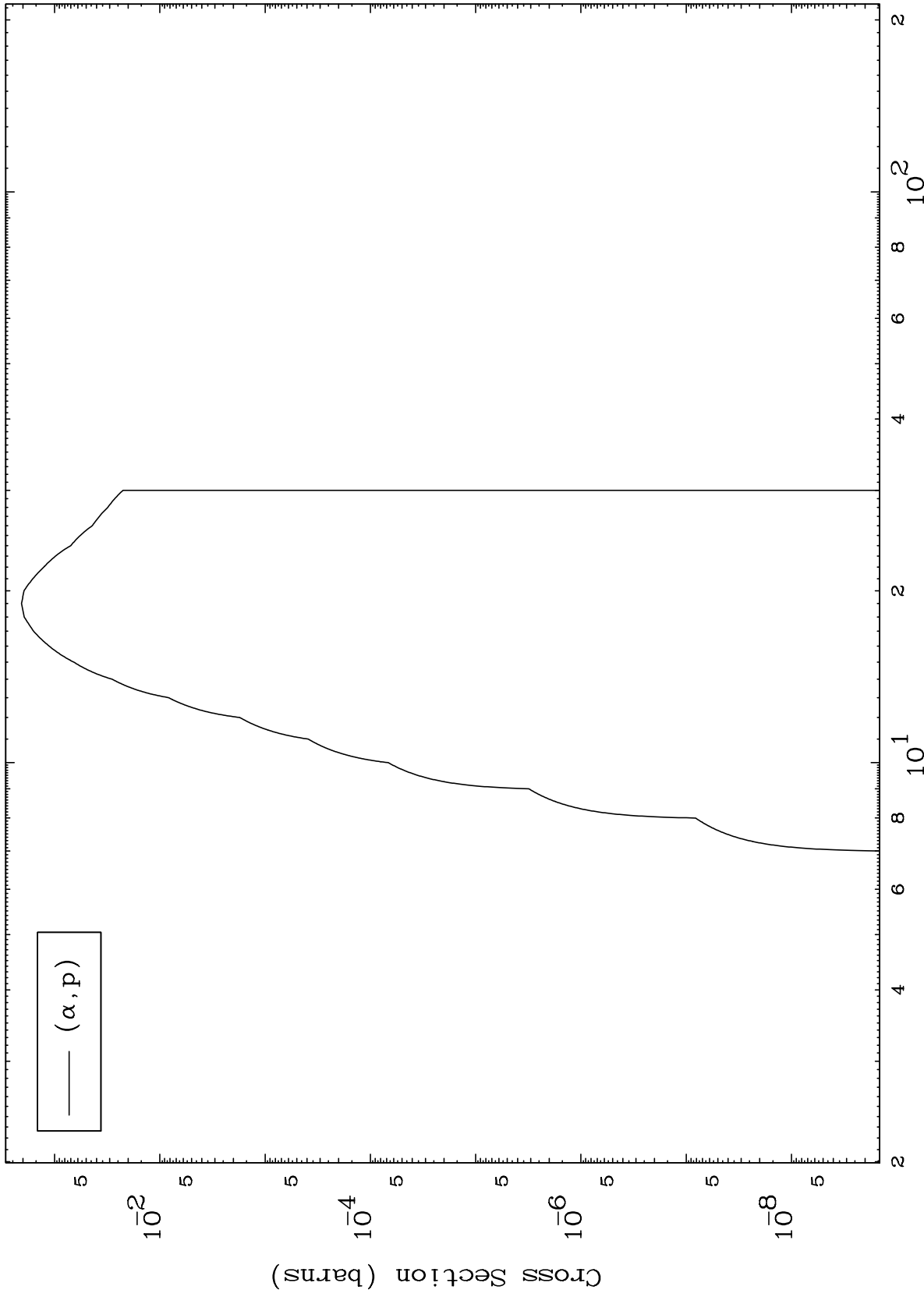
49-In-109

—  $\alpha$  Inelastic

MAT 4914

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

49-In-109



6

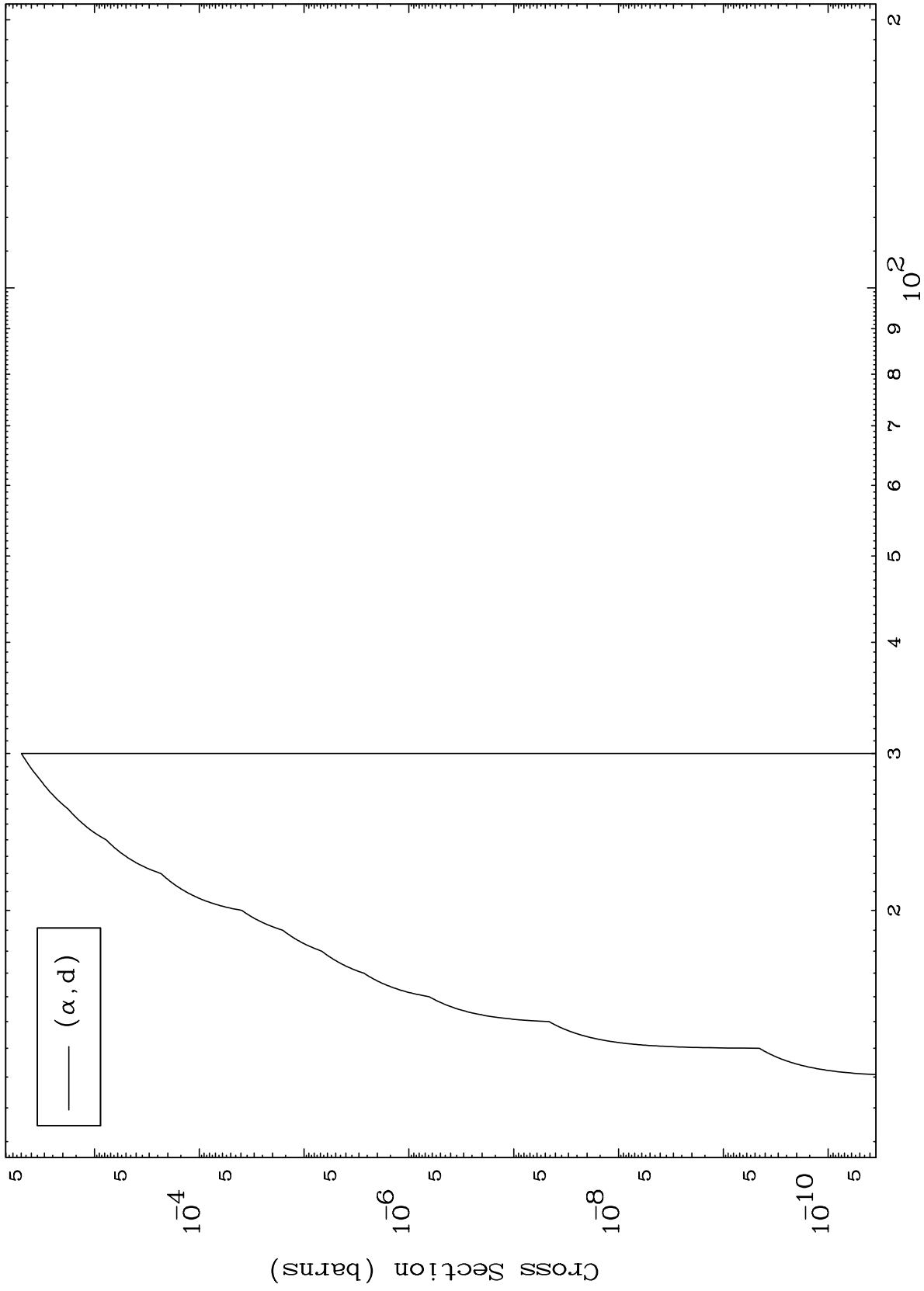
Incident Energy (MeV)

49-In-109

MAT 4914

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

49-In-109



7

Incident Energy (MeV)

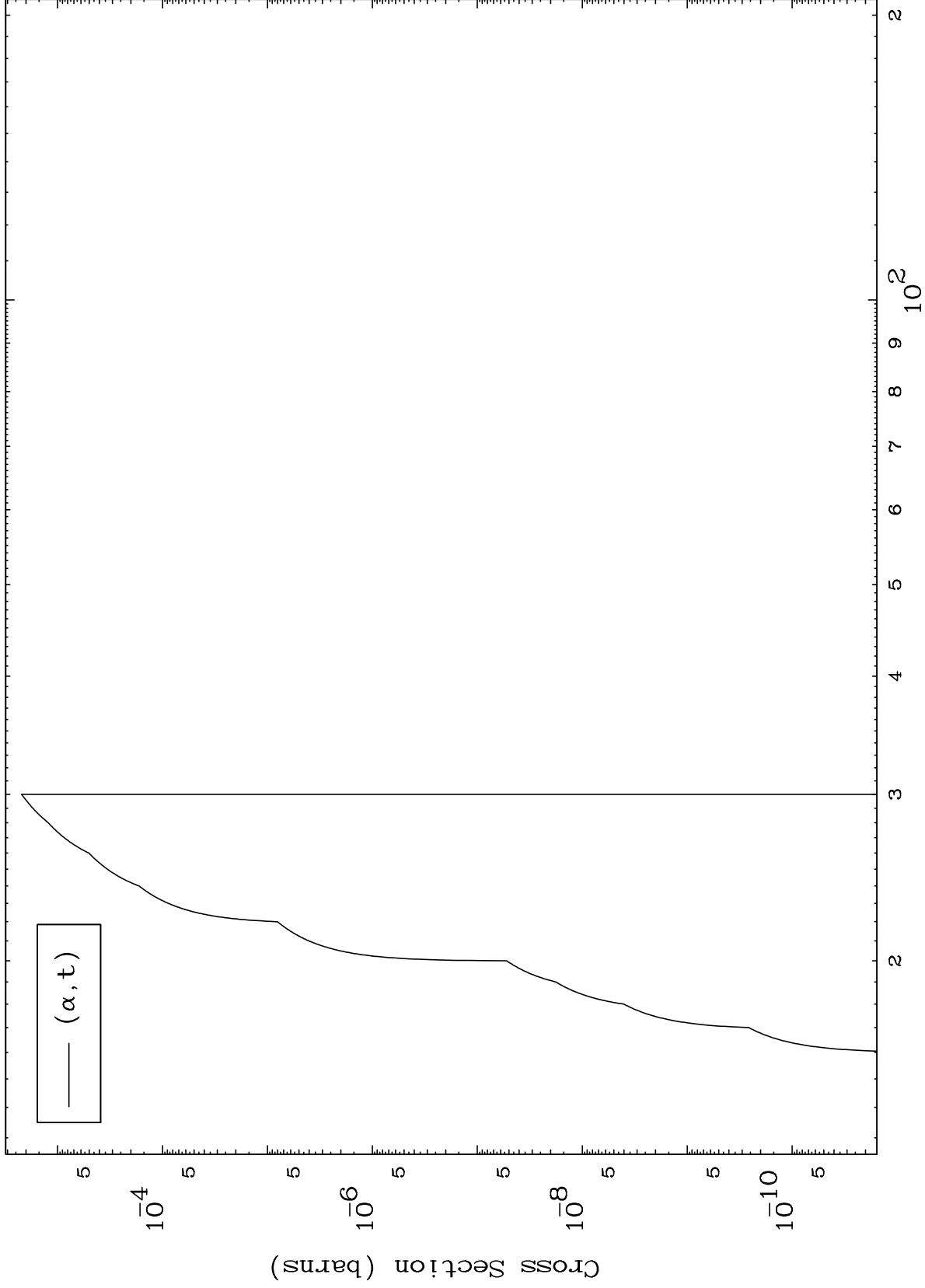
49-In-109



MAT 4914

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

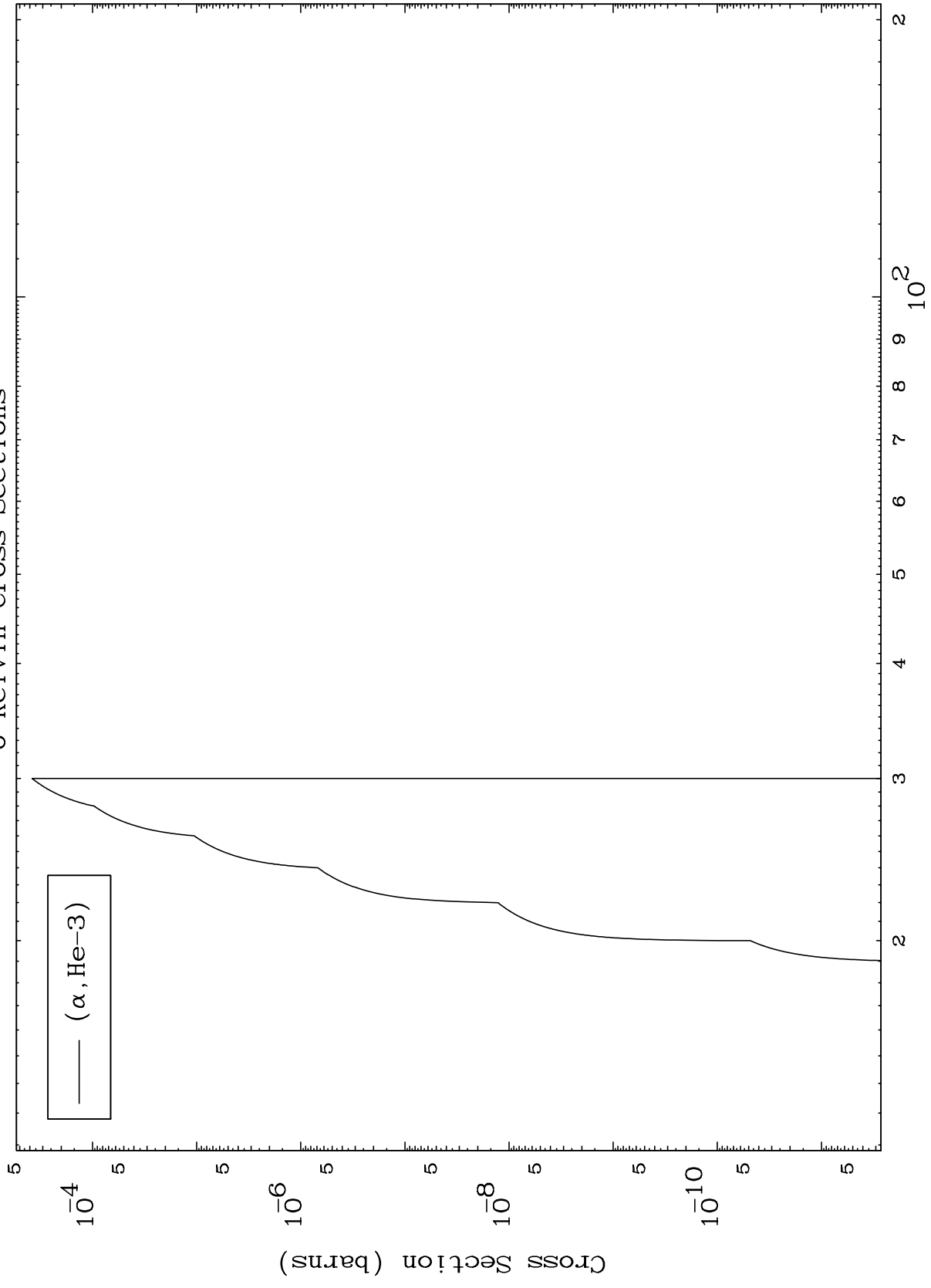
49-In-109



8

Incident Energy (MeV)

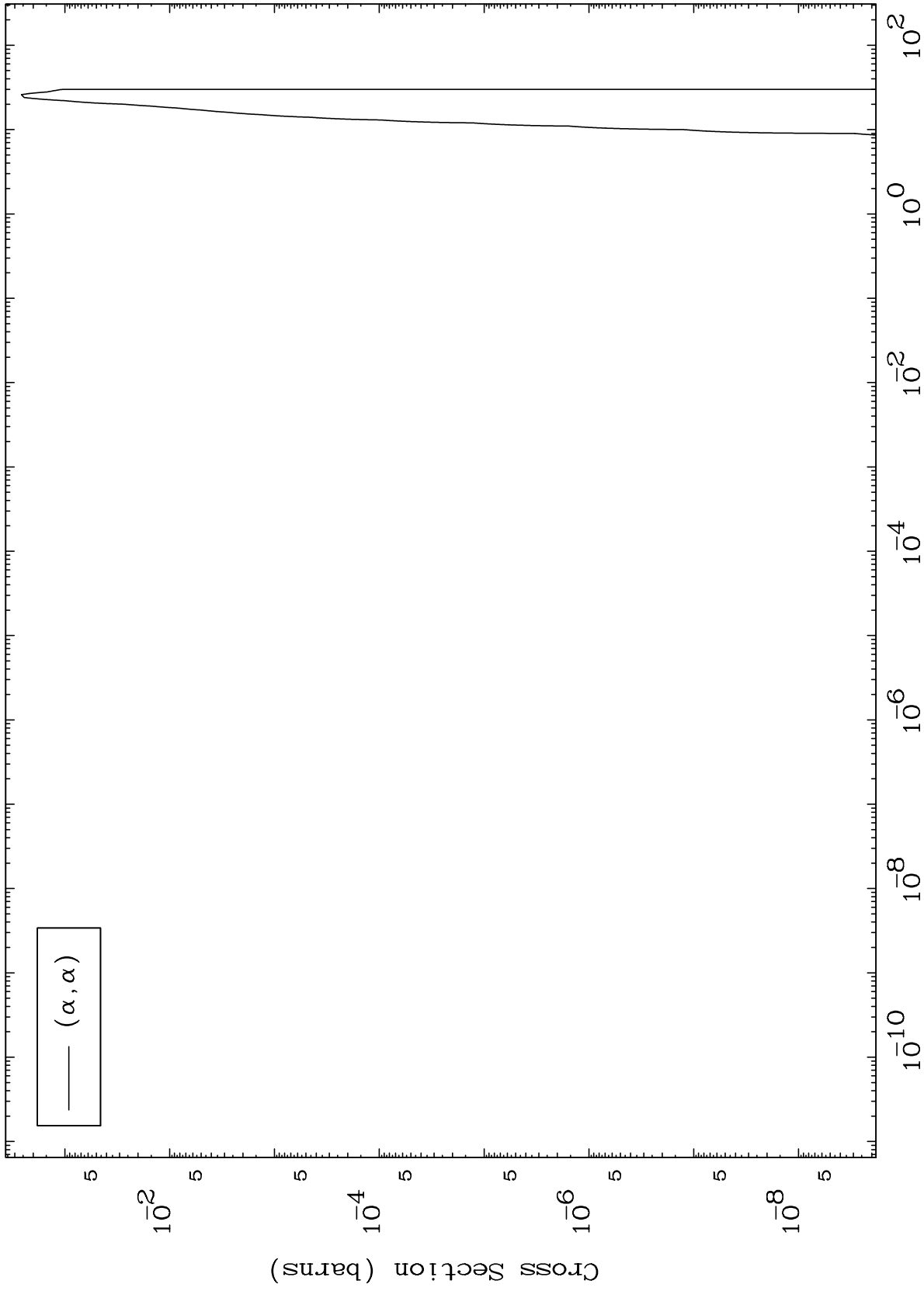
49-In-109



MAT 4914

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

49-In-109



10

Incident Energy (MeV)

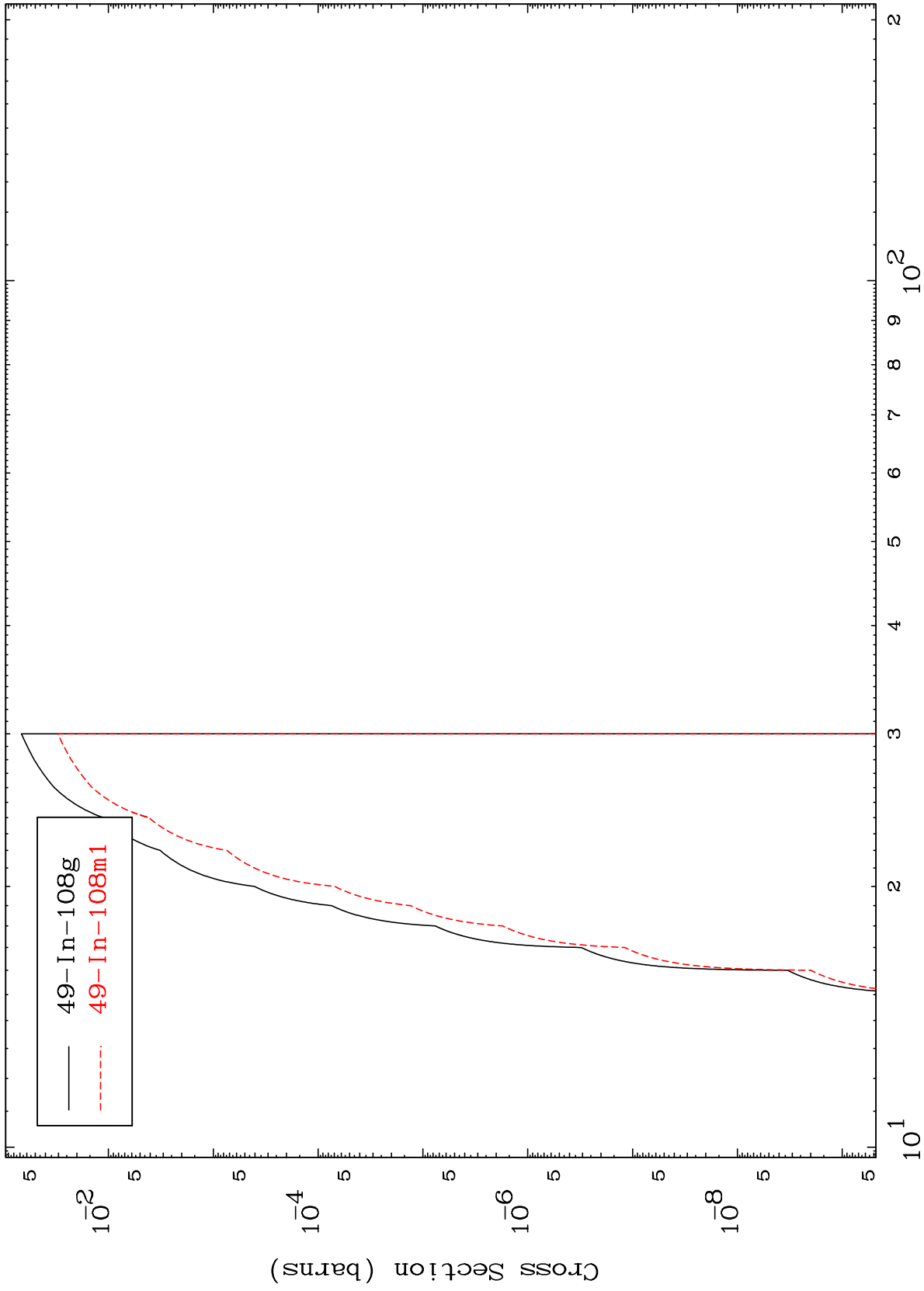
49-In-109

MAT 4914

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

49-In-109

Radionuclide Production Cross Section



11

Incident Energy (MeV)

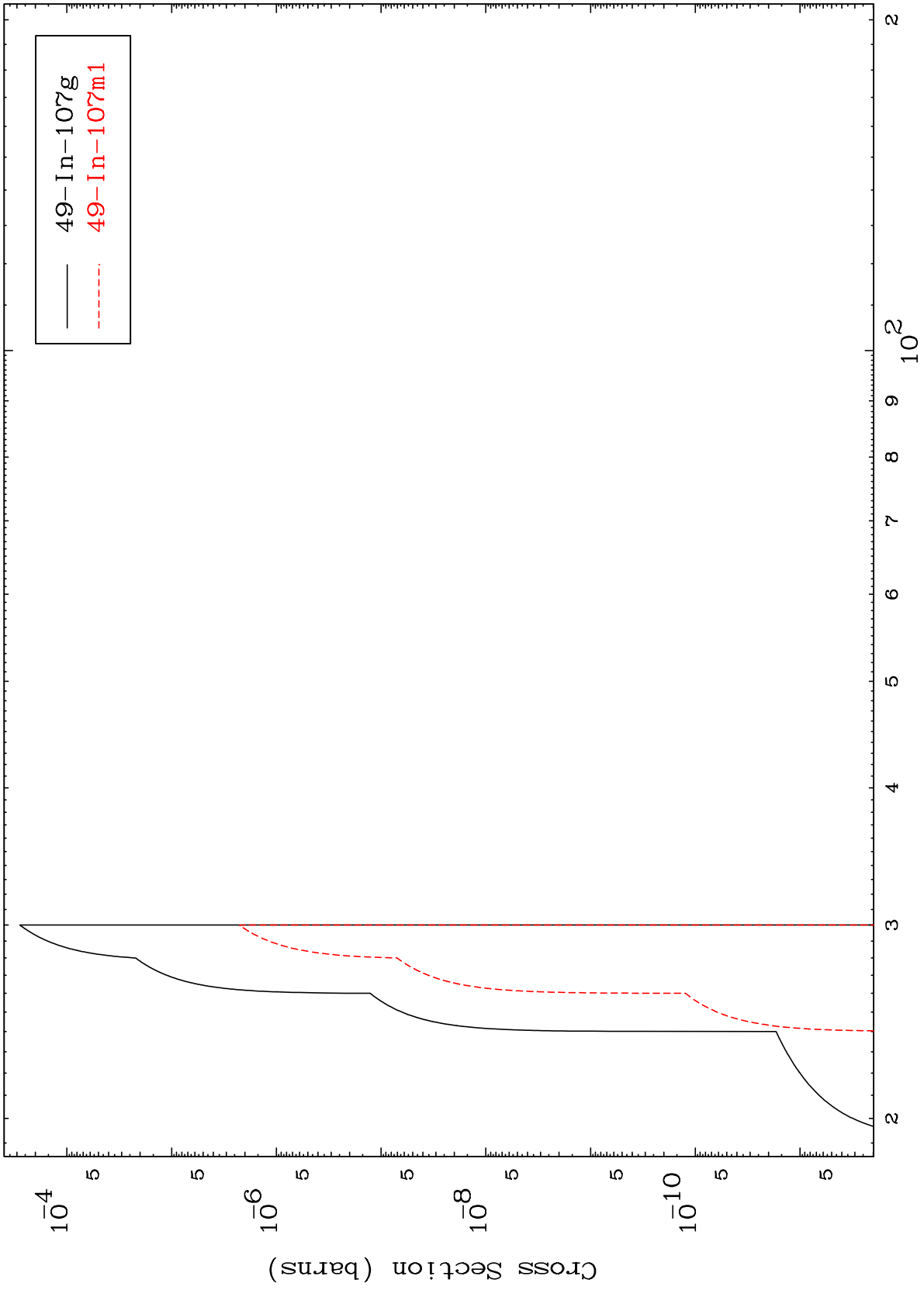
49-In-109

MAT 4914

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

49-In-109

Radionuclide Production Cross Section



12

Incident Energy (MeV)

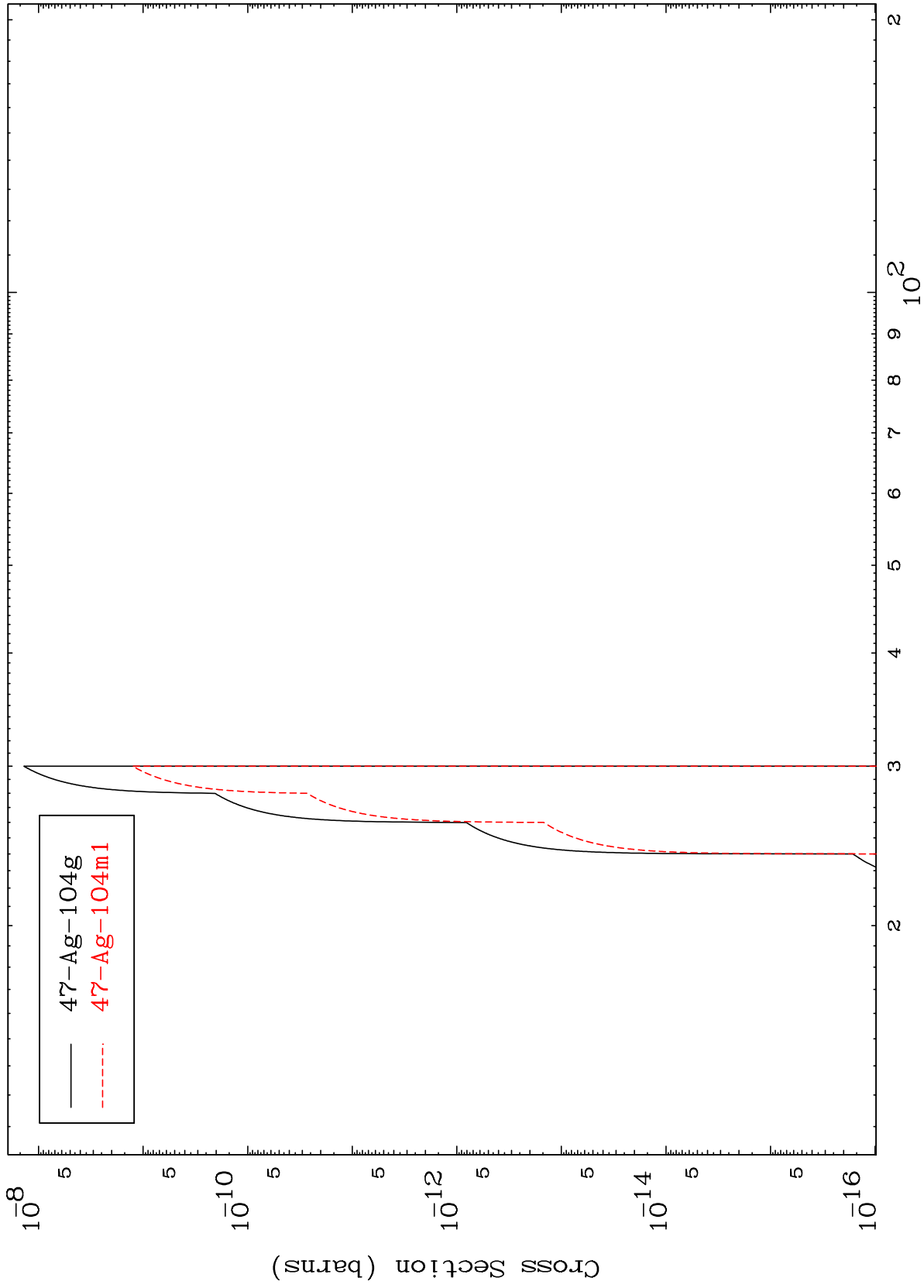
49-In-109

MAT 4914

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

49-In-109

Radionuclide Production Cross Section



13

Incident Energy (MeV)

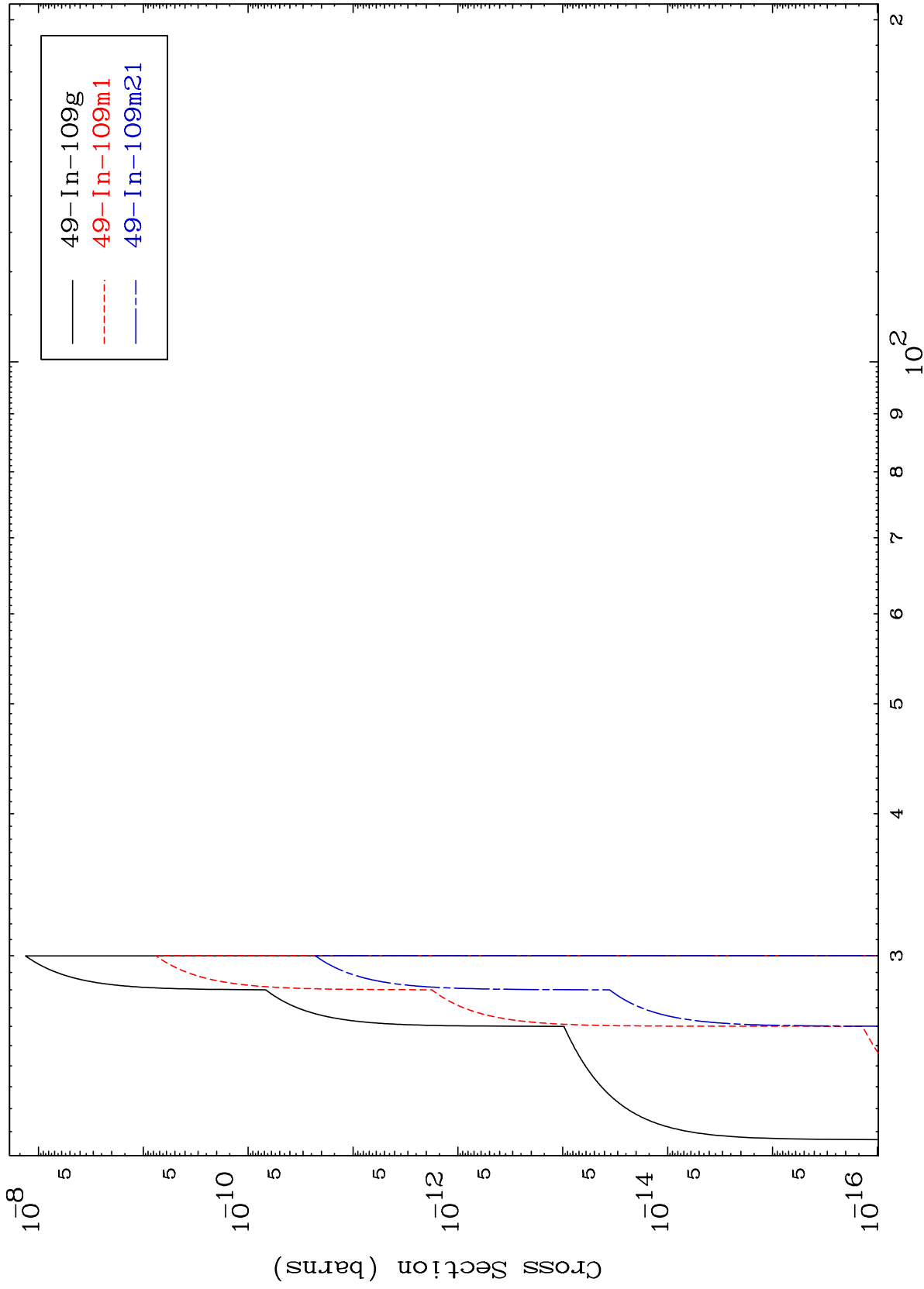
49-In-109

MAT 4914

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

49-In-109

Radionuclide Production Cross Section



14

Incident Energy (MeV)

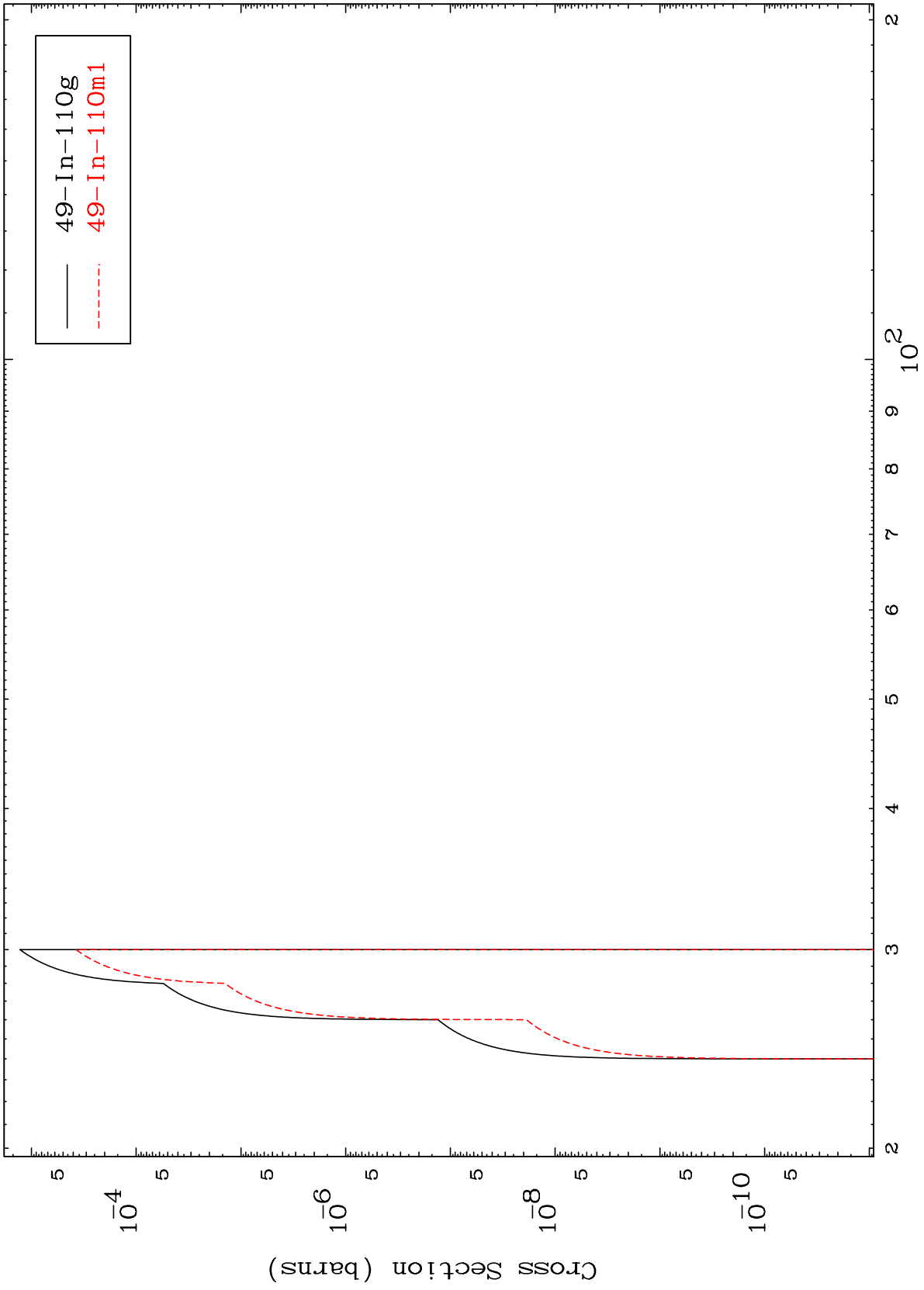
49-In-109

MAT 4914

( $\alpha, 2n$ ) p

49-In-109

Radionuclide Production Cross Section



15

Incident Energy (MeV)

49-In-109

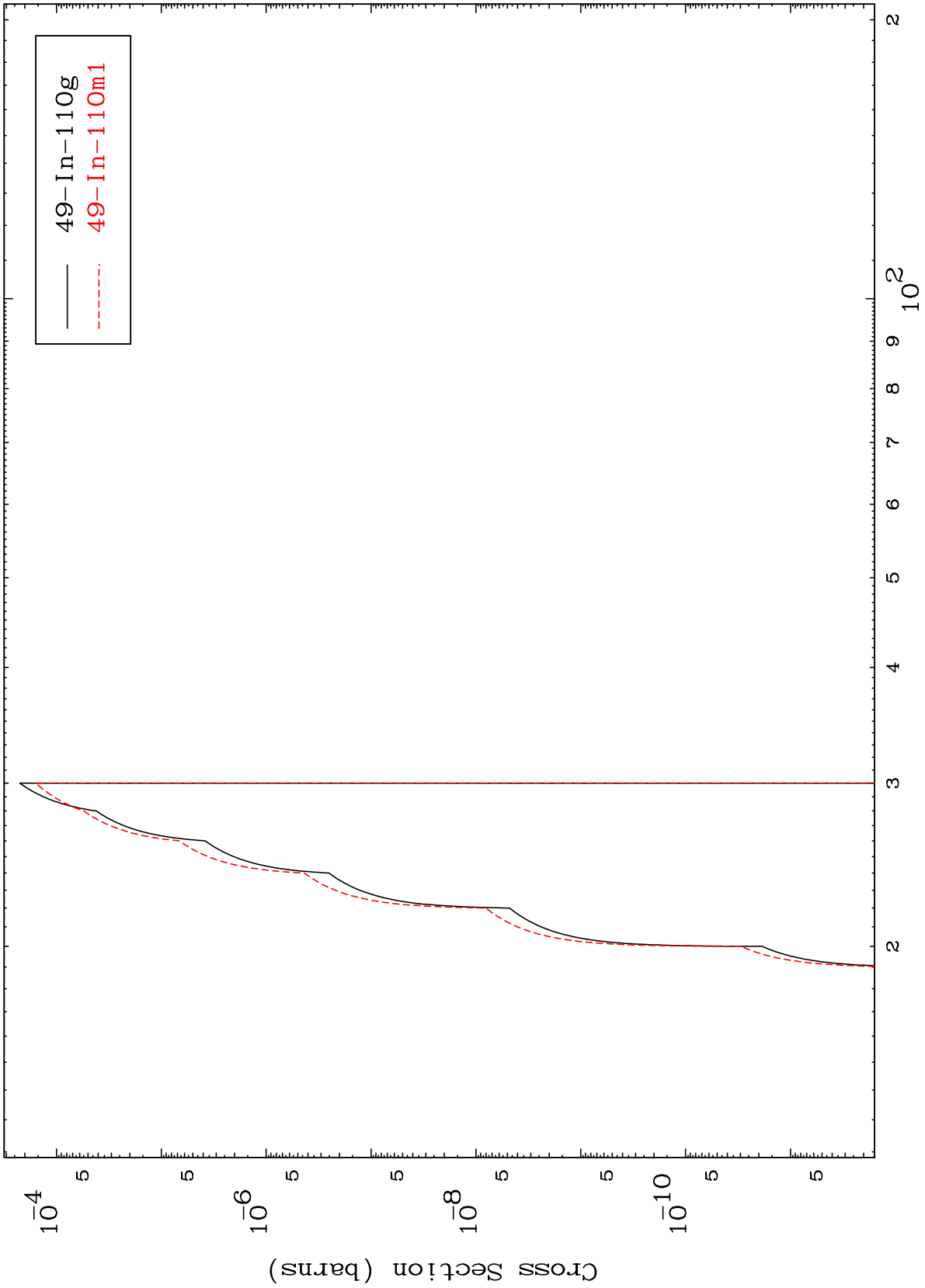


MAT 4914

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

49-In-109

Radionuclide Production Cross Section



16

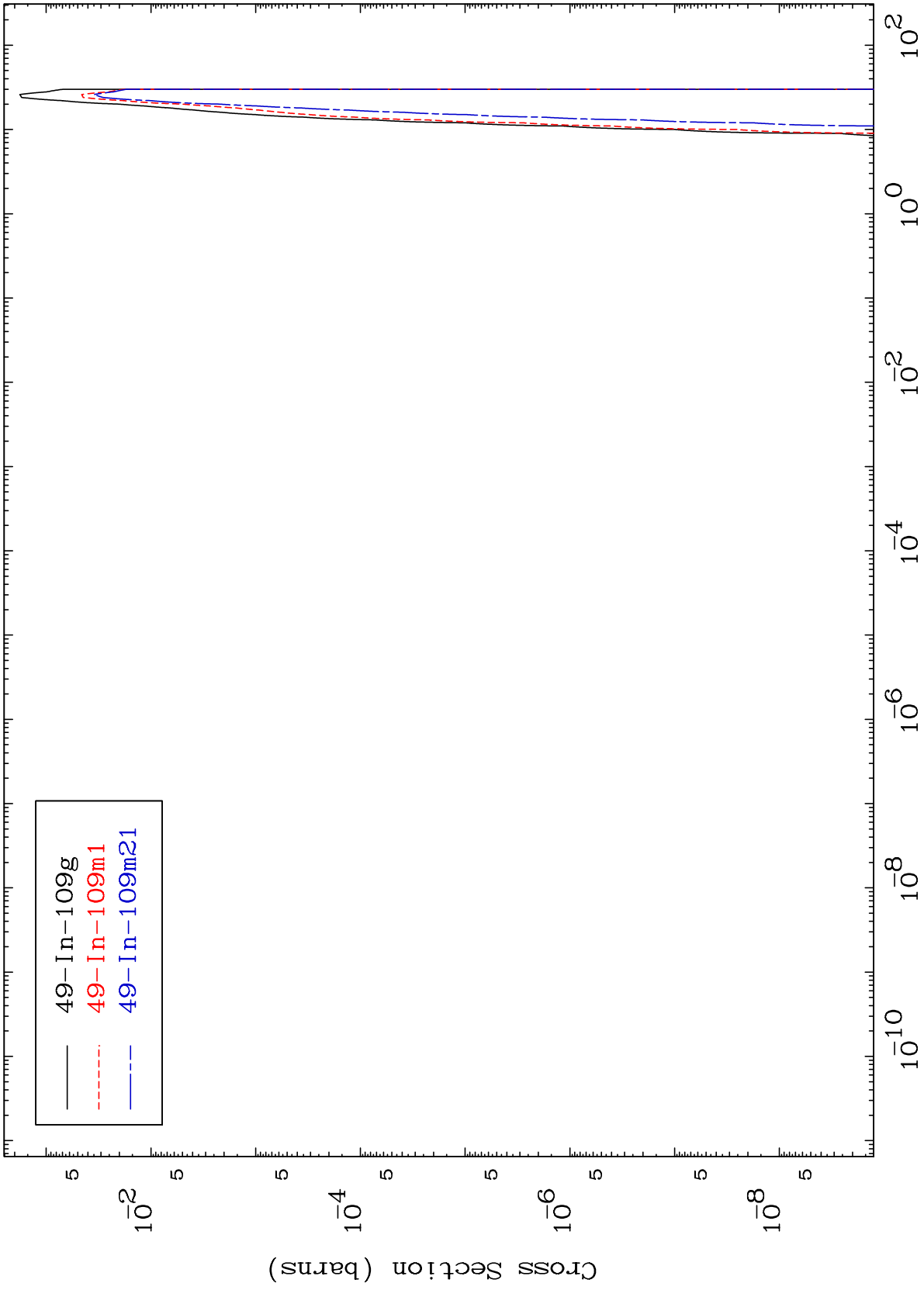
Incident Energy (MeV)

49-In-109

MAT 4914

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

49-In-109

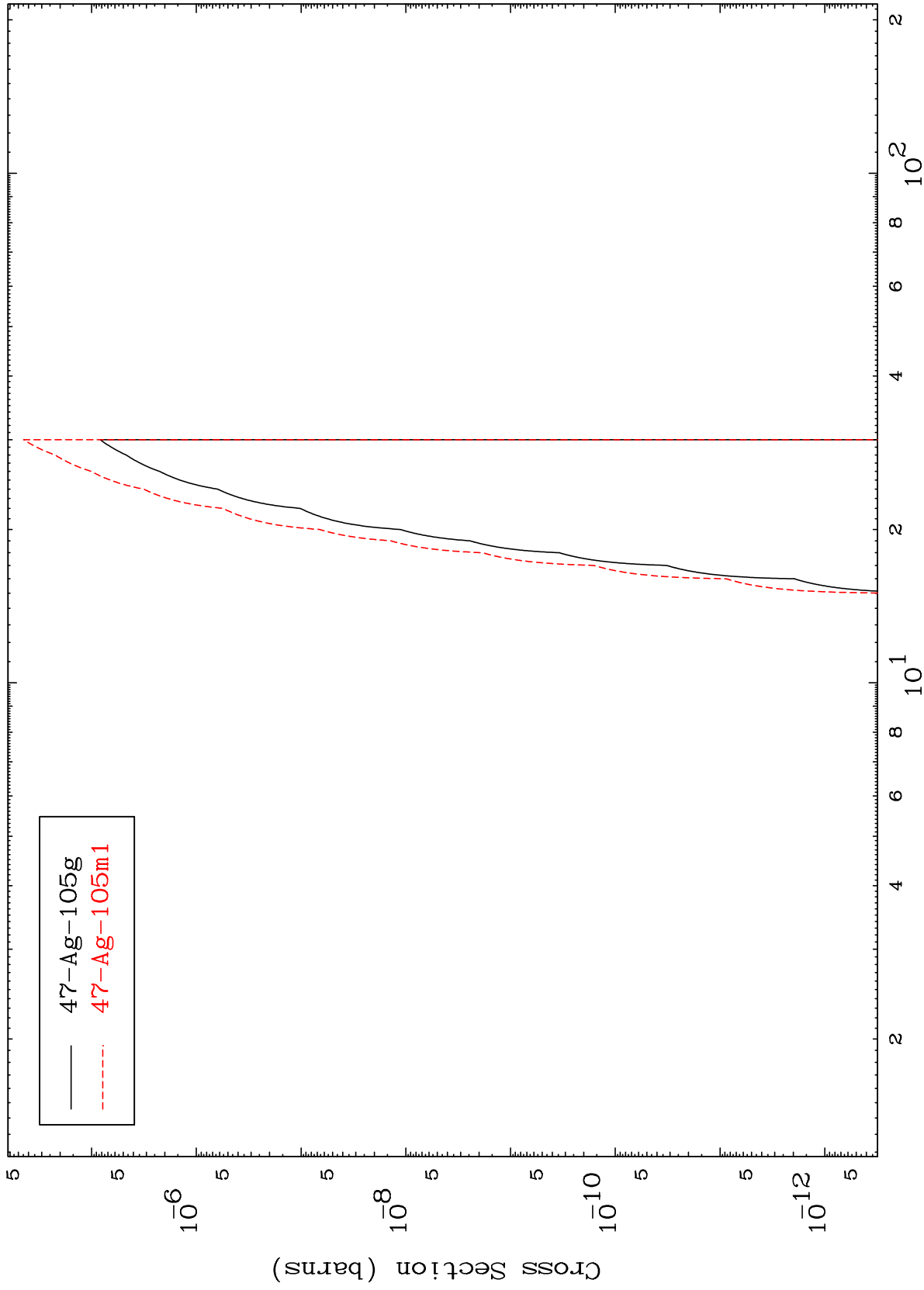


MAT 4914

( $\alpha, 2\alpha$ )

49-In-109

Radionuclide Production Cross Section



18

Incident Energy (MeV)

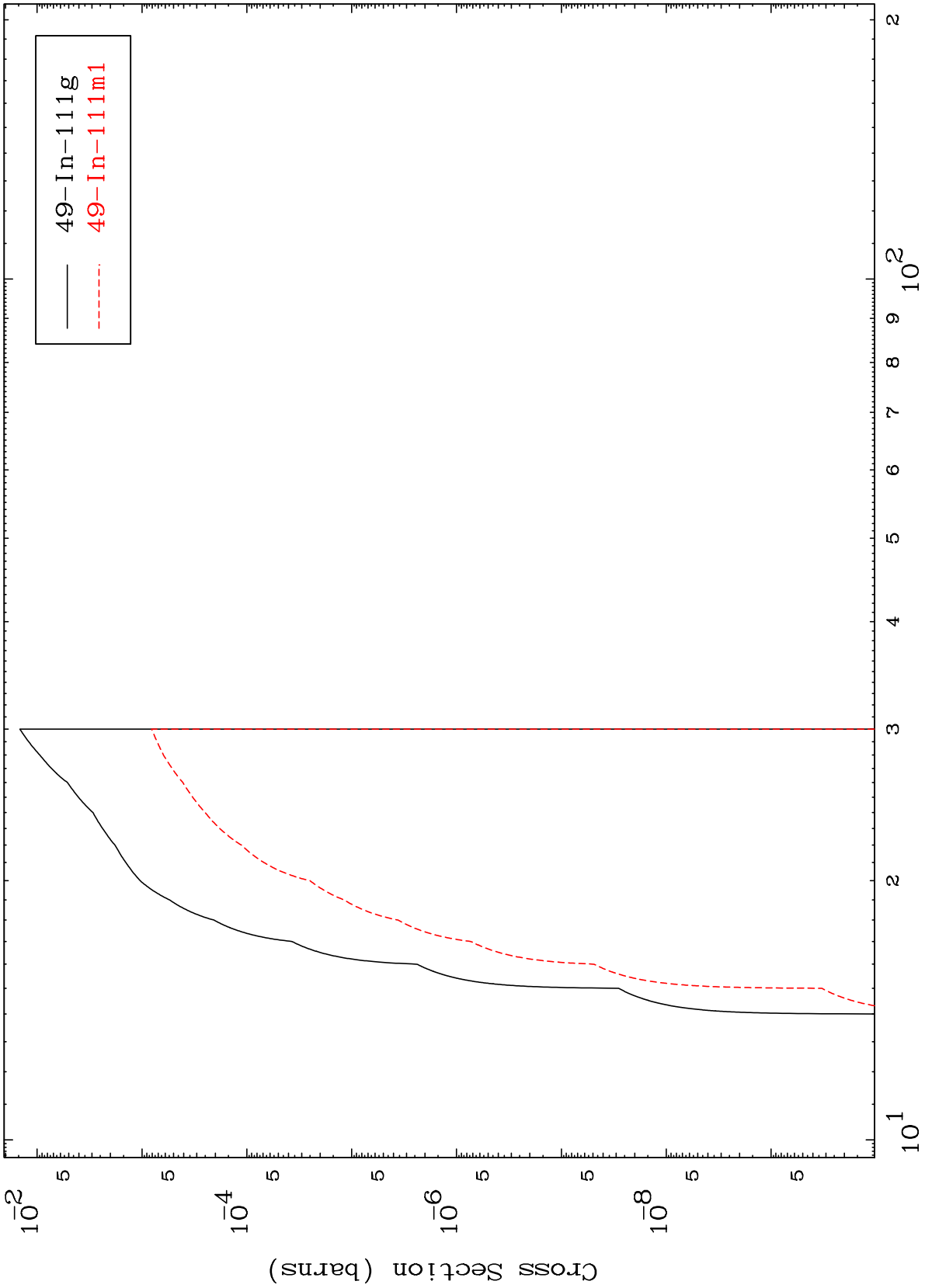
49-In-109

MAT 4914

( $\alpha, 2p$ )

49-In-109

Radionuclide Production Cross Section



Incident Energy (MeV)

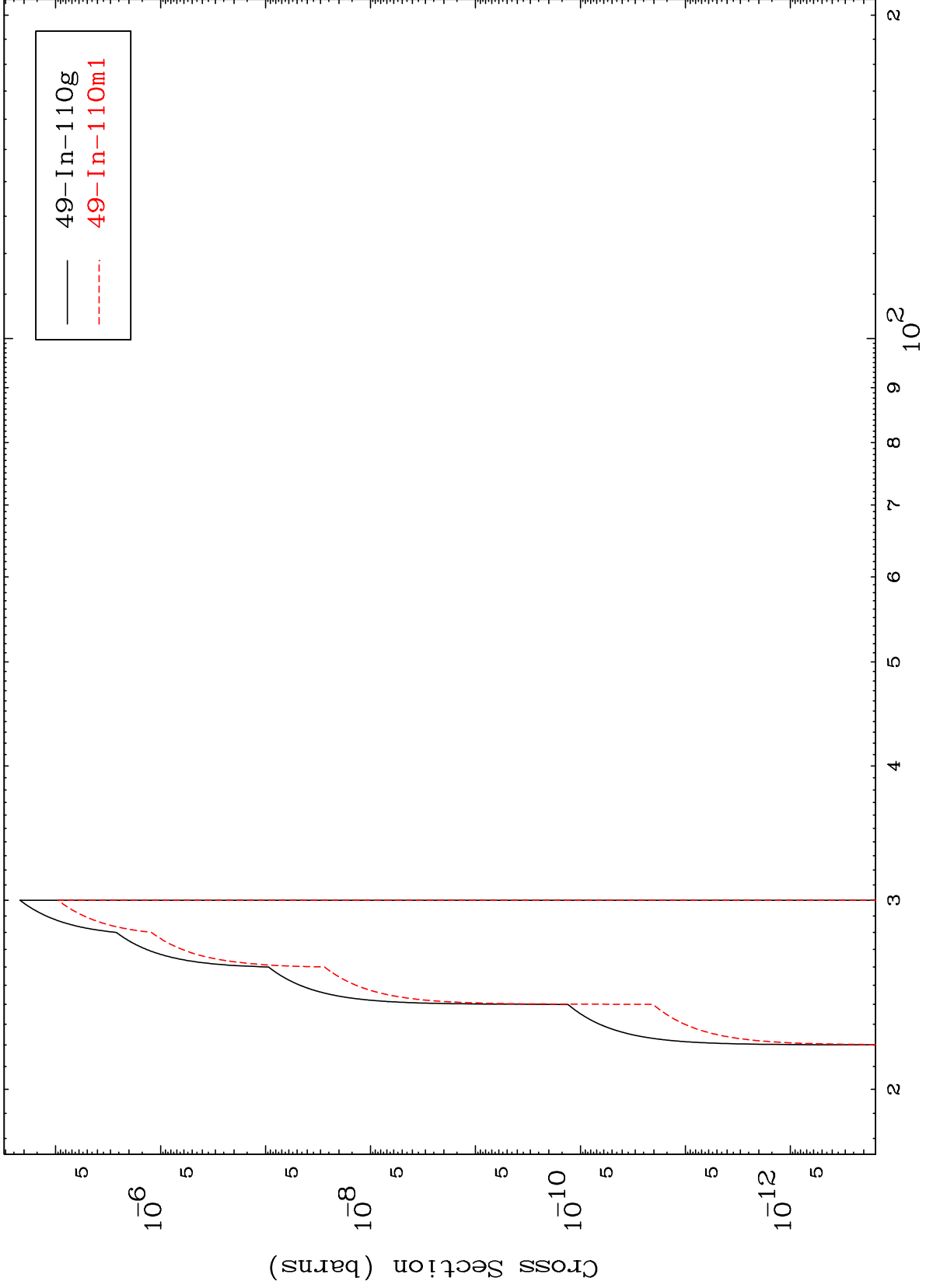
49-In-109

MAT 4914

( $\alpha, p$ ) d

49-In-109

Radionuclide Production Cross Section



20

Incident Energy (MeV)

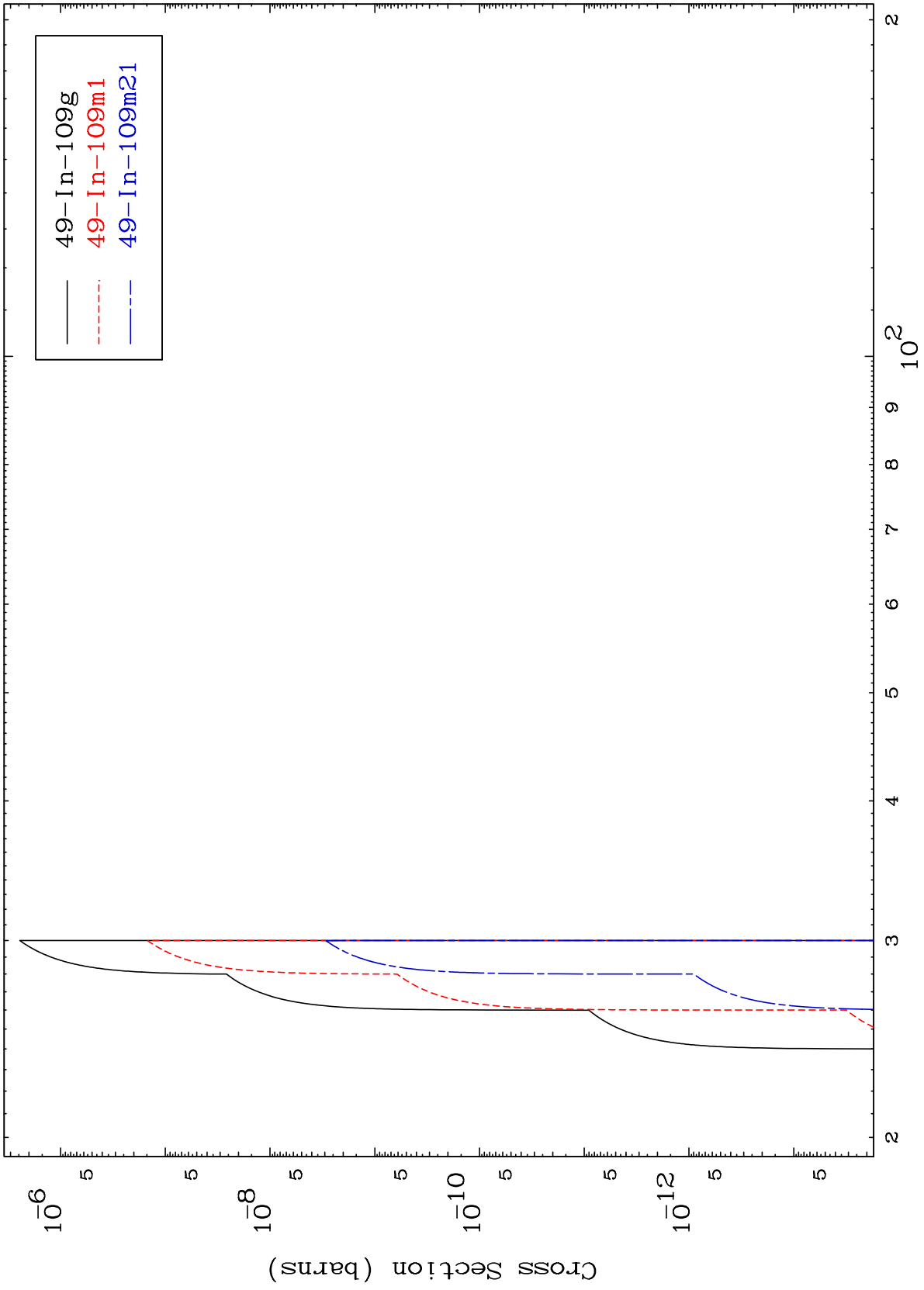
49-In-109

MAT 4914

( $\alpha, p$ ) t

49-In-109

Radionuclide Production Cross Section



21

Incident Energy (MeV)

49-In-109