

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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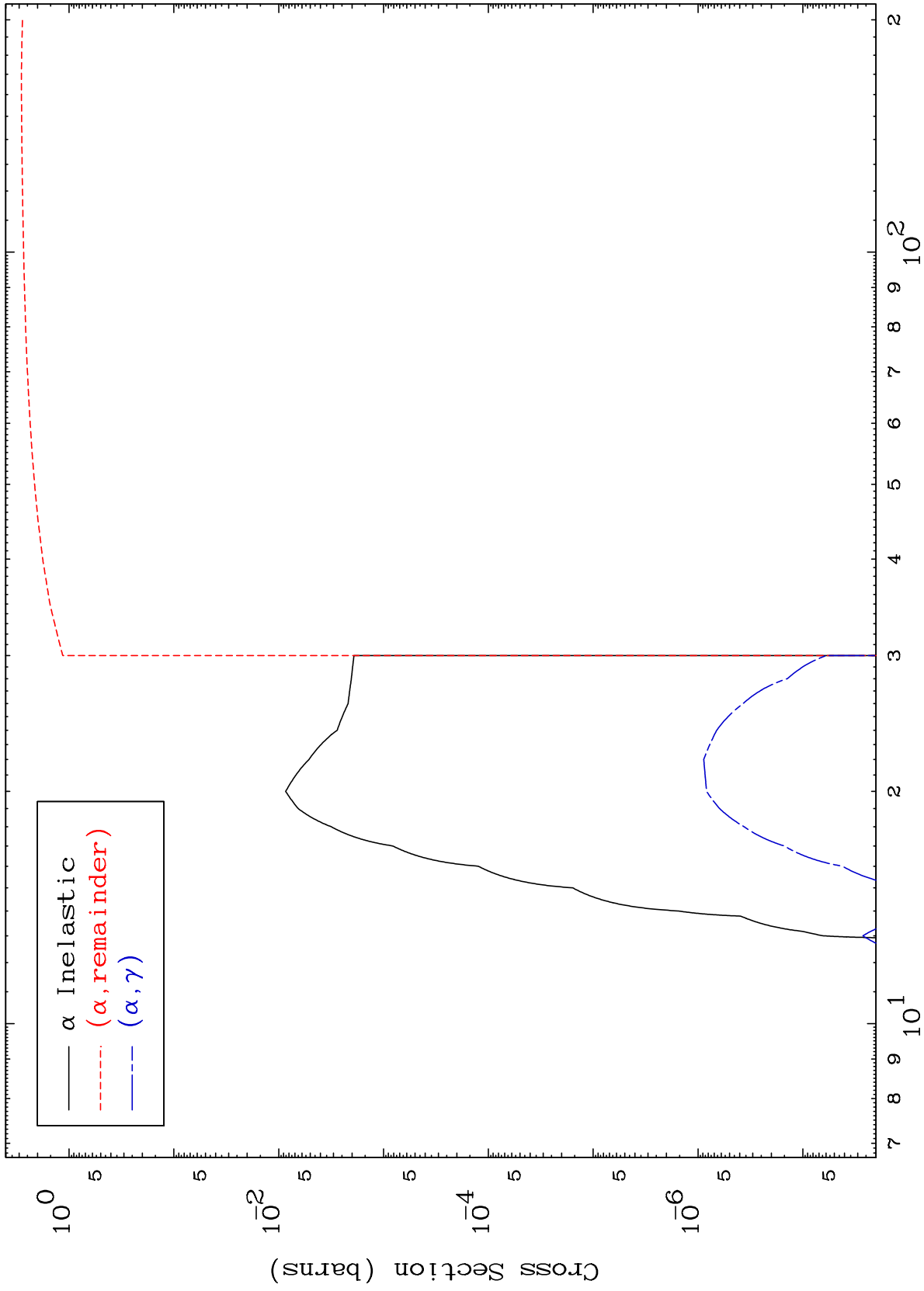
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8249

0 Kelvin  $\alpha$  Major  
Cross Sections

82-Pb-212



1

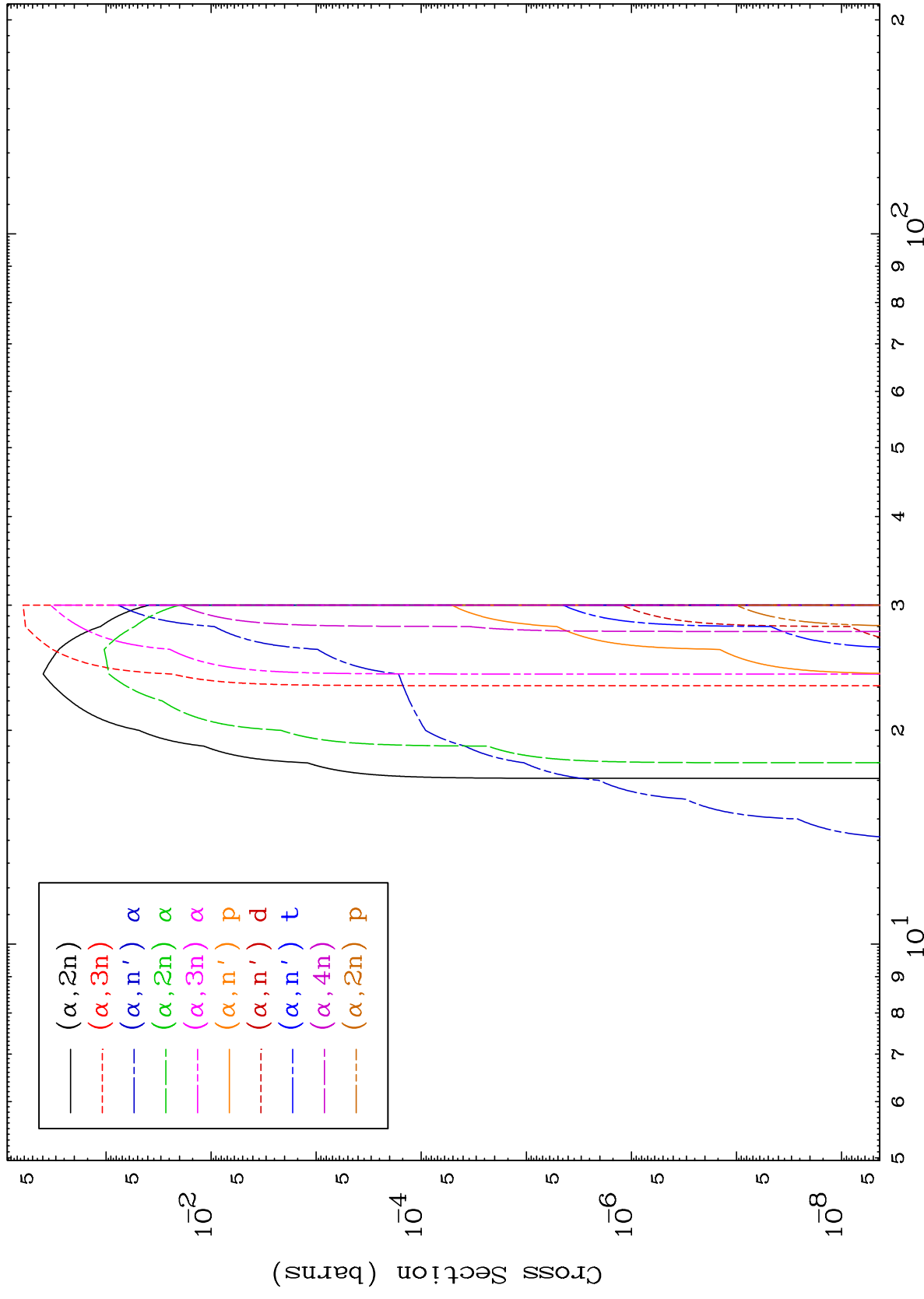
Incident Energy (MeV)

82-Pb-212

MAT 8249

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

82-Pb-212



2

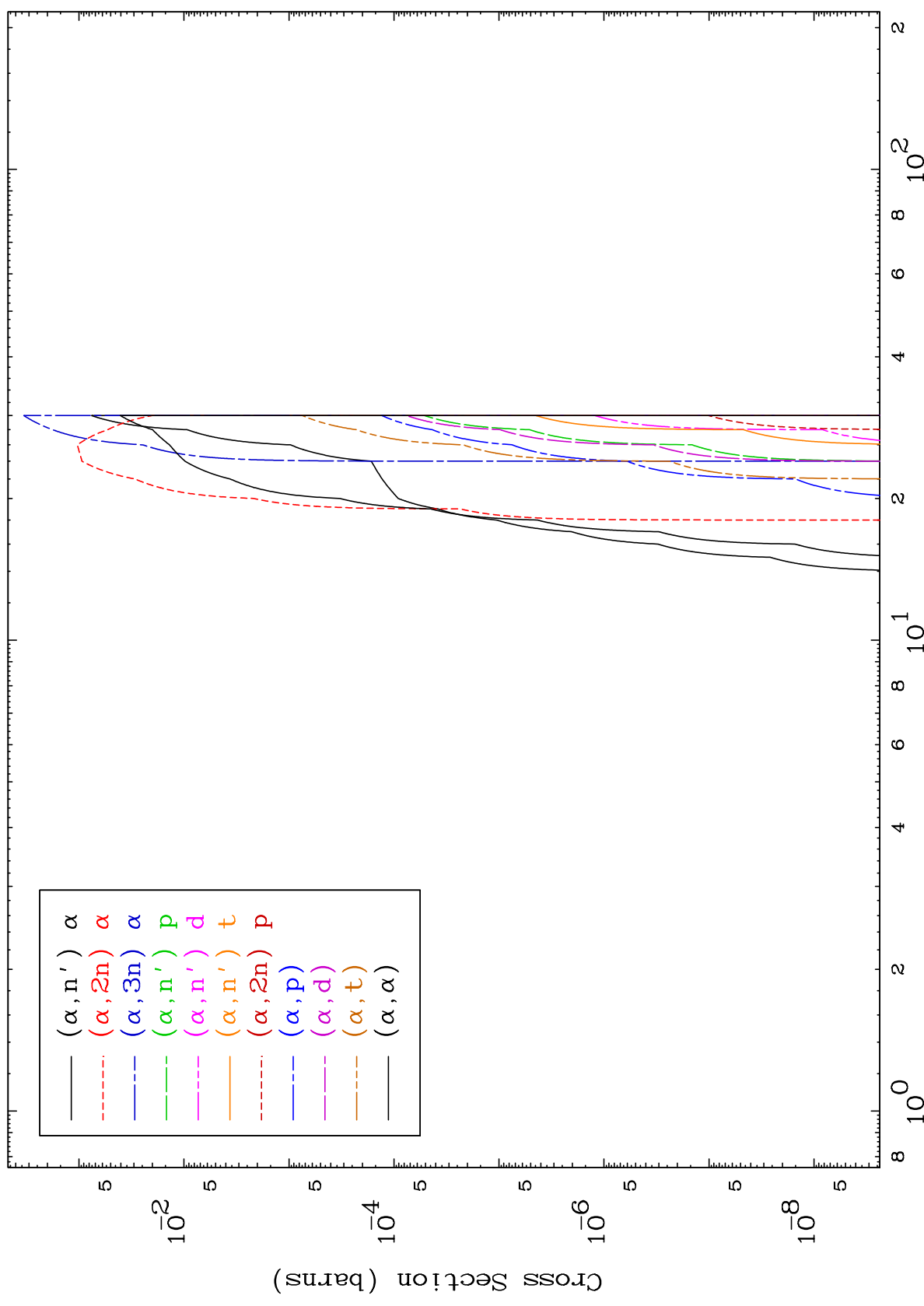
Incident Energy (MeV)

82-Pb-212

MAT 8249

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

82-Pb-212



3

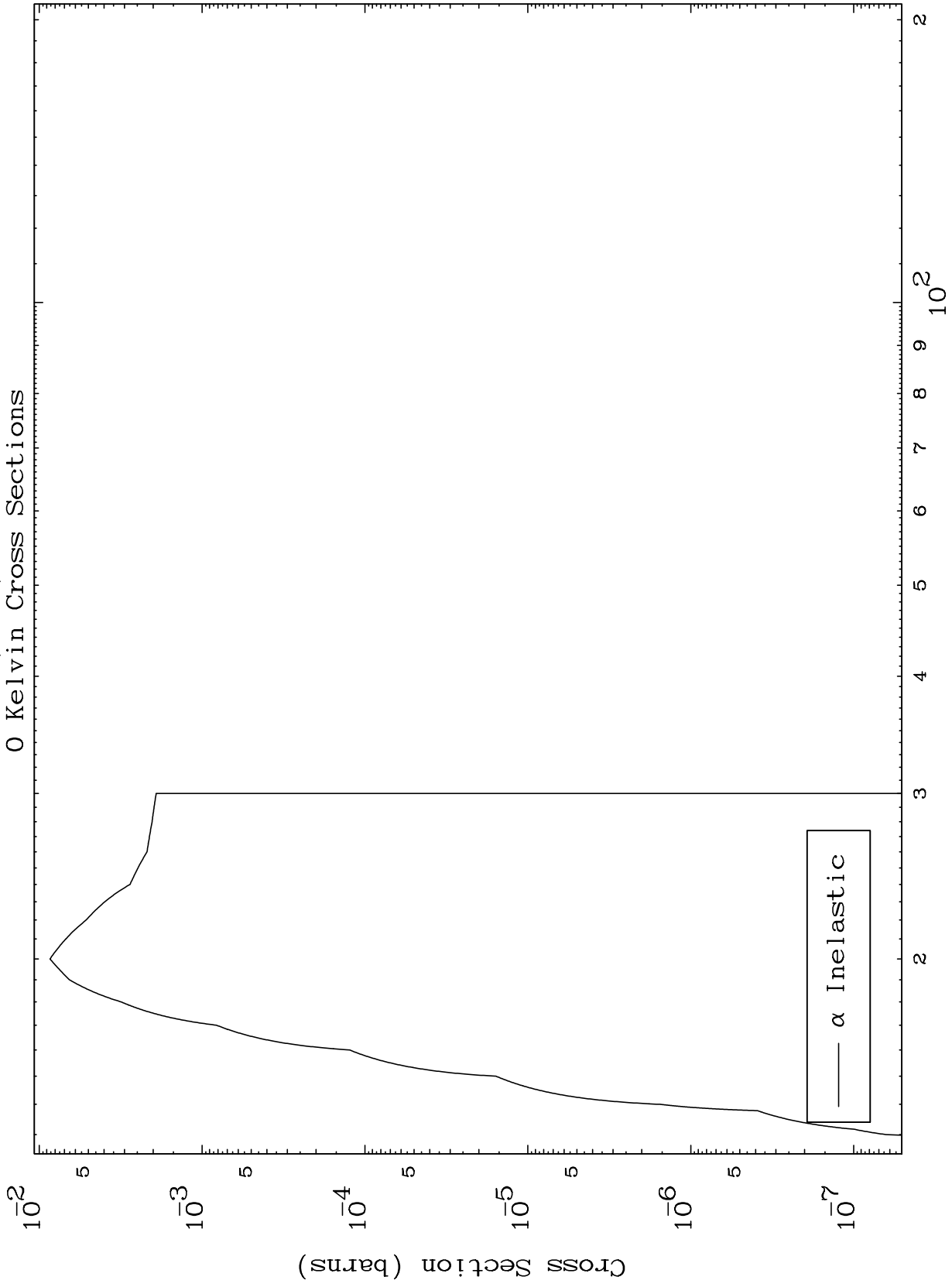
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



4

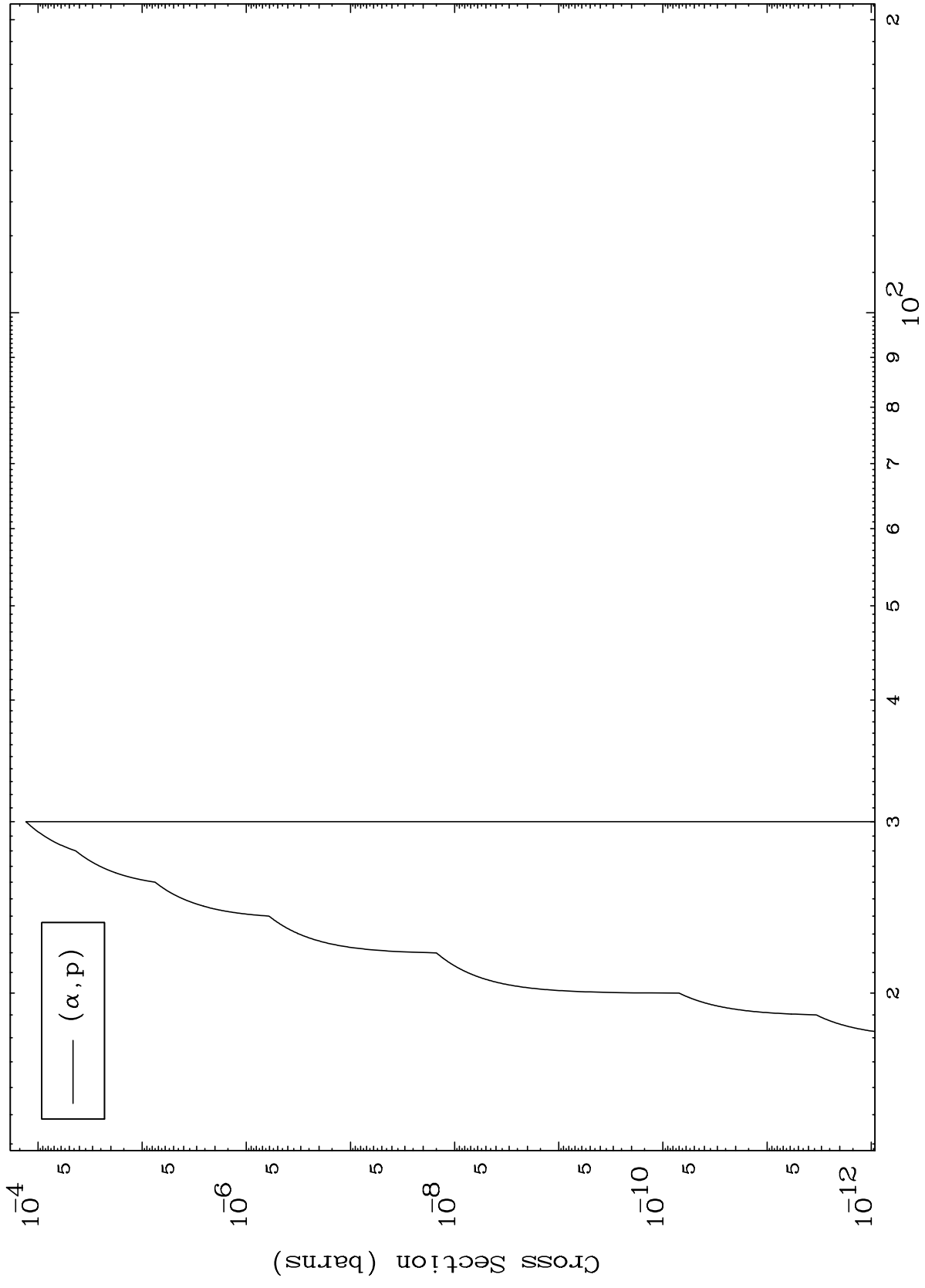
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



5

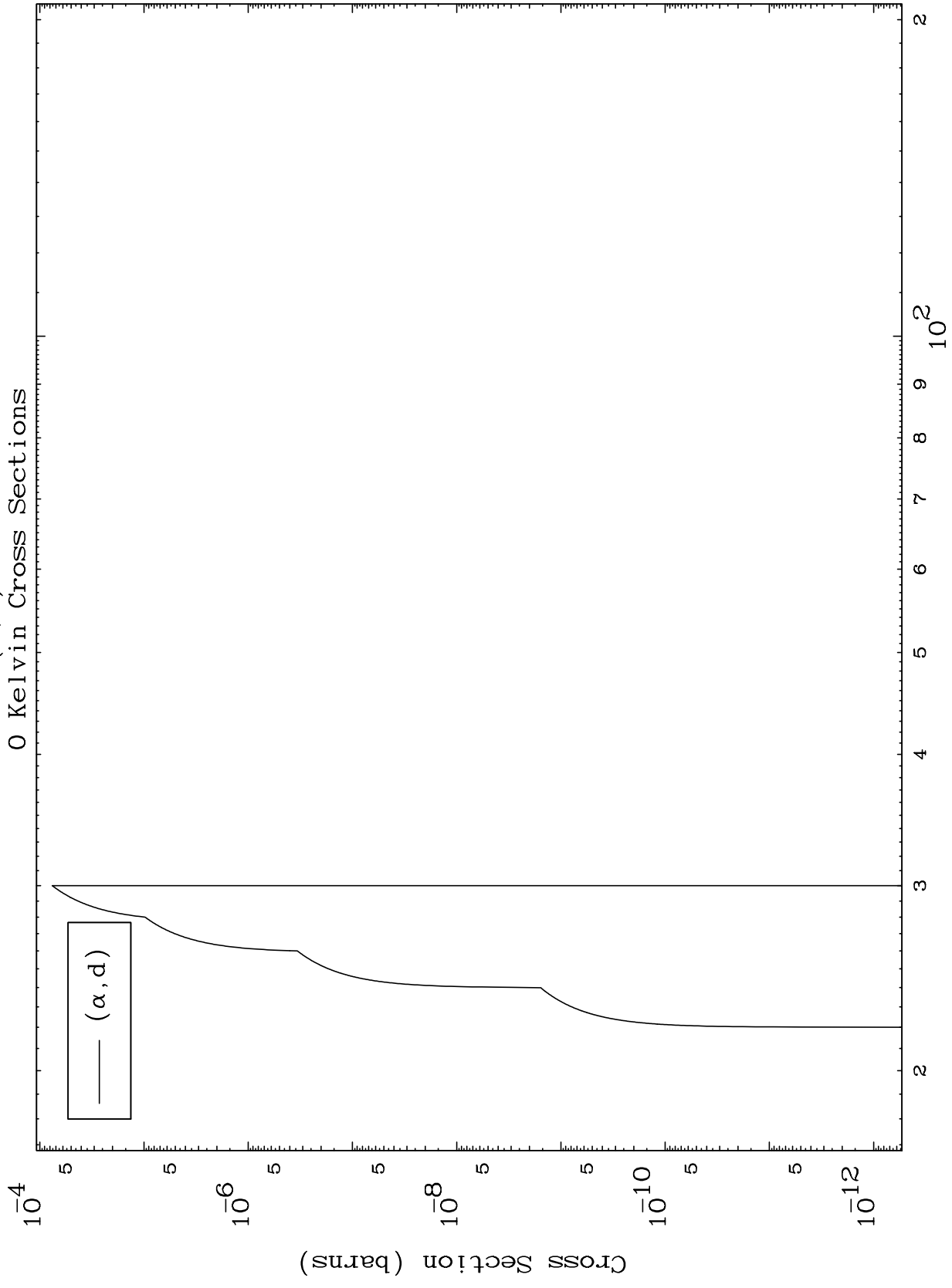
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



6

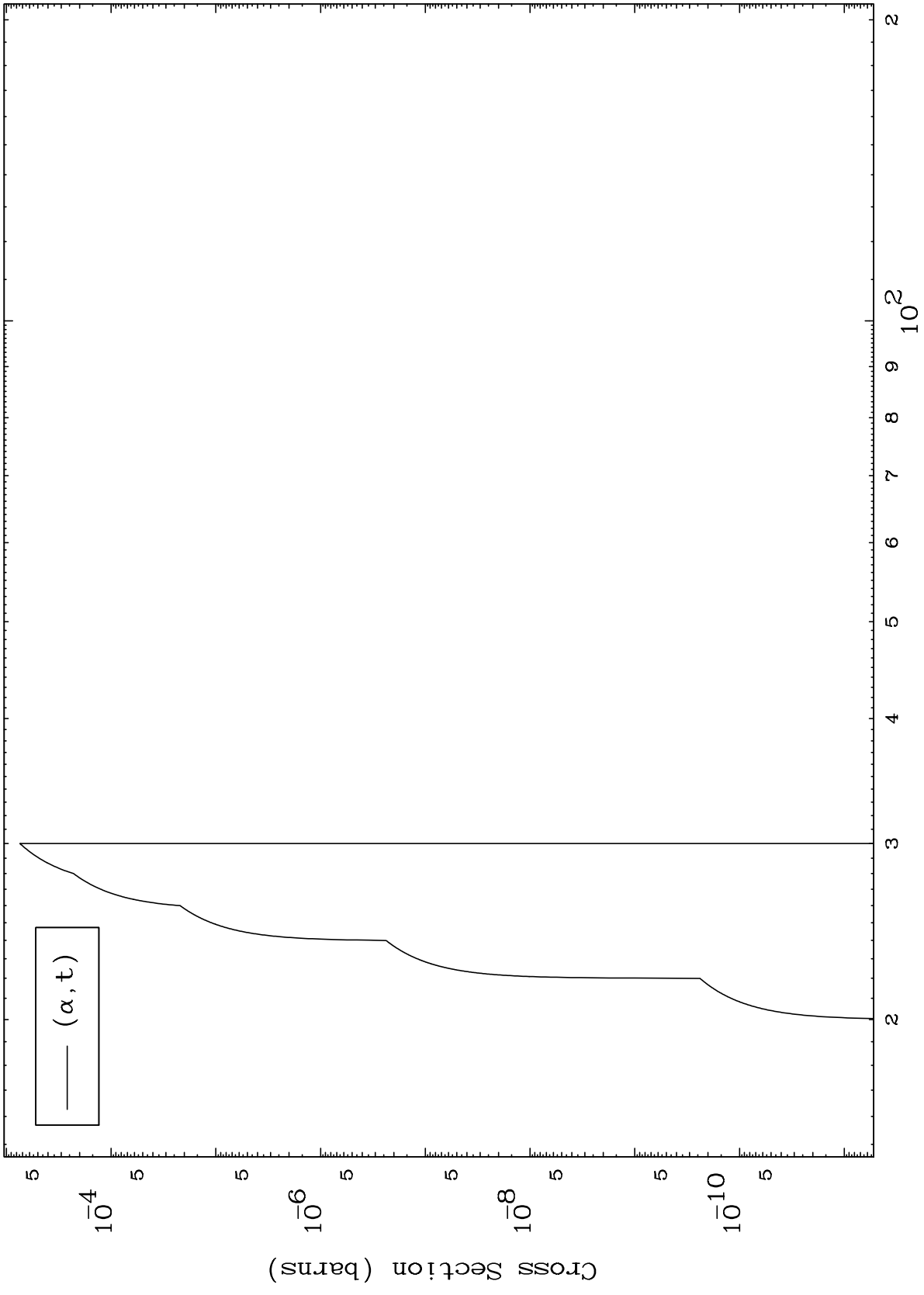
Incident Energy (MeV)

82-Pb-212

MAT 8249

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

82-Pb-212



7

Incident Energy (MeV)

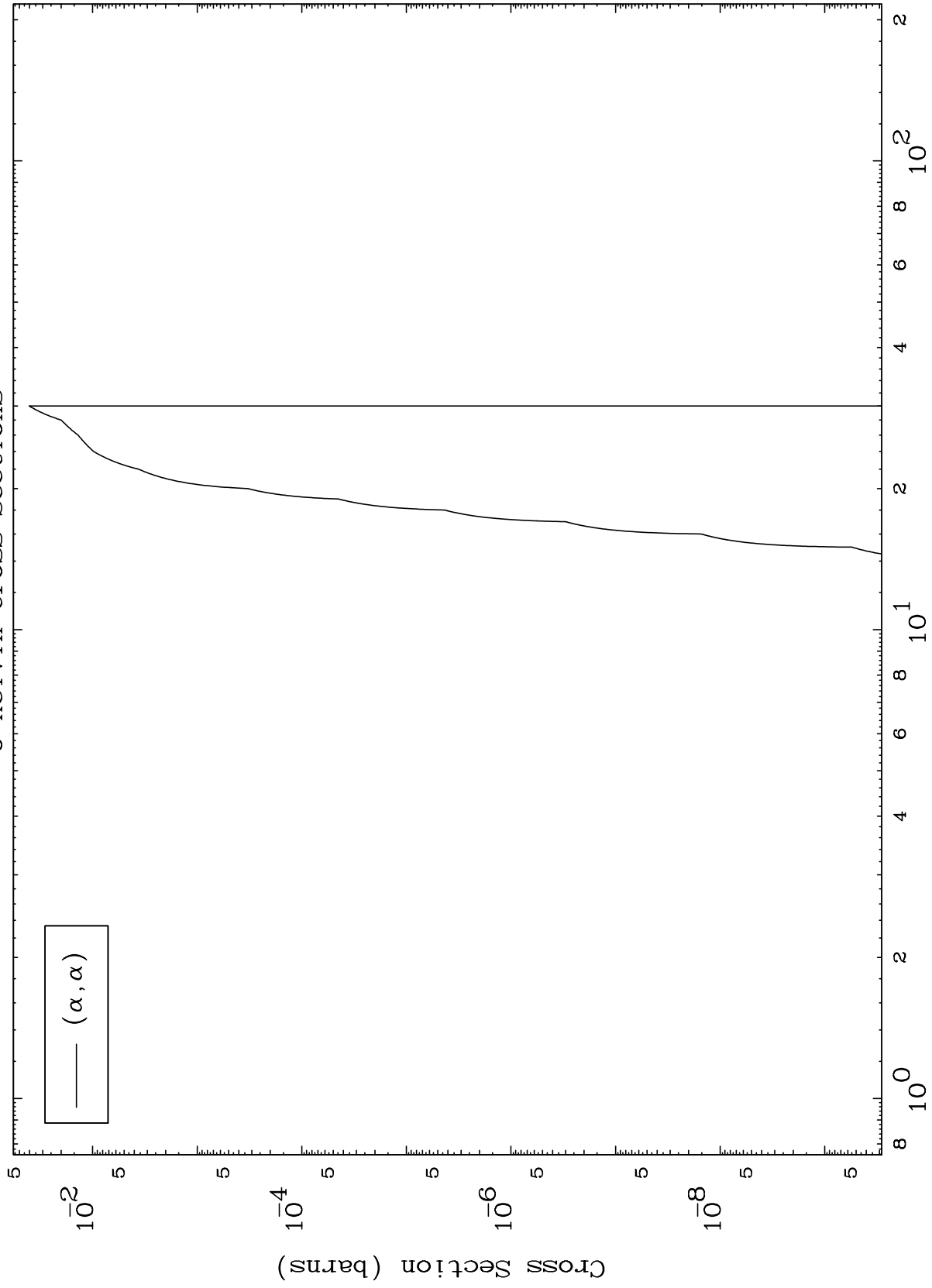
82-Pb-212



MAT 8249

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

82-Pb-212



8

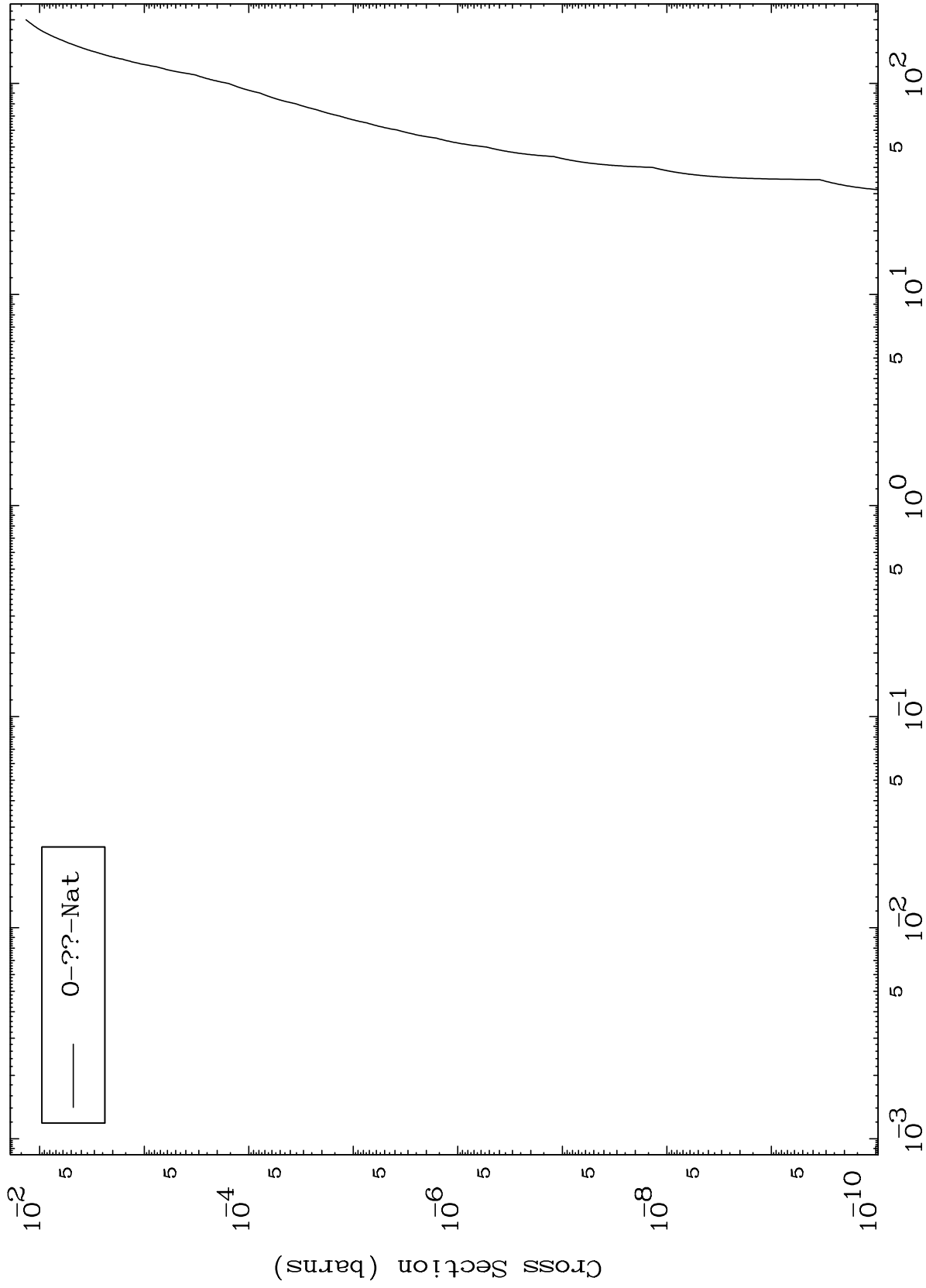
Incident Energy (MeV)

82-Pb-212

MAT 8249

$\alpha$  Fission  
Radionuclide Production Cross Section

82-Pb-212



9

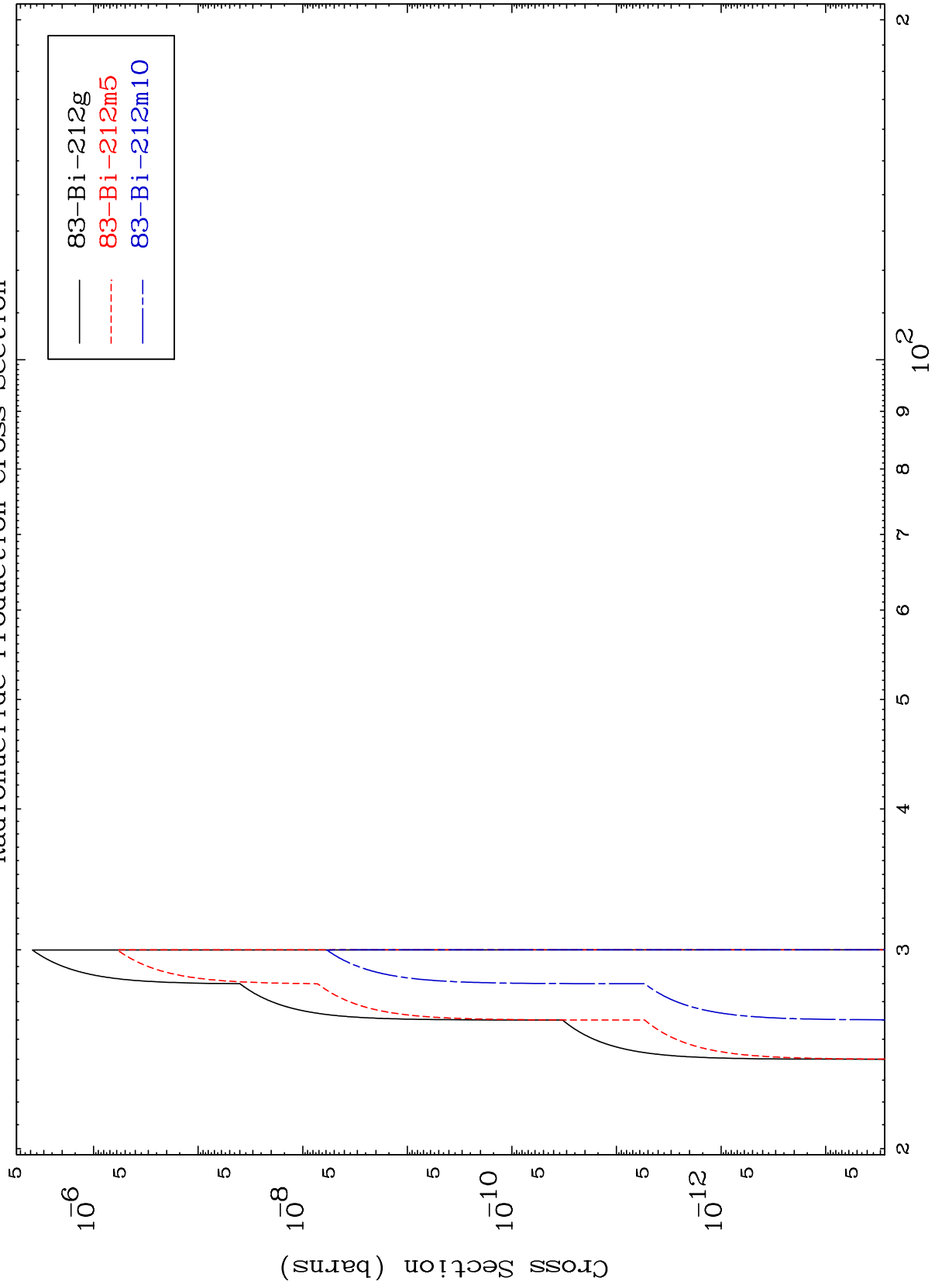
82-Pb-212

MAT 8249

( $\alpha, n'$ ) t

82-Pb-212

Radionuclide Production Cross Section



10

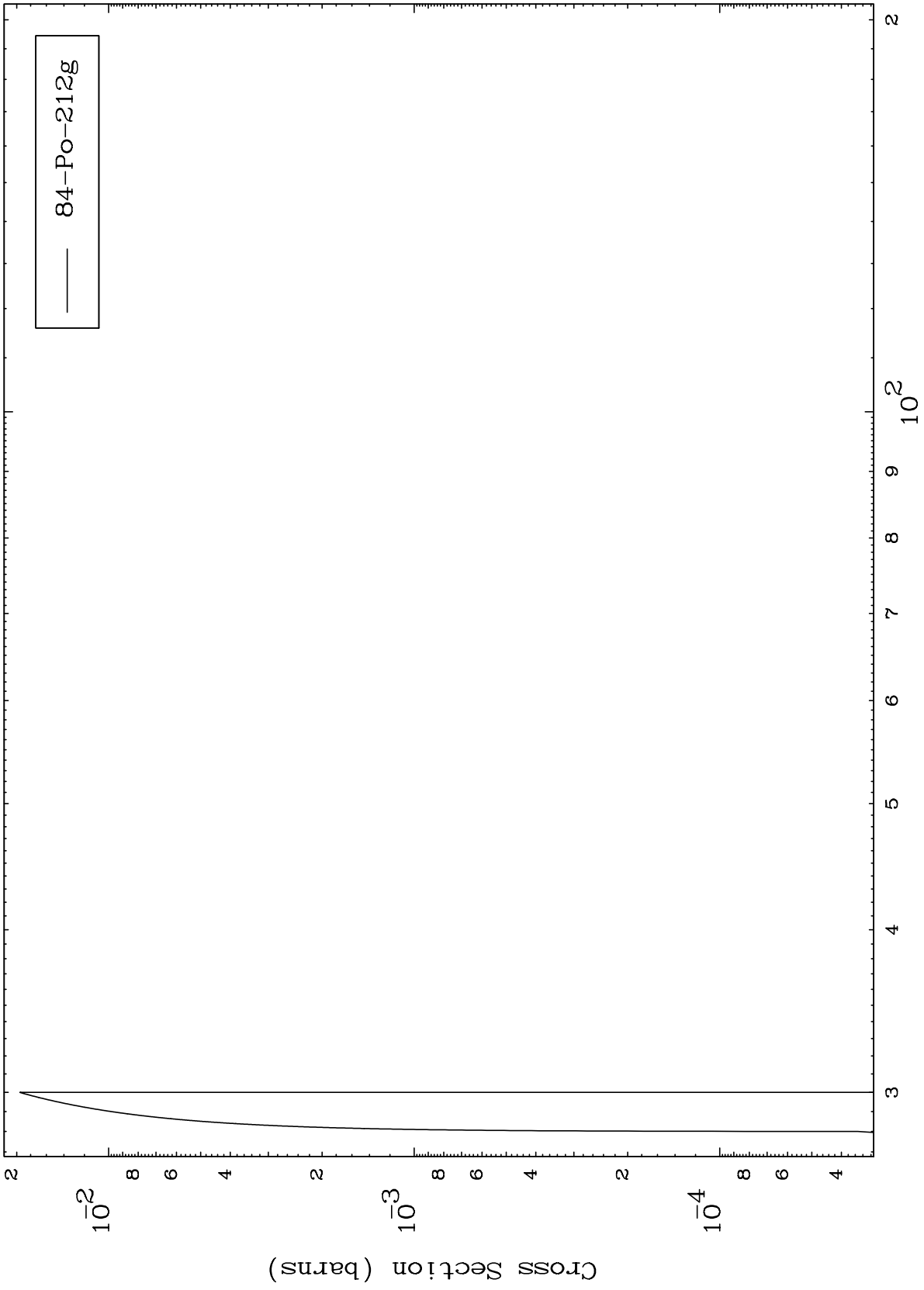
Incident Energy (MeV)

82-Pb-212

MAT 8249

82-Pb-212

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



82-Pb-212

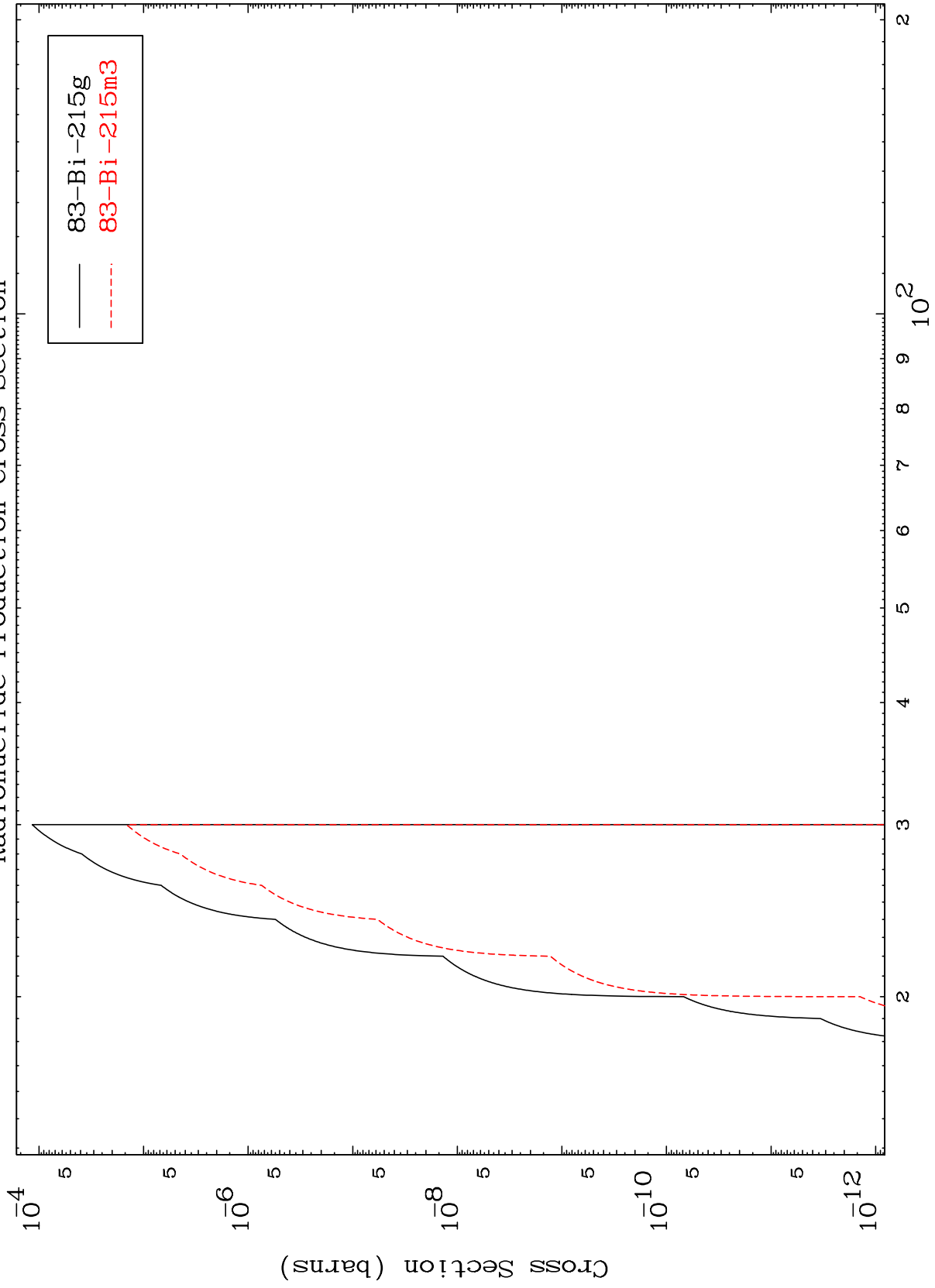
Incident Energy (MeV)

11

MAT 8249

82-Pb-212

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



12

82-Pb-212