

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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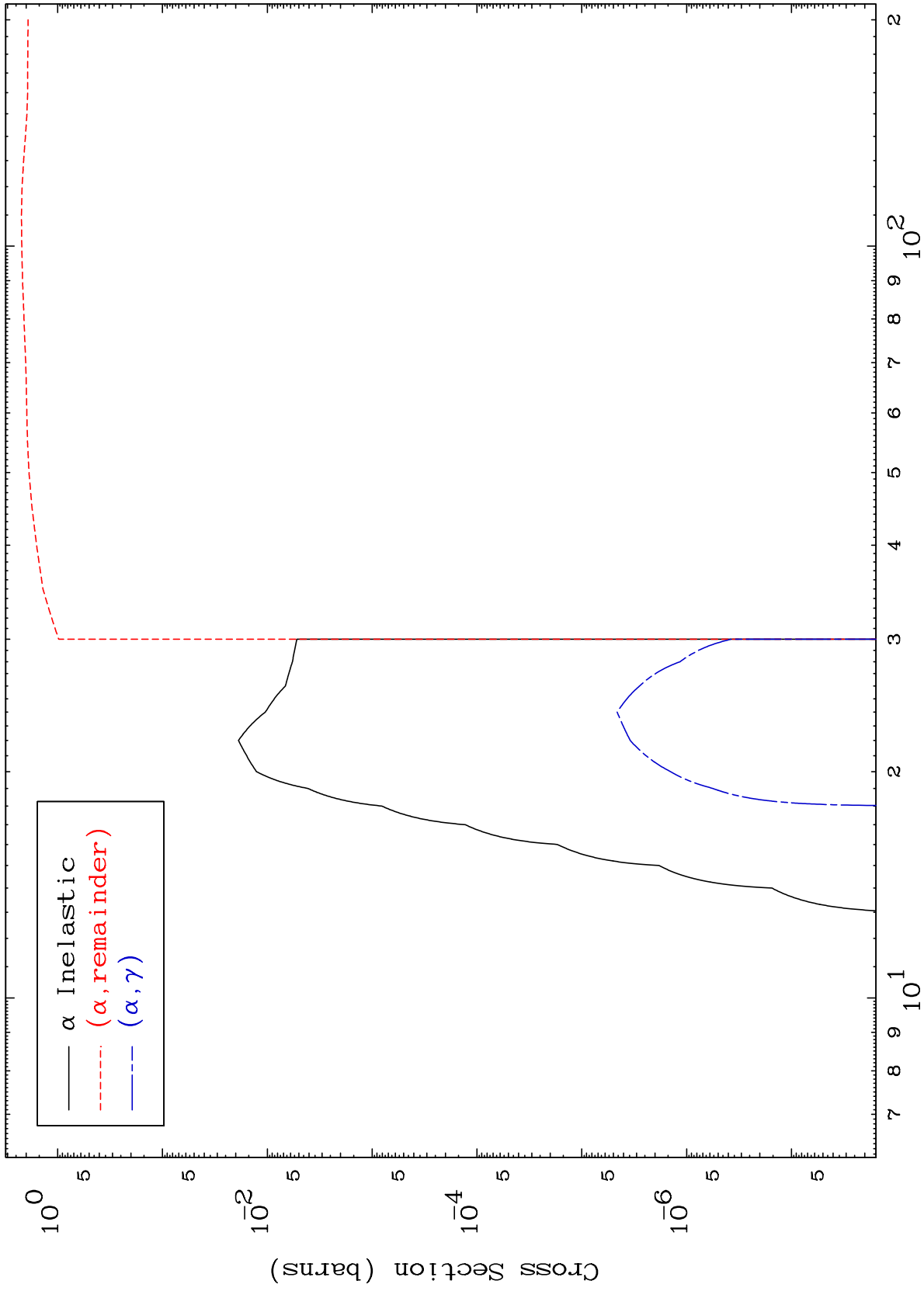
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8749

0 Kelvin  $\alpha$  Major  
Cross Sections

87-Fr-220



1

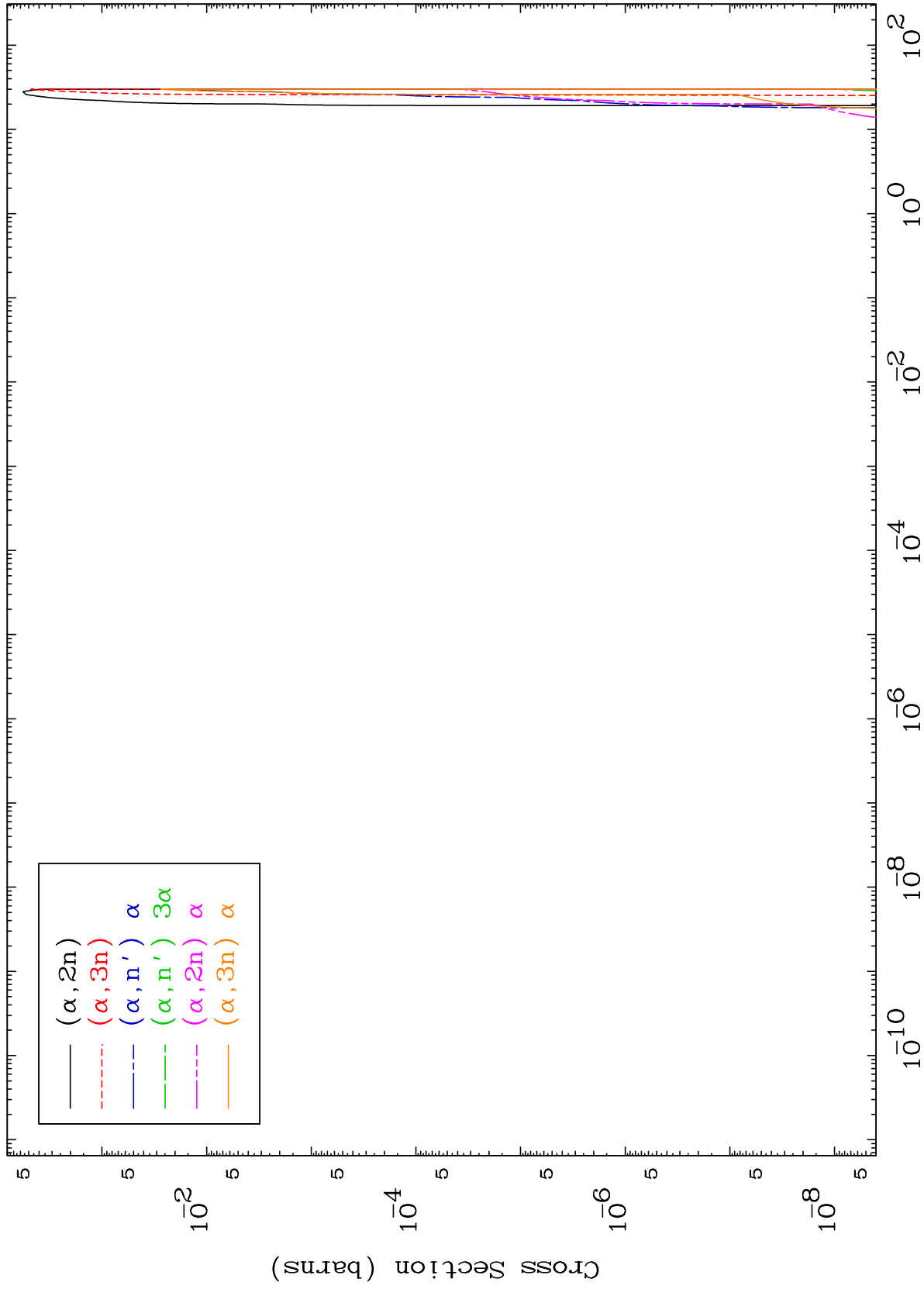
Incident Energy (MeV)

87-Fr-220

MAT 8749

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

87-Fr-220



2

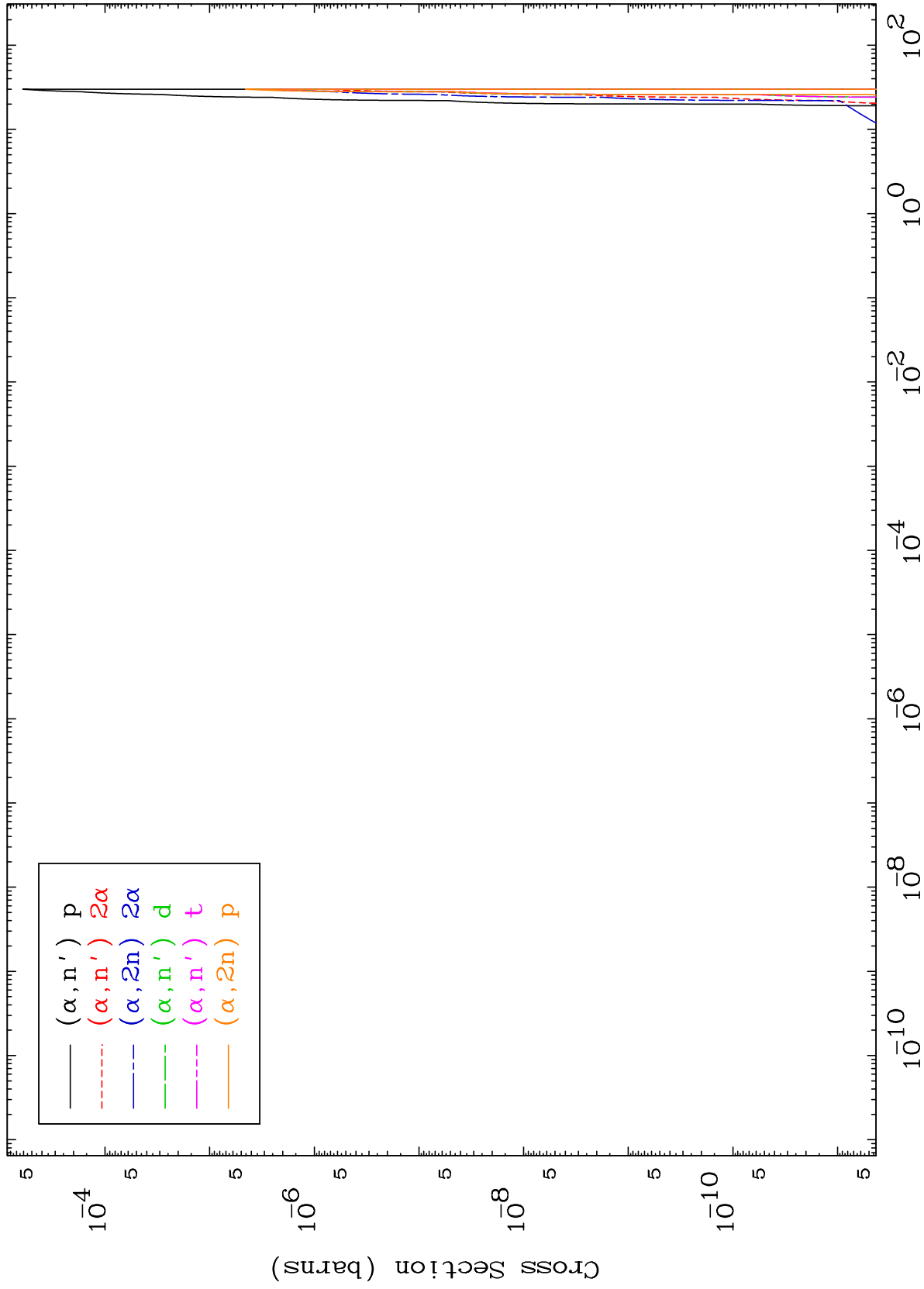
Incident Energy (MeV)

87-Fr-220

MAT 8749

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

87-Fr-220



3

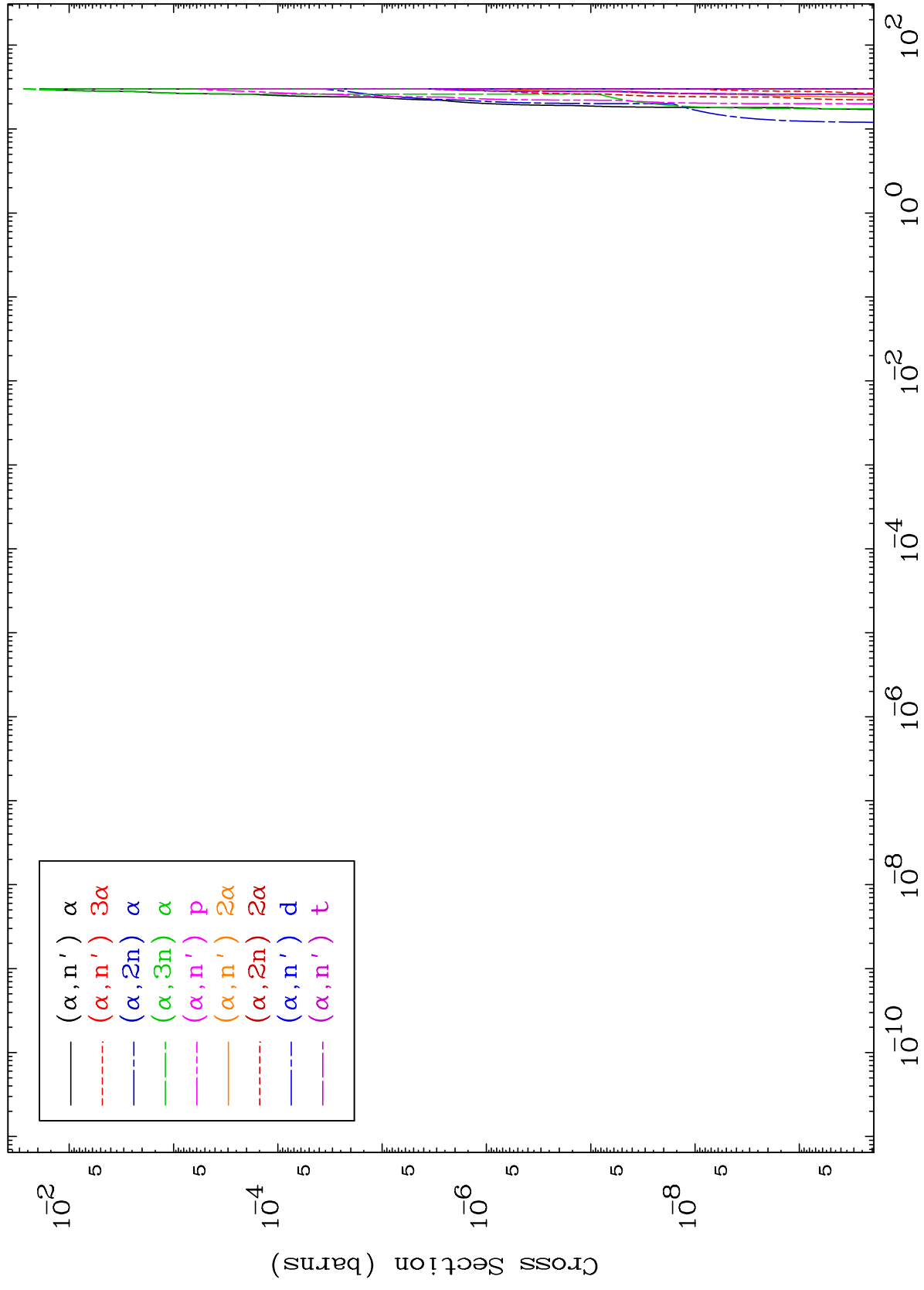
Incident Energy (MeV)

87-Fr-220

MAT 8749

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

87-Fr-220



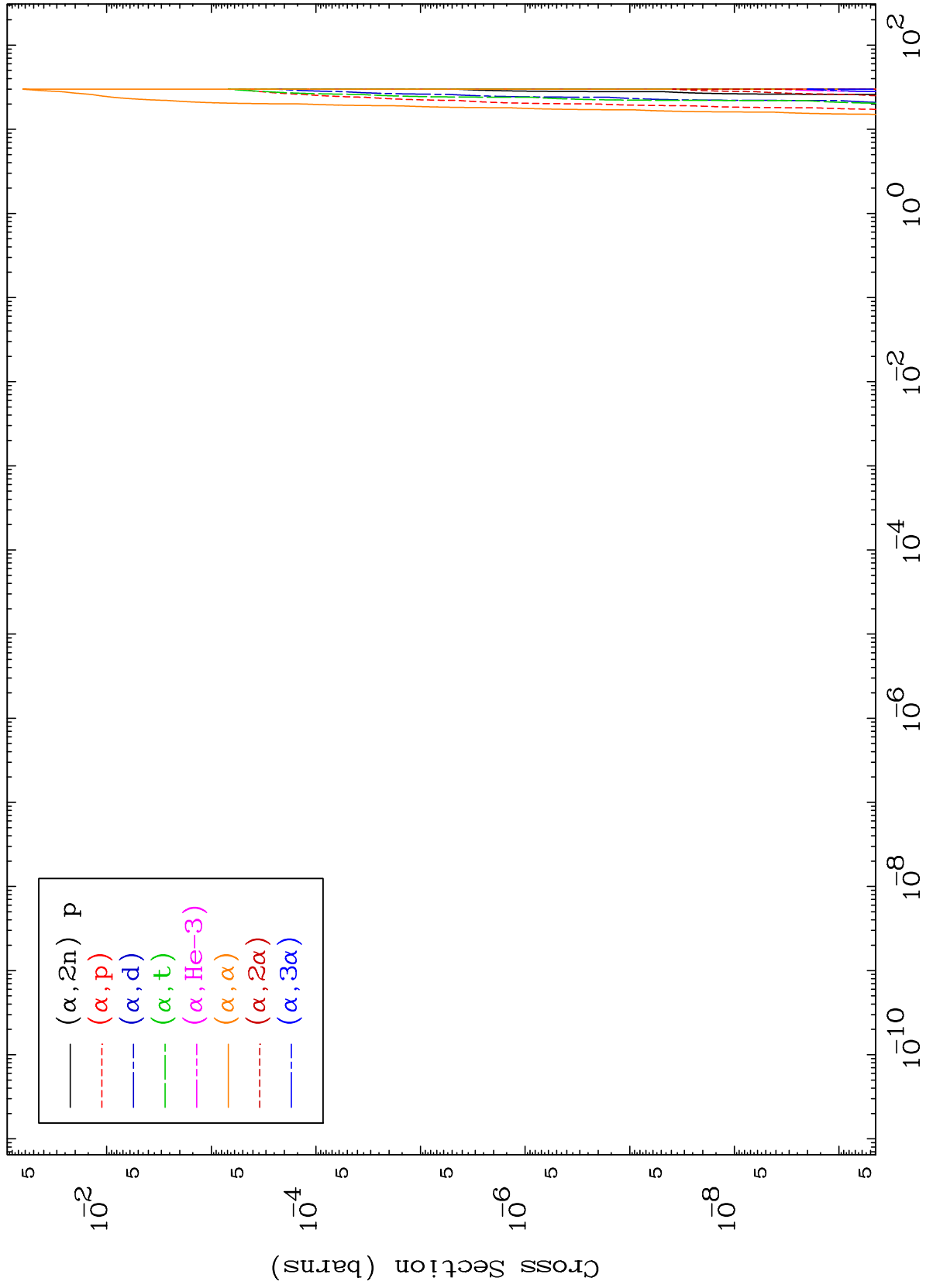
87-Fr-220

Incident Energy (MeV)

MAT 8749

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

87-Fr-220



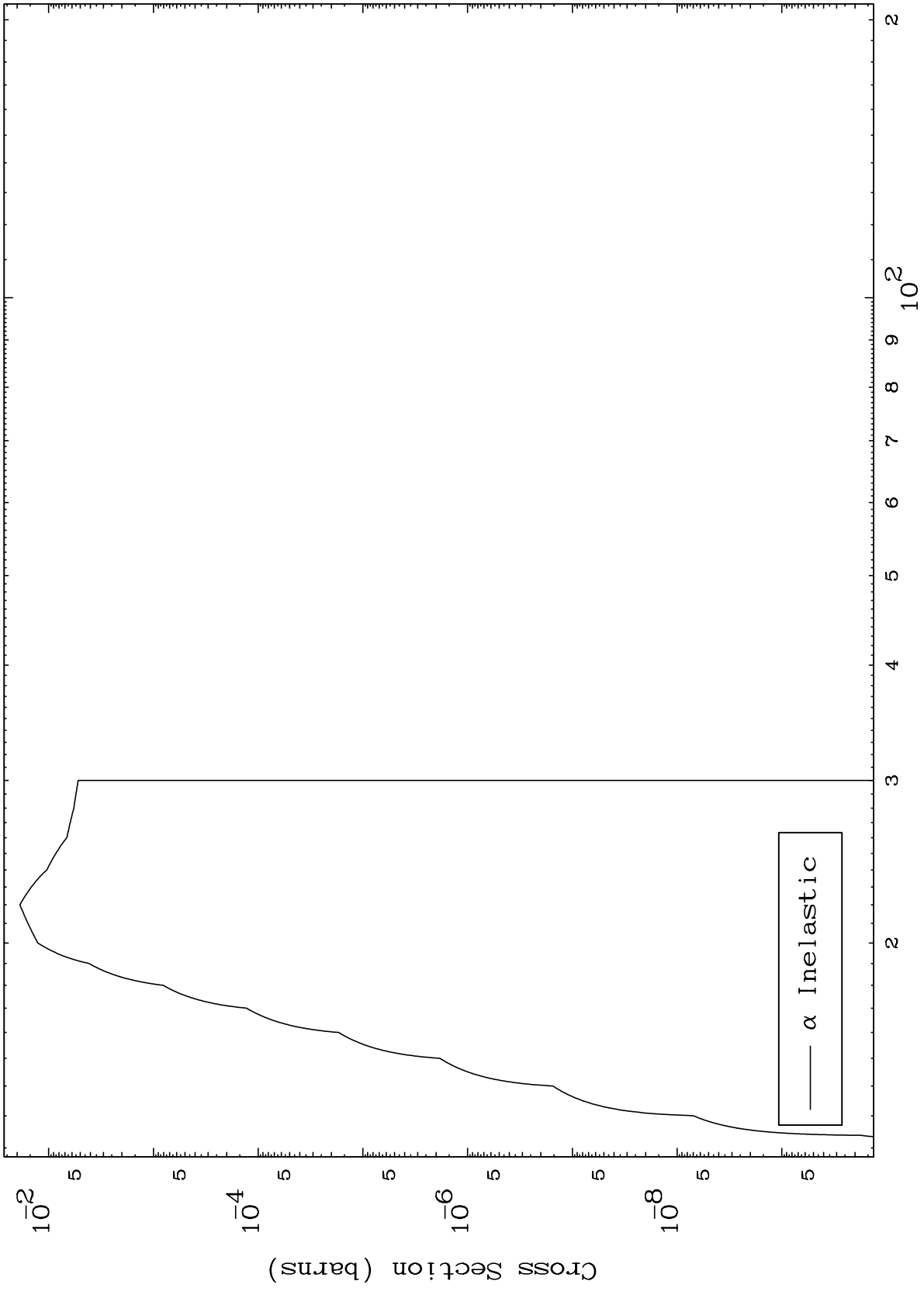
5

87-Fr-220

MAT 8749

87-Fr-220

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



6

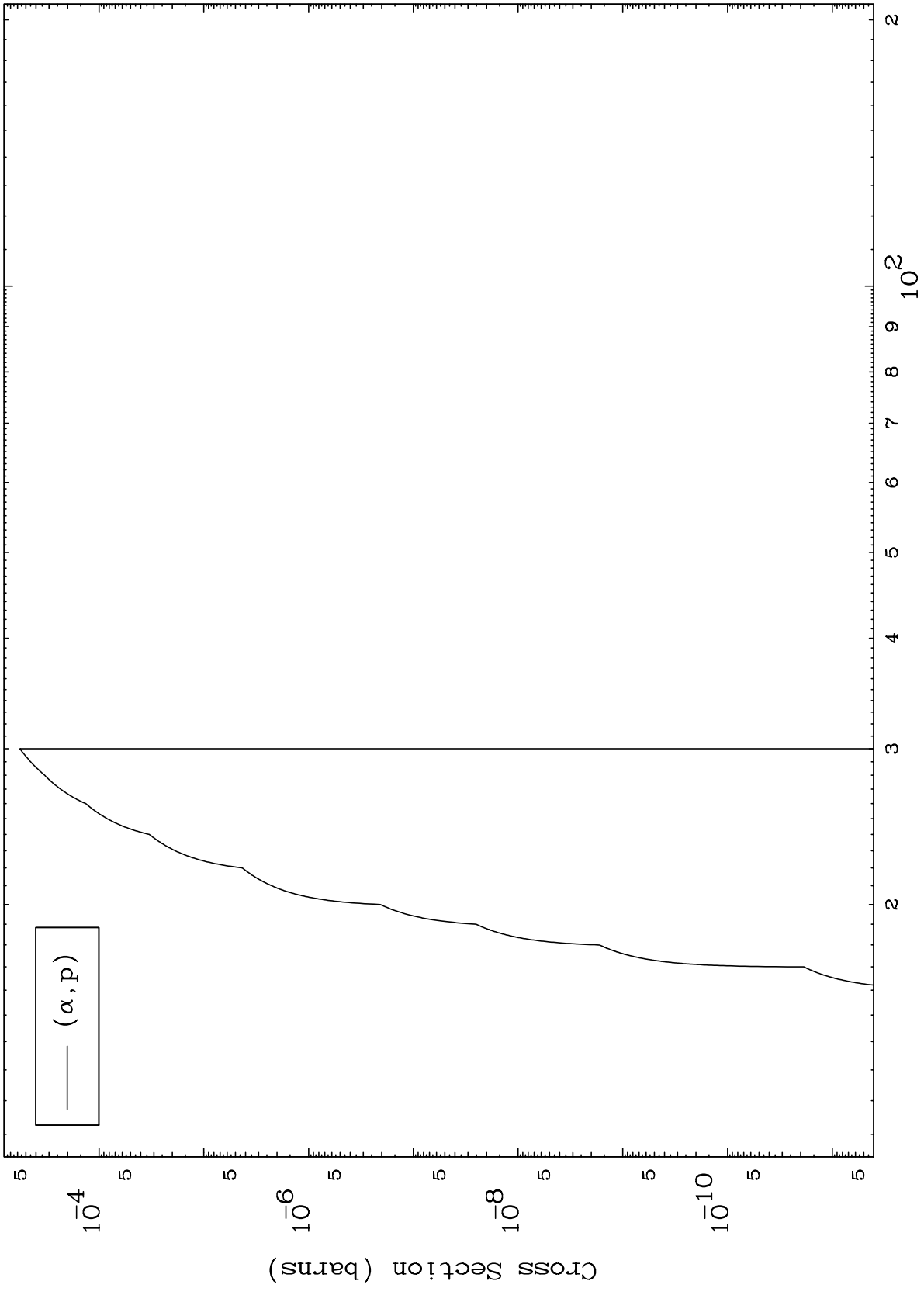
87-Fr-220

Incident Energy (MeV)

MAT 8749

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

87-Fr-220



7

Incident Energy (MeV)

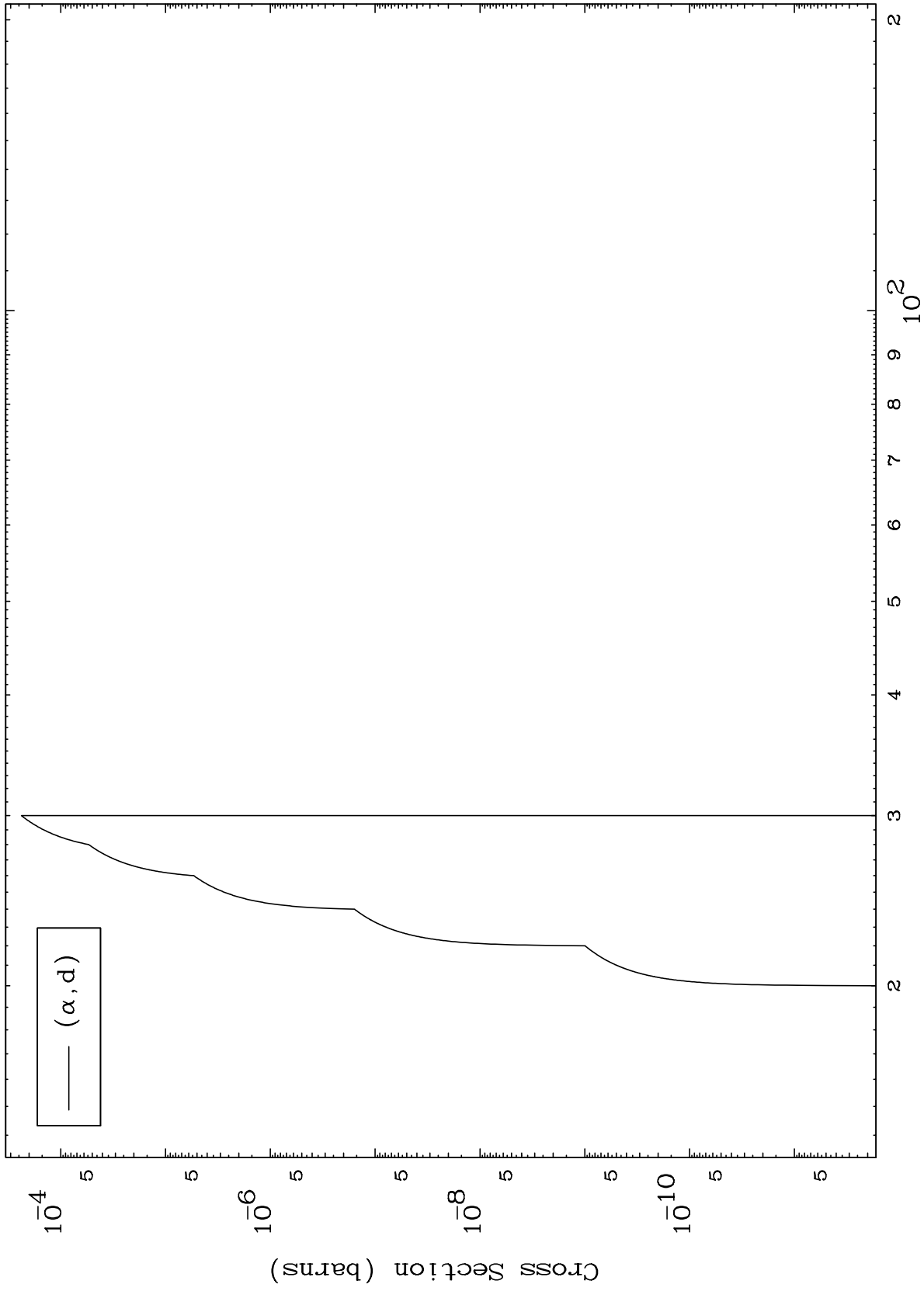
87-Fr-220



MAT 8749

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

87-Fr-220



8

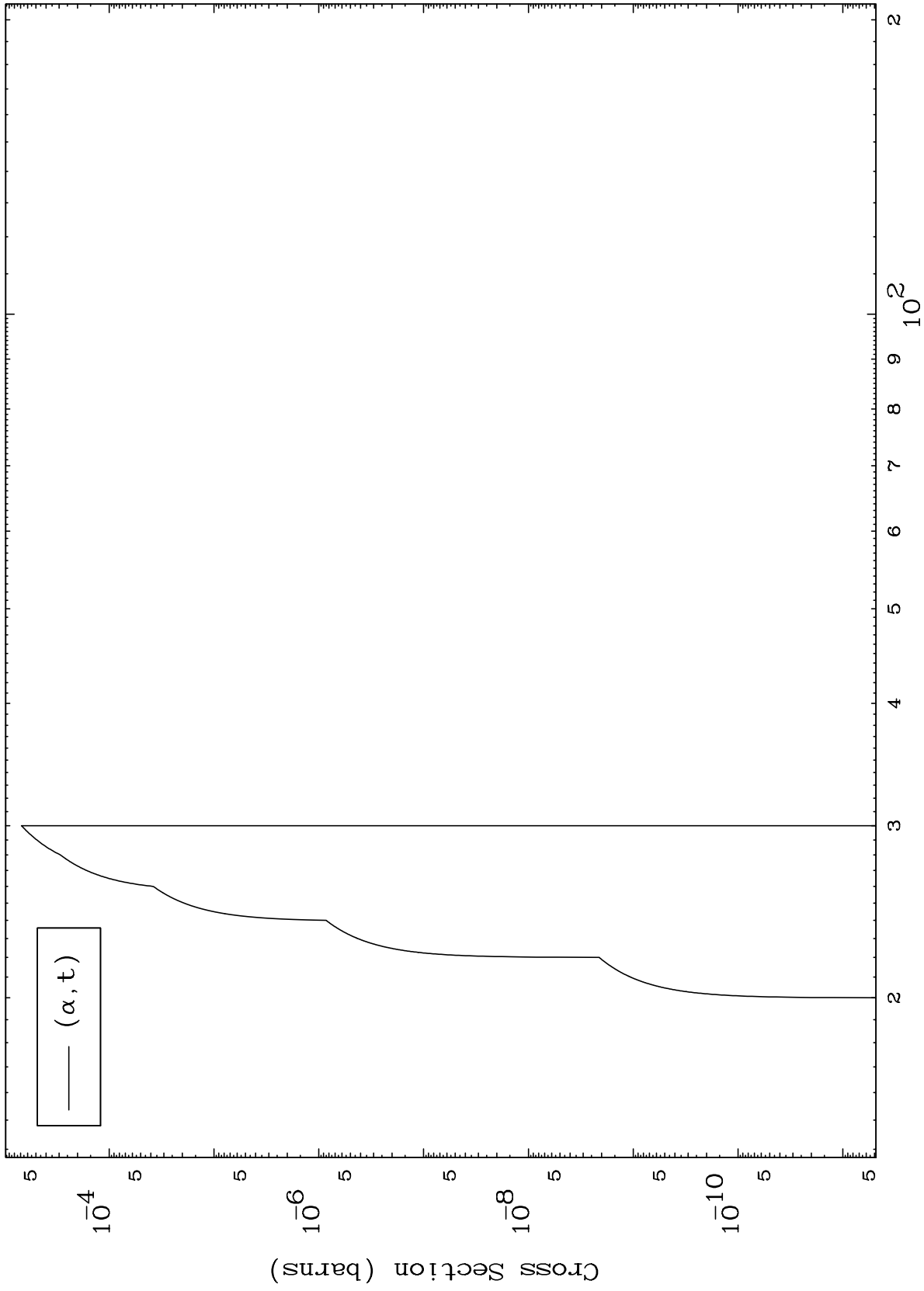
Incident Energy (MeV)

87-Fr-220

MAT 8749

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

87-Fr-220



9

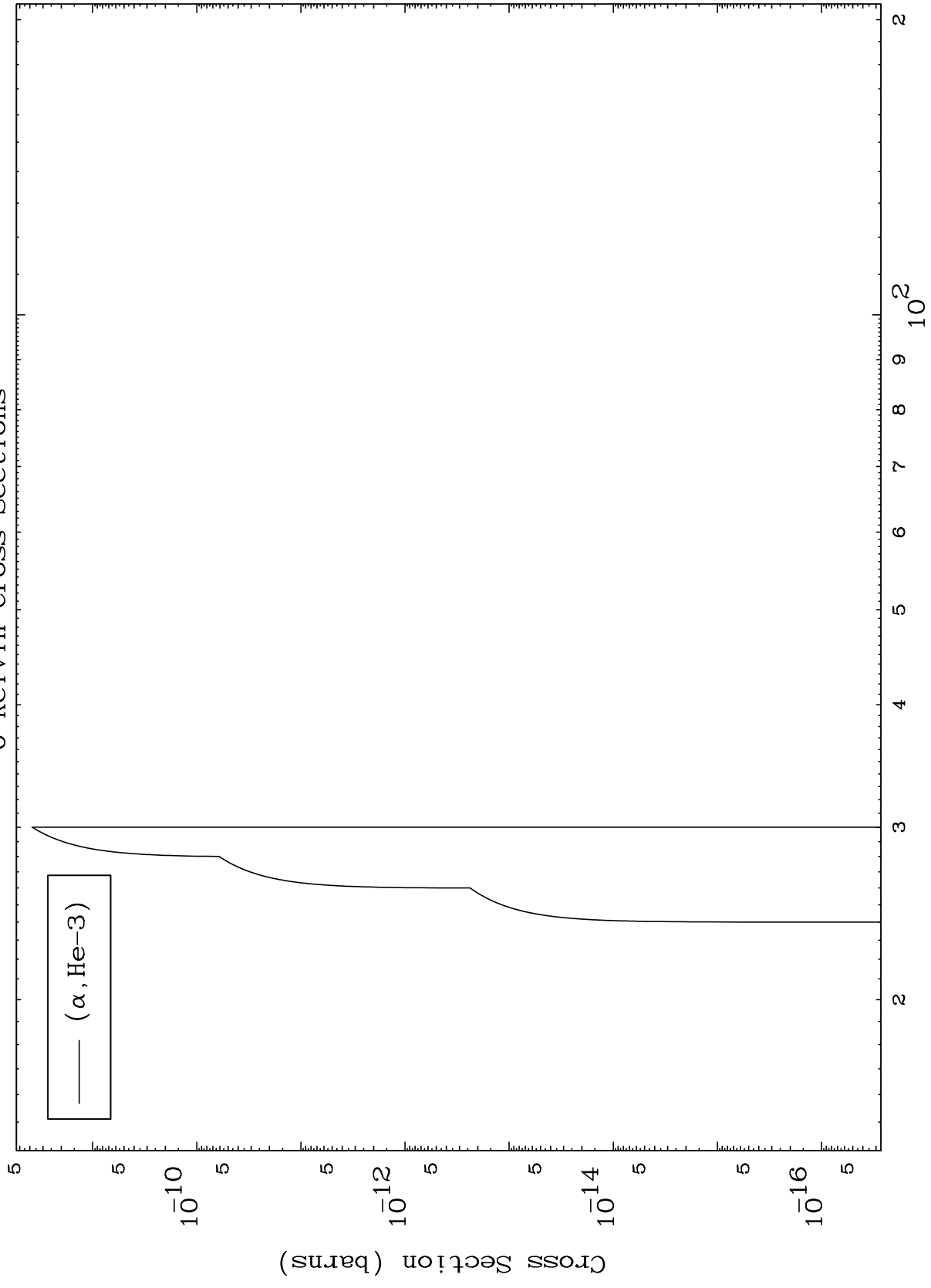
Incident Energy (MeV)

87-Fr-220

MAT 8749

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

87-Fr-220



10

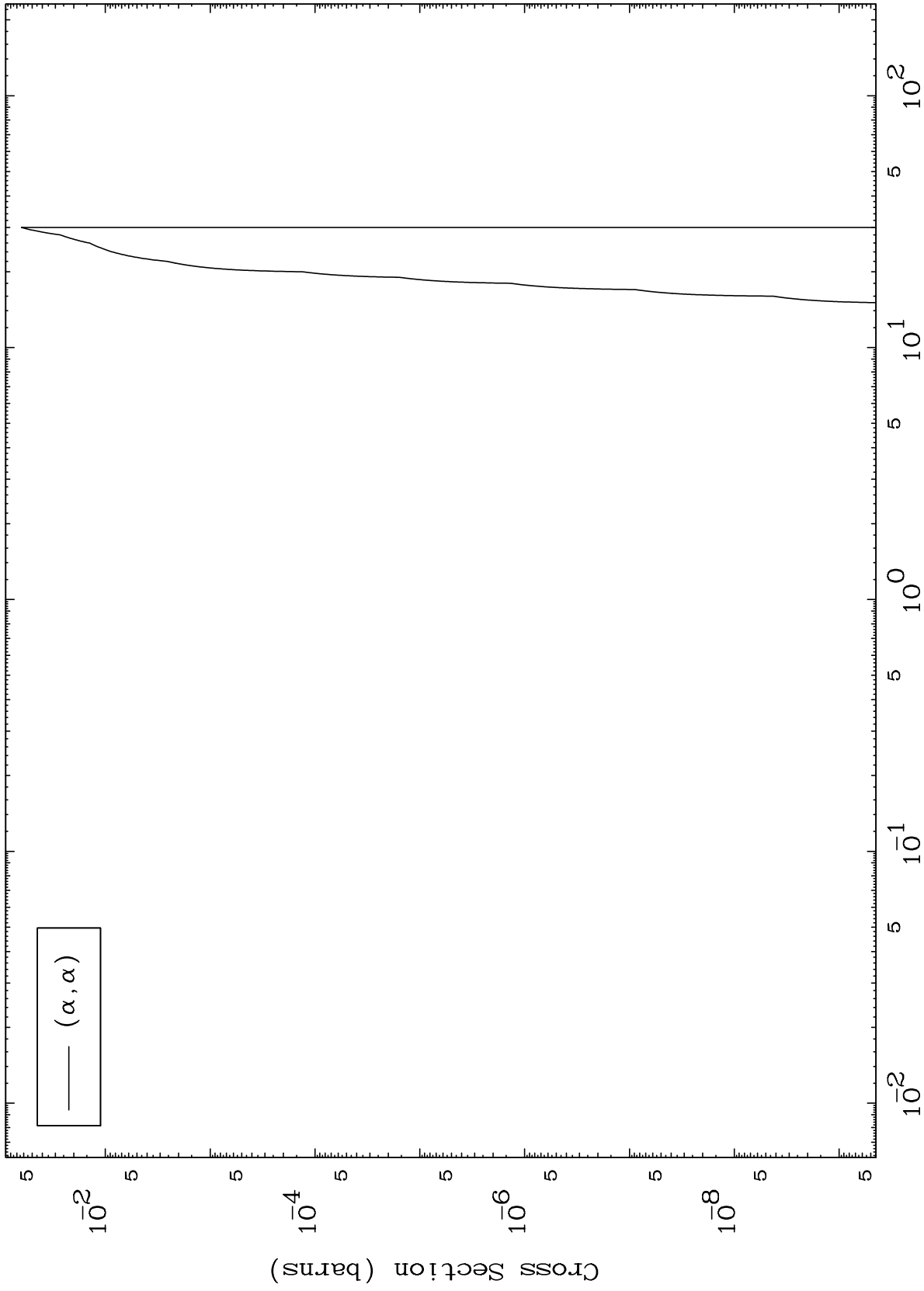
Incident Energy (MeV)

87-Fr-220

MAT 8749

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

87-Fr-220



11

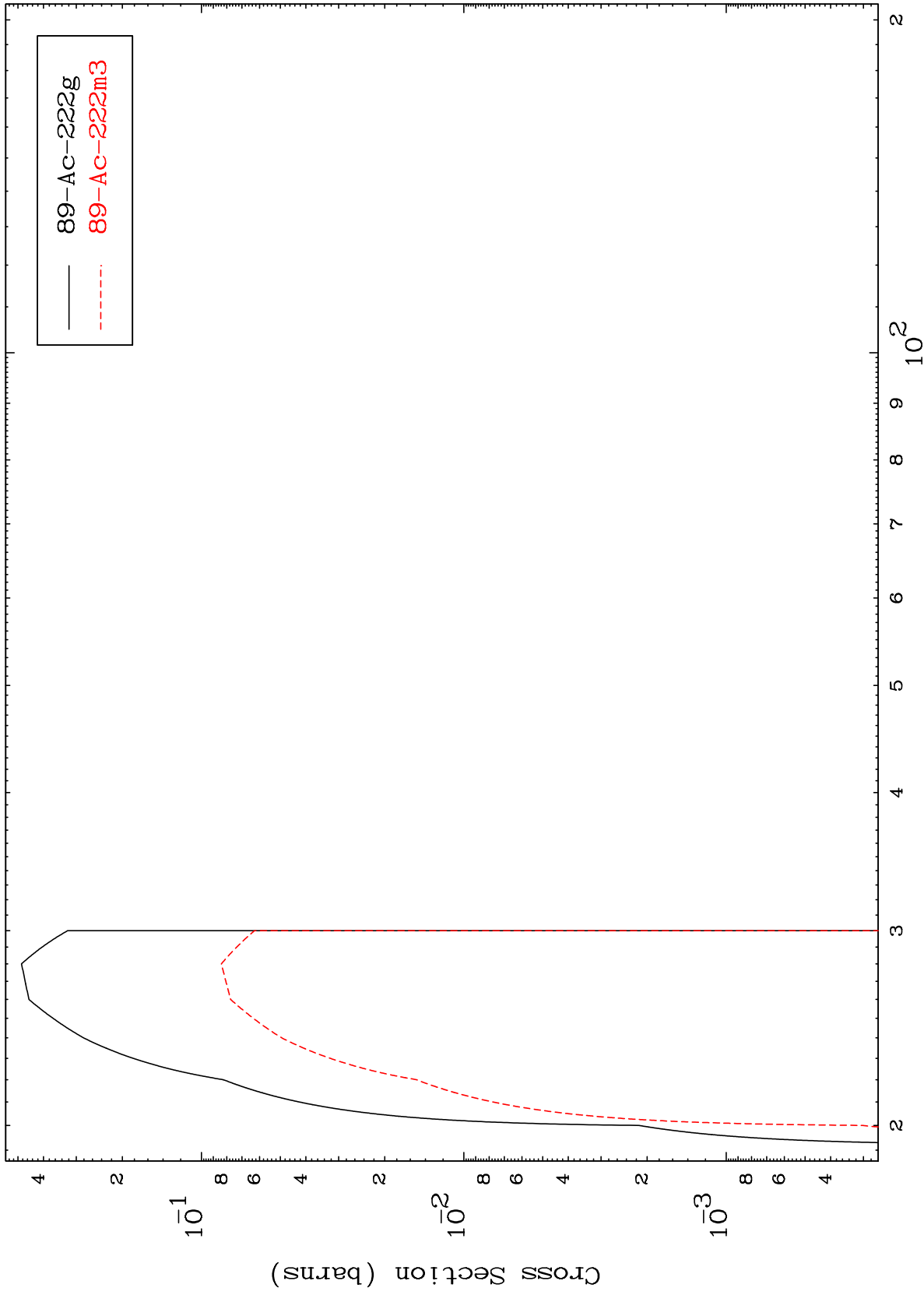
Incident Energy (MeV)

87-Fr-220

MAT 8749

87-Fr-220

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



12

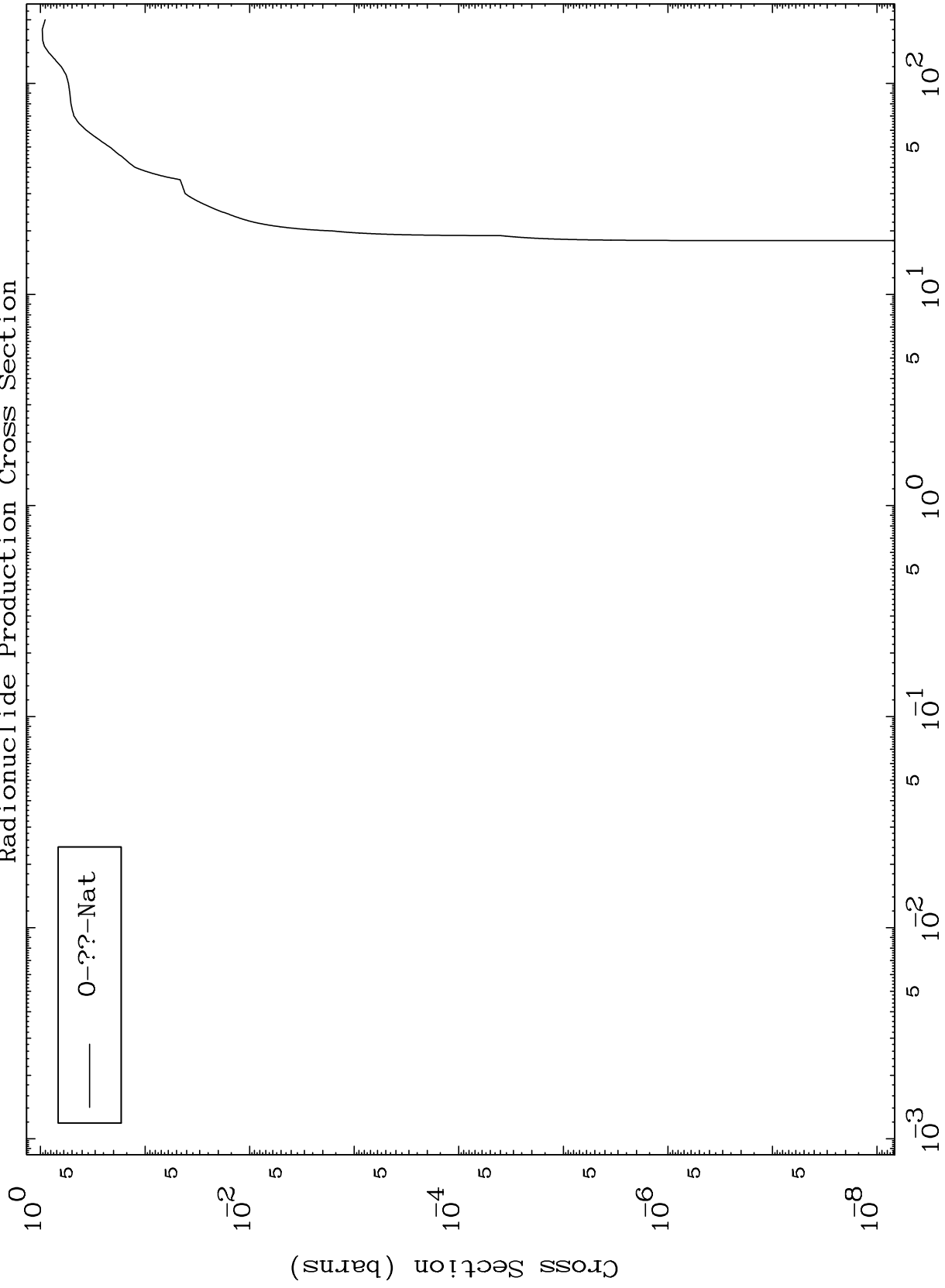
Incident Energy (MeV)

87-Fr-220

MAT 8749

87-Fr-220

$\alpha$  Fission  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

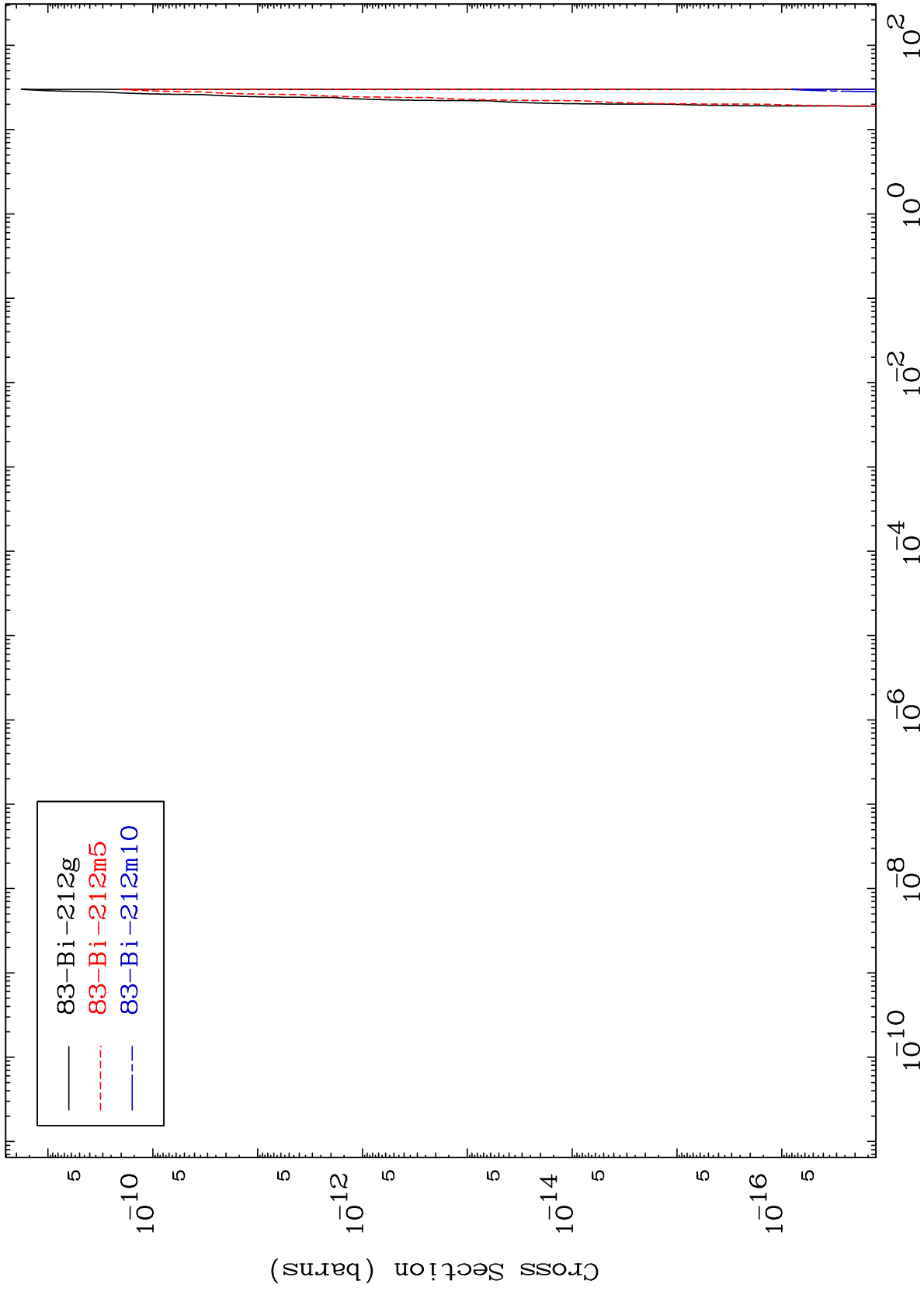
87-Fr-220

MAT 8749

( $\alpha, 3\alpha$ )

$^{87}\text{Fr}-220$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

$^{87}\text{Fr}-220$