

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

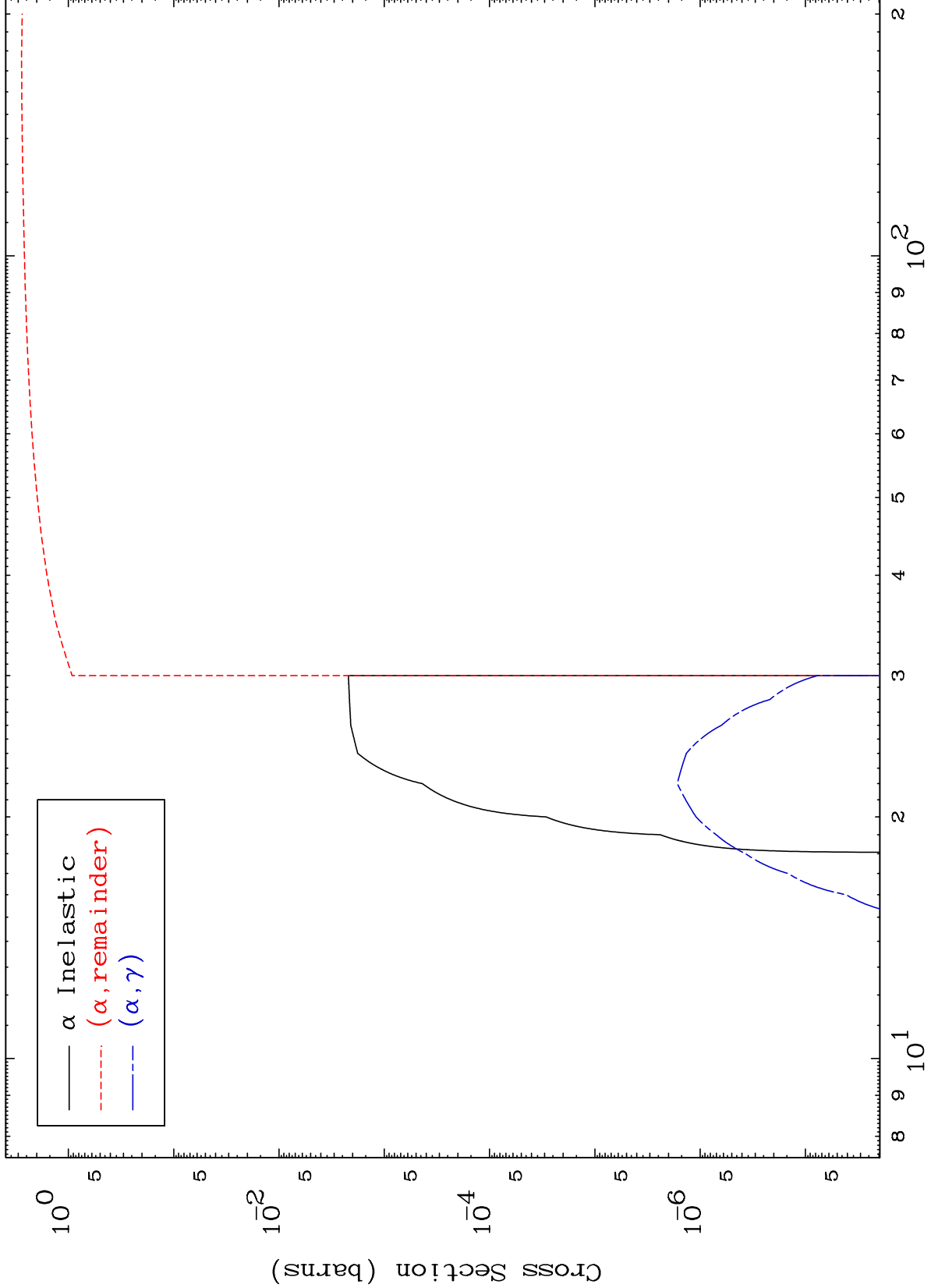
Press Mouse Button to Start

MAT 8704

$\alpha$  Major

87-Fr-205

0 Kelvin Cross Sections



$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

1

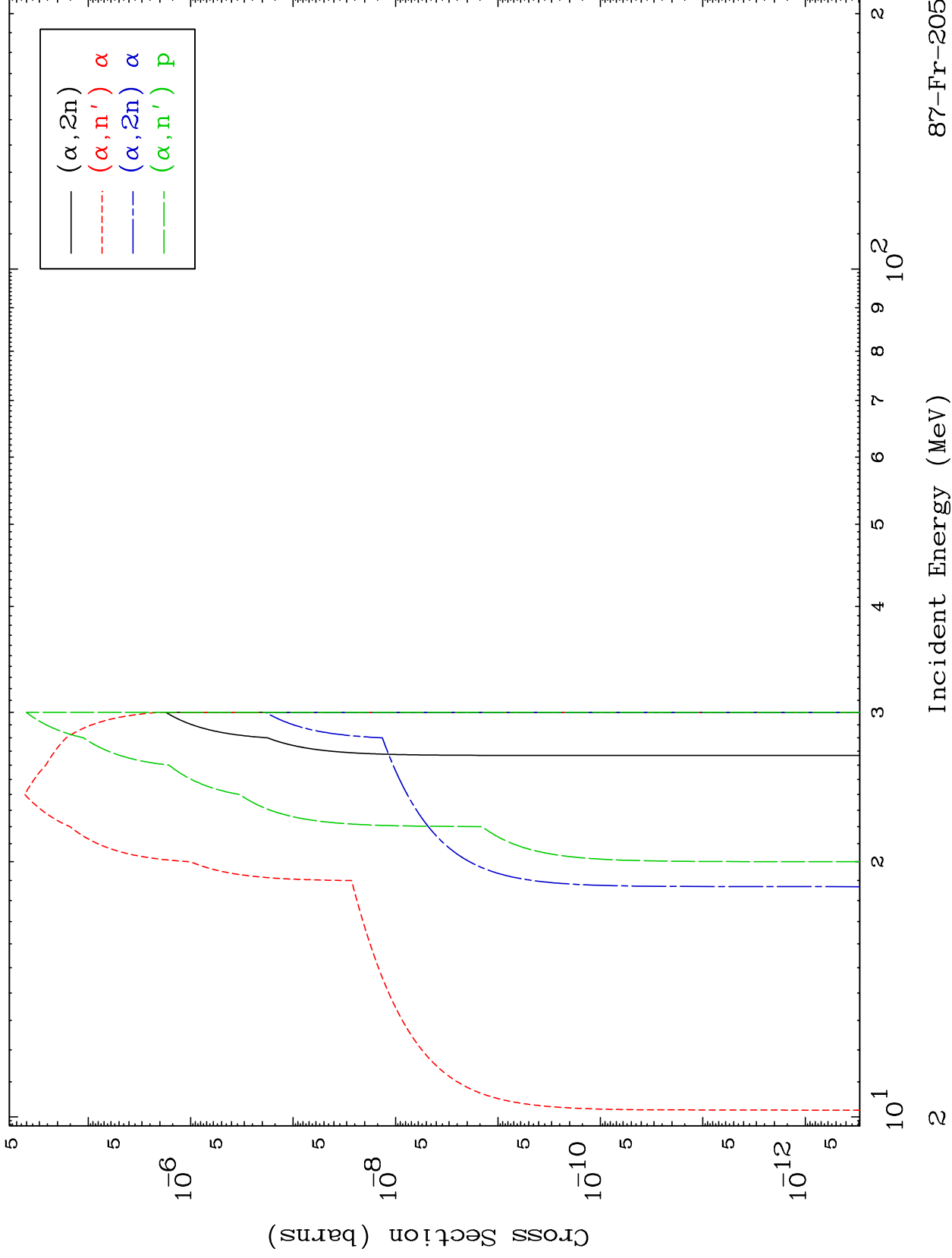
Incident Energy (MeV)

87-Fr-205

MAT 8704

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

87-Fr-205



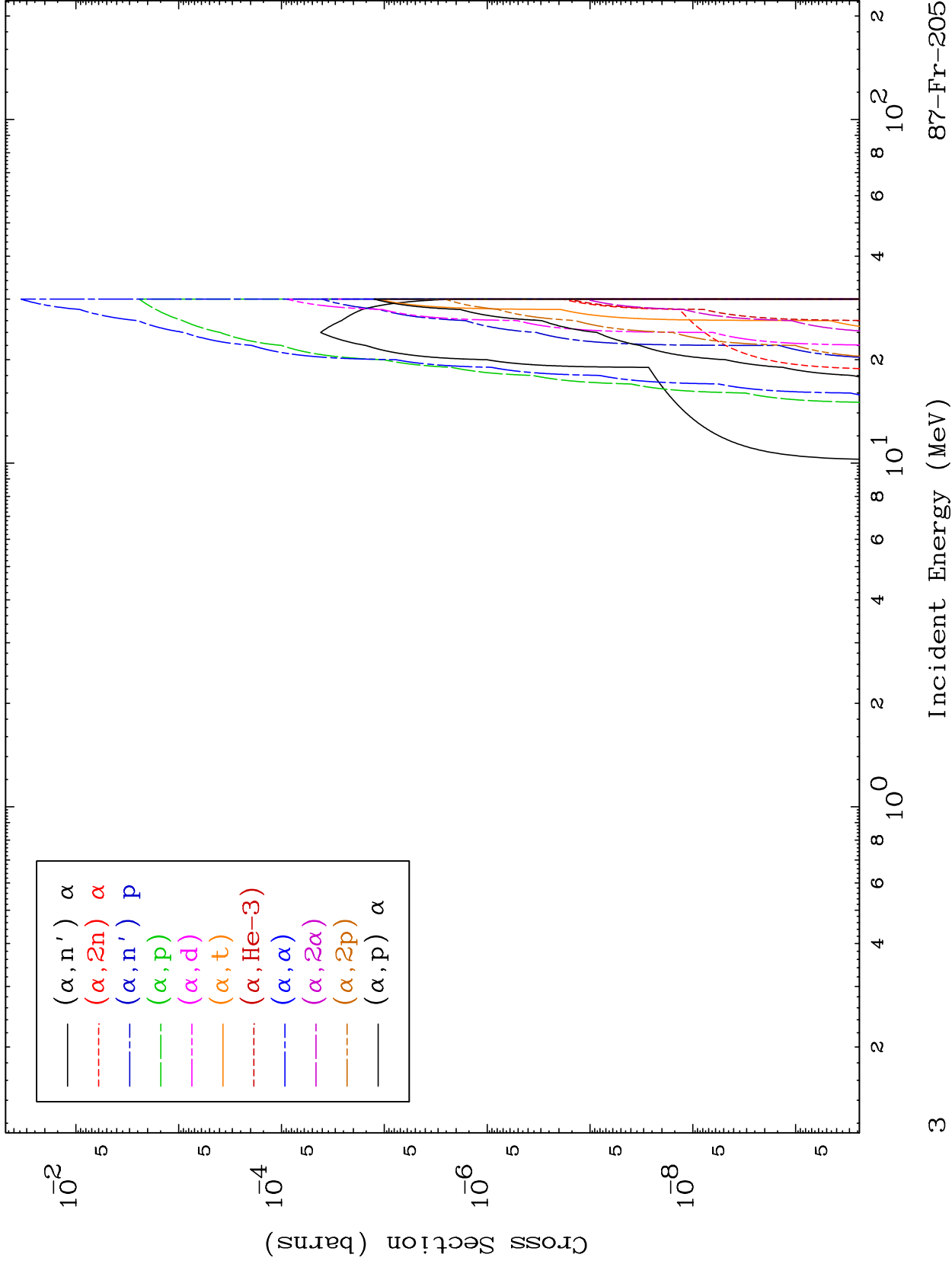
87-Fr-205

Incident Energy (MeV)

MAT 8704

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

87-Fr-205

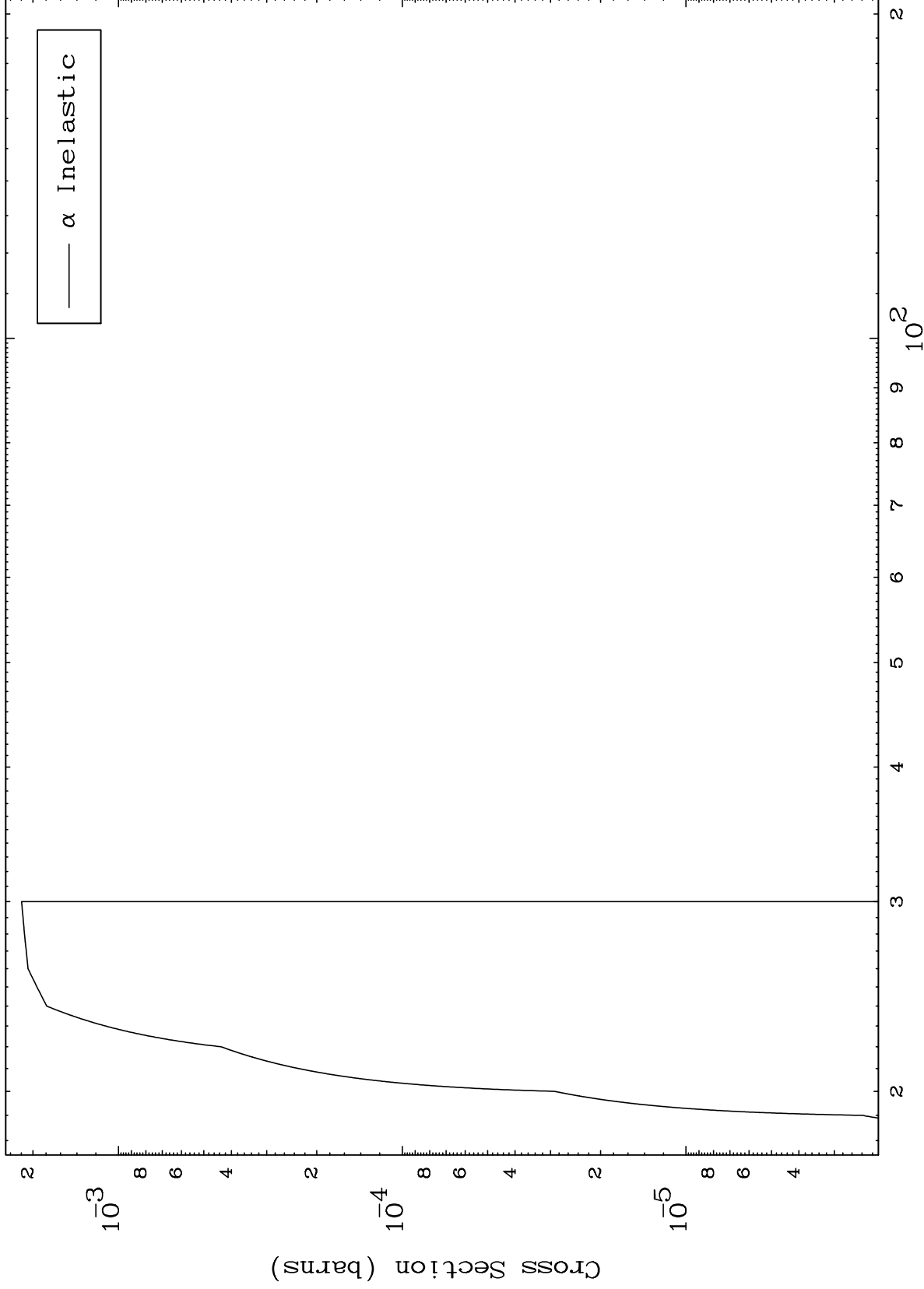


MAT 8704

( $\alpha, n'$ ) Level

87-Fr-205

0 Kelvin Cross Sections



4

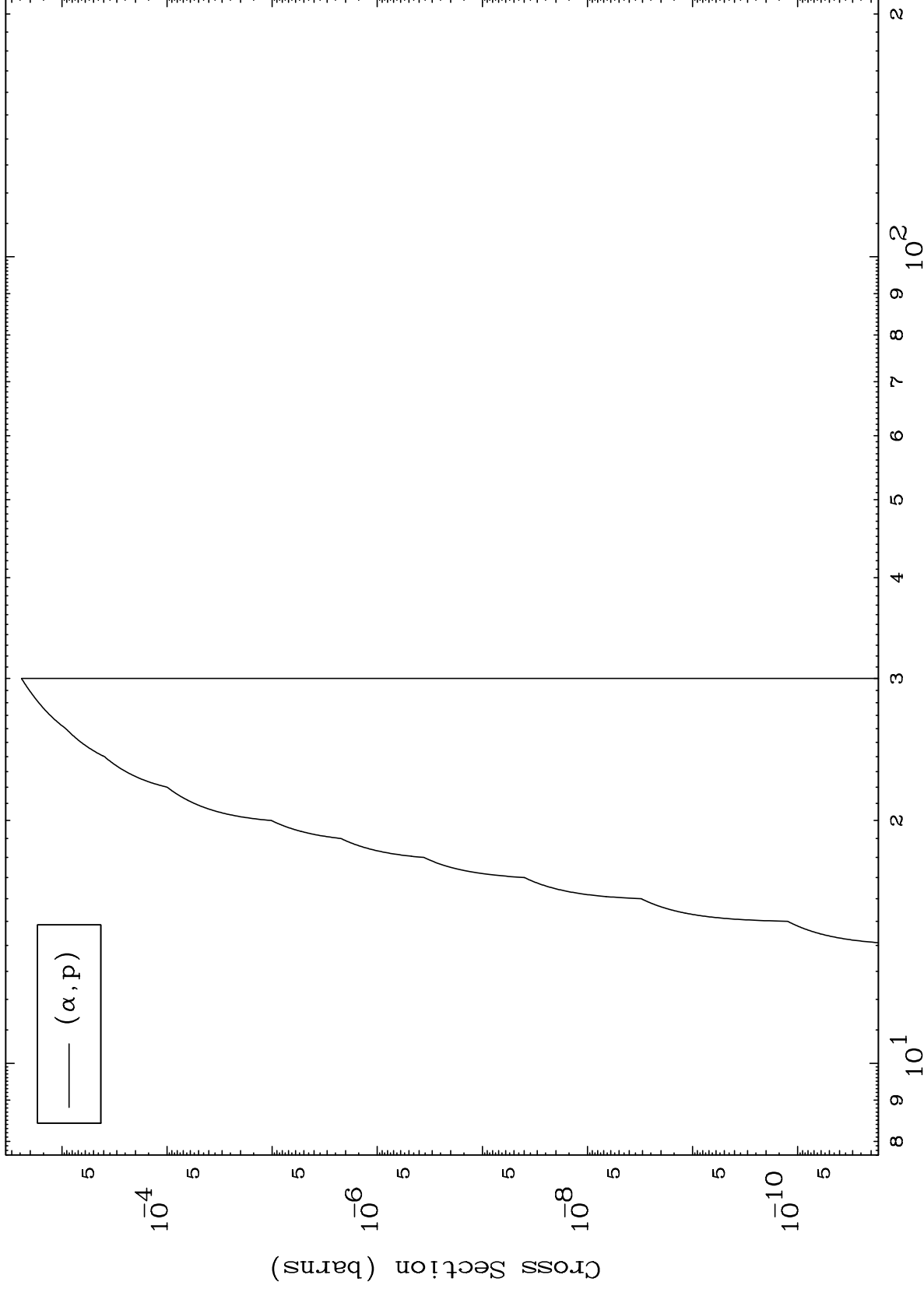
Incident Energy (MeV)

87-Fr-205

MAT 8704

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

87-Fr-205



5

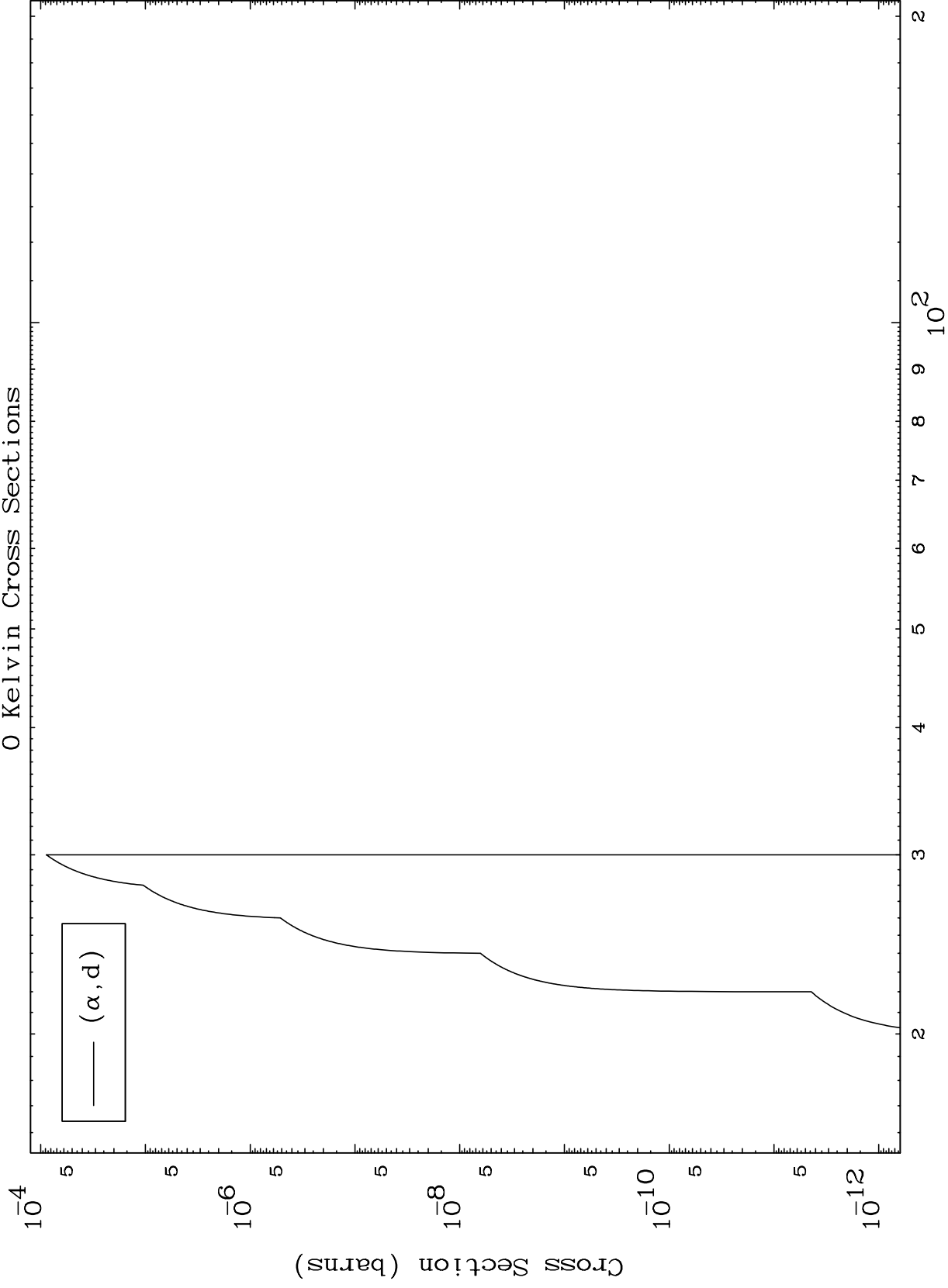
Incident Energy (MeV)

87-Fr-205

MAT 8704

87-Fr-205

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



87-Fr-205

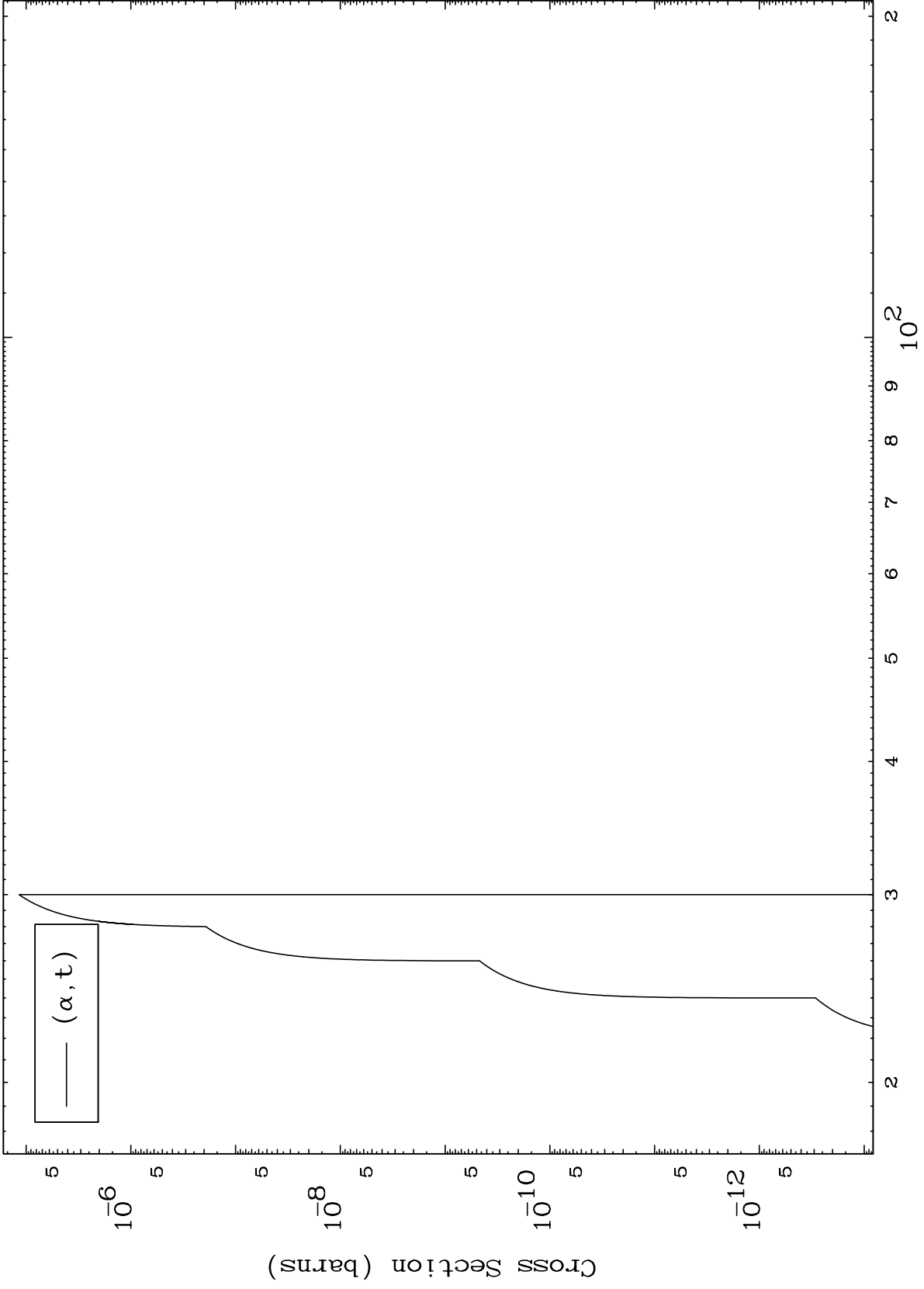
Incident Energy (MeV)

6

MAT 8704

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

87-Fr-205



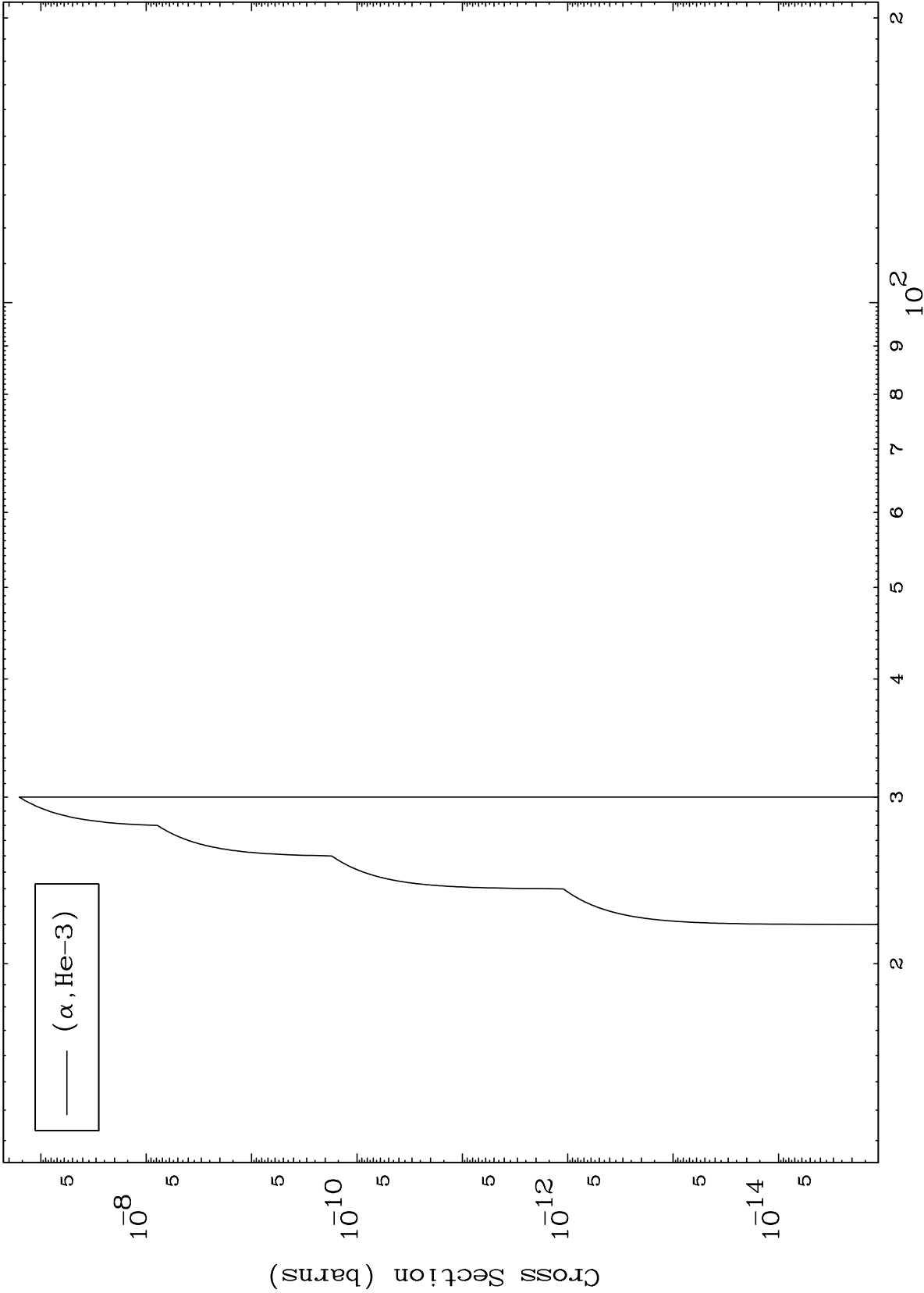
7

Incident Energy (MeV)

87-Fr-205



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

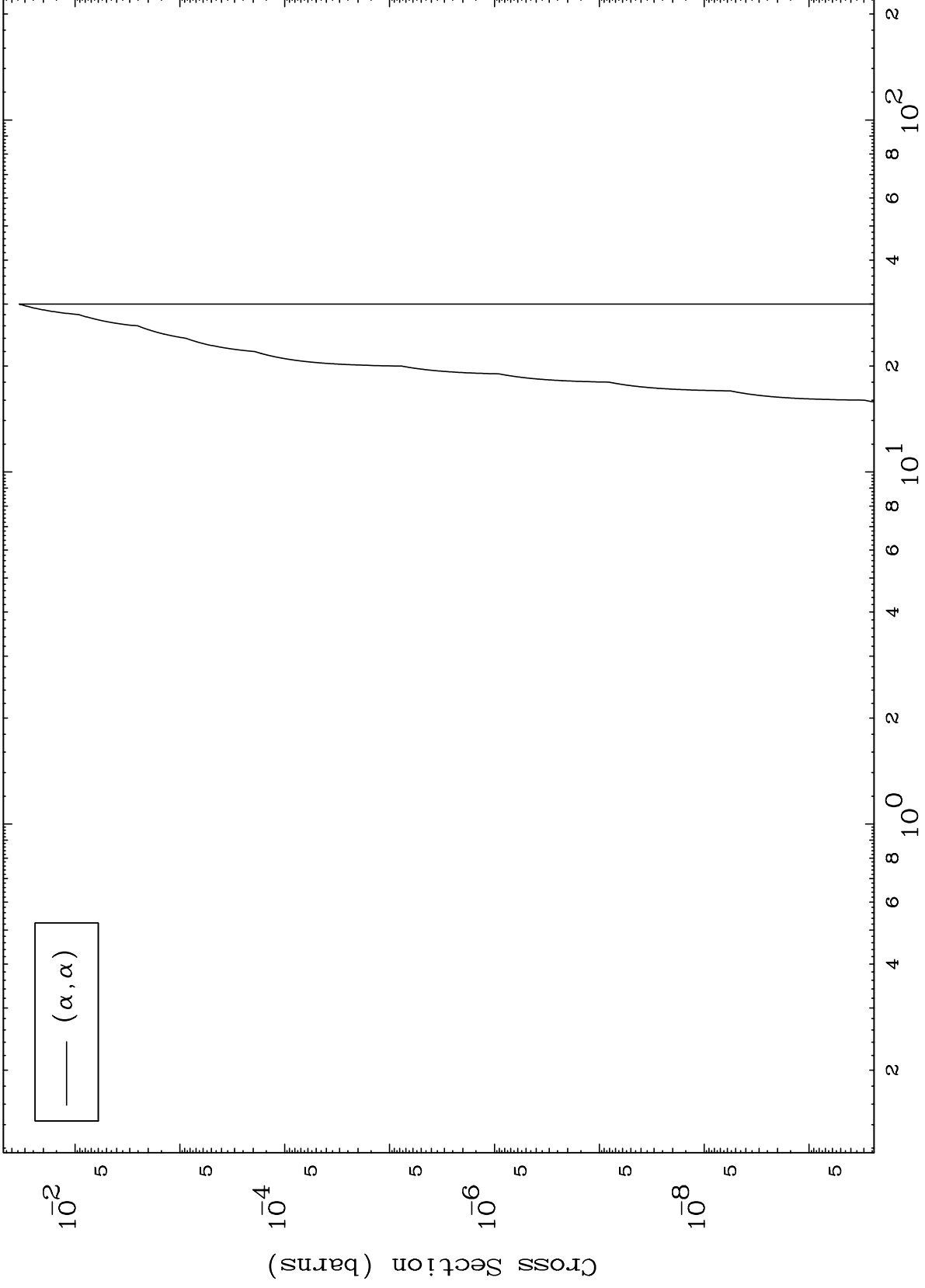


MAT 8704

( $\alpha, \alpha$ ) Levels

87-Fr-205

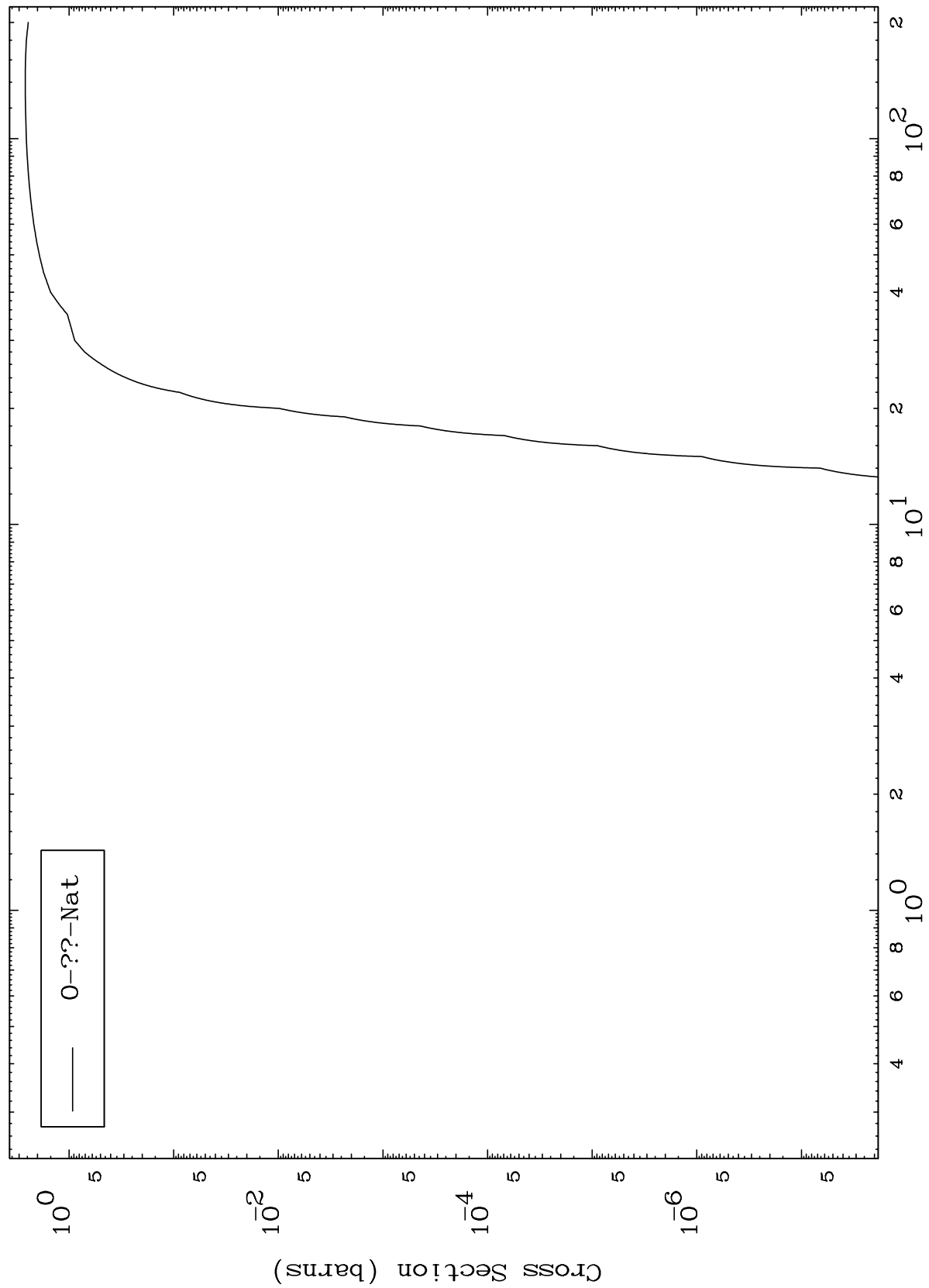
0 Kelvin Cross Sections



MAT 8704

87-Fr-205

$\alpha$  Fission  
Radionuclide Production Cross Section



10

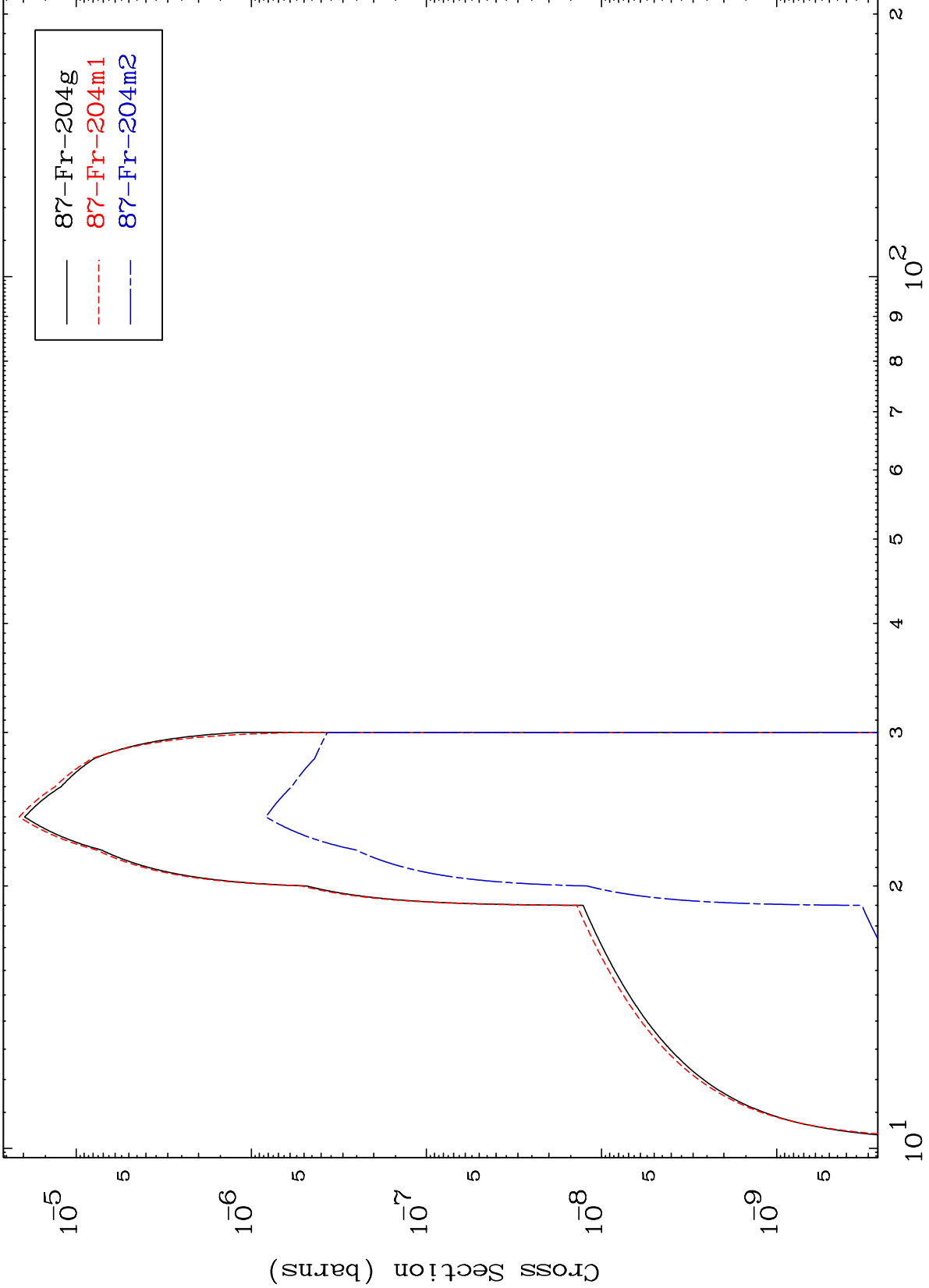
87-Fr-205

MAT 8704

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

87-Fr-205

Radionuclide Production Cross Section



11

Incident Energy (MeV)

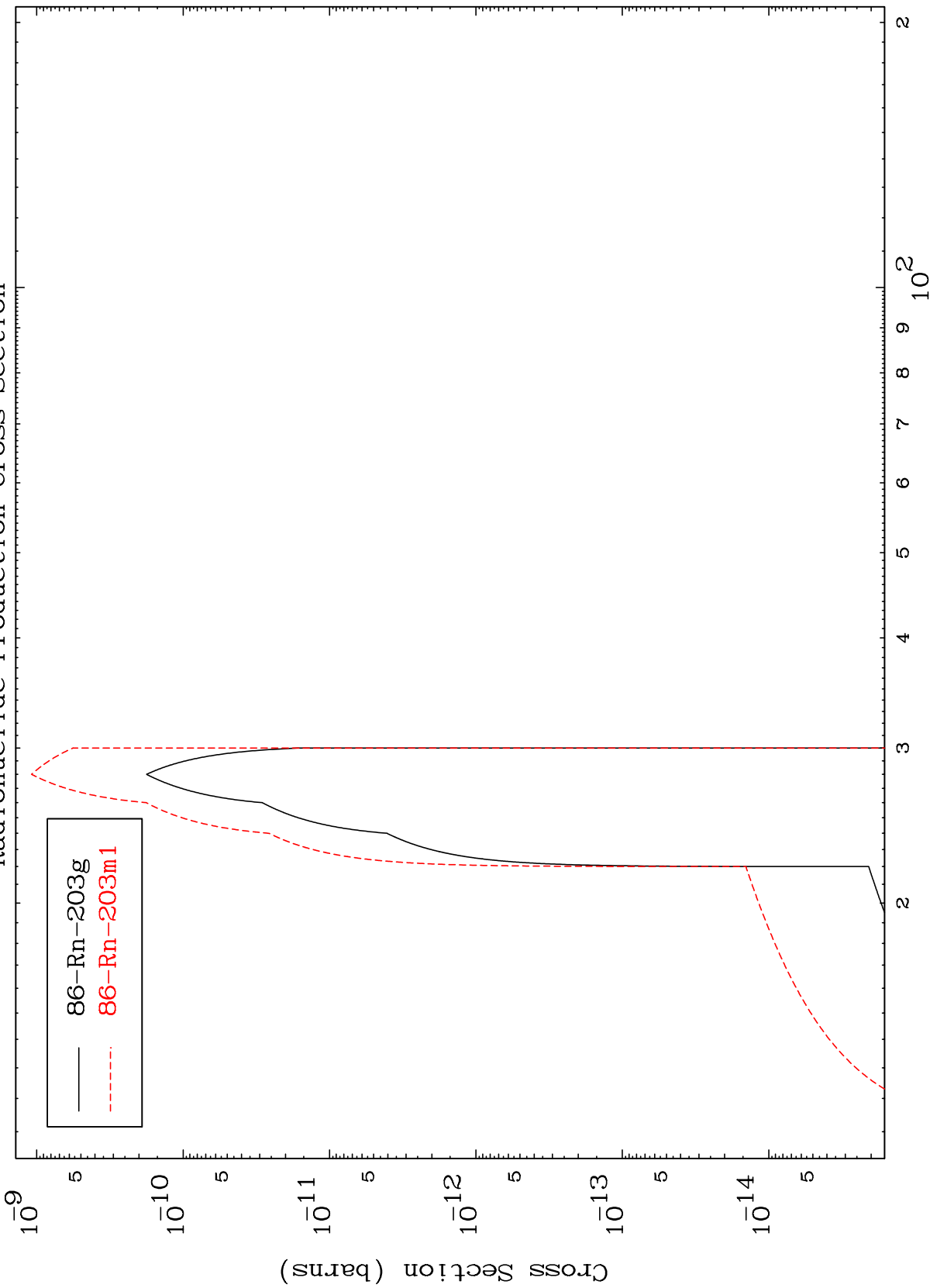
87-Fr-205

MAT 8704

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

87-Fr-205

Radionuclide Production Cross Section



12

Incident Energy (MeV)

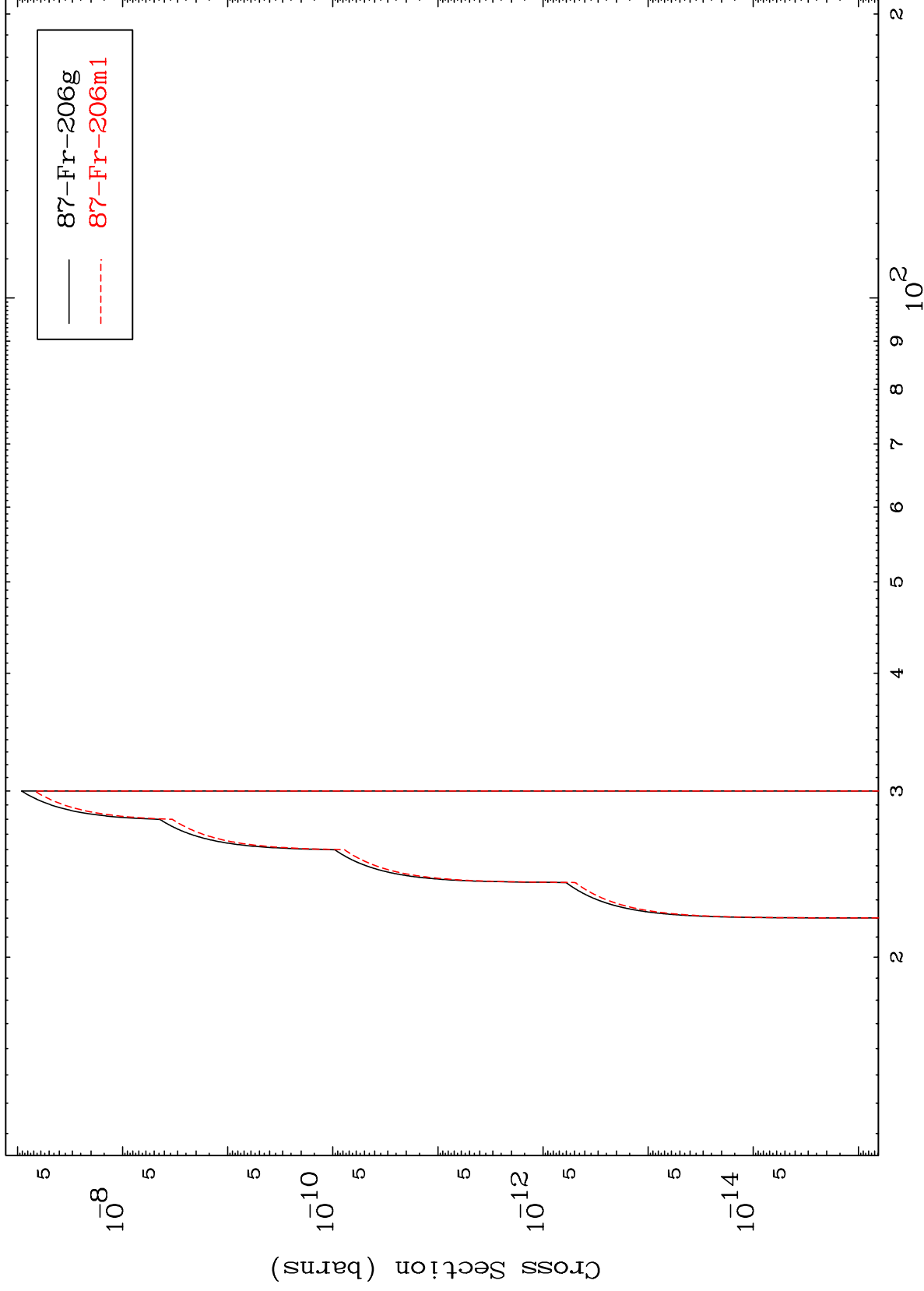
87-Fr-205

MAT 8704

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

87-Fr-205

Radionuclide Production Cross Section



13

Incident Energy (MeV)

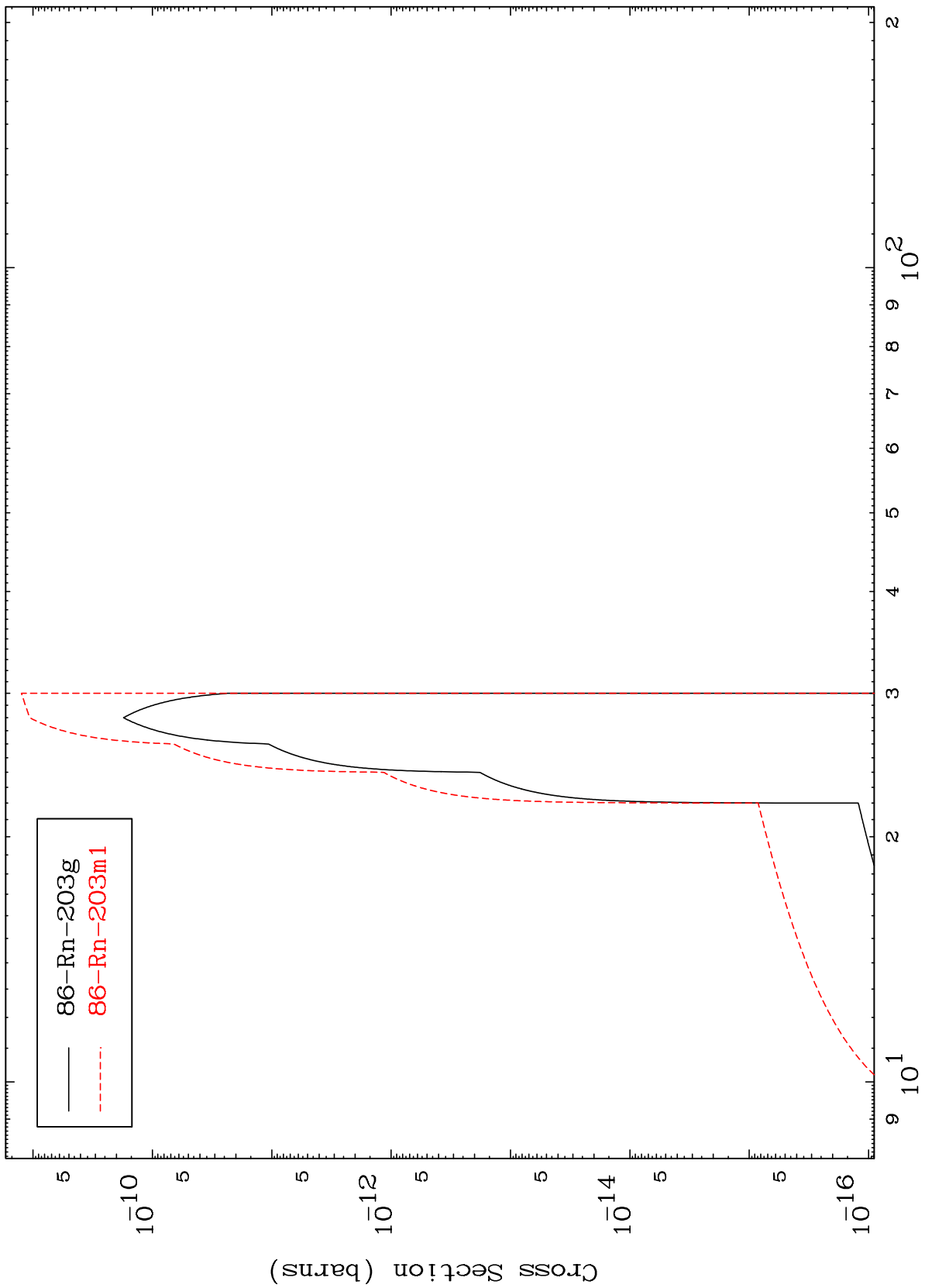
87-Fr-205

MAT 8704

( $\alpha, d$ )  $\alpha$

87-Fr-205

Radionuclide Production Cross Section



14

Incident Energy (MeV)

87-Fr-205