

Program EVALPLOT  
(Version 2018-1)

by

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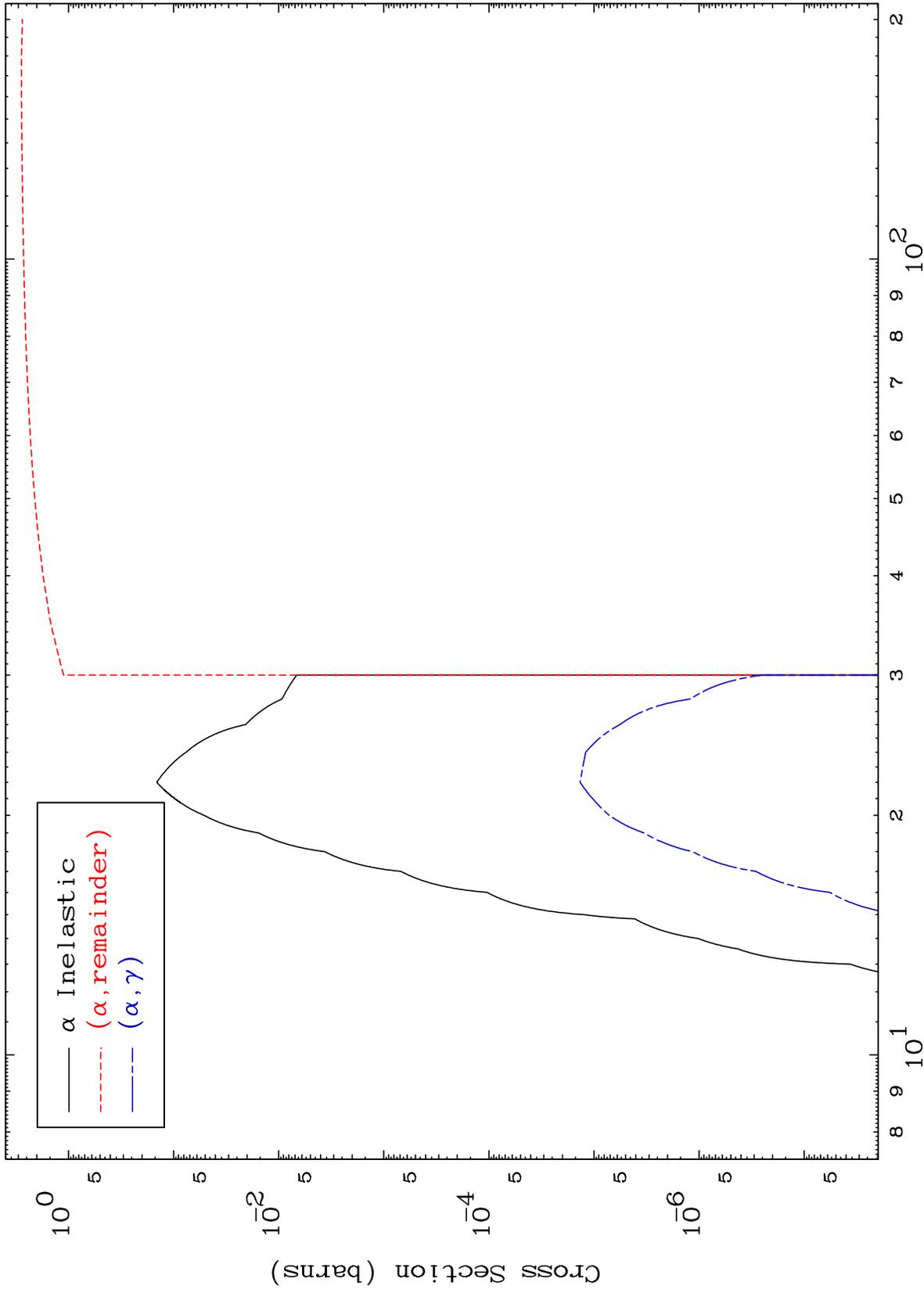
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8234

0 Kelvin  $\alpha$  Major  
Cross Sections

82-Pb-207



82-Pb-207

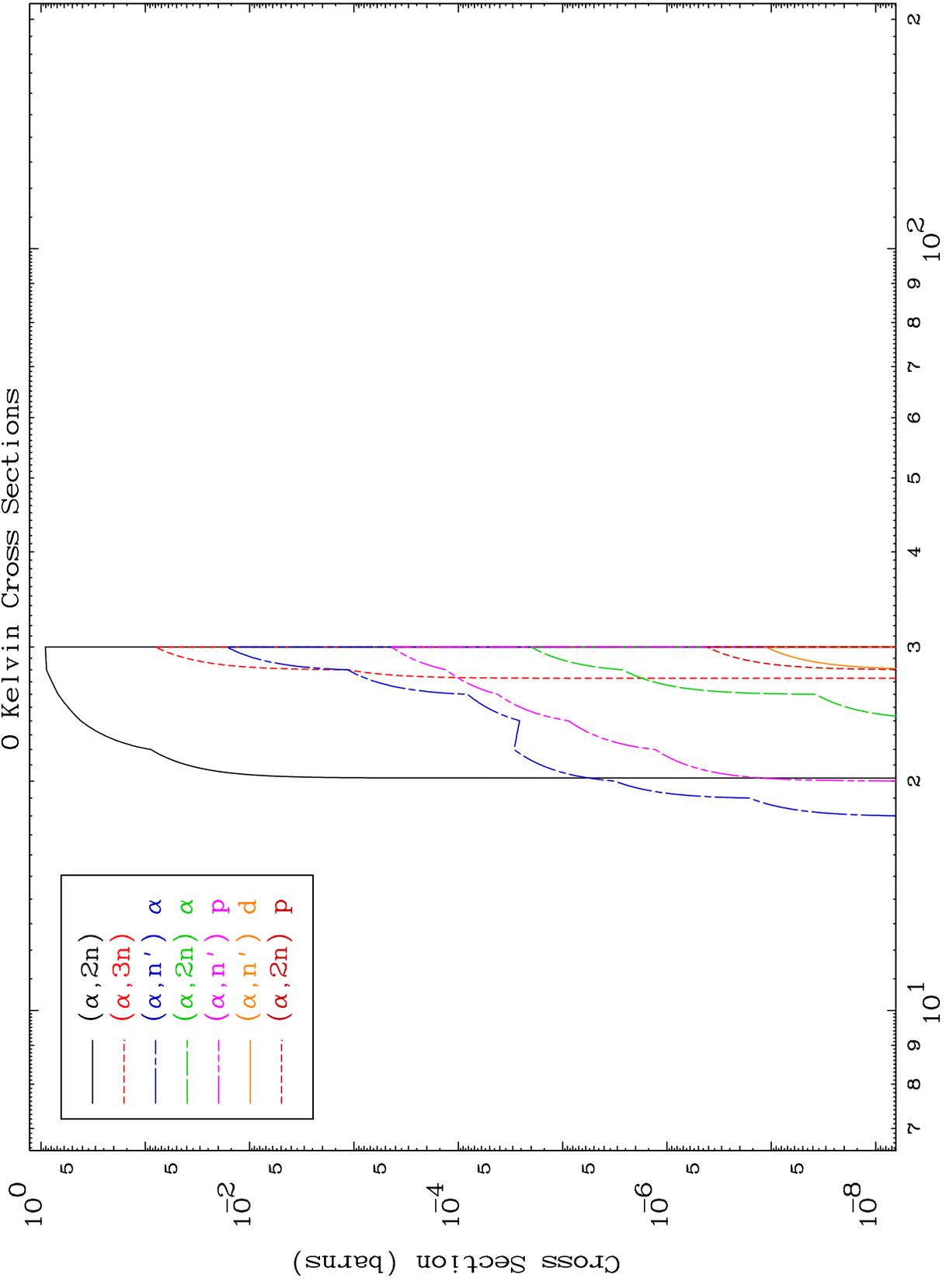
Incident Energy (MeV)

1

MAT 8234

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

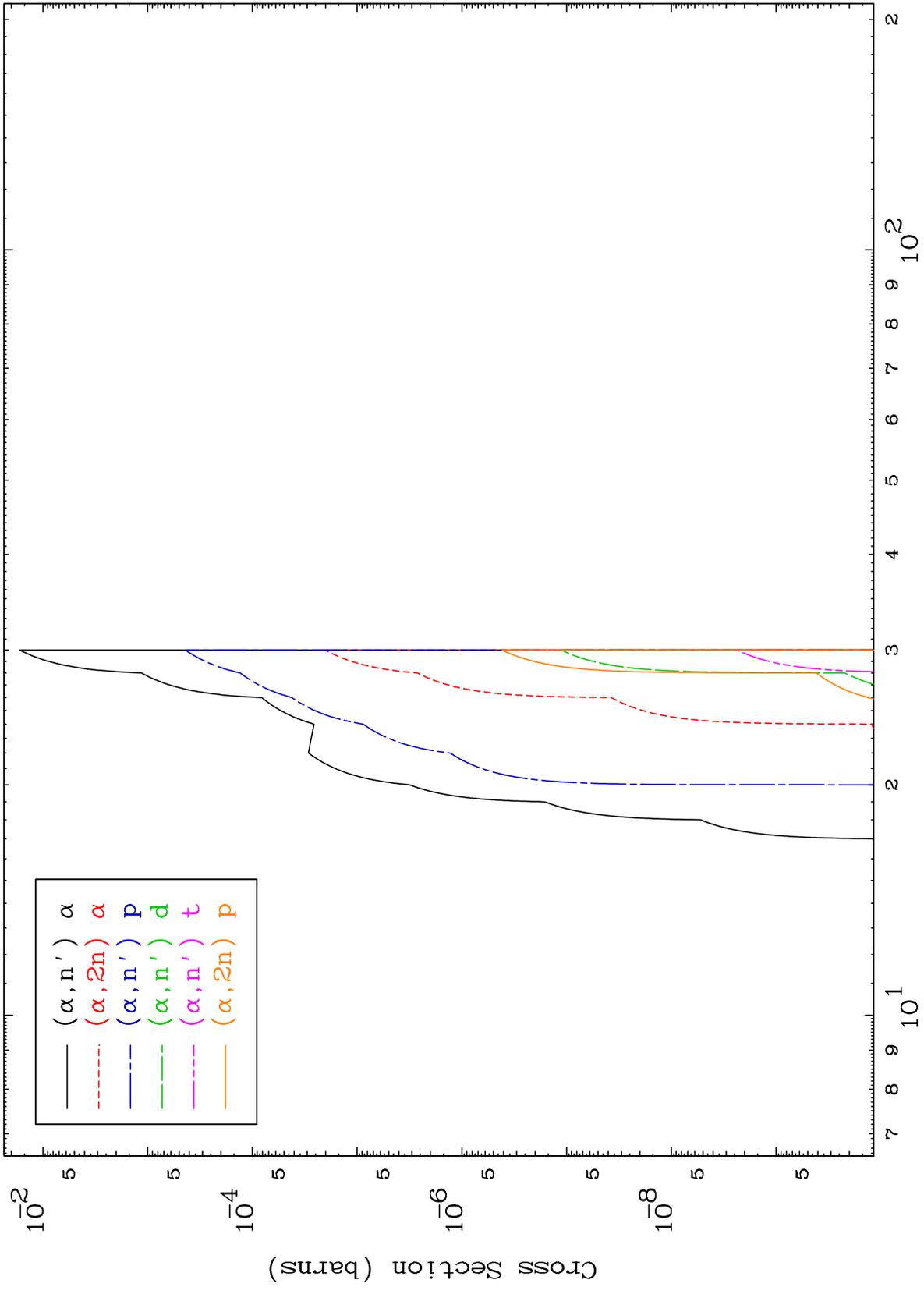
82-Pb-207



2

Incident Energy (MeV)

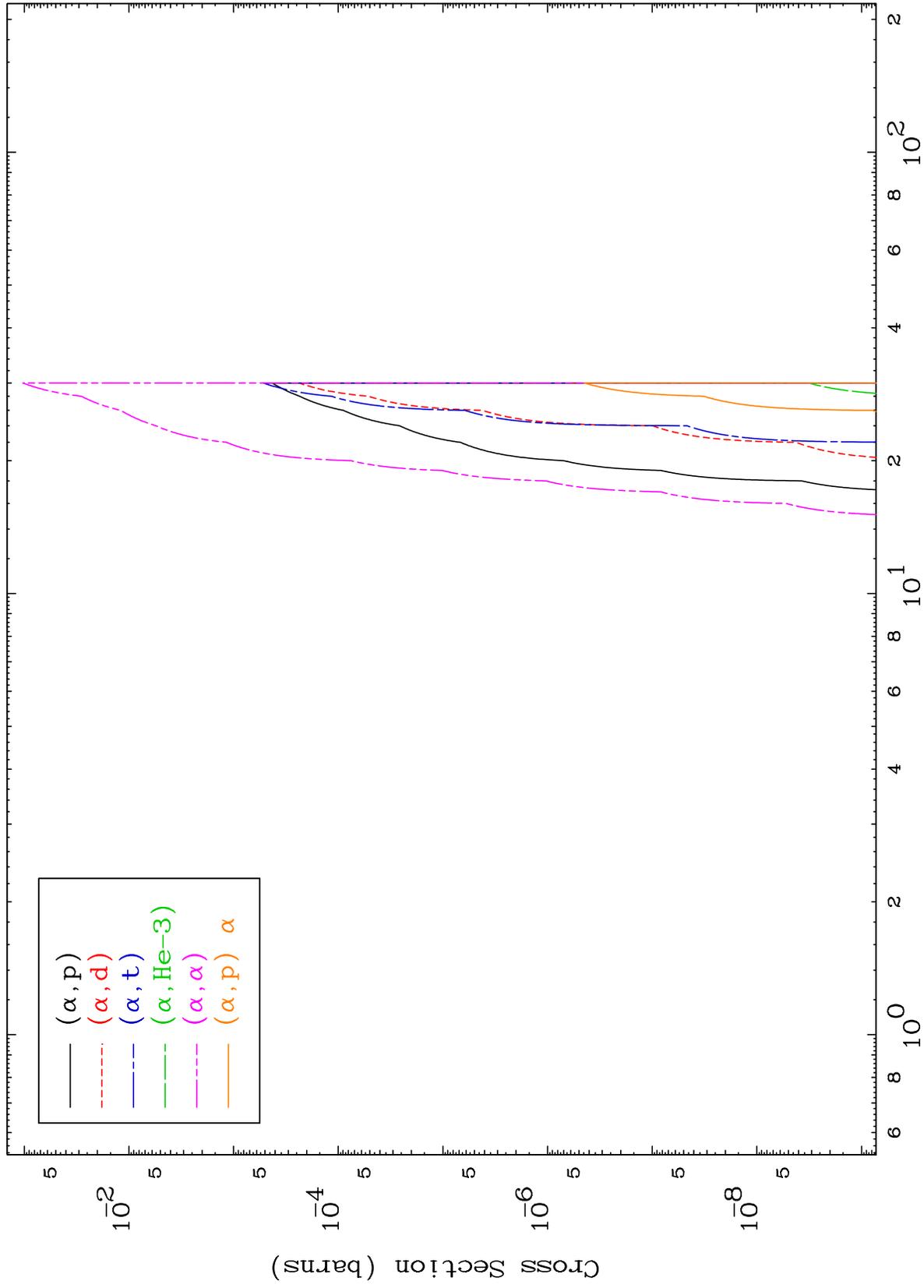
82-Pb-207



MAT 8234

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

82-Pb-207

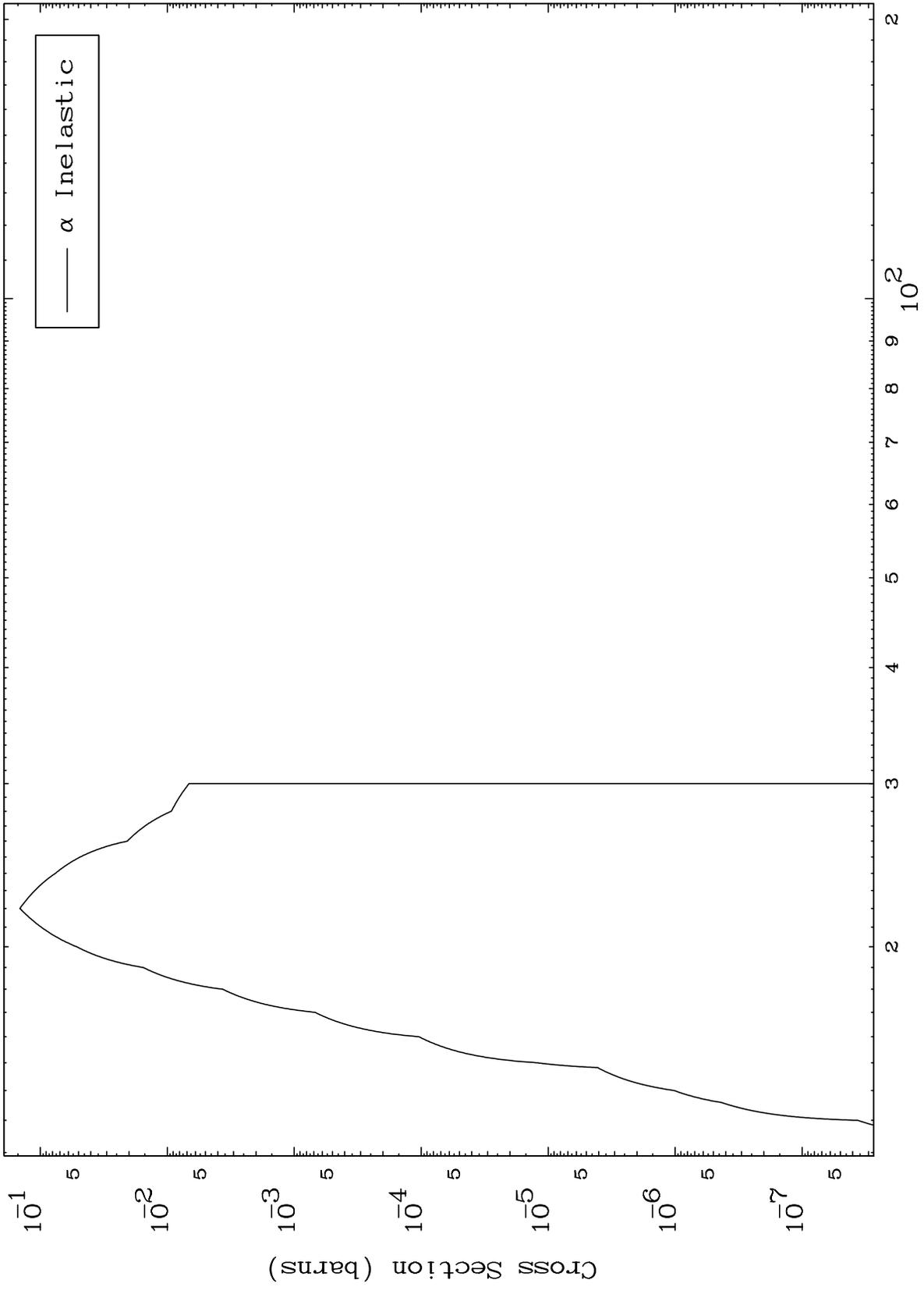


4

MAT 8234

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

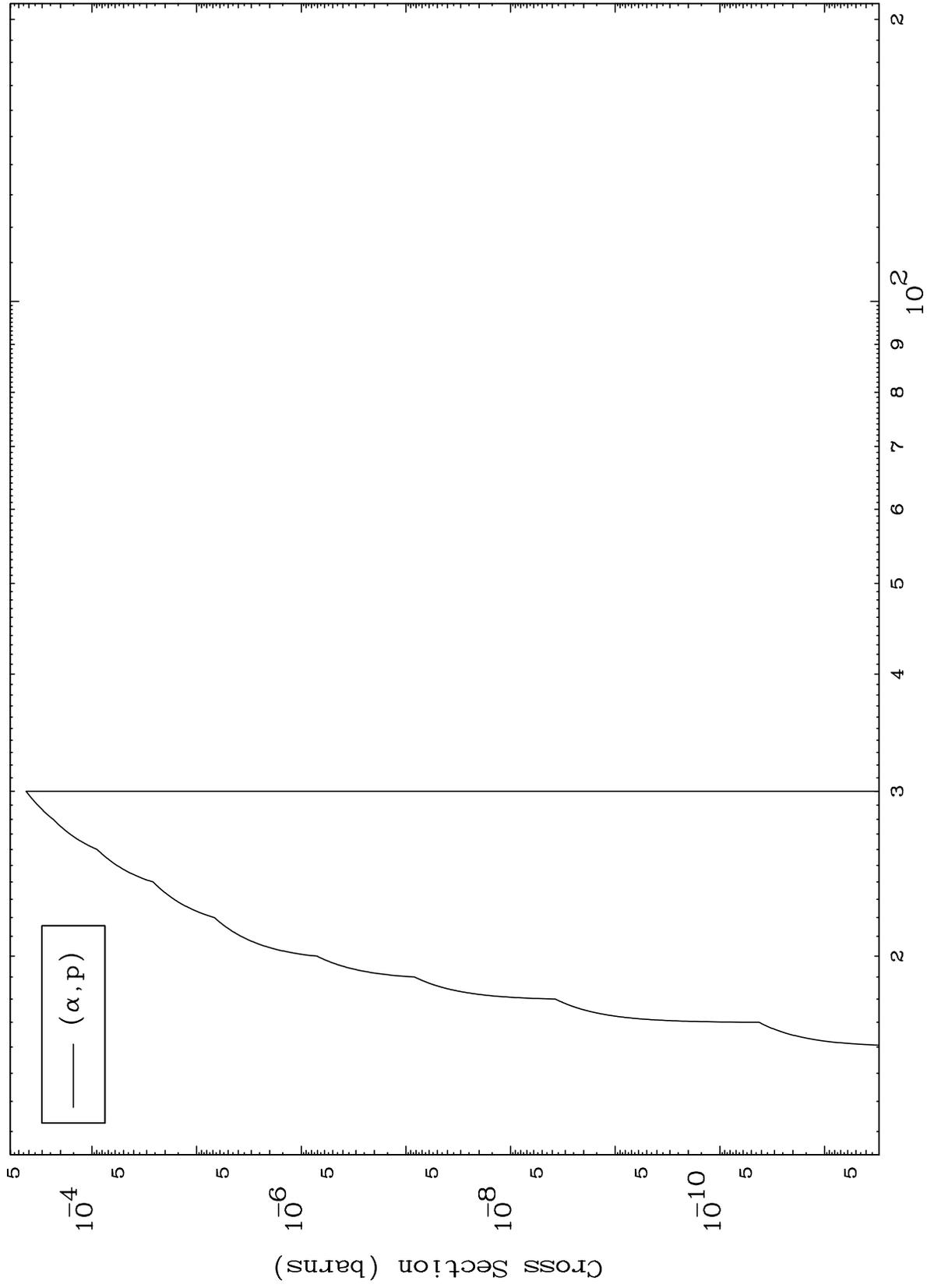
82-Pb-207



5

Incident Energy (MeV)

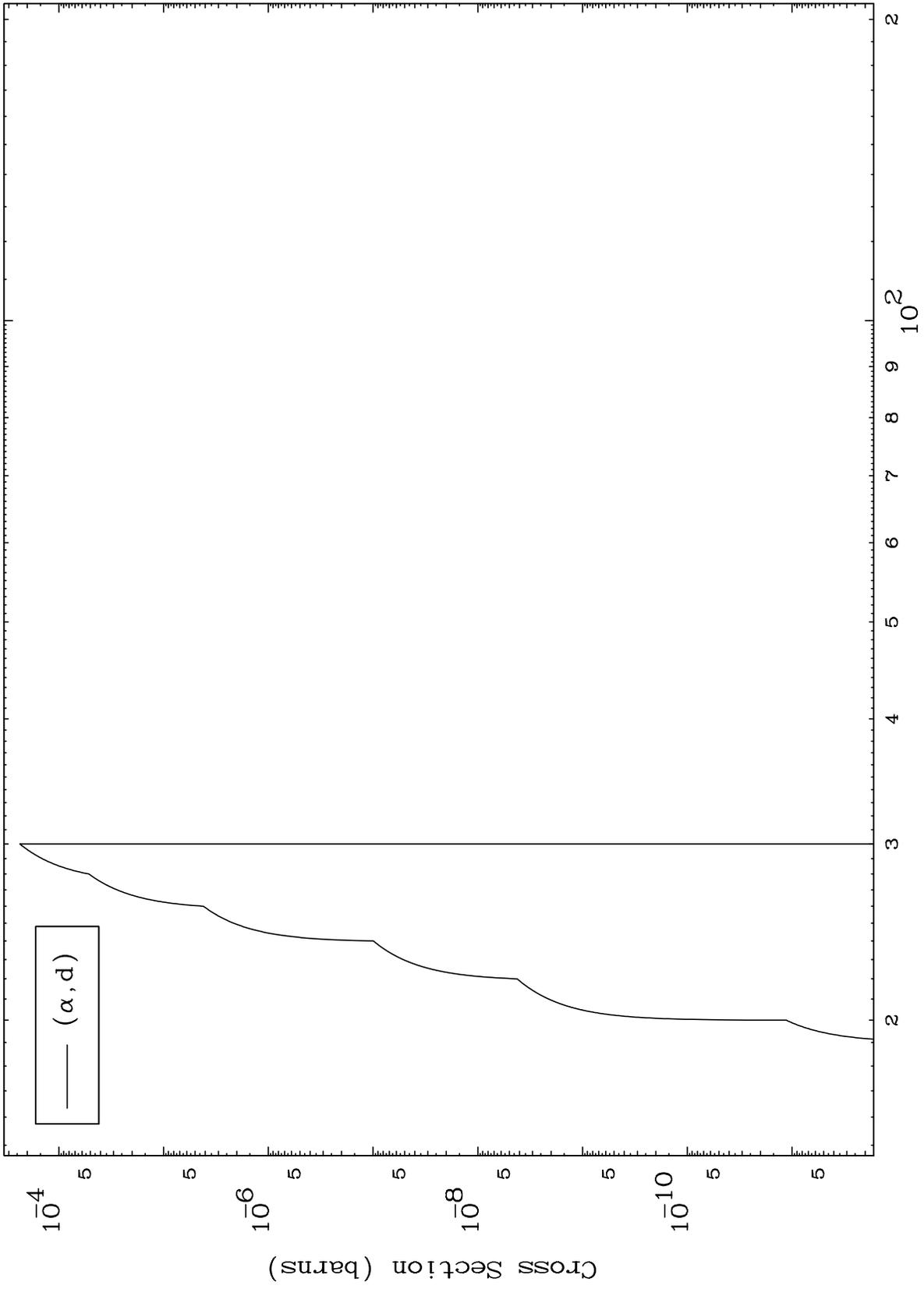
82-Pb-207



MAT 8234

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

82-Pb-207



7

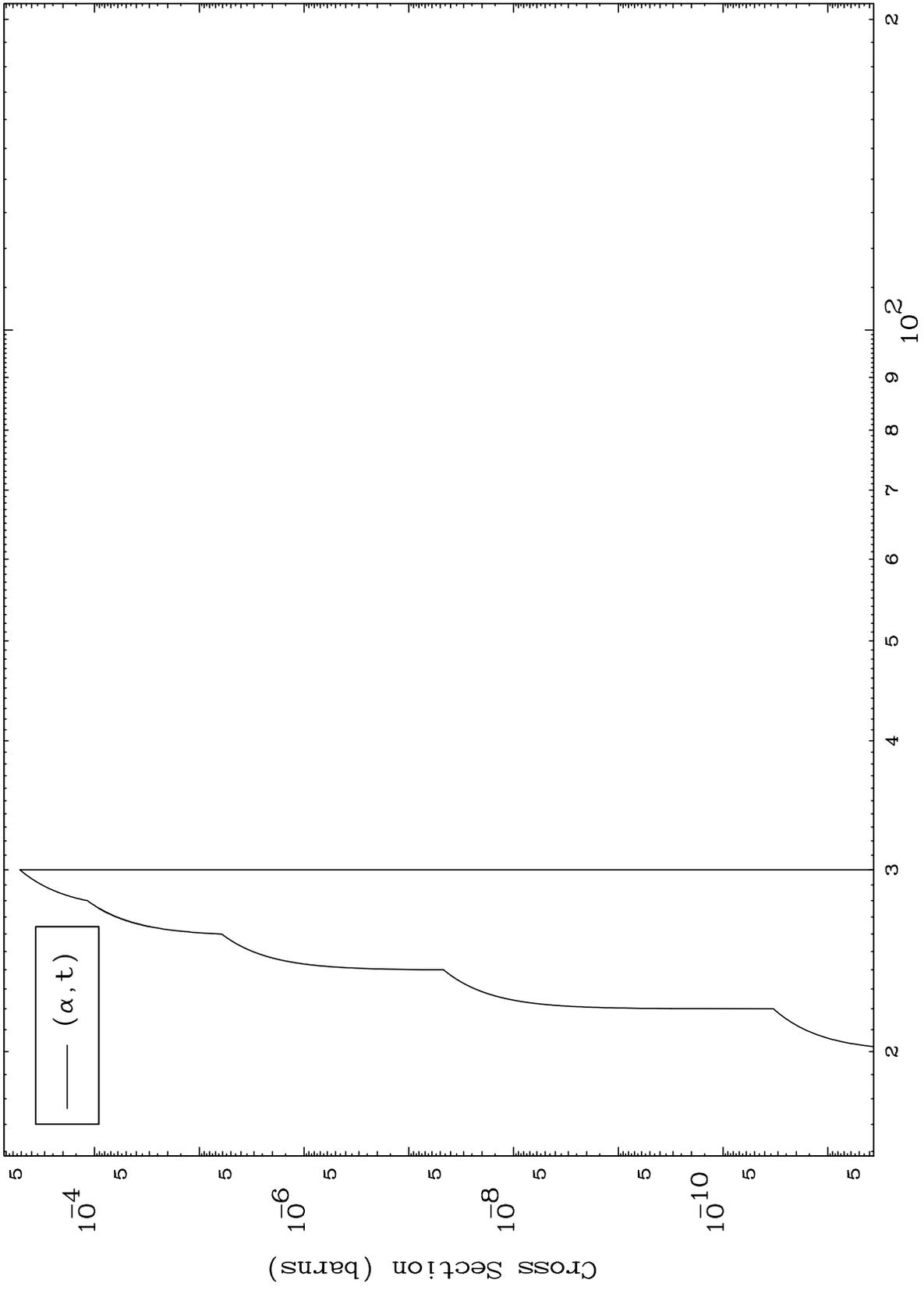
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

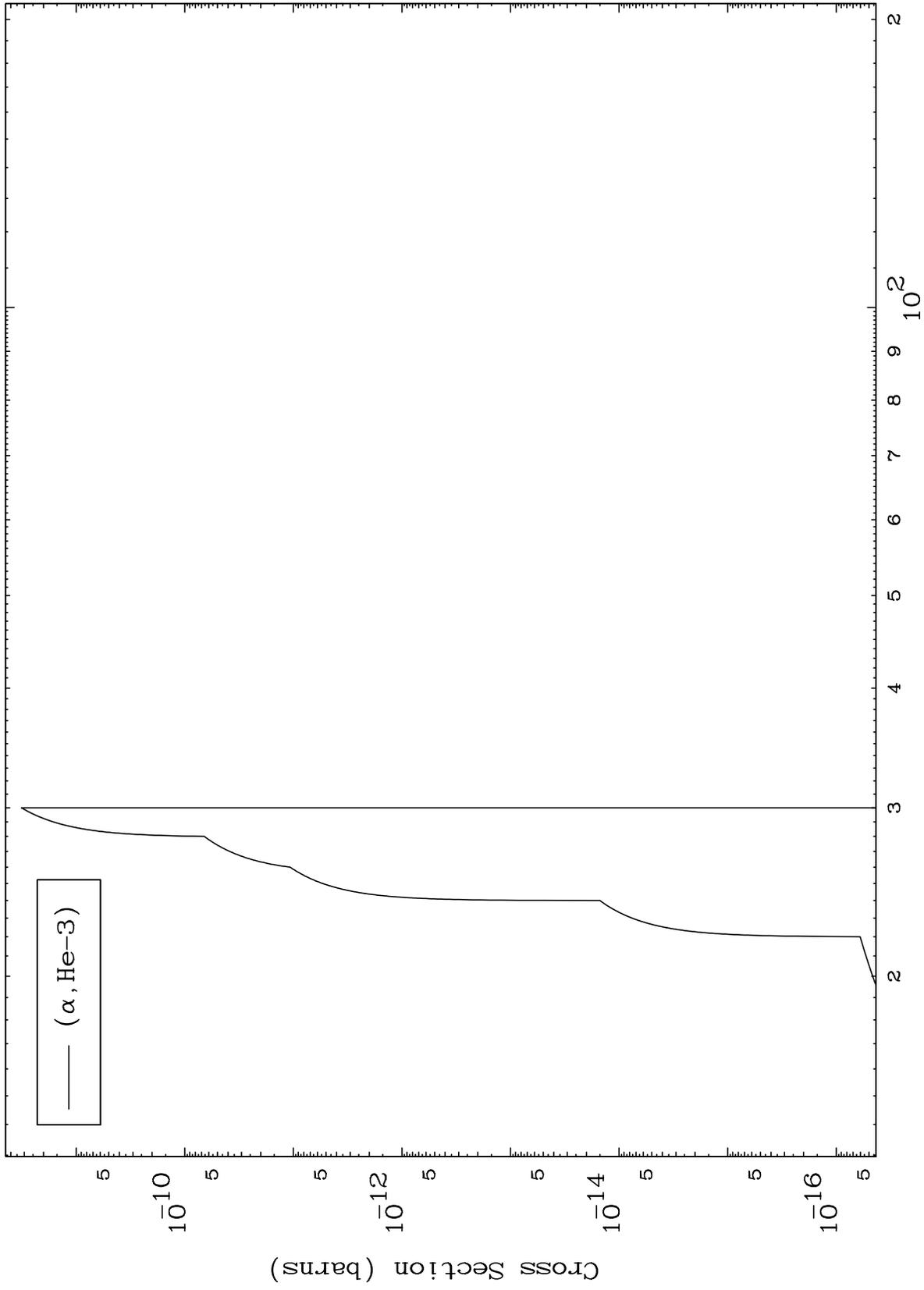
82-Pb-207



8

Incident Energy (MeV)

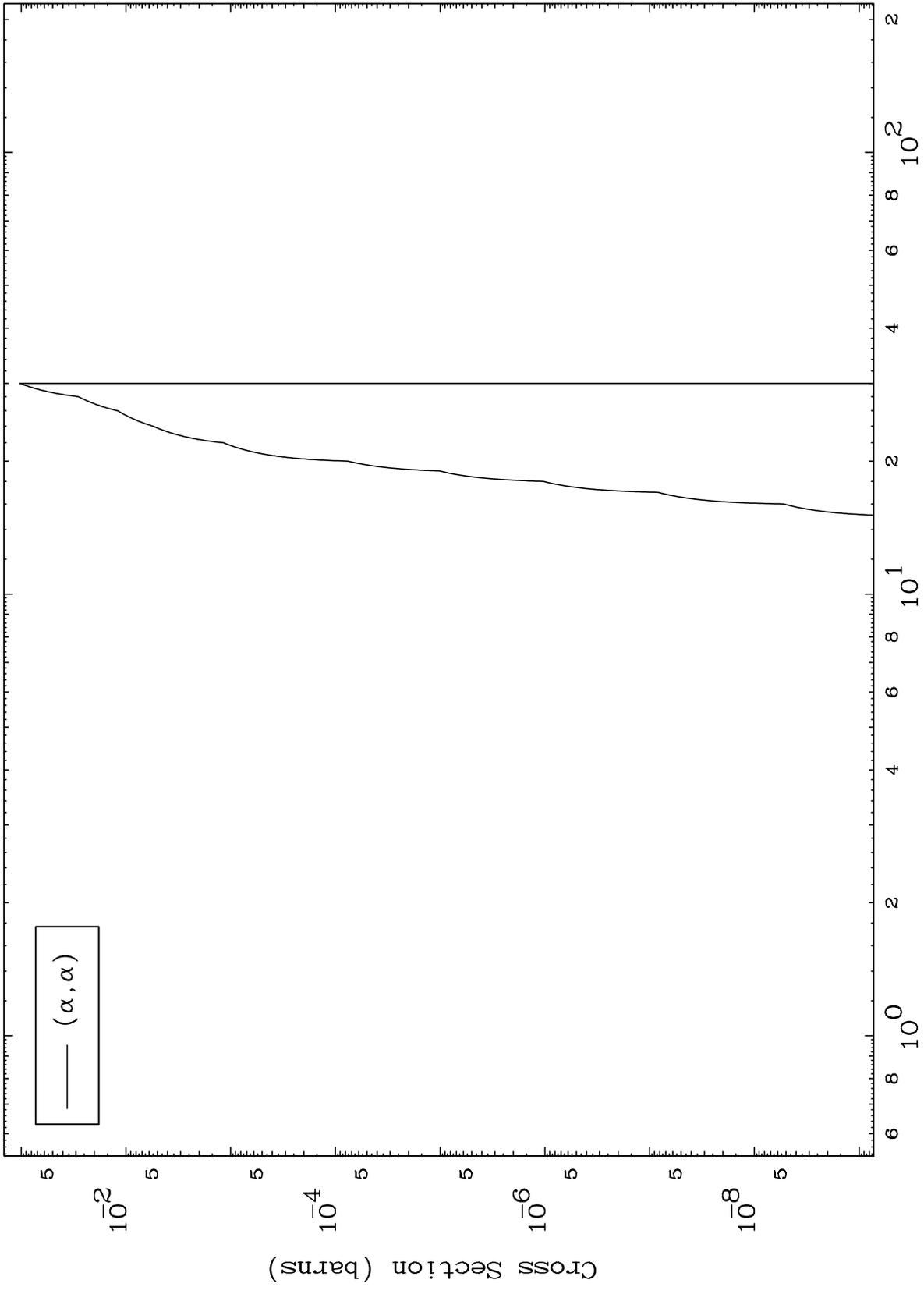
82-Pb-207



MAT 8234

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

82-Pb-207



10

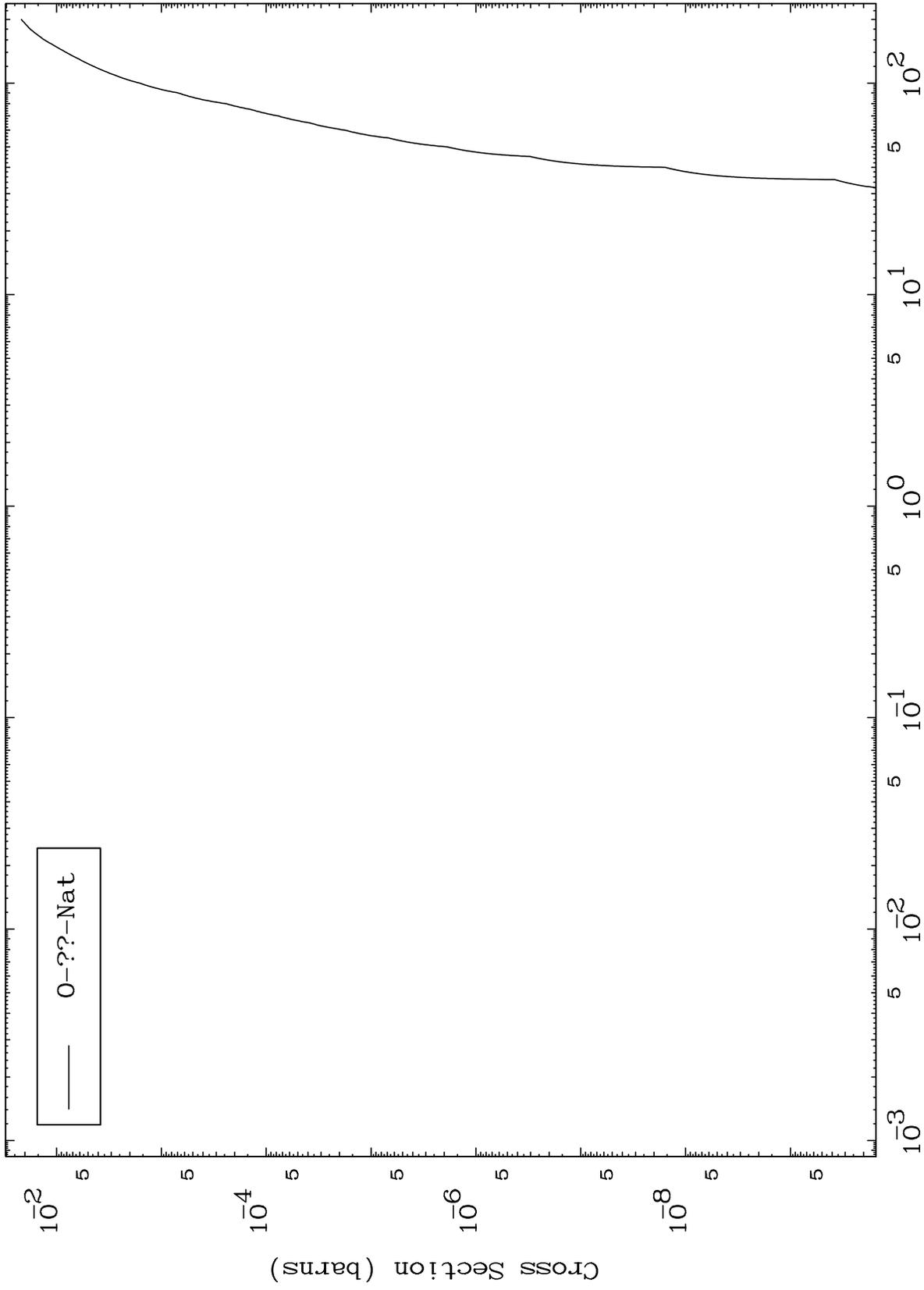
Incident Energy (MeV)

82-Pb-207

MAT 8234

$\alpha$  Fission  
Radionuclide Production Cross Section

82-Pb-207



11

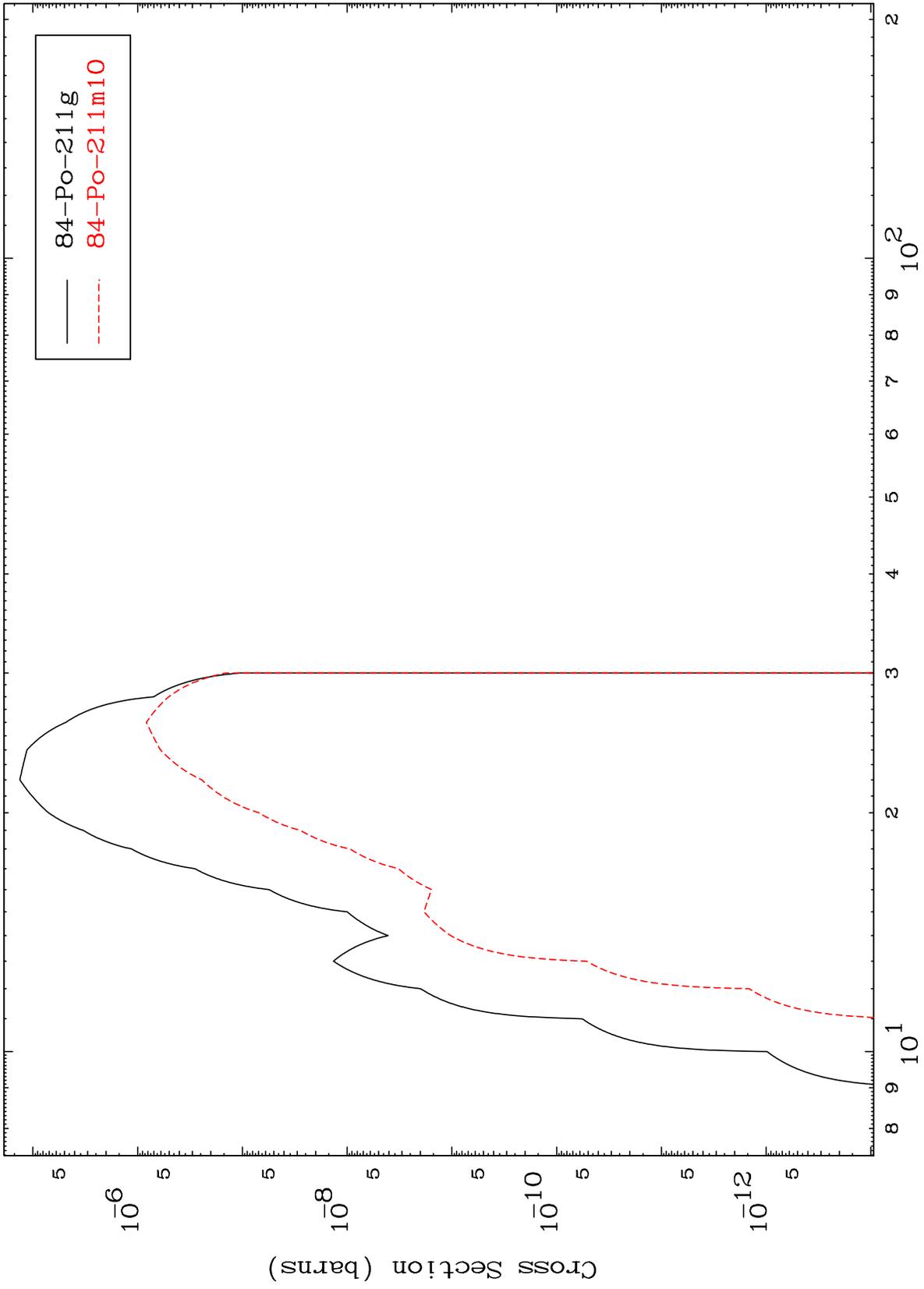
Incident Energy (MeV)

82-Pb-207

MAT 8234

82-Pb-207

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



12

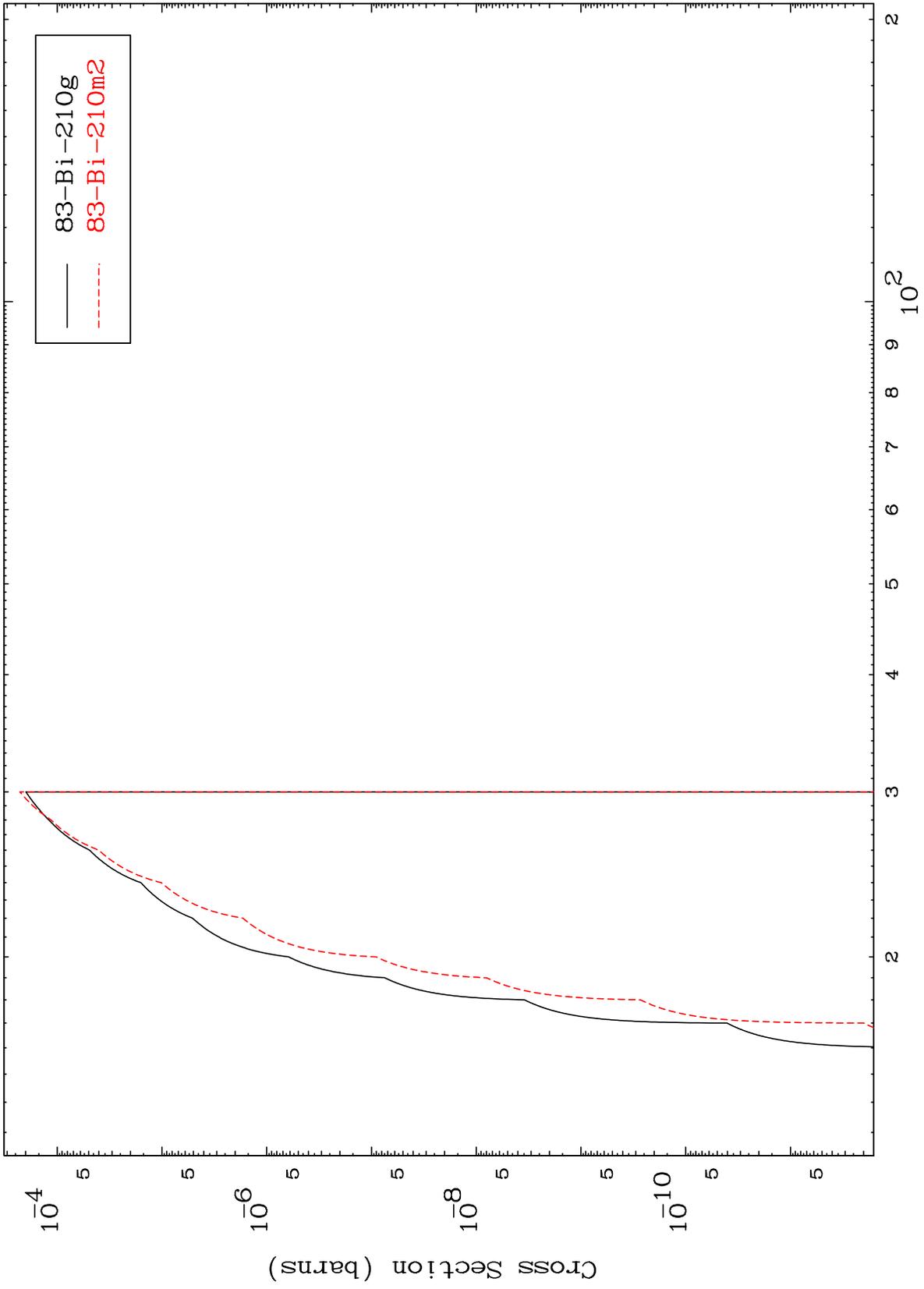
Incident Energy (MeV)

82-Pb-207

MAT 8234

82-Pb-207

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



13

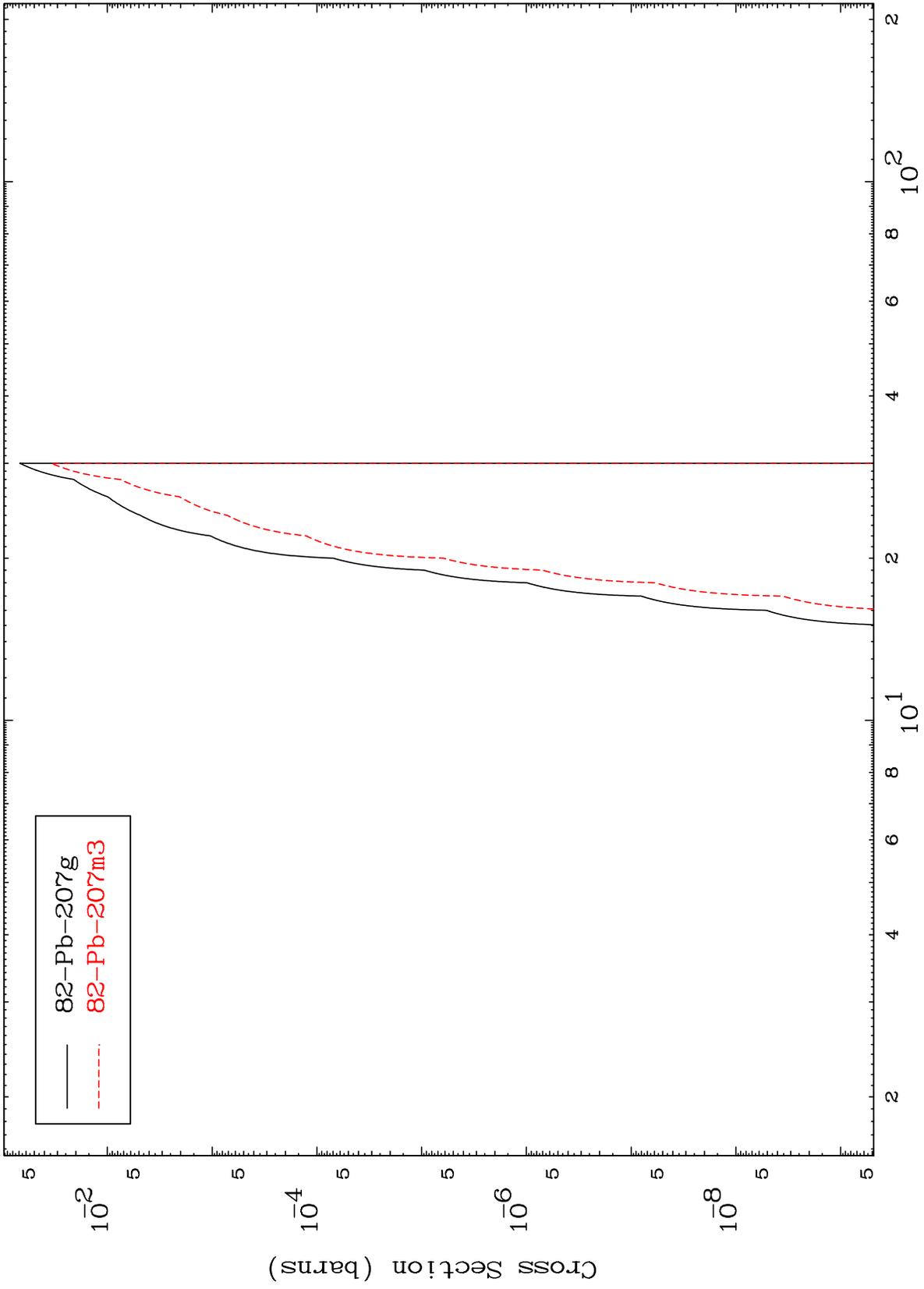
82-Pb-207

MAT 8234

( $\alpha, \alpha$ )

82-Pb-207

Radionuclide Production Cross Section



14

Incident Energy (MeV)

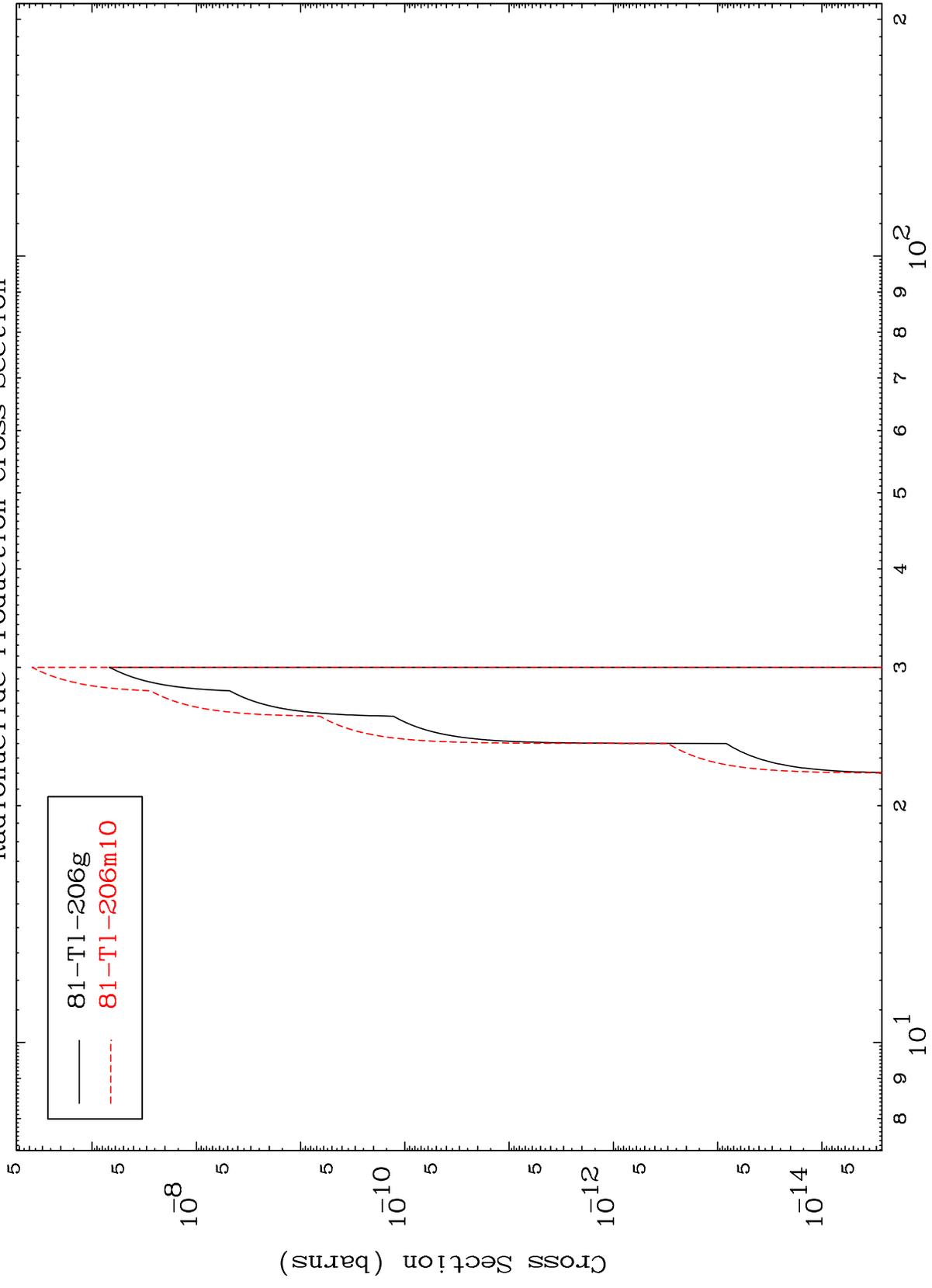
82-Pb-207

MAT 8234

( $\alpha, p$ )  $\alpha$

82-Pb-207

Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-207