

Program EVALPLOT  
(Version 2018-1)

by

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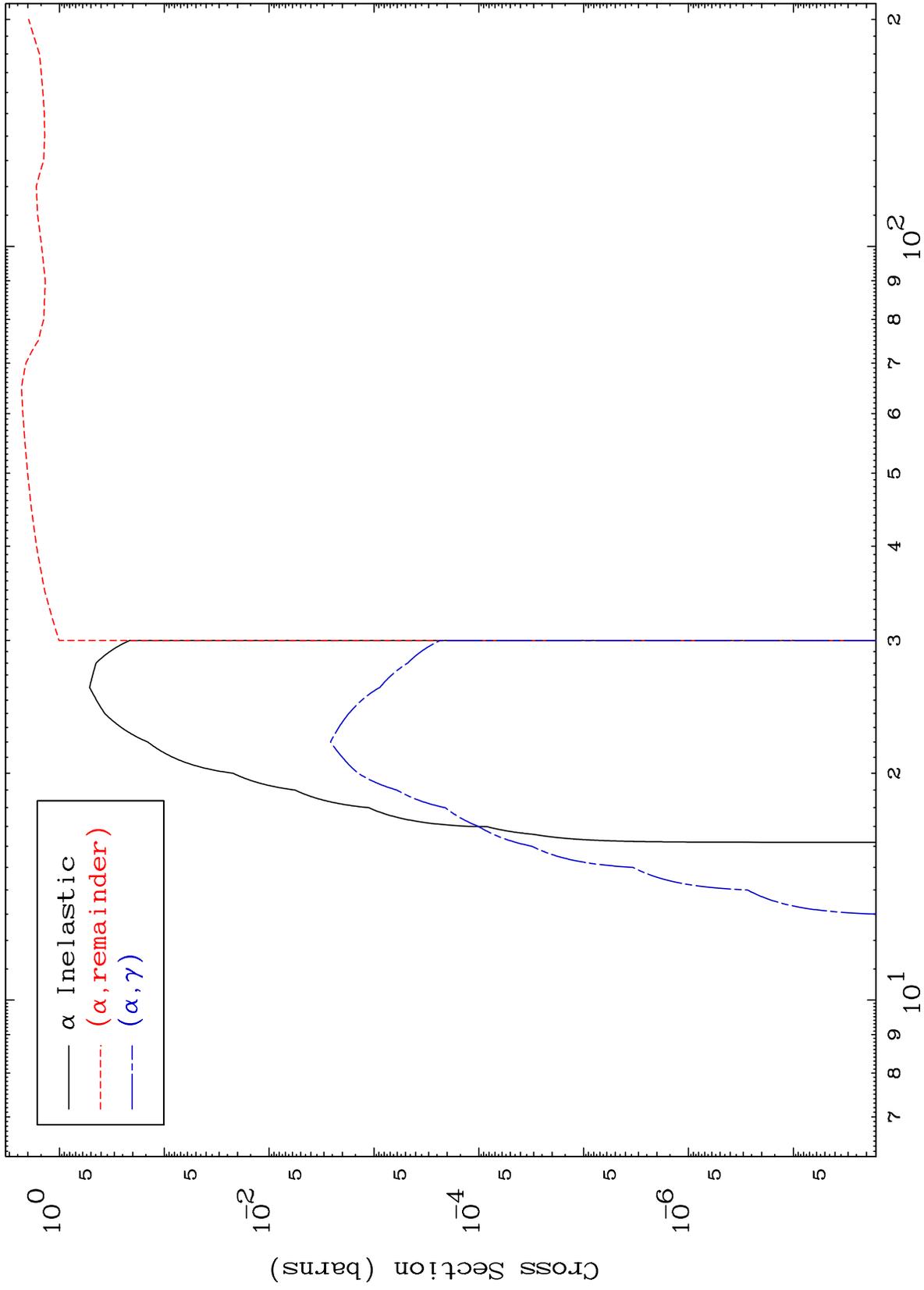
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8413

0 Kelvin  $\alpha$  Major  
Cross Sections

84-Po-202



1

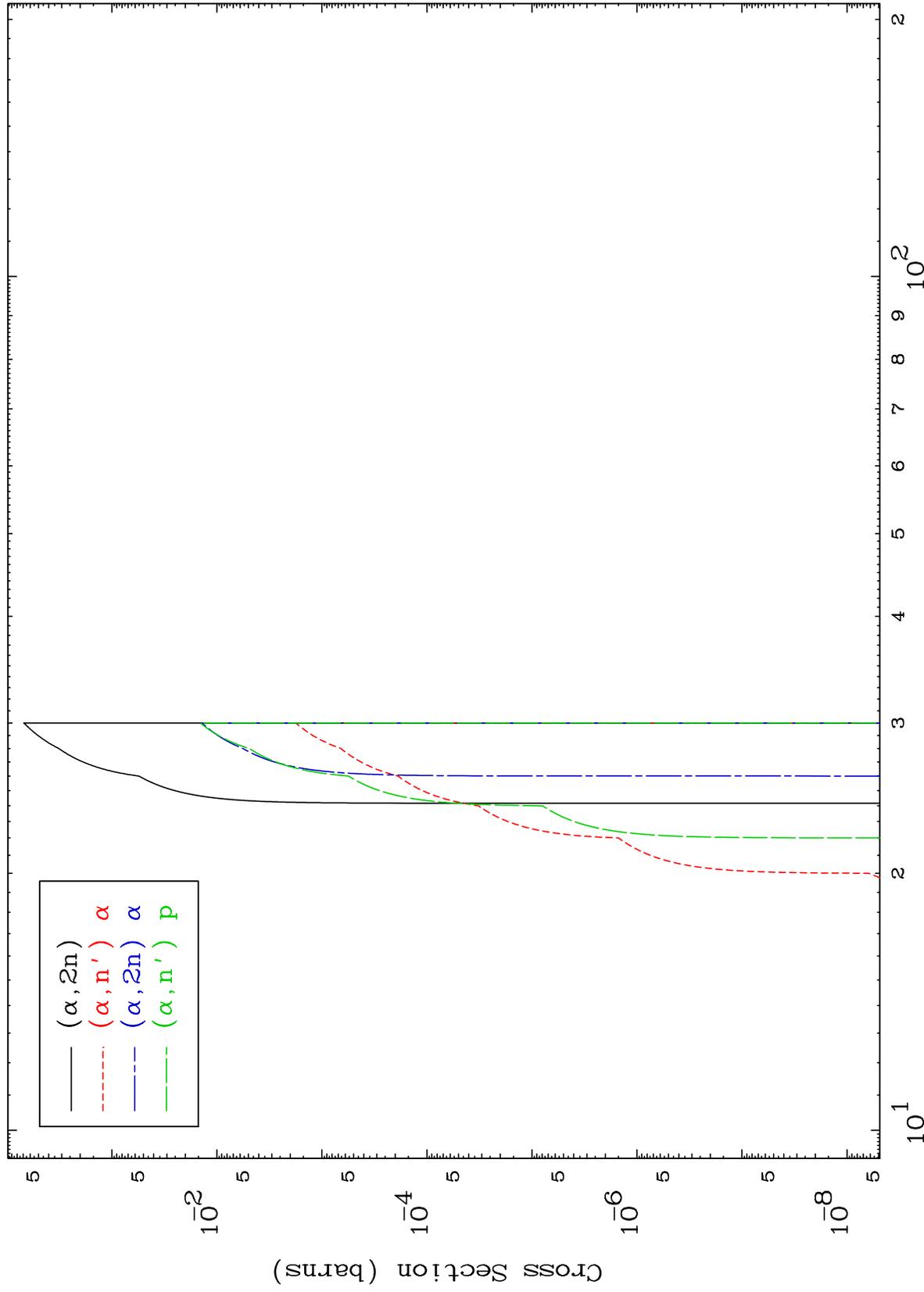
Incident Energy (MeV)

84-Po-202

MAT 8413

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

84-Po-202



2

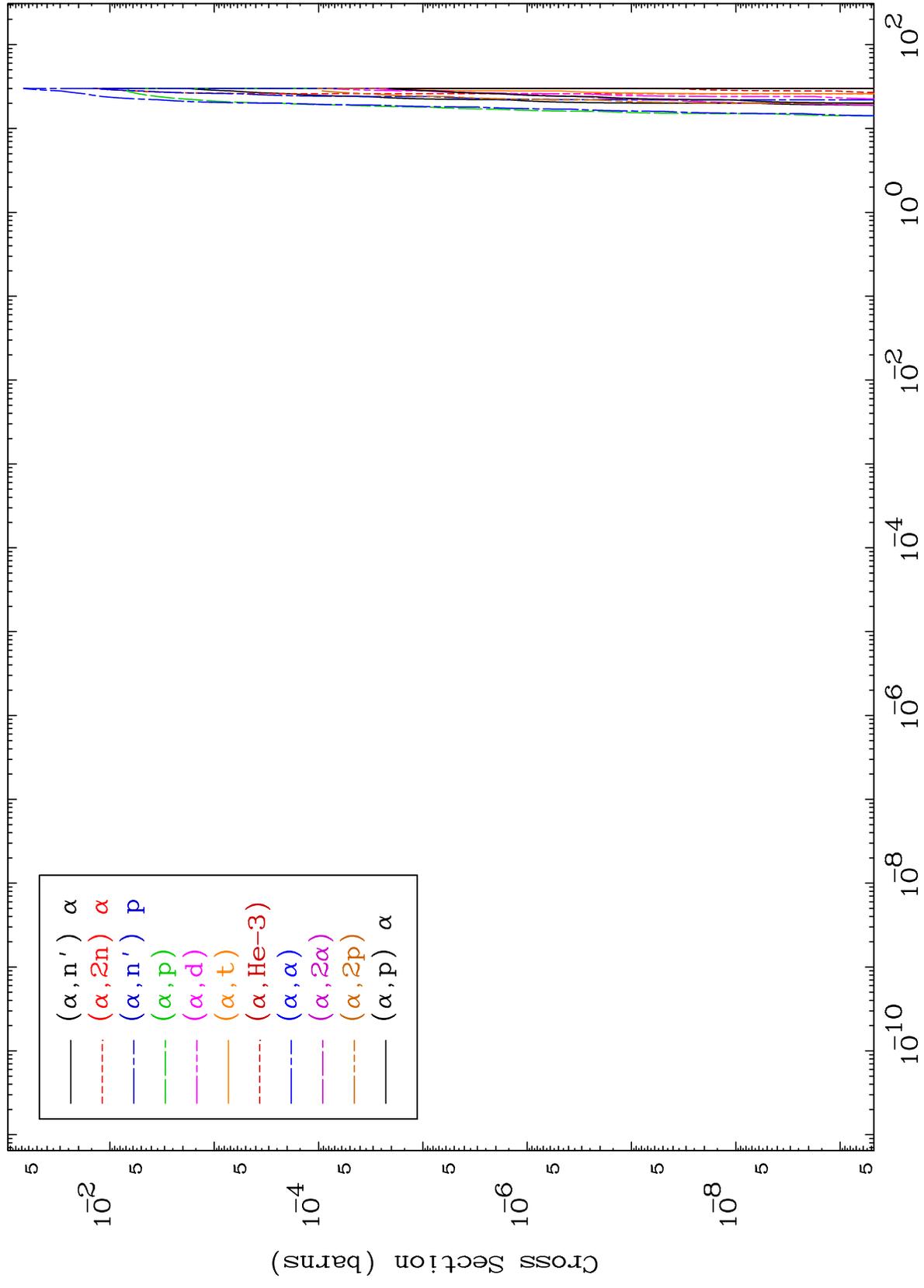
Incident Energy (MeV)

84-Po-202

MAT 8413

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

84-Po-202



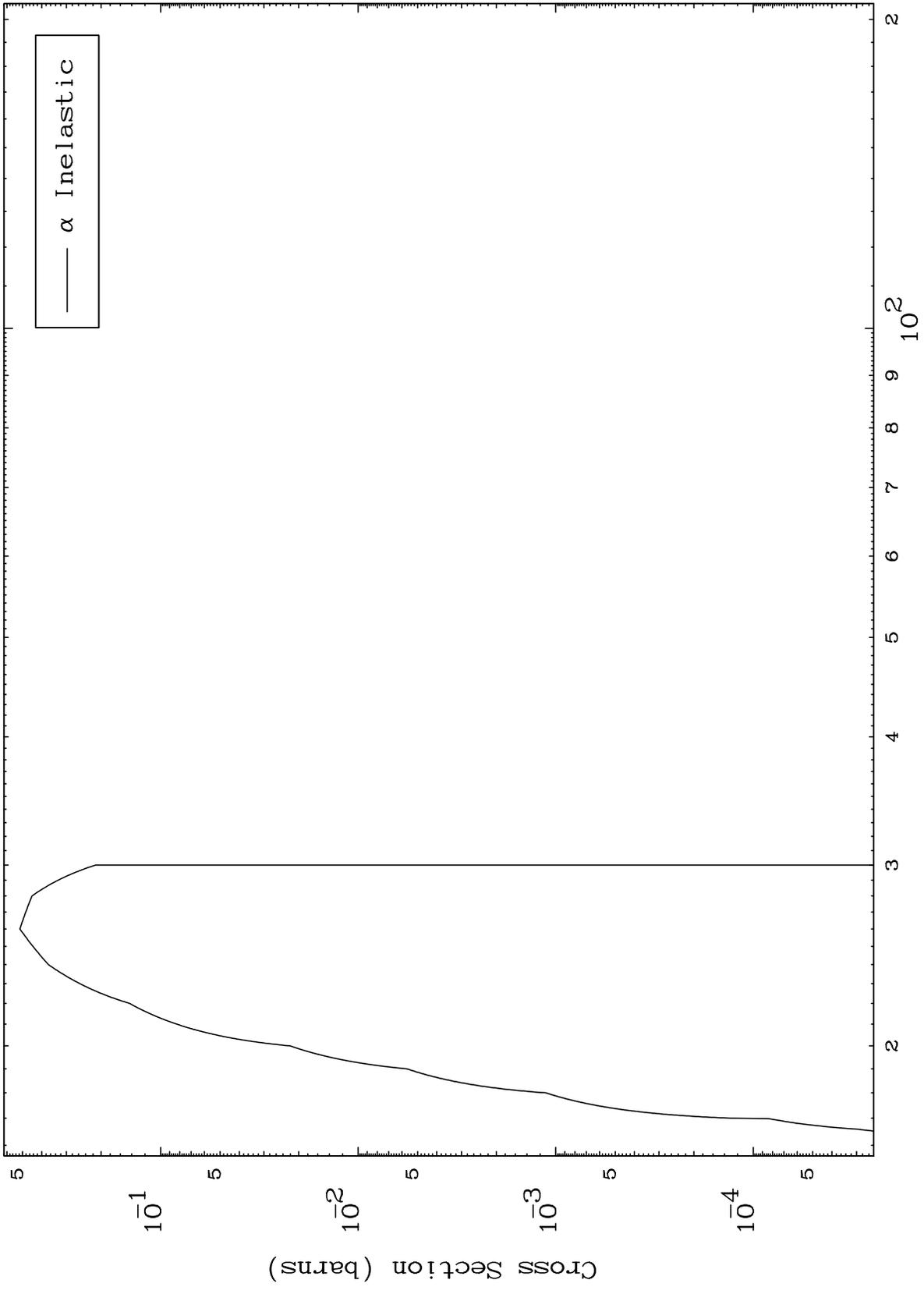
3

84-Po-202

MAT 8413

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

84-Po-202



4

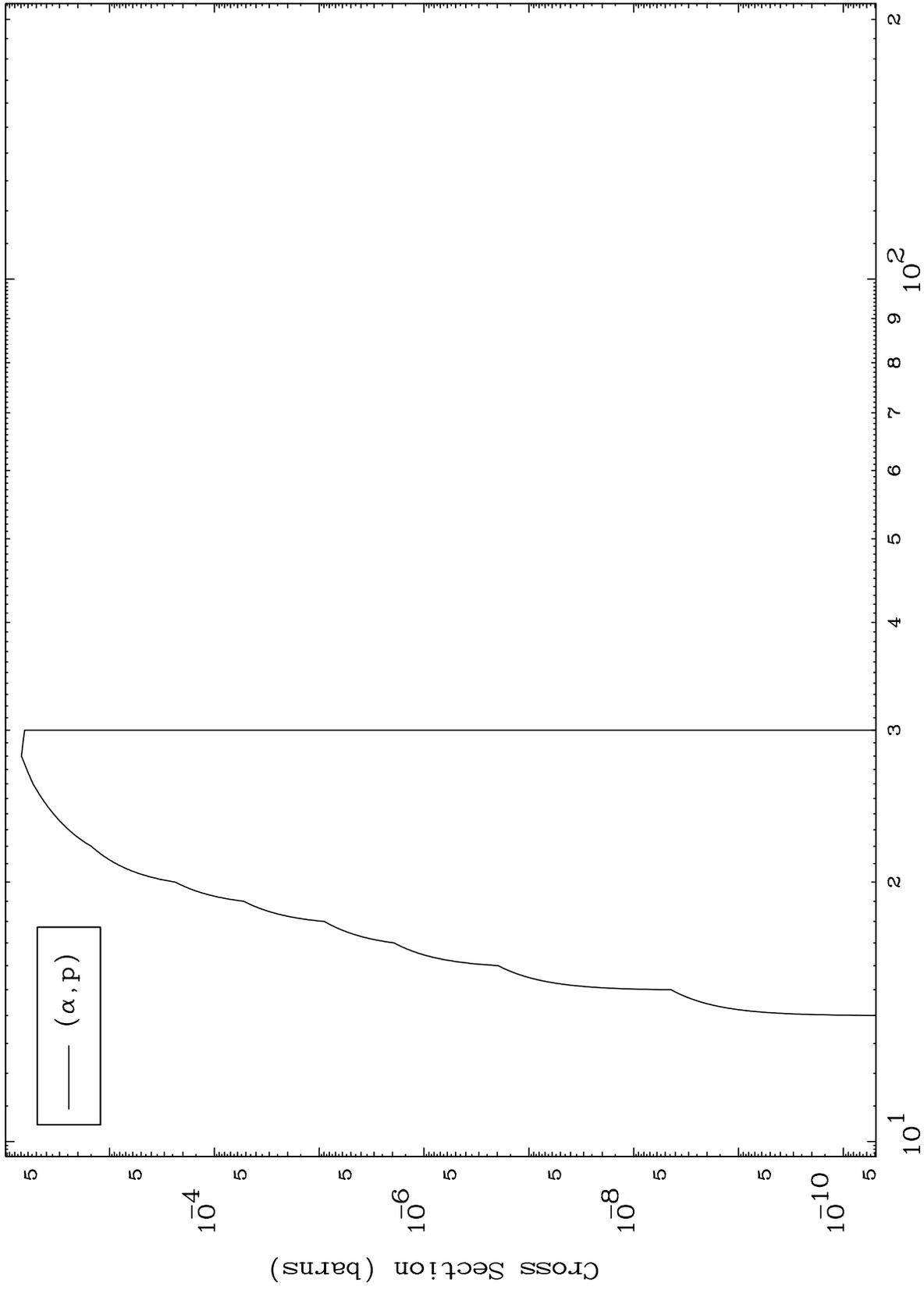
Incident Energy (MeV)

84-Po-202

MAT 8413

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

84-Po-202



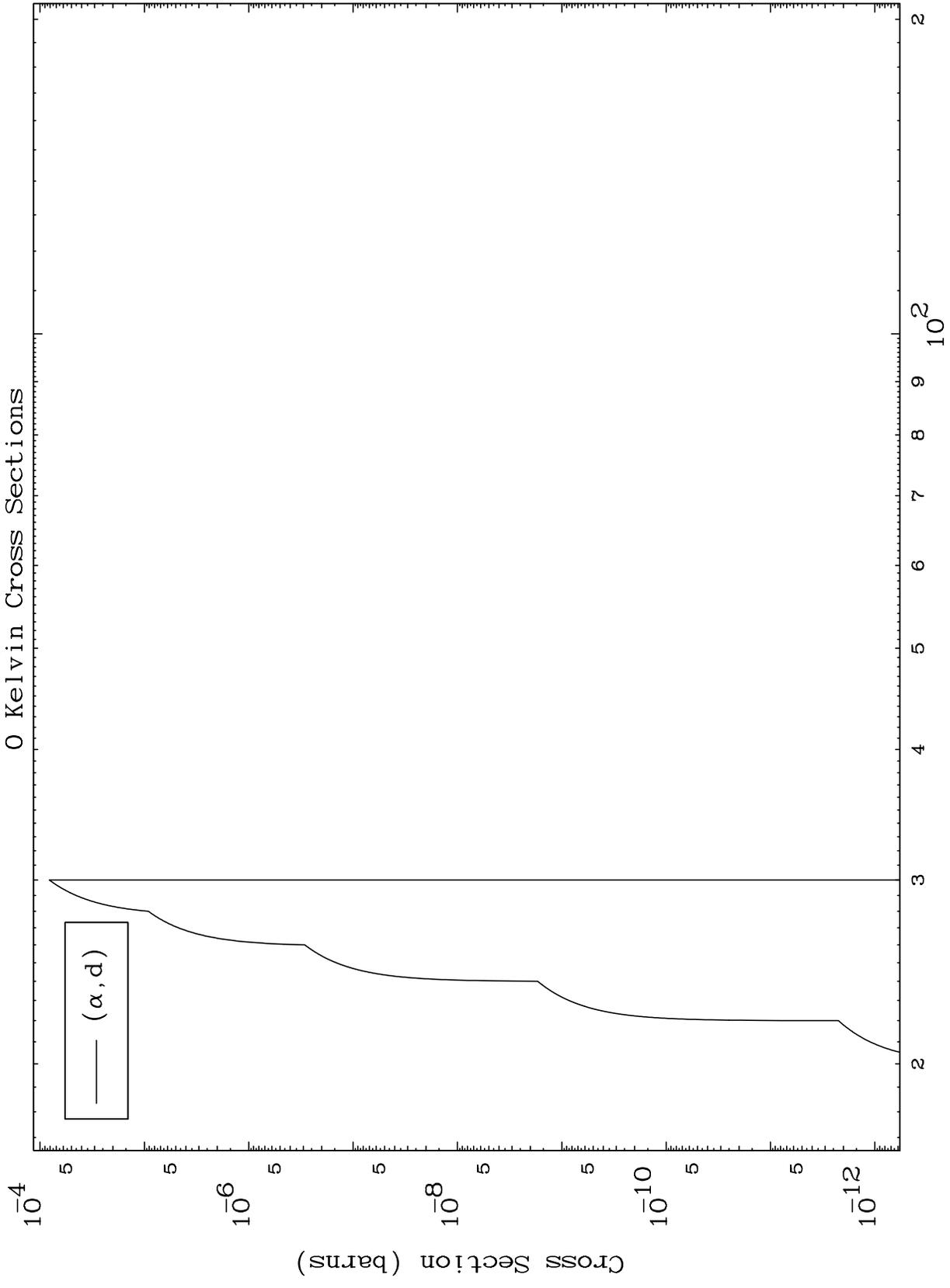
Incident Energy (MeV)

84-Po-202

MAT 8413

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

84-Po-202



6

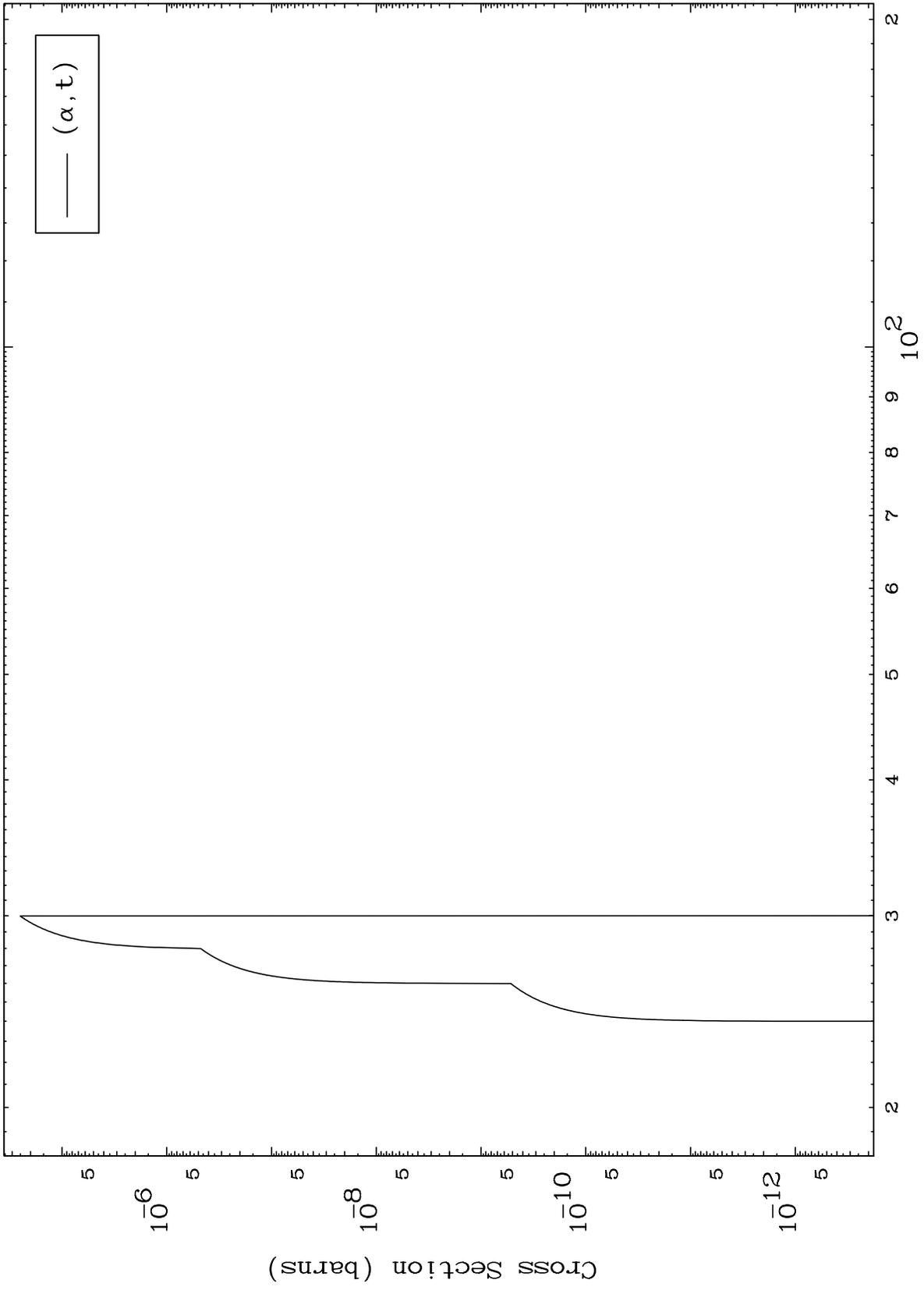
Incident Energy (MeV)

84-Po-202

MAT 8413

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

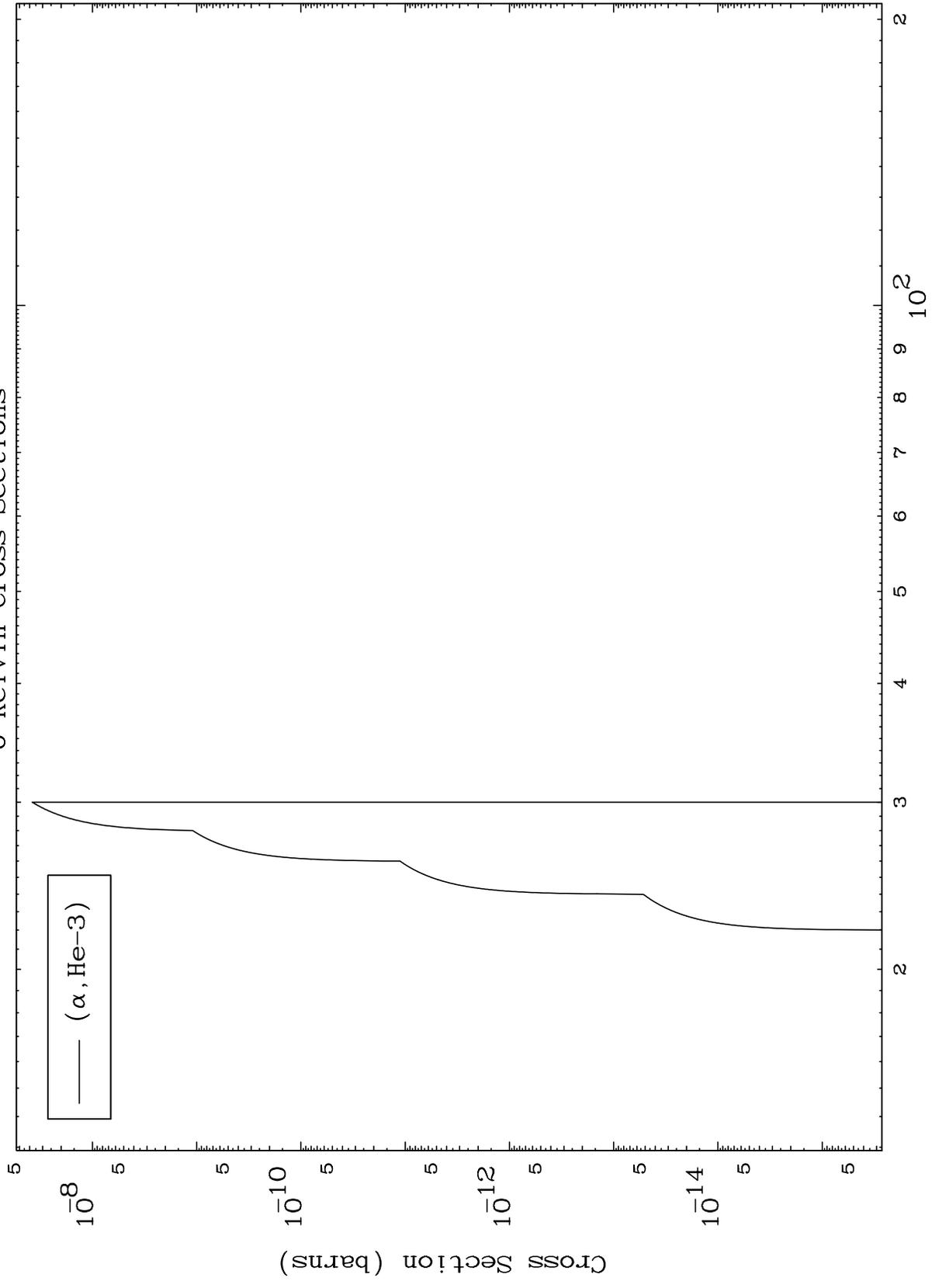
84-Po-202



7

Incident Energy (MeV)

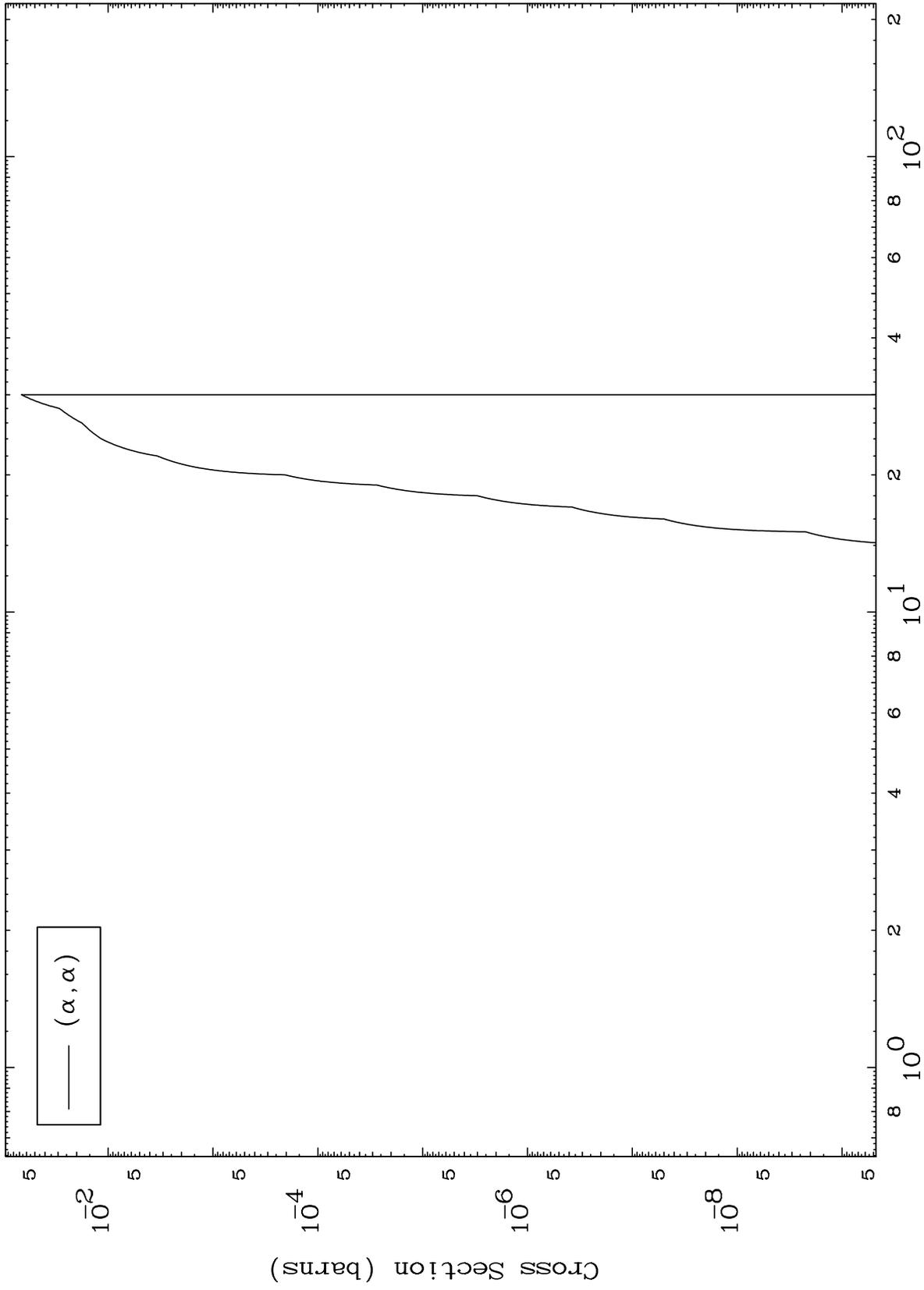
84-Po-202



MAT 8413

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

84-Po-202



9

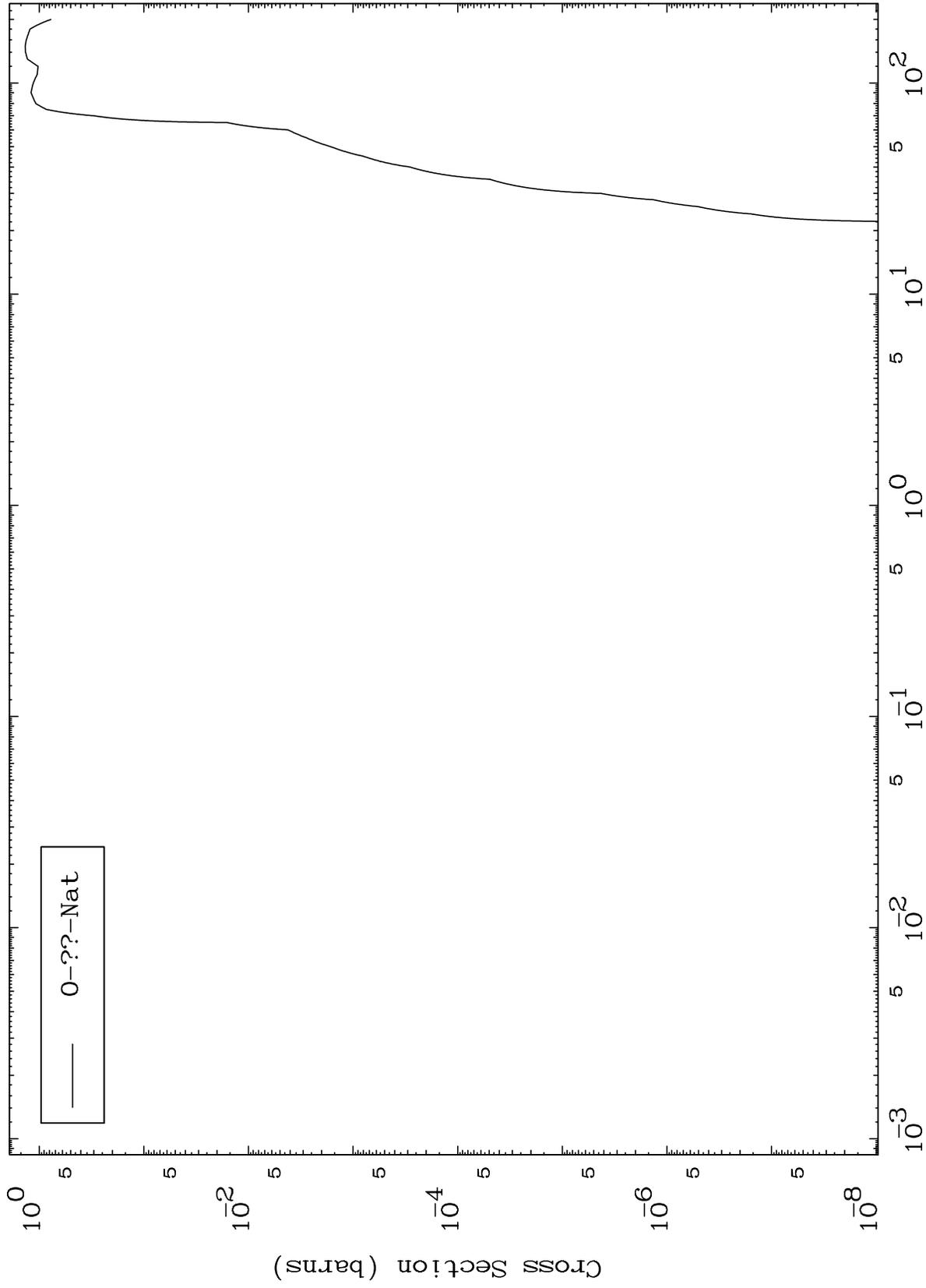
Incident Energy (MeV)

84-Po-202

MAT 8413

$\alpha$  Fission  
Radionuclide Production Cross Section

84-Po-202



Incident Energy (MeV)

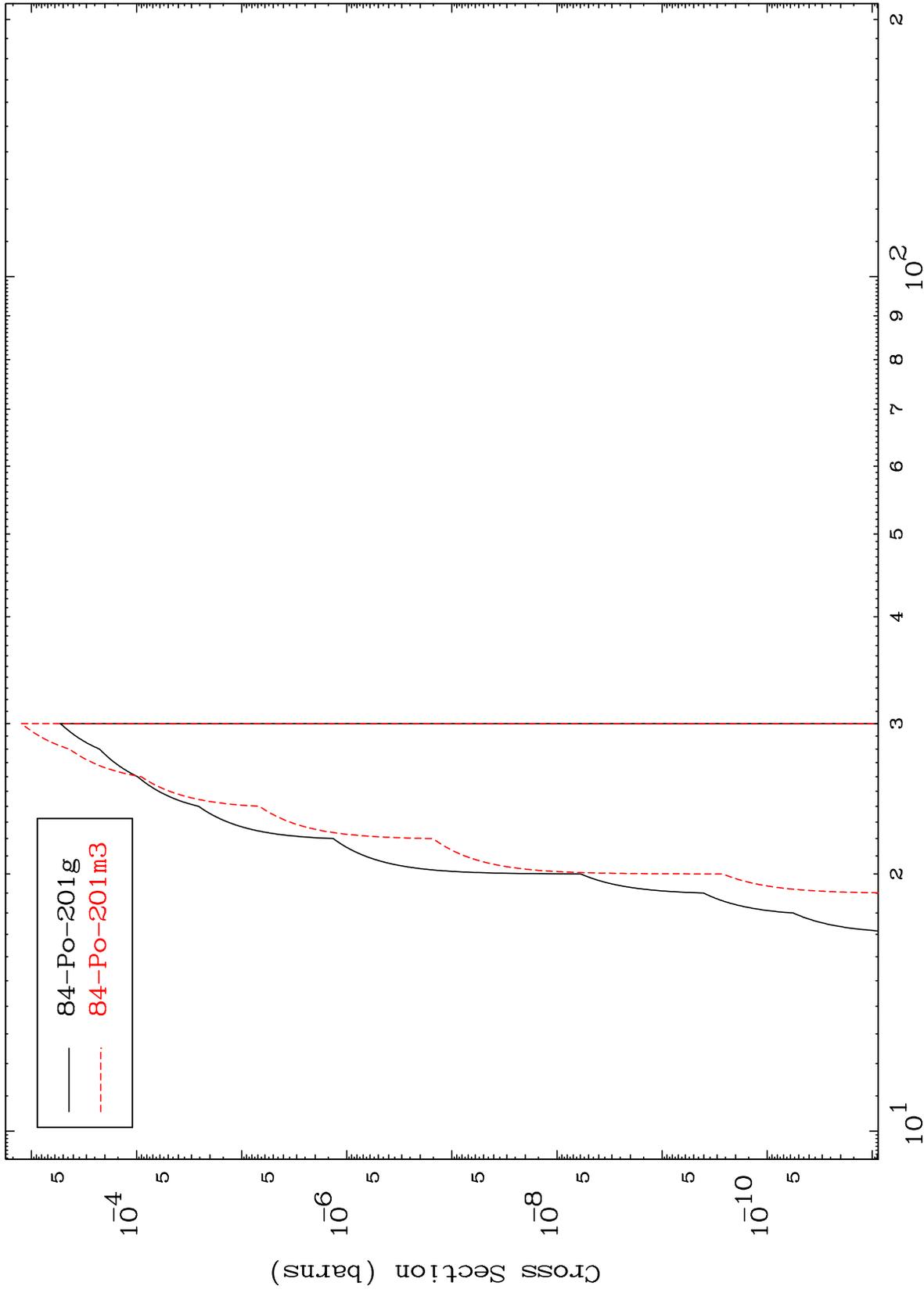
84-Po-202

MAT 8413

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

84-Po-202

Radionuclide Production Cross Section



11

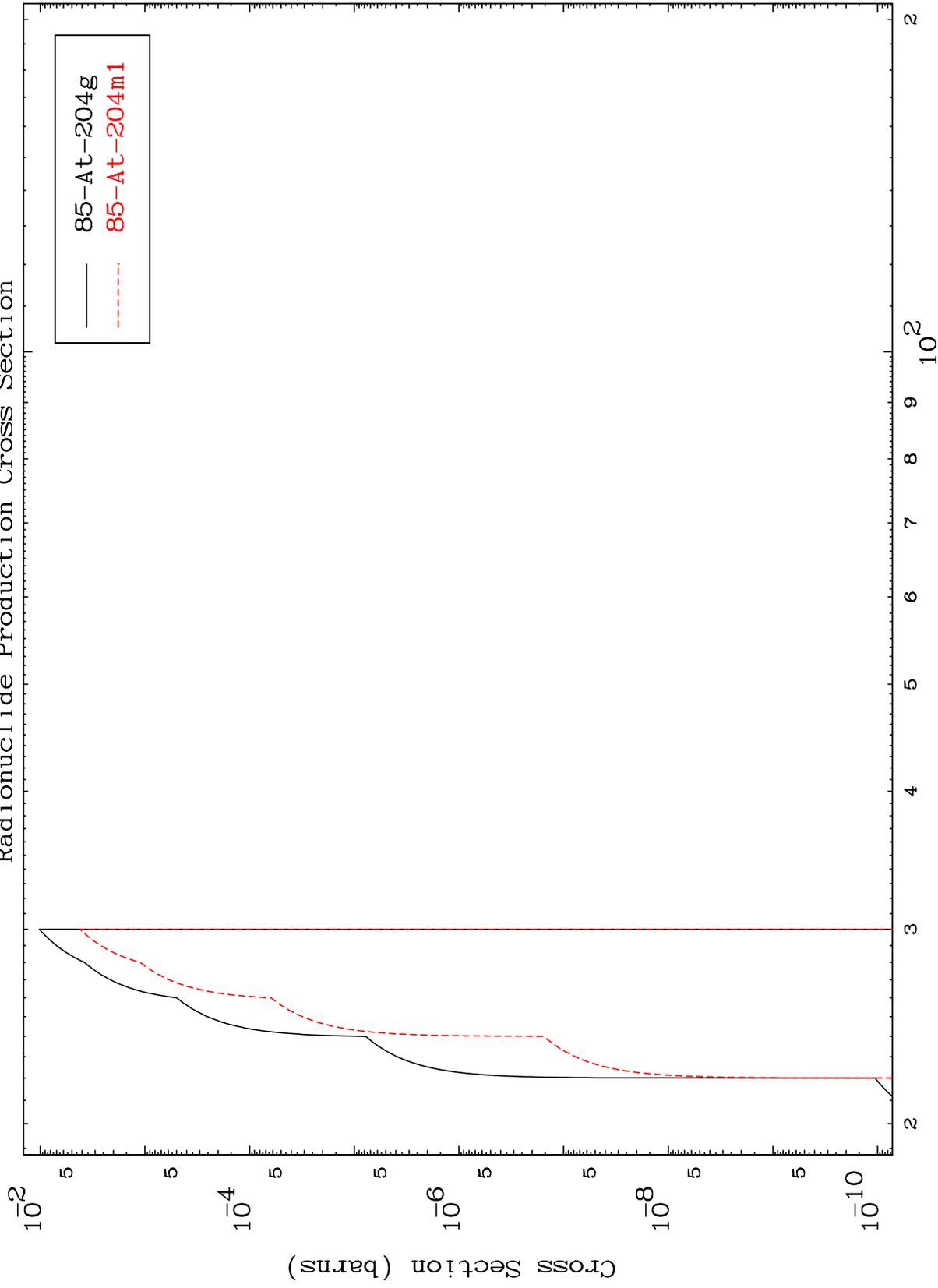
84-Po-202

MAT 8413

( $\alpha, n'$ ) p

84-Po-202

Radionuclide Production Cross Section



12

Incident Energy (MeV)

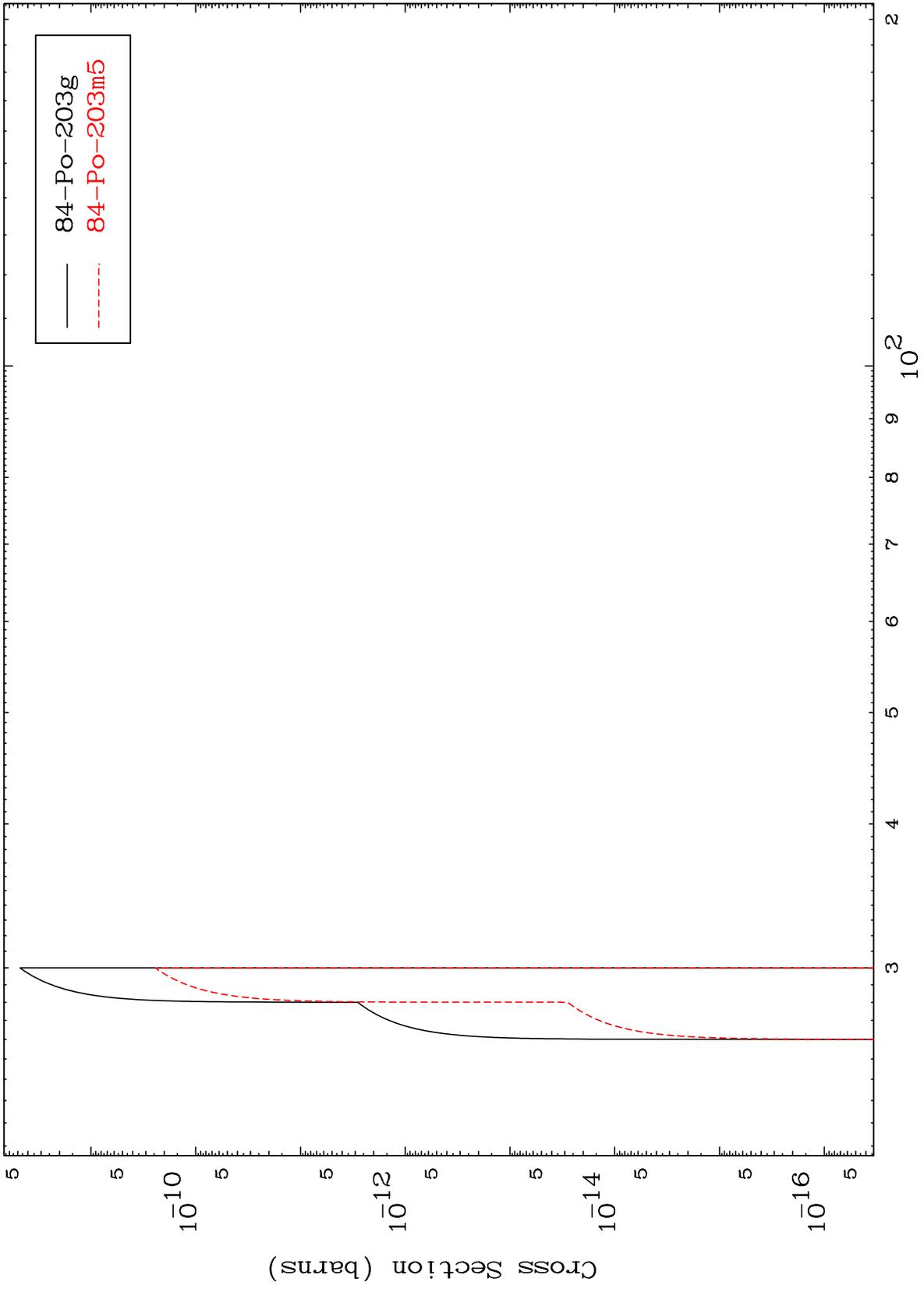
84-Po-202

MAT 8413

$(\alpha, 2n)$  p

84-Po-202

Radionuclide Production Cross Section



13

Incident Energy (MeV)

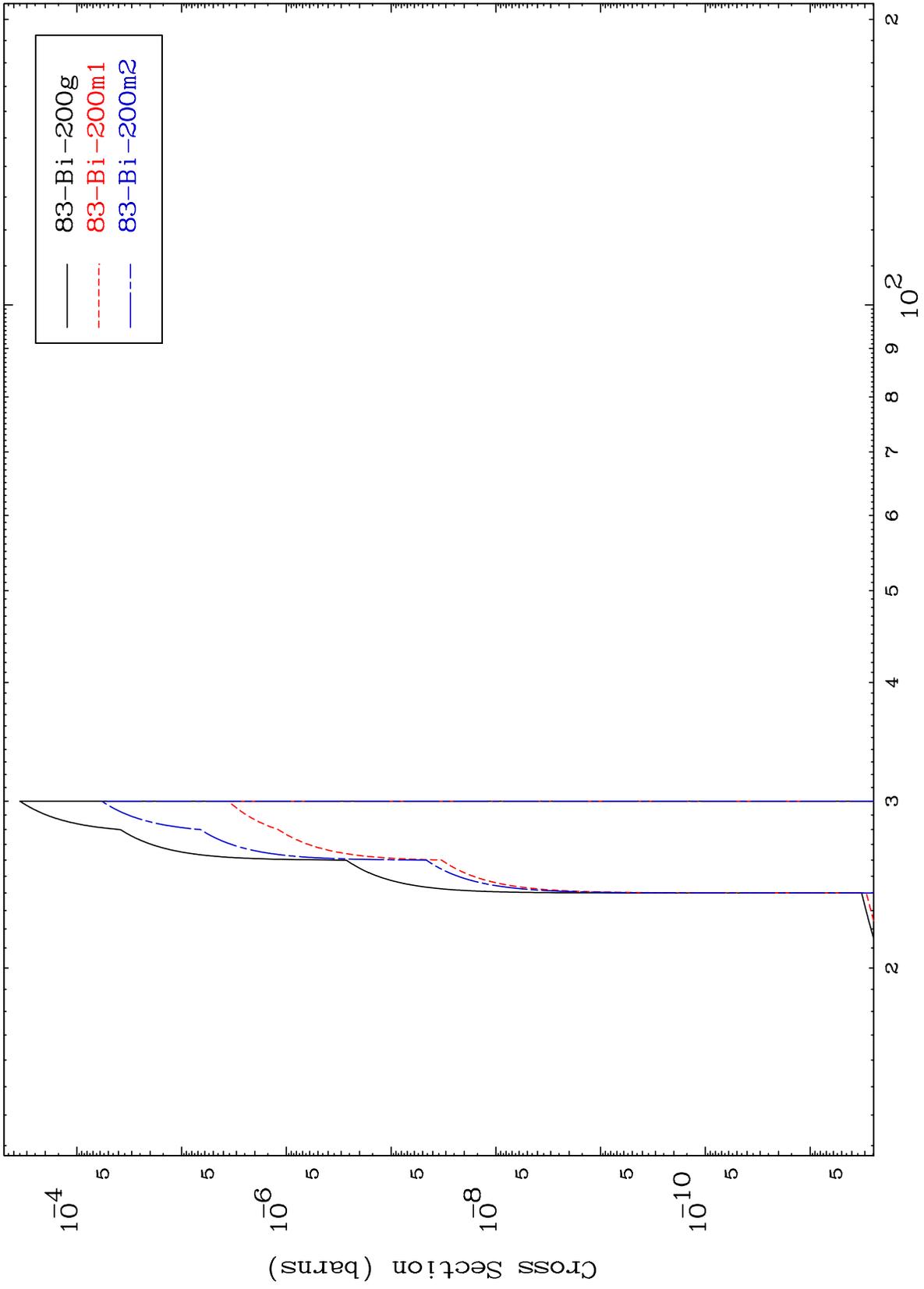
84-Po-202

MAT 8413

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

84-Po-202

Radionuclide Production Cross Section



14

Incident Energy (MeV)

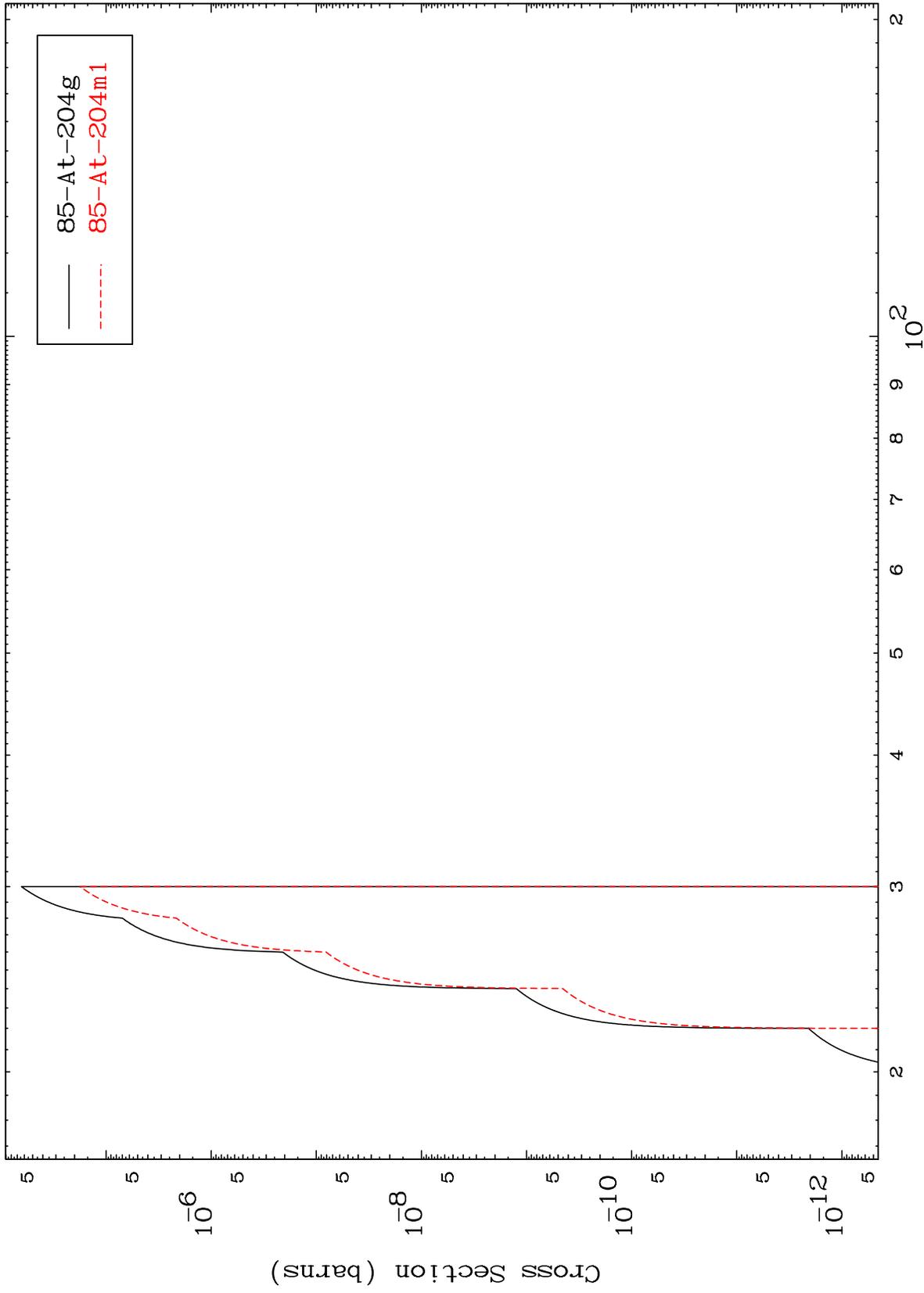
84-Po-202

MAT 8413

( $\alpha, d$ )

84-Po-202

Radionuclide Production Cross Section



15

Incident Energy (MeV)

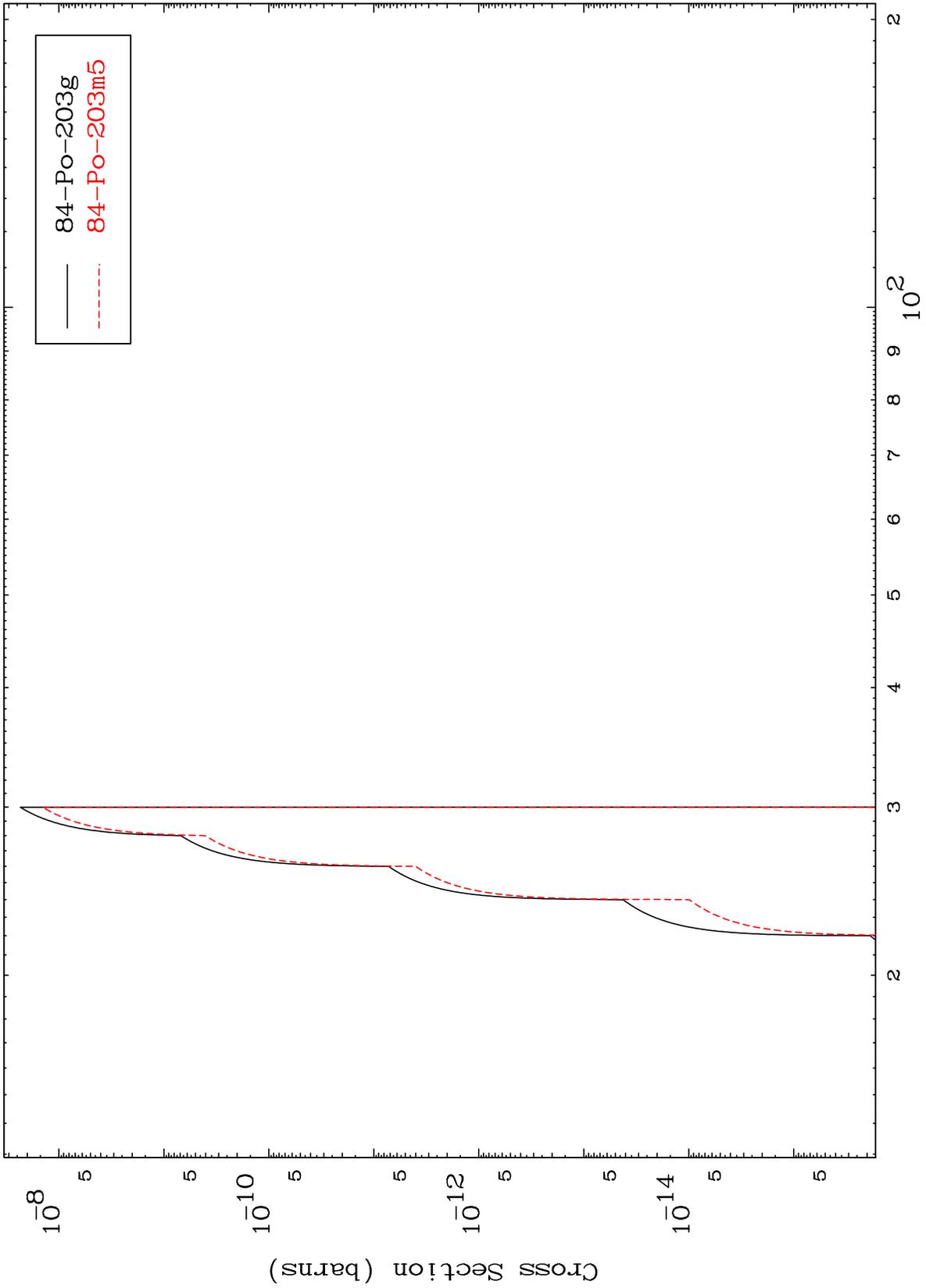
84-Po-202

MAT 8413

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

84-Po-202

Radionuclide Production Cross Section



16

Incident Energy (MeV)

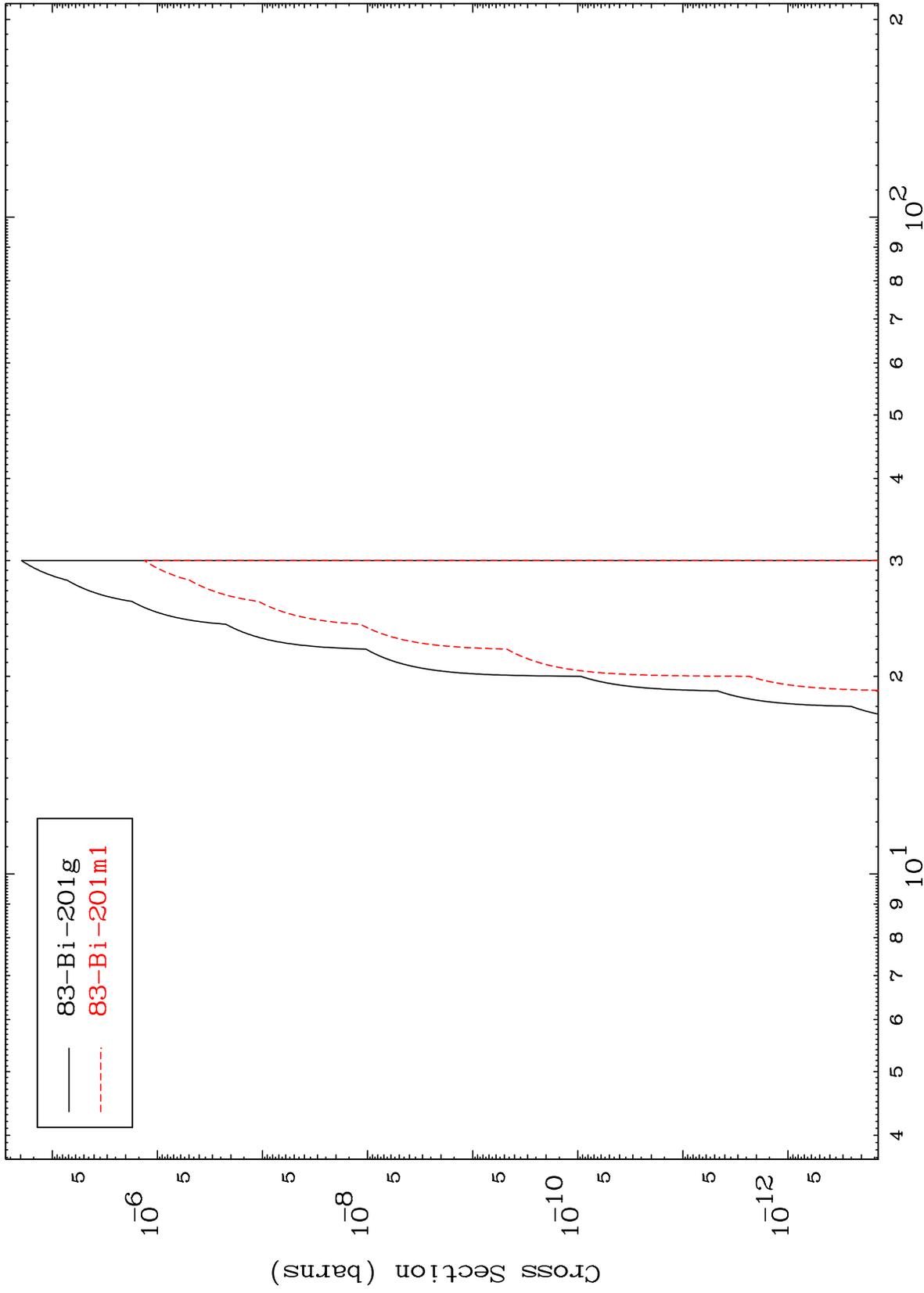
84-Po-202

MAT 8413

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

84-Po-202

Radionuclide Production Cross Section



17

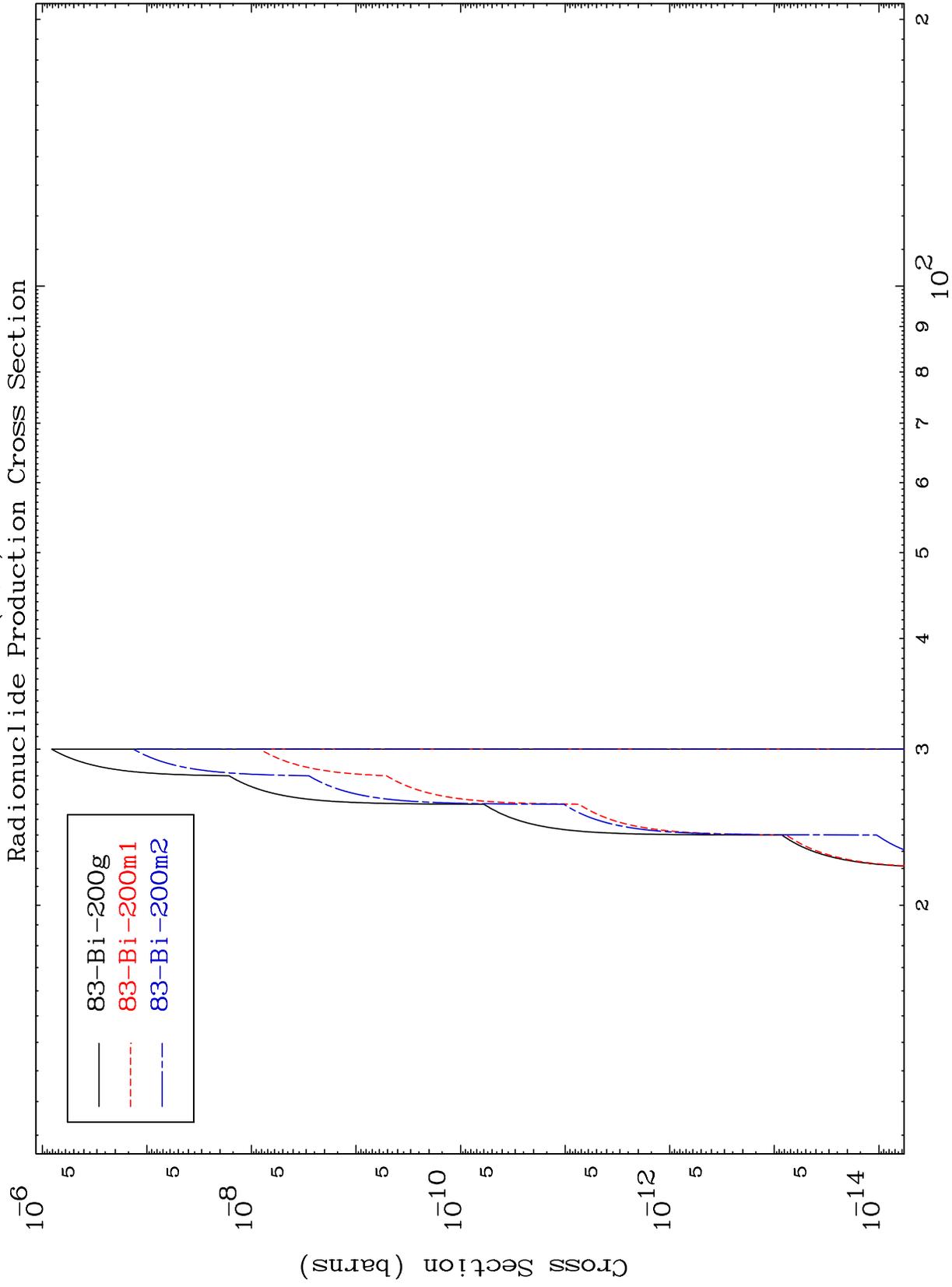
Incident Energy (MeV)

84-Po-202

MAT 8413

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

84-Po-202



18

84-Po-202

84-Po-202