

Program EVALPLOT  
(Version 2018-1)

by

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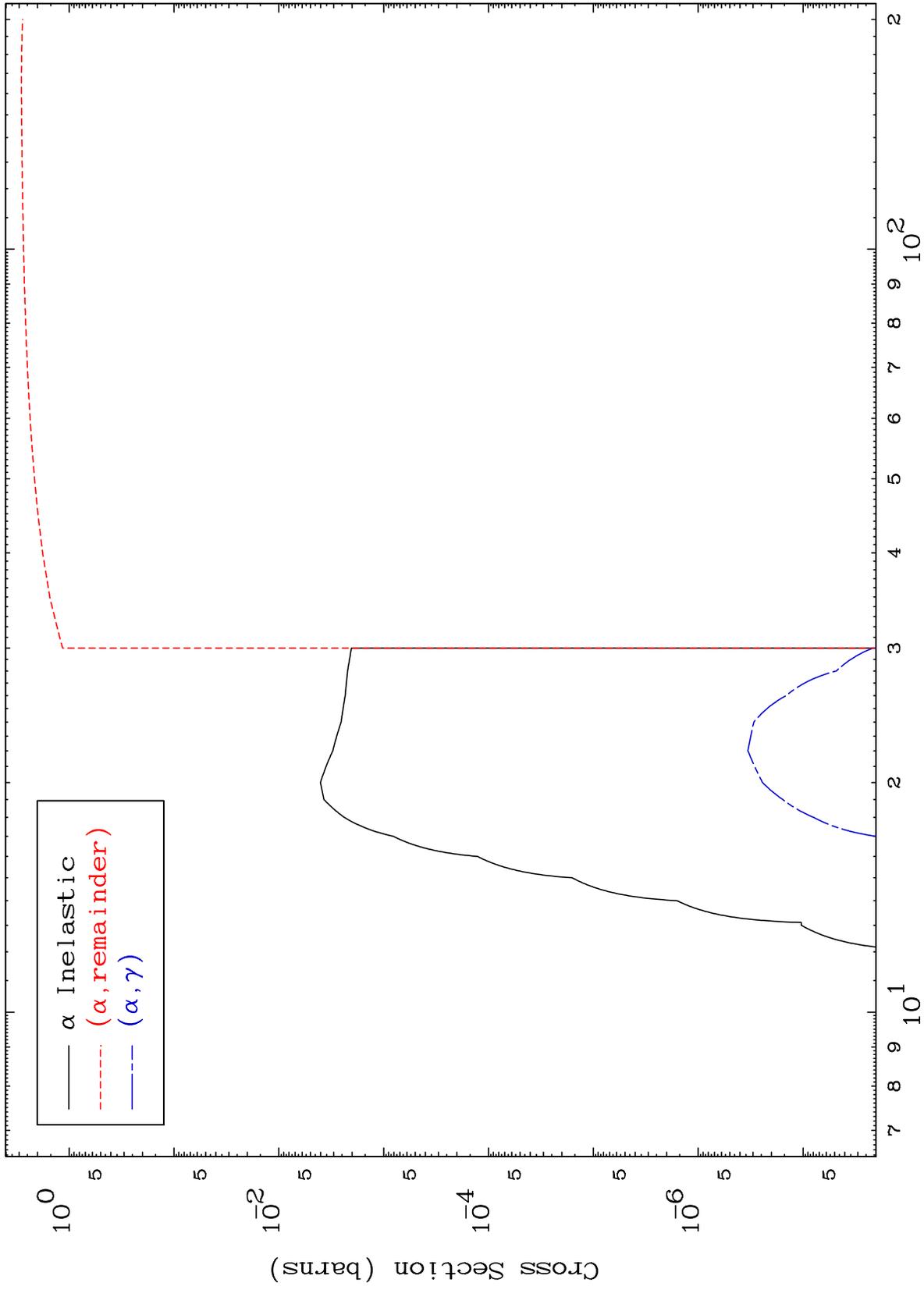
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8252

0 Kelvin  $\alpha$  Major  
Cross Sections

82-Pb-213



1

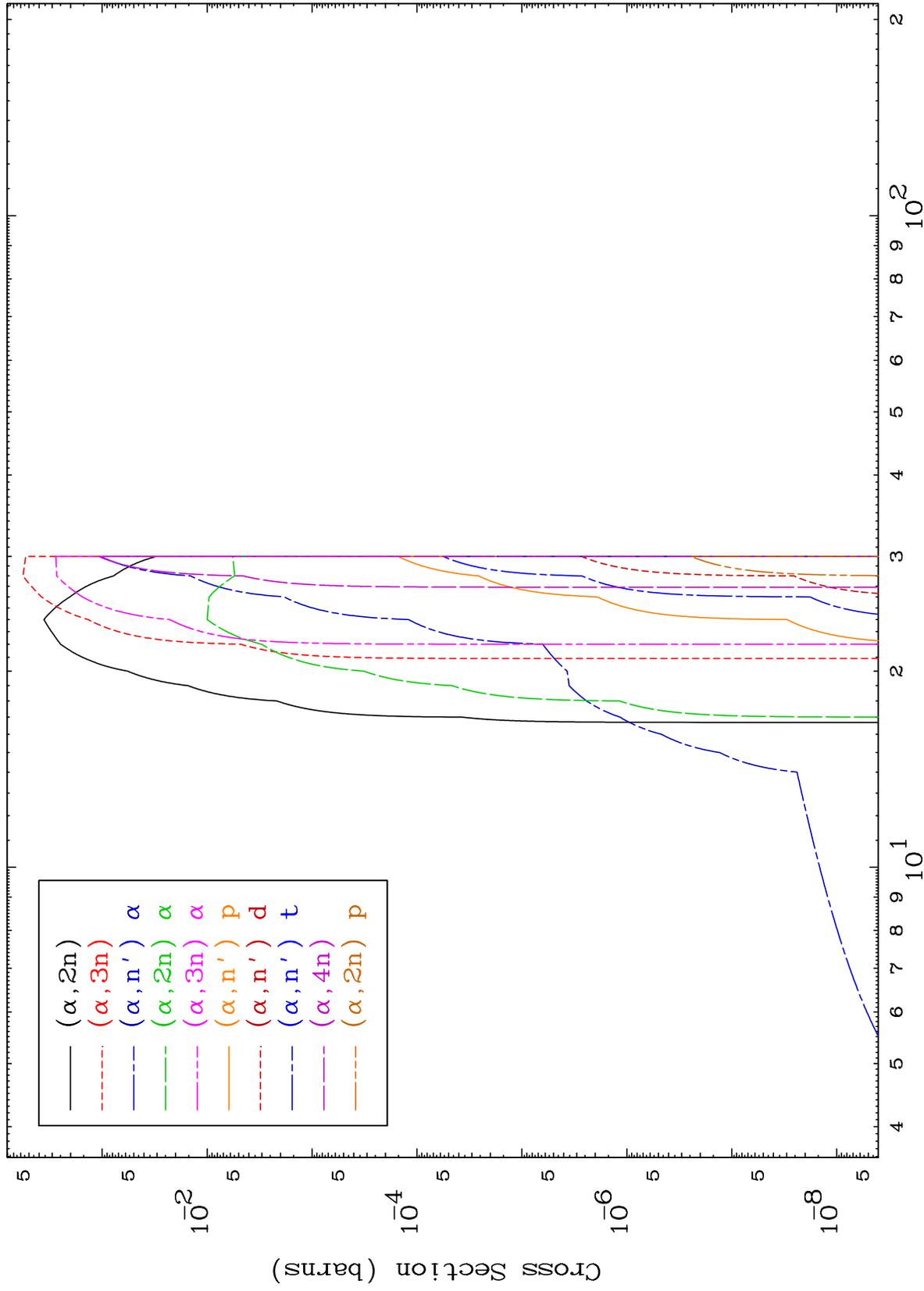
Incident Energy (MeV)

82-Pb-213

MAT 8252

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

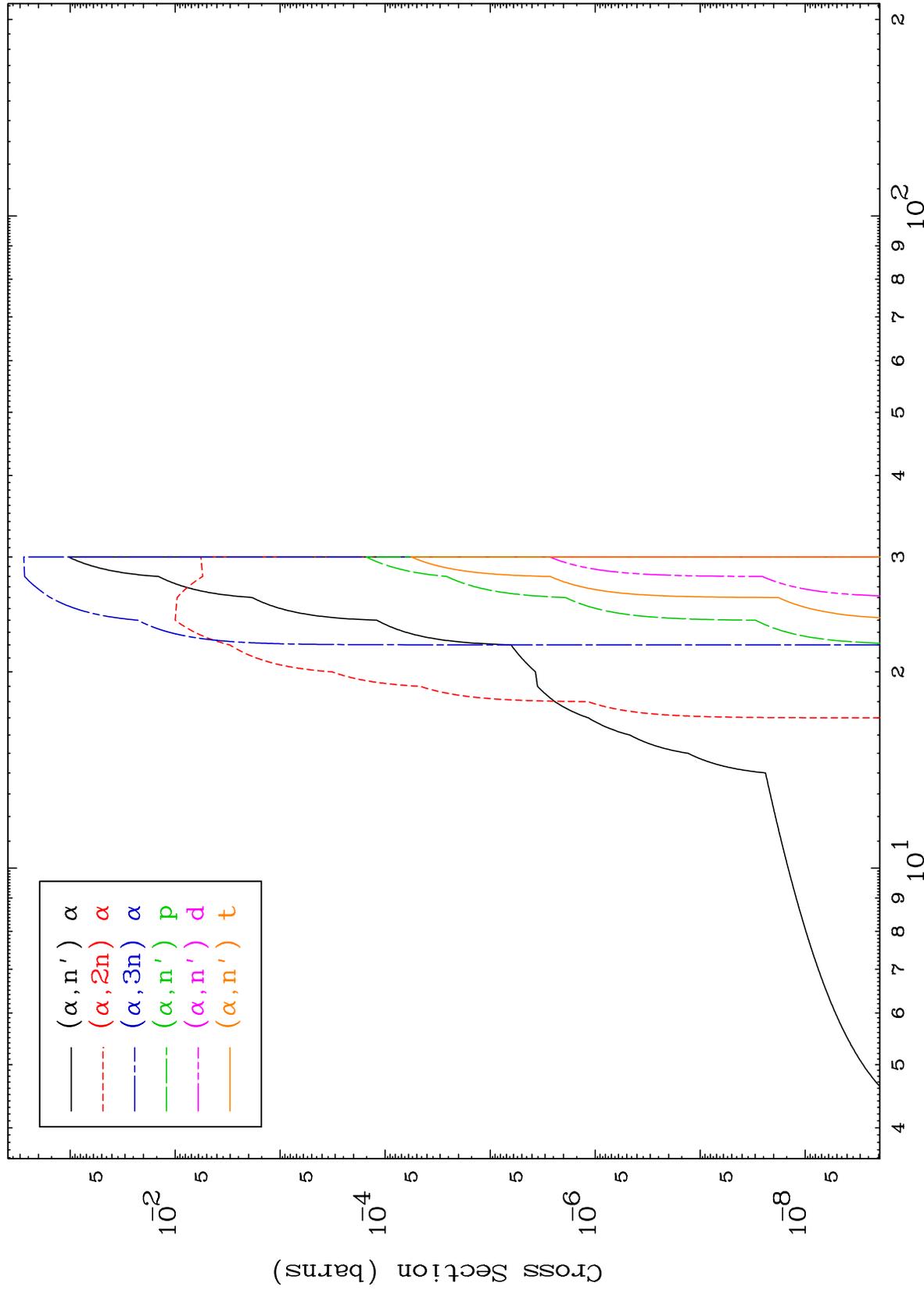
82-Pb-213



2

Incident Energy (MeV)

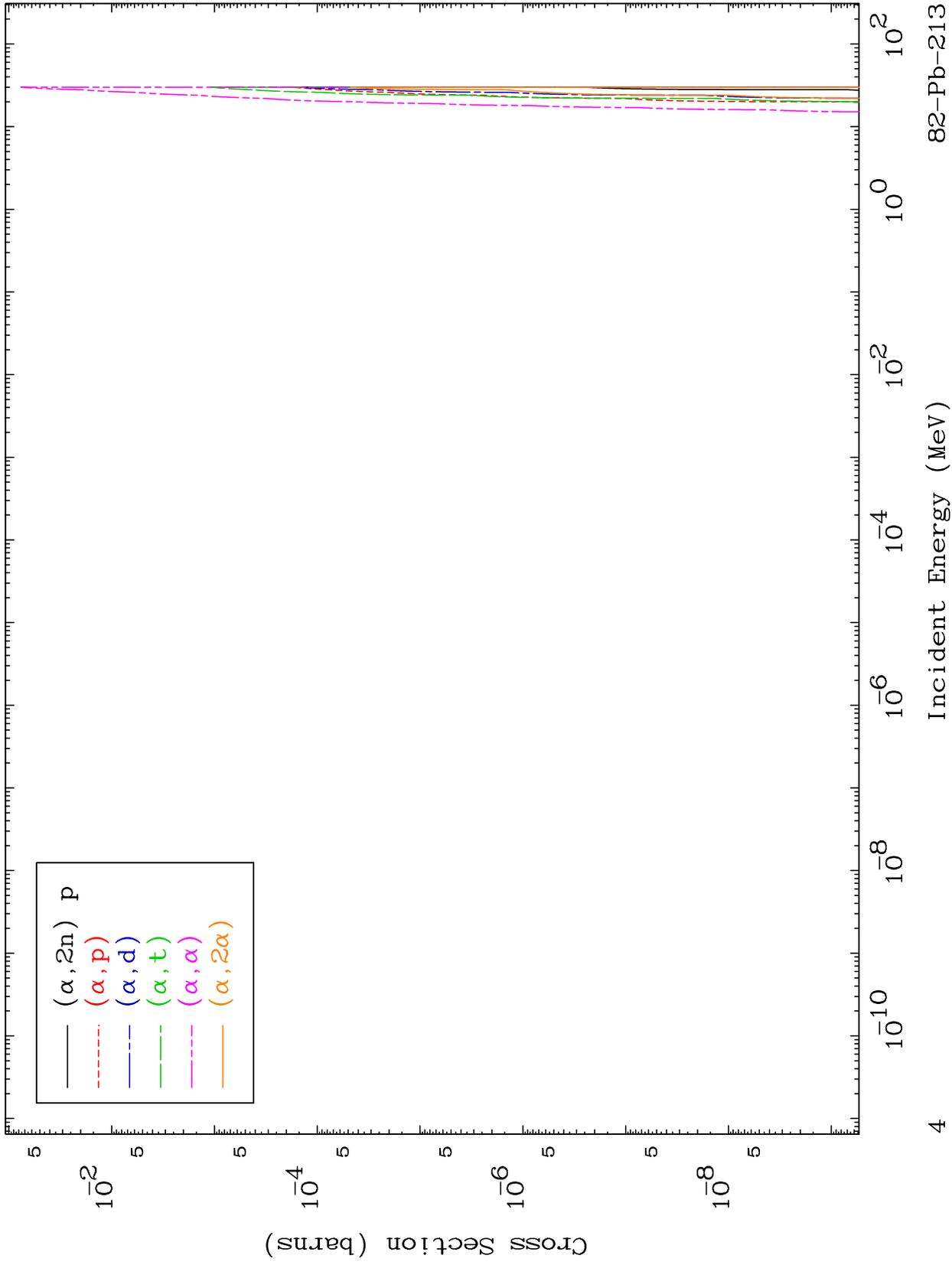
82-Pb-213



MAT 8252

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

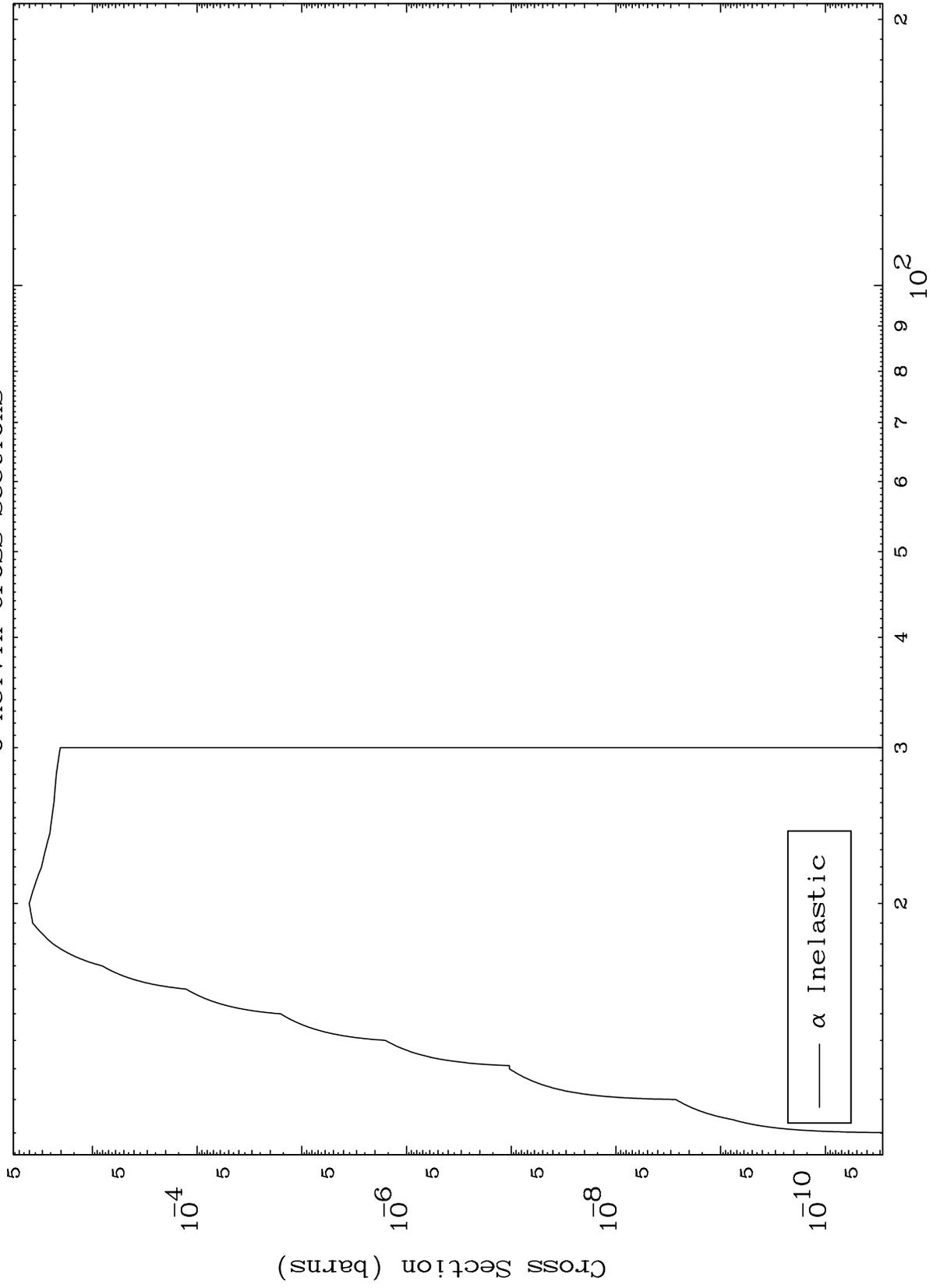
82-Pb-213



MAT 8252

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

82-Pb-213



5

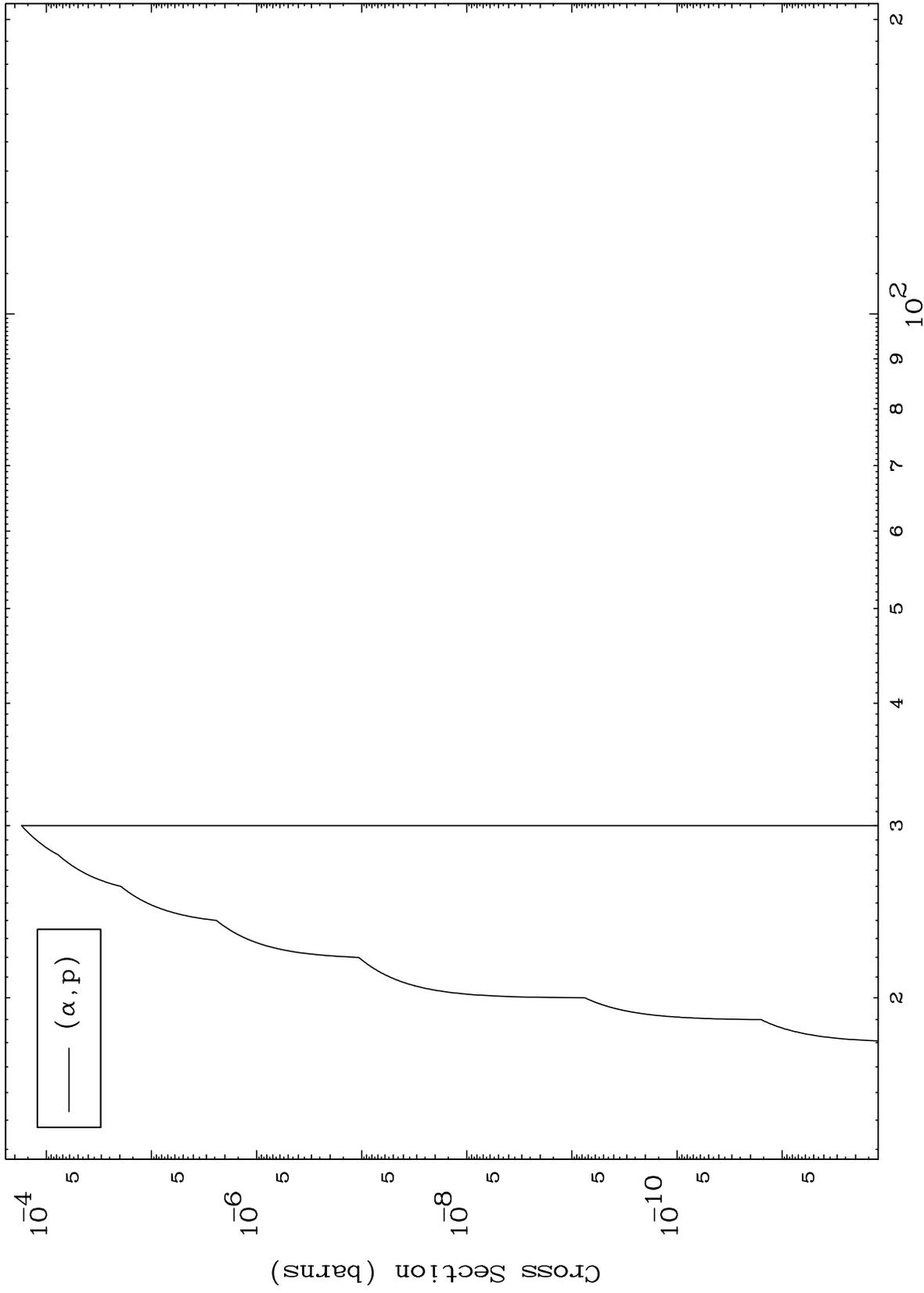
Incident Energy (MeV)

82-Pb-213

MAT 8252

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

82-Pb-213



6

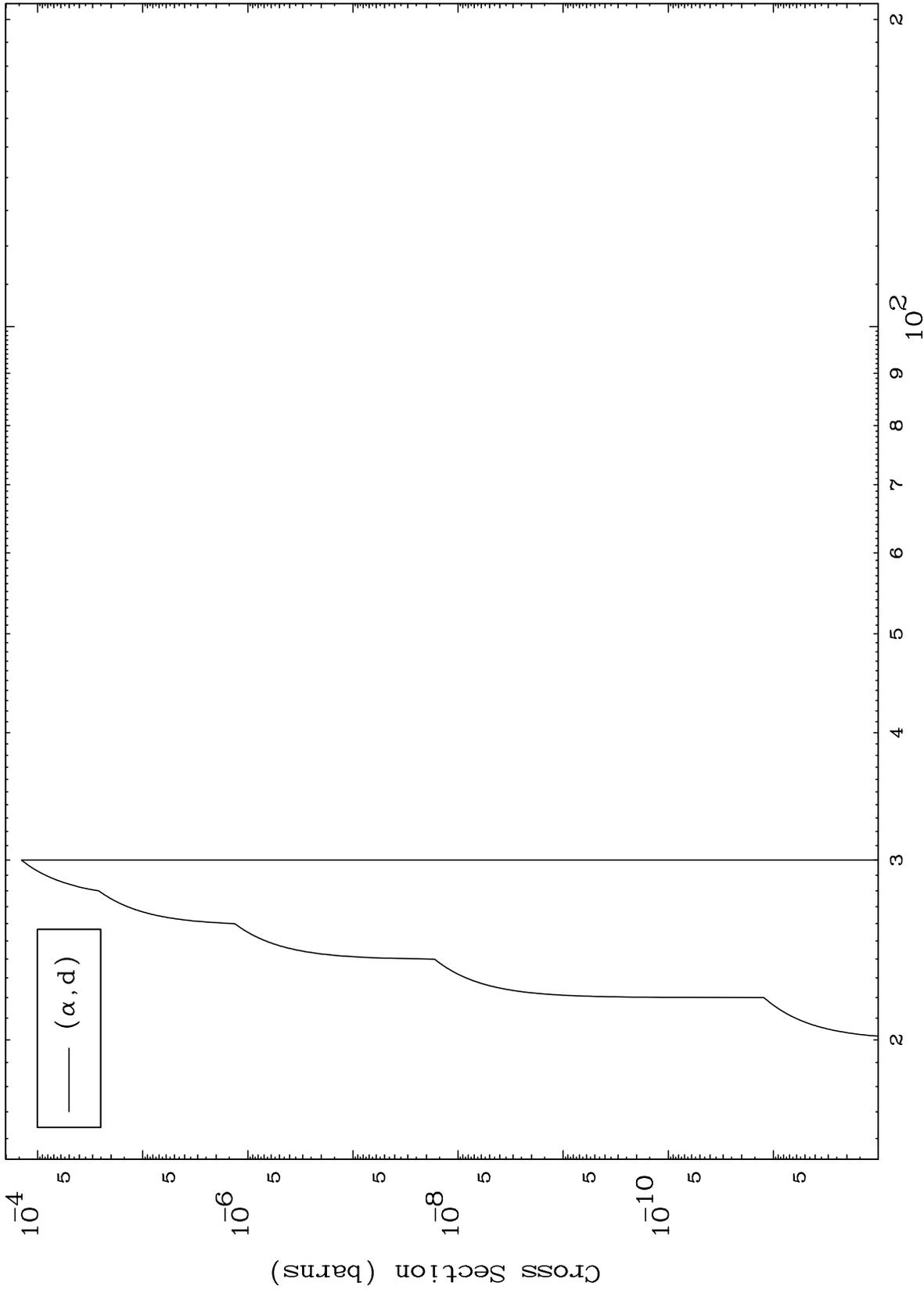
Incident Energy (MeV)

82-Pb-213

MAT 8252

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

82-Pb-213



7

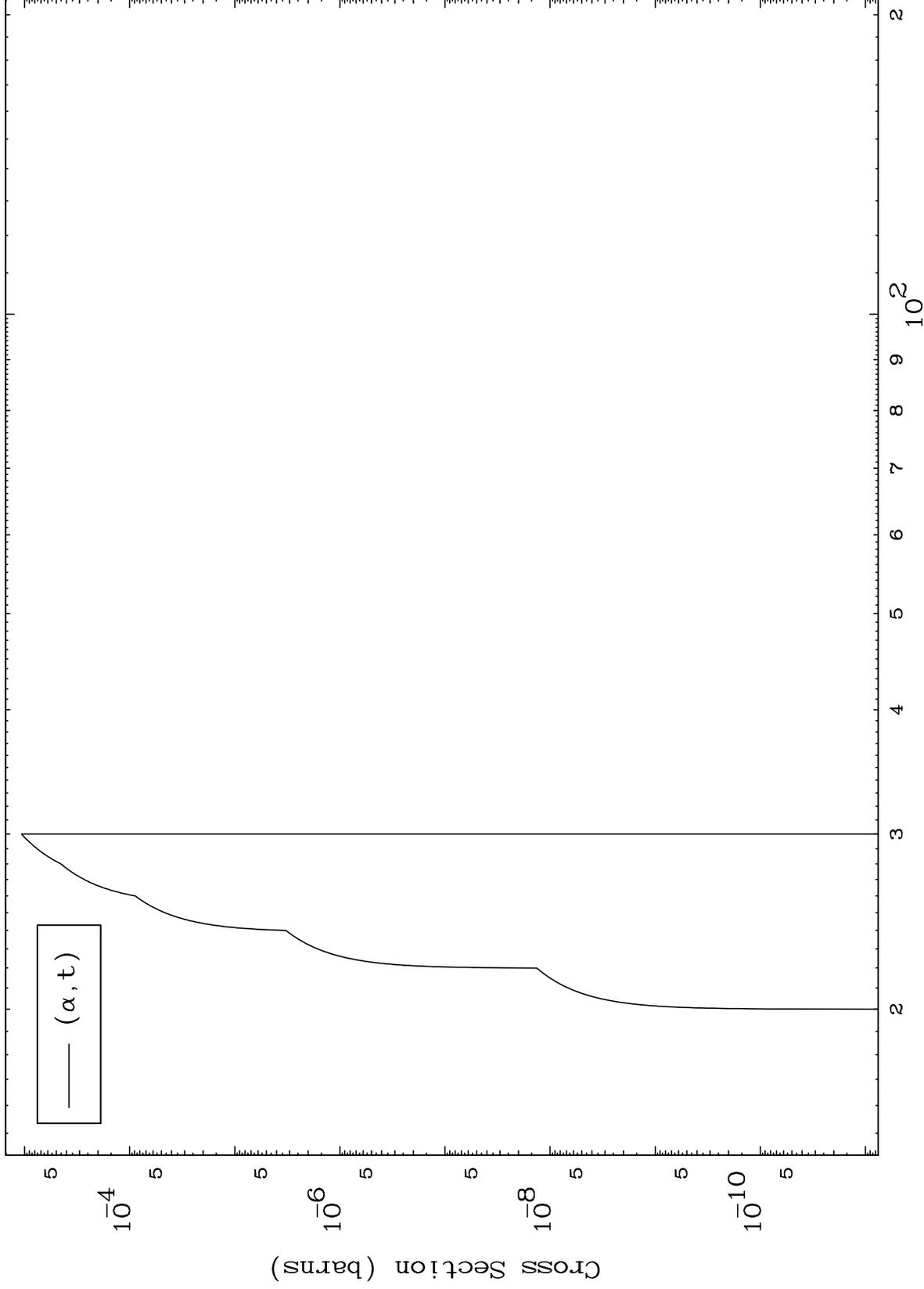
Incident Energy (MeV)

82-Pb-213

MAT 8252

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

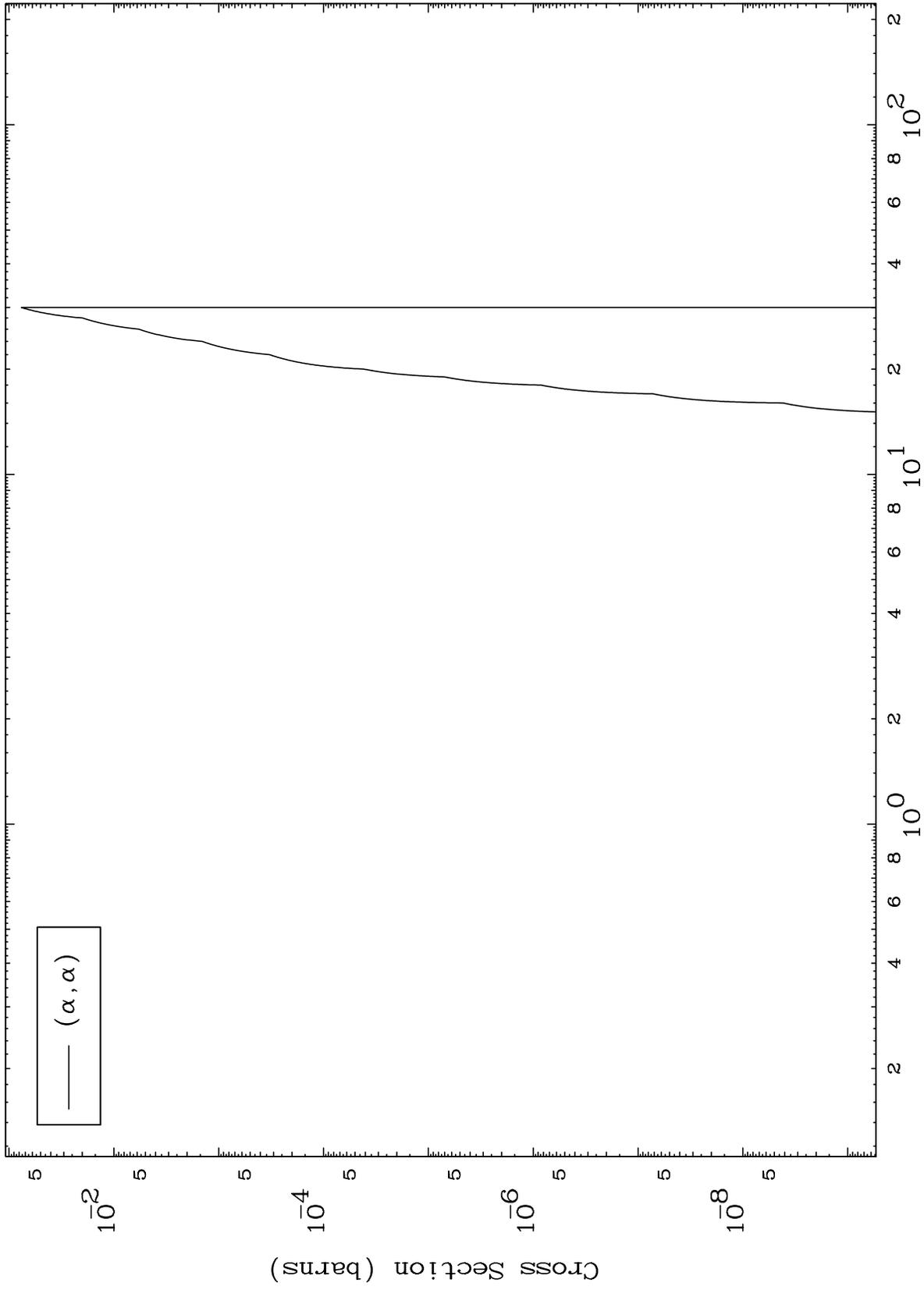
82-Pb-213



8

Incident Energy (MeV)

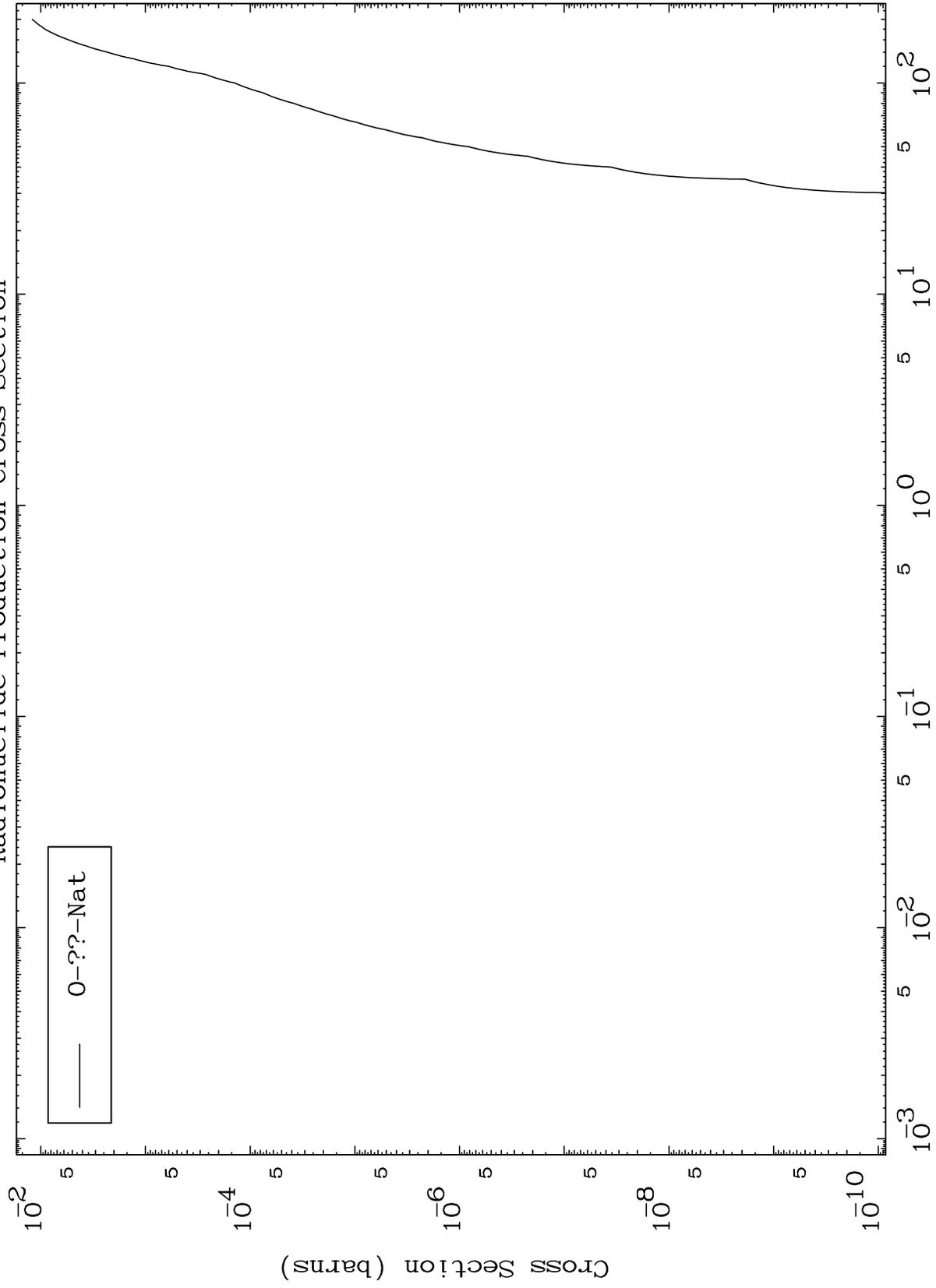
82-Pb-213



MAT 8252

$\alpha$  Fission  
Radionuclide Production Cross Section

82-Pb-213



Incident Energy (MeV)

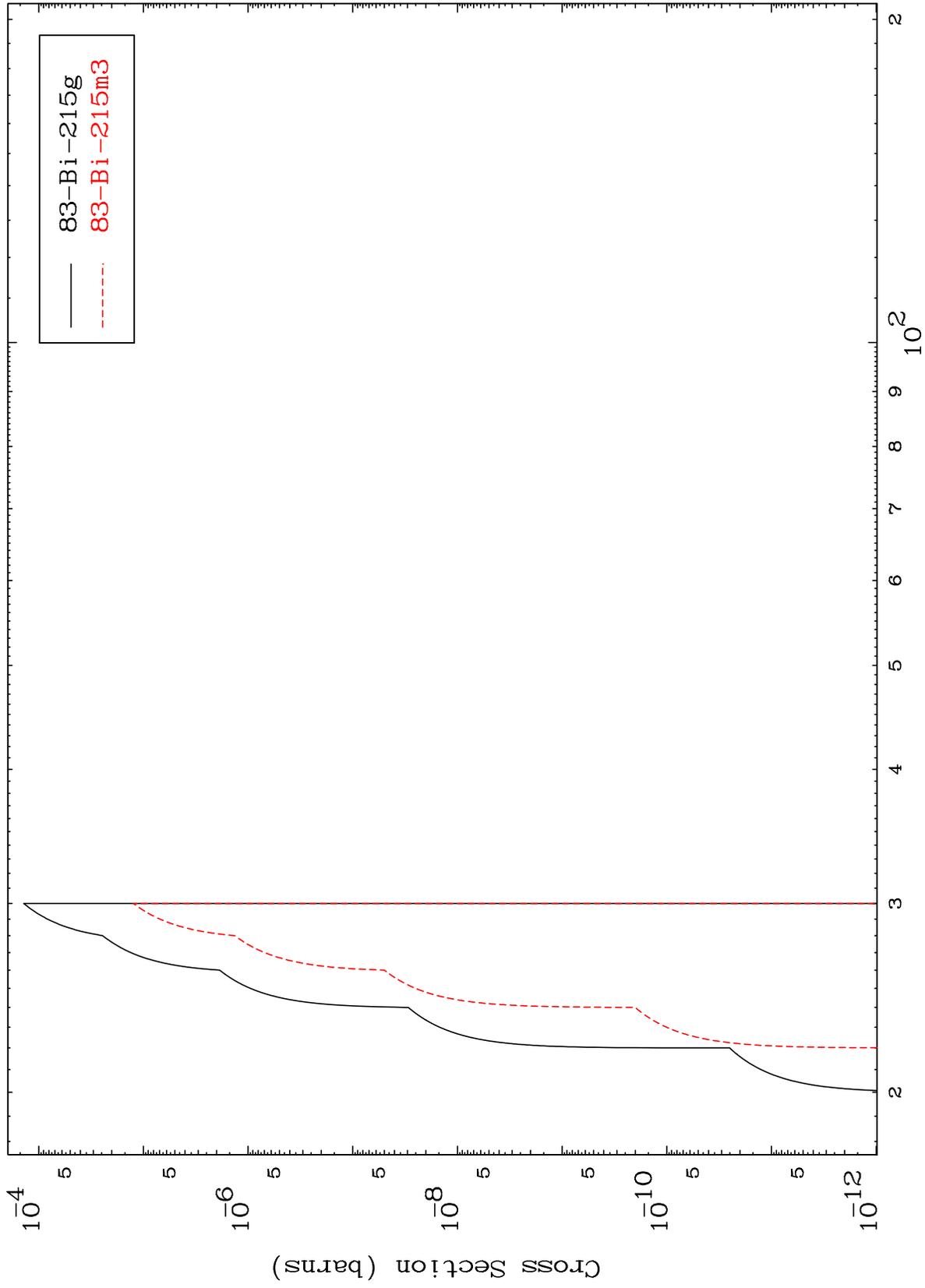
82-Pb-213

MAT 8252

$(\alpha, n')$  p

82-Pb-213

Radionuclide Production Cross Section



11

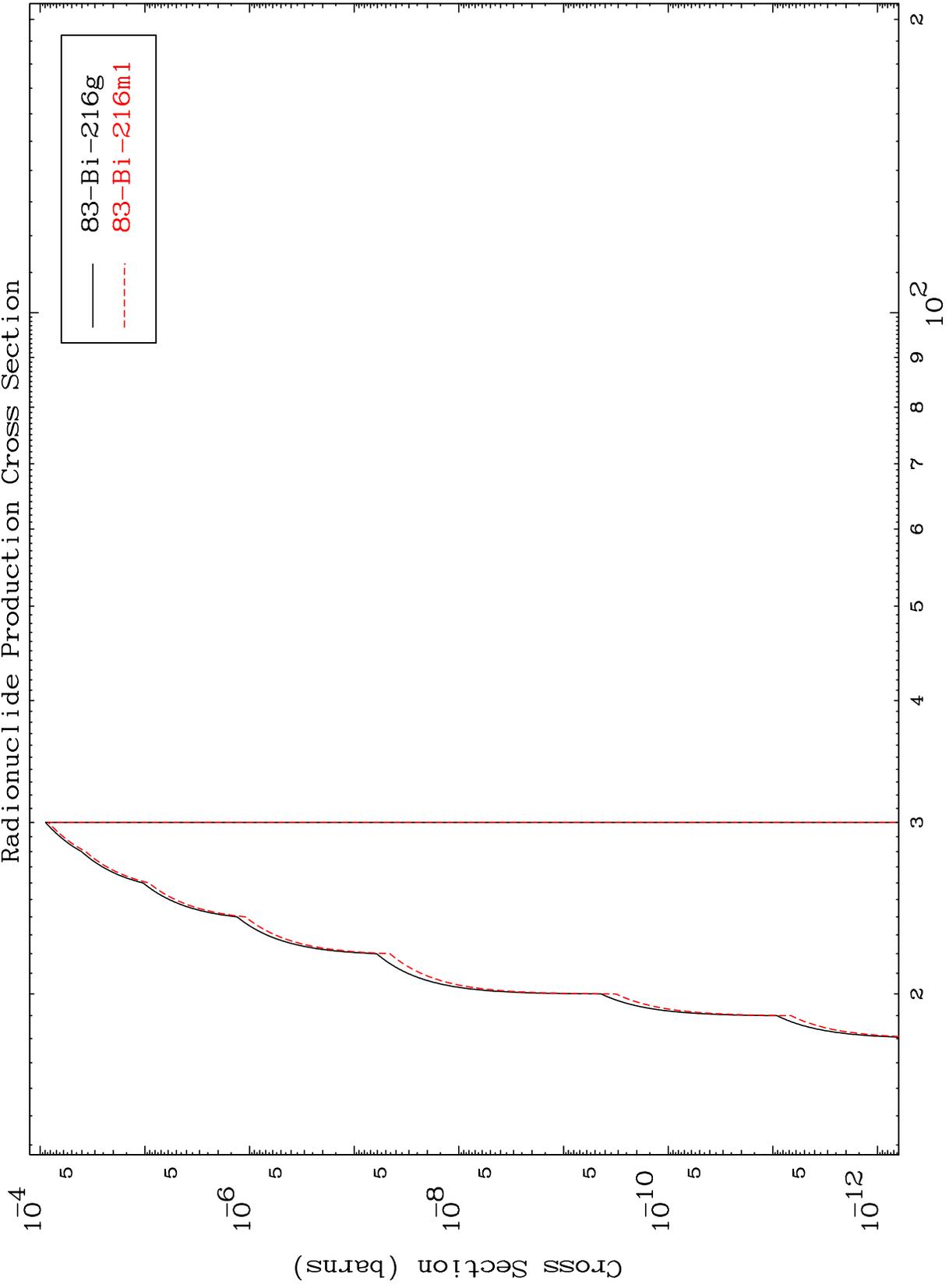
Incident Energy (MeV)

82-Pb-213

MAT 8252

82-Pb-213

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



12

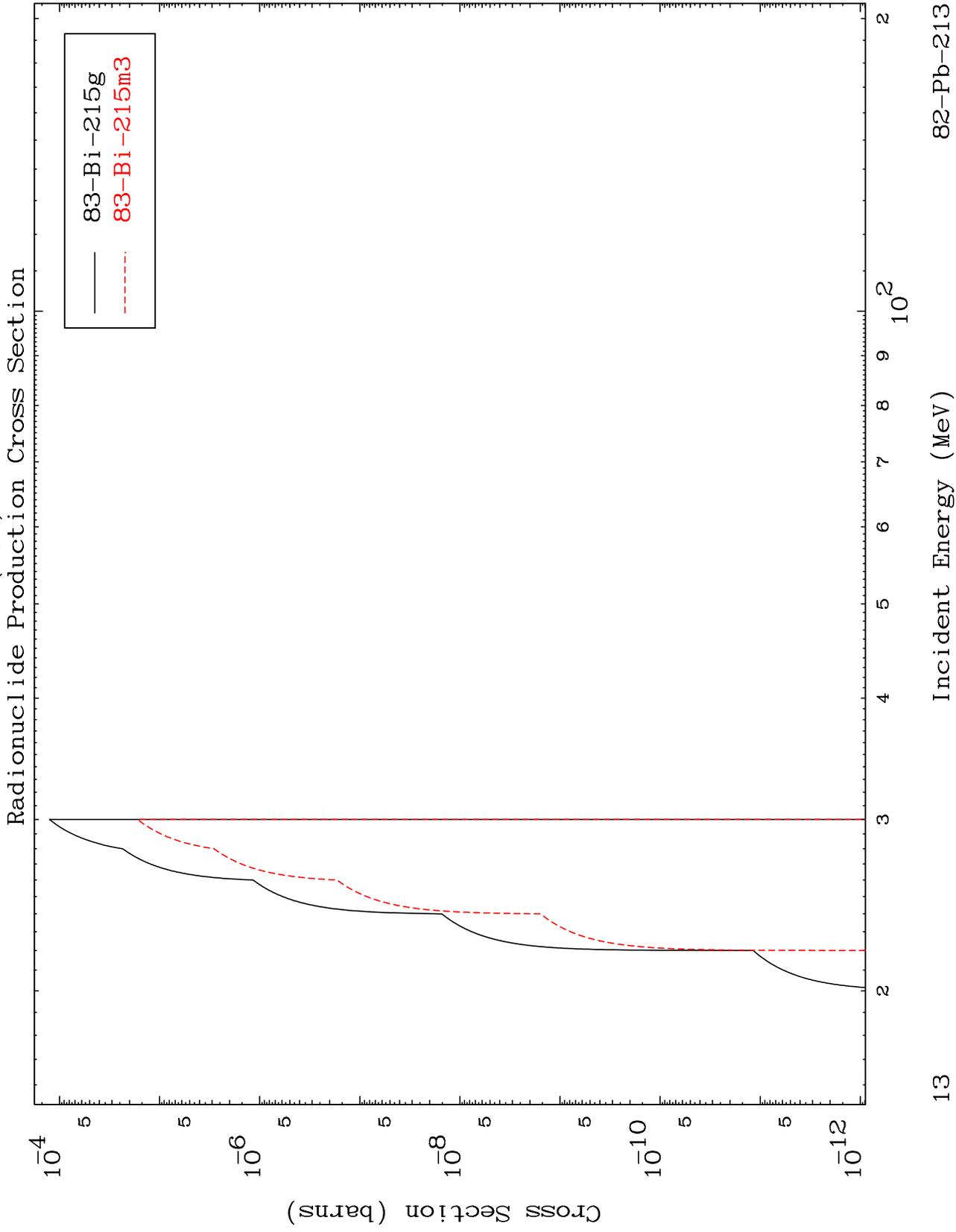
Incident Energy (MeV)

82-Pb-213

MAT 8252

( $\alpha, d$ )

82-Pb-213



13

82-Pb-213