

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

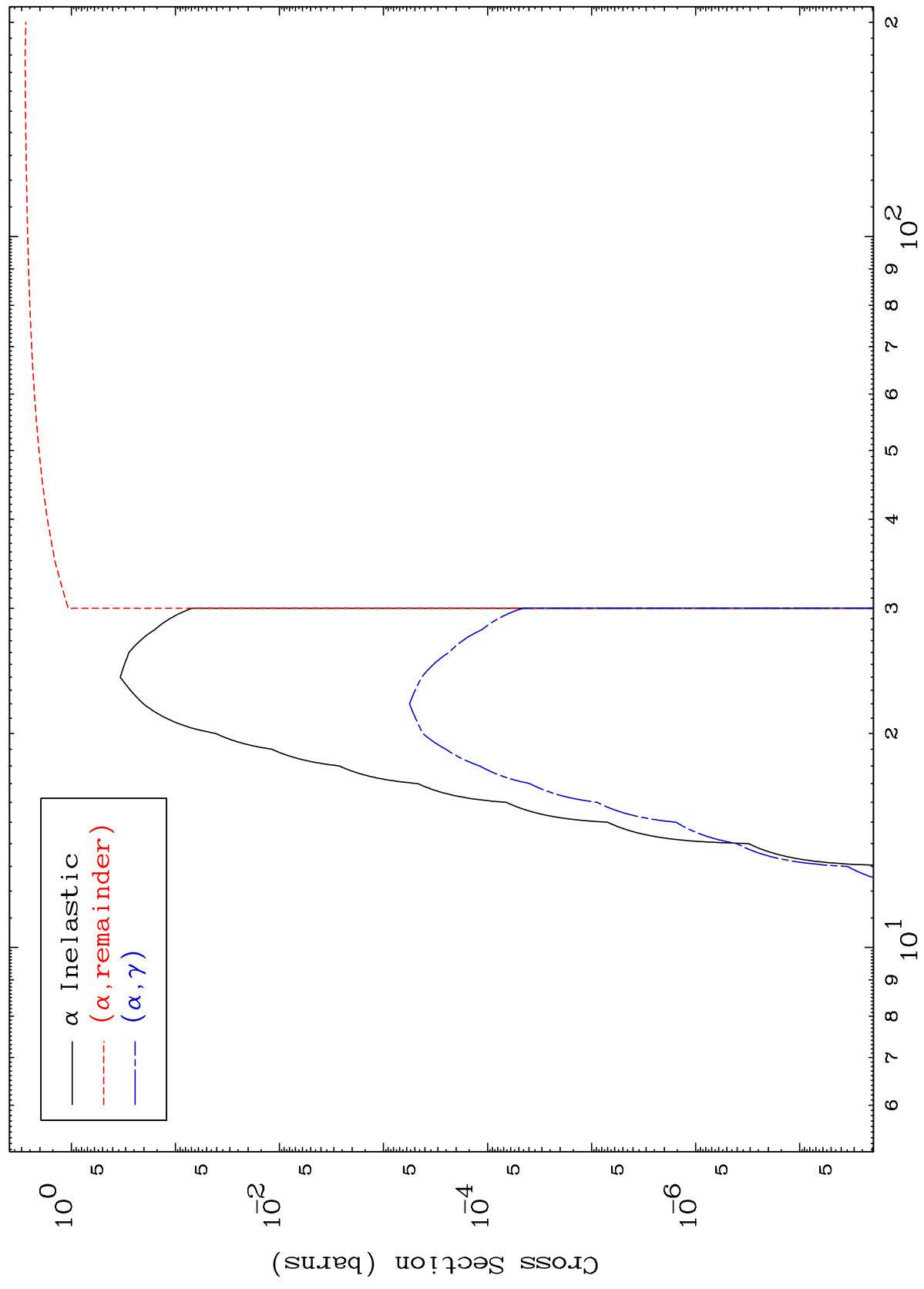
Press Mouse Button to Start

MAT 8216

0 Kelvin

$\alpha$  Major Cross Sections

82-Pb-201



1

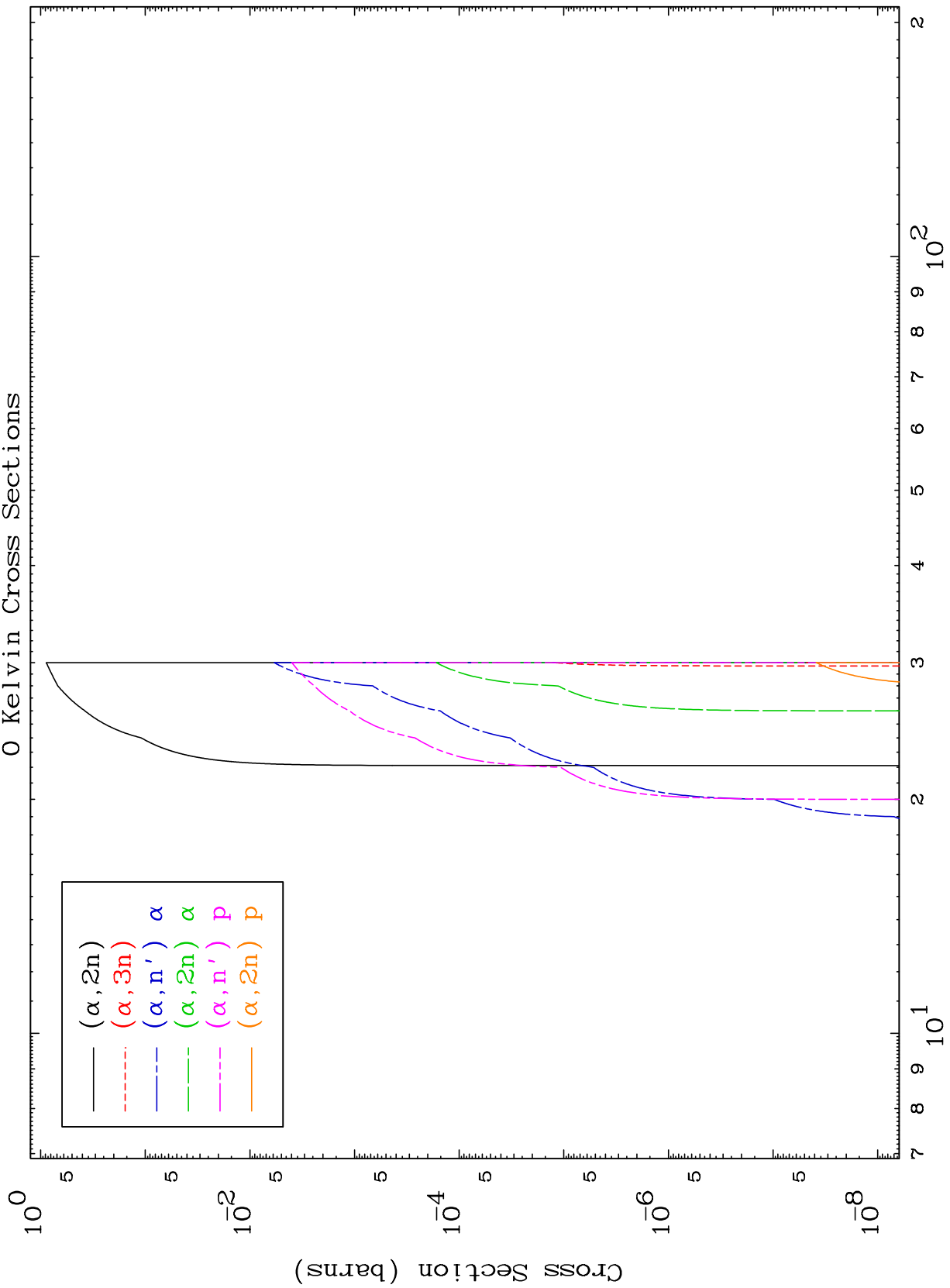
Incident Energy (MeV)

82-Pb-201

MAT 8216

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

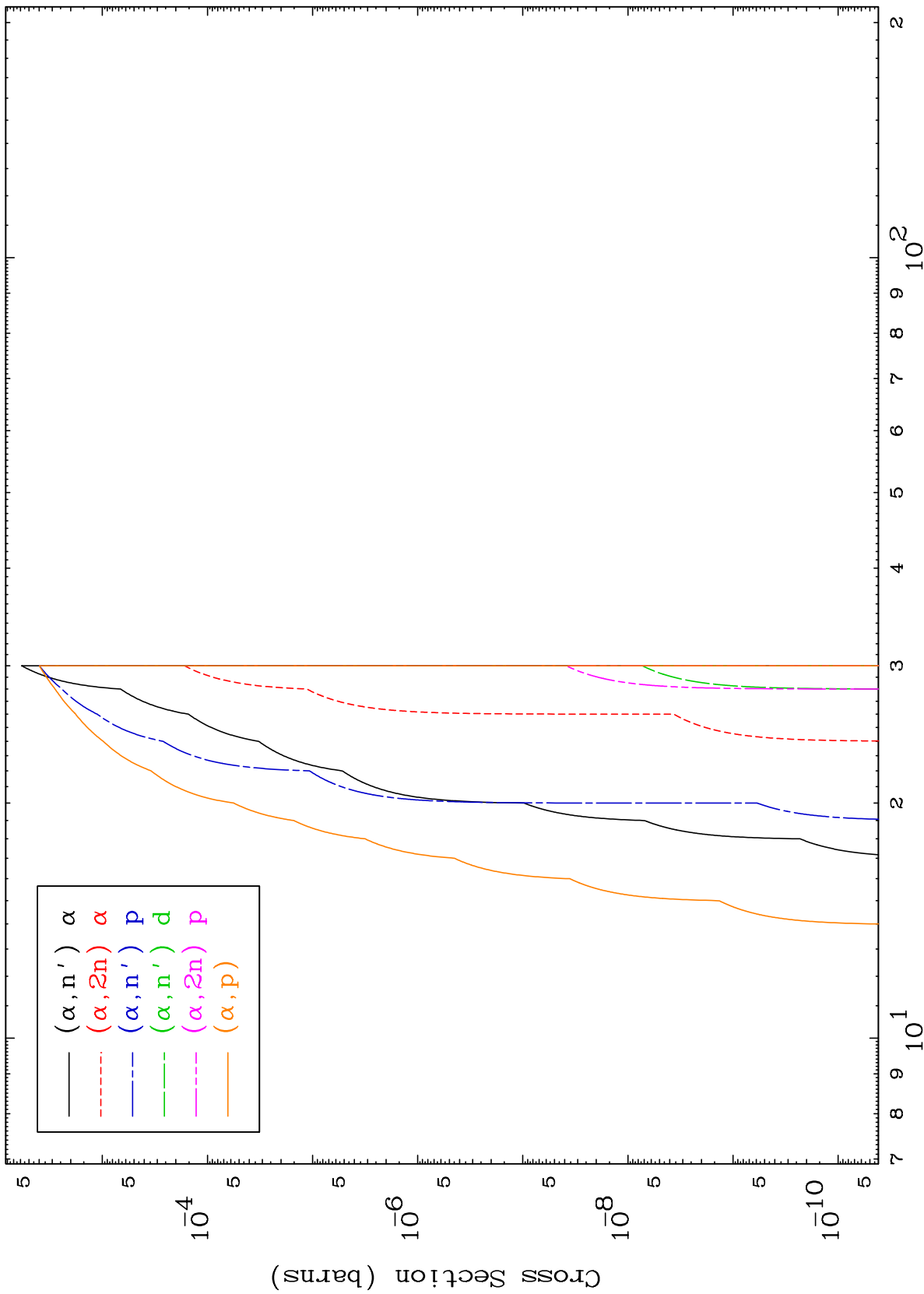
82-Pb-201



Incident Energy (MeV)

82-Pb-201

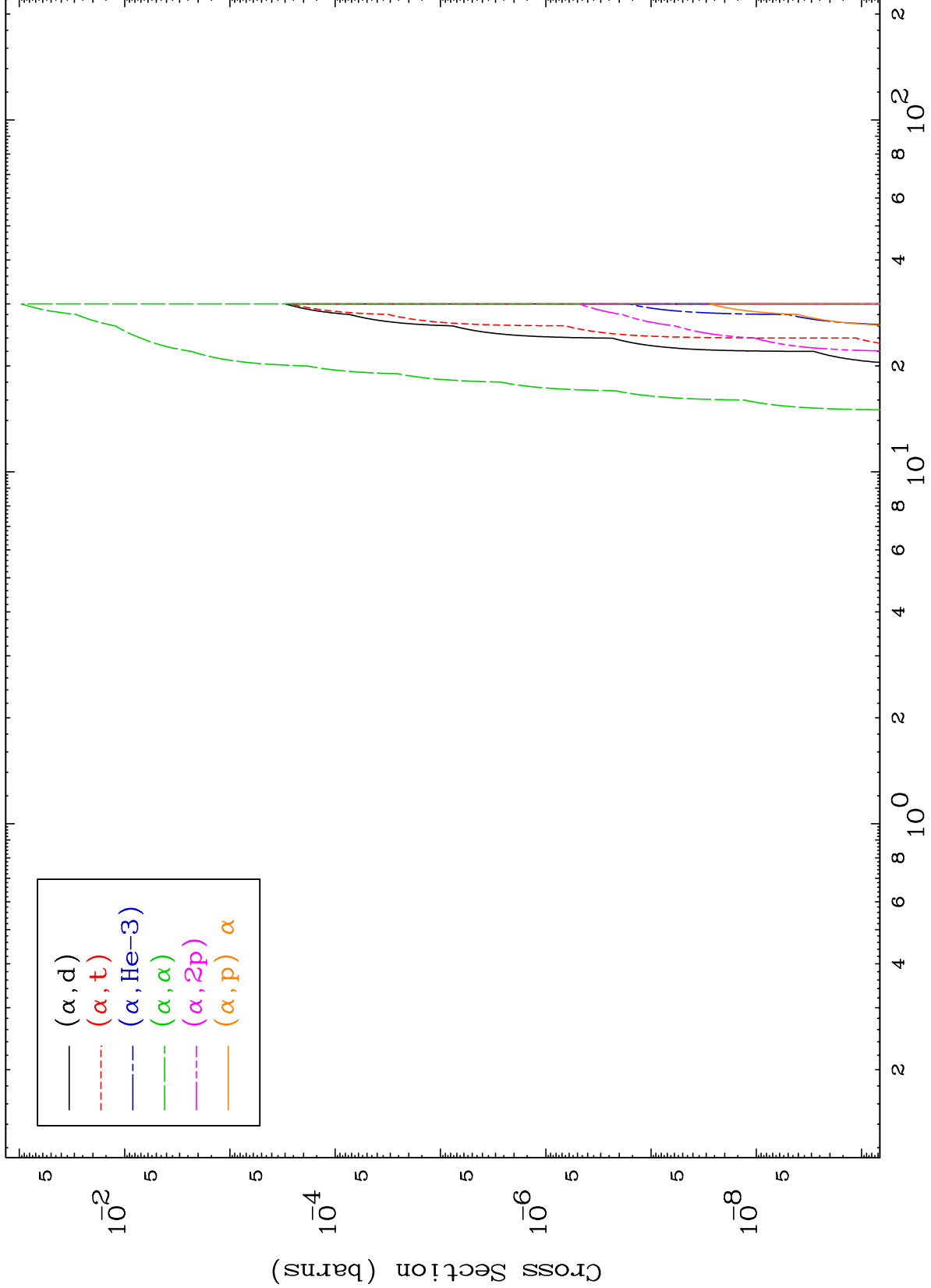
2



MAT 8216

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

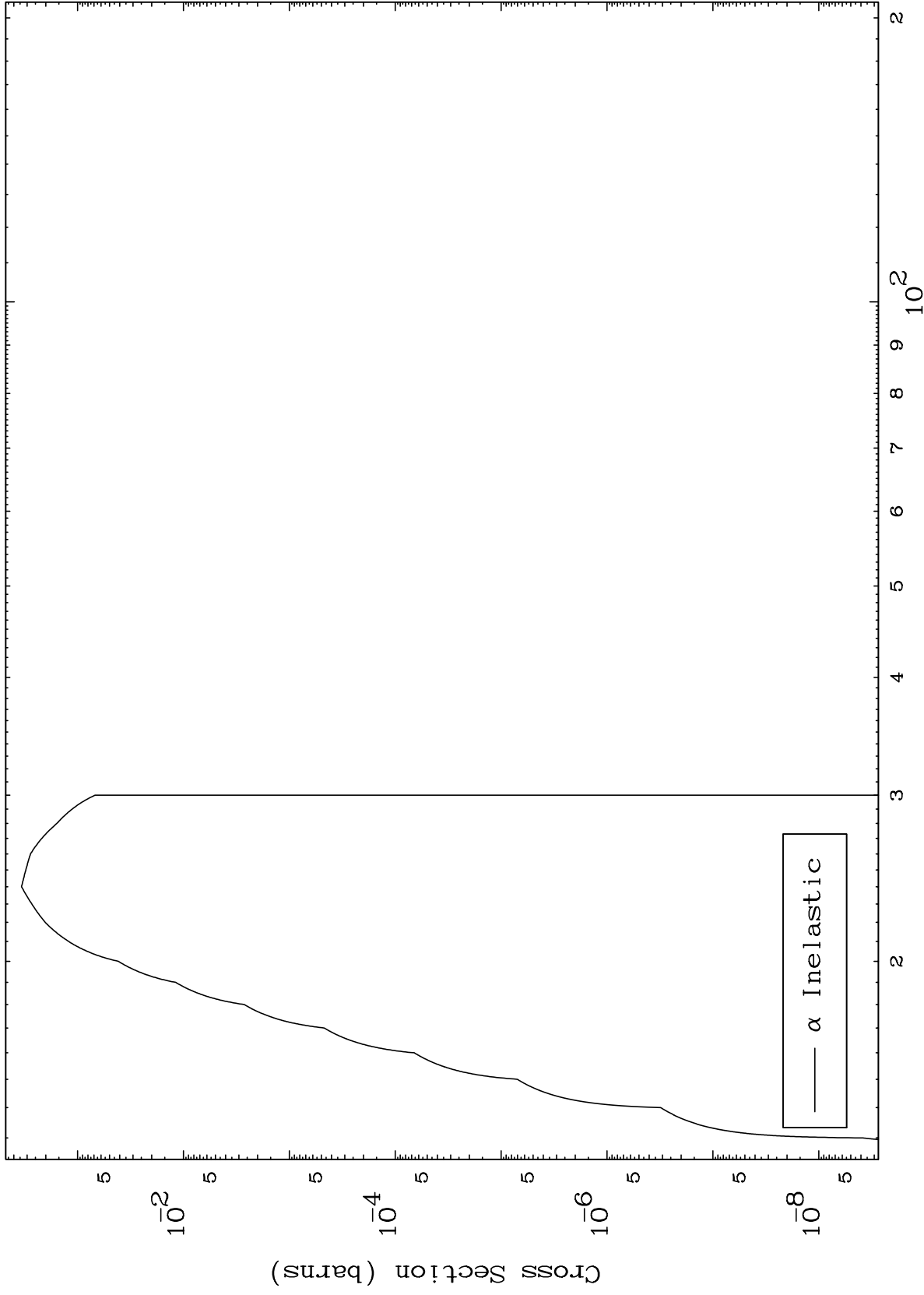
82-Pb-201



MAT 8216

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

82-Pb-201



5

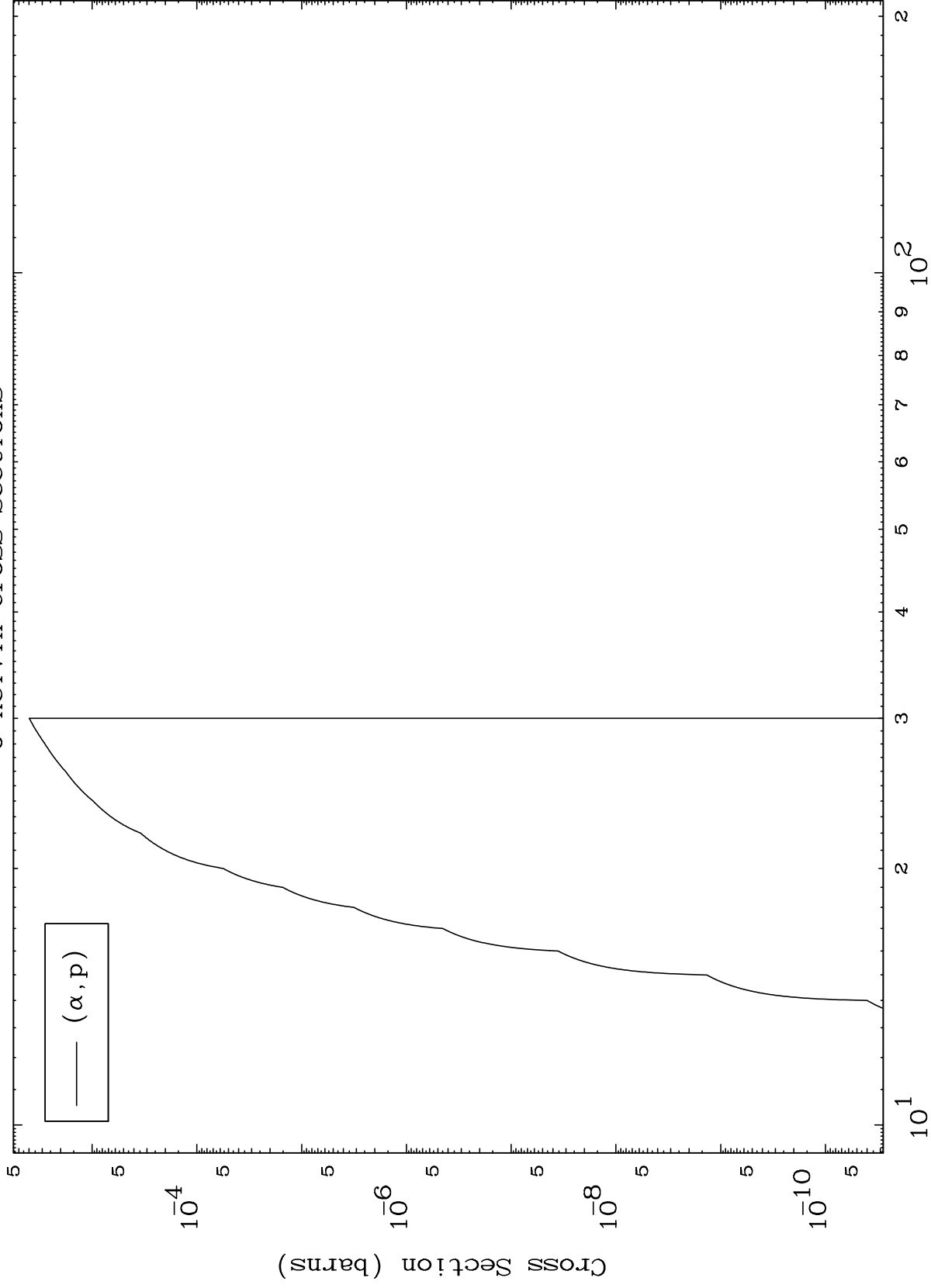
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



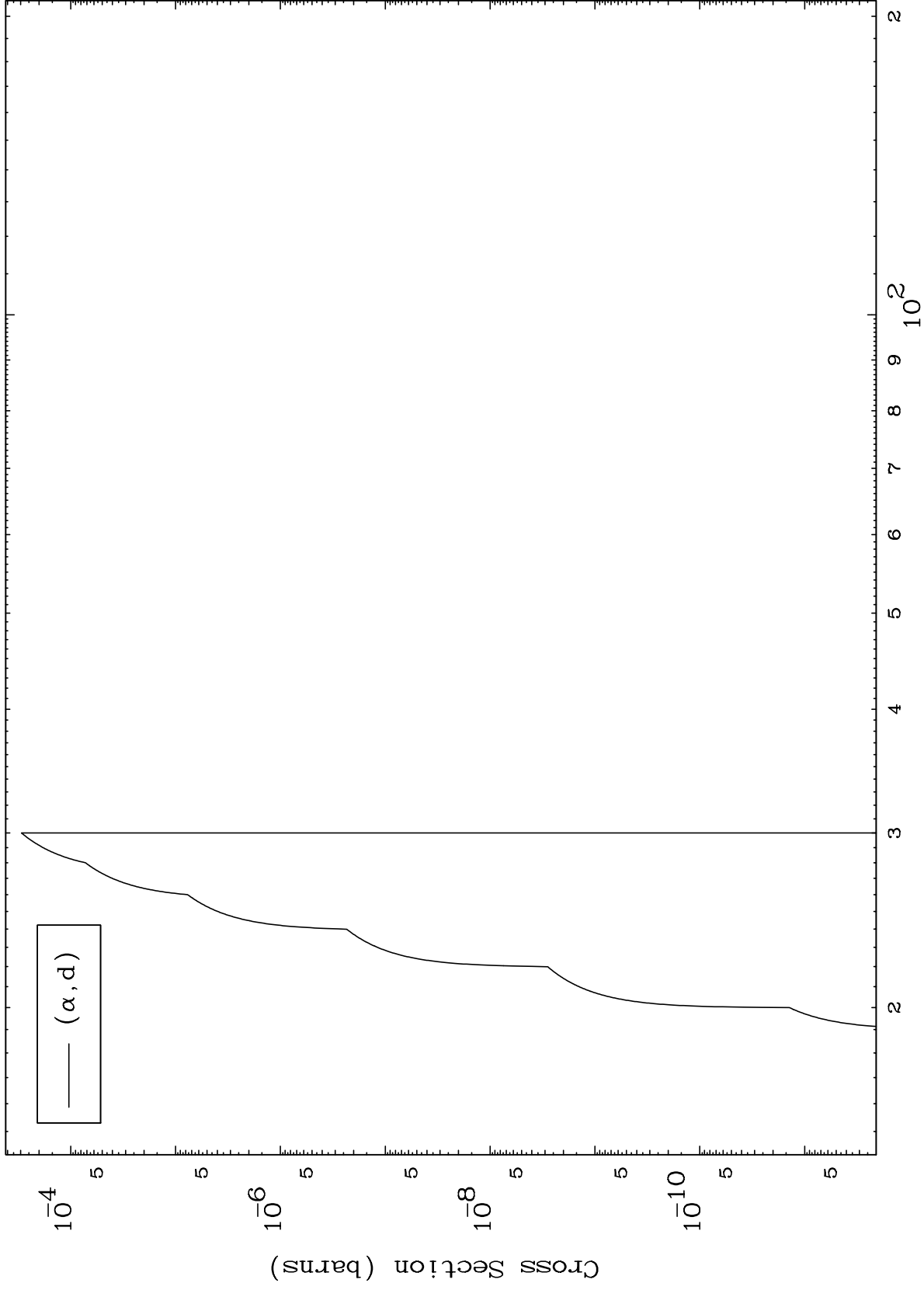
Incident Energy (MeV)

82-Pb-201

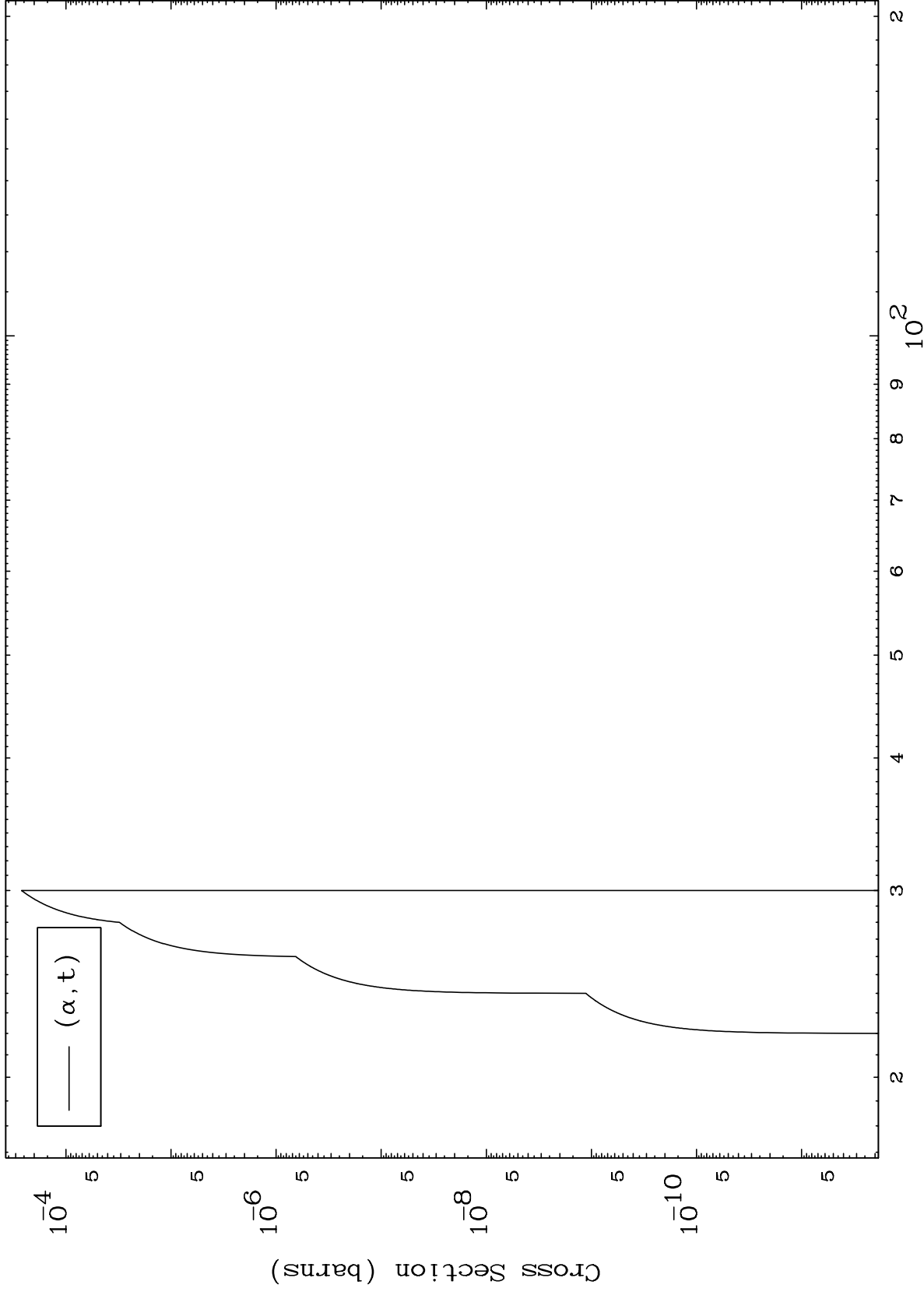
MAT 8216

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

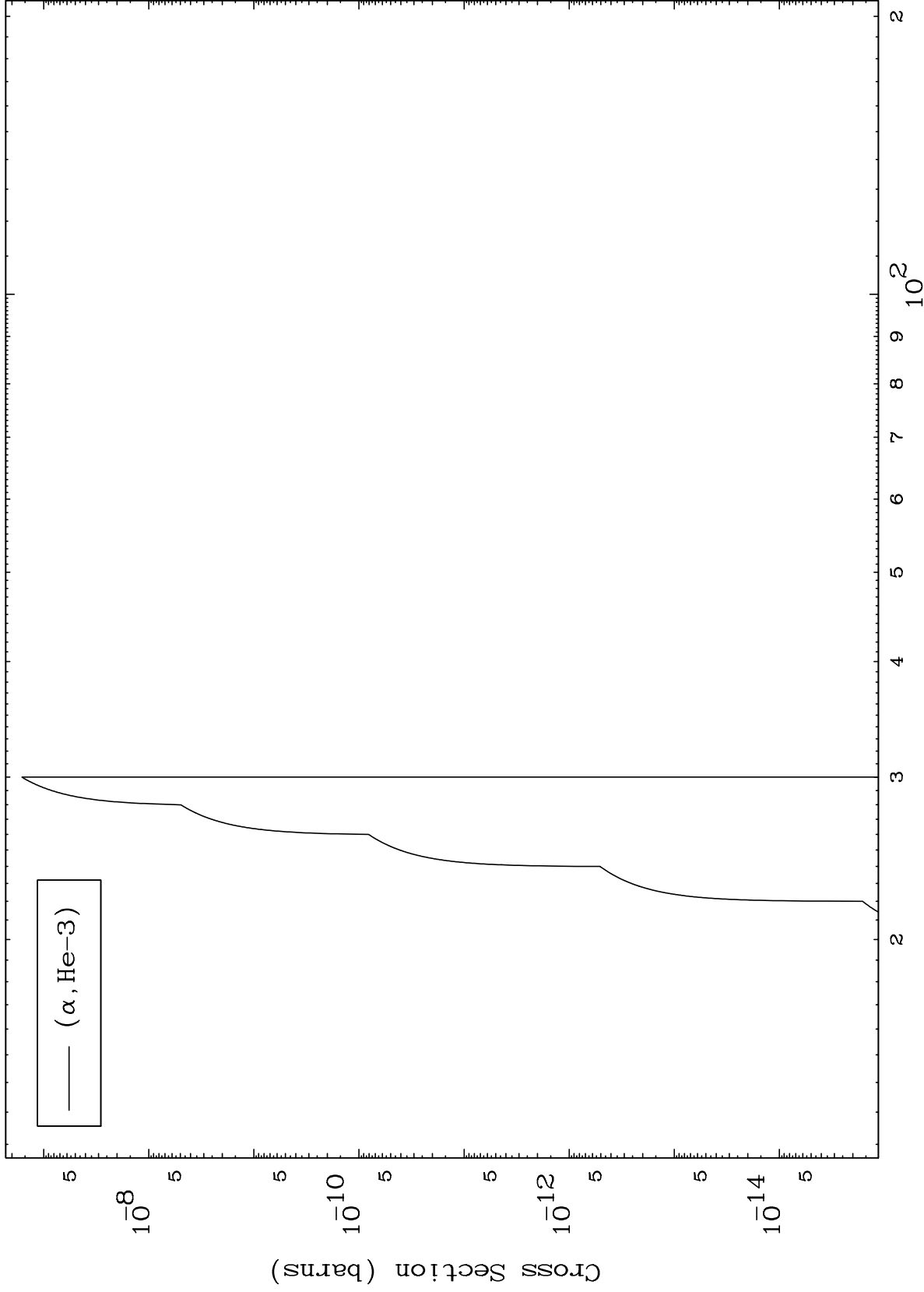
82-Pb-201







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

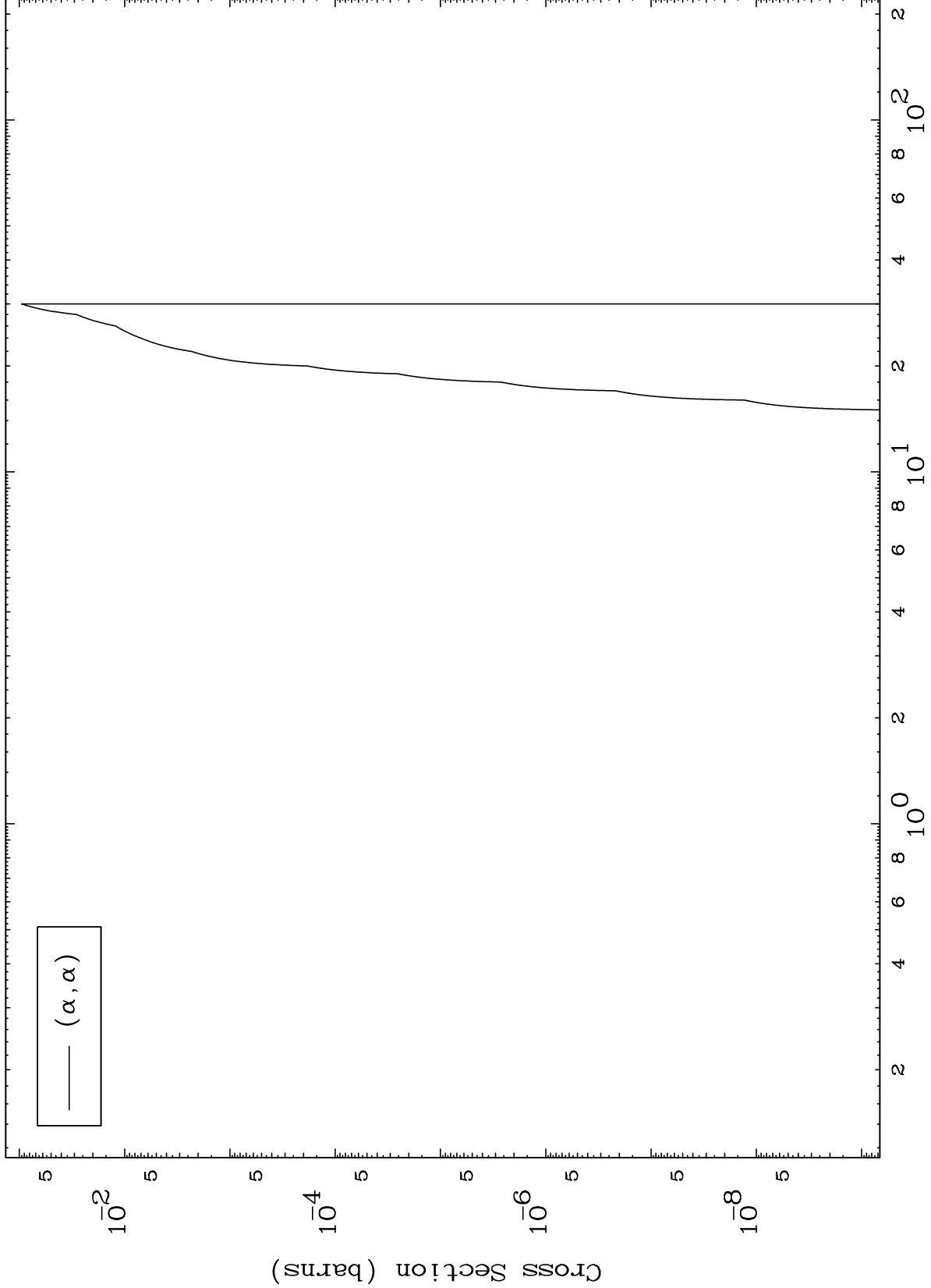


MAT 8216

( $\alpha, \alpha$ ) Levels

82-Pb-201

0 Kelvin Cross Sections



10

Incident Energy (MeV)

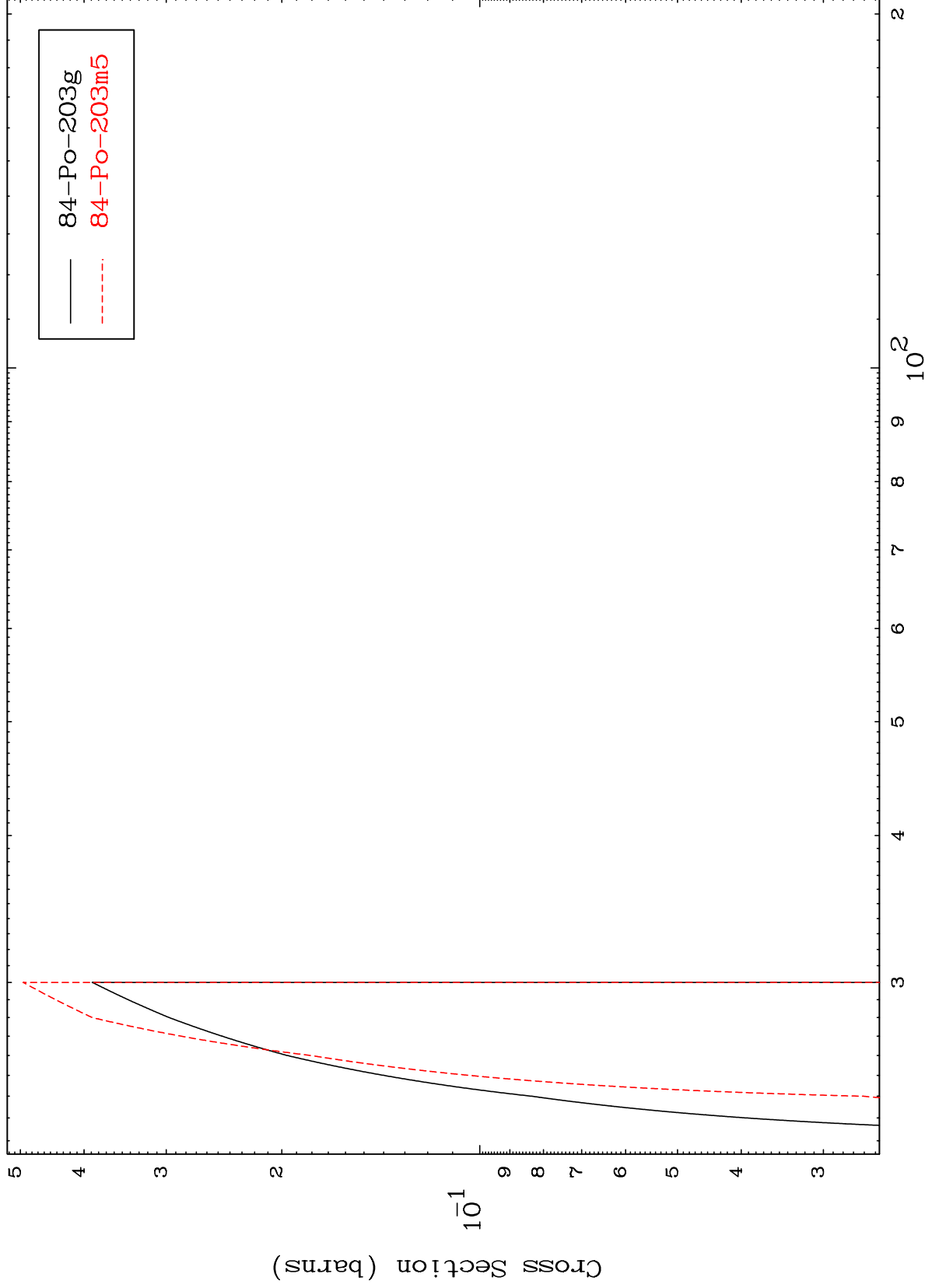
82-Pb-201

MAT 8216

( $\alpha, 2n$ )

82-Pb-201

Radionuclide Production Cross Section



11

Incident Energy (MeV)

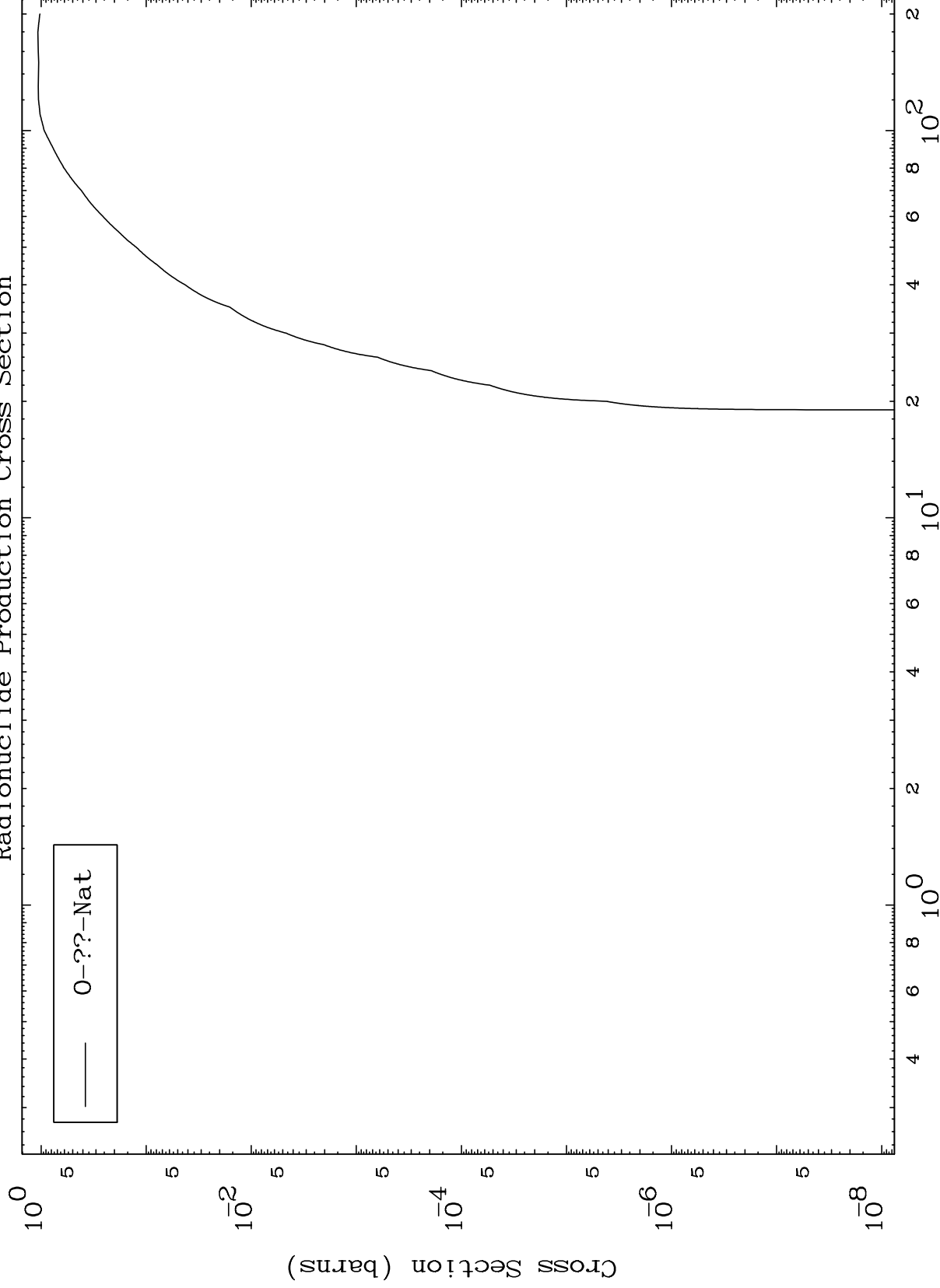
82-Pb-201

MAT 8216

$\alpha$  Fission

82-Pb-201

Radionuclide Production Cross Section



12

Incident Energy (MeV)

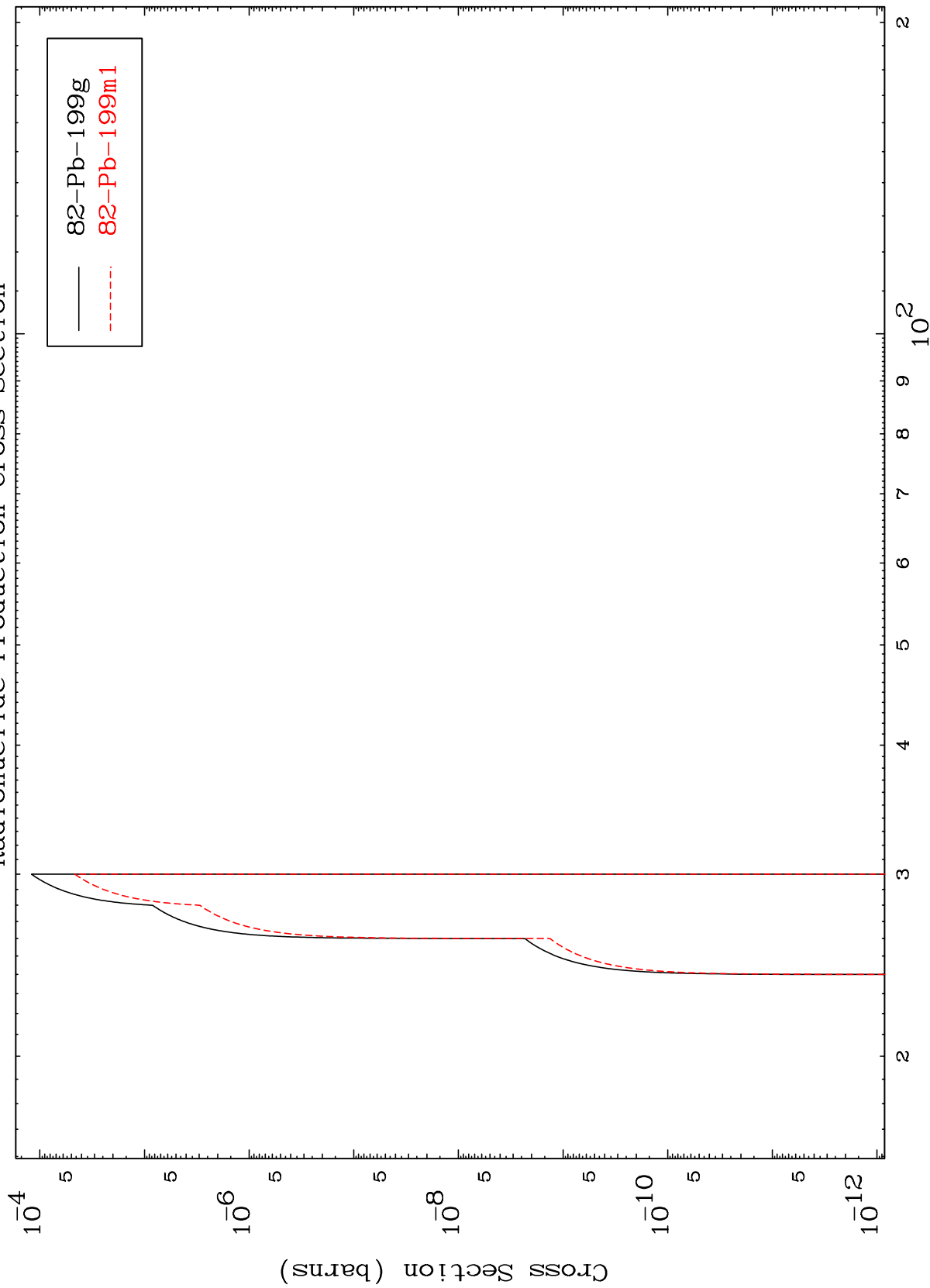
82-Pb-201

MAT 8216

$(\alpha, 2n) \alpha$

82-Pb-201

Radionuclide Production Cross Section



13

Incident Energy (MeV)

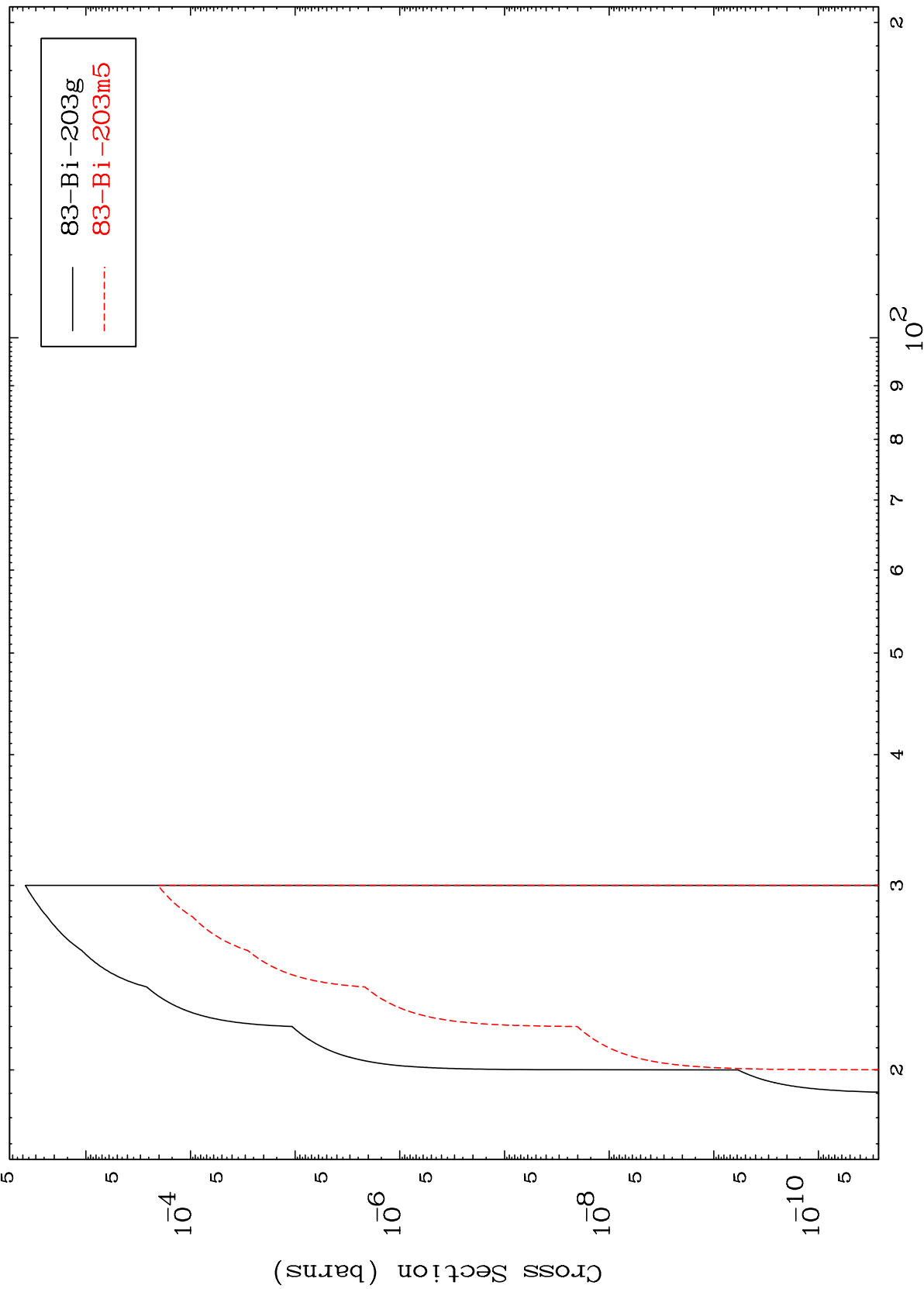
82-Pb-201

MAT 8216

$(\alpha, n')$  p

82-Pb-201

Radionuclide Production Cross Section



14

Incident Energy (MeV)

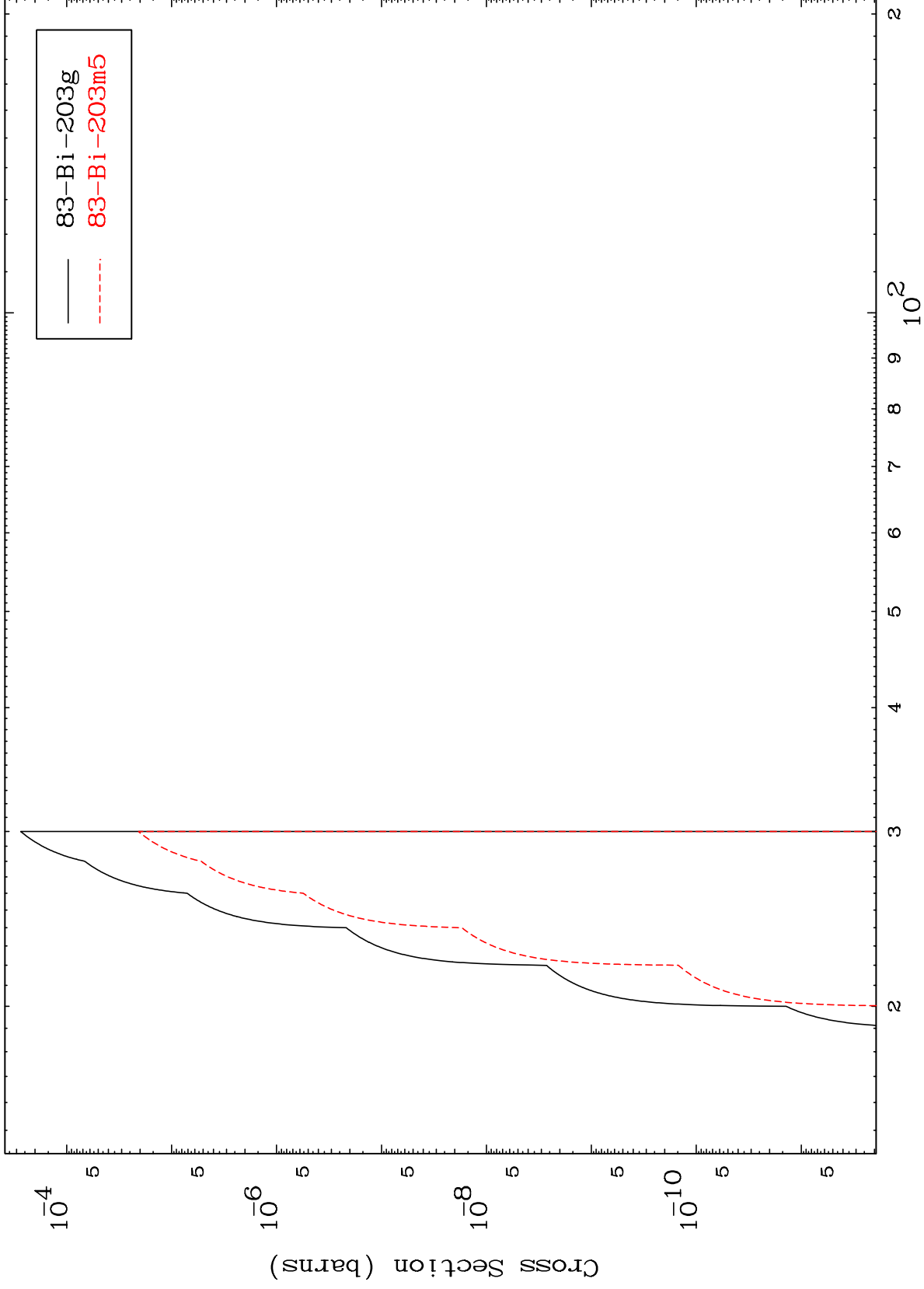
82-Pb-201

MAT 8216

( $\alpha, d$ )

82-Pb-201

Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-201

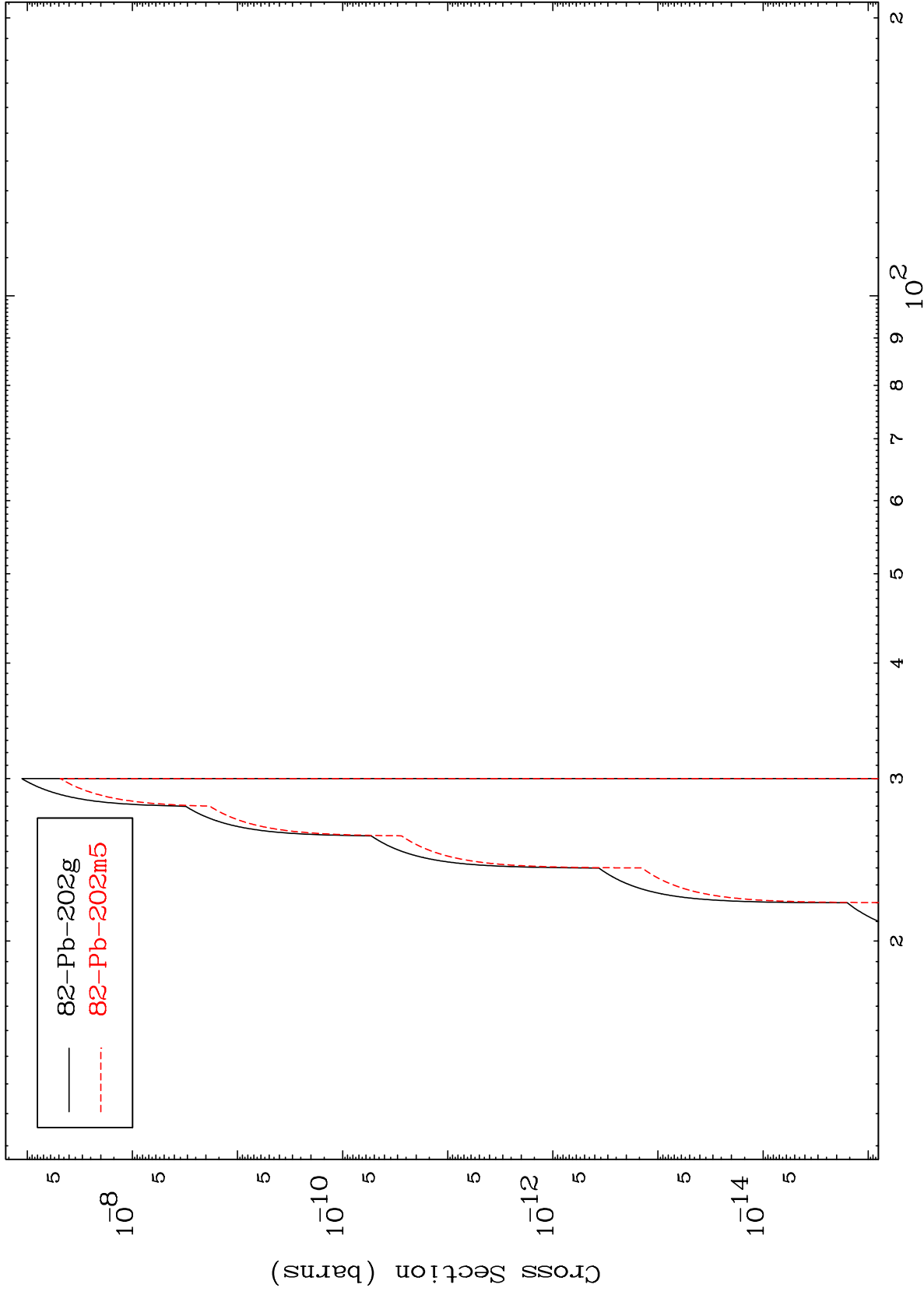


MAT 8216

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

82-Pb-201

Radionuclide Production Cross Section



16

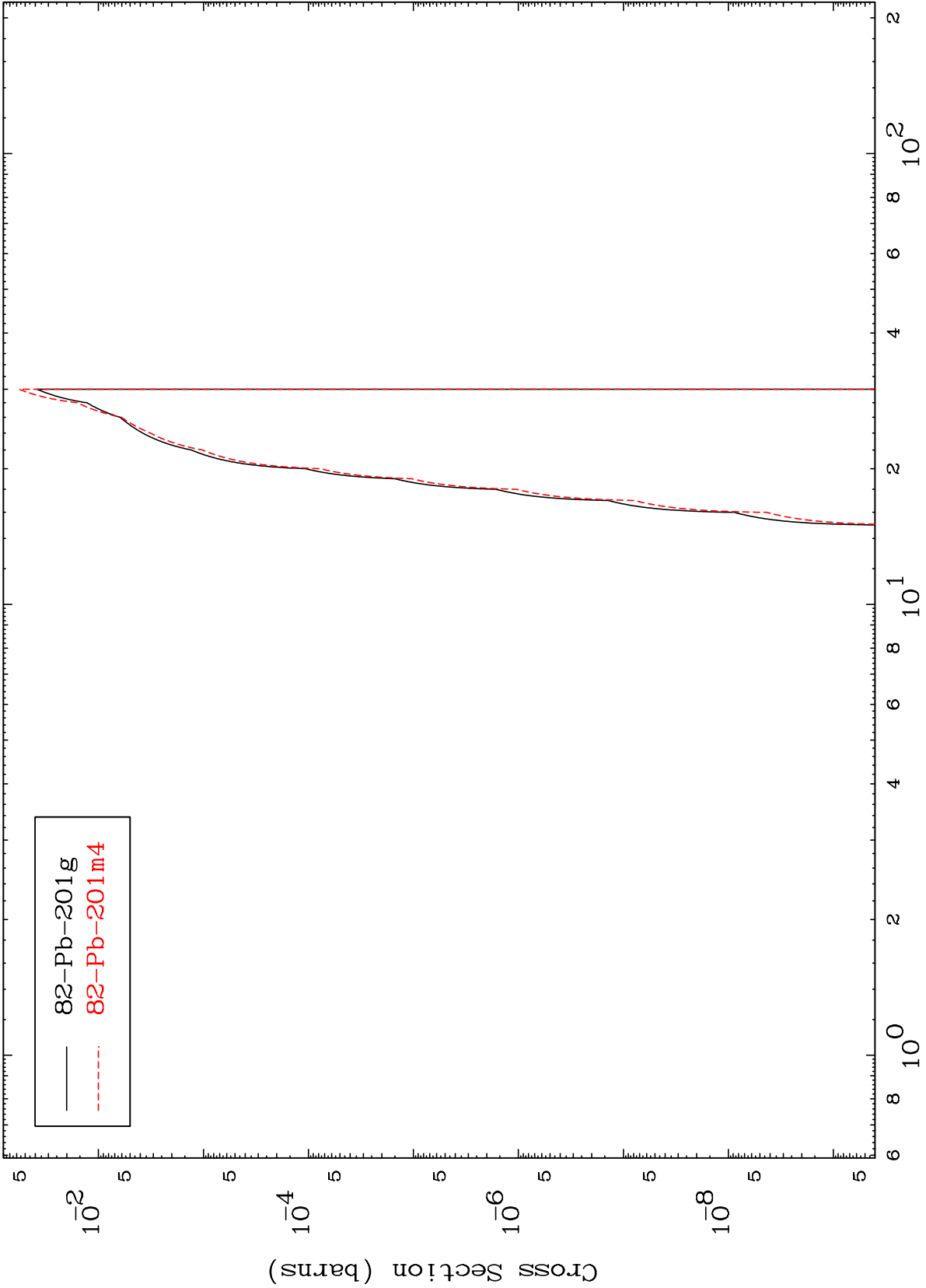
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

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



17

82-Pb-201

Incident Energy (MeV)

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

