

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

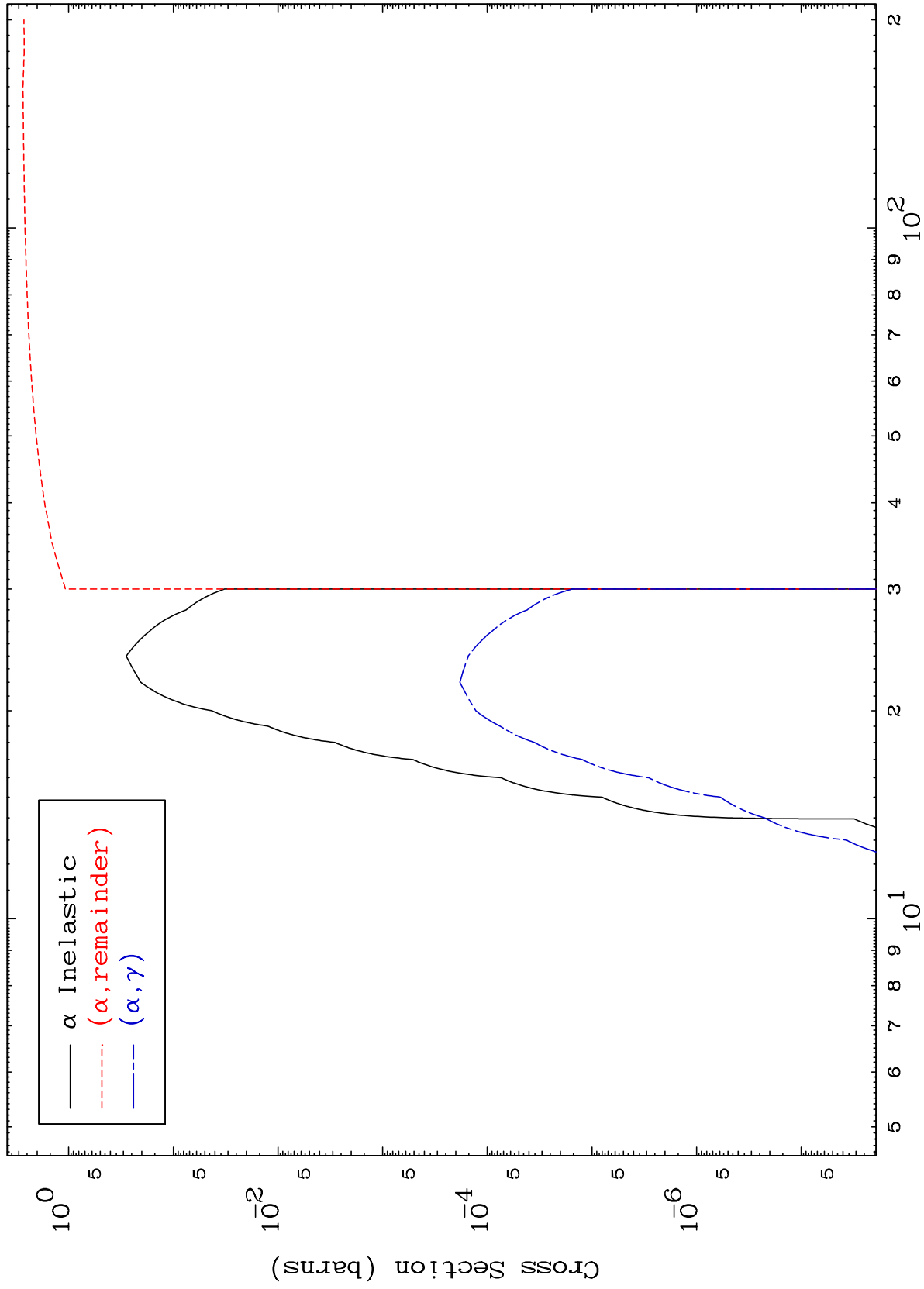
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8217

0 Kelvin α Major

82-Pb-201



1

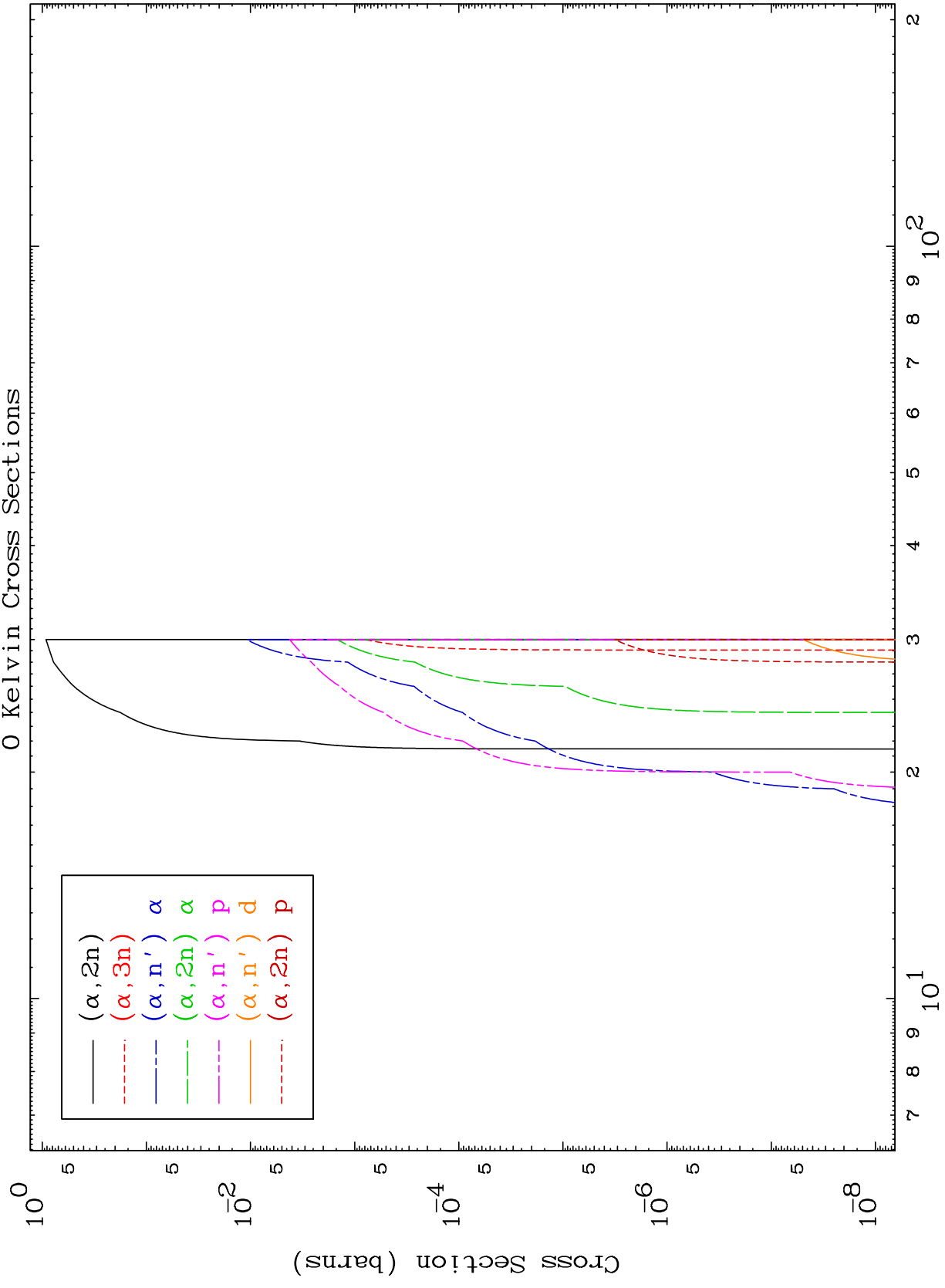
Incident Energy (MeV)

82-Pb-201

MAT 8217

α Neutron Production
0 Kelvin Cross Sections

82-Pb-201



2

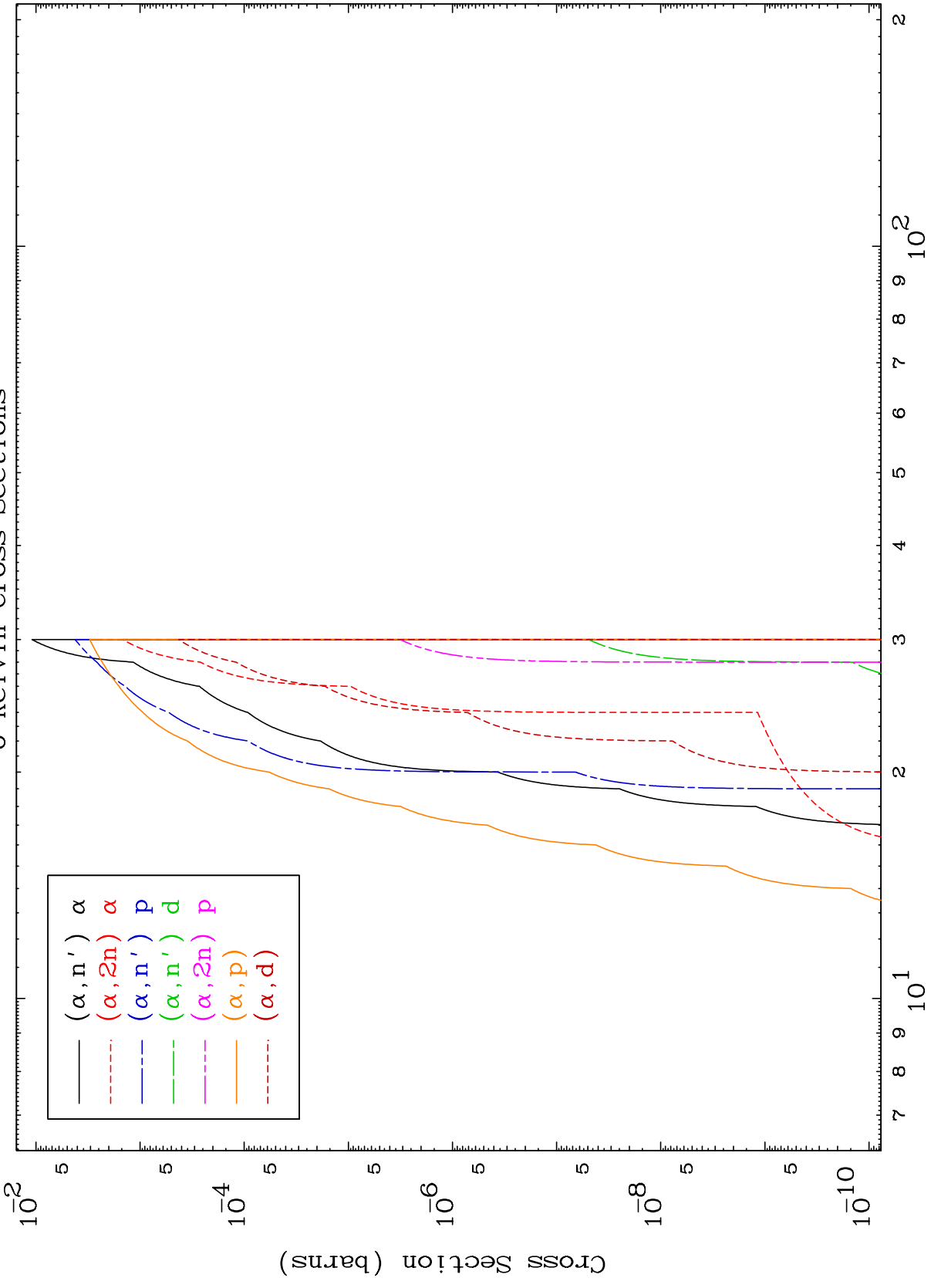
Incident Energy (MeV)

82-Pb-201

MAT 8217

α Charged Particle
0 Kelvin Cross Sections

82-Pb-201



3

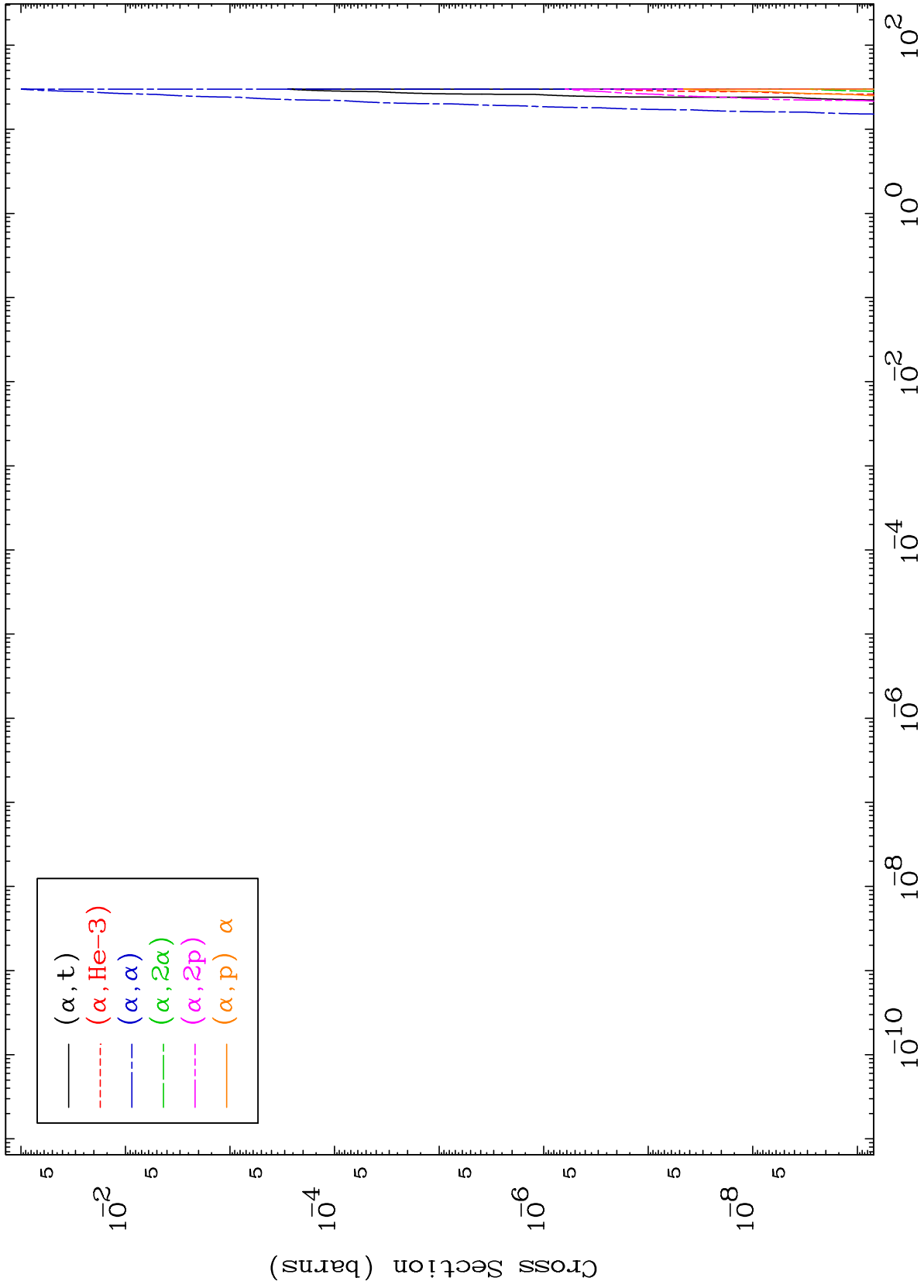
Incident Energy (MeV)

82-Pb-201

MAT 8217

α Charged Particle
0 Kelvin Cross Sections

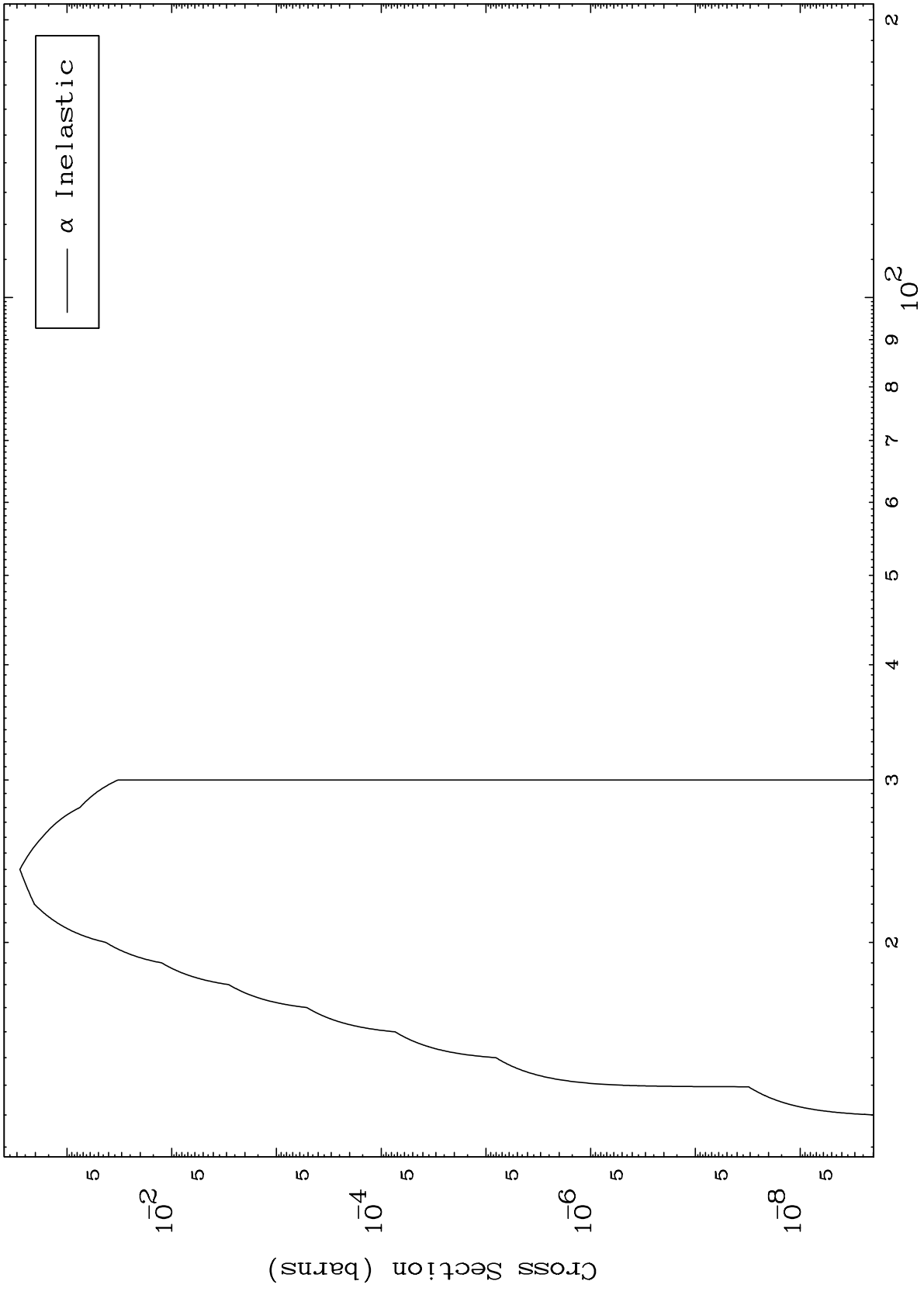
82-Pb-201



MAT 8217

(α, n') Level
0 Kelvin Cross Sections

82-Pb-201



5

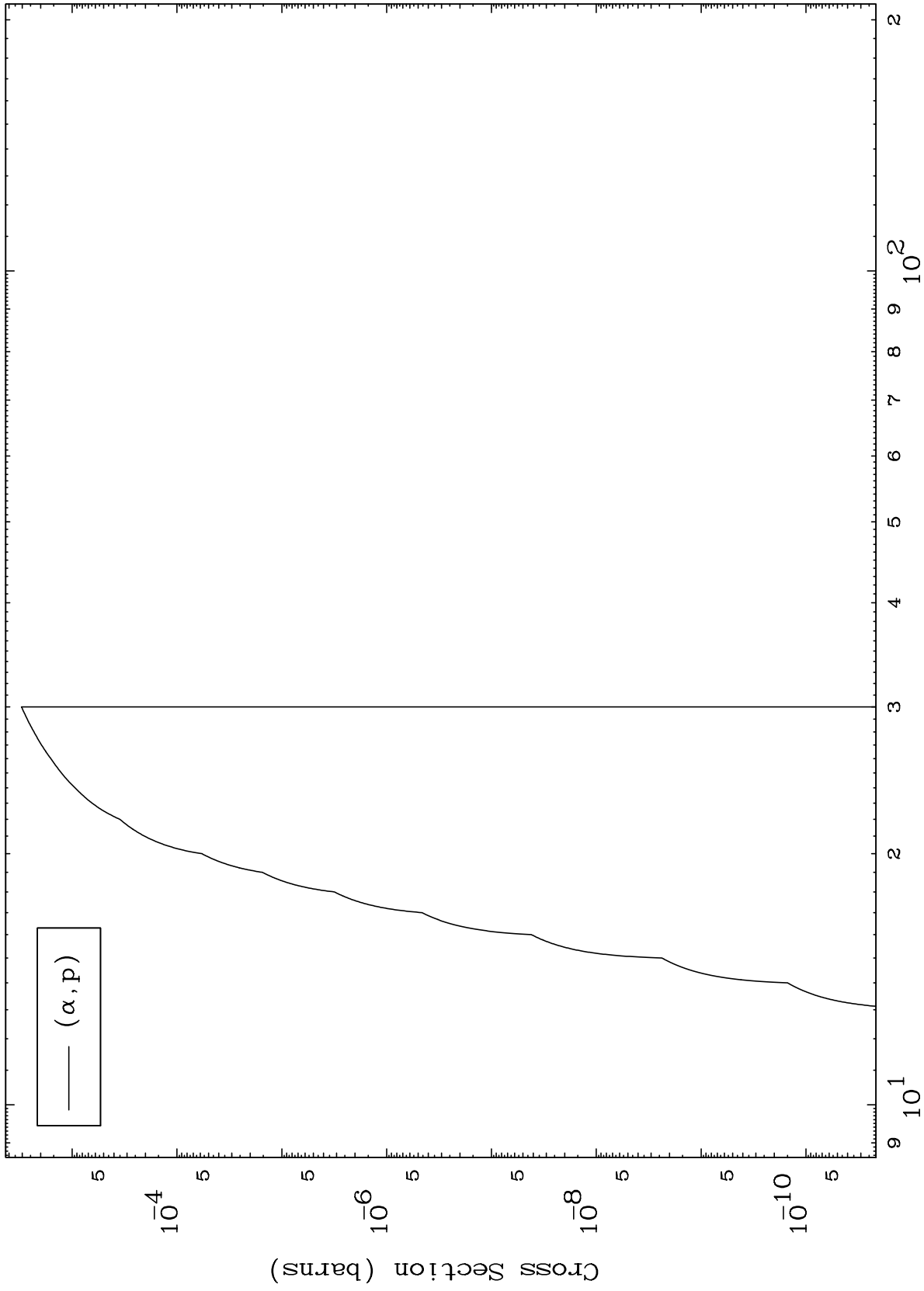
Incident Energy (MeV)

82-Pb-201

MAT 8217

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-201



6

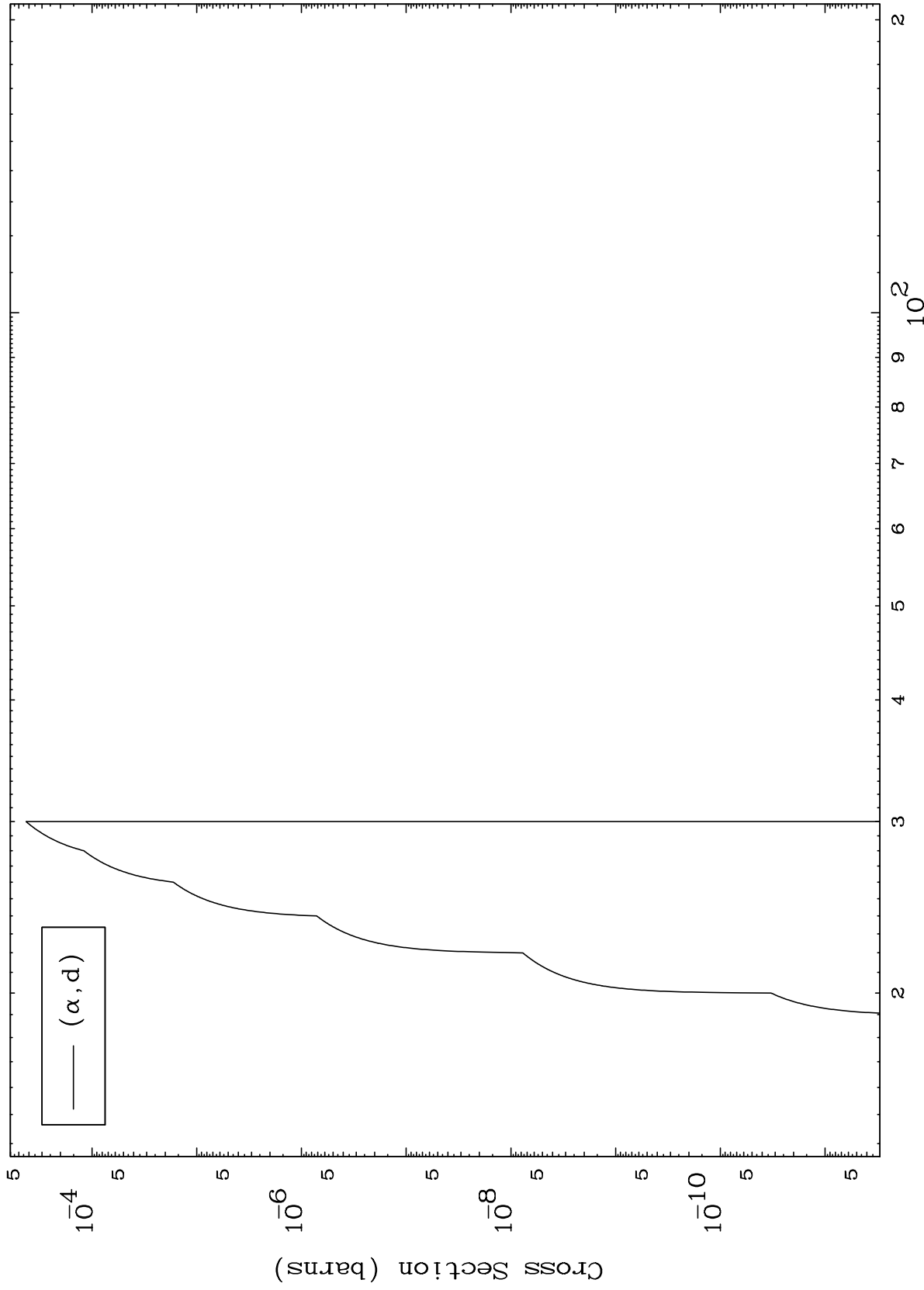
Incident Energy (MeV)

82-Pb-201

MAT 8217

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-201



7

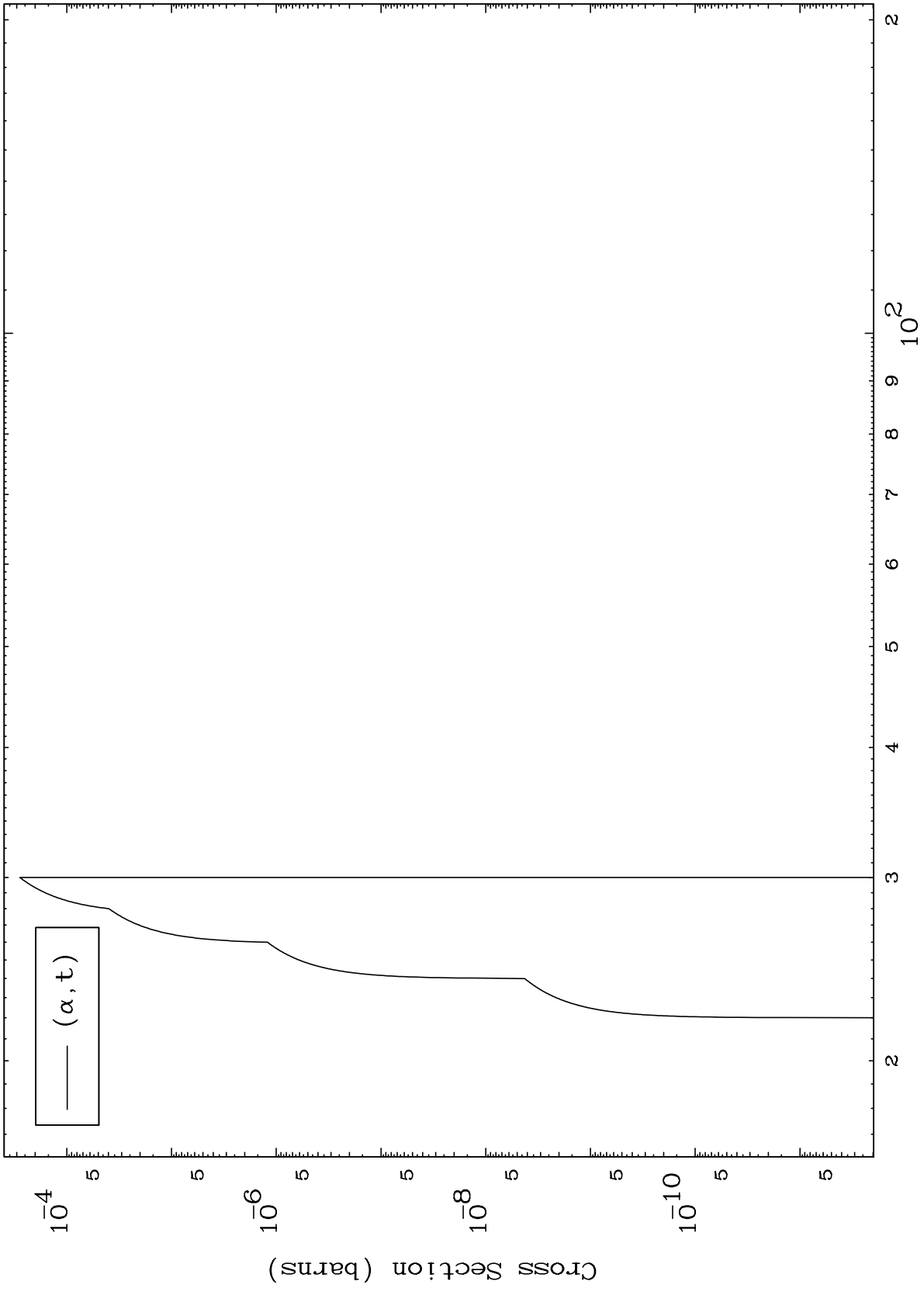
Incident Energy (MeV)

82-Pb-201

MAT 8217

(α, t) Levels
0 Kelvin Cross Sections

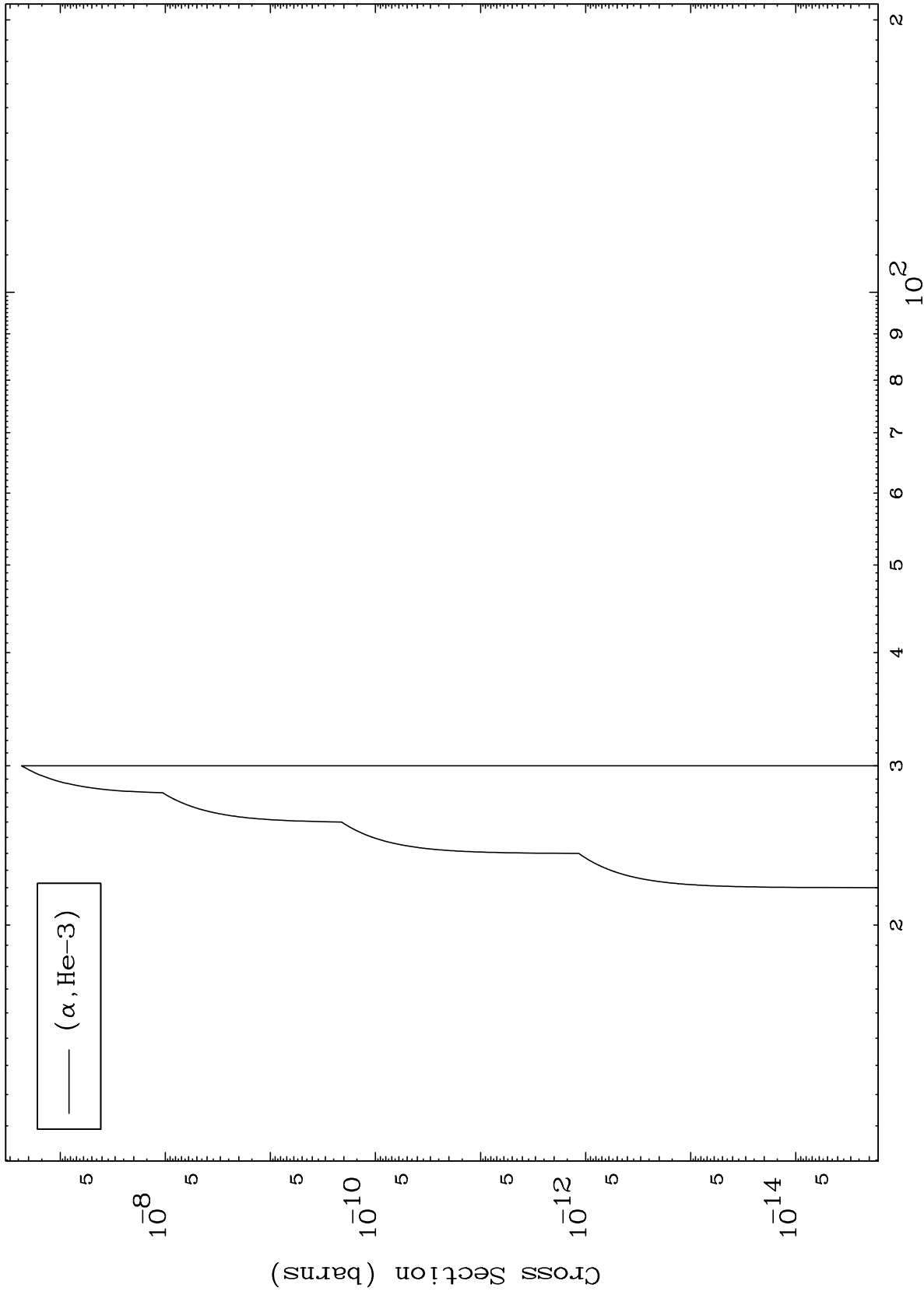
82-Pb-201



8

Incident Energy (MeV)

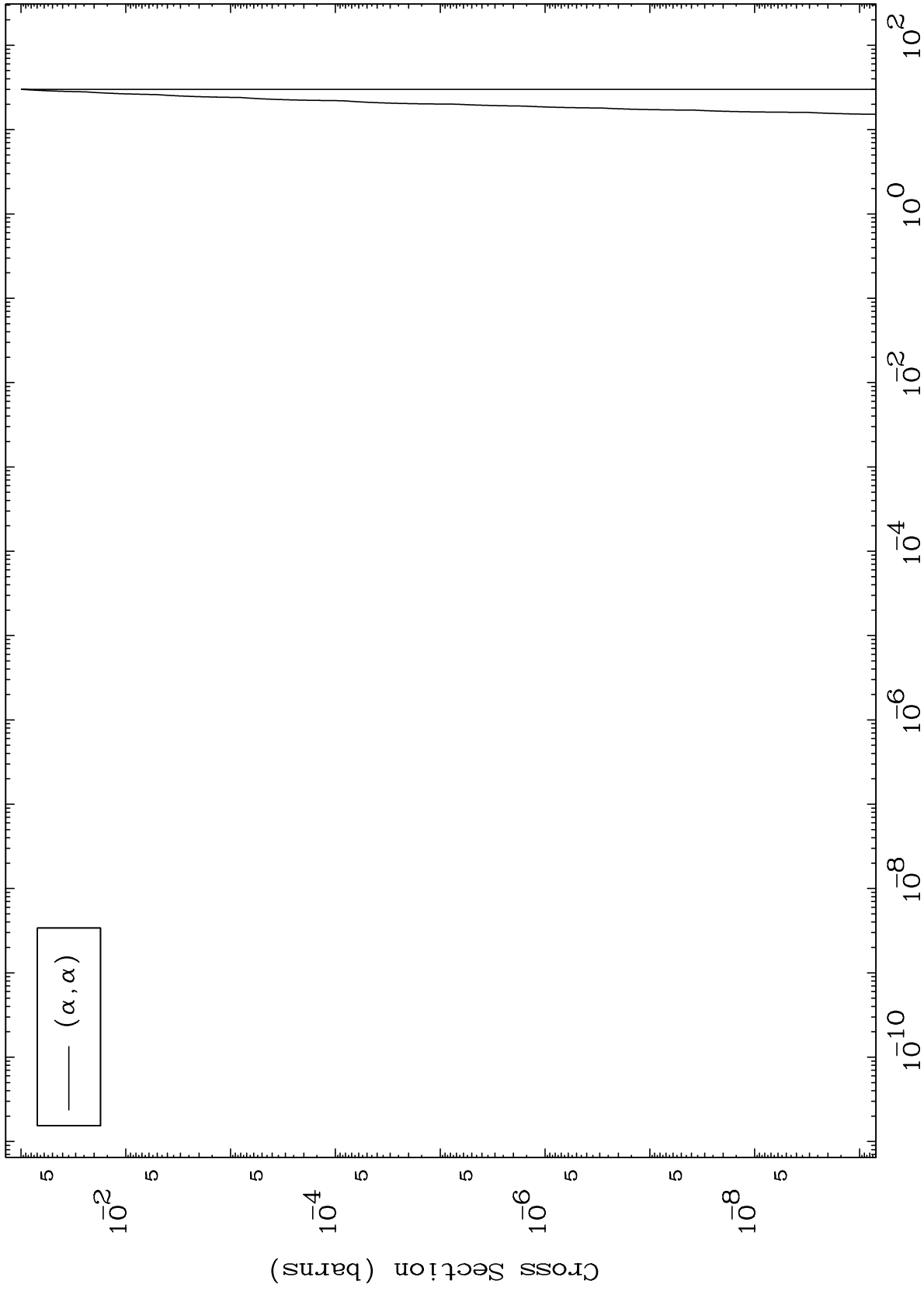
82-Pb-201



MAT 8217

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-201



10

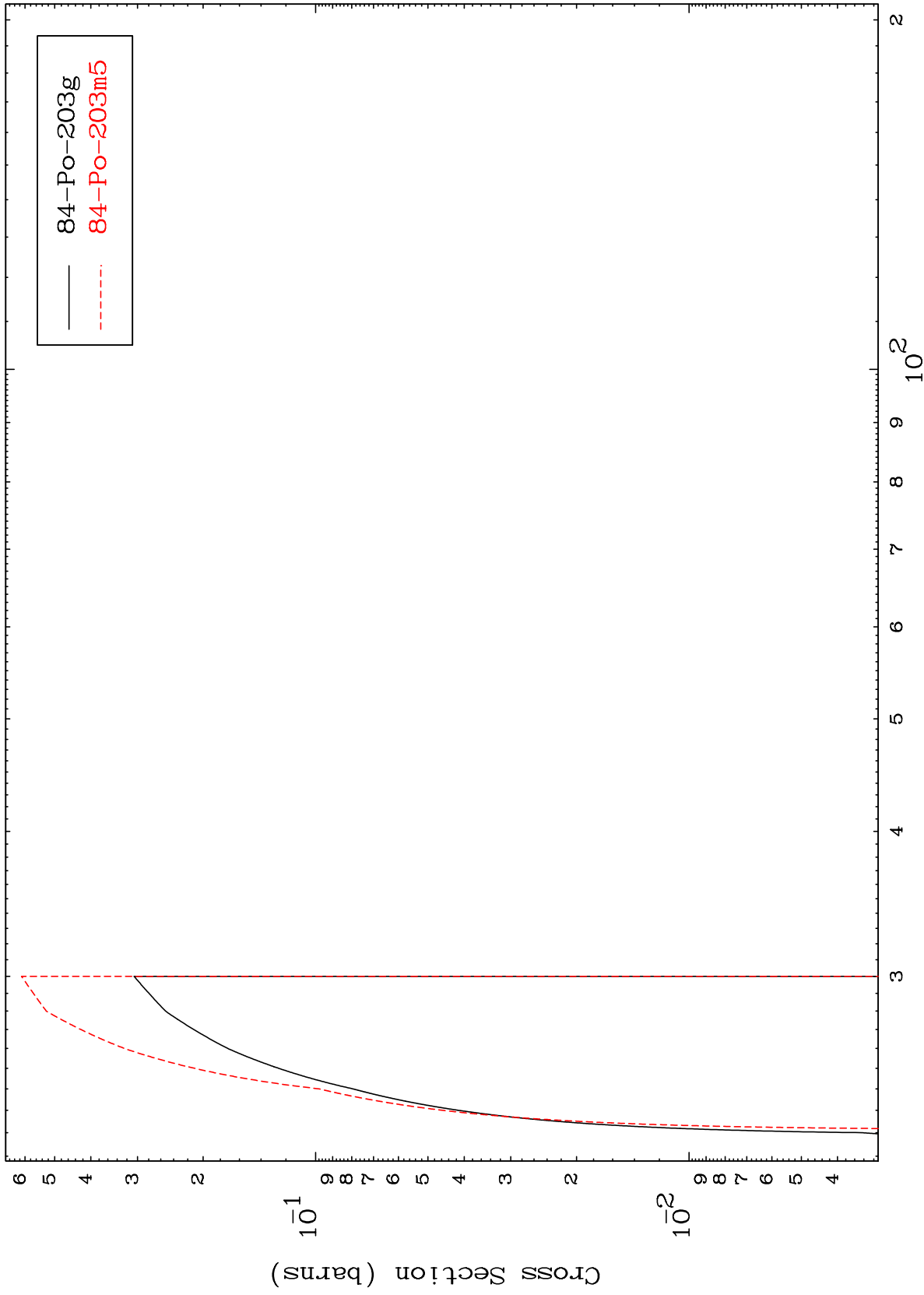
Incident Energy (MeV)

82-Pb-201

MAT 8217

82-Pb-201

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



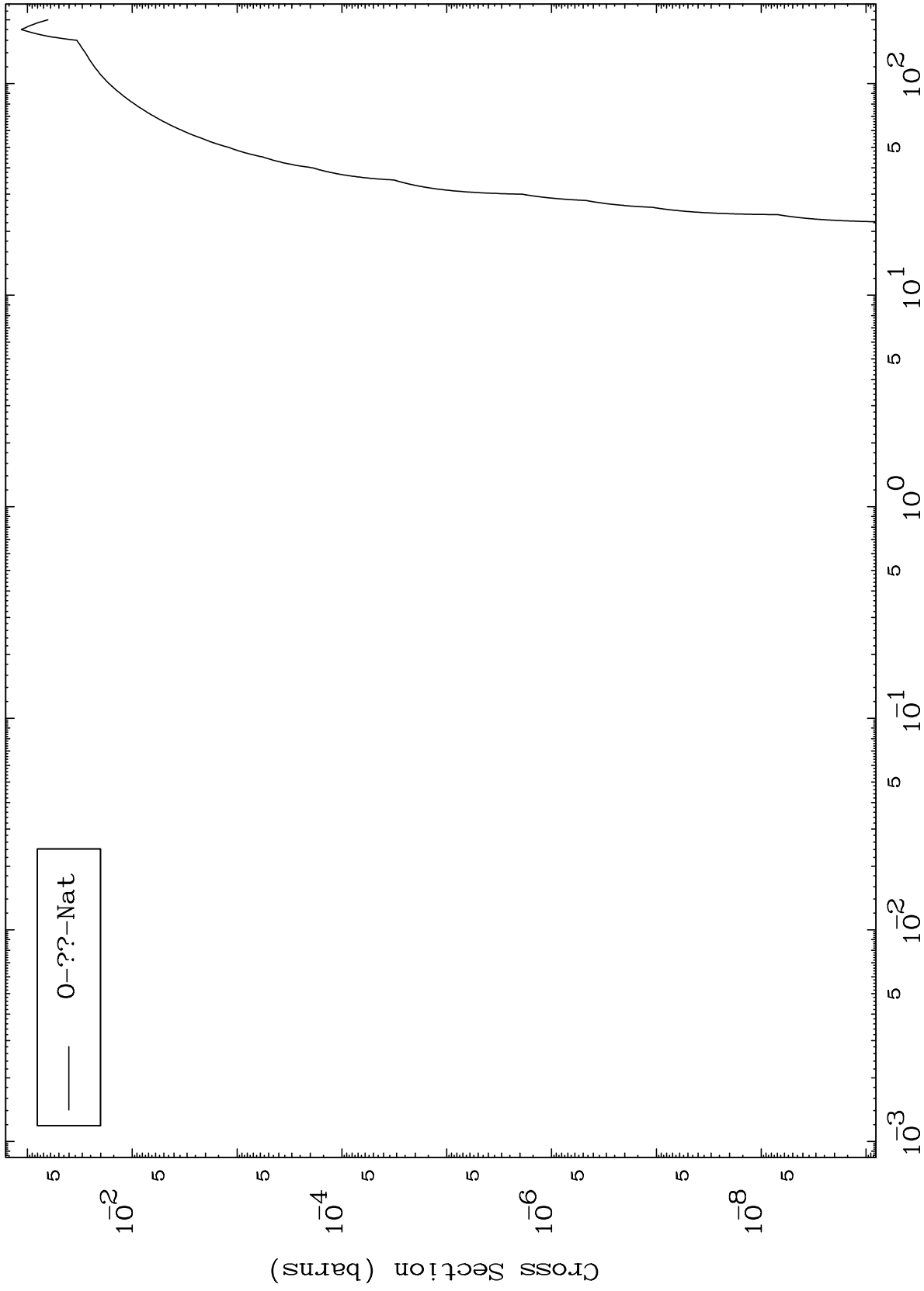
11

82-Pb-201

MAT 8217

α Fission
Radionuclide Production Cross Section

82-Pb-201



12

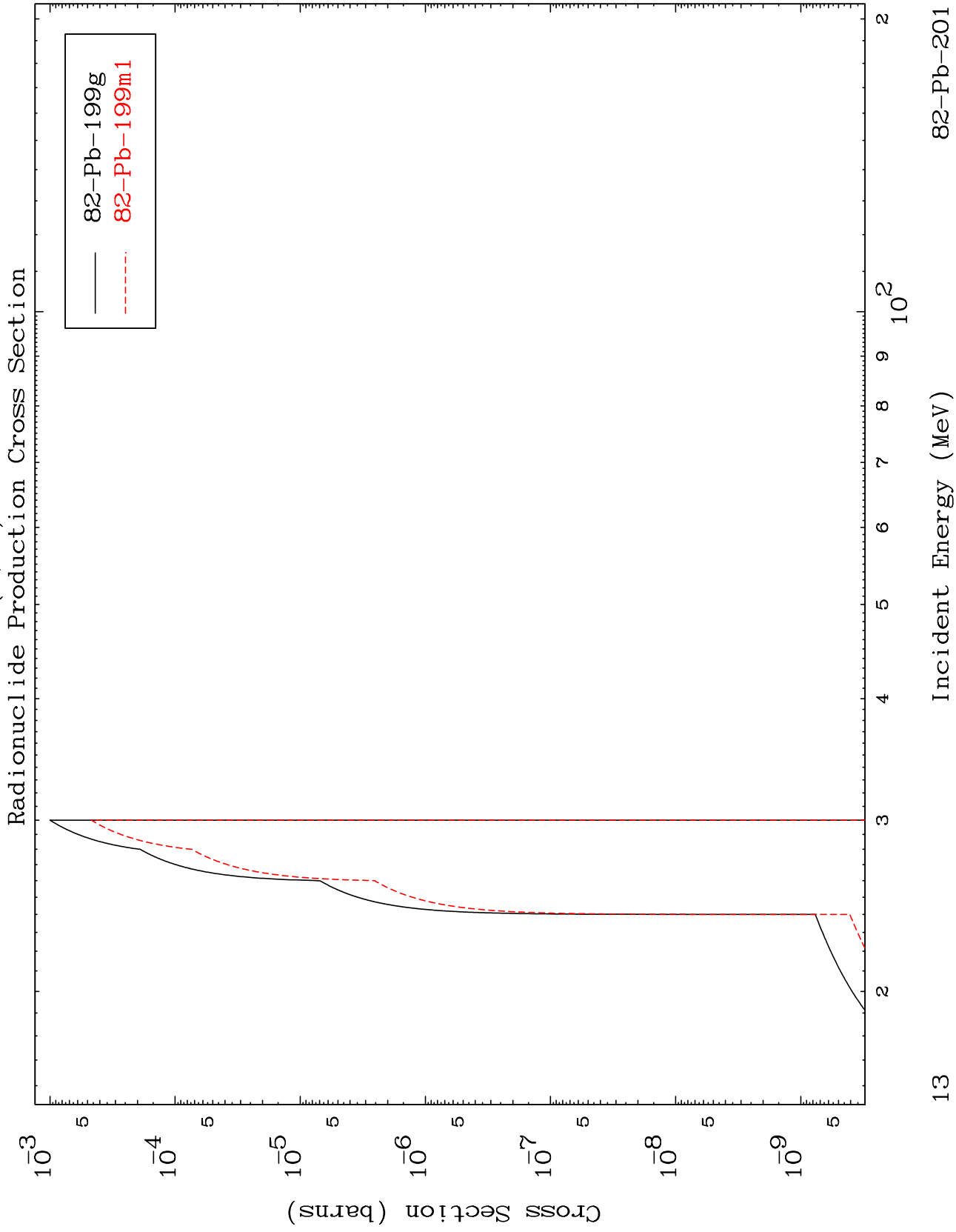
Incident Energy (MeV)

82-Pb-201

MAT 8217

($\alpha, 2n$) α

82-Pb-201



13

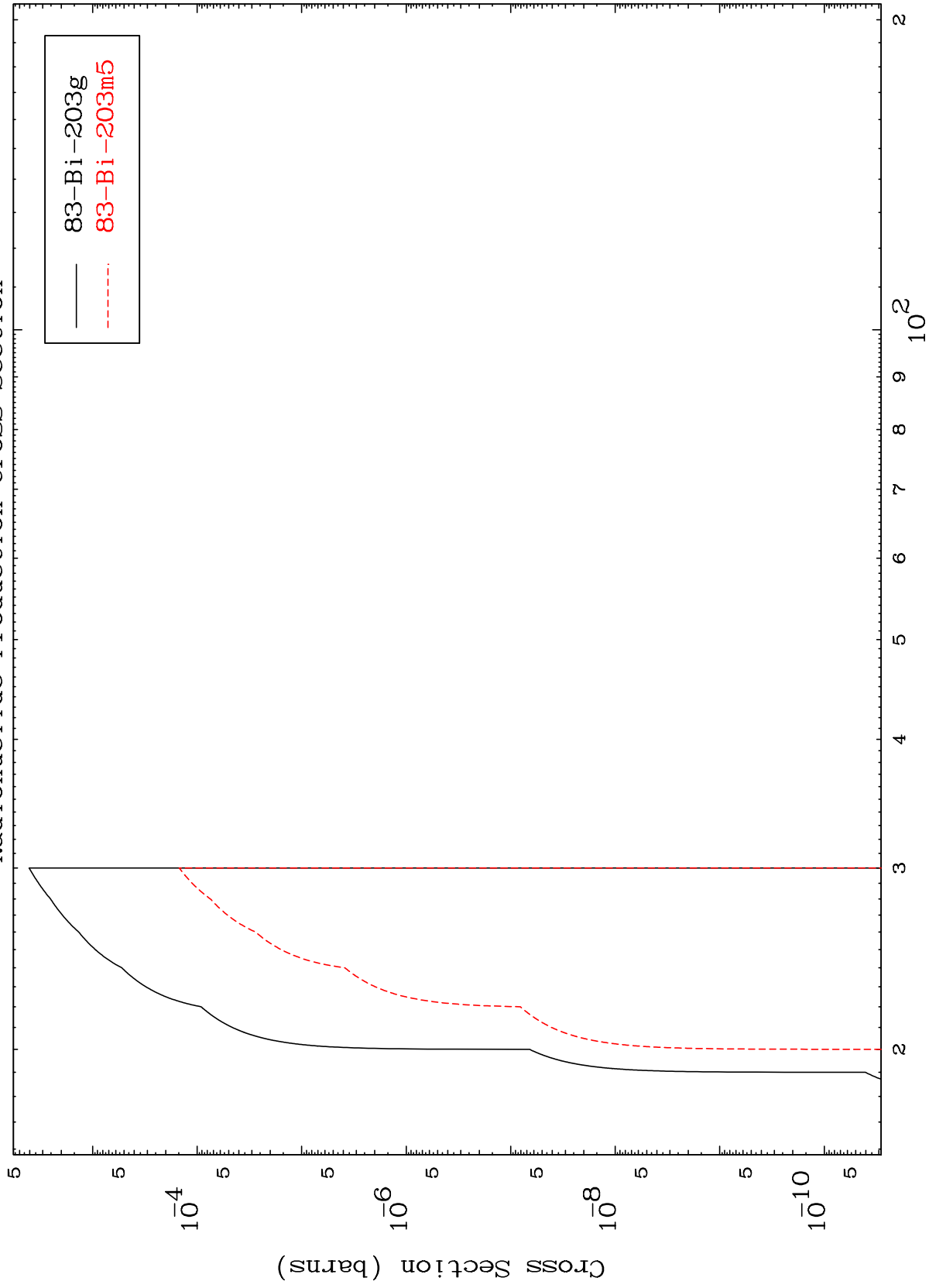
82-Pb-201

MAT 8217

(α, n') p

82-Pb-201

Radionuclide Production Cross Section



14

Incident Energy (MeV)

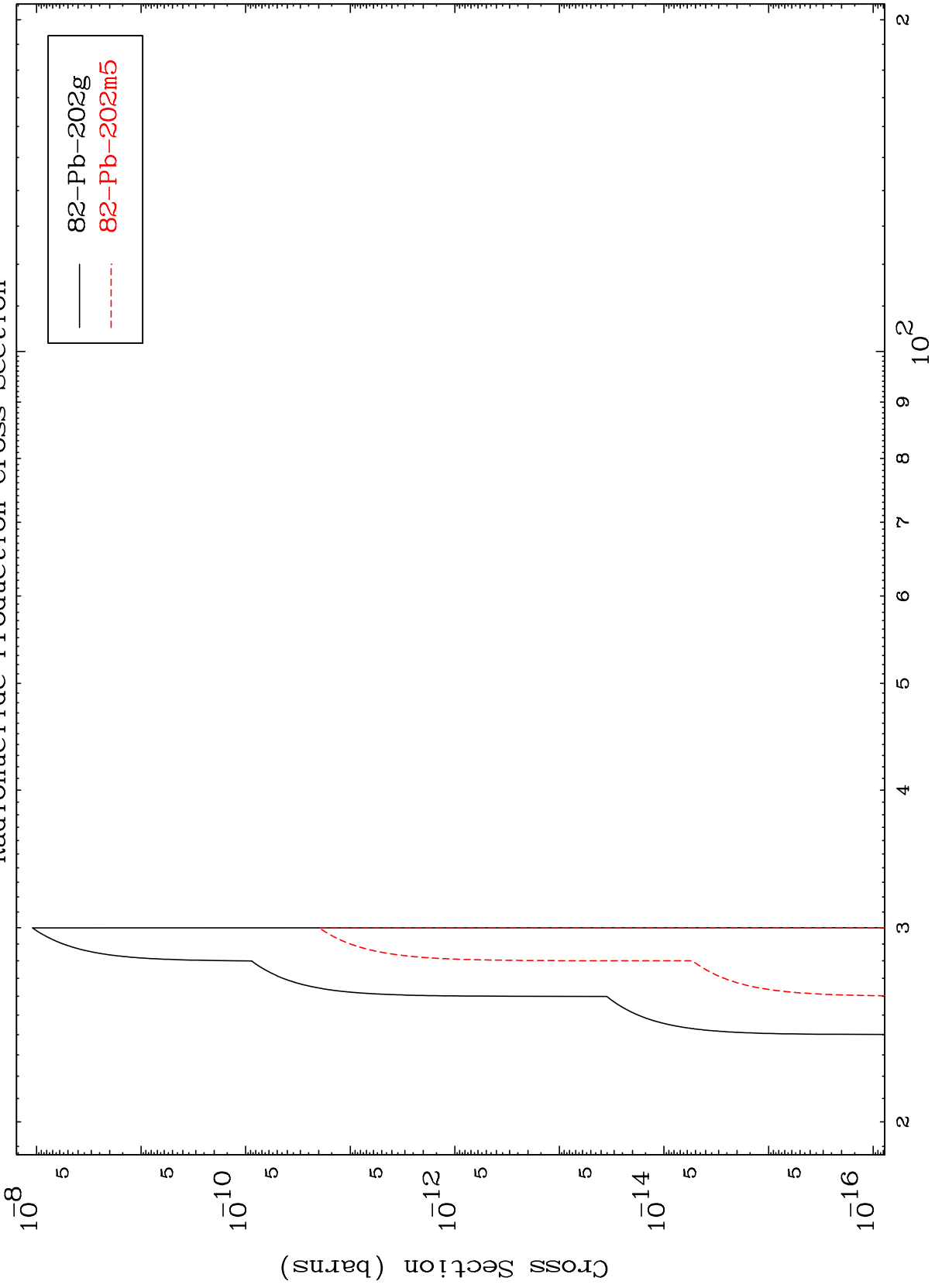
82-Pb-201

MAT 8217

($\alpha, 2n$) p

82-Pb-201

Radionuclide Production Cross Section



15

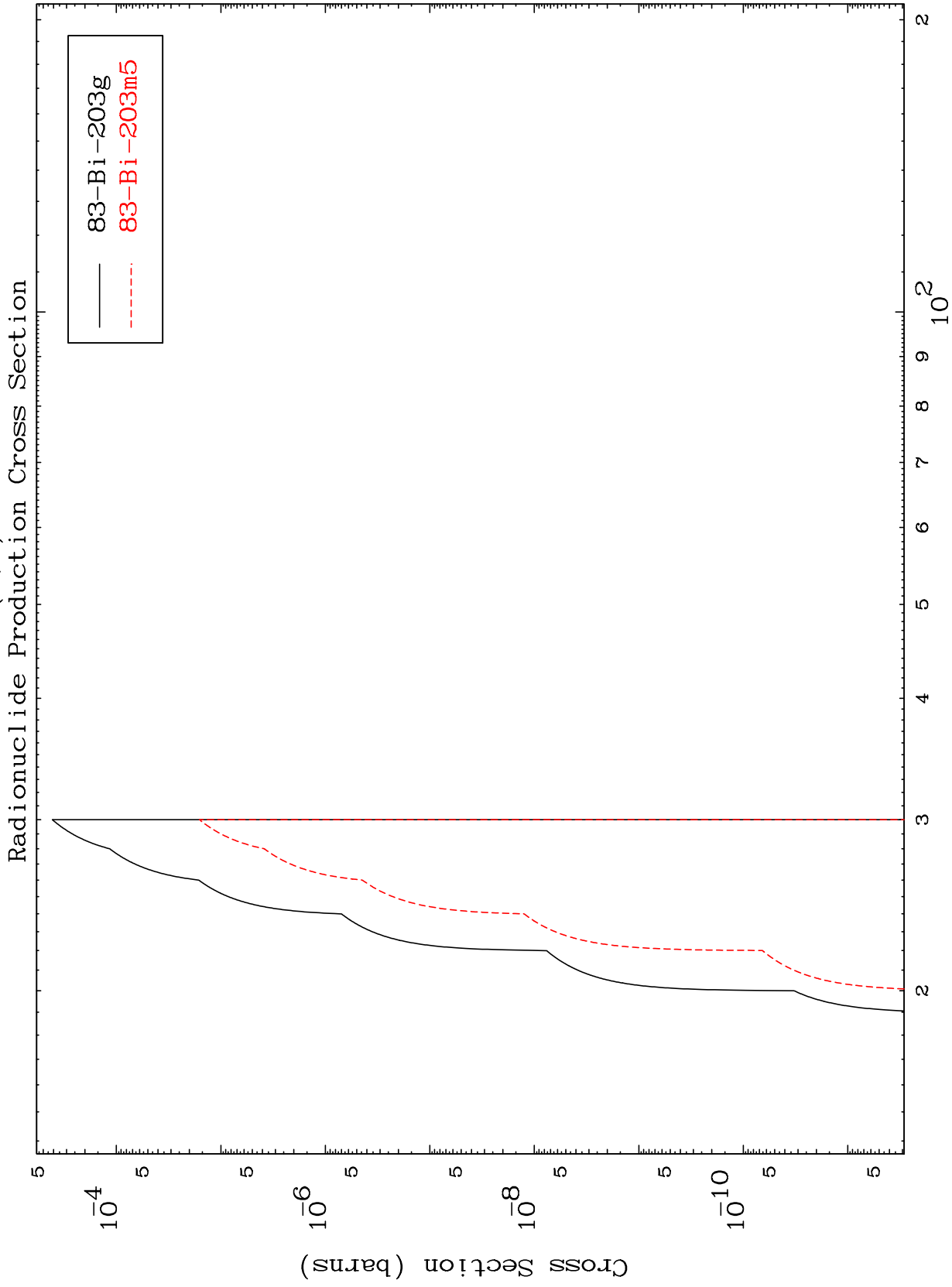
Incident Energy (MeV)

82-Pb-201

MAT 8217

(α, d)

82-Pb-201



16

Incident Energy (MeV)

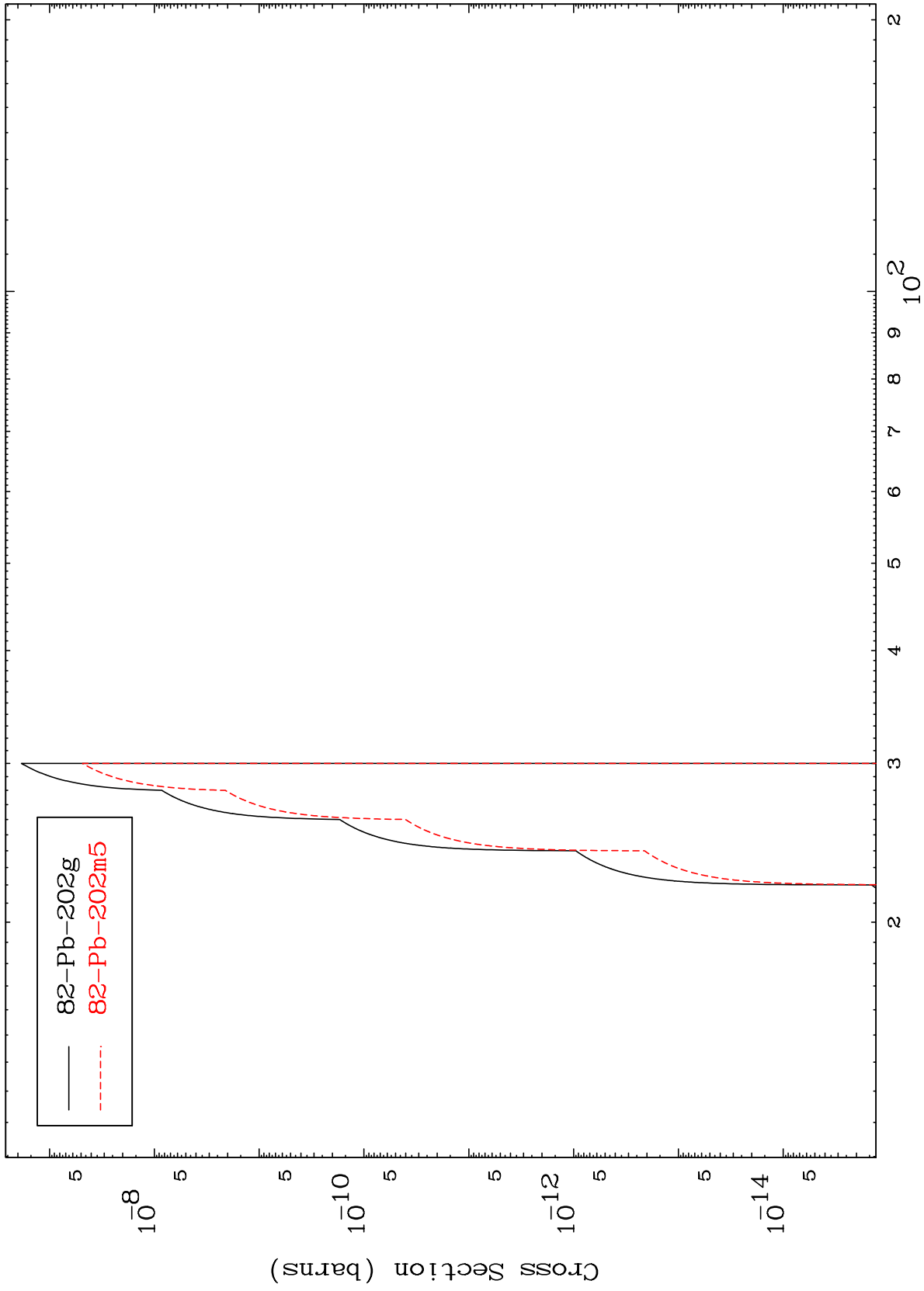
82-Pb-201

MAT 8217

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

82-Pb-201

Radionuclide Production Cross Section



17

Incident Energy (MeV)

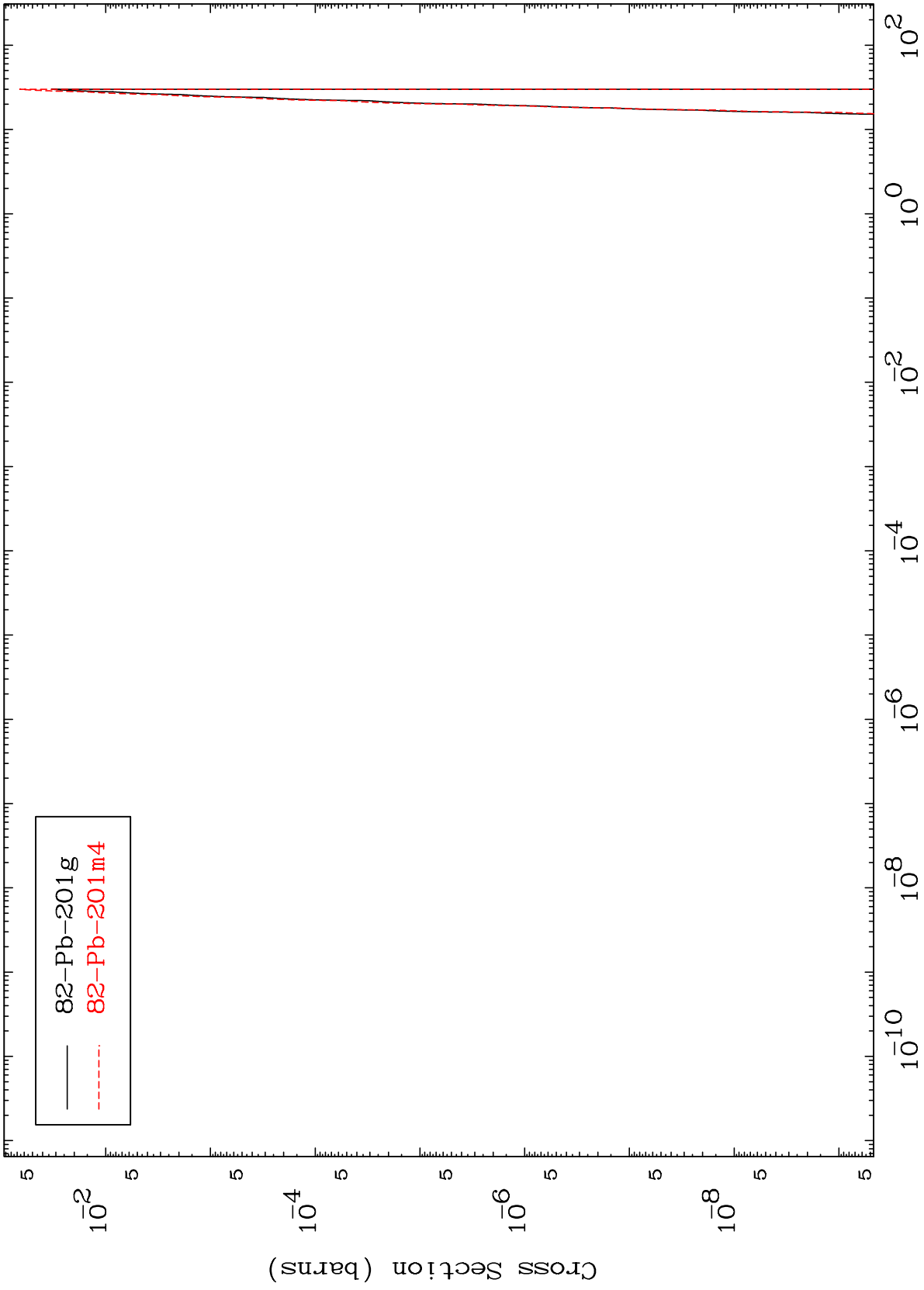
82-Pb-201

MAT 8217

(α, α)

82-Pb-201

Radionuclide Production Cross Section



18

Incident Energy (MeV)

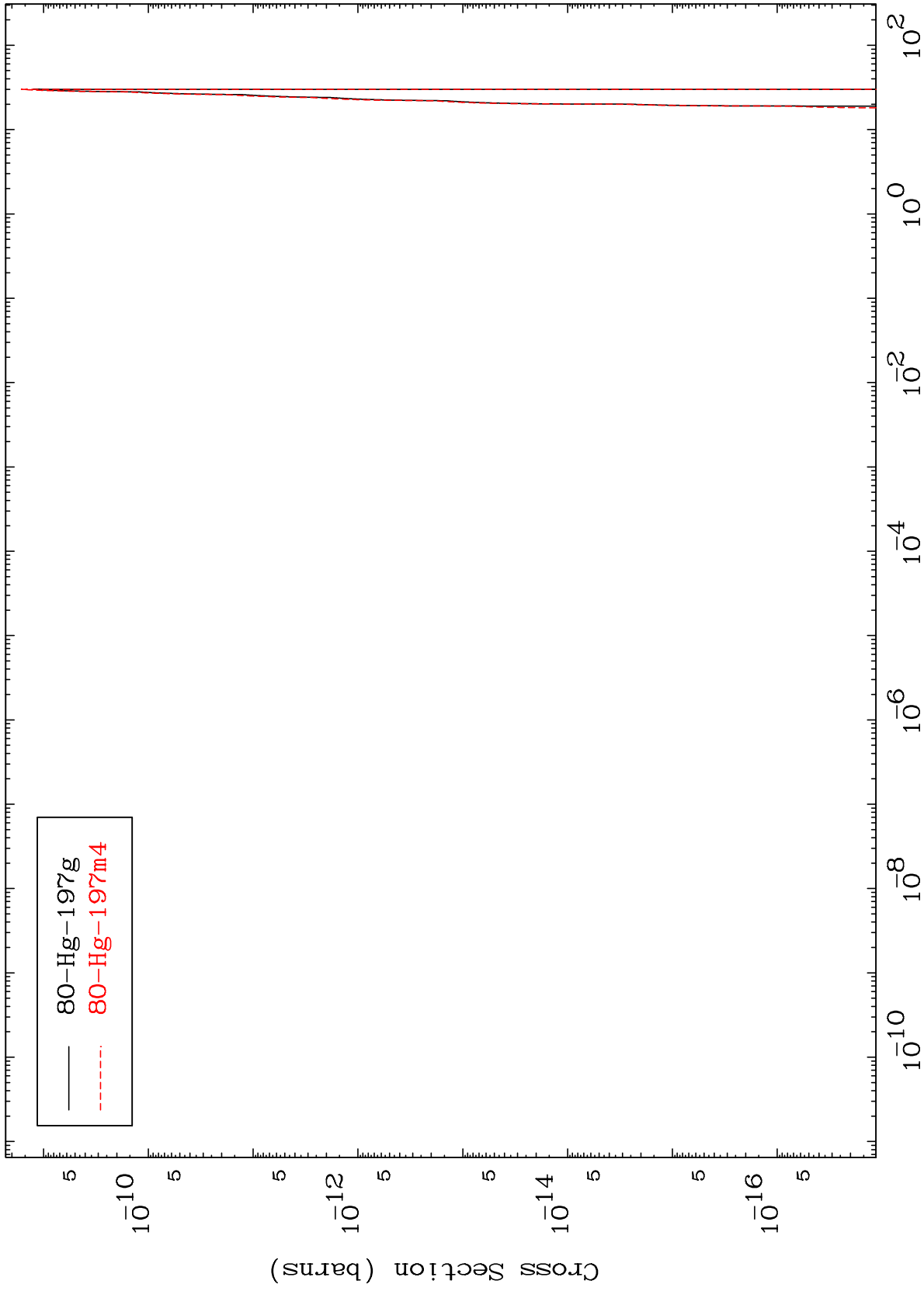
82-Pb-201

MAT 8217

($\alpha, 2\alpha$)

82-Pb-201

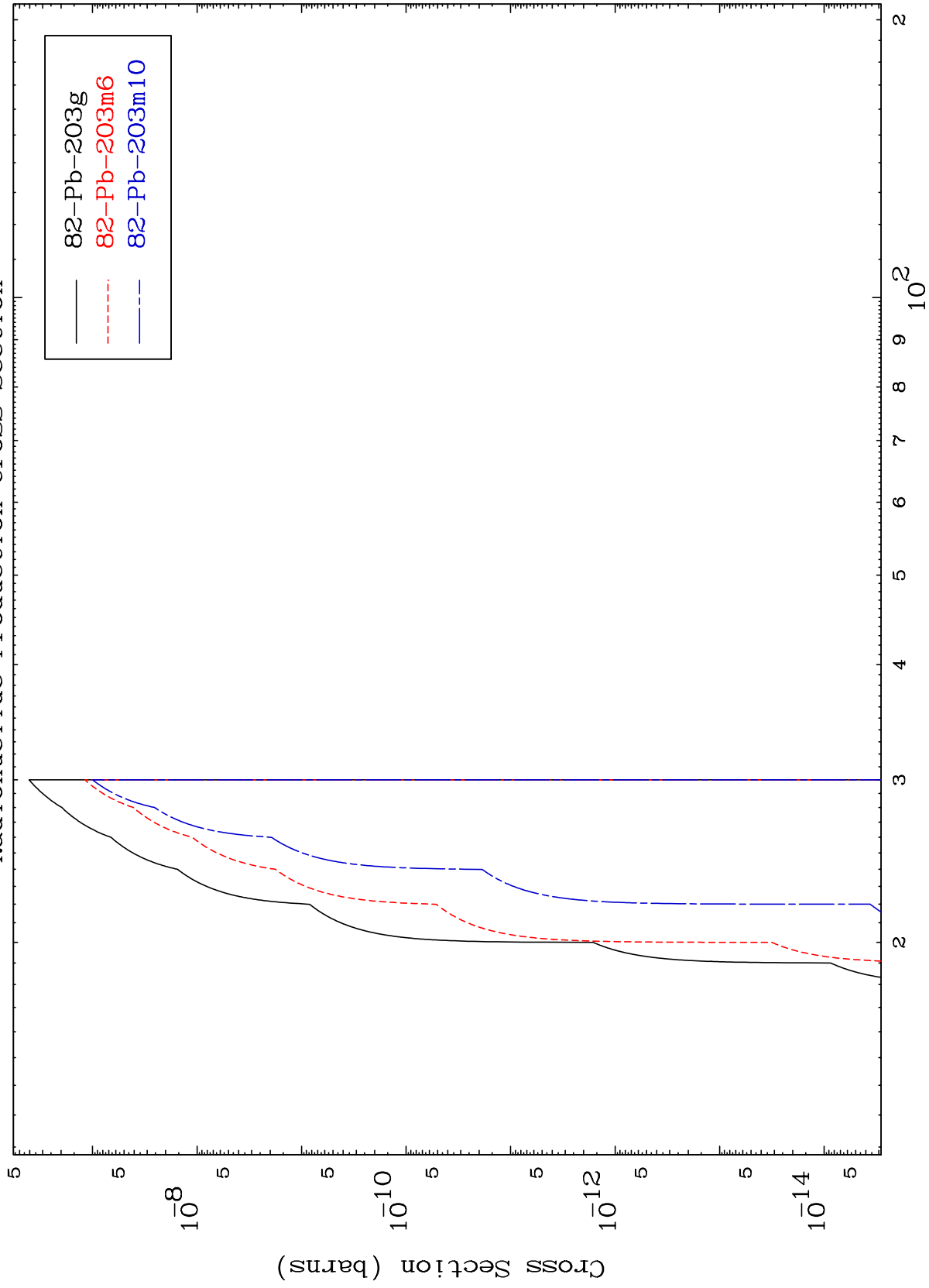
Radionuclide Production Cross Section



MAT 8217

82-Pb-201

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



20

82-Pb-201