

Program EVALPLOT
(Version 2018-1)

by

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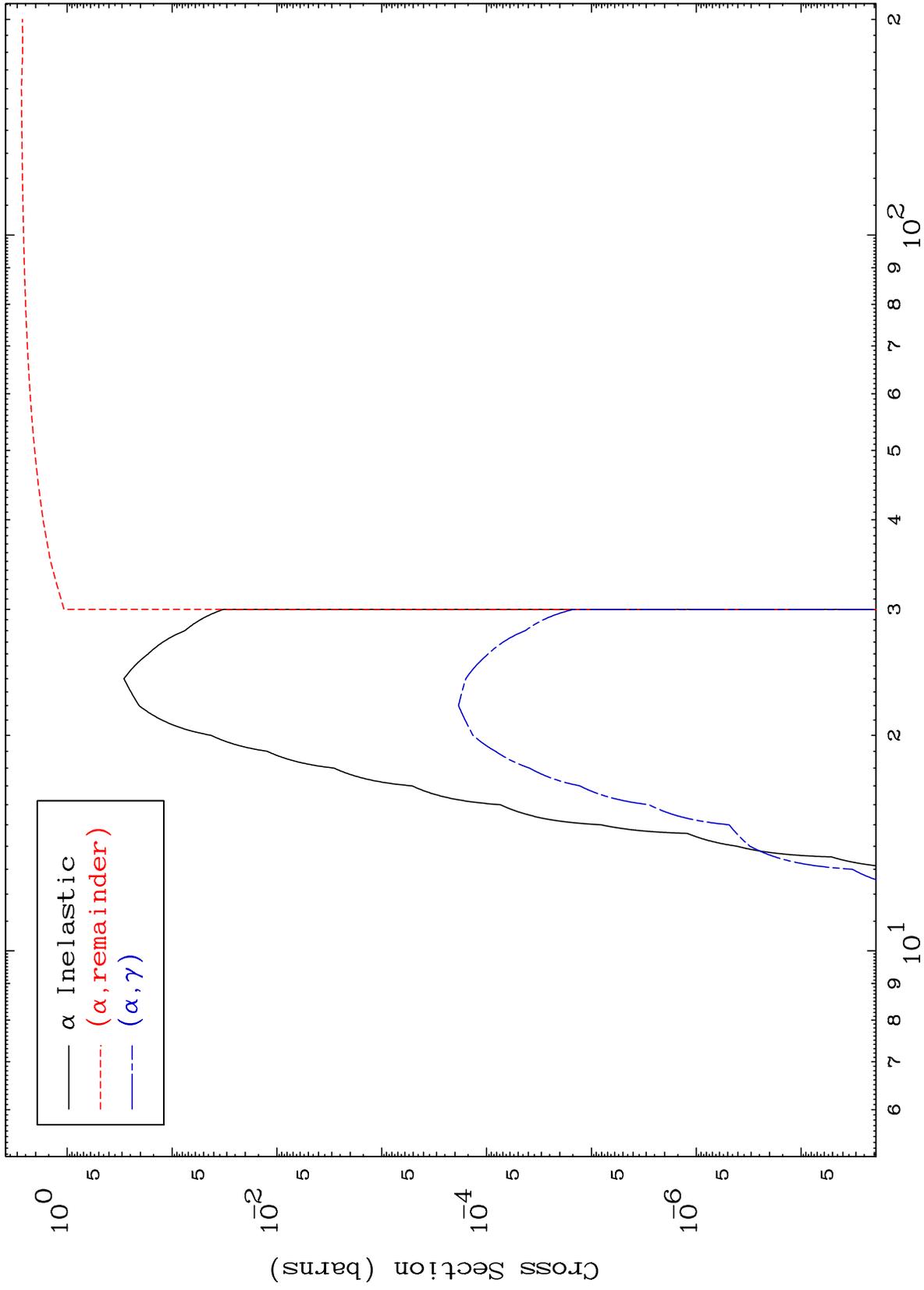
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8216

0 Kelvin α Major
Cross Sections

82-Pb-201



1

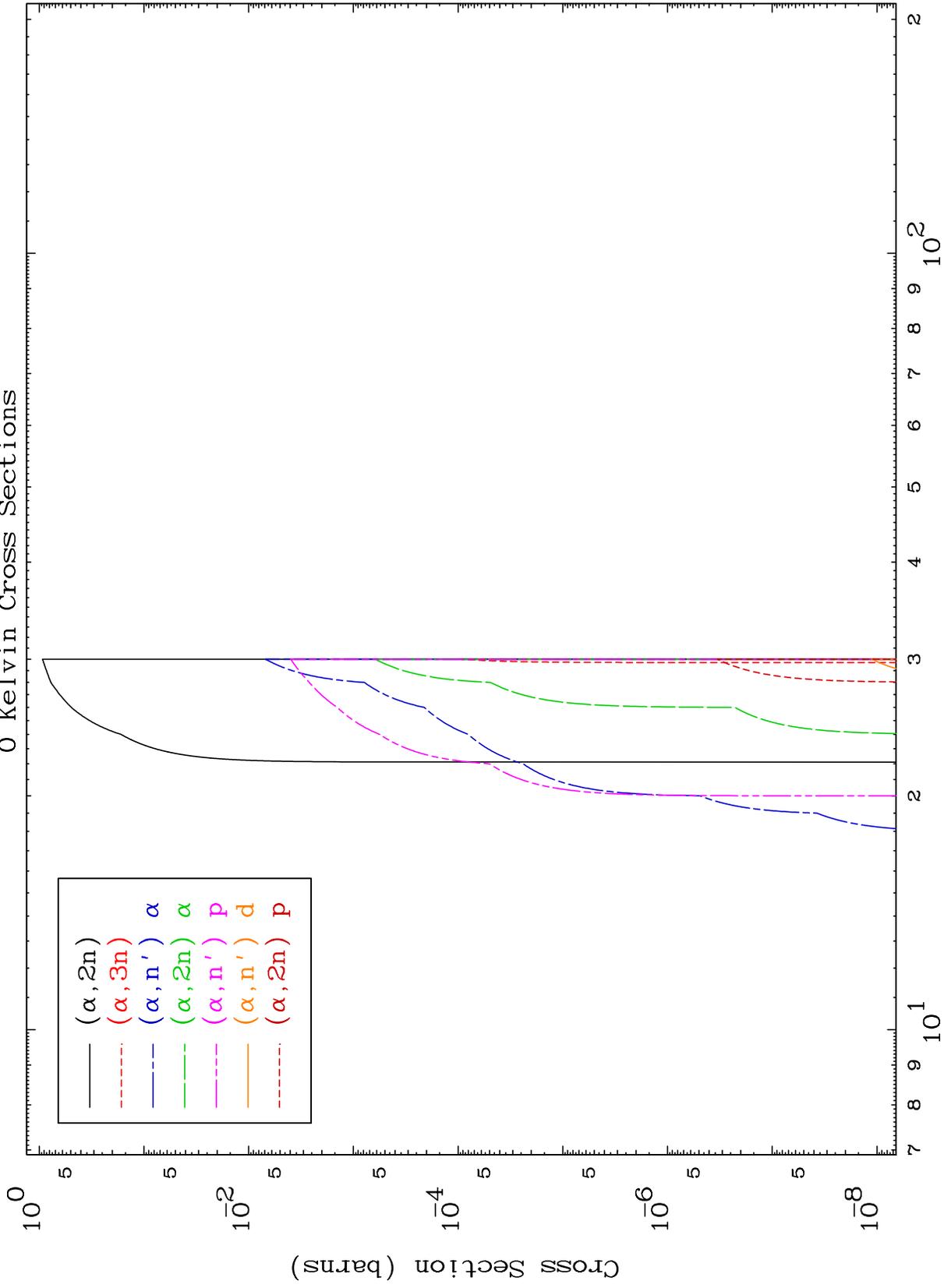
Incident Energy (MeV)

82-Pb-201

MAT 8216

α Neutron Production
0 Kelvin Cross Sections

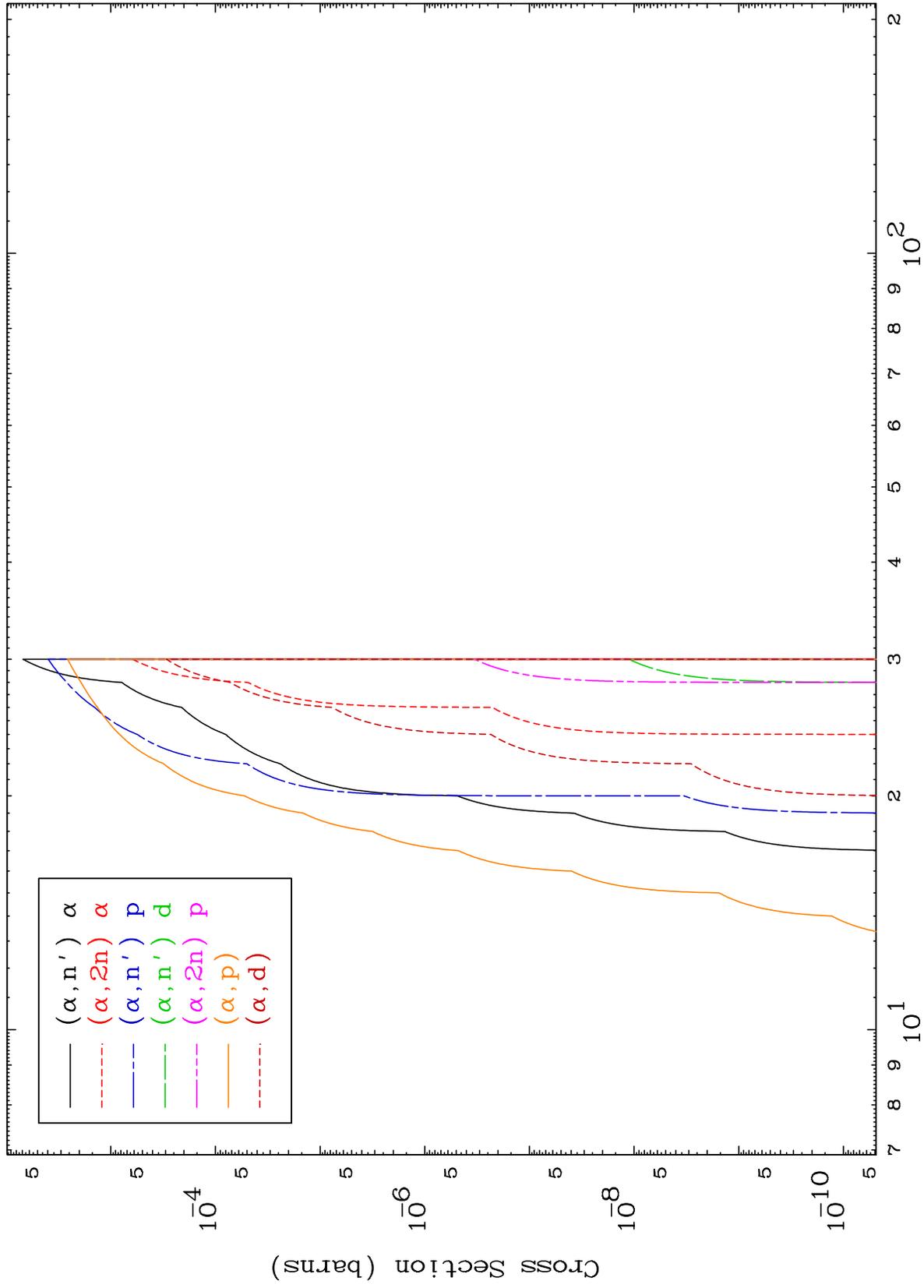
82-Pb-201



2

Incident Energy (MeV)

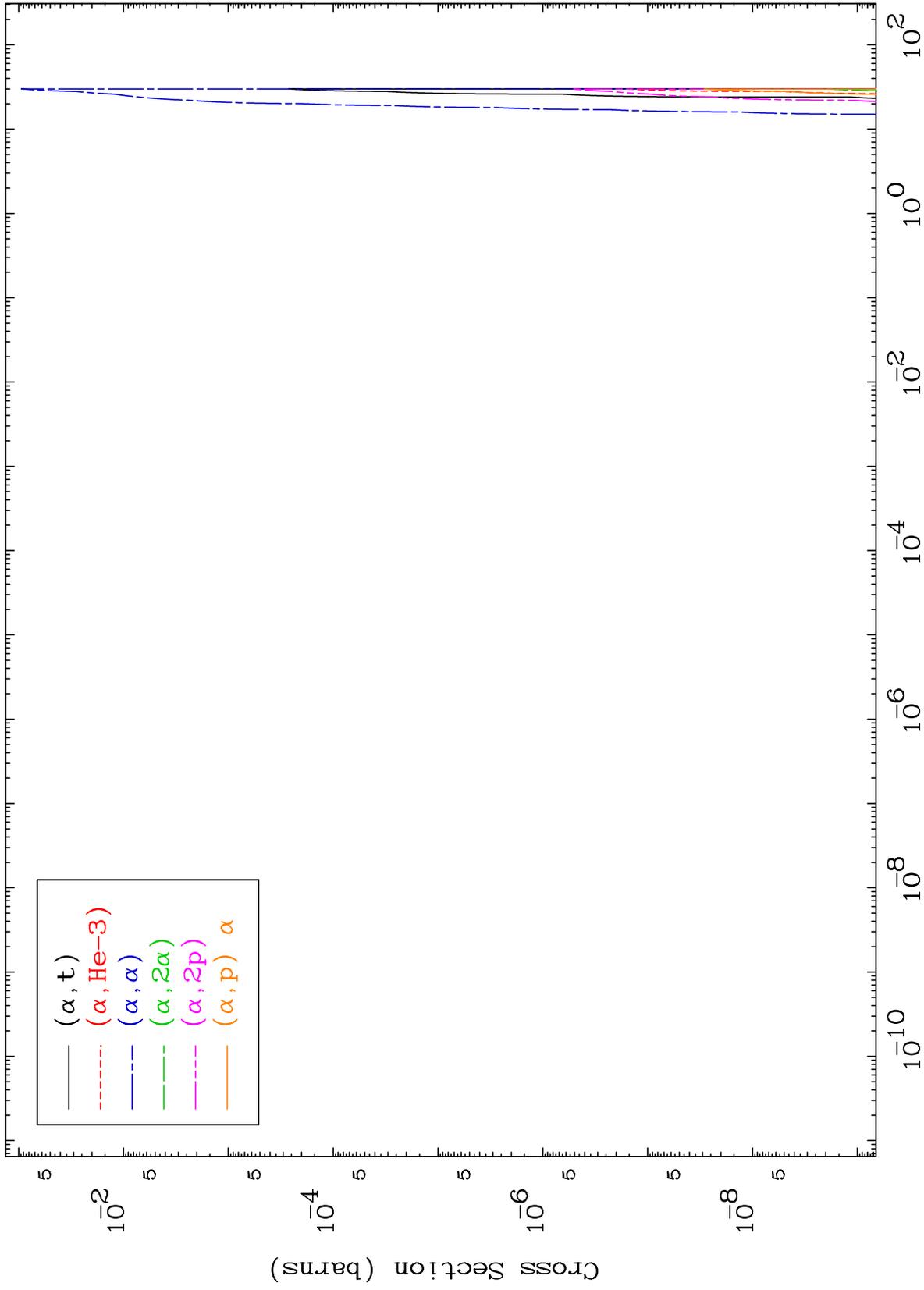
82-Pb-201



MAT 8216

α Charged Particle
0 Kelvin Cross Sections

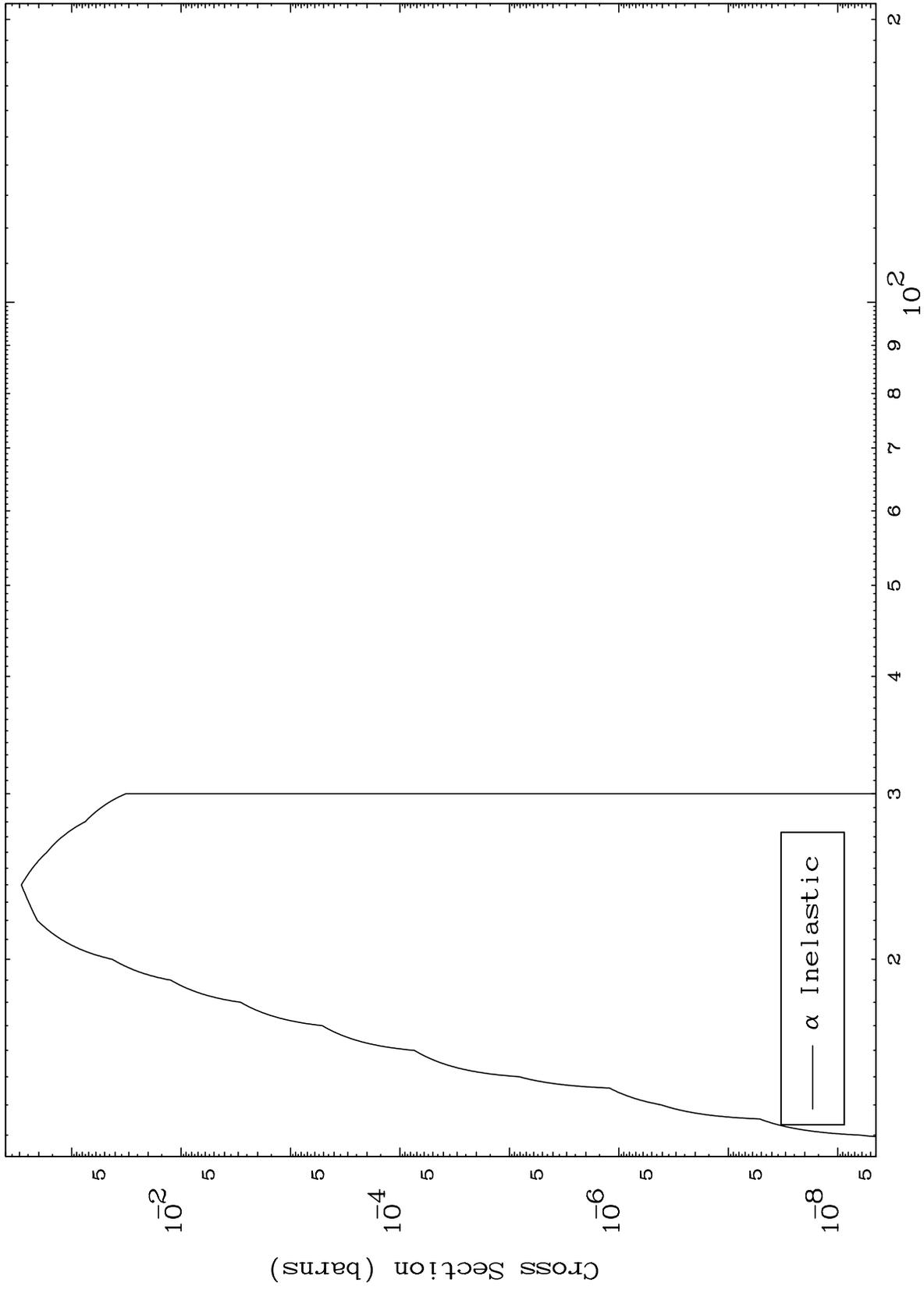
82-Pb-201



MAT 8216

(α, n') Level
0 Kelvin Cross Sections

82-Pb-201



5

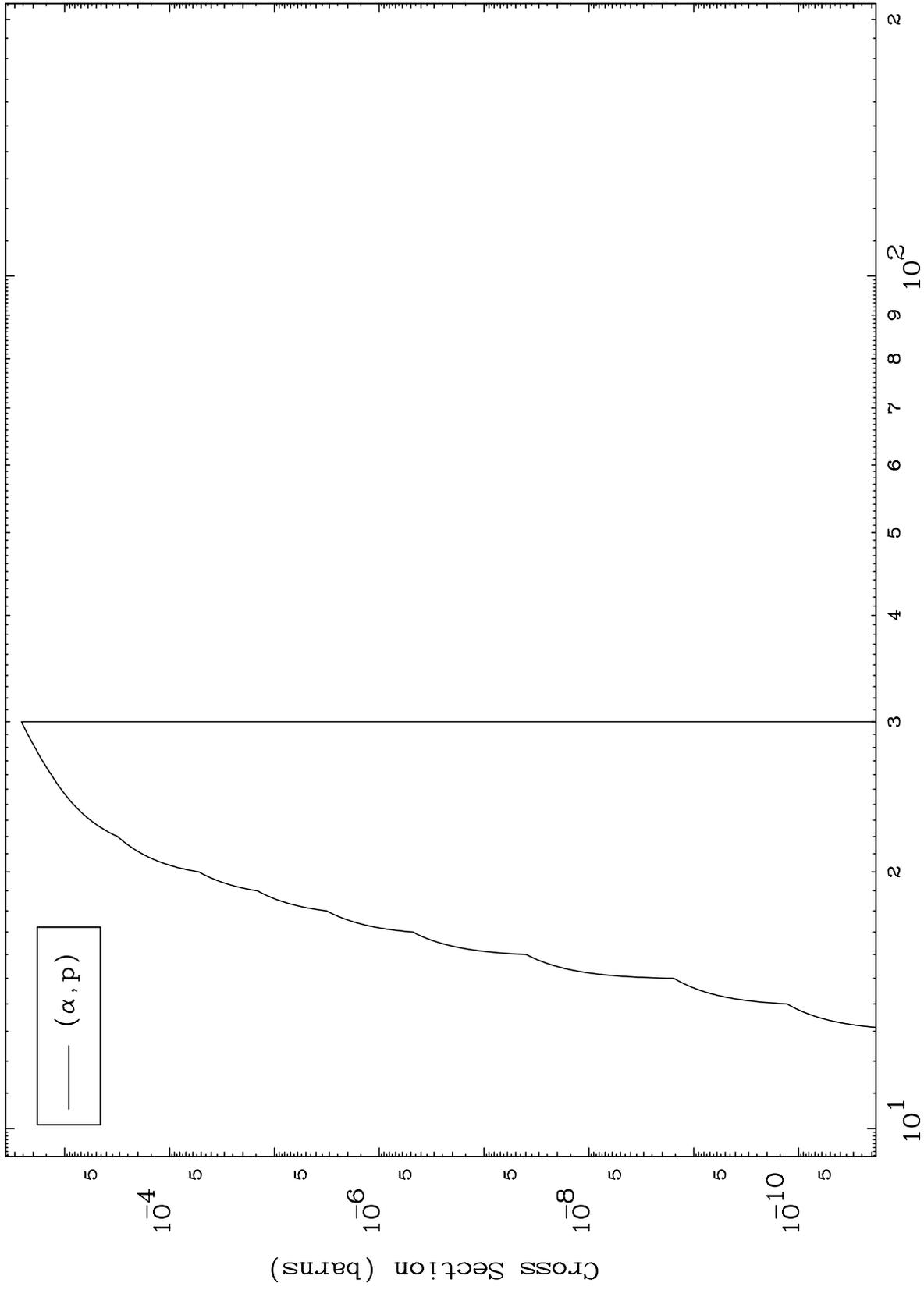
Incident Energy (MeV)

82-Pb-201

MAT 8216

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-201



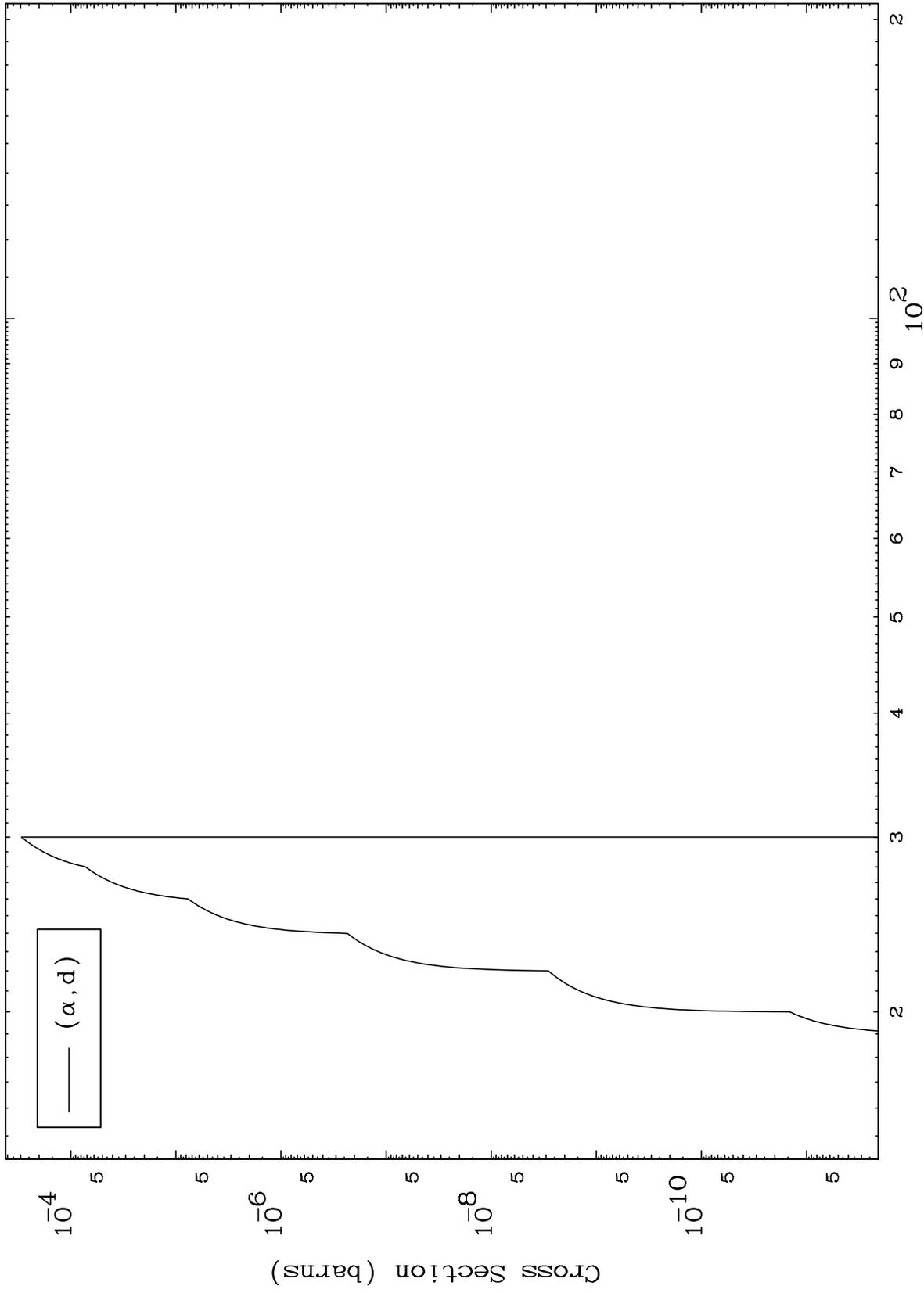
Incident Energy (MeV)

82-Pb-201

MAT 8216

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-201



7

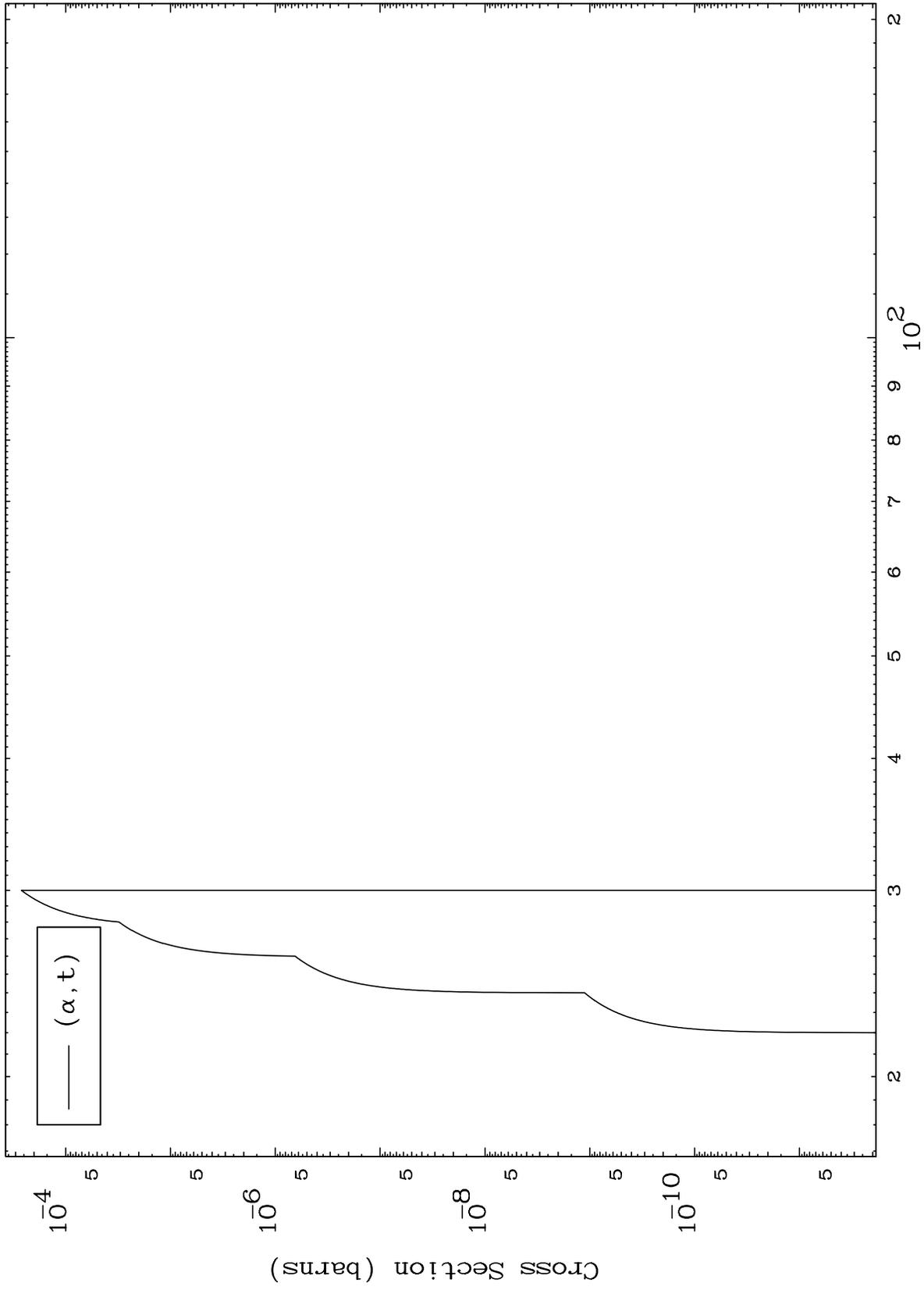
Incident Energy (MeV)

82-Pb-201

MAT 8216

(α, t) Levels
0 Kelvin Cross Sections

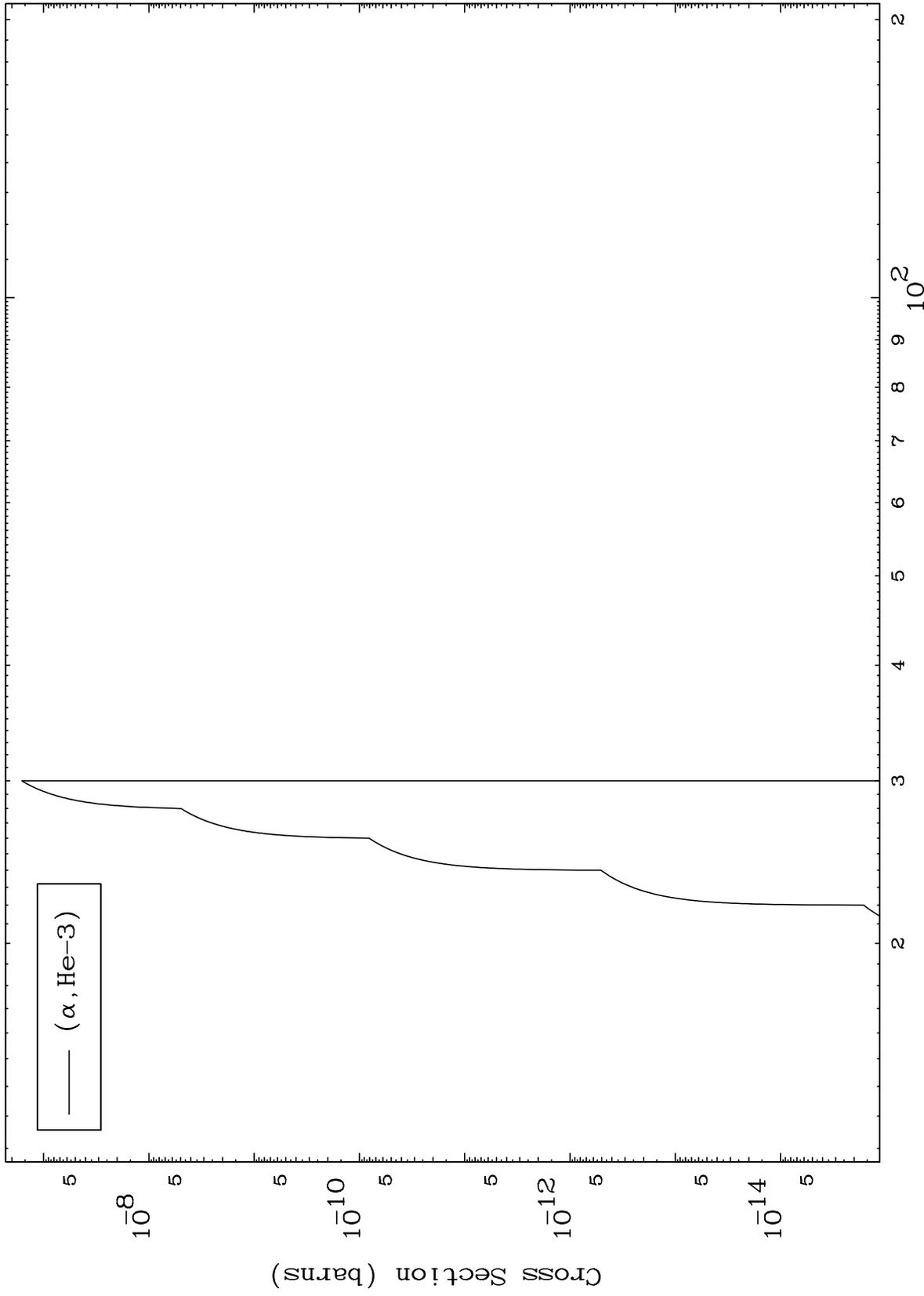
82-Pb-201



8

Incident Energy (MeV)

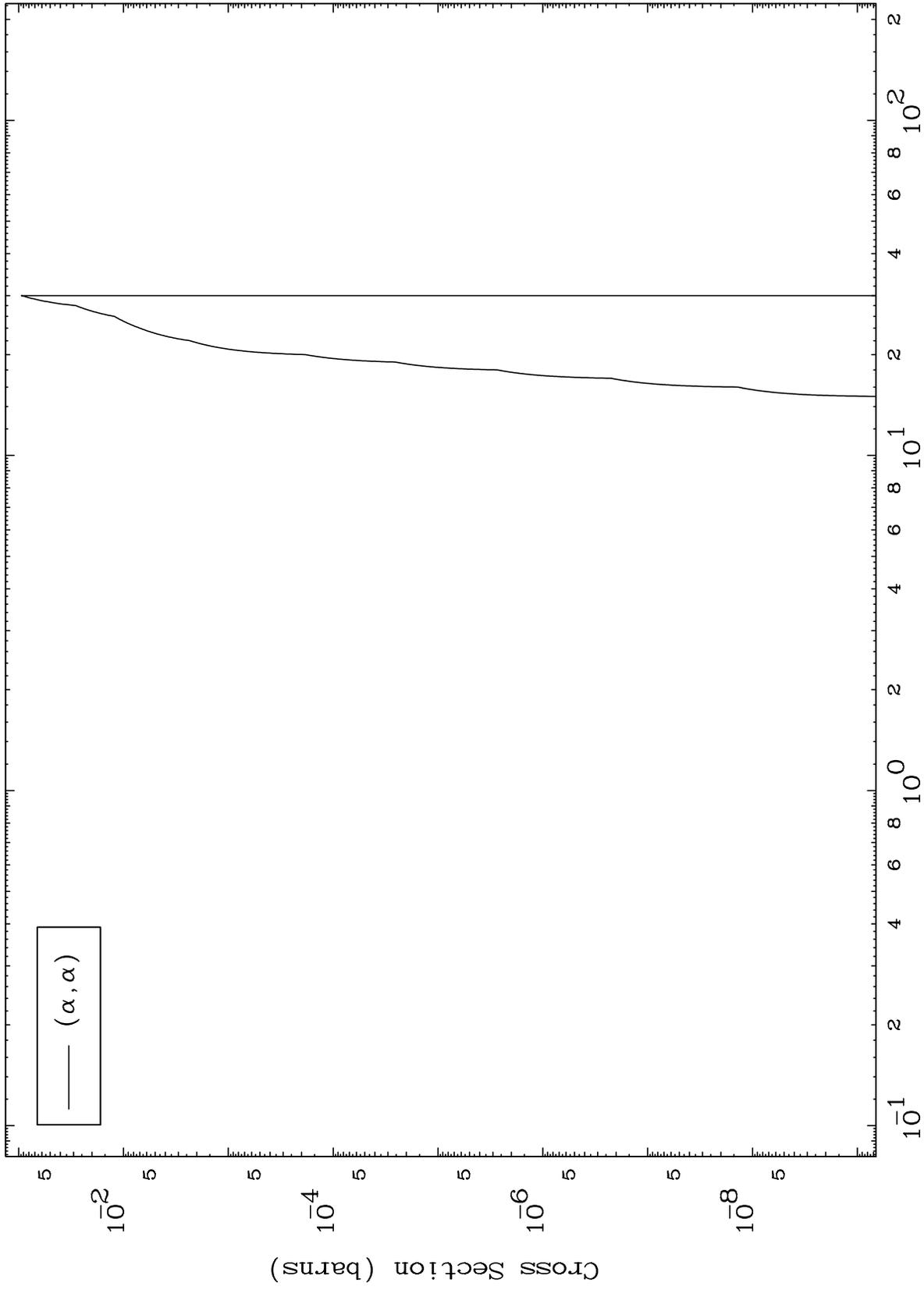
82-Pb-201



MAT 8216

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-201



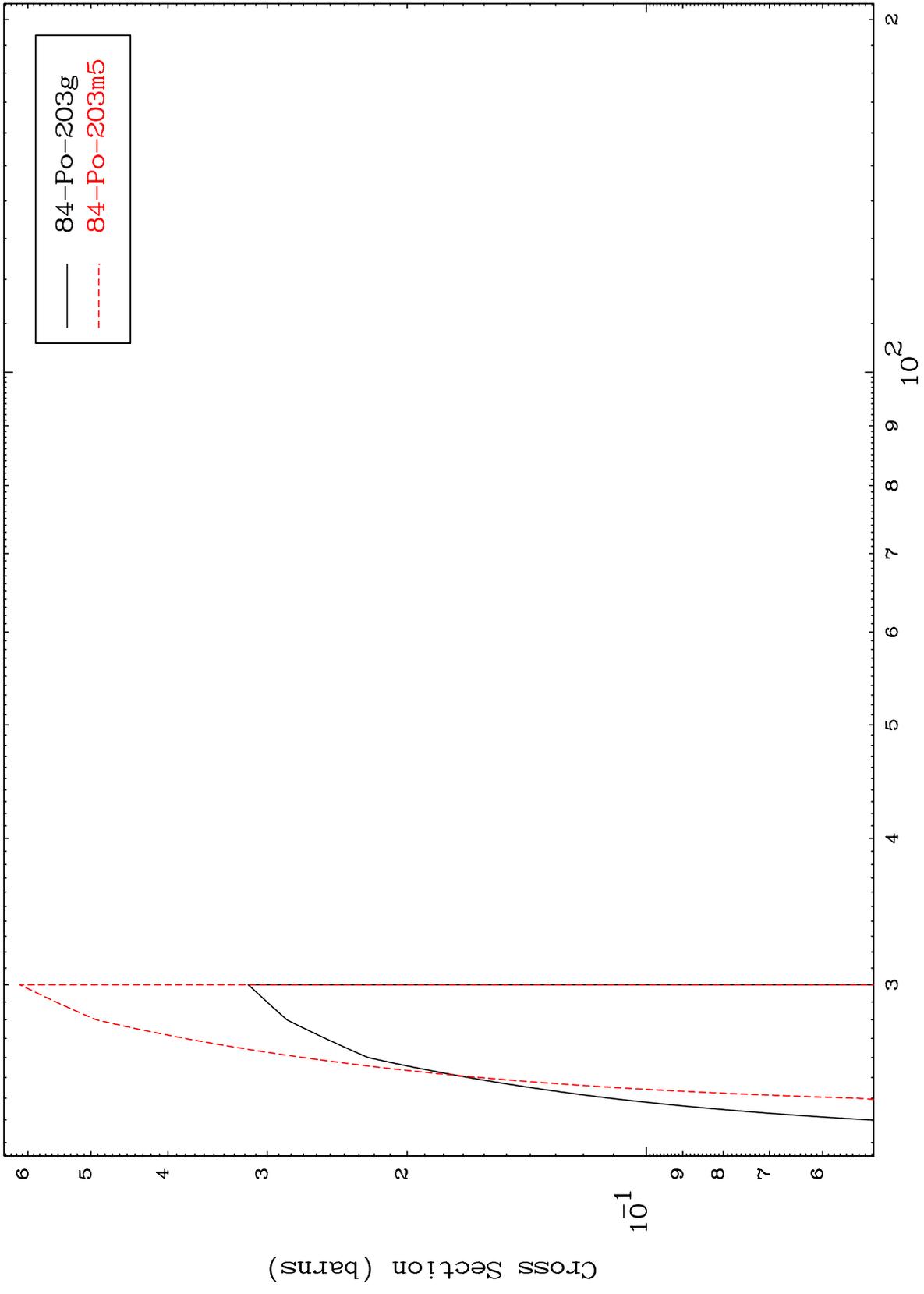
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

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



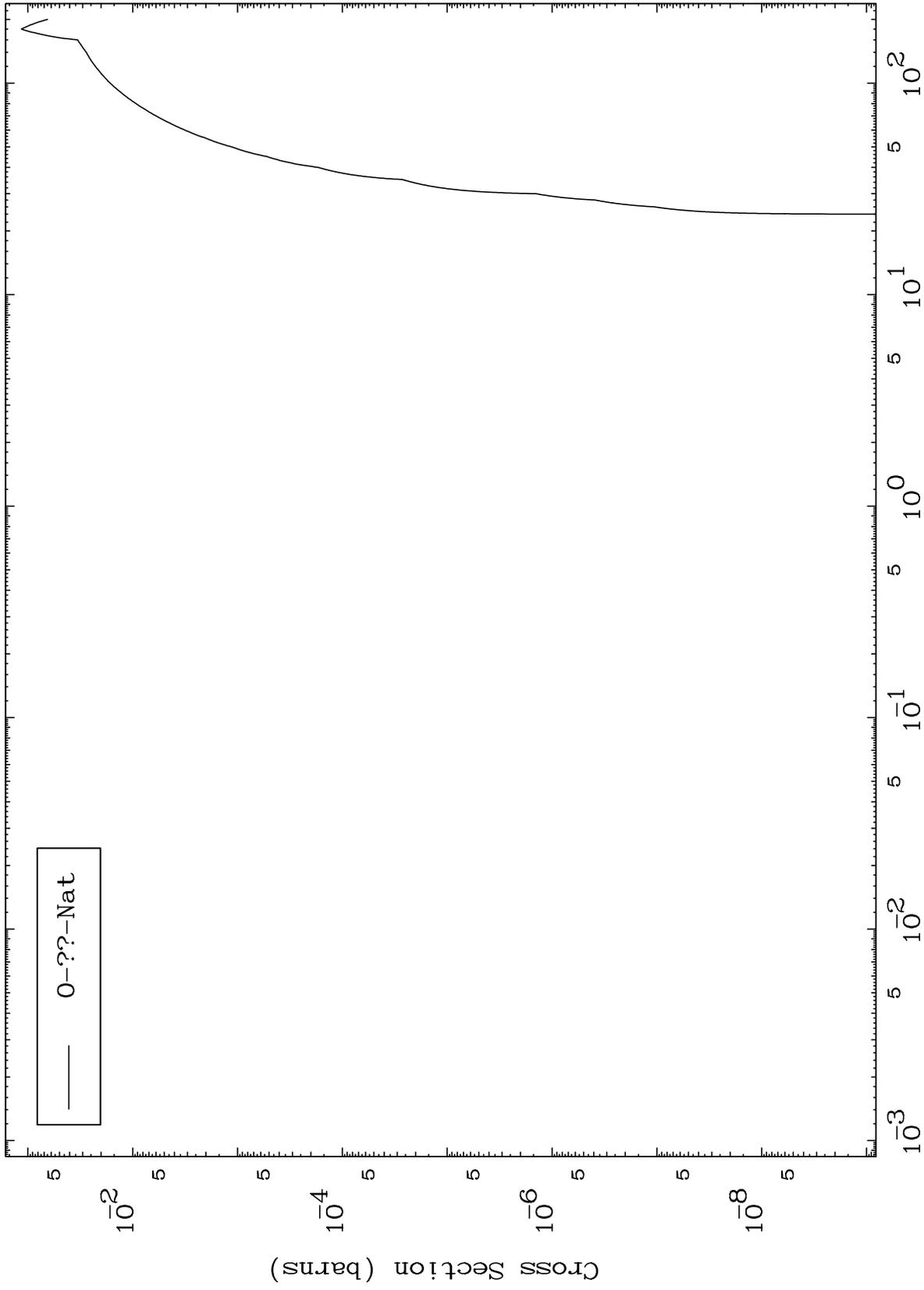
11

82-Pb-201

MAT 8216

α Fission
Radionuclide Production Cross Section

82-Pb-201



12

Incident Energy (MeV)

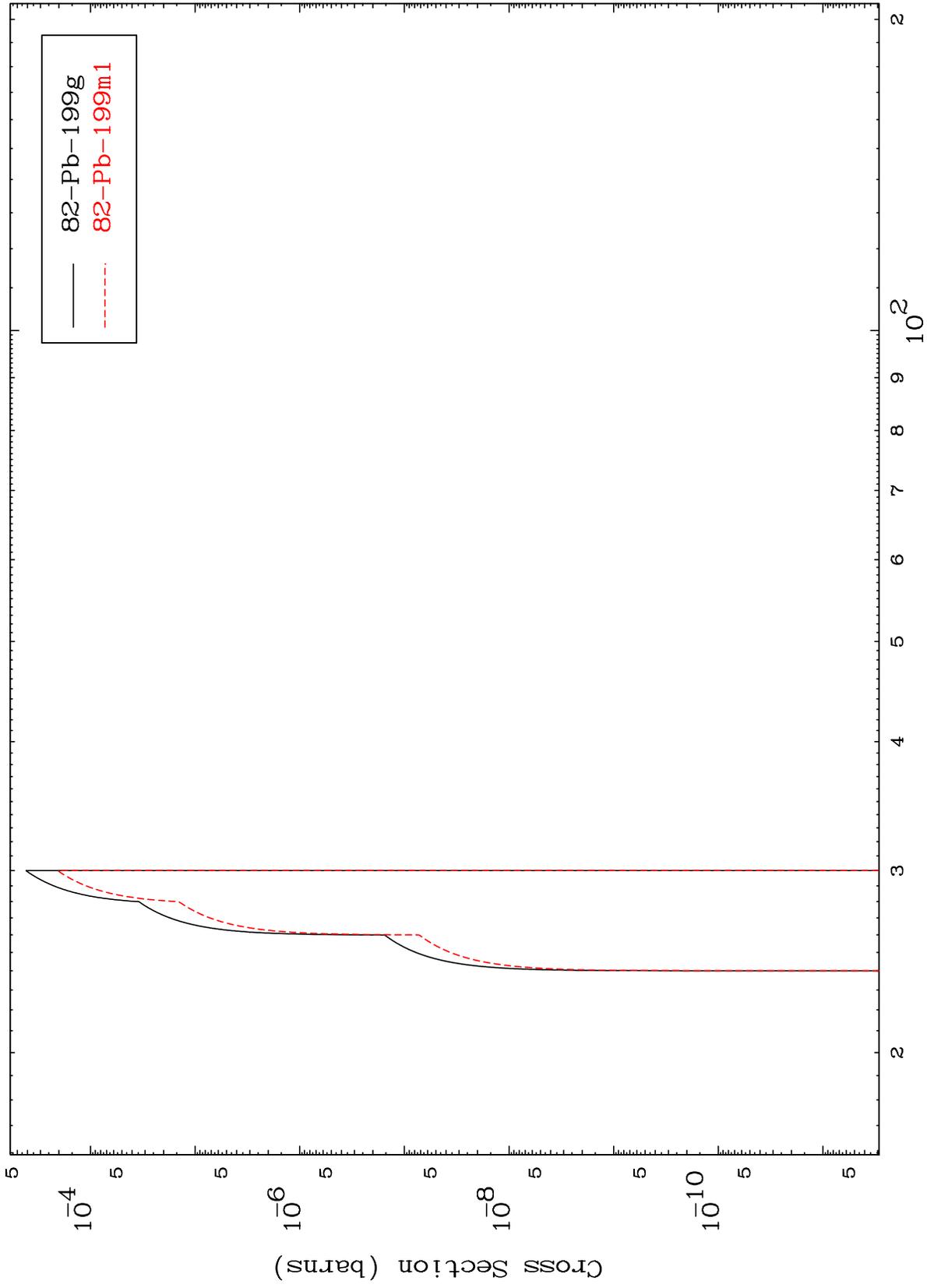
82-Pb-201

MAT 8216

$(\alpha, 2n) \alpha$

82-Pb-201

Radionuclide Production Cross Section



13

Incident Energy (MeV)

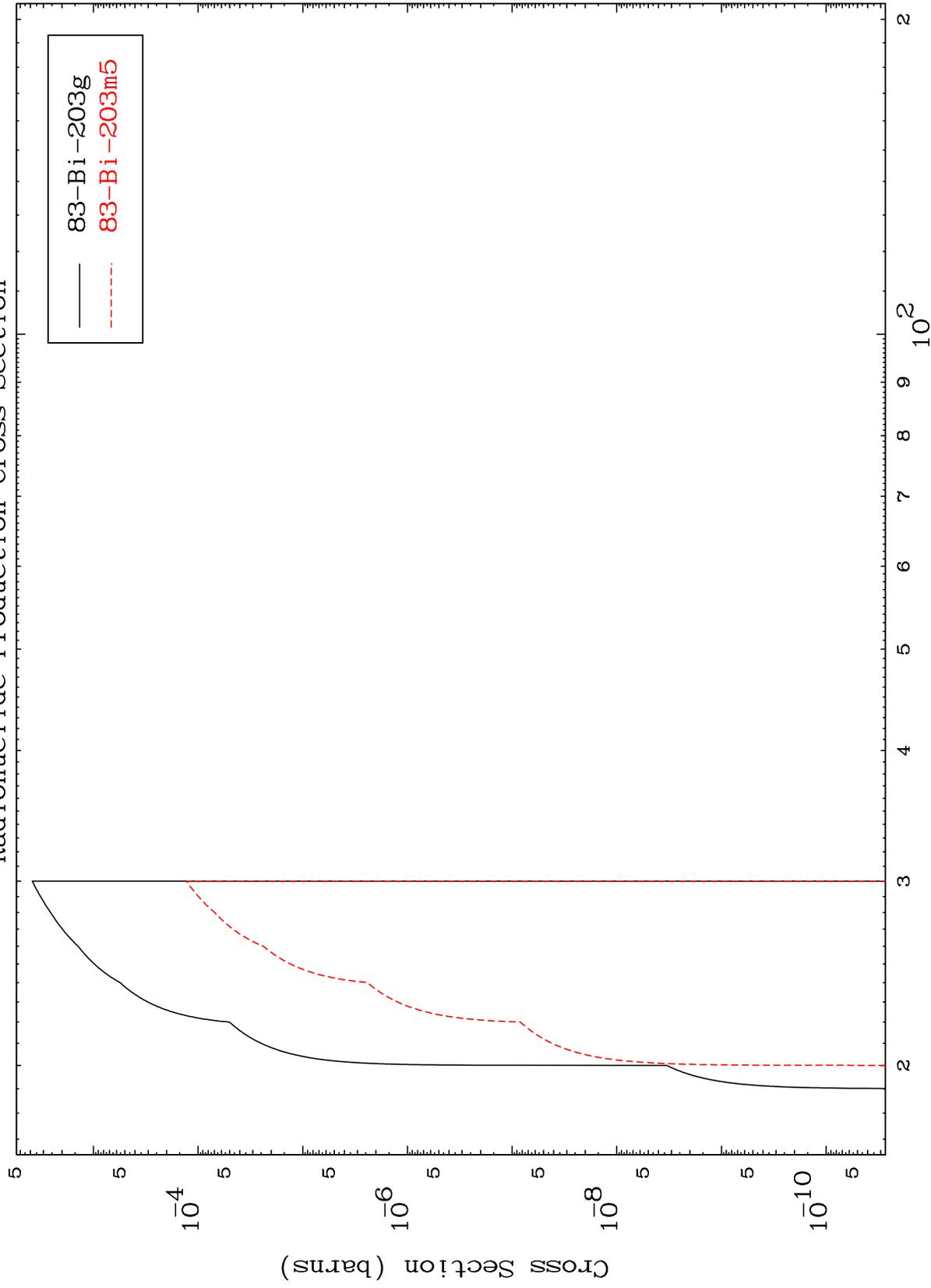
82-Pb-201

MAT 8216

(α, n') p

82-Pb-201

Radionuclide Production Cross Section



14

Incident Energy (MeV)

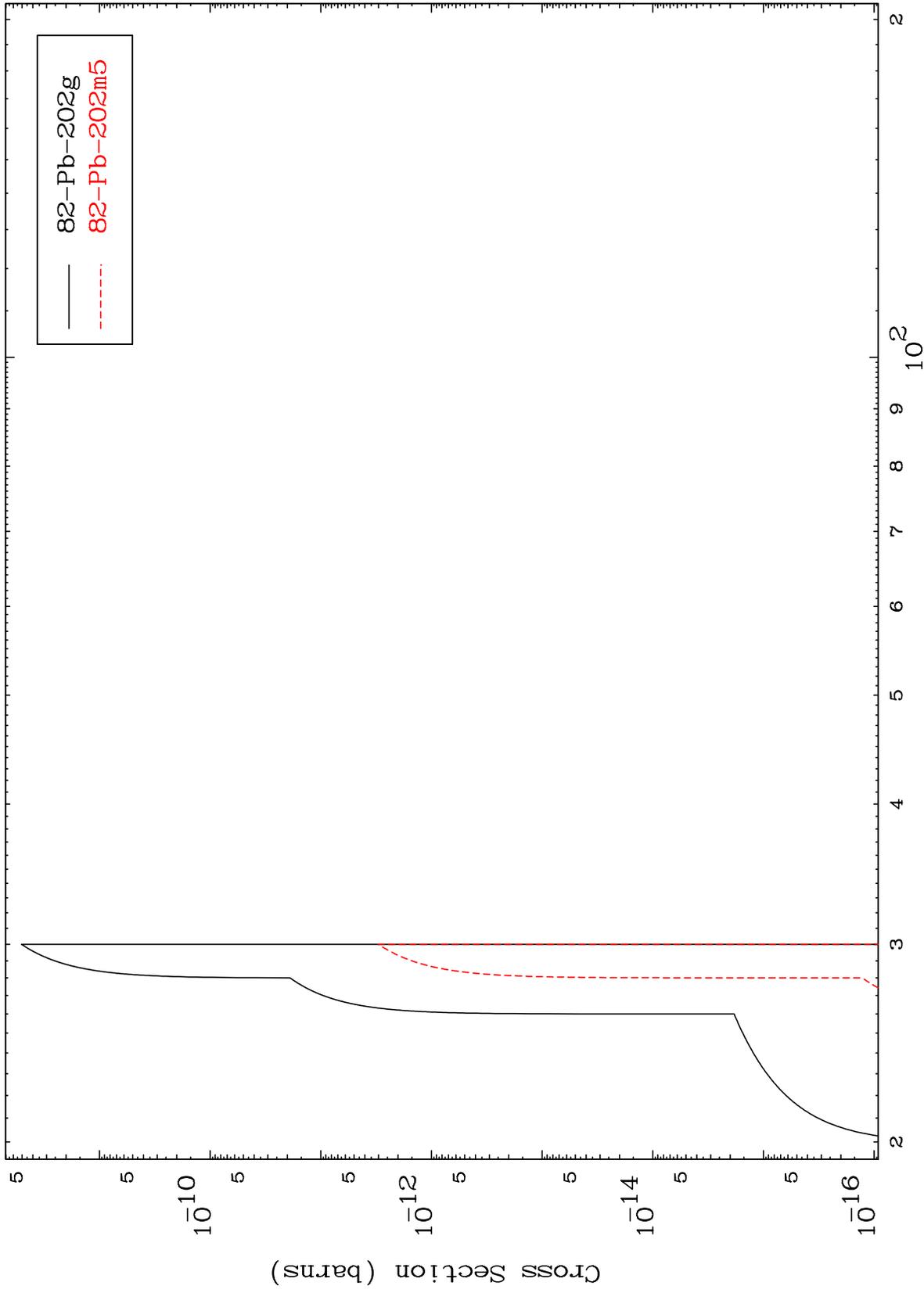
82-Pb-201

MAT 8216

($\alpha, 2n$) p

82-Pb-201

Radionuclide Production Cross Section



15

Incident Energy (MeV)

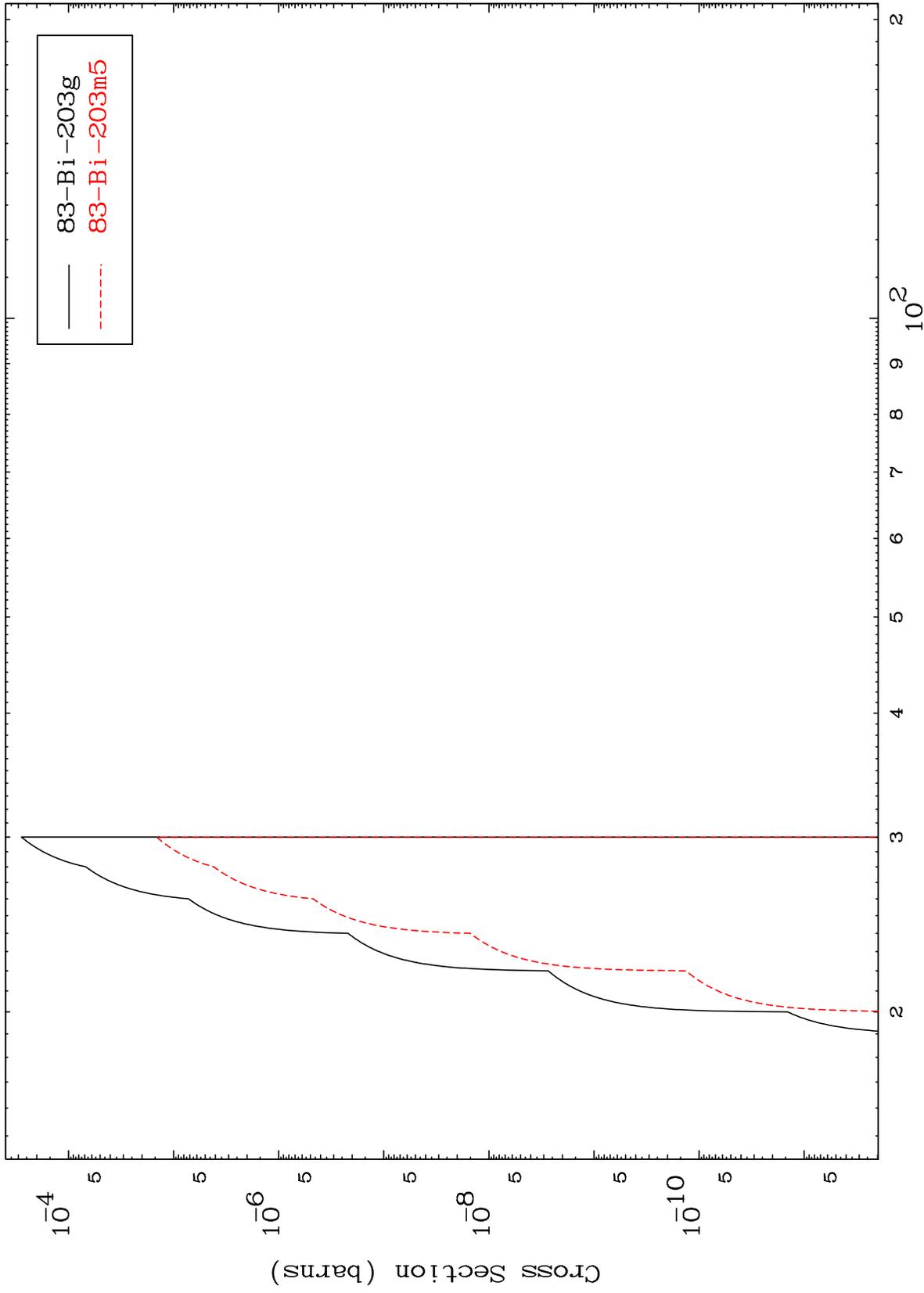
82-Pb-201

MAT 8216

(α, d)

82-Pb-201

Radionuclide Production Cross Section



16

Incident Energy (MeV)

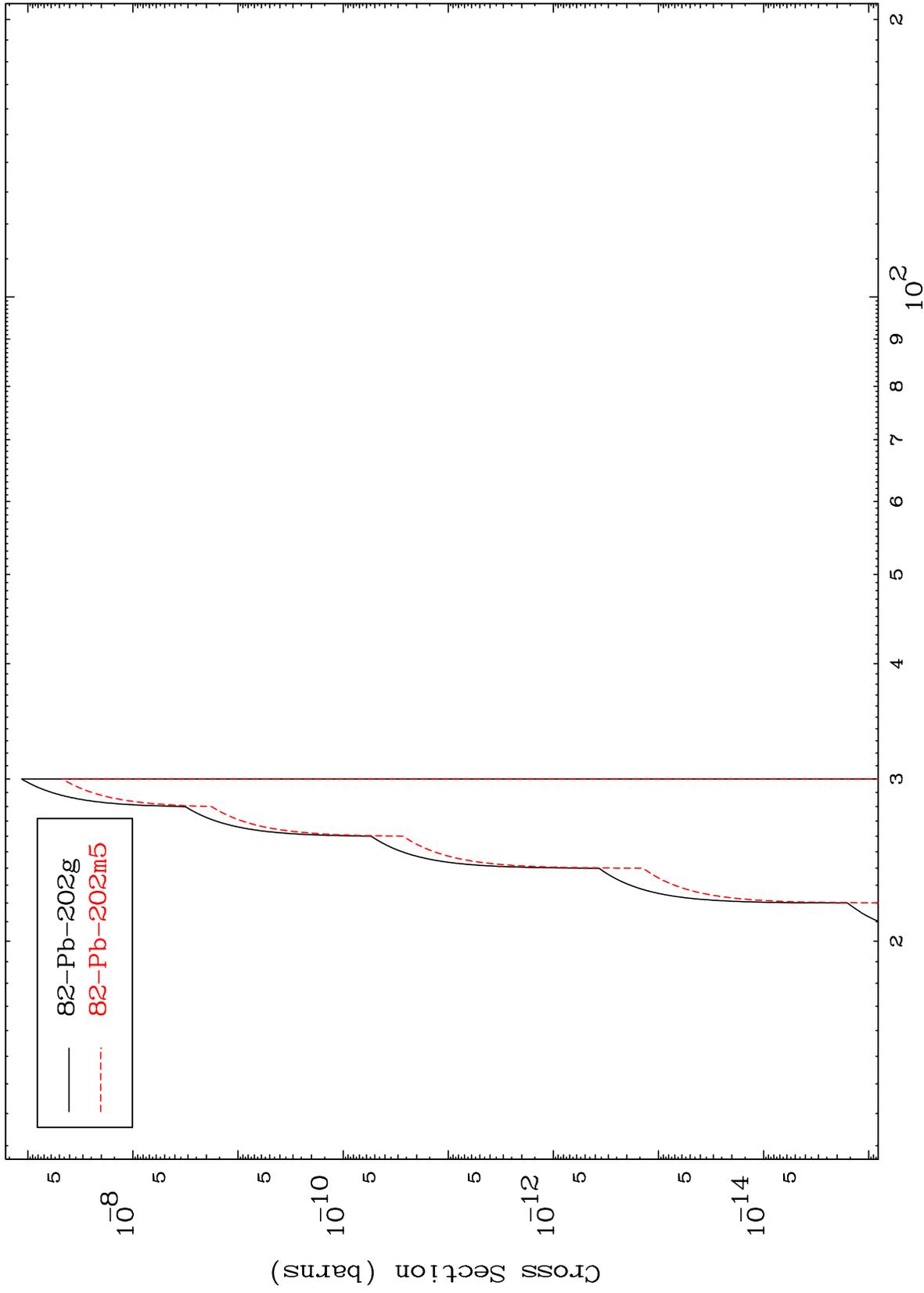
82-Pb-201

MAT 8216

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

82-Pb-201

Radionuclide Production Cross Section



17

Incident Energy (MeV)

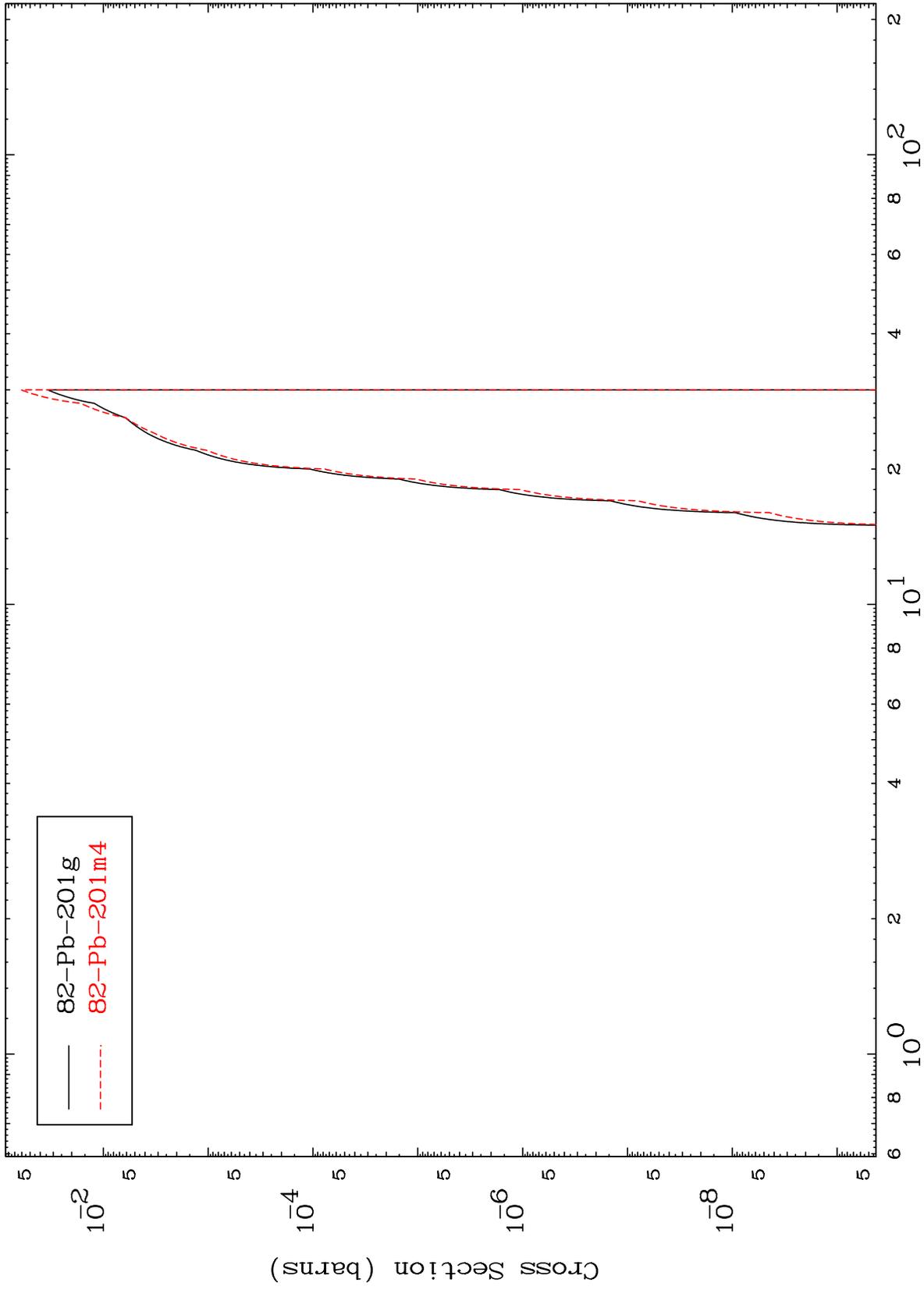
82-Pb-201

MAT 8216

(α, α)

82-Pb-201

Radionuclide Production Cross Section



18

Incident Energy (MeV)

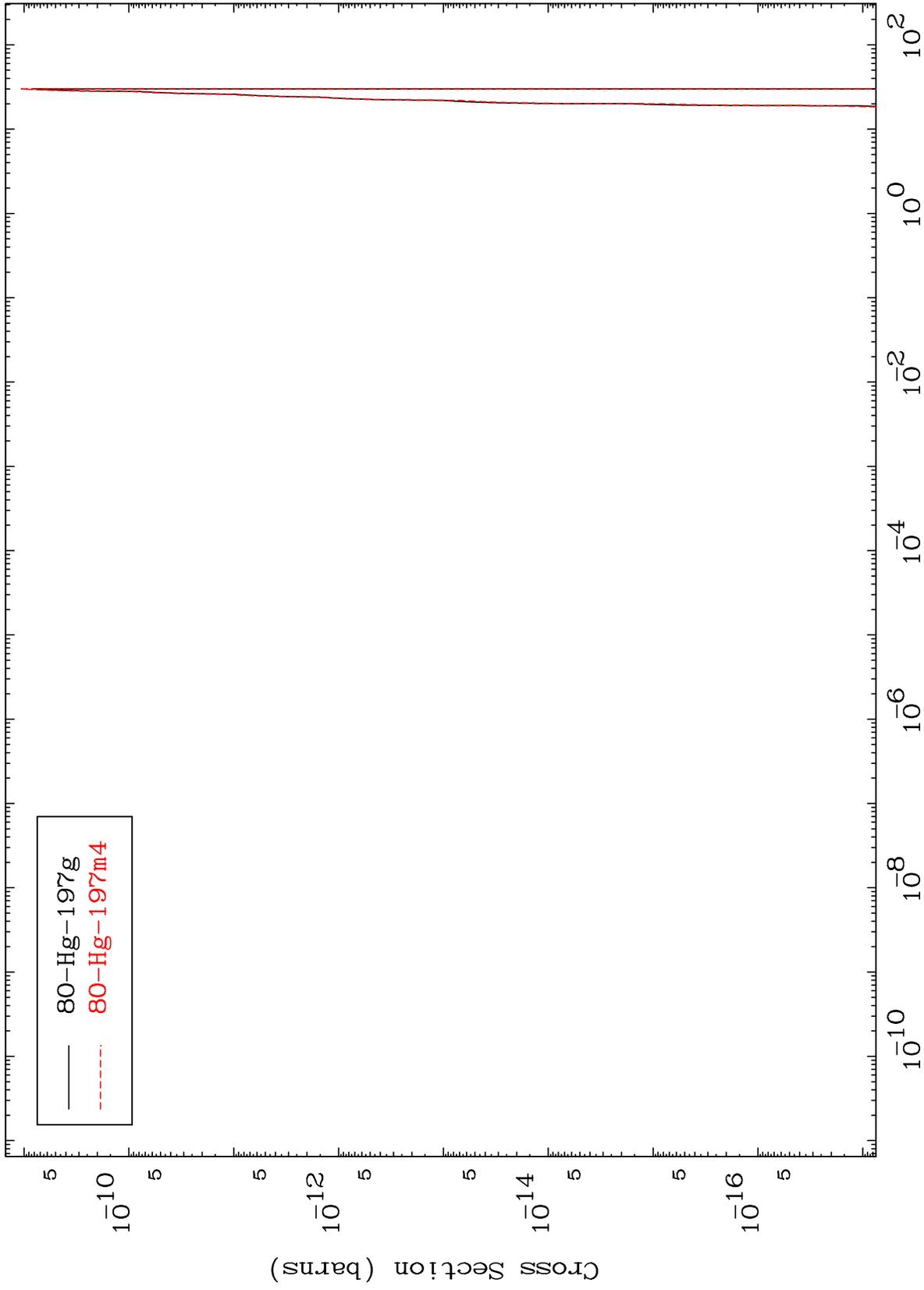
82-Pb-201

MAT 8216

($\alpha, 2\alpha$)

82-Pb-201

Radionuclide Production Cross Section



19

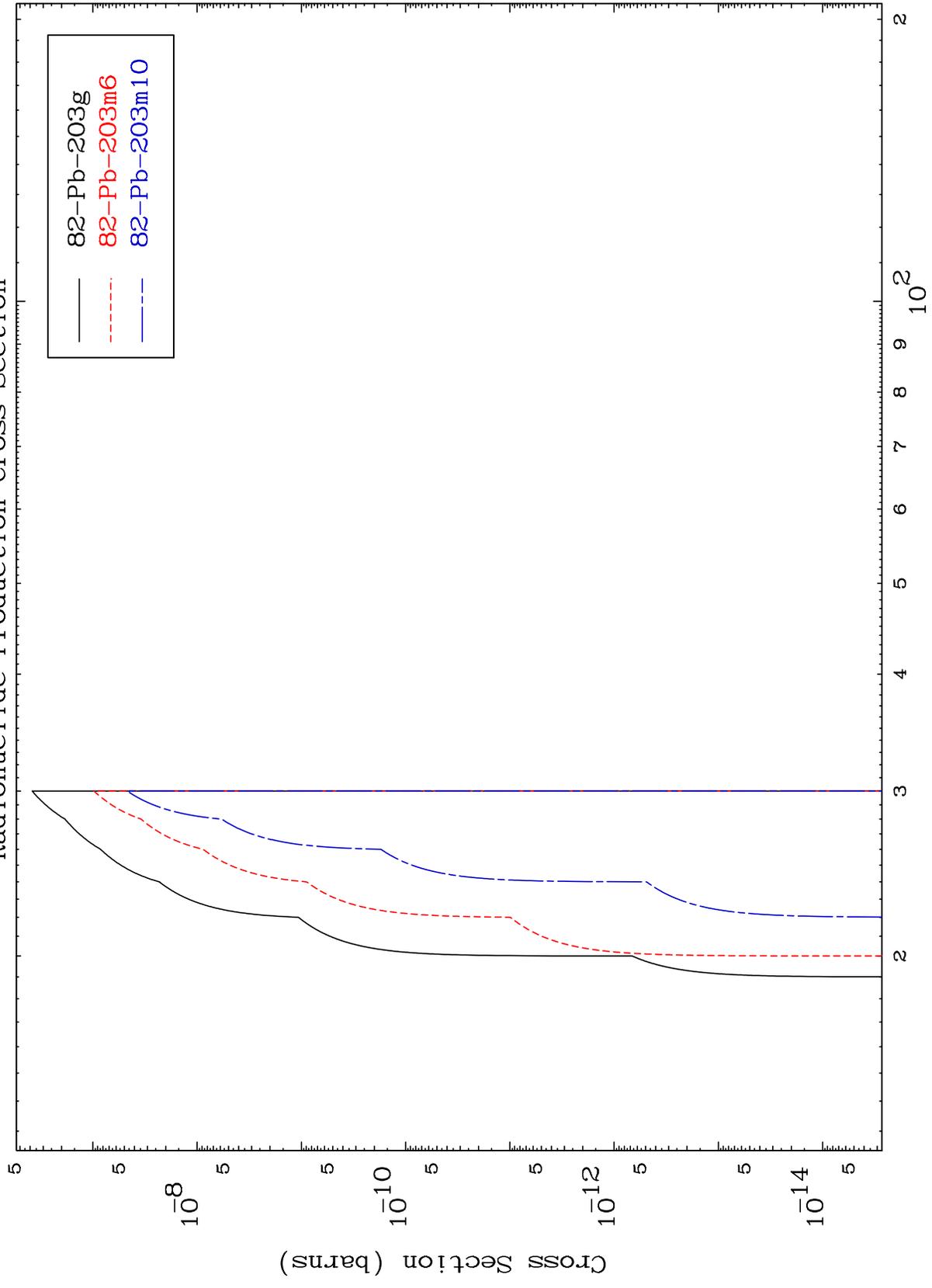
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

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



20

82-Pb-201