

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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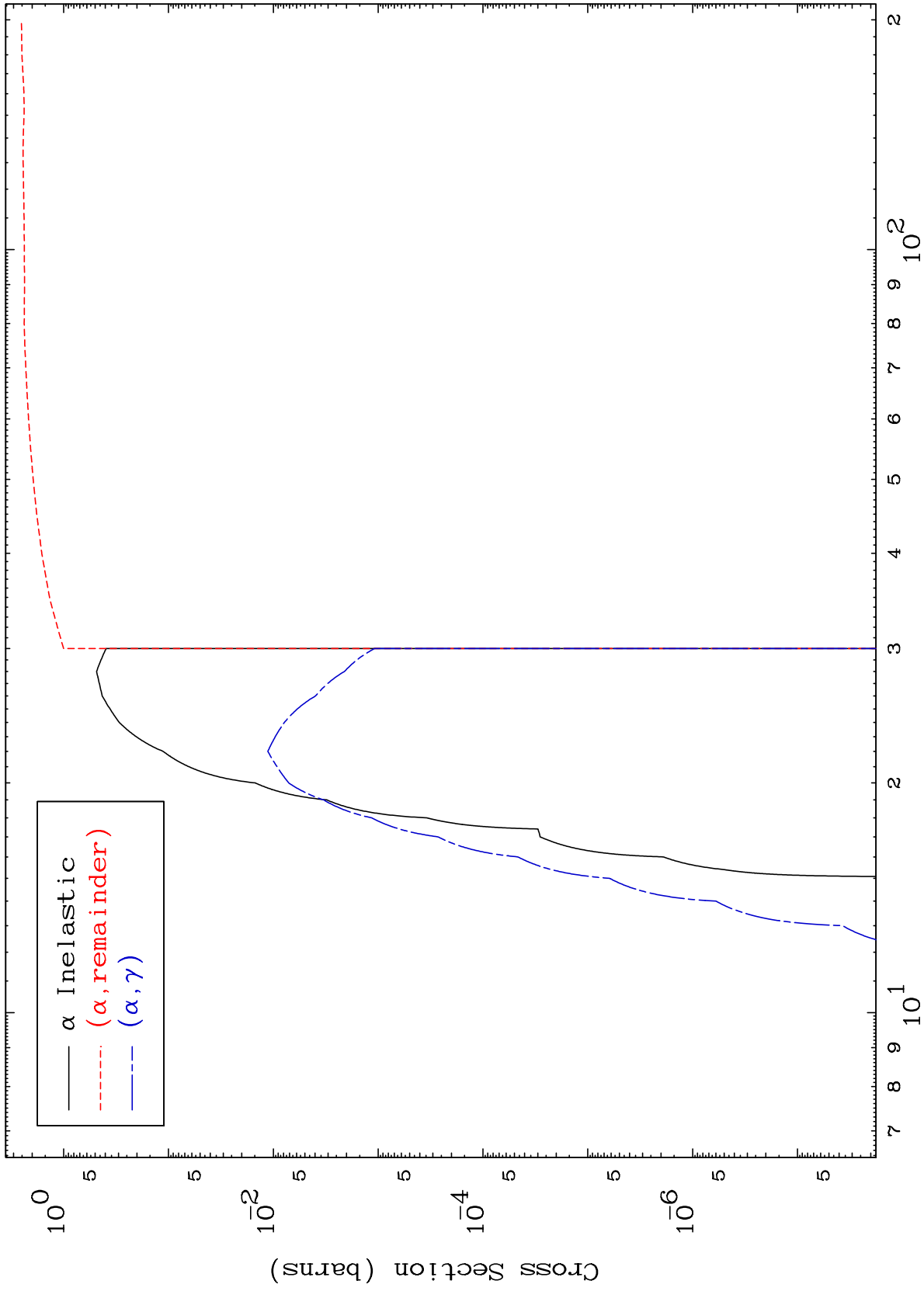
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8187

0 Kelvin α Major
Cross Sections

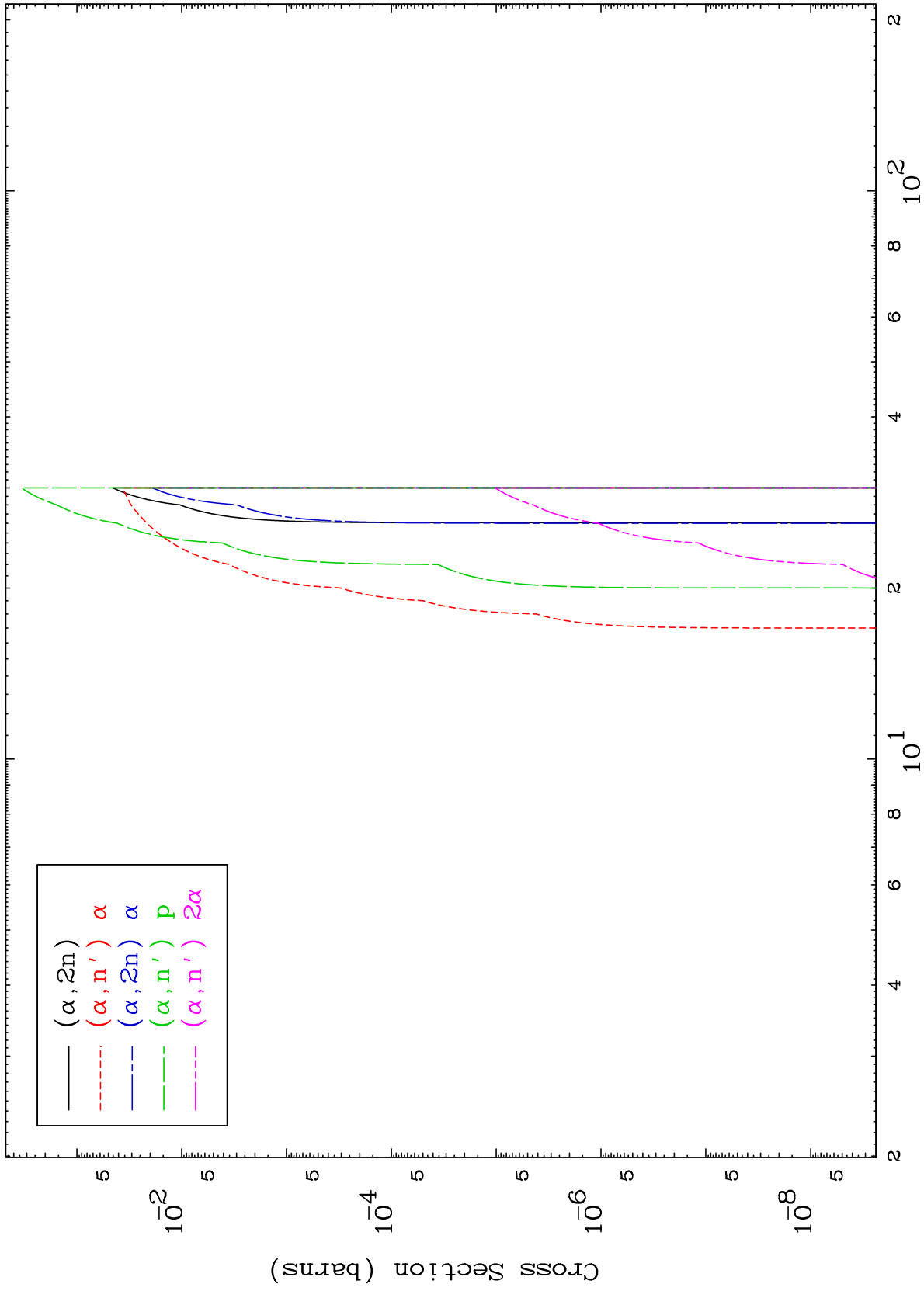
82-Pb-191

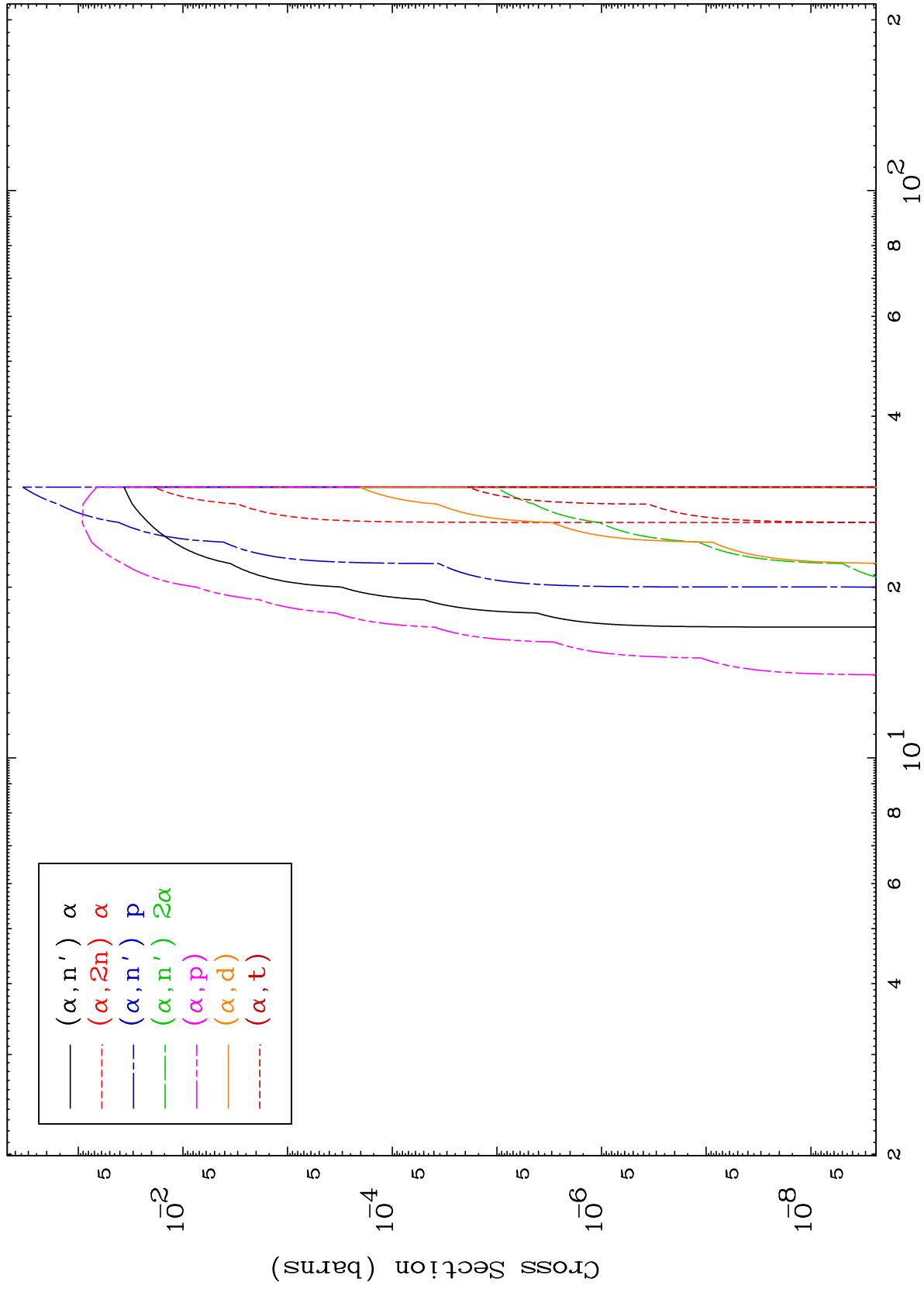


1

Incident Energy (MeV)

82-Pb-191

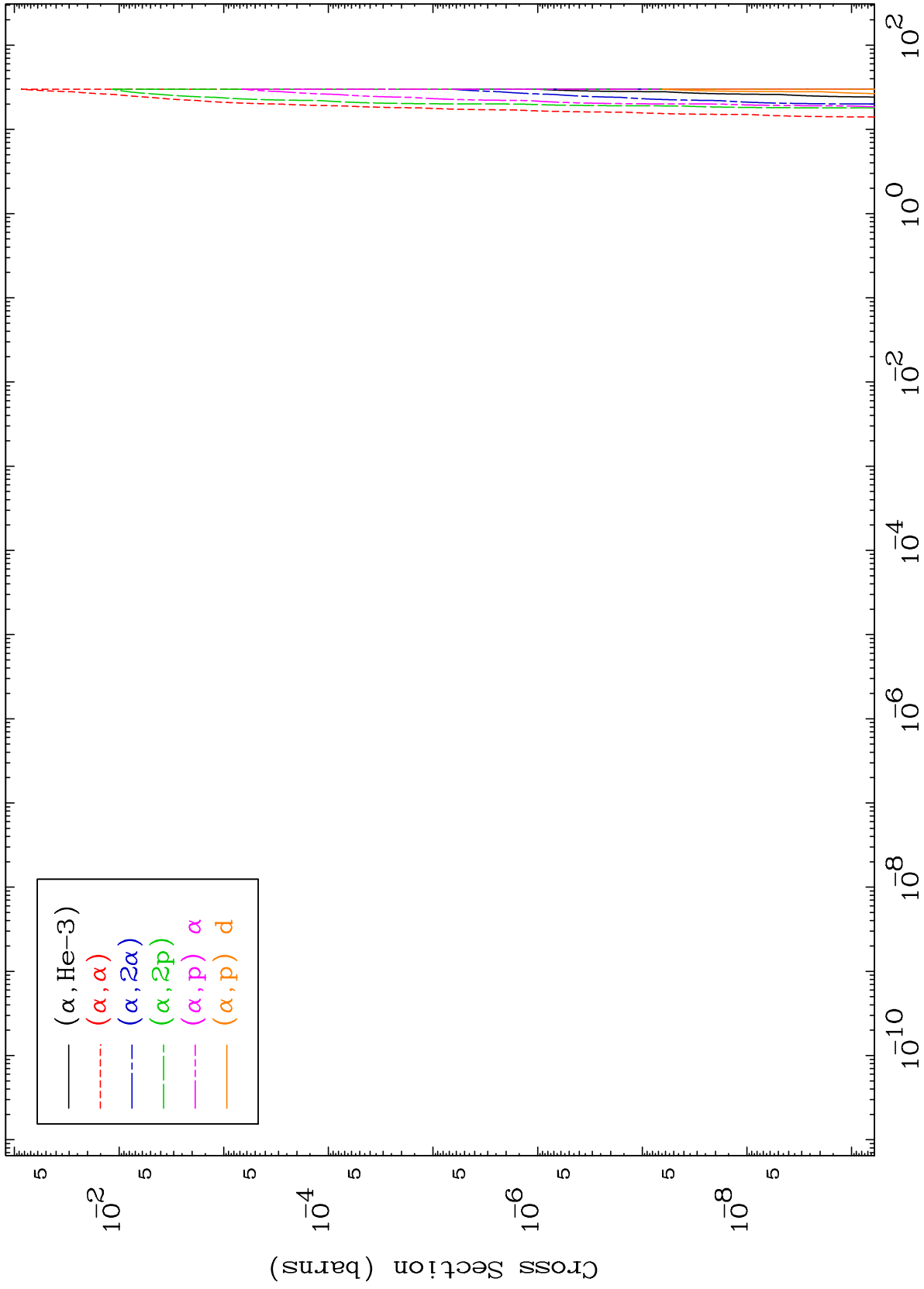




MAT 8187

α Charged Particle
0 Kelvin Cross Sections

82-Pb-191

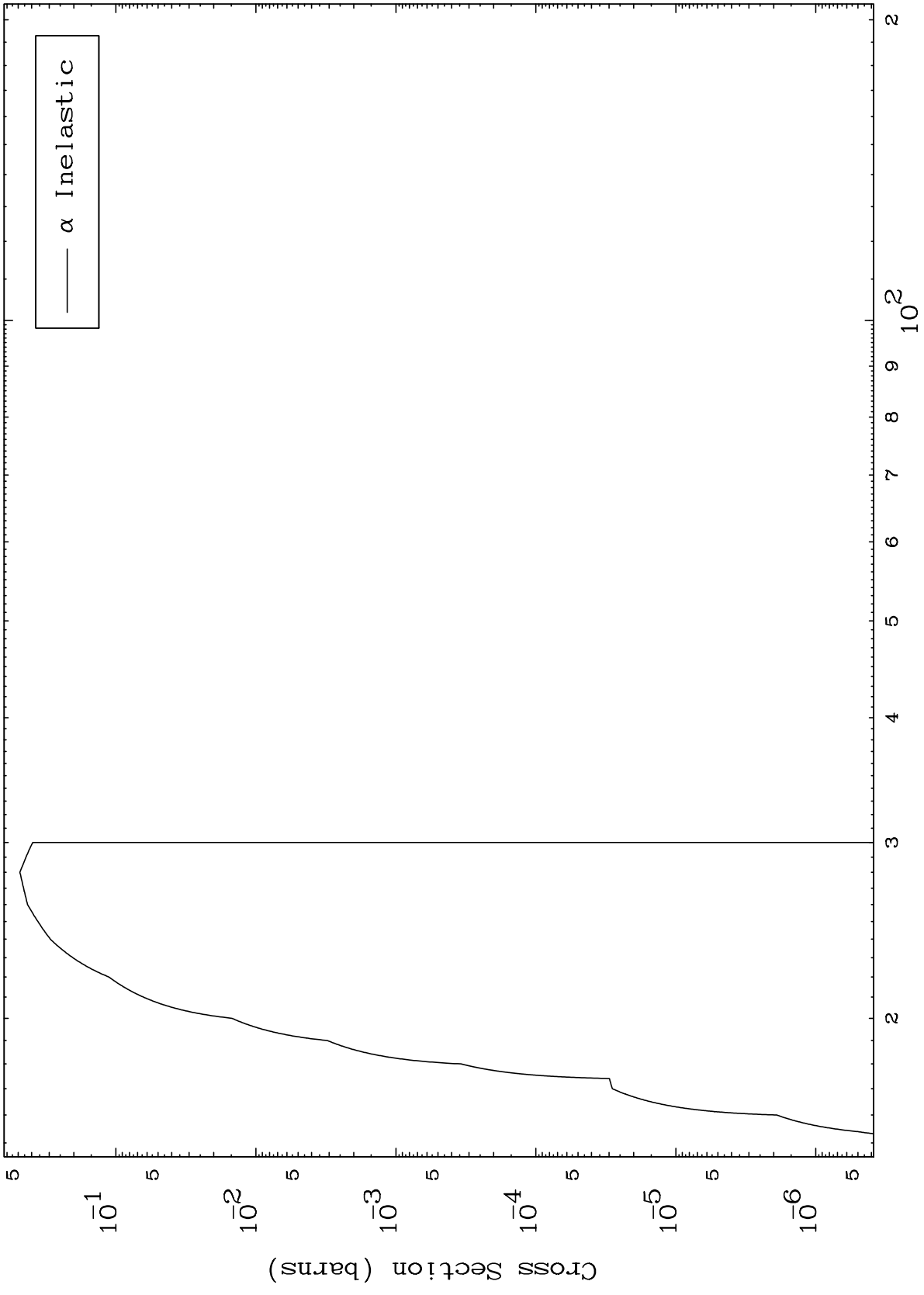


82-Pb-191

MAT 8187

(α, n') Level
0 Kelvin Cross Sections

82-Pb-191



5

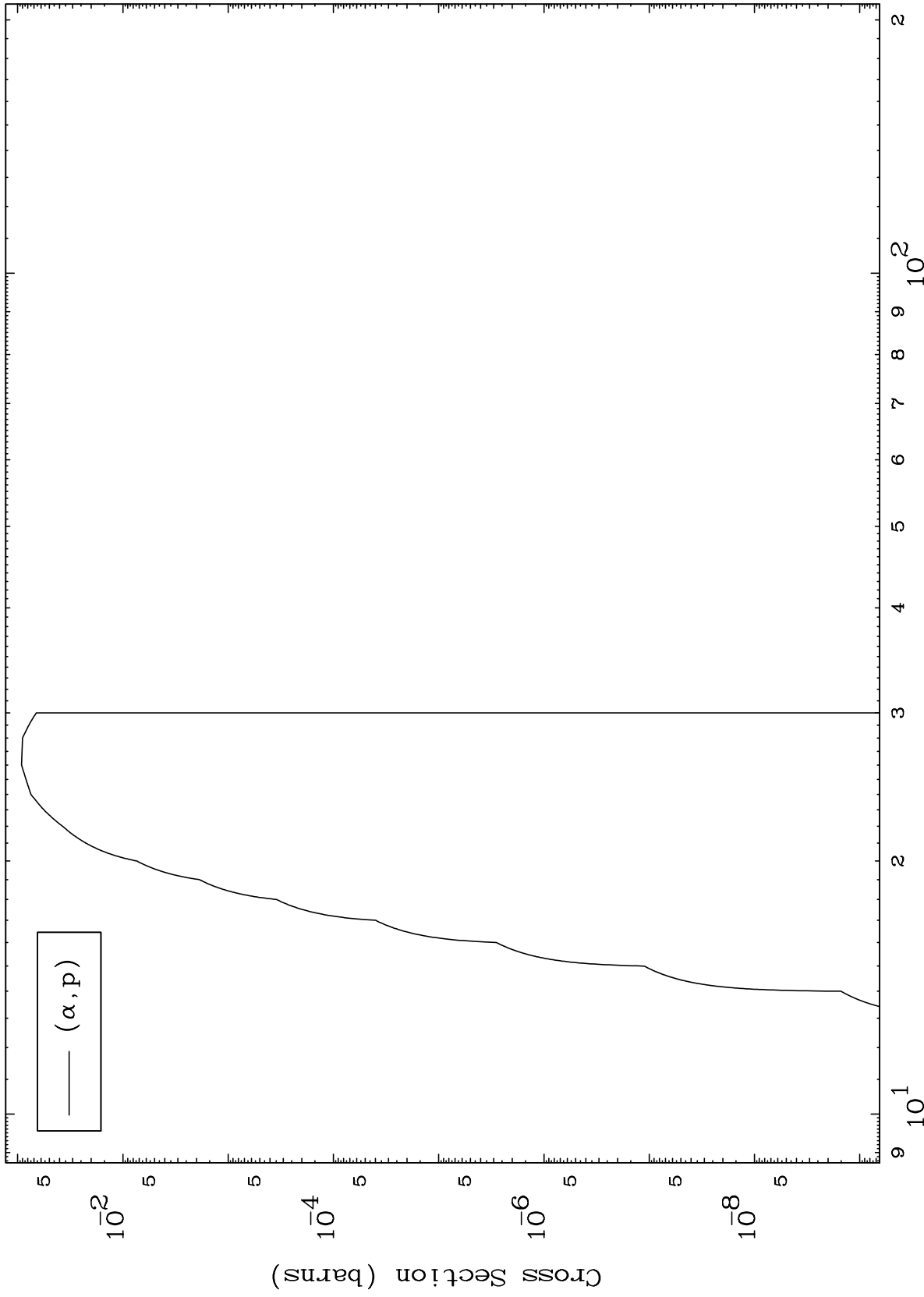
Incident Energy (MeV)

82-Pb-191

MAT 8187

(α, p) Levels
0 Kelvin Cross Sections

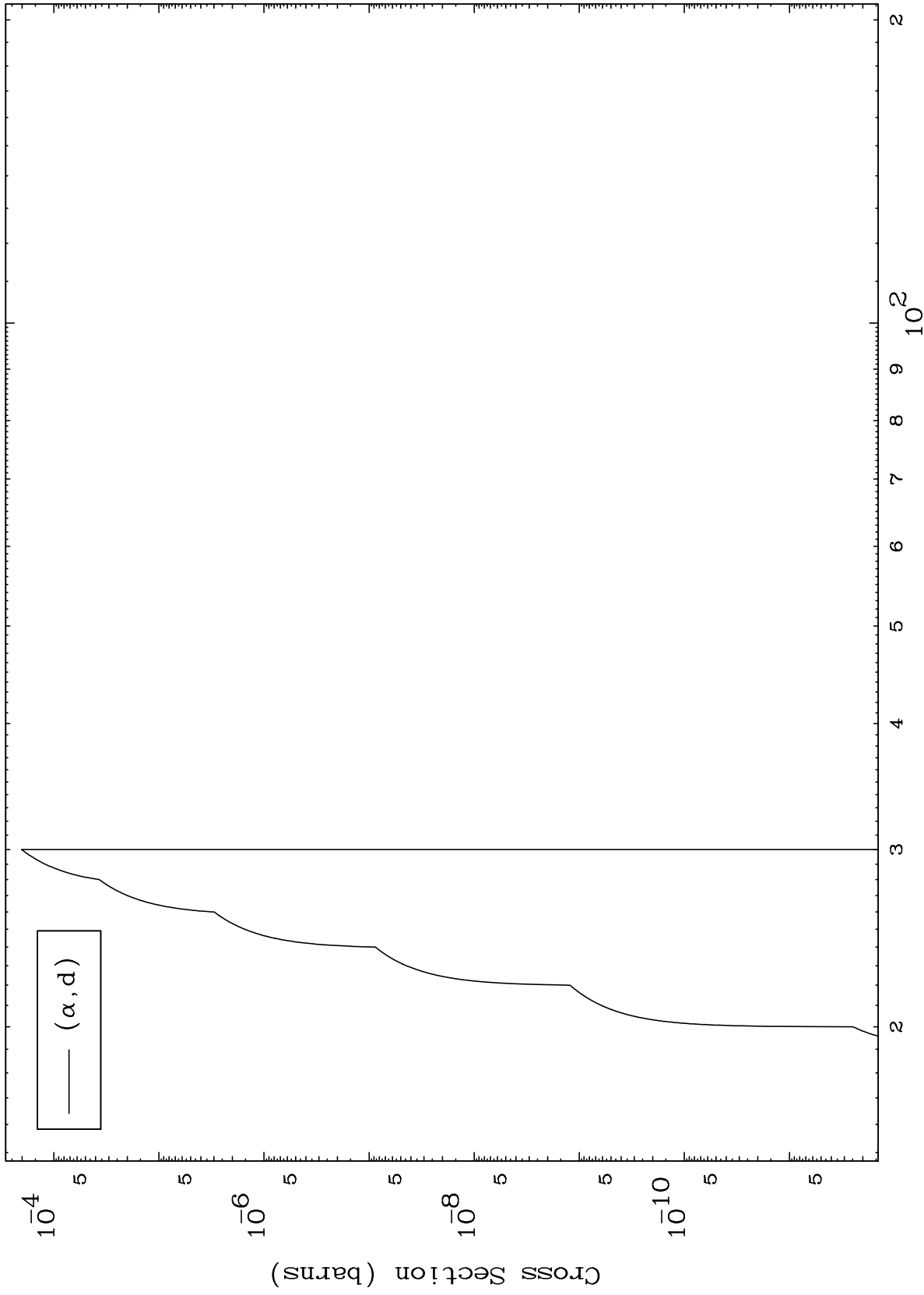
82-Pb-191



82-Pb-191

Incident Energy (MeV)

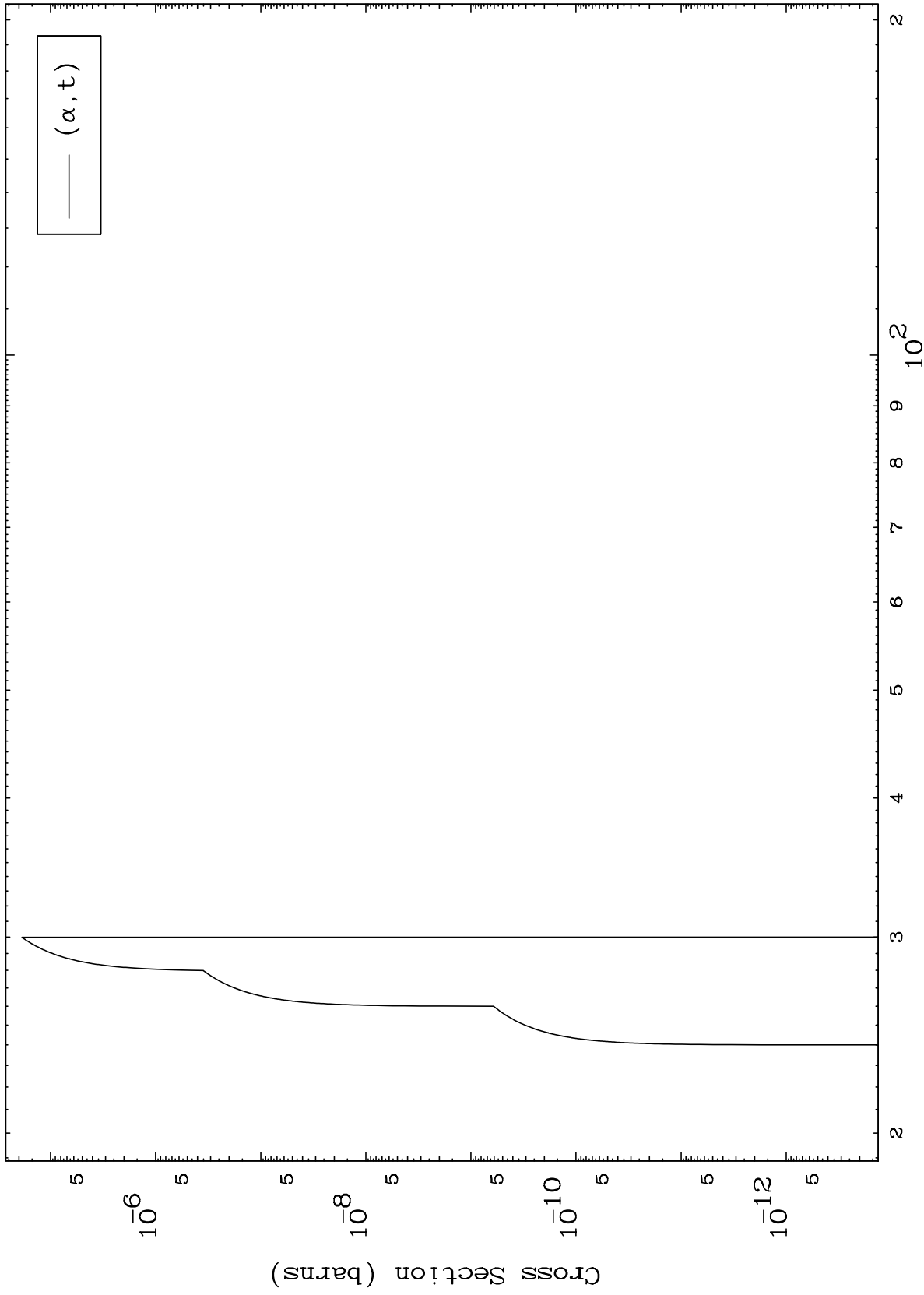
6



MAT 8187

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-191



8

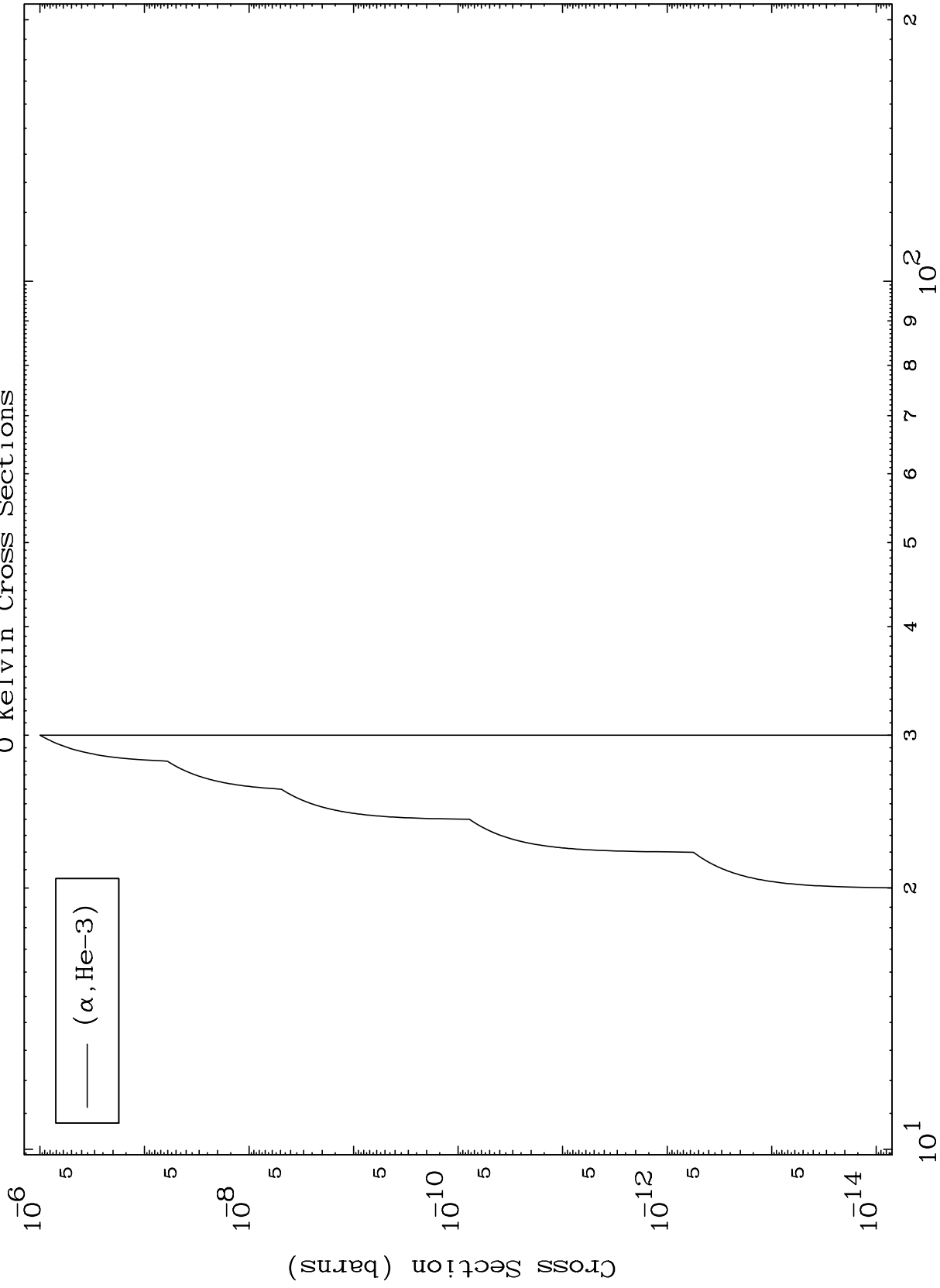
Incident Energy (MeV)

82-Pb-191

MAT 8187

(α ,He3) Levels
0 Kelvin Cross Sections

82-Pb-191



9

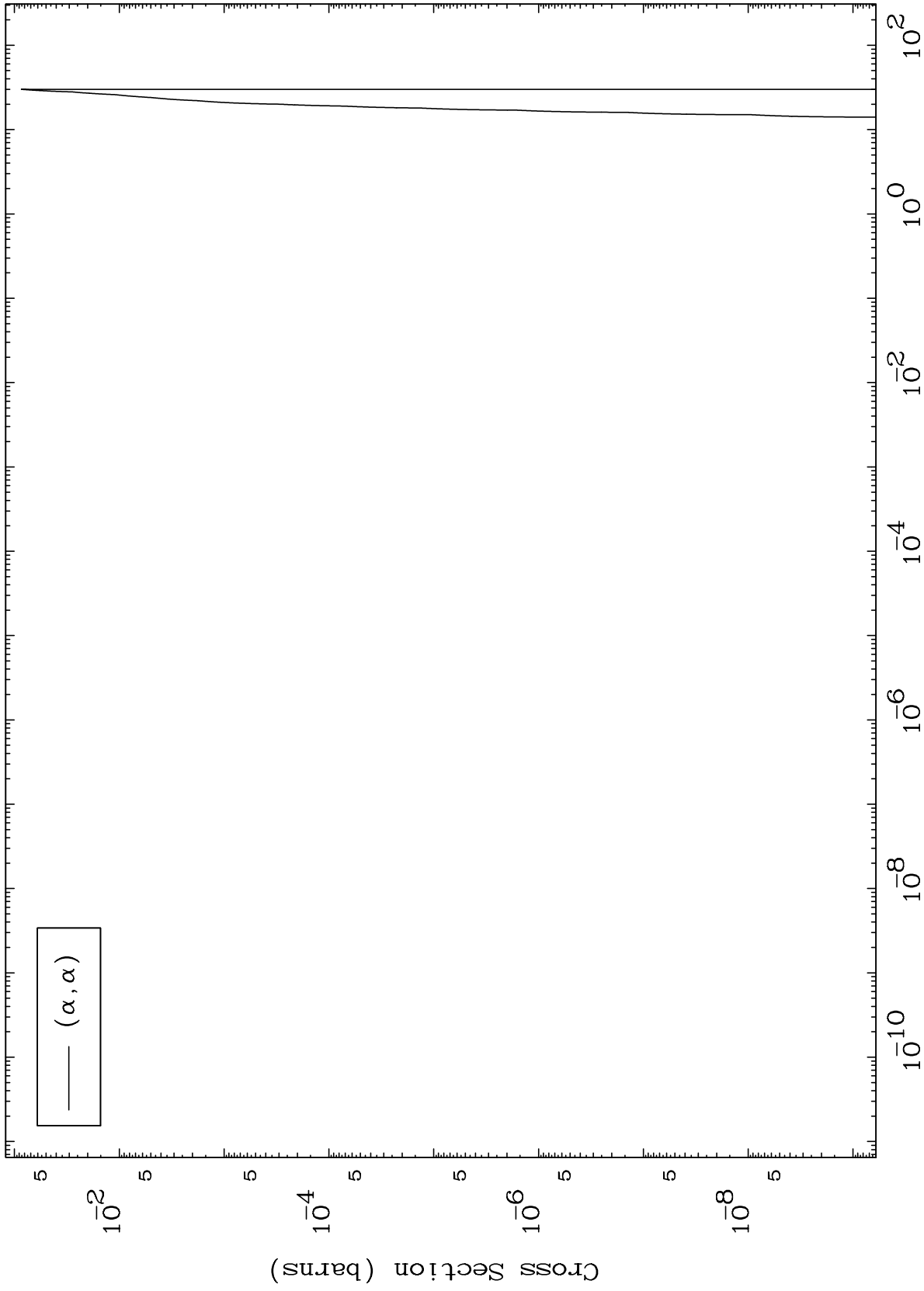
Incident Energy (MeV)

82-Pb-191

MAT 8187

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-191



10

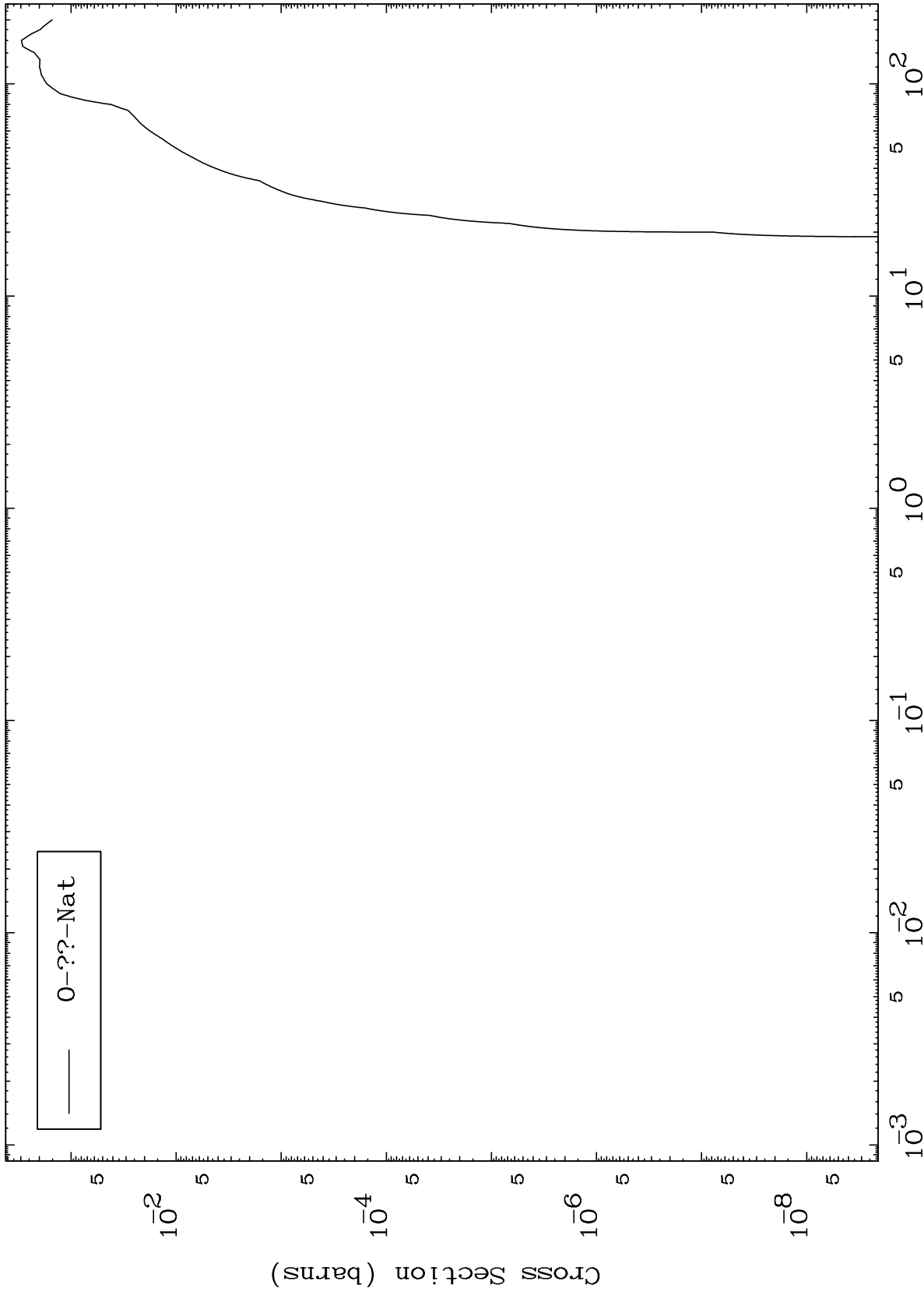
Incident Energy (MeV)

82-Pb-191

MAT 8187

α Fission
Radionuclide Production Cross Section

82-Pb-191



11

Incident Energy (MeV)

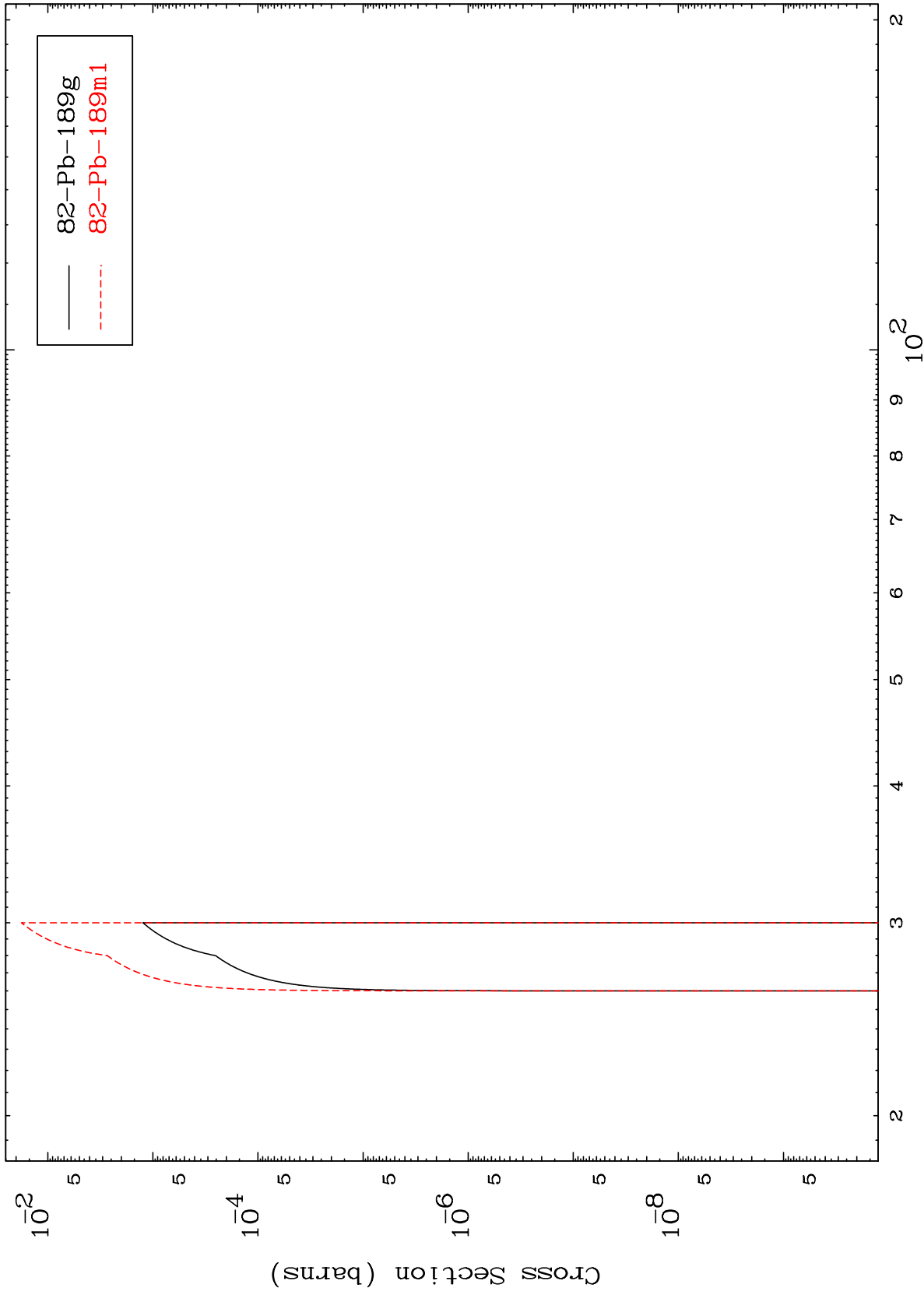
82-Pb-191

MAT 8187

$(\alpha, 2n) \alpha$

82-Pb-191

Radionuclide Production Cross Section



12

Incident Energy (MeV)

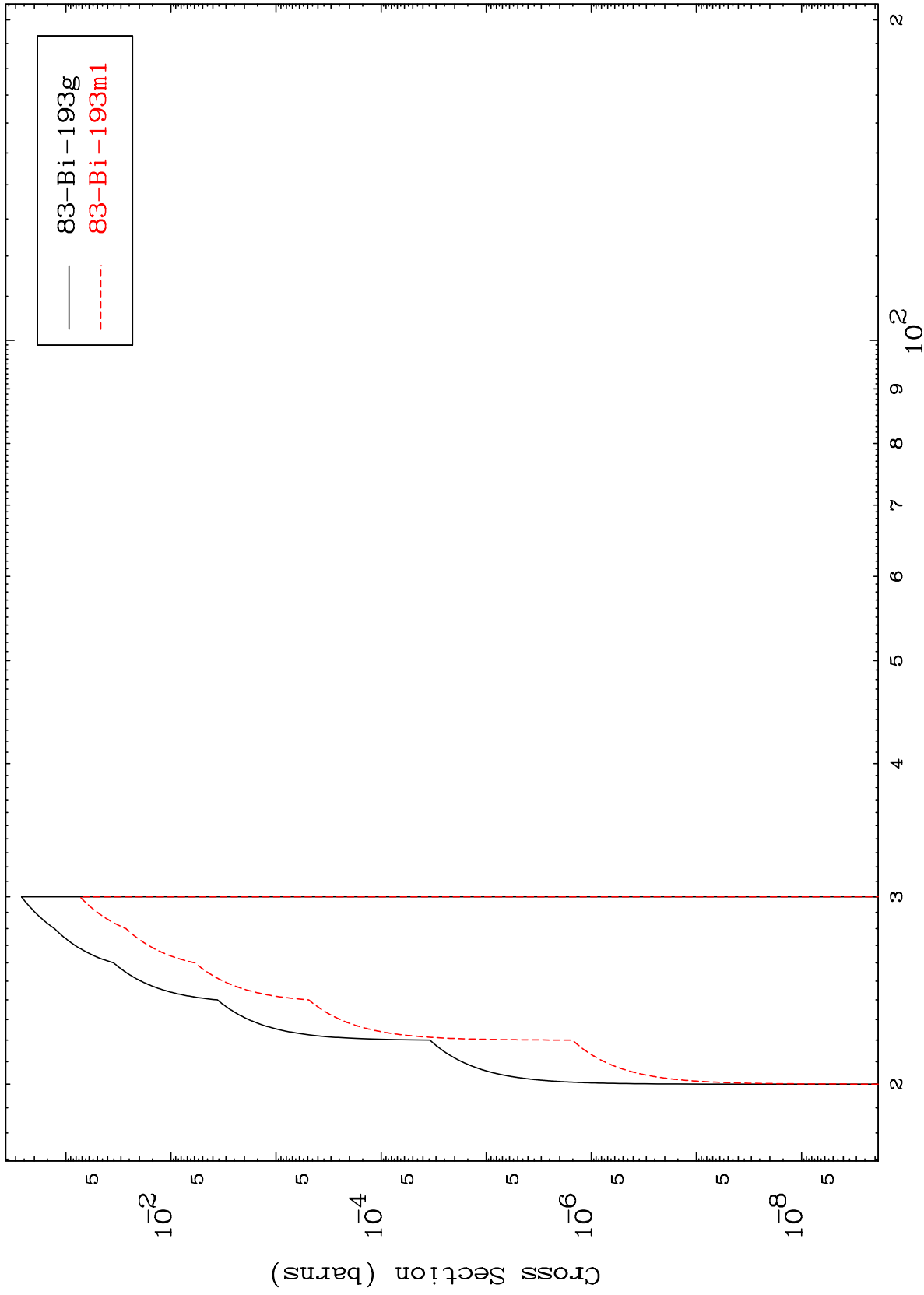
82-Pb-191

MAT 8187

(α, n') p

82-Pb-191

Radionuclide Production Cross Section



13

Incident Energy (MeV)

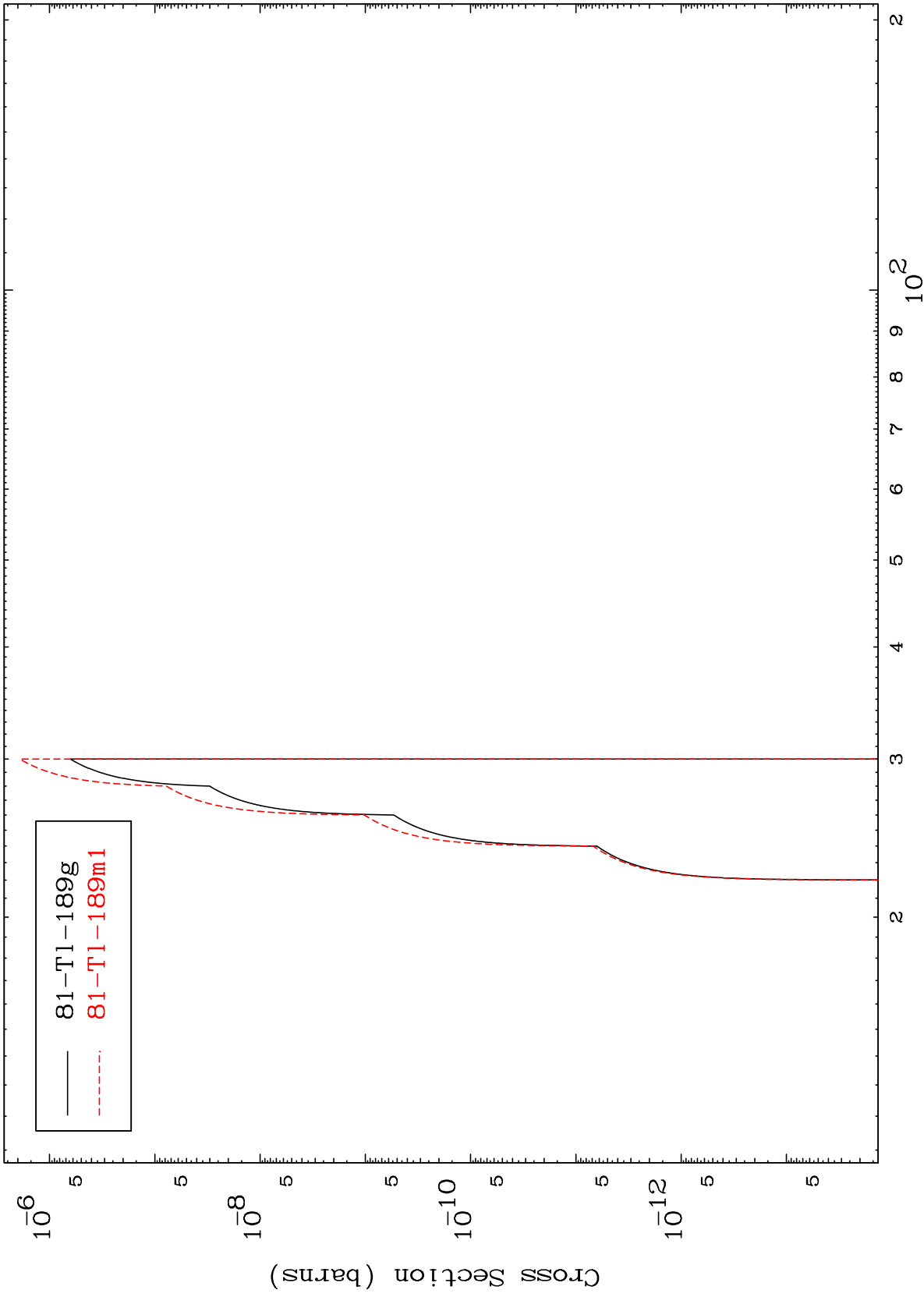
82-Pb-191

MAT 8187

(α, n') p α

82-Pb-191

Radionuclide Production Cross Section



14

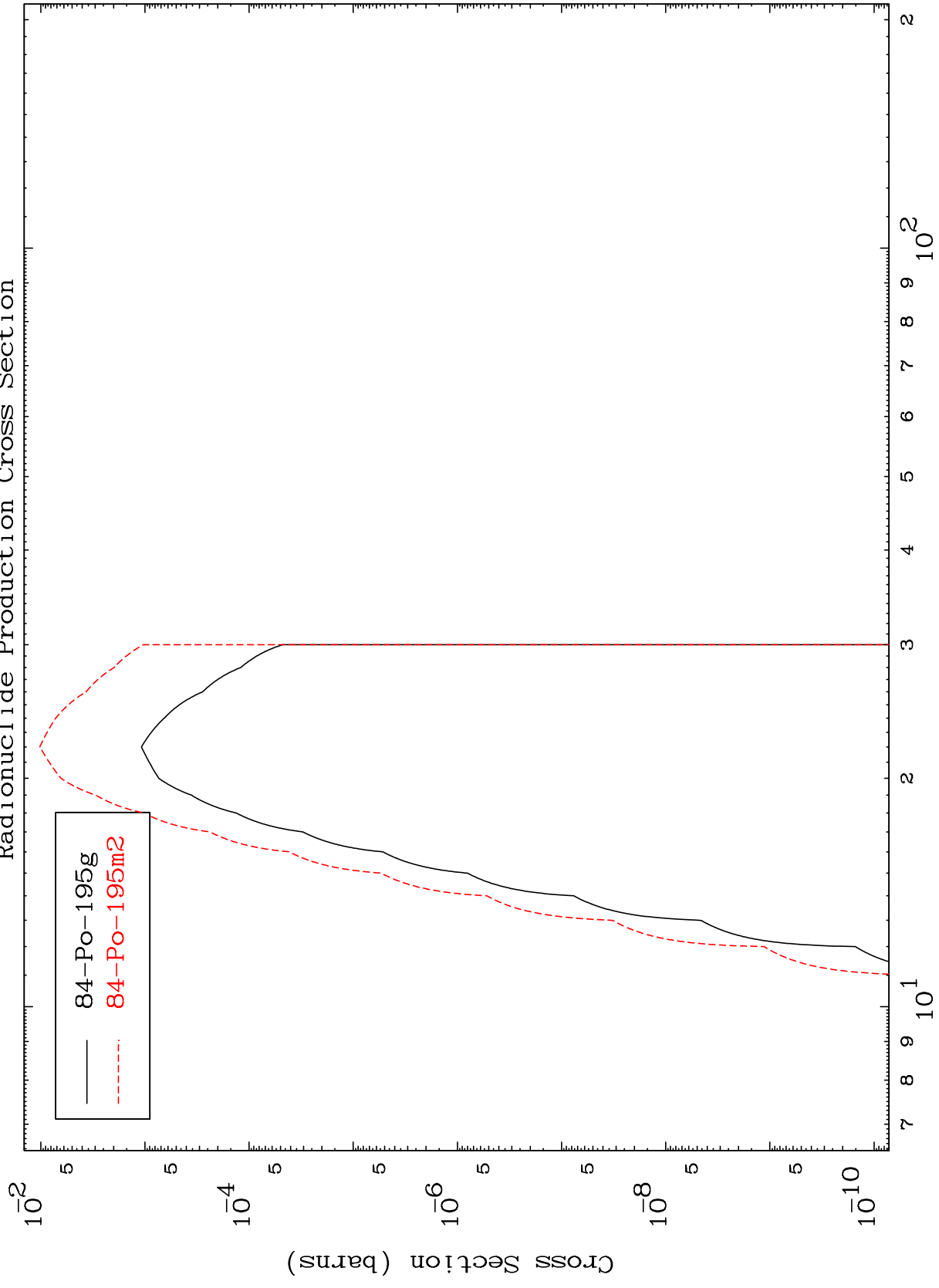
Incident Energy (MeV)

82-Pb-191

MAT 8187

82-Pb-191

Radionuclide Production Cross Section



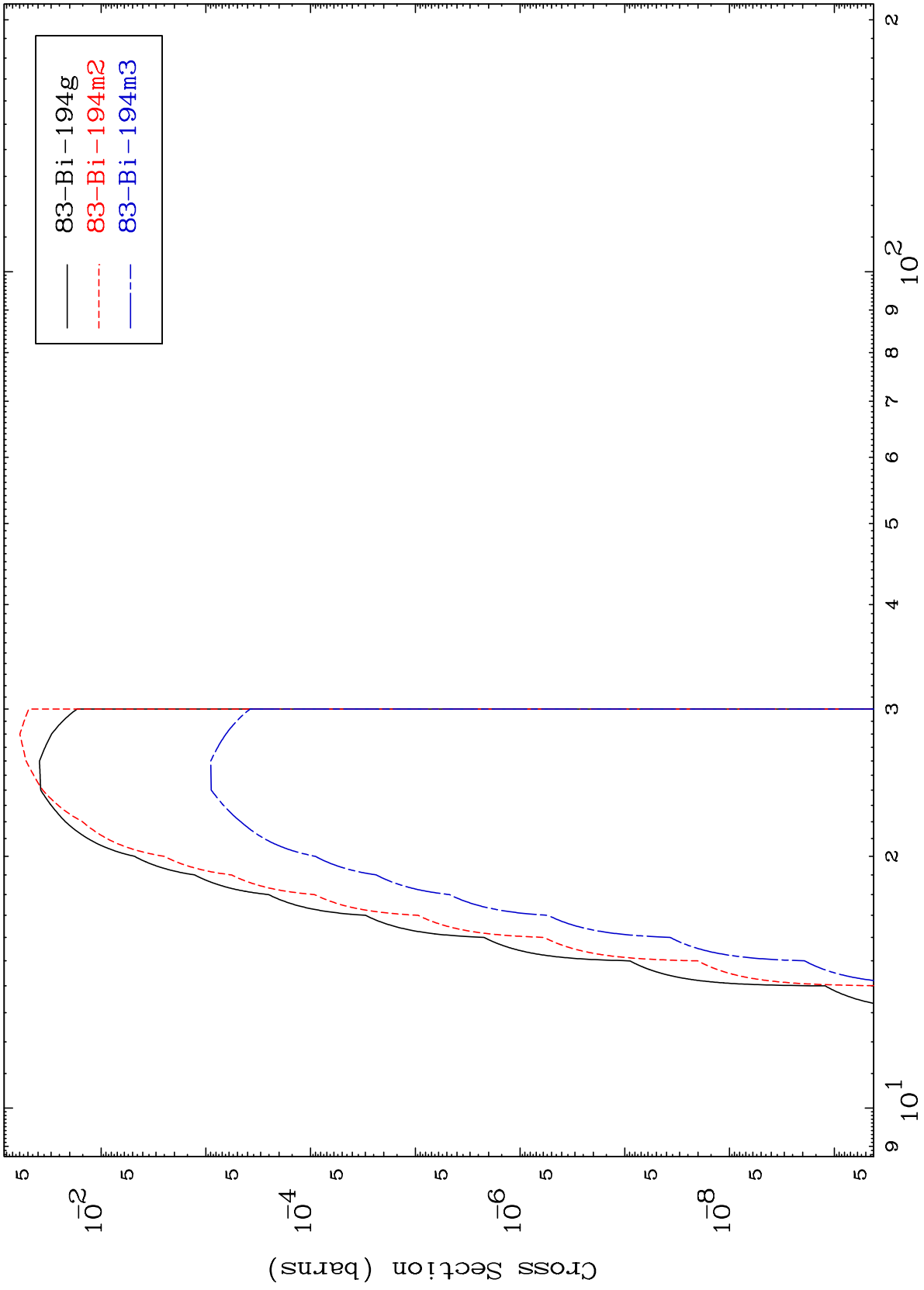
15

82-Pb-191

MAT 8187

82-Pb-191

(α, p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

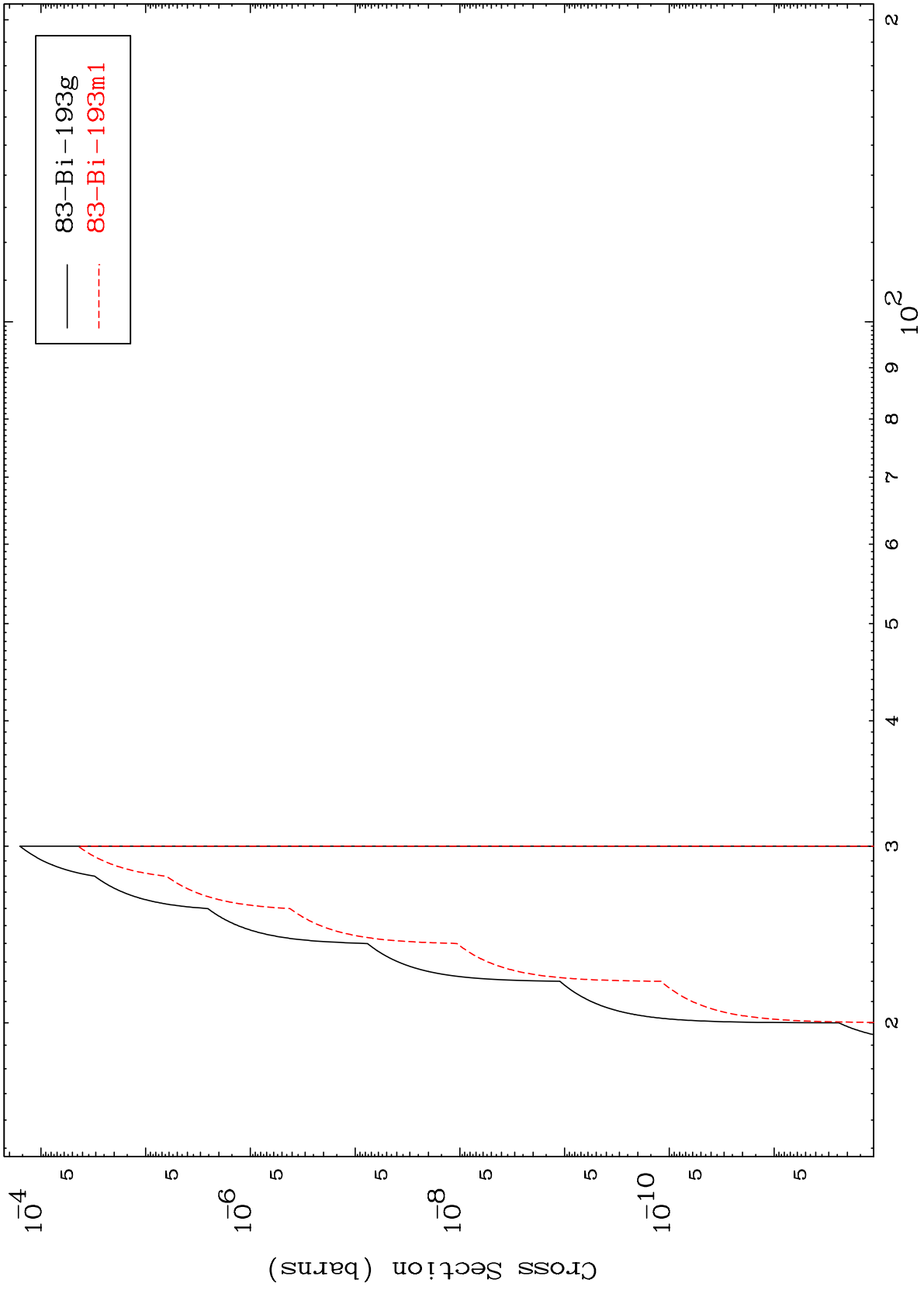
82-Pb-191

MAT 8187

(α, d)

82-Pb-191

Radionuclide Production Cross Section



17

Incident Energy (MeV)

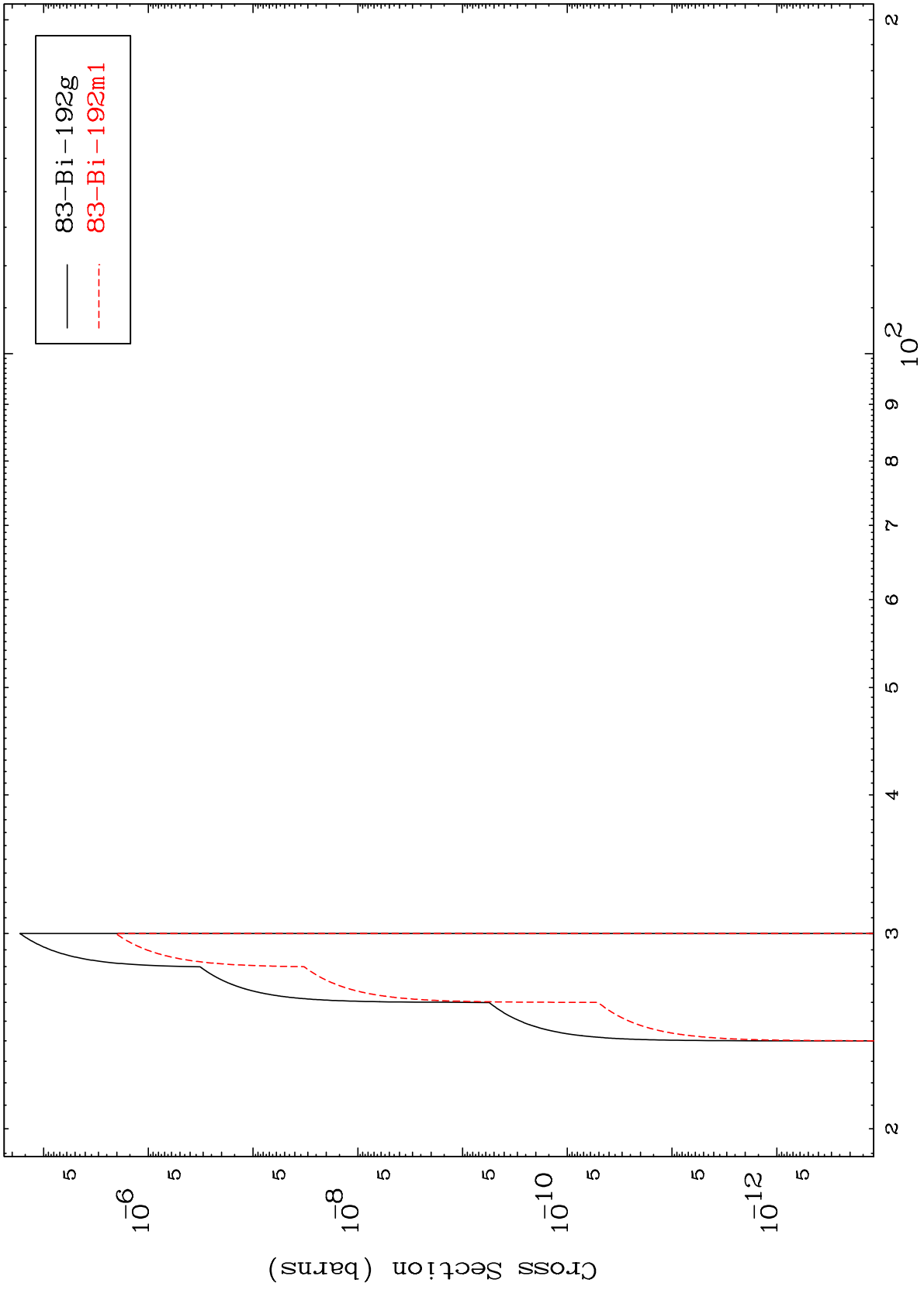
82-Pb-191

MAT 8187

(α, t)

82-Pb-191

Radionuclide Production Cross Section



18

Incident Energy (MeV)

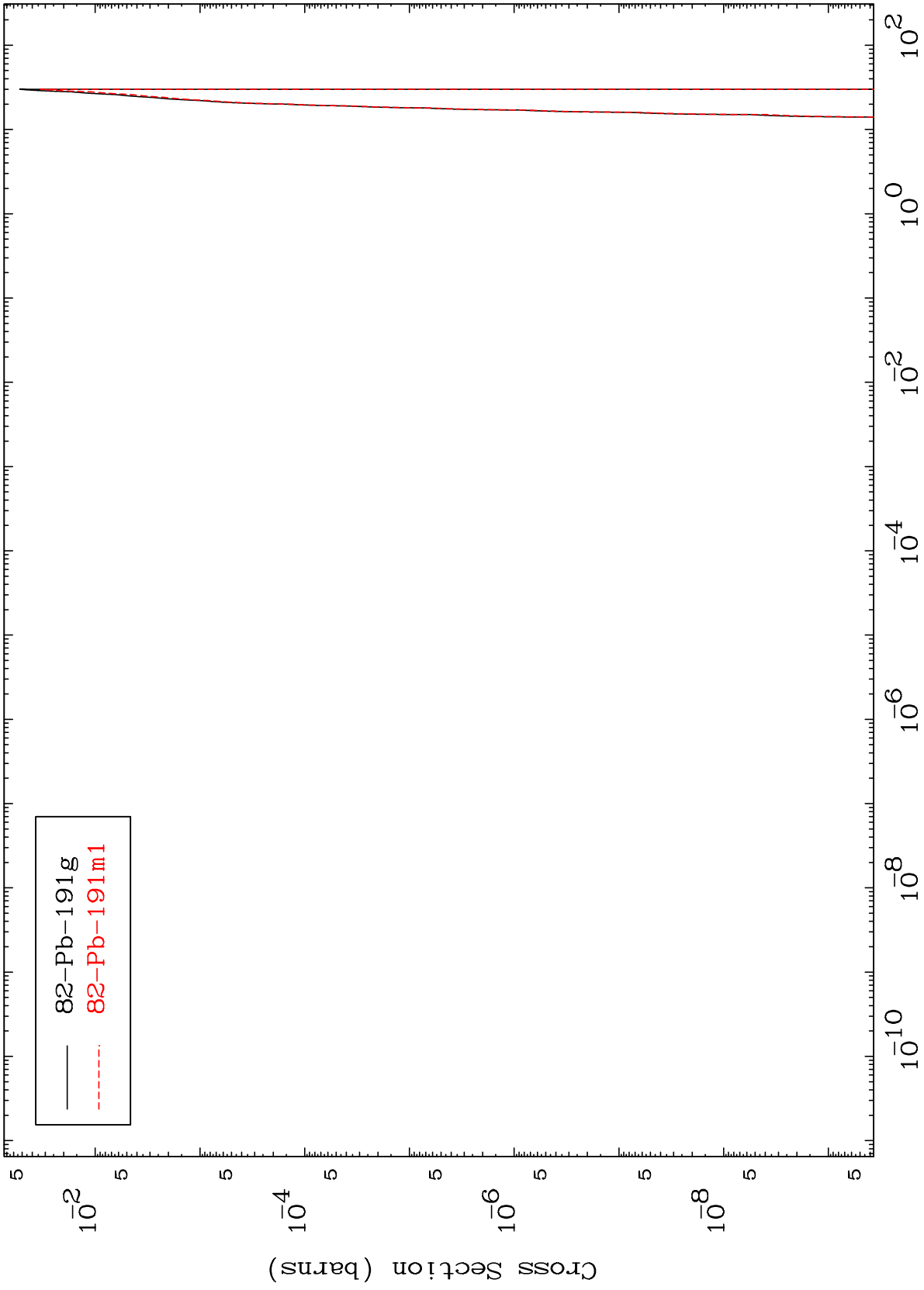
82-Pb-191

MAT 8187

(α, α)

82-Pb-191

Radionuclide Production Cross Section



19

Incident Energy (MeV)

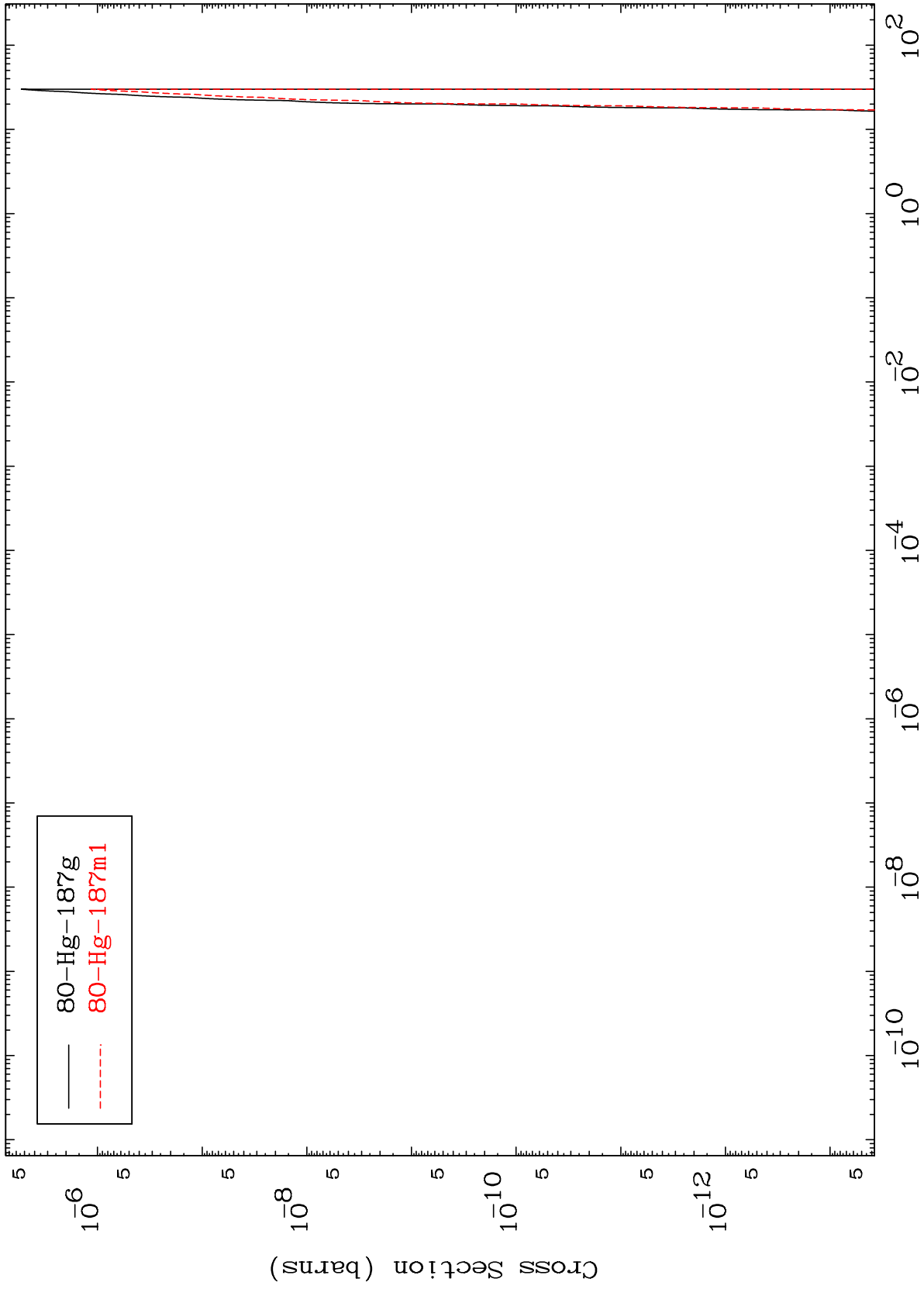
82-Pb-191

MAT 8187

($\alpha, 2\alpha$)

82-Pb-191

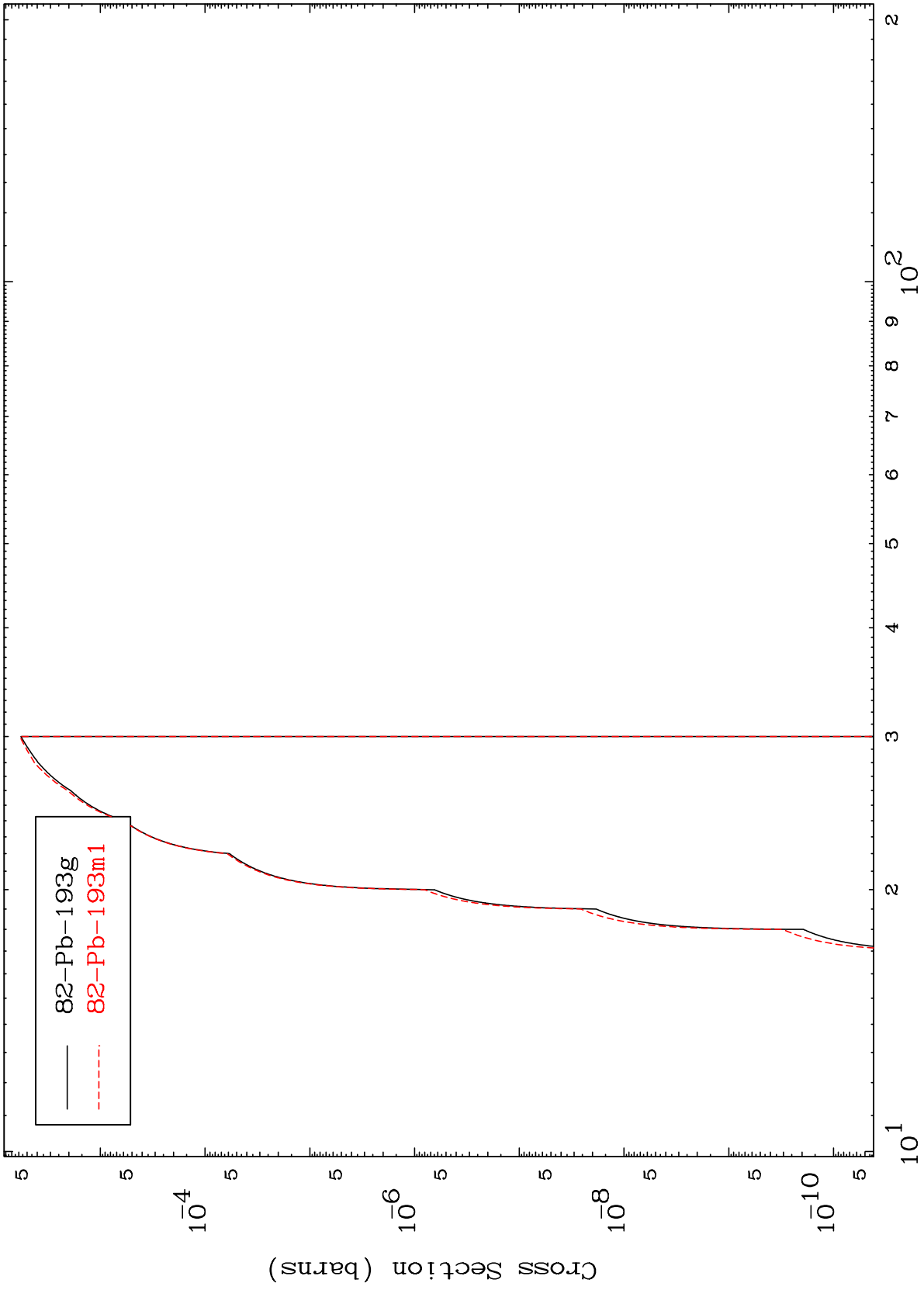
Radionuclide Production Cross Section



MAT 8187

82-Pb-191

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



21

Incident Energy (MeV)

82-Pb-191