

Program EVALPLOT
(Version 2018-1)

by

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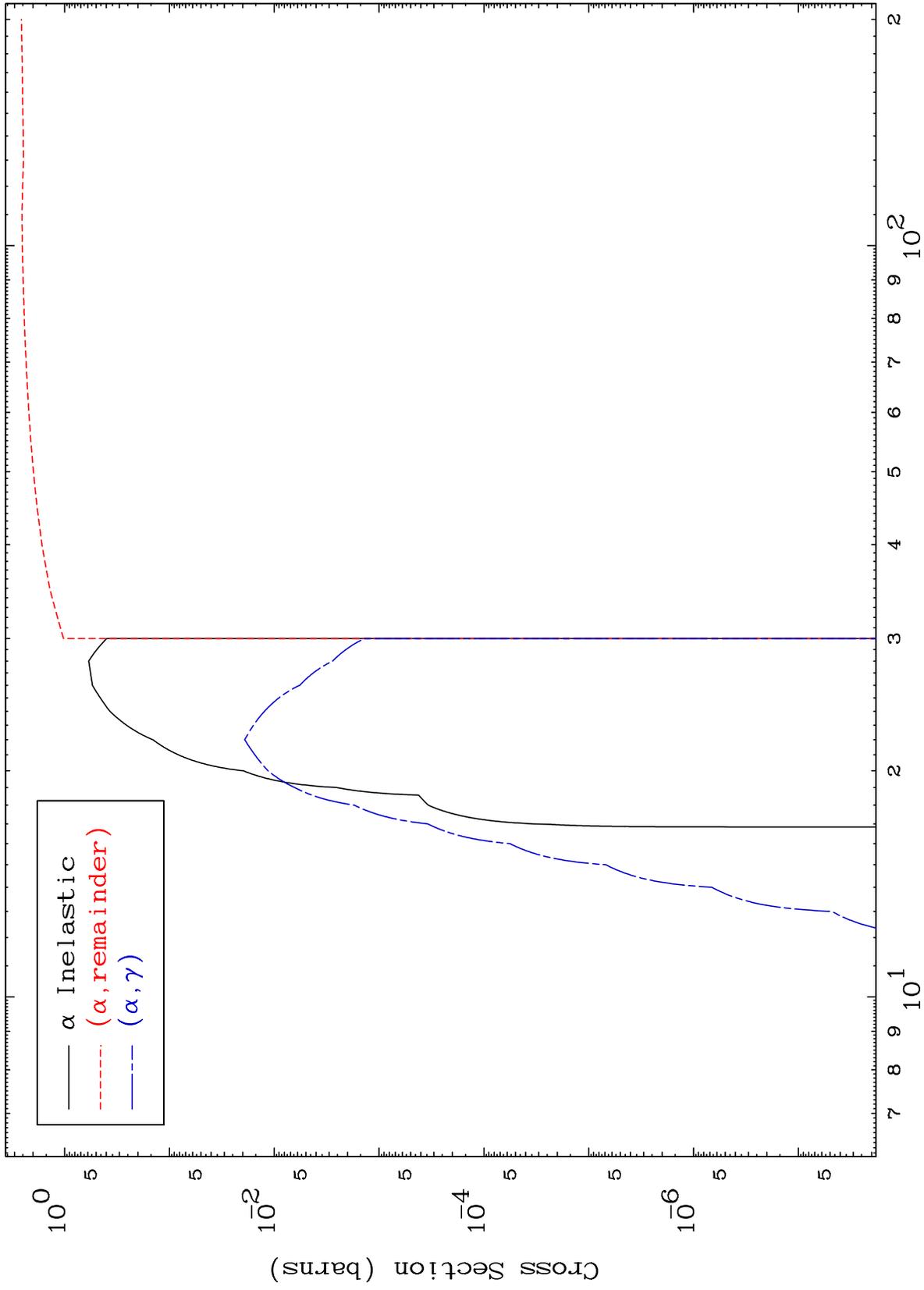
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8195

0 Kelvin α Major
Cross Sections

82-Pb-194



1

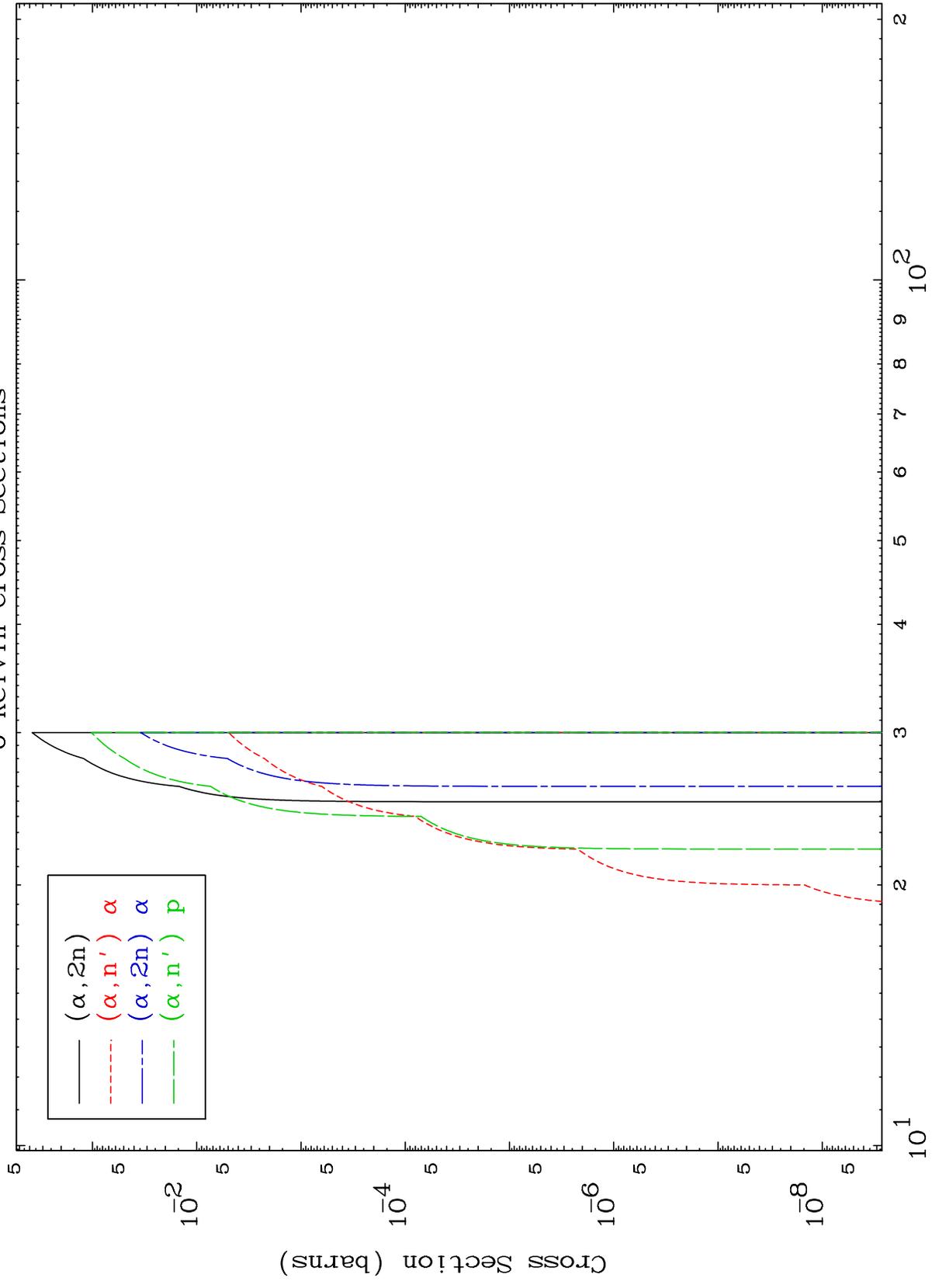
Incident Energy (MeV)

82-Pb-194

MAT 8195

α Neutron Production
0 Kelvin Cross Sections

82-Pb-194



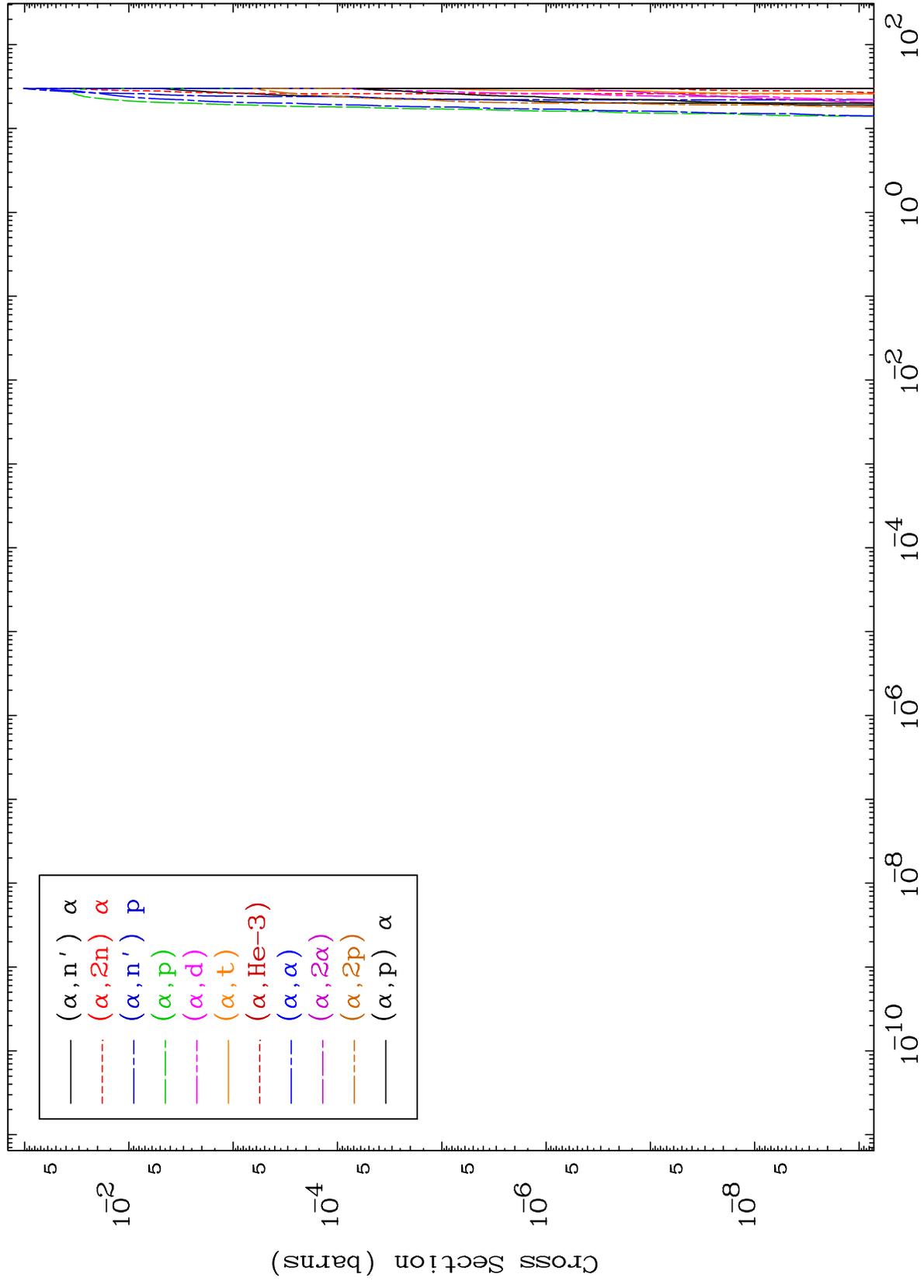
Incident Energy (MeV)

82-Pb-194

MAT 8195

α Charged Particle
0 Kelvin Cross Sections

82-Pb-194

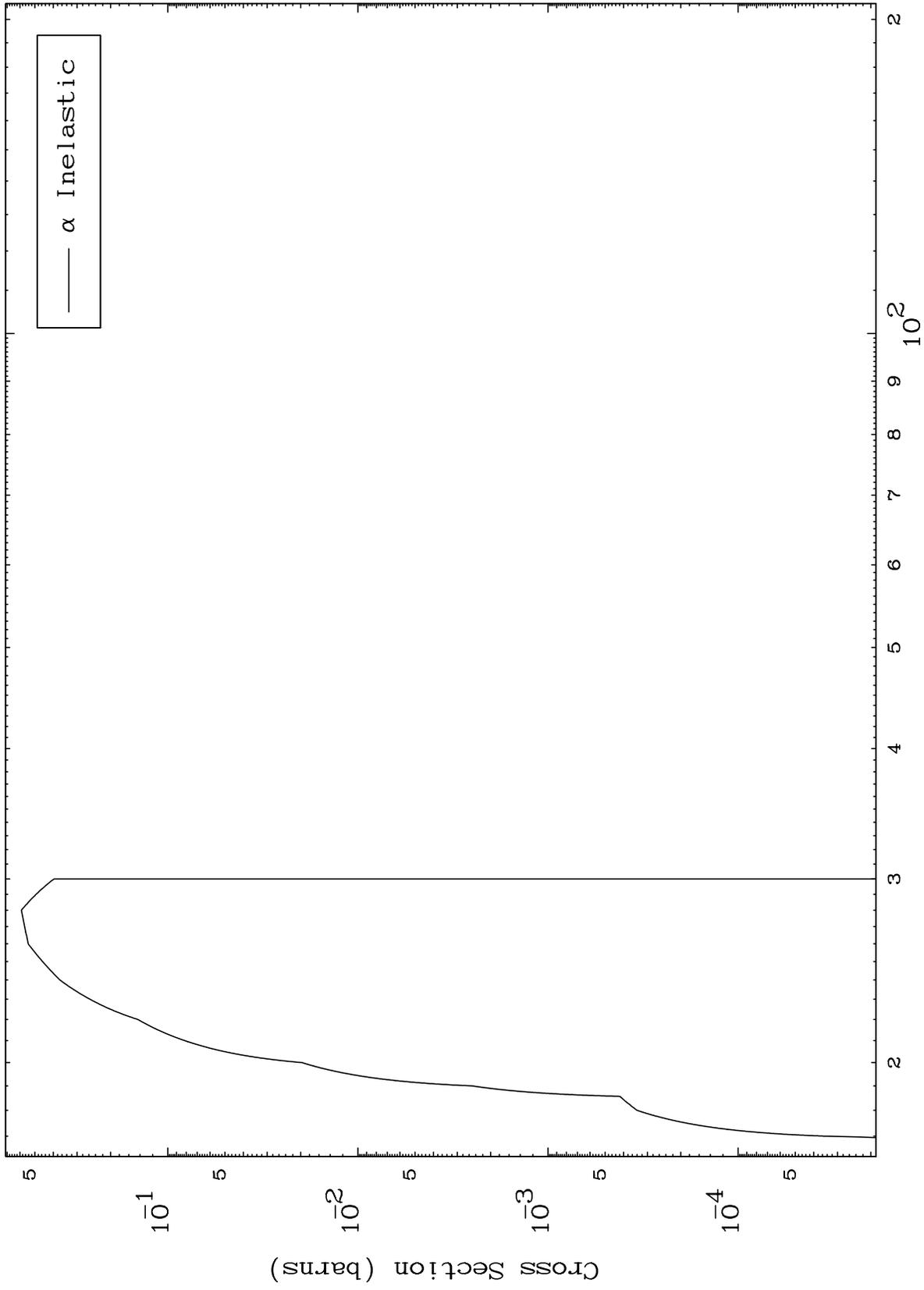


82-Pb-194

MAT 8195

(α, n') Level
0 Kelvin Cross Sections

82-Pb-194



4

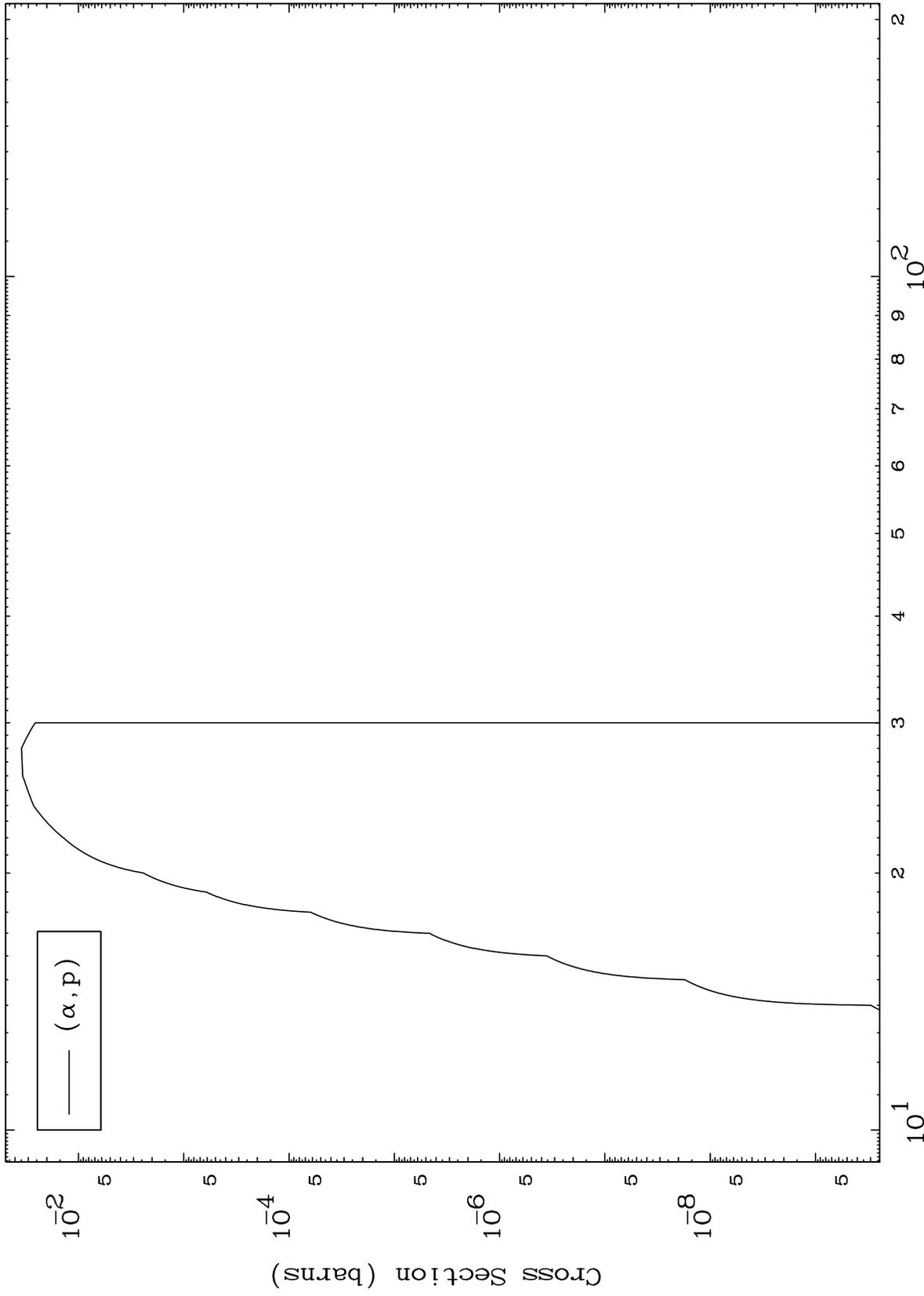
Incident Energy (MeV)

82-Pb-194

MAT 8195

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-194



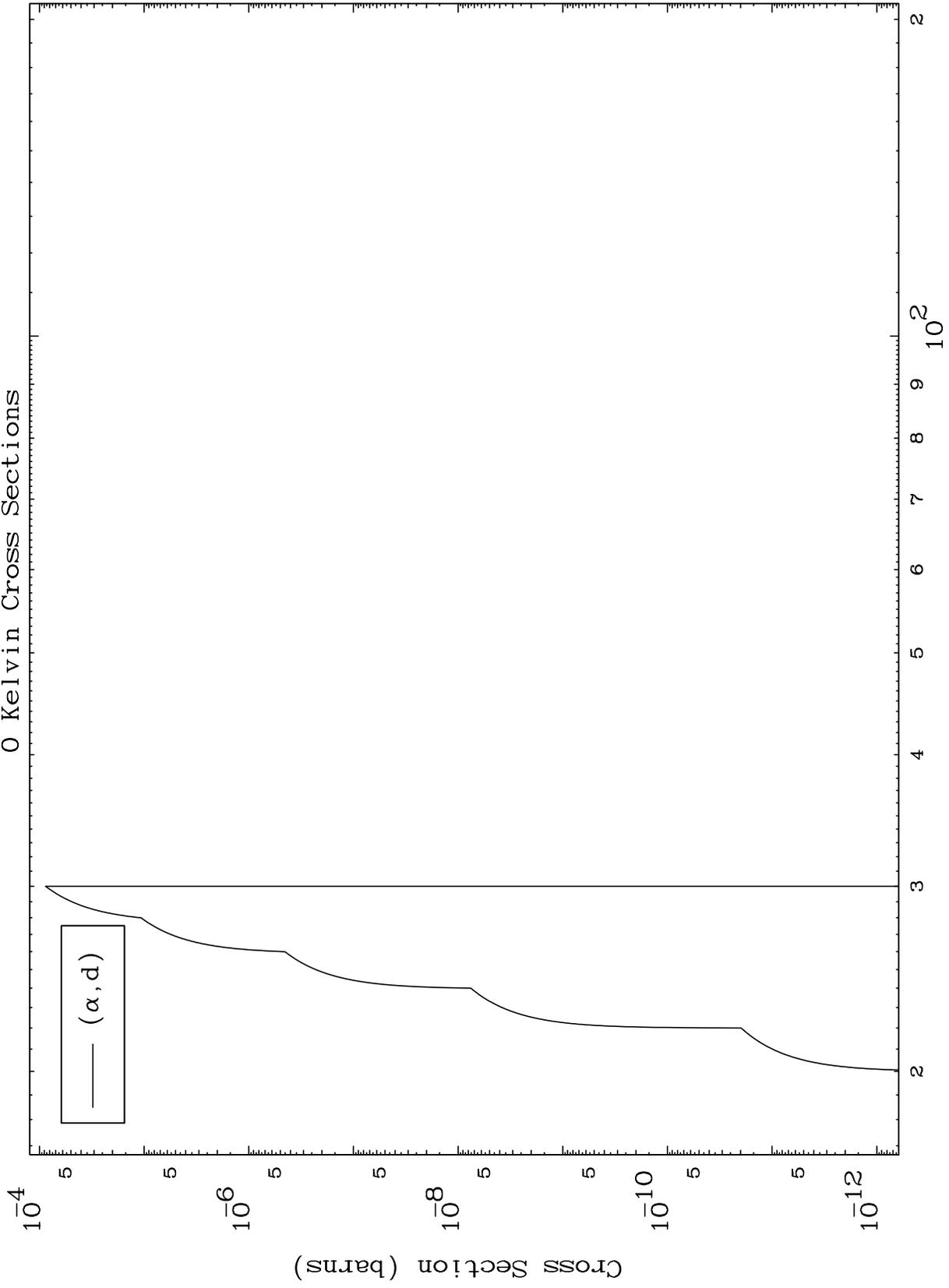
Incident Energy (MeV)

82-Pb-194

MAT 8195

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-194



6

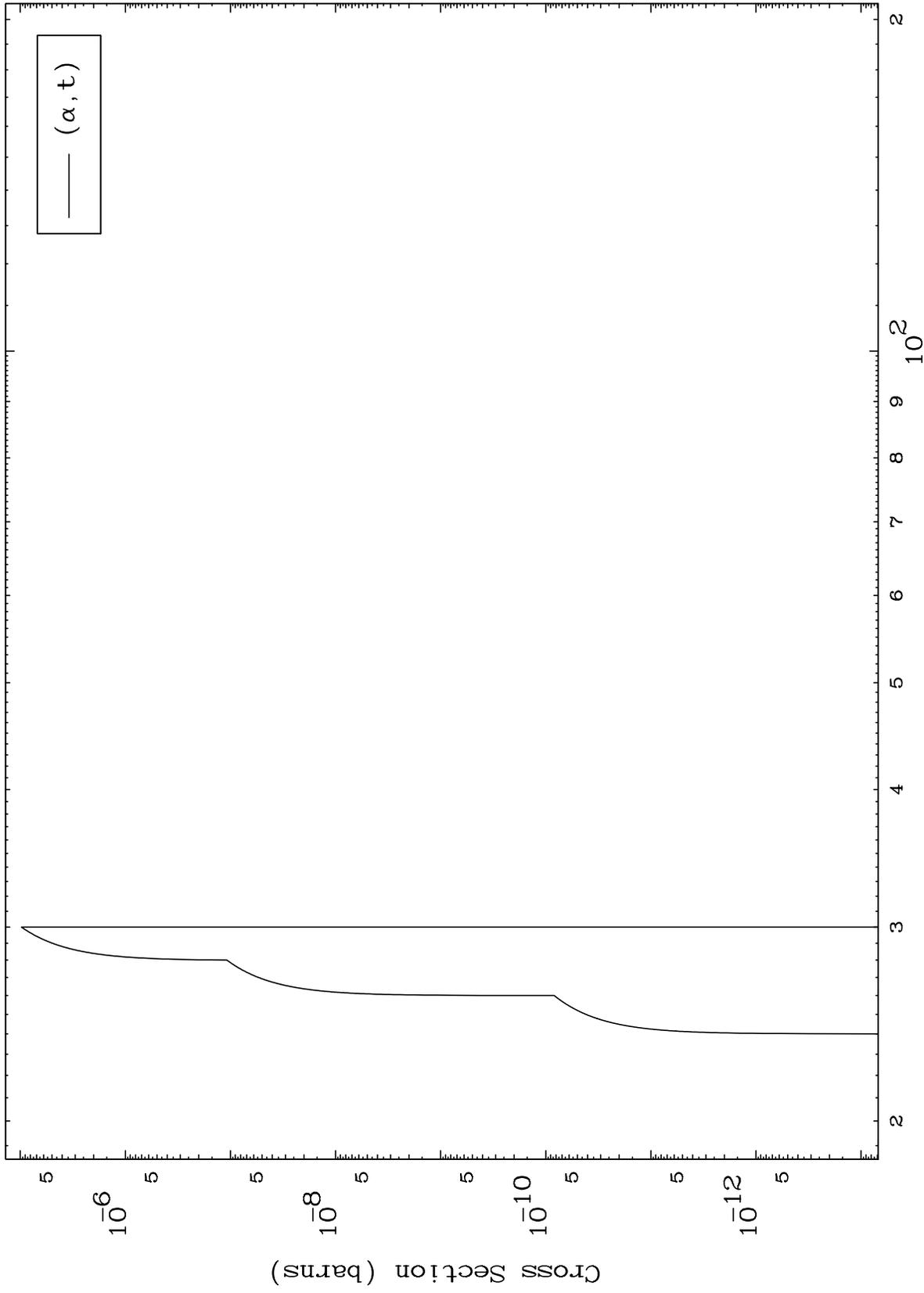
Incident Energy (MeV)

82-Pb-194

MAT 8195

(α, t) Levels
0 Kelvin Cross Sections

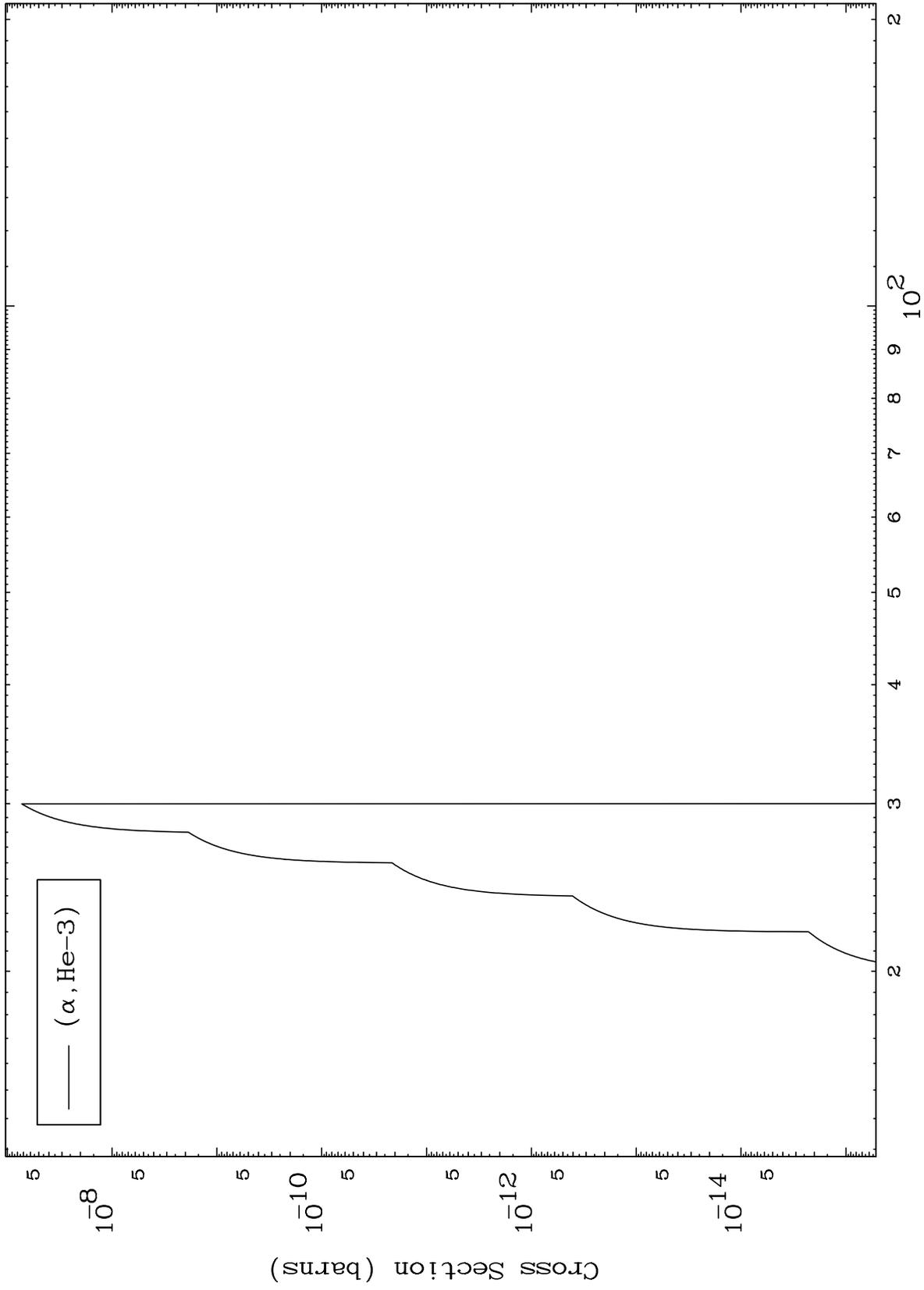
82-Pb-194



7

Incident Energy (MeV)

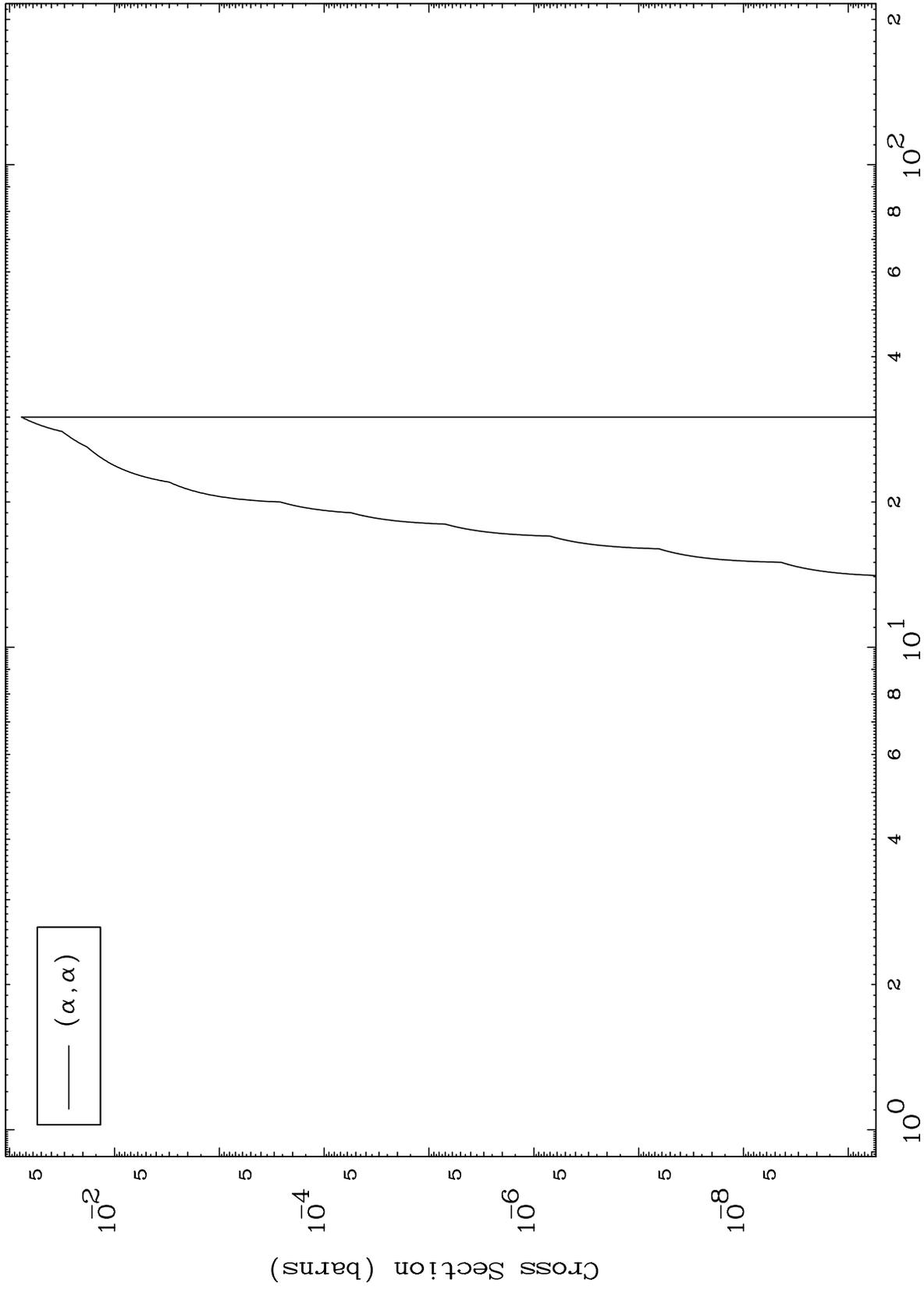
82-Pb-194



MAT 8195

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-194



9

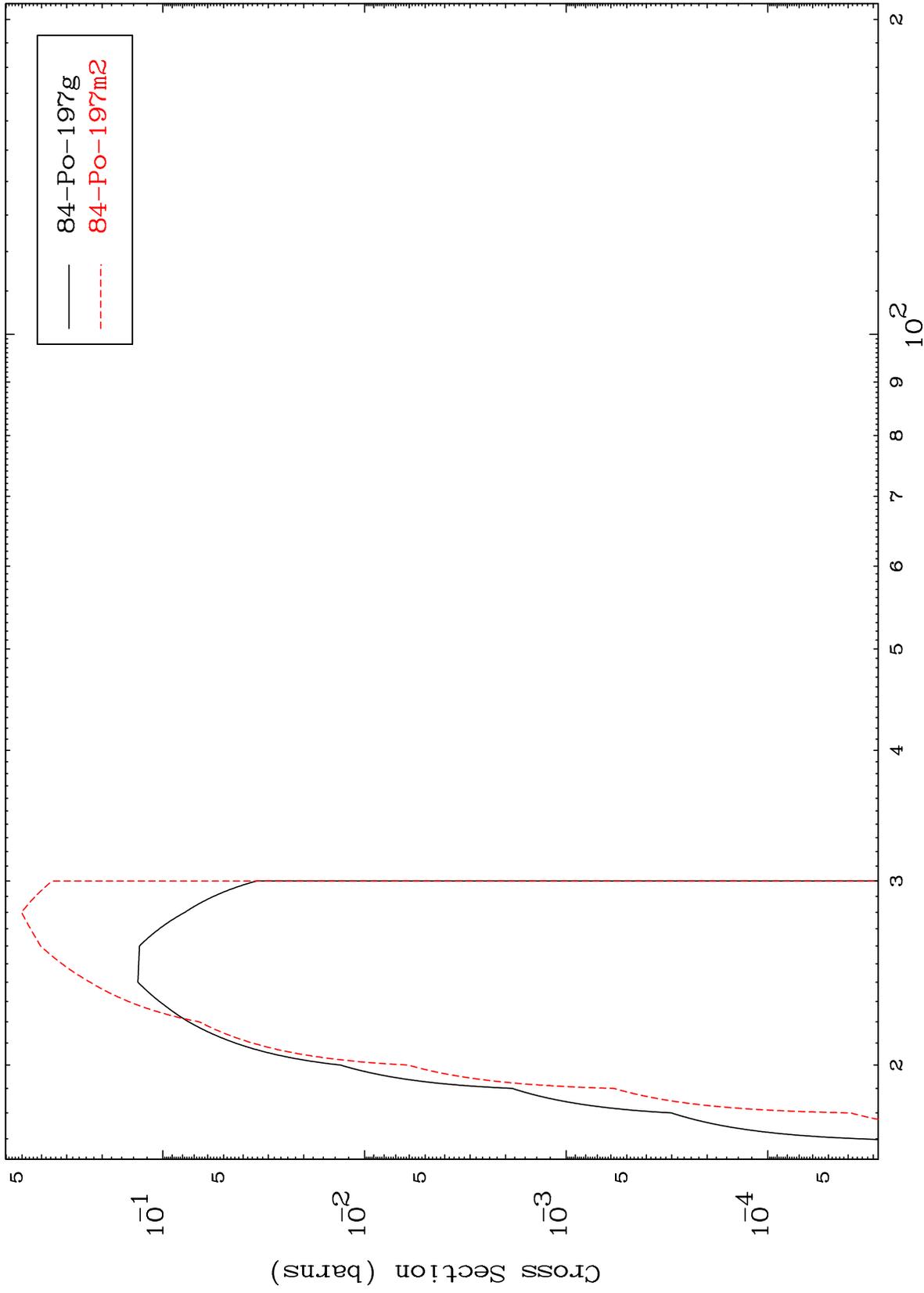
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

Radionuclide α Inelastic Production Cross Section



10

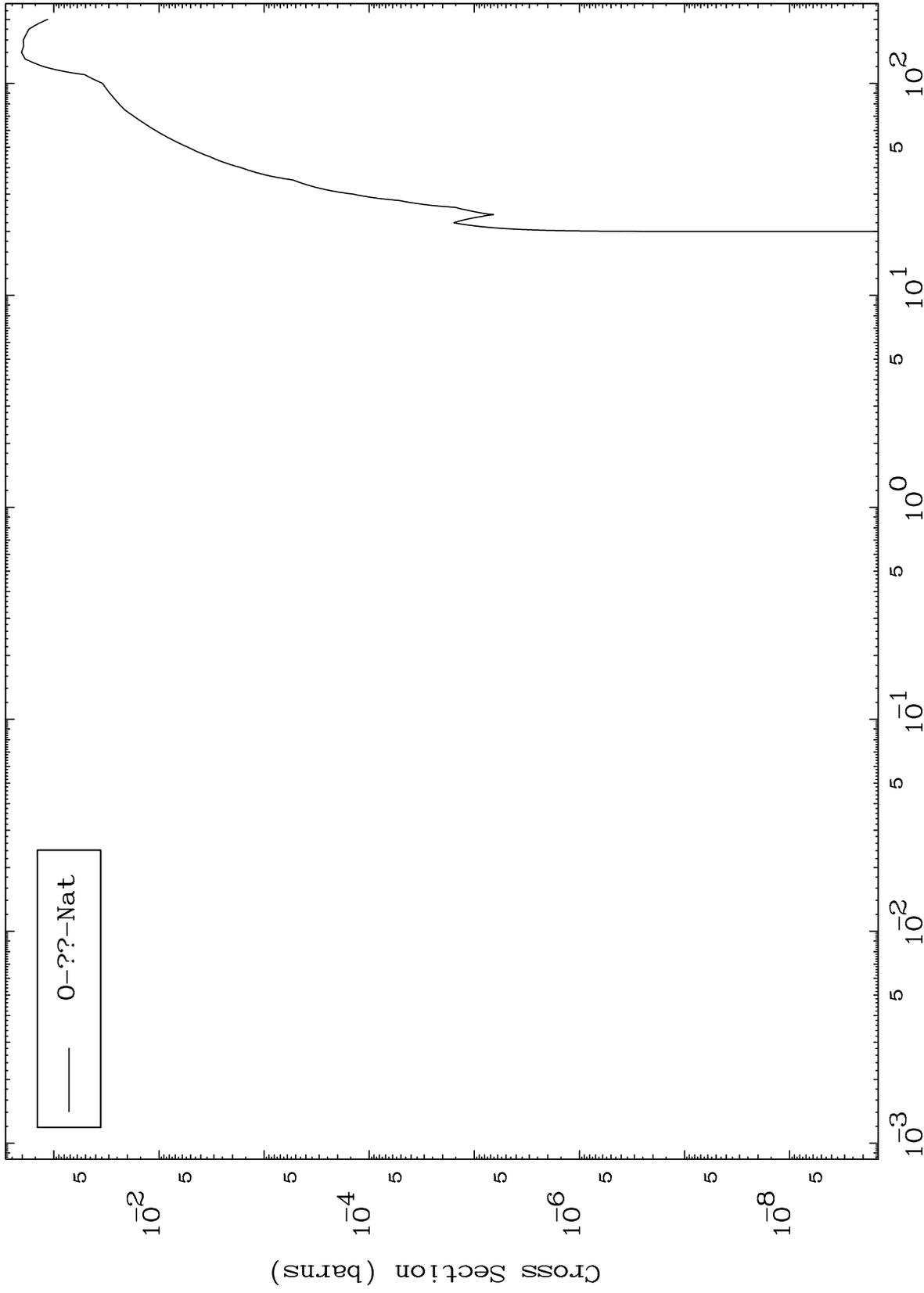
Incident Energy (MeV)

82-Pb-194

MAT 8195

α Fission
Radionuclide Production Cross Section

82-Pb-194



11

Incident Energy (MeV)

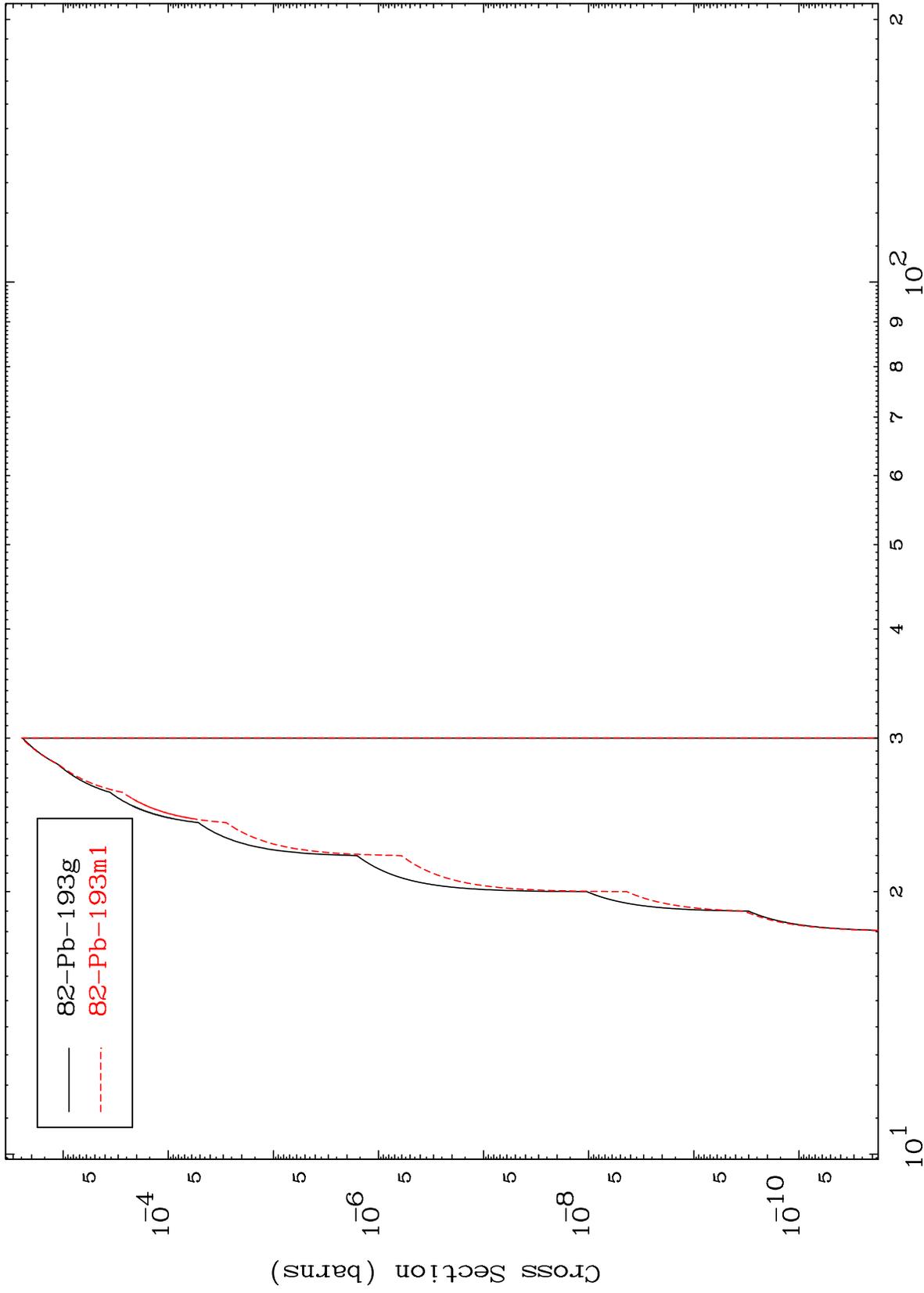
82-Pb-194

MAT 8195

(α, n') α

82-Pb-194

Radionuclide Production Cross Section



10¹

2

3

4

5

6

7

8

9

10²

82-Pb-194

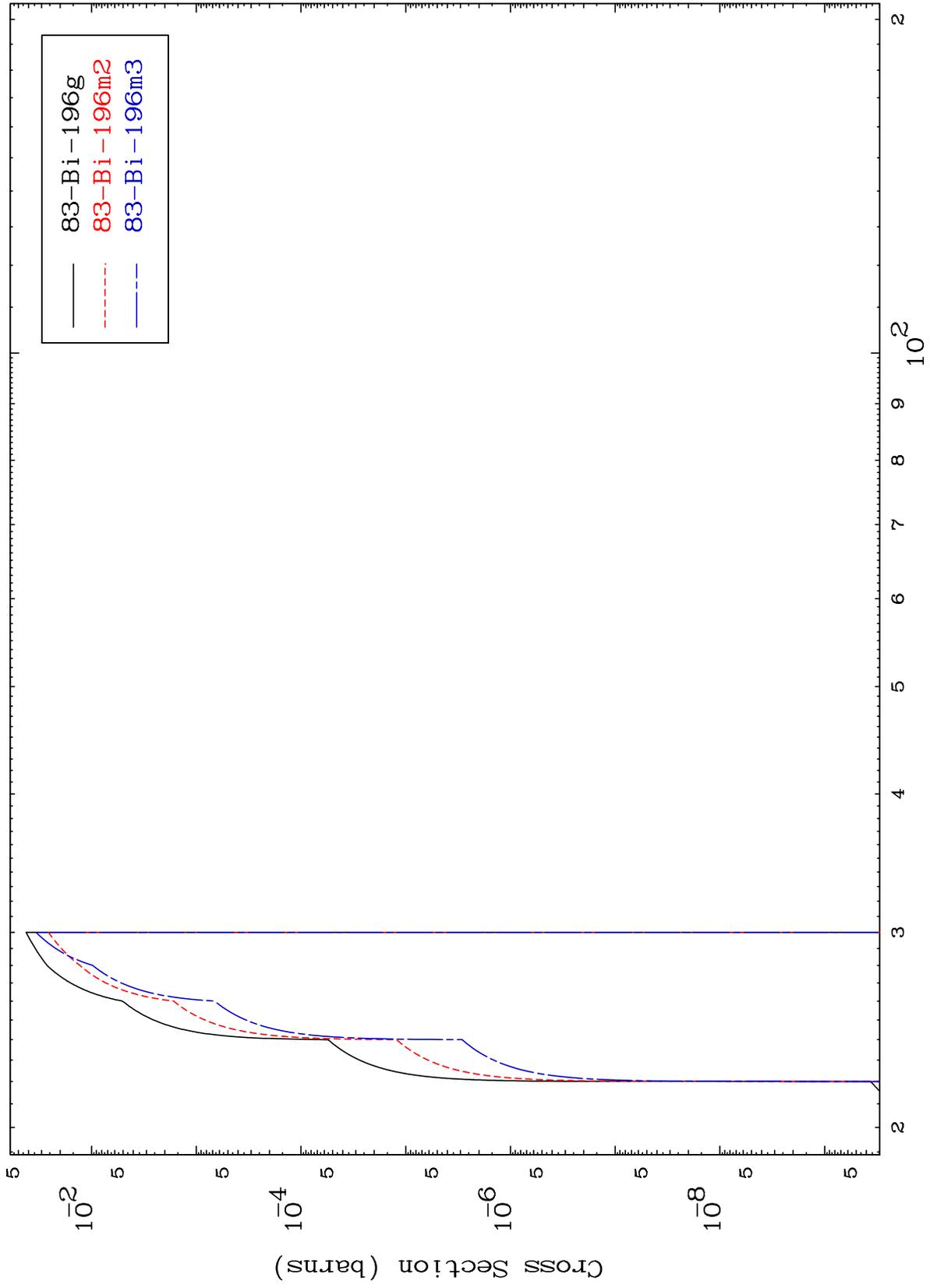
Incident Energy (MeV)

MAT 8195

(α, n') p

82-Pb-194

Radionuclide Production Cross Section



13

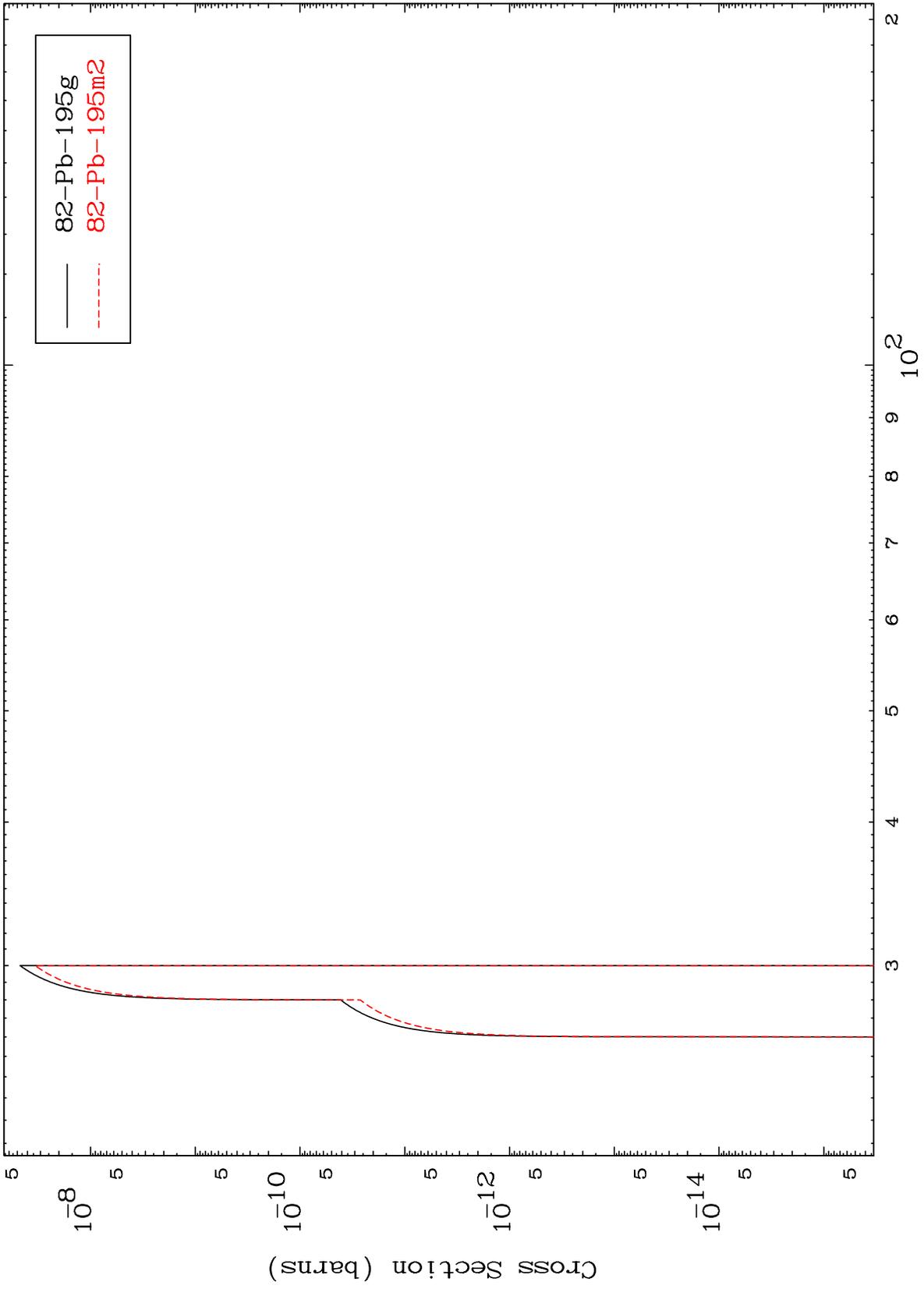
Incident Energy (MeV)

82-Pb-194

MAT 8195

82-Pb-194

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



82-Pb-194

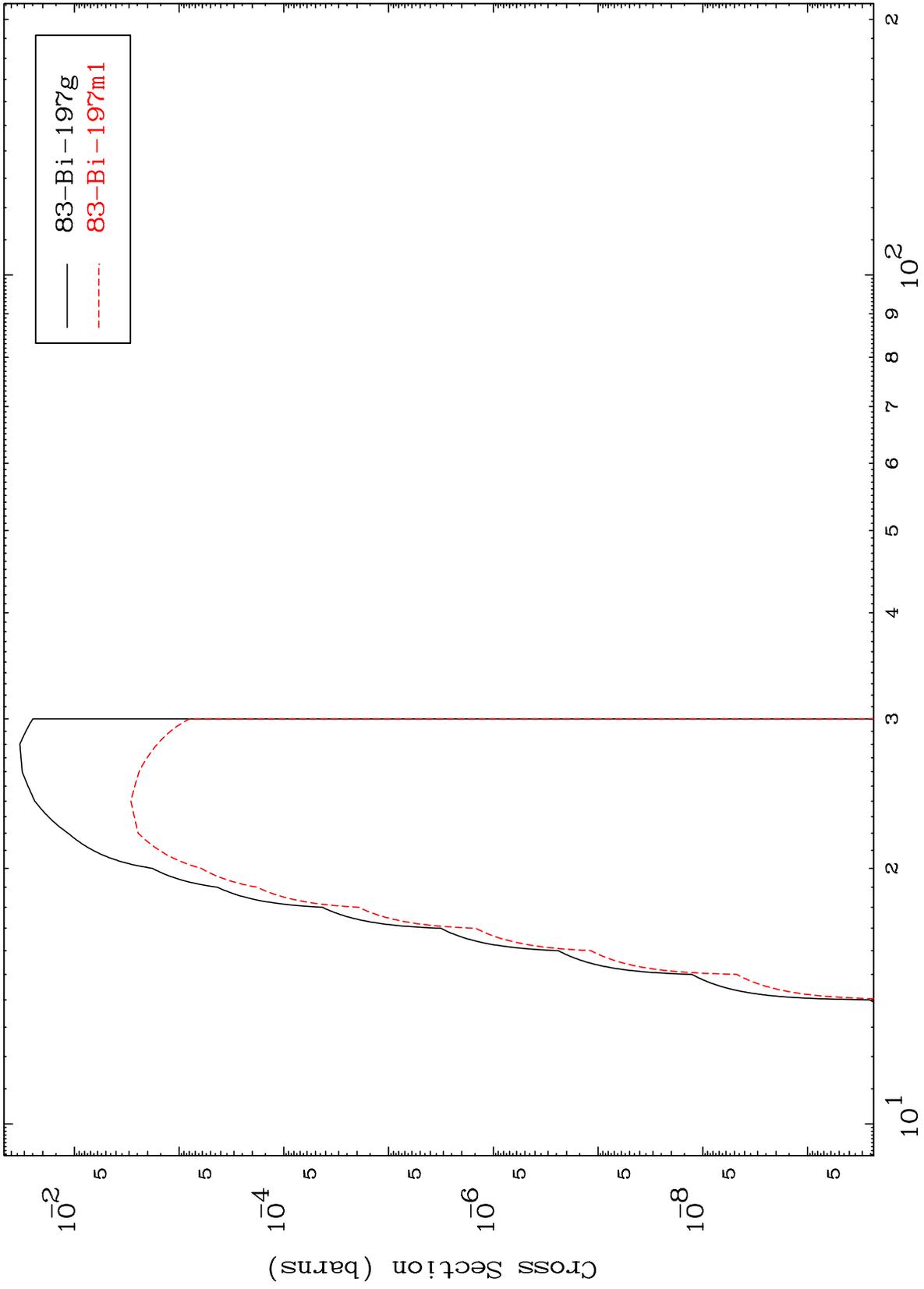
Incident Energy (MeV)

14

MAT 8195

82-Pb-194

(α, p)
Radionuclide Production Cross Section



82-Pb-194

Incident Energy (MeV)

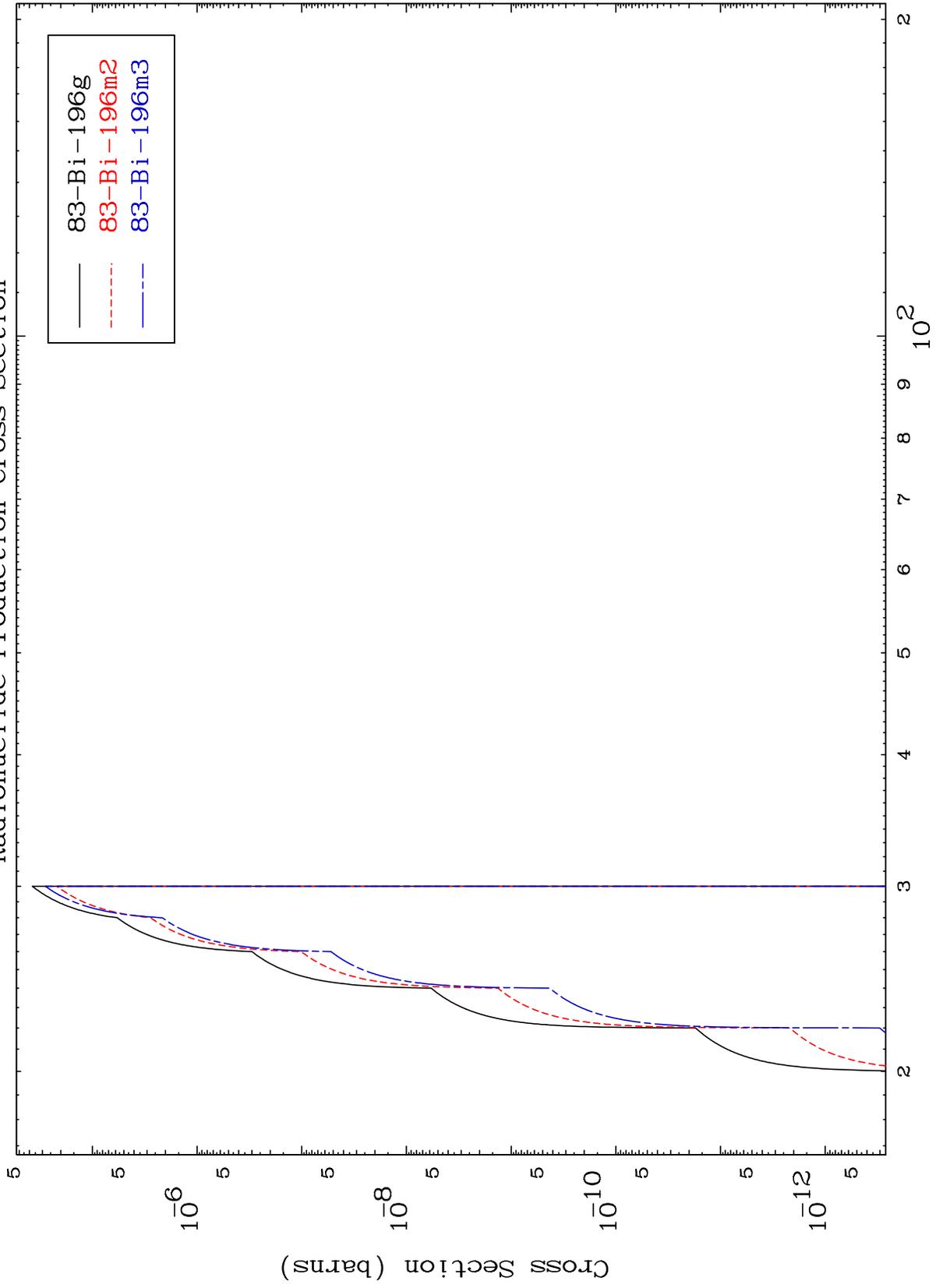
15

MAT 8195

(α, d)

82-Pb-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

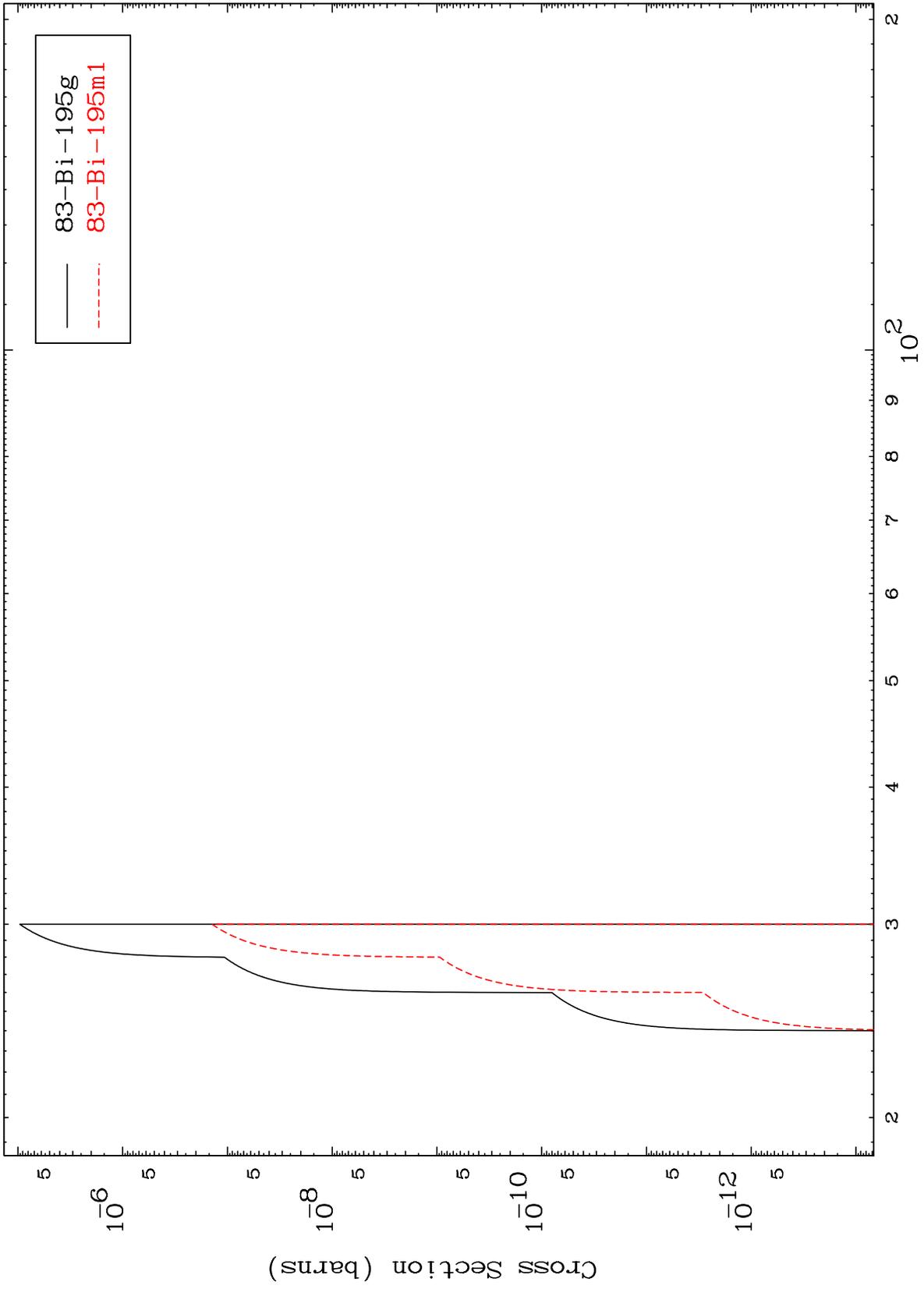
82-Pb-194

MAT 8195

(α, t)

82-Pb-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

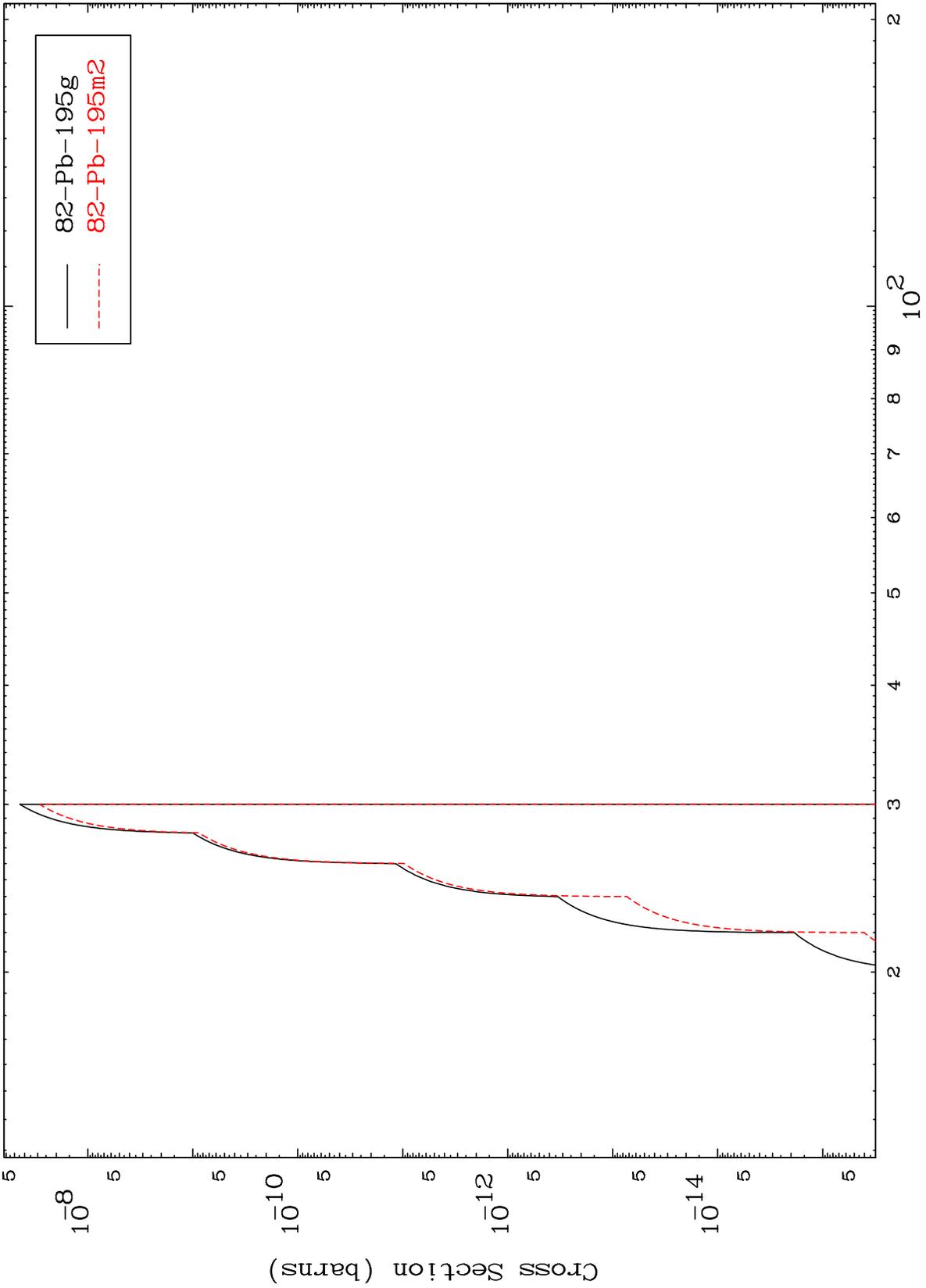
82-Pb-194

MAT 8195

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

82-Pb-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

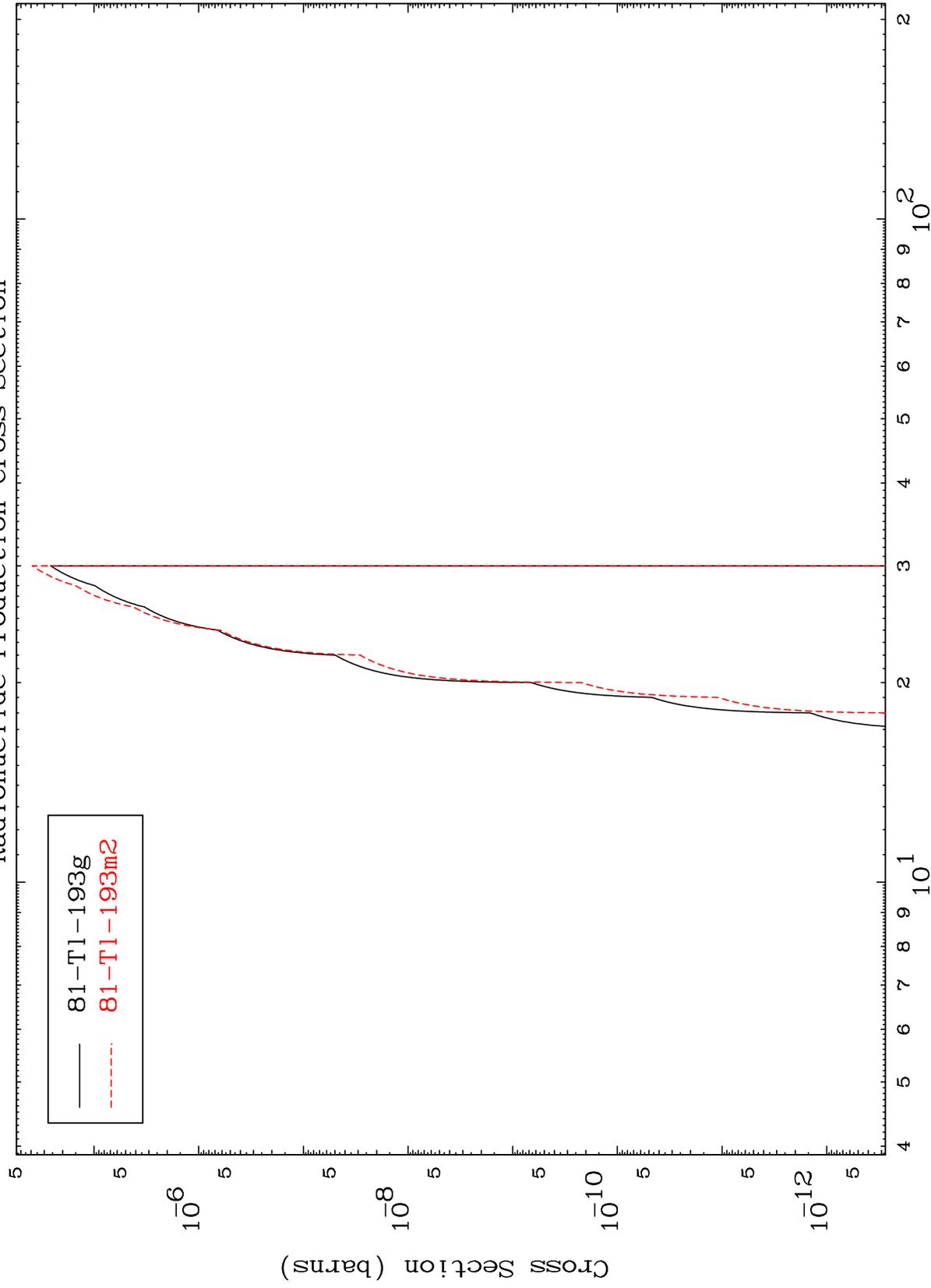
82-Pb-194

MAT 8195

(α, p) α

82-Pb-194

Radionuclide Production Cross Section



19

Incident Energy (MeV)

82-Pb-194