

Program EVALPLOT
(Version 2018-1)

by

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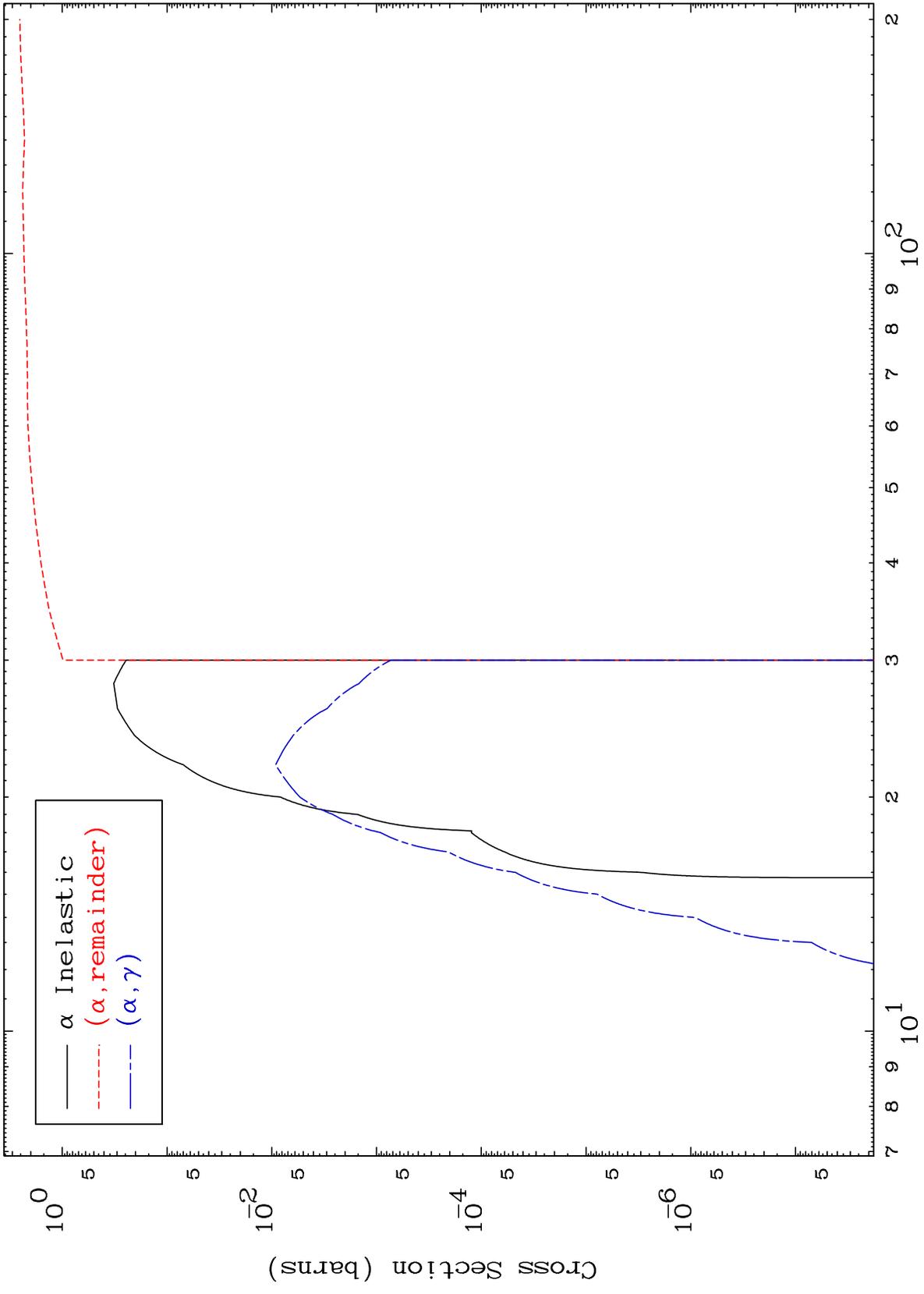
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8180

0 Kelvin α Major
Cross Sections

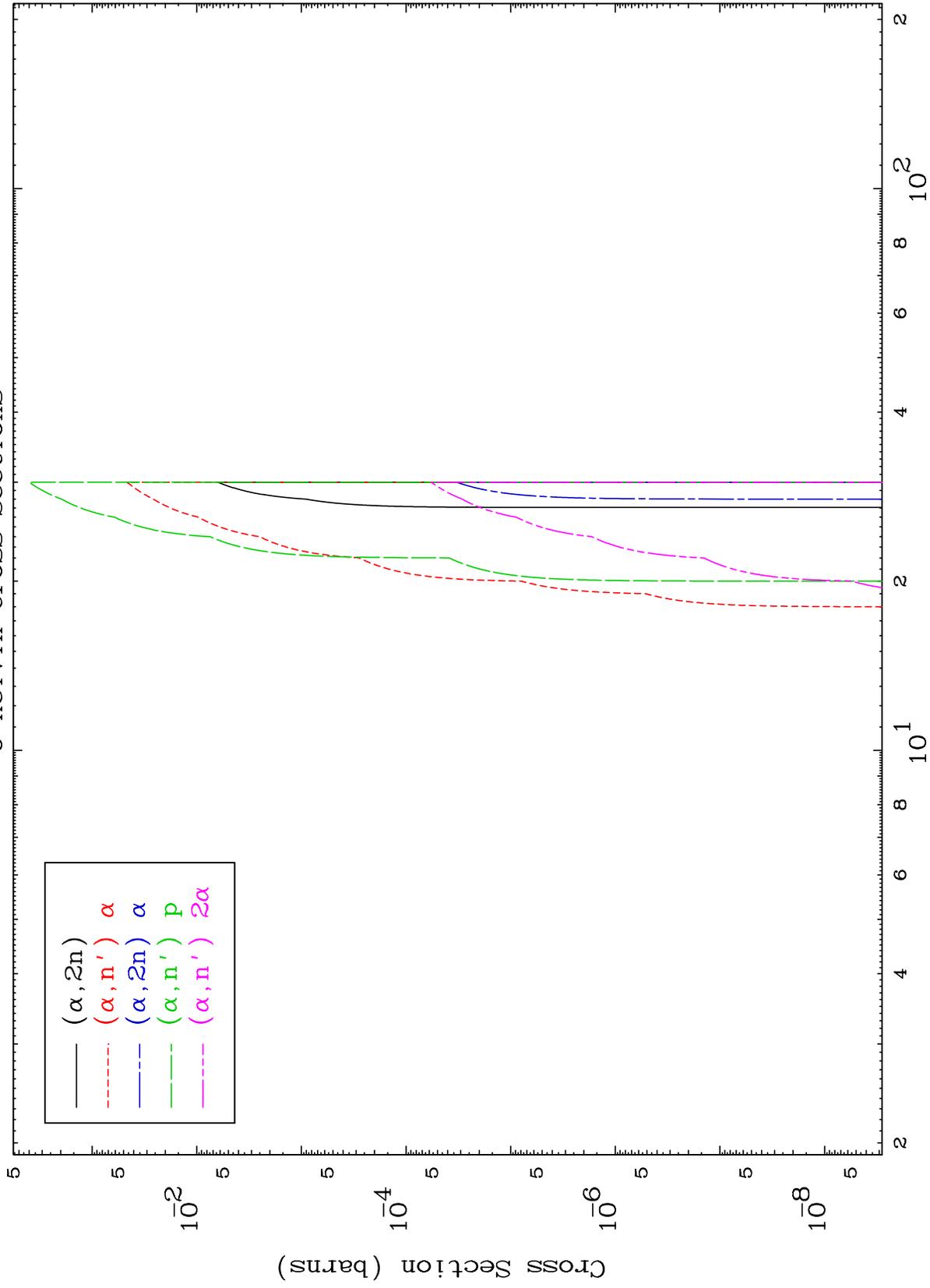
82-Pb-189



MAT 8180

α Neutron Production
0 Kelvin Cross Sections

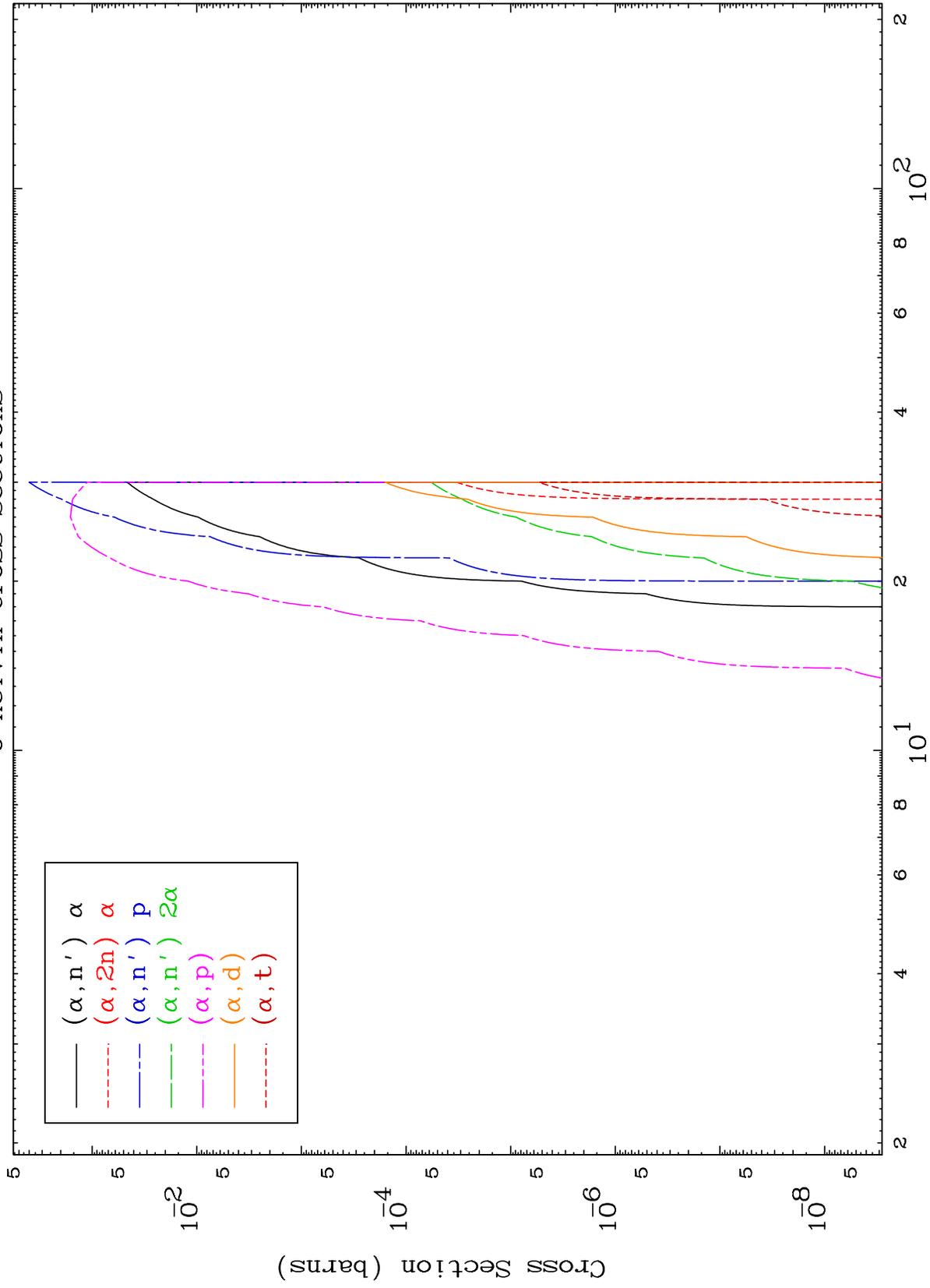
82-Pb-189



2

Incident Energy (MeV)

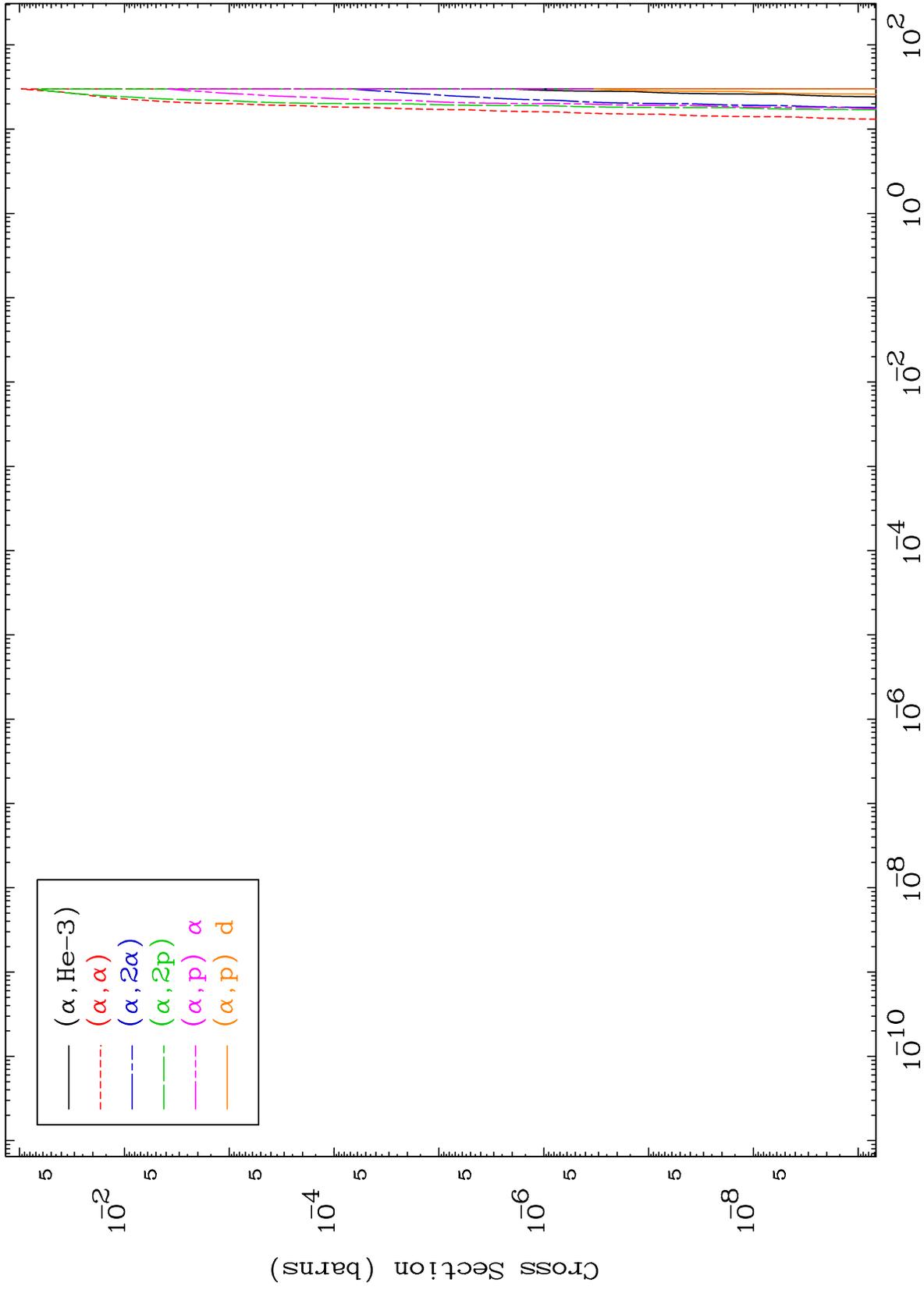
82-Pb-189



MAT 8180

α Charged Particle
0 Kelvin Cross Sections

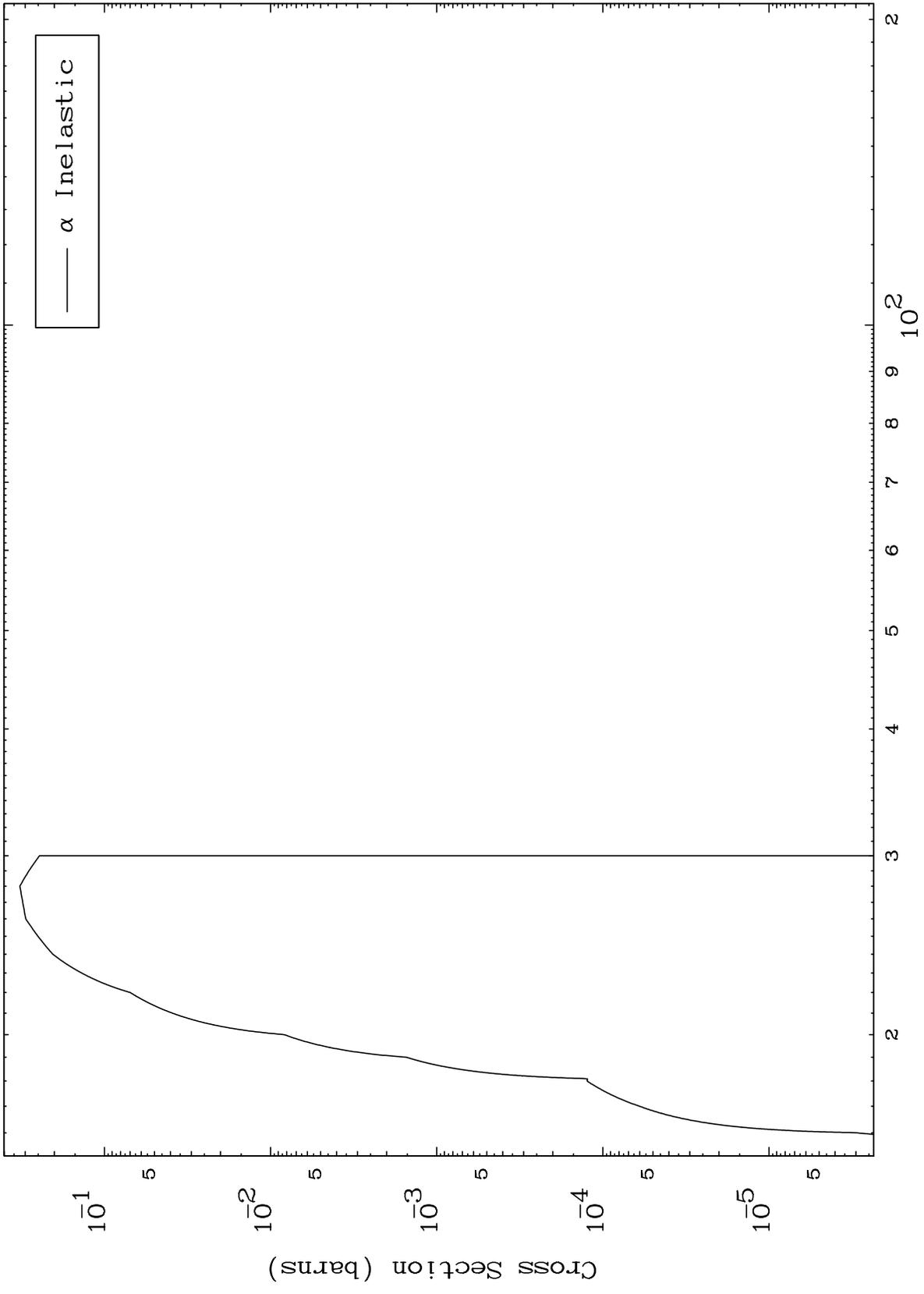
82-Pb-189



MAT 8180

(α, n') Level
0 Kelvin Cross Sections

82-Pb-189



5

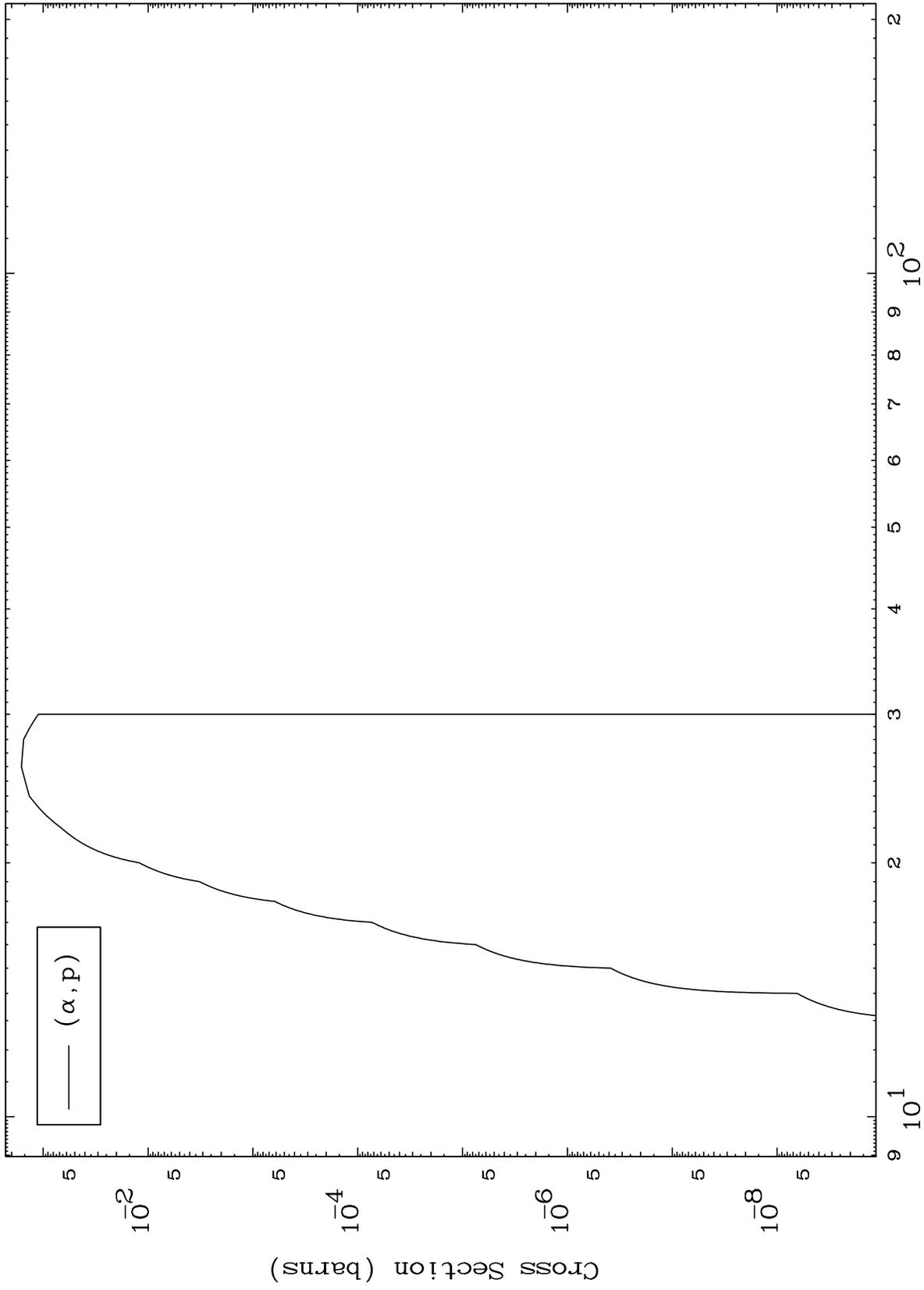
Incident Energy (MeV)

82-Pb-189

MAT 8180

(α, p) Levels
0 Kelvin Cross Sections

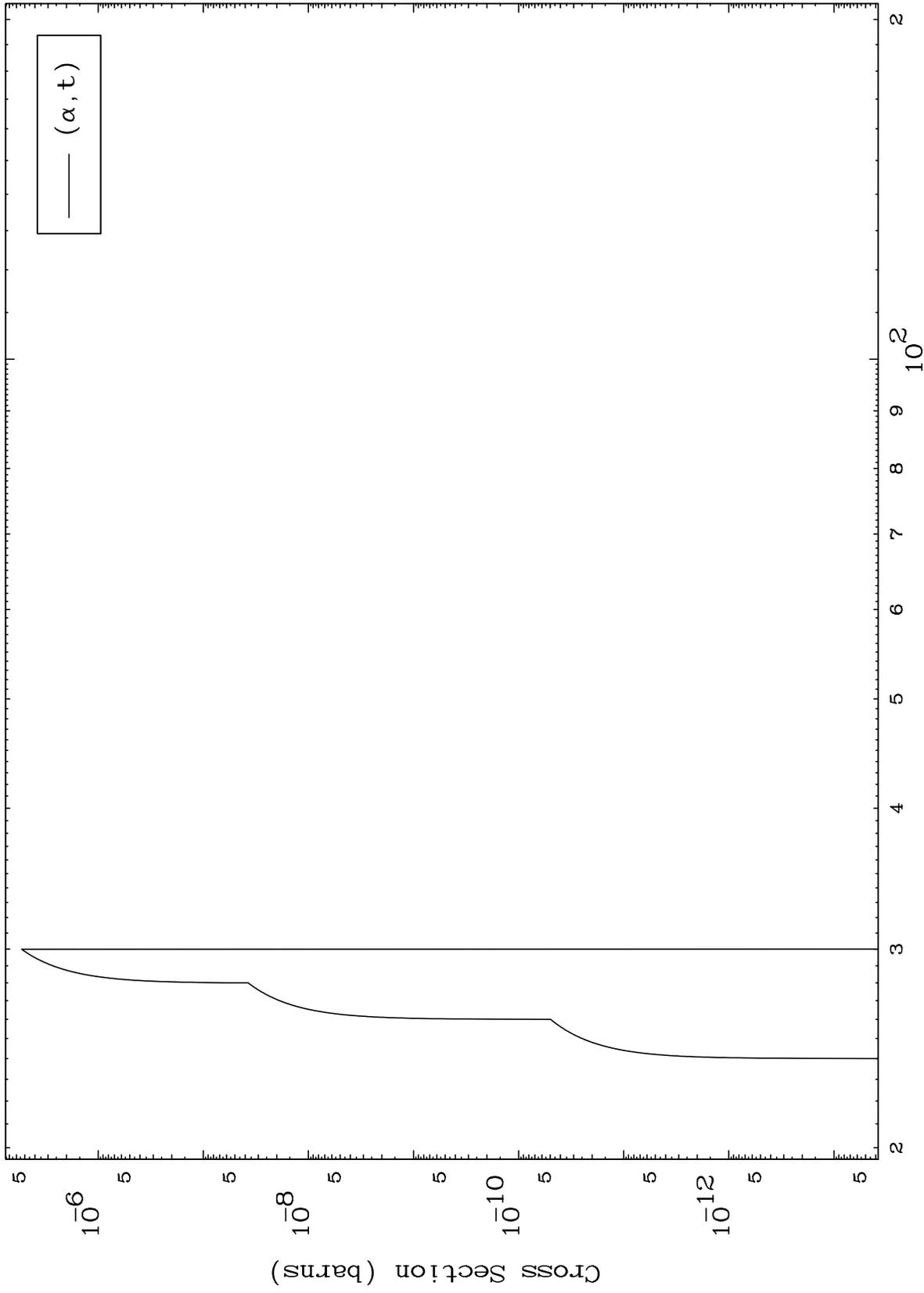
82-Pb-189



MAT 8180

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-189



8

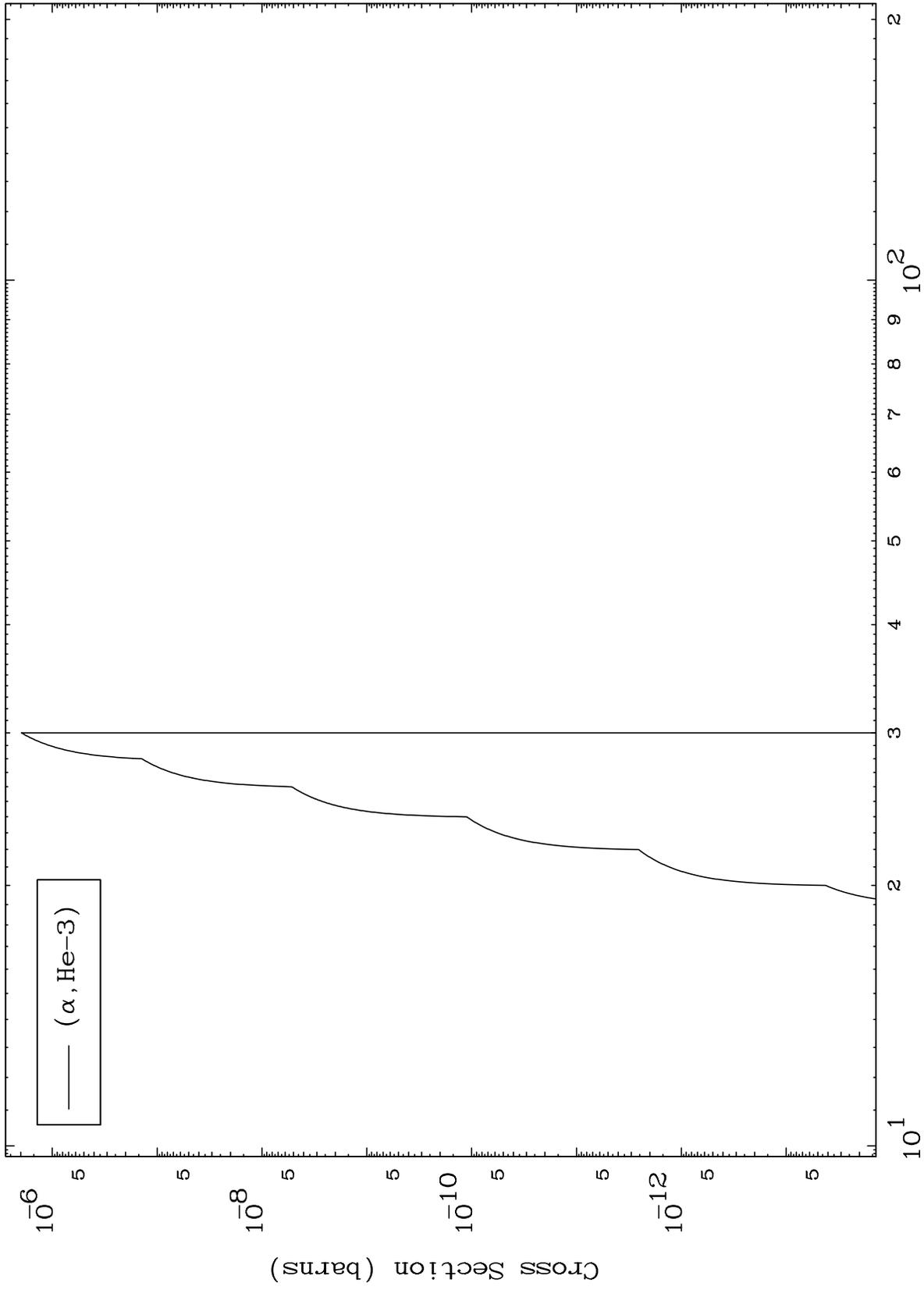
Incident Energy (MeV)

82-Pb-189

MAT 8180

(α ,He3) Levels
0 Kelvin Cross Sections

82-Pb-189



9

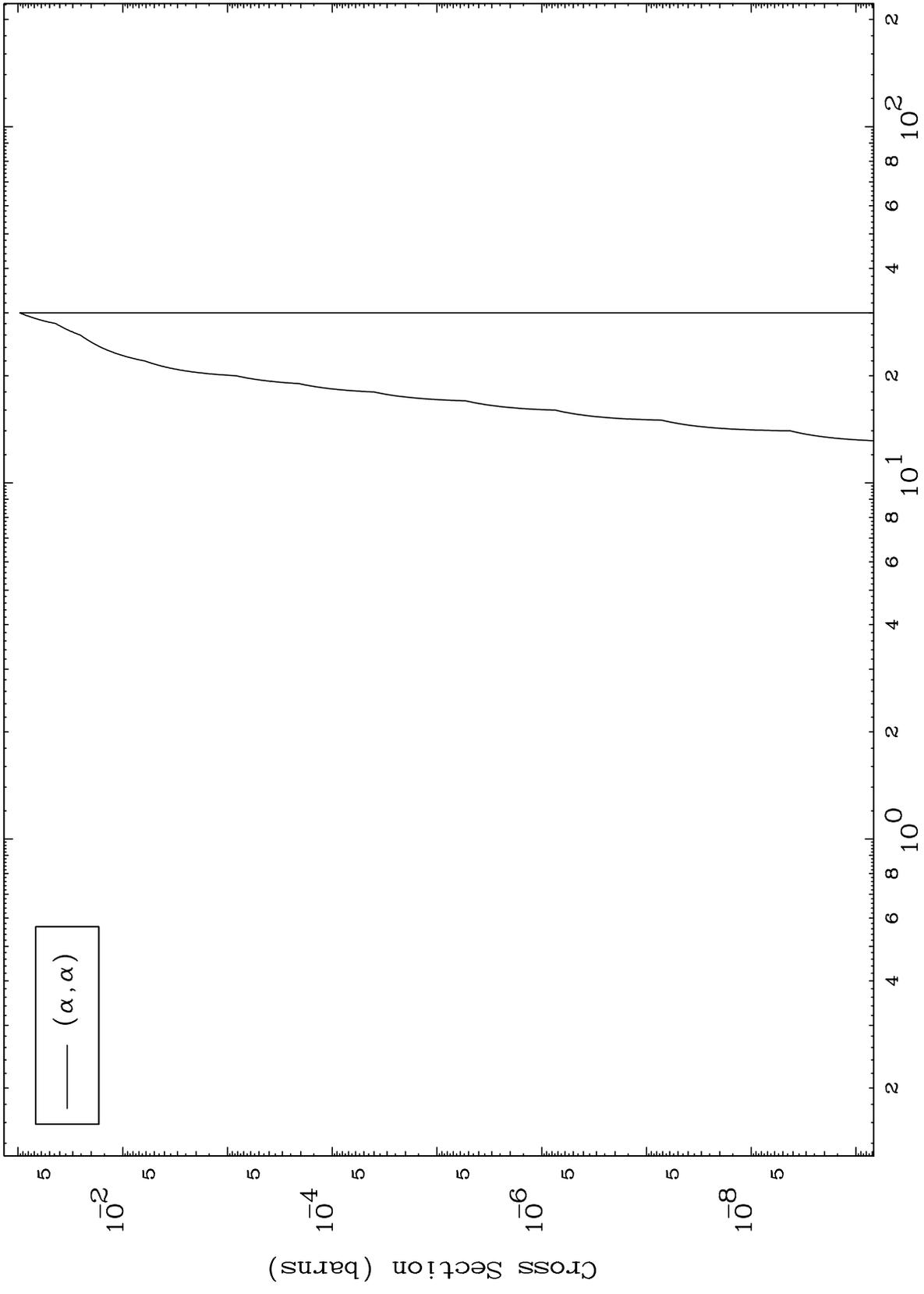
Incident Energy (MeV)

82-Pb-189

MAT 8180

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-189



10

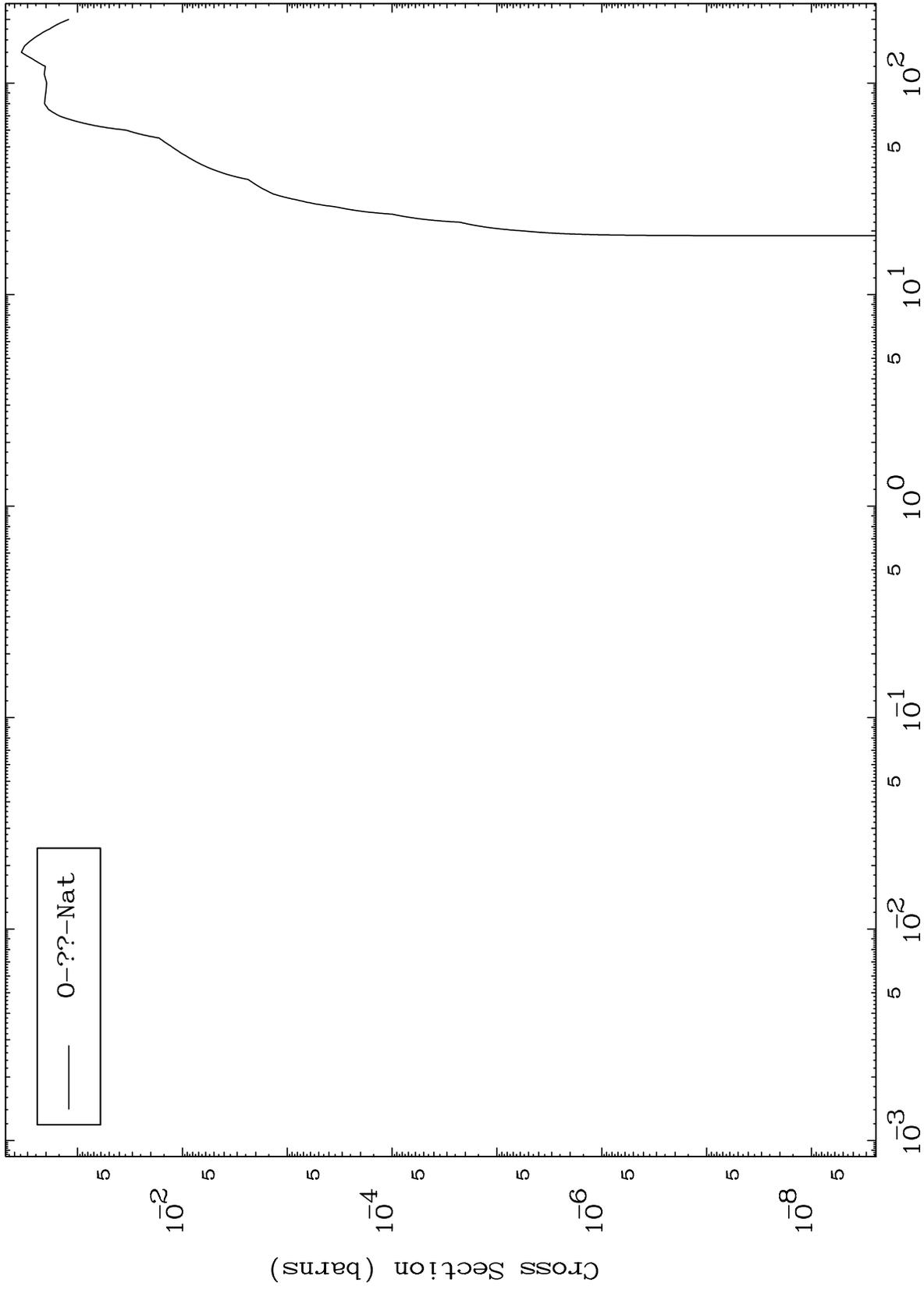
Incident Energy (MeV)

82-Pb-189

MAT 8180

α Fission
Radionuclide Production Cross Section

82-Pb-189



11

Incident Energy (MeV)

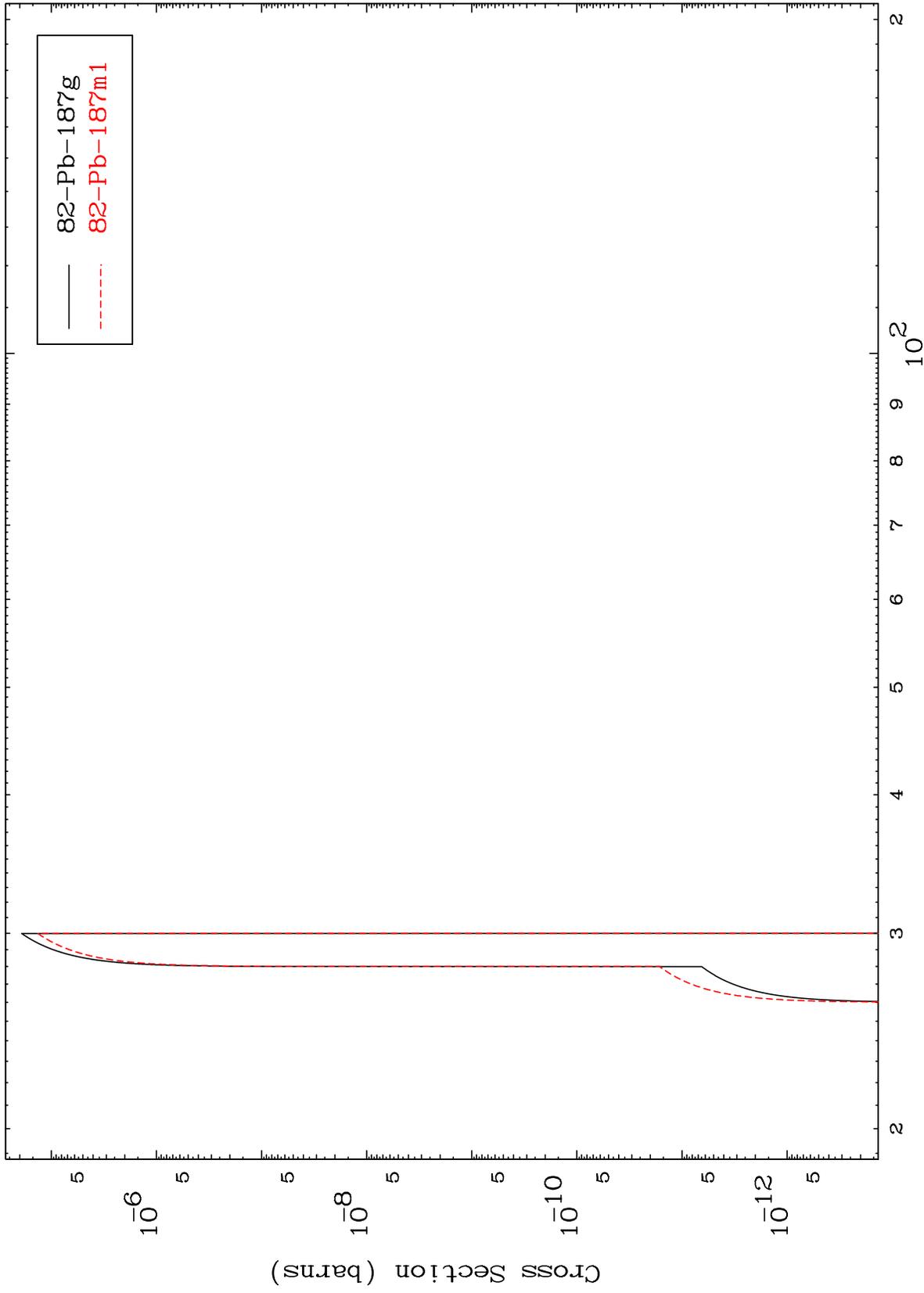
82-Pb-189

MAT 8180

$(\alpha, 2n) \alpha$

82-Pb-189

Radionuclide Production Cross Section



12

Incident Energy (MeV)

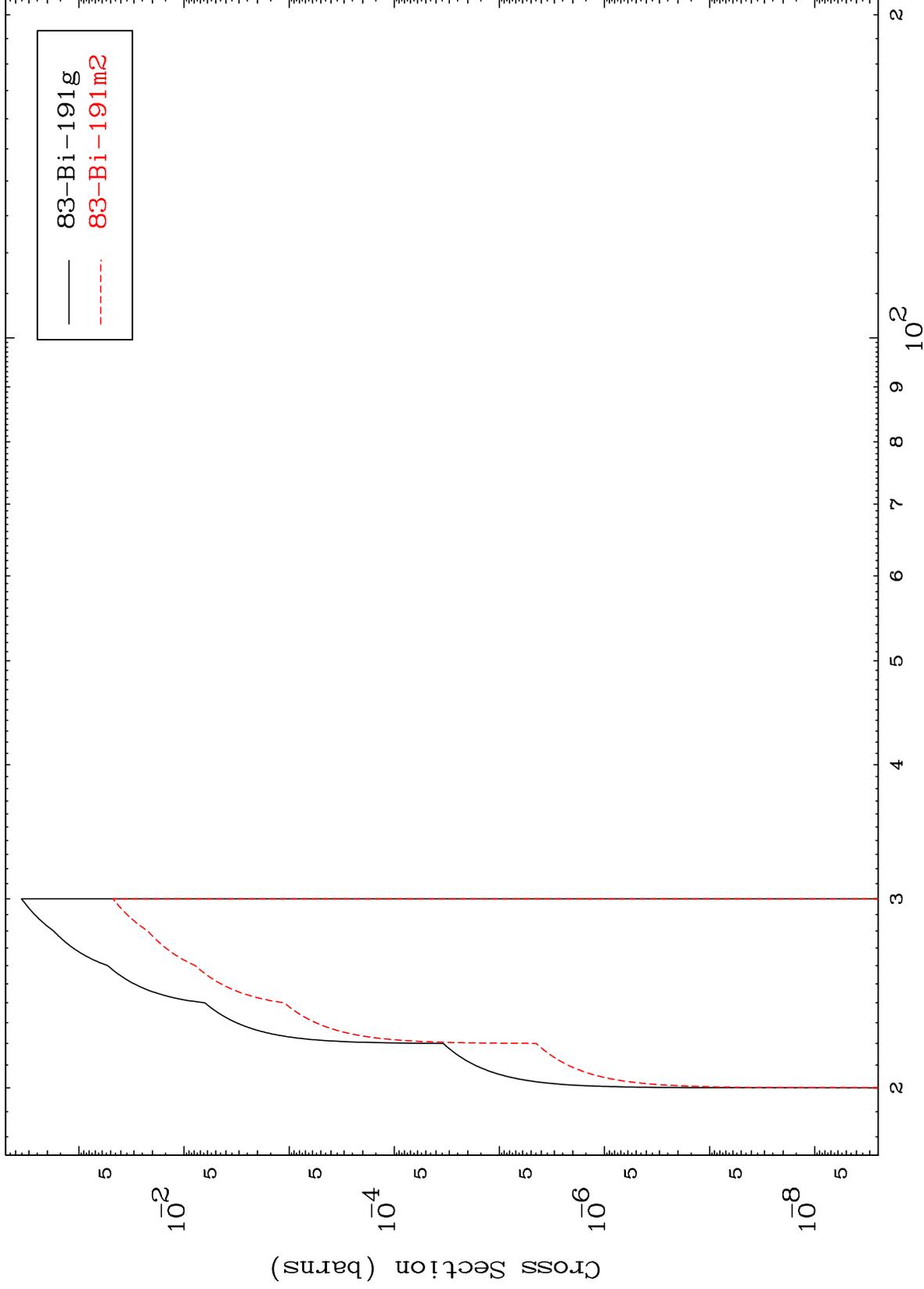
82-Pb-189

MAT 8180

(α, n') p

82-Pb-189

Radionuclide Production Cross Section



13

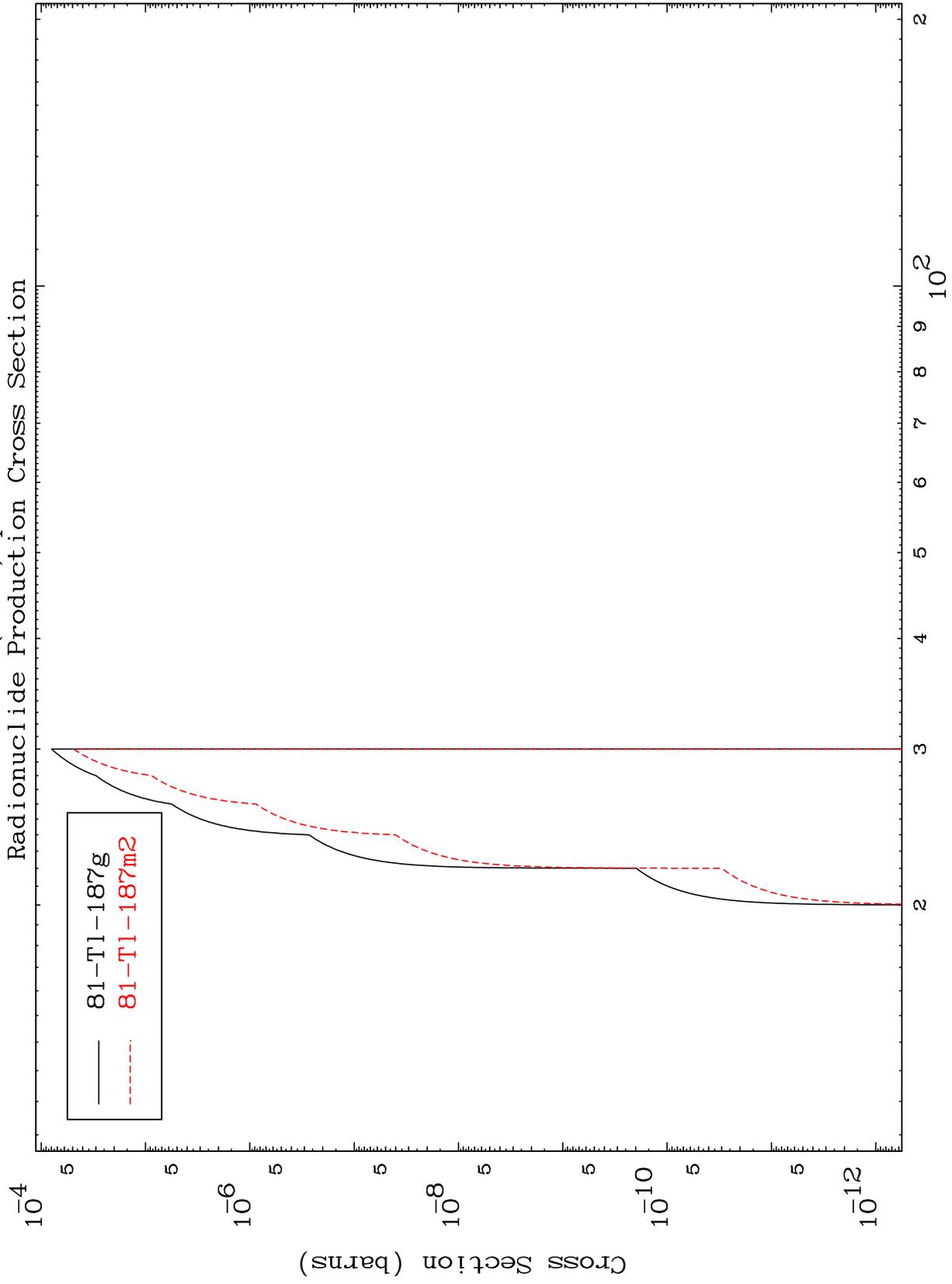
Incident Energy (MeV)

82-Pb-189

MAT 8180

(α, n') p α

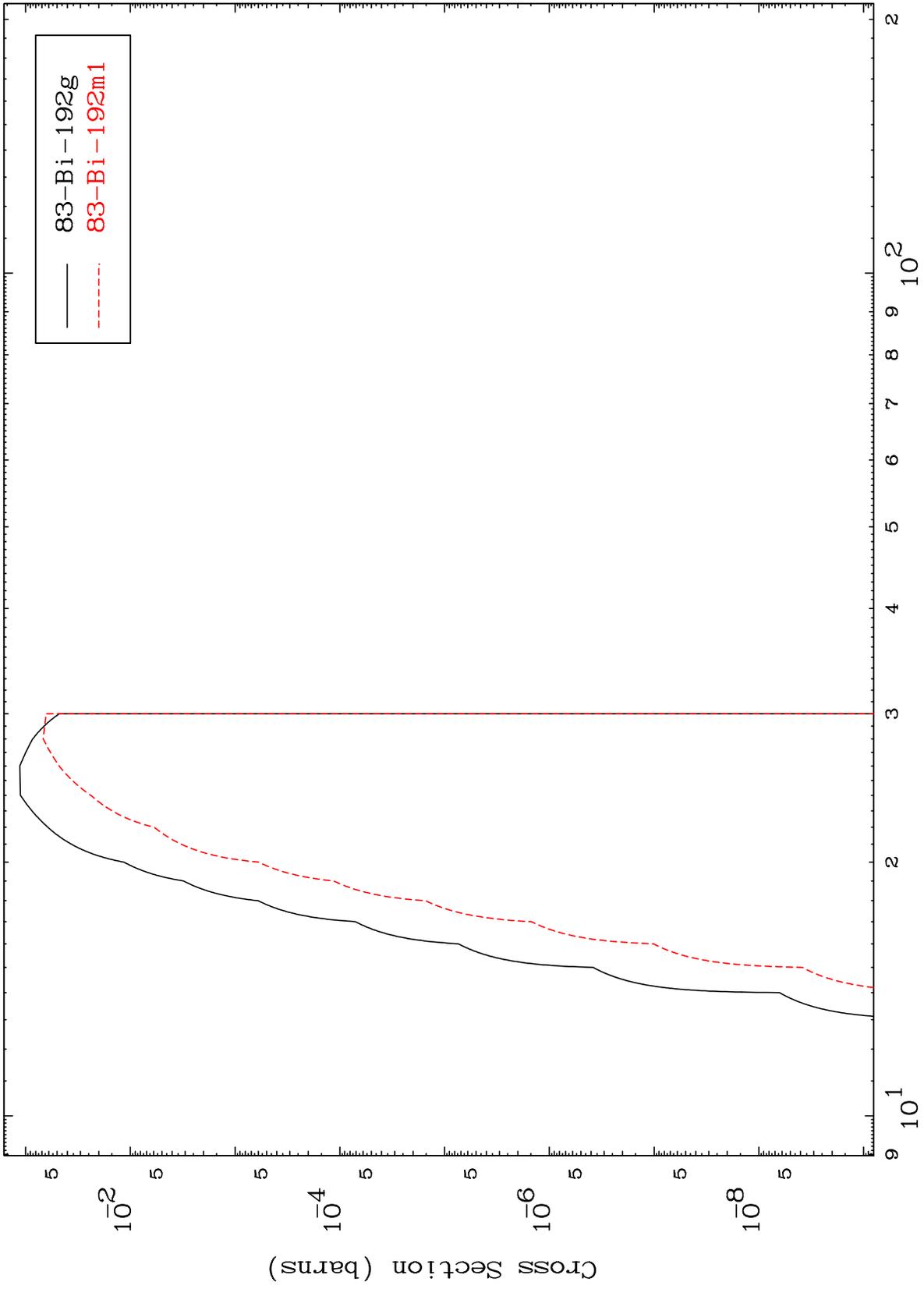
82-Pb-189



MAT 8180

82-Pb-189

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

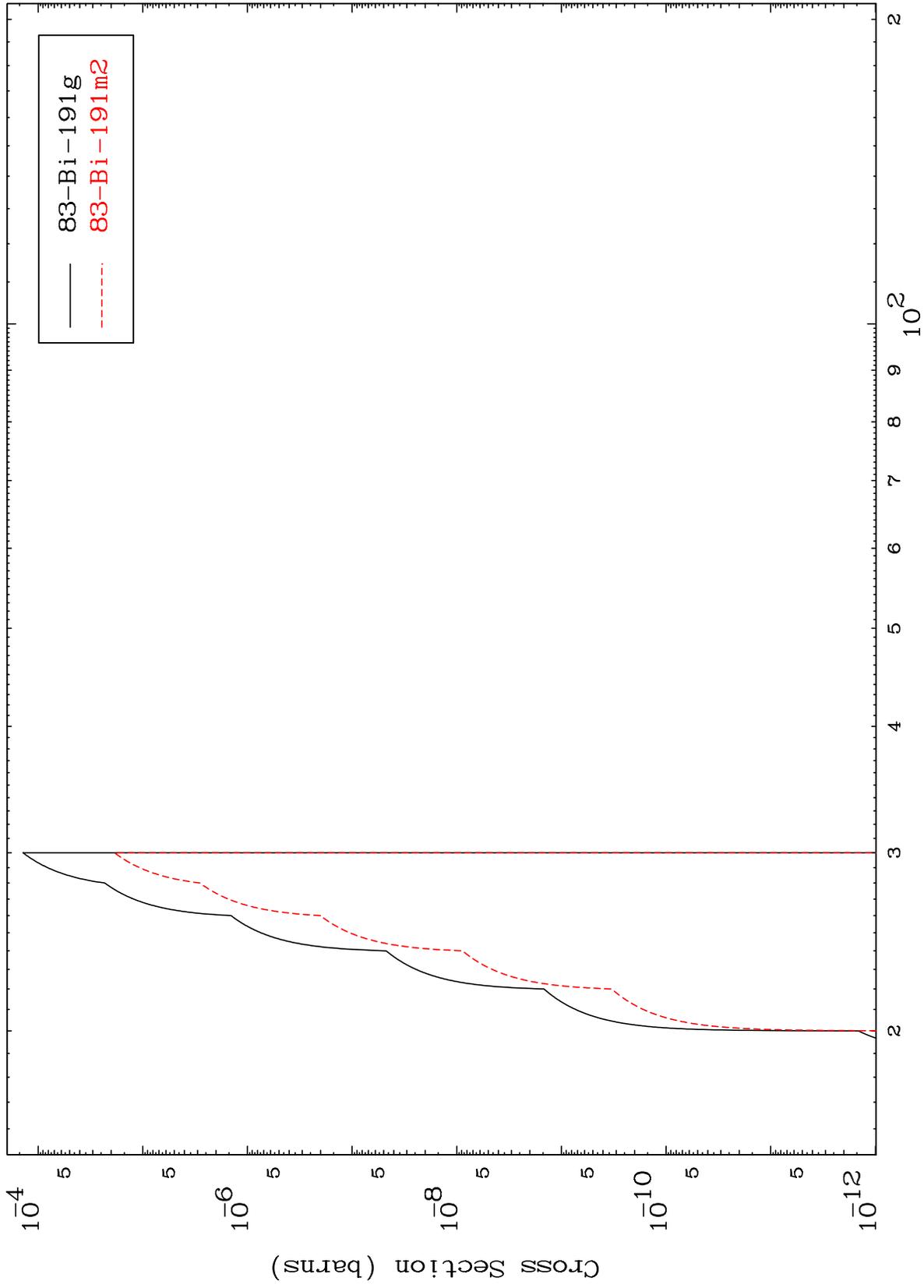
82-Pb-189

MAT 8180

(α, d)

82-Pb-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

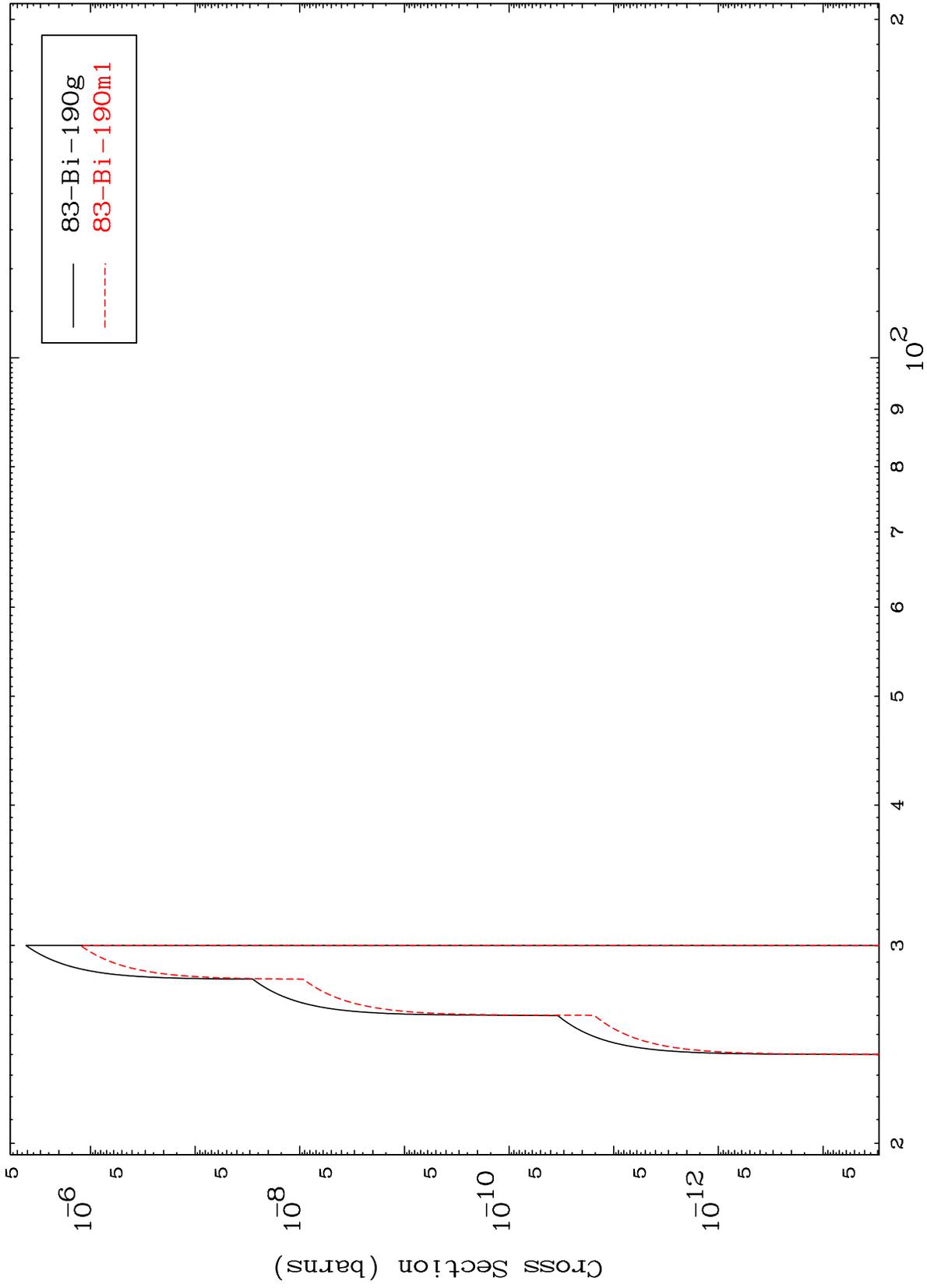
82-Pb-189

MAT 8180

(α, t)

82-Pb-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

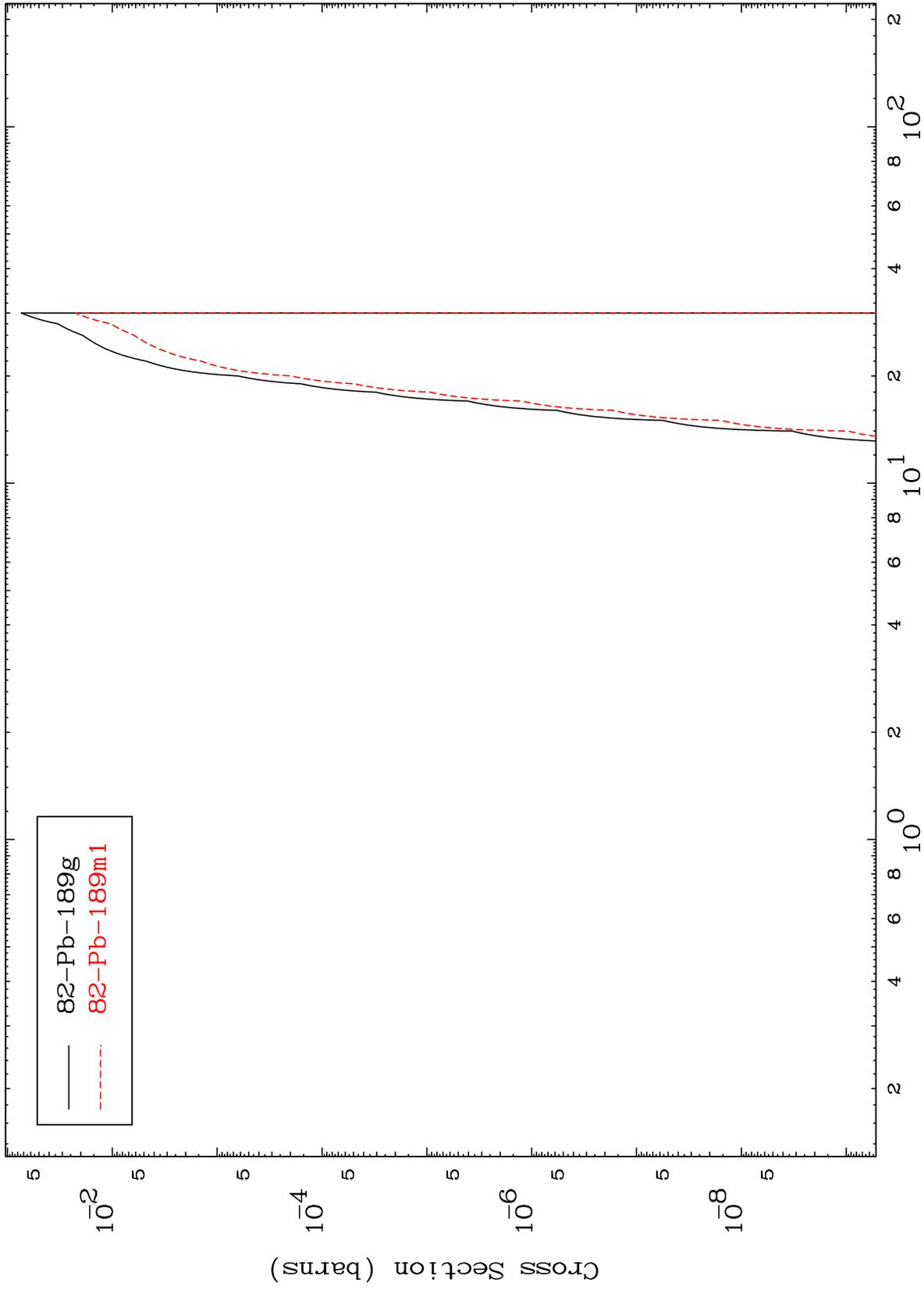
82-Pb-189

MAT 8180

(α, α)

82-Pb-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

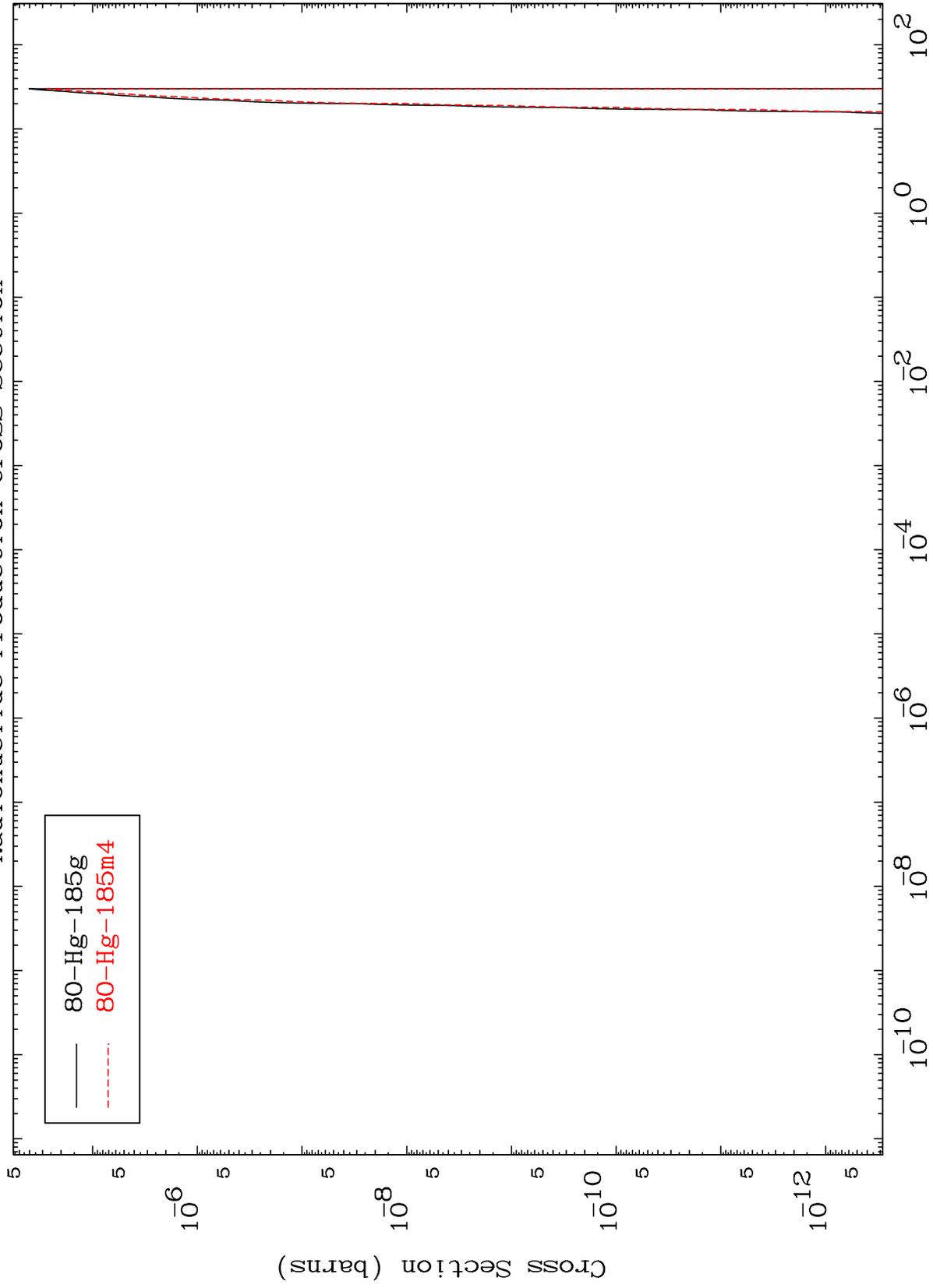
82-Pb-189

MAT 8180

($\alpha, 2\alpha$)

82-Pb-189

Radionuclide Production Cross Section



19

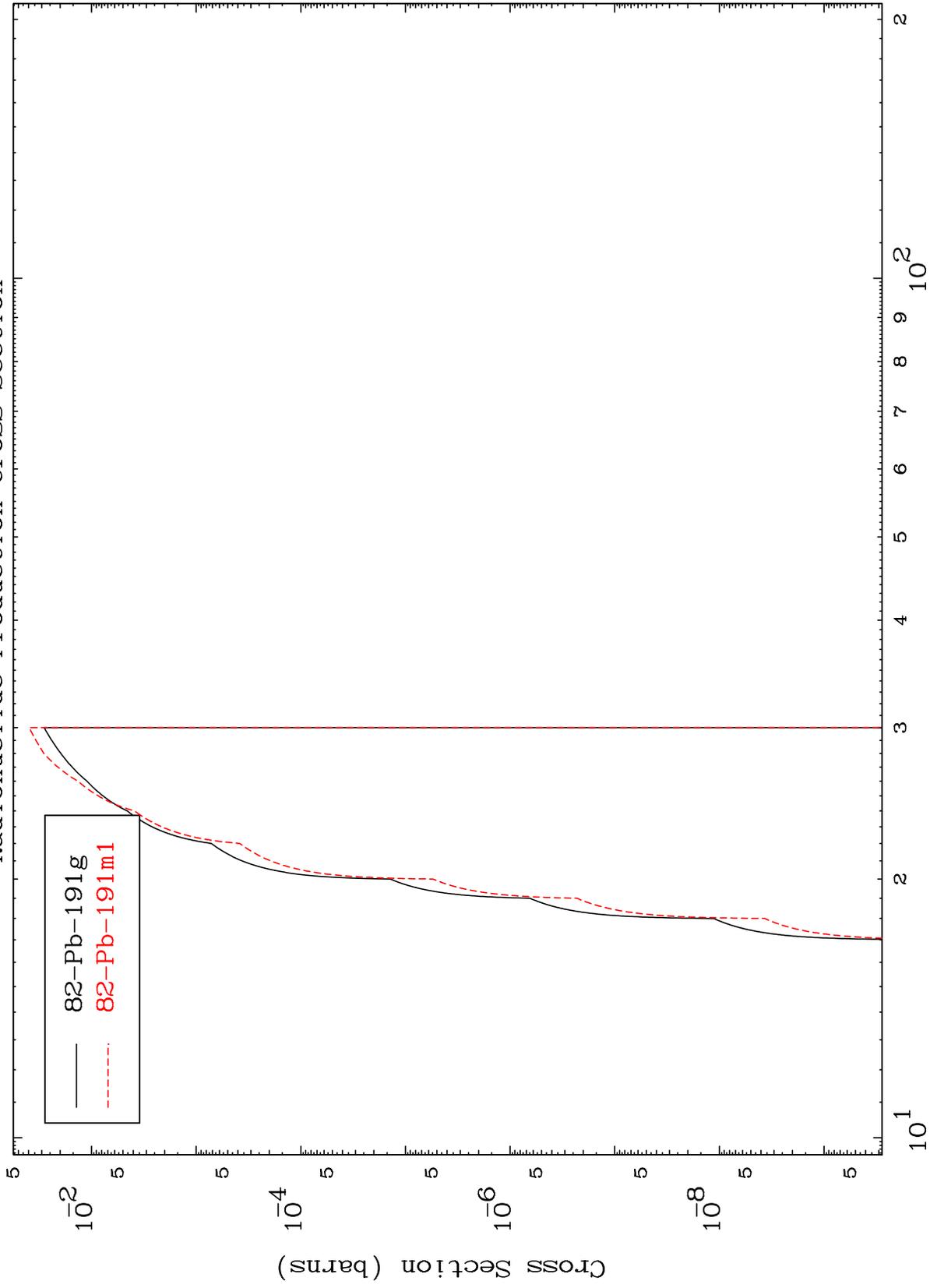
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

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



82-Pb-189

Incident Energy (MeV)

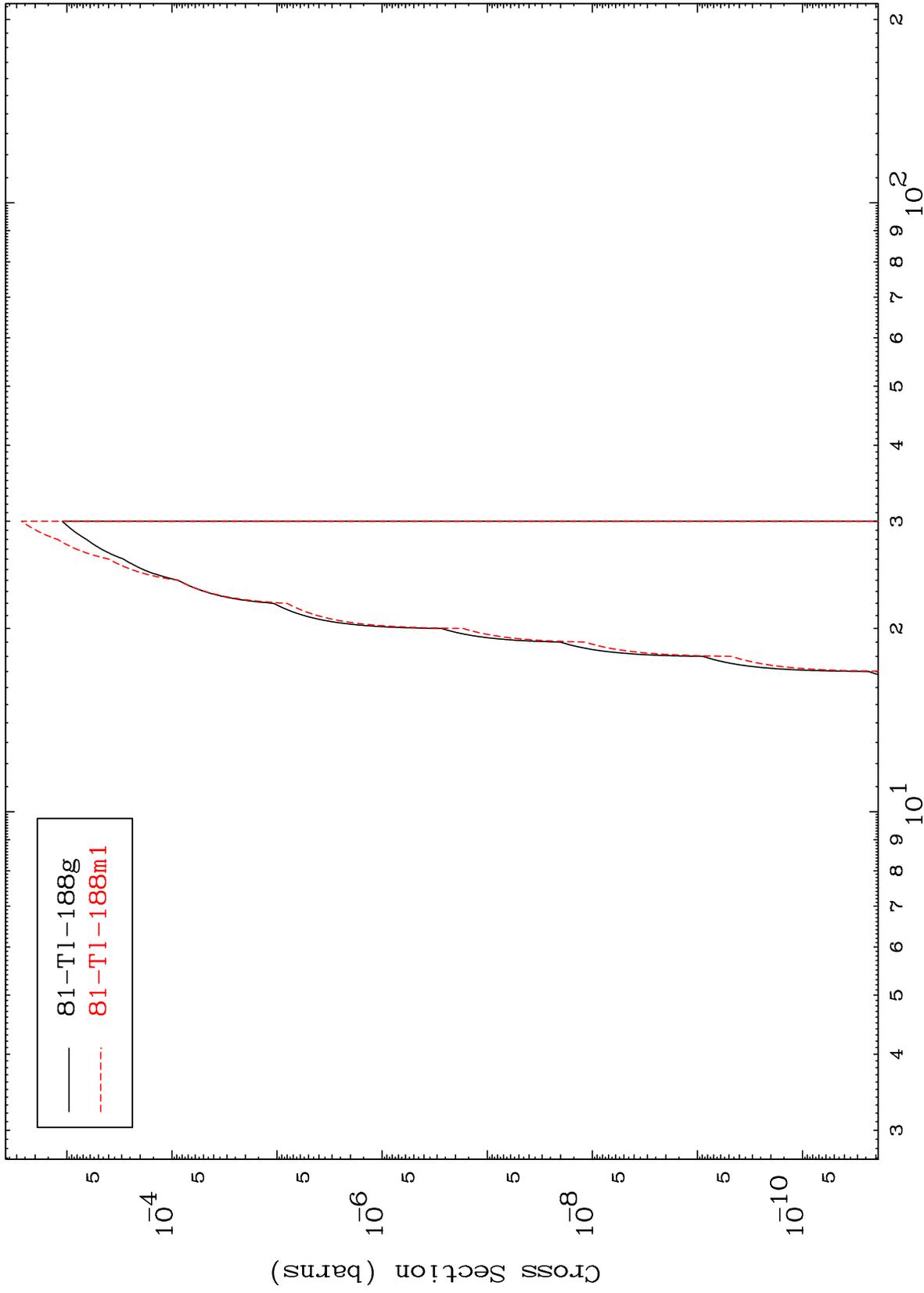
20

MAT 8180

(α, p) α

82-Pb-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

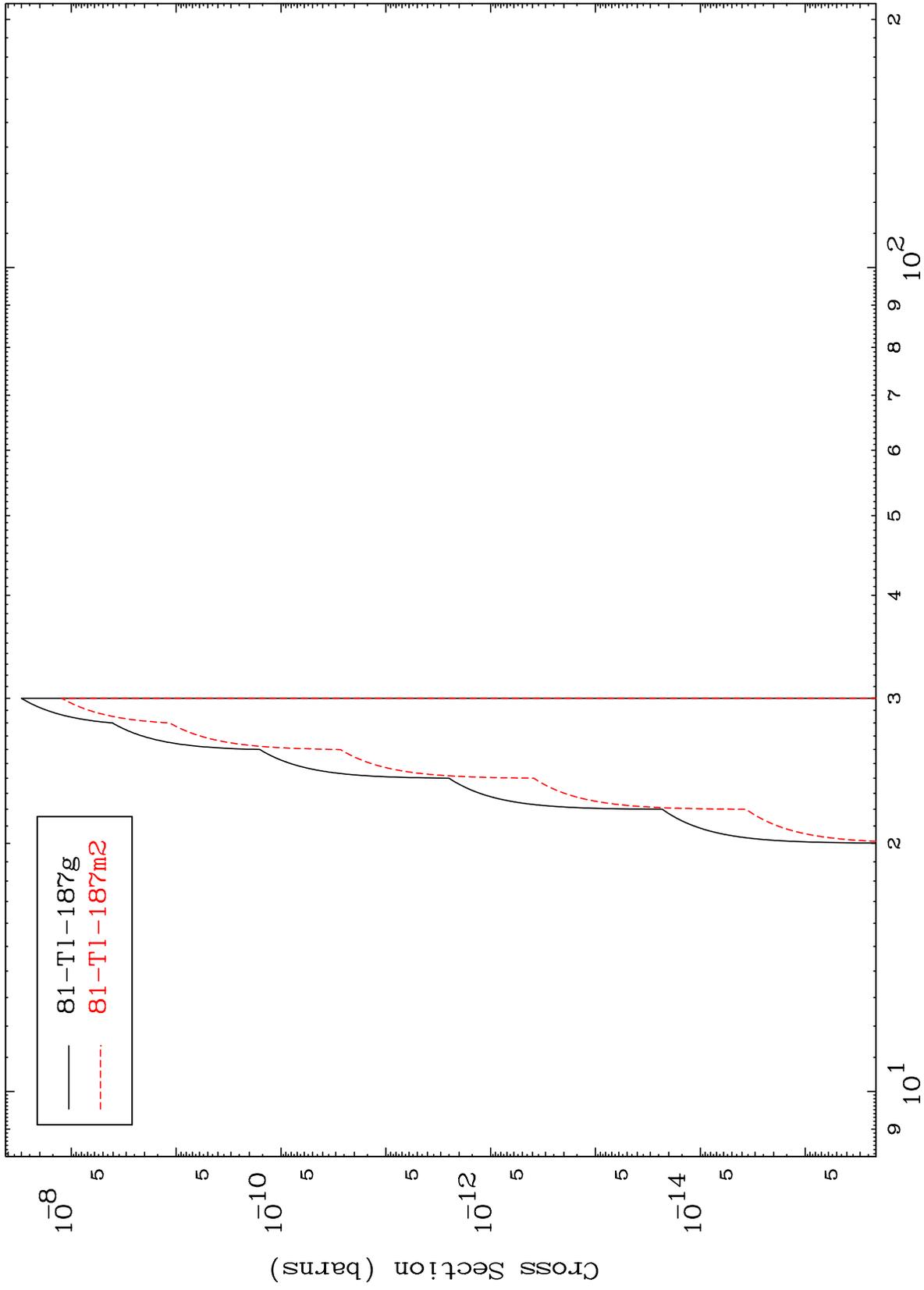
82-Pb-189

MAT 8180

(α, d) α

82-Pb-189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

82-Pb-189