

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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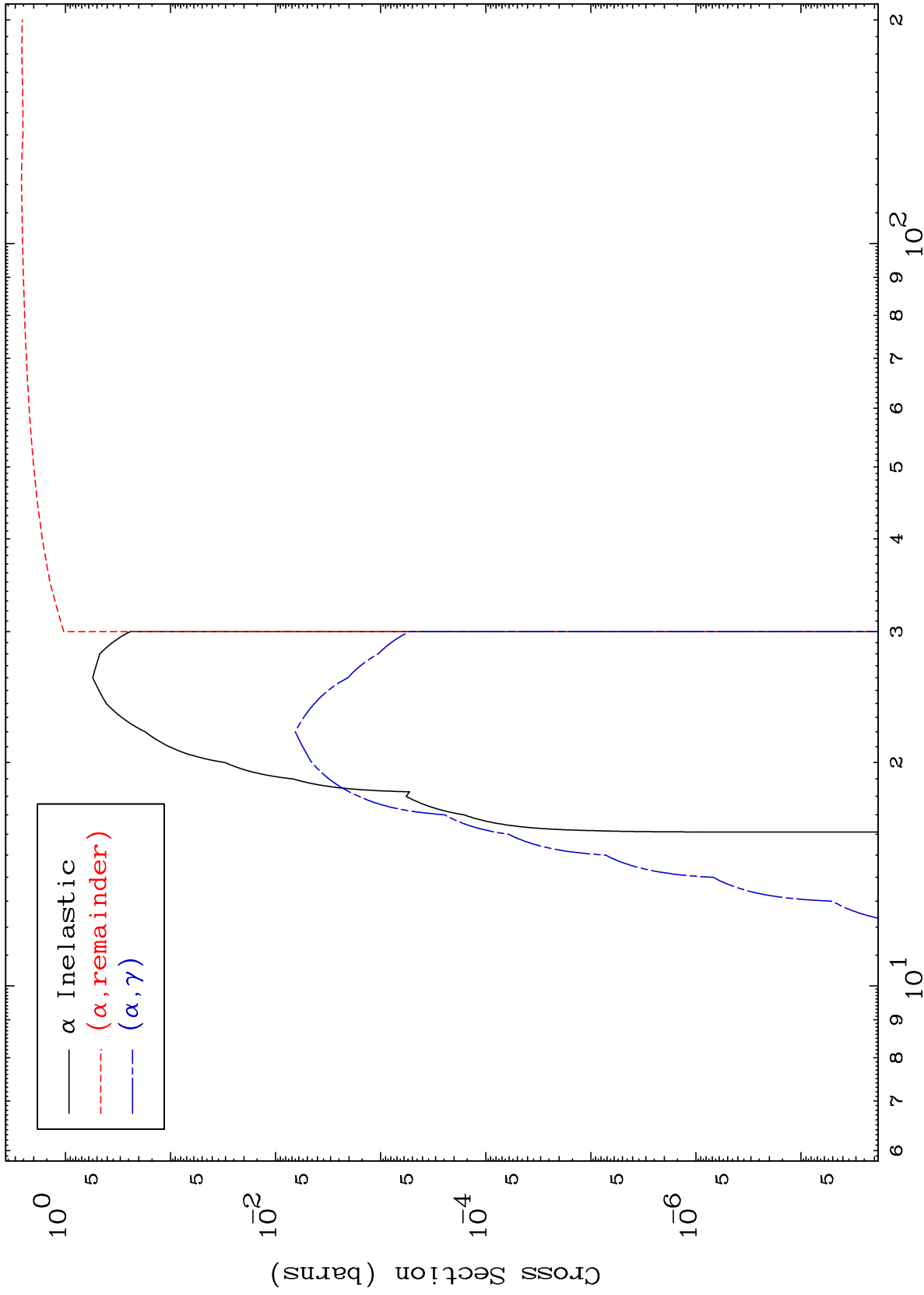
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8201

0 Kelvin α Major
Cross Sections

82-Pb-196

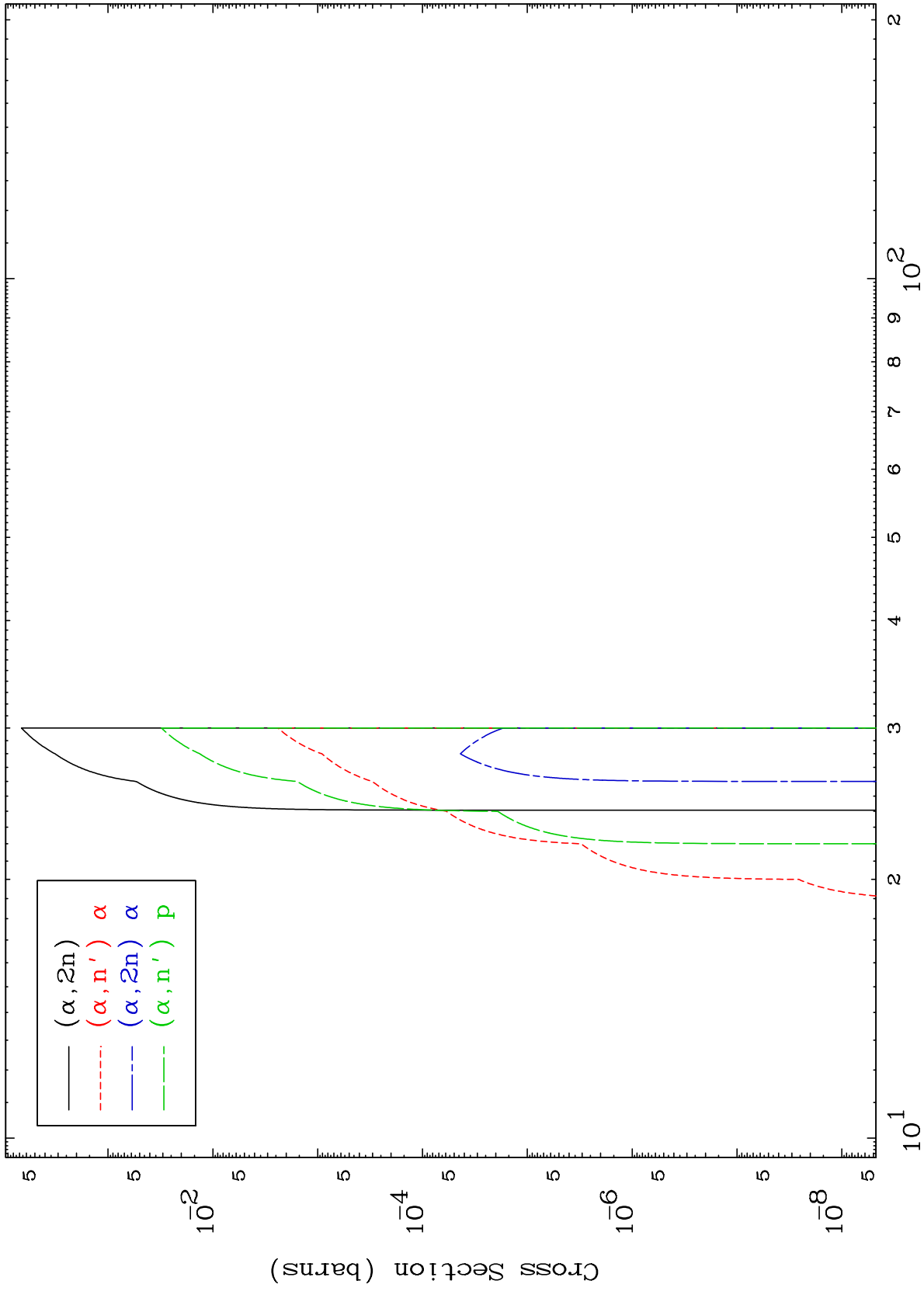


82-Pb-196

MAT 8201

α Neutron Production
0 Kelvin Cross Sections

82-Pb-196



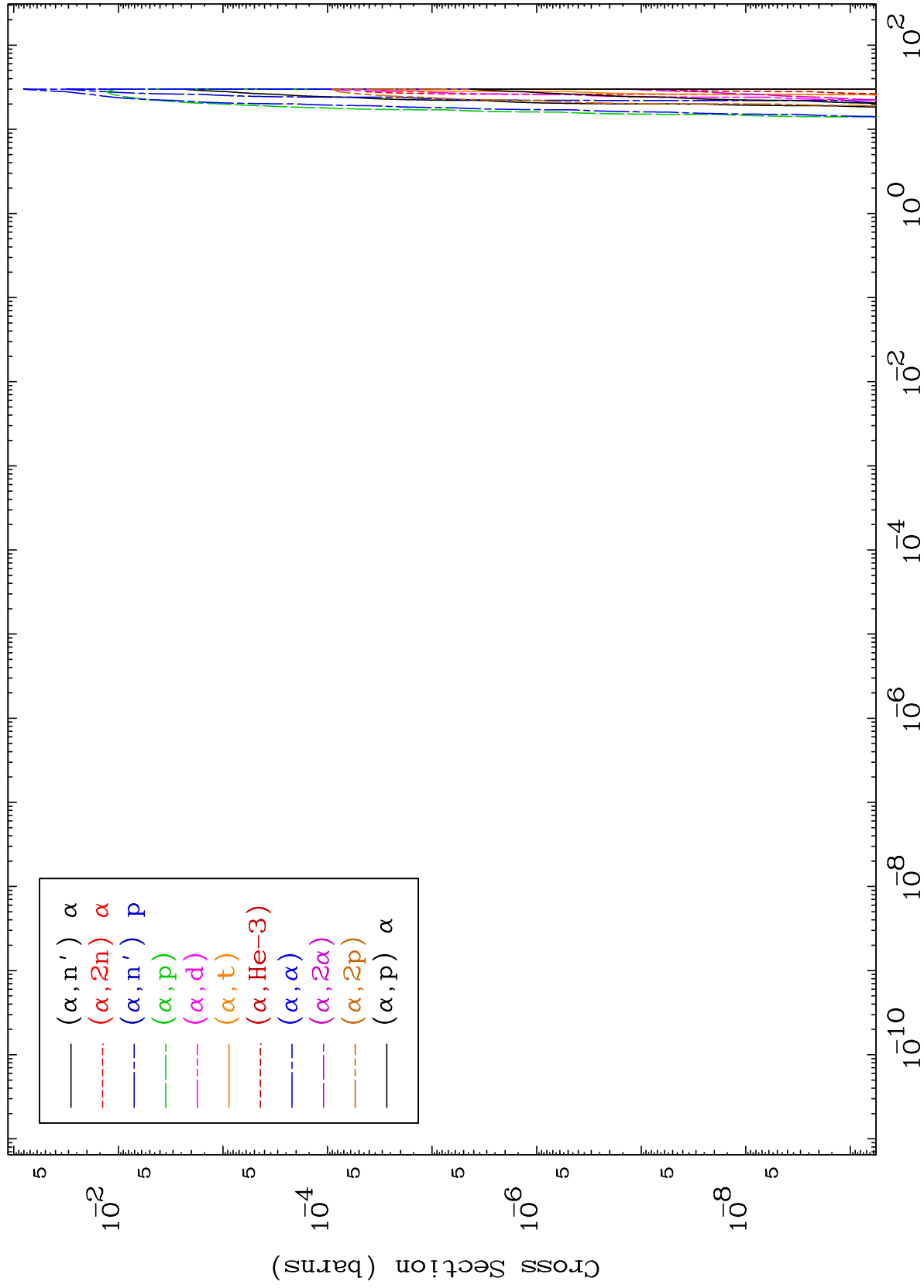
Incident Energy (MeV)

82-Pb-196

MAT 8201

α Charged Particle
0 Kelvin Cross Sections

82-Pb-196



3

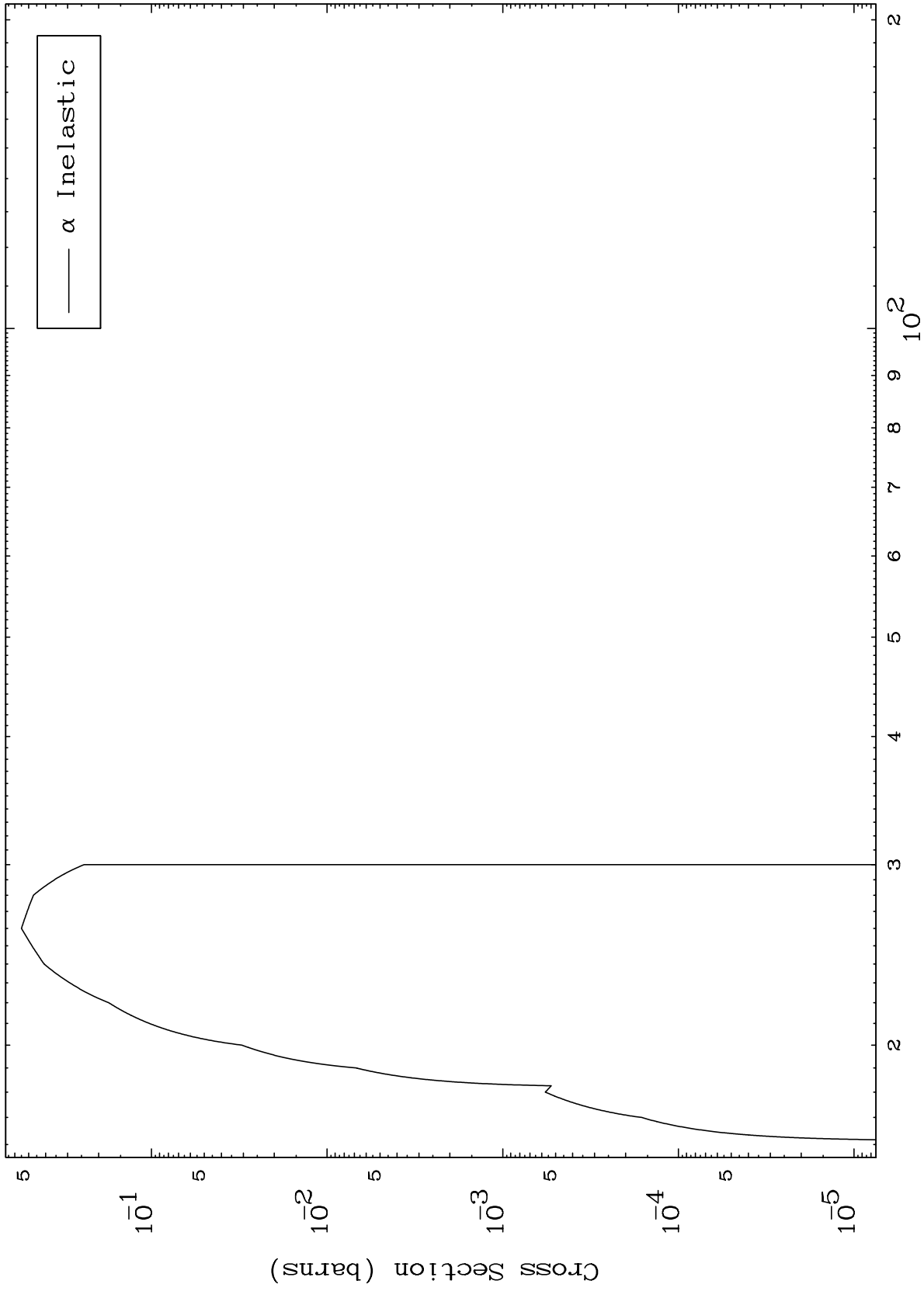
Incident Energy (MeV)

82-Pb-196

MAT 8201

(α, n') Level
0 Kelvin Cross Sections

82-Pb-196



4

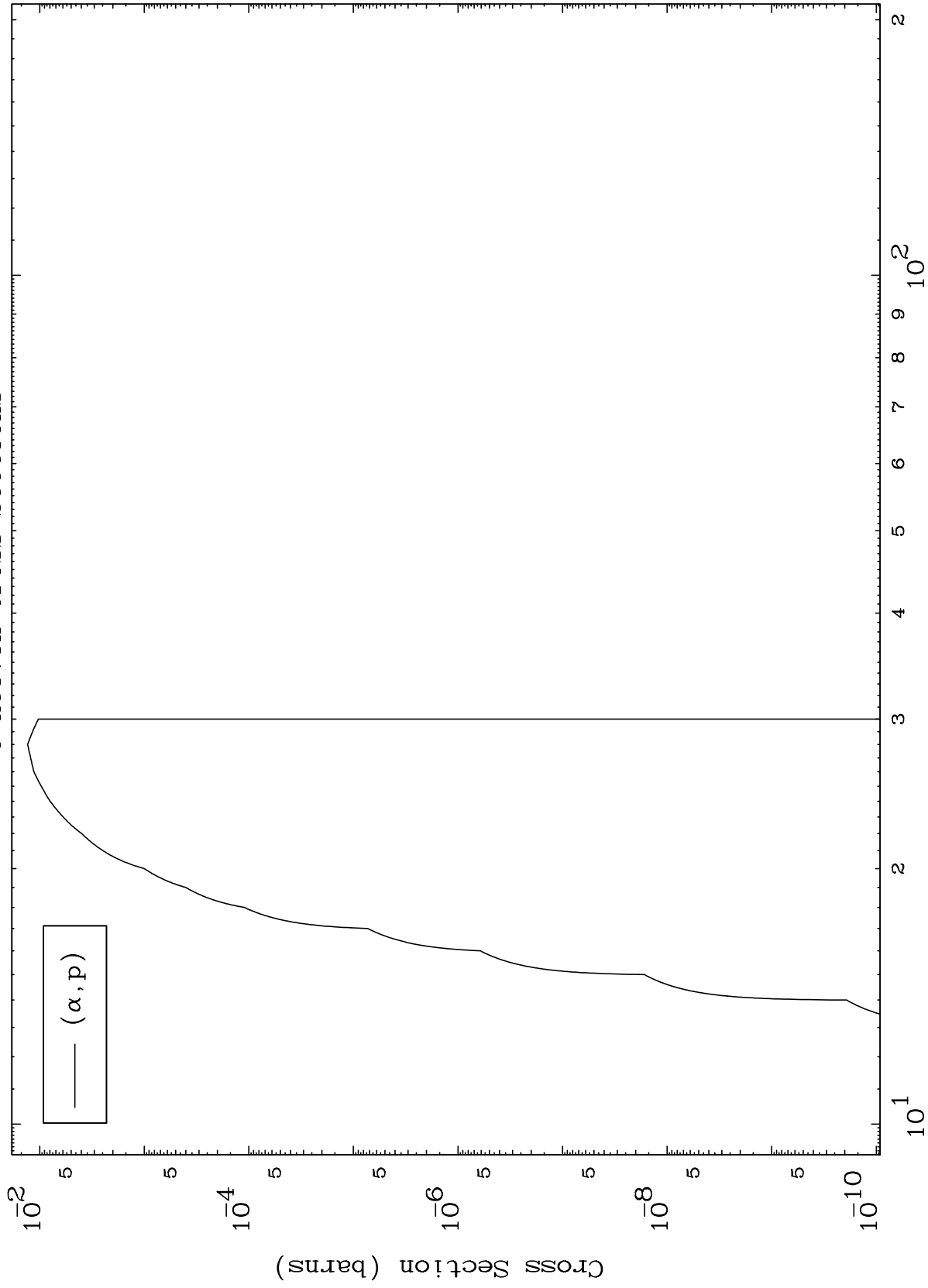
Incident Energy (MeV)

82-Pb-196

MAT 8201

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-196

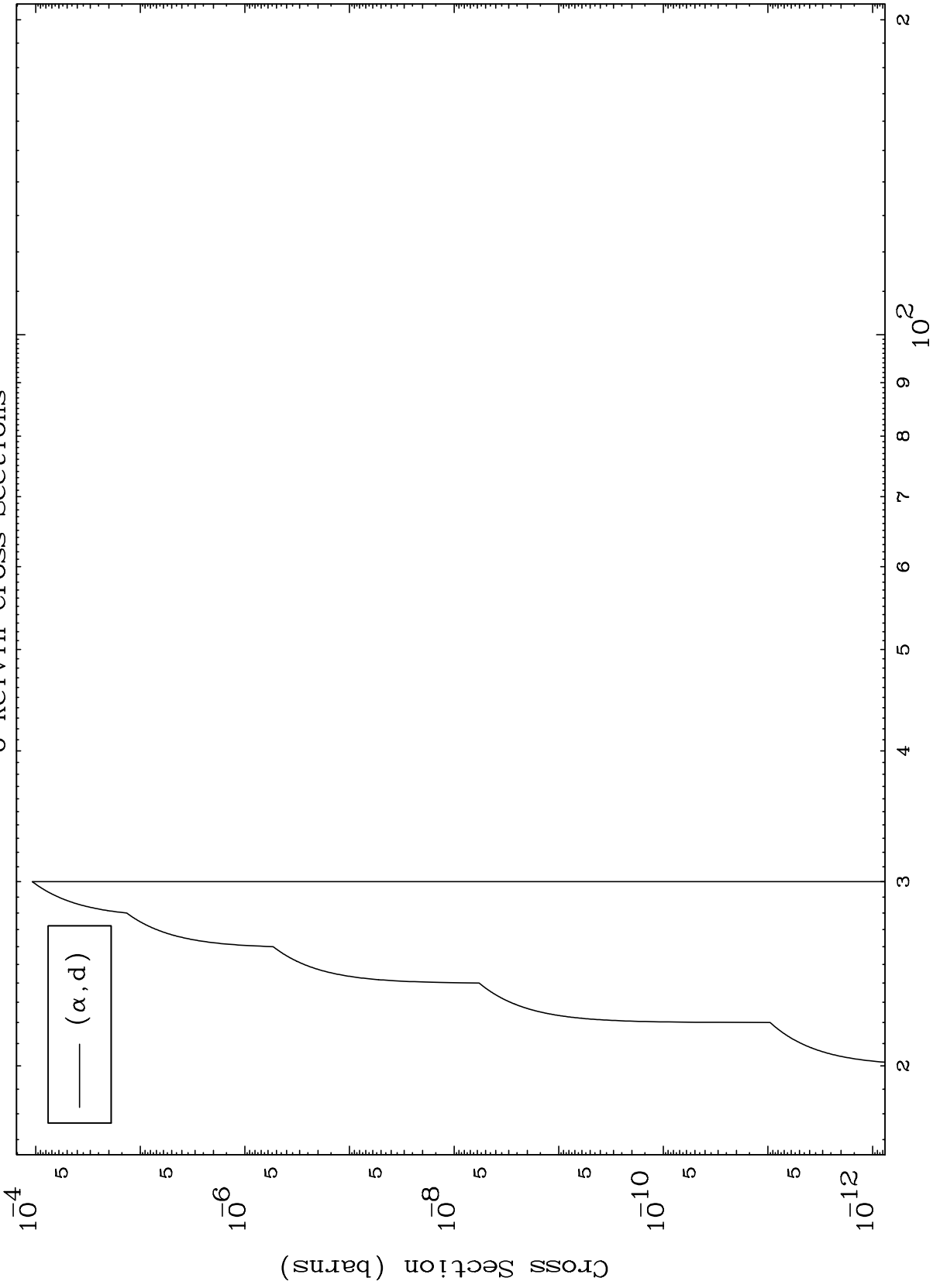


82-Pb-196

MAT 8201

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-196



6

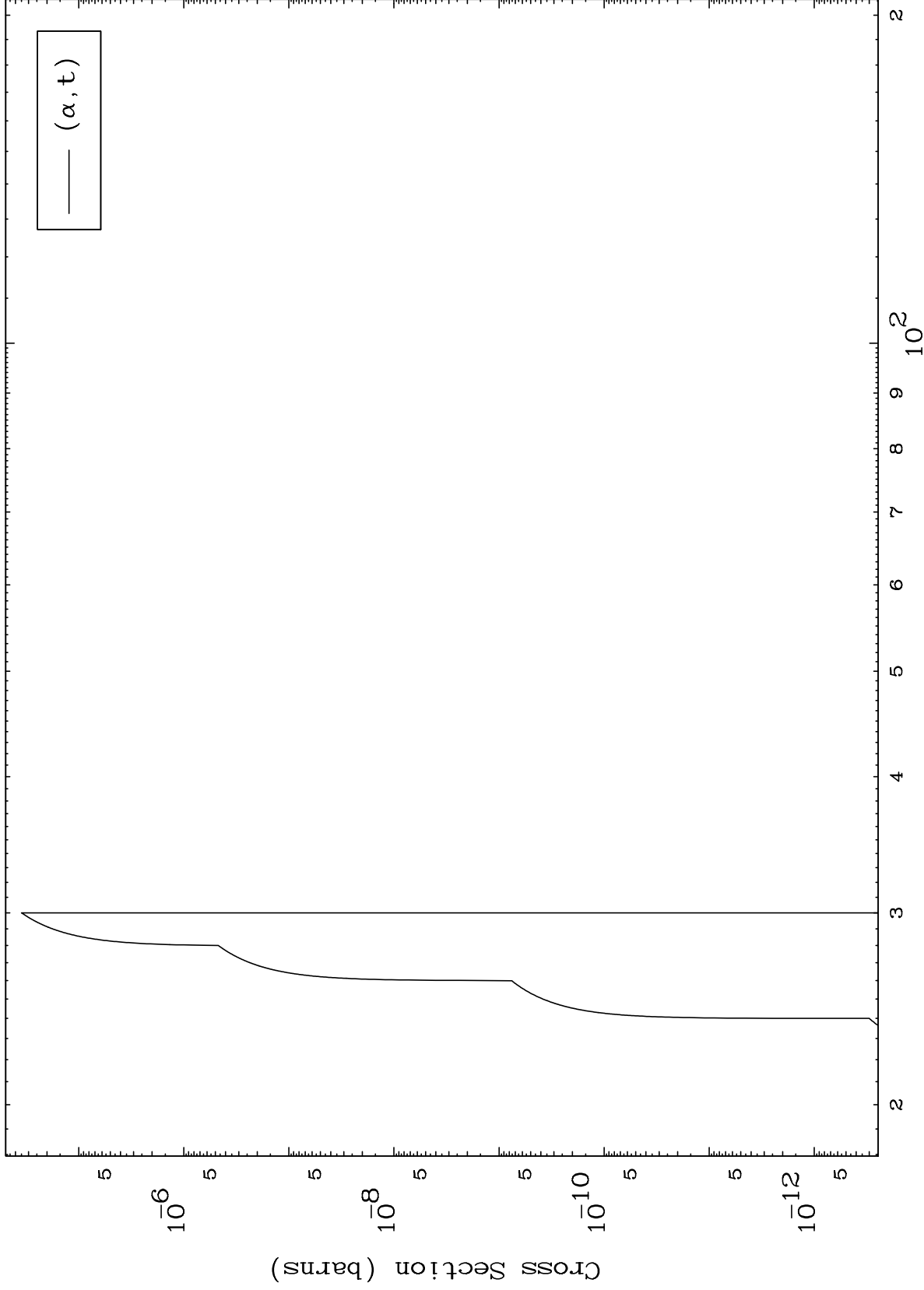
Incident Energy (MeV)

82-Pb-196

MAT 8201

(α, t) Levels
0 Kelvin Cross Sections

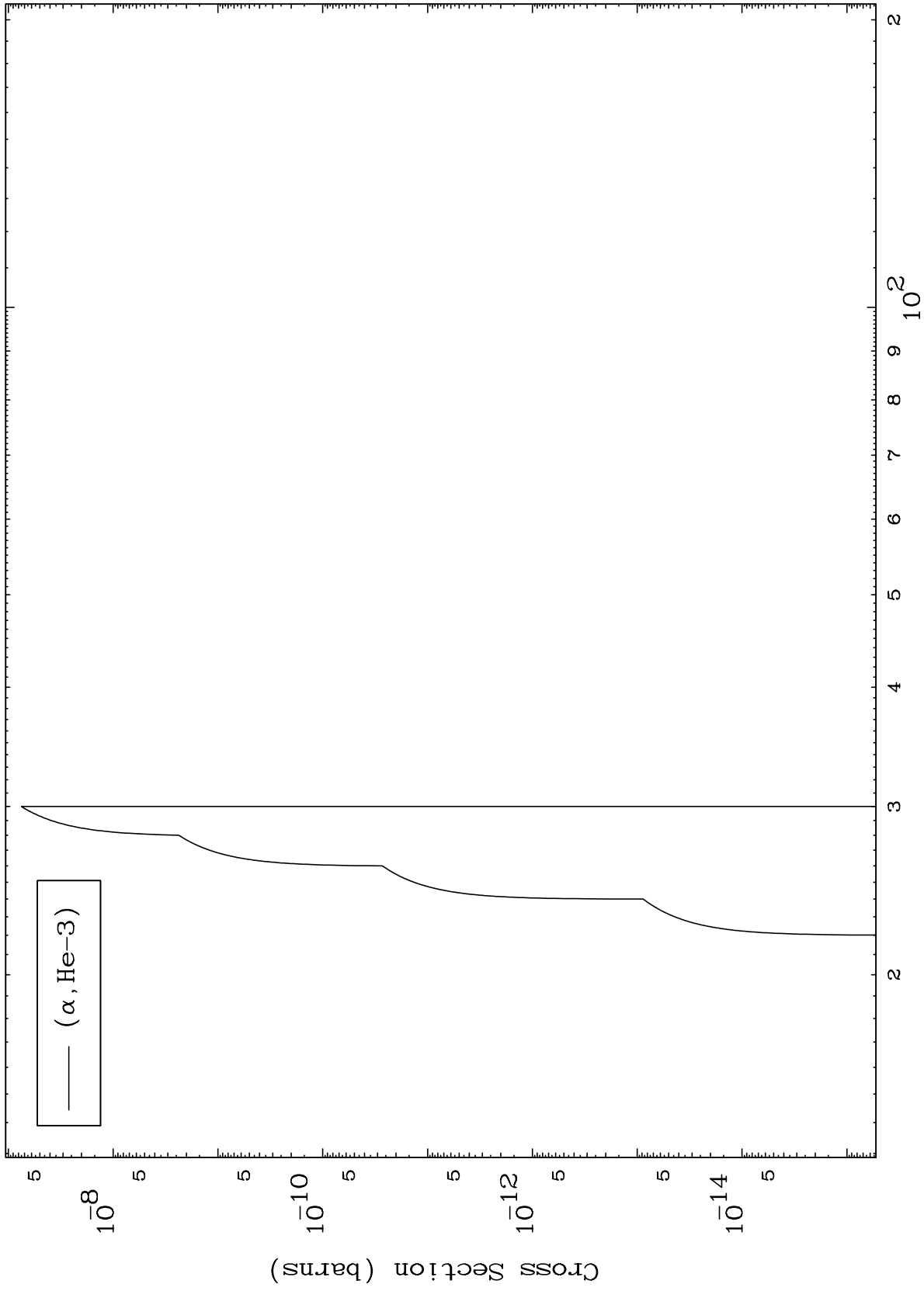
82-Pb-196



7

Incident Energy (MeV)

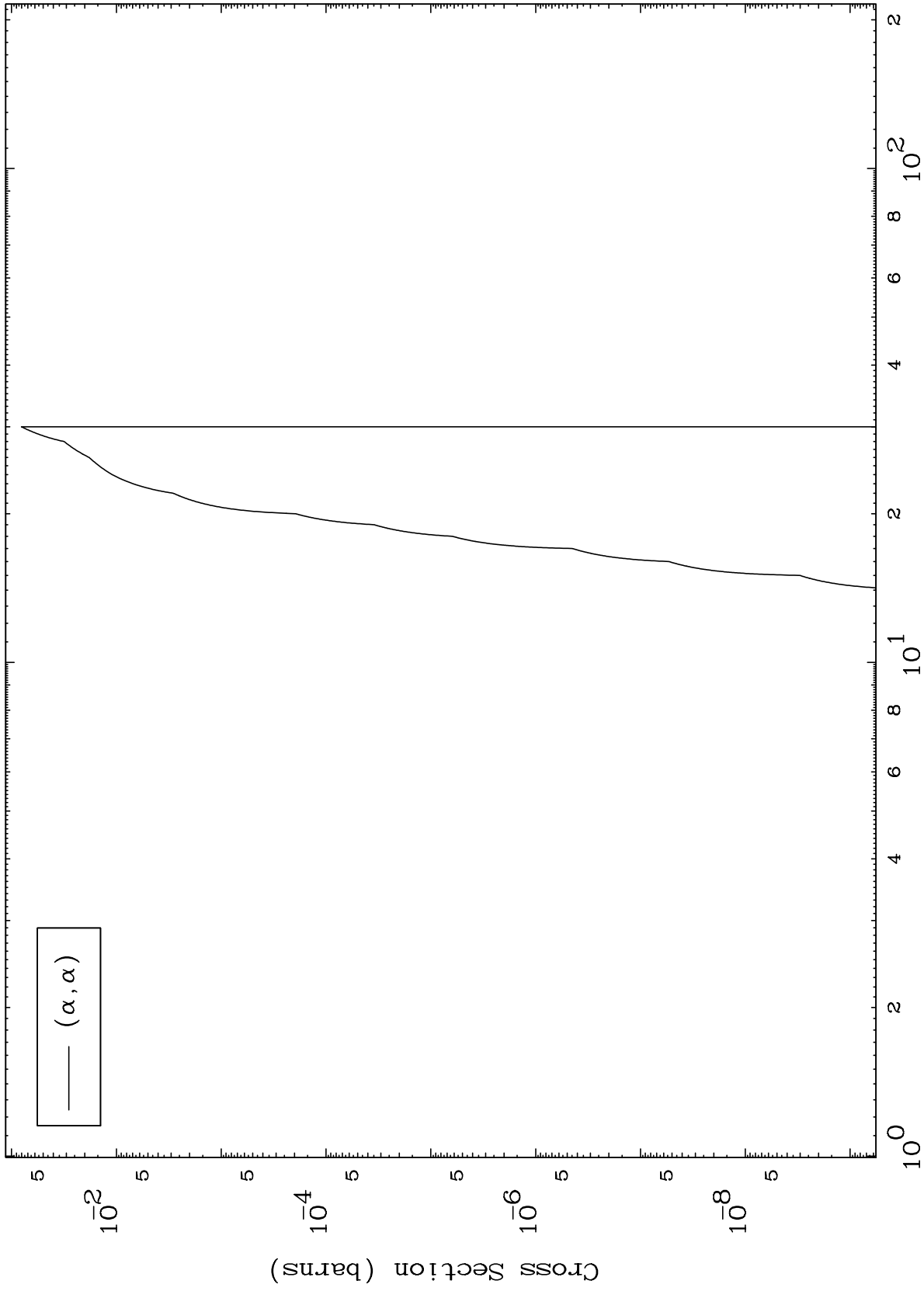
82-Pb-196



MAT 8201

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-196



9

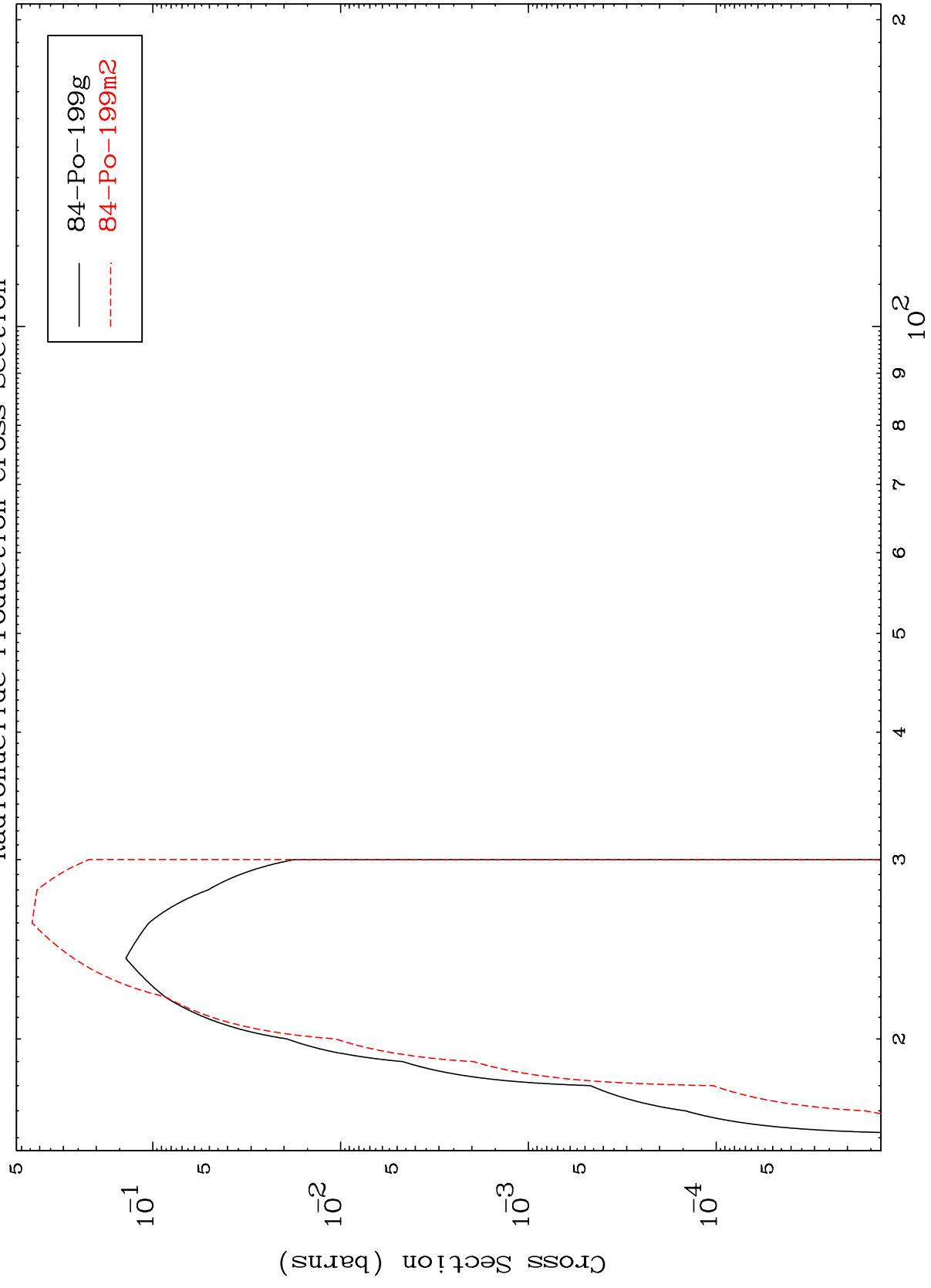
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

α Inelastic
Radionuclide Production Cross Section



10

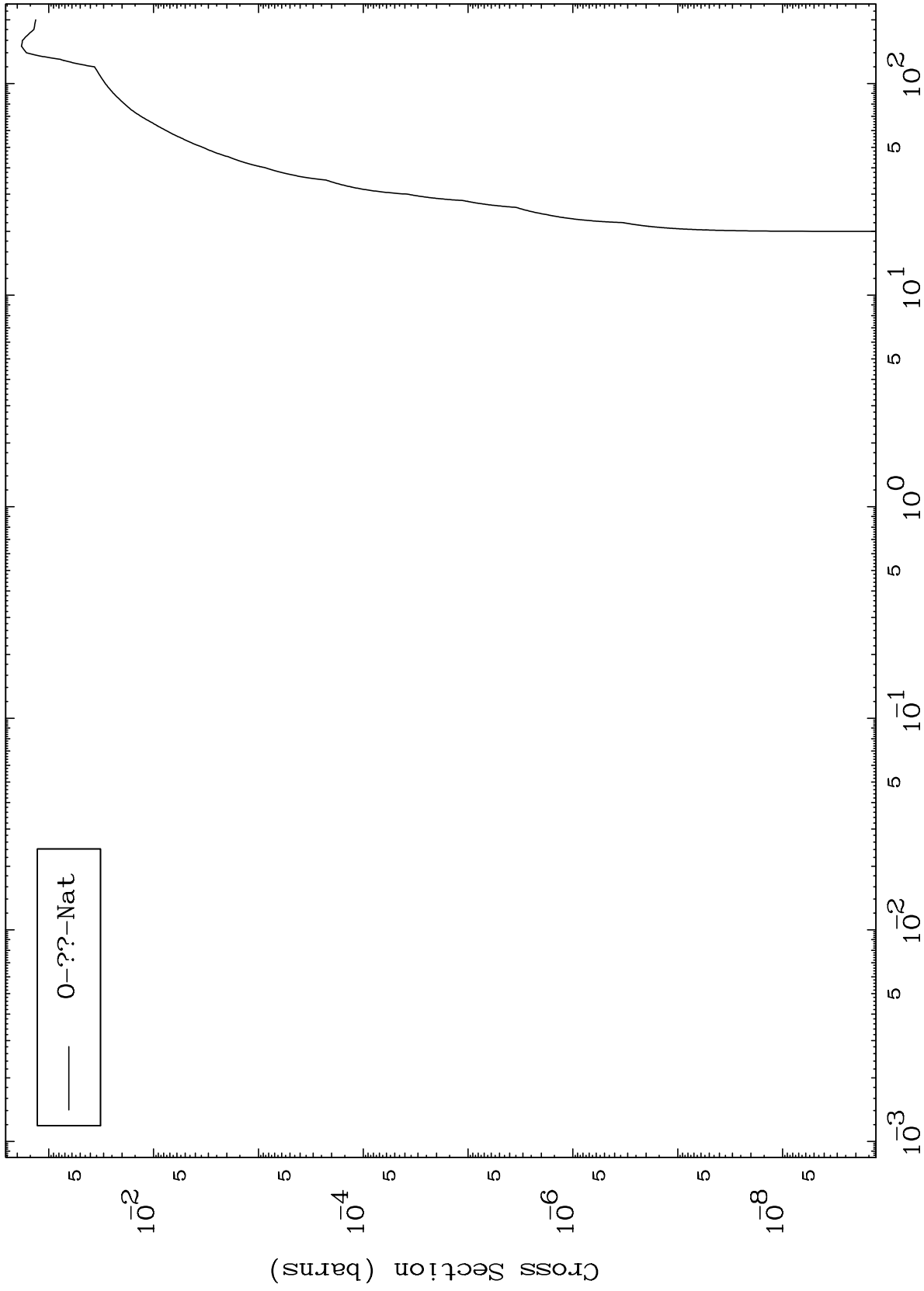
Incident Energy (MeV)

82-Pb-196

MAT 8201

α Fission
Radionuclide Production Cross Section

82-Pb-196



11

Incident Energy (MeV)

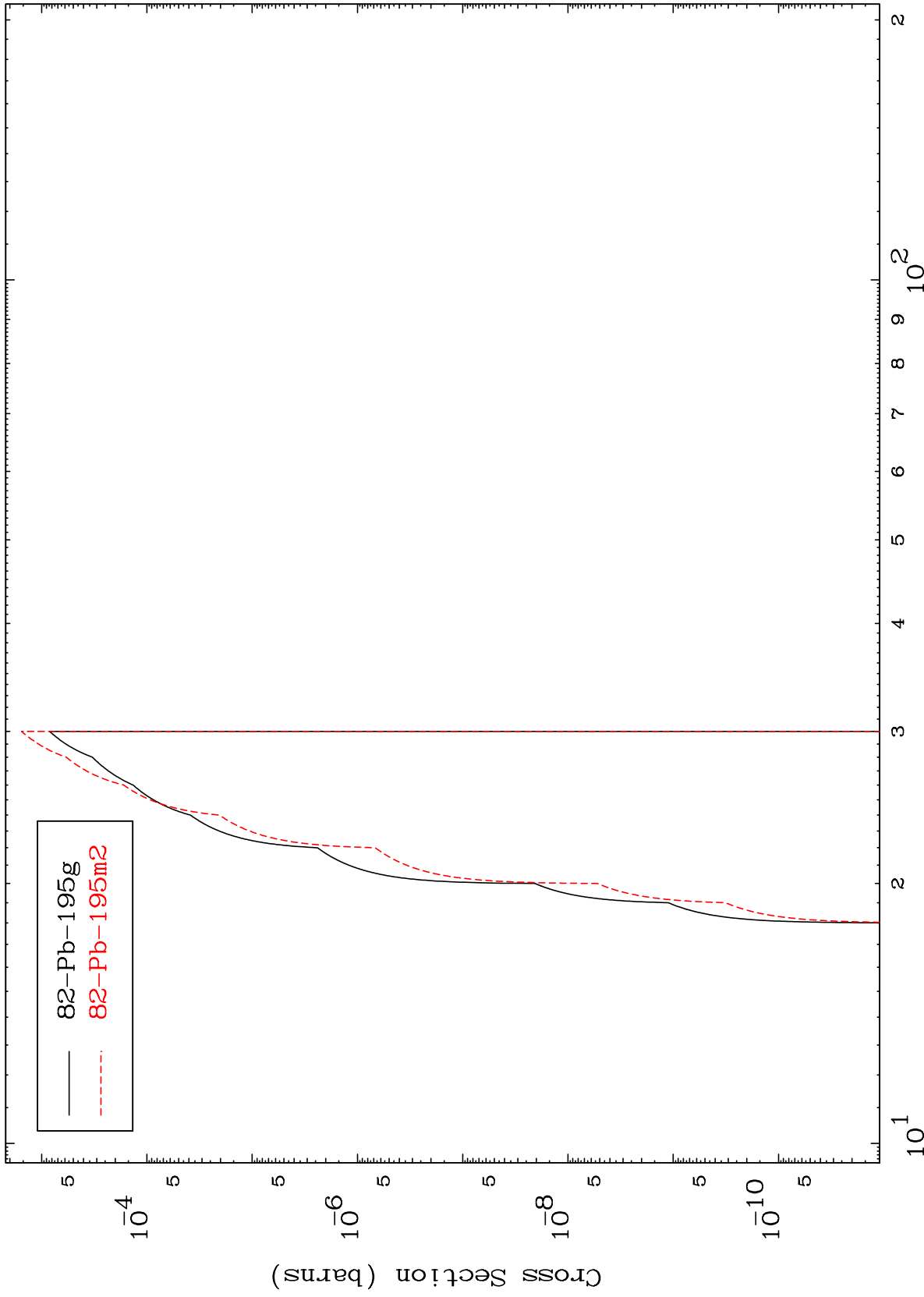
82-Pb-196

MAT 8201

(α, n') α

82-Pb-196

Radionuclide Production Cross Section



Incident Energy (MeV)

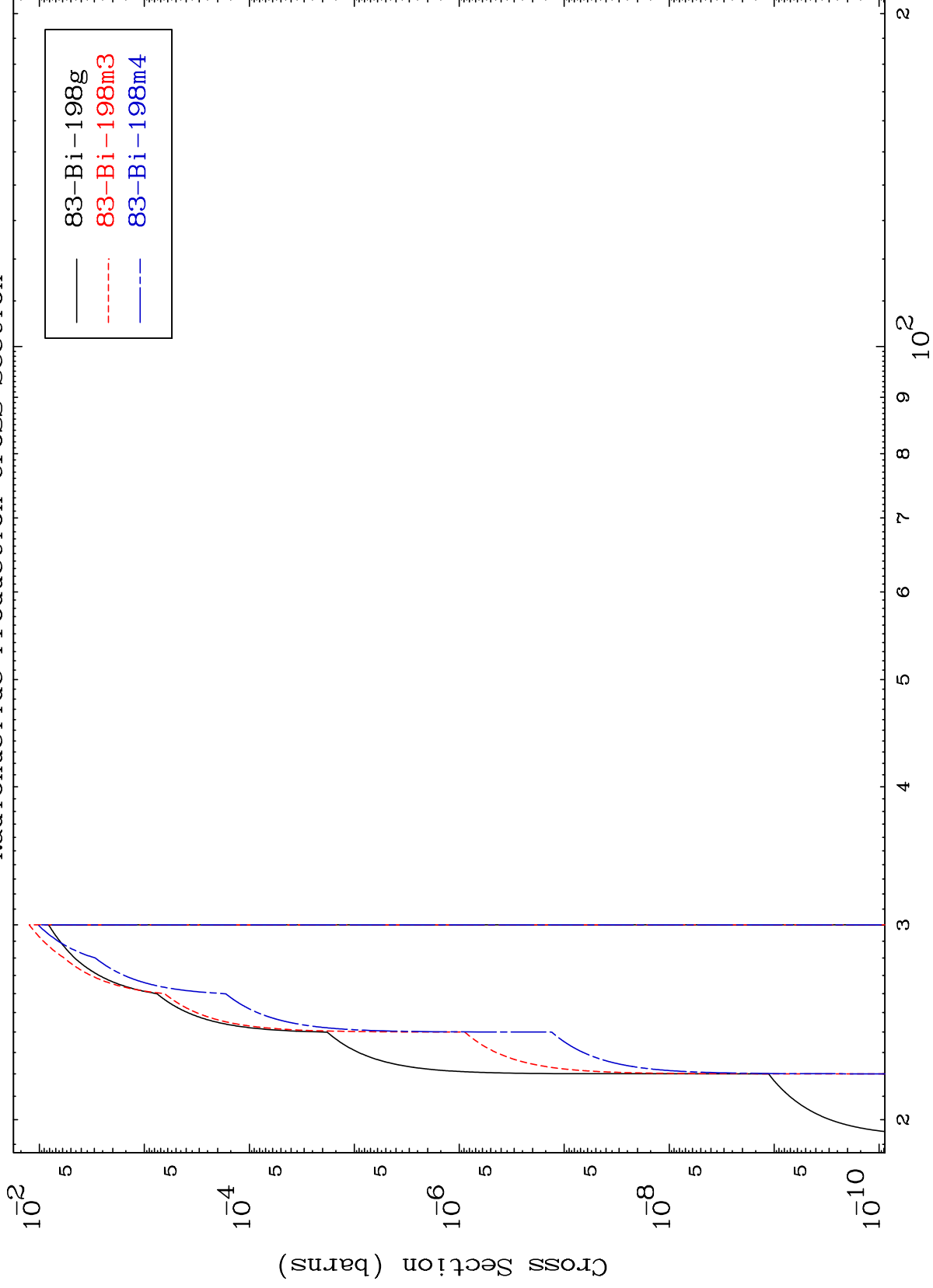
82-Pb-196

MAT 8201

(α, n') p

82-Pb-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

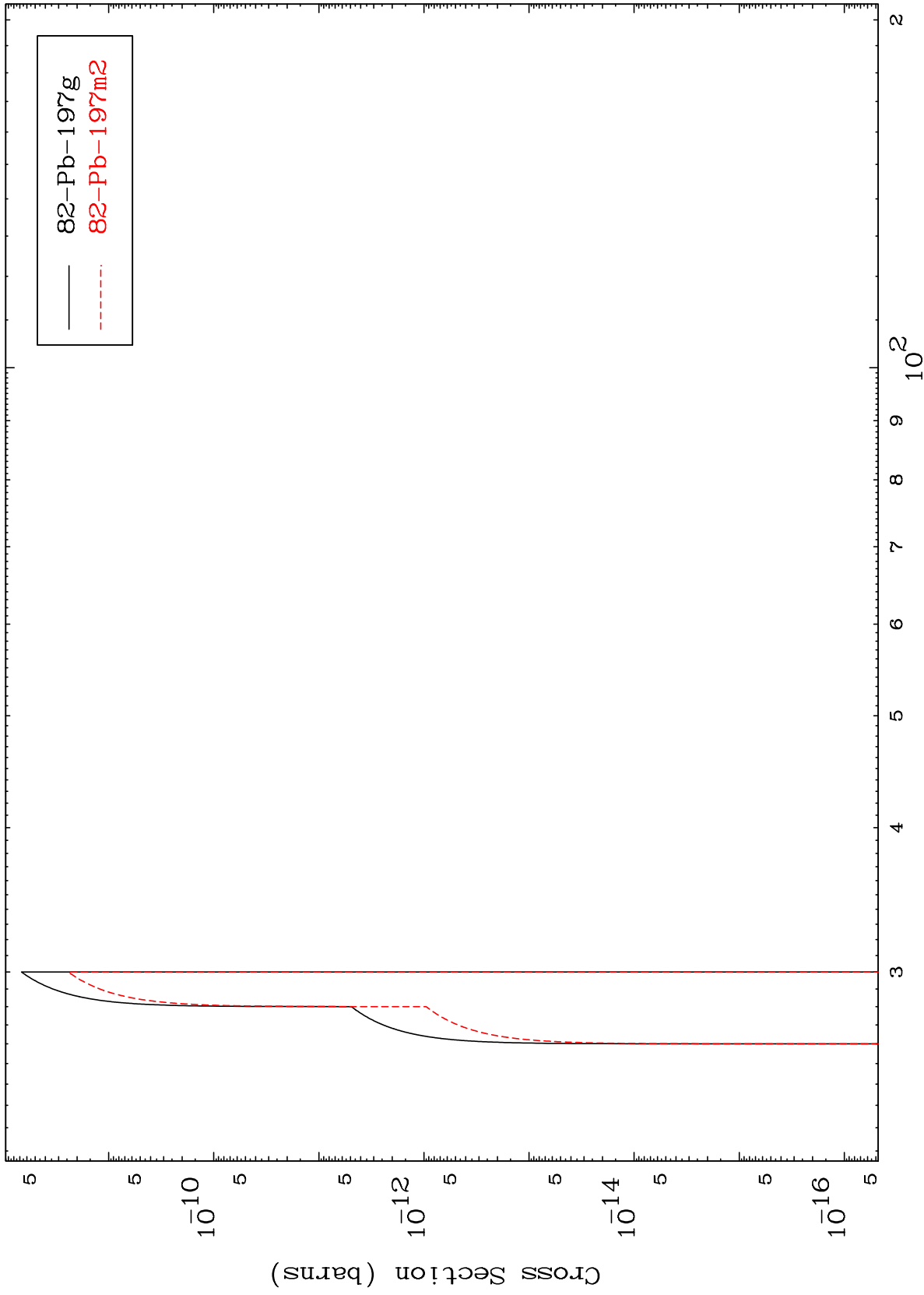
82-Pb-196

MAT 8201

$(\alpha, 2n)$ p

82-Pb-196

Radionuclide Production Cross Section



14

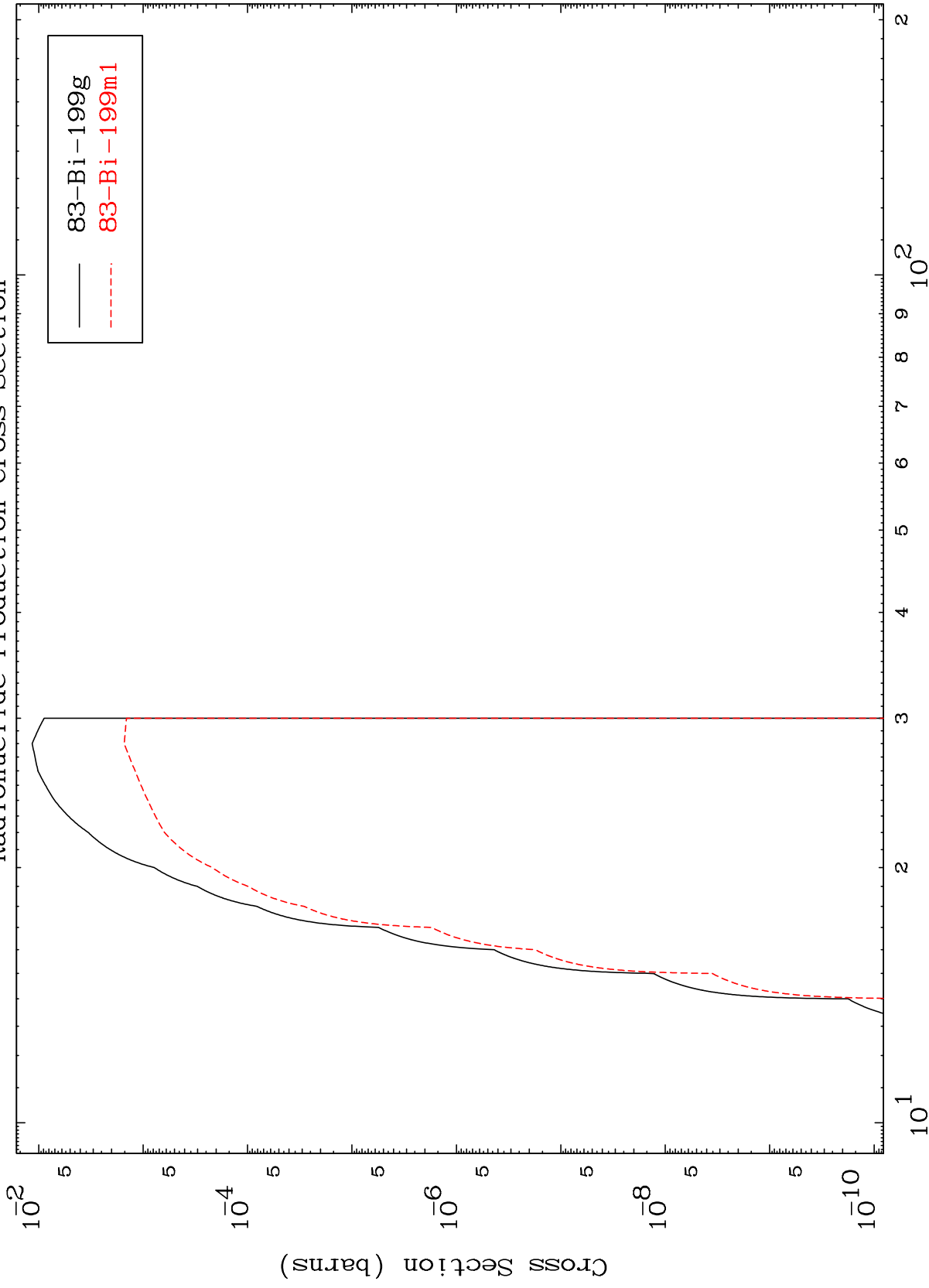
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(α, p)
Radionuclide Production Cross Section



Incident Energy (MeV)

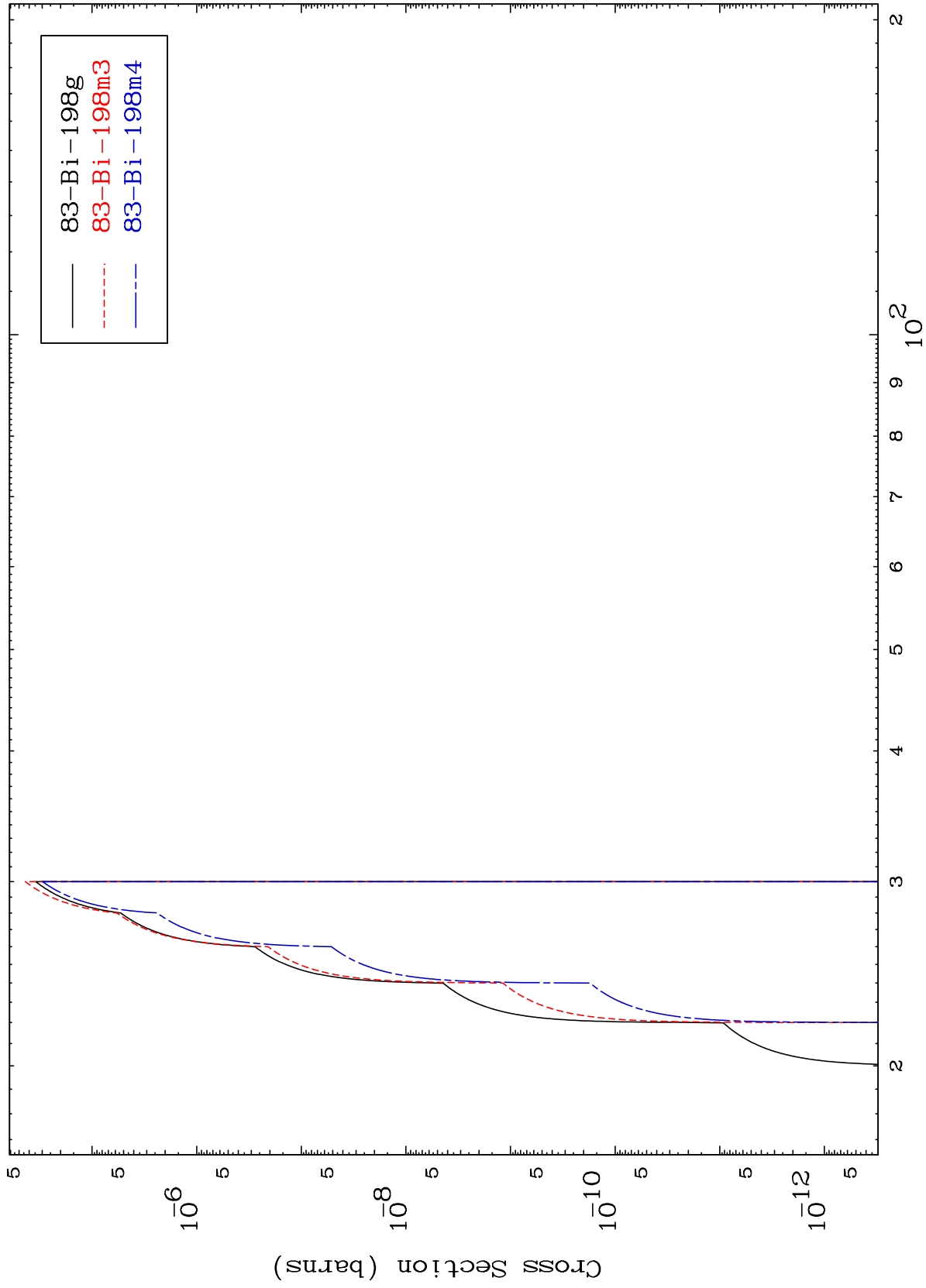
82-Pb-196

MAT 8201

(α, d)

82-Pb-196

Radionuclide Production Cross Section



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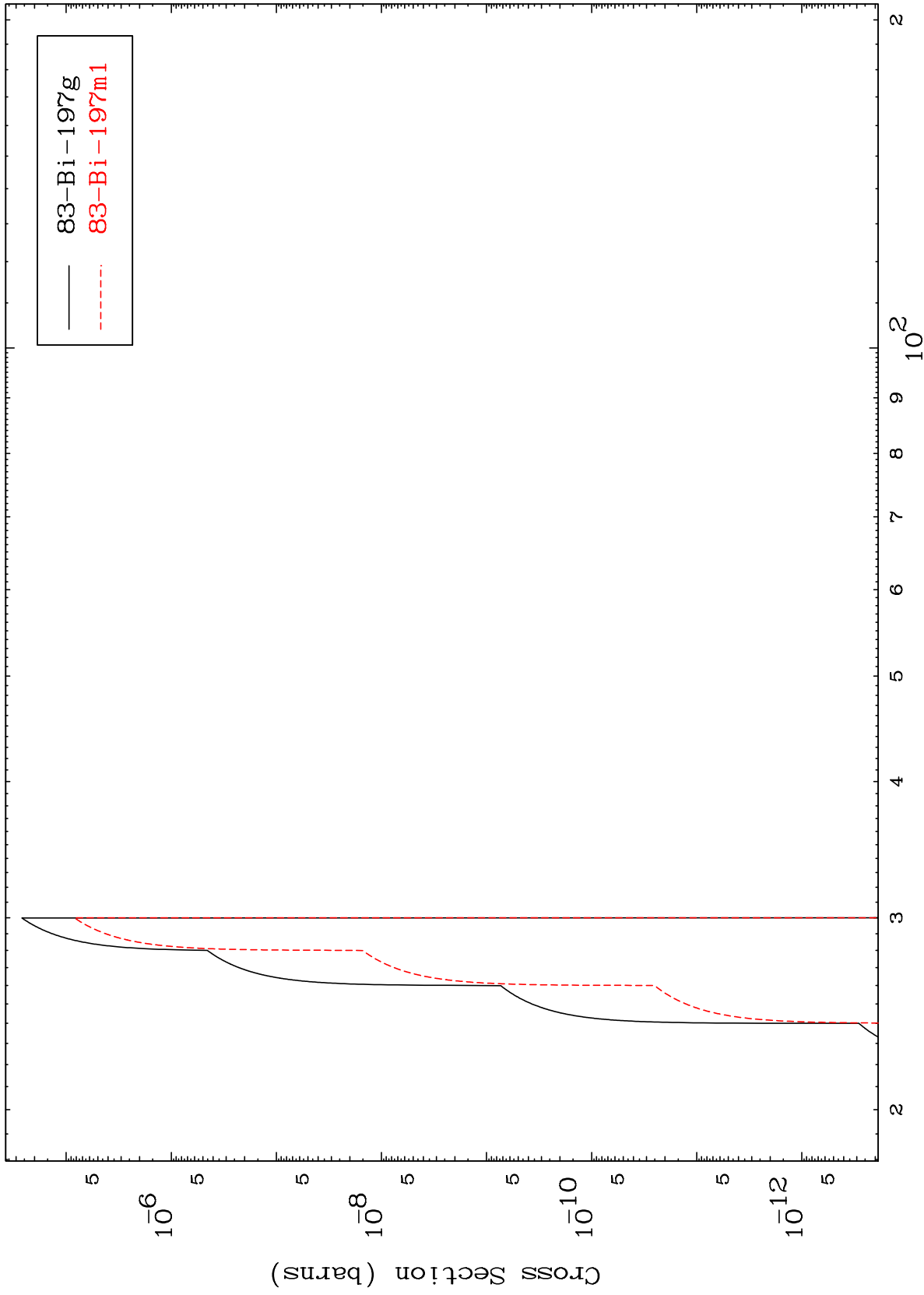
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(α, t)
Radionuclide Production Cross Section



17

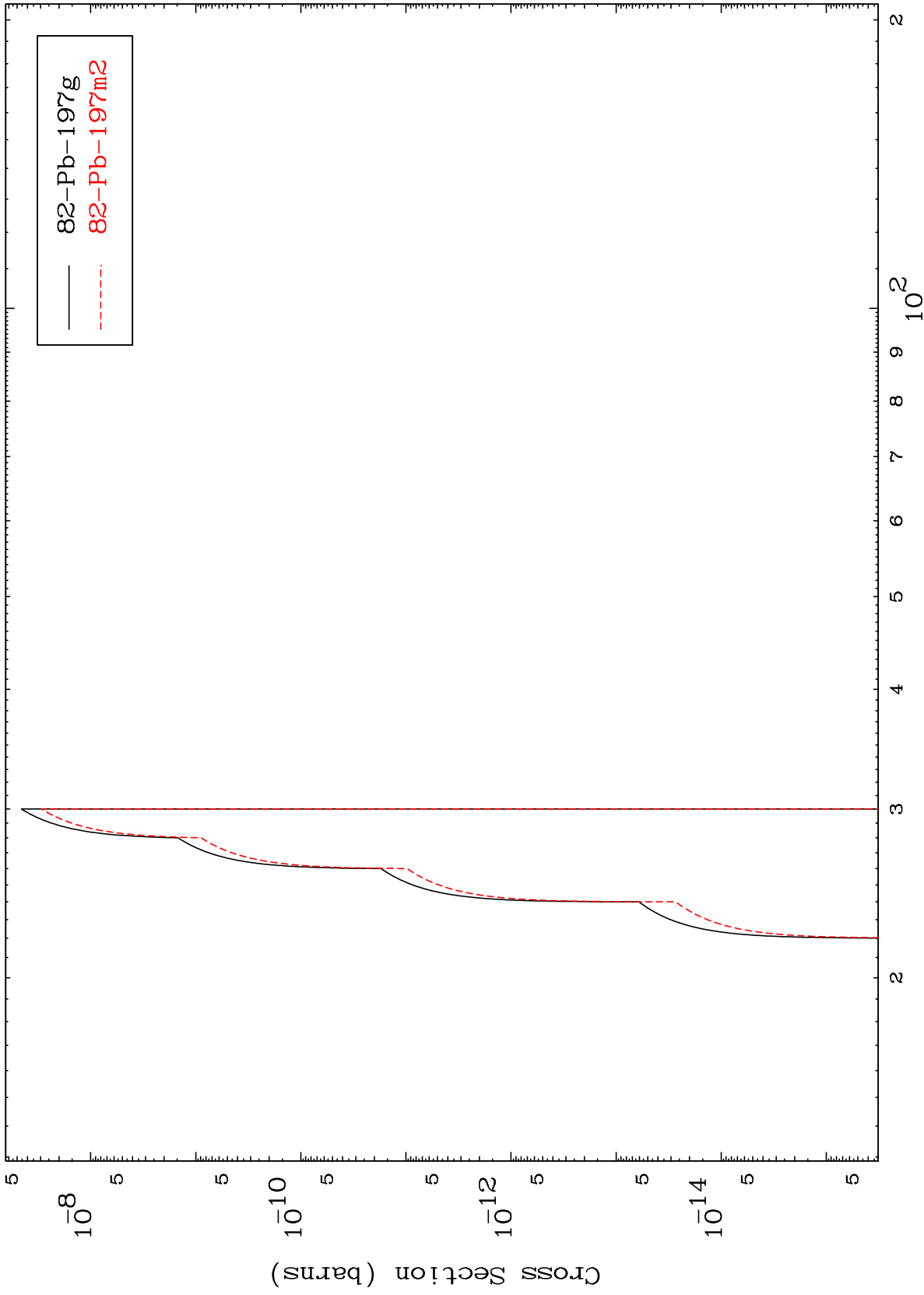
82-Pb-196

MAT 8201

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

82-Pb-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

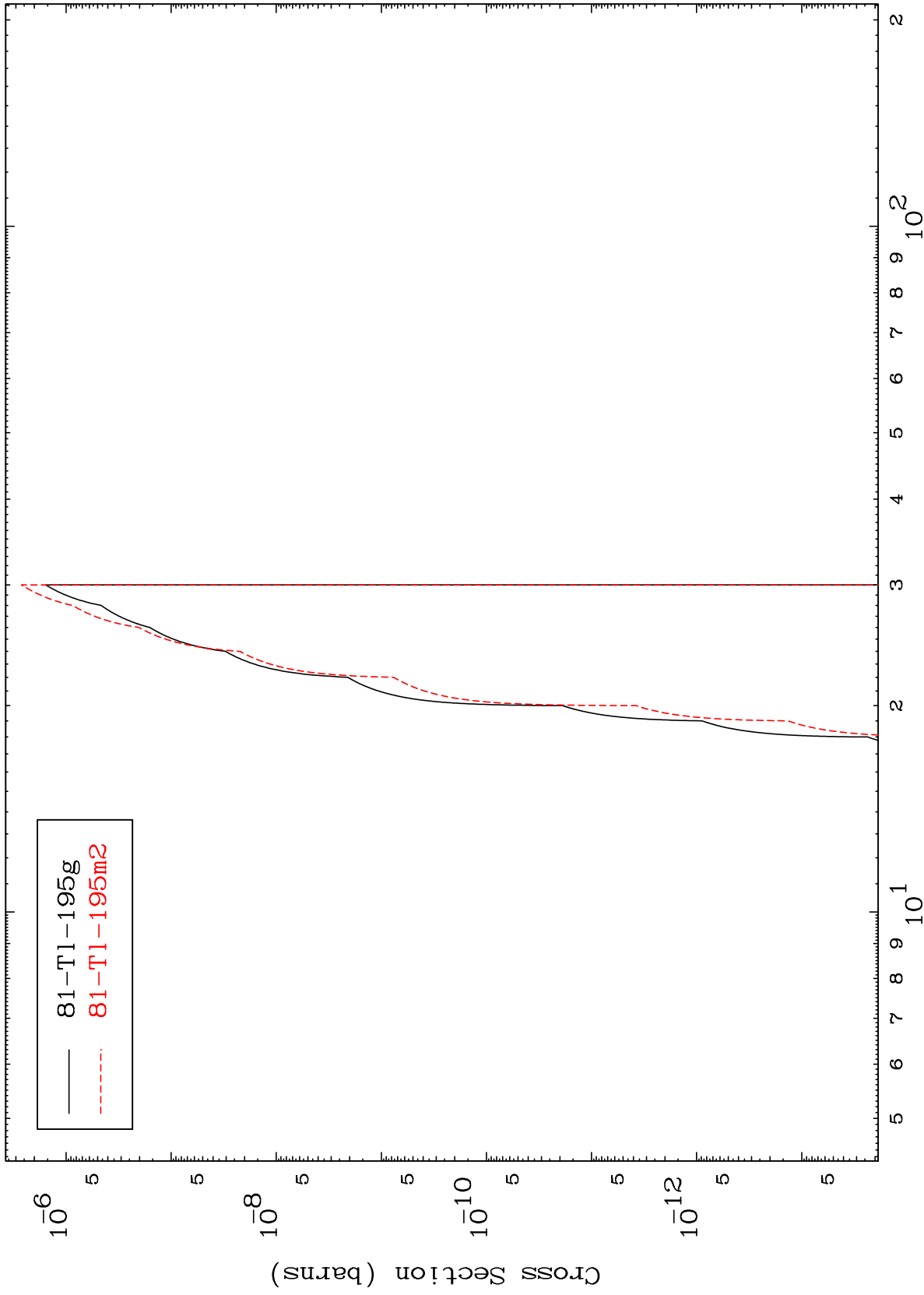
82-Pb-196

MAT 8201

(α, p) α

82-Pb-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

82-Pb-196