

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

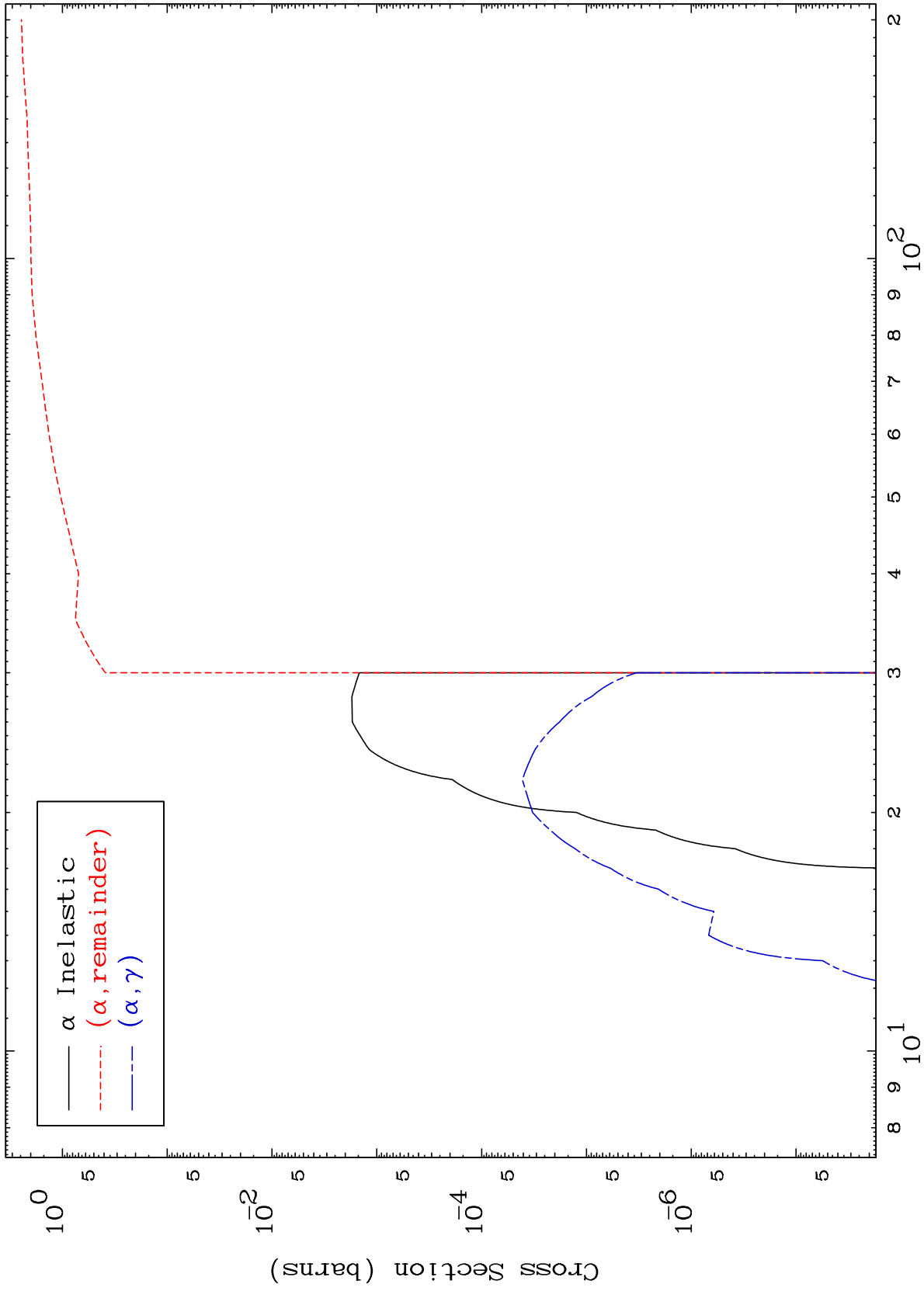
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8169

0 Kelvin α Major
Cross Sections

82-Pb-185



1

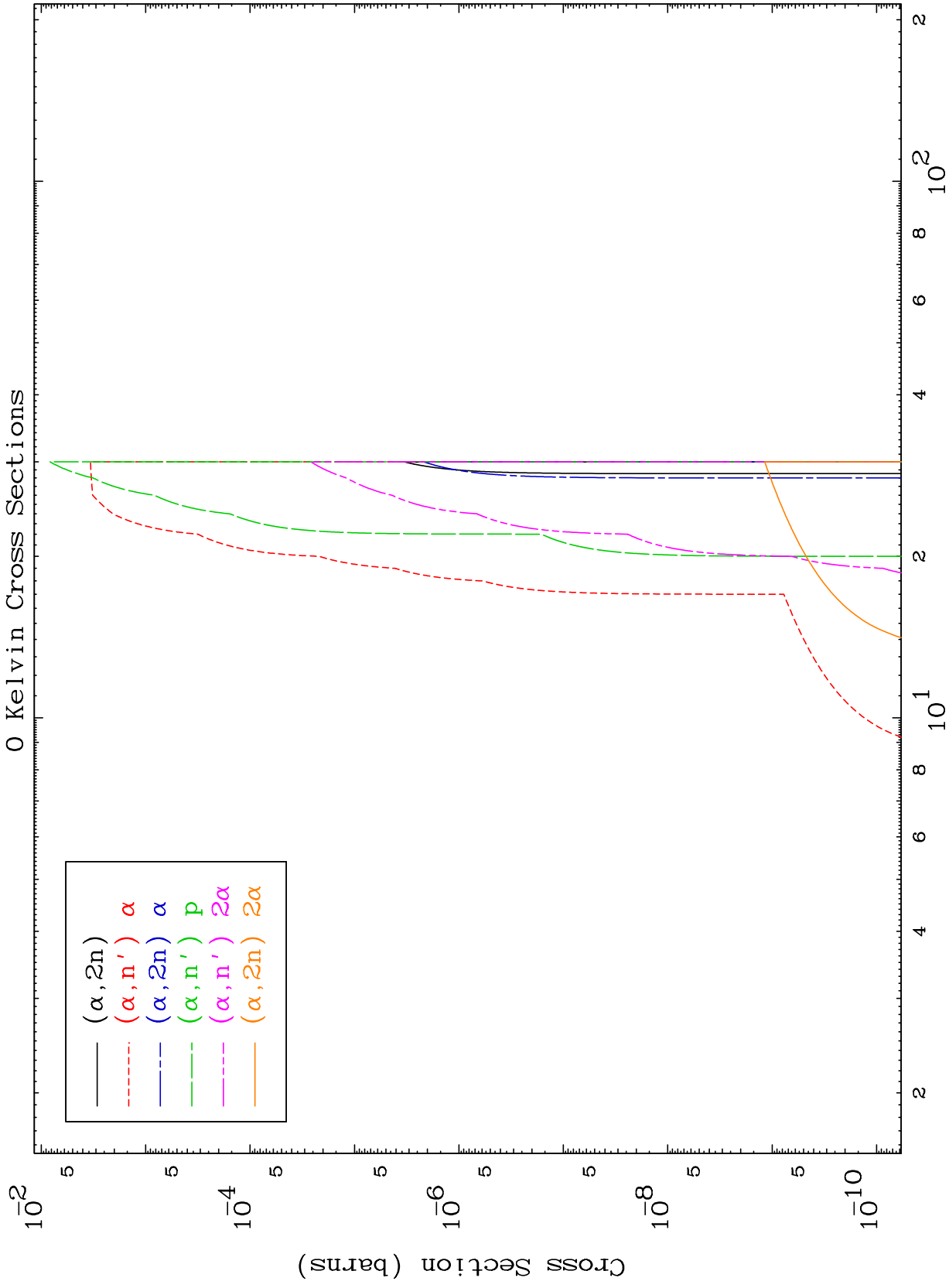
Incident Energy (MeV)

82-Pb-185

MAT 8169

α Neutron Production
0 Kelvin Cross Sections

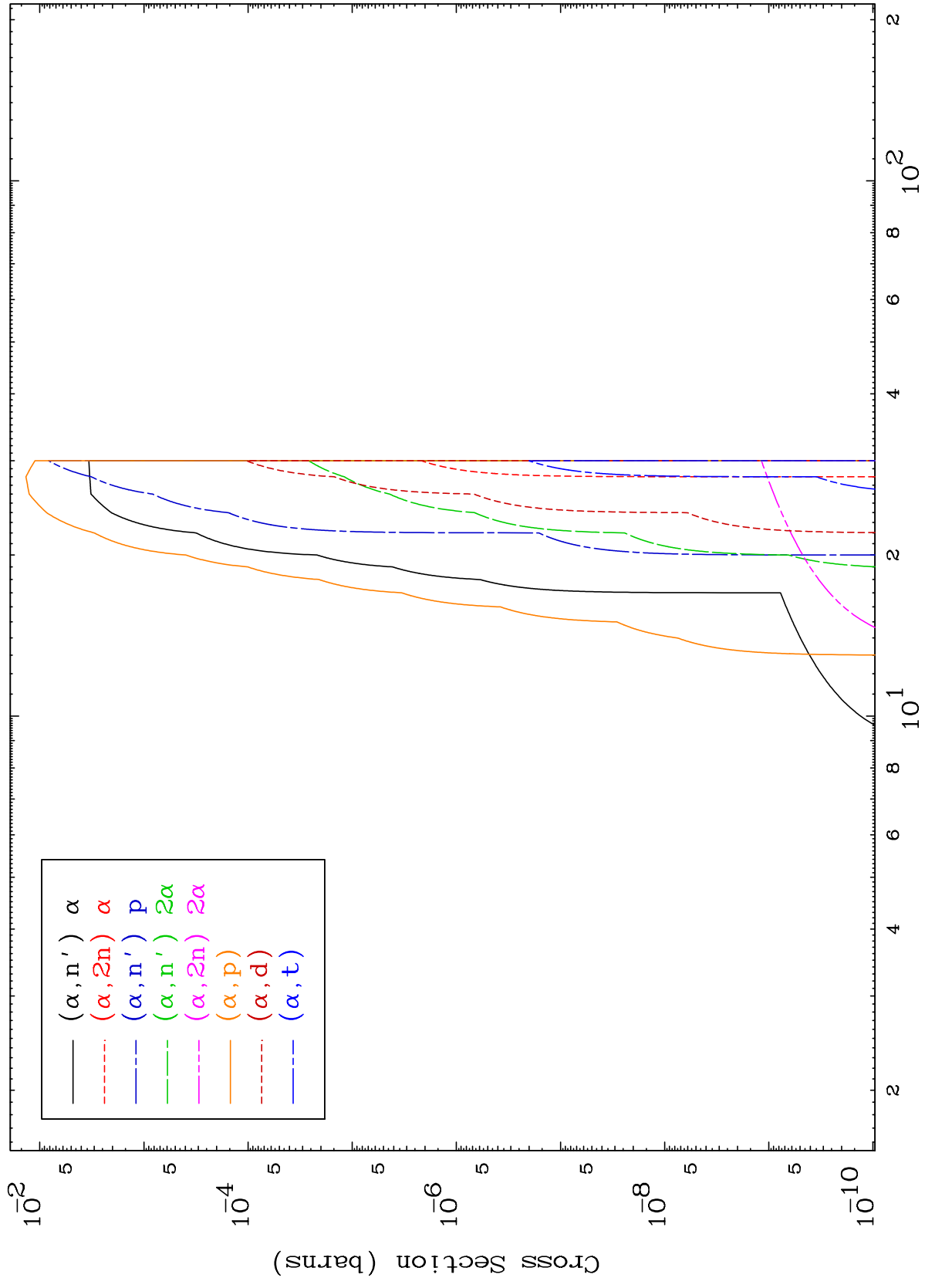
82-Pb-185



2

Incident Energy (MeV)

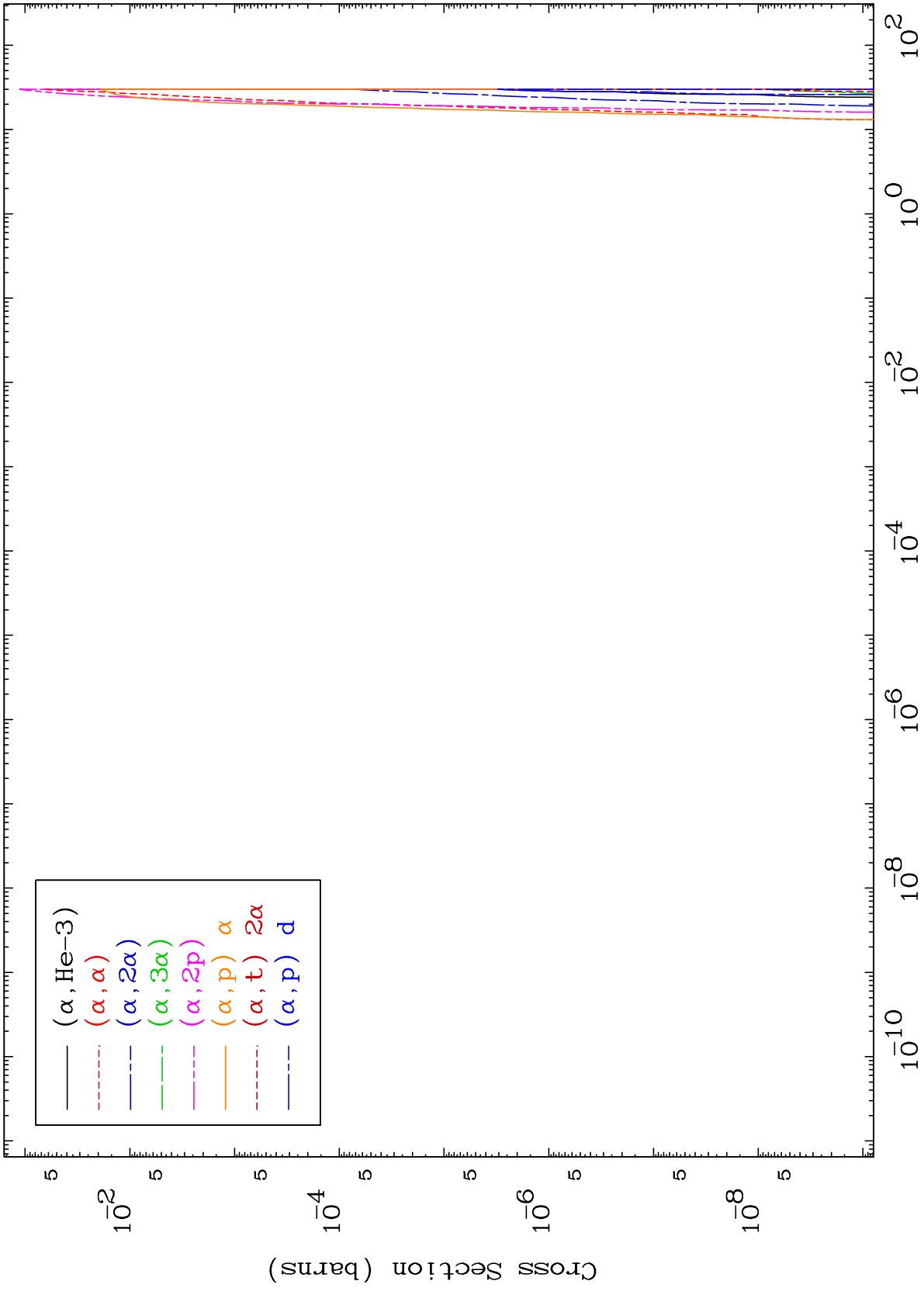
82-Pb-185



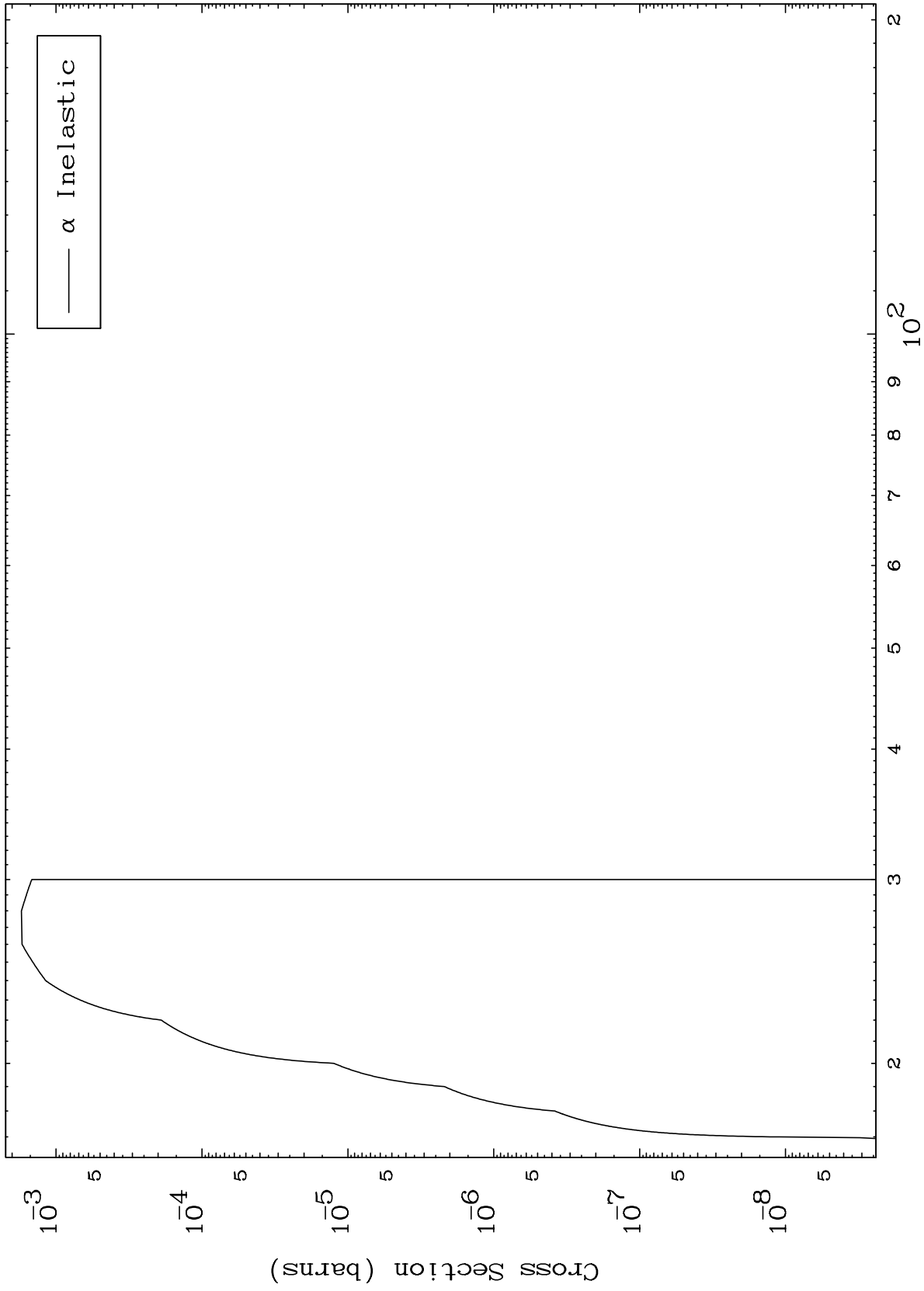
MAT 8169

α Charged Particle
0 Kelvin Cross Sections

82-Pb-185



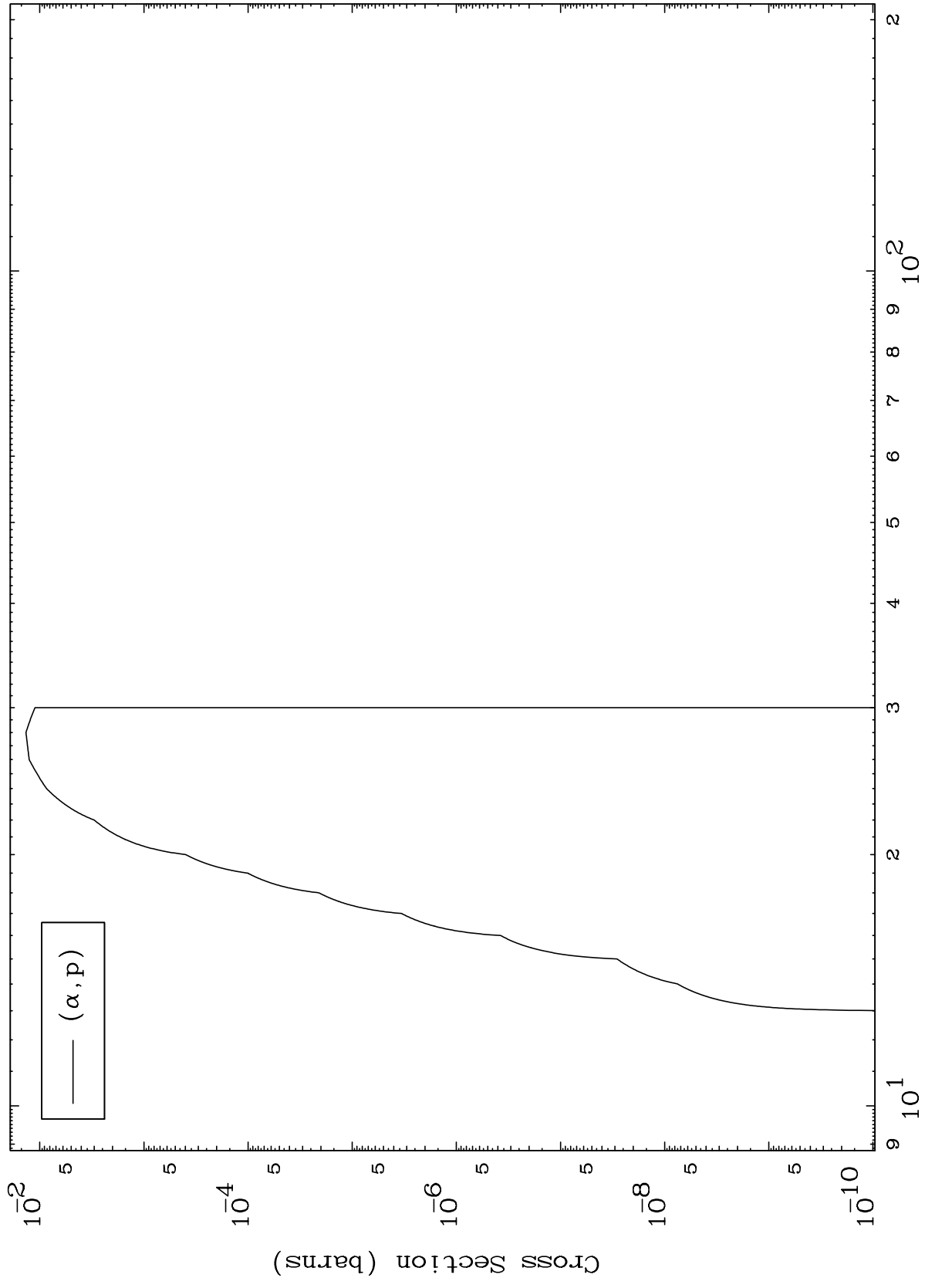
82-Pb-185



MAT 8169

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-185



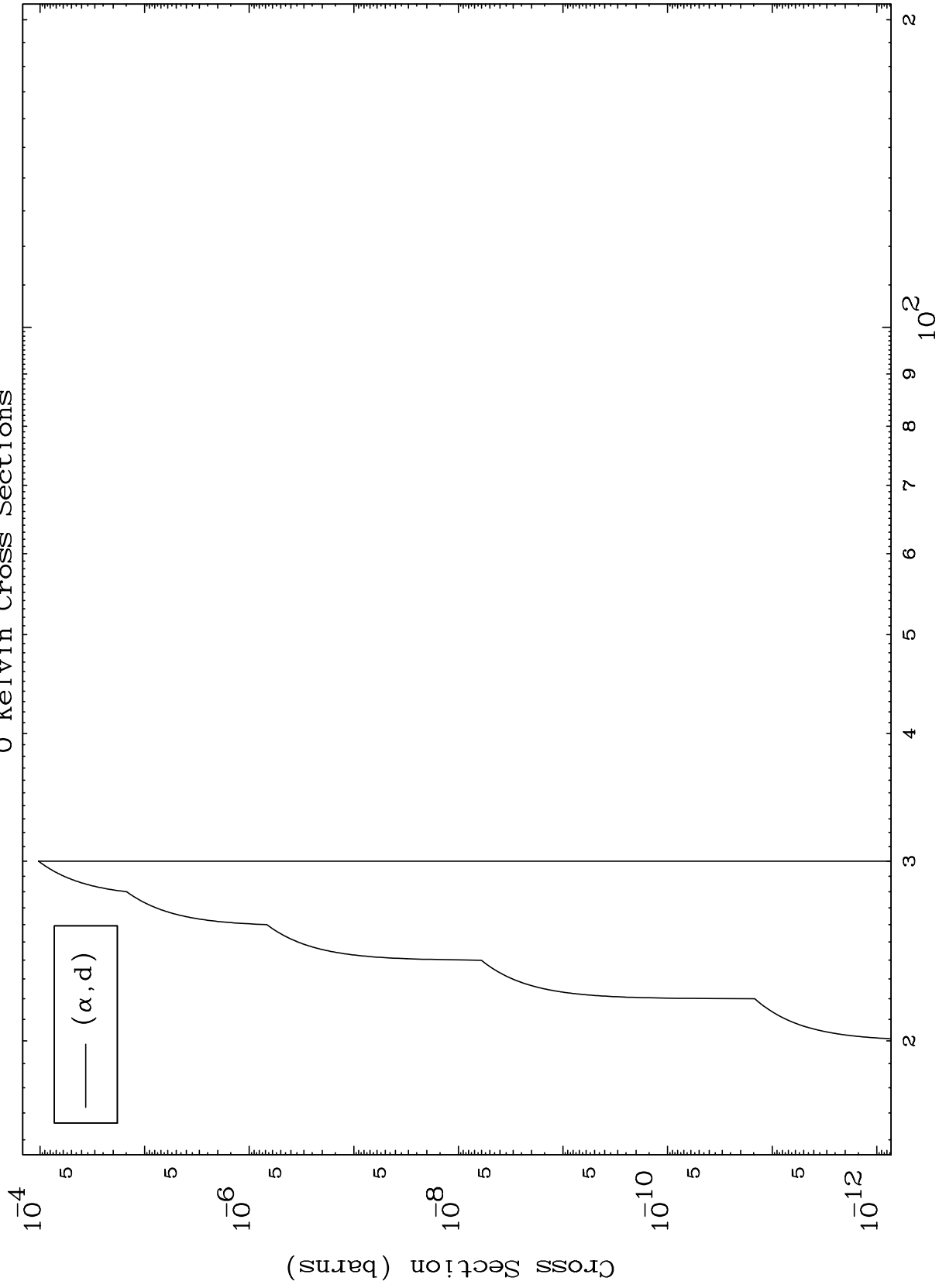
Incident Energy (MeV)

82-Pb-185

MAT 8169

(α, d) Levels
0 Kelvin Cross Sections

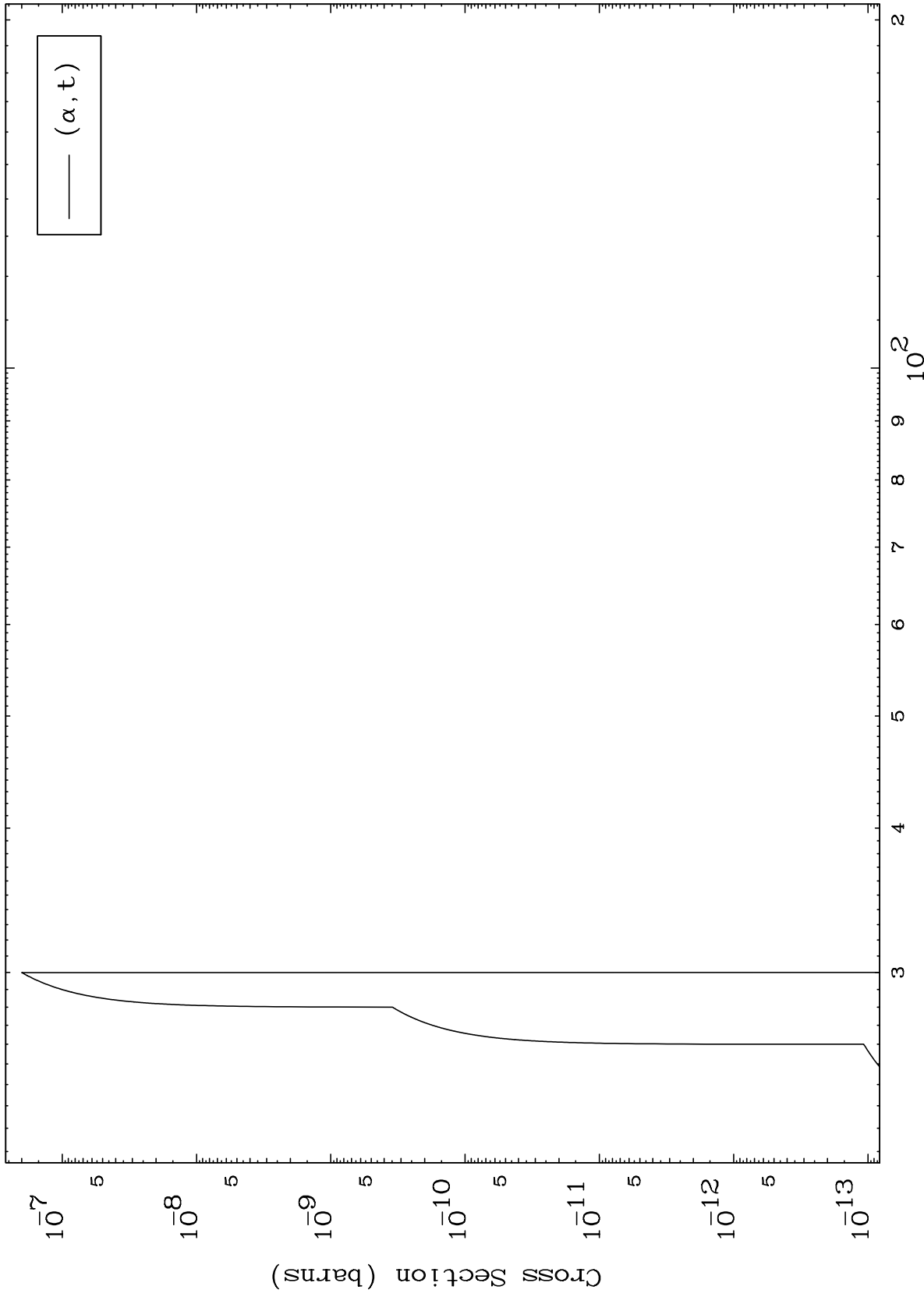
82-Pb-185



7

Incident Energy (MeV)

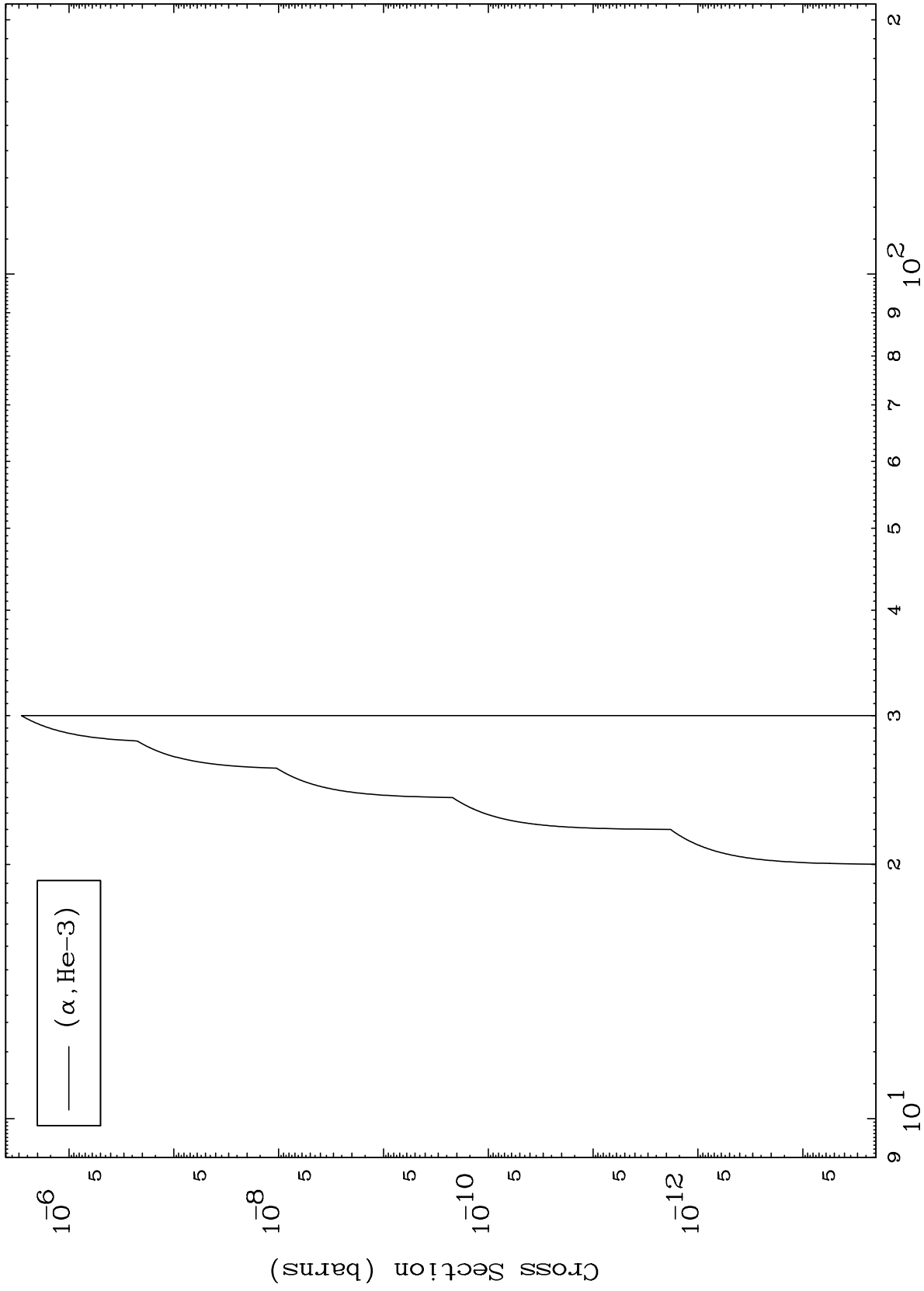
82-Pb-185



MAT 8169

(α ,He3) Levels
0 Kelvin Cross Sections

82-Pb-185



9

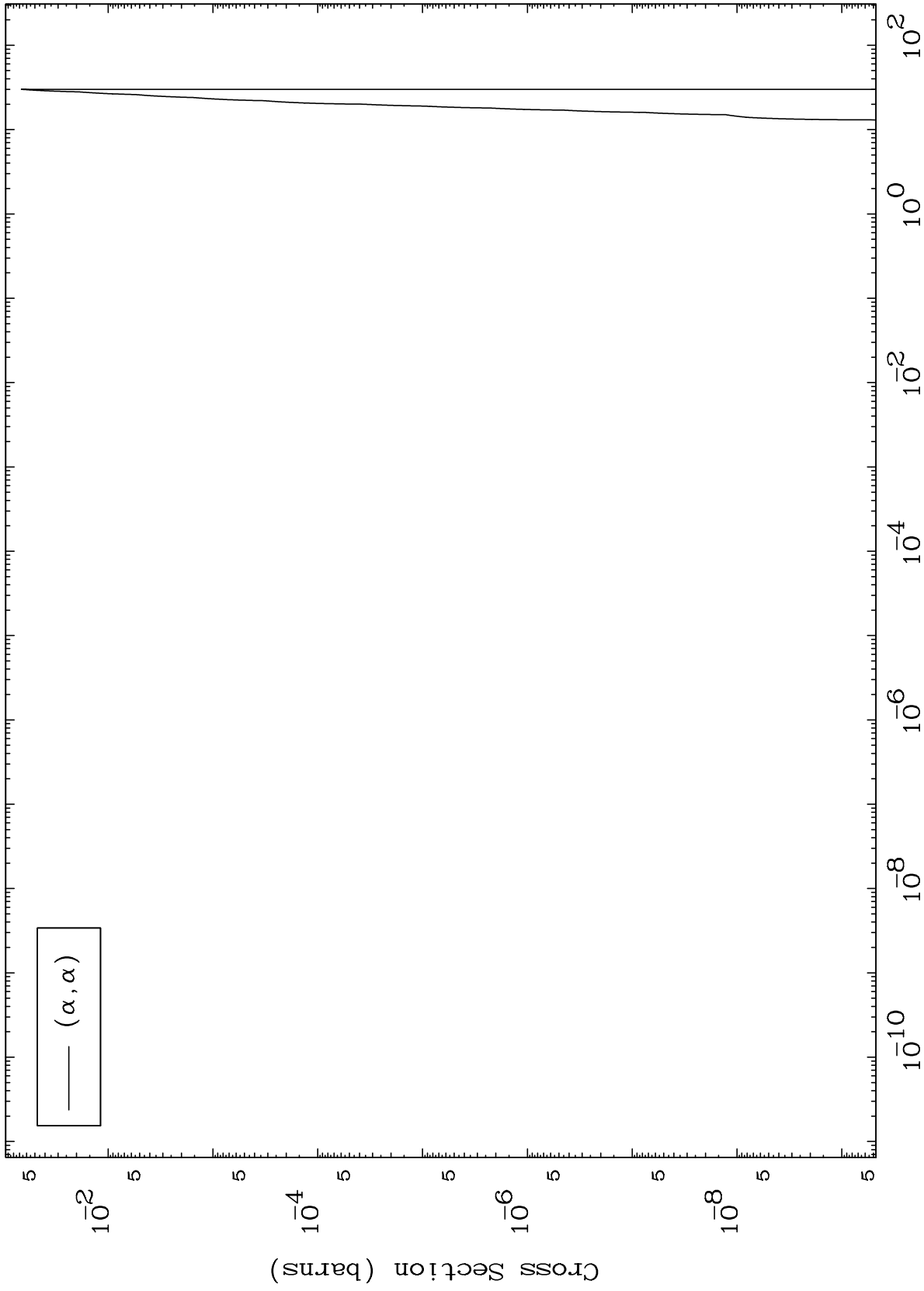
Incident Energy (MeV)

82-Pb-185

MAT 8169

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-185



10

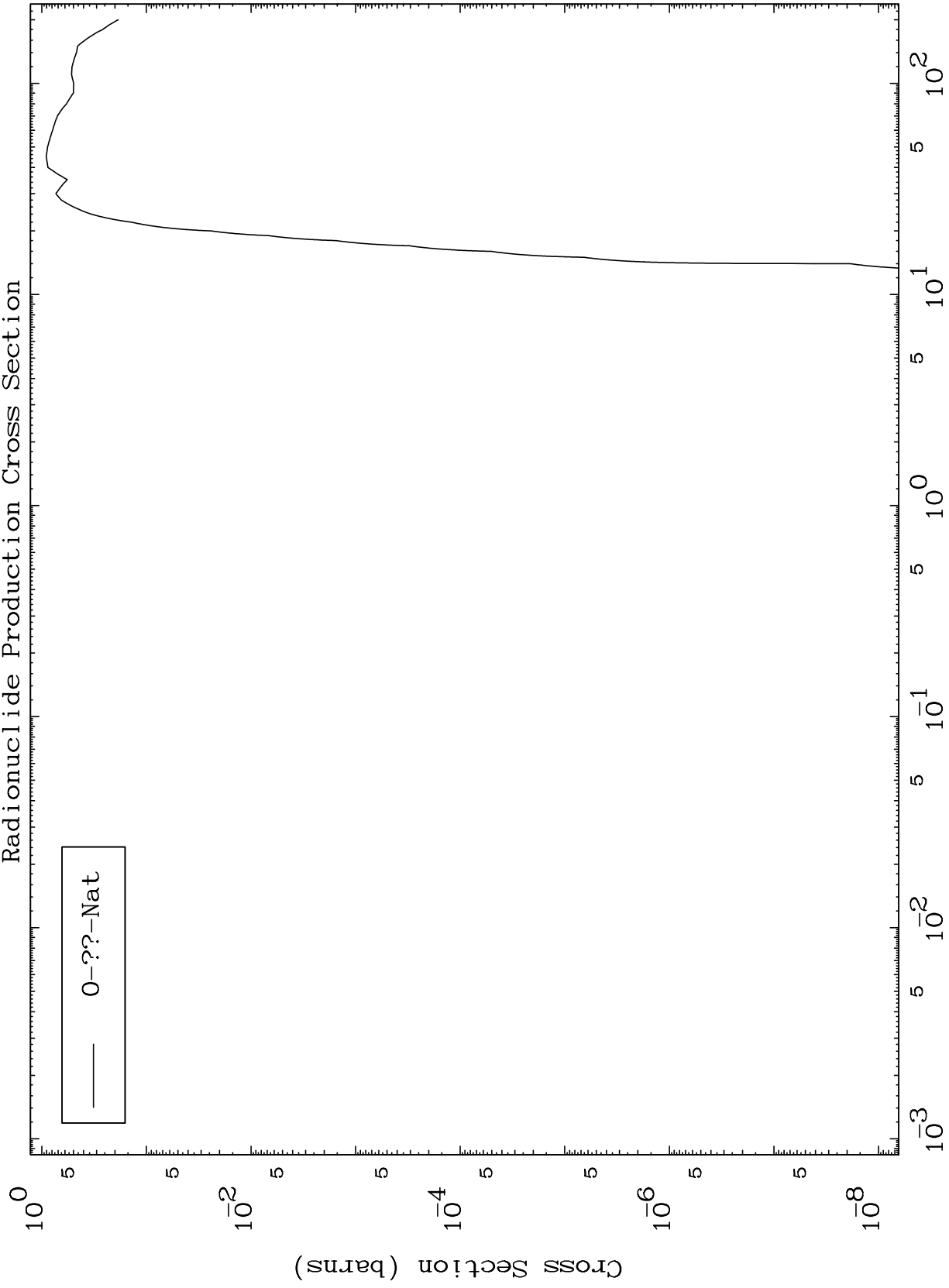
Incident Energy (MeV)

82-Pb-185

MAT 8169

82-Pb-185

α Fission
Radionuclide Production Cross Section



11

Incident Energy (MeV)

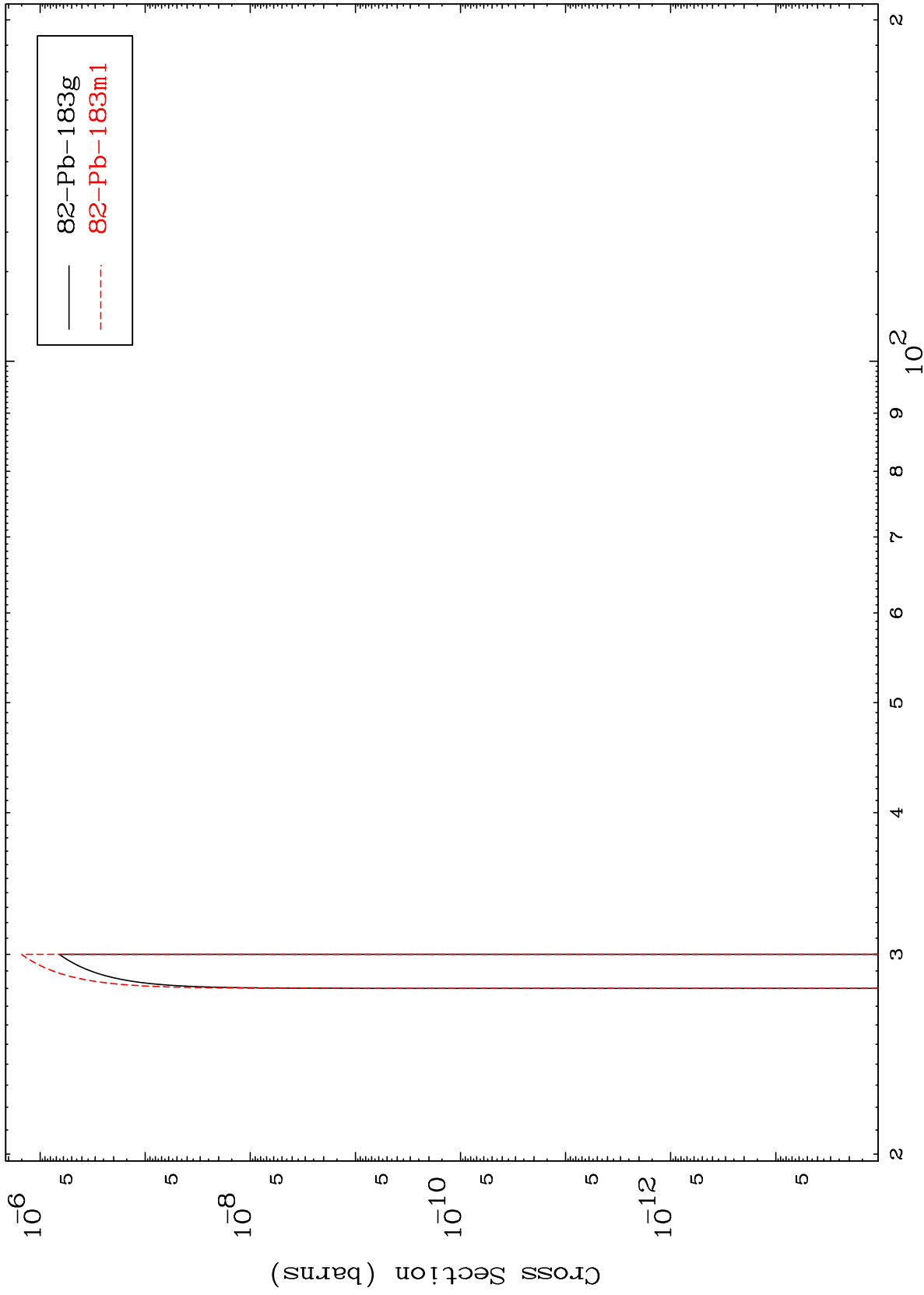
82-Pb-185

MAT 8169

$(\alpha, 2n) \alpha$

82-Pb-185

Radionuclide Production Cross Section



12

Incident Energy (MeV)

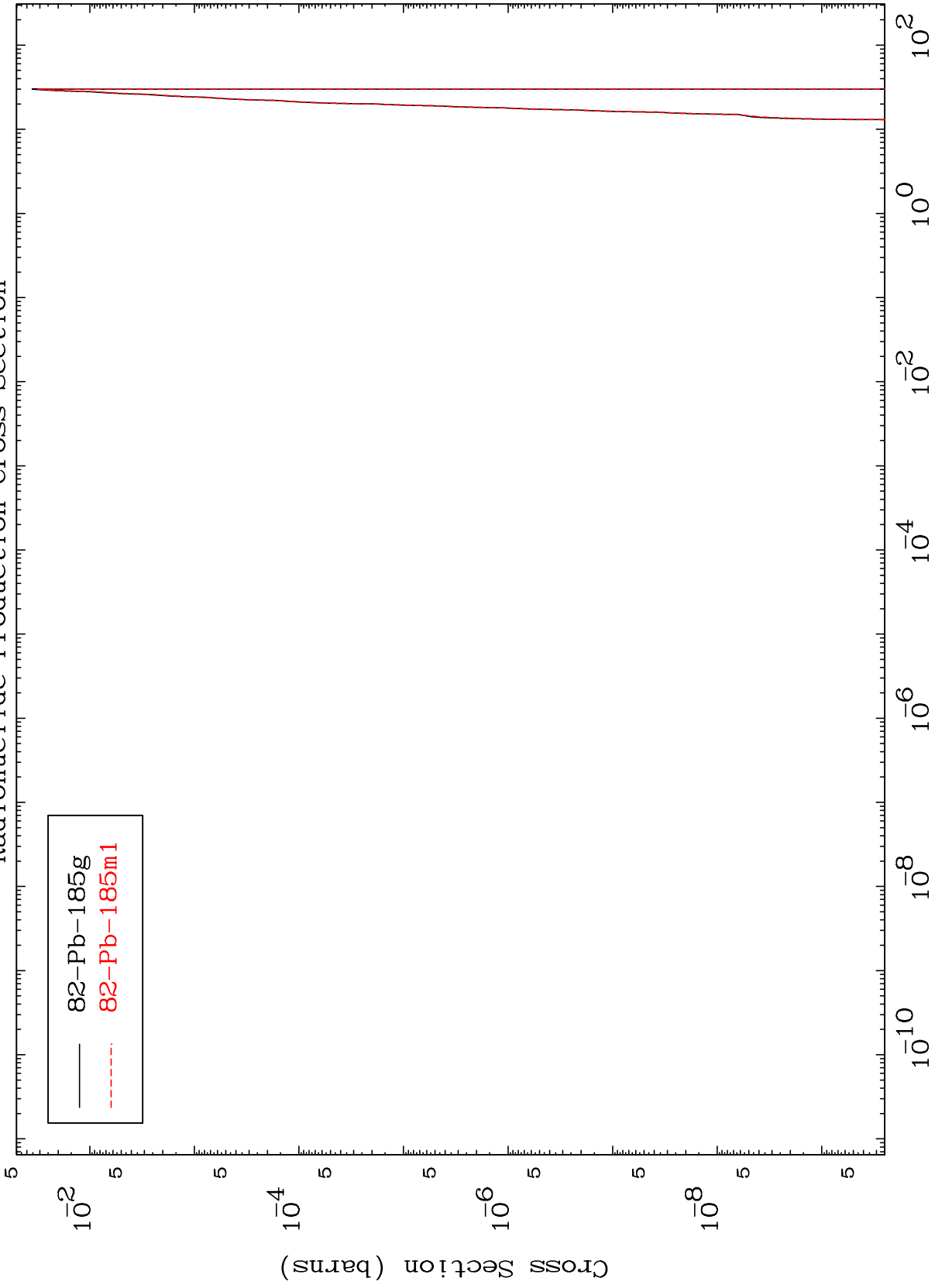
82-Pb-185

MAT 8169

(α, α)

82-Pb-185

Radionuclide Production Cross Section



13

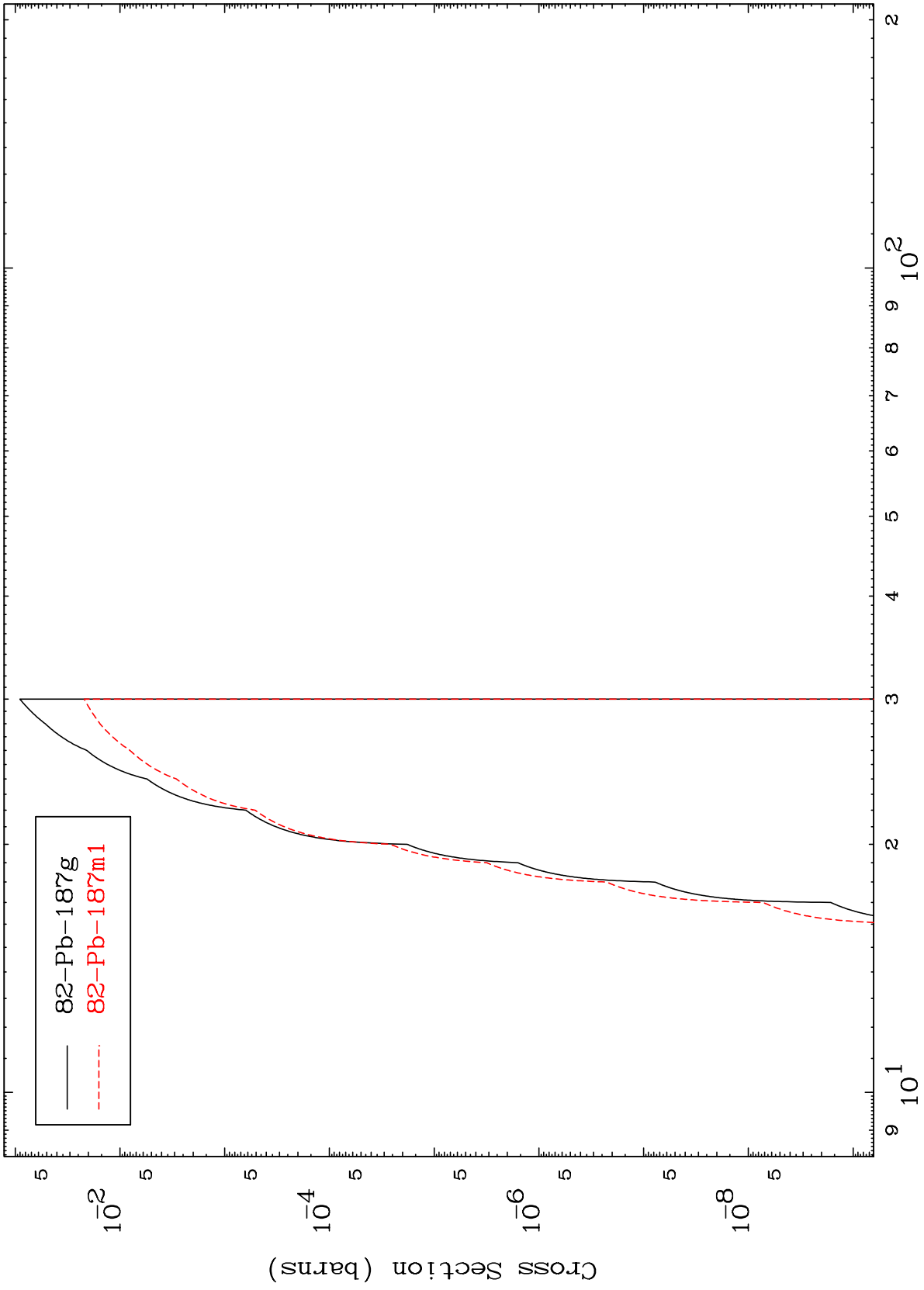
Incident Energy (MeV)

82-Pb-185

MAT 8169

82-Pb-185

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



14

Incident Energy (MeV)

82-Pb-185