

Program EVALPLOT
(Version 2018-1)

by

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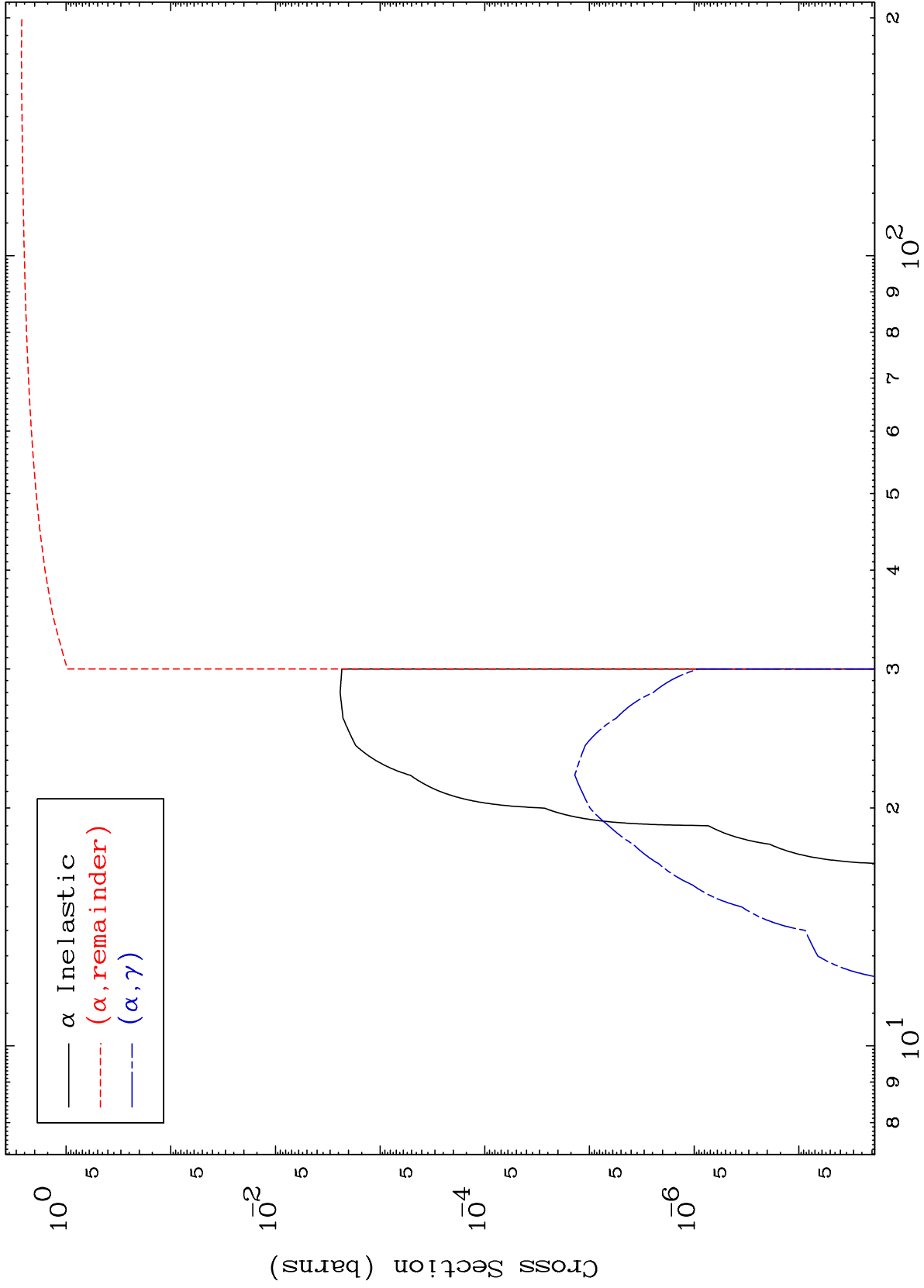
Press Mouse Button to Start

MAT 8175

0 Kelvin

α Major Cross Sections

82-Pb-187



1

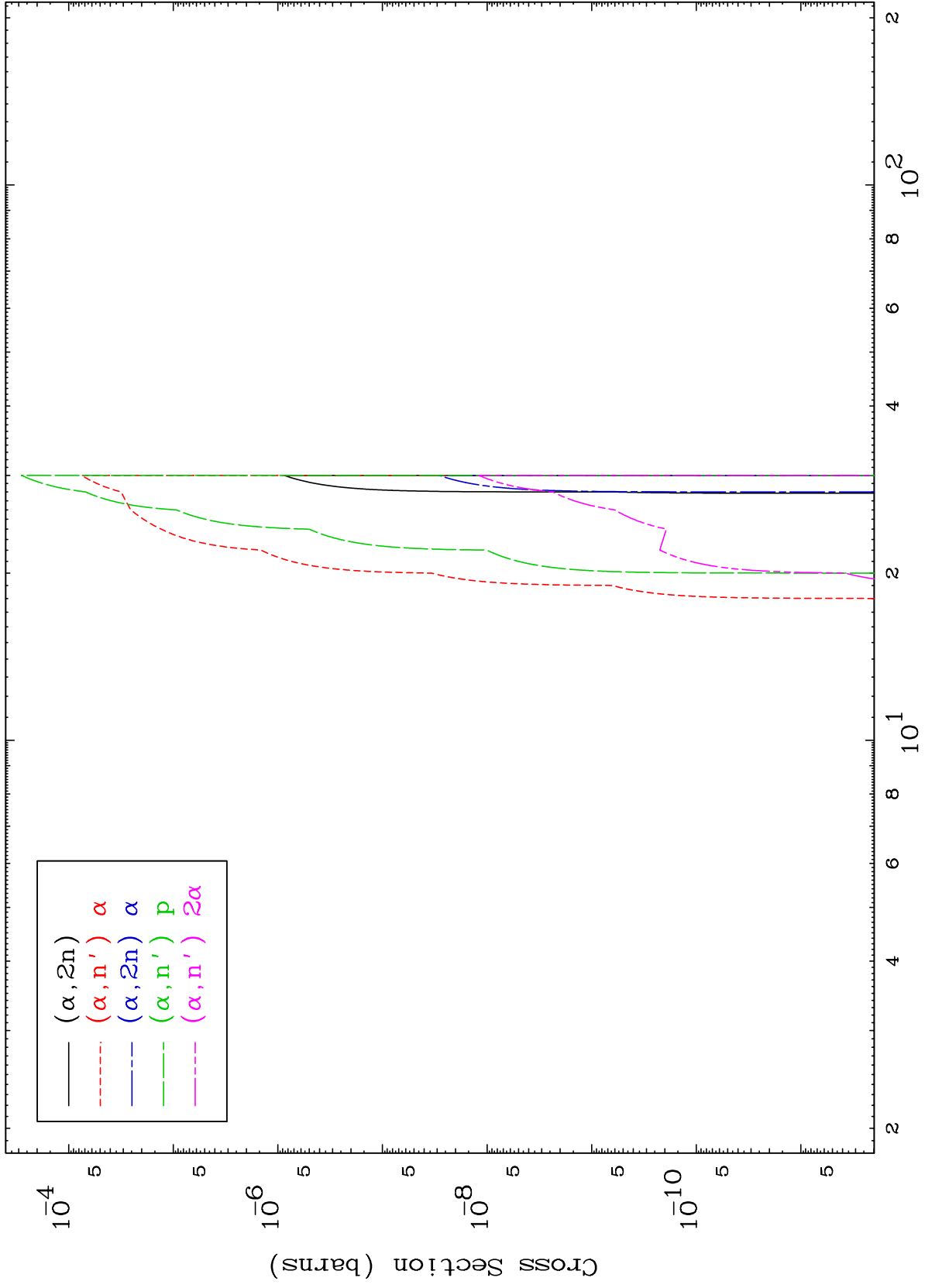
Incident Energy (MeV)

82-Pb-187

MAT 8175

α Neutron Production
0 Kelvin Cross Sections

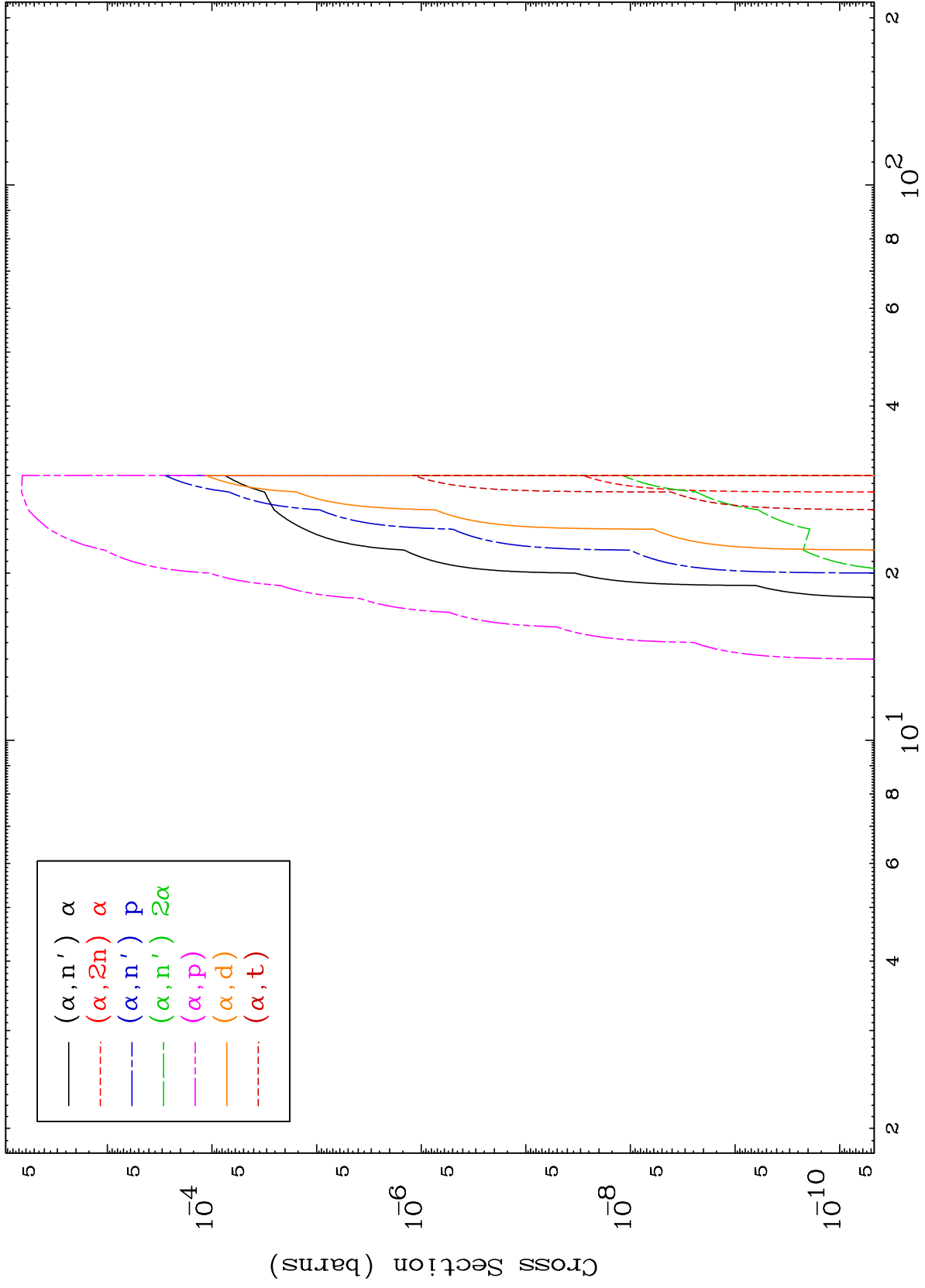
82-Pb-187



2

Incident Energy (MeV)

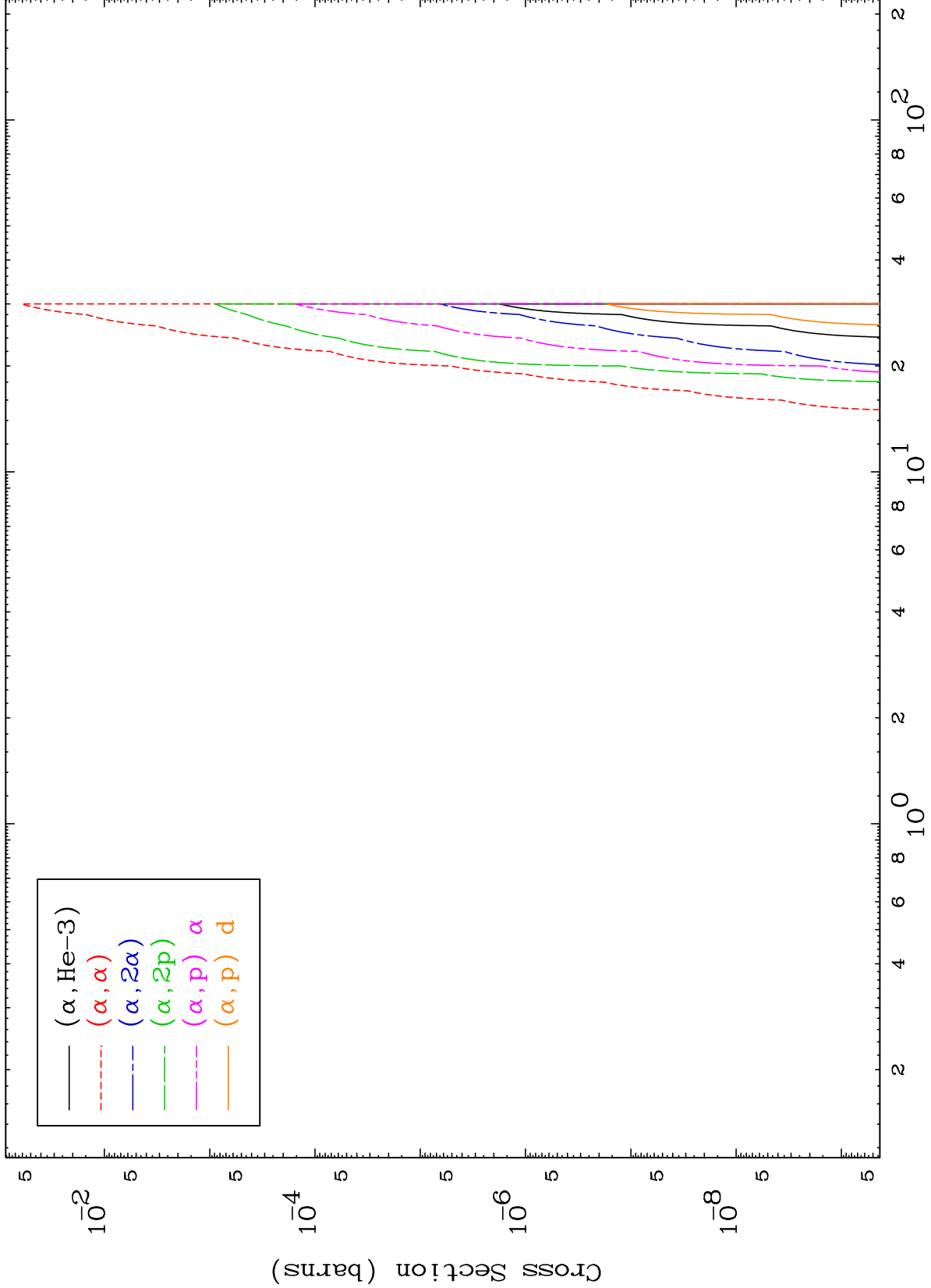
82-Pb-187



MAT 8175

α Charged Particle
0 Kelvin Cross Sections

82-Pb-187

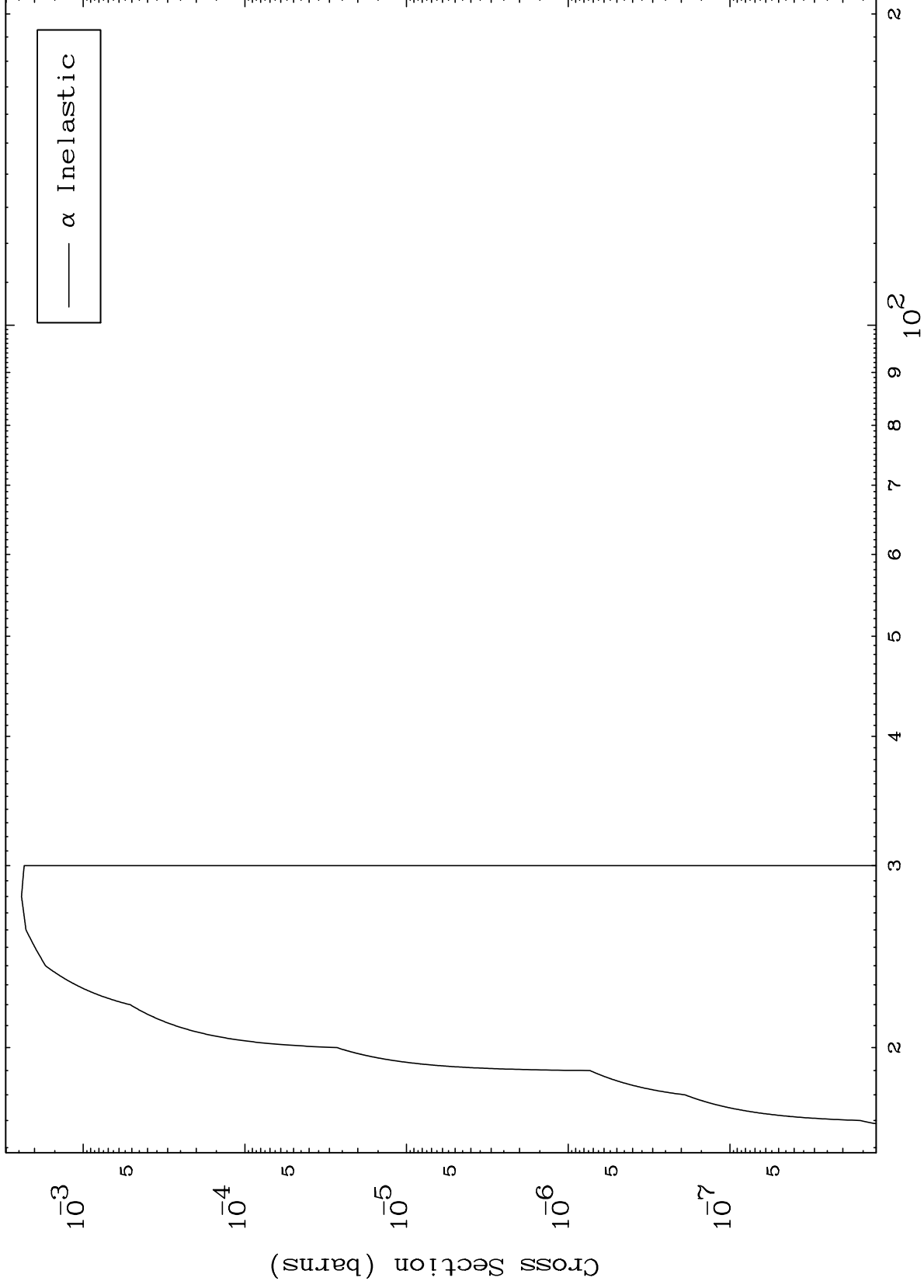


82-Pb-187

MAT 8175

(α, n') Level
0 Kelvin Cross Sections

82-Pb-187



5

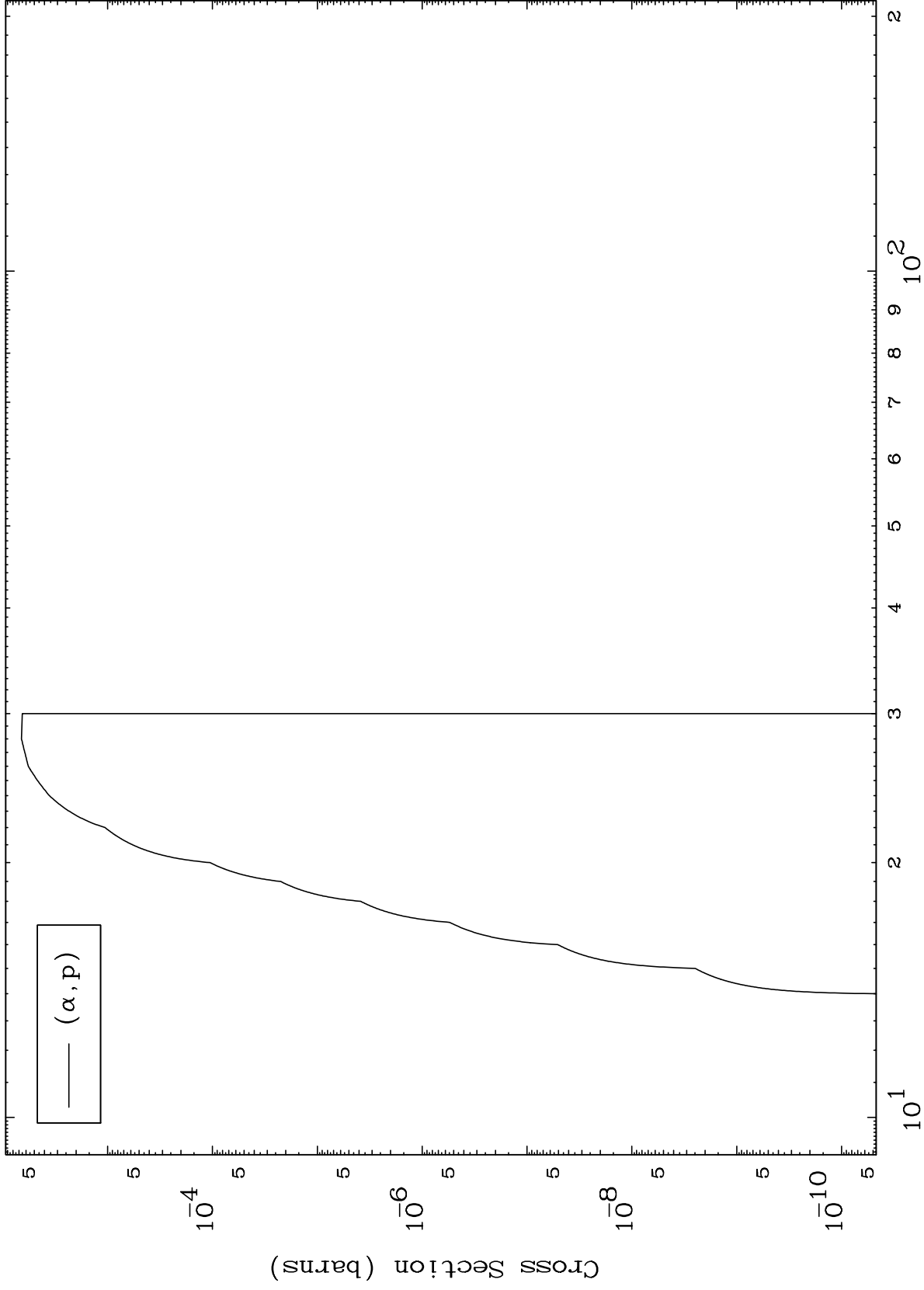
Incident Energy (MeV)

82-Pb-187

MAT 8175

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-187



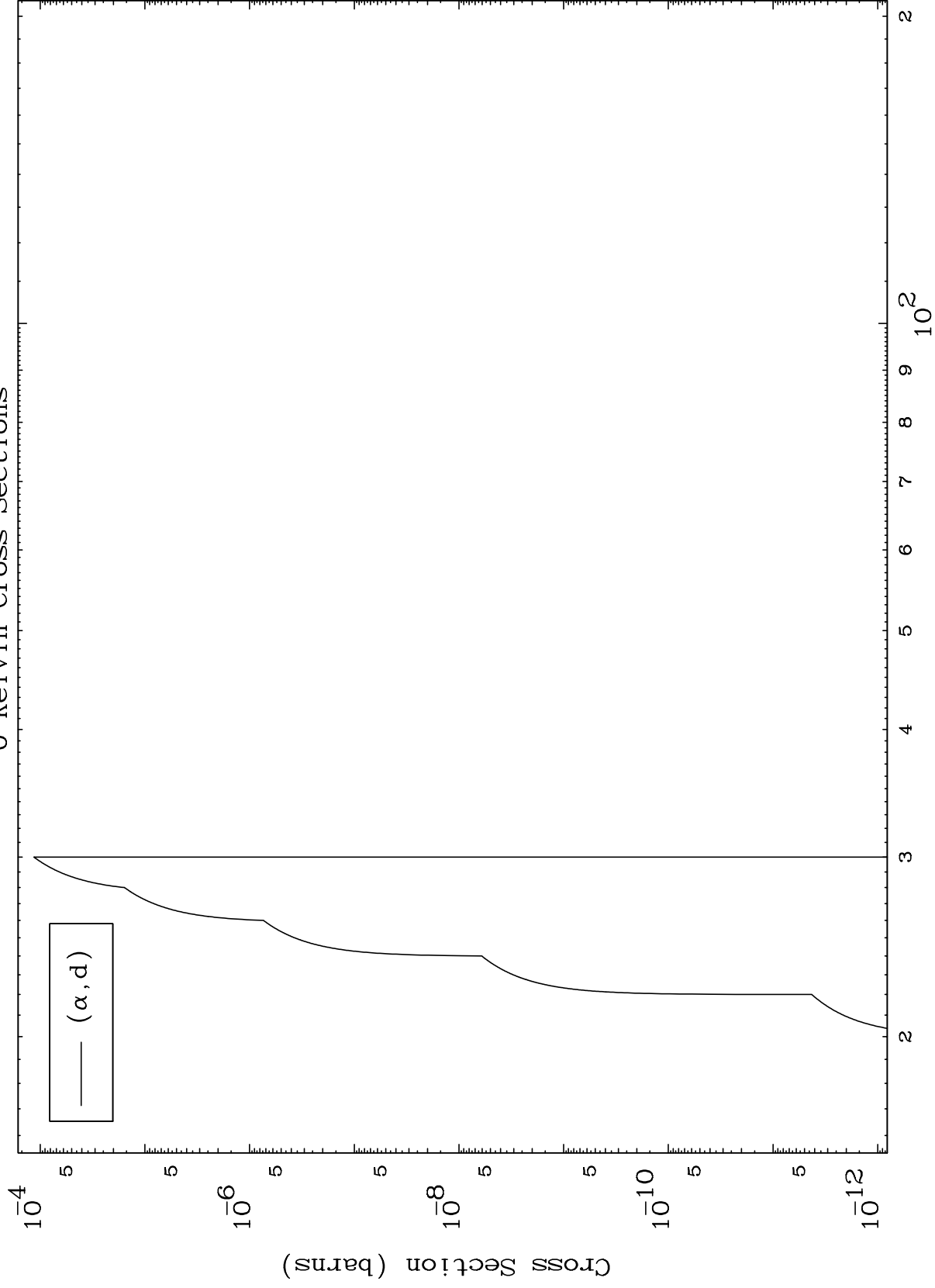
Incident Energy (MeV)

82-Pb-187

MAT 8175

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-187



Incident Energy (MeV)

82-Pb-187

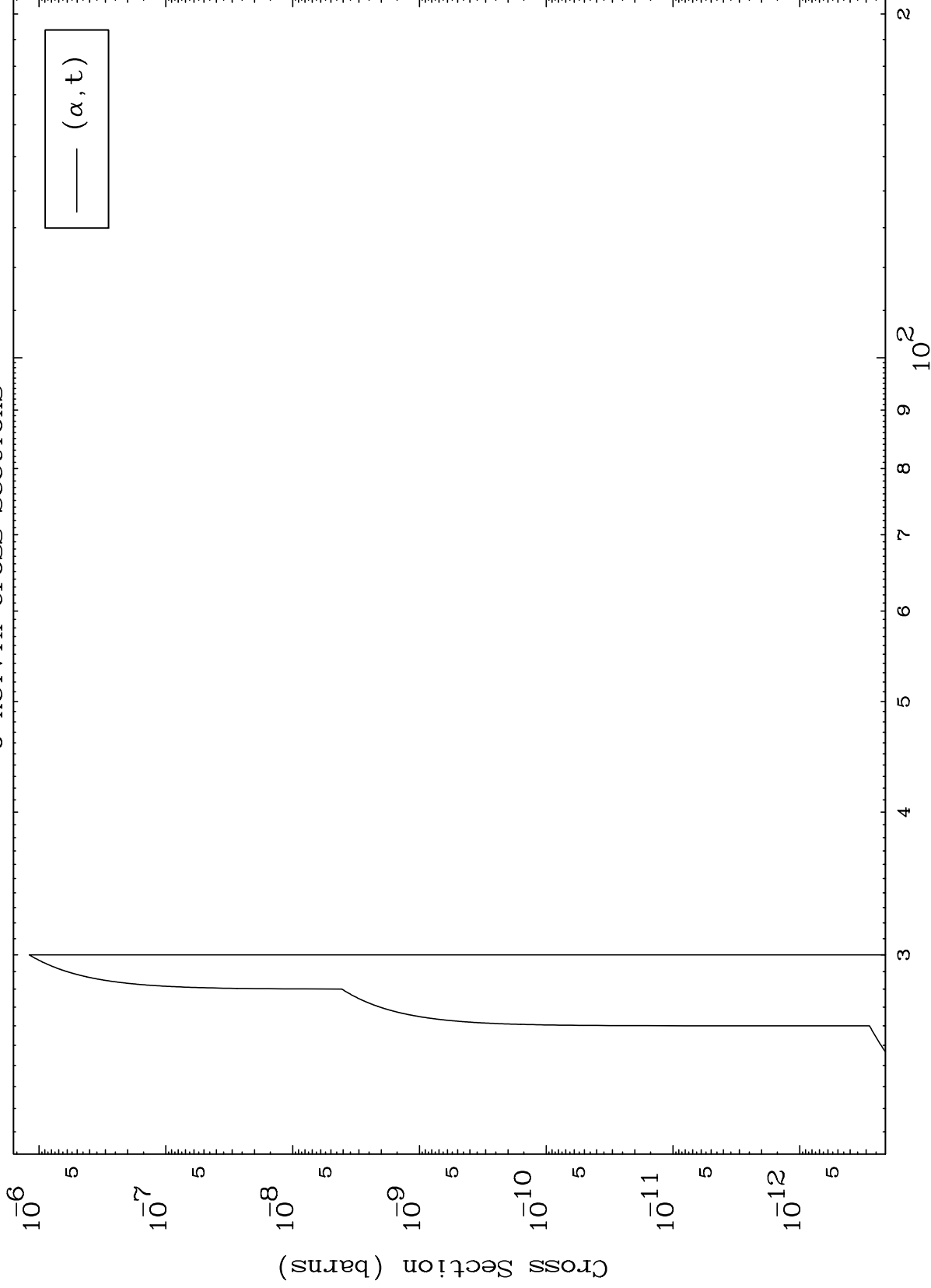
7

MAT 8175

(α, t) Levels

82-Pb-187

0 Kelvin Cross Sections



8

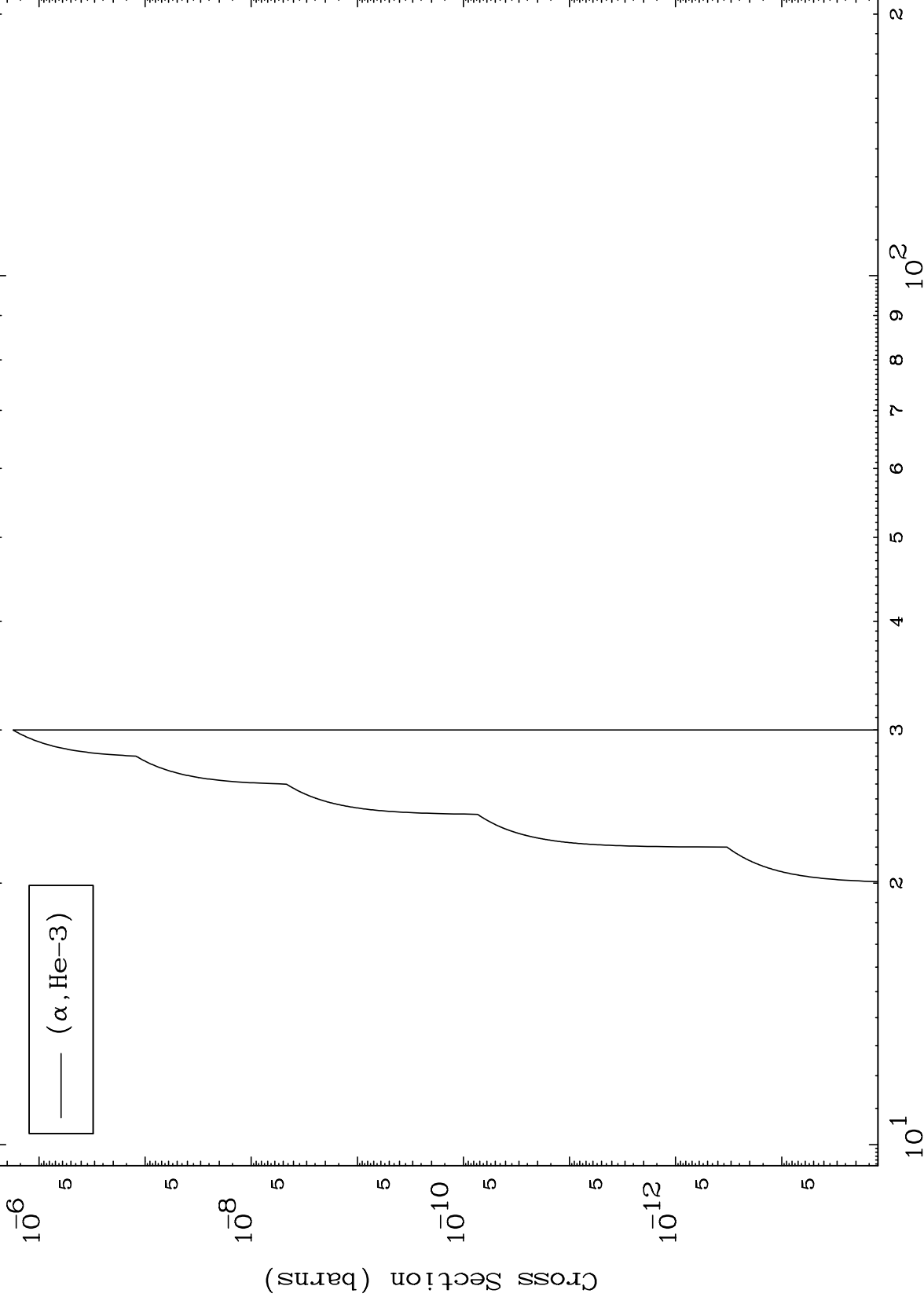
Incident Energy (MeV)

82-Pb-187

MAT 8175

(α , He3) Levels
0 Kelvin Cross Sections

82-Pb-187



Incident Energy (MeV)

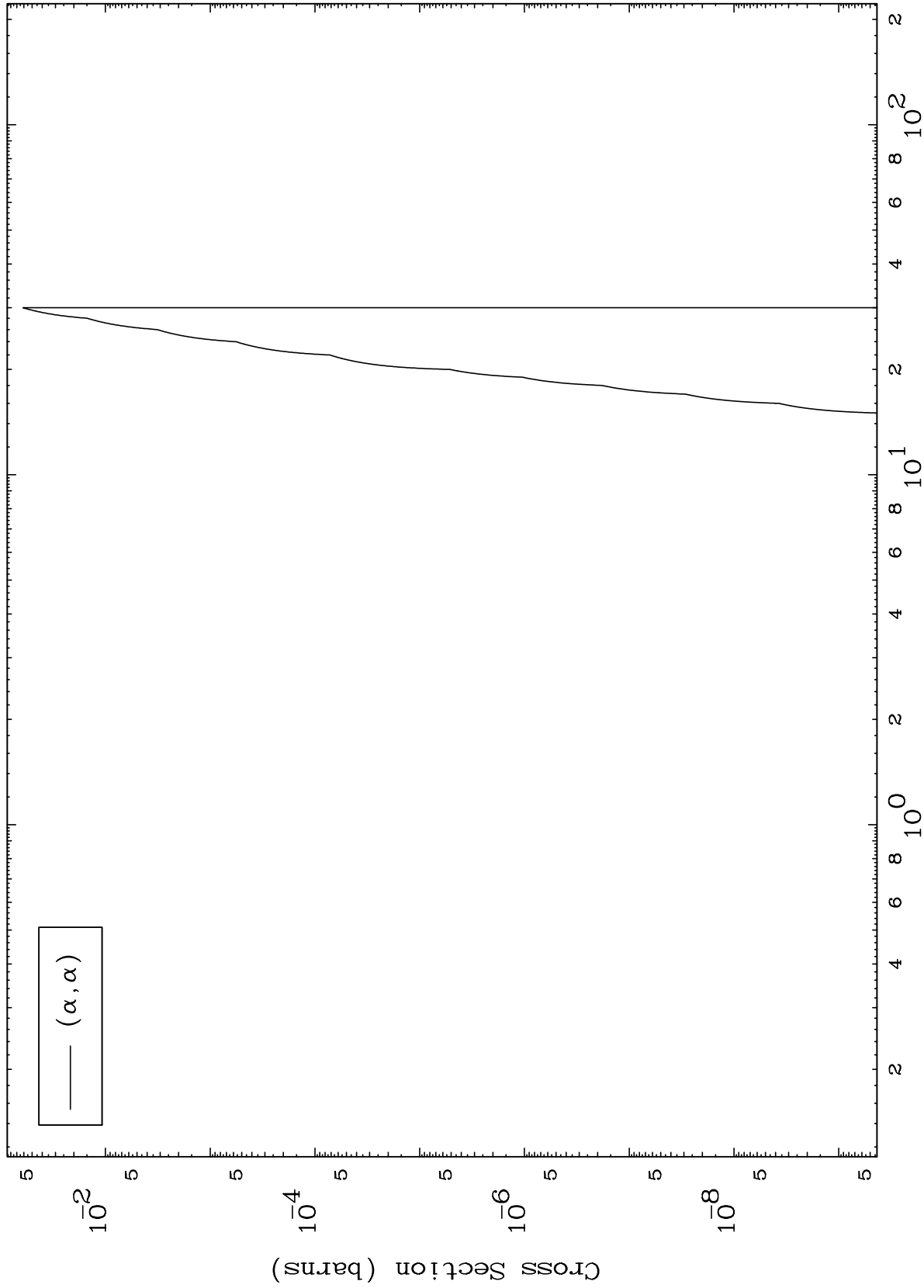
82-Pb-187

MAT 8175

(α, α) Levels

82-Pb-187

0 Kelvin Cross Sections



10

Incident Energy (MeV)

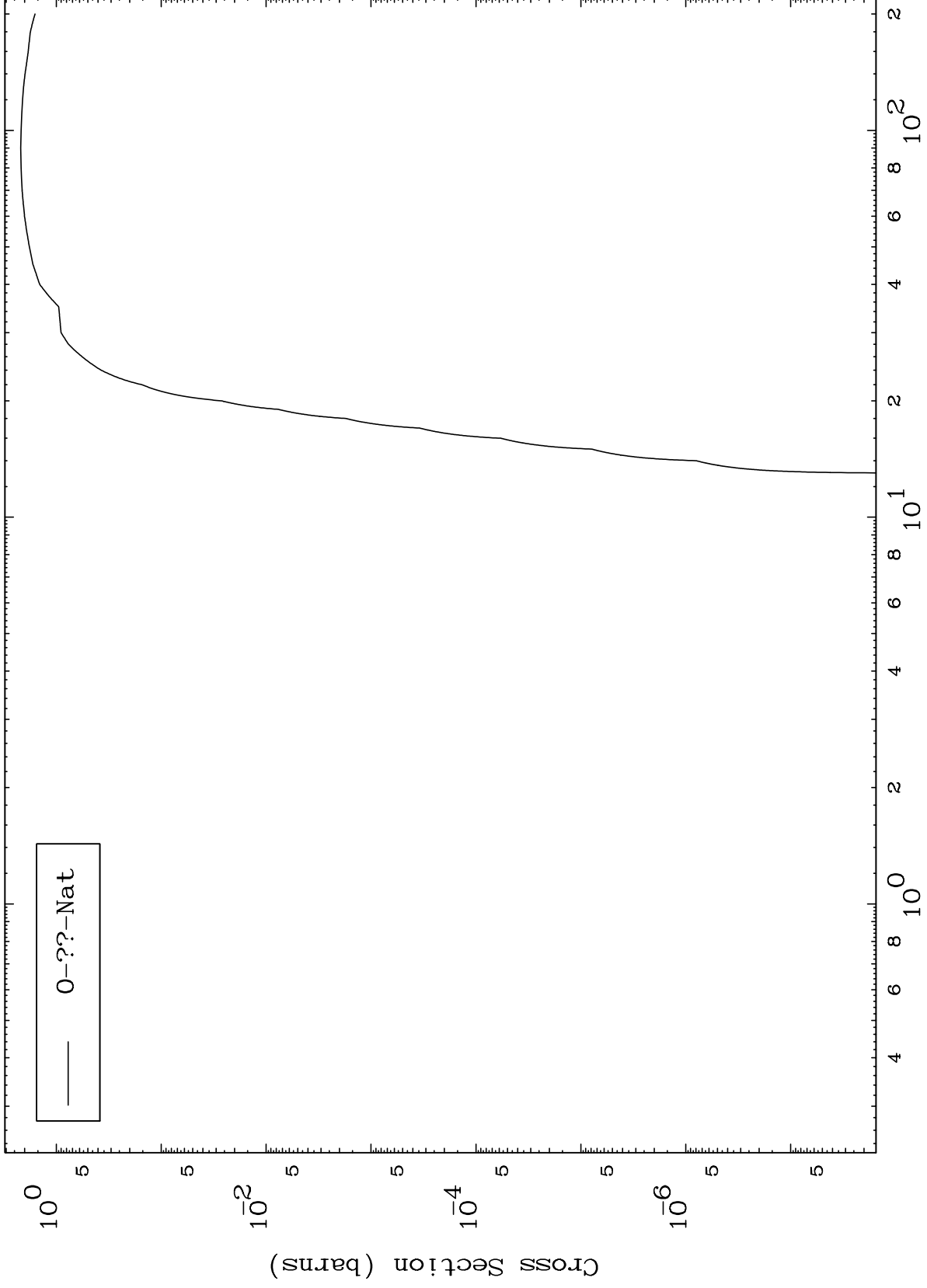
82-Pb-187

MAT 8175

82-Pb-187

α Fission

Radionuclide Production Cross Section

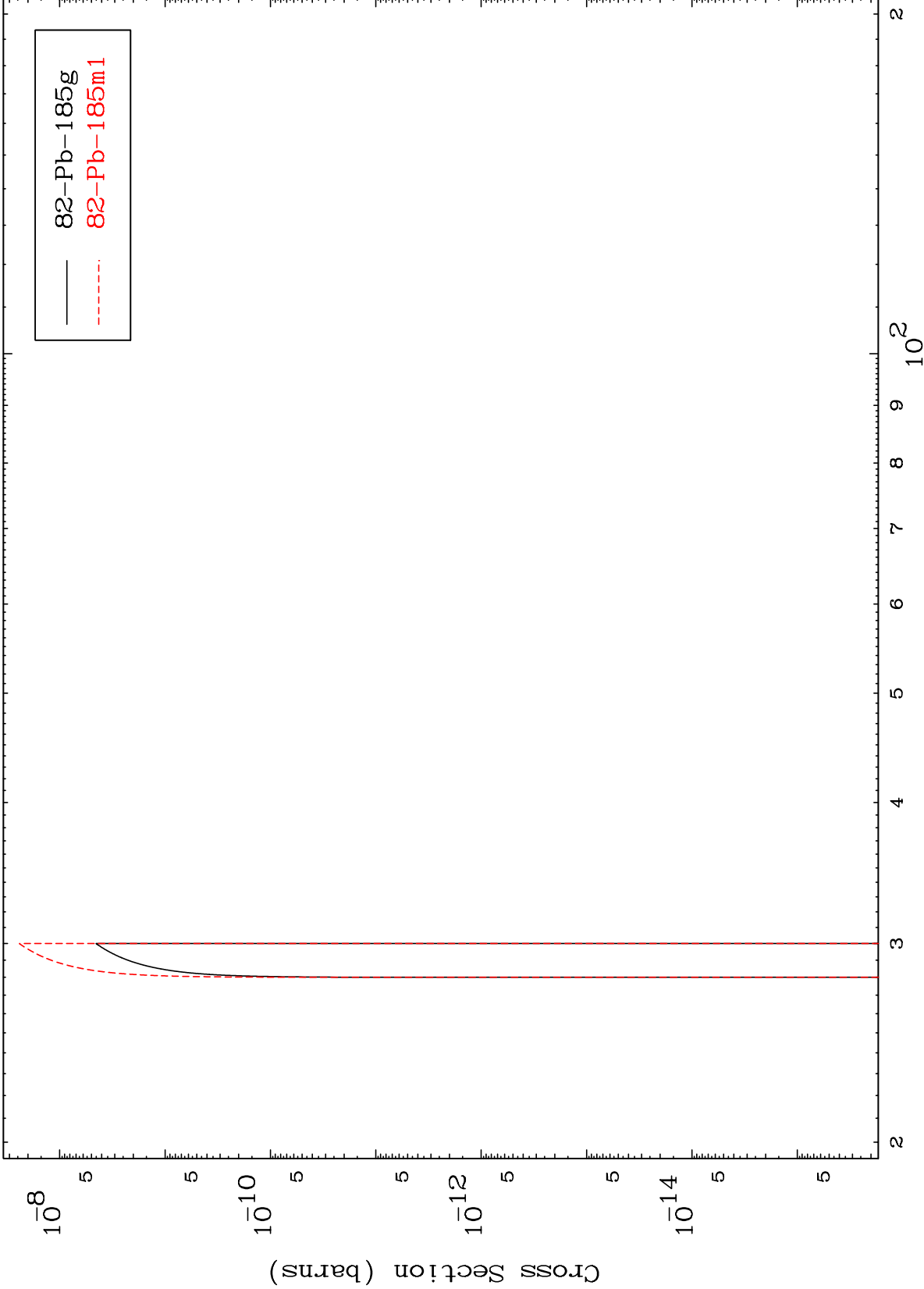


MAT 8175

$(\alpha, 2n) \alpha$

82-Pb-187

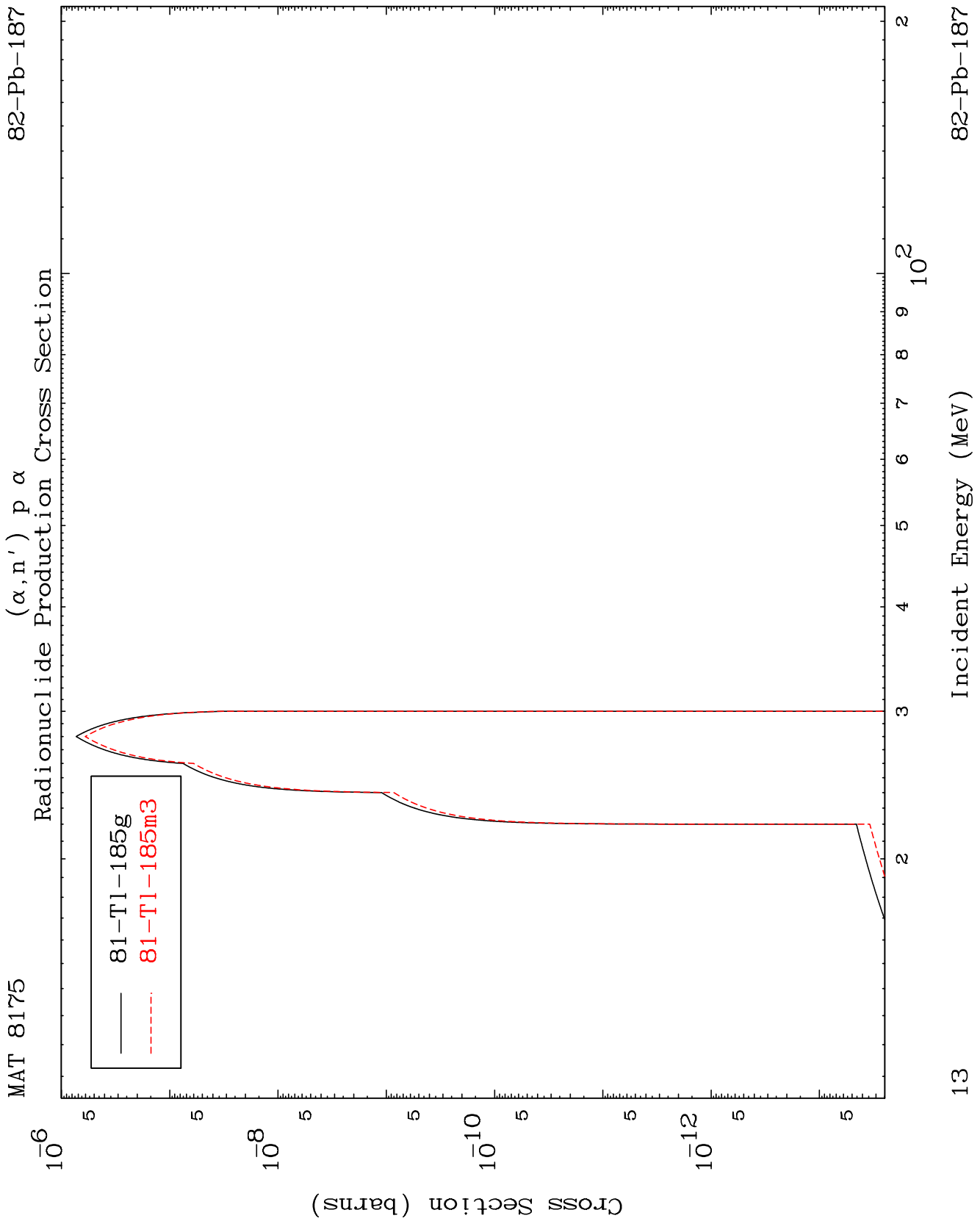
Radionuclide Production Cross Section



12

Incident Energy (MeV)

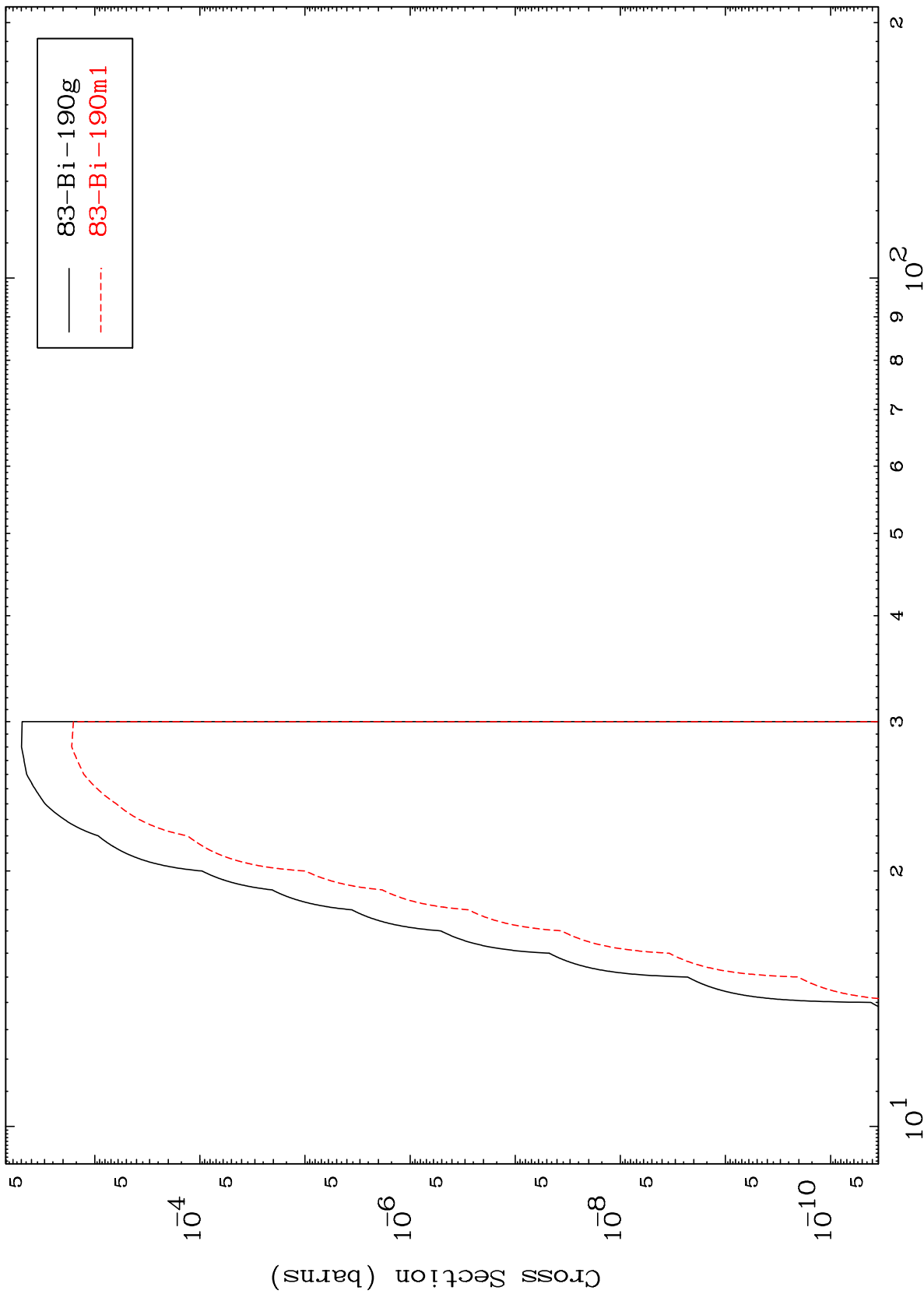
82-Pb-187



MAT 8175

82-Pb-187

(α, p)
Radionuclide Production Cross Section



82-Pb-187

Incident Energy (MeV)

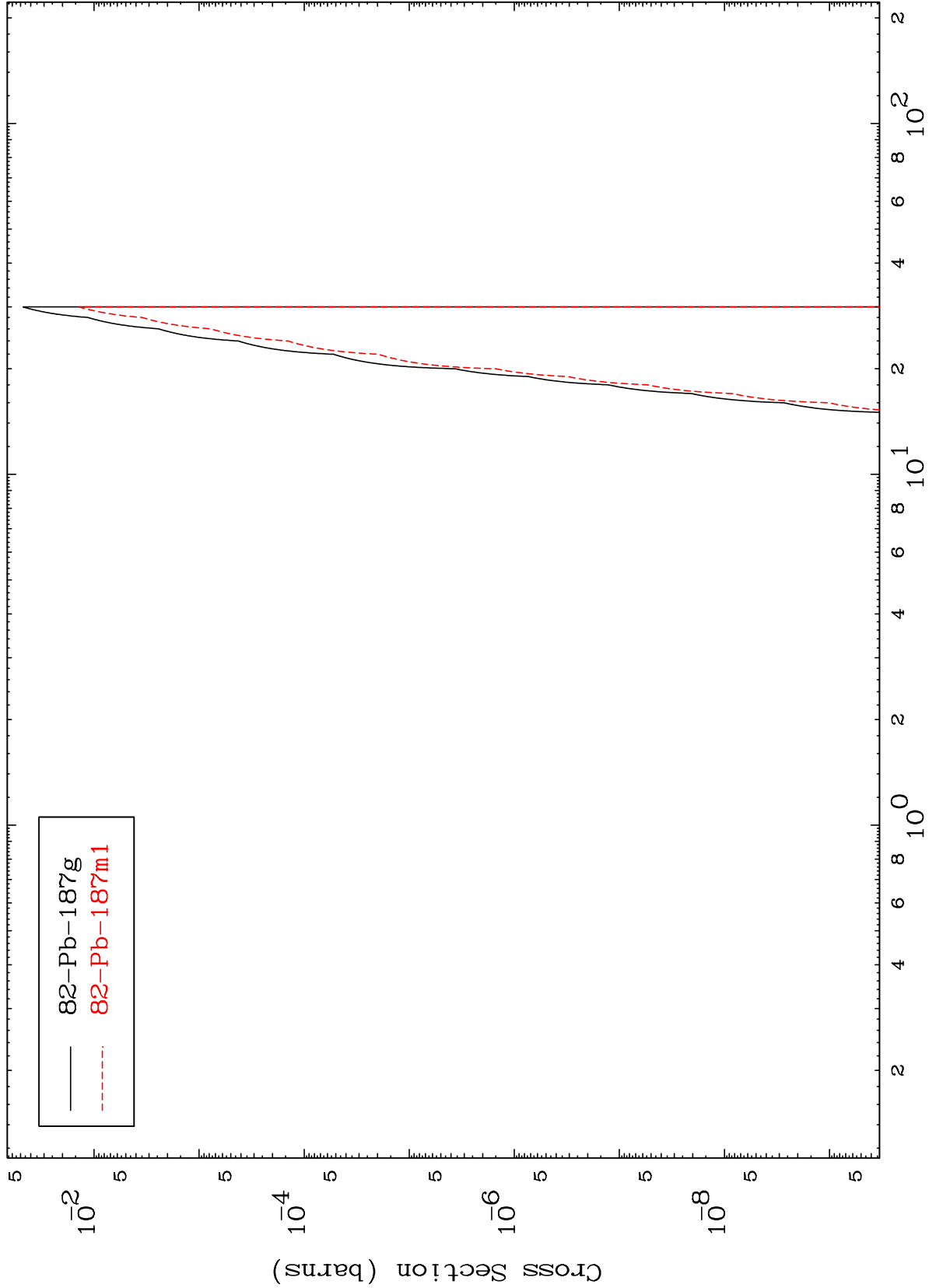
14

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82-Pb-187

(α, α)

Radionuclide Production Cross Section



15

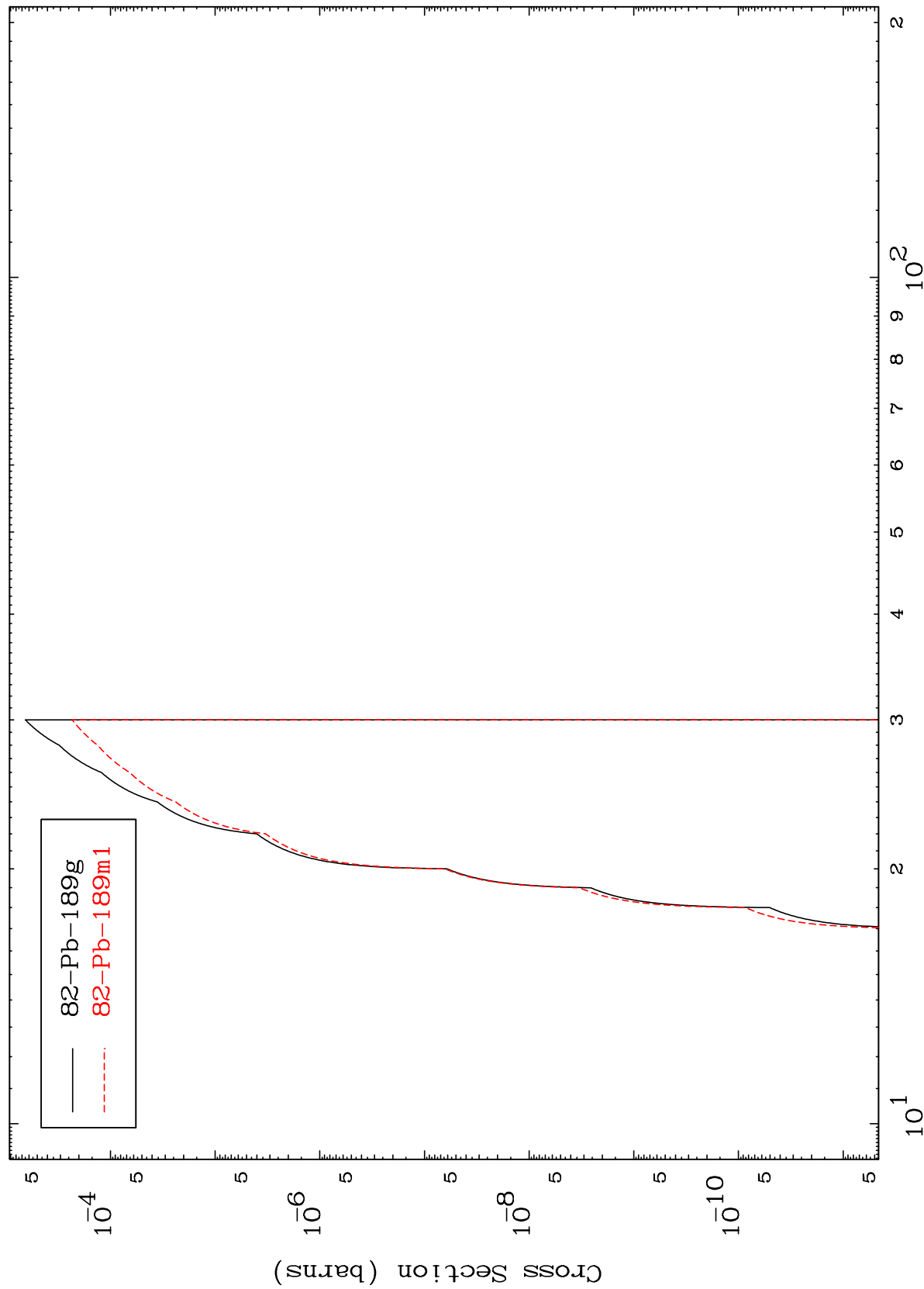
82-Pb-187

Incident Energy (MeV)

MAT 8175

82-Pb-187

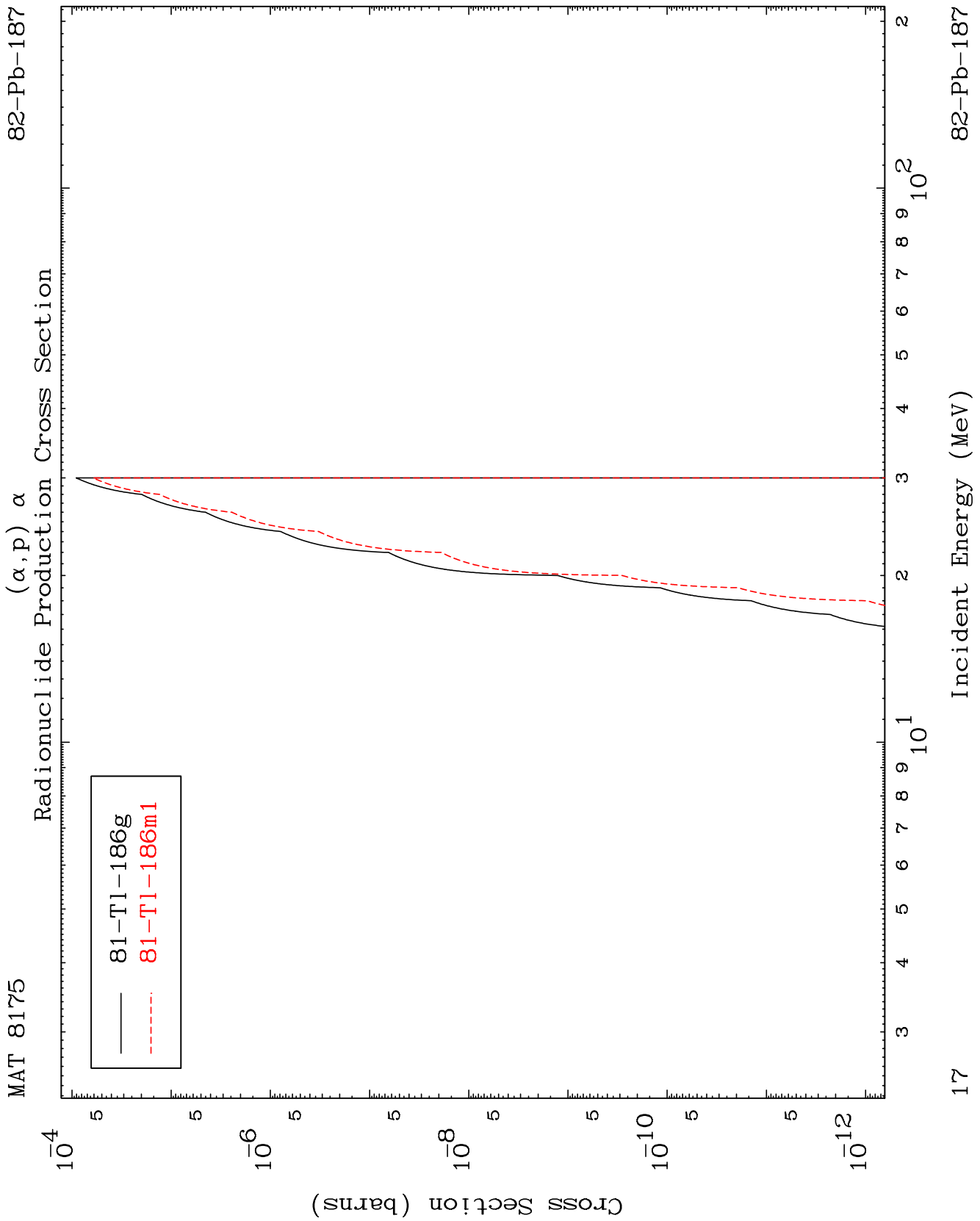
($\alpha, 2p$)
Radionuclide Production Cross Section



82-Pb-187

Incident Energy (MeV)

16

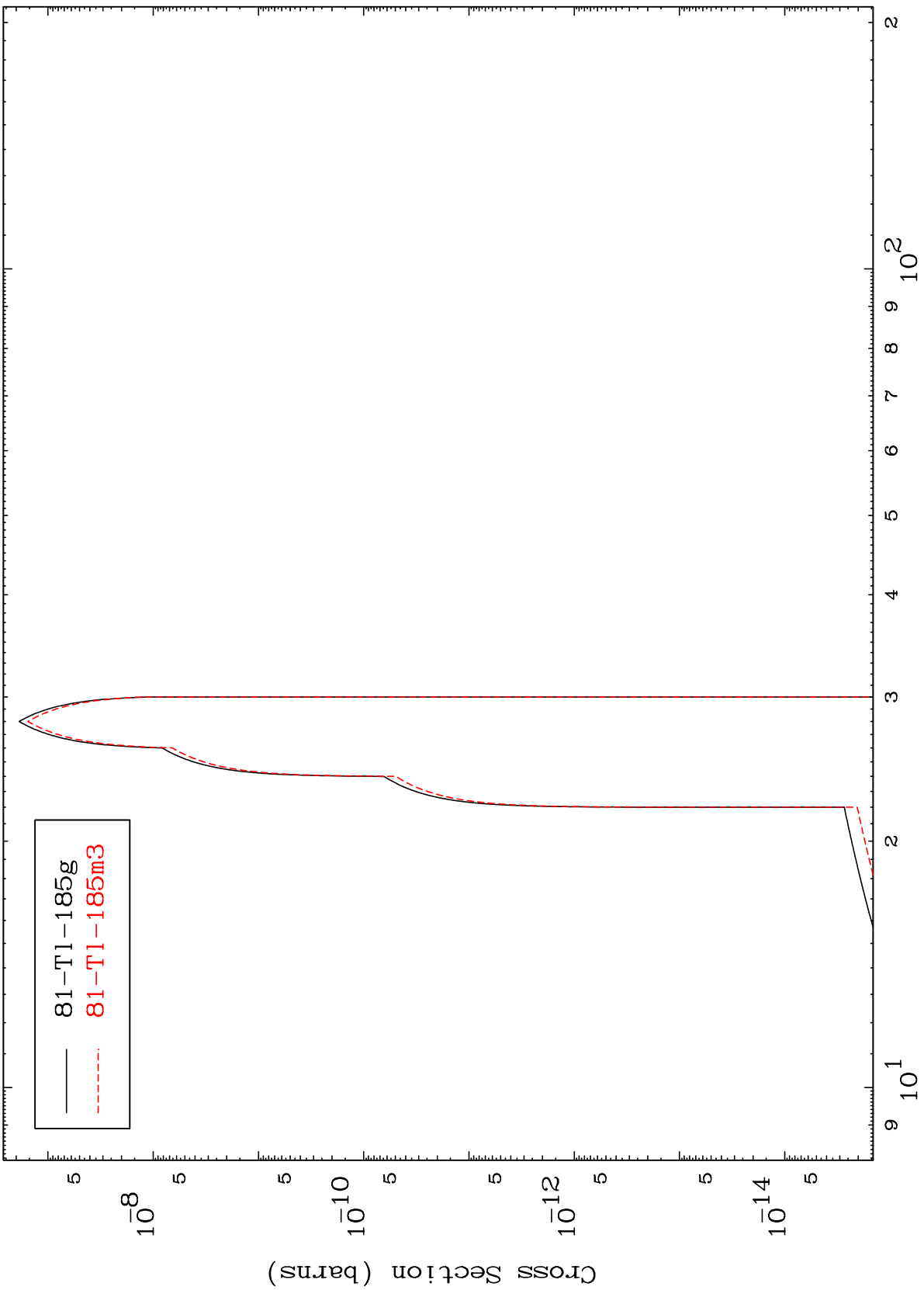


MAT 8175

(α, d) α

82-Pb-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

82-Pb-187