

Program EVALPLOT
(Version 2018-1)

by

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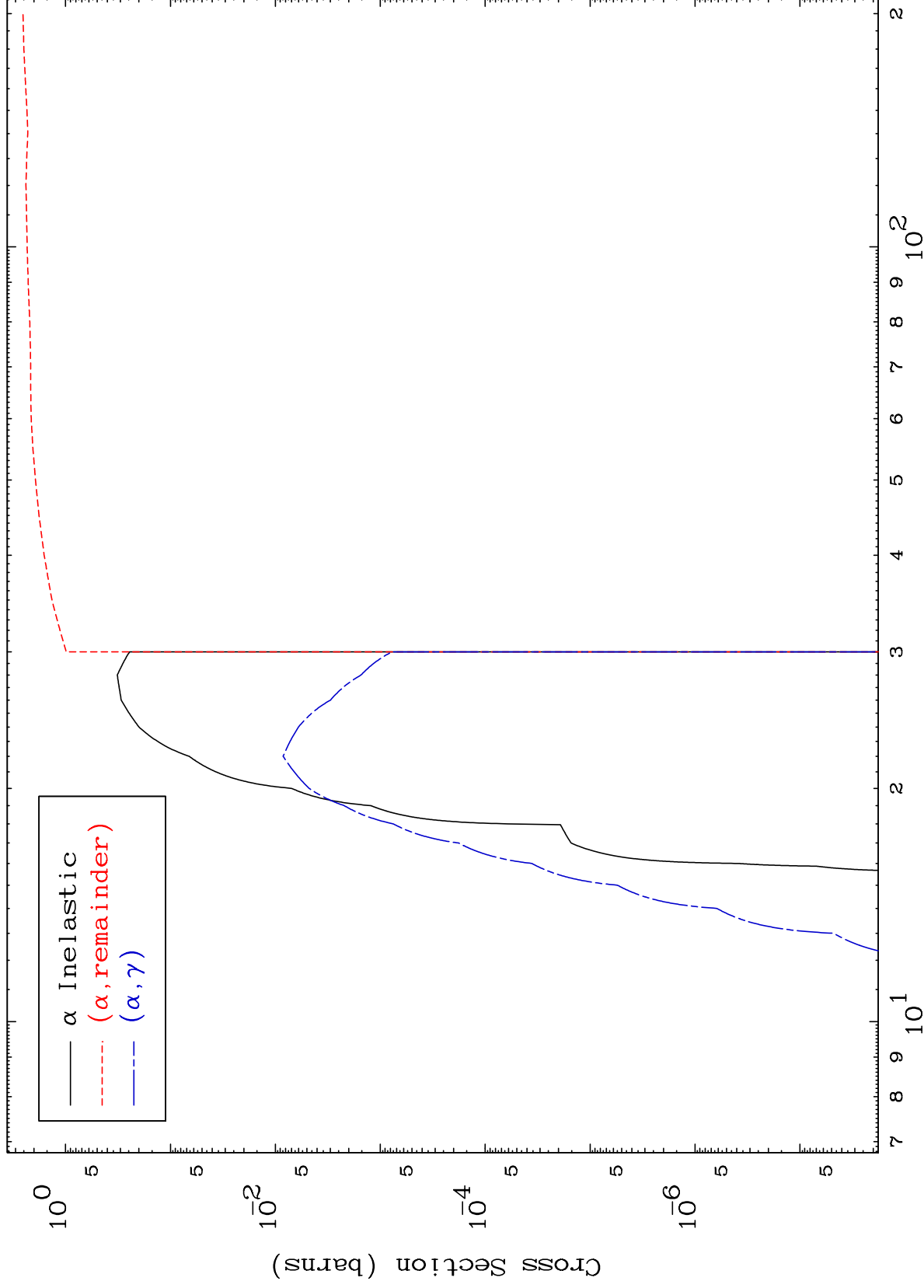
Press Mouse Button to Start

MAT 8181

α Major

82-Pb-189

0 Kelvin Cross Sections



1

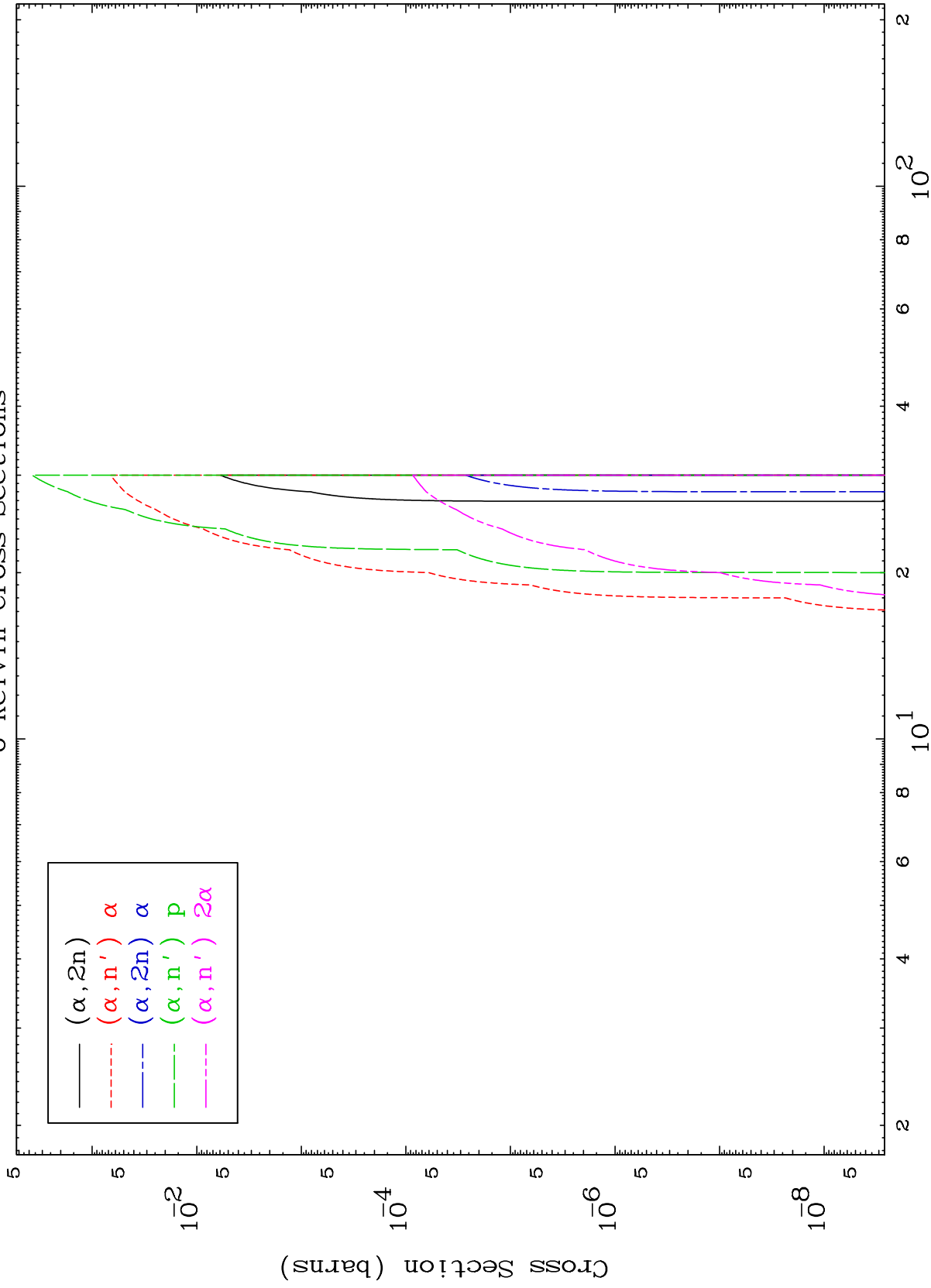
Incident Energy (MeV)

82-Pb-189

MAT 8181

α Neutron Production
0 Kelvin Cross Sections

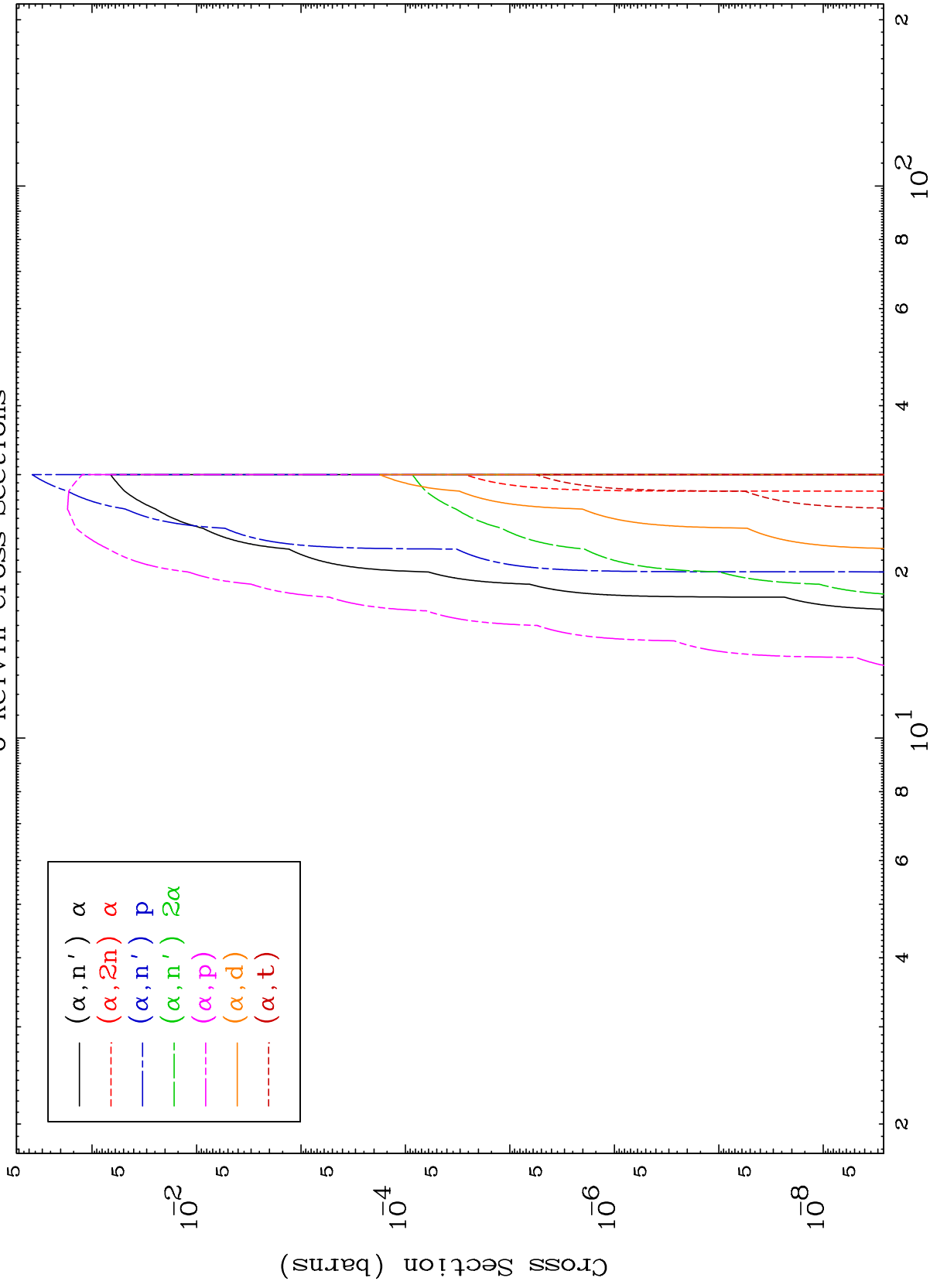
82-Pb-189



2

Incident Energy (MeV)

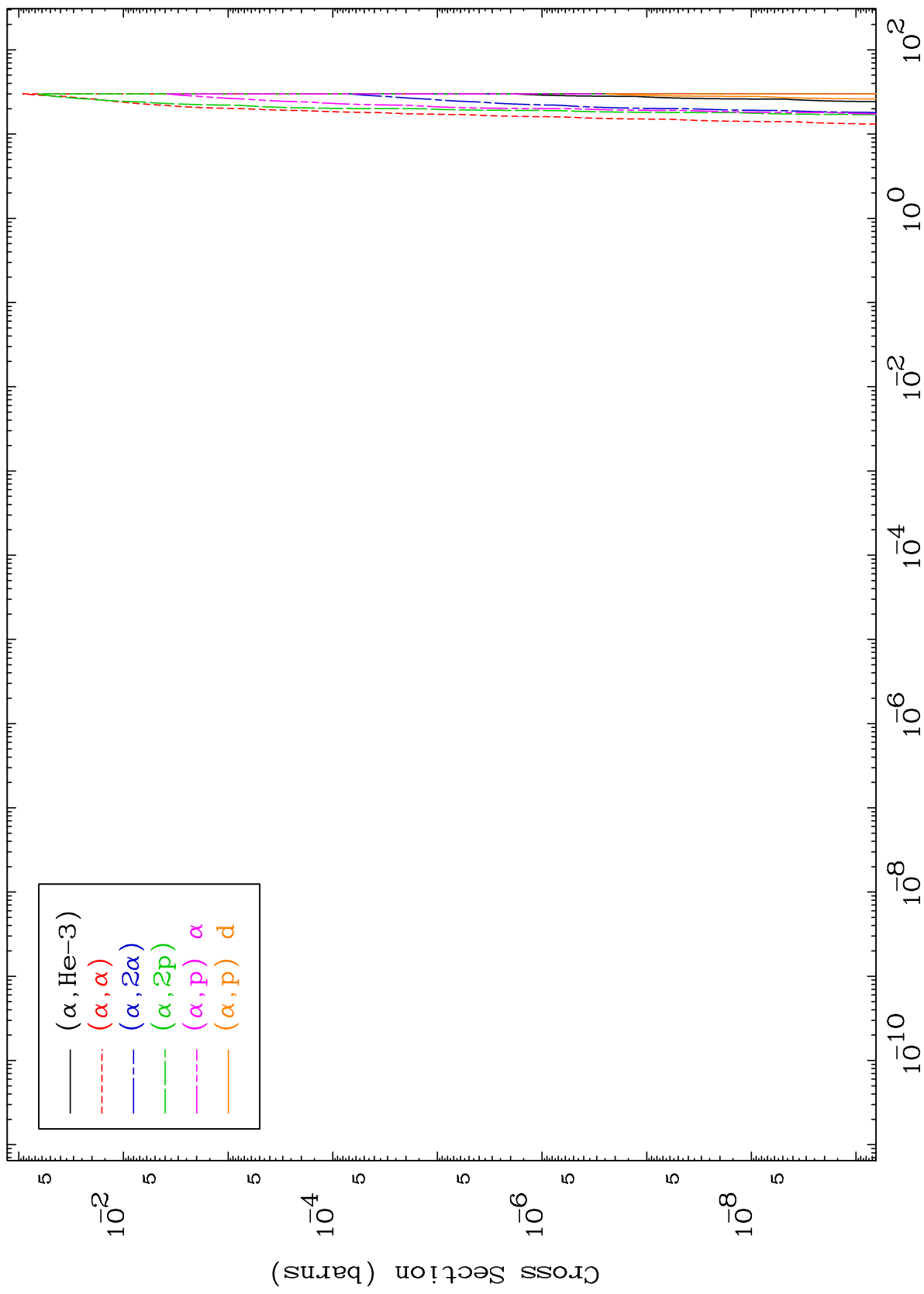
82-Pb-189



MAT 8181

α Charged Particle
0 Kelvin Cross Sections

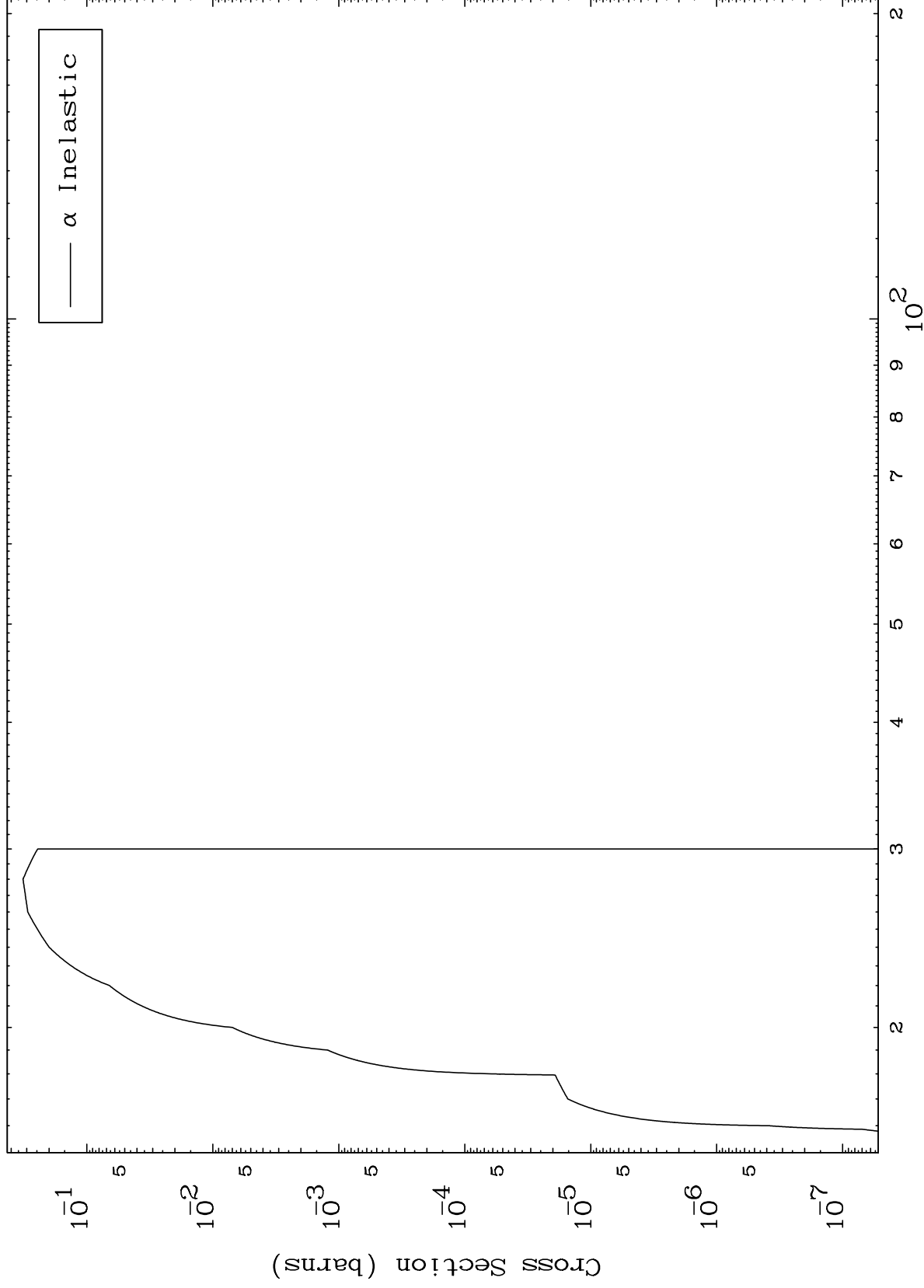
82-Pb-189



MAT 8181

(α, n') Level
0 Kelvin Cross Sections

82-Pb-189



5

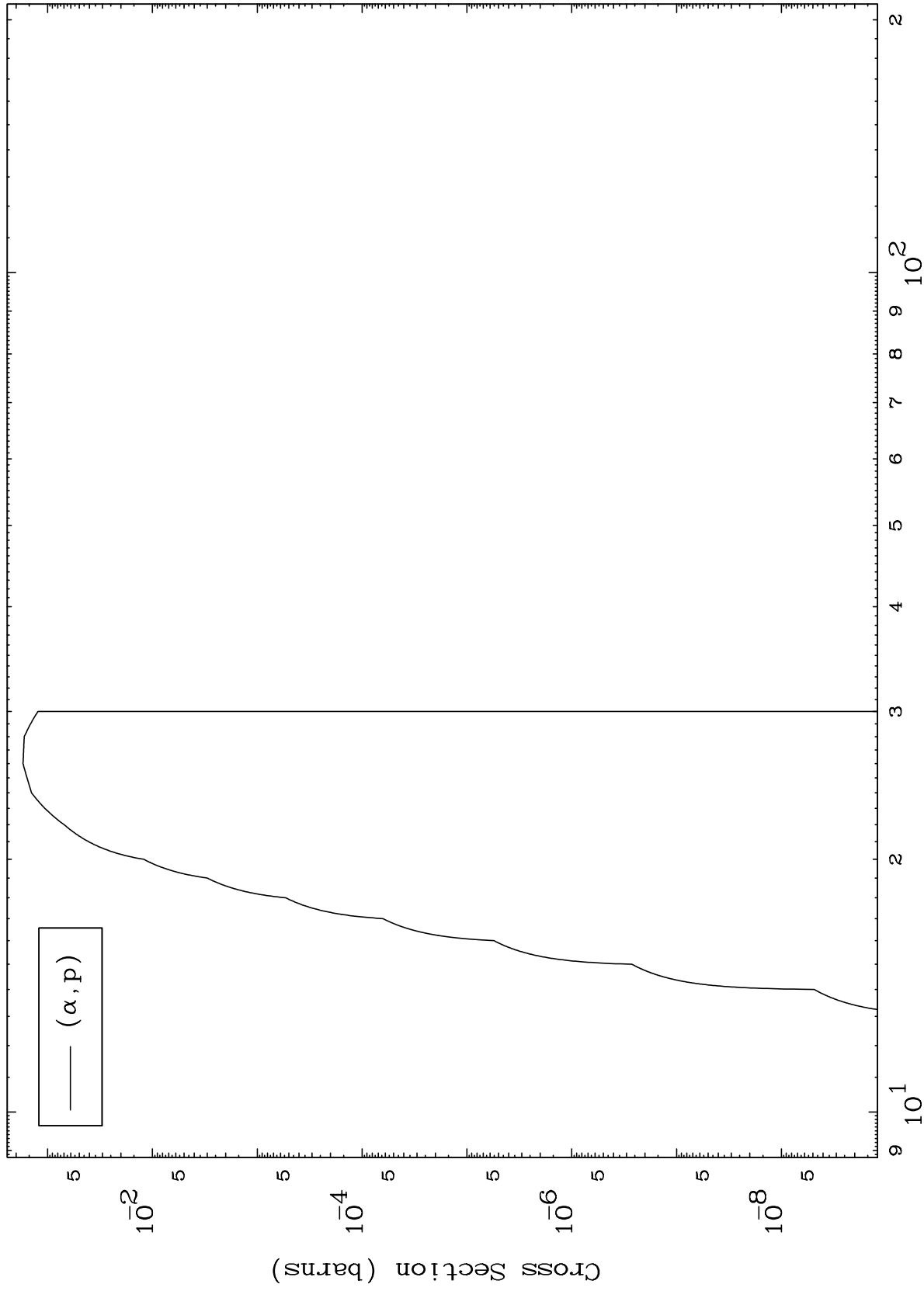
Incident Energy (MeV)

82-Pb-189

MAT 8181

82-Pb-189

(α ,p) Levels
0 Kelvin Cross Sections



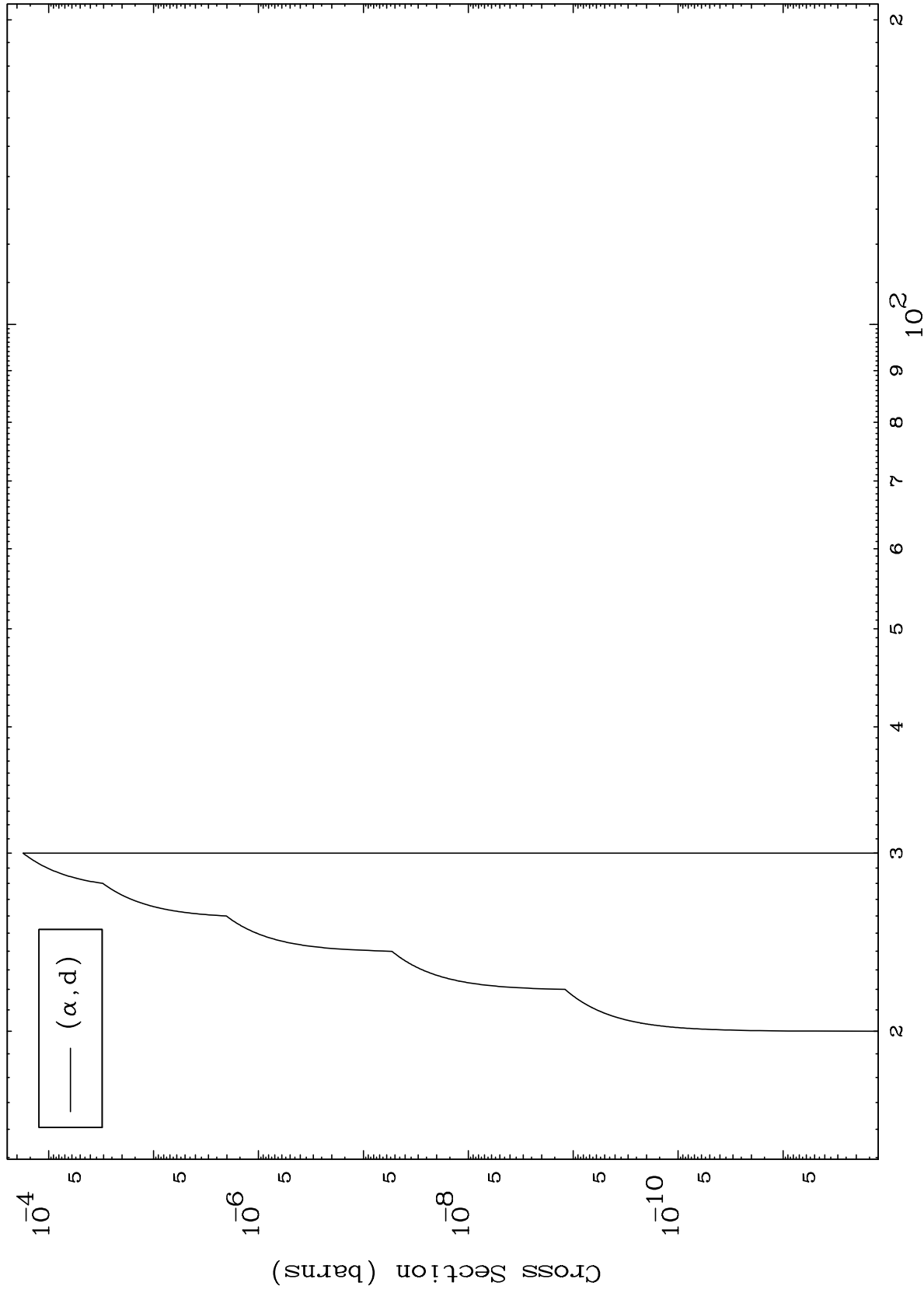
82-Pb-189

Incident Energy (MeV)

MAT 8181

(α ,d) Levels
0 Kelvin Cross Sections

82-Pb-189



7

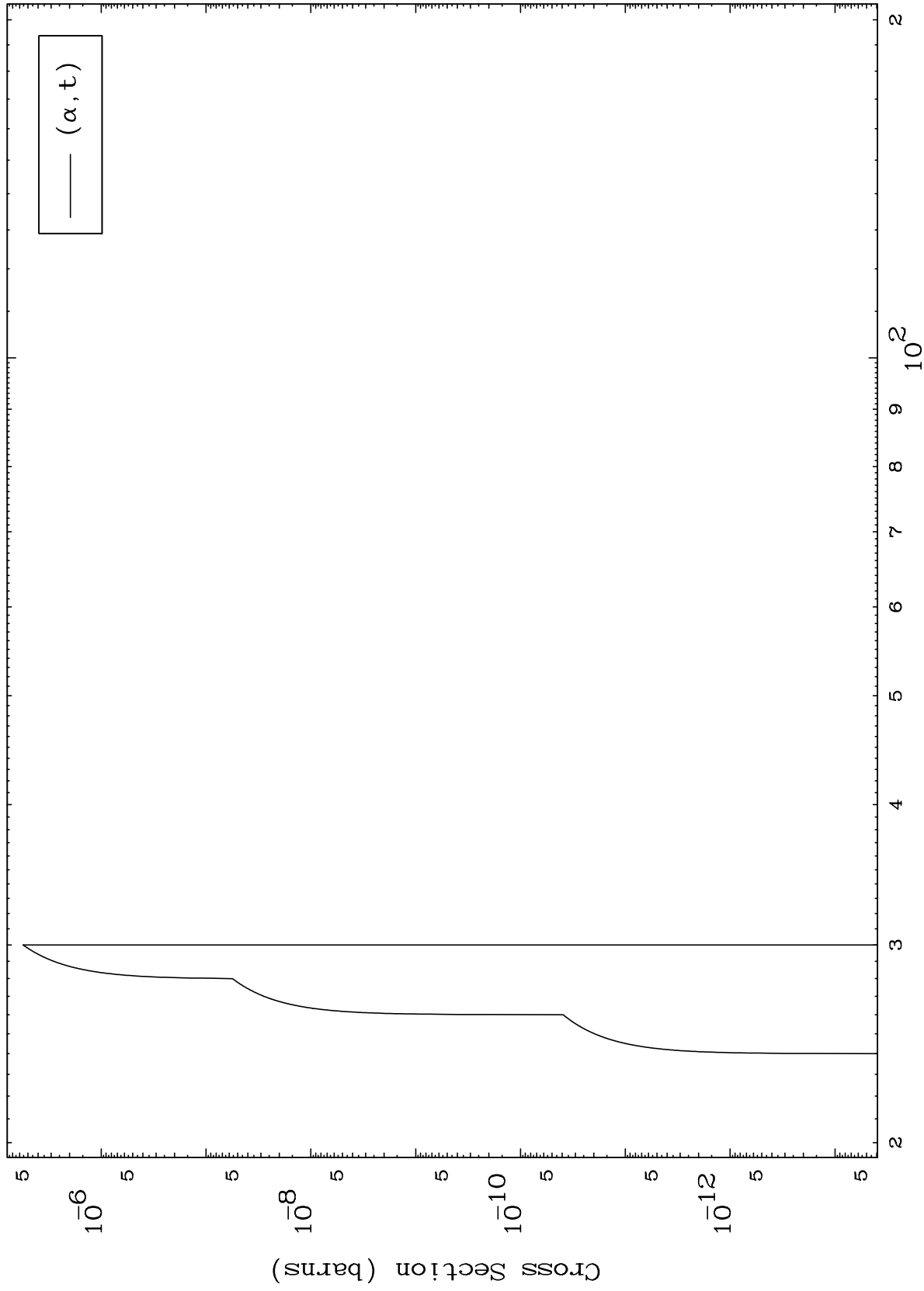
Incident Energy (MeV)

82-Pb-189

MAT 8181

82-Pb-189

(α, t) Levels
0 Kelvin Cross Sections



8

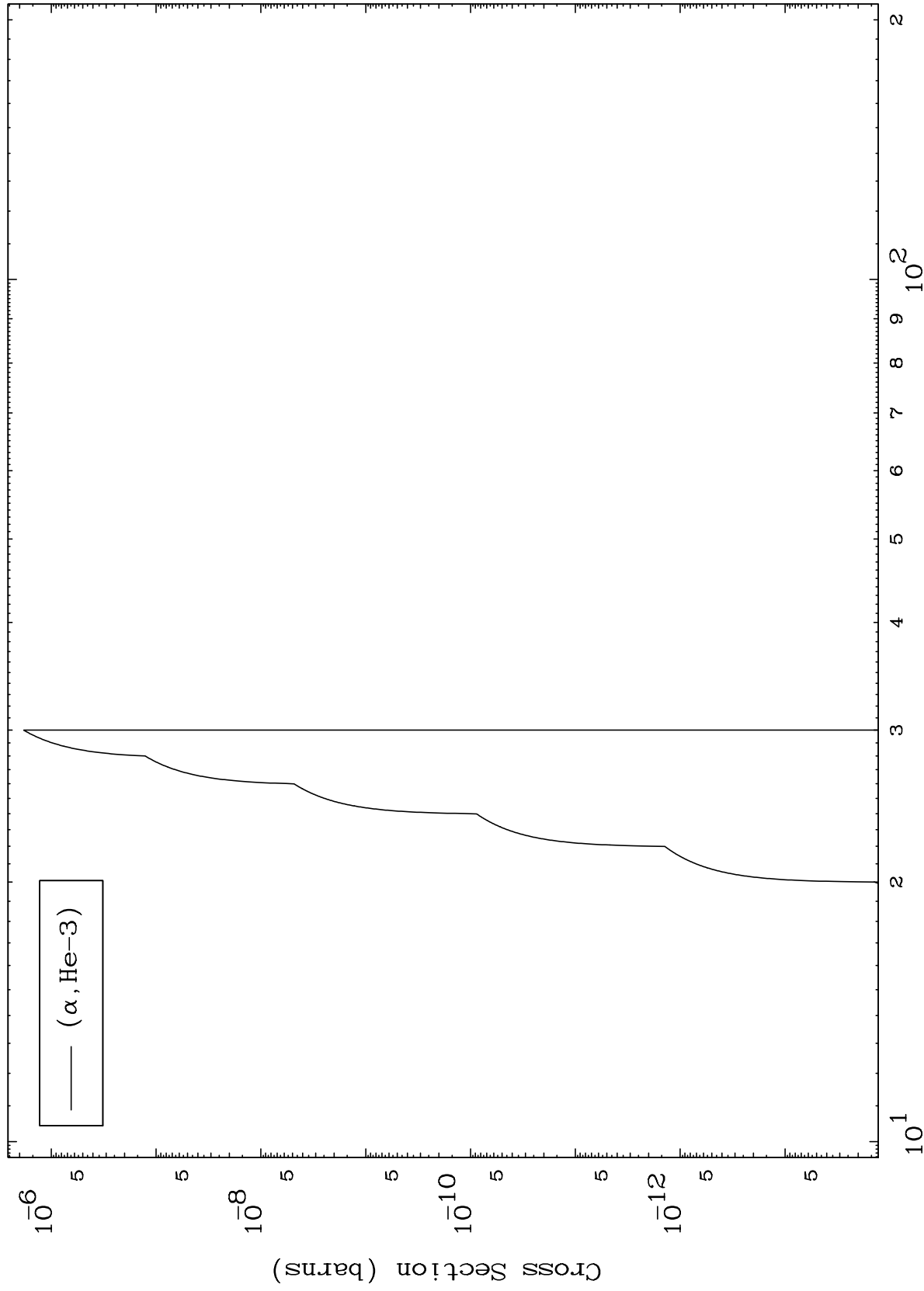
Incident Energy (MeV)

82-Pb-189

MAT 8181

82-Pb-189

(α ,He3) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

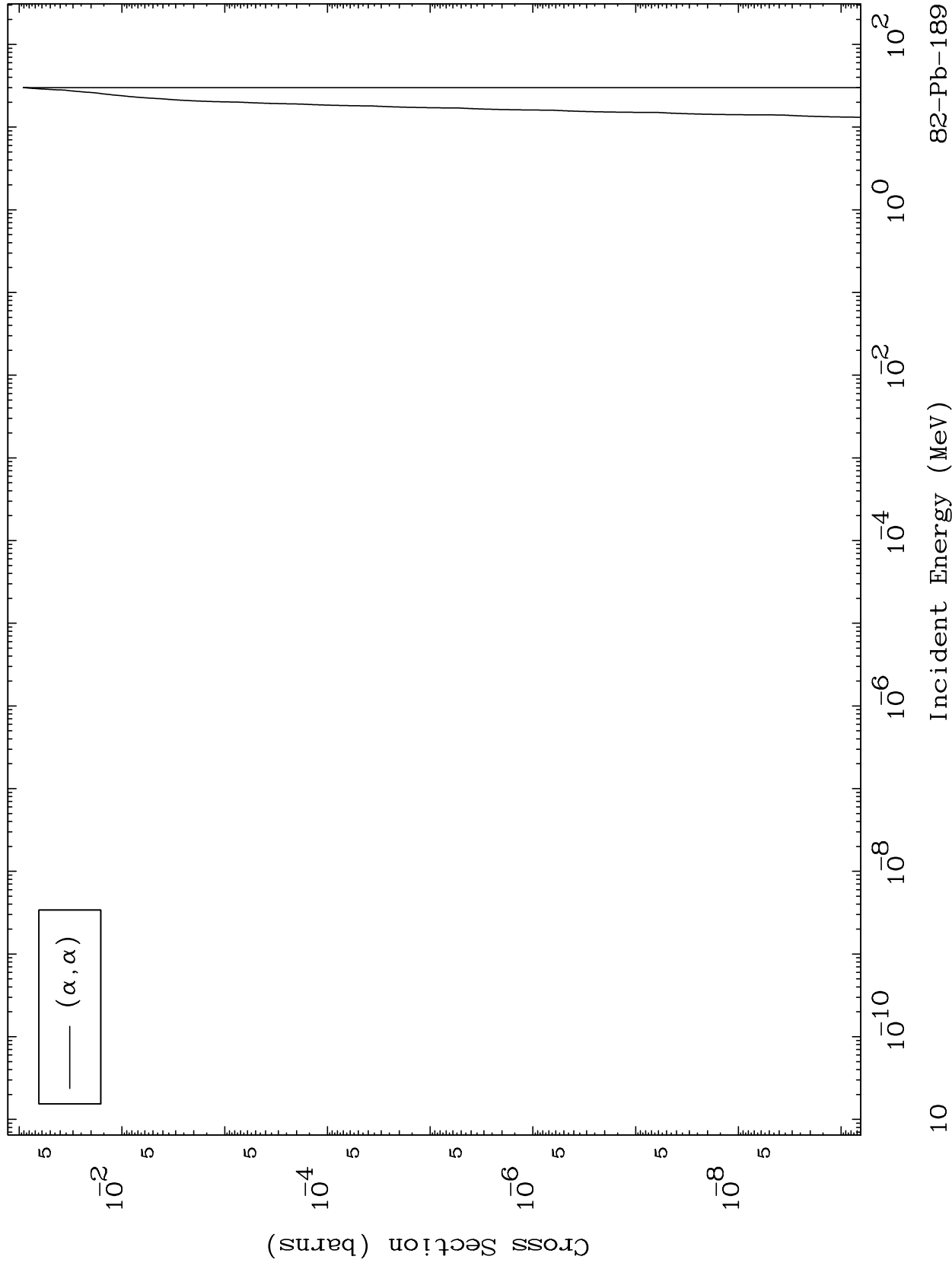
82-Pb-189

MAT 8181

(α, α) Levels

82-Pb-189

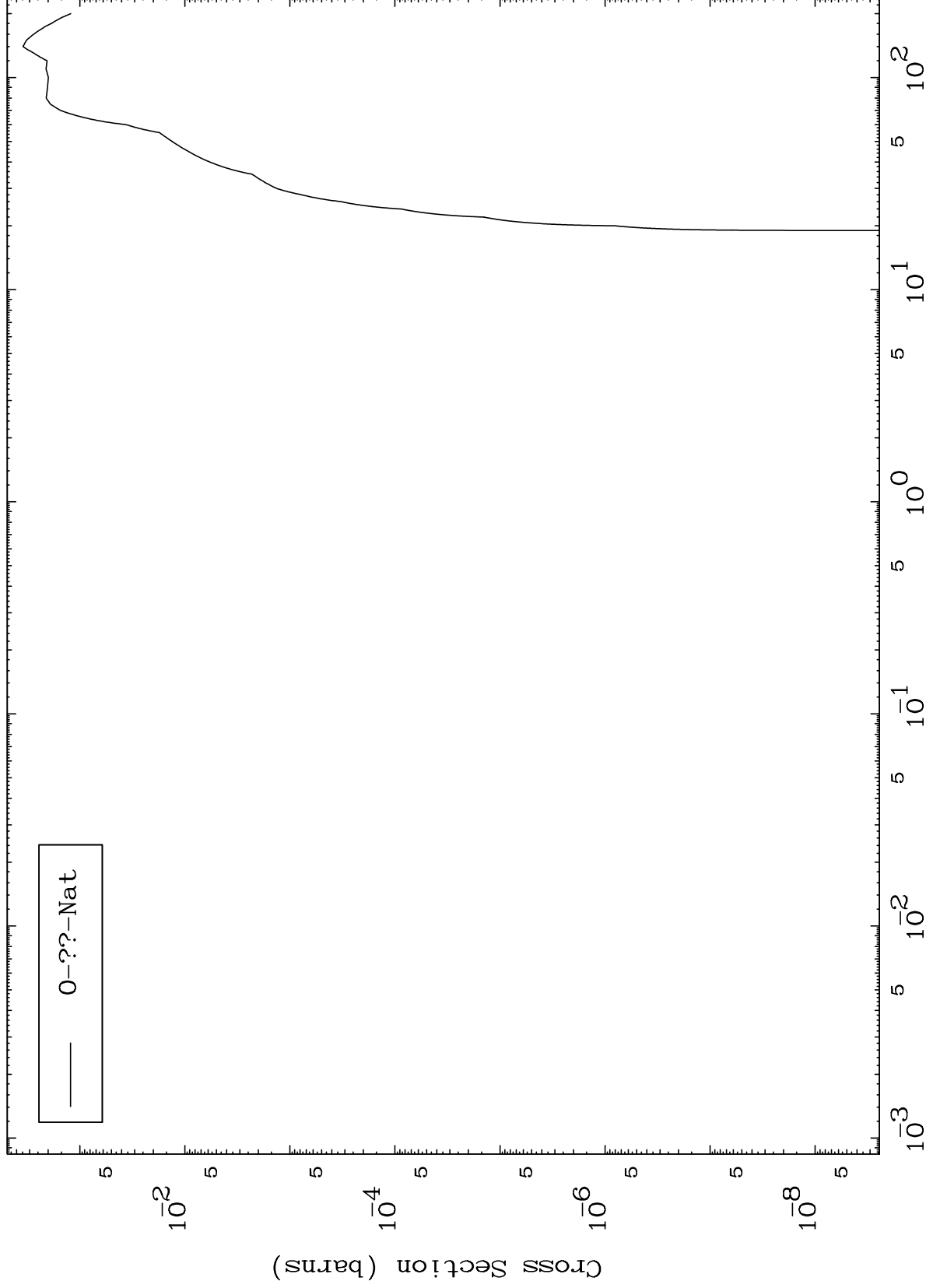
0 Kelvin Cross Sections



MAT 8181

α Fission
Radionuclide Production Cross Section

82-Pb-189



Incident Energy (MeV)

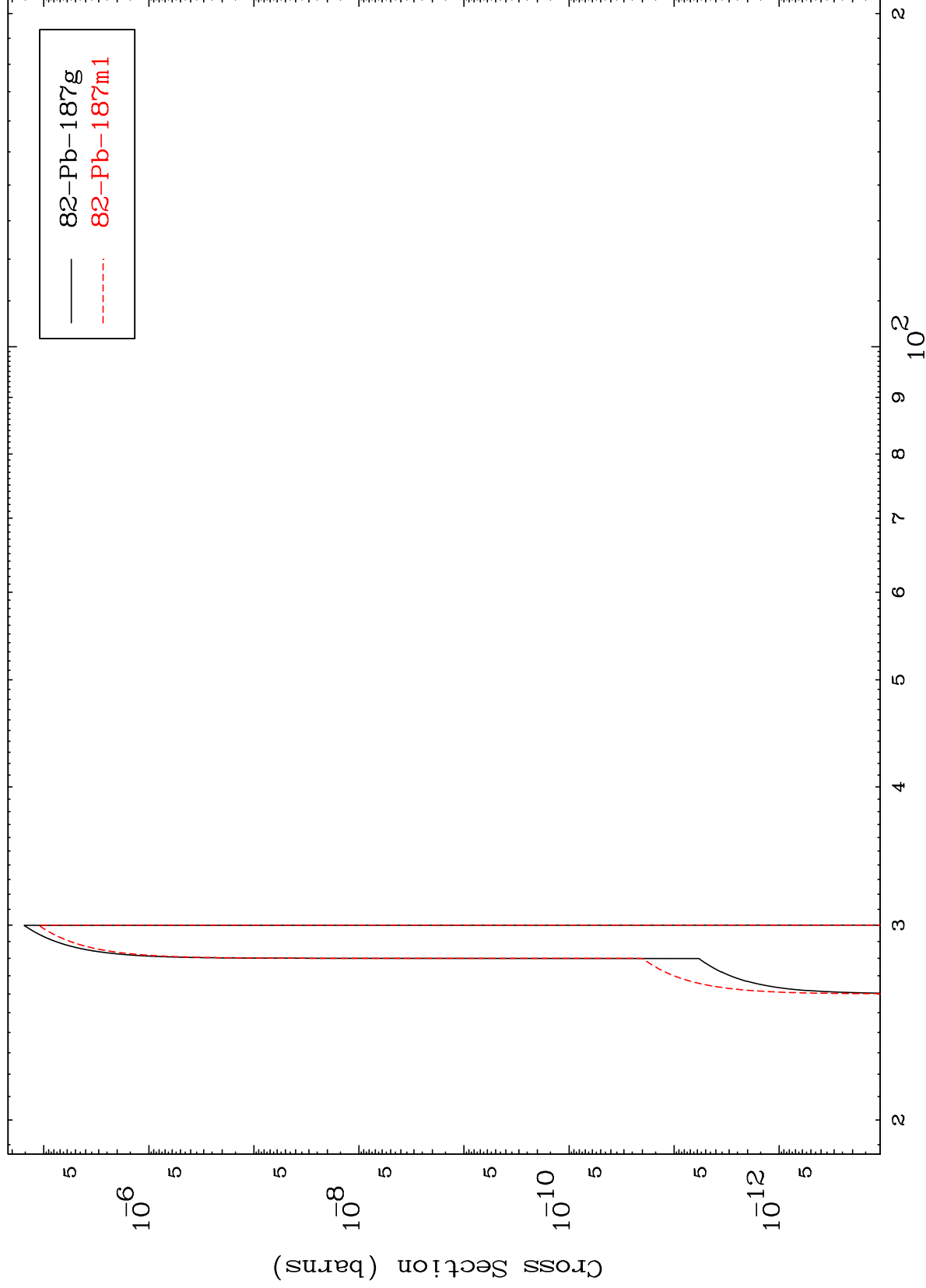
82-Pb-189

MAT 8181

$(\alpha, 2n) \alpha$

82-Pb-189

Radionuclide Production Cross Section

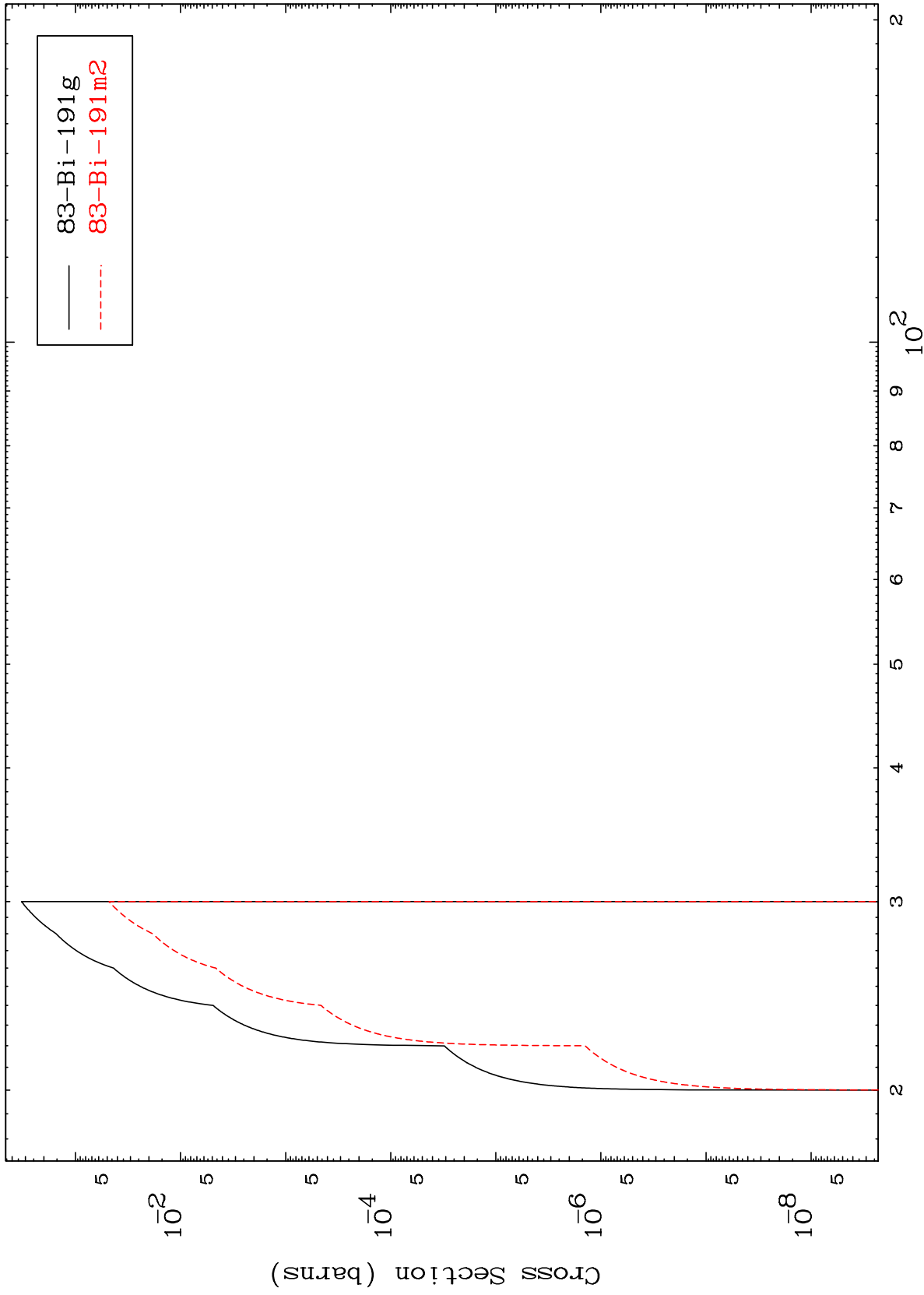


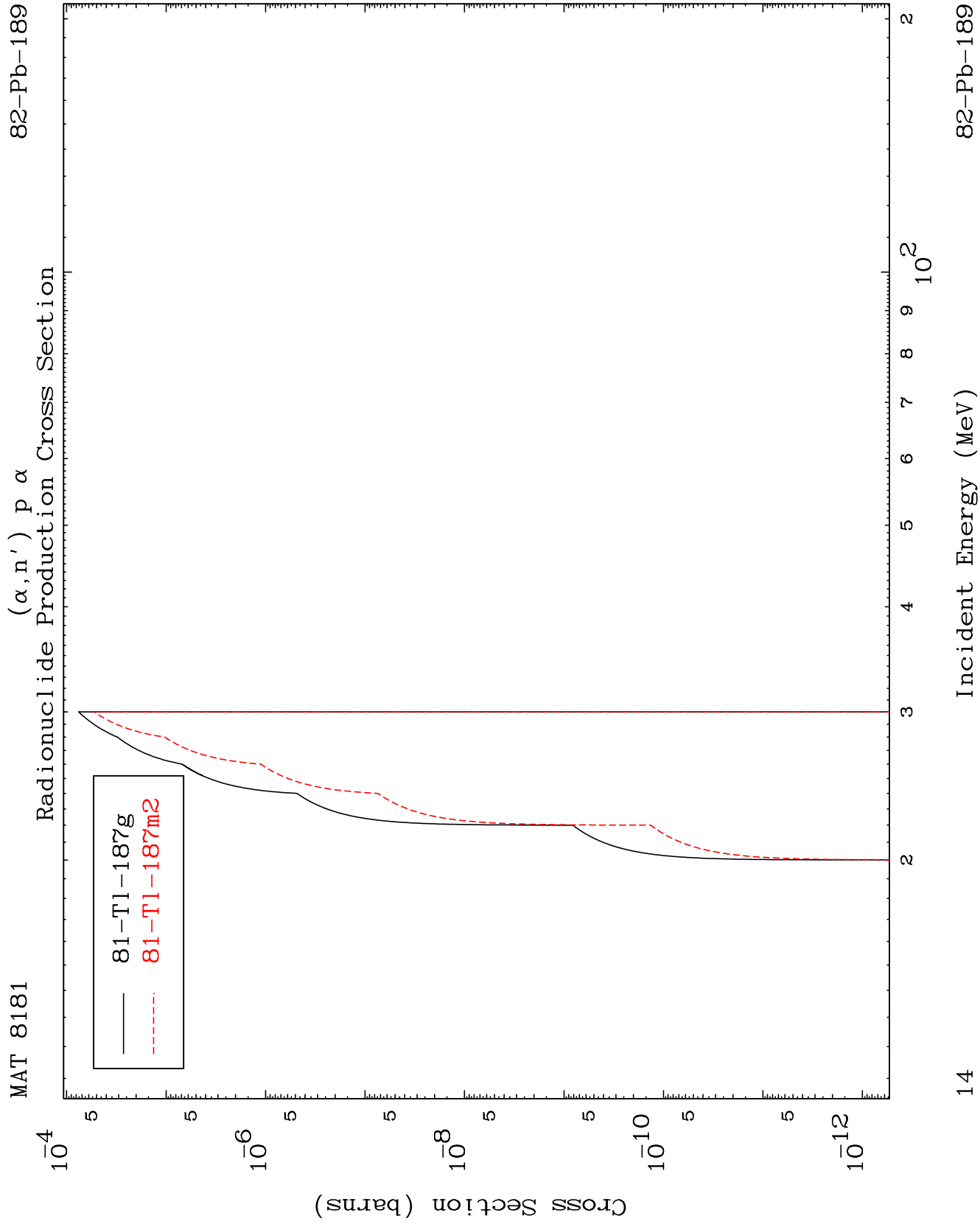
12

Incident Energy (MeV)

82-Pb-189

(α, n') p
Radionuclide Production Cross Section

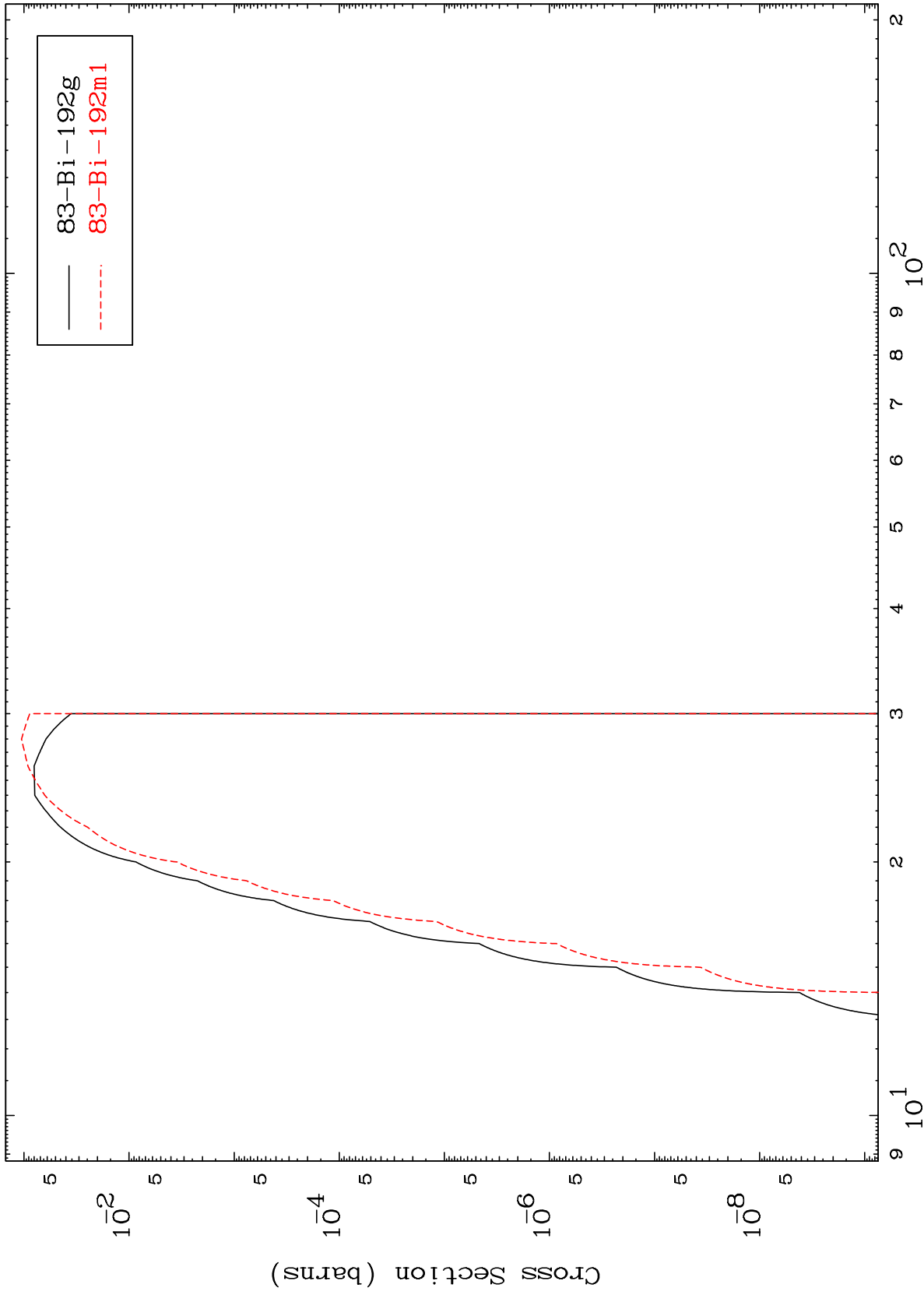




MAT 8181

82-Pb-189

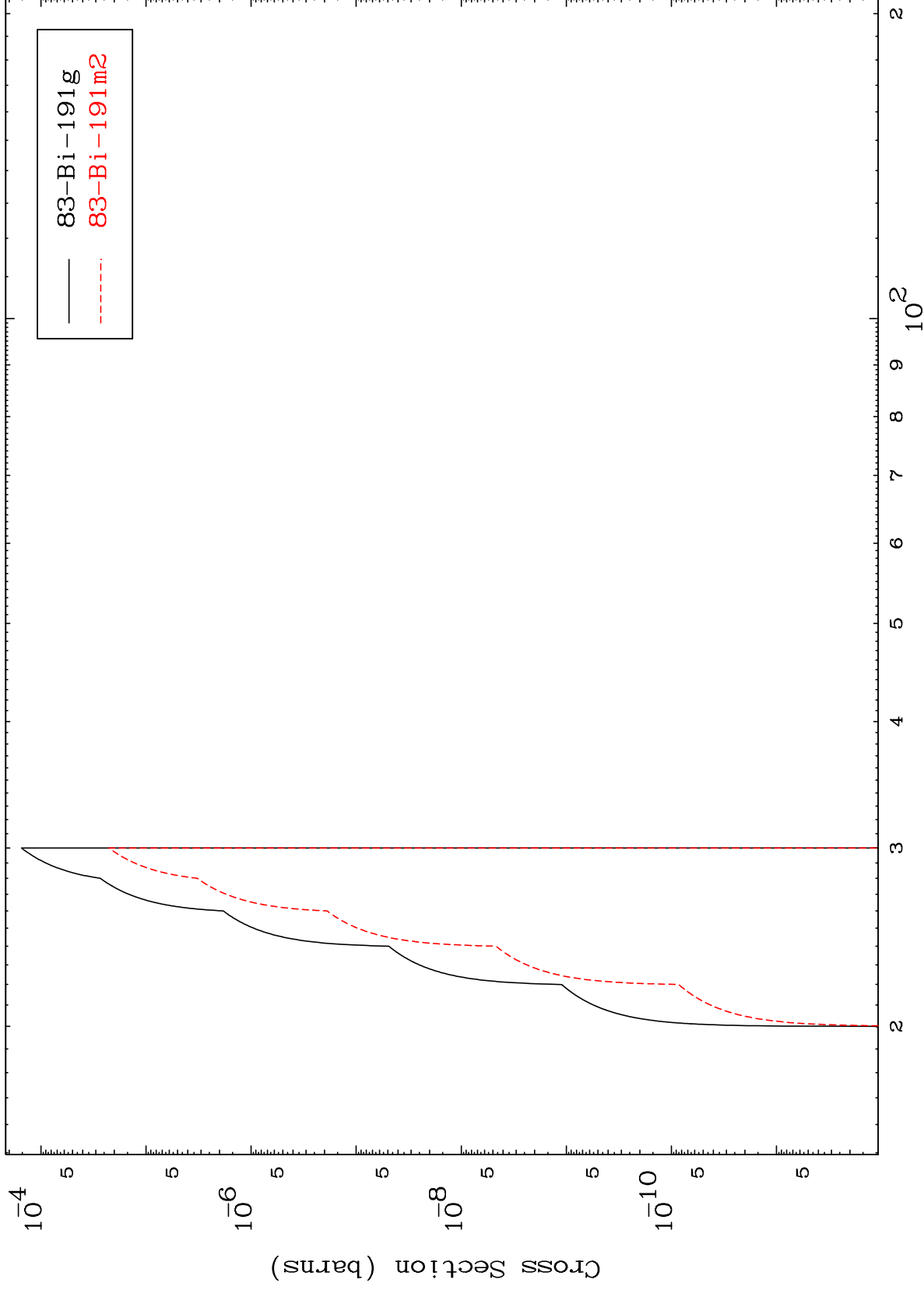
(α, p)
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-189

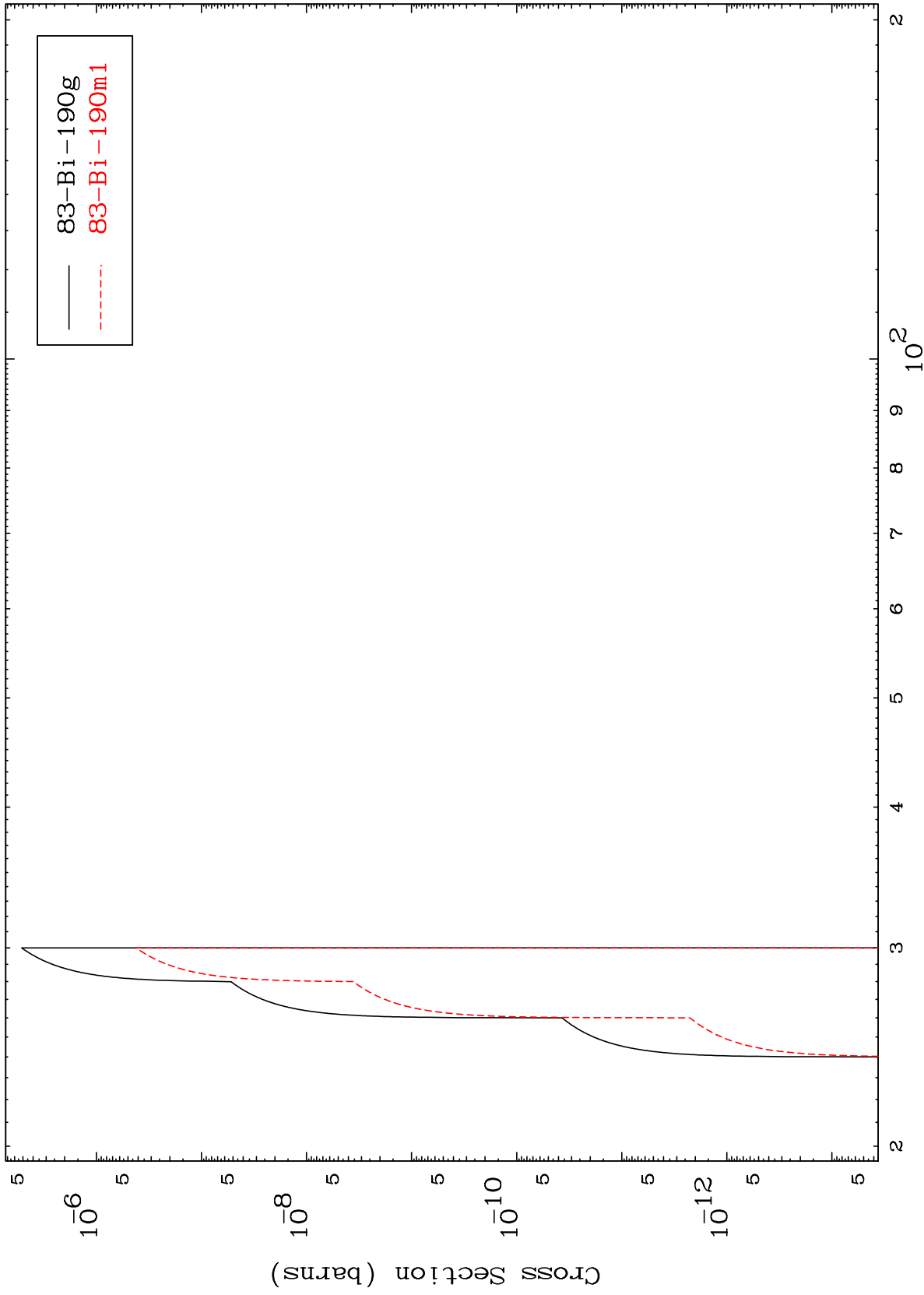
Radionuclide Production Cross Section



MAT 8181

82-Pb-189

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

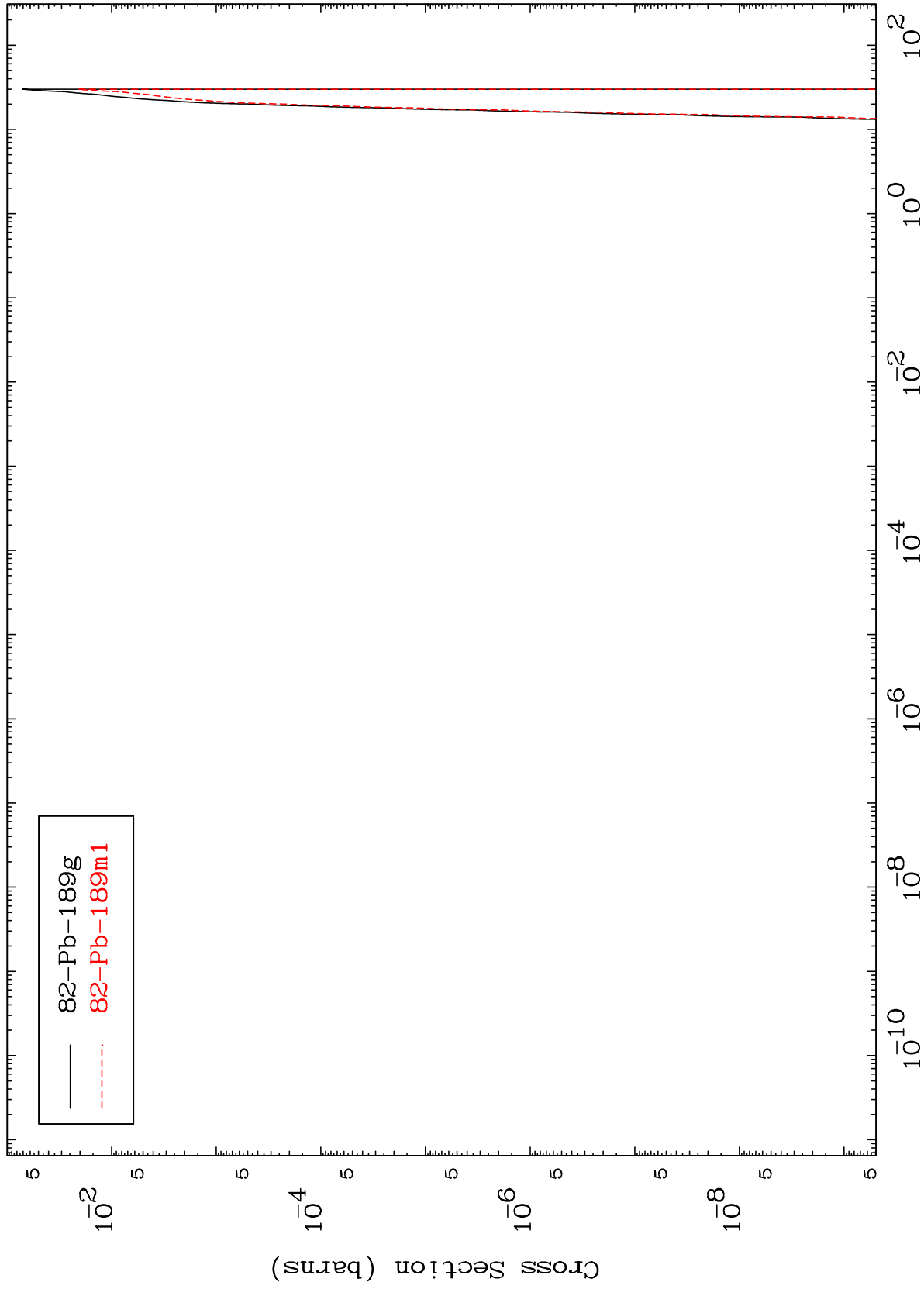
82-Pb-189

MAT 8181

(α, α)

82-Pb-189

Radionuclide Production Cross Section



18

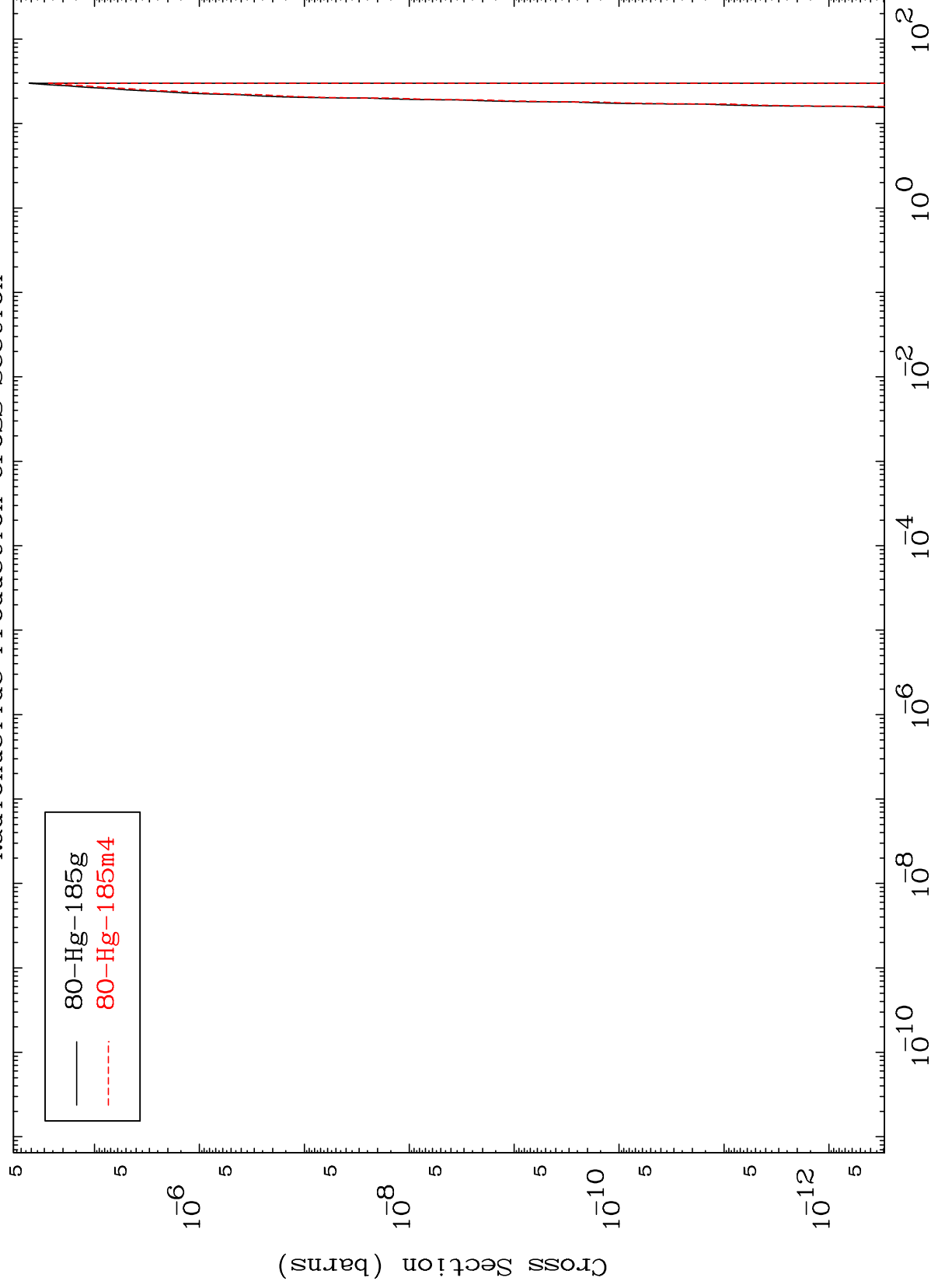
Incident Energy (MeV)

82-Pb-189

MAT 8181

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

82-Pb-189



19

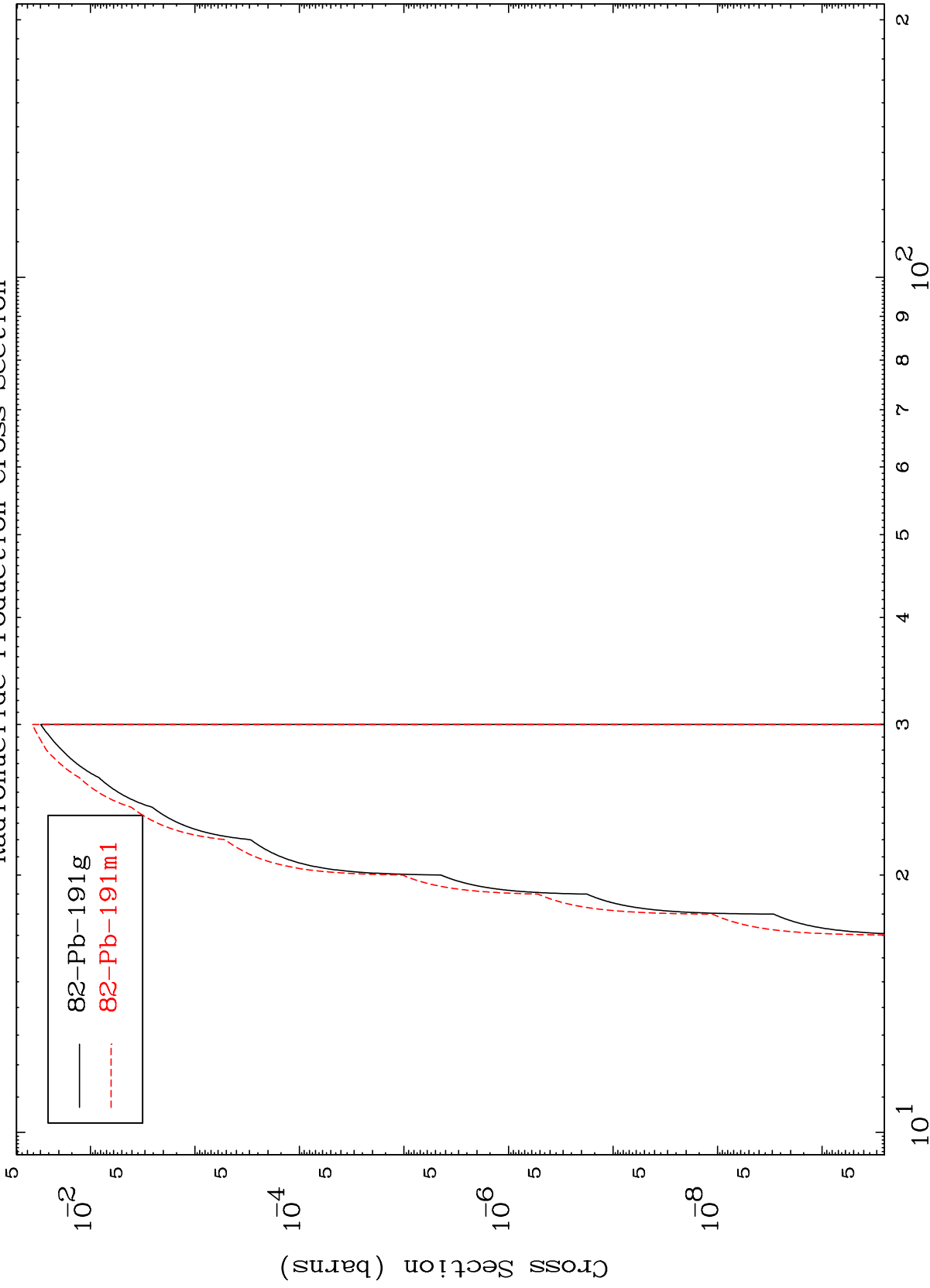
Incident Energy (MeV)

82-Pb-189

MAT 8181

82-Pb-189

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

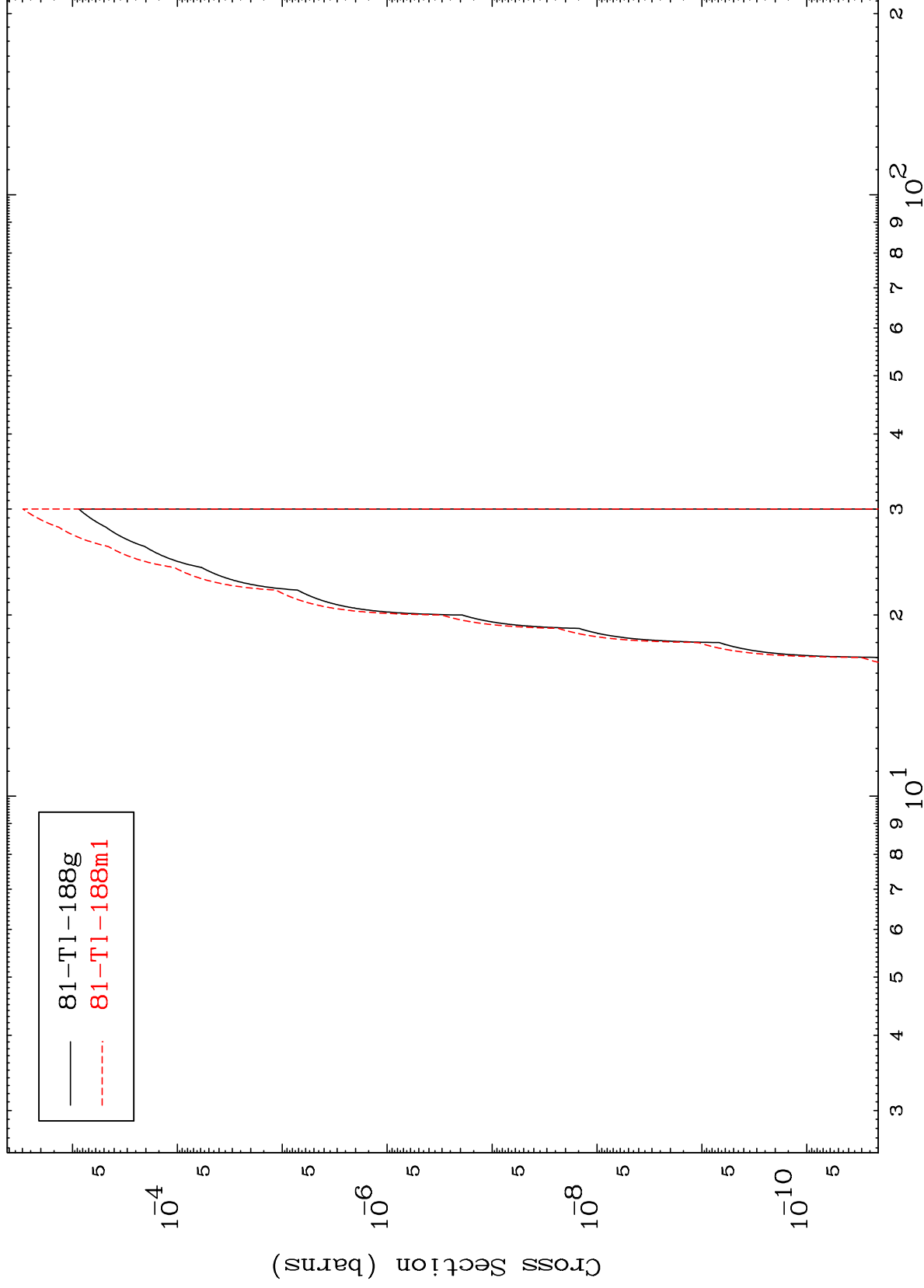


MAT 8181

(α ,p) α

82-Pb-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

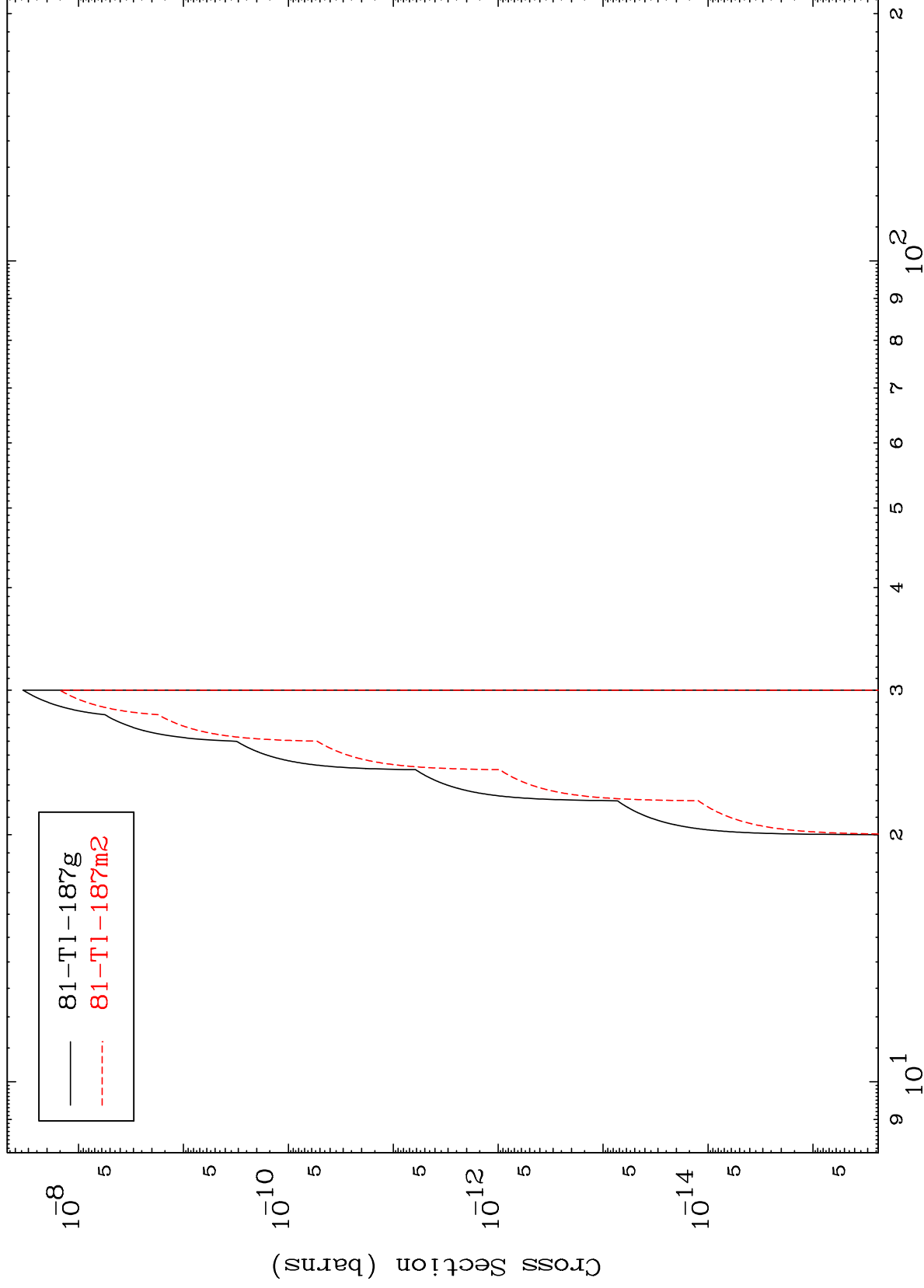
82-Pb-189

MAT 8181

(α, d) α

82-Pb-189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

82-Pb-189