

Program EVALPLOT
(Version 2018-1)

by

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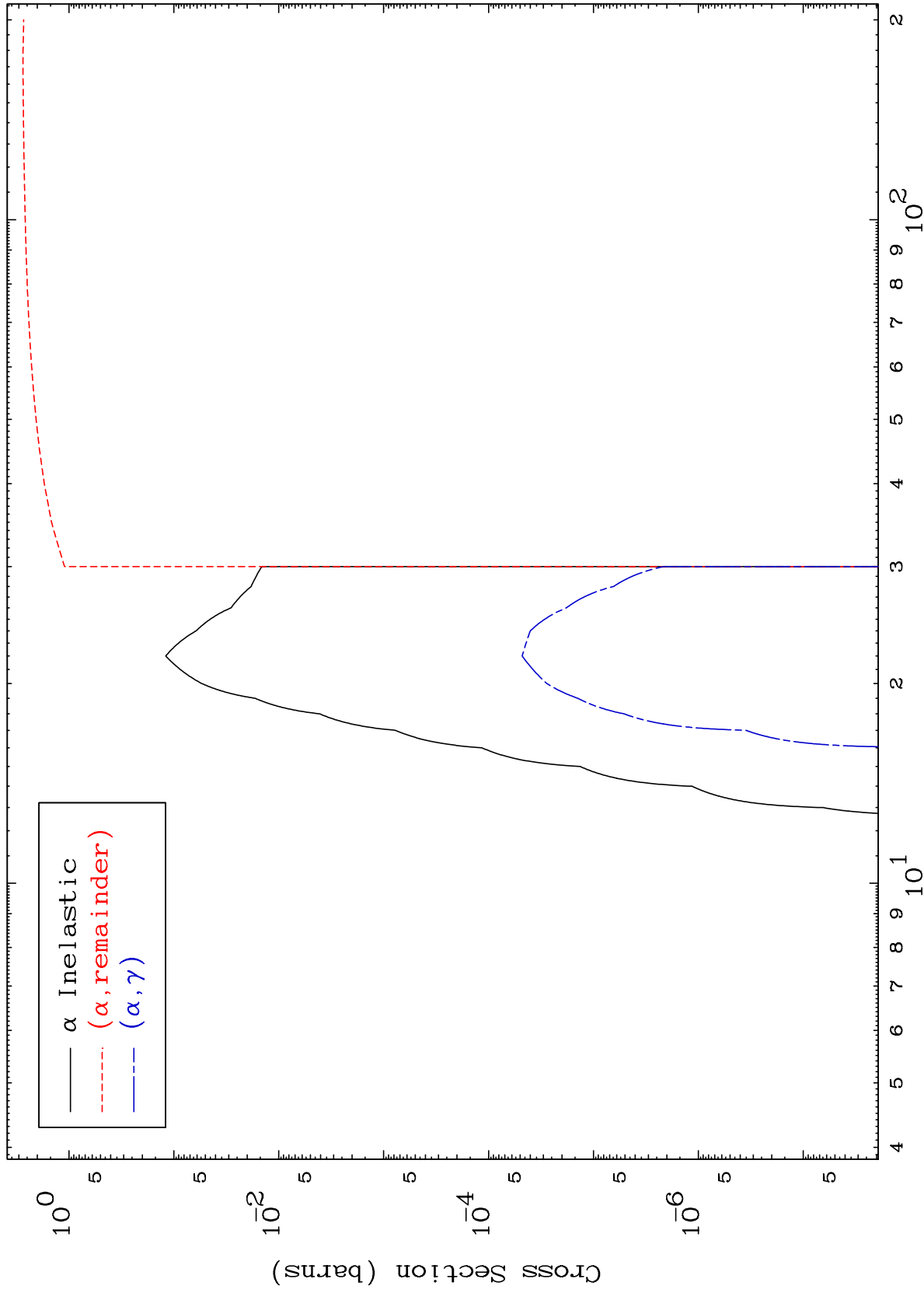
Press Mouse Button to Start

MAT 81116

α Major

81-T1-200

0 Kelvin Cross Sections



1

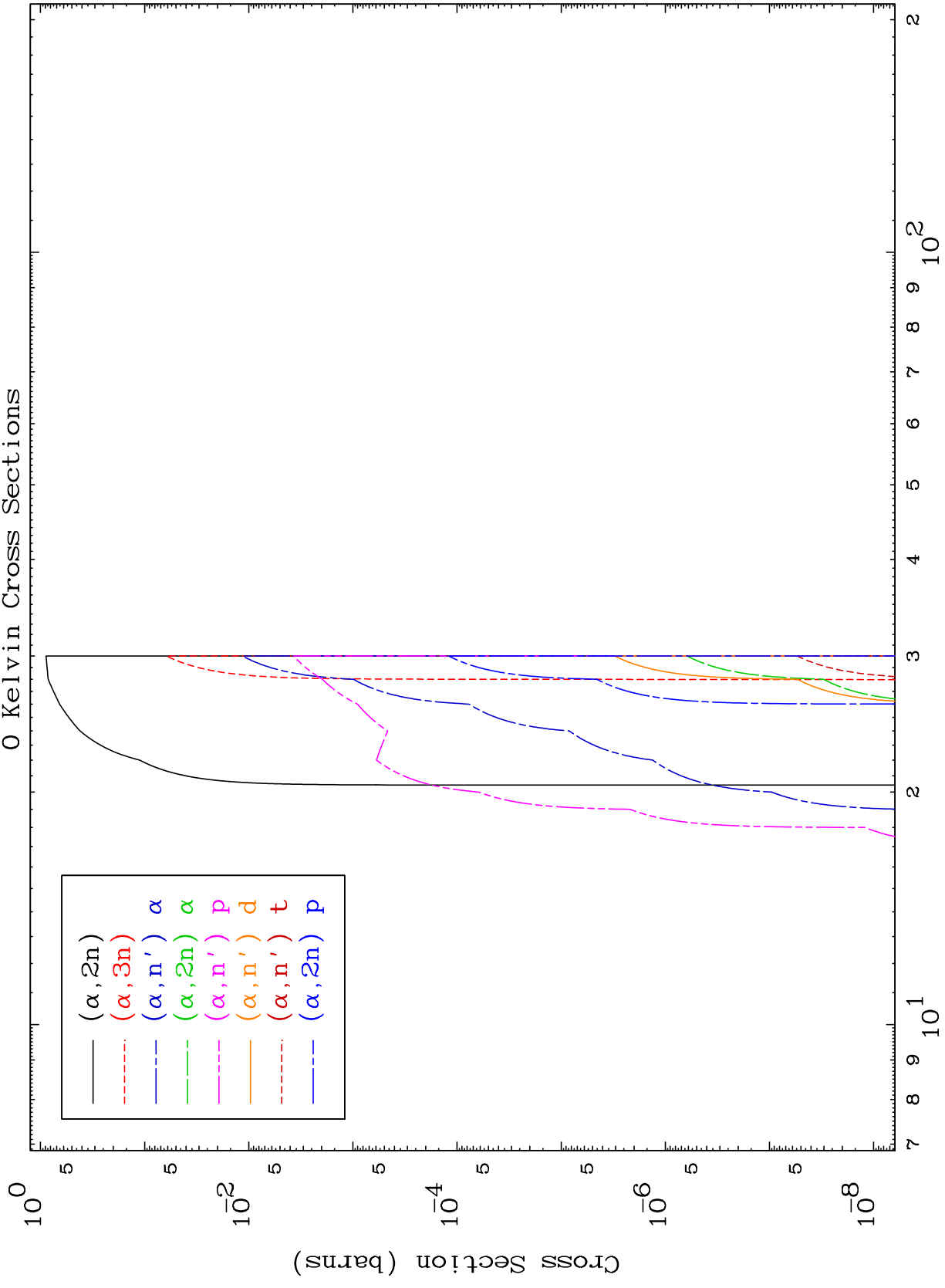
Incident Energy (MeV)

81-T1-200

MAT 8116

α Neutron Production
0 Kelvin Cross Sections

81-T1-200



2

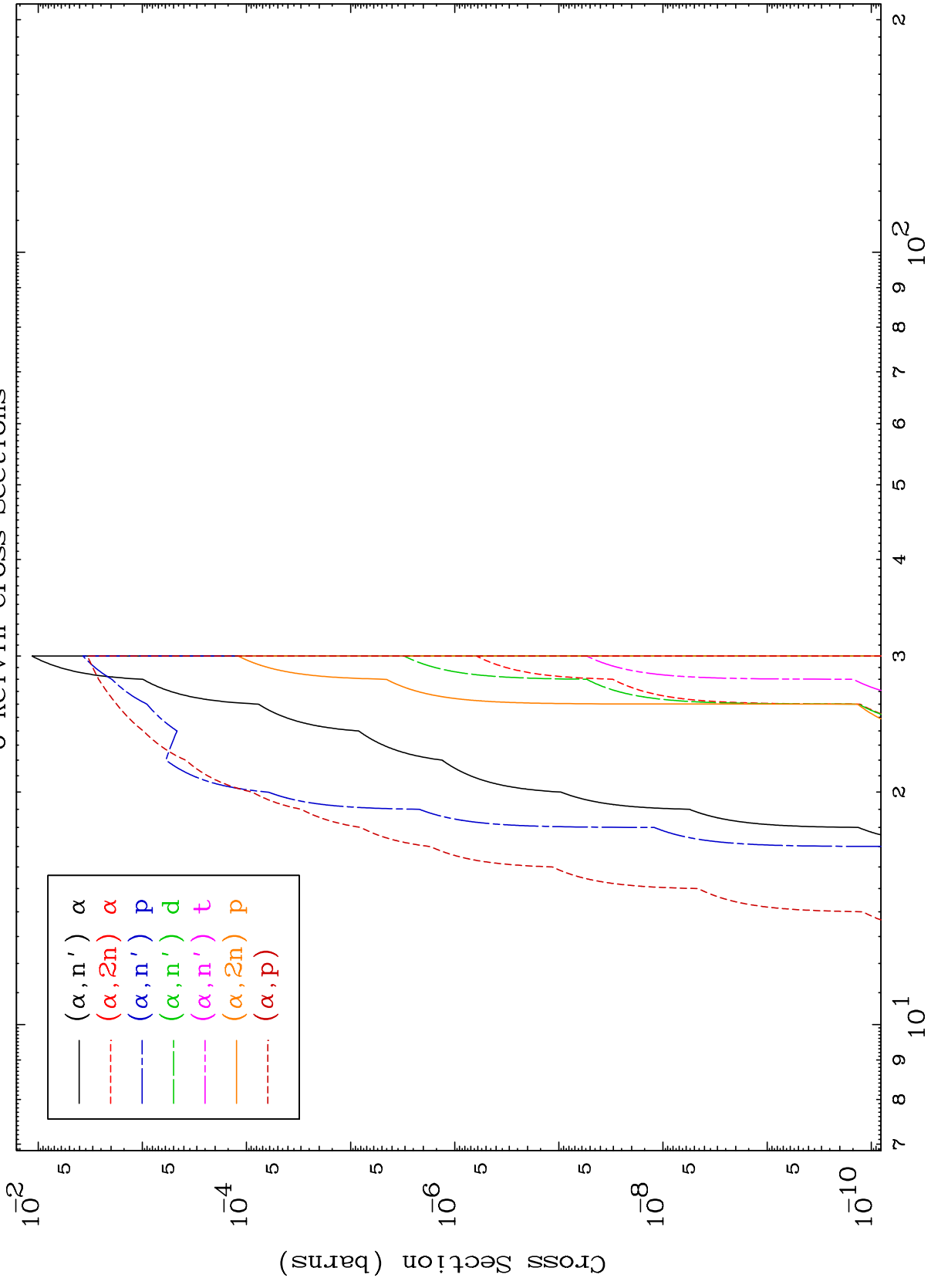
Incident Energy (MeV)

81-T1-200

MAT 81116

α Charged Particle
0 Kelvin Cross Sections

81-Tl-200



3

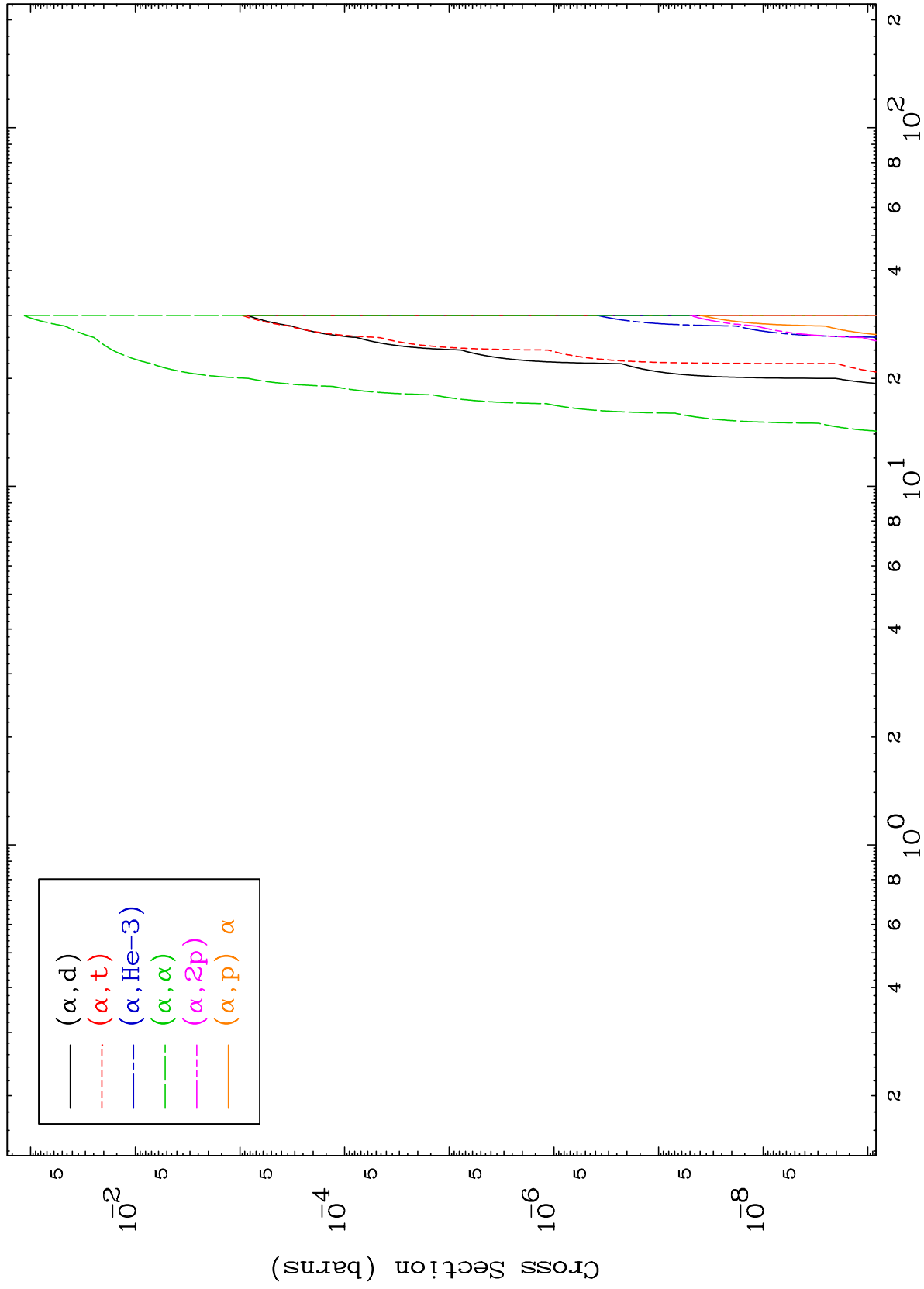
Incident Energy (MeV)

81-Tl-200

MAT 8116

α Charged Particle
0 Kelvin Cross Sections

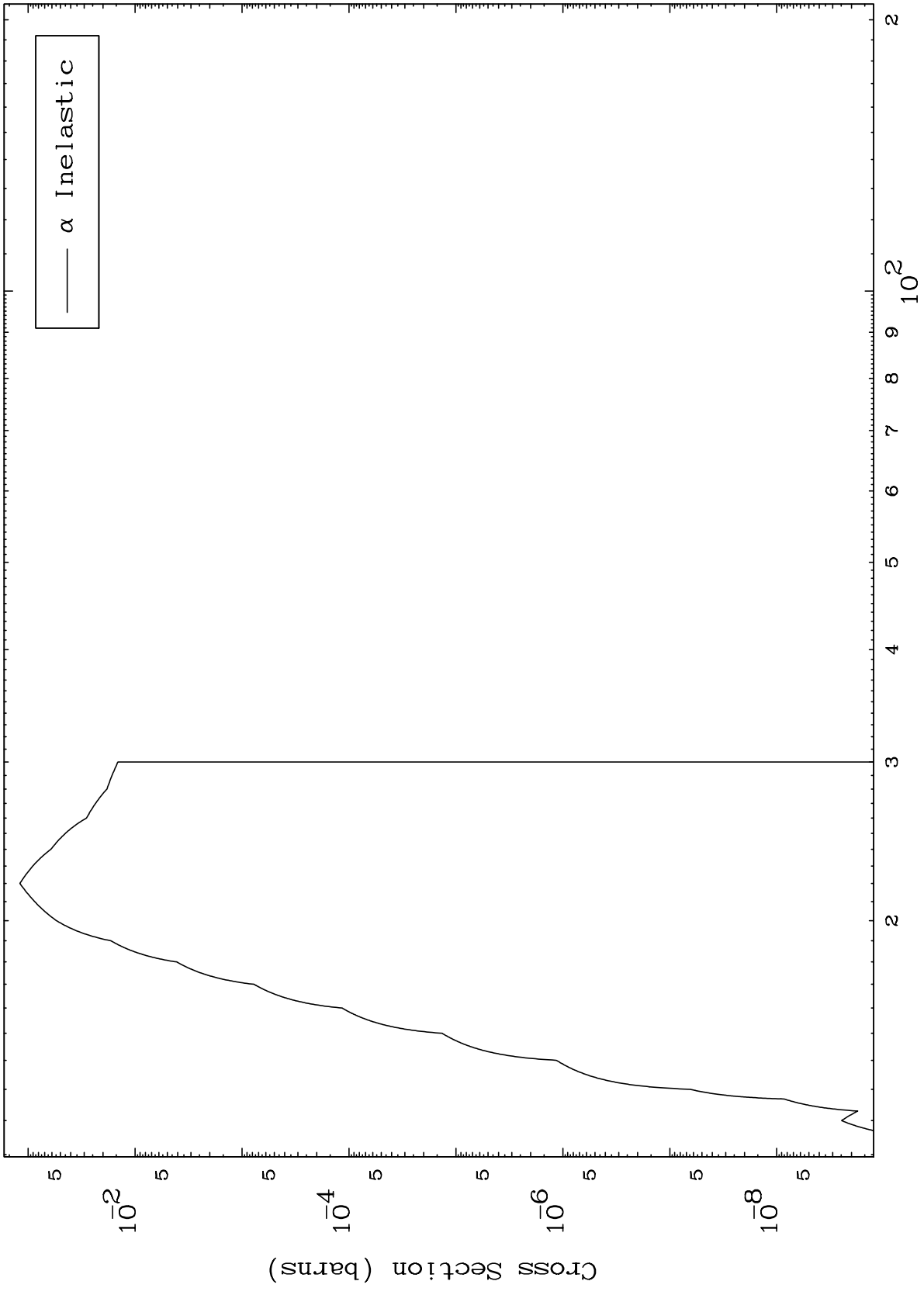
81-Tl-200



MAT 81116

(α, n') Level
0 Kelvin Cross Sections

81-T1-200



5

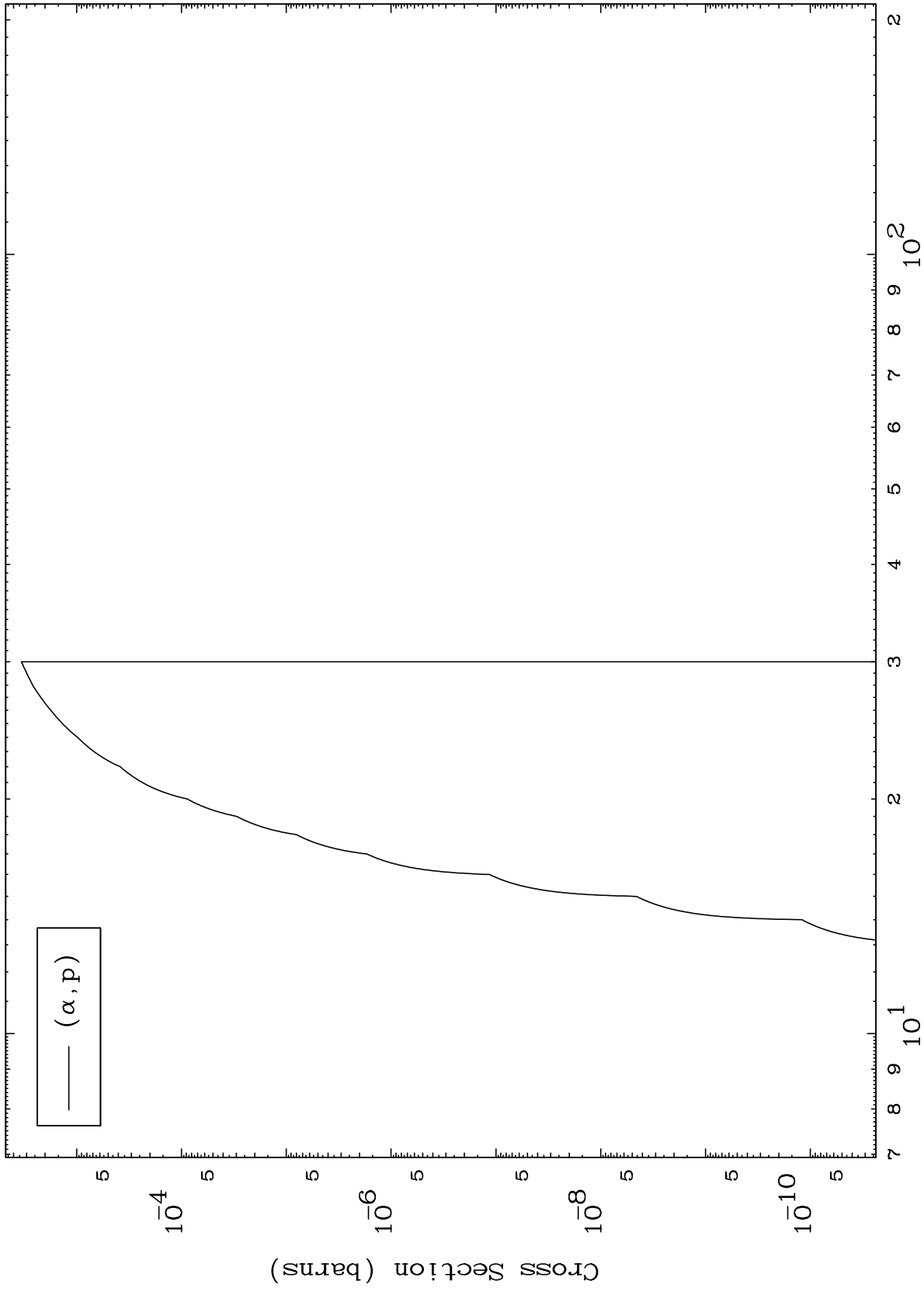
Incident Energy (MeV)

81-T1-200

MAT 81116

(α, p) Levels
0 Kelvin Cross Sections

81-T1-200



6

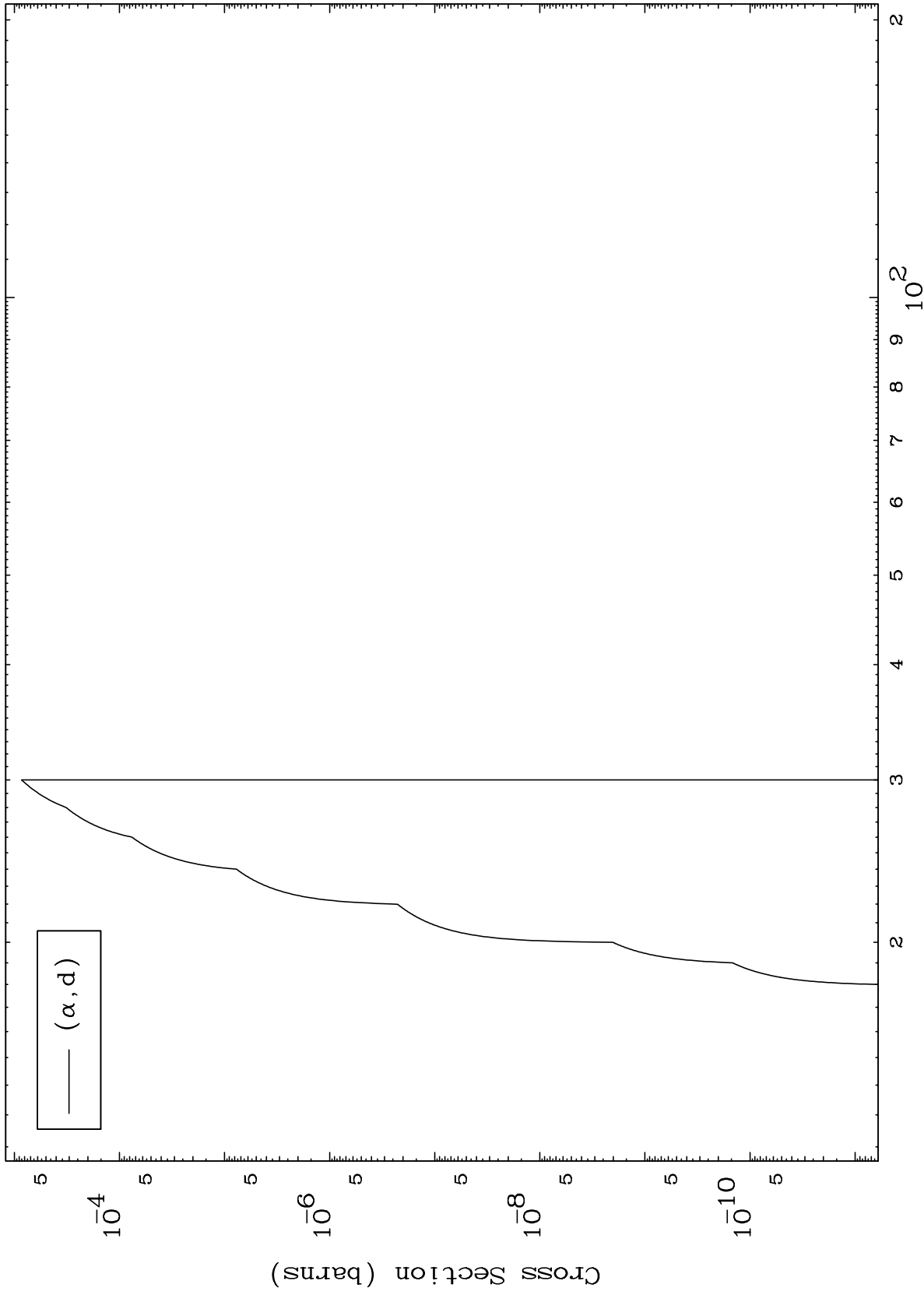
Incident Energy (MeV)

81-T1-200

MAT 81116

(α, d) Levels
0 Kelvin Cross Sections

81-T1-200



7

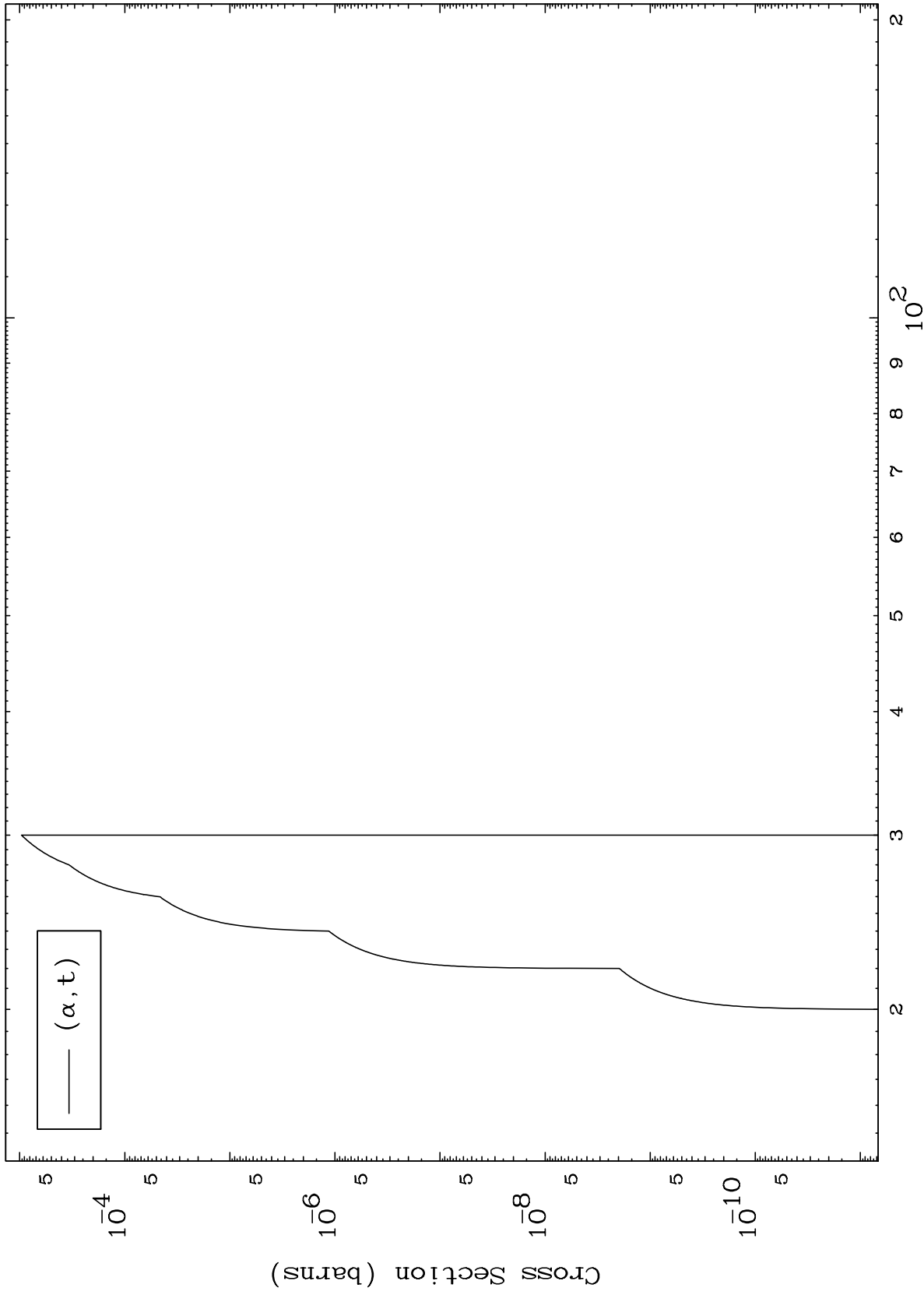
Incident Energy (MeV)

81-T1-200

MAT 81116

(α, t) Levels
0 Kelvin Cross Sections

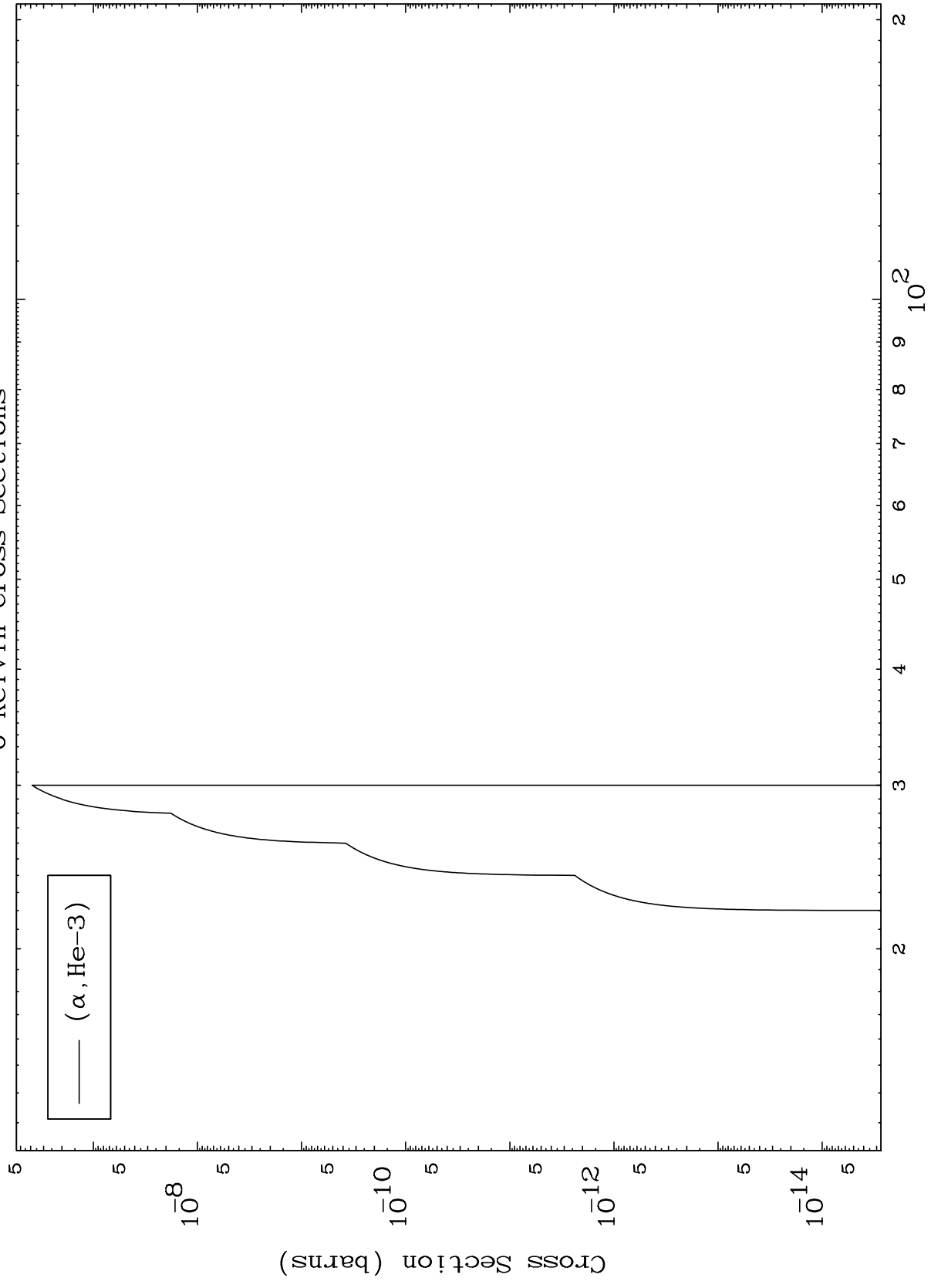
81-T1-200



MAT 8116

(α ,He3) Levels
0 Kelvin Cross Sections

81-T1-200



9

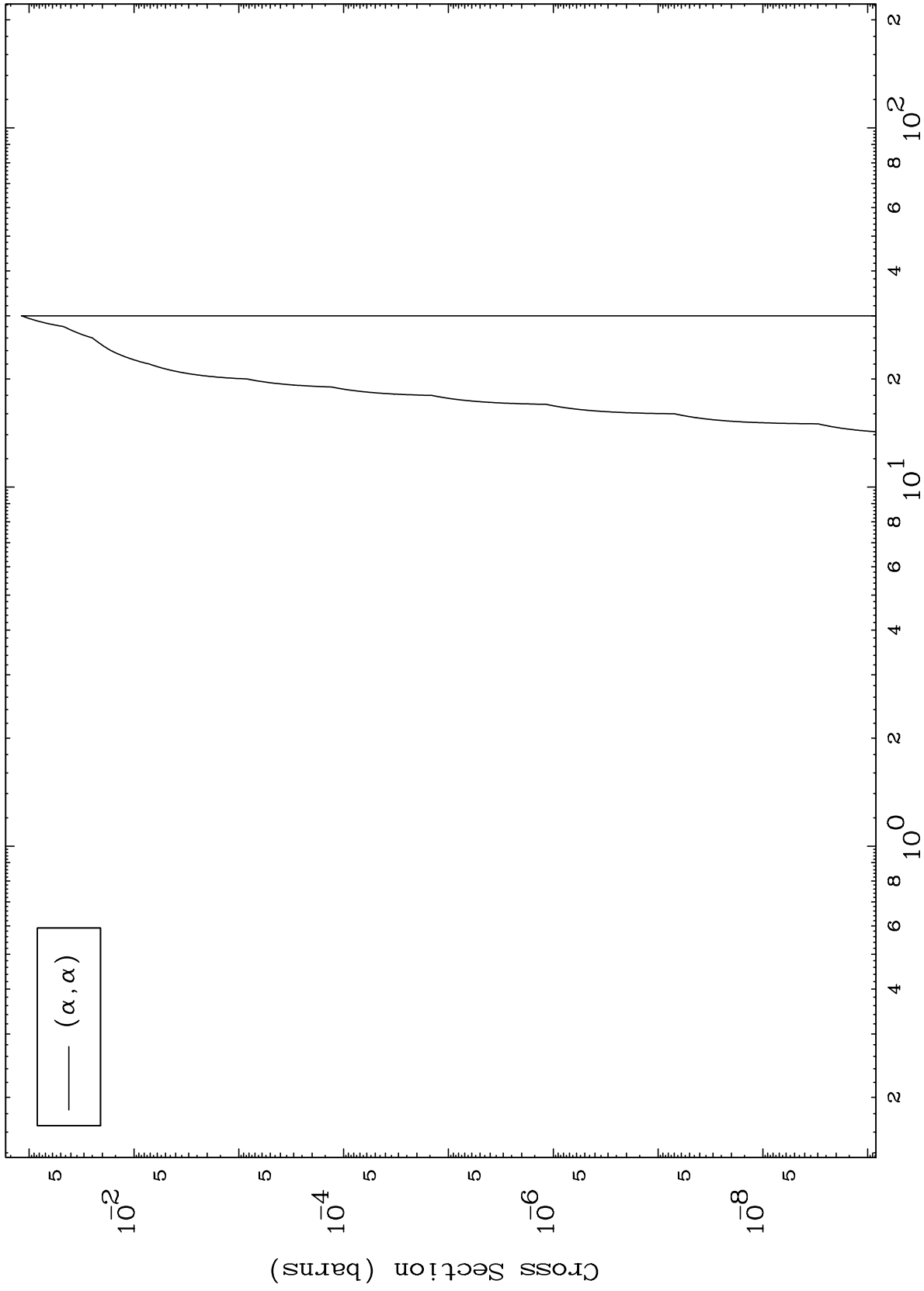
Incident Energy (MeV)

81-T1-200

MAT 8116

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-200



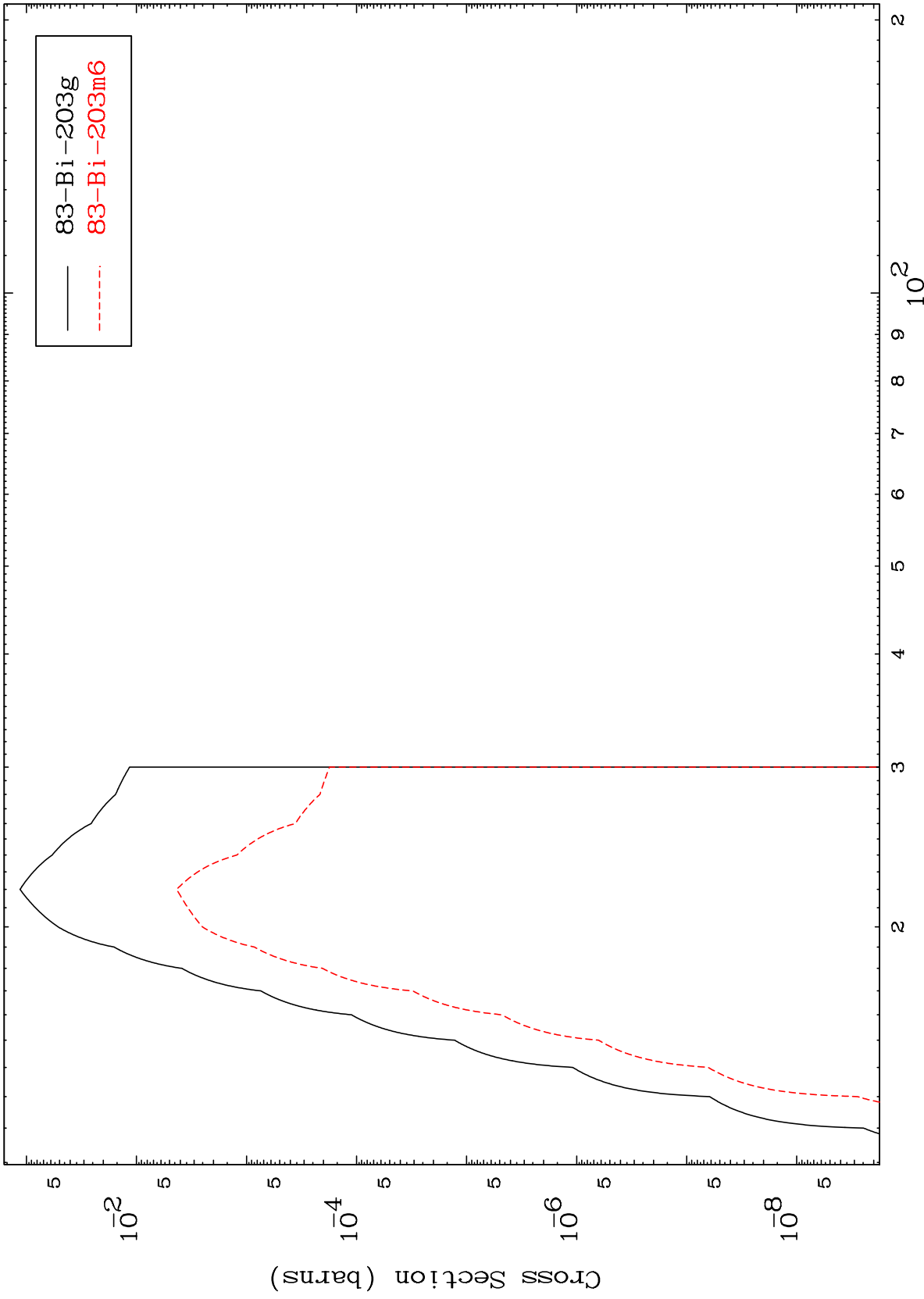
10

Incident Energy (MeV)

81-Tl-200

Radionuclide Production Cross Section

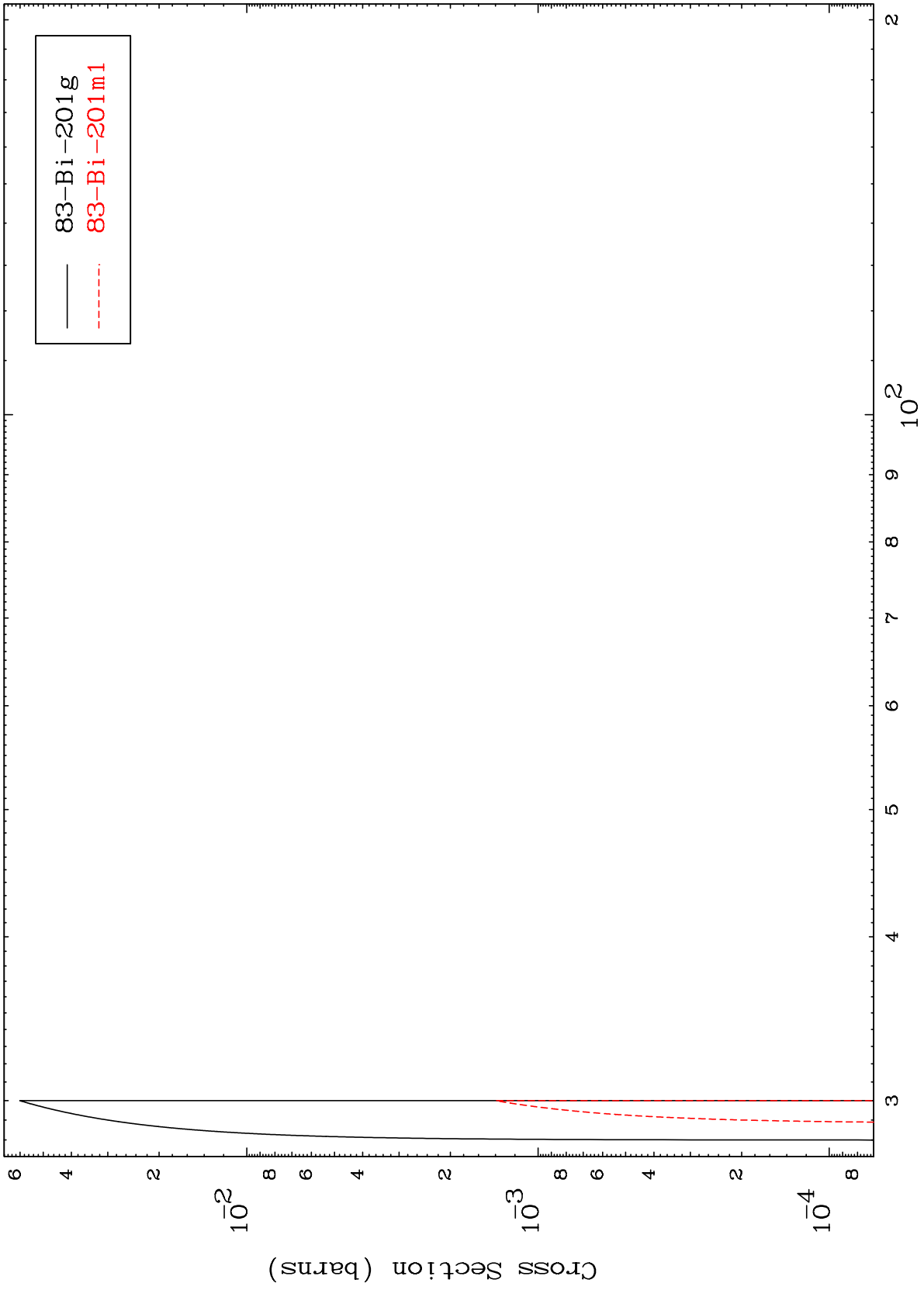
α Inelastic



MAT 8116

81-Tl-200

($\alpha, 3n$)
Radionuclide Production Cross Section



12

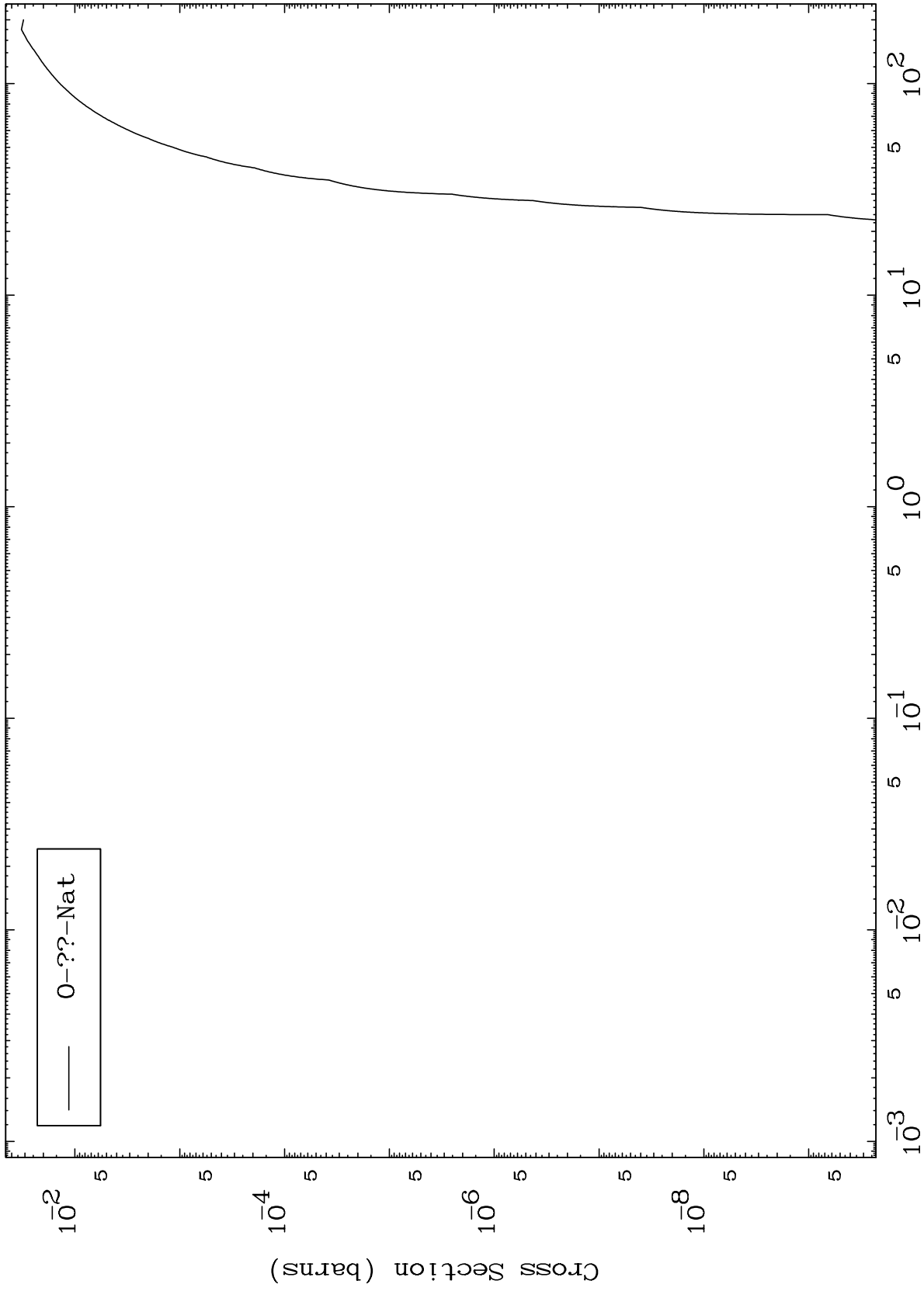
81-Tl-200

Incident Energy (MeV)

MAT 8116

81-Tl-200

α Fission
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-200

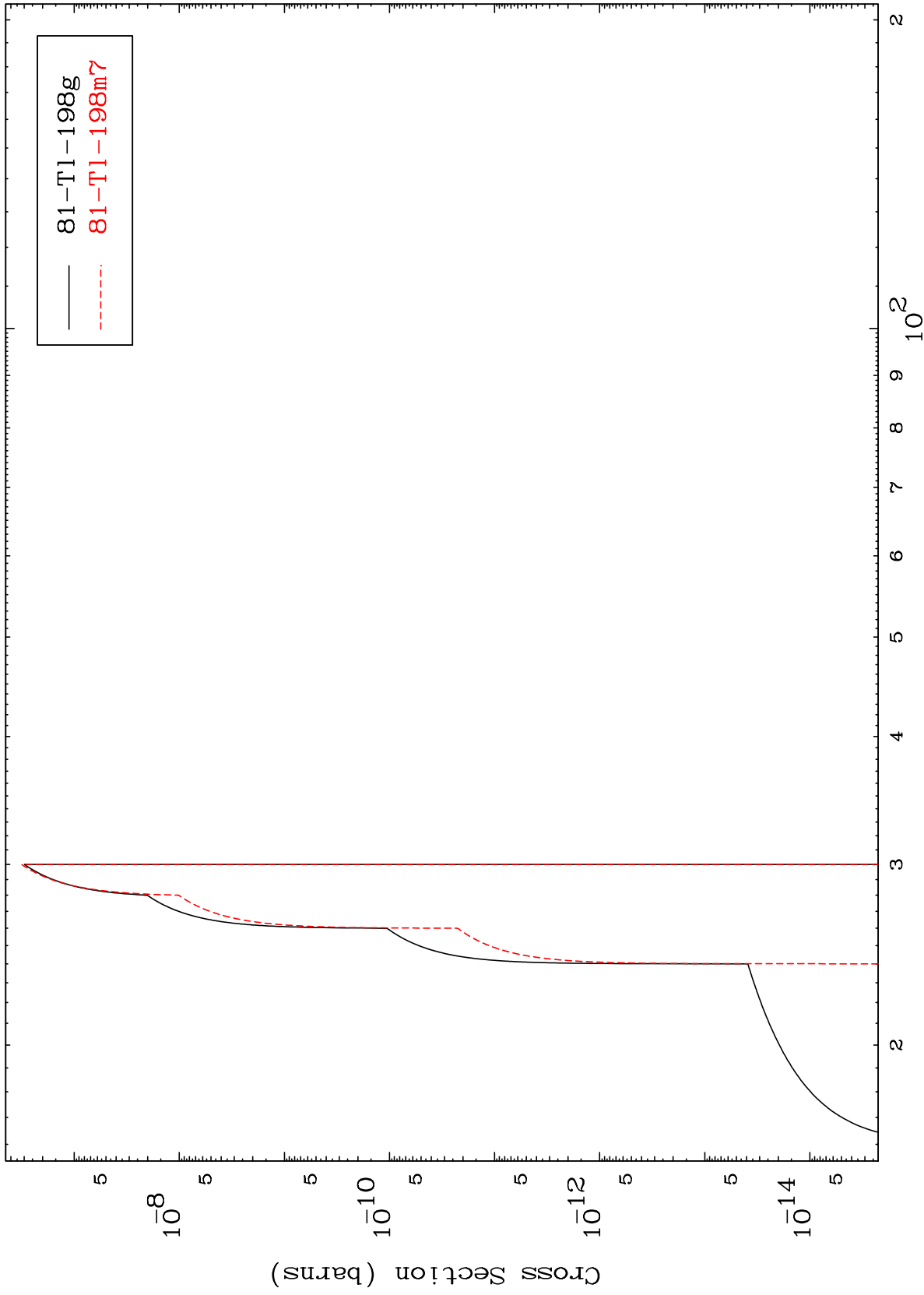
13

MAT 8116

($\alpha, 2n$) α

81-Tl-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

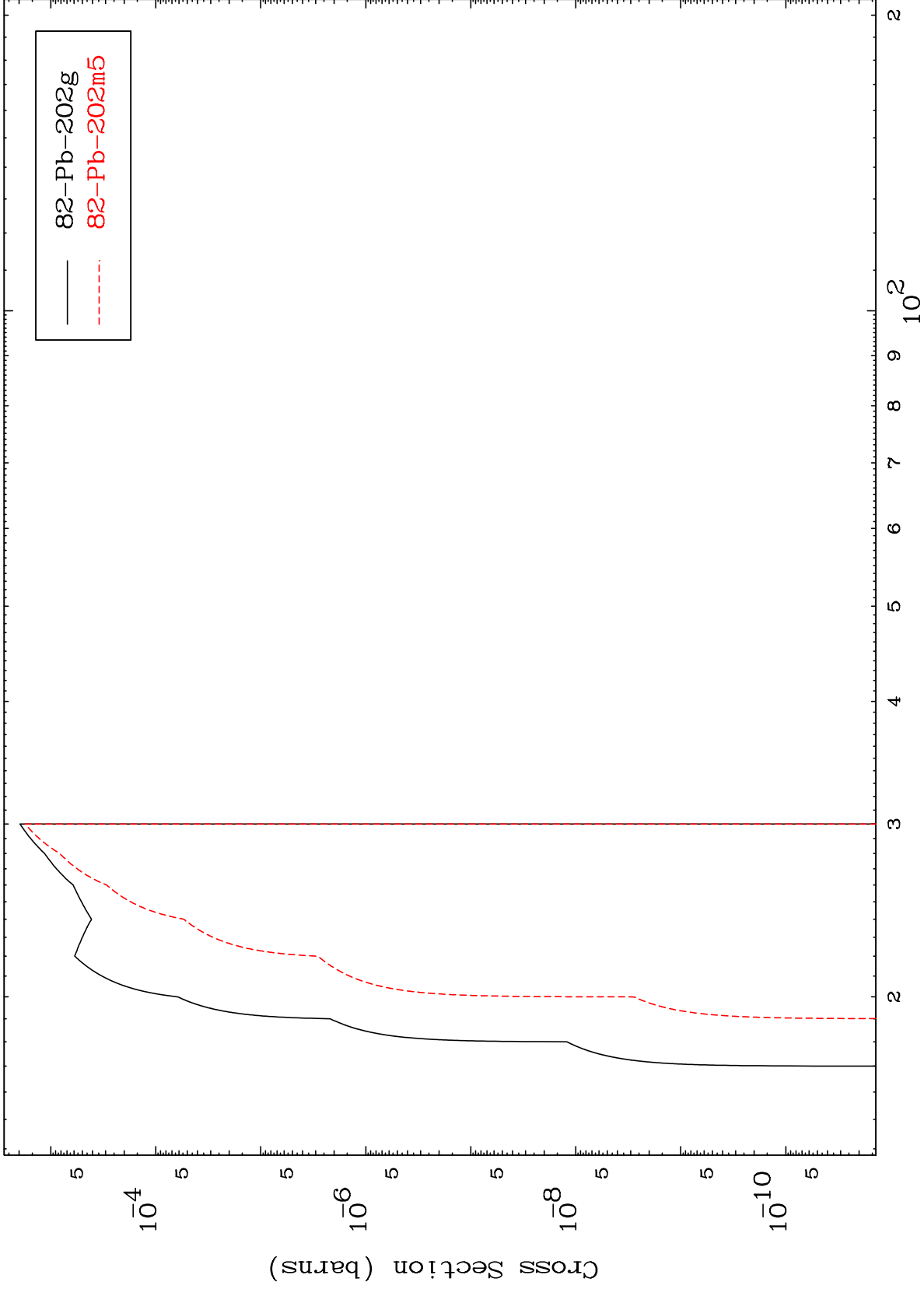
81-Tl-200

MAT 8116

(α, n') p

81-Tl-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

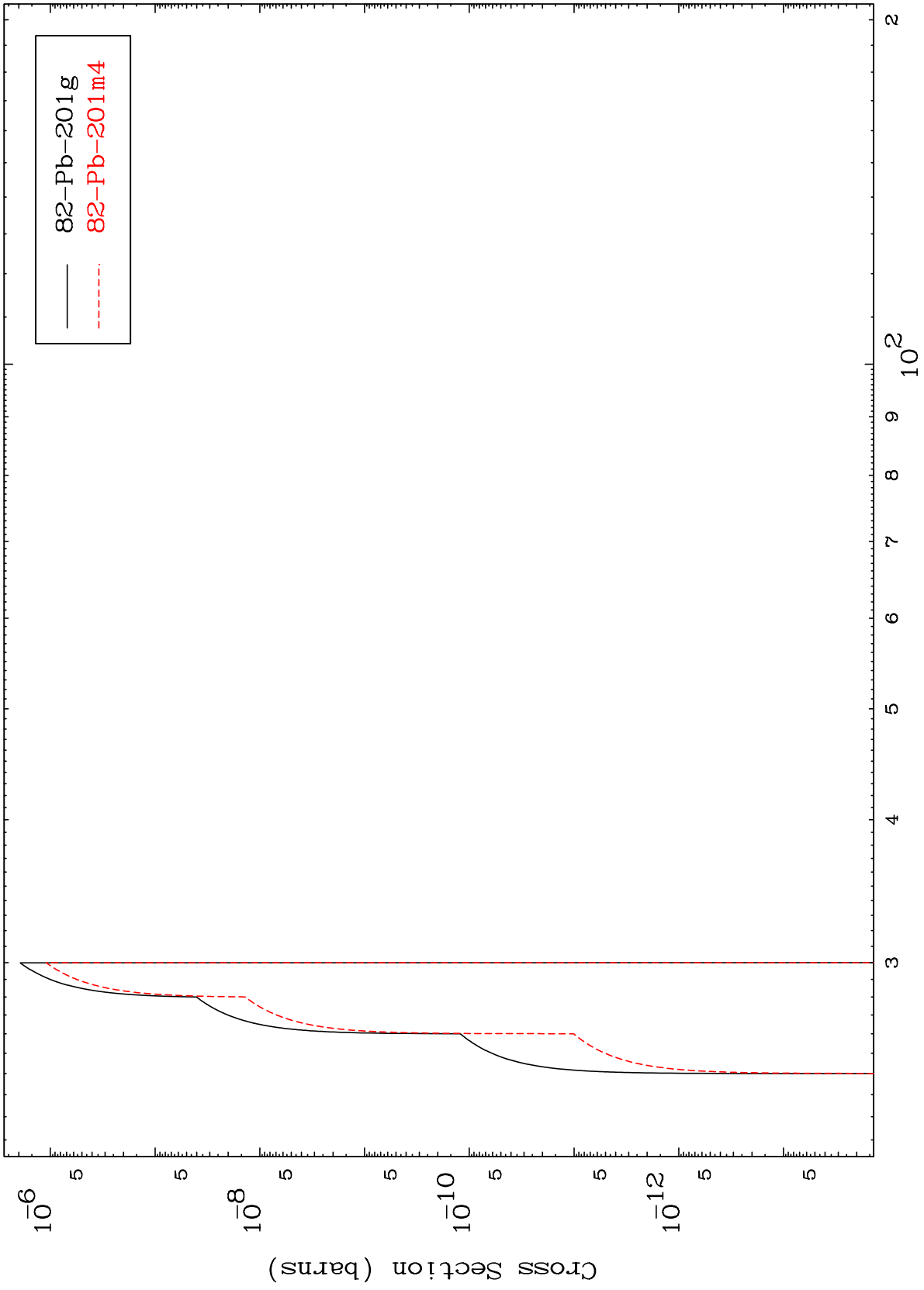
81-Tl-200

MAT 8116

(α, n') d

81-Tl-200

Radionuclide Production Cross Section



16

Incident Energy (MeV)

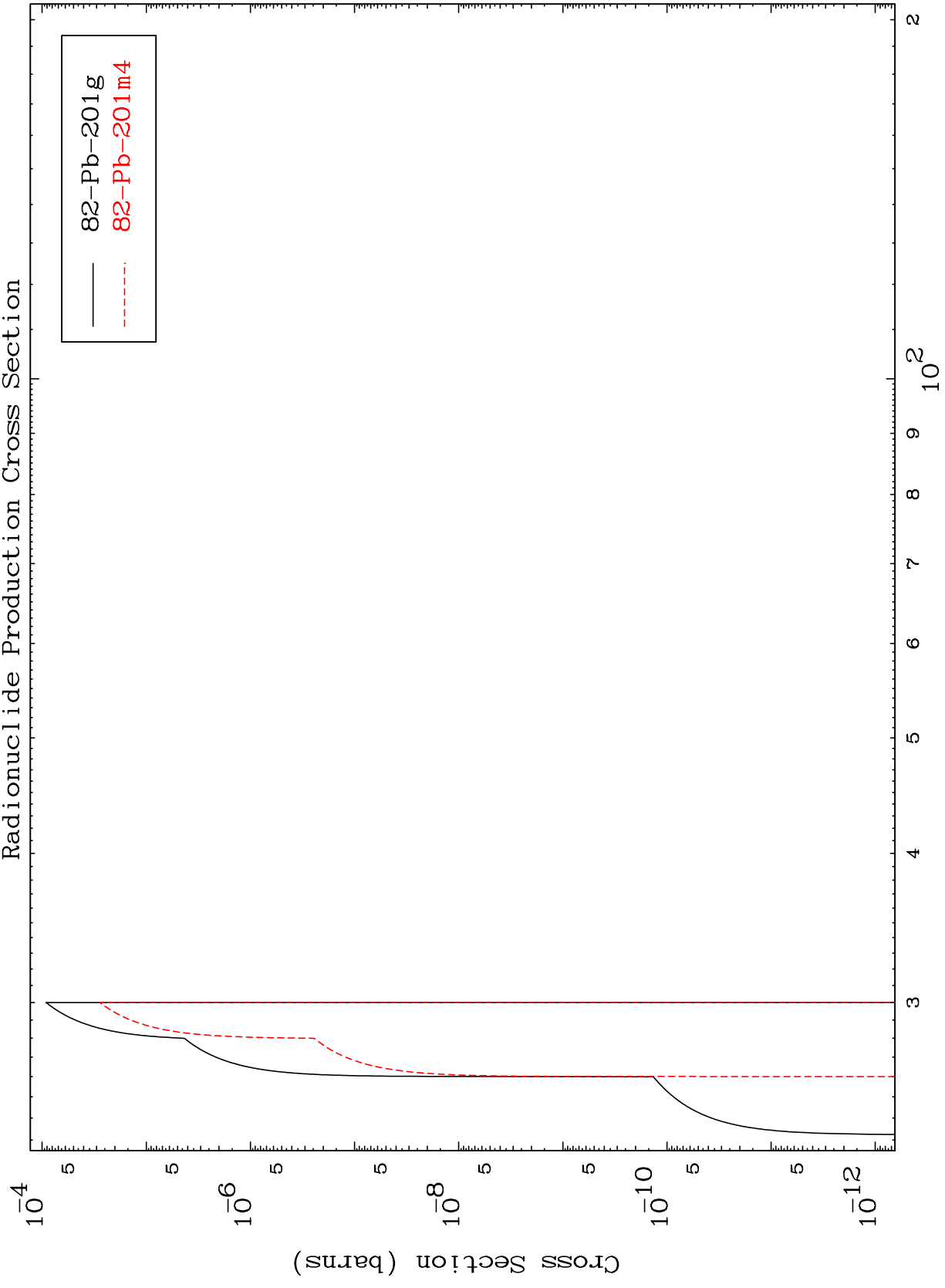
81-Tl-200

MAT 8116

($\alpha, 2n$) p

81-Tl-200

Radionuclide Production Cross Section



17

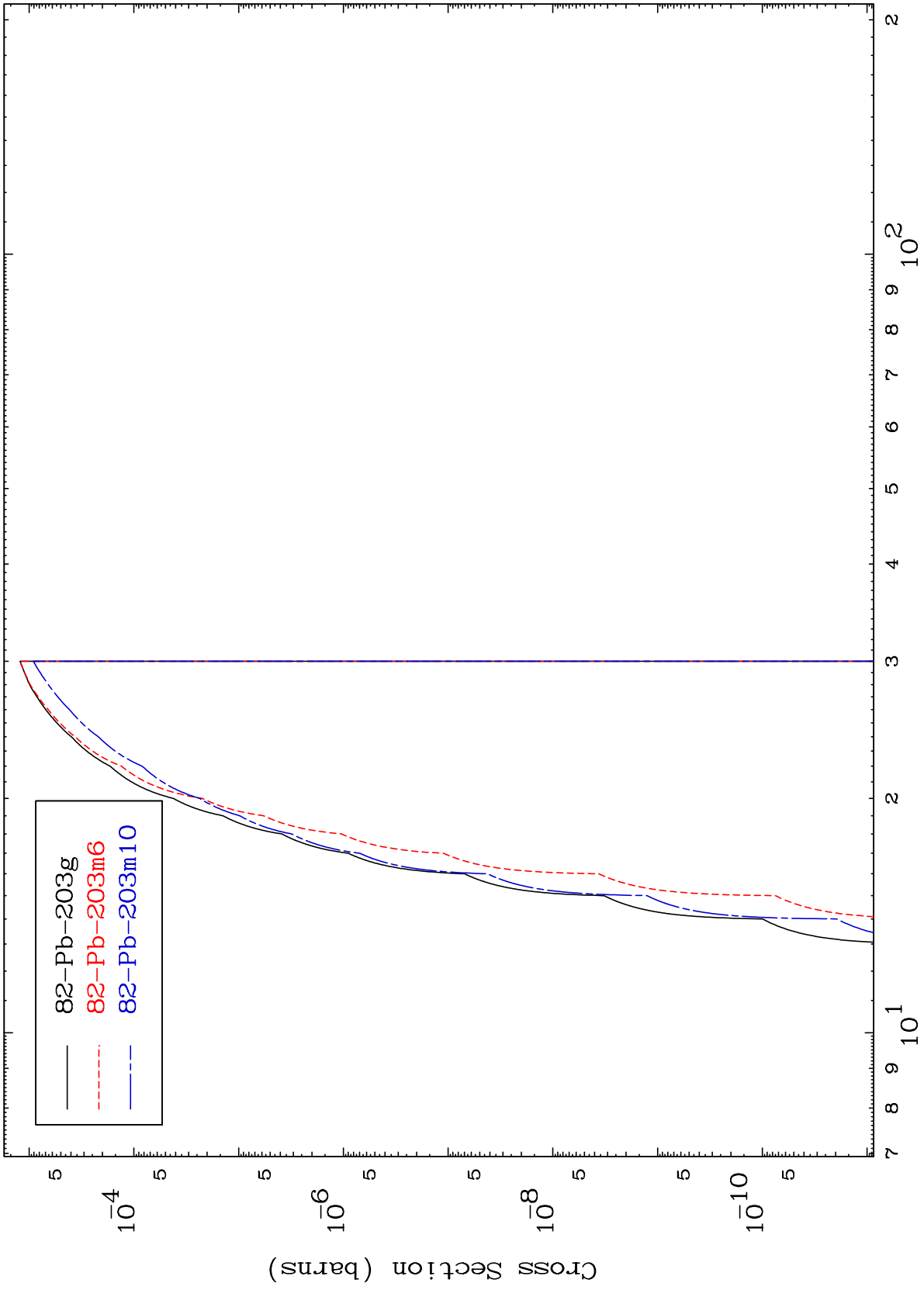
Incident Energy (MeV)

81-Tl-200

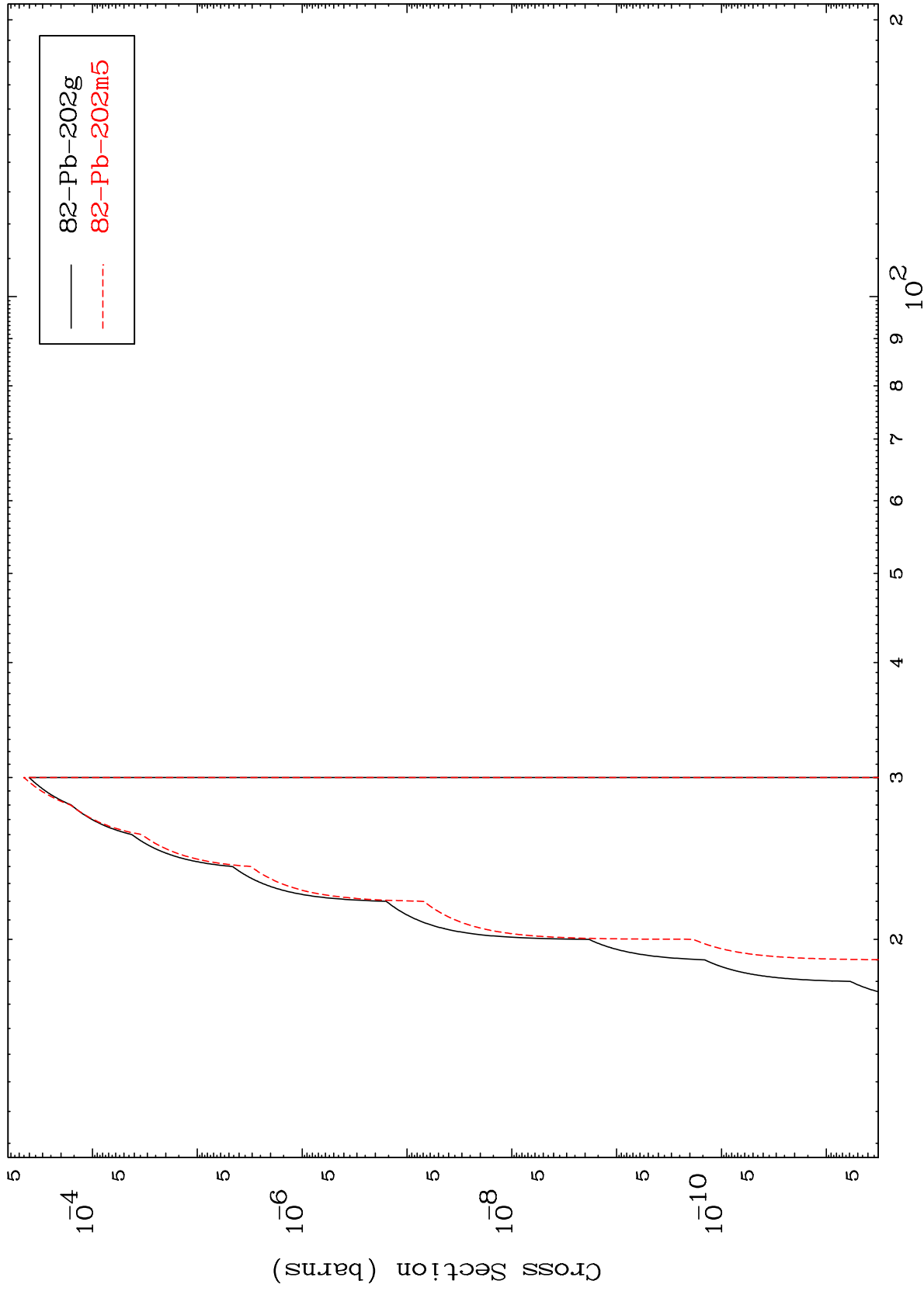
MAT 8116

81-Tl-200

(α, p)
Radionuclide Production Cross Section



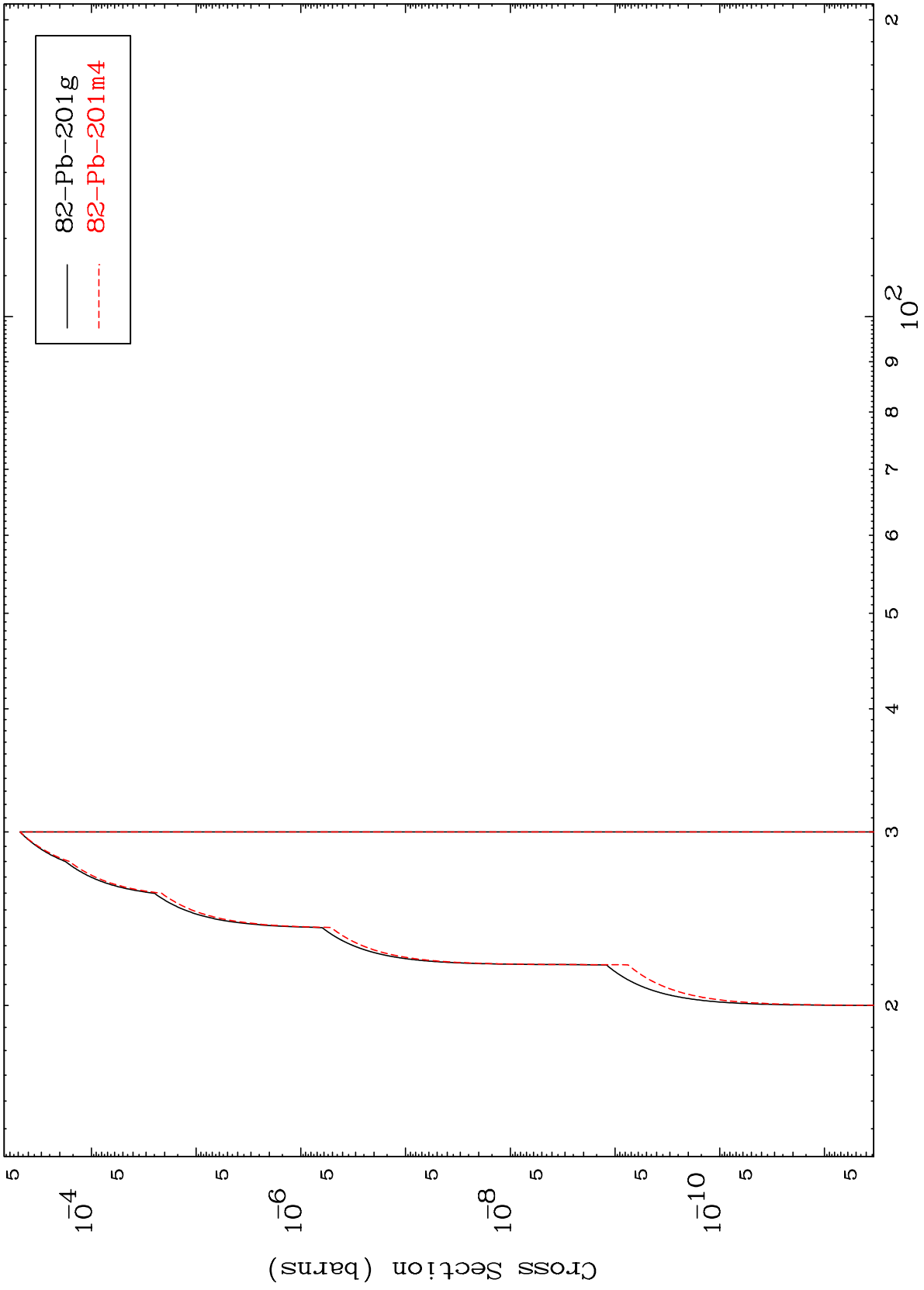
Radionuclide Production Cross Section



MAT 8116

81-T1-200

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

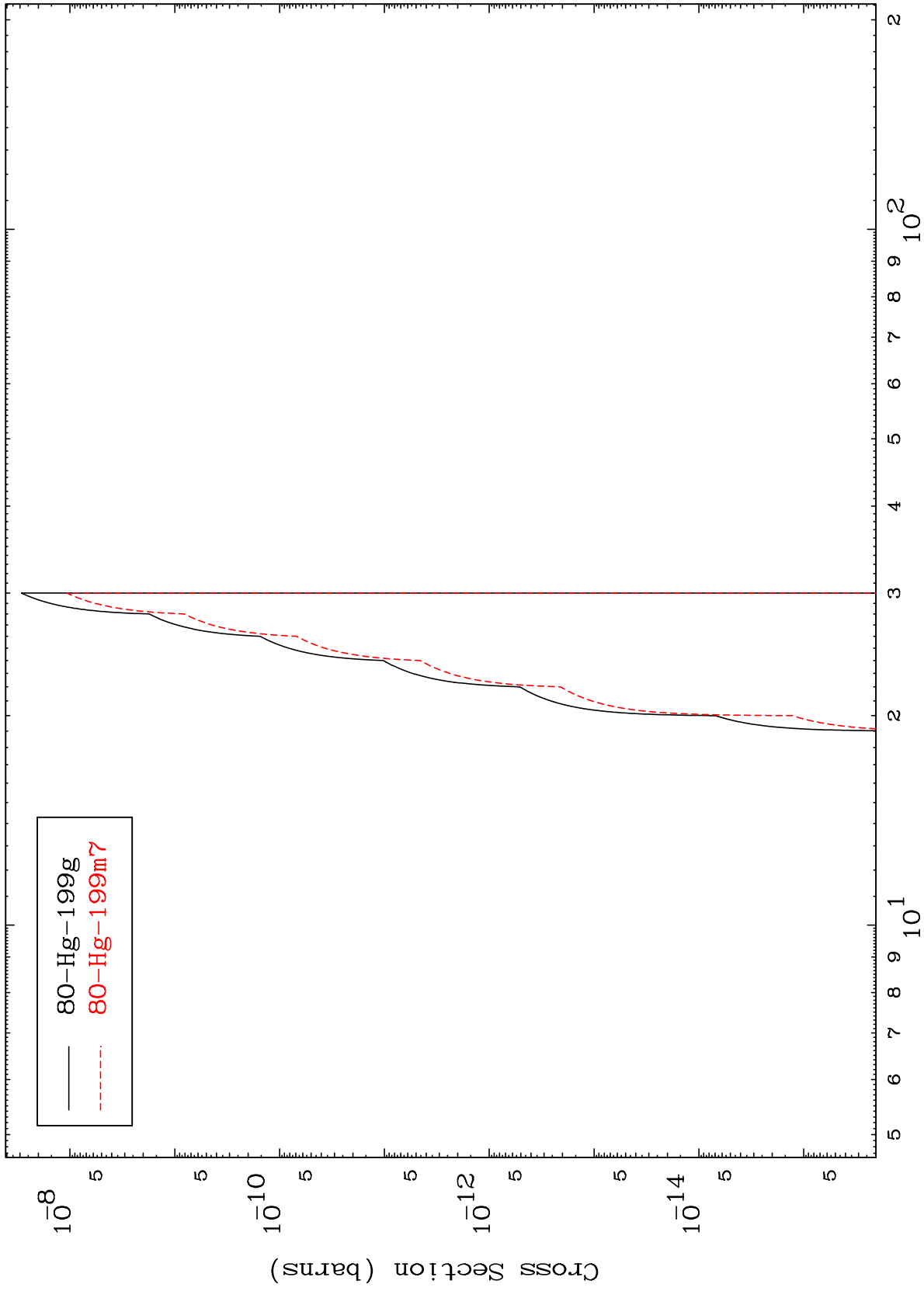
81-T1-200

MAT 8116

(α, p) α

81-Tl-200

Radionuclide Production Cross Section



80-Hg-199g
80-Hg-199m7

21

81-Tl-200