

Program EVALPLOT
(Version 2021-1)

by

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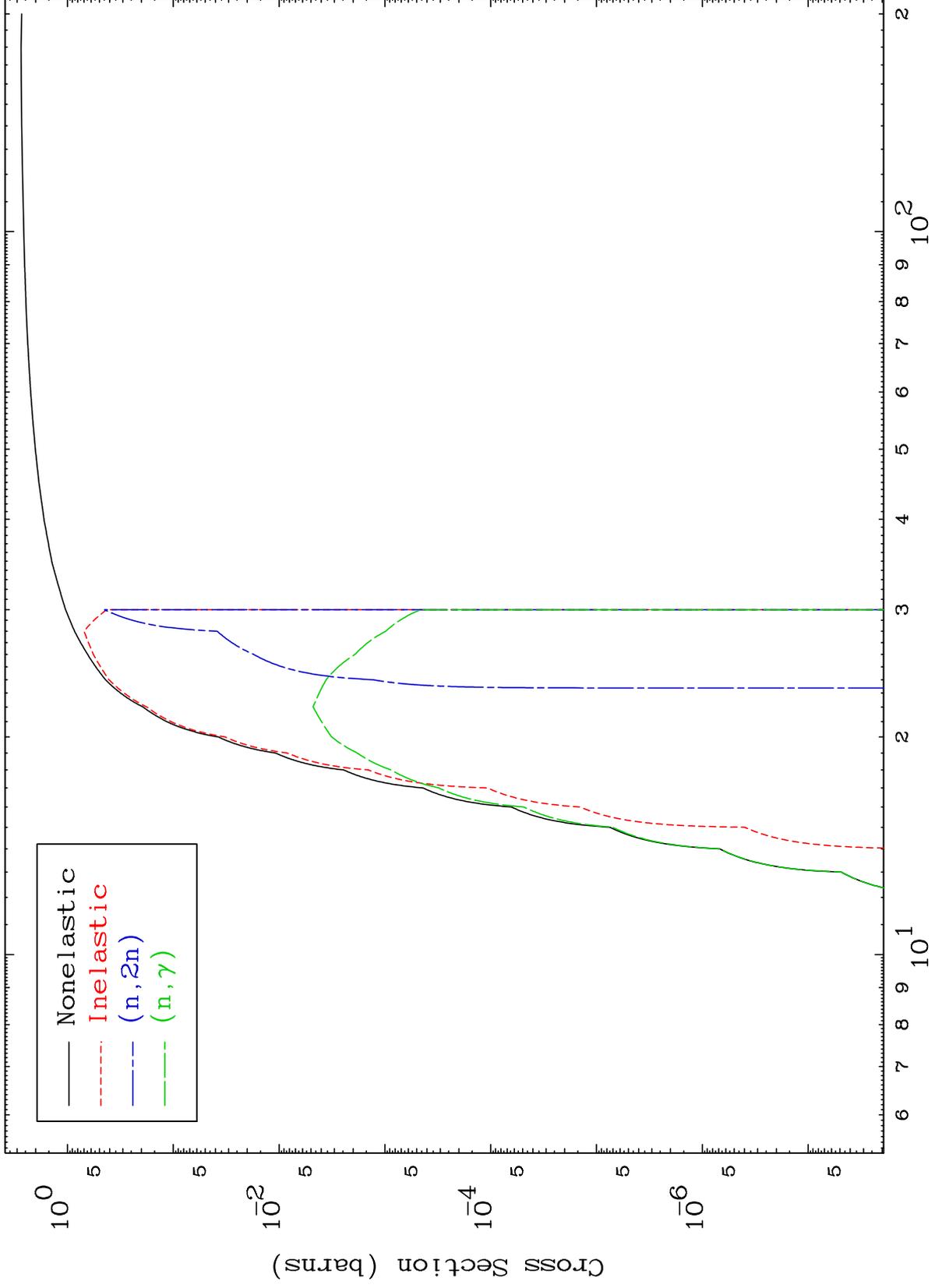
Press Mouse Button to Start

MAT 8205

0 Kelvin Cross Sections

α Major

82-Pb-197m



1

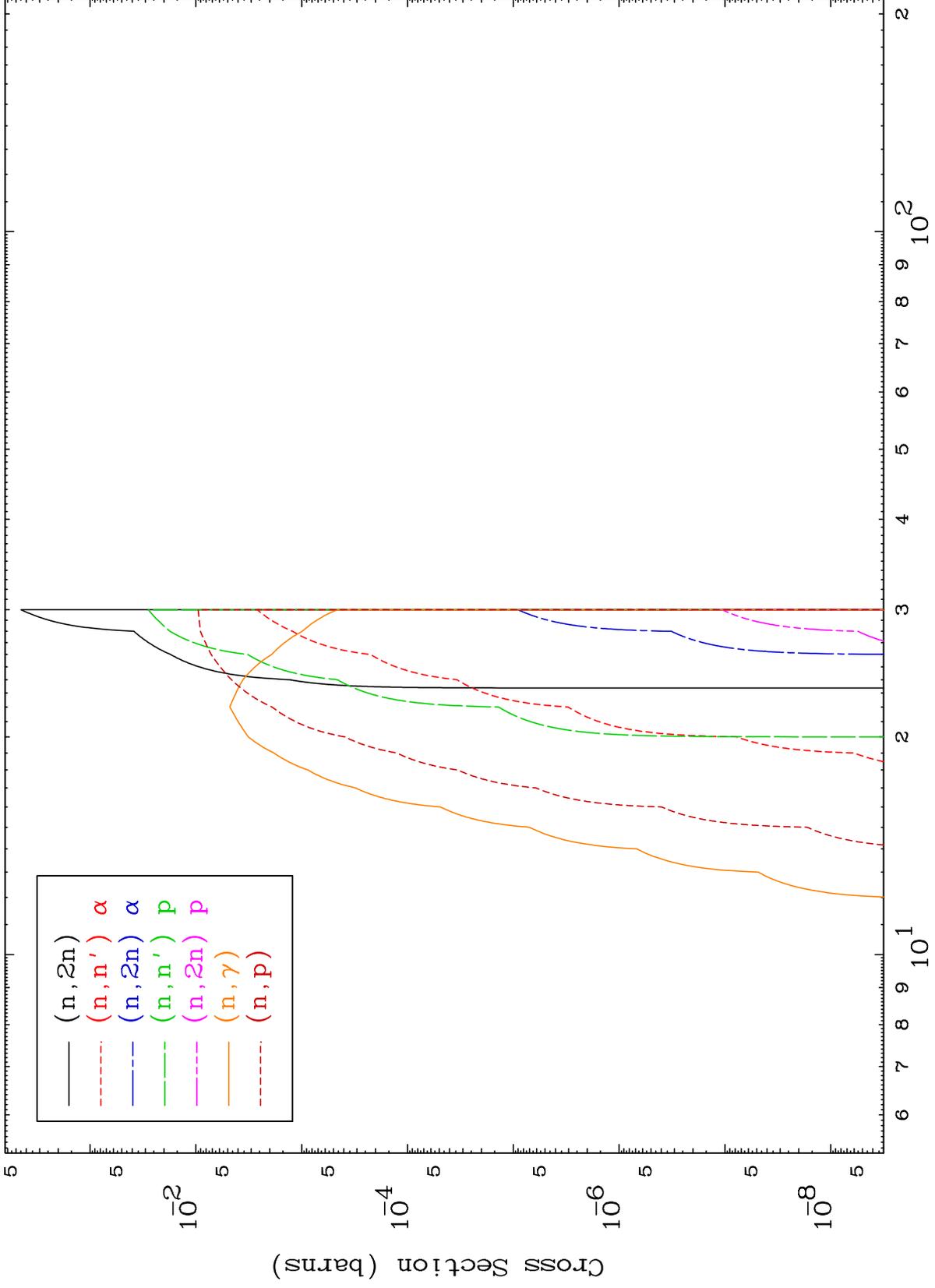
Incident Energy (MeV)

82-Pb-197m

MAT 8205

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-197m



2

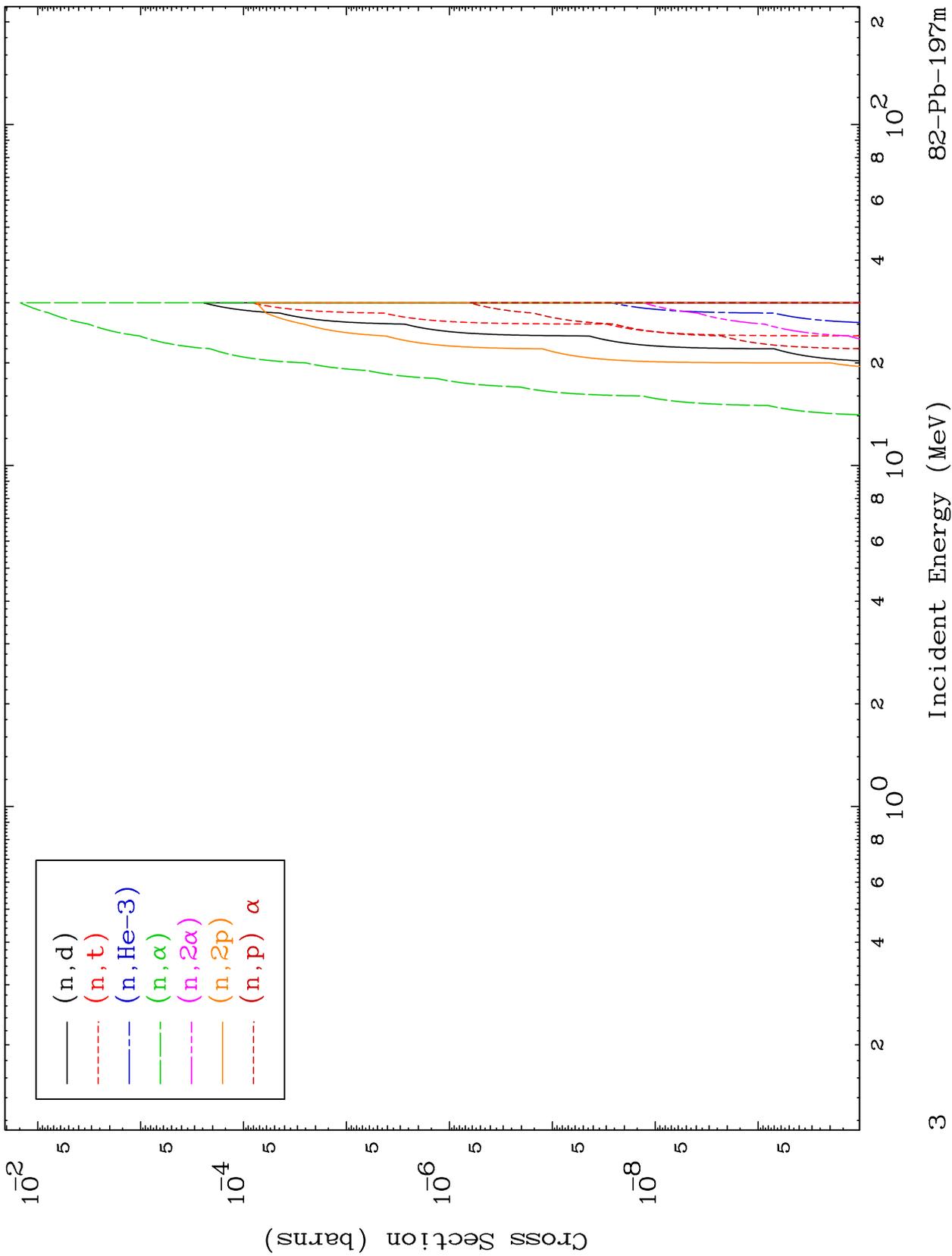
Incident Energy (MeV)

82-Pb-197m

MAT 8205

α Neutron Absorption
0 Kelvin Cross Sections

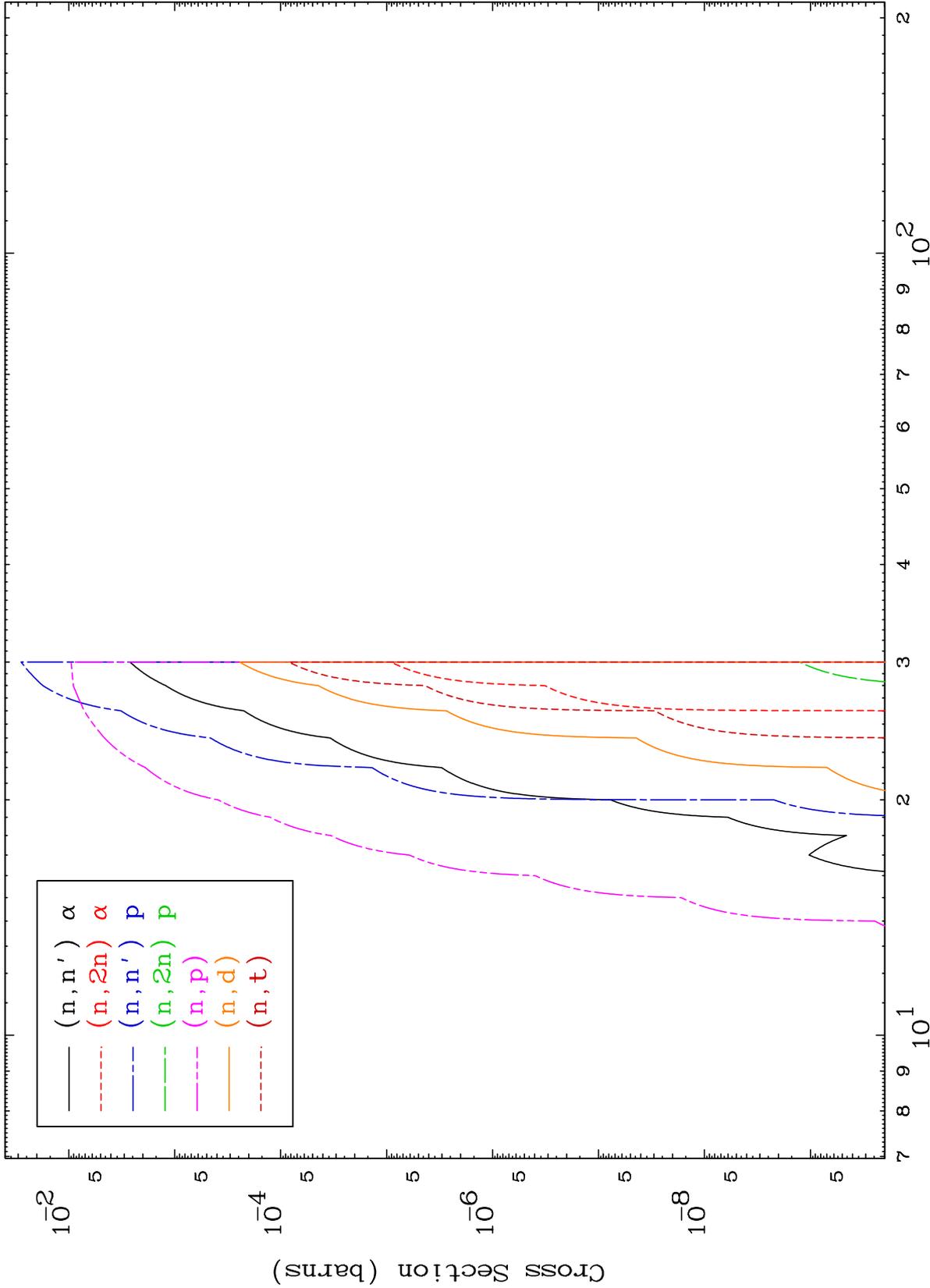
82-Pb-197m



MAT 8205

α Charged Particle
0 Kelvin Cross Sections

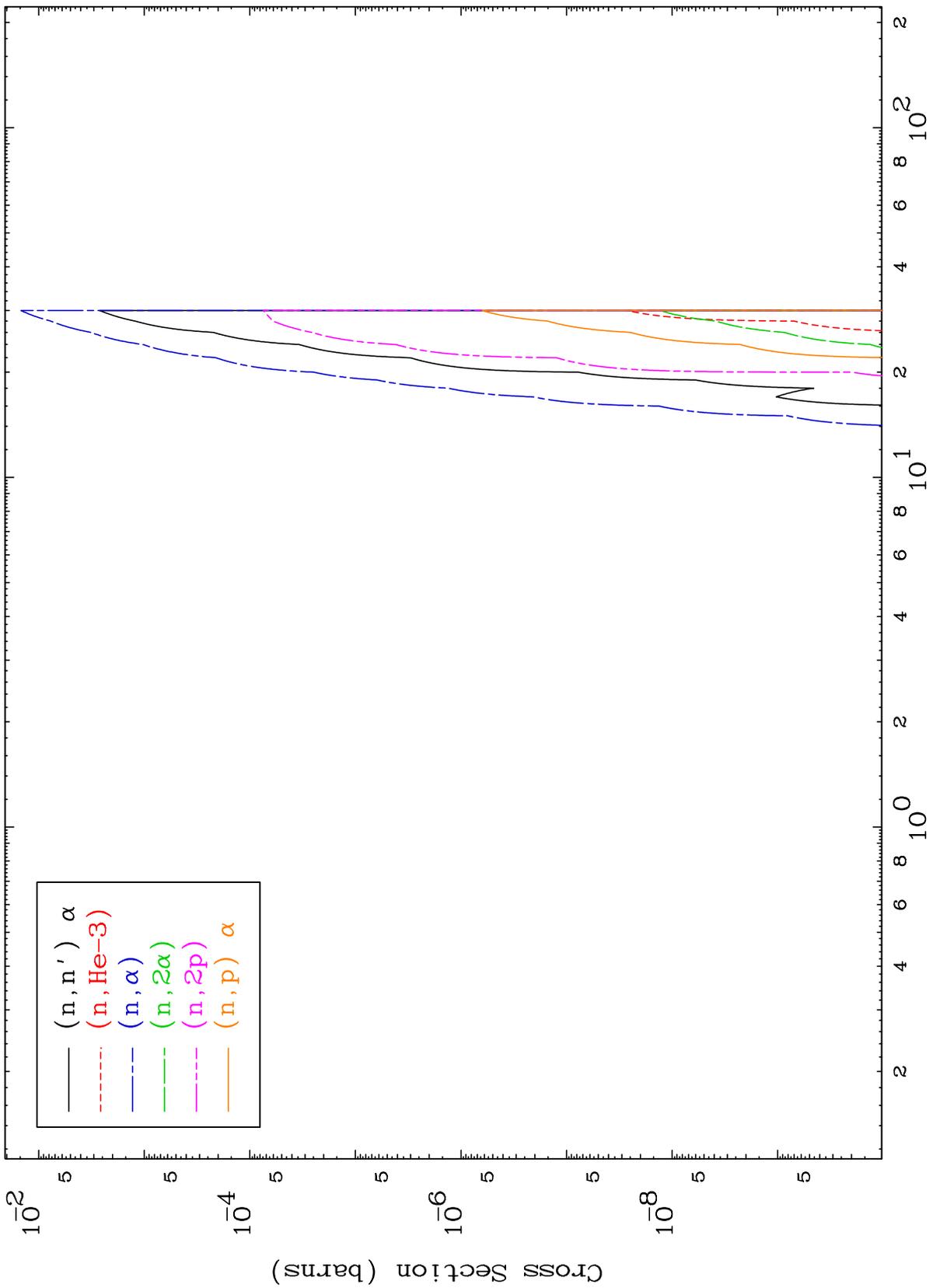
82-Pb-197m



MAT 8205

α Charged Particle
0 Kelvin Cross Sections

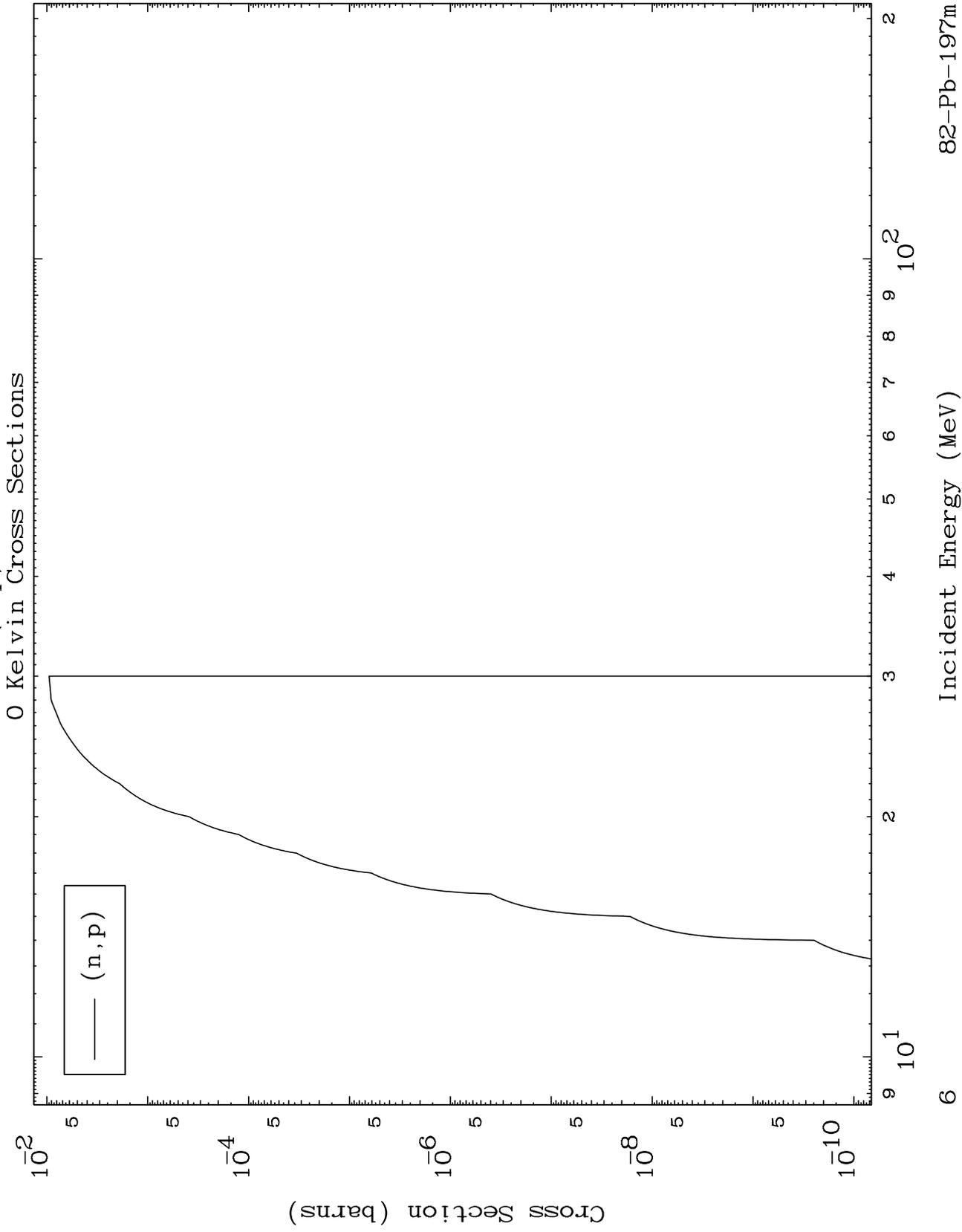
82-Pb-197m



MAT 8205

(α, p) Levels

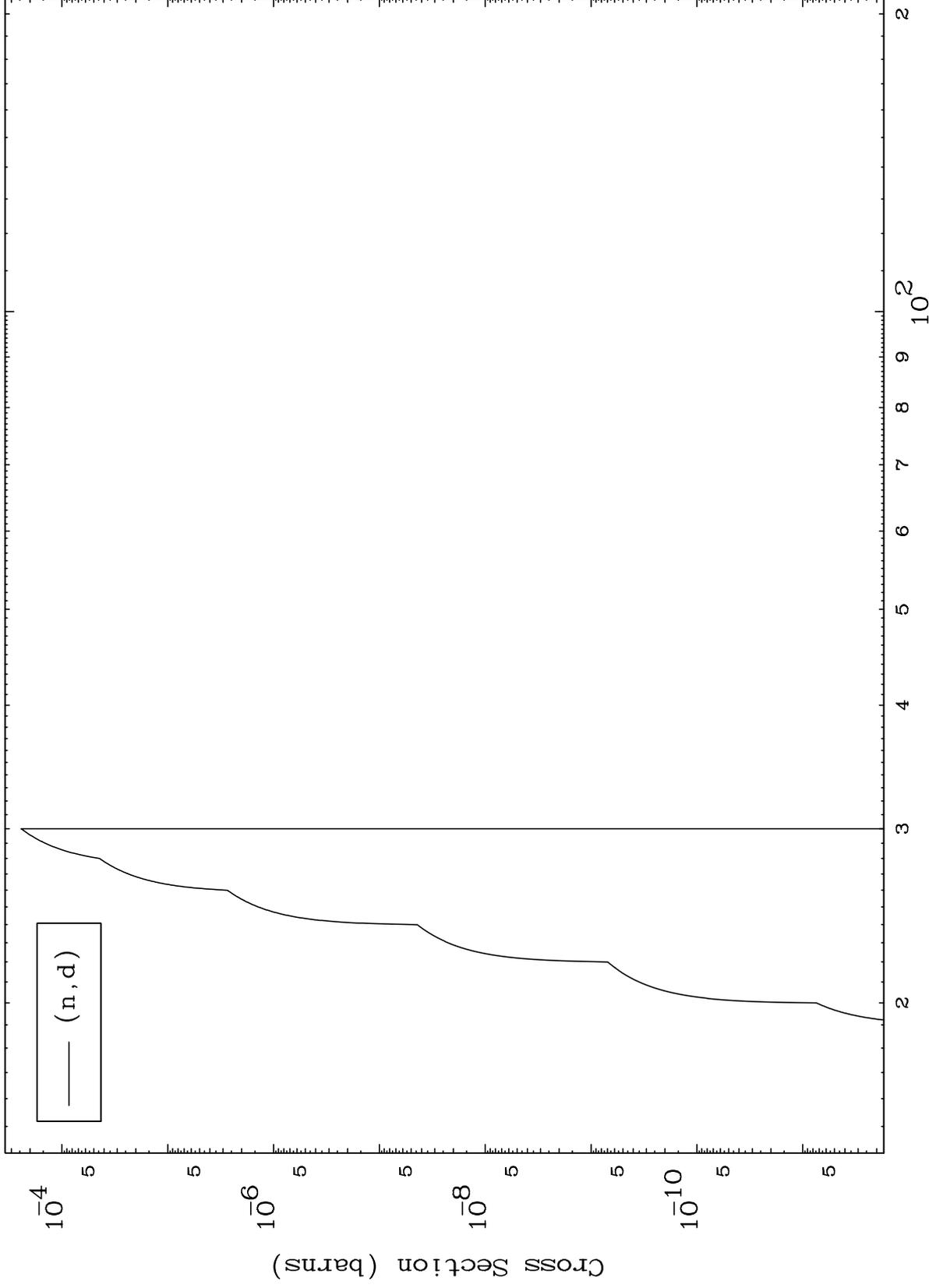
82-Pb-197m



MAT 8205

(α, d) Levels
0 Kelvin Cross Sections

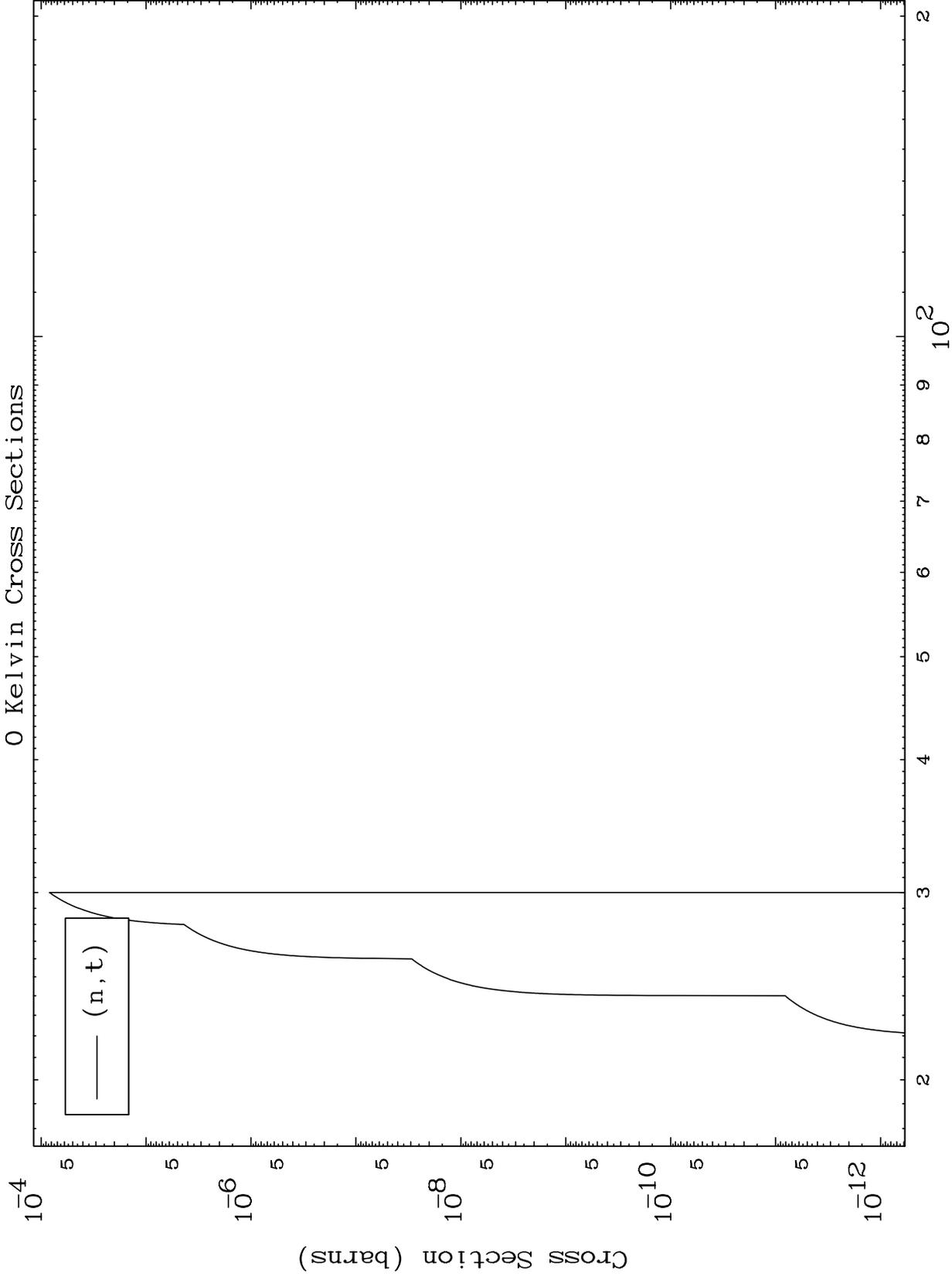
82-Pb-197m



MAT 8205

(α, t) Levels
0 Kelvin Cross Sections

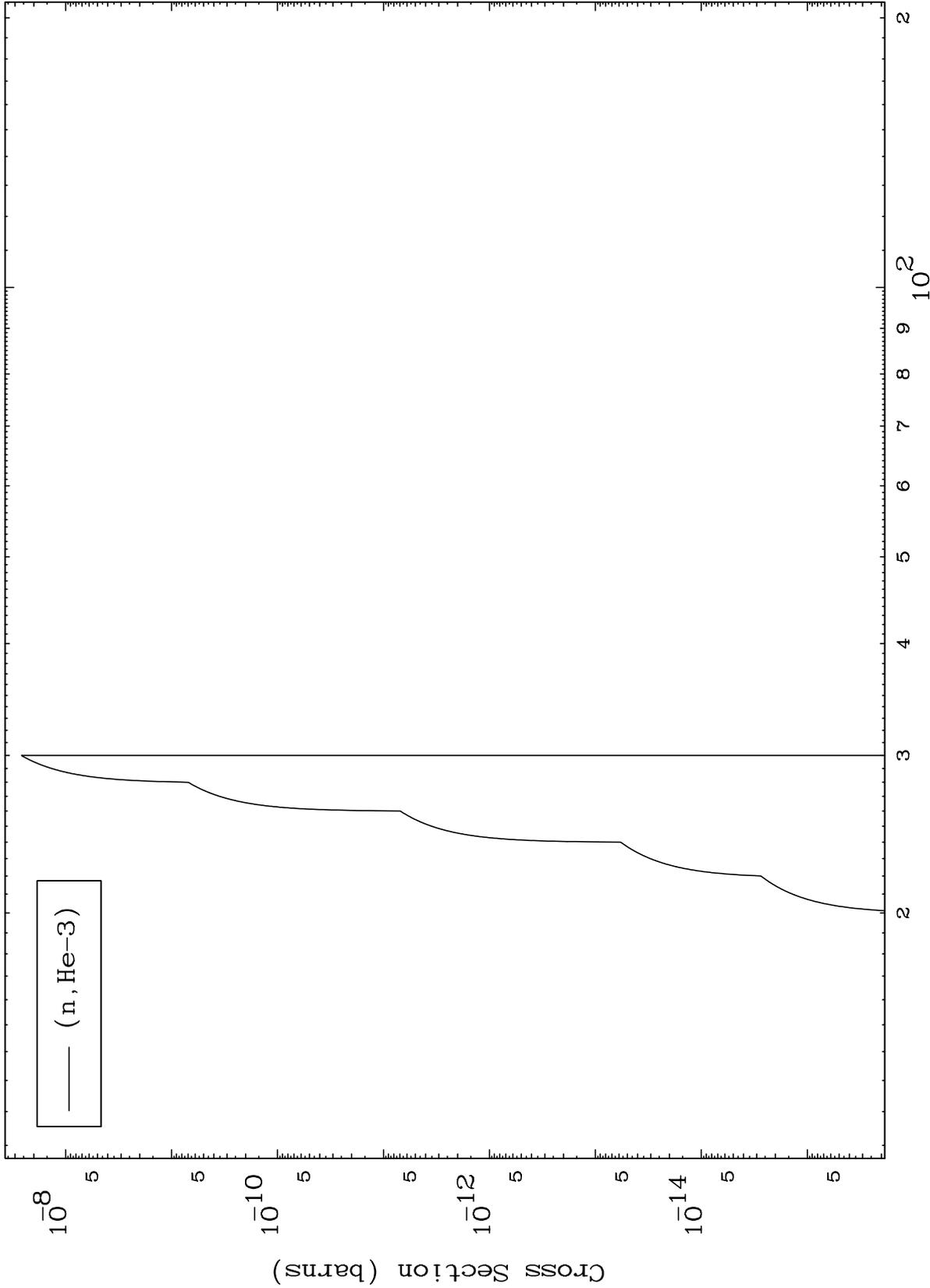
82-Pb-197m



8

Incident Energy (MeV)

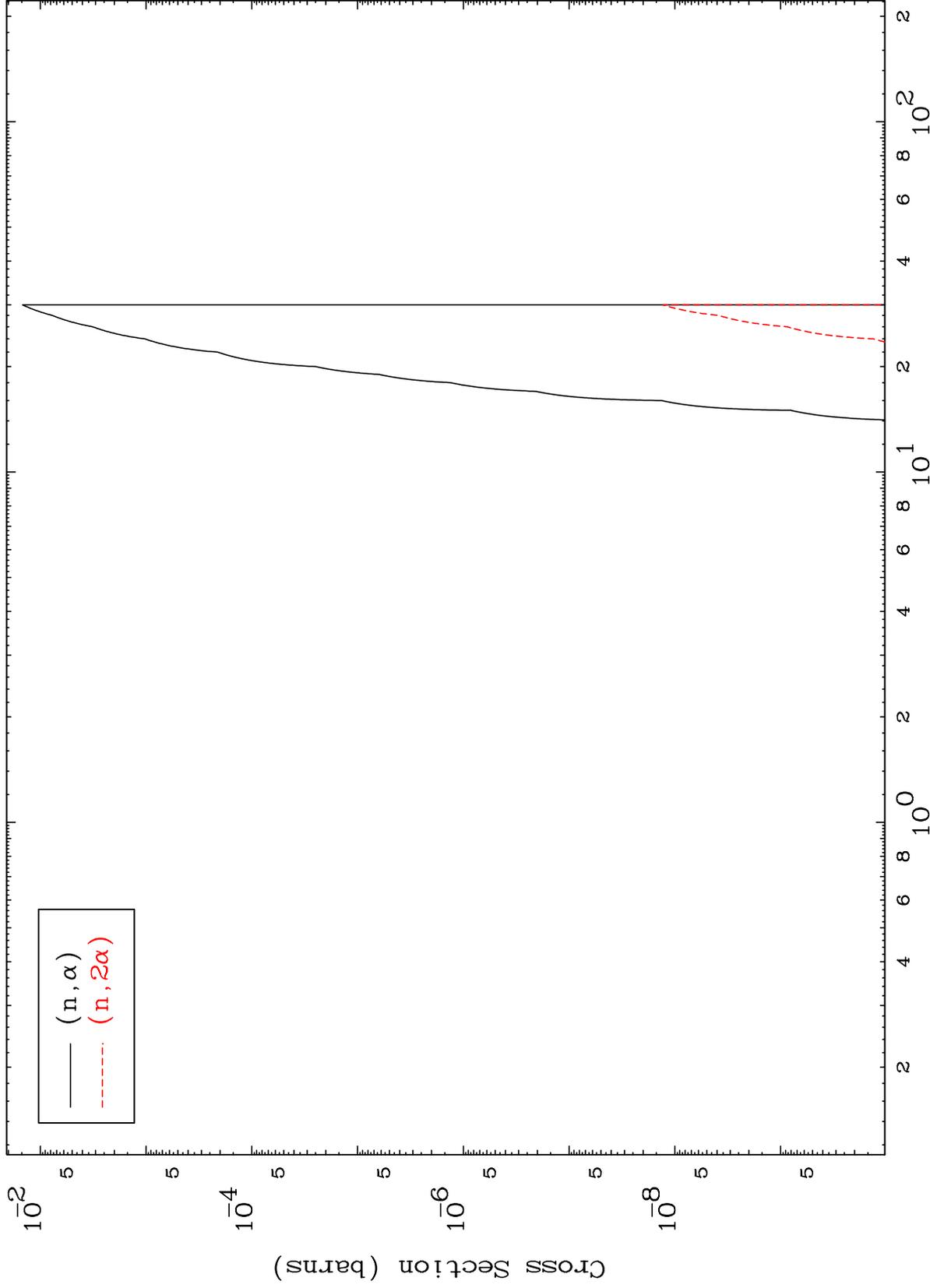
82-Pb-197m



MAT 8205

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-197m



10

Incident Energy (MeV)

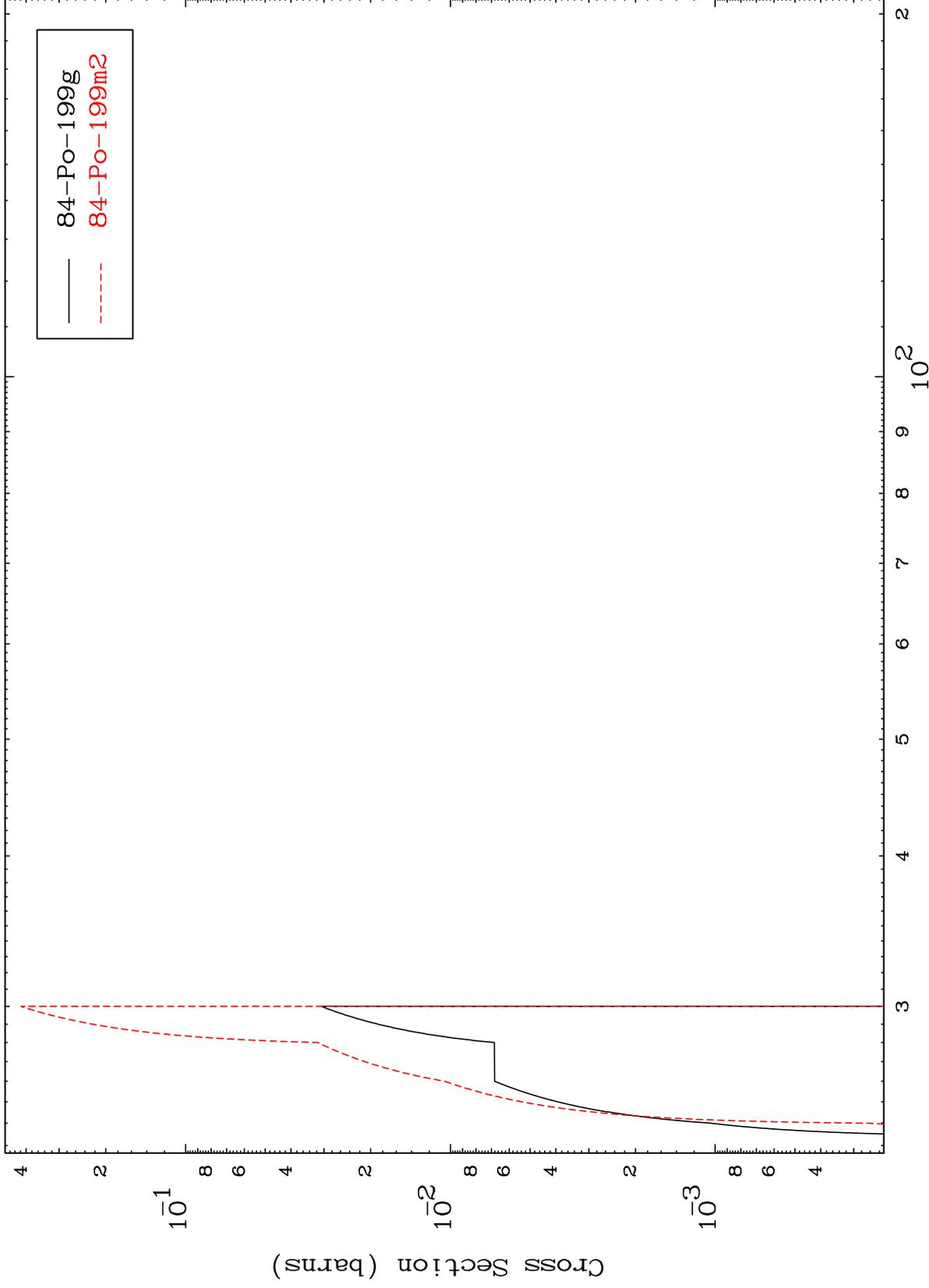
82-Pb-197m

MAT 8205

(n,2n)

82-Pb-197m

Radionuclide Production Cross Section

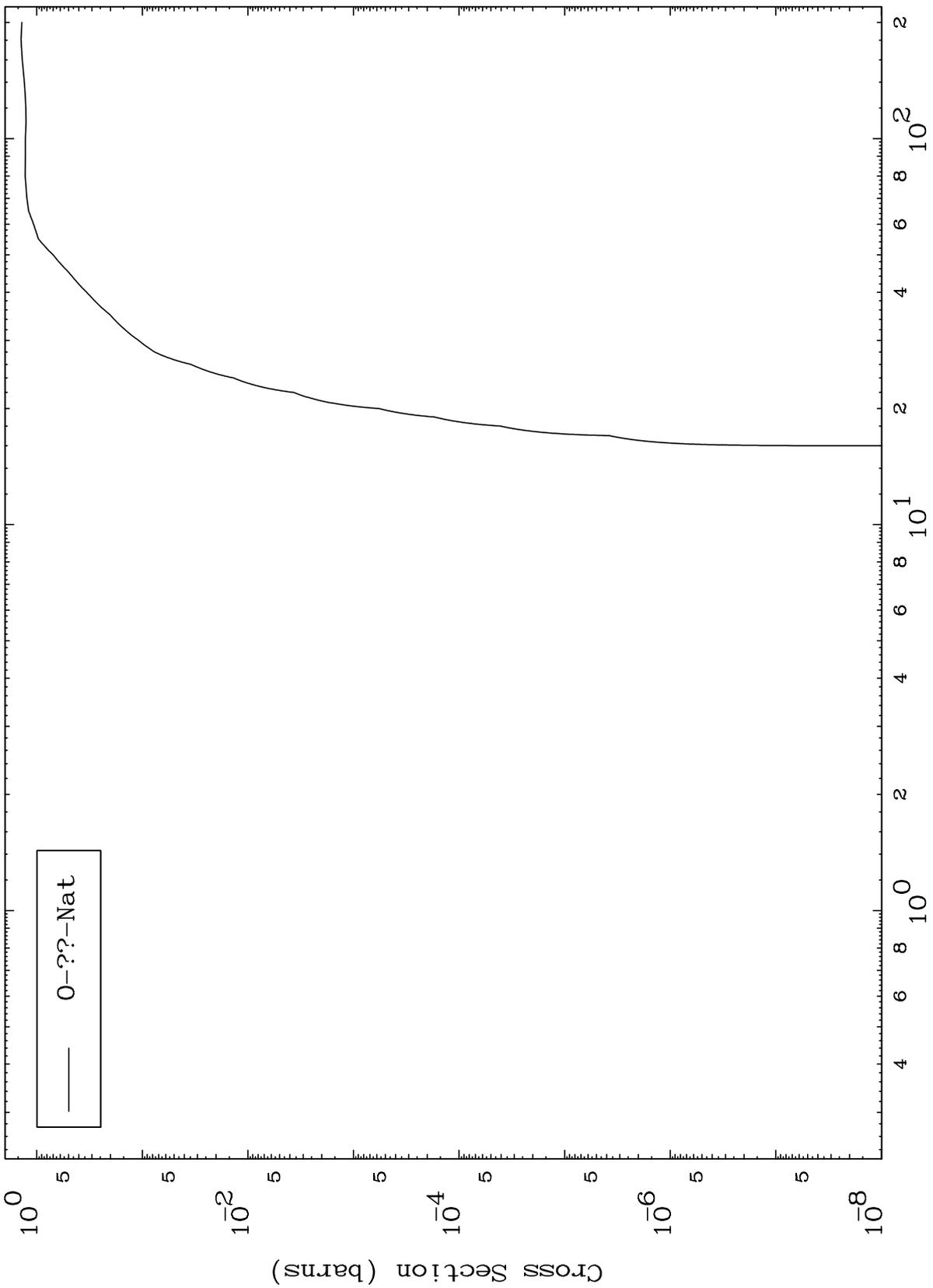


MAT 8205

Fission

82-Pb-197m

Radionuclide Production Cross Section

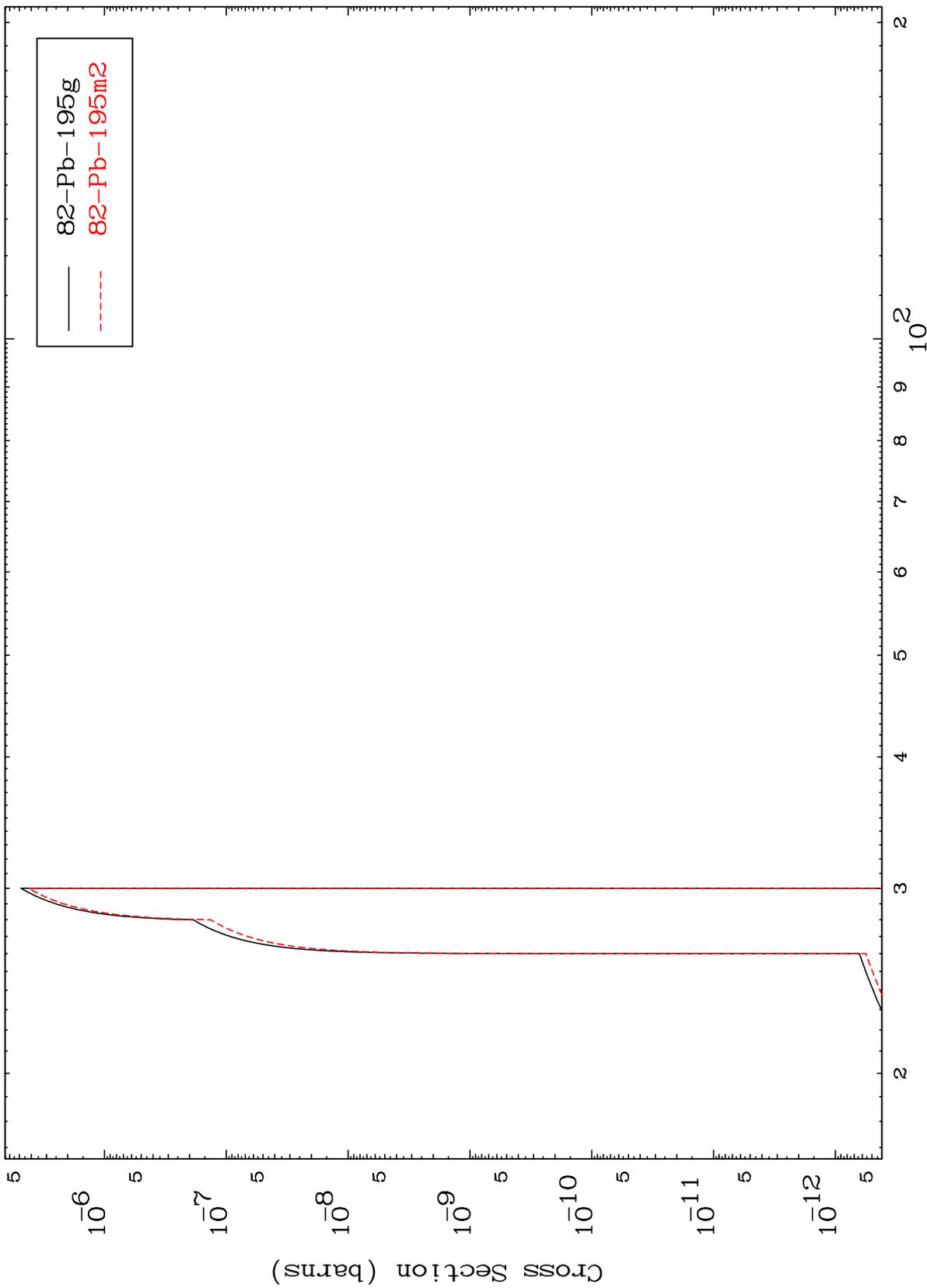


MAT 8205

$(n,2n) \alpha$

82-Pb-197m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

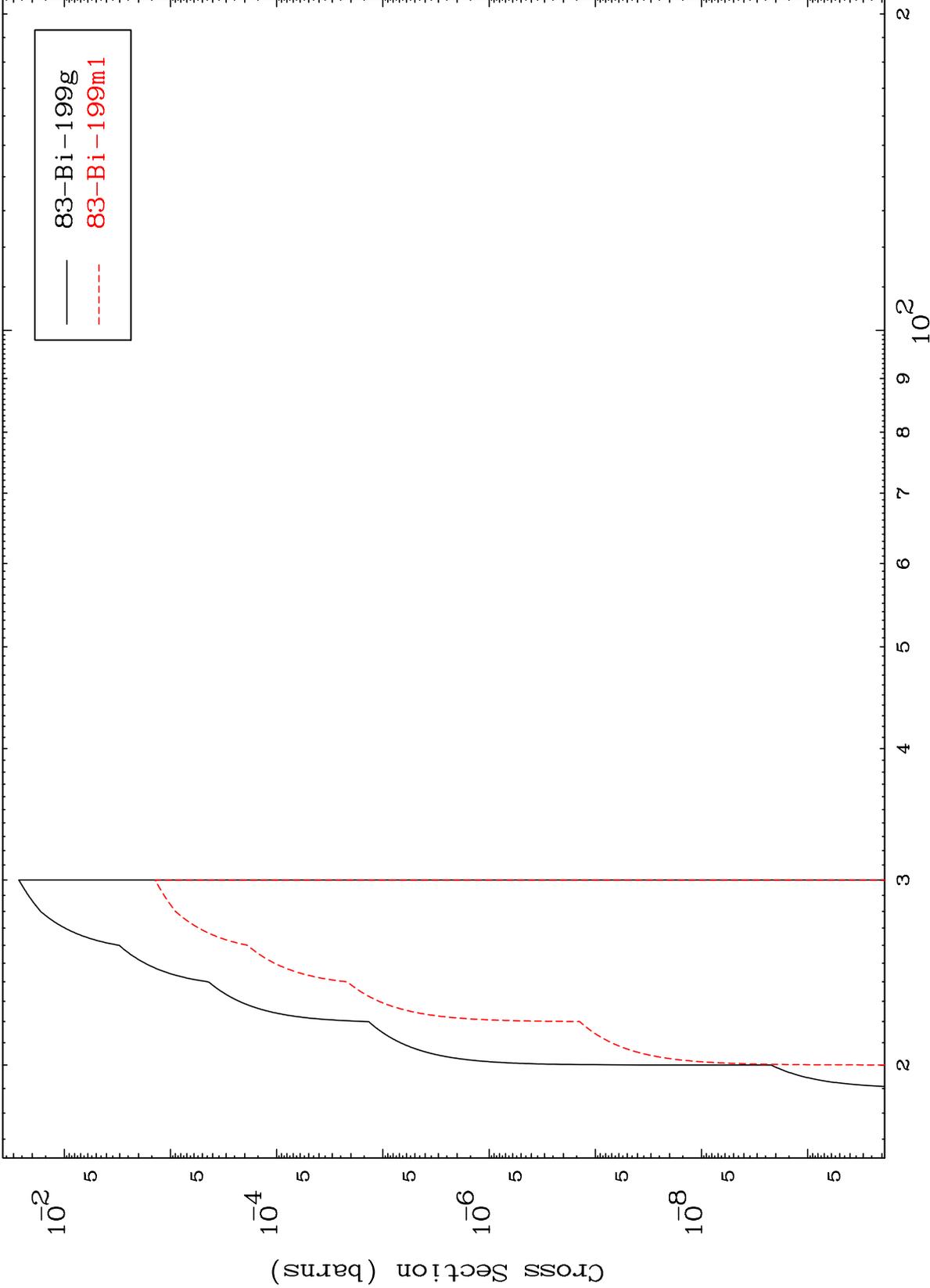
82-Pb-197m

MAT 8205

(n, n') p

82-Pb-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

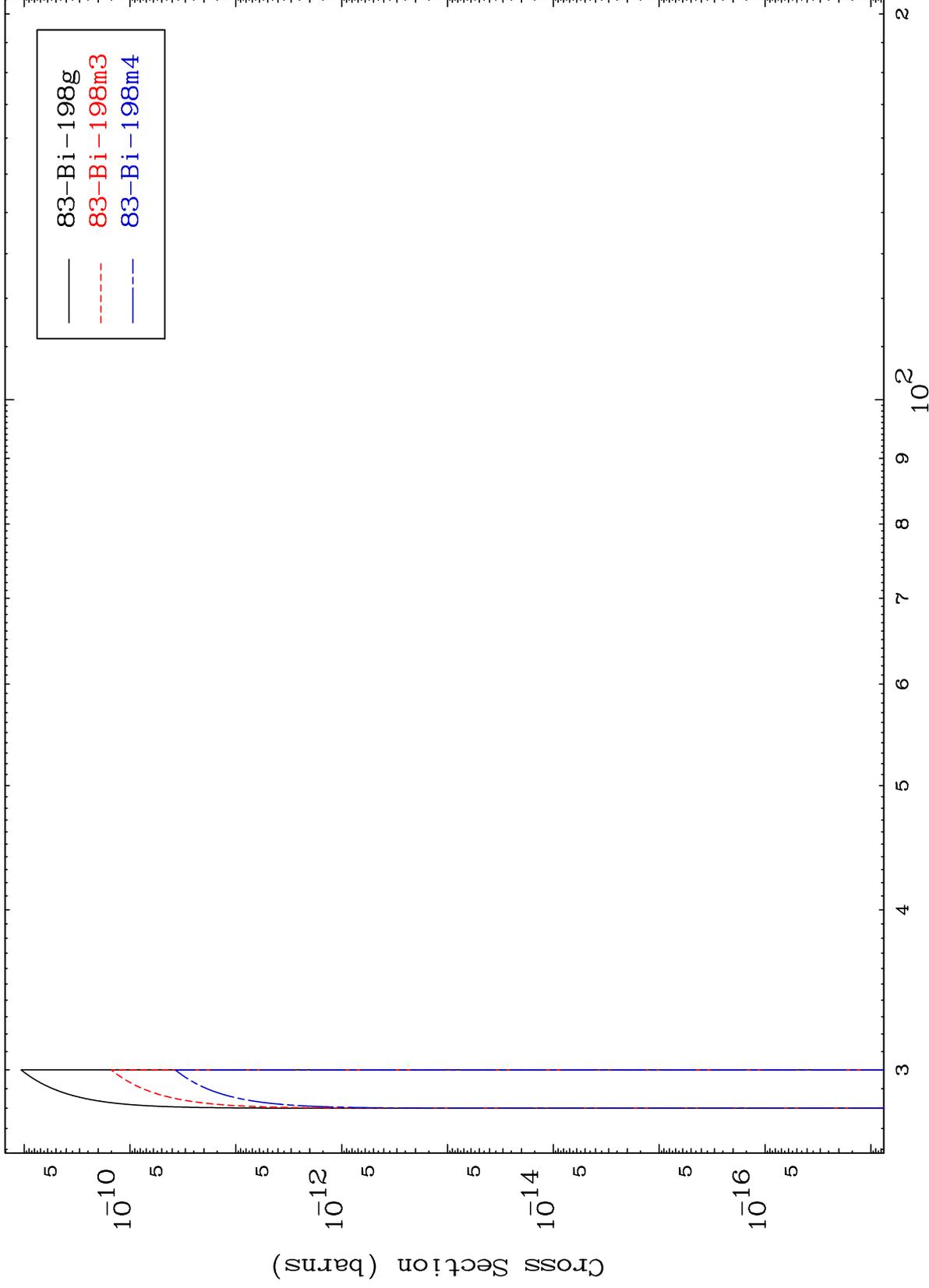
82-Pb-197m

MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section



15

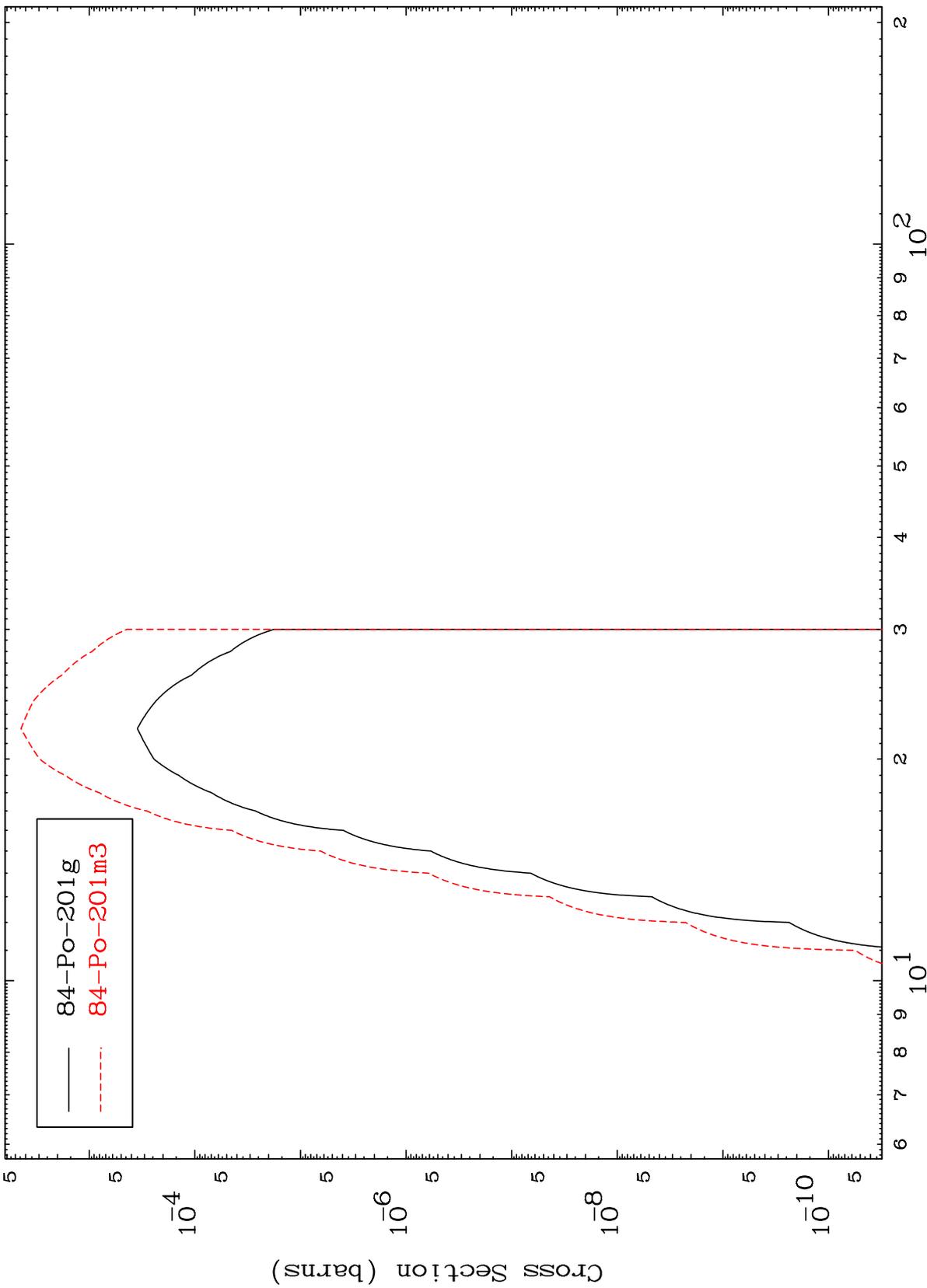
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

(n,γ)
Radionuclide Production Cross Section



16

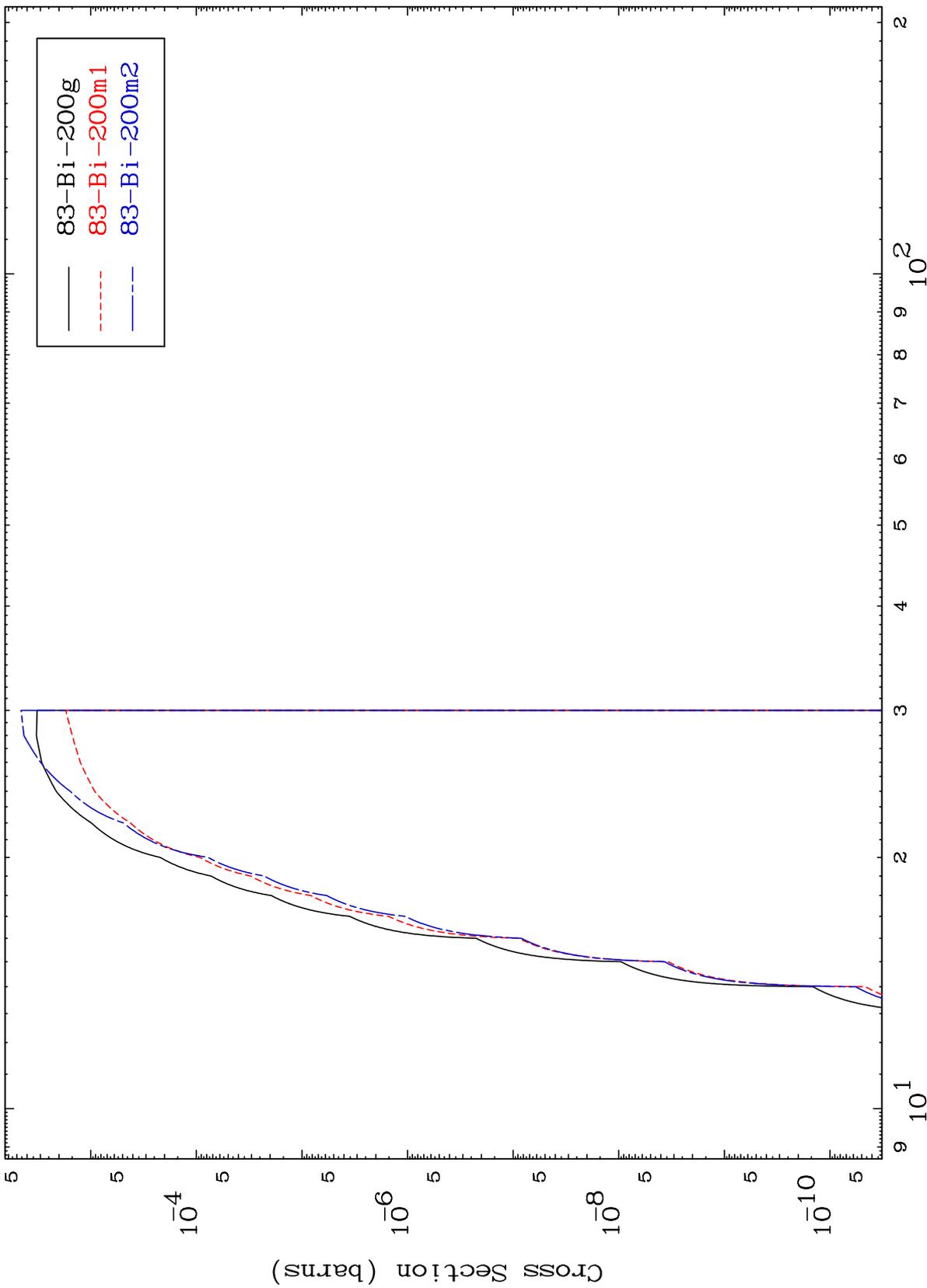
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

(n,p)
Radionuclide Production Cross Section



82-Pb-197m

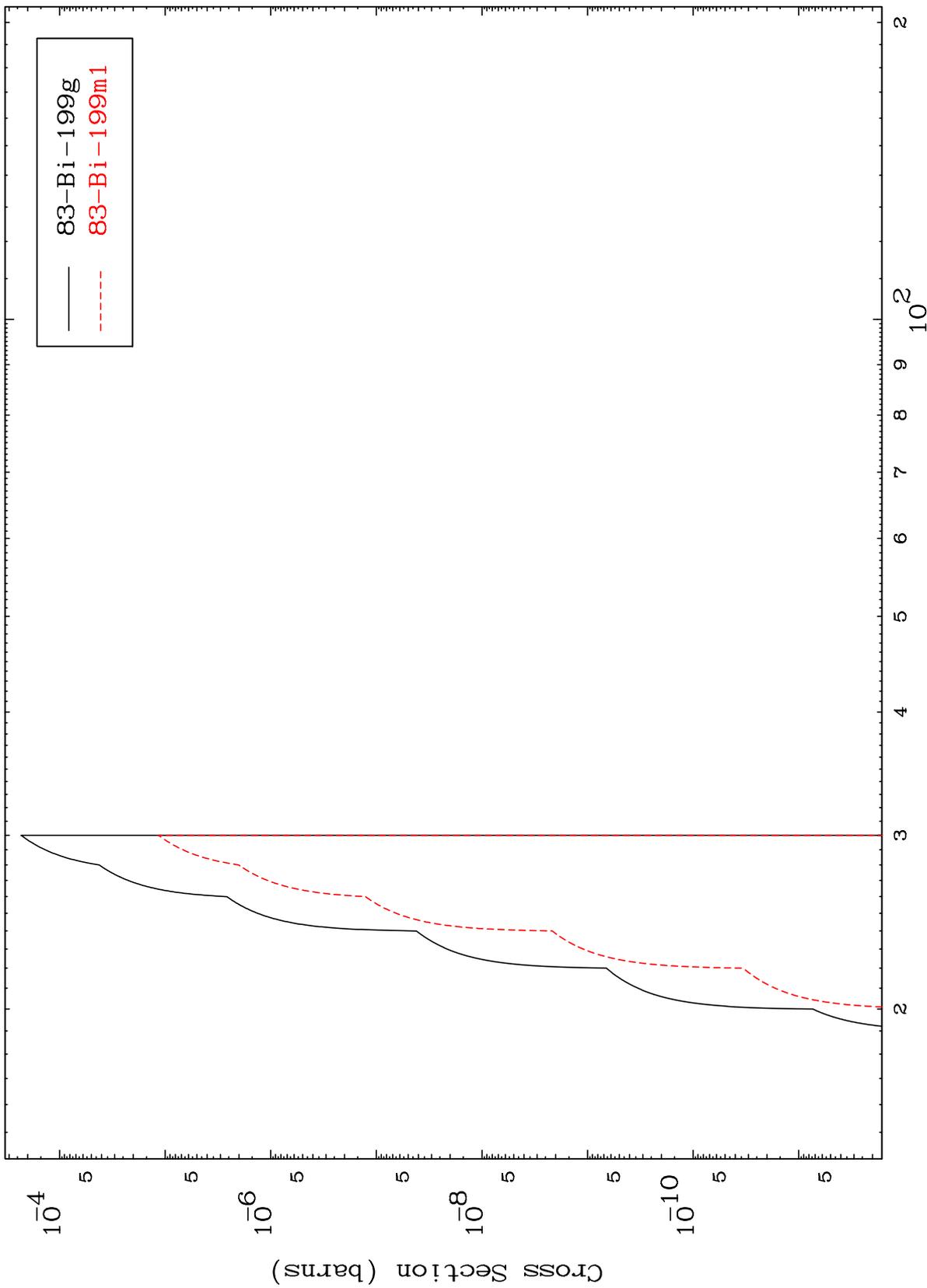
Incident Energy (MeV)

17

MAT 8205

82-Pb-197m

(n,d)
Radionuclide Production Cross Section

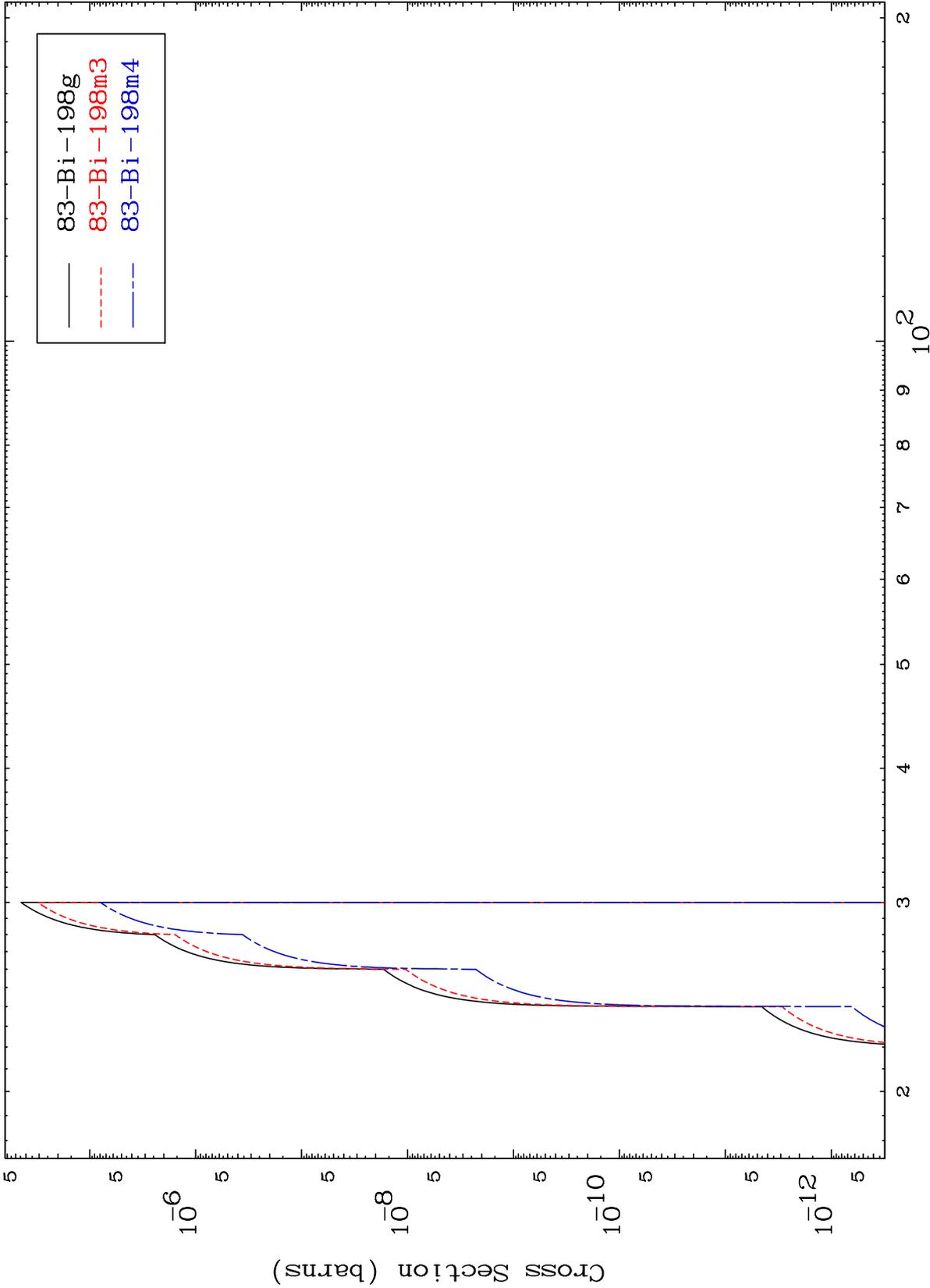


18

82-Pb-197m

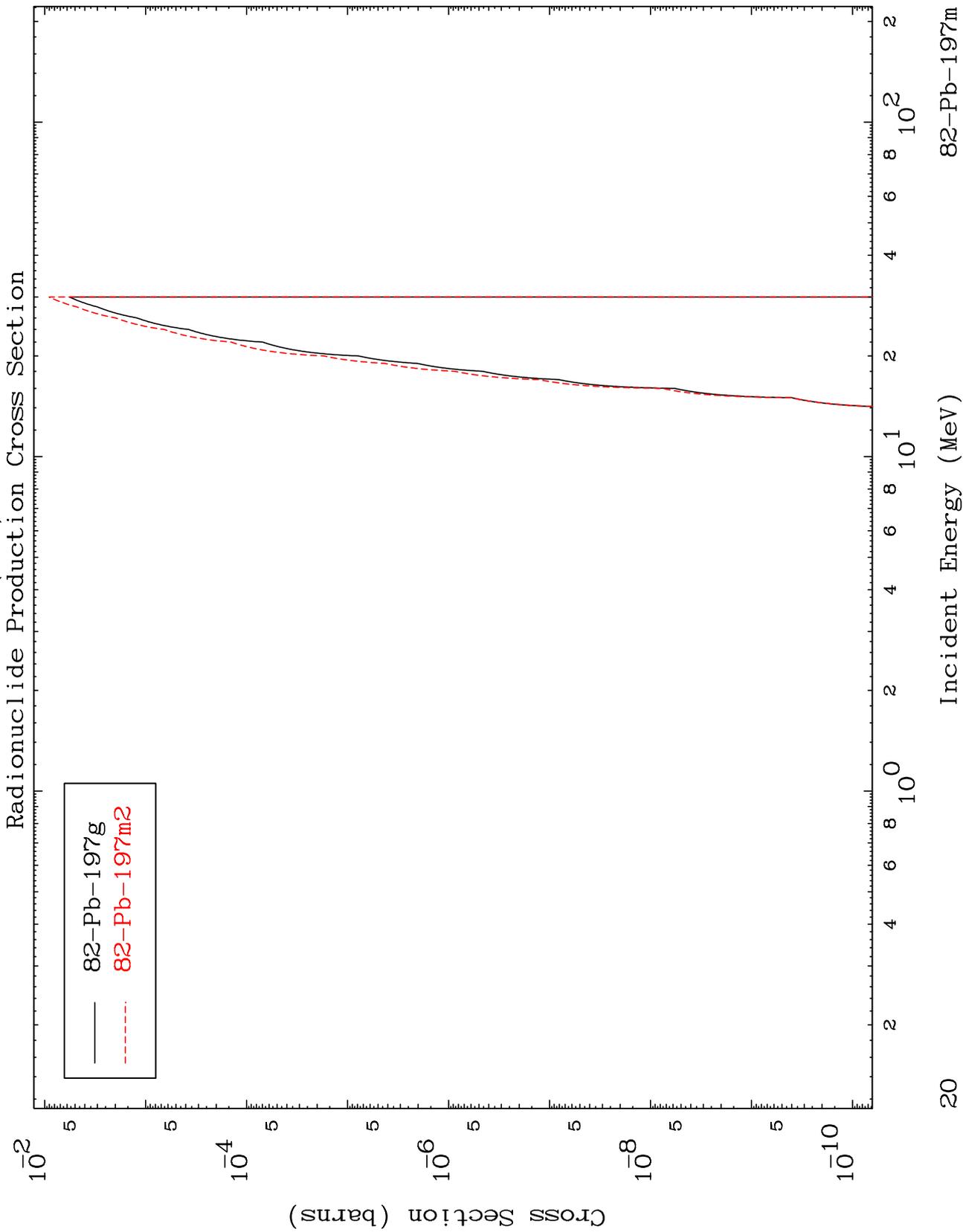
Incident Energy (MeV)

(n, t)
Radionuclide Production Cross Section



MAT 8205

82-Pb-197m

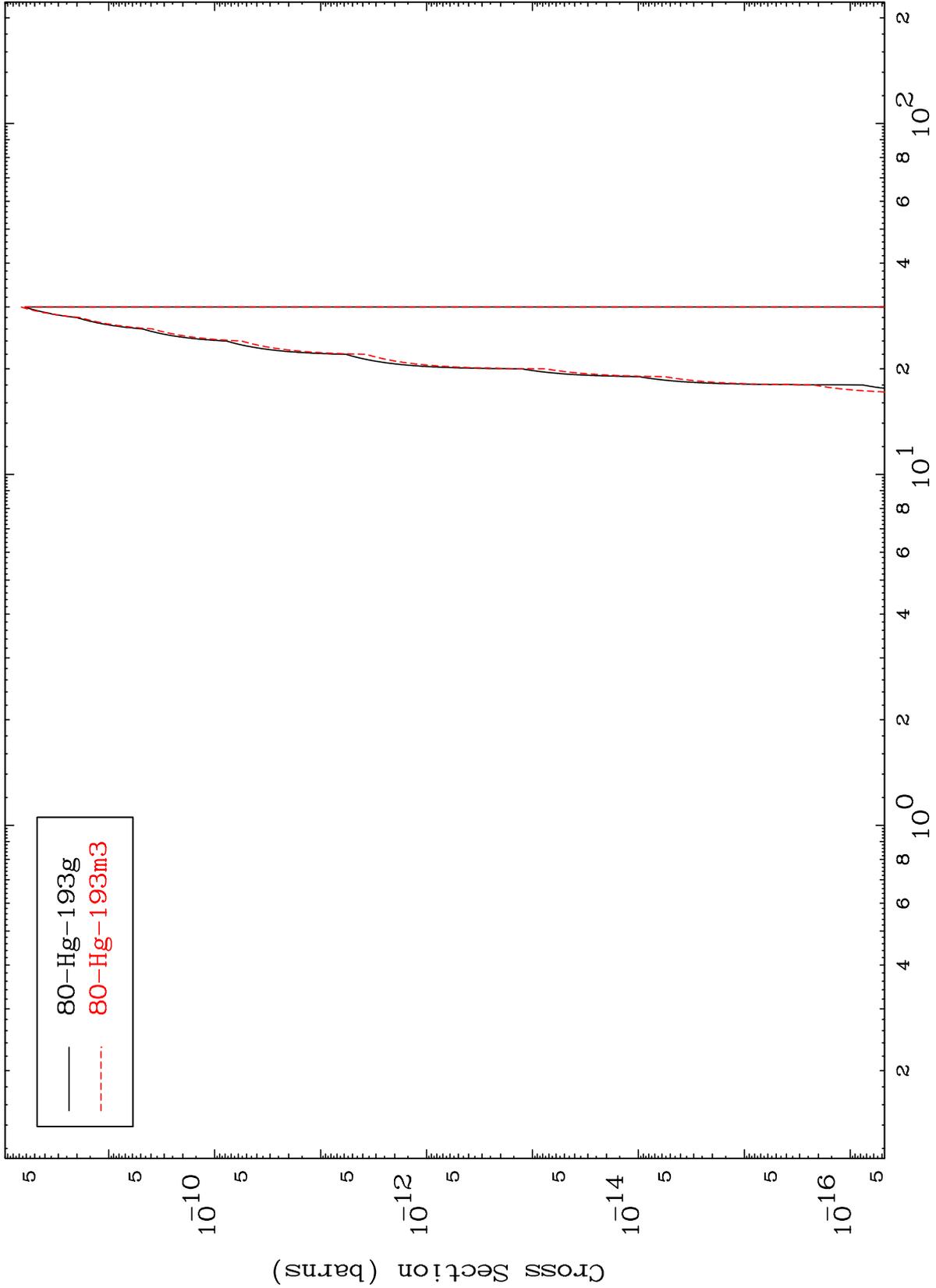


MAT 8205

(n,2α)

82-Pb-197m

Radionuclide Production Cross Section

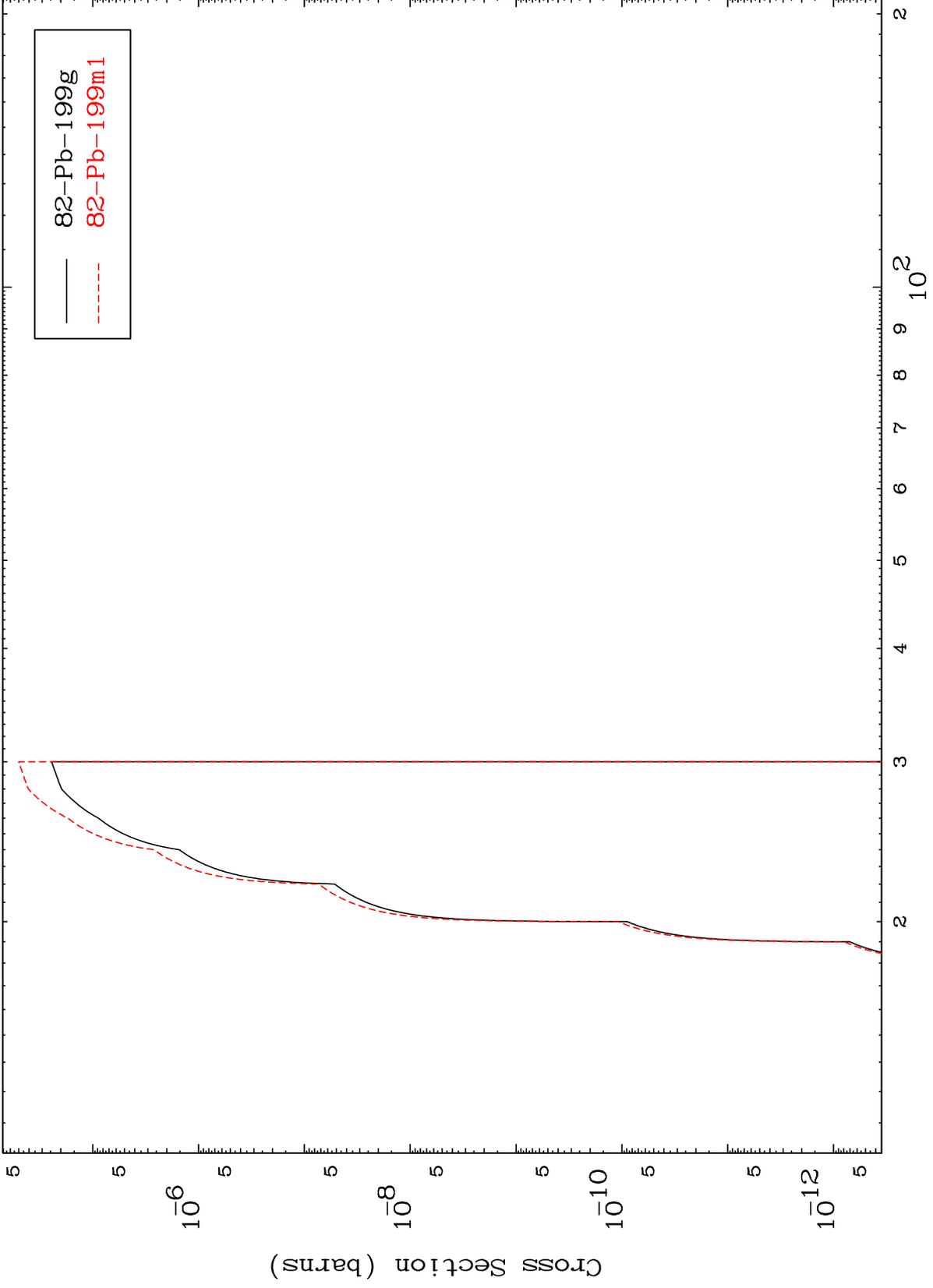


80-Hg-193g
80-Hg-193m3

MAT 8205

82-Pb-197m

(n,2p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,p) α

82-Pb-197m

Radionuclide Production Cross Section

