

Program EVALPLOT
(Version 2021-1)

by

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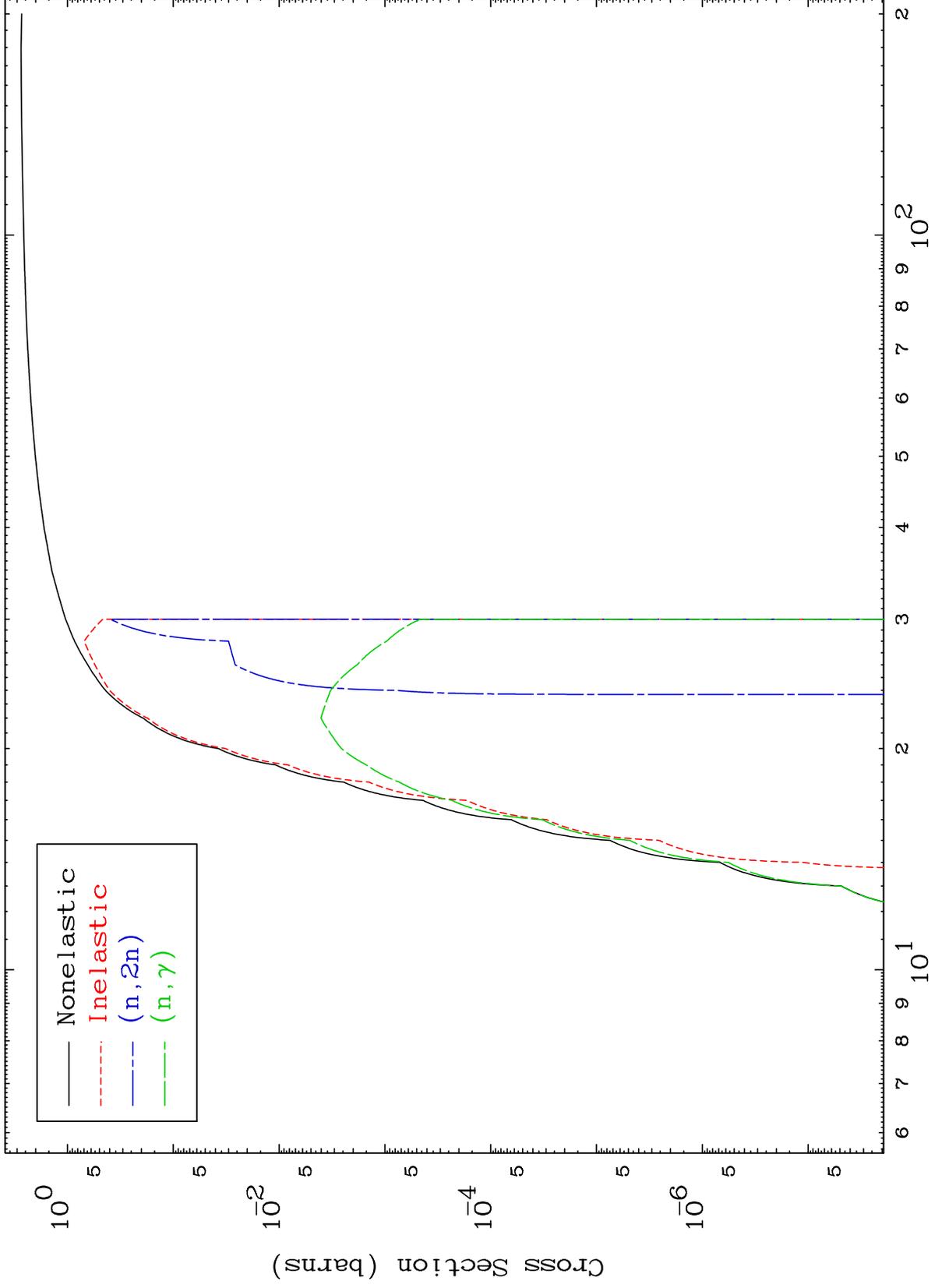
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Press Mouse Button to Start

MAT 8204

0 Kelvin Cross Sections

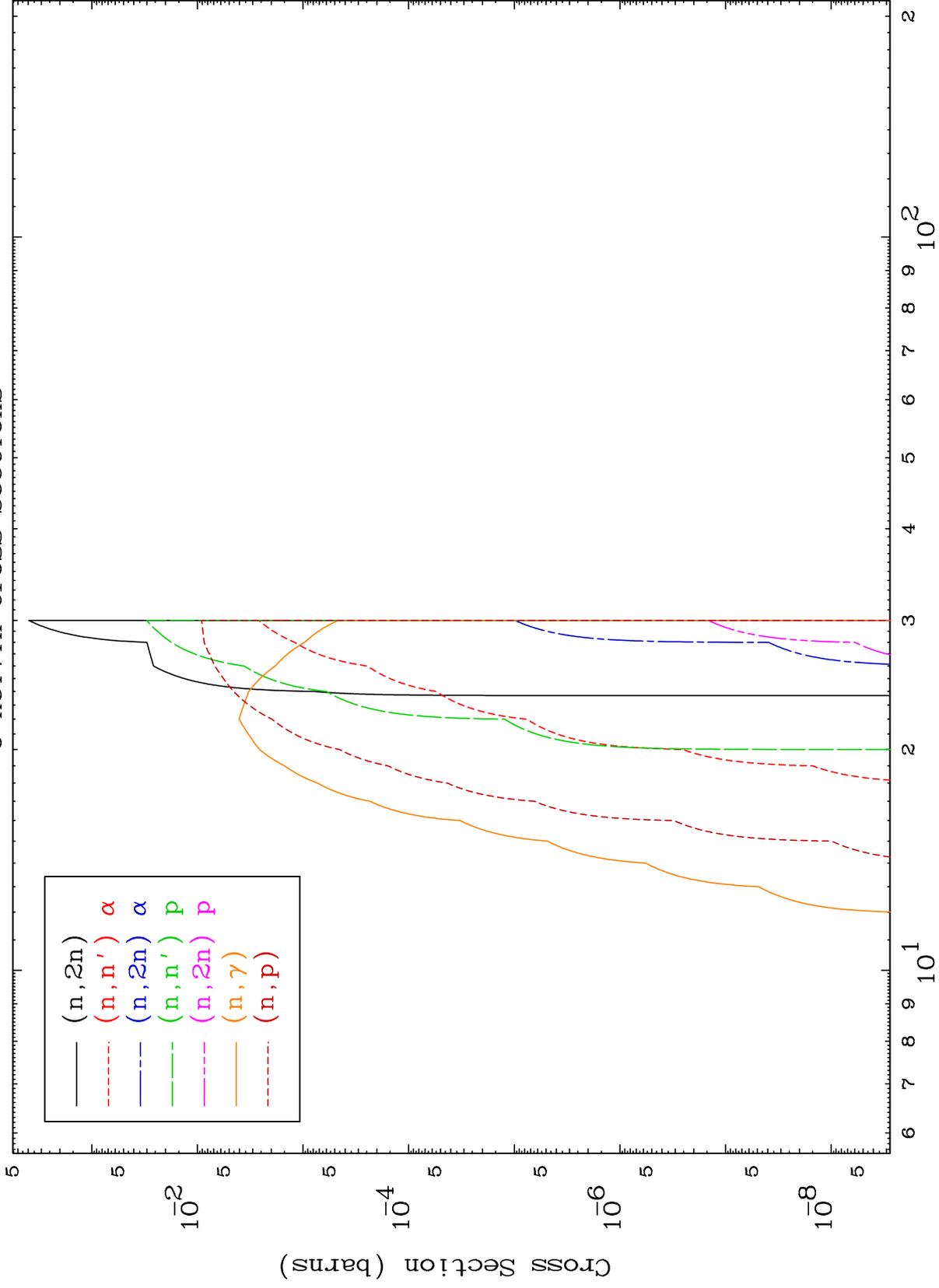
82-Pb-197



1

Incident Energy (MeV)

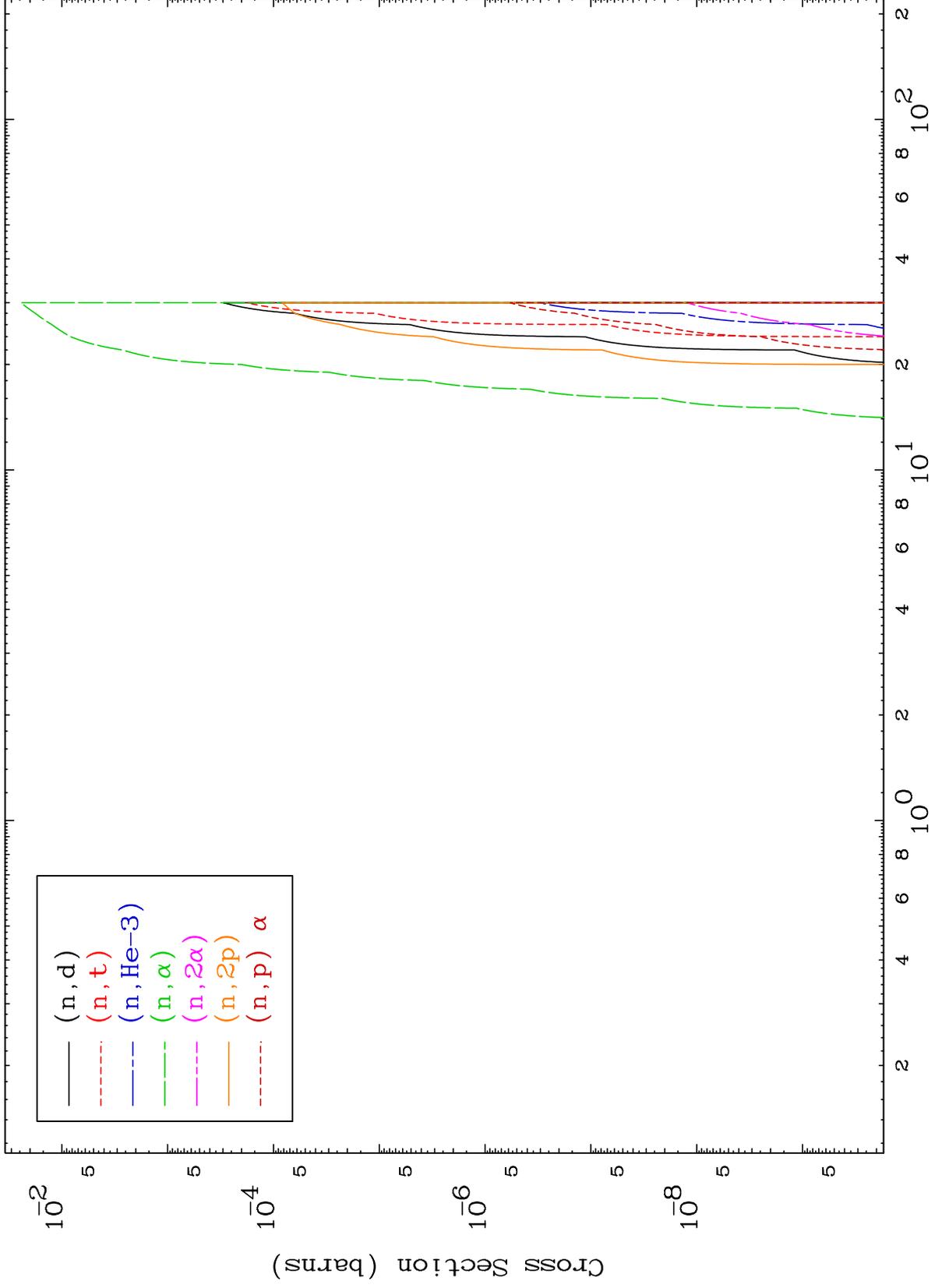
82-Pb-197



MAT 8204

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-197

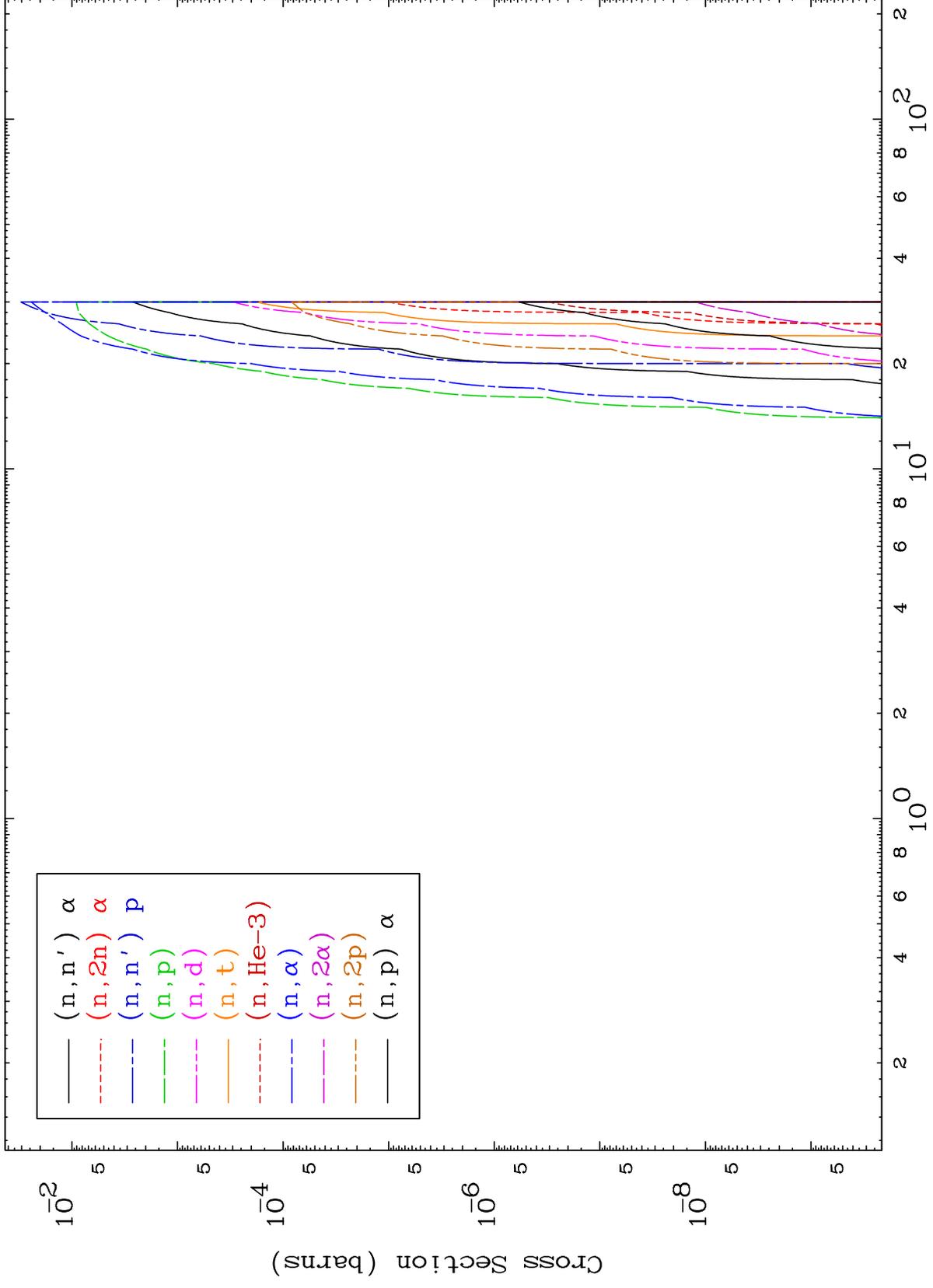


MAT 8204

α Charged Particle

82-Pb-197

0 Kelvin Cross Sections



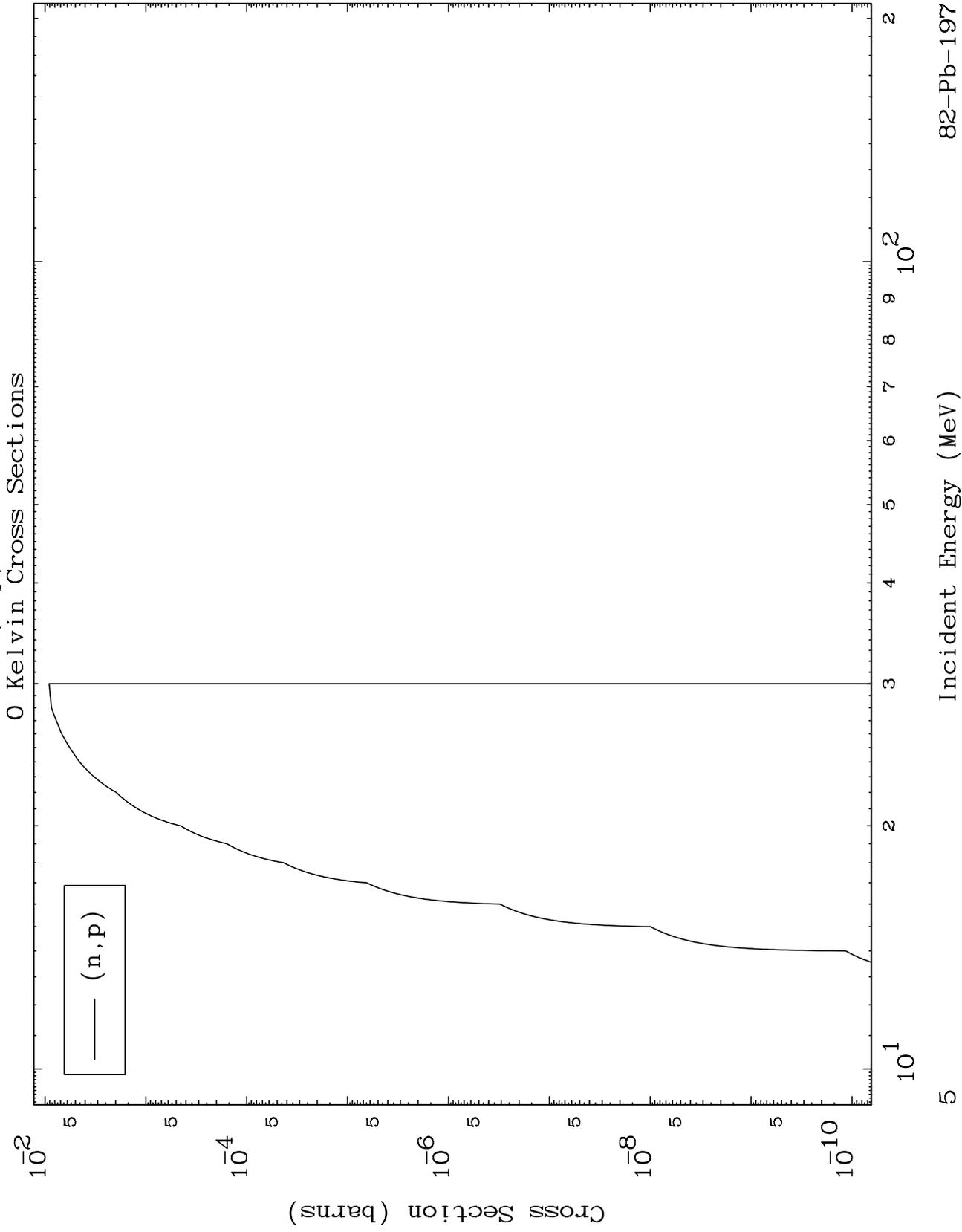
Incident Energy (MeV)

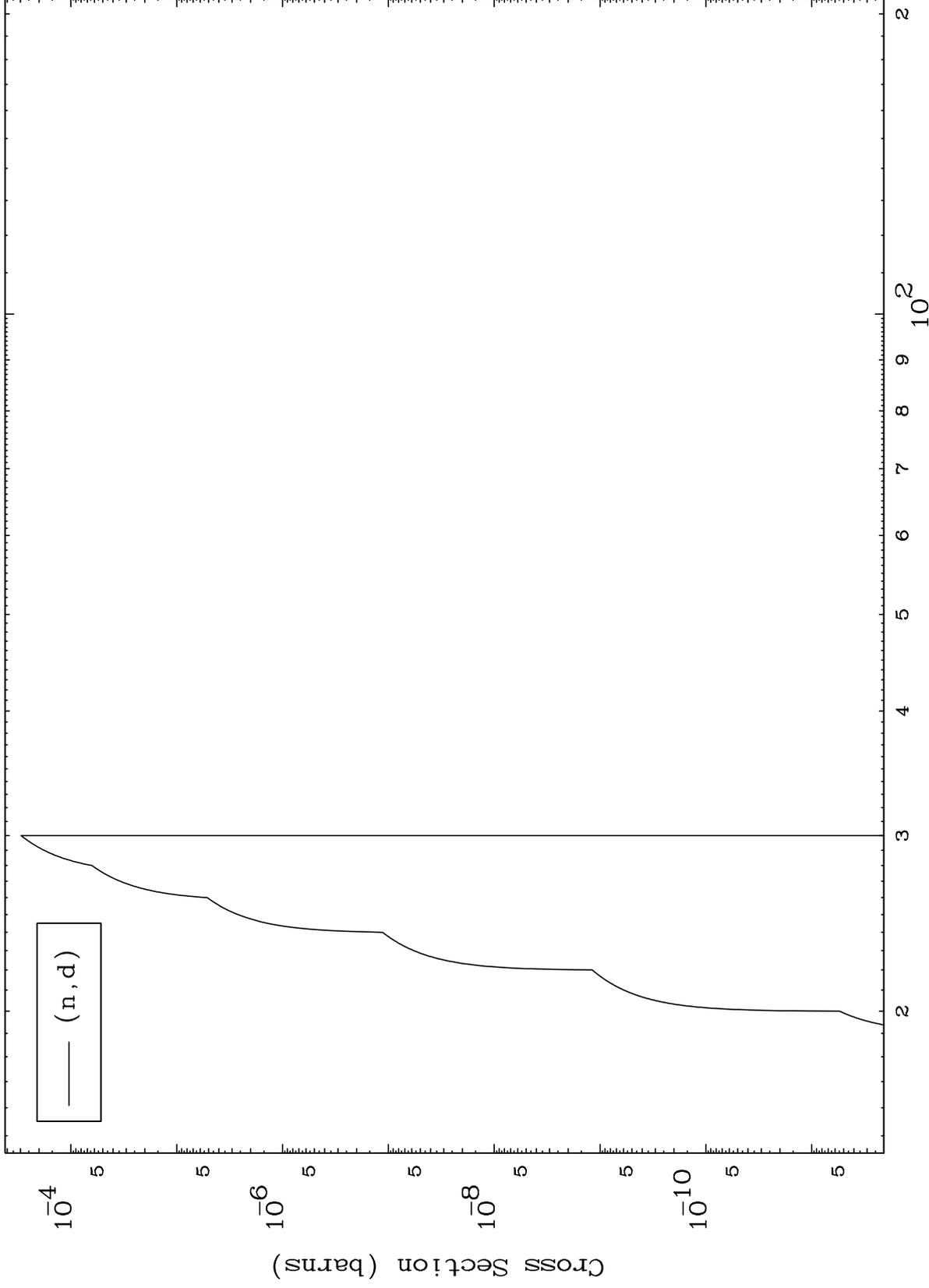
82-Pb-197

MAT 8204

(α, p) Levels

82-Pb-197

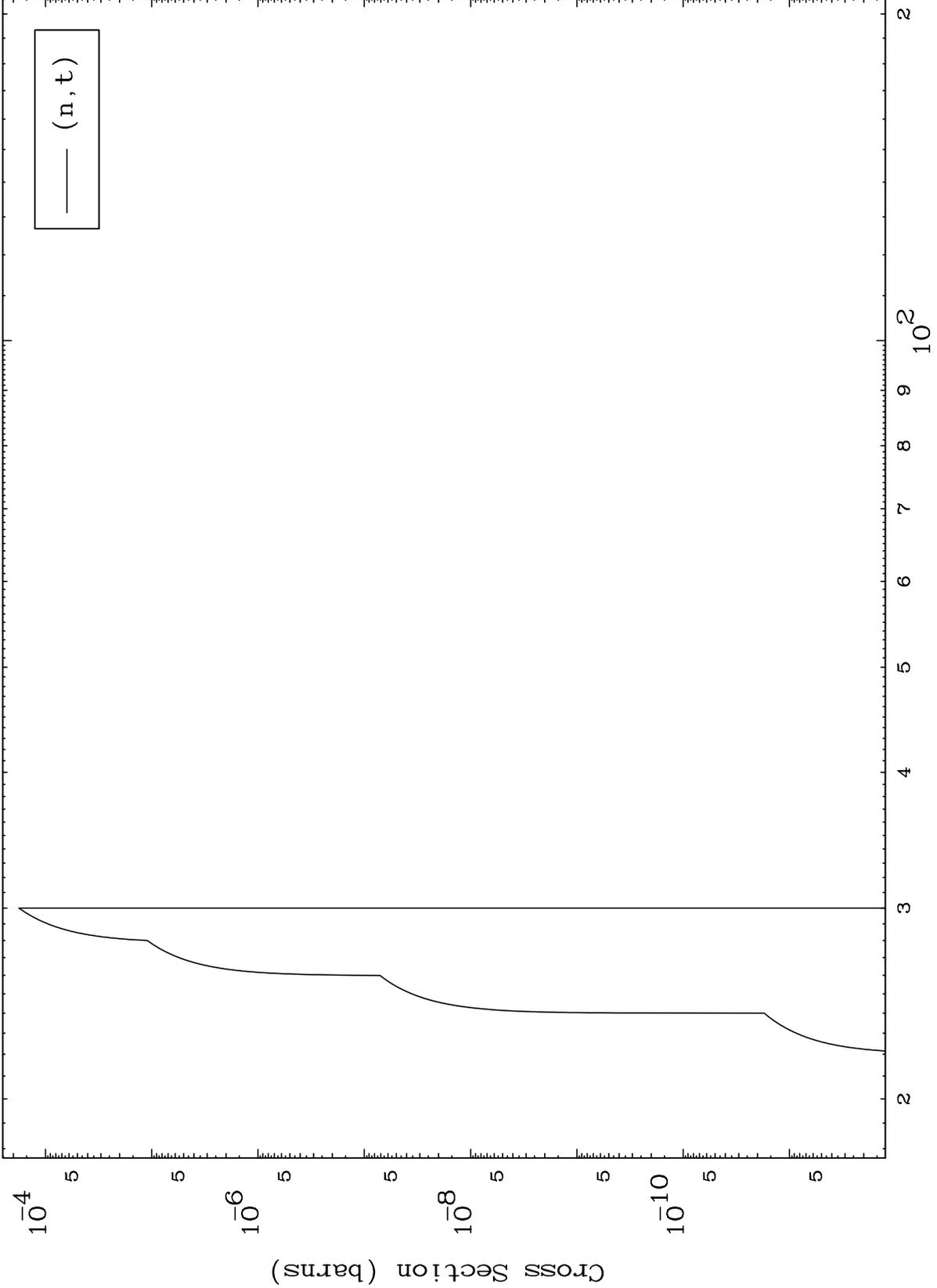




MAT 8204

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-197



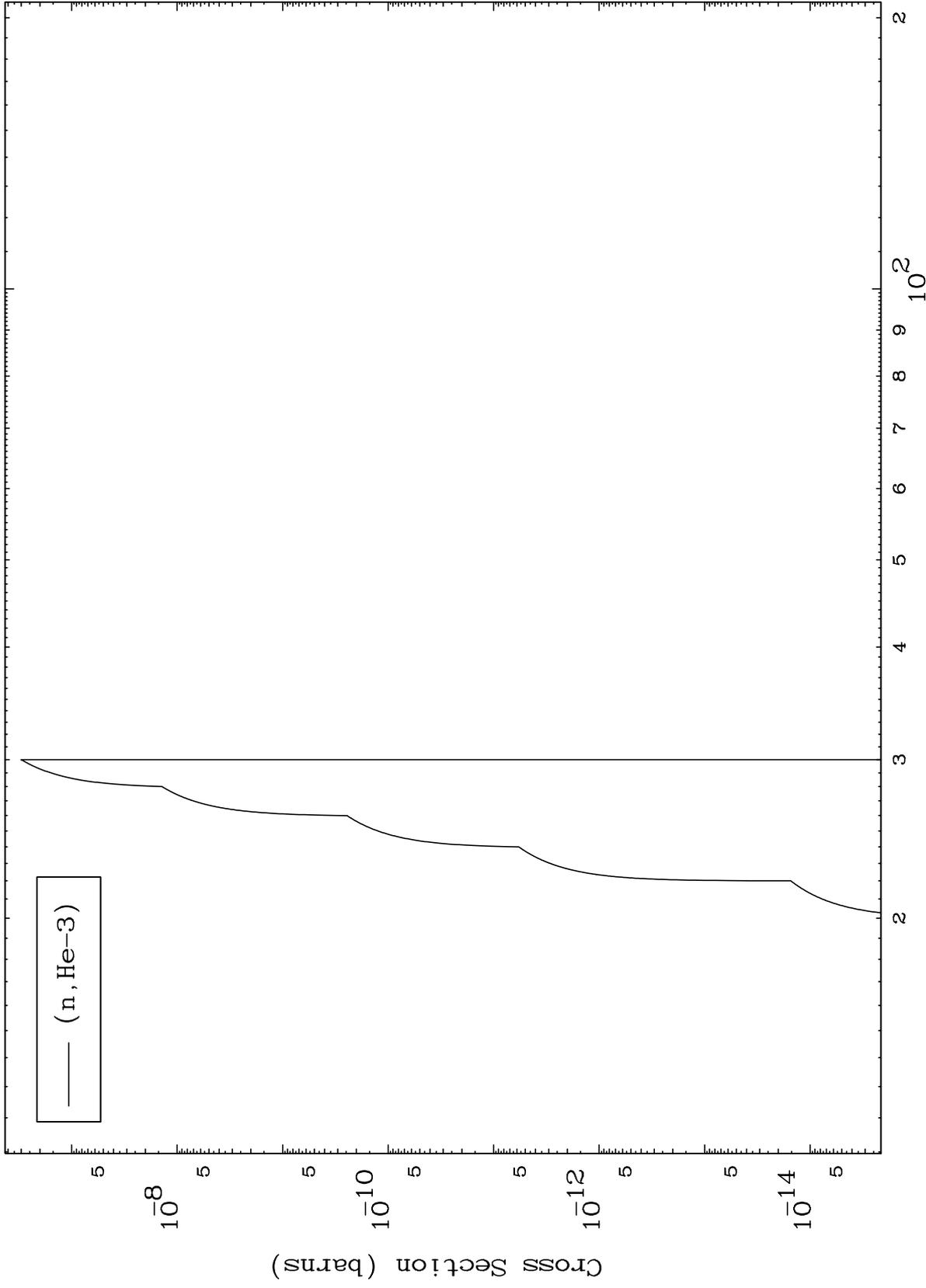
(n, t)

7

Incident Energy (MeV)

82-Pb-197

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

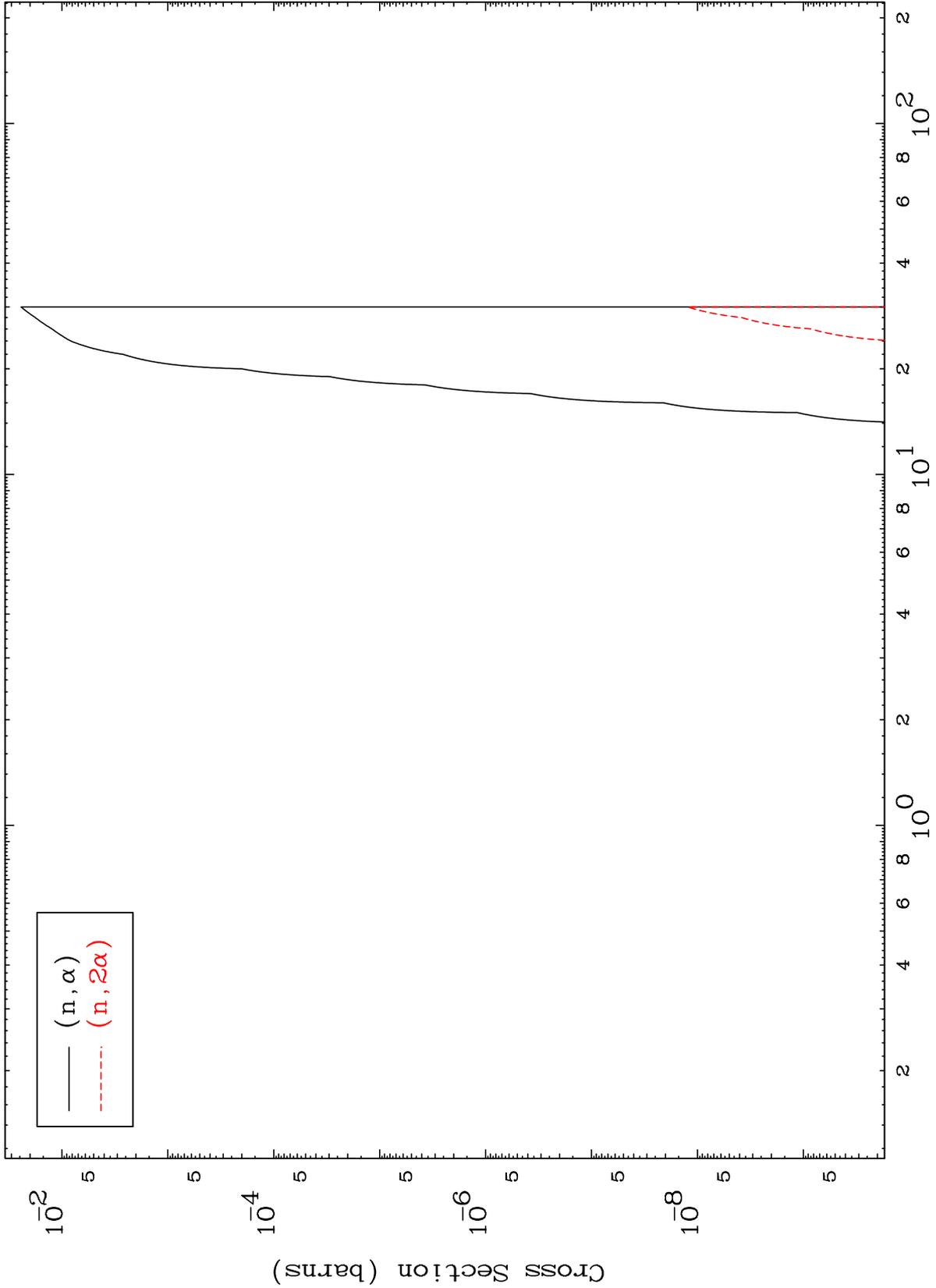


MAT 8204

(α, α) Levels

82-Pb-197

0 Kelvin Cross Sections

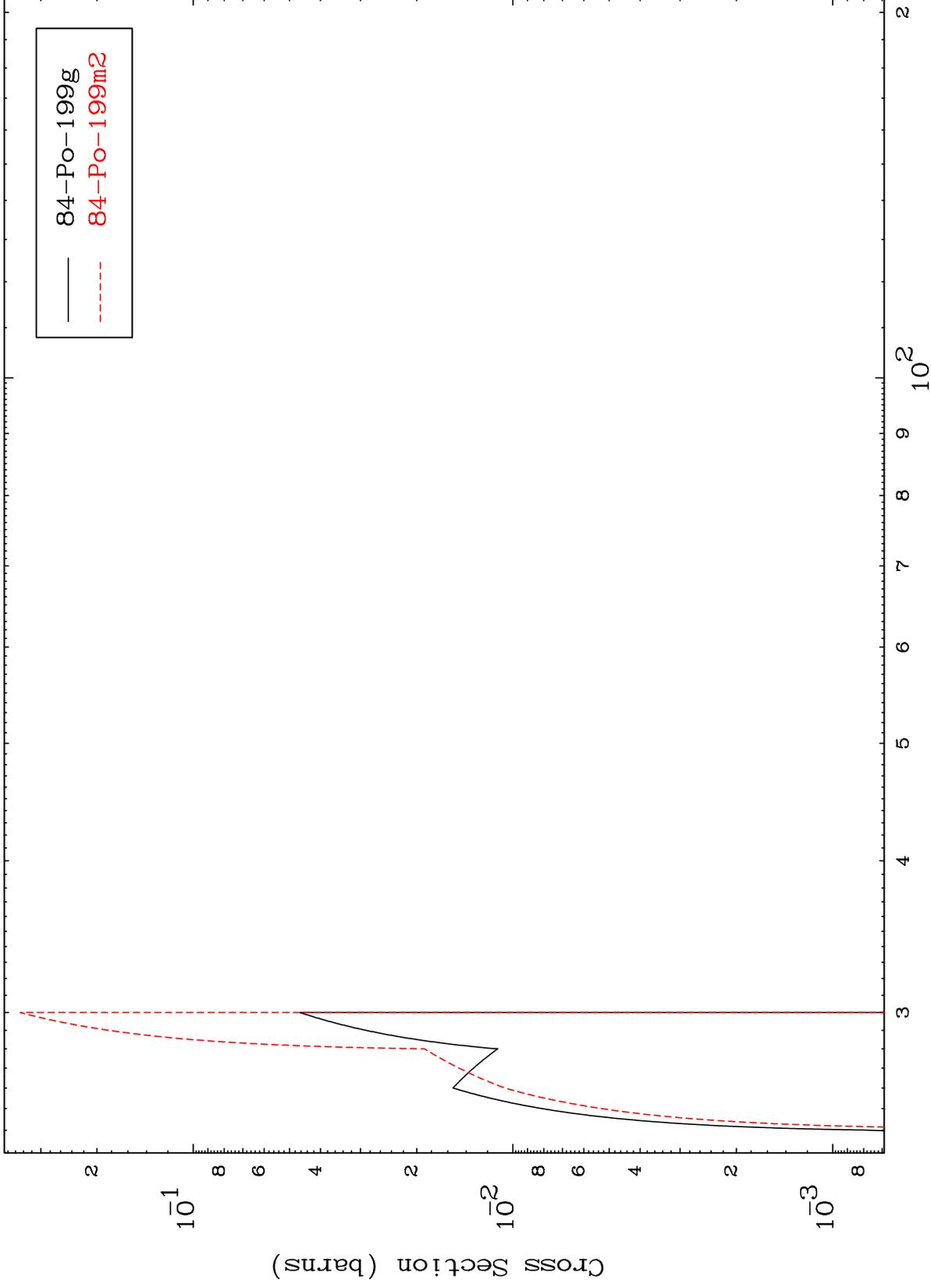


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(n,2n)

82-Pb-197

Radionuclide Production Cross Section



10

Incident Energy (MeV)

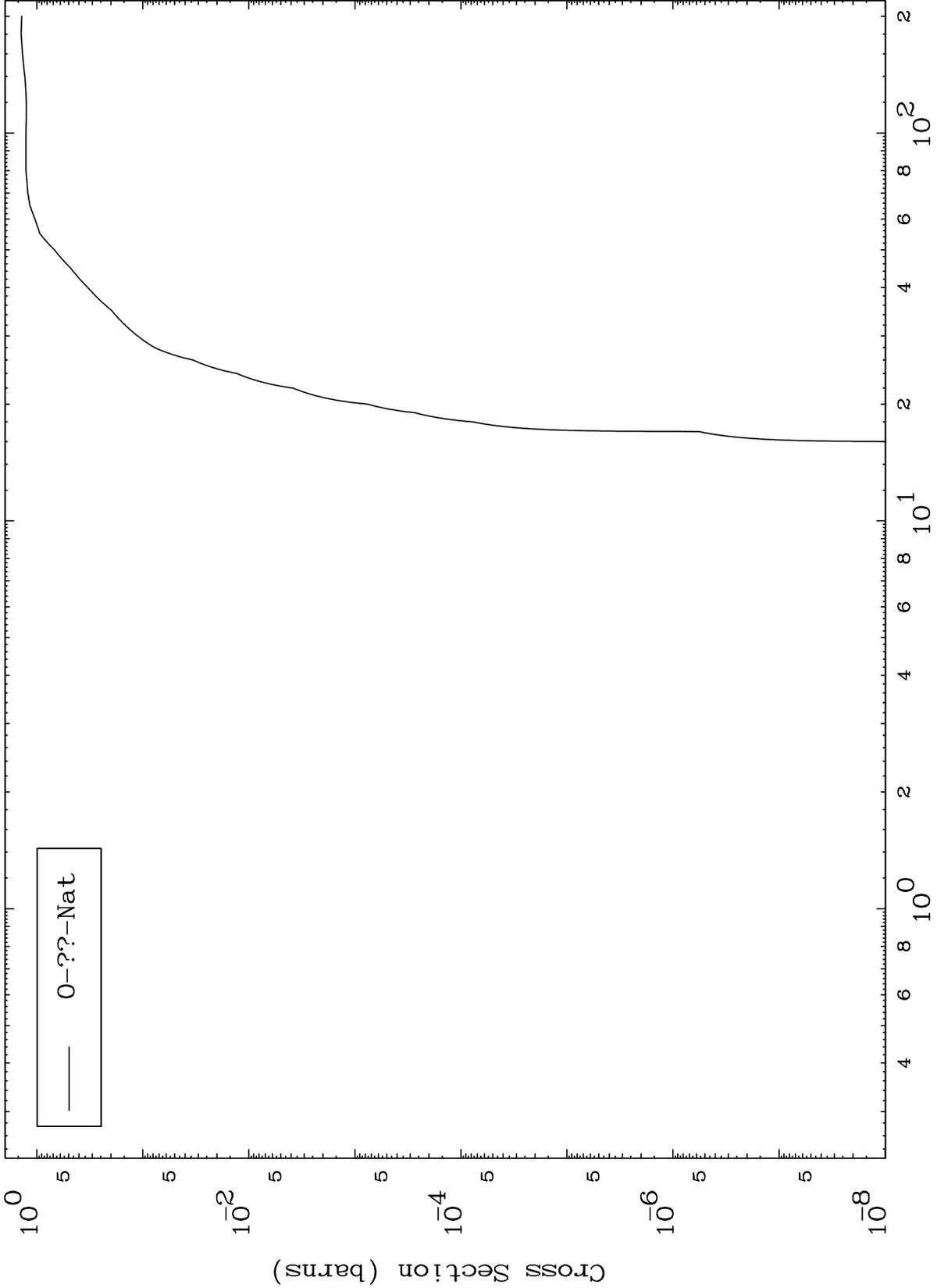
82-Pb-197

MAT 8204

Fission

82-Pb-197

Radionuclide Production Cross Section

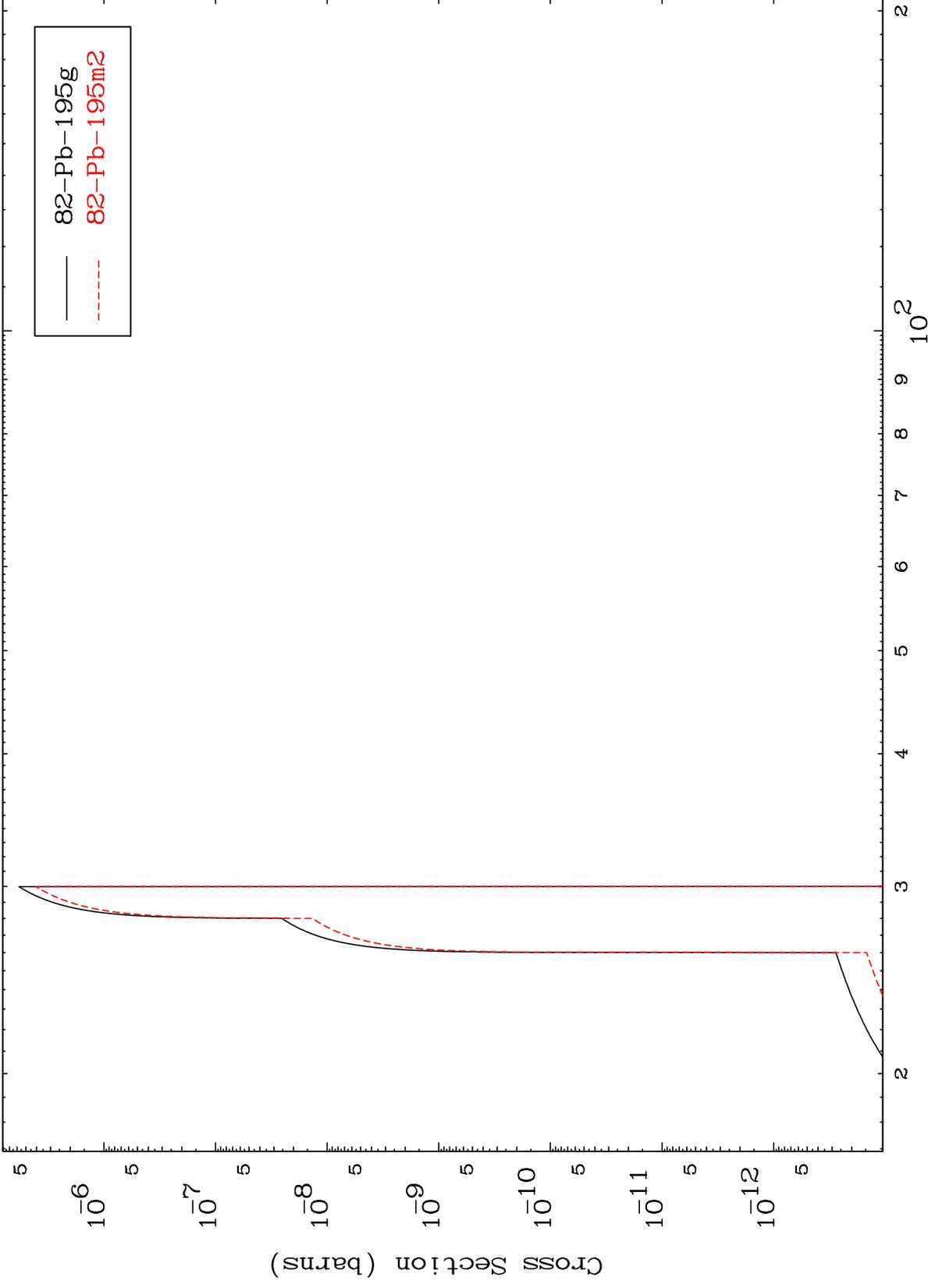


MAT 8204

(n,2n) α

82-Pb-197

Radionuclide Production Cross Section

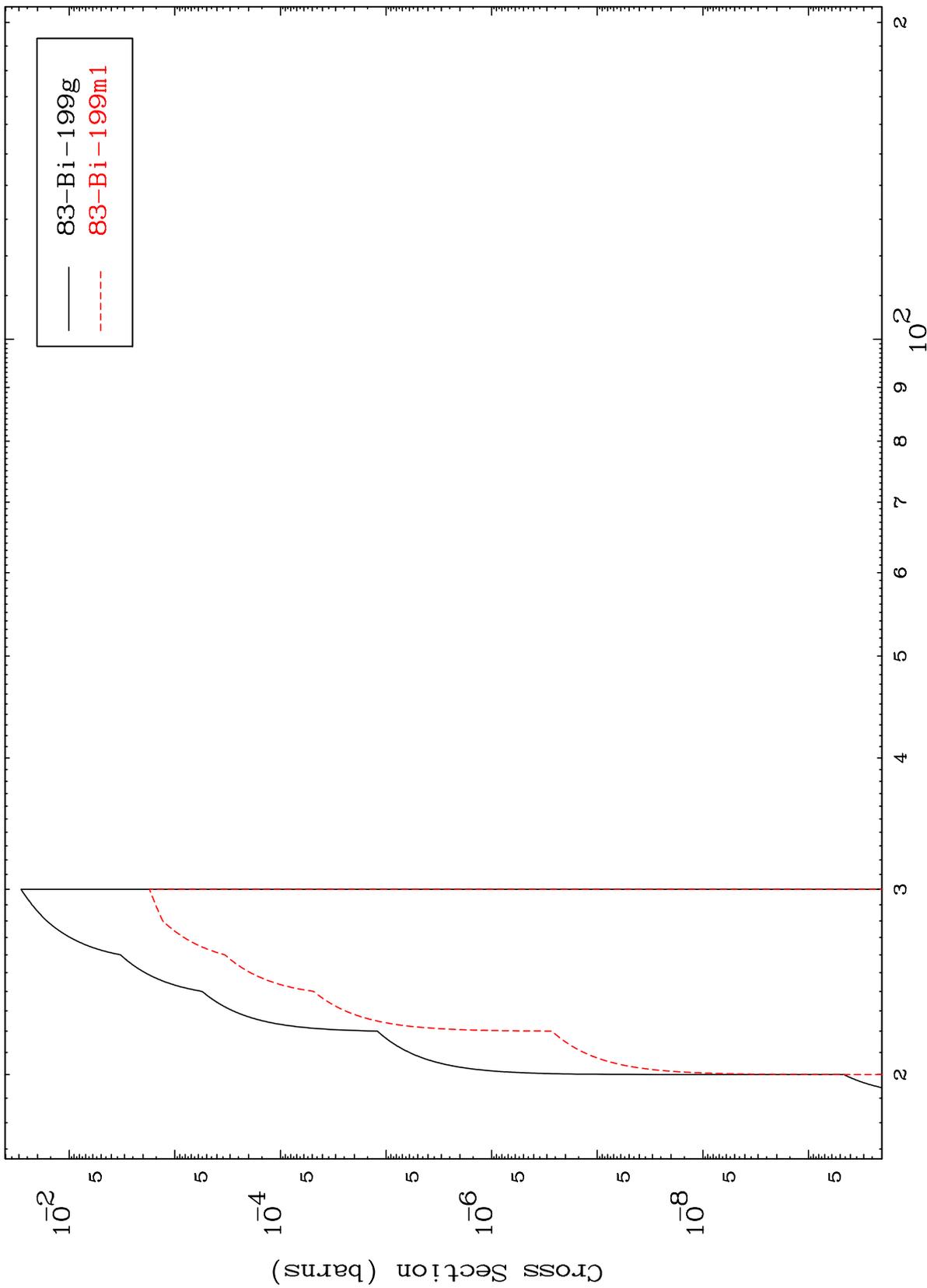


12

Incident Energy (MeV)

82-Pb-197

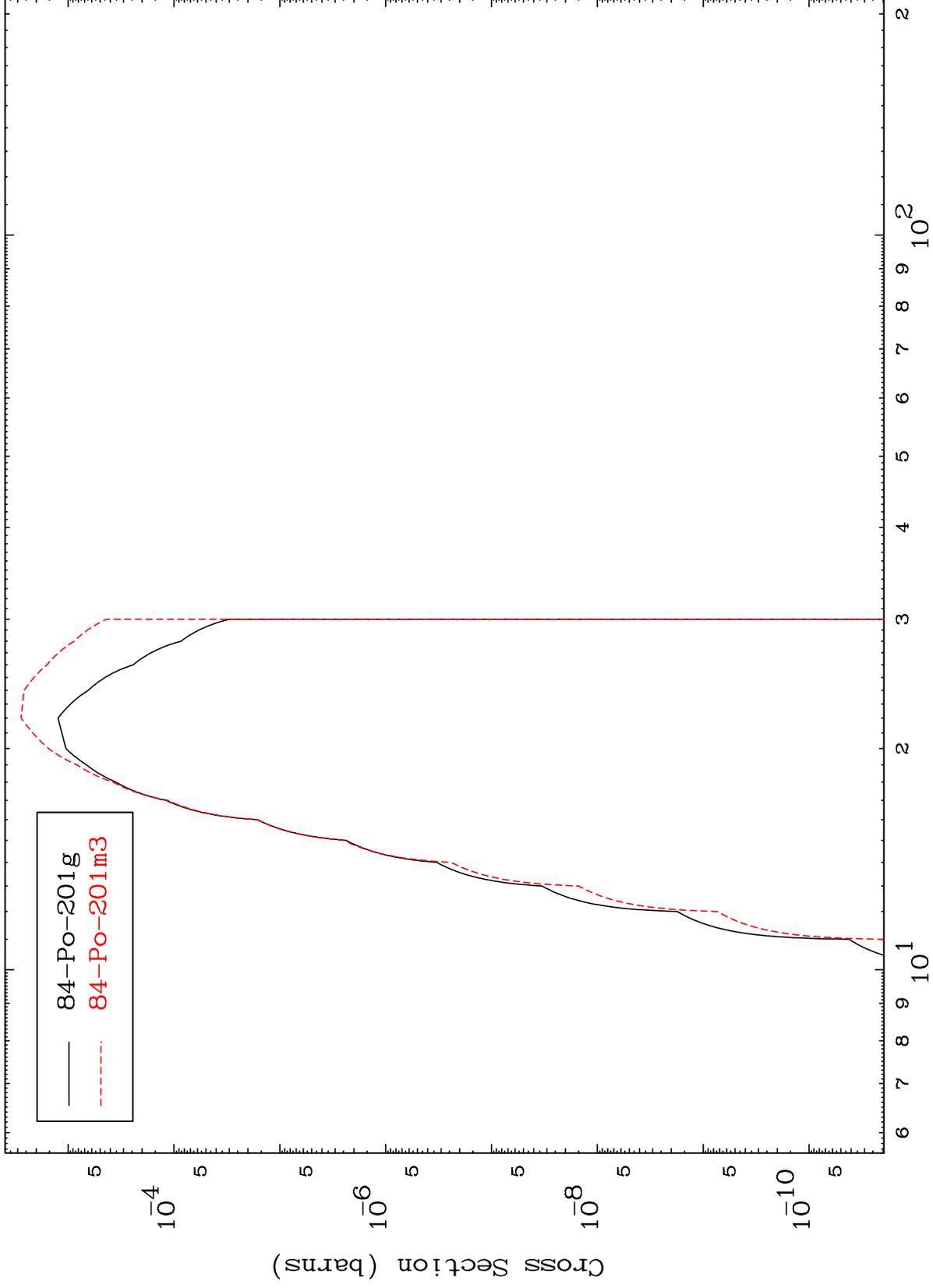
Radionuclide Production Cross Section



MAT 8204

82-Pb-197

Radionuclide Production Cross Section
(n, γ)



14

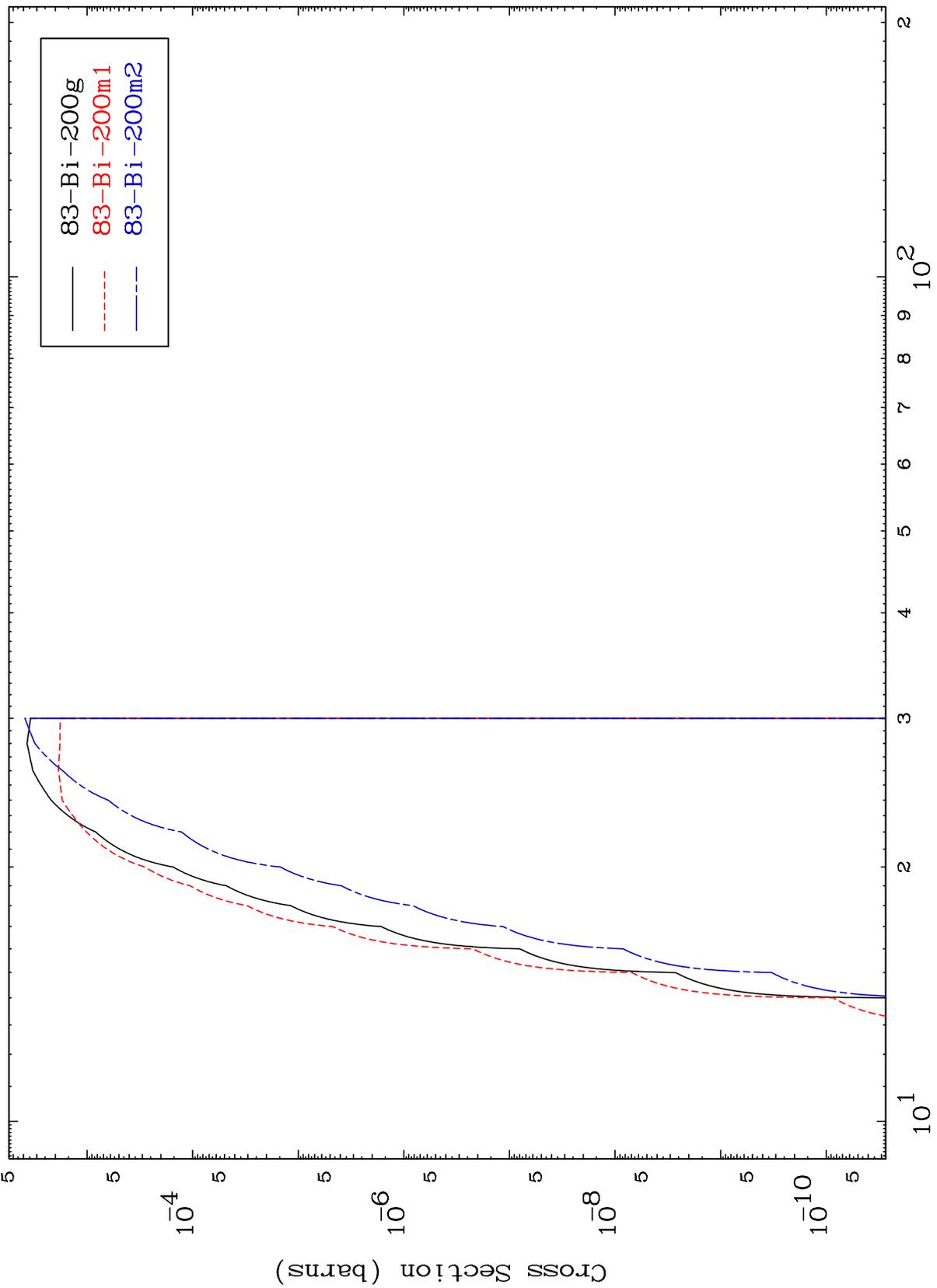
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

(n,p)
Radionuclide Production Cross Section

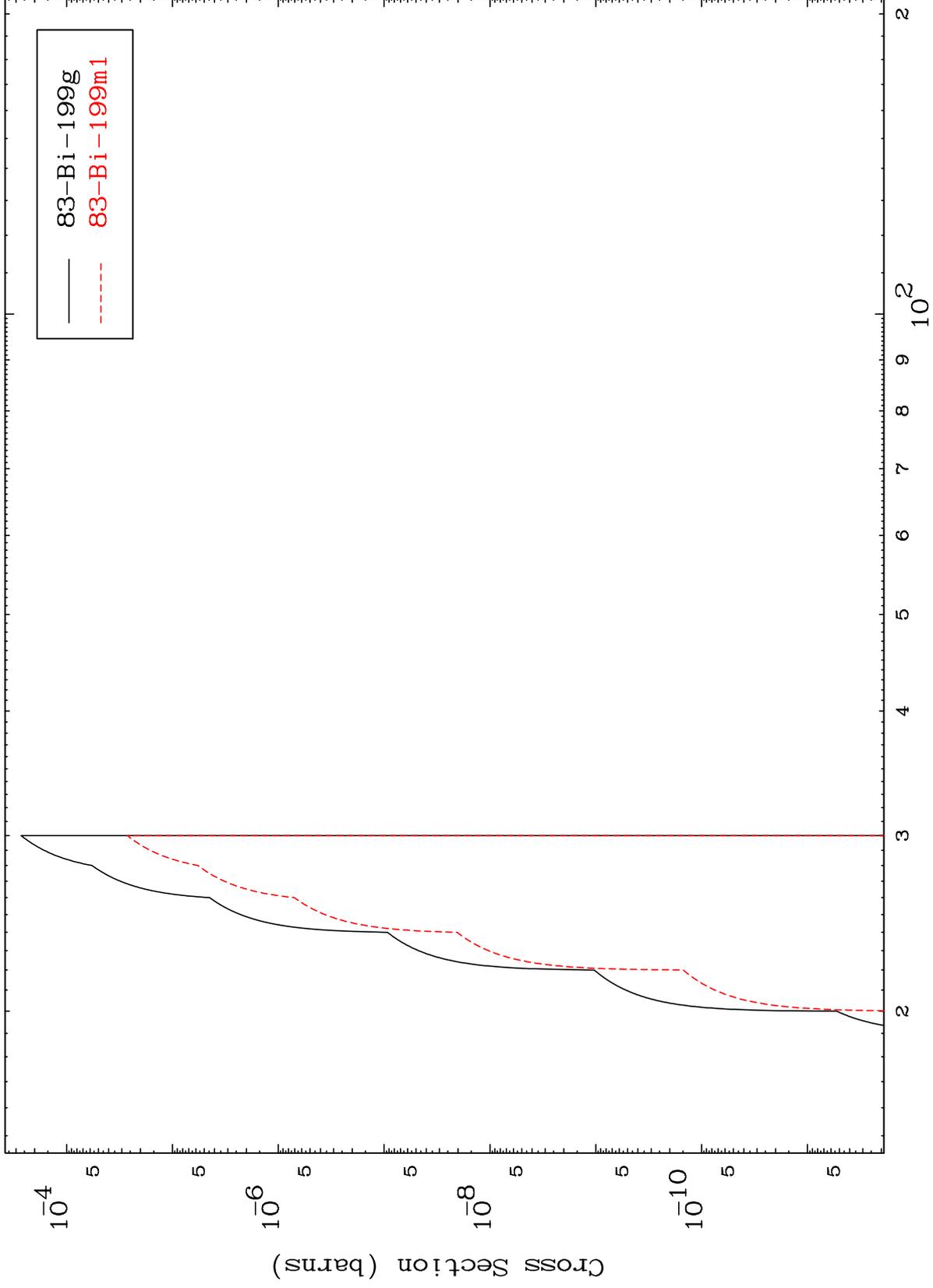


82-Pb-197

Incident Energy (MeV)

15

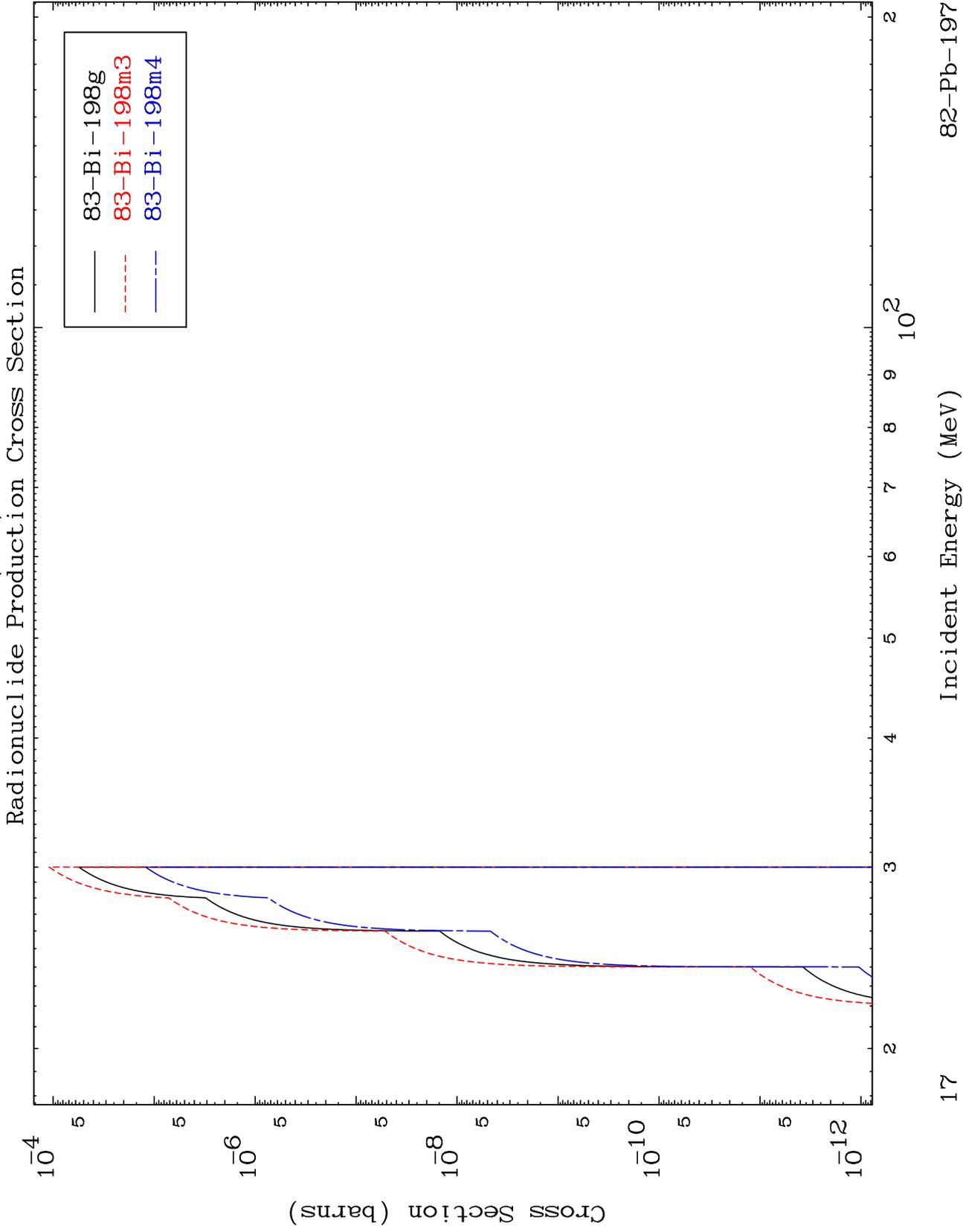
(n,d)
Radionuclide Production Cross Section



MAT 8204

(n, t)

82-Pb-197



17

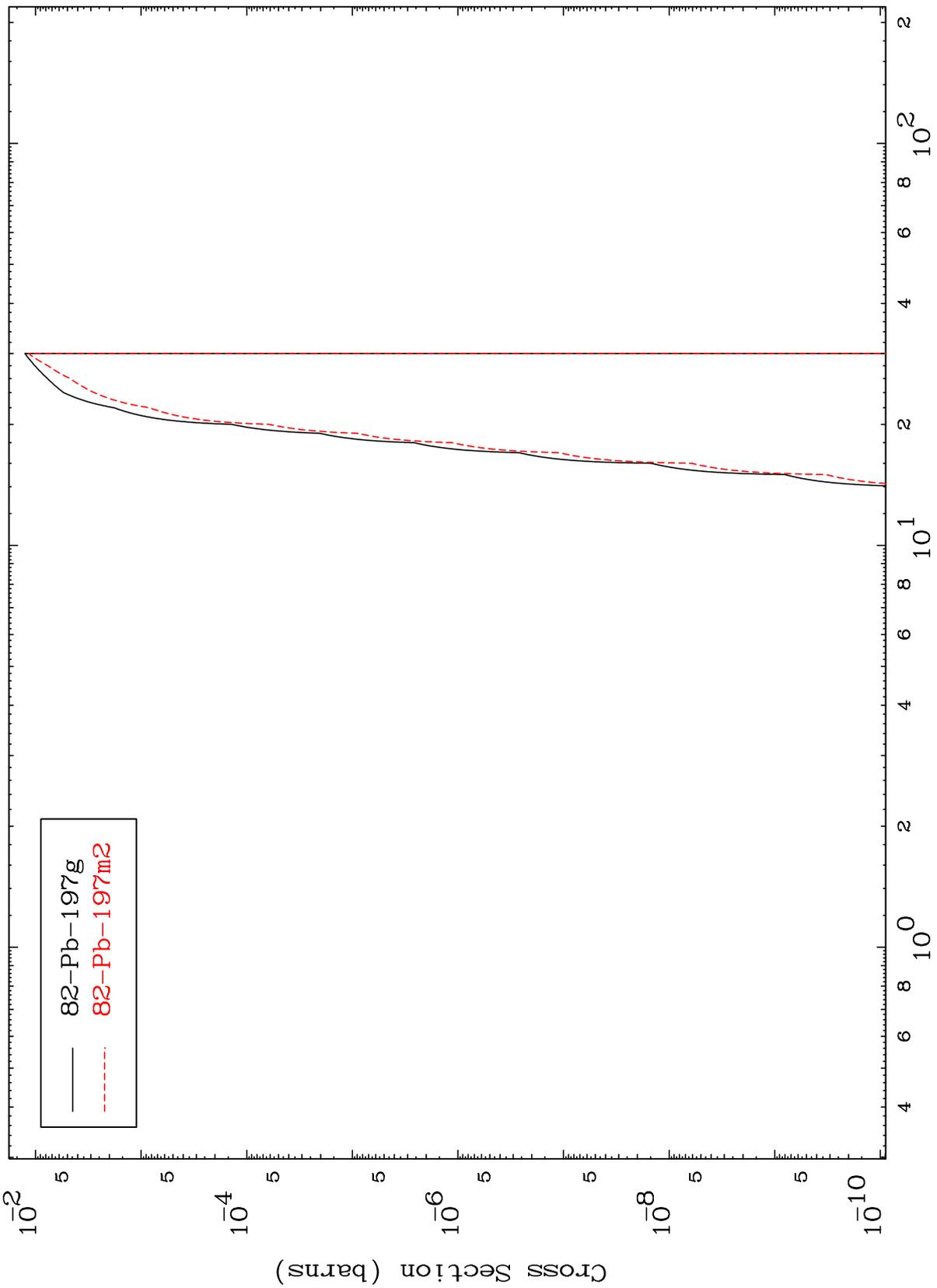
82-Pb-197

MAT 8204

(n, α)

82-Pb-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

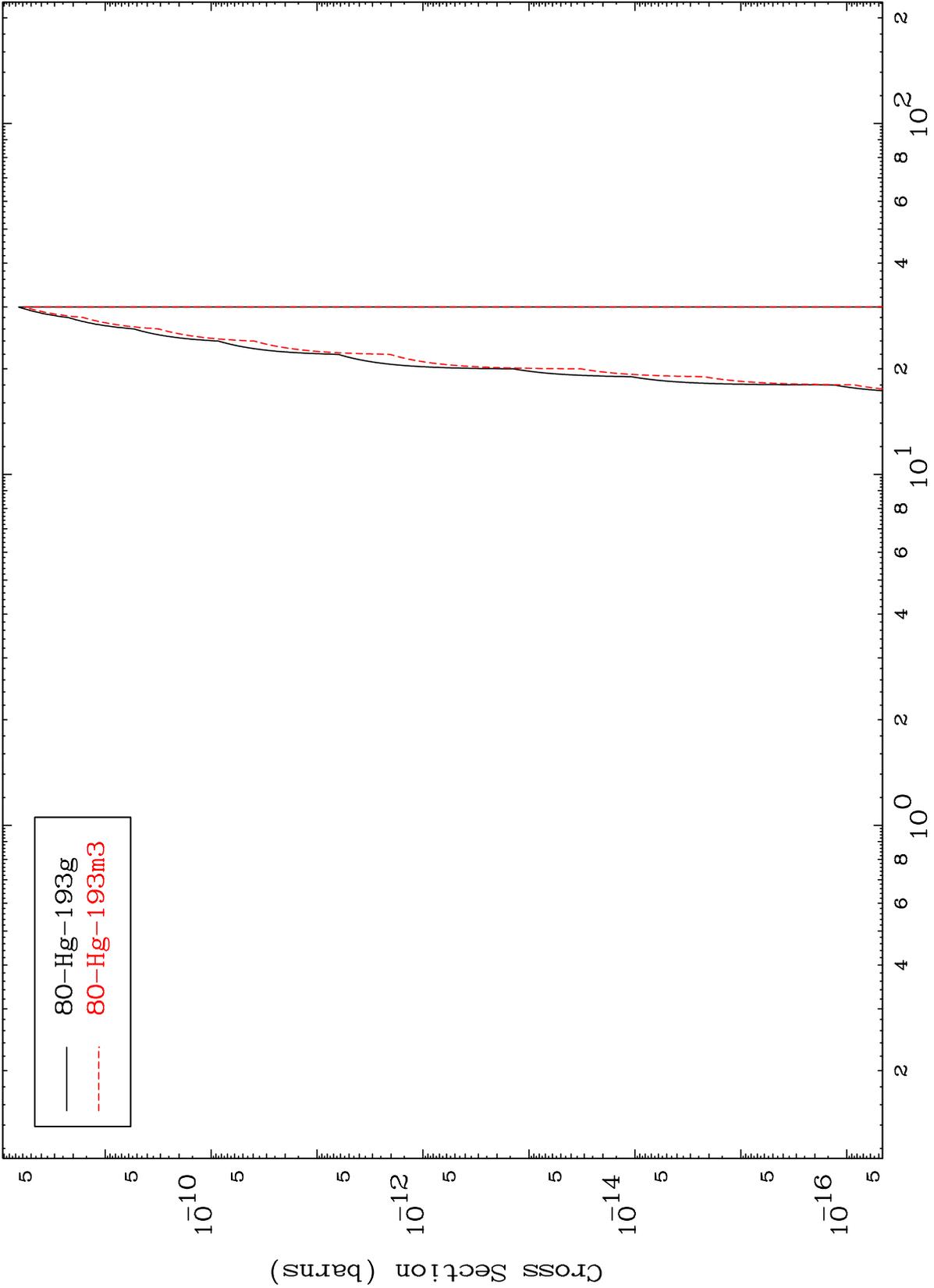
82-Pb-197

MAT 8204

(n,2α)

82-Pb-197

Radionuclide Production Cross Section



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

19

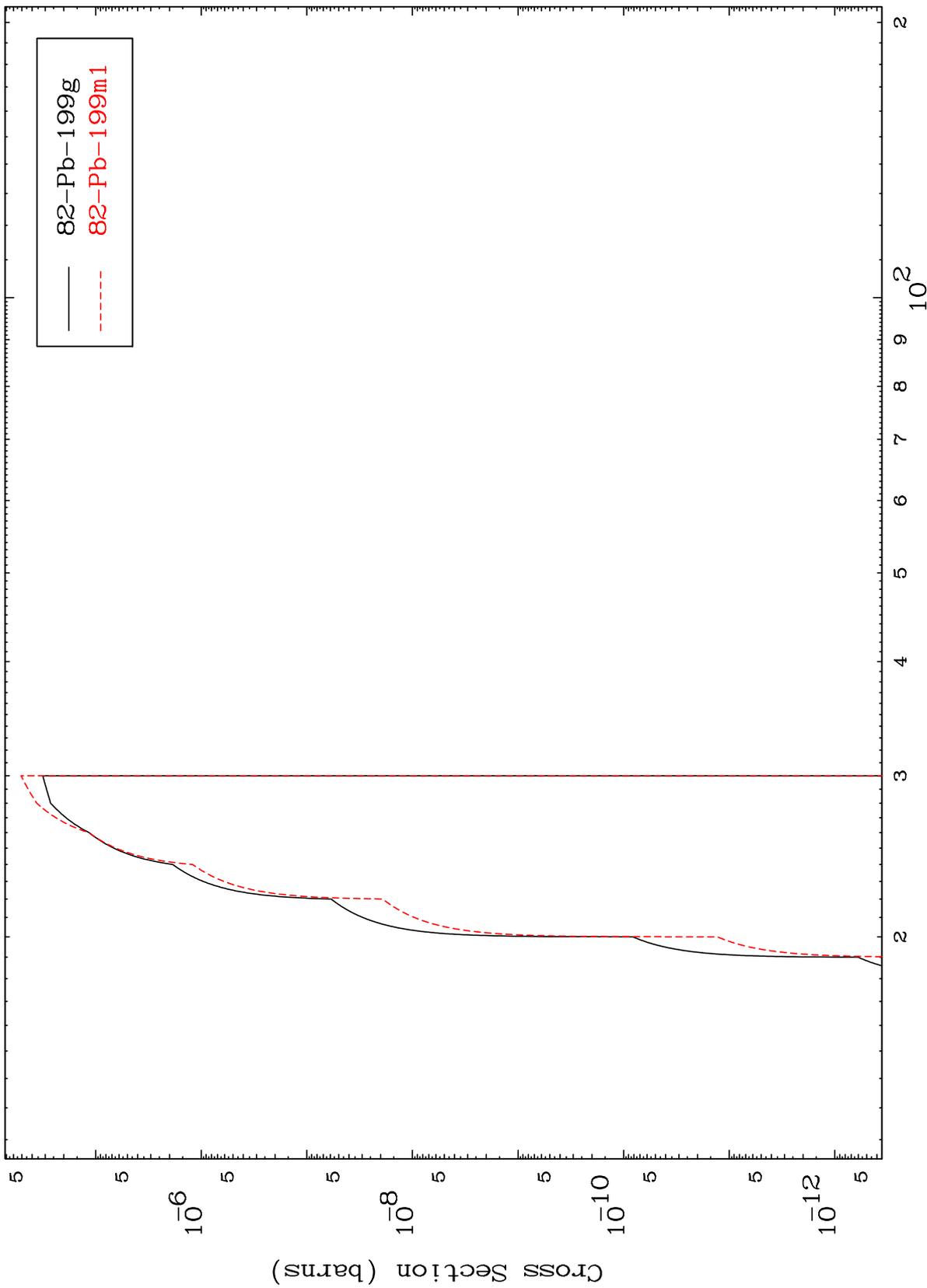
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

(n,2p)
Radionuclide Production Cross Section



82-Pb-197

Incident Energy (MeV)

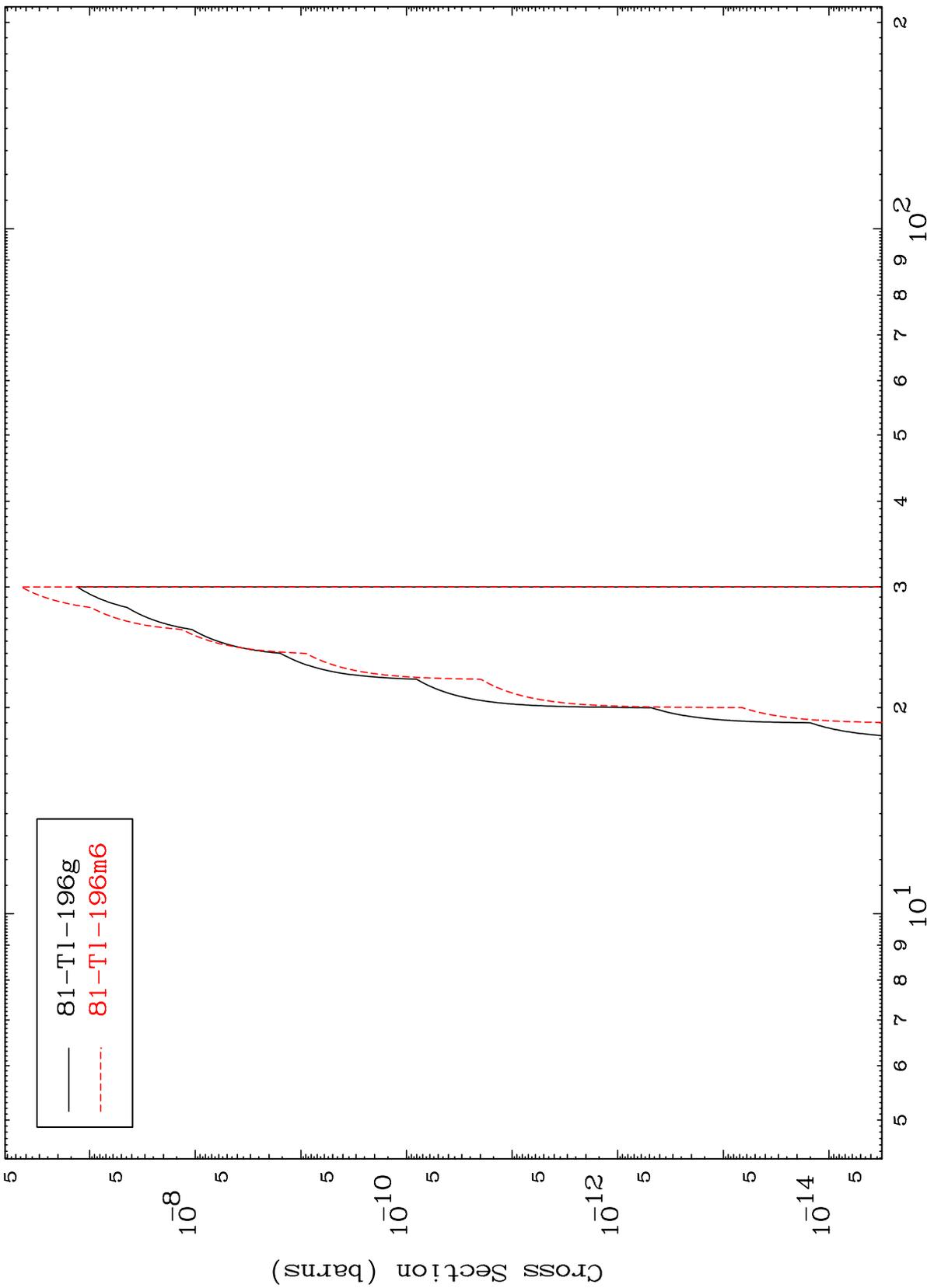
20

MAT 8204

(n,p) α

82-Pb-197

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

Incident Energy (MeV)

82-Pb-197

21