

Program EVALPLOT
(Version 2018-1)

by

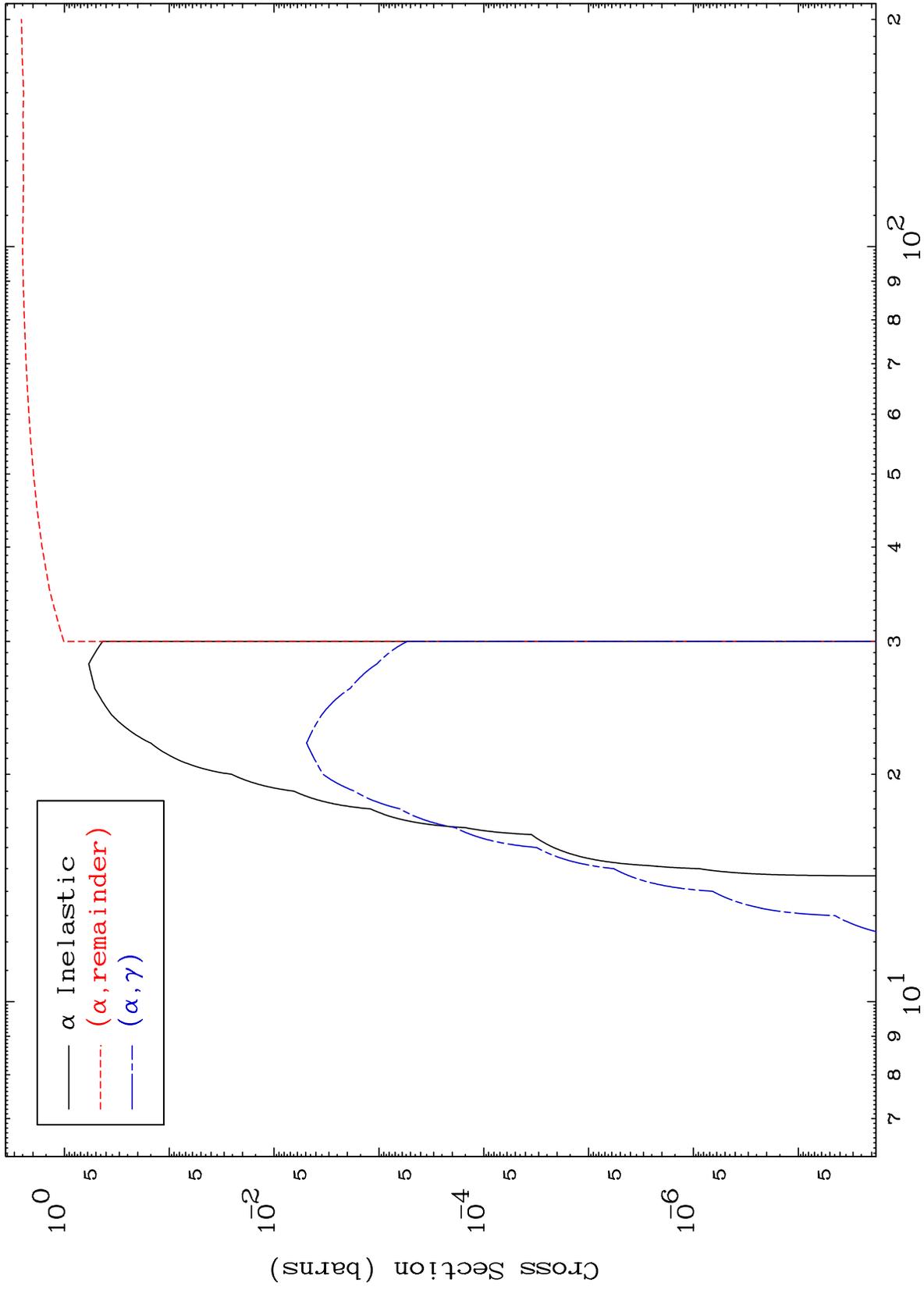
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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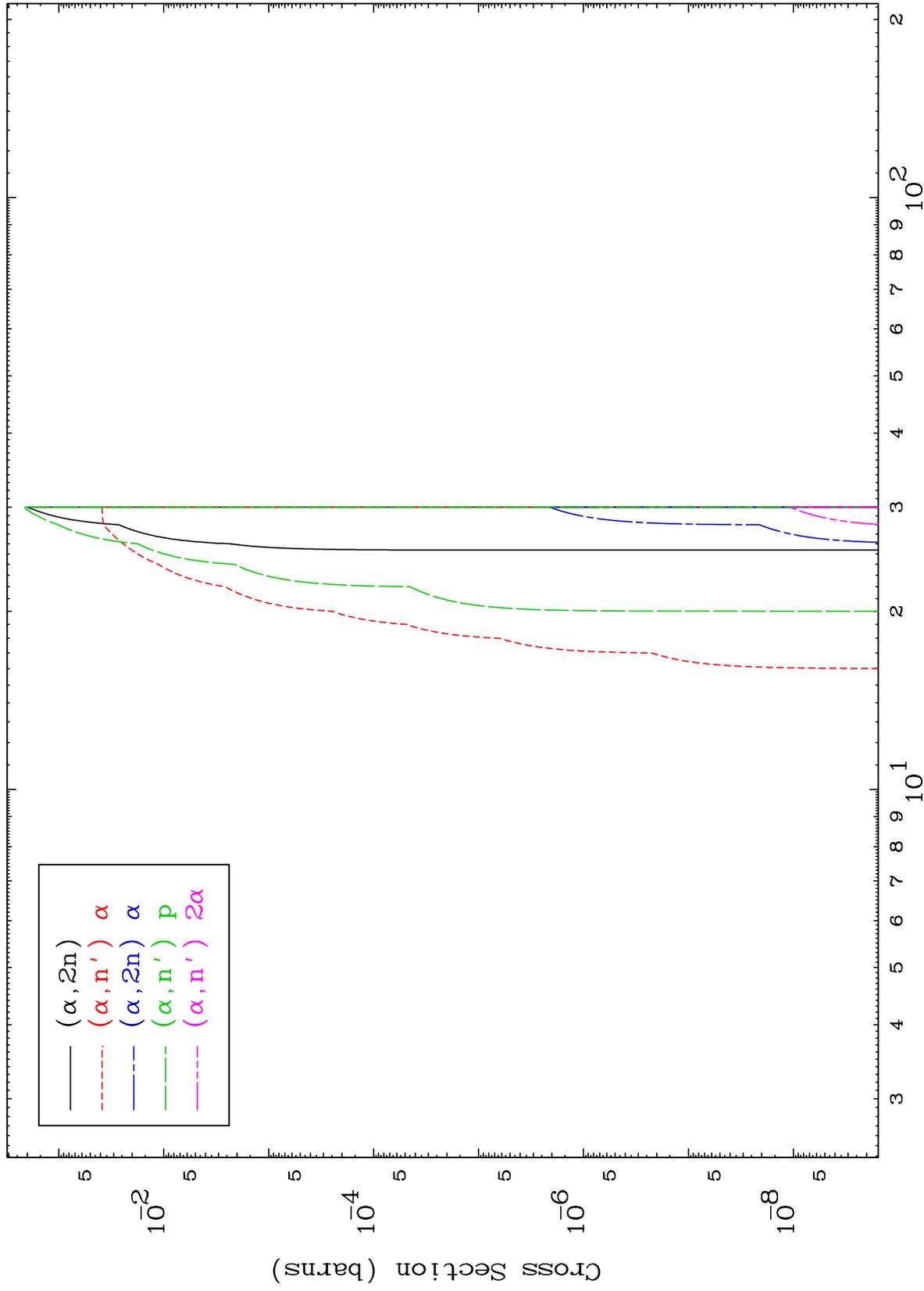
Press Mouse Button to Start



MAT 8192

α Neutron Production
0 Kelvin Cross Sections

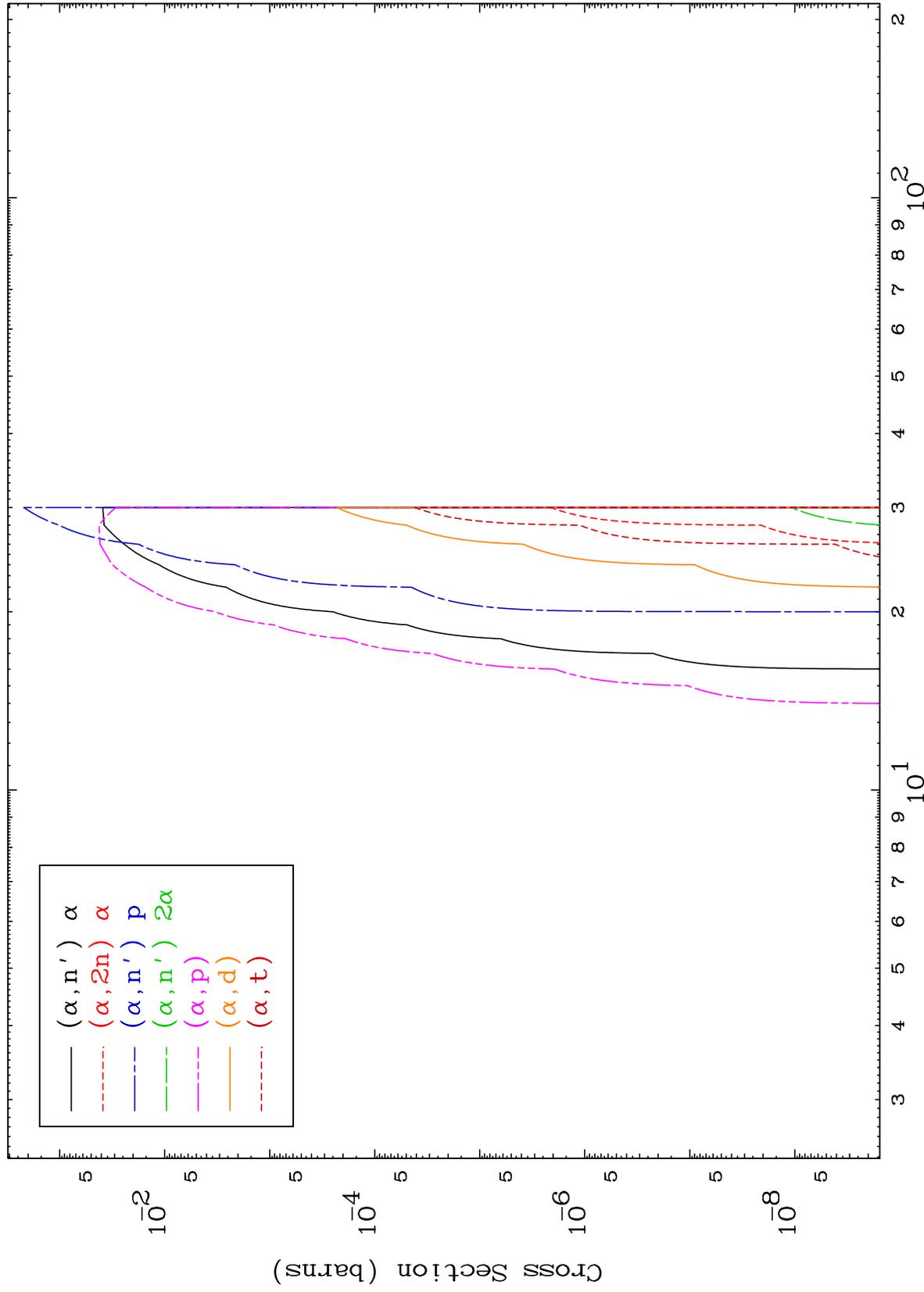
82-Pb-193



2

Incident Energy (MeV)

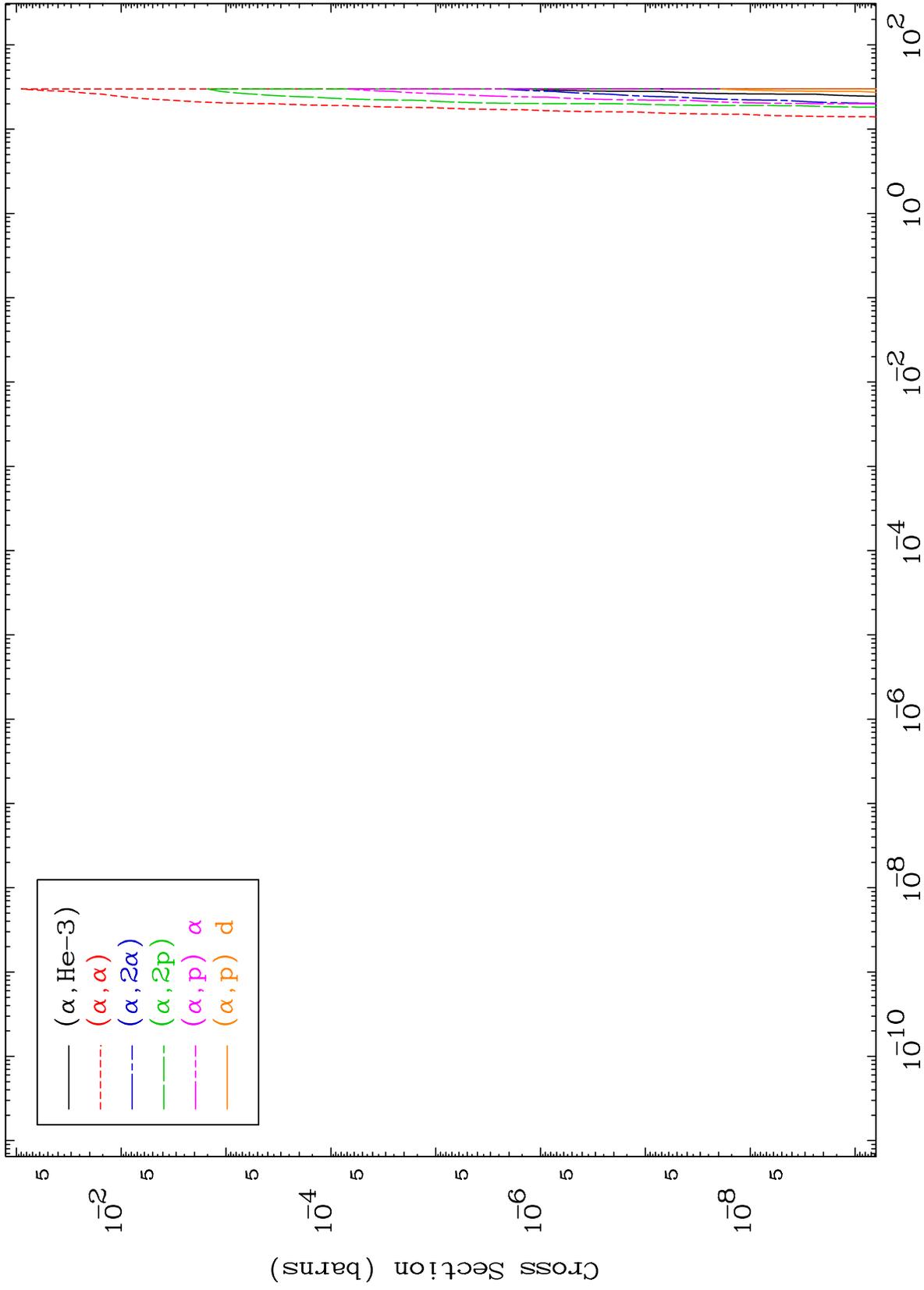
82-Pb-193

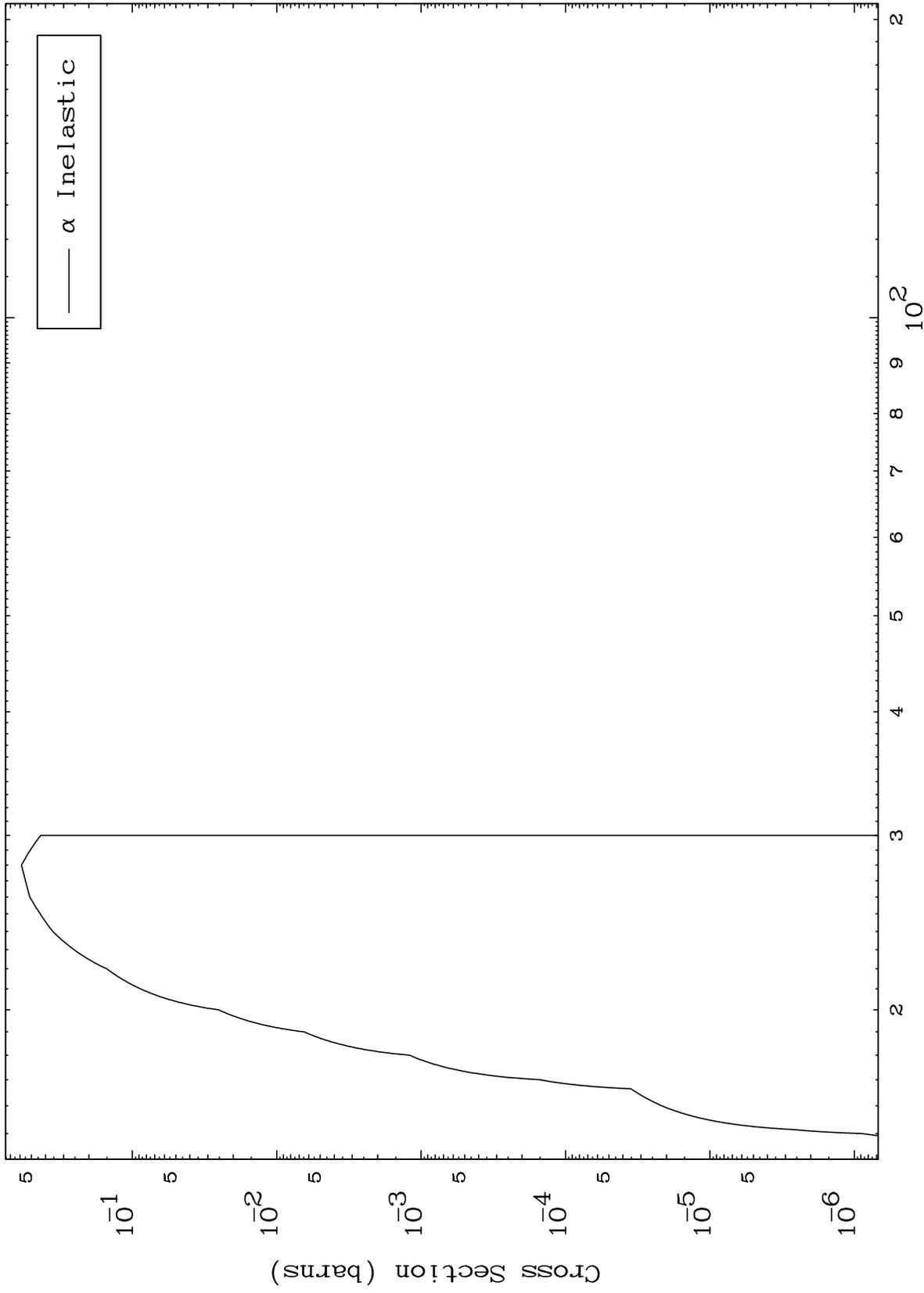


MAT 8192

α Charged Particle
0 Kelvin Cross Sections

82-Pb-193

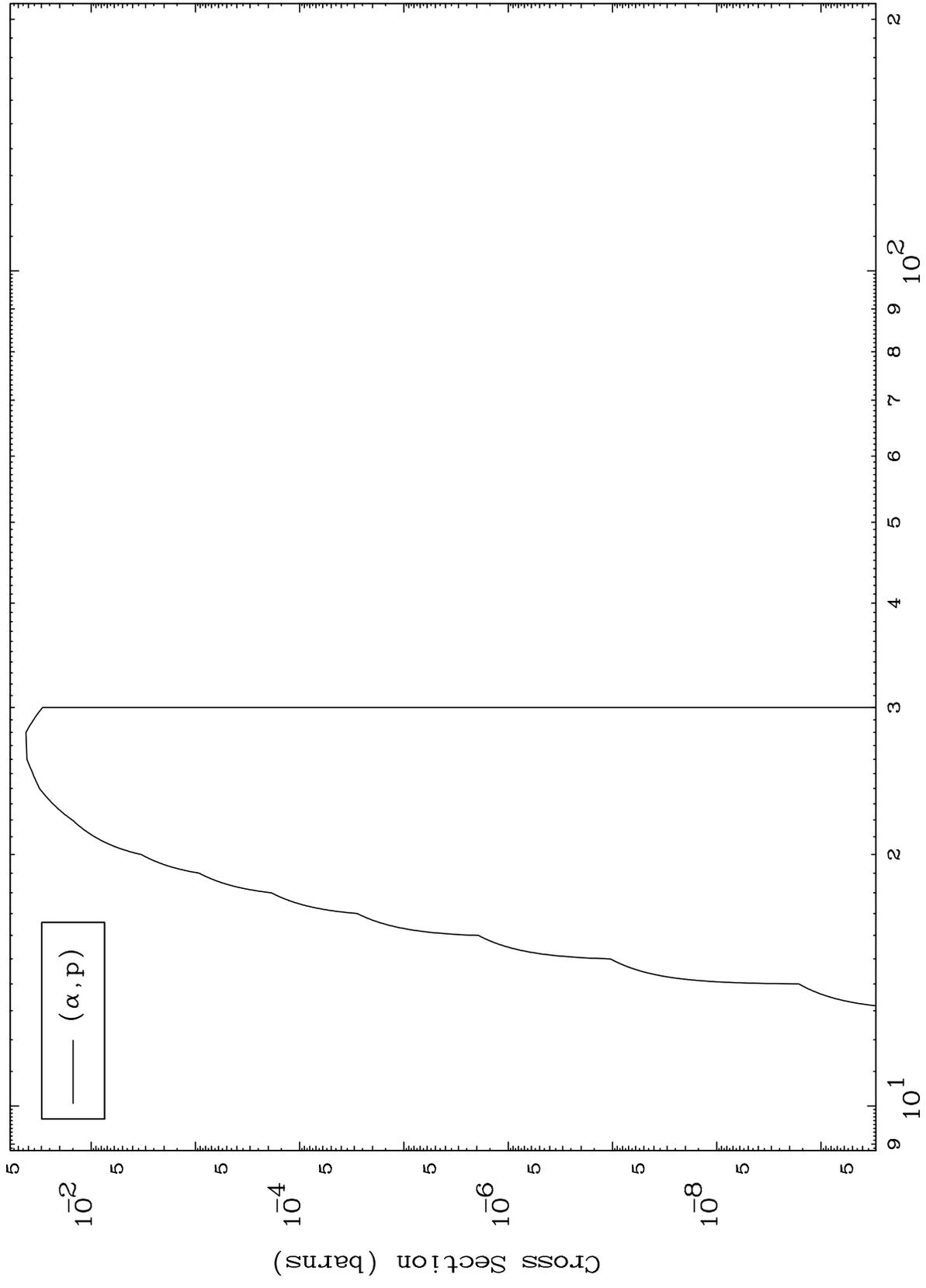




MAT 8192

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-193



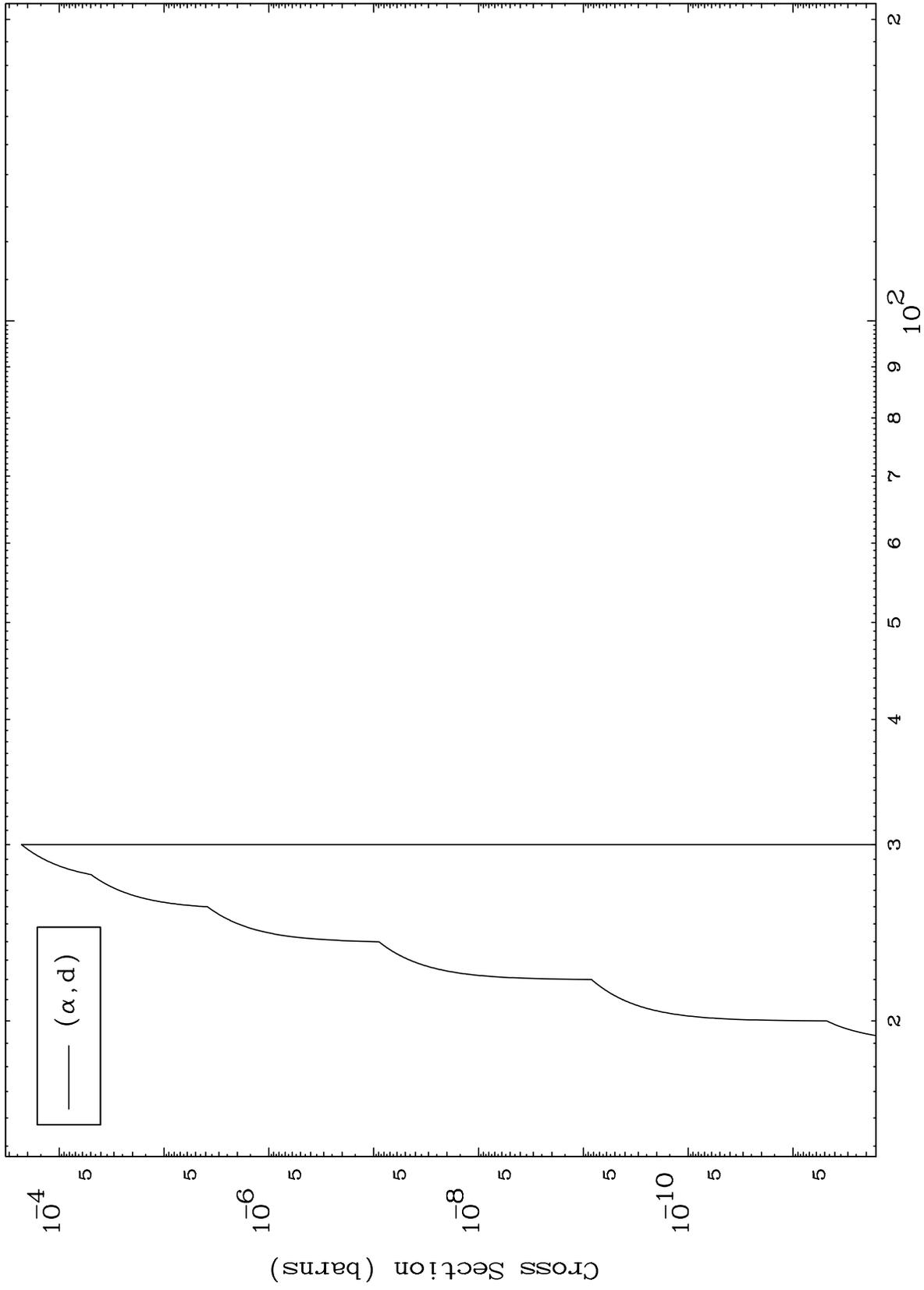
Incident Energy (MeV)

82-Pb-193

MAT 8192

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-193



7

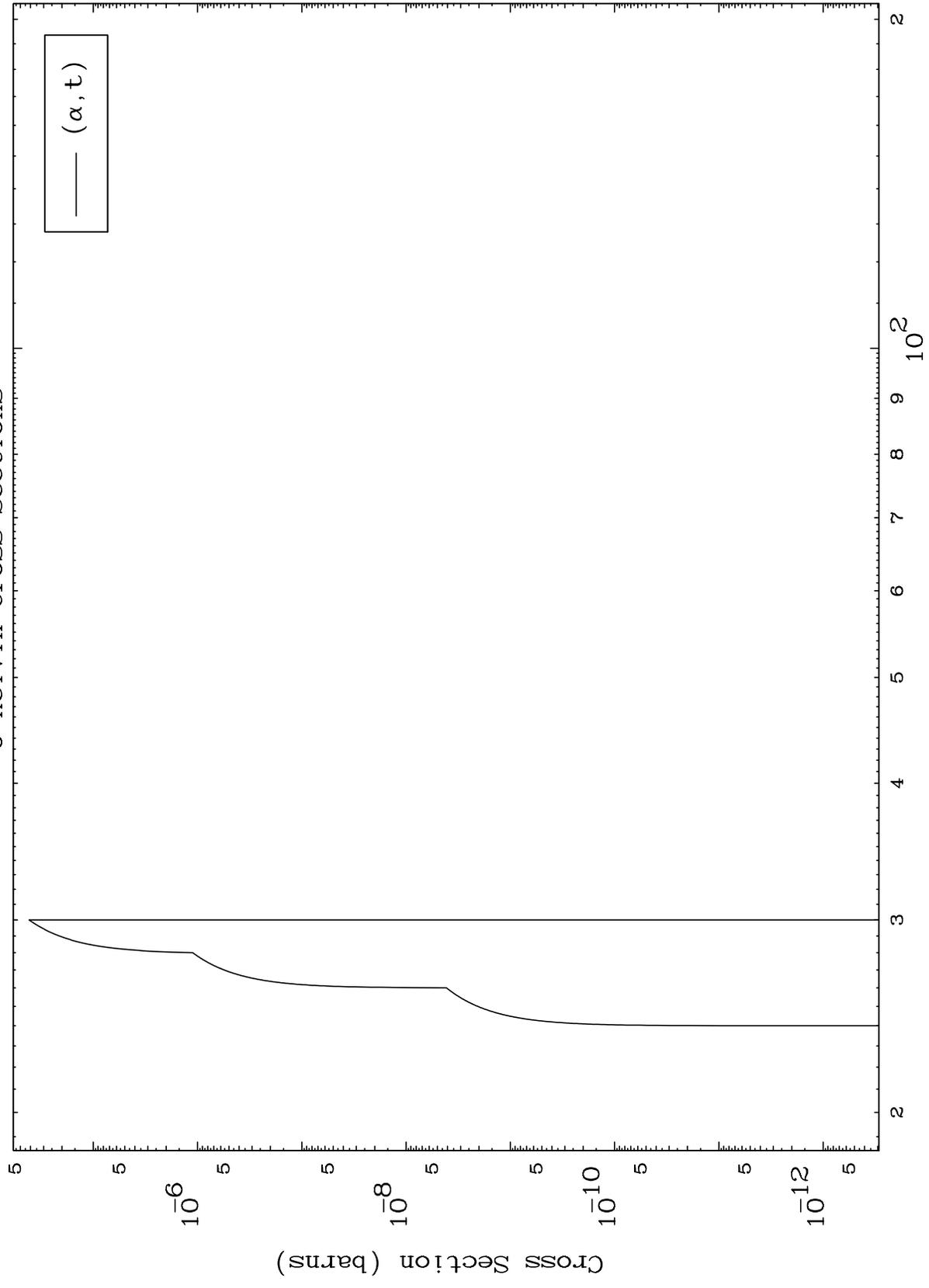
Incident Energy (MeV)

82-Pb-193

MAT 8192

(α, t) Levels
0 Kelvin Cross Sections

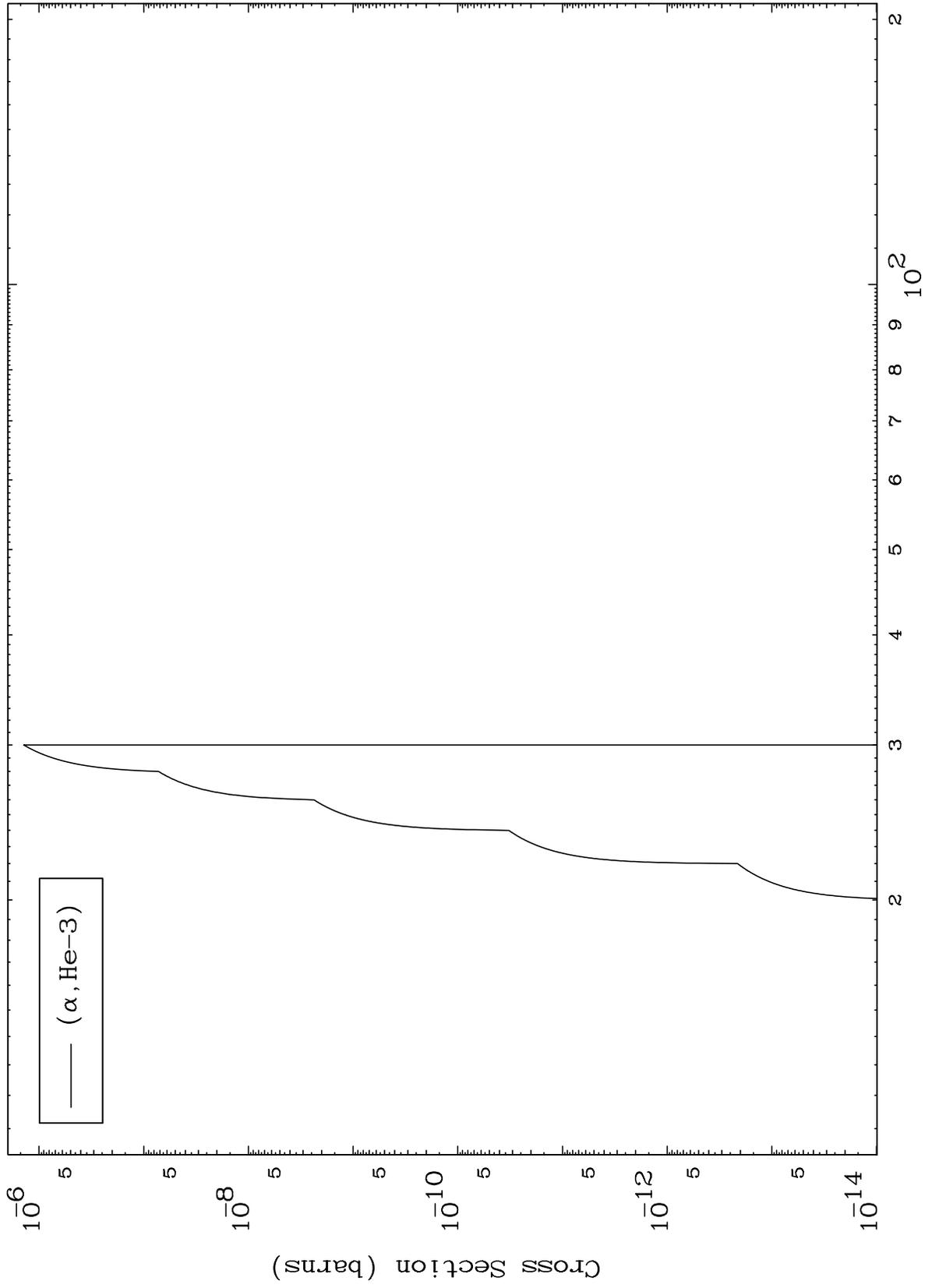
82-Pb-193



8

Incident Energy (MeV)

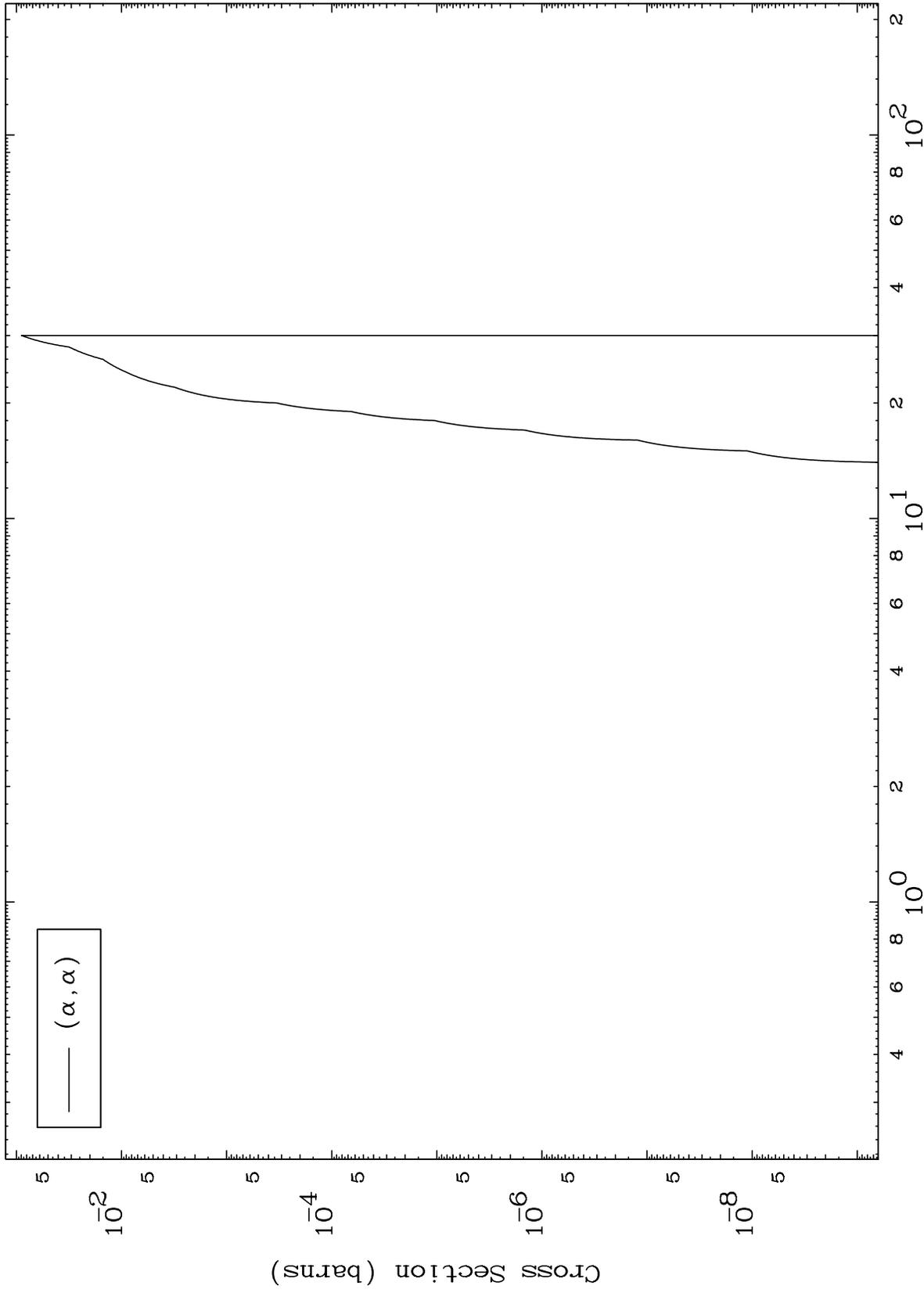
82-Pb-193



MAT 8192

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-193



10

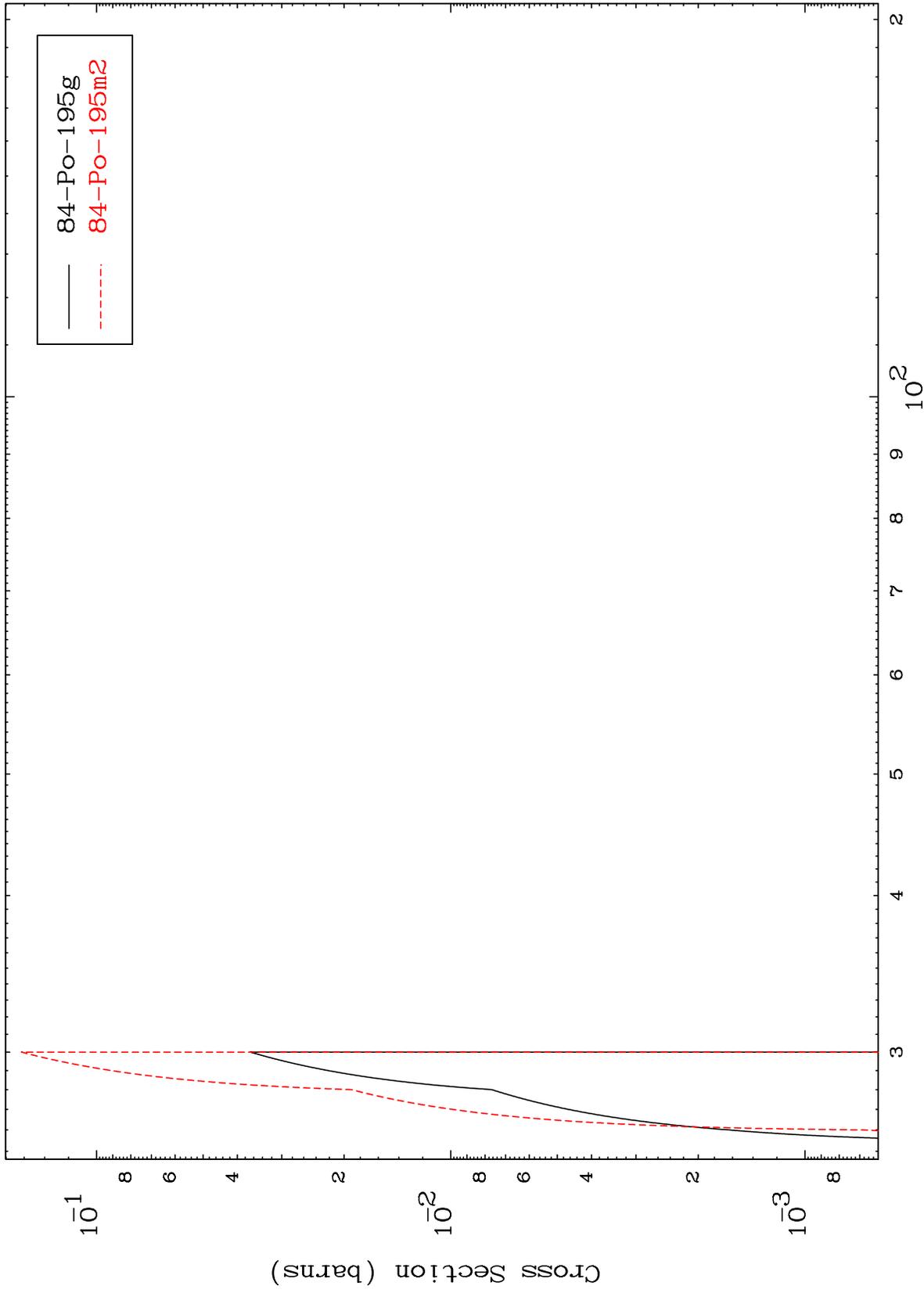
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

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



82-Pb-193

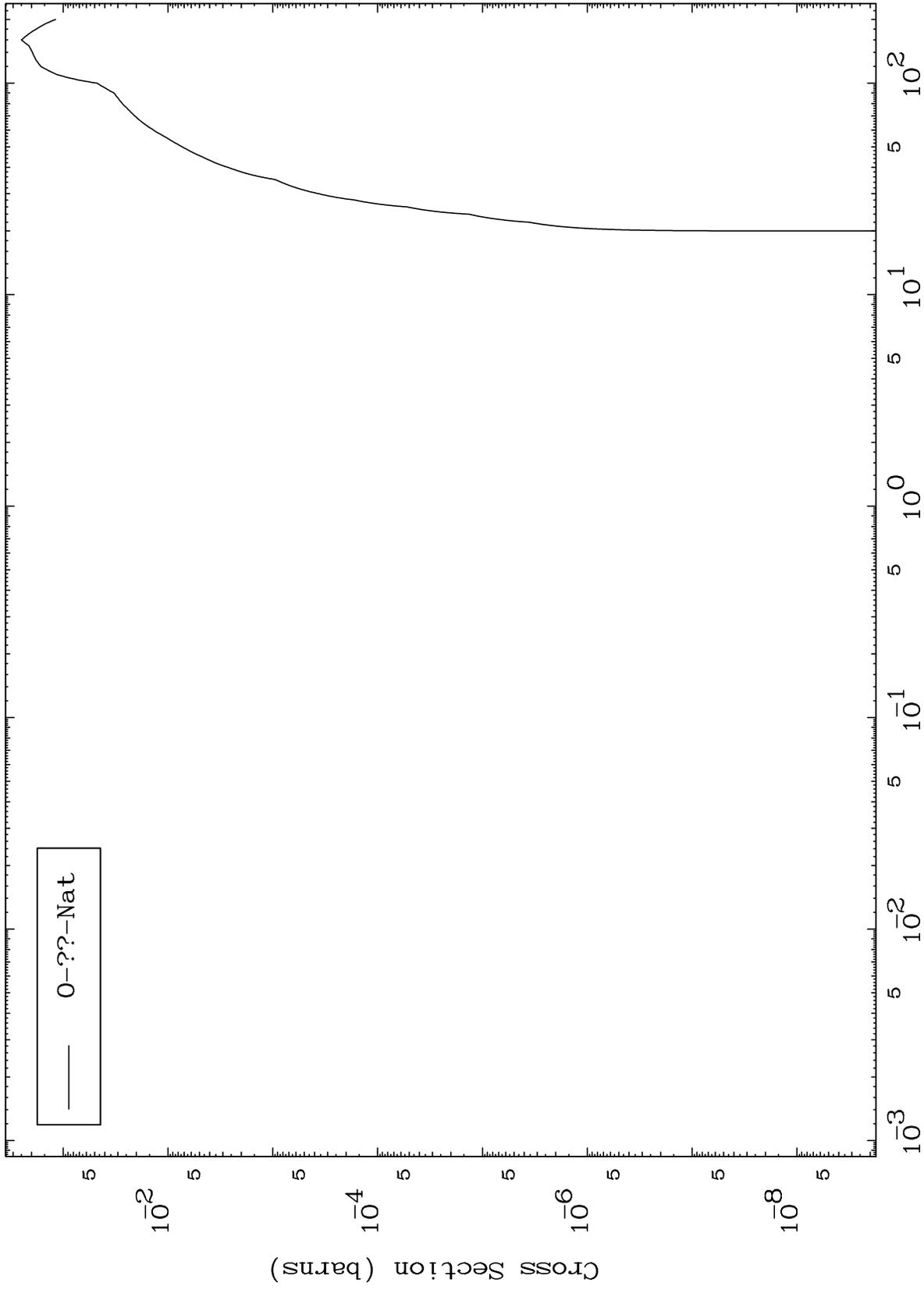
Incident Energy (MeV)

11

MAT 8192

α Fission
Radionuclide Production Cross Section

82-Pb-193



12

Incident Energy (MeV)

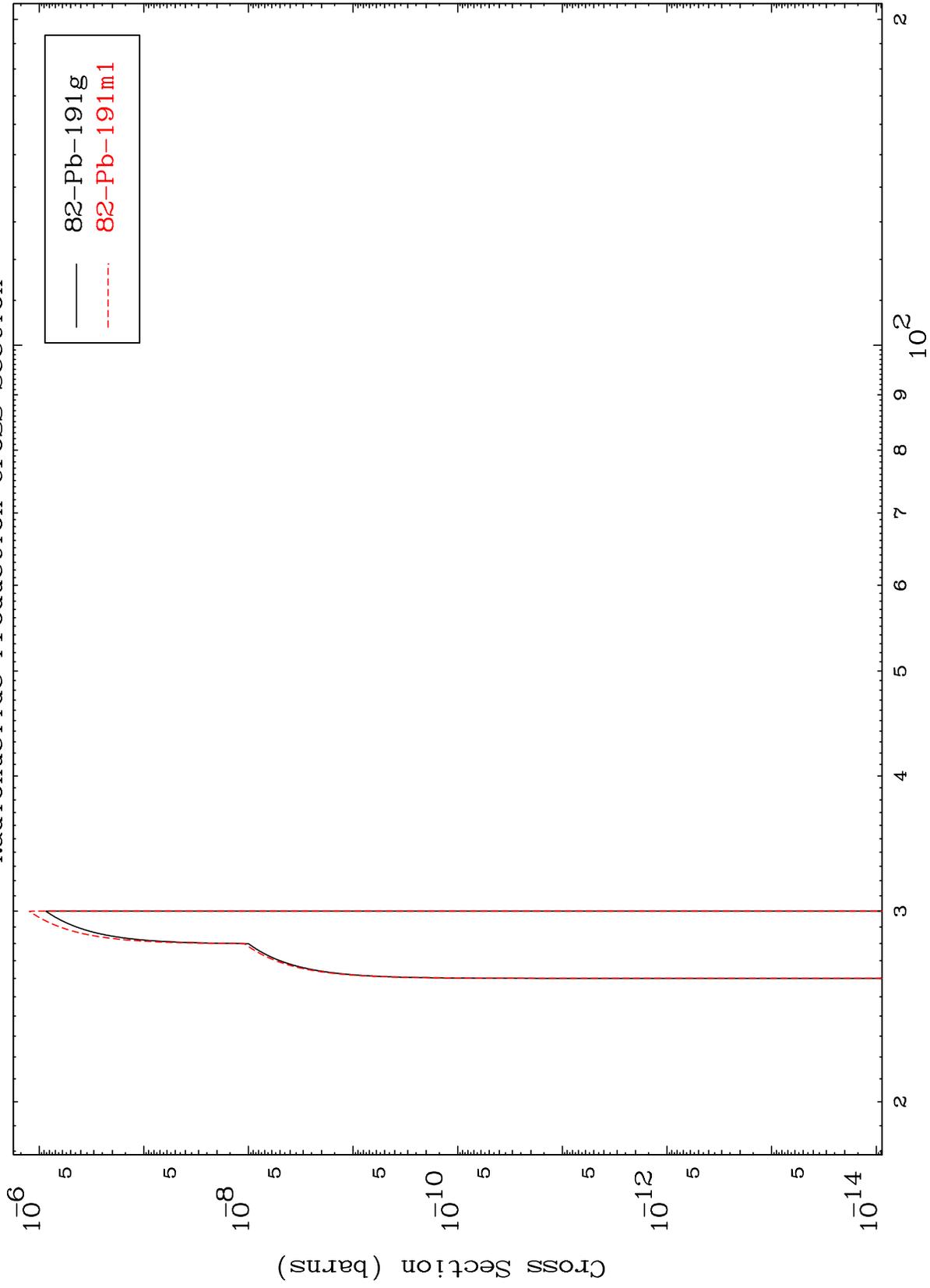
82-Pb-193

MAT 8192

$(\alpha, 2n) \alpha$

82-Pb-193

Radionuclide Production Cross Section



13

Incident Energy (MeV)

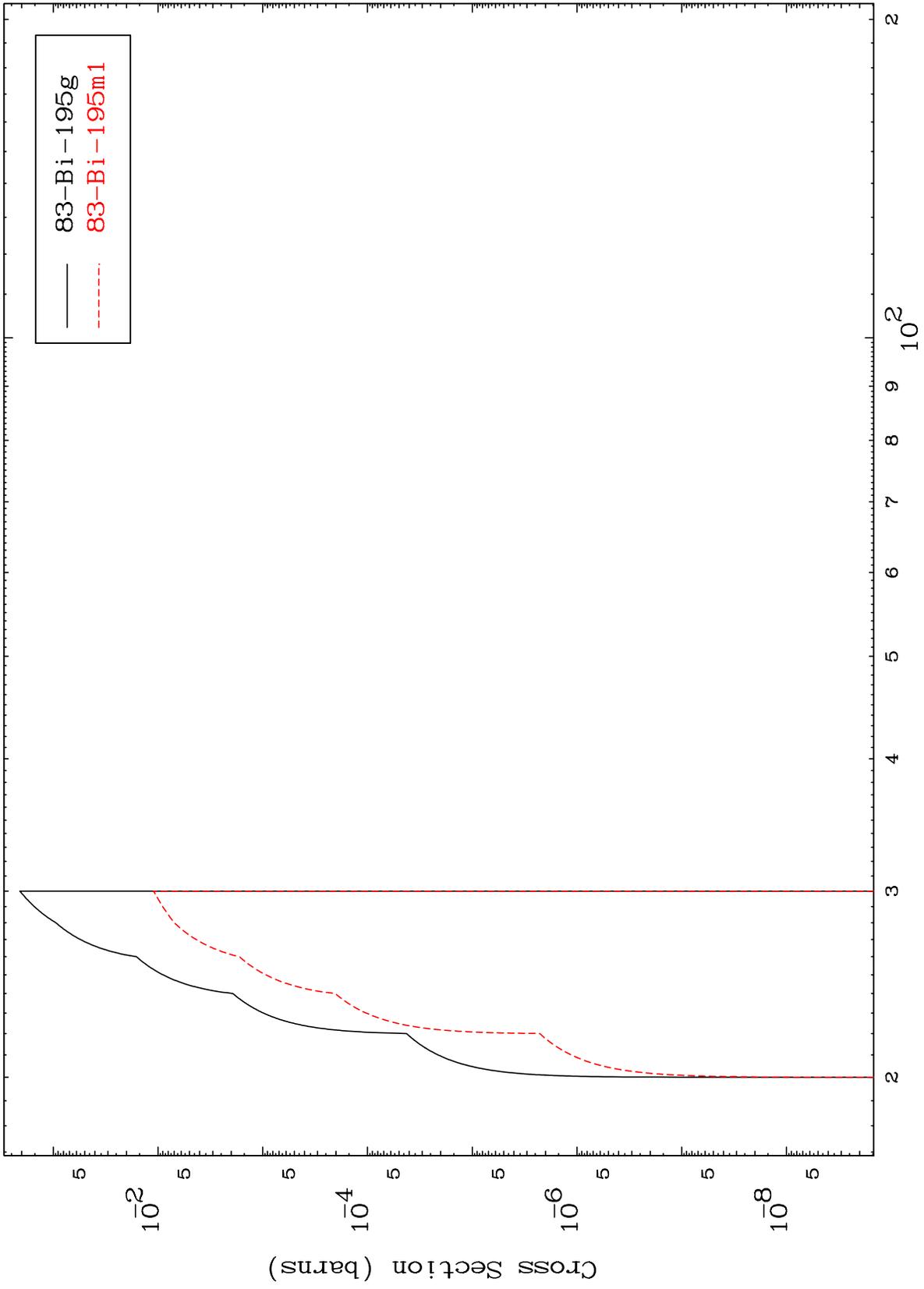
82-Pb-193

MAT 8192

(α, n') p

82-Pb-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

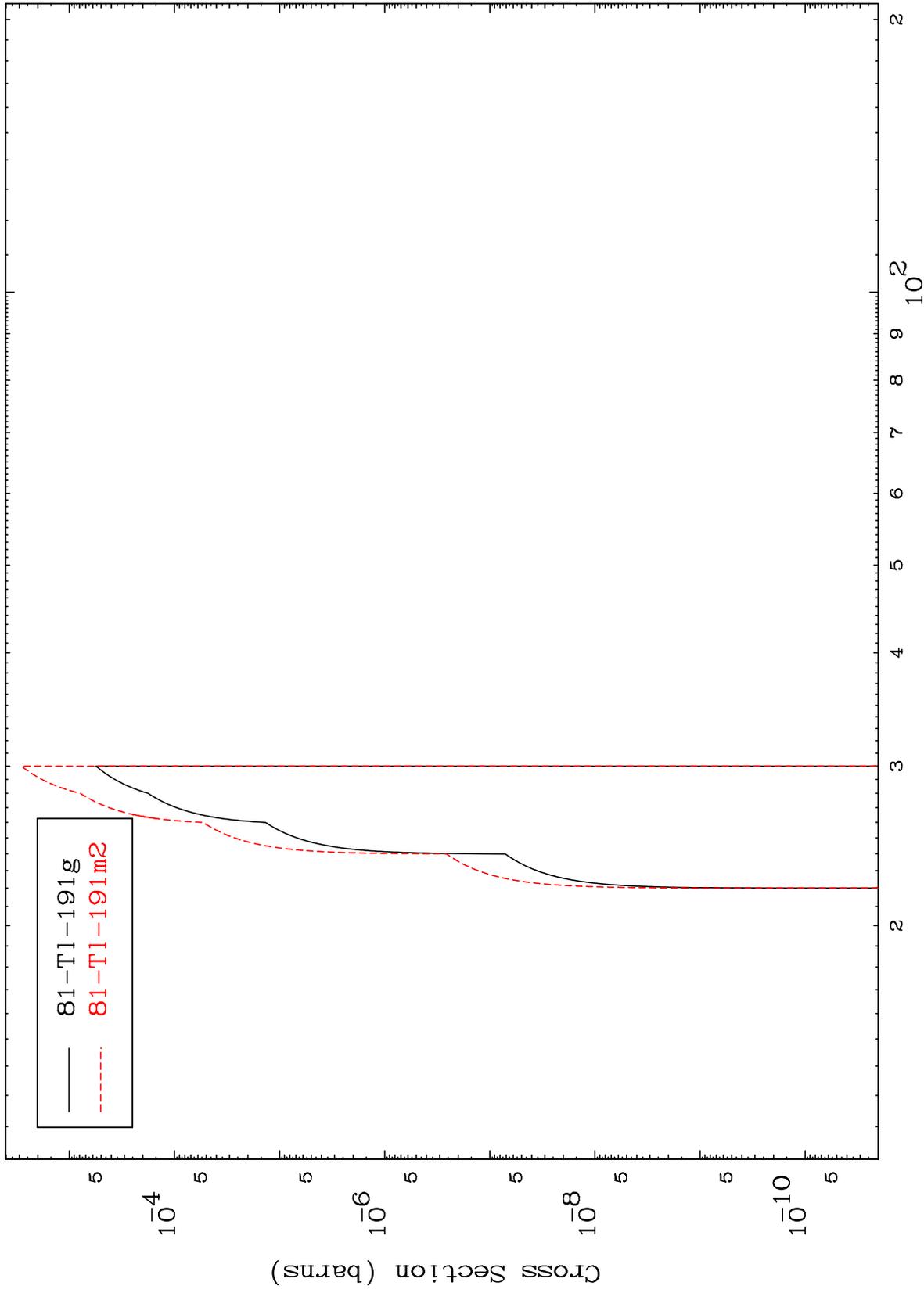
82-Pb-193

MAT 8192

(α, n') p α

82-Pb-193

Radionuclide Production Cross Section



15

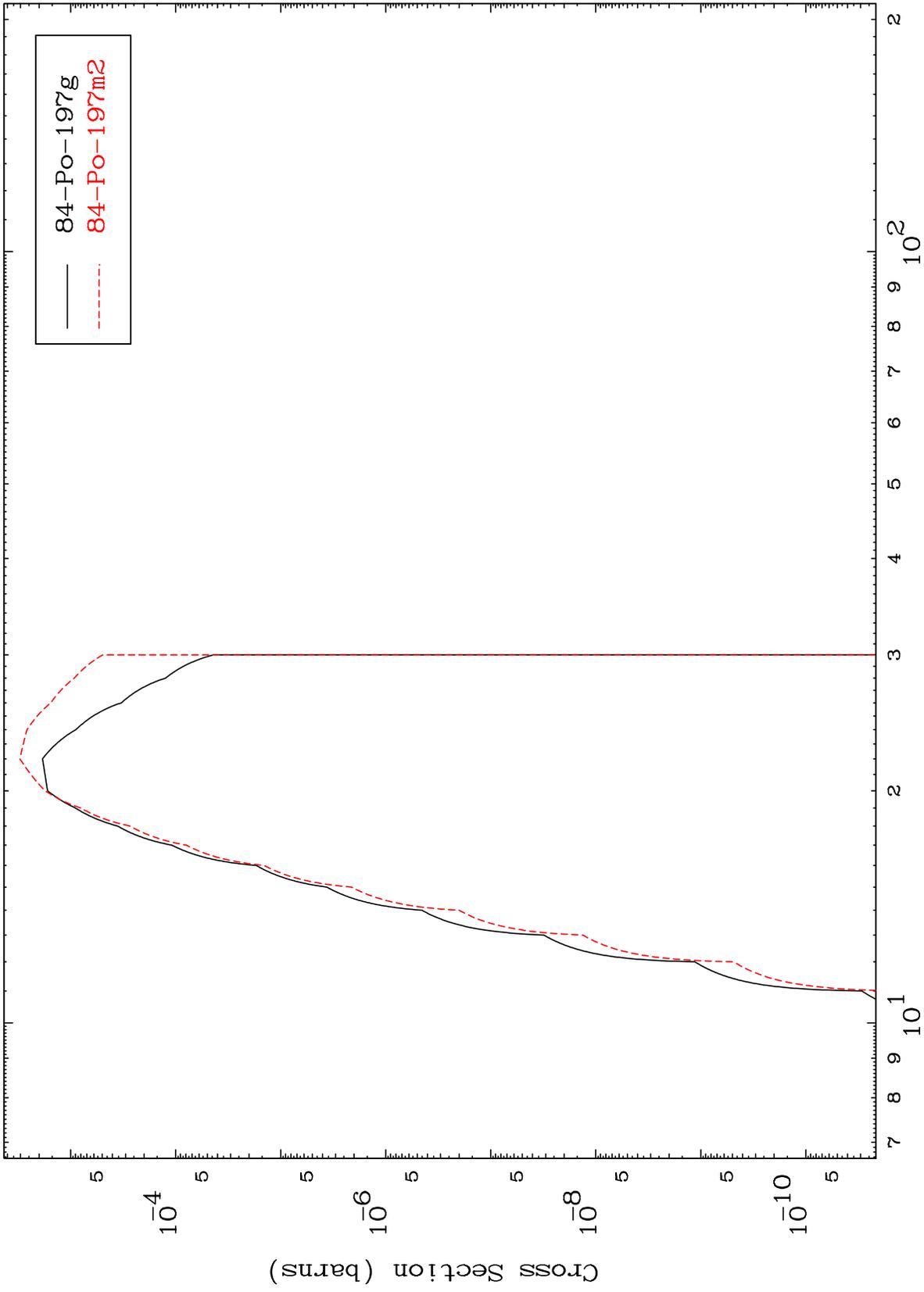
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

(α, γ)
Radionuclide Production Cross Section



16

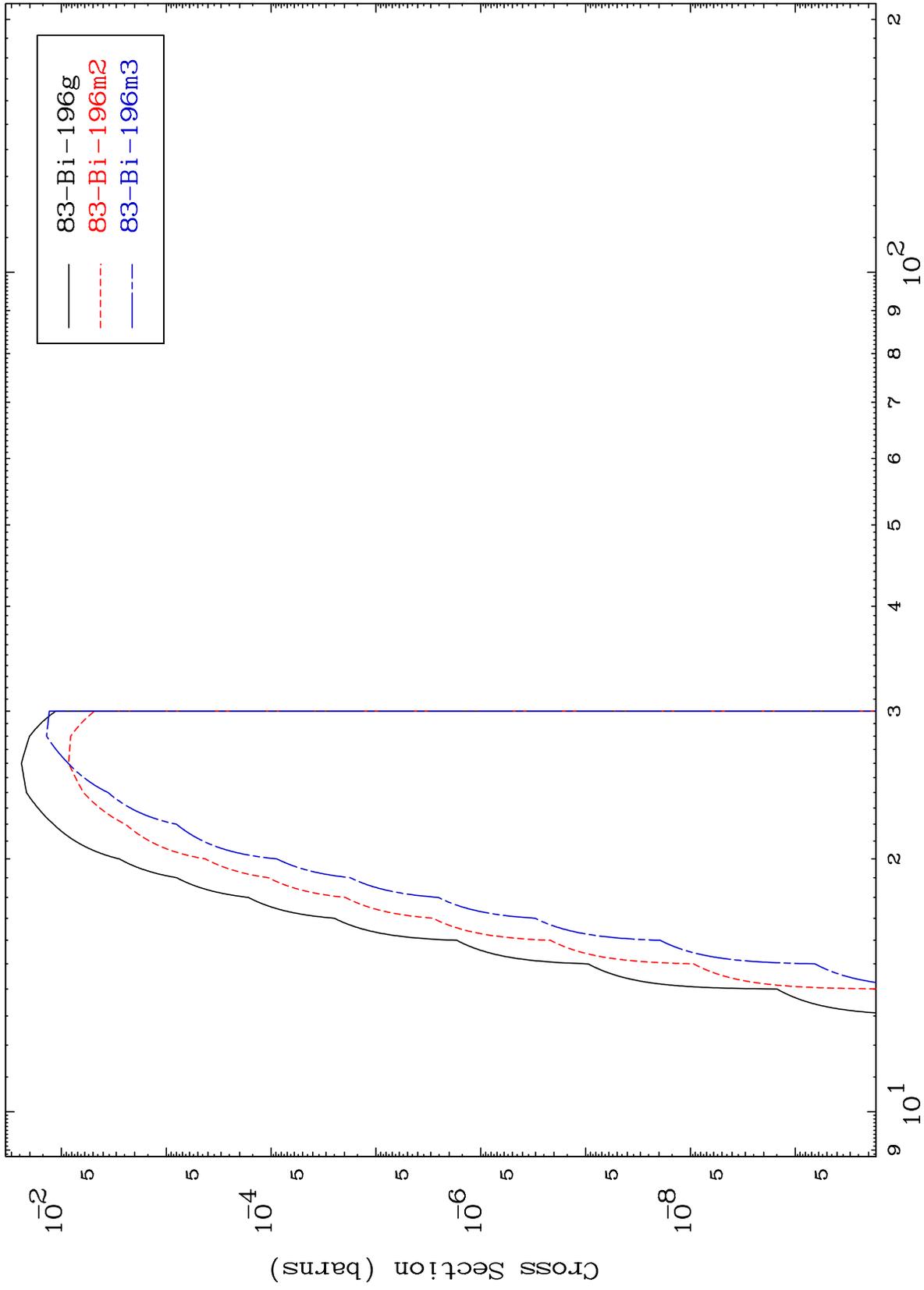
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

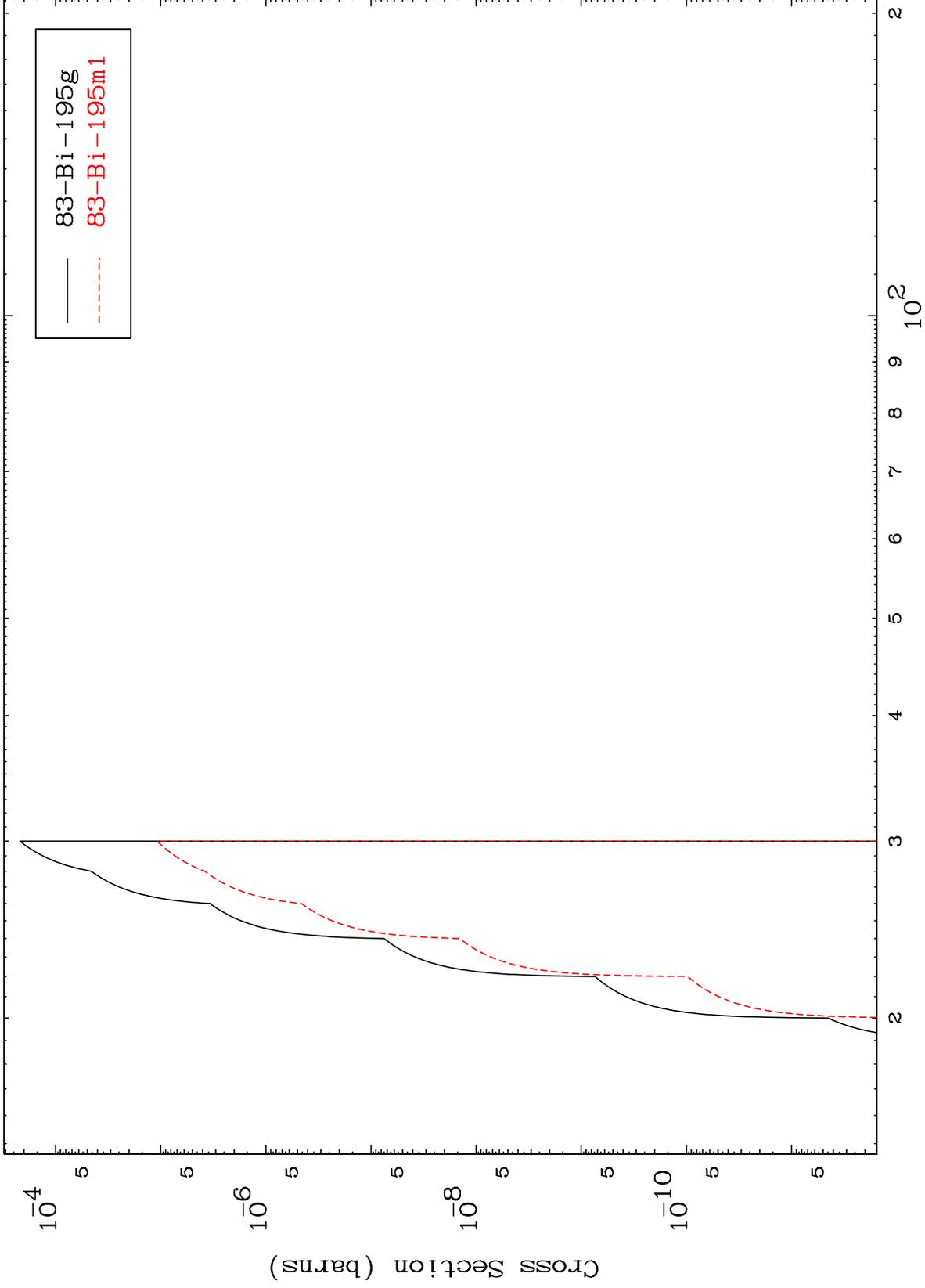
82-Pb-193

MAT 8192

(α, d)

82-Pb-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

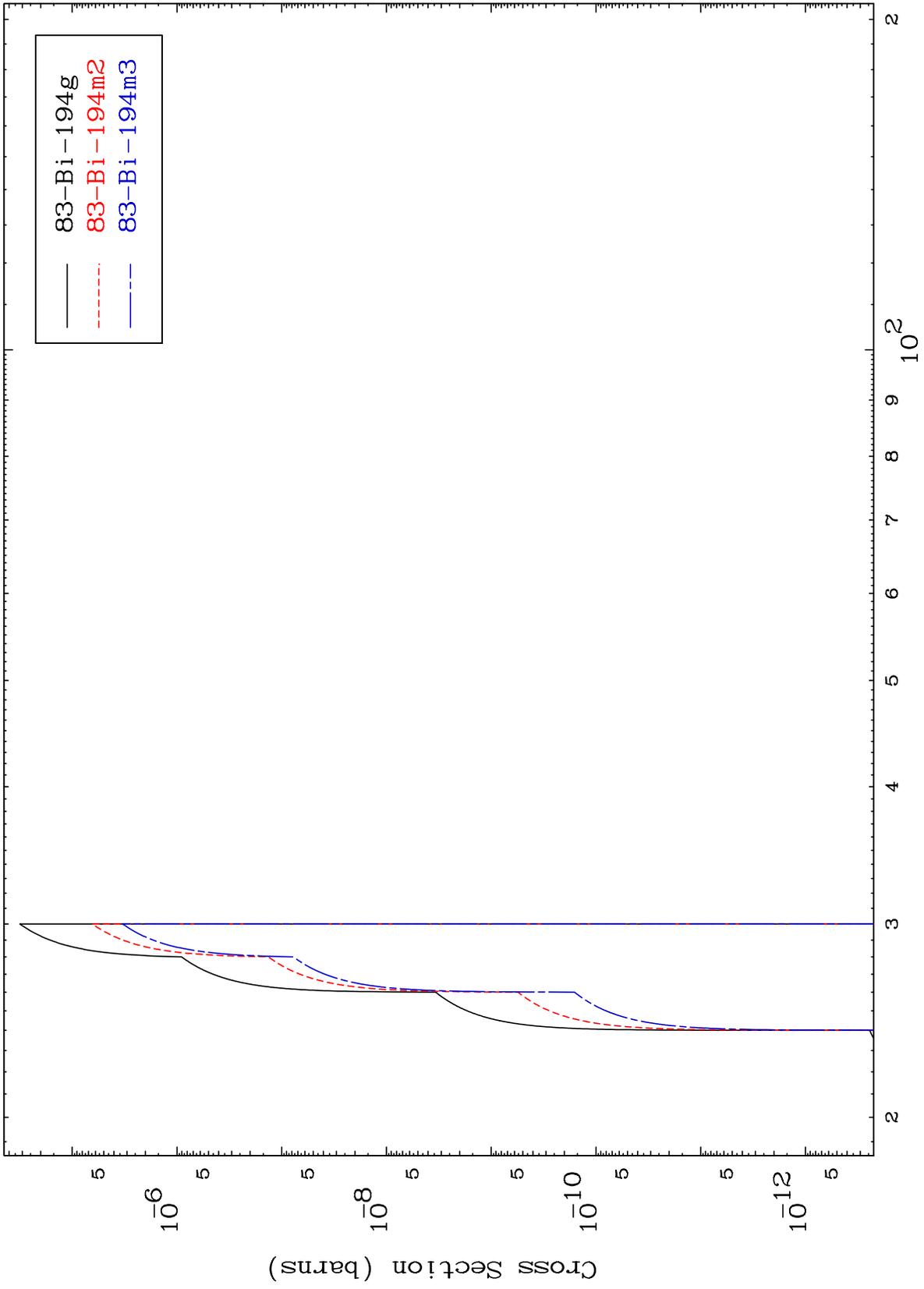
82-Pb-193

MAT 8192

(α, t)

82-Pb-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

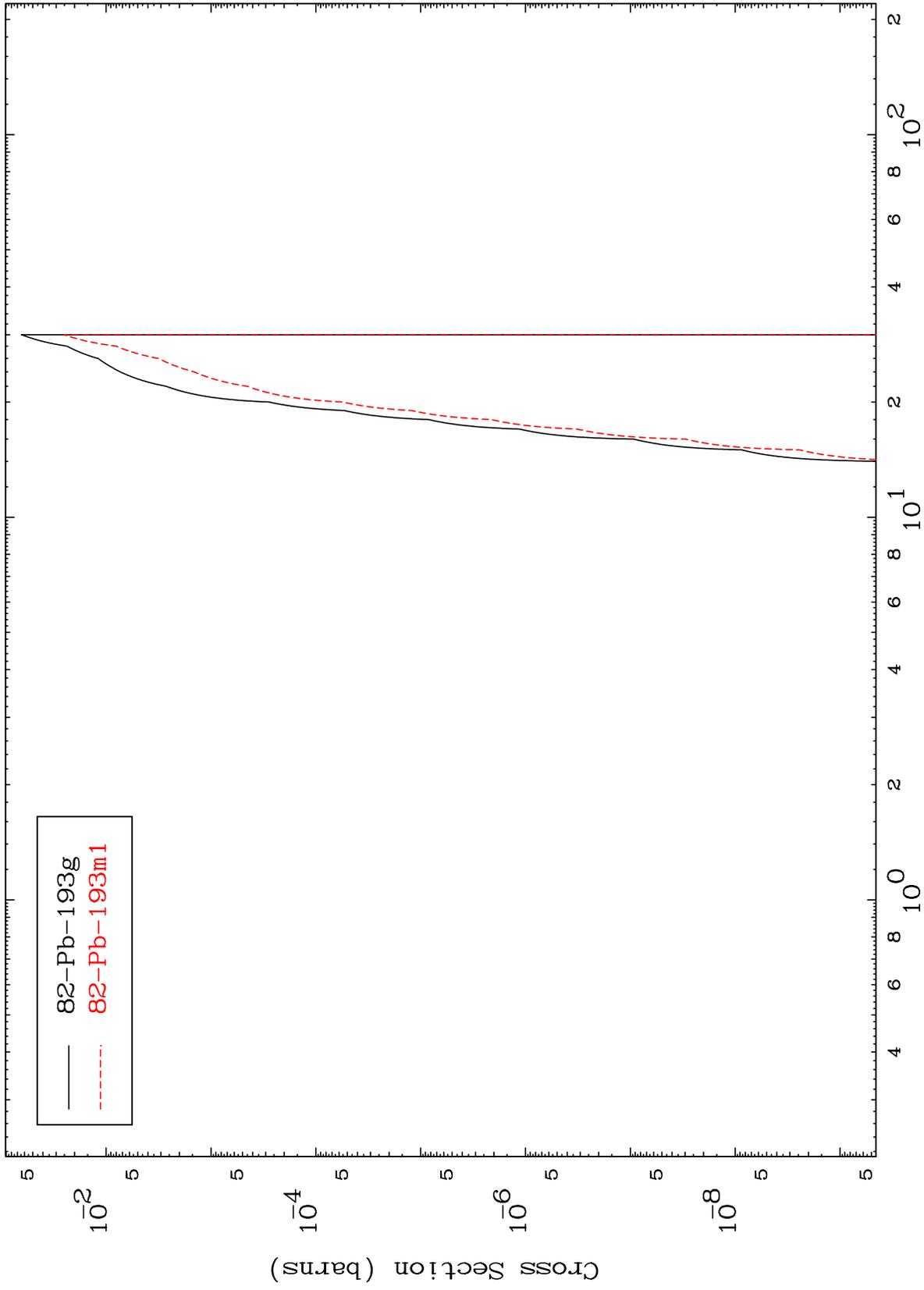
82-Pb-193

MAT 8192

(α, α)

82-Pb-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

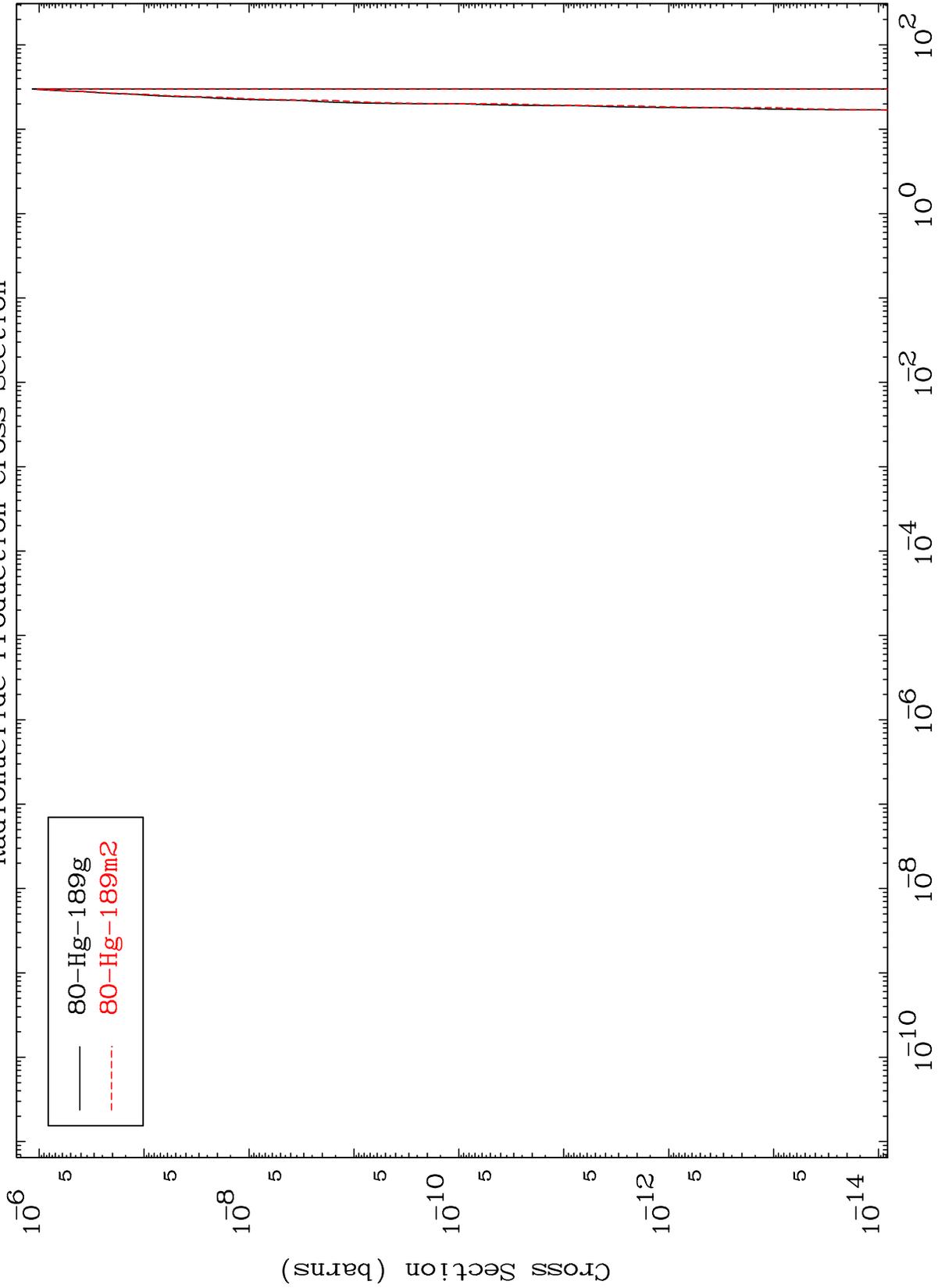
82-Pb-193

MAT 8192

($\alpha, 2\alpha$)

82-Pb-193

Radionuclide Production Cross Section

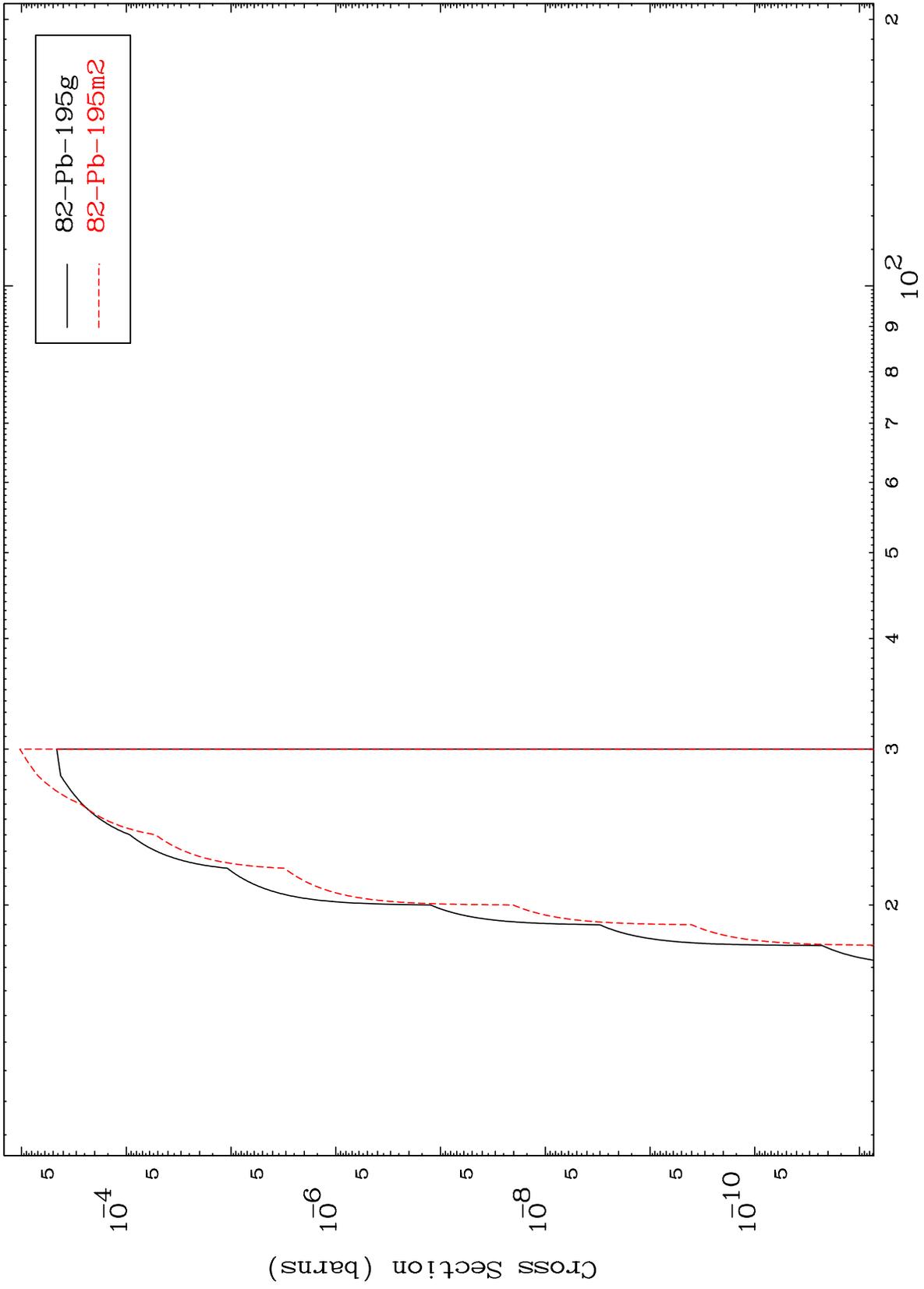


82-Pb-193

MAT 8192

82-Pb-193

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



22

82-Pb-193

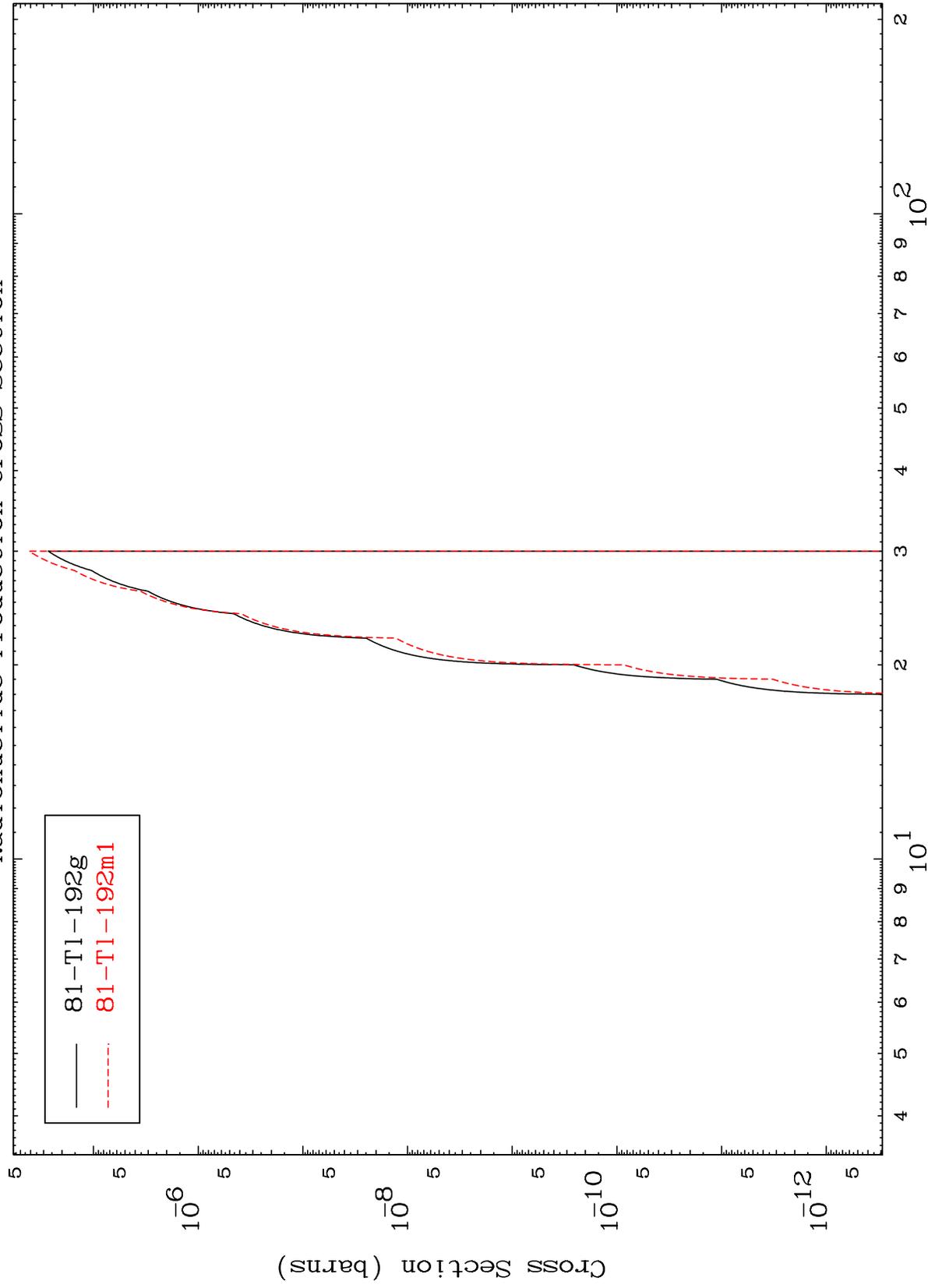
Incident Energy (MeV)

MAT 8192

(α, p) α

82-Pb-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

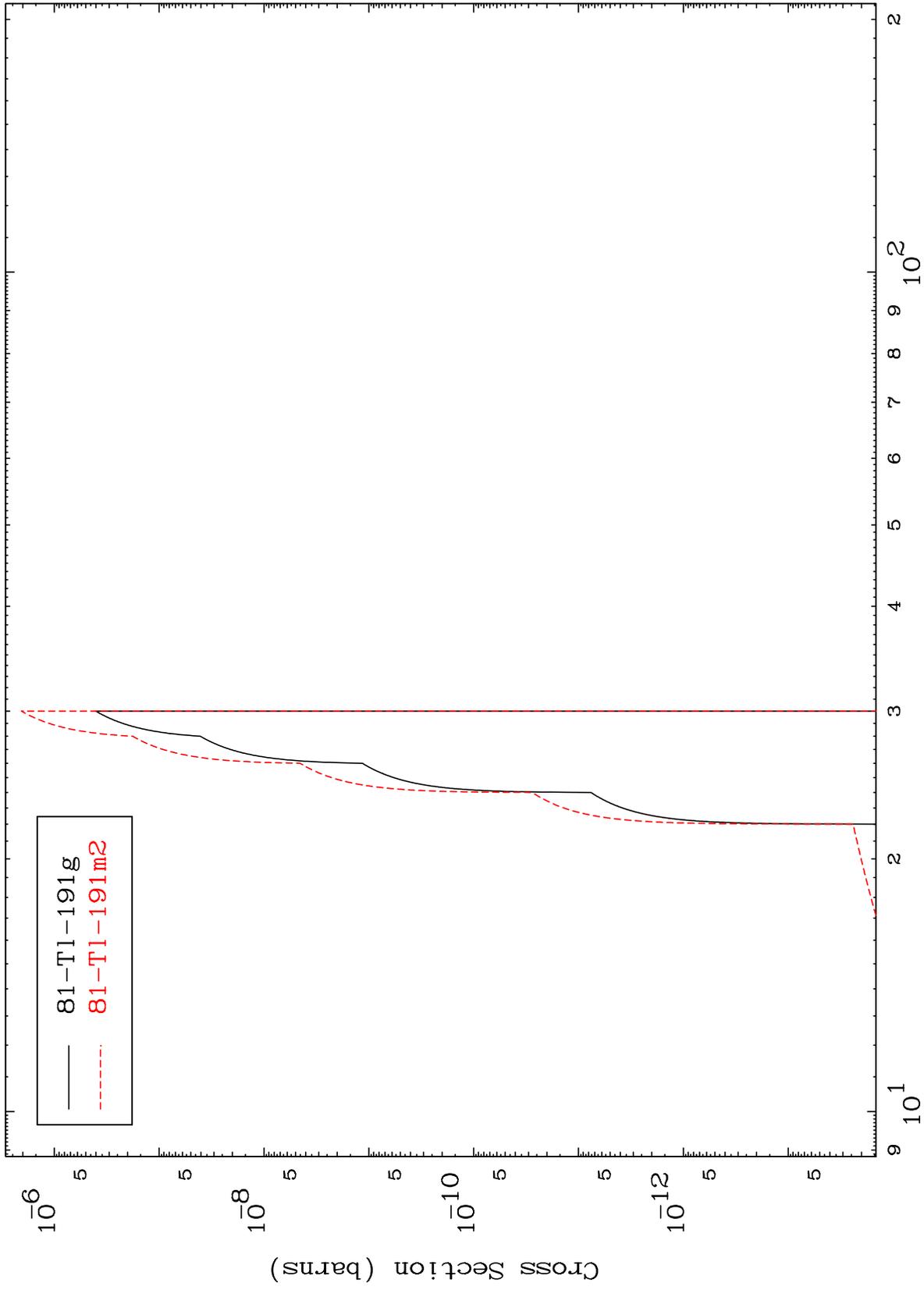
82-Pb-193

MAT 8192

(α, d) α

82-Pb-193

Radionuclide Production Cross Section



24

Incident Energy (MeV)

82-Pb-193