

Program EVALPLOT
(Version 2018-1)

by

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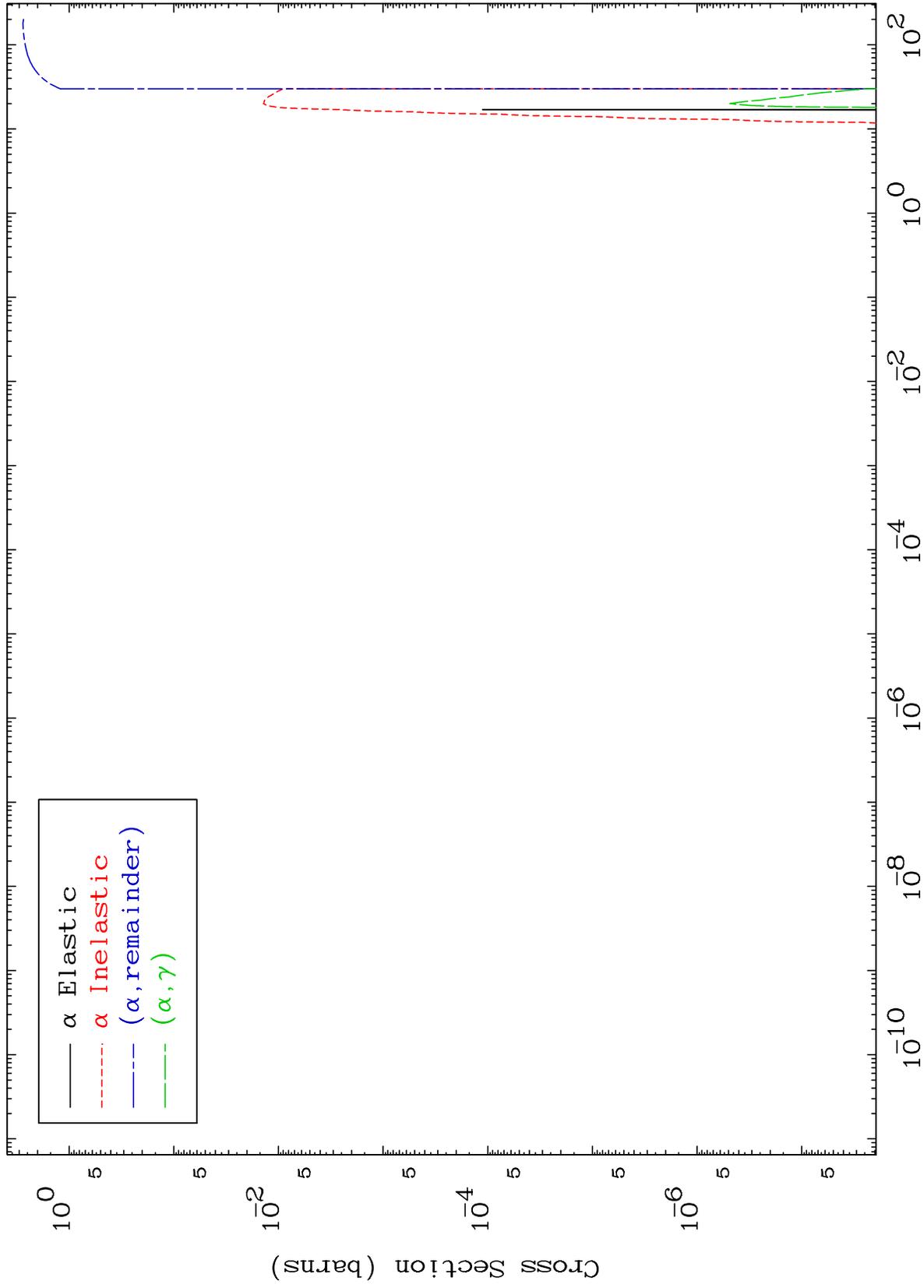
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7744

0 Kelvin α Major
Cross Sections

77-Ir-197



1

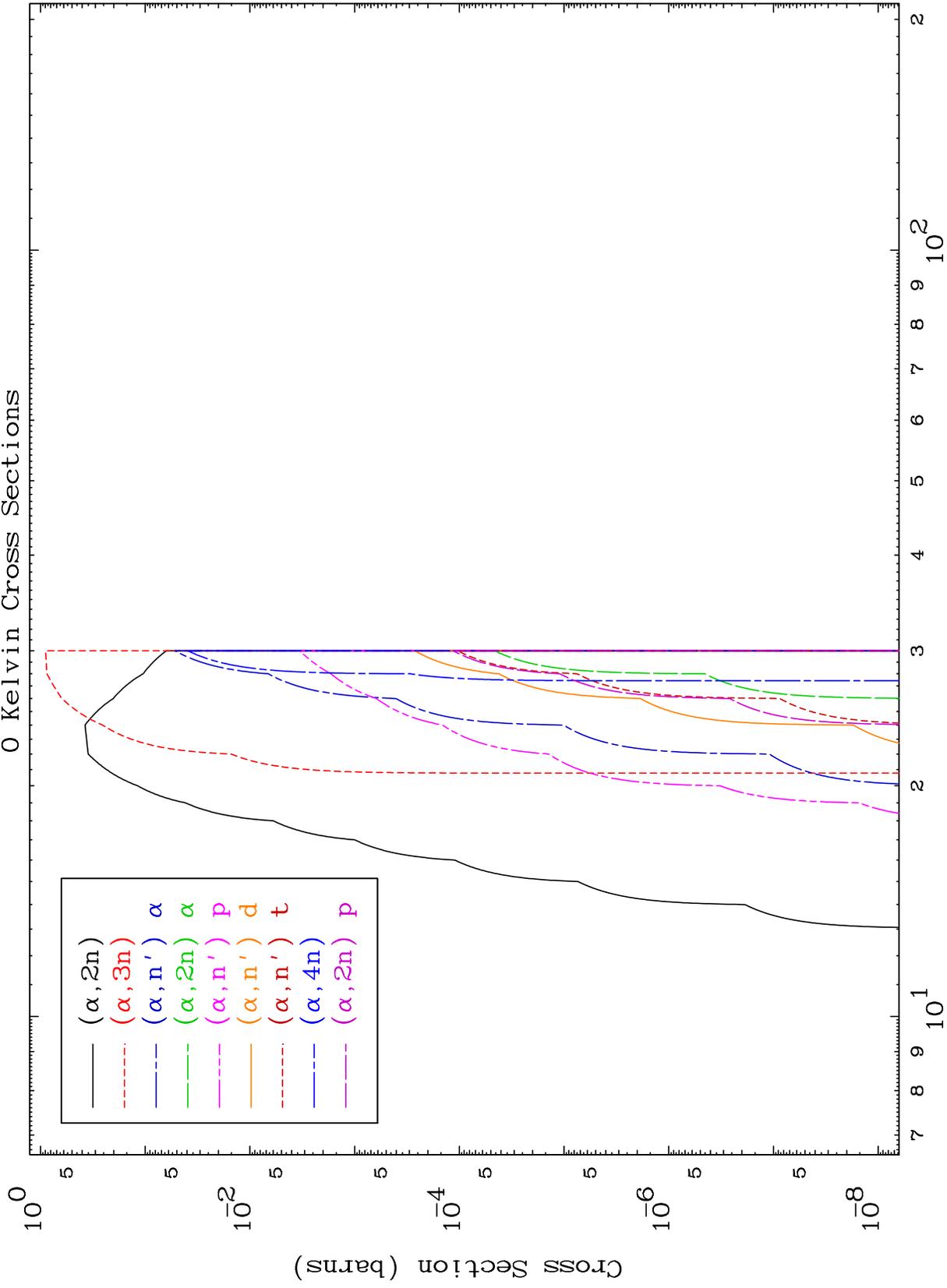
Incident Energy (MeV)

77-Ir-197

MAT 7744

α Neutron Production
0 Kelvin Cross Sections

77-Ir-197



2

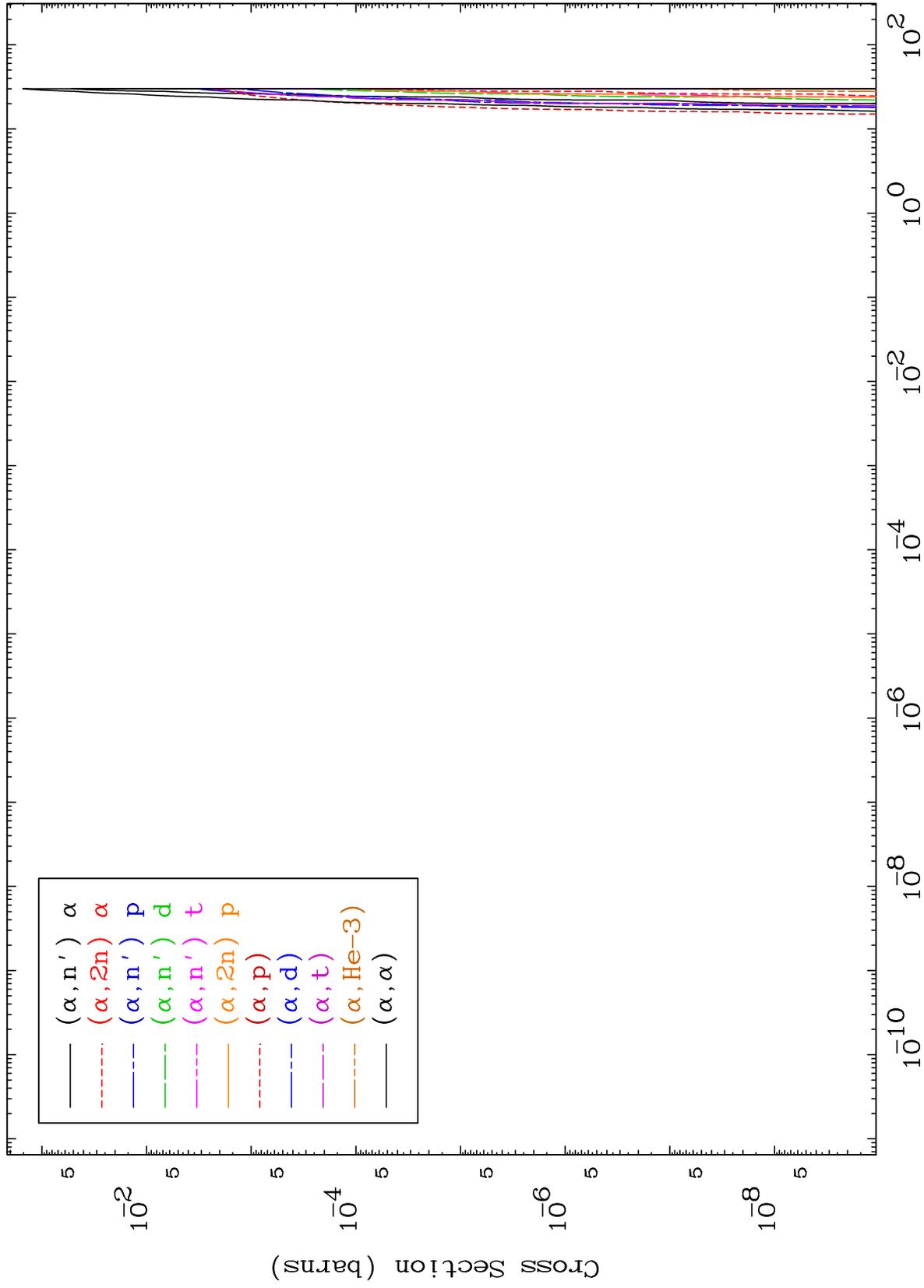
Incident Energy (MeV)

77-Ir-197

MAT 7744

α Charged Particle
0 Kelvin Cross Sections

77-Ir-197



3

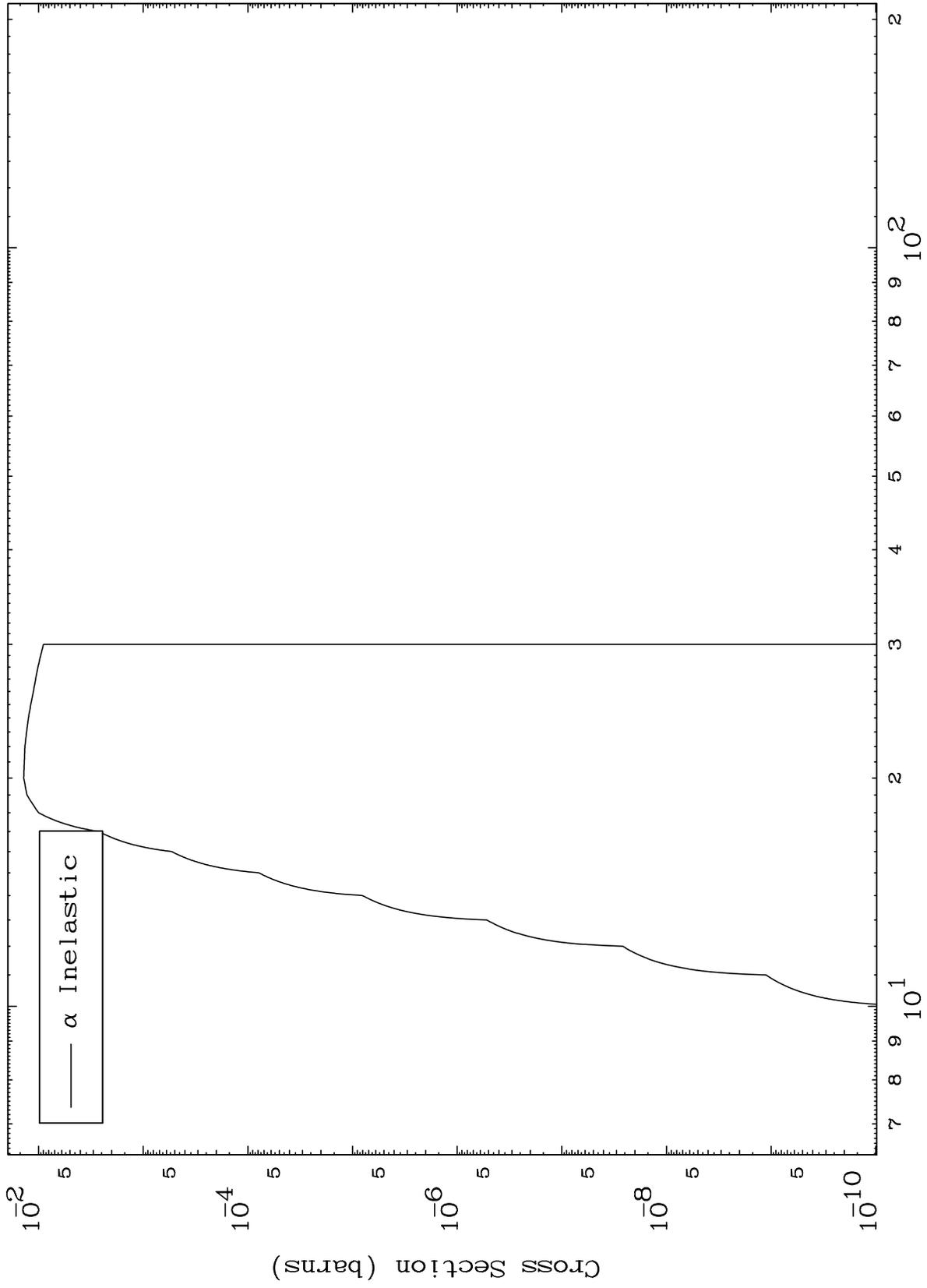
Incident Energy (MeV)

77-Ir-197

MAT 7744

(α, n') Level
0 Kelvin Cross Sections

77-Ir-197



4

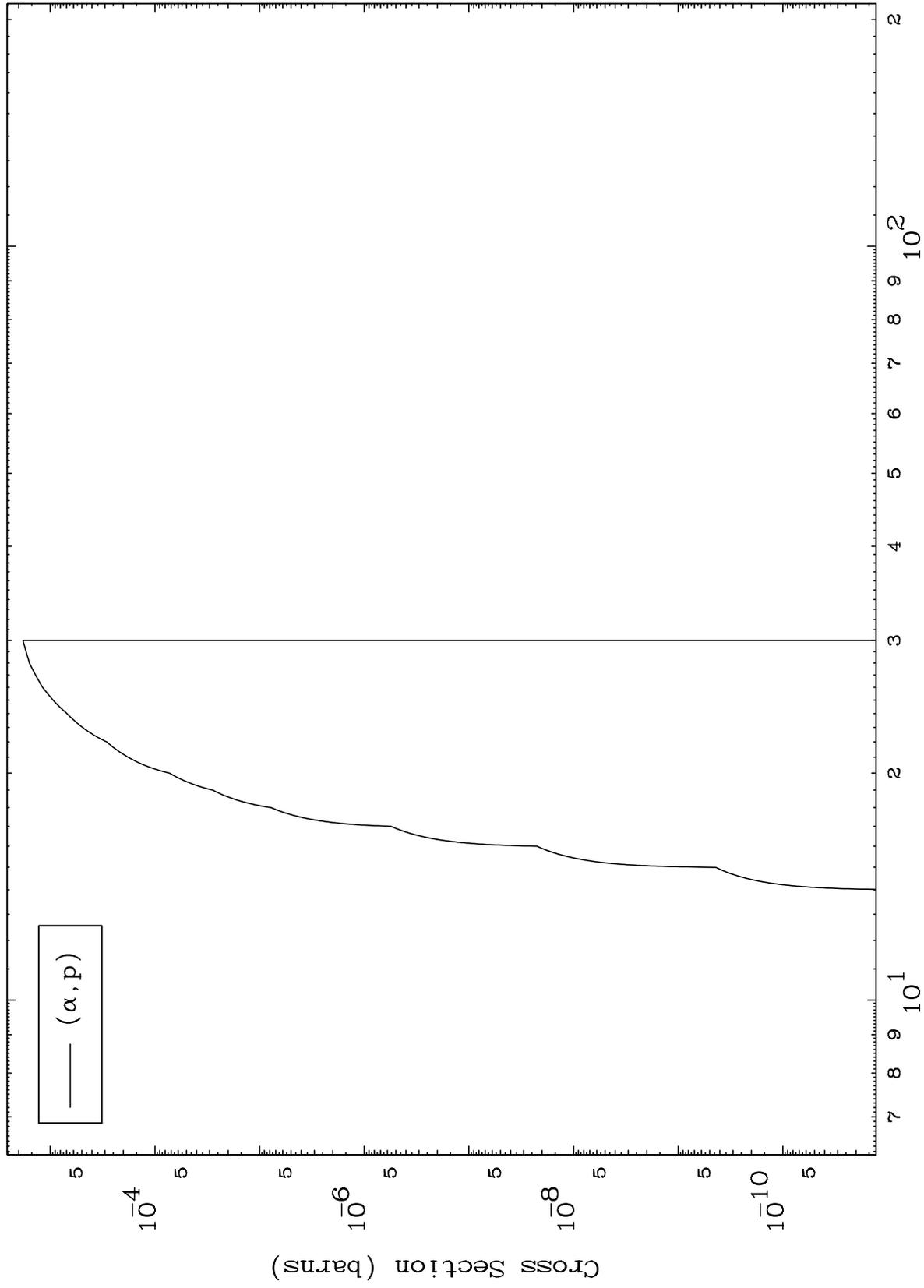
Incident Energy (MeV)

77-Ir-197

MAT 7744

(α, p) Levels
0 Kelvin Cross Sections

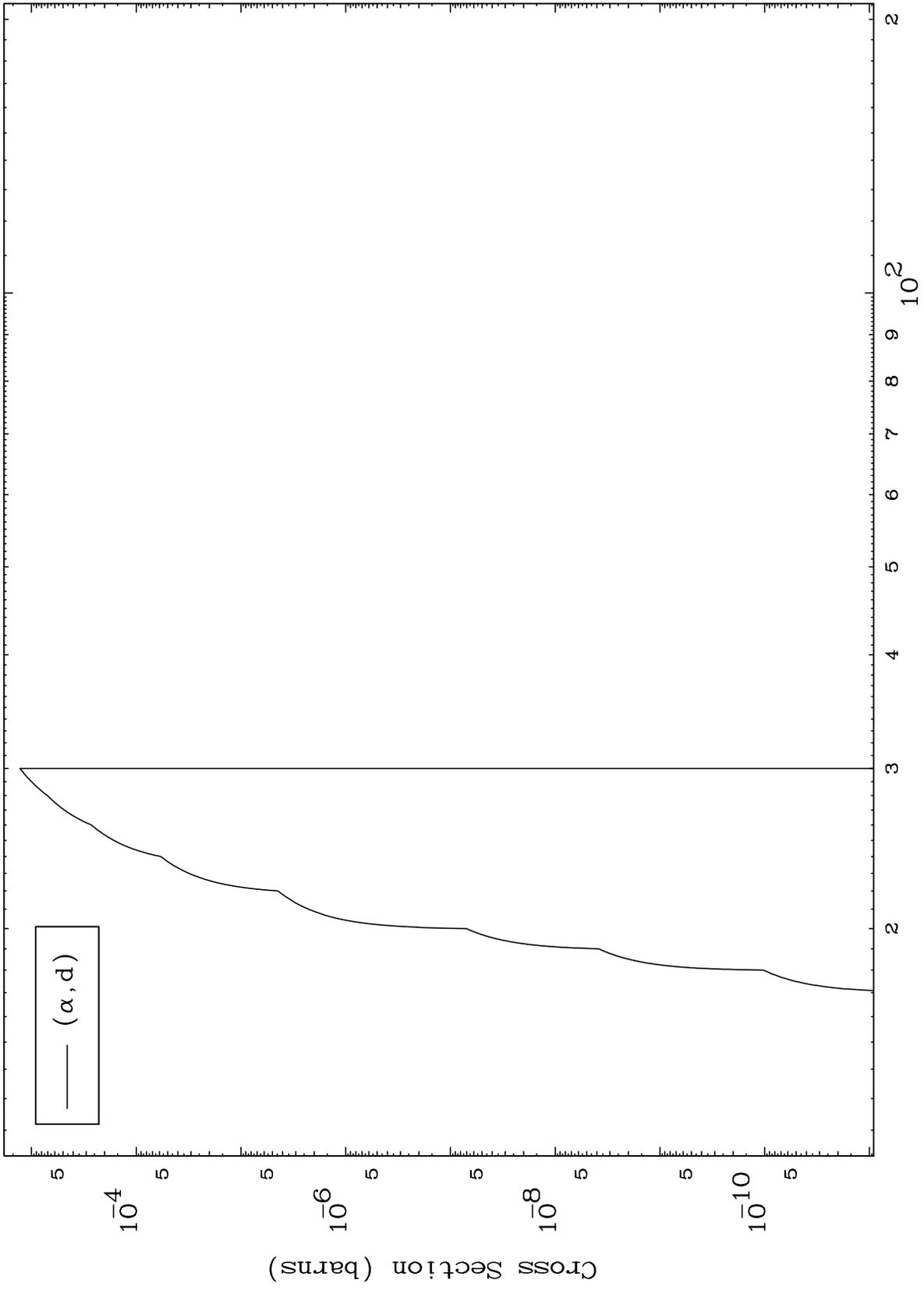
77-Ir-197

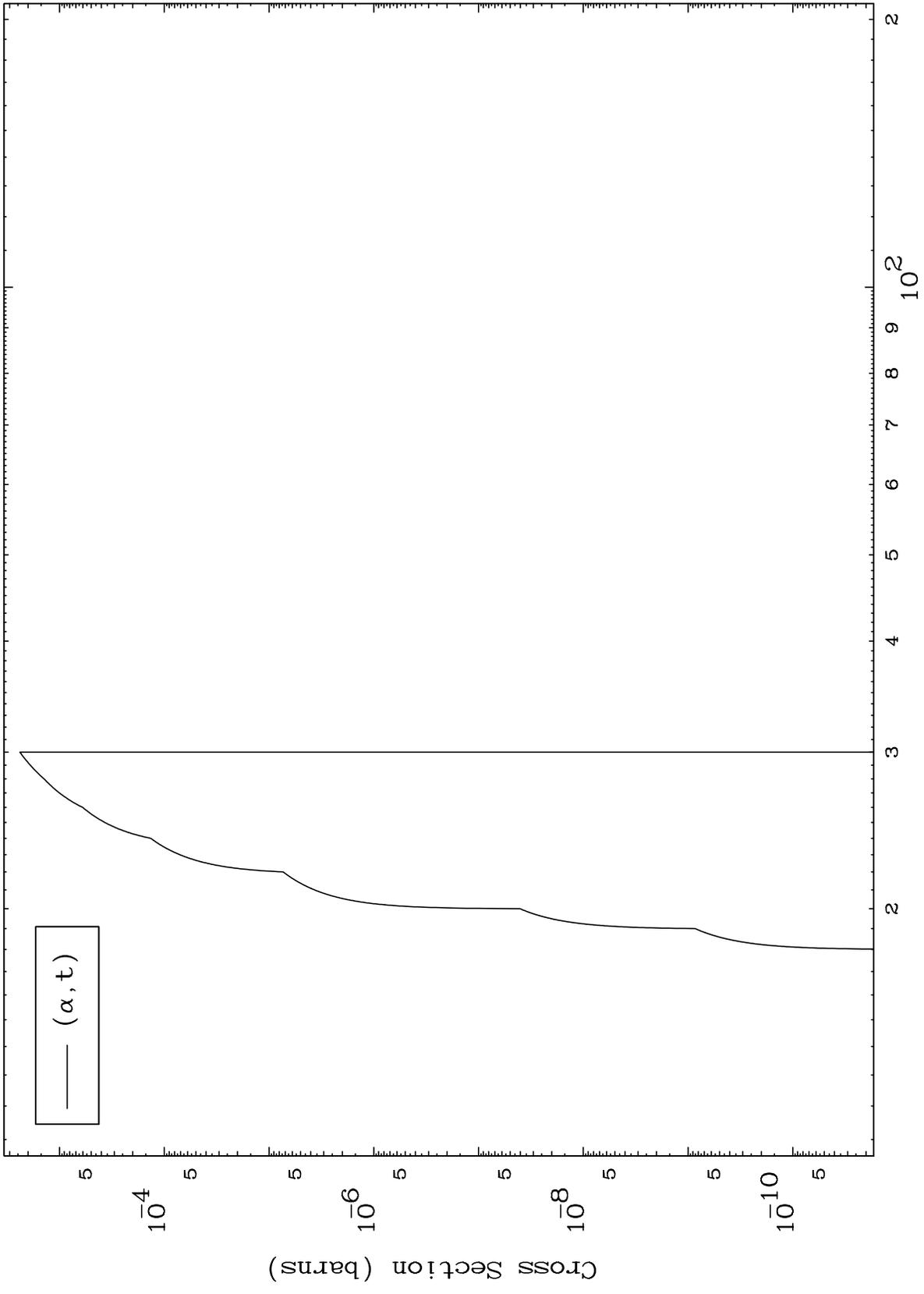


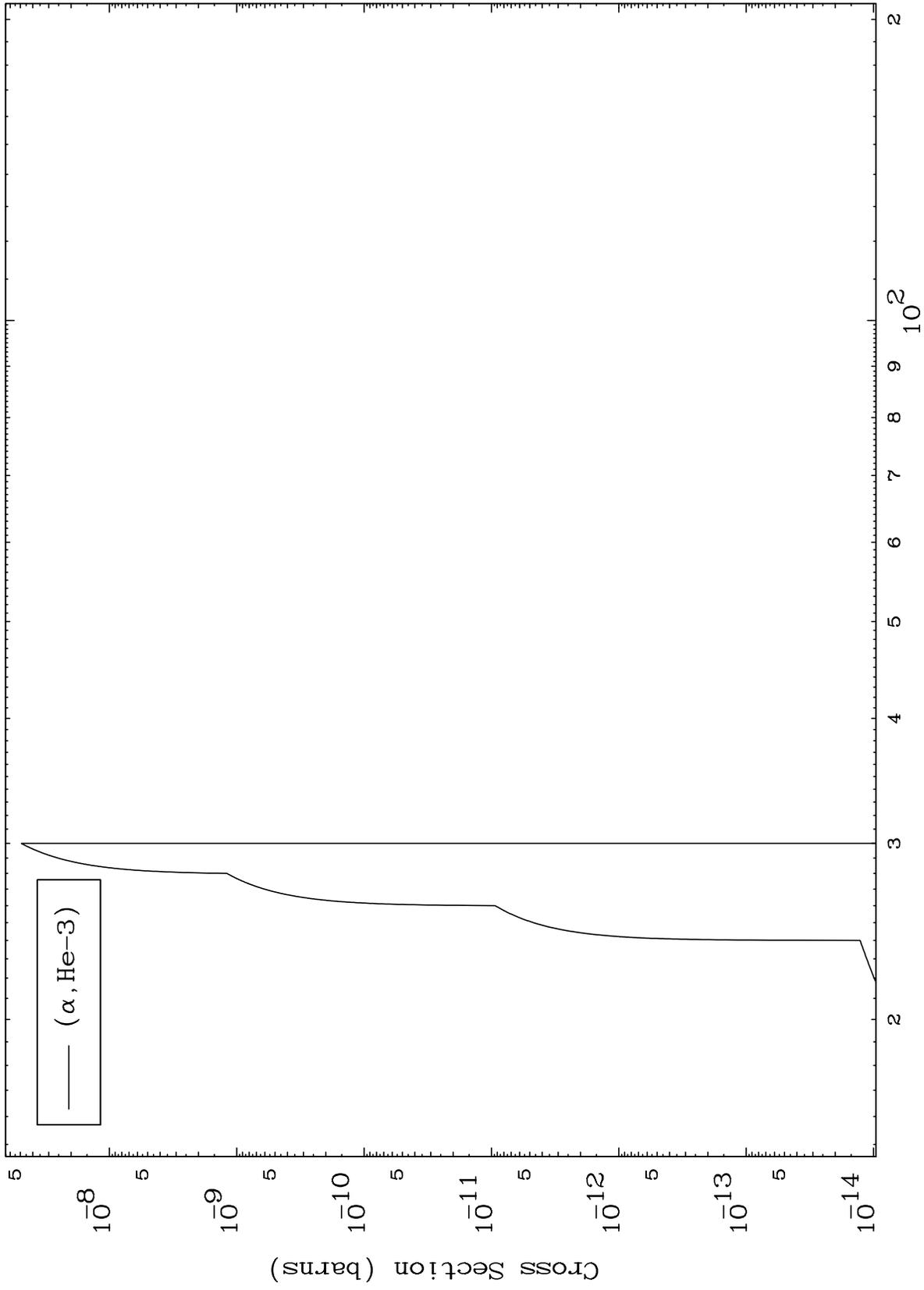
5

Incident Energy (MeV)

77-Ir-197



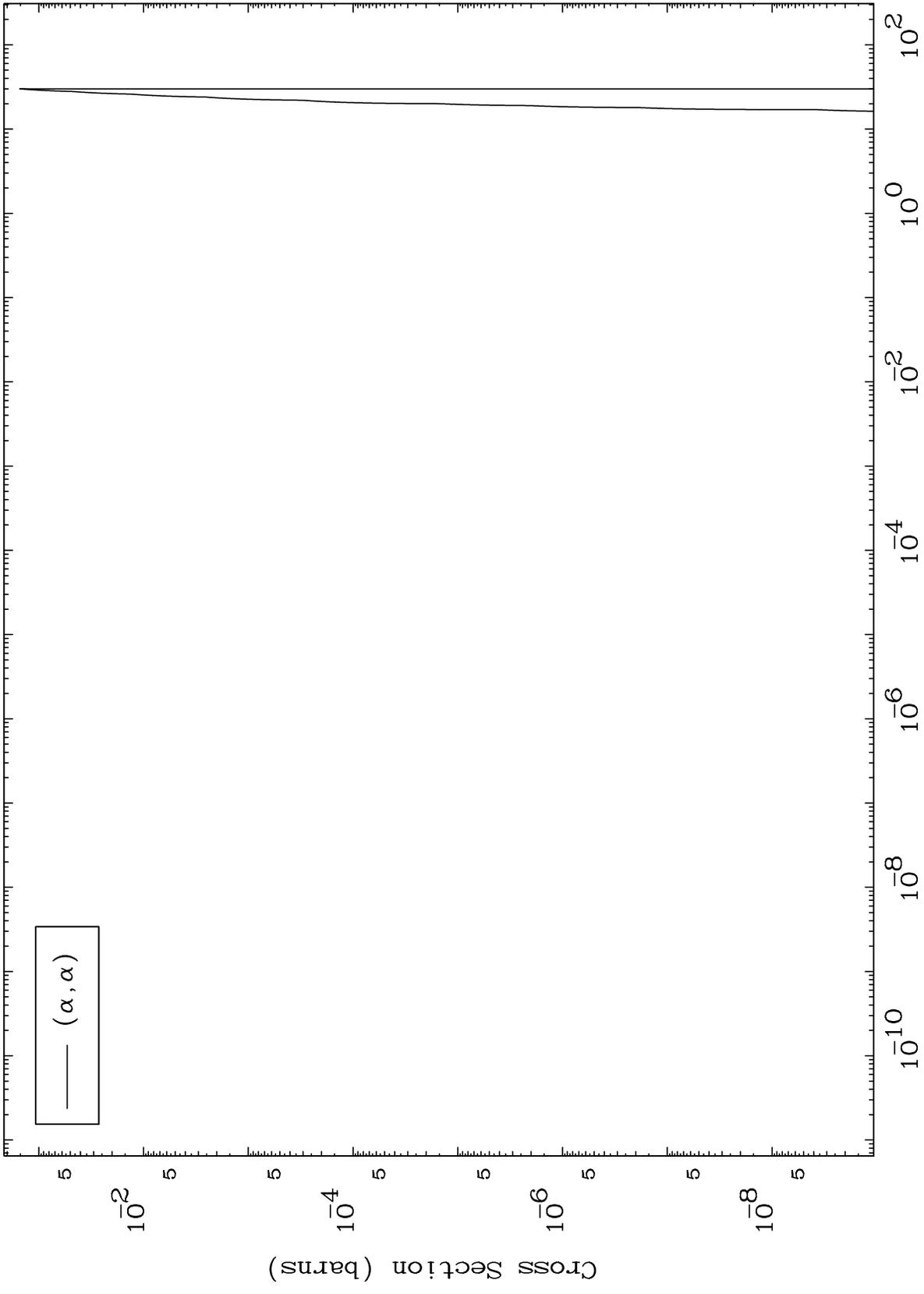




MAT 7744

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-197



9

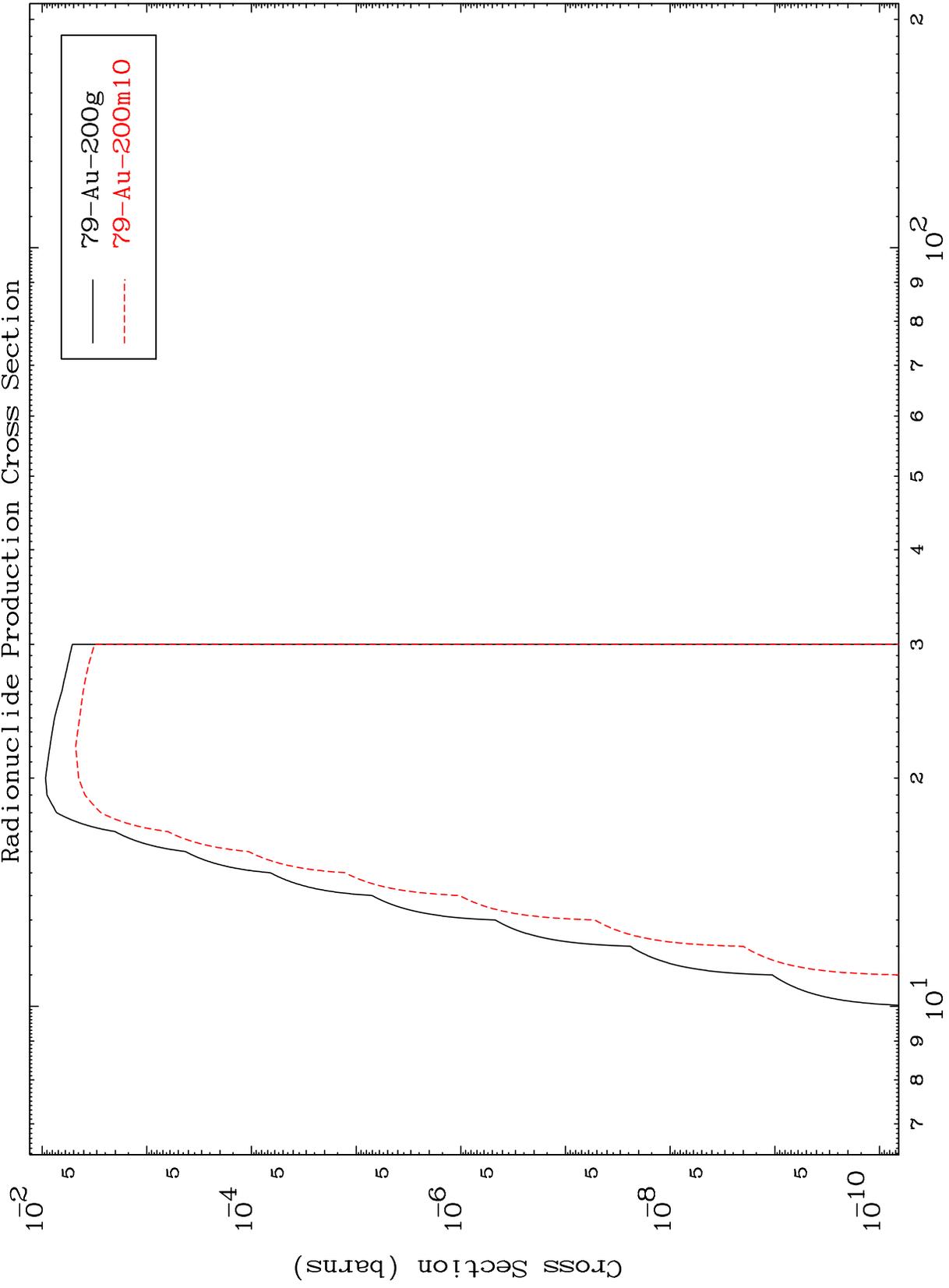
Incident Energy (MeV)

77-Ir-197

MAT 7744

α Inelastic
Radionuclide Production Cross Section

77-Ir-197



10

Incident Energy (MeV)

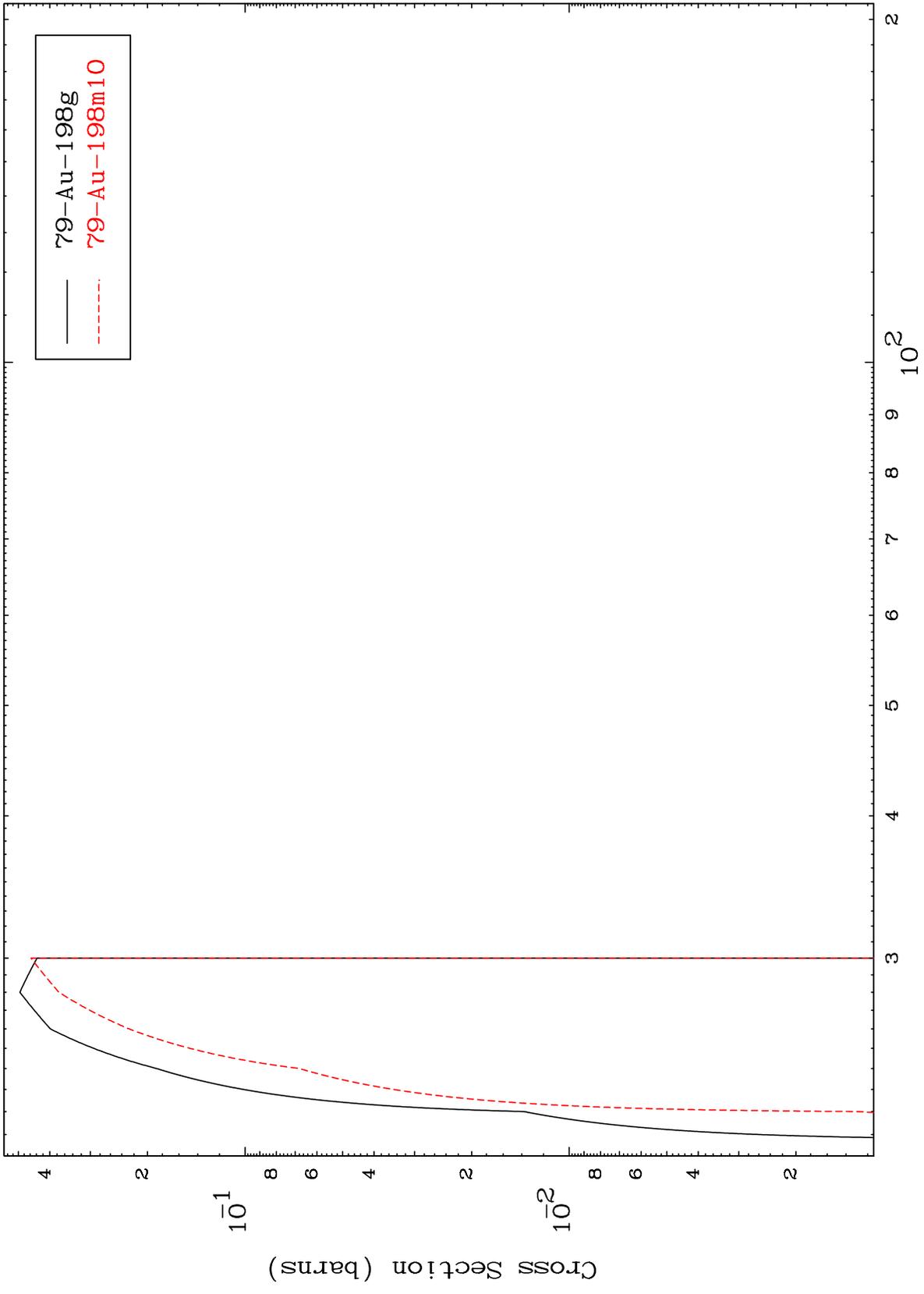
77-Ir-197

MAT 7744

($\alpha, 3n$)

77-Ir-197

Radionuclide Production Cross Section



11

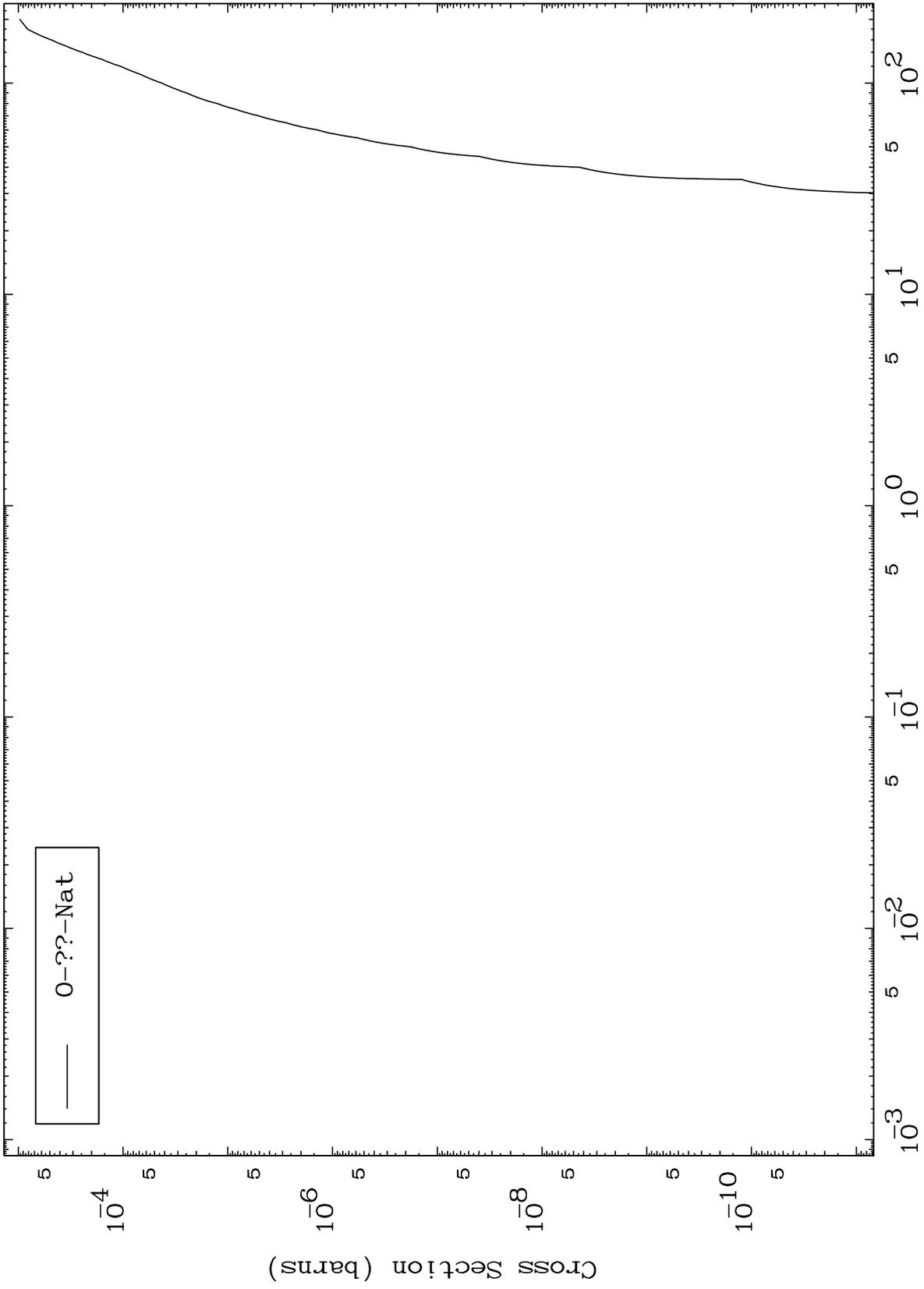
Incident Energy (MeV)

77-Ir-197

MAT 7744

α Fission
Radionuclide Production Cross Section

77-Ir-197



12

Incident Energy (MeV)

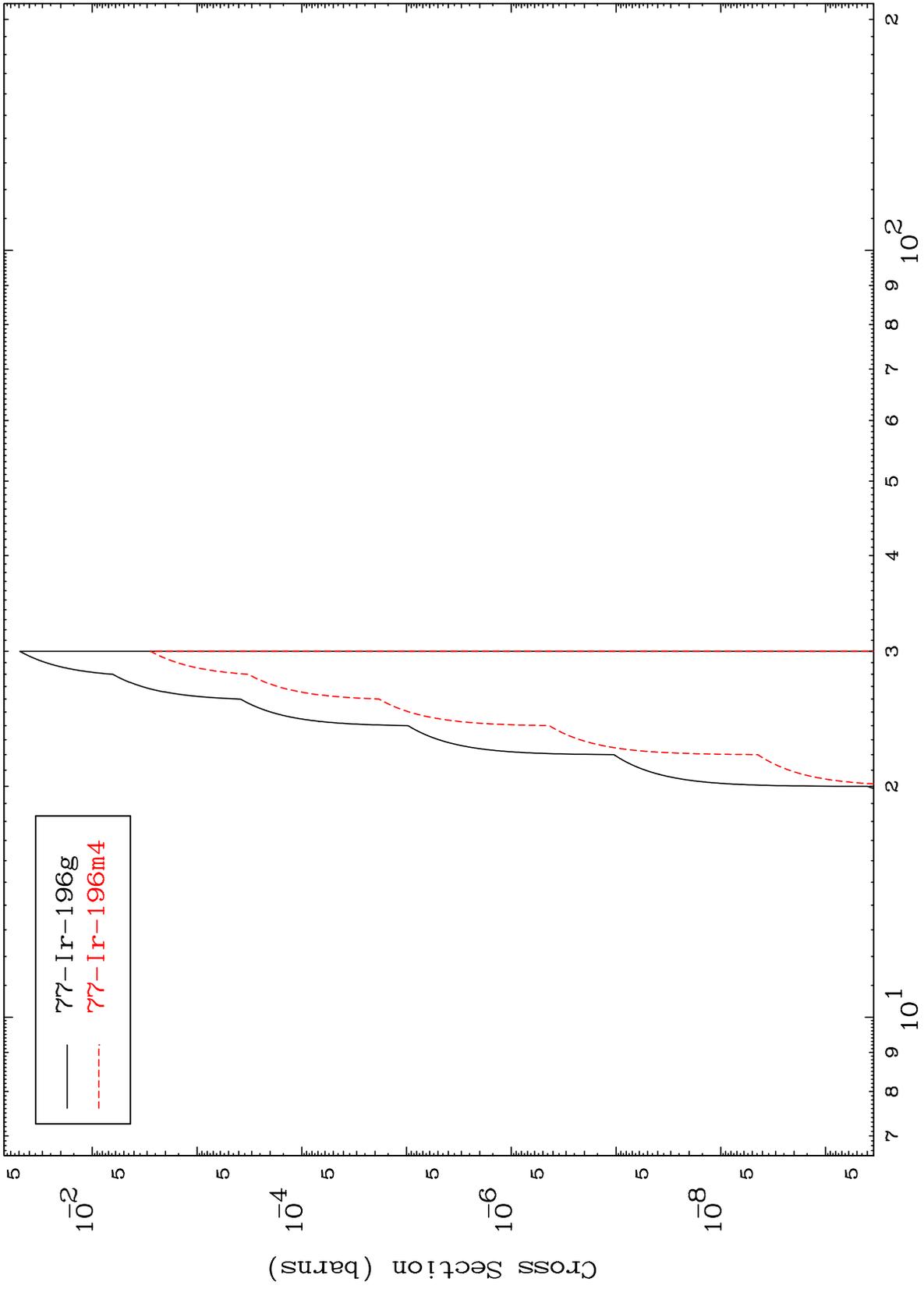
77-Ir-197

MAT 7744

(α, n') α

77-Ir-197

Radionuclide Production Cross Section



13

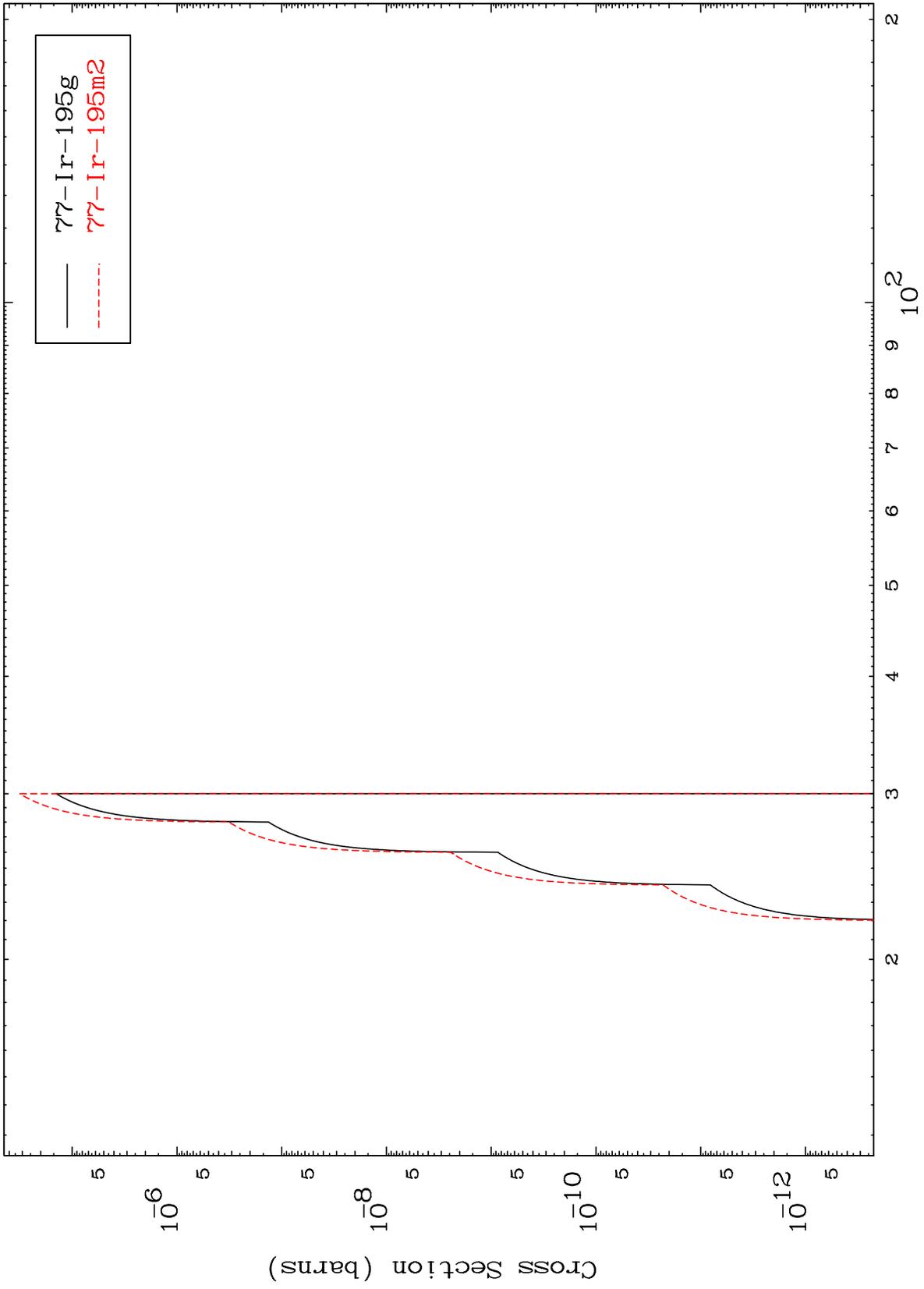
77-Ir-197

MAT 7744

($\alpha, 2n$) α

77-Ir-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

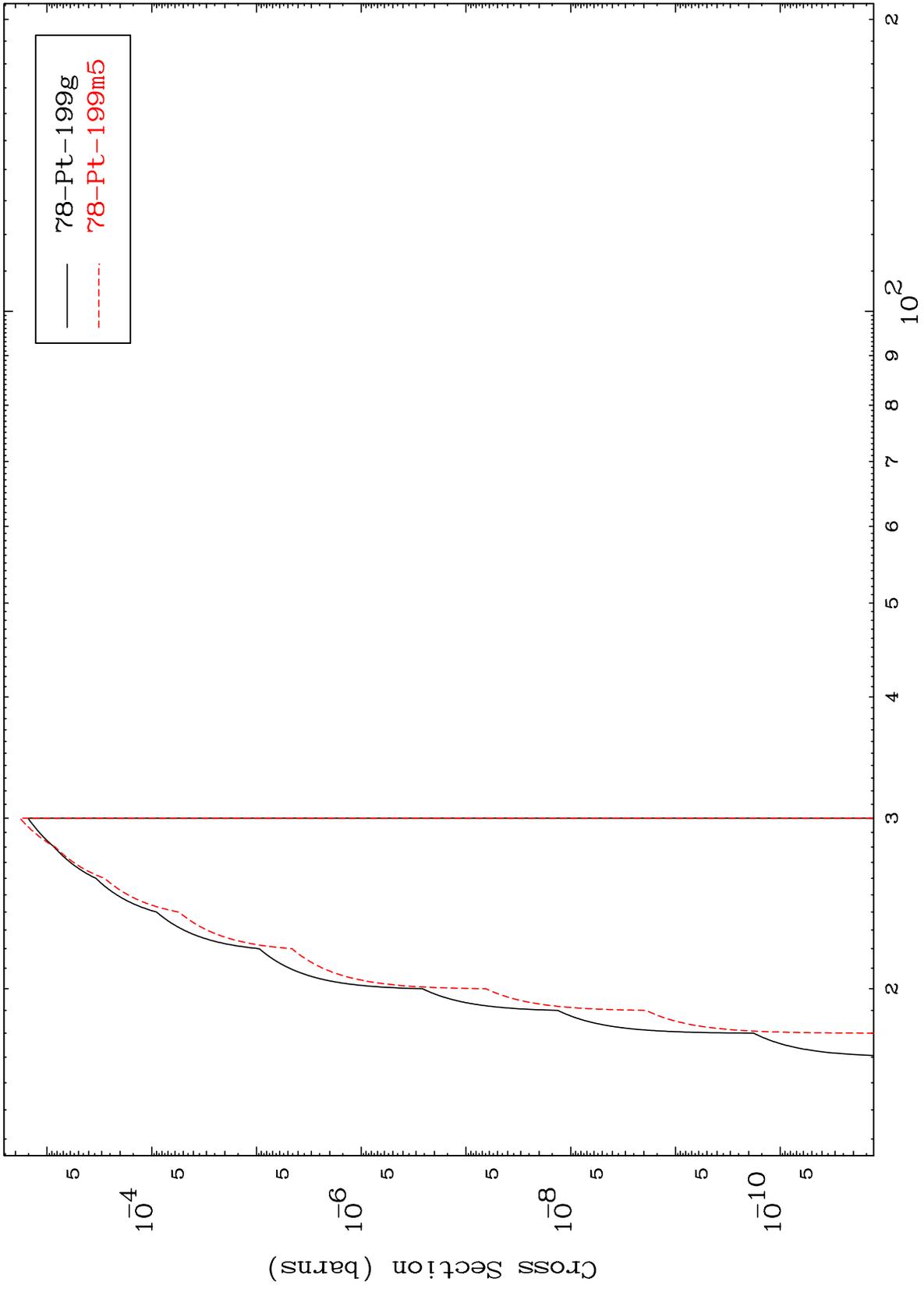
77-Ir-197

MAT 7744

(α, n') p

77-Ir-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

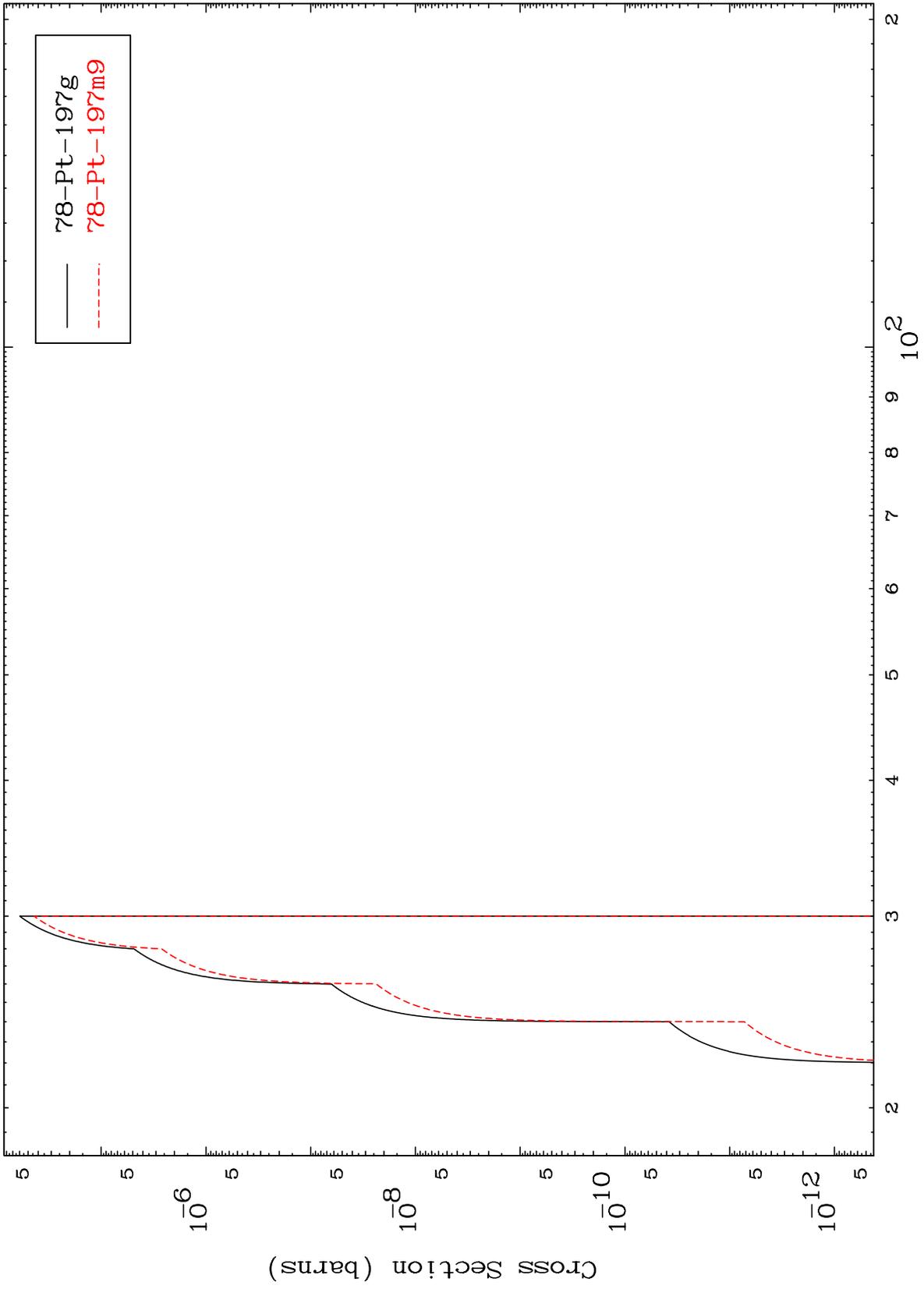
77-Ir-197

MAT 7744

(α, n') t

77-Ir-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

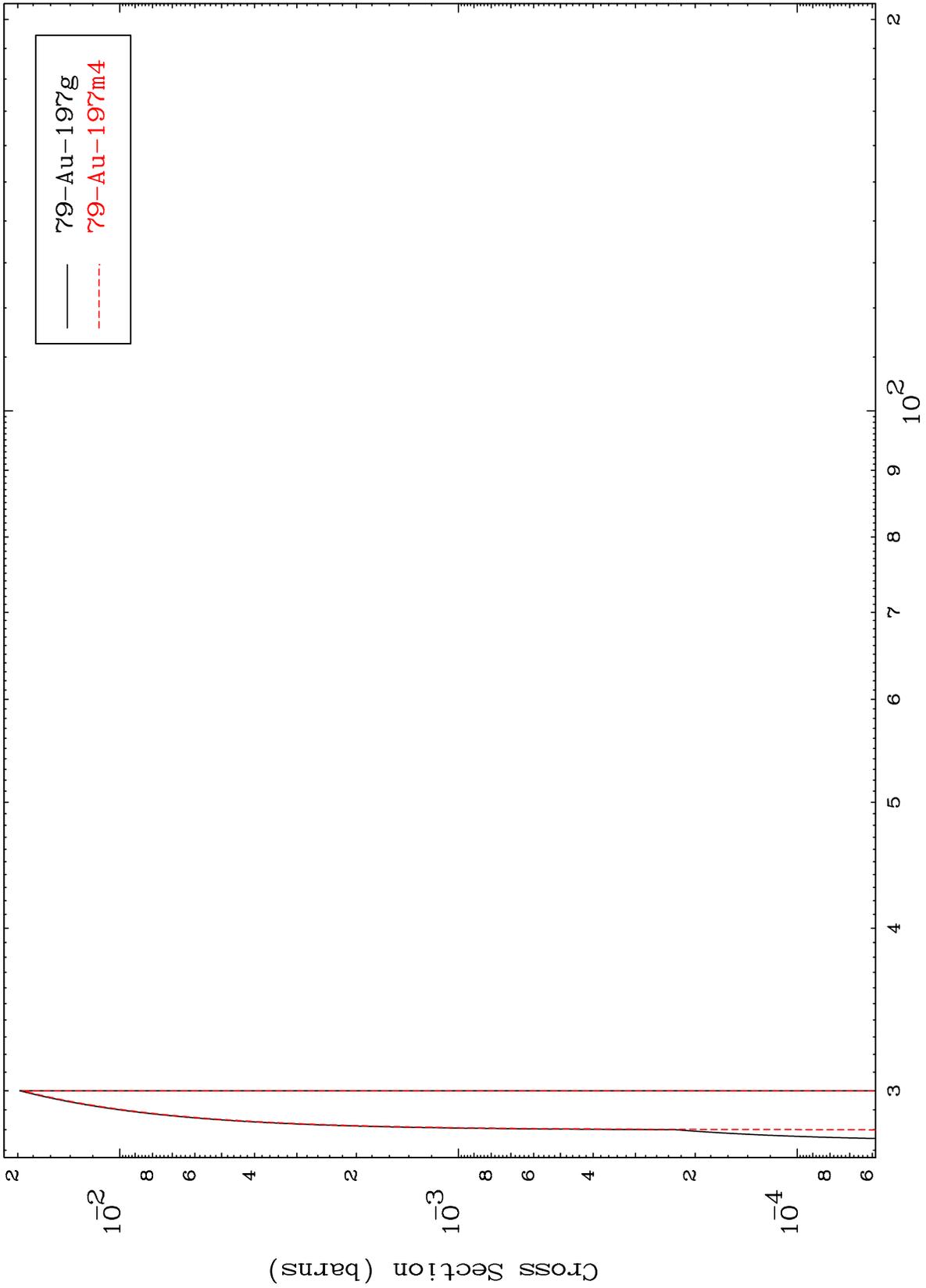
77-Ir-197

MAT 7744

($\alpha, 4n$)

77-Ir-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

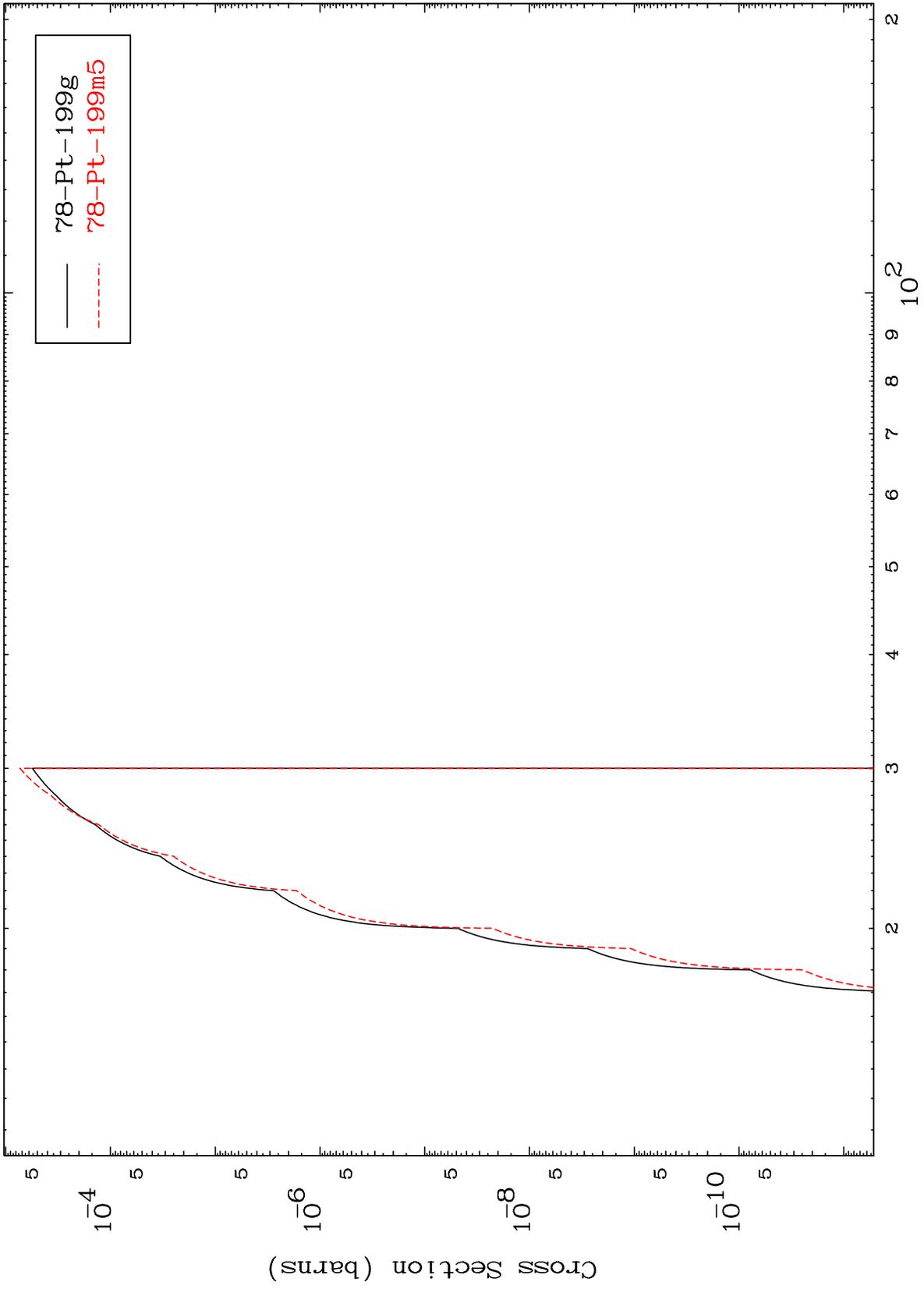
77-Ir-197

MAT 7744

(α, d)

77-Ir-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

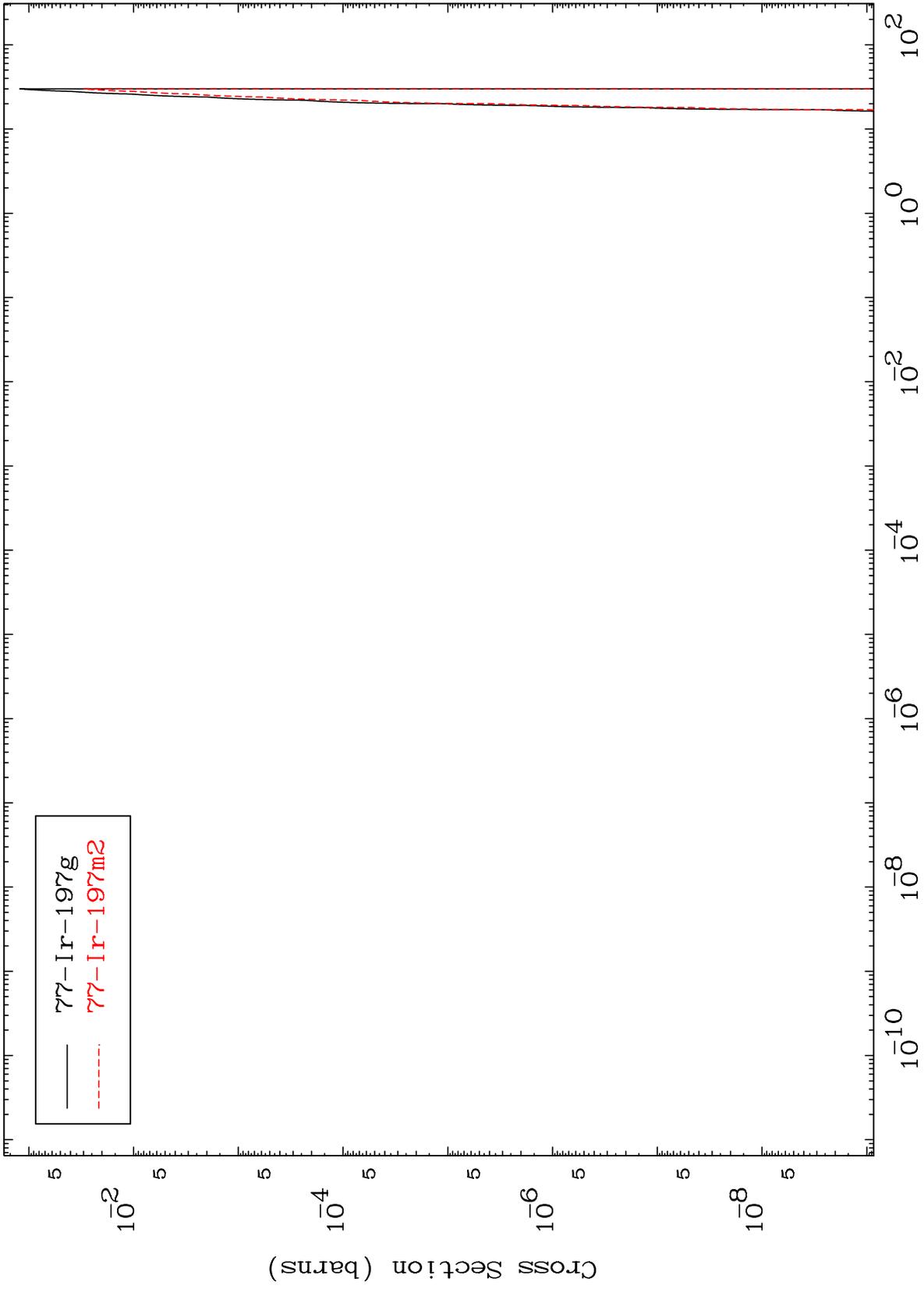
77-Ir-197

MAT 7744

(α, α)

⁷⁷Ir-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷⁷Ir-197