

Program EVALPLOT
(Version 2018-1)

by

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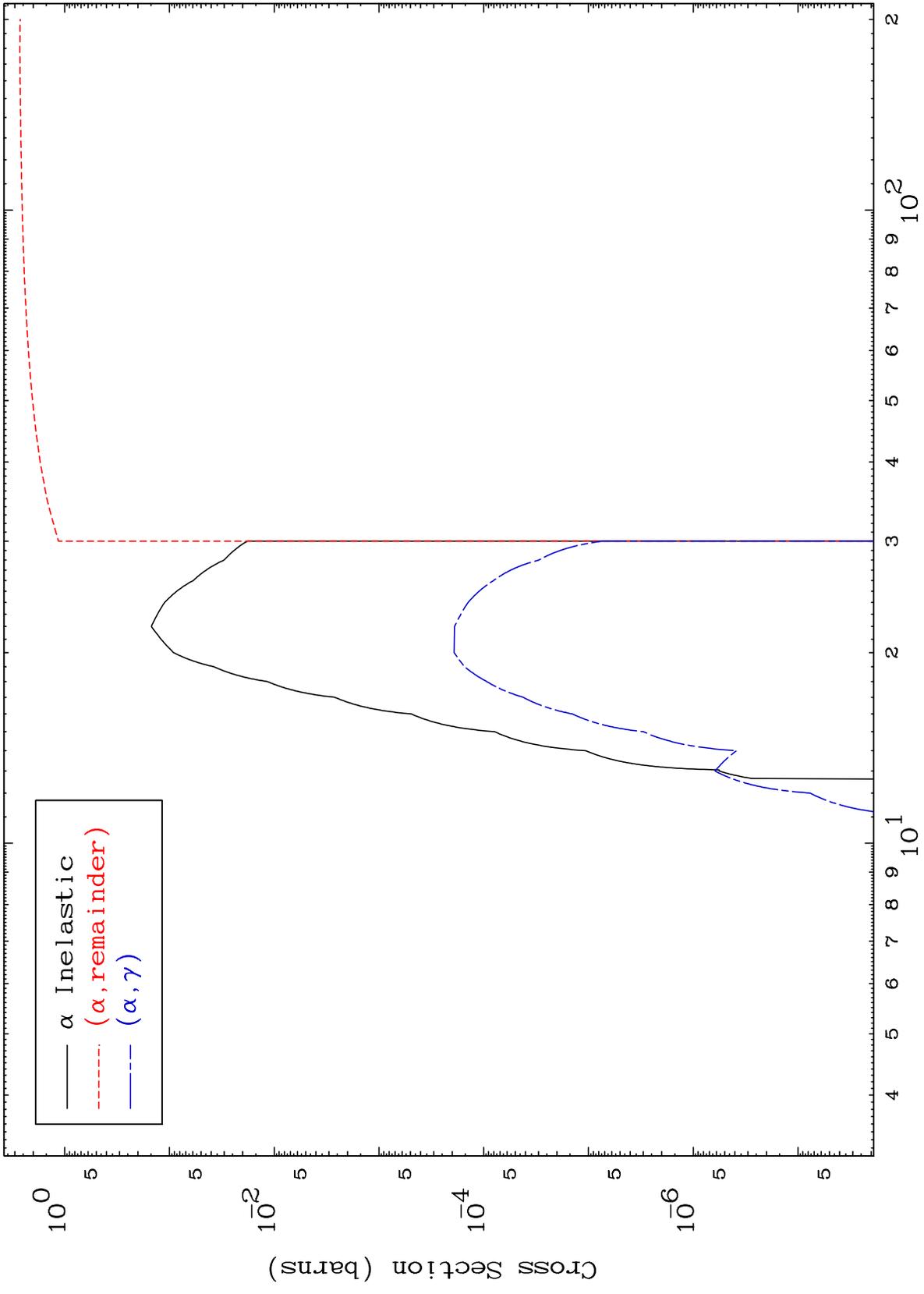
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7713

0 Kelvin α Major Cross Sections

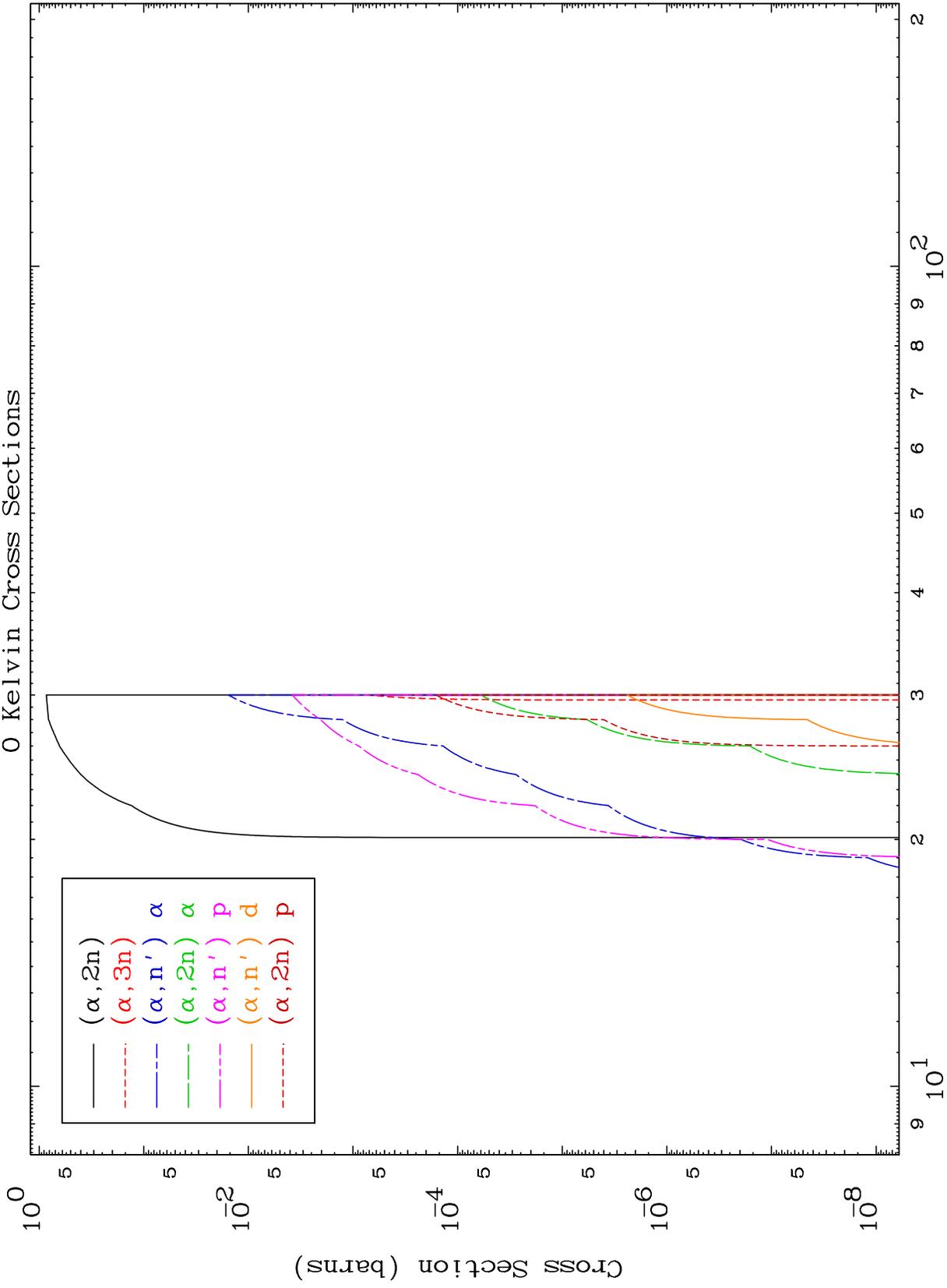
77-Ir-187



MAT 7713

α Neutron Production
0 Kelvin Cross Sections

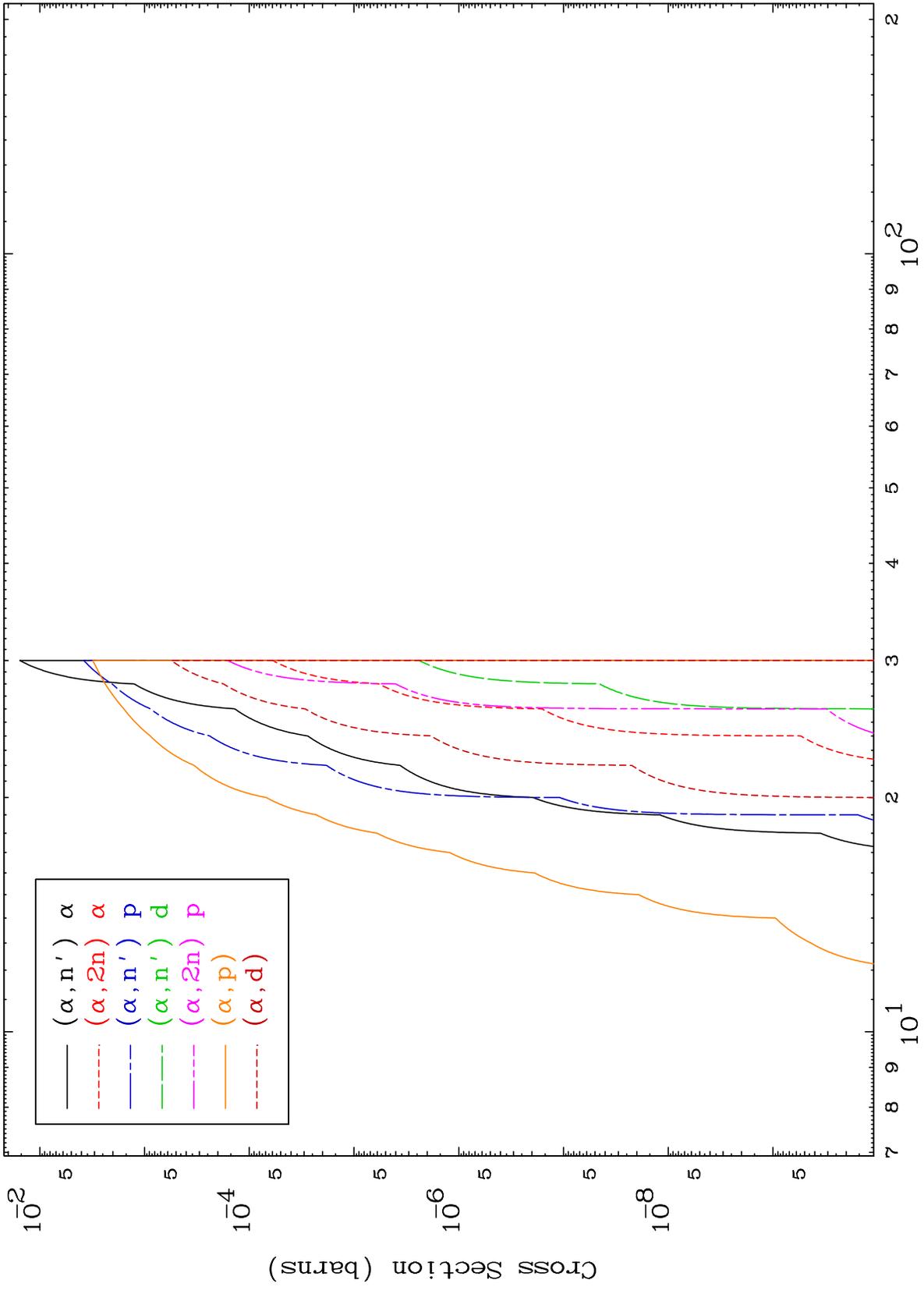
77-Ir-187



2

Incident Energy (MeV)

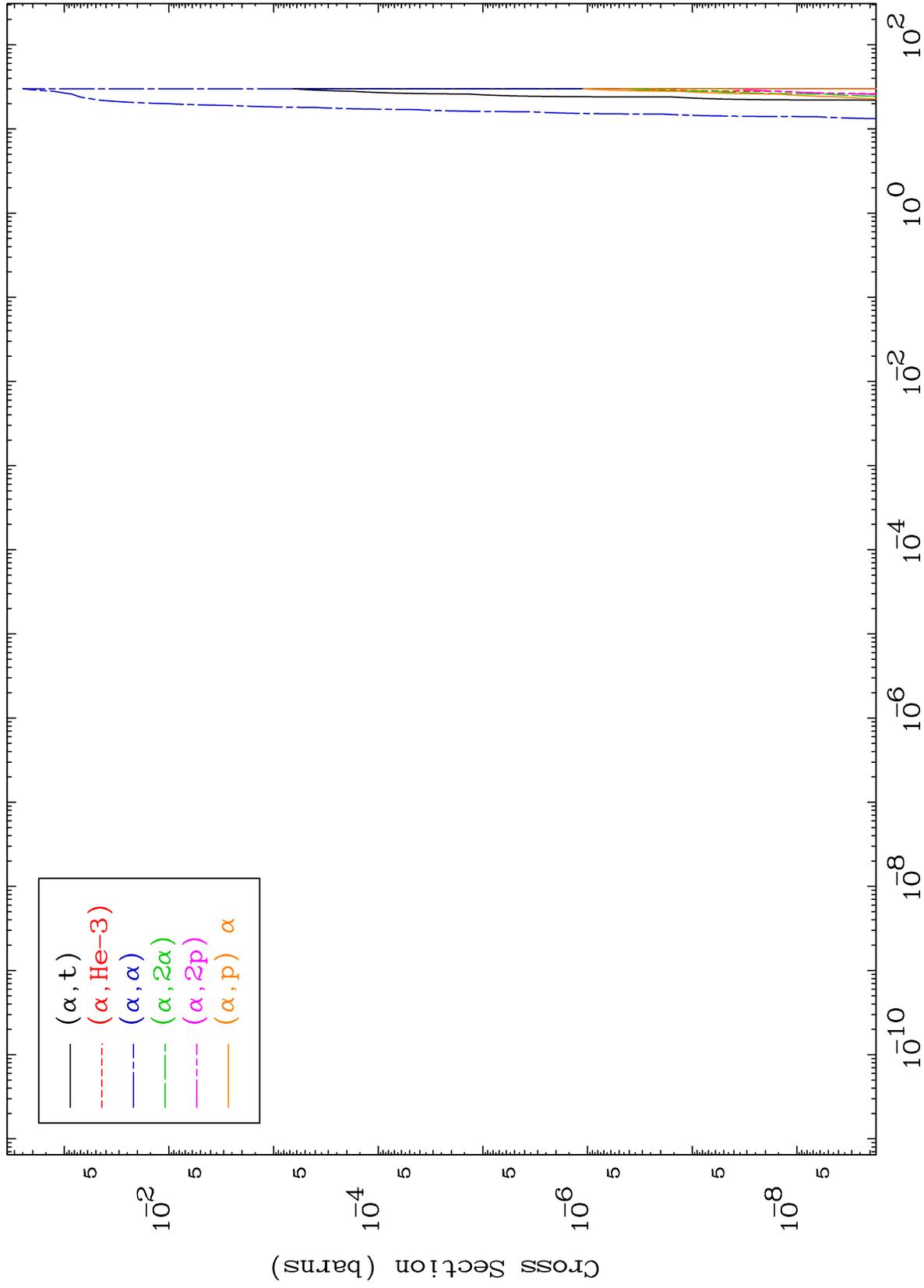
77-Ir-187



MAT 7713

α Charged Particle
0 Kelvin Cross Sections

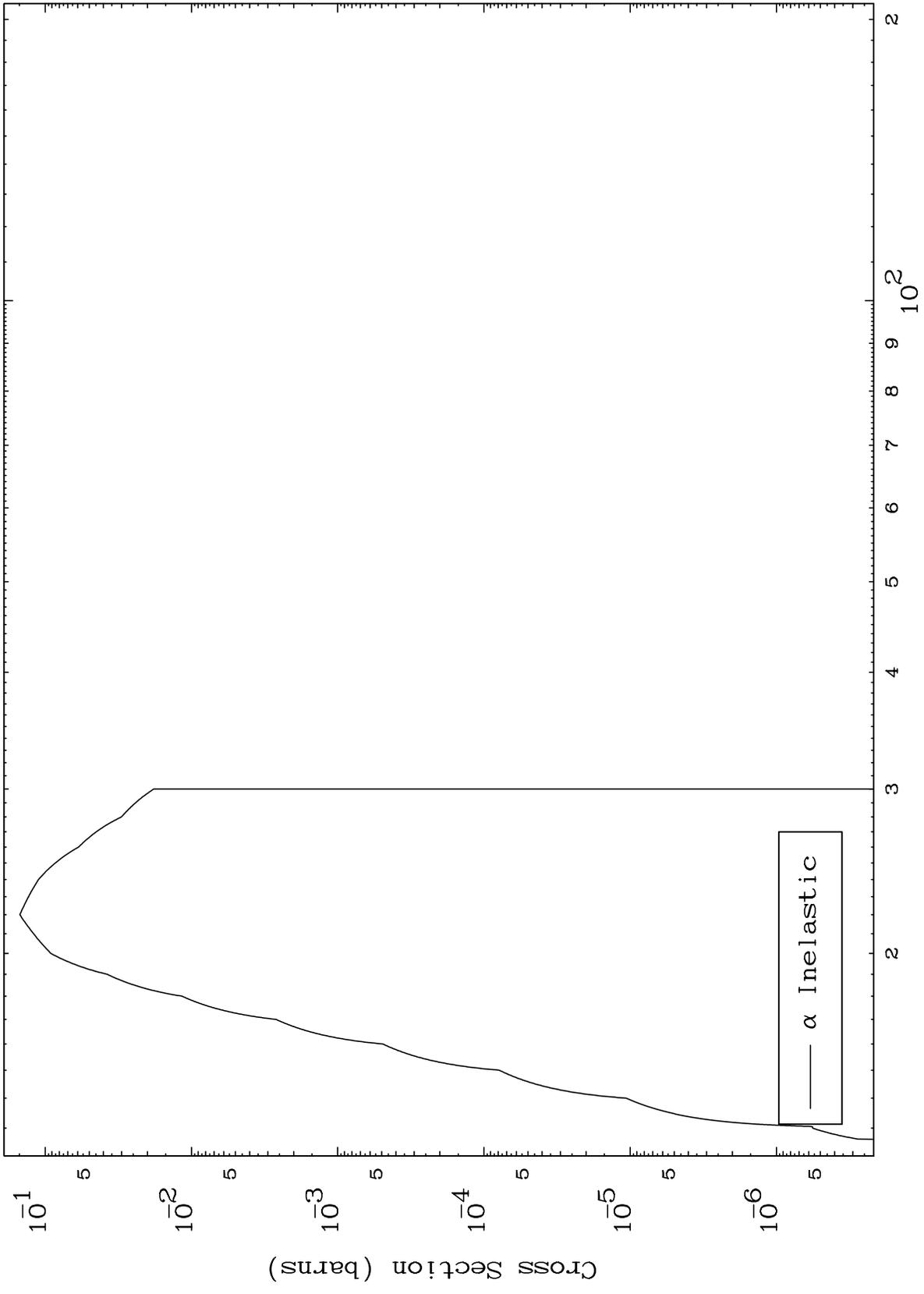
77-Ir-187



MAT 7713

(α, n') Level
0 Kelvin Cross Sections

77-Ir-187



5

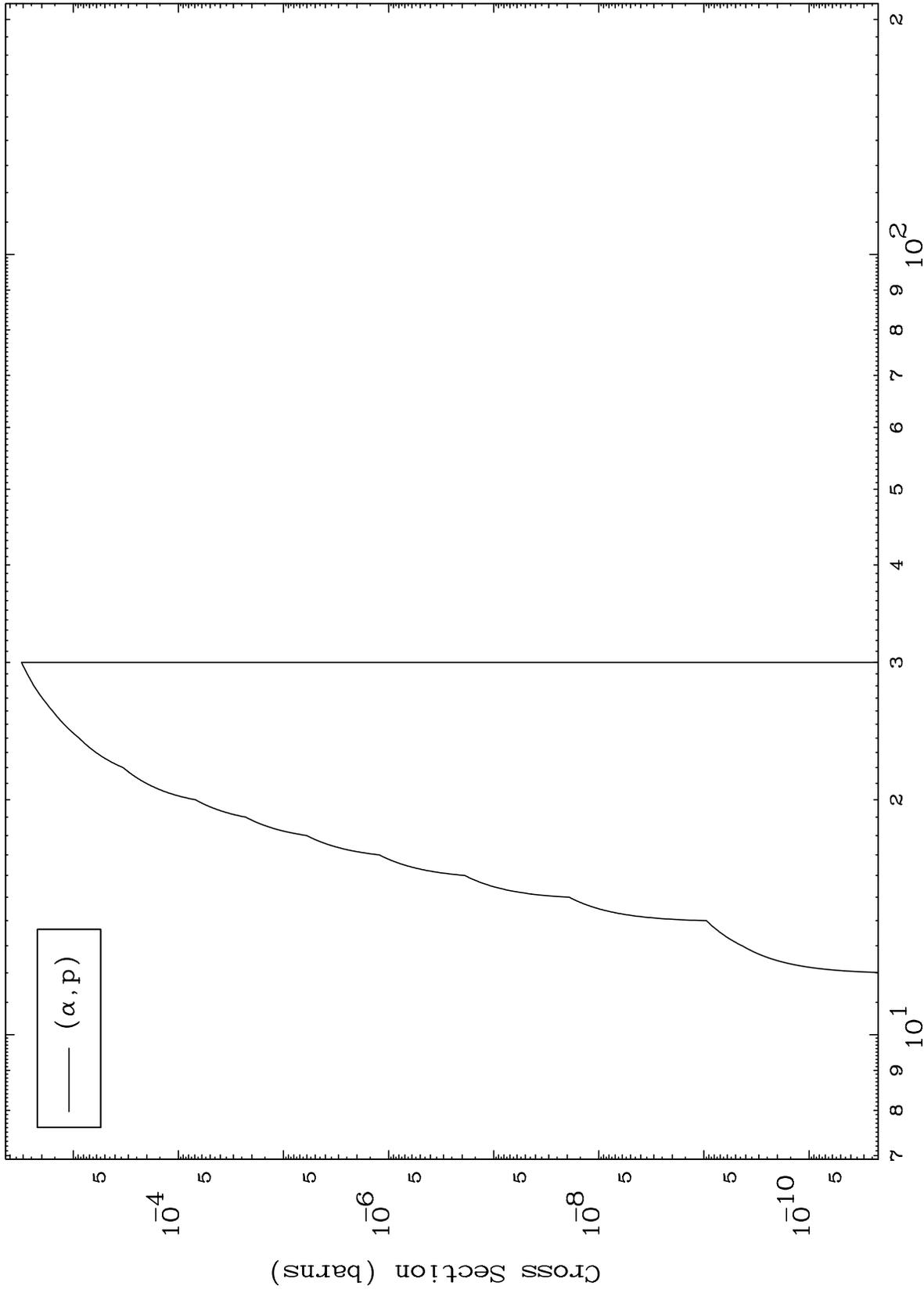
Incident Energy (MeV)

77-Ir-187

MAT 7713

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-187



6

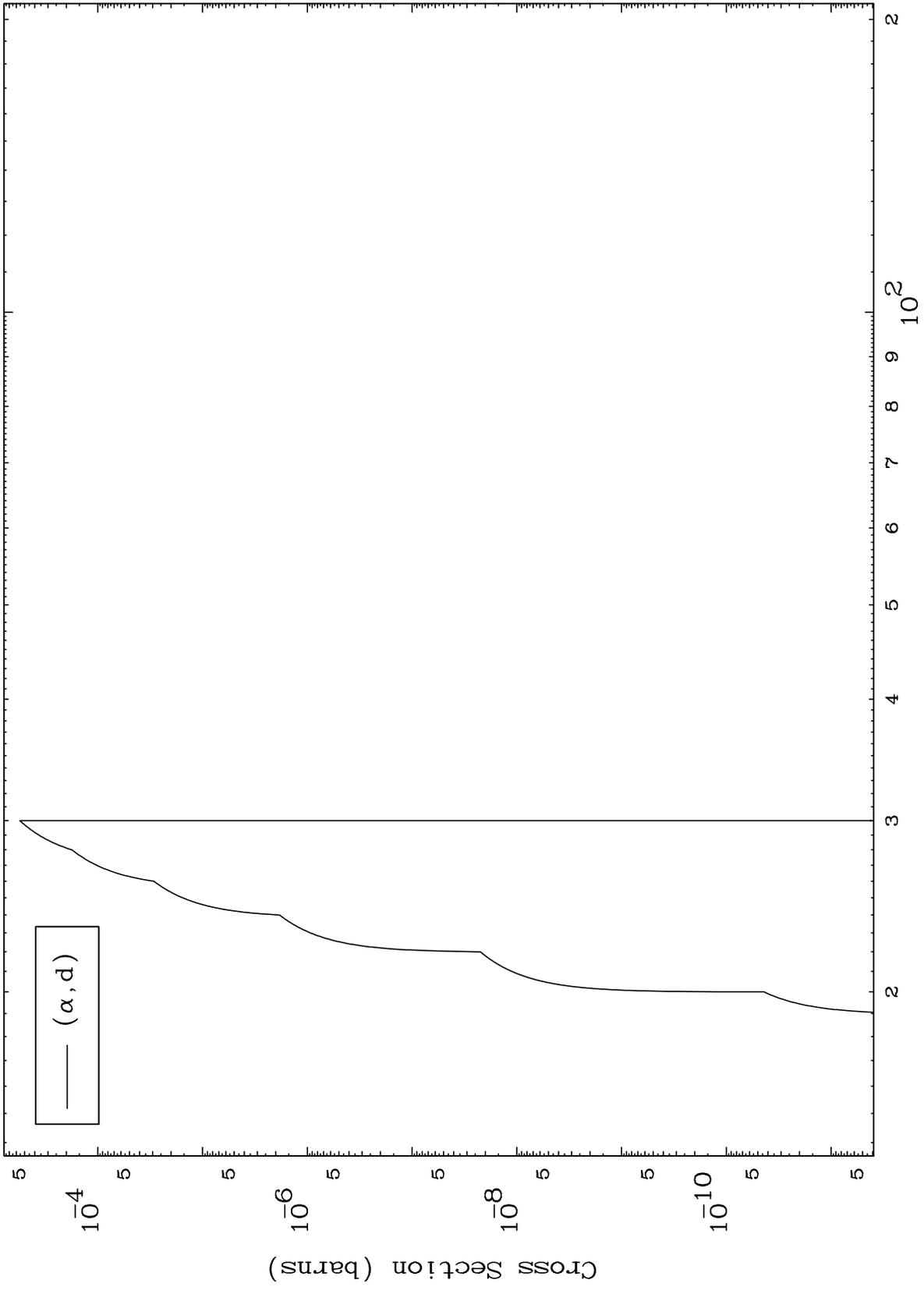
Incident Energy (MeV)

77-Ir-187

MAT 7713

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-187



7

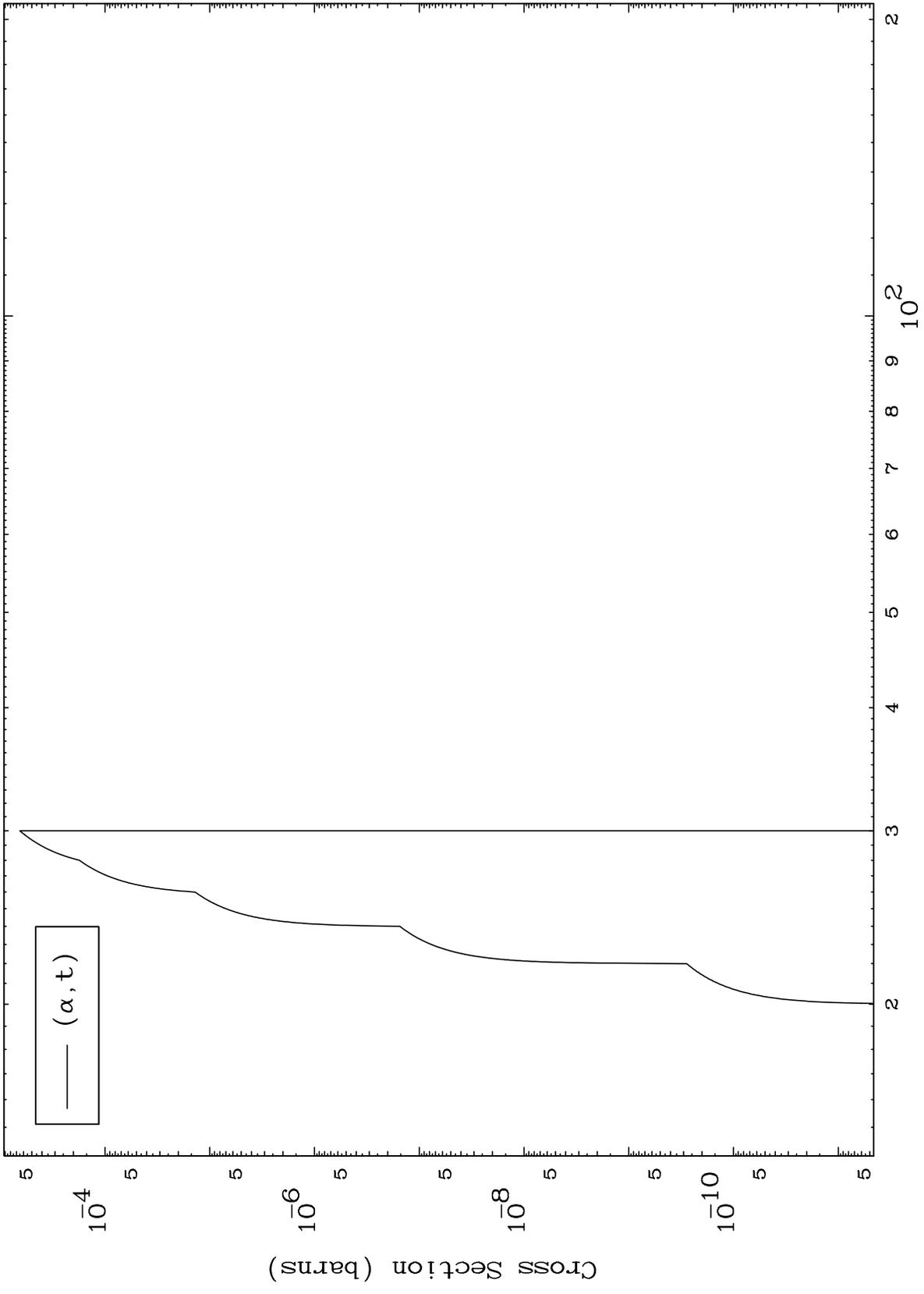
Incident Energy (MeV)

77-Ir-187

MAT 7713

(α, t) Levels
0 Kelvin Cross Sections

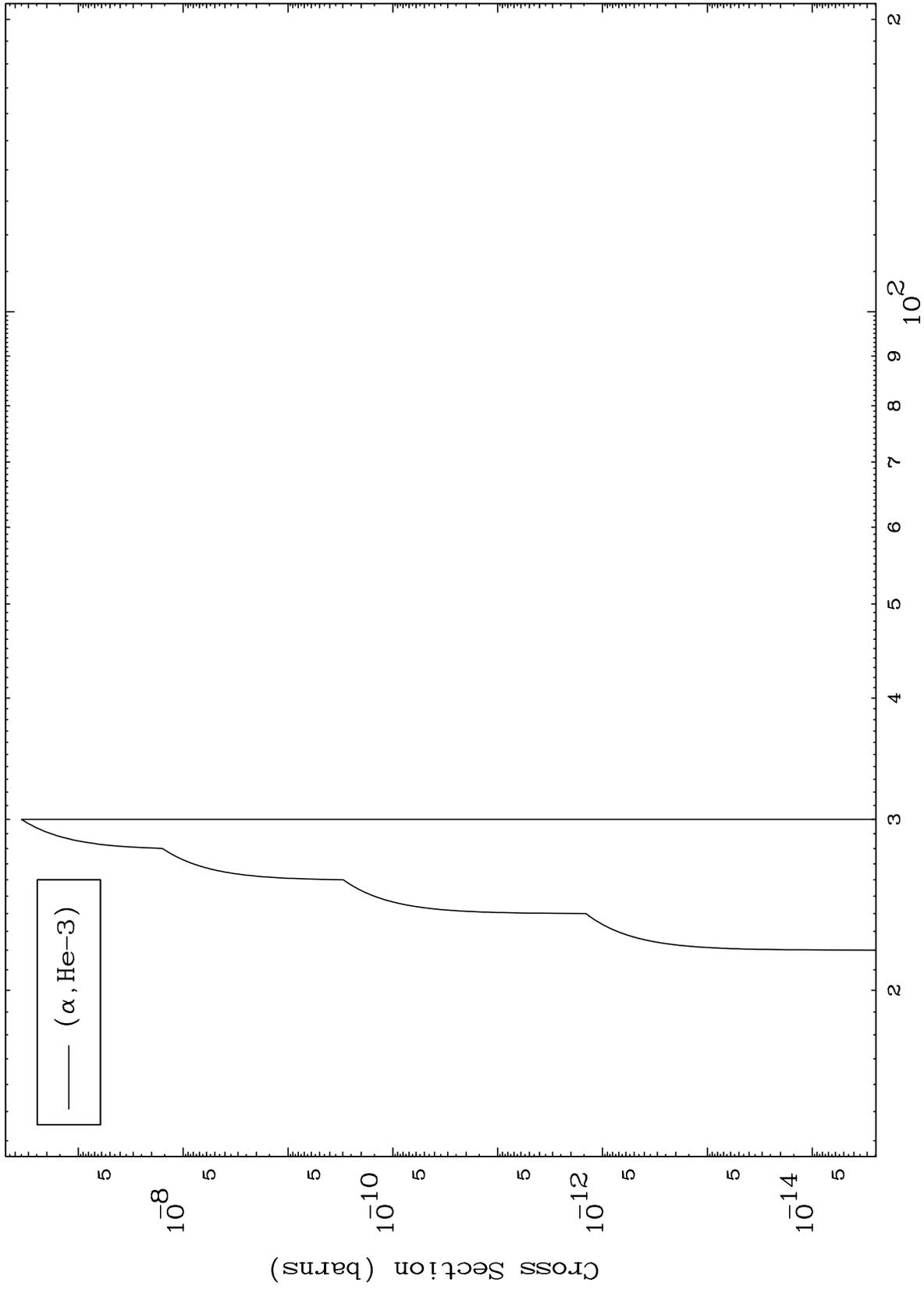
77-Ir-187



8

Incident Energy (MeV)

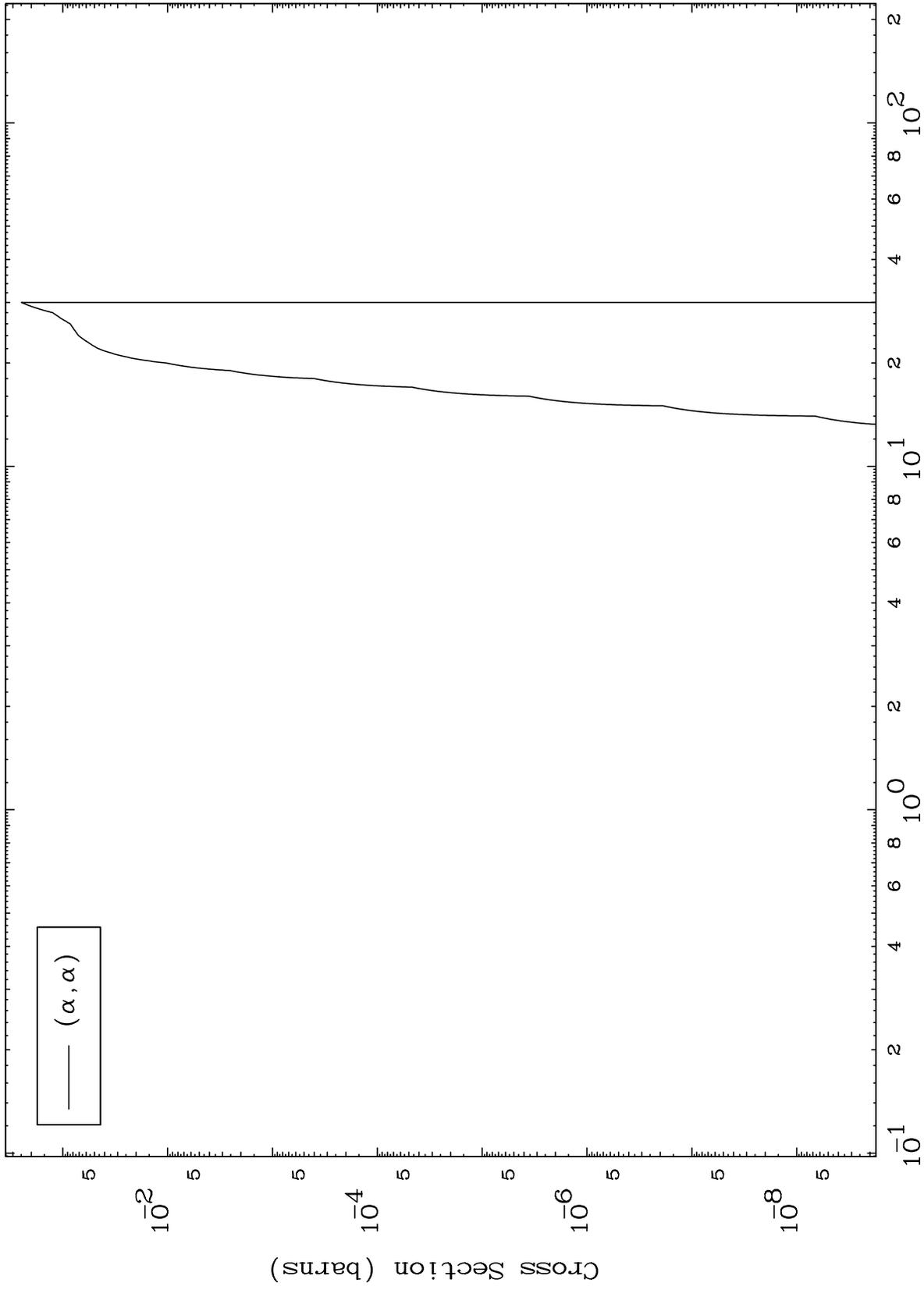
77-Ir-187



MAT 7713

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-187



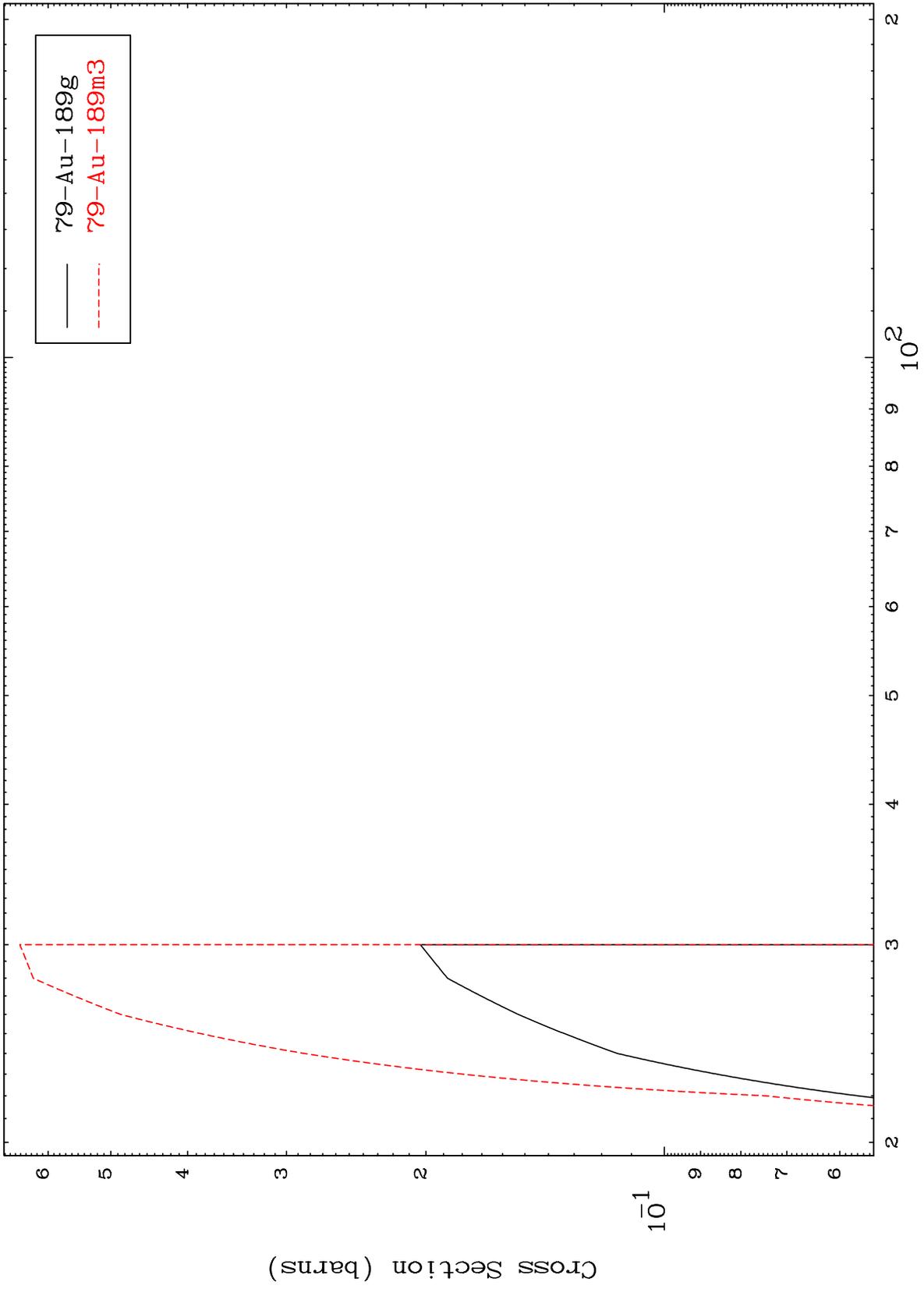
Incident Energy (MeV)

77-Ir-187

MAT 7713

77-Ir-187

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



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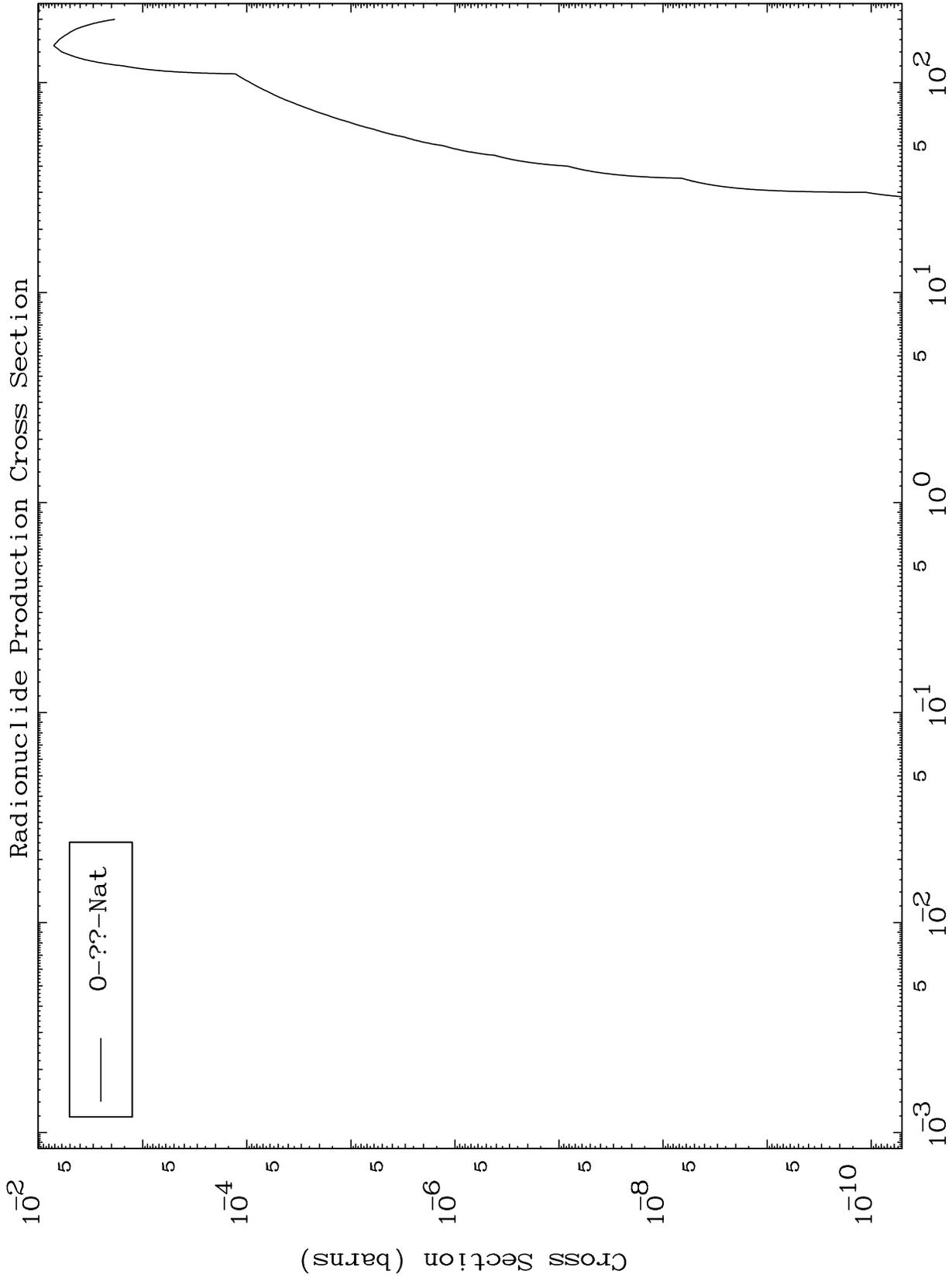
Incident Energy (MeV)

77-Ir-187

MAT 7713

α Fission
Radionuclide Production Cross Section

77-Ir-187



12

Incident Energy (MeV)

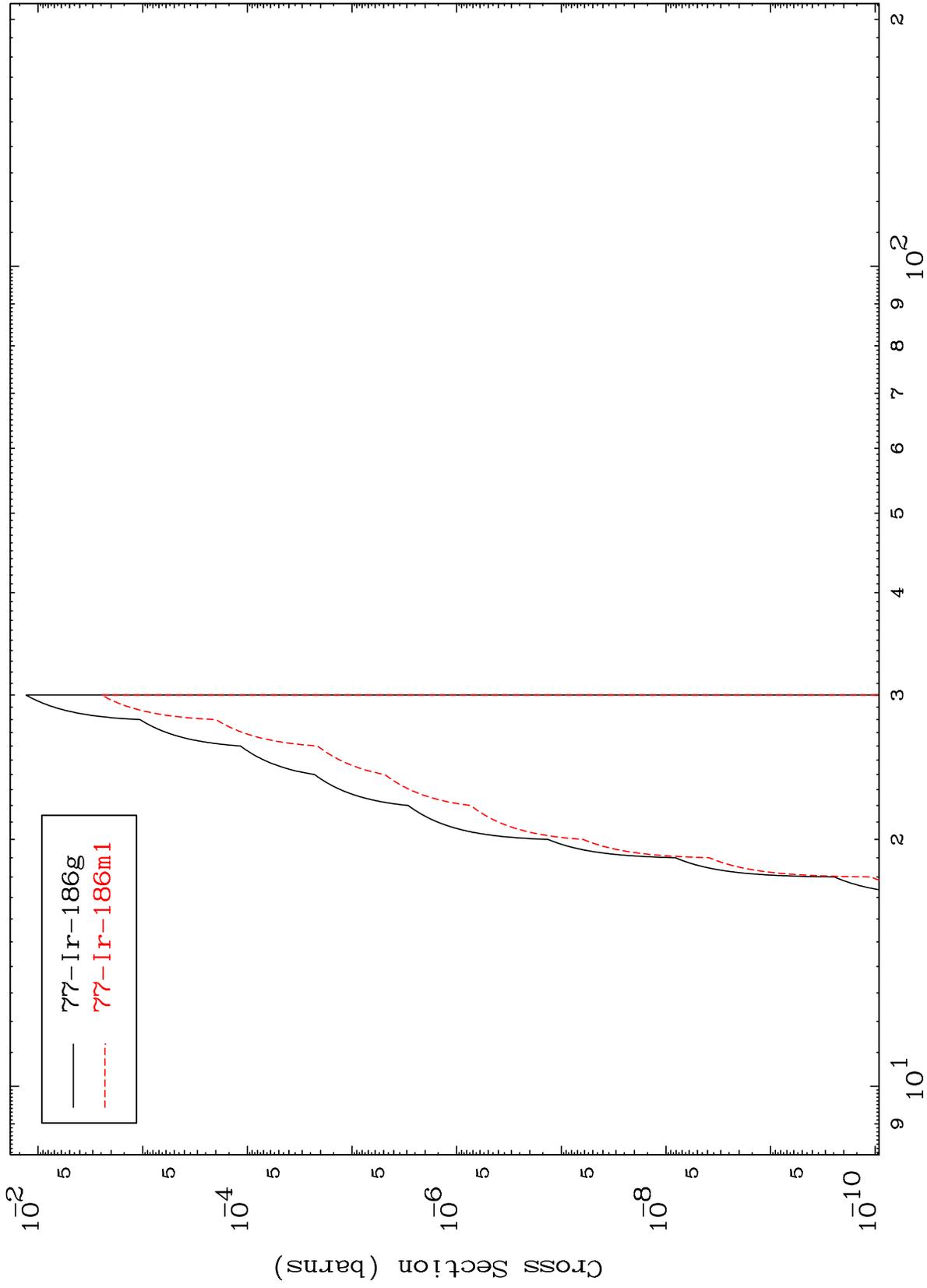
77-Ir-187

MAT 7713

(α, n') α

⁷⁷Ir-187

Radionuclide Production Cross Section



13

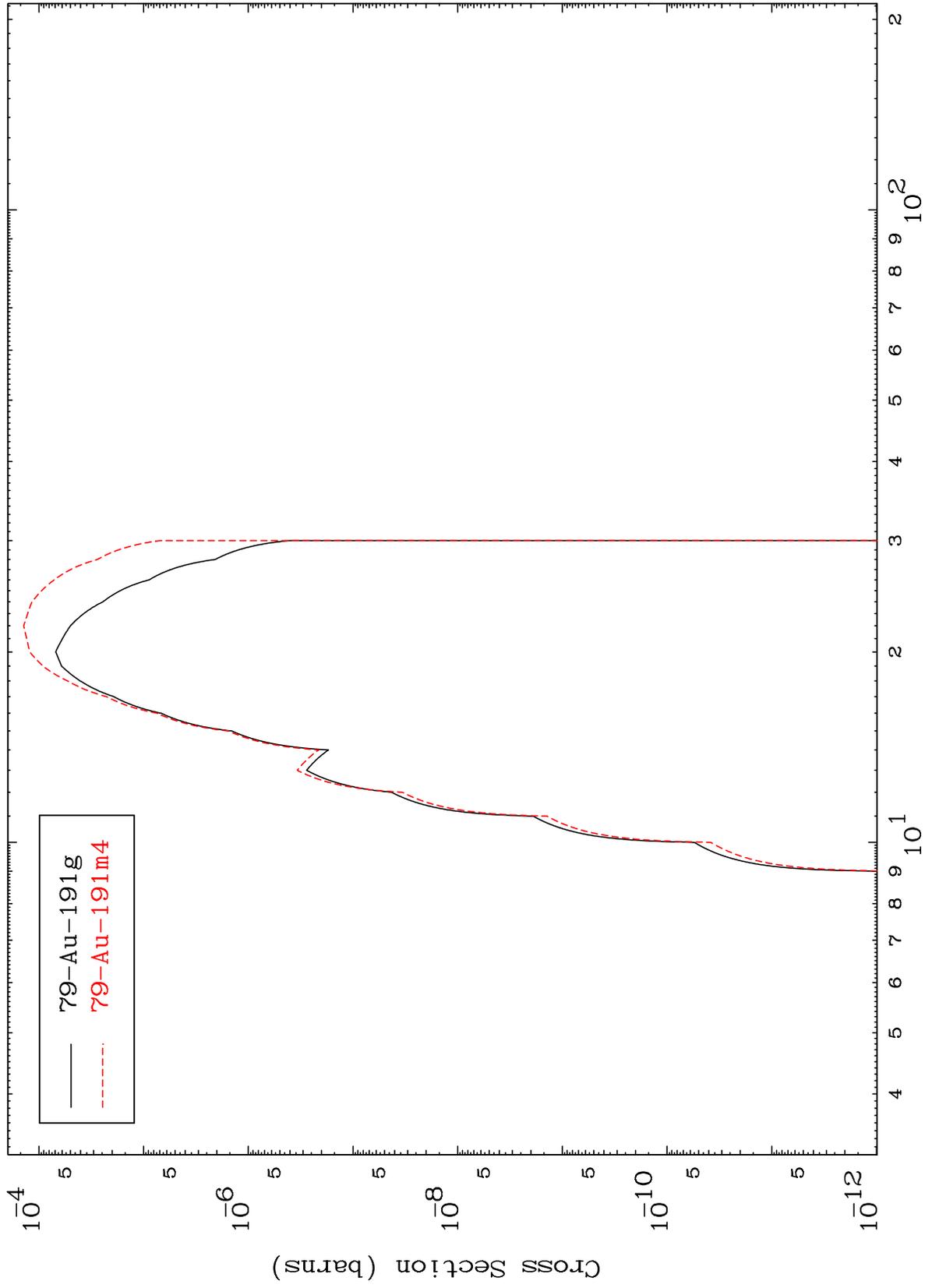
Incident Energy (MeV)

⁷⁷Ir-187

MAT 7713

77-Ir-187

(α, γ)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

77-Ir-187