

Program EVALPLOT
(Version 2018-1)

by

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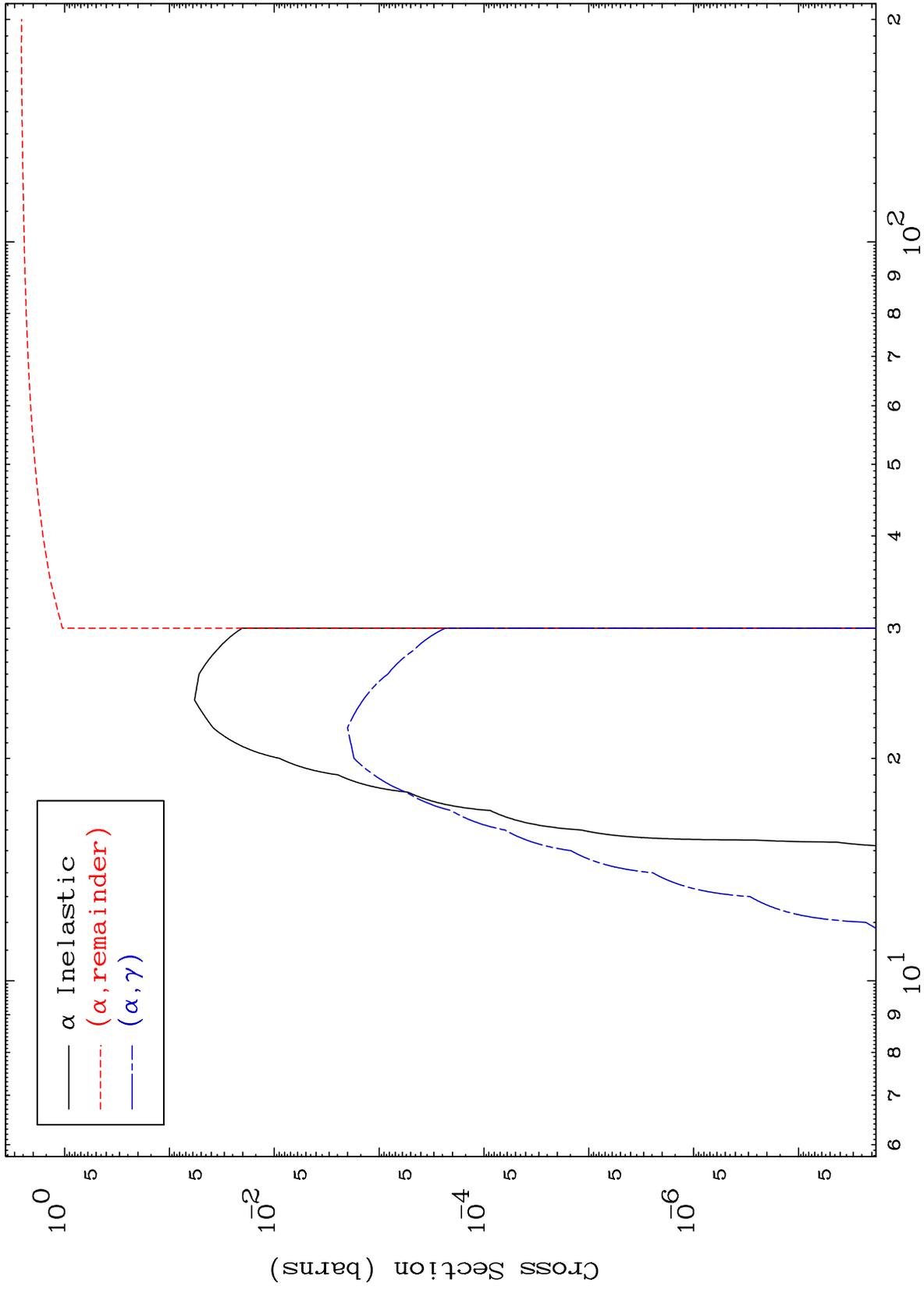
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7675

0 Kelvin α Major
Cross Sections

77-Ir-174



1

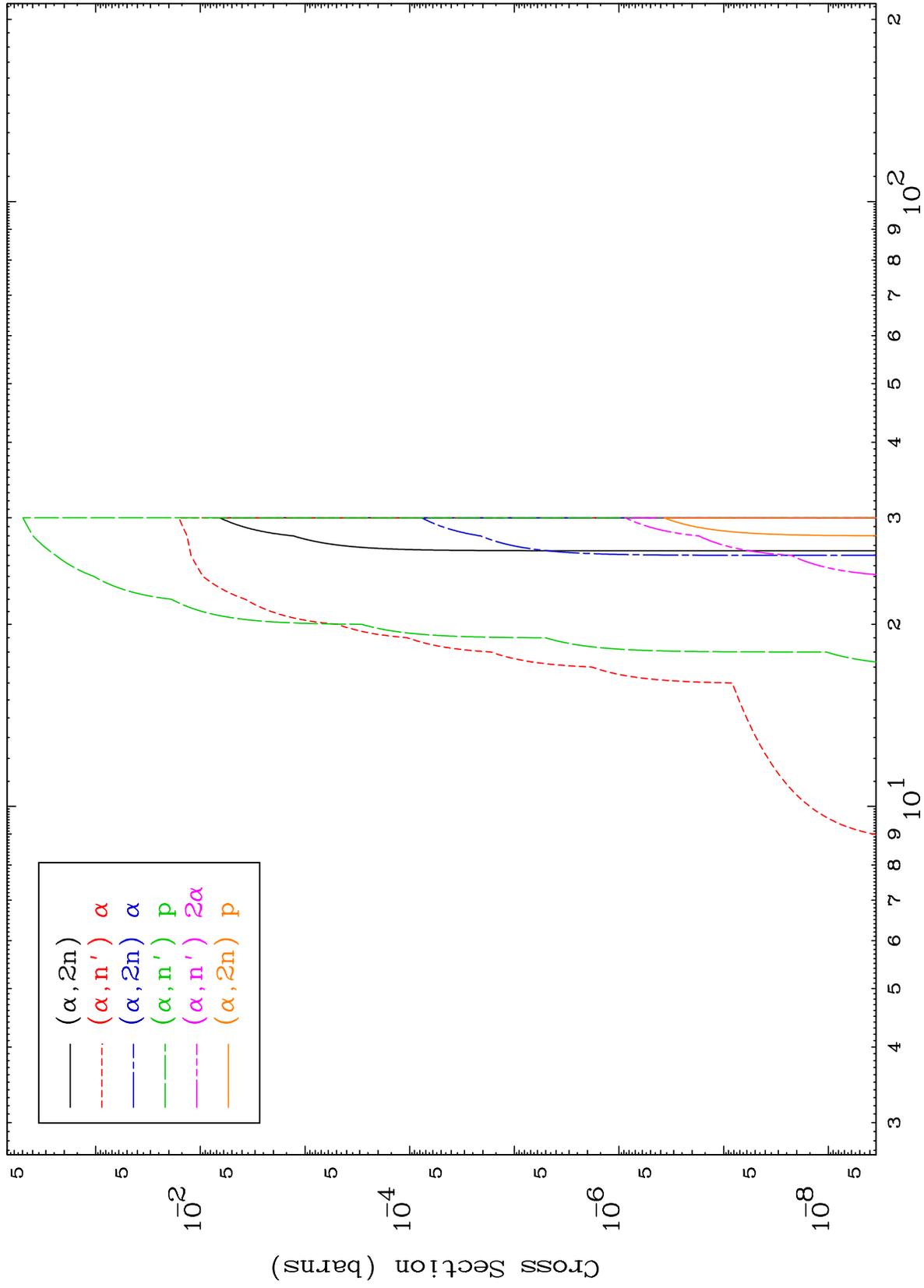
Incident Energy (MeV)

77-Ir-174

MAT 7675

α Neutron Production
0 Kelvin Cross Sections

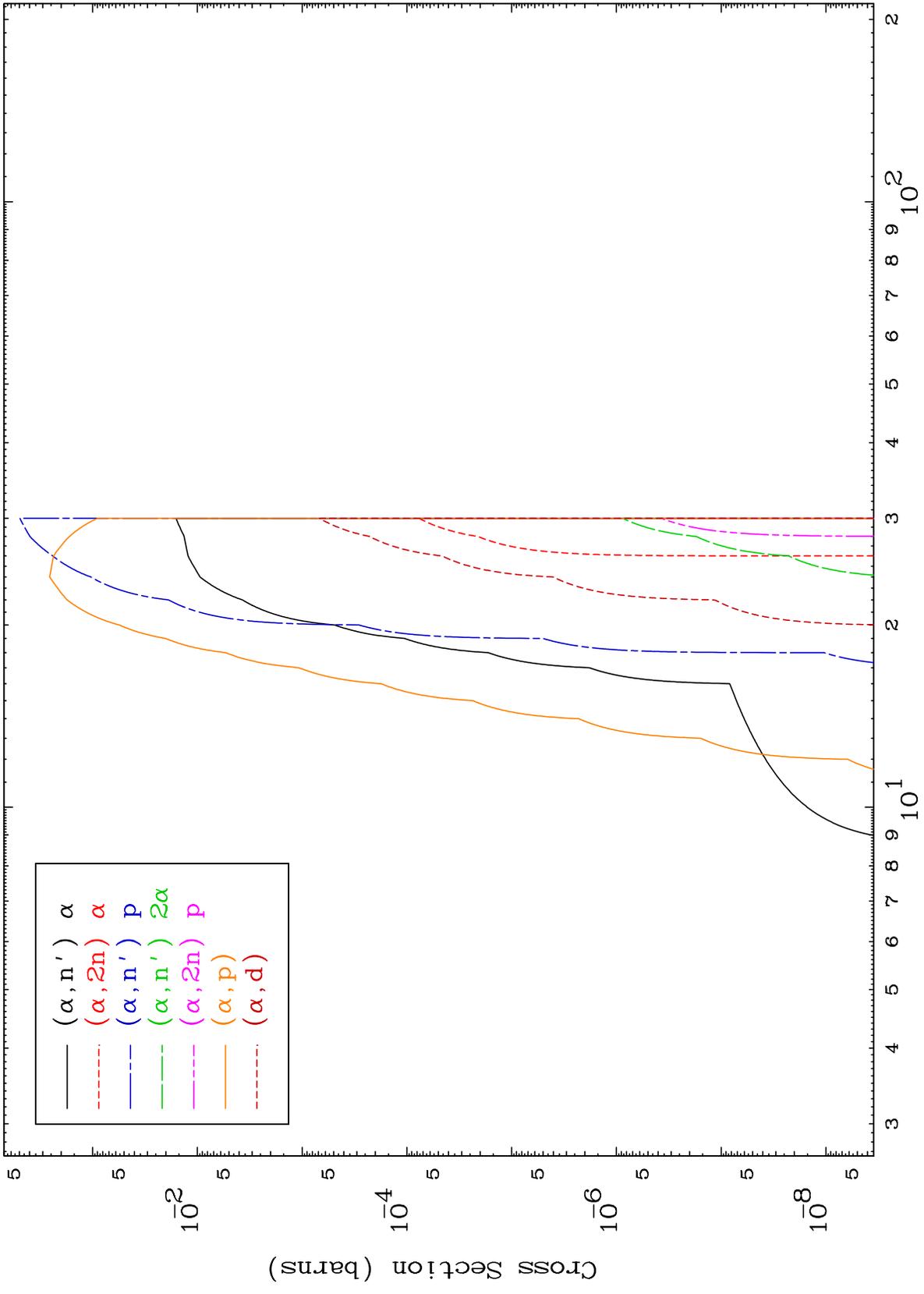
77-Ir-174



2

Incident Energy (MeV)

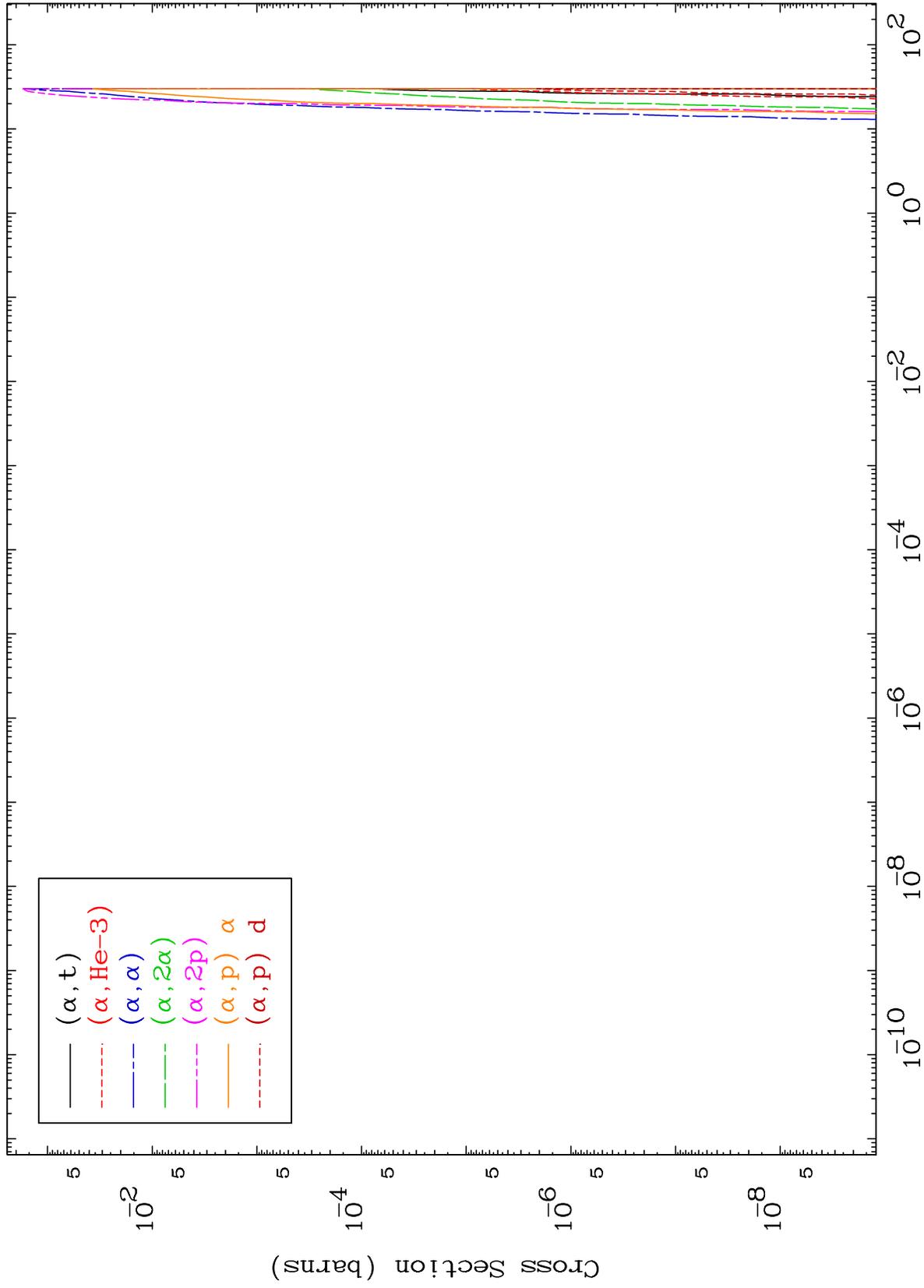
77-Ir-174



MAT 7675

α Charged Particle
0 Kelvin Cross Sections

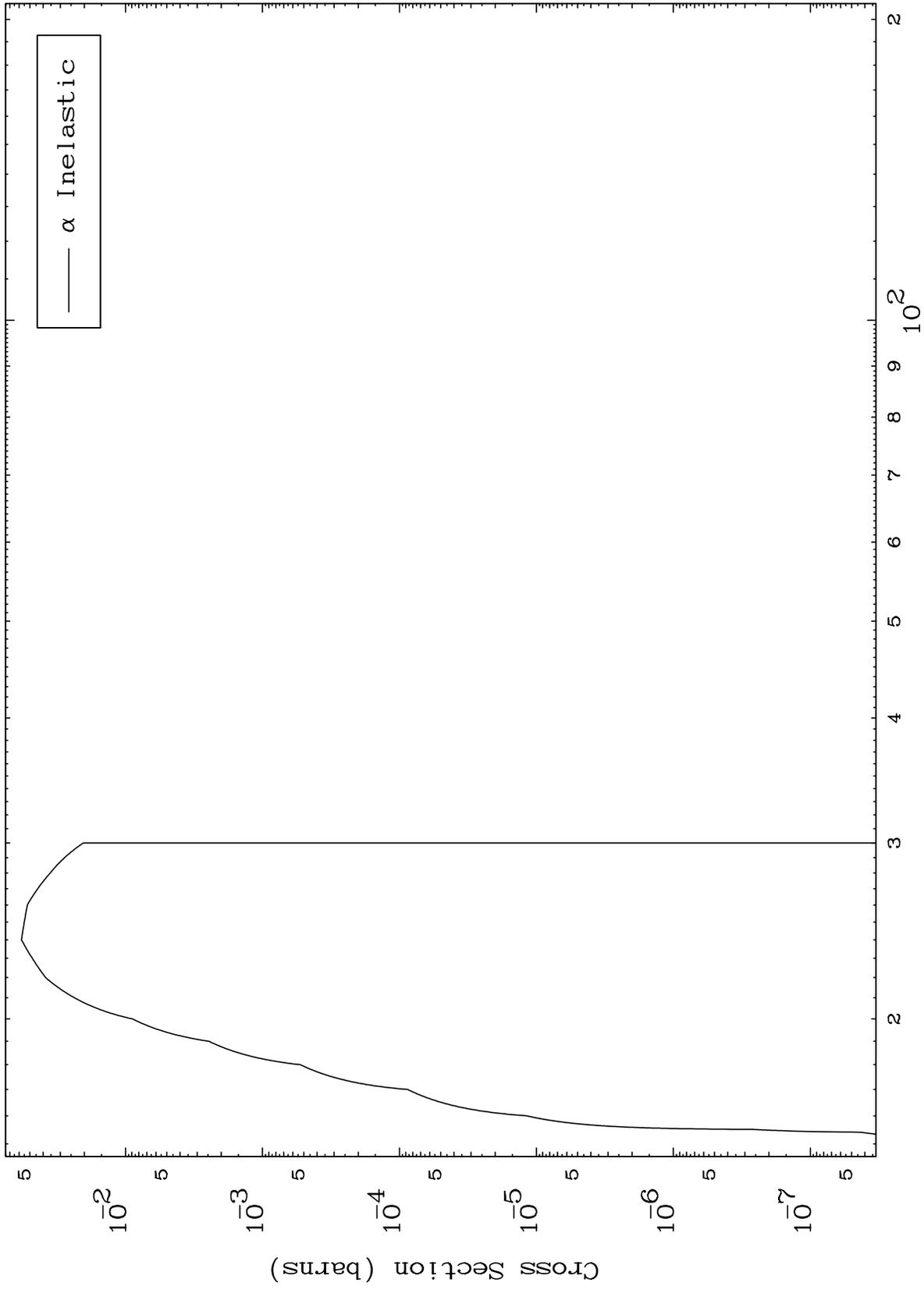
77-Ir-174



MAT 7675

(α, n') Level
0 Kelvin Cross Sections

77-Ir-174



5

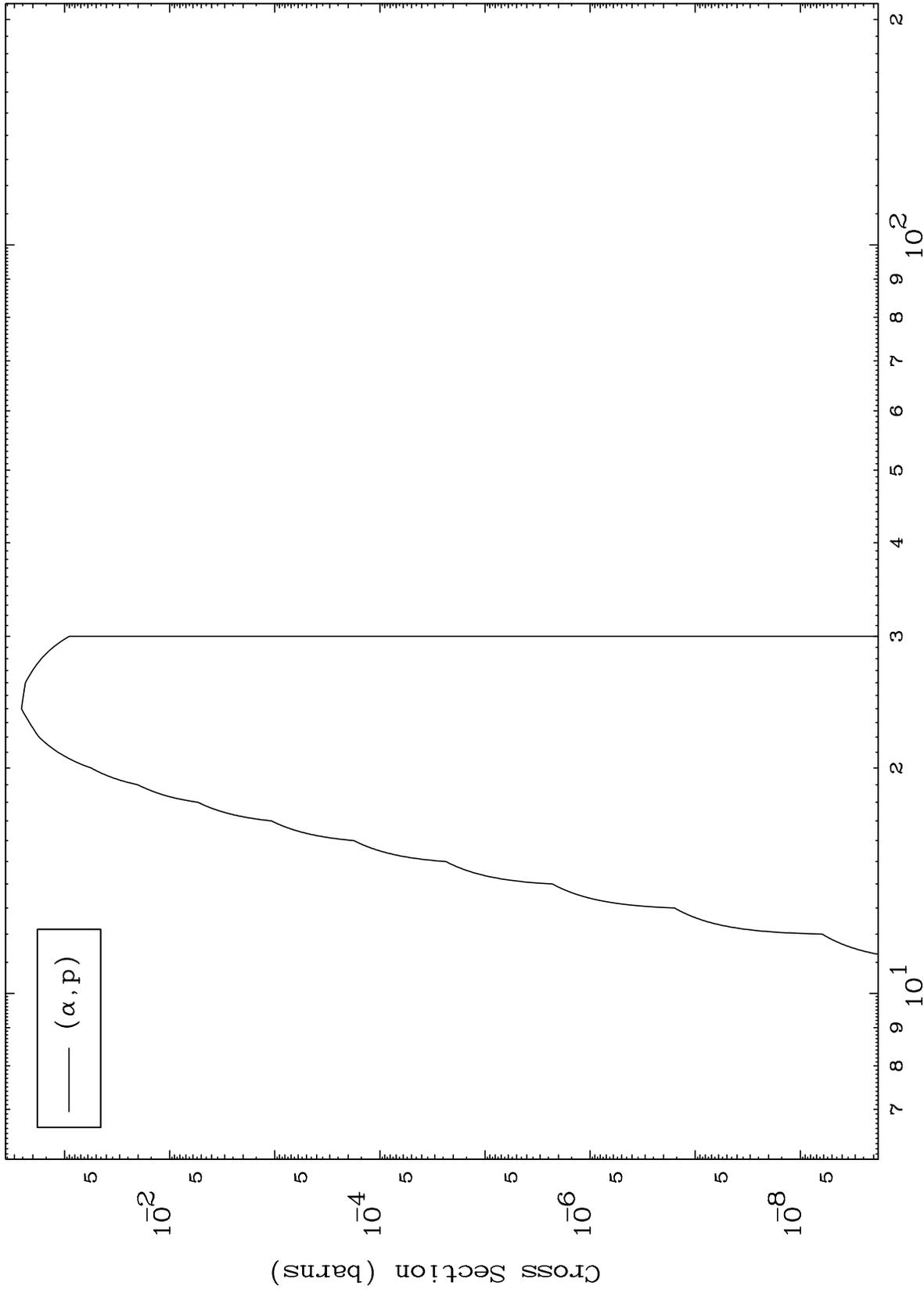
Incident Energy (MeV)

77-Ir-174

MAT 7675

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-174



6

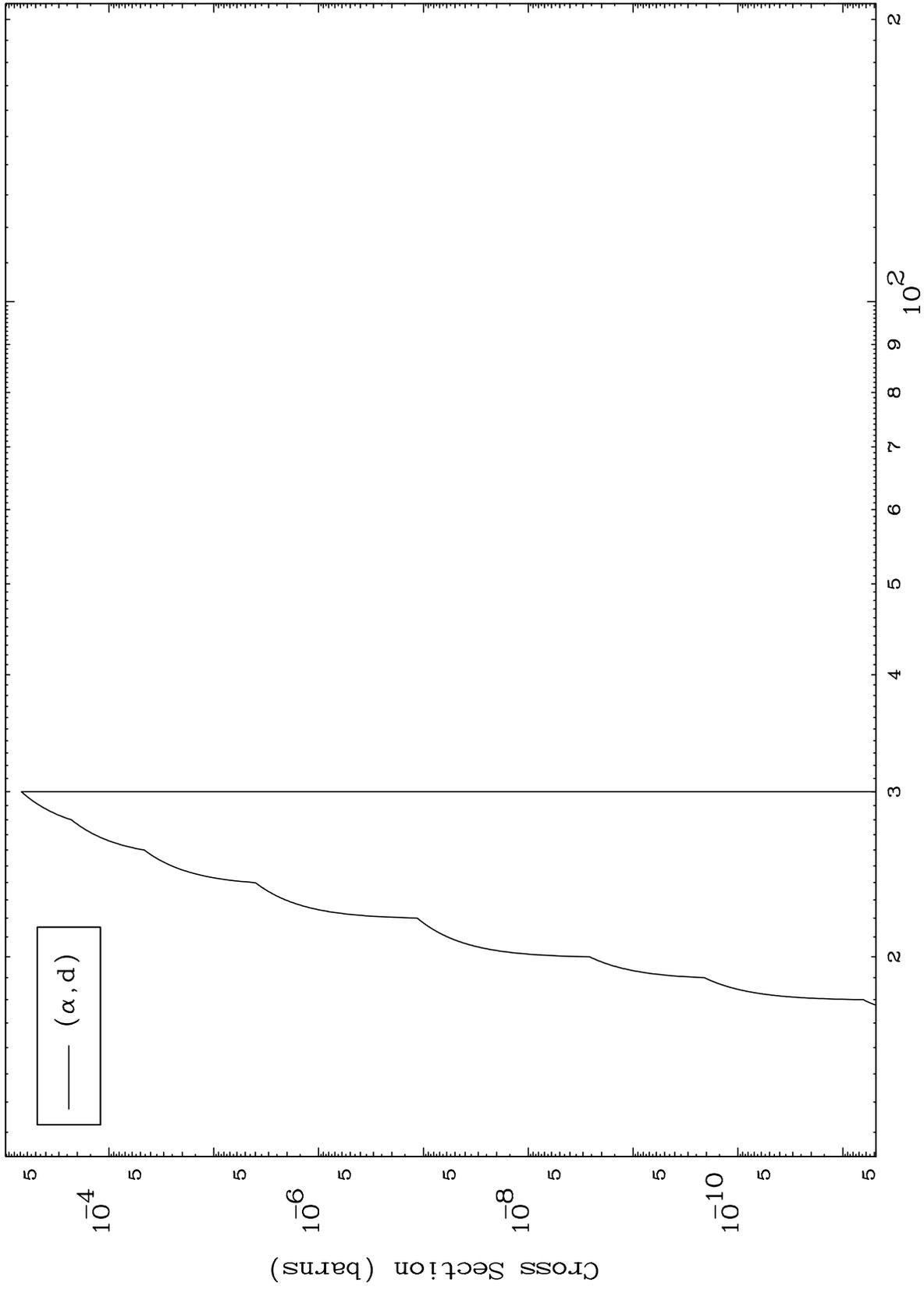
Incident Energy (MeV)

77-Ir-174

MAT 7675

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-174



7

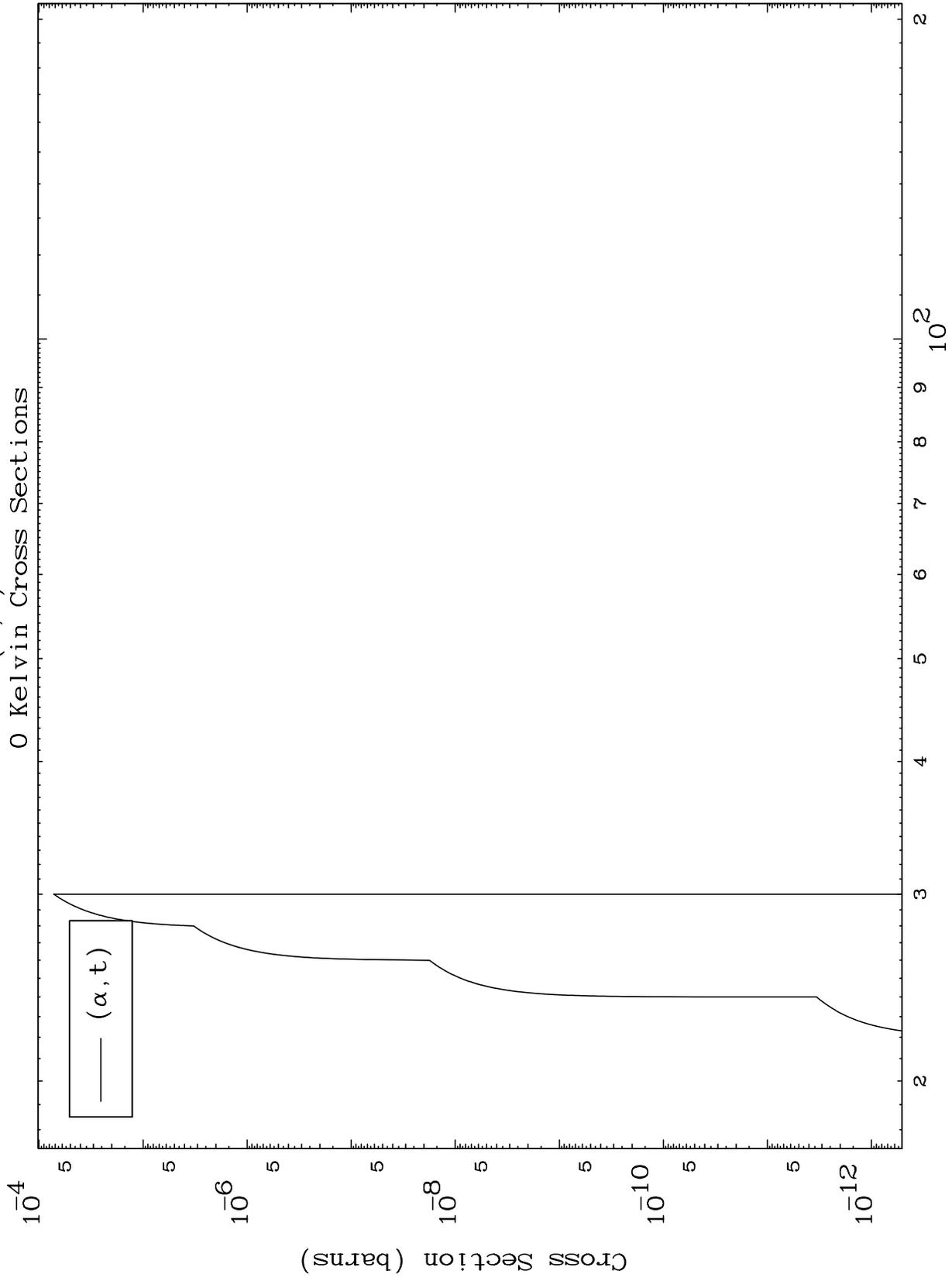
Incident Energy (MeV)

77-Ir-174

MAT 7675

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-174



8

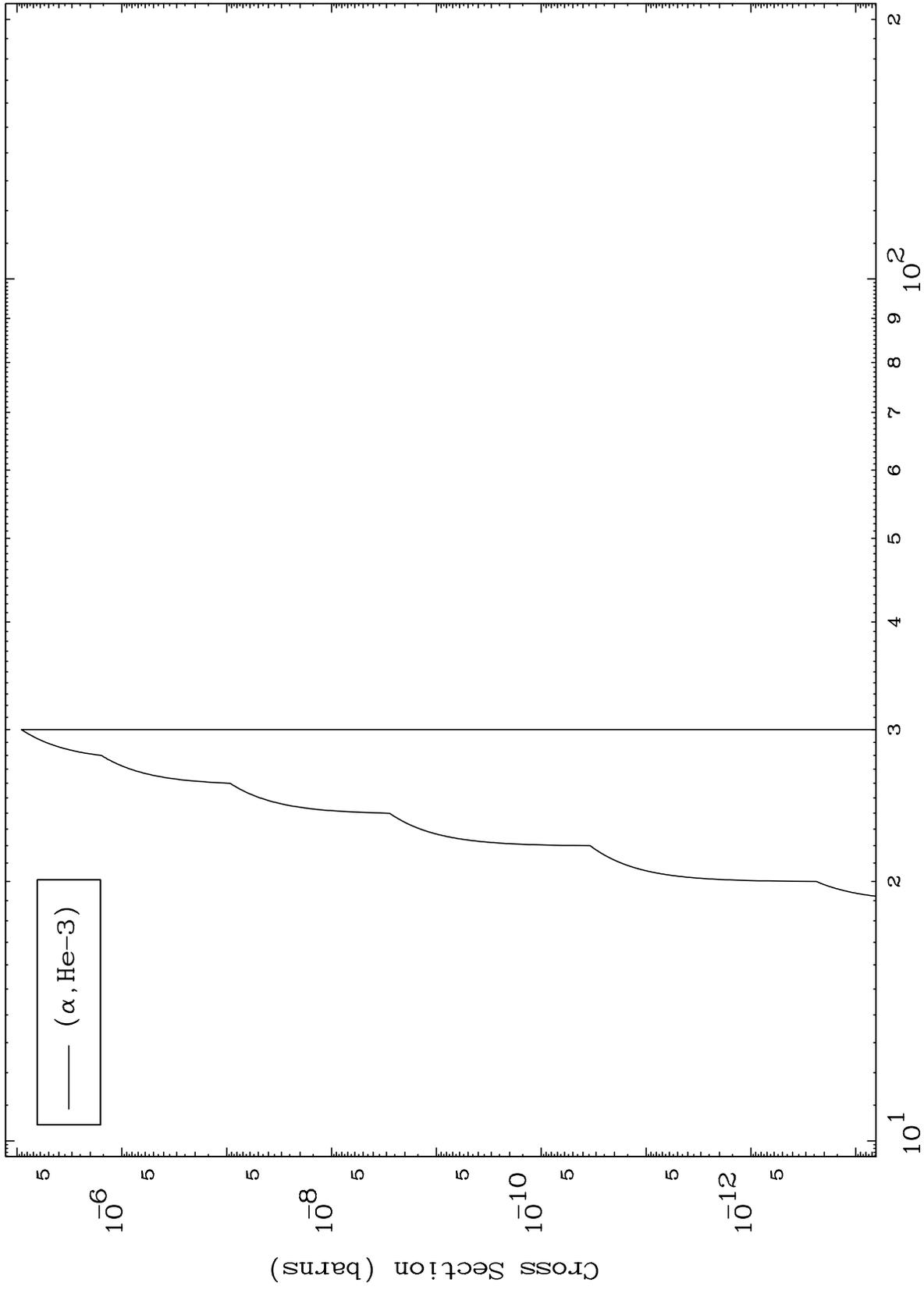
Incident Energy (MeV)

77-Ir-174

MAT 7675

(α ,He3) Levels
0 Kelvin Cross Sections

77-Ir-174



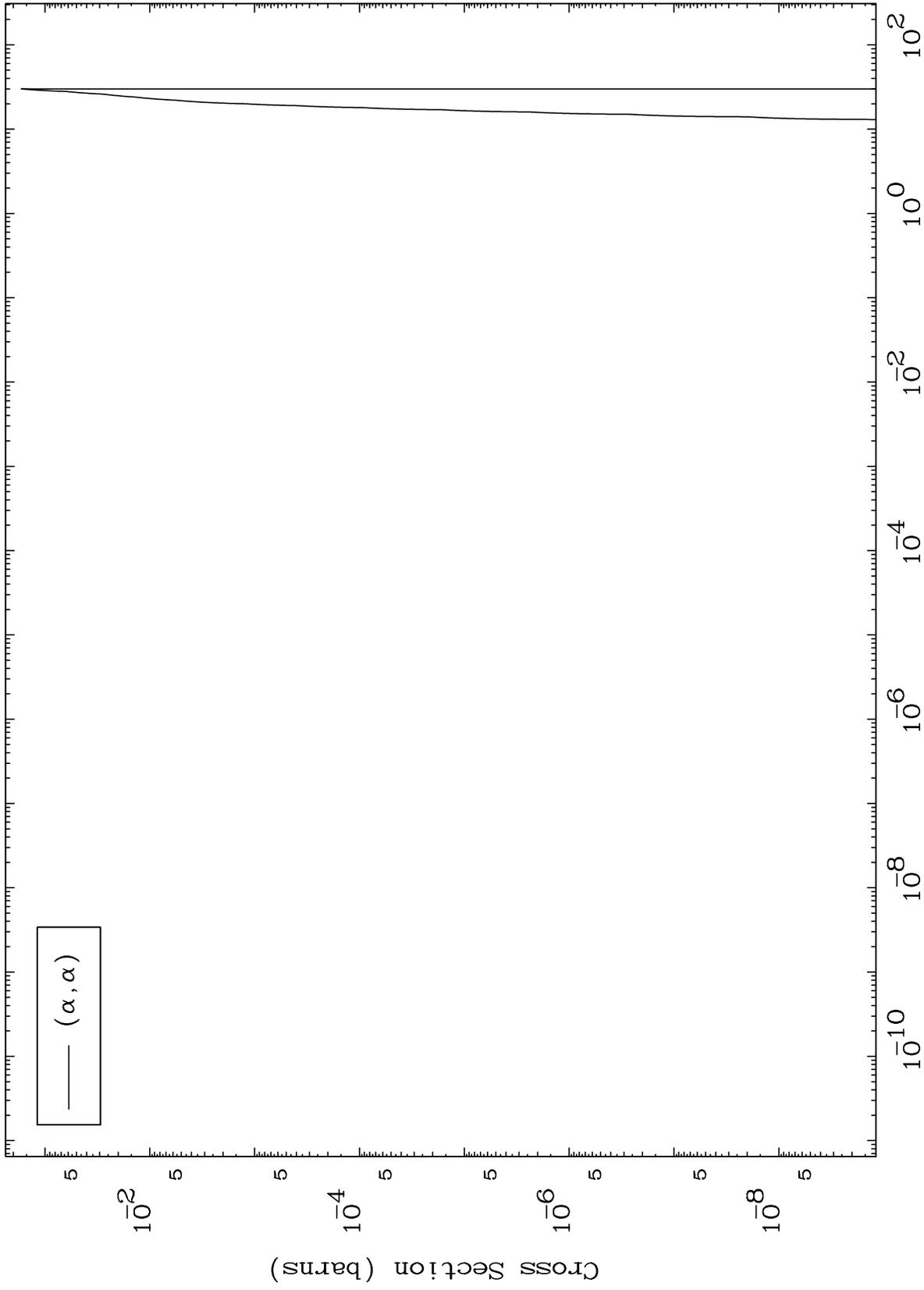
Incident Energy (MeV)

77-Ir-174

MAT 7675

(α, α) Levels
0 Kelvin Cross Sections

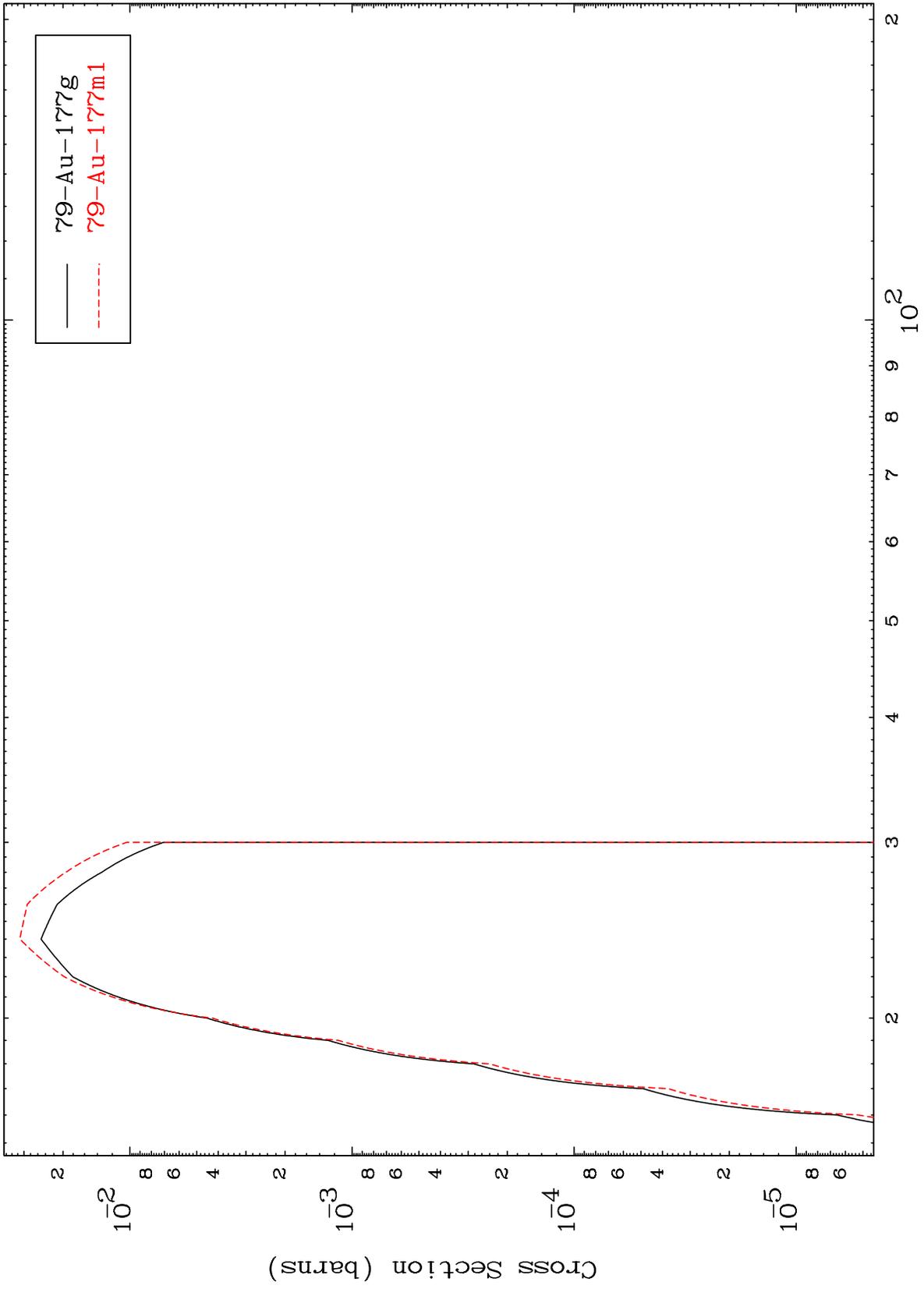
77-Ir-174



10

Incident Energy (MeV)

77-Ir-174

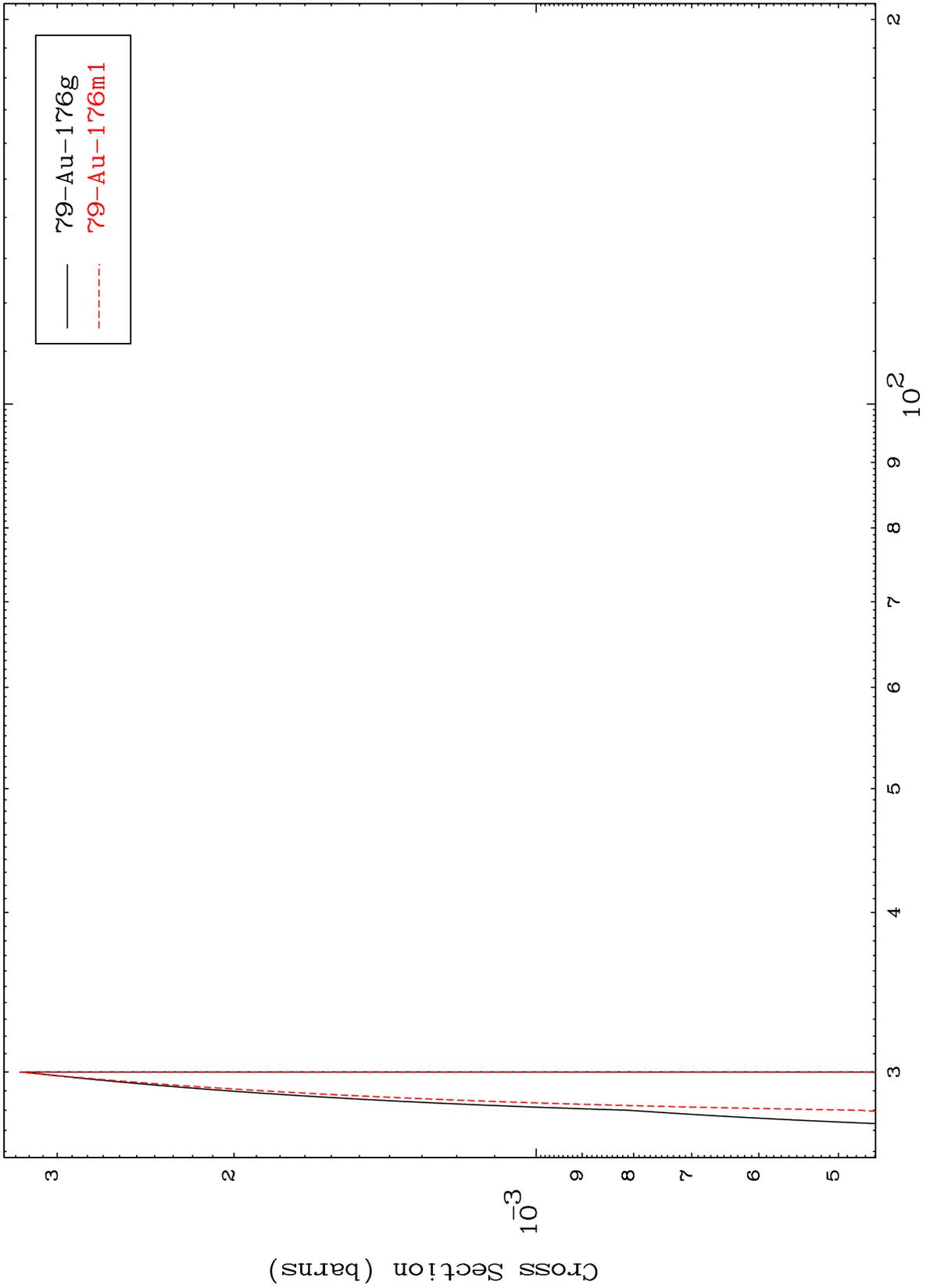


MAT 7675

($\alpha, 2n$)

⁷⁷Ir-174

Radionuclide Production Cross Section



12

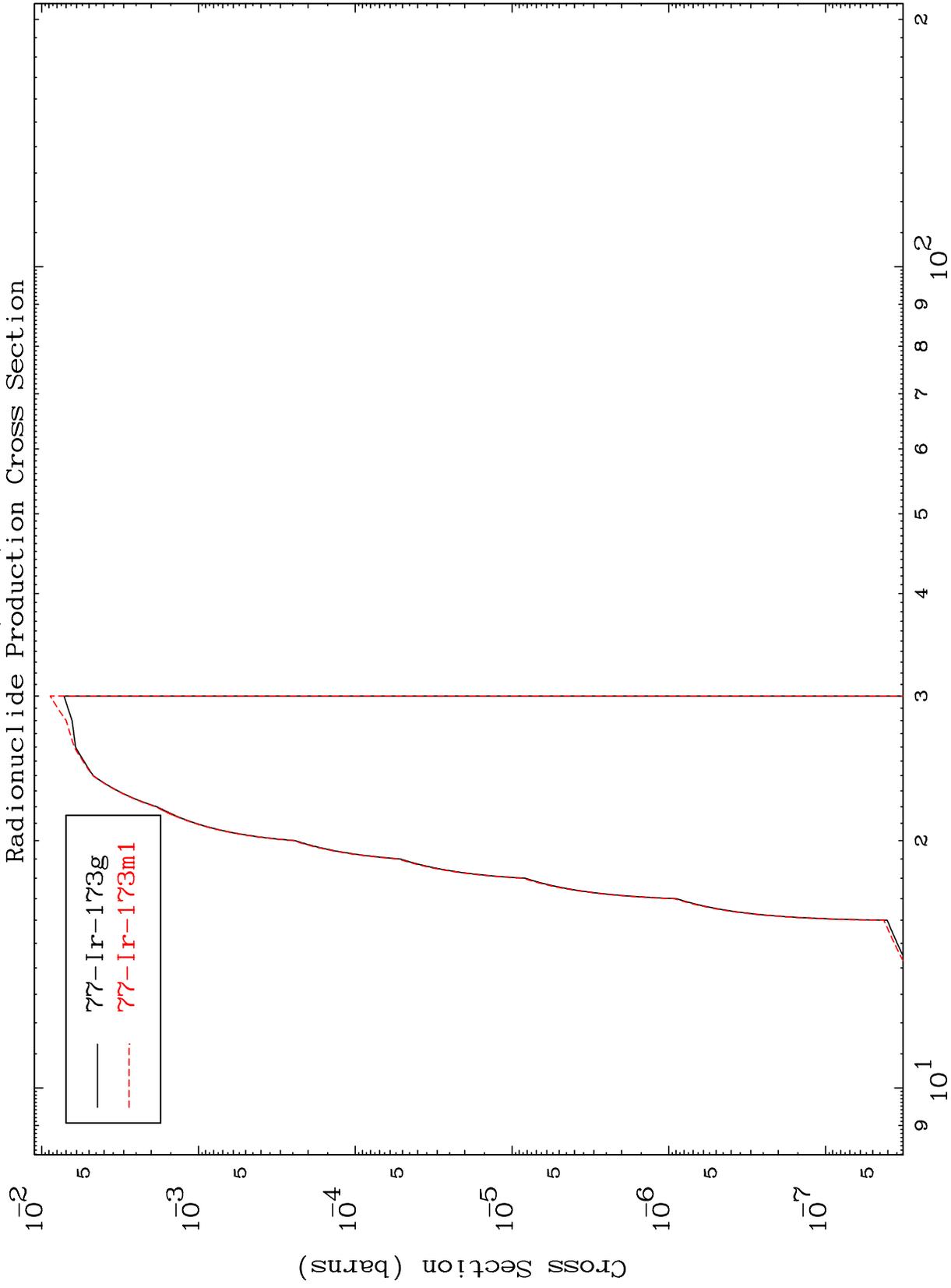
Incident Energy (MeV)

⁷⁷Ir-174

MAT 7675

(α, n') α

⁷⁷Ir-174



13

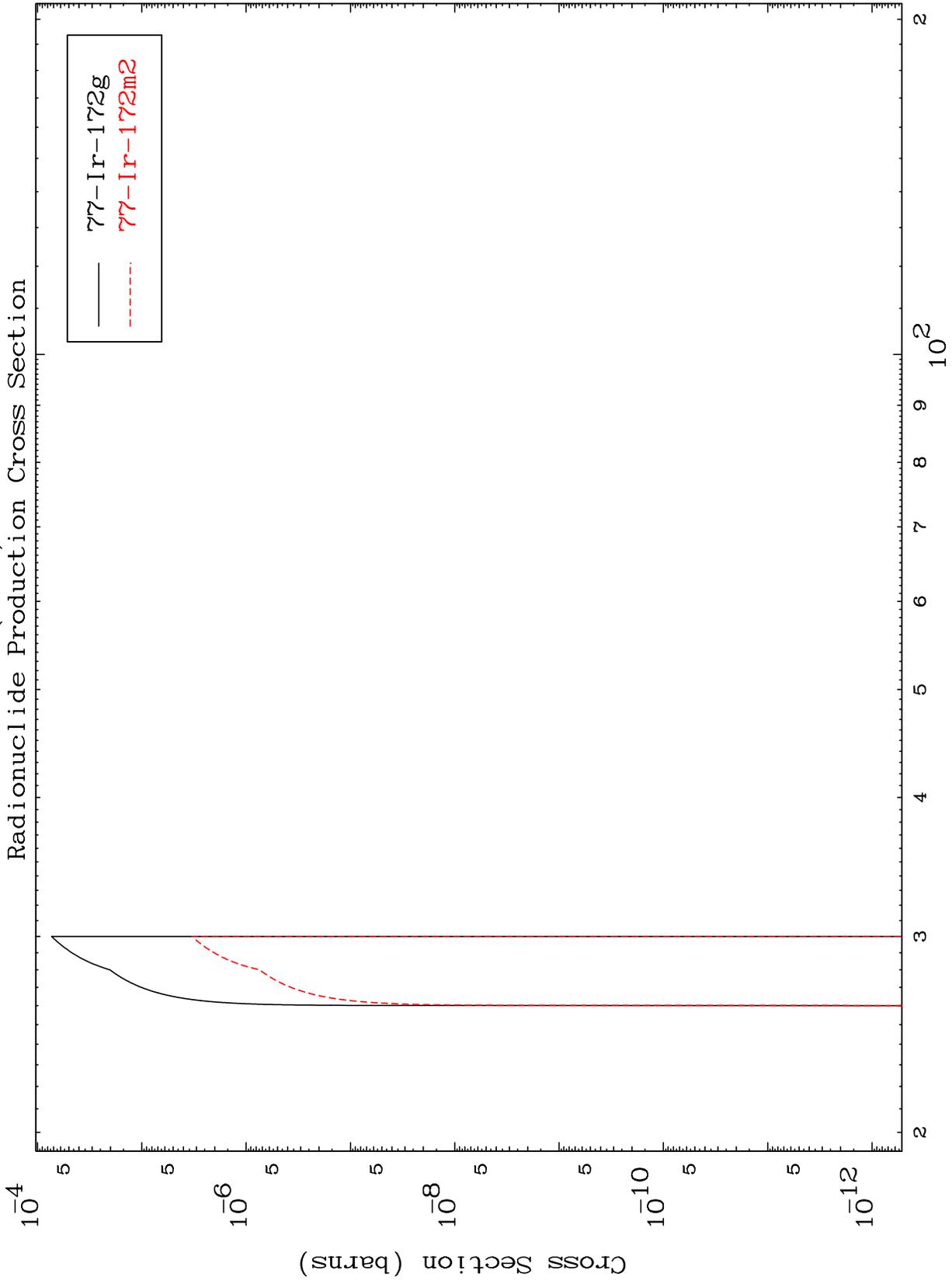
Incident Energy (MeV)

⁷⁷Ir-174

MAT 7675

($\alpha, 2n$) α

77-Ir-174



14

Incident Energy (MeV)

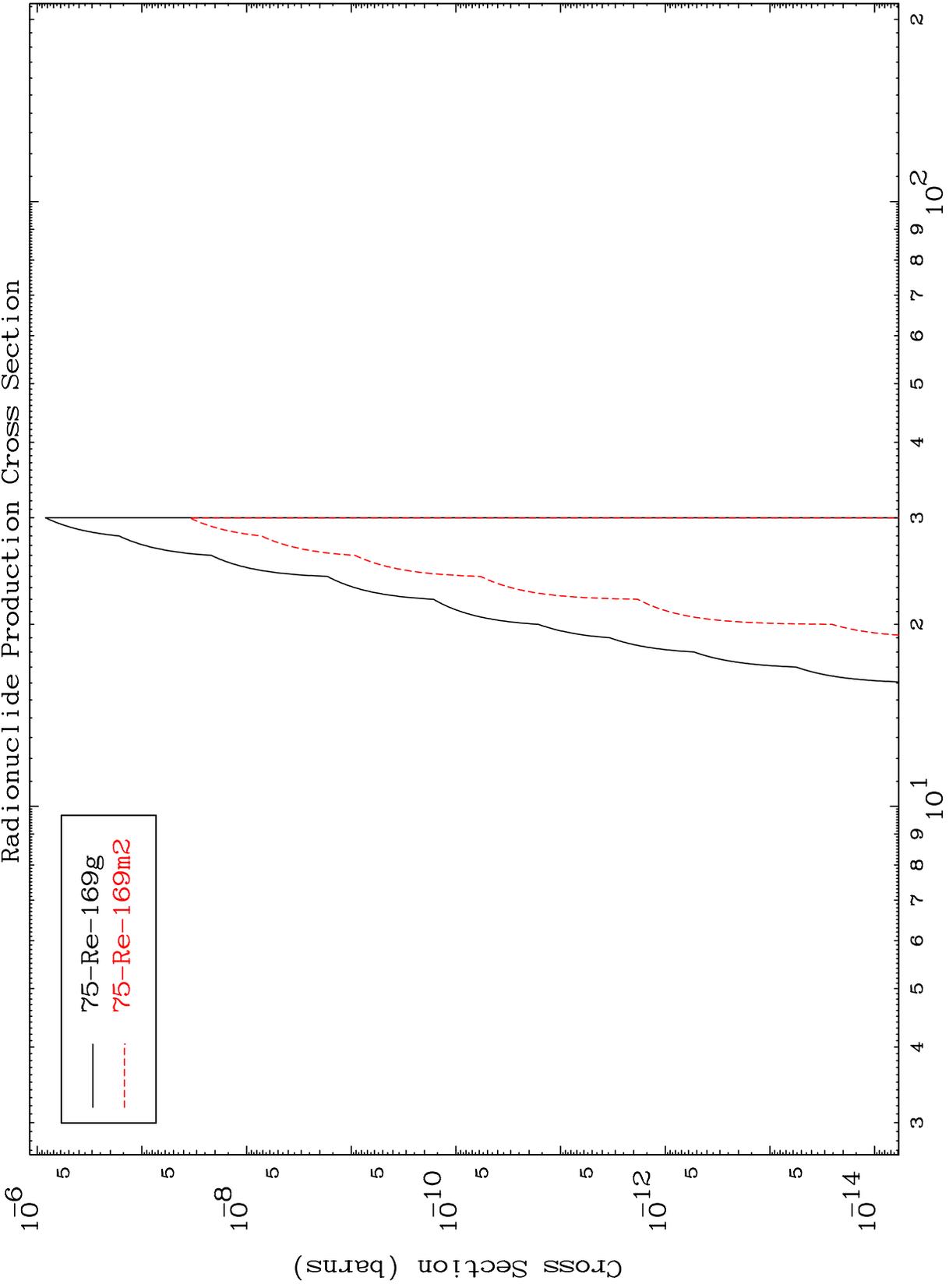
77-Ir-174

MAT 7675

(α, n') 2α

77-Ir-174

Radionuclide Production Cross Section



75-Re-169g
75-Re-169m2

15

Incident Energy (MeV)

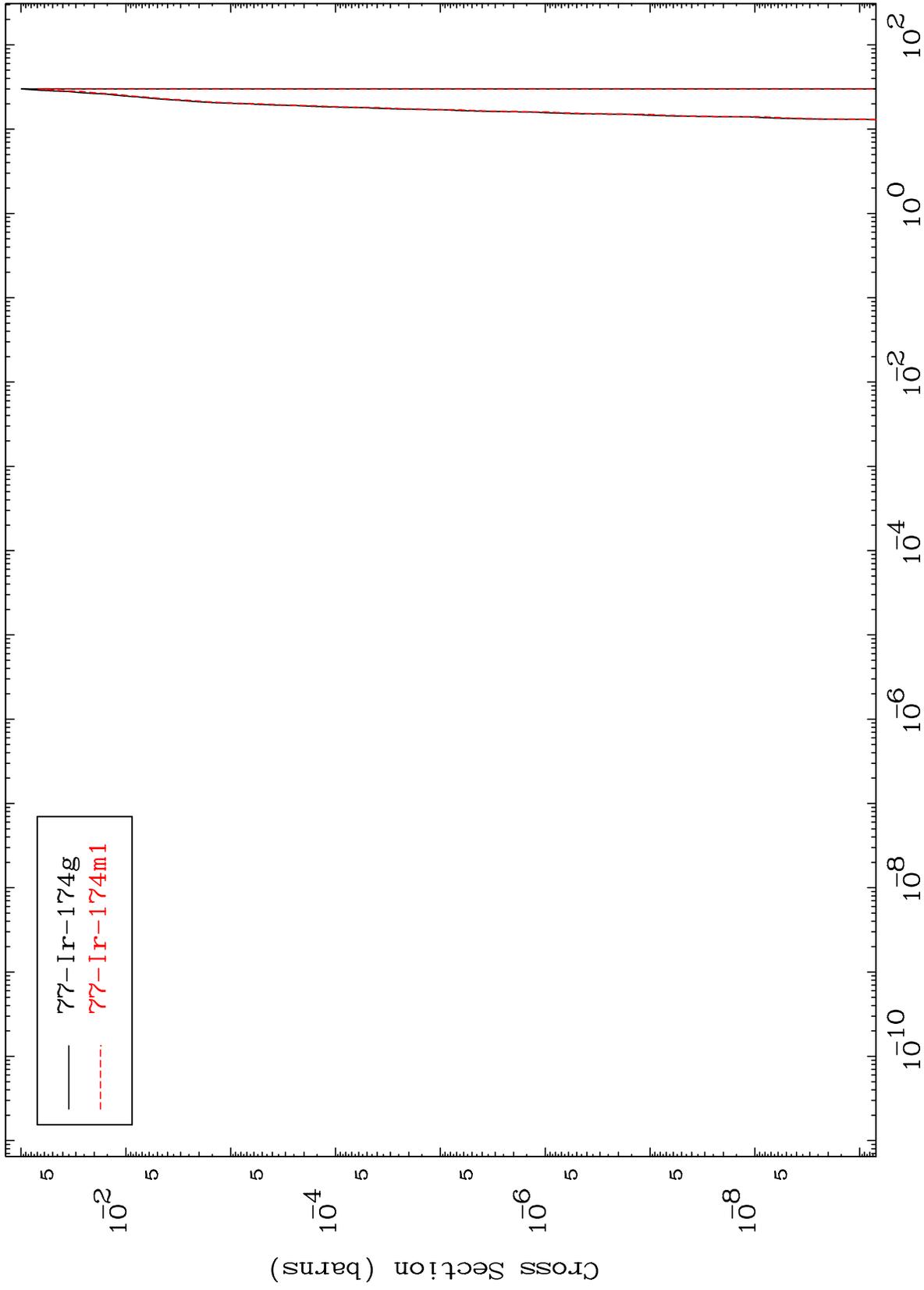
77-Ir-174

MAT 7675

(α, α)

⁷⁷Ir-174

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷⁷Ir-174