

Program EVALPLOT
(Version 2018-1)

by

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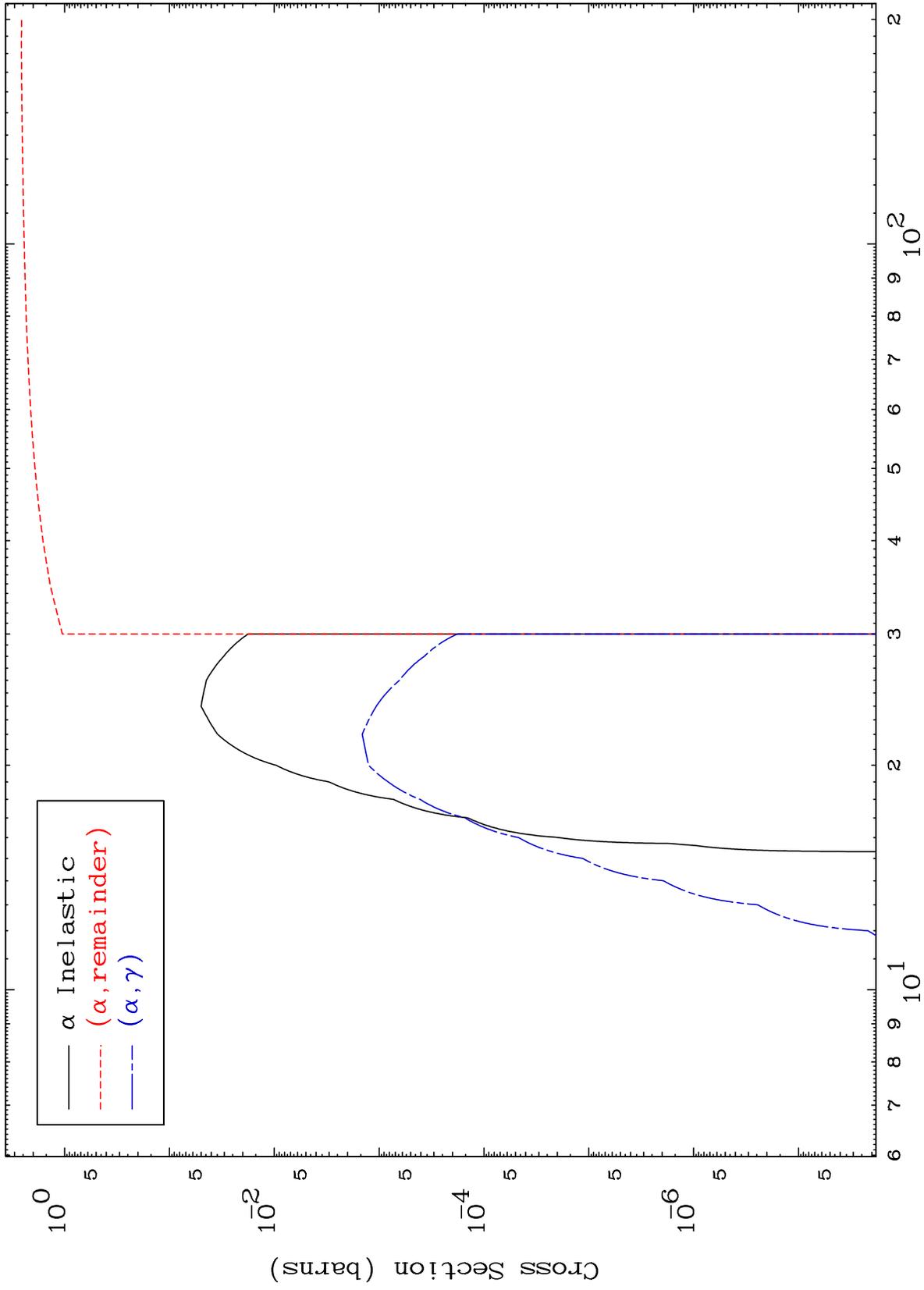
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7674

0 Kelvin α Major
Cross Sections

77-Ir-174



1

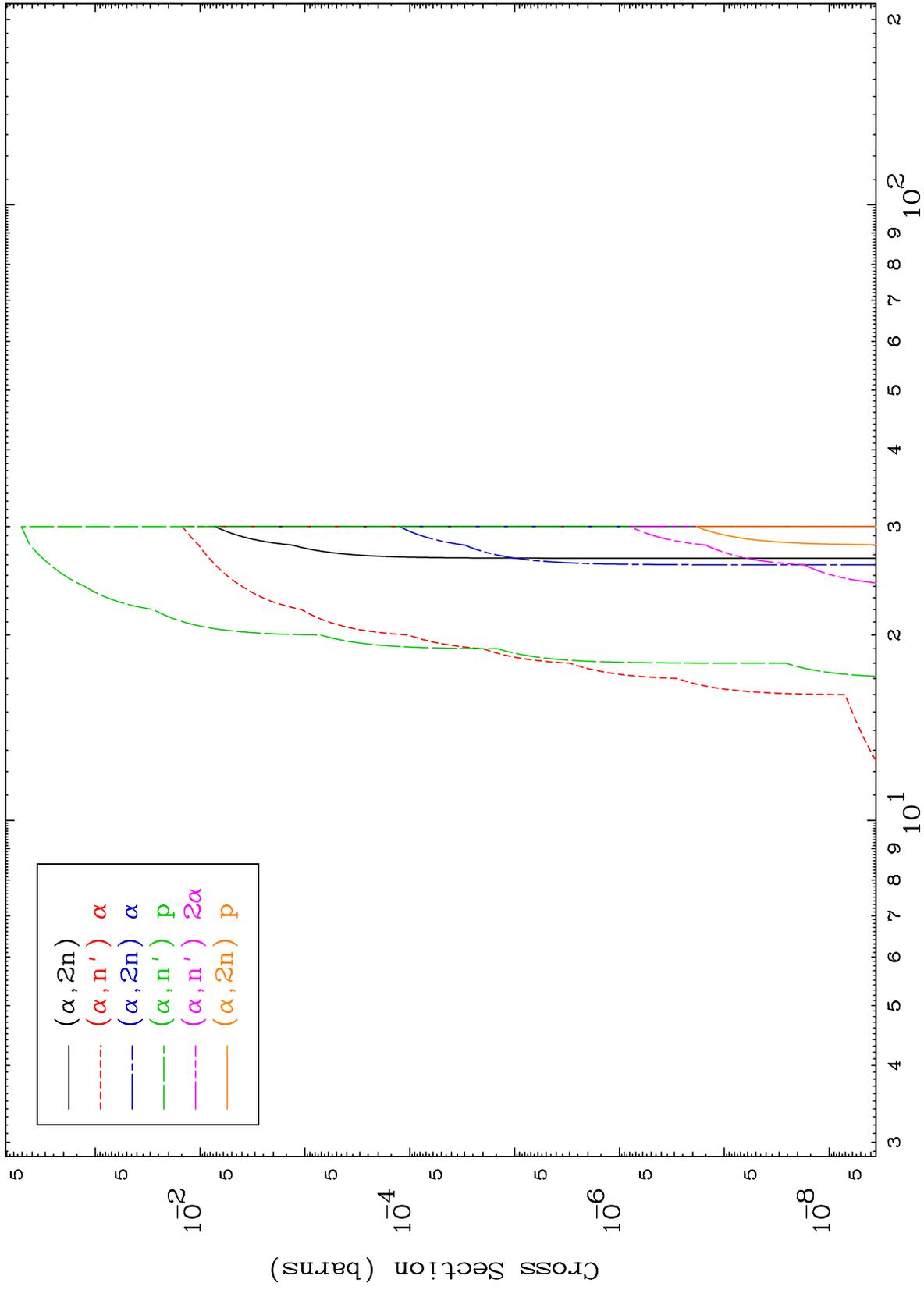
Incident Energy (MeV)

77-Ir-174

MAT 7674

α Neutron Production
0 Kelvin Cross Sections

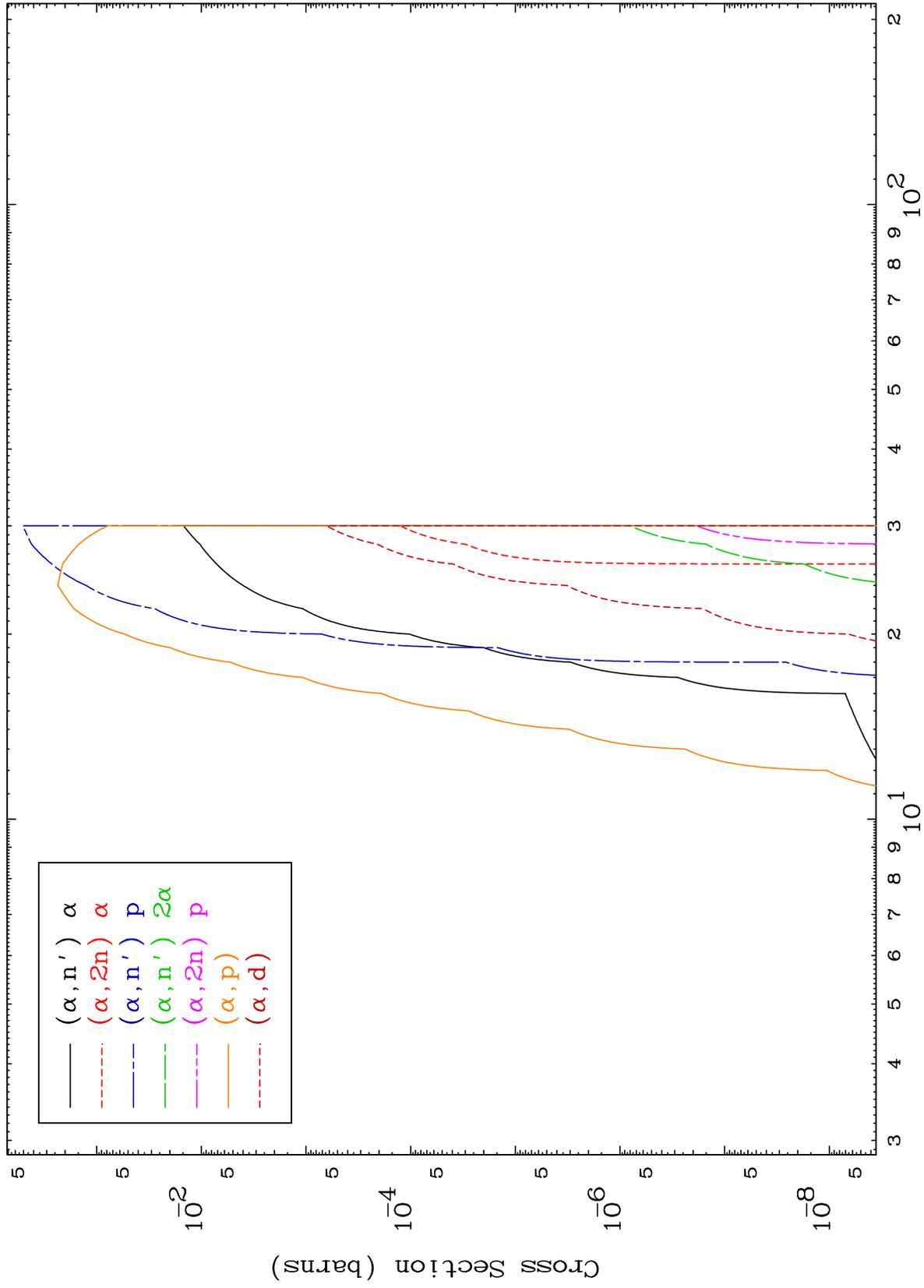
77-Ir-174

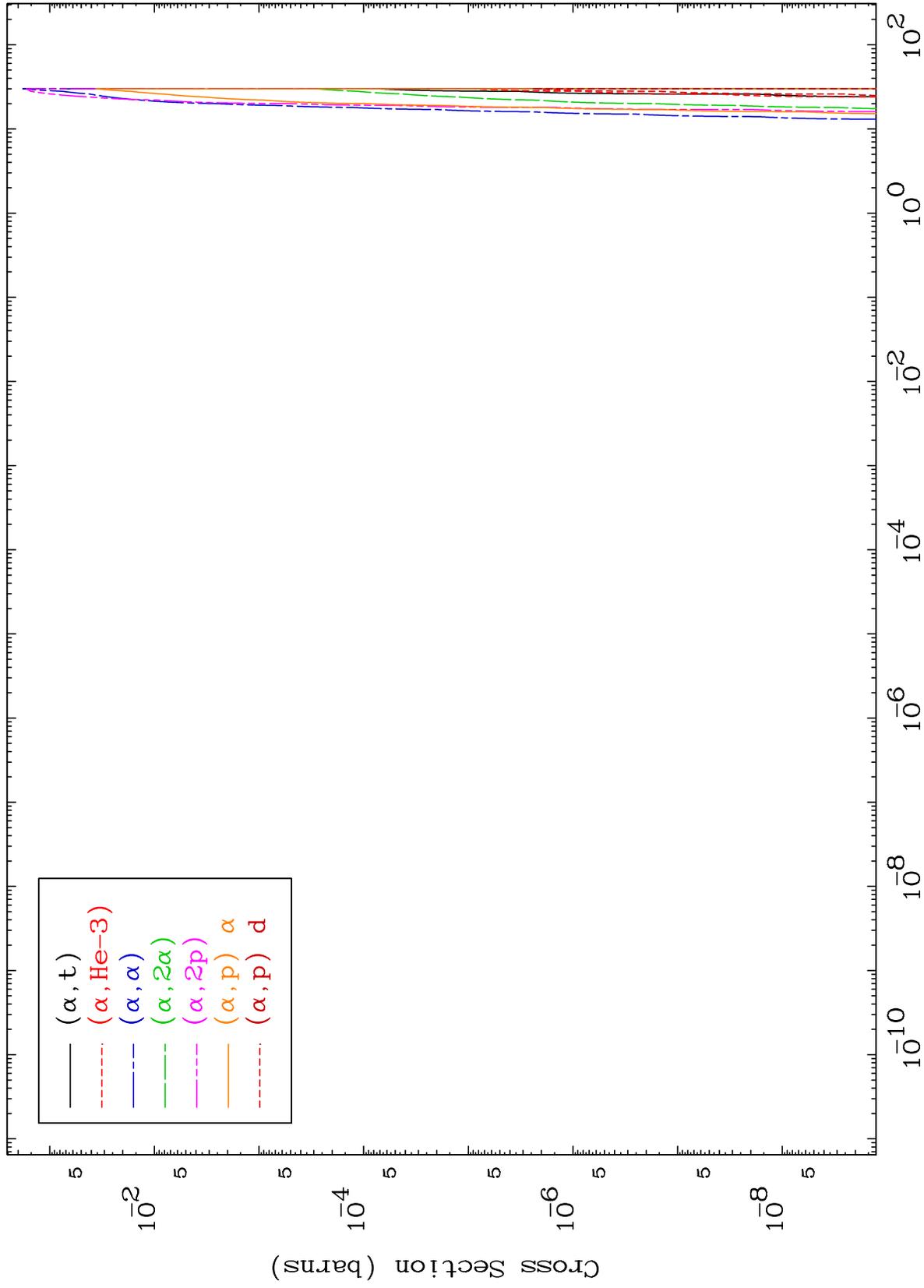


2

Incident Energy (MeV)

77-Ir-174

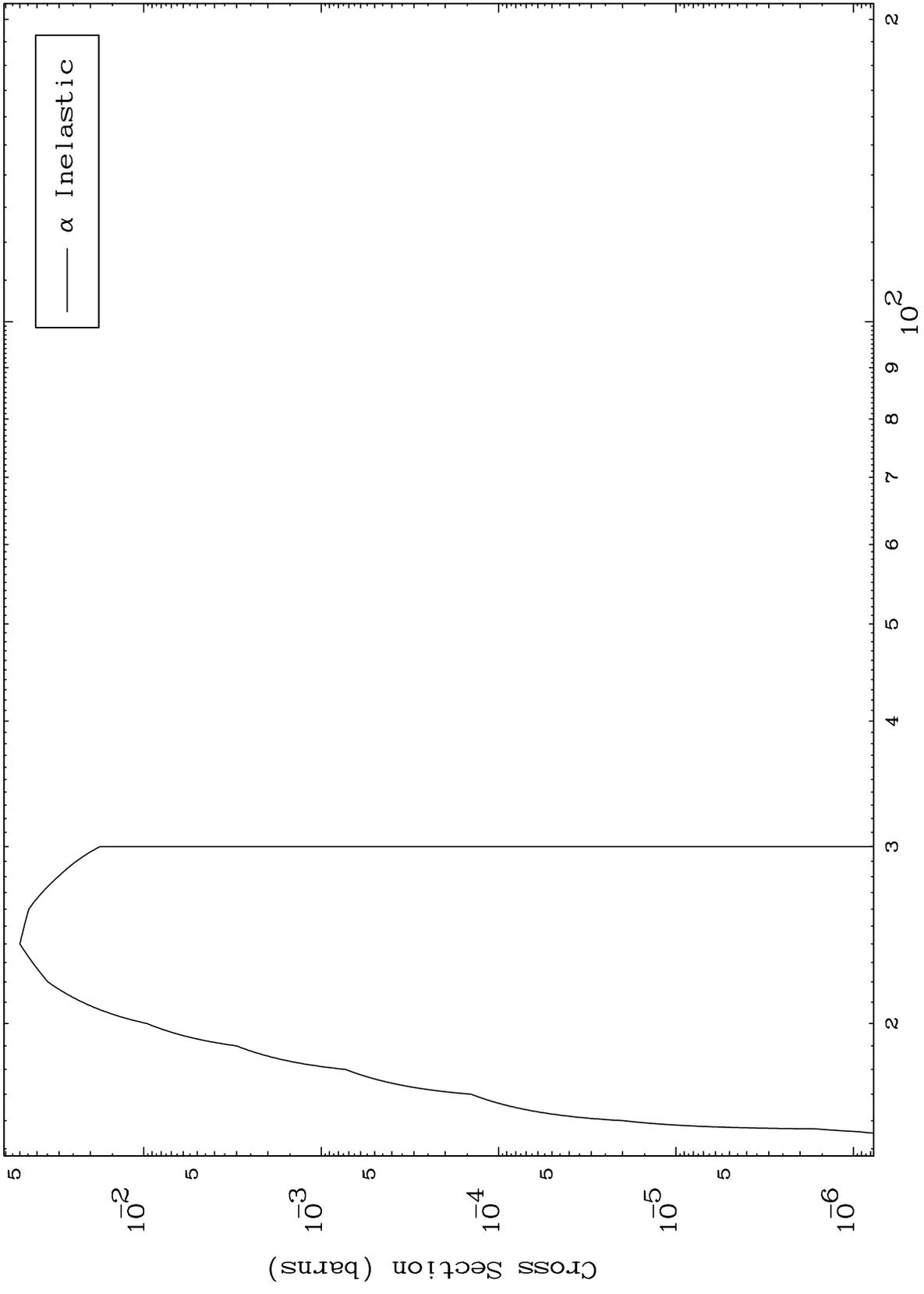




MAT 7674

(α, n') Level
0 Kelvin Cross Sections

77-Ir-174



5

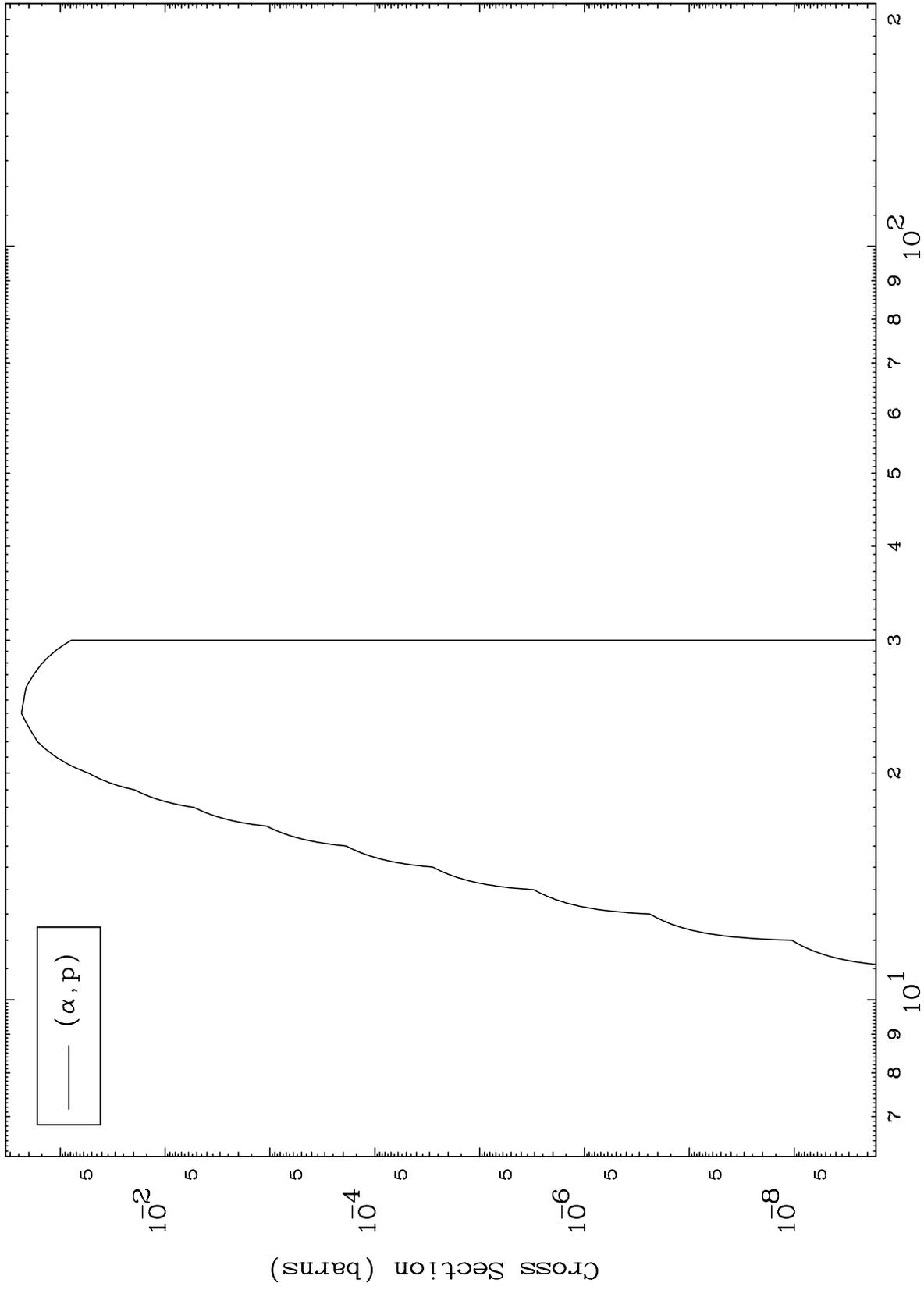
Incident Energy (MeV)

77-Ir-174

MAT 7674

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-174



6

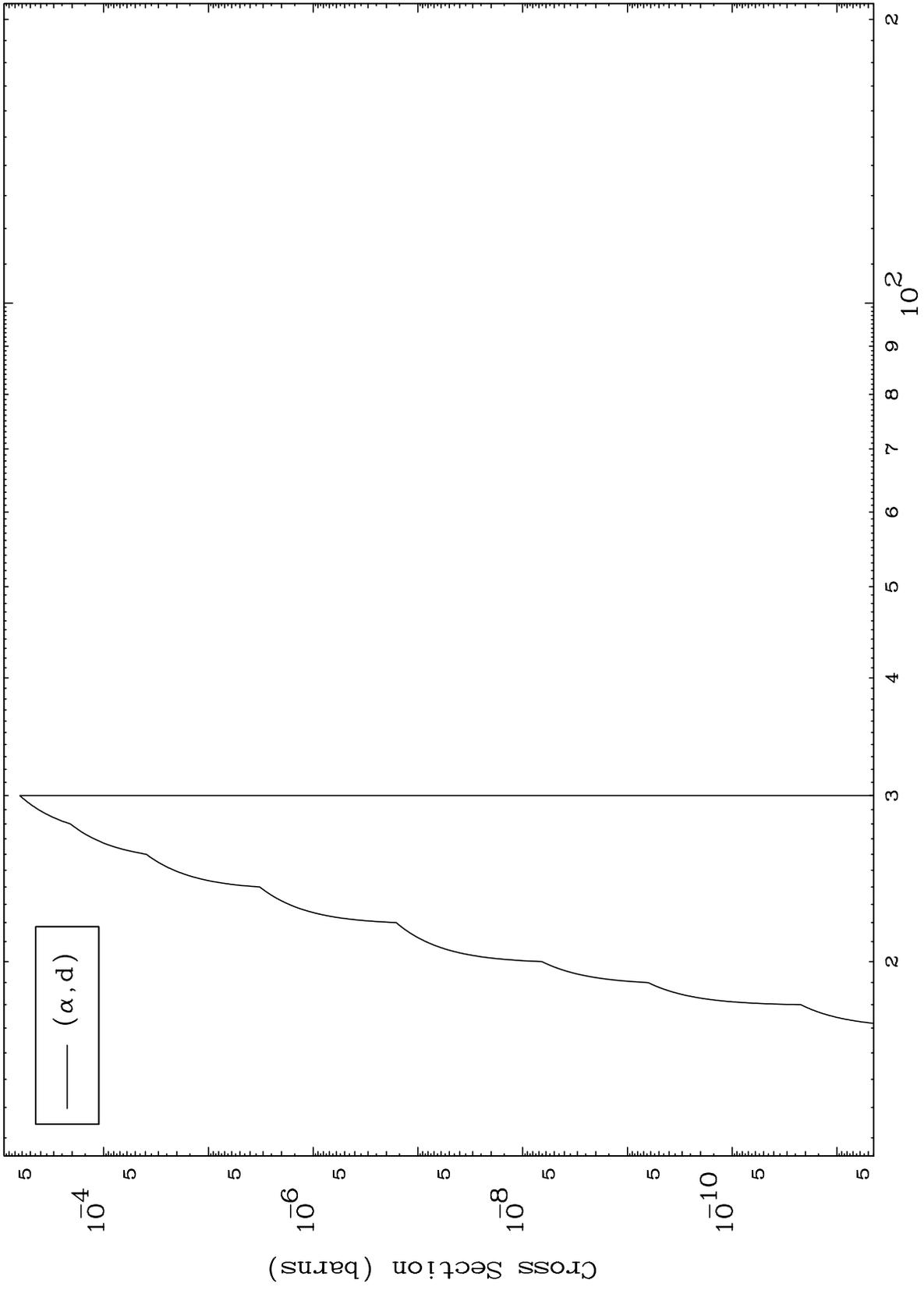
Incident Energy (MeV)

77-Ir-174

MAT 7674

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-174



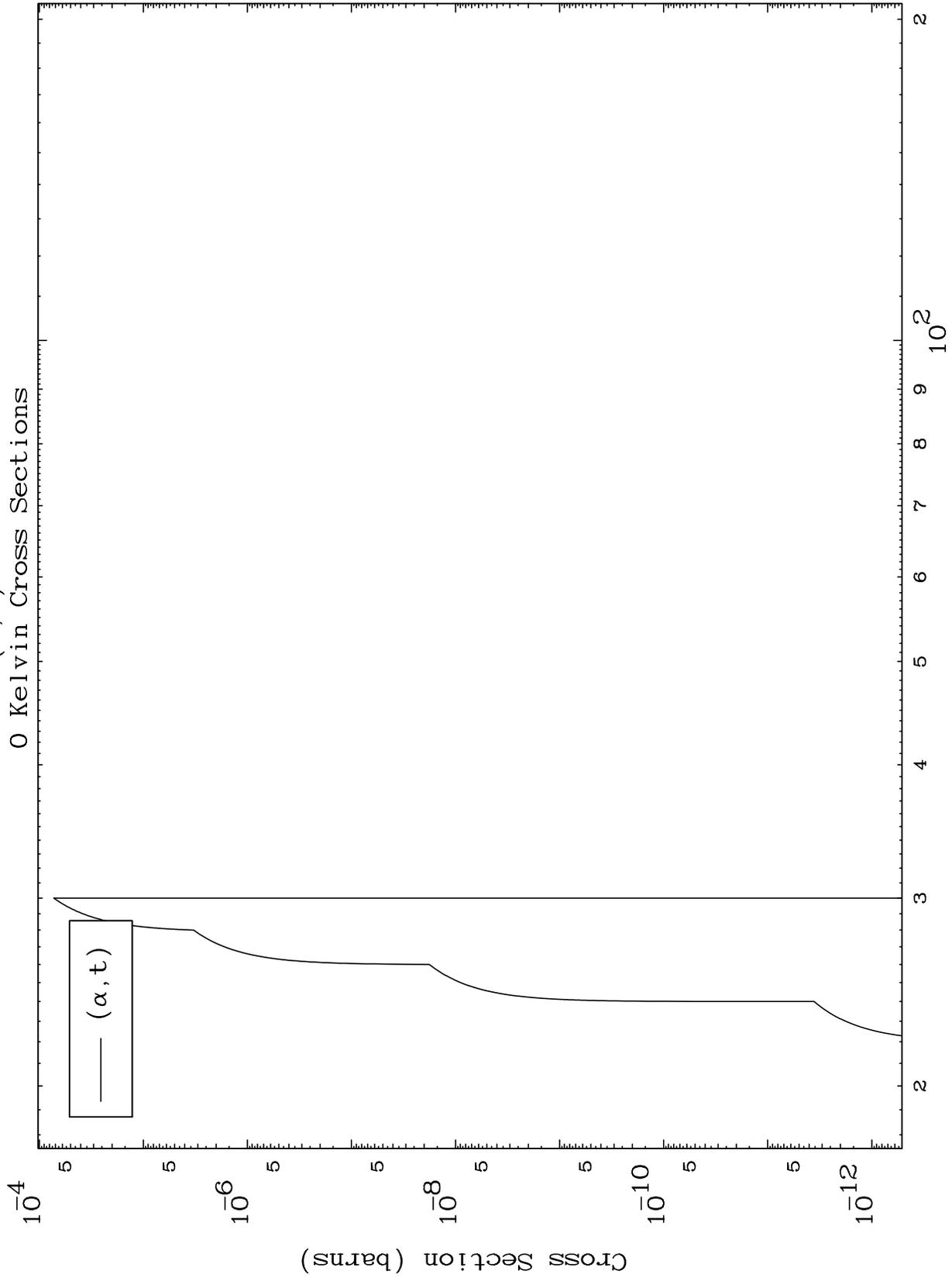
7

77-Ir-174

MAT 7674

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-174



8

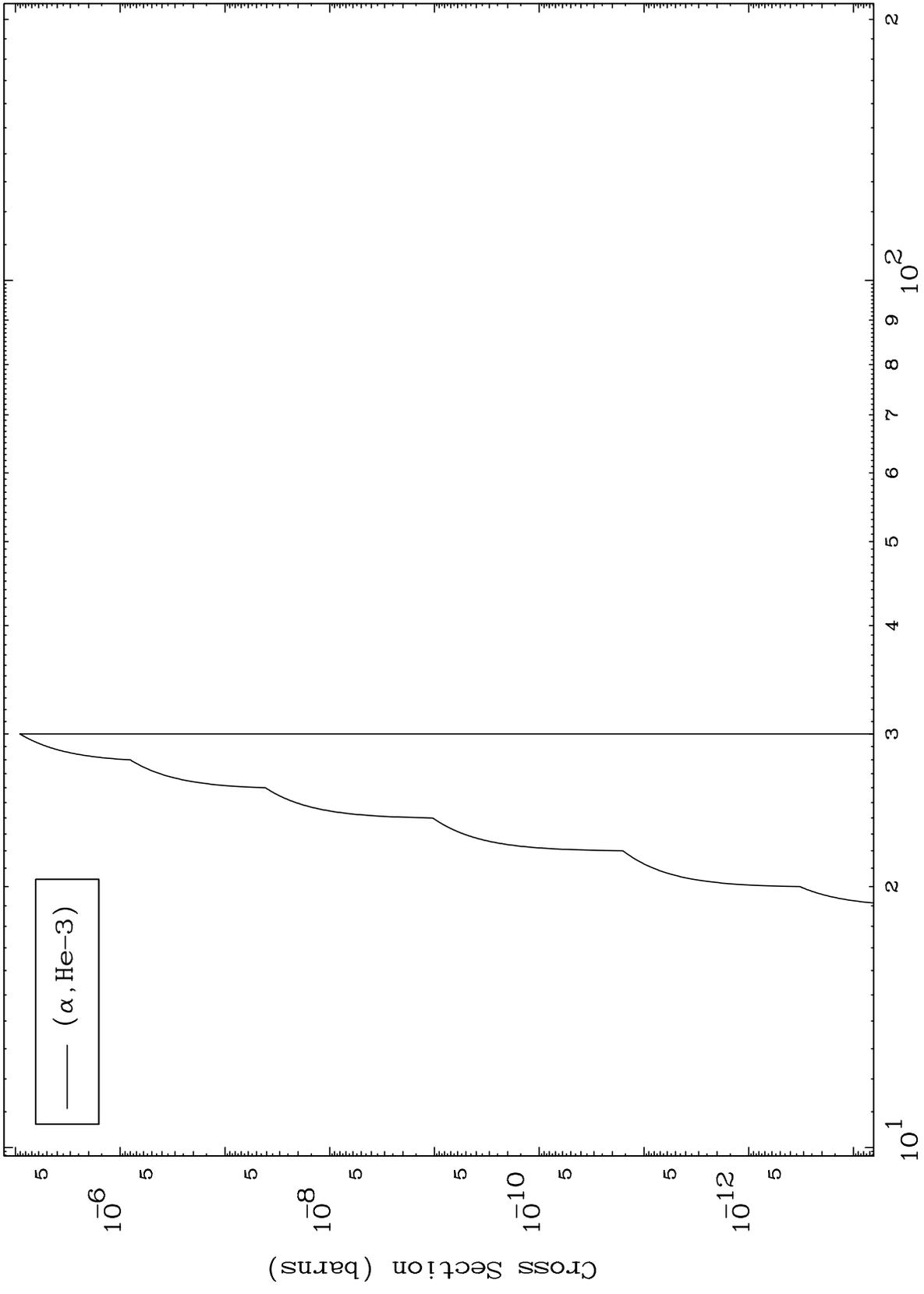
Incident Energy (MeV)

77-Ir-174

MAT 7674

(α ,He3) Levels
0 Kelvin Cross Sections

77-Ir-174



9

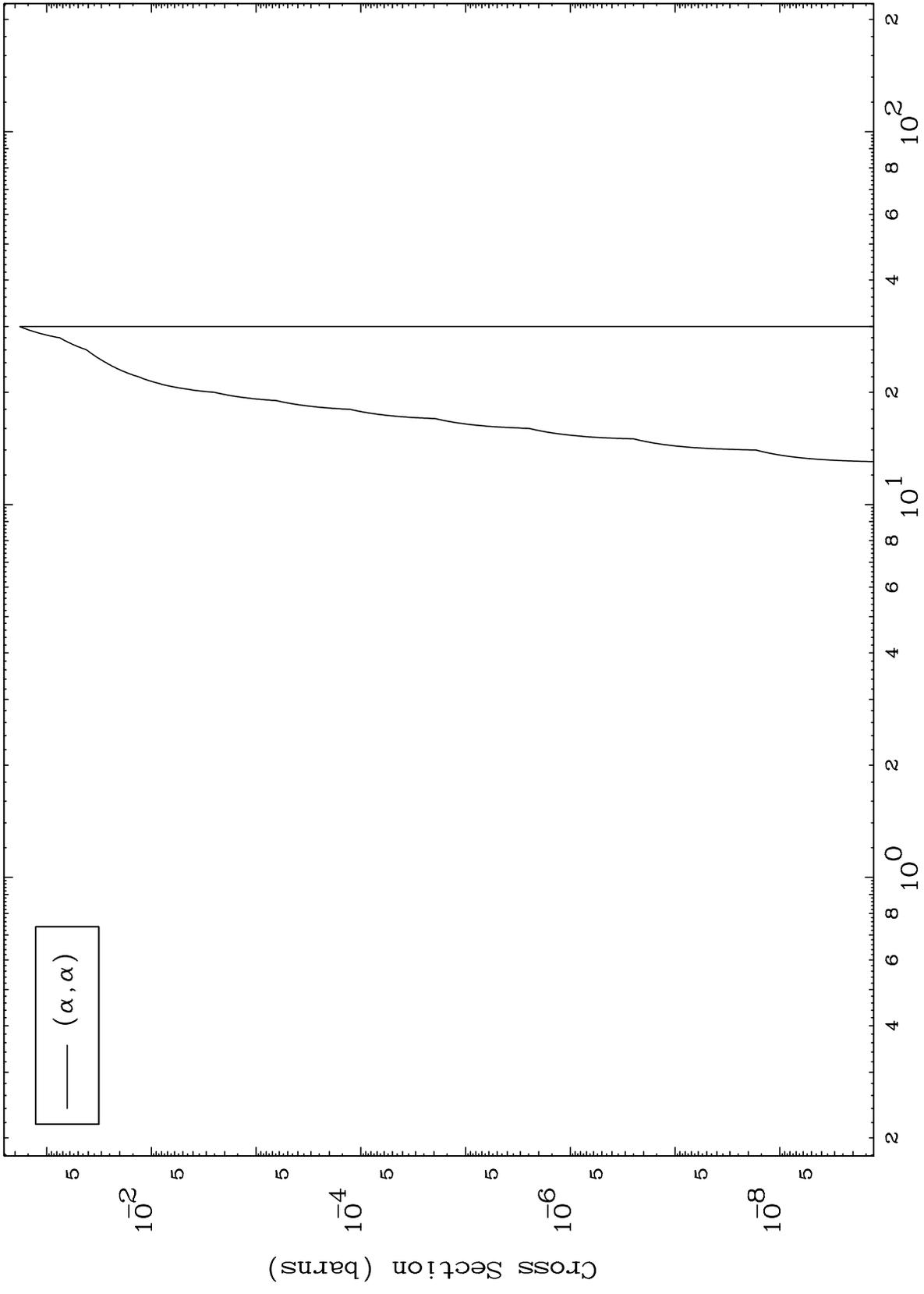
Incident Energy (MeV)

77-Ir-174

MAT 7674

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-174

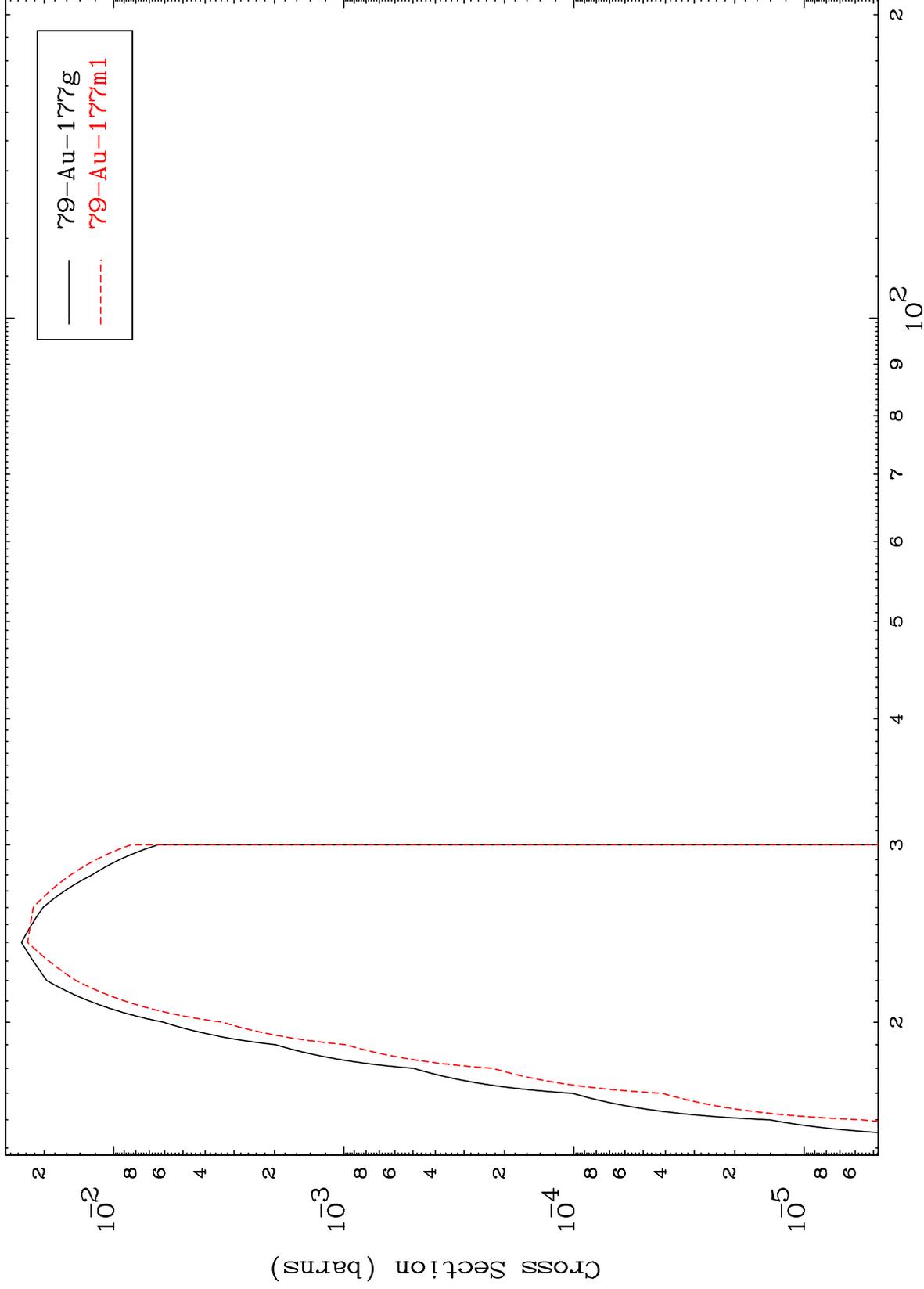


10

Incident Energy (MeV)

77-Ir-174

α Inelastic
Radionuclide Production Cross Section

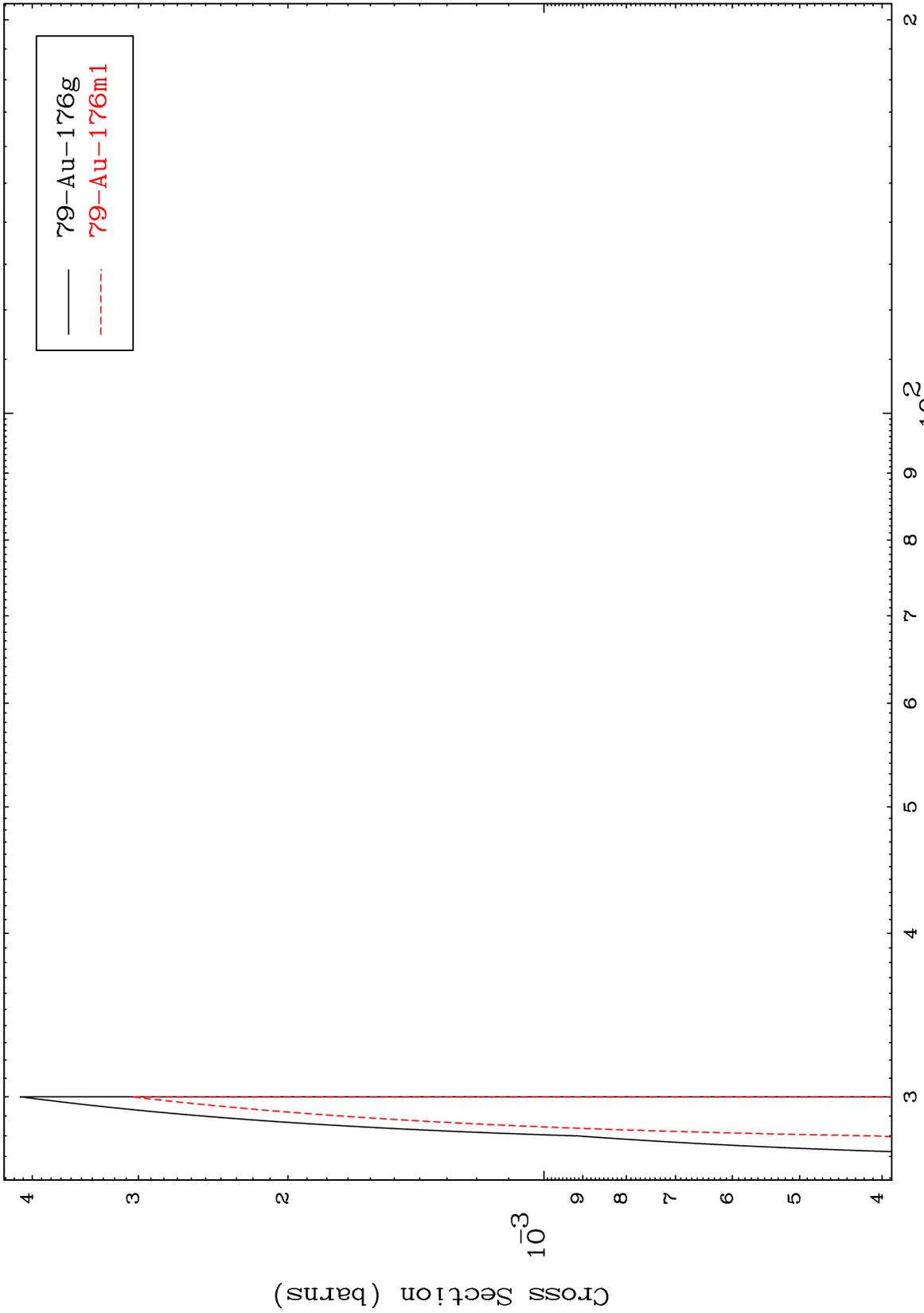


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($\alpha, 2n$)

⁷⁷Ir-174

Radionuclide Production Cross Section



— ⁷⁹Au-176g
- - - ⁷⁹Au-176m1

12

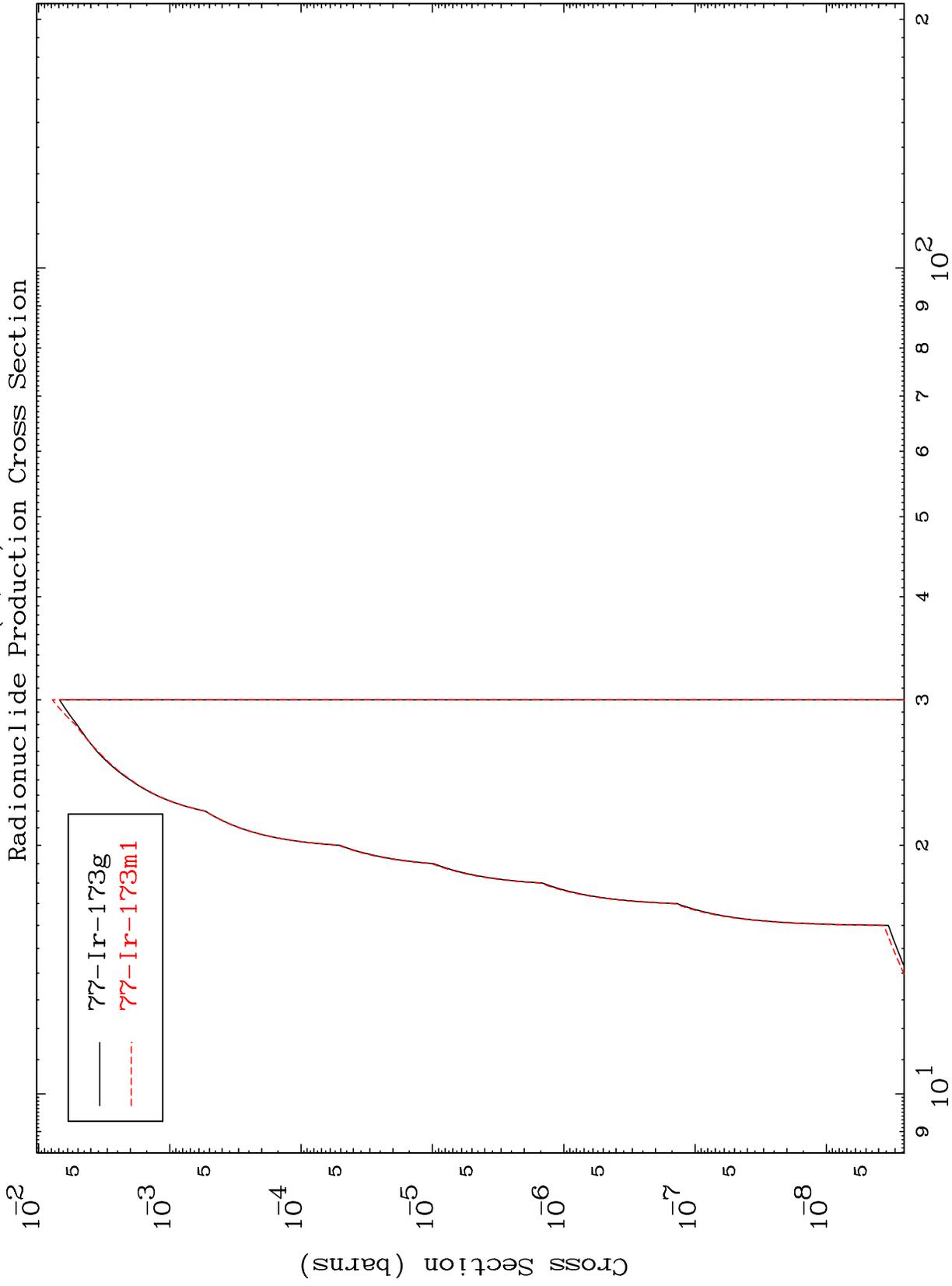
Incident Energy (MeV)

⁷⁷Ir-174

MAT 7674

(α, n') α

⁷⁷Ir-174



13

Incident Energy (MeV)

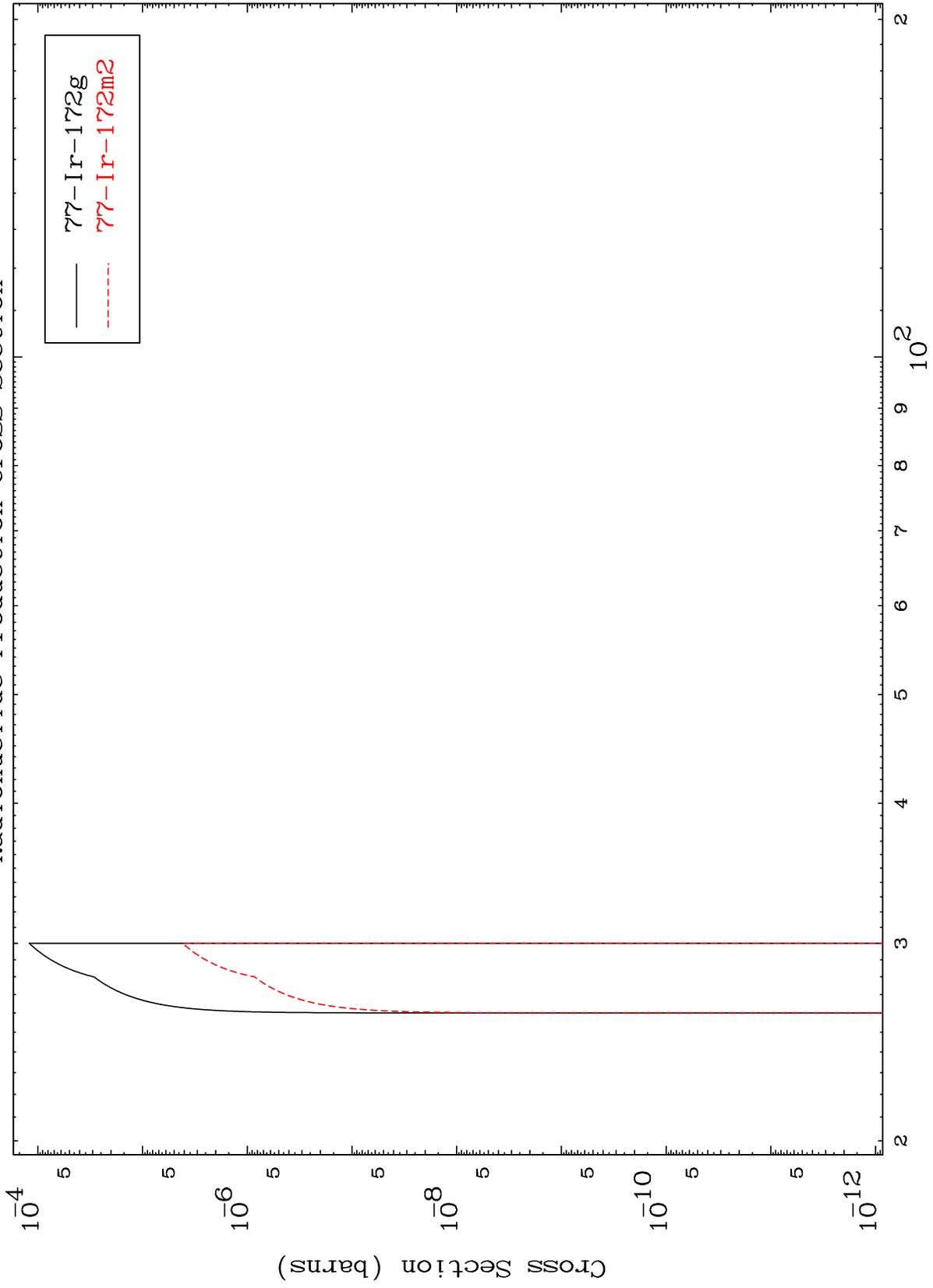
⁷⁷Ir-174

MAT 7674

($\alpha, 2n$) α

77-Ir-174

Radionuclide Production Cross Section



14

Incident Energy (MeV)

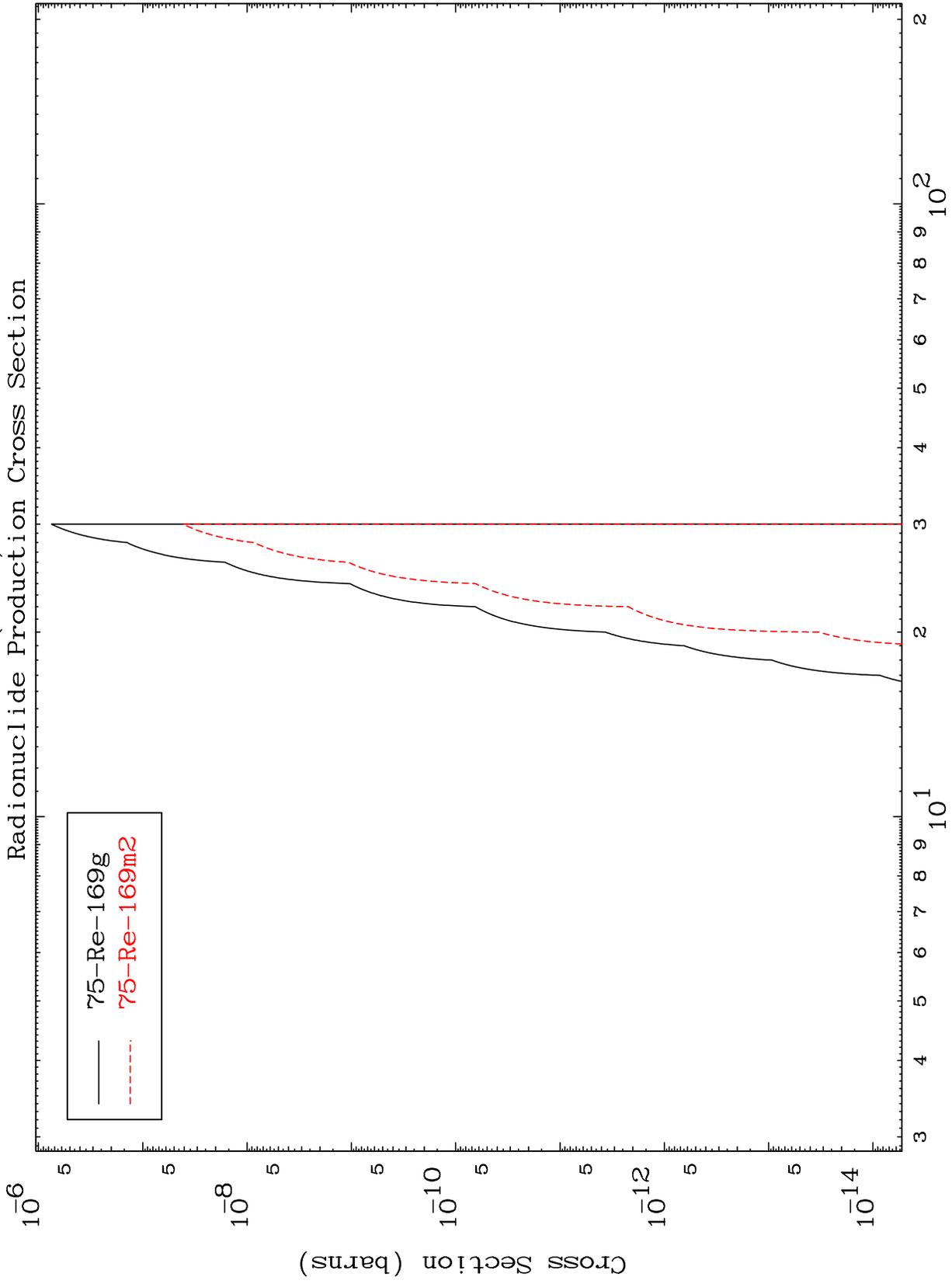
77-Ir-174

MAT 7674

(α, n') 2α

77-Ir-174

Radionuclide Production Cross Section



15

Incident Energy (MeV)

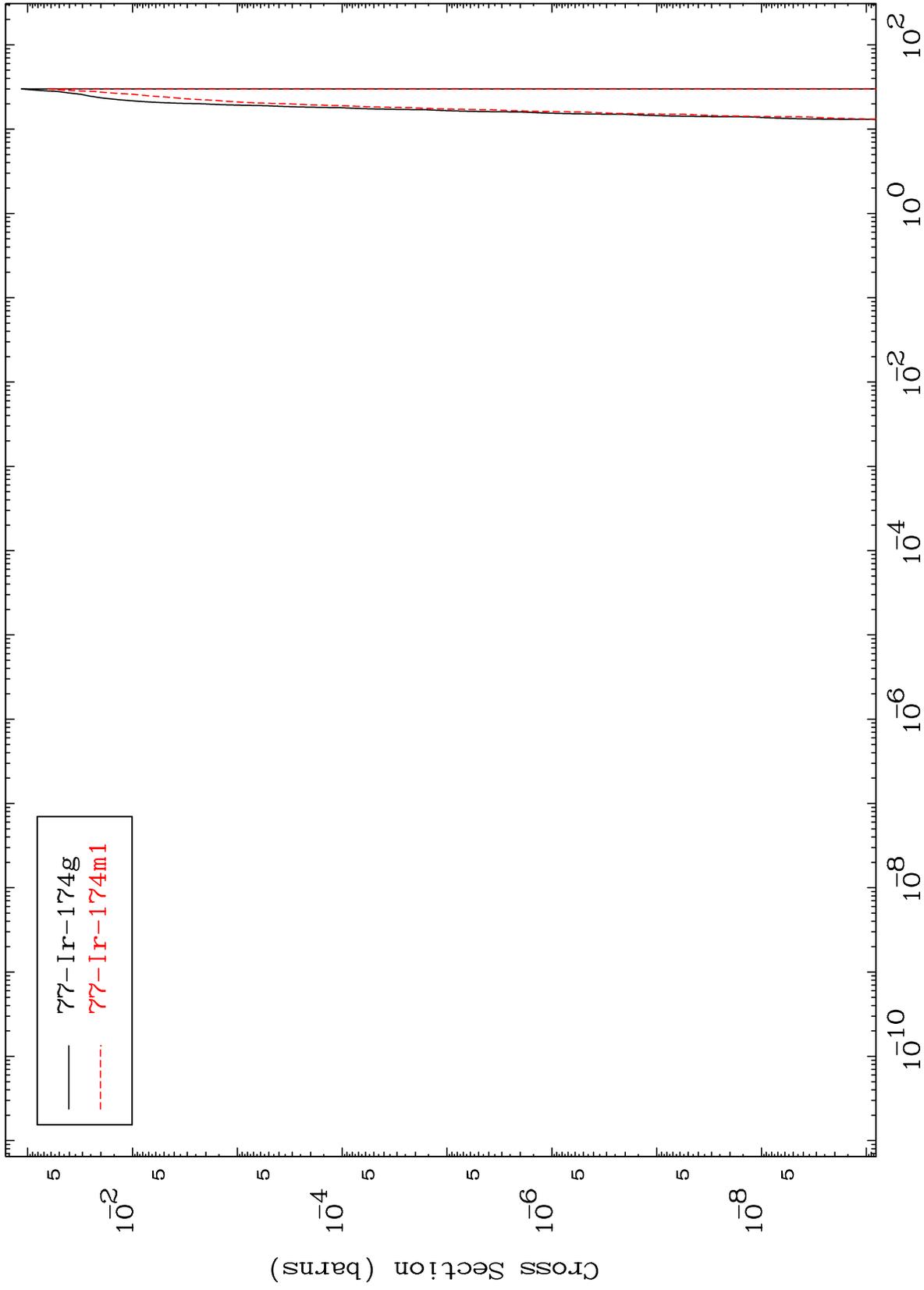
77-Ir-174

MAT 7674

(α, α)

⁷⁷Ir-174

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷⁷Ir-174