

Program EVALPLOT
(Version 2018-1)

by

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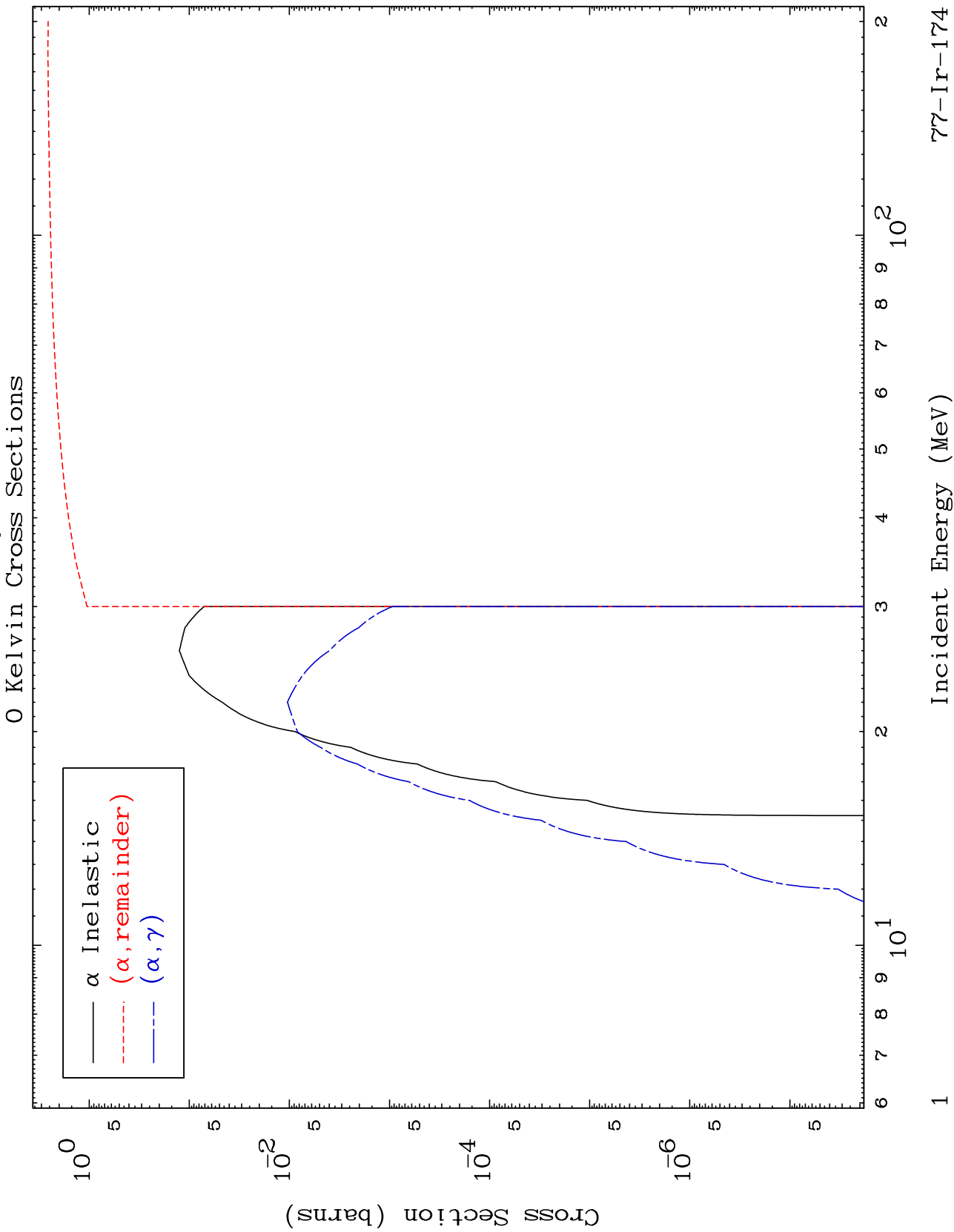
Press Mouse Button to Start

MAT 7674

0 Kelvin

α Major

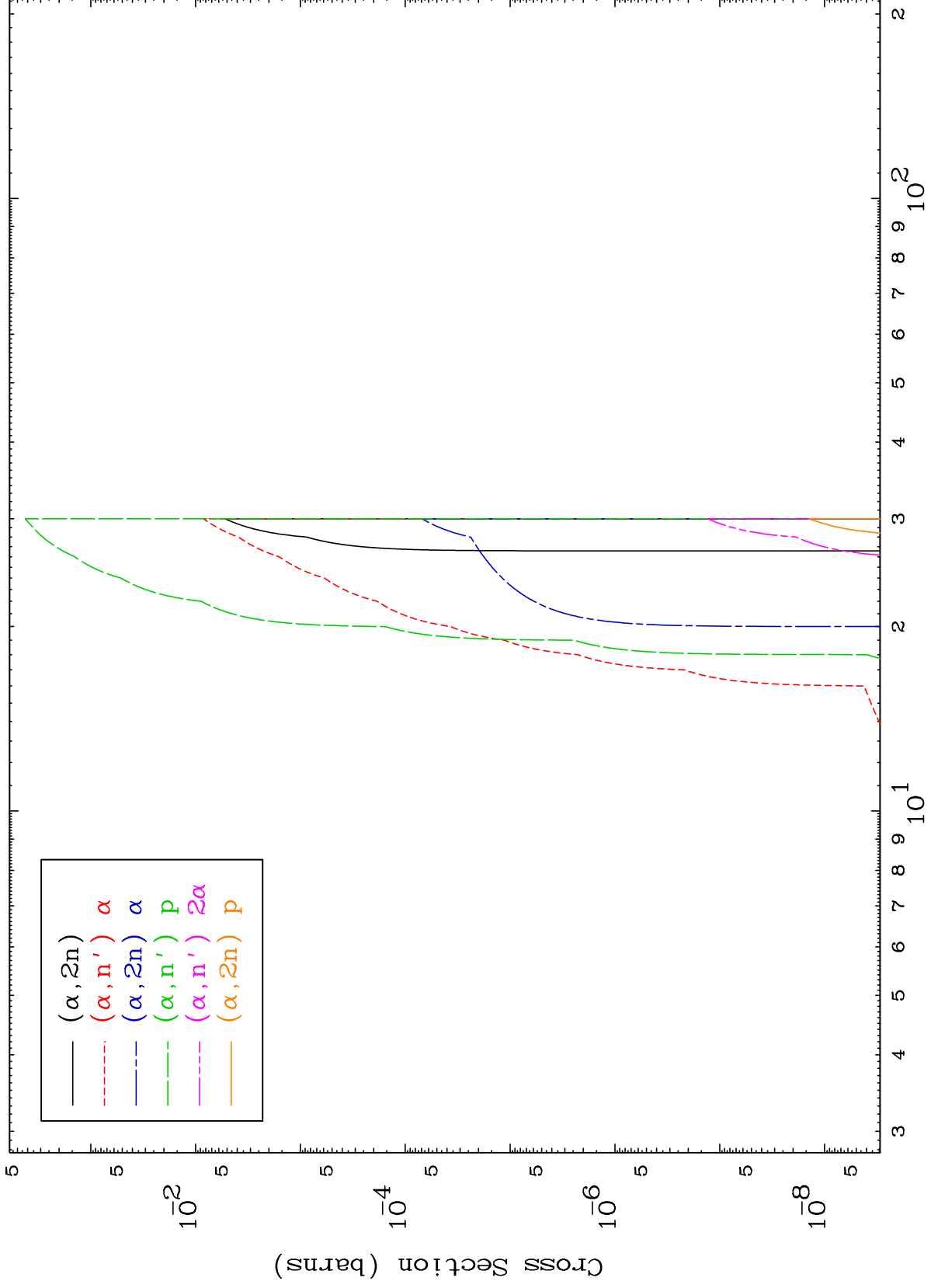
77-Ir-174

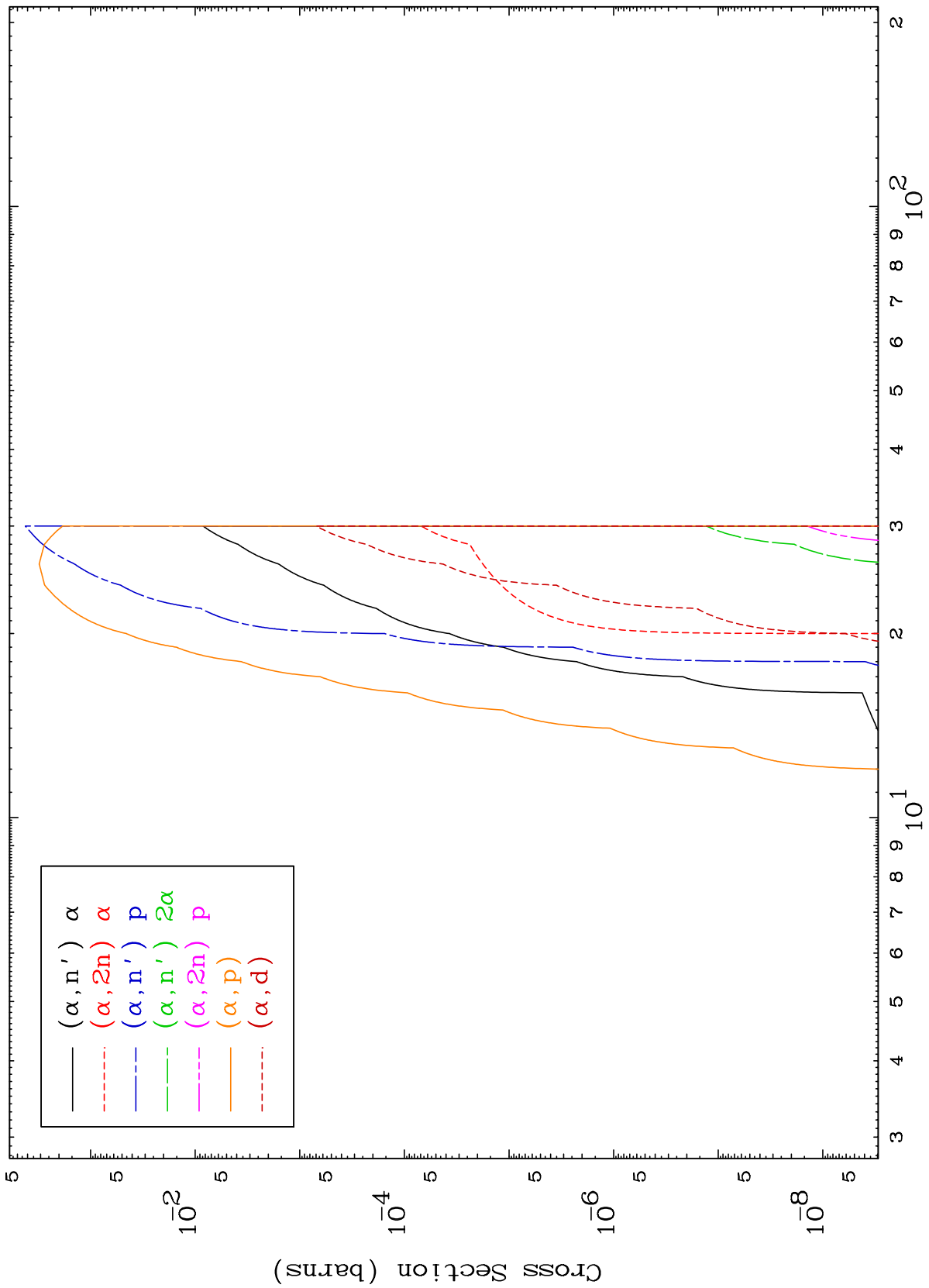


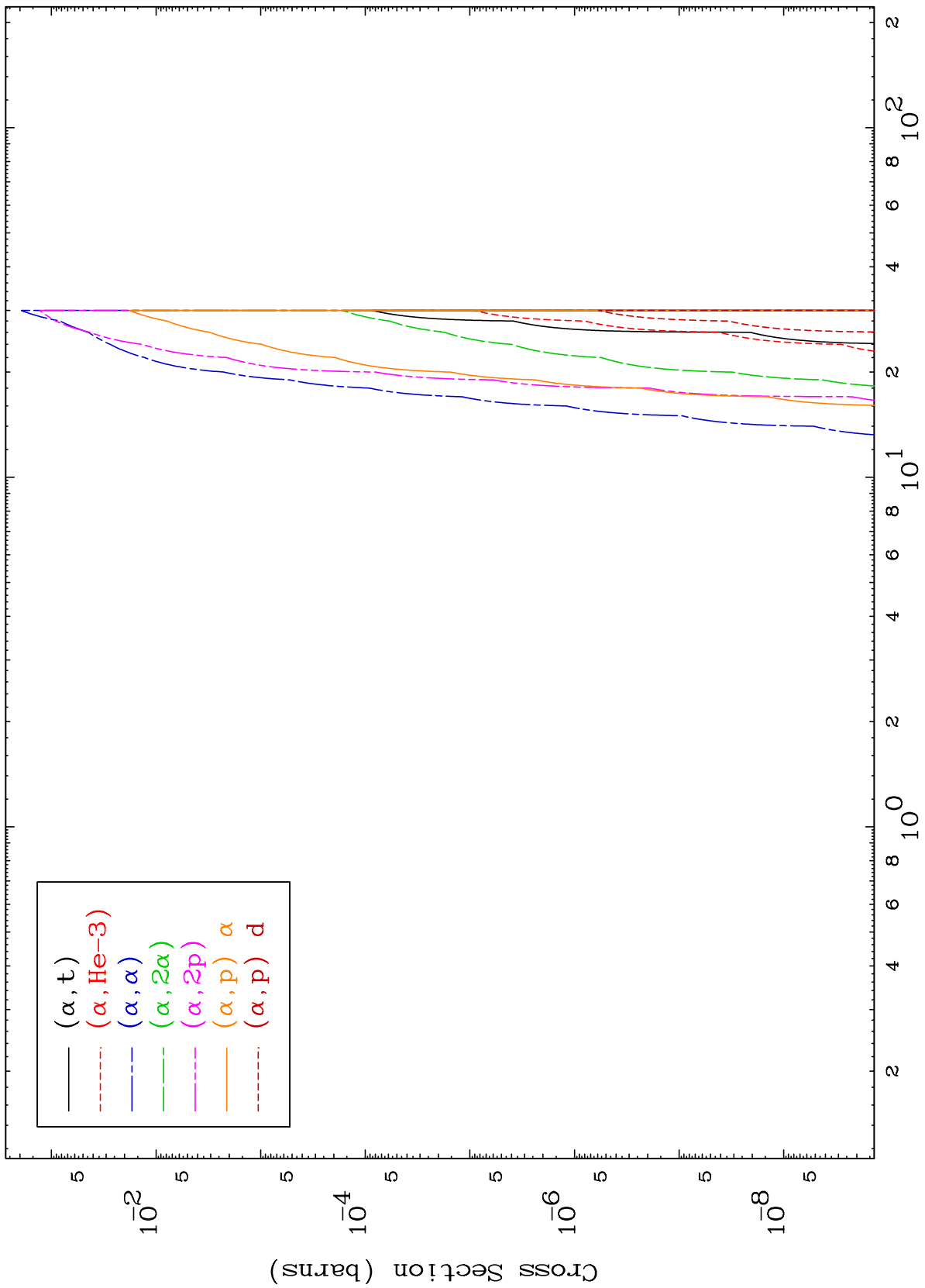
1

Incident Energy (MeV)

77-Ir-174





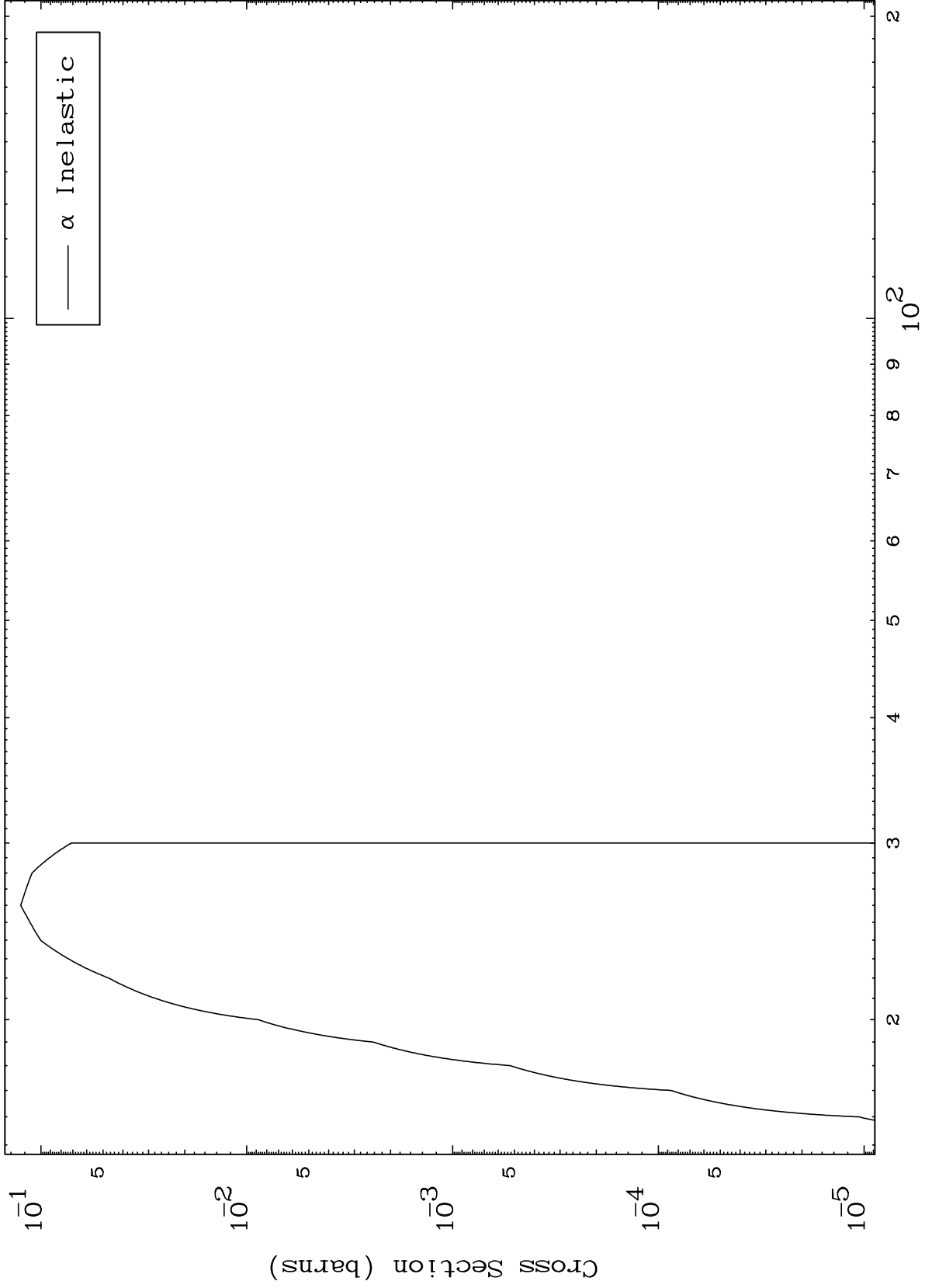


MAT 7674

(α, n') Level

77-Ir-174

0 Kelvin Cross Sections



5

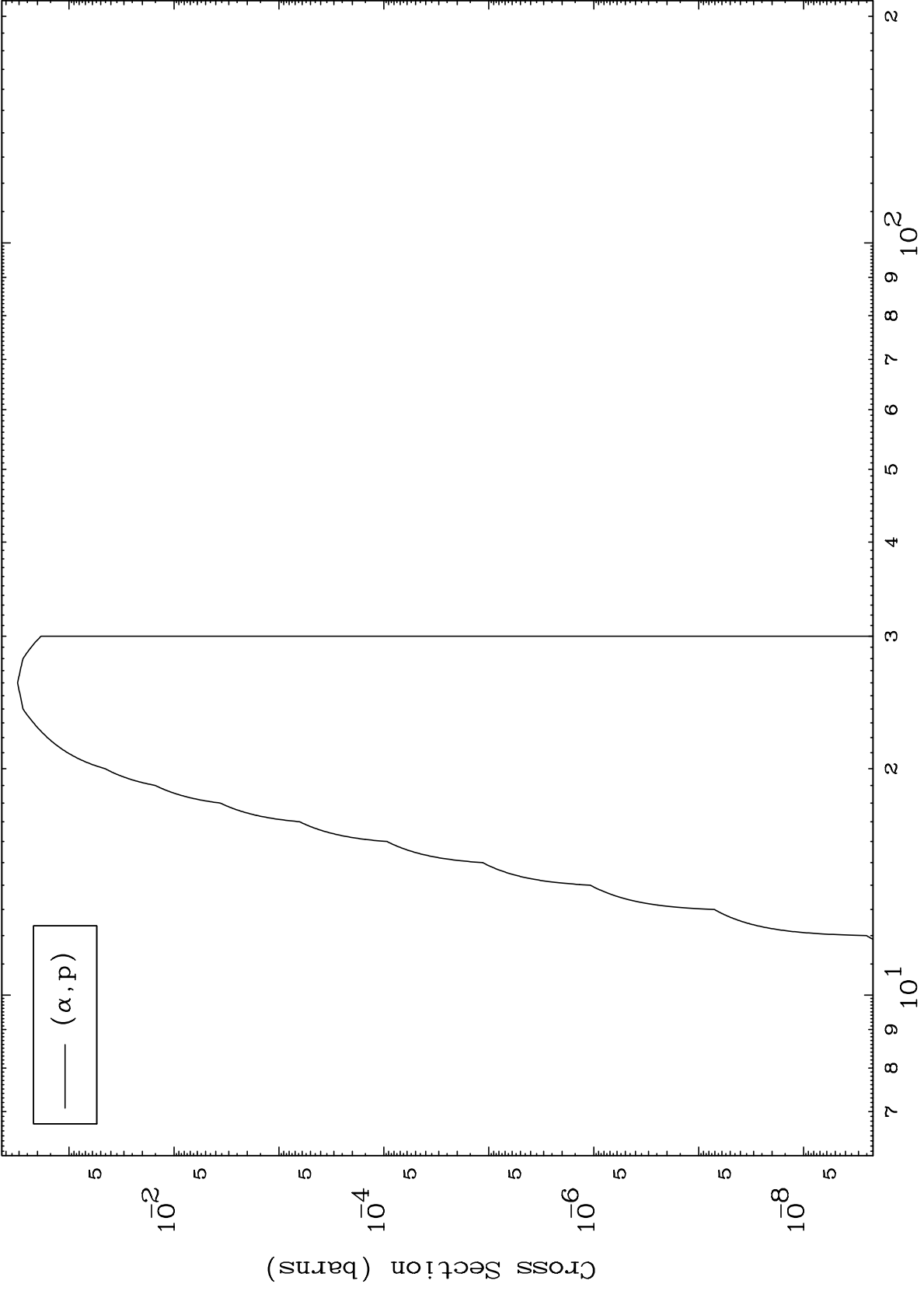
Incident Energy (MeV)

77-Ir-174

MAT 7674

77-Ir-174

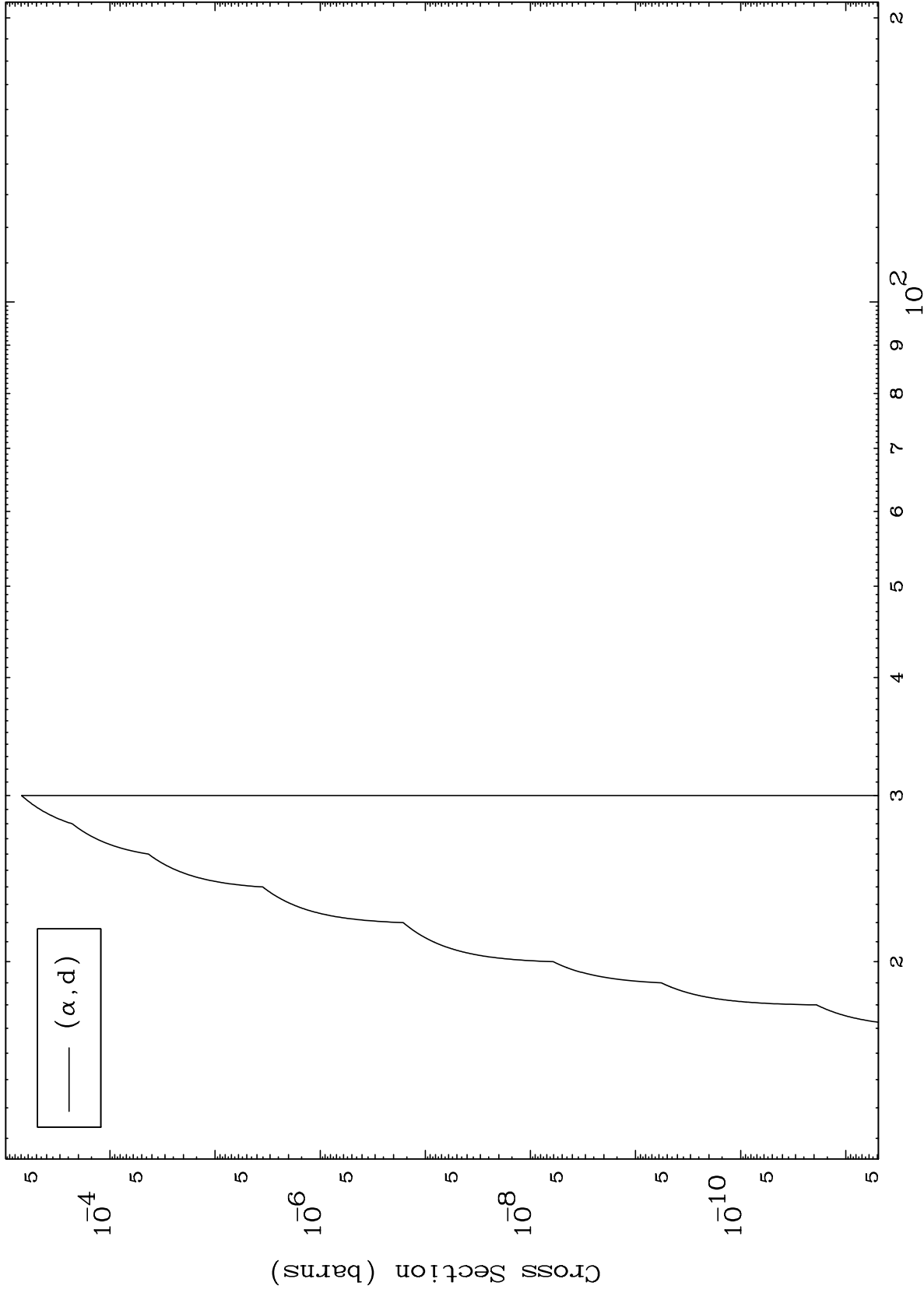
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

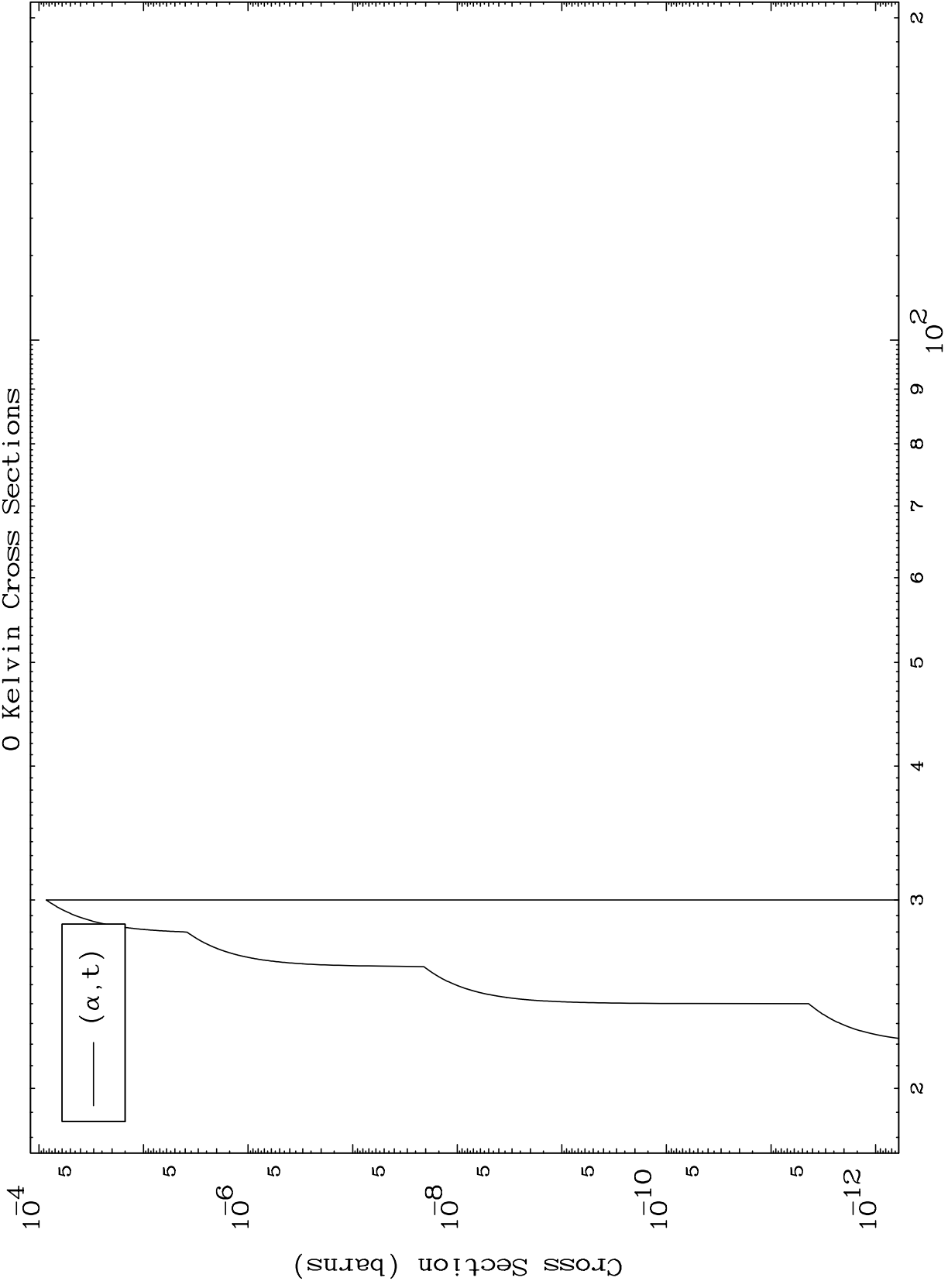
77-Ir-174



MAT 7674

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-174



8

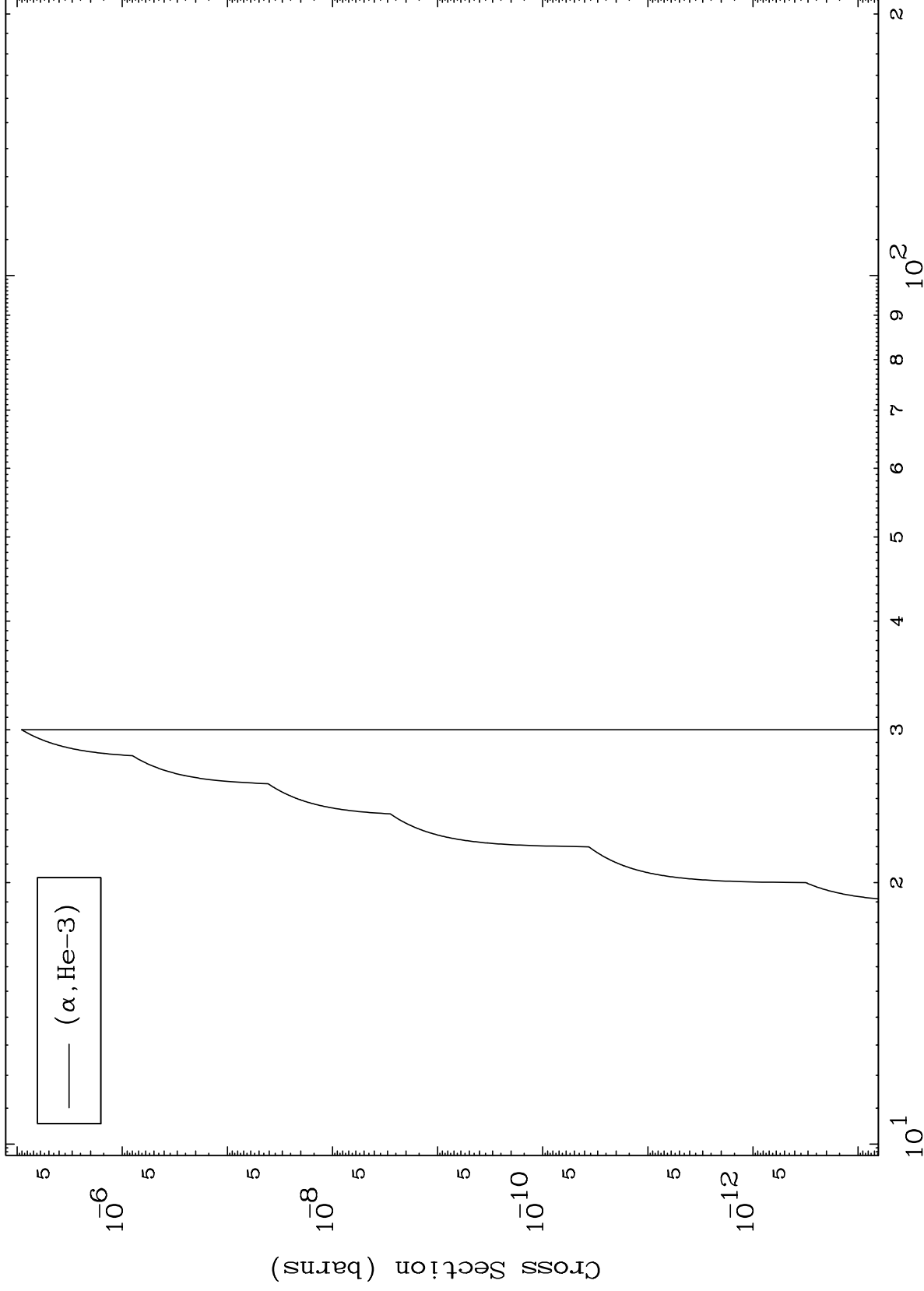
Incident Energy (MeV)

77-Ir-174

MAT 7674

(α , He3) Levels
0 Kelvin Cross Sections

77-Ir-174



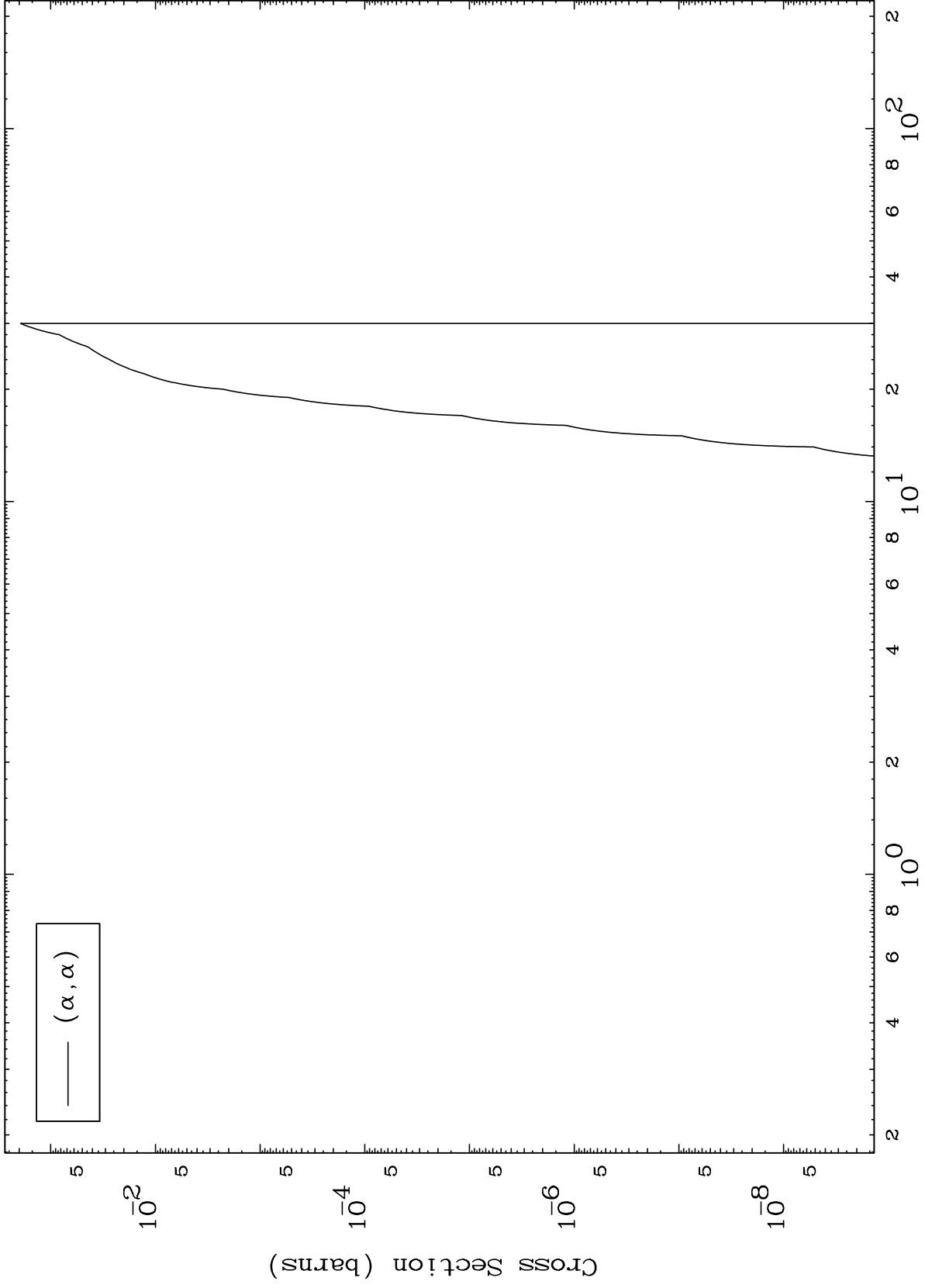
Incident Energy (MeV)

77-Ir-174

MAT 7674

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-174



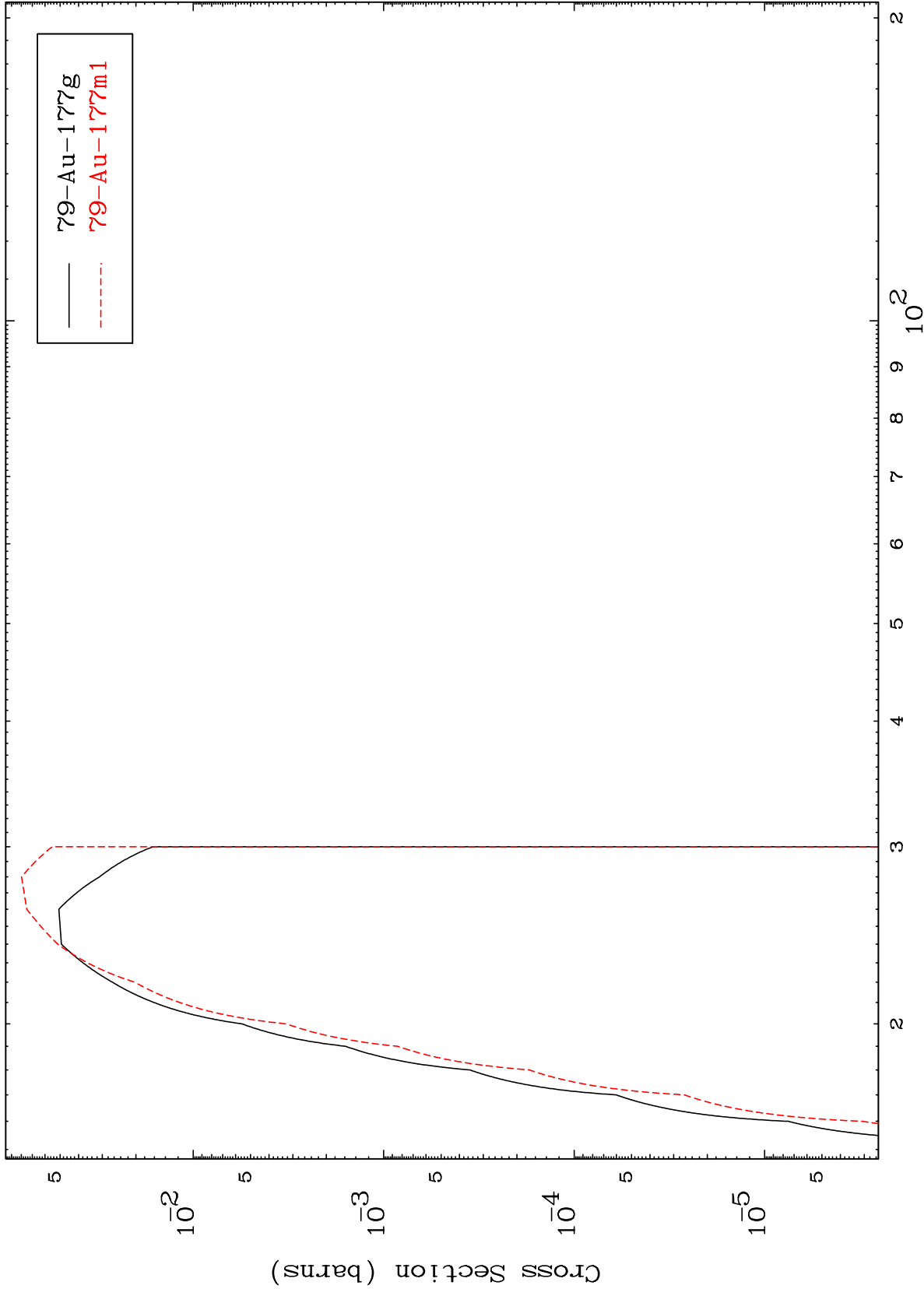
10

Incident Energy (MeV)

77-Ir-174

Radionuclide Production Cross Section

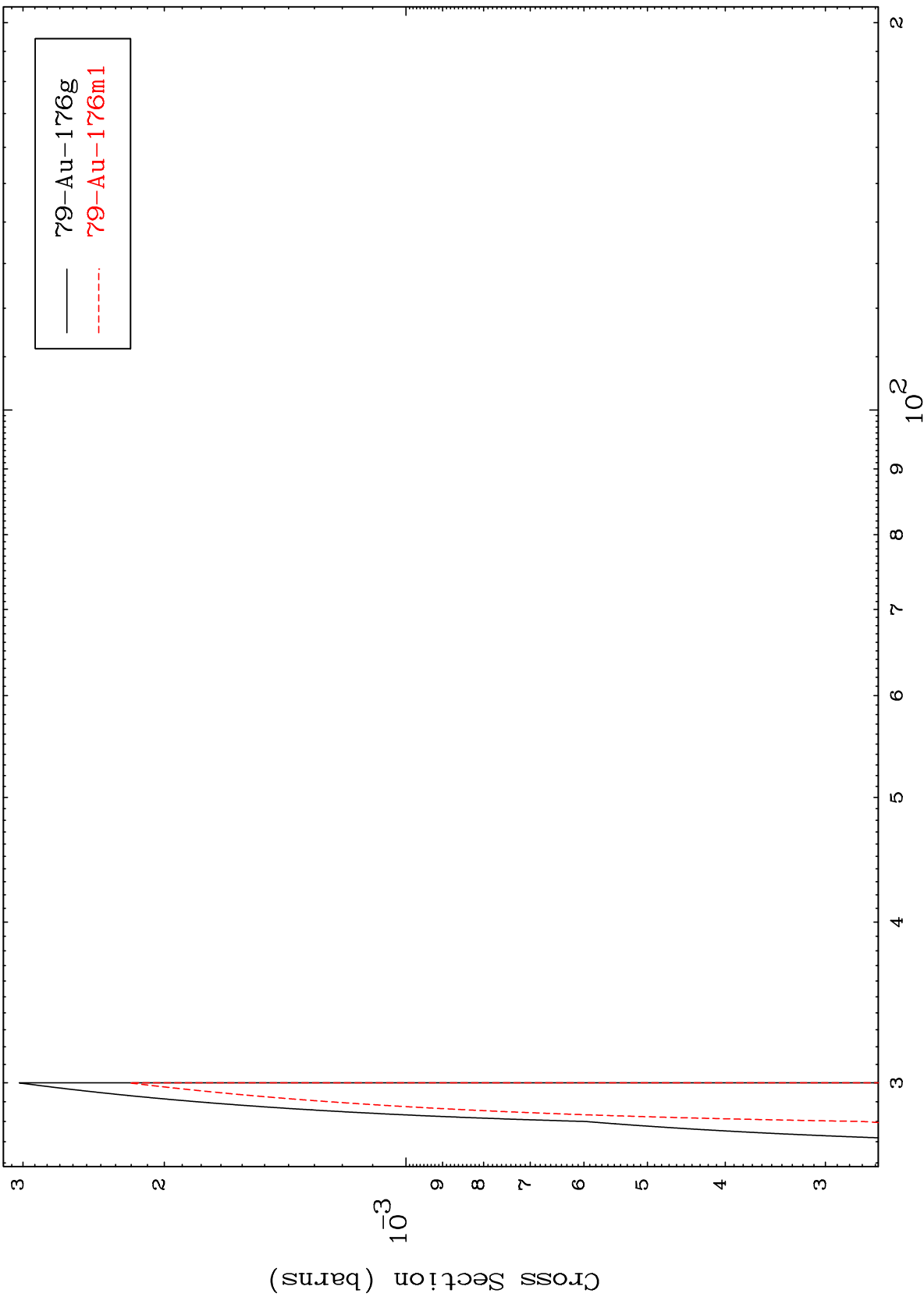
α Inelastic



MAT 7674

⁷⁷Ir-174

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



12

⁷⁷Ir-174

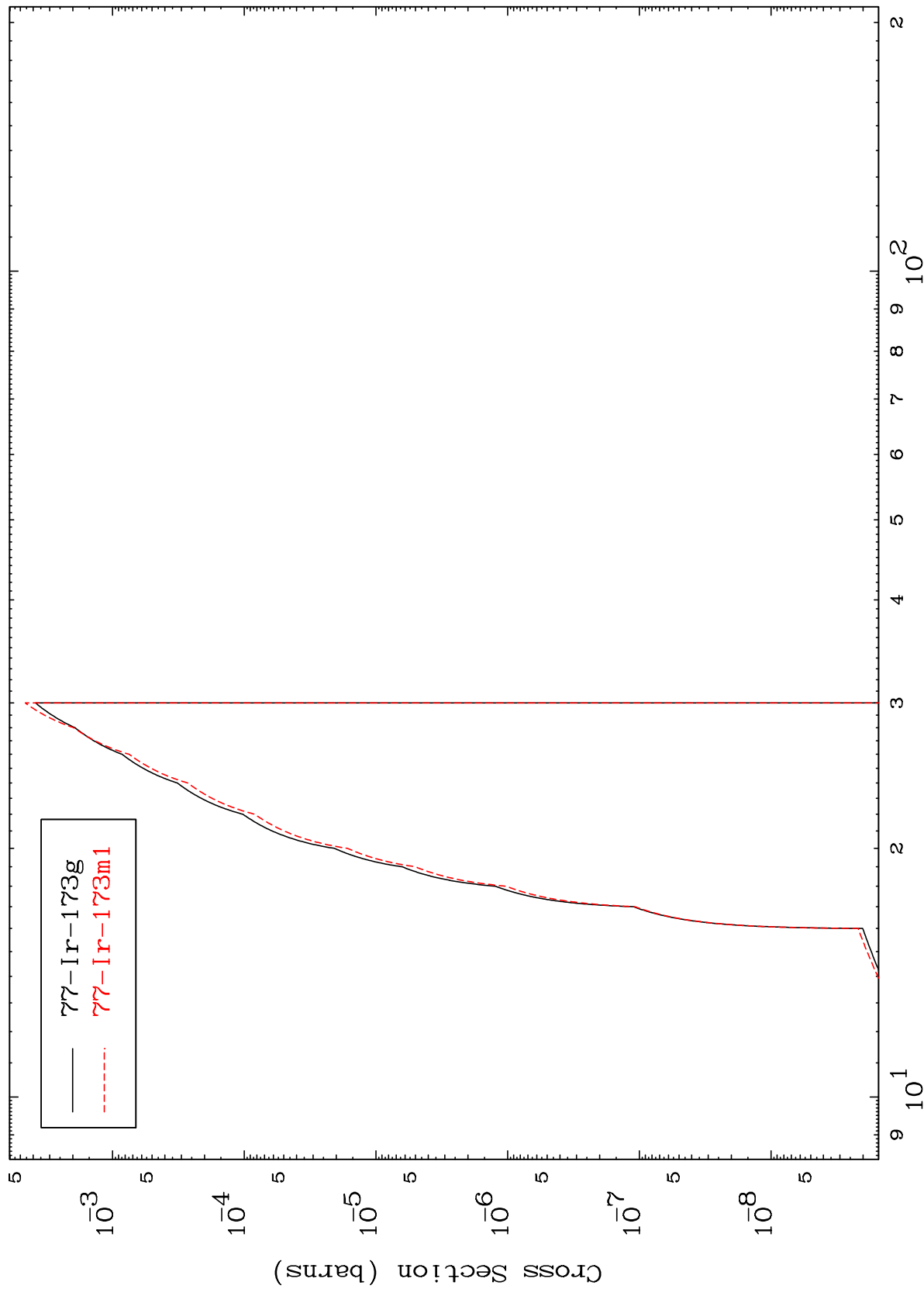
Incident Energy (MeV)

MAT 7674

(α, n') α

⁷⁷Ir-174

Radionuclide Production Cross Section



13

Incident Energy (MeV)

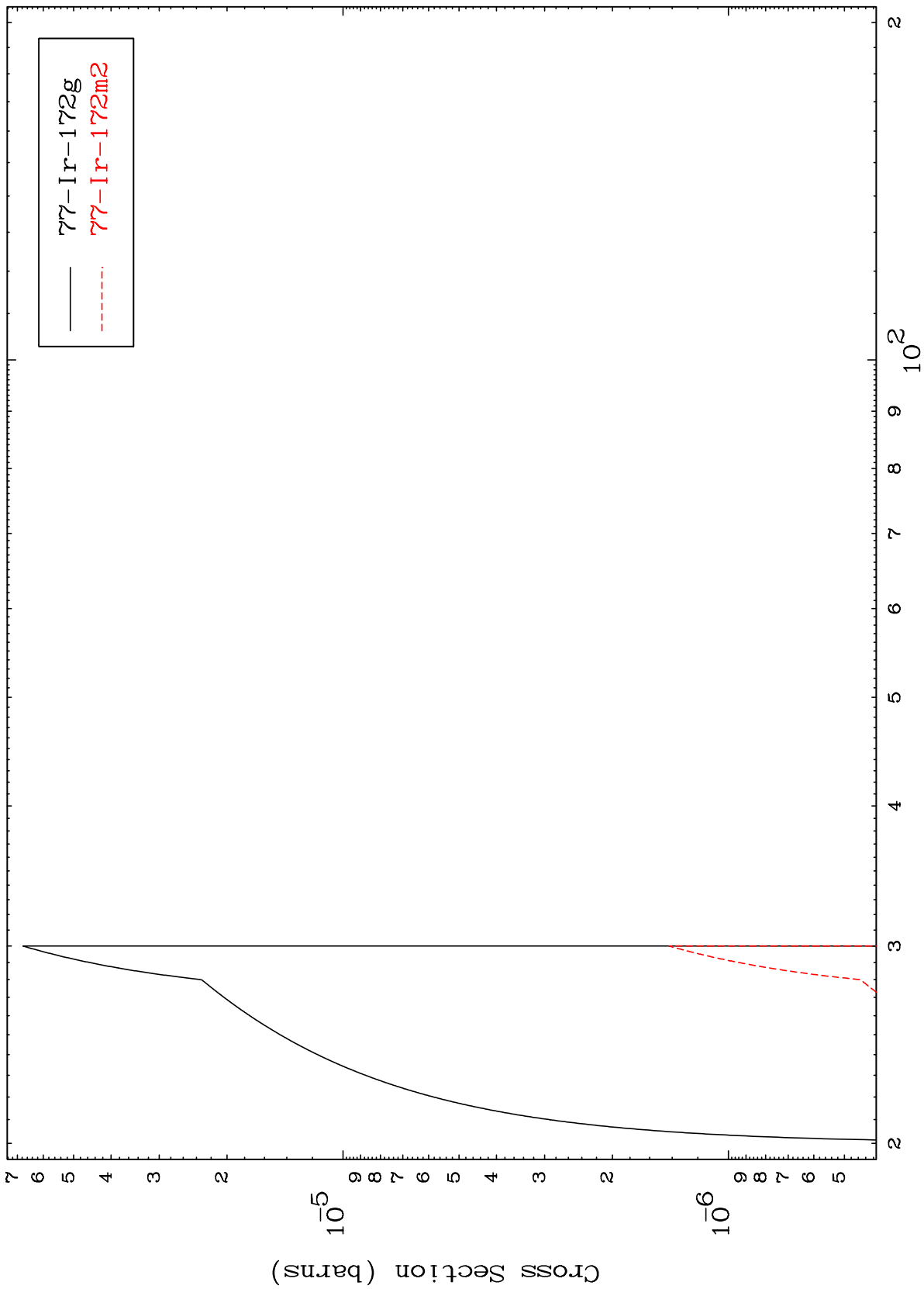
⁷⁷Ir-174

MAT 7674

($\alpha, 2n$) α

$^{77}\text{Ir-174}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

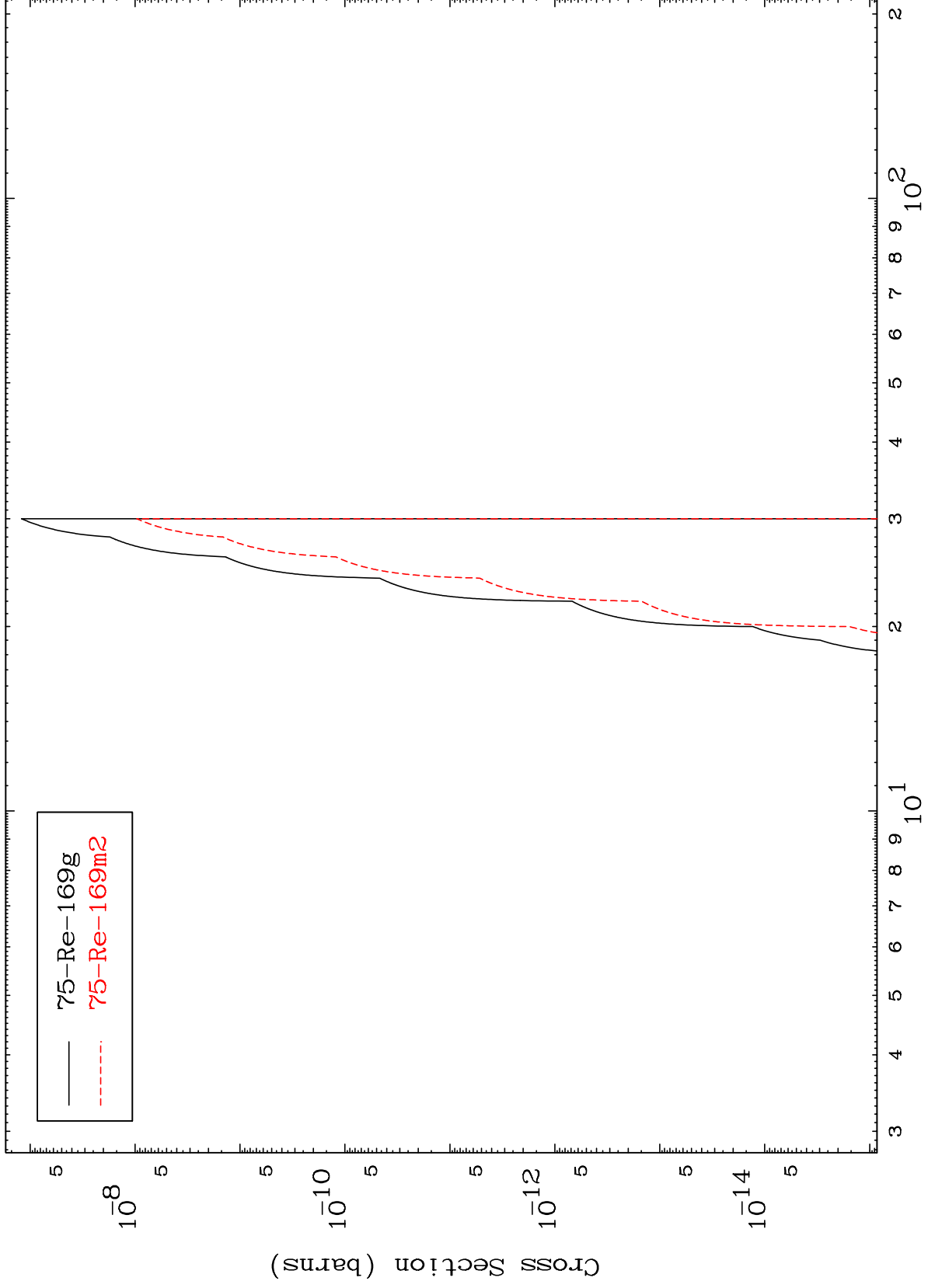
$^{77}\text{Ir-174}$

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(α, n') 2α

77-Ir-174

Radionuclide Production Cross Section



— 75-Re-169g
- - - 75-Re-169m2

15

Incident Energy (MeV)

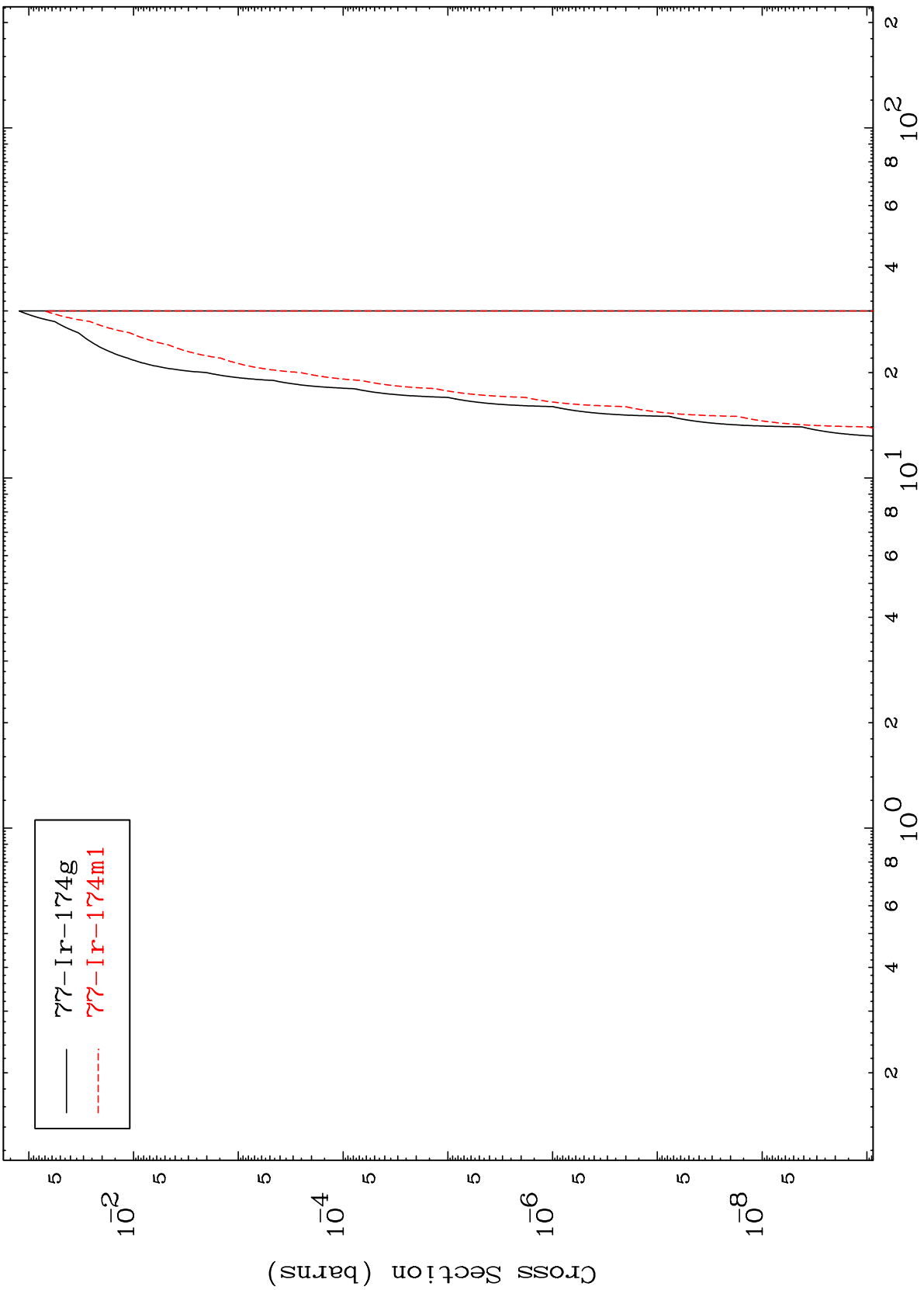
77-Ir-174

MAT 7674

(α, α)

⁷⁷Ir-174

Radionuclide Production Cross Section



— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1