

Program EVALPLOT
(Version 2021-1)

by

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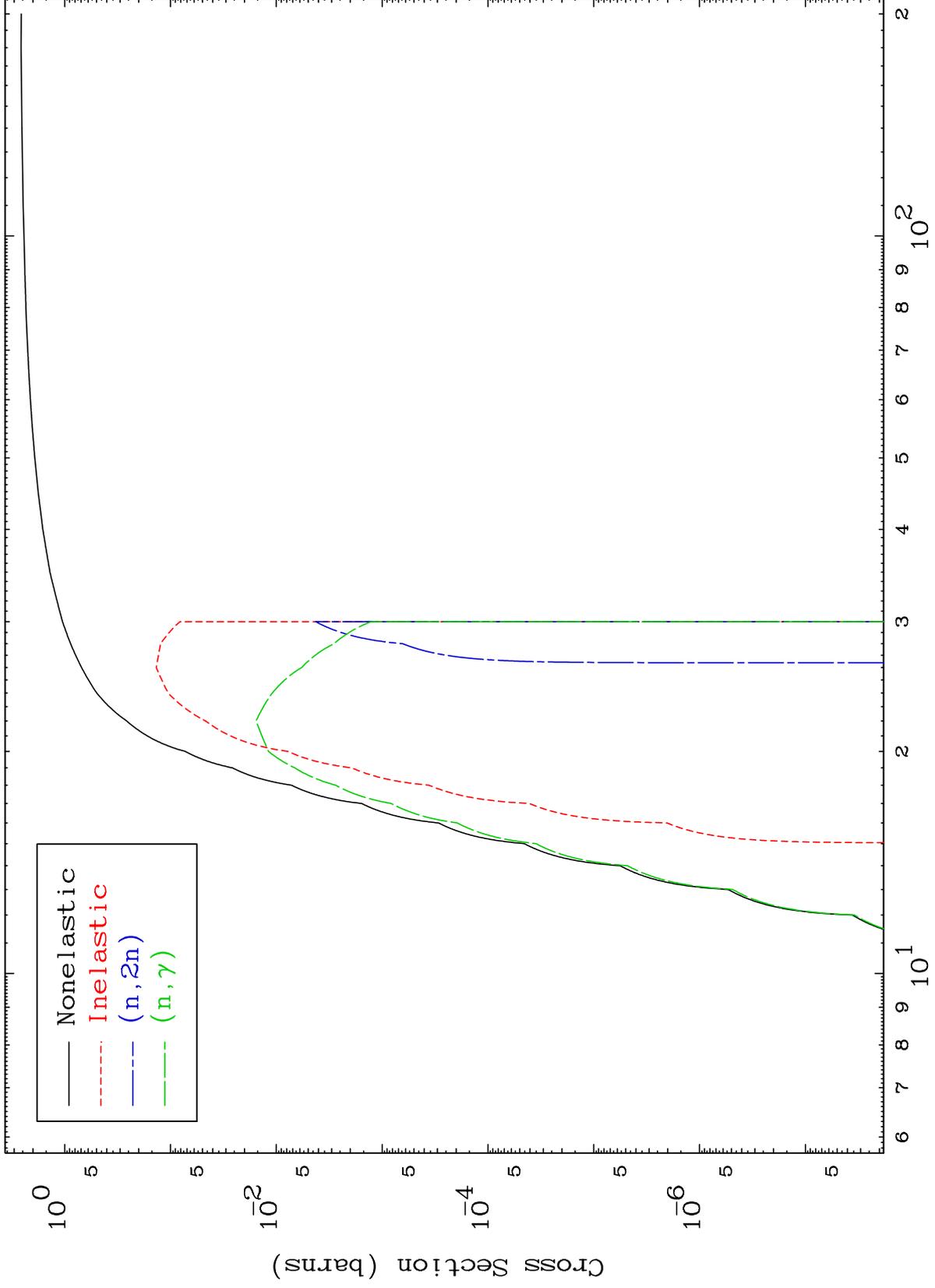
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Press Mouse Button to Start

MAT 7675

0 Kelvin Cross Sections

77-Ir-174m



1

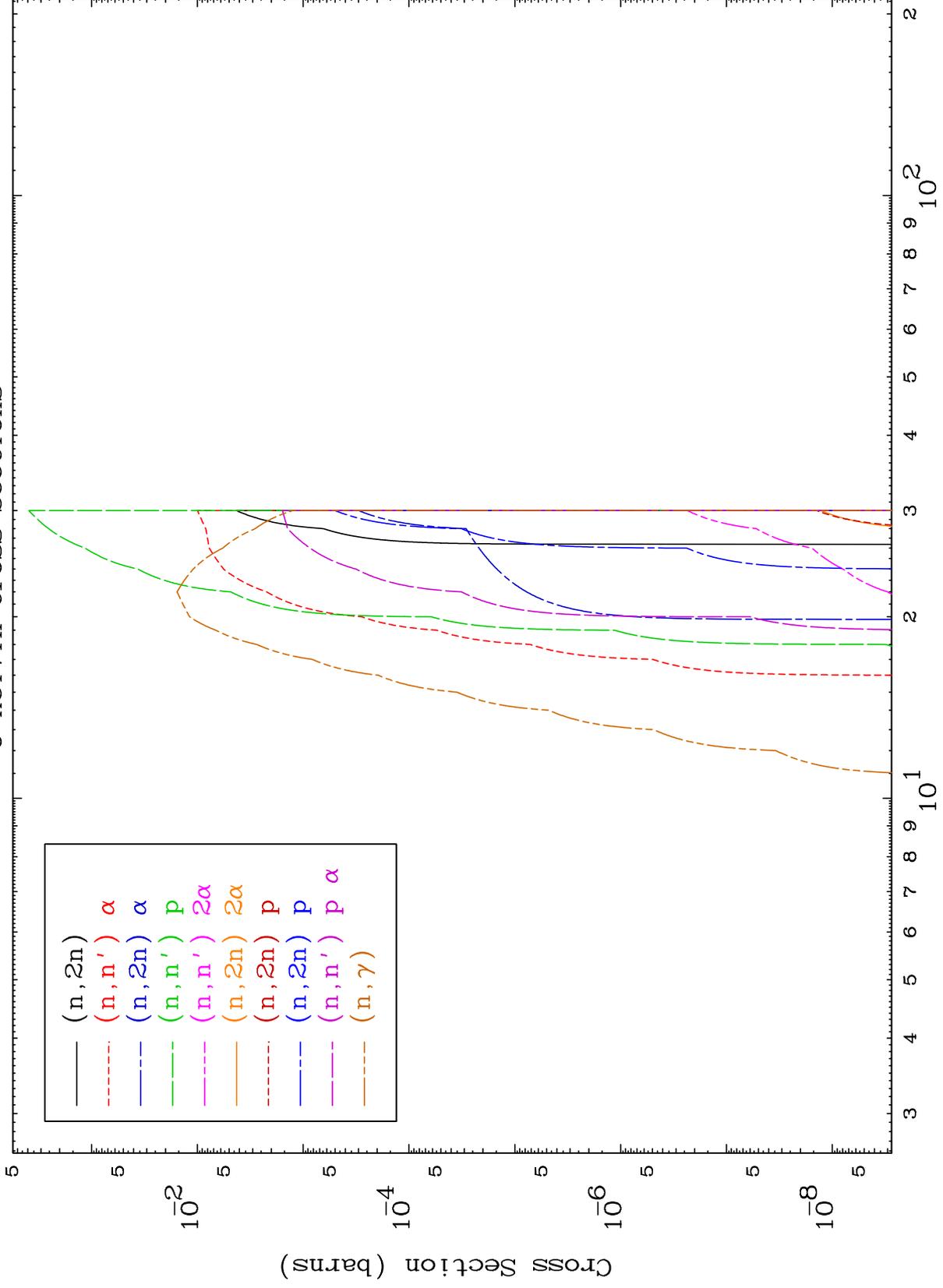
Incident Energy (MeV)

77-Ir-174m

MAT 7675

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-174m



2

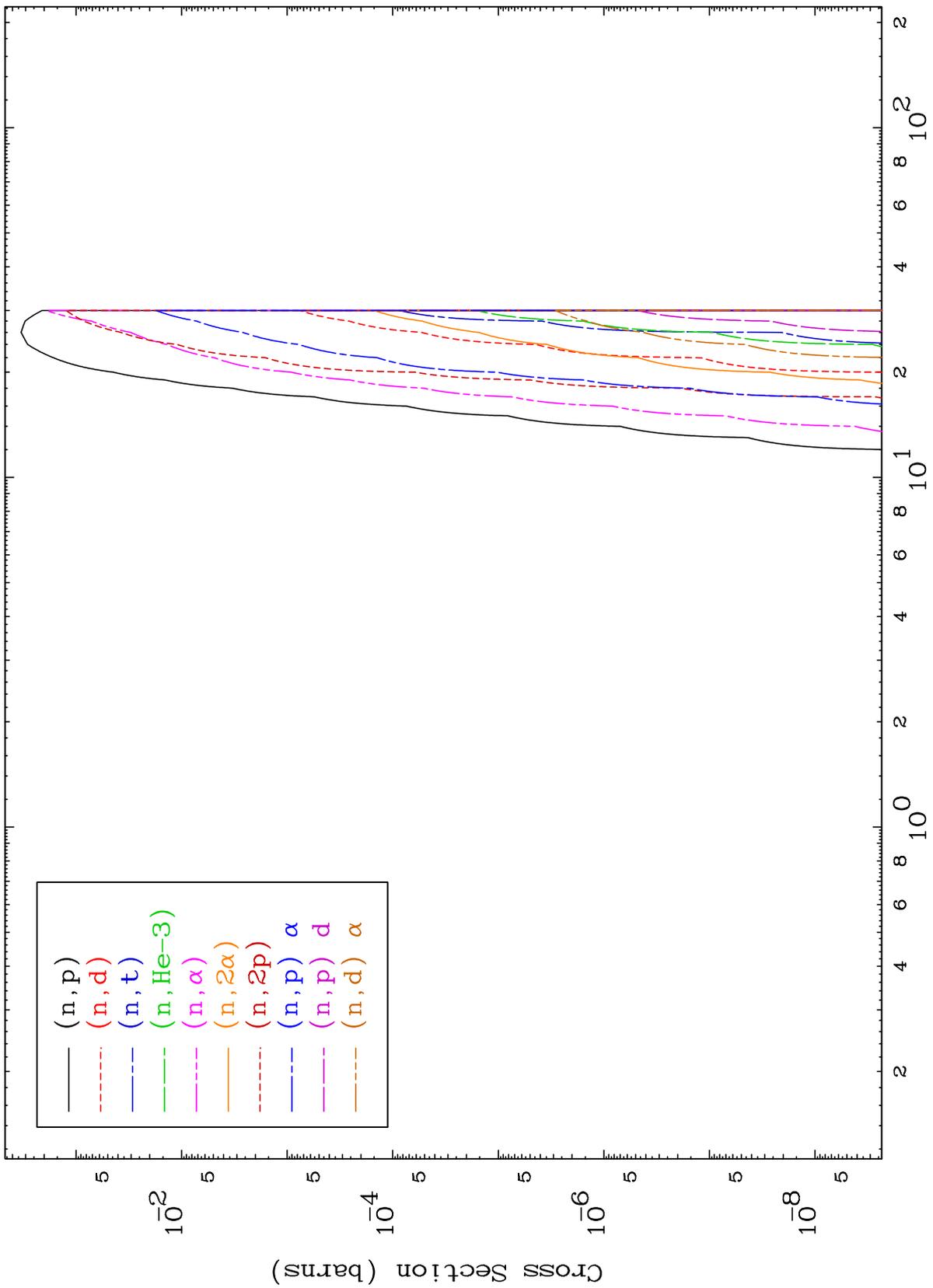
Incident Energy (MeV)

77-Ir-174m

MAT 7675

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-174m



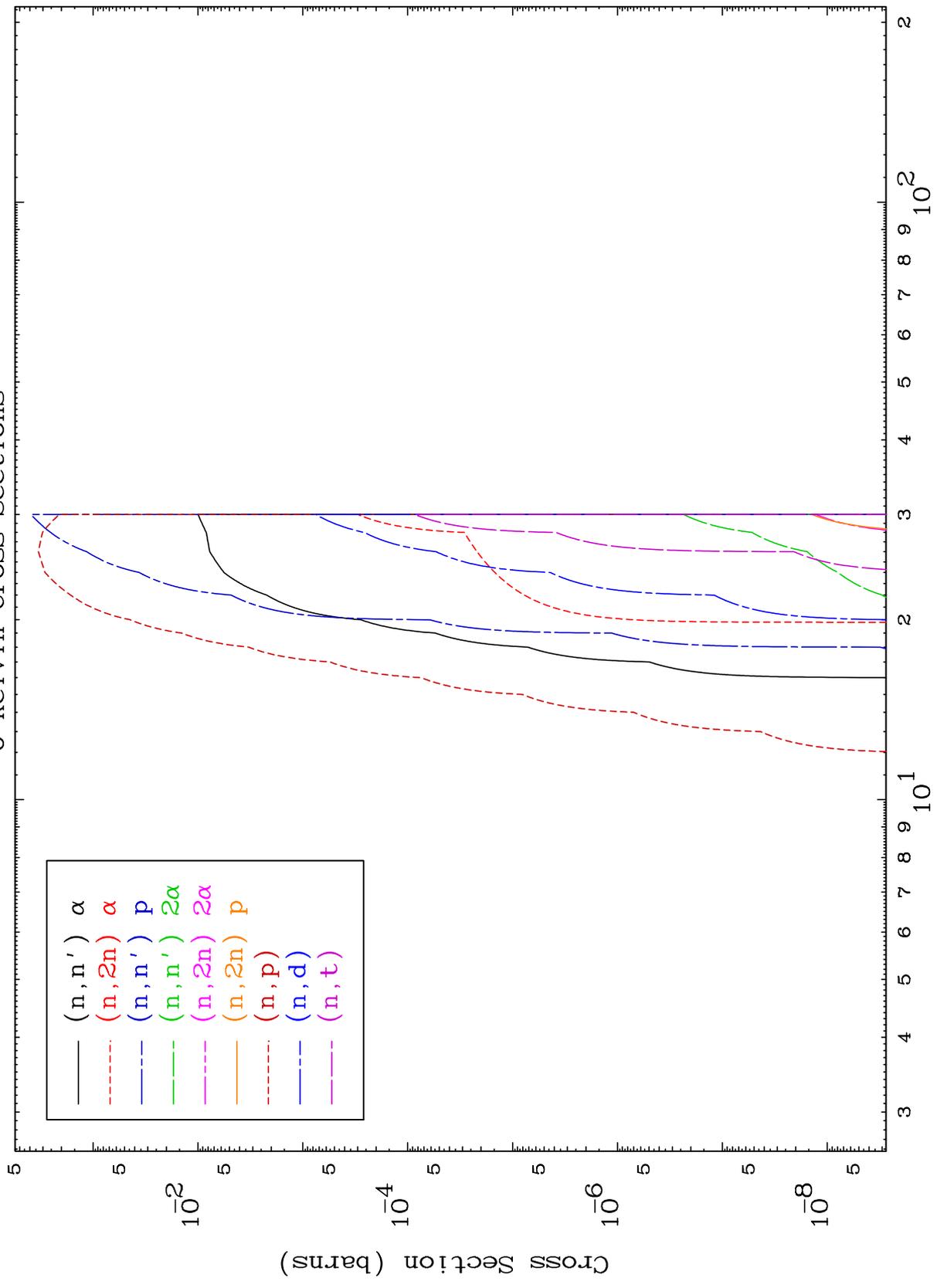
Incident Energy (MeV)

77-Ir-174m

MAT 7675

α Charged Particle
0 Kelvin Cross Sections

77-Ir-174m



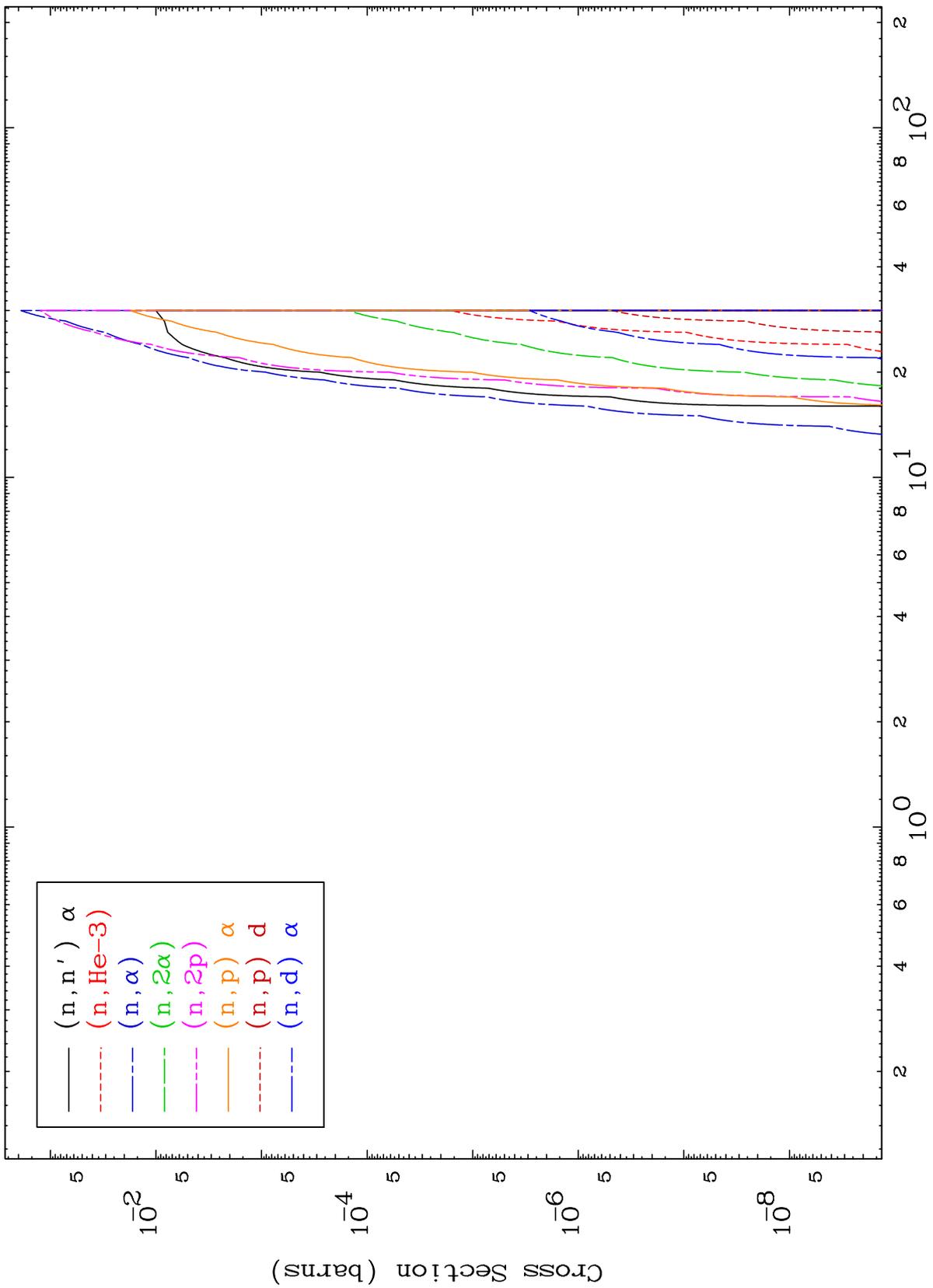
Incident Energy (MeV)

77-Ir-174m

MAT 7675

α Charged Particle
0 Kelvin Cross Sections

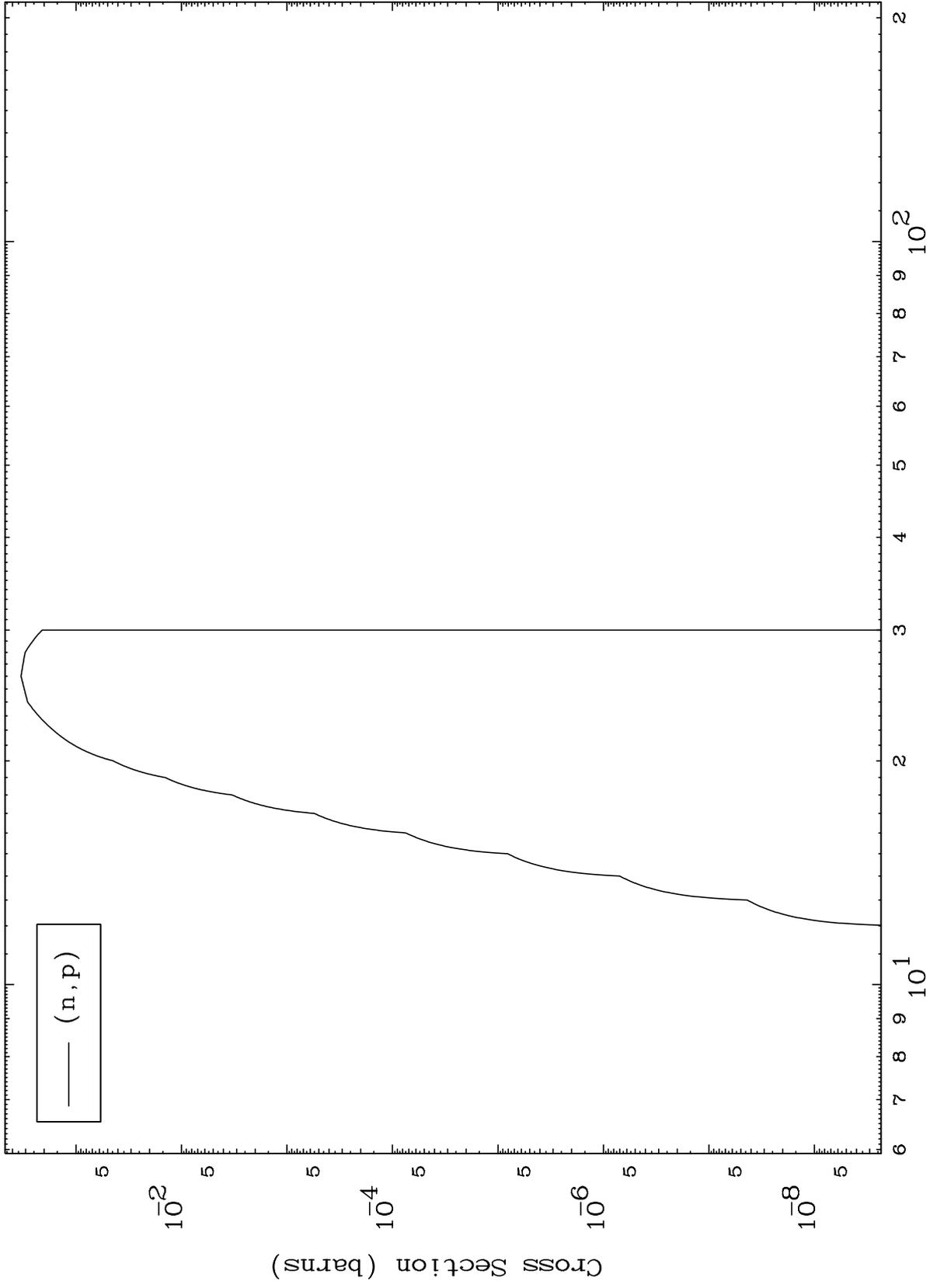
77-Ir-174m



MAT 7675

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-174m



6

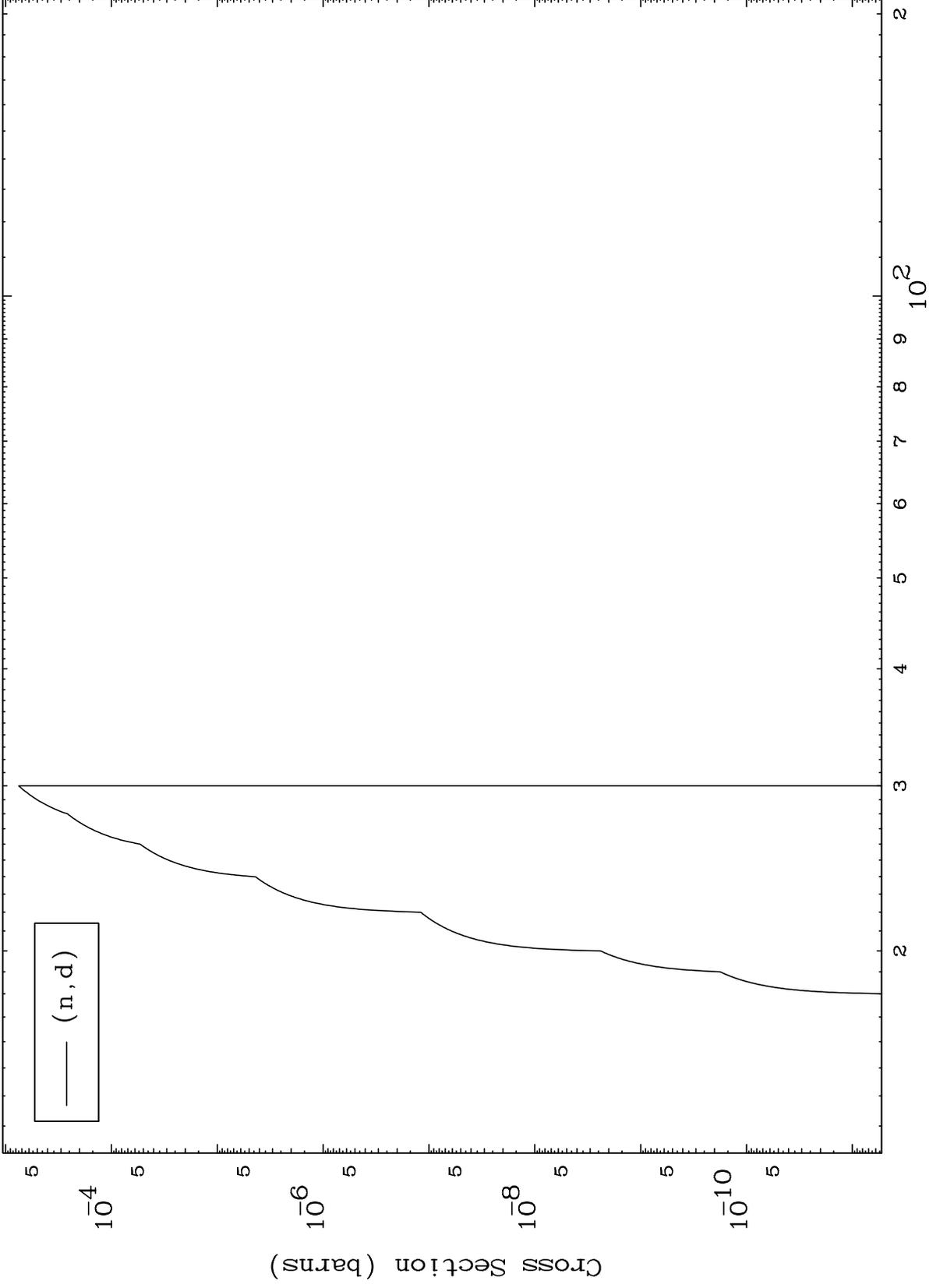
Incident Energy (MeV)

77-Ir-174m

MAT 7675

(α, d) Levels
0 Kelvin Cross Sections

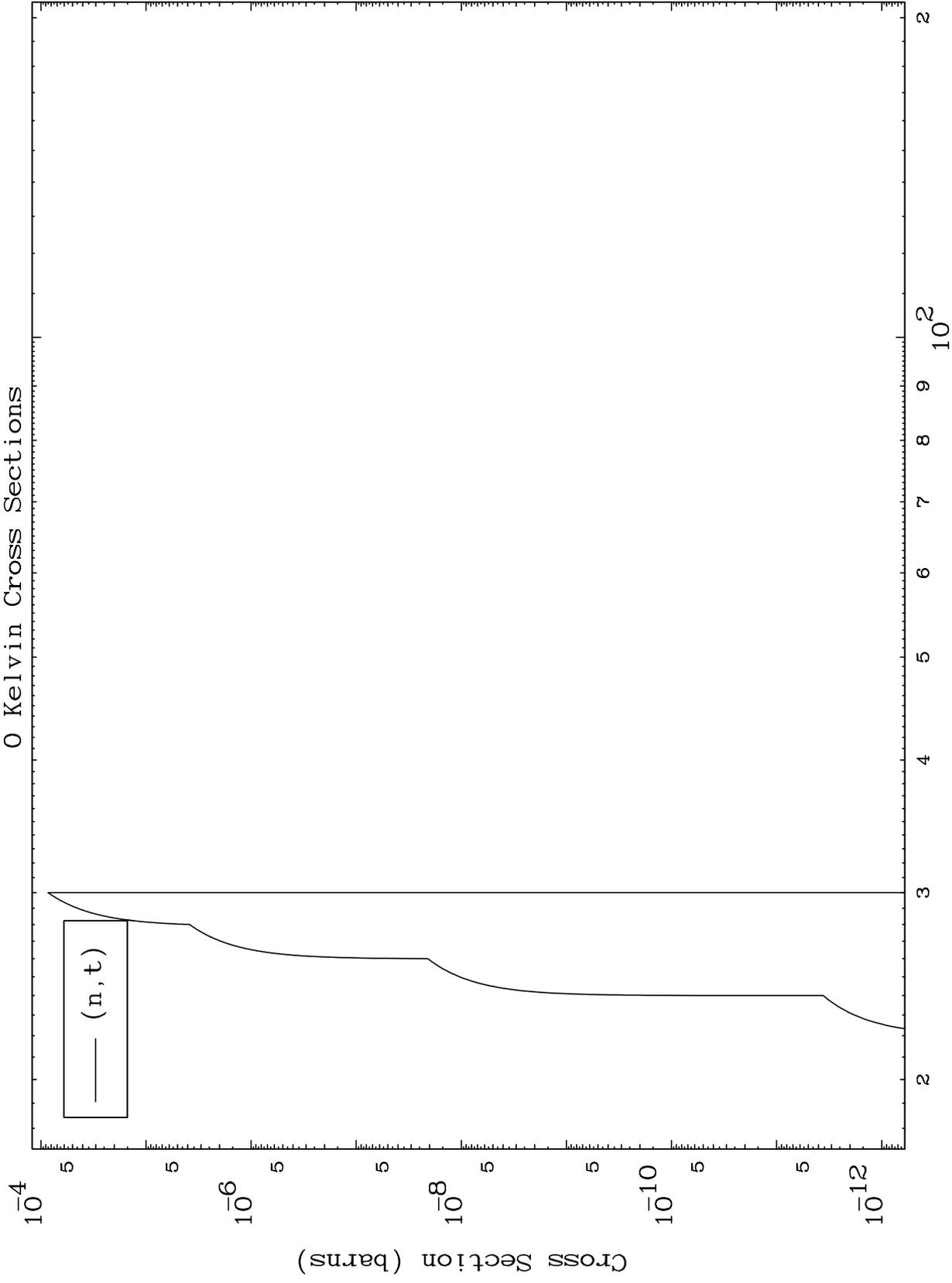
77-Ir-174m



MAT 7675

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-174m



8

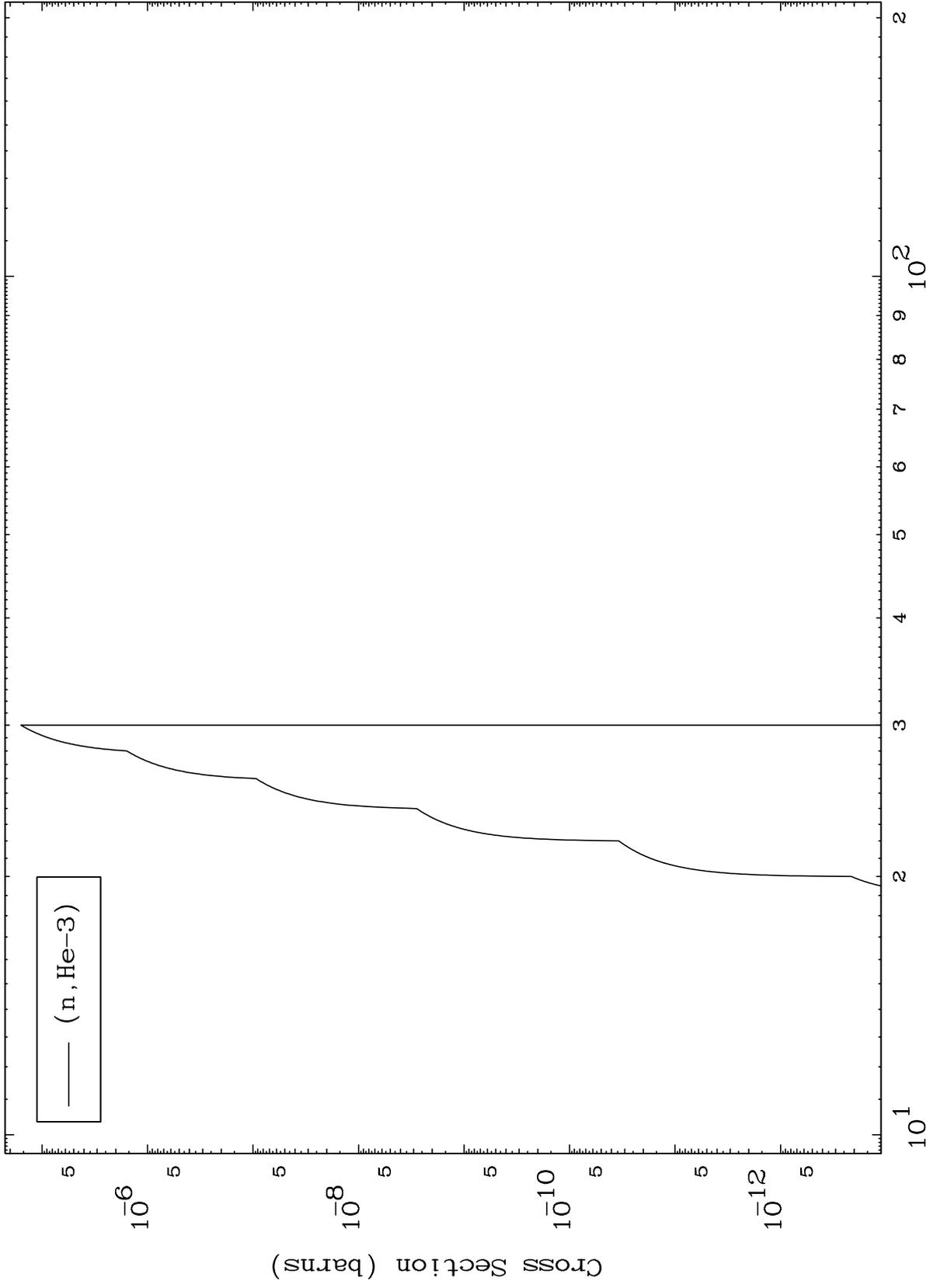
Incident Energy (MeV)

77-Ir-174m

MAT 7675

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

77-Ir-174m



Incident Energy (MeV)

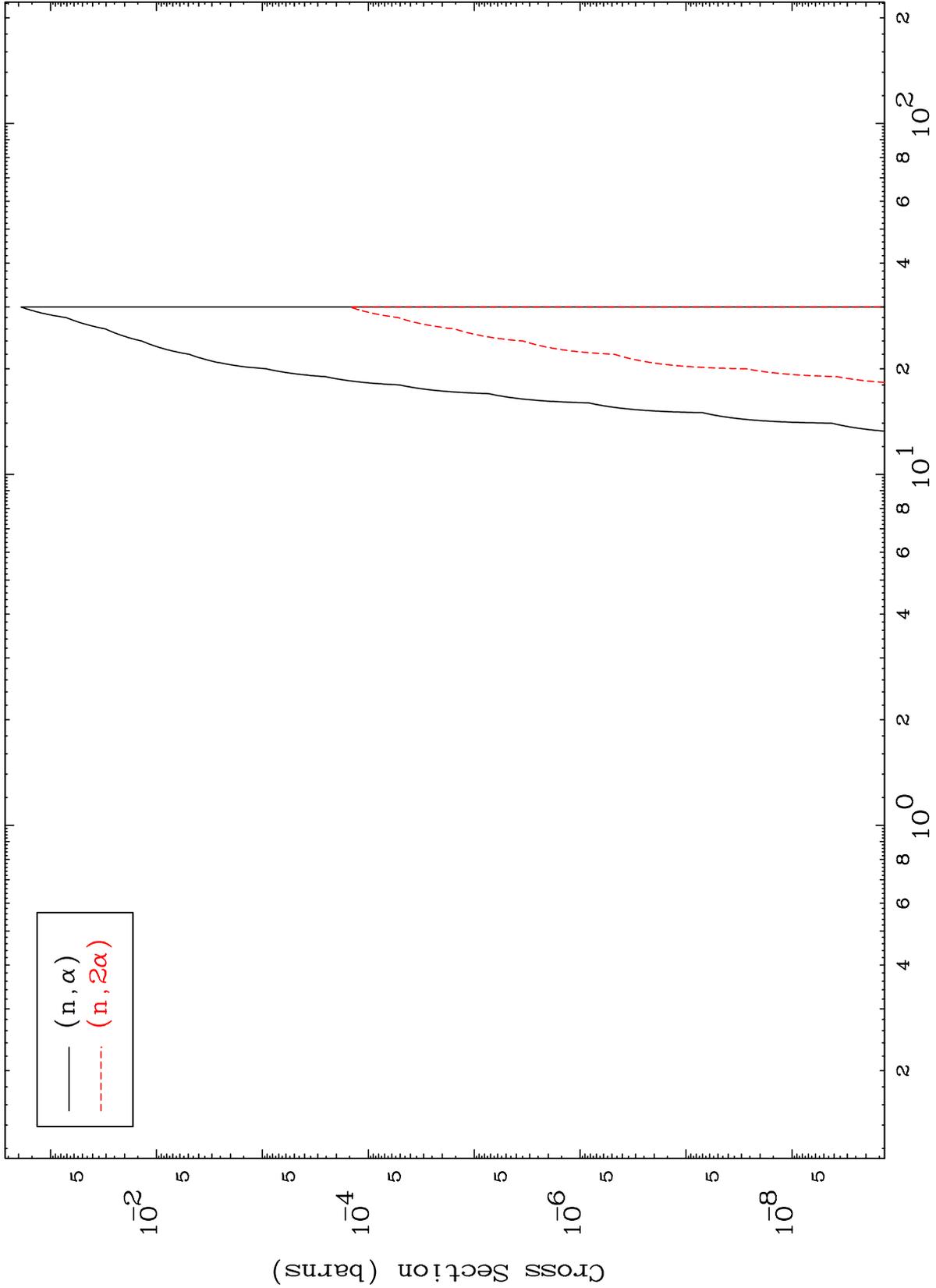
77-Ir-174m

MAT 7675

(α, α) Levels

77-Ir-174m

0 Kelvin Cross Sections



10

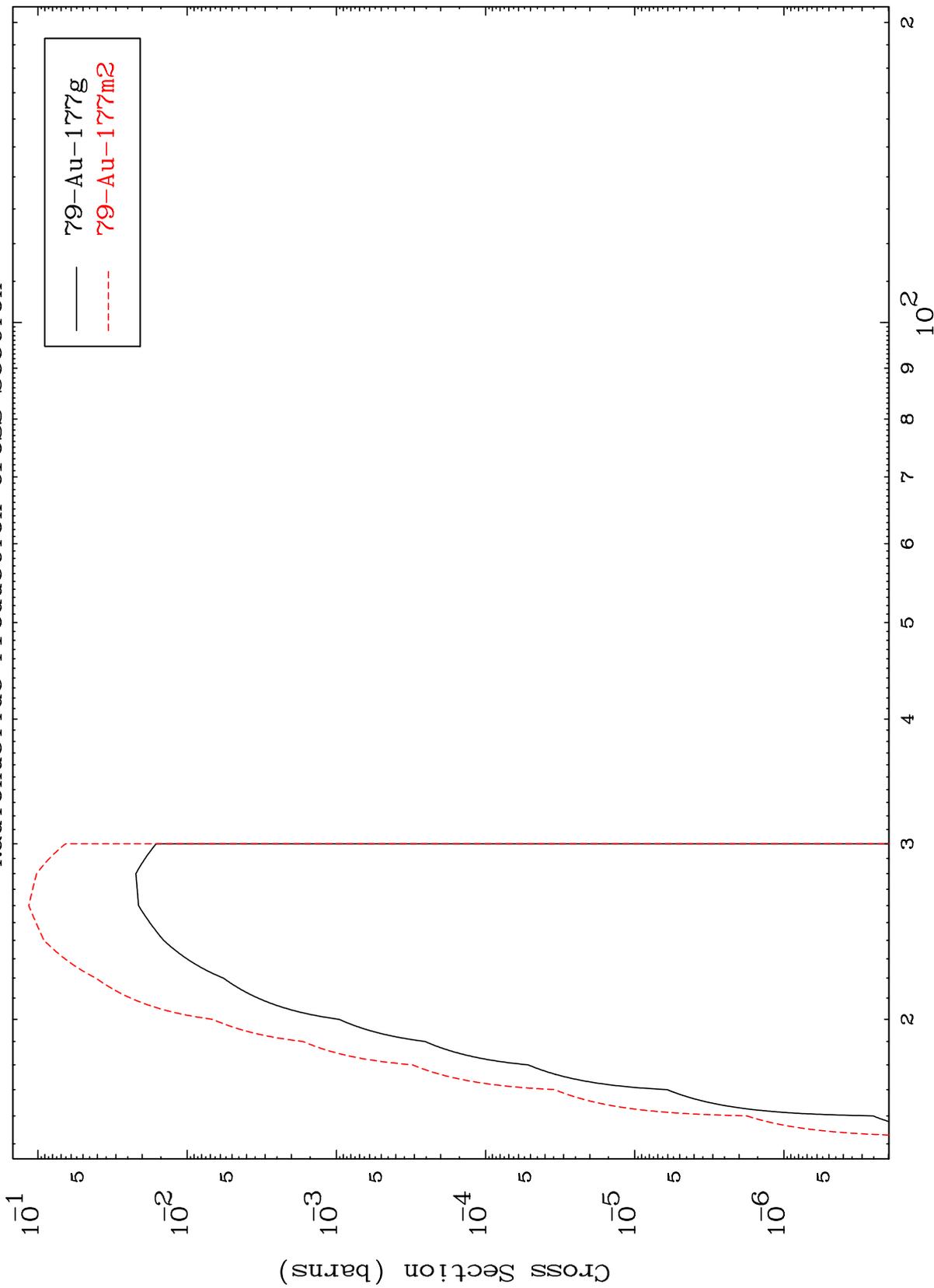
Incident Energy (MeV)

77-Ir-174m

MAT 7675

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-174m



11

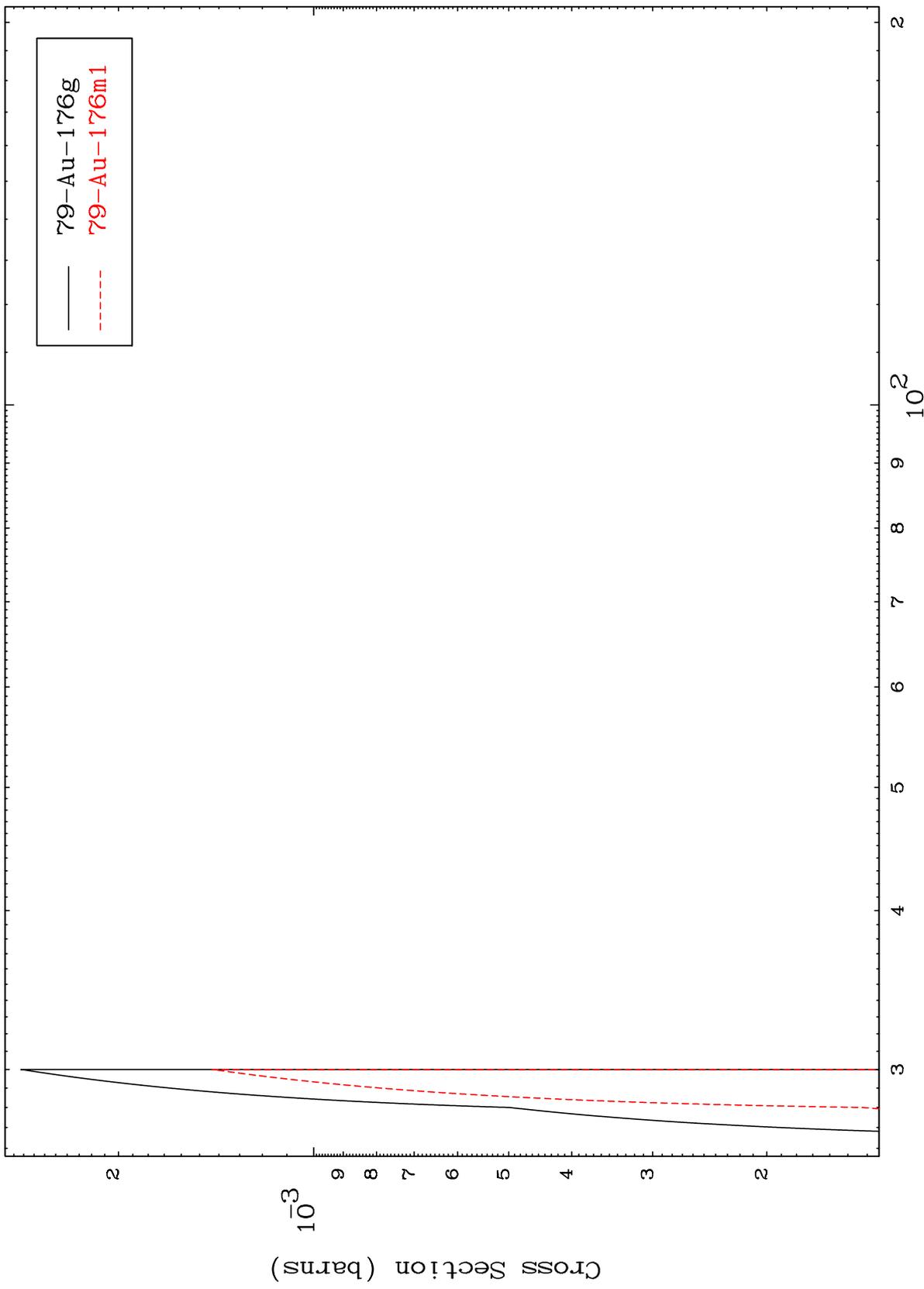
Incident Energy (MeV)

⁷⁷Ir-174m

MAT 7675

⁷⁷Ir-174m

(n,2n)
Radionuclide Production Cross Section



12

⁷⁷Ir-174m

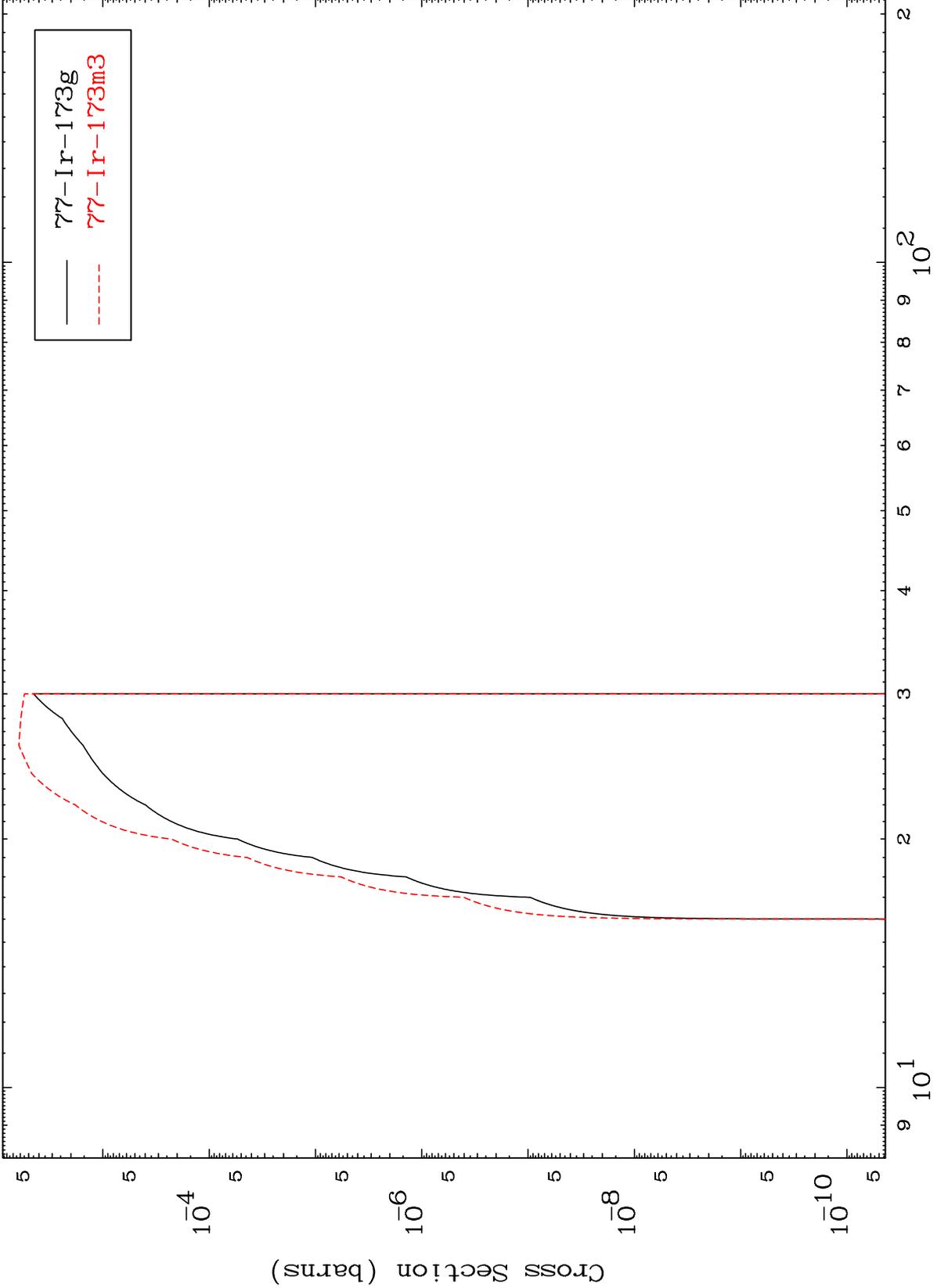
Incident Energy (MeV)

MAT 7675

$(n, n') \alpha$

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

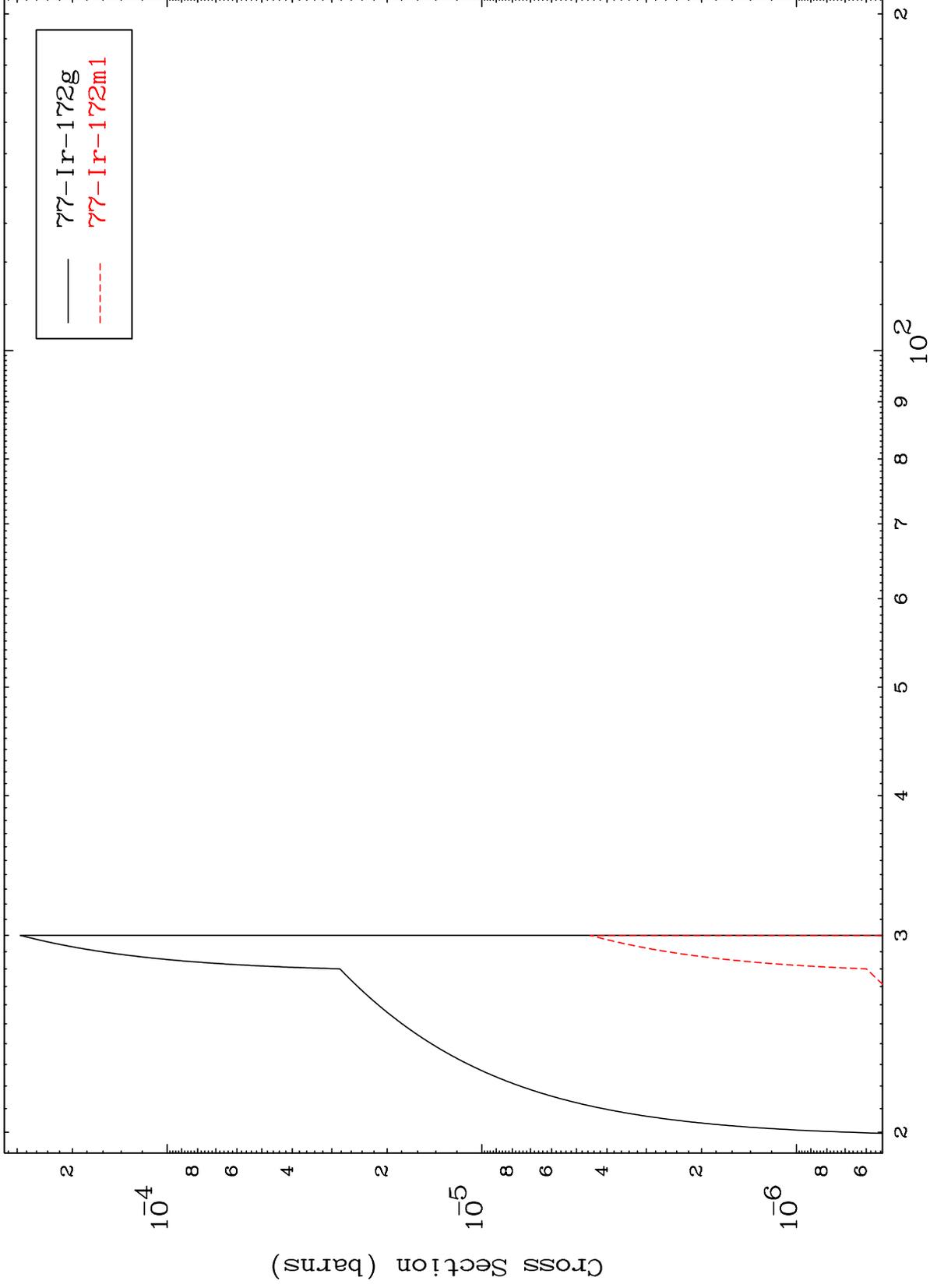
$^{77}\text{Ir}-174\text{m}$

MAT 7675

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

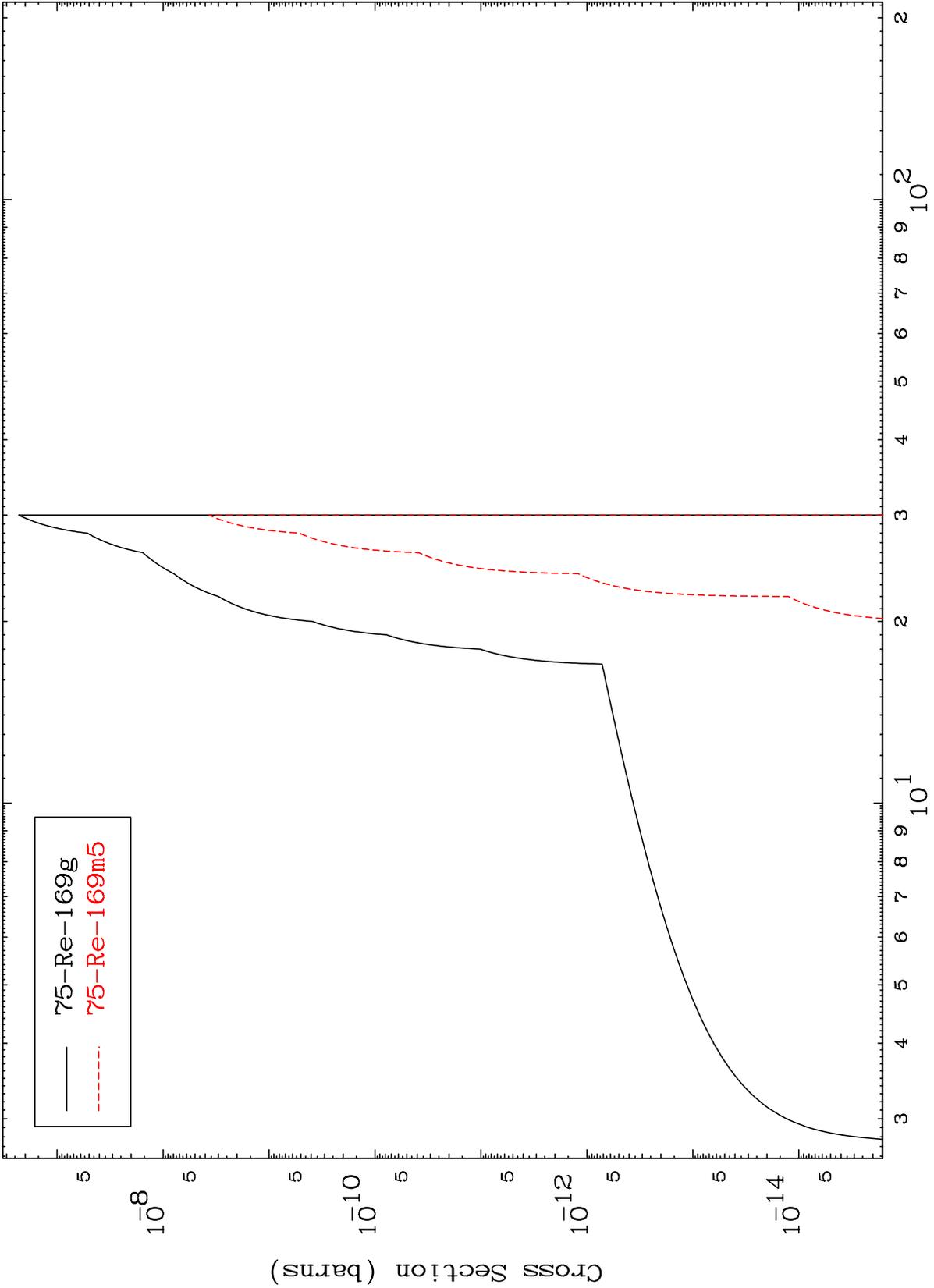
$^{77}\text{Ir}-174\text{m}$

MAT 7675

(n,n') 2α

77-Ir-174m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

77-Ir-174m

MAT 7675

(n, α)

⁷⁷Ir-174m

Radionuclide Production Cross Section

