

Program EVALPLOT
(Version 2021-1)

by

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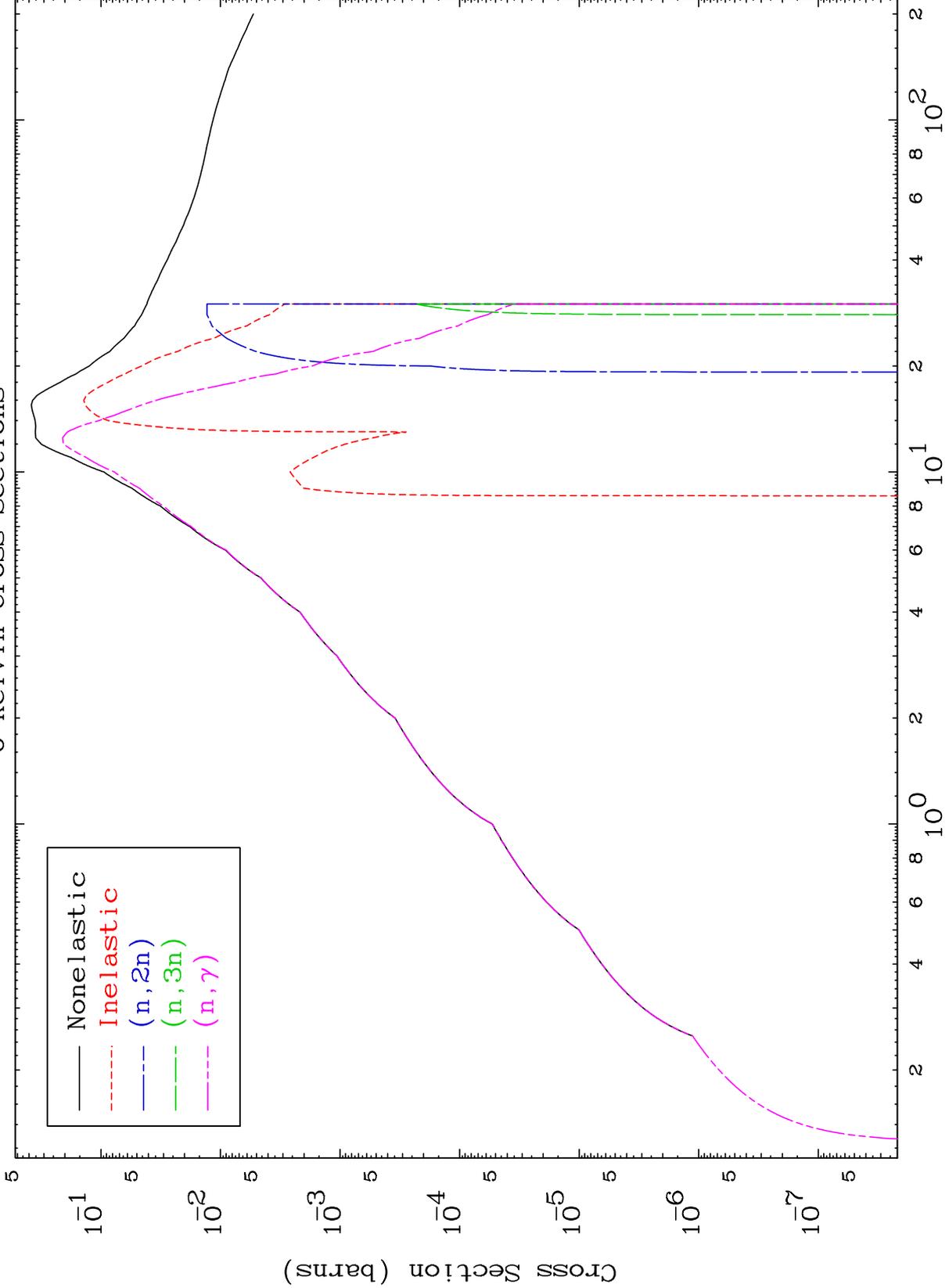
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7680

Photon Major
0 Kelvin Cross Sections

⁷⁷Ir-176

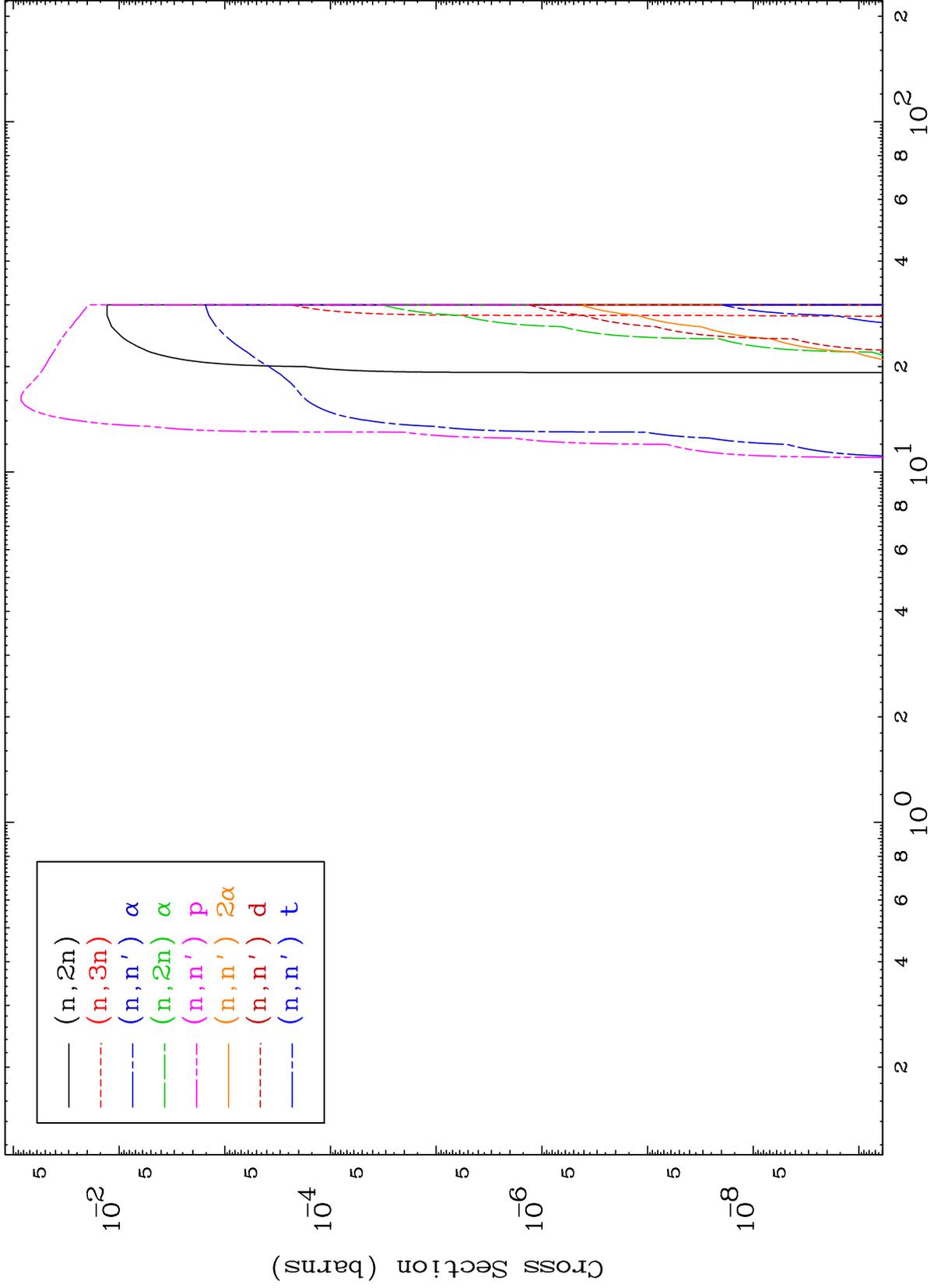


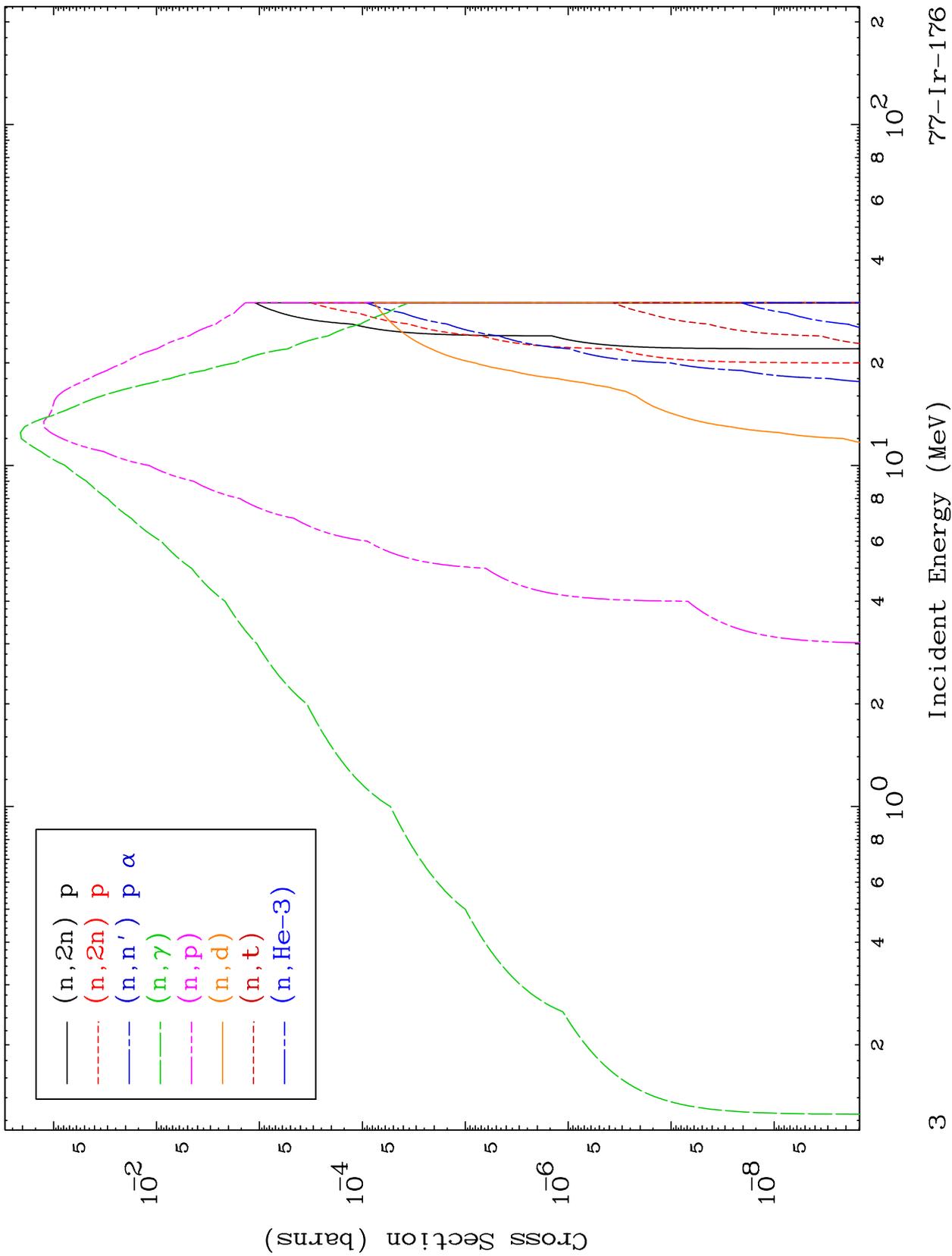
Legend:
— Nonelastic
- - - Inelastic
- · - (n,2n)
- - - (n,3n)
- - - (n,γ)

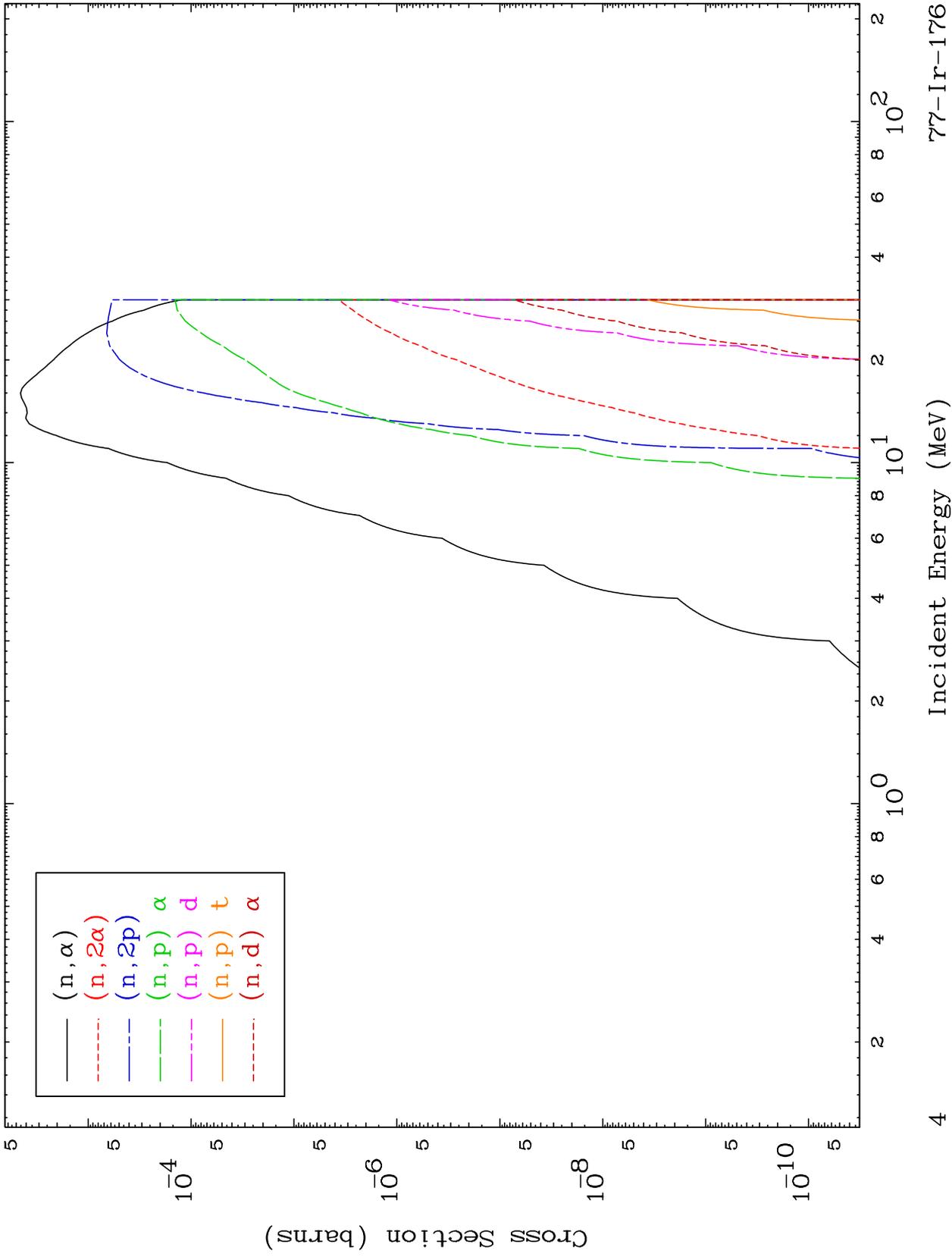
MAT 7680

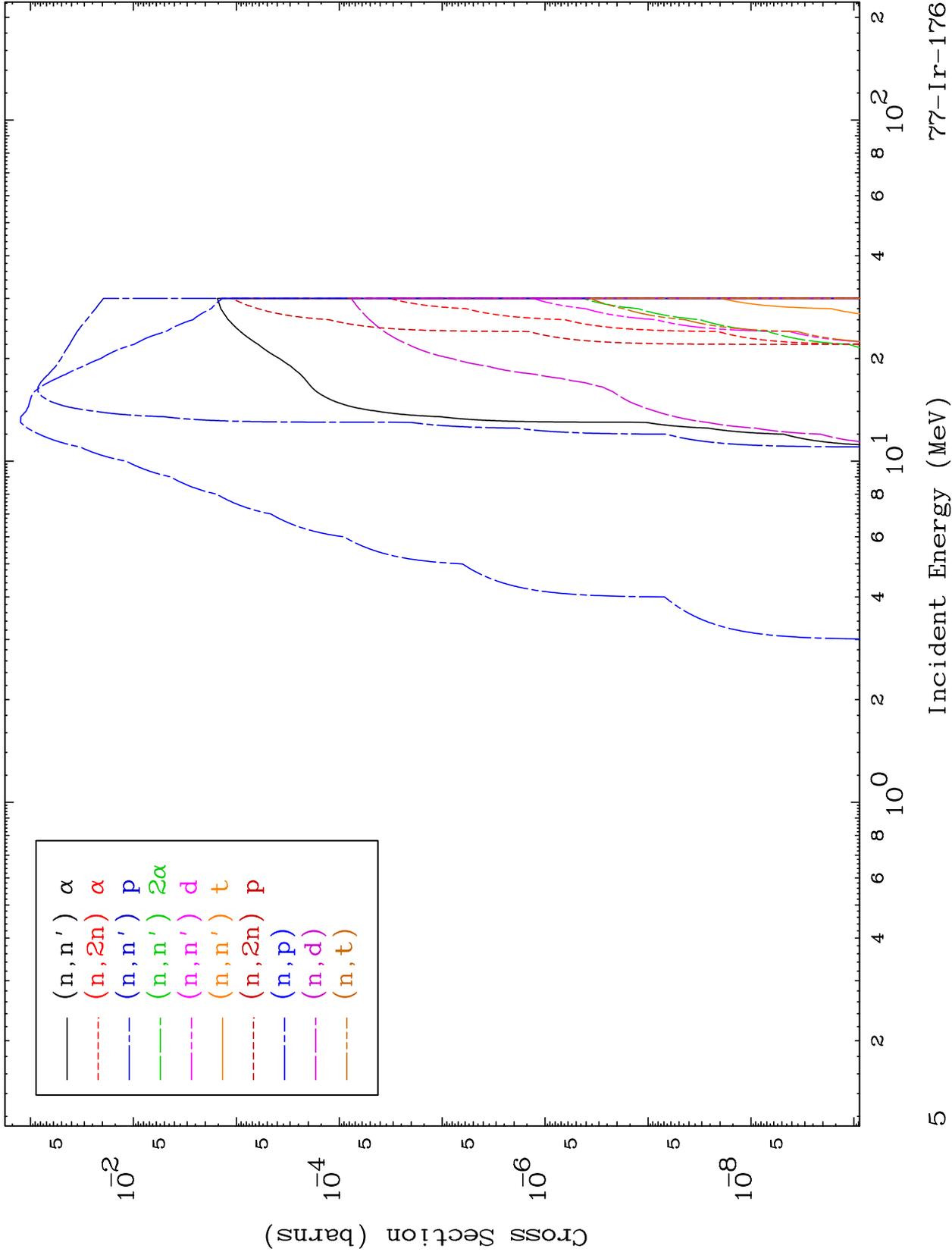
Photon Neutron Absorption
0 Kelvin Cross Sections

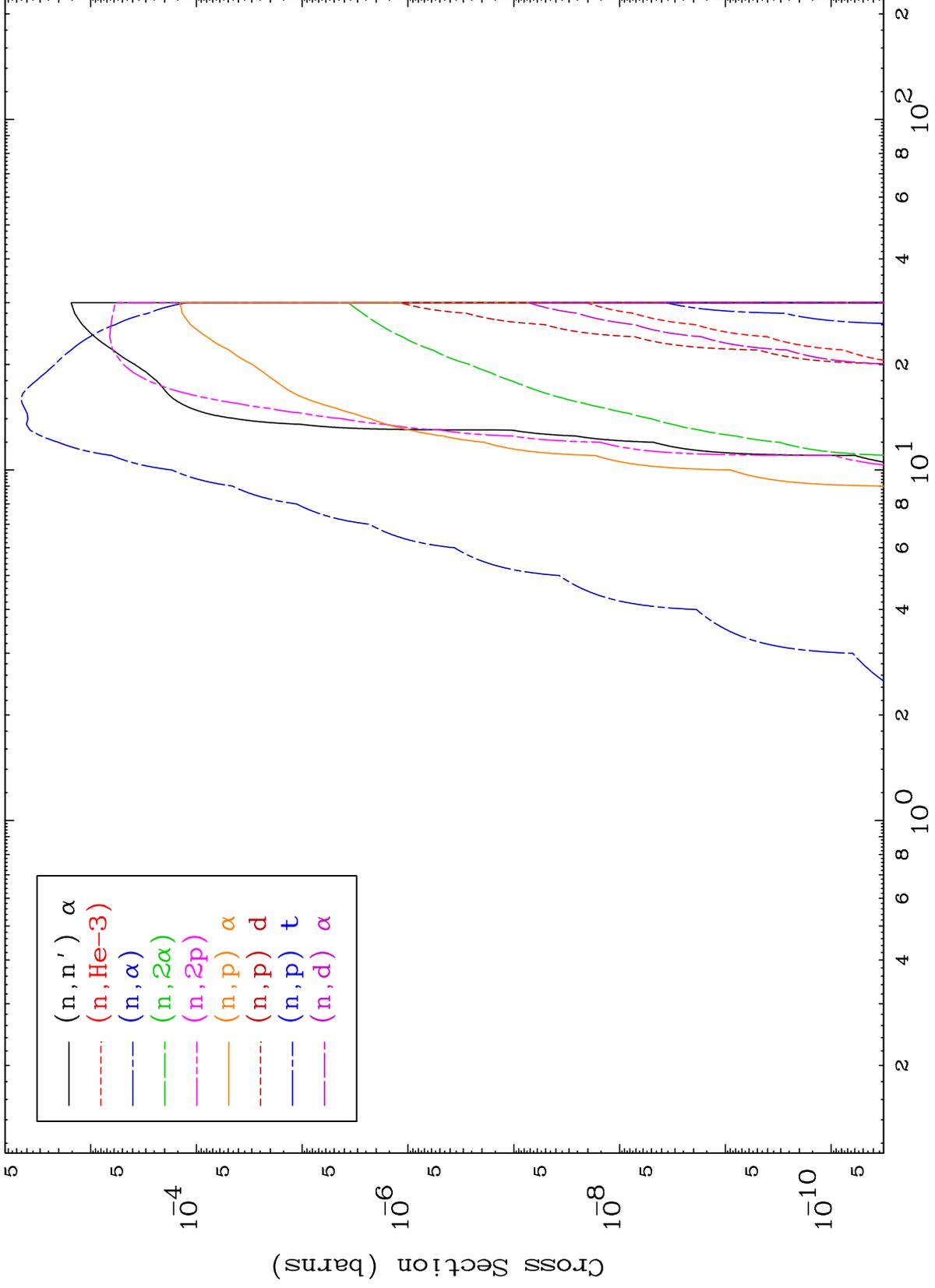
77-Ir-176









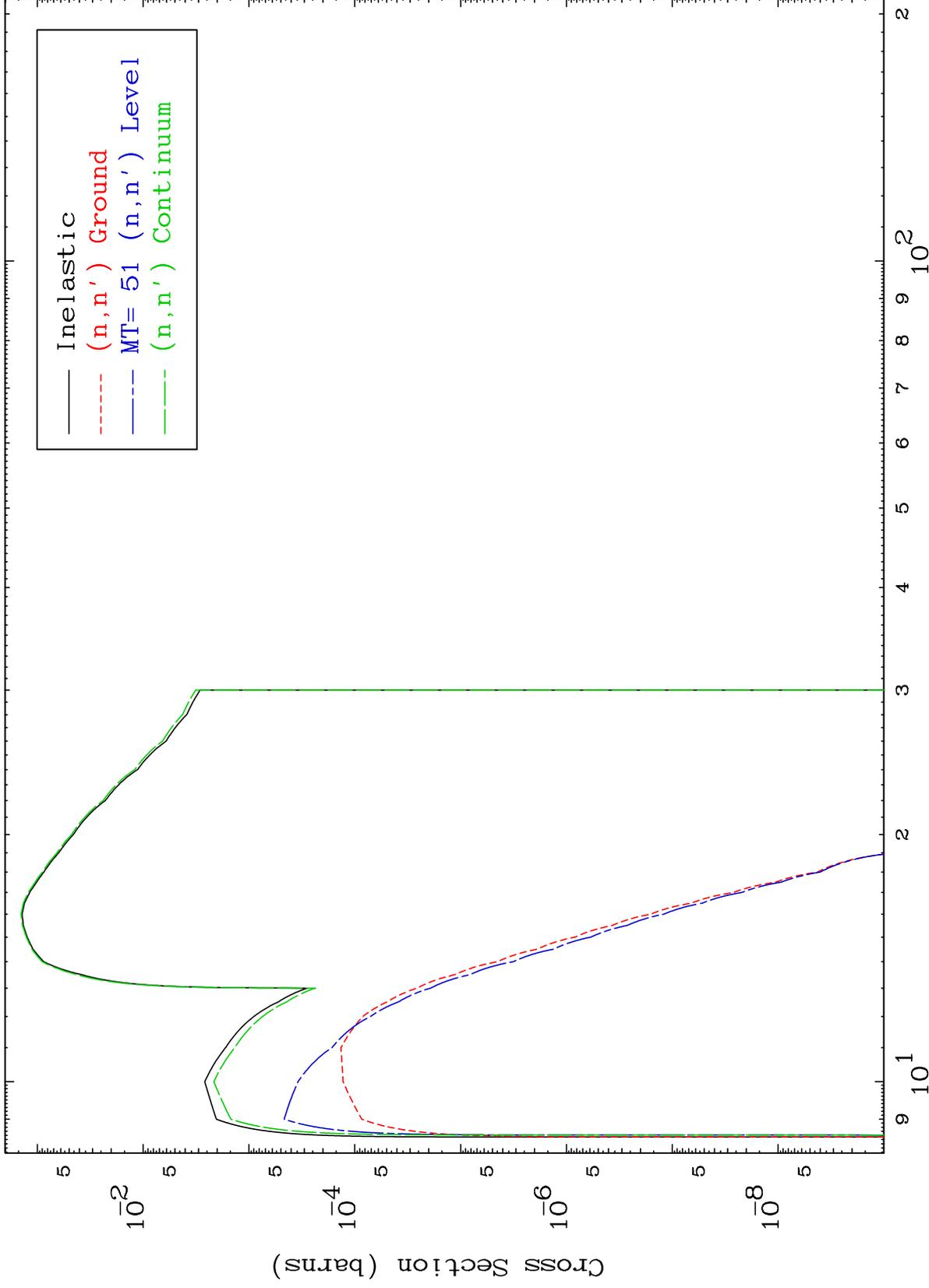


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(γ, n') Levels

77-Ir-176

0 Kelvin Cross Sections



Incident Energy (MeV)

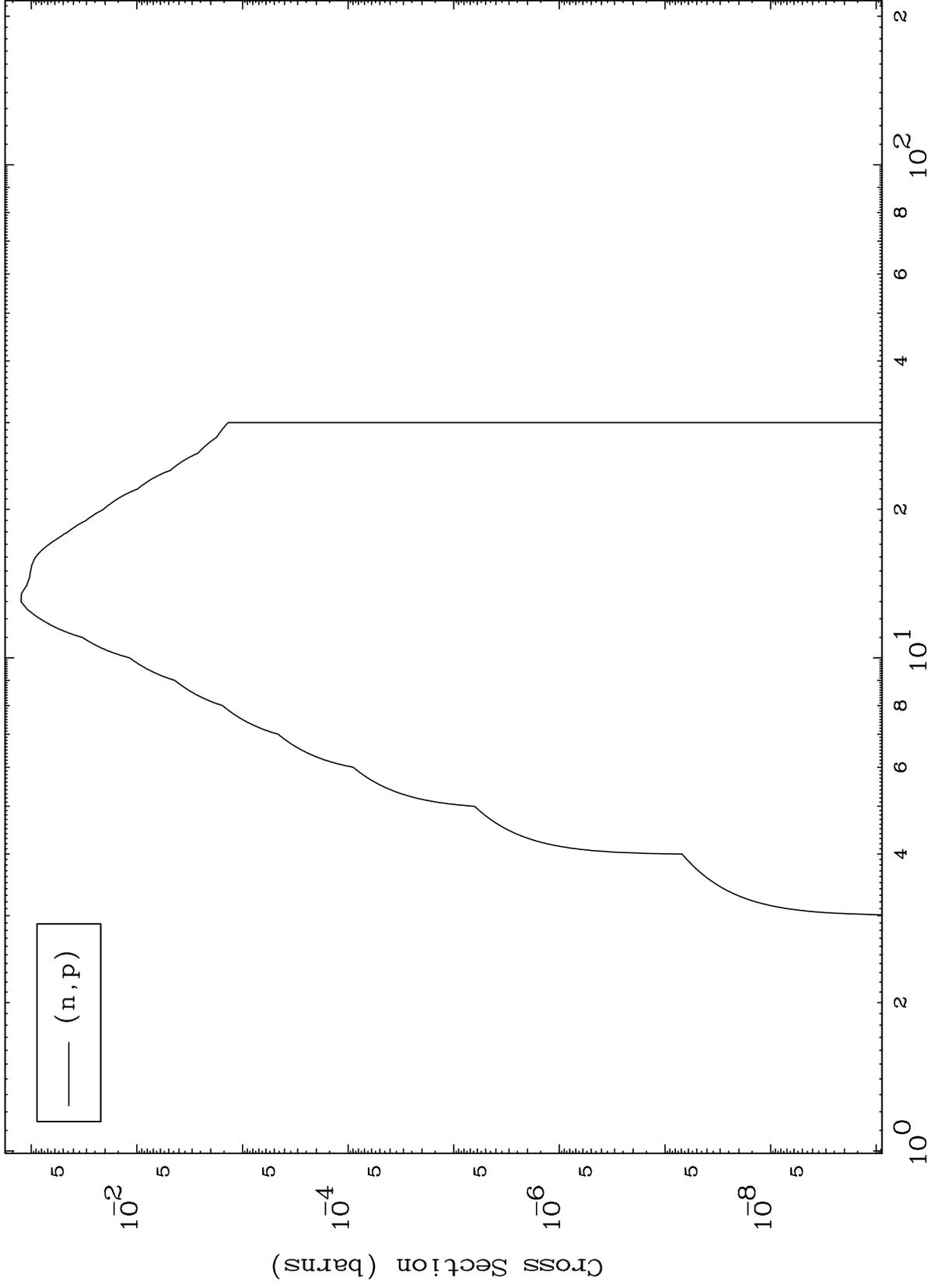
77-Ir-176

7

MAT 7680

(γ, p) Levels
0 Kelvin Cross Sections

⁷⁷Ir-176



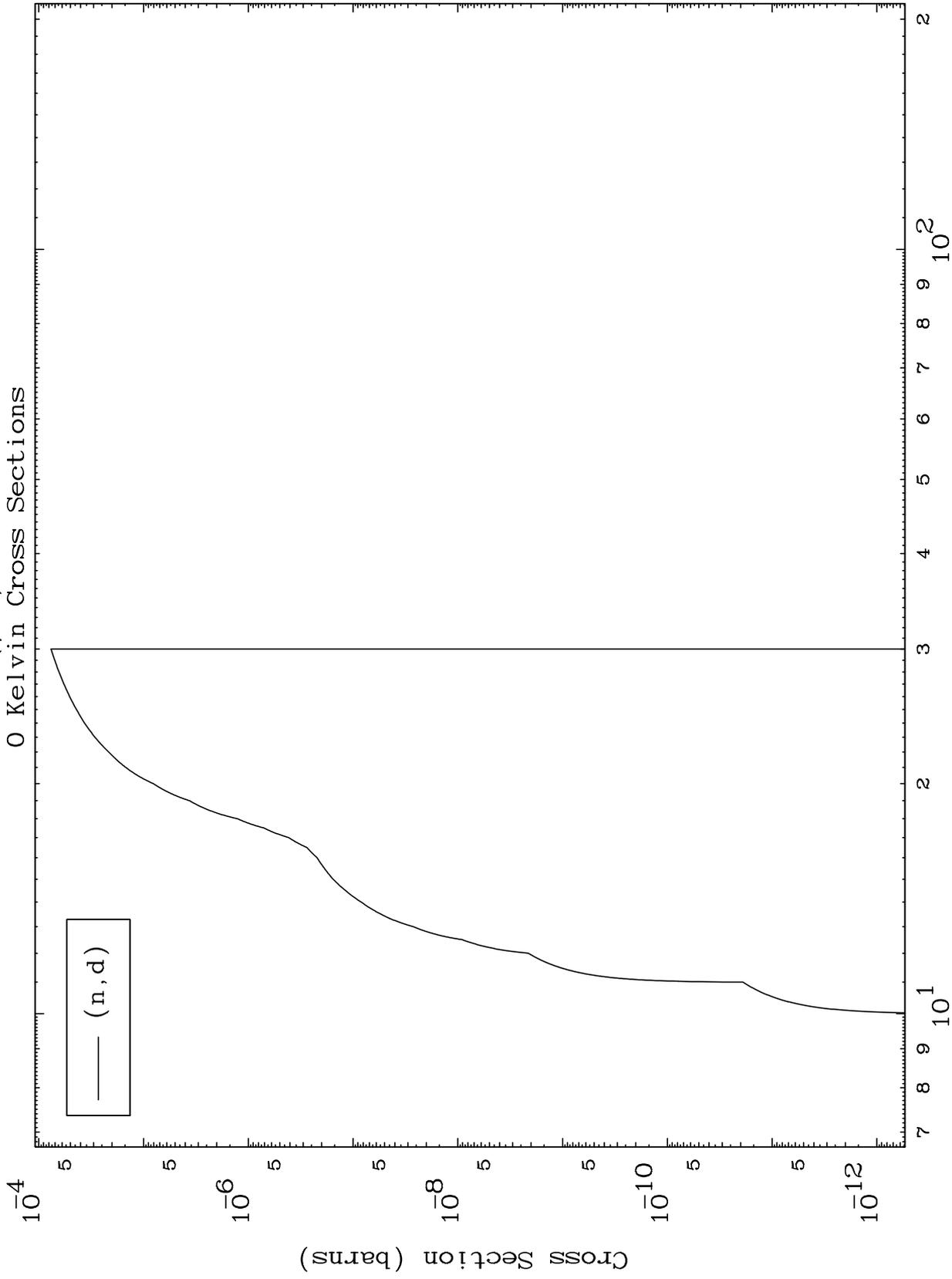
Incident Energy (MeV)

⁷⁷Ir-176

MAT 7680

(γ, d) Levels

⁷⁷Ir-176



9

Incident Energy (MeV)

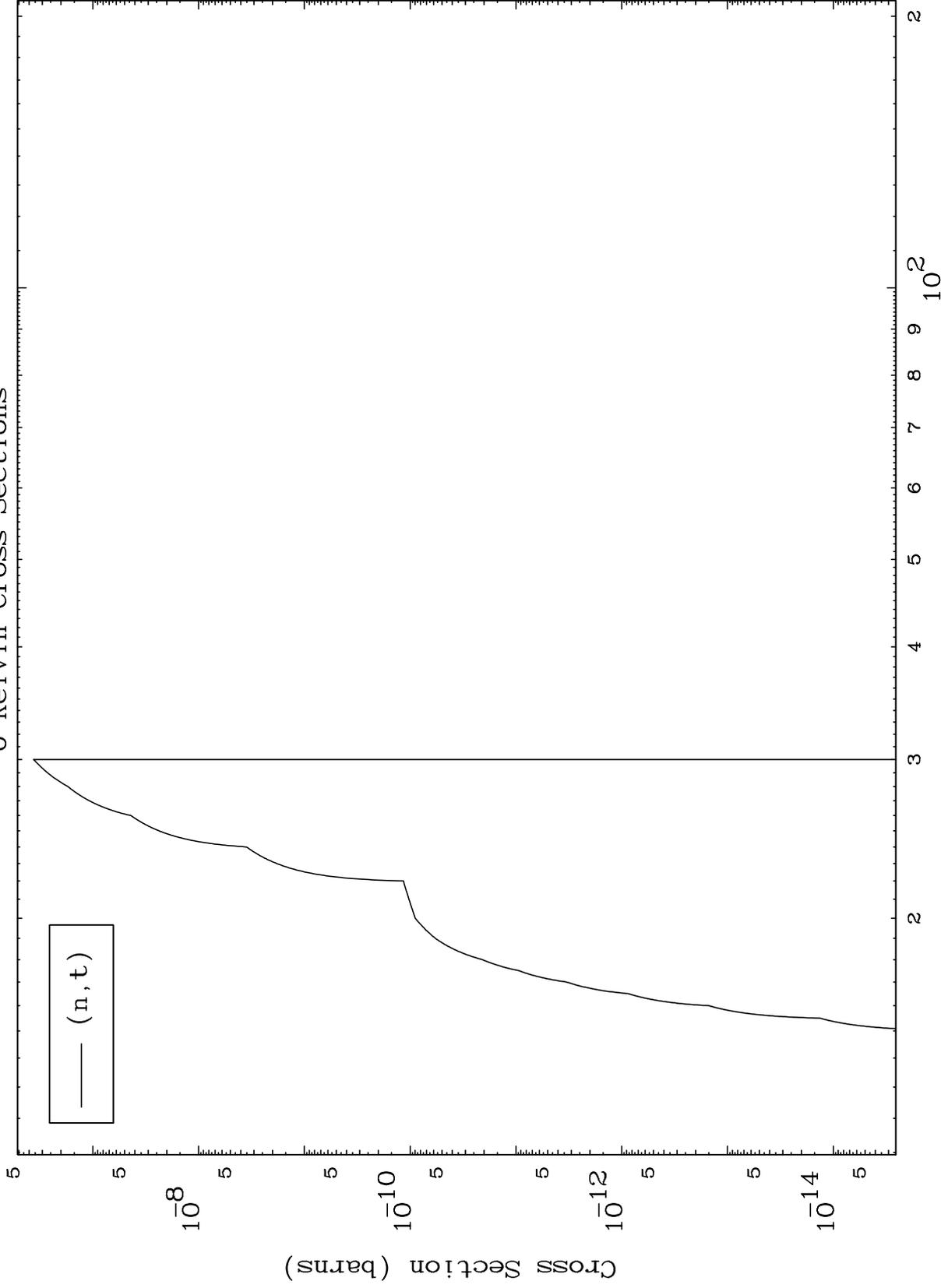
⁷⁷Ir-176

MAT 7680

(γ, t) Levels

⁷⁷Ir-176

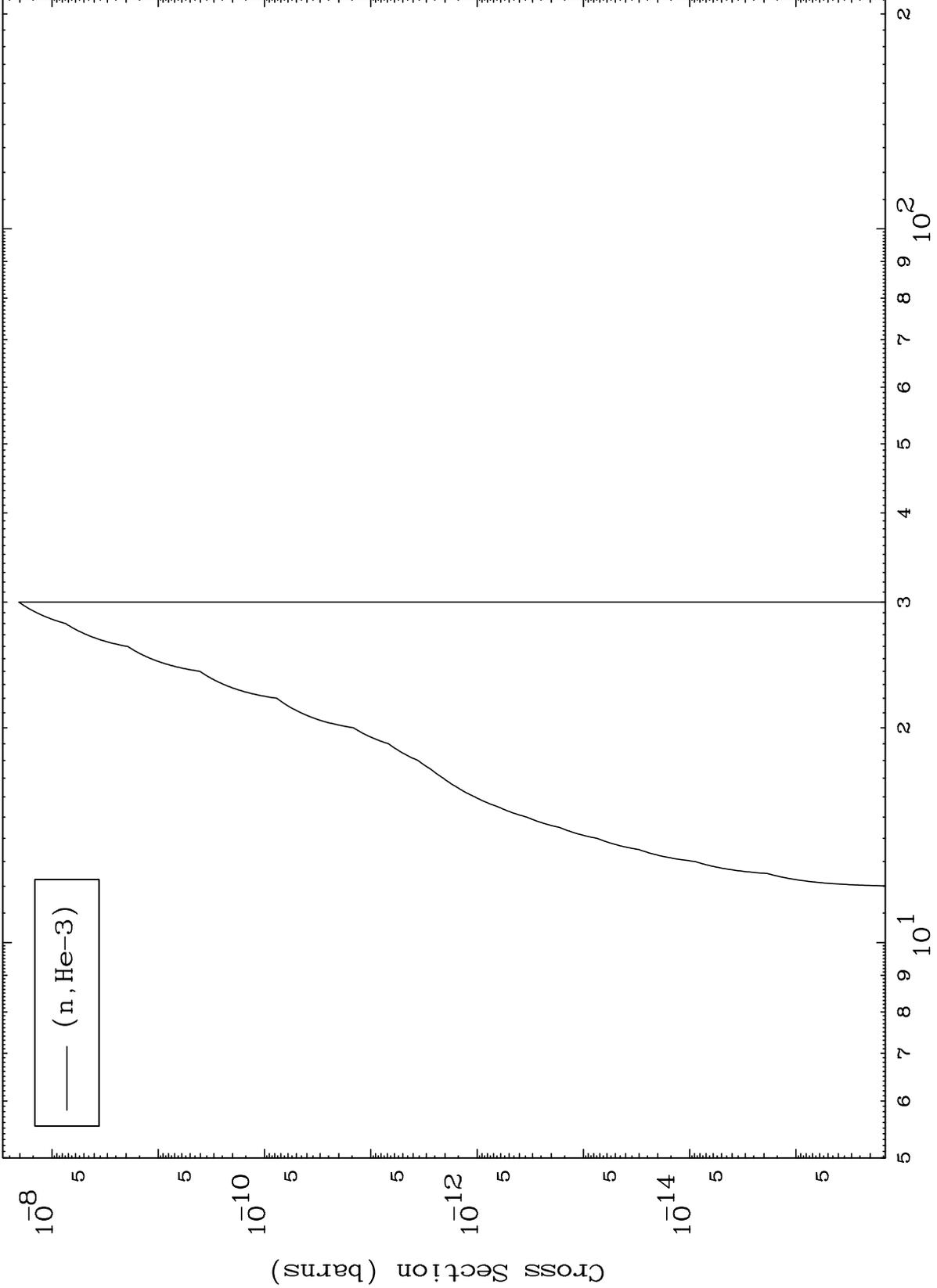
0 Kelvin Cross Sections



10

Incident Energy (MeV)

⁷⁷Ir-176

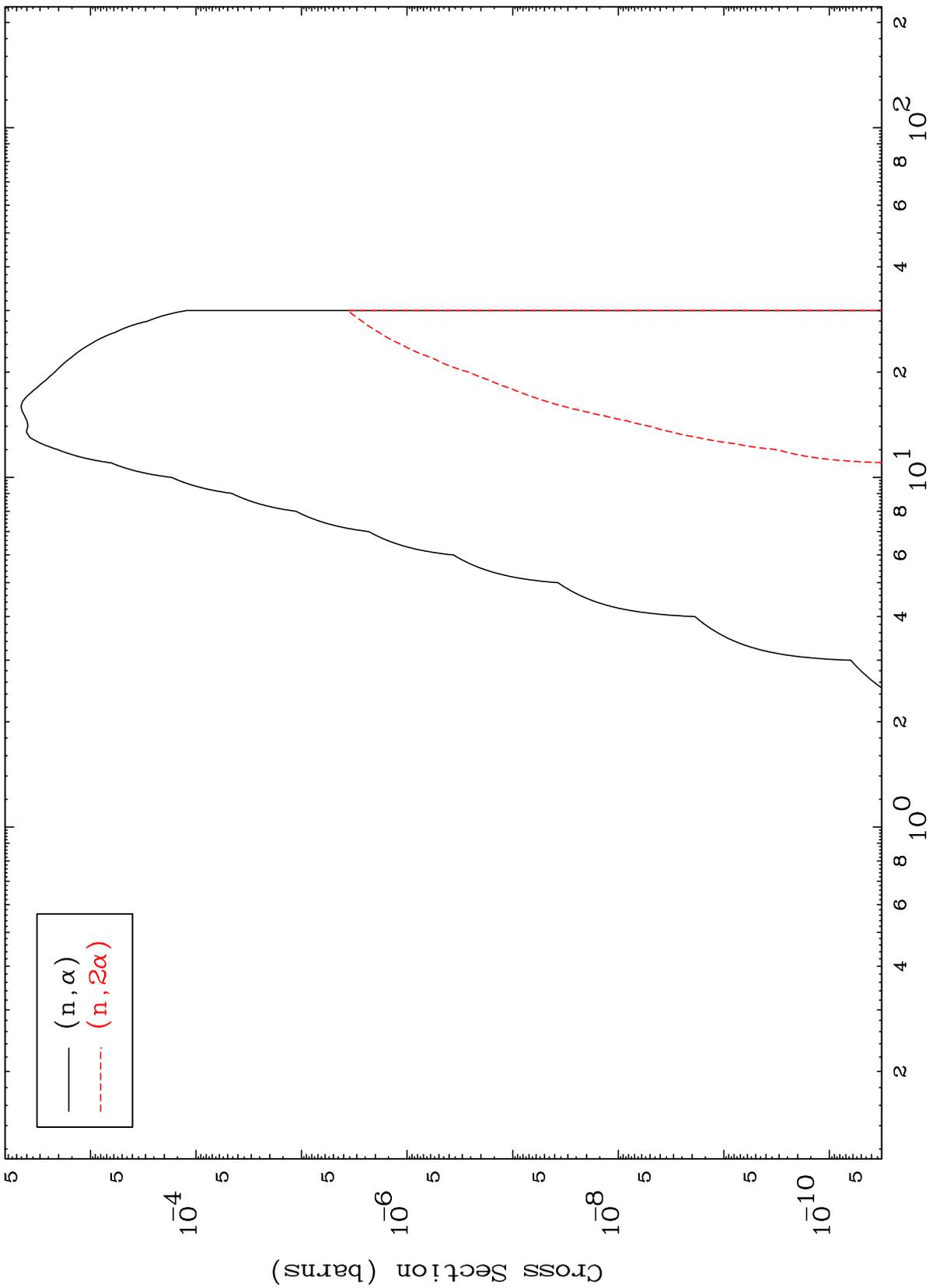


MAT 7680

(γ, α) Levels

$^{77}\text{Ir-176}$

0 Kelvin Cross Sections



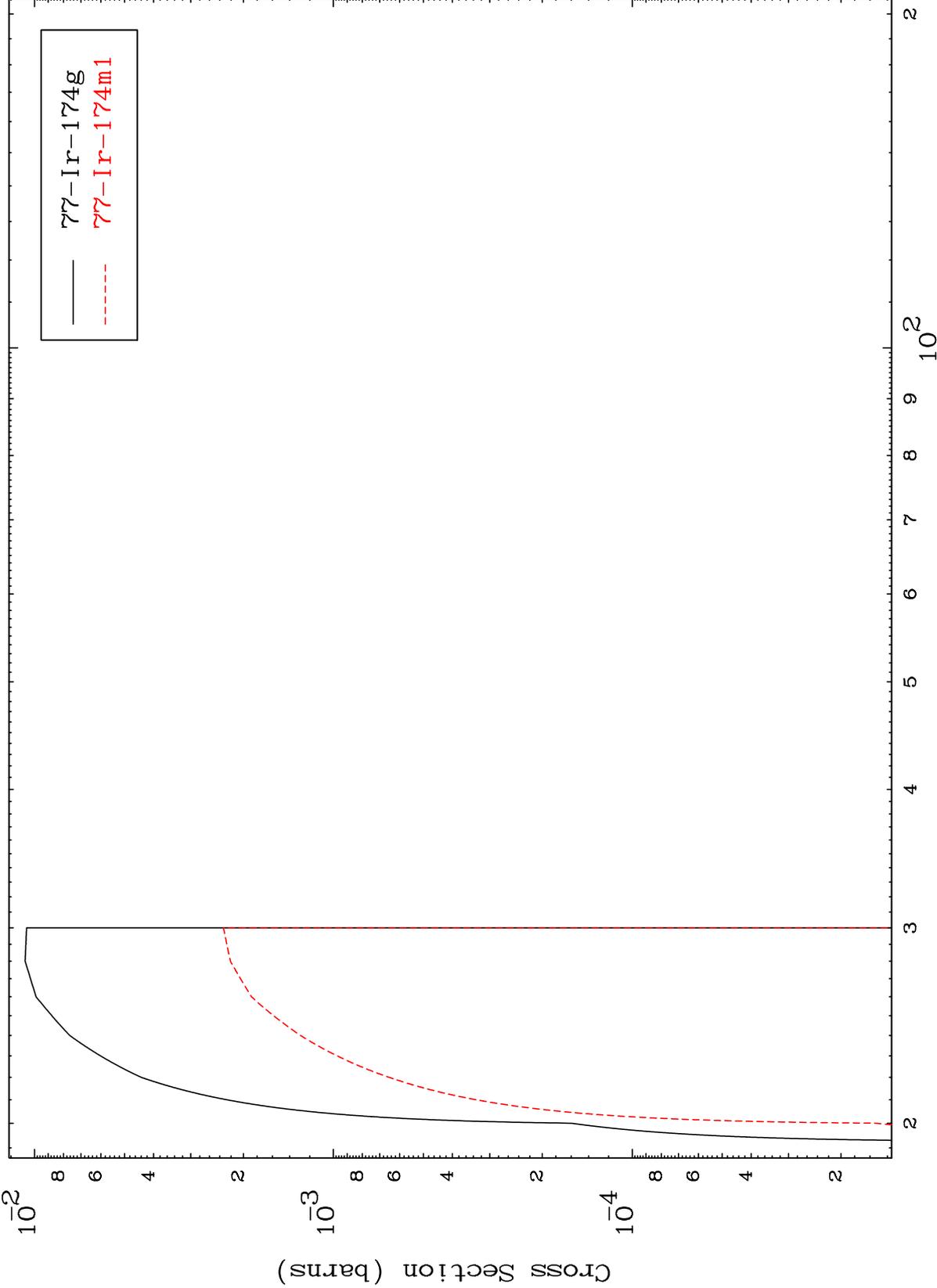
— (n, α)
- - - ($n, 2\alpha$)

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(n,2n)

⁷⁷Ir-176

Radionuclide Production Cross Section

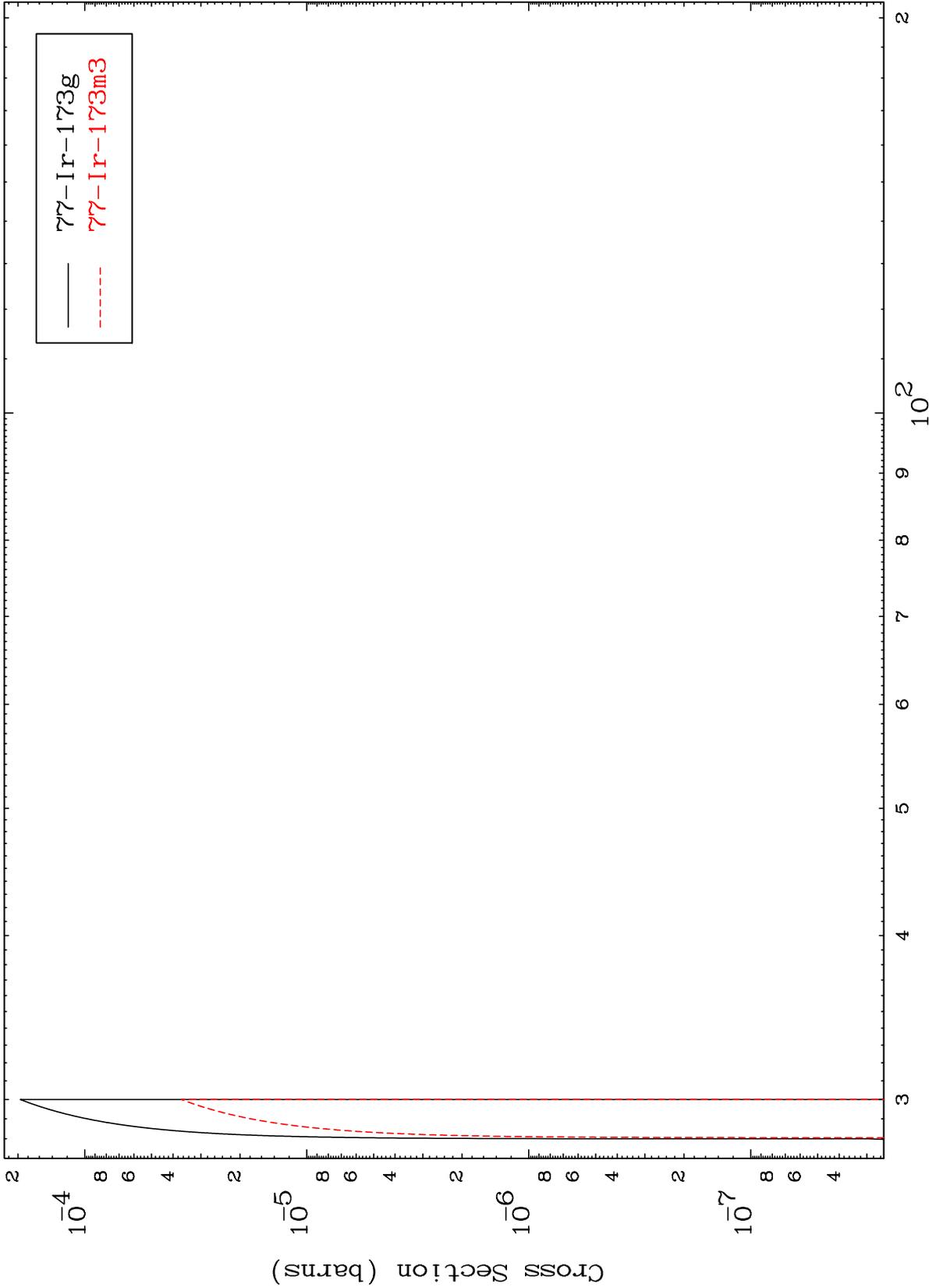


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(n,3n)

⁷⁷Ir-176

Radionuclide Production Cross Section



14

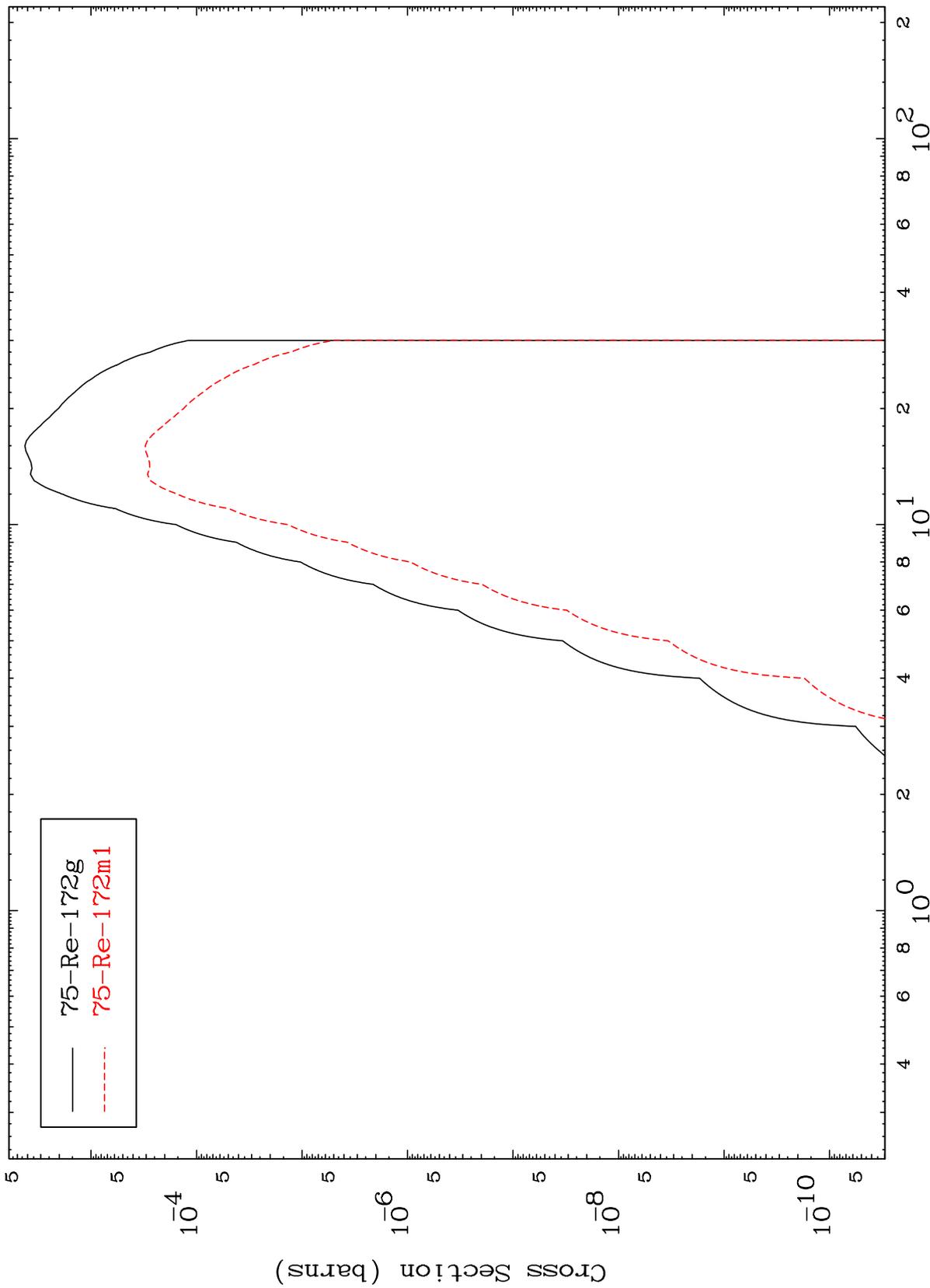
Incident Energy (MeV)

⁷⁷Ir-176

MAT 7680

⁷⁷Ir-176

(n,α)
Radionuclide Production Cross Section



— 75-Re-172g
- - - 75-Re-172m1

⁷⁷Ir-176

Incident Energy (MeV)

15

Radionuclide Production Cross Section

