

Program EVALPLOT
(Version 2021-1)

by

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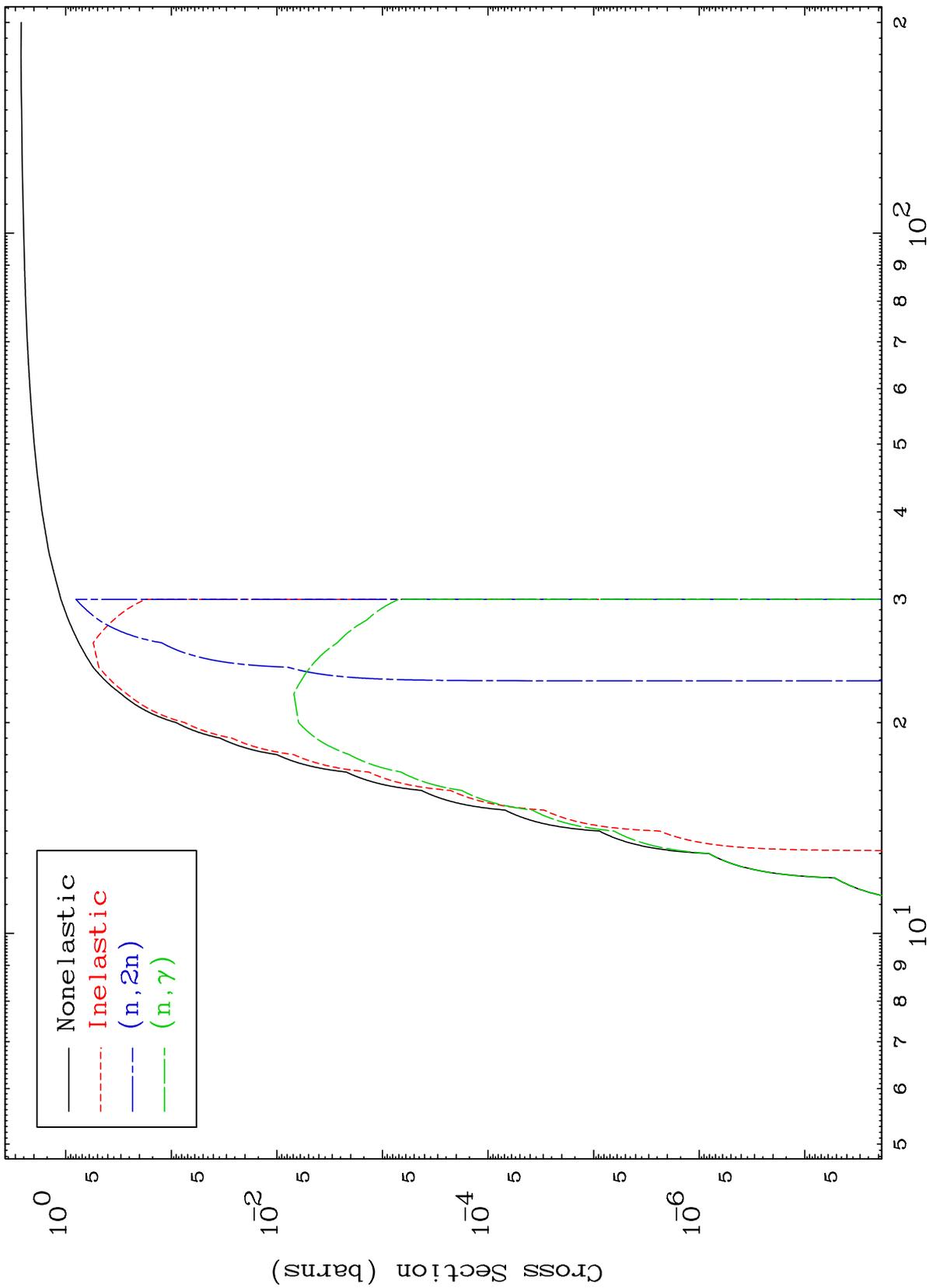
Press Mouse Button to Start

MAT 7698

0 Kelvin

α Major Cross Sections

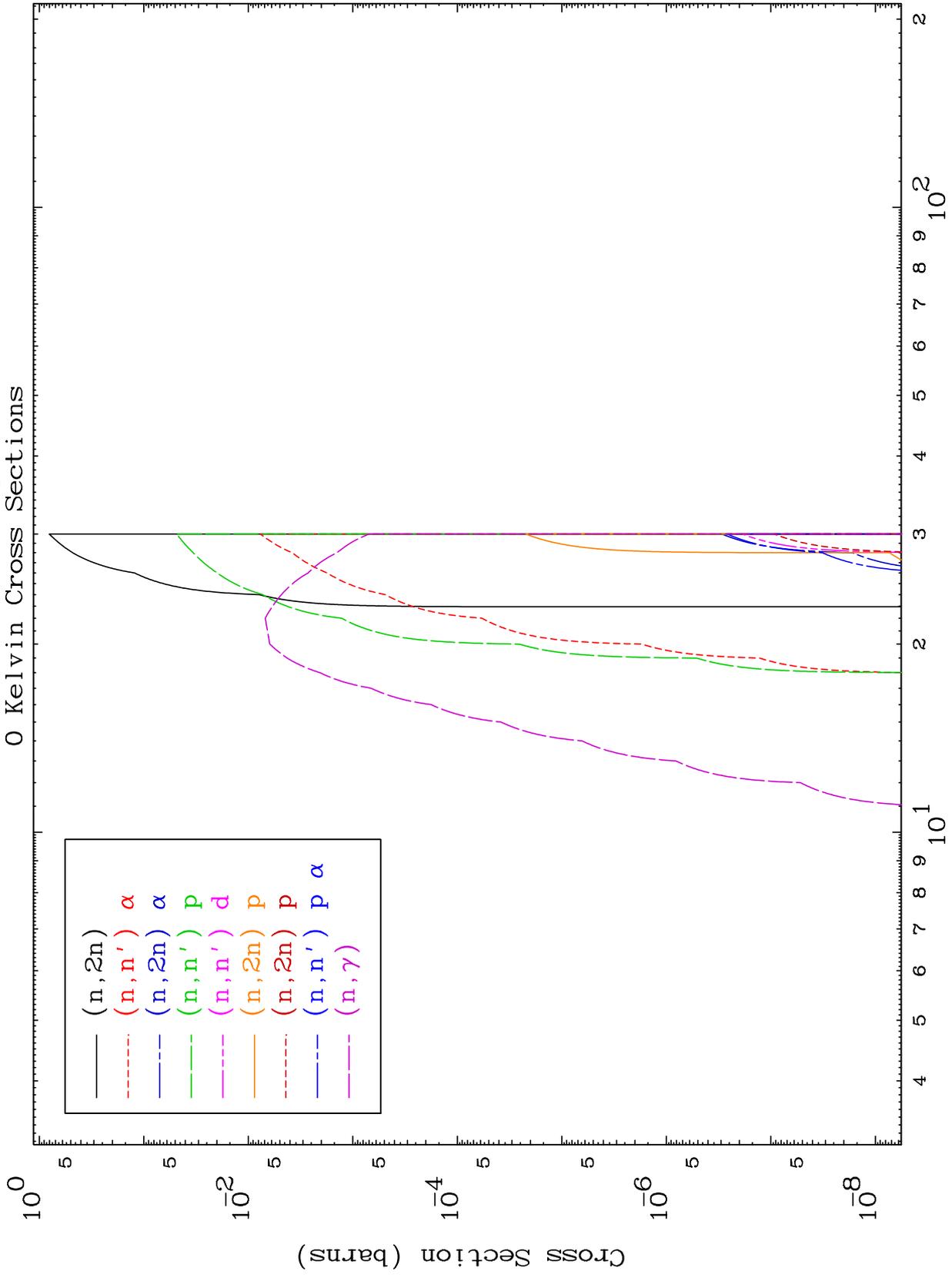
⁷⁷Ir-182



1

Incident Energy (MeV)

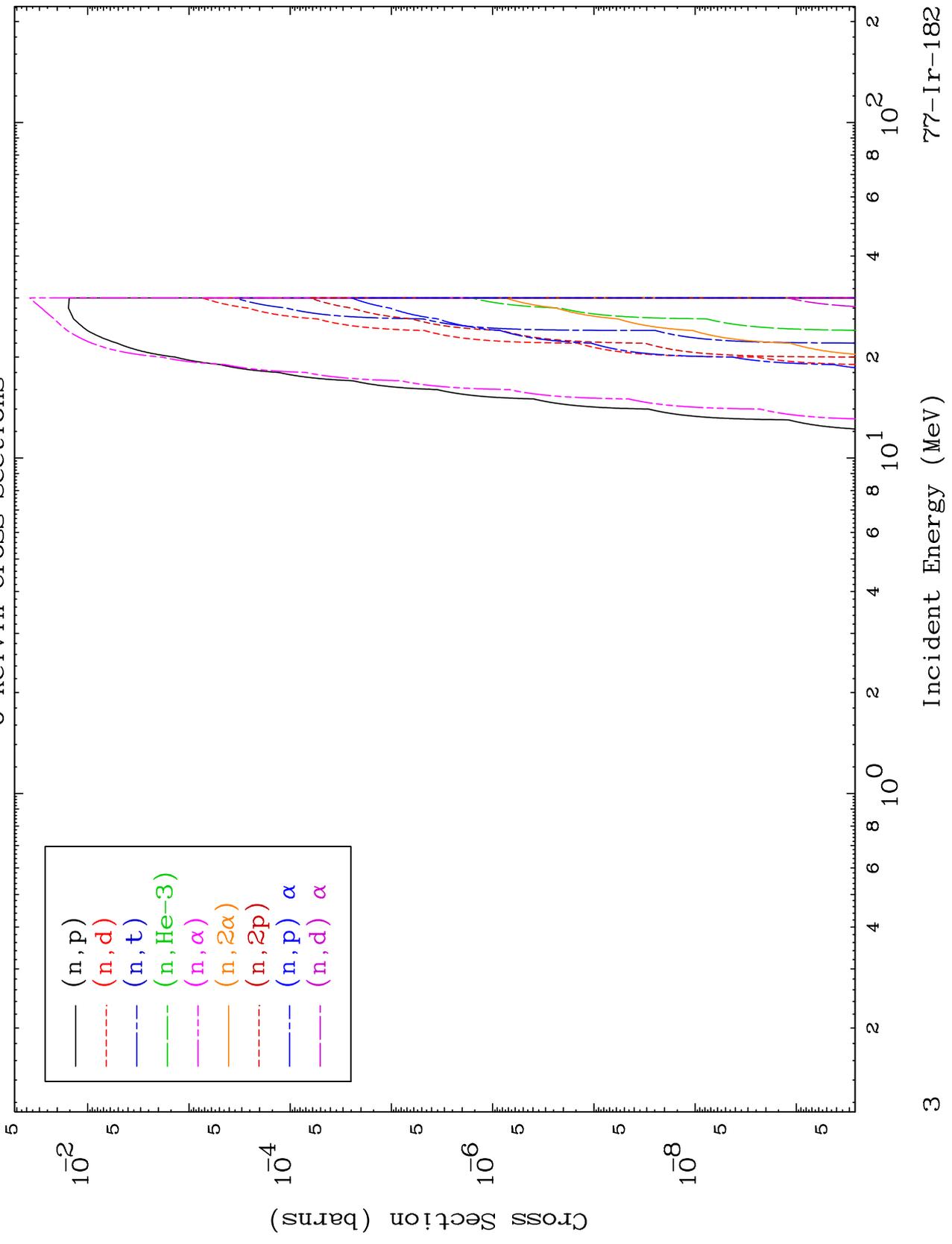
⁷⁷Ir-182

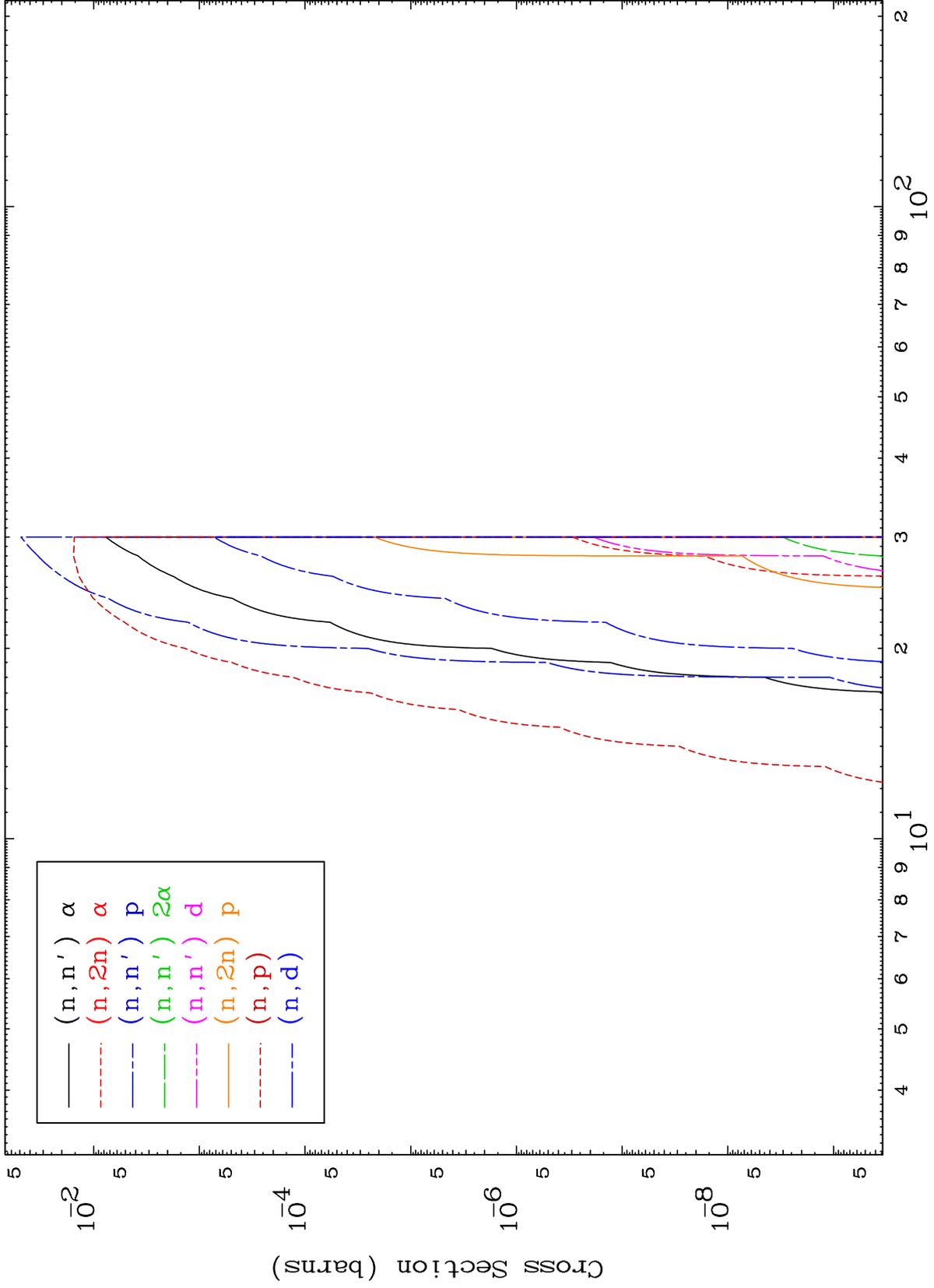


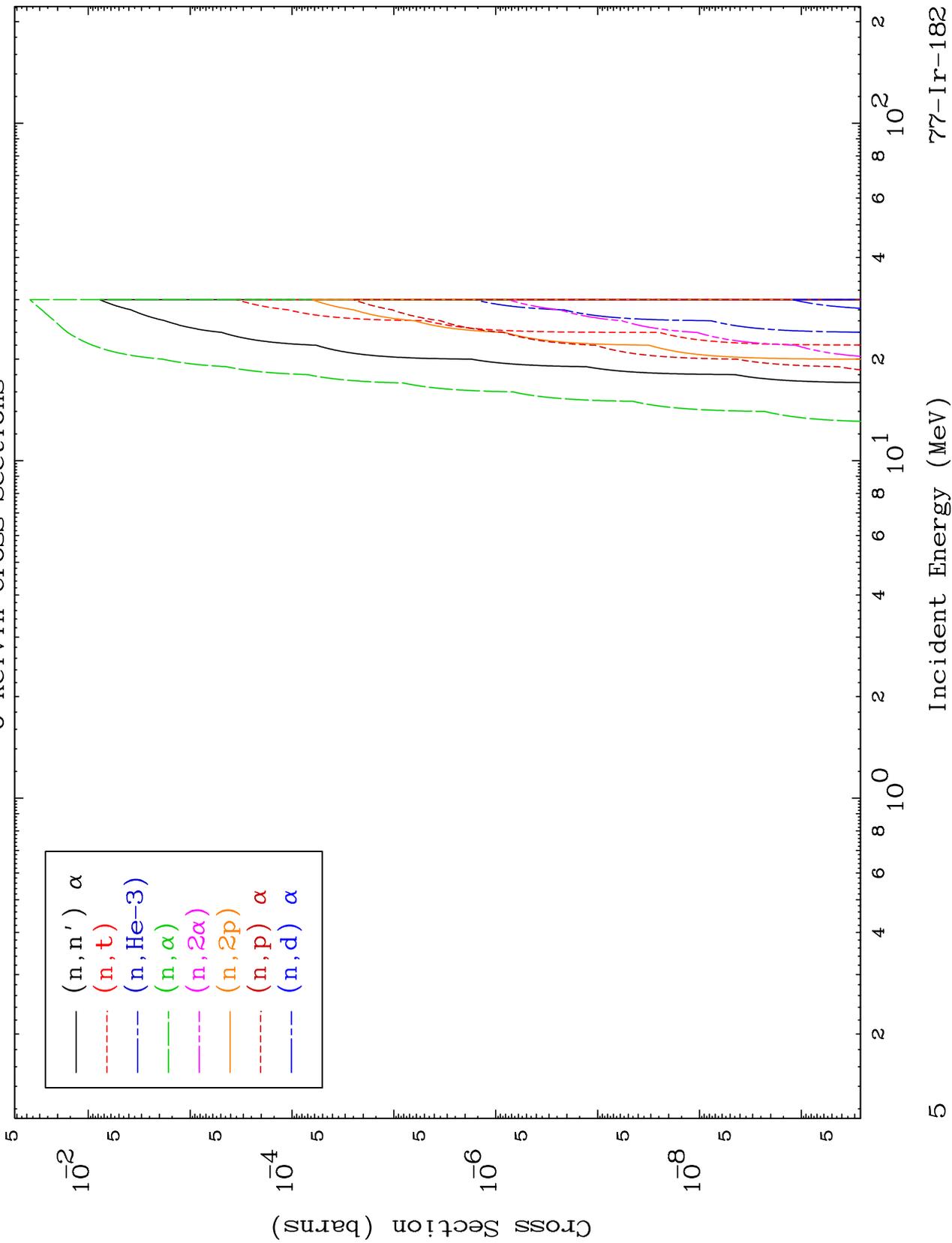
MAT 7698

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-182



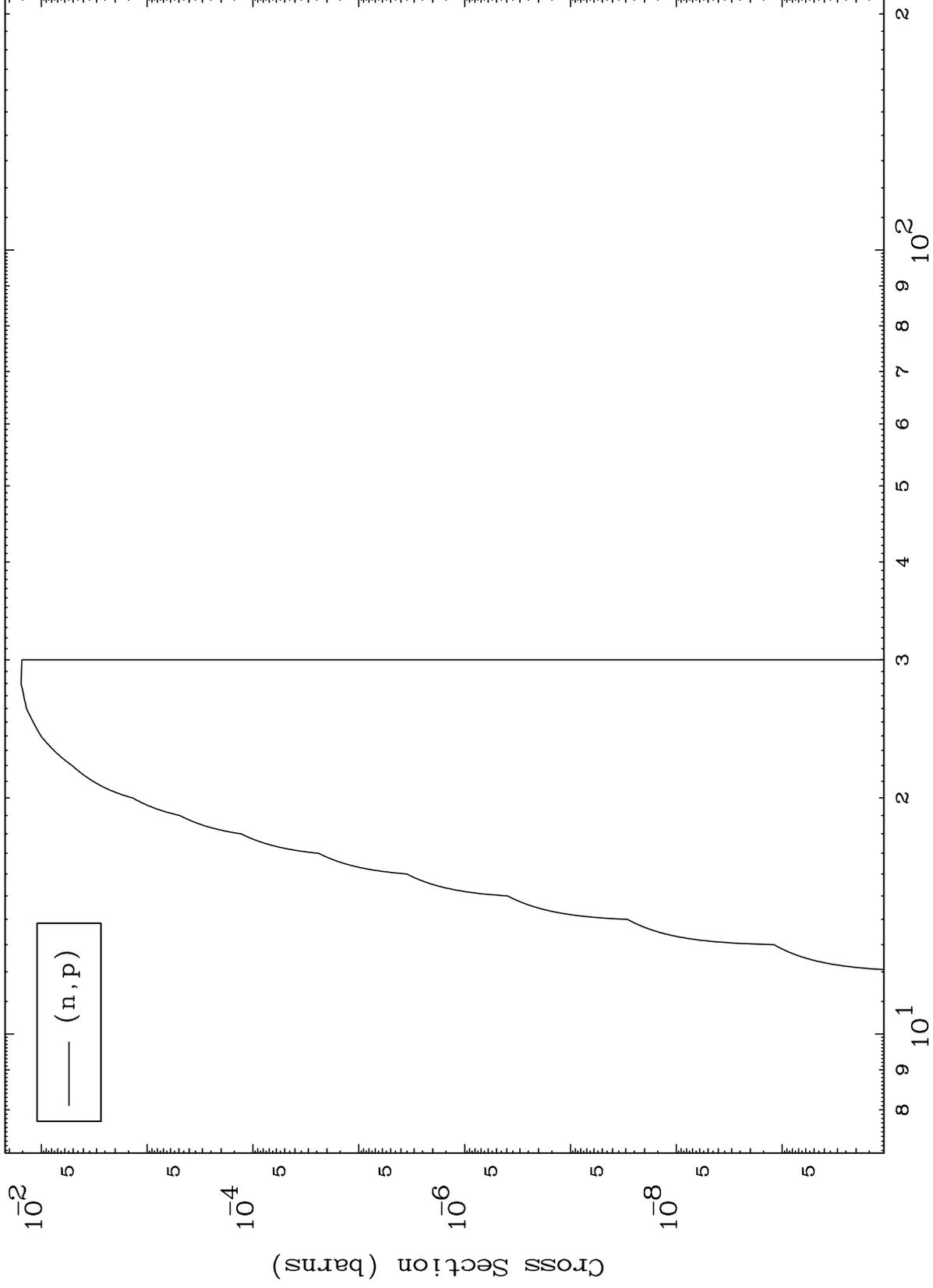




MAT 7698

(α, p) Levels
0 Kelvin Cross Sections

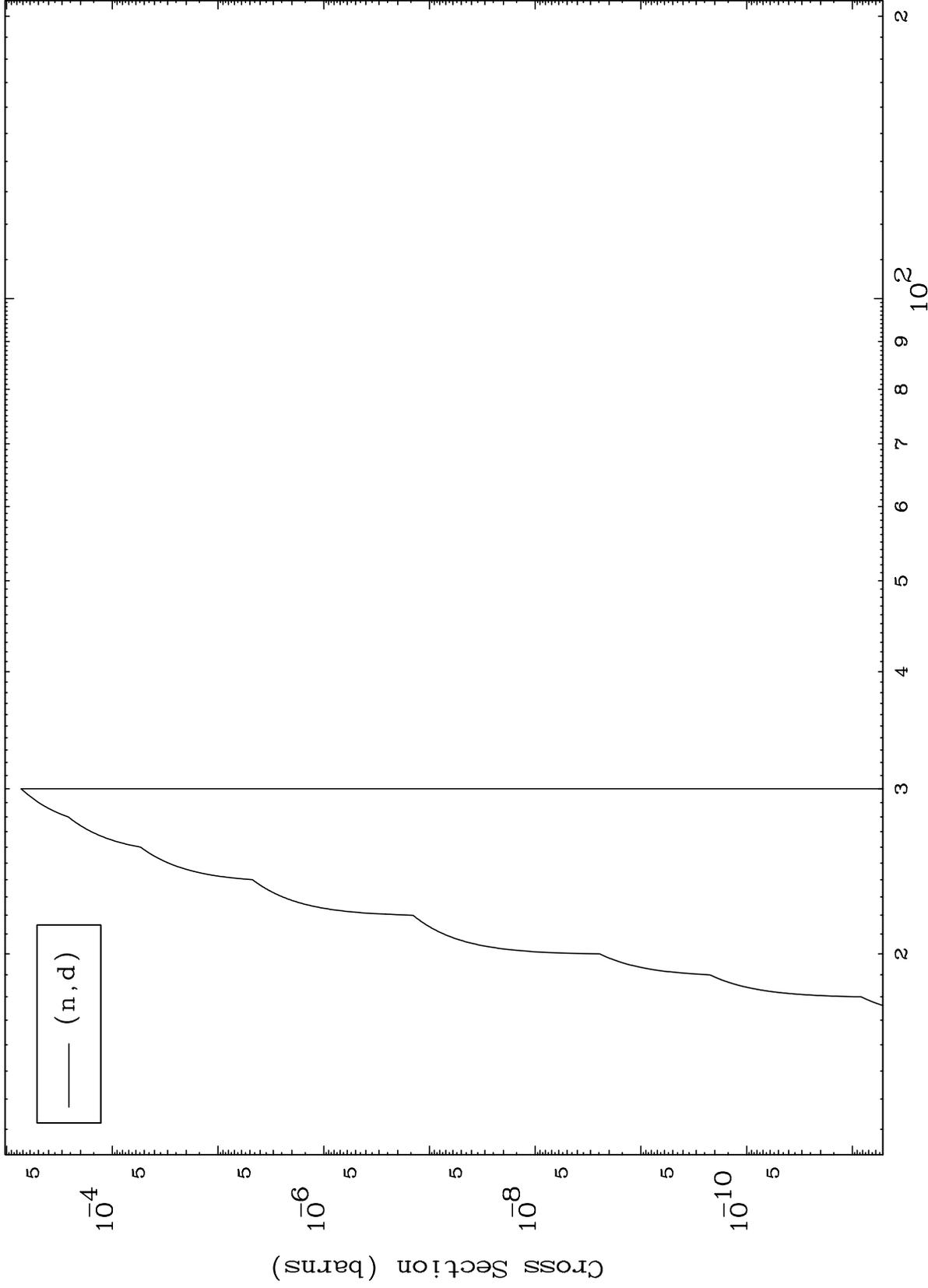
⁷⁷Ir-182

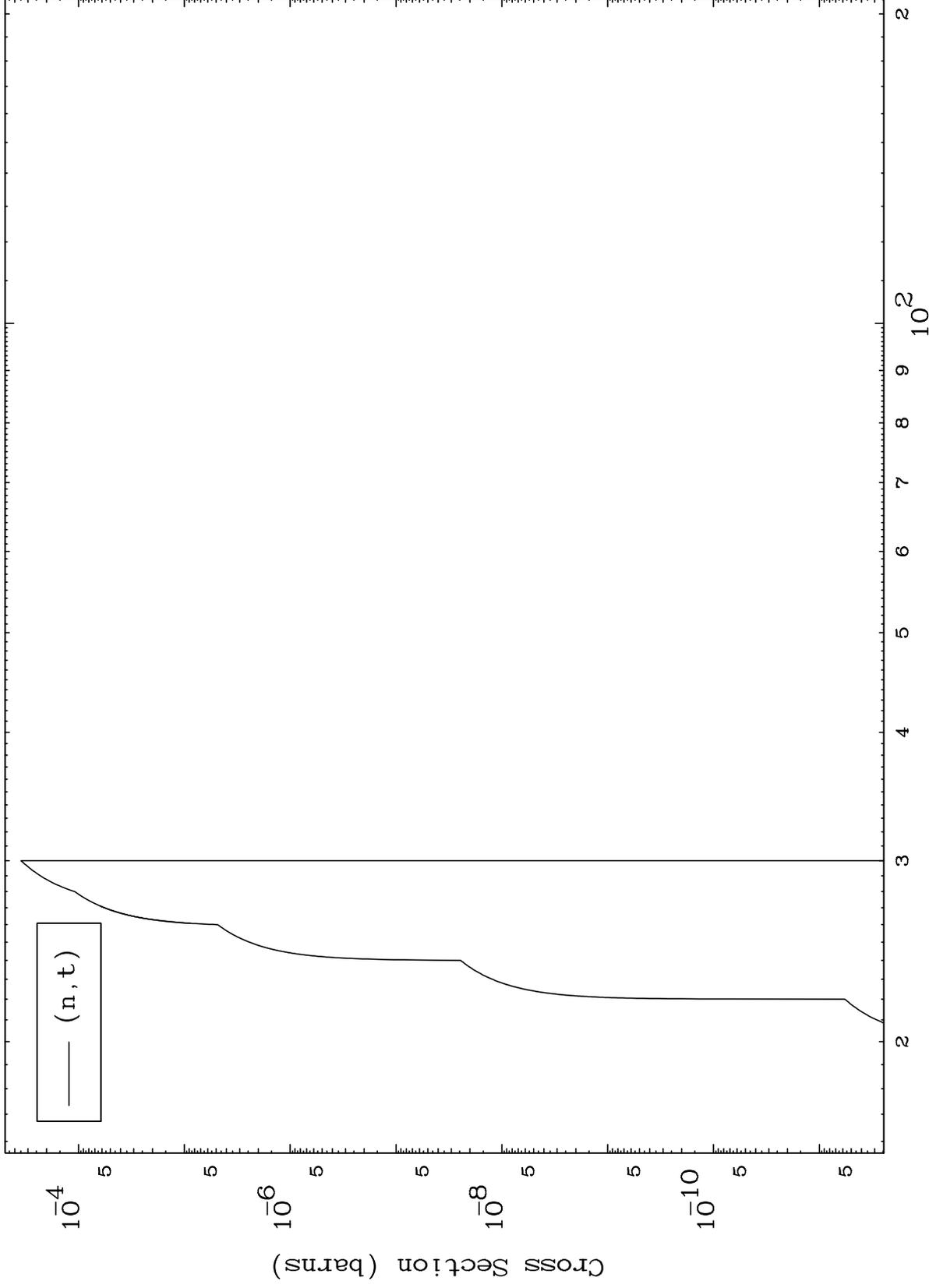


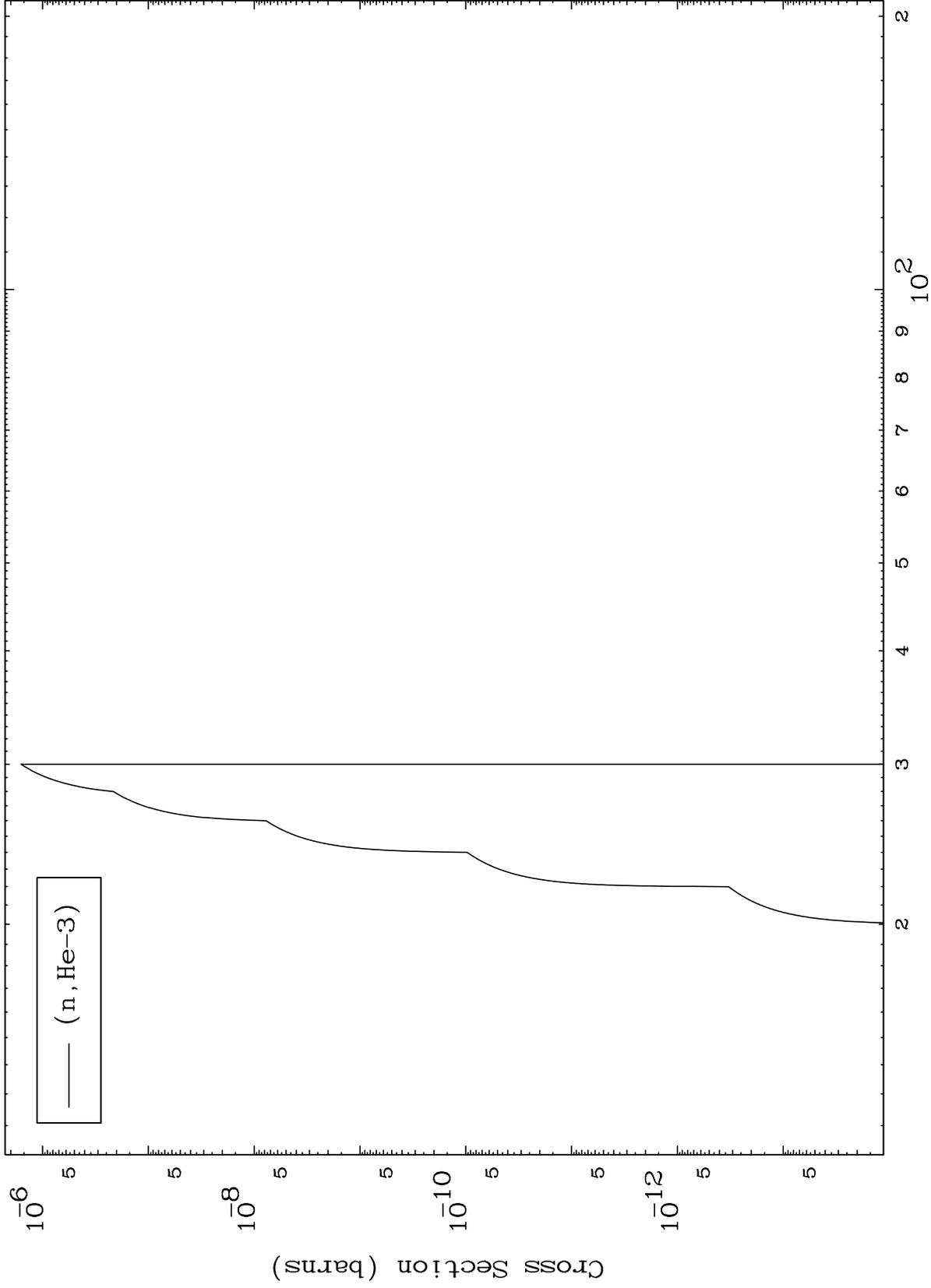
6

Incident Energy (MeV)

⁷⁷Ir-182





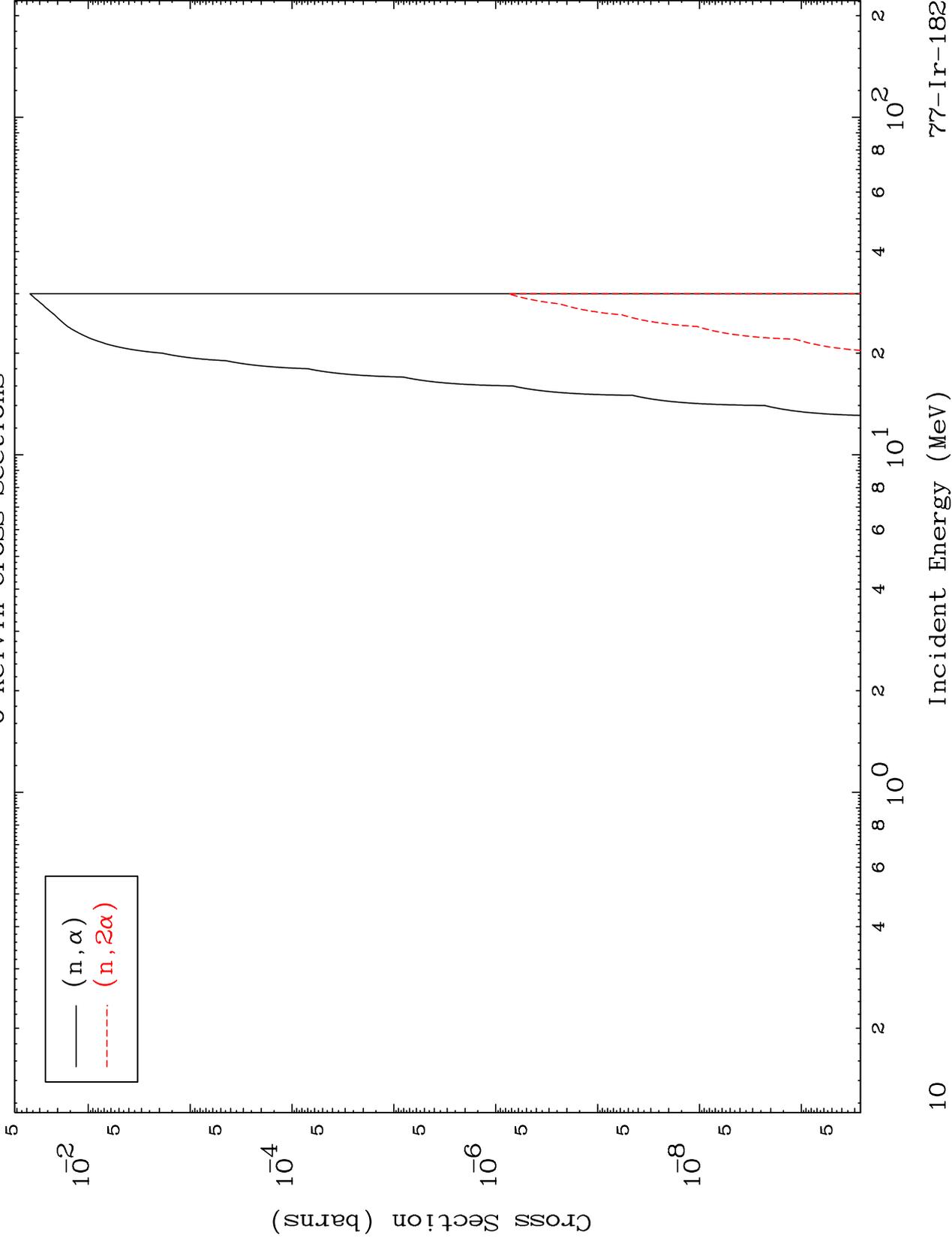


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(α, α) Levels

⁷⁷Ir-182

0 Kelvin Cross Sections

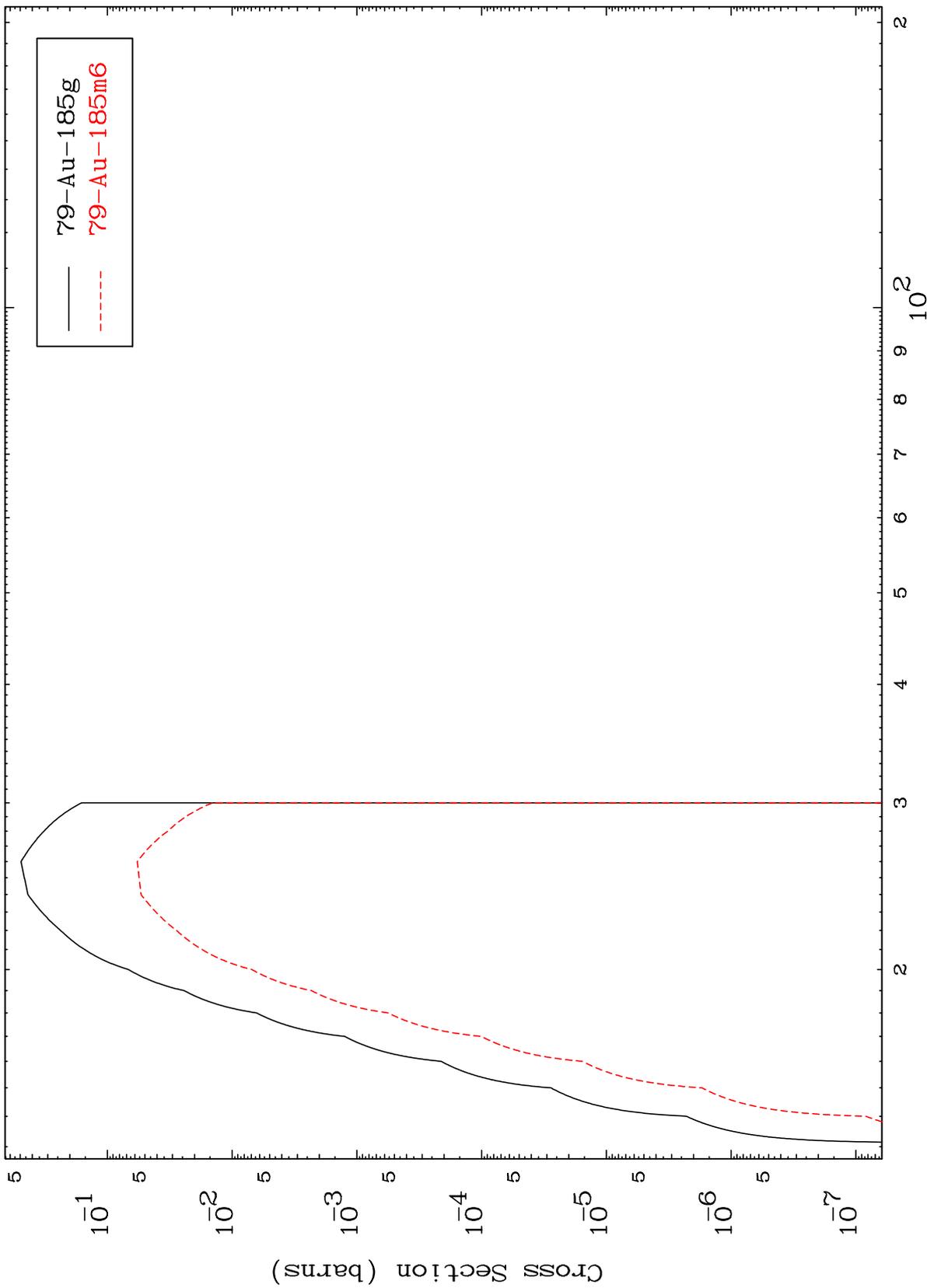


10

Incident Energy (MeV)

⁷⁷Ir-182

Inelastic
Radionuclide Production Cross Section

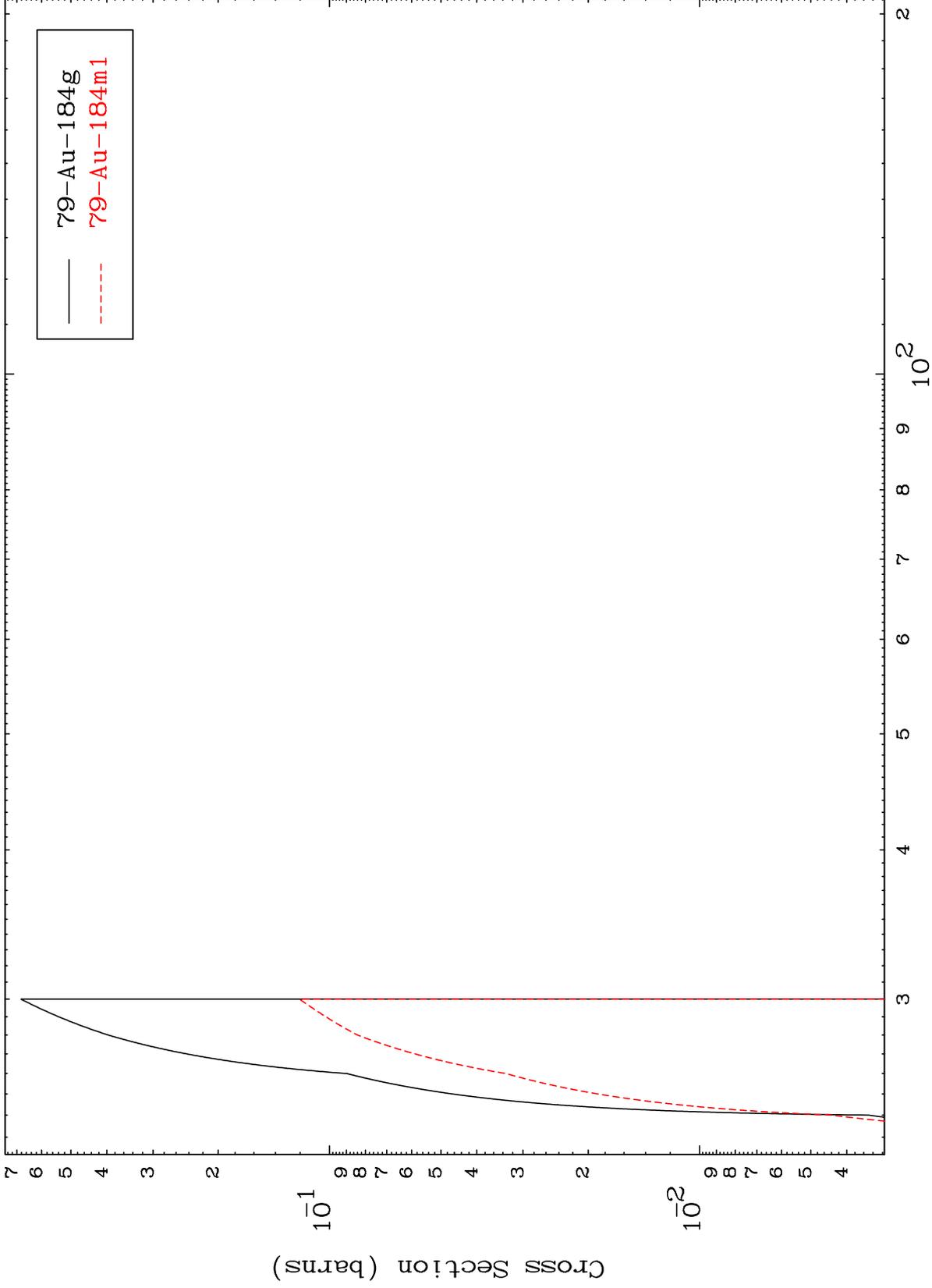


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(n,2n)

⁷⁷Ir-182

Radionuclide Production Cross Section



12

Incident Energy (MeV)

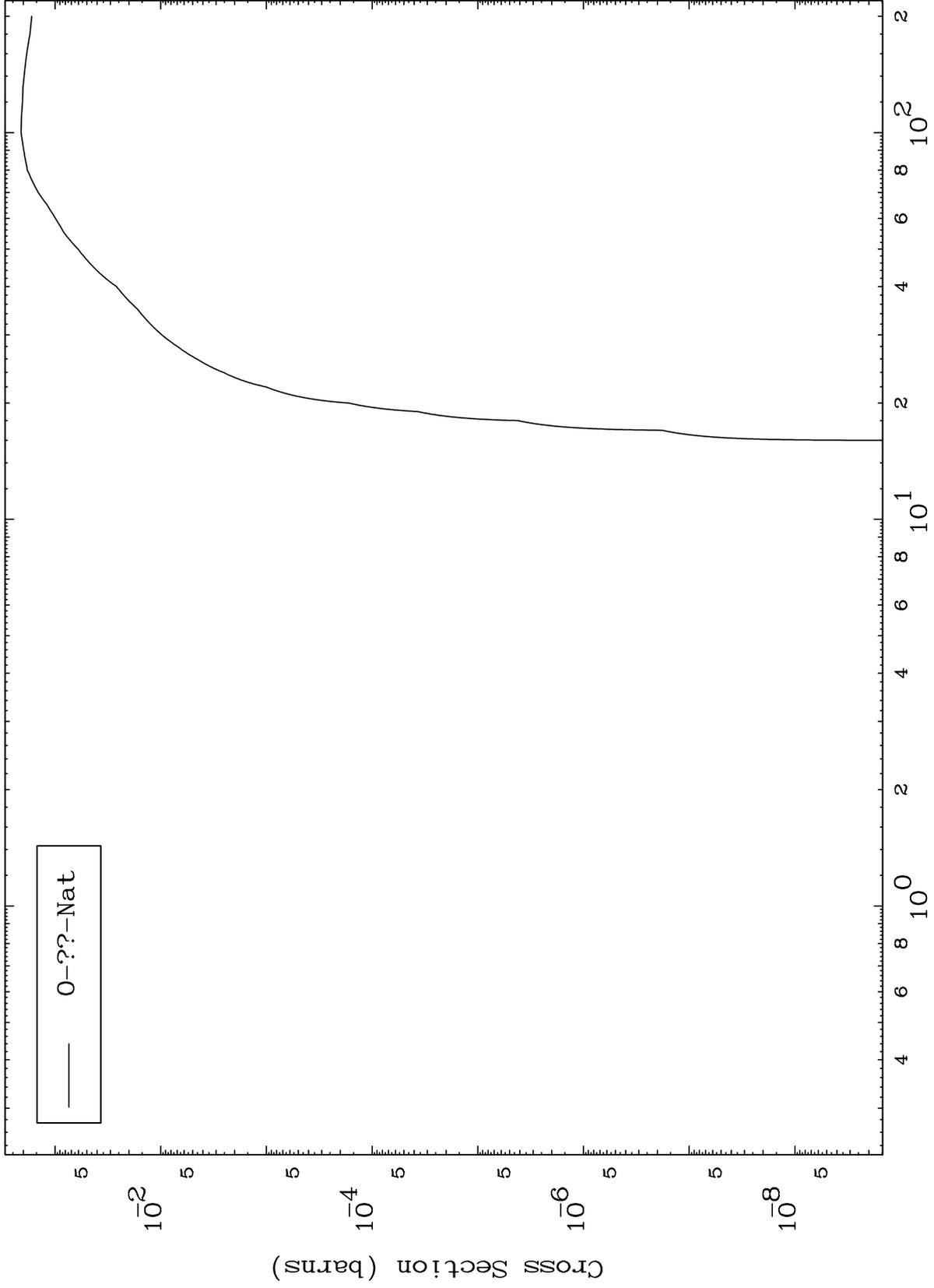
⁷⁷Ir-182

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Fission

⁷⁷Ir-182

Radionuclide Production Cross Section

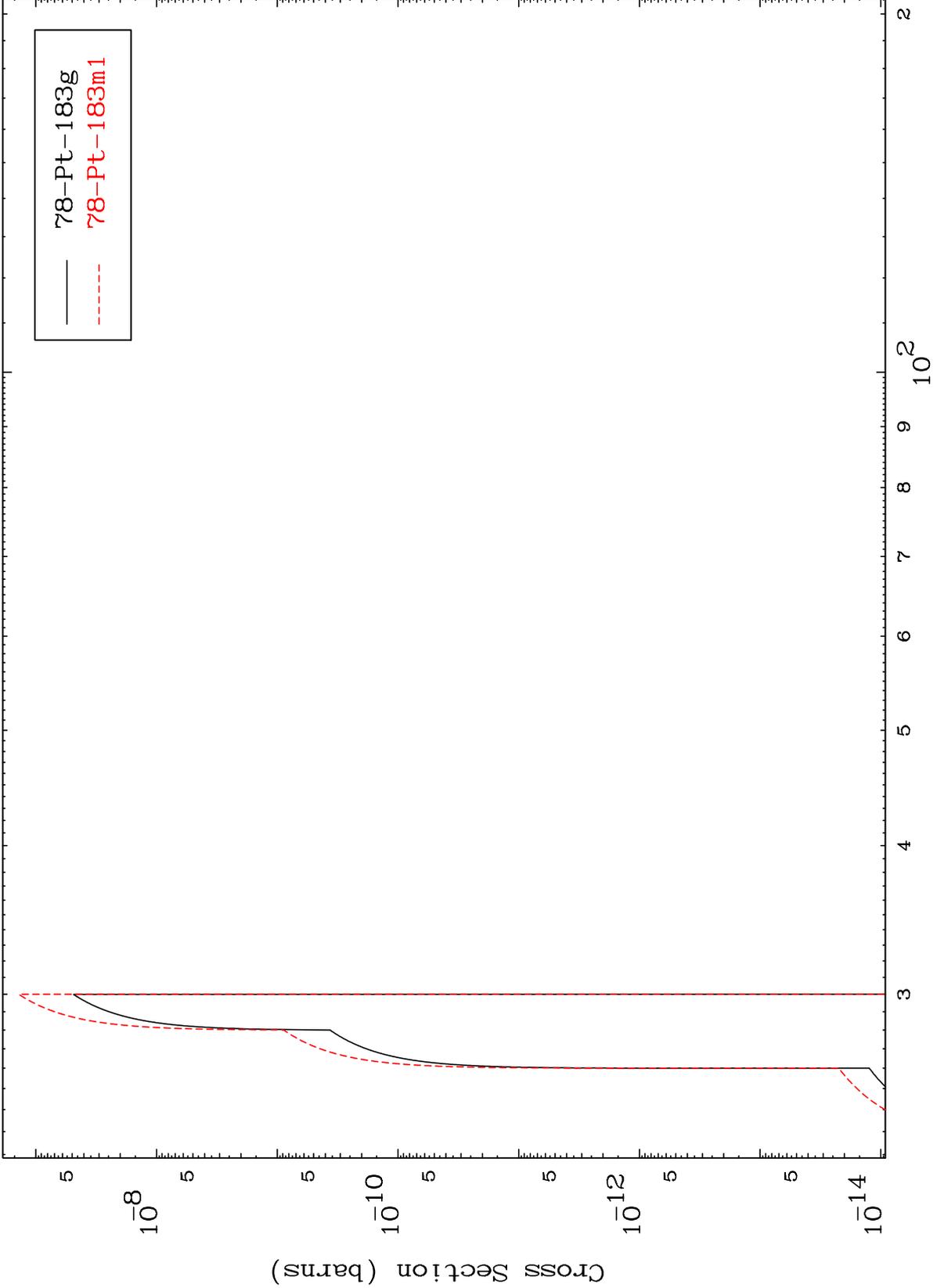


MAT 7698

(n,n') d

77-Ir-182

Radionuclide Production Cross Section



14

Incident Energy (MeV)

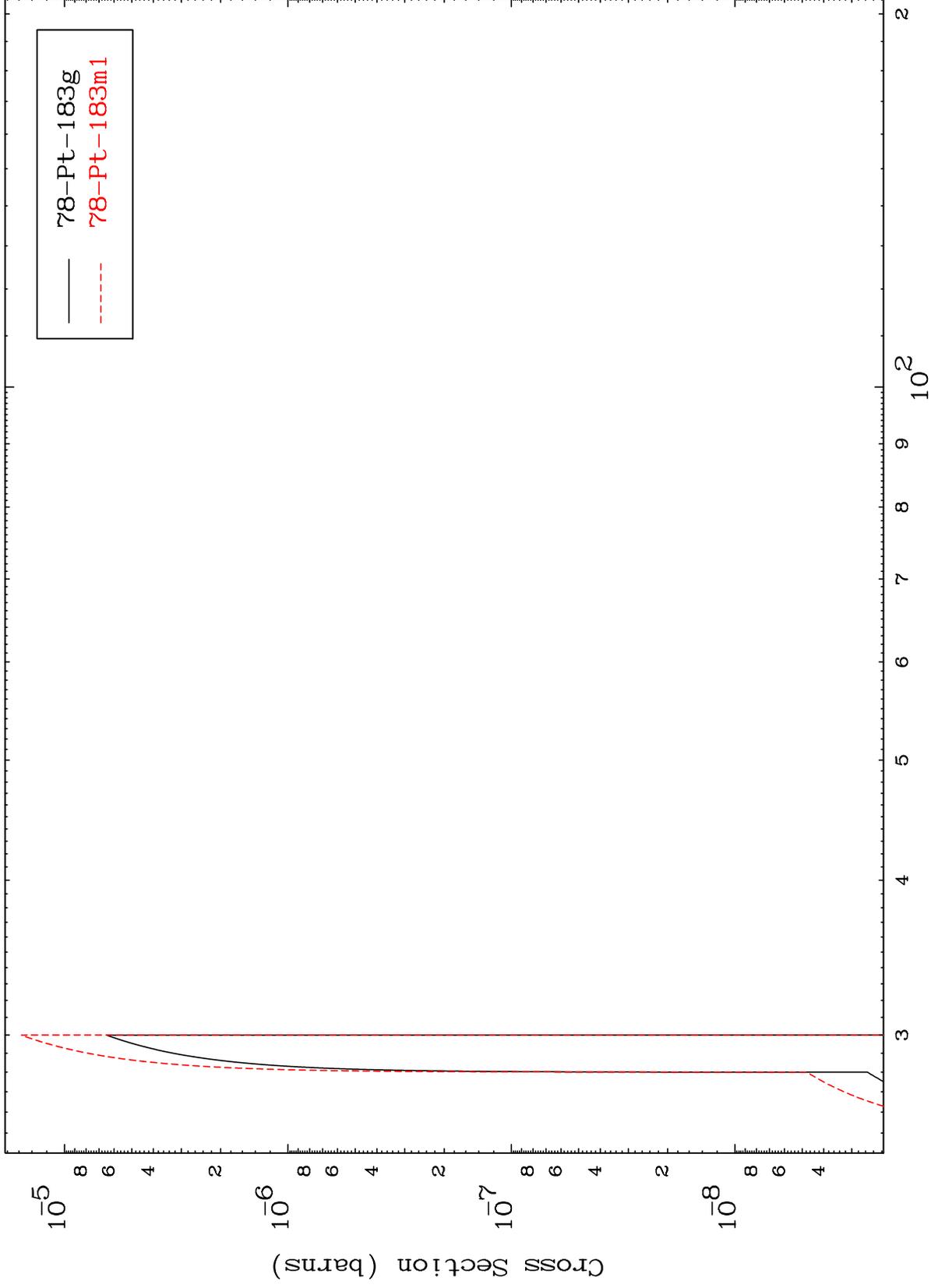
77-Ir-182

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(n,2n) p

77-Ir-182

Radionuclide Production Cross Section



15

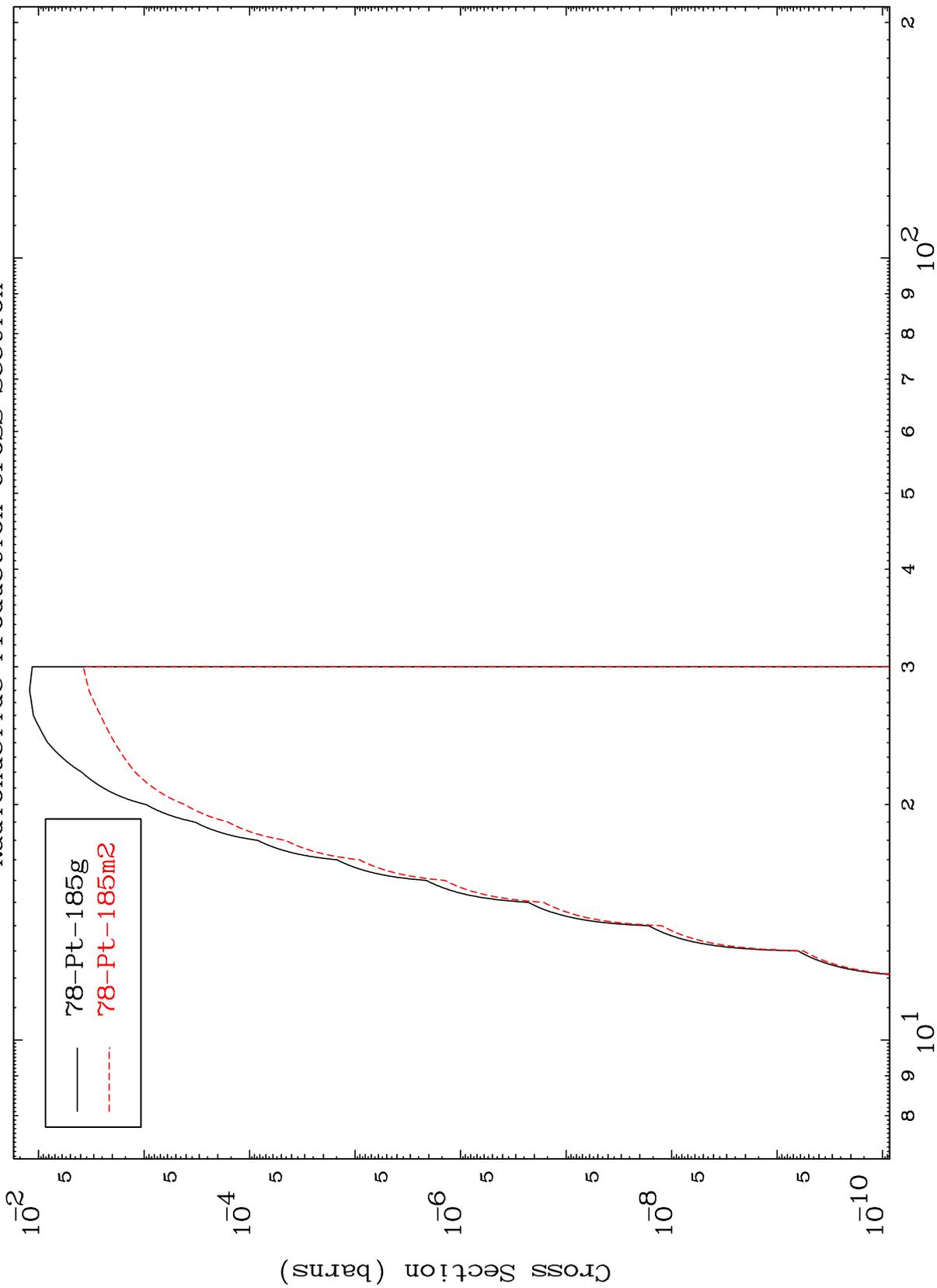
Incident Energy (MeV)

77-Ir-182

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⁷⁷Ir-182

Radionuclide Production Cross Section (n,p)



16

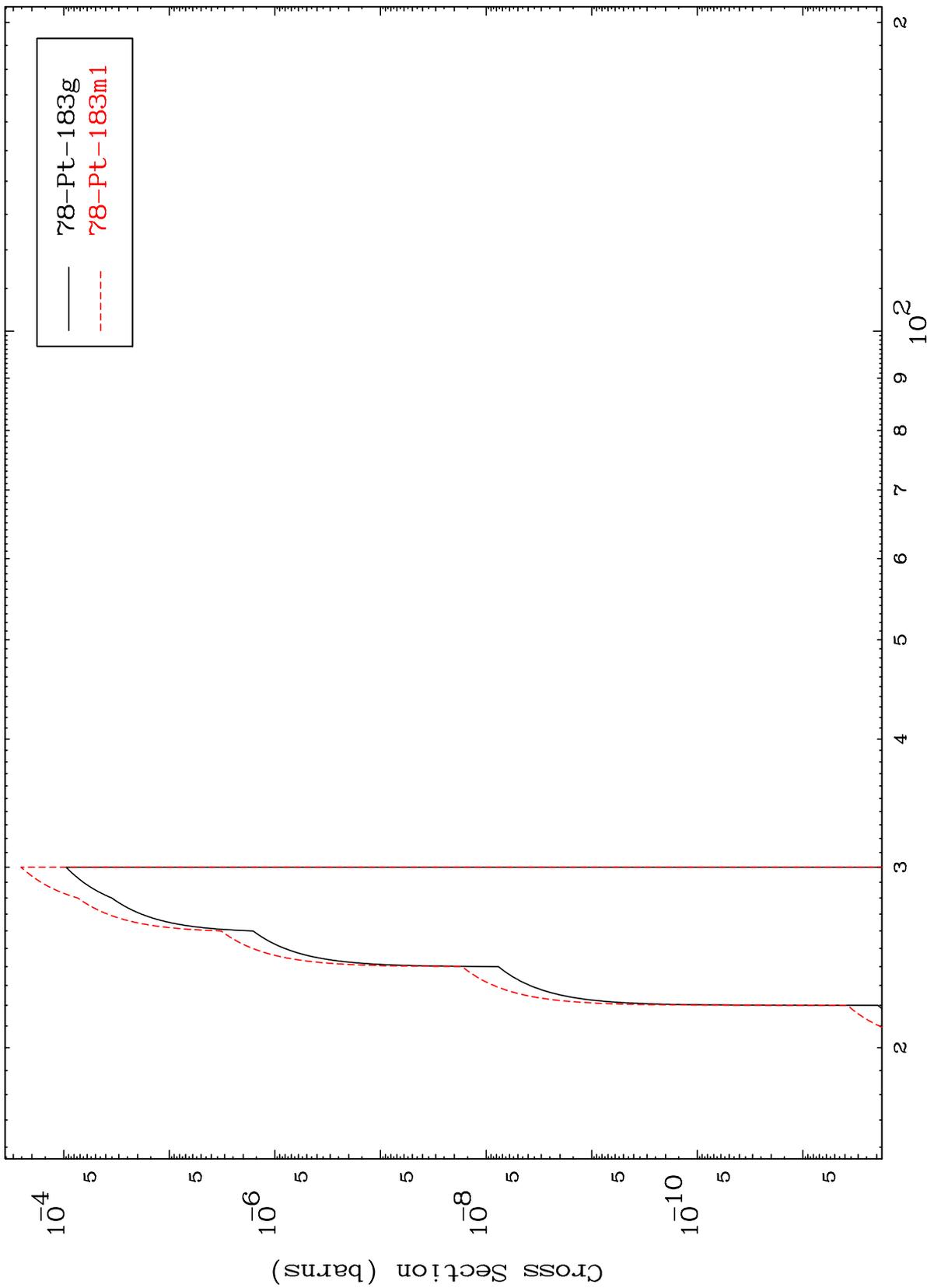
Incident Energy (MeV)

⁷⁷Ir-182

MAT 7698

77-Ir-182

(n, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

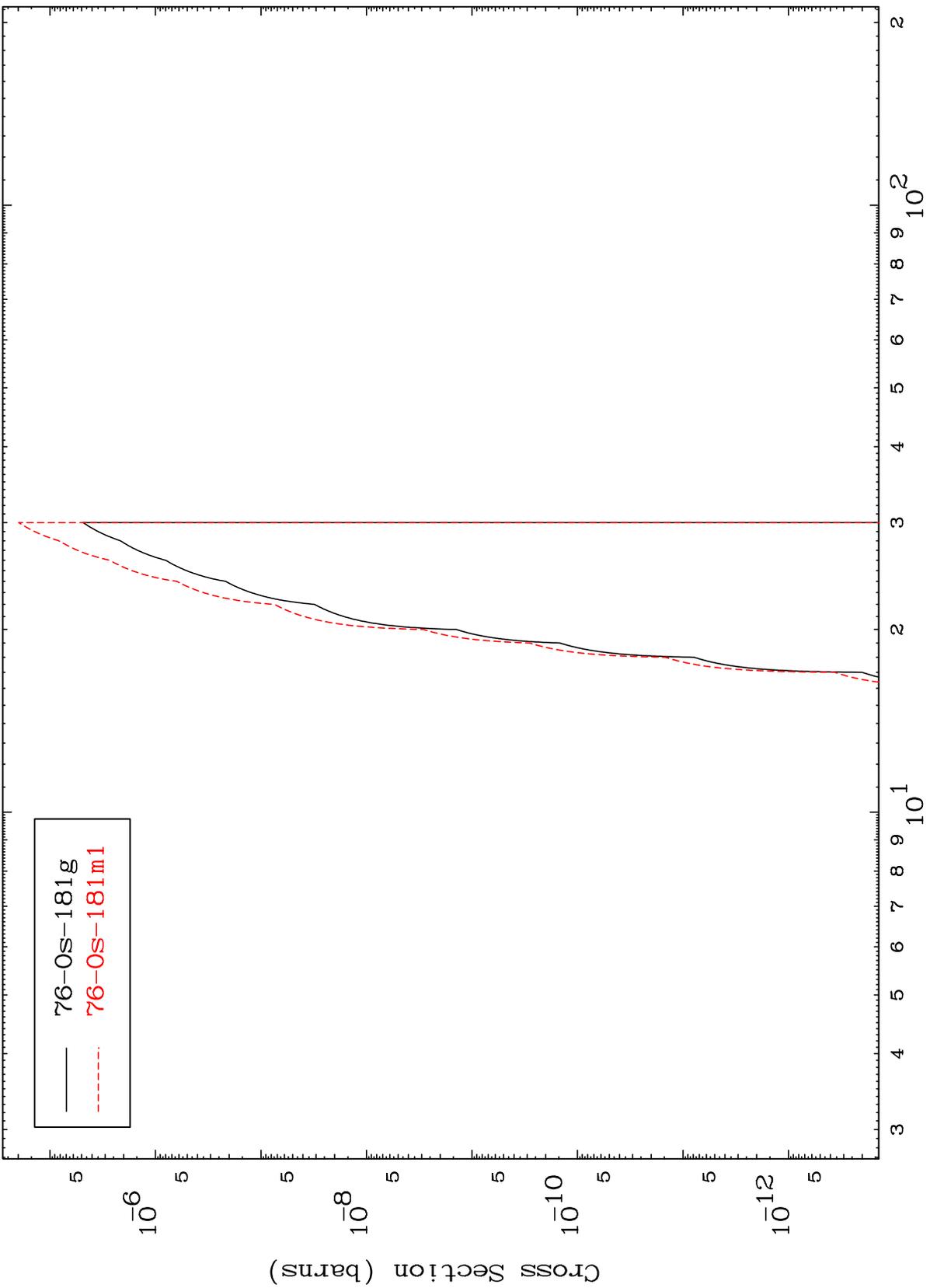
77-Ir-182

MAT 7698

$^{77}\text{Ir-182}$ α

$^{77}\text{Ir-182}$

Radionuclide Production Cross Section



— $^{76}\text{Os-181g}$
- - - $^{76}\text{Os-181m1}$

18

Incident Energy (MeV)

$^{77}\text{Ir-182}$