

Program EVALPLOT
(Version 2021-1)

by

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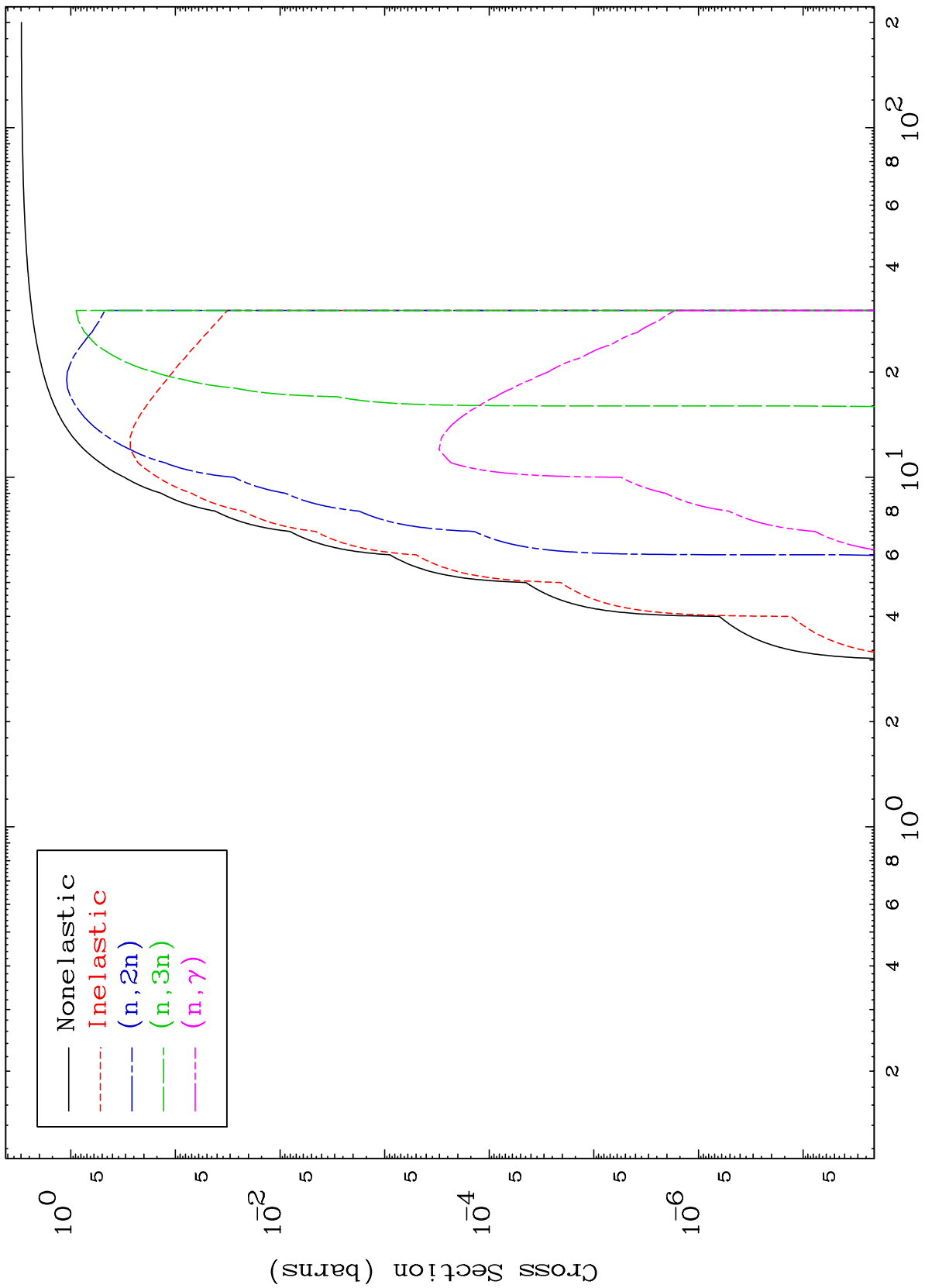
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7698

Deuteron Major
0 Kelvin Cross Sections

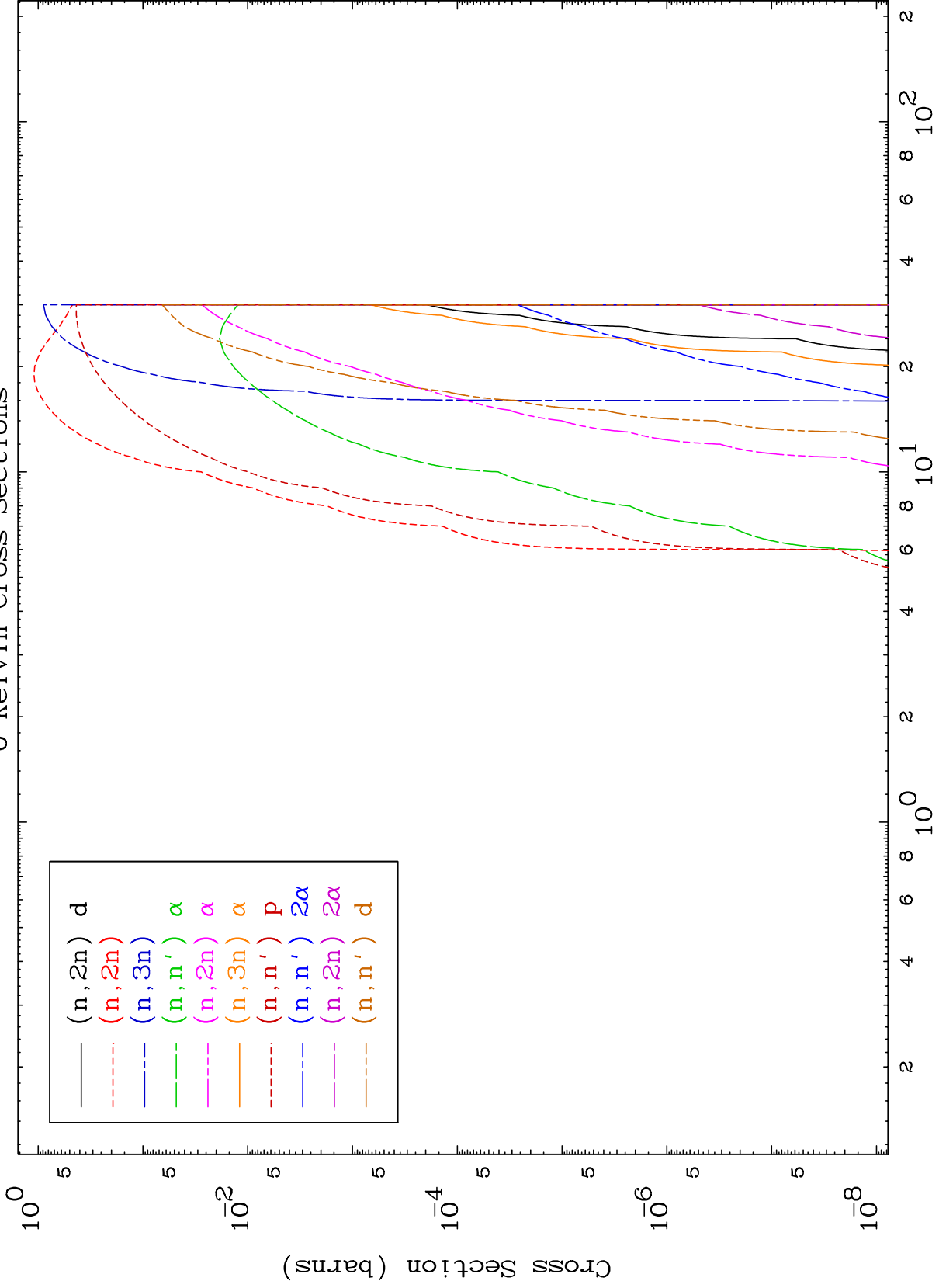
77-Ir-182

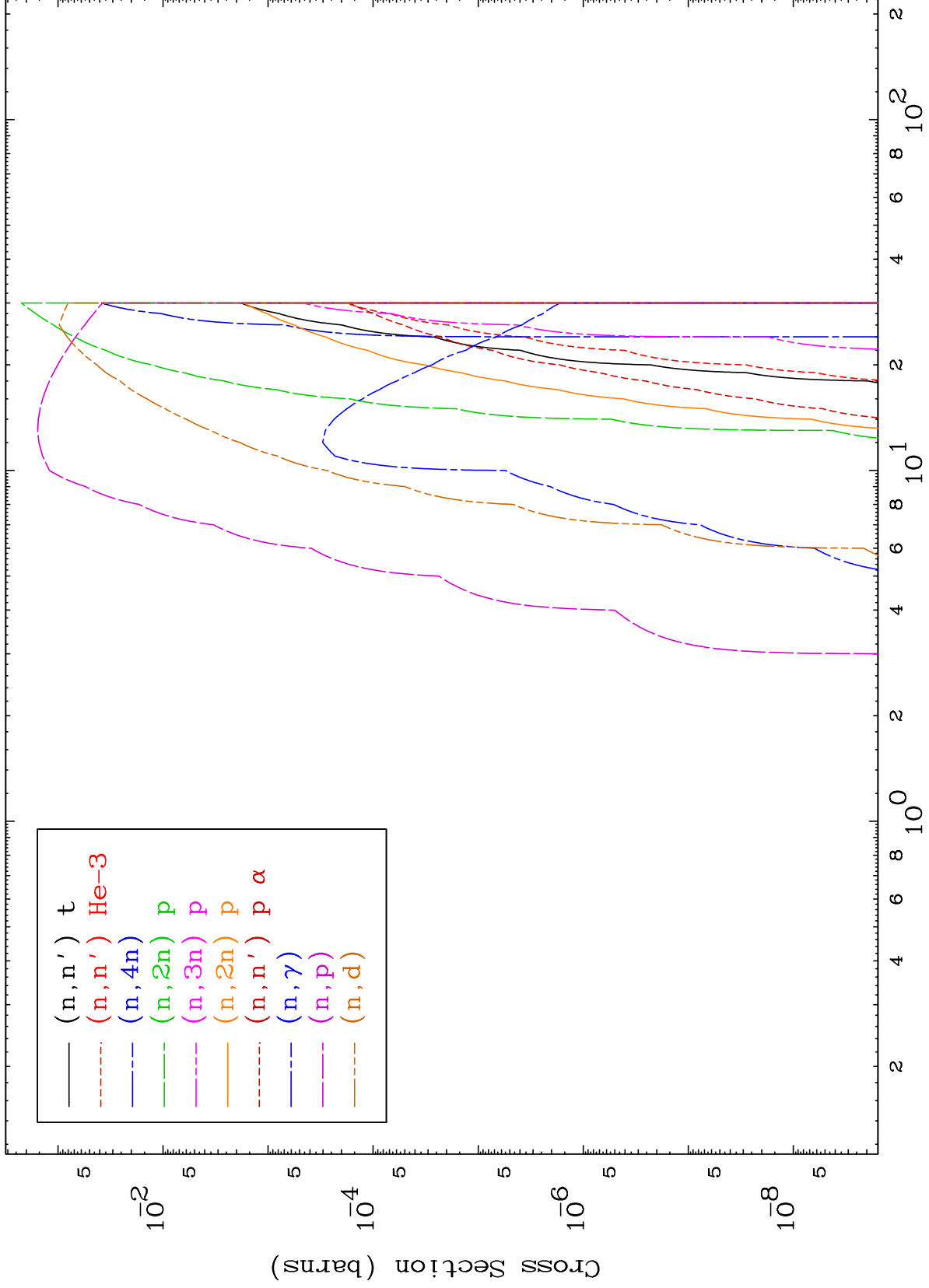


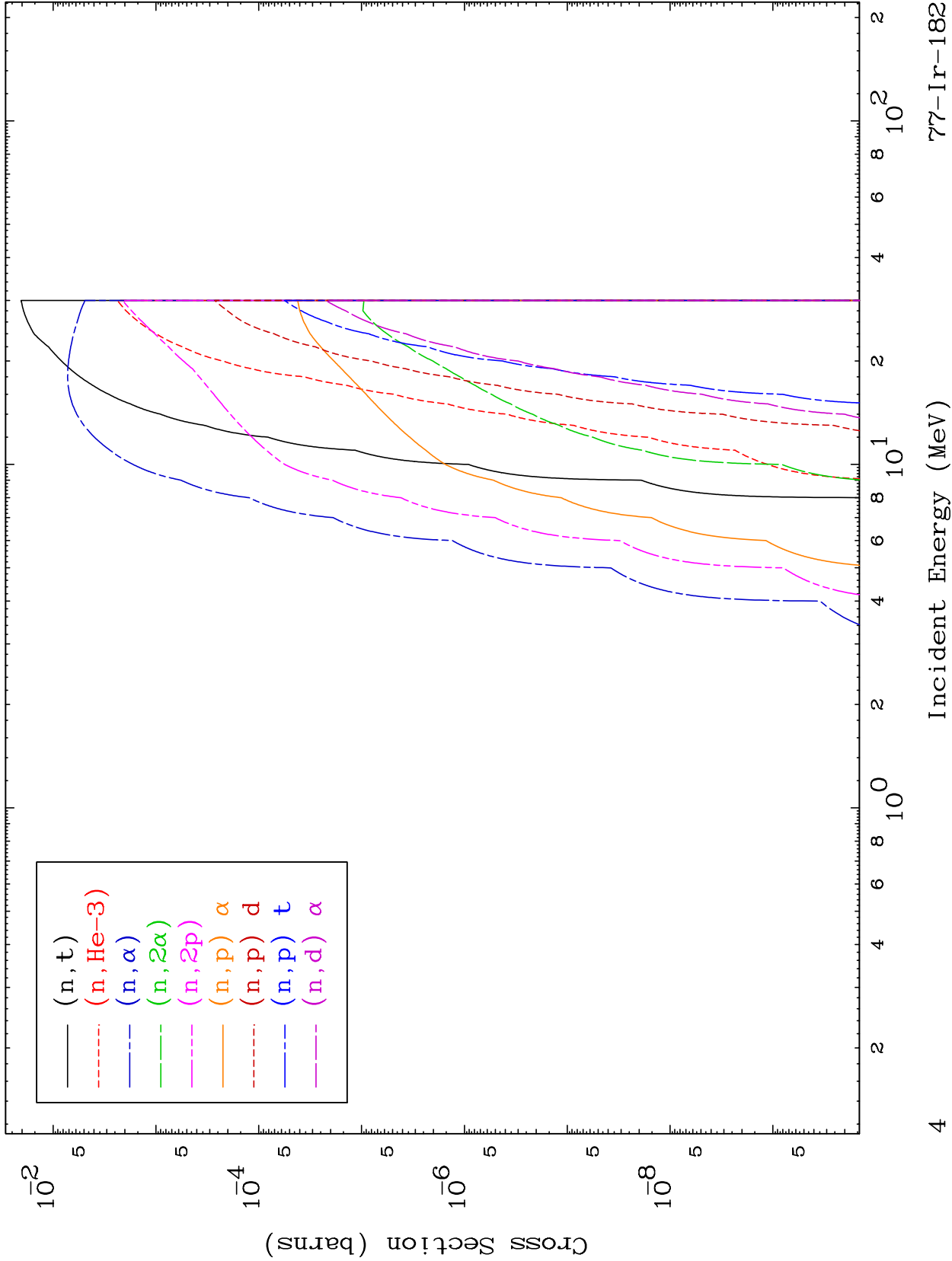
MAT 7698

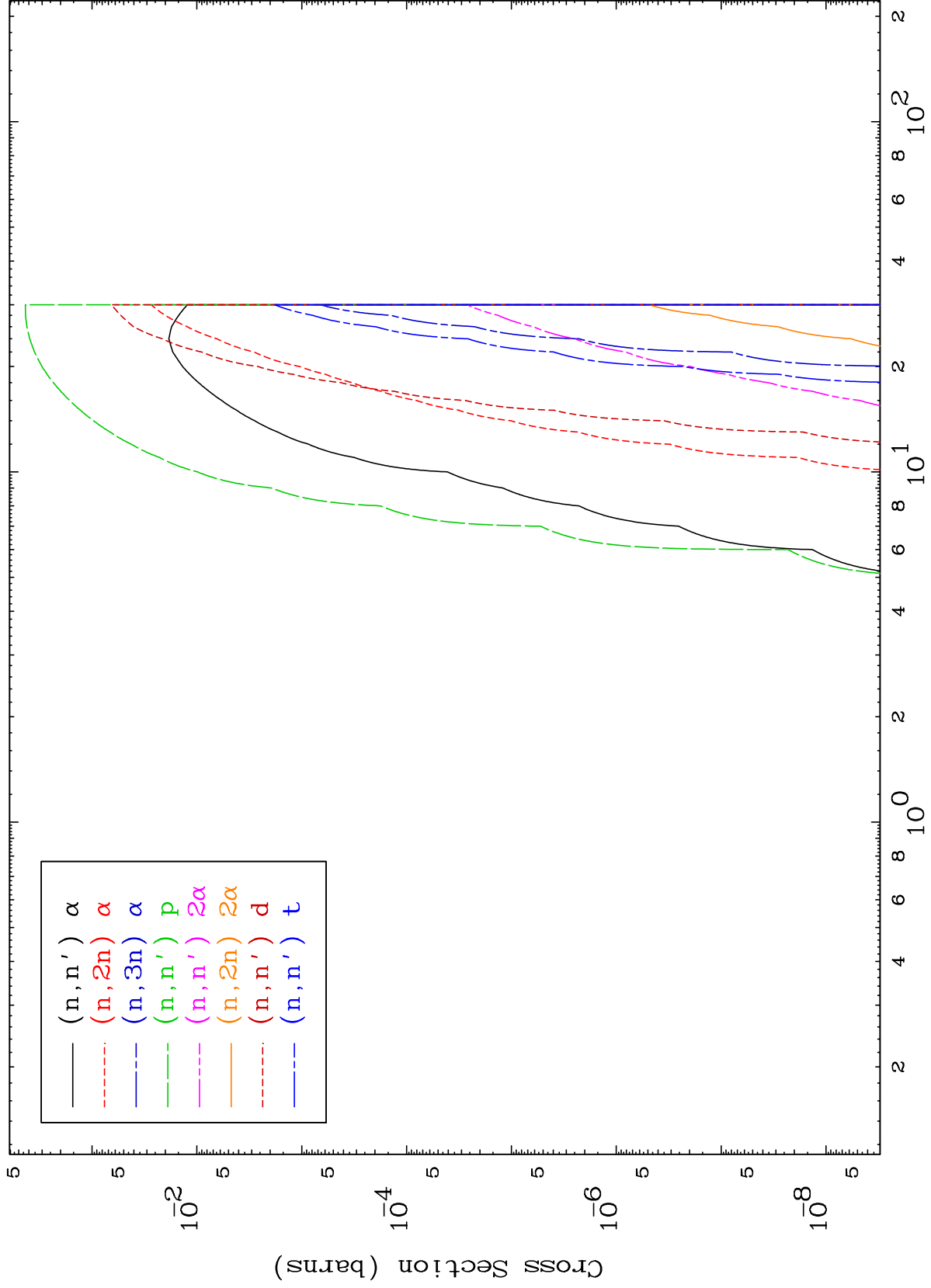
Deuteron Neutron Absorption
0 Kelvin Cross Sections

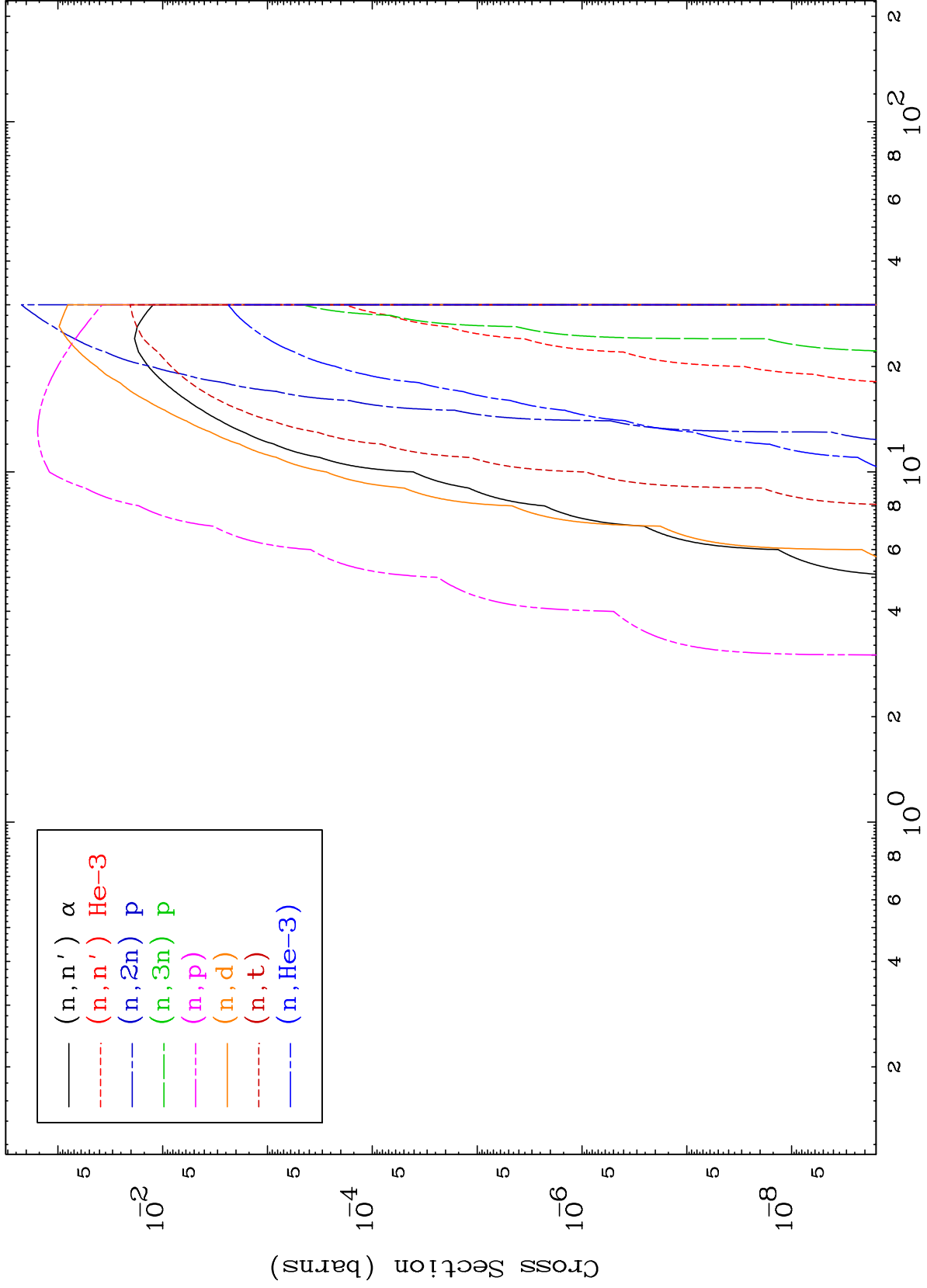
77-Ir-182

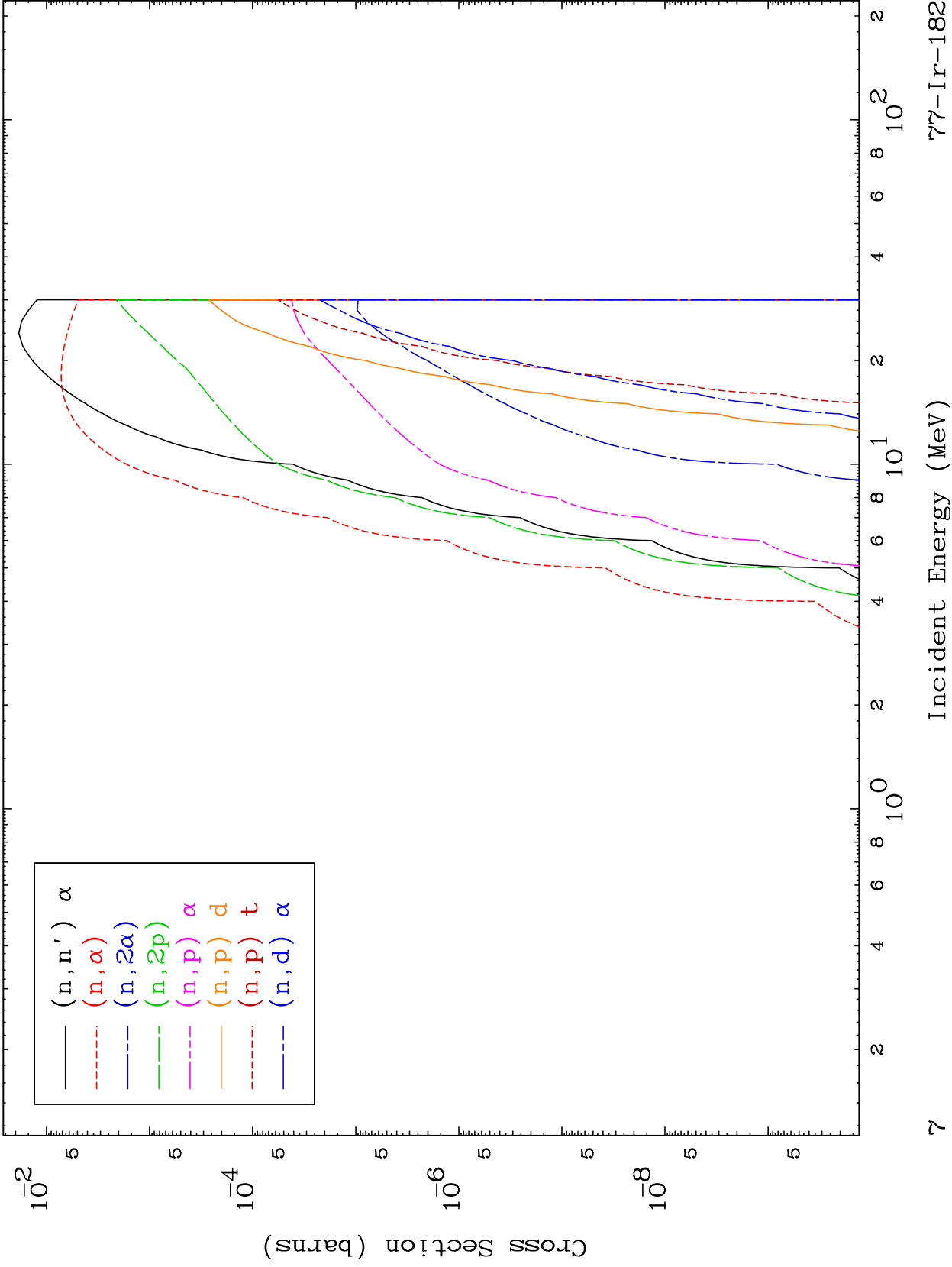










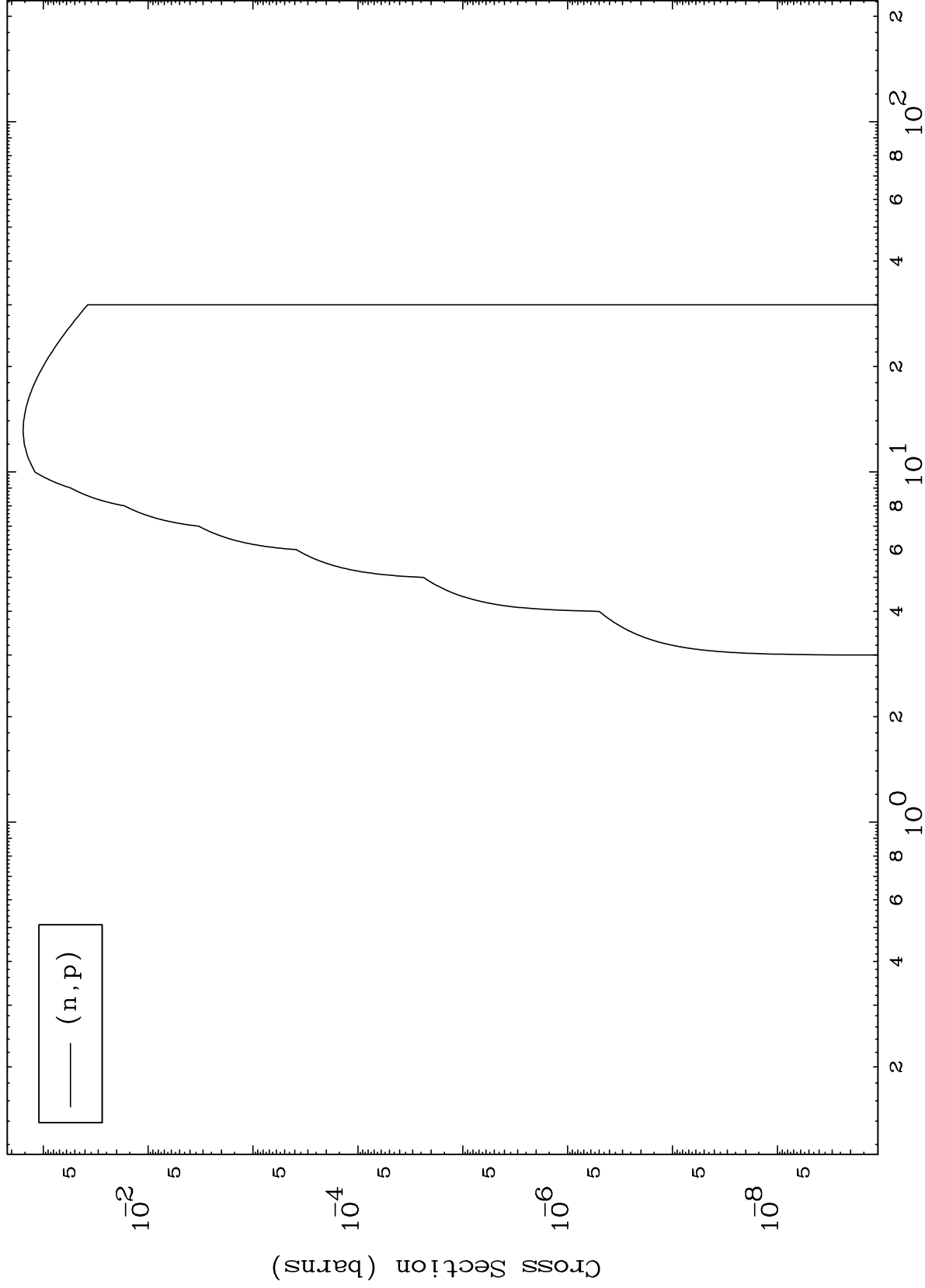


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(d,p) Levels

⁷⁷Ir-182

0 Kelvin Cross Sections

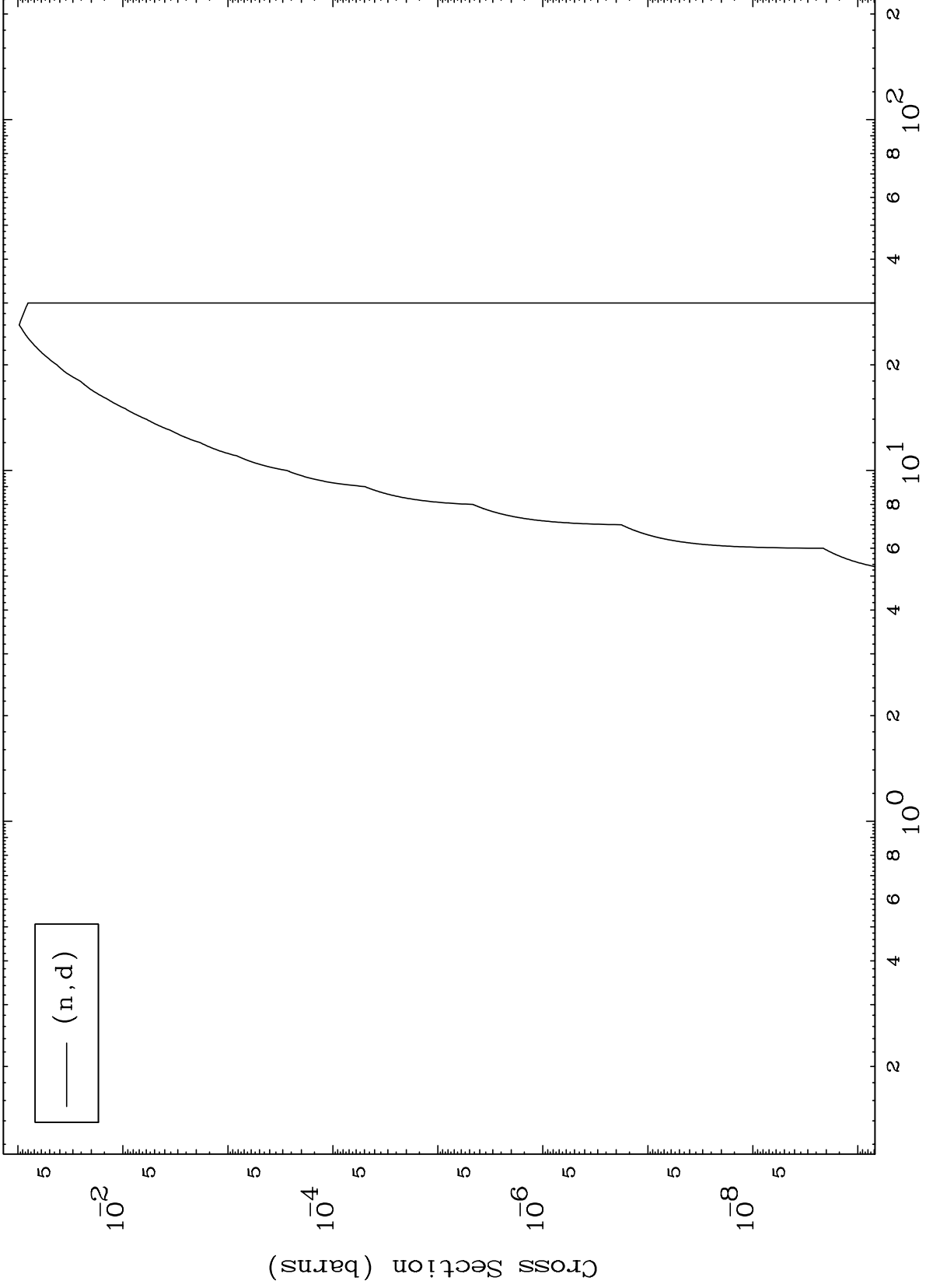


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(d,d) Levels

⁷⁷Ir-182

0 Kelvin Cross Sections

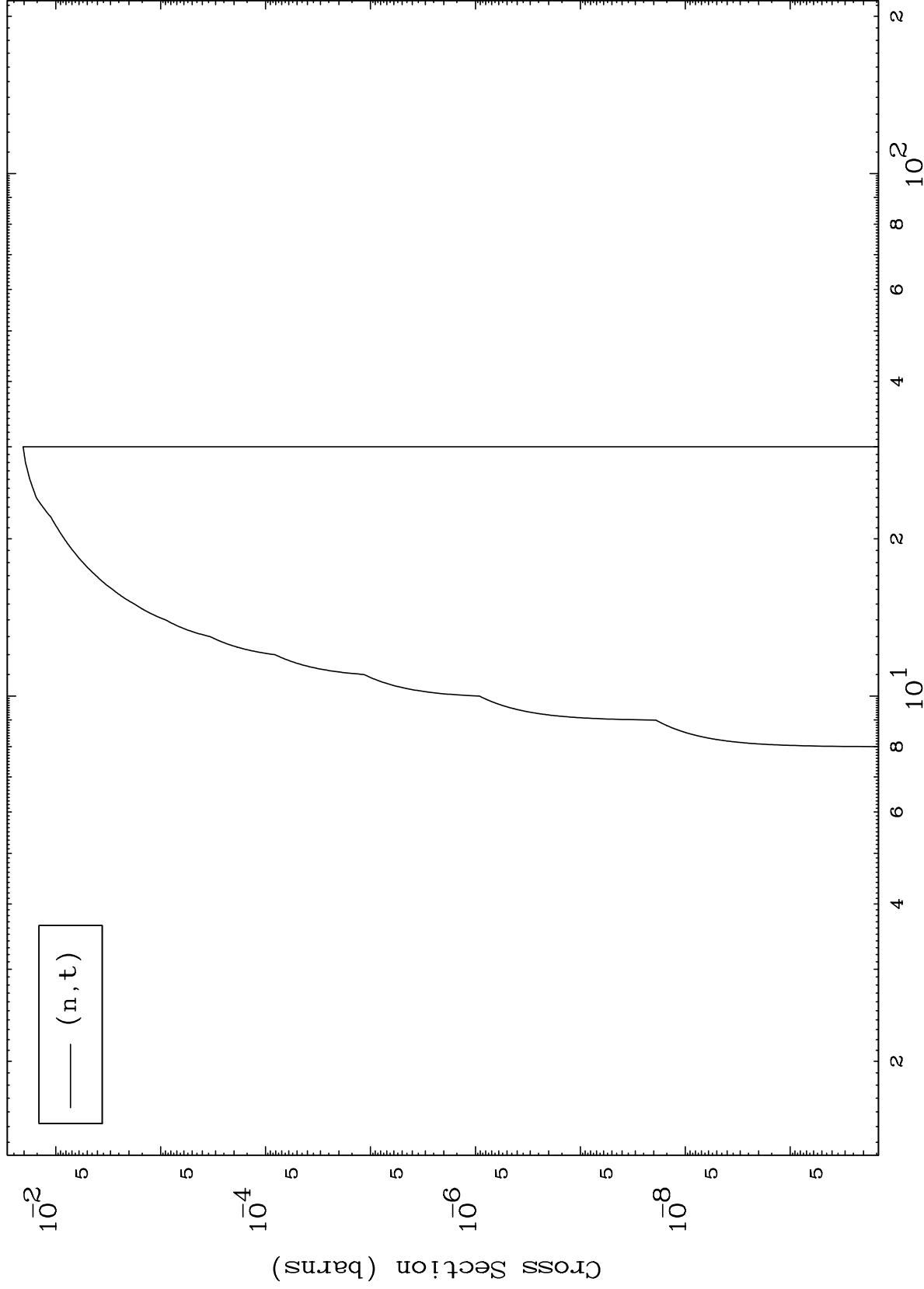


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(d, t) Levels

⁷⁷Ir-182

0 Kelvin Cross Sections



10

Incident Energy (MeV)

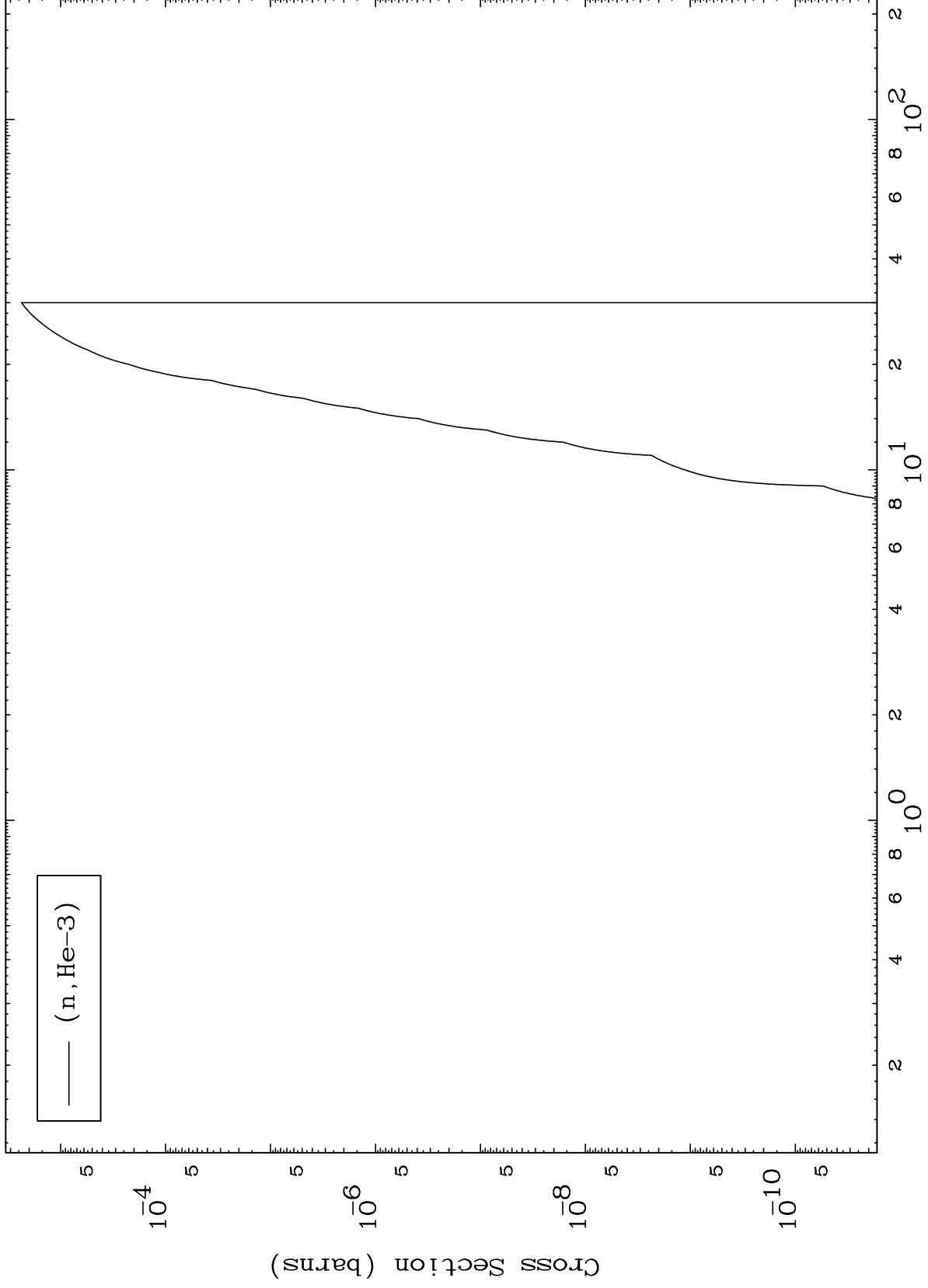
⁷⁷Ir-182

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(d,He3) Levels

77-Ir-182

0 Kelvin Cross Sections

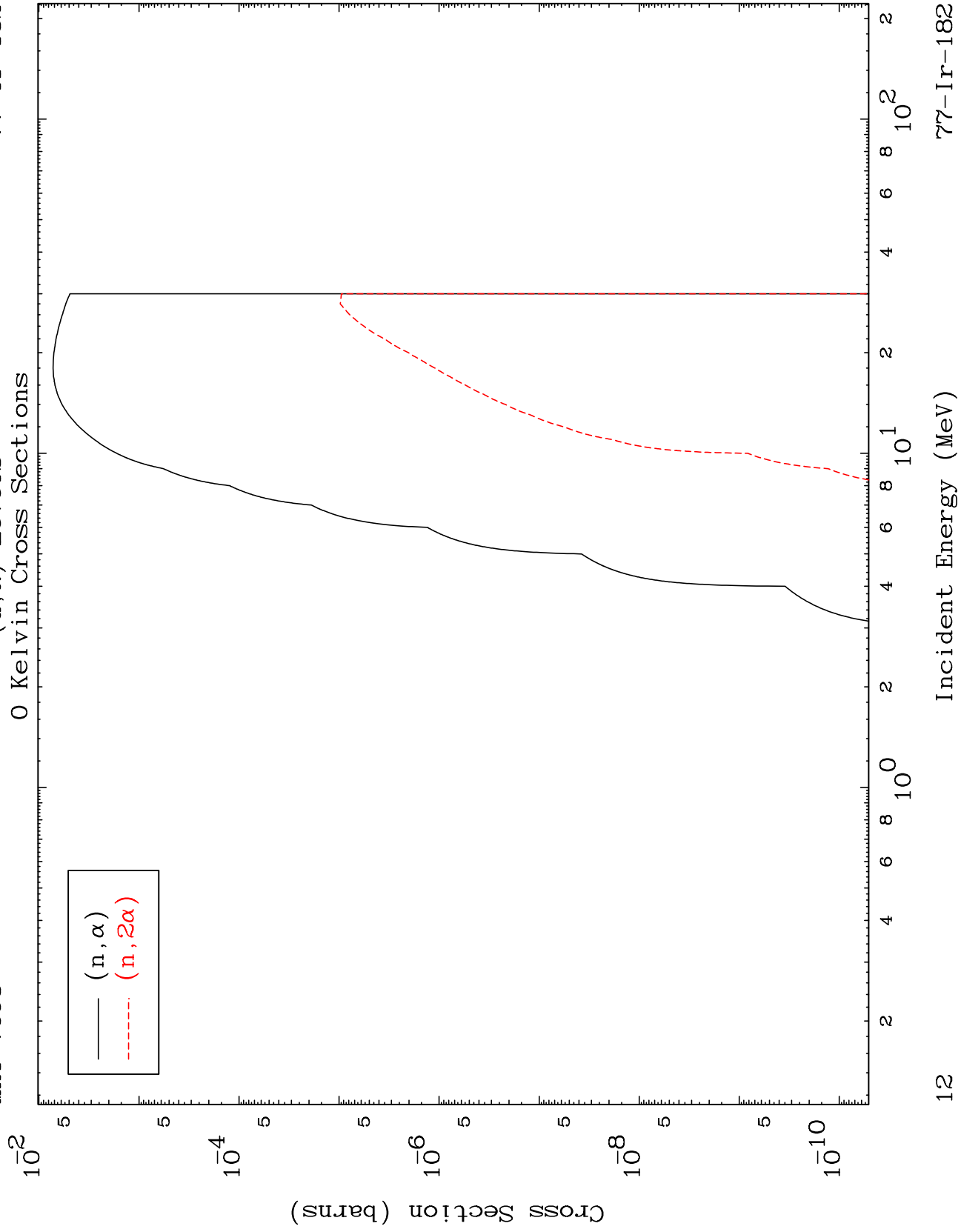


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(d, α) Levels

⁷⁷Ir-182

0 Kelvin Cross Sections



12

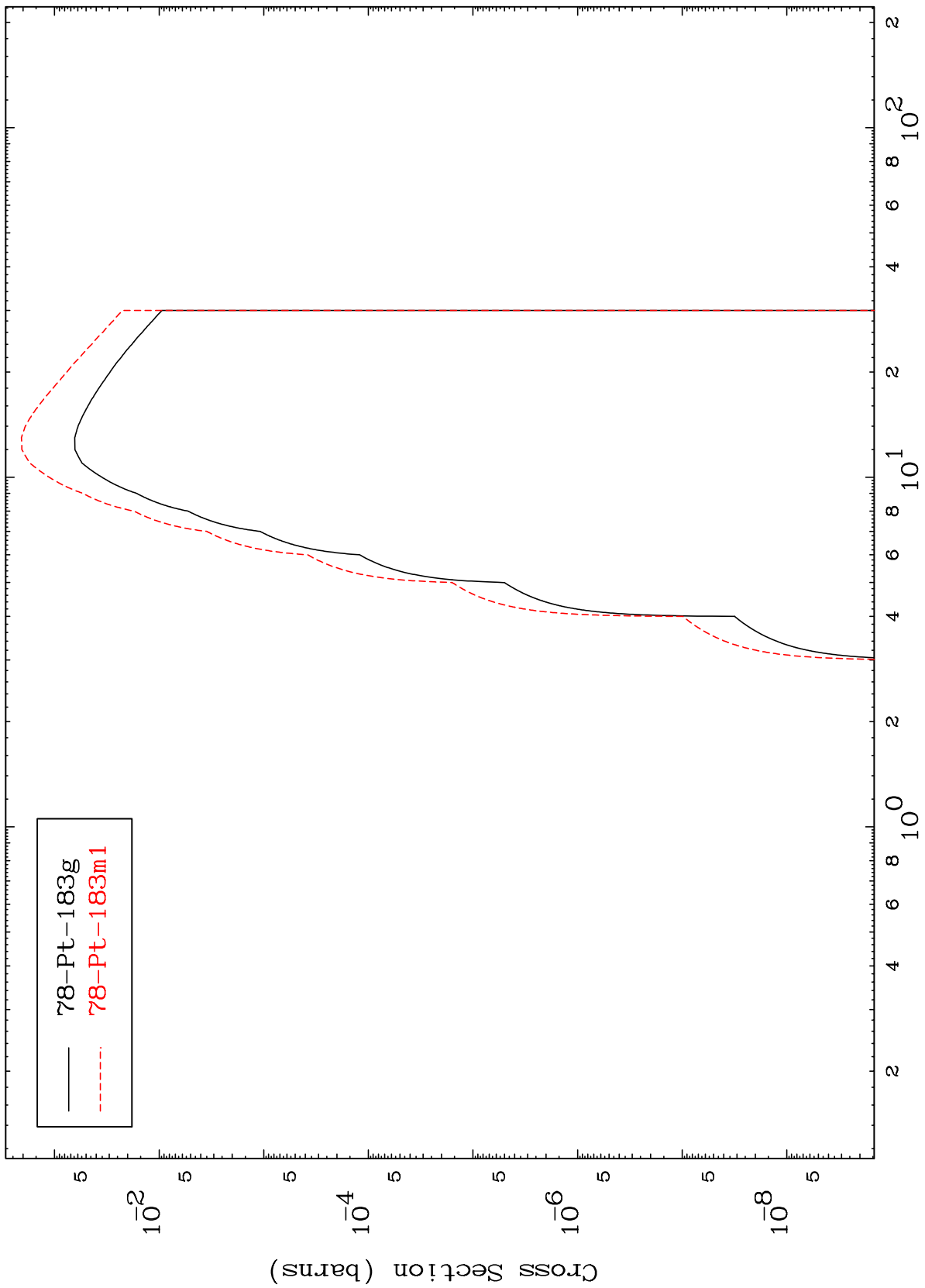
Incident Energy (MeV)

⁷⁷Ir-182

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77-Ir-182

Inelastic
Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

77-Ir-182

Incident Energy (MeV)

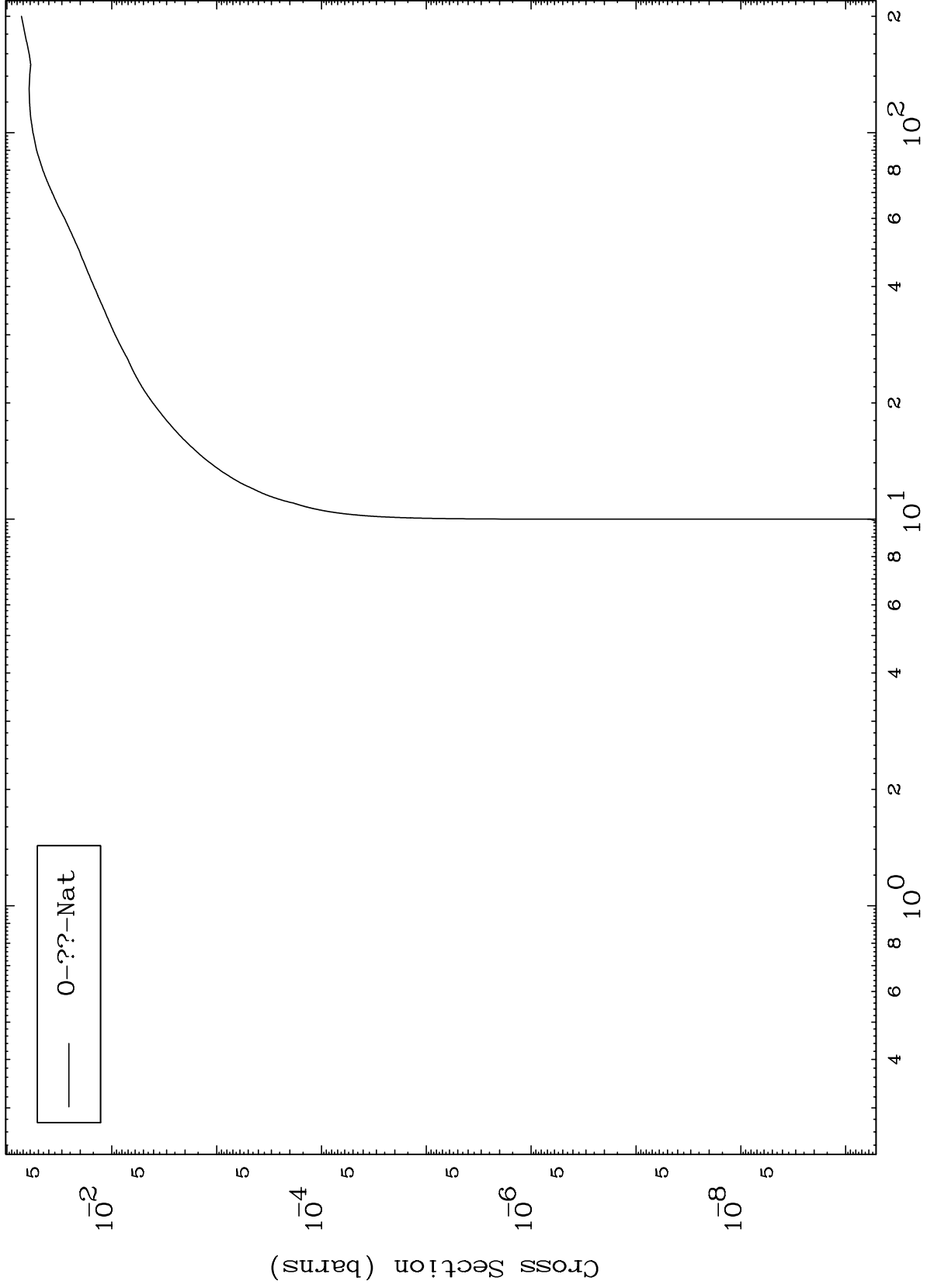
13

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Fission

⁷⁷Ir-182

Radionuclide Production Cross Section



14

Incident Energy (MeV)

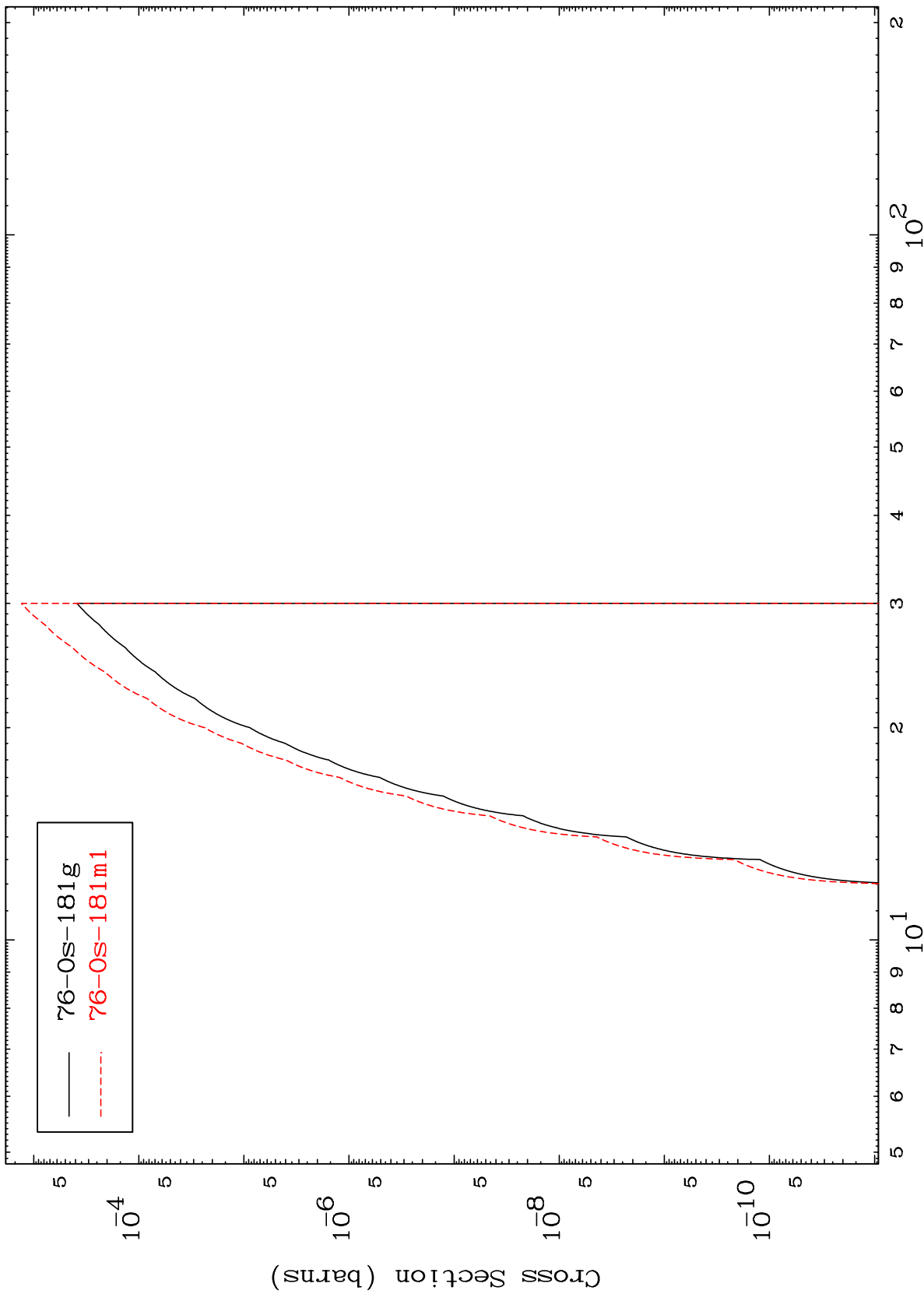
⁷⁷Ir-182

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$(n,2n)$ p

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

Radionuclide Production Cross Section



— 76-Os-181g
- - - 76-Os-181m1

15

Incident Energy (MeV)

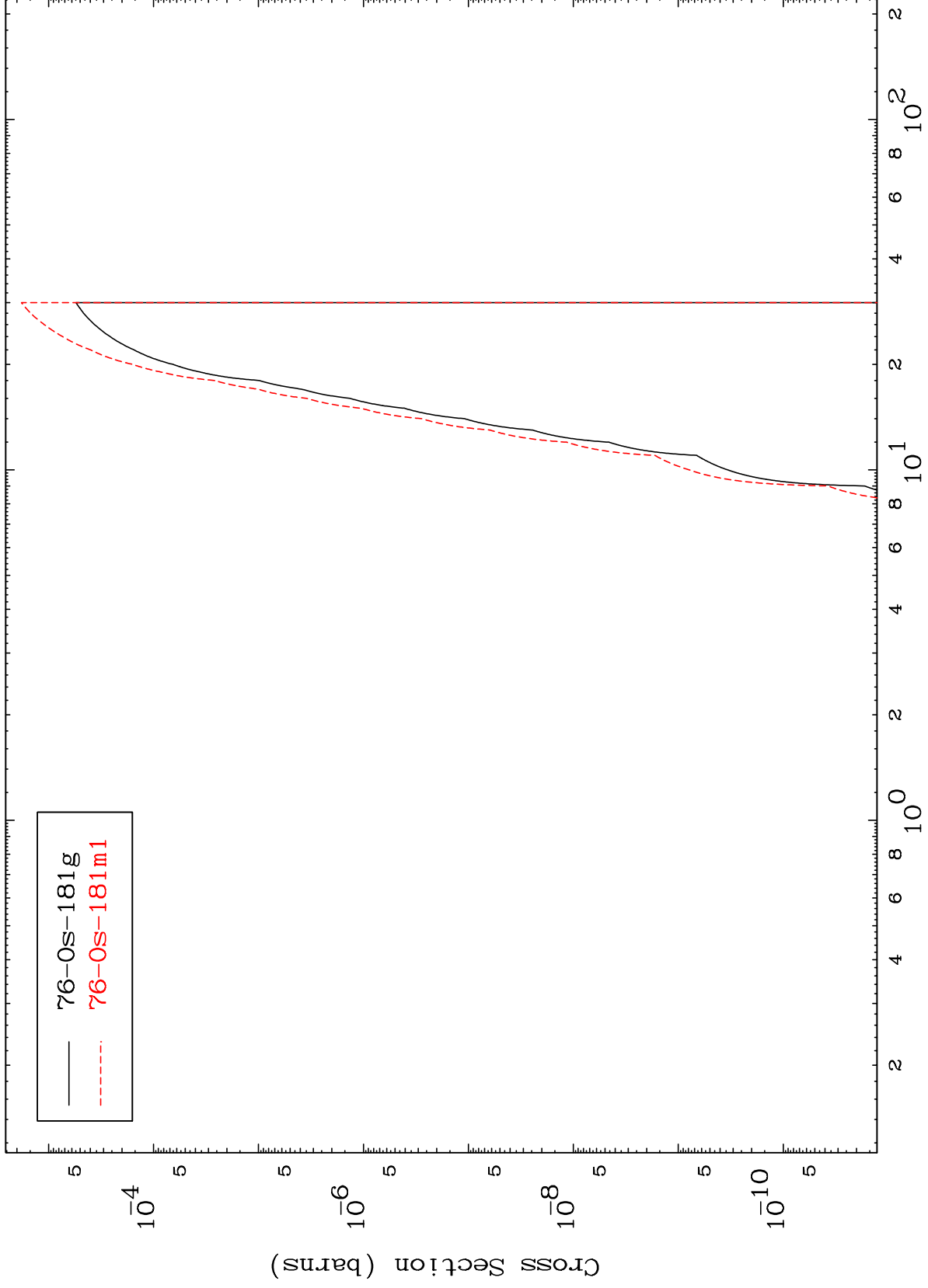
$^{77}\text{Ir-182}$

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(n,He-3)

⁷⁷Ir-182

Radionuclide Production Cross Section



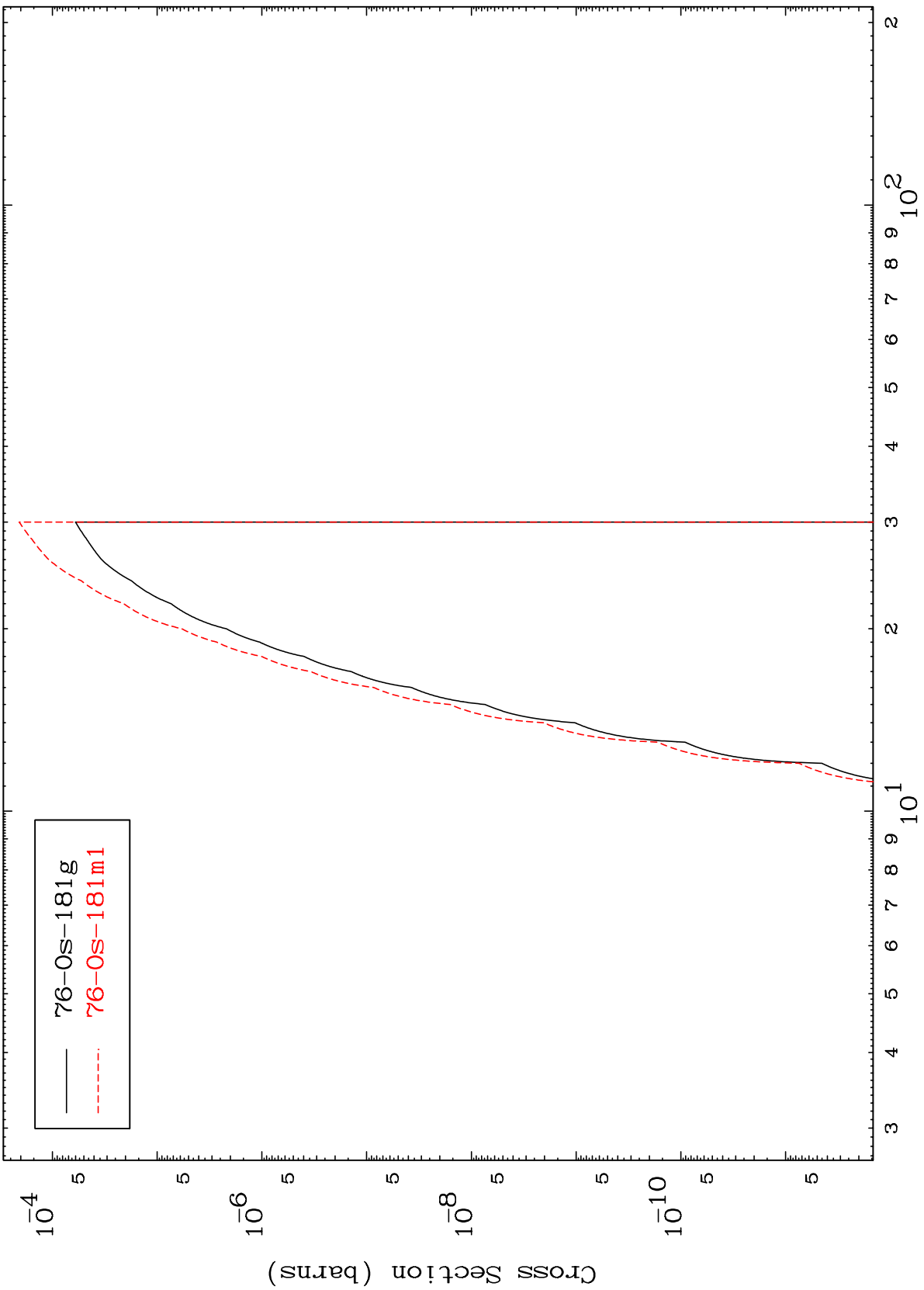
— 76-Os-181g
- - - 76-Os-181m1

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(n,p) d

⁷⁷Ir-182

Radionuclide Production Cross Section



— 76-Os-181g
- - - 76-Os-181m1

17

Incident Energy (MeV)

⁷⁷Ir-182