

Program EVALPLOT
(Version 2021-1)

by

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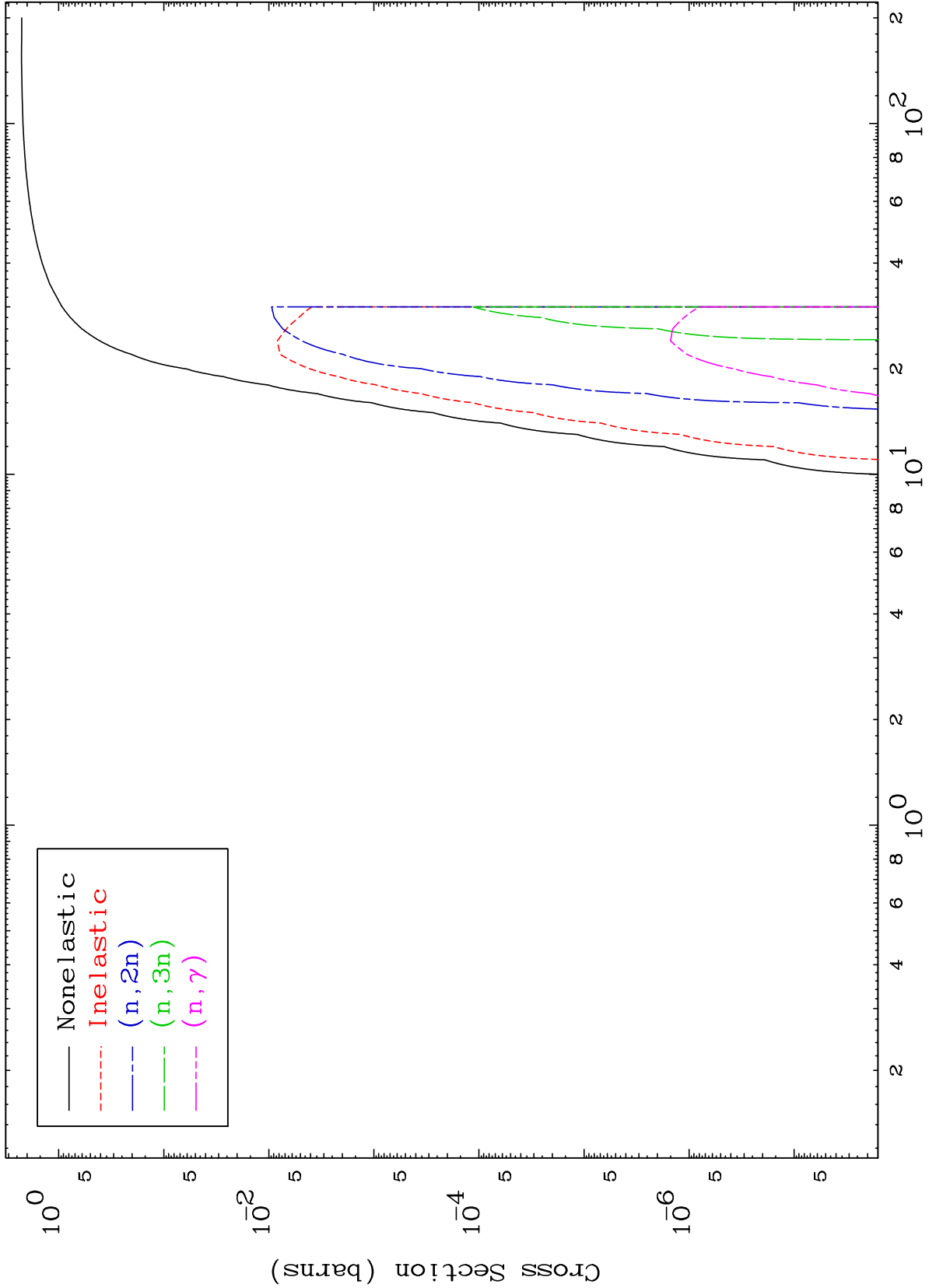
Press Mouse Button to Start

MAT 7683

He-3 Major

⁷⁷Ir-177

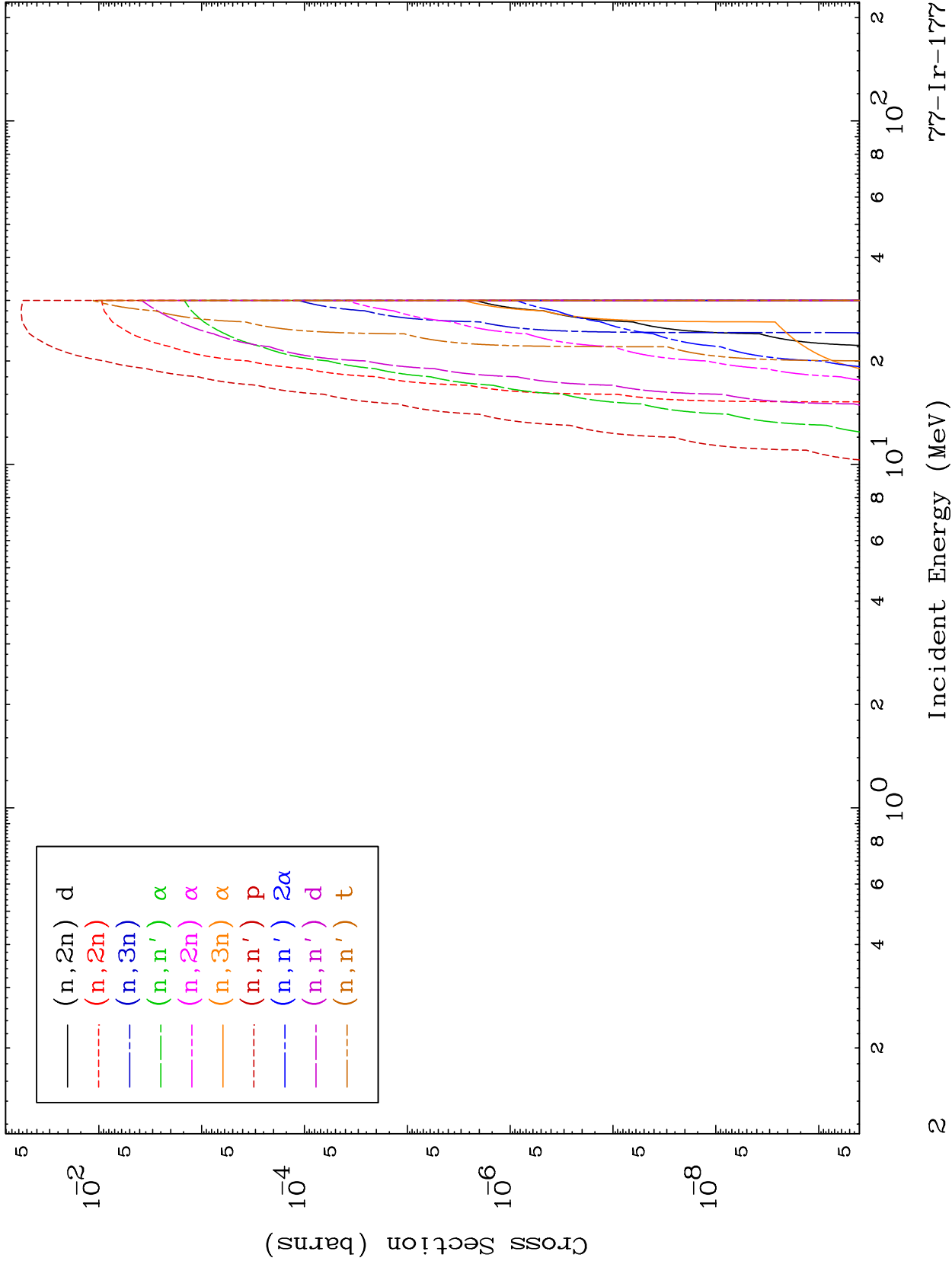
0 Kelvin Cross Sections



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He-3 Neutron Absorption
0 Kelvin Cross Sections

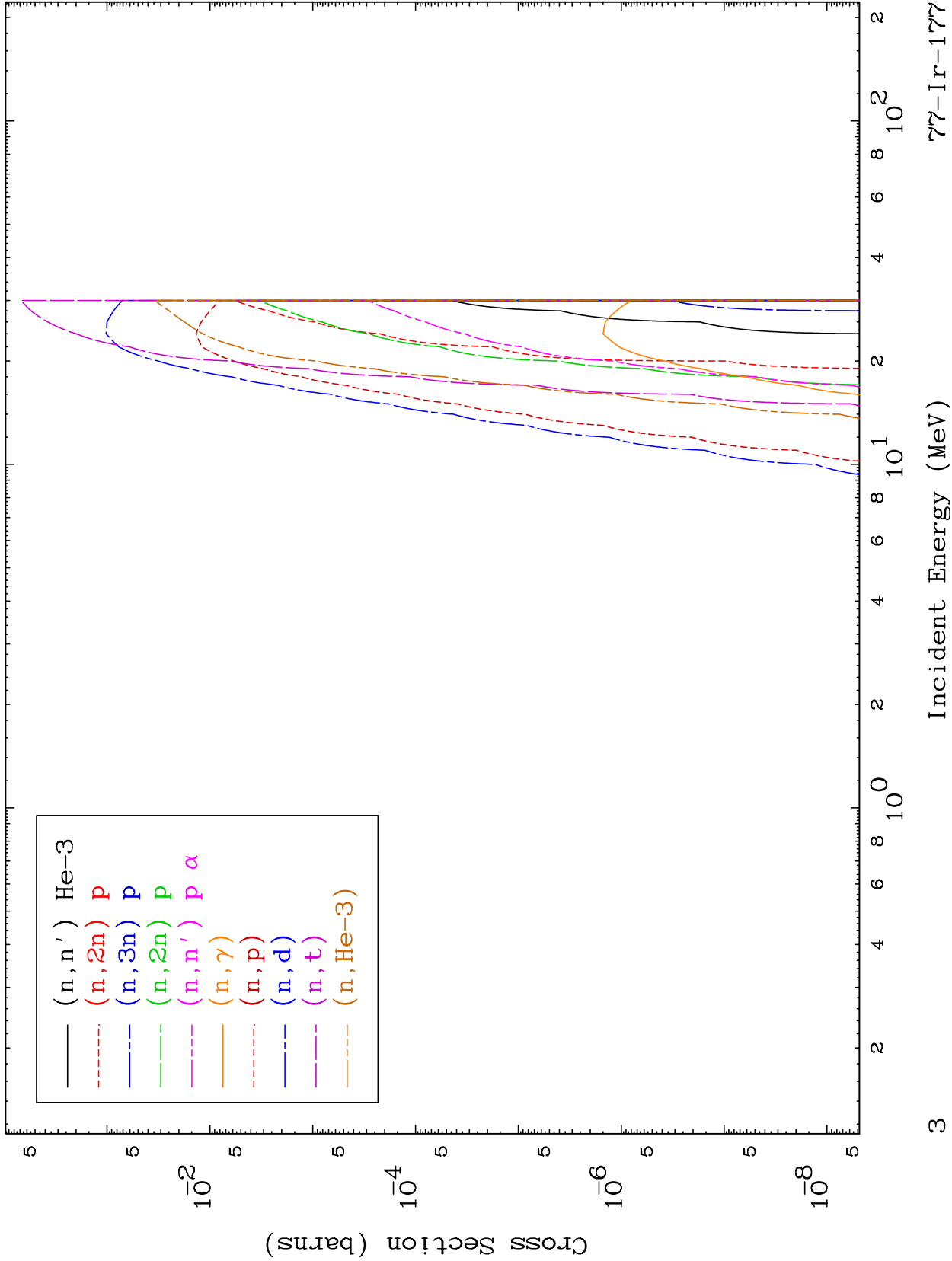
77-Ir-177



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He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-177



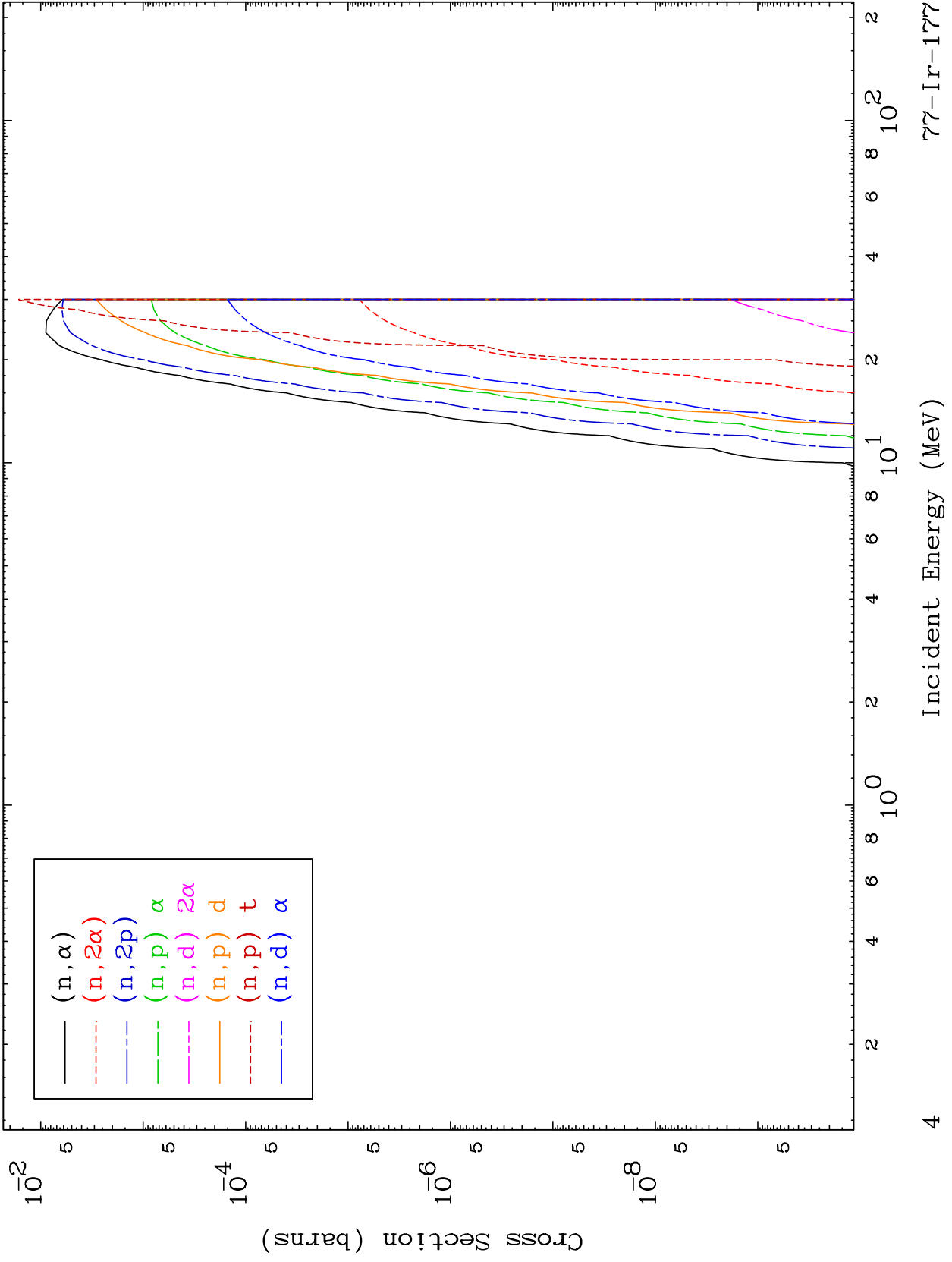
77-Ir-177

Incident Energy (MeV)

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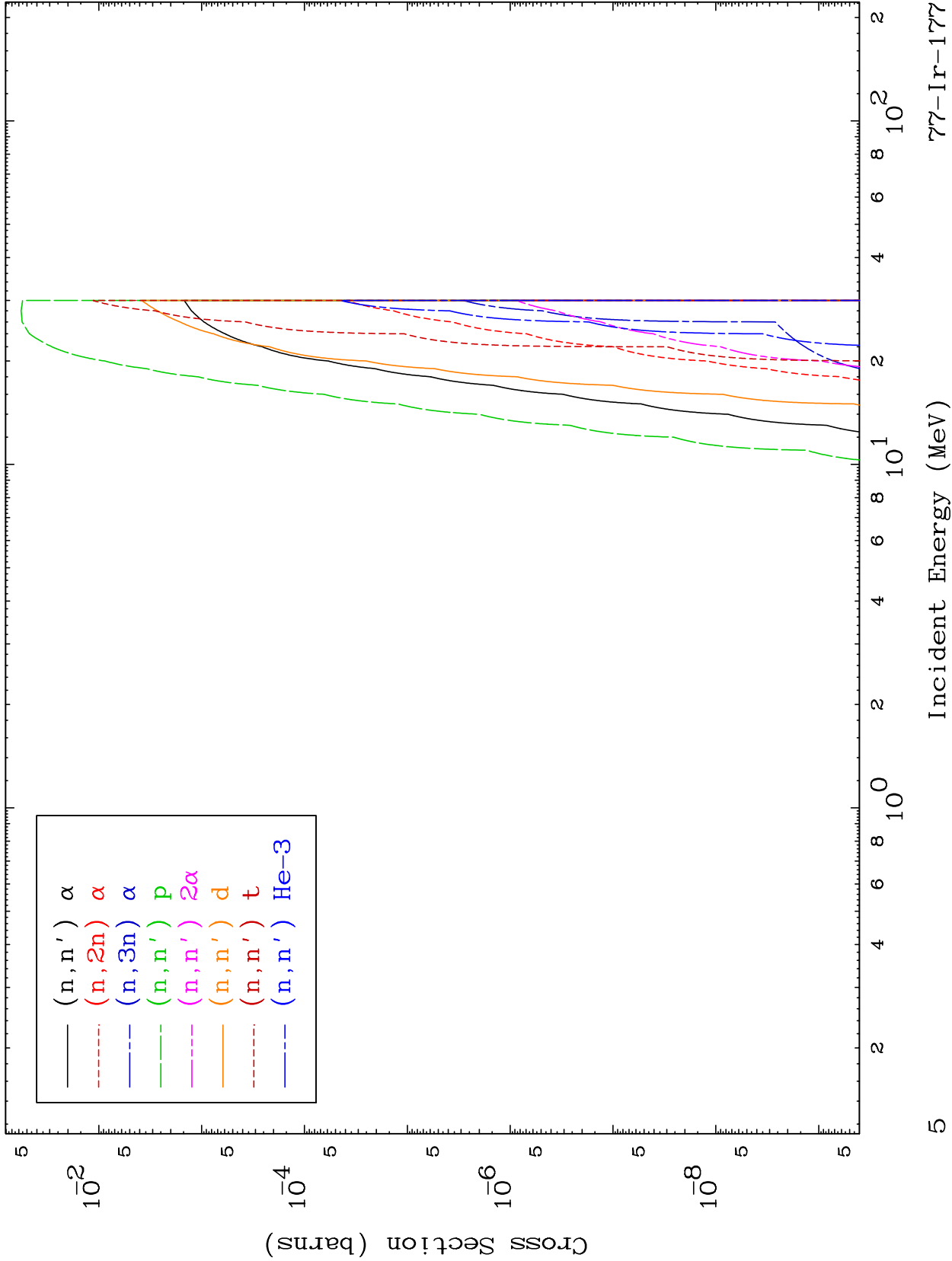
He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-177



77-Ir-177

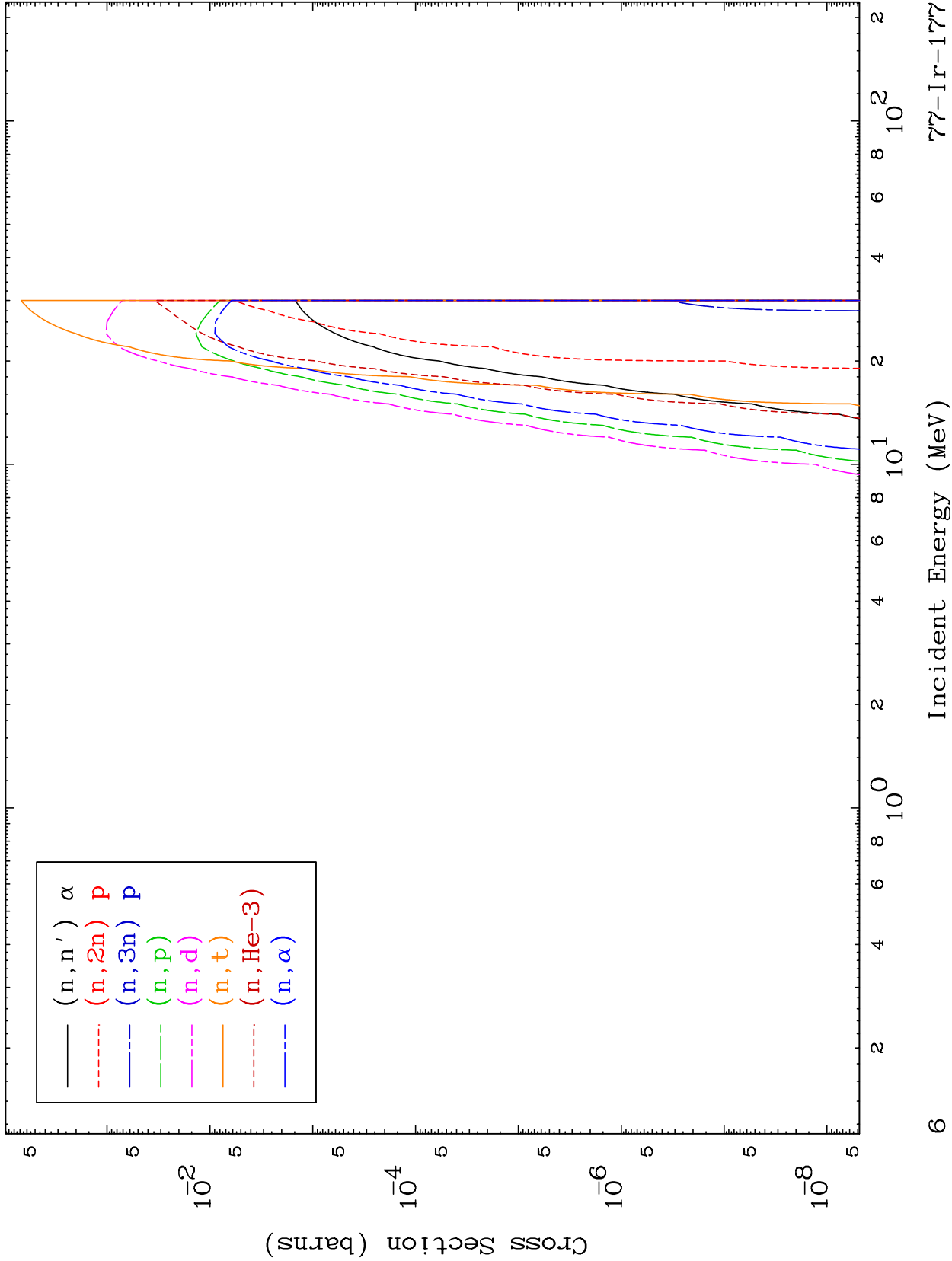
Incident Energy (MeV)

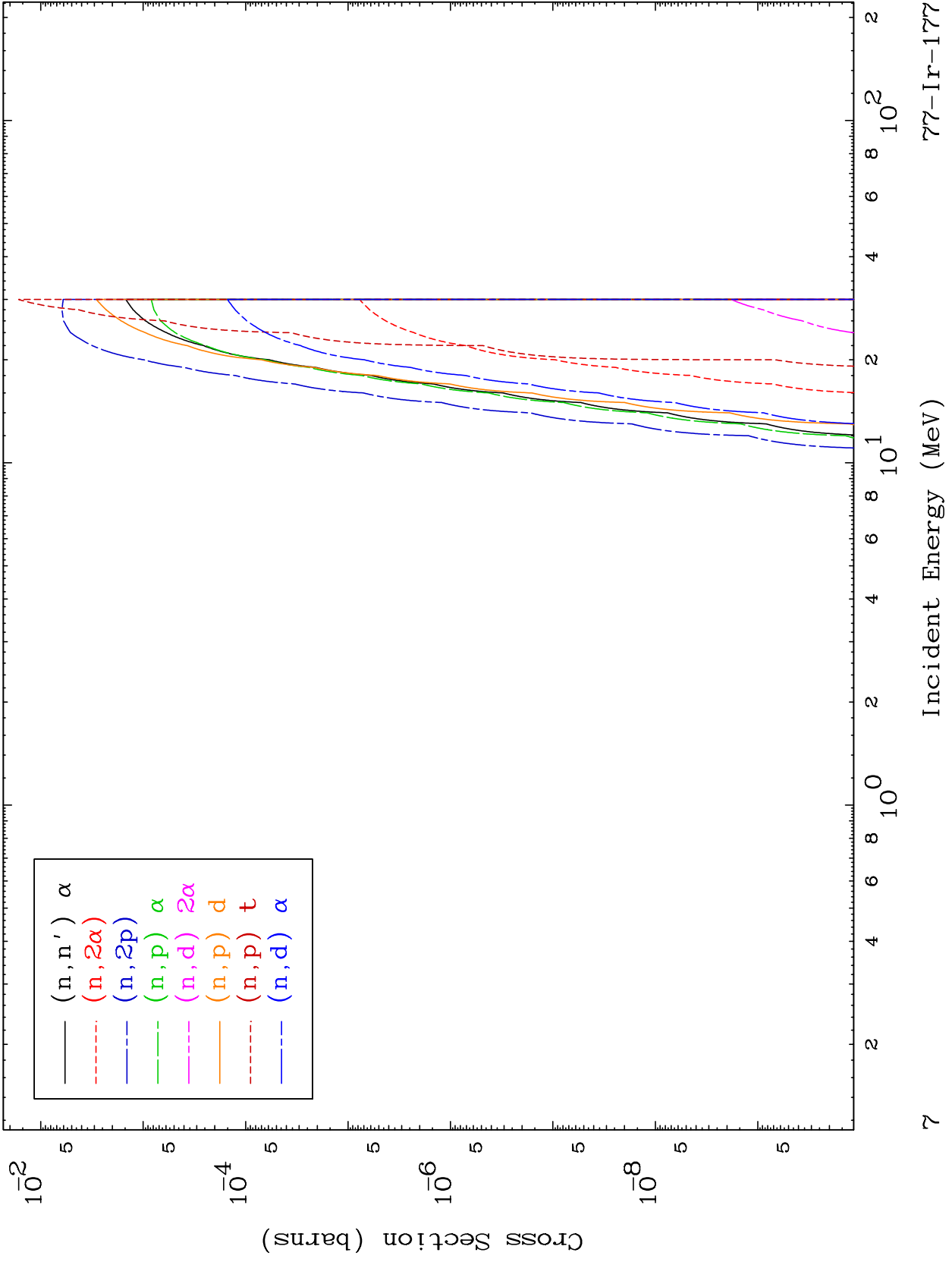


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He-3 Charged Particle
0 Kelvin Cross Sections

77-Ir-177



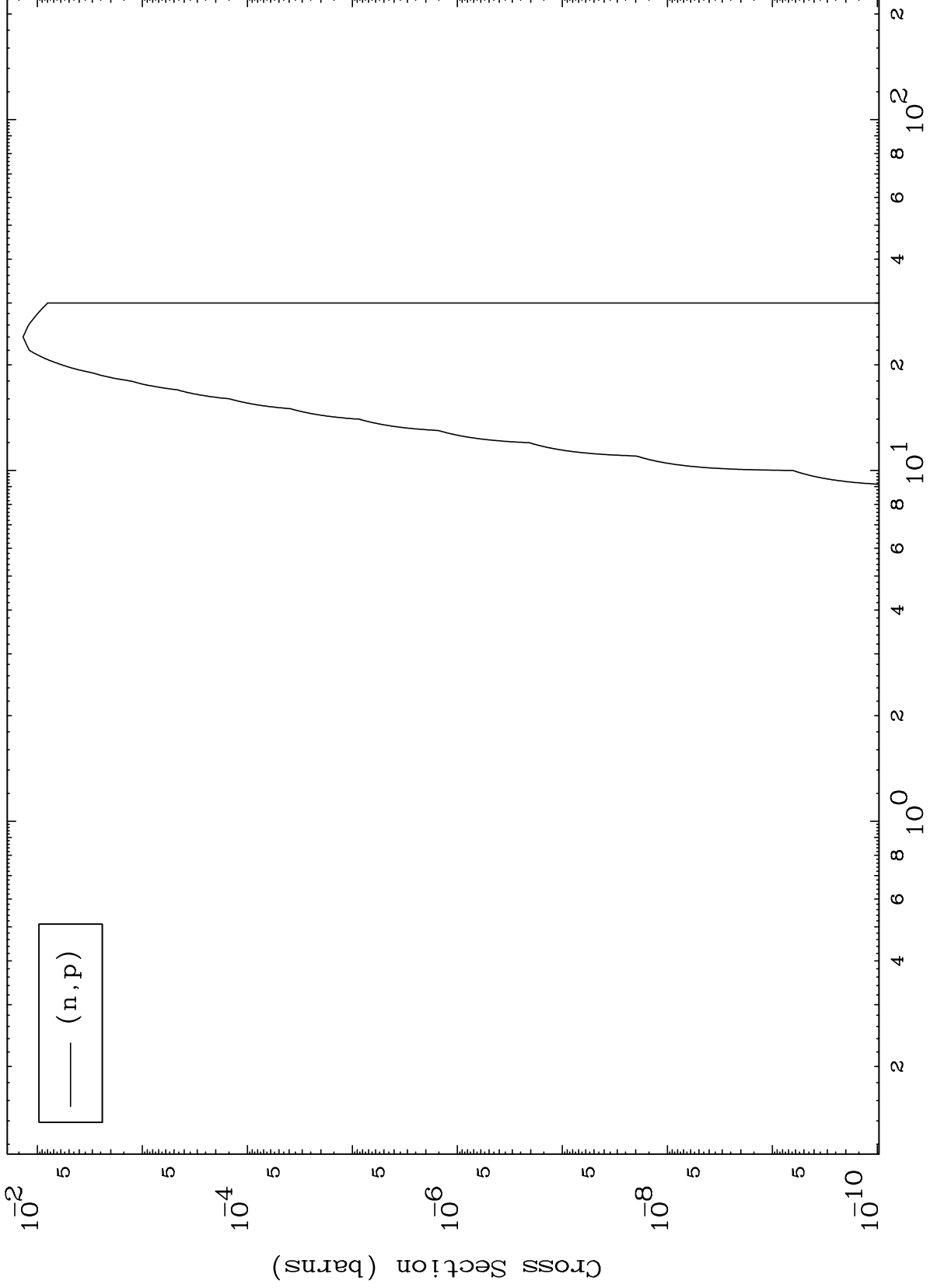


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(He-3,p) Levels

⁷⁷Ir-177

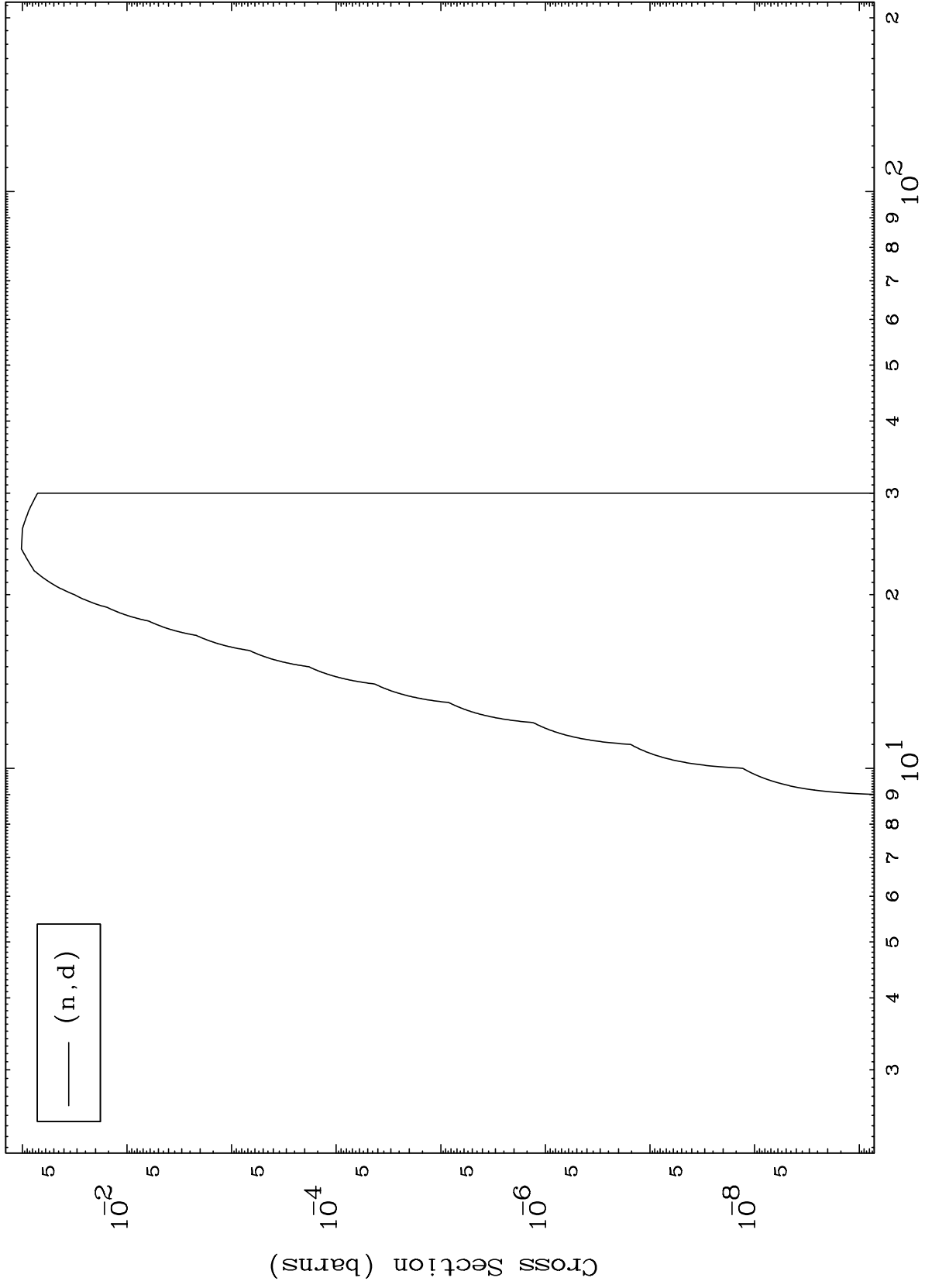
0 Kelvin Cross Sections



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(He-3,d) Levels
0 Kelvin Cross Sections

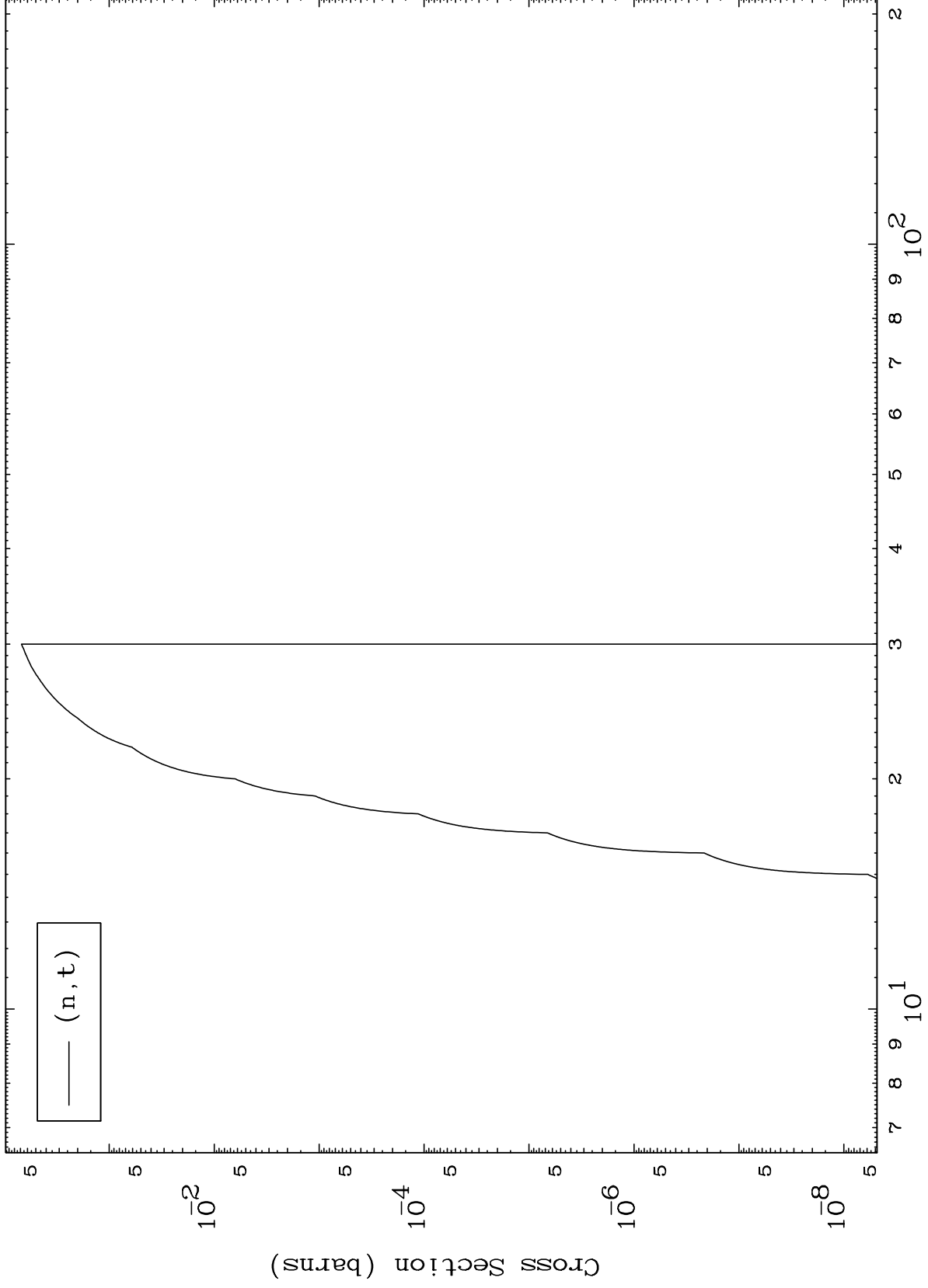
⁷⁷Ir-177



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(He-3,t) Levels
0 Kelvin Cross Sections

77-Ir-177



10

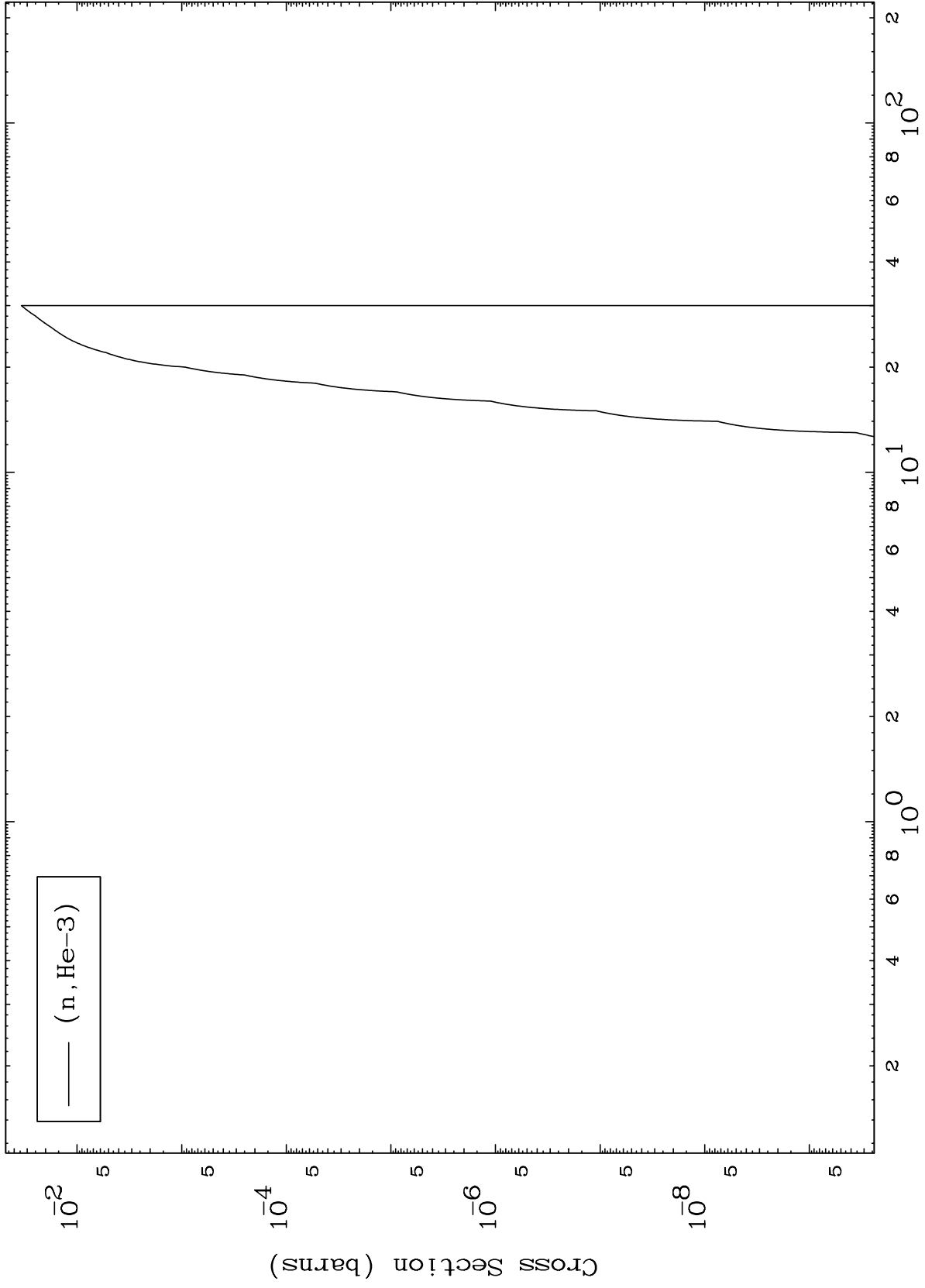
Incident Energy (MeV)

77-Ir-177

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(He-3, He3) Levels
0 Kelvin Cross Sections

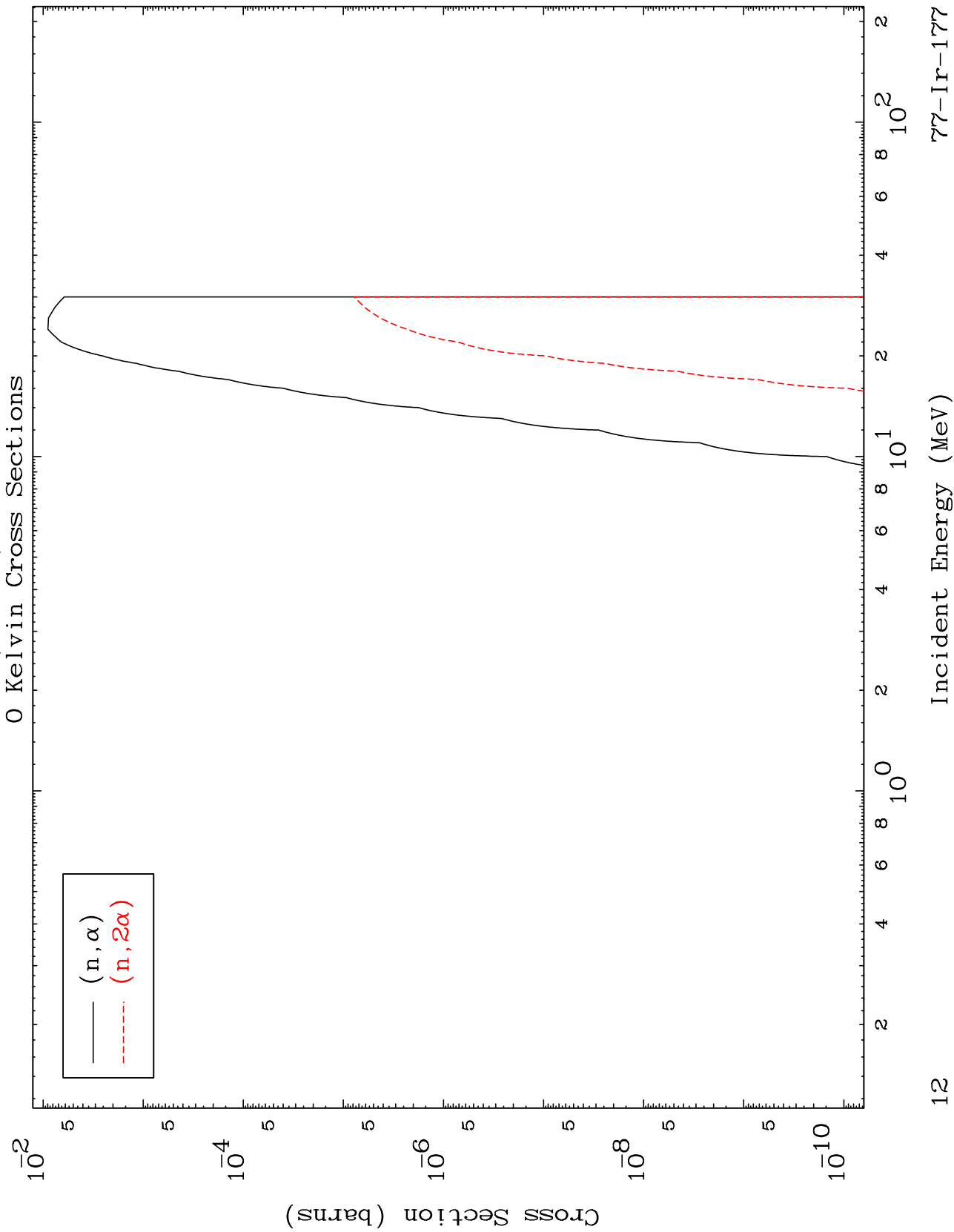
77-Ir-177



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(He-3, α) Levels

⁷⁷Ir-177

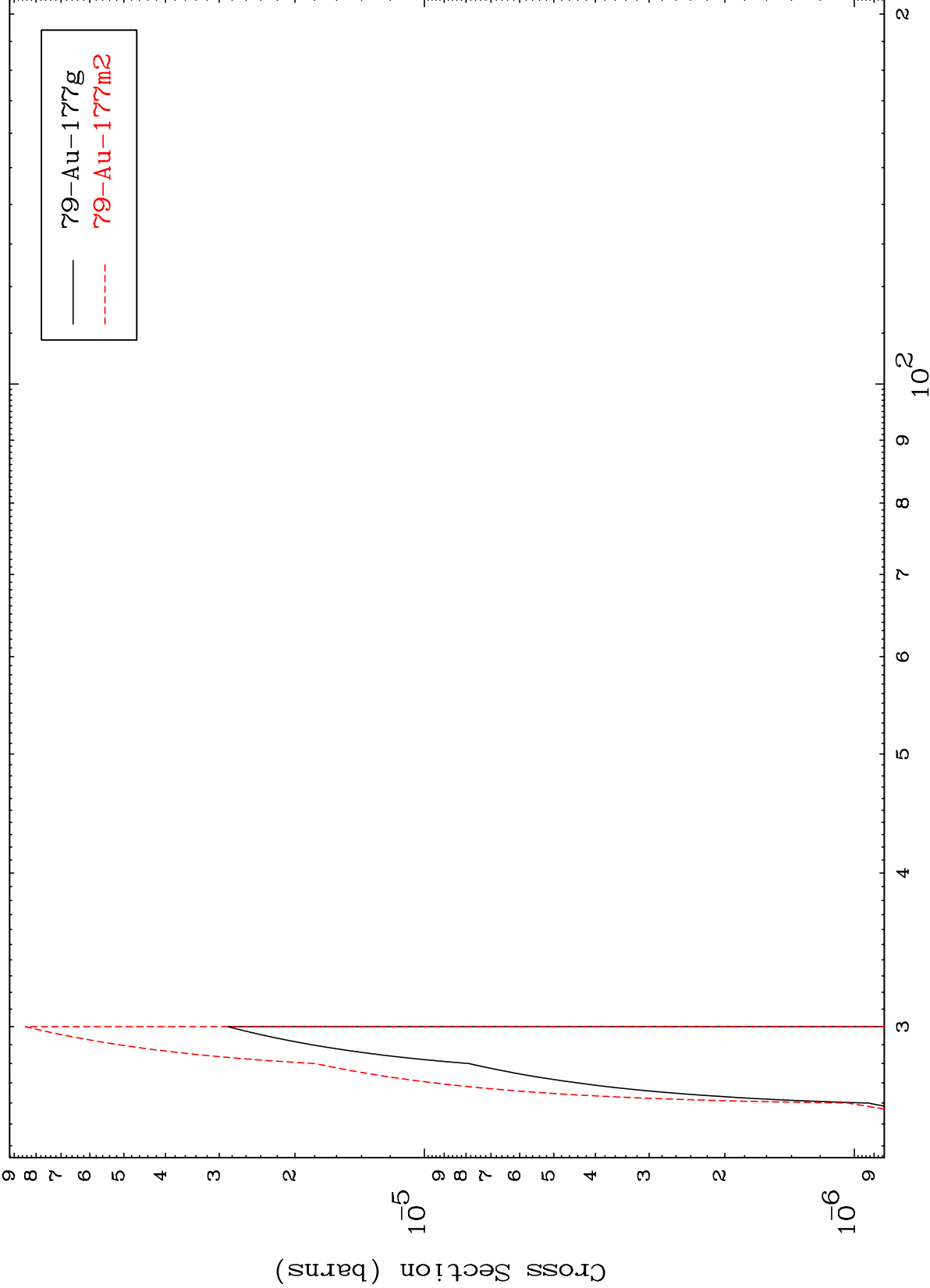


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(n,3n)

⁷⁷Ir-177

Radionuclide Production Cross Section



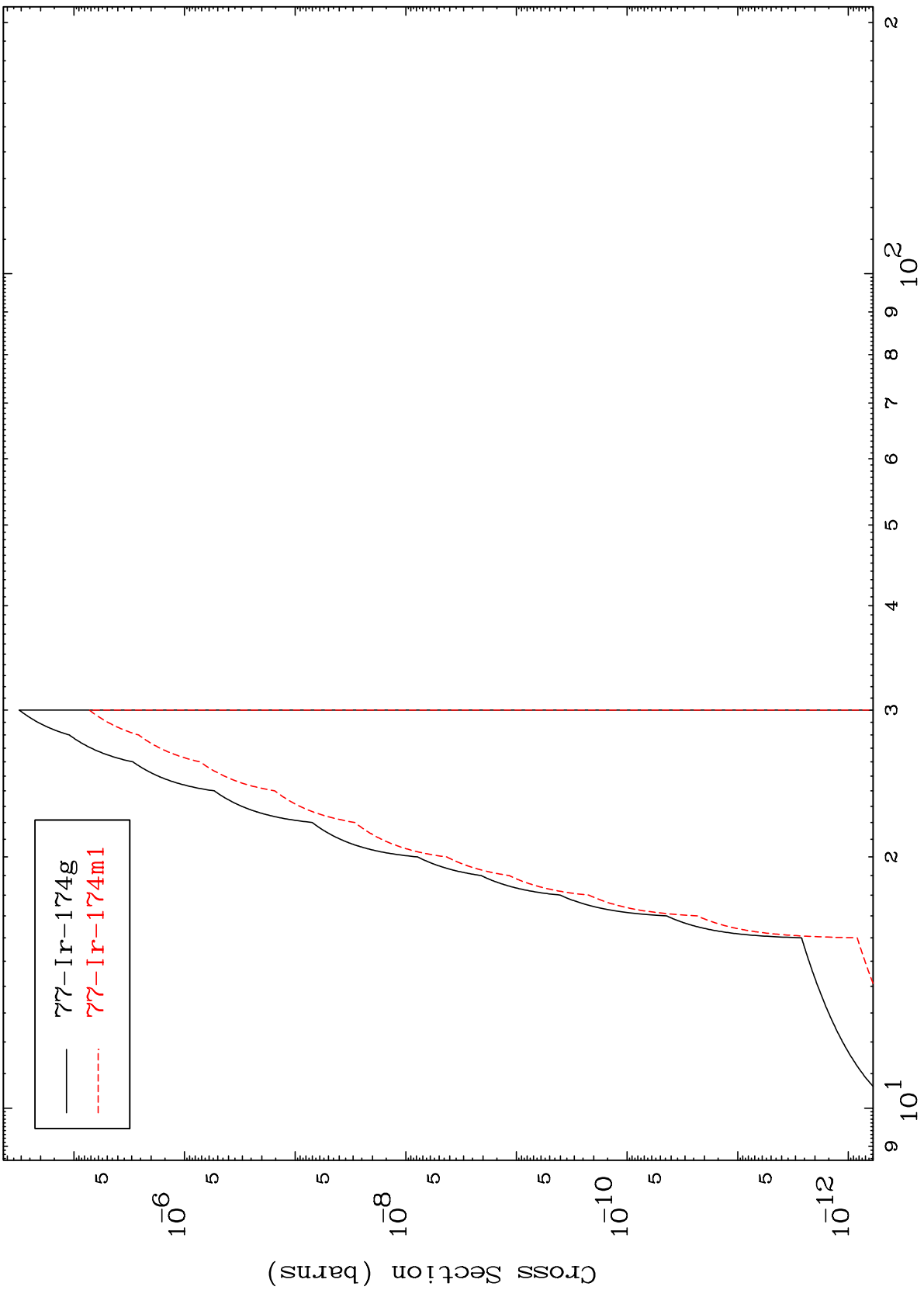
— ⁷⁹Au-177g
- - - ⁷⁹Au-177m2

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(n,2n) α

⁷⁷Ir-177

Radionuclide Production Cross Section



— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1

Incident Energy (MeV)

⁷⁷Ir-177

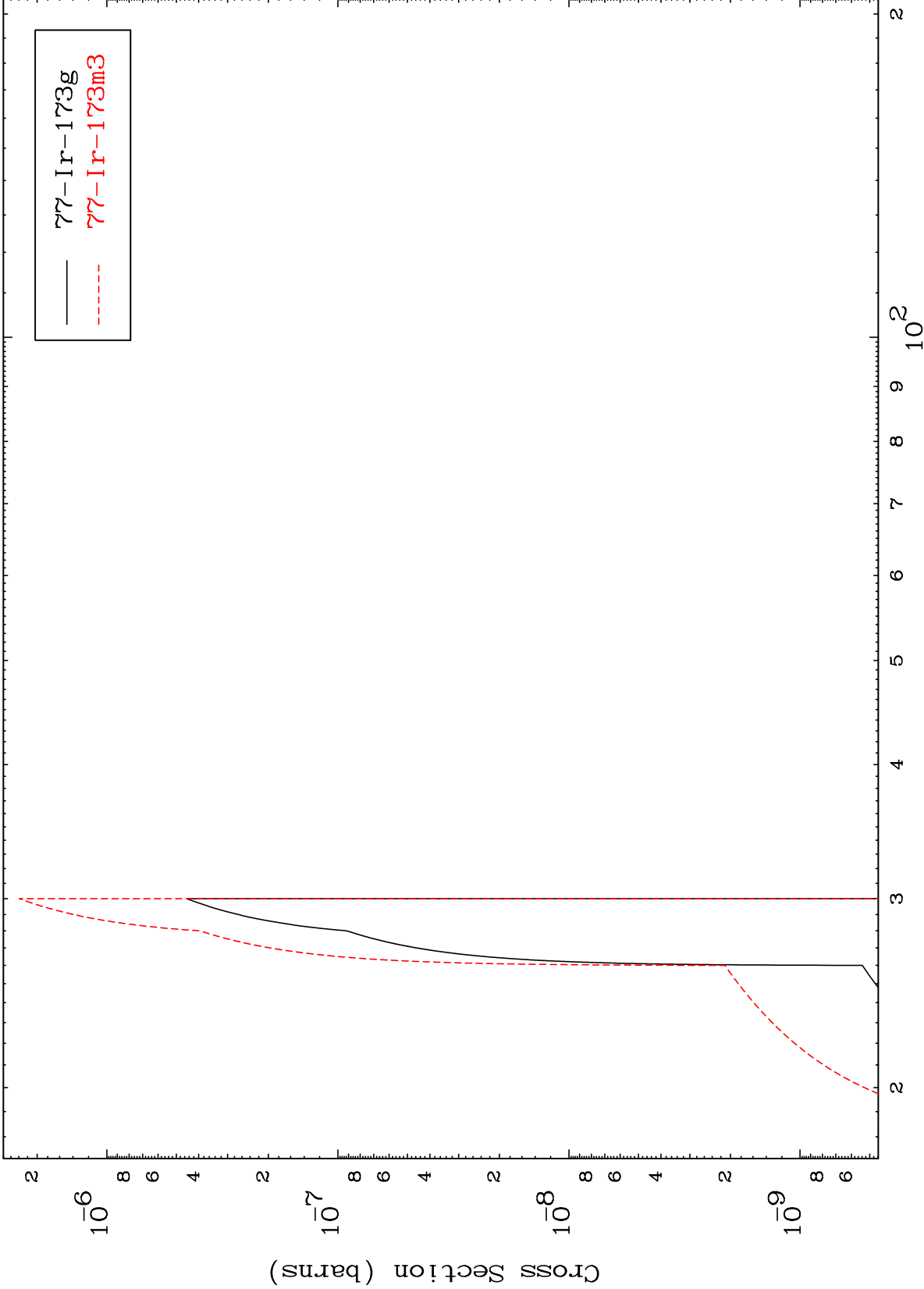
14

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$(n,3n) \alpha$

$^{77}\text{Ir-177}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

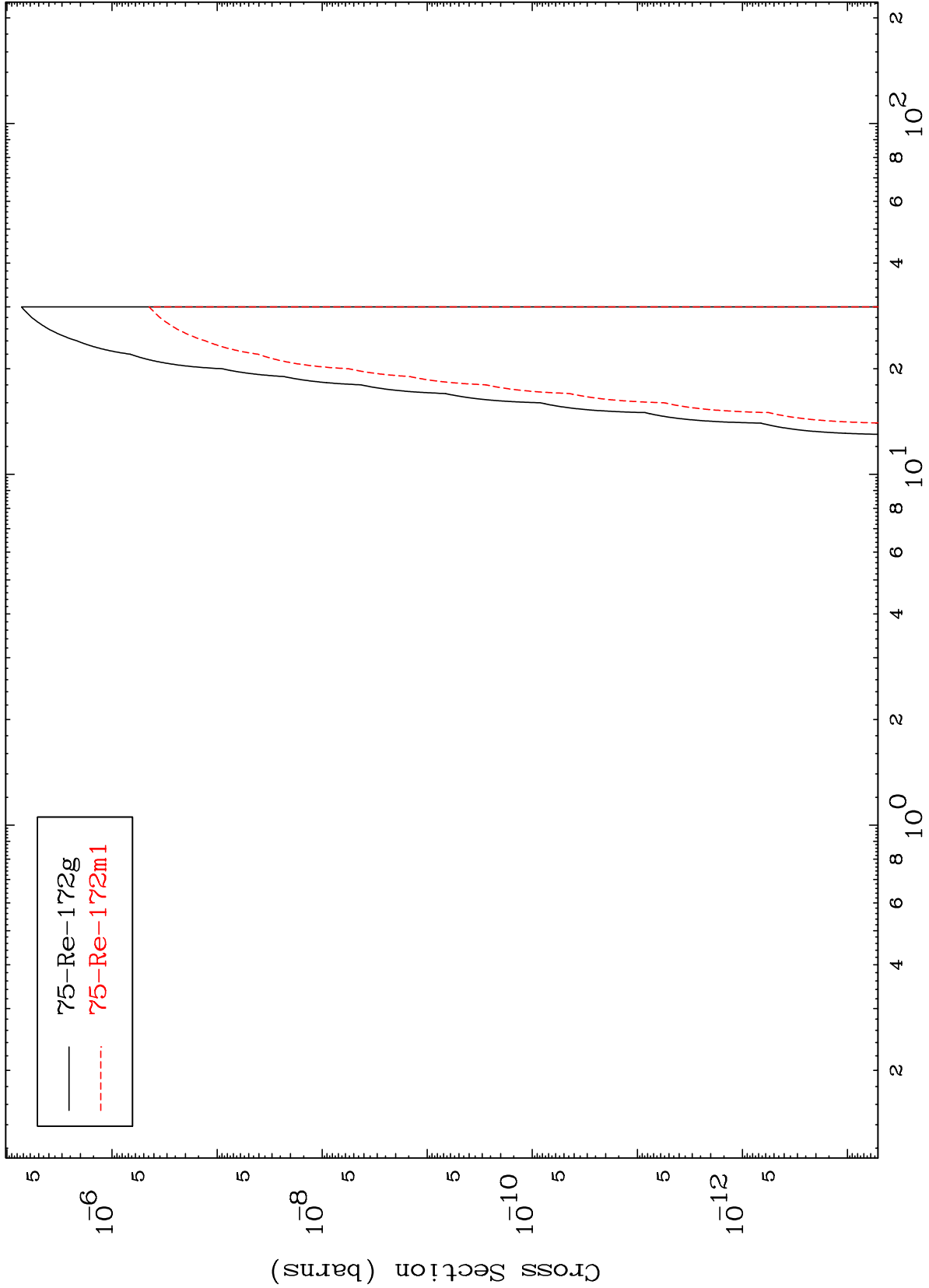
$^{77}\text{Ir-177}$

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(n,2α)

⁷⁷Ir-177

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷⁷Ir-177