

Program EVALPLOT
(Version 2021-1)

by

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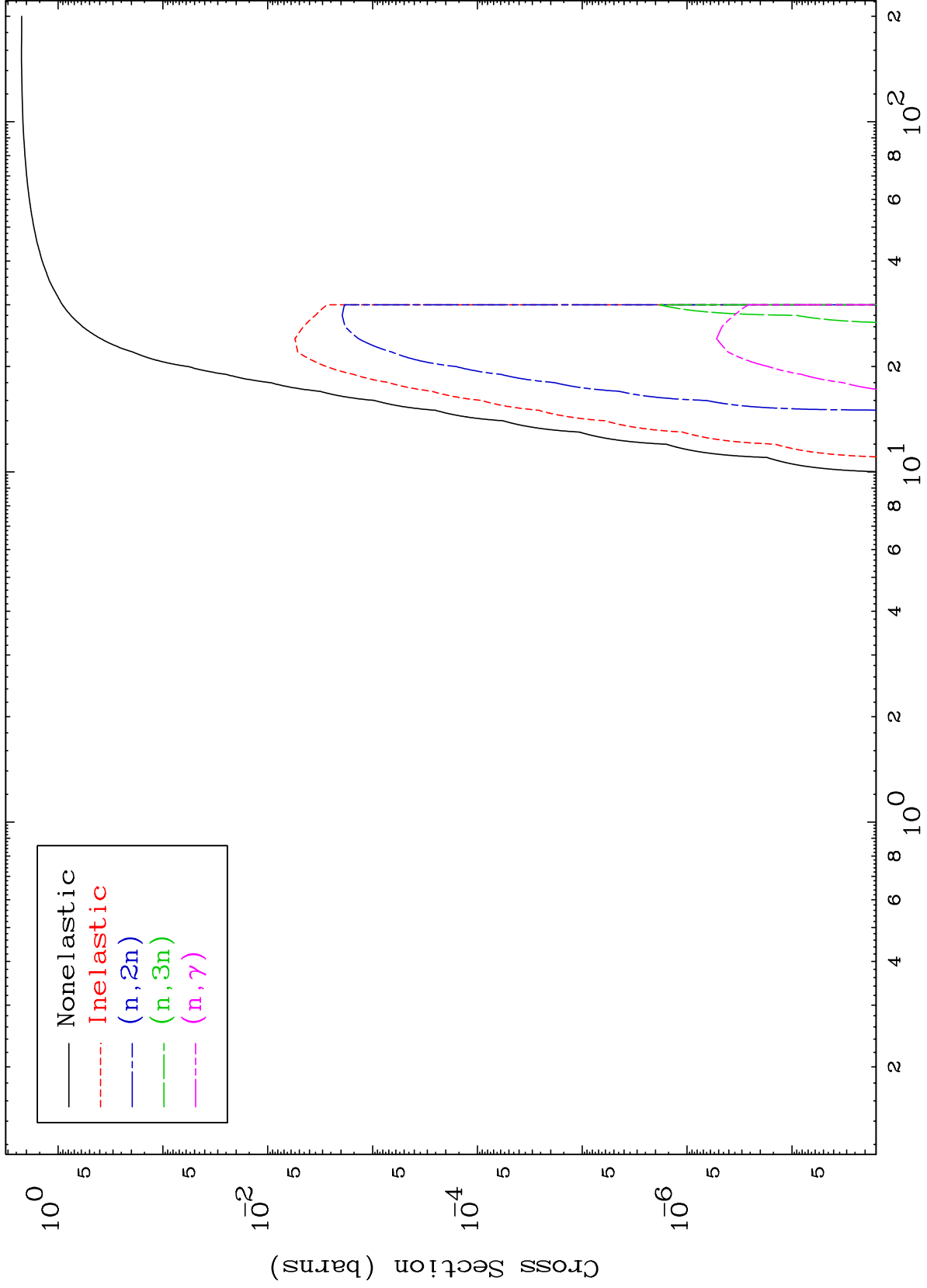
Press Mouse Button to Start

MAT 7674

He-3 Major

77-Ir-174

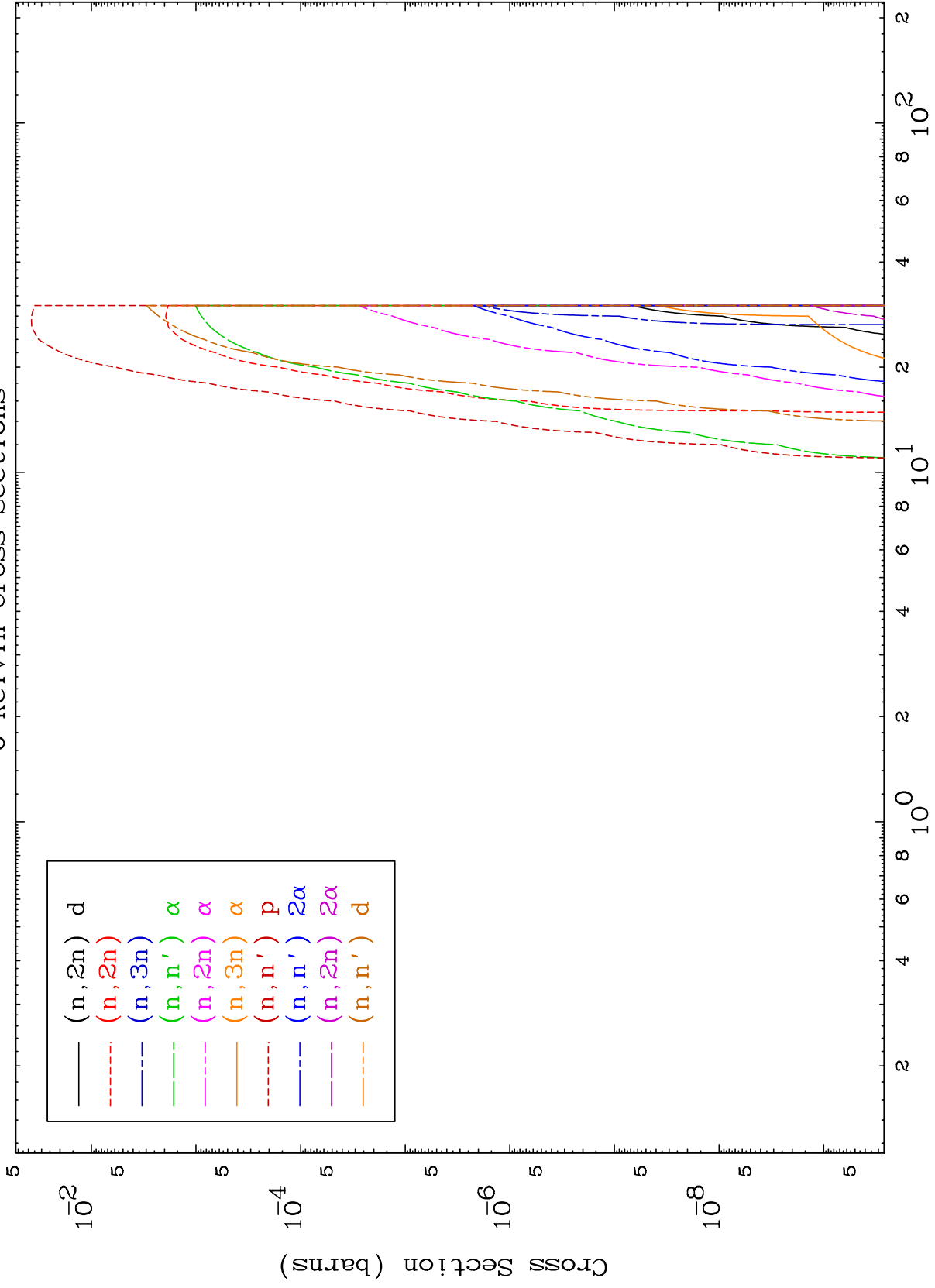
0 Kelvin Cross Sections



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He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-174



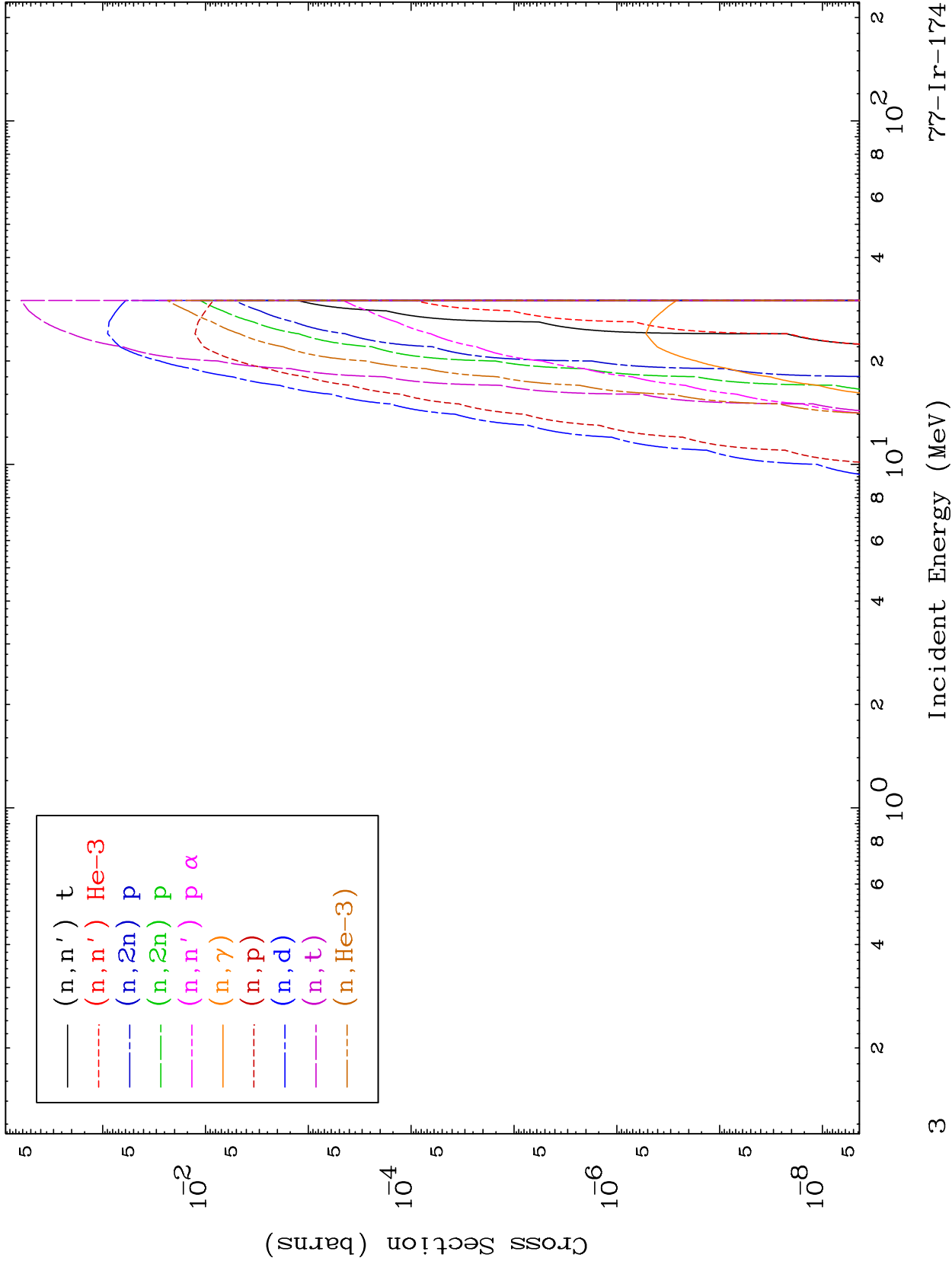
77-Ir-174

Incident Energy (MeV)

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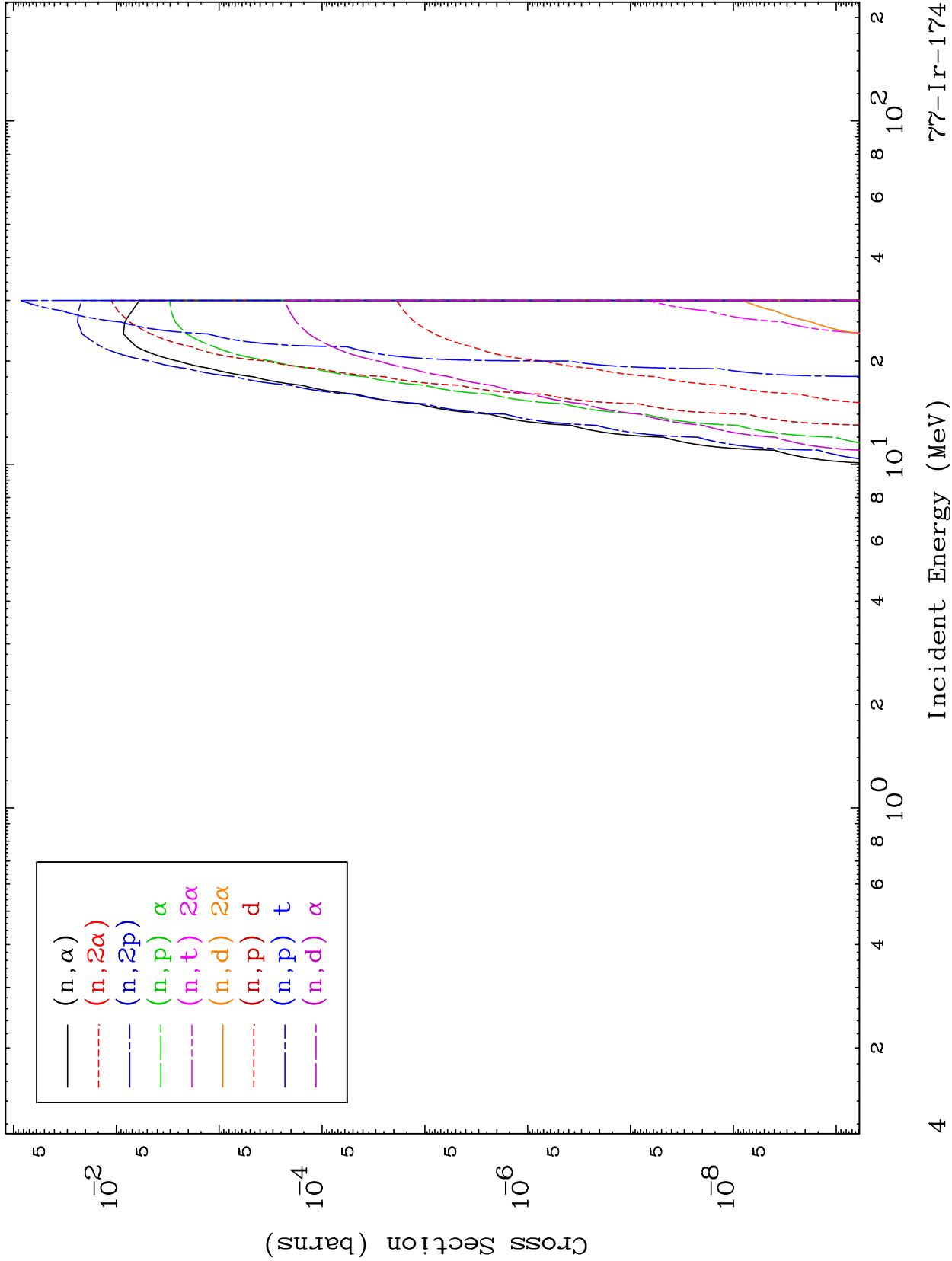
He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-174



77-Ir-174

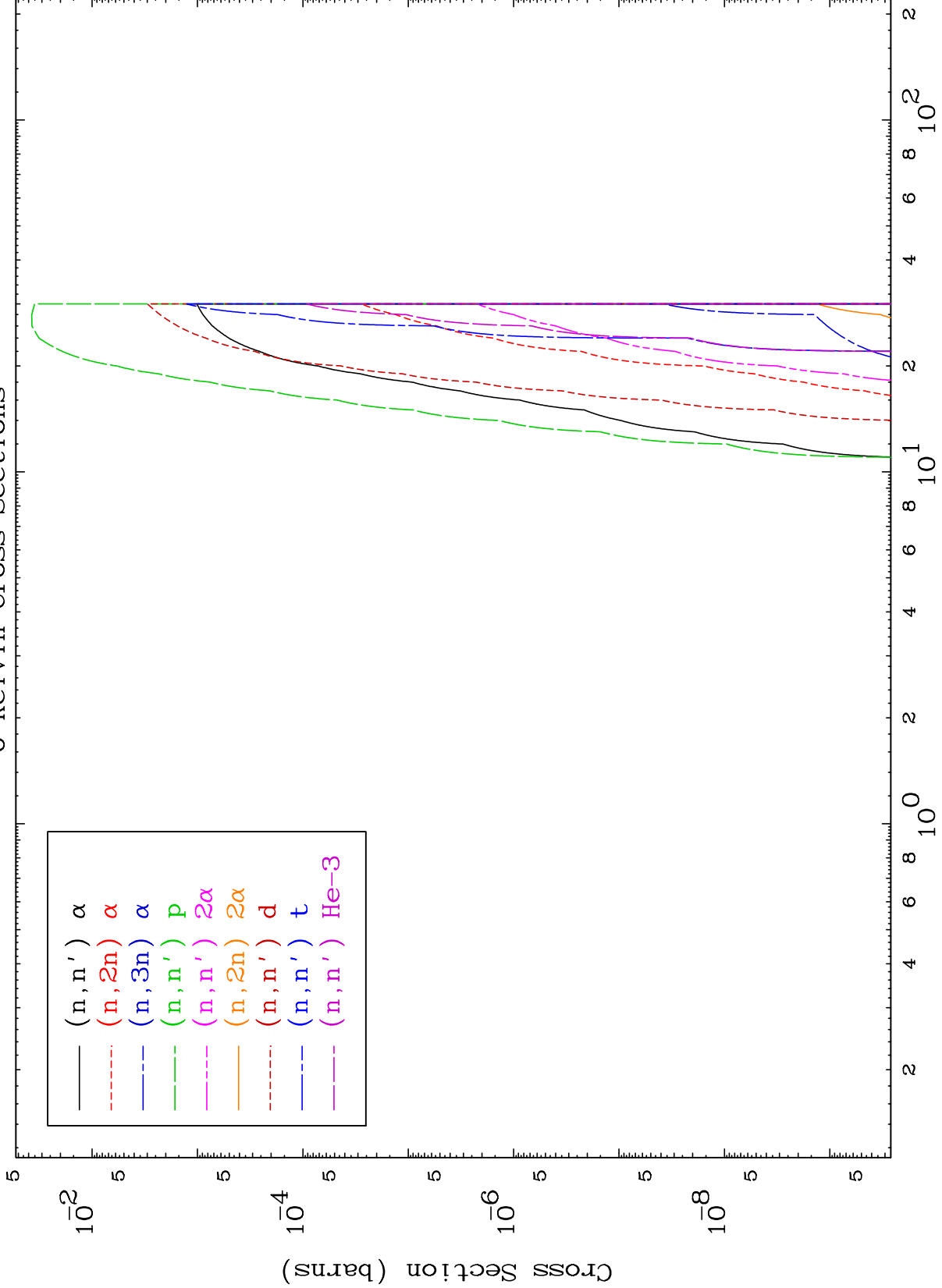
Incident Energy (MeV)



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He-3 Charged Particle
0 Kelvin Cross Sections

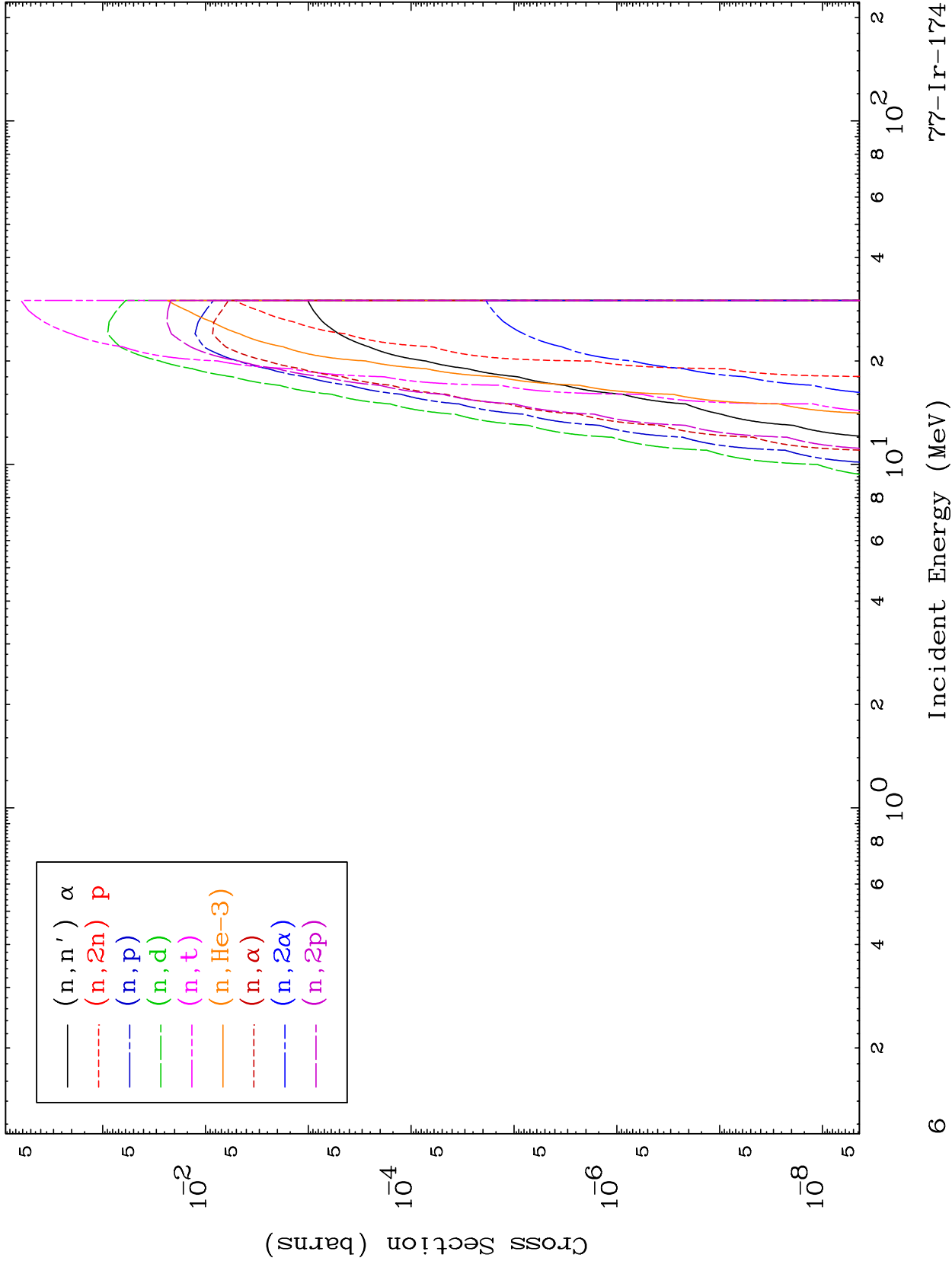
77-Ir-174

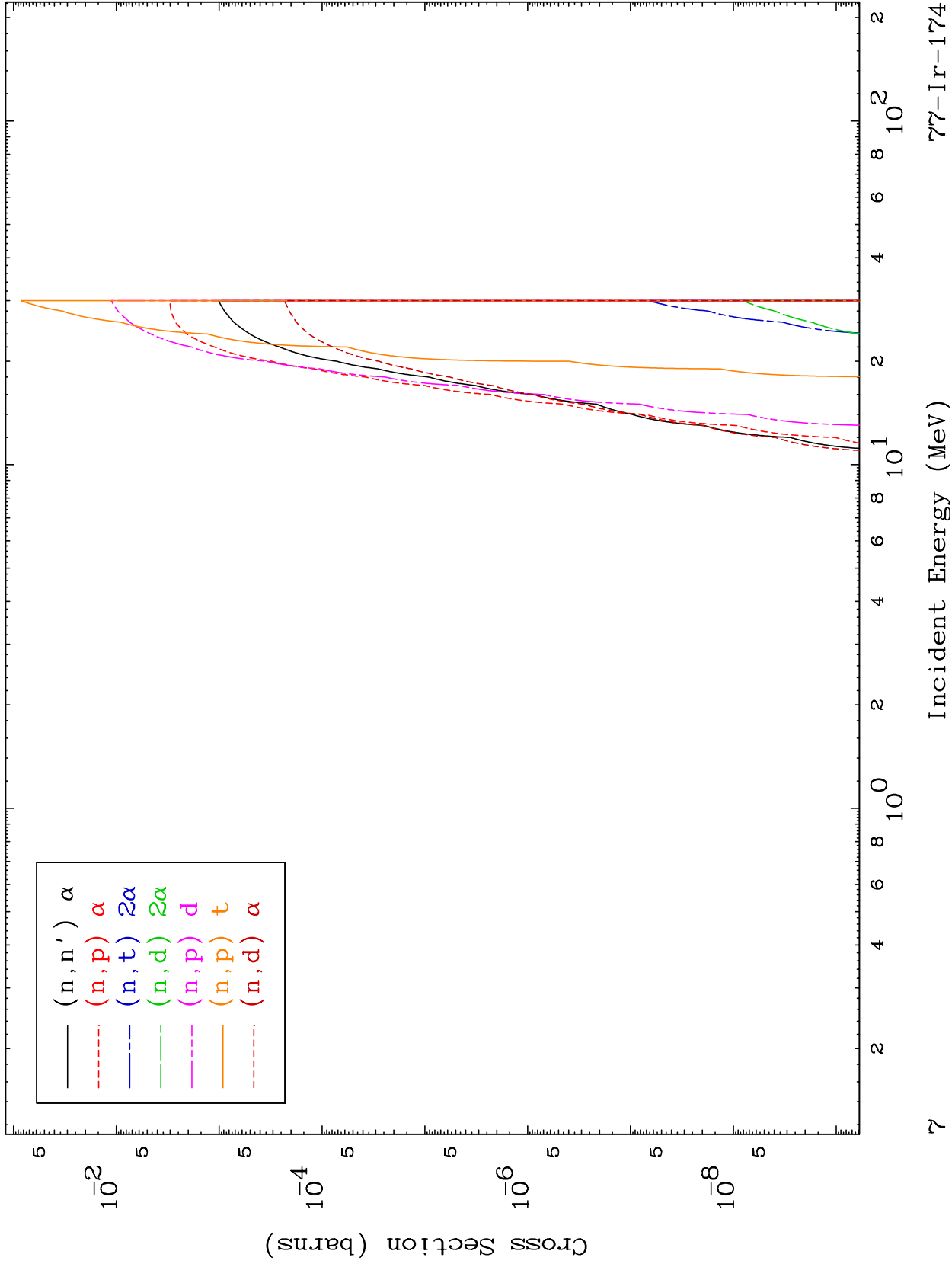


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Incident Energy (MeV)

77-Ir-174



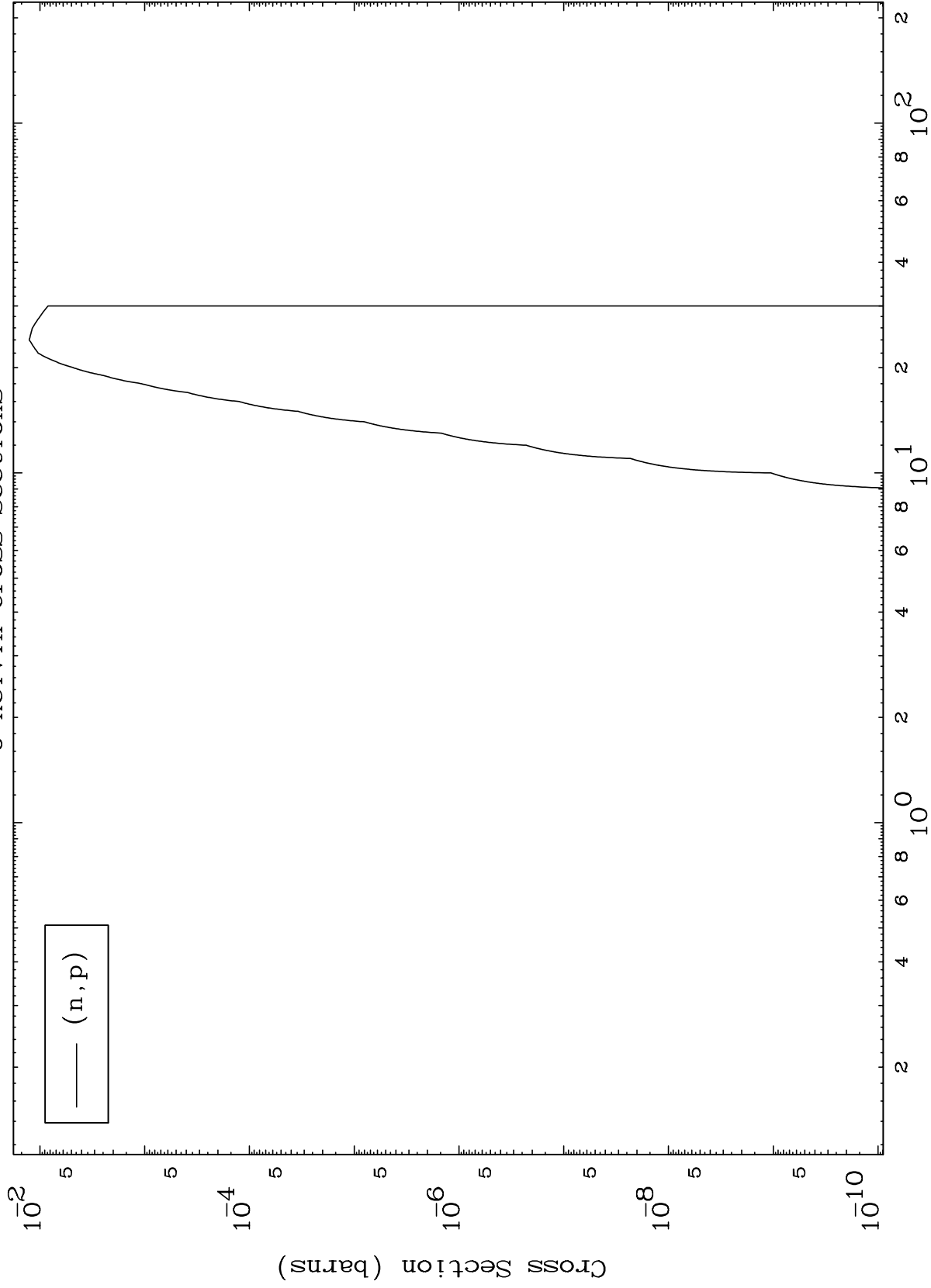


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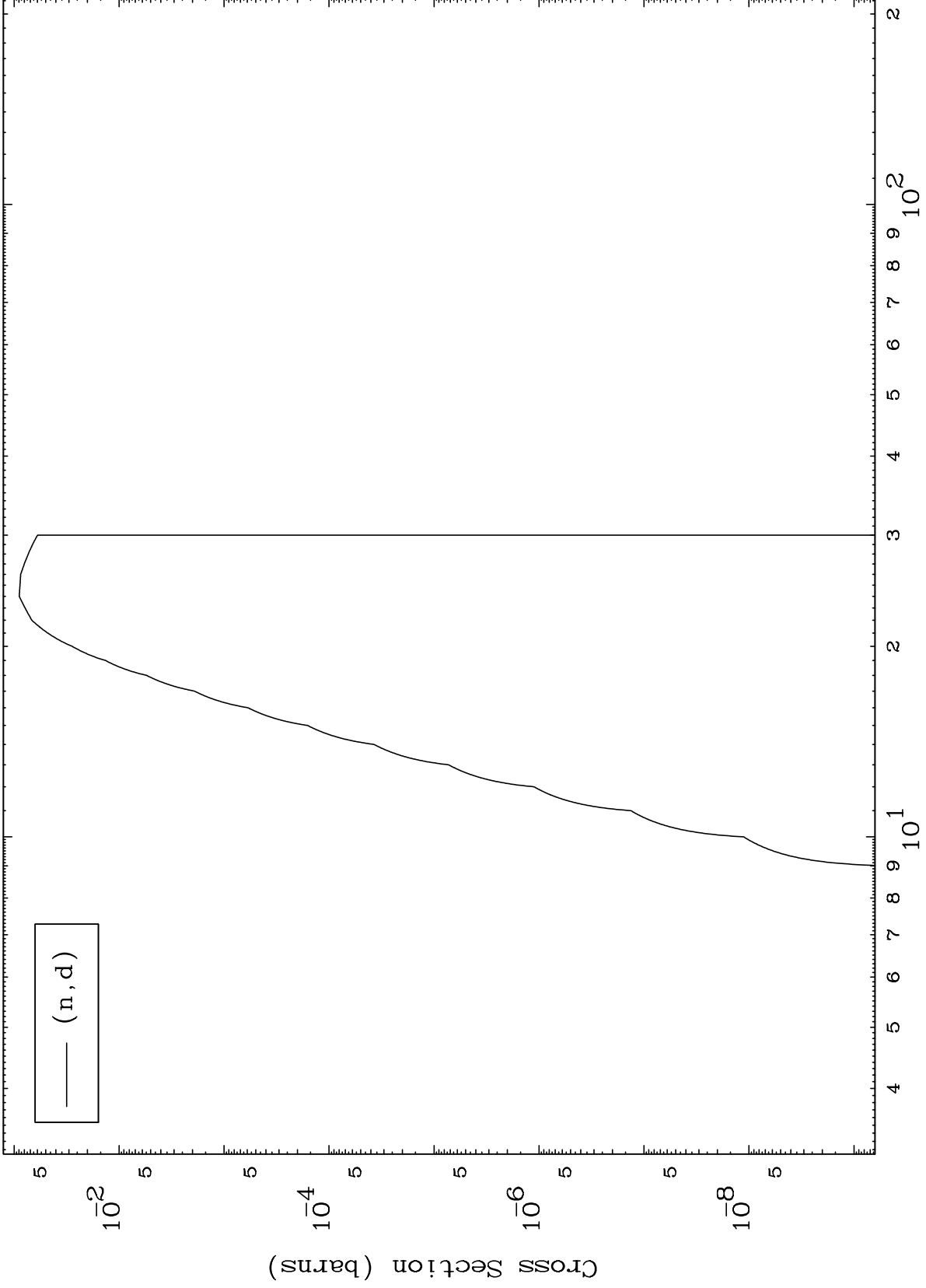
(He-3,p) Levels

77-Ir-174

0 Kelvin Cross Sections



0 Kelvin Cross Sections

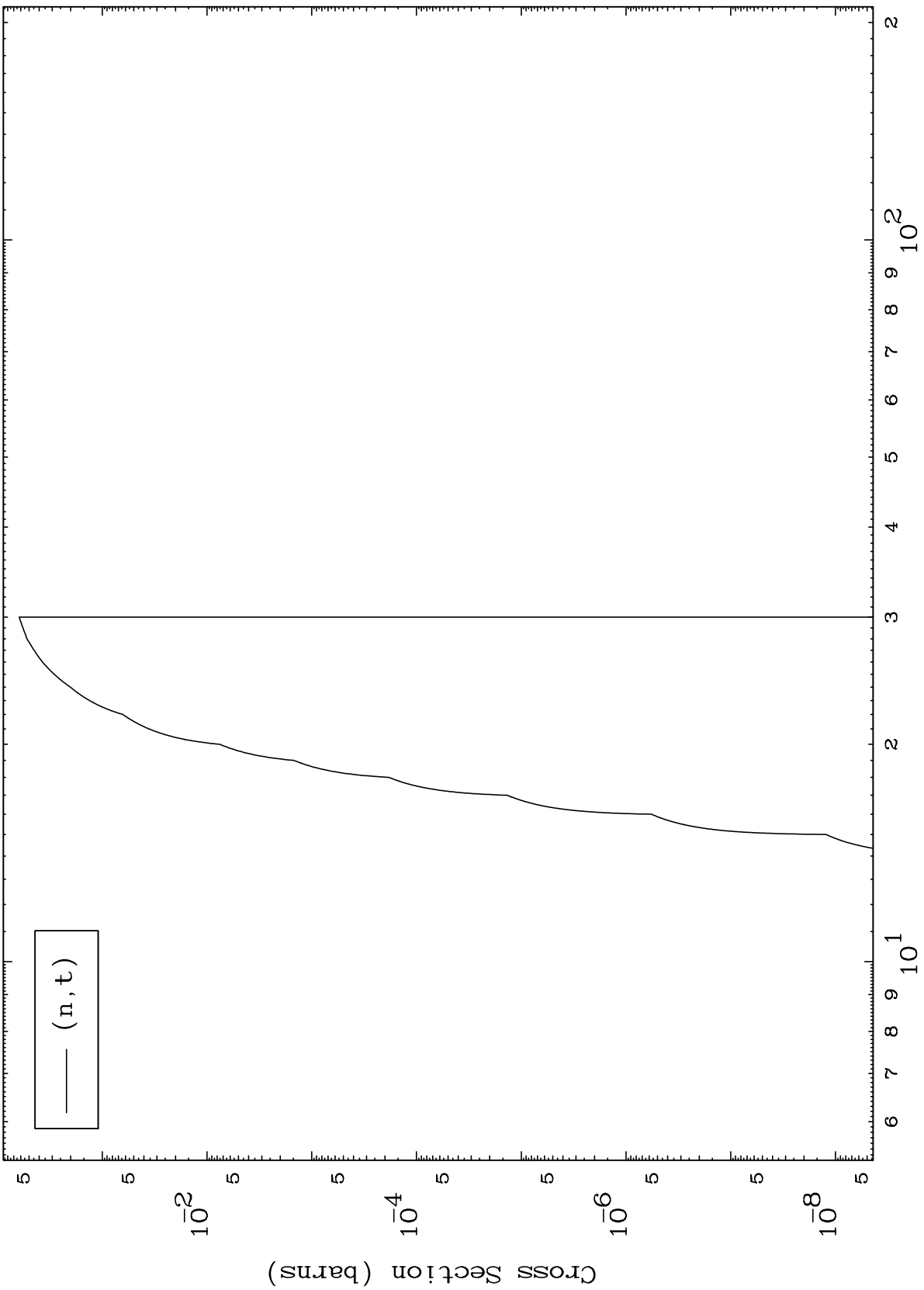


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(He-3, t) Levels

77-Ir-174

0 Kelvin Cross Sections



10

Incident Energy (MeV)

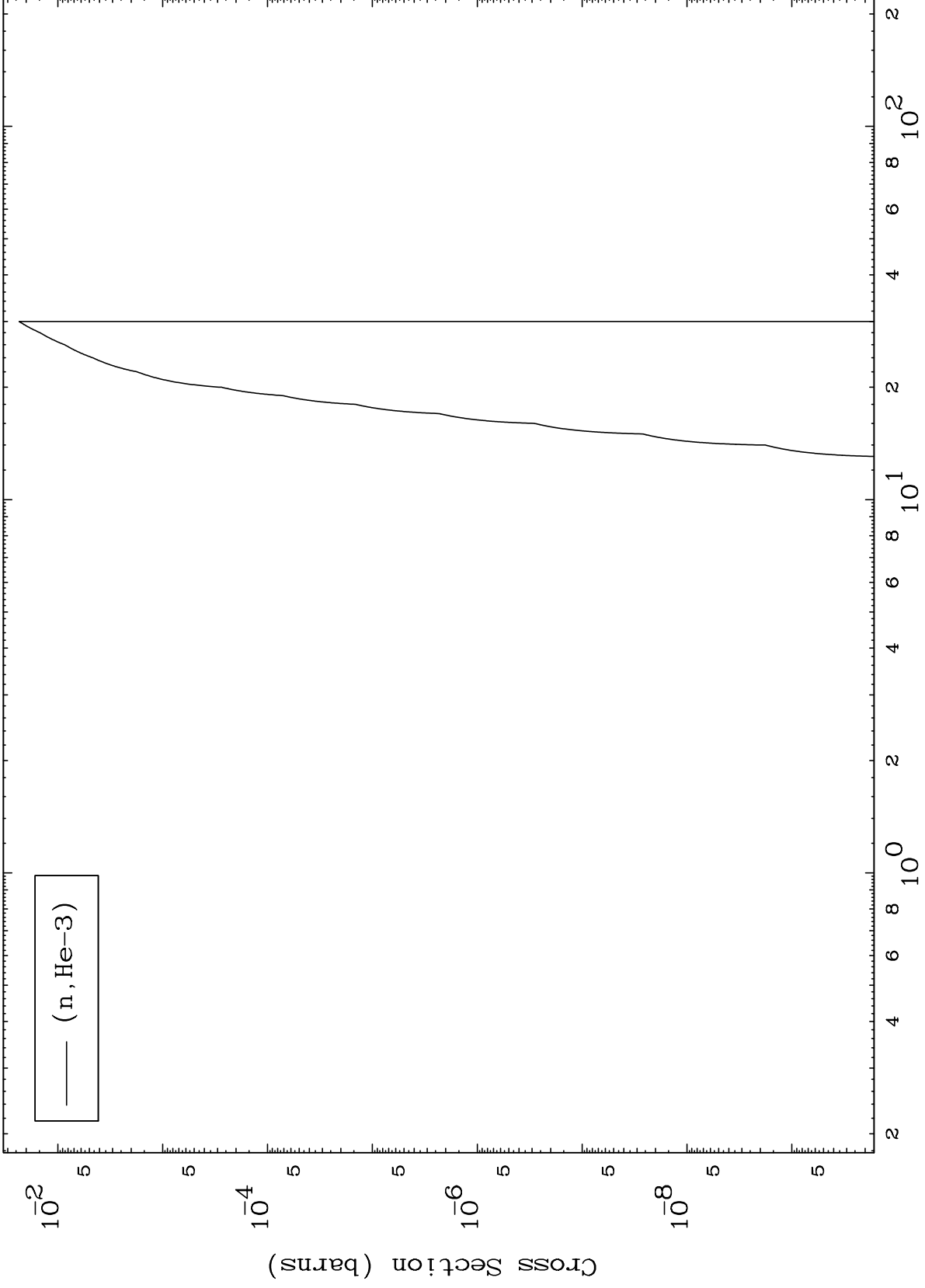
77-Ir-174

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(He-3, He3) Levels

77-Ir-174

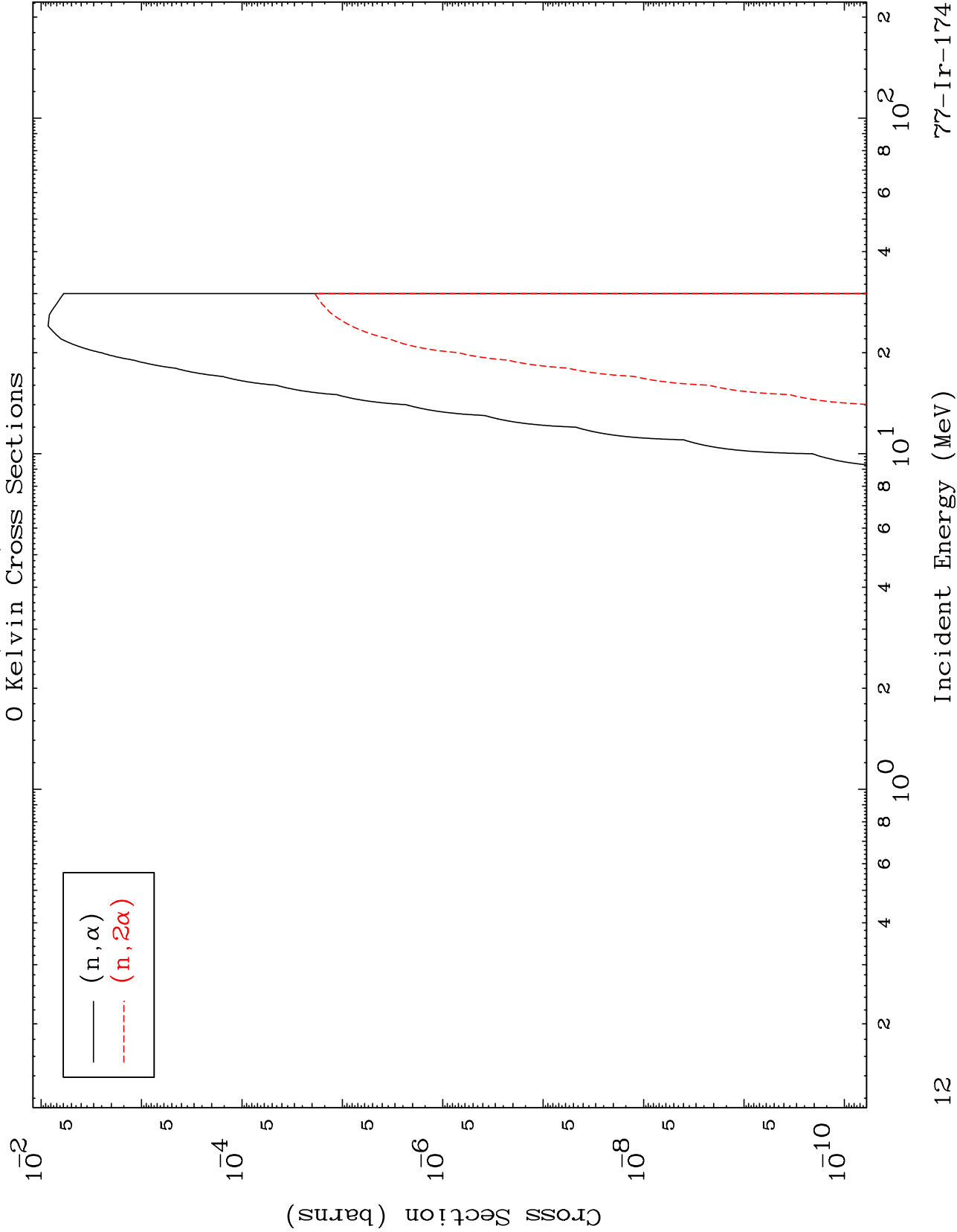
0 Kelvin Cross Sections



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(He-3, α) Levels

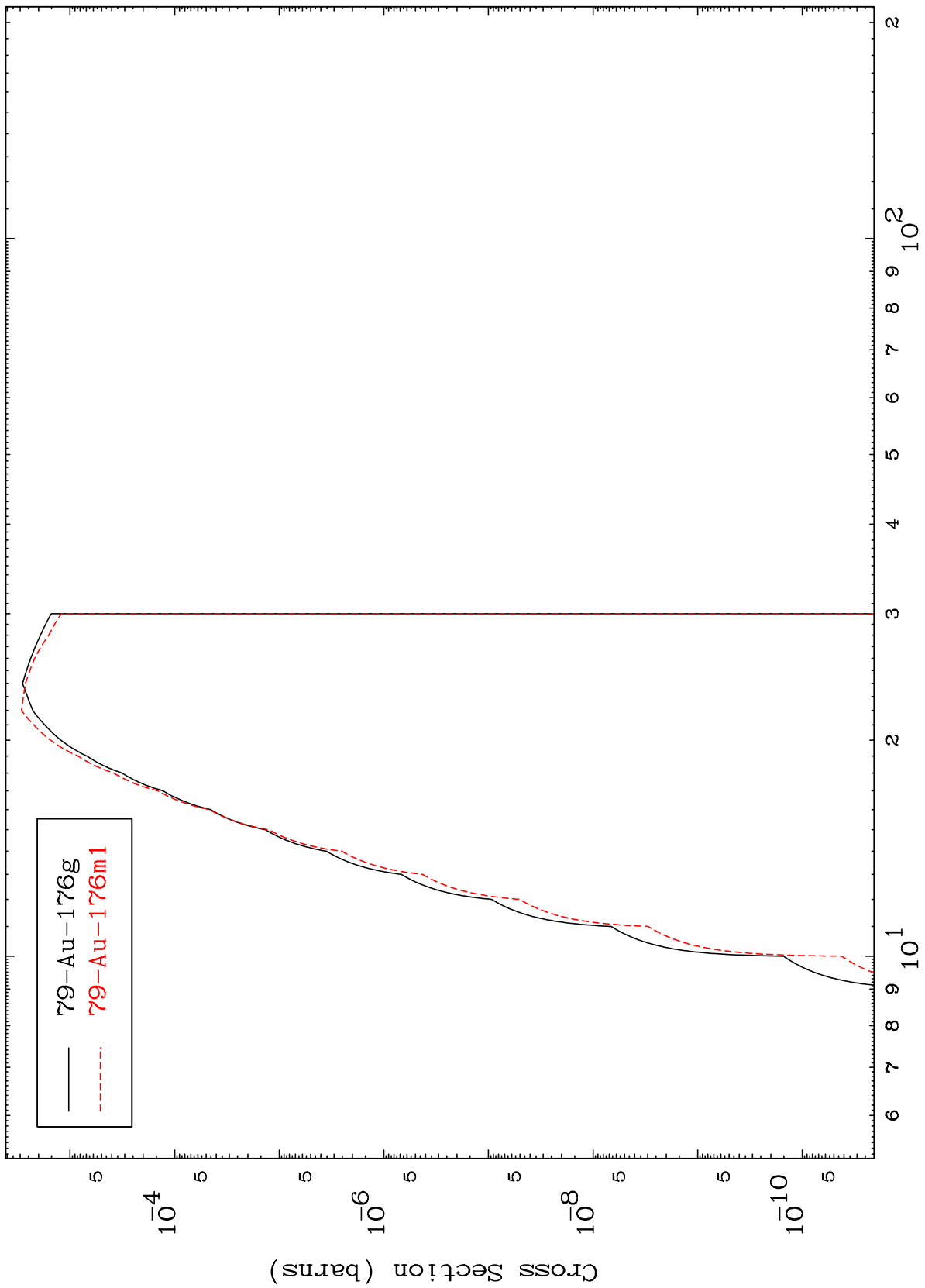
77-Ir-174



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77-Ir-174

Inelastic
Radionuclide Production Cross Section



77-Ir-174

Incident Energy (MeV)

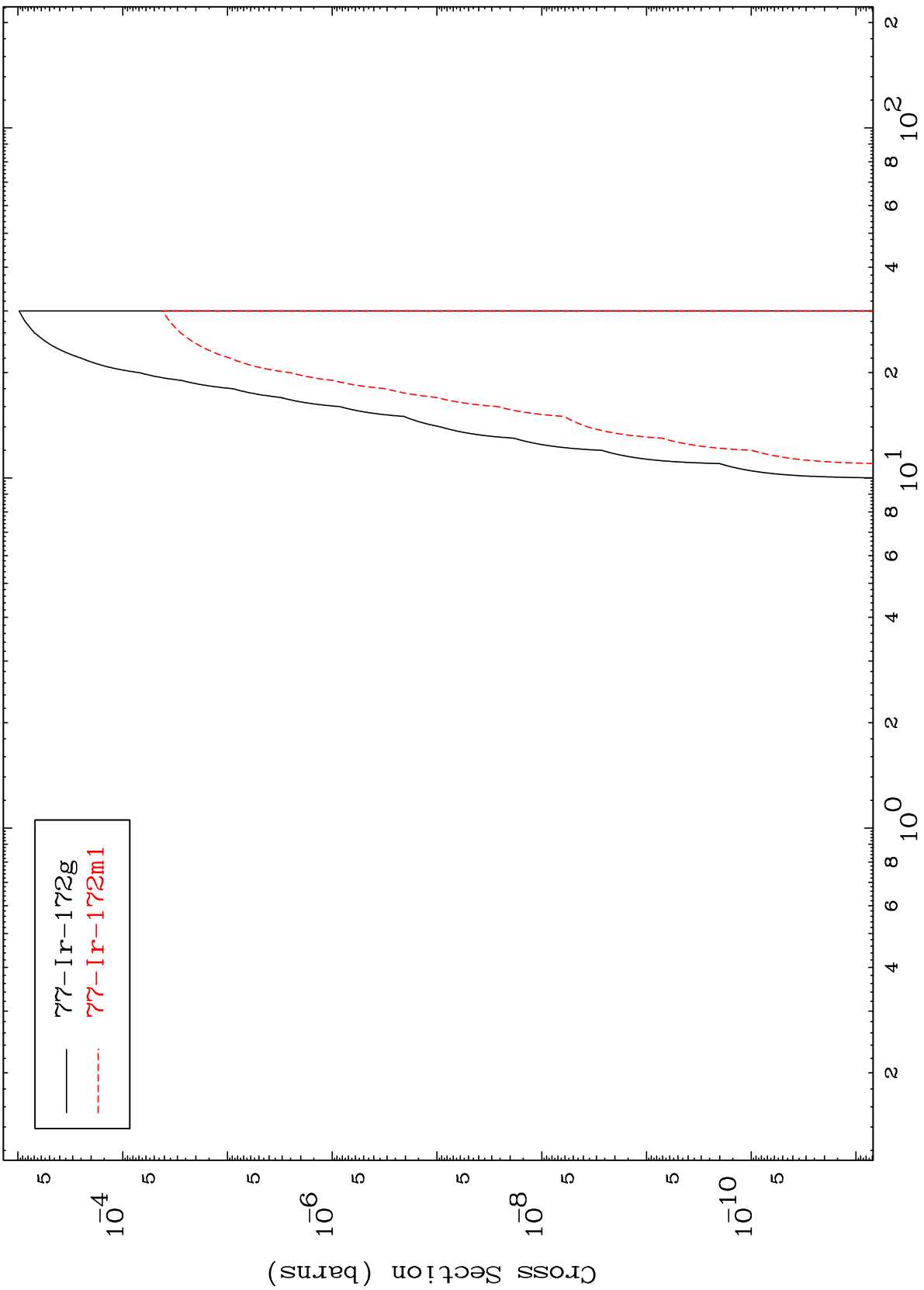
13

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$(n, n') \alpha$

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

Radionuclide Production Cross Section



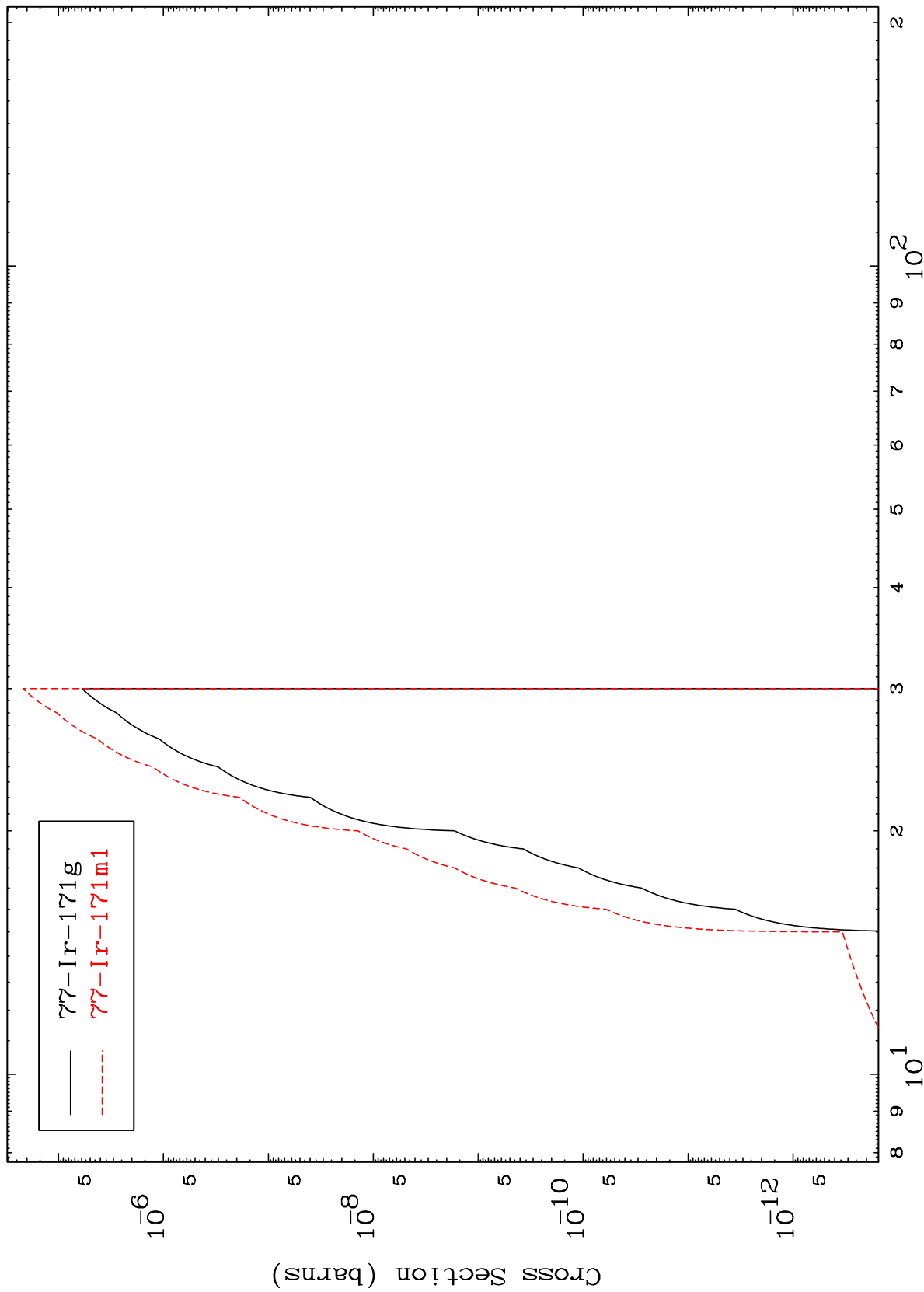
— $^{77}\text{Ir-172g}$
- - - $^{77}\text{Ir-172m1}$

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⁷⁷Ir-174

(n,2n) α

Radionuclide Production Cross Section



⁷⁷Ir-174

Incident Energy (MeV)

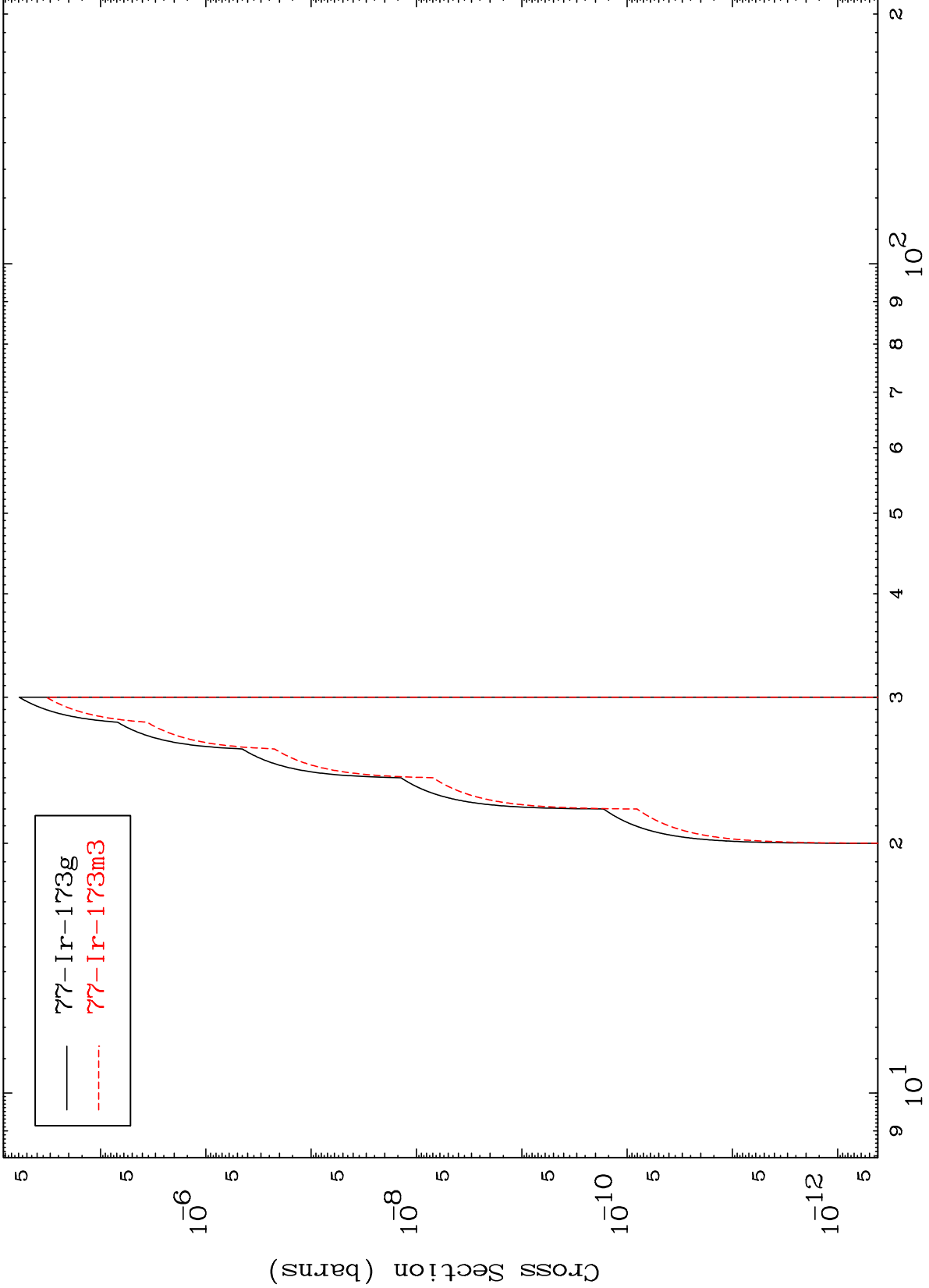
15

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(n,n') He-3

⁷⁷Ir-174

Radionuclide Production Cross Section



— ⁷⁷Ir-173g
- - - ⁷⁷Ir-173m3

16

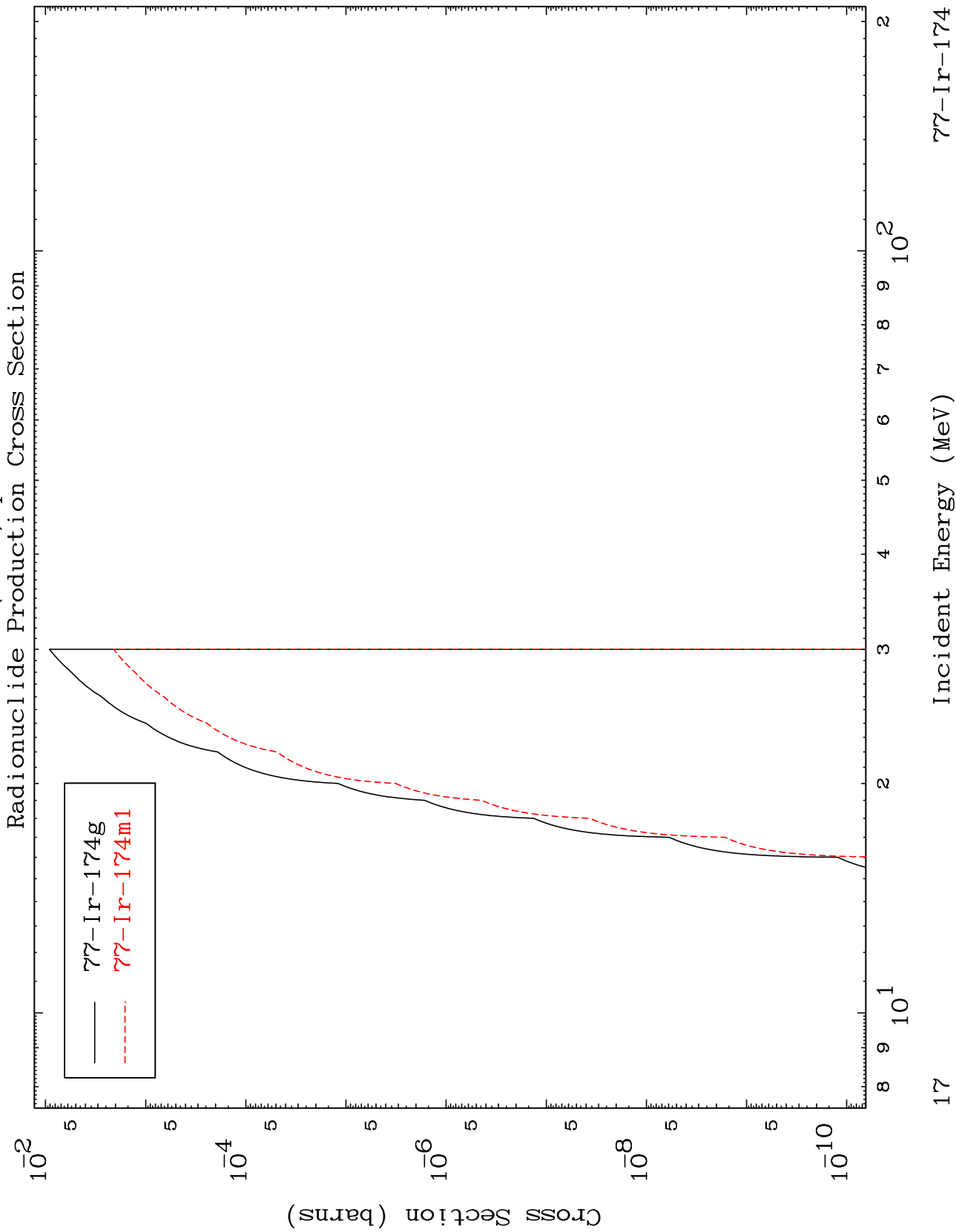
Incident Energy (MeV)

⁷⁷Ir-174

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(n,2n) p

⁷⁷Ir-174

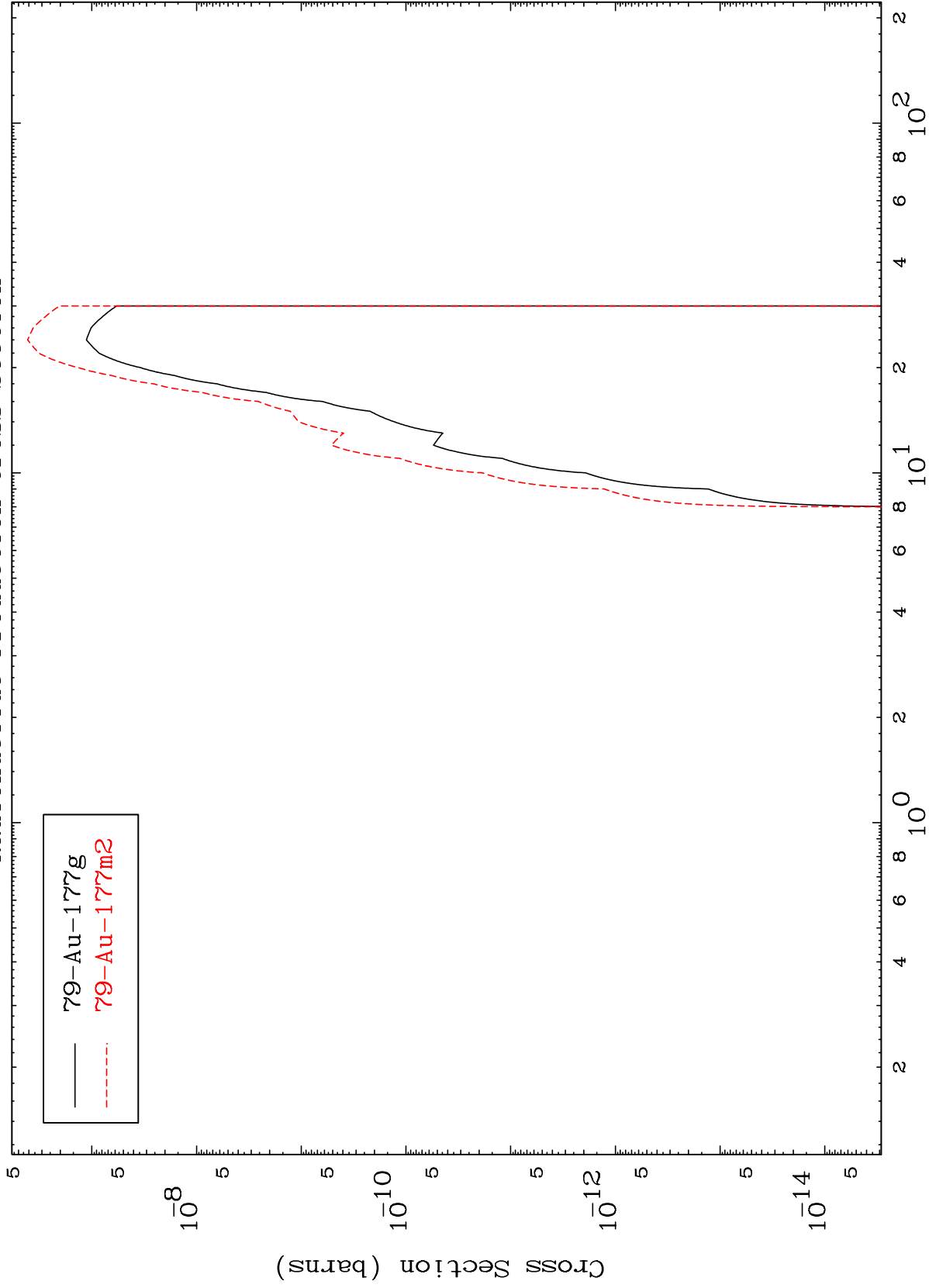


17

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⁷⁷Ir-174

Radionuclide Production Cross Section



18

Incident Energy (MeV)

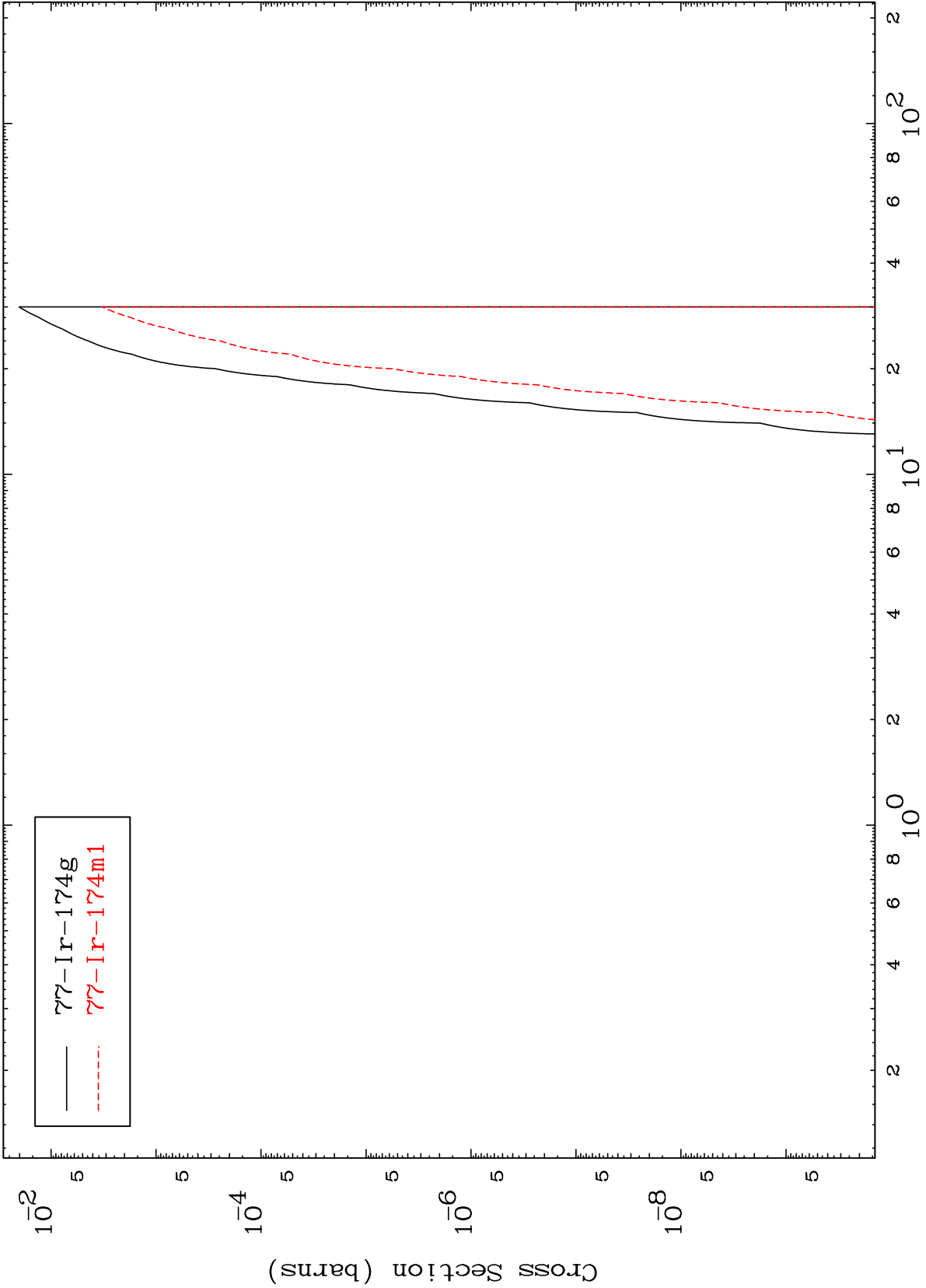
⁷⁷Ir-174

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(n,He-3)

⁷⁷Ir-174

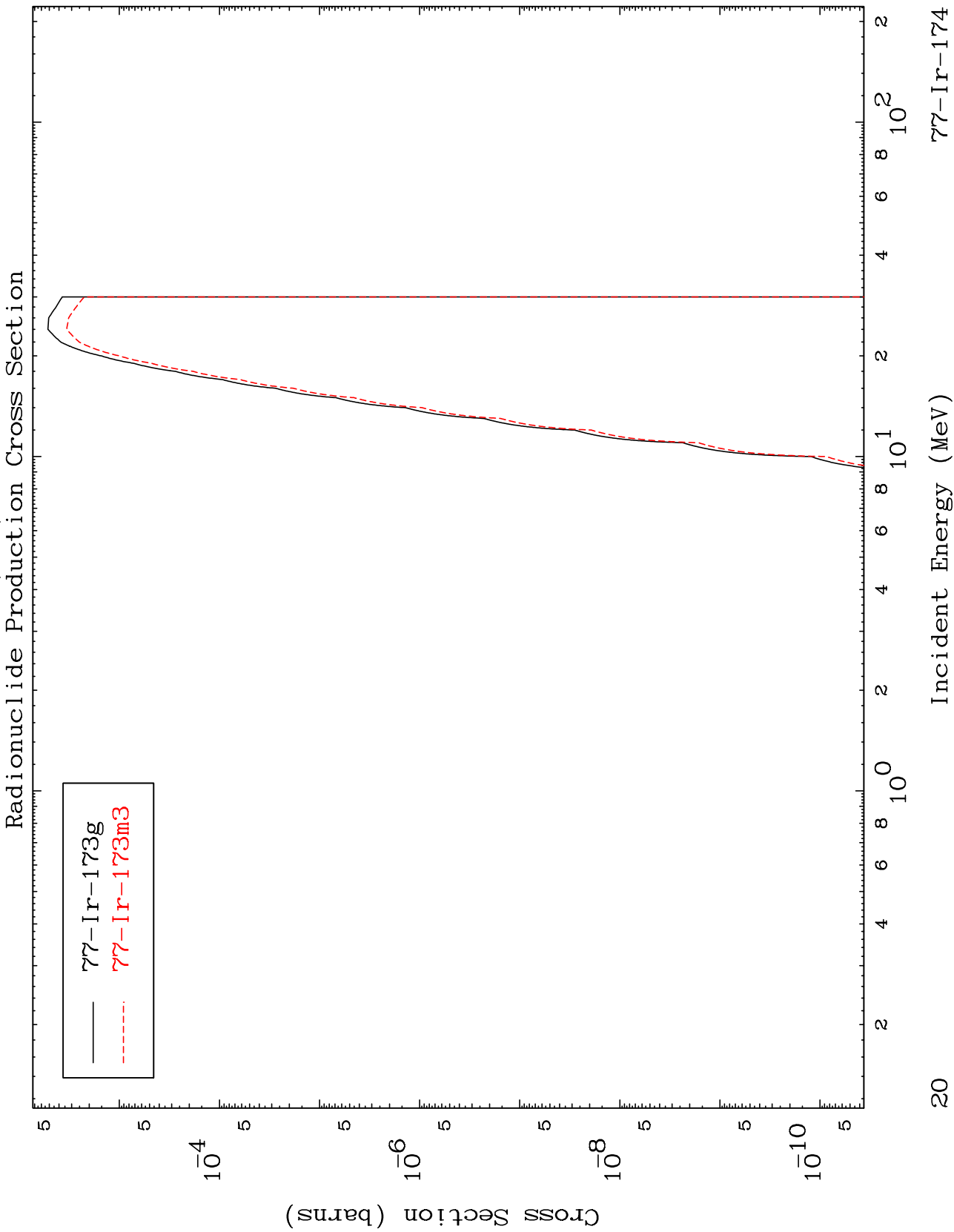
Radionuclide Production Cross Section



— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1

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⁷⁷Ir-174

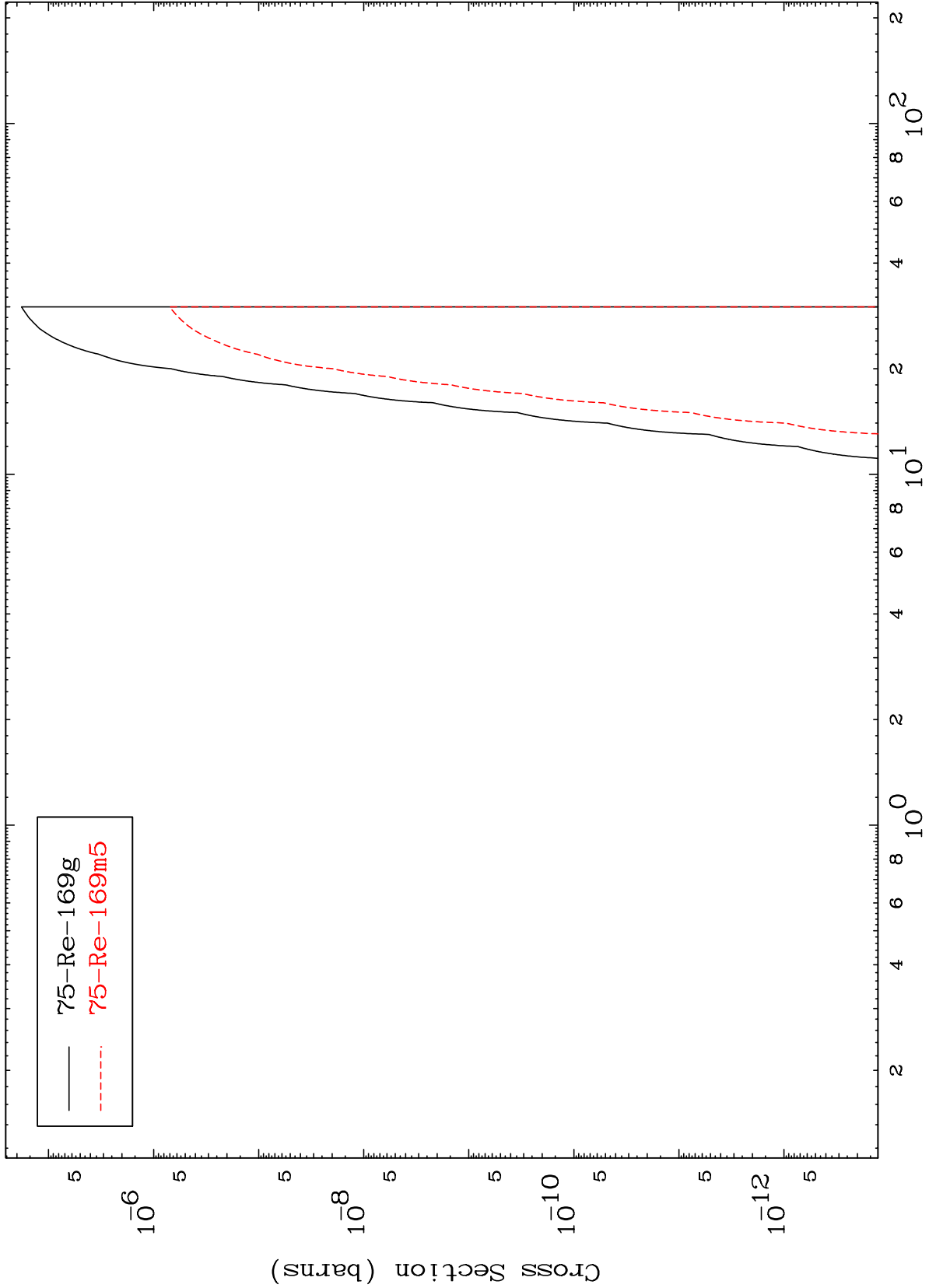


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(n,2α)

77-Ir-174

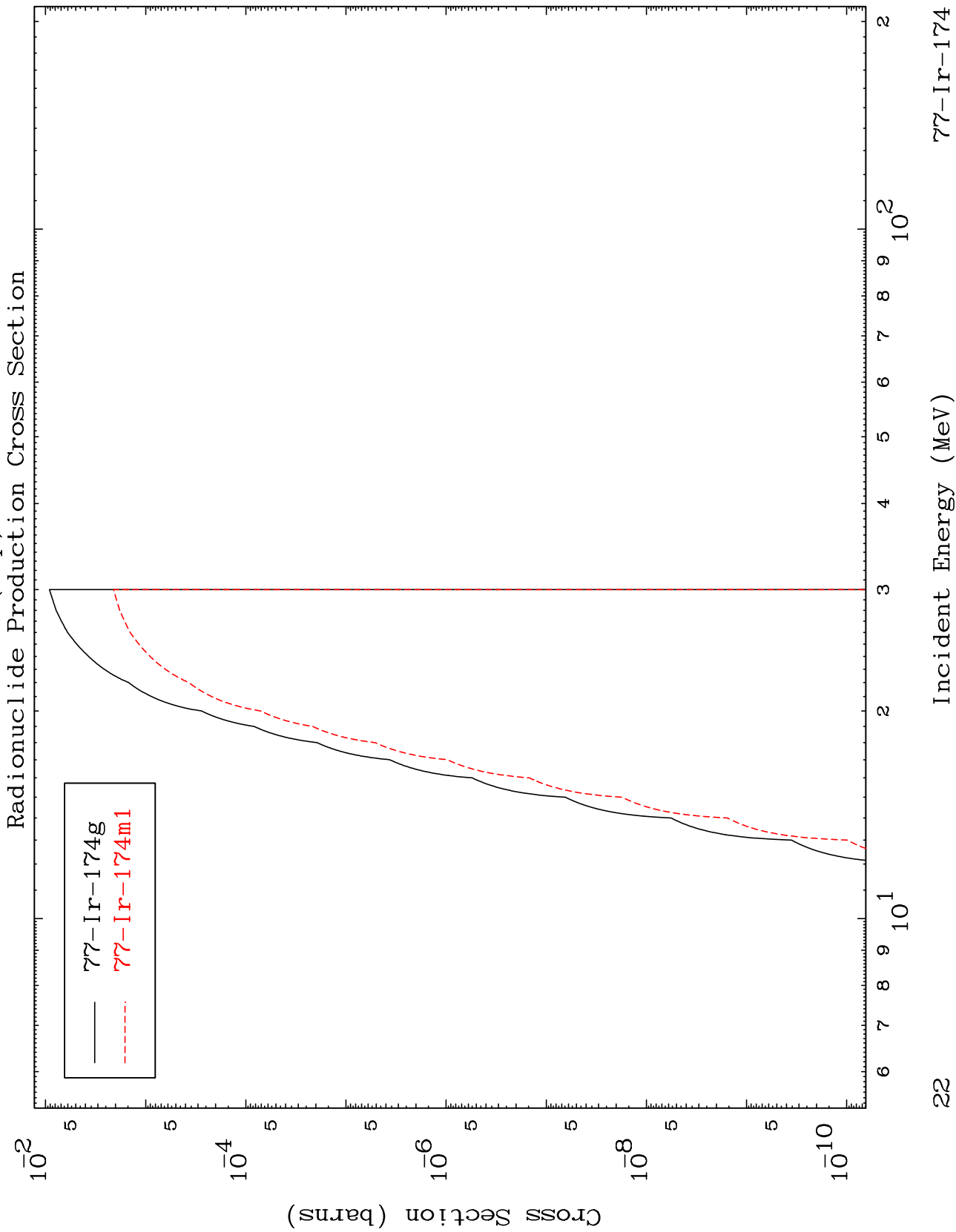
Radionuclide Production Cross Section



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(n,p) d

⁷⁷Ir-174

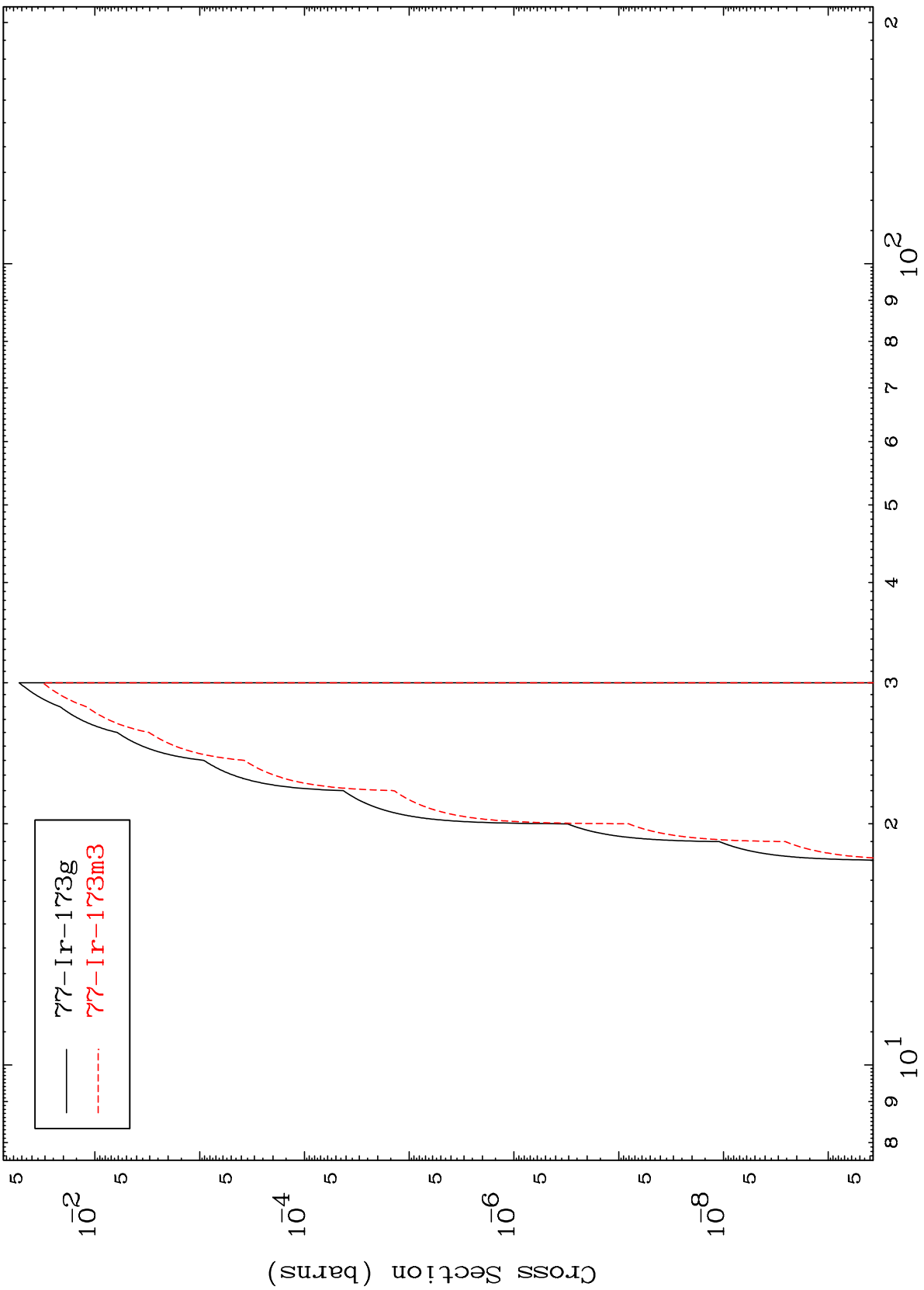


MAT 7674

(n,p) t

⁷⁷Ir-174

Radionuclide Production Cross Section



— ⁷⁷Ir-173g
- - - ⁷⁷Ir-173m3