

Program EVALPLOT
(Version 2021-1)

by

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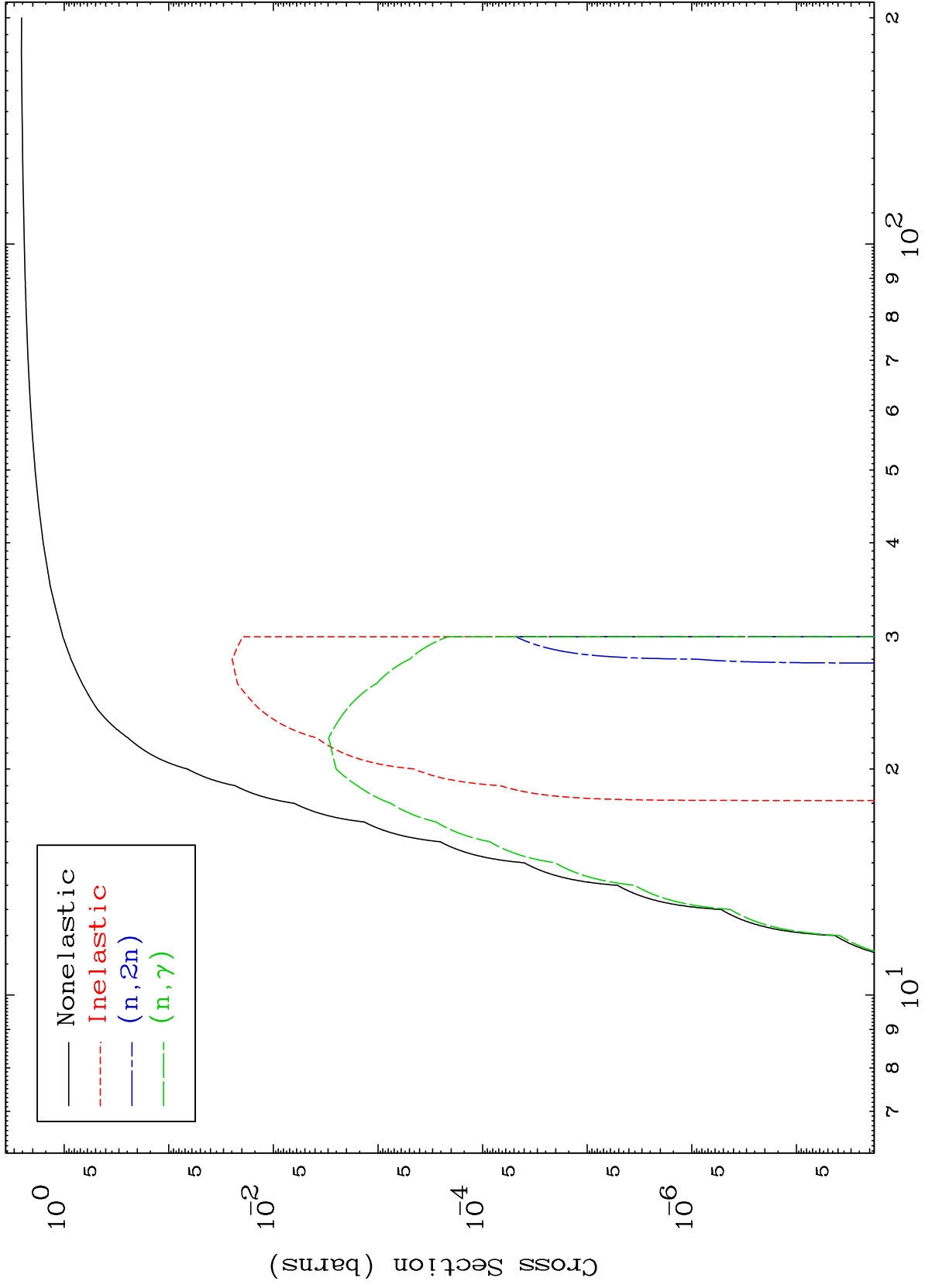
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7666

0 Kelvin Cross Sections

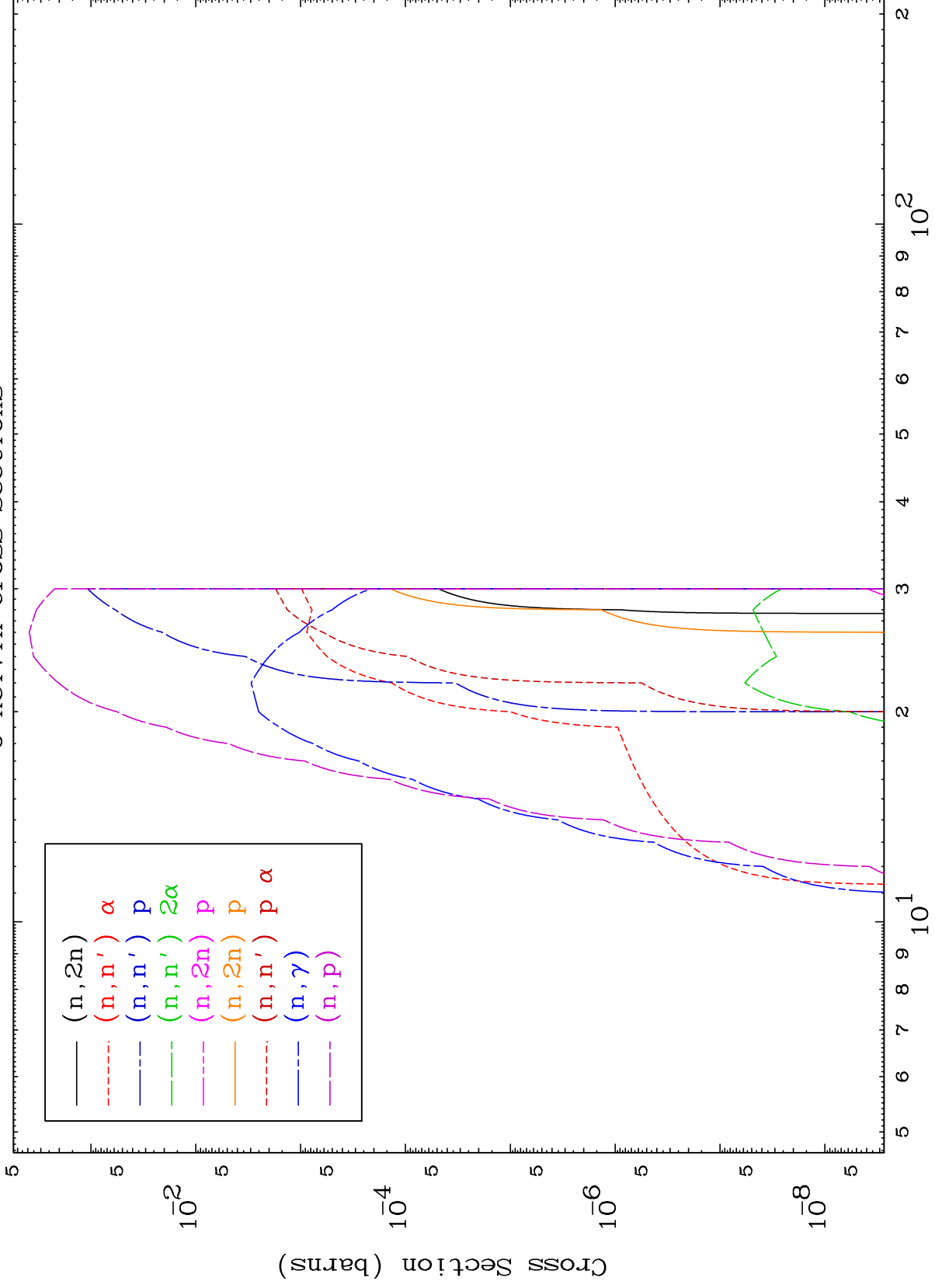
77-Ir-171m



MAT 7666

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-171m



2

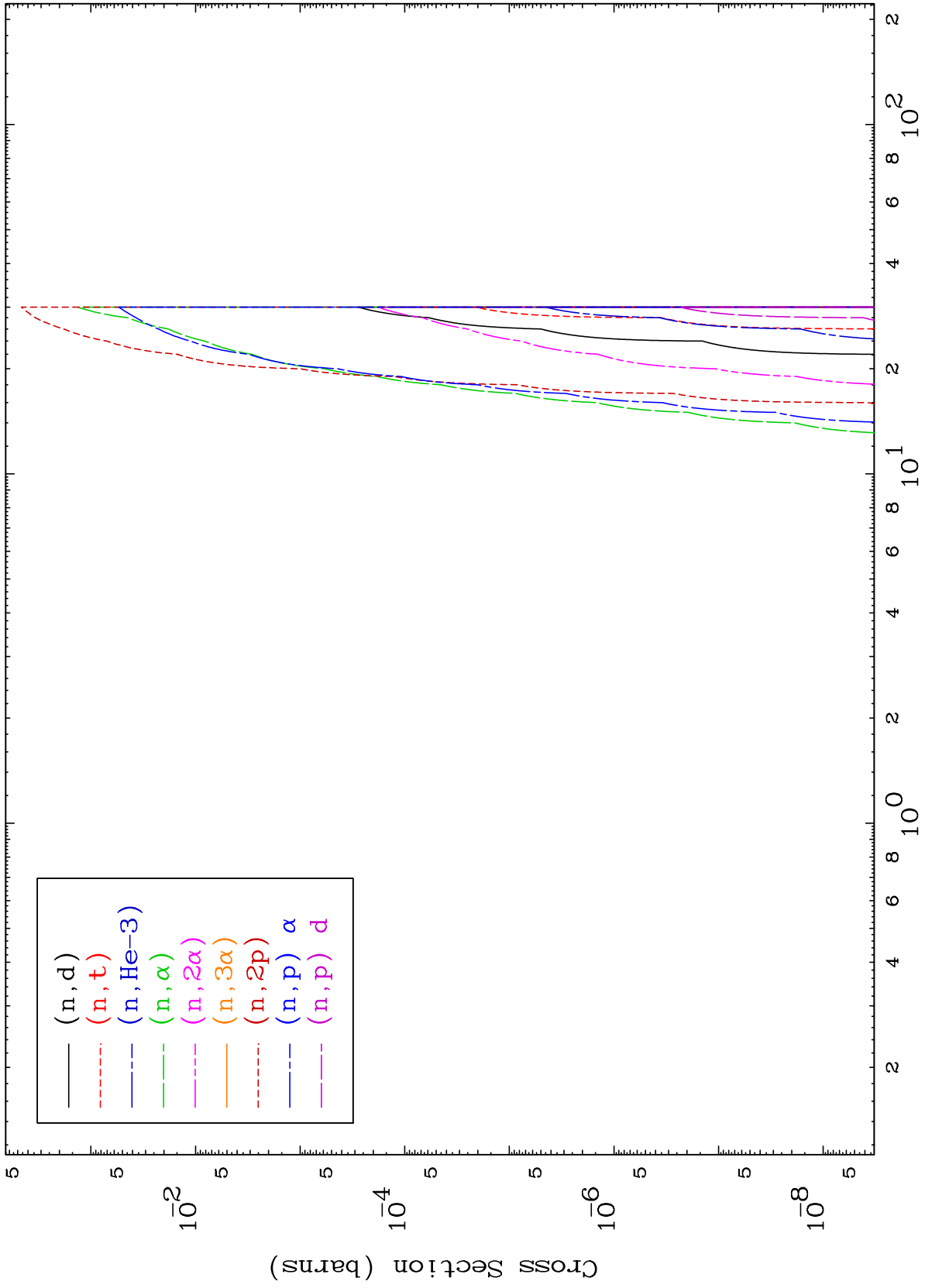
Incident Energy (MeV)

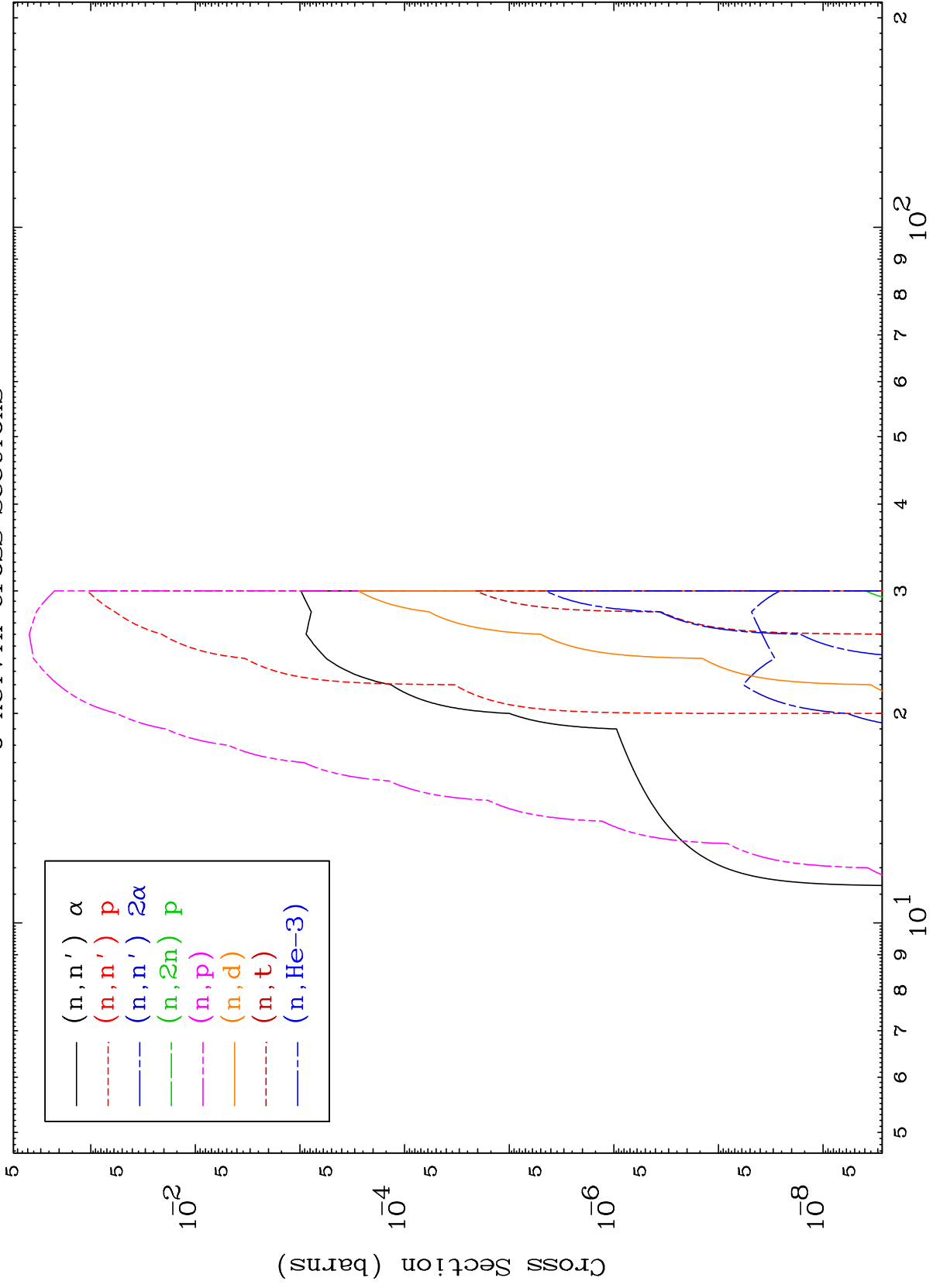
77-Ir-171m

MAT 7666

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-171m

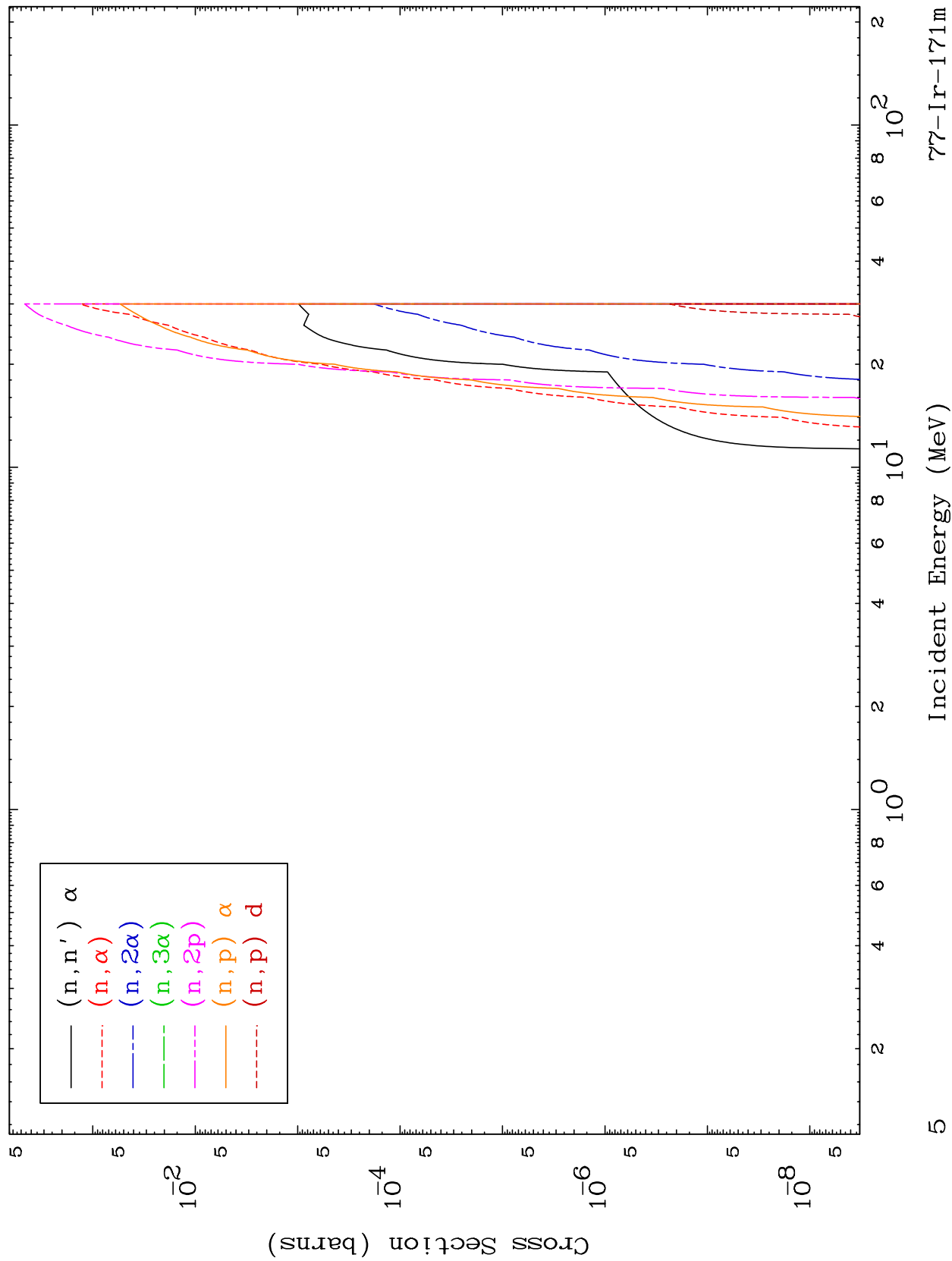




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α Charged Particle
0 Kelvin Cross Sections

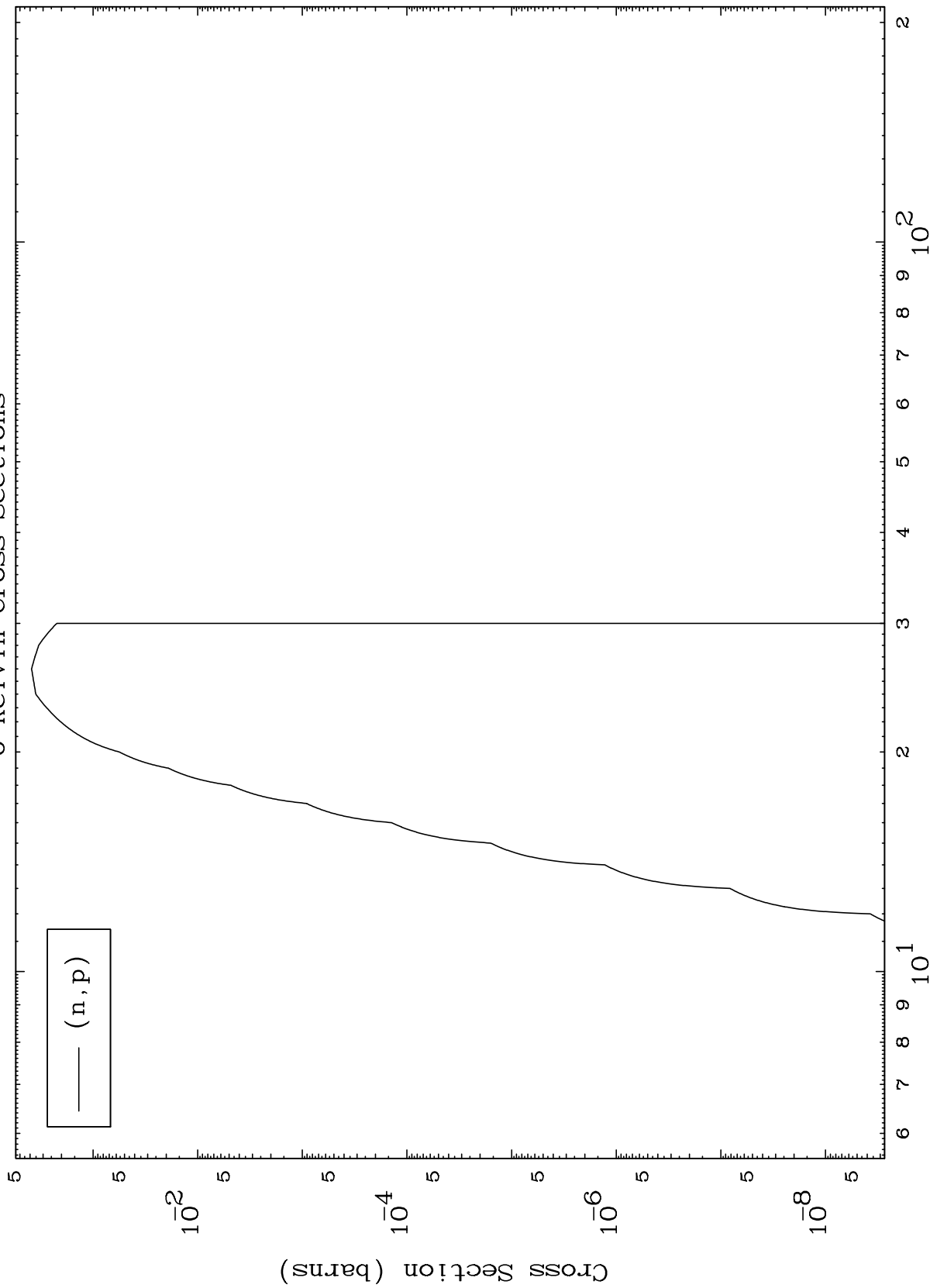
77-Ir-171m



MAT 7666

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-171m



Incident Energy (MeV)

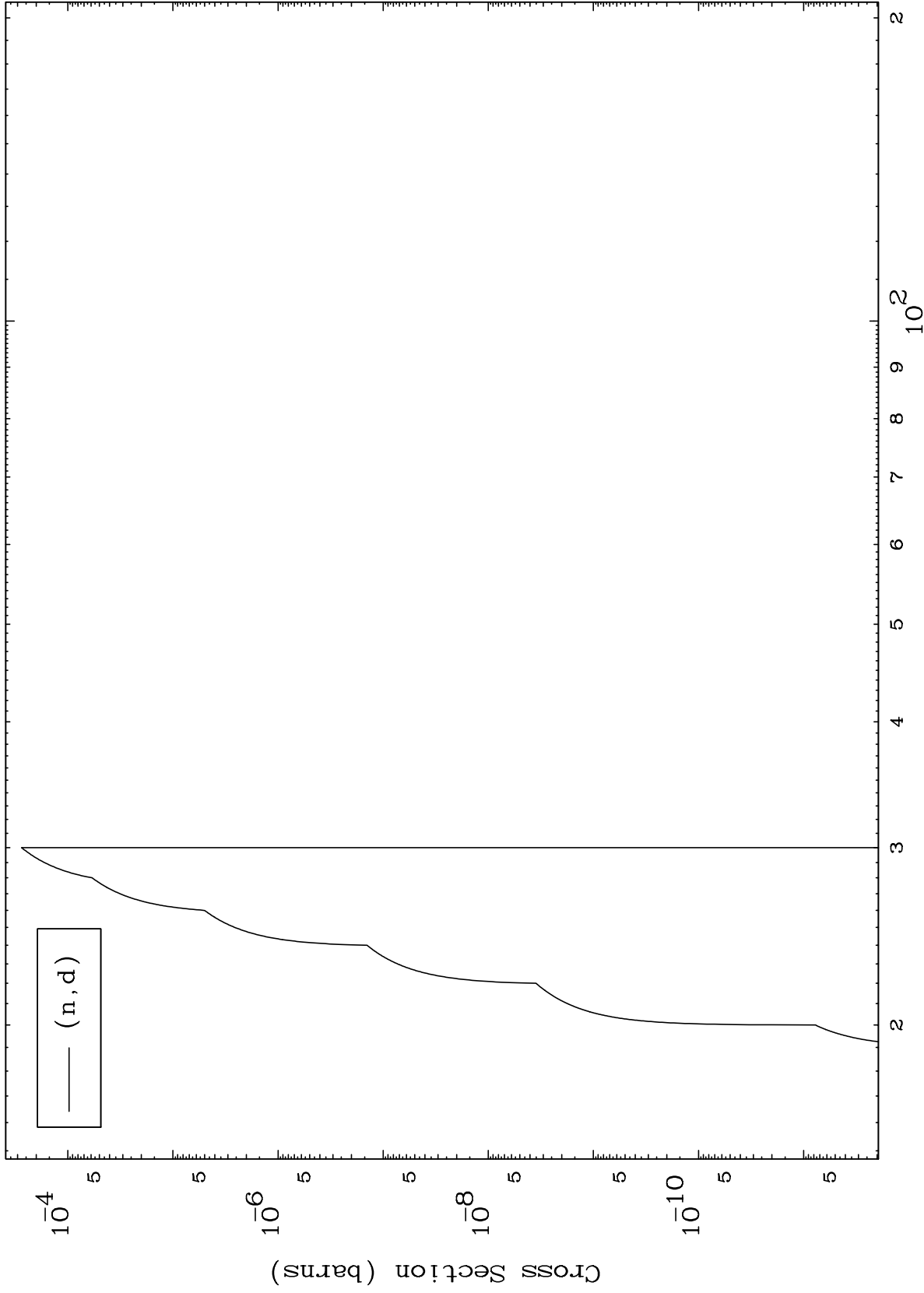
77-Ir-171m

6

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(α, d) Levels
0 Kelvin Cross Sections

77-Ir-171m



7

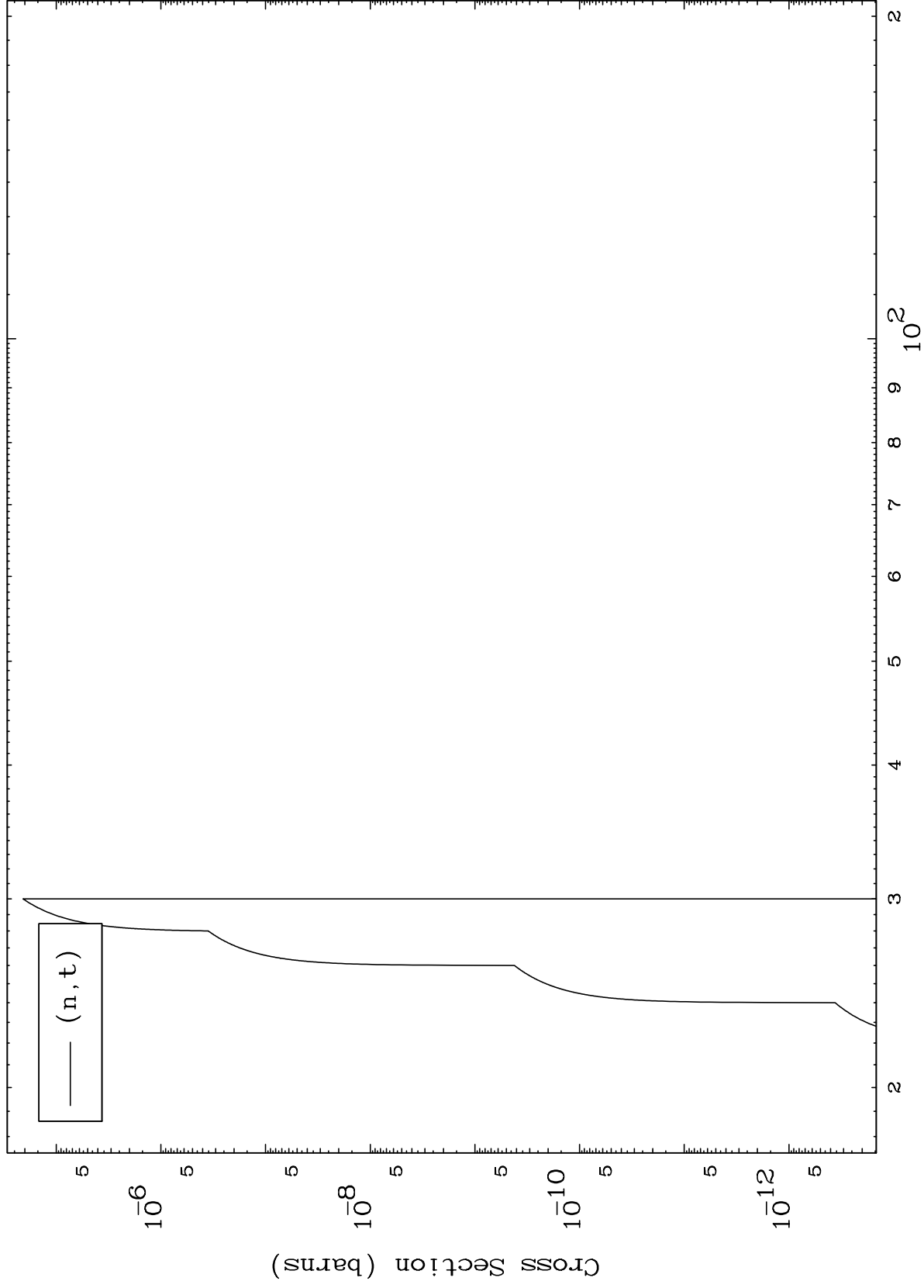
Incident Energy (MeV)

77-Ir-171m

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(α, t) Levels
0 Kelvin Cross Sections

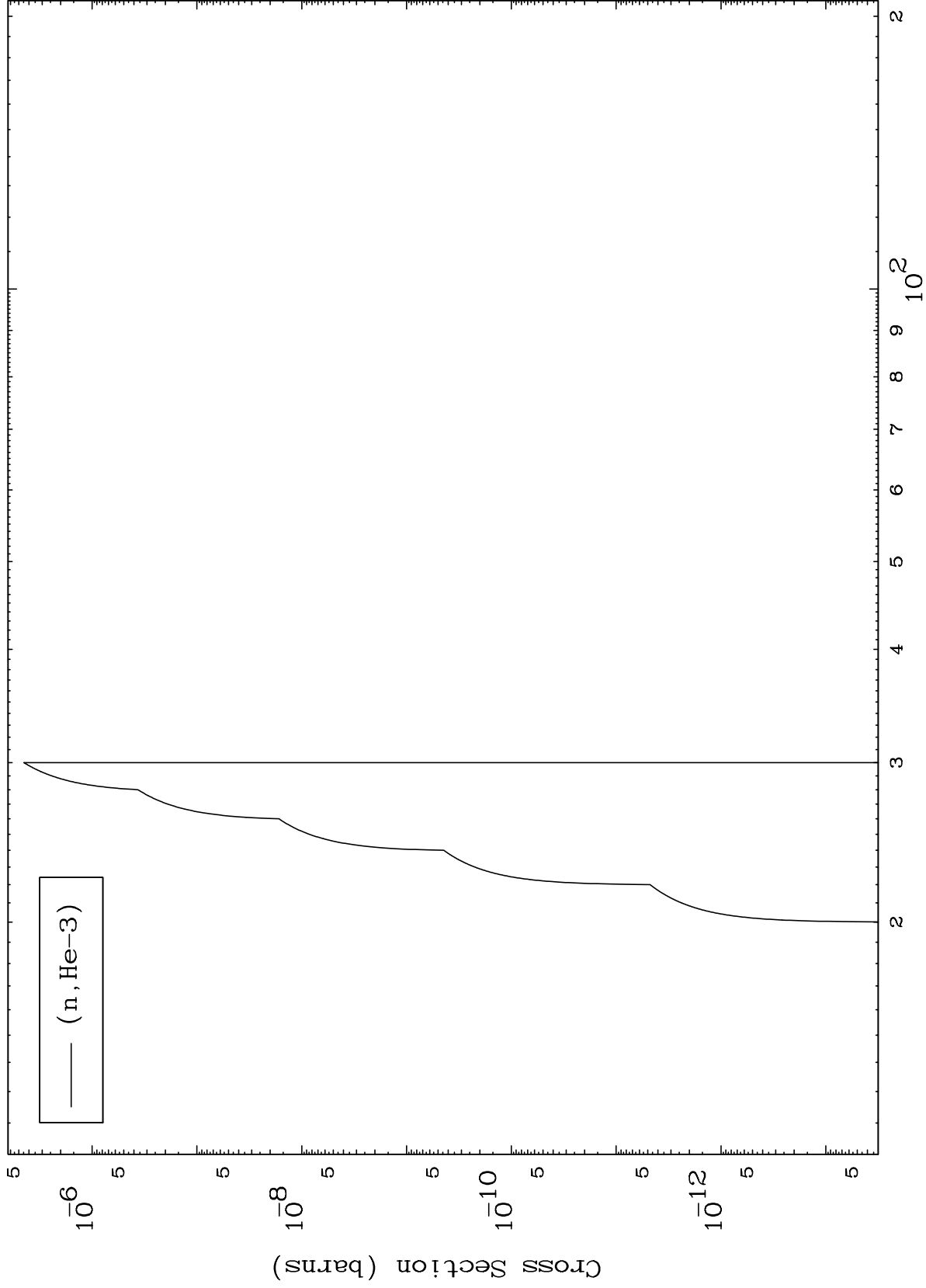
77-Ir-171m



8

Incident Energy (MeV)

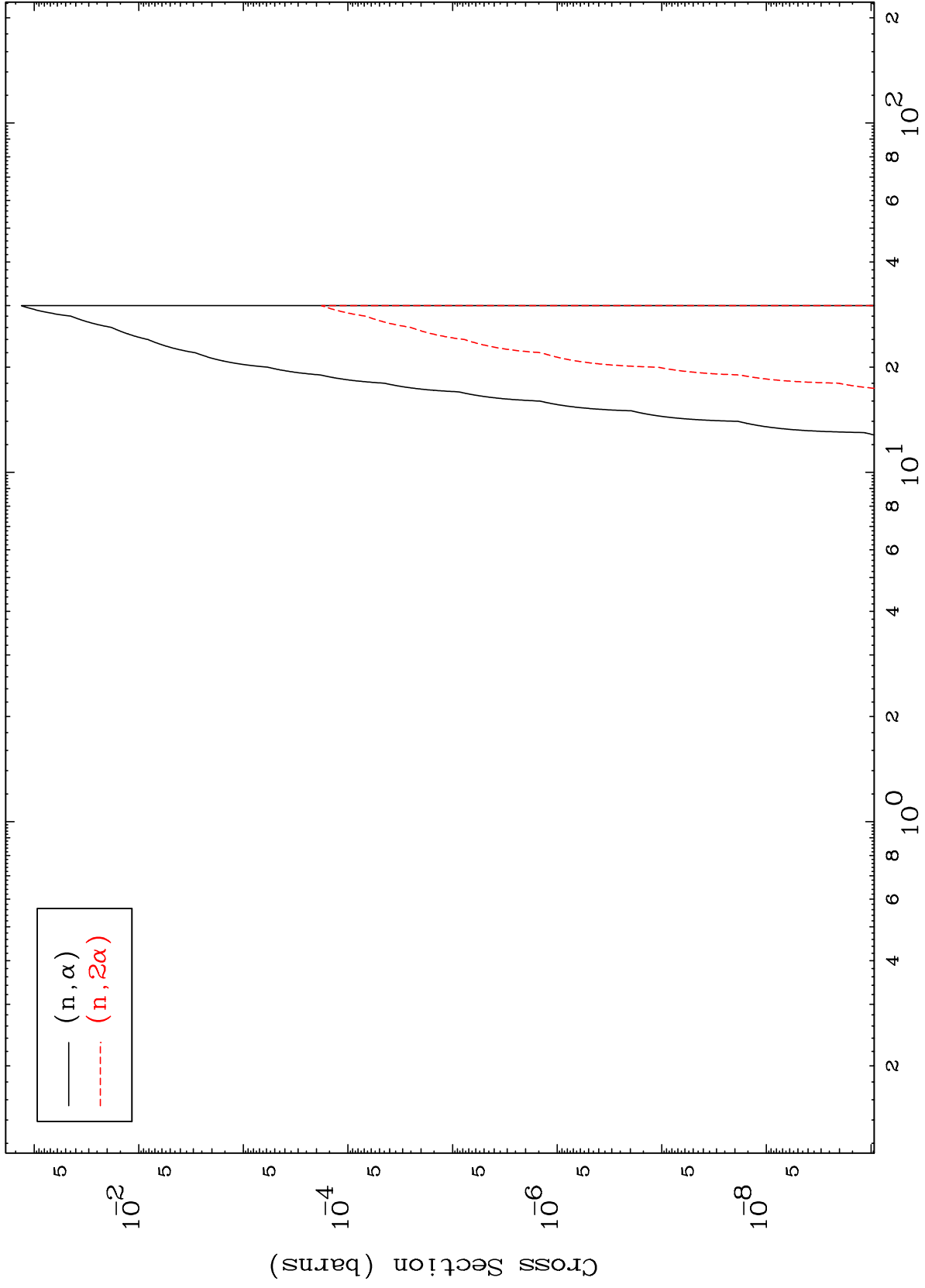
77-Ir-171m



MAT 7666

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-171m



10

Incident Energy (MeV)

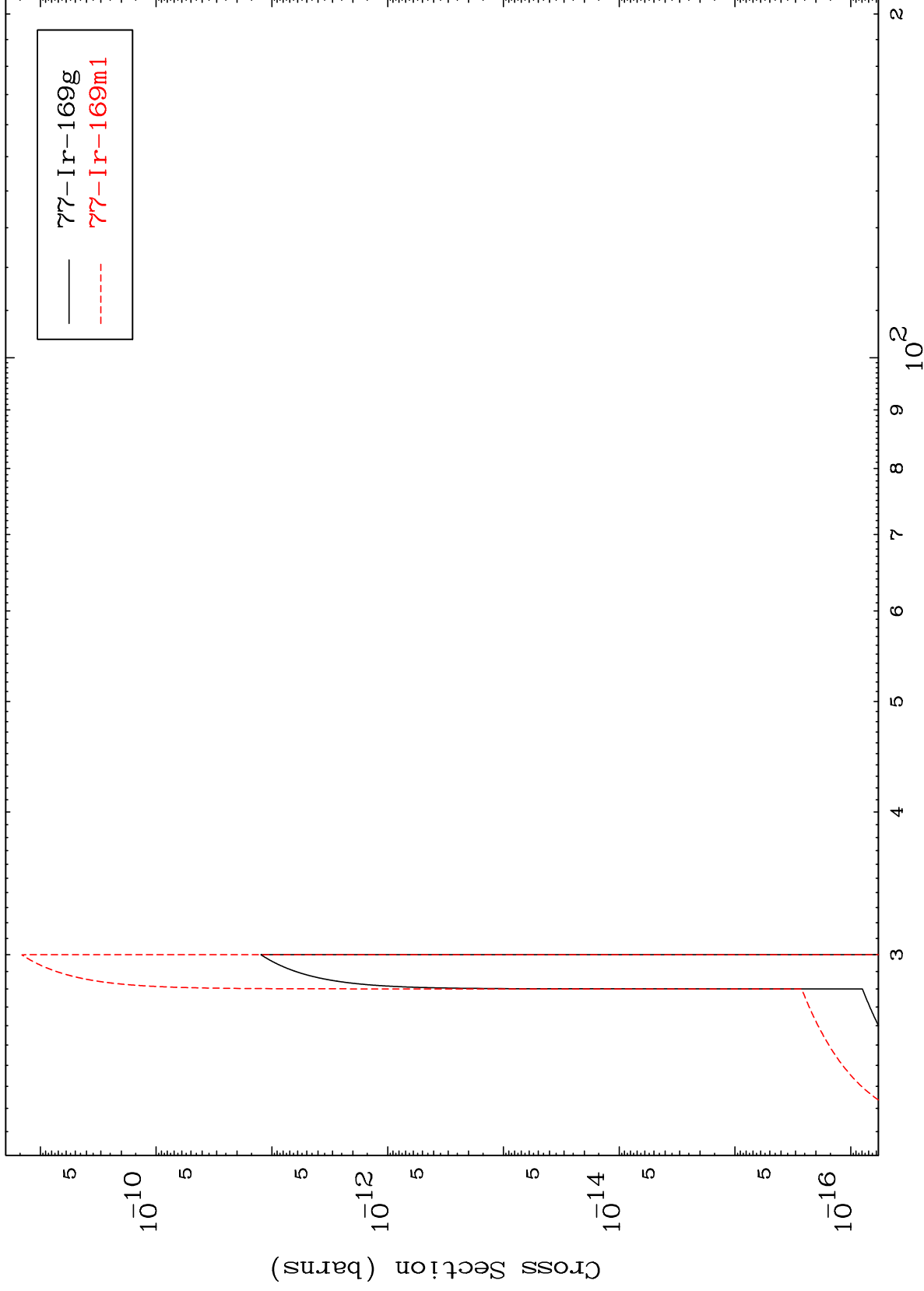
77-Ir-171m

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$(n,2n) \alpha$

$^{77}\text{Ir-171m}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

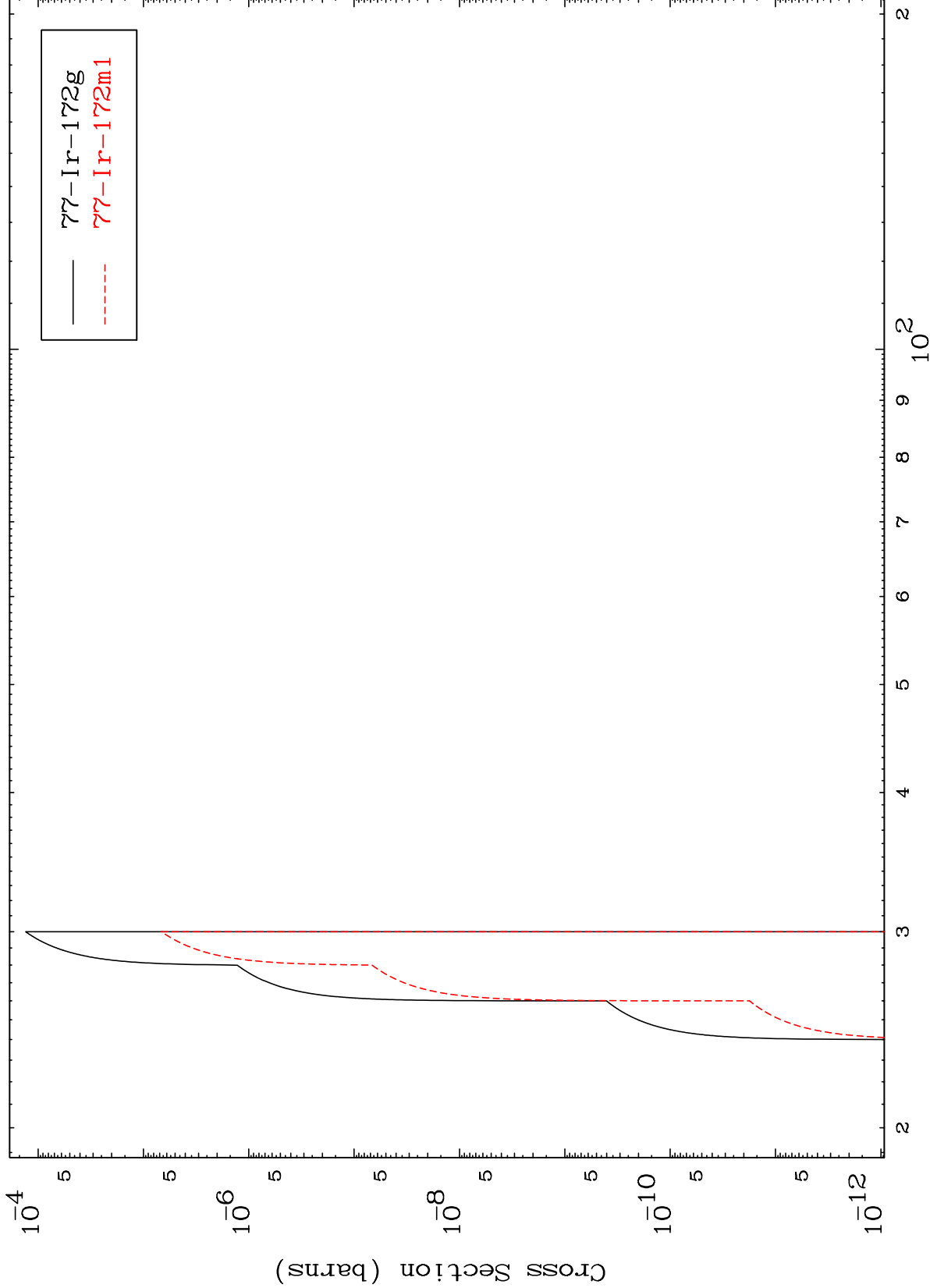
$^{77}\text{Ir-171m}$

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(n,2n) p

⁷⁷Ir-171m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

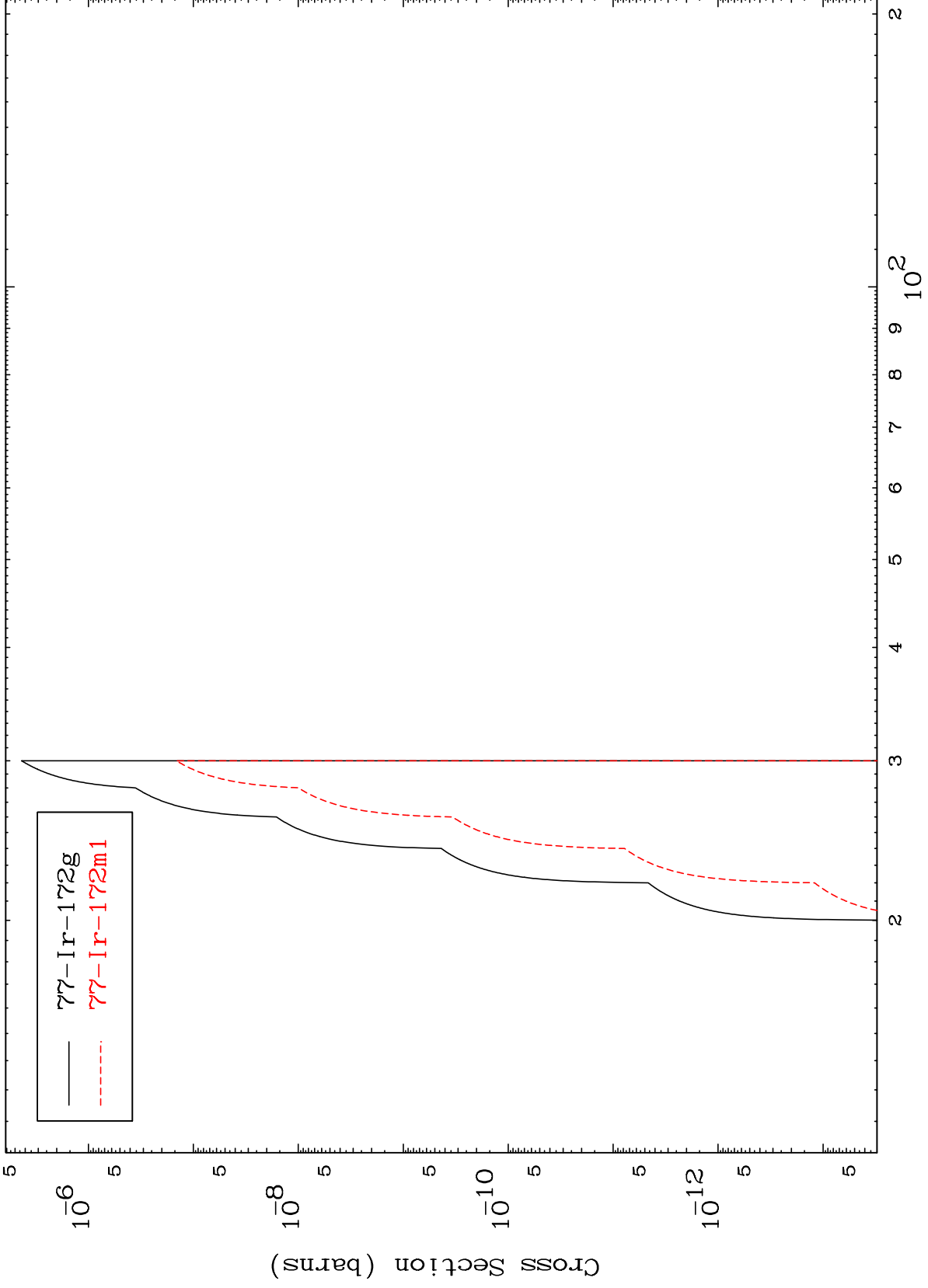
⁷⁷Ir-171m

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(n,He-3)

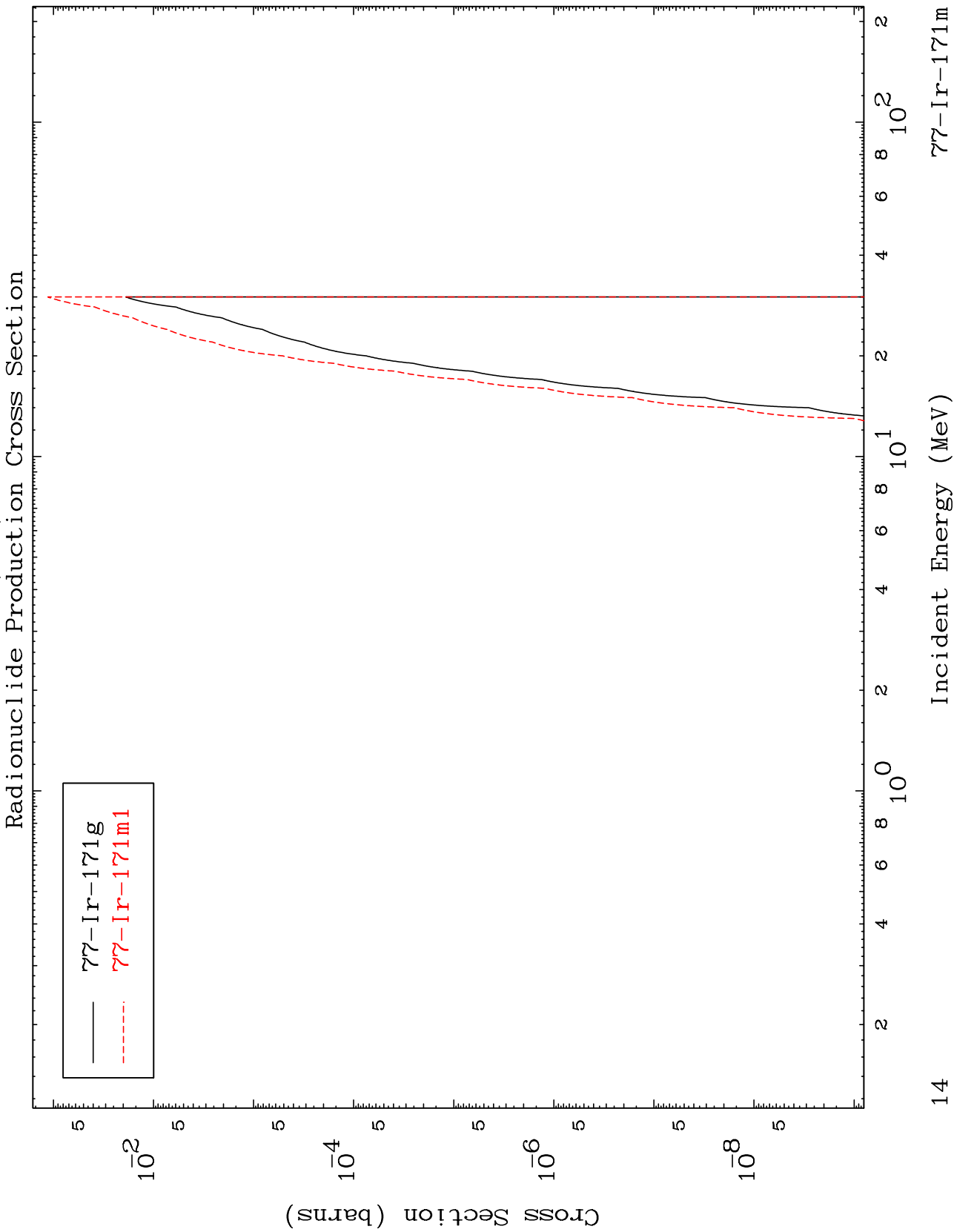
⁷⁷Ir-171m

Radionuclide Production Cross Section



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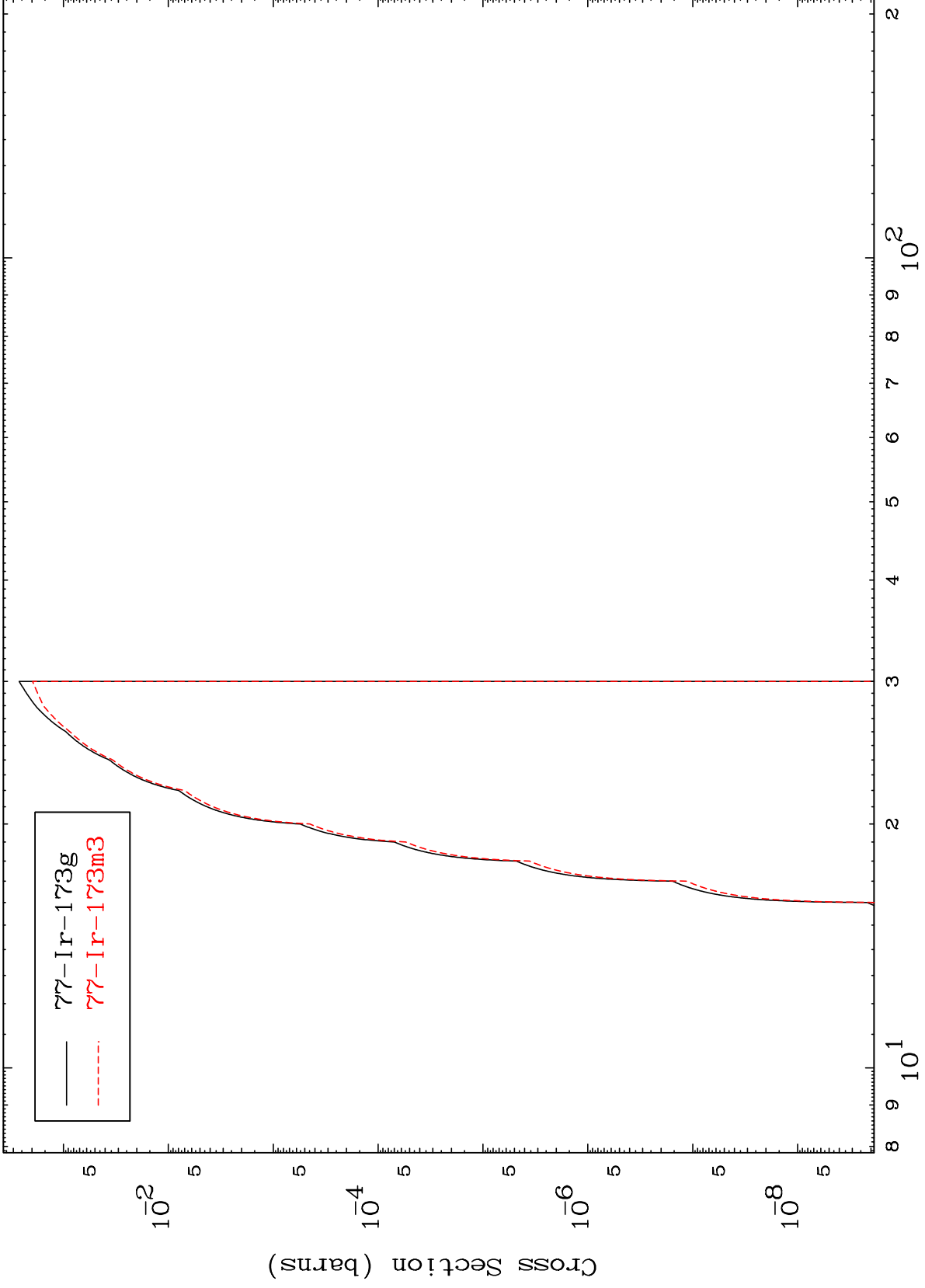
⁷⁷Ir-171m



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⁷⁷Ir-171m

Radionuclide Production Cross Section
(n,2p)



15

Incident Energy (MeV)

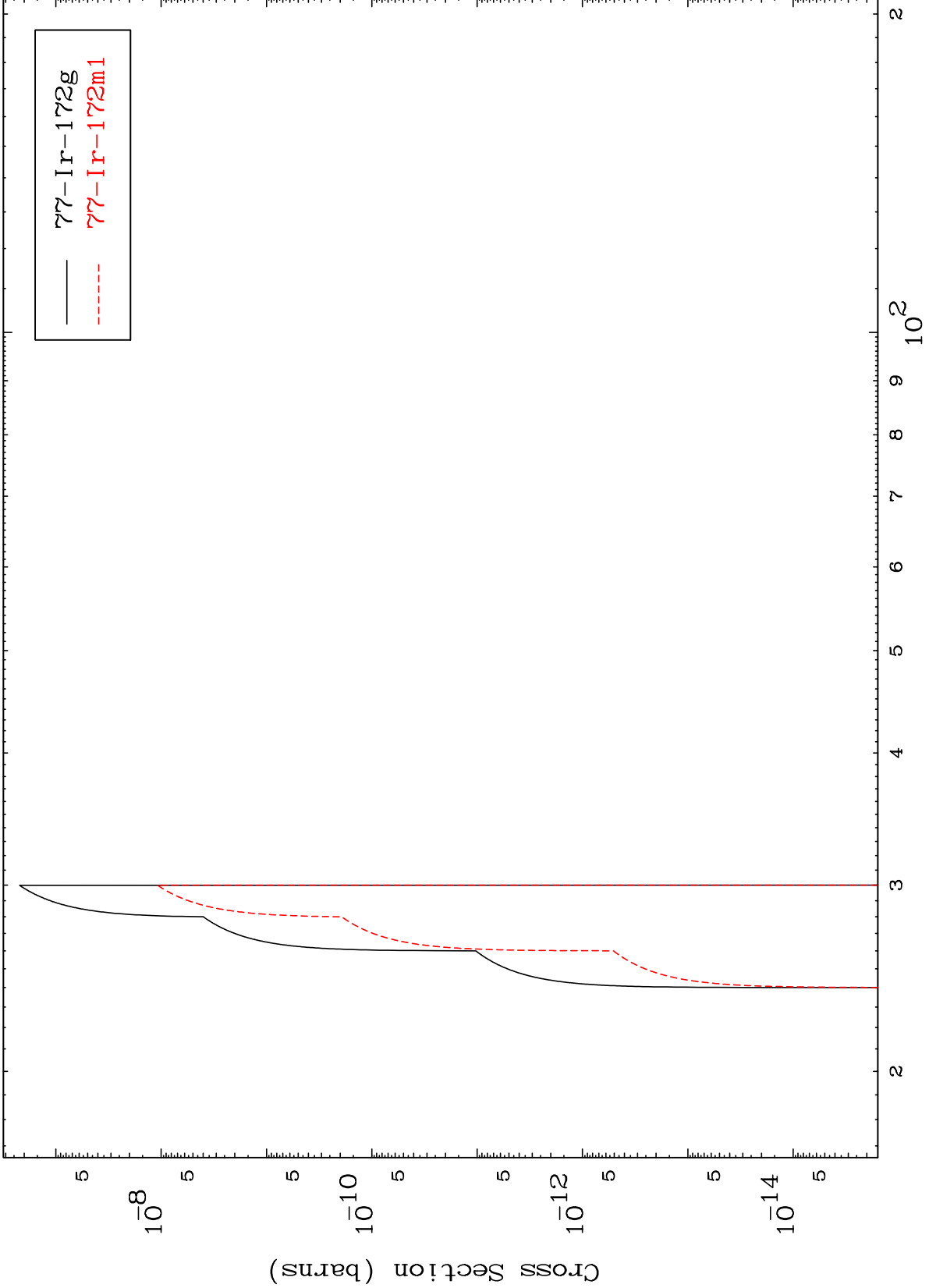
⁷⁷Ir-171m

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(n,p) d

⁷⁷Ir-171m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷⁷Ir-171m