

Program EVALPLOT
(Version 2021-1)

by

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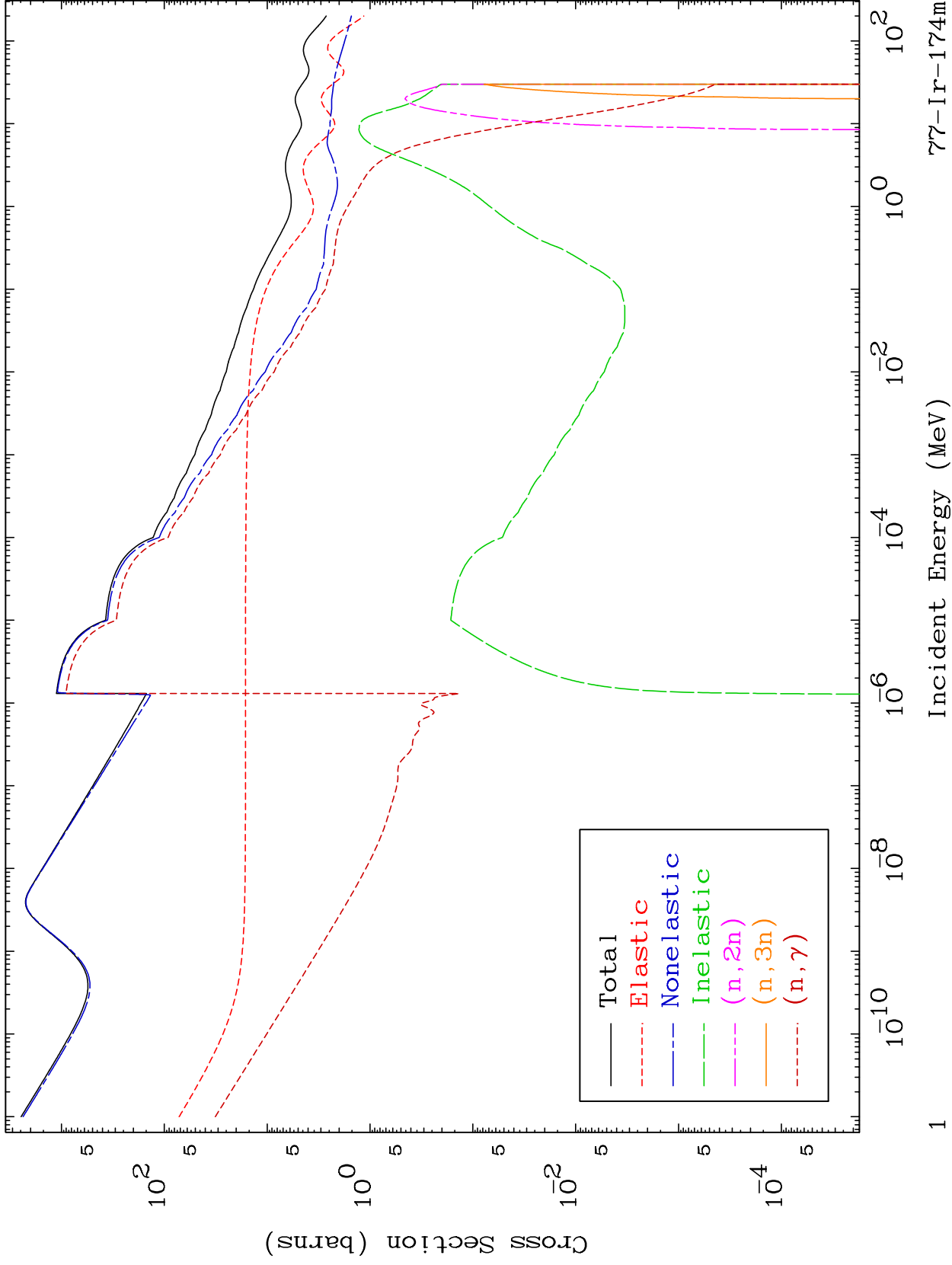
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7675

Neutron Major
293 Kelvin Cross Sections

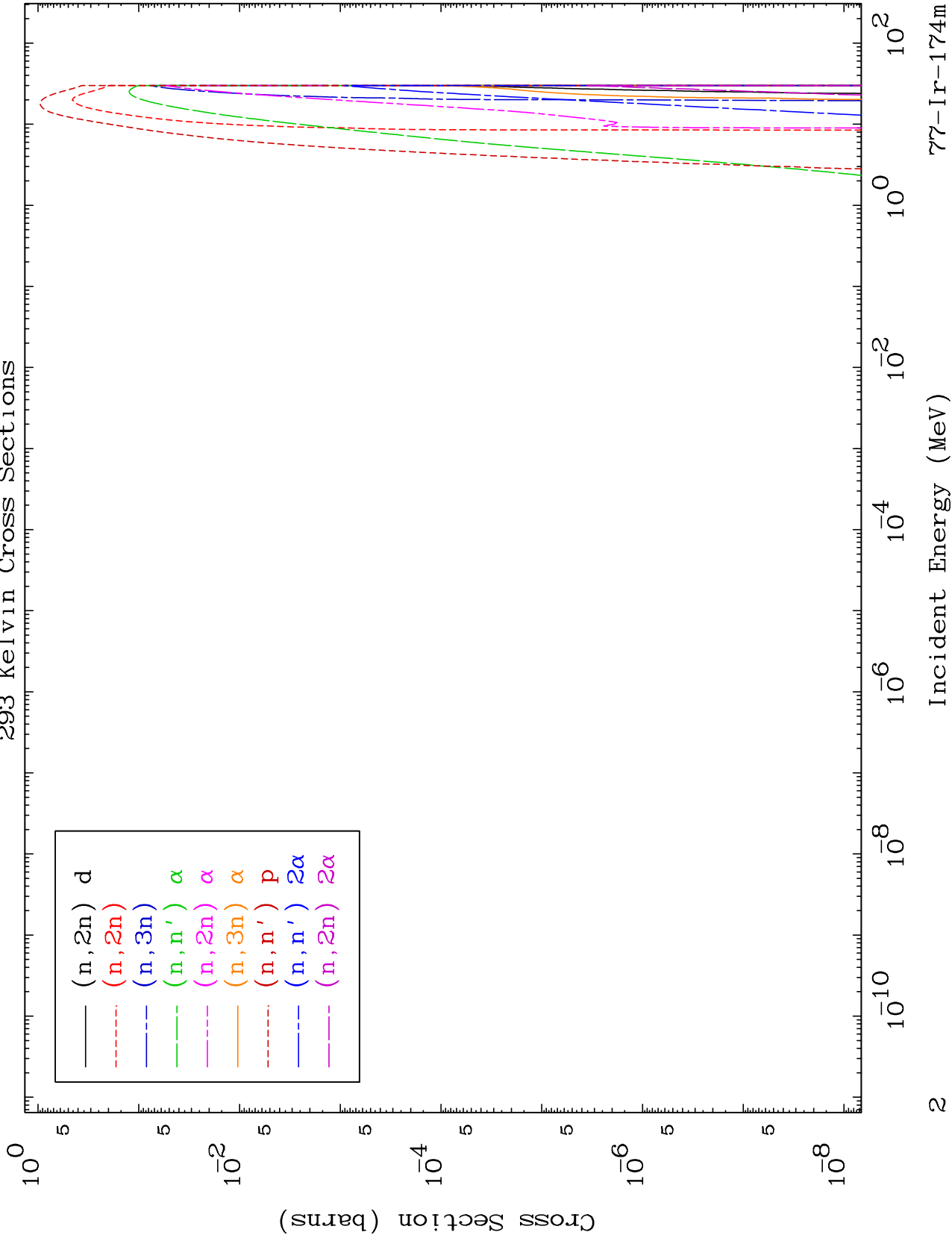
77-Ir-174m



MAT 7675

Neutron Absorption
293 Kelvin Cross Sections

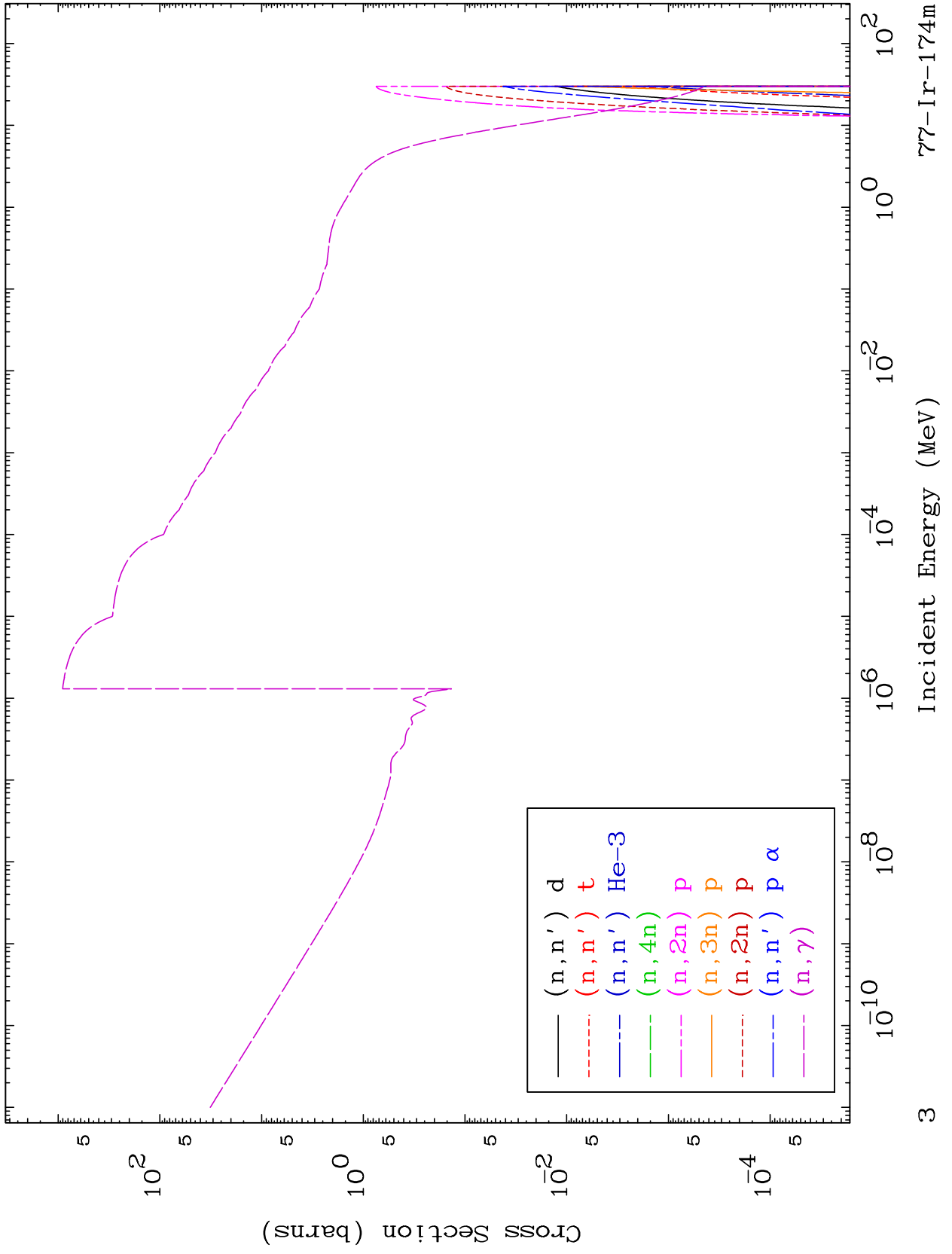
77-Ir-174m



MAT 7675

Neutron Absorption
293 Kelvin Cross Sections

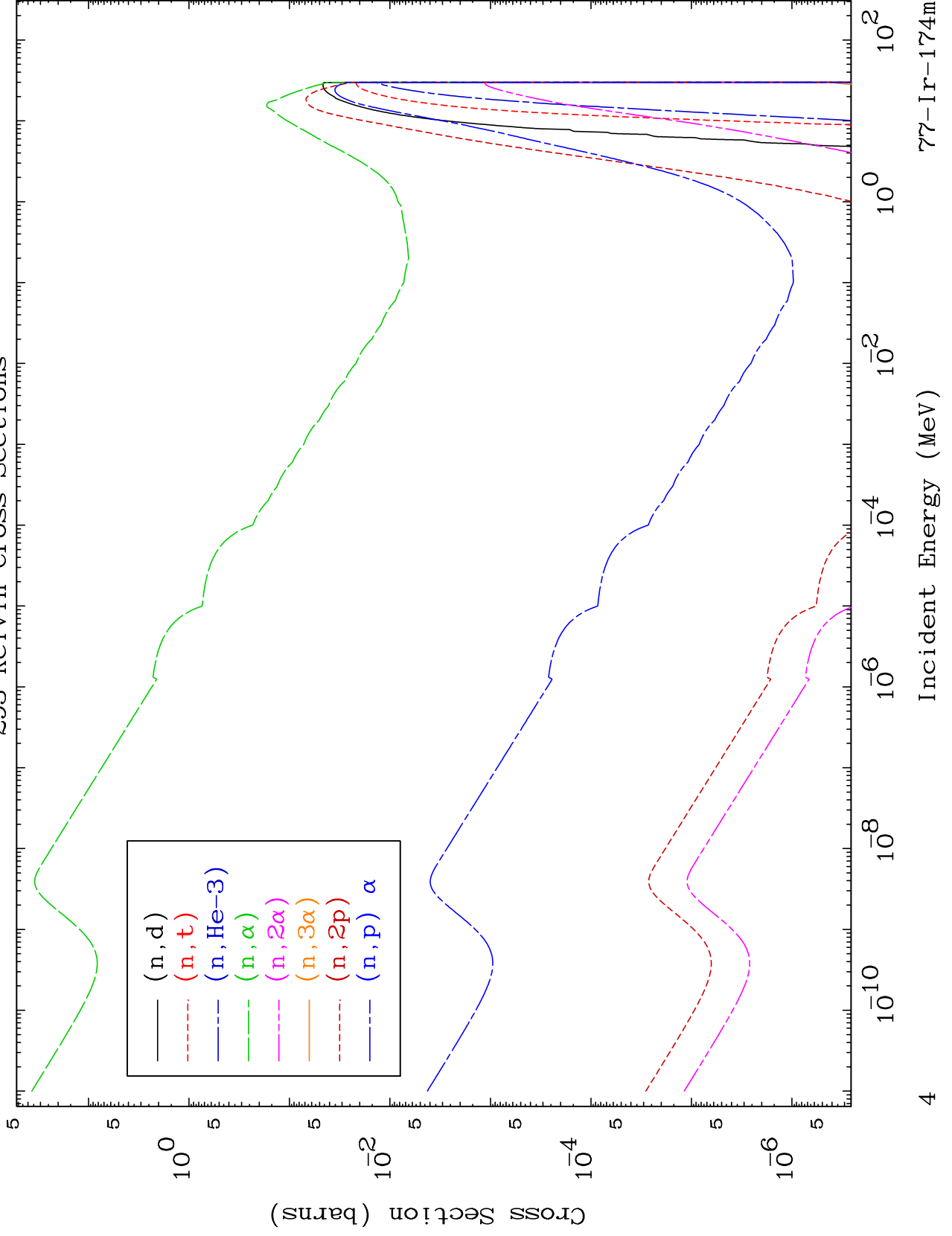
77-Ir-174m



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Neutron Absorption
293 Kelvin Cross Sections

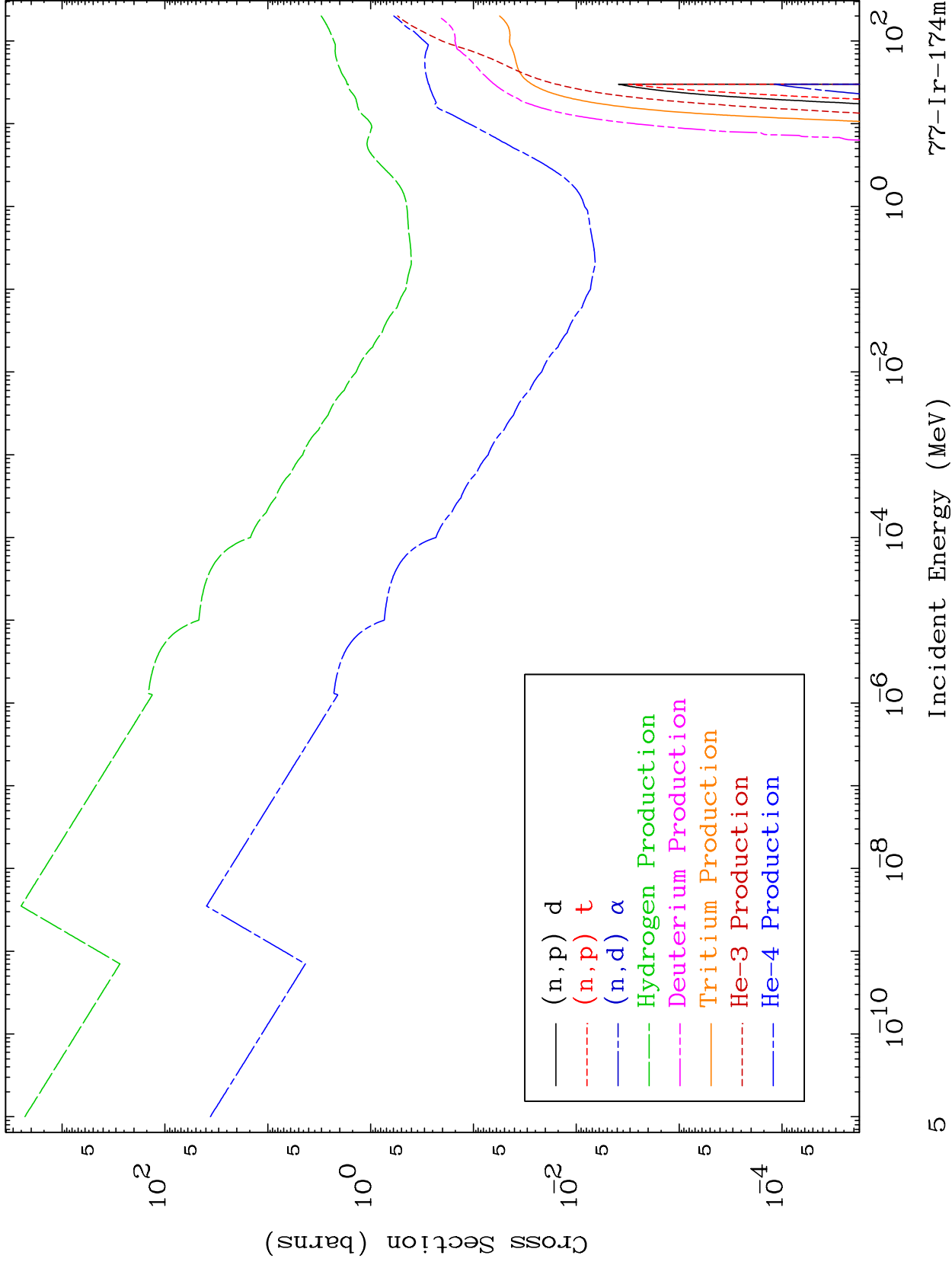
77-Ir-174m



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Neutron Absorption
293 Kelvin Cross Sections

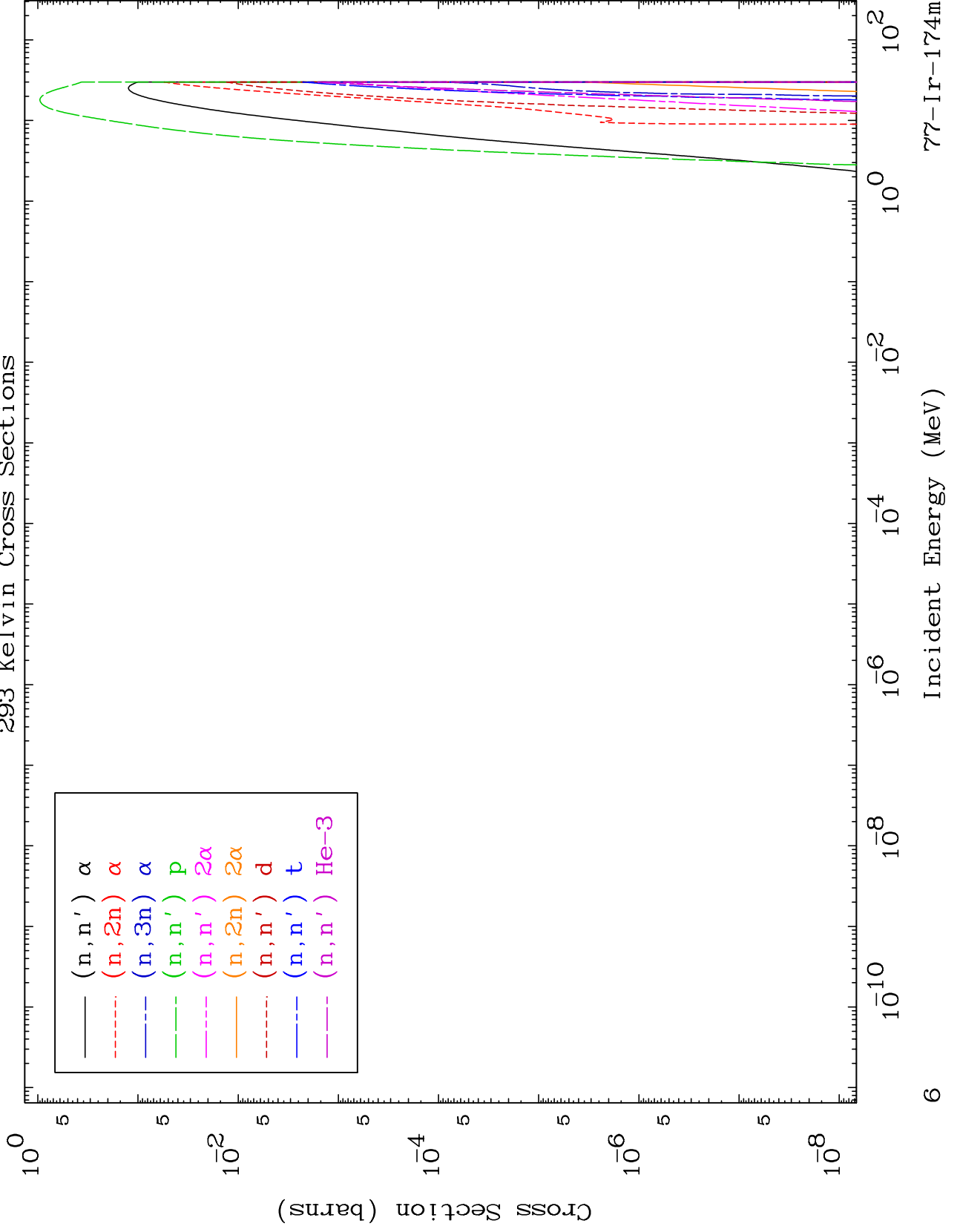
77-Ir-174m



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Charged Particle
293 Kelvin Cross Sections

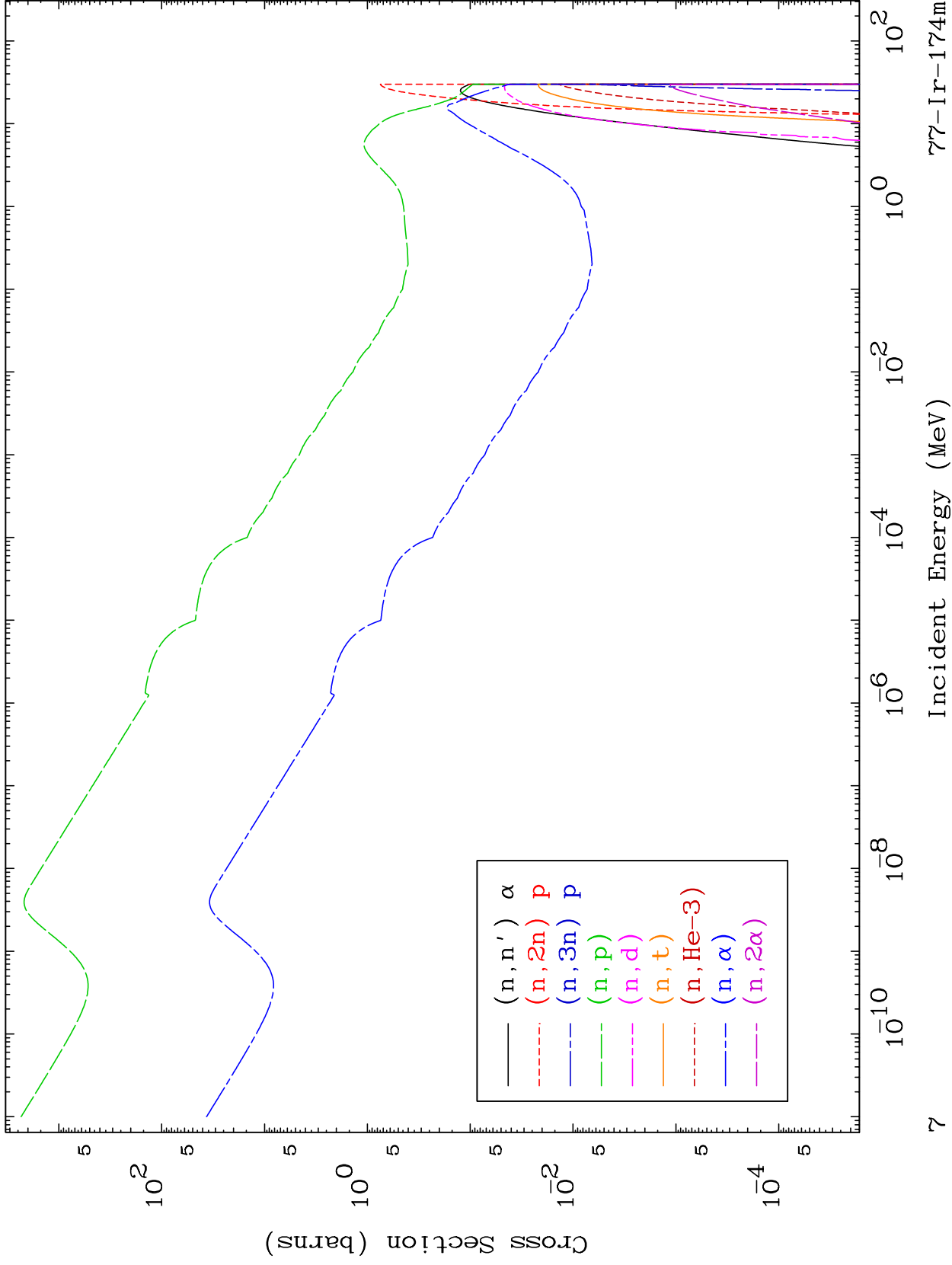
77-Ir-174m



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Charged Particle
293 Kelvin Cross Sections

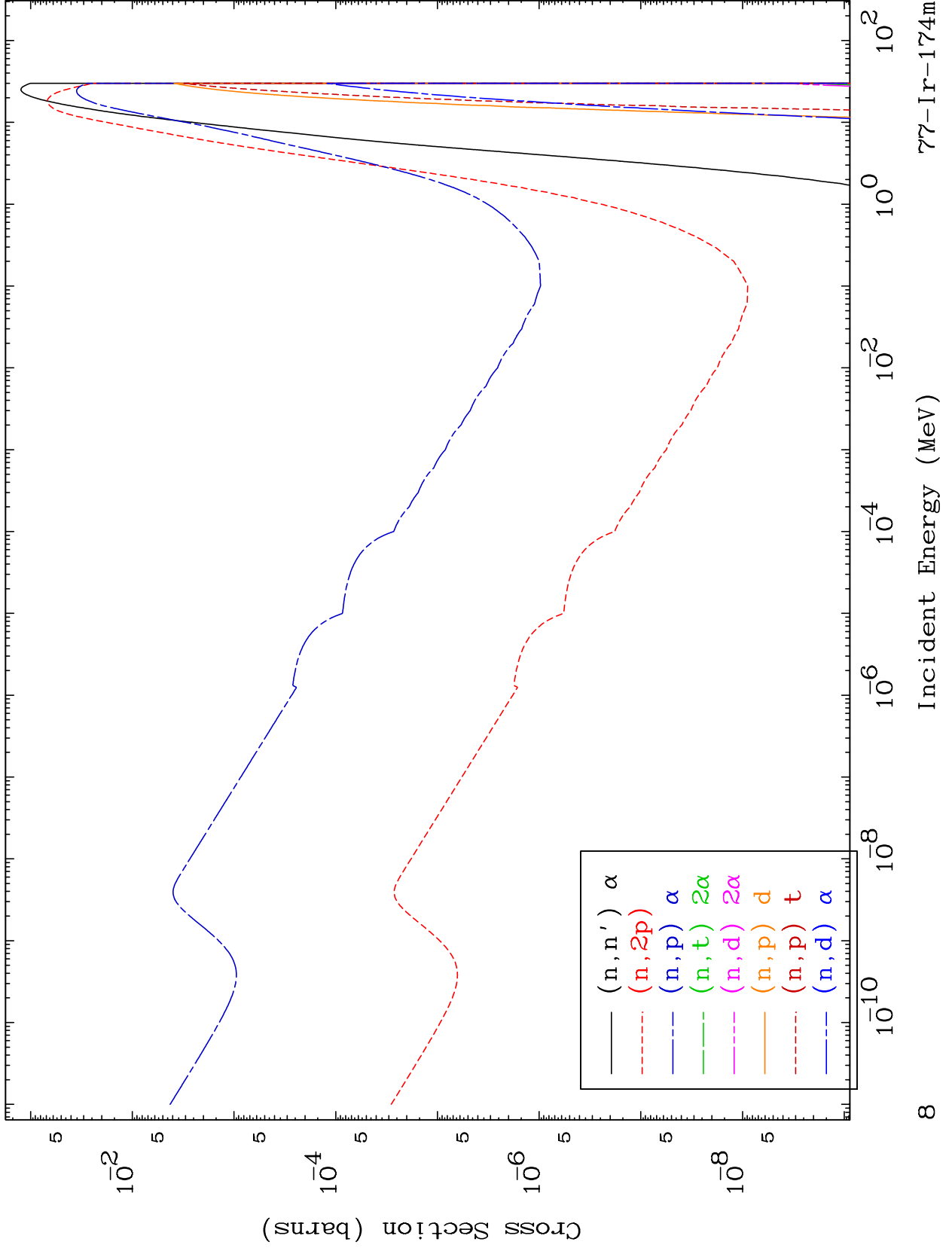
77-Ir-174m



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Charged Particle
293 Kelvin Cross Sections

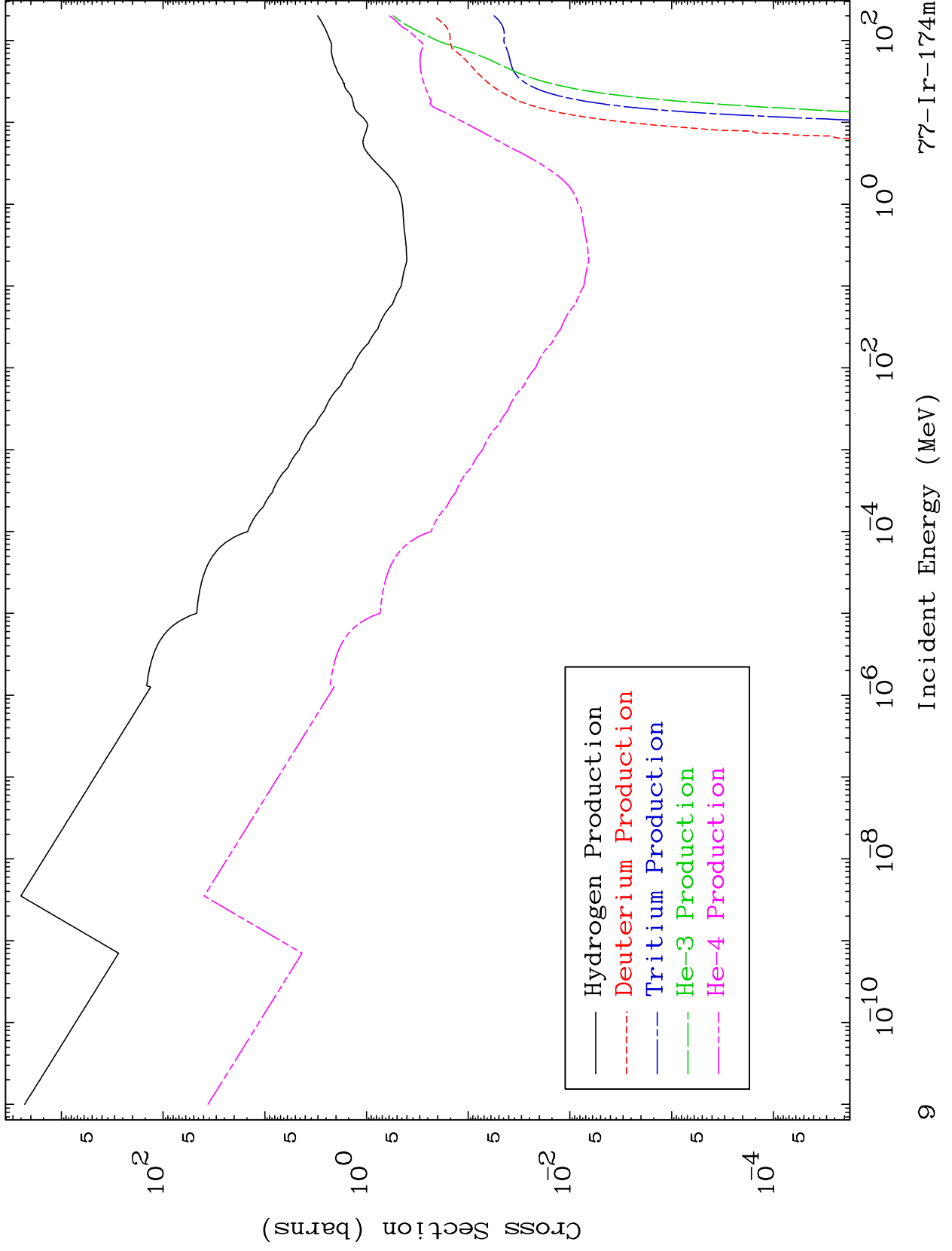
77-Ir-174m



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Particle Production
293 Kelvin Cross Sections

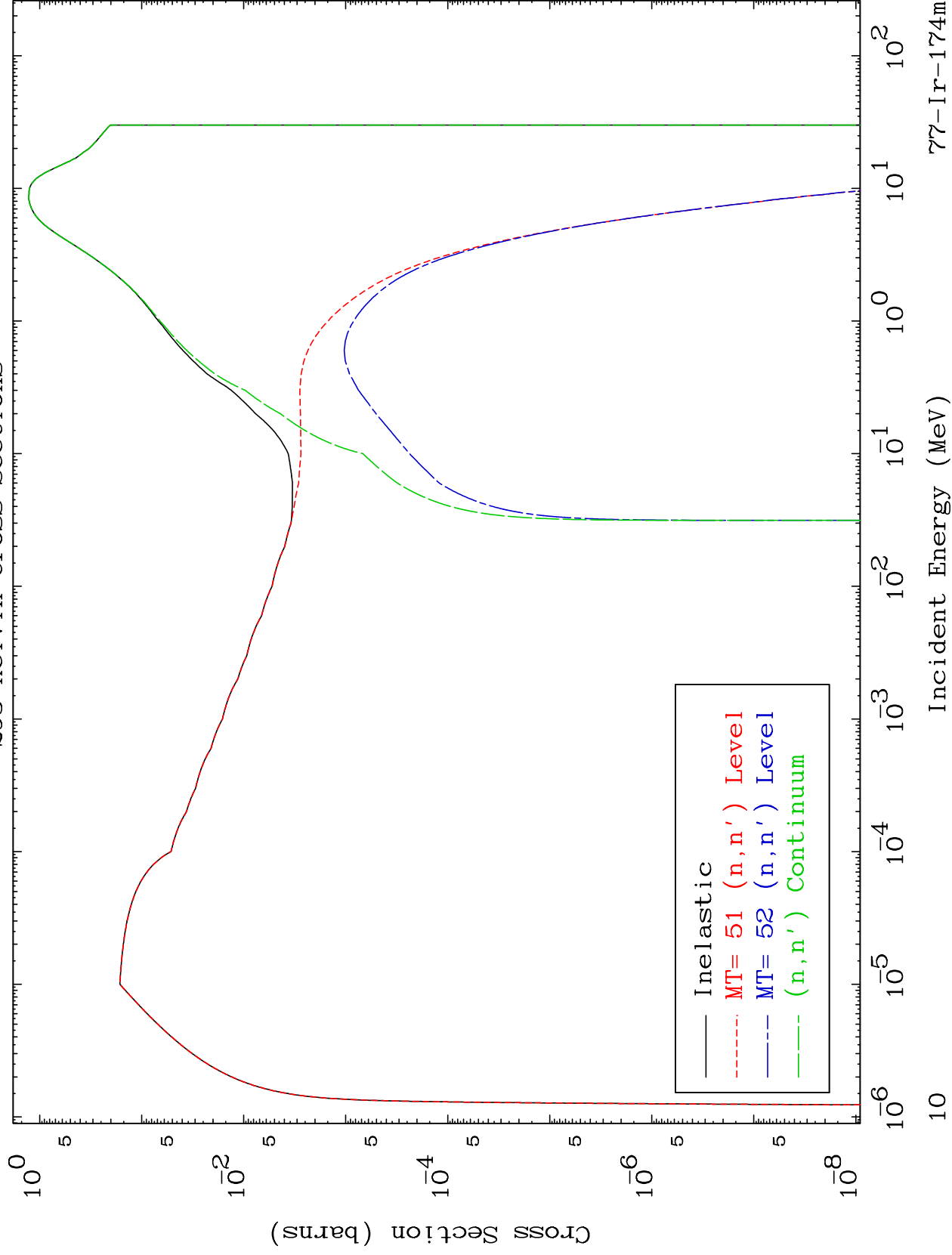
77-Ir-174m



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(n,n') Levels
293 Kelvin Cross Sections

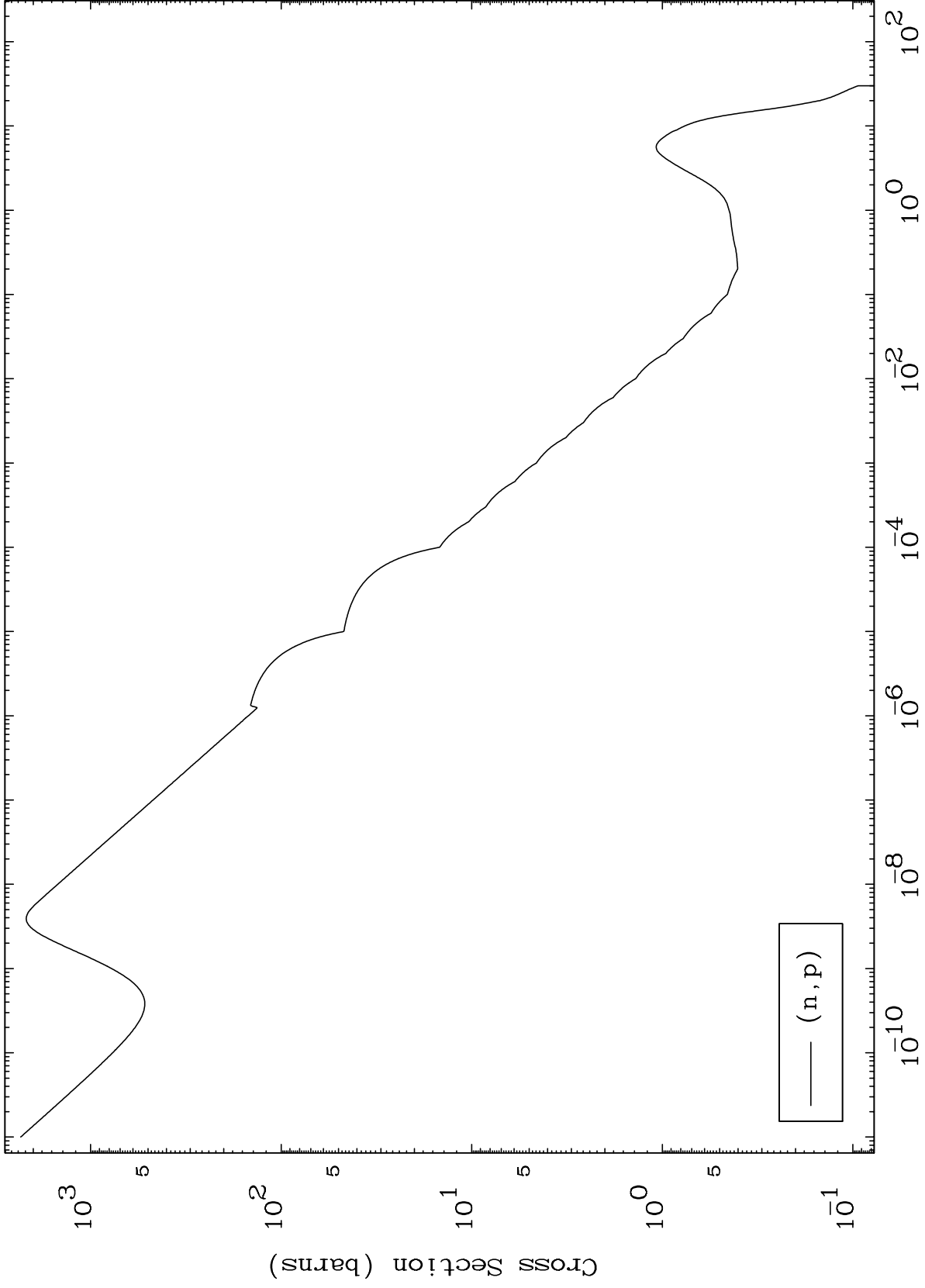
77-Ir-174m



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(n,p) Levels
293 Kelvin Cross Sections

77-Ir-174m

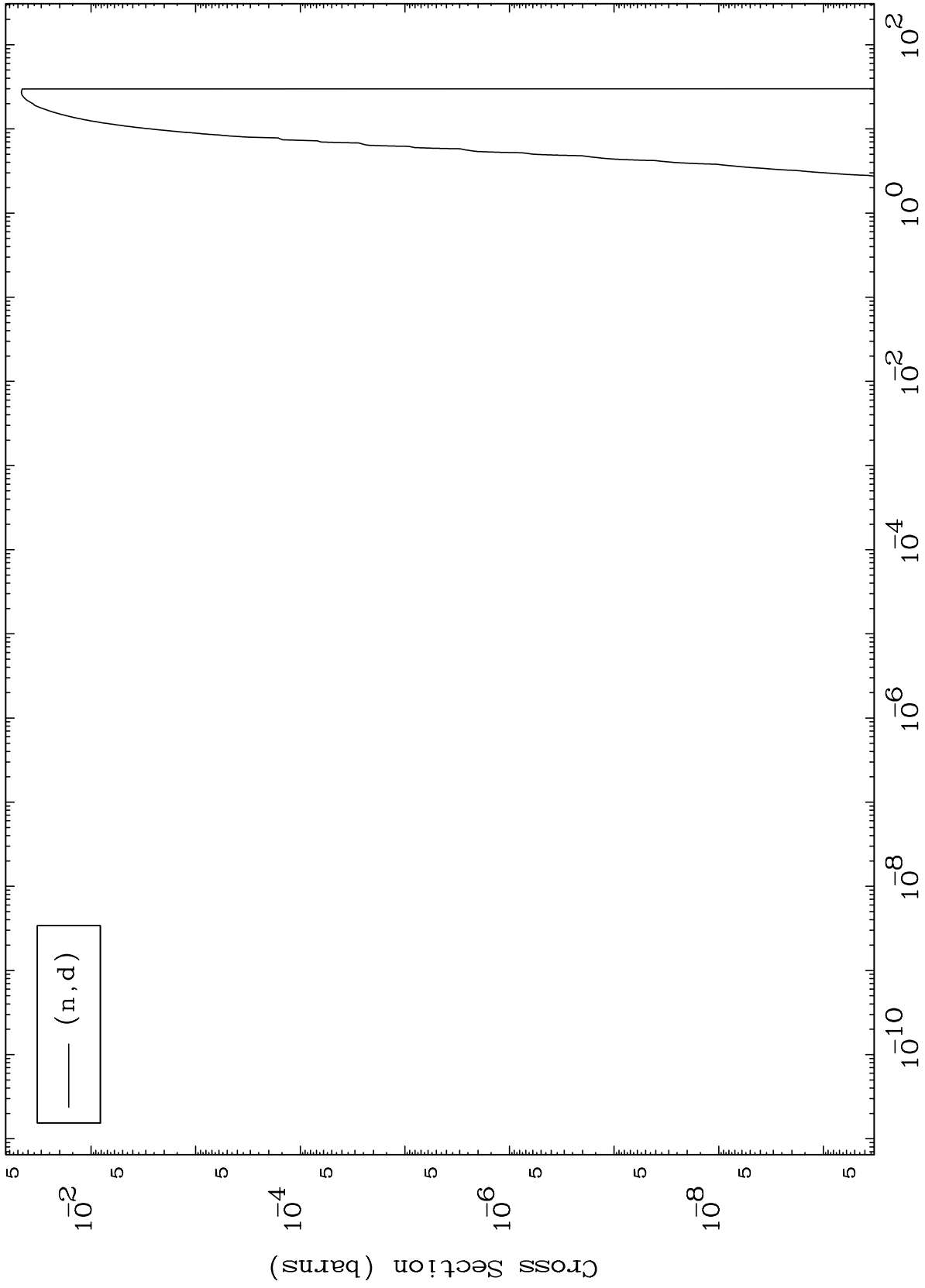


(n,p)

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(n,d) Levels
293 Kelvin Cross Sections

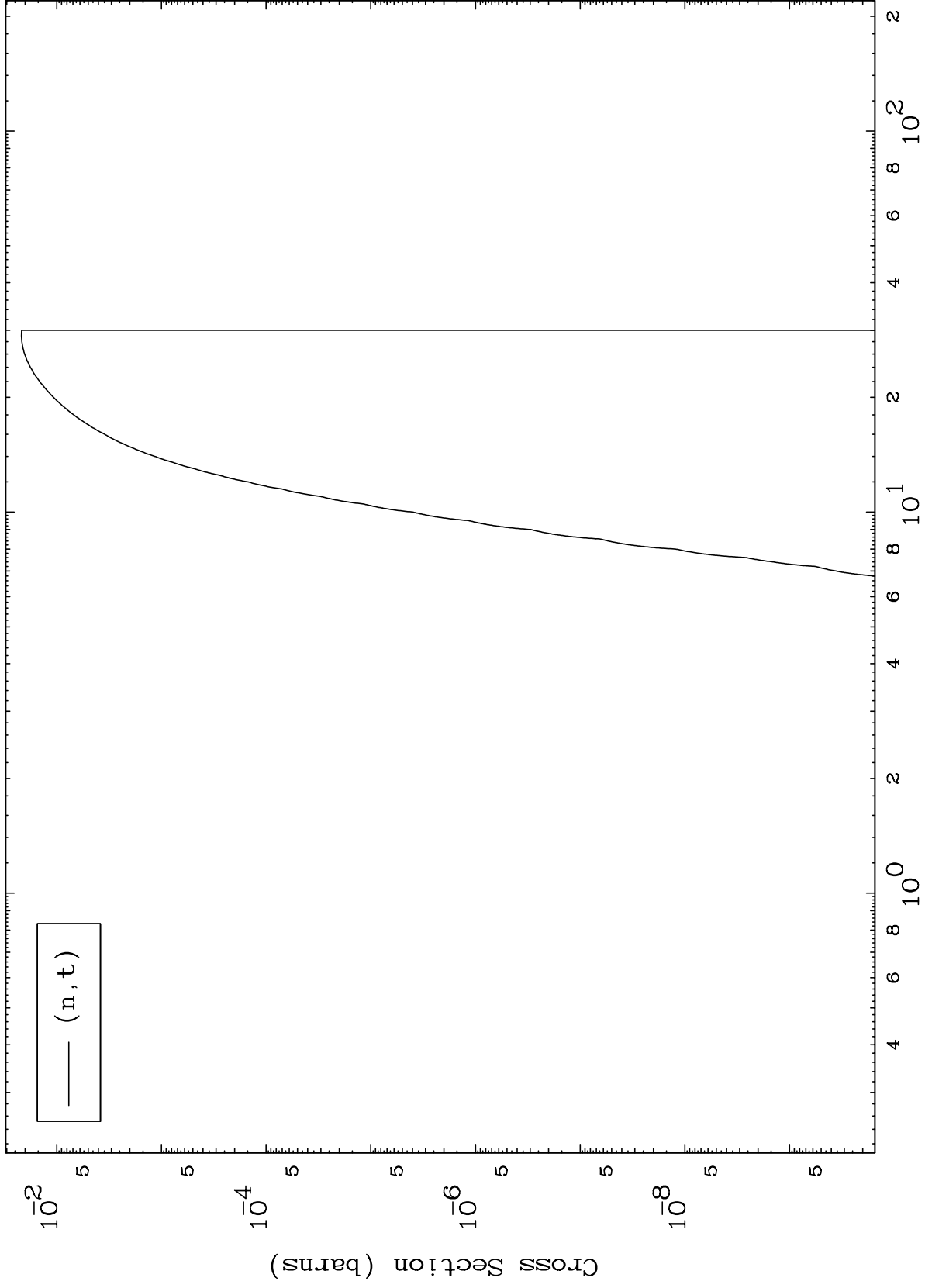
77-Ir-174m



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(n,t) Levels
293 Kelvin Cross Sections

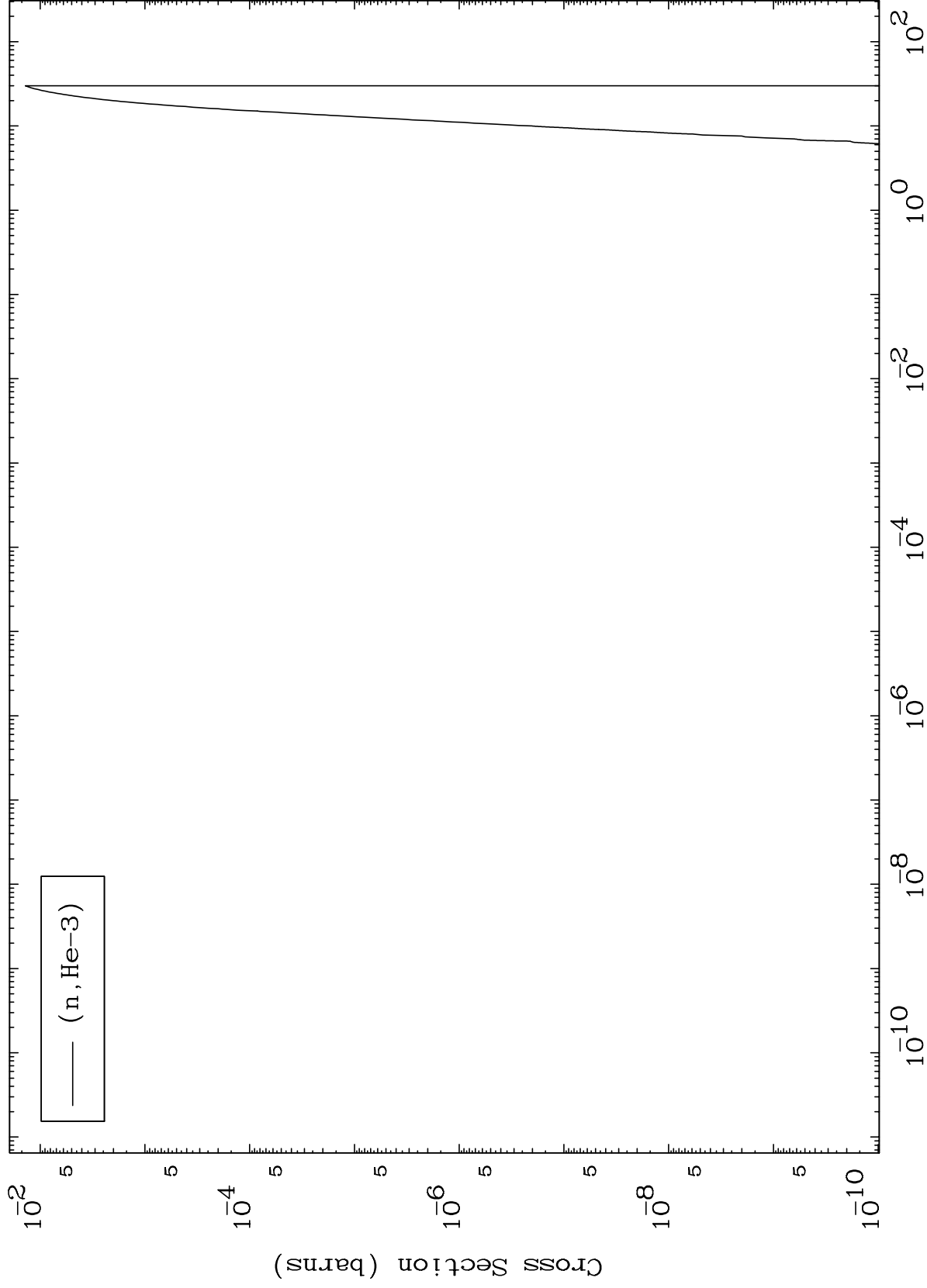
77-Ir-174m



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(n,He3) Levels
293 Kelvin Cross Sections

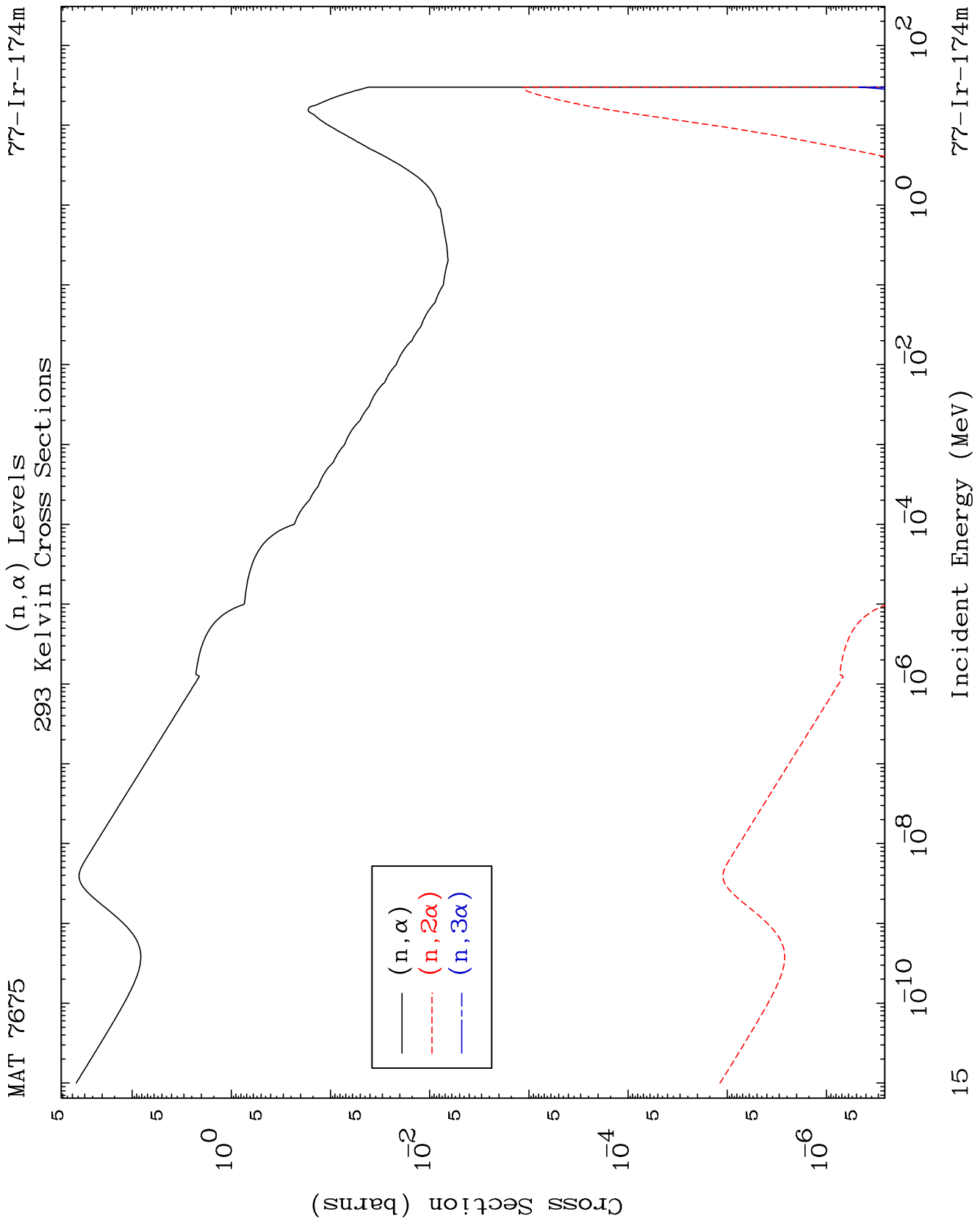
77-Ir-174m



14

Incident Energy (MeV)

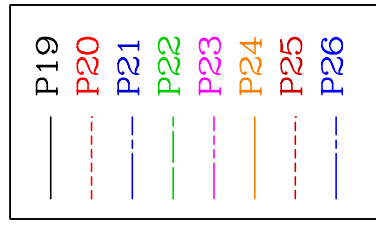
77-Ir-174m



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Elastic
Legendre Coefficients

77-Ir-174m



$\times 10^{-6}$

Legendre (CM)



18

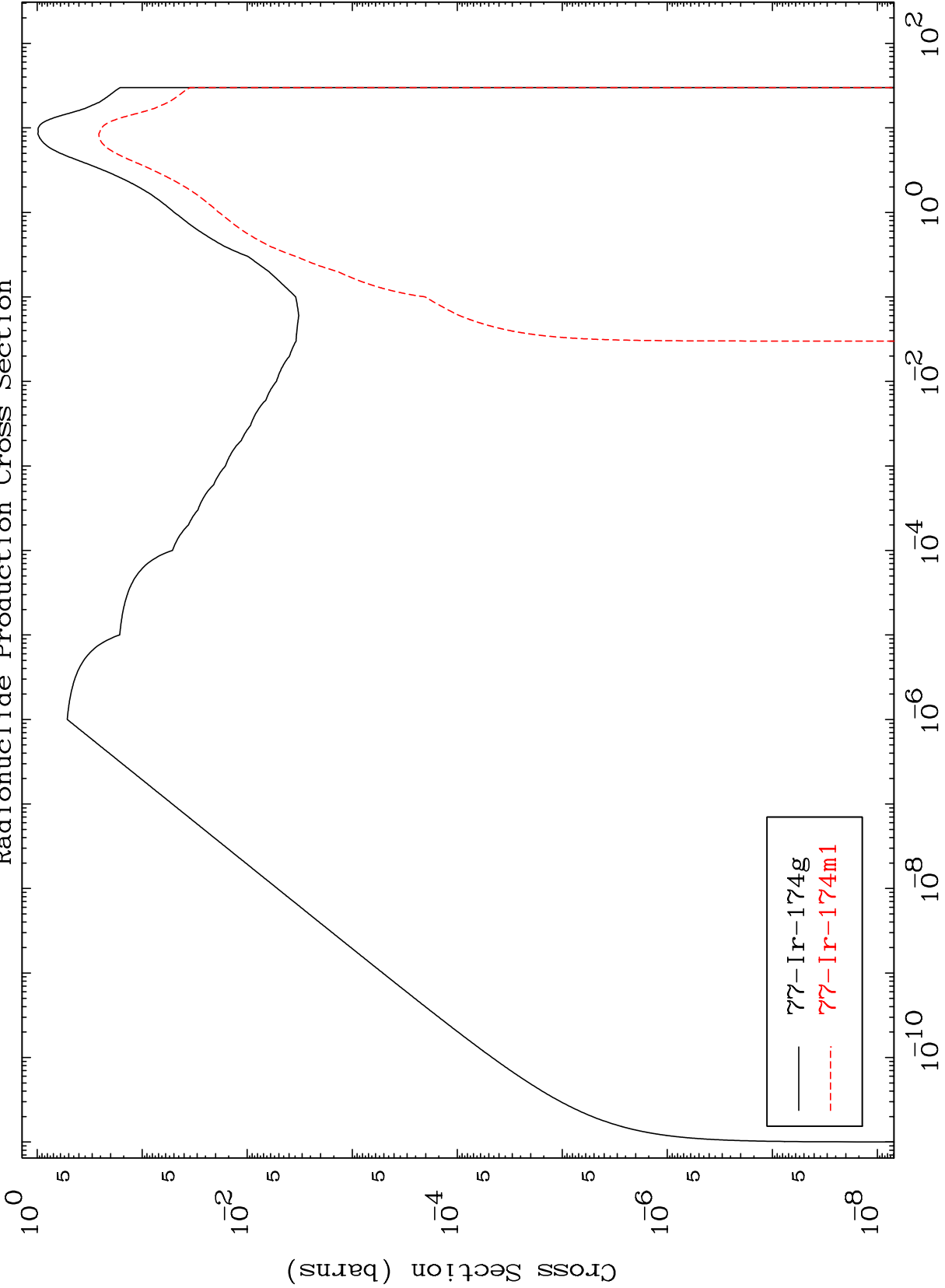
Incident Energy (MeV)

77-Ir-174m

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Inelastic
Radionuclide Production Cross Section

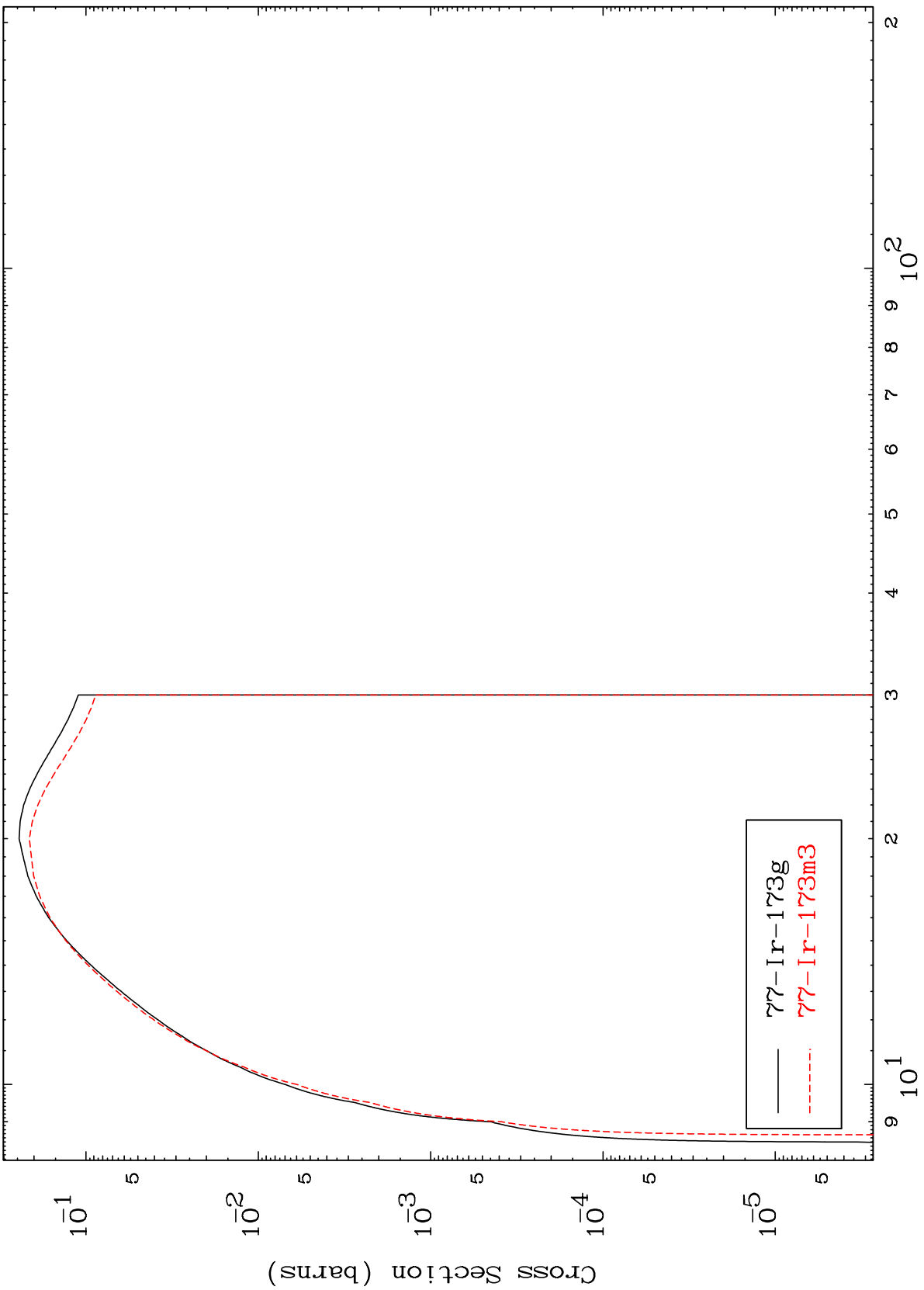
$^{77}\text{Ir}-174\text{m}$



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⁷⁷Ir-174m

Radionuclide Production Cross Section



— ⁷⁷Ir-173g
- - - ⁷⁷Ir-173m3

⁷⁷Ir-174m

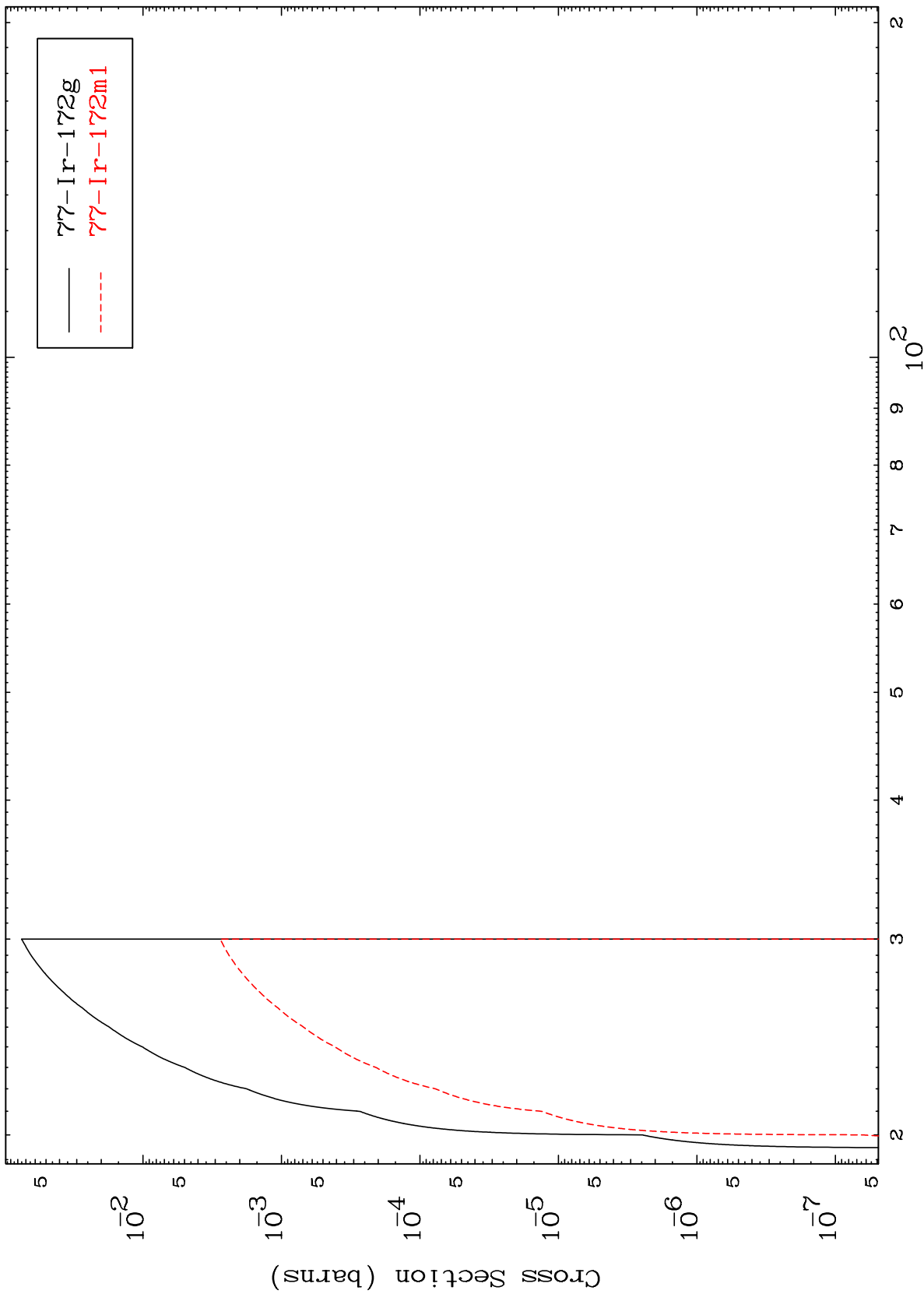
Incident Energy (MeV)

20

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⁷⁷Ir-174m

(n,3n)
Radionuclide Production Cross Section



⁷⁷Ir-174m

Incident Energy (MeV)

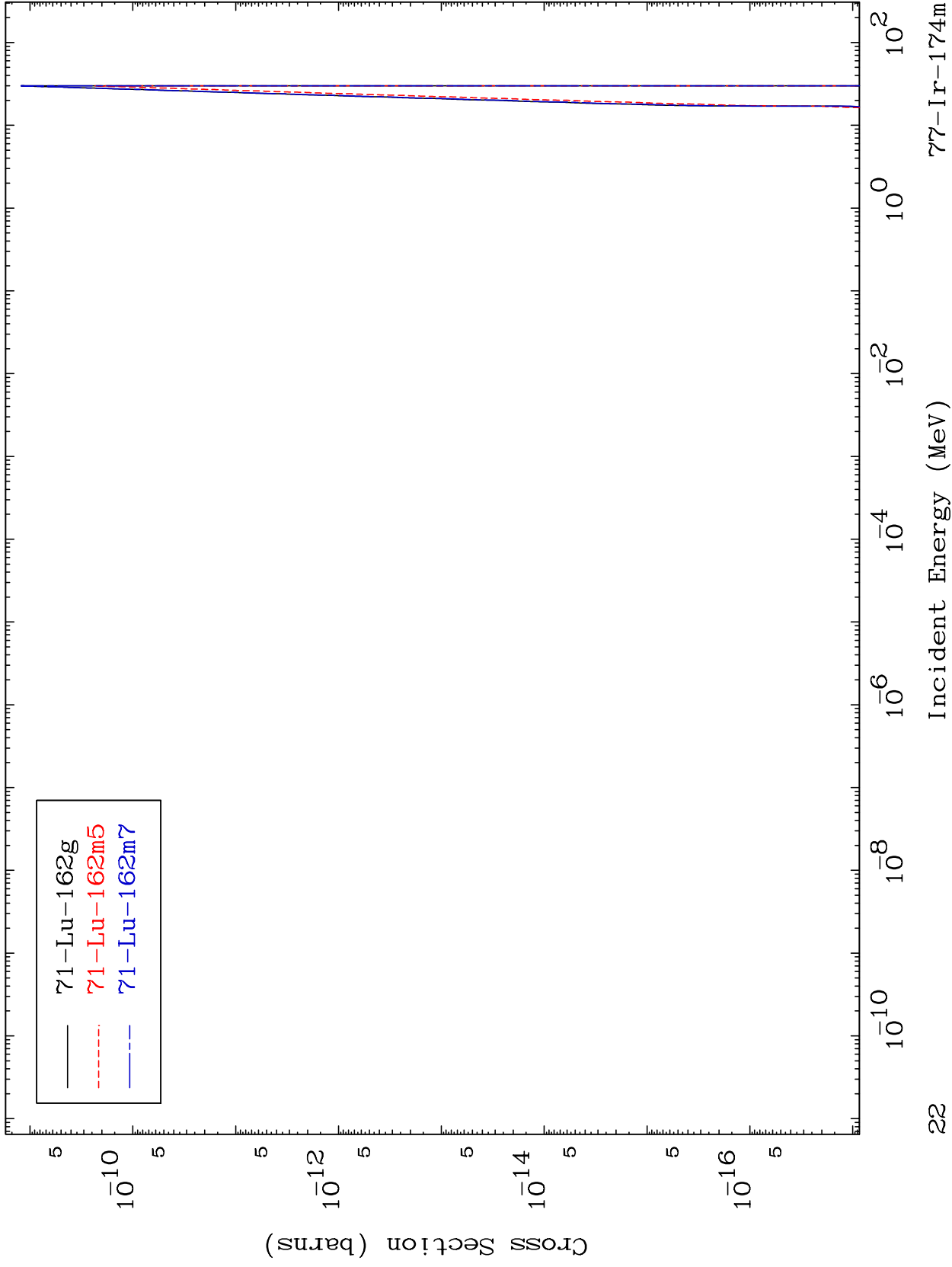
21

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(n,n') 3 α

⁷⁷Ir-174m

Radionuclide Production Cross Section

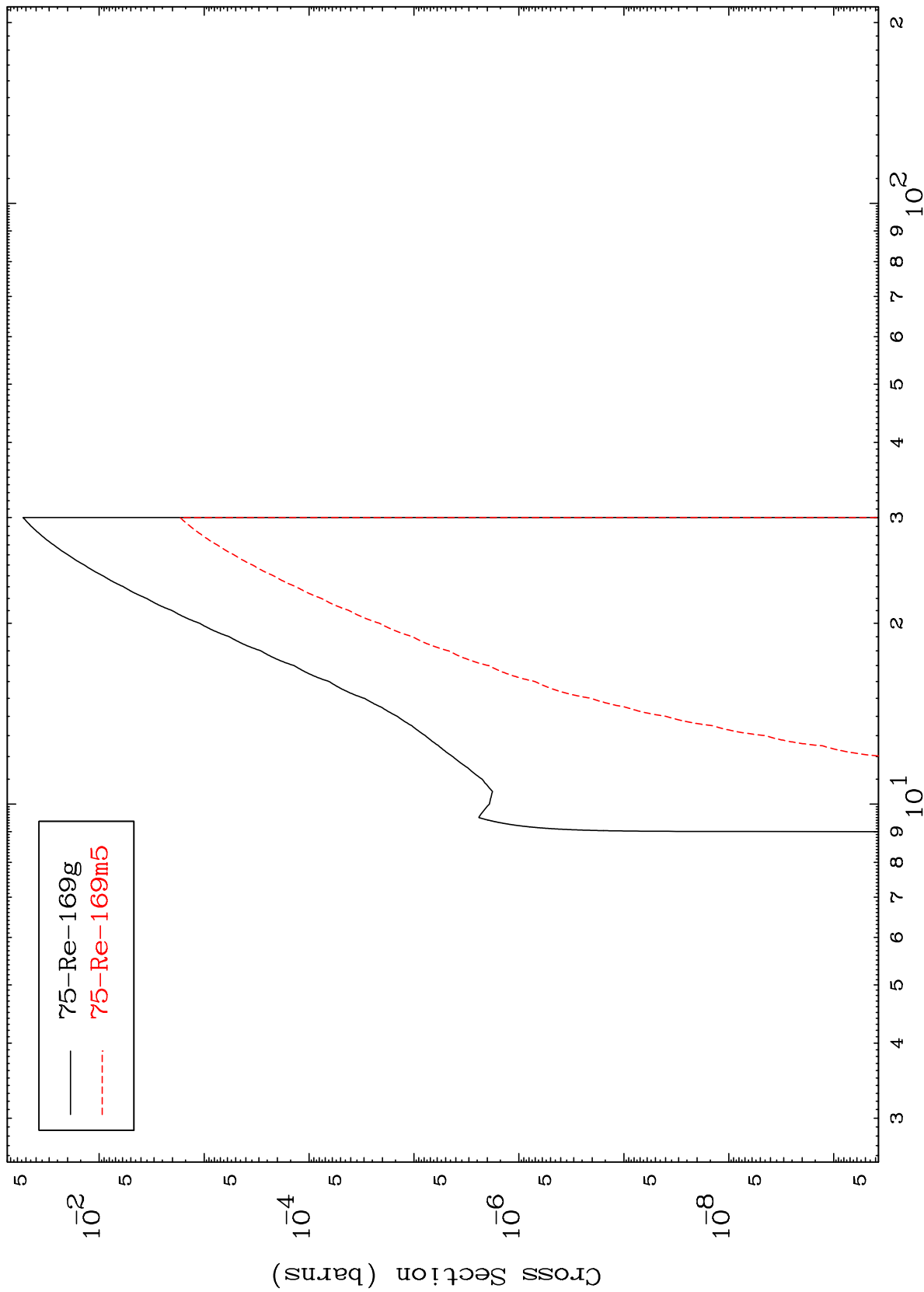


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(n,2n) α

77-Ir-174m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-174m

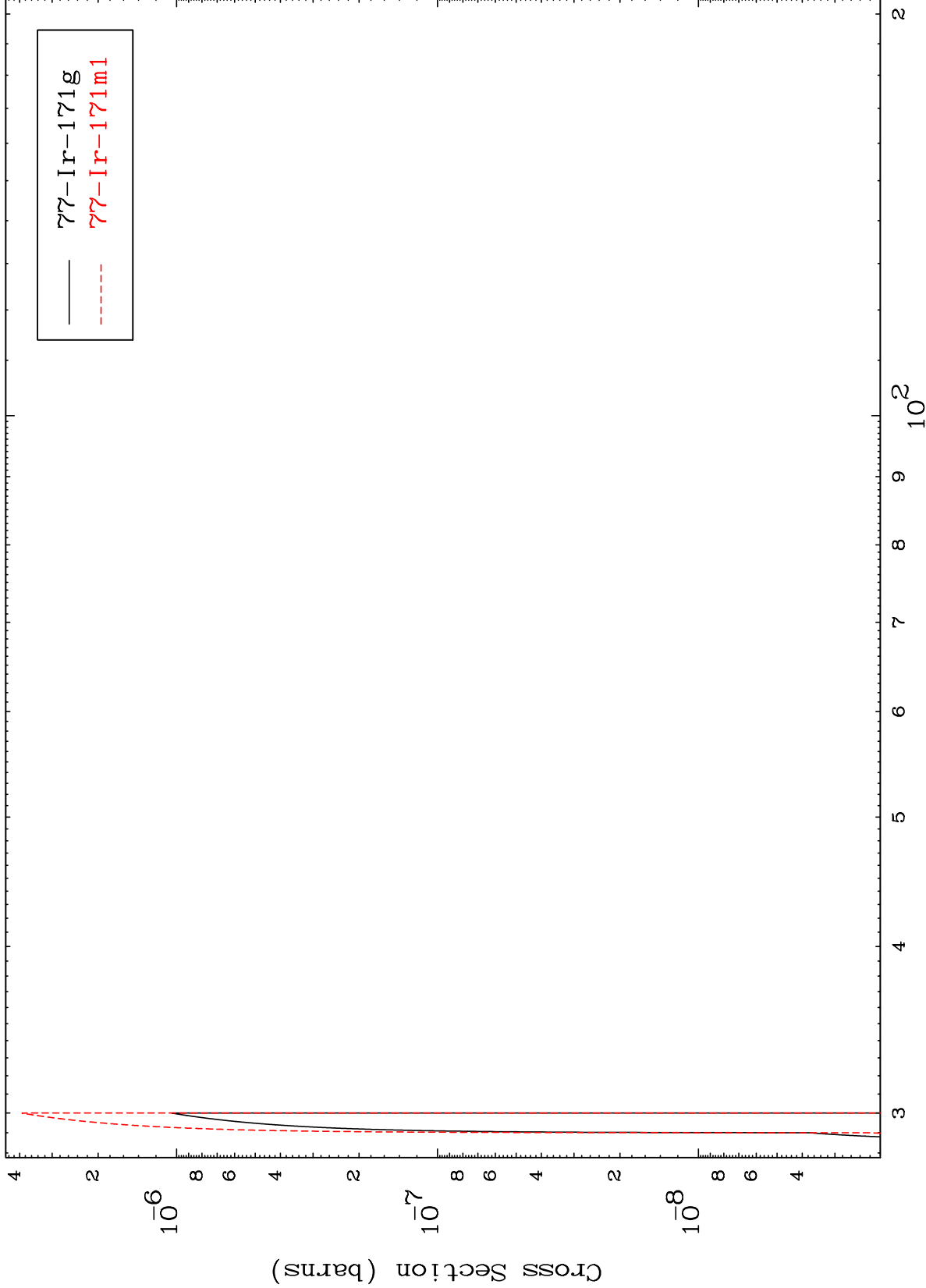
23

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(n,4n)

⁷⁷Ir-174m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

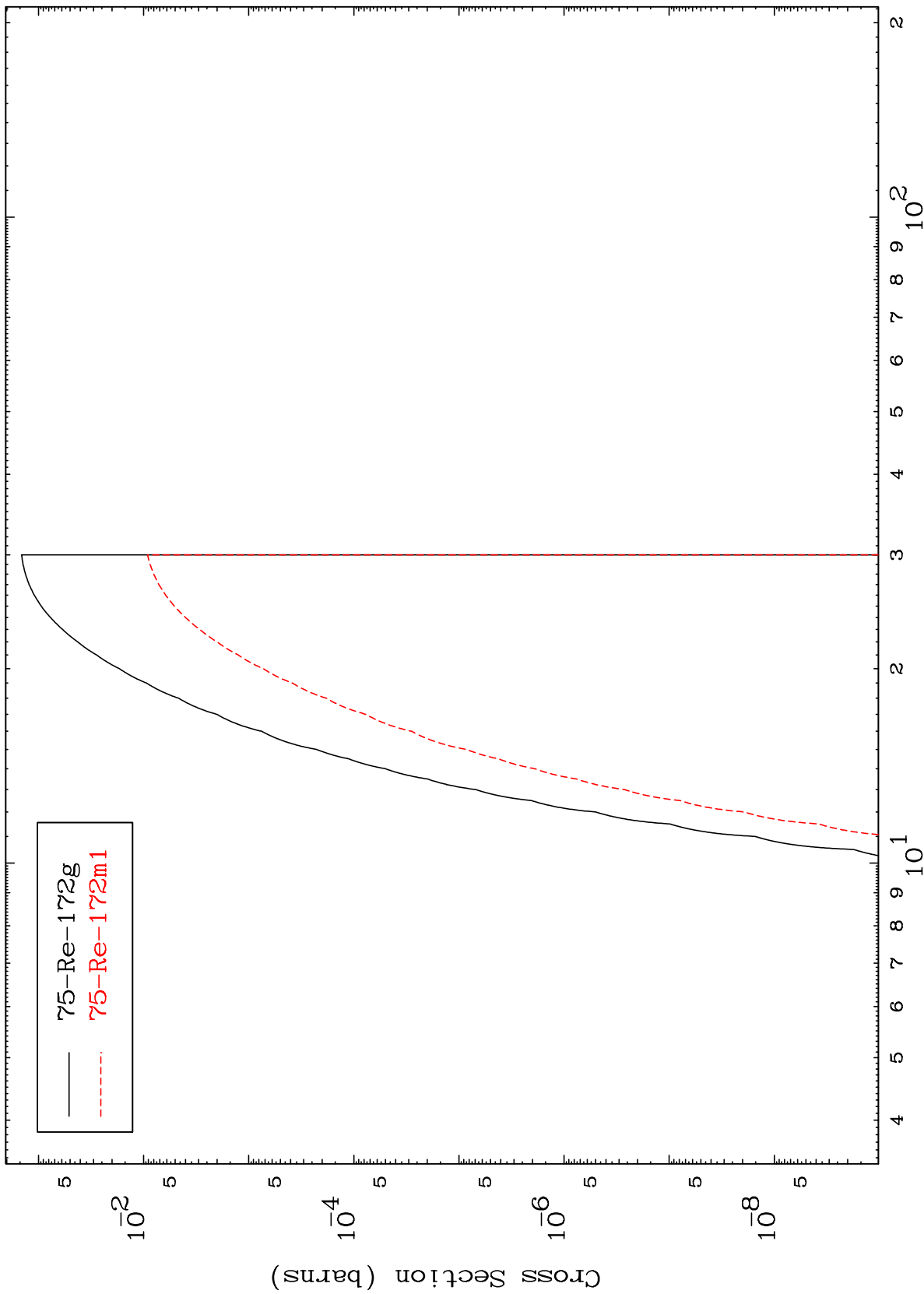
⁷⁷Ir-174m

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(n,2n) p

⁷⁷Ir-174m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

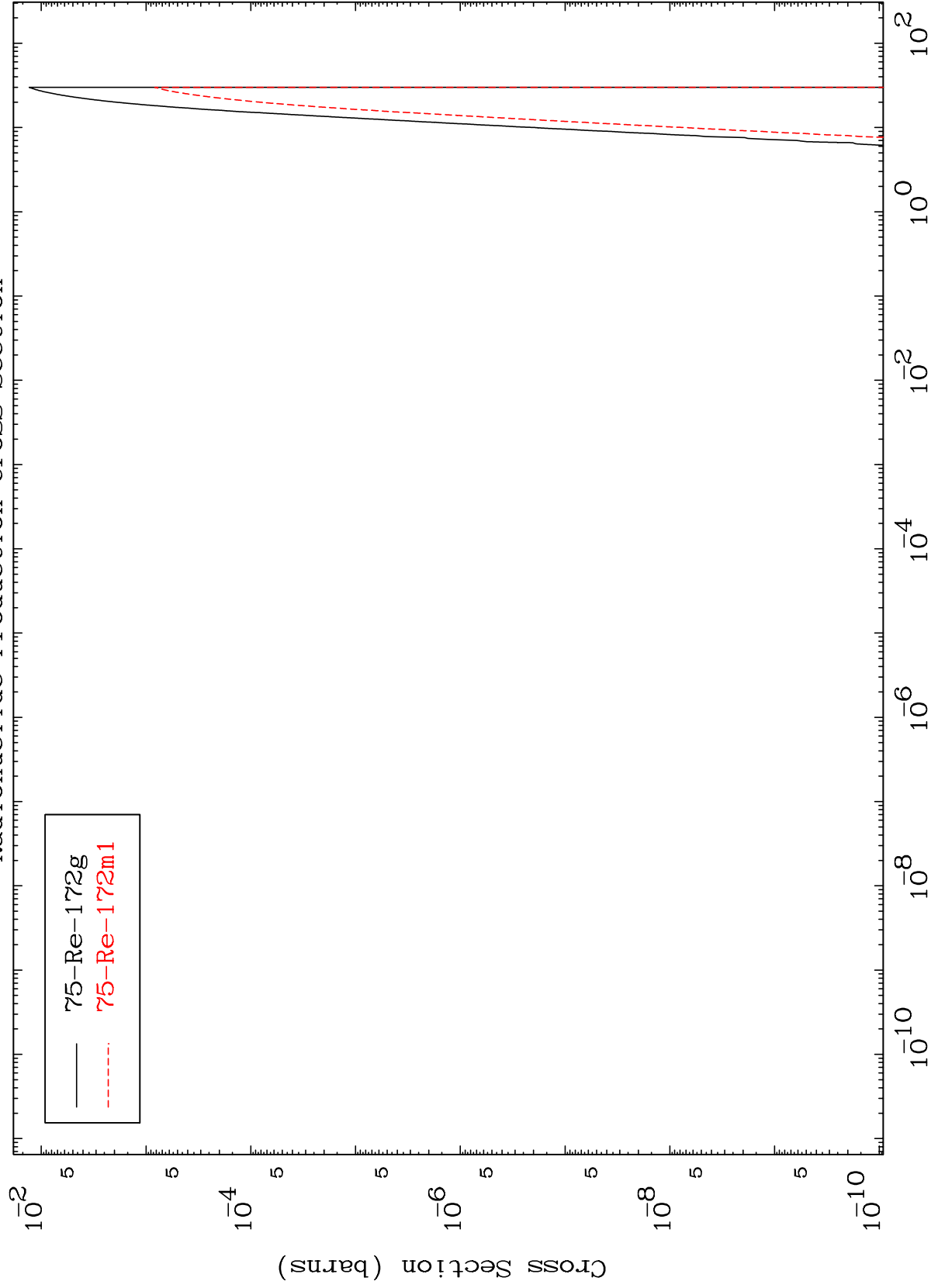
⁷⁷Ir-174m

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(n,He-3)

77-Ir-174m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-174m

26

MAT 7675

(n,p) d

⁷⁷Ir-174m

Radionuclide Production Cross Section

