

Program EVALPLOT
(Version 2021-1)

by

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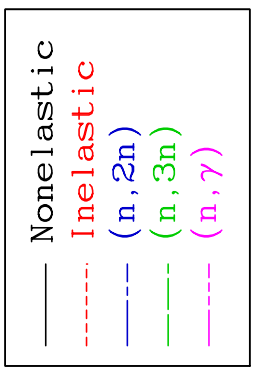
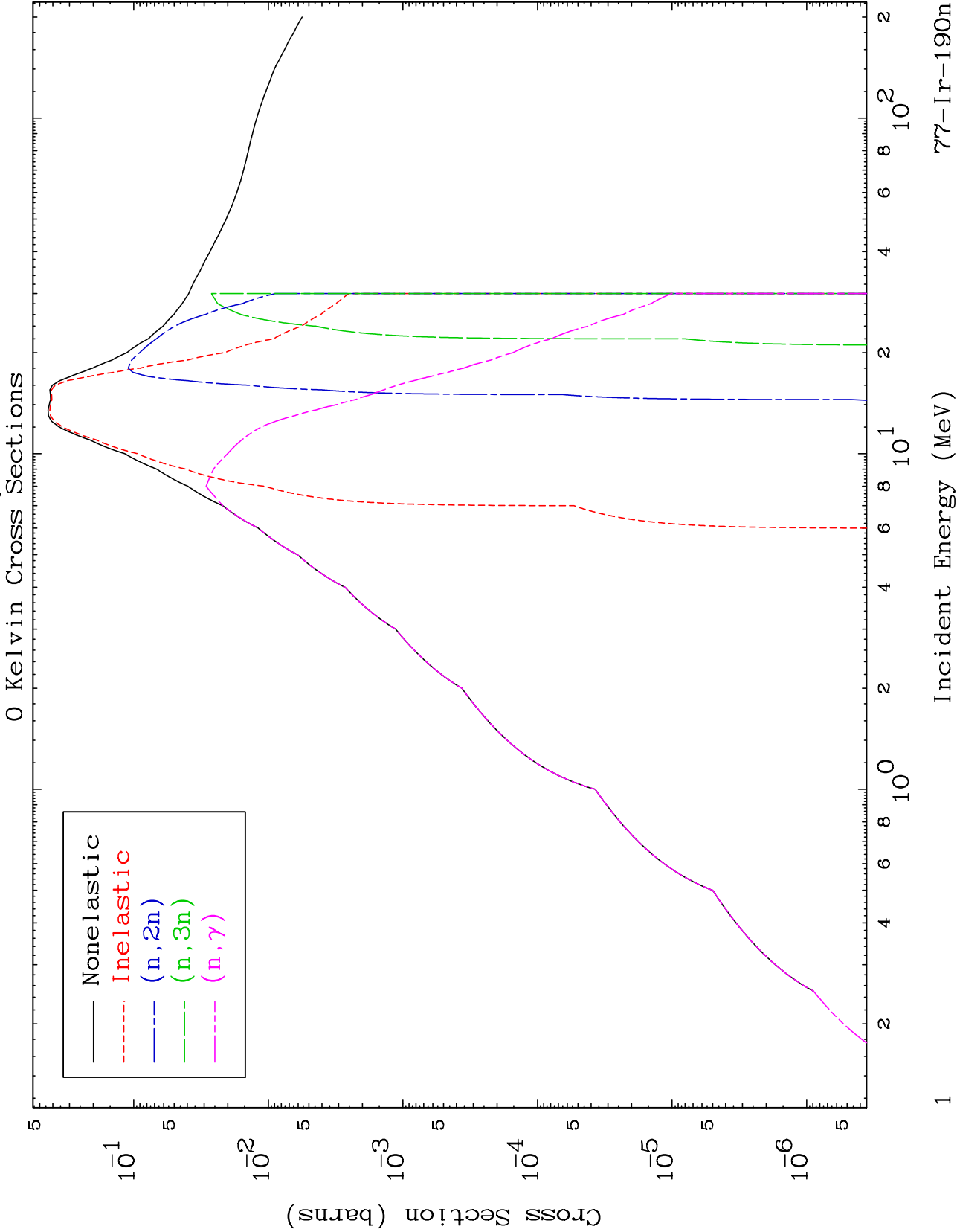
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7724

Photon Major

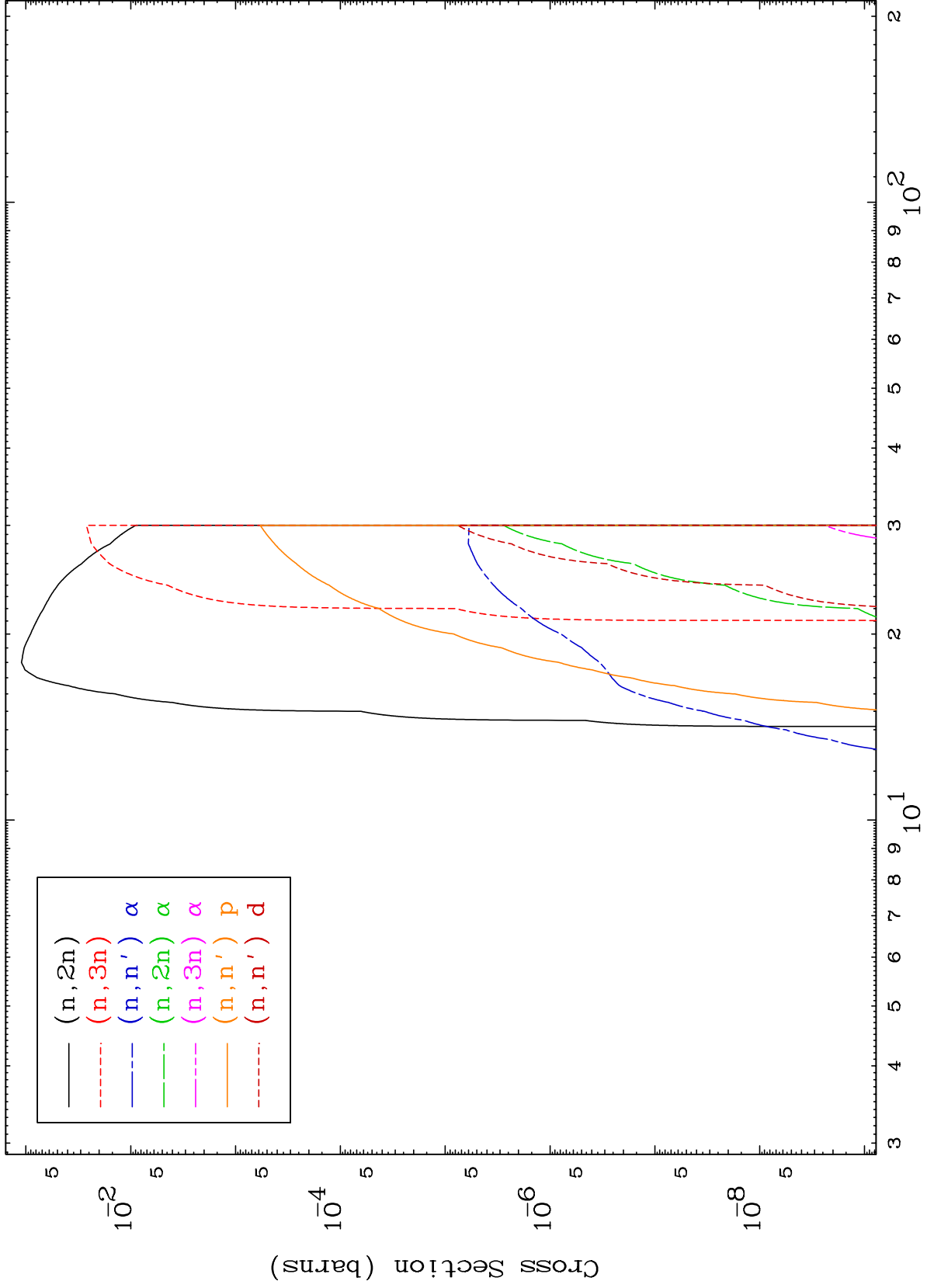
77-Ir-190n



MAT 7724

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-190n



Incident Energy (MeV)

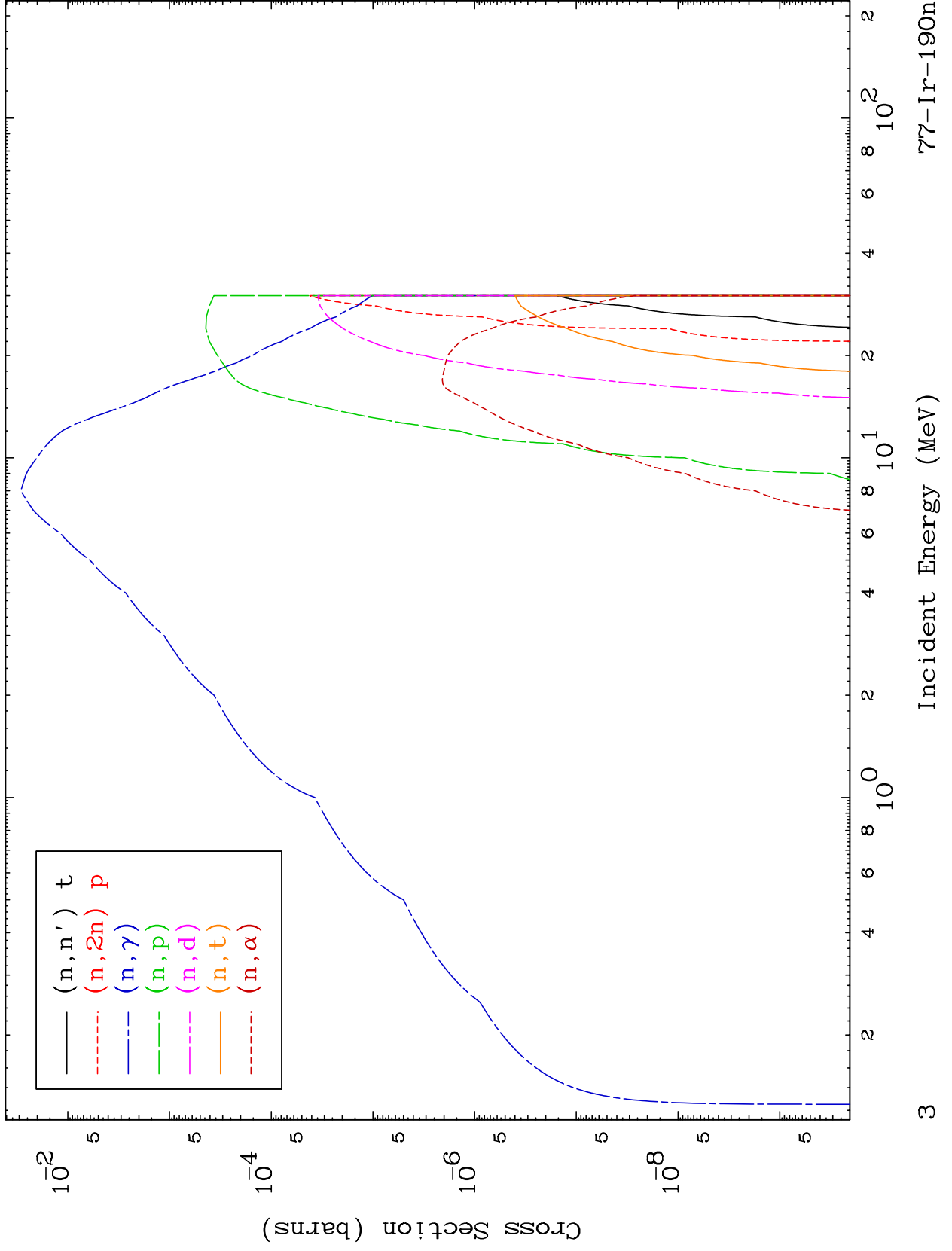
77-Ir-190n

2

MAT 7724

Photon Neutron Absorption
0 Kelvin Cross Sections

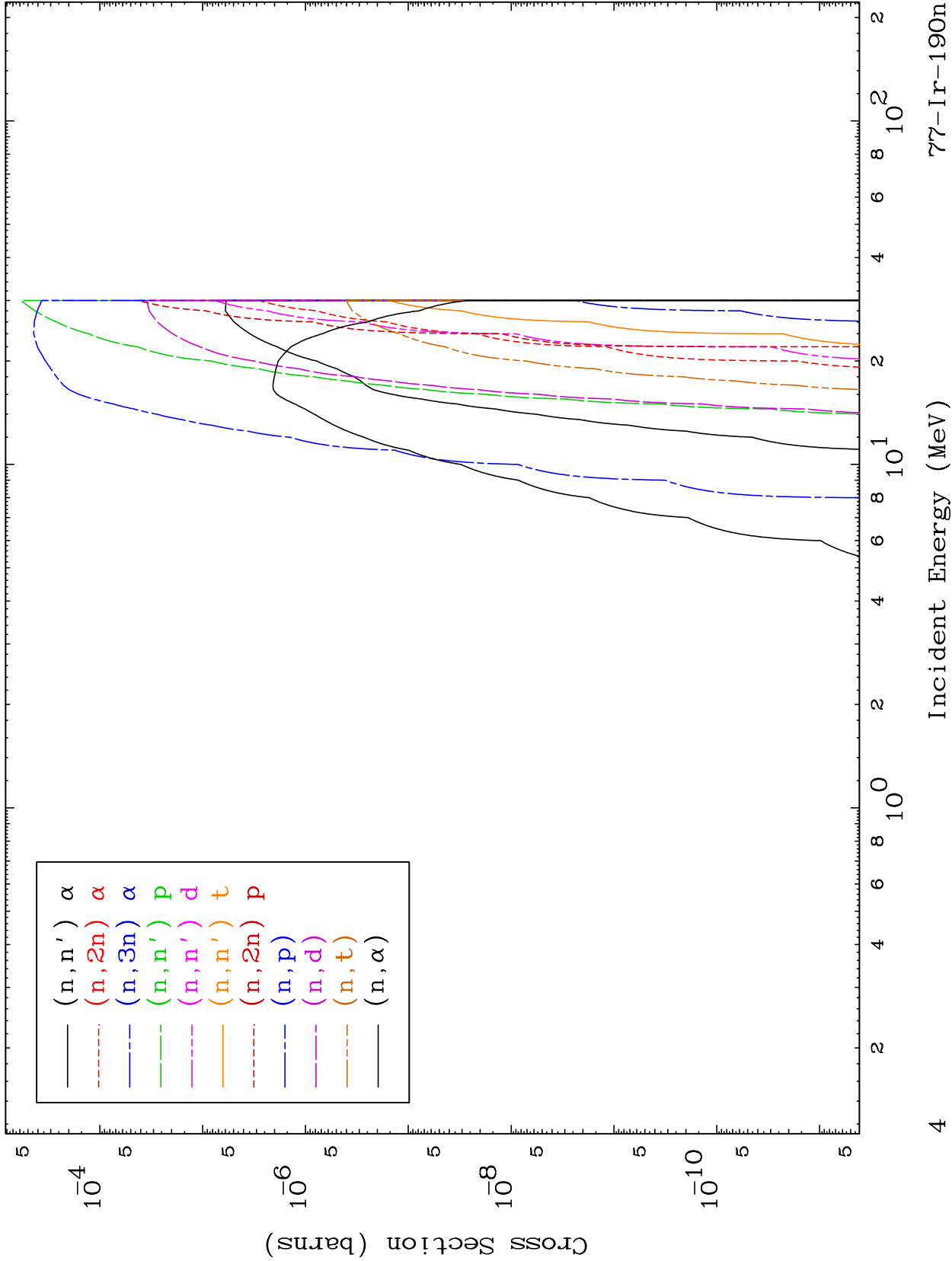
77-Ir-190n



MAT 7724

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-190n

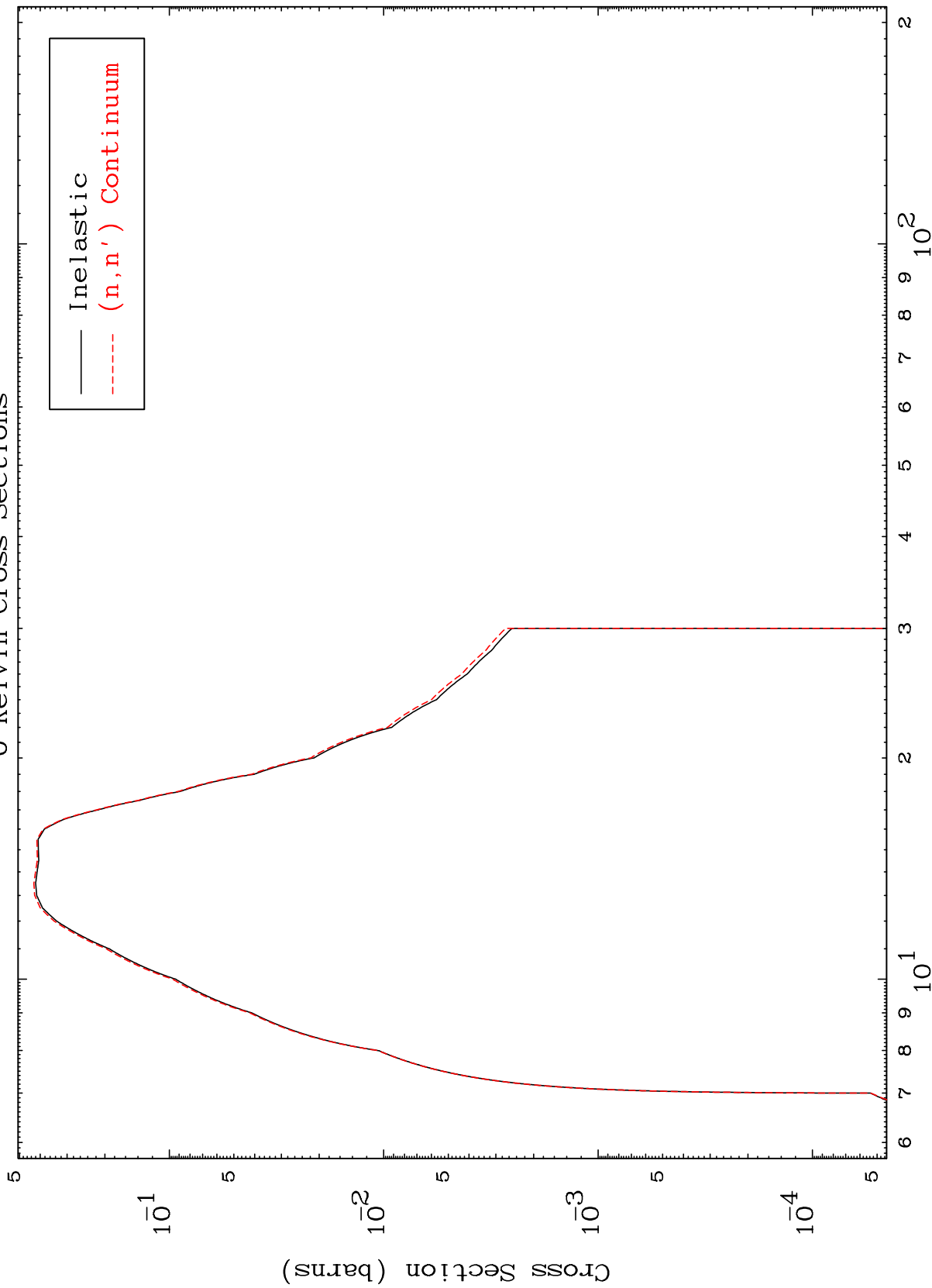


77-Ir-190n

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77-Ir-190n

(γ, n') Levels
0 Kelvin Cross Sections



77-Ir-190n

Incident Energy (MeV)

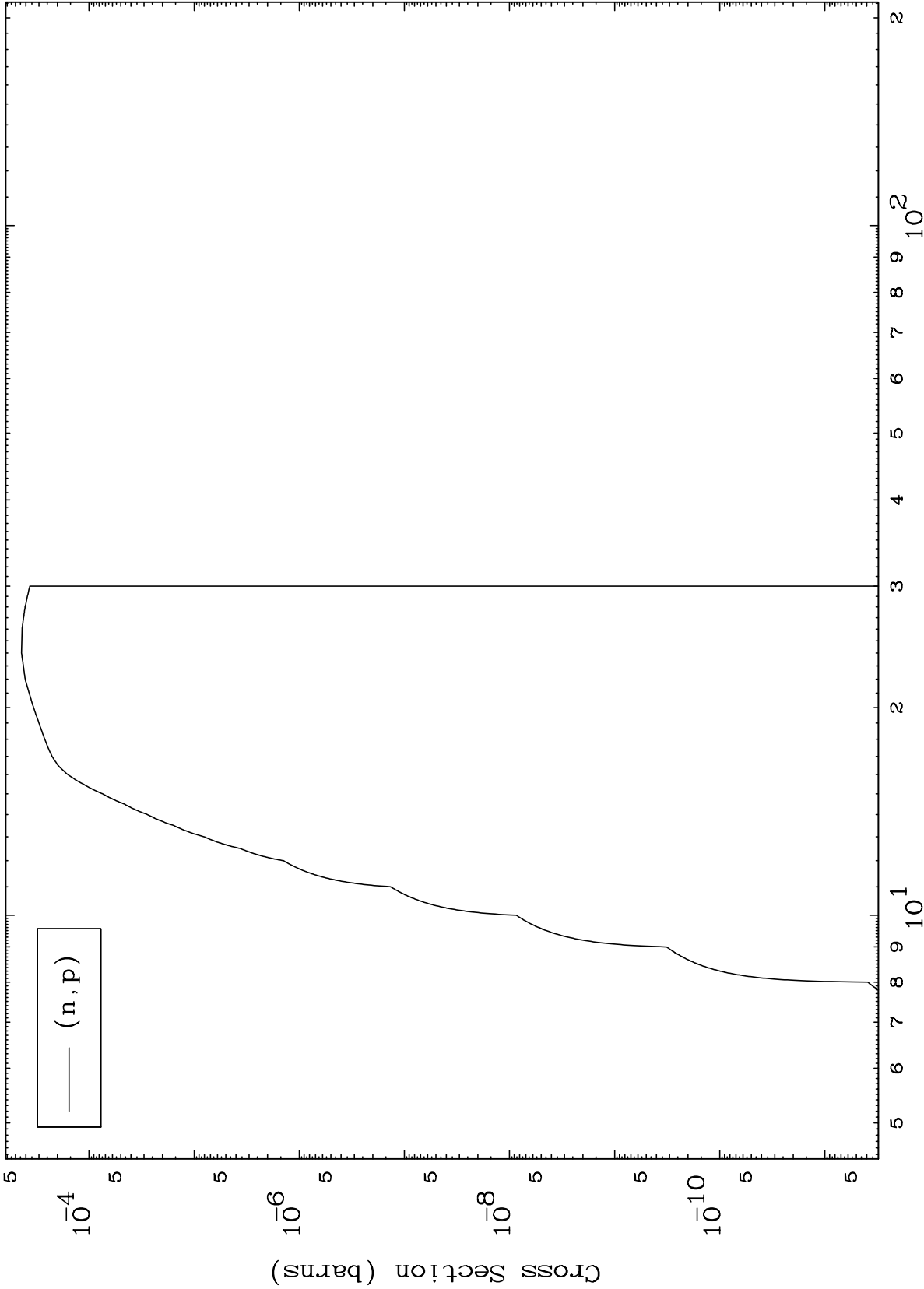
5

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(γ, p) Levels

77-Ir-190n

0 Kelvin Cross Sections



Incident Energy (MeV)

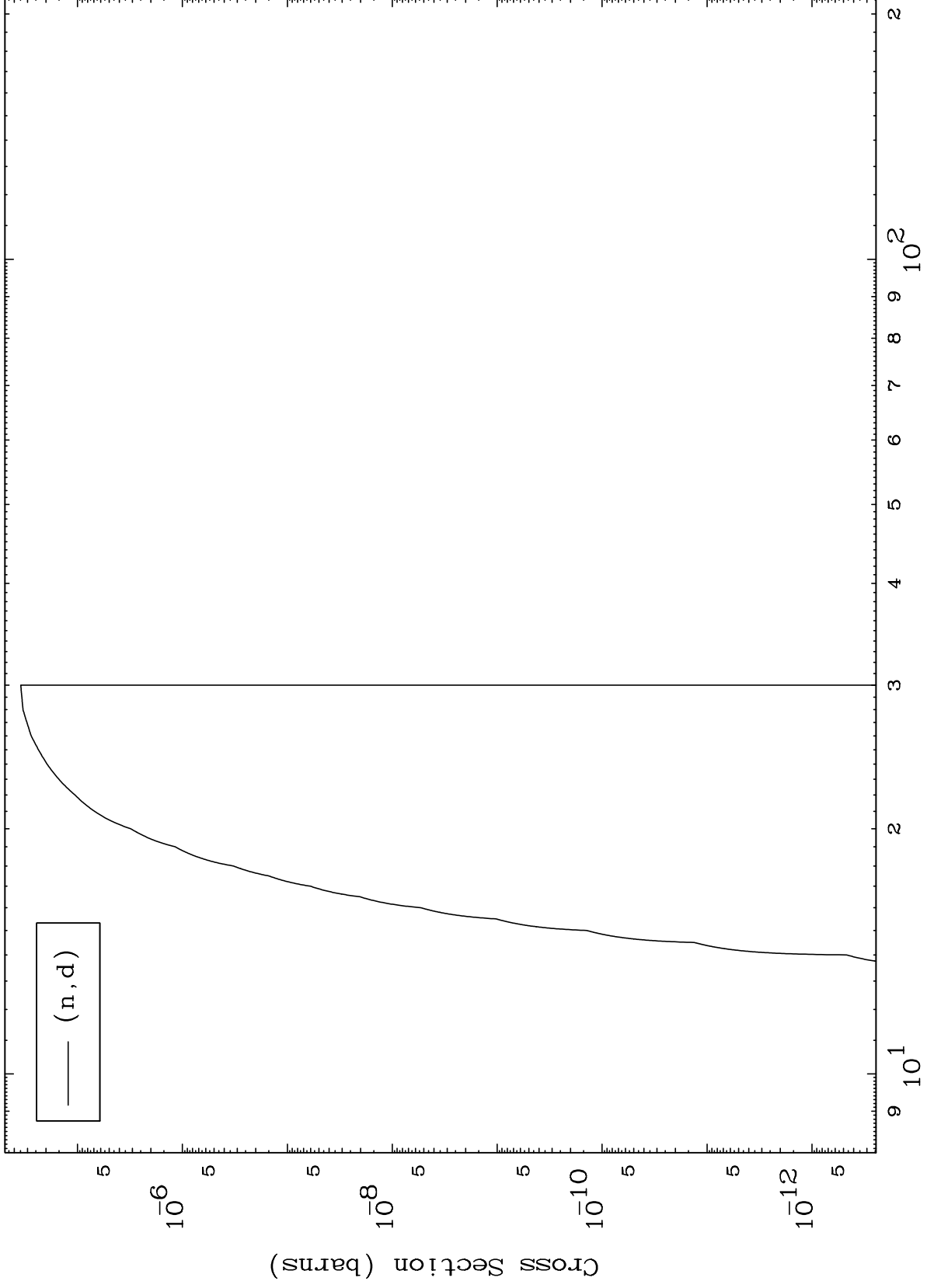
77-Ir-190n

6

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(γ, d) Levels
0 Kelvin Cross Sections

77-Ir-190n



7

Incident Energy (MeV)

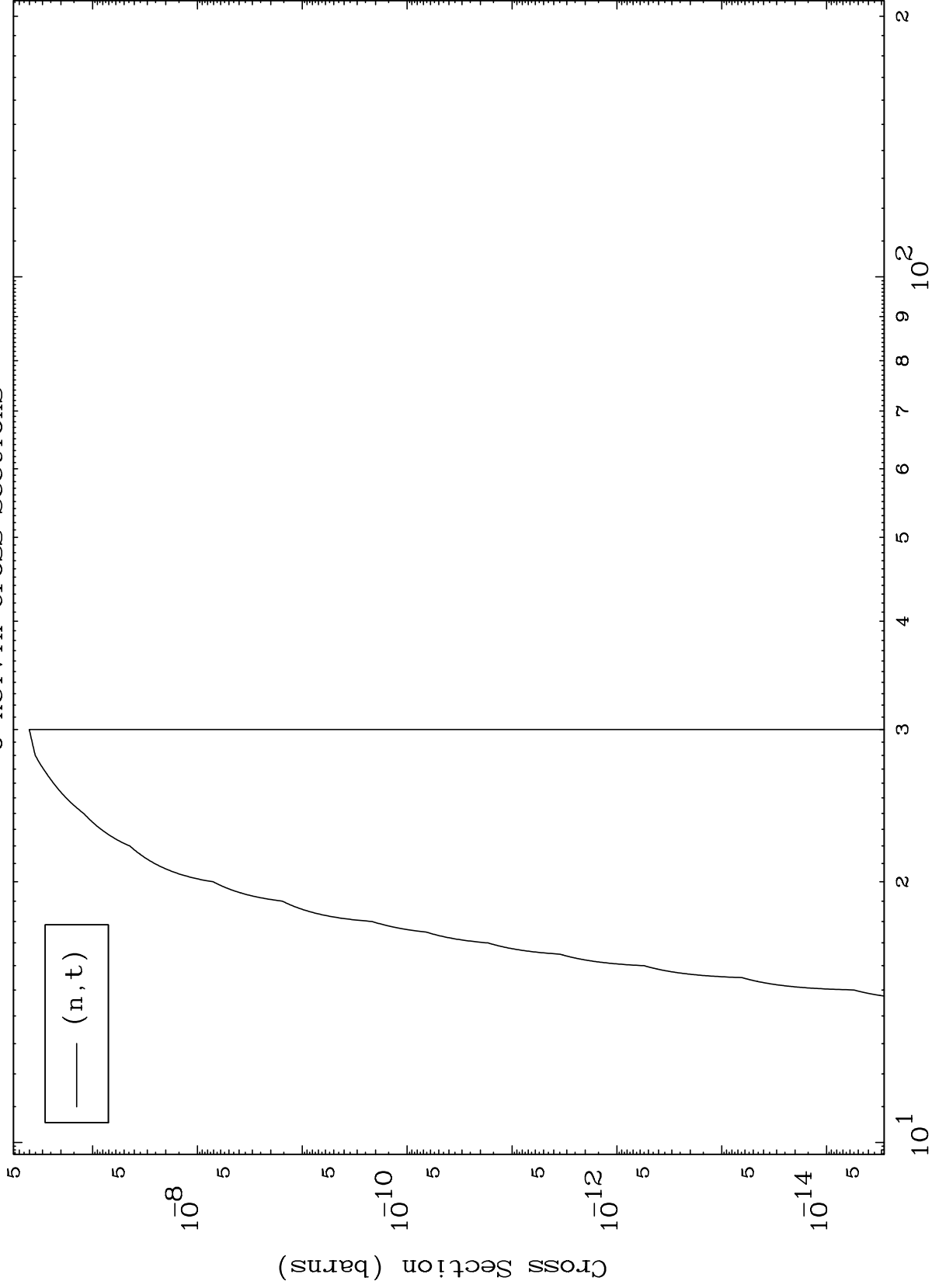
77-Ir-190n

MAT 7724

(γ, t) Levels

77-Ir-190n

0 Kelvin Cross Sections



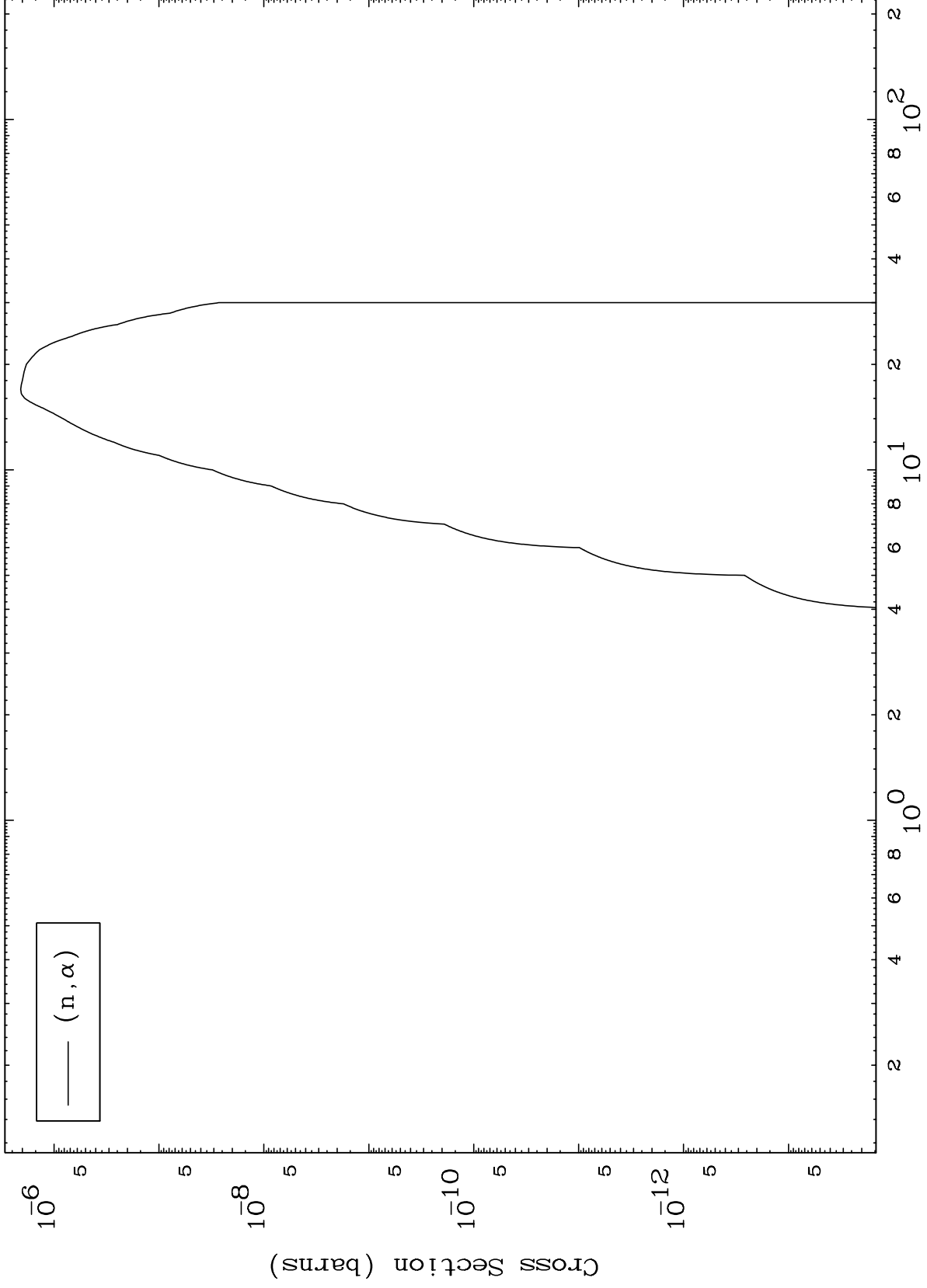
Incident Energy (MeV)

77-Ir-190n

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(γ, α) Levels
0 Kelvin Cross Sections

77-Ir-190n

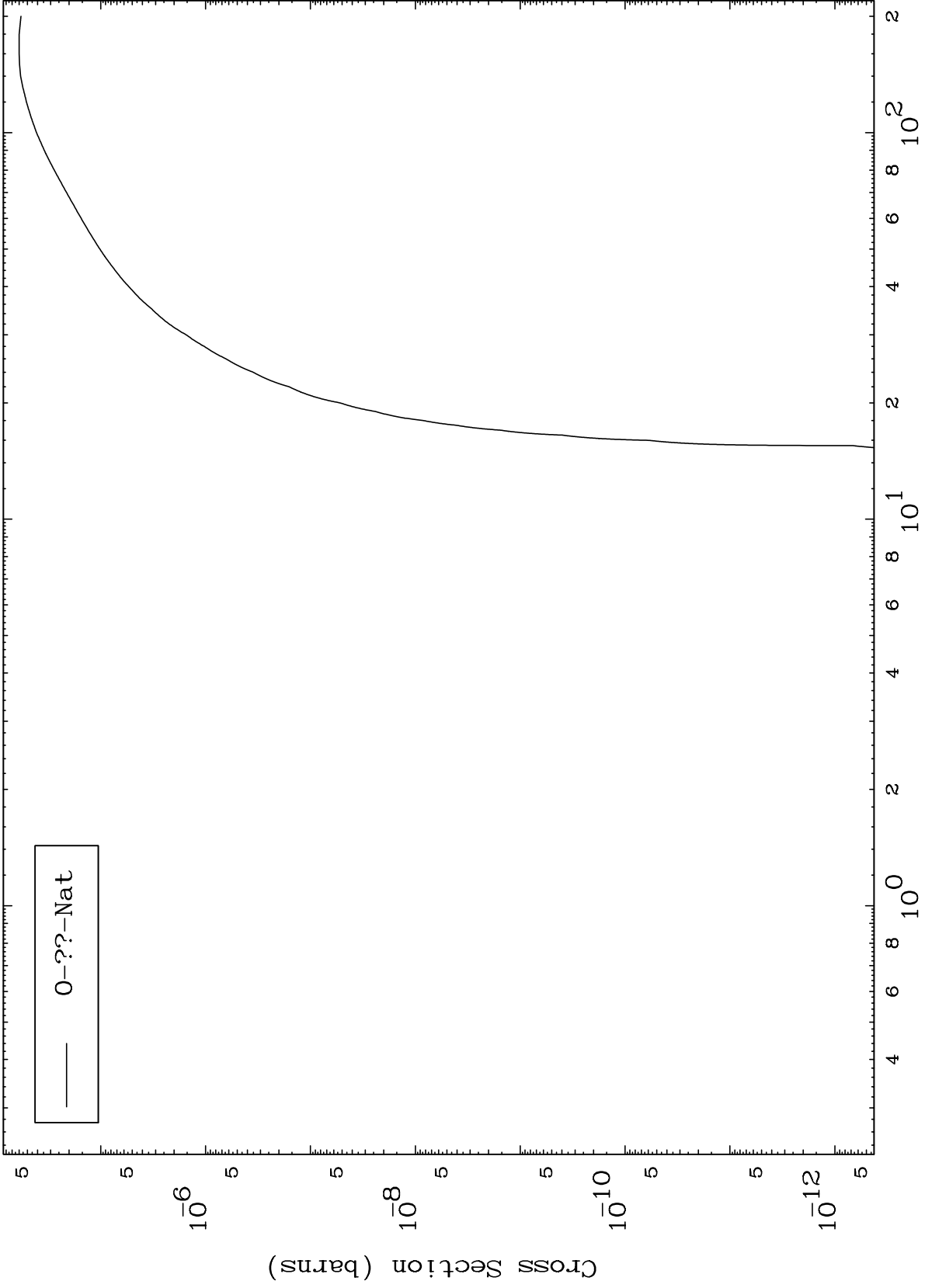


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Fission

⁷⁷Ir-190n

Radionuclide Production Cross Section



10

Incident Energy (MeV)

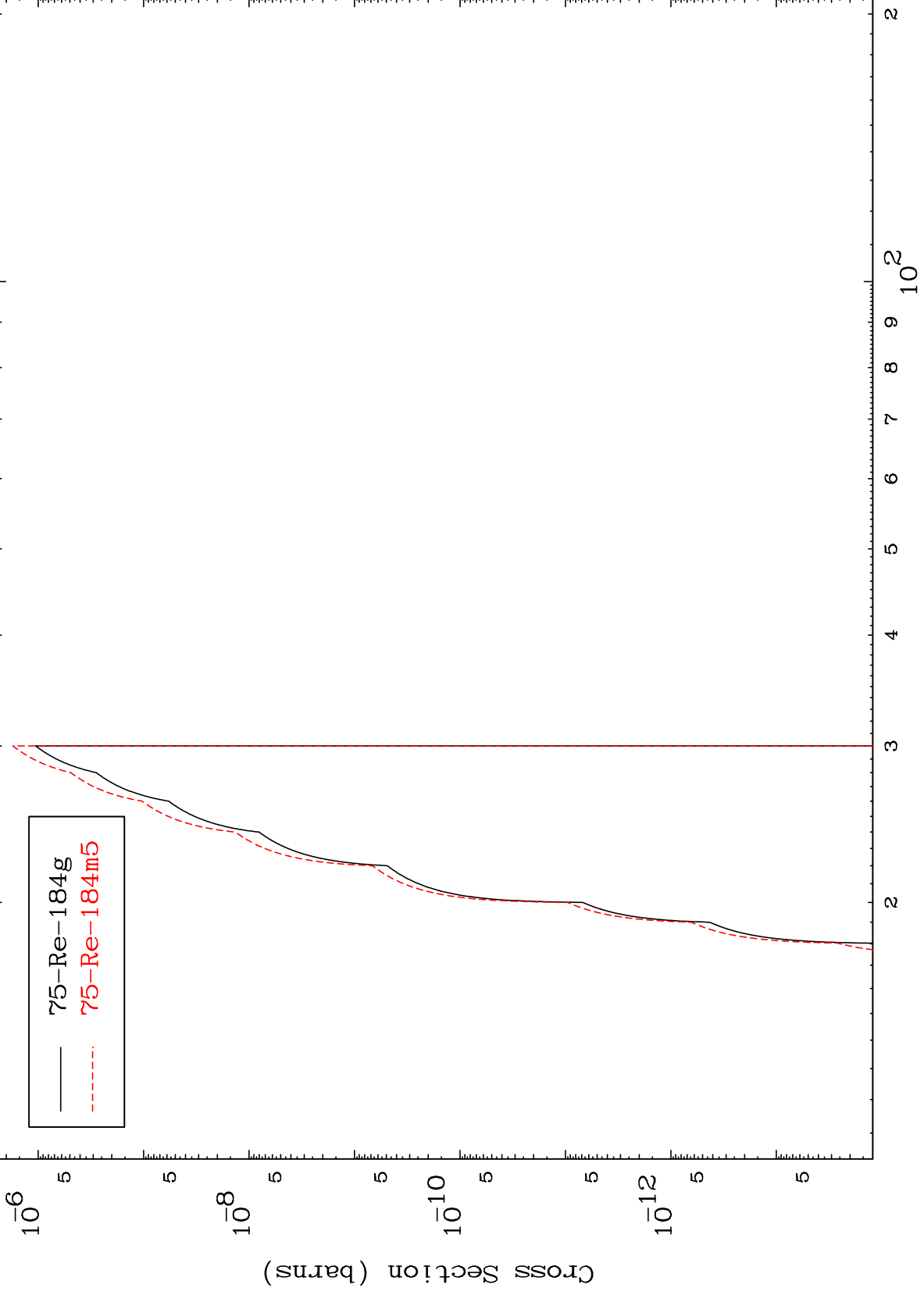
⁷⁷Ir-190n

MAT 7724

(n,2n) α

⁷⁷Ir-190n

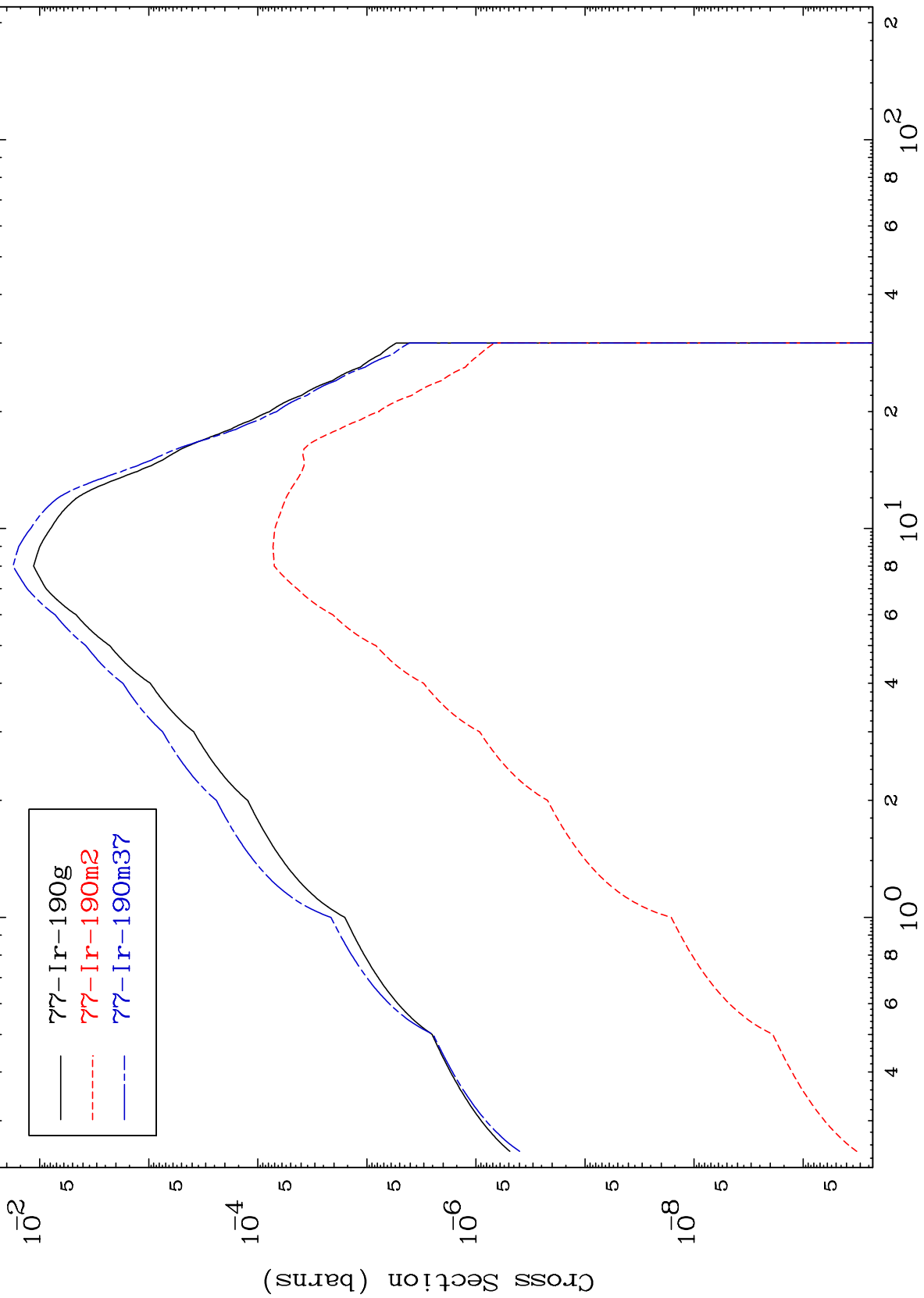
Radionuclide Production Cross Section



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⁷⁷Ir-190n

Radionuclide Production Cross Section

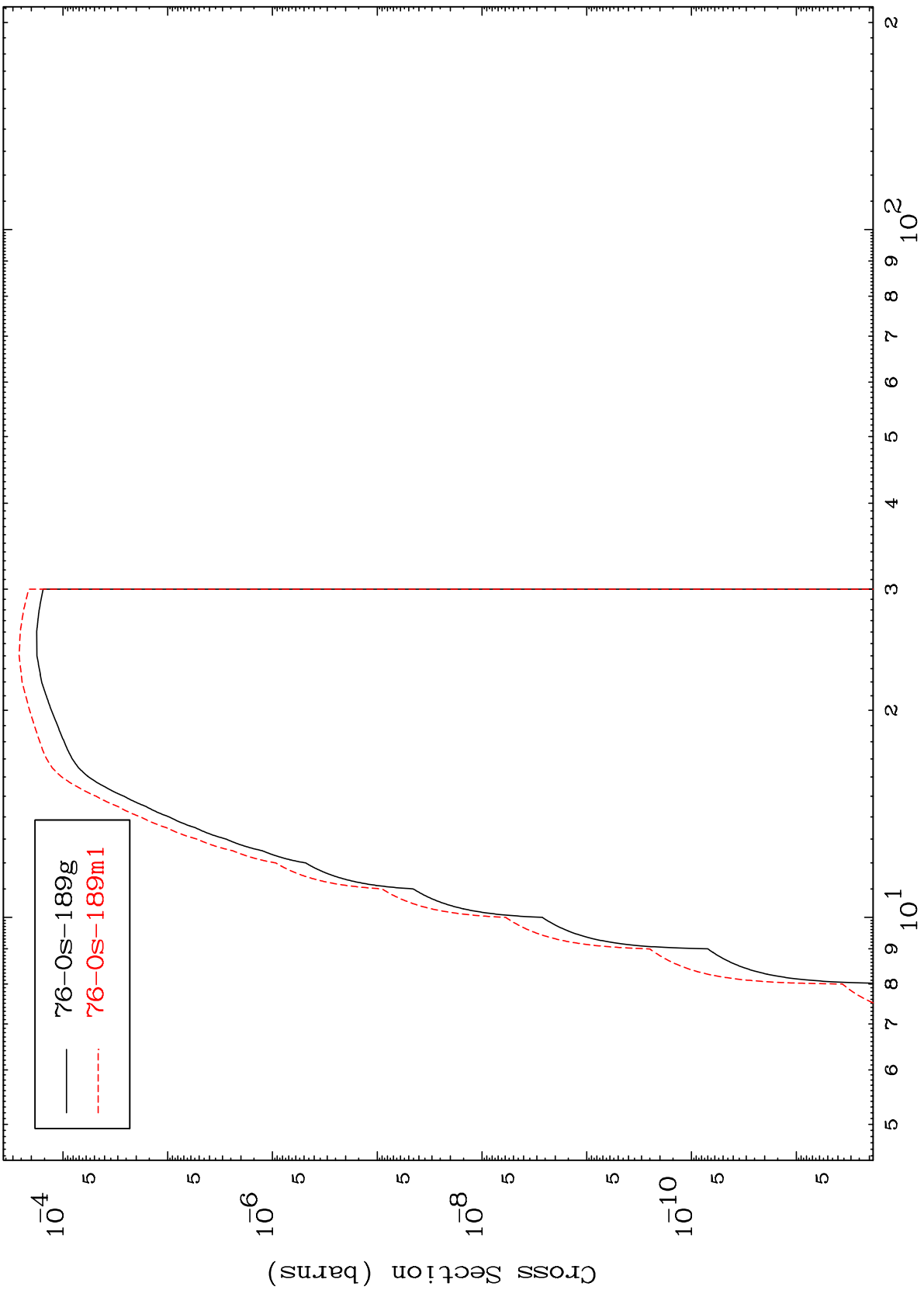


Legend:
— ⁷⁷Ir-190g
- - ⁷⁷Ir-190m2
- - ⁷⁷Ir-190m37

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⁷⁷Ir-190n

Radionuclide Production Cross Section (n,p)



— 76-Os-189g
- - - 76-Os-189m1

13

Incident Energy (MeV)

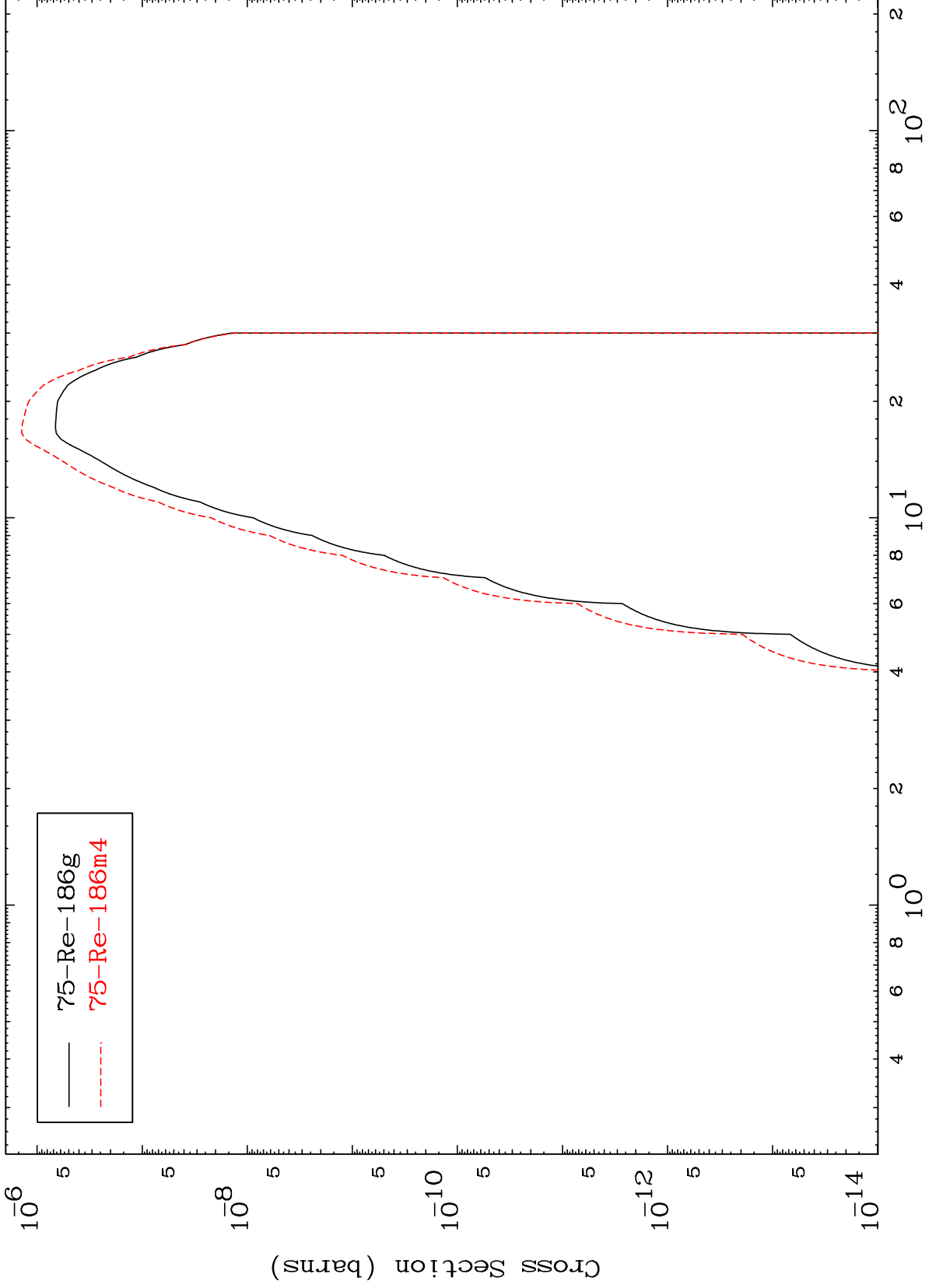
⁷⁷Ir-190n

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(n, α)

⁷⁷Ir-190n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

⁷⁷Ir-190n