

Program EVALPLOT
(Version 2018-1)

by

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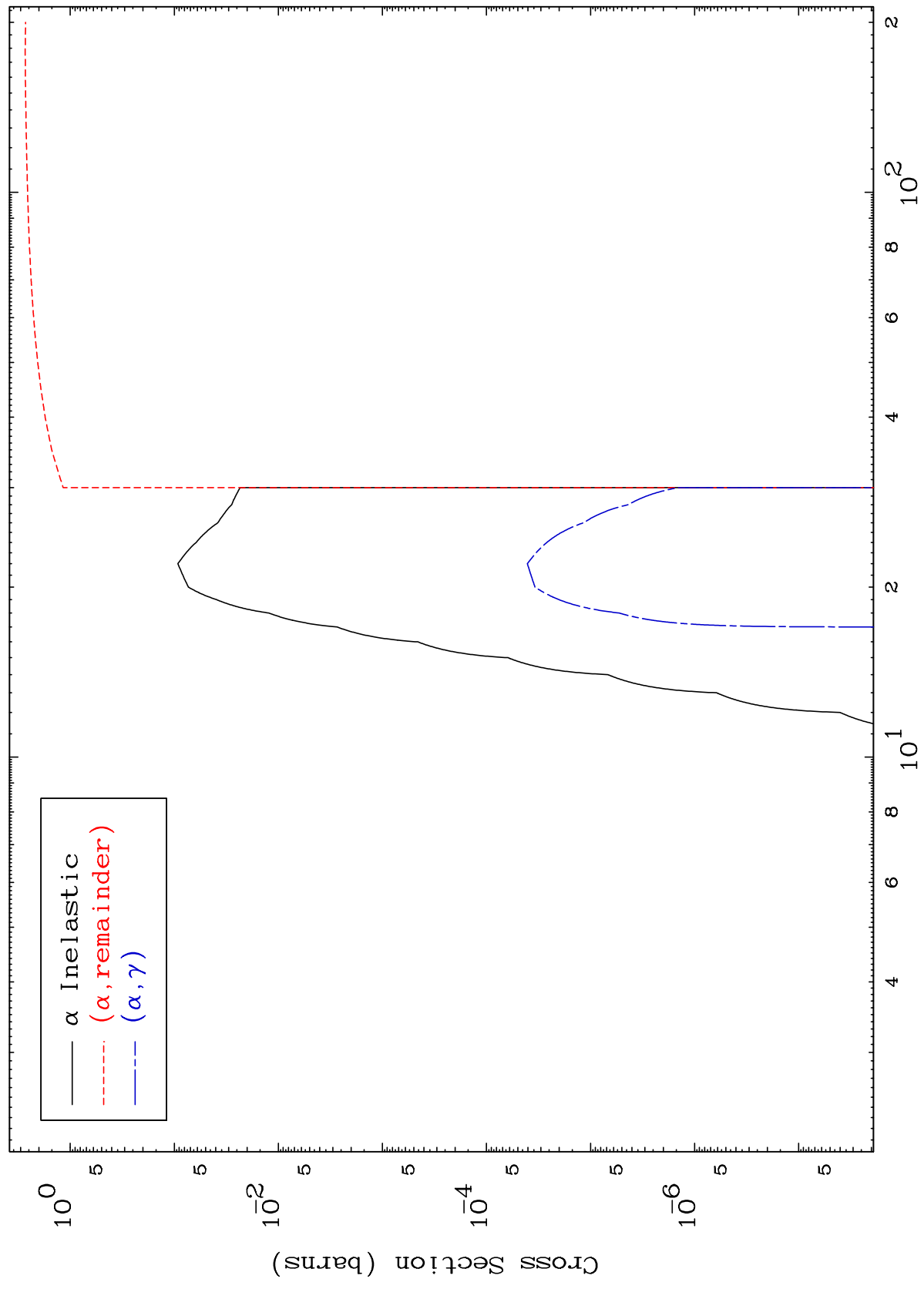
Press Mouse Button to Start

MAT 7723

0 Kelvin

Major α Cross Sections

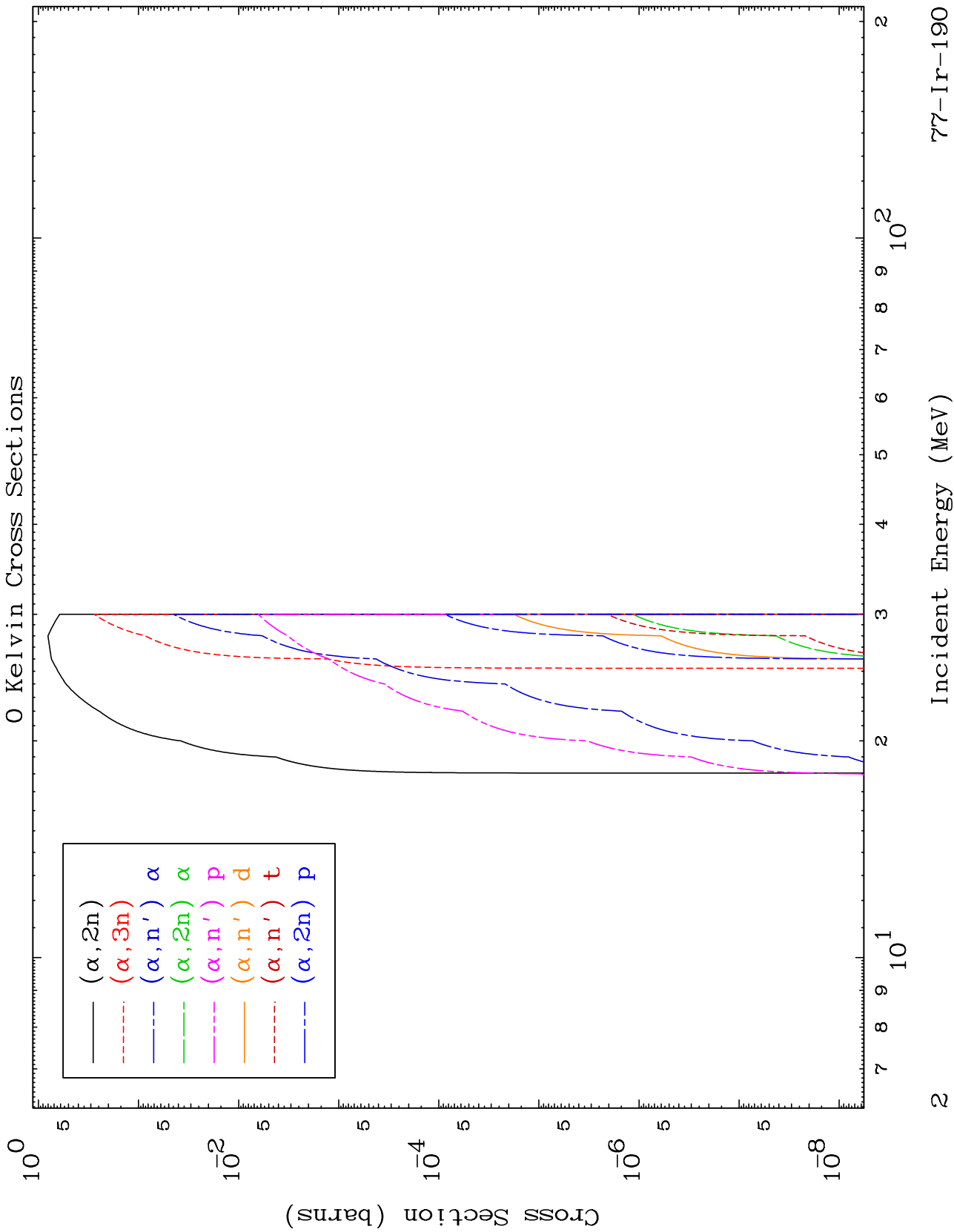
77-Ir-190

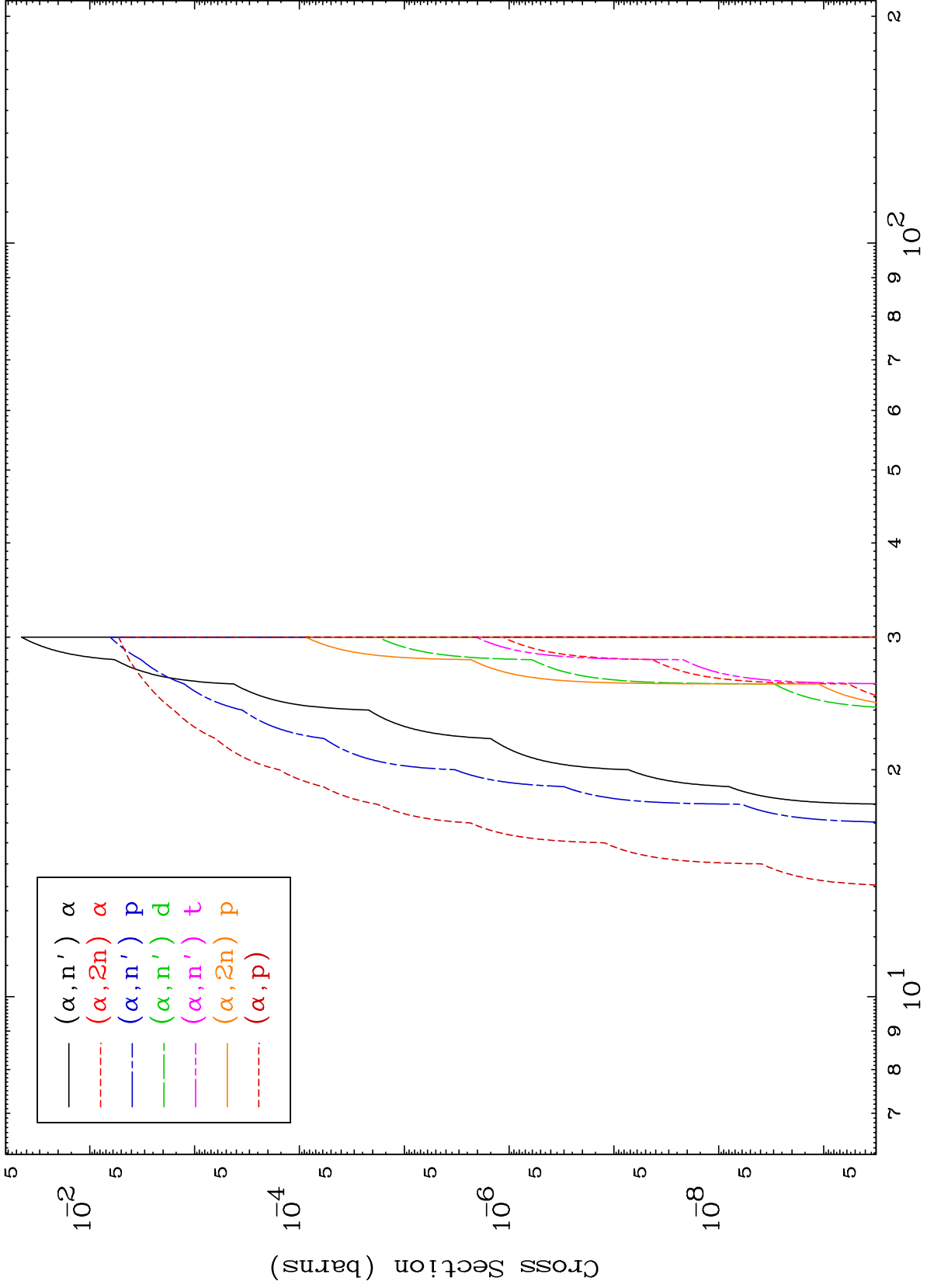


MAT 7723

α Neutron Production
0 Kelvin Cross Sections

77-Ir-190

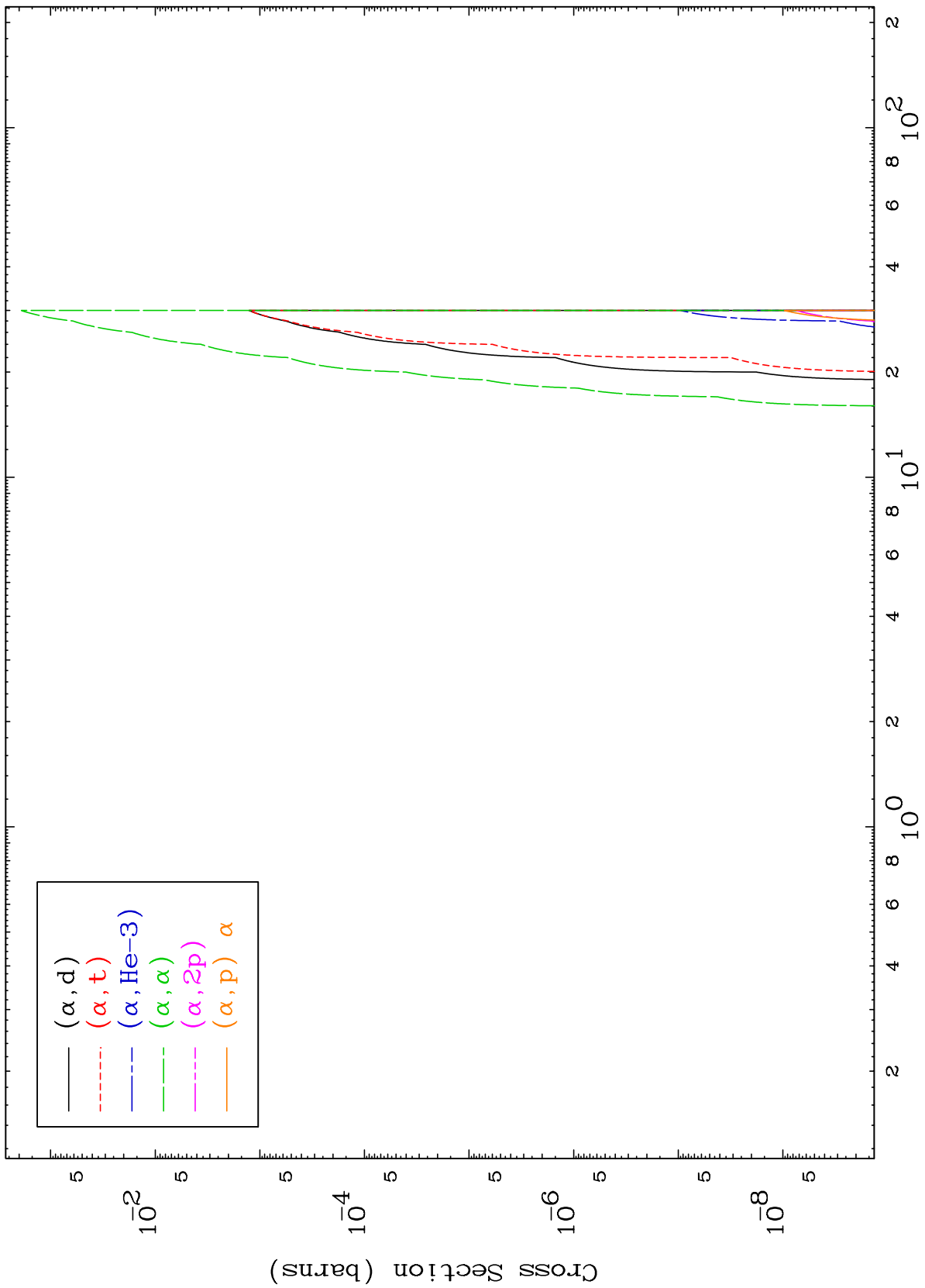




MAT 7723

α Charged Particle
0 Kelvin Cross Sections

77-Ir-190

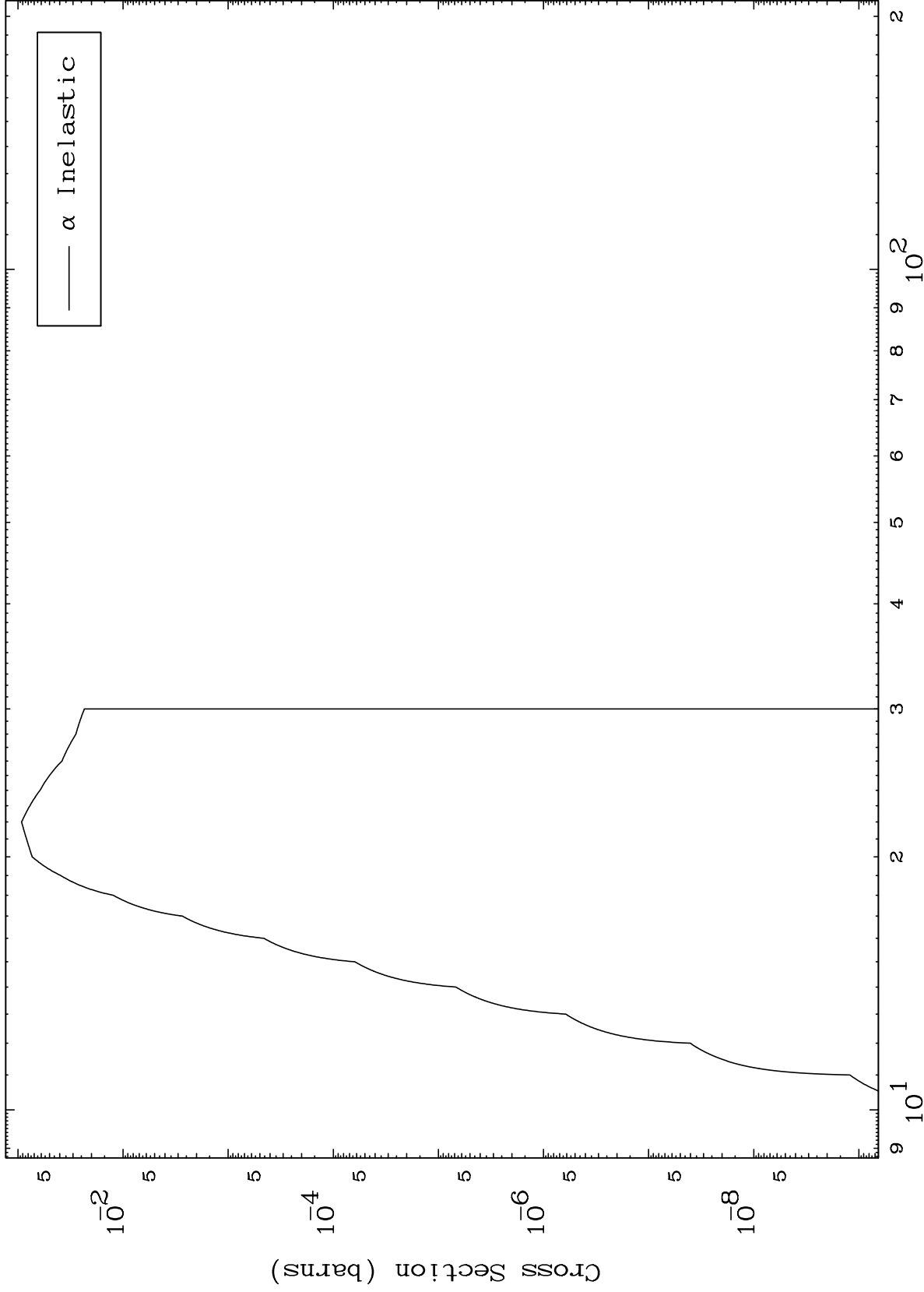


MAT 7723

(α, n') Level

77-Ir-190

0 Kelvin Cross Sections



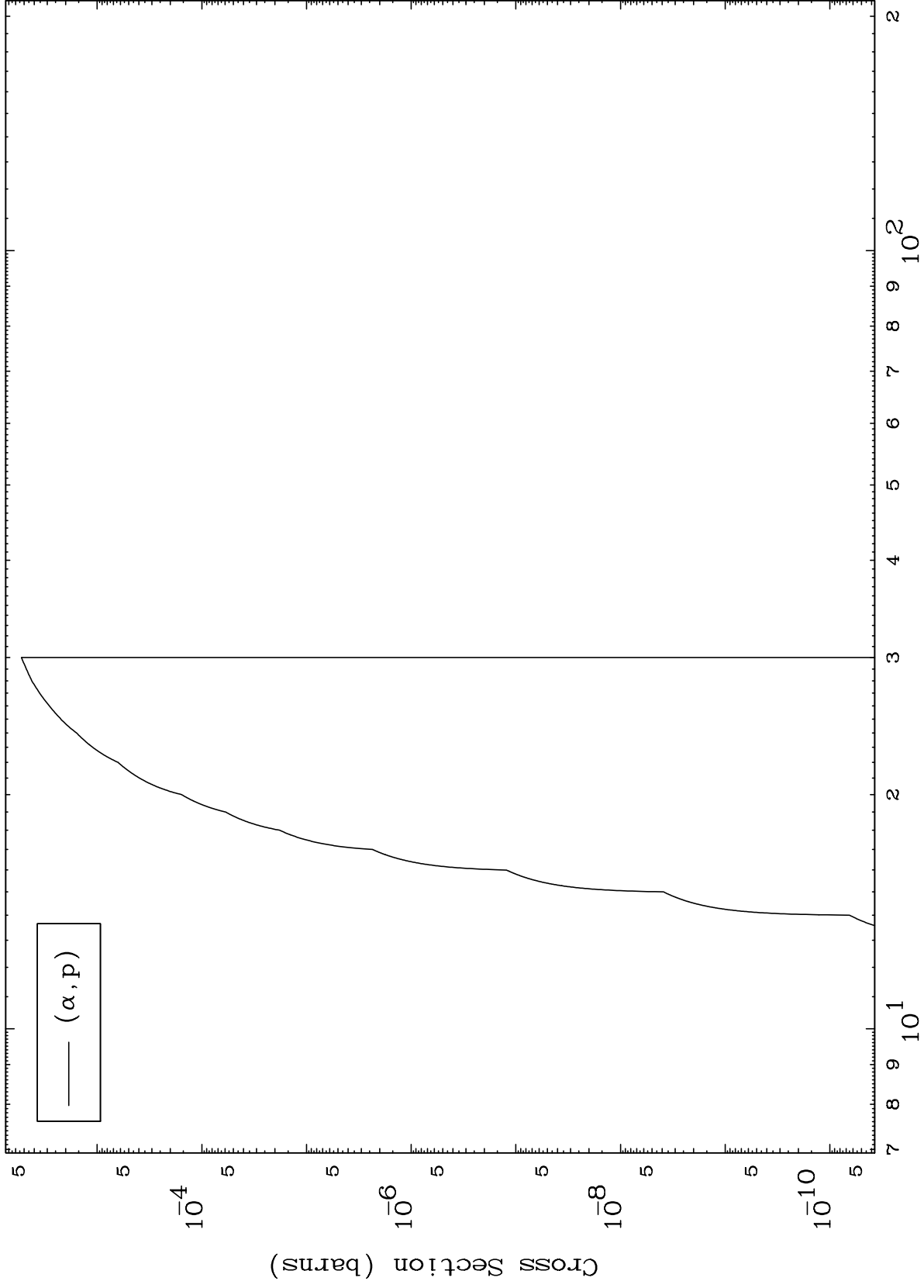
Incident Energy (MeV)

77-Ir-190

MAT 7723

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-190



6

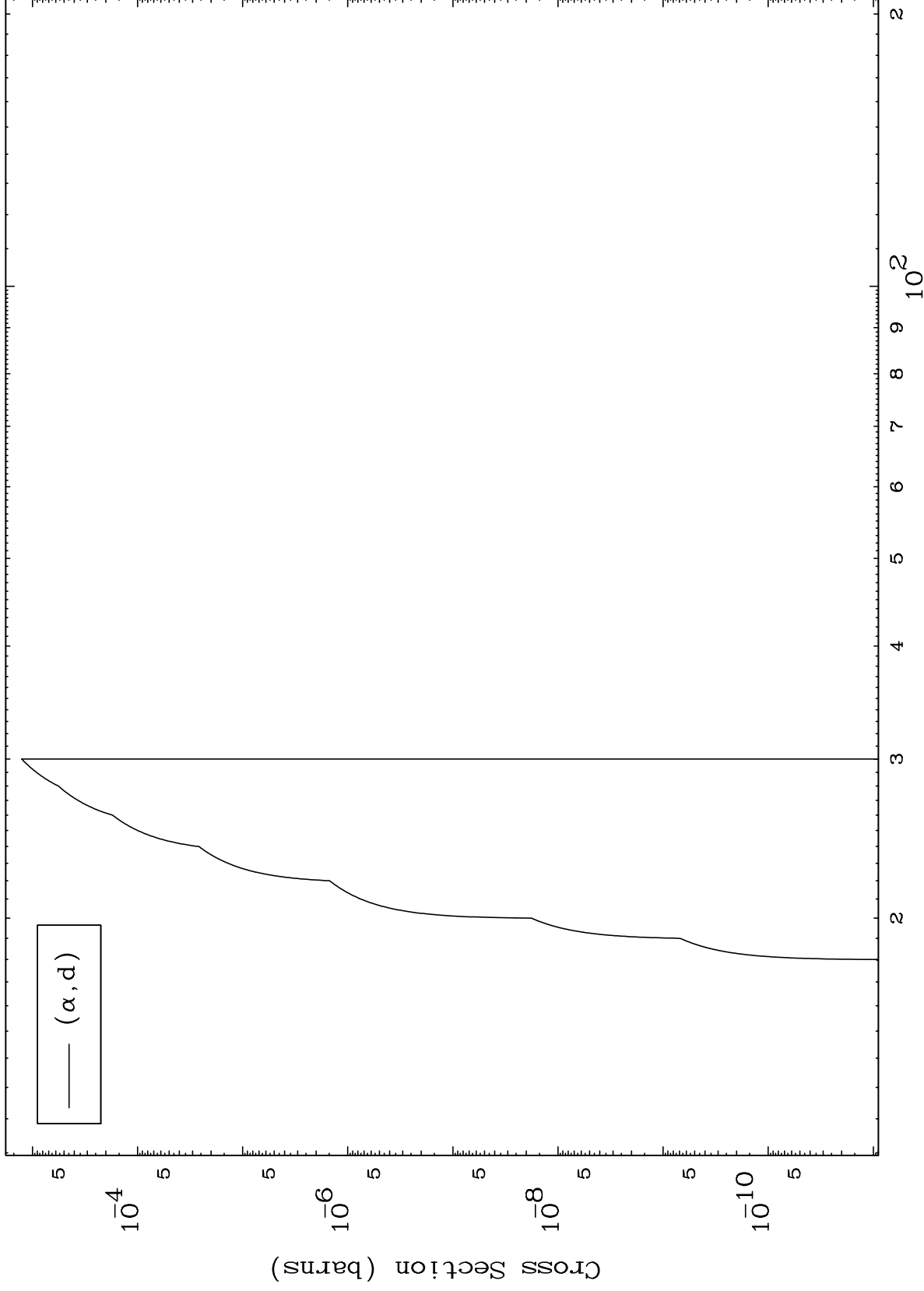
Incident Energy (MeV)

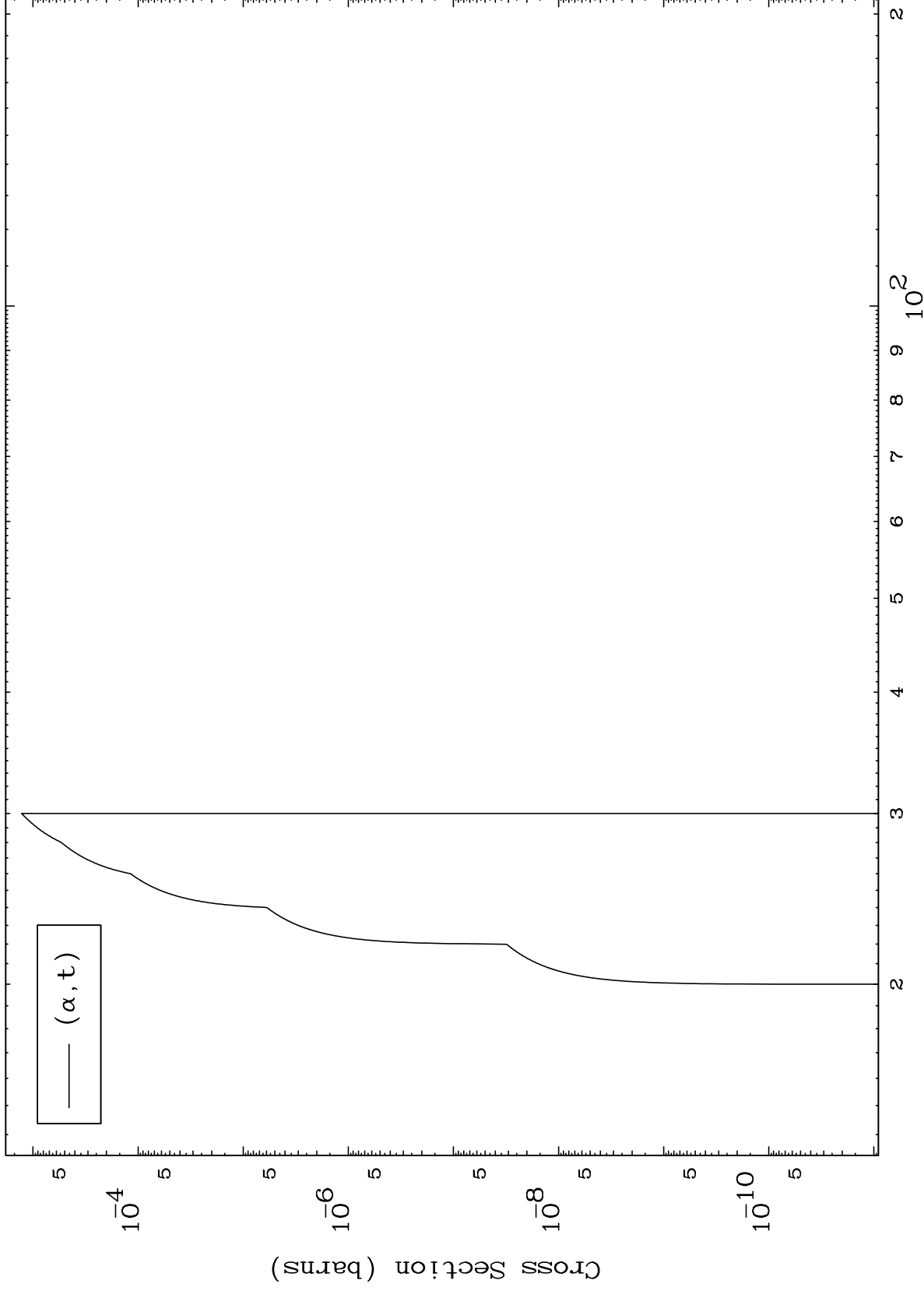
77-Ir-190

MAT 7723

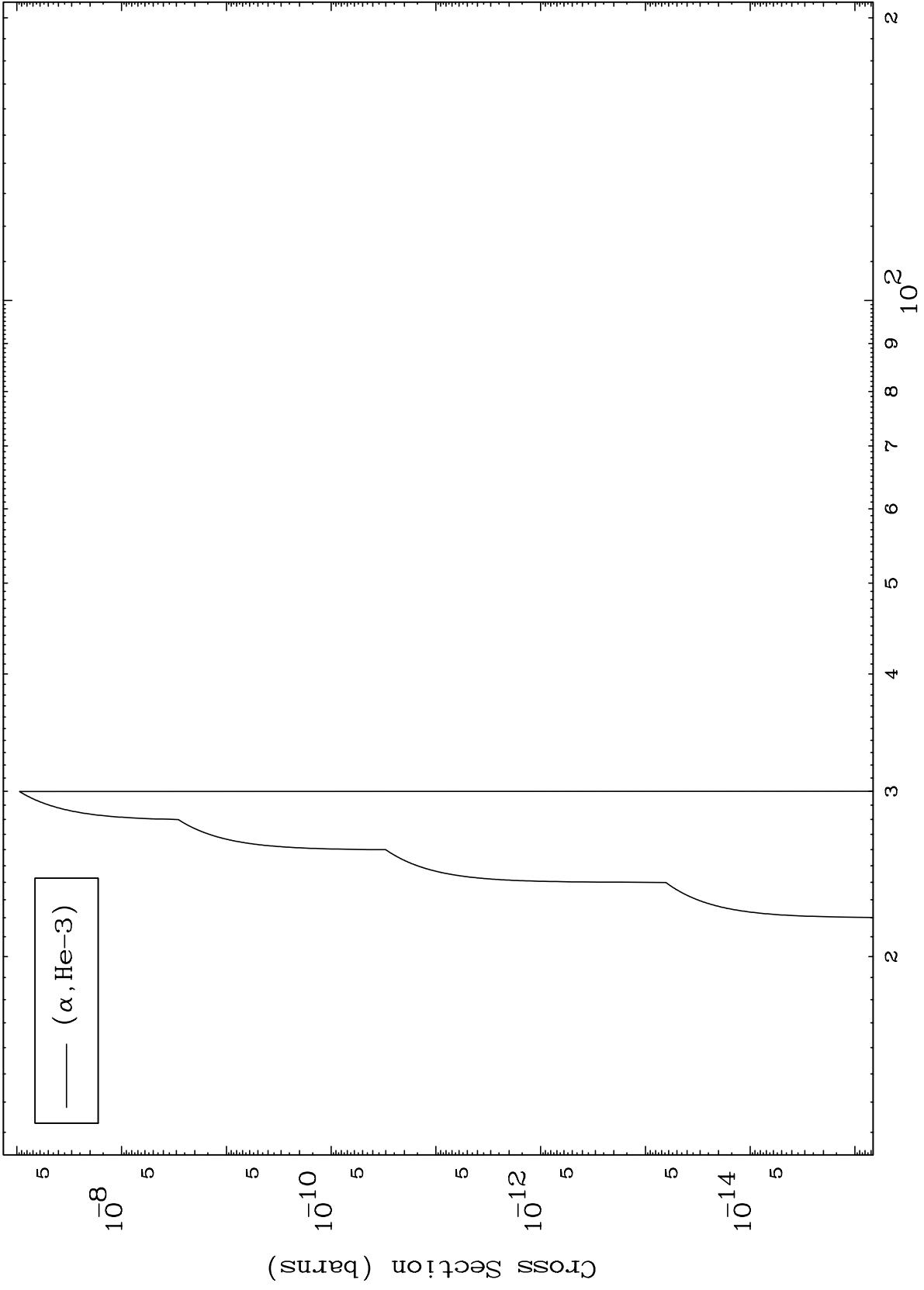
(α, d) Levels
0 Kelvin Cross Sections

77-Ir-190





($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

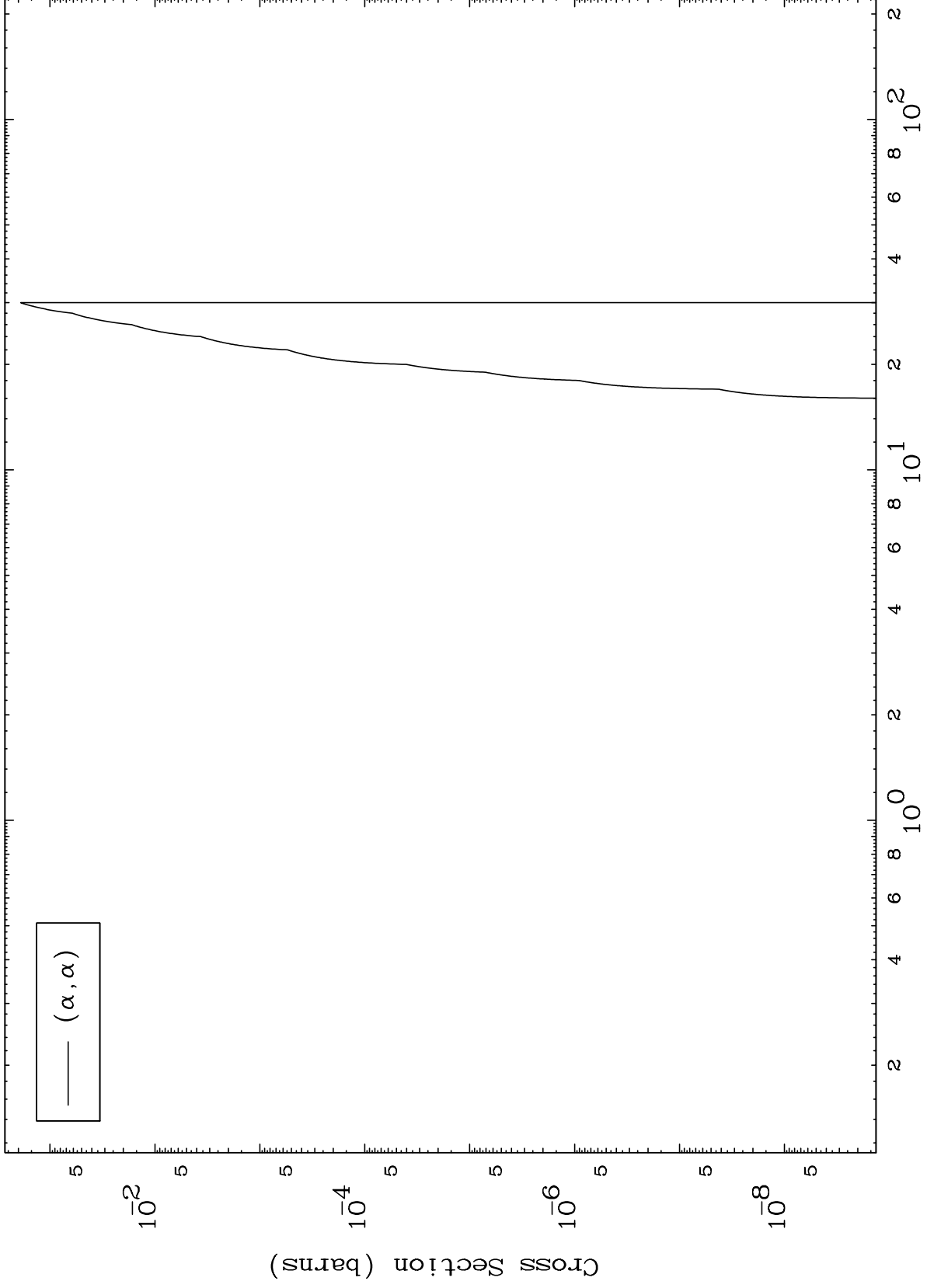


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(α, α) Levels

77-Ir-190

0 Kelvin Cross Sections



10

Incident Energy (MeV)

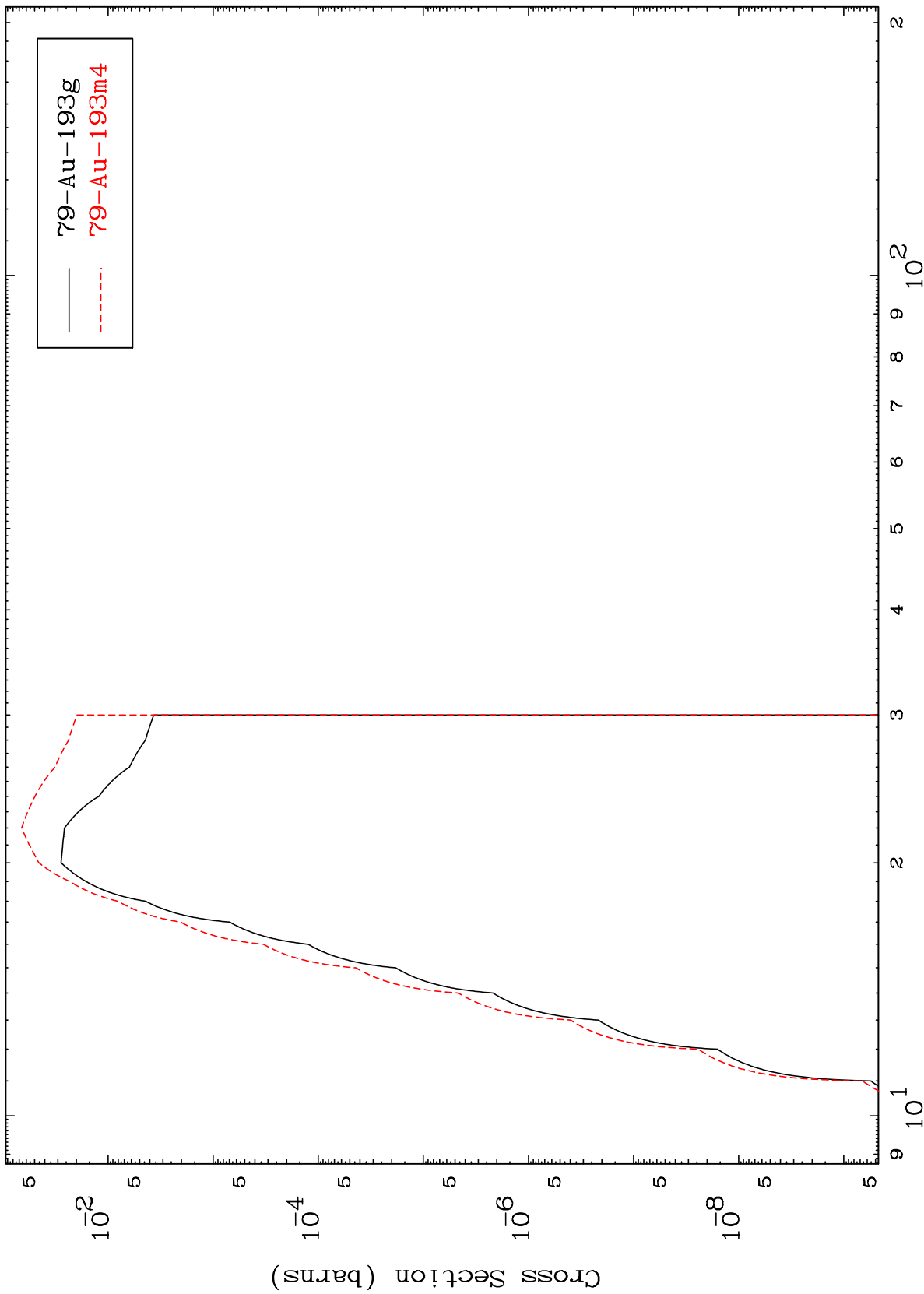
77-Ir-190

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77-Ir-190

Radionuclide Production Cross Section

α Inelastic



77-Ir-190

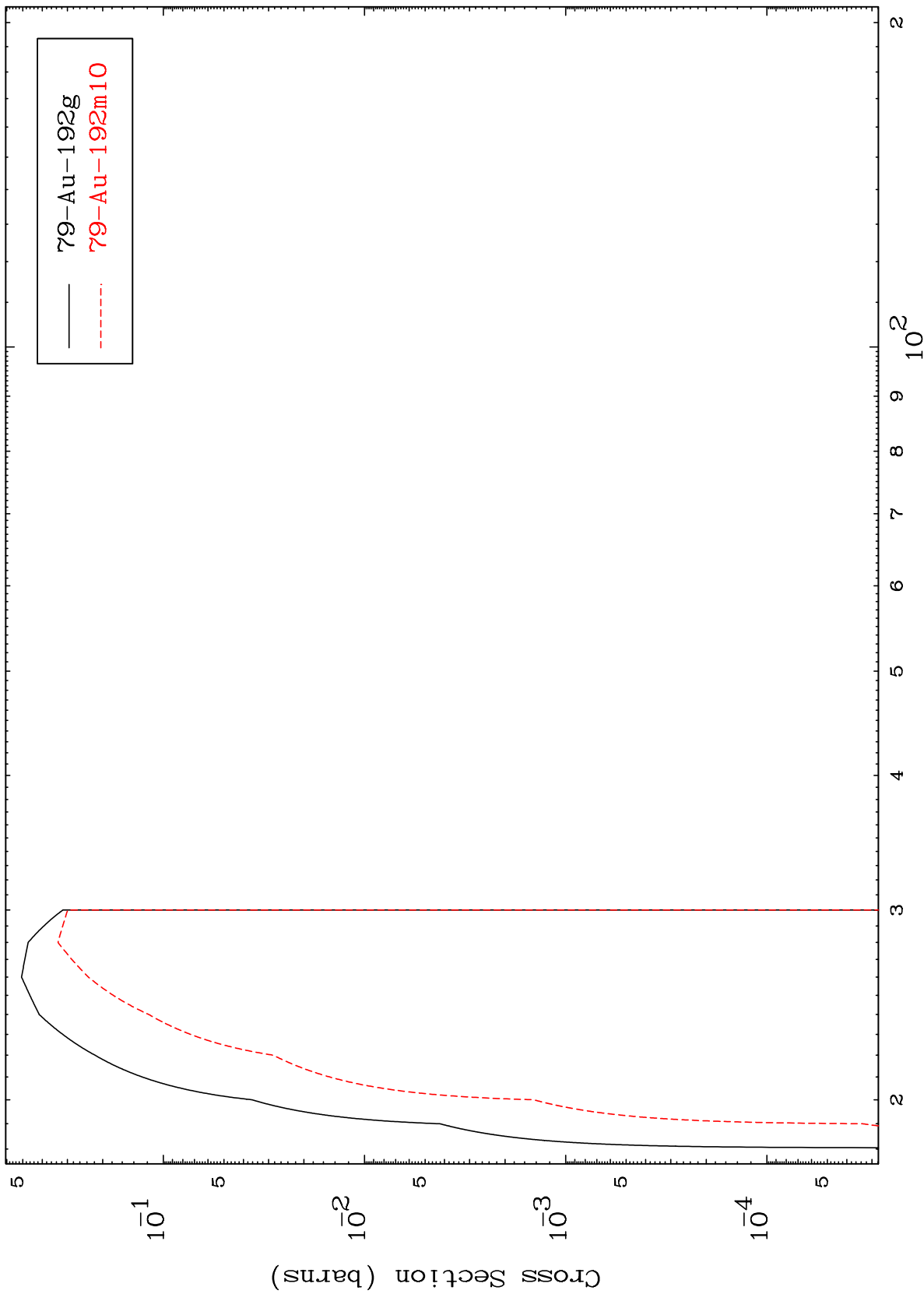
Incident Energy (MeV)

11

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77-Ir-190

($\alpha, 2n$)
Radionuclide Production Cross Section



12

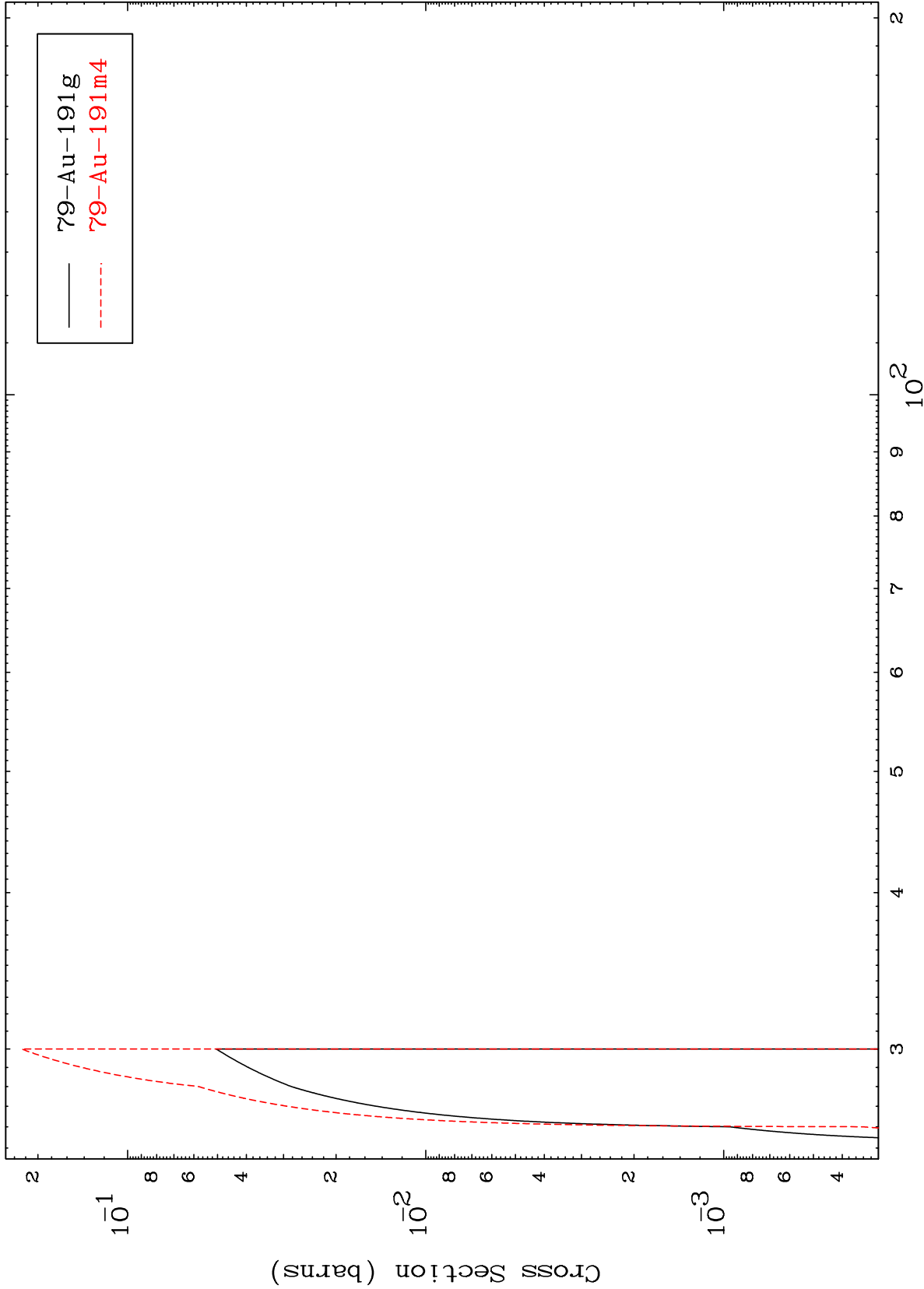
Incident Energy (MeV)

77-Ir-190

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77-Ir-190

($\alpha, 3n$)
Radionuclide Production Cross Section



13

77-Ir-190

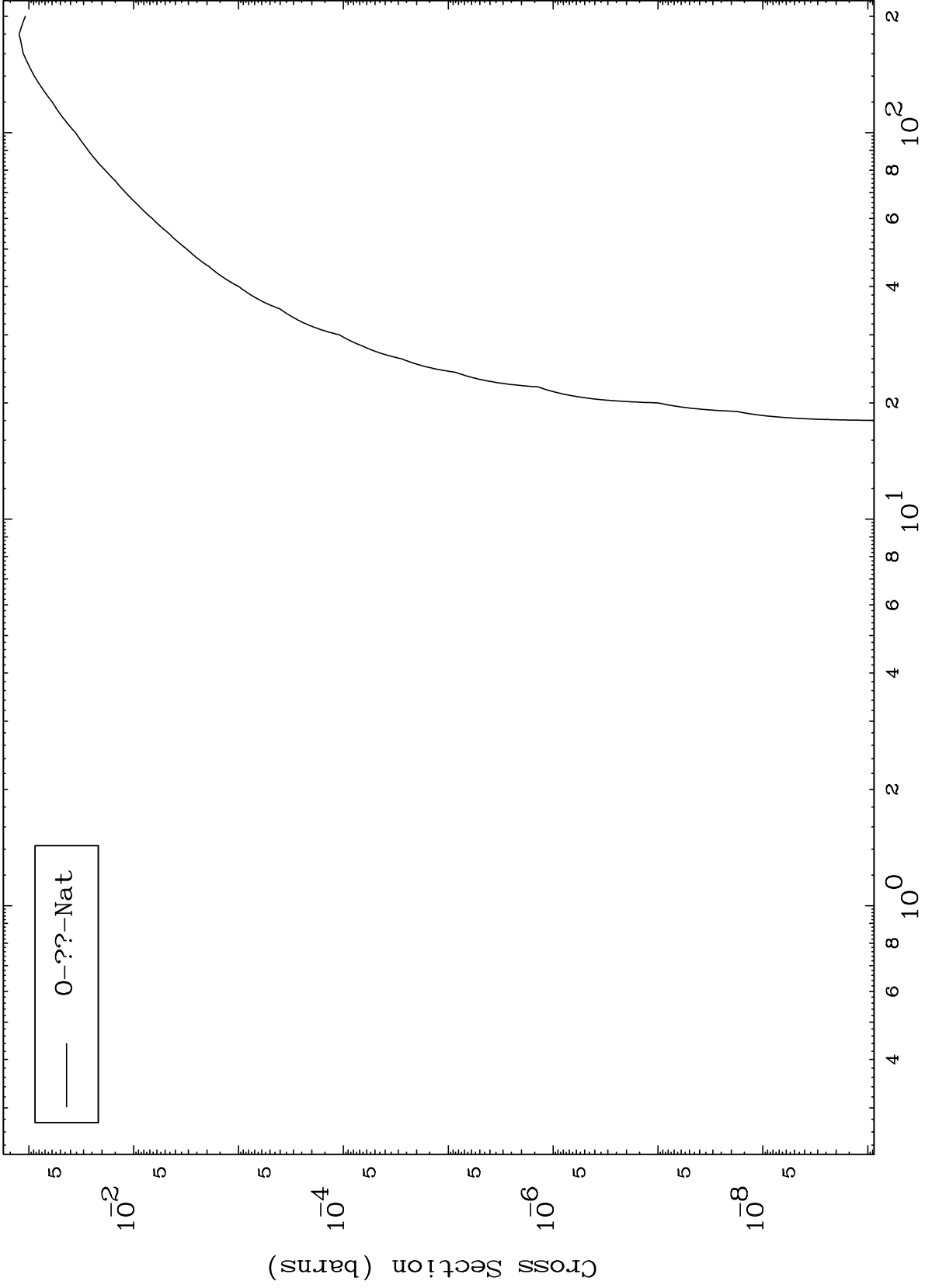
Incident Energy (MeV)

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α Fission

77-Ir-190

Radionuclide Production Cross Section



14

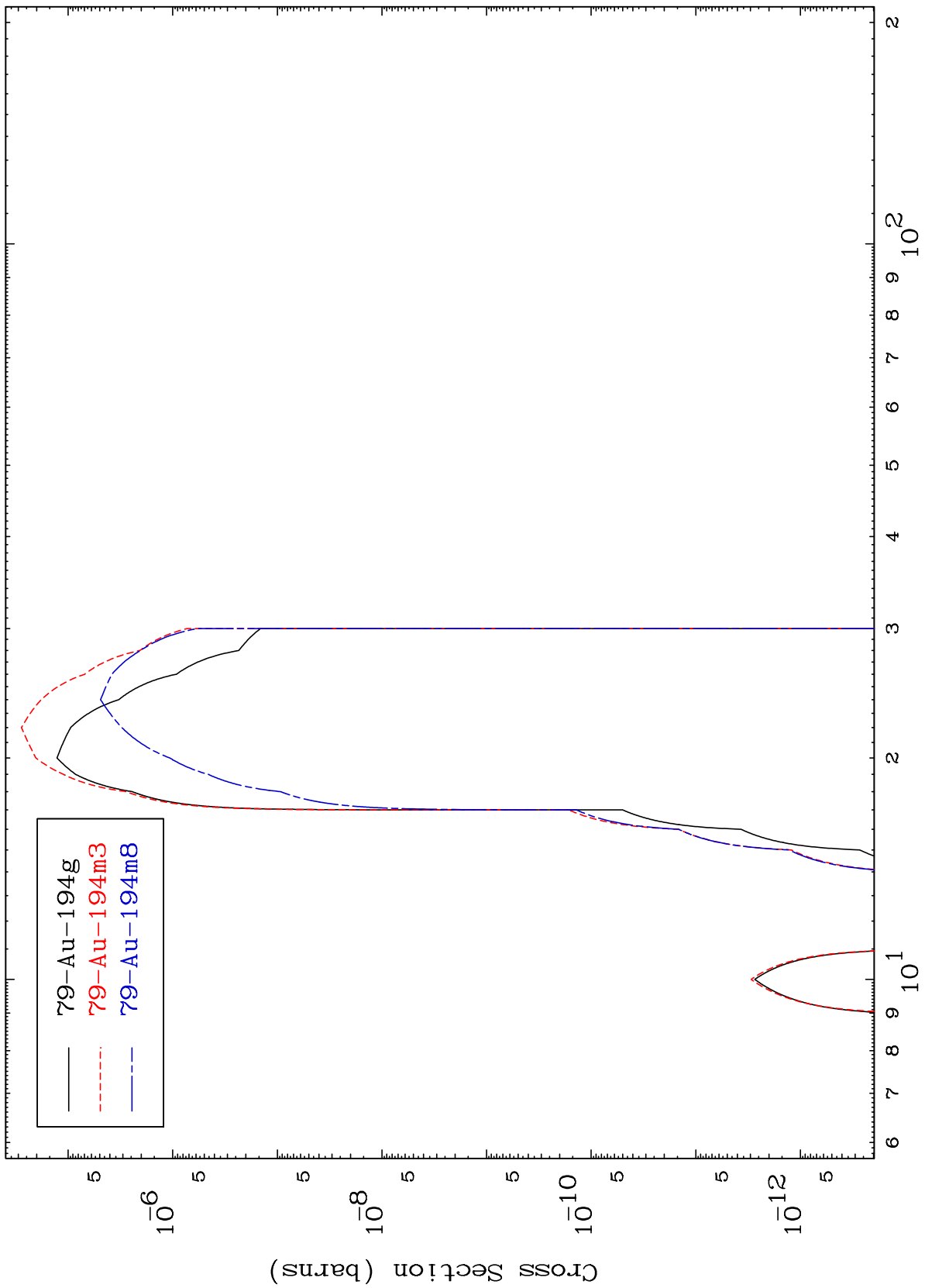
Incident Energy (MeV)

77-Ir-190

MAT 7723

77-Ir-190

(α, γ)
Radionuclide Production Cross Section



79-Au-194g
79-Au-194m3
79-Au-194m8

77-Ir-190

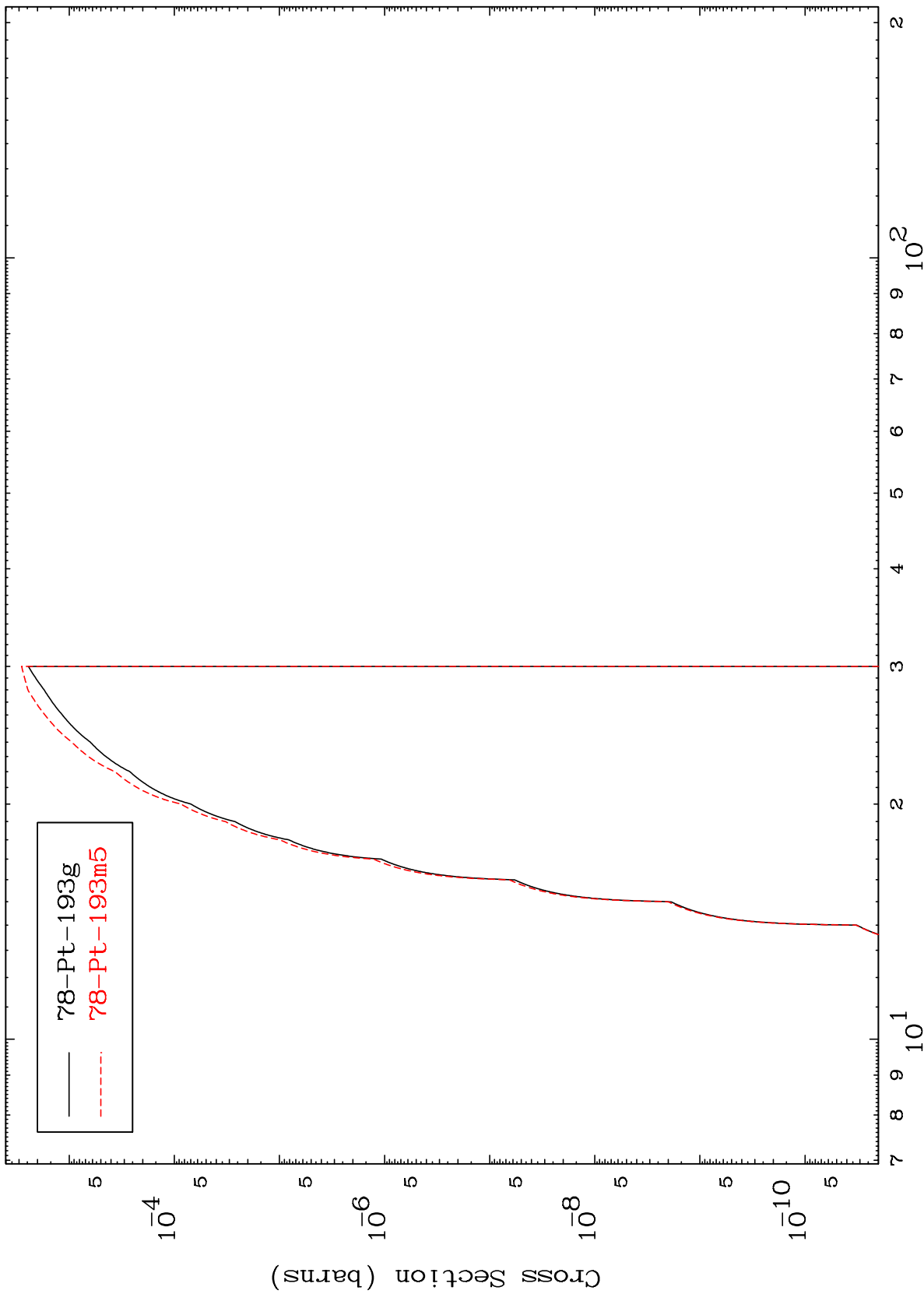
Incident Energy (MeV)

15

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⁷⁷Ir-190

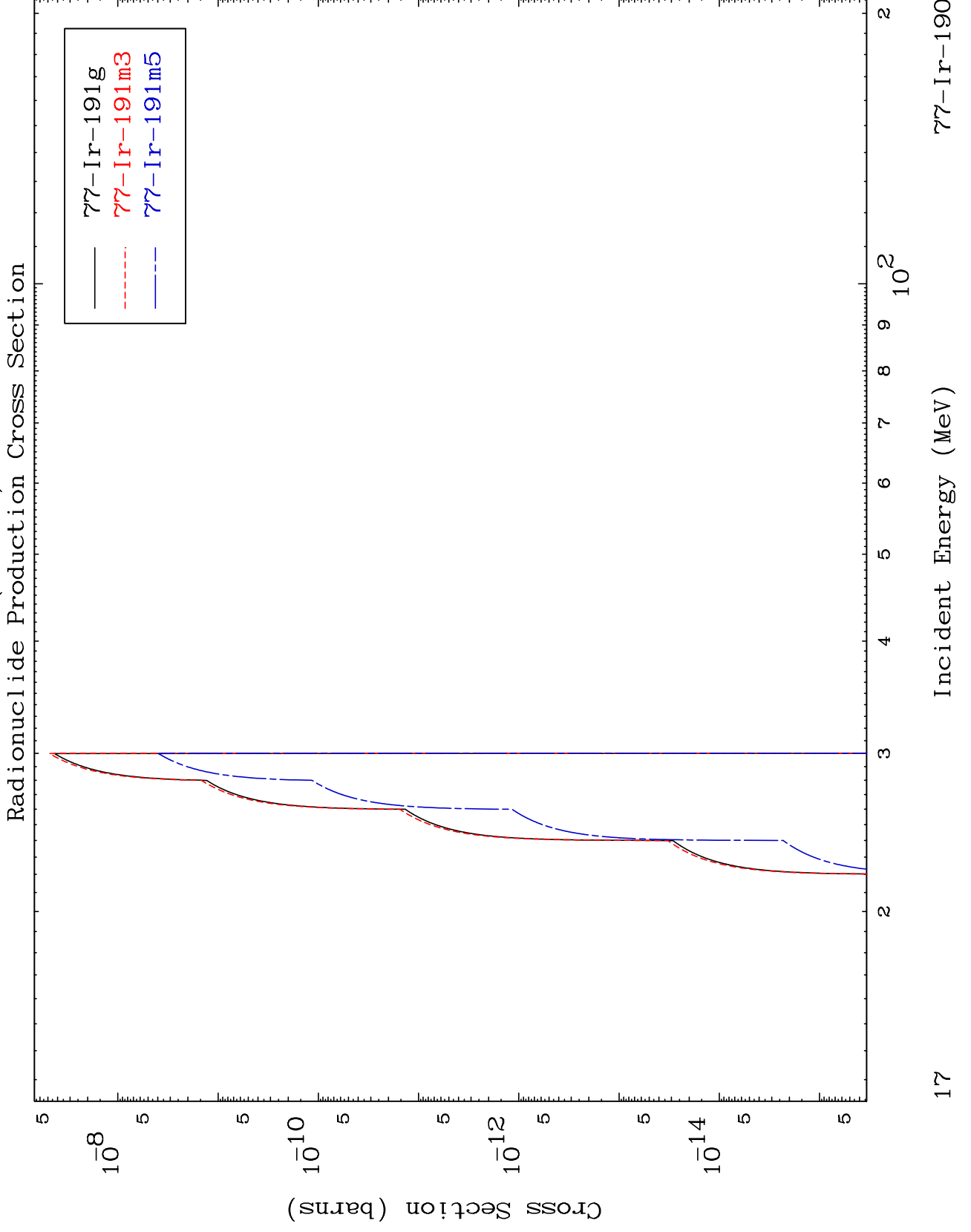
(α, p)
Radionuclide Production Cross Section



⁷⁷Ir-190

Incident Energy (MeV)

16

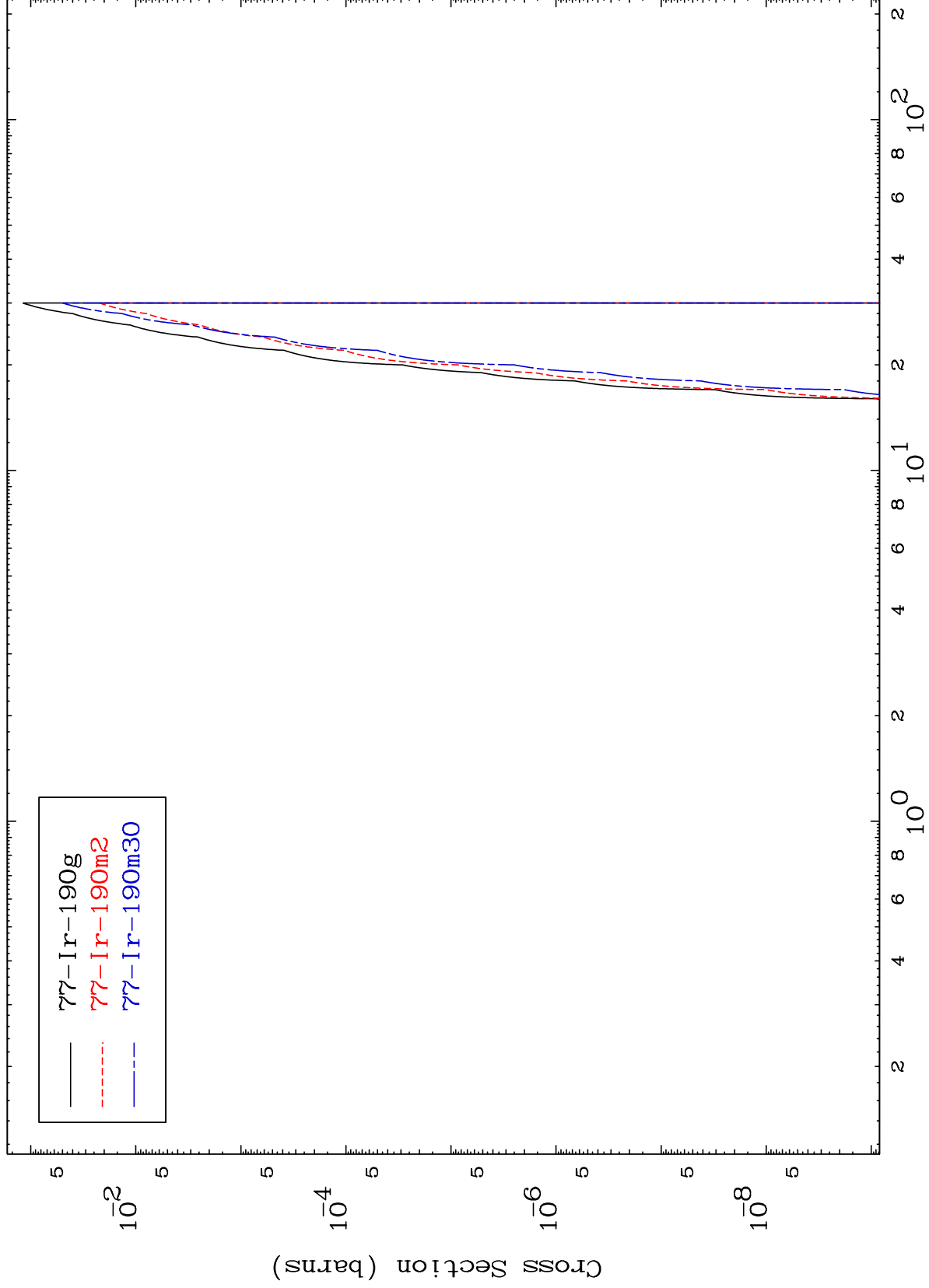


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(α, α)

⁷⁷Ir-190

Radionuclide Production Cross Section

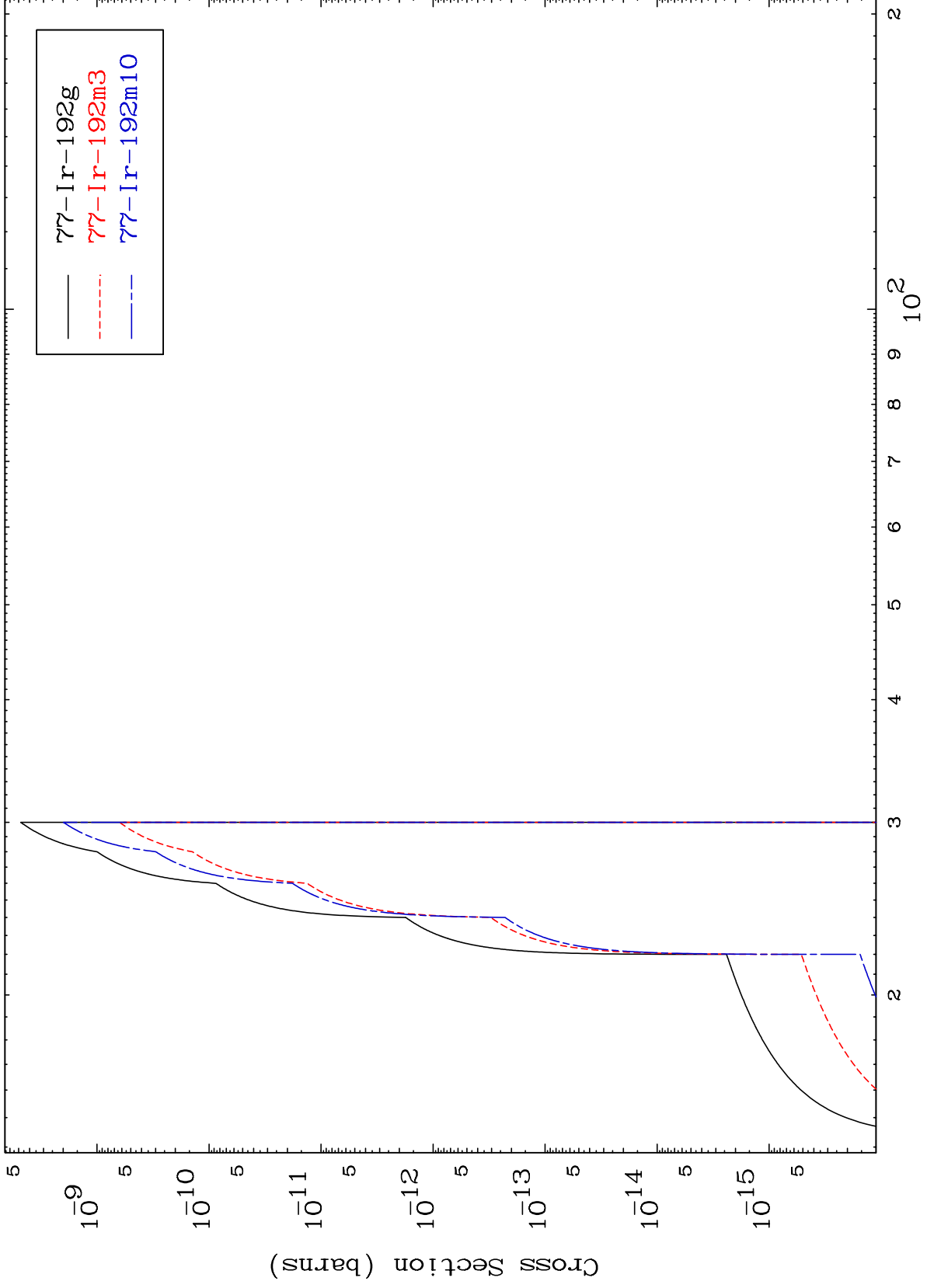


18

Incident Energy (MeV)

⁷⁷Ir-190

($\alpha, 2p$)
Radionuclide Production Cross Section

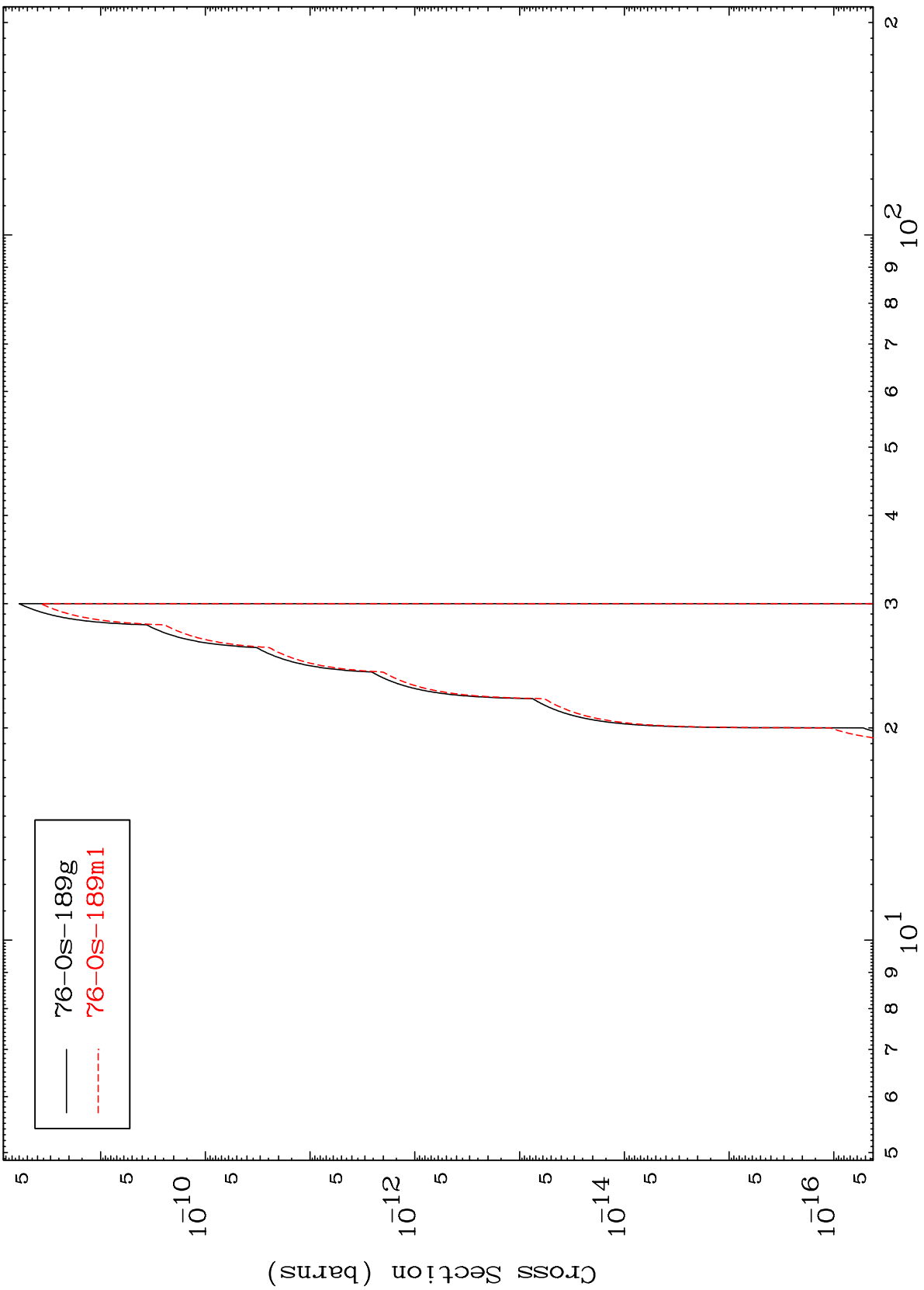


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$(\alpha, p) \alpha$

$^{77}\text{Ir-190}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

$^{77}\text{Ir-190}$