

Program EVALPLOT
(Version 2018-1)

by

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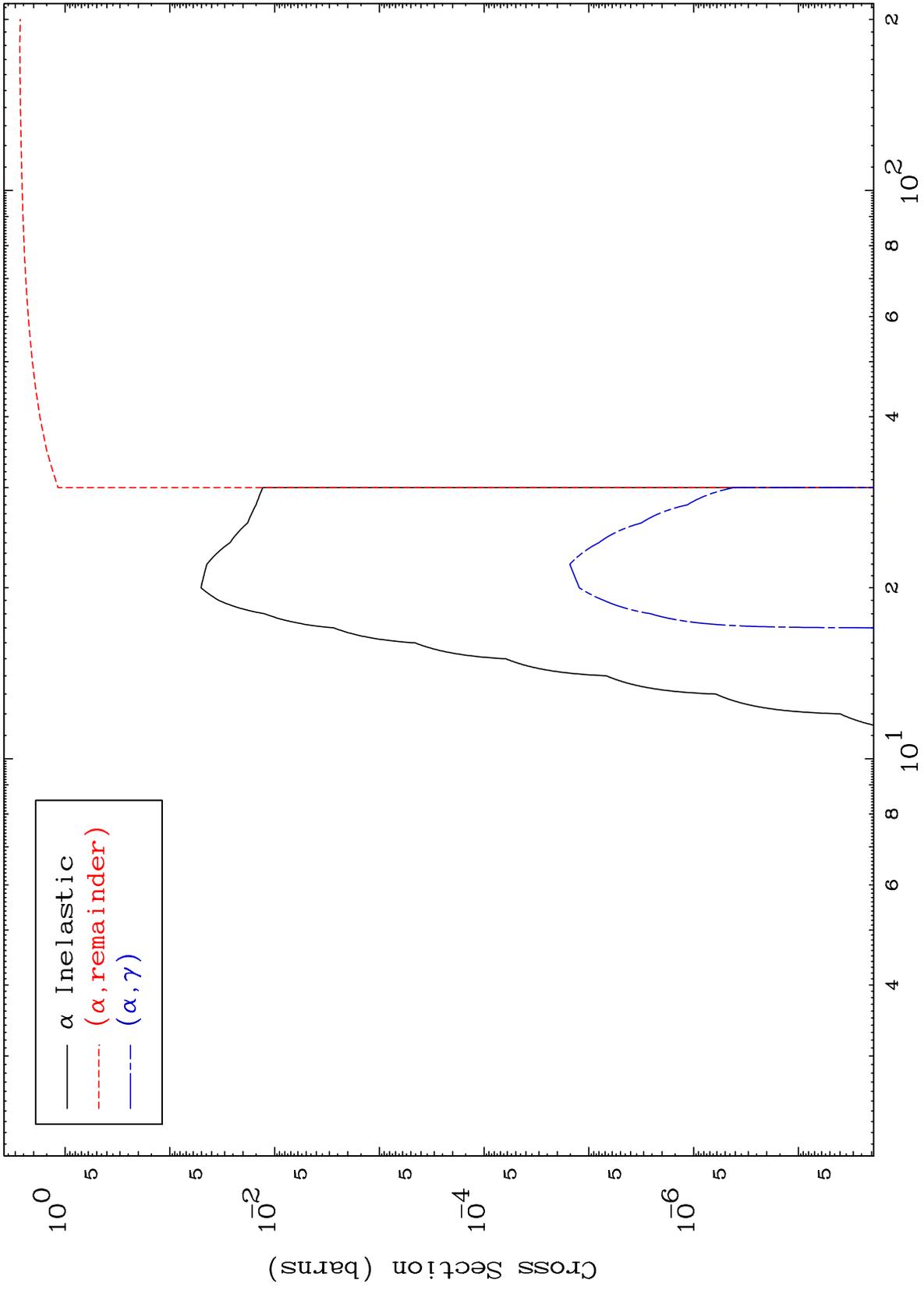
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7723

0 Kelvin α Major

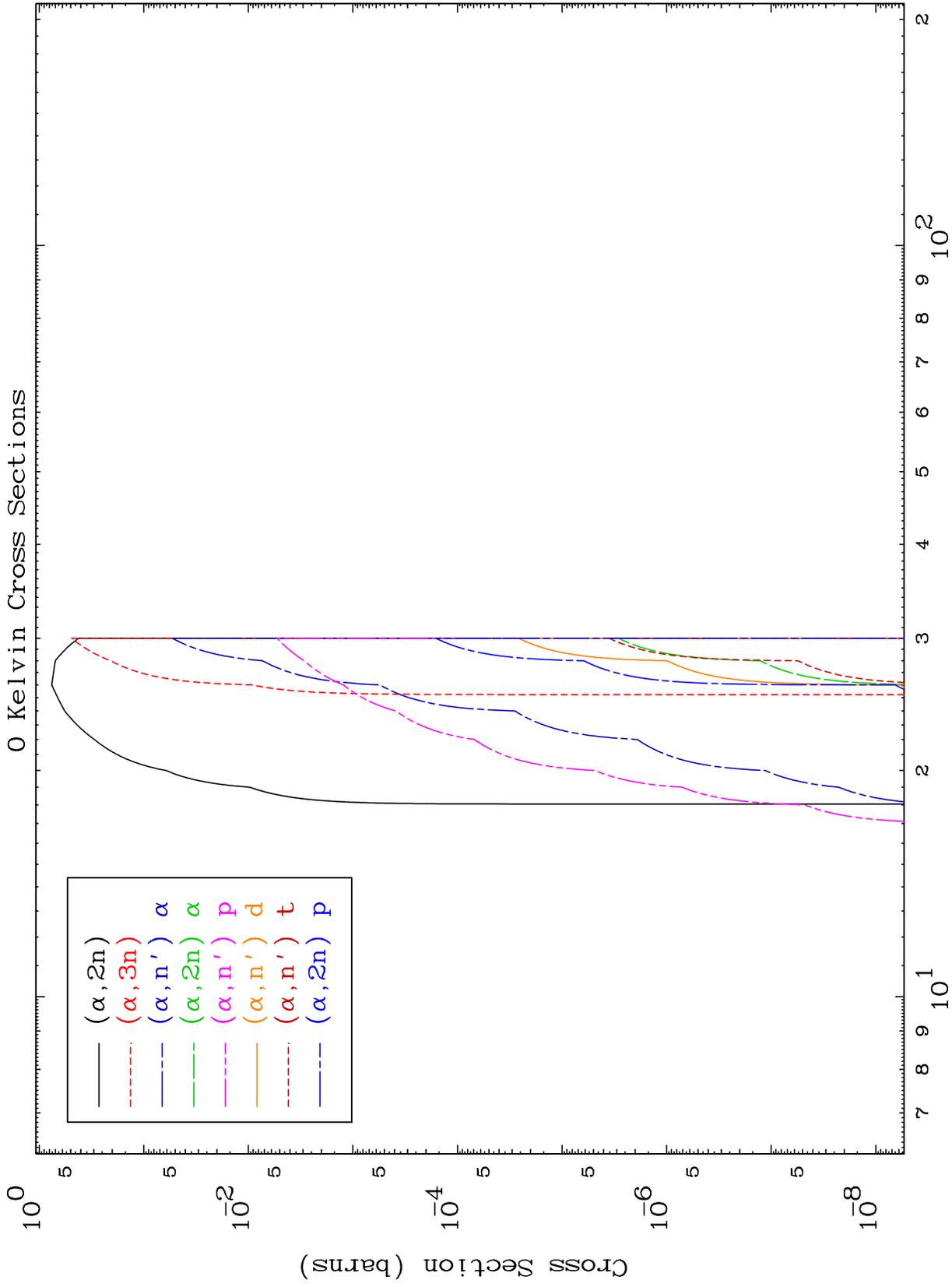
77-Ir-190



MAT 7723

α Neutron Production
0 Kelvin Cross Sections

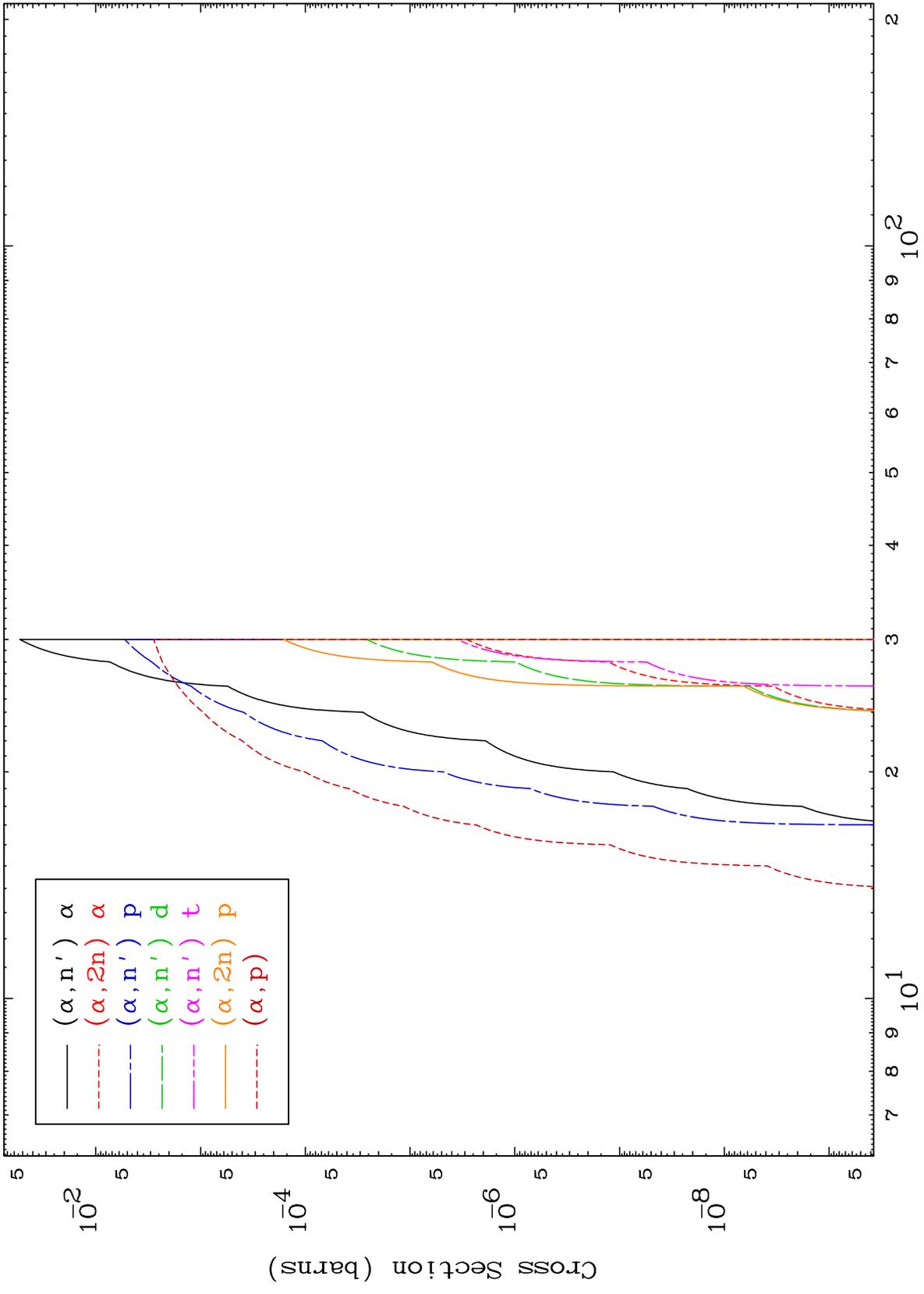
77-Ir-190



2

Incident Energy (MeV)

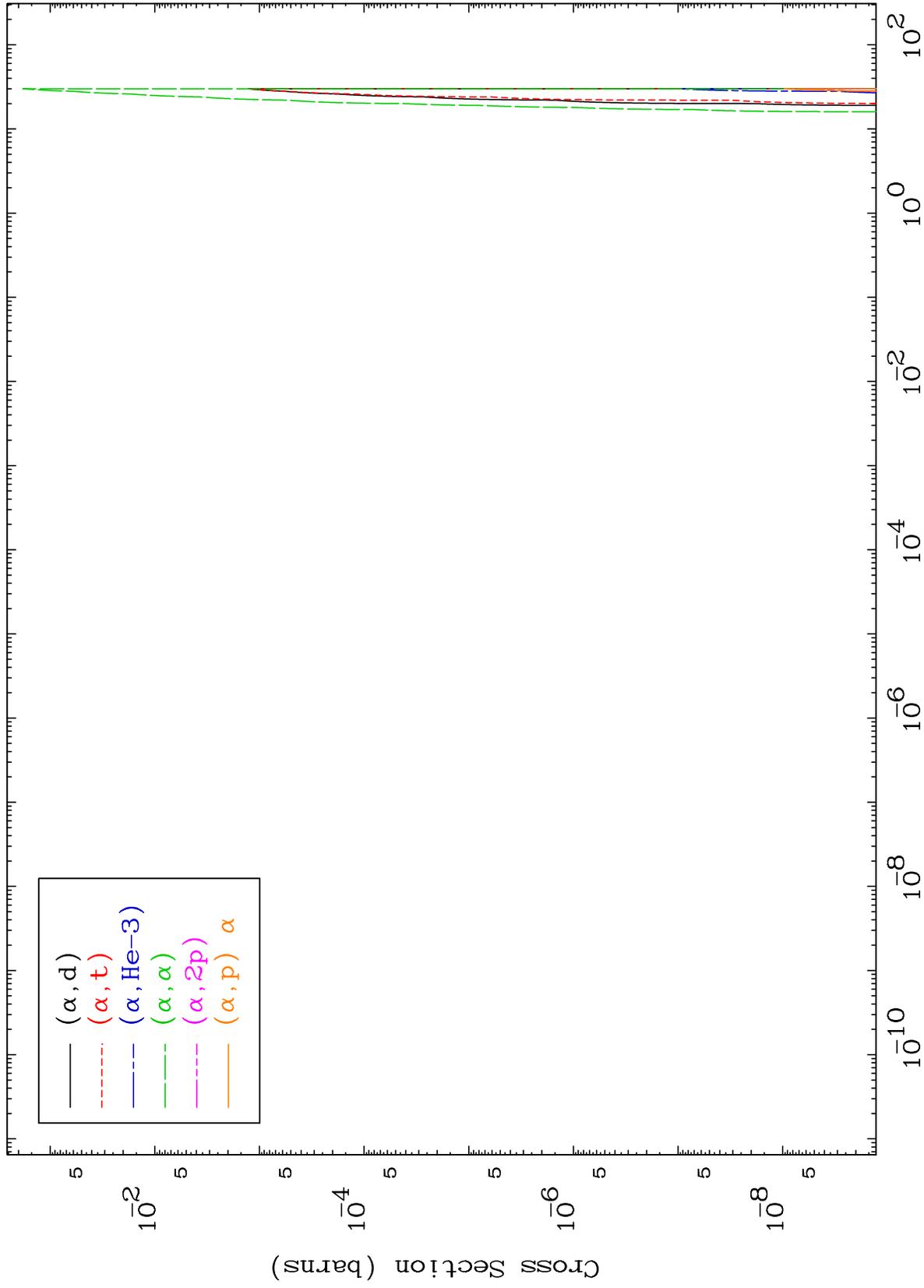
77-Ir-190



MAT 7723

α Charged Particle
0 Kelvin Cross Sections

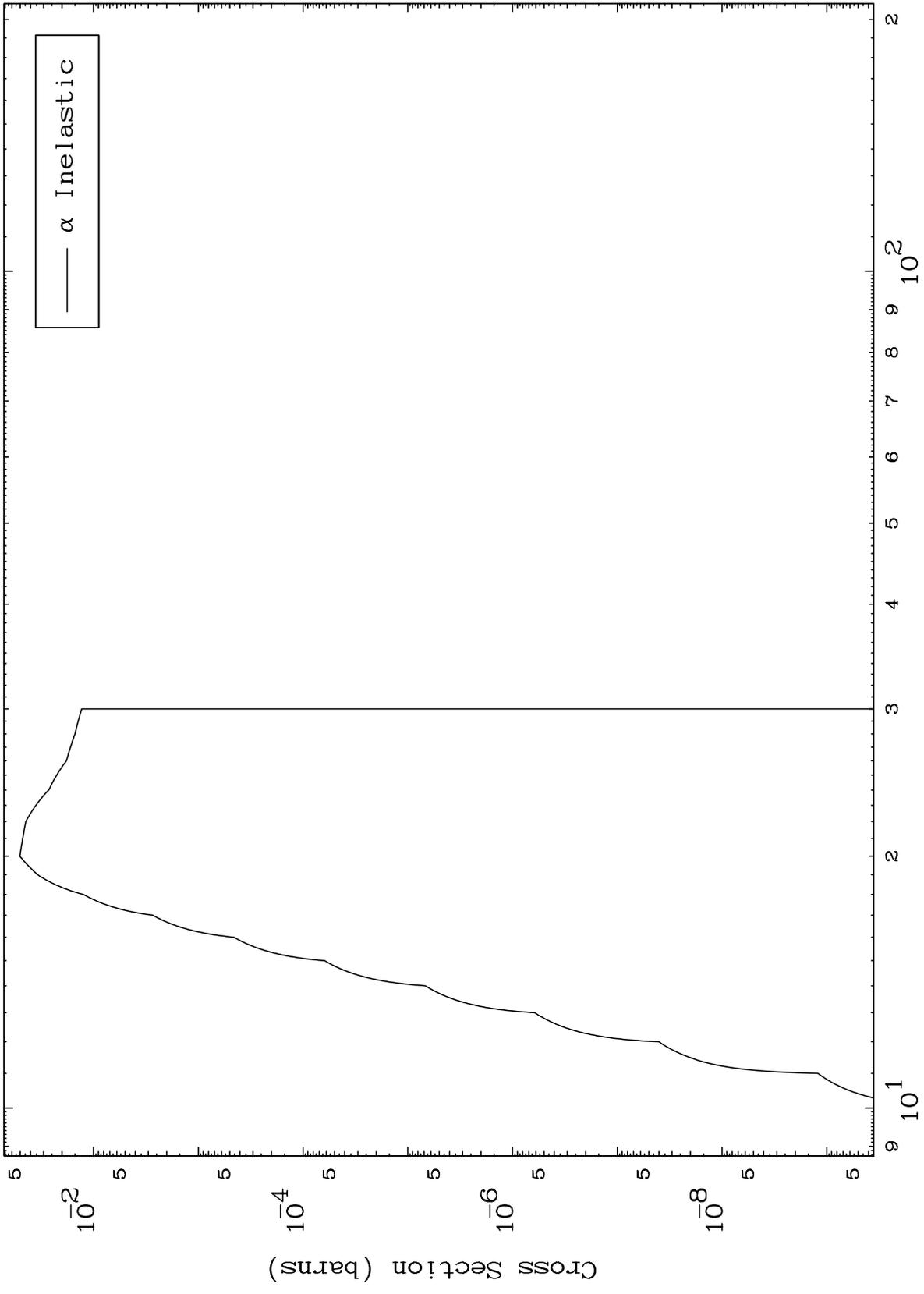
77-Ir-190



MAT 7723

(α, n') Level
0 Kelvin Cross Sections

77-Ir-190



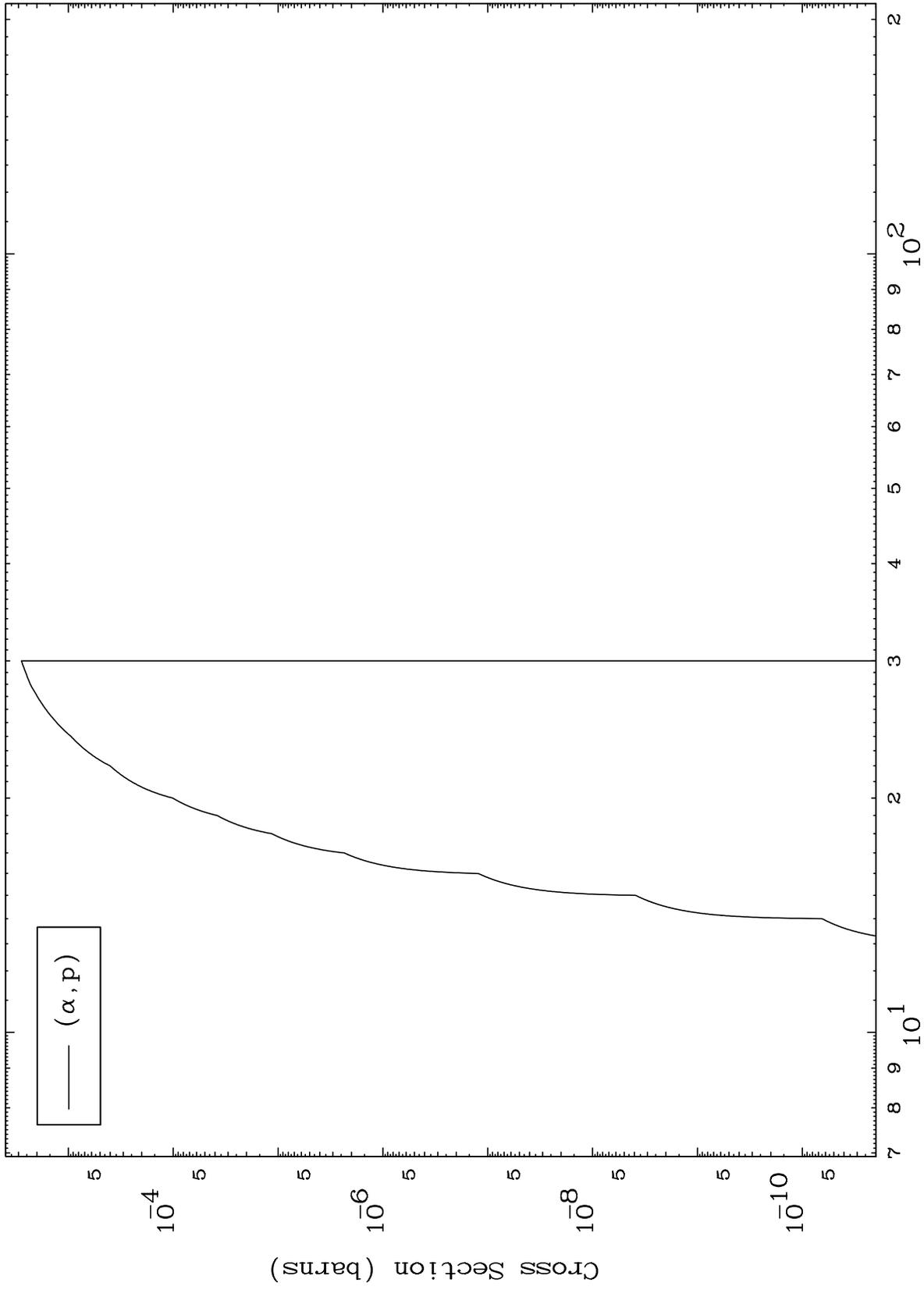
Incident Energy (MeV)

77-Ir-190

MAT 7723

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-190



6

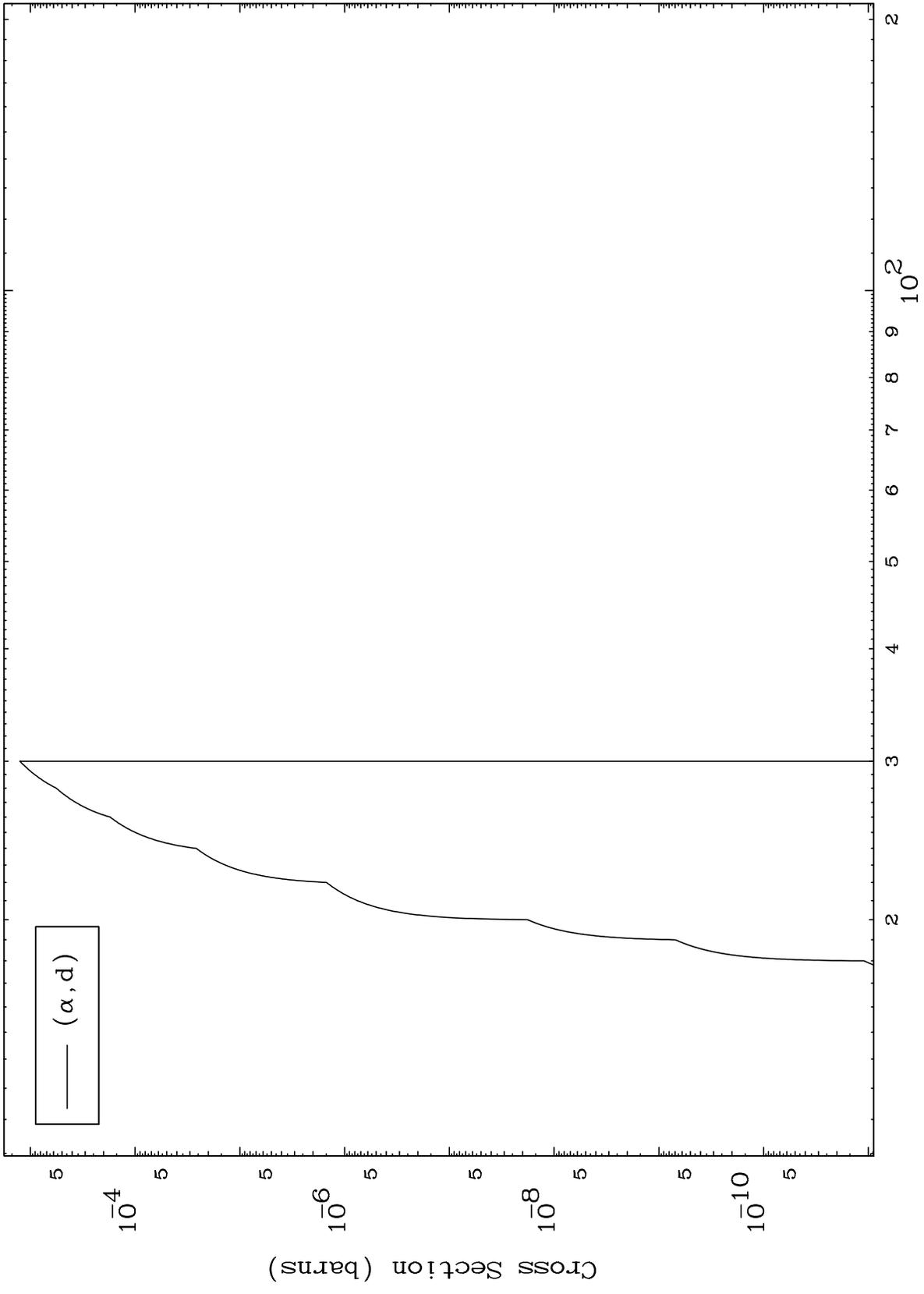
Incident Energy (MeV)

77-Ir-190

MAT 7723

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-190



7

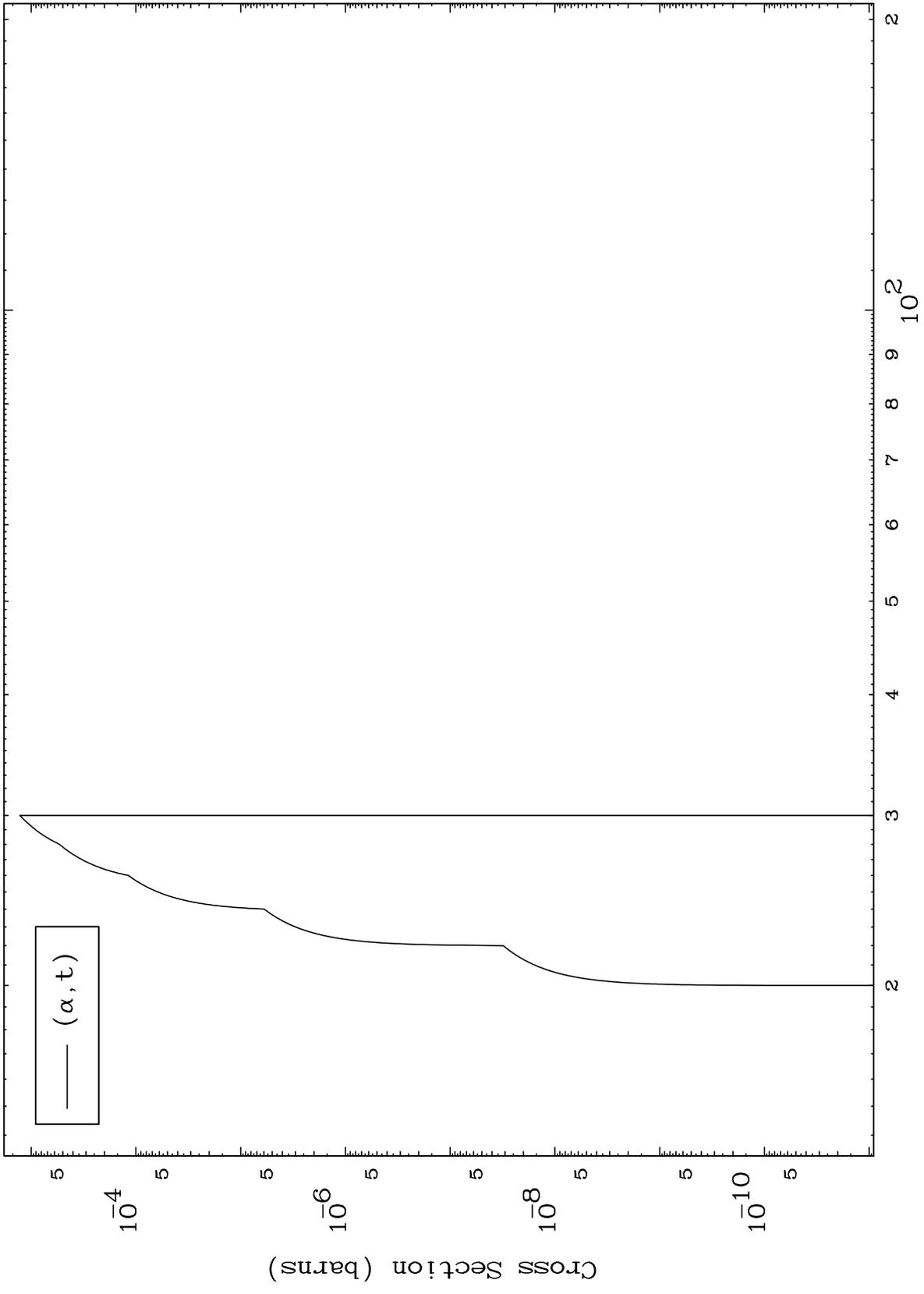
Incident Energy (MeV)

77-Ir-190

MAT 7723

(α, t) Levels
0 Kelvin Cross Sections

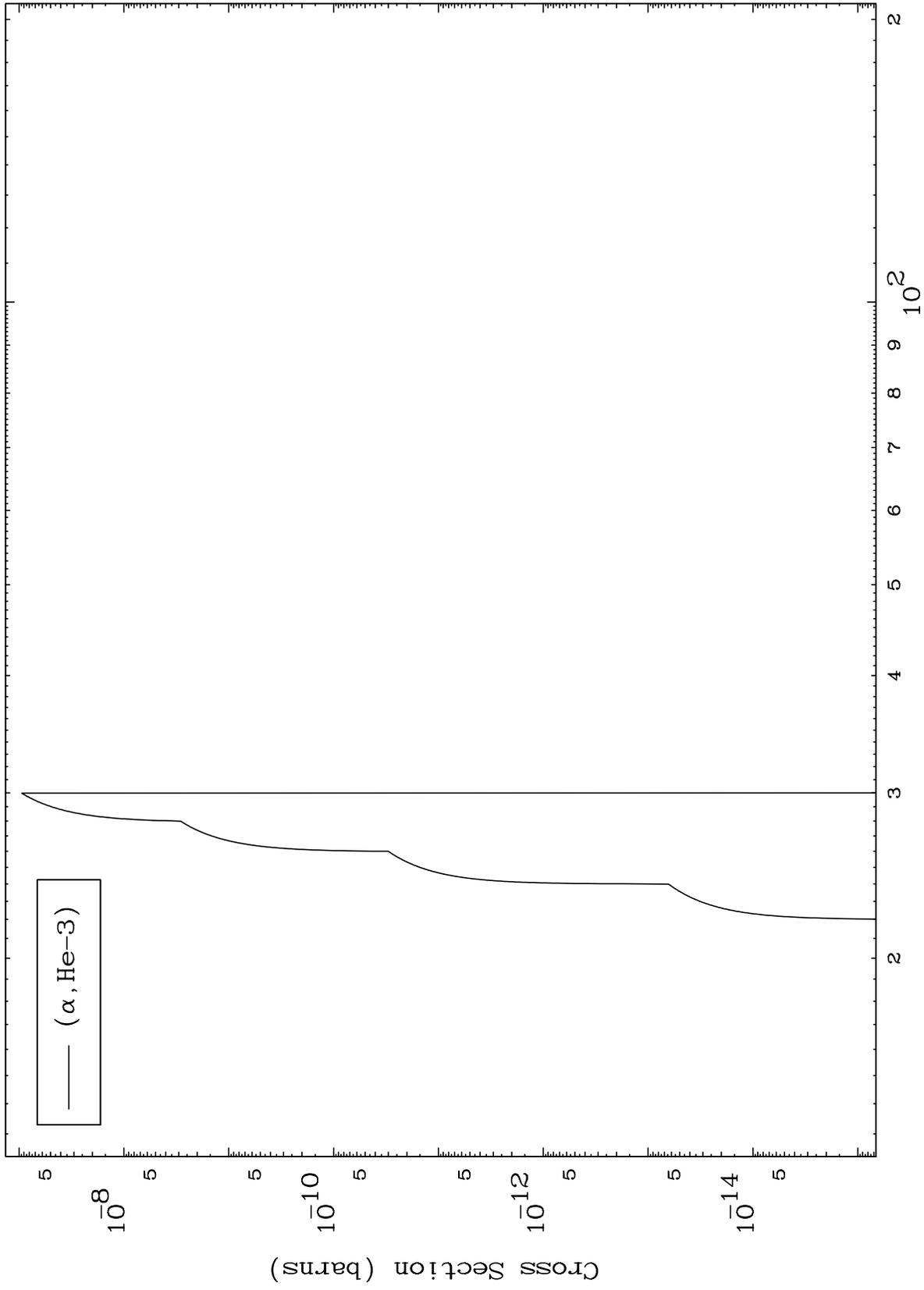
77-Ir-190



8

Incident Energy (MeV)

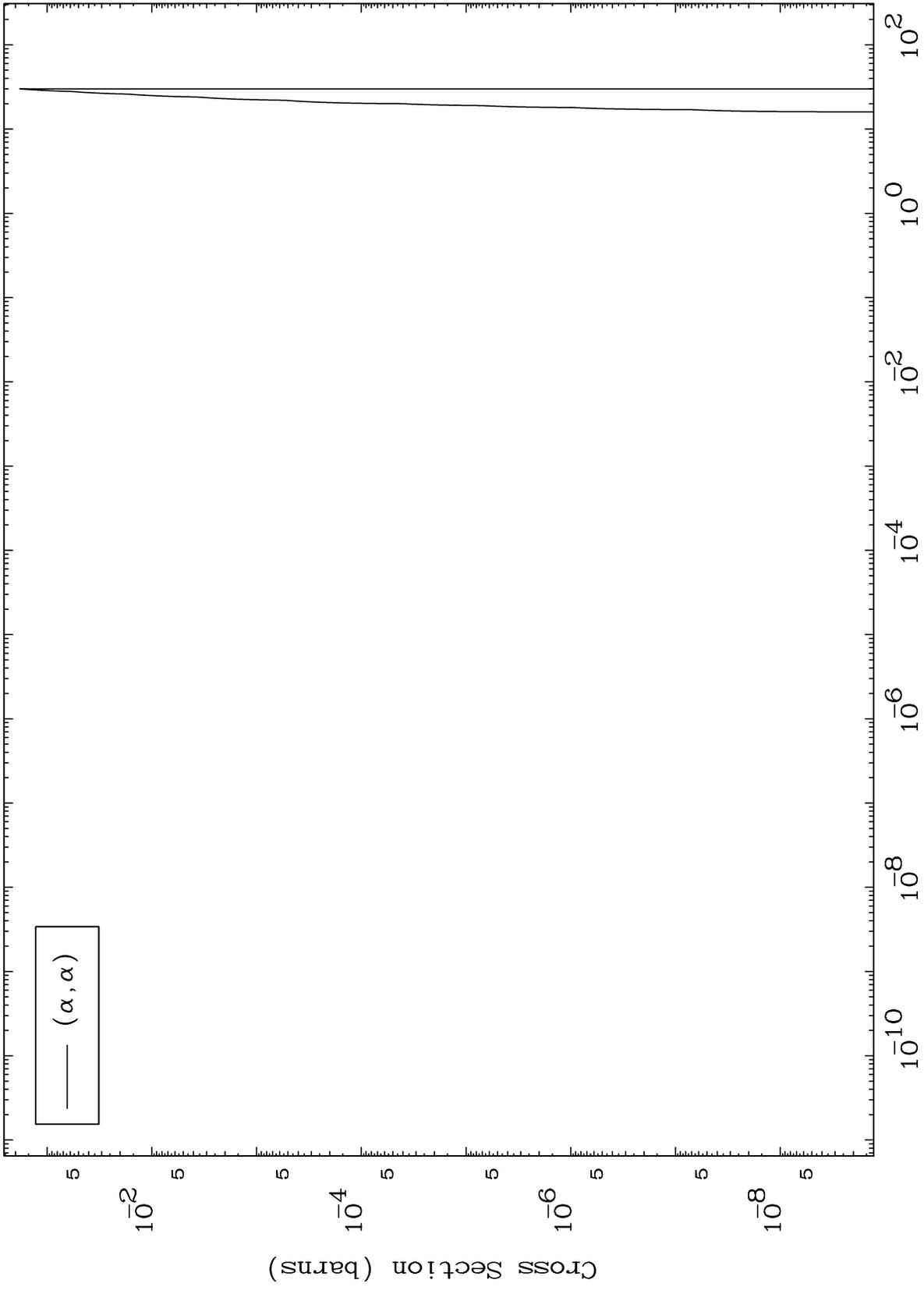
77-Ir-190



MAT 7723

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-190



10

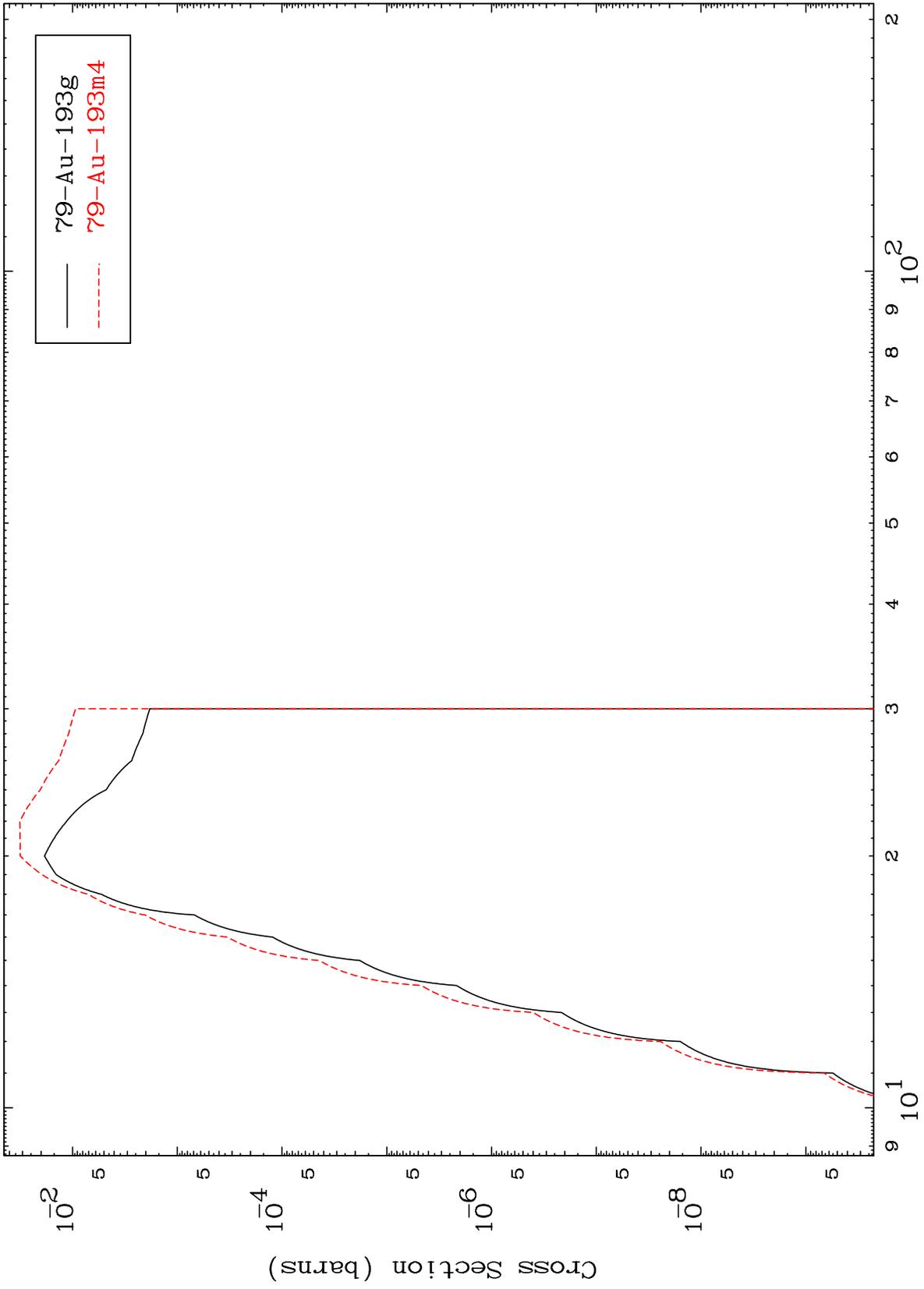
Incident Energy (MeV)

77-Ir-190

MAT 7723

α Inelastic
Radionuclide Production Cross Section

77-Ir-190



11

Incident Energy (MeV)

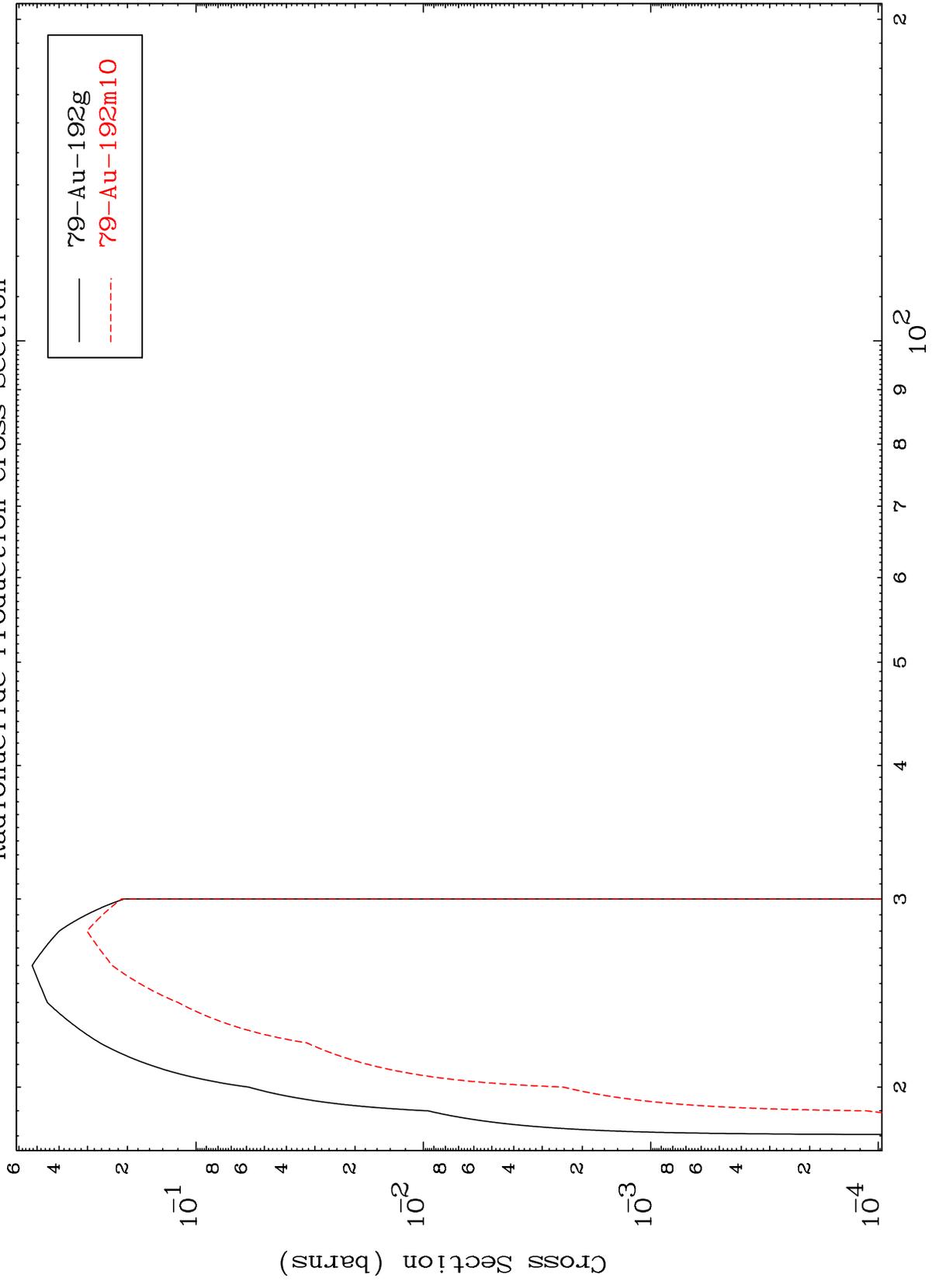
77-Ir-190

MAT 7723

($\alpha, 2n$)

77-Ir-190

Radionuclide Production Cross Section



12

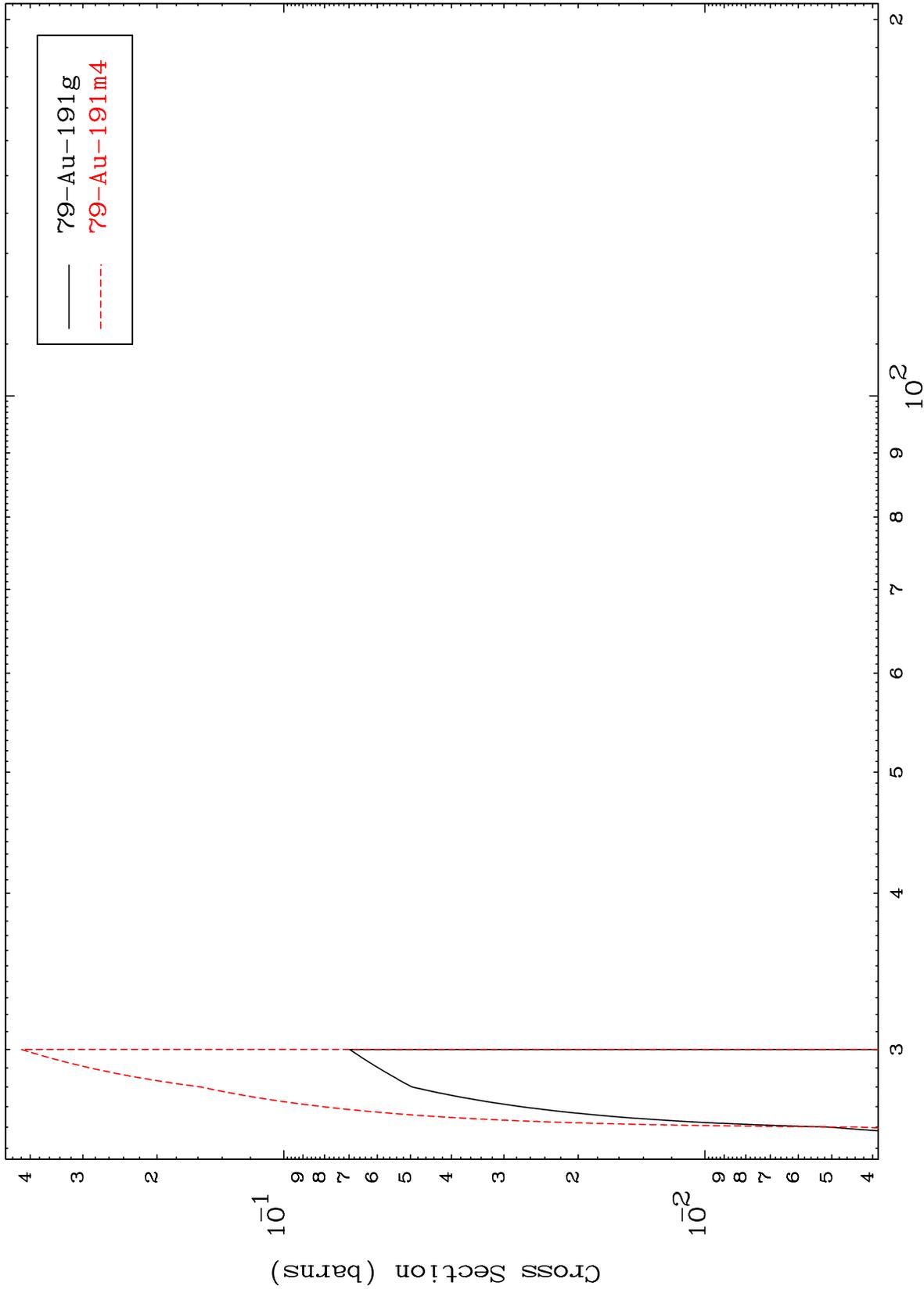
Incident Energy (MeV)

77-Ir-190

MAT 7723

77-Ir-190

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



13

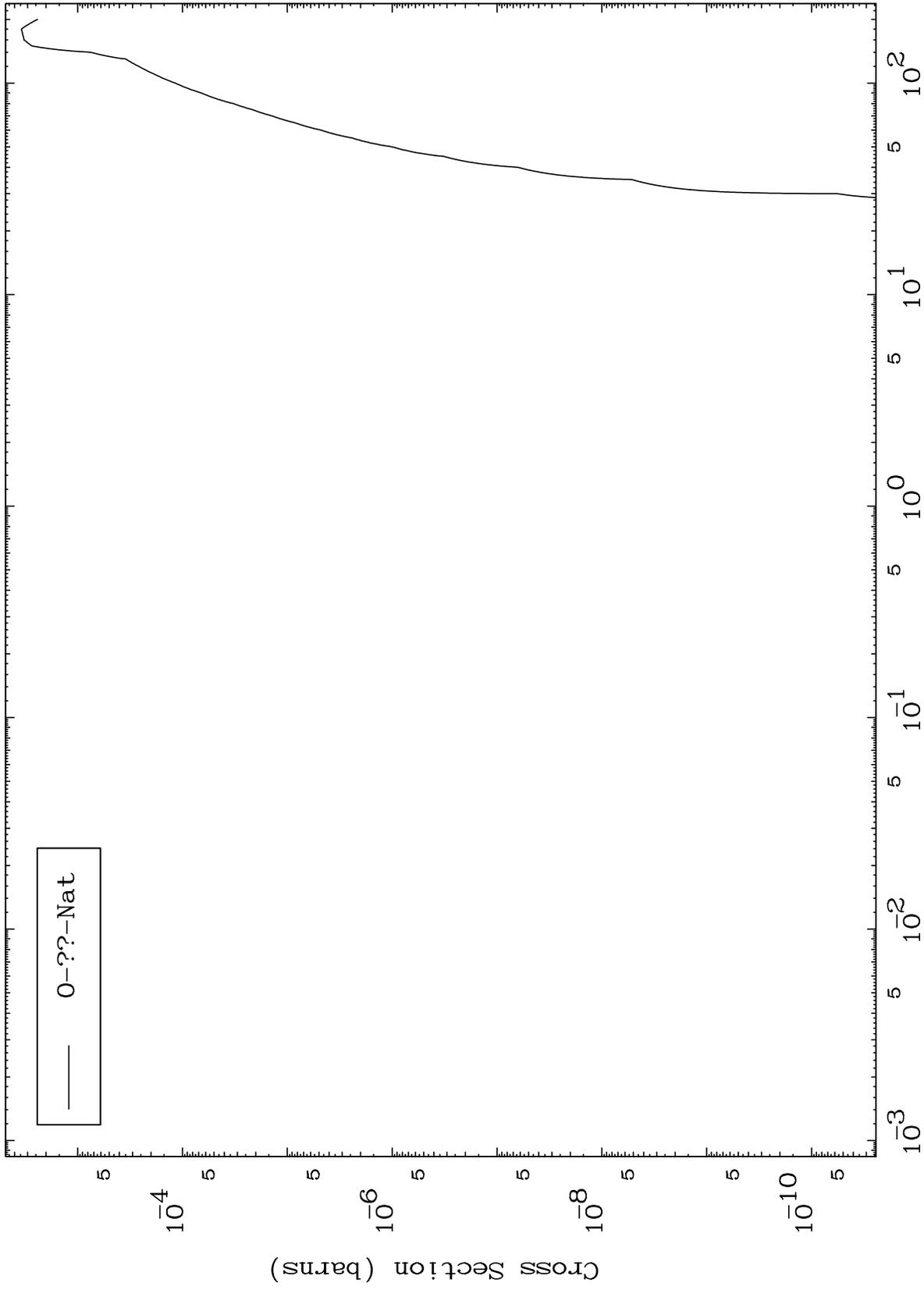
77-Ir-190

Incident Energy (MeV)

MAT 7723

α Fission
Radionuclide Production Cross Section

77-Ir-190



14

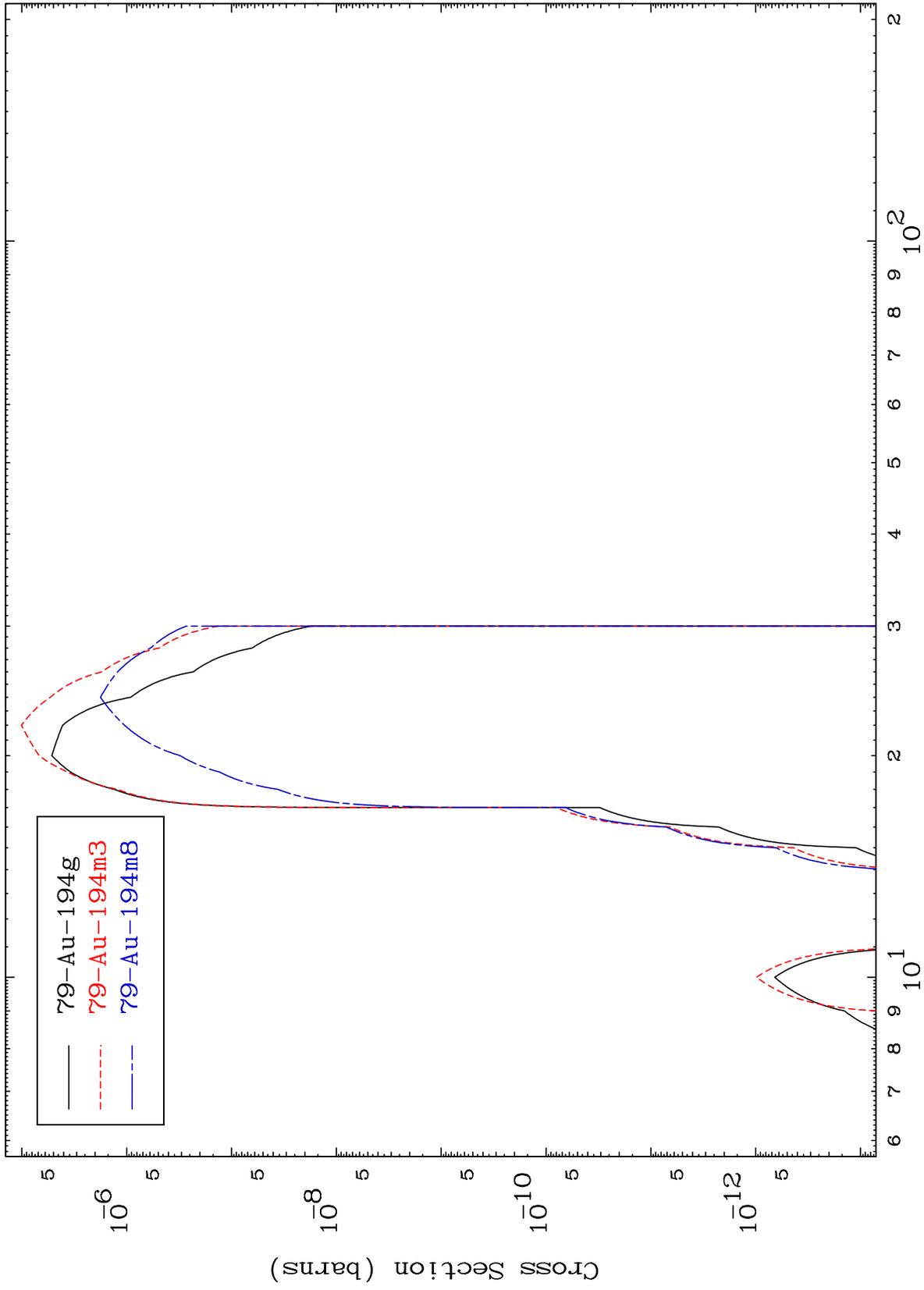
Incident Energy (MeV)

77-Ir-190

MAT 7723

⁷⁷Ir-190

(α, γ)
Radionuclide Production Cross Section



15

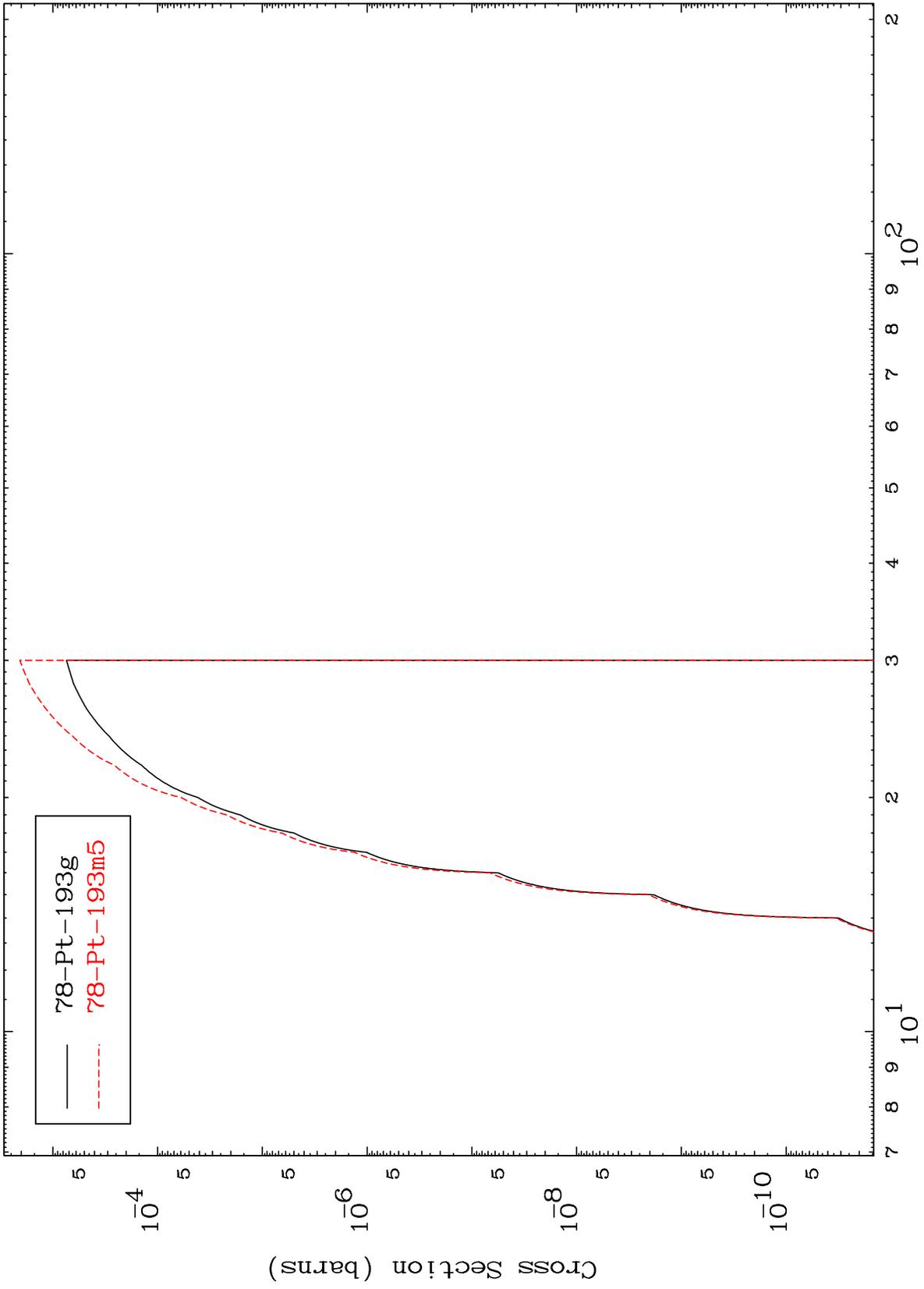
Incident Energy (MeV)

⁷⁷Ir-190

MAT 7723

77-Ir-190

(α, p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

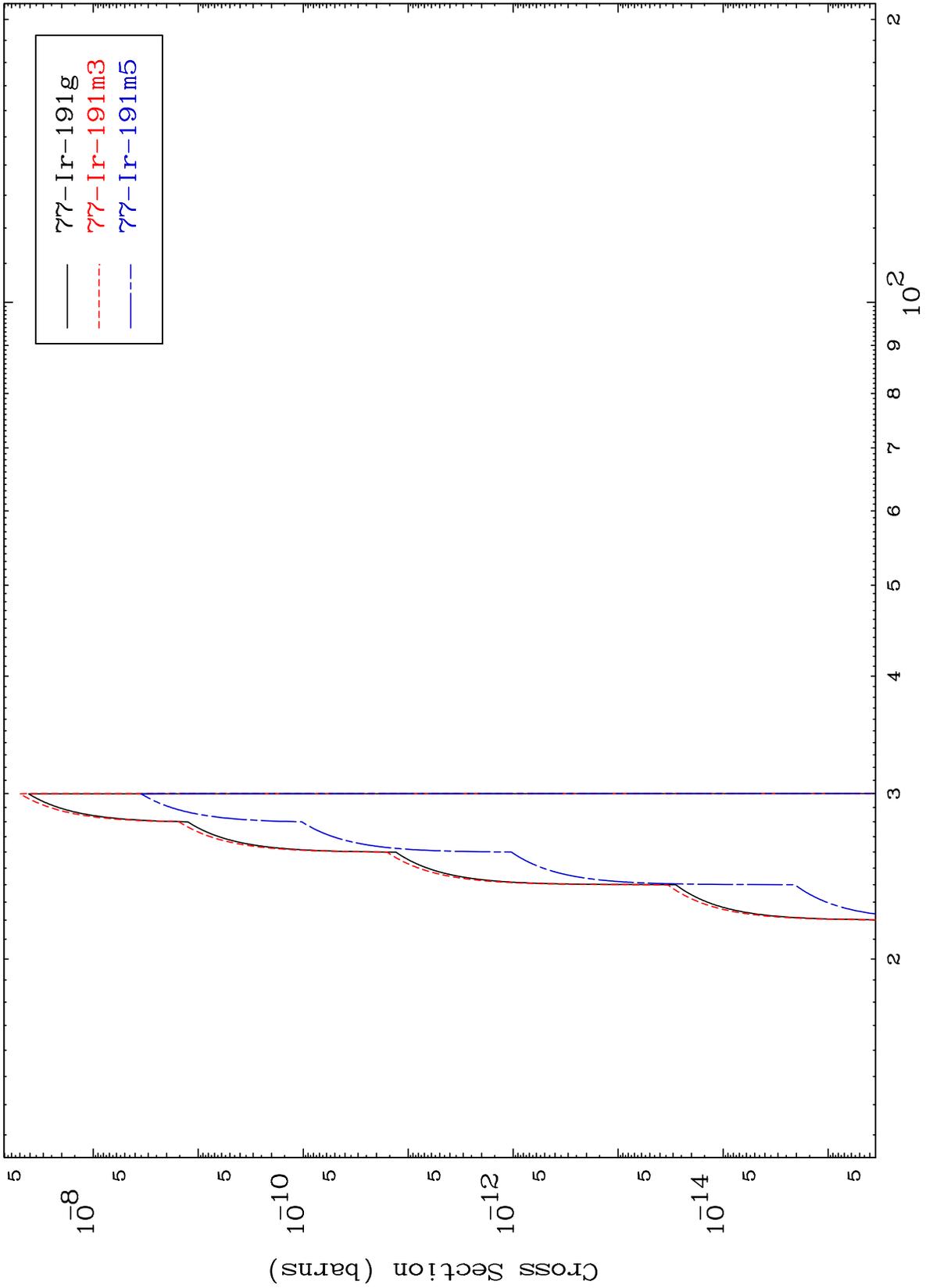
77-Ir-190

MAT 7723

($\alpha, \text{He-3}$)

77-Ir-190

Radionuclide Production Cross Section



17

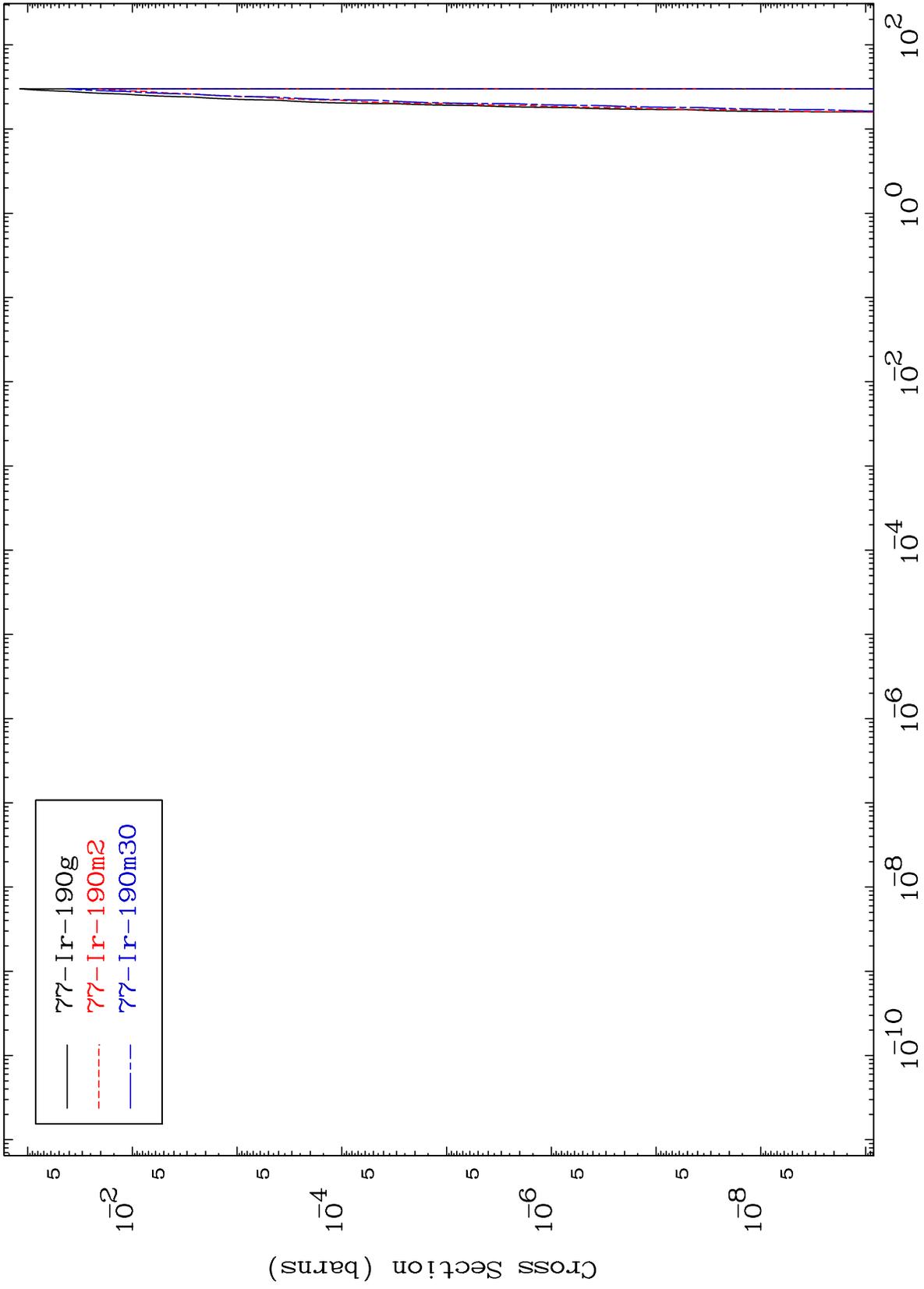
Incident Energy (MeV)

77-Ir-190

MAT 7723

(α, α)
Radionuclide Production Cross Section

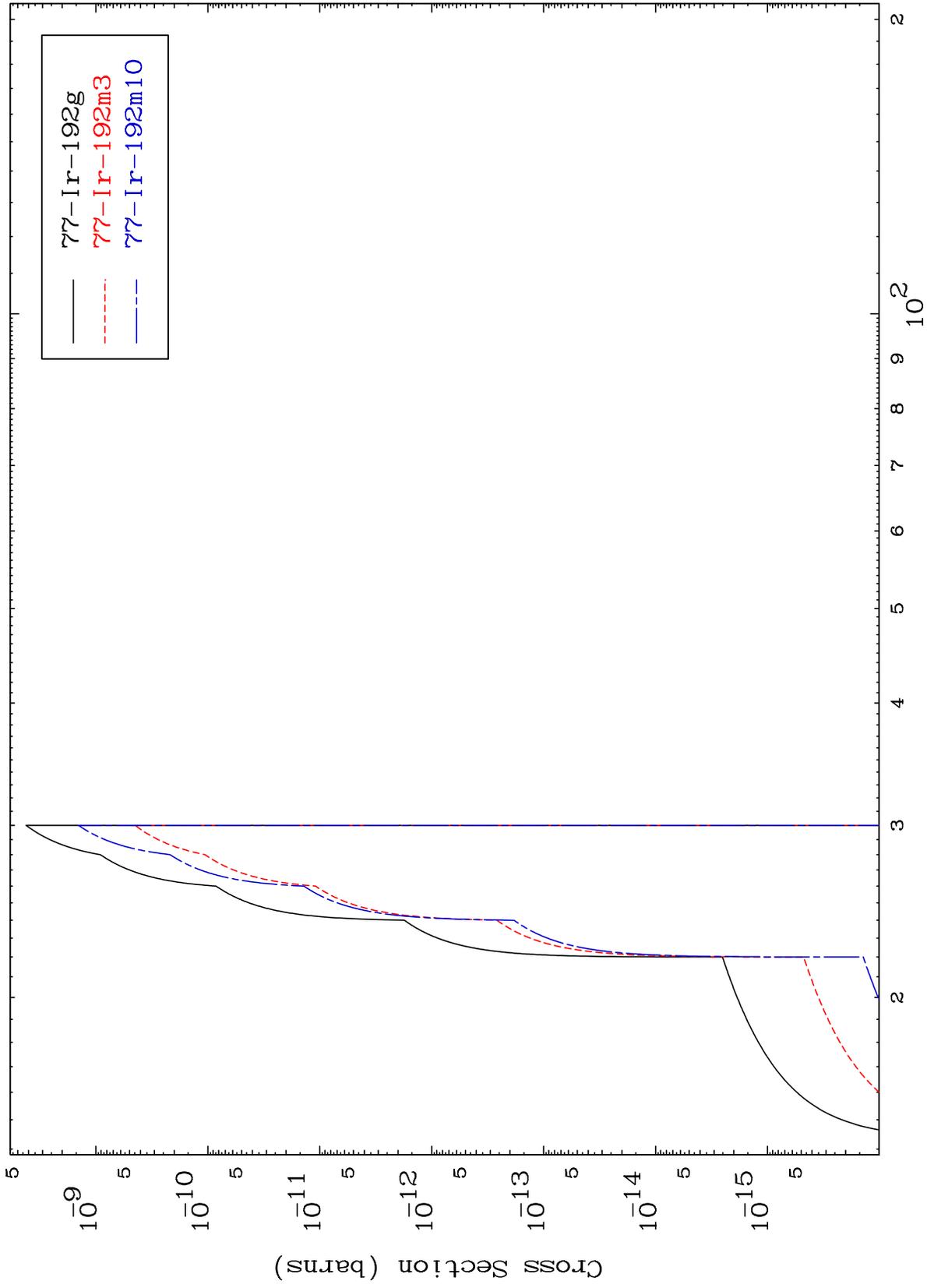
$^{77}\text{Ir-190}$



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

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

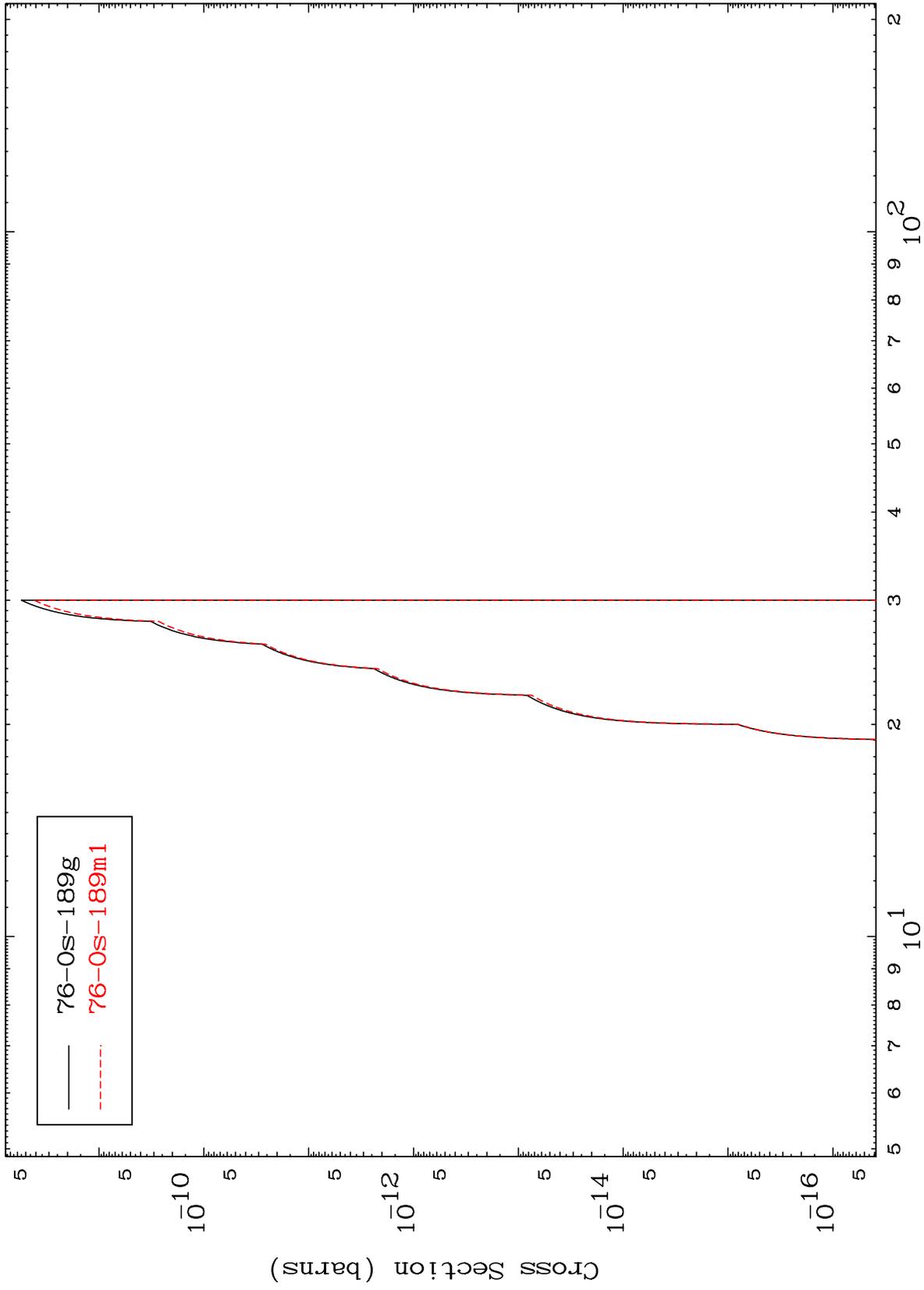


MAT 7723

(α, p) α

77-Ir-190

Radionuclide Production Cross Section



20

Incident Energy (MeV)

77-Ir-190