

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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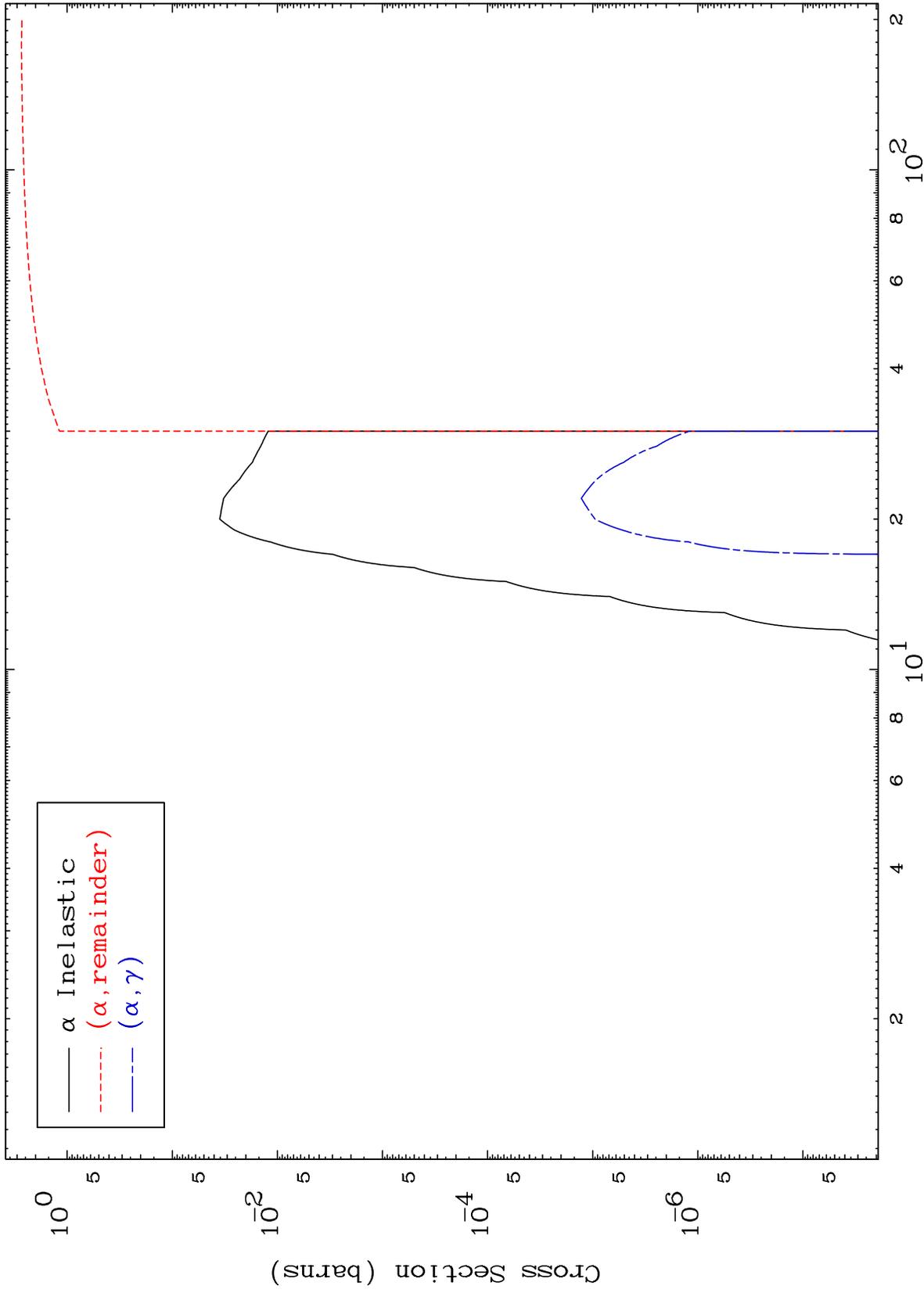
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7730

0 Kelvin α Major
Cross Sections

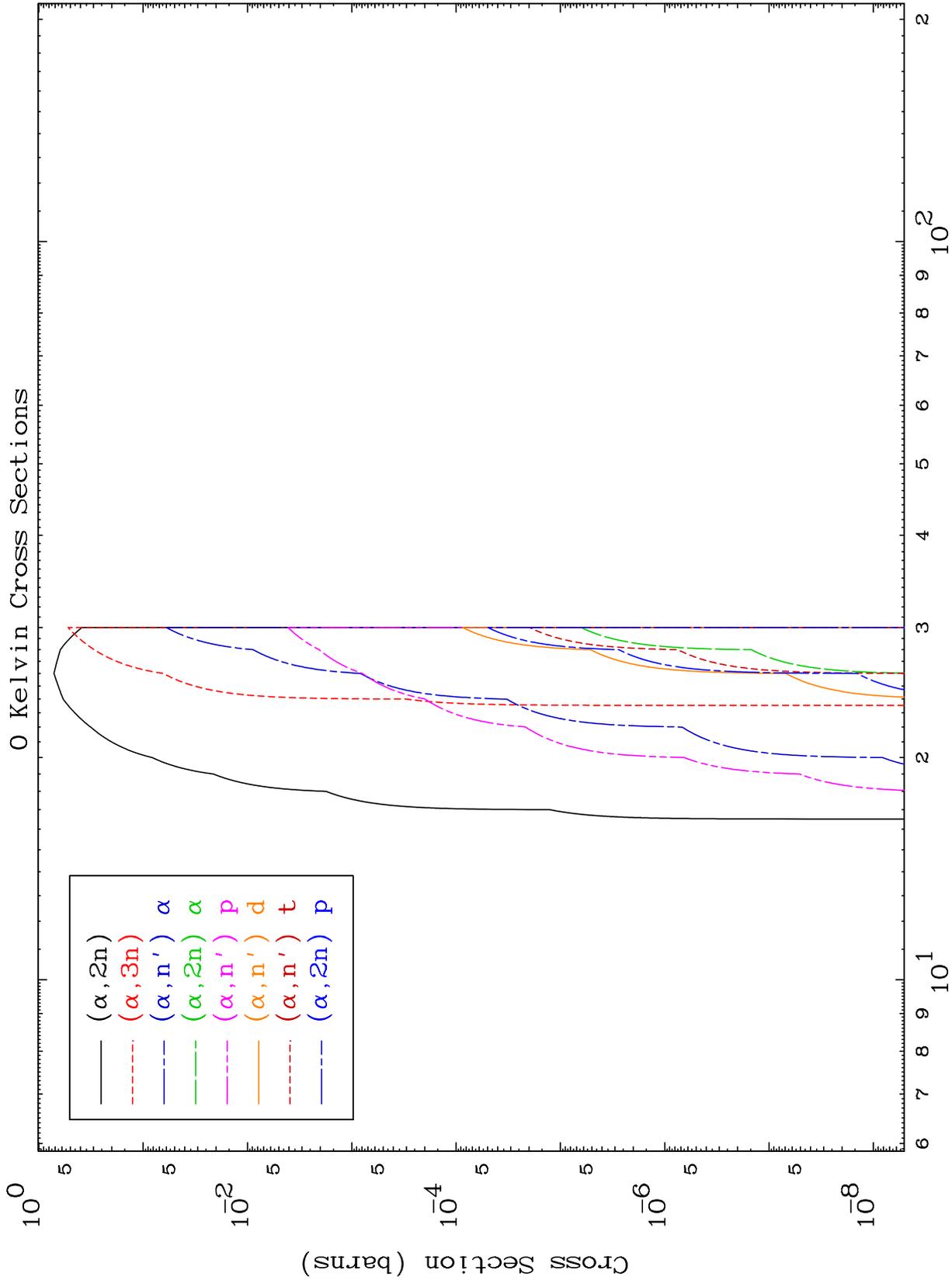
77-Ir-192



MAT 7730

α Neutron Production
0 Kelvin Cross Sections

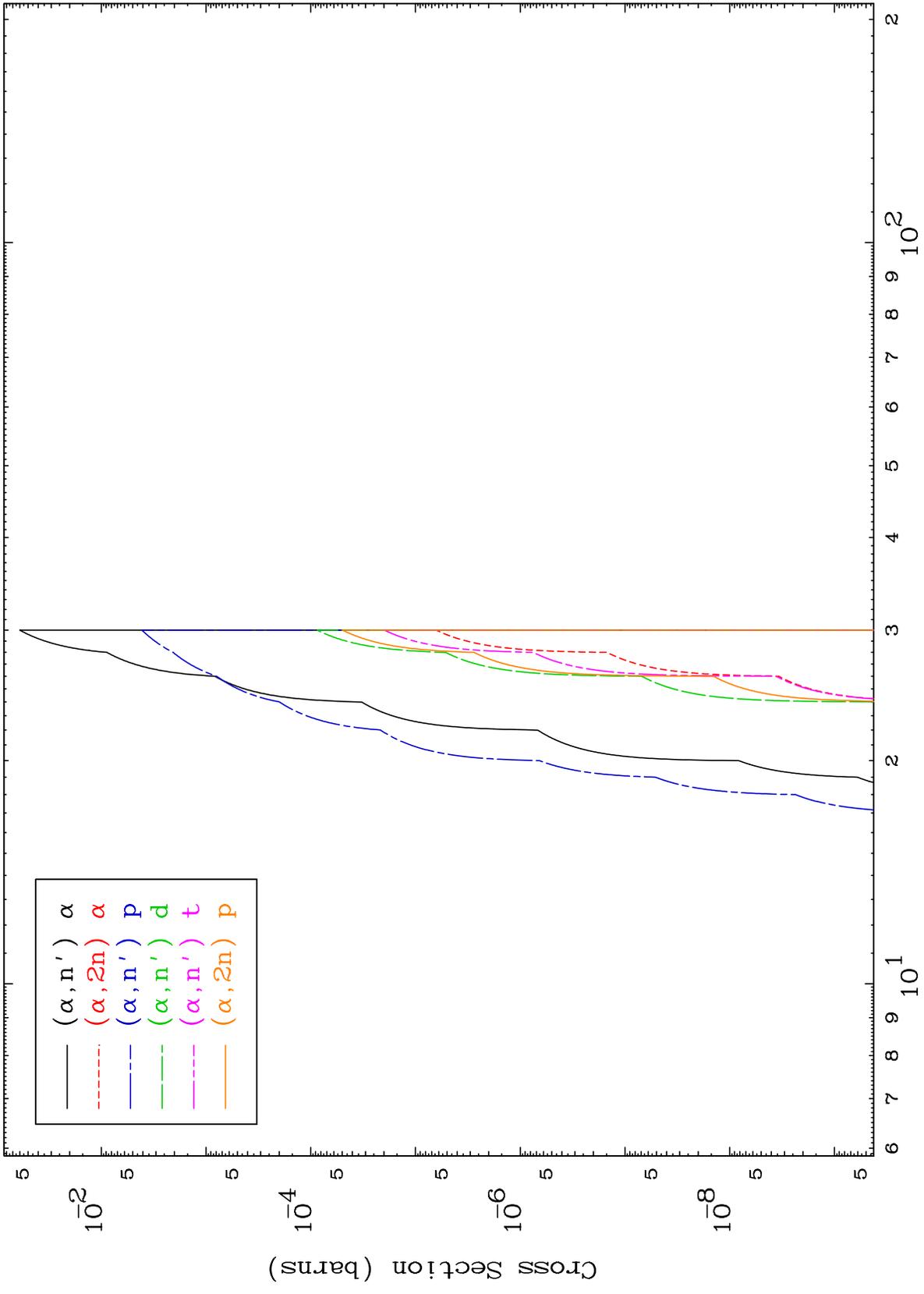
77-Ir-192



2

Incident Energy (MeV)

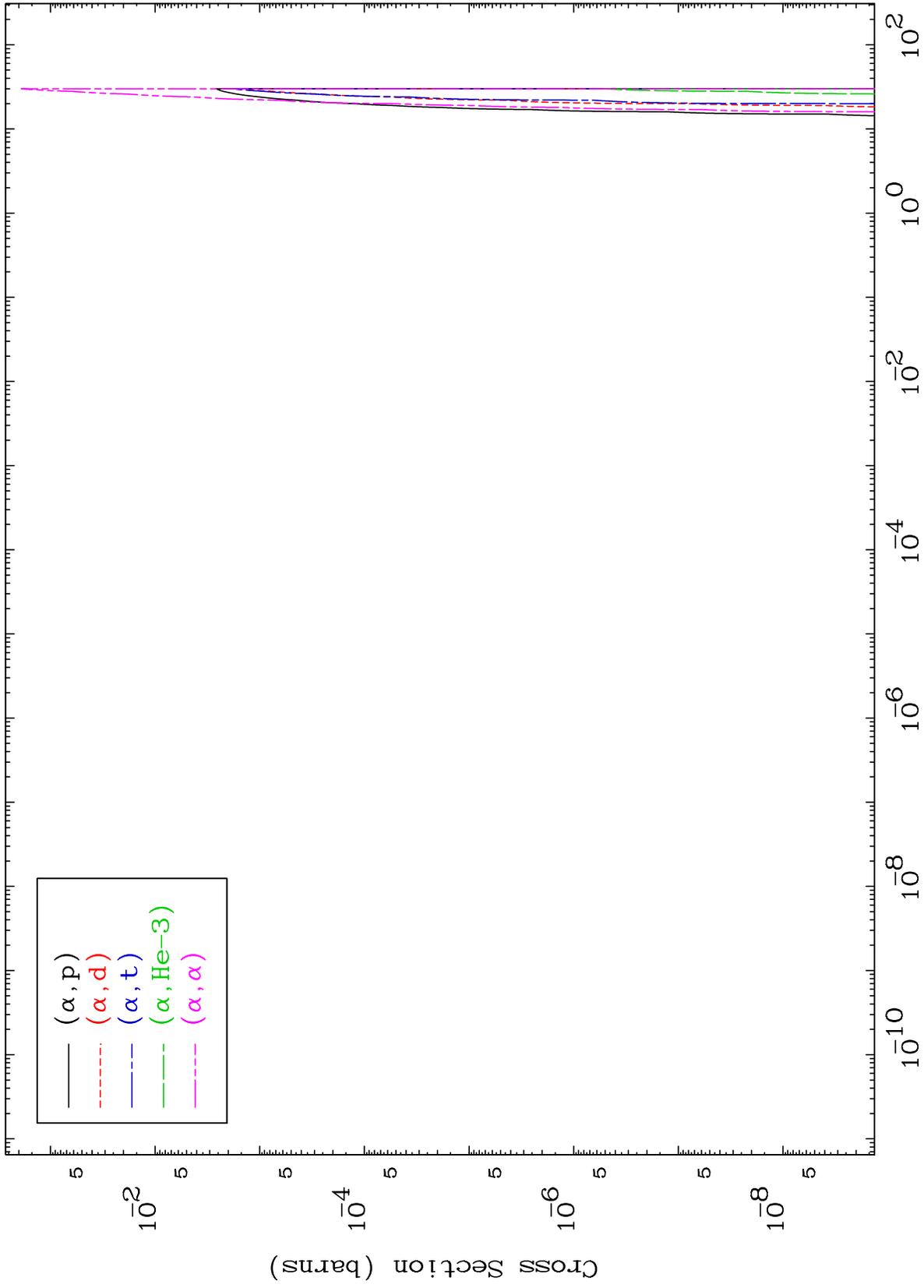
77-Ir-192



MAT 7730

α Charged Particle
0 Kelvin Cross Sections

77-Ir-192

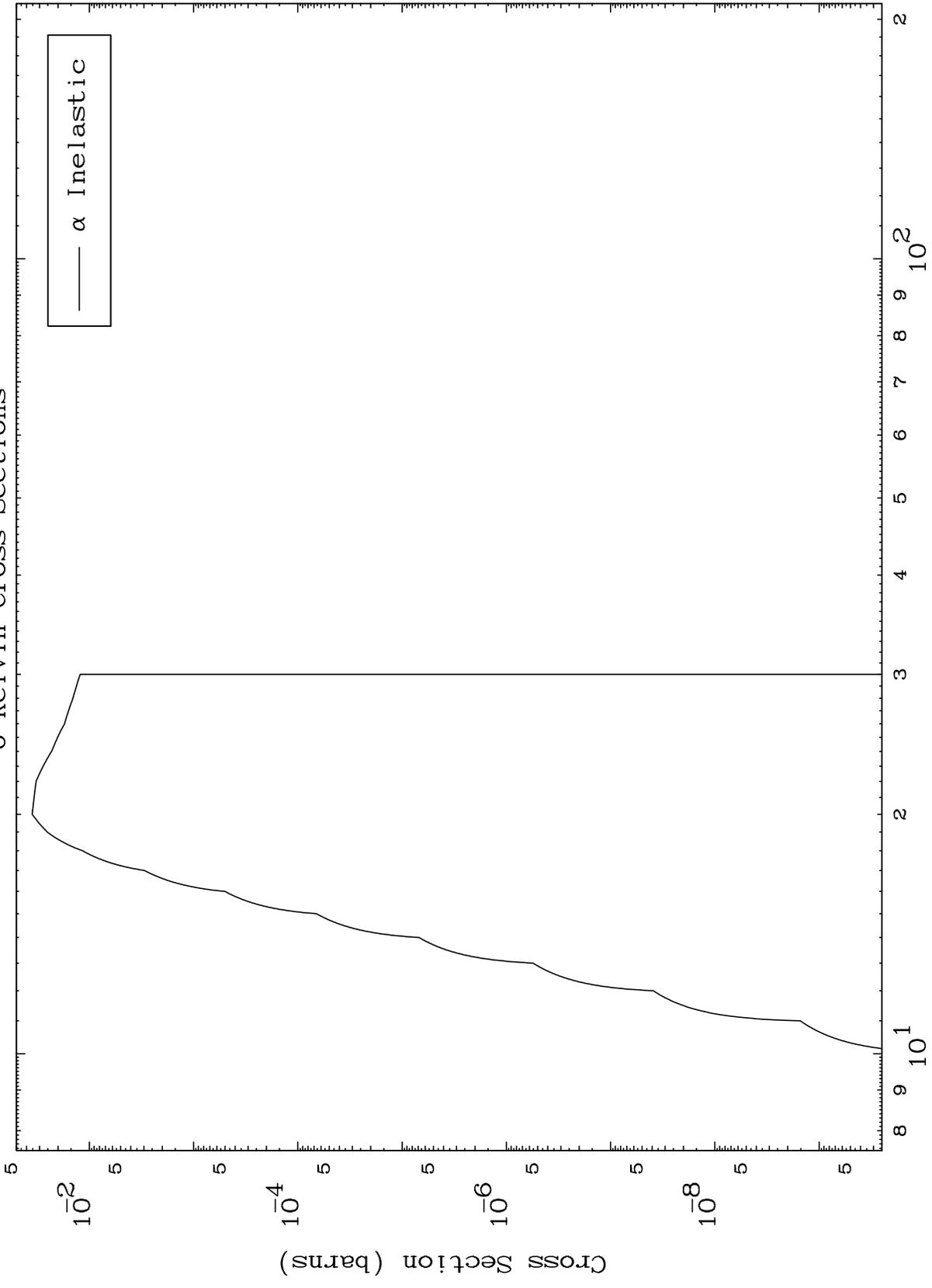


77-Ir-192

MAT 7730

(α, n') Level
0 Kelvin Cross Sections

77-Ir-192



5

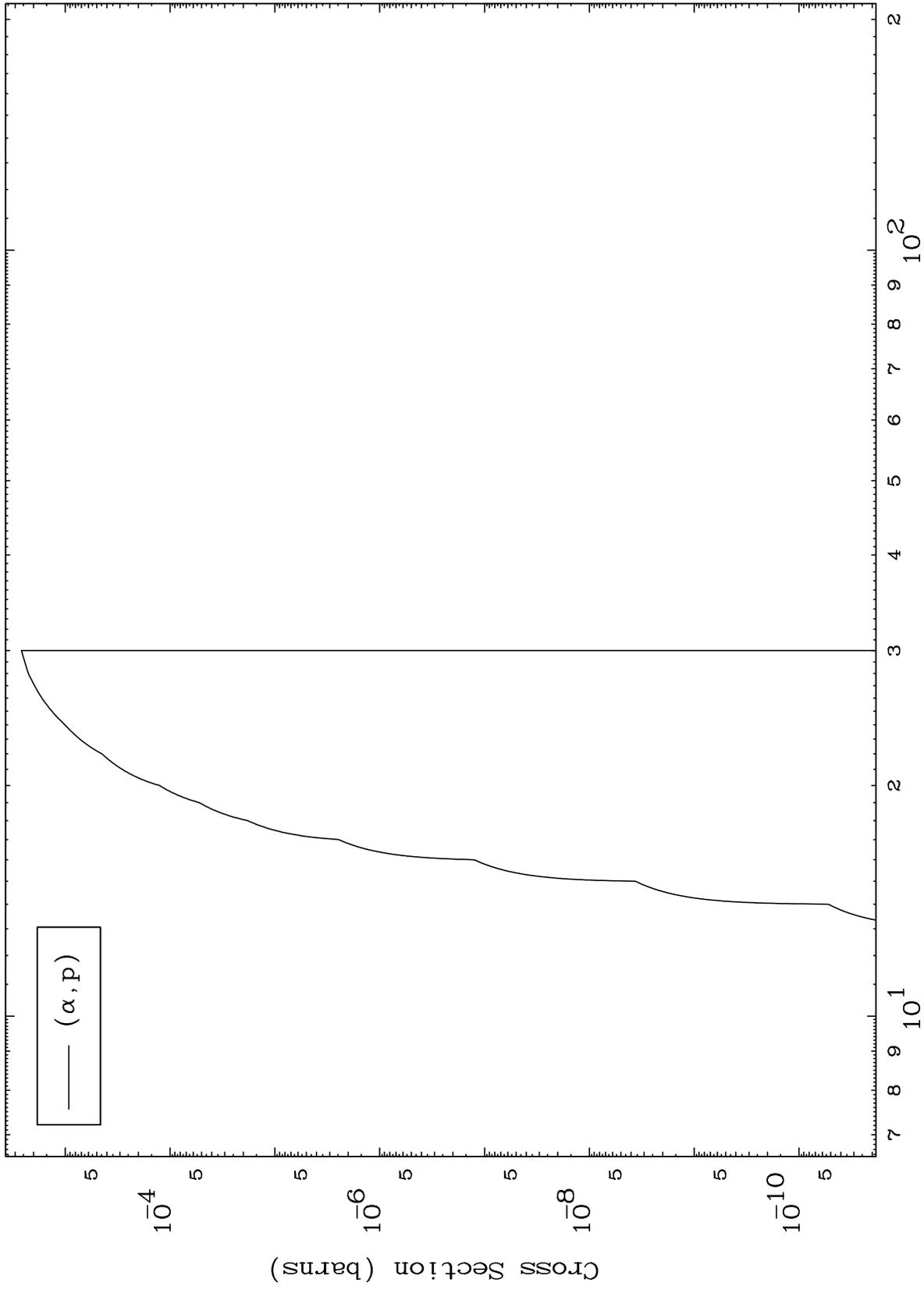
Incident Energy (MeV)

77-Ir-192

MAT 7730

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-192



6

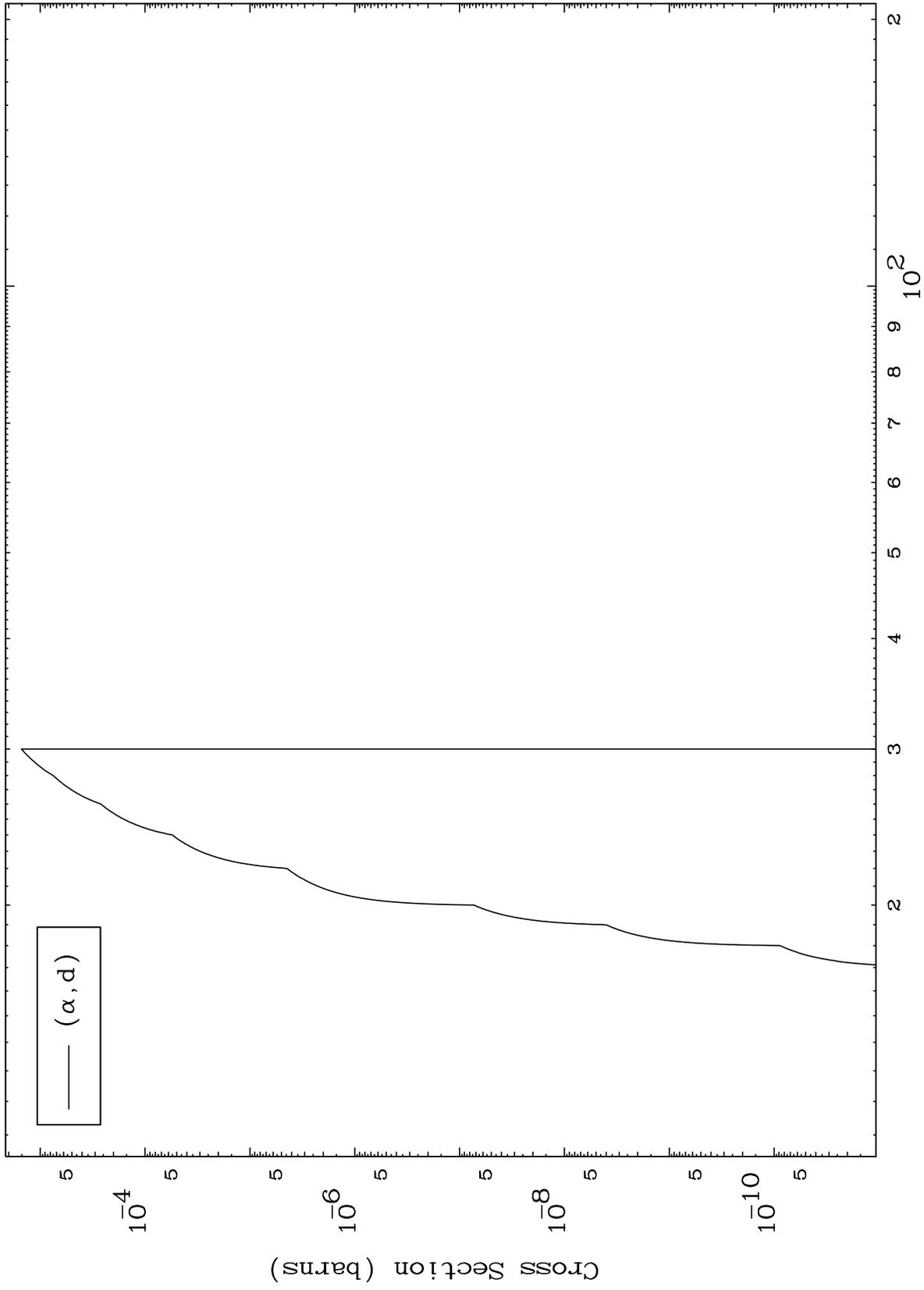
Incident Energy (MeV)

77-Ir-192

MAT 7730

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-192



7

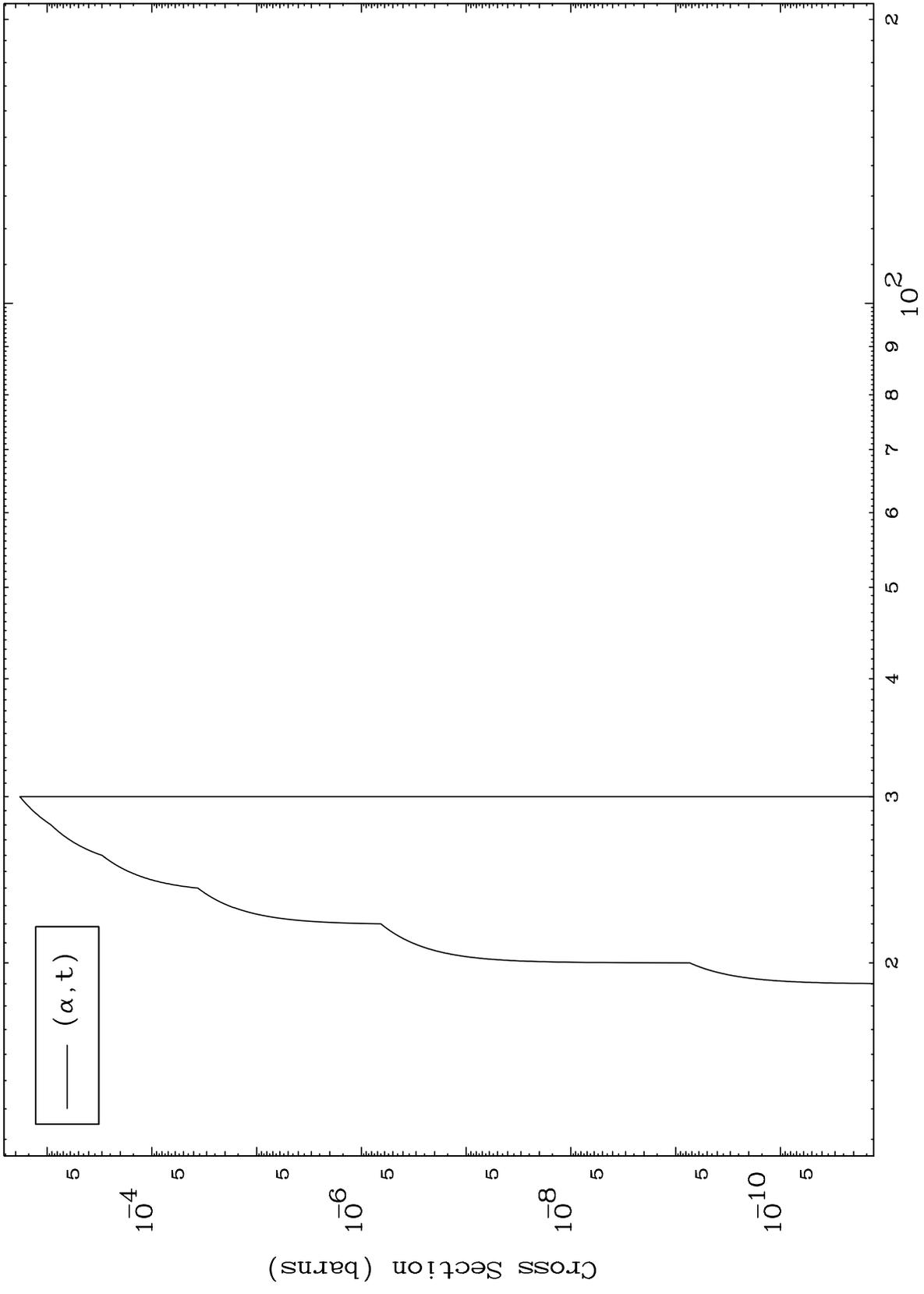
Incident Energy (MeV)

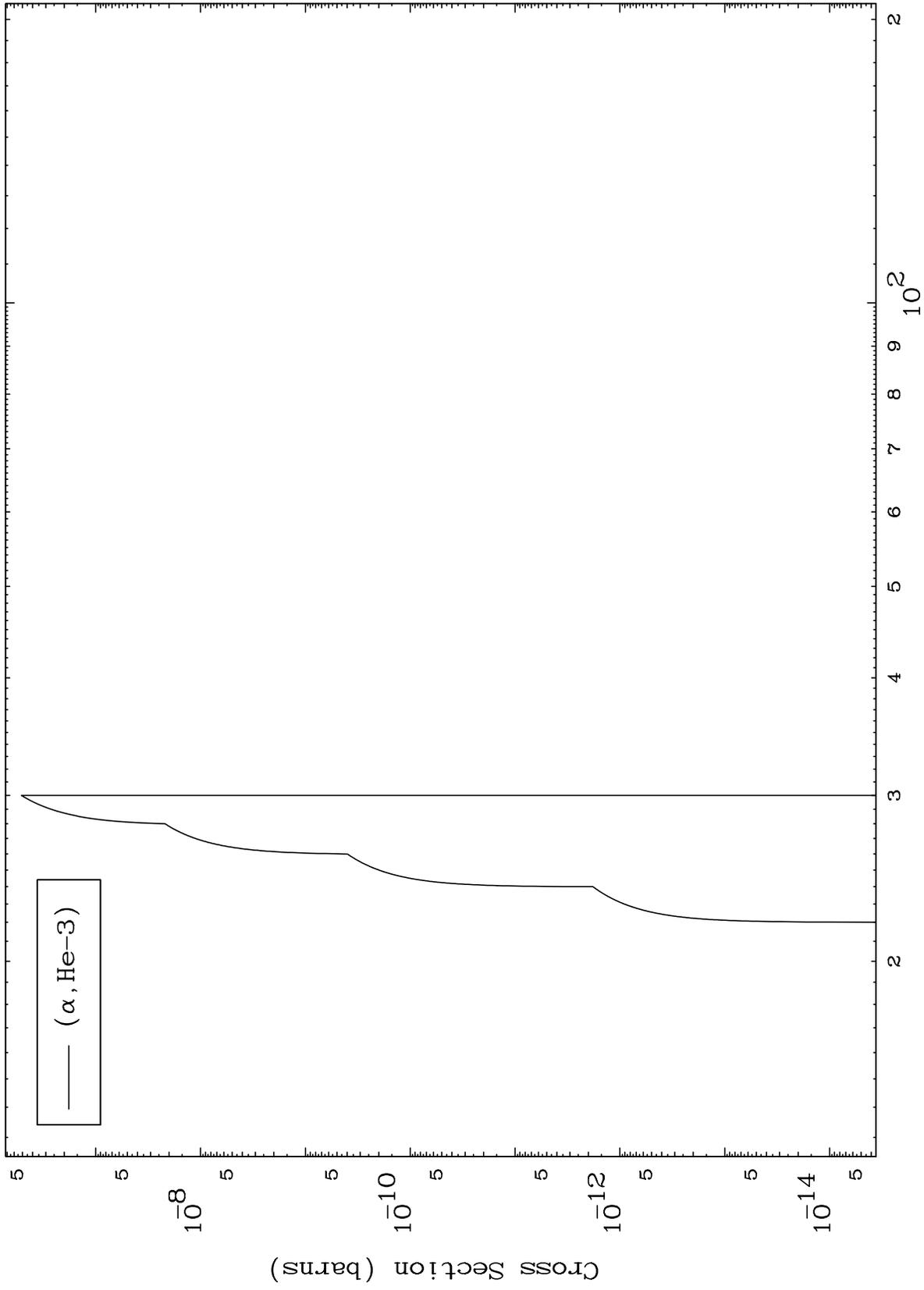
77-Ir-192

MAT 7730

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-192

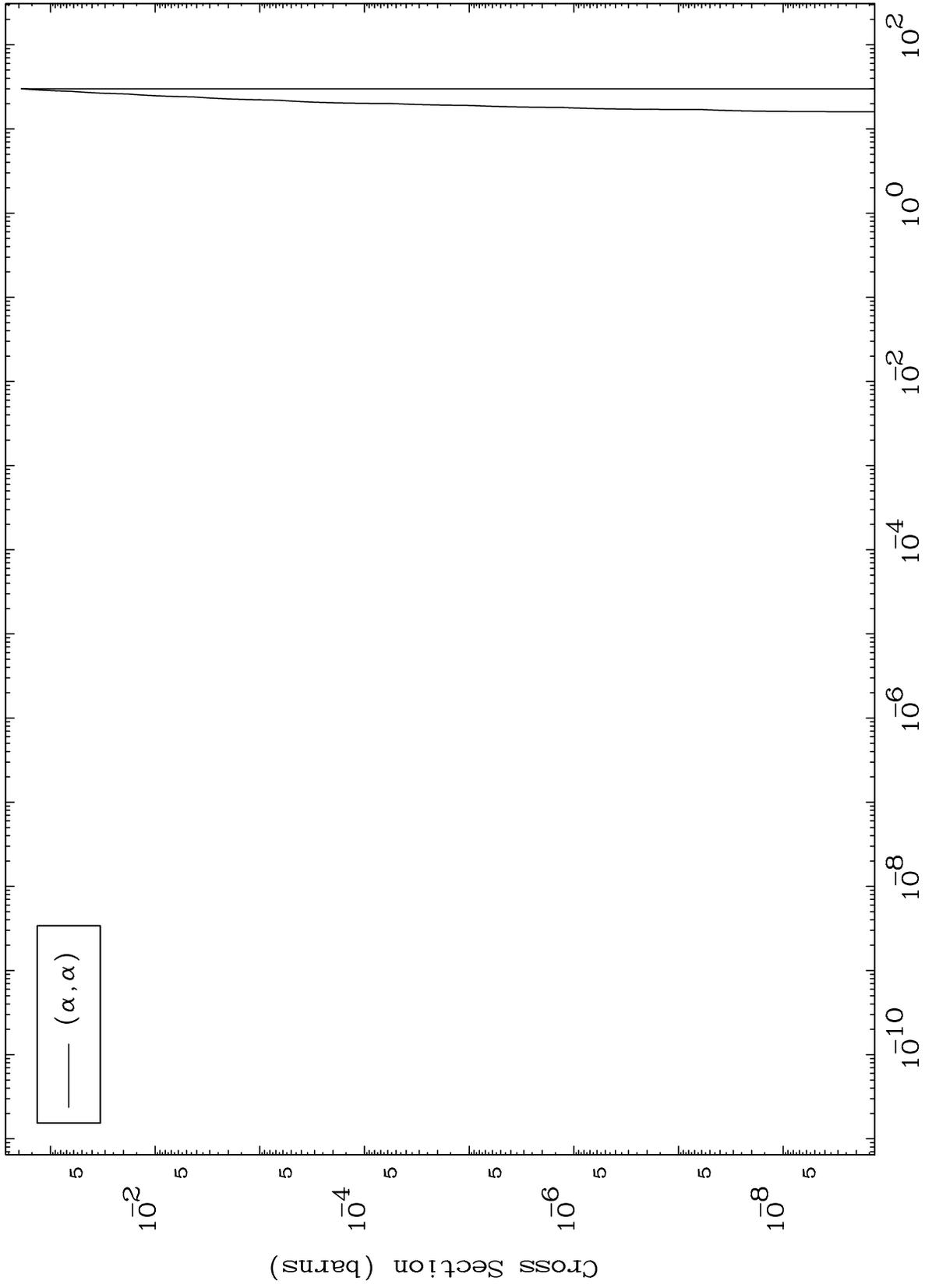




MAT 7730

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-192



10

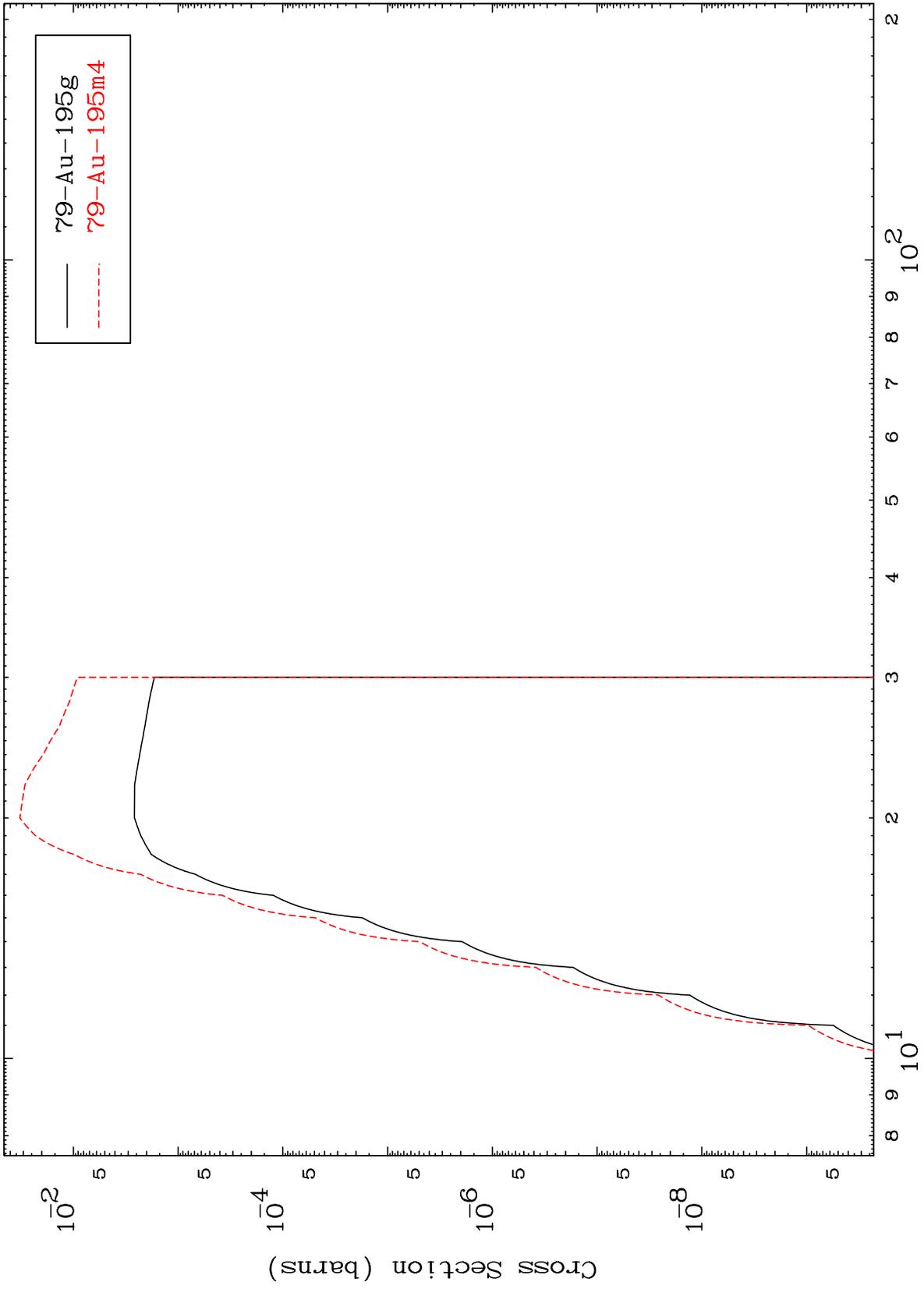
Incident Energy (MeV)

77-Ir-192

MAT 7730

α Inelastic
Radionuclide Production Cross Section

77-Ir-192



11

Incident Energy (MeV)

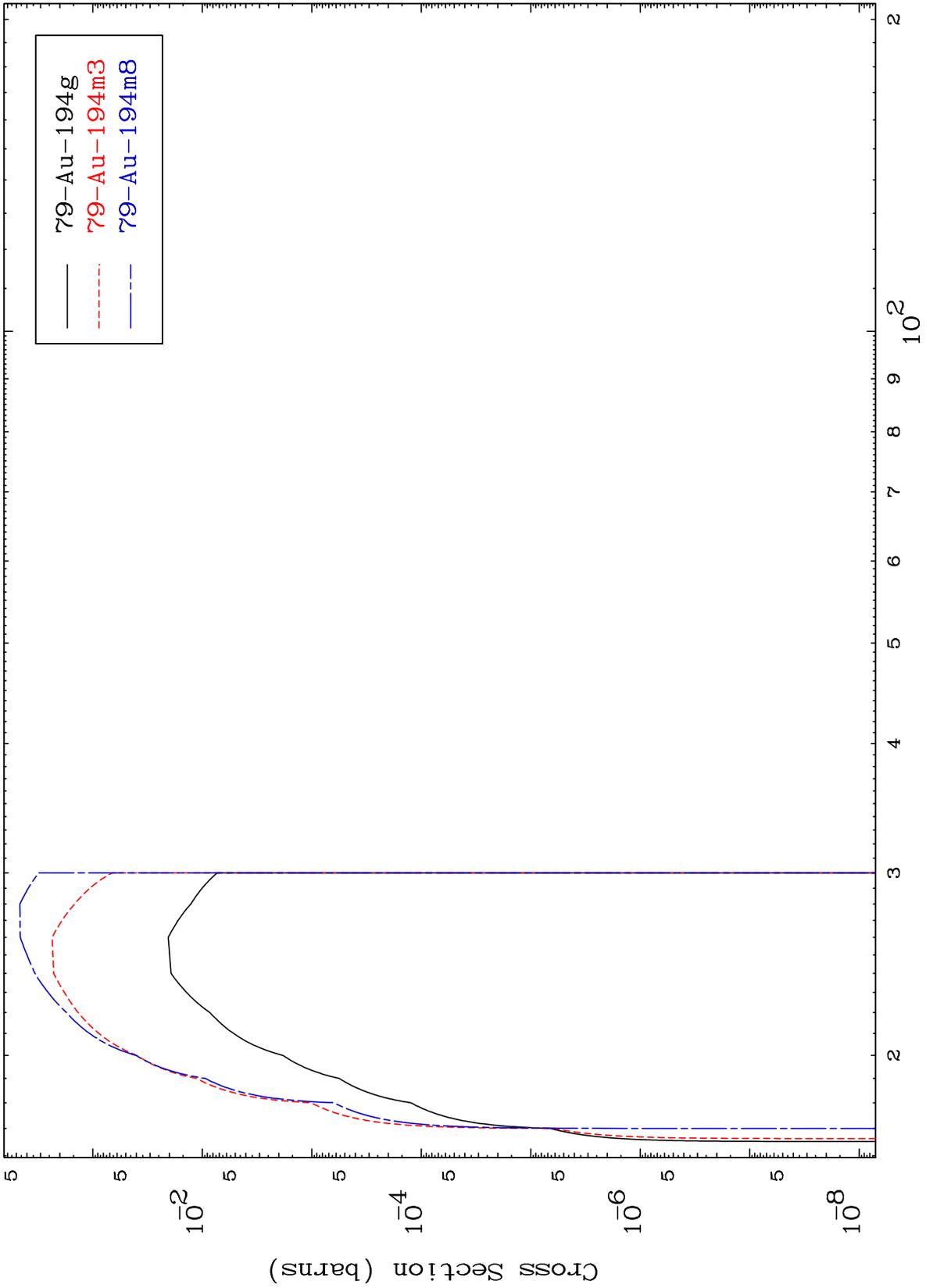
77-Ir-192

MAT 7730

($\alpha, 2n$)

77-Ir-192

Radionuclide Production Cross Section



12

Incident Energy (MeV)

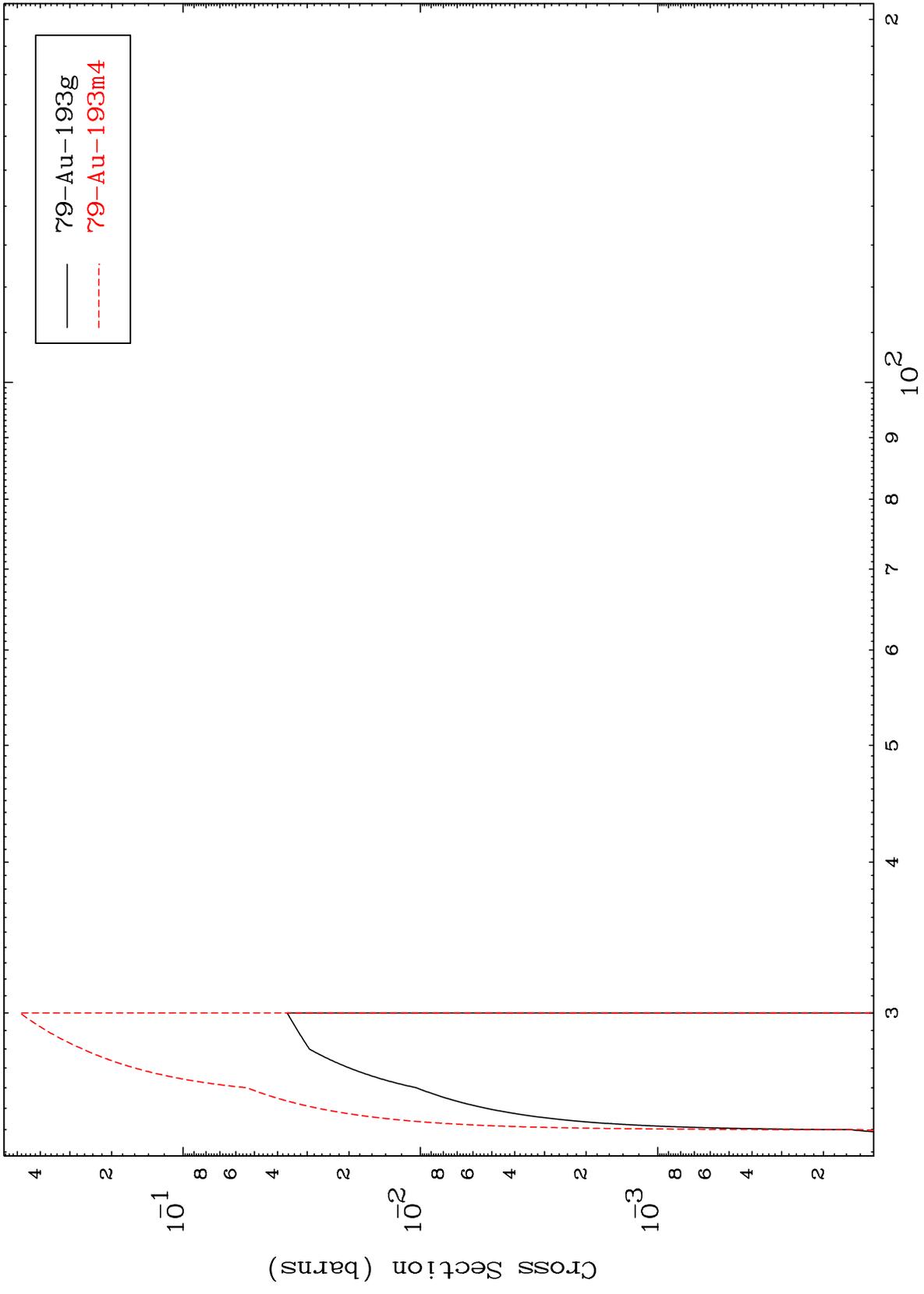
77-Ir-192

MAT 7730

($\alpha, 3n$)

⁷⁷Ir-192

Radionuclide Production Cross Section



13

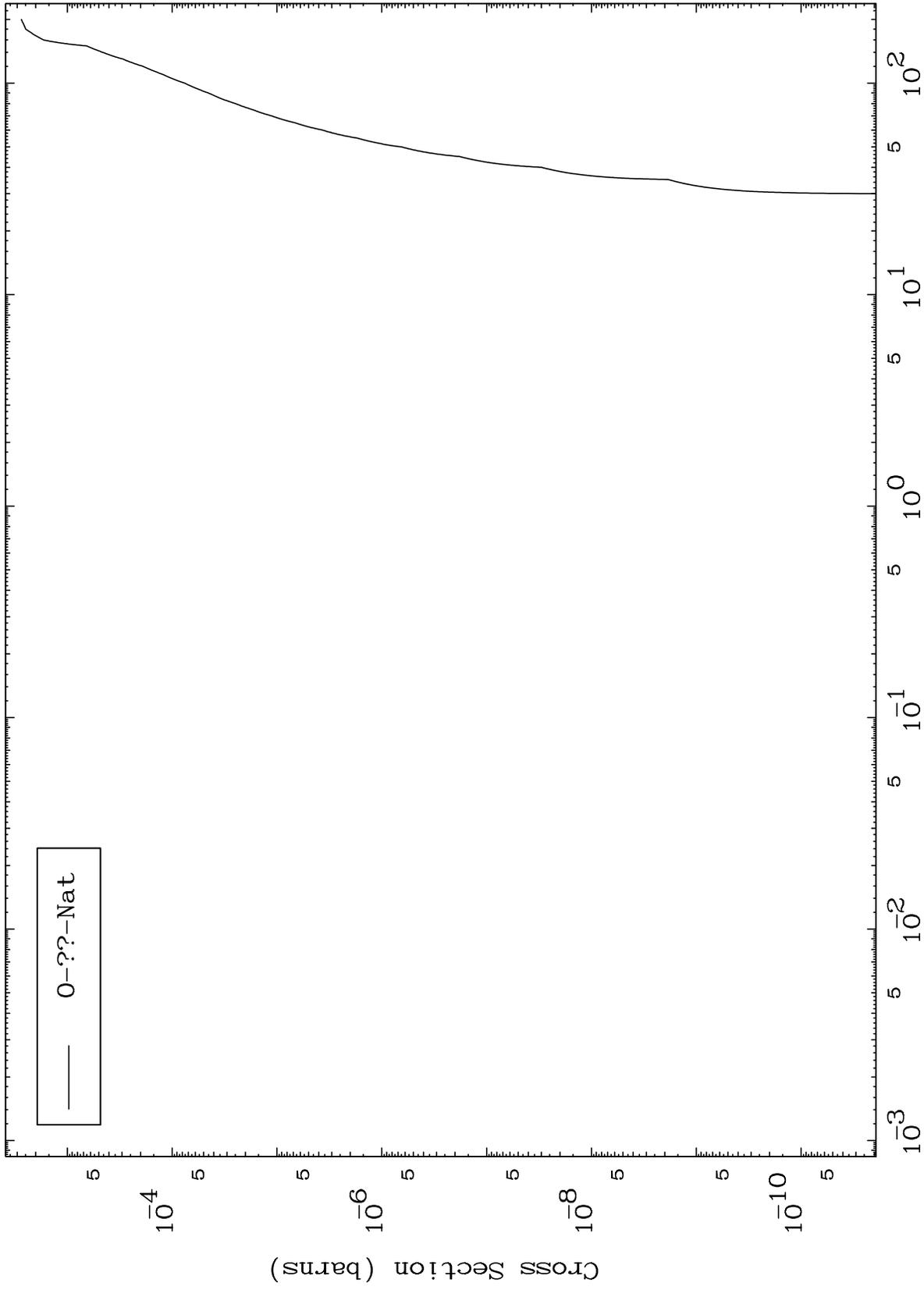
Incident Energy (MeV)

⁷⁷Ir-192

MAT 7730

α Fission
Radionuclide Production Cross Section

77-Ir-192



14

Incident Energy (MeV)

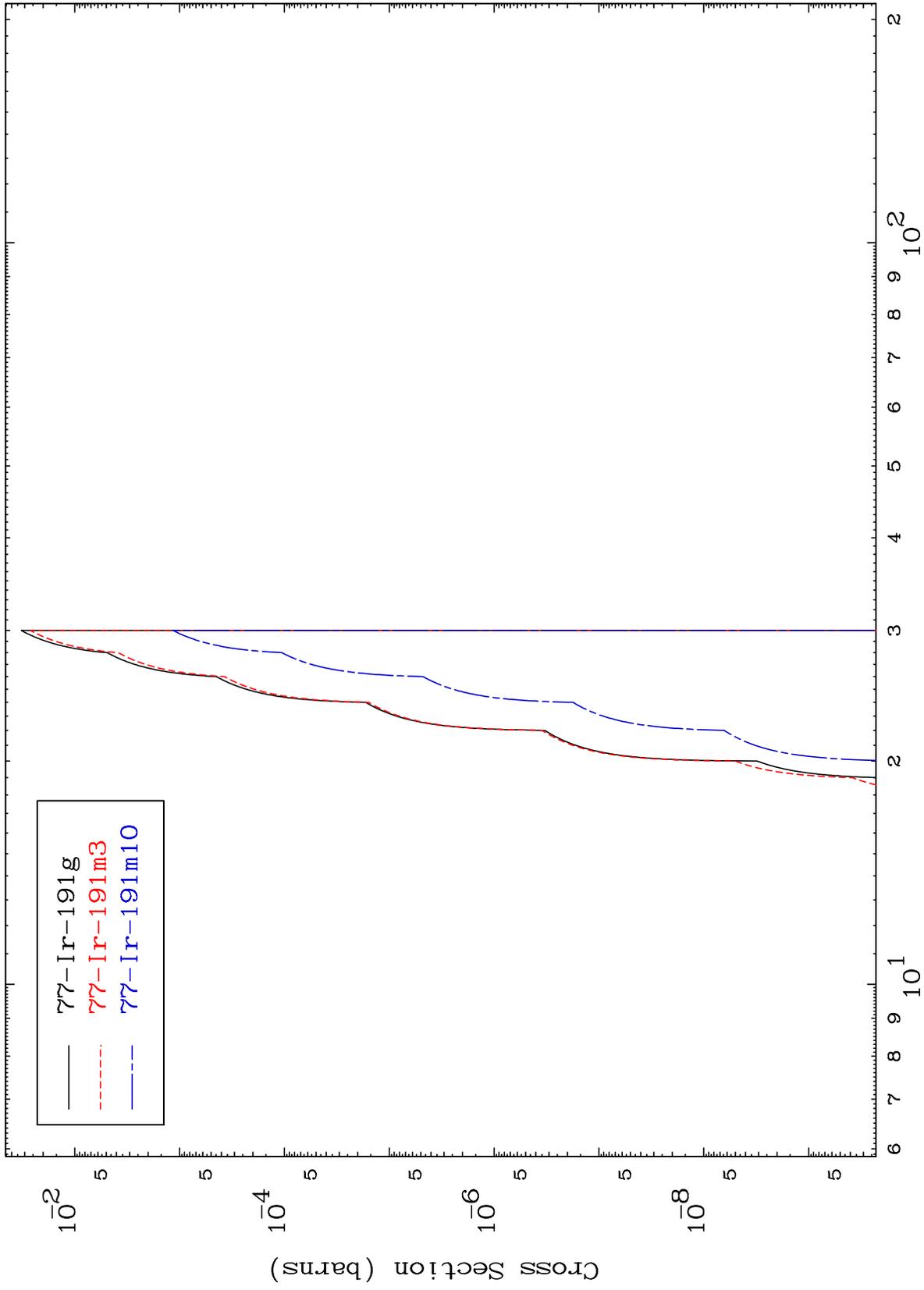
77-Ir-192

MAT 7730

(α, n') α

77-Ir-192

Radionuclide Production Cross Section



15

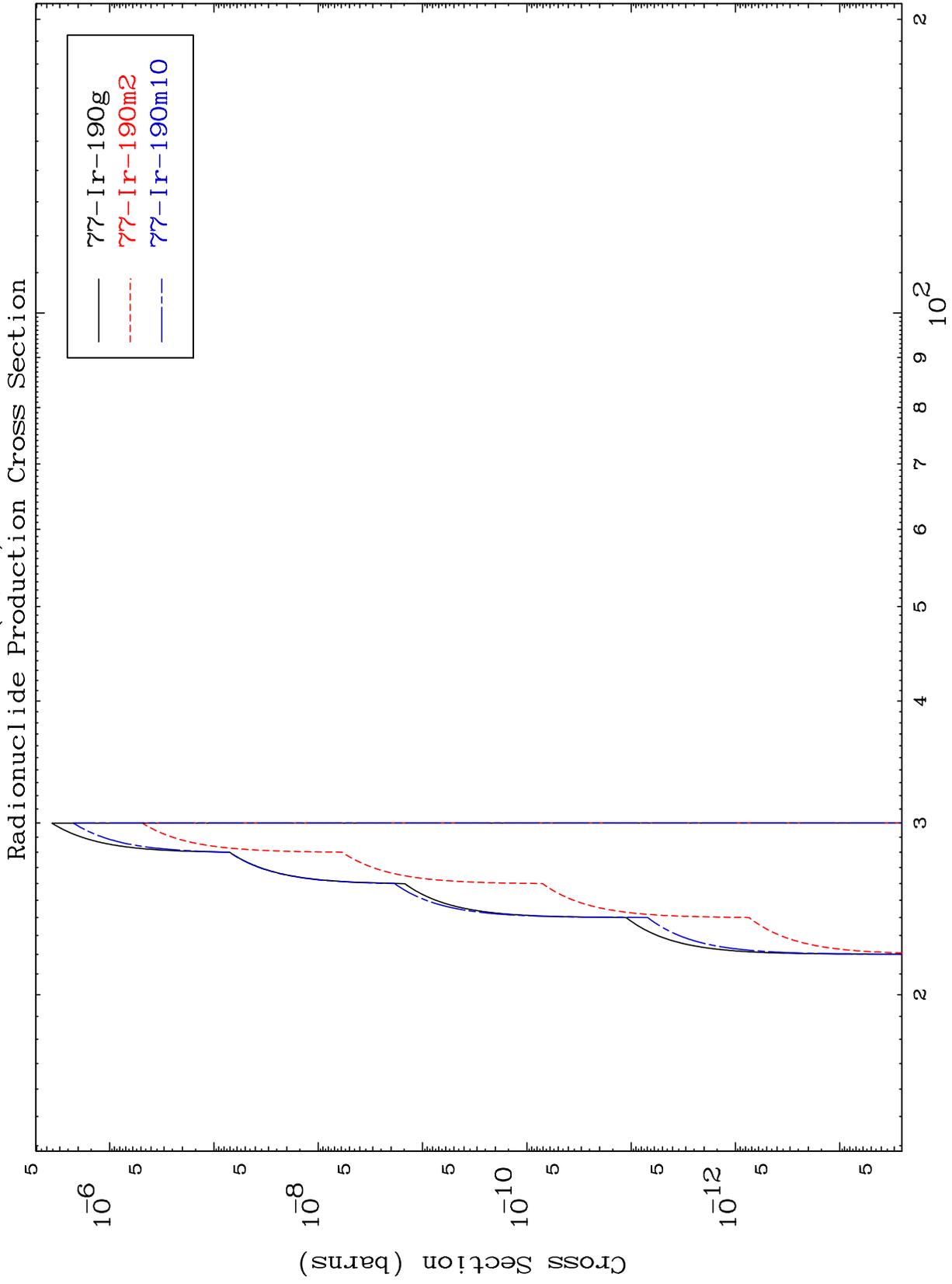
Incident Energy (MeV)

77-Ir-192

MAT 7730

$(\alpha, 2n) \alpha$

$^{77}\text{Ir-192}$



16

Incident Energy (MeV)

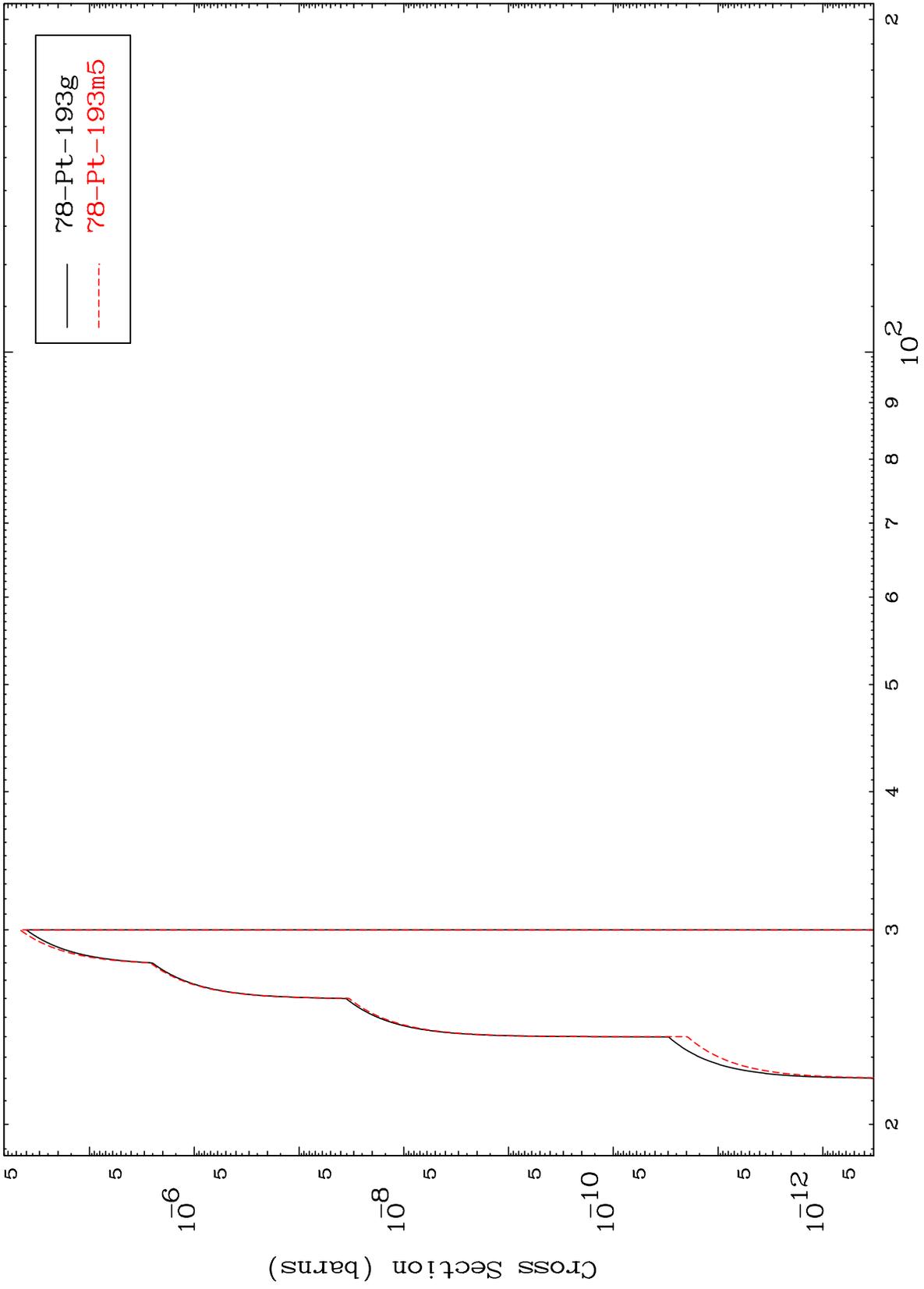
$^{77}\text{Ir-192}$

MAT 7730

(α, n') d

77-Ir-192

Radionuclide Production Cross Section



17

Incident Energy (MeV)

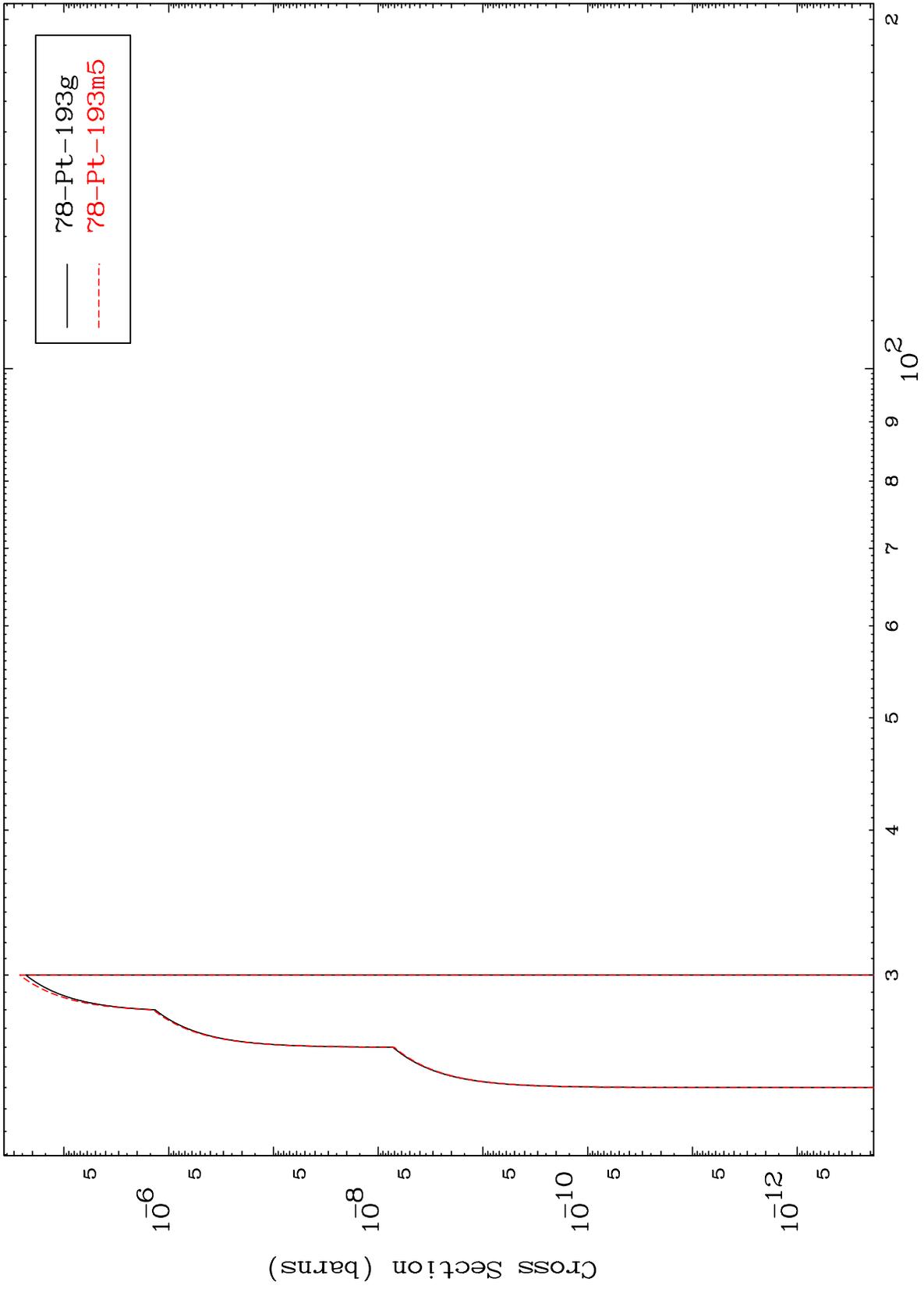
77-Ir-192

MAT 7730

($\alpha, 2n$) p

77-Ir-192

Radionuclide Production Cross Section



18

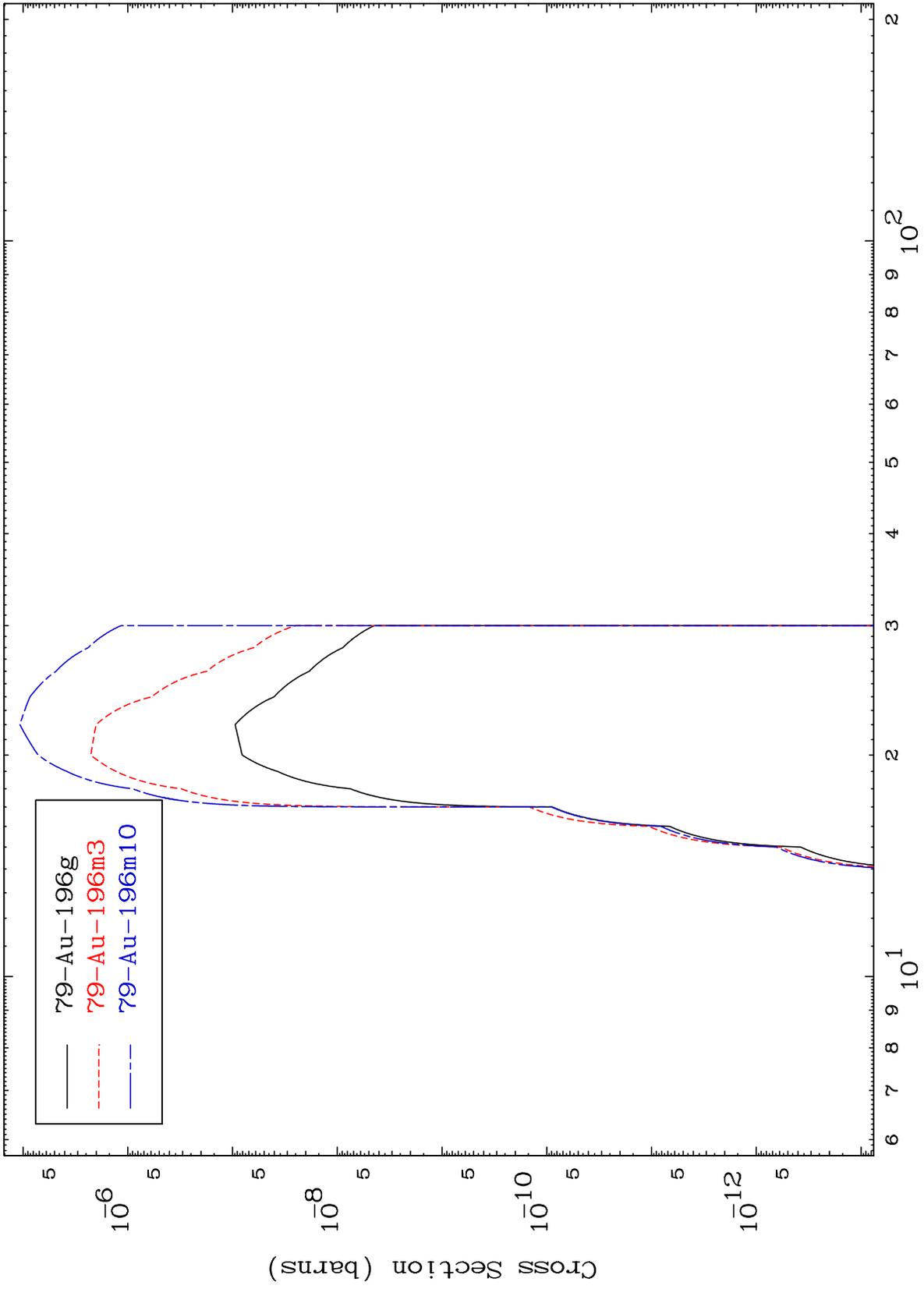
Incident Energy (MeV)

77-Ir-192

MAT 7730

77-Ir-192

(α, γ)
Radionuclide Production Cross Section



19

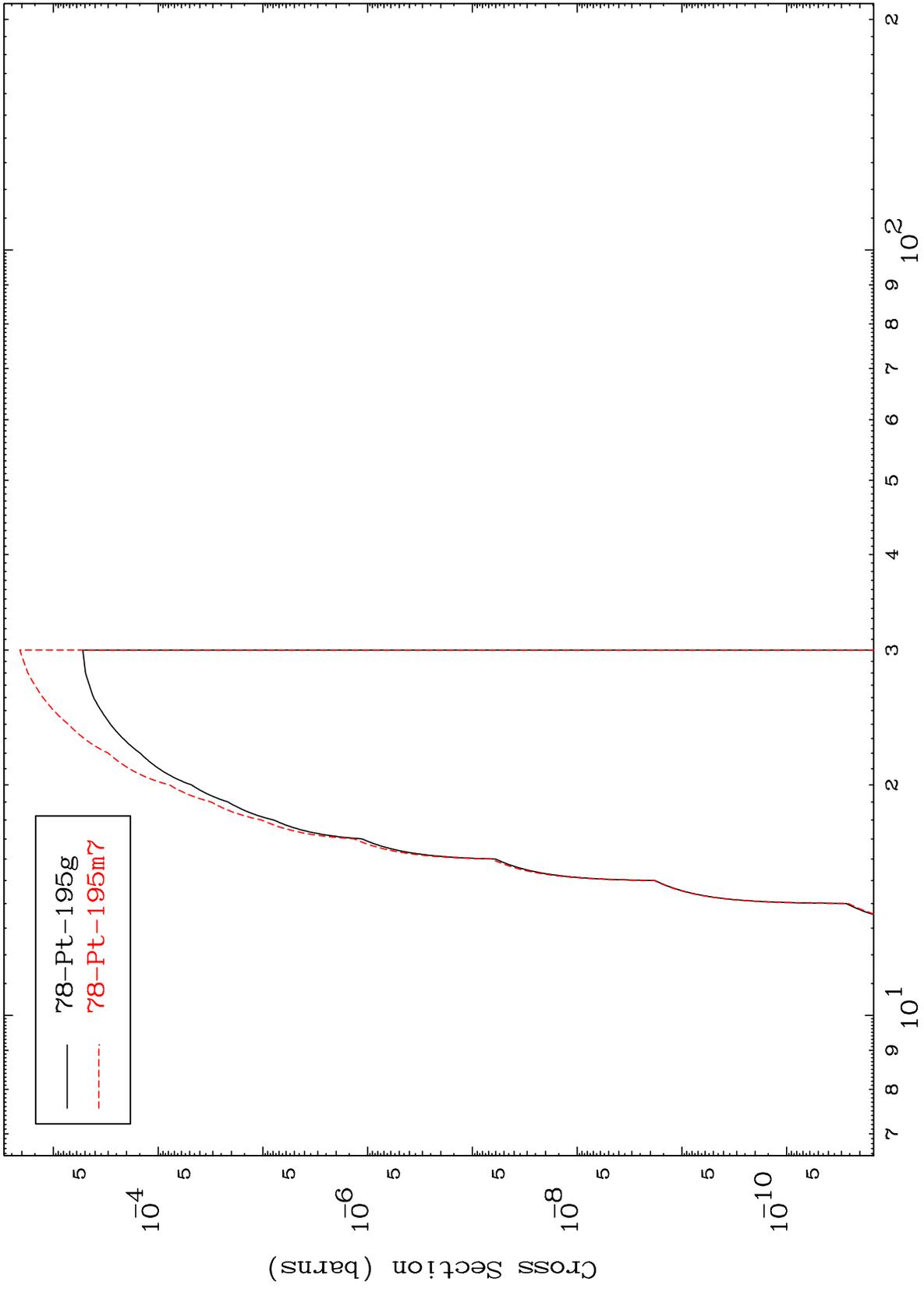
Incident Energy (MeV)

77-Ir-192

MAT 7730

77-Ir-192

(α, p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

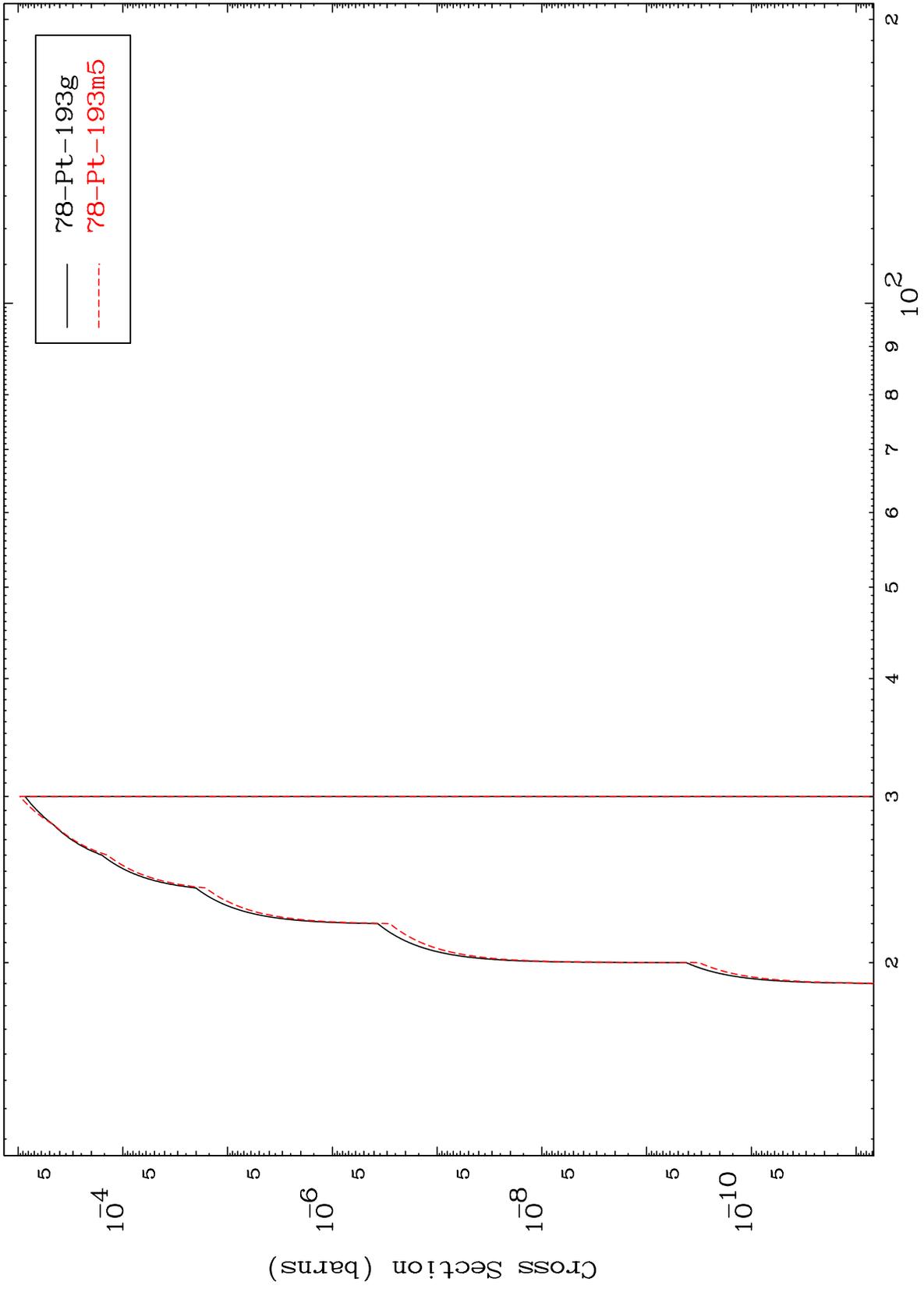
77-Ir-192

MAT 7730

(α, t)

77-Ir-192

Radionuclide Production Cross Section



21

Incident Energy (MeV)

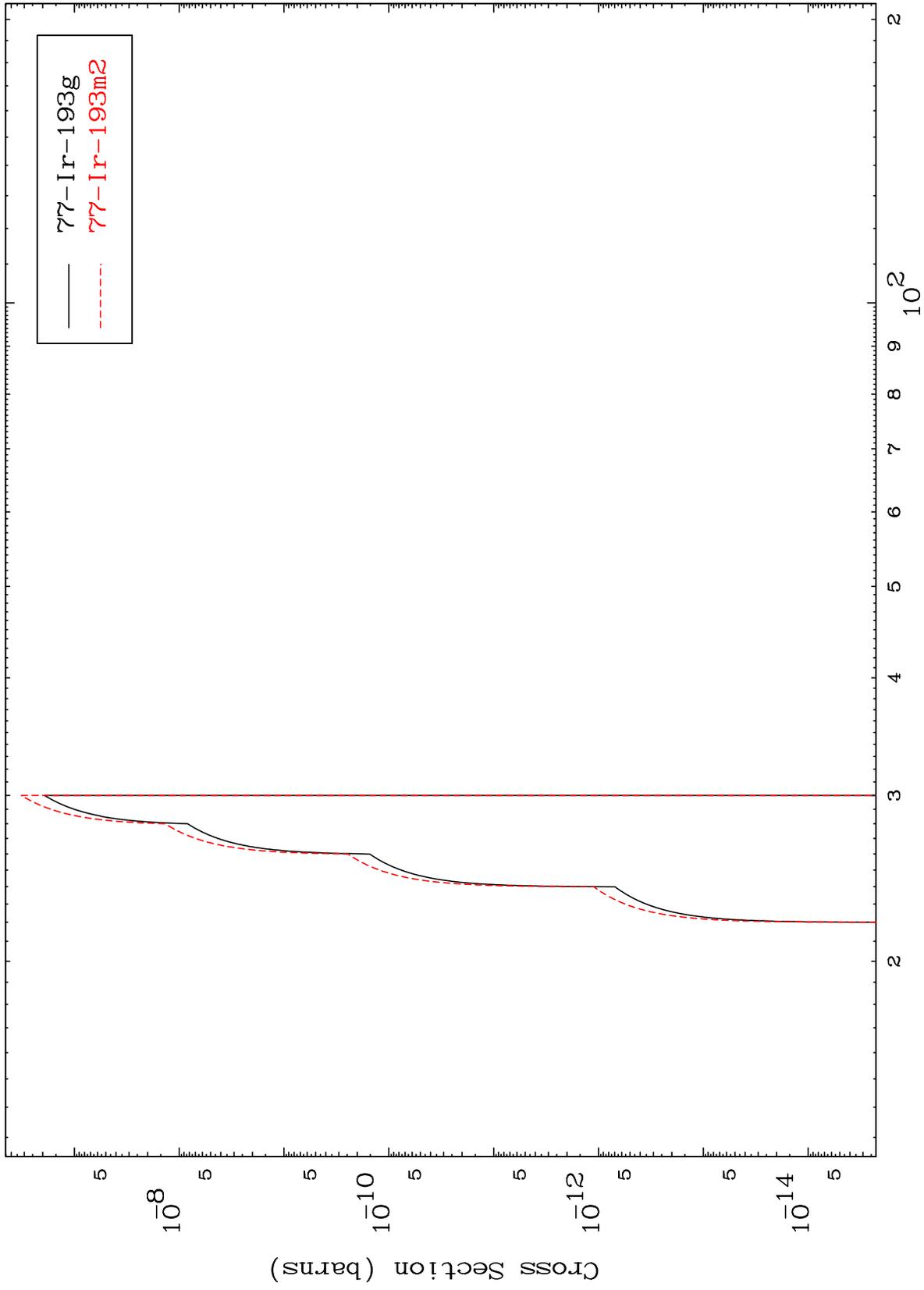
77-Ir-192

MAT 7730

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

77-Ir-192

Radionuclide Production Cross Section



22

Incident Energy (MeV)

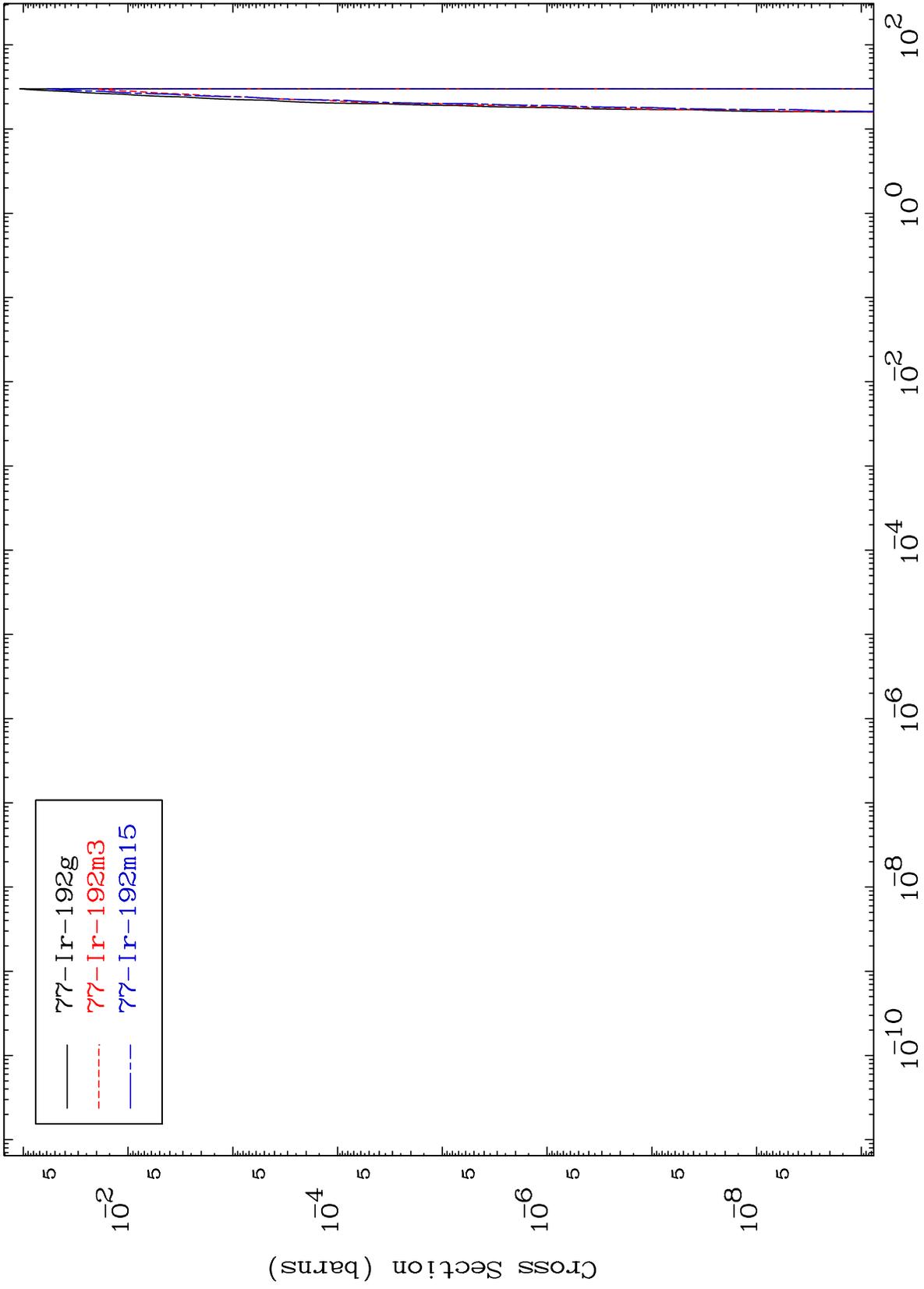
77-Ir-192

MAT 7730

(α, α)

⁷⁷Ir-192

Radionuclide Production Cross Section



23

Incident Energy (MeV)

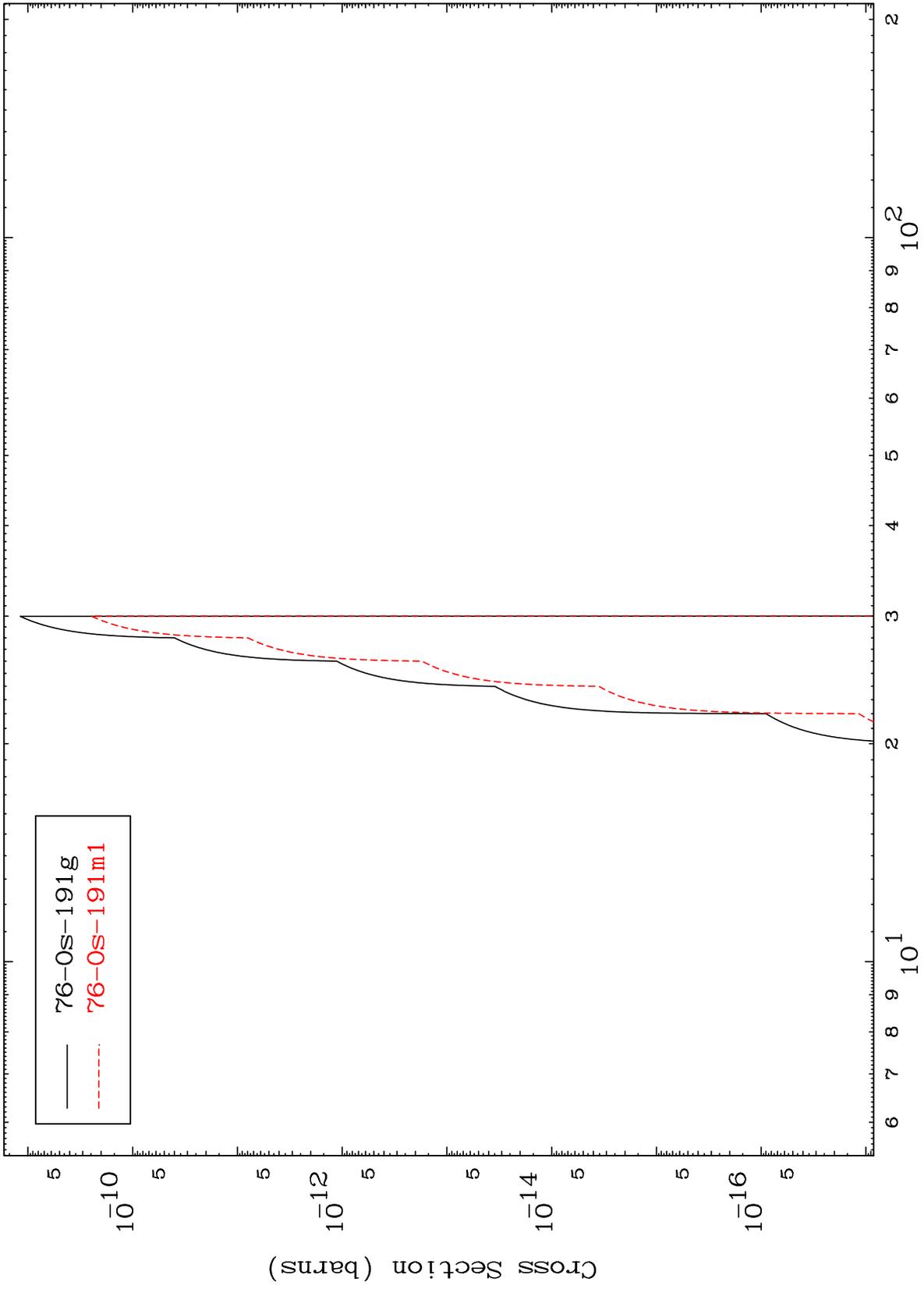
⁷⁷Ir-192

MAT 7730

(α, p) α

77-Ir-192

Radionuclide Production Cross Section



76-Os-191g
76-Os-191m1

24

Incident Energy (MeV)

77-Ir-192