

Program EVALPLOT
(Version 2018-1)

by

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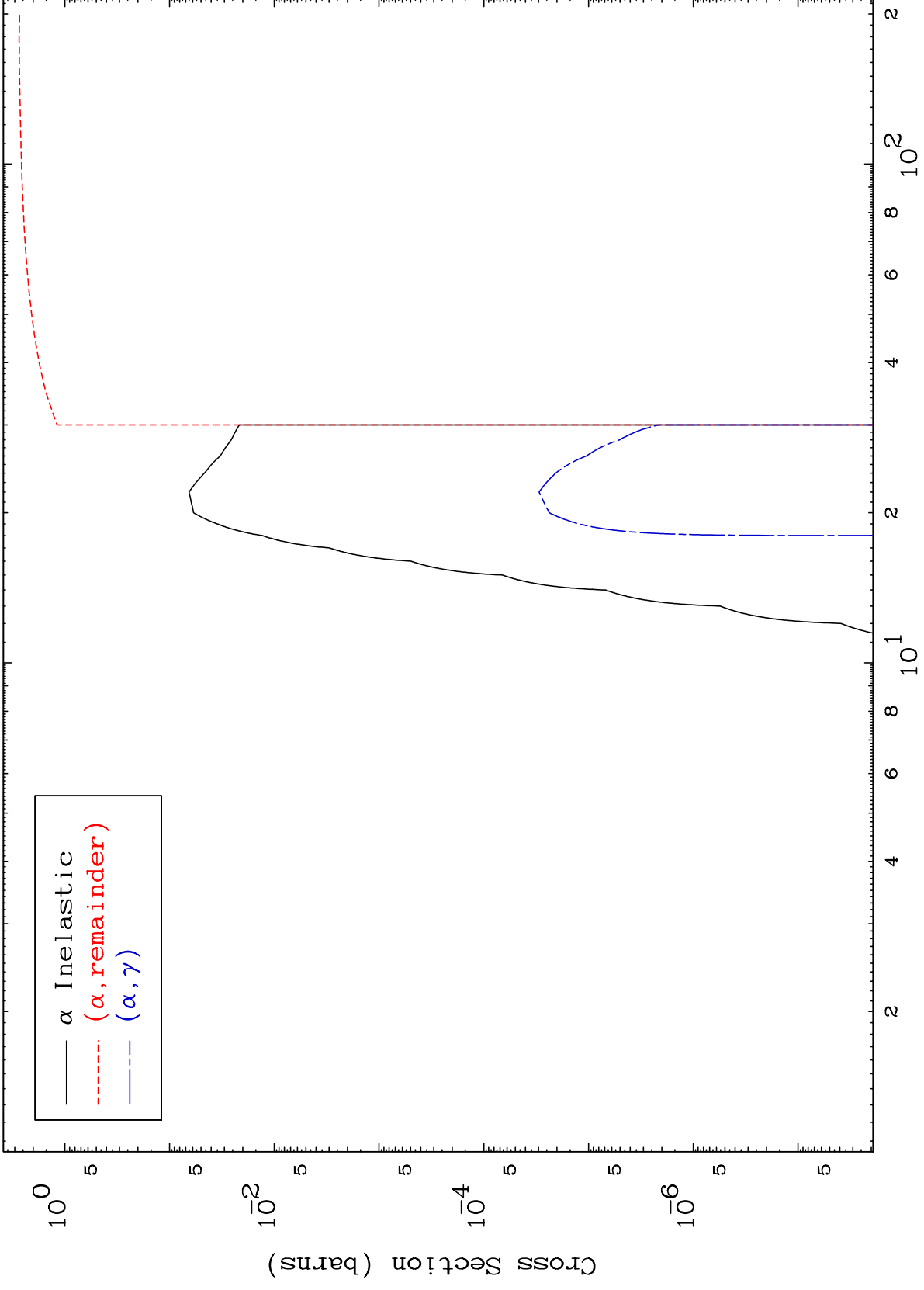
Press Mouse Button to Start

MAT 7730

α Major

77-Ir-192

0 Kelvin Cross Sections

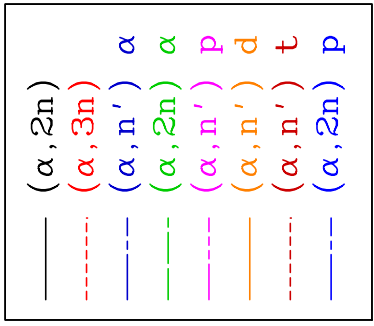
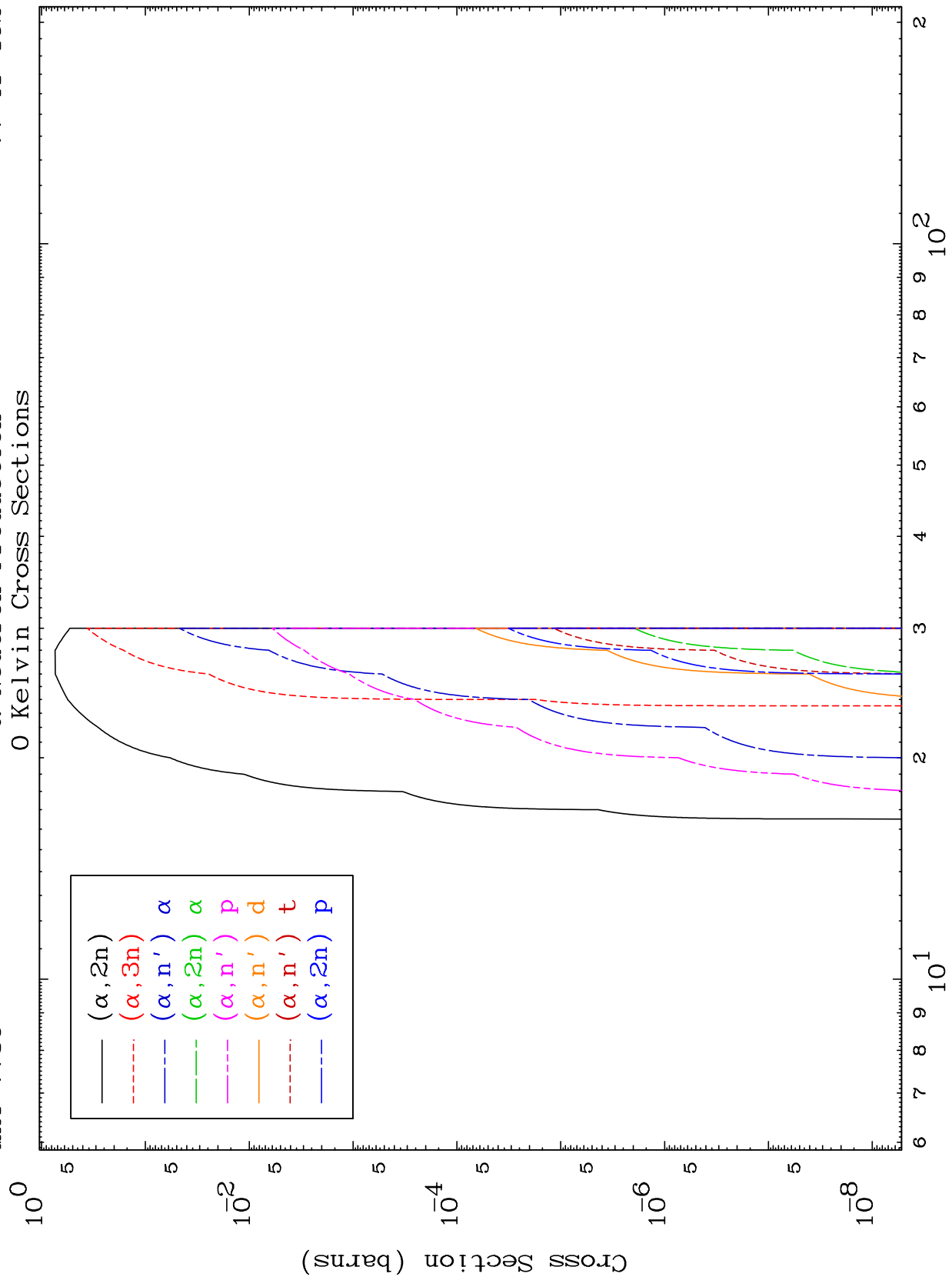


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 7730

α Neutron Production
0 Kelvin Cross Sections

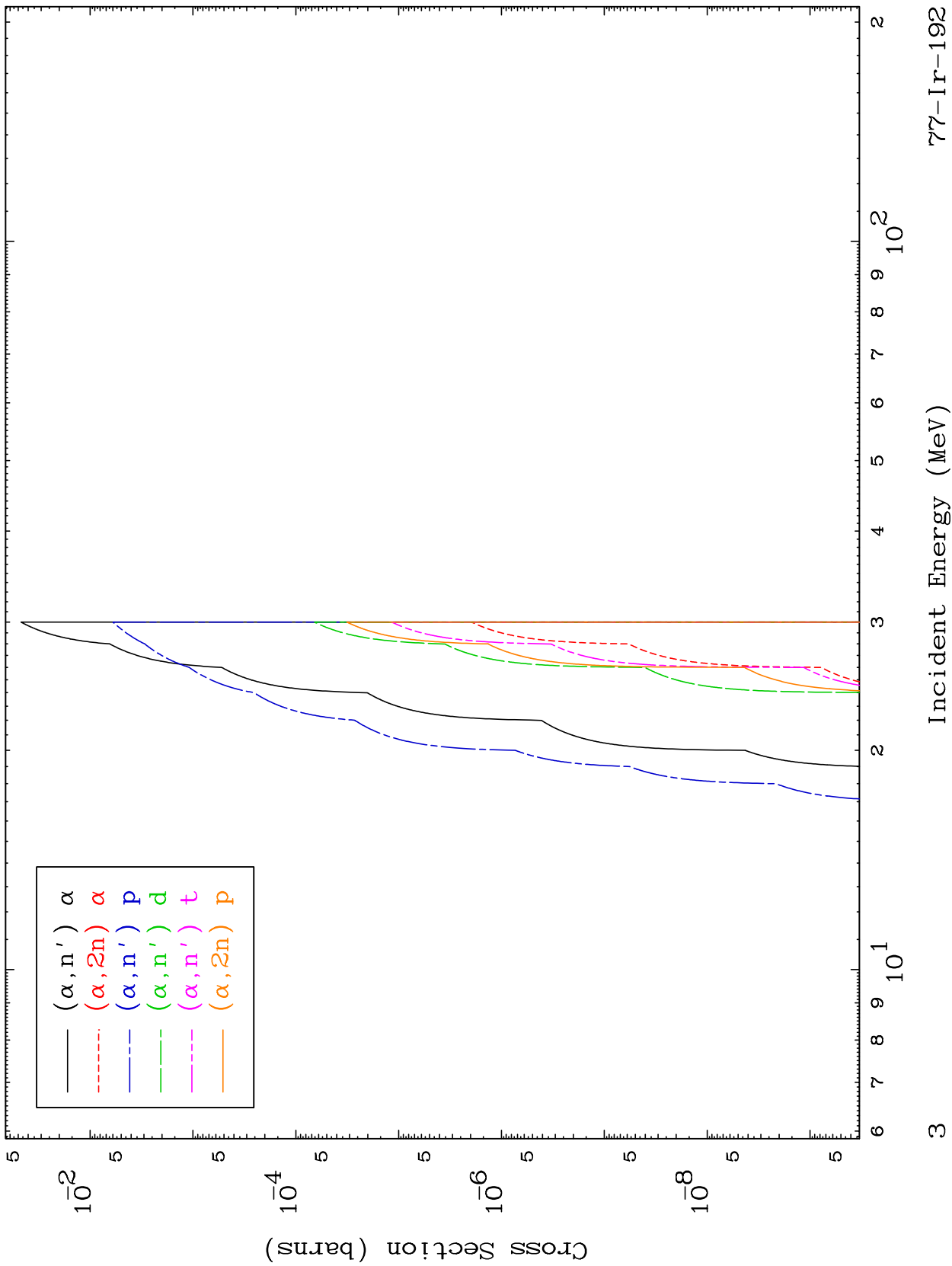
77-Ir-192

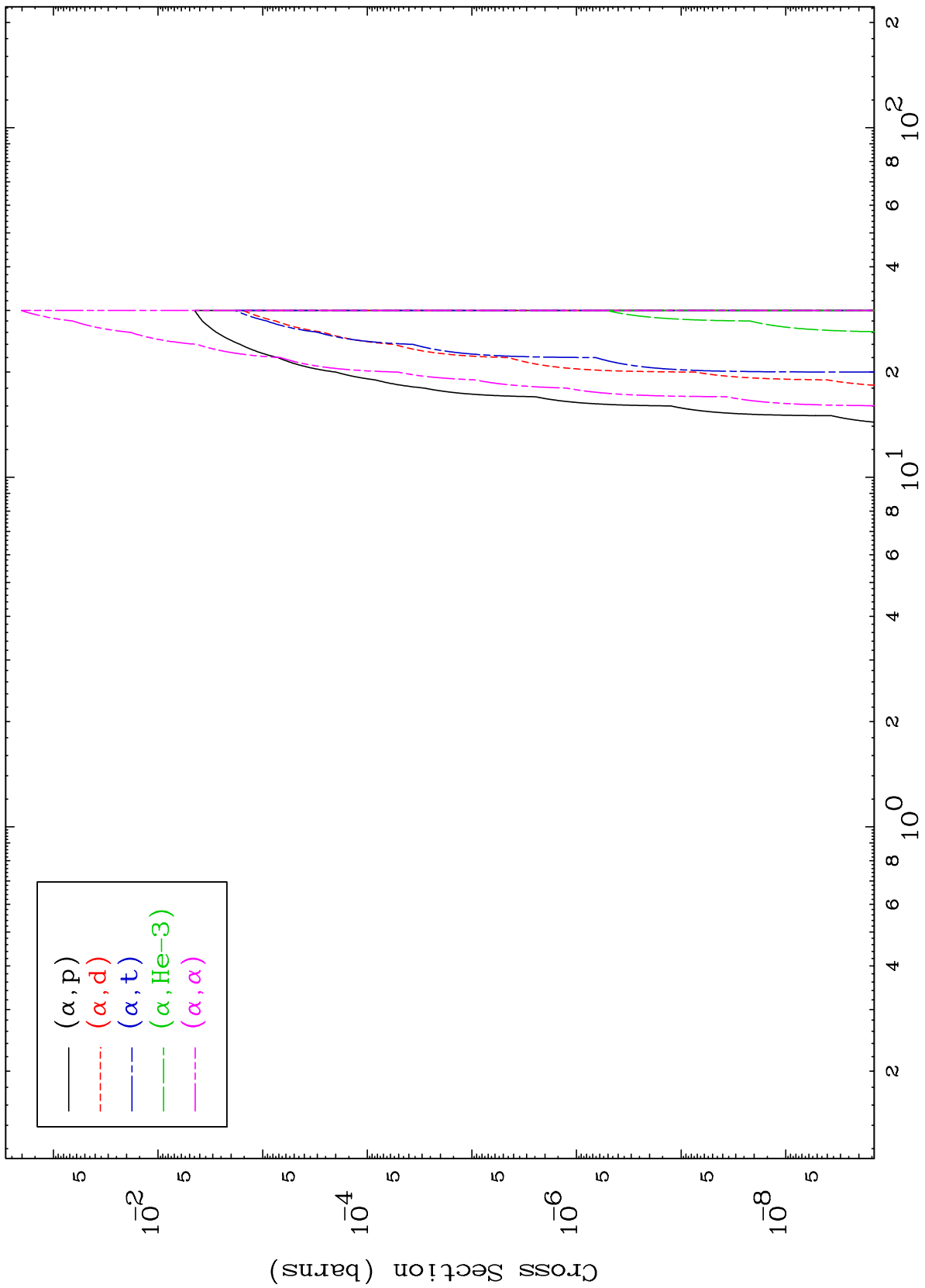


Incident Energy (MeV)

77-Ir-192

2



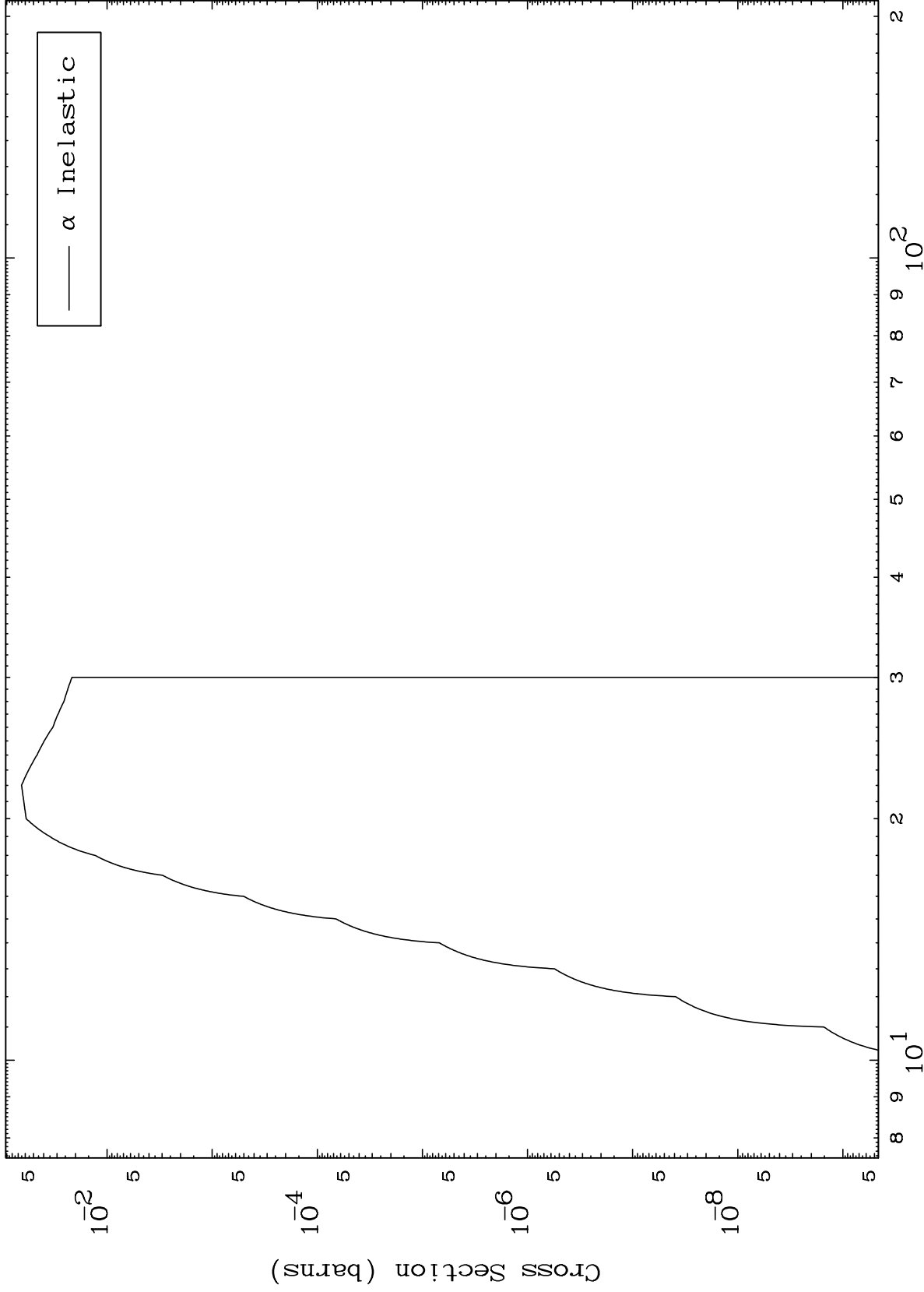


MAT 7730

(α, n') Level

77-Ir-192

0 Kelvin Cross Sections



5

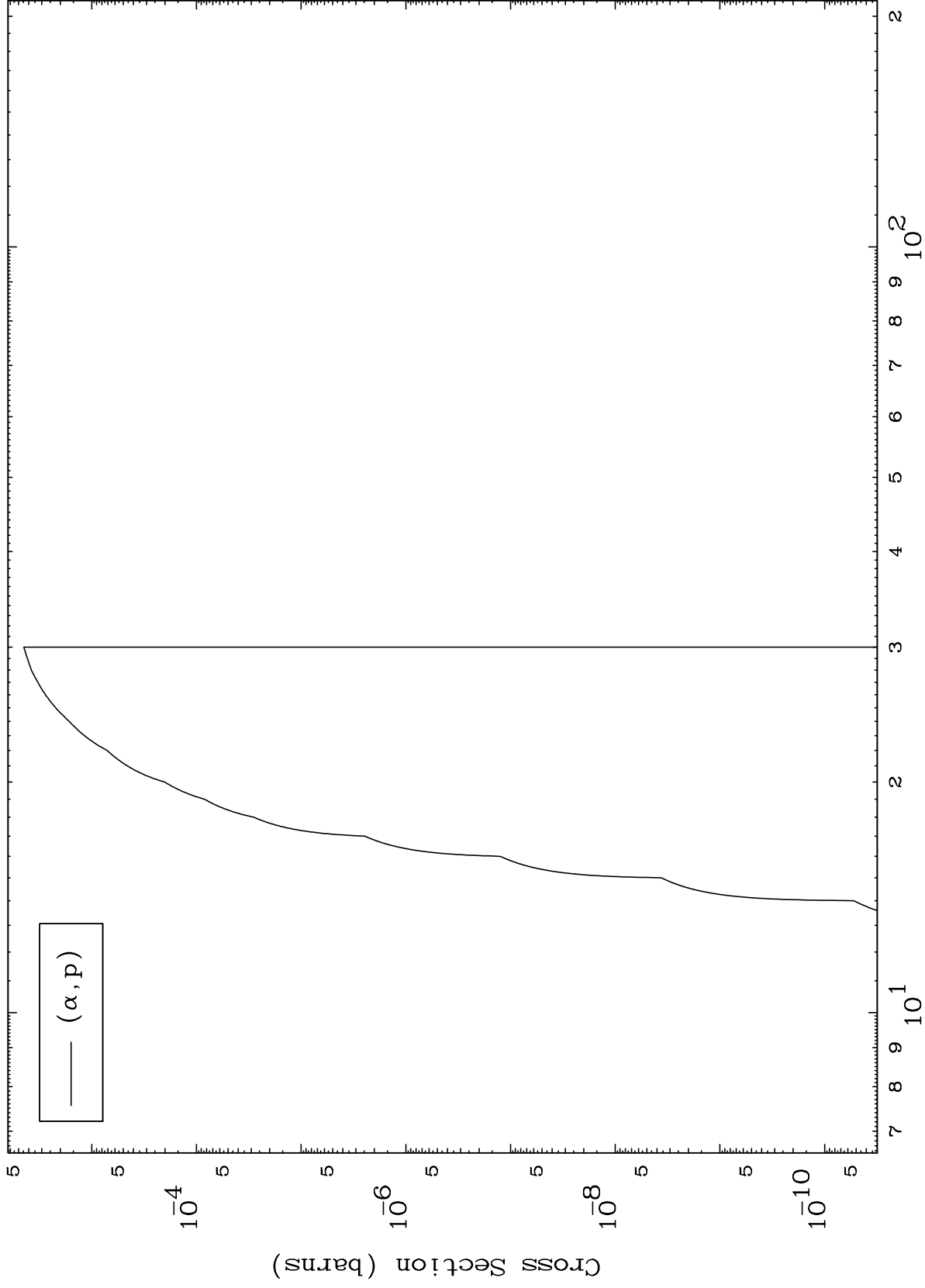
Incident Energy (MeV)

77-Ir-192

MAT 7730

(α, p) Levels
0 Kelvin Cross Sections

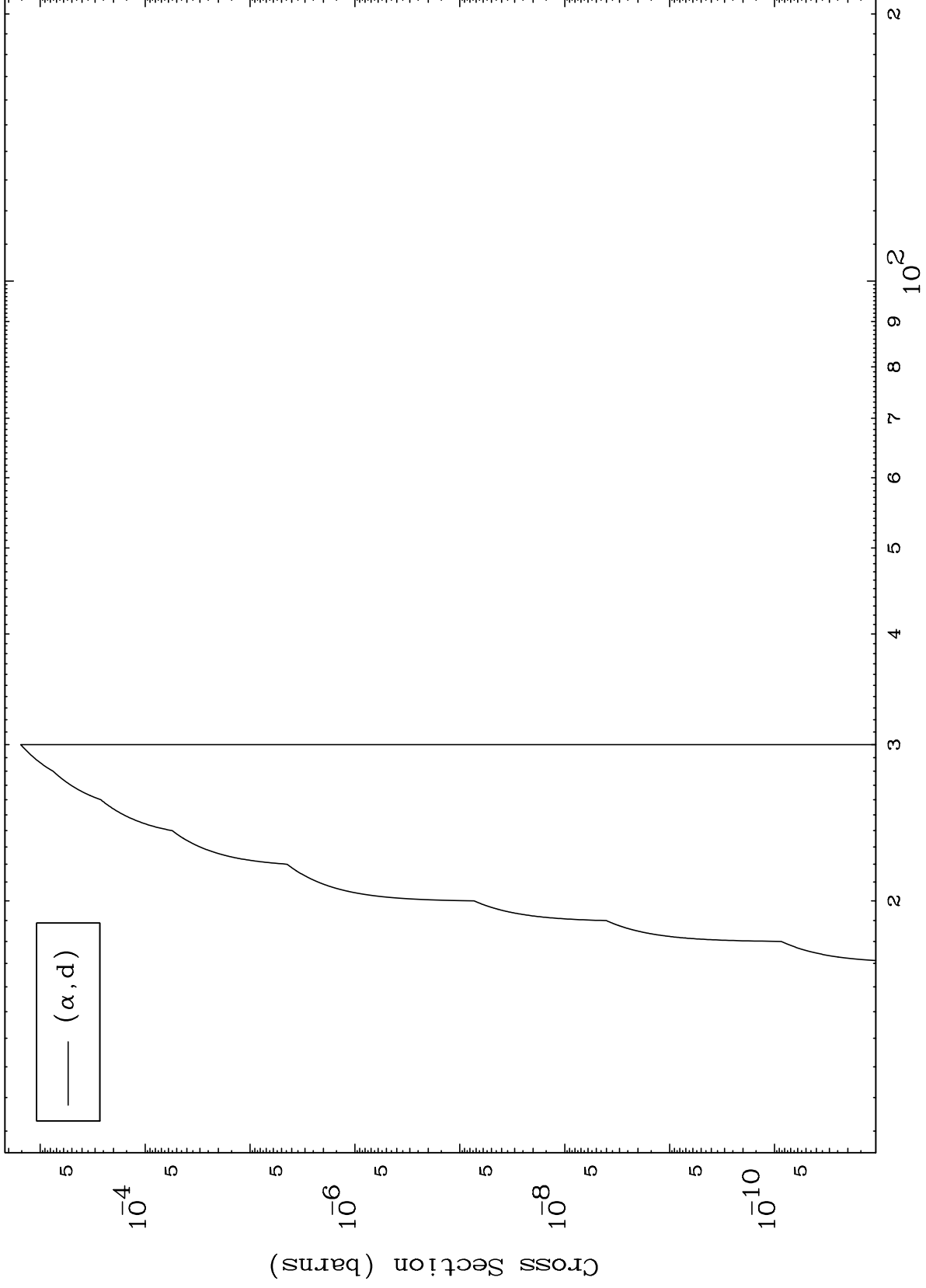
77-Ir-192

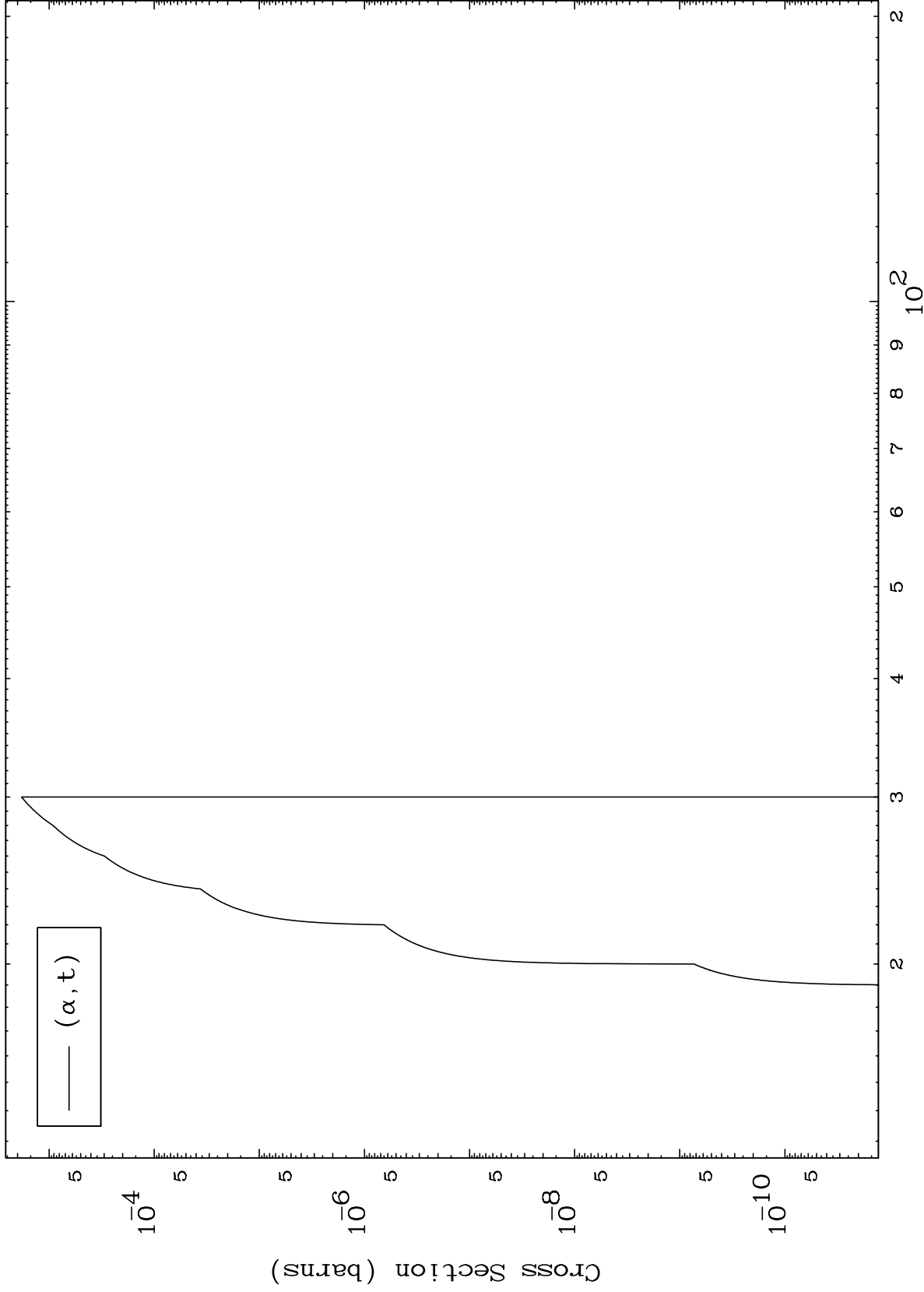


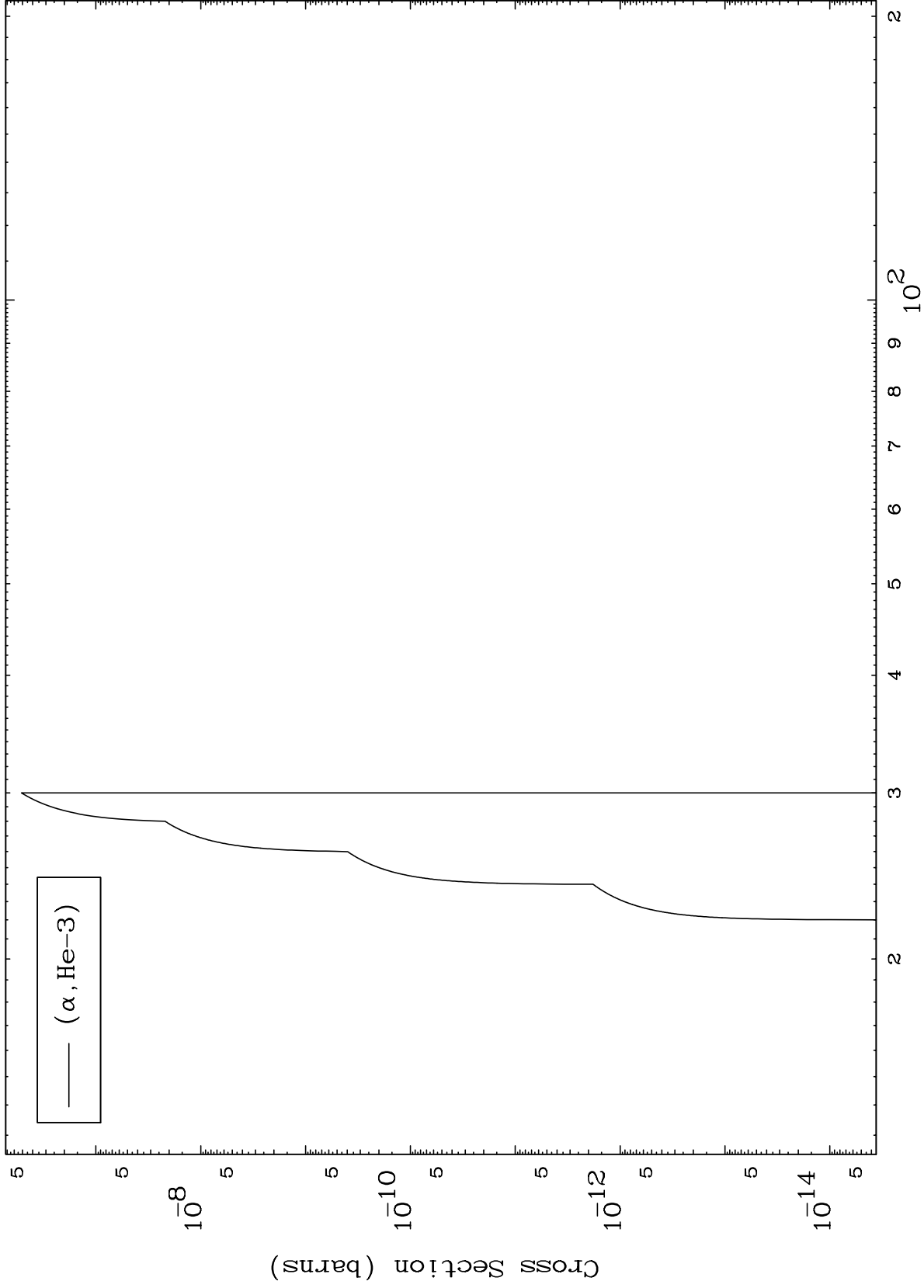
6

Incident Energy (MeV)

77-Ir-192





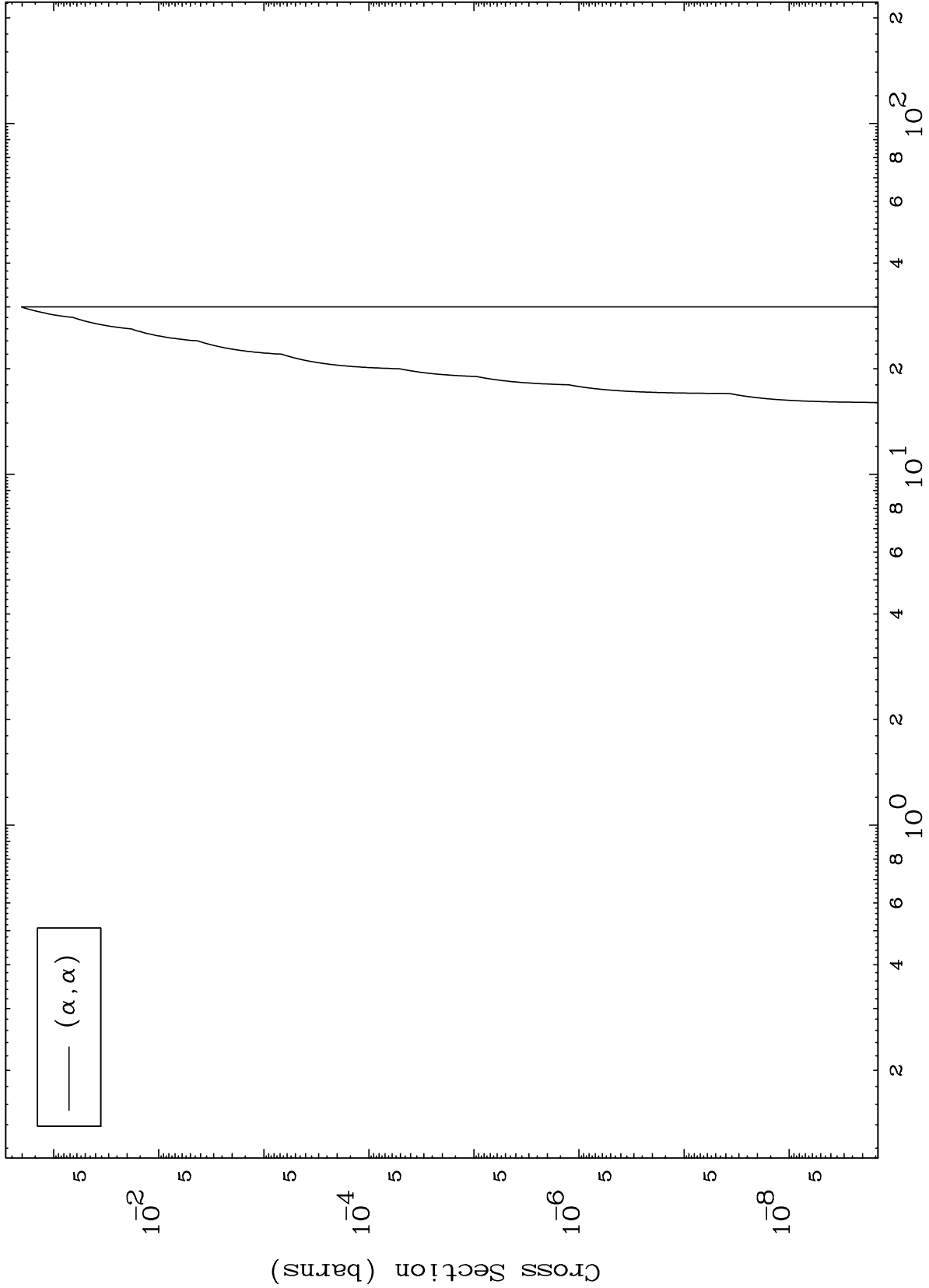


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(α, α) Levels

77-Ir-192

0 Kelvin Cross Sections



10

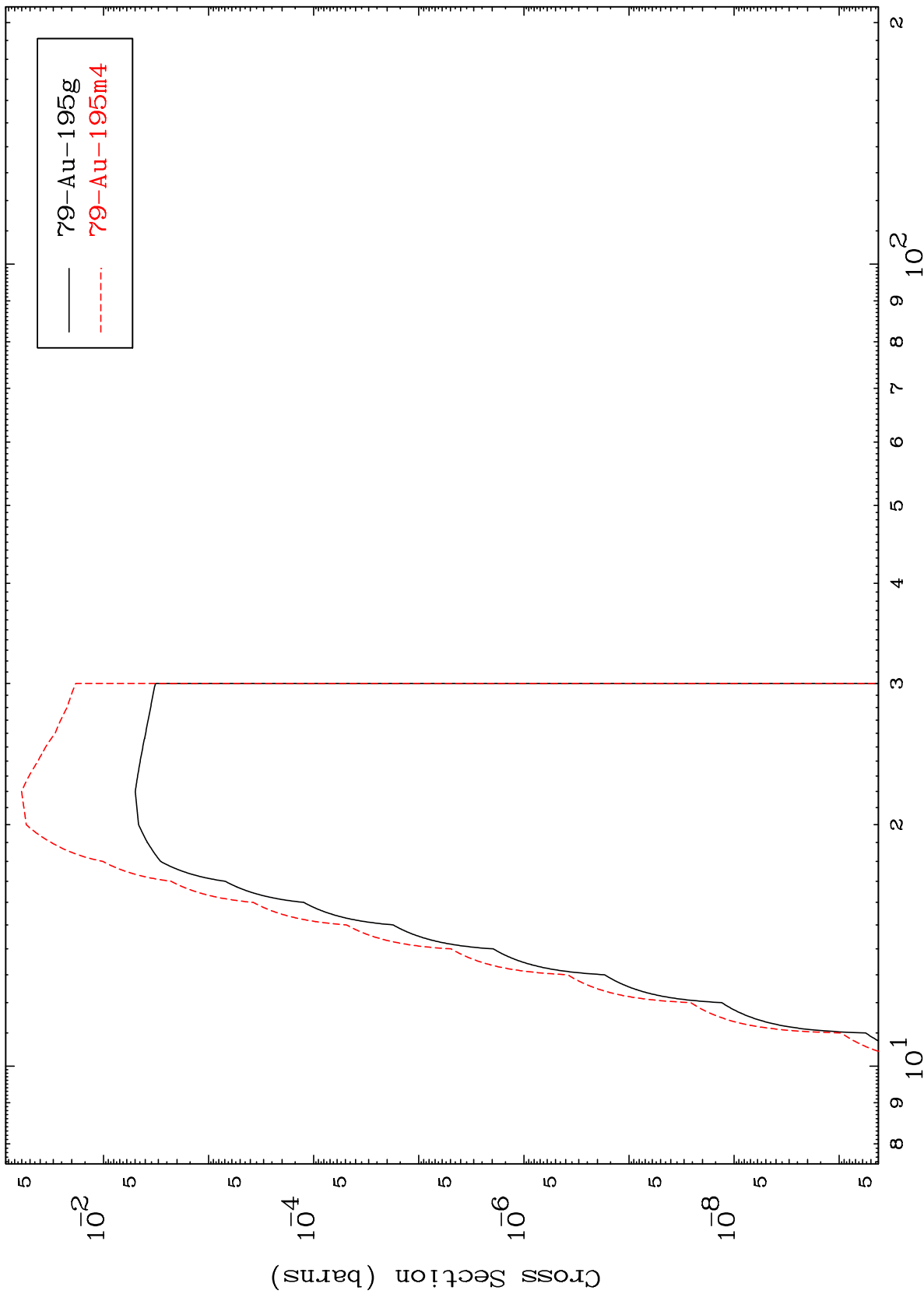
Incident Energy (MeV)

77-Ir-192

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77-Ir-192

Radionuclide Production Cross Section
 α Inelastic



77-Ir-192

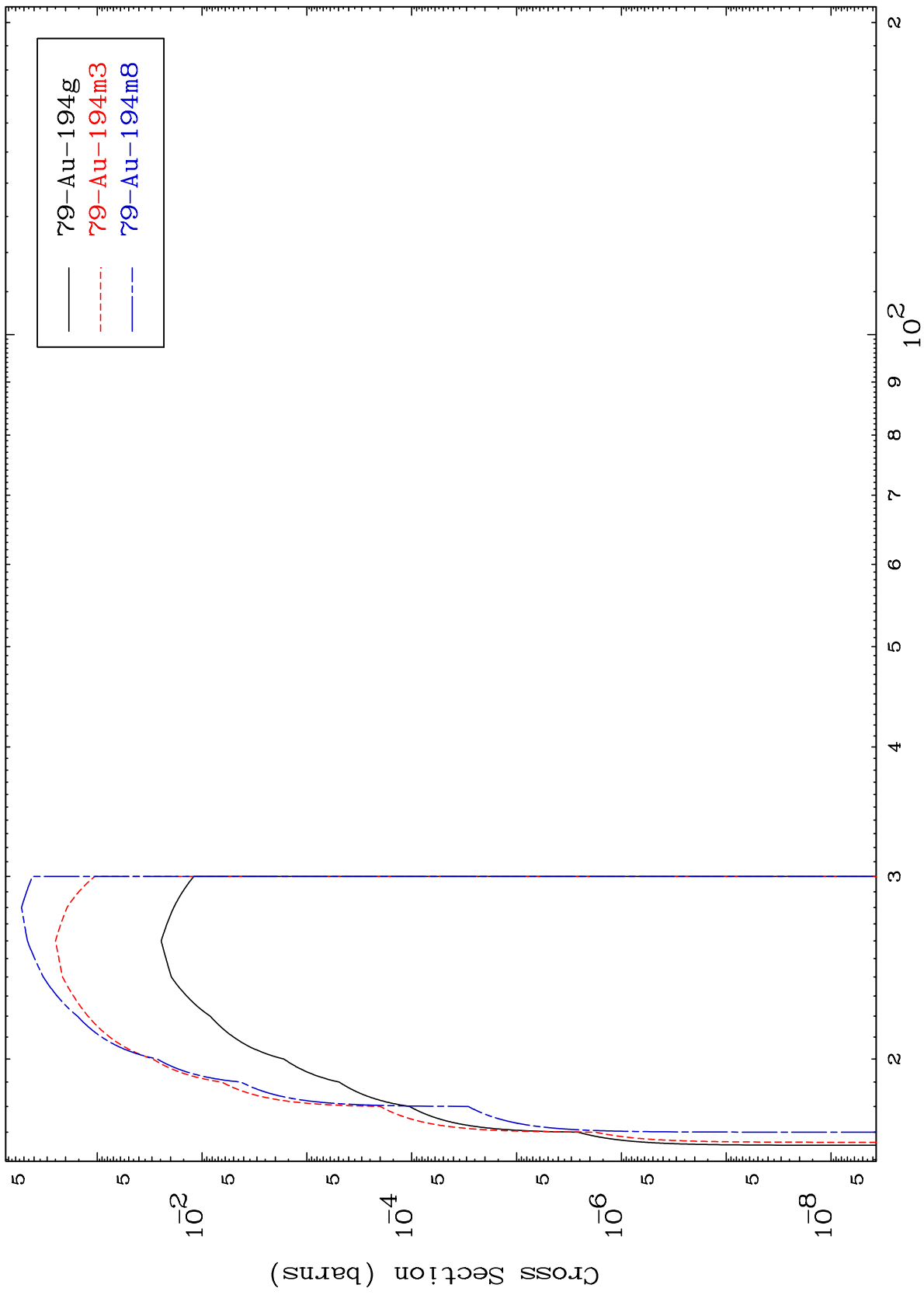
Incident Energy (MeV)

11

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77-Ir-192

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

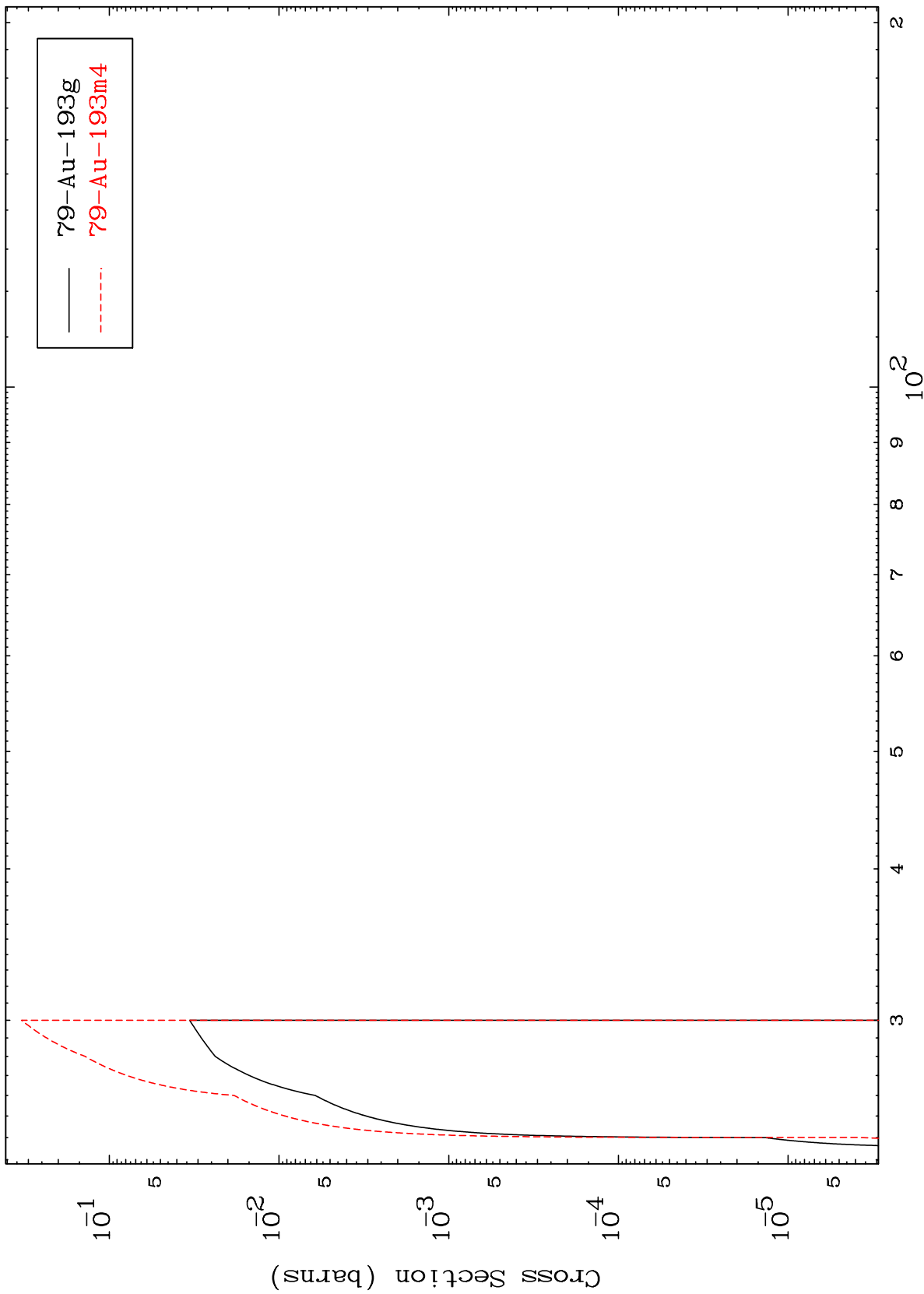


77-Ir-192

Incident Energy (MeV)

12

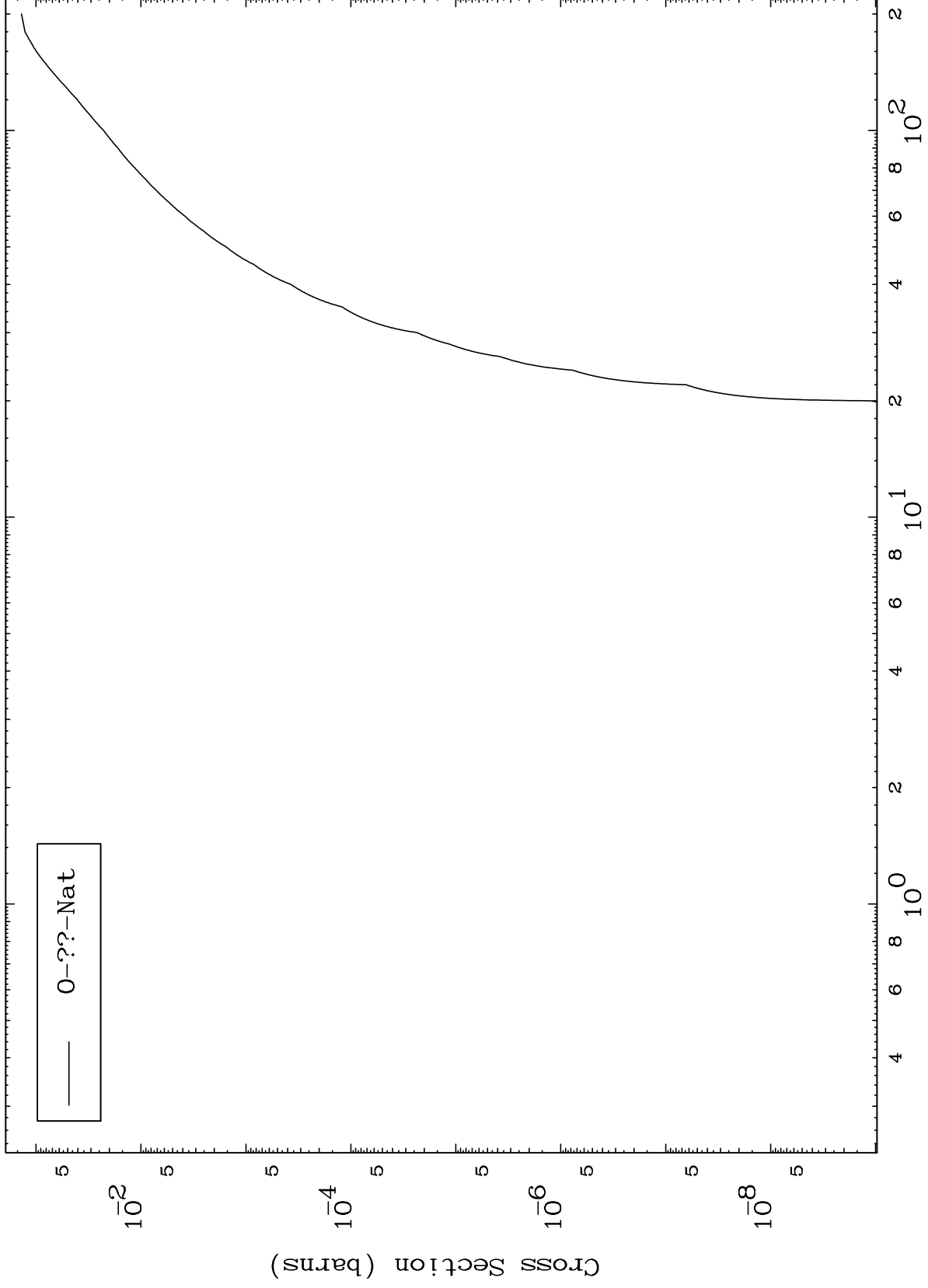
($\alpha, 3n$)
Radionuclide Production Cross Section



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α Fission
Radionuclide Production Cross Section

77-Ir-192



14

Incident Energy (MeV)

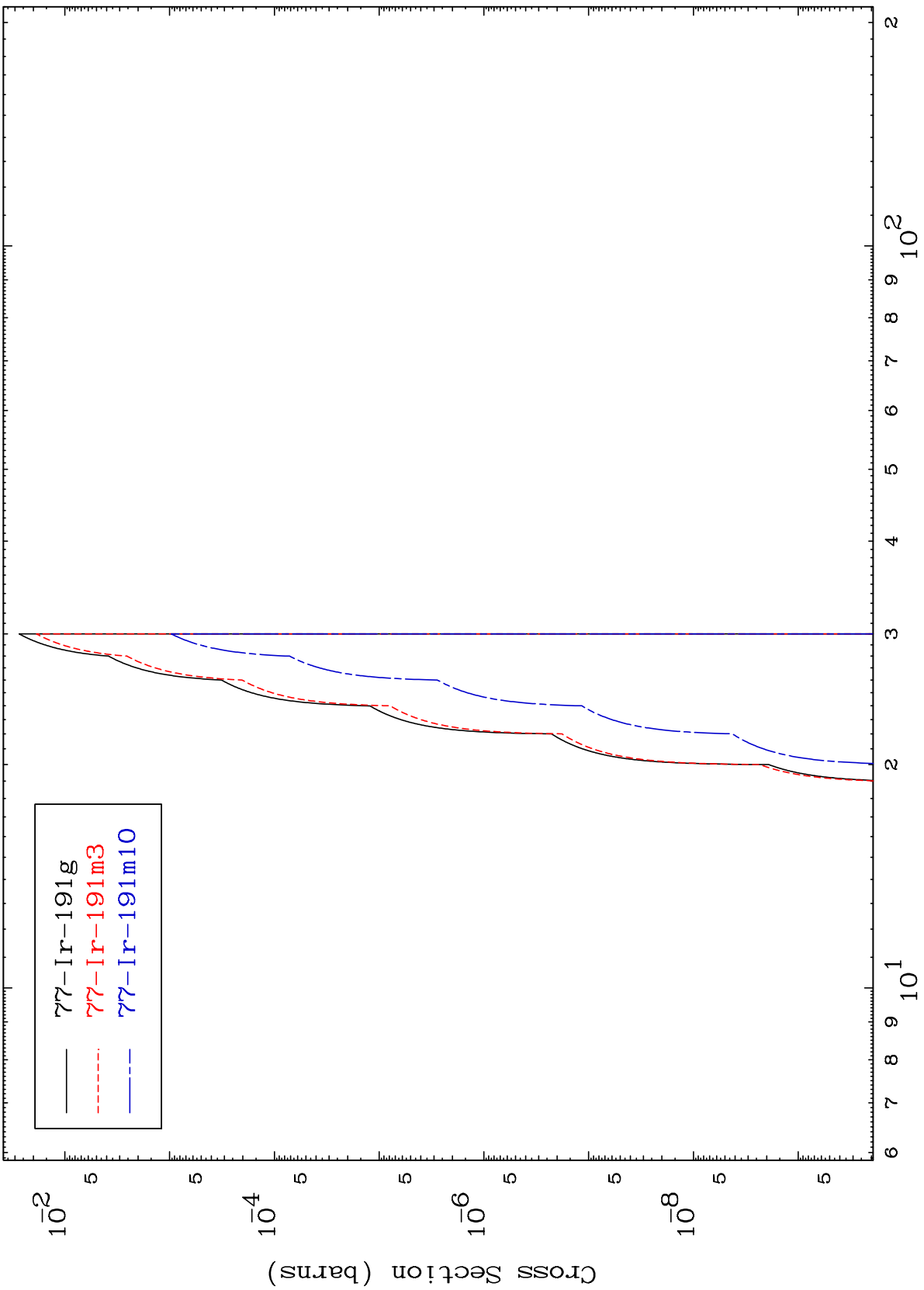
77-Ir-192

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(α, n') α

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

Radionuclide Production Cross Section



15

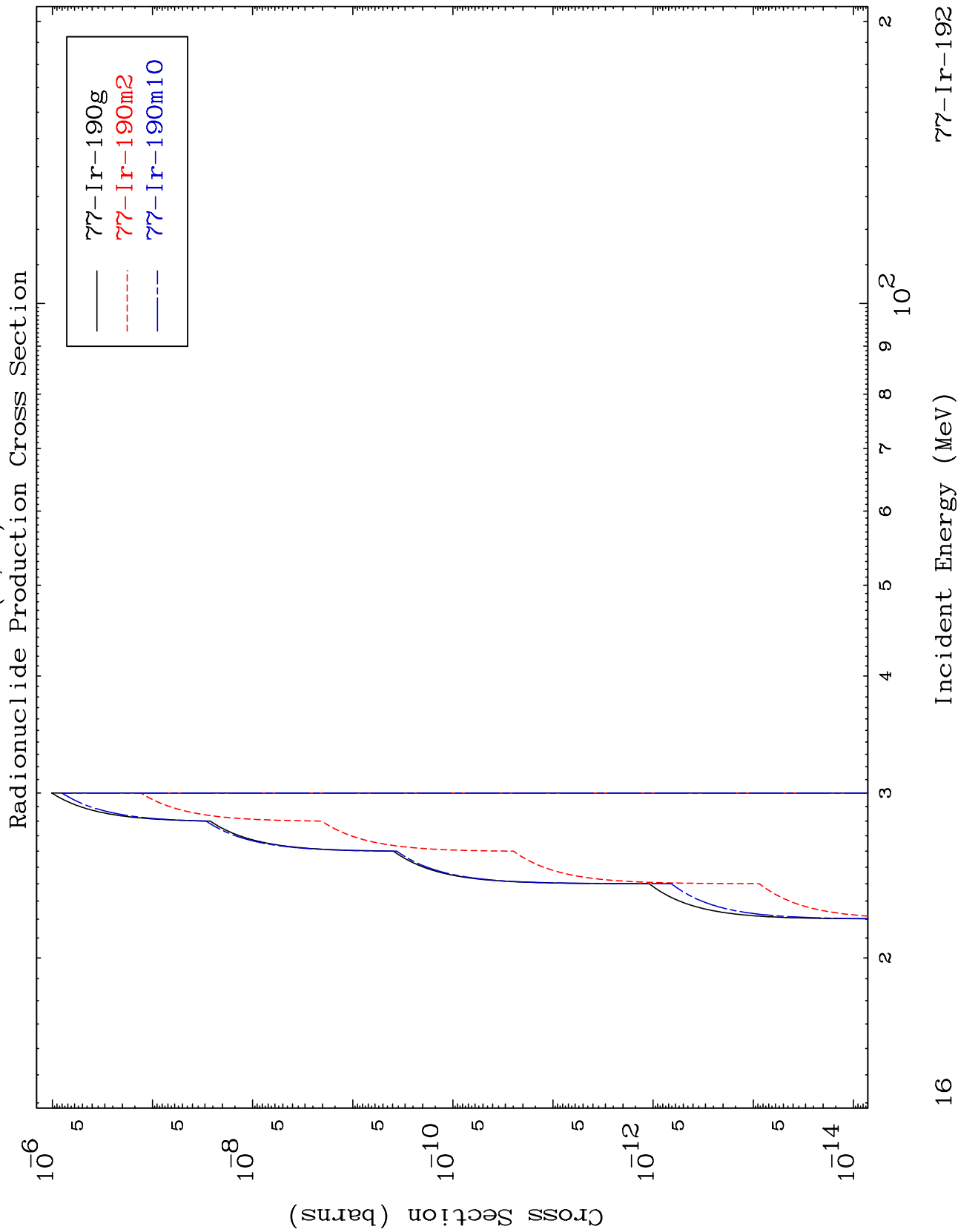
Incident Energy (MeV)

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

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$(\alpha, 2n) \alpha$

77-Ir-192



16

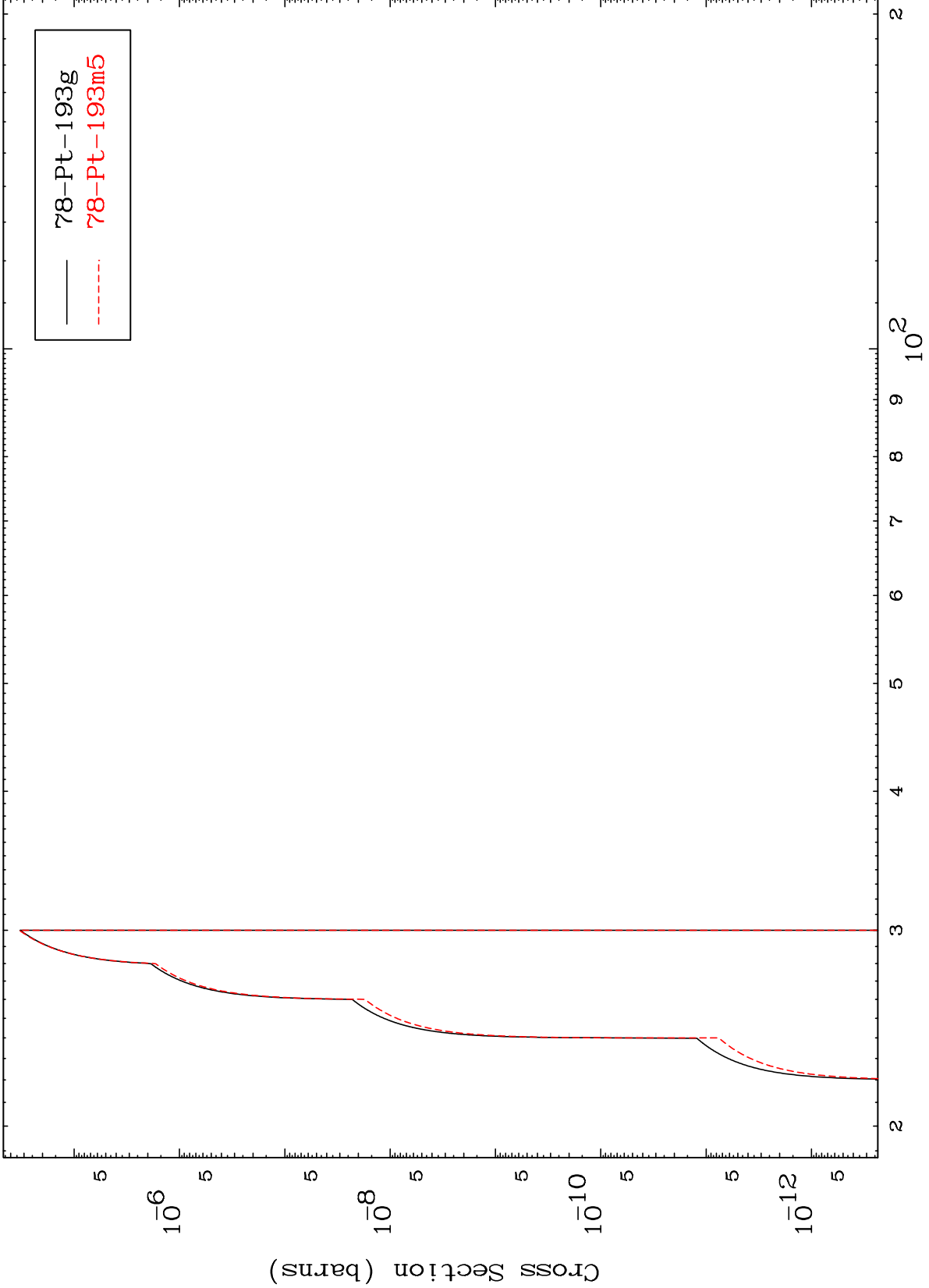
77-Ir-192

MAT 7730

(α, n') d

77-Ir-192

Radionuclide Production Cross Section



17

Incident Energy (MeV)

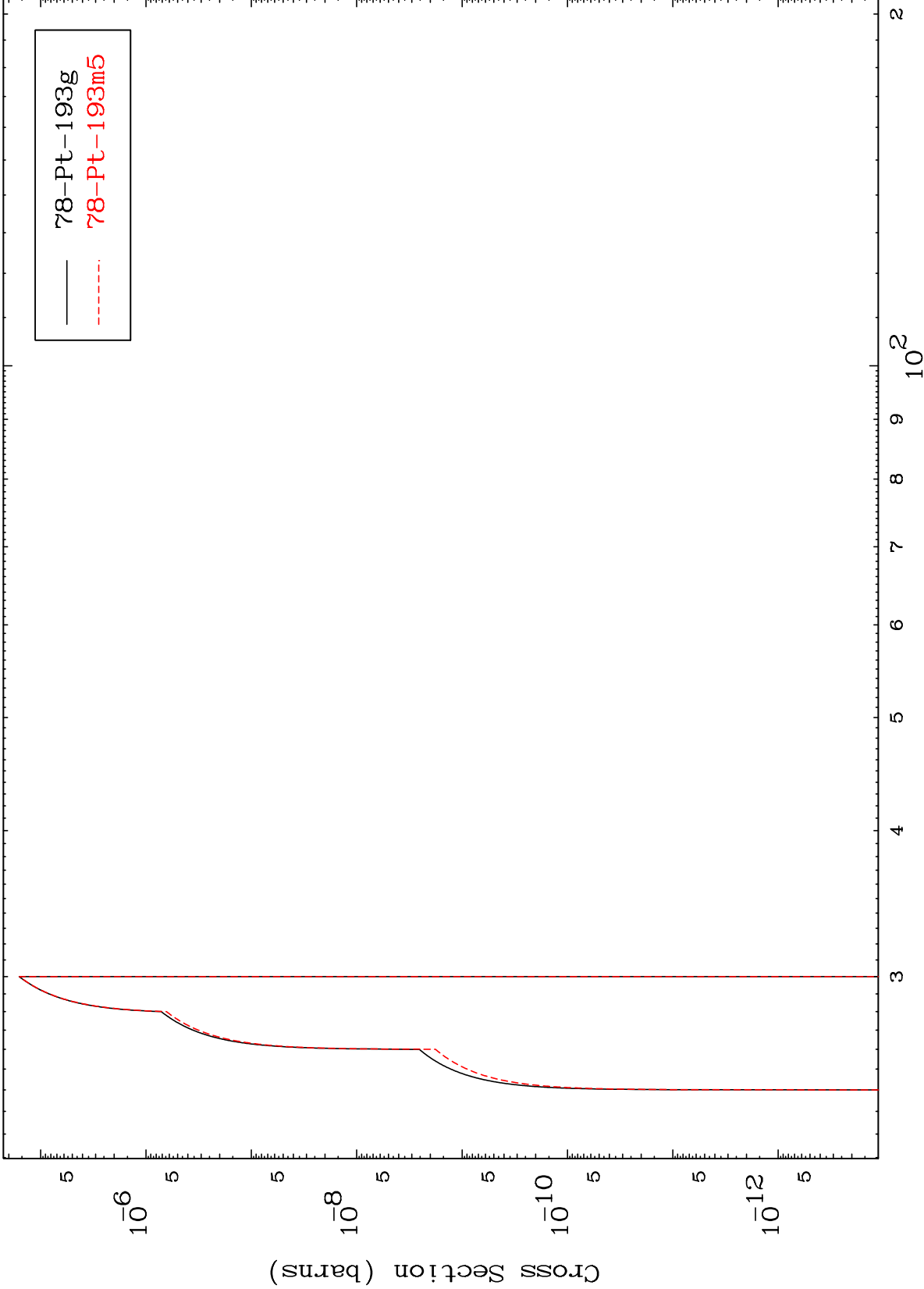
77-Ir-192

MAT 7730

$(\alpha, 2n)$ p

77-Ir-192

Radionuclide Production Cross Section



18

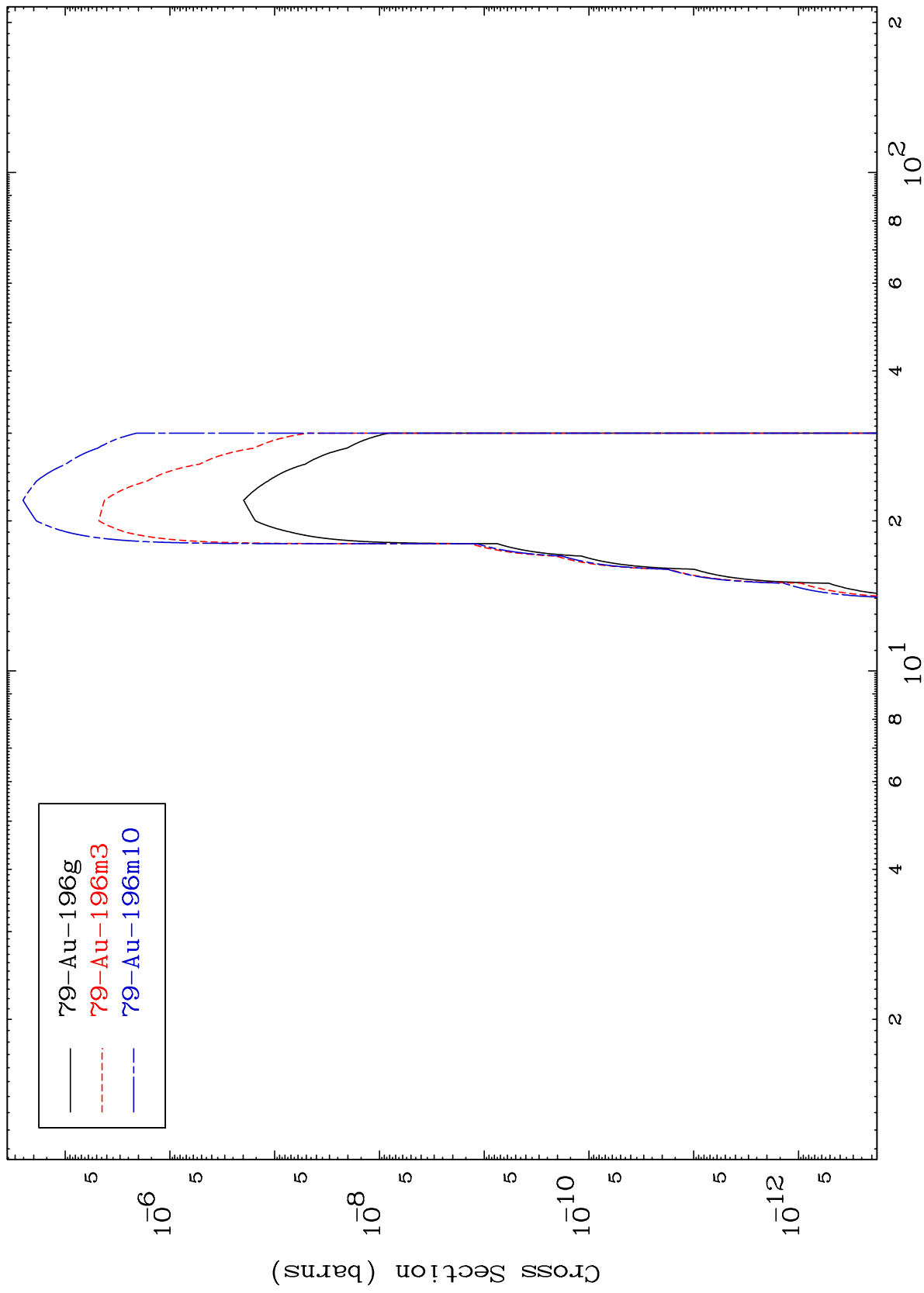
Incident Energy (MeV)

77-Ir-192

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77-Ir-192

(α, γ)
Radionuclide Production Cross Section



19

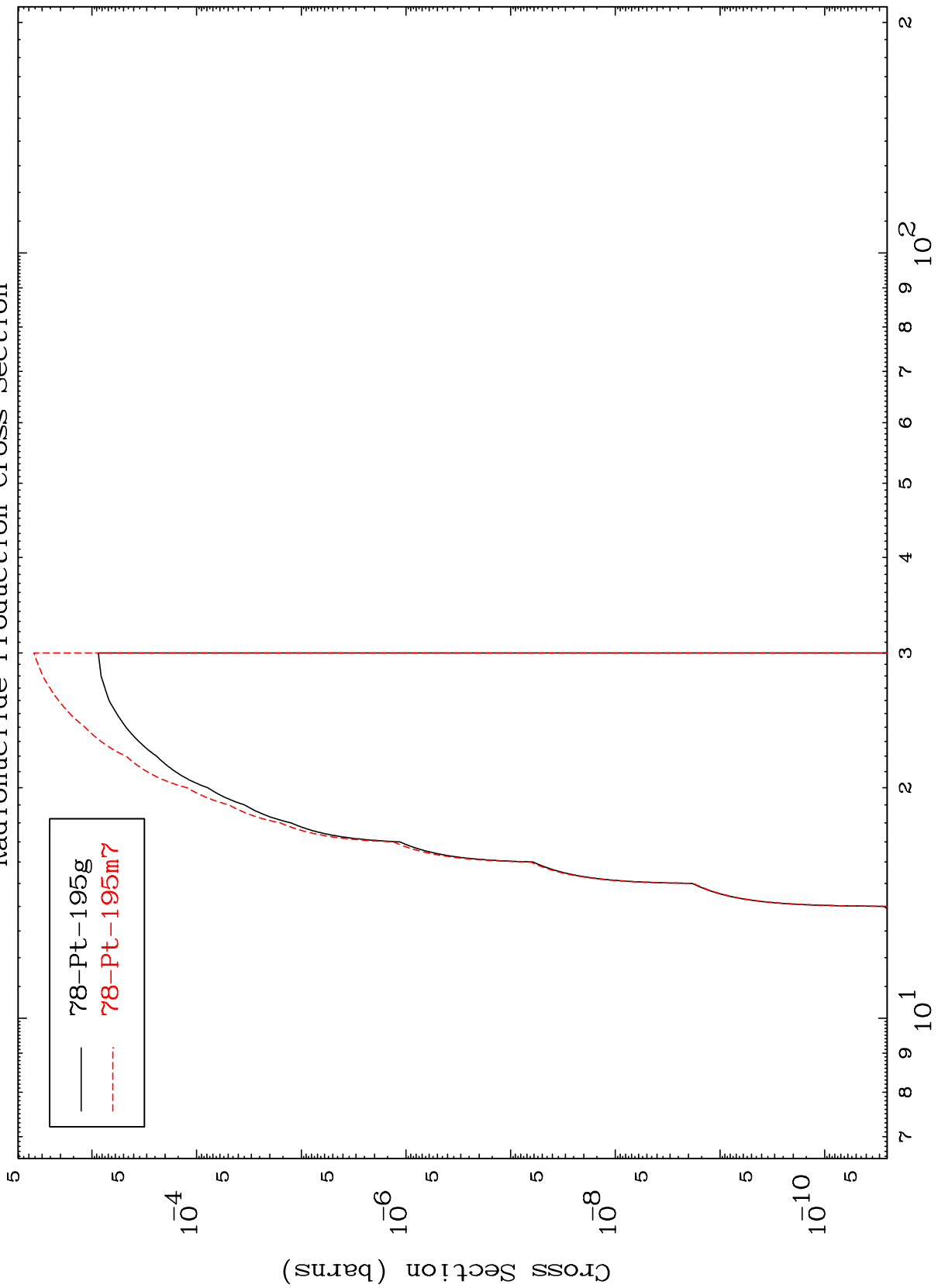
Incident Energy (MeV)

77-Ir-192

MAT 7730

77-Ir-192

(α, p)
Radionuclide Production Cross Section



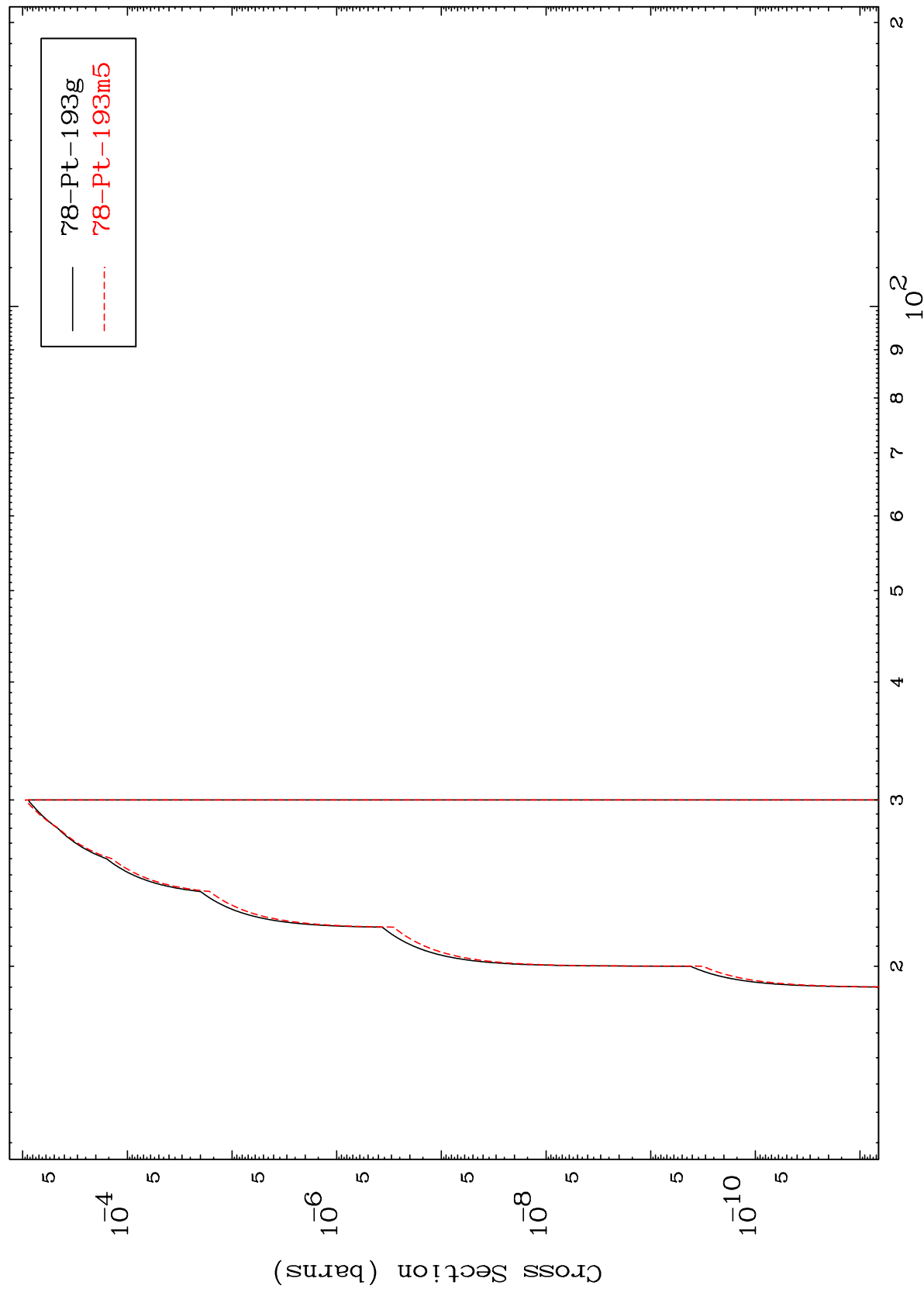
78-Pt-195g
78-Pt-195m7

20

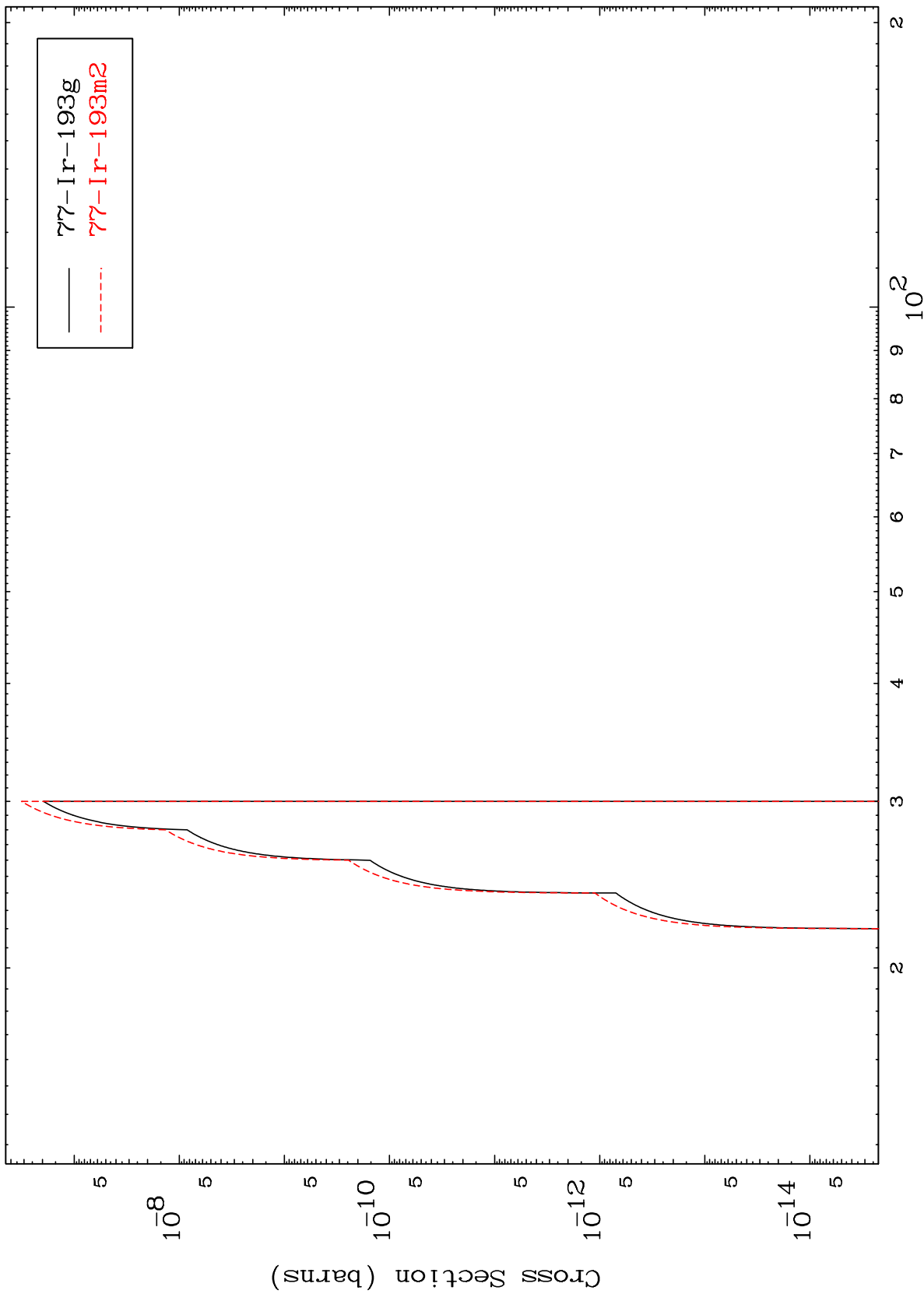
Incident Energy (MeV)

77-Ir-192

Radionuclide Production Cross Section



($\alpha, \text{He-3}$)
Radionuclide Production Cross Section

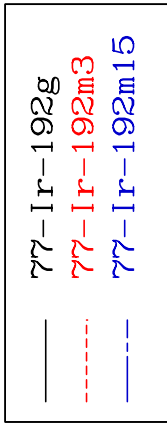
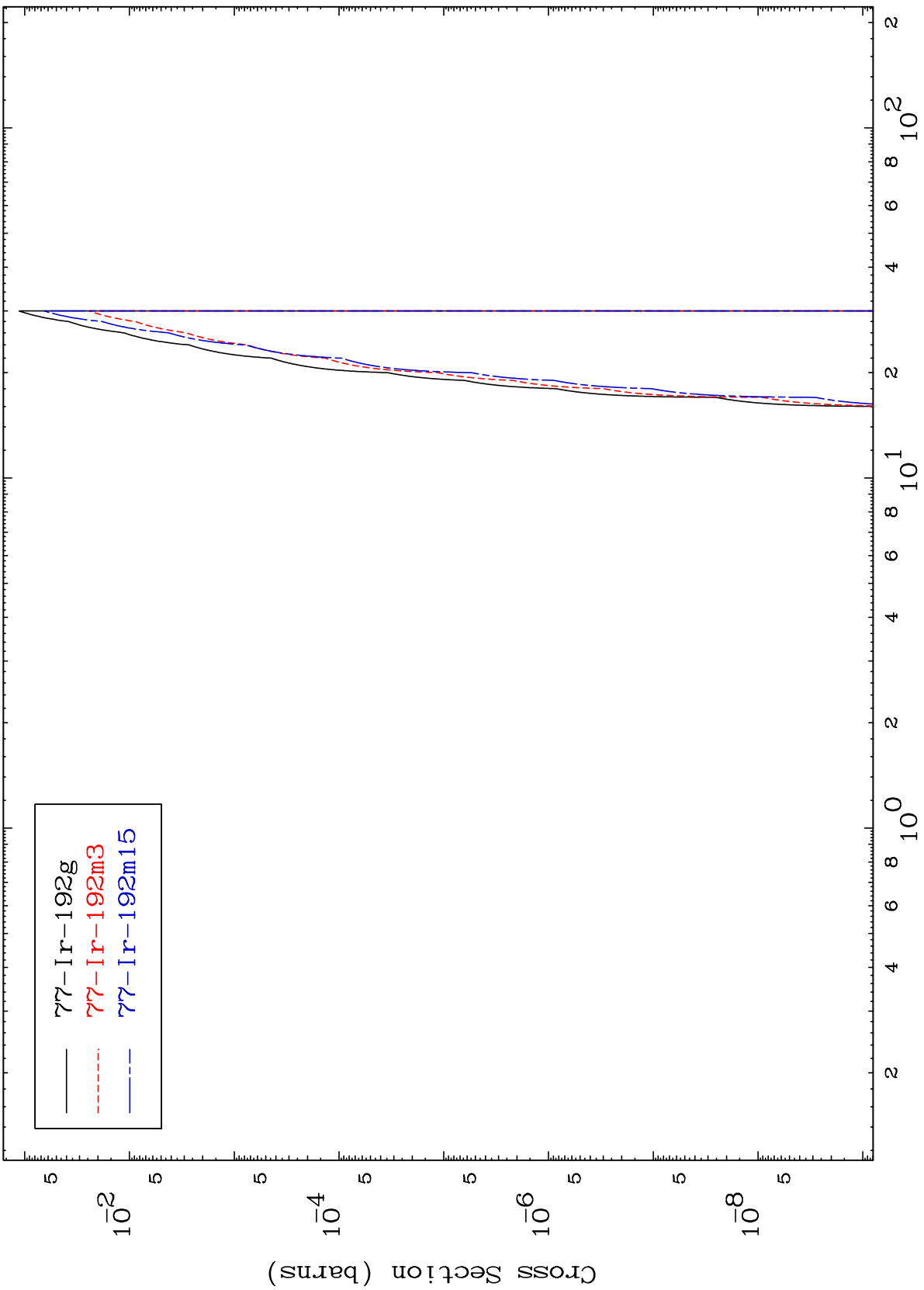


MAT 7730

(α, α)

⁷⁷Ir-192

Radionuclide Production Cross Section



Incident Energy (MeV)

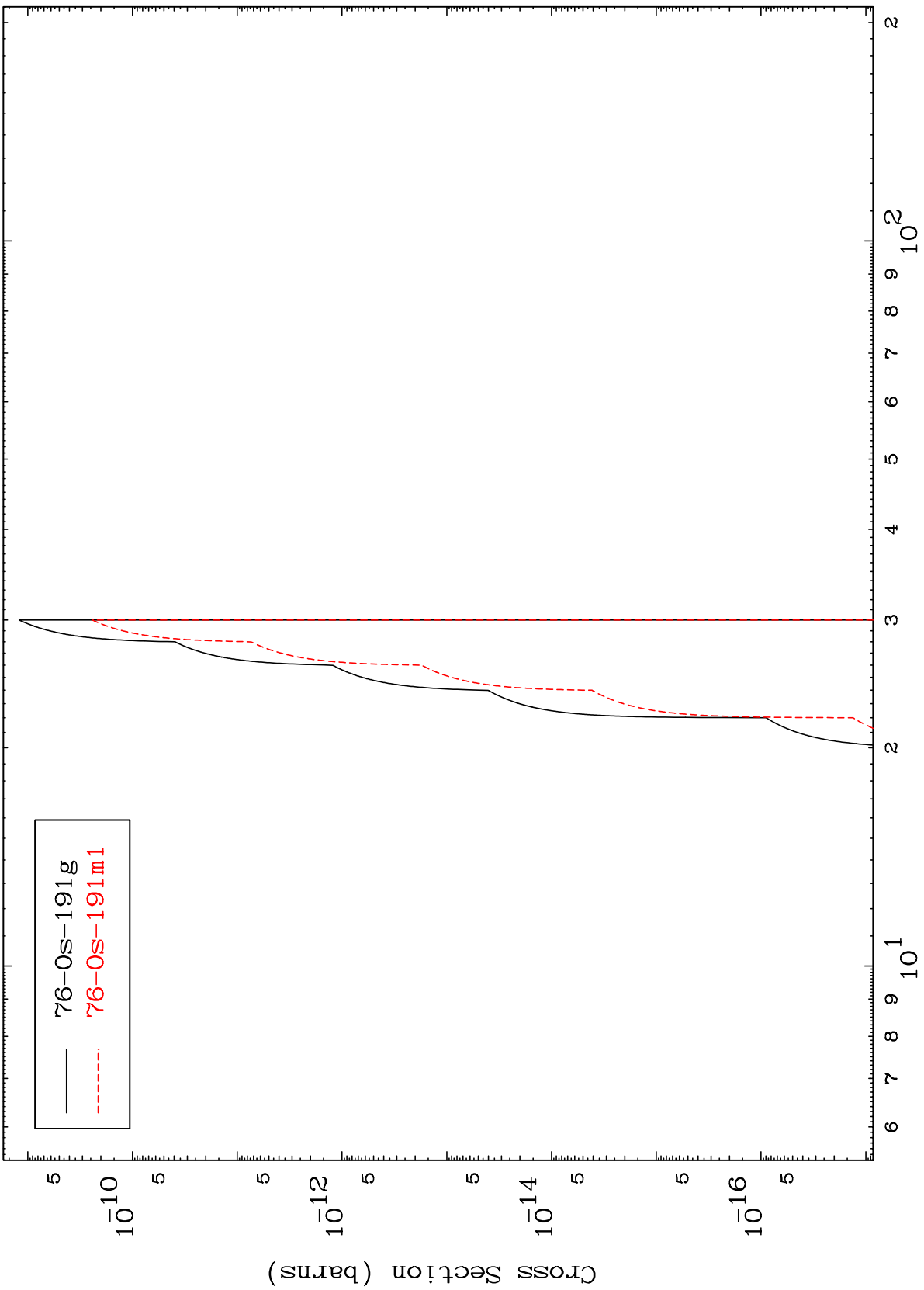
⁷⁷Ir-192

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$(\alpha, p) \alpha$

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

Radionuclide Production Cross Section



24

Incident Energy (MeV)

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