

Program EVALPLOT
(Version 2018-1)

by

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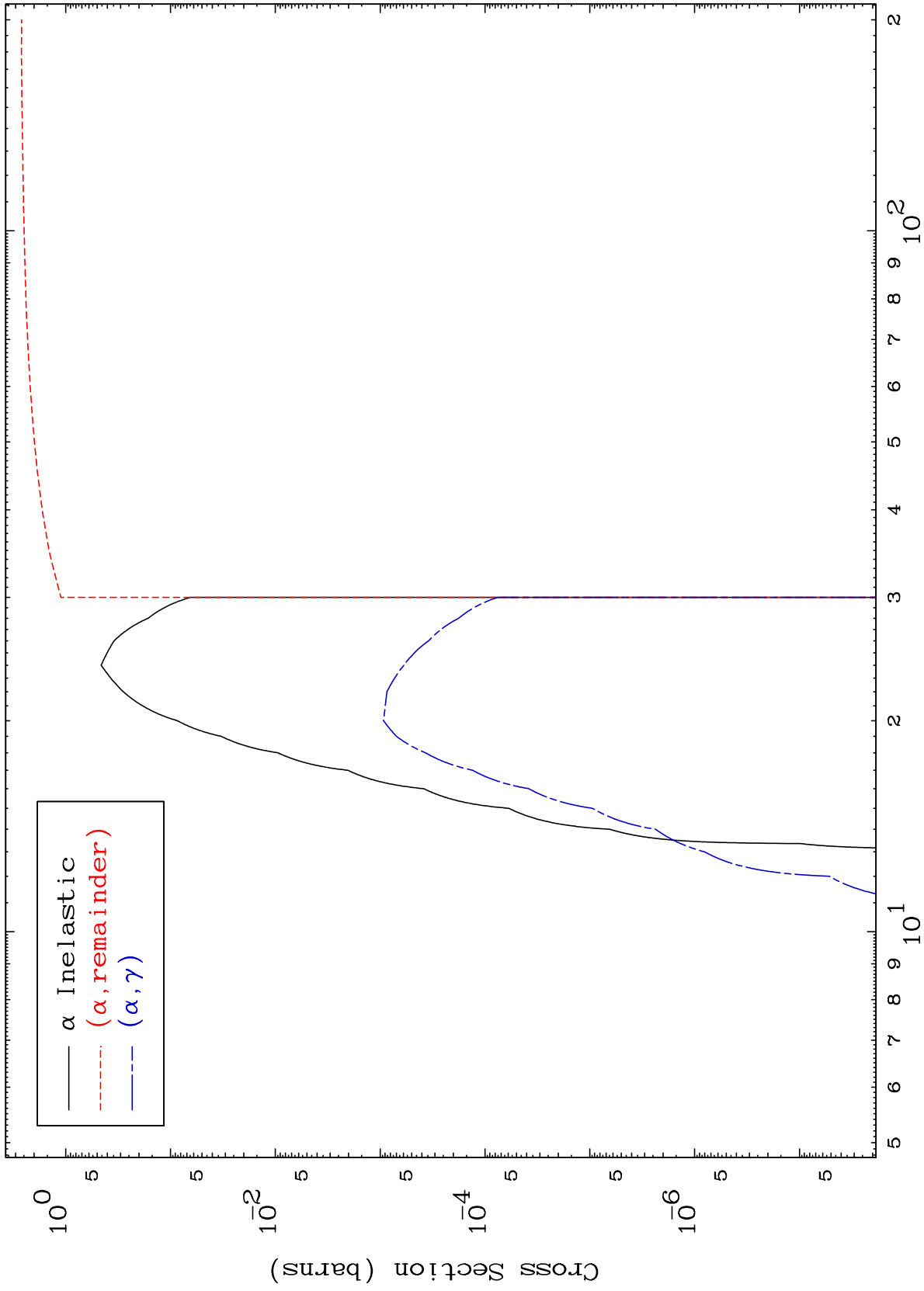
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7698

0 Kelvin α Major
Cross Sections

77-Ir-182



1

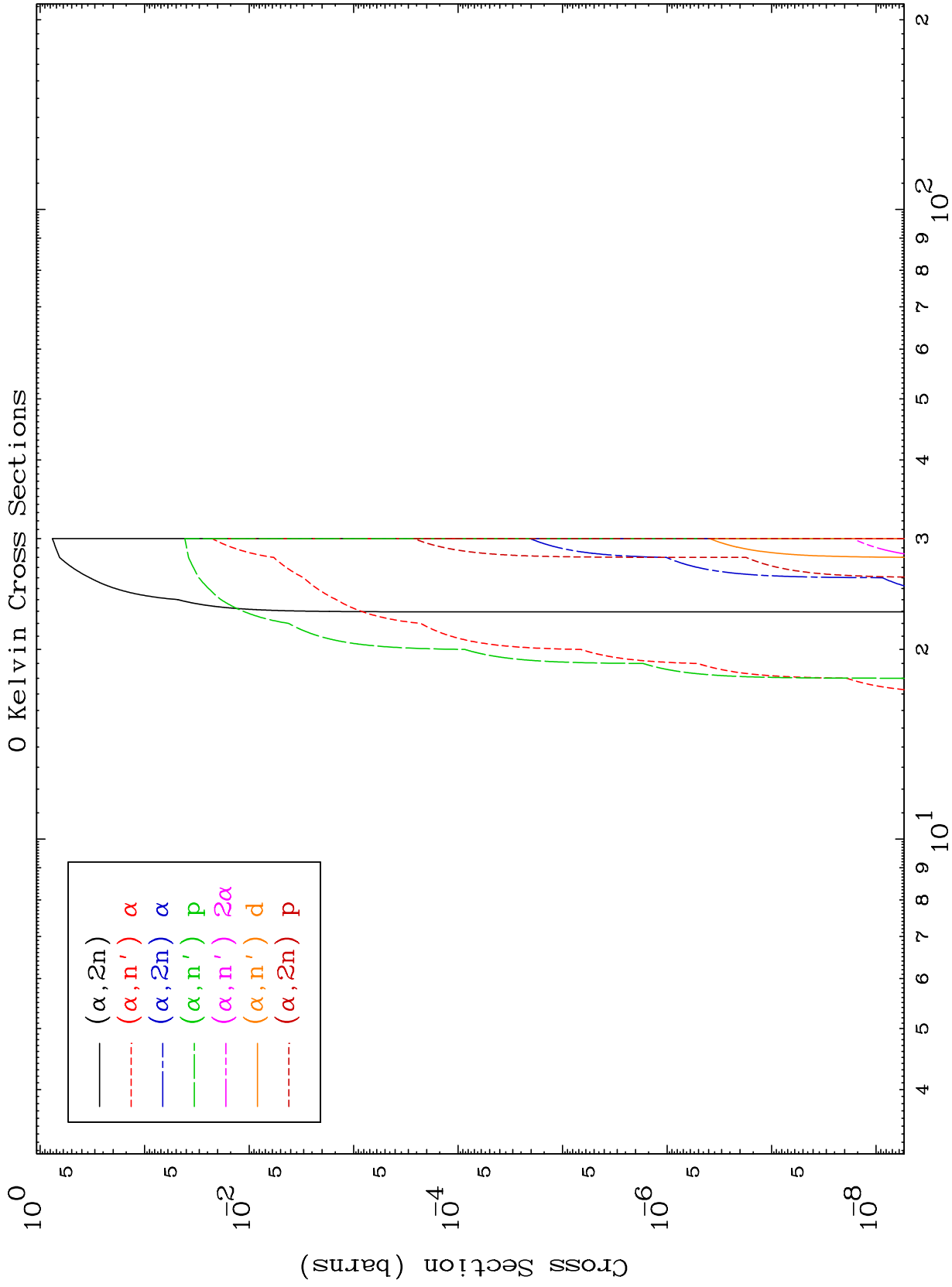
Incident Energy (MeV)

77-Ir-182

MAT 7698

α Neutron Production
0 Kelvin Cross Sections

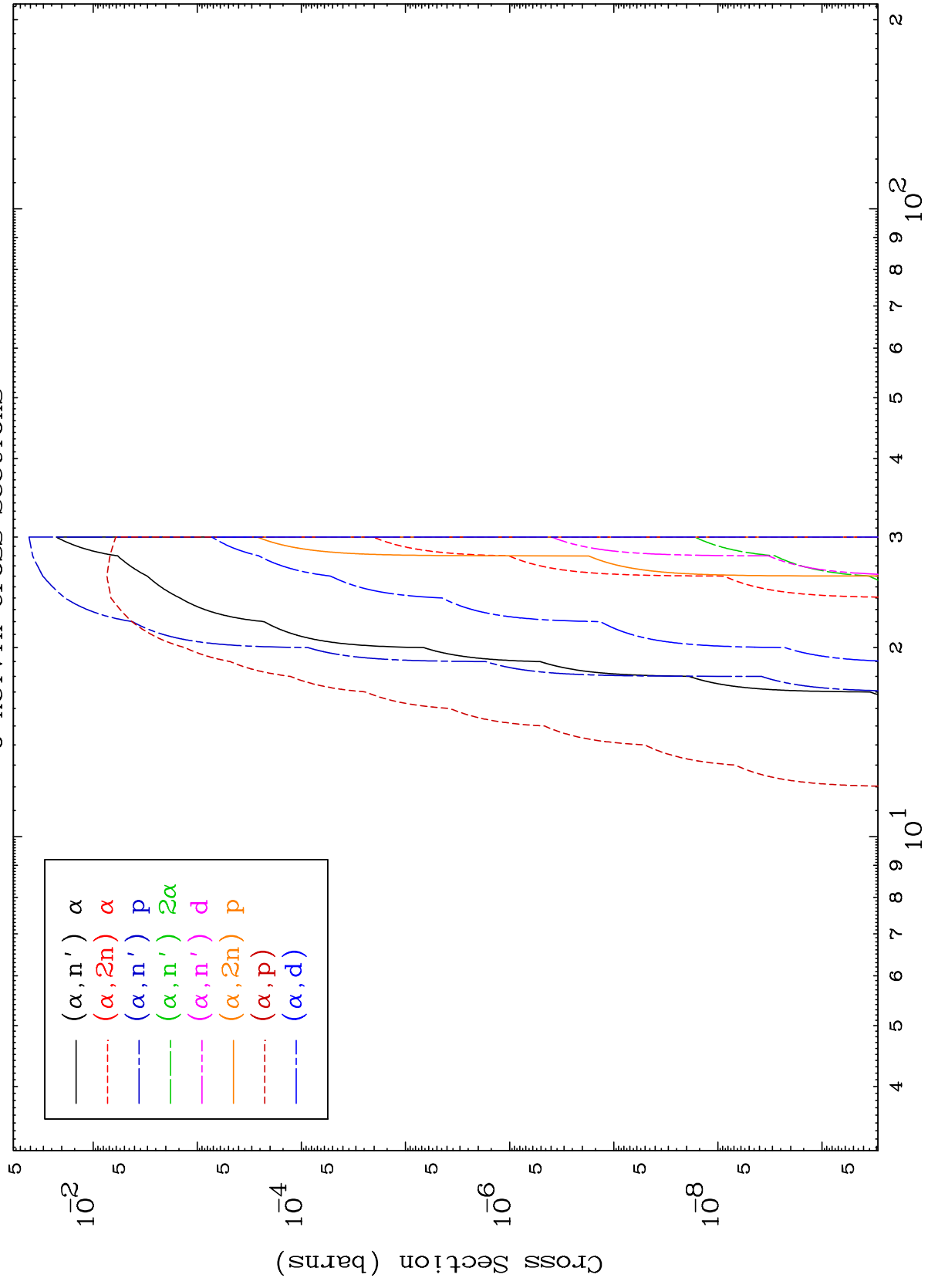
77-Ir-182



2

Incident Energy (MeV)

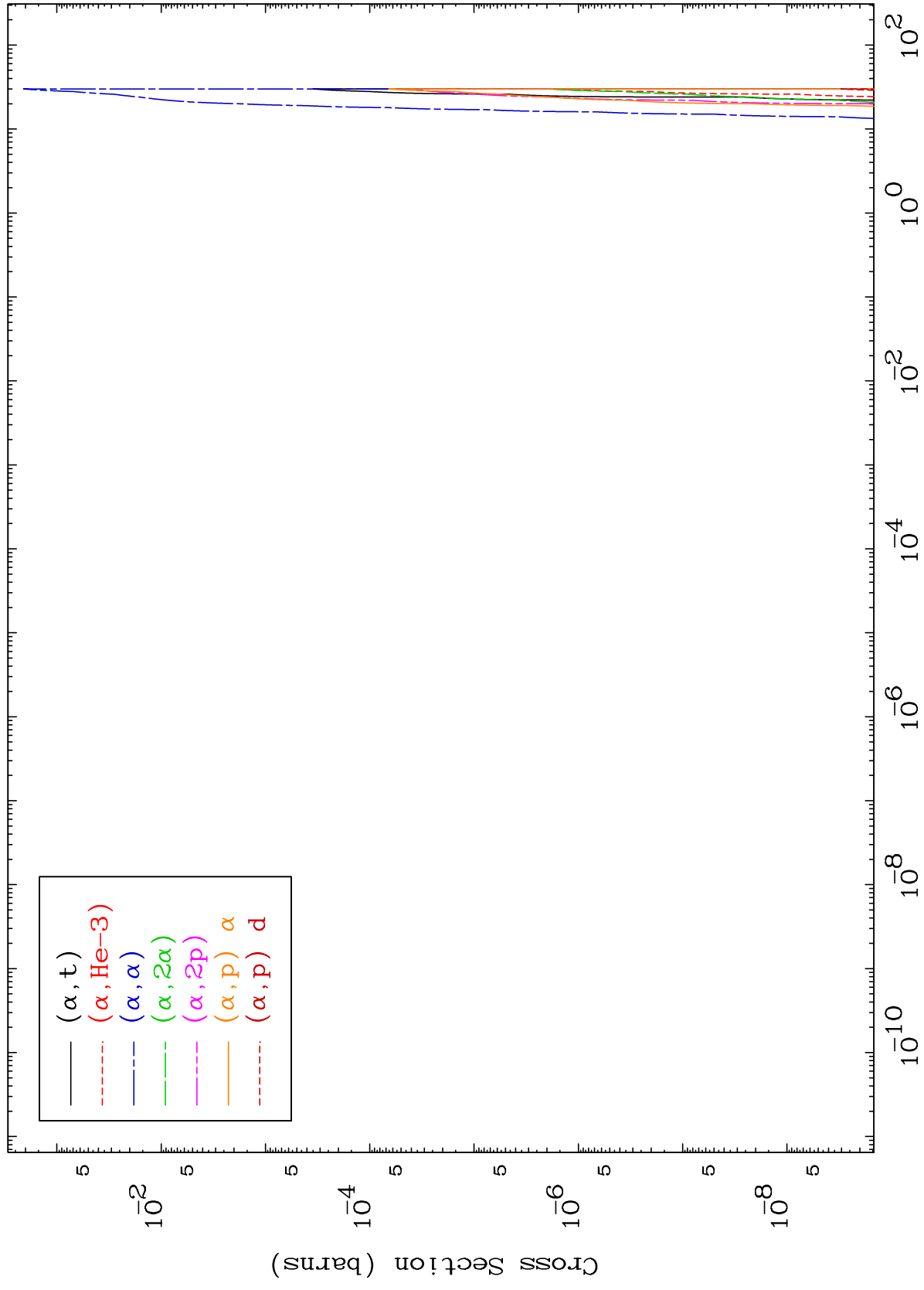
77-Ir-182



MAT 7698

α Charged Particle
0 Kelvin Cross Sections

77-Ir-182

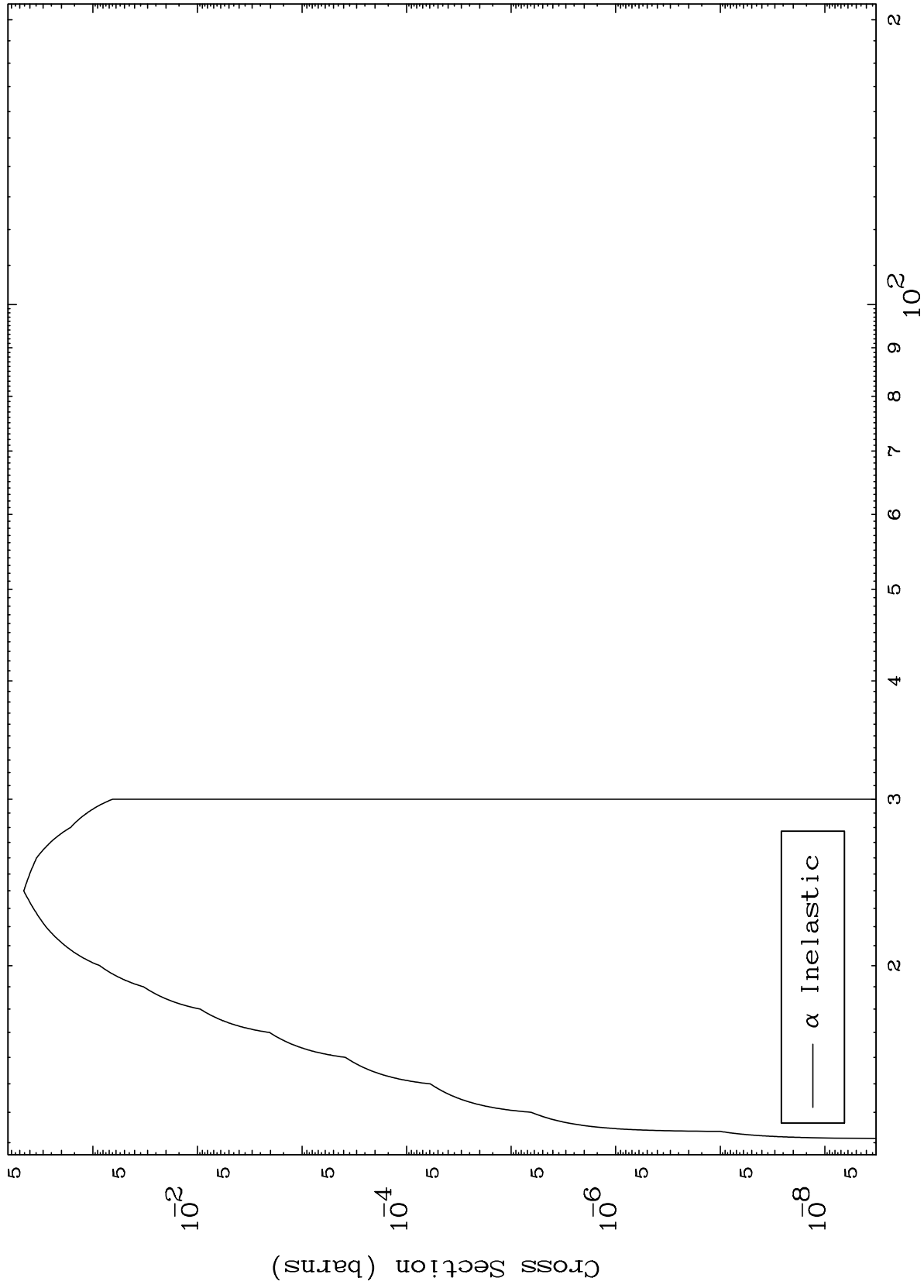


77-Ir-182

MAT 7698

(α, n') Level
0 Kelvin Cross Sections

77-Ir-182



5

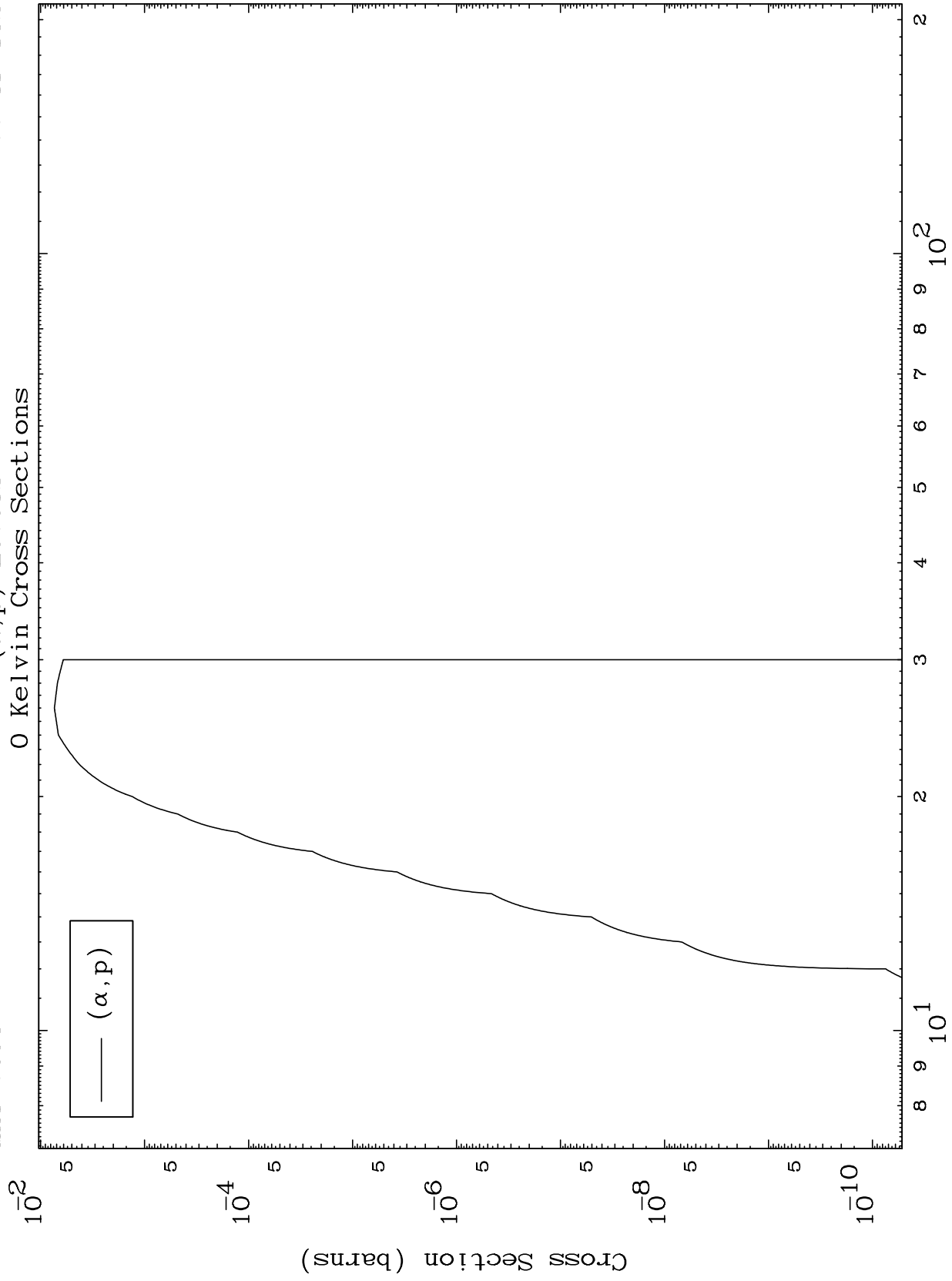
Incident Energy (MeV)

77-Ir-182

MAT 7698

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-182



6

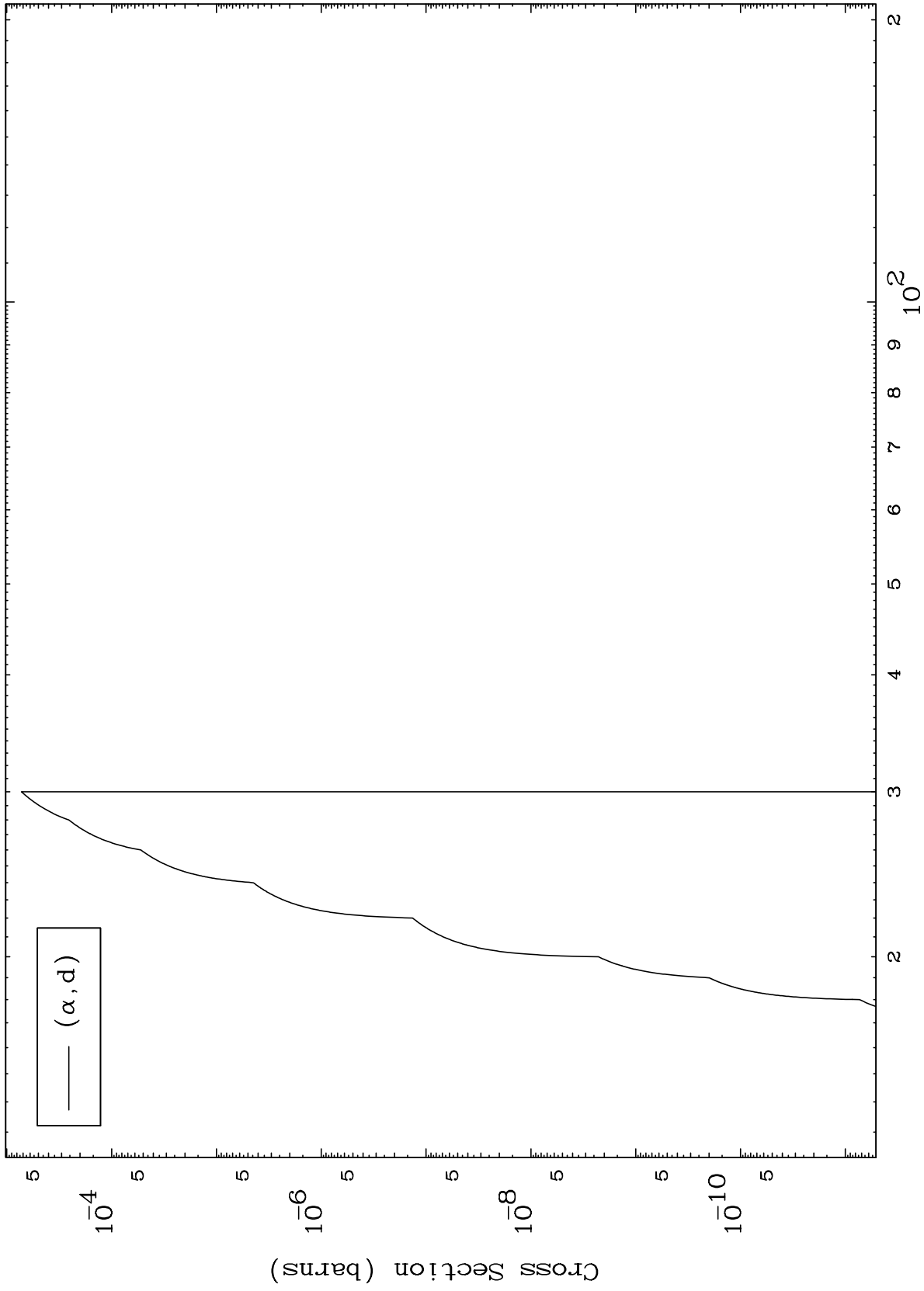
Incident Energy (MeV)

77-Ir-182

MAT 7698

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-182



7

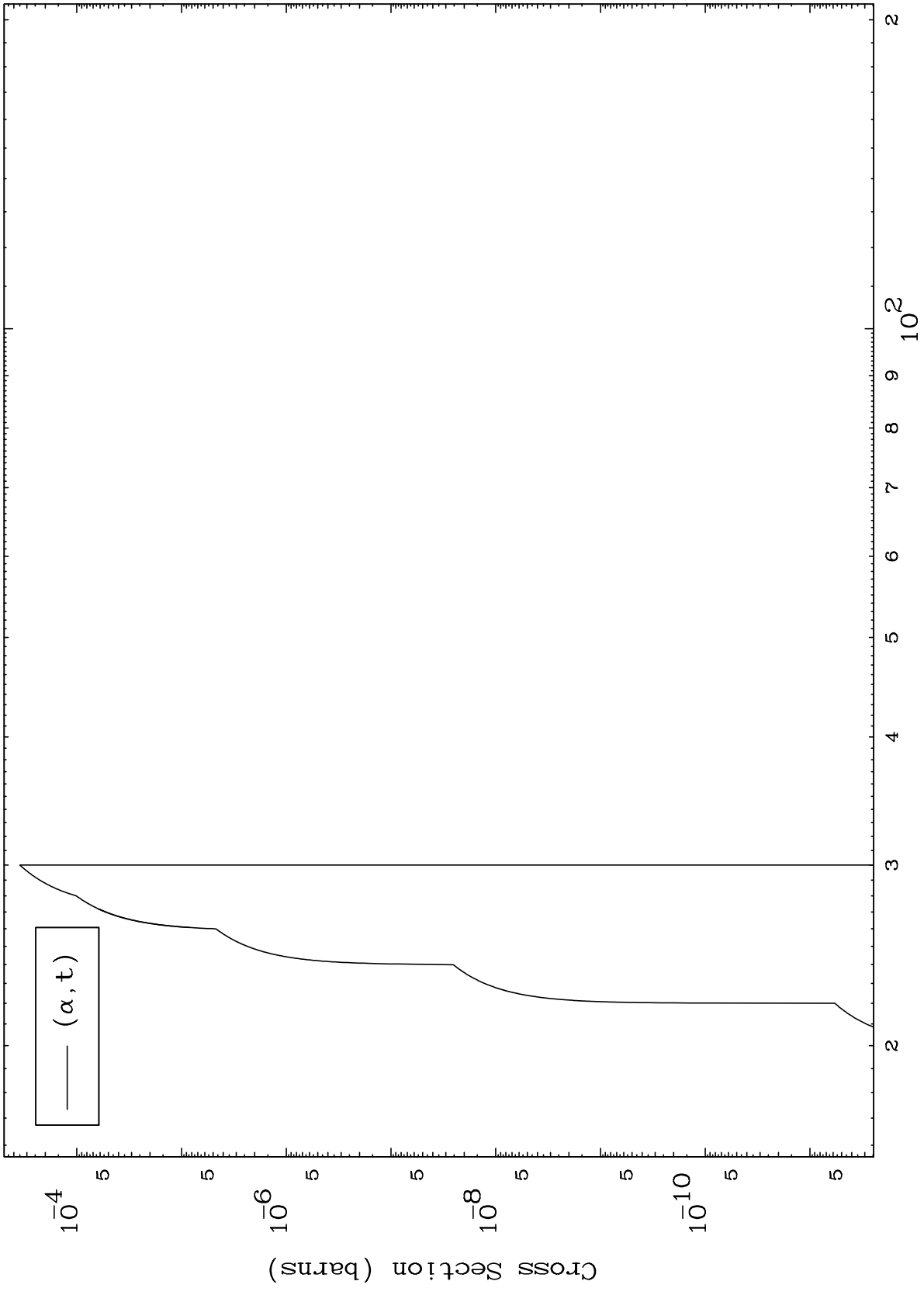
Incident Energy (MeV)

77-Ir-182

MAT 7698

(α, t) Levels
0 Kelvin Cross Sections

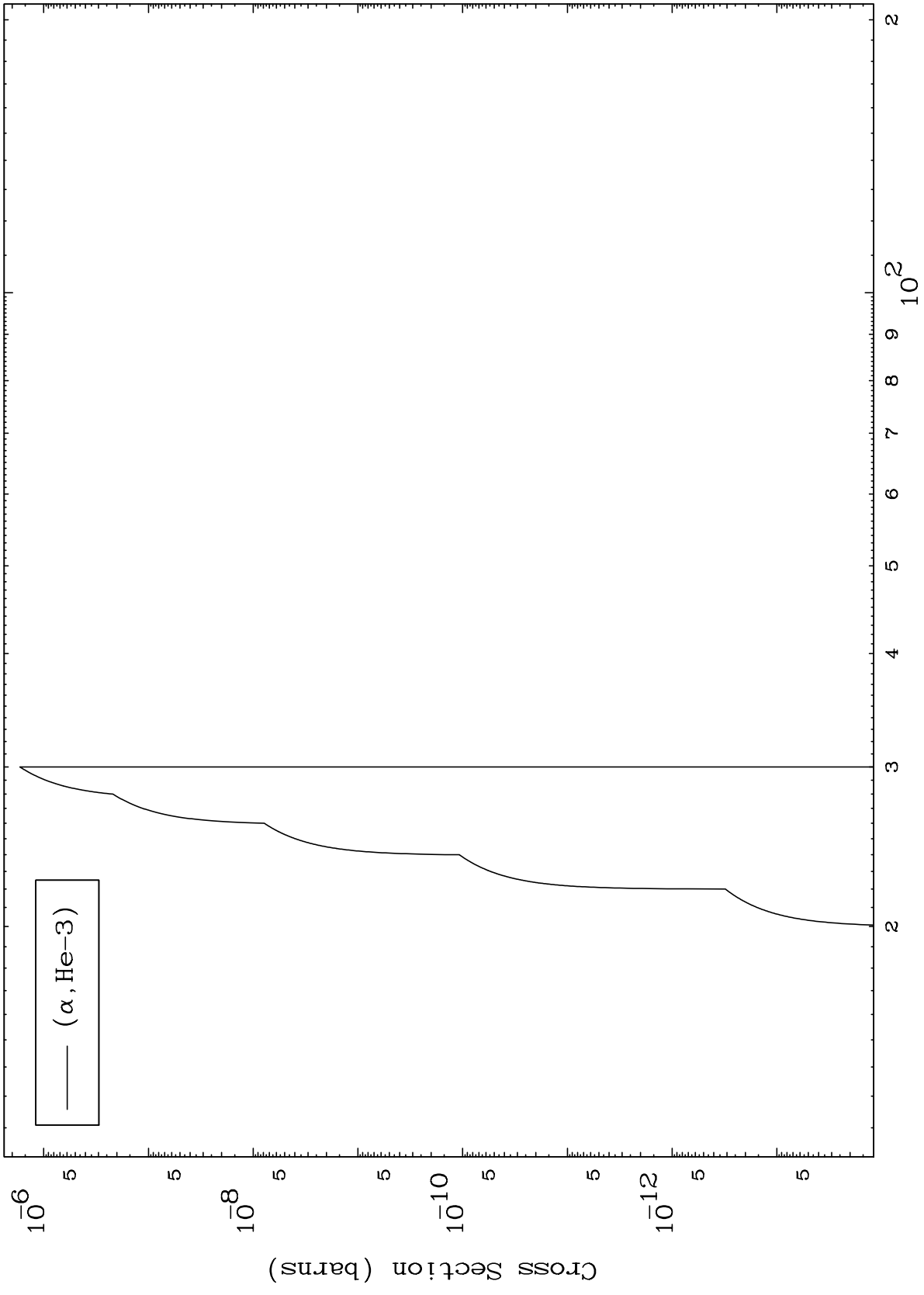
77-Ir-182



8

Incident Energy (MeV)

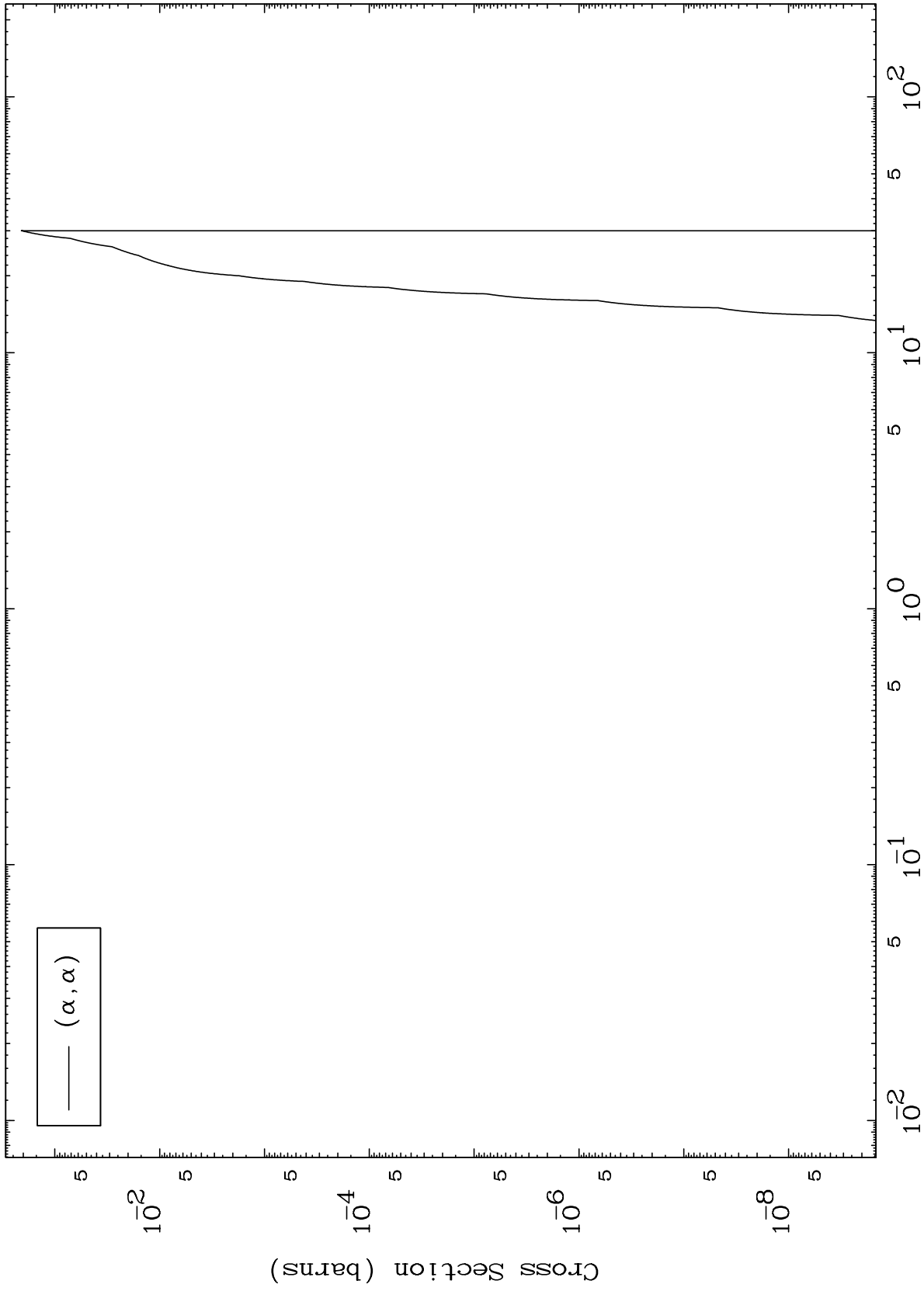
77-Ir-182



MAT 7698

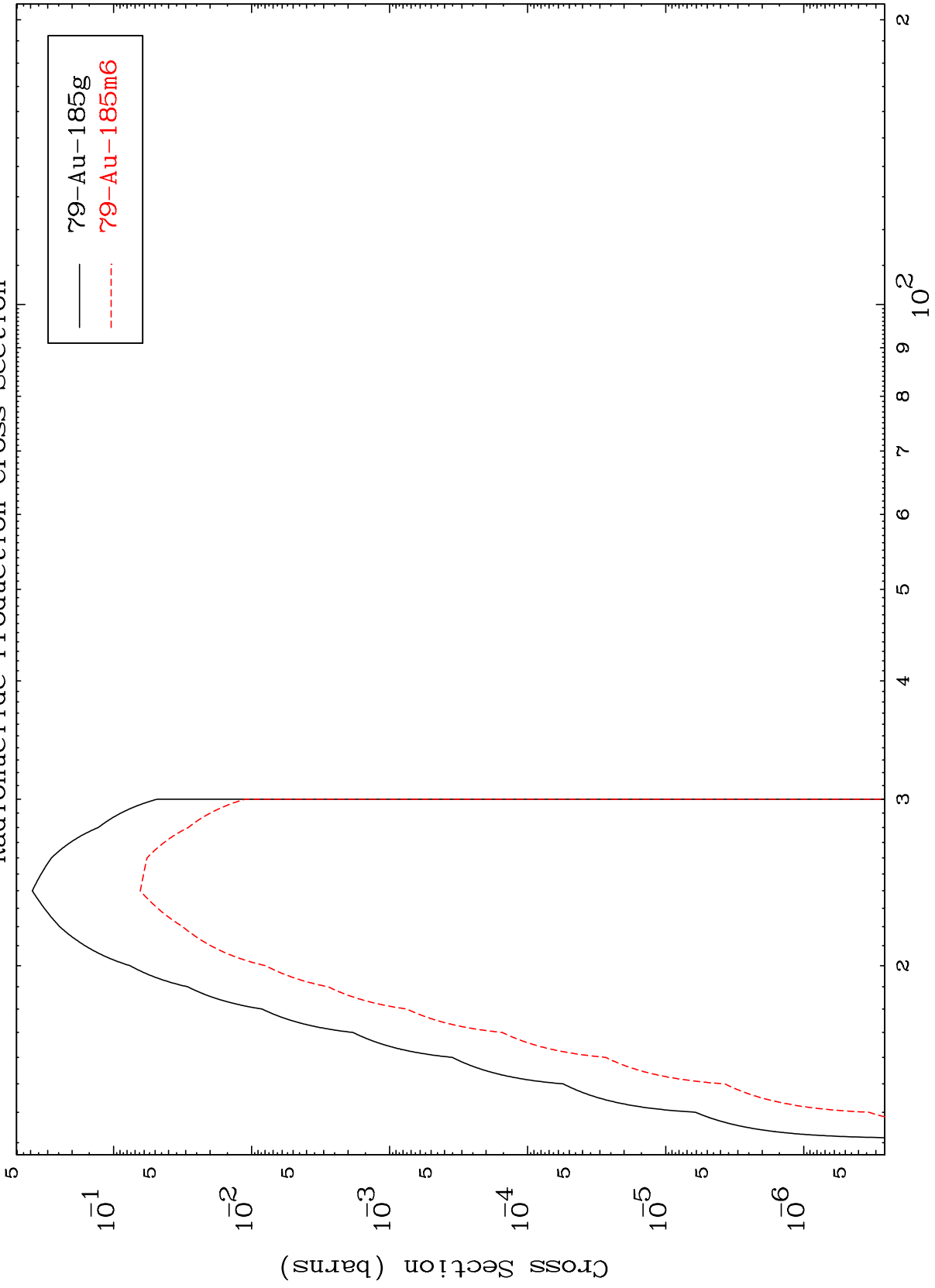
(α, α) Levels
0 Kelvin Cross Sections

77-Ir-182



Incident Energy (MeV)

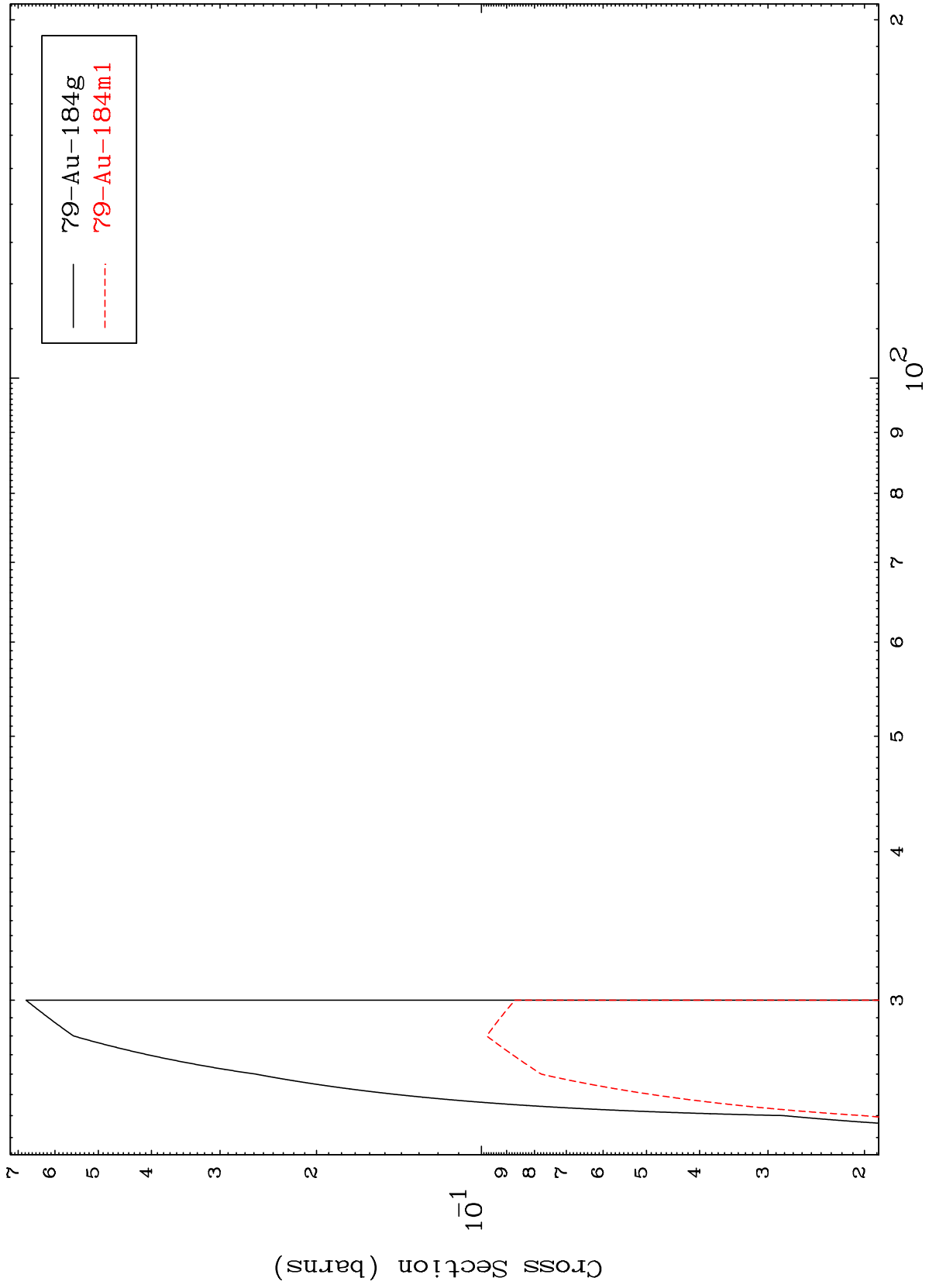
77-Ir-182



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⁷⁷Ir-182

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



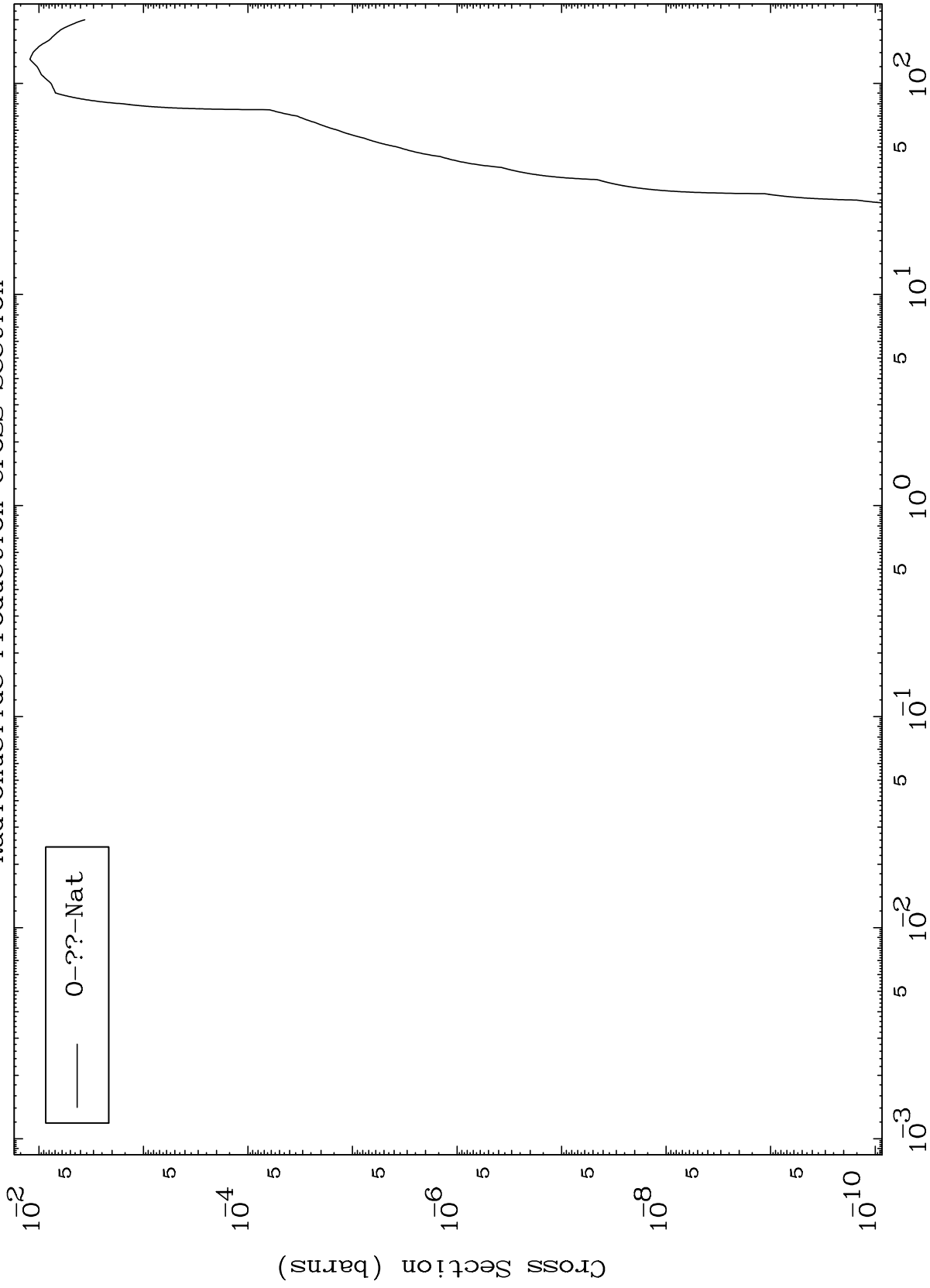
12

⁷⁷Ir-182

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α Fission
Radionuclide Production Cross Section

⁷⁷Ir-182



13

Incident Energy (MeV)

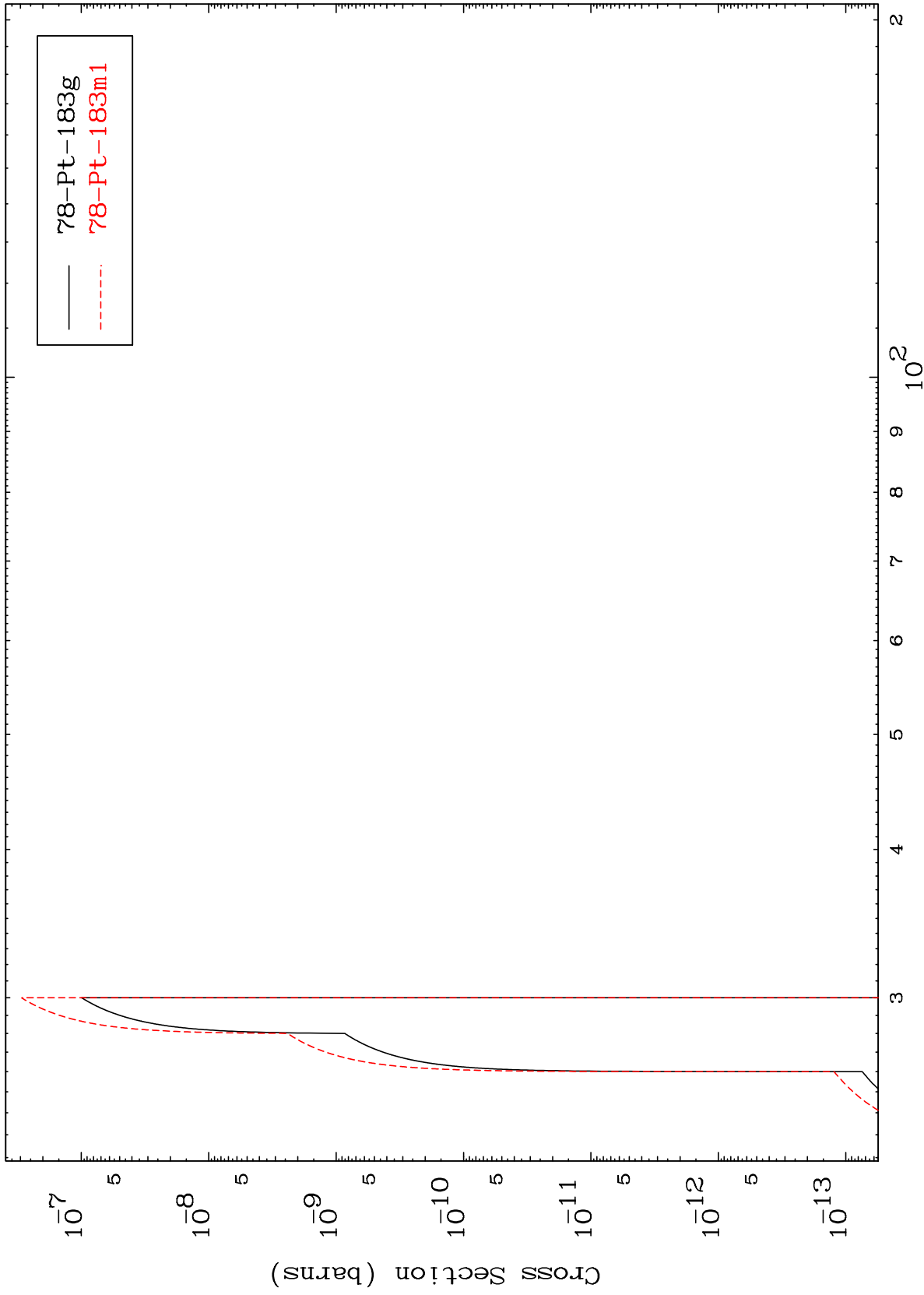
⁷⁷Ir-182

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(α, n') d

⁷⁷Ir-182

Radionuclide Production Cross Section



14

Incident Energy (MeV)

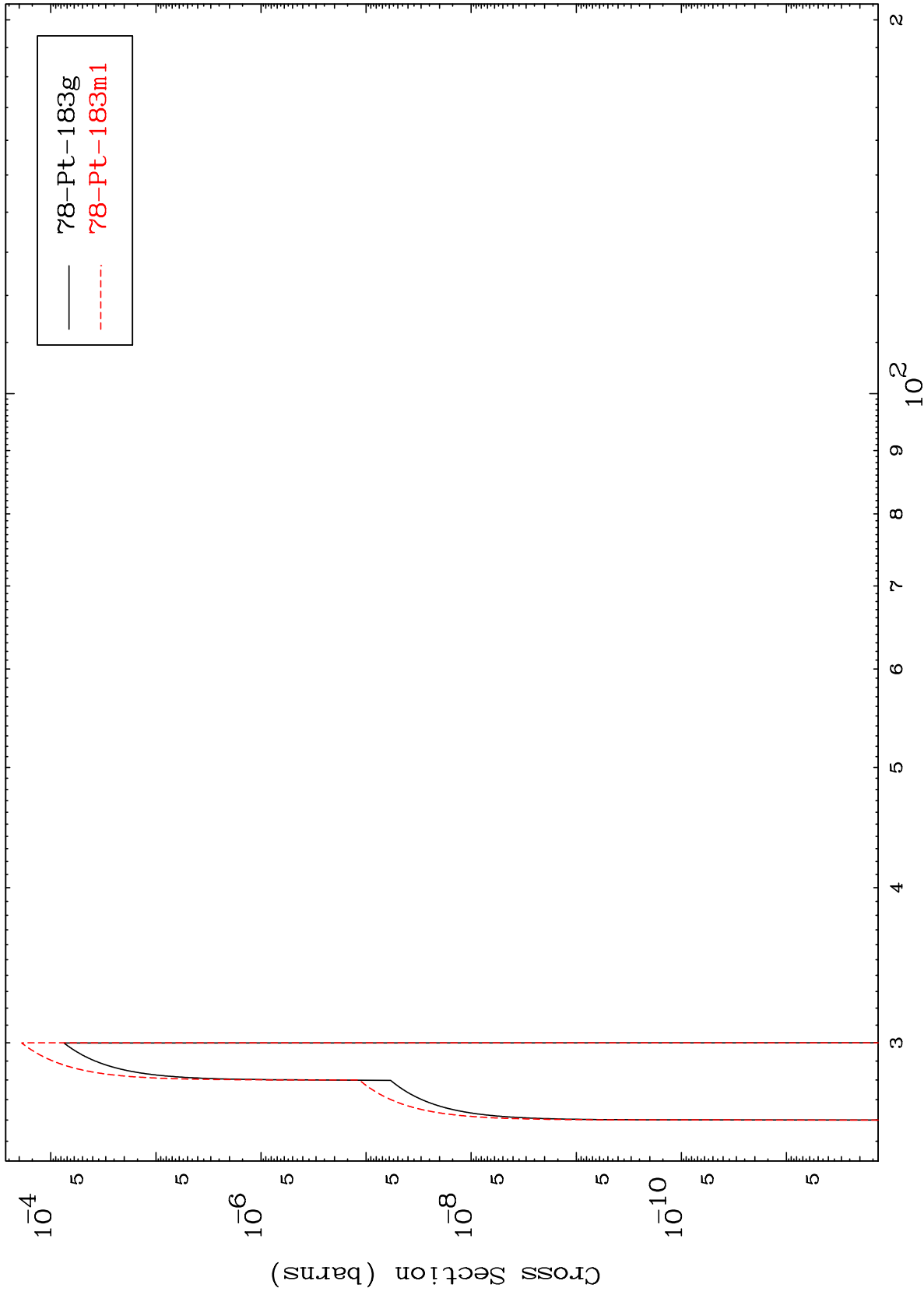
⁷⁷Ir-182

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$(\alpha, 2n)$ p

⁷⁷Ir-182

Radionuclide Production Cross Section



15

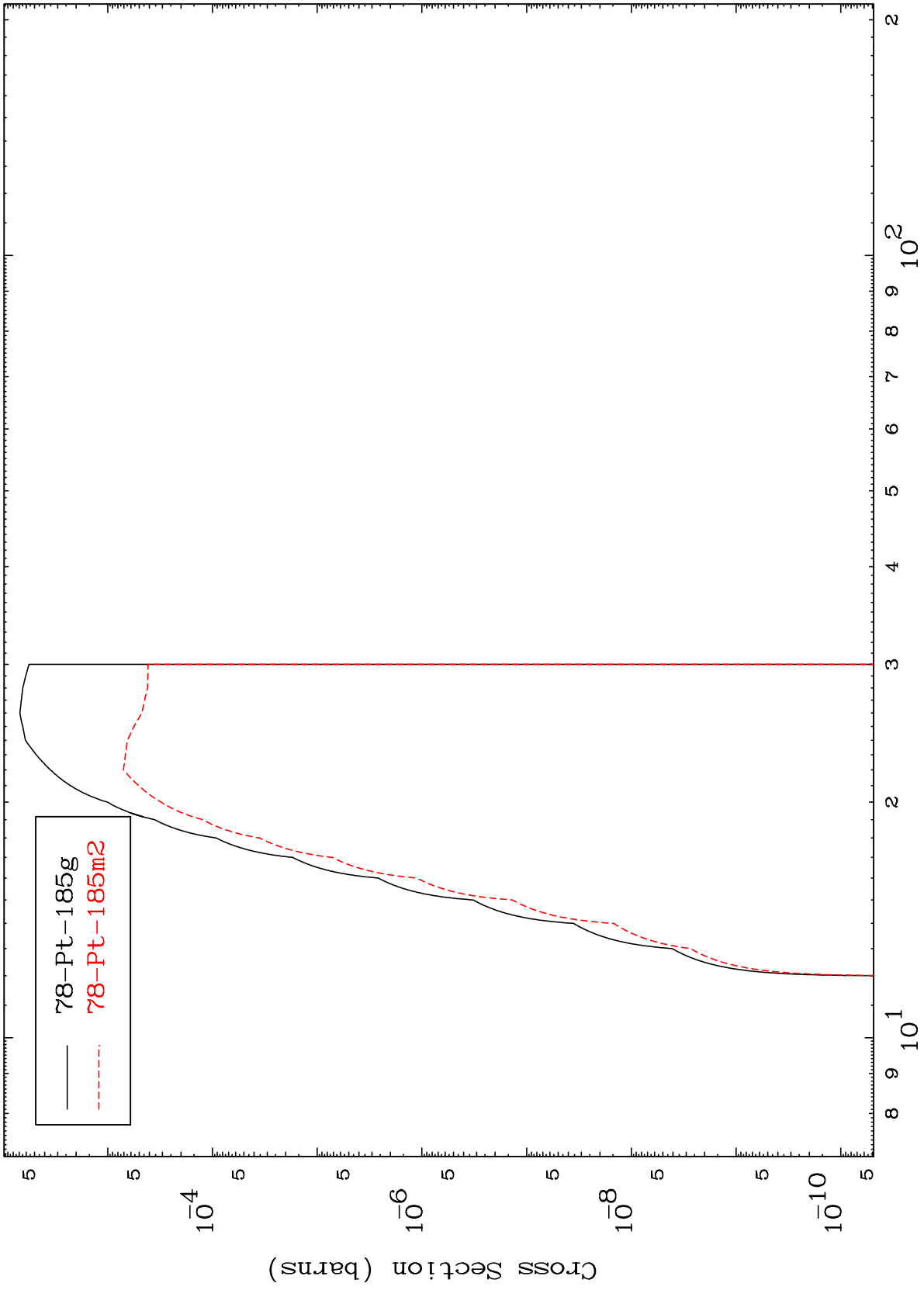
Incident Energy (MeV)

⁷⁷Ir-182

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(α, p)
Radionuclide Production Cross Section

$^{77}\text{Ir-182}$



16

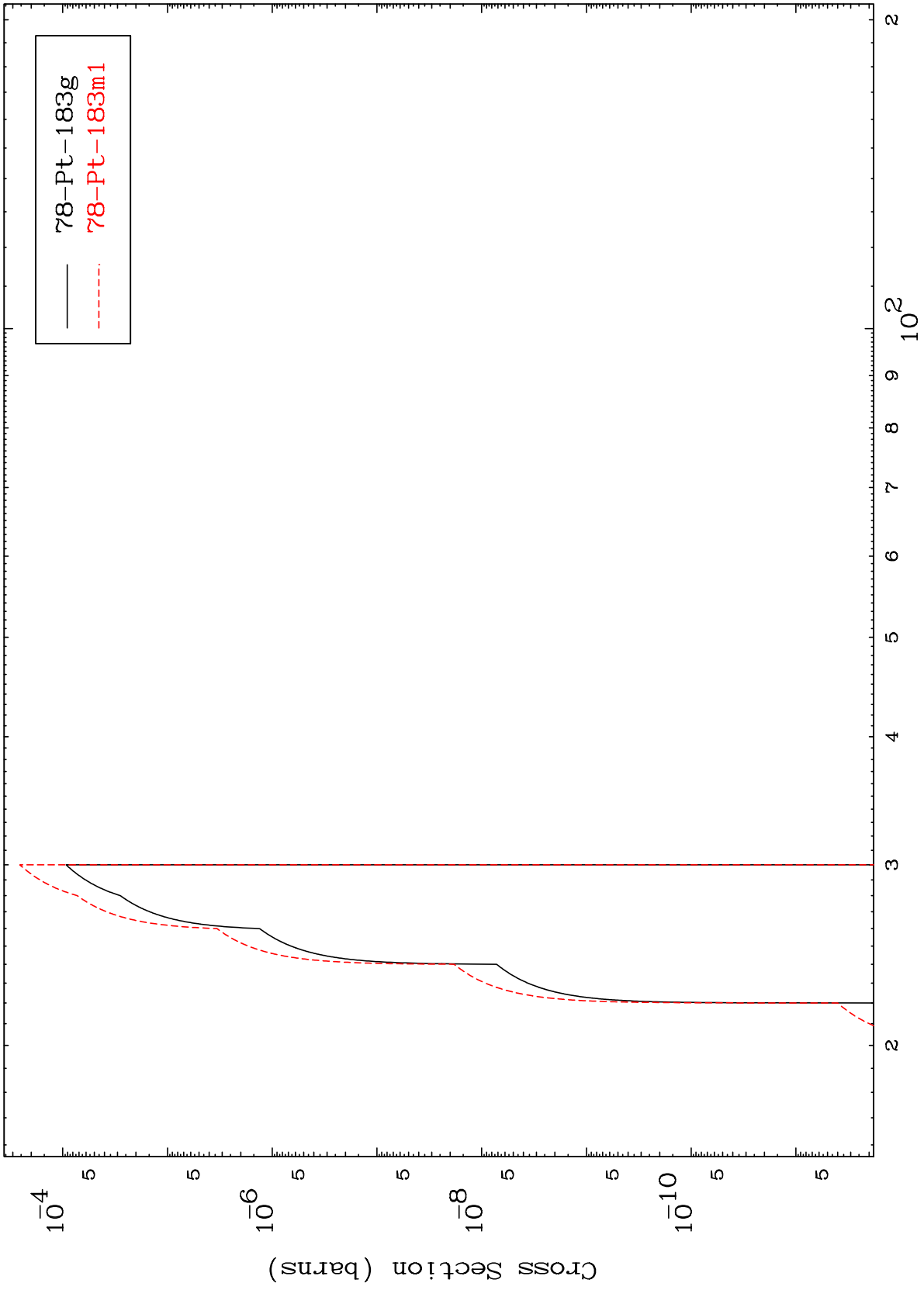
Incident Energy (MeV)

$^{77}\text{Ir-182}$

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77-Ir-182

(α, t)
Radionuclide Production Cross Section



17

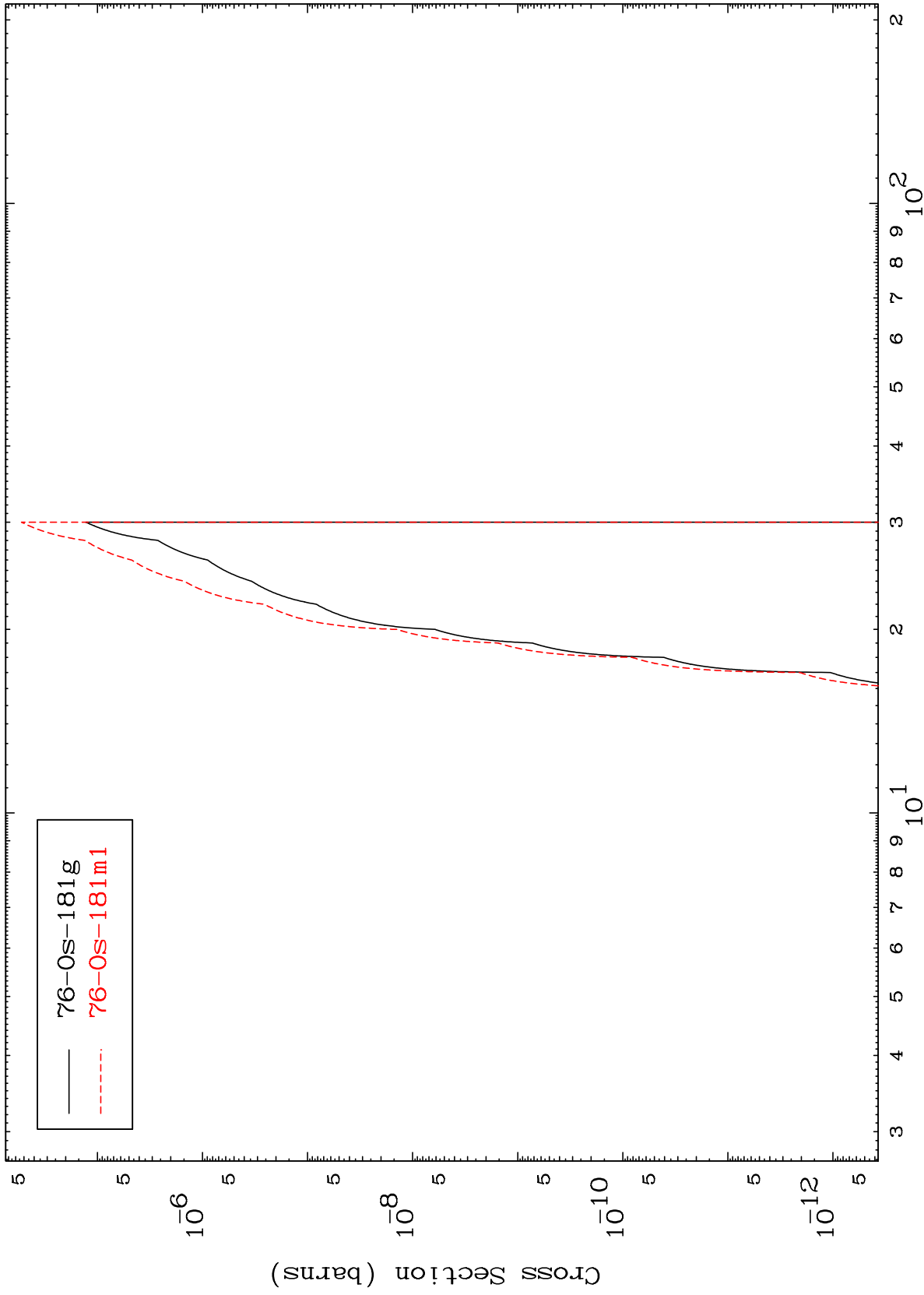
77-Ir-182

MAT 7698

(α, p) α

⁷⁷Ir-182

Radionuclide Production Cross Section



18

Incident Energy (MeV)

⁷⁷Ir-182