

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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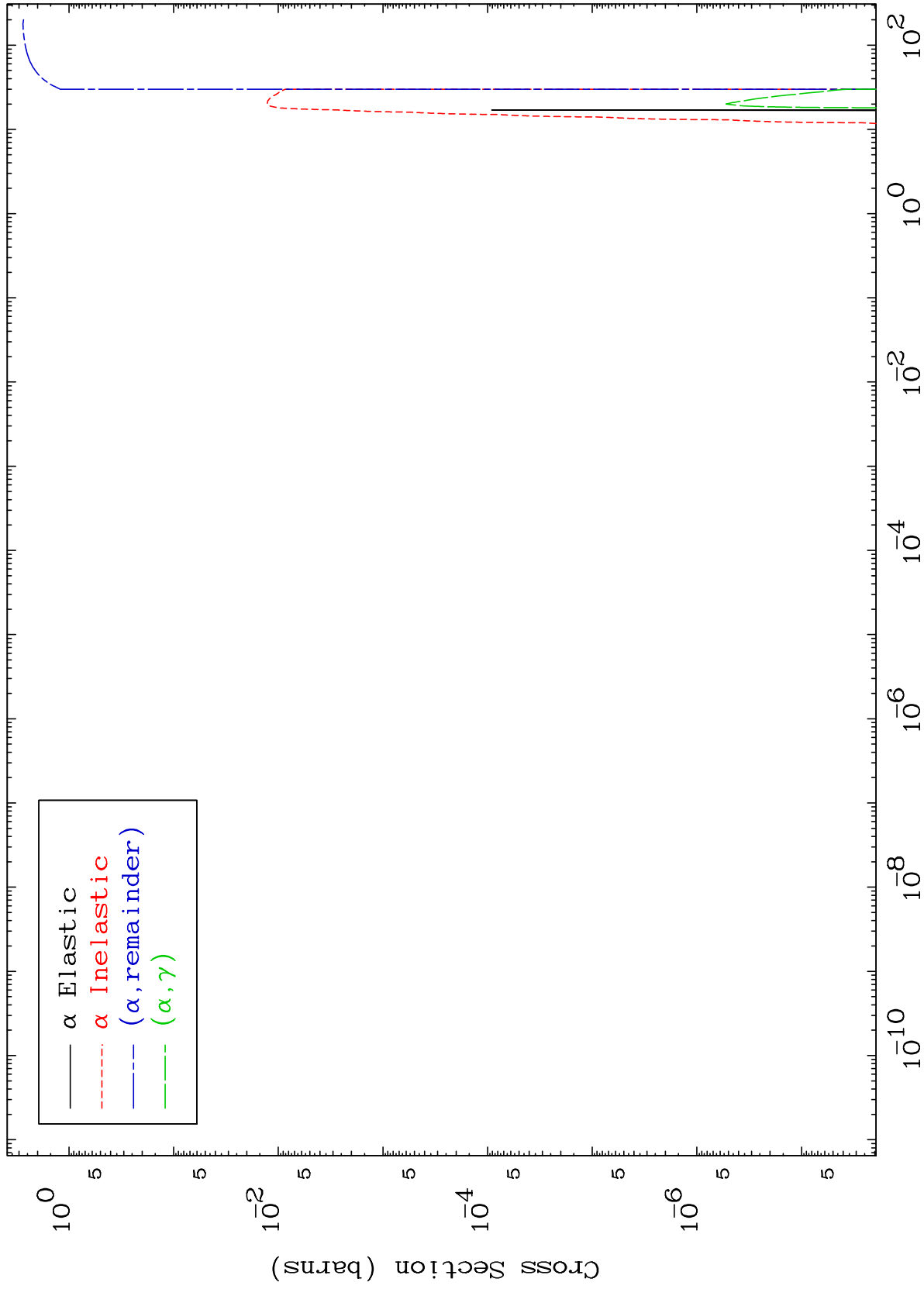
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7740

0 Kelvin α Major
Cross Sections

77-Ir-196



77-Ir-196

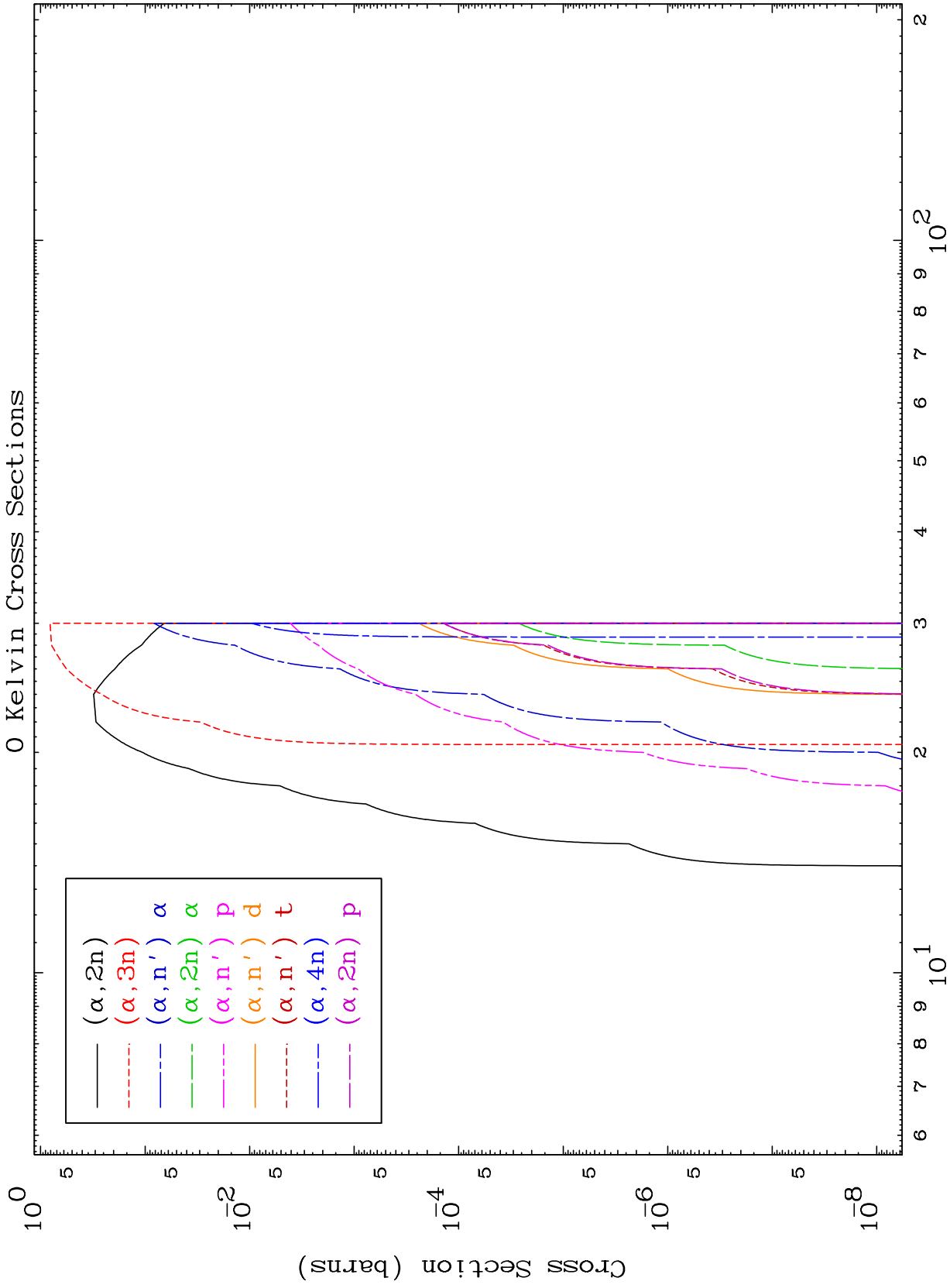
Incident Energy (MeV)

1

MAT 7740

α Neutron Production
0 Kelvin Cross Sections

77-Ir-196



2

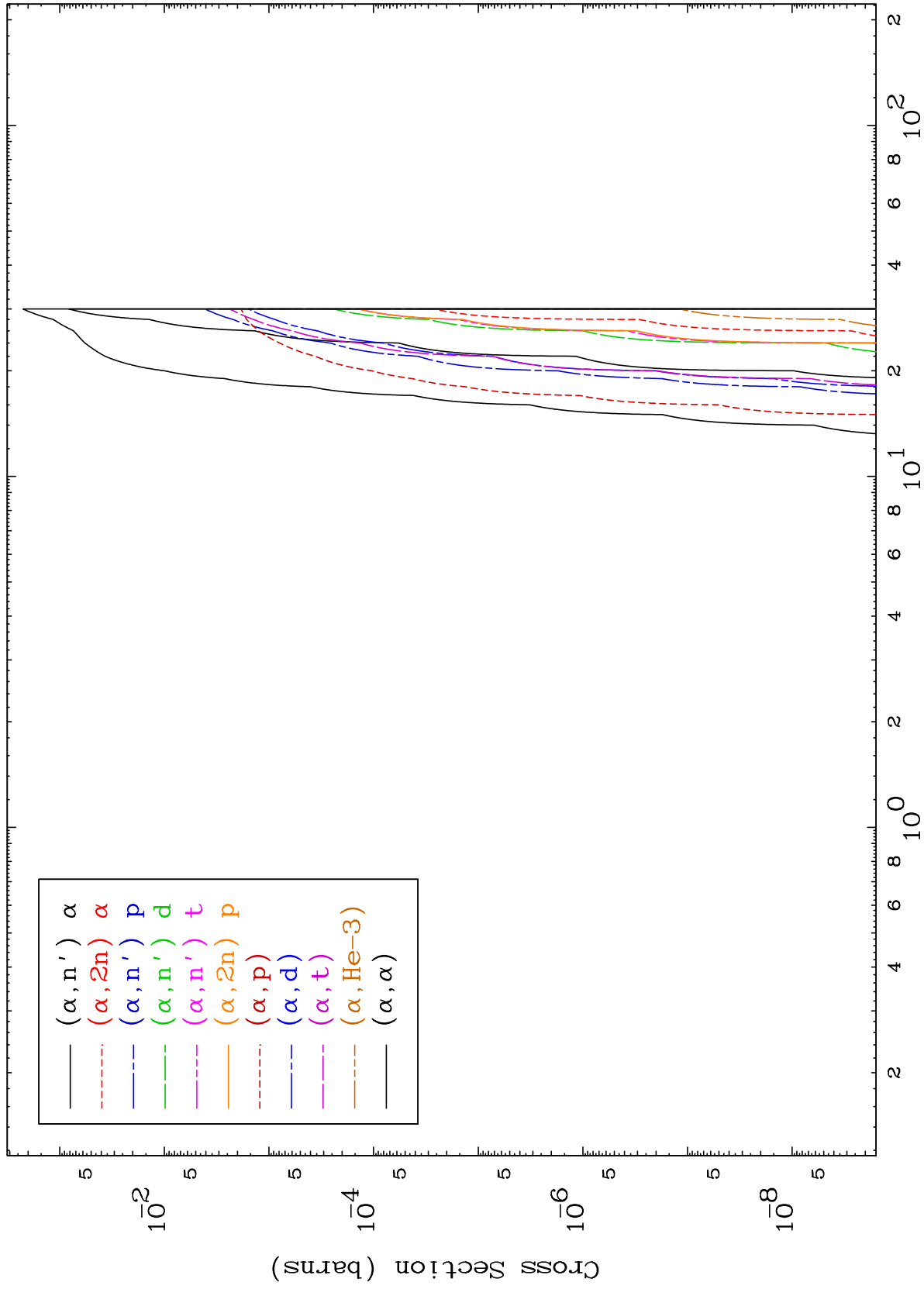
Incident Energy (MeV)

77-Ir-196

MAT 7740

α Charged Particle
0 Kelvin Cross Sections

77-Ir-196



3

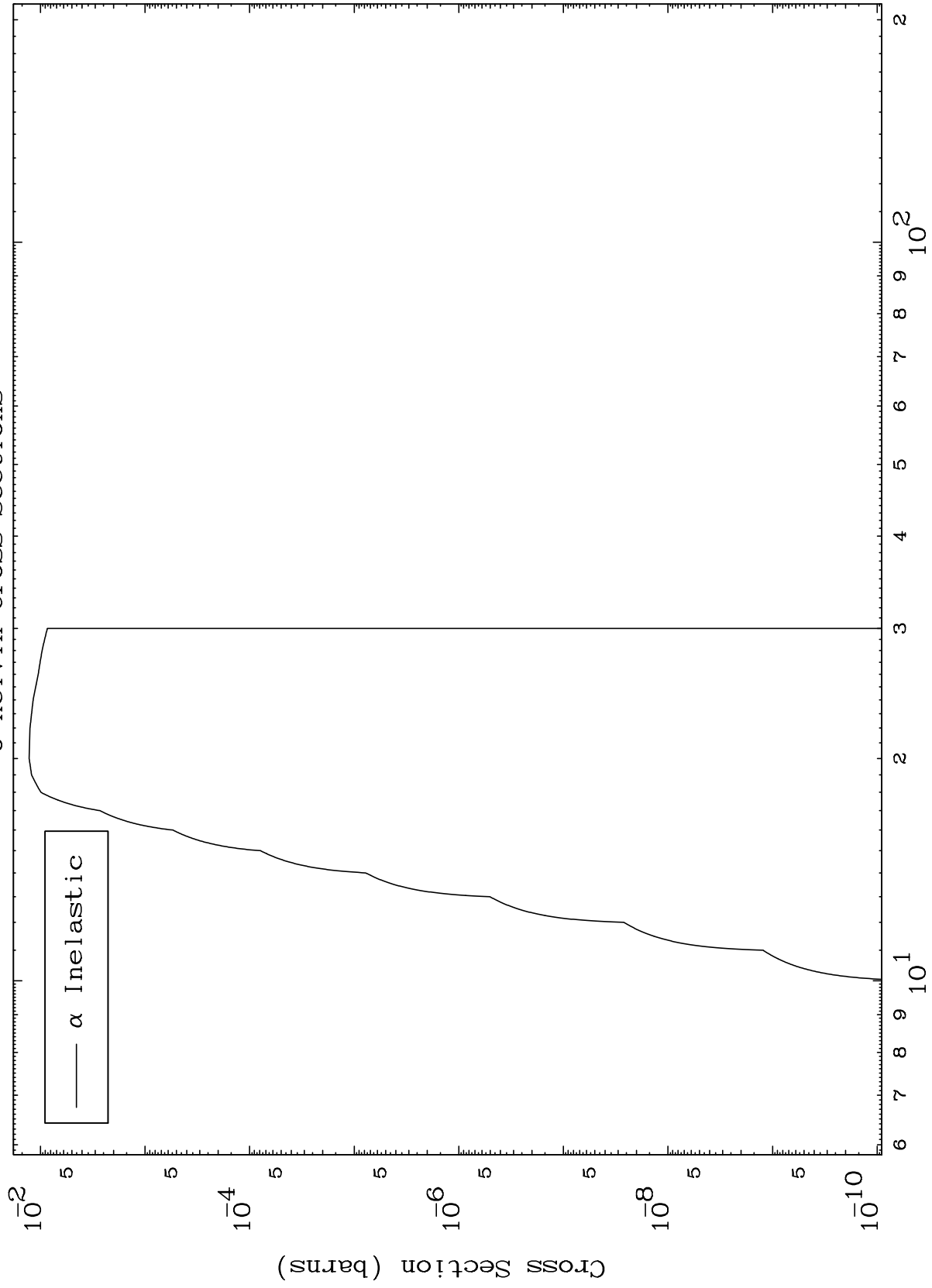
Incident Energy (MeV)

77-Ir-196

MAT 7740

(α, n') Level
0 Kelvin Cross Sections

77-Ir-196

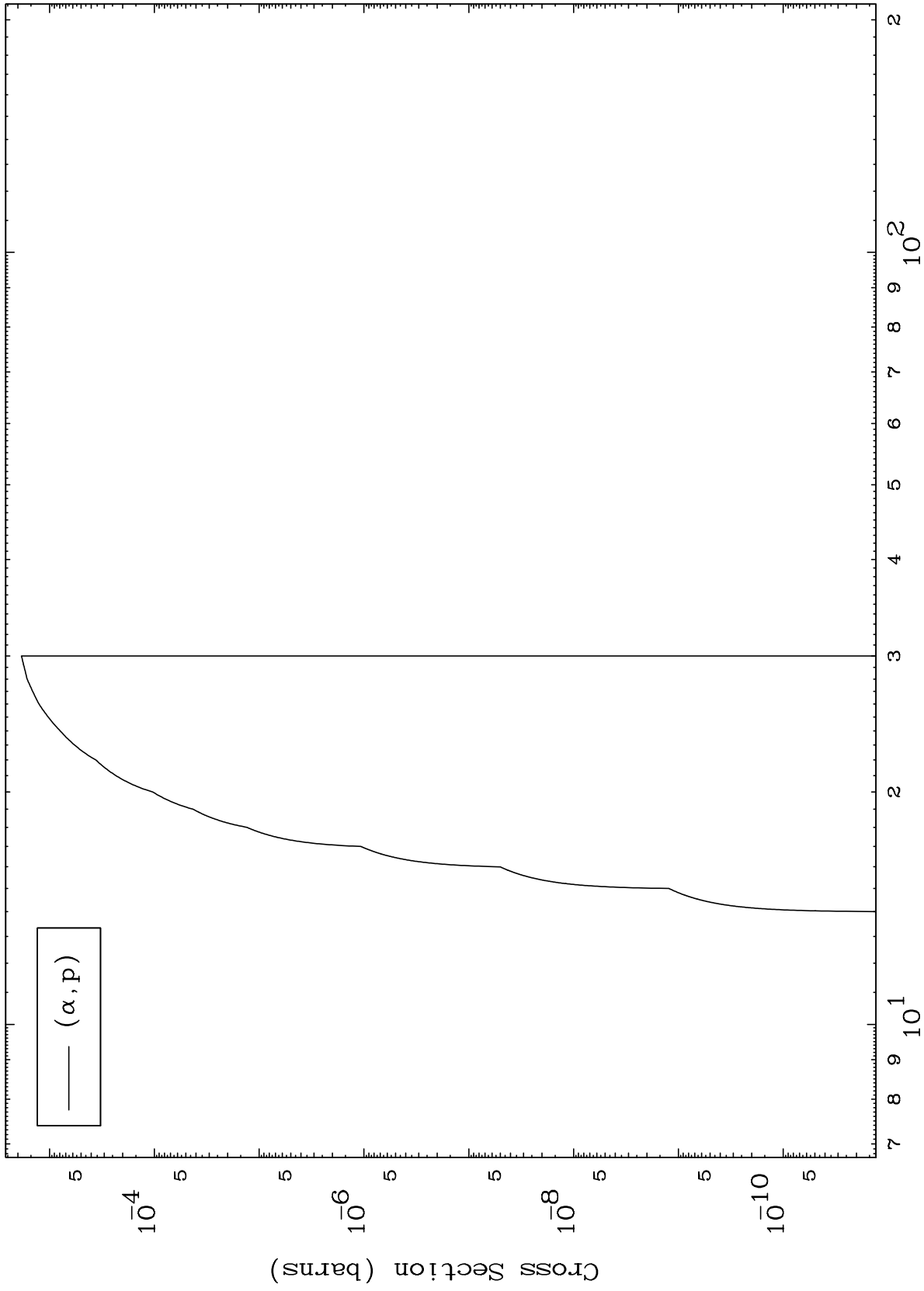


α Inelastic

MAT 7740

(α, p) Levels
0 Kelvin Cross Sections

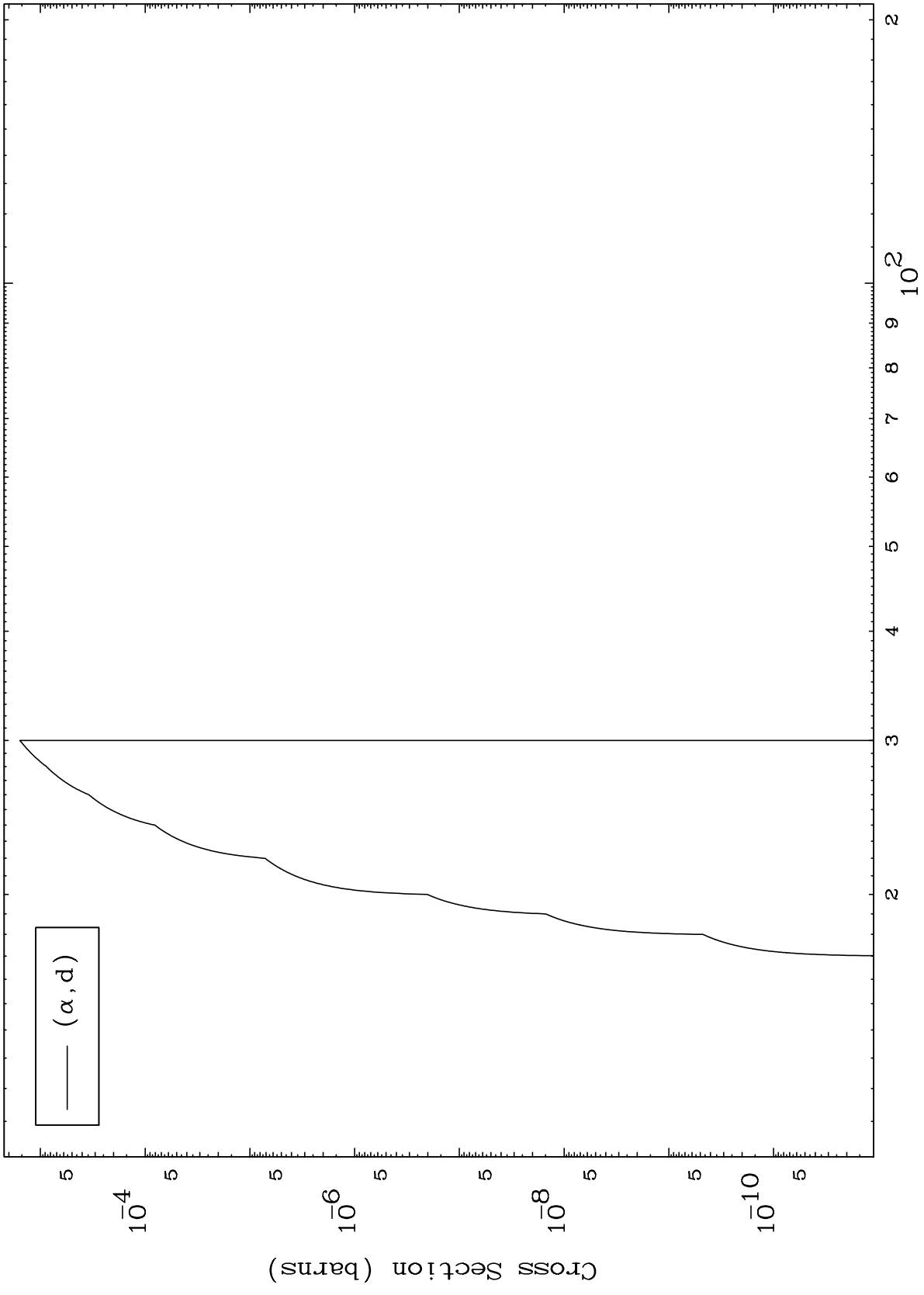
77-Ir-196



5

Incident Energy (MeV)

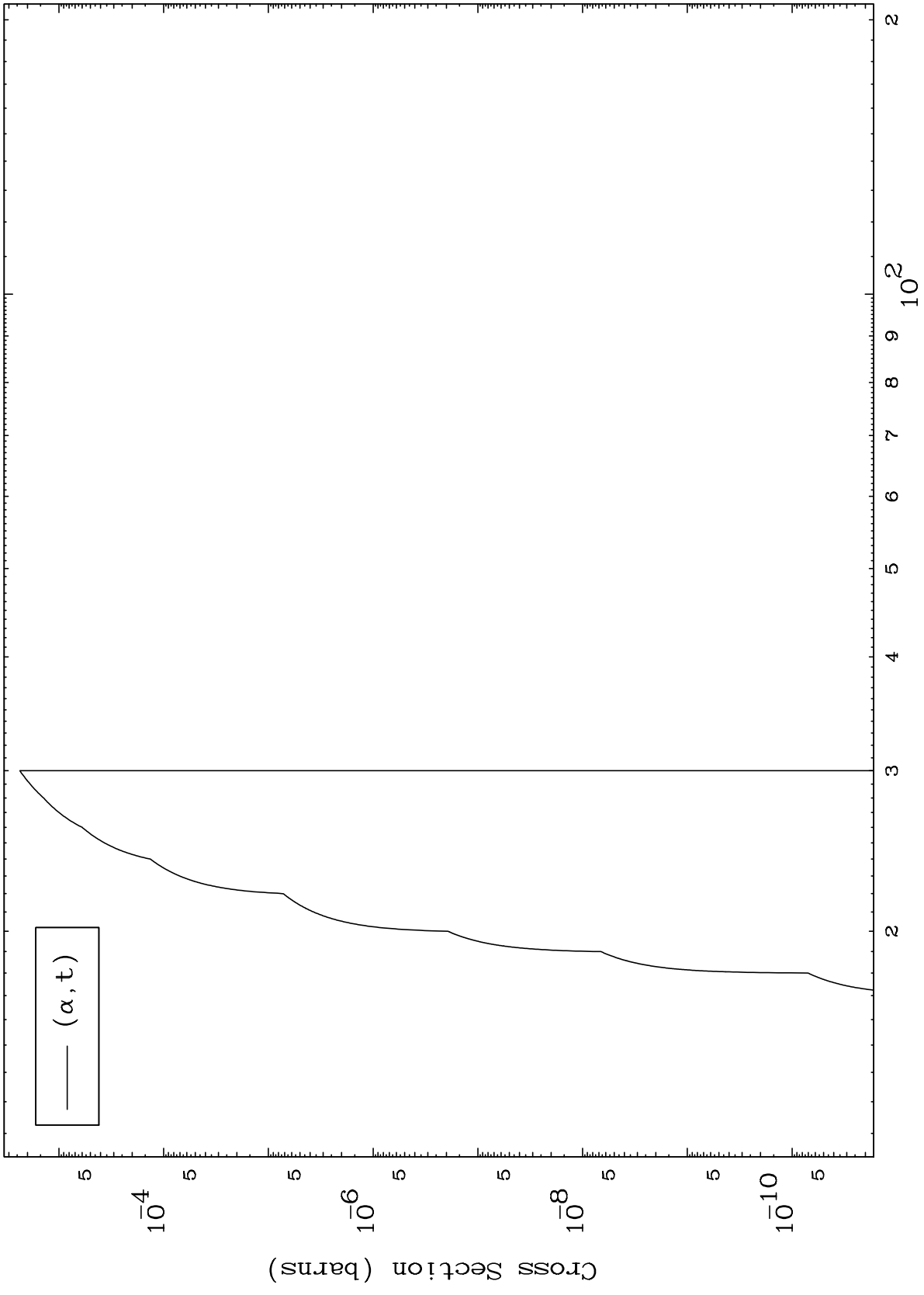
77-Ir-196

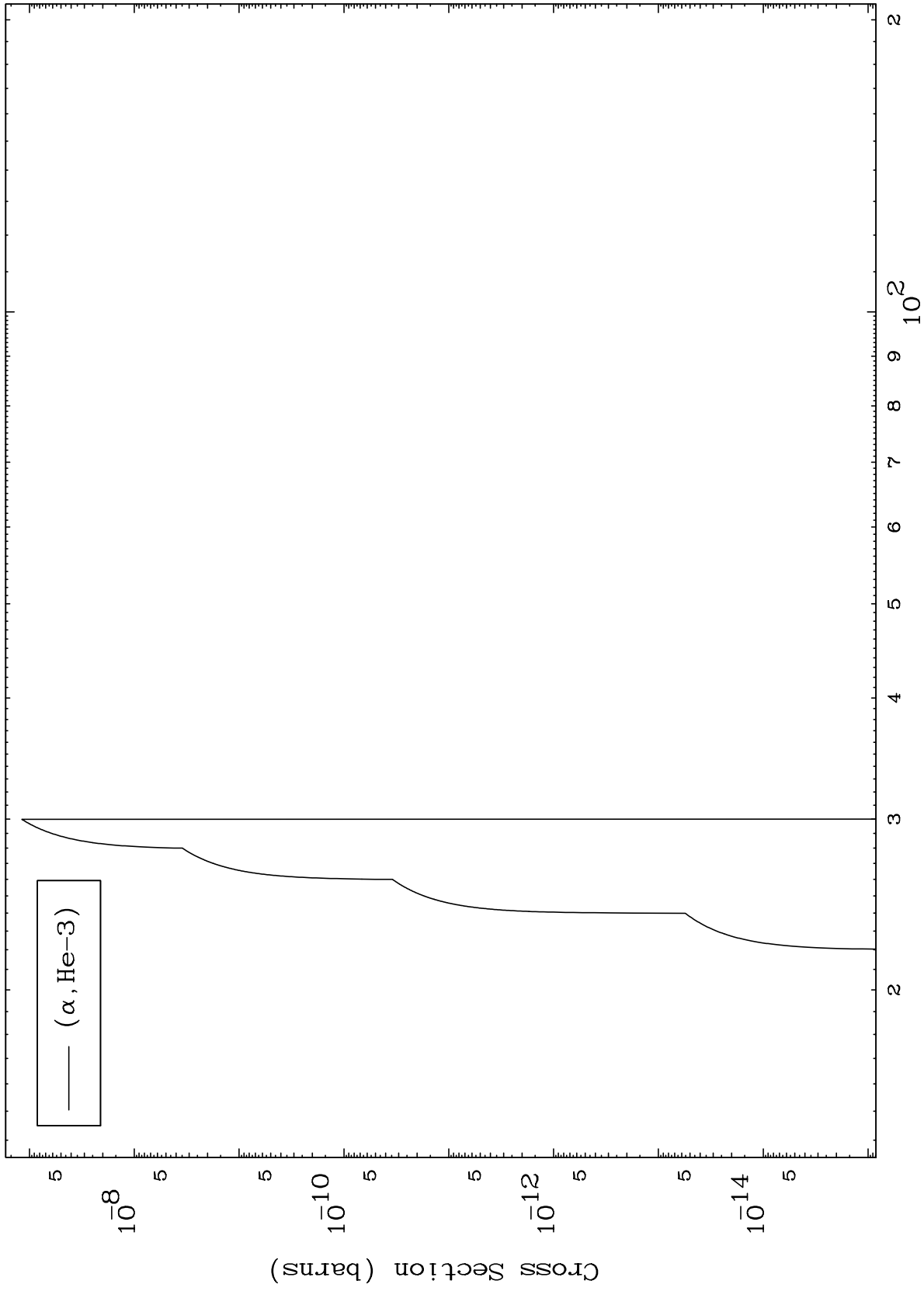


MAT 7740

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-196

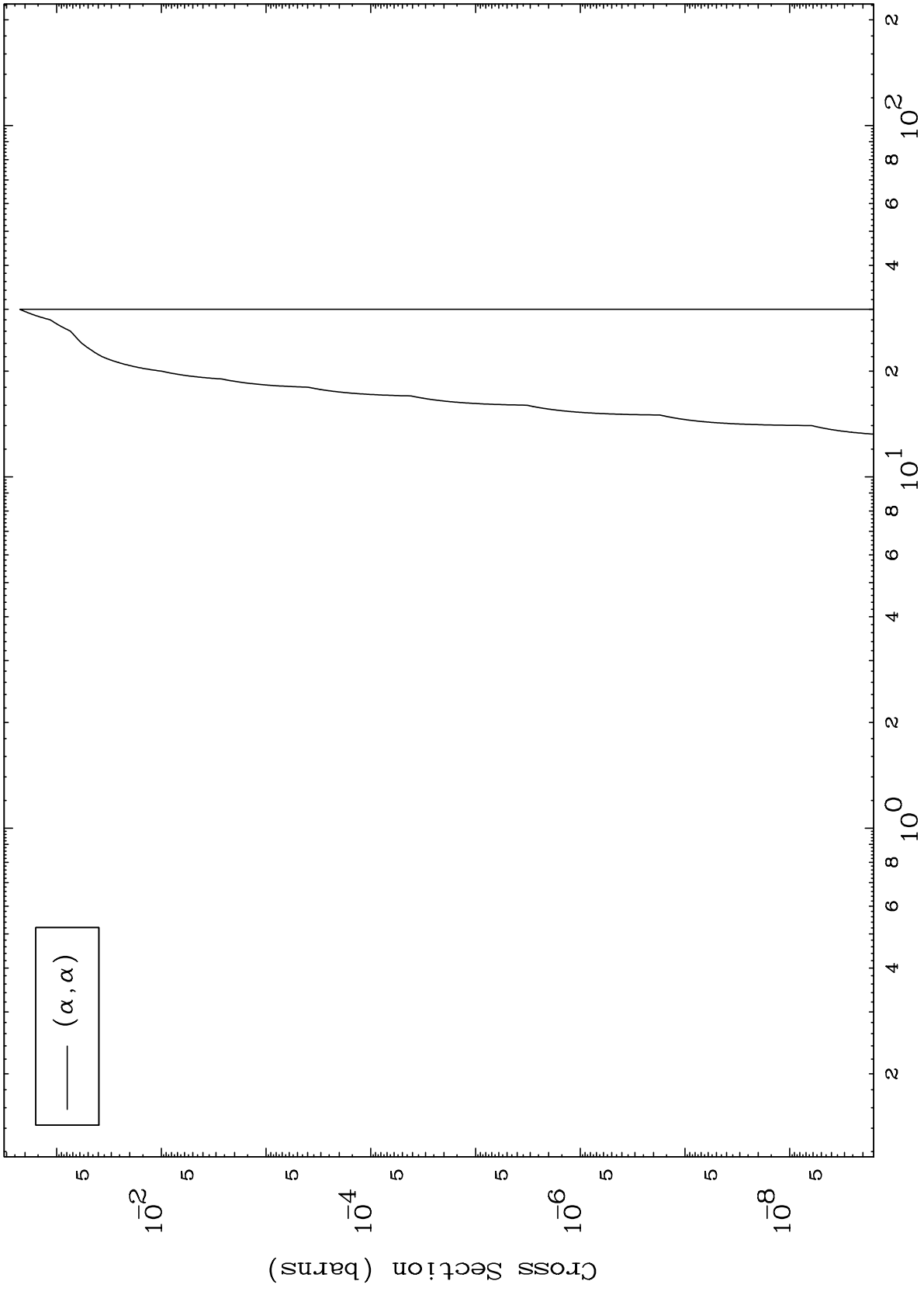




MAT 7740

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-196

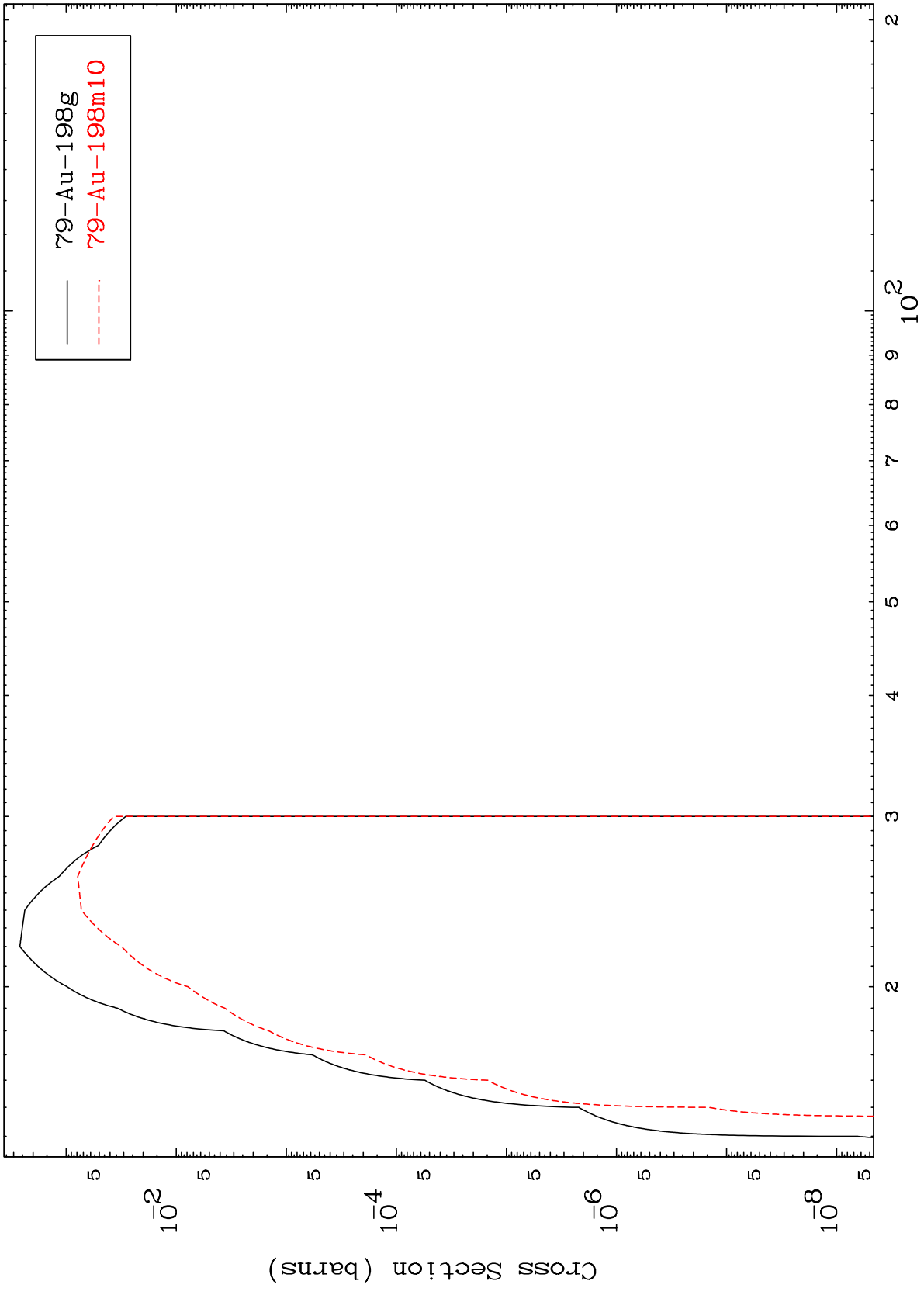


MAT 7740

($\alpha, 2n$)

⁷⁷Ir-196

Radionuclide Production Cross Section



10

Incident Energy (MeV)

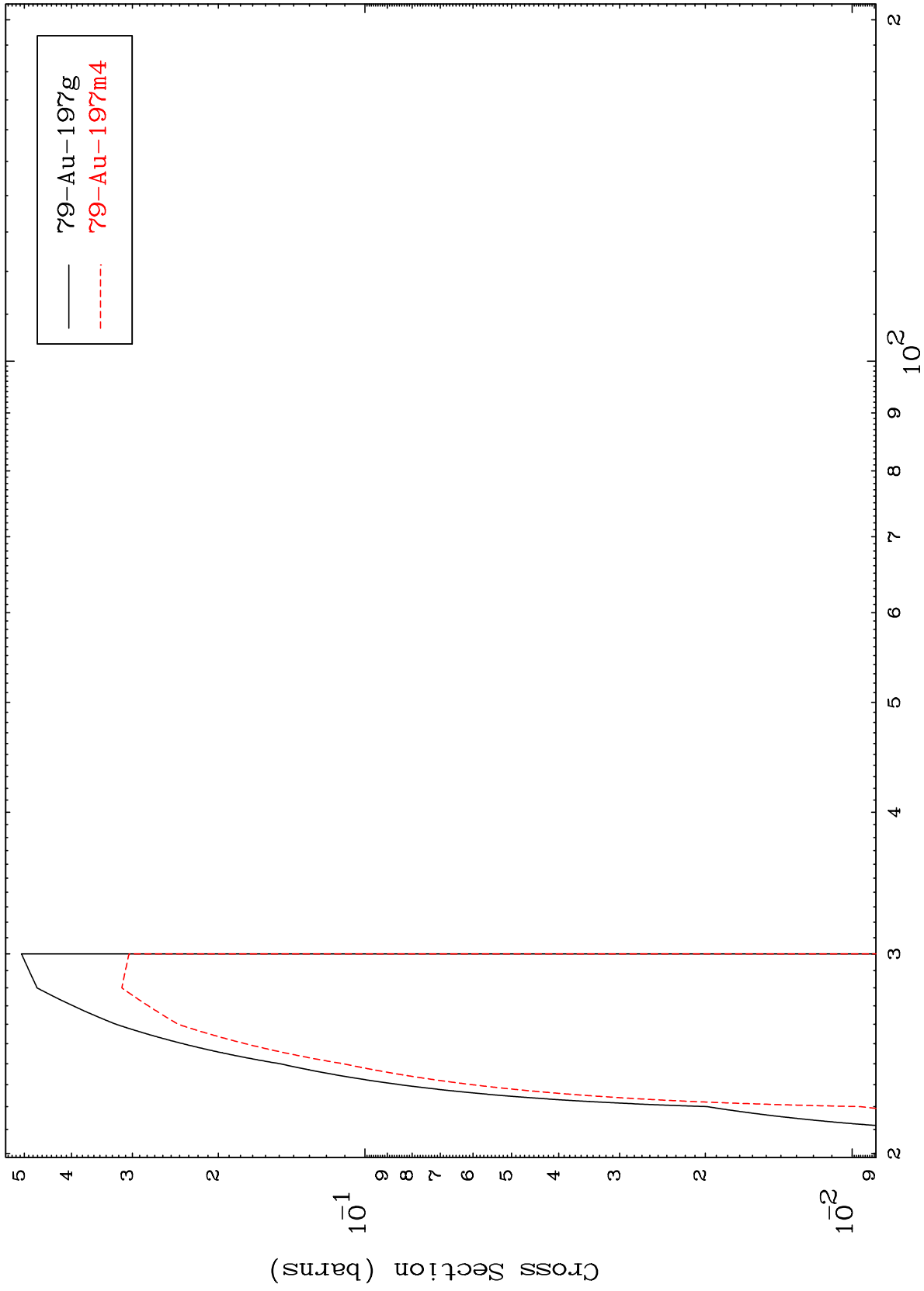
⁷⁷Ir-196

MAT 7740

($\alpha, 3n$)

77-Ir-196

Radionuclide Production Cross Section



11

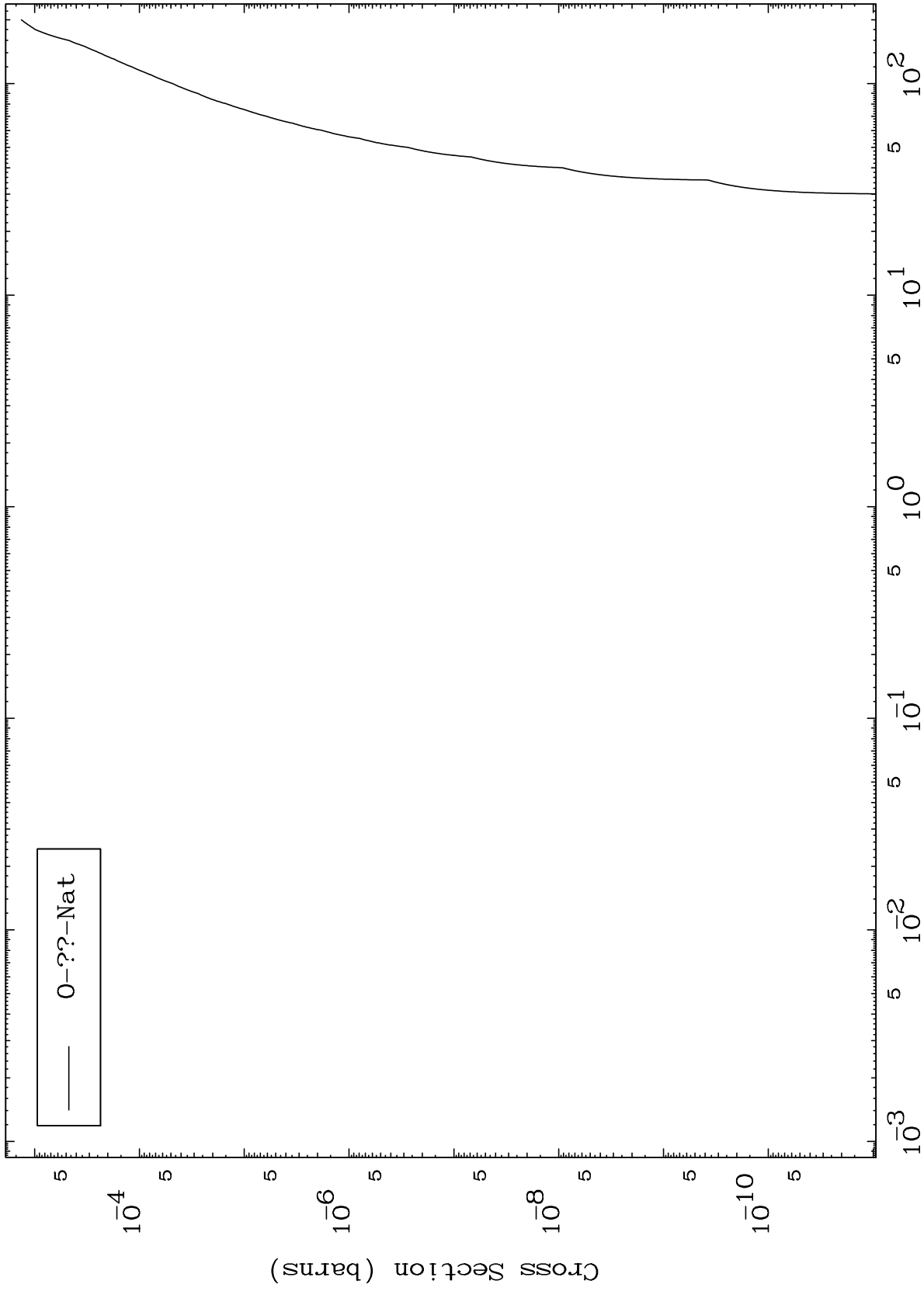
Incident Energy (MeV)

77-Ir-196

MAT 7740

α Fission
Radionuclide Production Cross Section

77-Ir-196



12

Incident Energy (MeV)

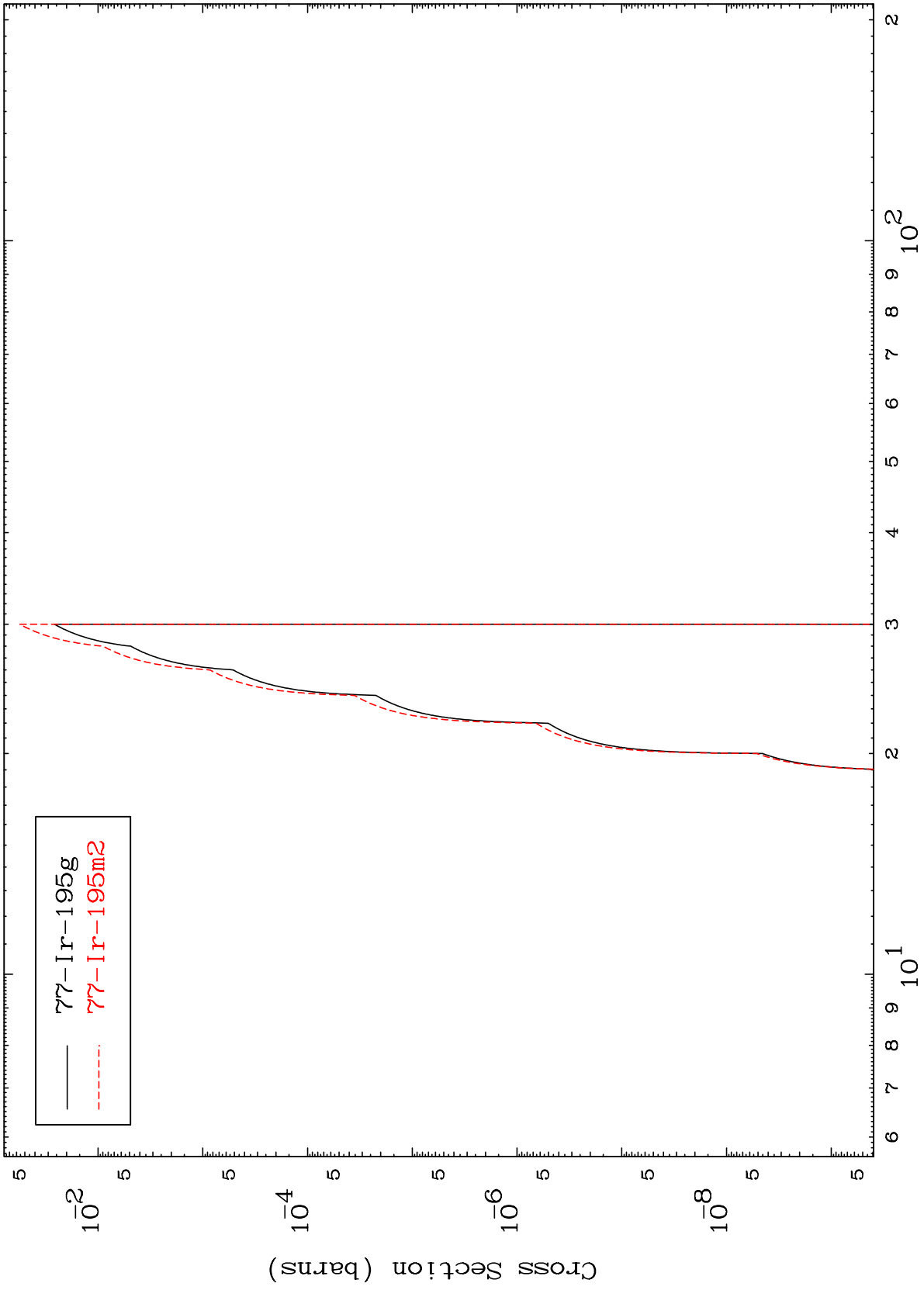
77-Ir-196

MAT 7740

(α, n') α

⁷⁷Ir-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

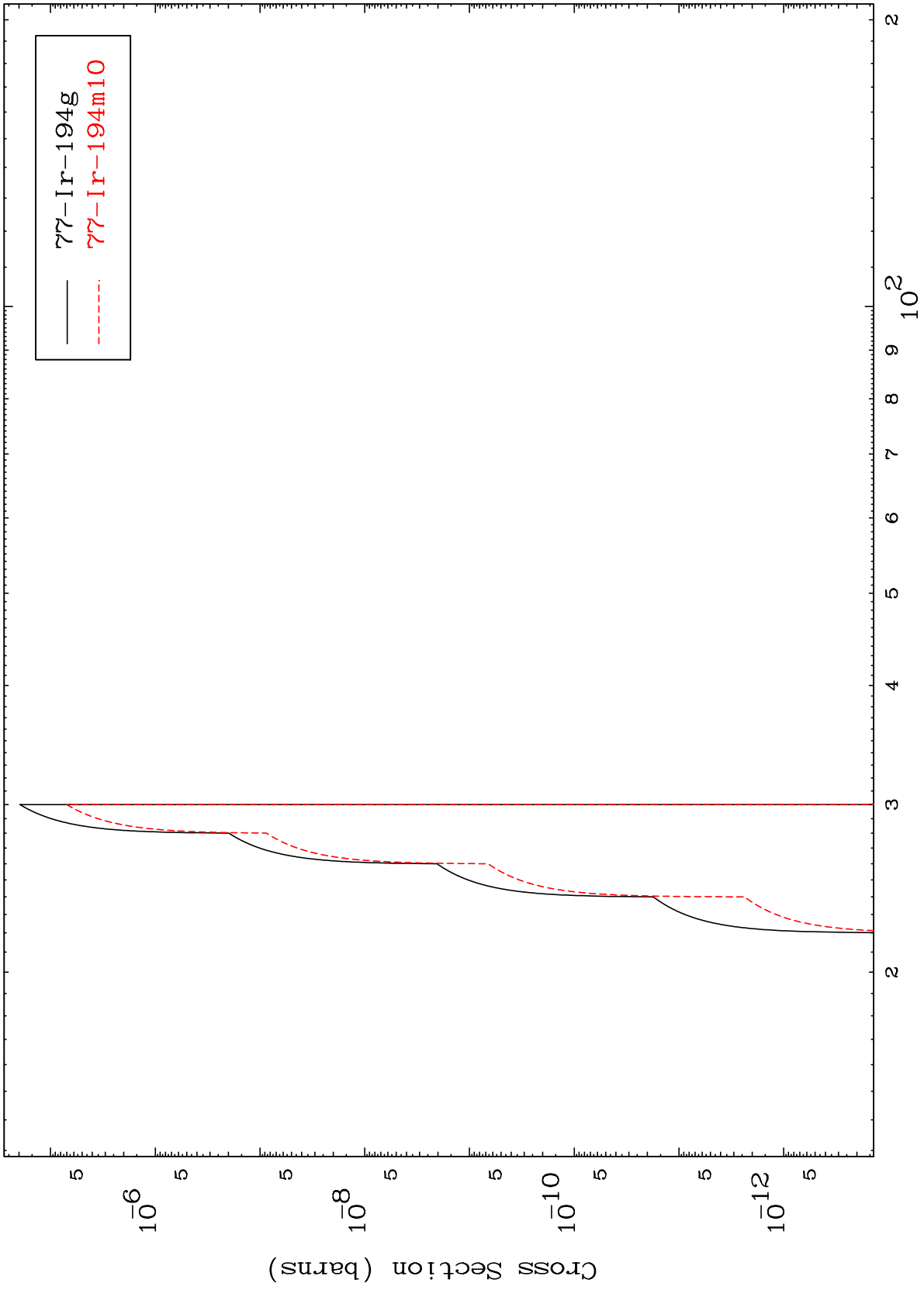
⁷⁷Ir-196

MAT 7740

$(\alpha, 2n) \alpha$

77-Ir-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

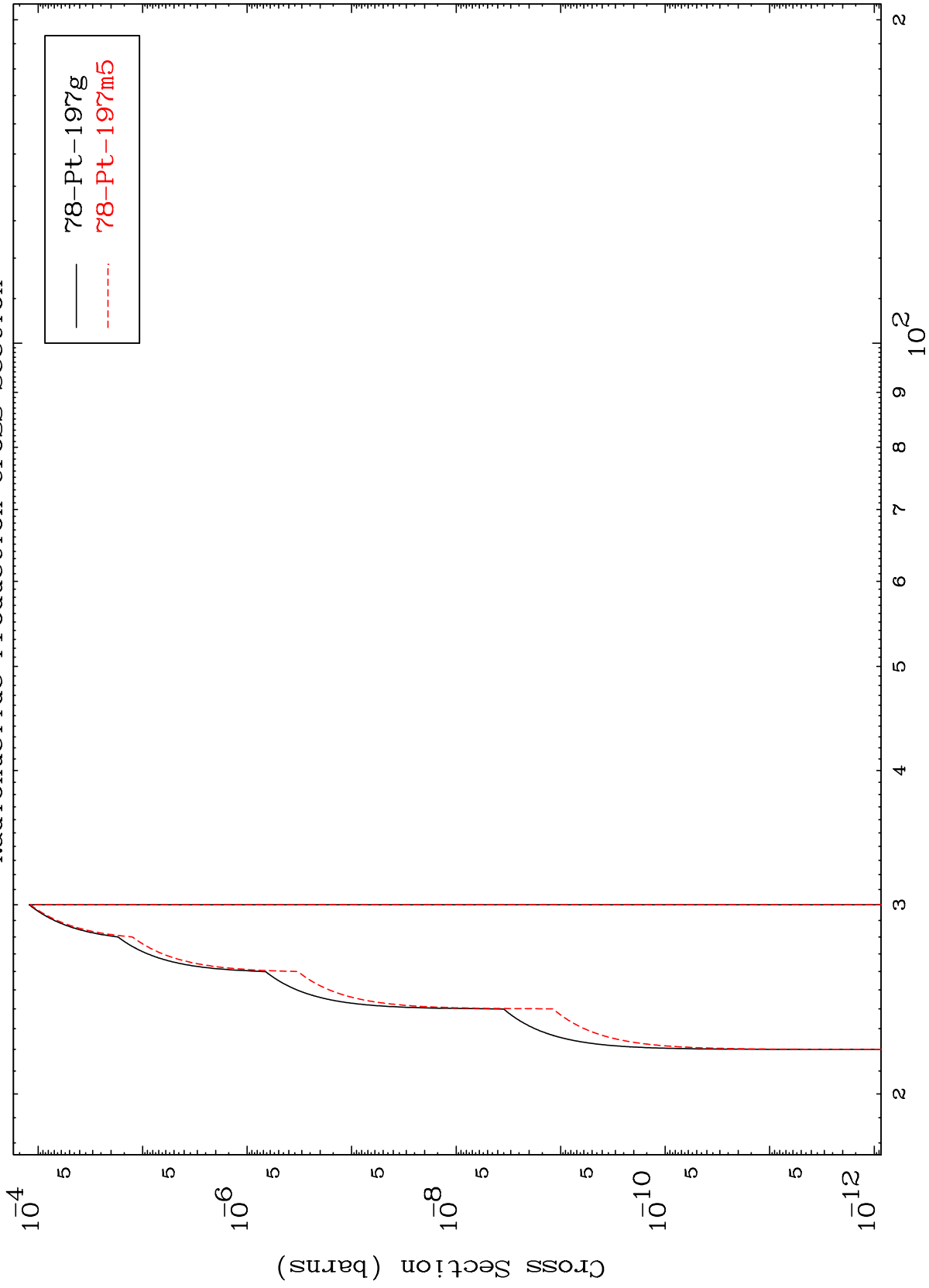
77-Ir-196

MAT 7740

(α, n') d

77-Ir-196

Radionuclide Production Cross Section



15

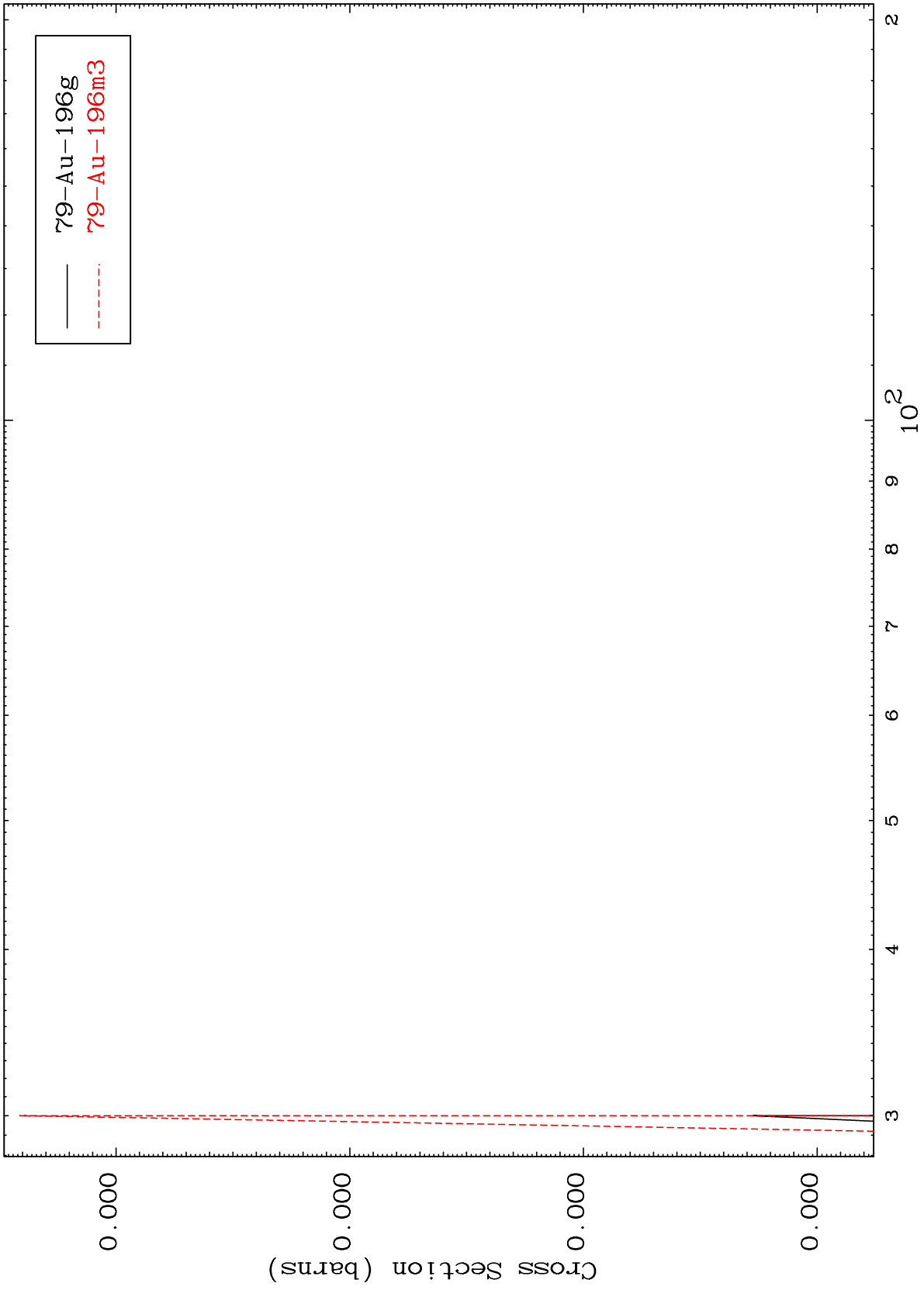
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

($\alpha, 4n$)
Radionuclide Production Cross Section



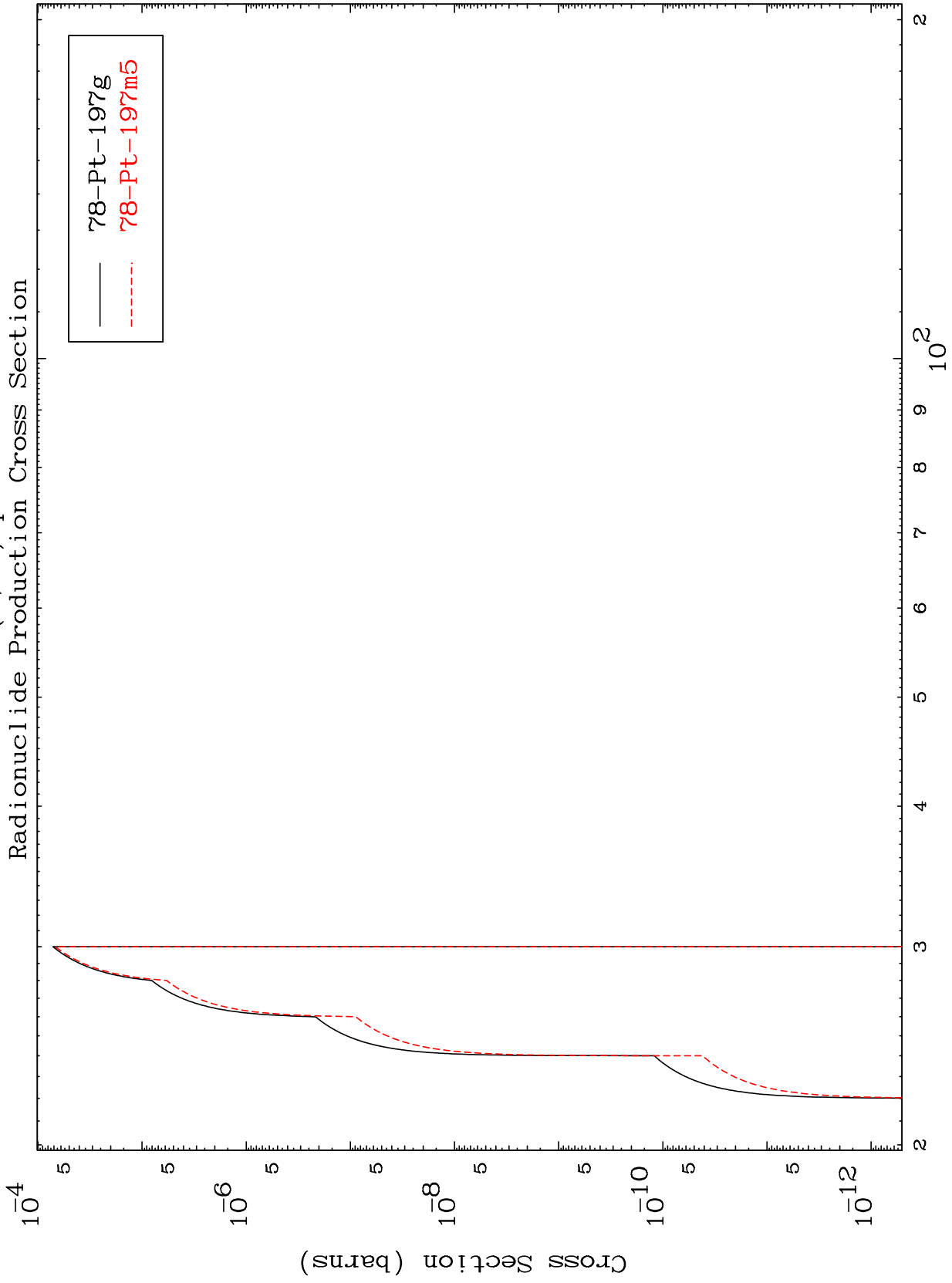
16

77-Ir-196

MAT 7740

$(\alpha, 2n)$ p

77-Ir-196



17

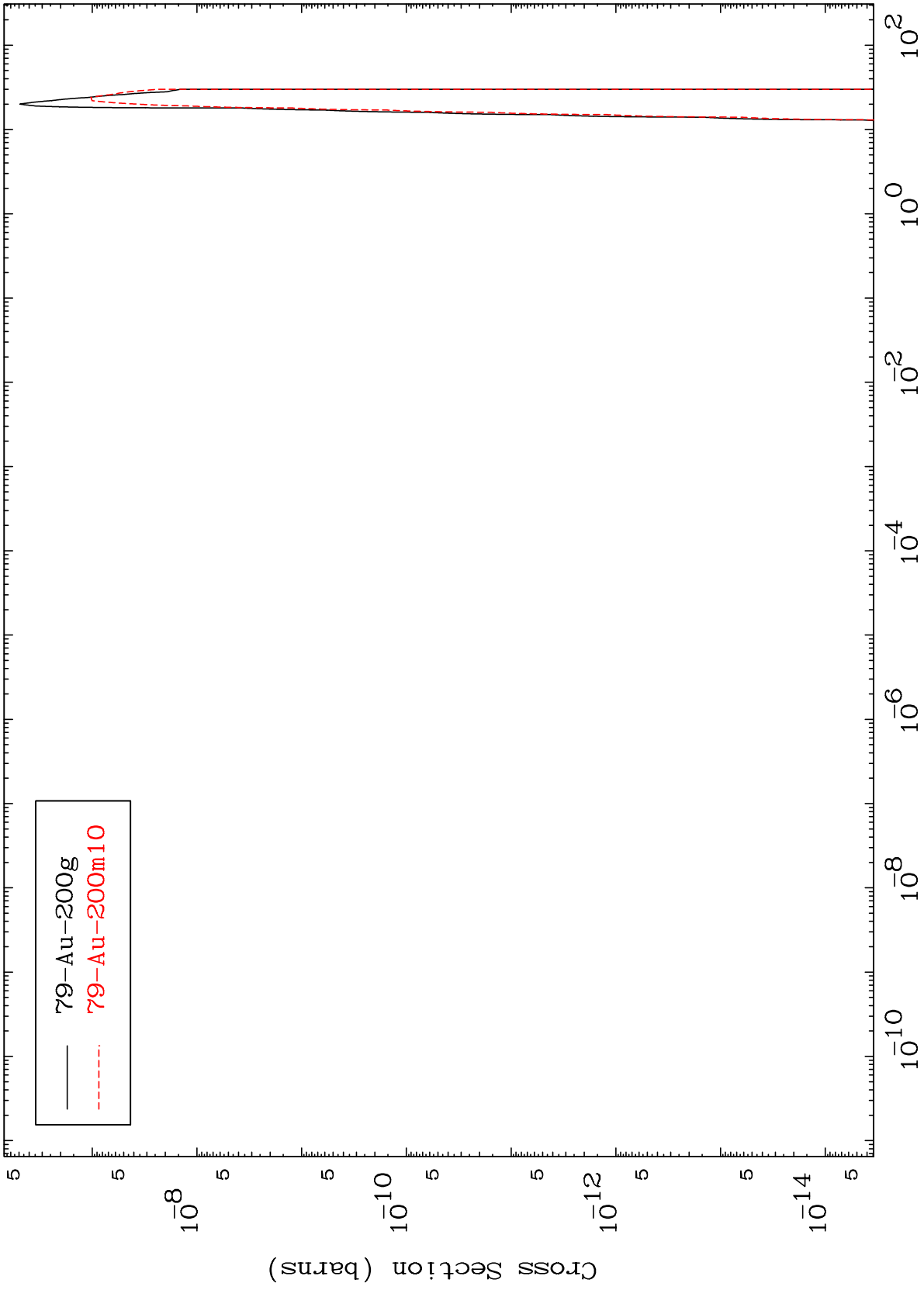
Incident Energy (MeV)

77-Ir-196

MAT 7740

Radionuclide Production Cross Section
(α, γ)

⁷⁷Ir-196



18

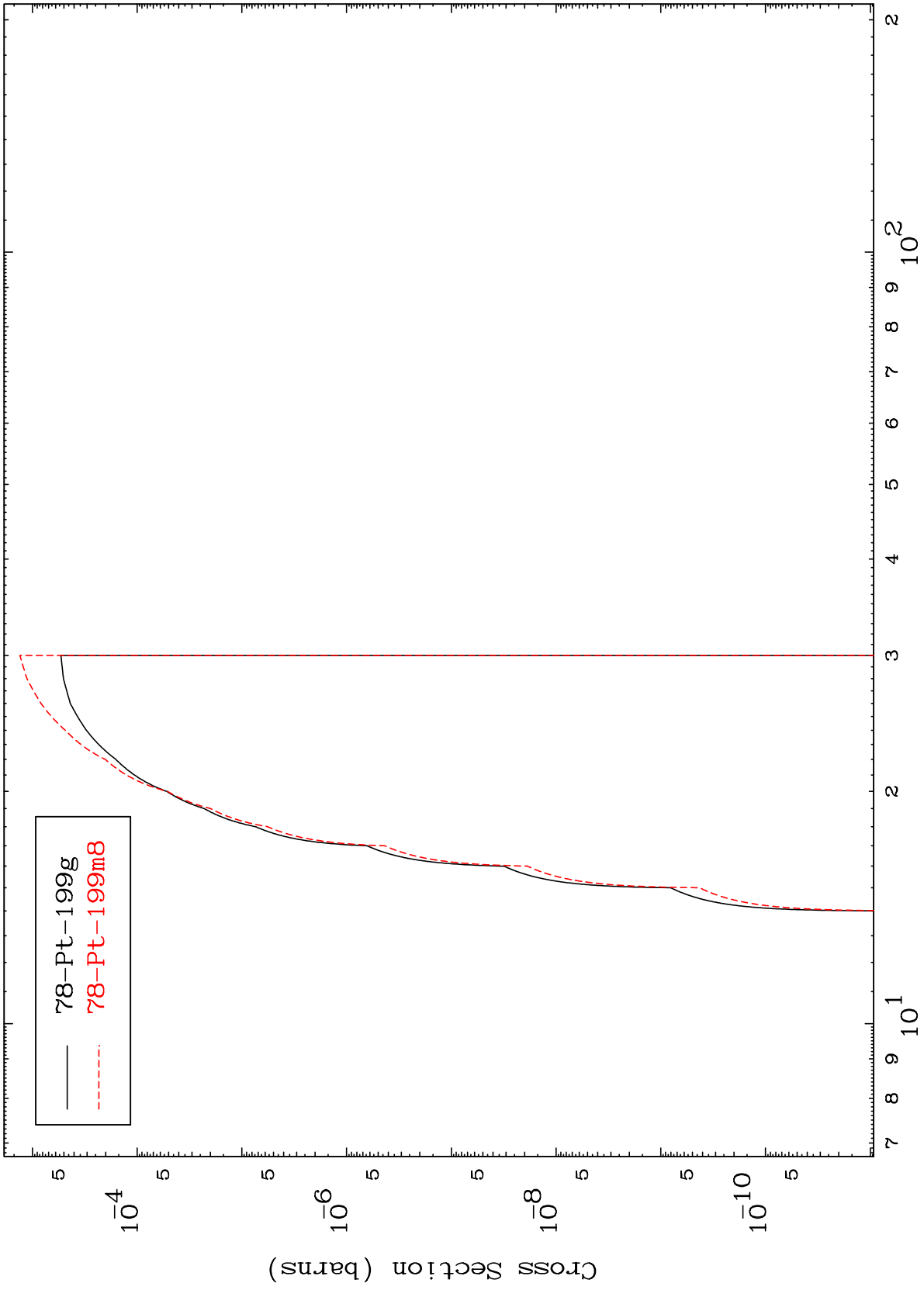
Incident Energy (MeV)

⁷⁷Ir-196

MAT 7740

77-Ir-196

(α, p)
Radionuclide Production Cross Section



19

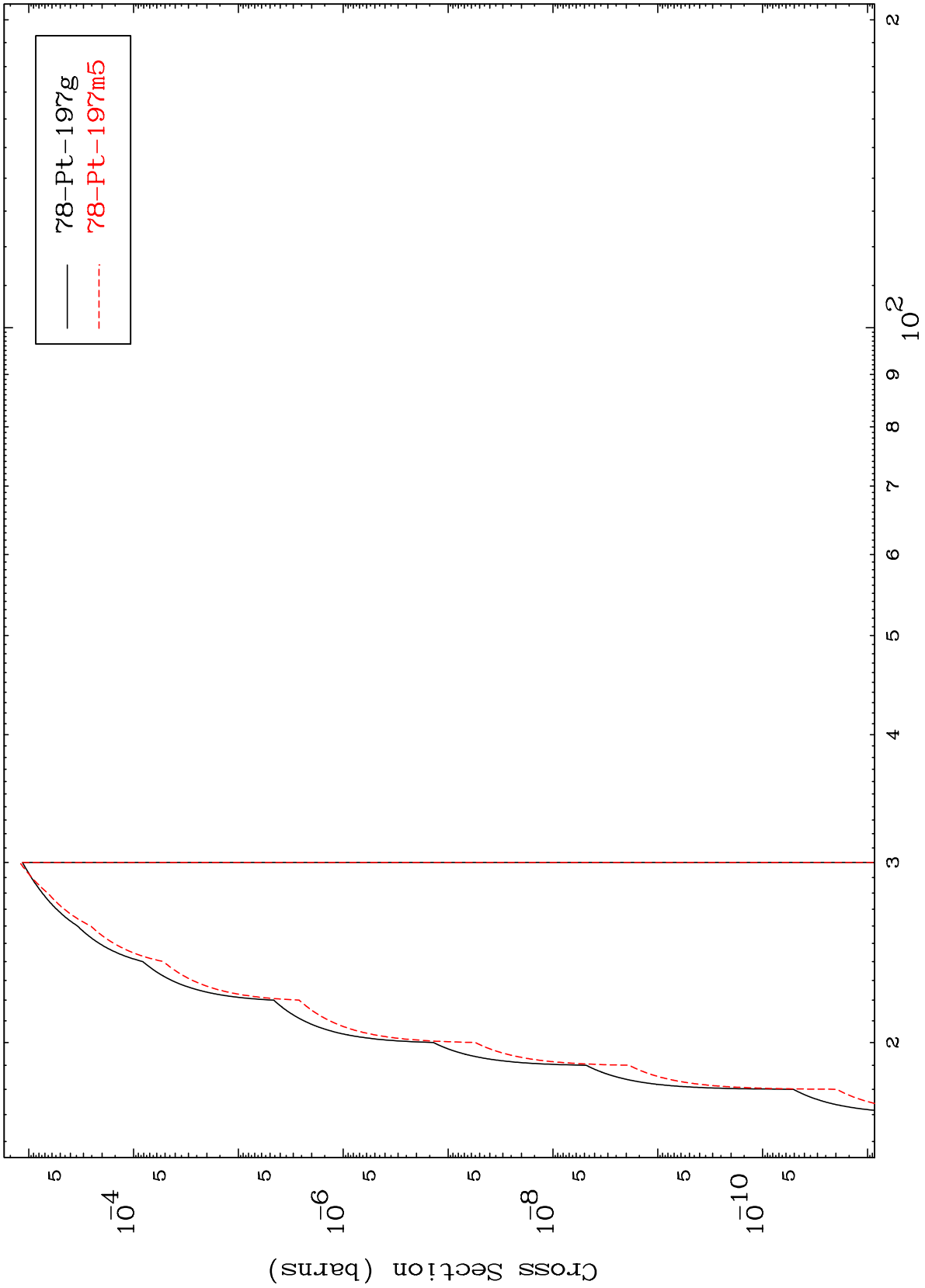
77-Ir-196

77-Ir-196

MAT 7740

77-Ir-196

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

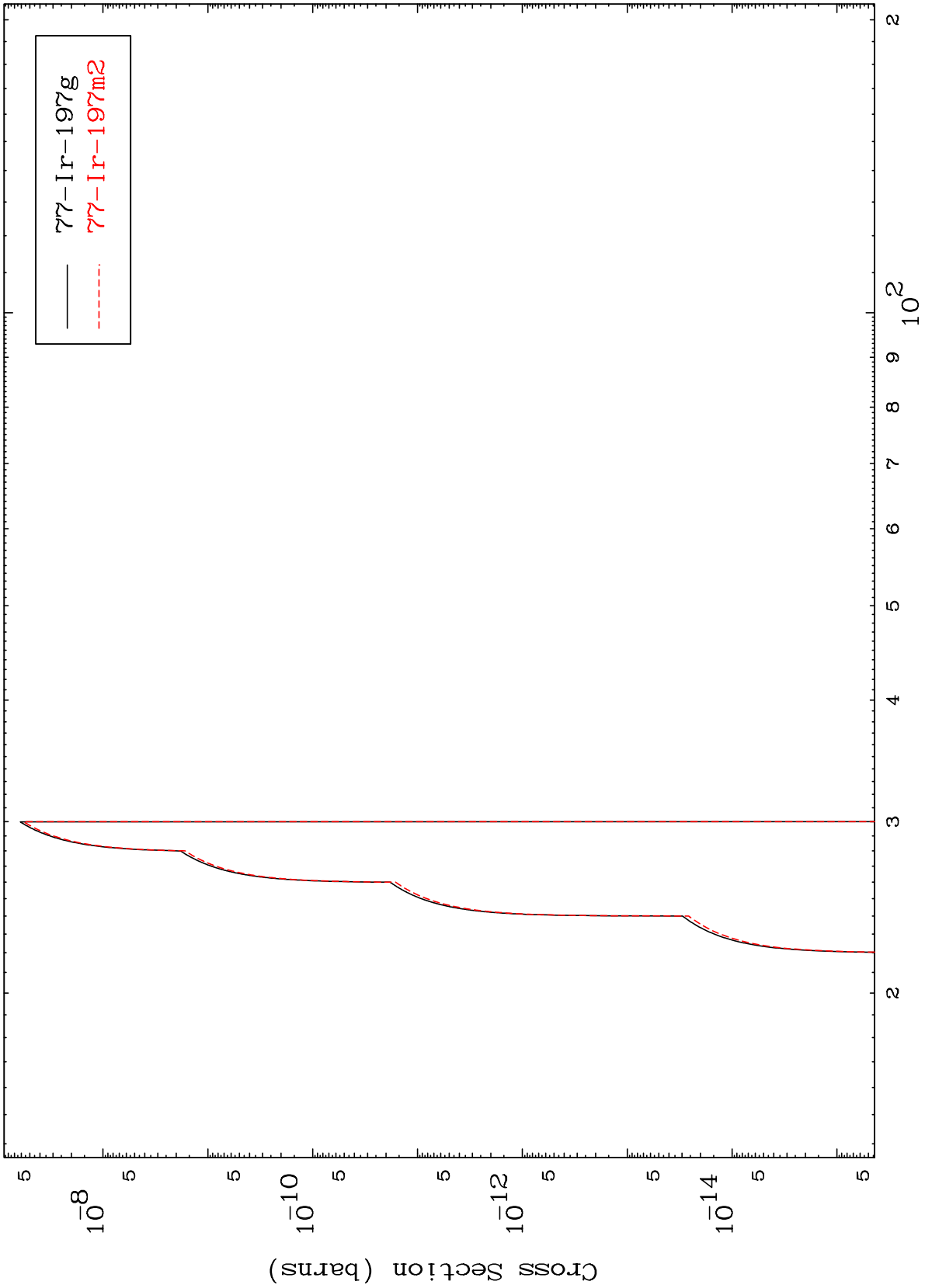
77-Ir-196

MAT 7740

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

77-Ir-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

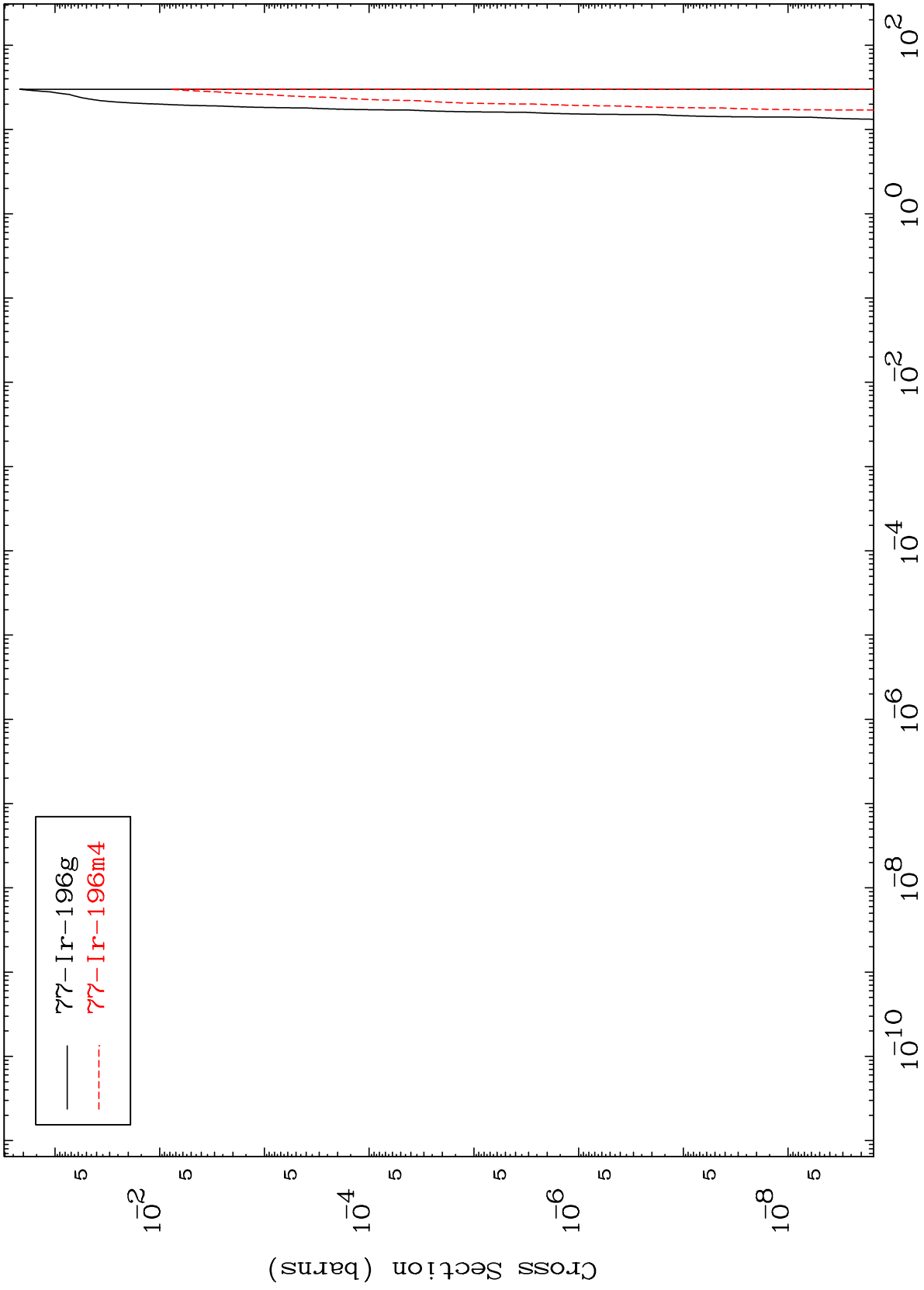
77-Ir-196

MAT 7740

(α, α)

⁷⁷Ir-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

⁷⁷Ir-196