

Program EVALPLOT
(Version 2018-1)

by

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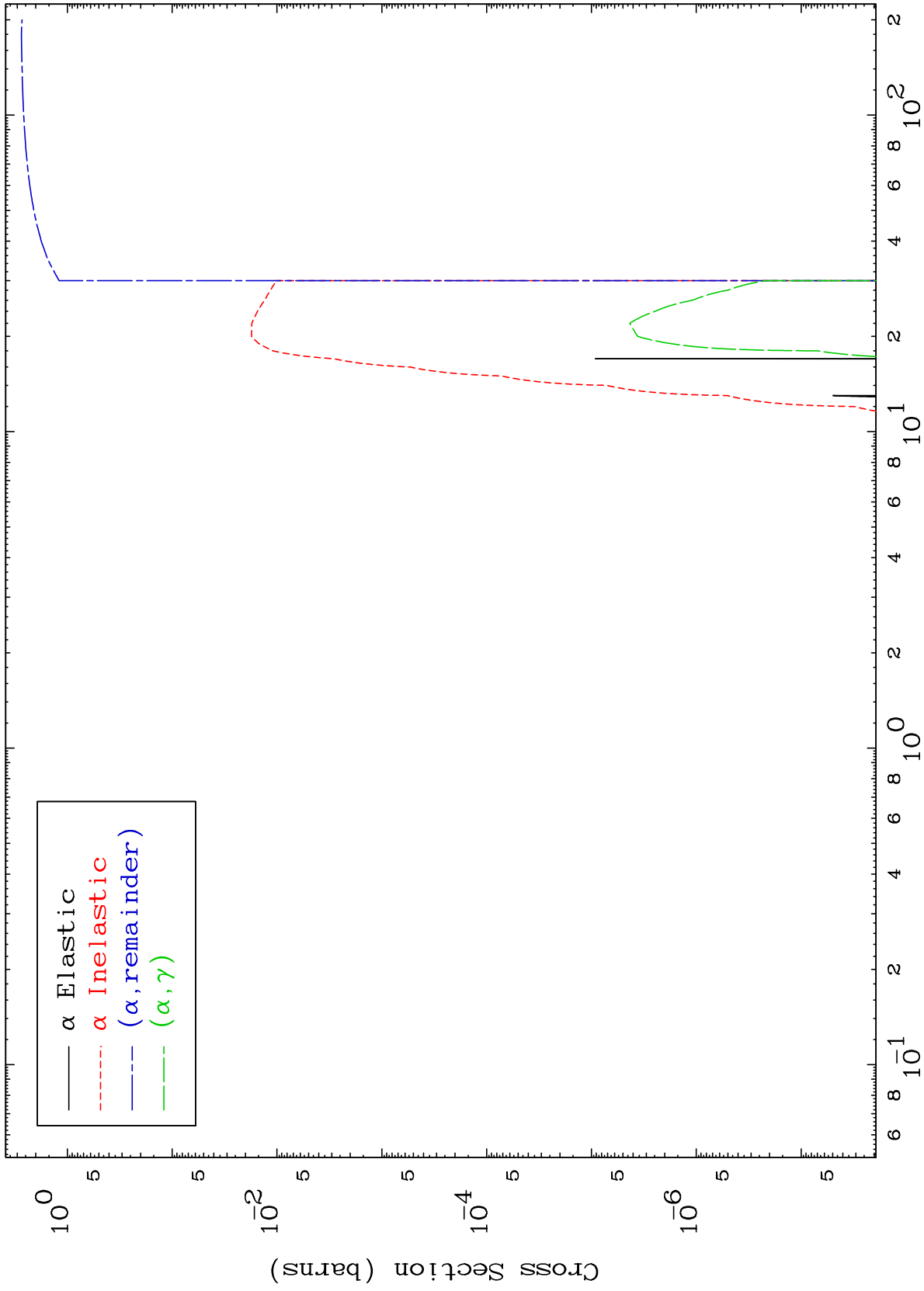
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7735

0 Kelvin α Major
Cross Sections

77-Ir-194



1

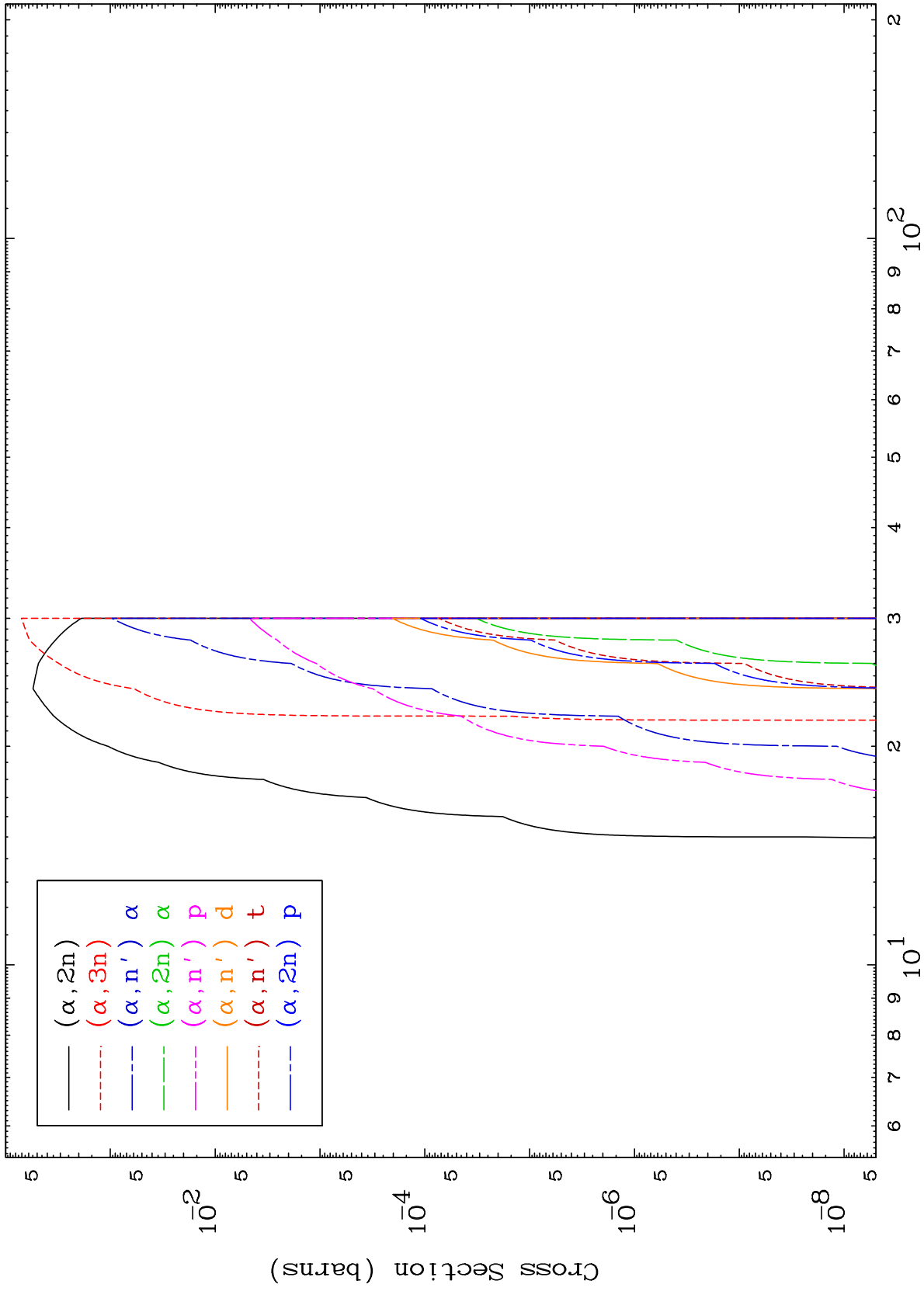
Incident Energy (MeV)

77-Ir-194

MAT 7735

α Neutron Production
0 Kelvin Cross Sections

77-Ir-194



2

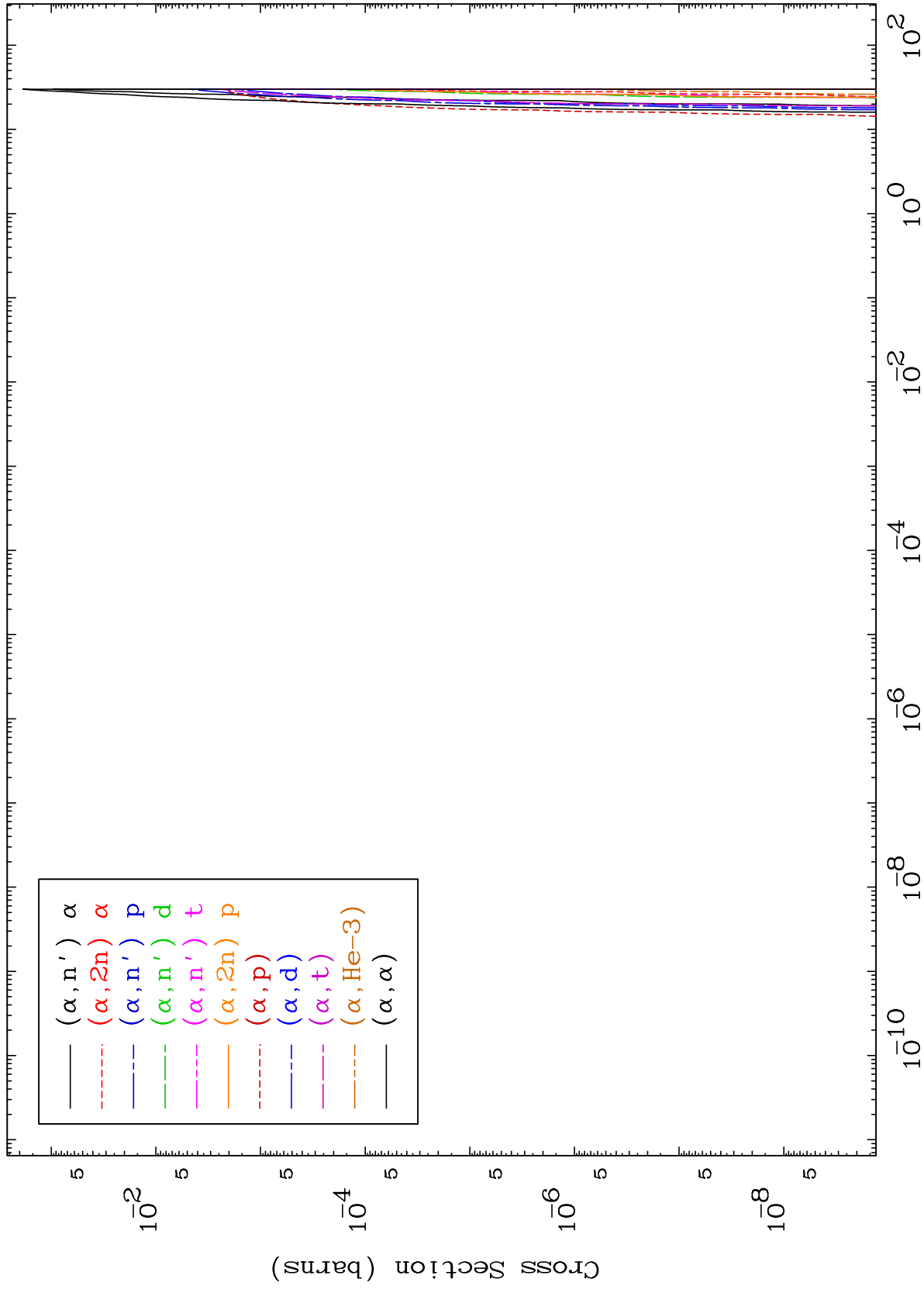
Incident Energy (MeV)

77-Ir-194

MAT 7735

α Charged Particle
0 Kelvin Cross Sections

77-Ir-194



3

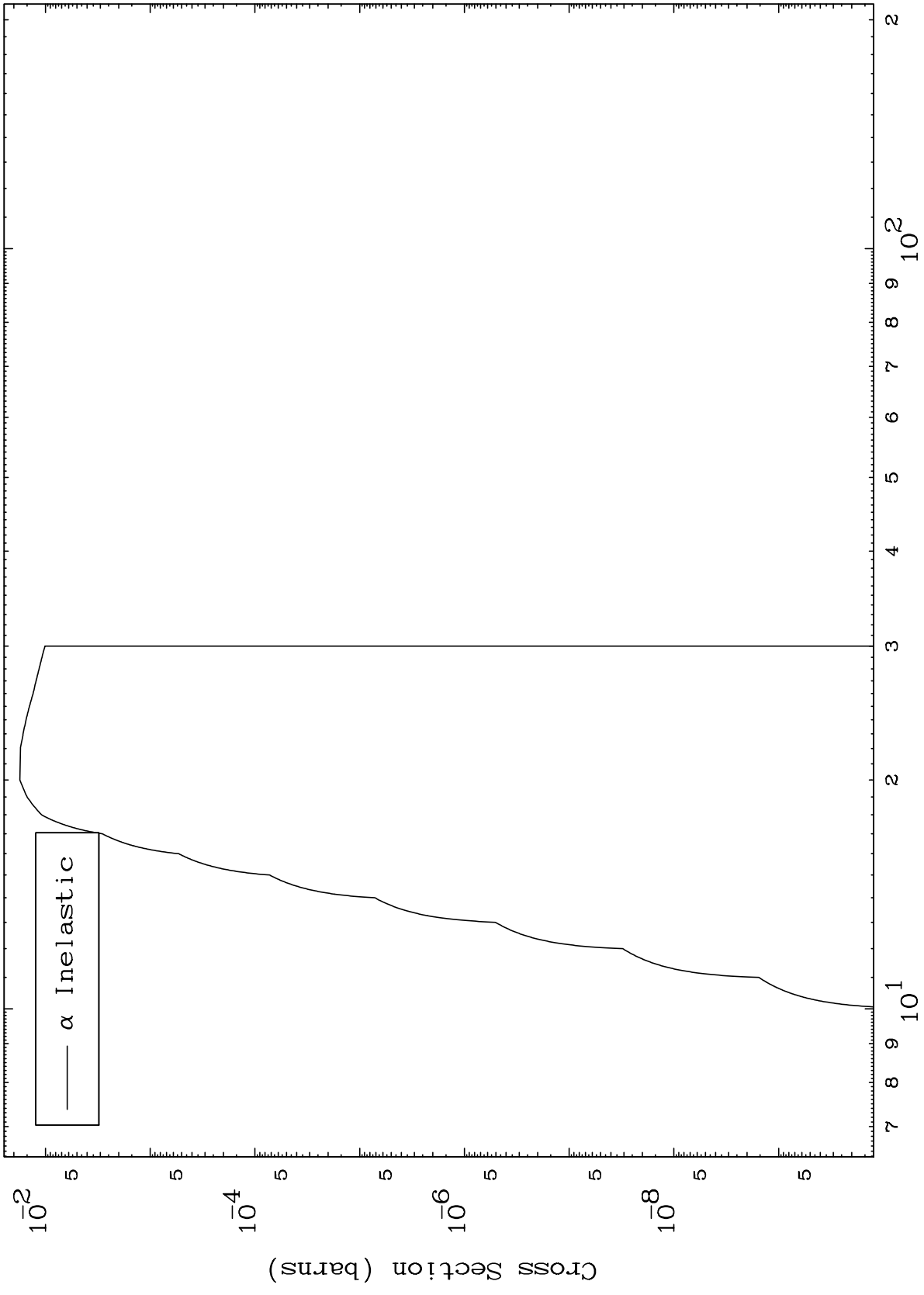
Incident Energy (MeV)

77-Ir-194

MAT 7735

(α, n') Level
0 Kelvin Cross Sections

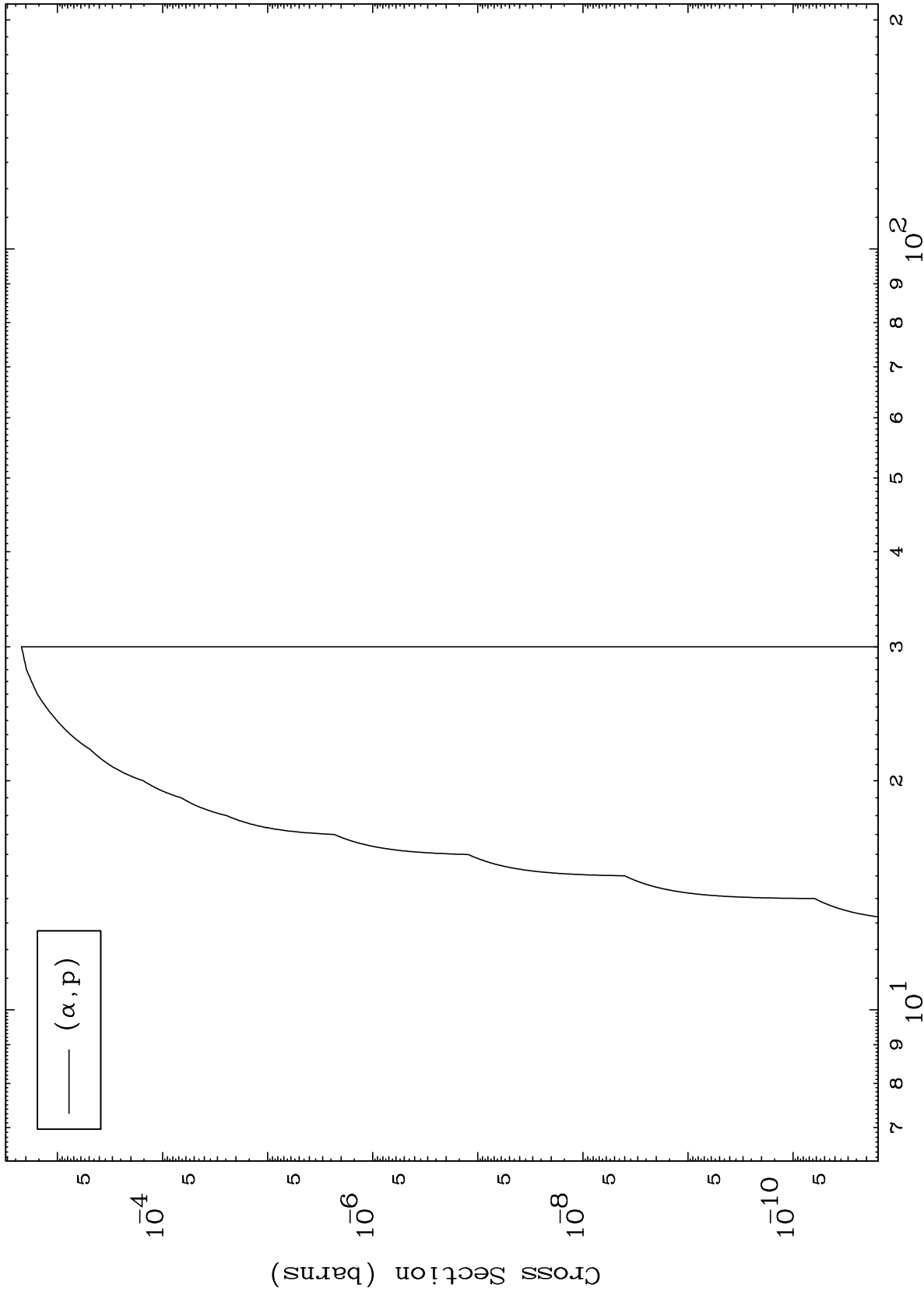
77-Ir-194



4

Incident Energy (MeV)

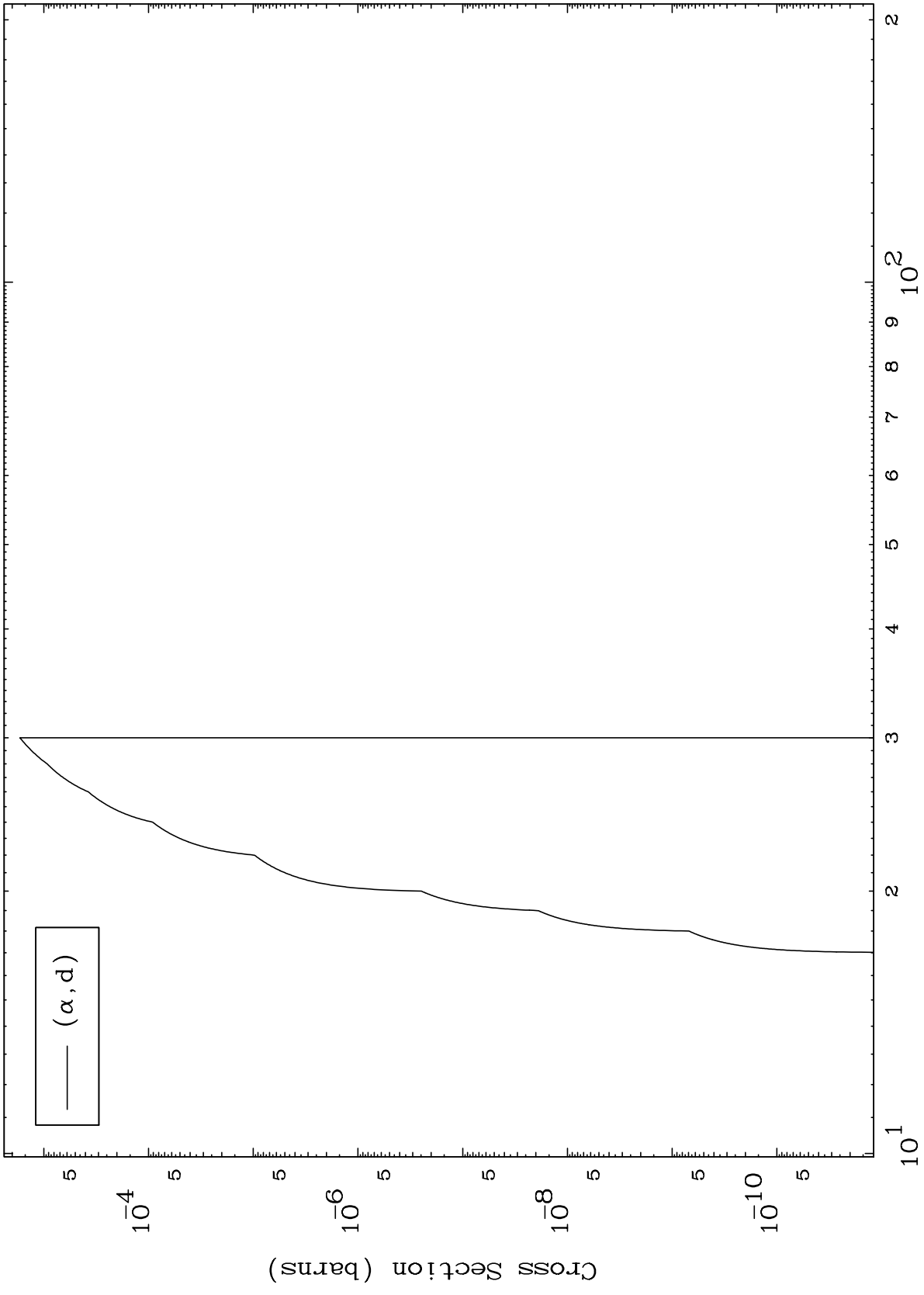
77-Ir-194



MAT 7735

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-194



6

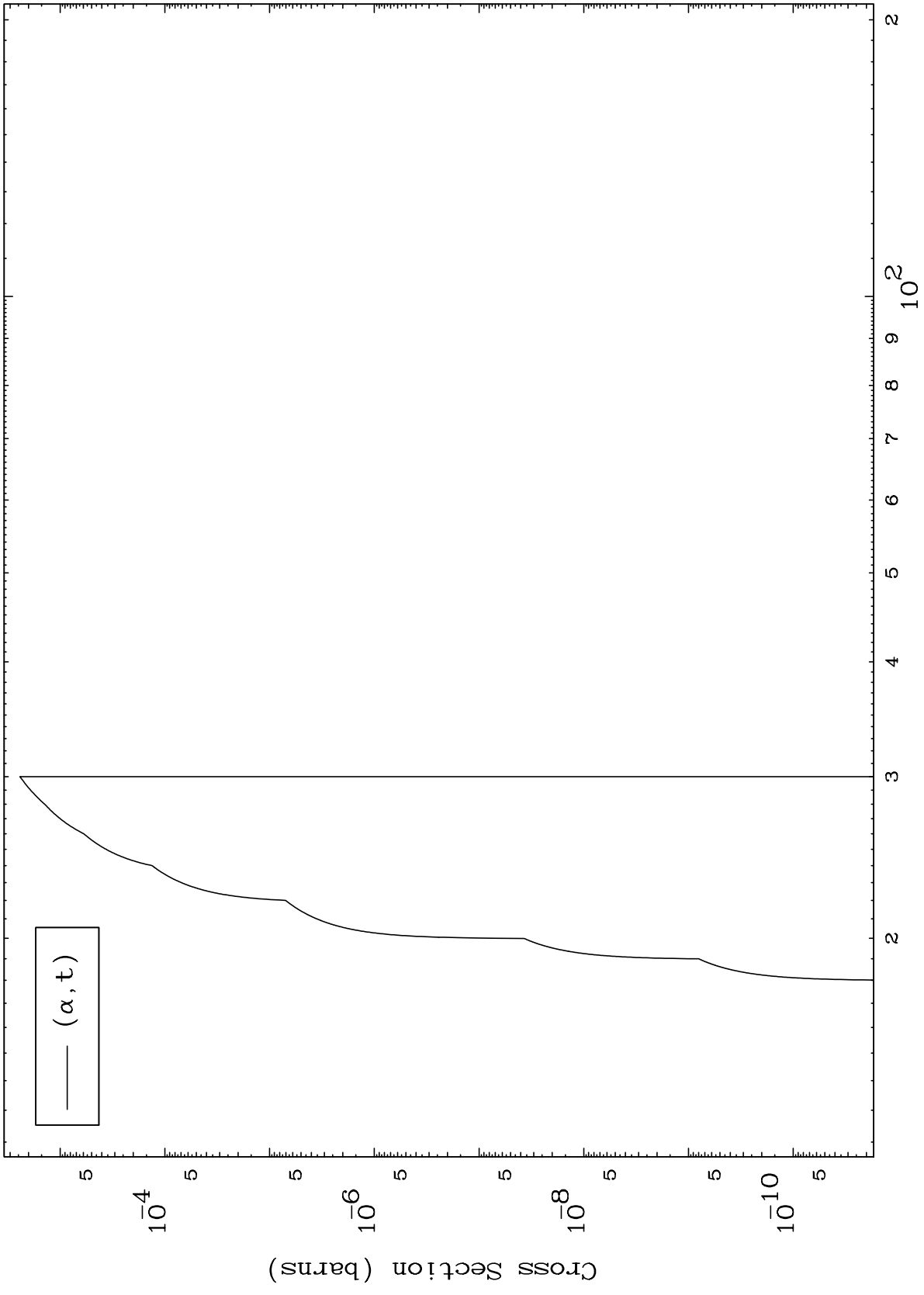
Incident Energy (MeV)

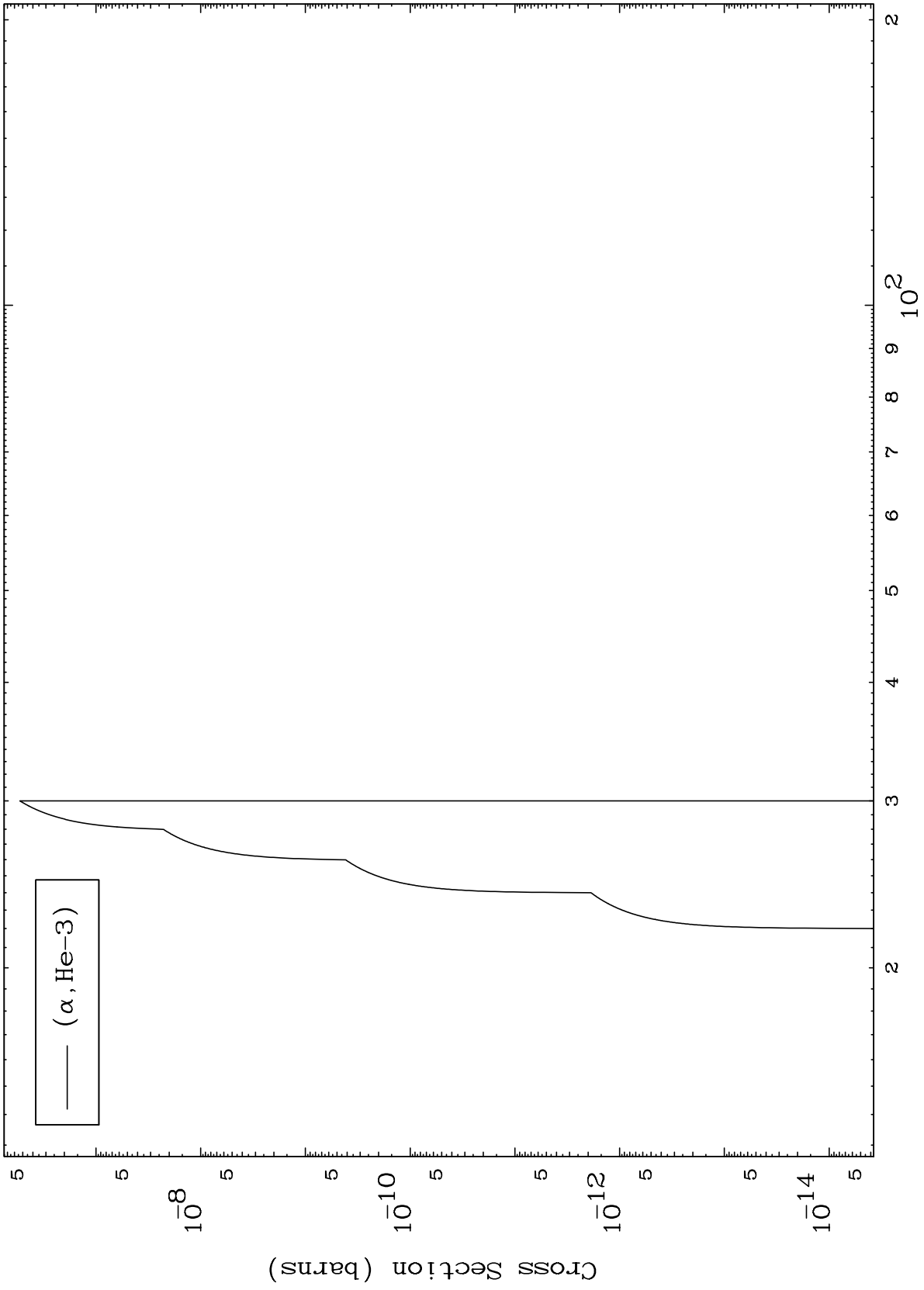
77-Ir-194

MAT 7735

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-194

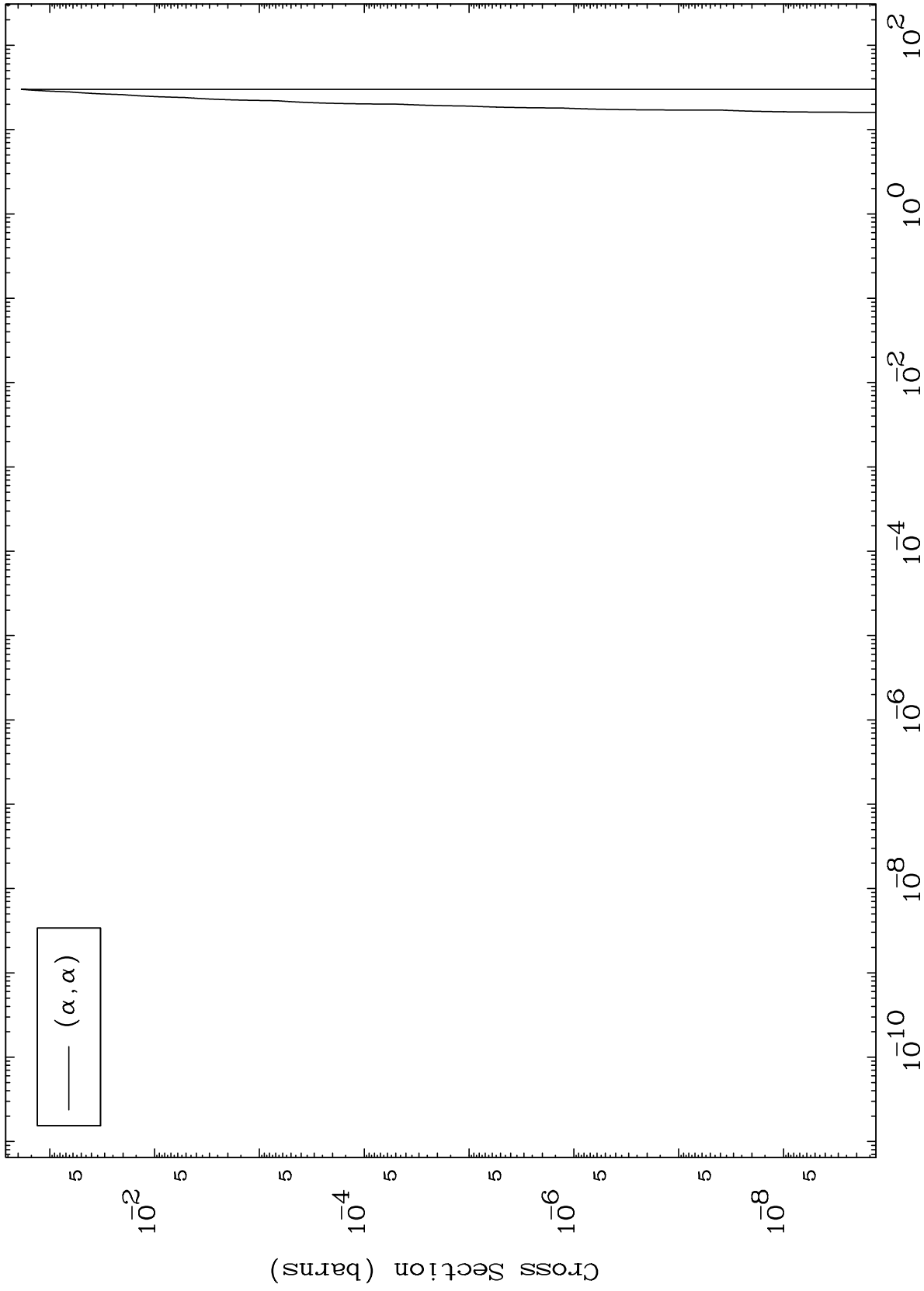




MAT 7735

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-194



9

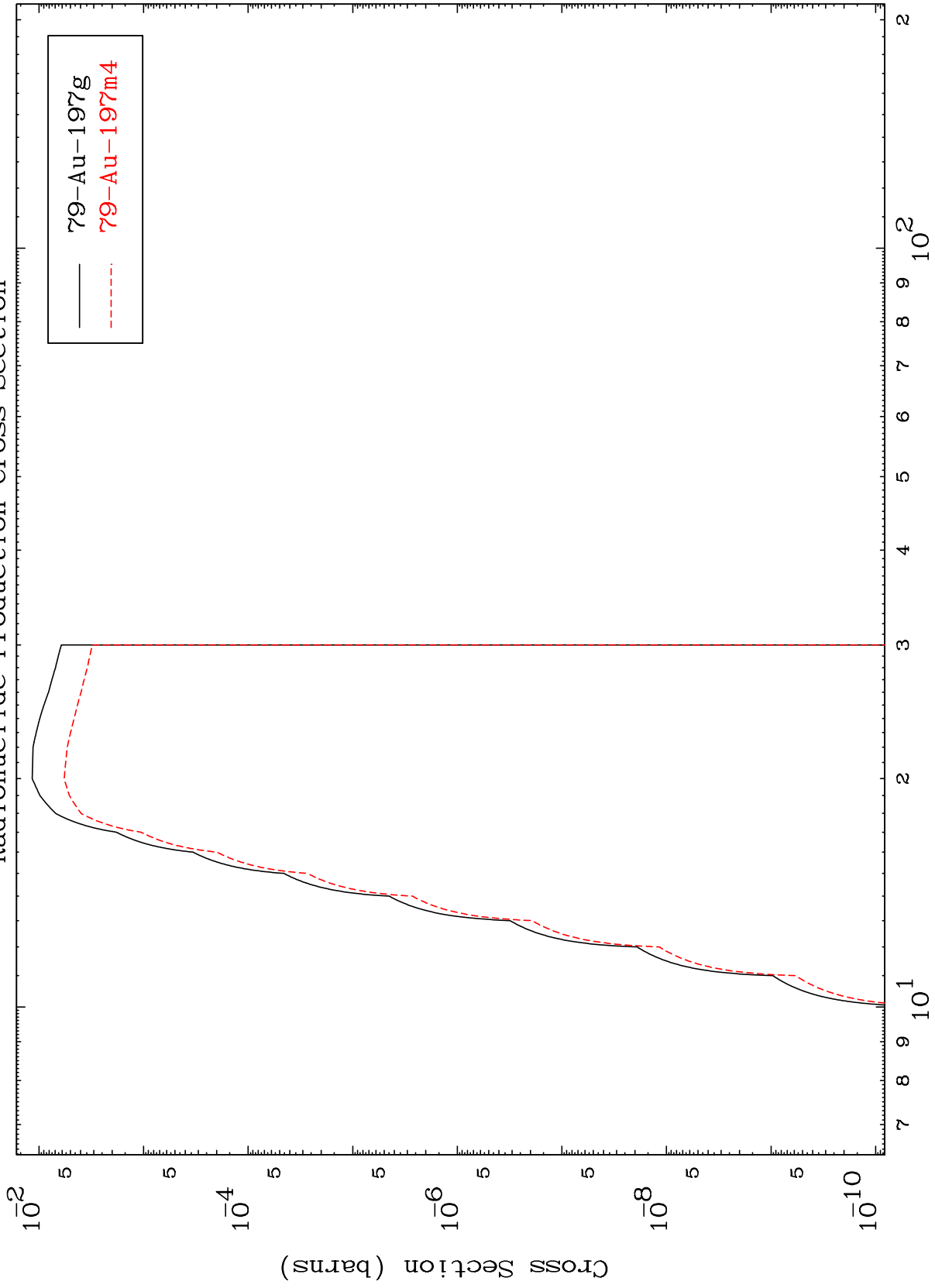
Incident Energy (MeV)

77-Ir-194

MAT 7735

α Inelastic
Radionuclide Production Cross Section

77-Ir-194



10

Incident Energy (MeV)

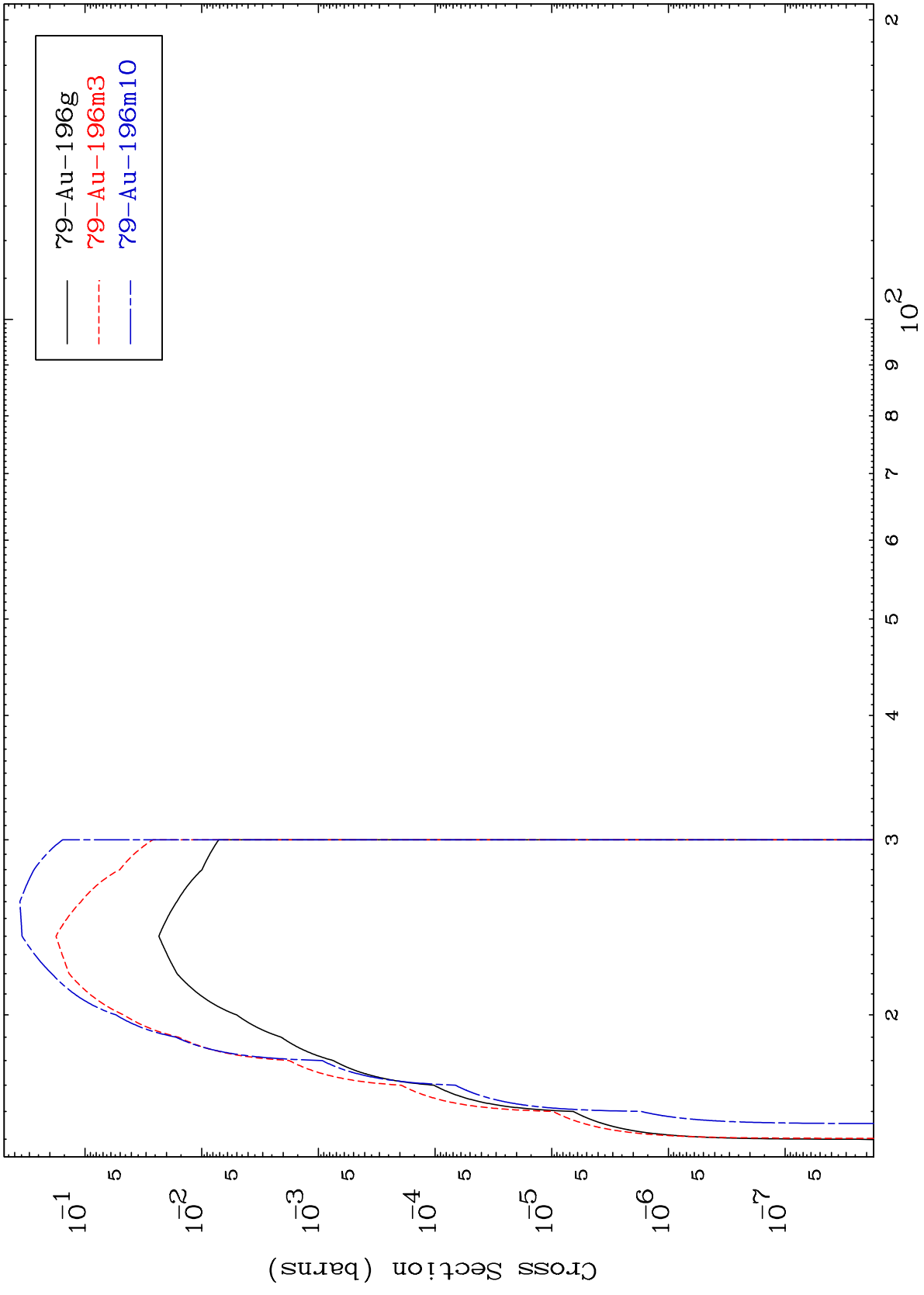
77-Ir-194

MAT 7735

($\alpha, 2n$)

⁷⁷Ir-194

Radionuclide Production Cross Section



11

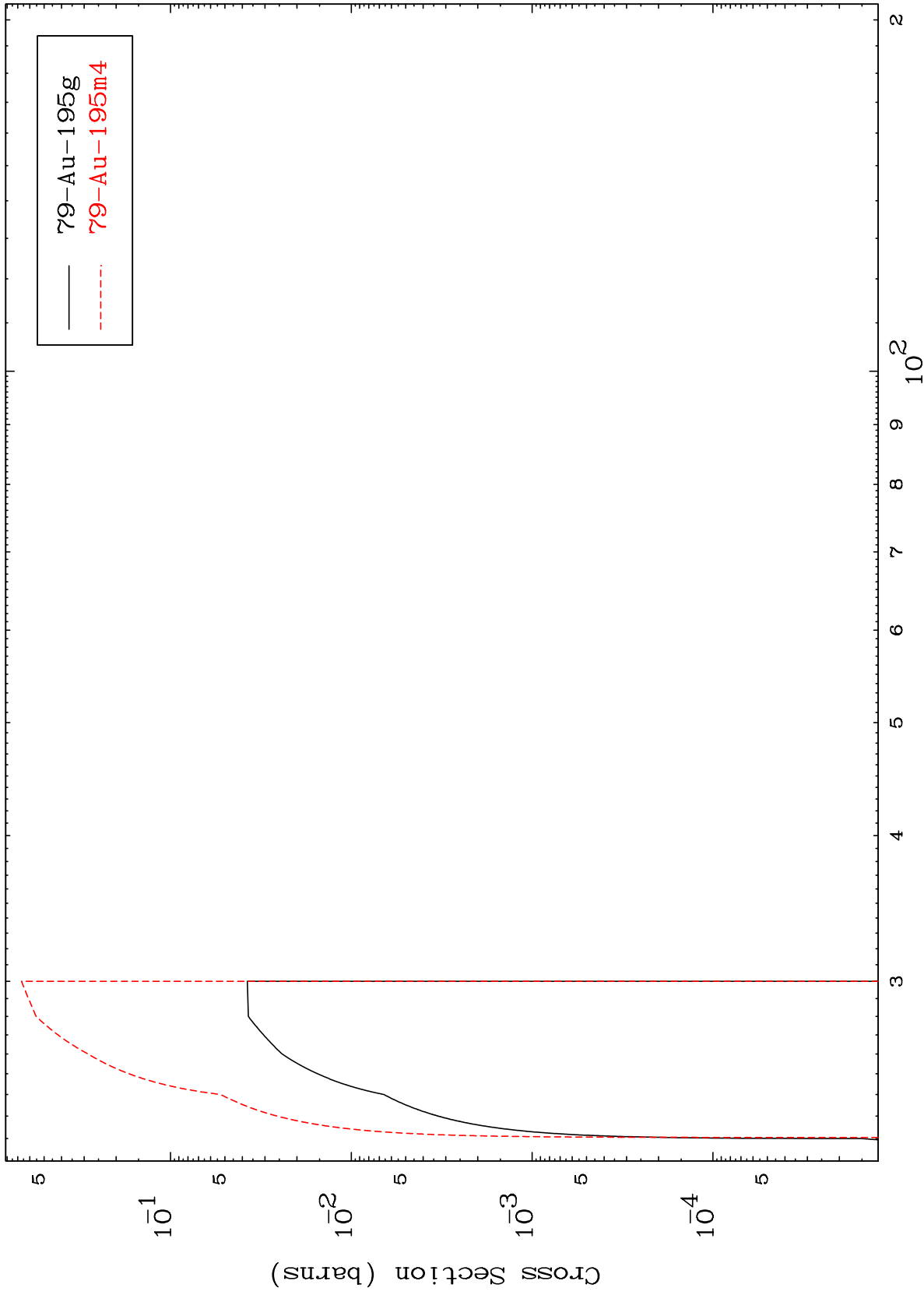
Incident Energy (MeV)

⁷⁷Ir-194

MAT 7735

77-Ir-194

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



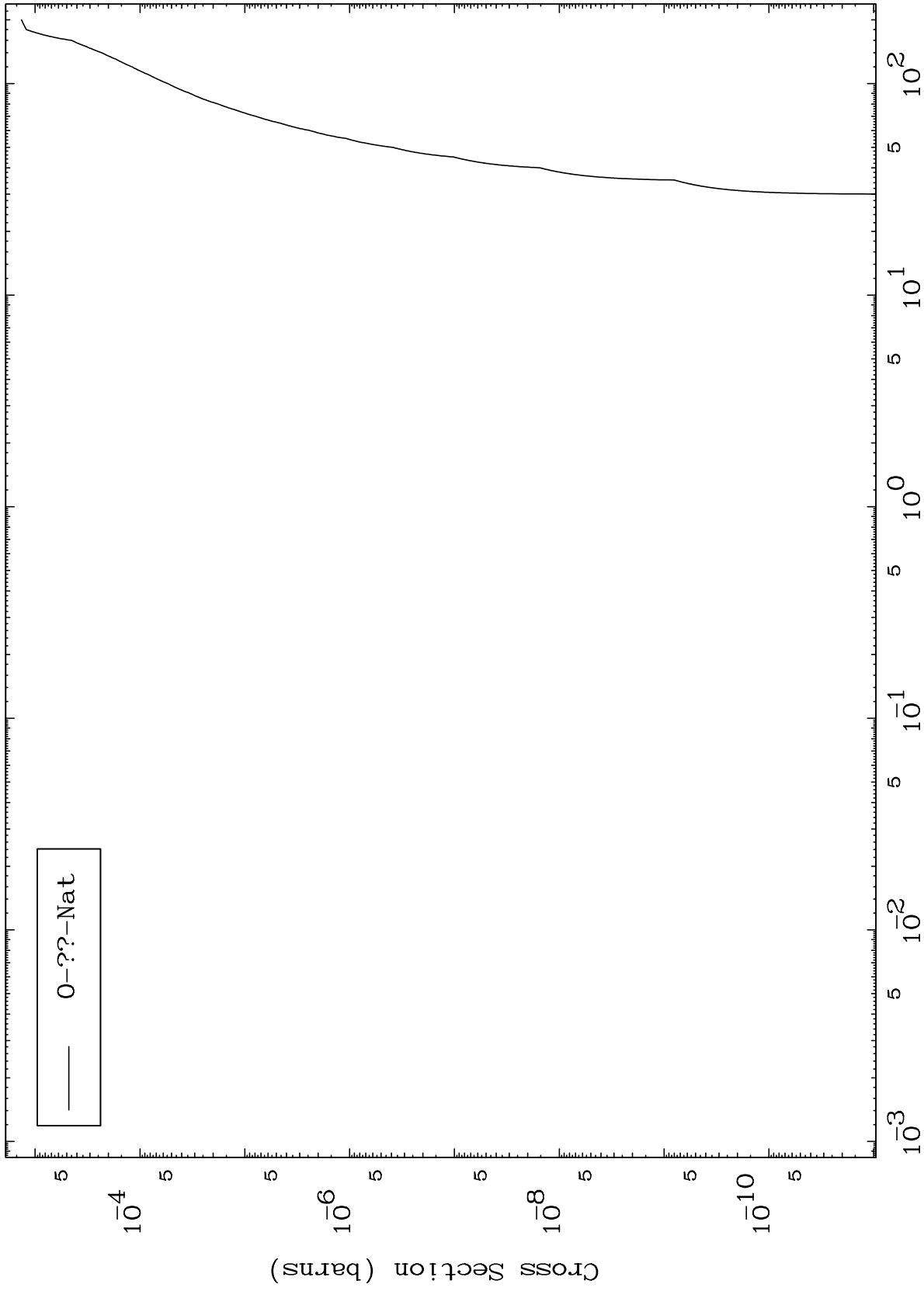
12

77-Ir-194

MAT 7735

α Fission
Radionuclide Production Cross Section

77-Ir-194



13

Incident Energy (MeV)

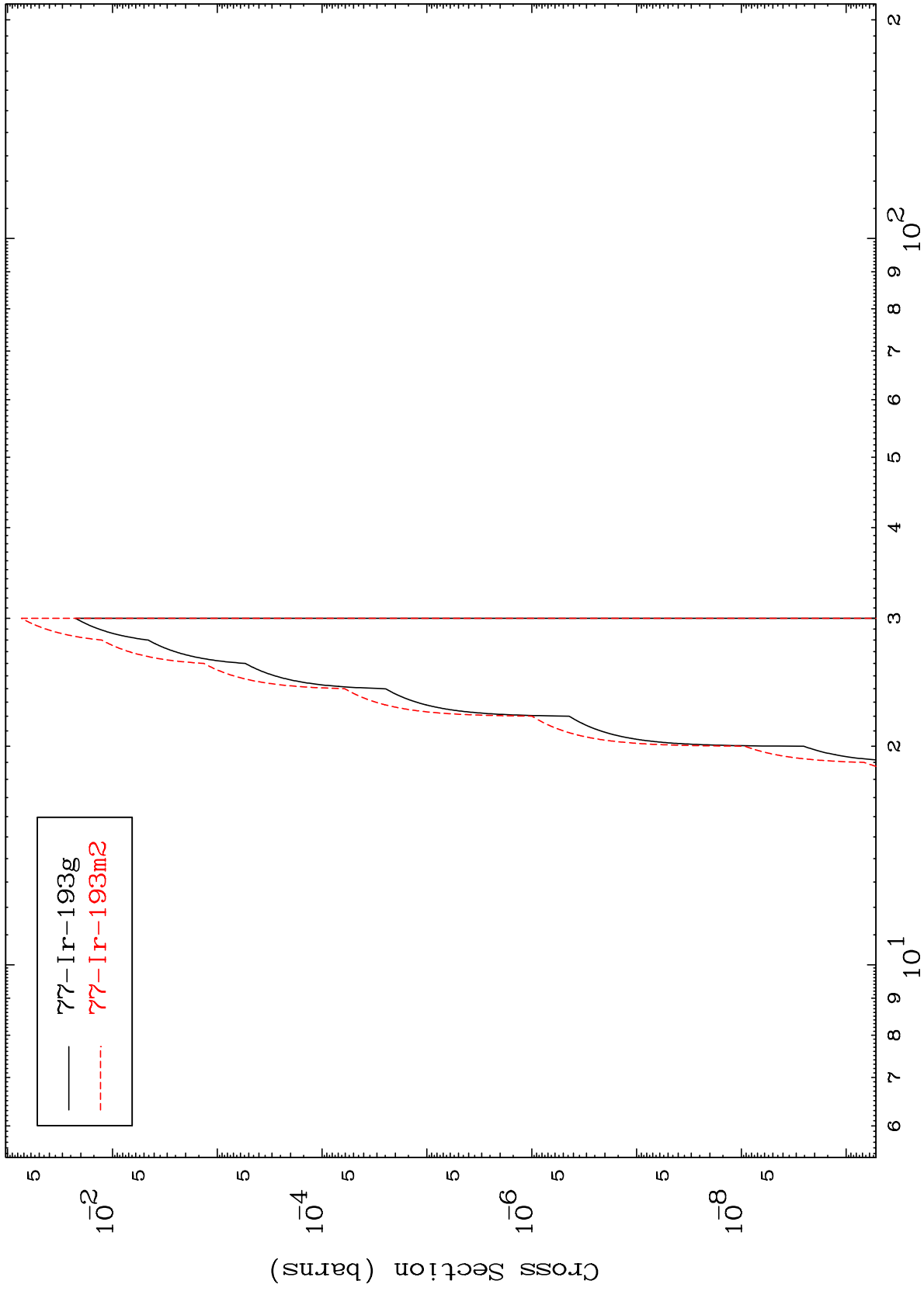
77-Ir-194

MAT 7735

(α, n') α

⁷⁷Ir-194

Radionuclide Production Cross Section



14

Incident Energy (MeV)

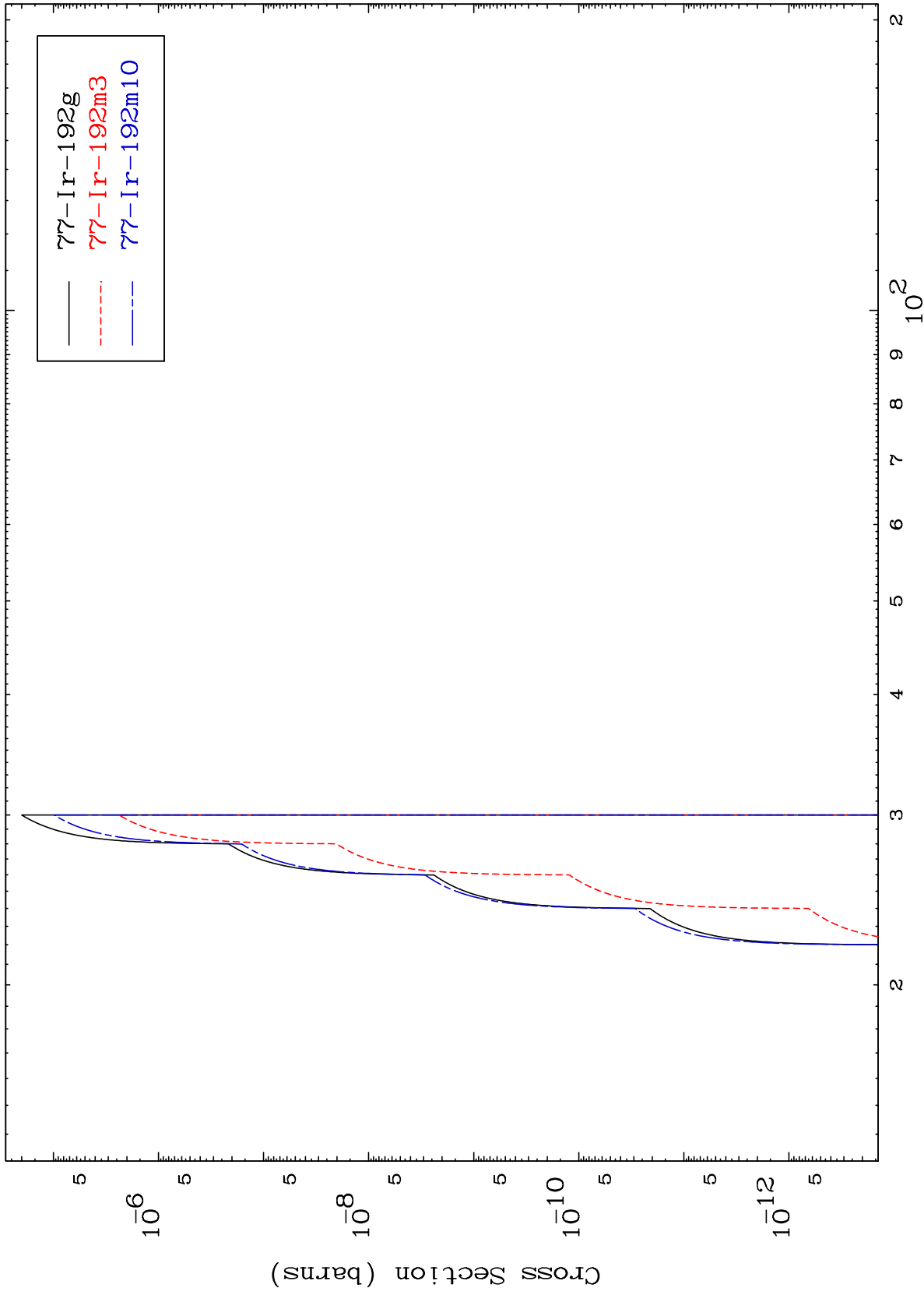
⁷⁷Ir-194

MAT 7735

$(\alpha, 2n) \alpha$

77-Ir-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

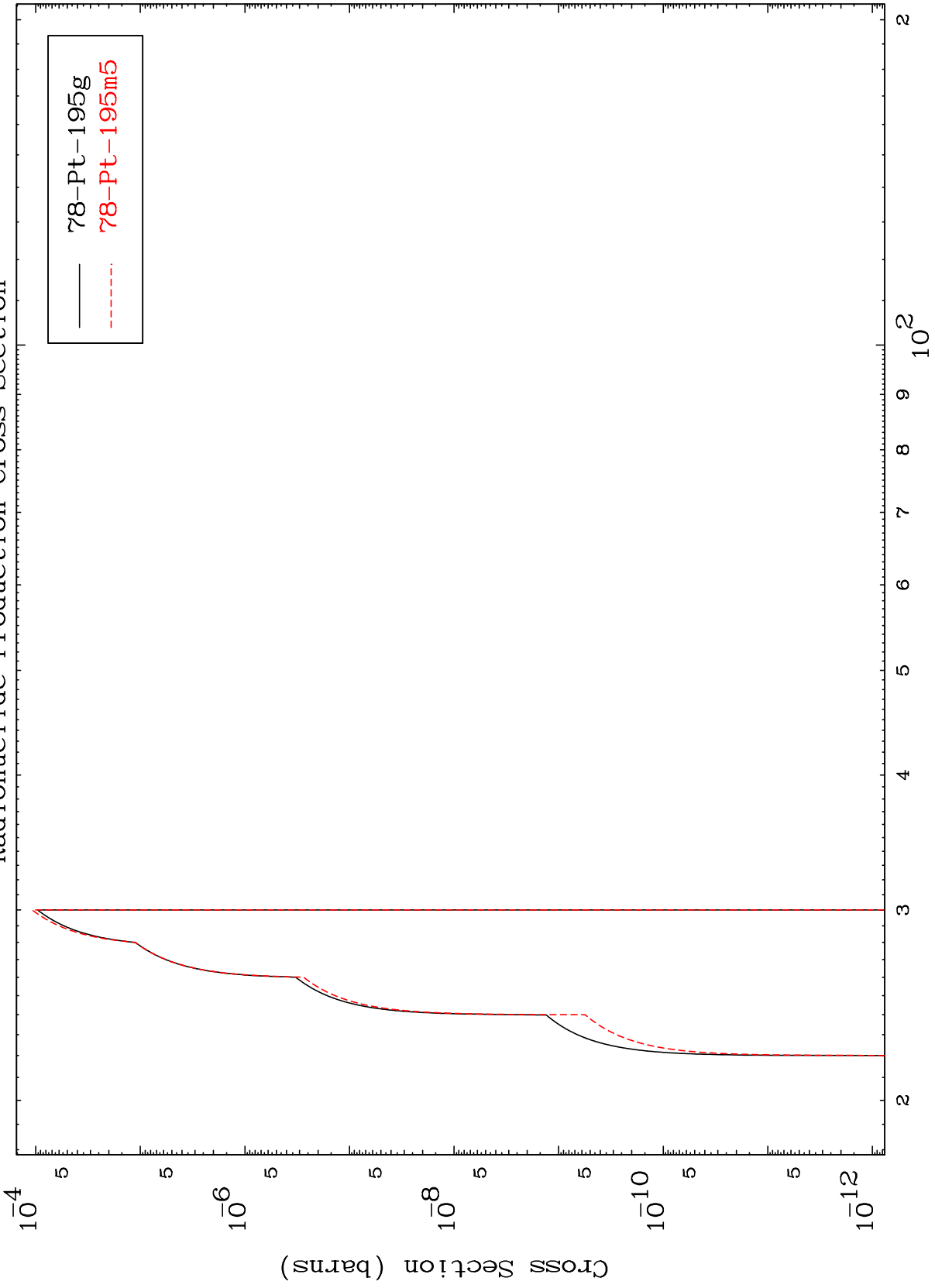
77-Ir-194

MAT 7735

(α, n') d

77-Ir-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

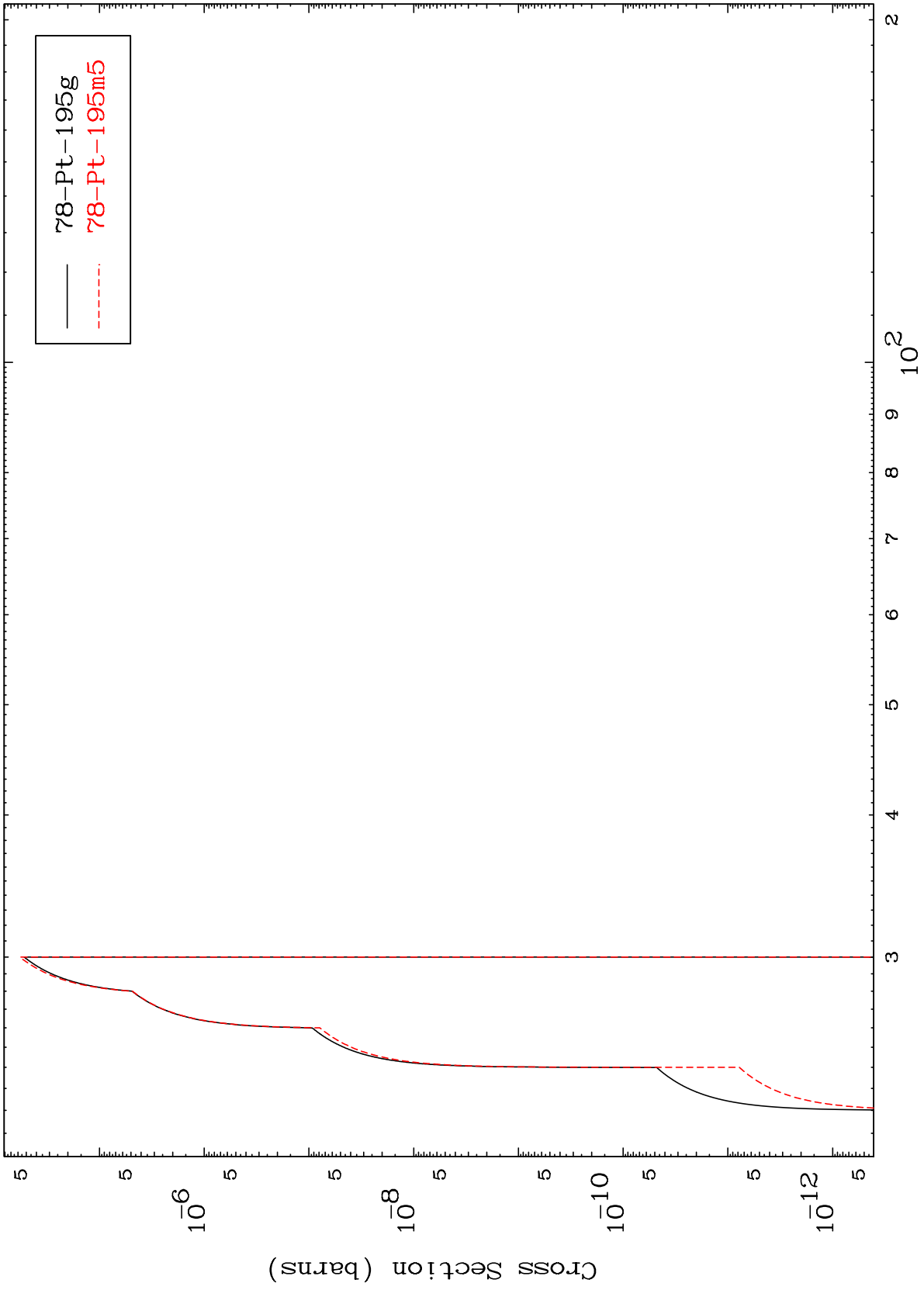
77-Ir-194

MAT 7735

($\alpha, 2n$) p

77-Ir-194

Radionuclide Production Cross Section



17

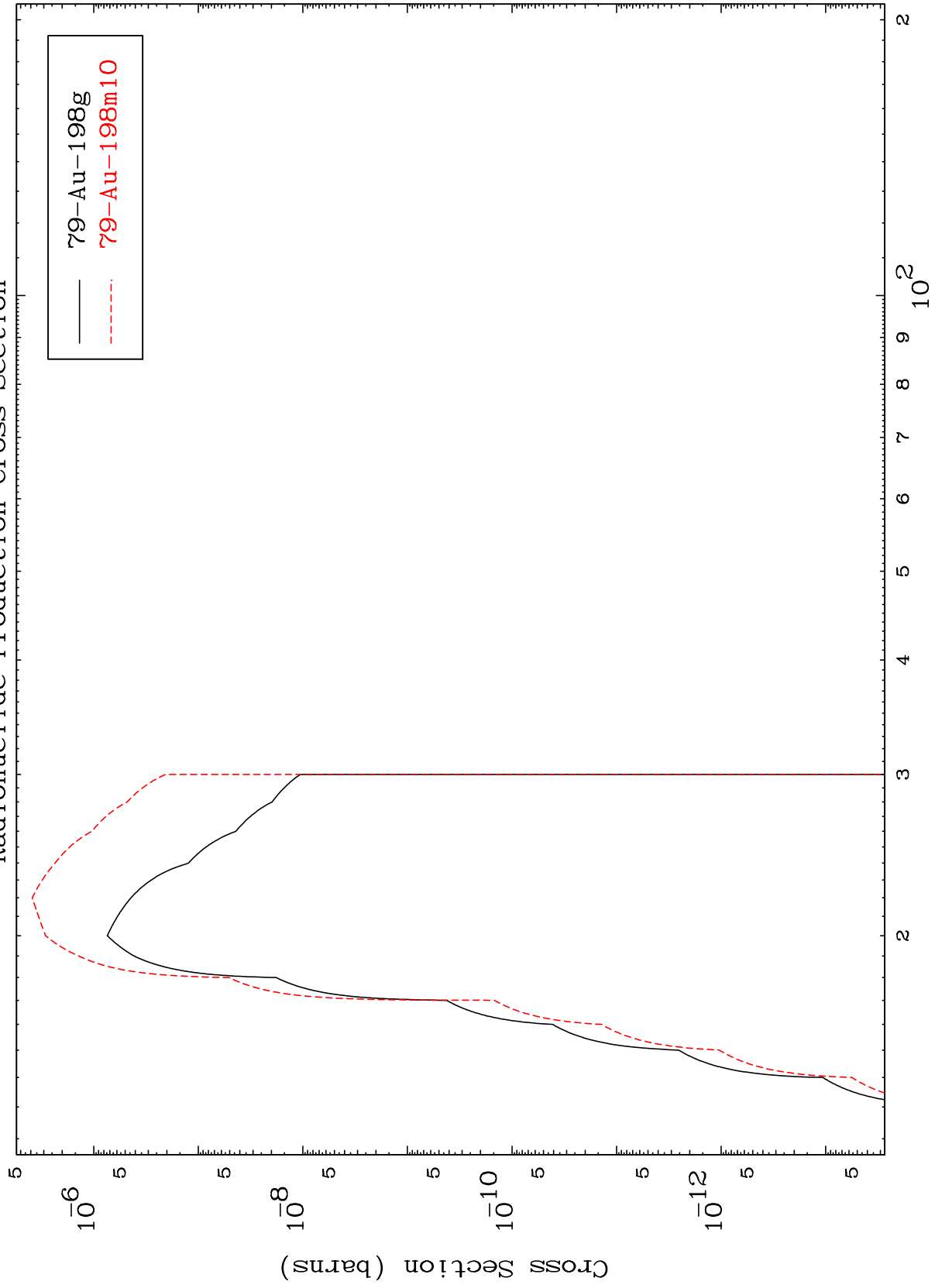
Incident Energy (MeV)

77-Ir-194

MAT 7735

77-Ir-194

(α, γ)
Radionuclide Production Cross Section



18

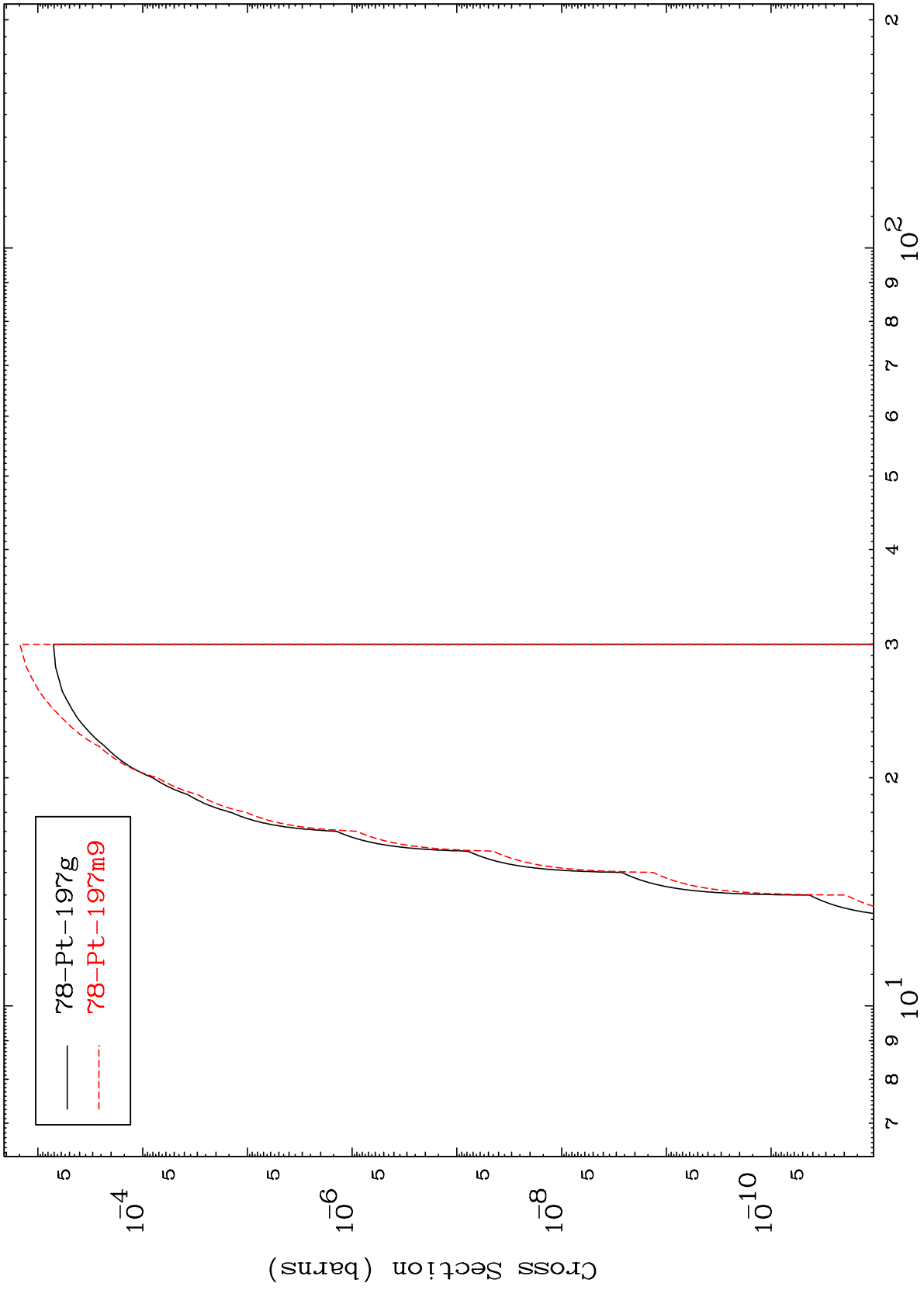
Incident Energy (MeV)

77-Ir-194

MAT 7735

77-Ir-194

Radionuclide Production Cross Section



19

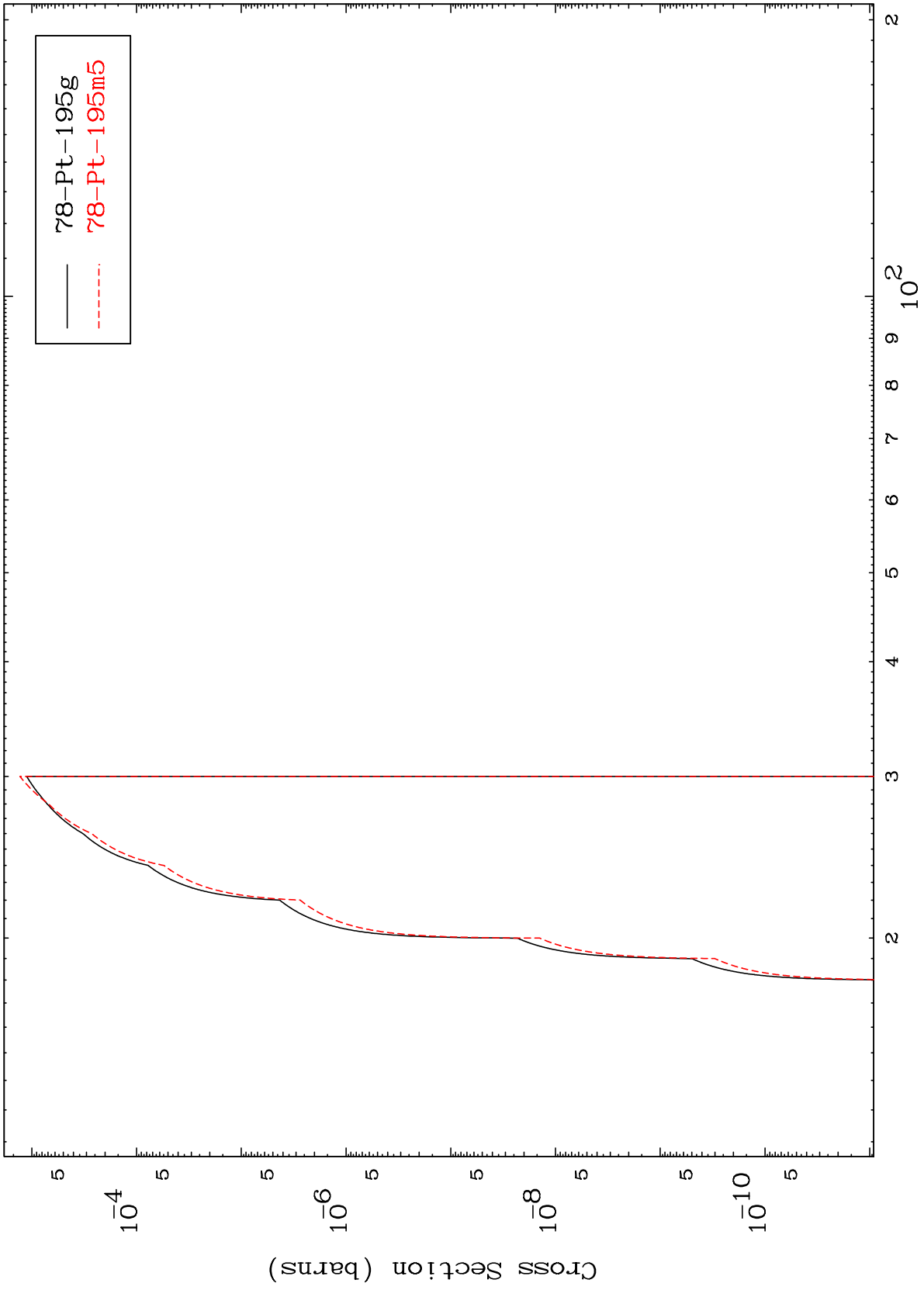
Incident Energy (MeV)

77-Ir-194

MAT 7735

77-Ir-194

(α, t)
Radionuclide Production Cross Section



20

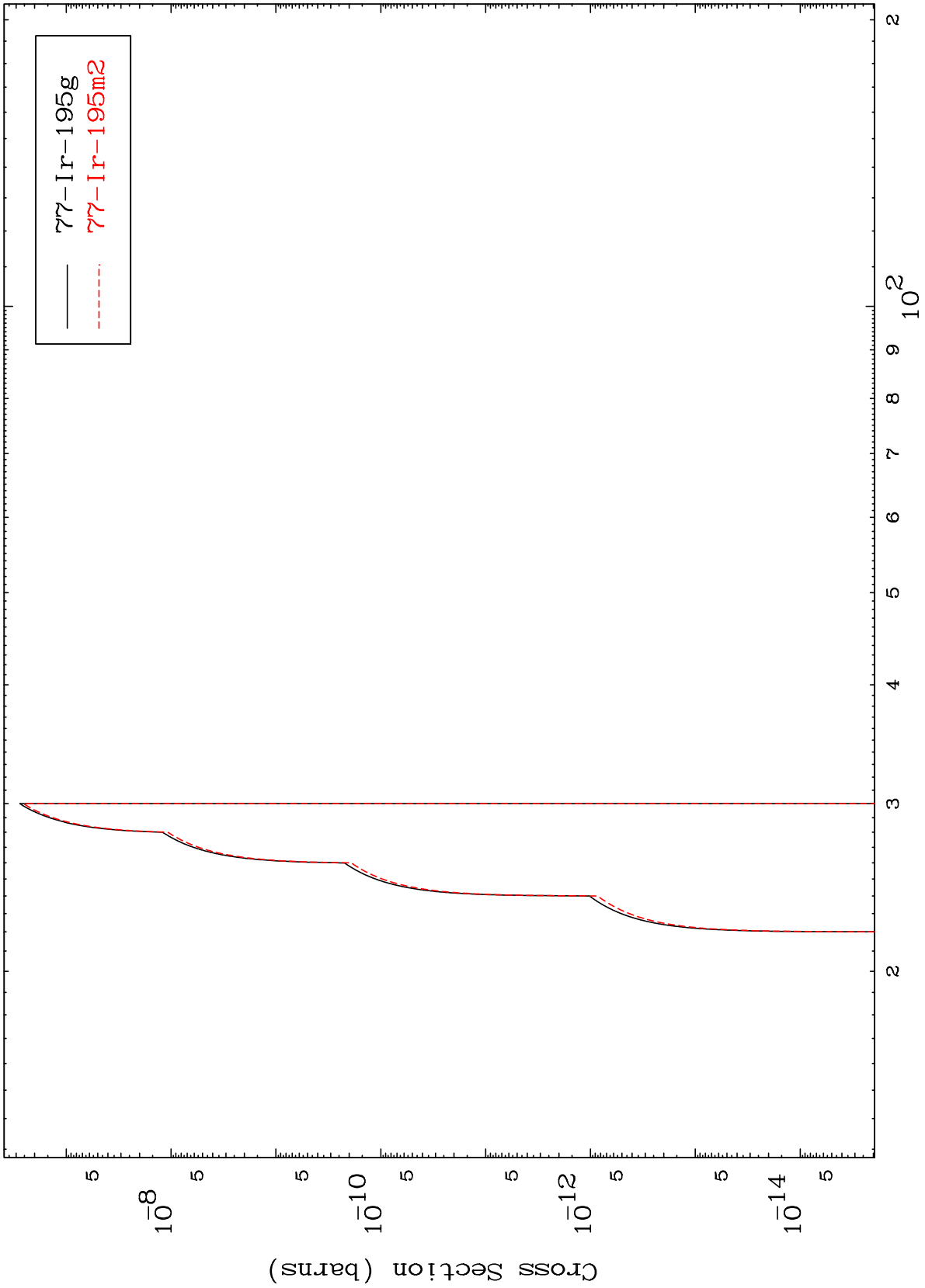
77-Ir-194

MAT 7735

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

77-Ir-194

Radionuclide Production Cross Section



21

Incident Energy (MeV)

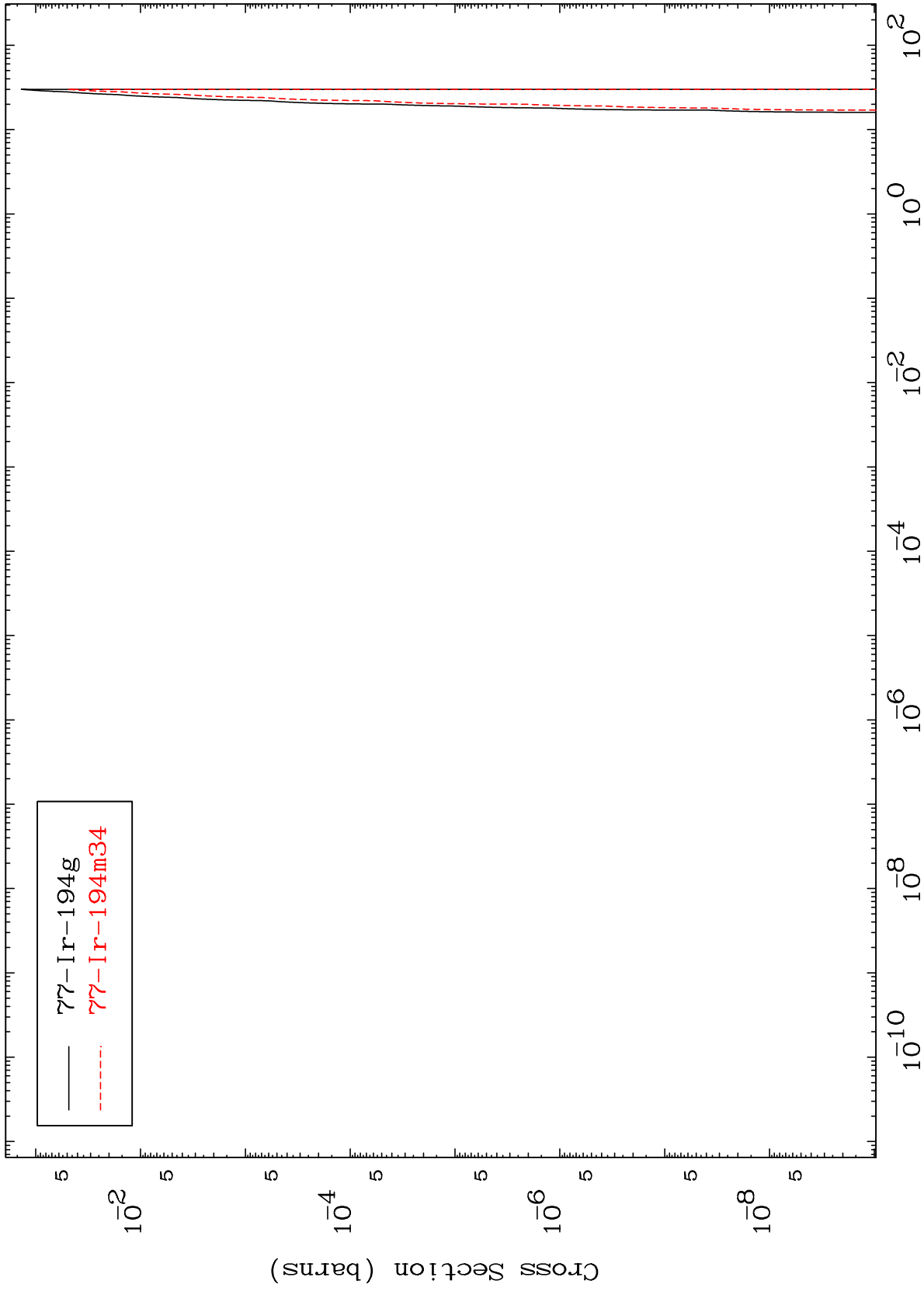
77-Ir-194

MAT 7735

(α, α)

⁷⁷Ir-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

⁷⁷Ir-194