

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

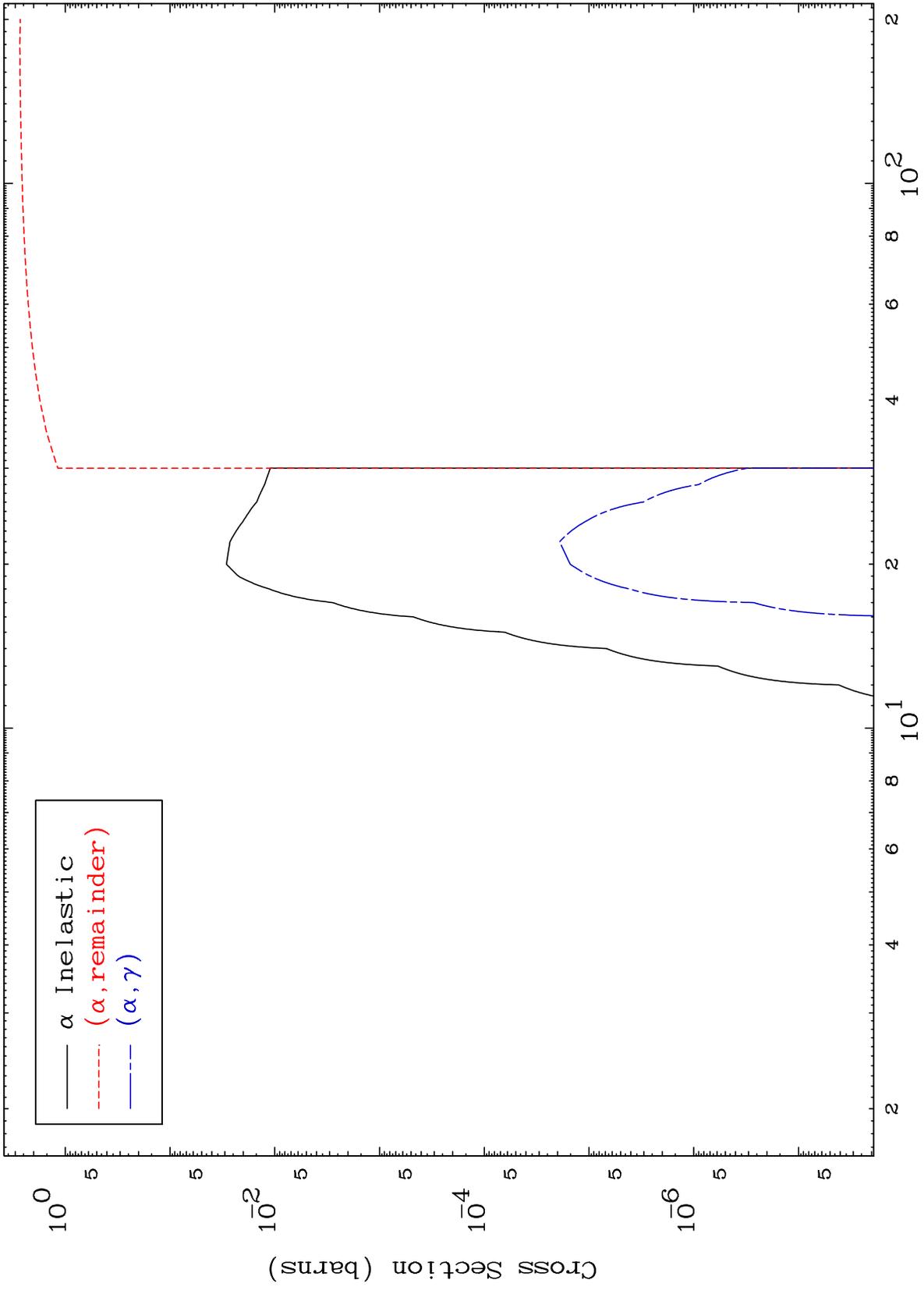
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7725

0 Kelvin α Major

77-Ir-191



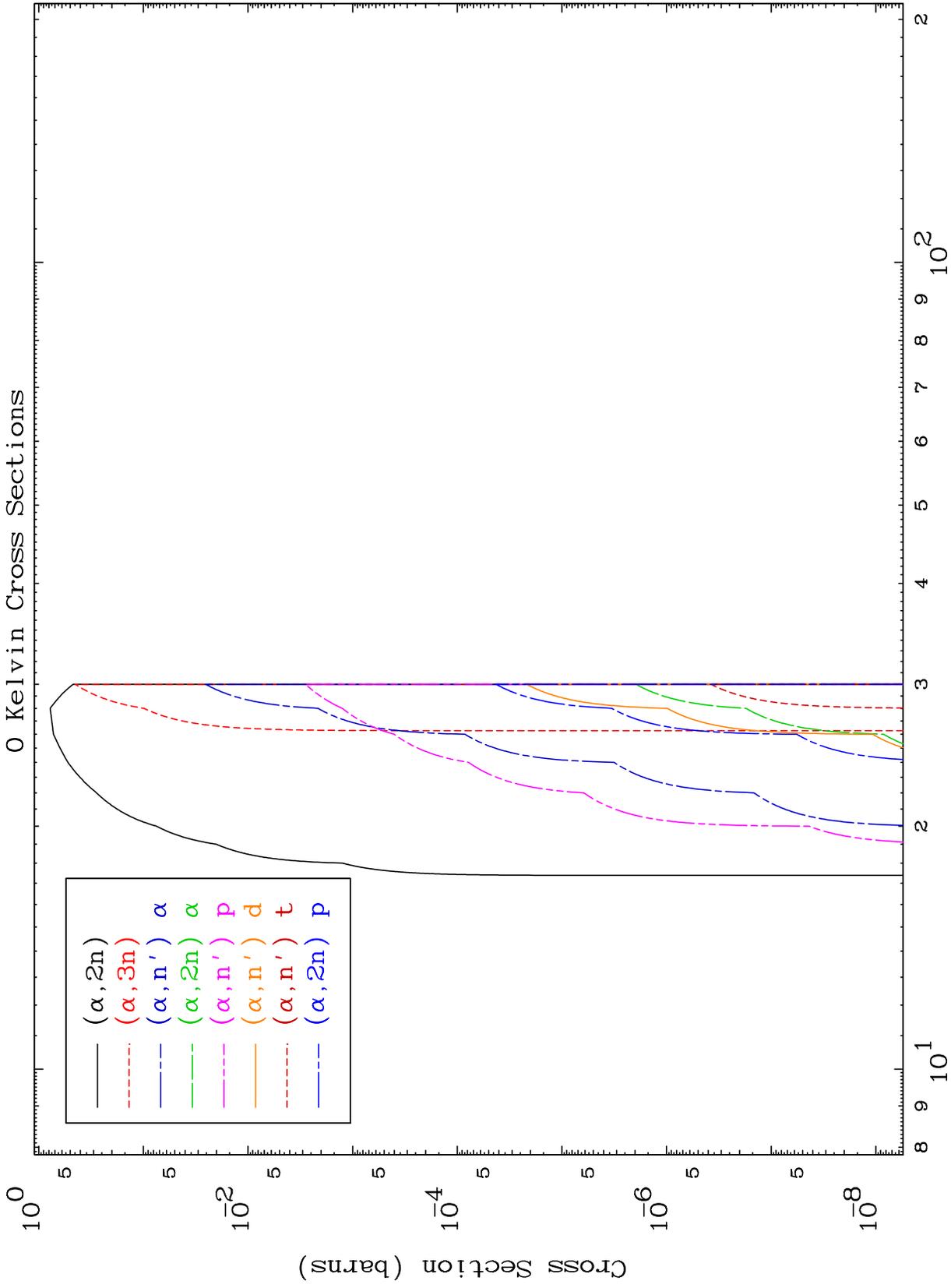
1

77-Ir-191

MAT 7725

α Neutron Production
0 Kelvin Cross Sections

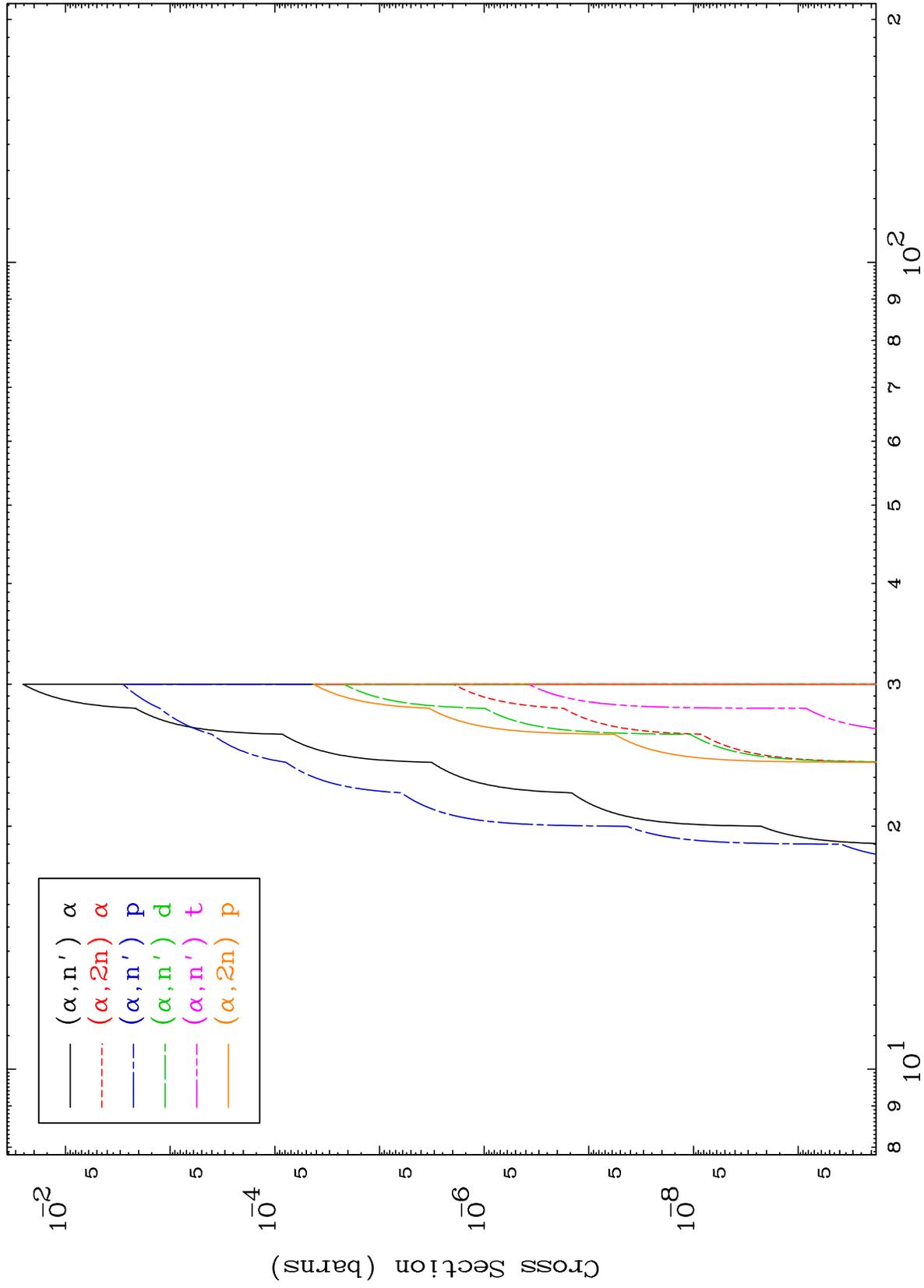
77-Ir-191

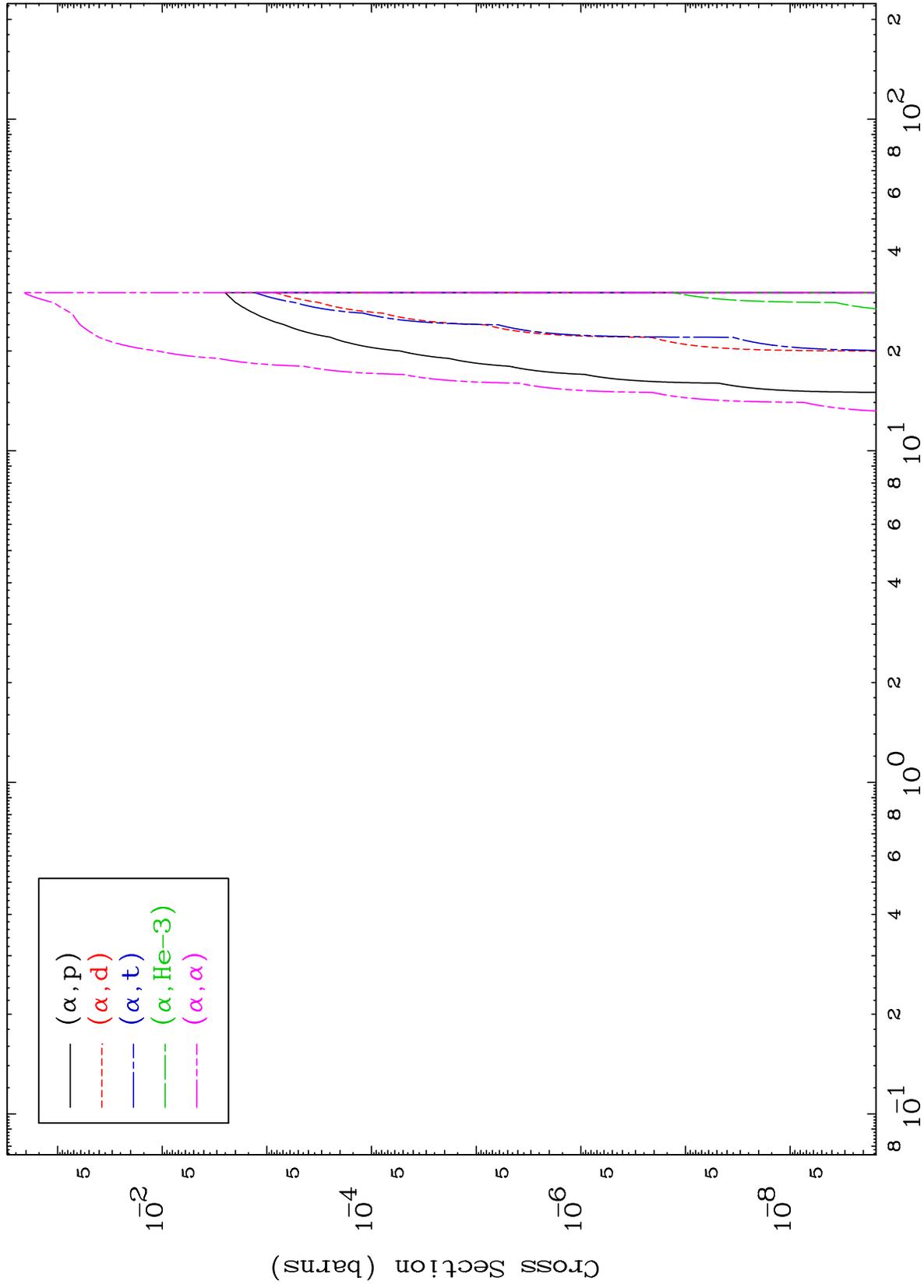


2

Incident Energy (MeV)

77-Ir-191

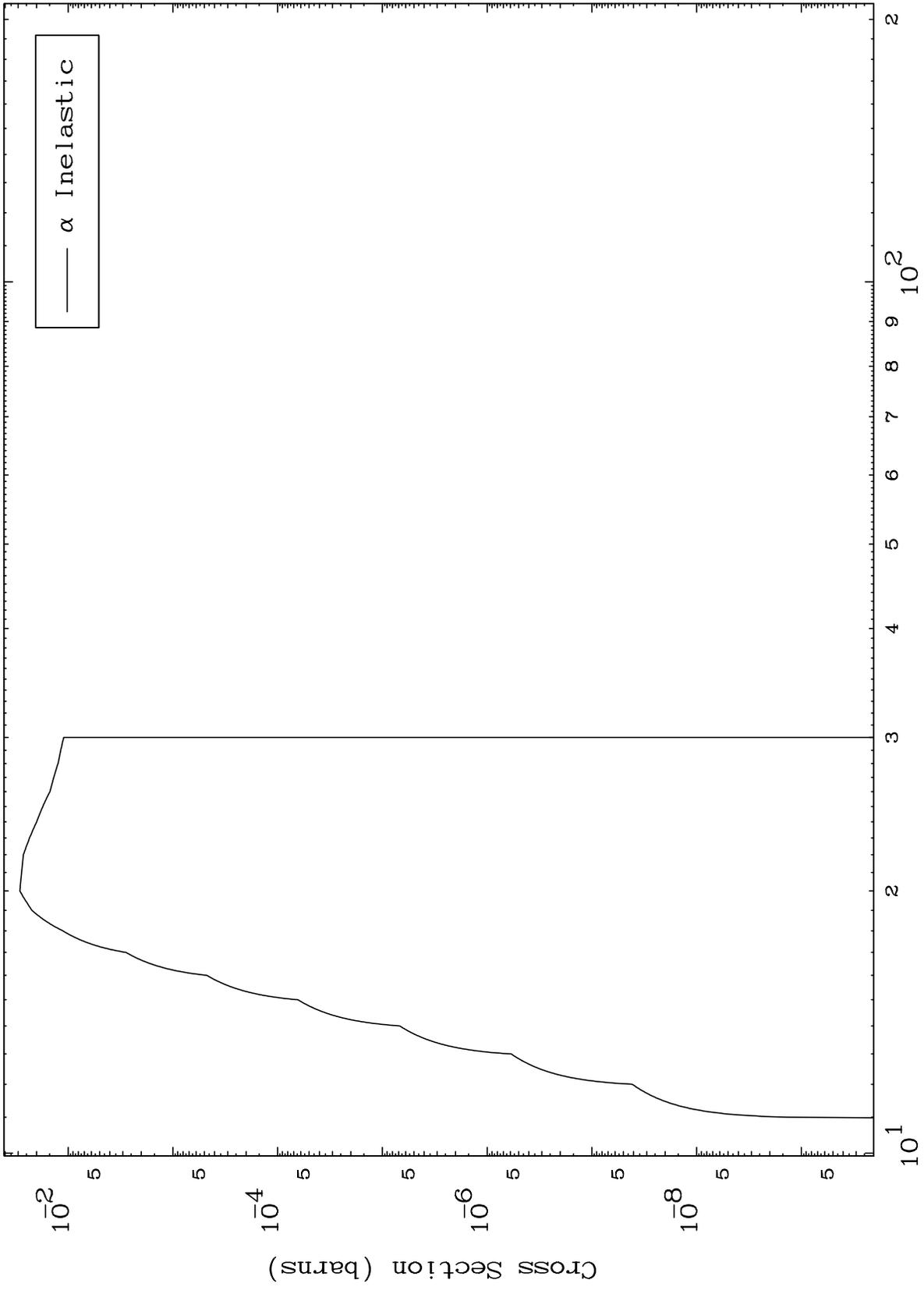




MAT 7725

(α, n') Level
0 Kelvin Cross Sections

77-Ir-191



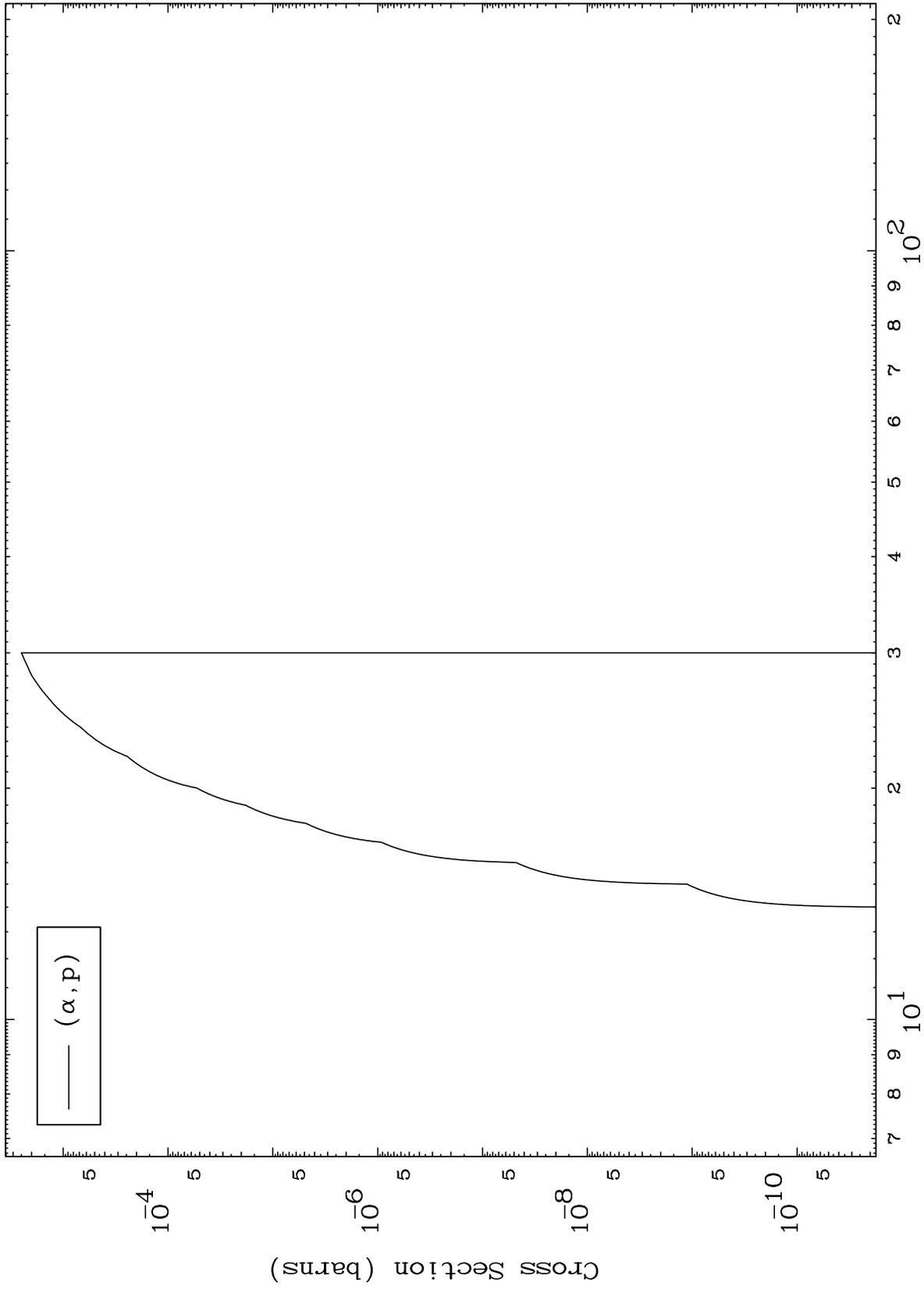
Incident Energy (MeV)

77-Ir-191

MAT 7725

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-191



6

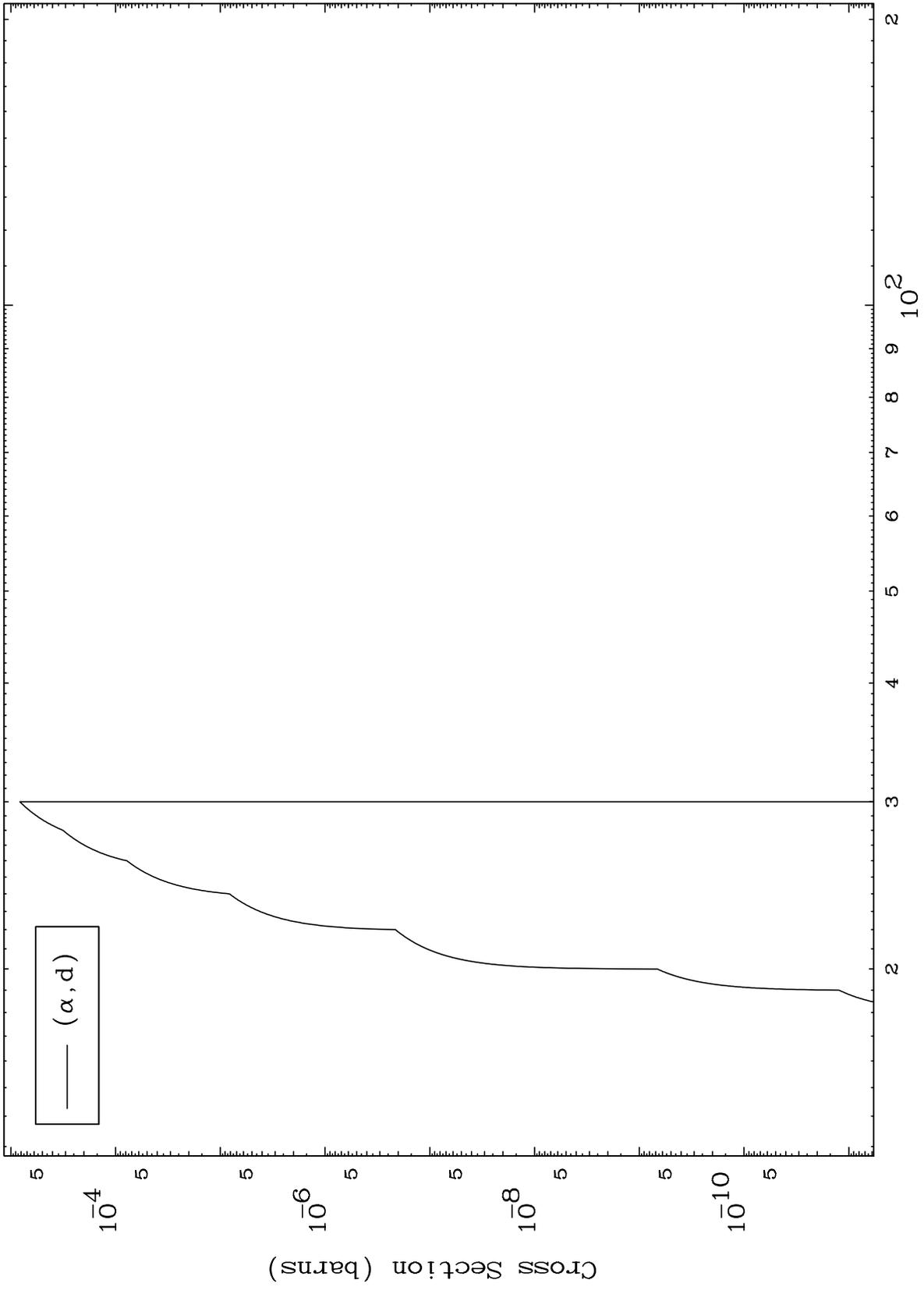
Incident Energy (MeV)

77-Ir-191

MAT 7725

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-191

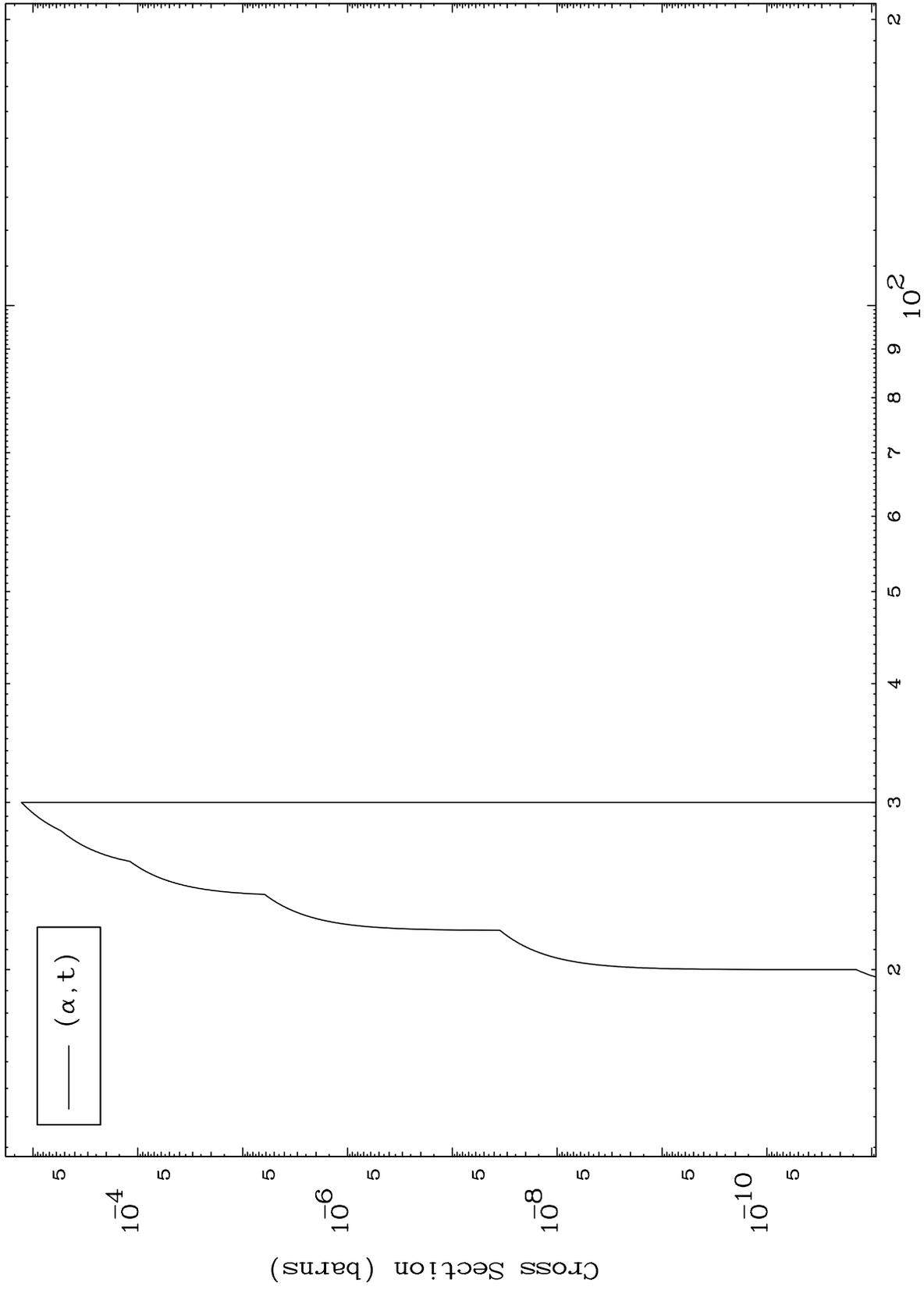


7

MAT 7725

(α, t) Levels
0 Kelvin Cross Sections

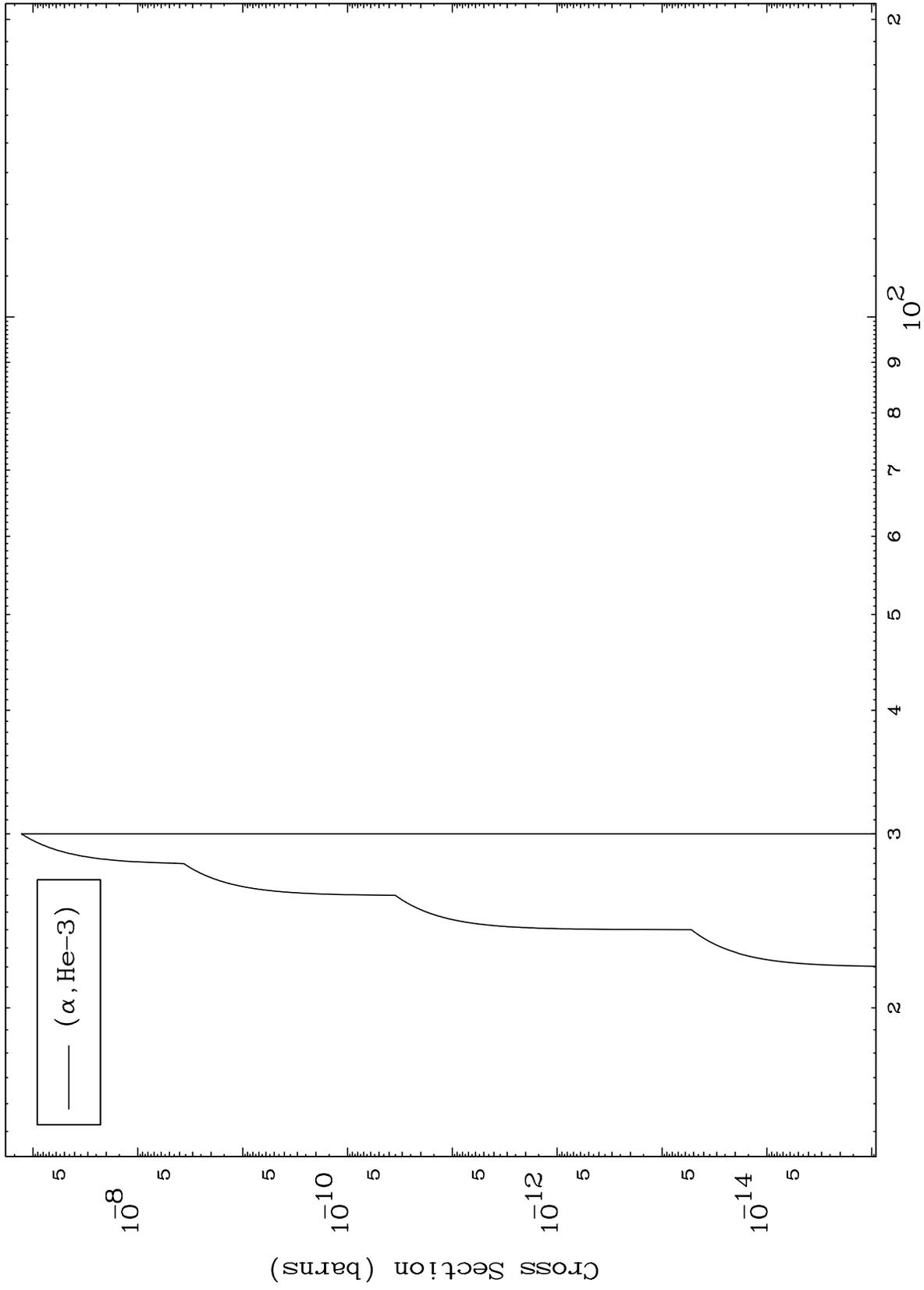
77-Ir-191



8

Incident Energy (MeV)

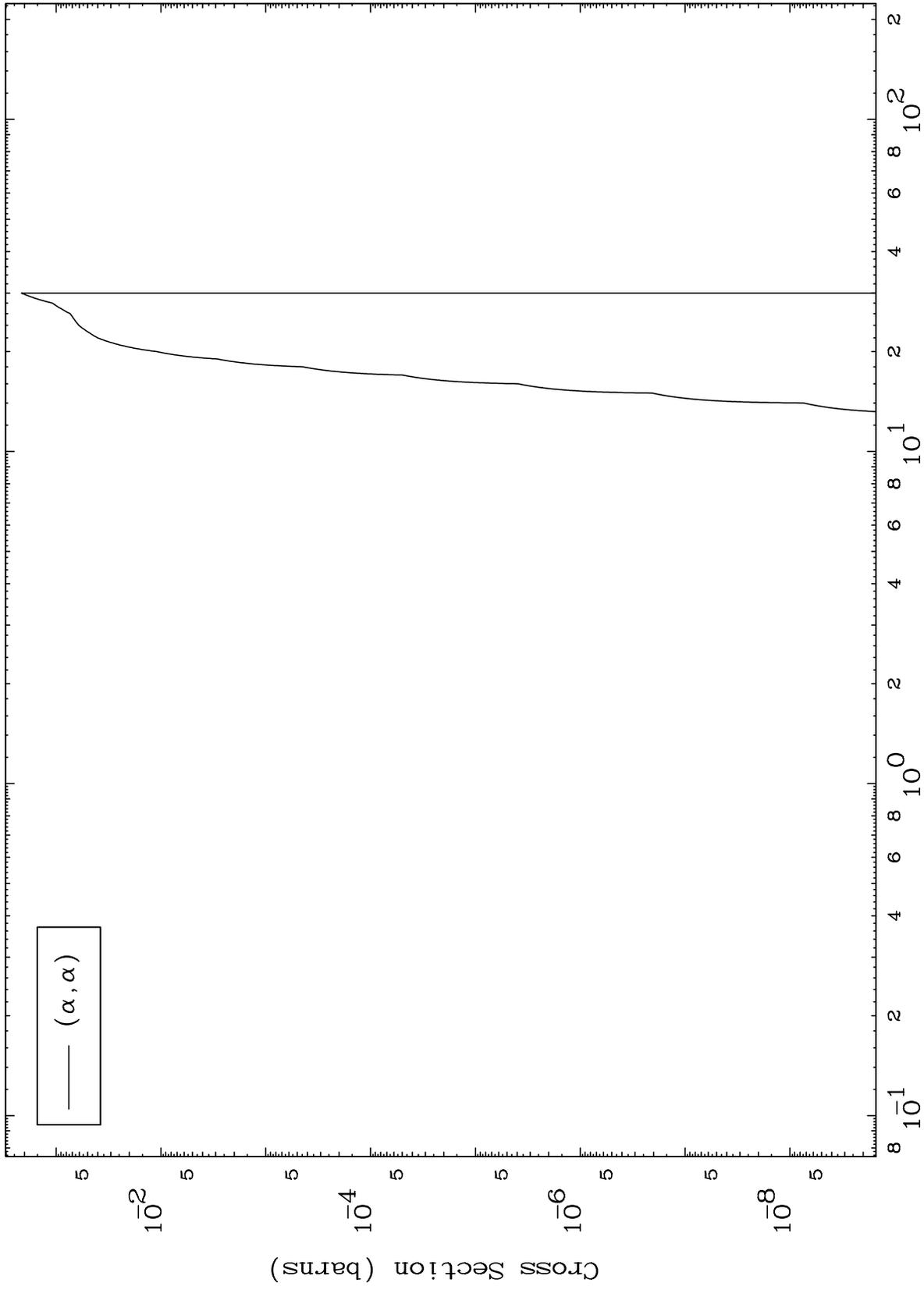
77-Ir-191



MAT 7725

(α, α) Levels
0 Kelvin Cross Sections

77-Ir-191



10

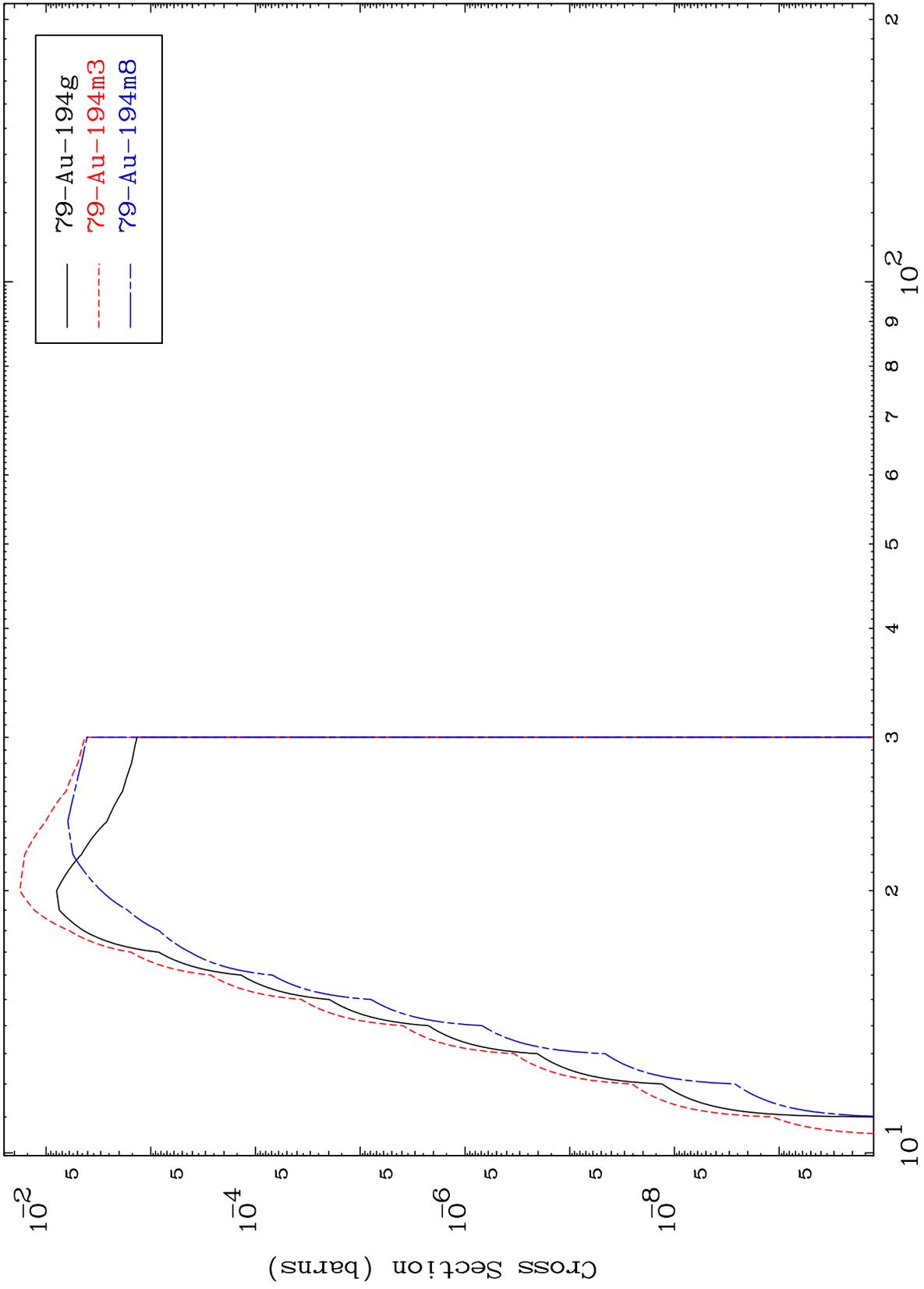
Incident Energy (MeV)

77-Ir-191

MAT 7725

α Inelastic
Radionuclide Production Cross Section

77-Ir-191



11

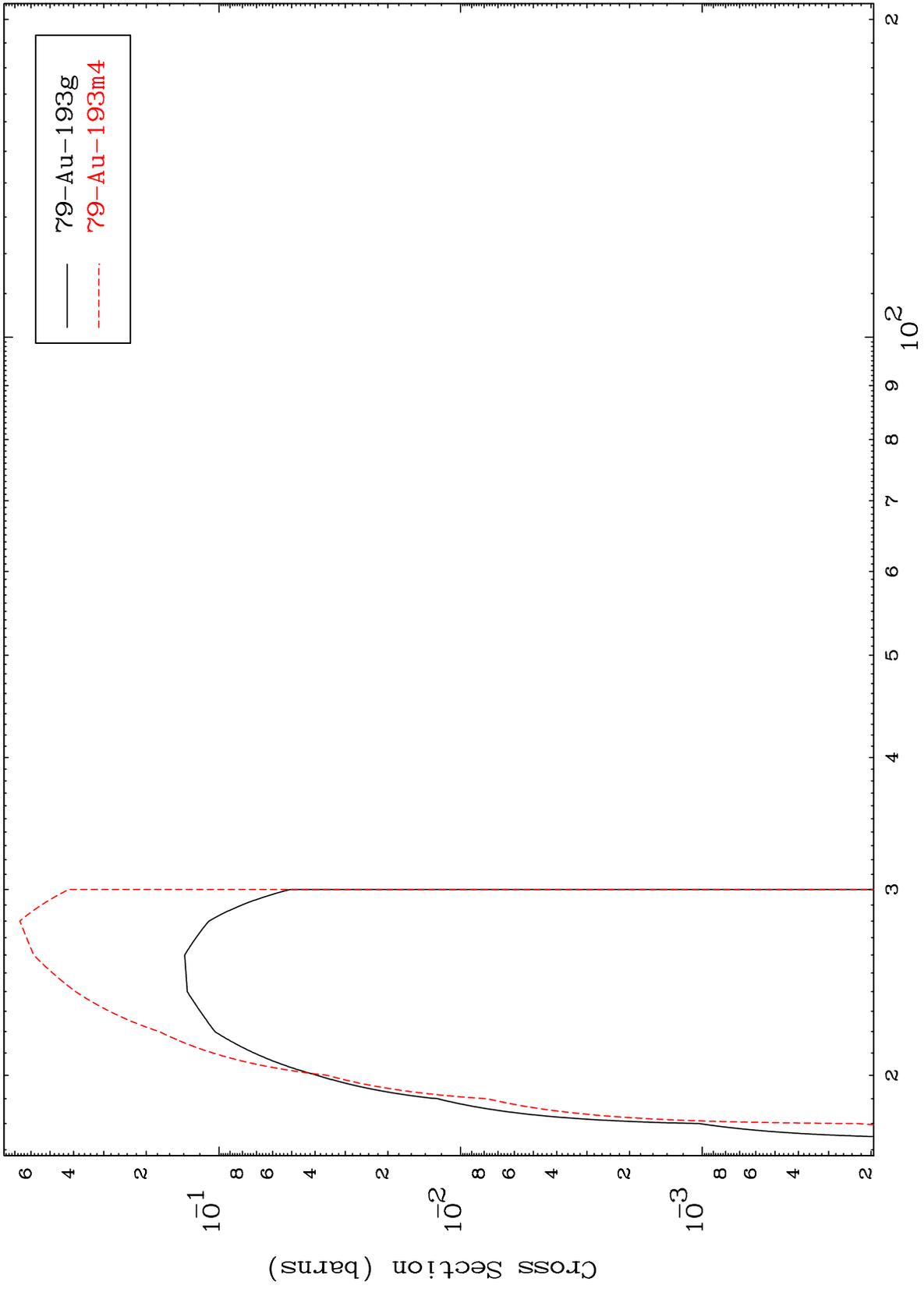
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

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



12

Incident Energy (MeV)

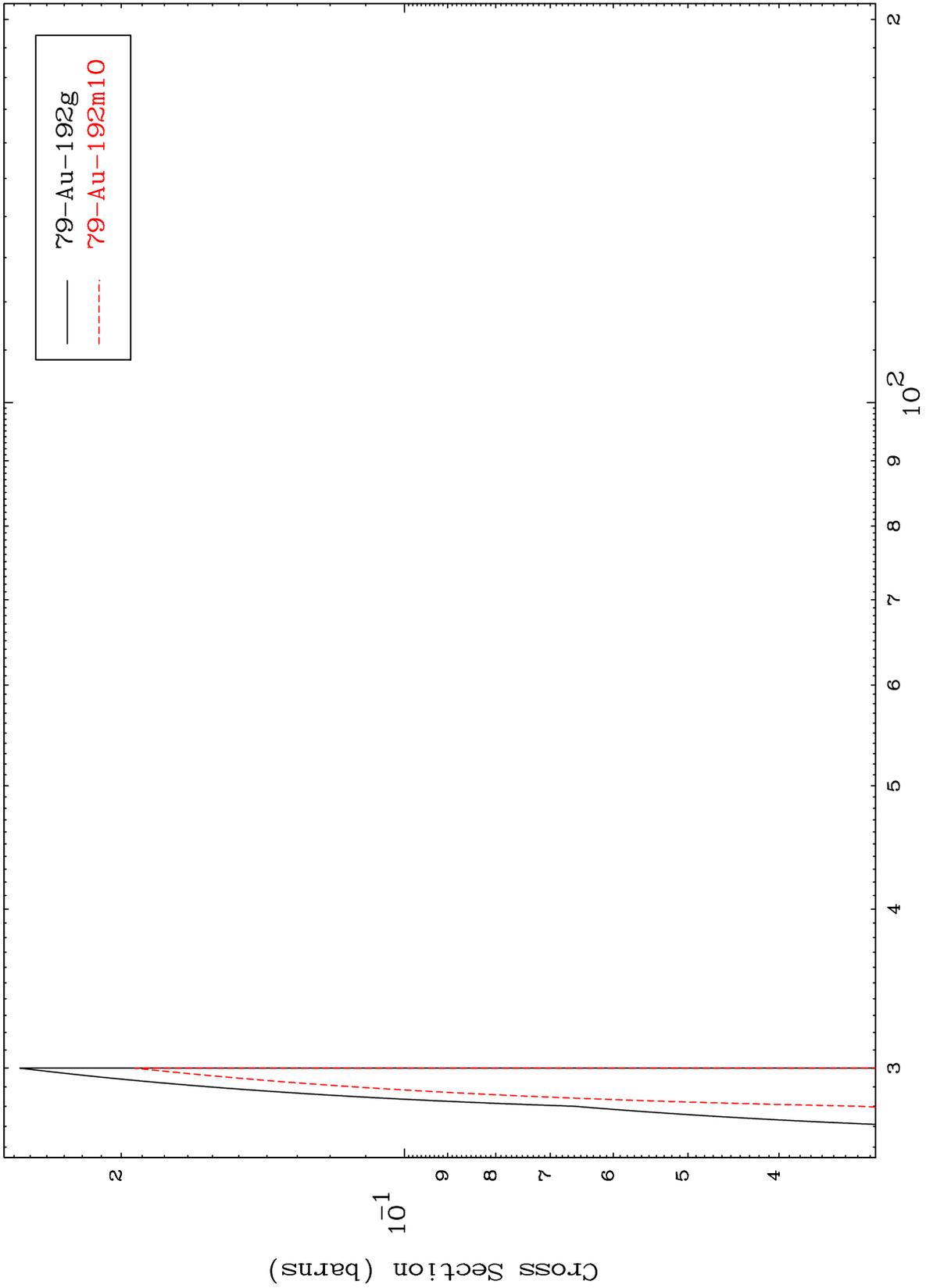
77-Ir-191

MAT 7725

($\alpha, 3n$)

⁷⁷Ir-191

Radionuclide Production Cross Section



13

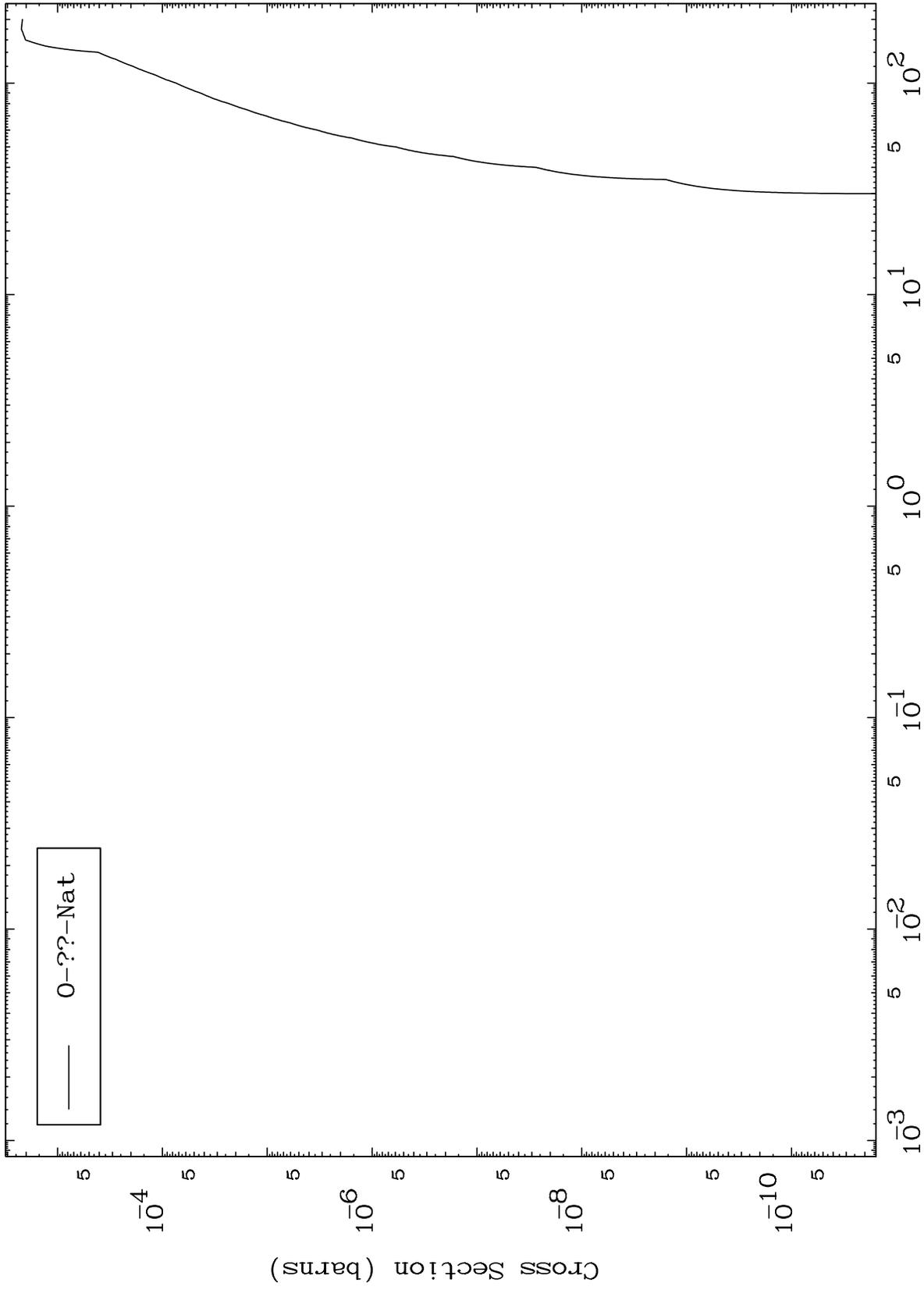
Incident Energy (MeV)

⁷⁷Ir-191

MAT 7725

α Fission
Radionuclide Production Cross Section

77-Ir-191



14

Incident Energy (MeV)

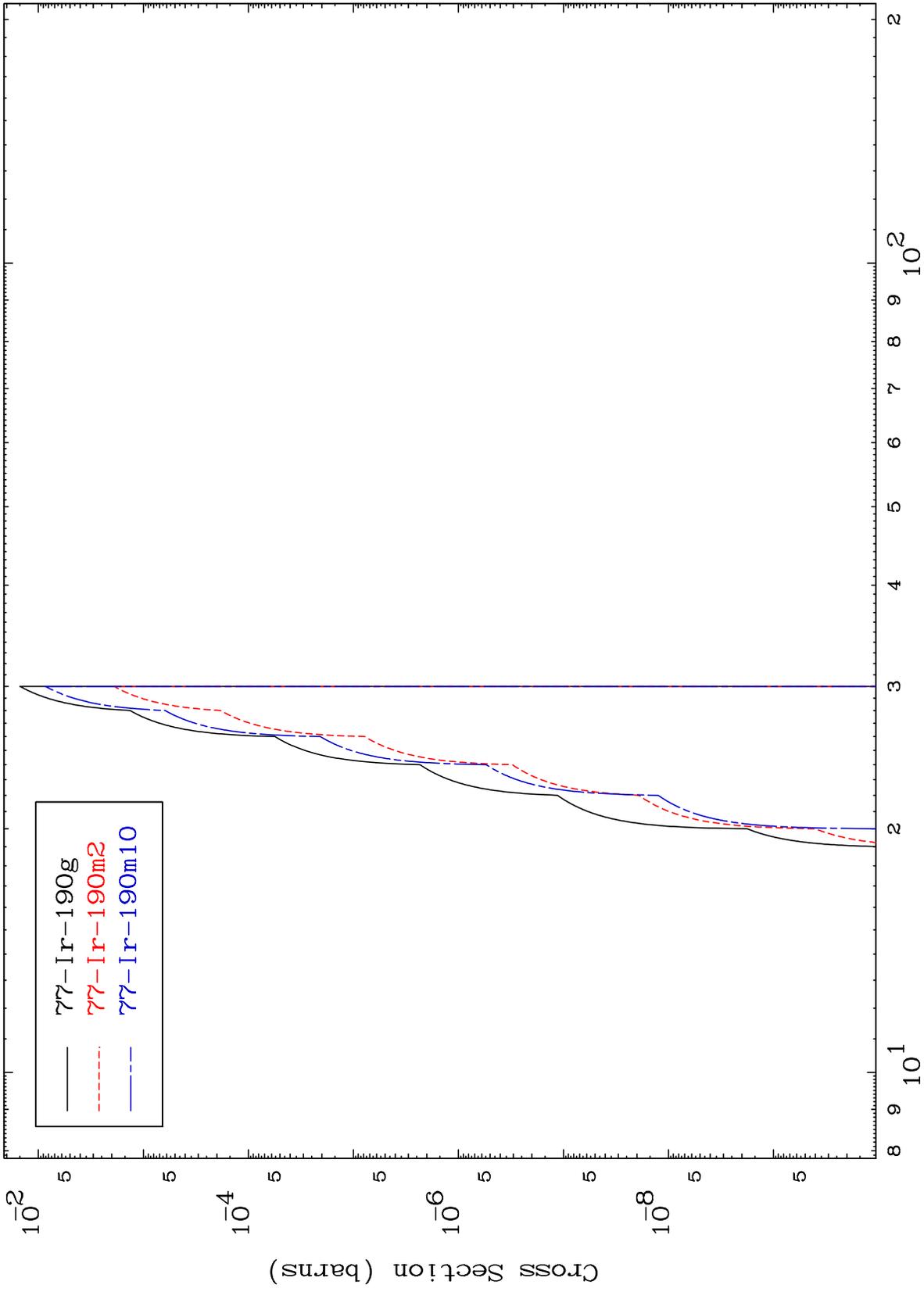
77-Ir-191

MAT 7725

(α, n') α

77-Ir-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

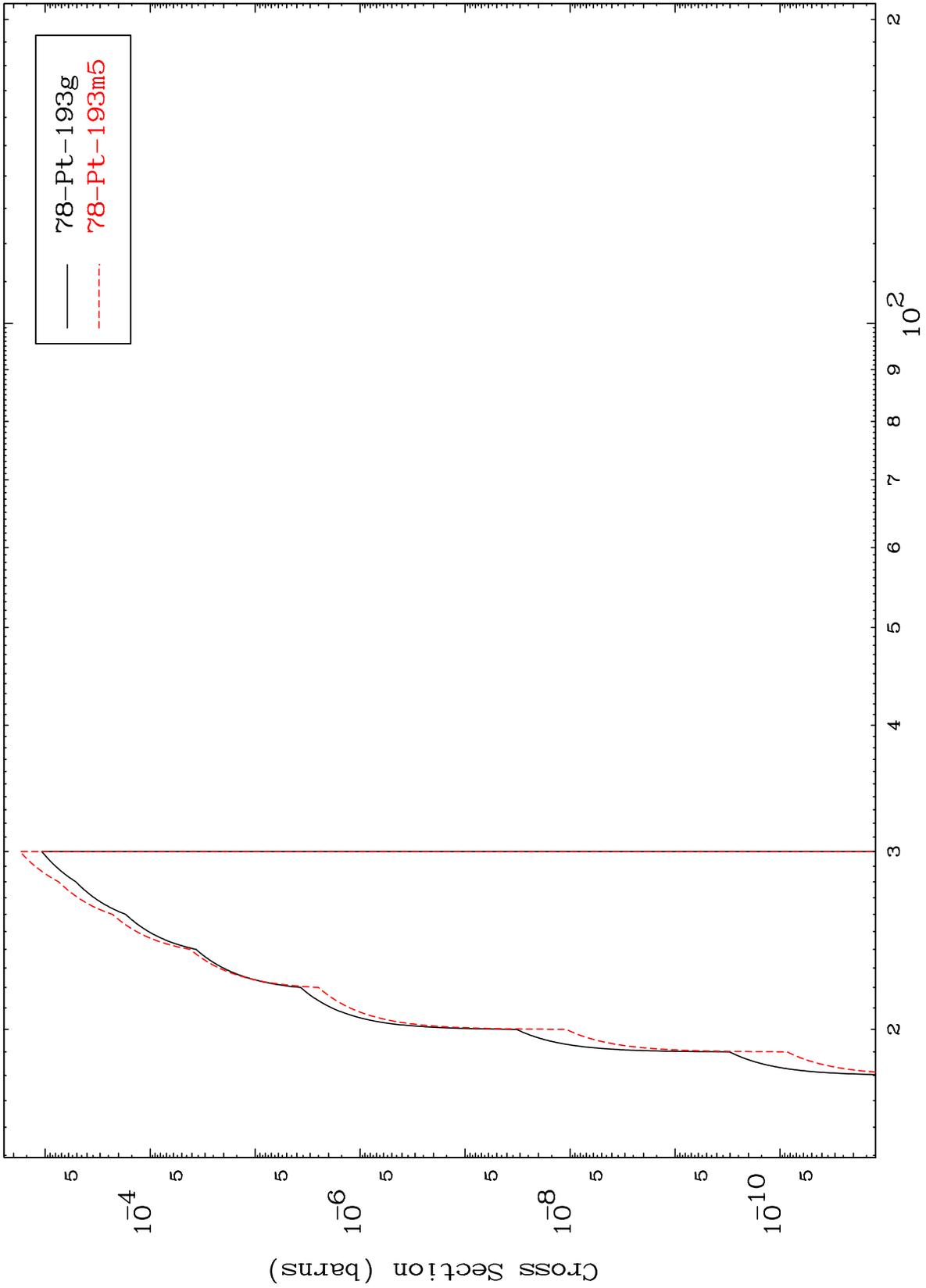
77-Ir-191

MAT 7725

(α, n') p

77-Ir-191

Radionuclide Production Cross Section



16

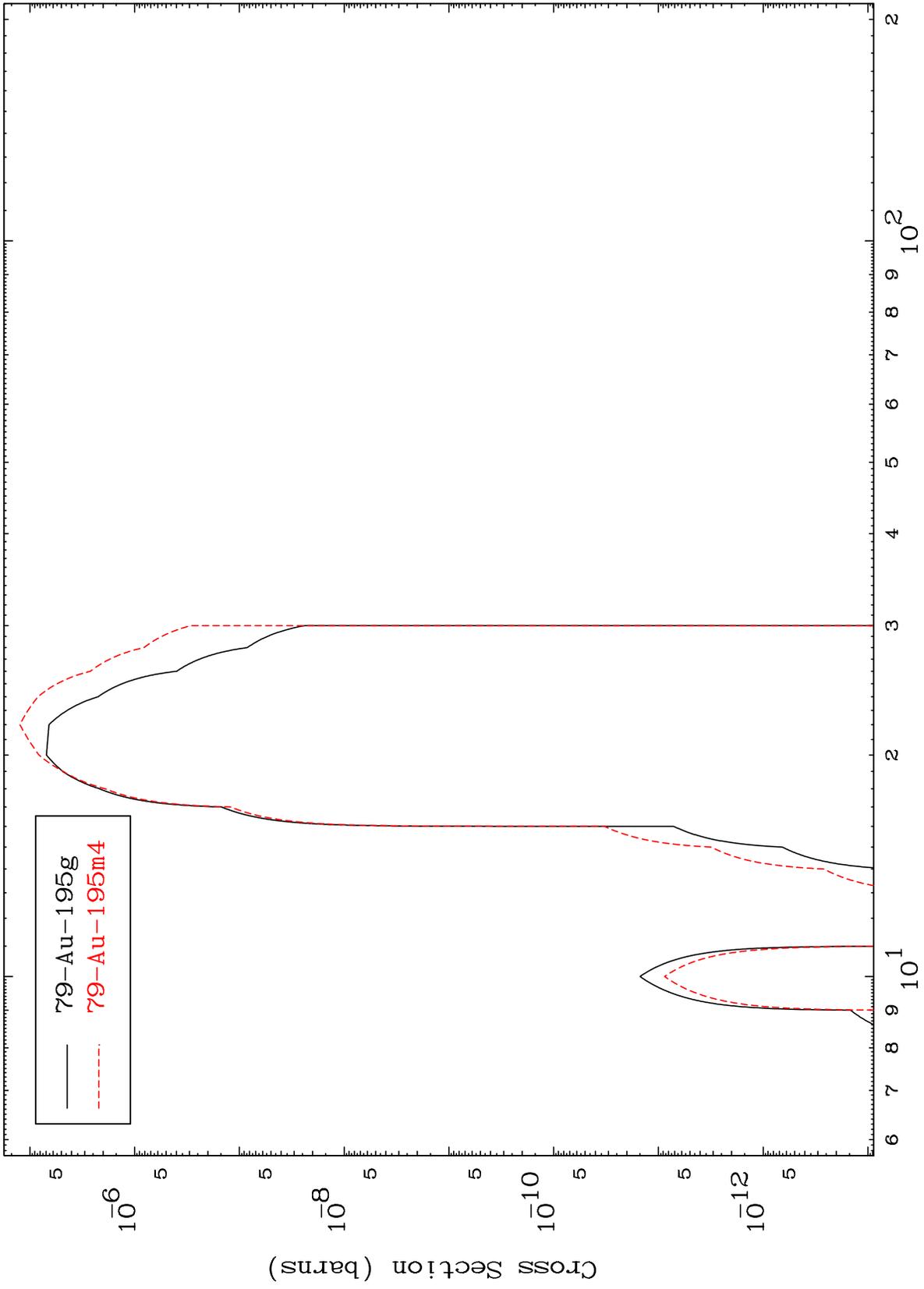
Incident Energy (MeV)

77-Ir-191

MAT 7725

⁷⁷Ir-191

(α, γ)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

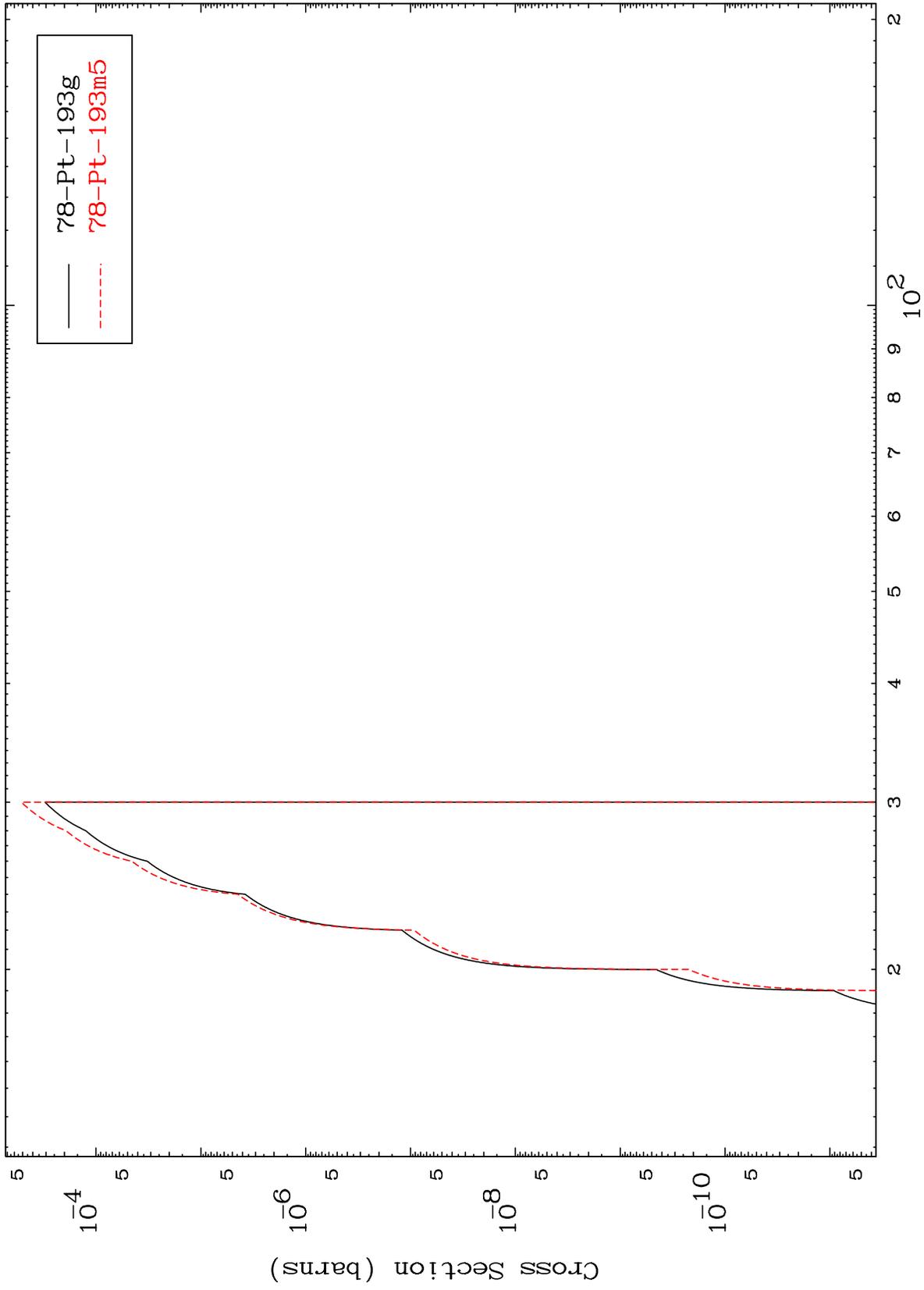
⁷⁷Ir-191

MAT 7725

(α, d)

77-Ir-191

Radionuclide Production Cross Section



18

Incident Energy (MeV)

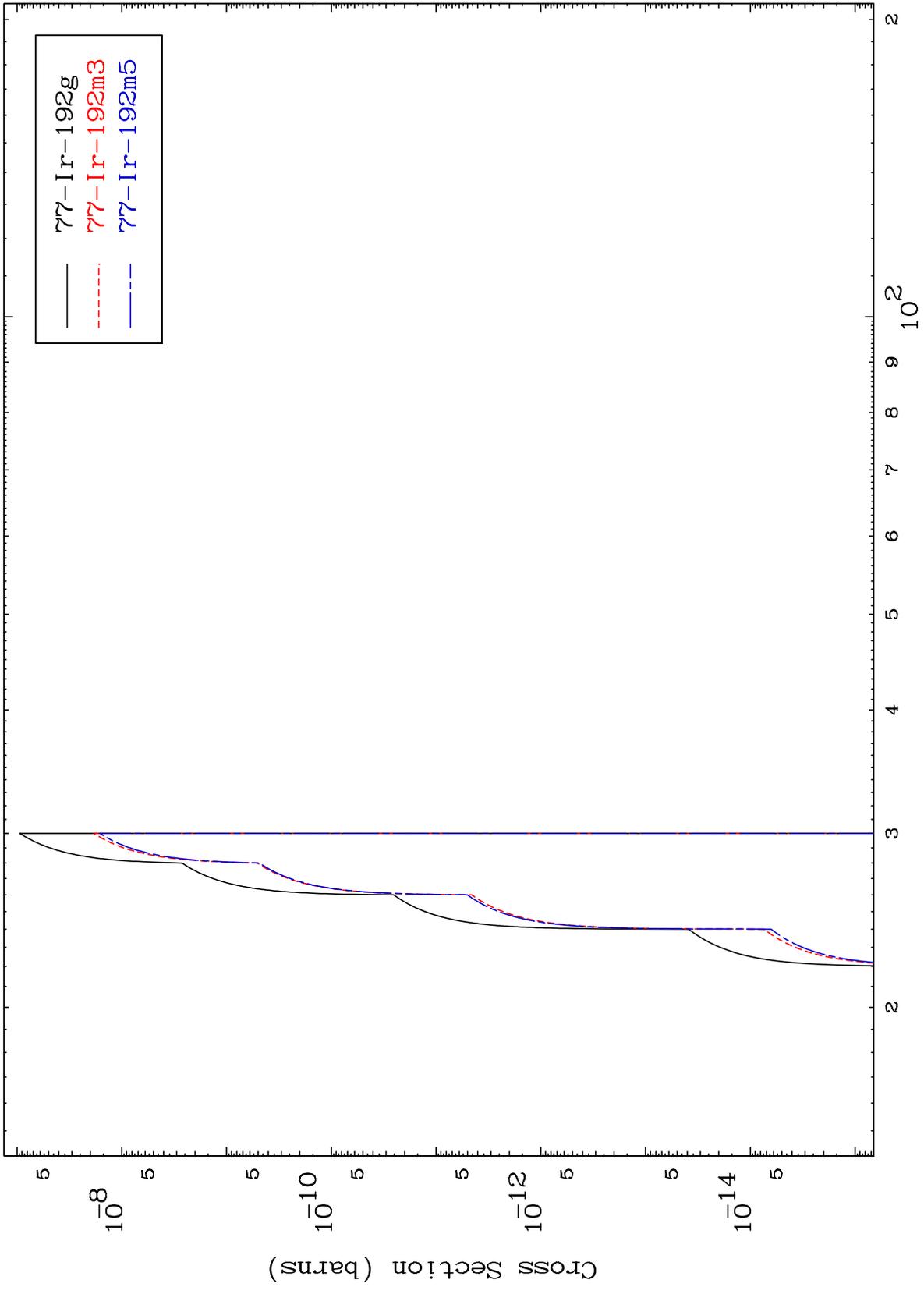
77-Ir-191

MAT 7725

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

77-Ir-191

Radionuclide Production Cross Section



19

Incident Energy (MeV)

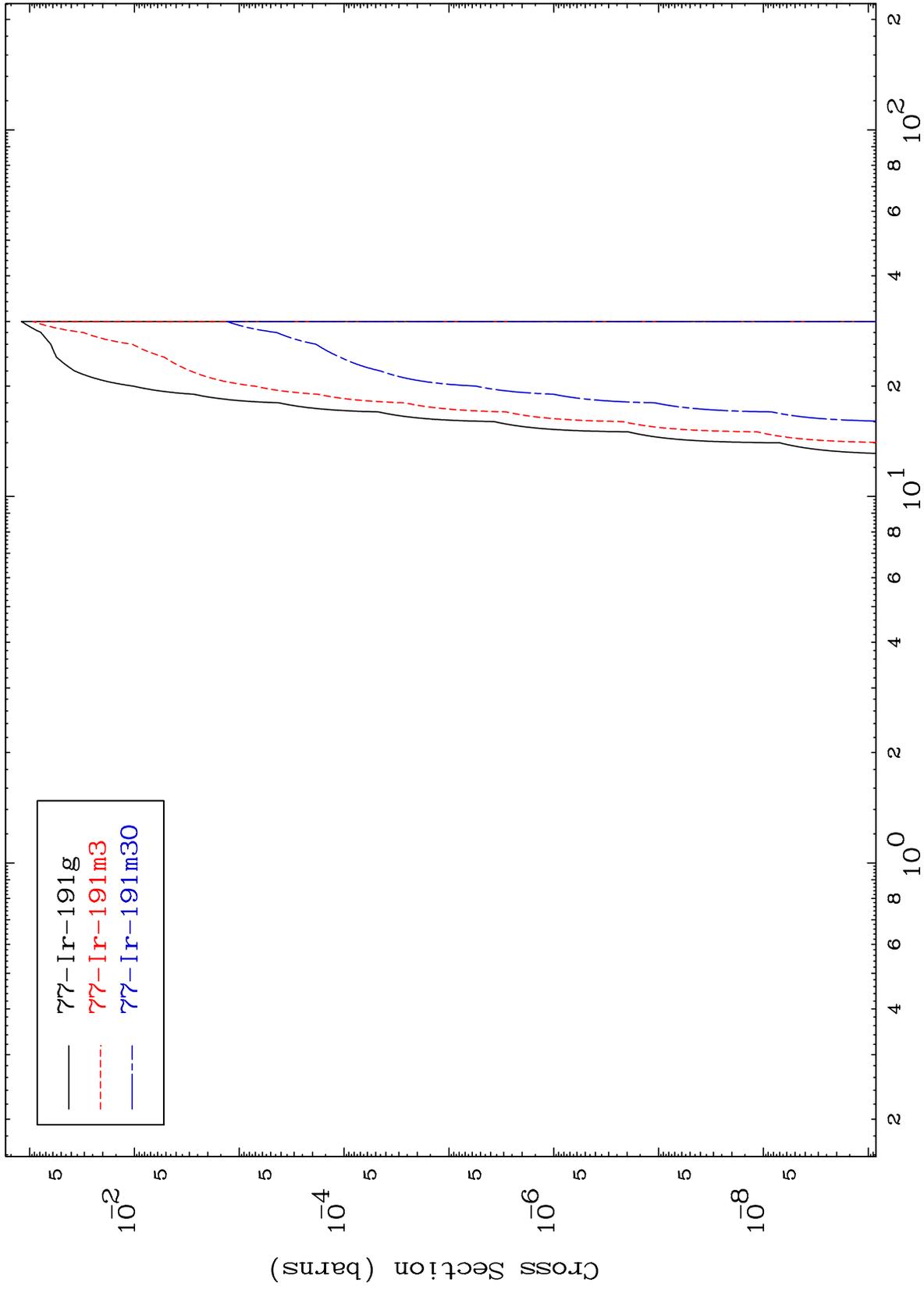
77-Ir-191

MAT 7725

(α, α)

⁷⁷Ir-191

Radionuclide Production Cross Section



20

Incident Energy (MeV)

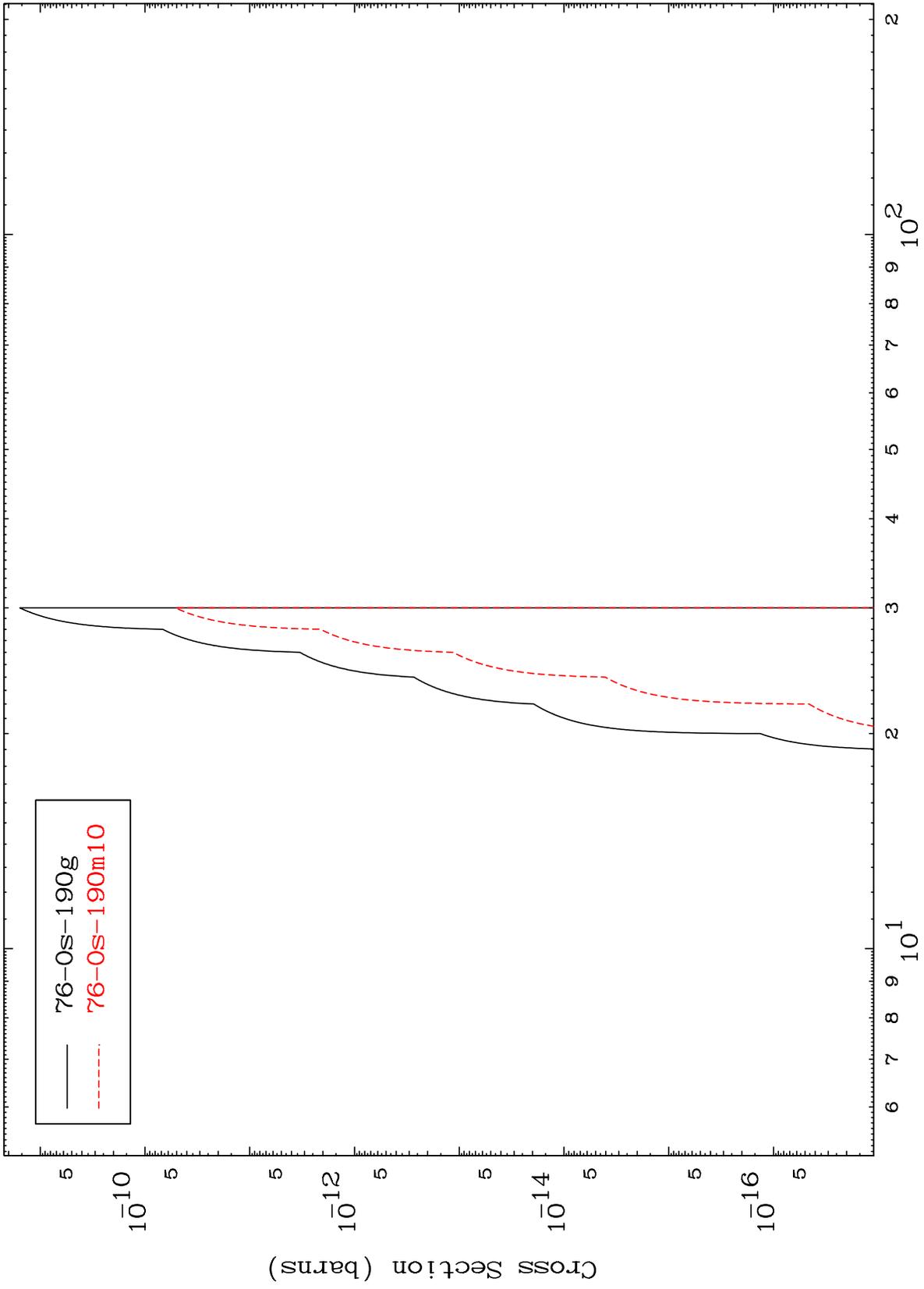
⁷⁷Ir-191

MAT 7725

(α, p) α

77-Ir-191

Radionuclide Production Cross Section



21

Incident Energy (MeV)

77-Ir-191