

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

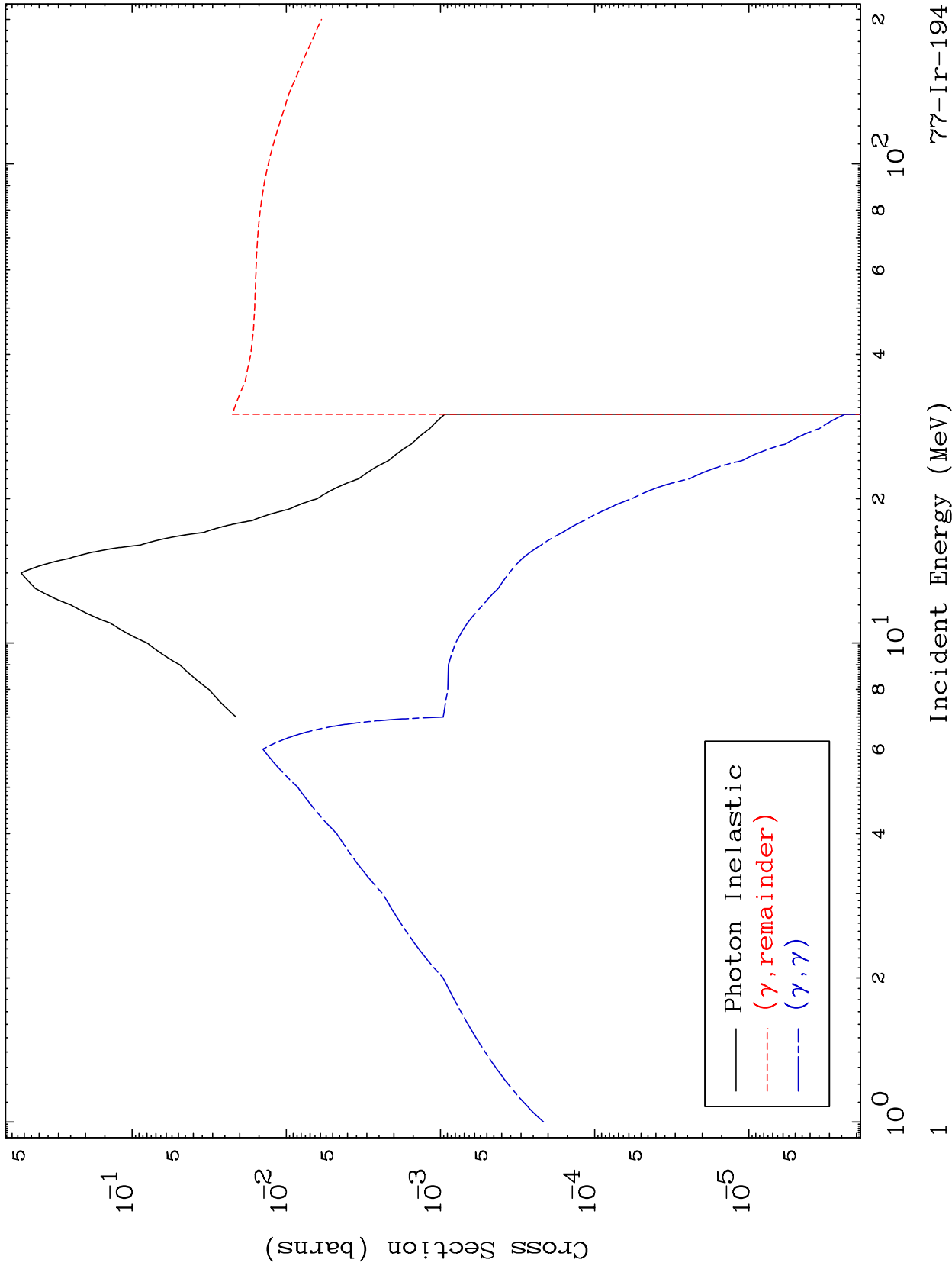
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

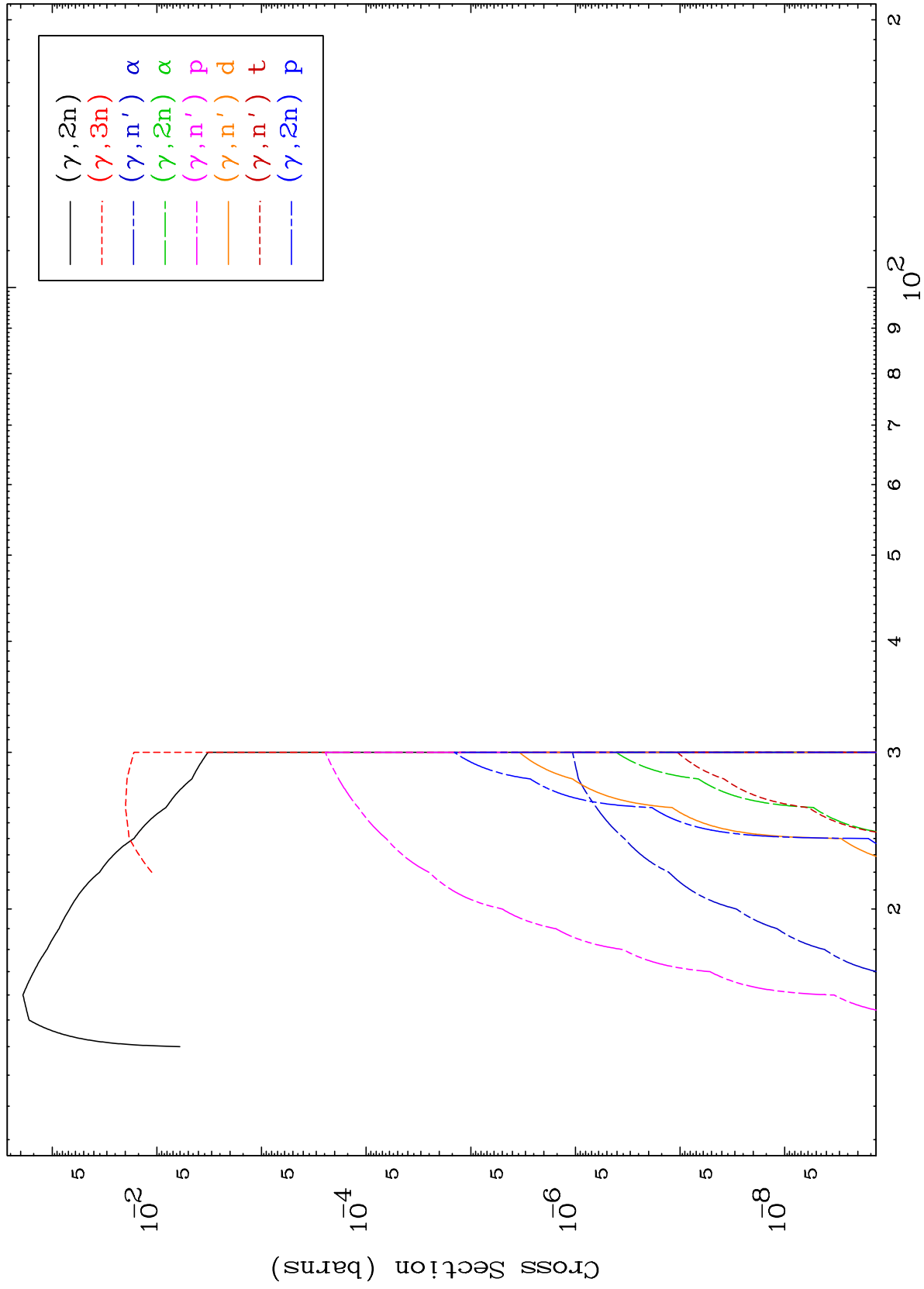
Press Mouse Button to Start

MAT 7734

Photon Major
0 Kelvin Cross Sections

77-Ir-194

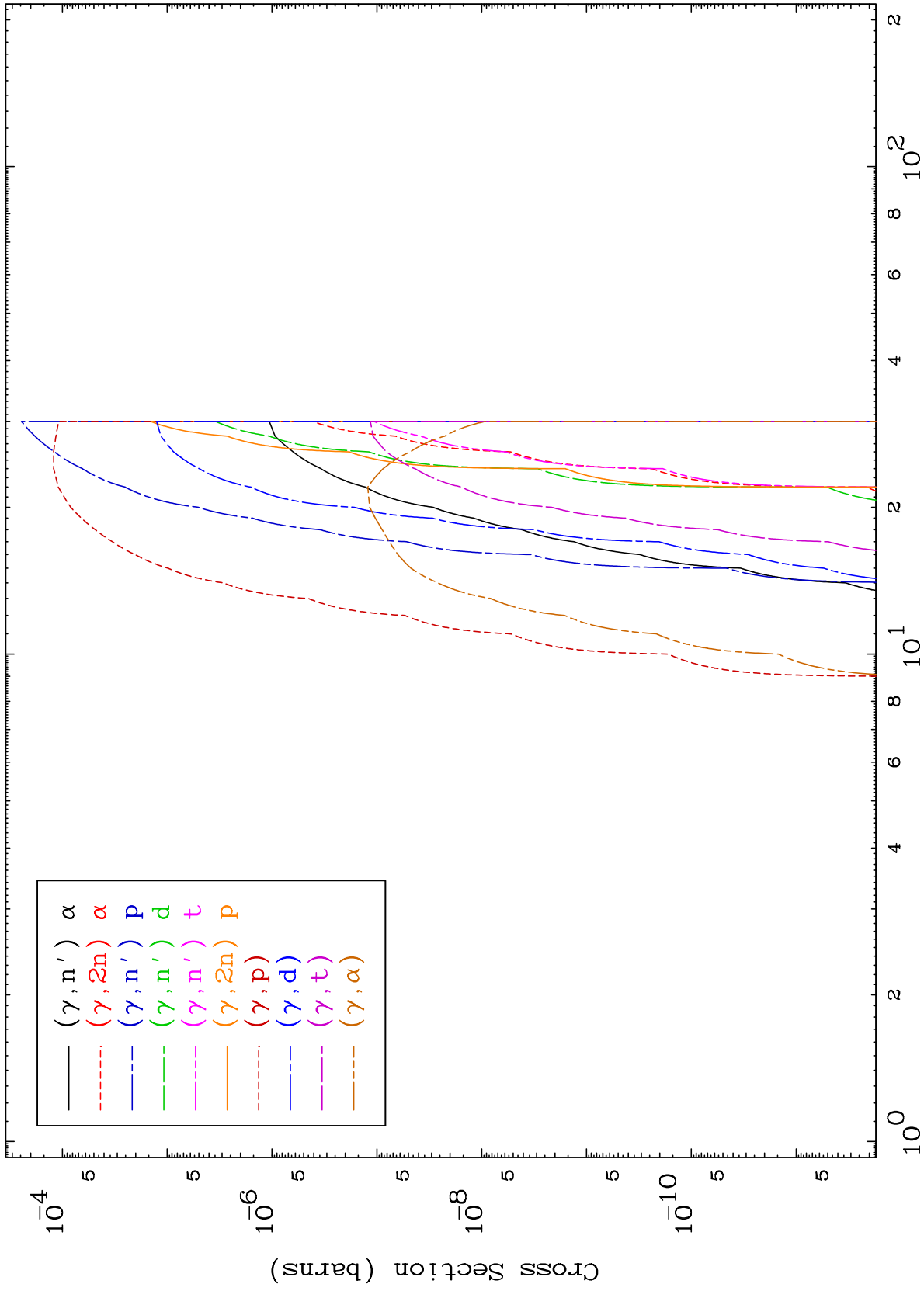




MAT 7734

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-194



Incident Energy (MeV)

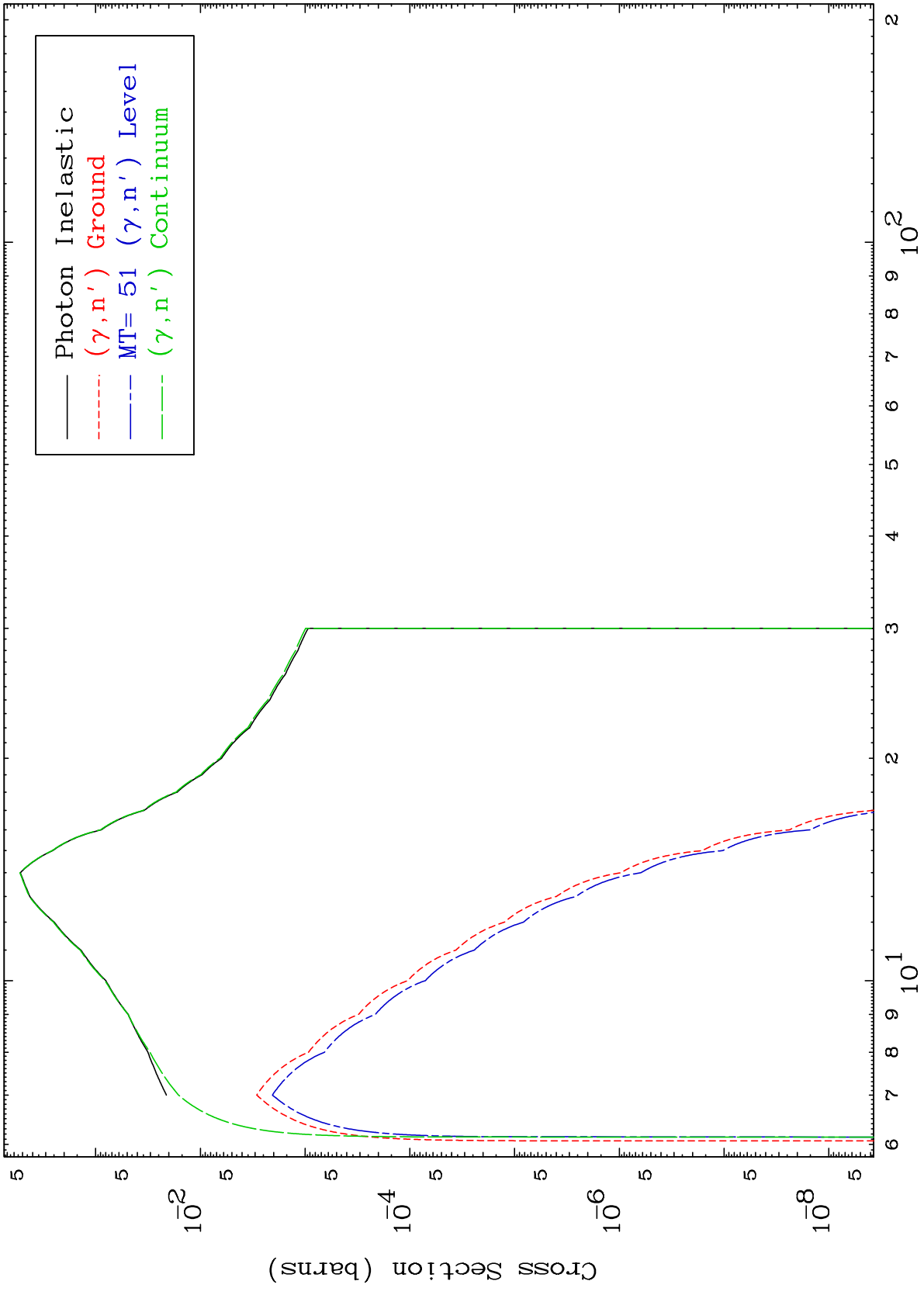
77-Ir-194

3

MAT 7734

(γ, n') Level
0 Kelvin Cross Sections

77-Ir-194



4

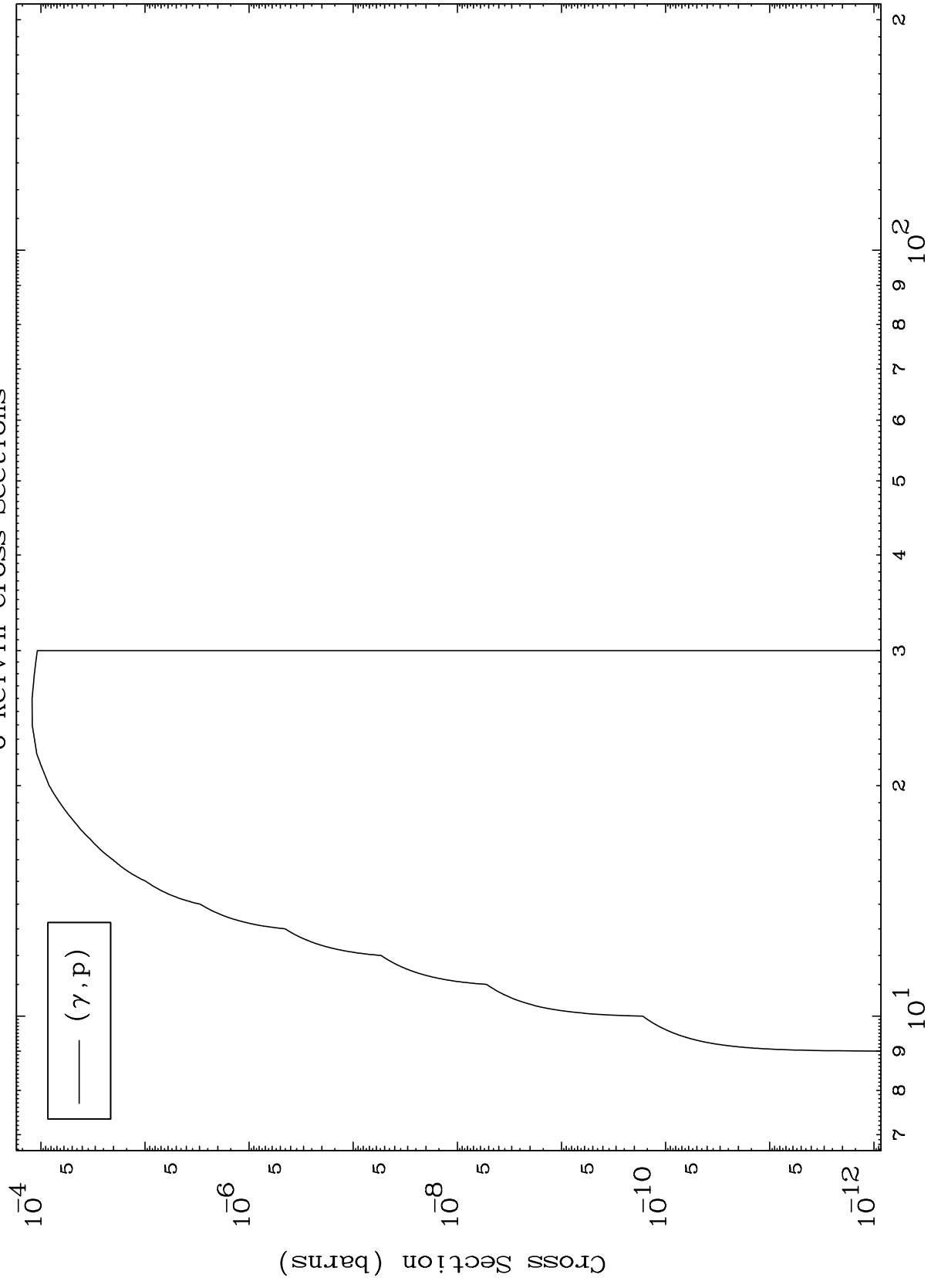
Incident Energy (MeV)

77-Ir-194

MAT 7734

(γ, p) Levels
0 Kelvin Cross Sections

77-Ir-194



5

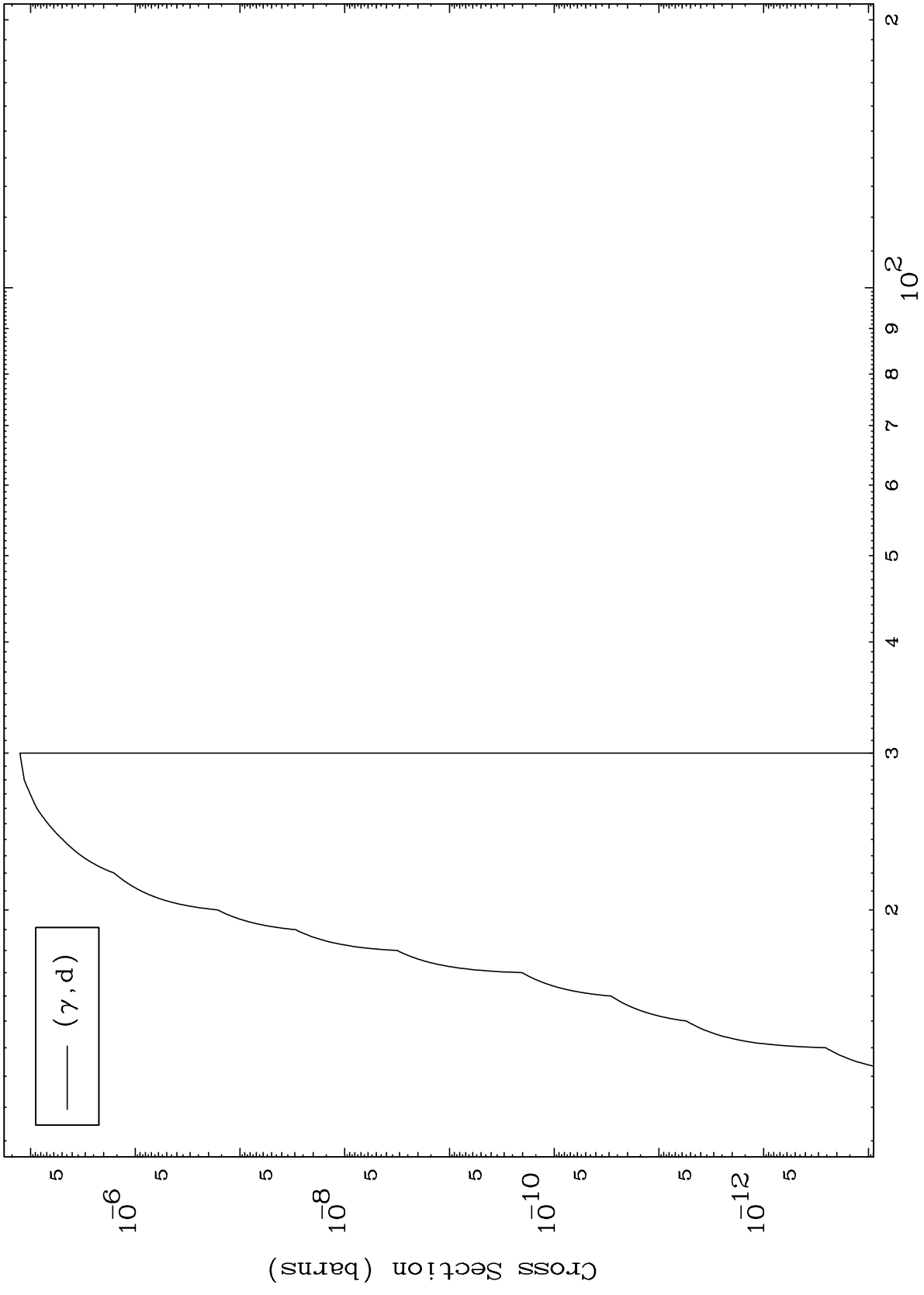
Incident Energy (MeV)

77-Ir-194

MAT 7734

(γ, d) Levels
0 Kelvin Cross Sections

77-Ir-194



6

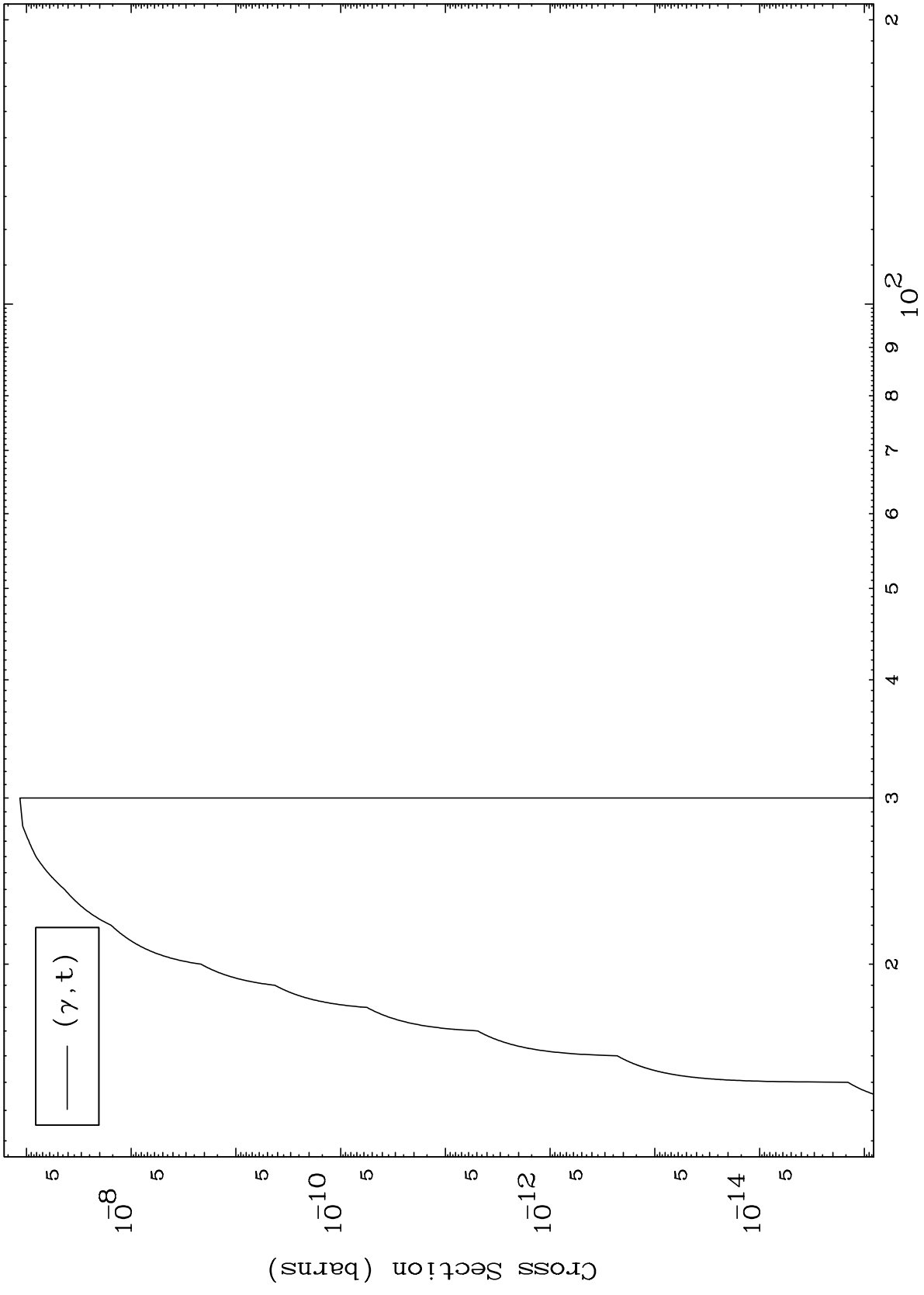
Incident Energy (MeV)

77-Ir-194

MAT 7734

(γ, t) Levels
0 Kelvin Cross Sections

77-Ir-194



7

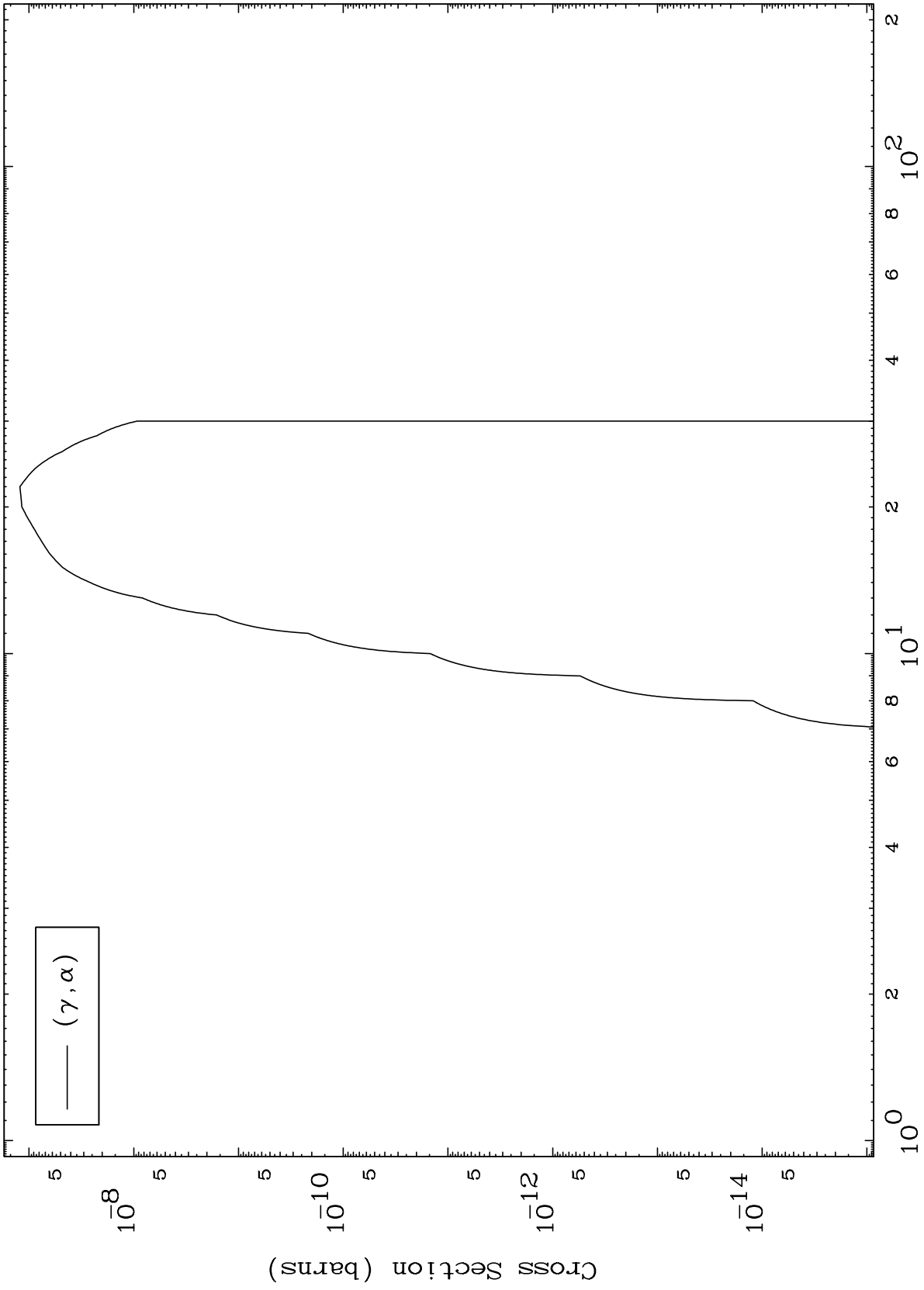
Incident Energy (MeV)

77-Ir-194

MAT 7734

(γ, α) Levels
0 Kelvin Cross Sections

77-Ir-194



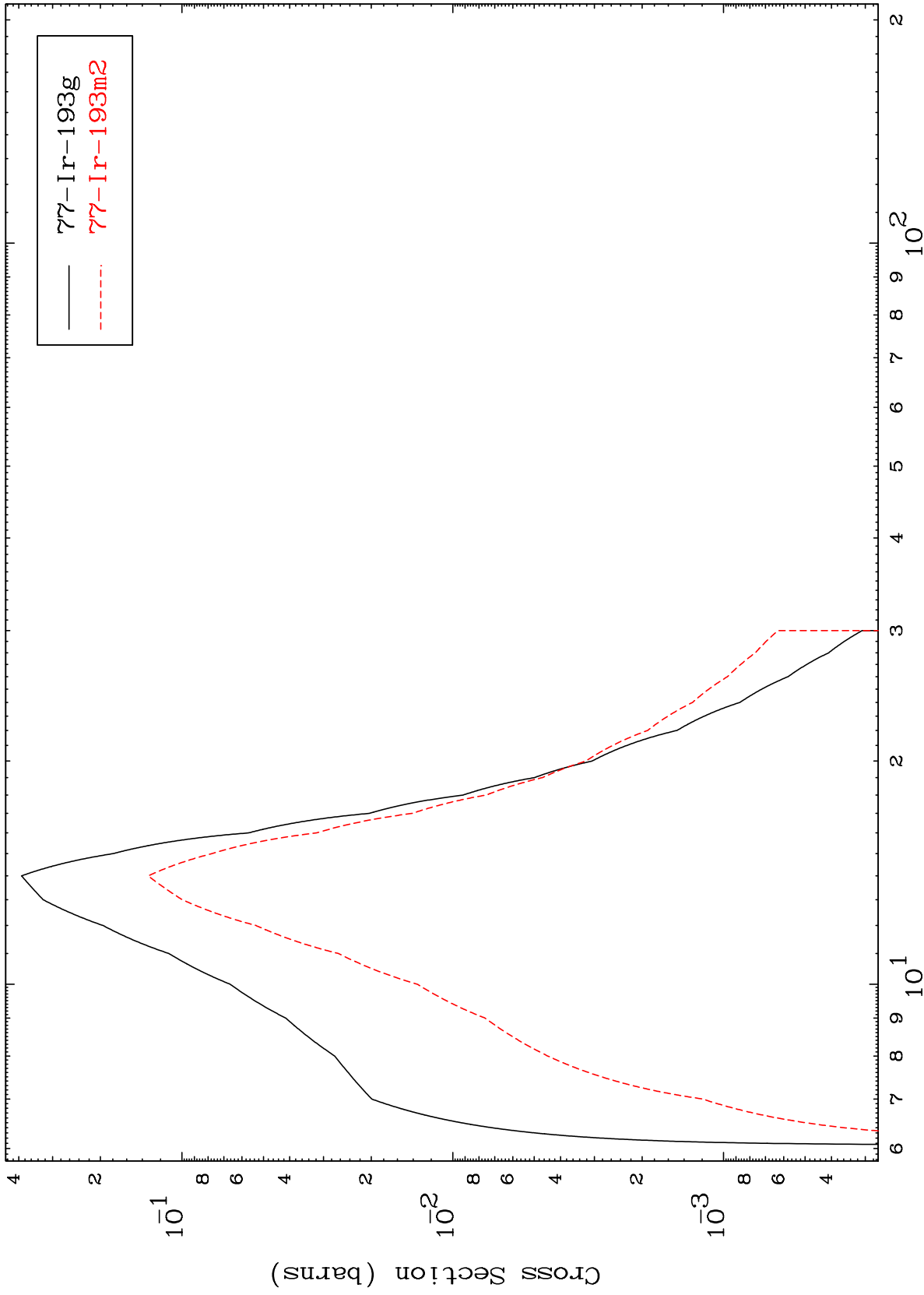
Incident Energy (MeV)

77-Ir-194

MAT 7734

Photon Inelastic
Radionuclide Production Cross Section

77-Ir-194



9

Incident Energy (MeV)

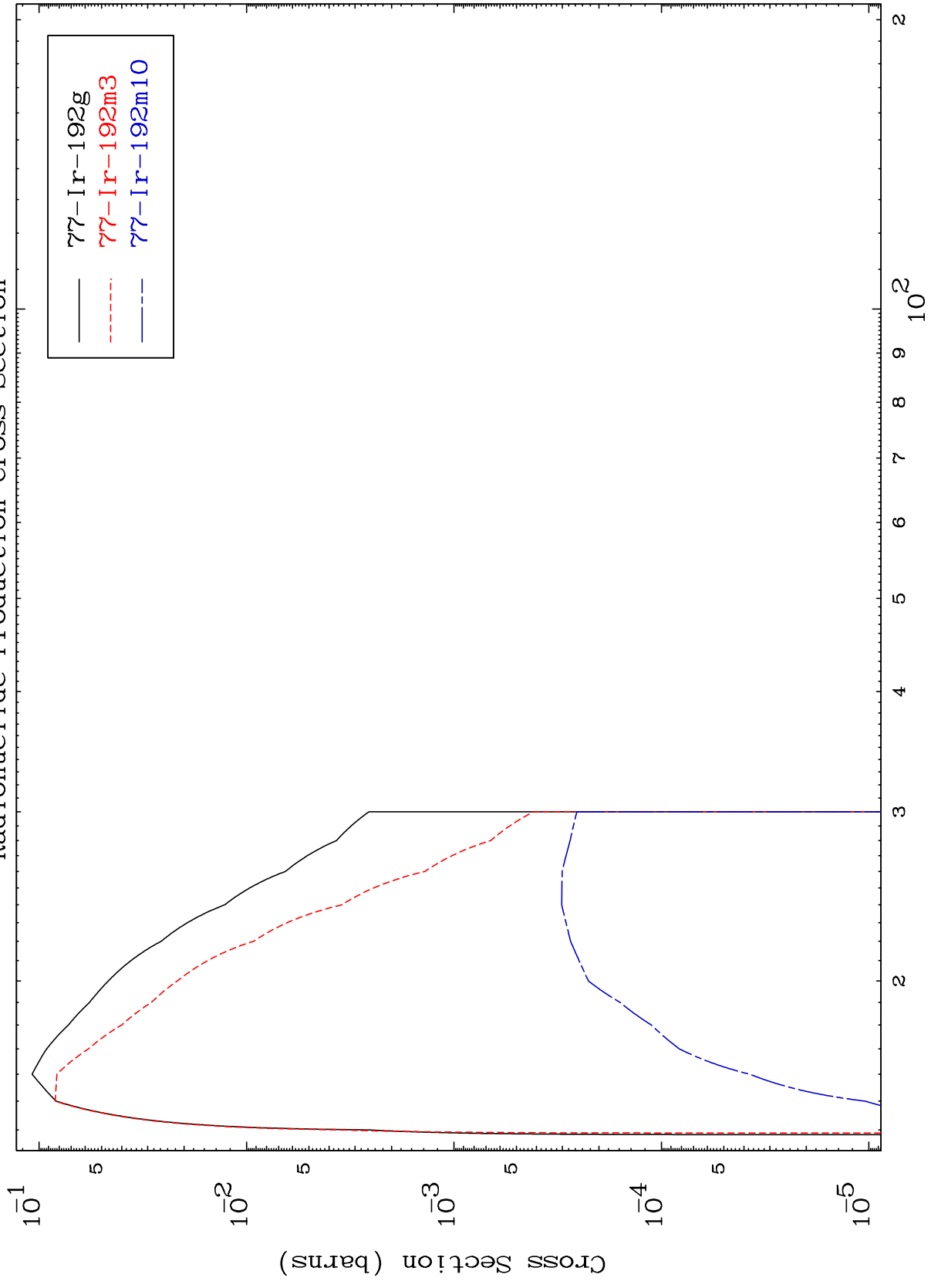
77-Ir-194

MAT 7734

($\gamma, 2n$)

77-Ir-194

Radionuclide Production Cross Section



10

Incident Energy (MeV)

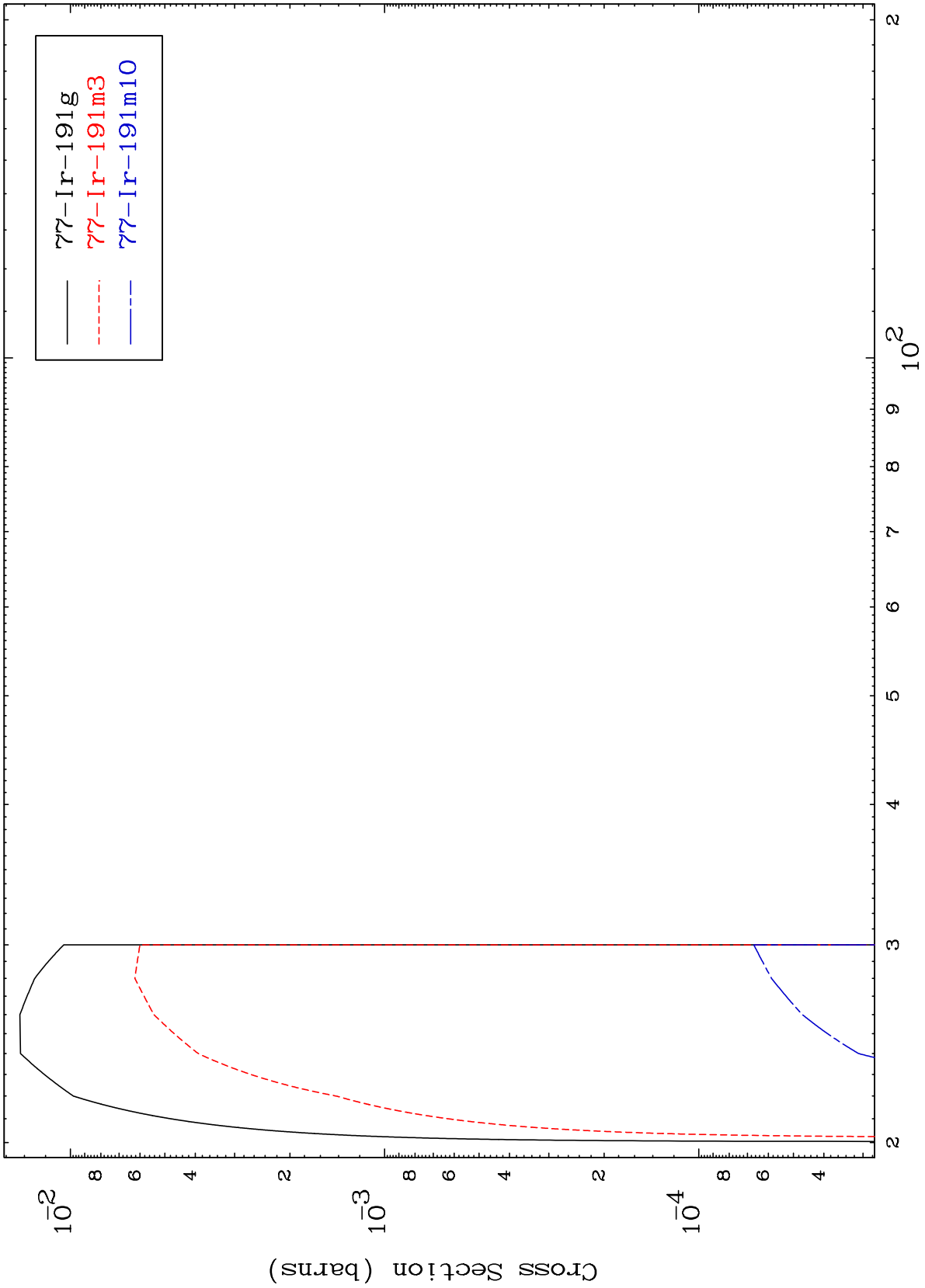
77-Ir-194

MAT 7734

($\gamma, 3n$)

77-Ir-194

Radionuclide Production Cross Section



11

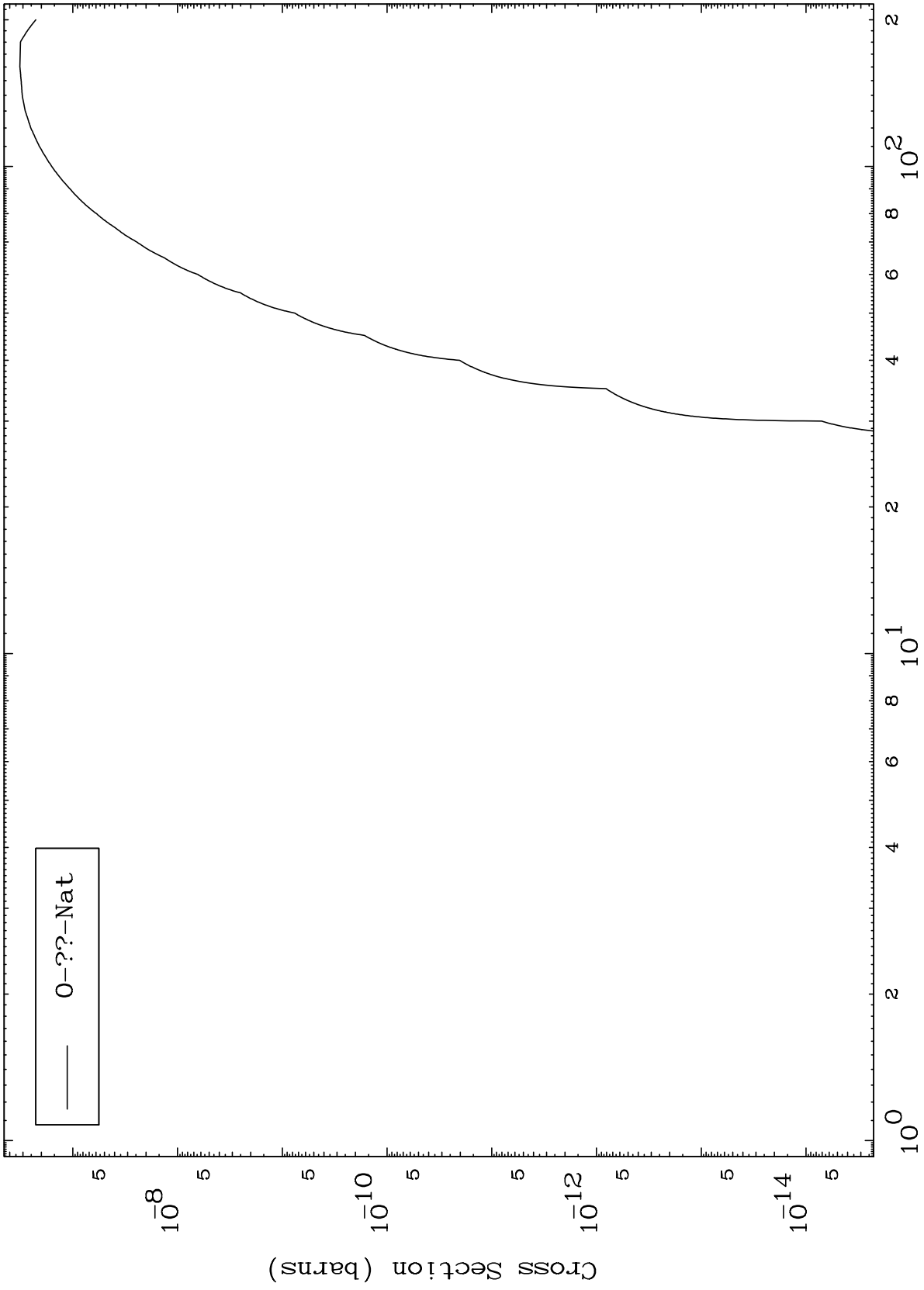
Incident Energy (MeV)

77-Ir-194

MAT 7734

Photon Fission
Radionuclide Production Cross Section

77-Ir-194



Incident Energy (MeV)

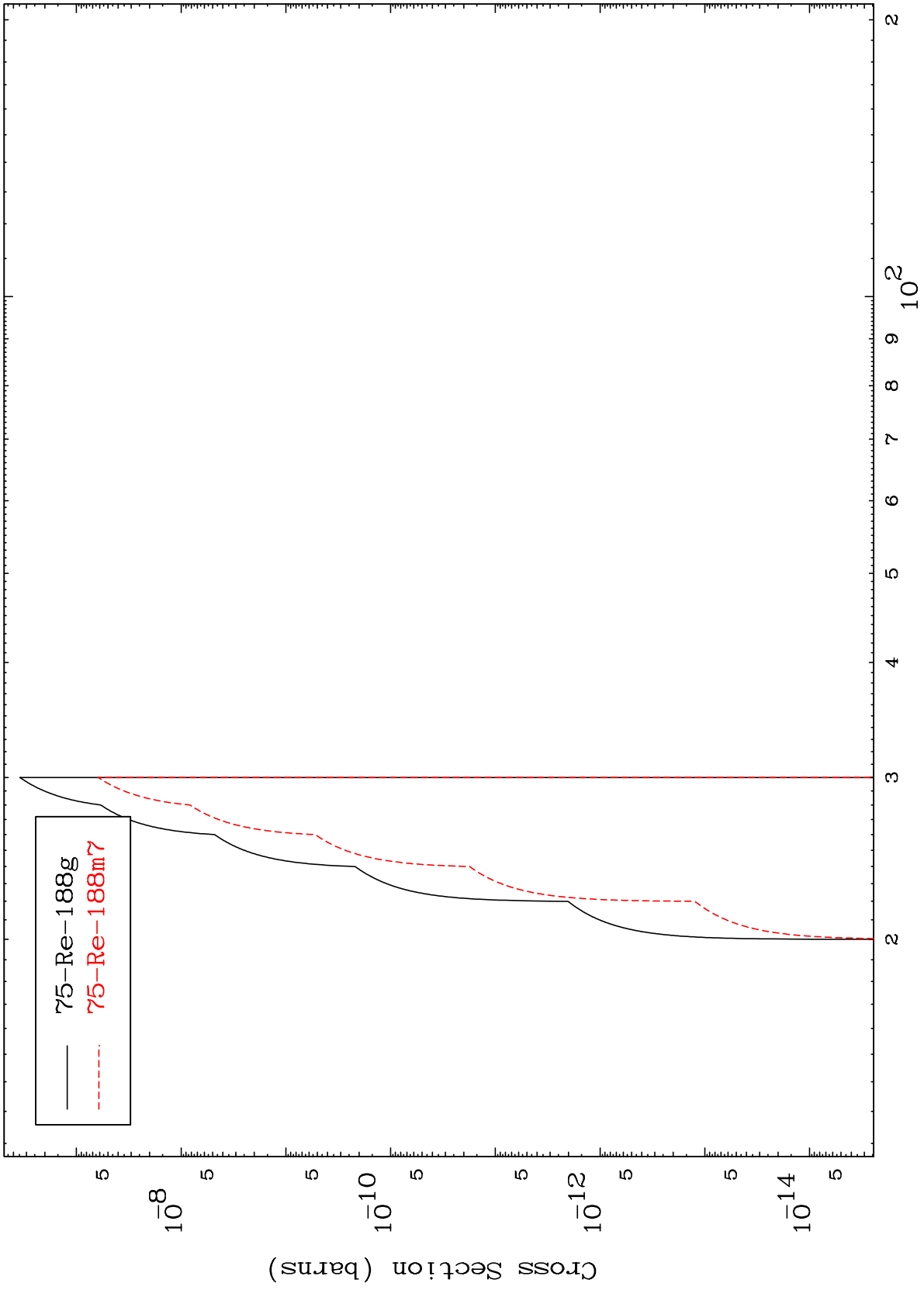
77-Ir-194

MAT 7734

($\gamma, 2n$) α

77-Ir-194

Radionuclide Production Cross Section



13

Incident Energy (MeV)

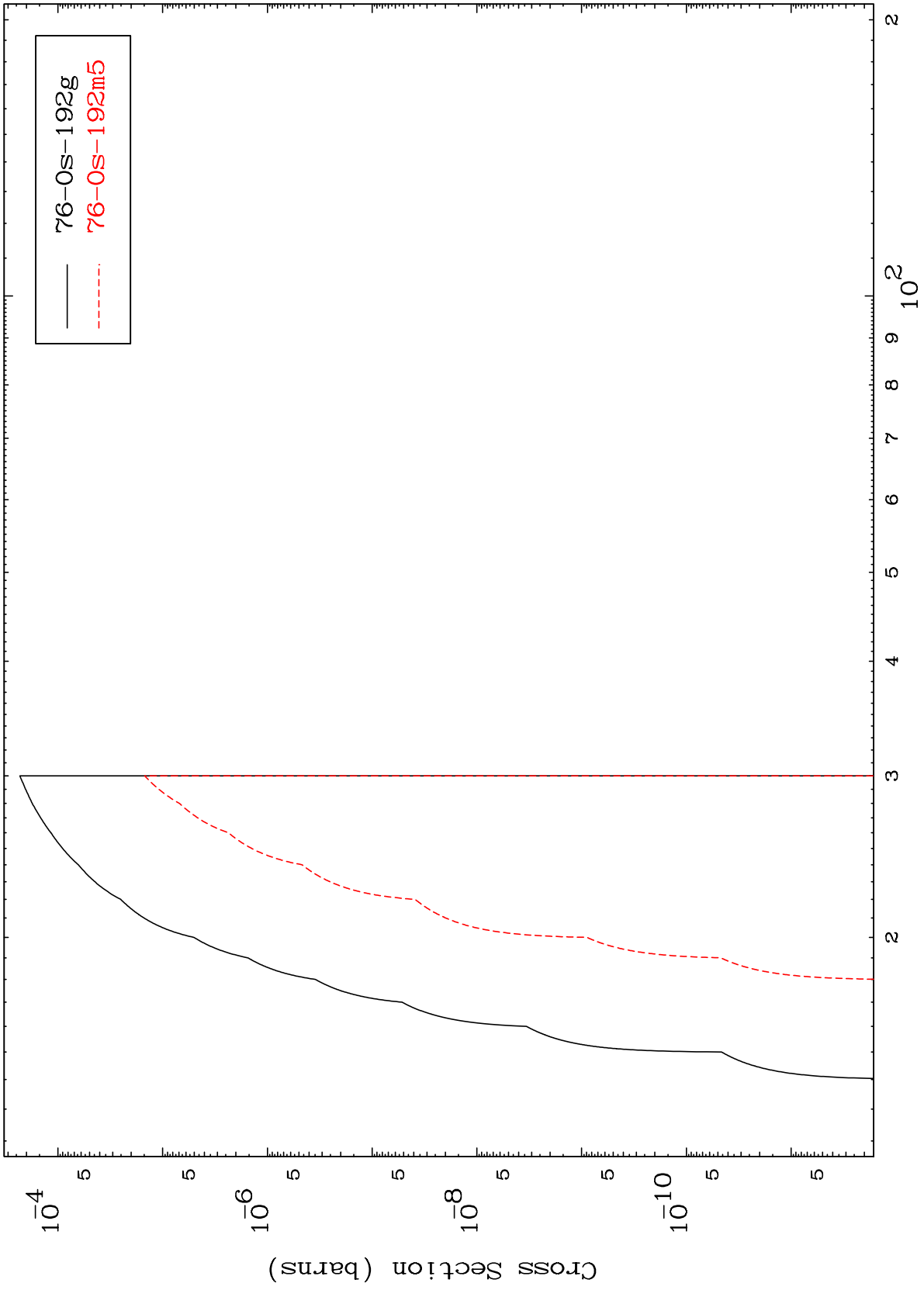
77-Ir-194

MAT 7734

(γ, n') p

77-Ir-194

Radionuclide Production Cross Section



14

Incident Energy (MeV)

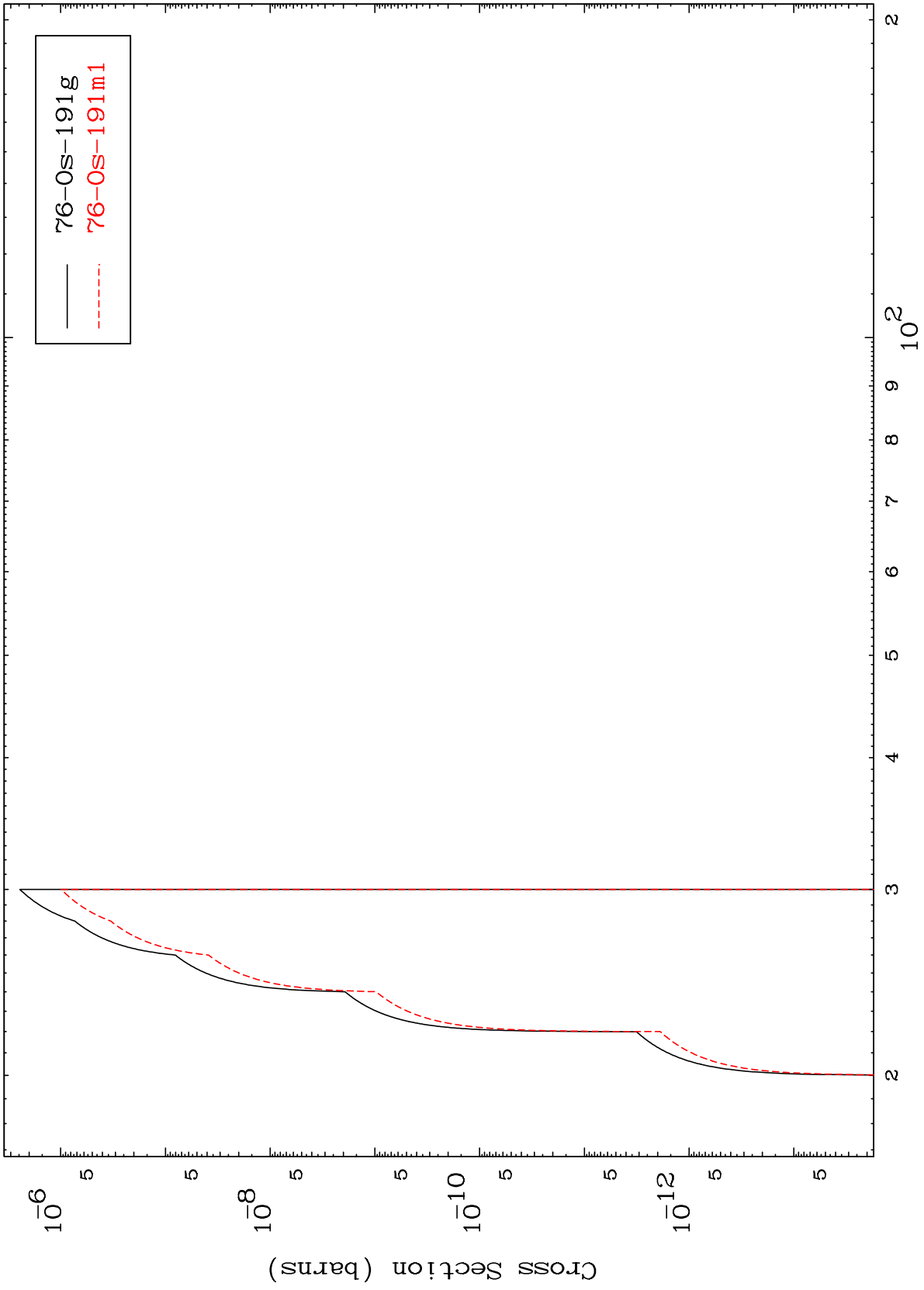
77-Ir-194

MAT 7734

(γ, n') d

77-Ir-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

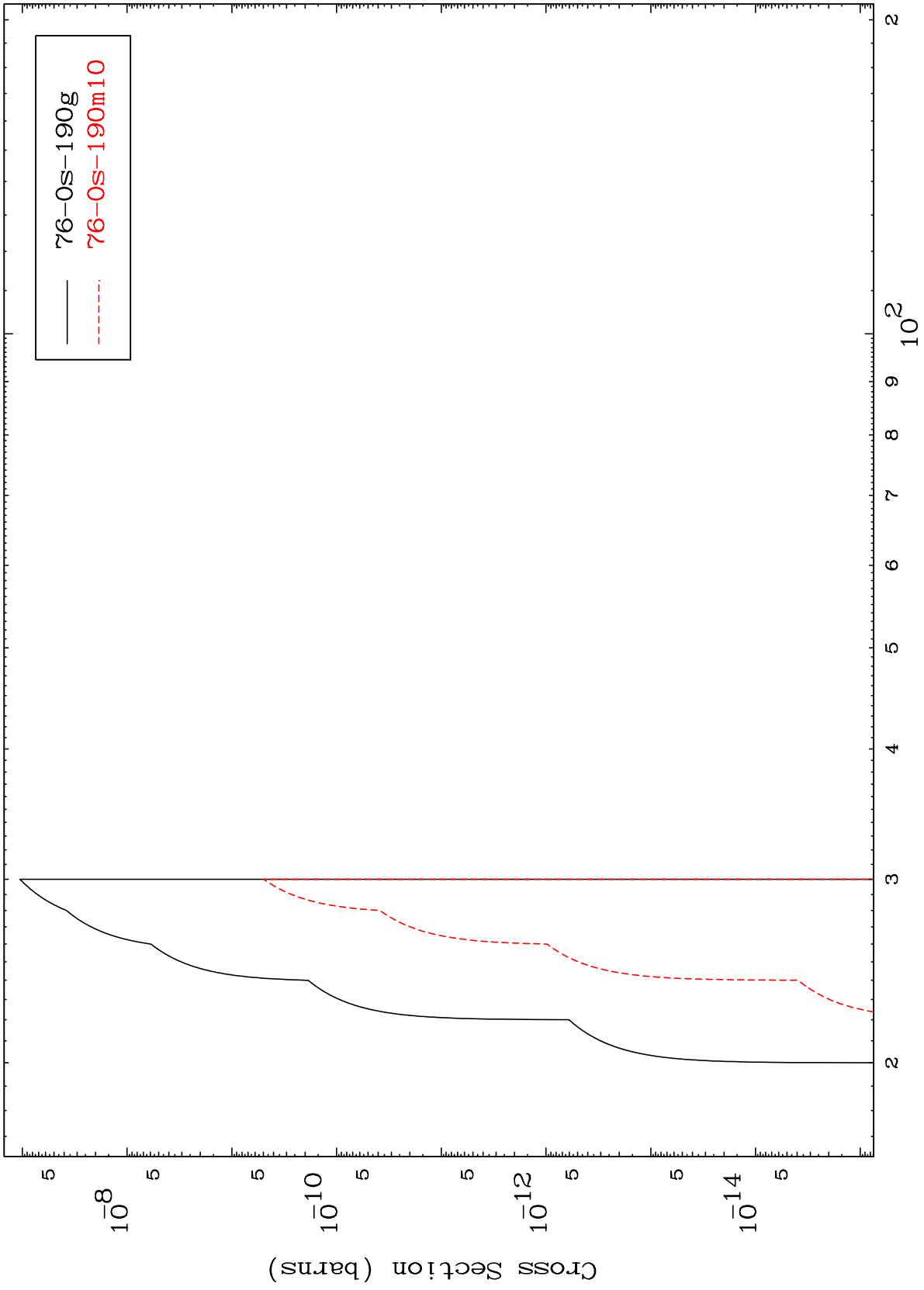
77-Ir-194

MAT 7734

(γ, n') t

77-Ir-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

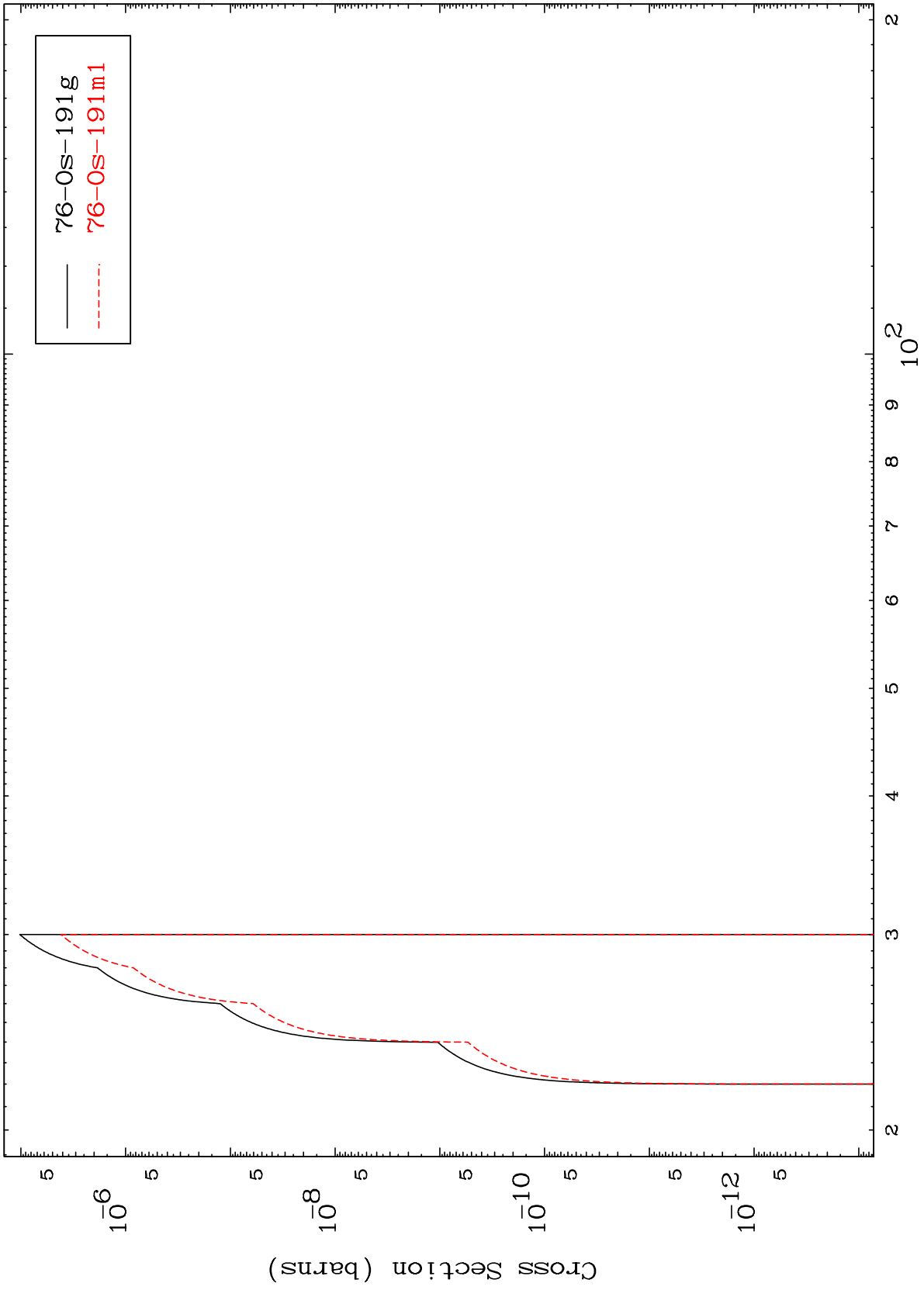
77-Ir-194

MAT 7734

($\gamma, 2n$) p

⁷⁷Ir-194

Radionuclide Production Cross Section



17

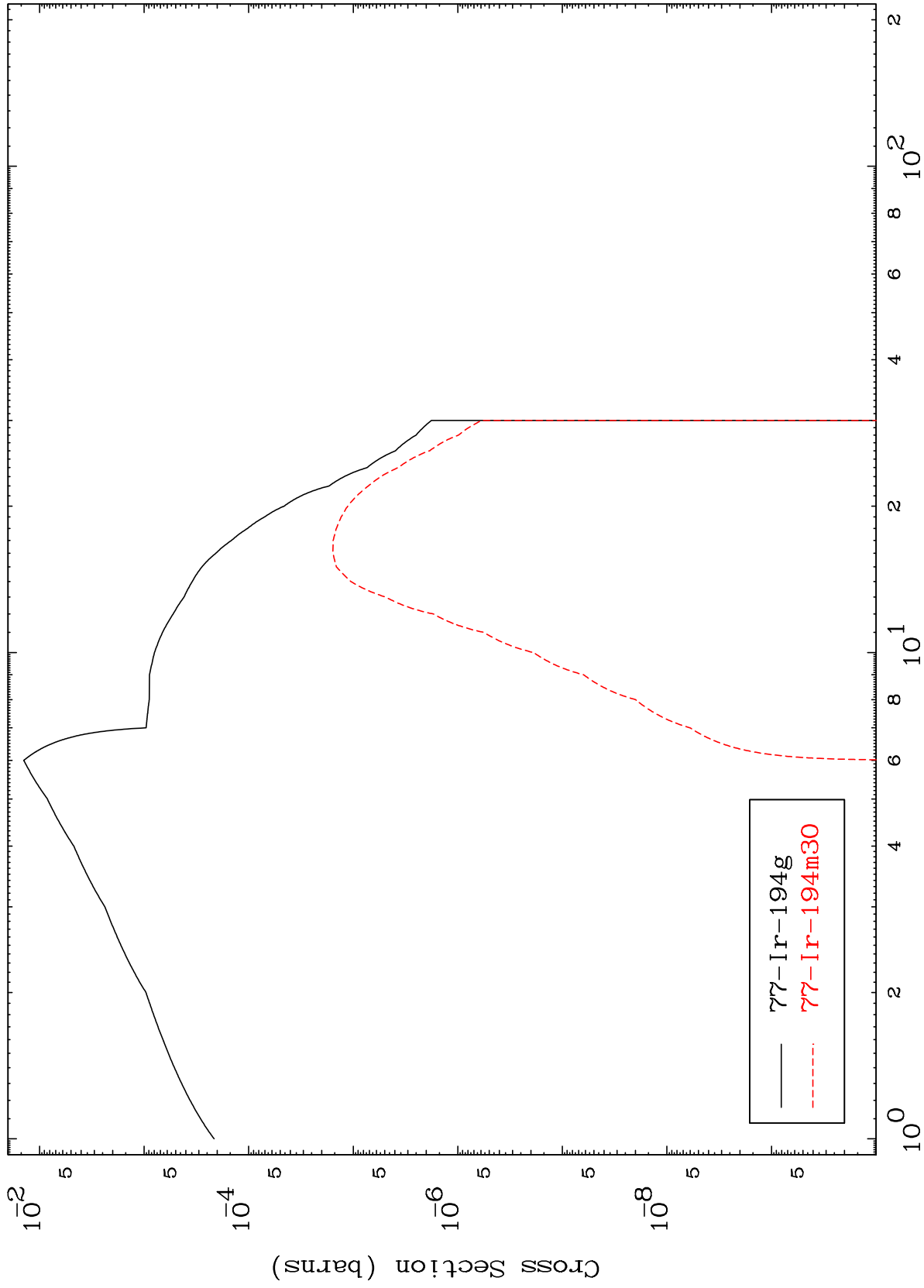
Incident Energy (MeV)

⁷⁷Ir-194

MAT 7734

77-Ir-194

(γ, γ)
Radionuclide Production Cross Section



77-Ir-194

Incident Energy (MeV)

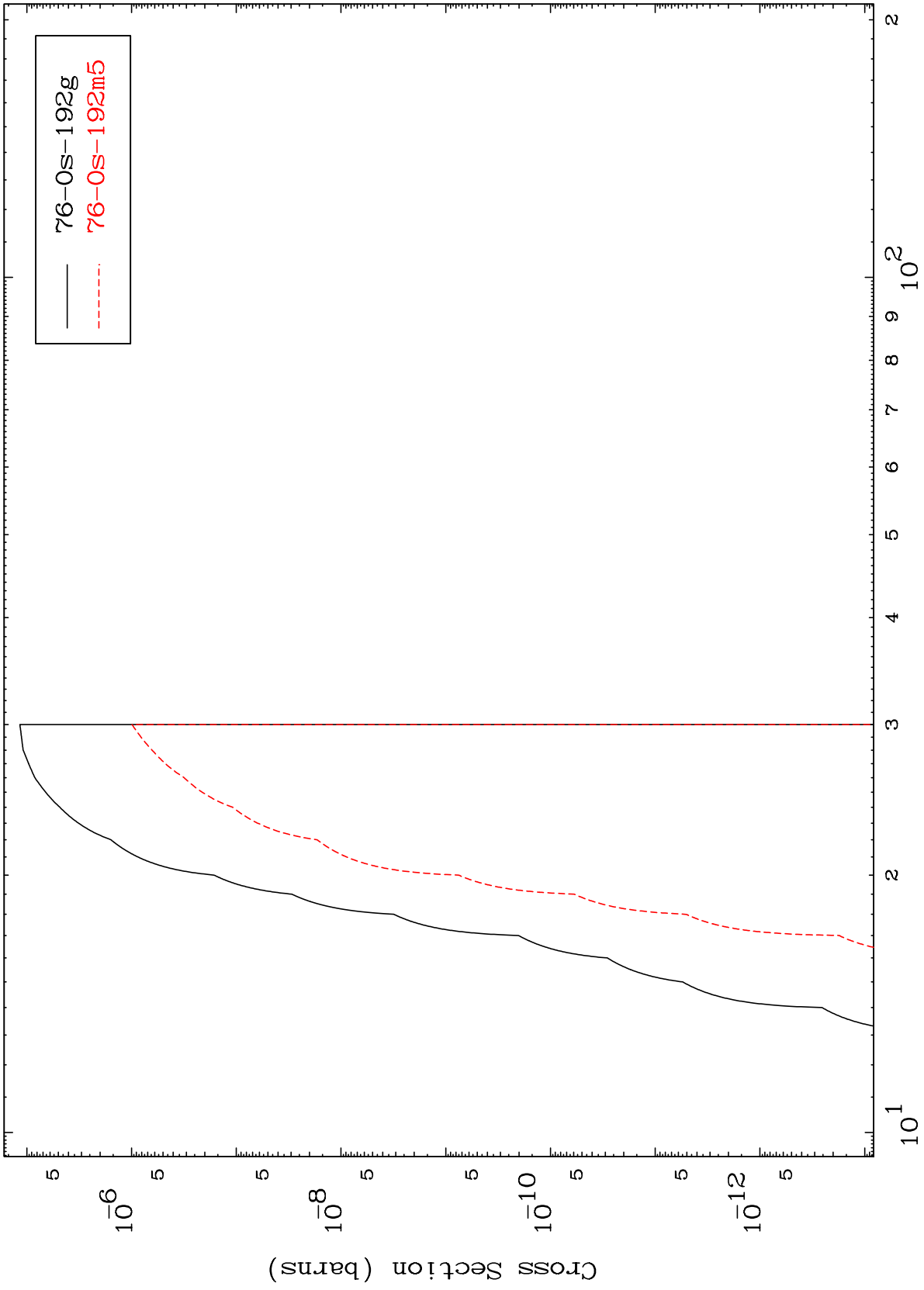
18

MAT 7734

(γ, d)

77-Ir-194

Radionuclide Production Cross Section



Incident Energy (MeV)

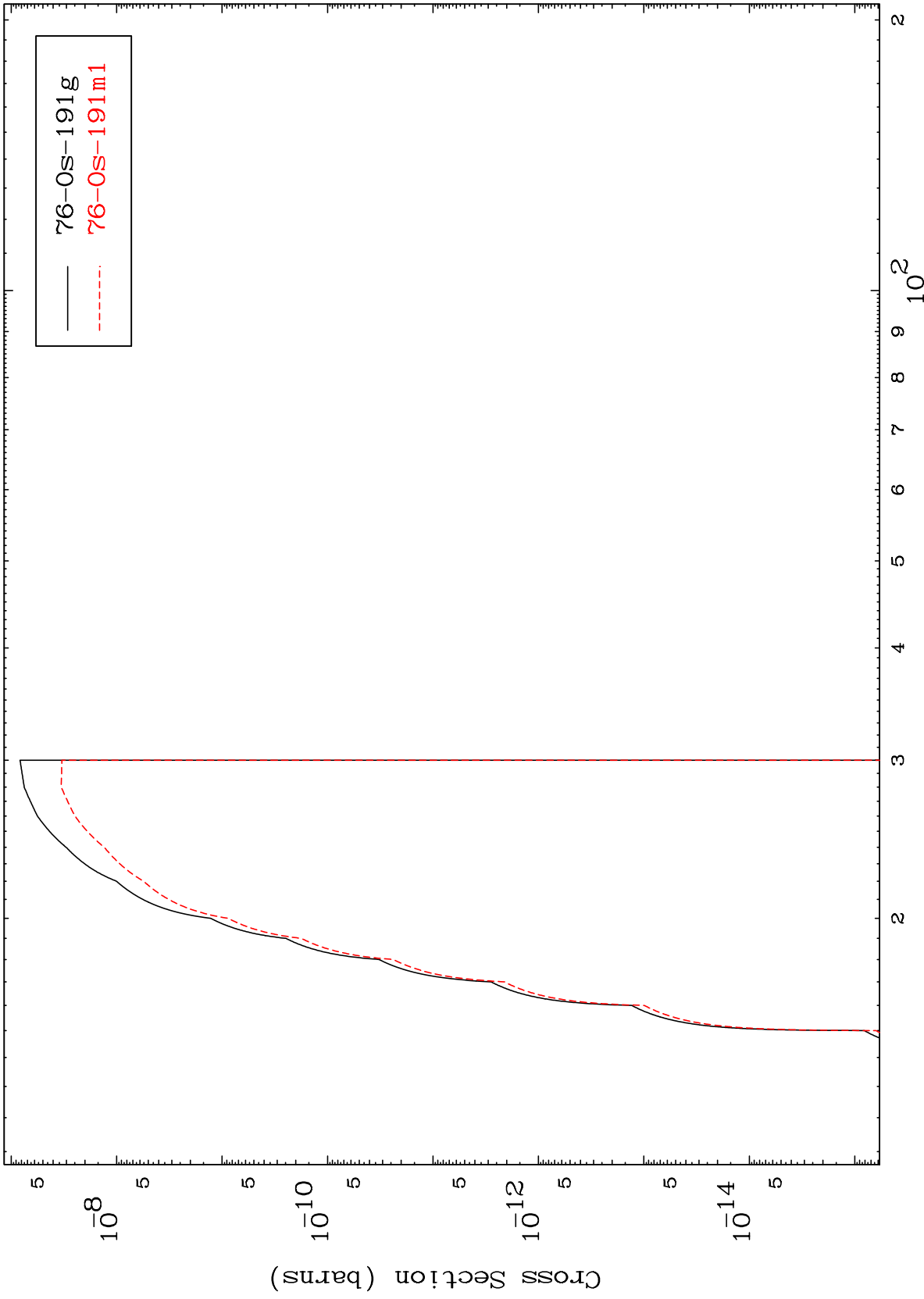
77-Ir-194

MAT 7734

(γ, t)

77-Ir-194

Radionuclide Production Cross Section



20

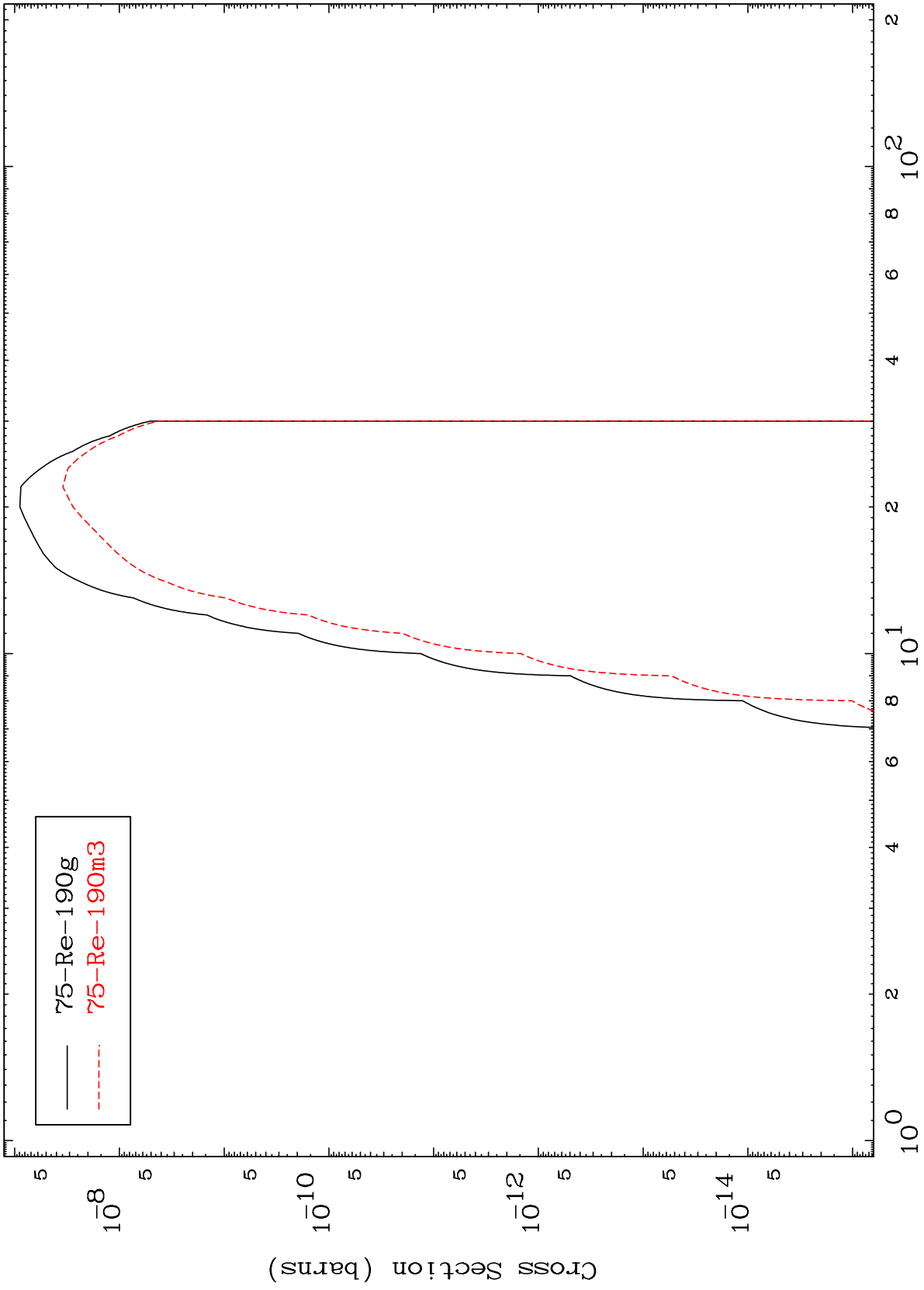
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

Radionuclide Production Cross Section



75-Re-190g
75-Re-190m3

21

77-Ir-194