

Program EVALPLOT
(Version 2017-1)

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

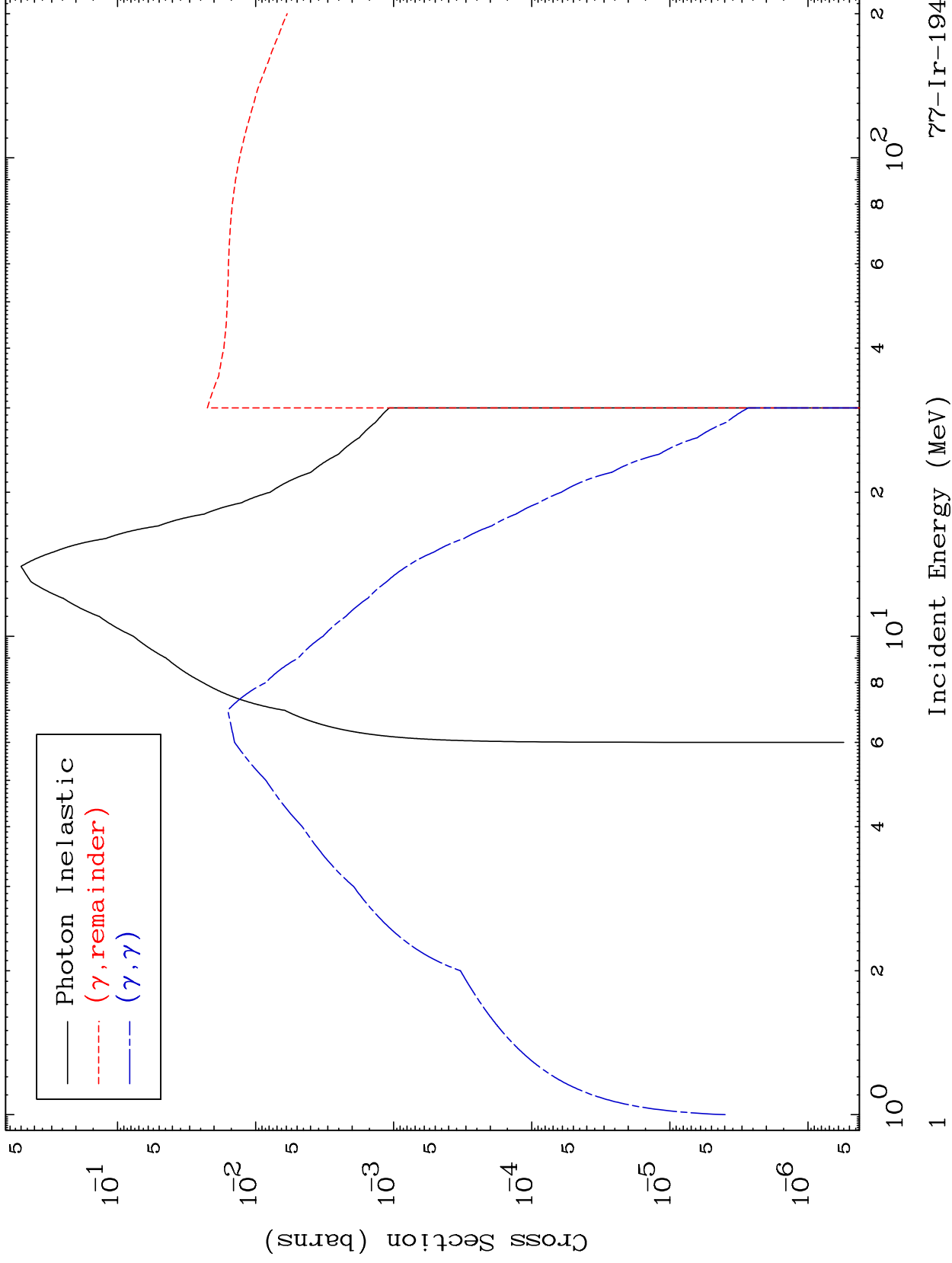
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7735

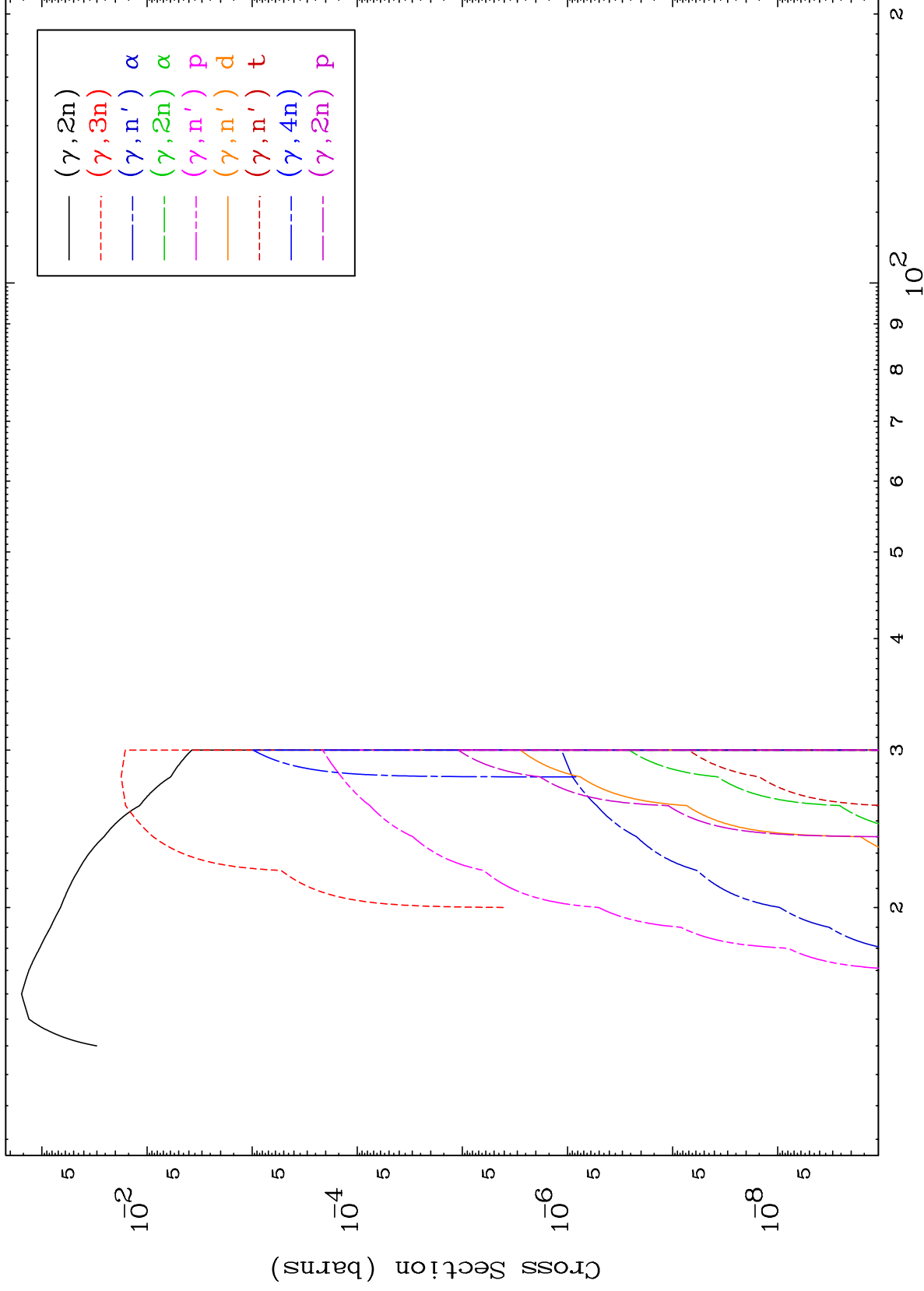
Photon Major
0 Kelvin Cross Sections

77-Ir-194



Incident Energy (MeV)

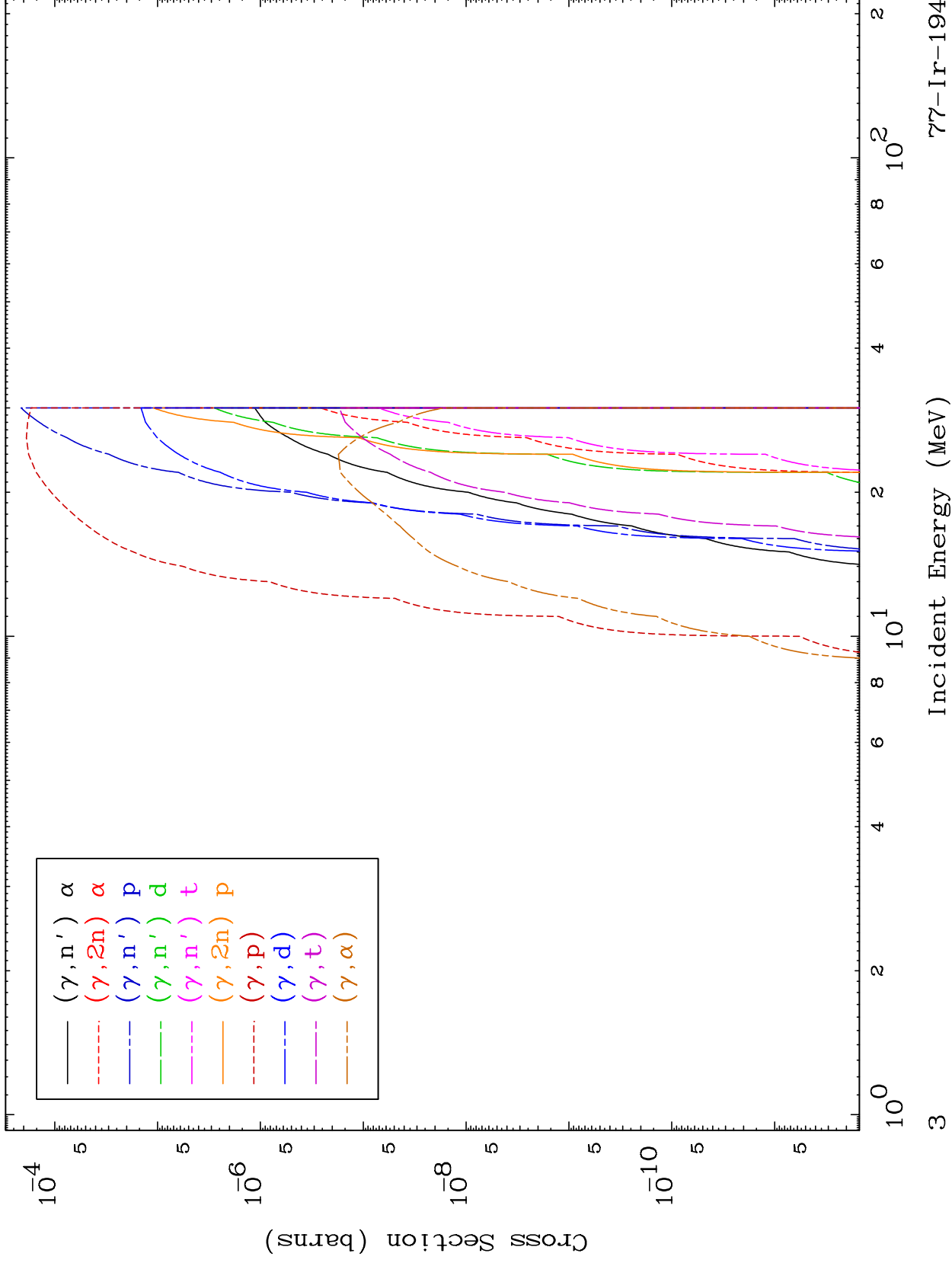
77-Ir-194



MAT 7735

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-194



Incident Energy (MeV)

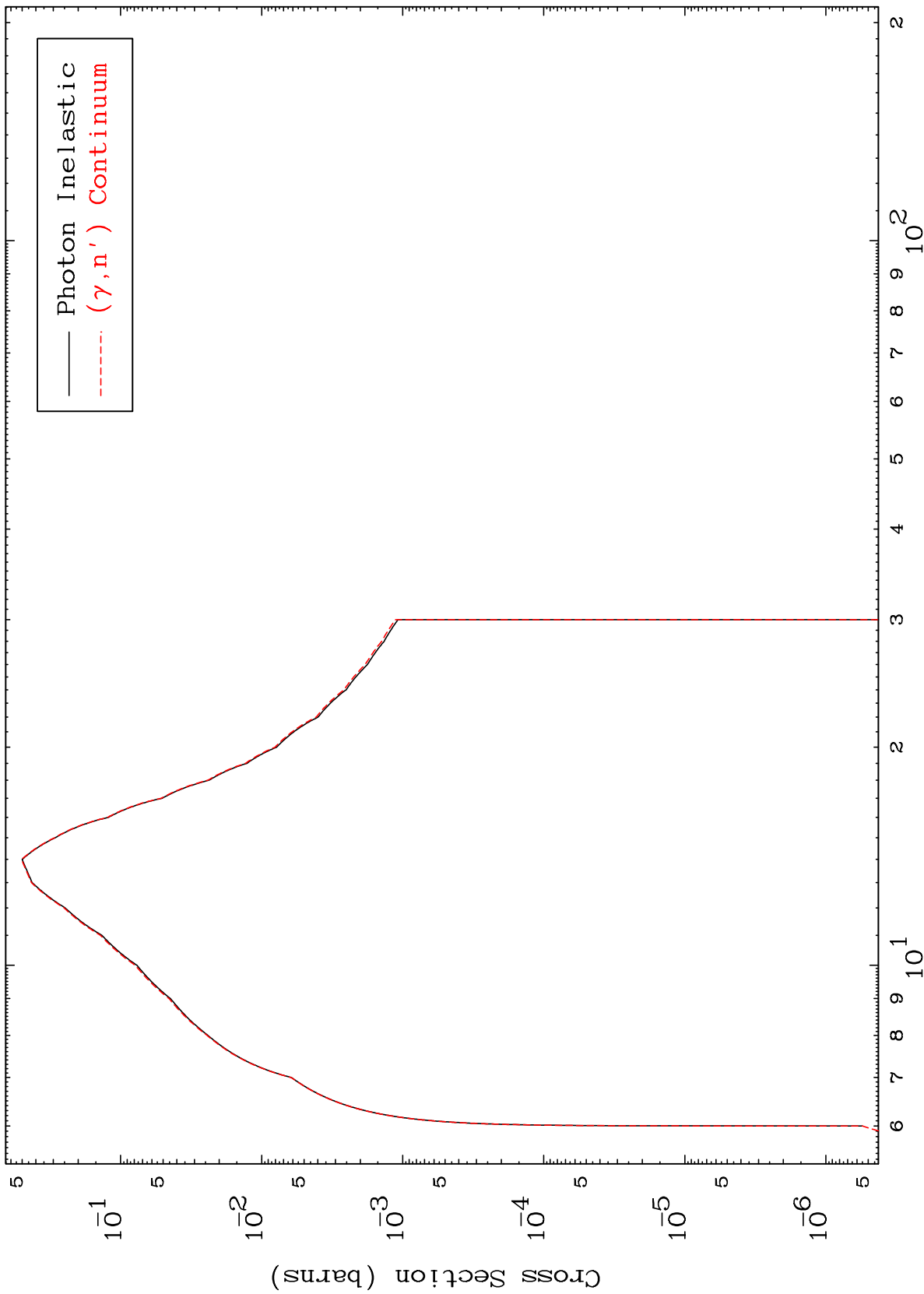
77-Ir-194

3

MAT 7735

77-Ir-194

(γ, n') Level
0 Kelvin Cross Sections



4

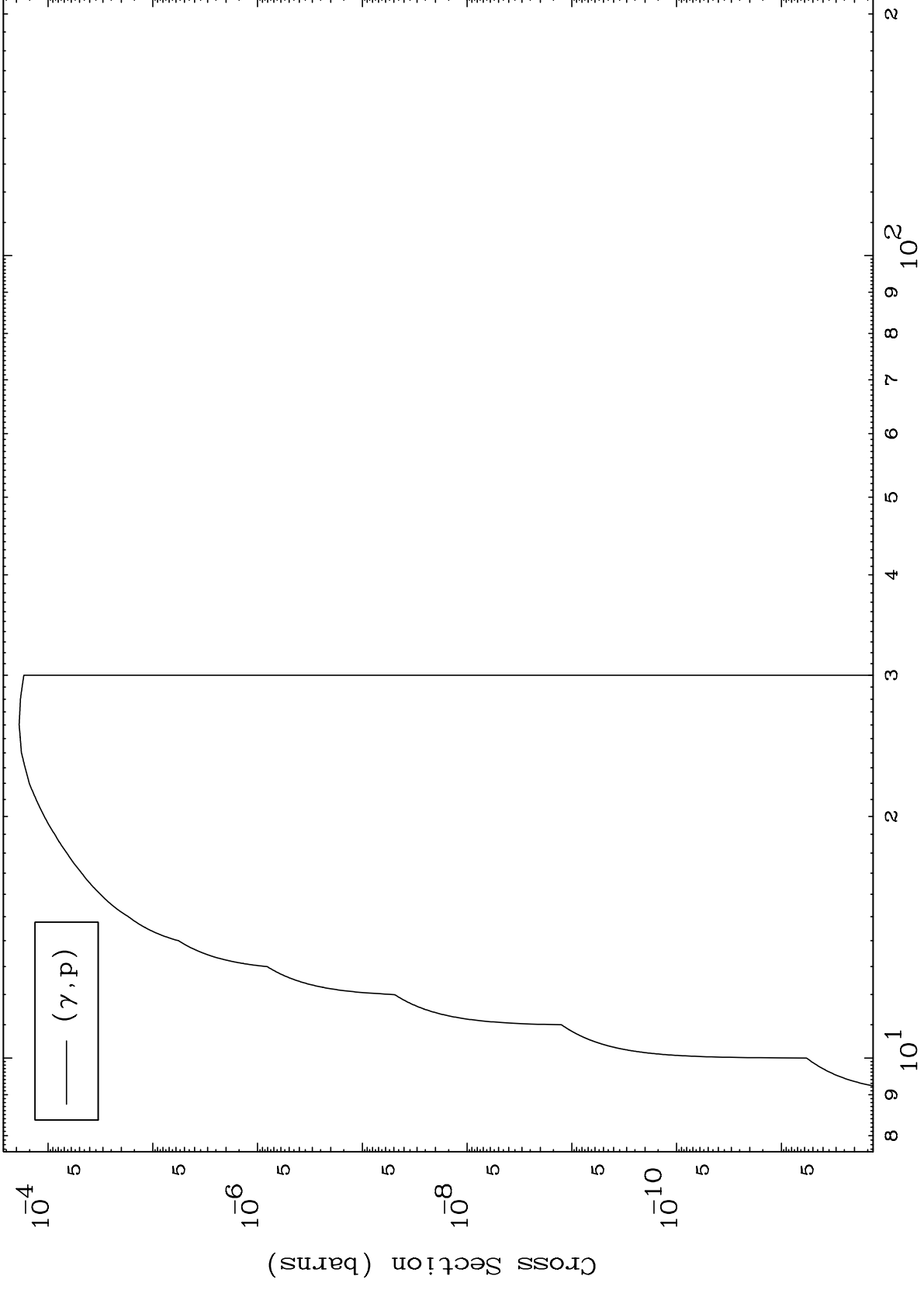
Incident Energy (MeV)

77-Ir-194

MAT 7735

(γ, p) Levels
0 Kelvin Cross Sections

77-Ir-194

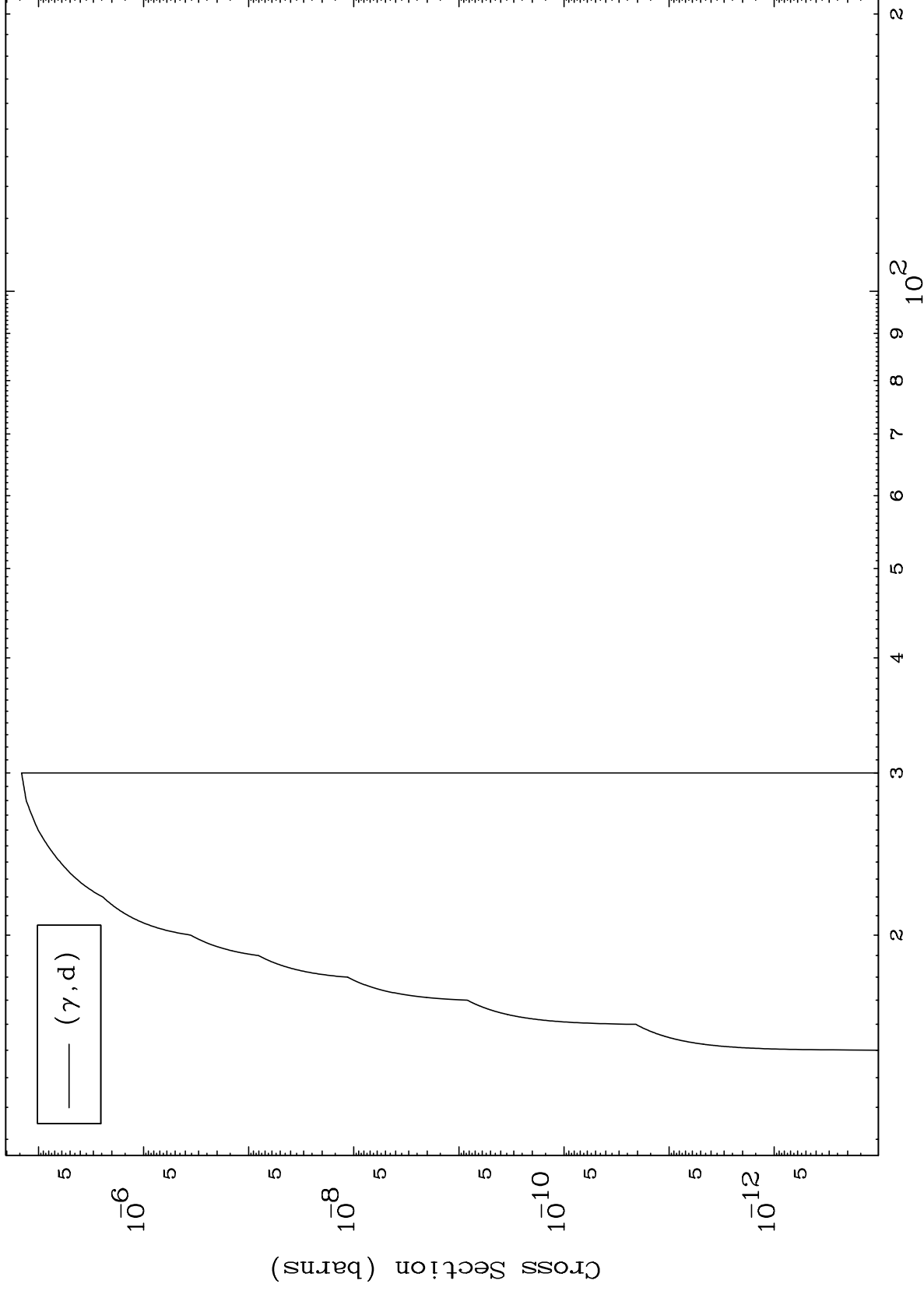


(γ, p)

Incident Energy (MeV)

77-Ir-194

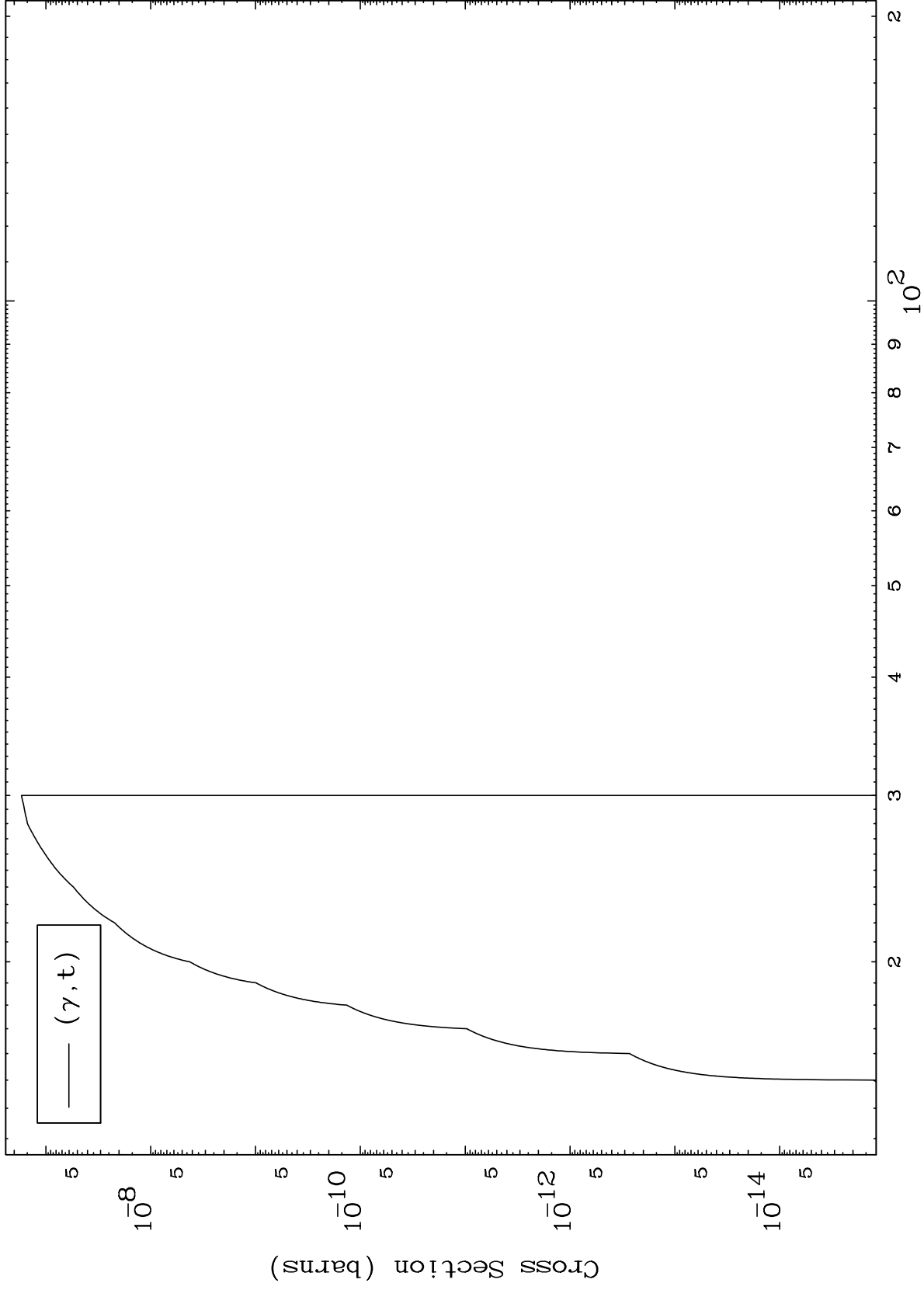
5



MAT 7735

(γ, t) Levels
0 Kelvin Cross Sections

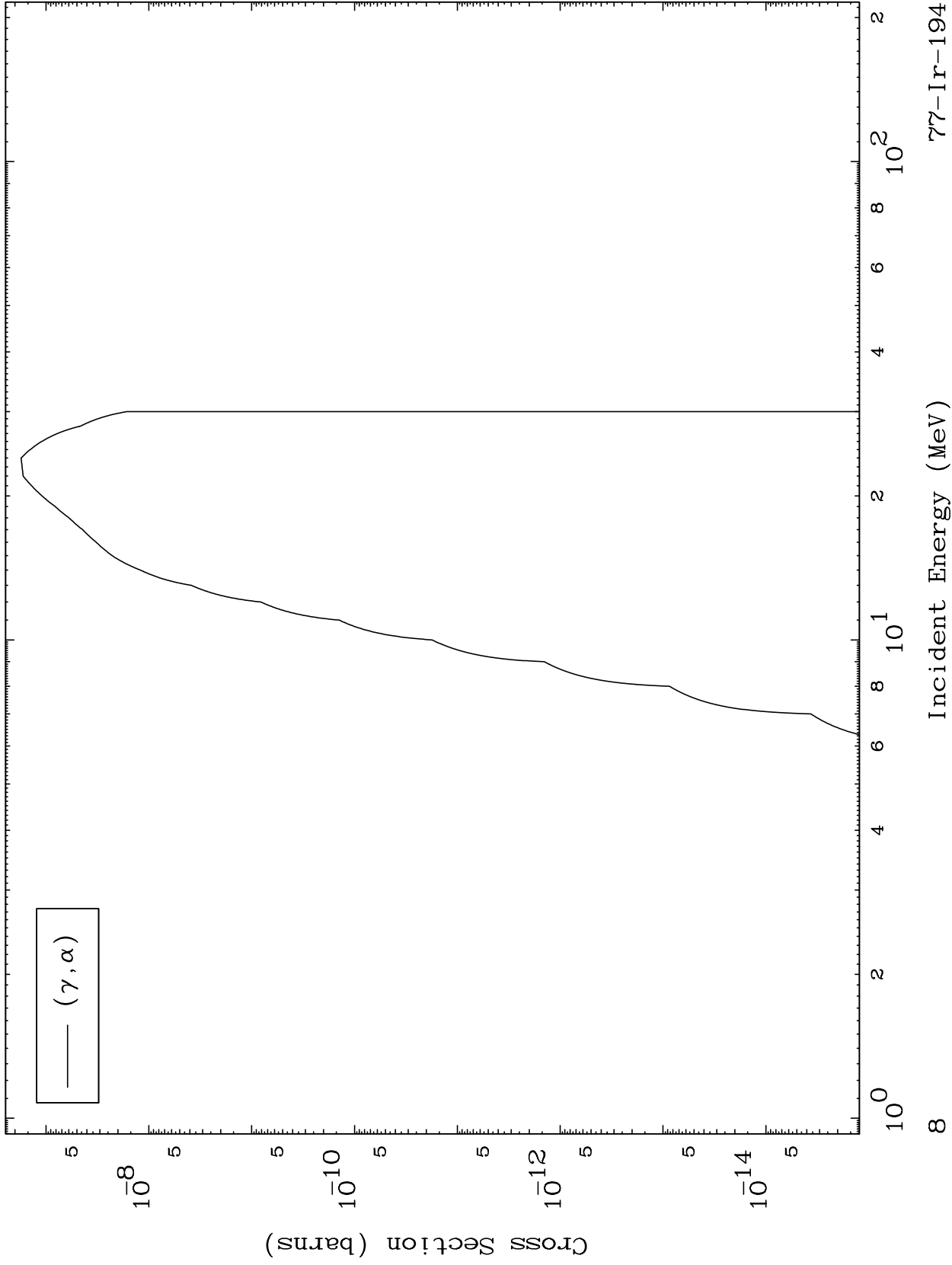
77-Ir-194



MAT 7735

(γ, α) Levels
0 Kelvin Cross Sections

77-Ir-194

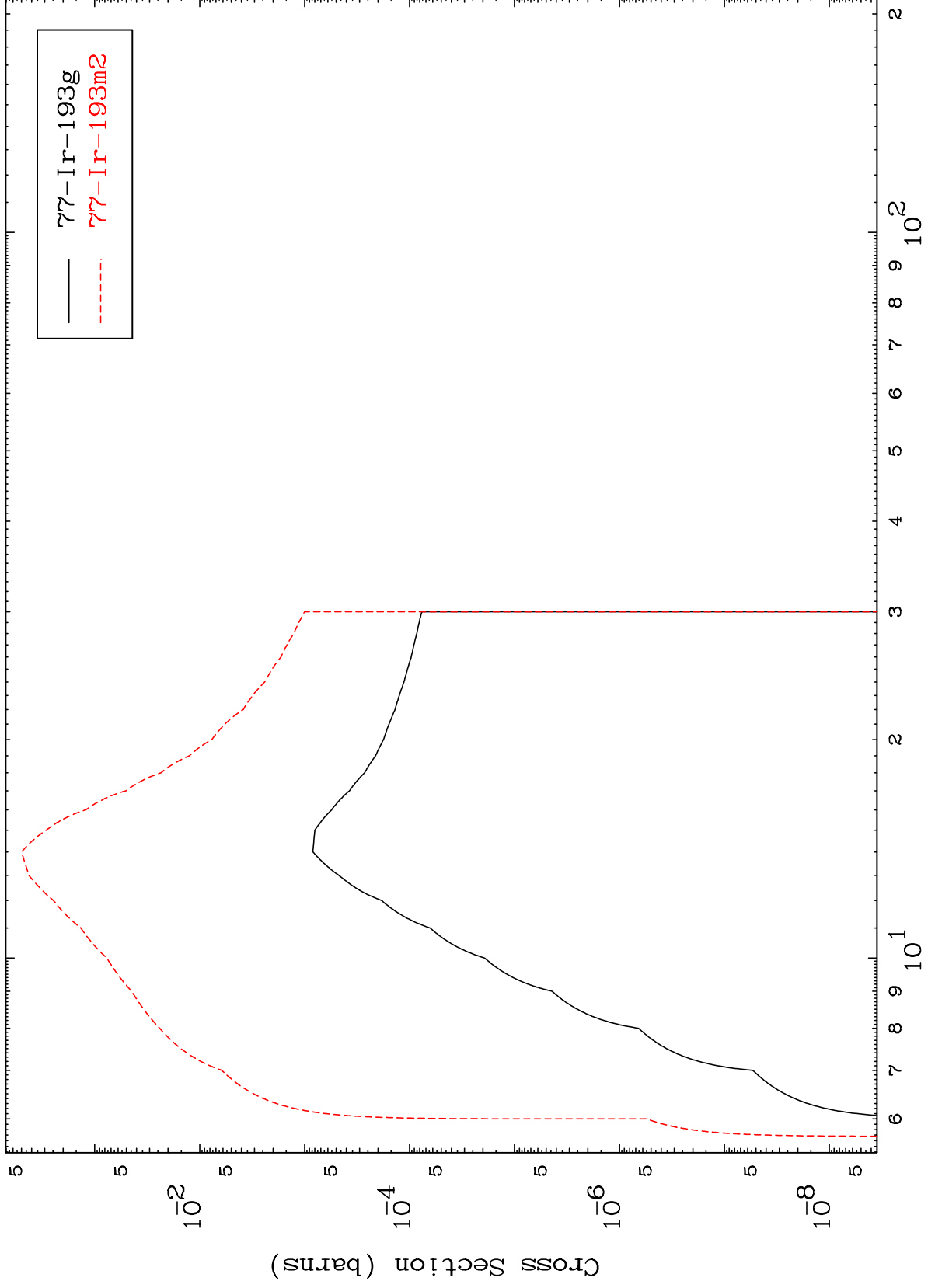


77-Ir-194

MAT 7735

Photon Inelastic
Radionuclide Production Cross Section

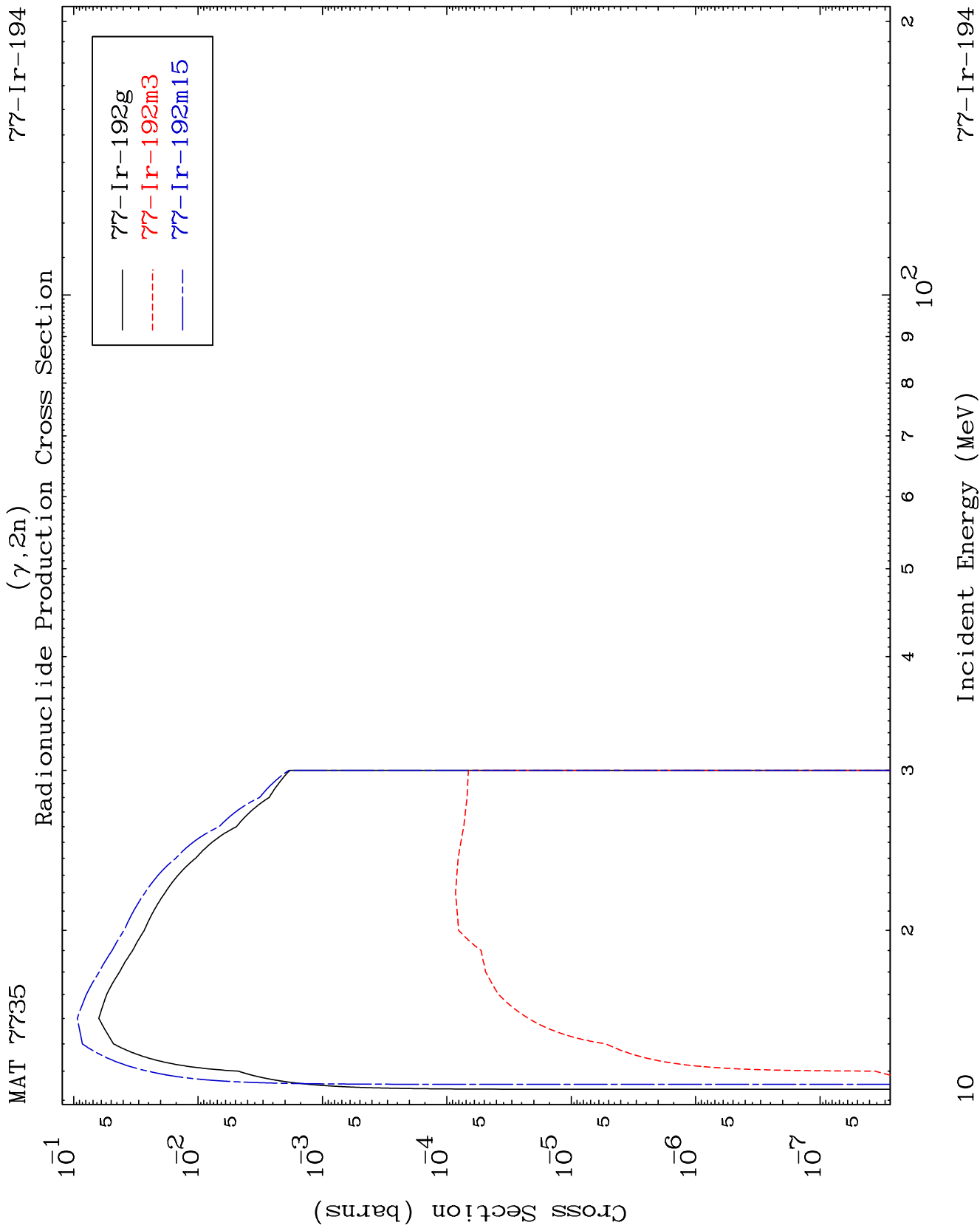
77-Ir-194



77-Ir-194

Incident Energy (MeV)

9

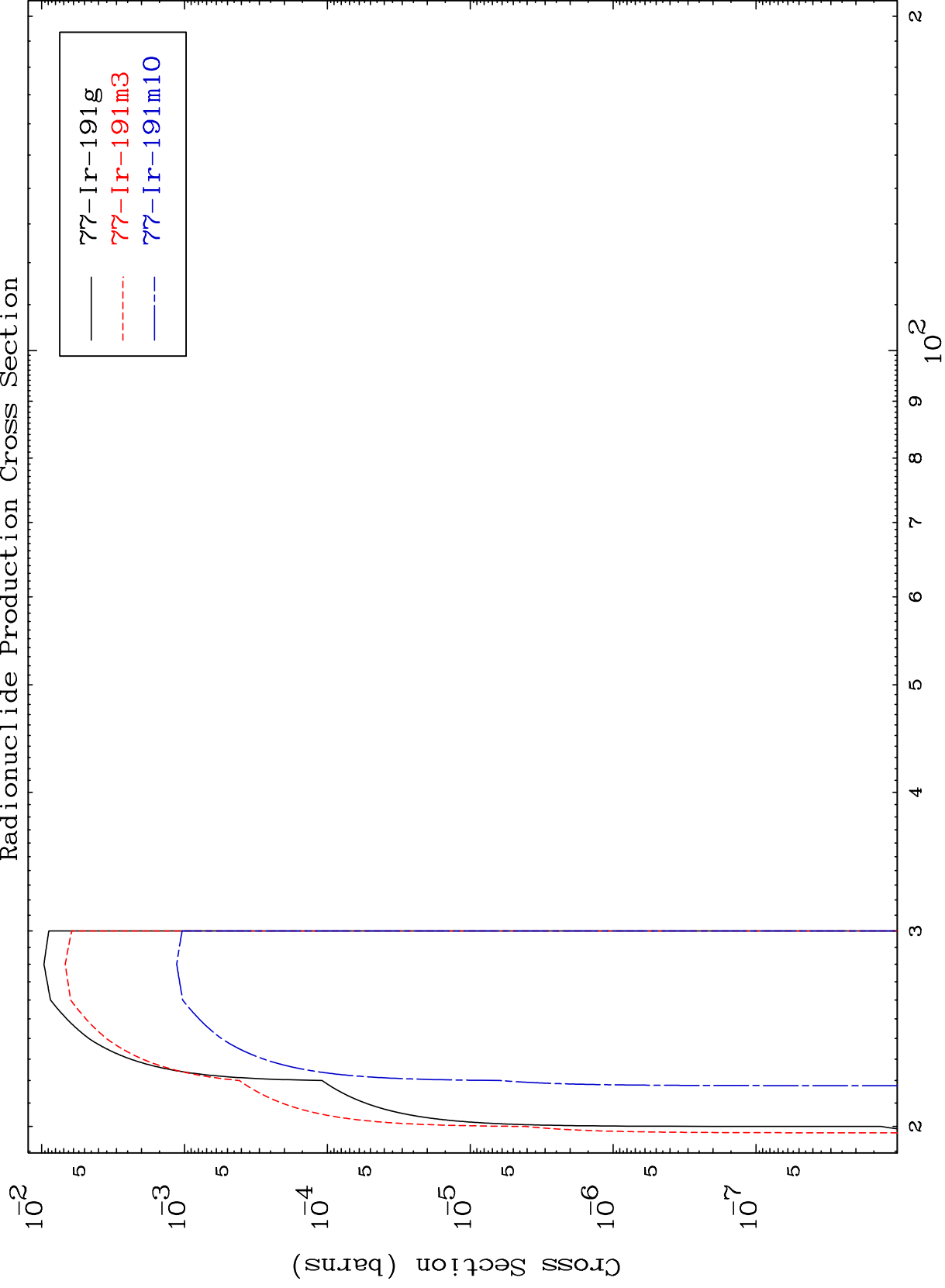


MAT 7735

($\gamma, 3n$)

77-Ir-194

Radionuclide Production Cross Section



11

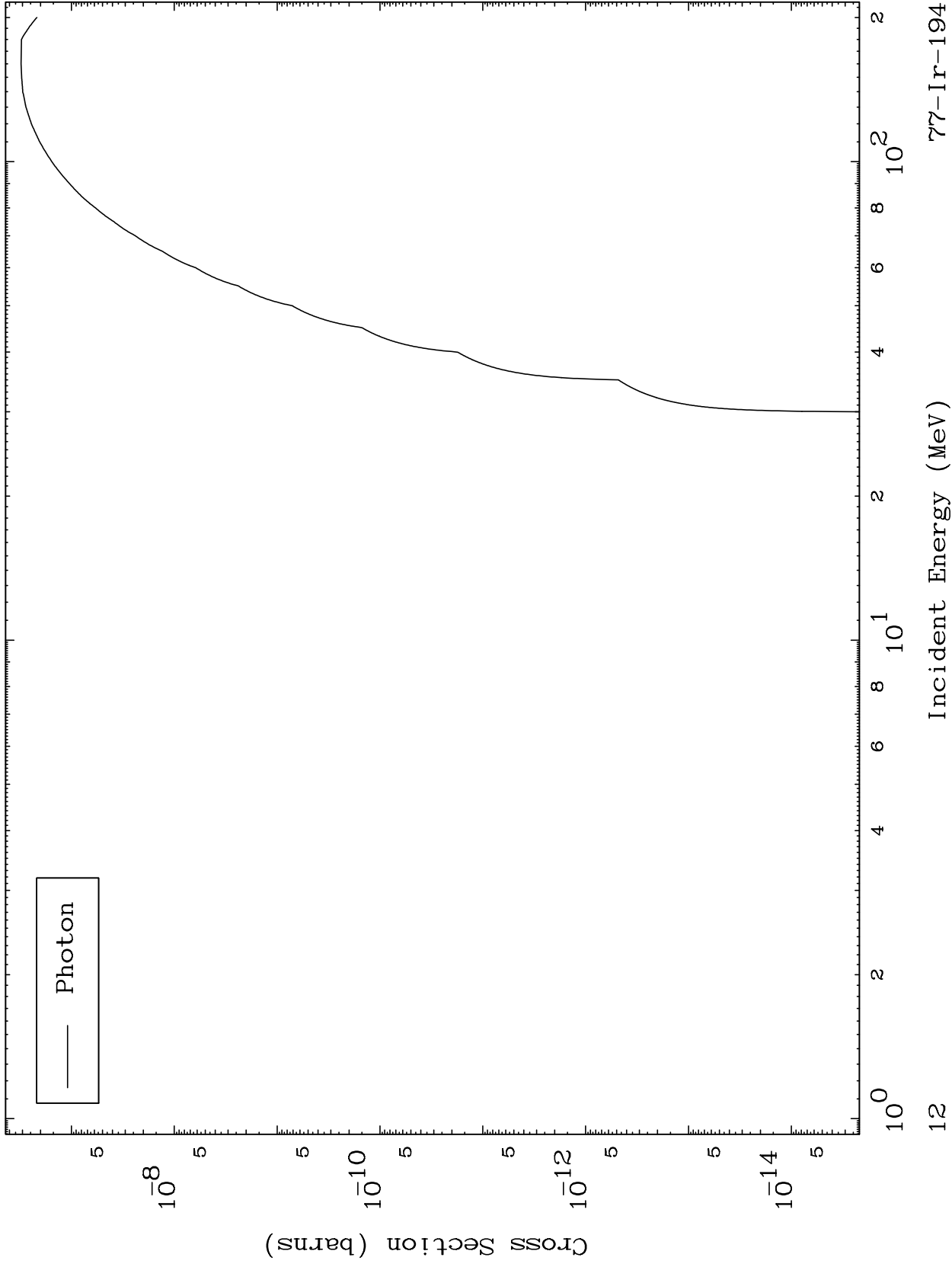
Incident Energy (MeV)

77-Ir-194

MAT 7735

Photon Fission
Radionuclide Production Cross Section

⁷⁷Ir-194



⁷⁷Ir-194

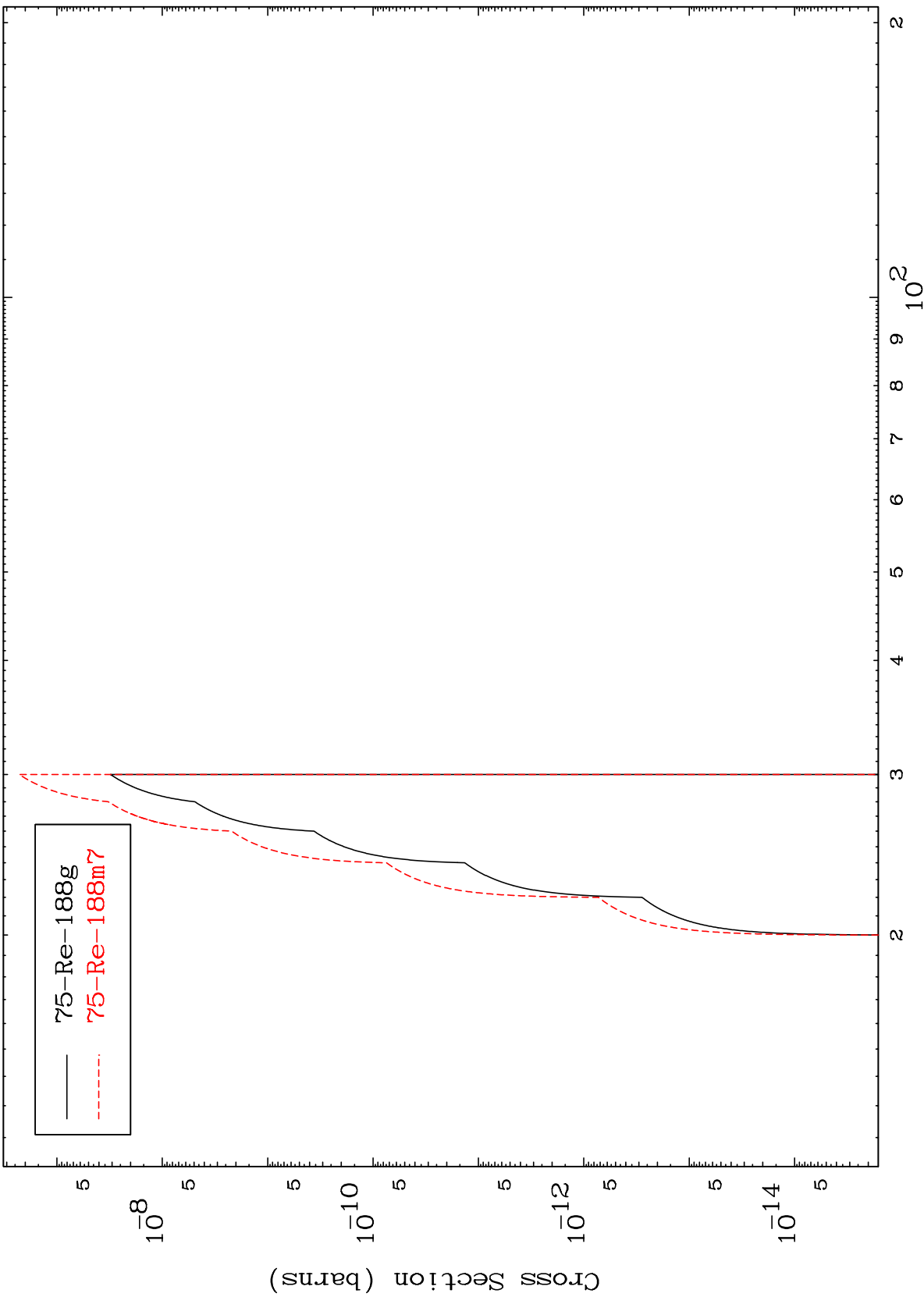
Incident Energy (MeV)

12

MAT 7735

77-Ir-194

($\gamma, 2n$) α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

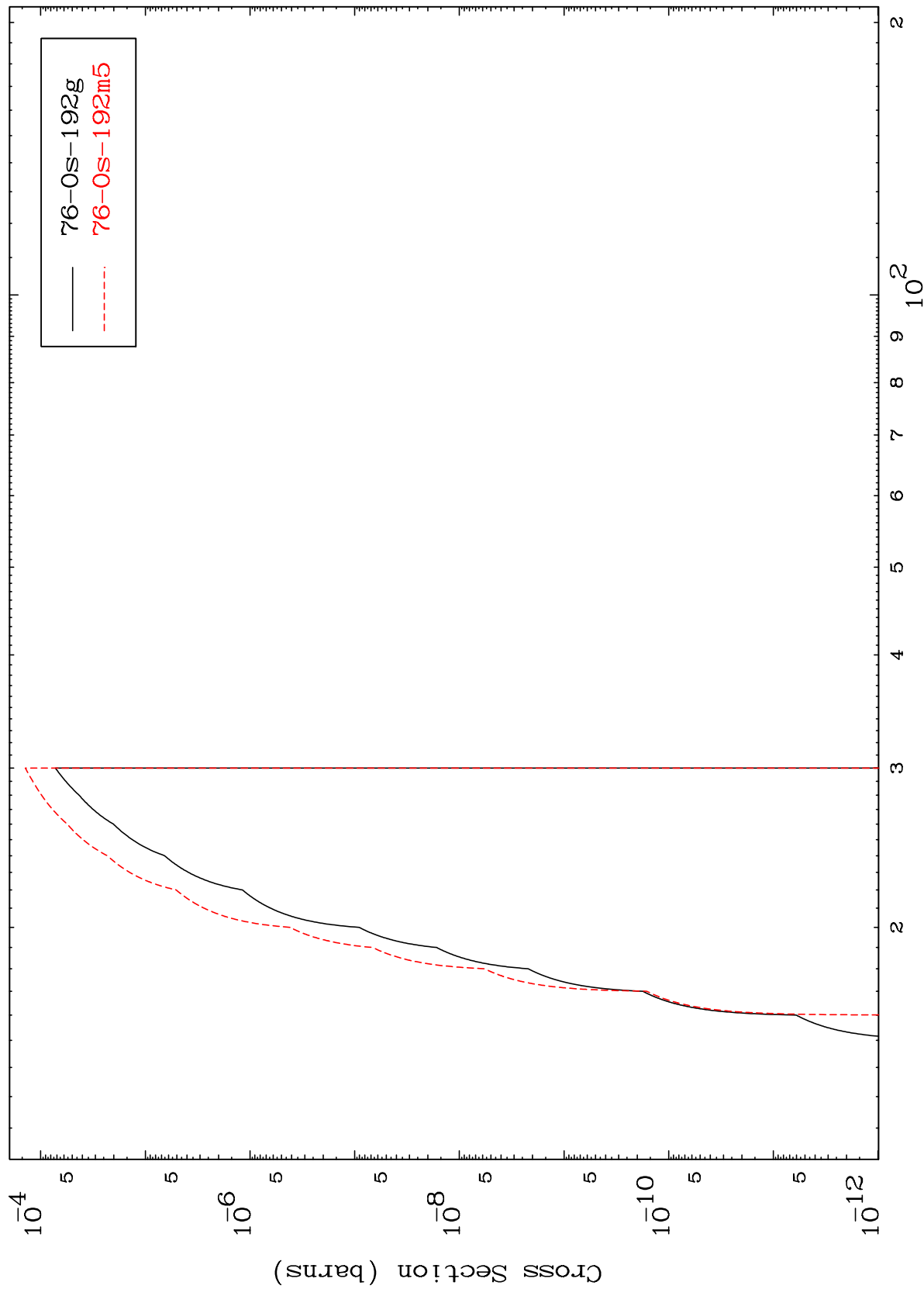
77-Ir-194

MAT 7735

(γ, n') p

77-Ir-194

Radionuclide Production Cross Section



76-Os-192g
76-Os-192m5

14

Incident Energy (MeV)

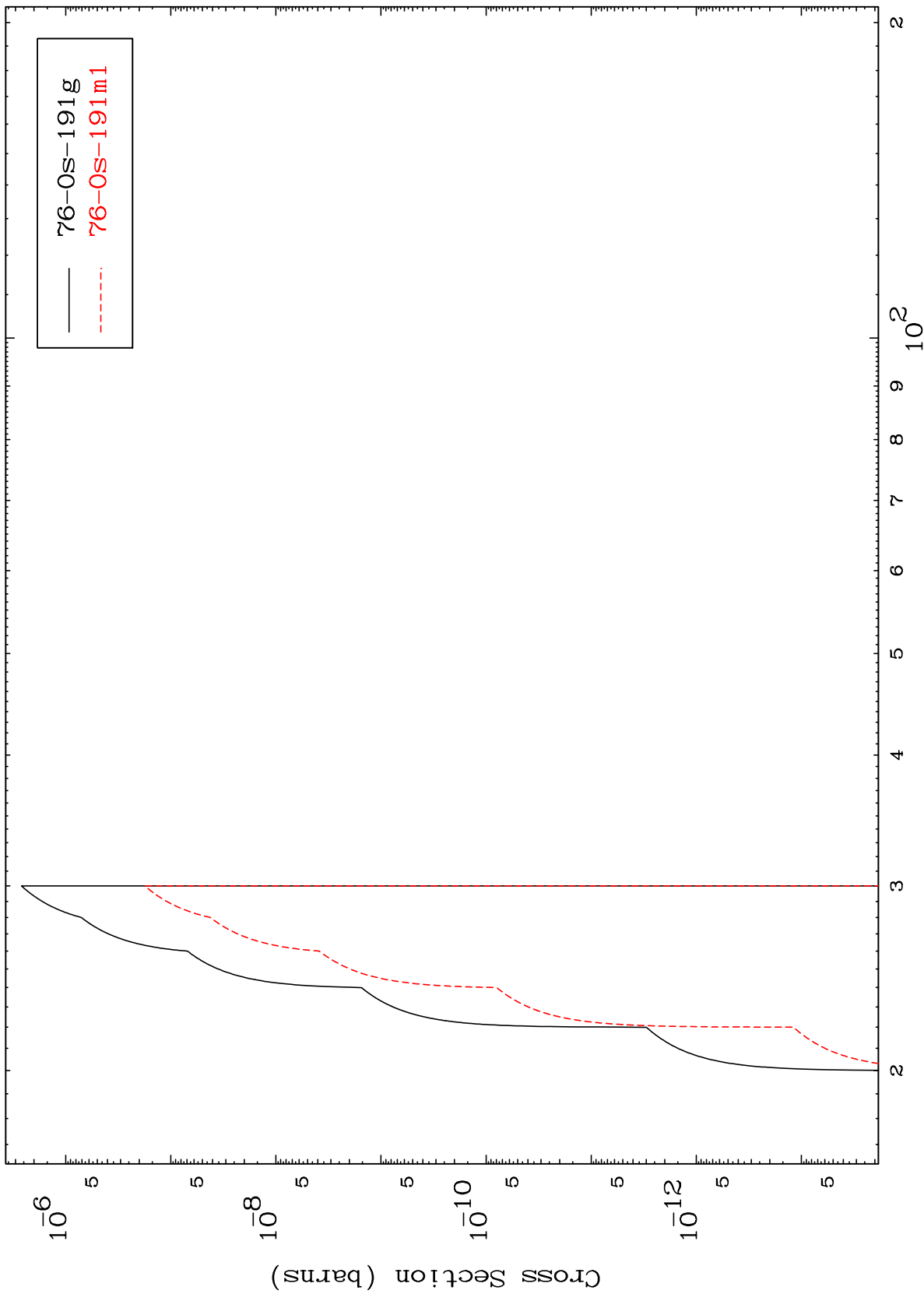
77-Ir-194

MAT 7735

(γ, n') d

77-Ir-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

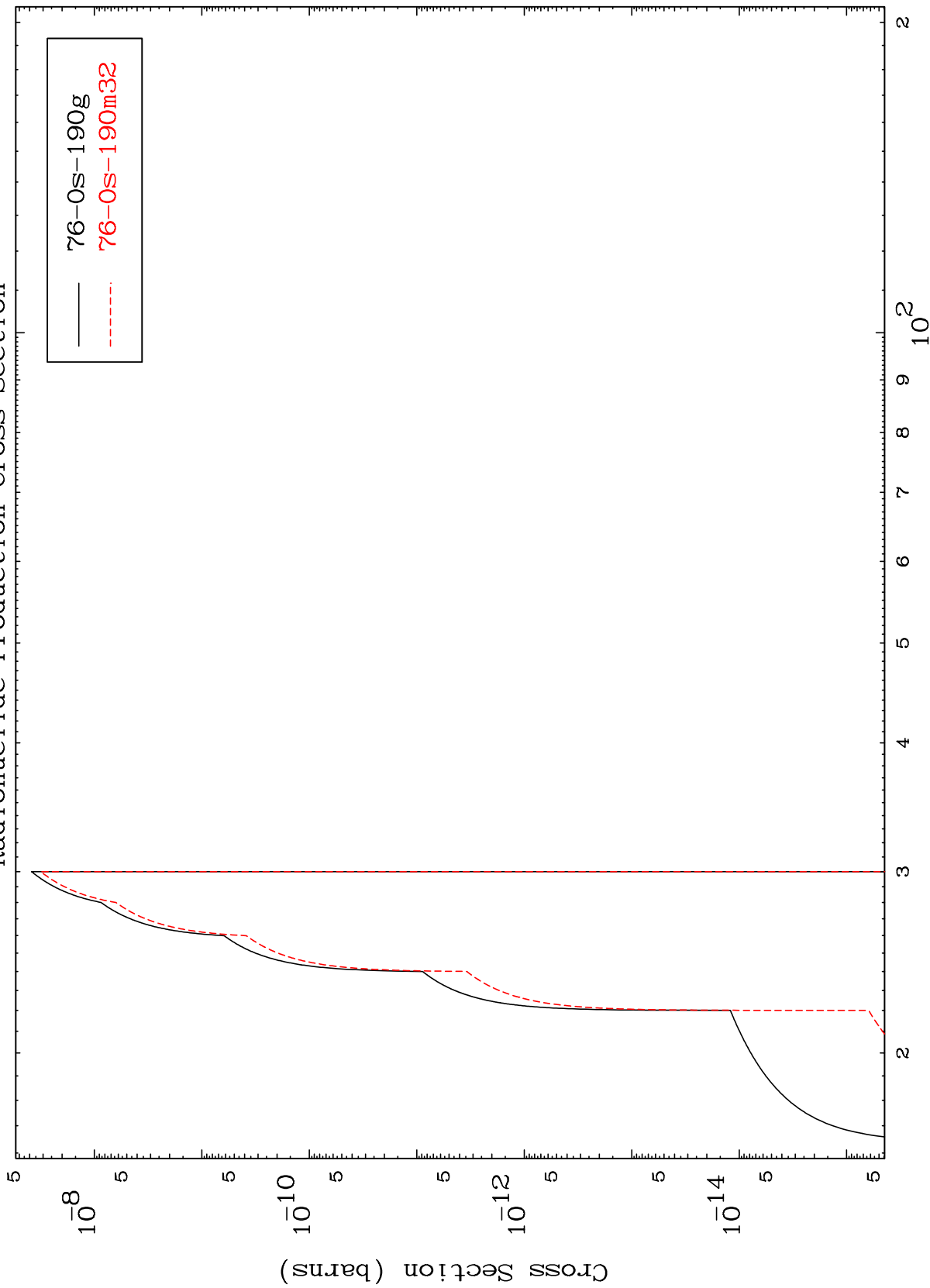
77-Ir-194

MAT 7735

(γ, n') t

77-Ir-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

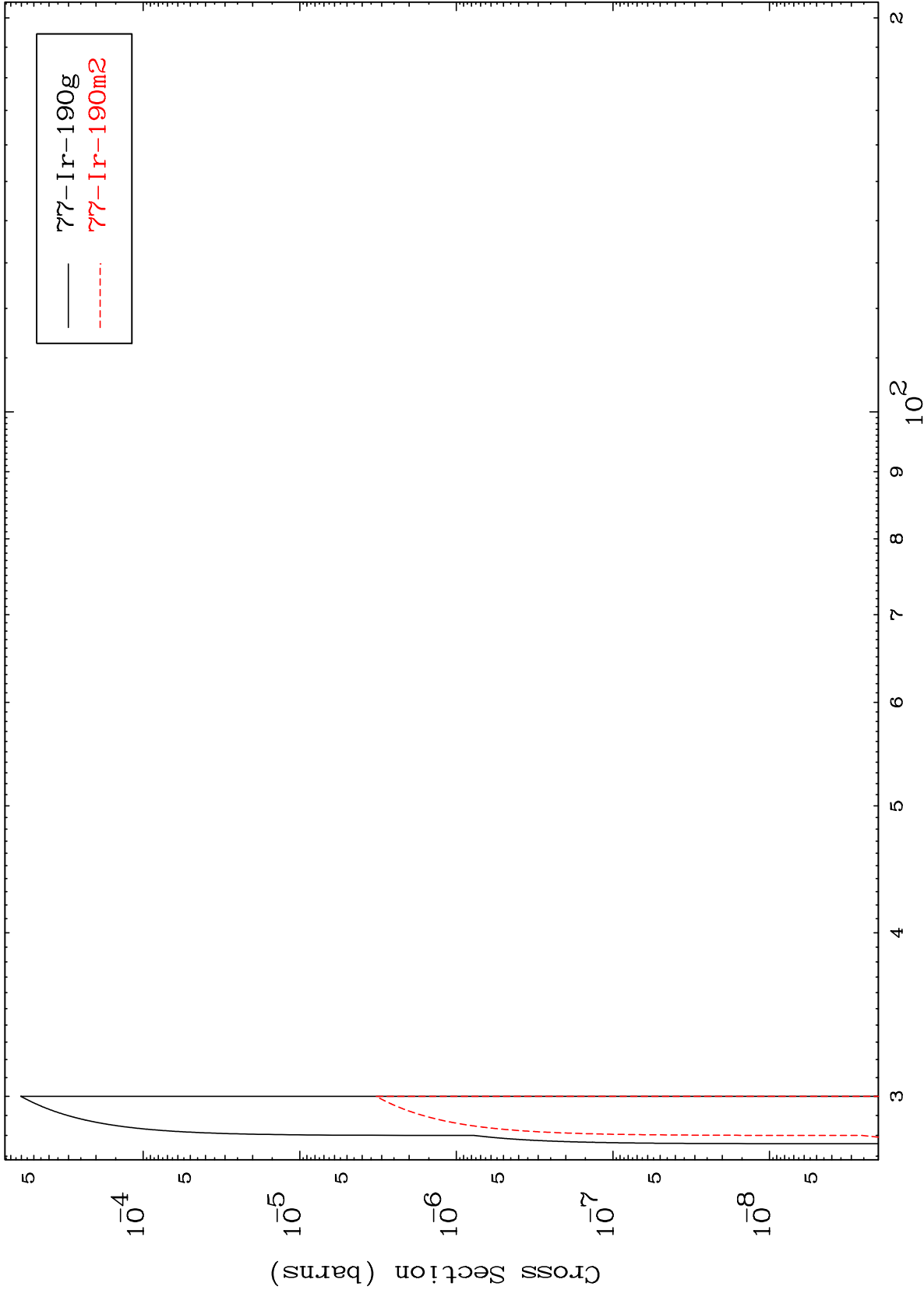
77-Ir-194

MAT 7735

($\gamma, 4n$)

77-Ir-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

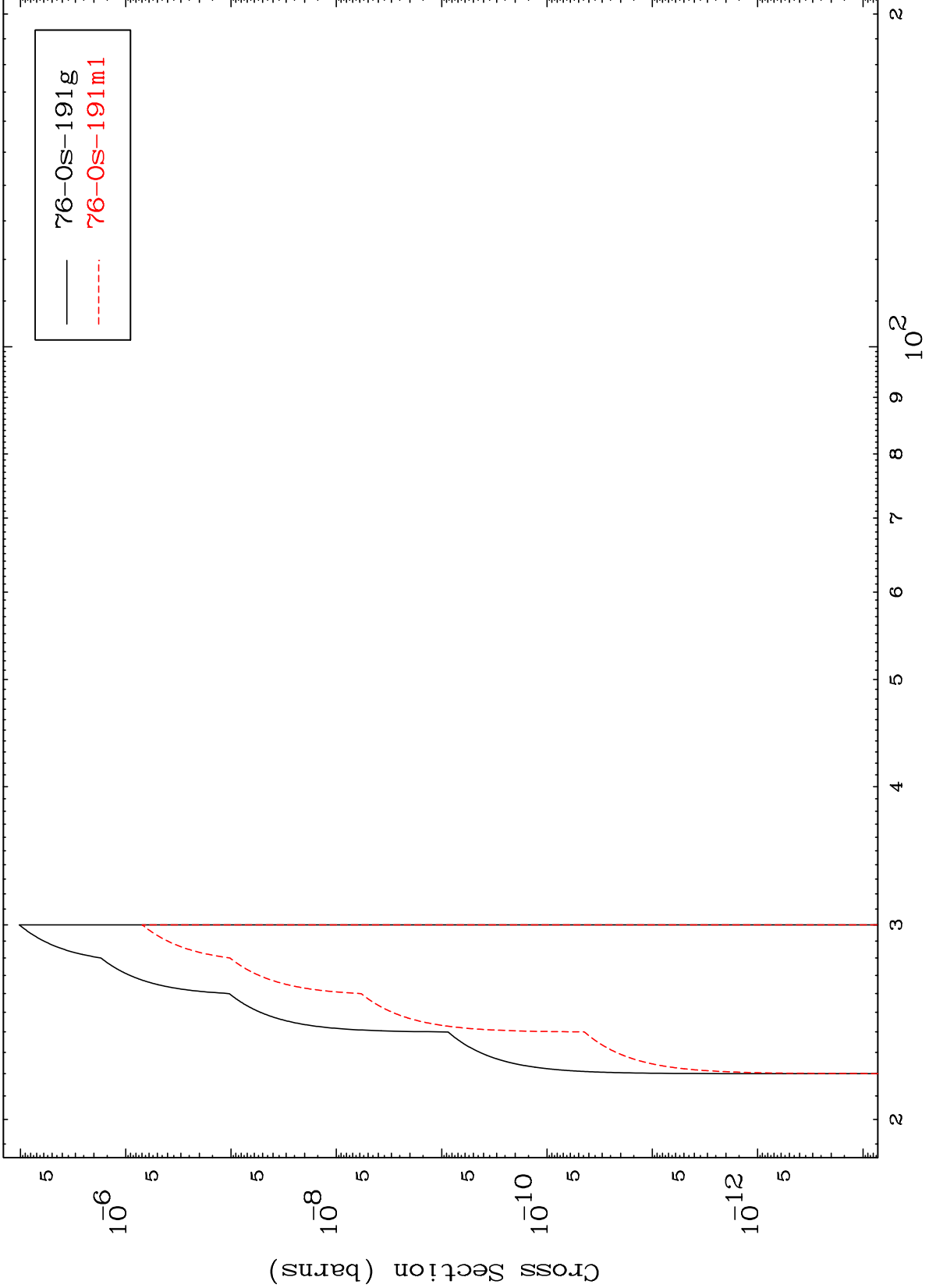
77-Ir-194

MAT 7735

($\gamma, 2n$) p

77-Ir-194

Radionuclide Production Cross Section



18

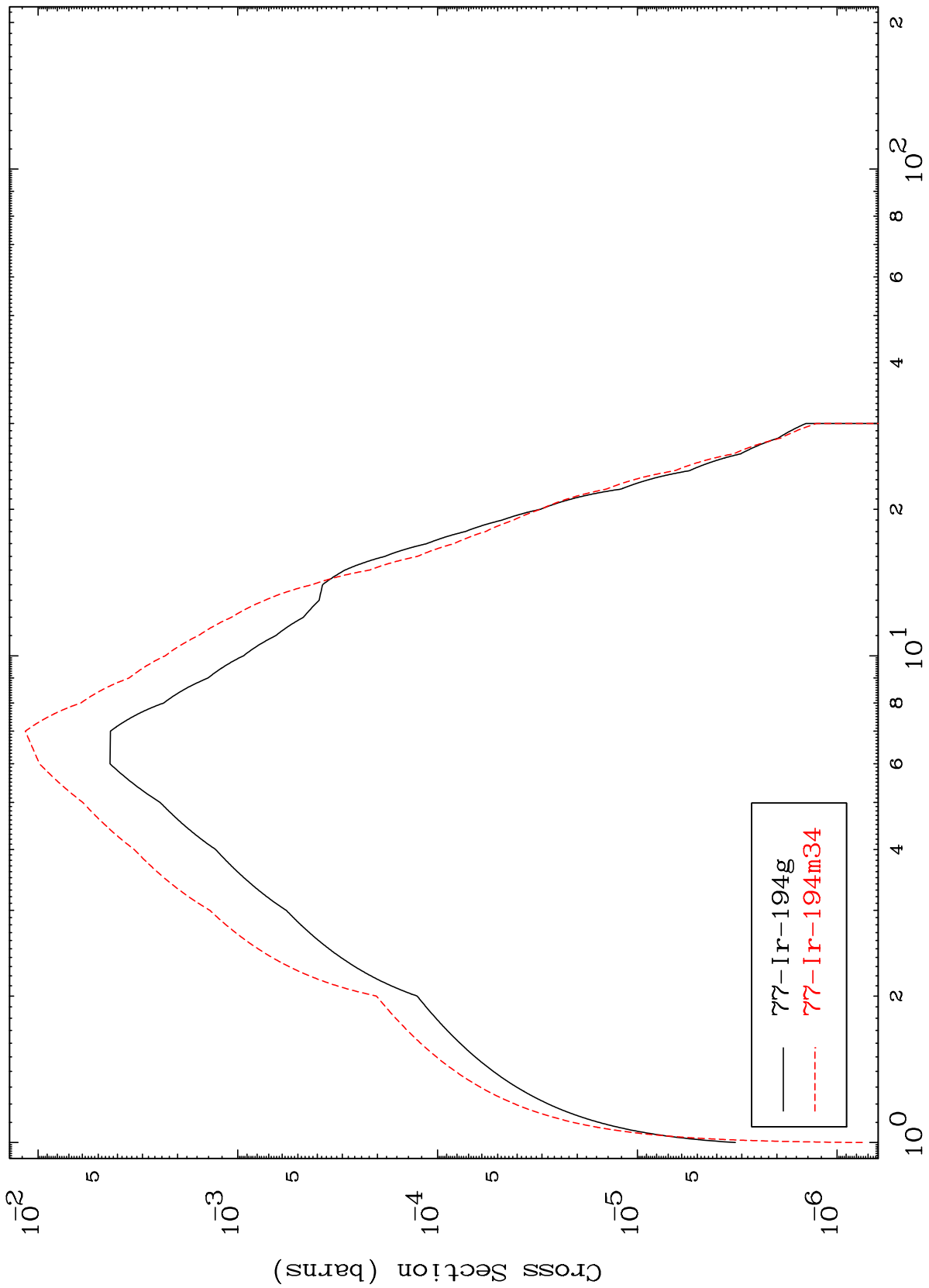
Incident Energy (MeV)

77-Ir-194

MAT 7735

77-Ir-194

Radionuclide Production Cross Section
(γ, γ)



Incident Energy (MeV)

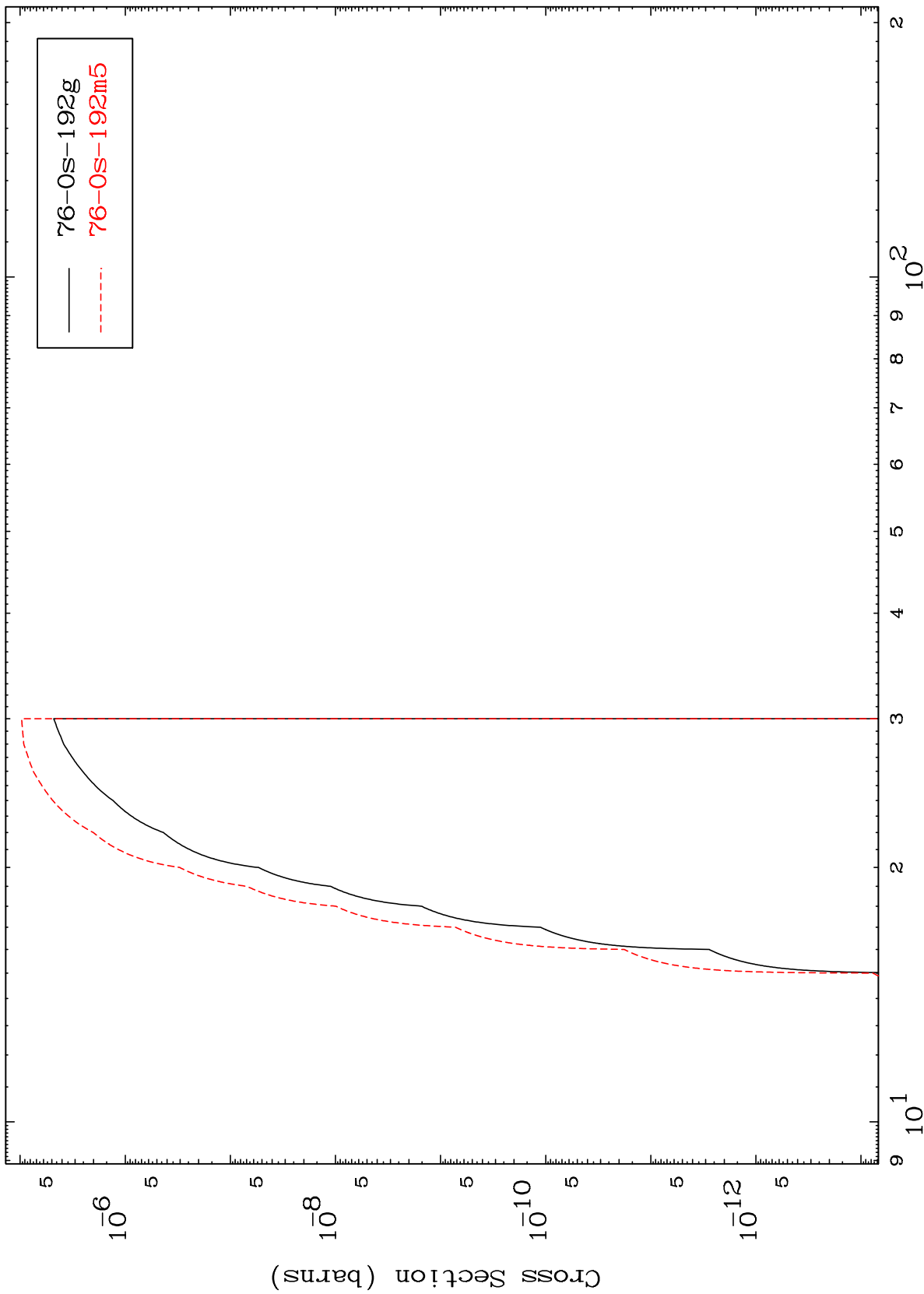
77-Ir-194

77-Ir-194g
77-Ir-194m34

MAT 7735

77-Ir-194

(γ, d)
Radionuclide Production Cross Section

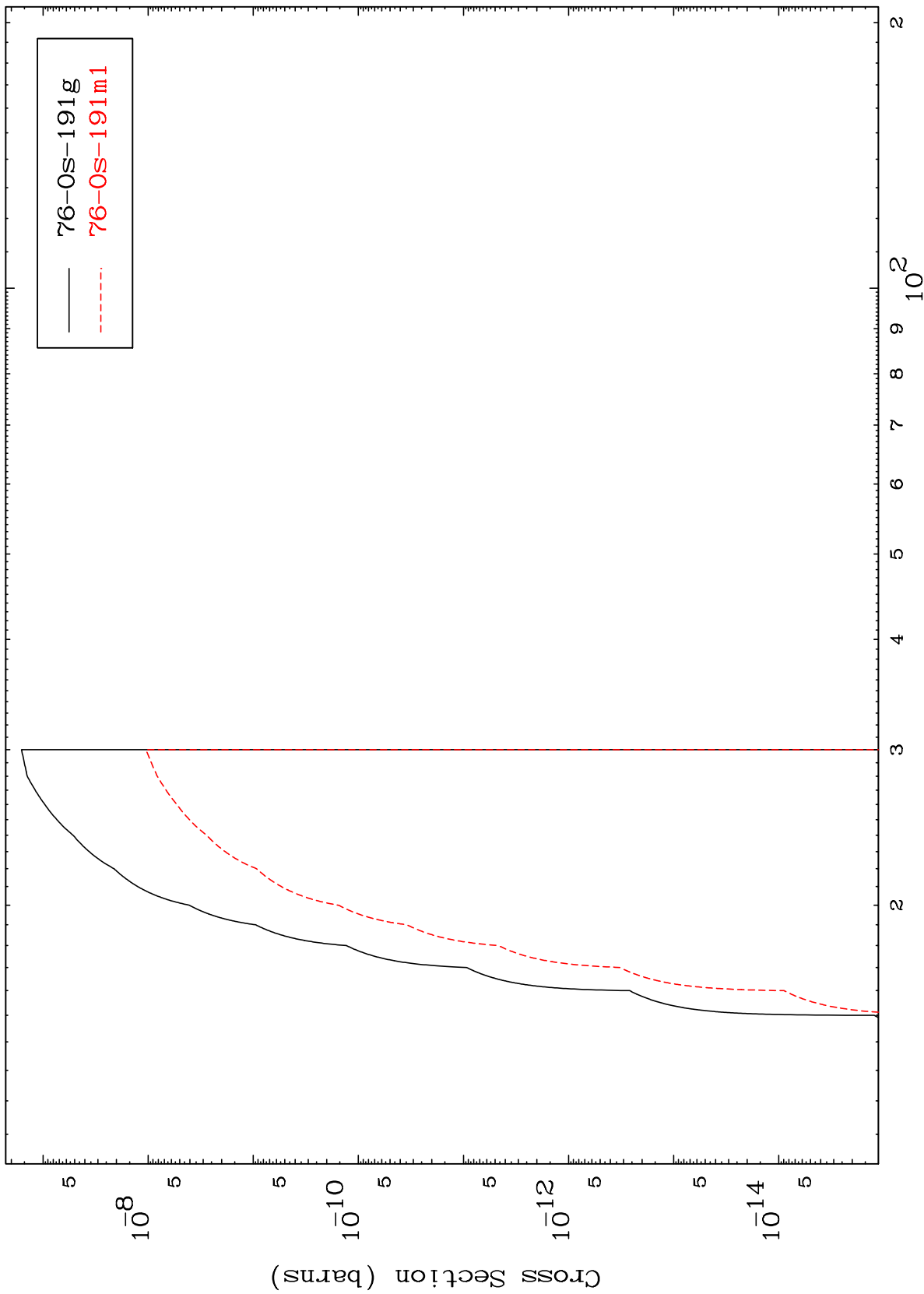


77-Ir-194

Incident Energy (MeV)

20

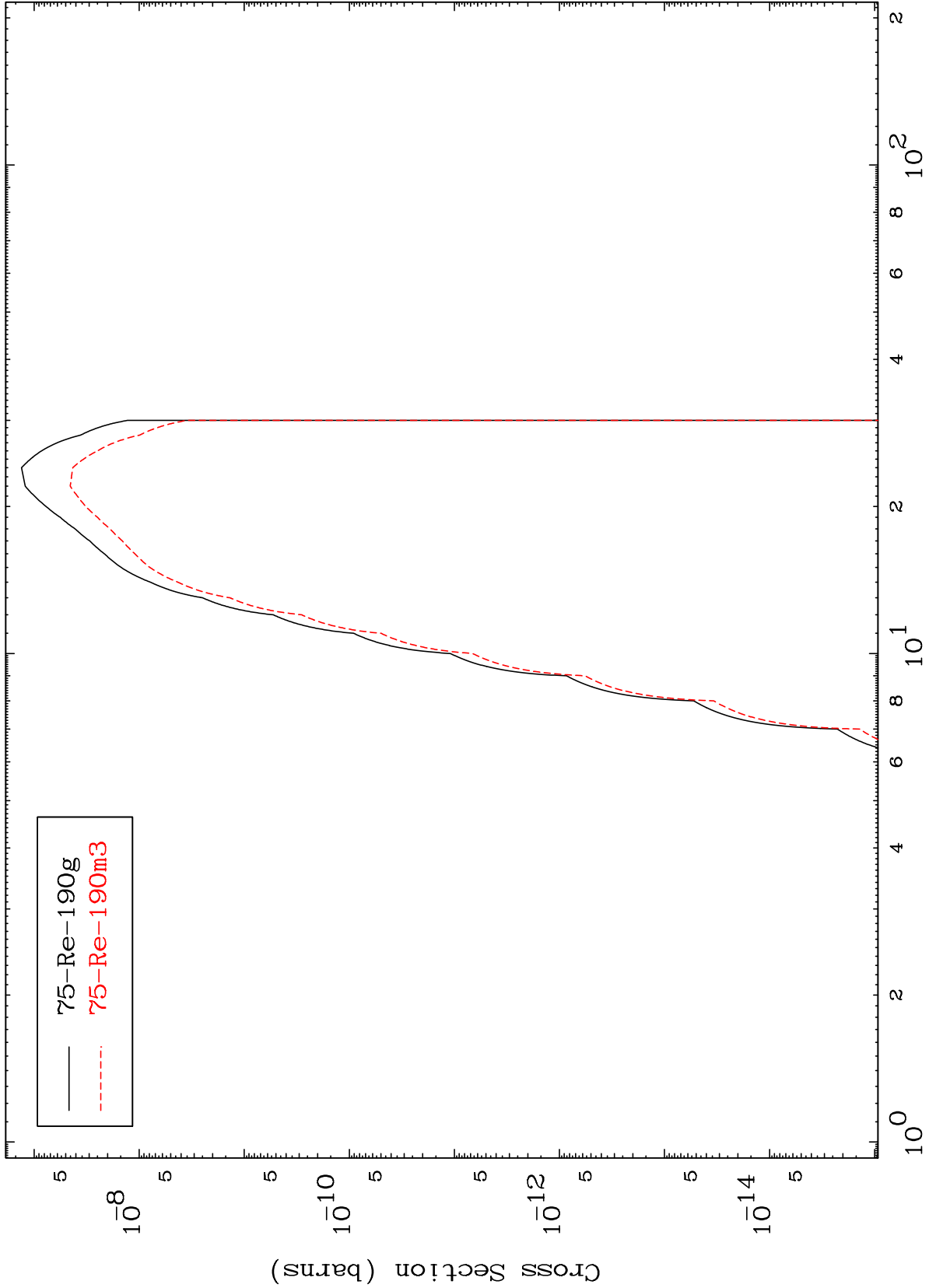
(γ, t)
Radionuclide Production Cross Section



MAT 7735

77-Ir-194

(γ, α)
Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-194

22