

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

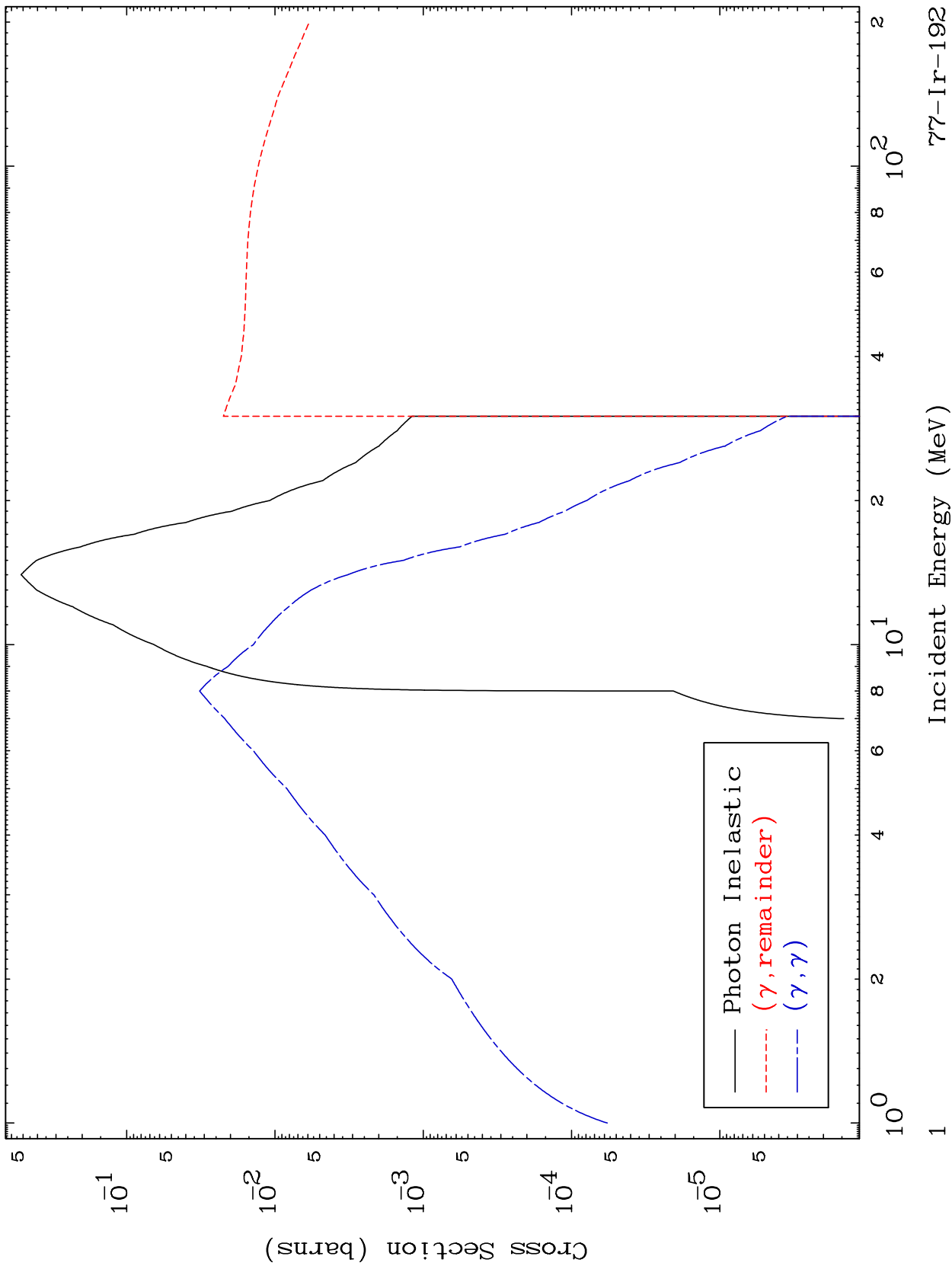
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7730

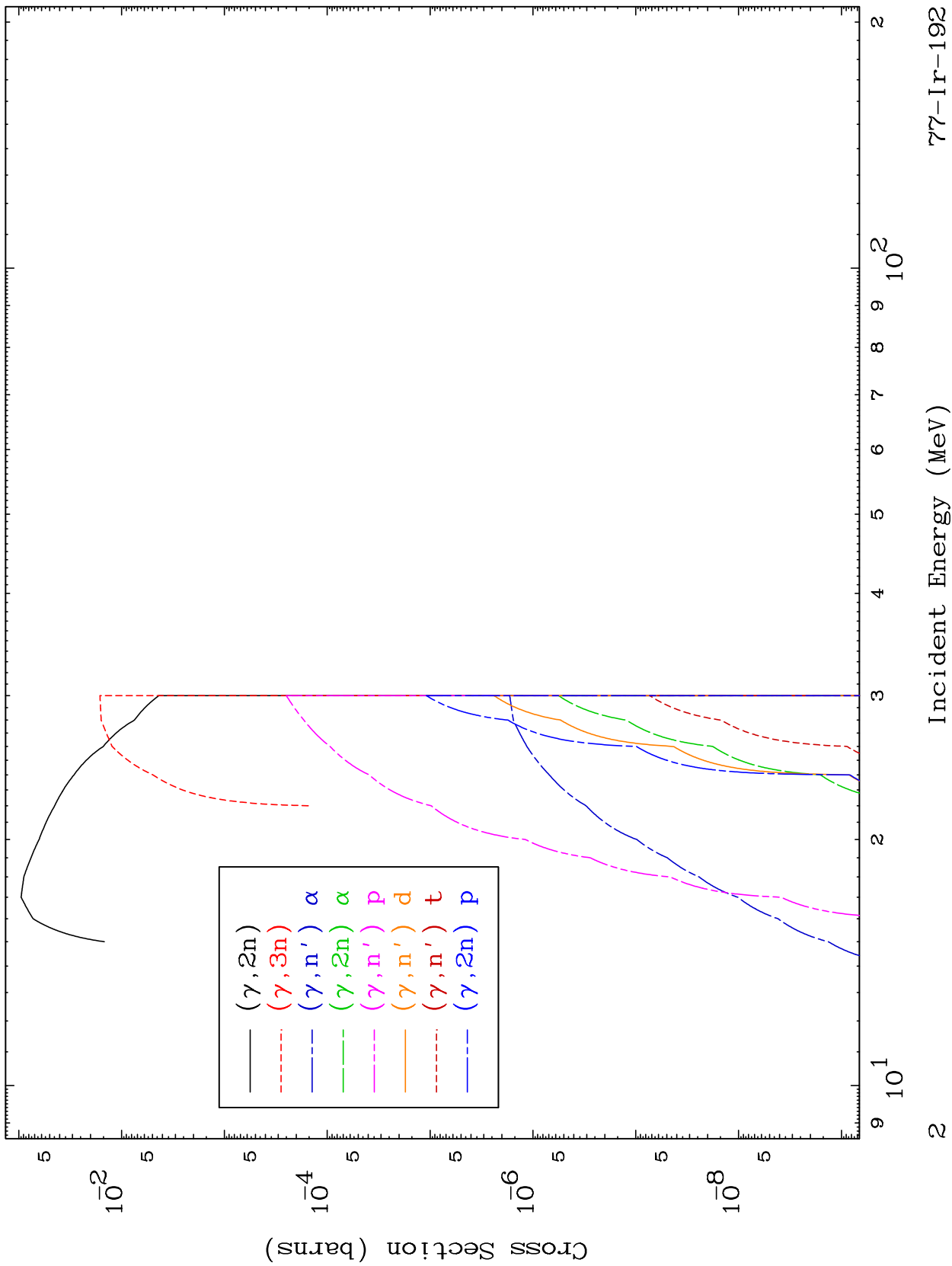
Photon Major
0 Kelvin Cross Sections

77-Ir-192



77-Ir-192

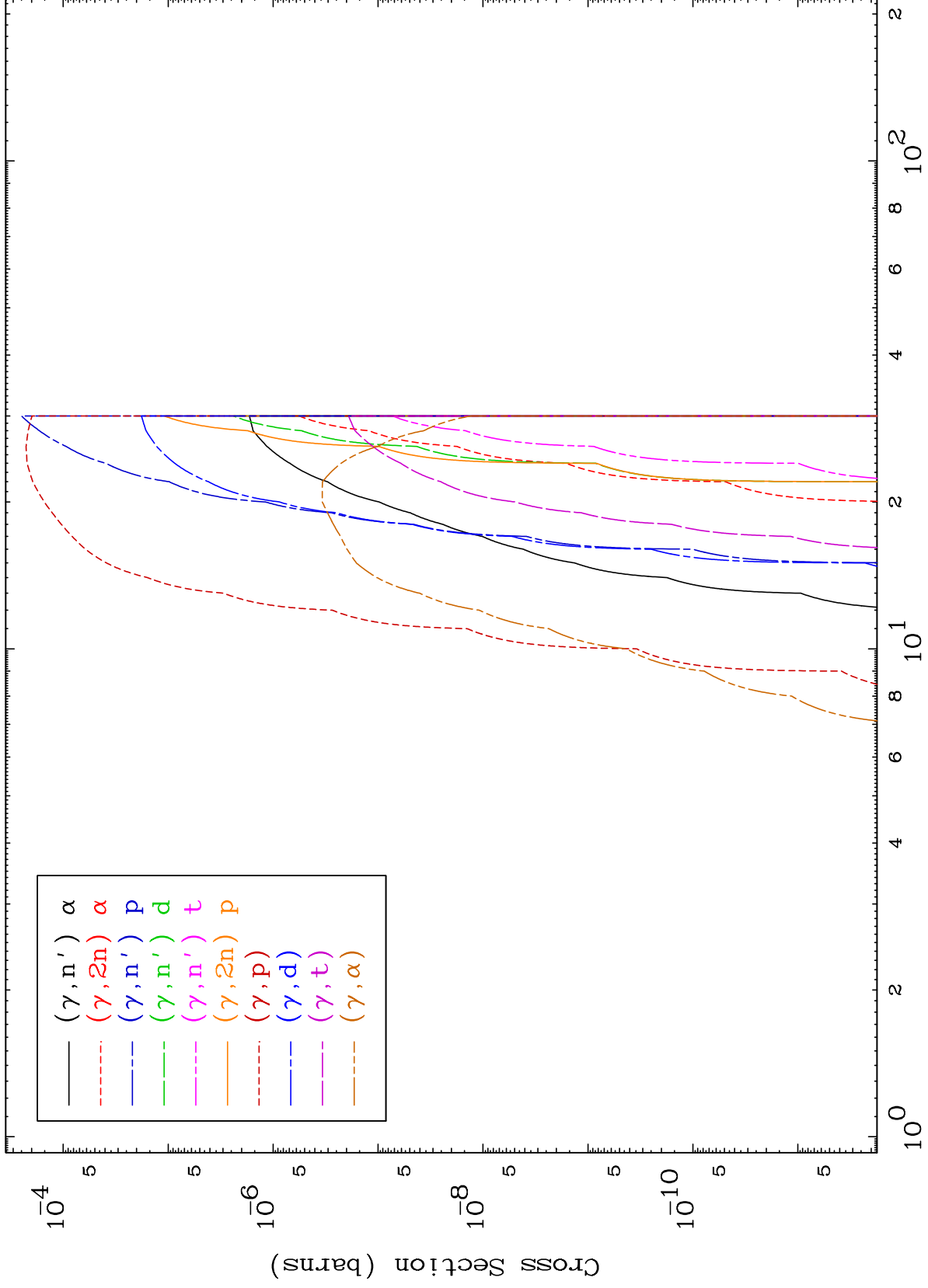
Incident Energy (MeV)



MAT 7730

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-192



Incident Energy (MeV)

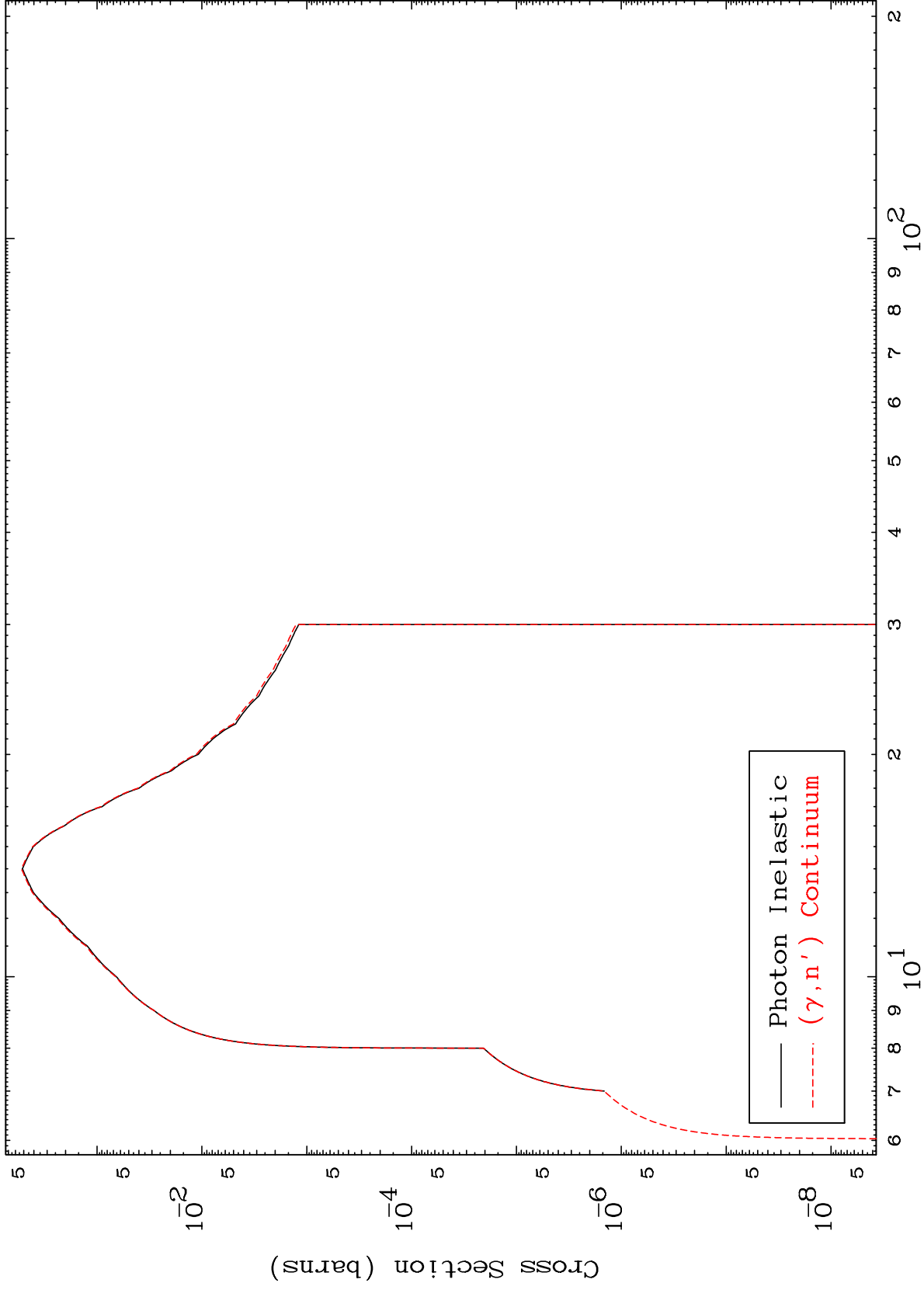
77-Ir-192

3

MAT 7730

(γ, n') Level
0 Kelvin Cross Sections

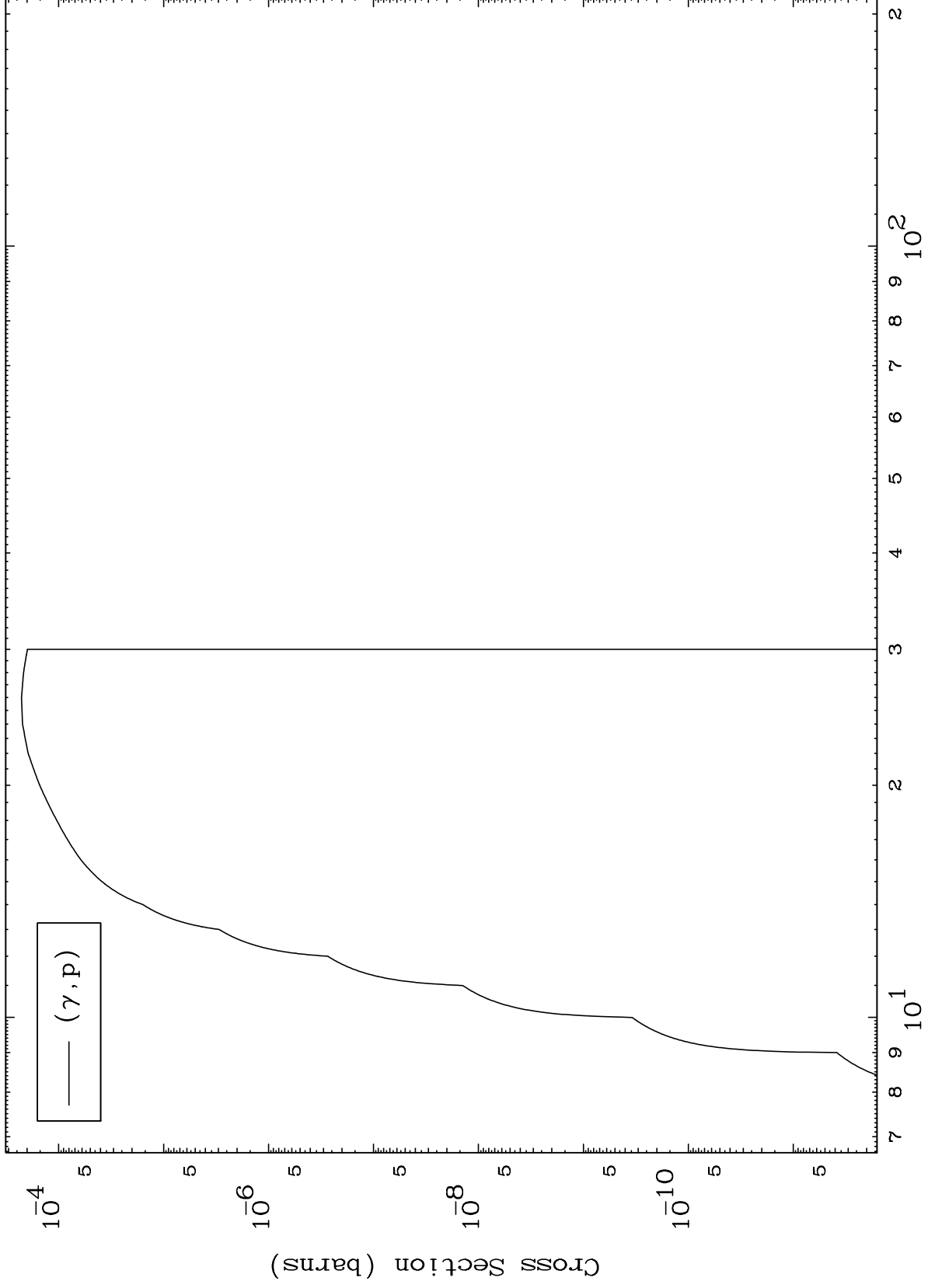
77-Ir-192

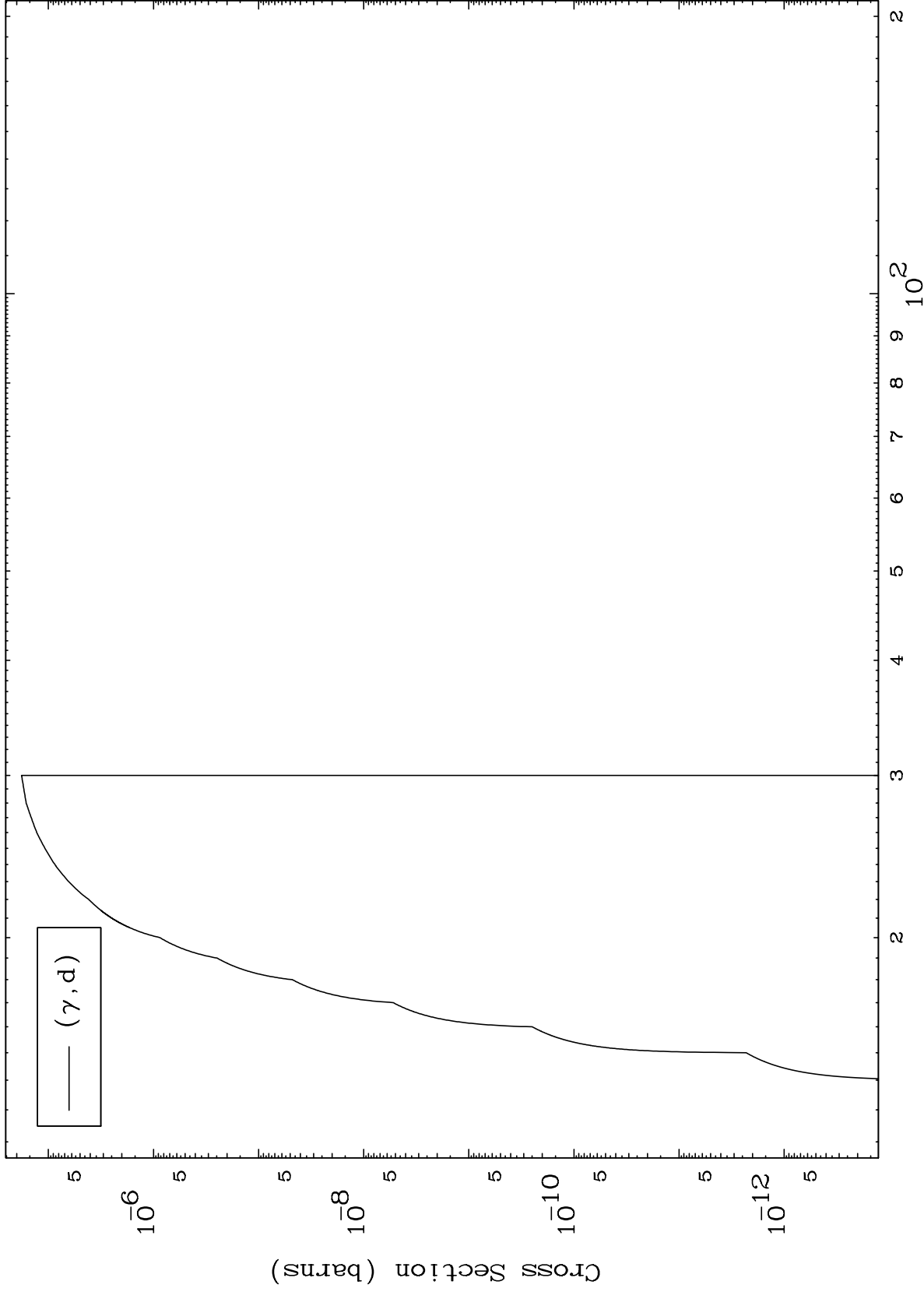


4

Incident Energy (MeV)

77-Ir-192

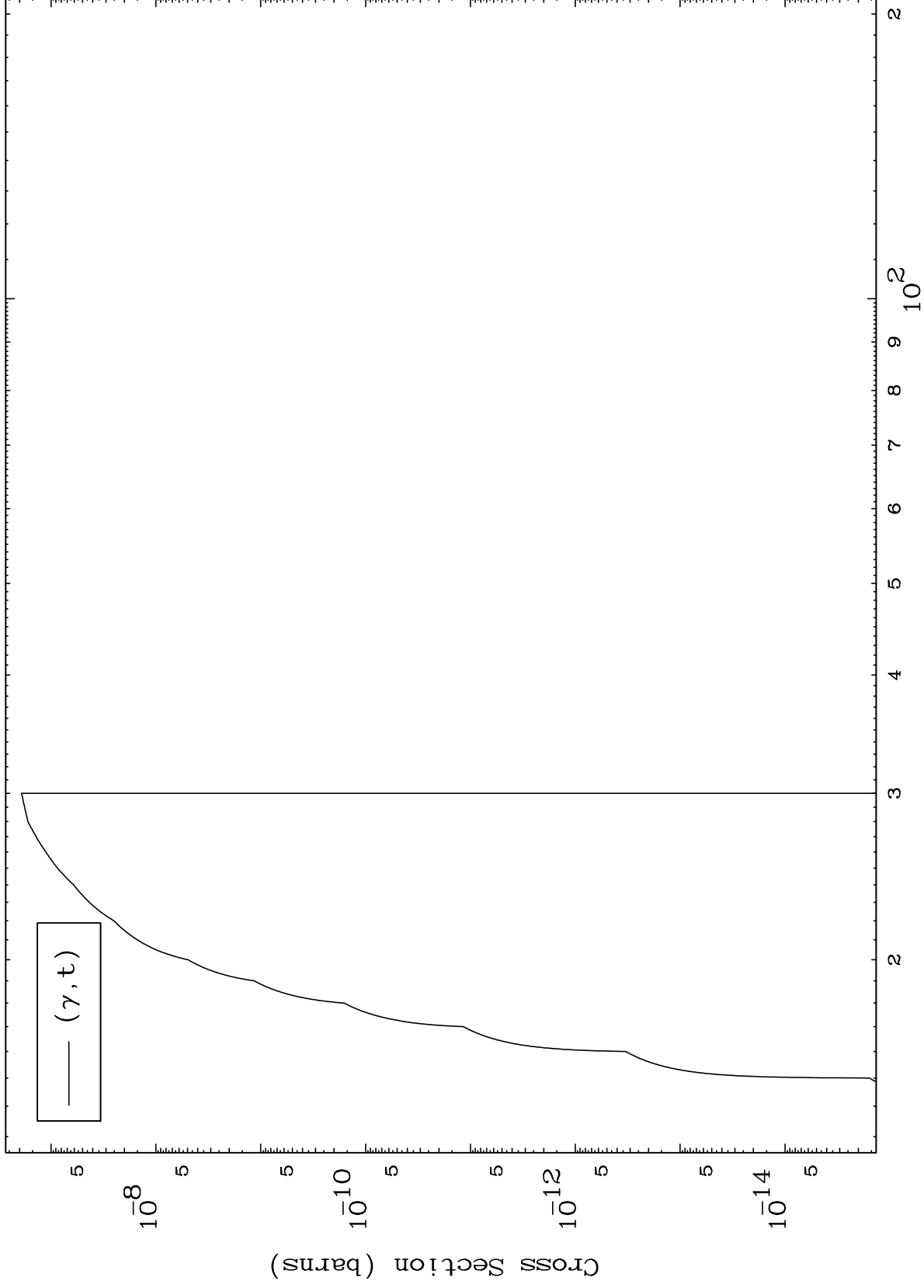




MAT 7730

(γ, t) Levels
0 Kelvin Cross Sections

77-Ir-192



7

Incident Energy (MeV)

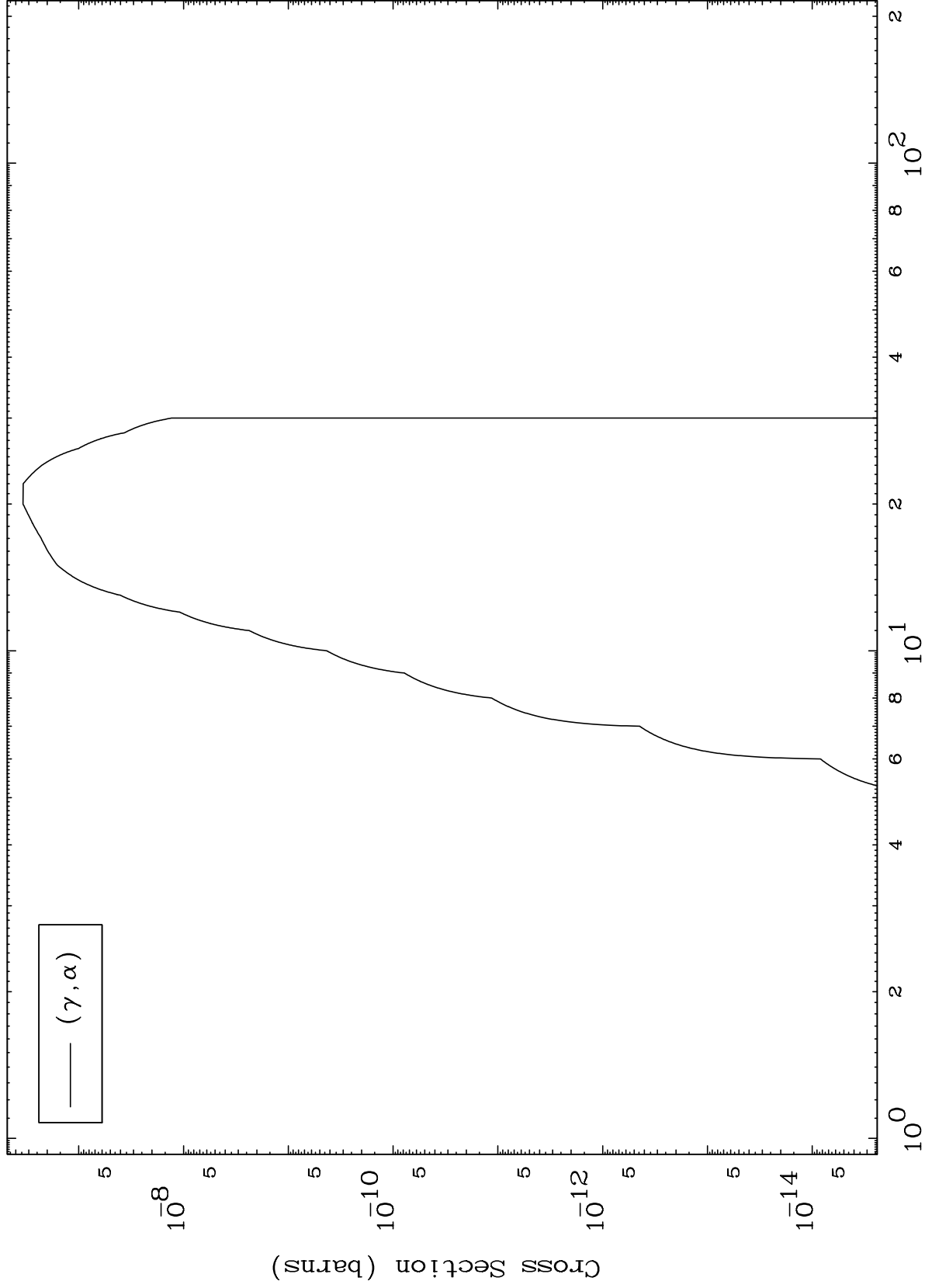
77-Ir-192

MAT 7730

(γ, α) Levels

77-Ir-192

0 Kelvin Cross Sections



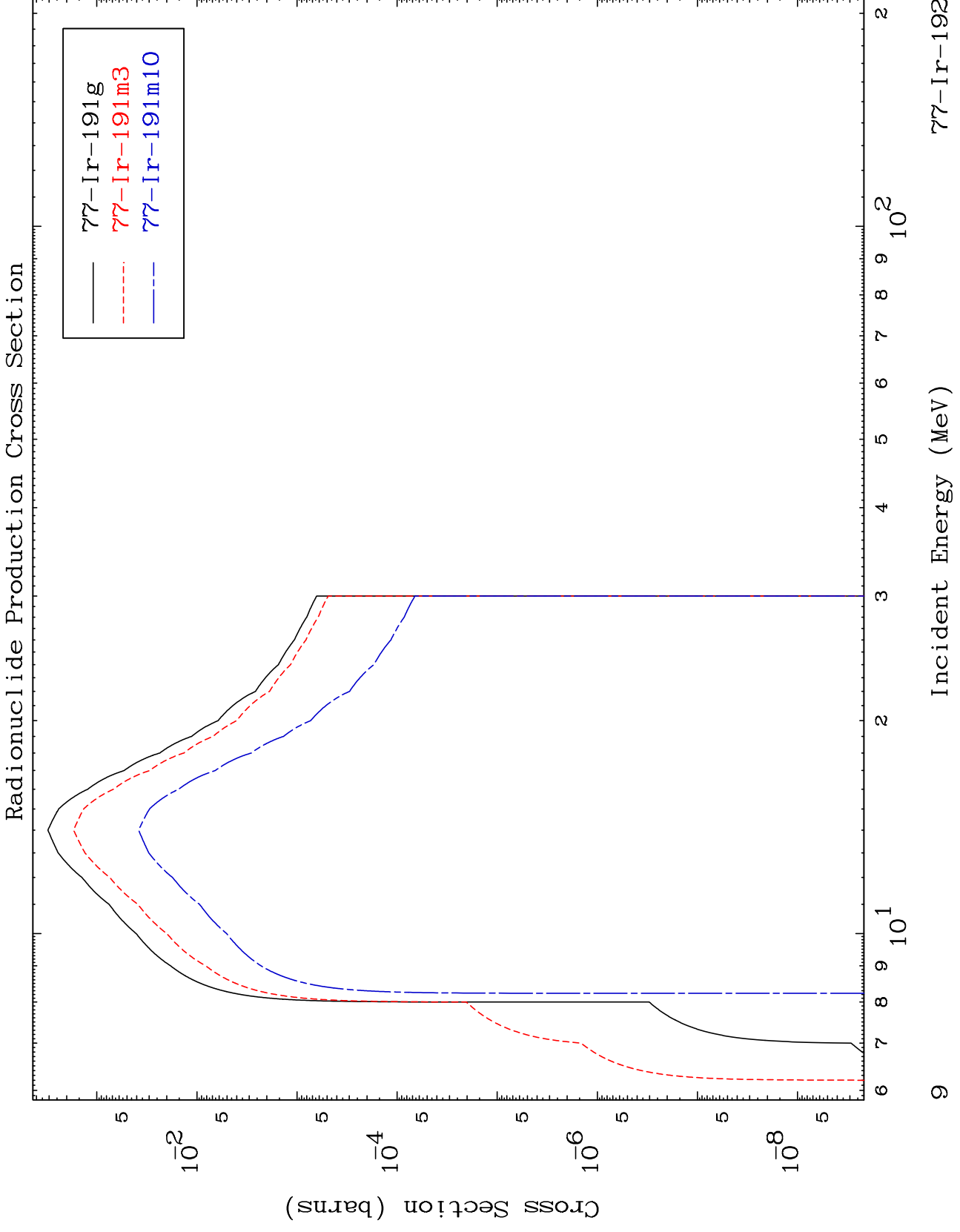
Incident Energy (MeV)

77-Ir-192

MAT 7730

Photon Inelastic
Radionuclide Production Cross Section

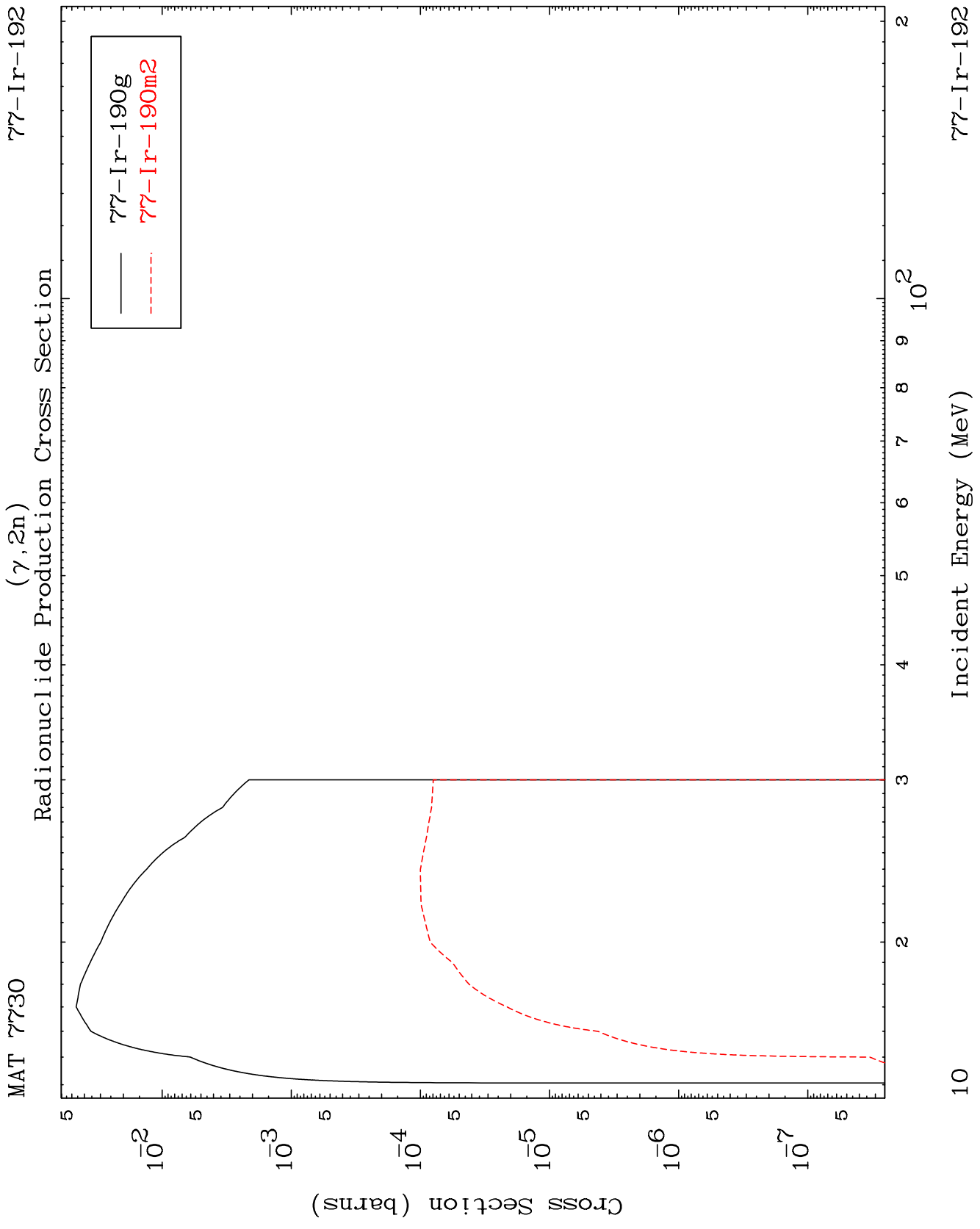
77-Ir-192



77-Ir-192

Incident Energy (MeV)

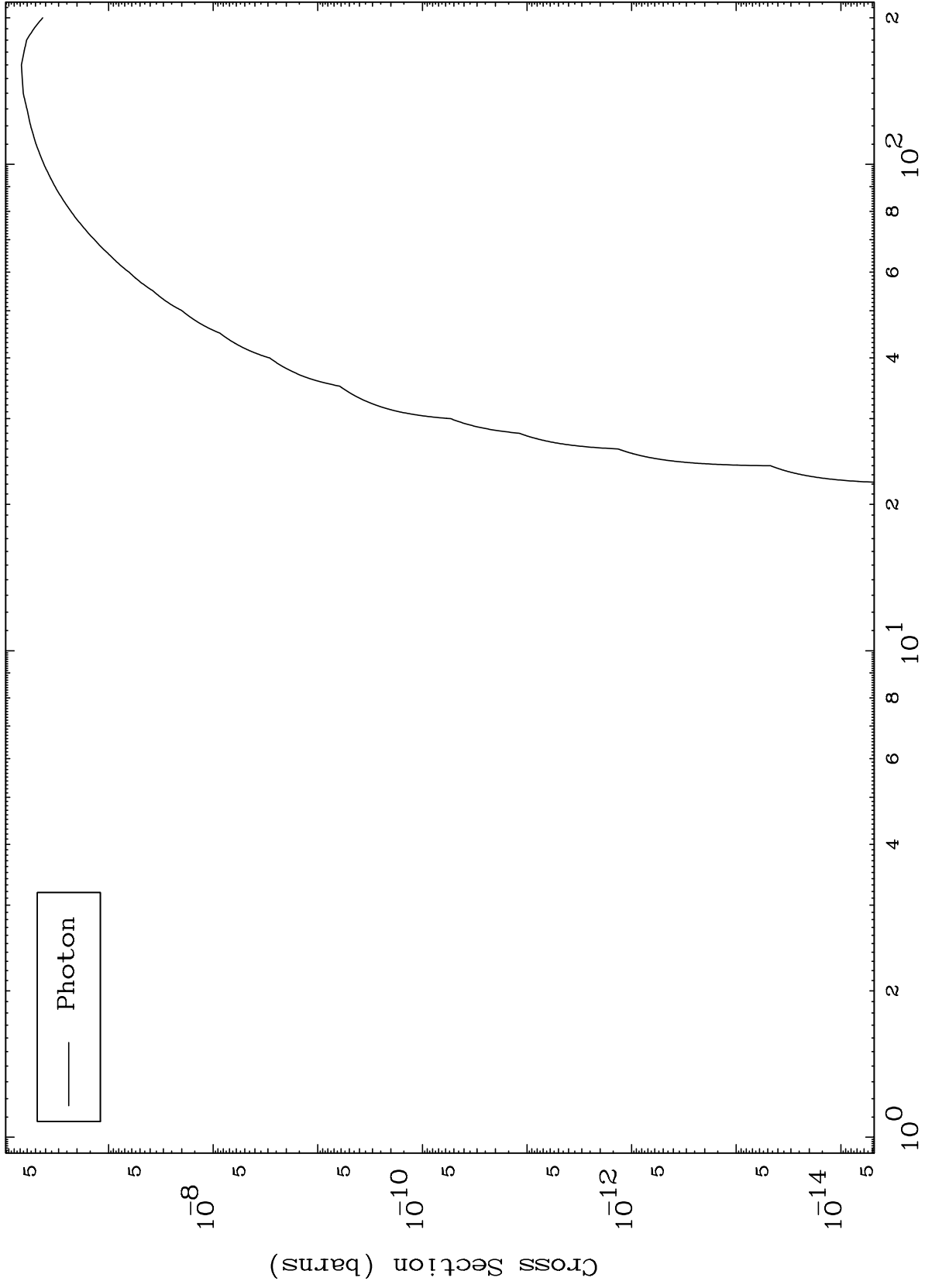
9



MAT 7730

Photon Fission
Radionuclide Production Cross Section

77-Ir-192



11

Incident Energy (MeV)

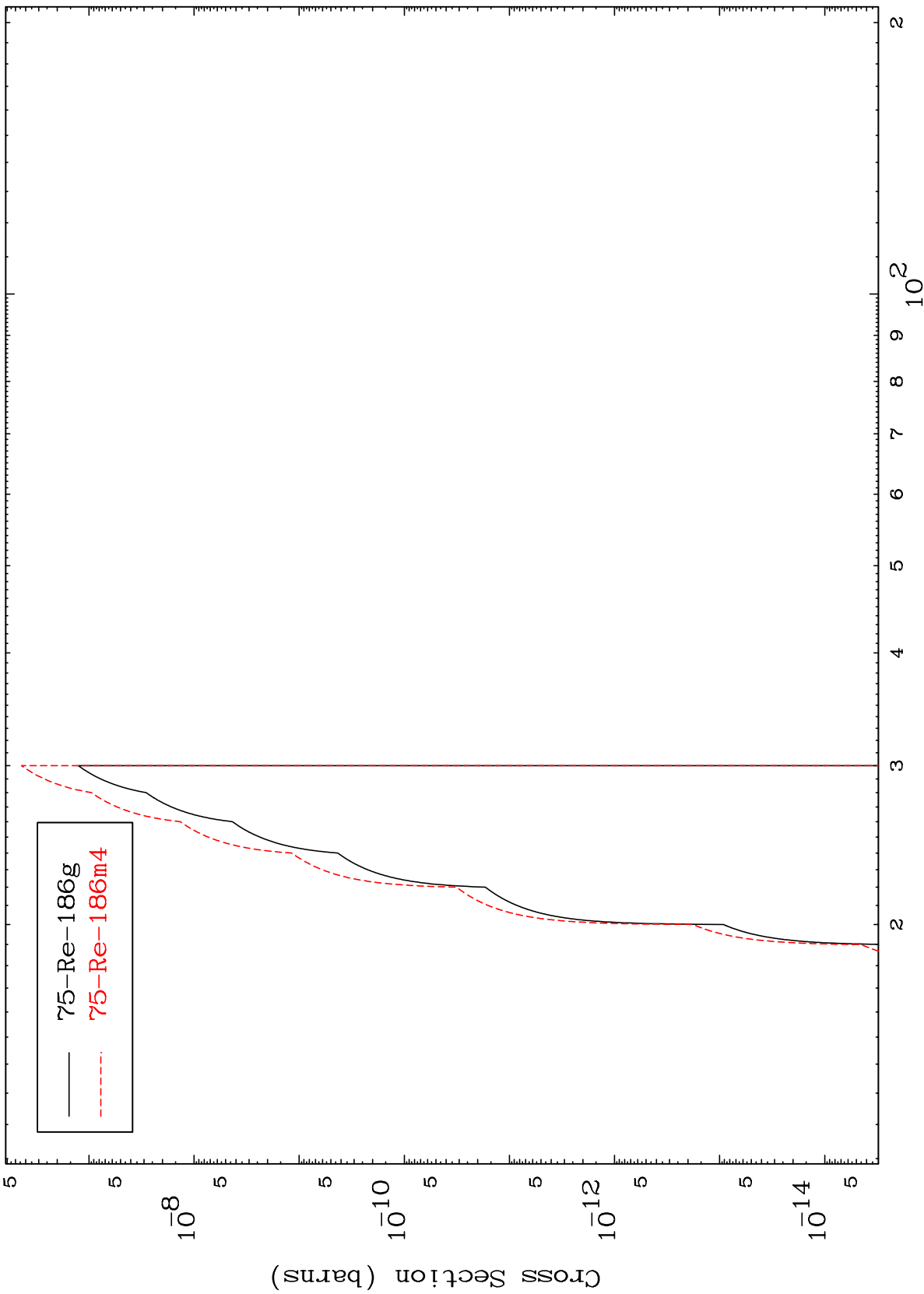
77-Ir-192

MAT 7730

$(\gamma, 2n) \alpha$

$^{77}\text{Ir-192}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

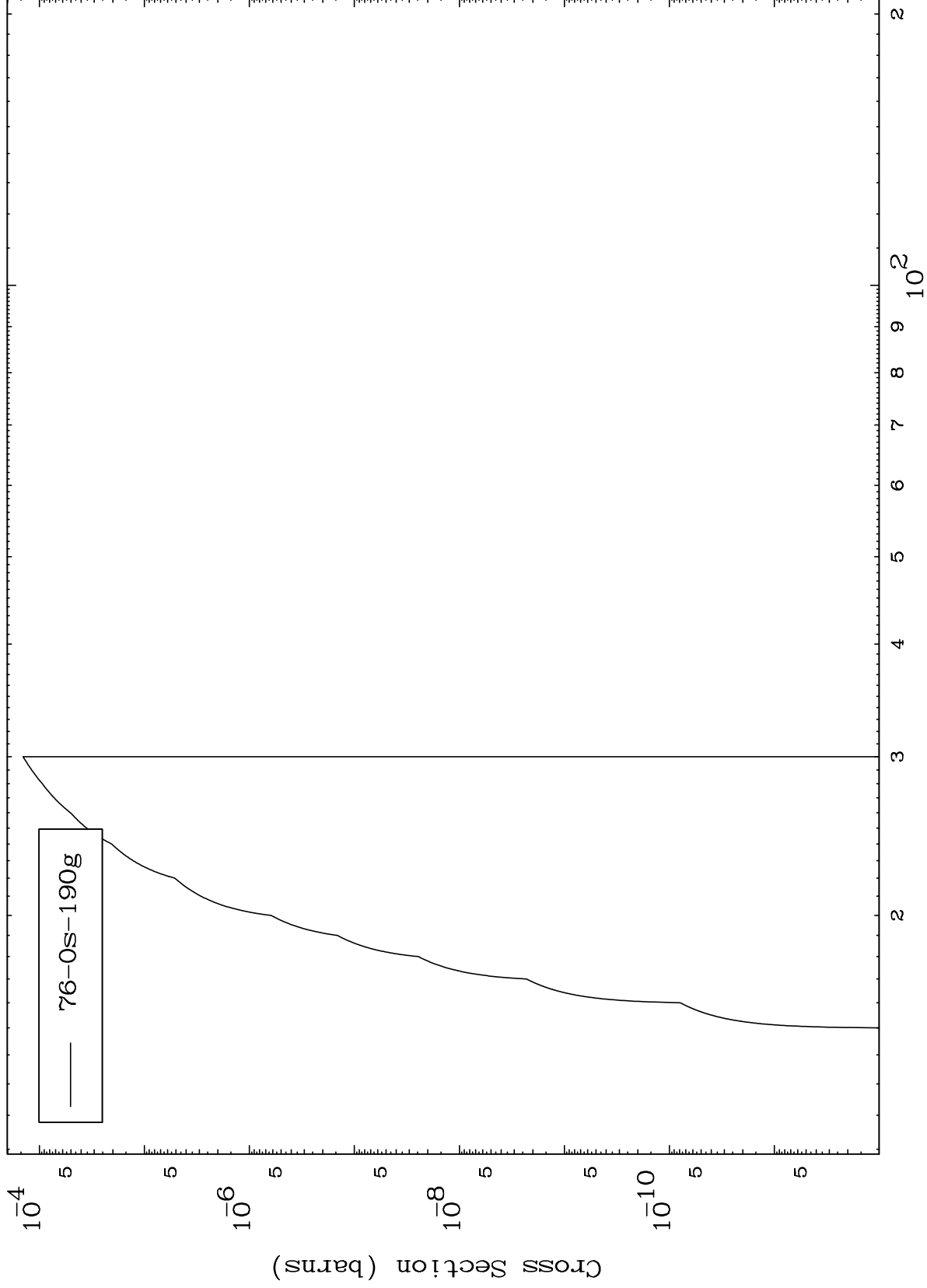
$^{77}\text{Ir-192}$

MAT 7730

(γ, n') p

⁷⁷Ir-192

Radionuclide Production Cross Section



13

Incident Energy (MeV)

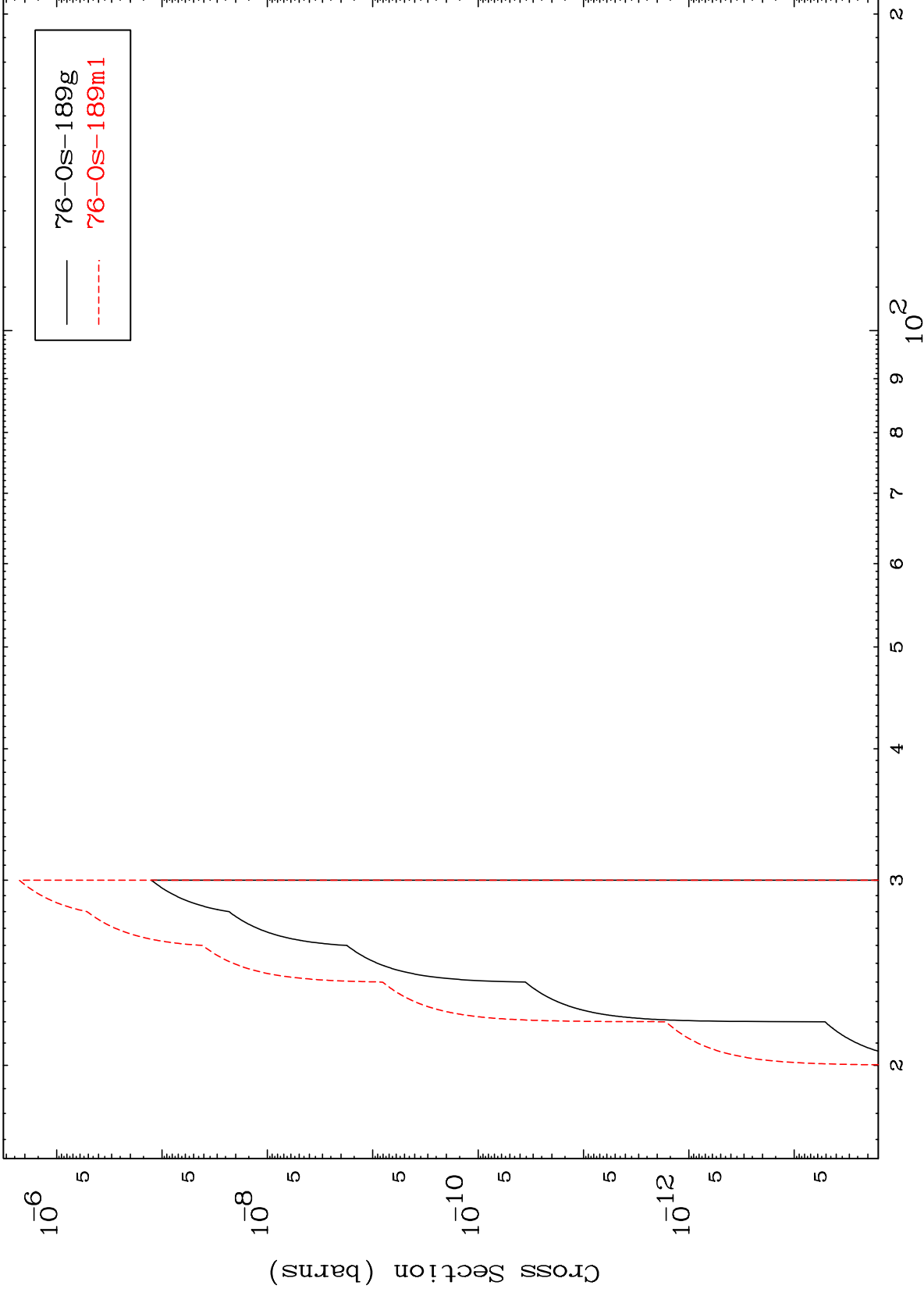
⁷⁷Ir-192

MAT 7730

(γ, n') d

77-Ir-192

Radionuclide Production Cross Section



14

Incident Energy (MeV)

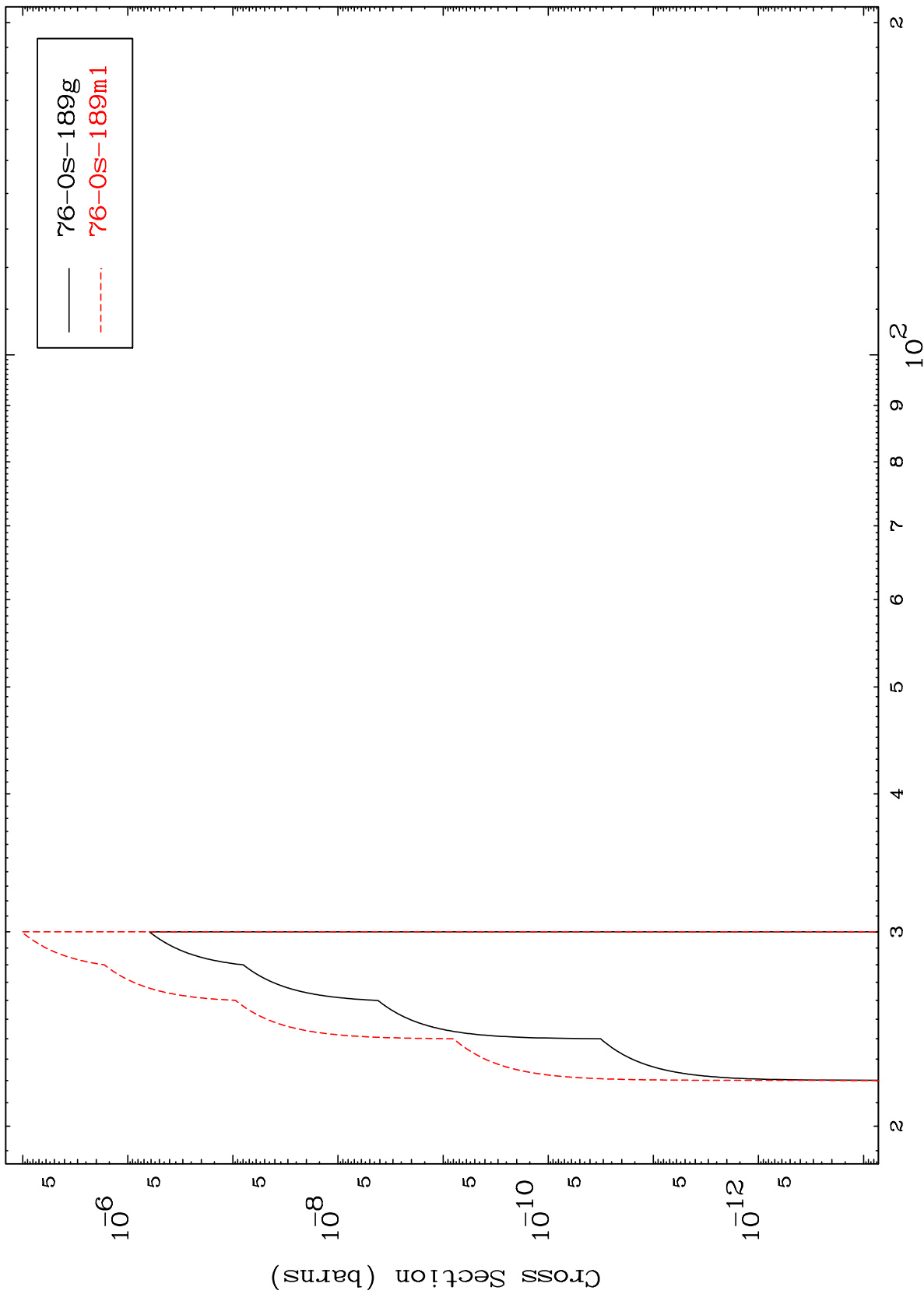
77-Ir-192

MAT 7730

($\gamma, 2n$) p

77-Ir-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

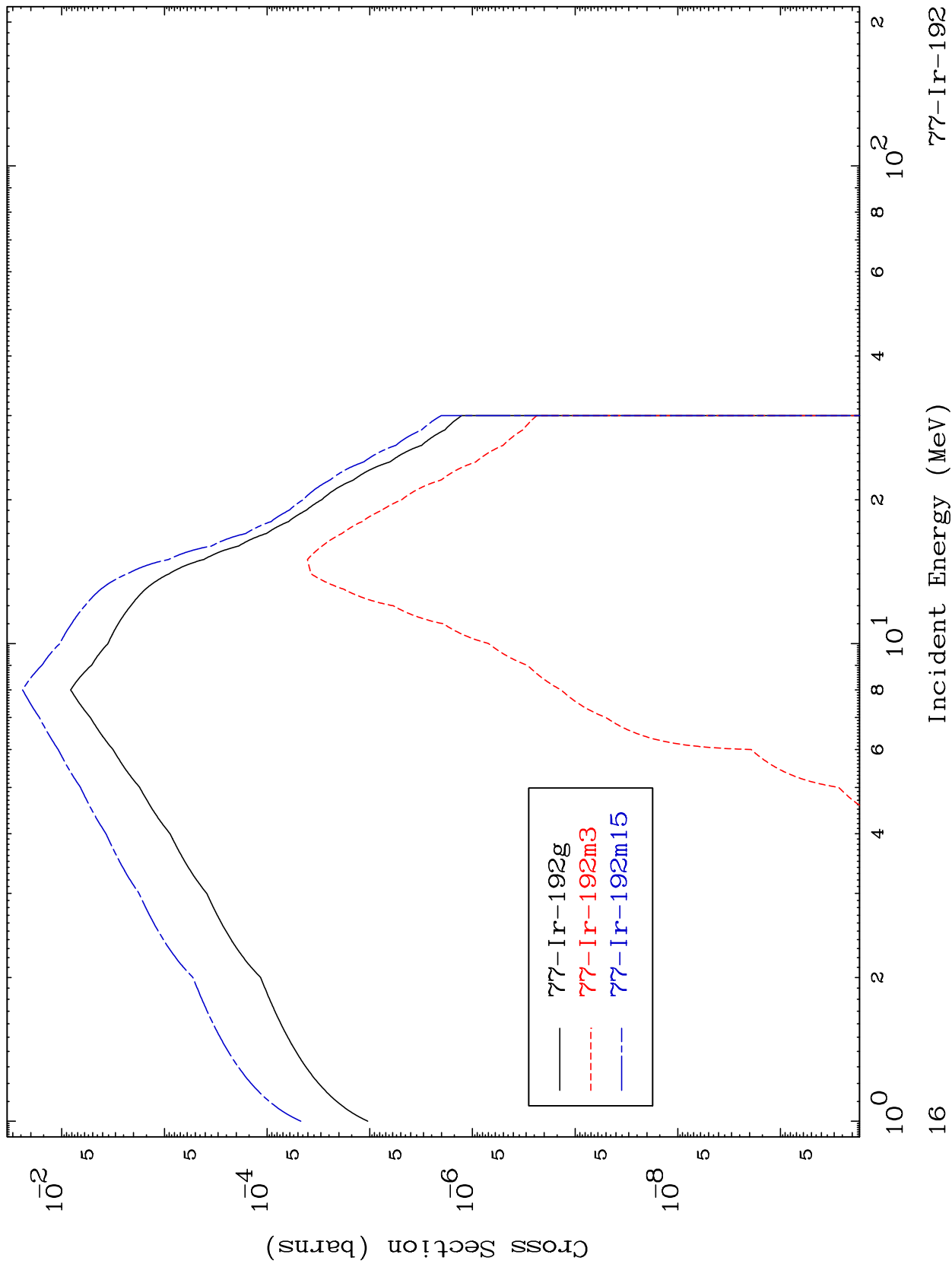
77-Ir-192

MAT 7730

⁷⁷Ir-192

Radionuclide Production Cross Section

(γ, γ)

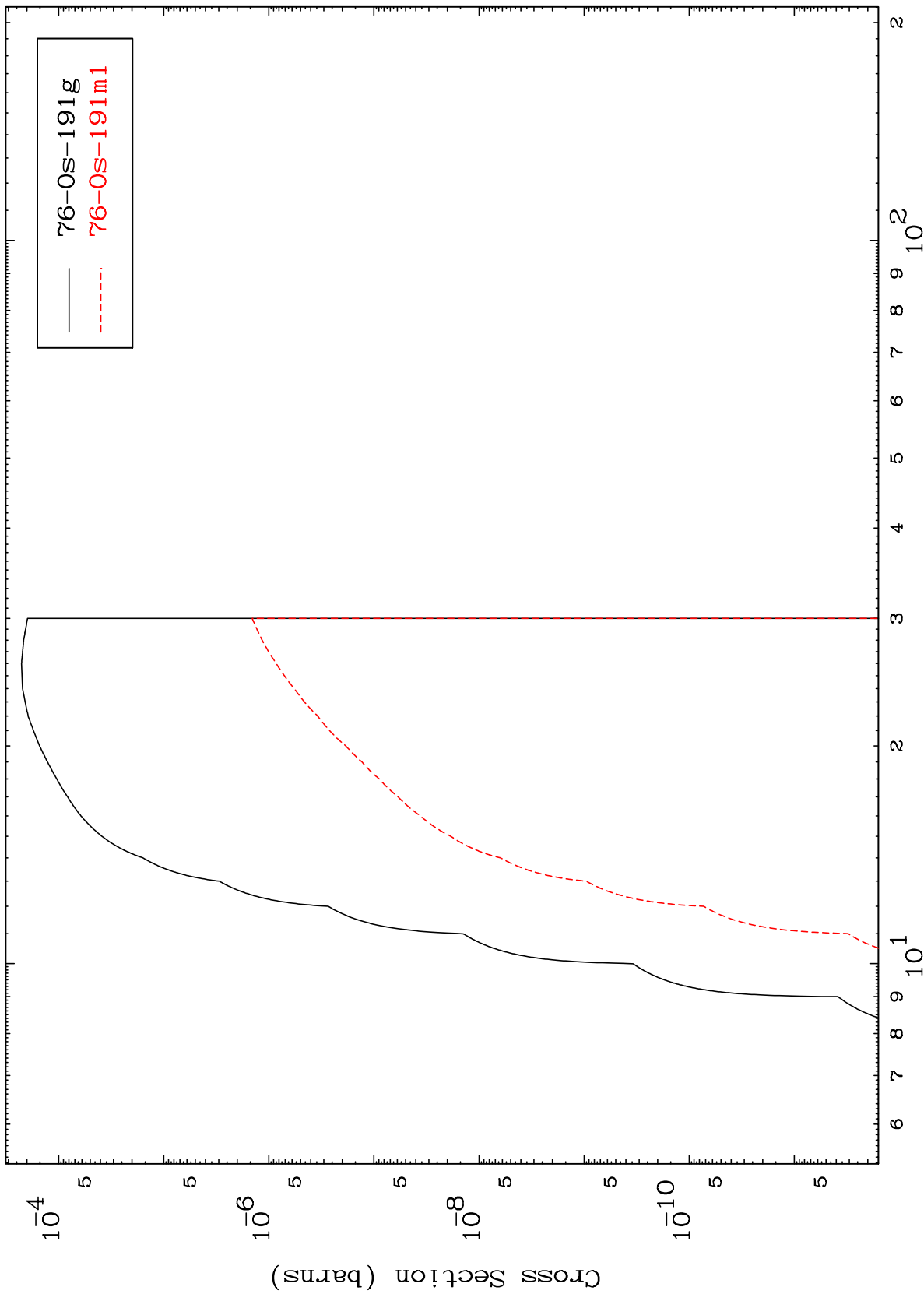


⁷⁷Ir-192

MAT 7730

77-Ir-192

(γ, p)
Radionuclide Production Cross Section



17

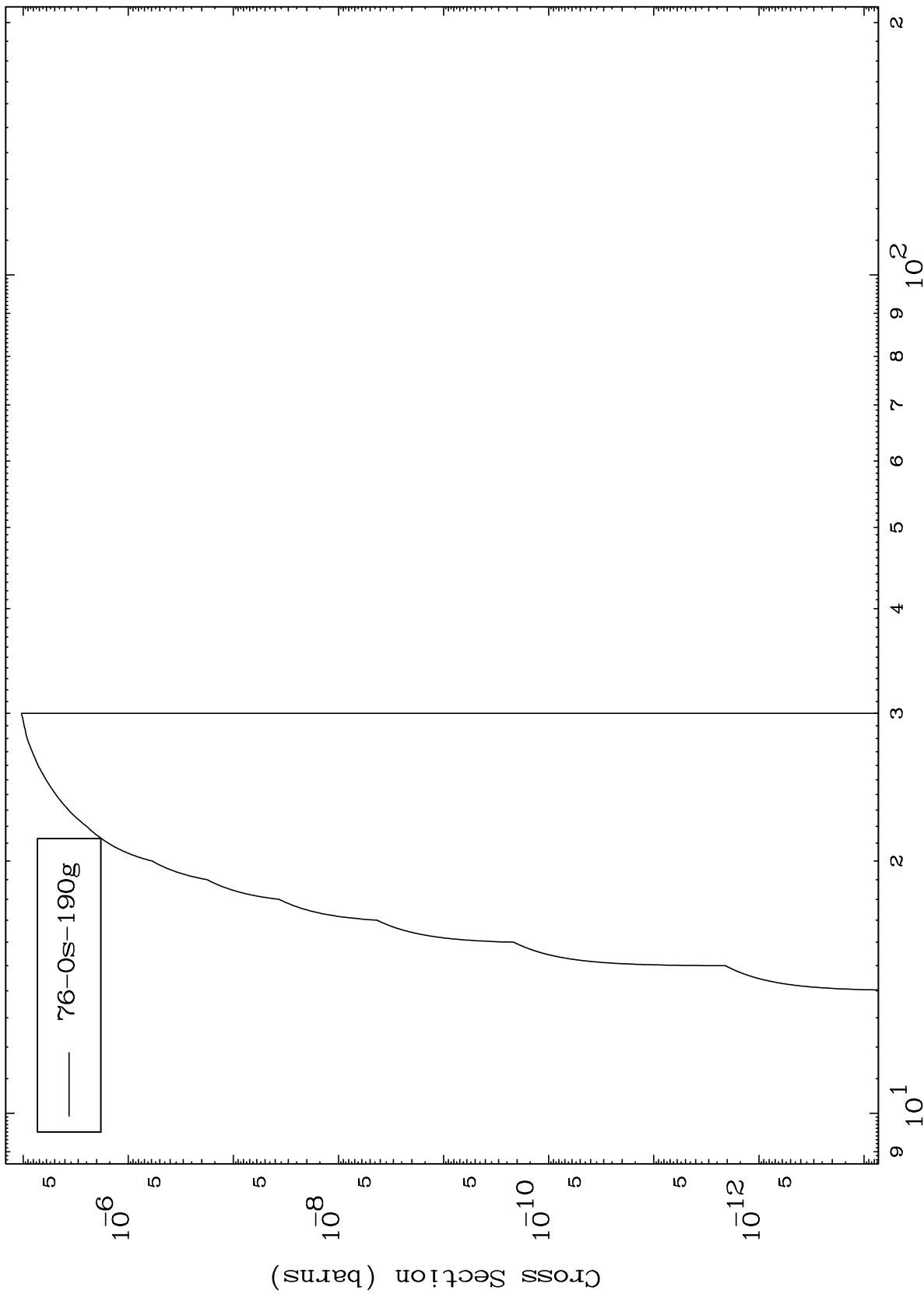
Incident Energy (MeV)

77-Ir-192

MAT 7730

77-Ir-192

(γ, d)
Radionuclide Production Cross Section

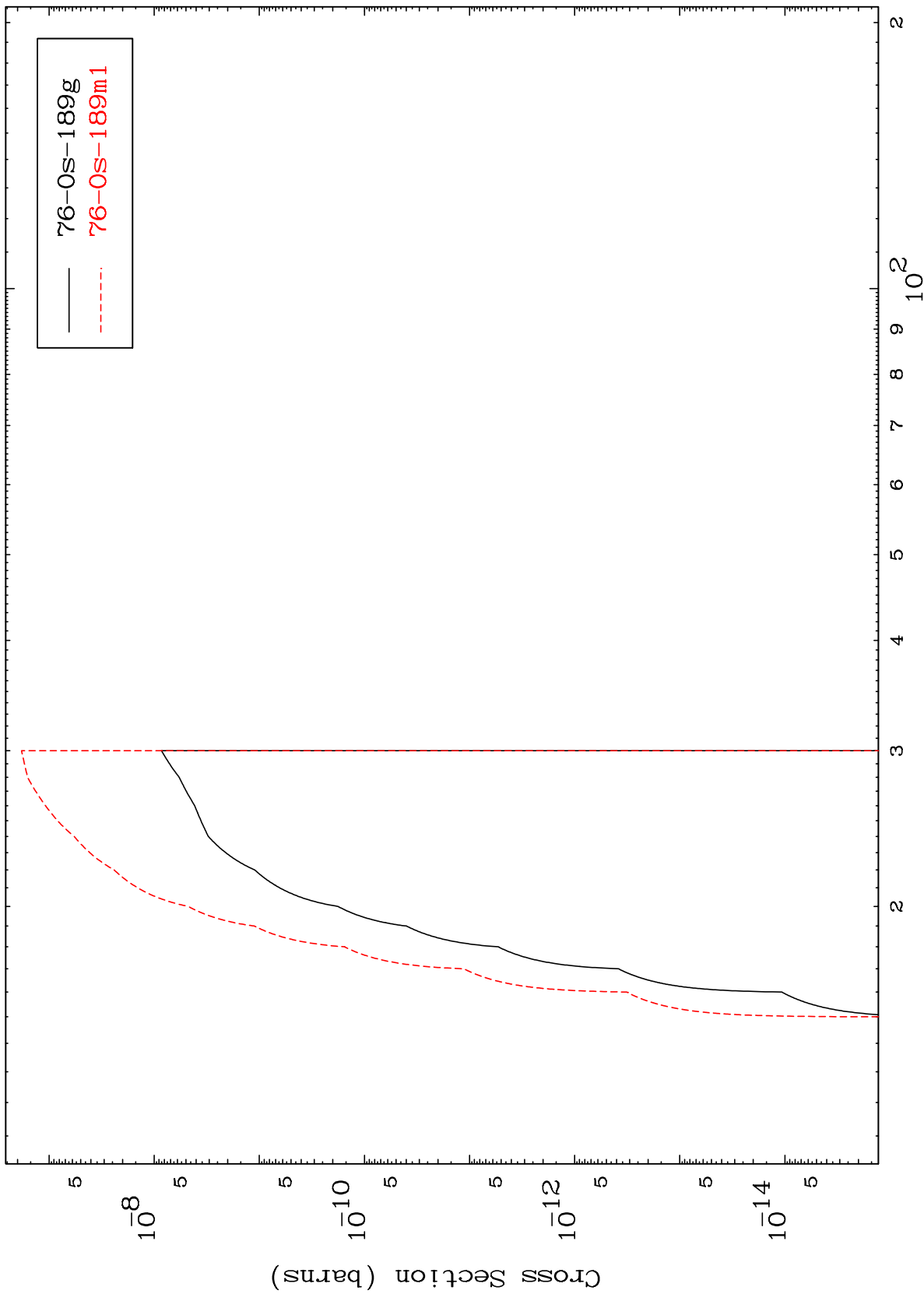


77-Ir-192

Incident Energy (MeV)

18

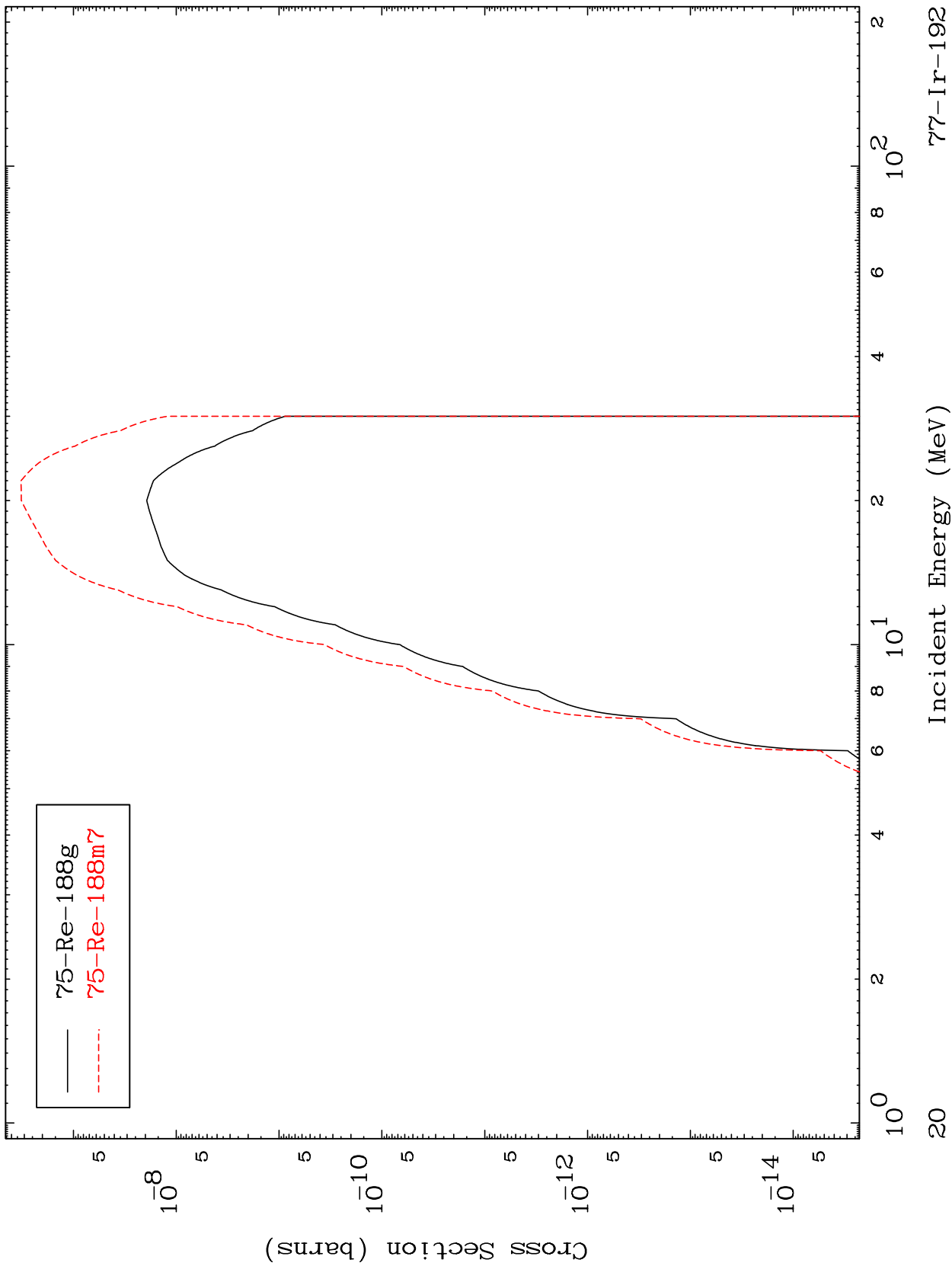
(γ, t)
Radionuclide Production Cross Section



MAT 7730

77-Ir-192

(γ, α)
Radionuclide Production Cross Section



77-Ir-192

Incident Energy (MeV)

20