

Program EVALPLOT
(Version 2018-1)

by

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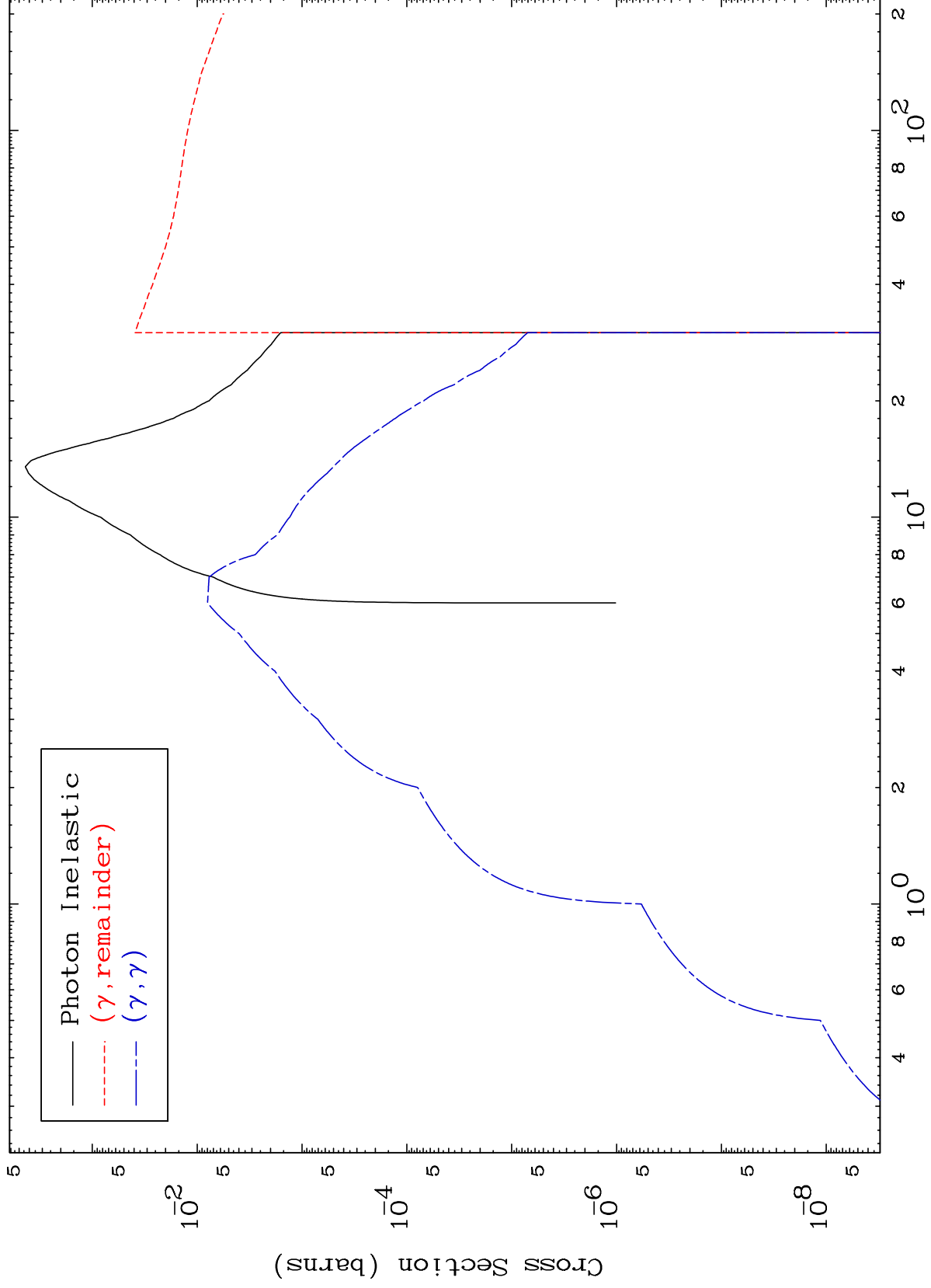
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7735

Photon Major
0 Kelvin Cross Sections

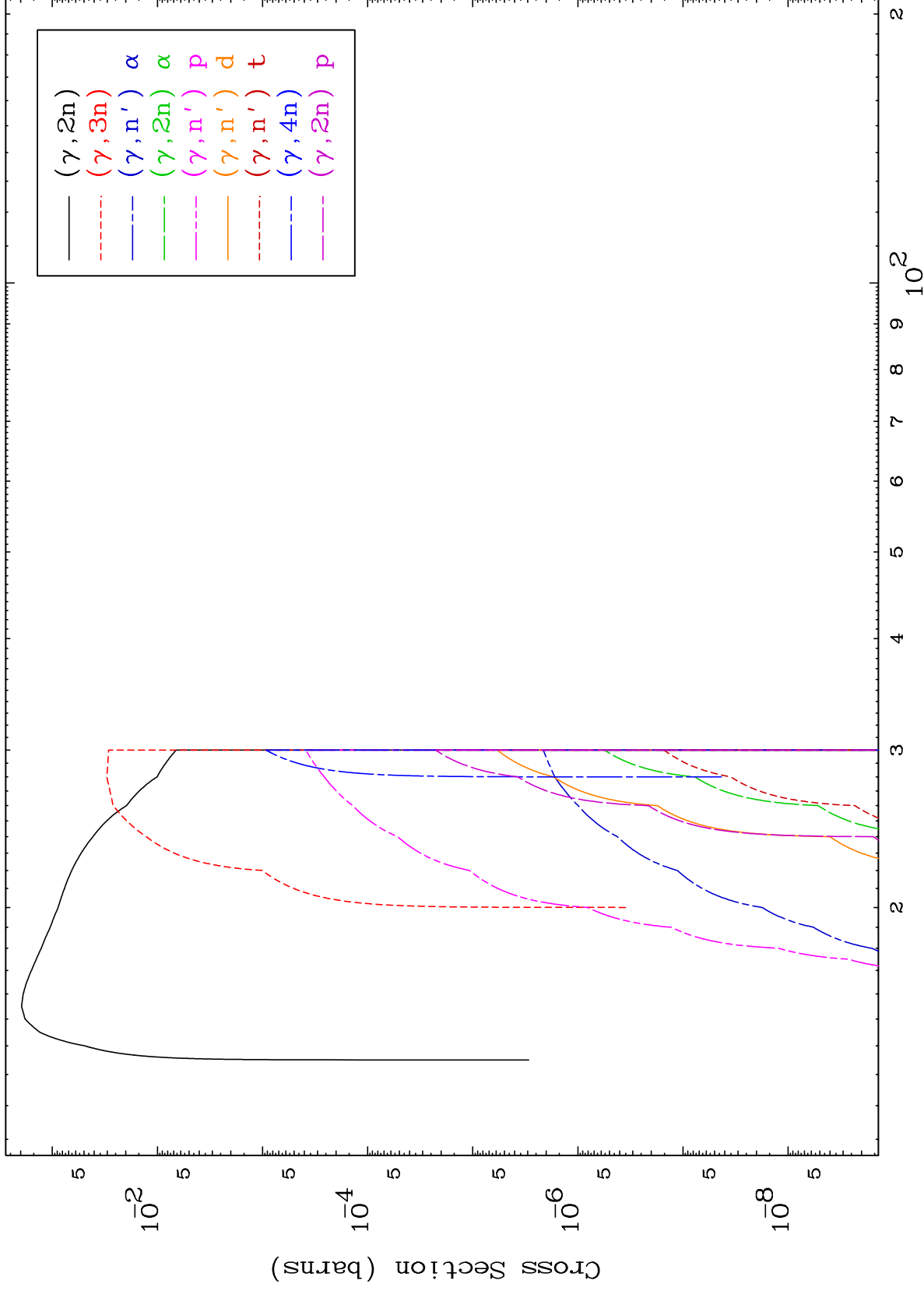
77-Ir-194



1

Incident Energy (MeV)

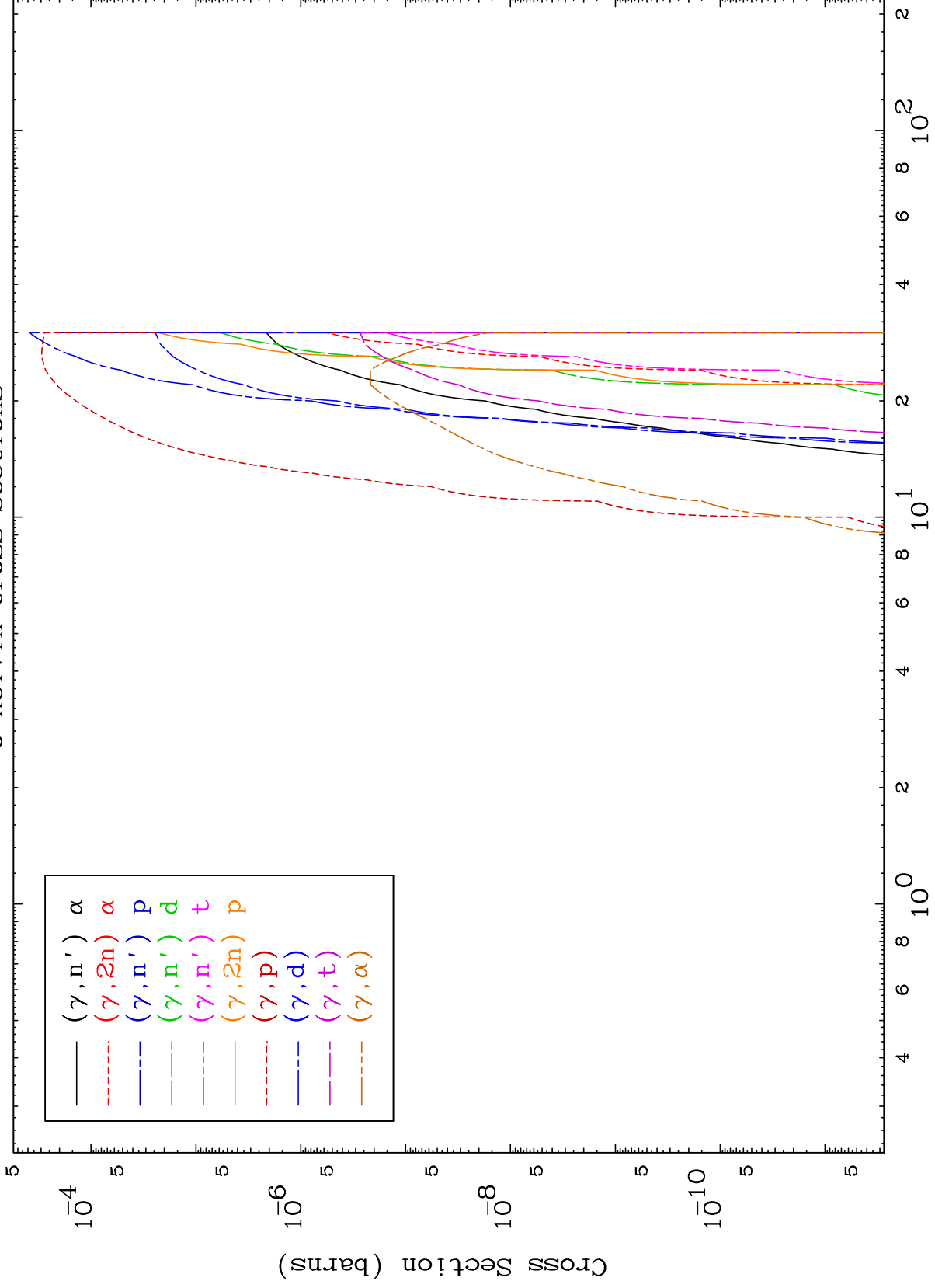
77-Ir-194



MAT 7735

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-194

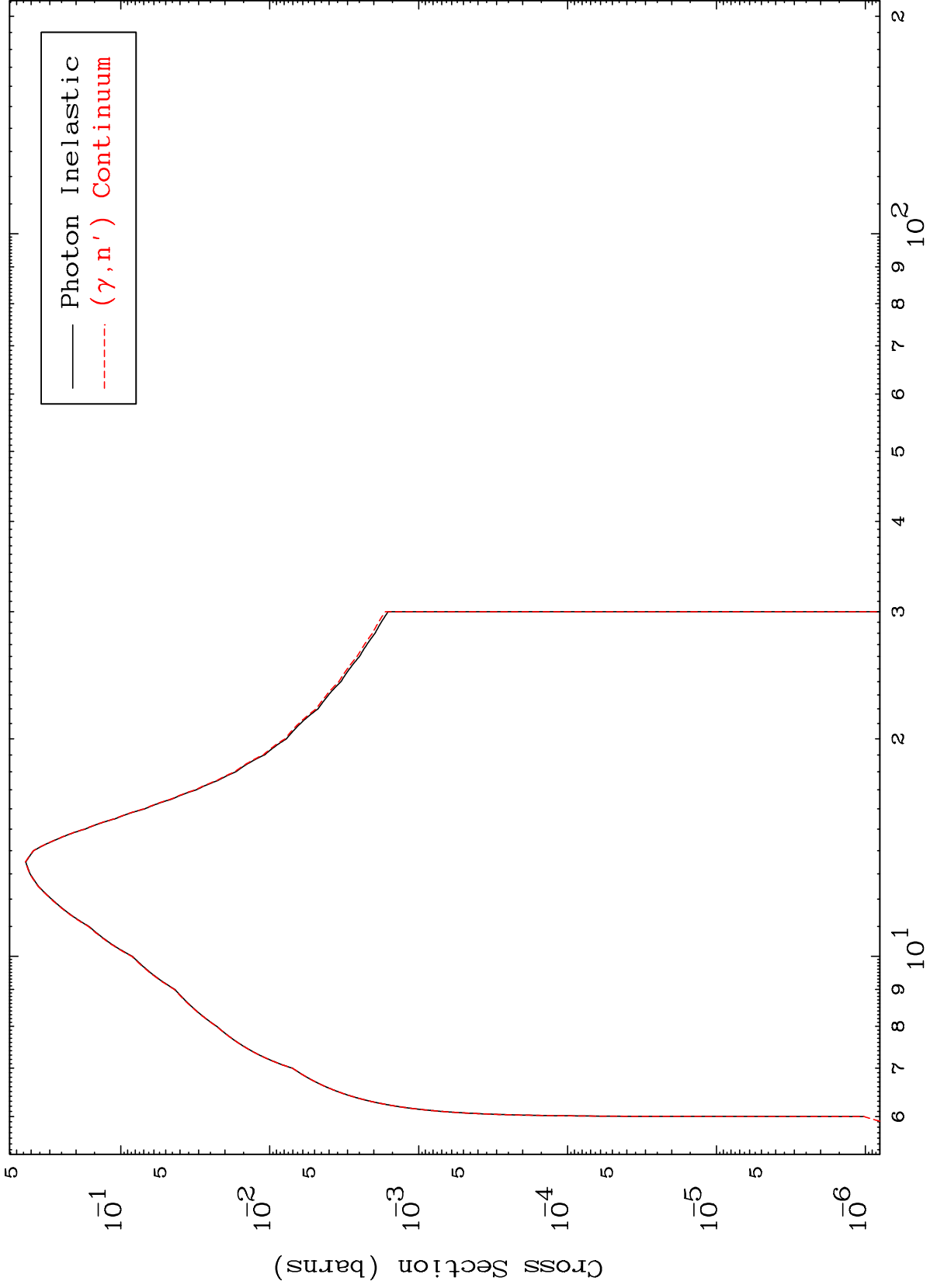


MAT 7735

(γ, n') Level

77-Ir-194

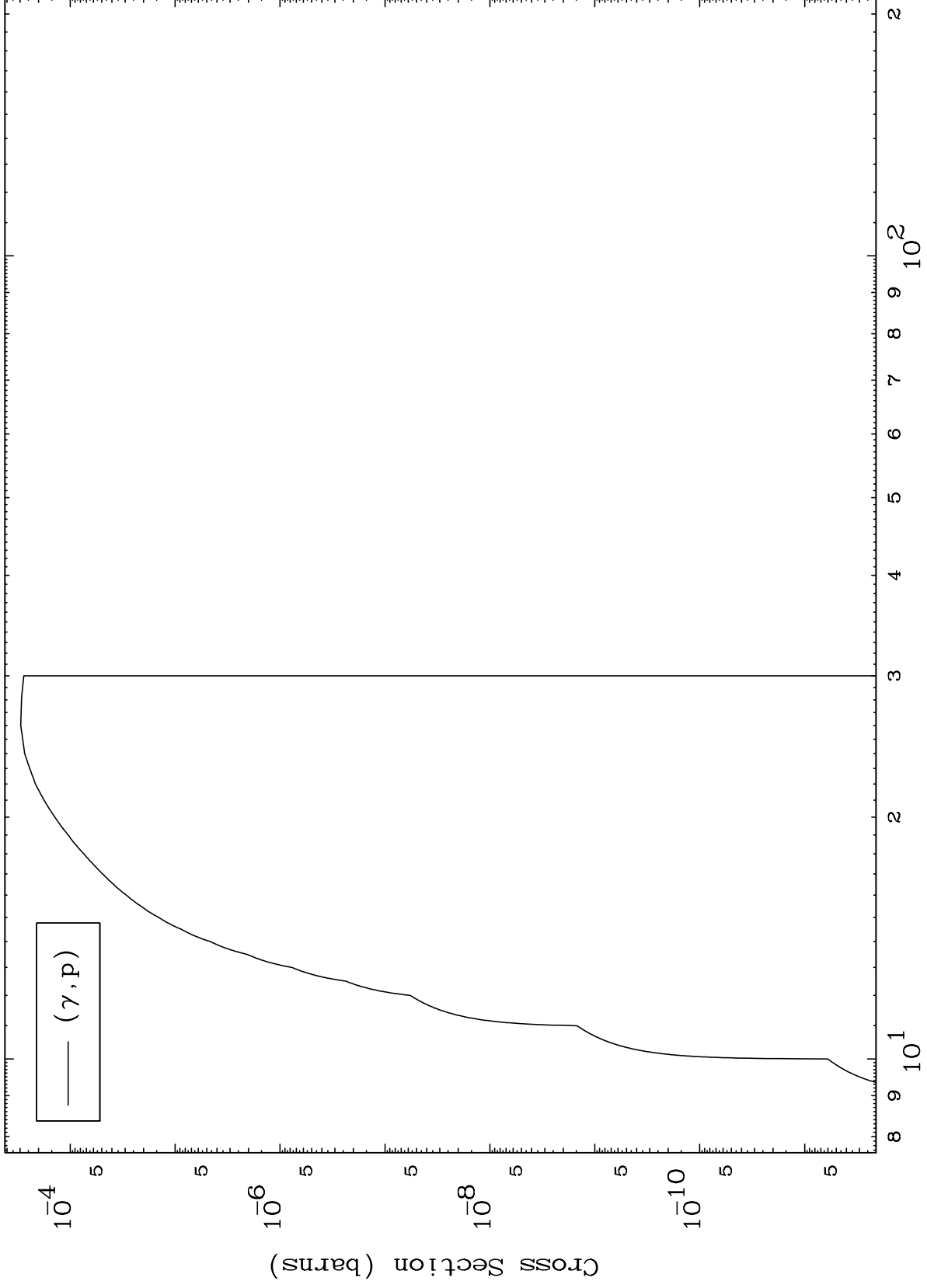
0 Kelvin Cross Sections



MAT 7735

(γ, p) Levels
0 Kelvin Cross Sections

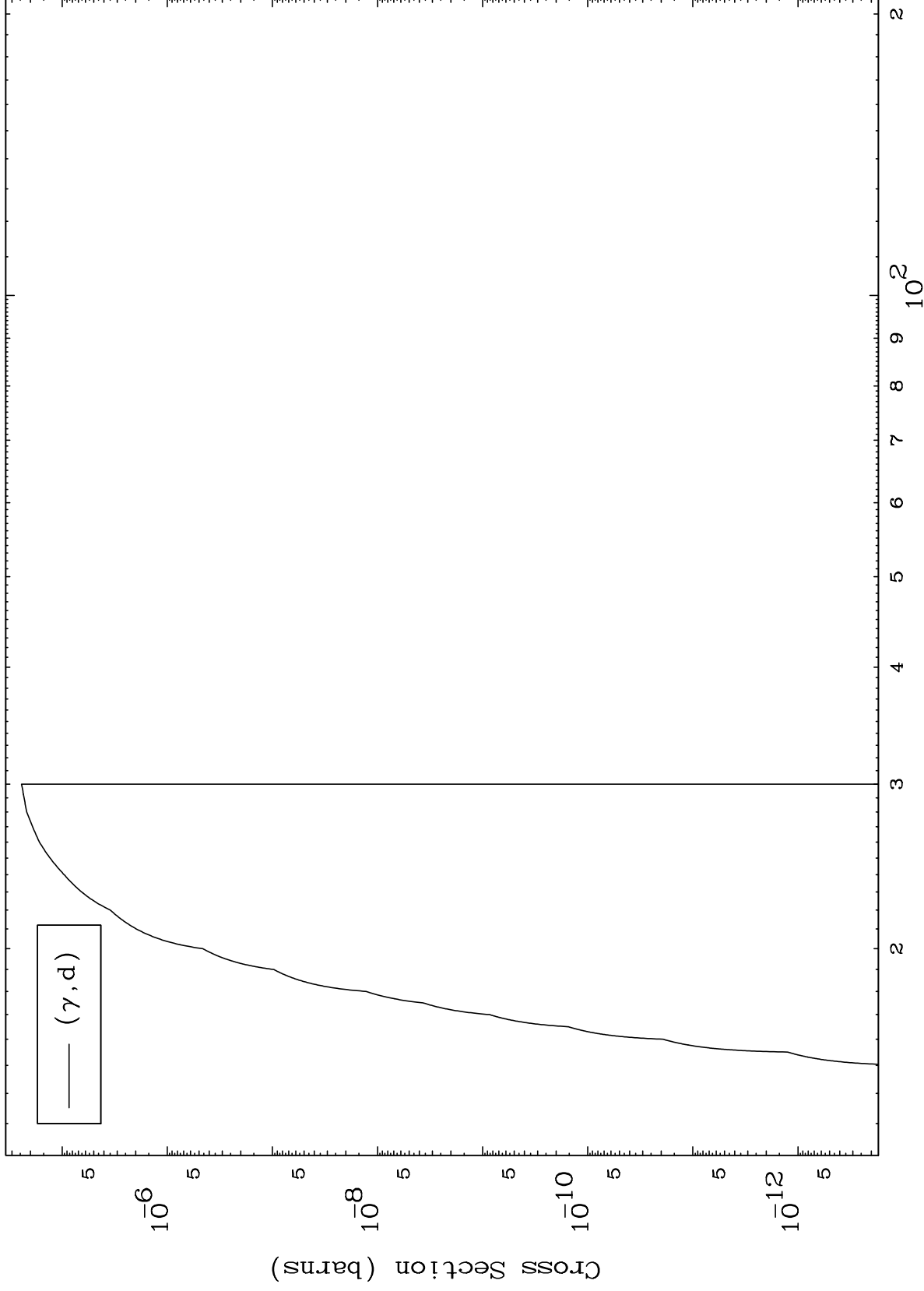
77-Ir-194



5

Incident Energy (MeV)

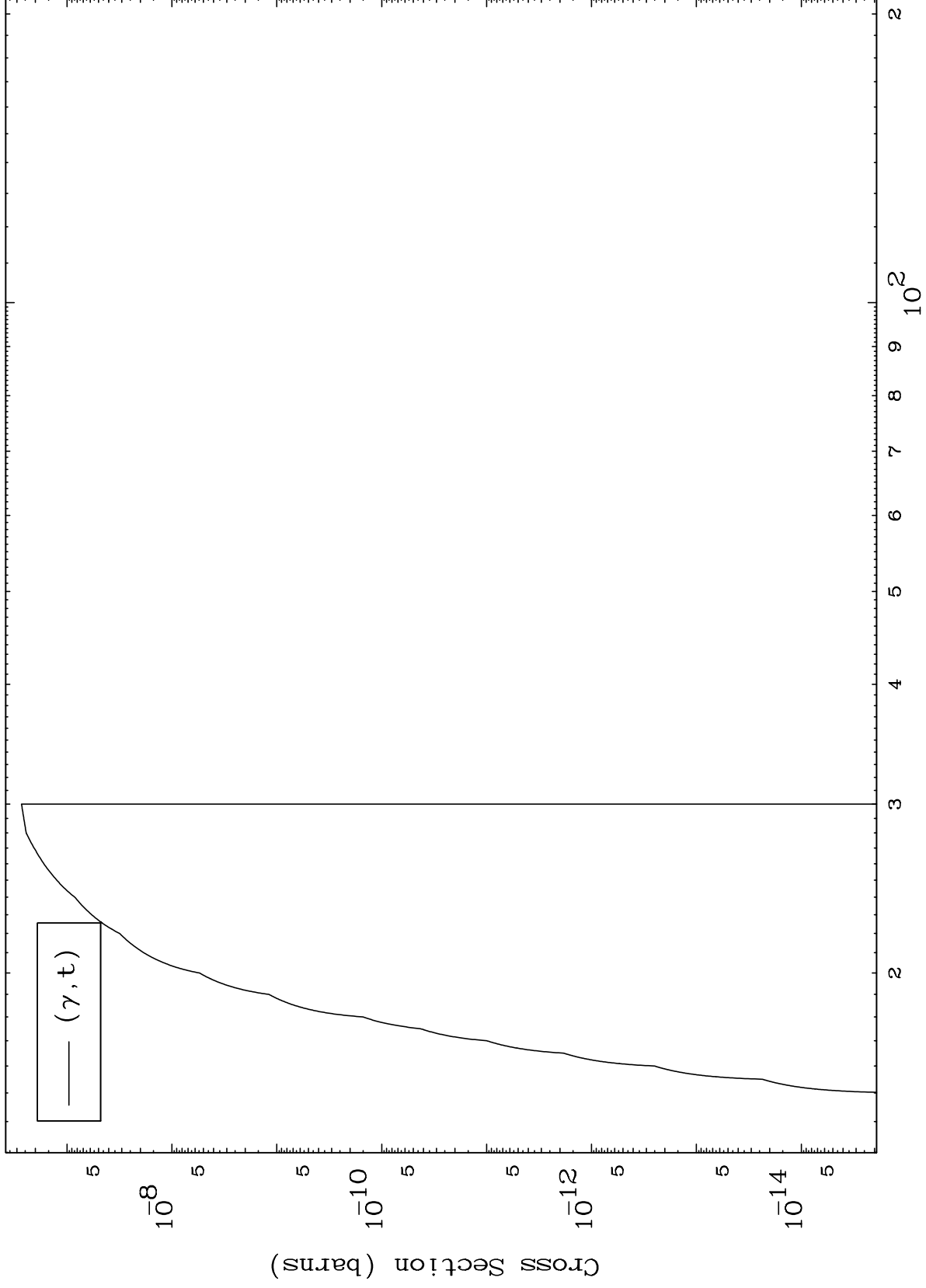
77-Ir-194



MAT 7735

(γ, t) Levels
0 Kelvin Cross Sections

77-Ir-194



7

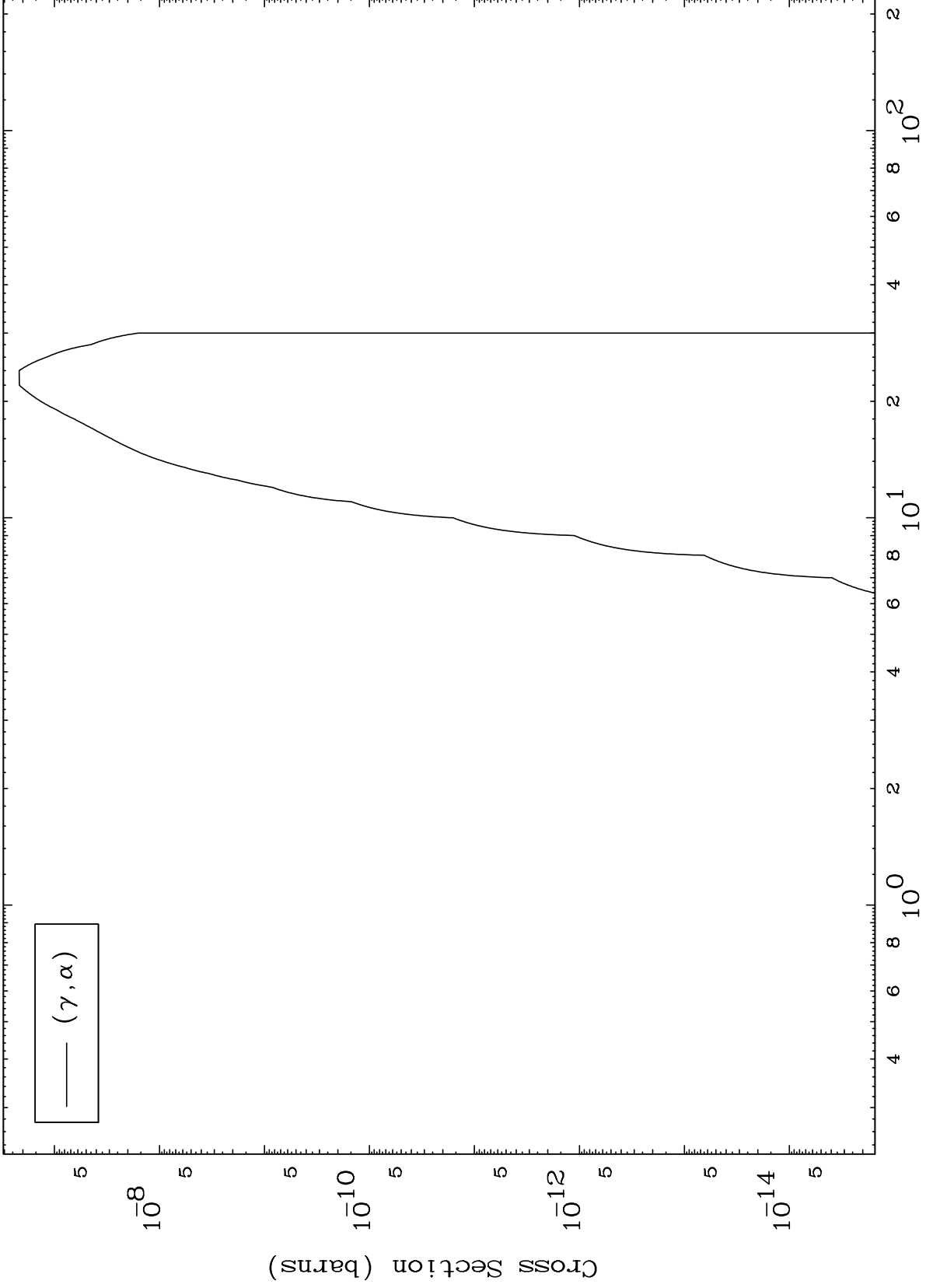
Incident Energy (MeV)

77-Ir-194

MAT 7735

(γ, α) Levels
0 Kelvin Cross Sections

77-Ir-194

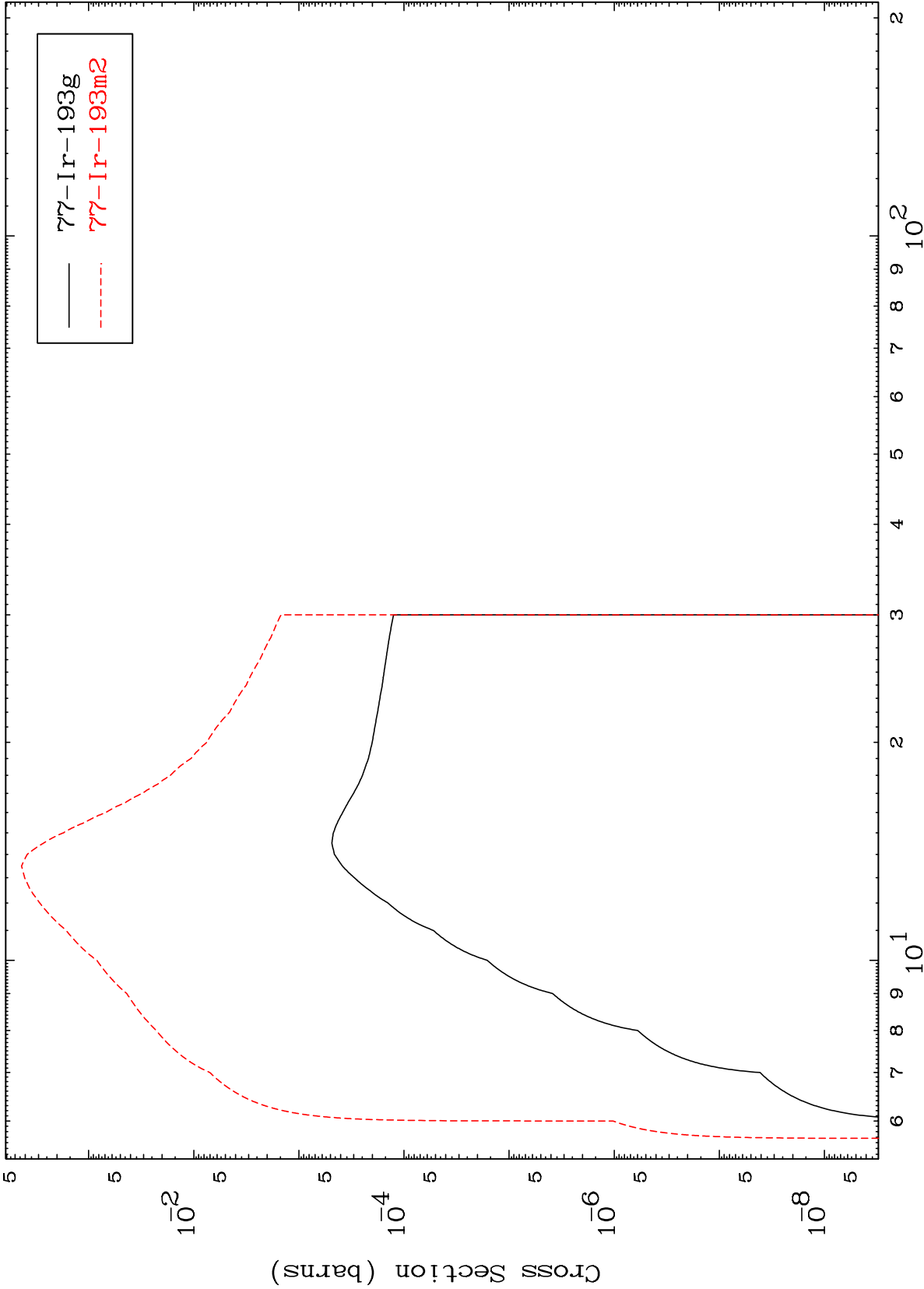


(γ, α)

MAT 7735

Photon Inelastic
Radionuclide Production Cross Section

77-Ir-194



9

Incident Energy (MeV)

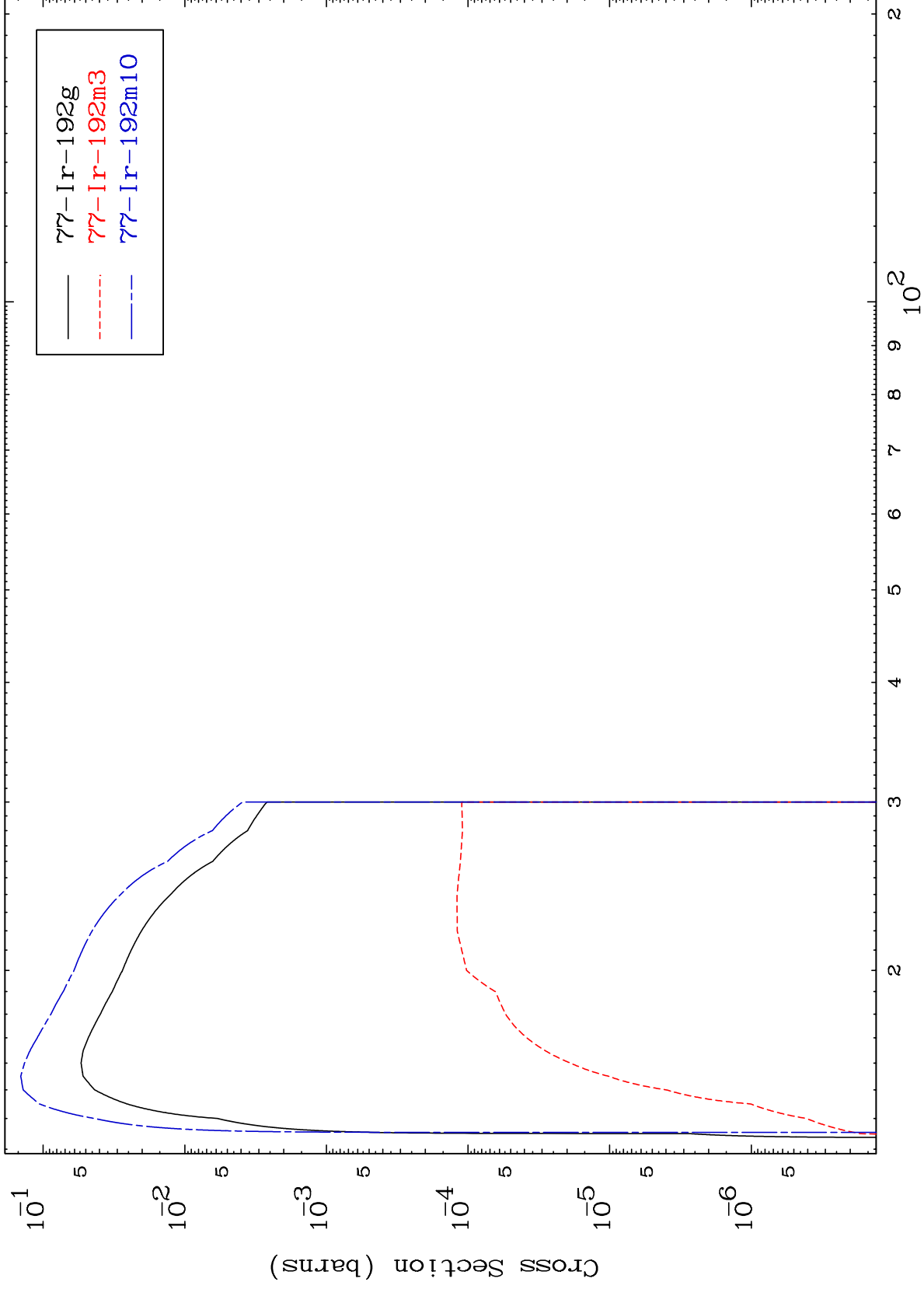
77-Ir-194

MAT 7735

($\gamma, 2n$)

77-Ir-194

Radionuclide Production Cross Section



10

Incident Energy (MeV)

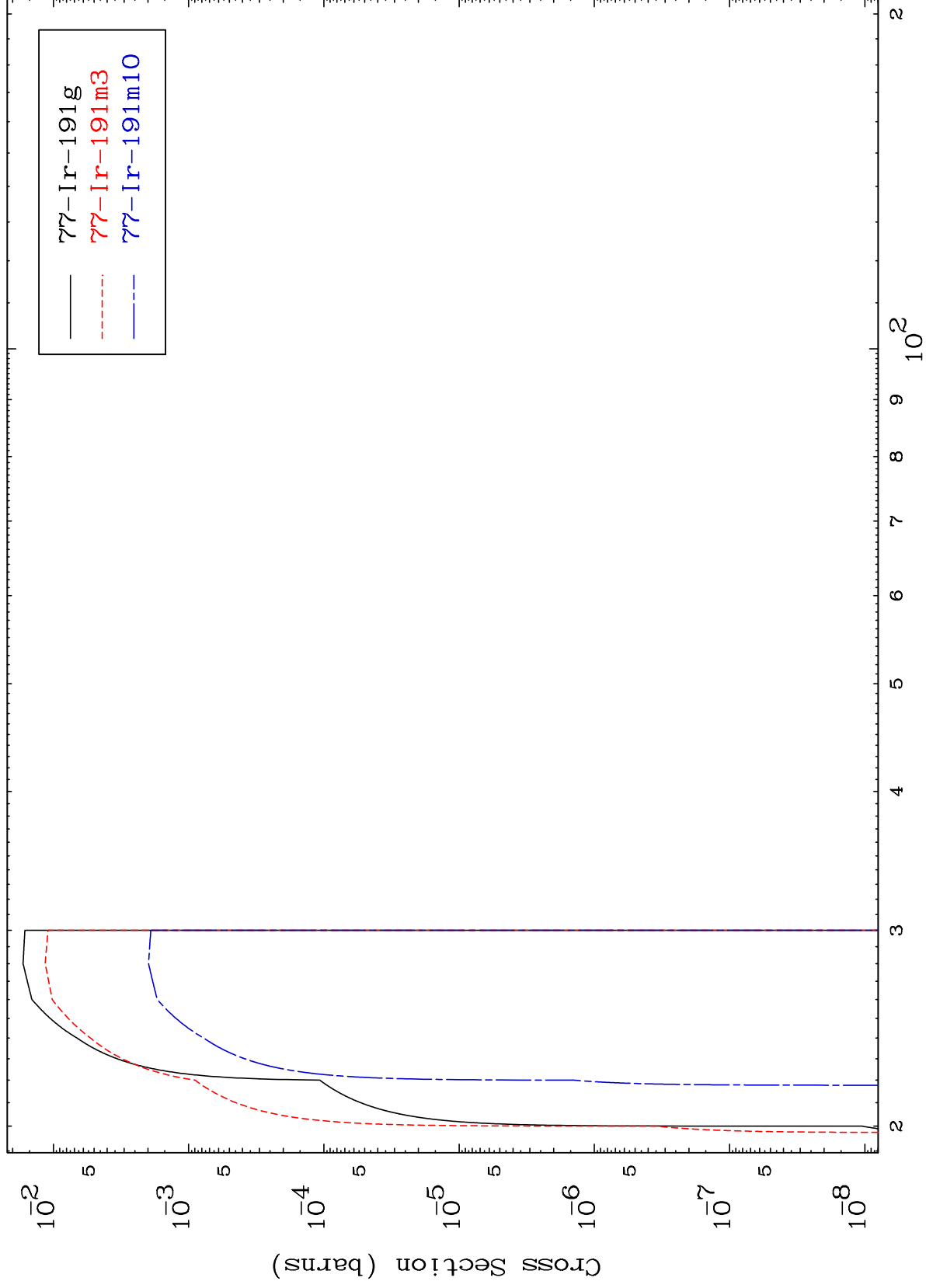
77-Ir-194

MAT 7735

($\gamma, 3n$)

77-Ir-194

Radionuclide Production Cross Section



11

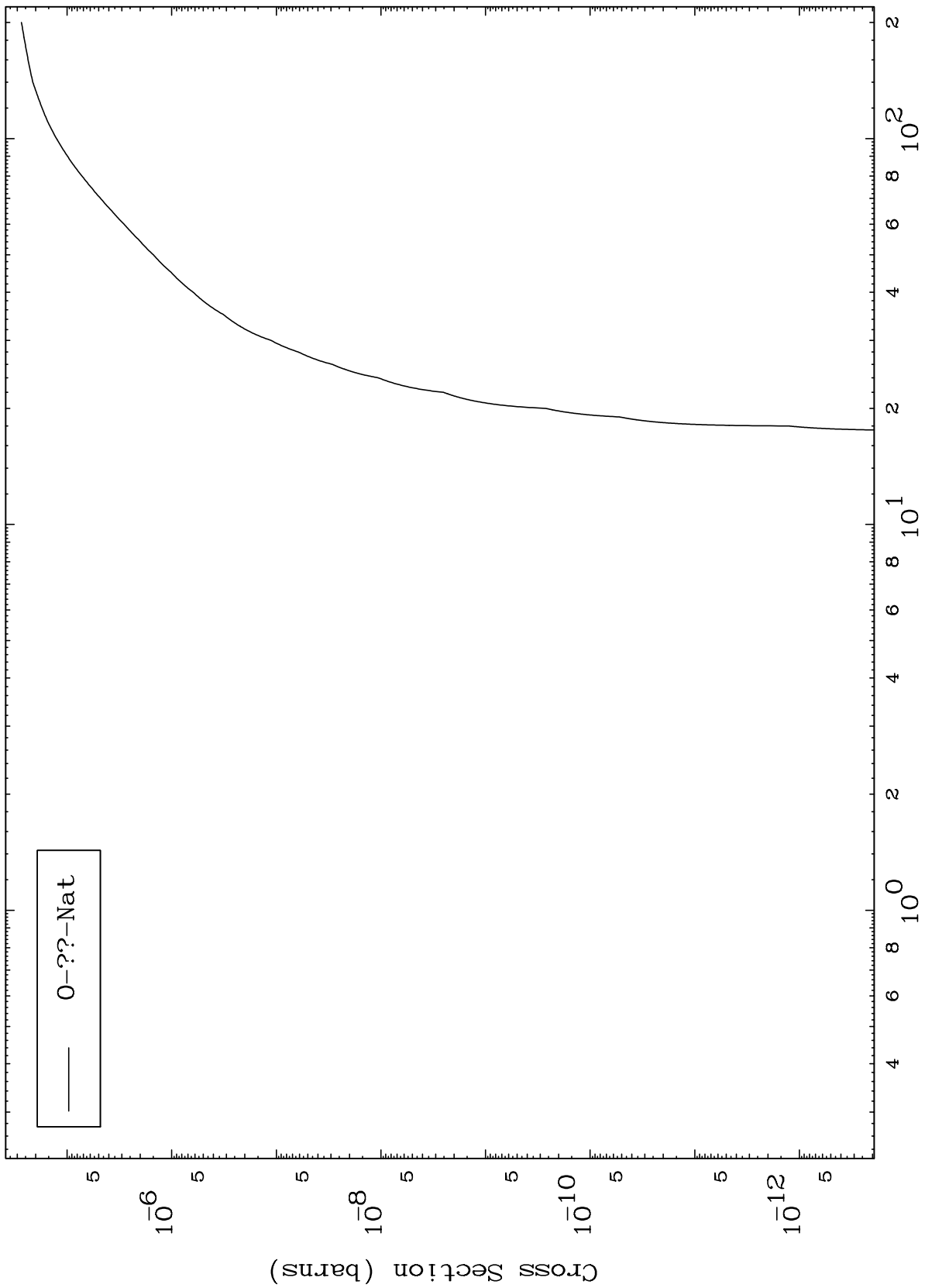
Incident Energy (MeV)

77-Ir-194

MAT 7735

Photon Fission
Radionuclide Production Cross Section

⁷⁷Ir-194

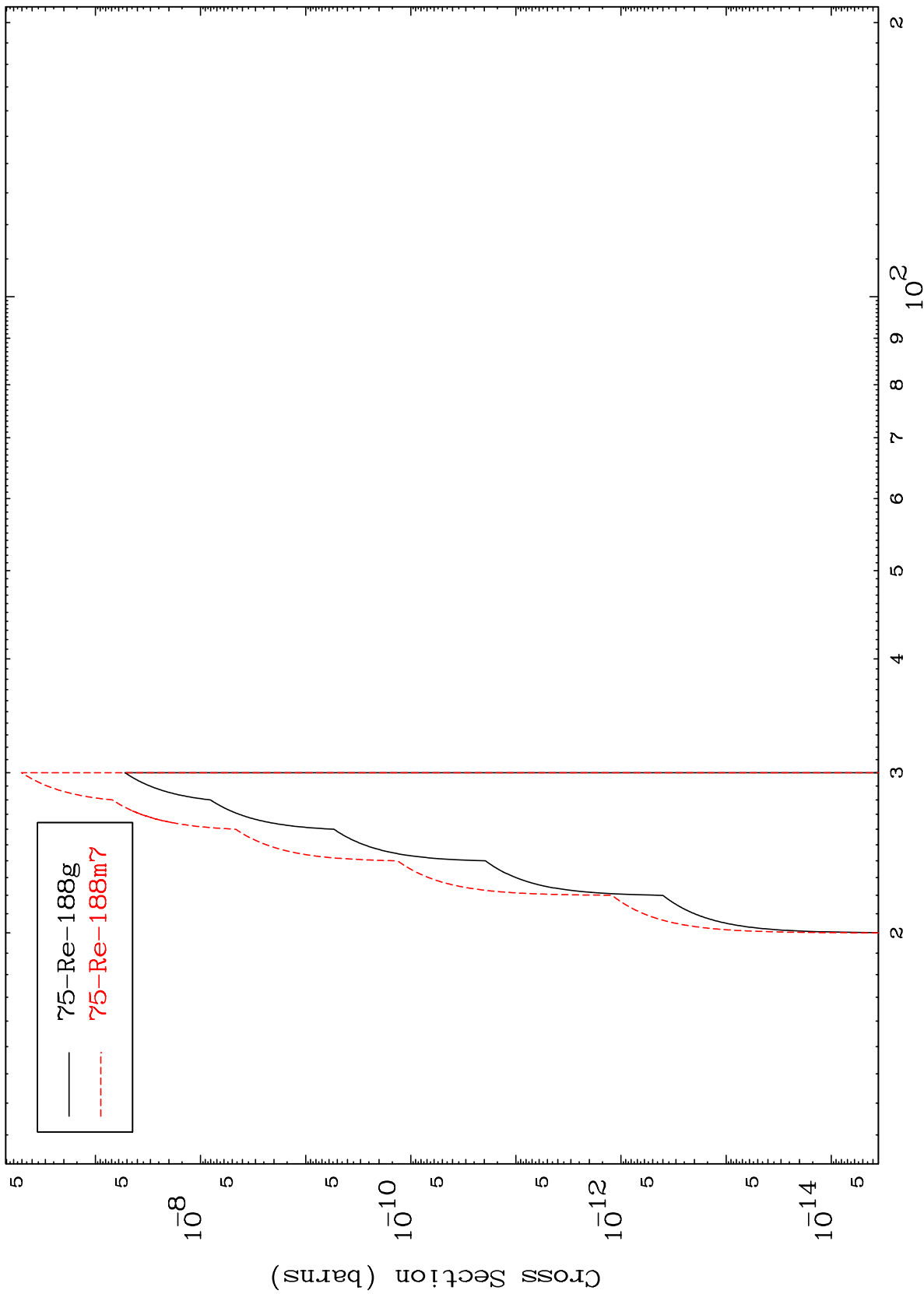


MAT 7735

$(\gamma, 2n) \alpha$

$^{77}\text{Ir-194}$

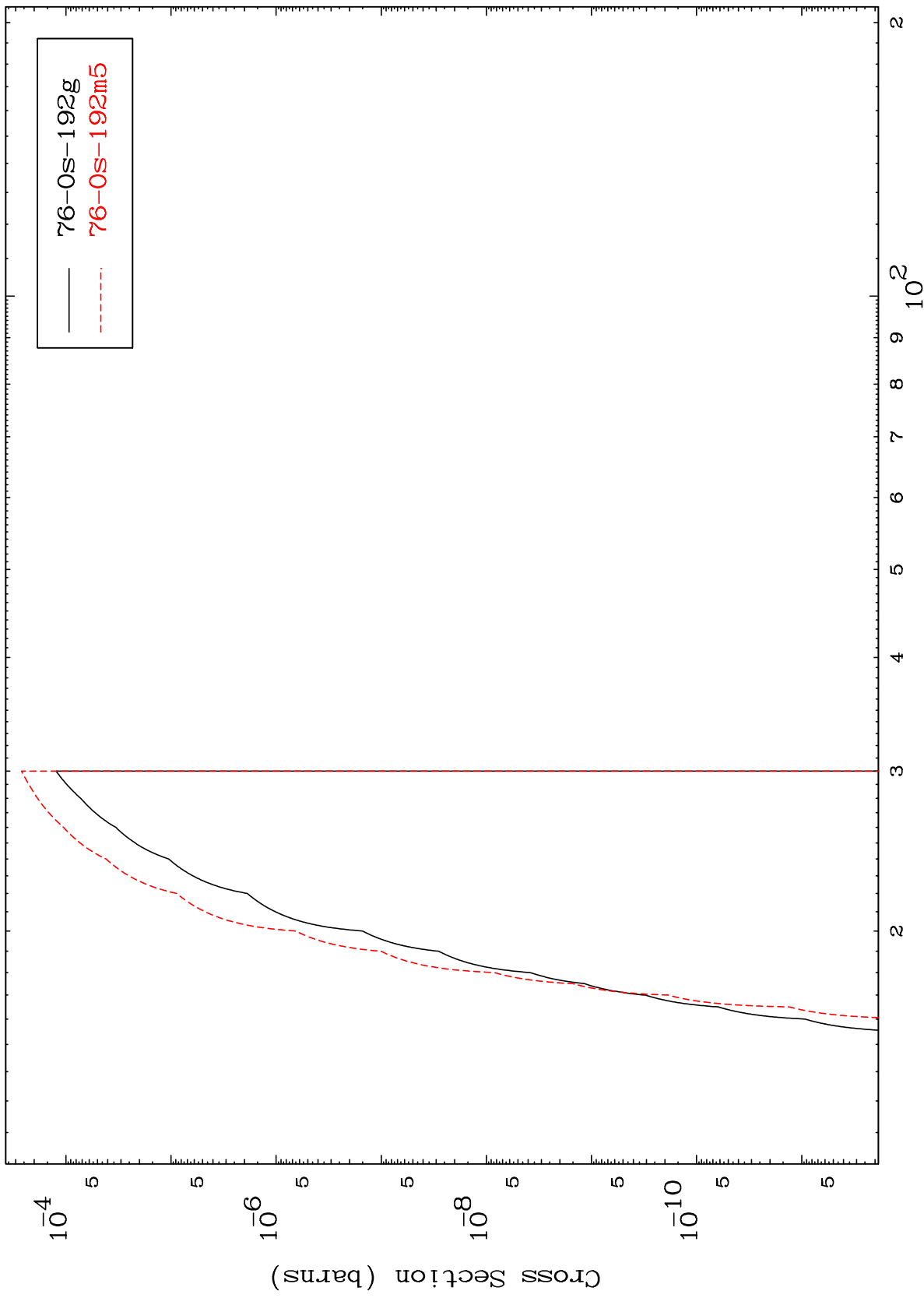
Radionuclide Production Cross Section



MAT 7735

77-Ir-194

(γ, n') p
Radionuclide Production Cross Section



14

Incident Energy (MeV)

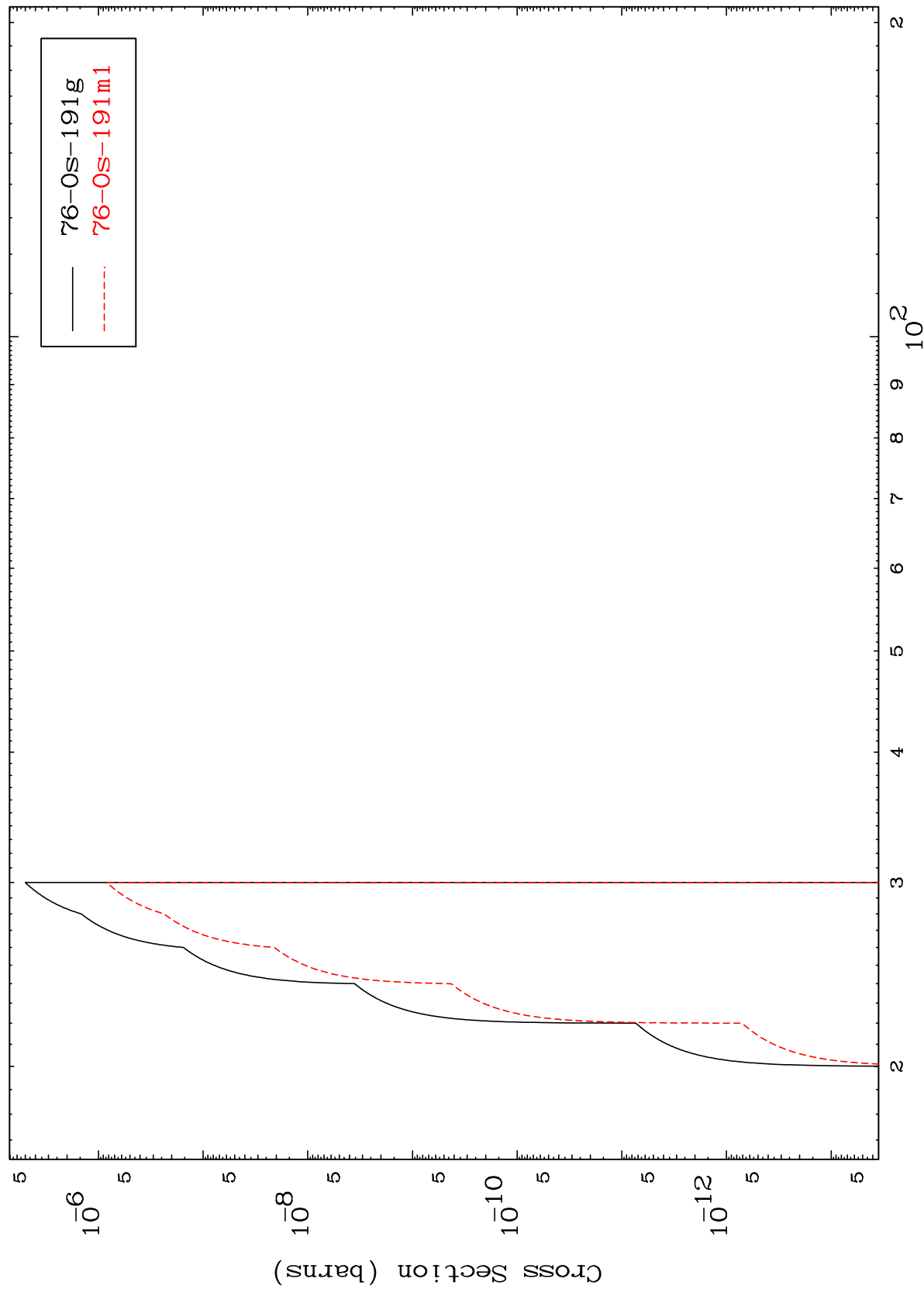
77-Ir-194

MAT 7735

(γ, n') d

77-Ir-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

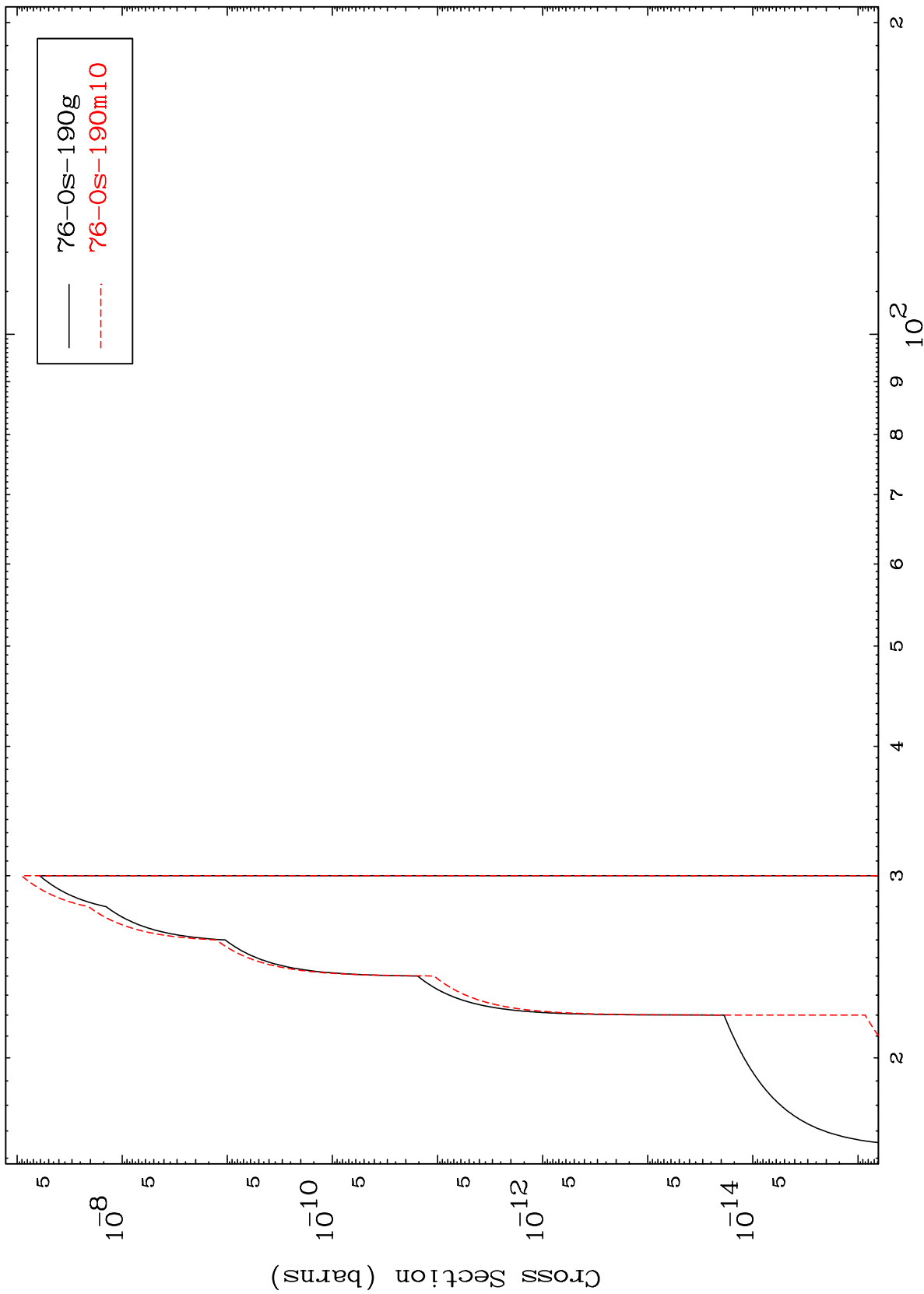
77-Ir-194

MAT 7735

(γ, n') t

77-Ir-194

Radionuclide Production Cross Section



16

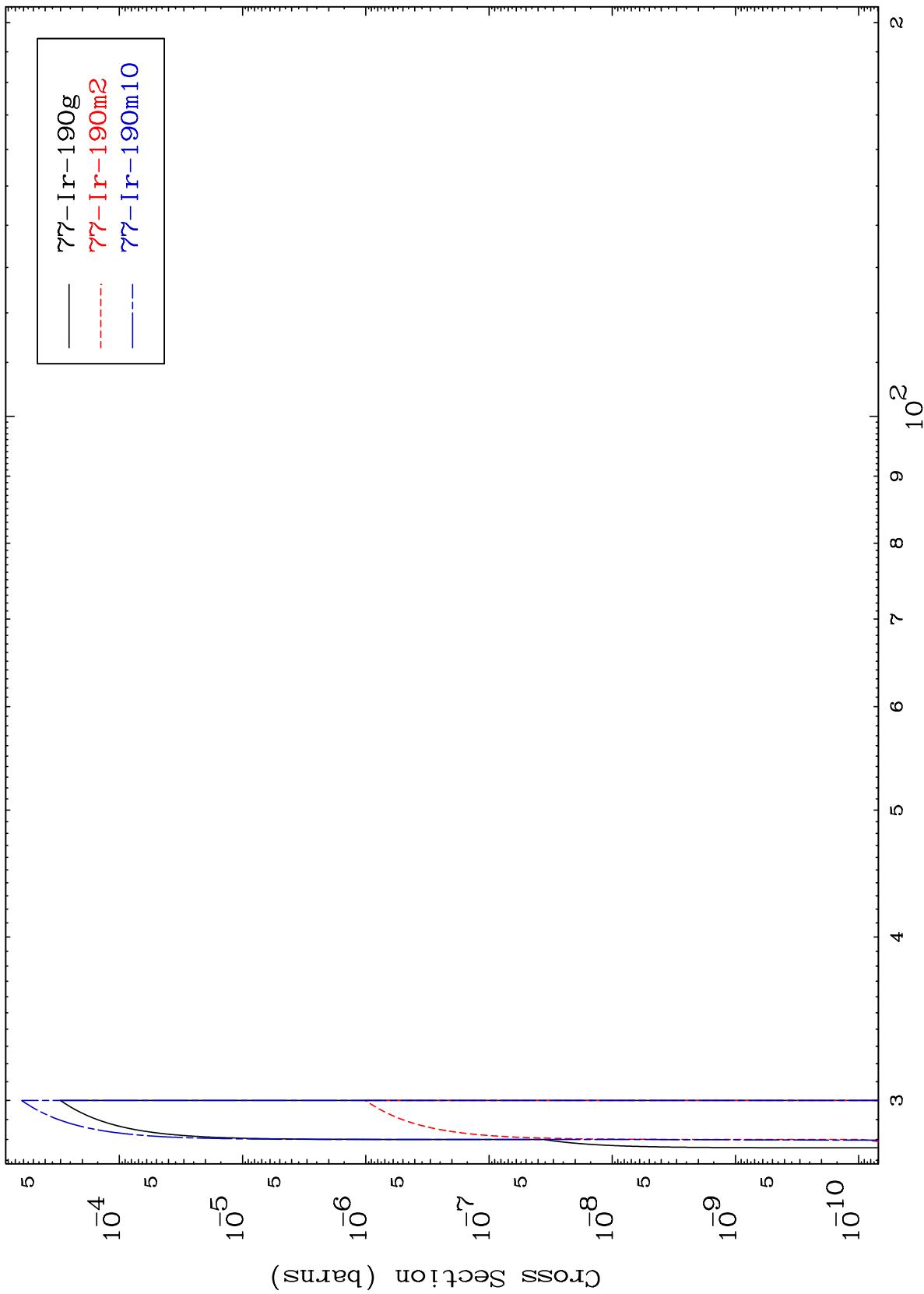
Incident Energy (MeV)

77-Ir-194

MAT 7735

77-Ir-194

($\gamma, 4n$)
Radionuclide Production Cross Section



17

77-Ir-194

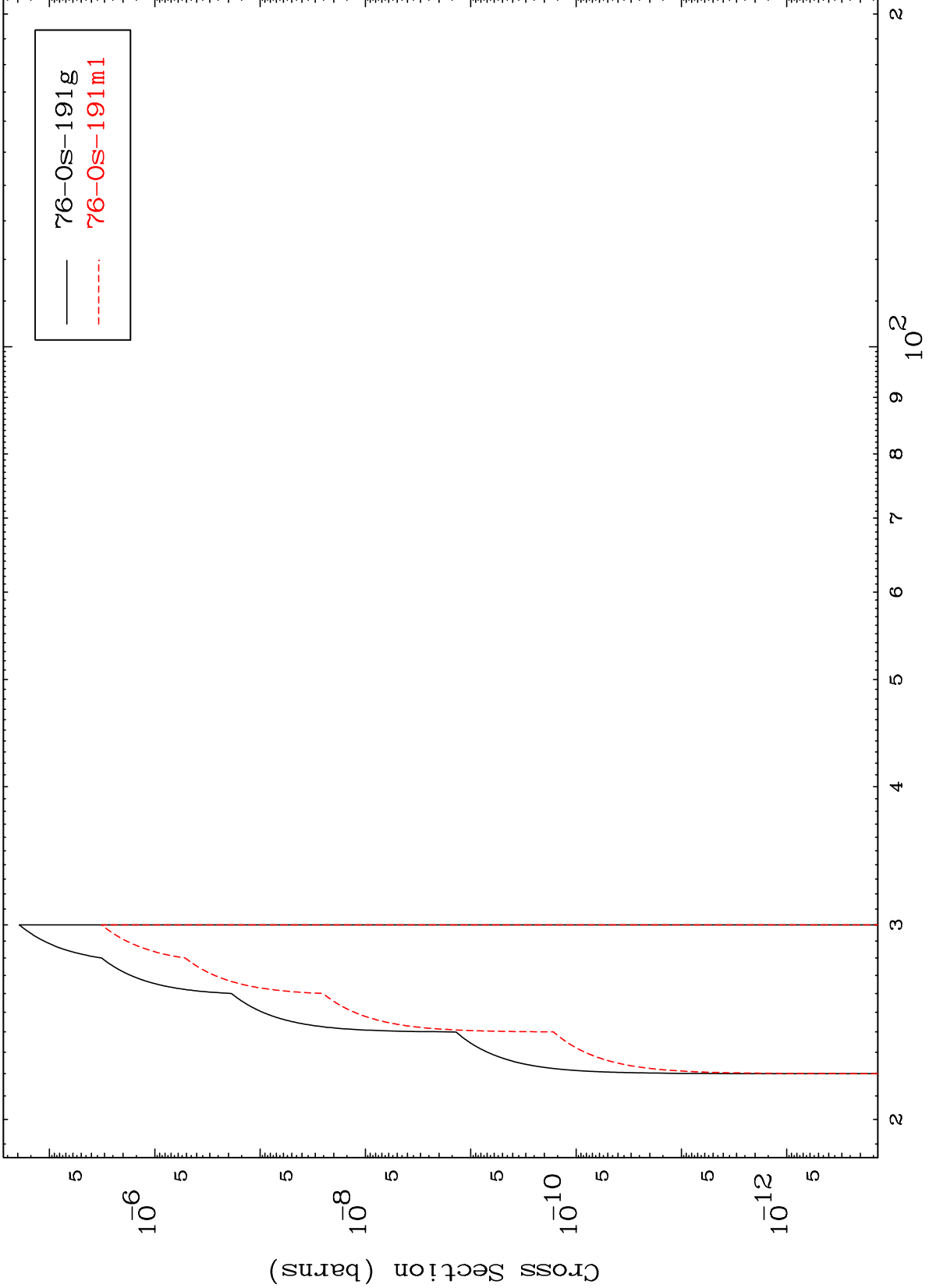
Incident Energy (MeV)

MAT 7735

$(\gamma, 2n)$ p

77-Ir-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

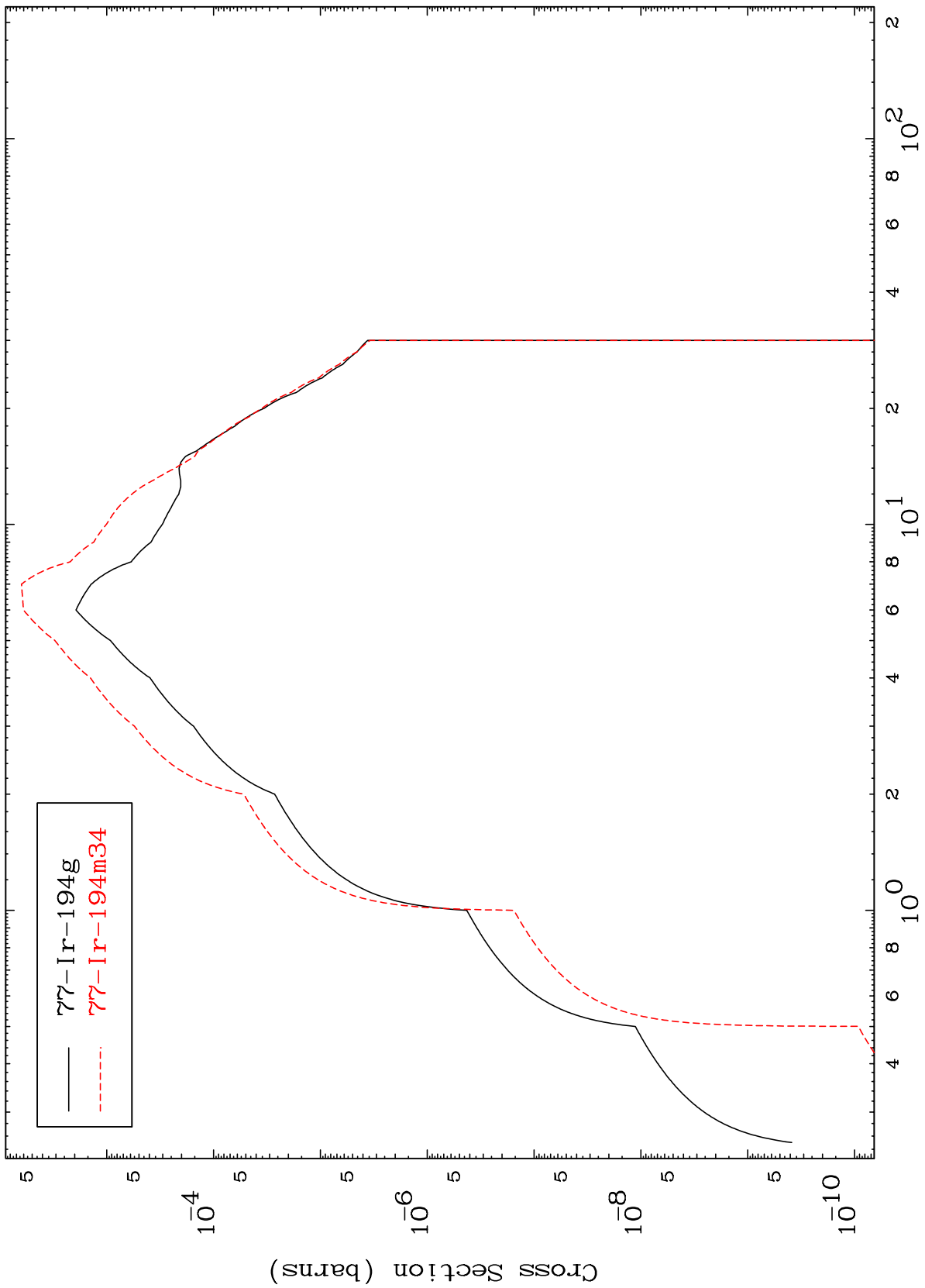
77-Ir-194

MAT 7735

⁷⁷Ir-194

Radionuclide Production Cross Section

(γ, γ)

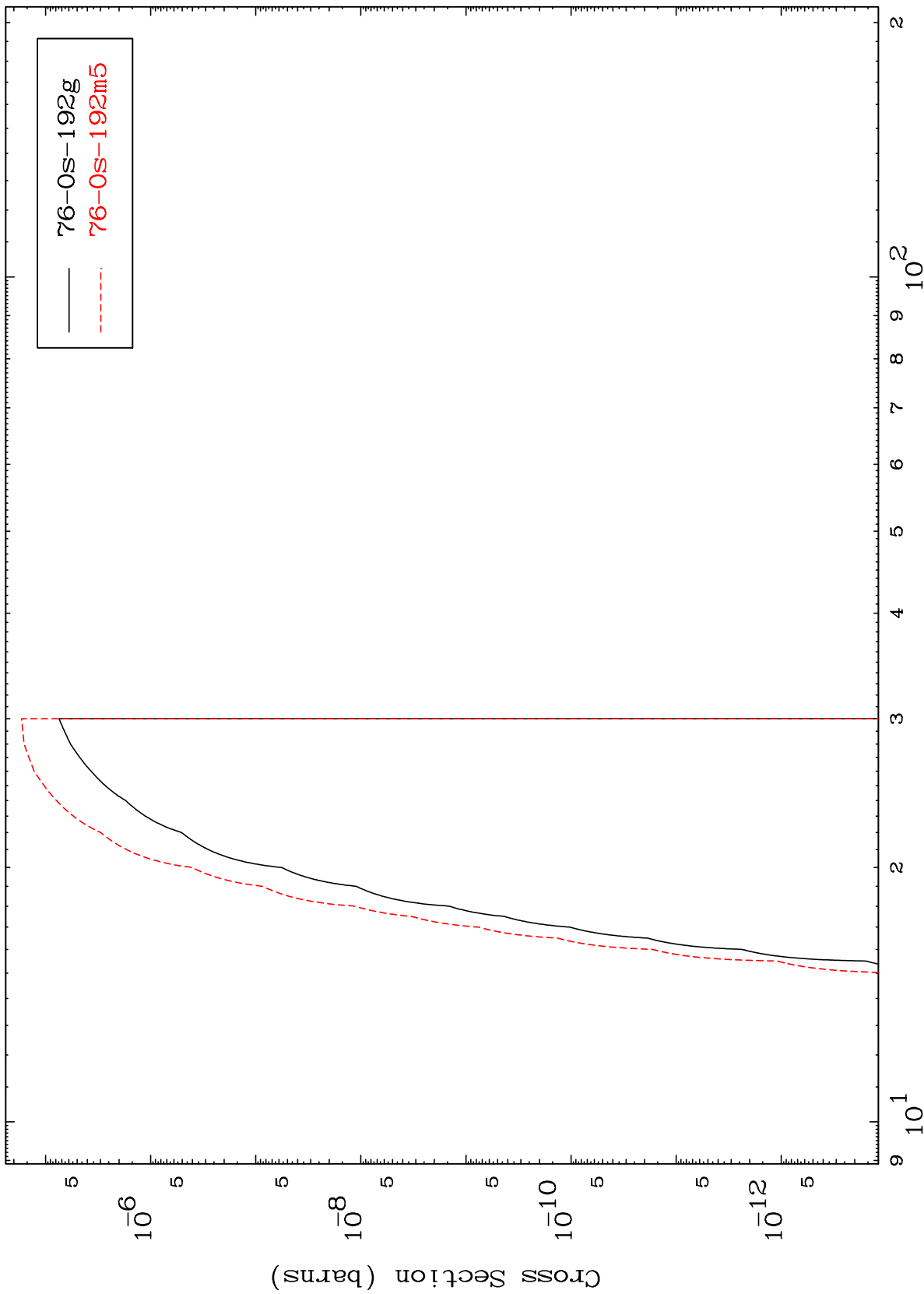


— 77-Ir-194g
- - - 77-Ir-194m34

MAT 7735

77-Ir-194

(γ, d)
Radionuclide Production Cross Section

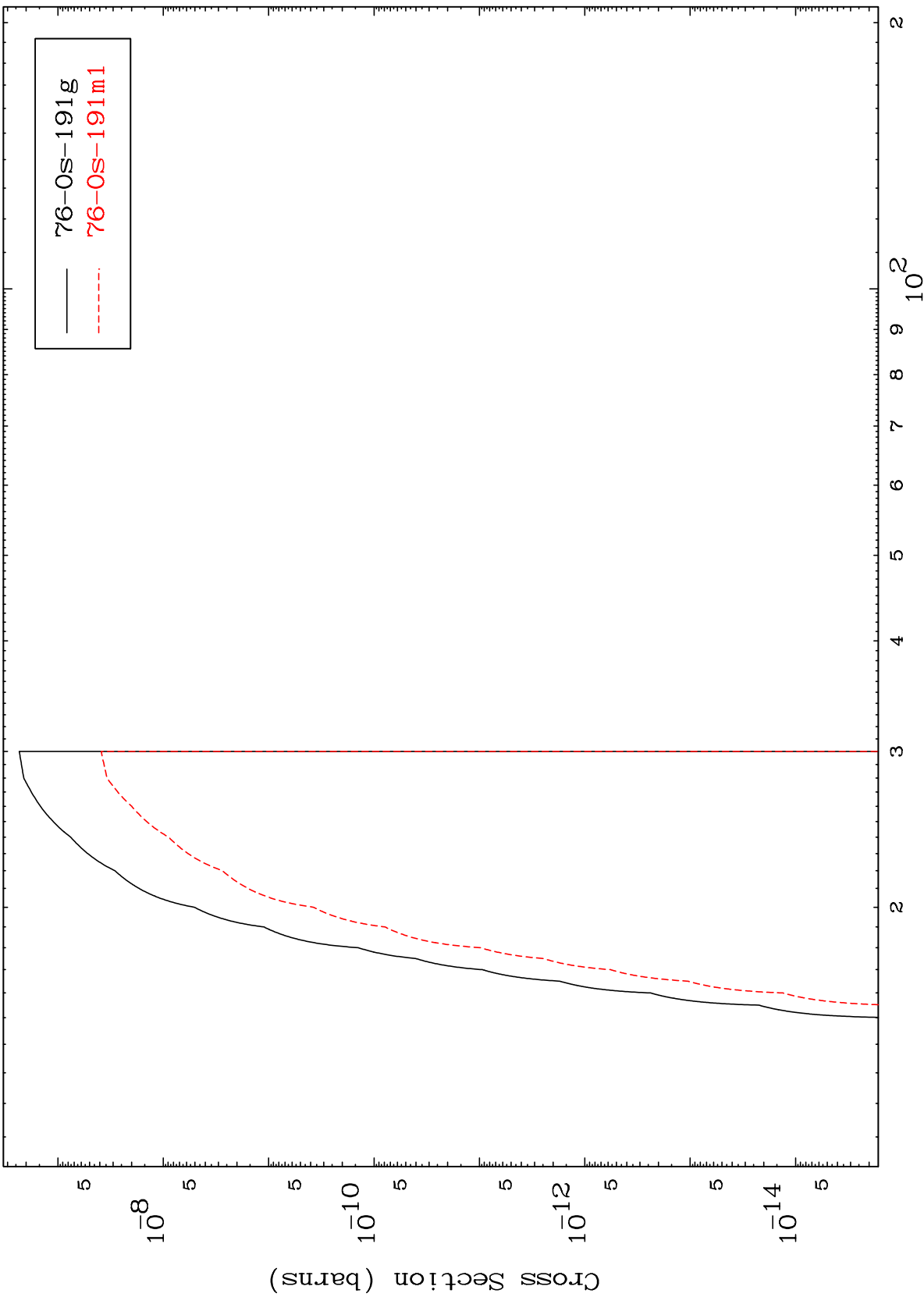


77-Ir-194

Incident Energy (MeV)

20

(γ, t)
Radionuclide Production Cross Section



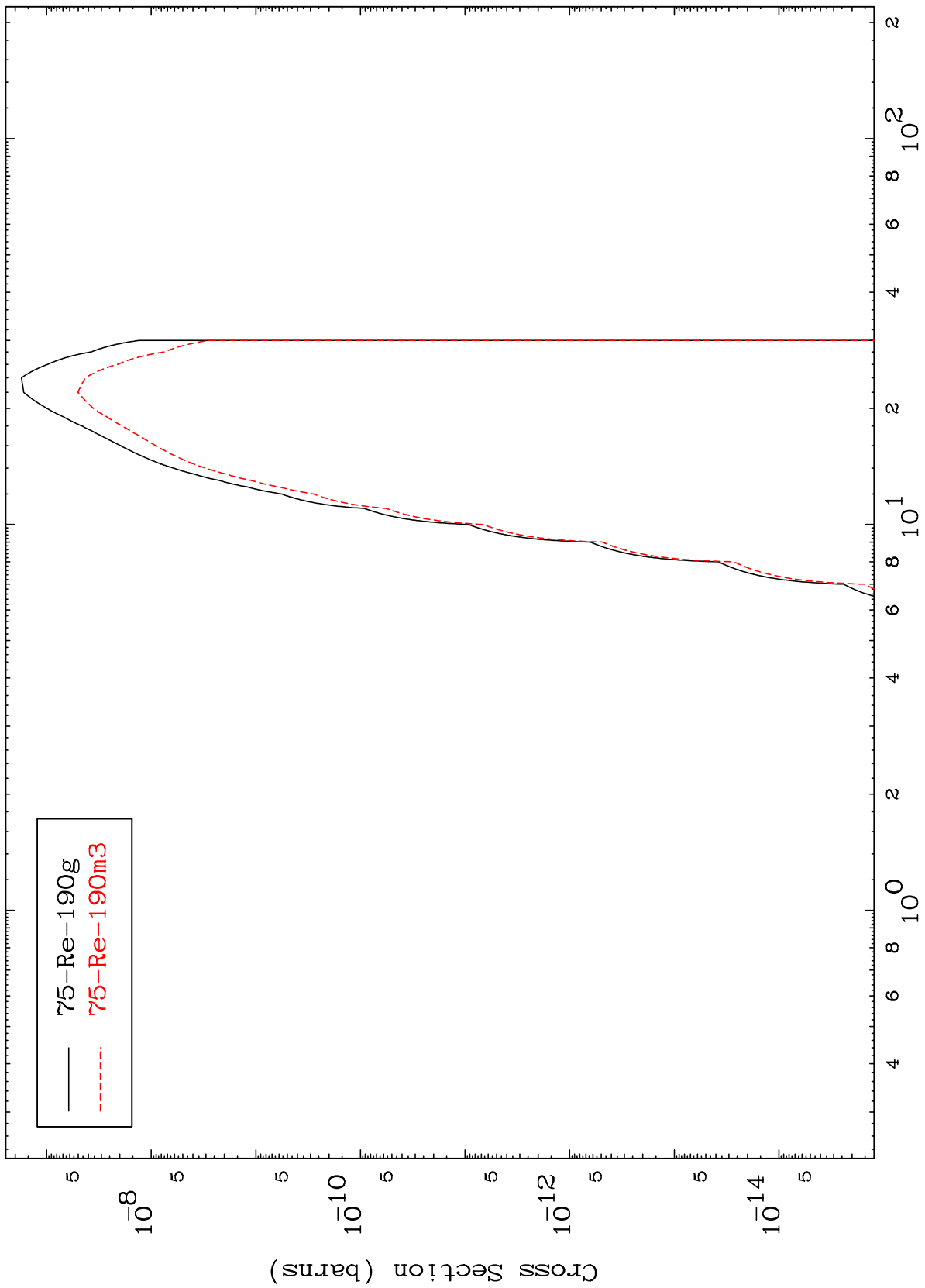
76-Os-191g
76-Os-191m1

MAT 7735

(γ, α)

⁷⁷Ir-194

Radionuclide Production Cross Section



— 75-Re-190g
- - - 75-Re-190m3