

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

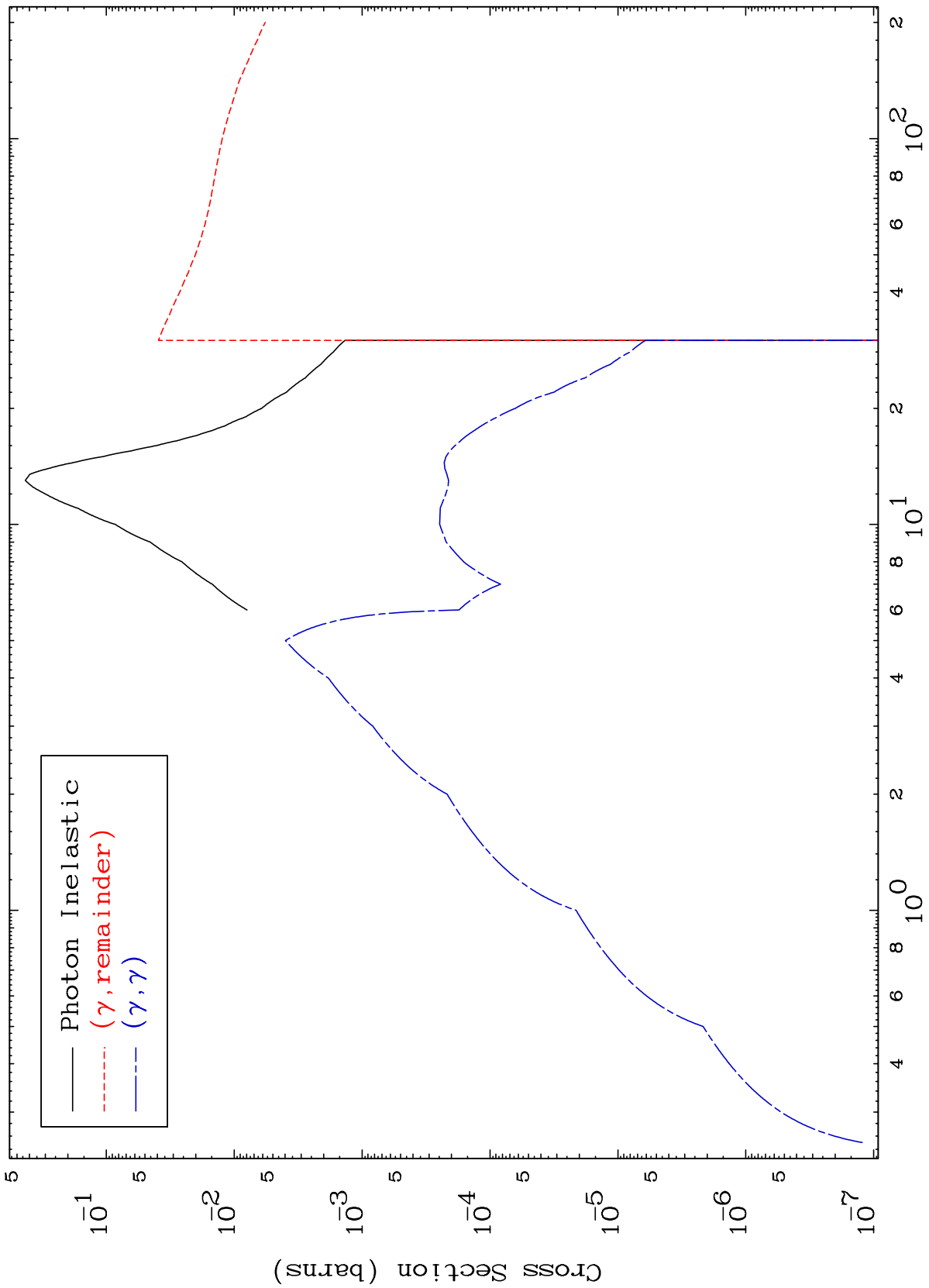
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7740

Photon Major
0 Kelvin Cross Sections

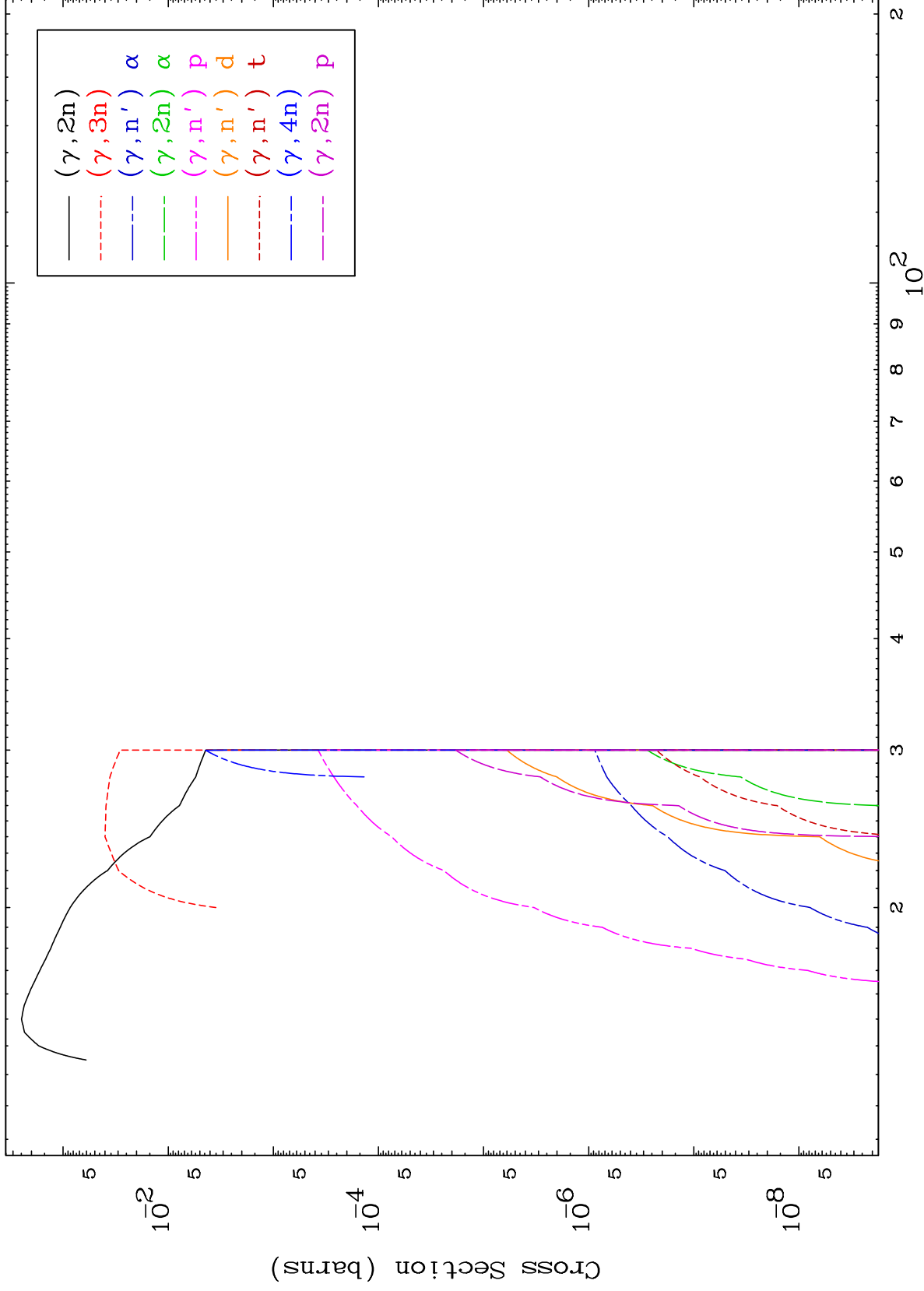
77-Ir-196

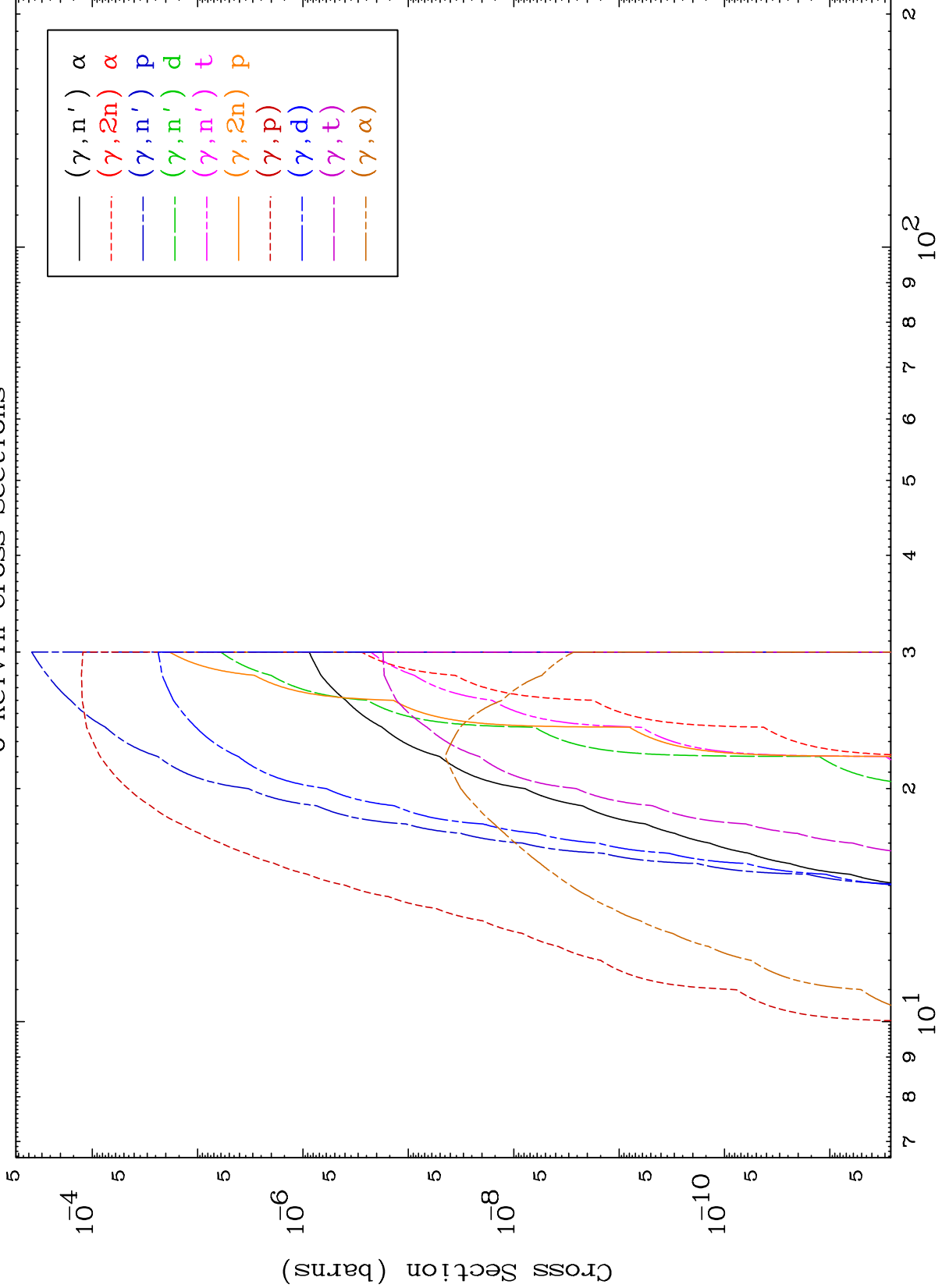


1

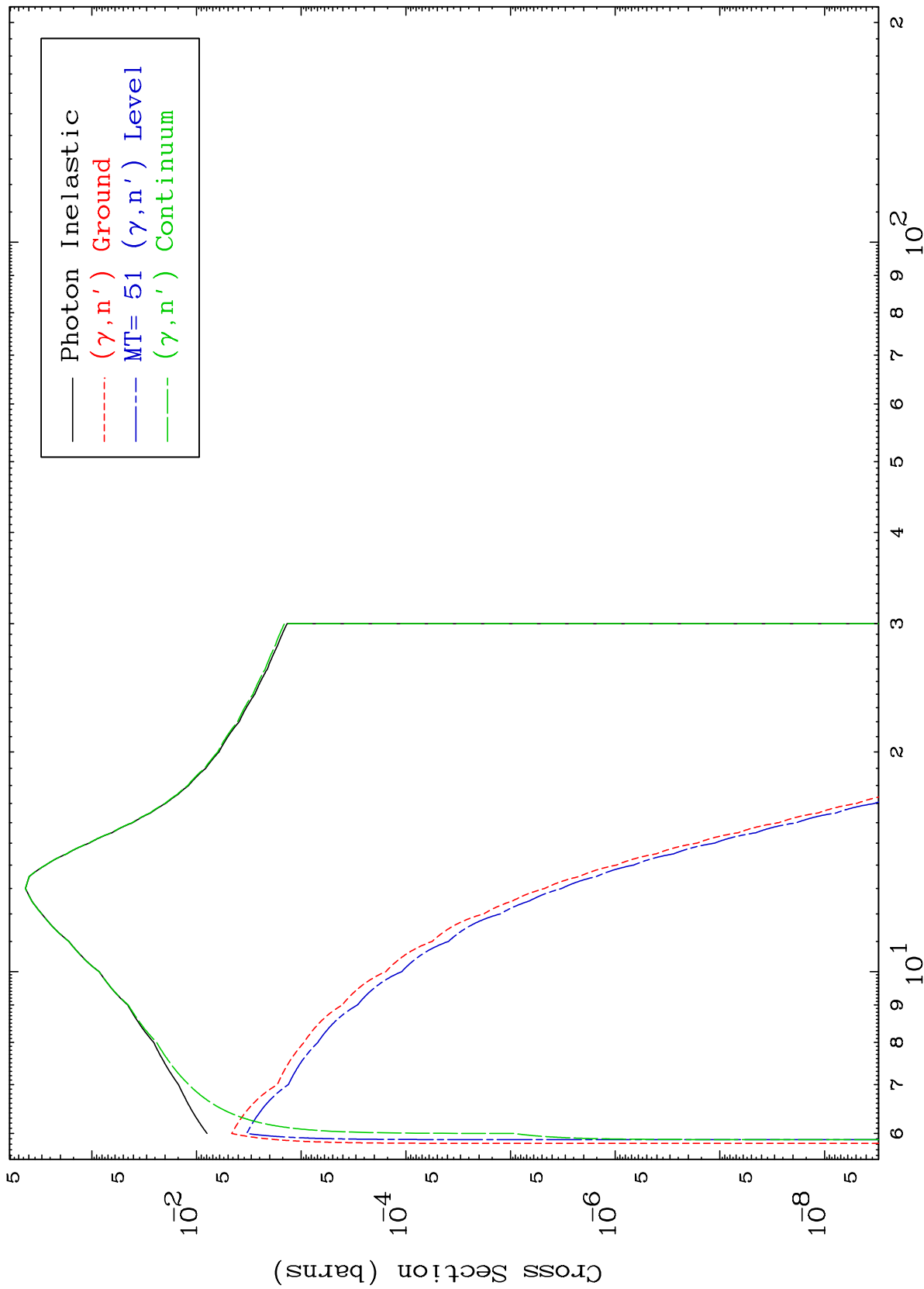
Incident Energy (MeV)

77-Ir-196





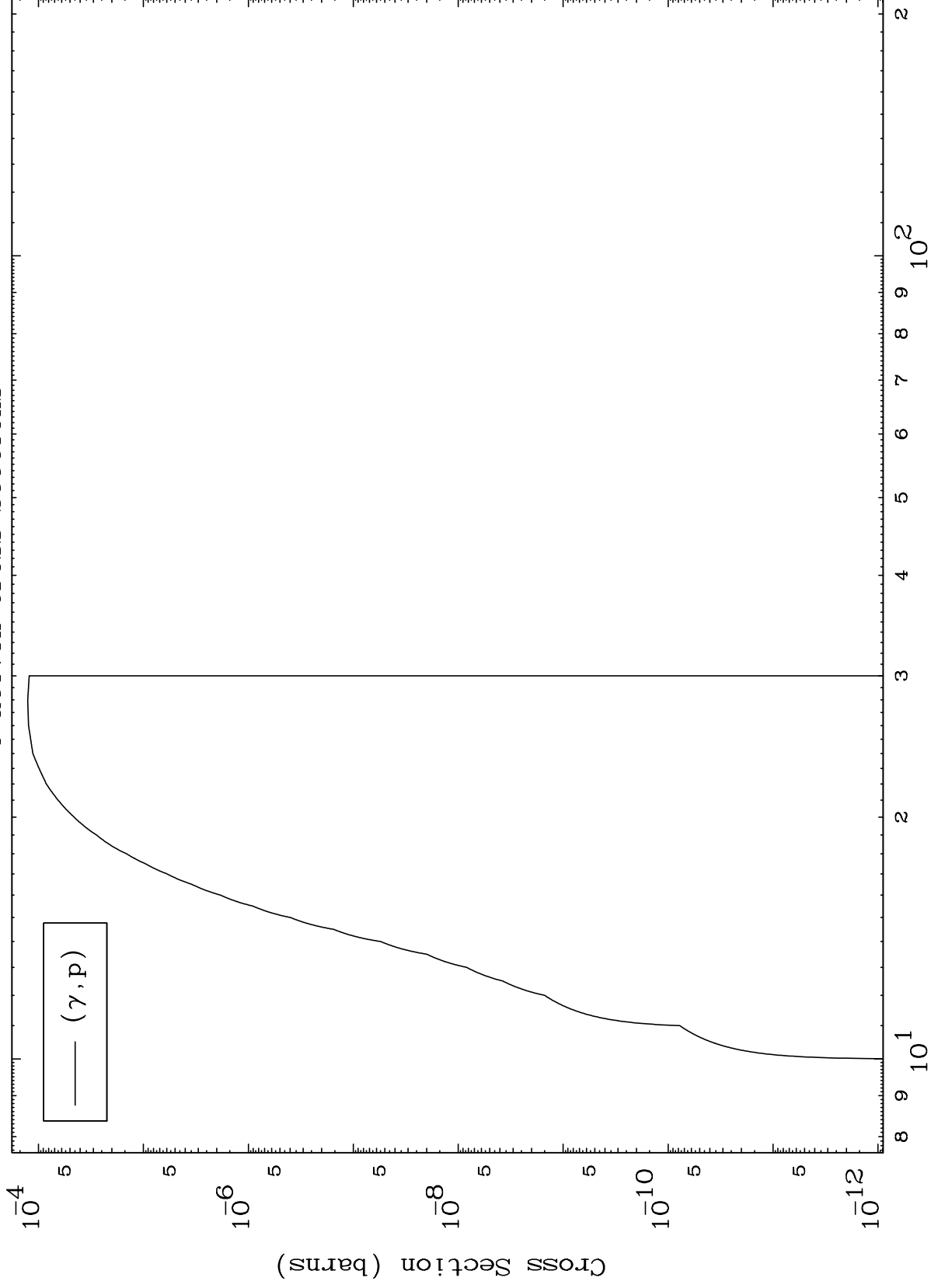
0 Kelvin Cross Sections



MAT 7740

(γ, p) Levels
0 Kelvin Cross Sections

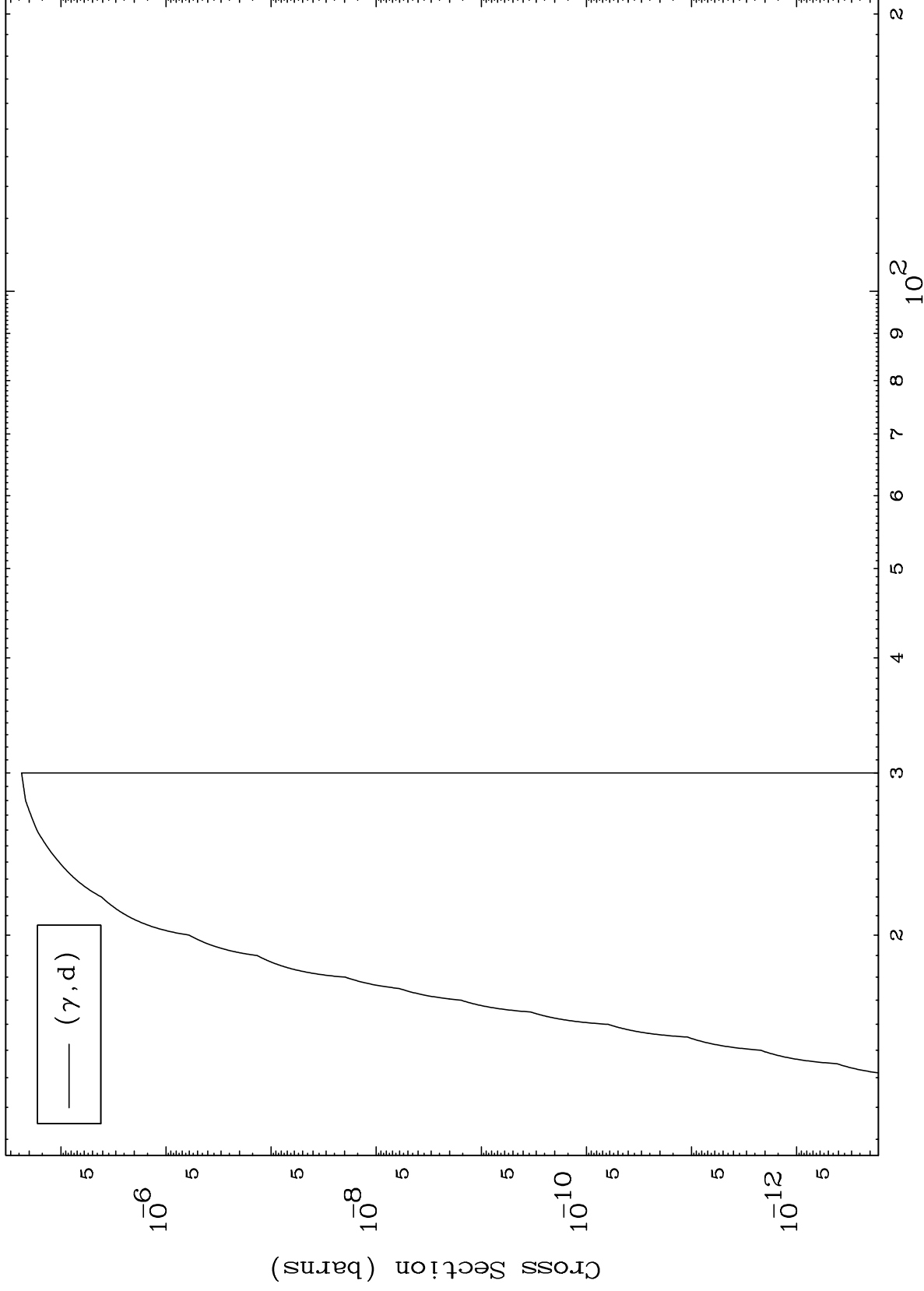
77-Ir-196

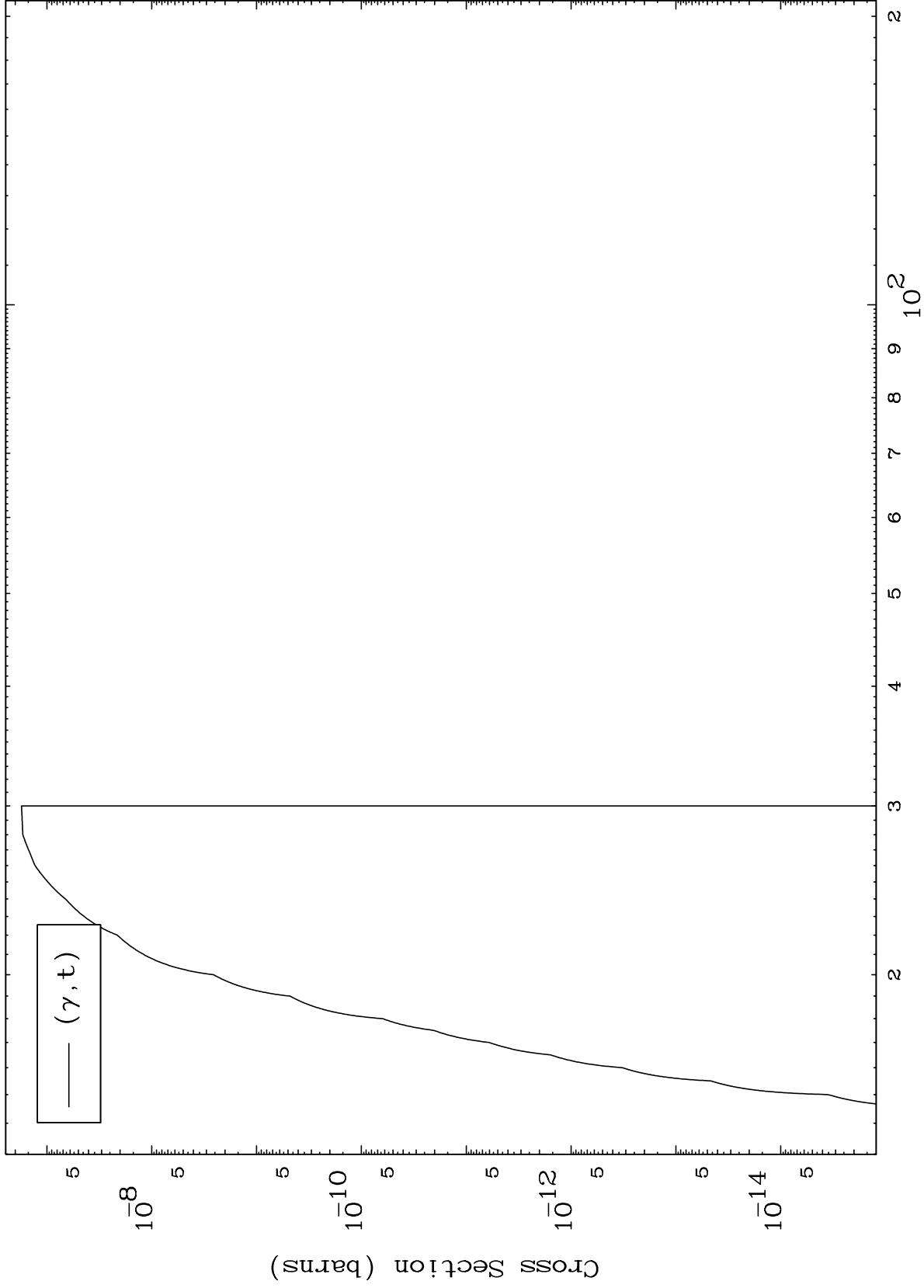


Incident Energy (MeV)

77-Ir-196

5

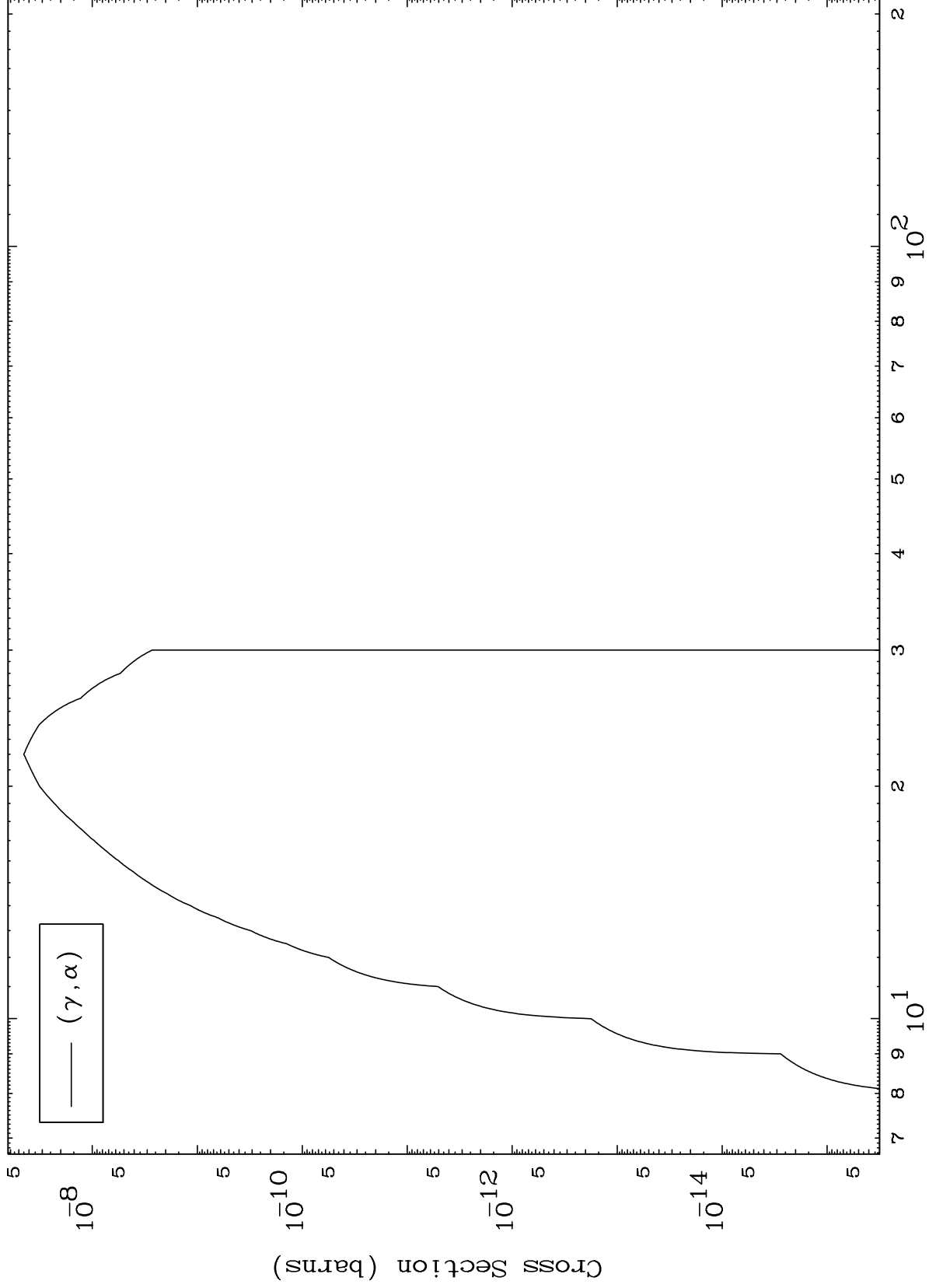




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(γ, α) Levels
0 Kelvin Cross Sections

77-Ir-196



8

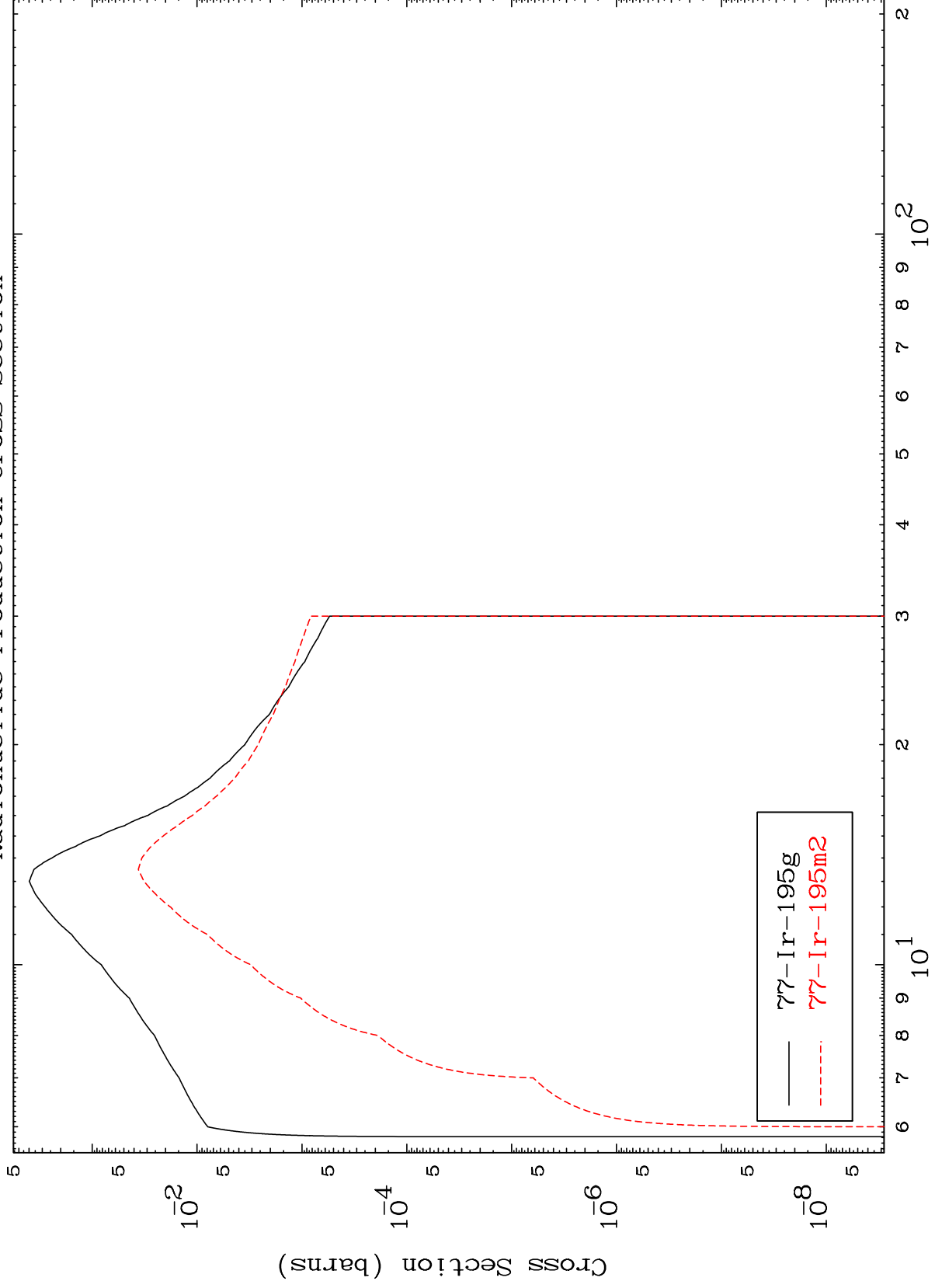
Incident Energy (MeV)

77-Ir-196

MAT 7740

Photon Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-196



9

Incident Energy (MeV)

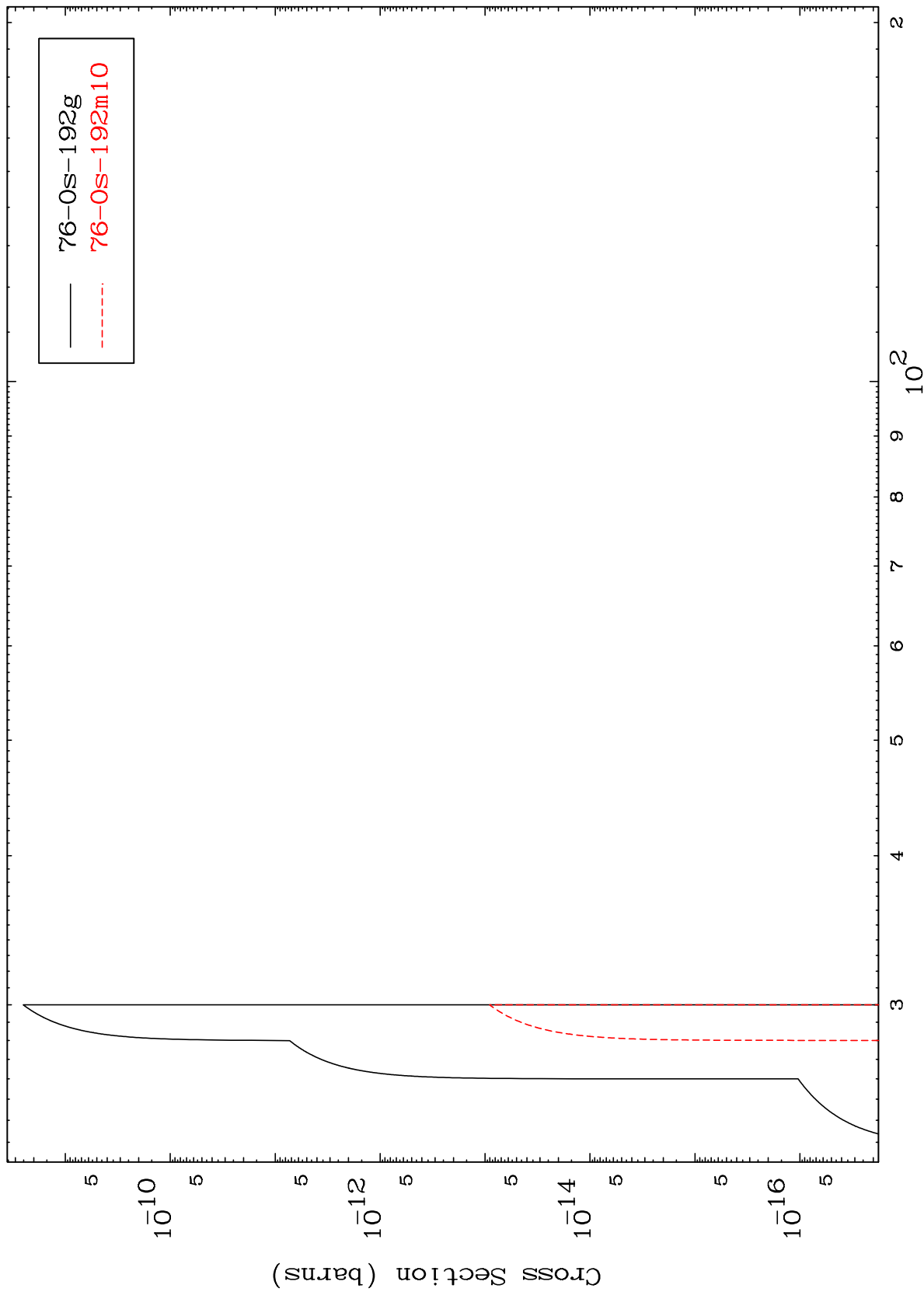
⁷⁷Ir-196

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($\gamma, 2n$) d

77-Ir-196

Radionuclide Production Cross Section



10

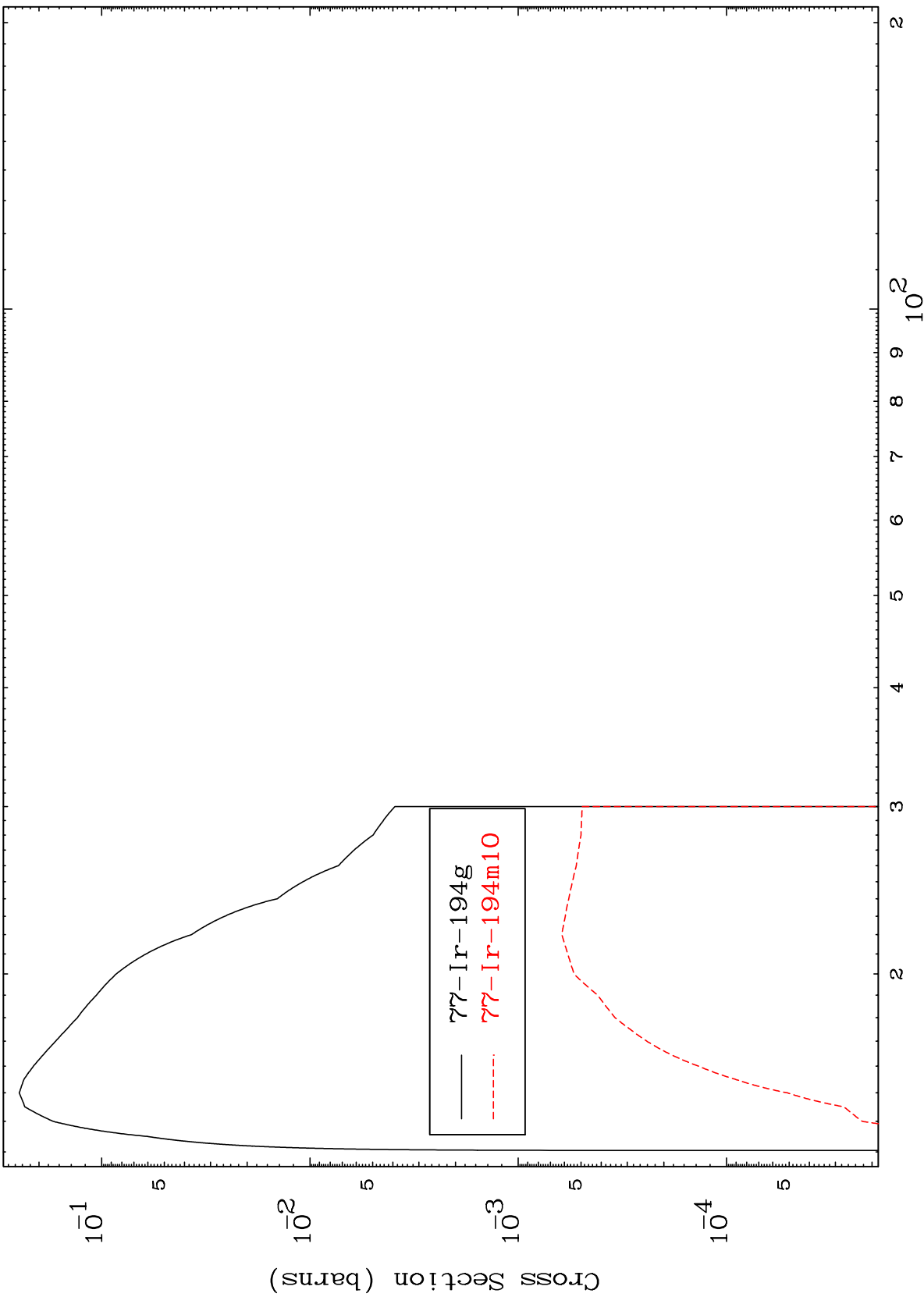
Incident Energy (MeV)

77-Ir-196

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77-Ir-196

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



11

Incident Energy (MeV)

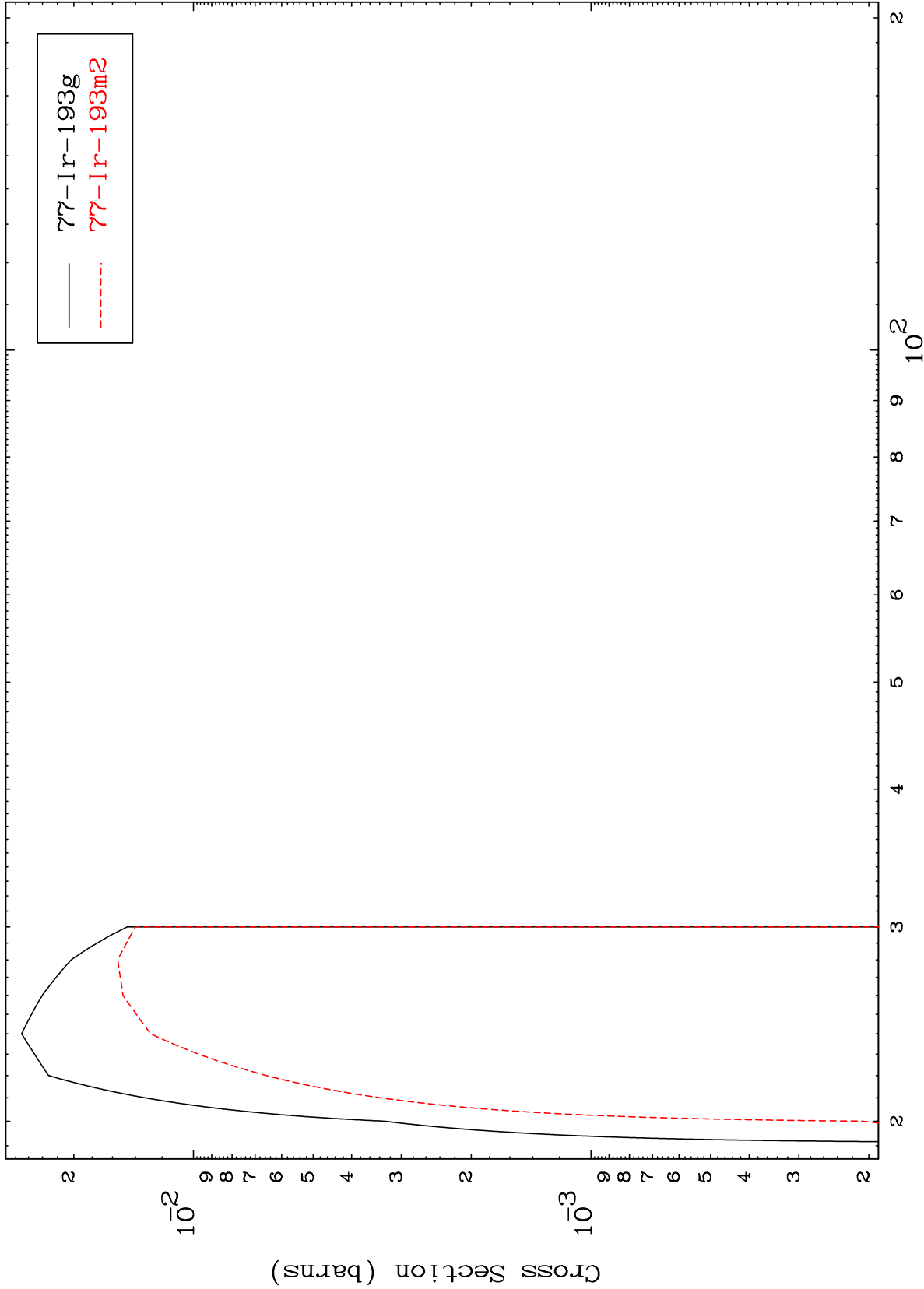
77-Ir-196

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($\gamma, 3n$)

⁷⁷Ir-196

Radionuclide Production Cross Section



12

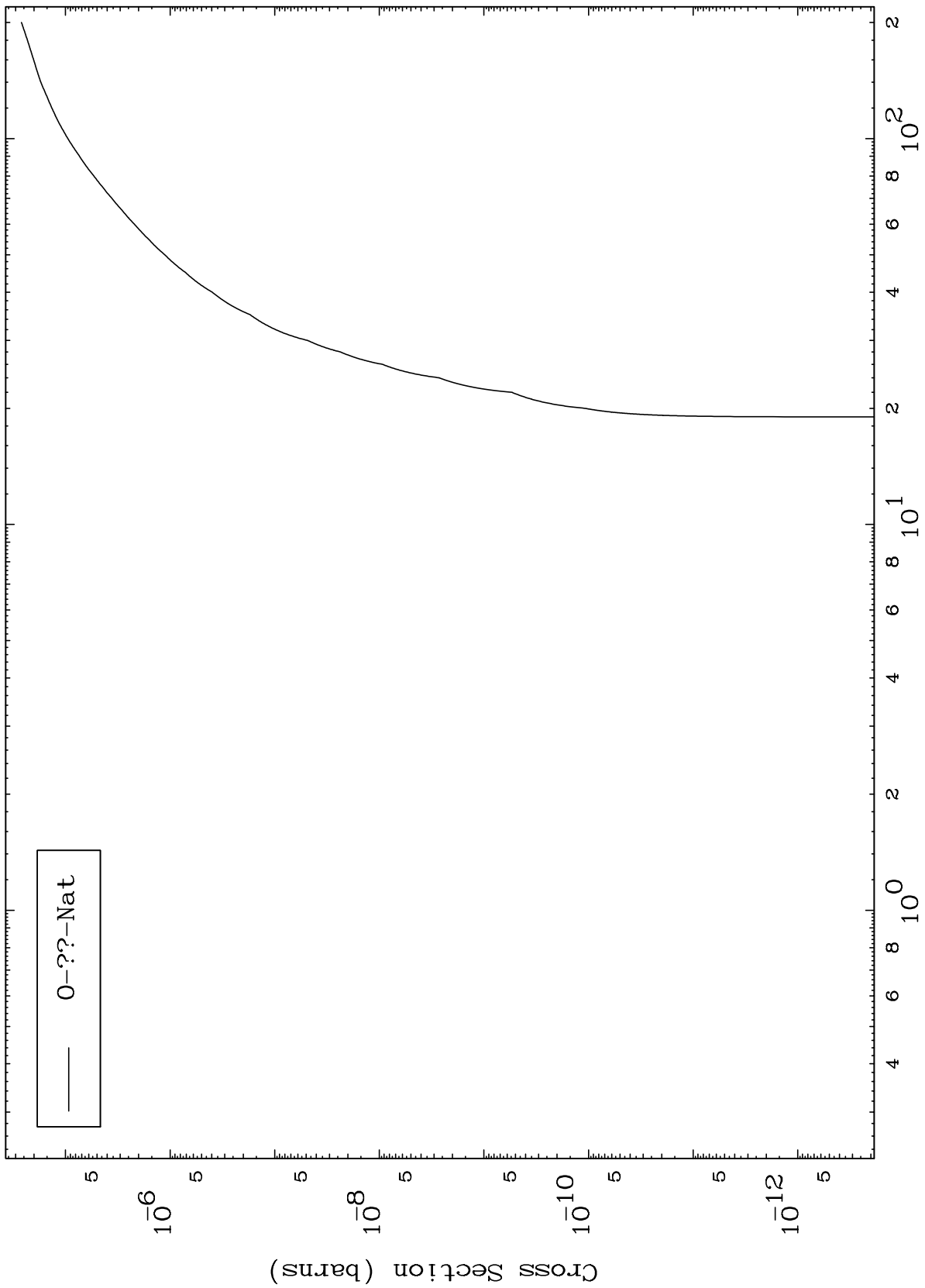
Incident Energy (MeV)

⁷⁷Ir-196

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Photon Fission
Radionuclide Production Cross Section

77-Ir-196

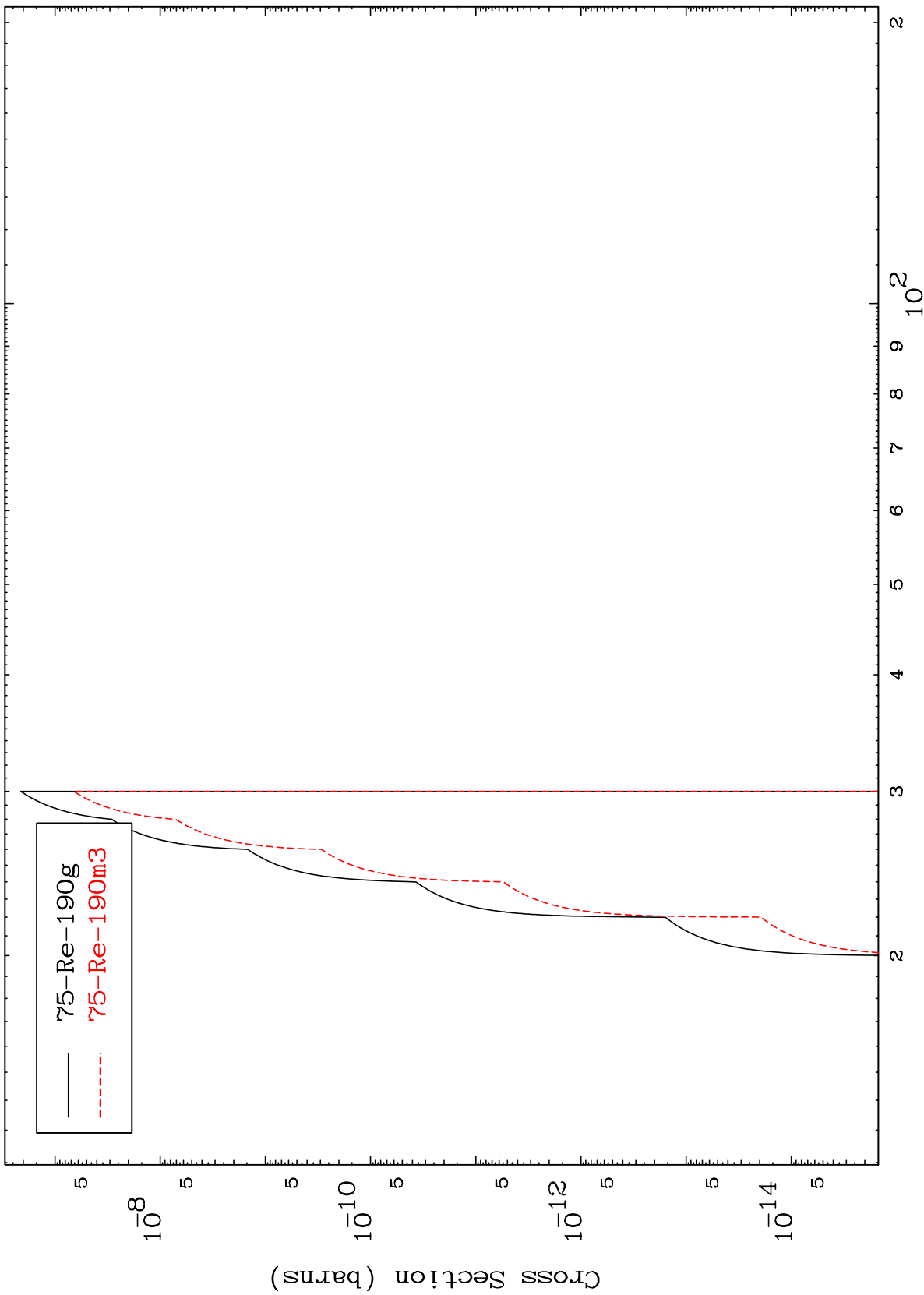


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($\gamma, 2n$) α

77-Ir-196

Radionuclide Production Cross Section

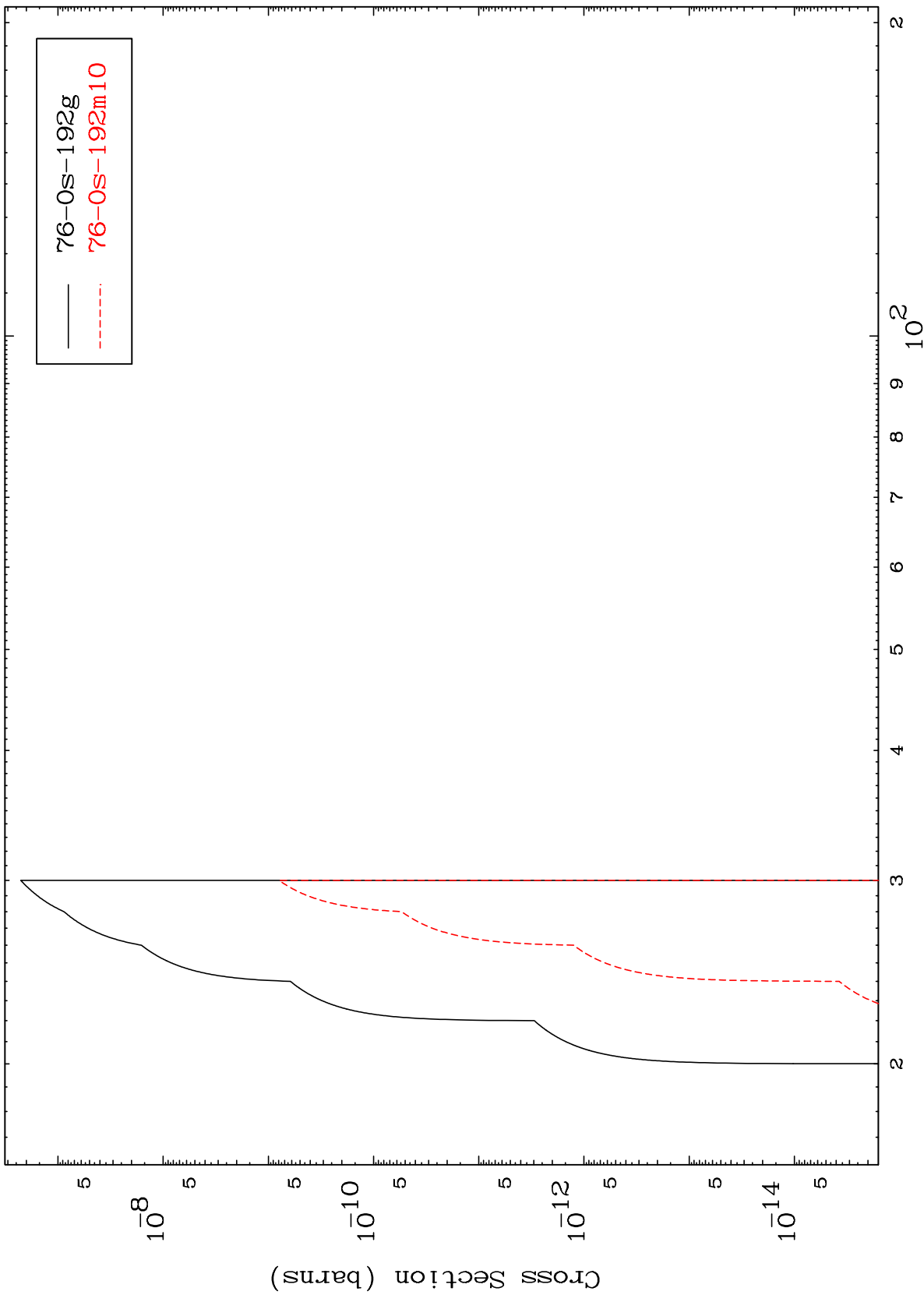


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(γ, n') t

77-Ir-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

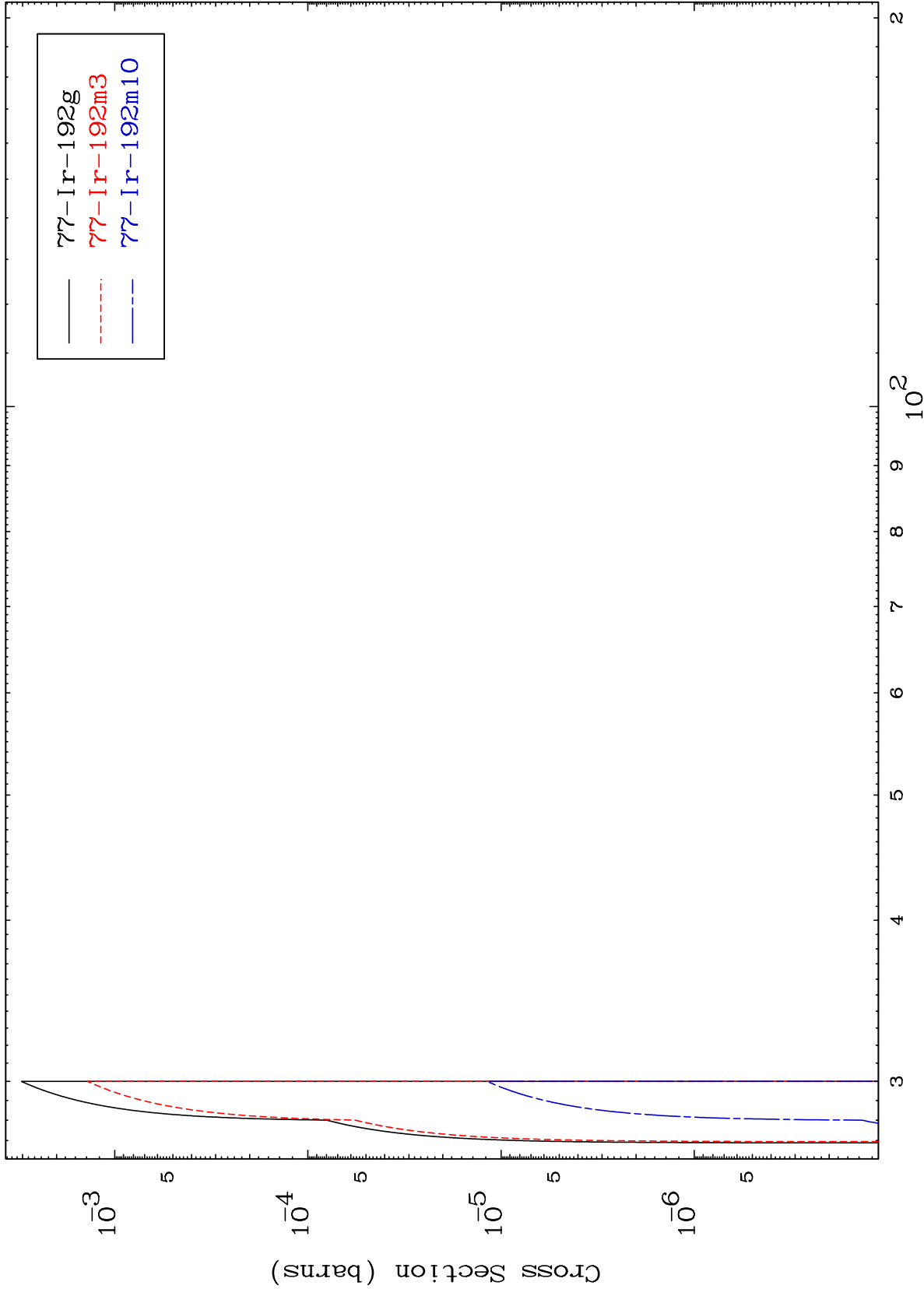
77-Ir-196

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($\gamma, 4n$)

77-Ir-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

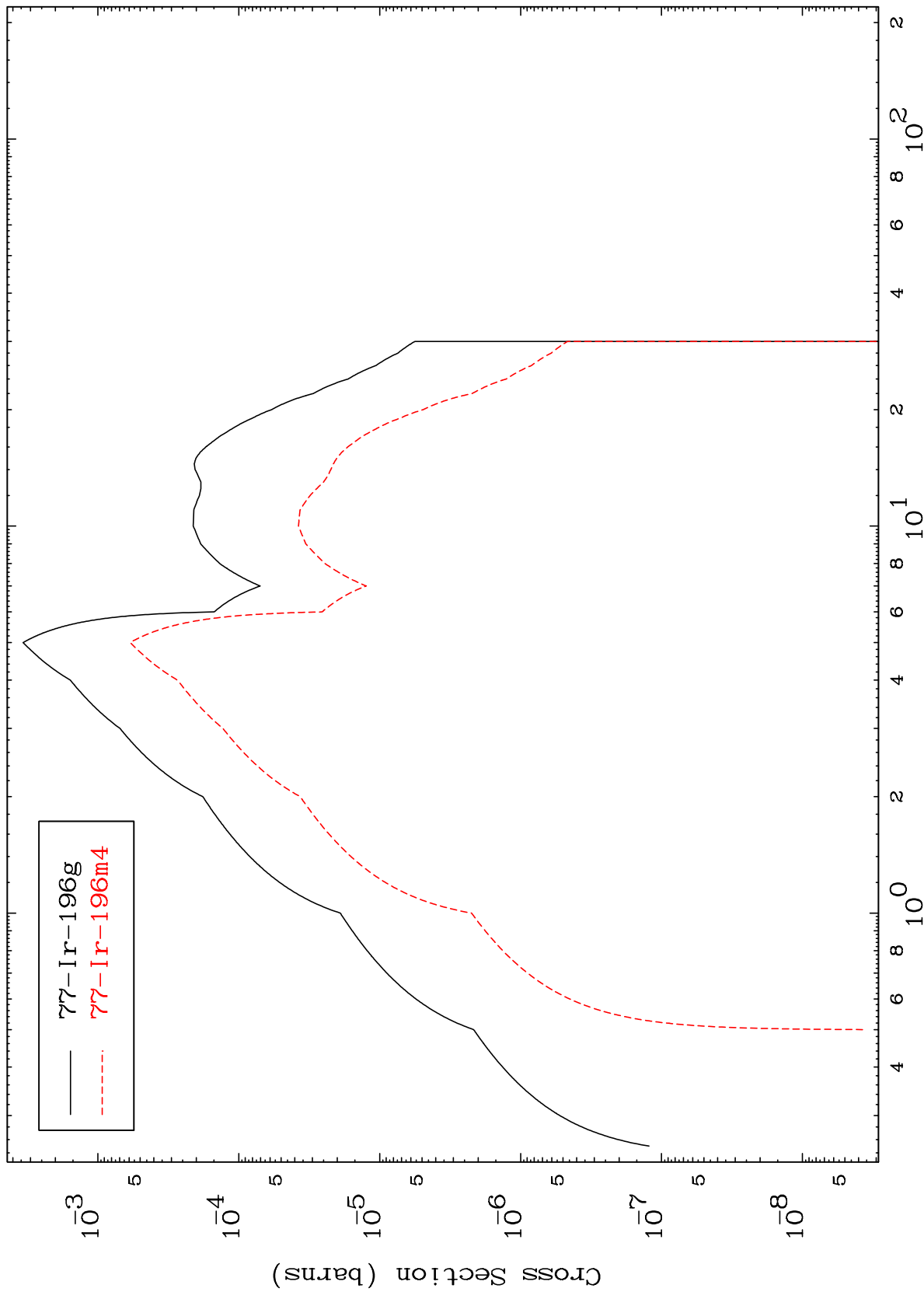
77-Ir-196

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⁷⁷Ir-196

Radionuclide Production Cross Section

(γ, γ)



Legend:
— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

⁷⁷Ir-196

Incident Energy (MeV)

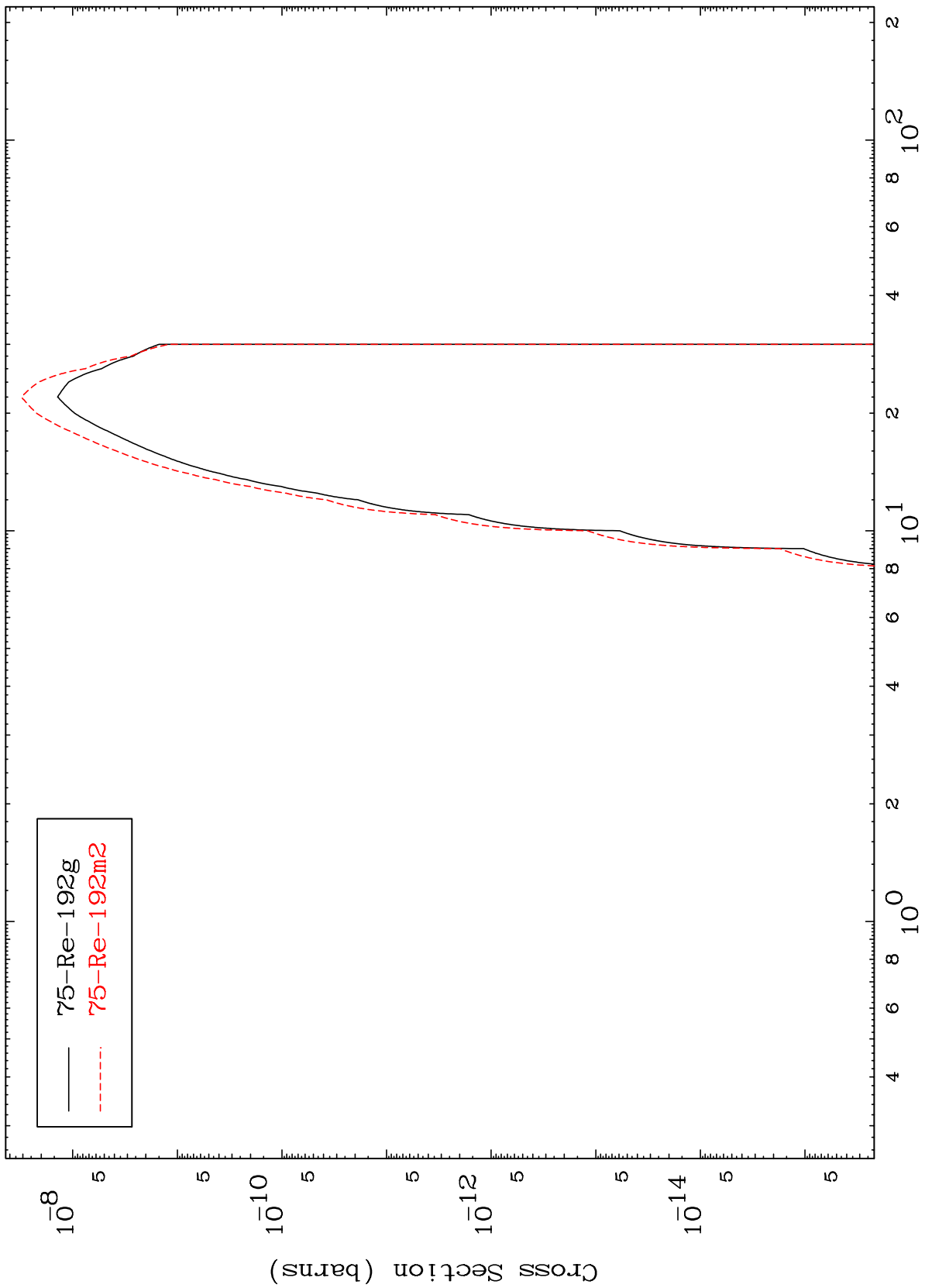
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(γ, α)

77-Ir-196

Radionuclide Production Cross Section



75-Re-192g
75-Re-192m2