

Program EVALPLOT
(Version 2018-1)

by

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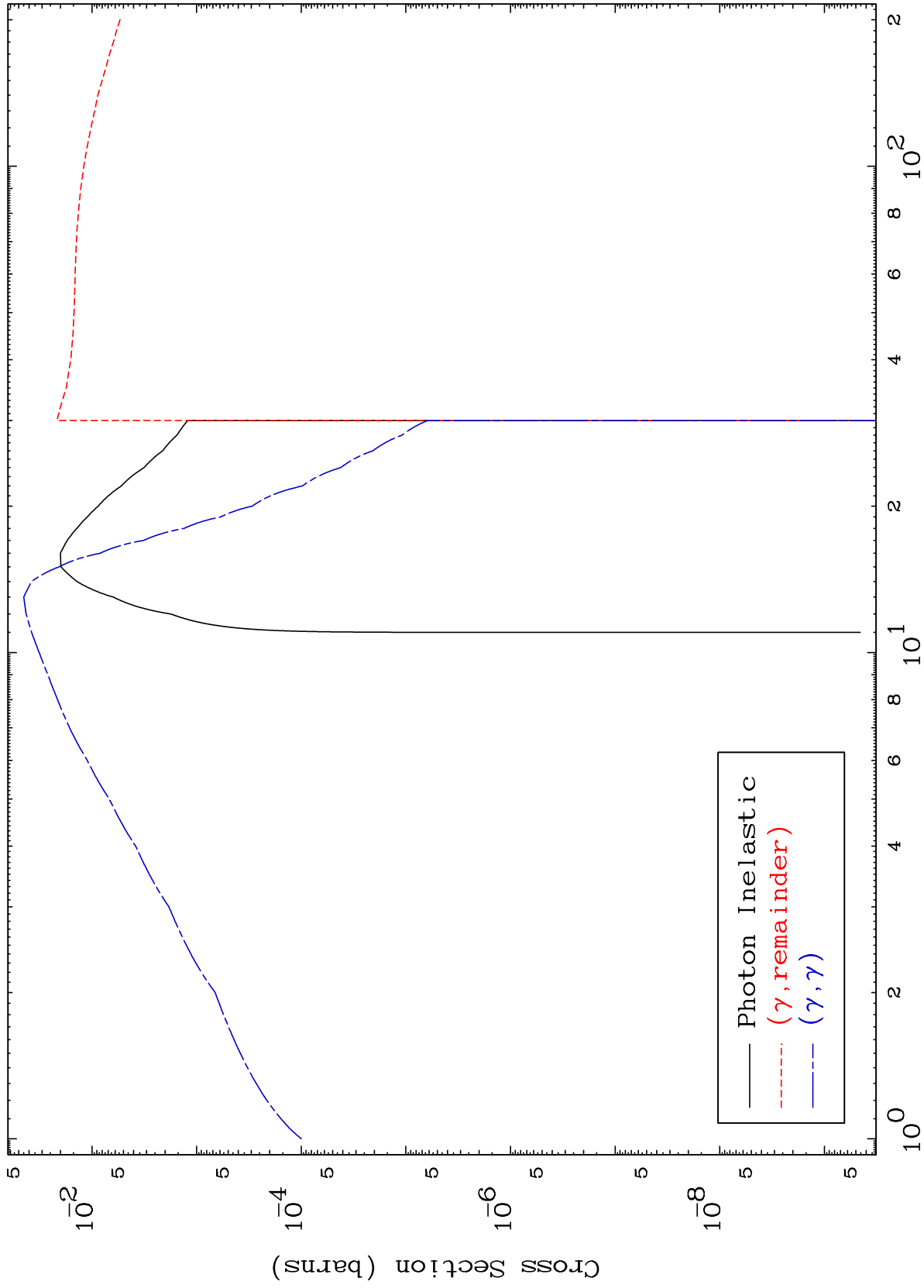
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

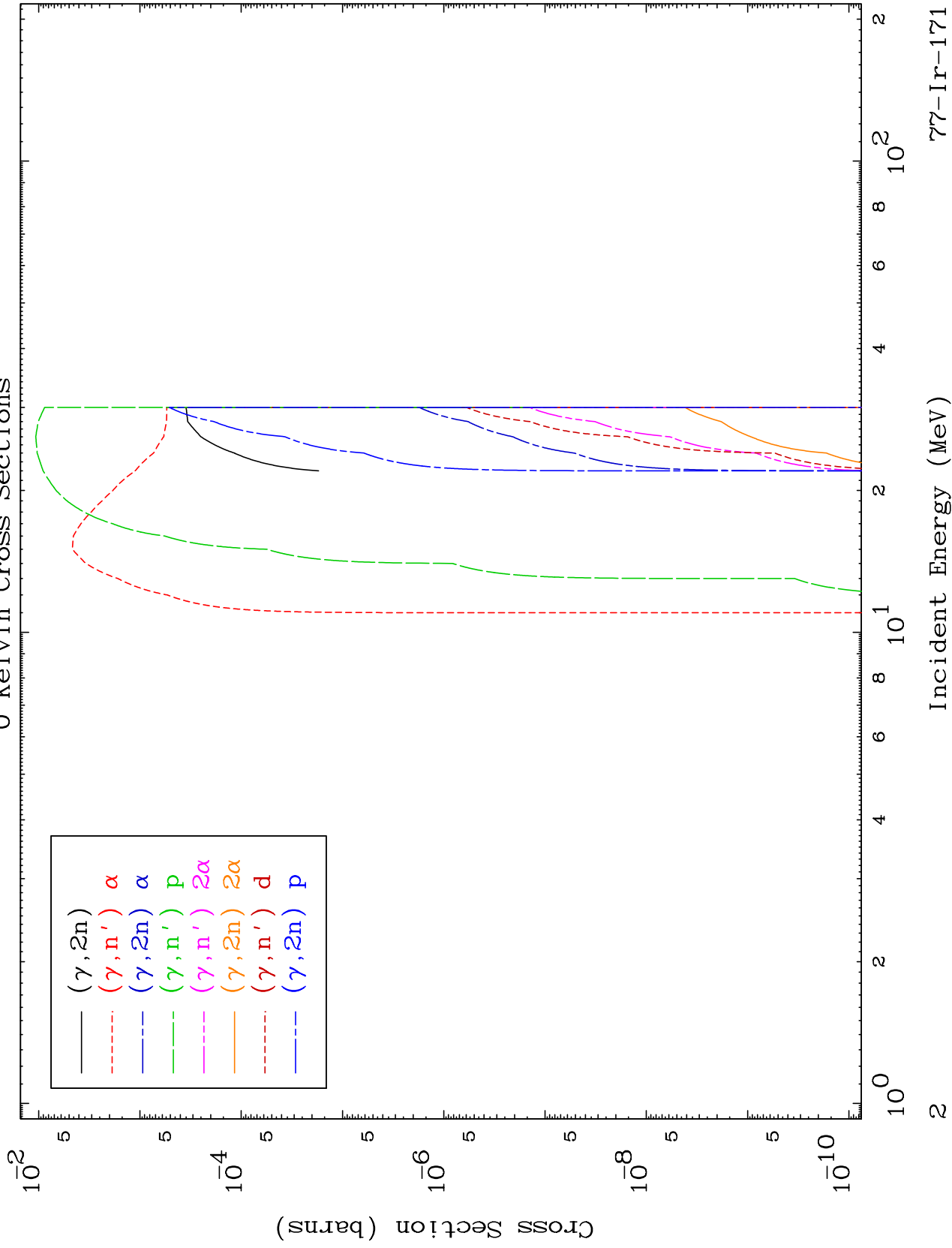
Press Mouse Button to Start

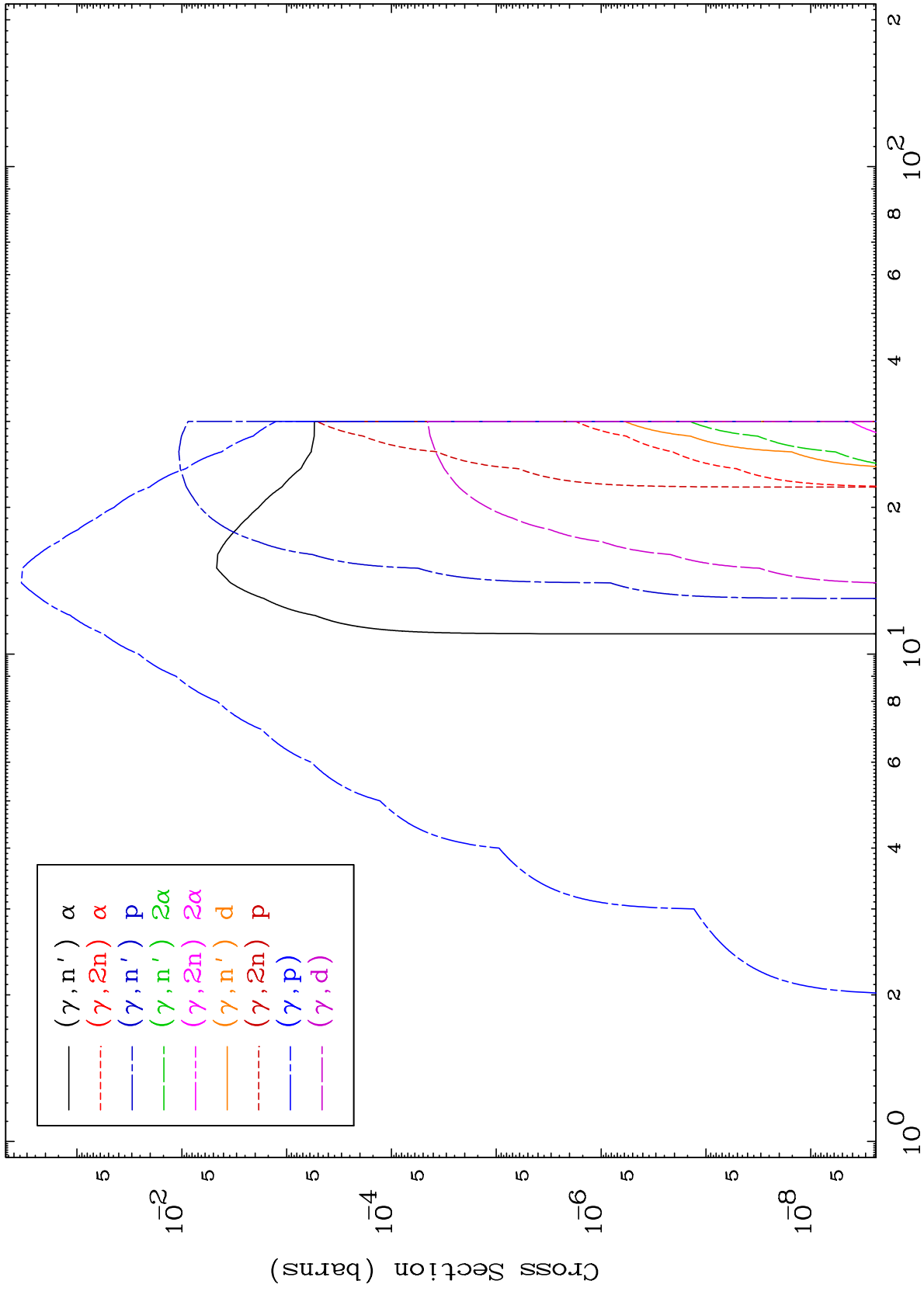
MAT 7666

Photon Major
0 Kelvin Cross Sections

77-Ir-171



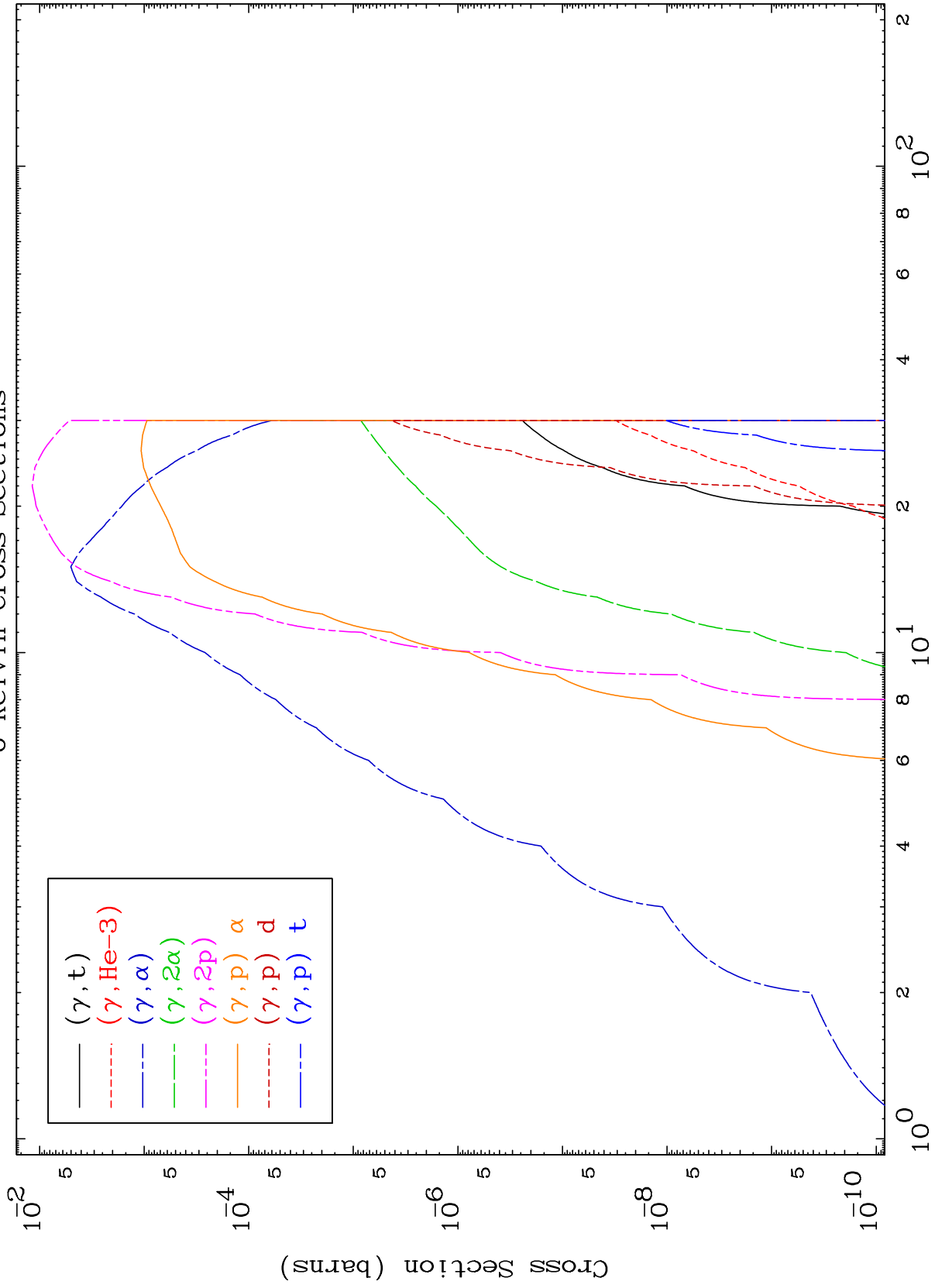




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Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-171



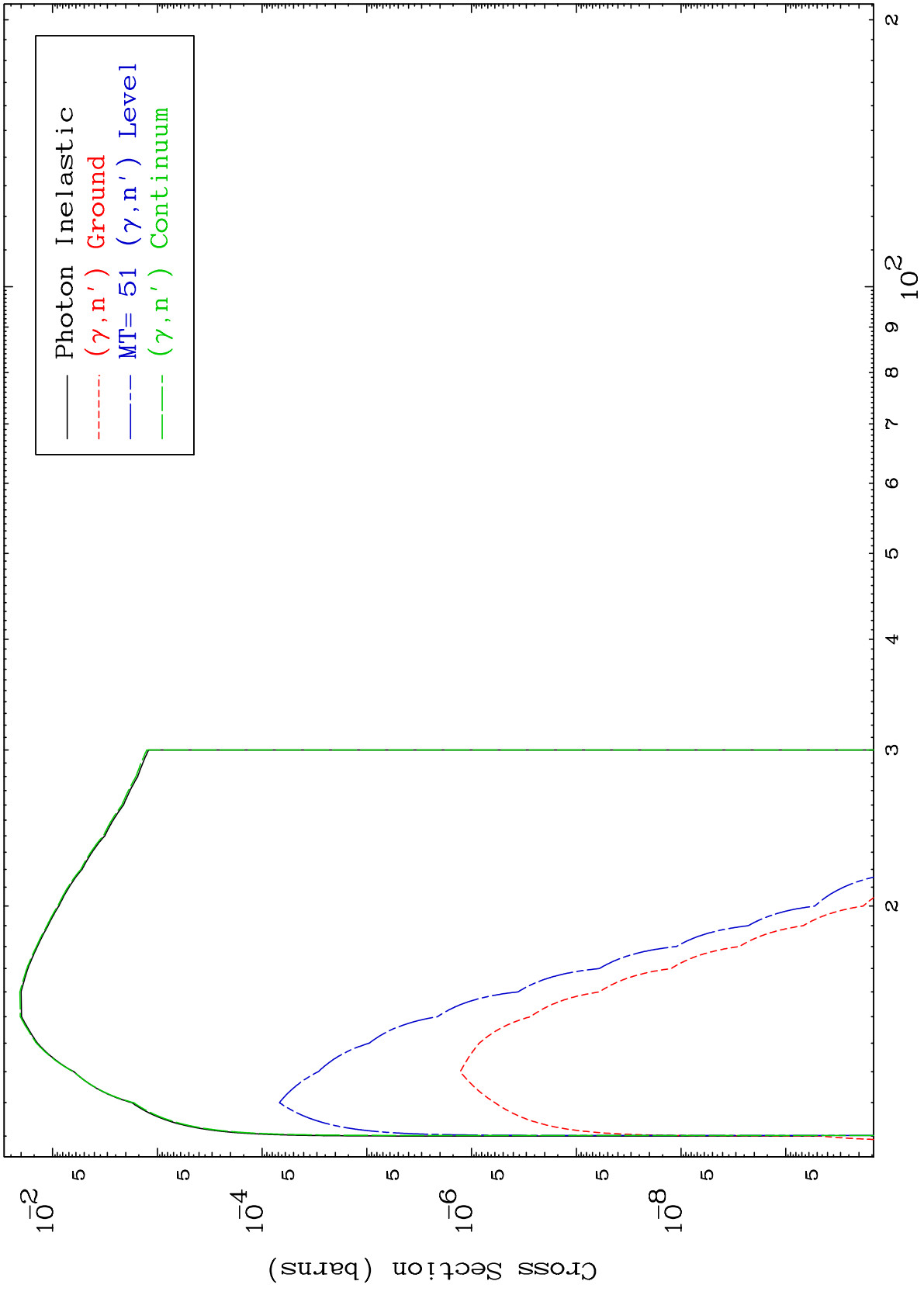
Incident Energy (MeV)

77-Ir-171

MAT 7666

(γ, n') Level
0 Kelvin Cross Sections

77-Ir-171



5

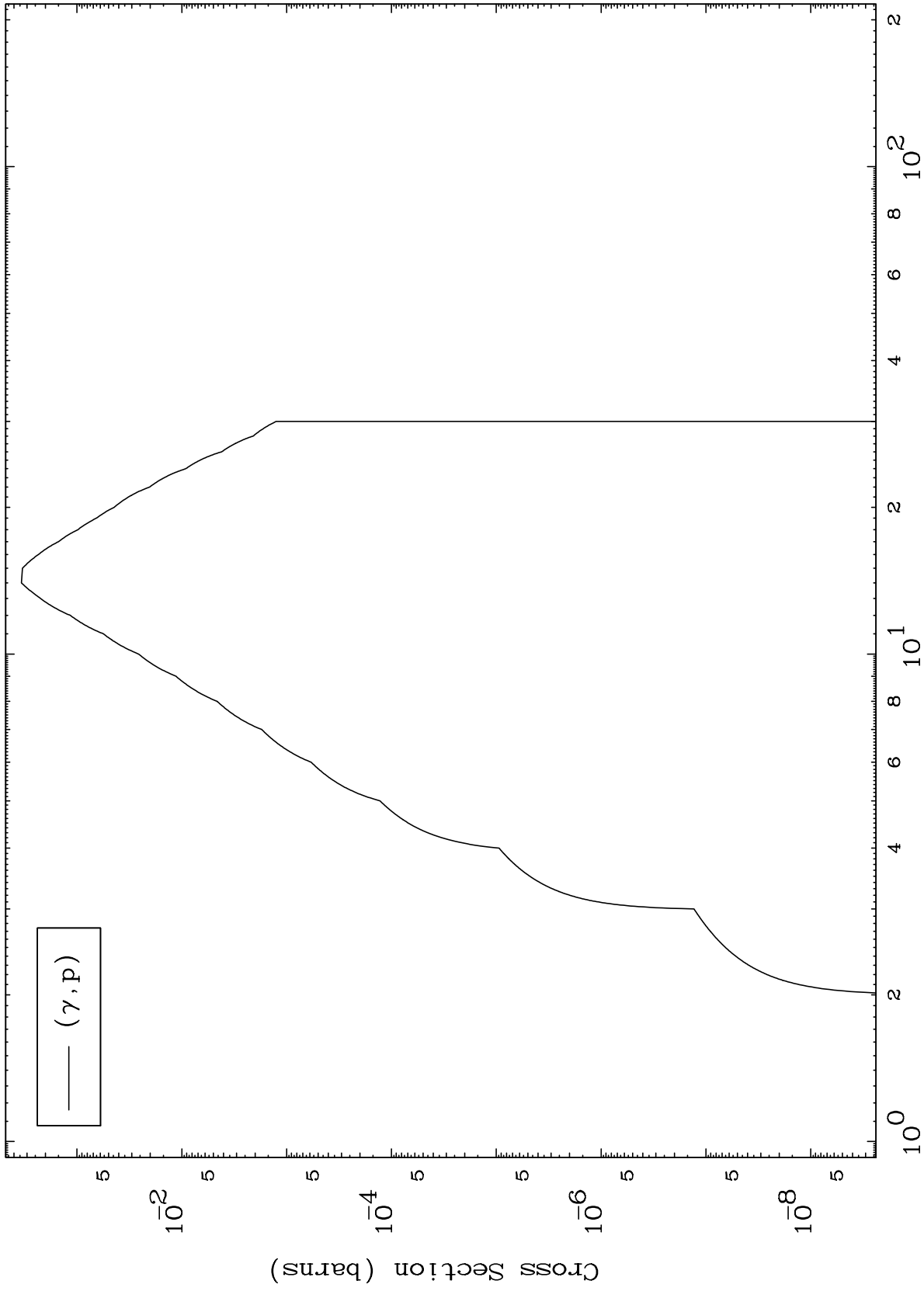
Incident Energy (MeV)

77-Ir-171

MAT 7666

(γ, p) Levels
0 Kelvin Cross Sections

77-Ir-171



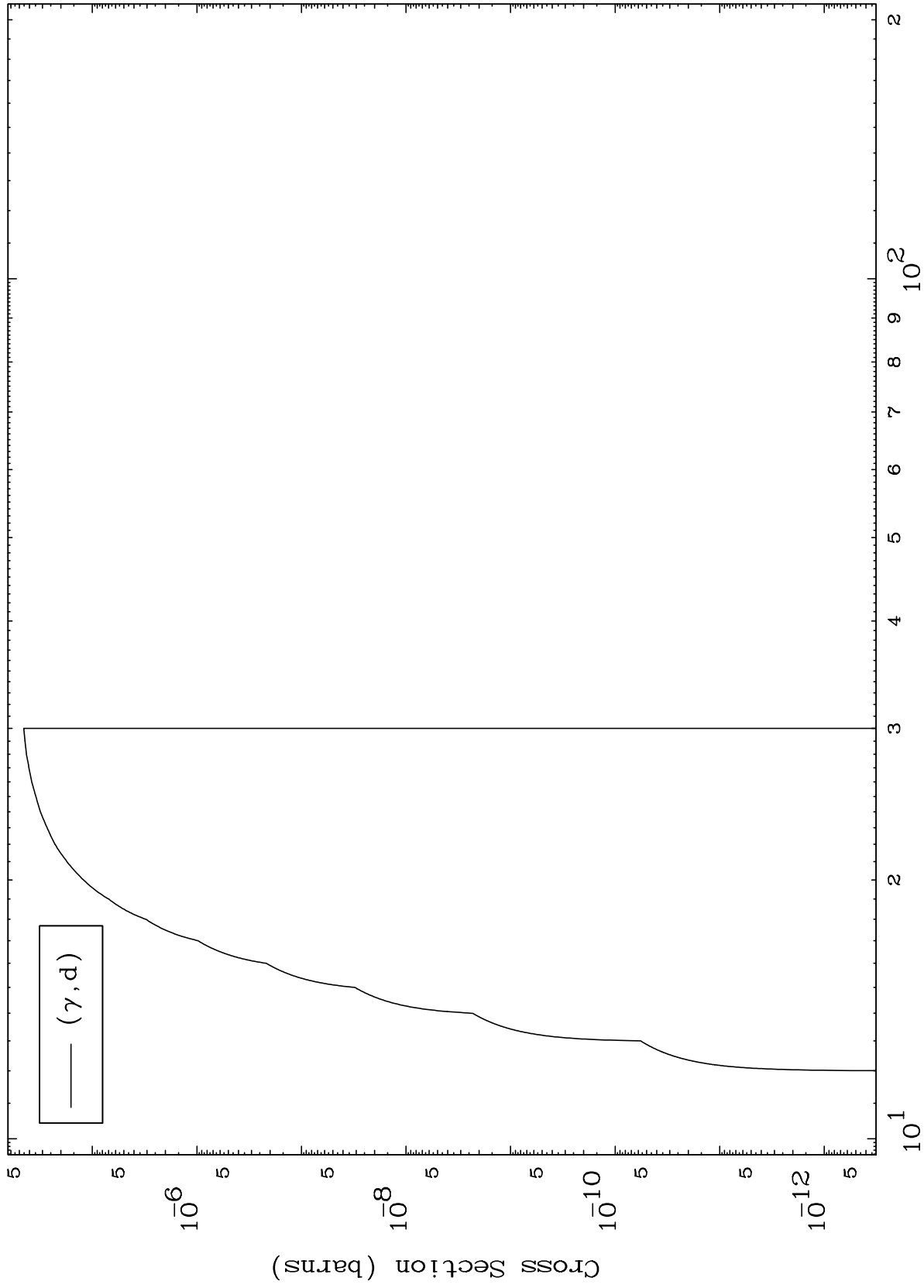
Incident Energy (MeV)

77-Ir-171

MAT 7666

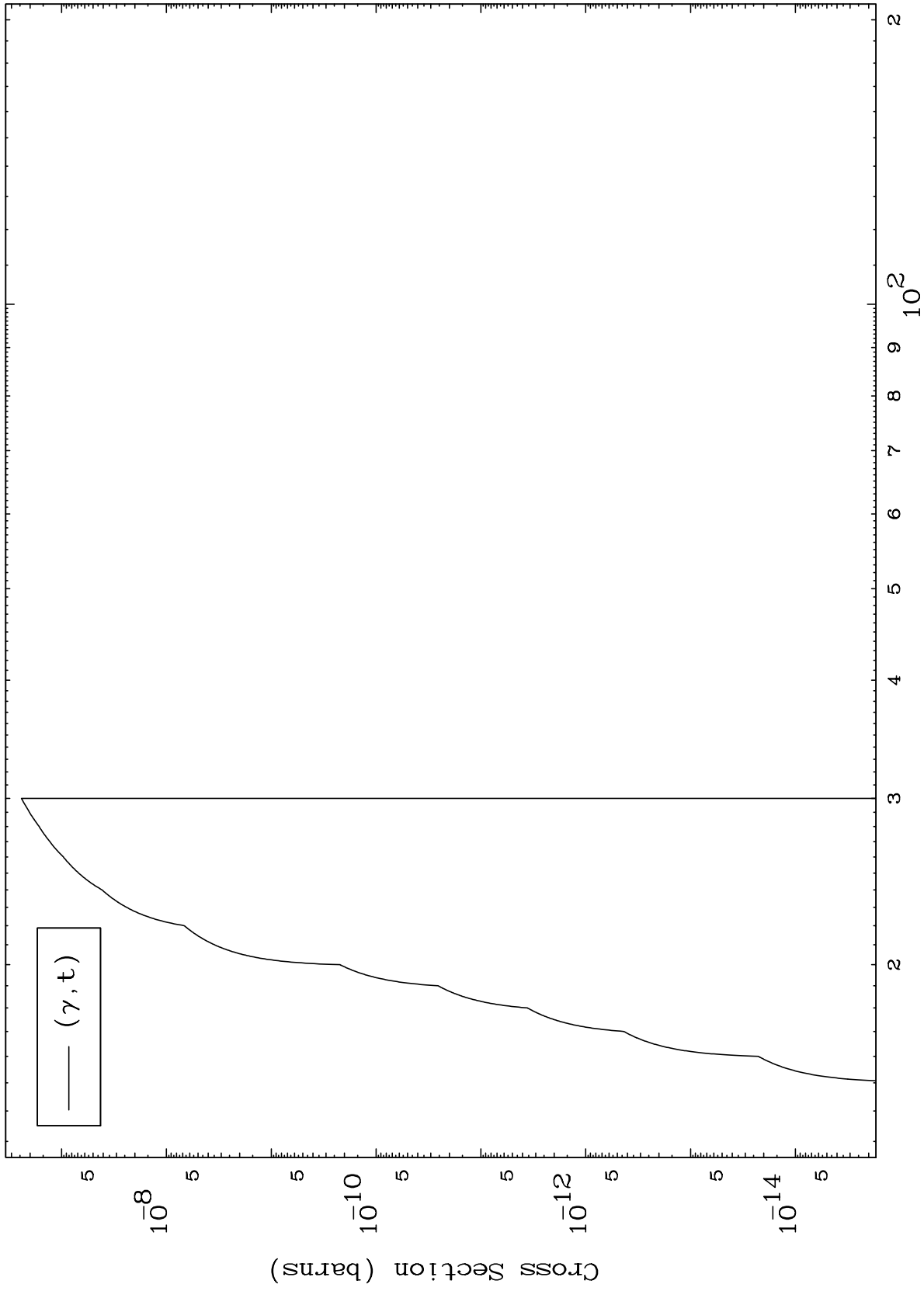
(γ, d) Levels
0 Kelvin Cross Sections

77-Ir-171



Incident Energy (MeV)

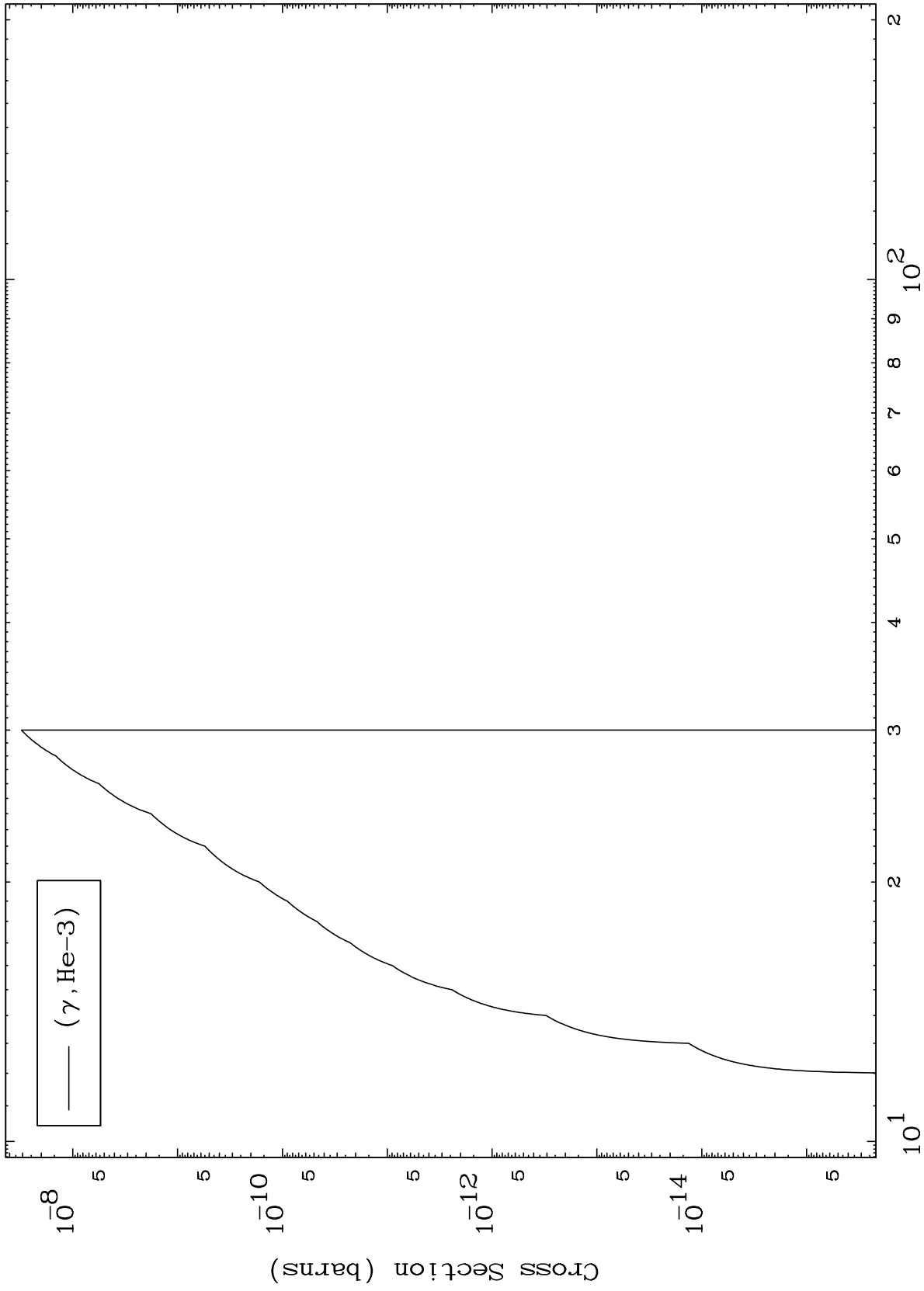
77-Ir-171



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(γ ,He3) Levels
0 Kelvin Cross Sections

77-Ir-171



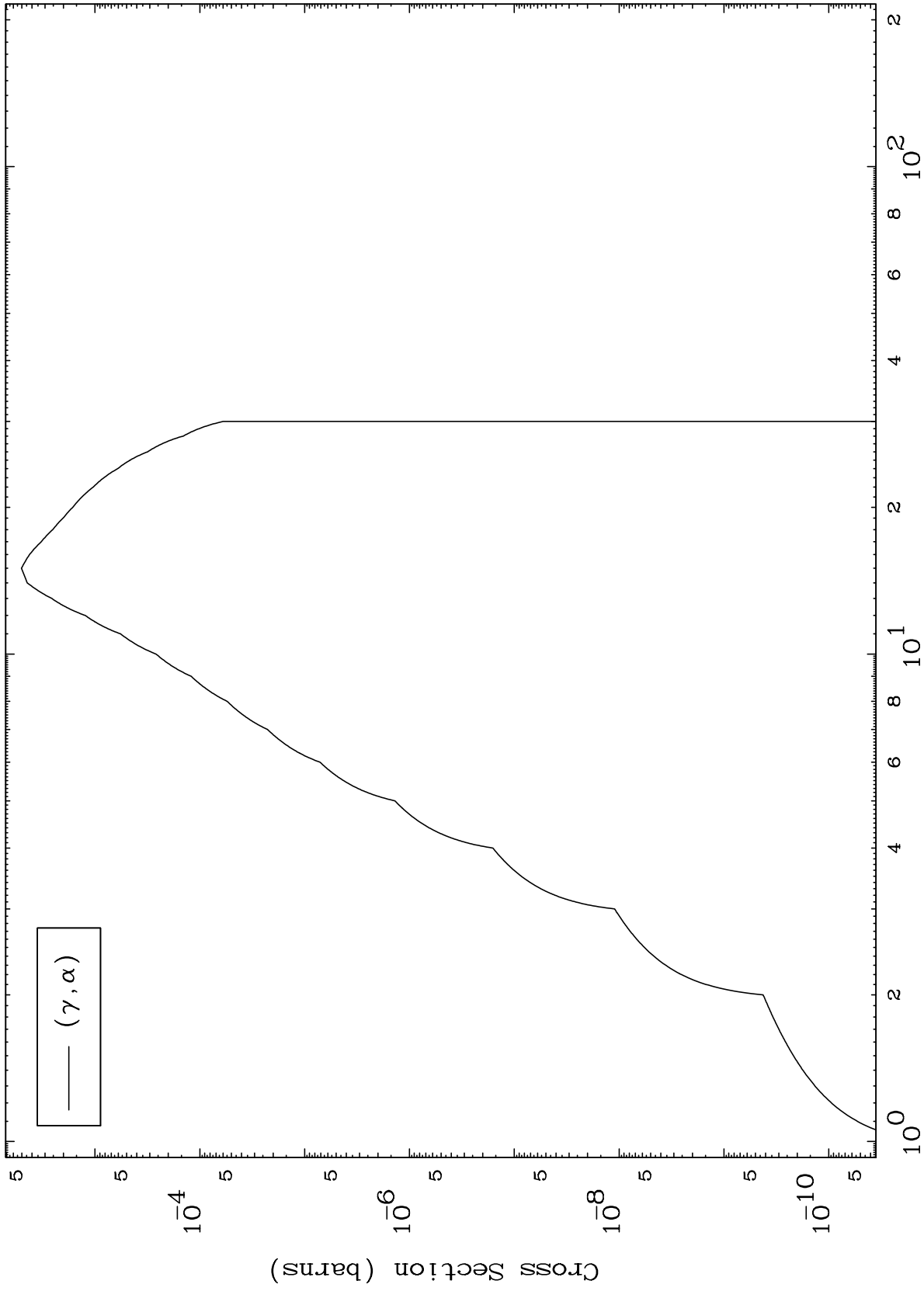
Incident Energy (MeV)

77-Ir-171

MAT 7666

(γ, α) Levels
0 Kelvin Cross Sections

77-Ir-171



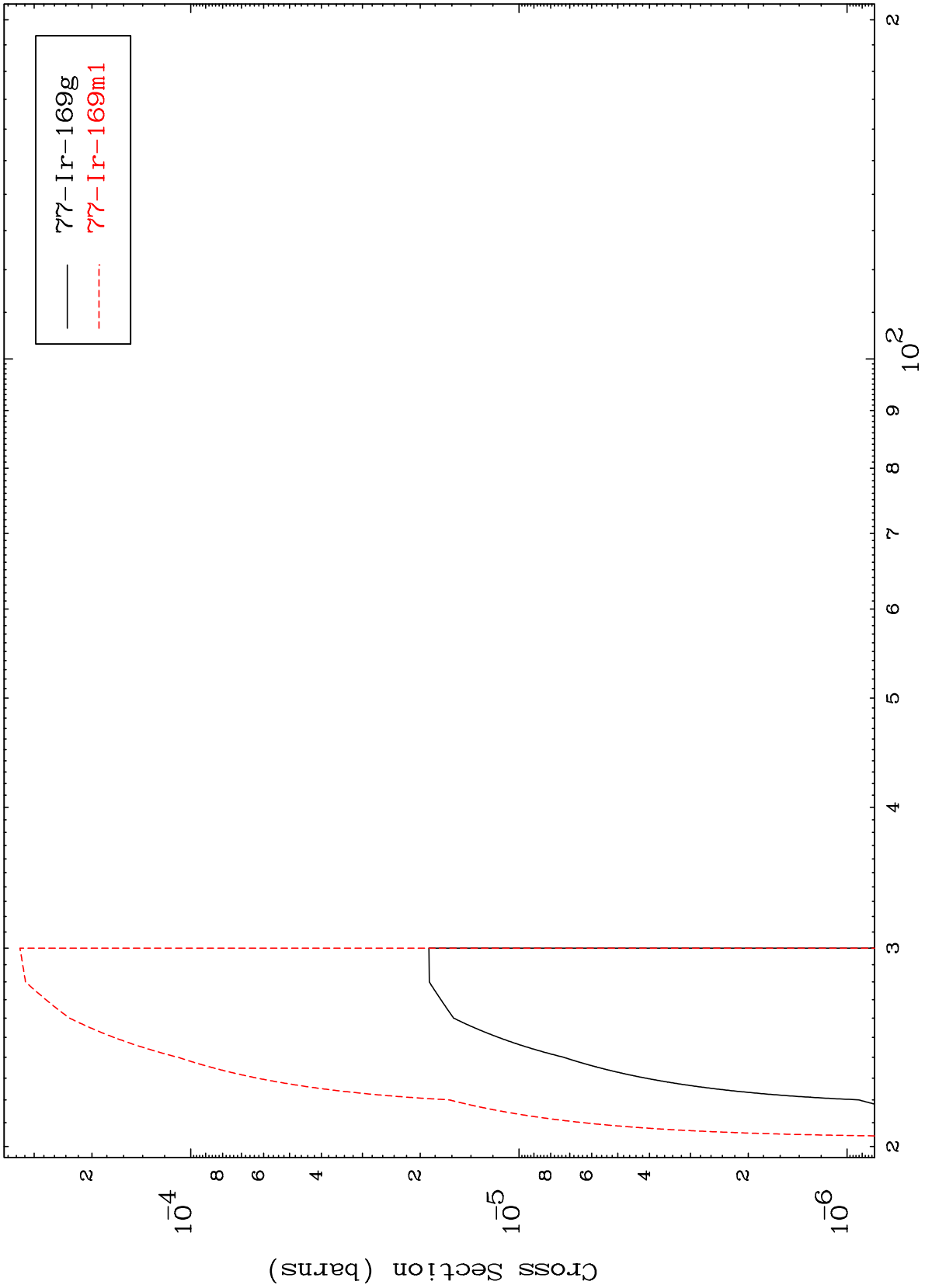
Incident Energy (MeV)

77-Ir-171

MAT 7666

⁷⁷Ir-171

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



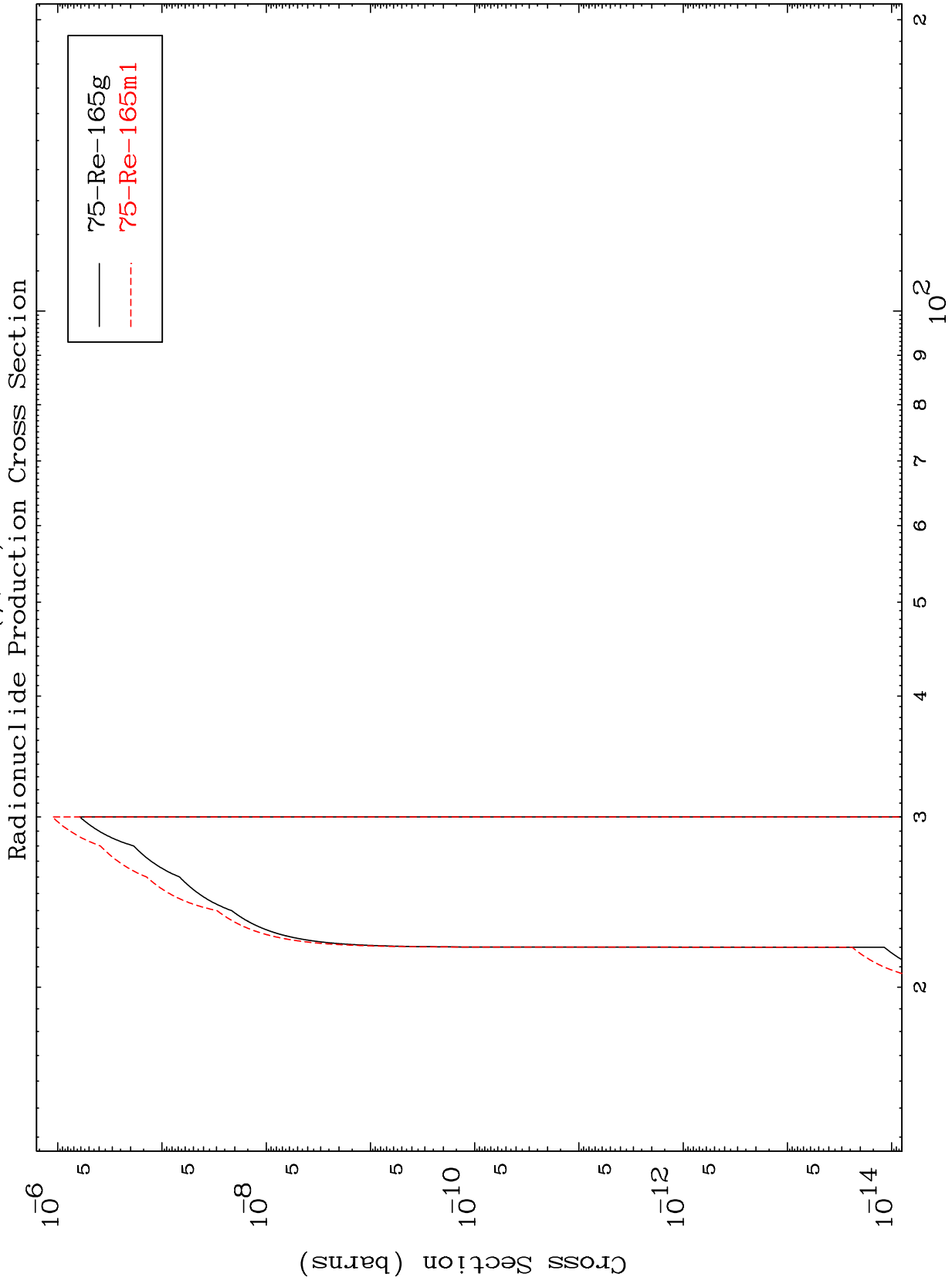
11

⁷⁷Ir-171

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$(\gamma, 2n) \alpha$

⁷⁷Ir-171



12

Incident Energy (MeV)

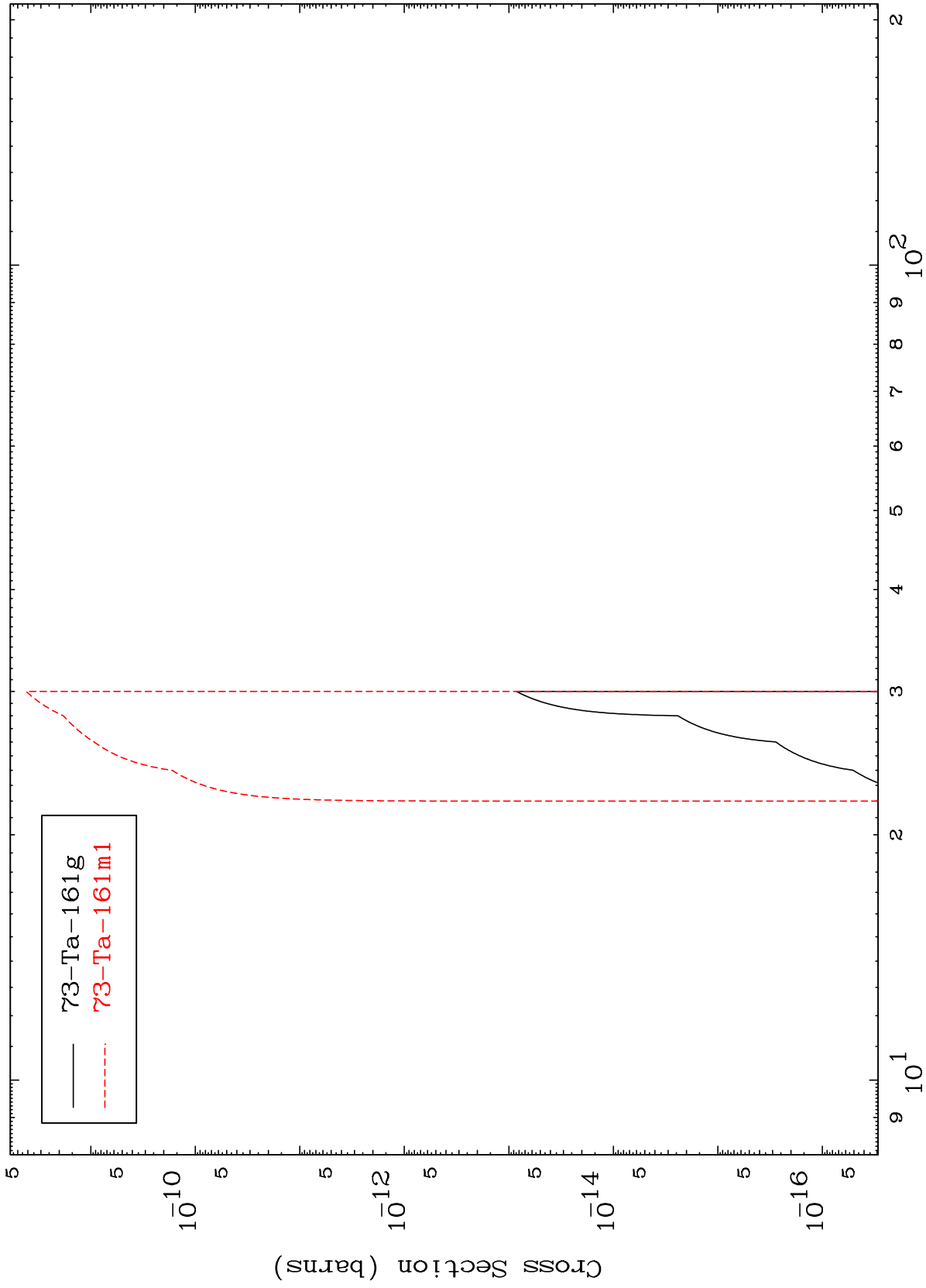
⁷⁷Ir-171

MAT 7666

$(\gamma, 2n) 2\alpha$

⁷⁷Ir-171

Radionuclide Production Cross Section



13

Incident Energy (MeV)

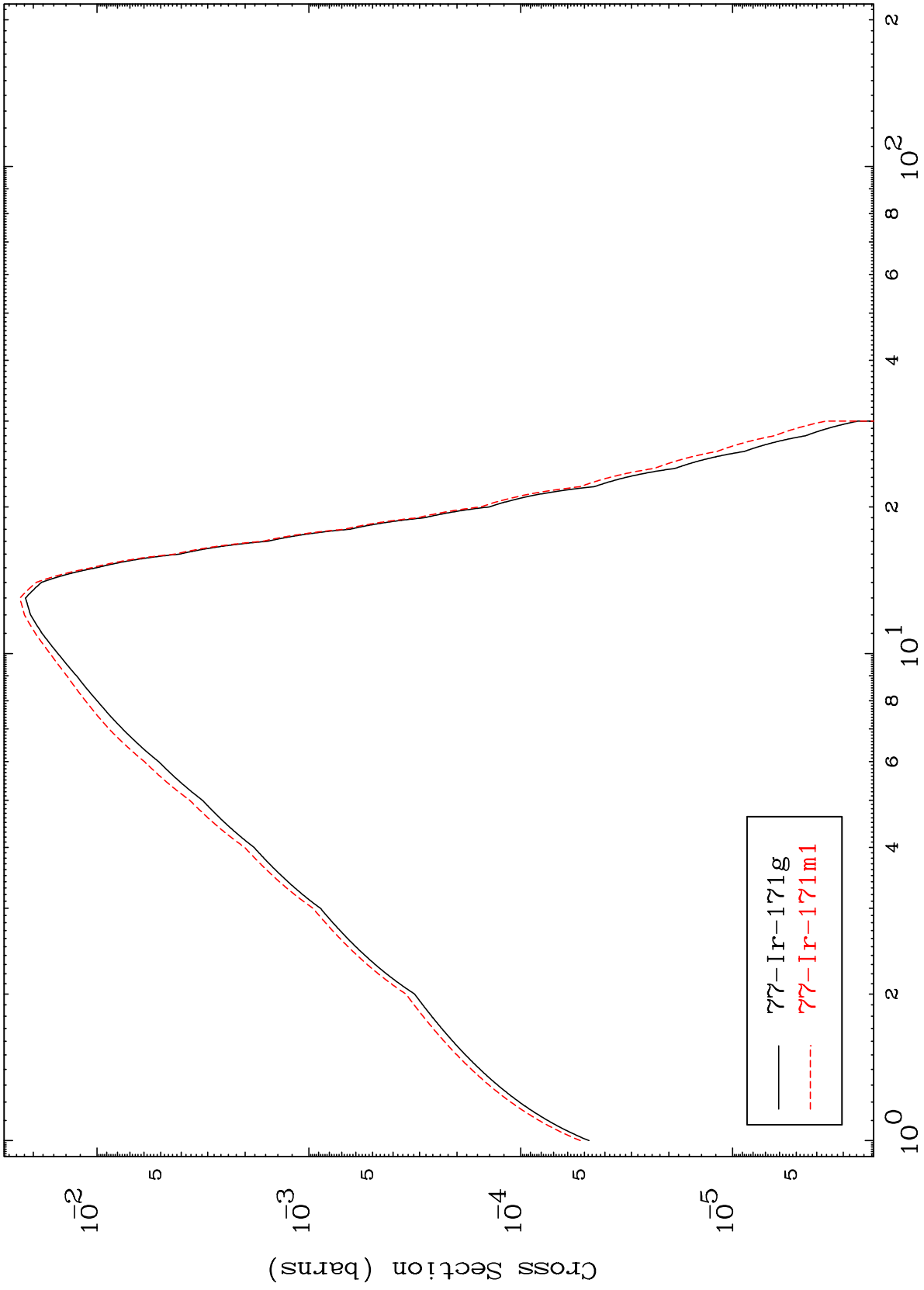
⁷⁷Ir-171

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⁷⁷Ir-171

Radionuclide Production Cross Section

(γ, γ)



— 77-Ir-171g
- - - 77-Ir-171m1

⁷⁷Ir-171

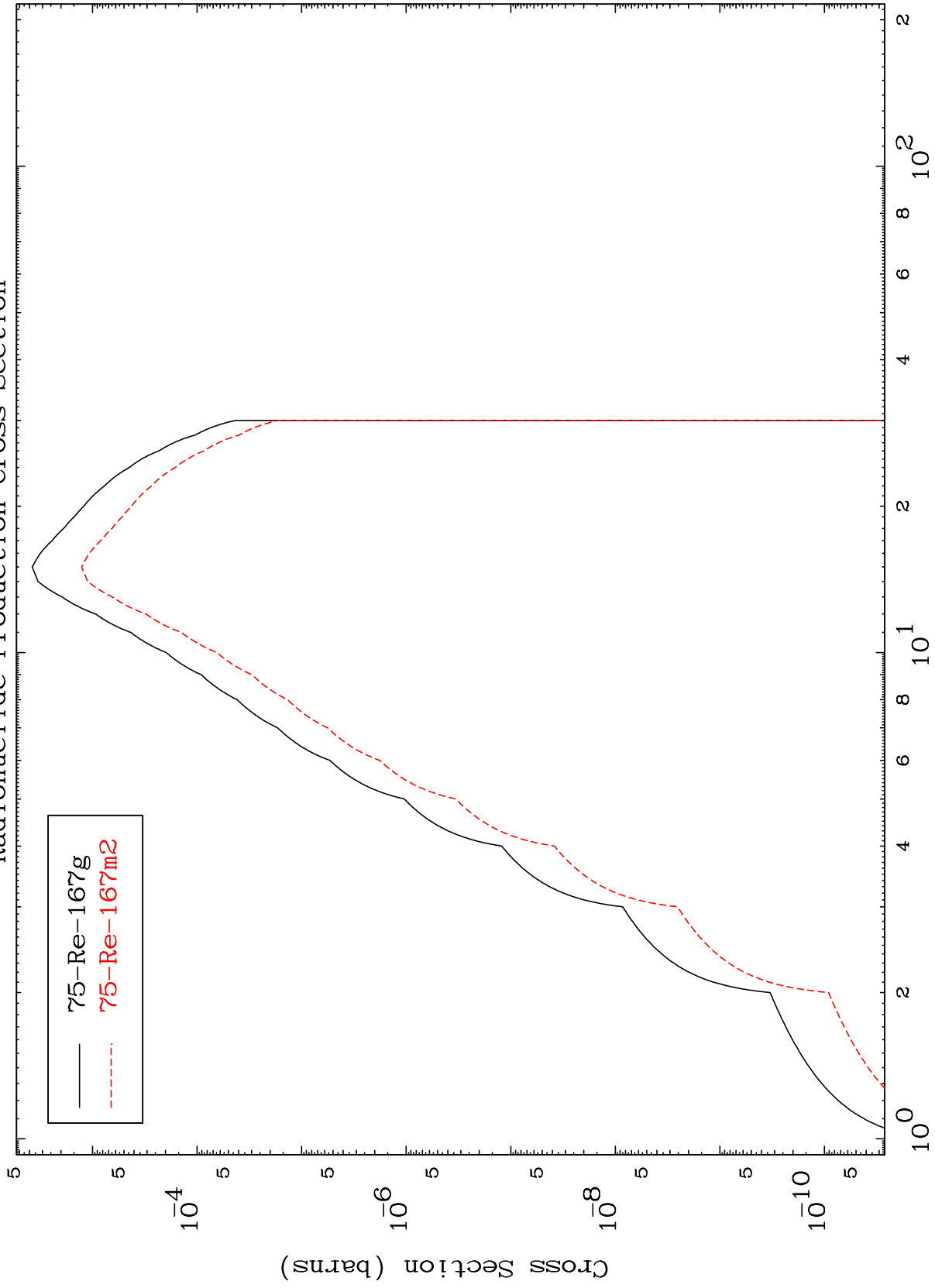
Incident Energy (MeV)

14

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Radionuclide Production Cross Section
(γ, α)

⁷⁷Ir-171



— 75-Re-167g
- - - 75-Re-167m2

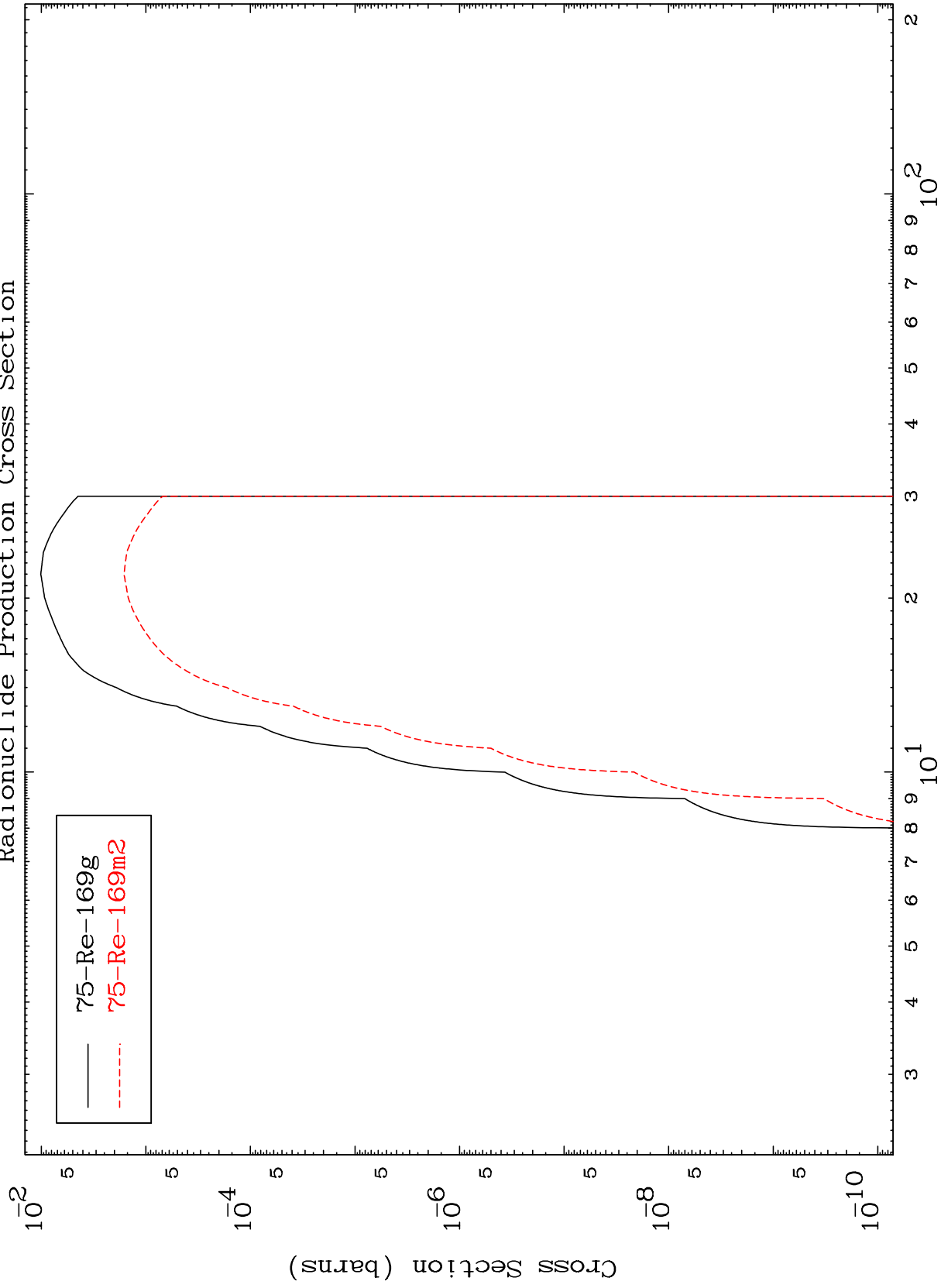
Incident Energy (MeV)

⁷⁷Ir-171

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77-Ir-171

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



16

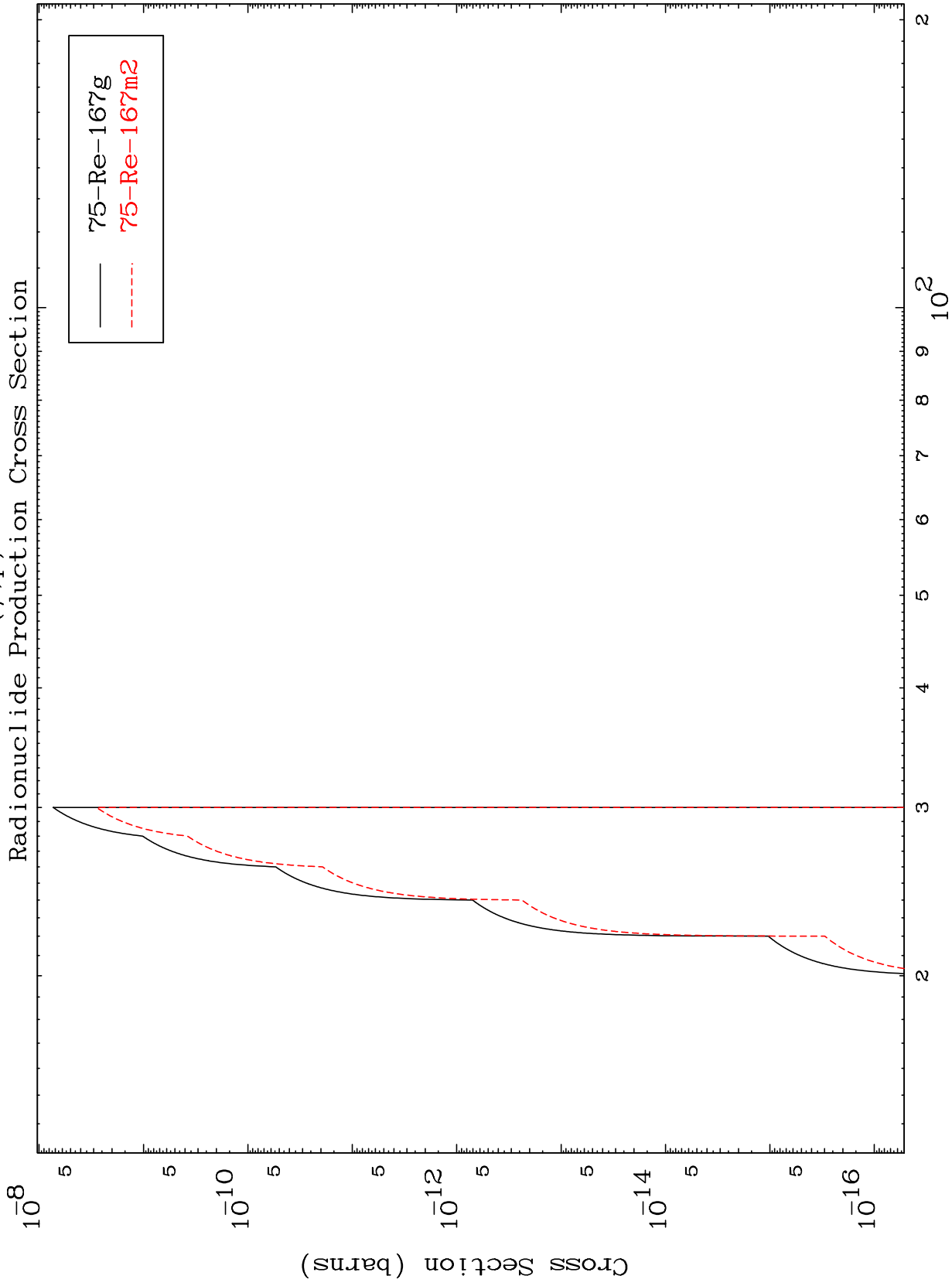
Incident Energy (MeV)

77-Ir-171

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(γ, p) t

77-Ir-171



17

77-Ir-171

77-Ir-171