

Program EVALPLOT
(Version 2017-1)

by

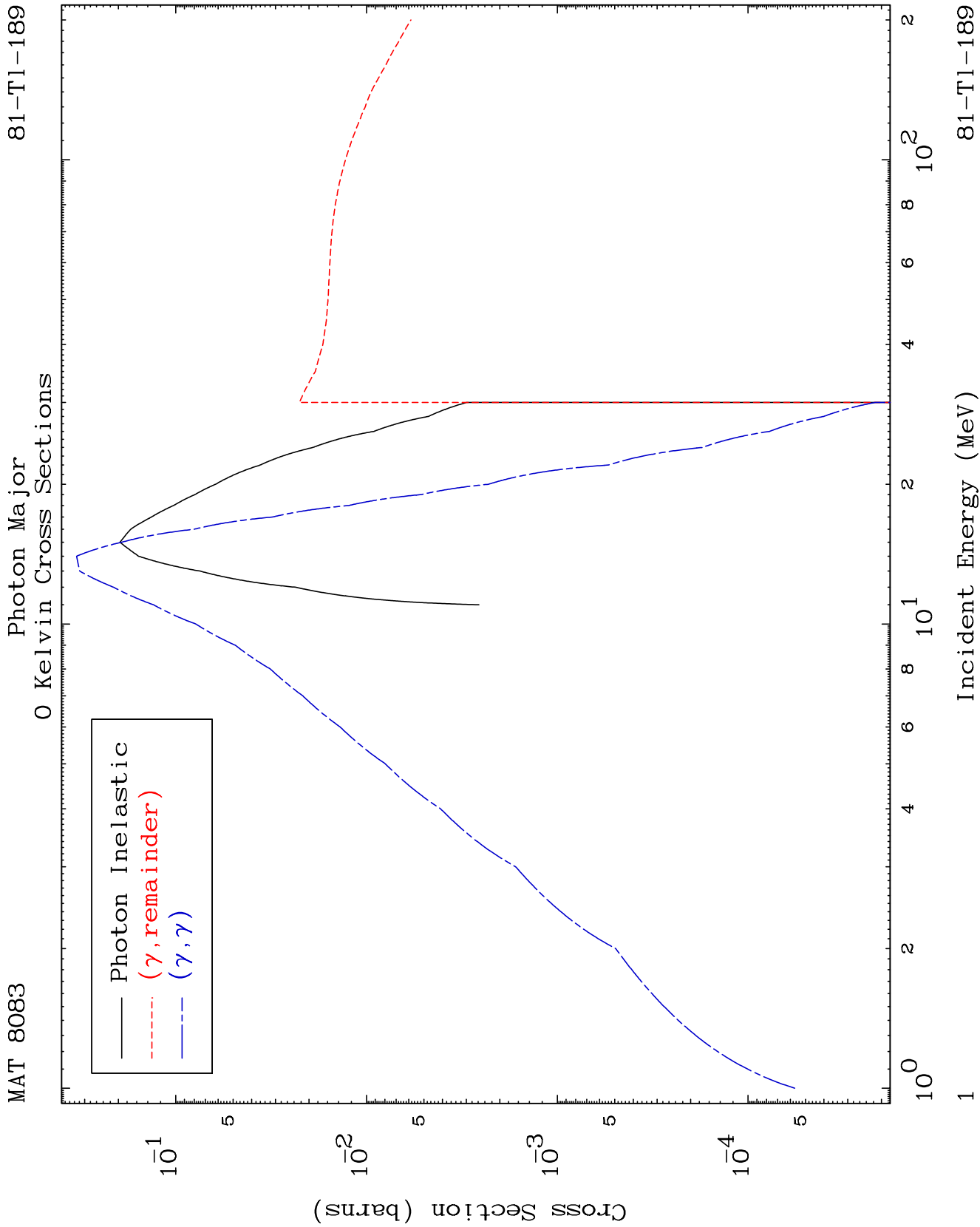
Dermott E. Cullen
(Present Contact Information)

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

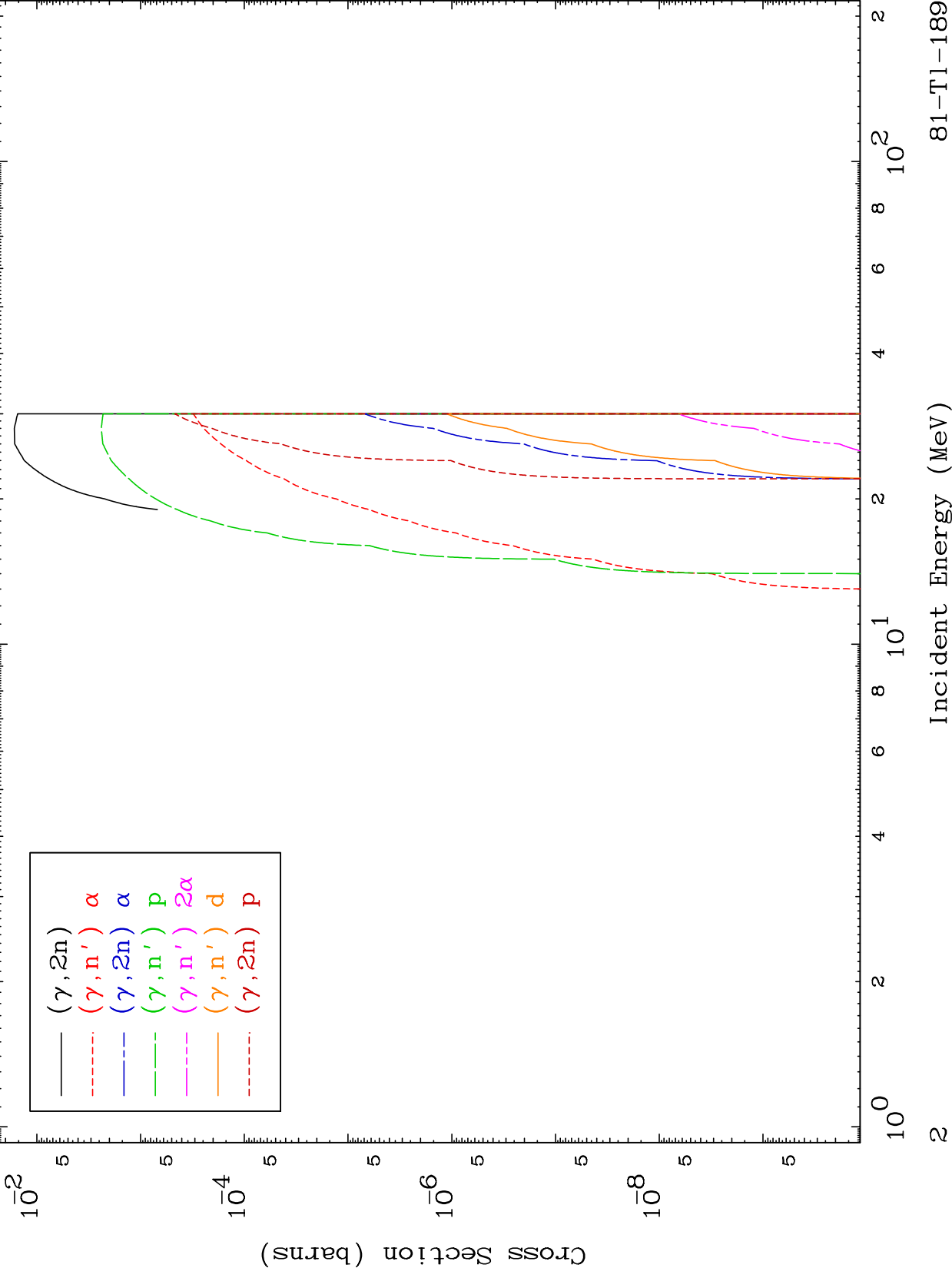
Press Mouse Button to Start



MAT 8083

Photon Neutron Production
0 Kelvin Cross Sections

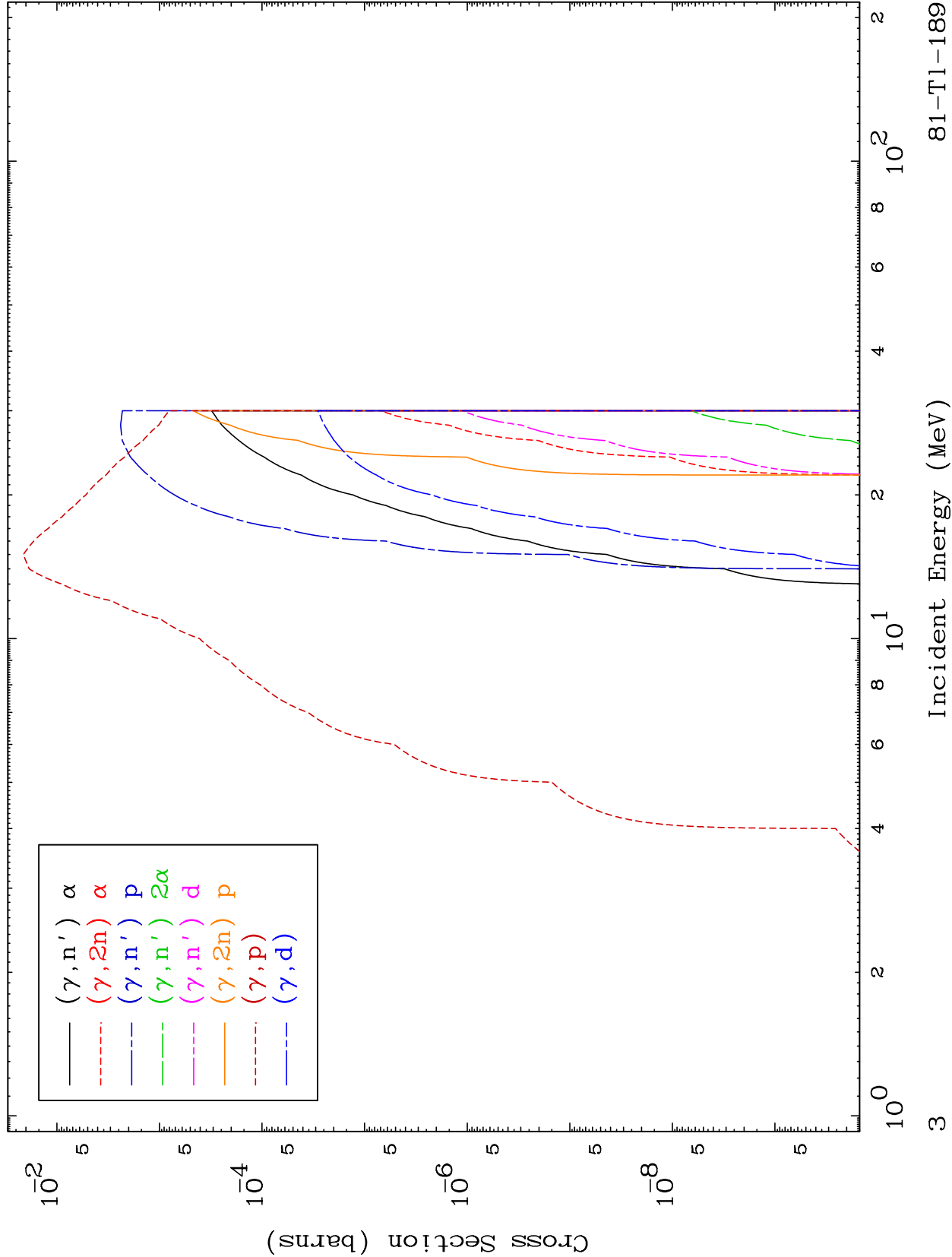
81-Tl-189



MAT 8083

Photon Charged Particle
0 Kelvin Cross Sections

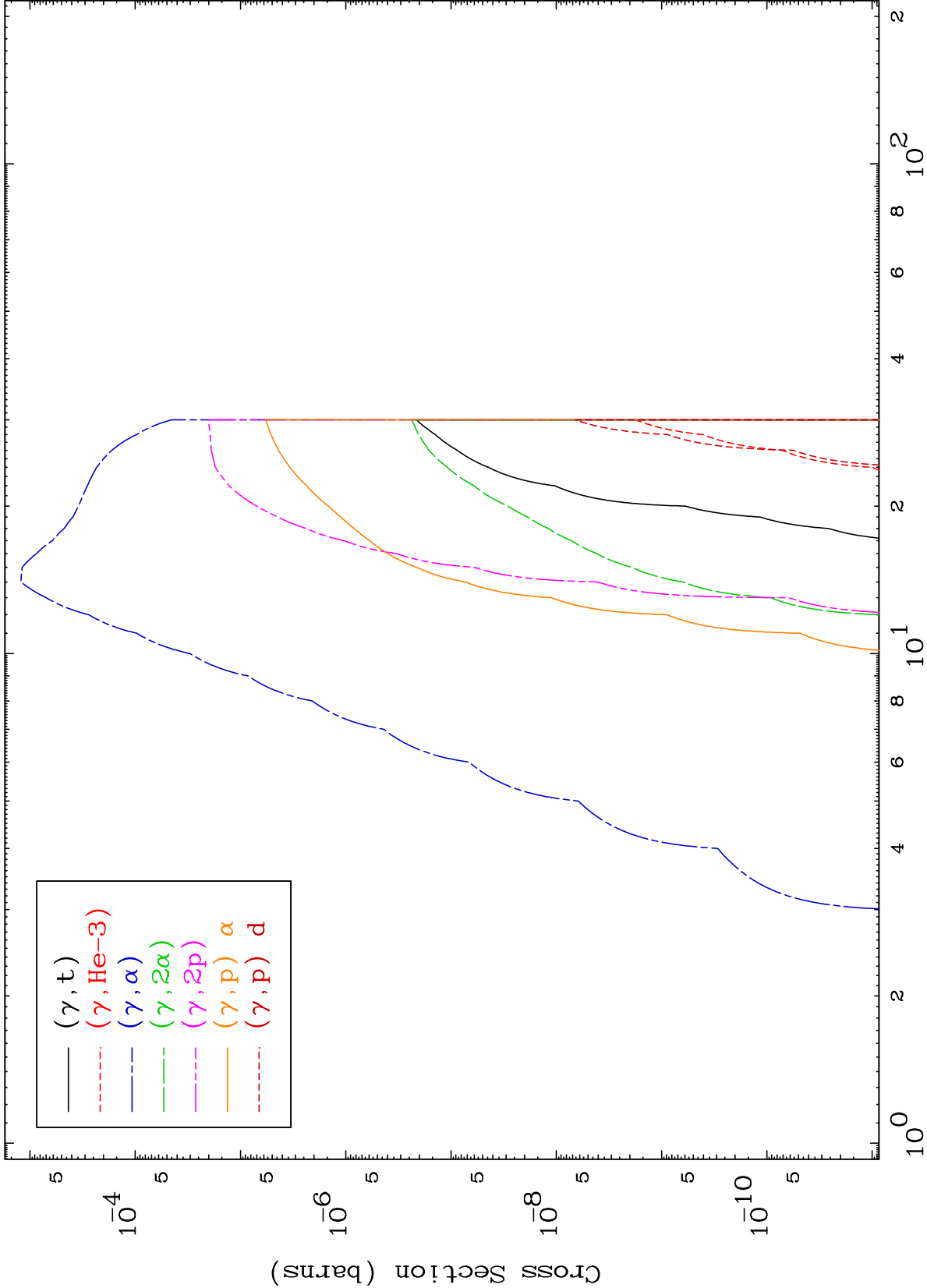
81-Tl-189



MAT 8083

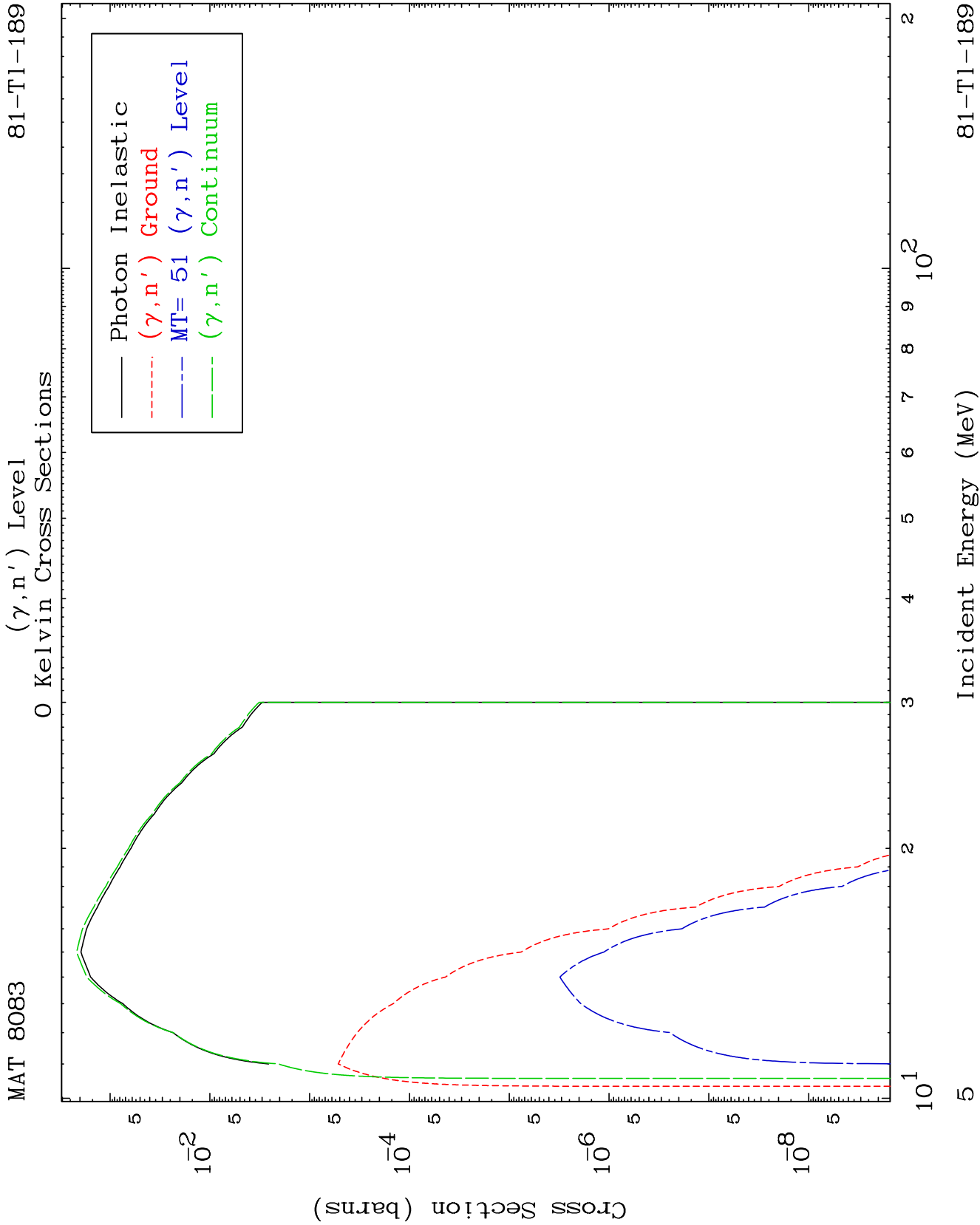
Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-189



Incident Energy (MeV)

81-Tl-189

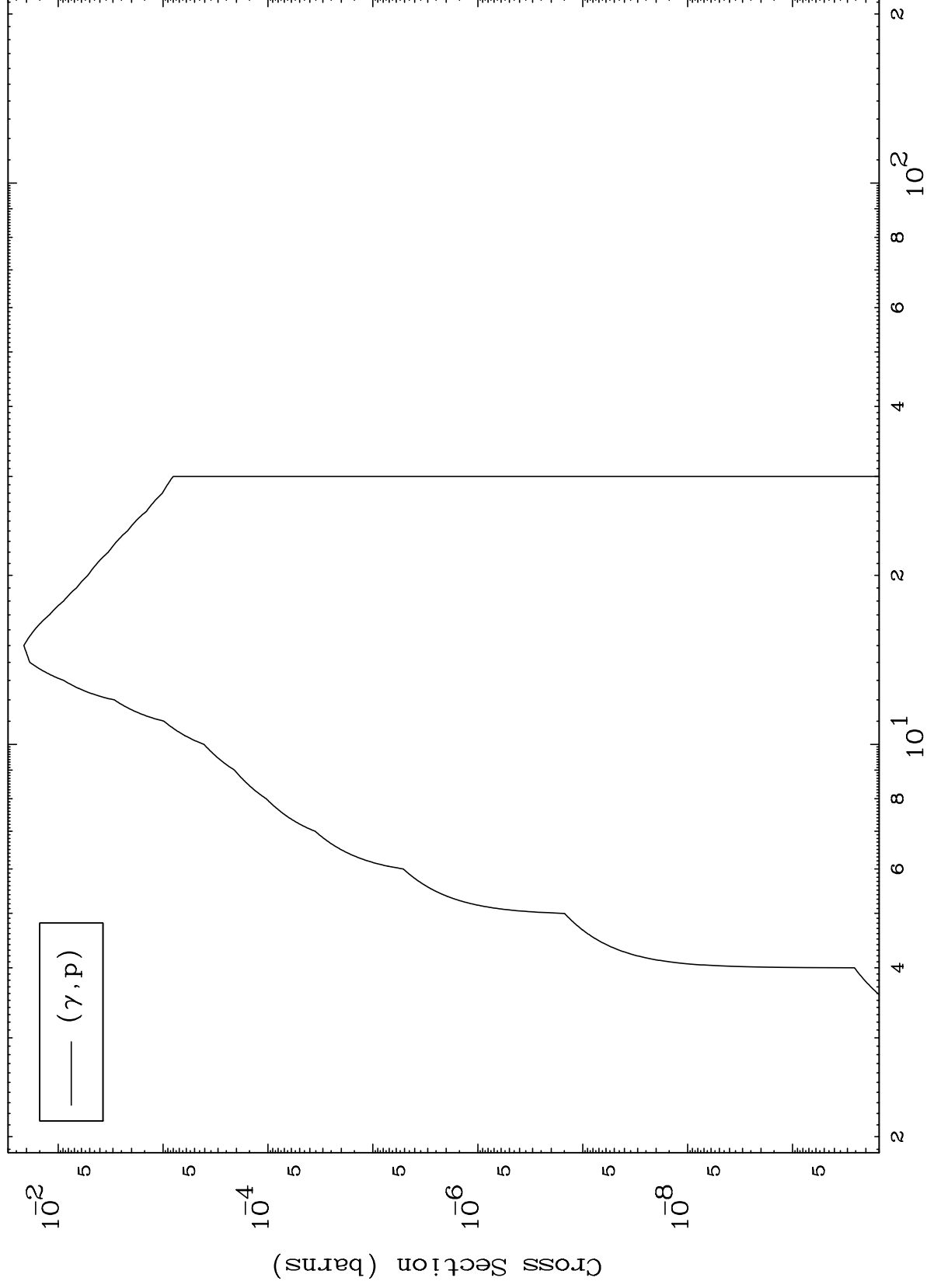


MAT 8083

(γ ,p) Levels

81-Tl-189

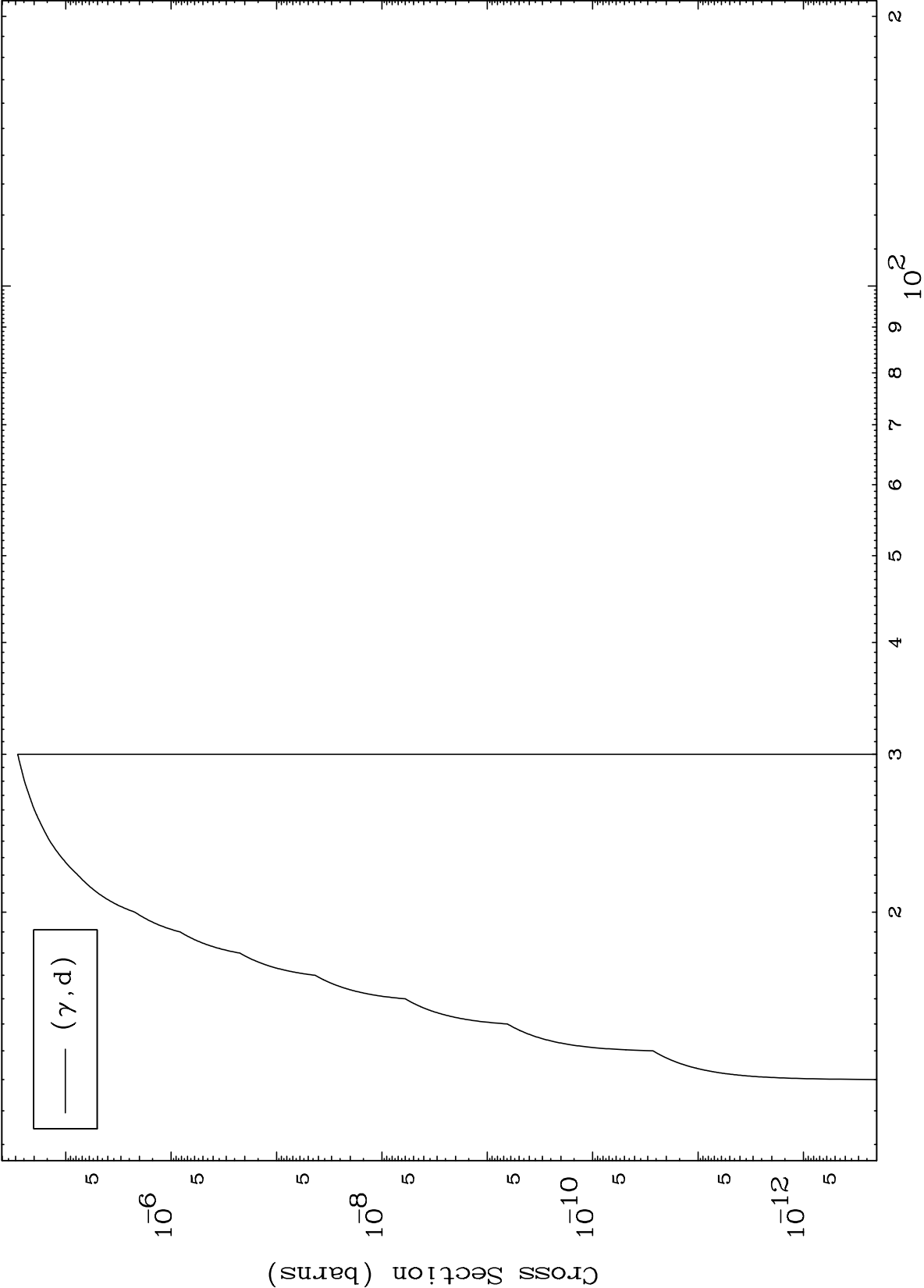
0 Kelvin Cross Sections

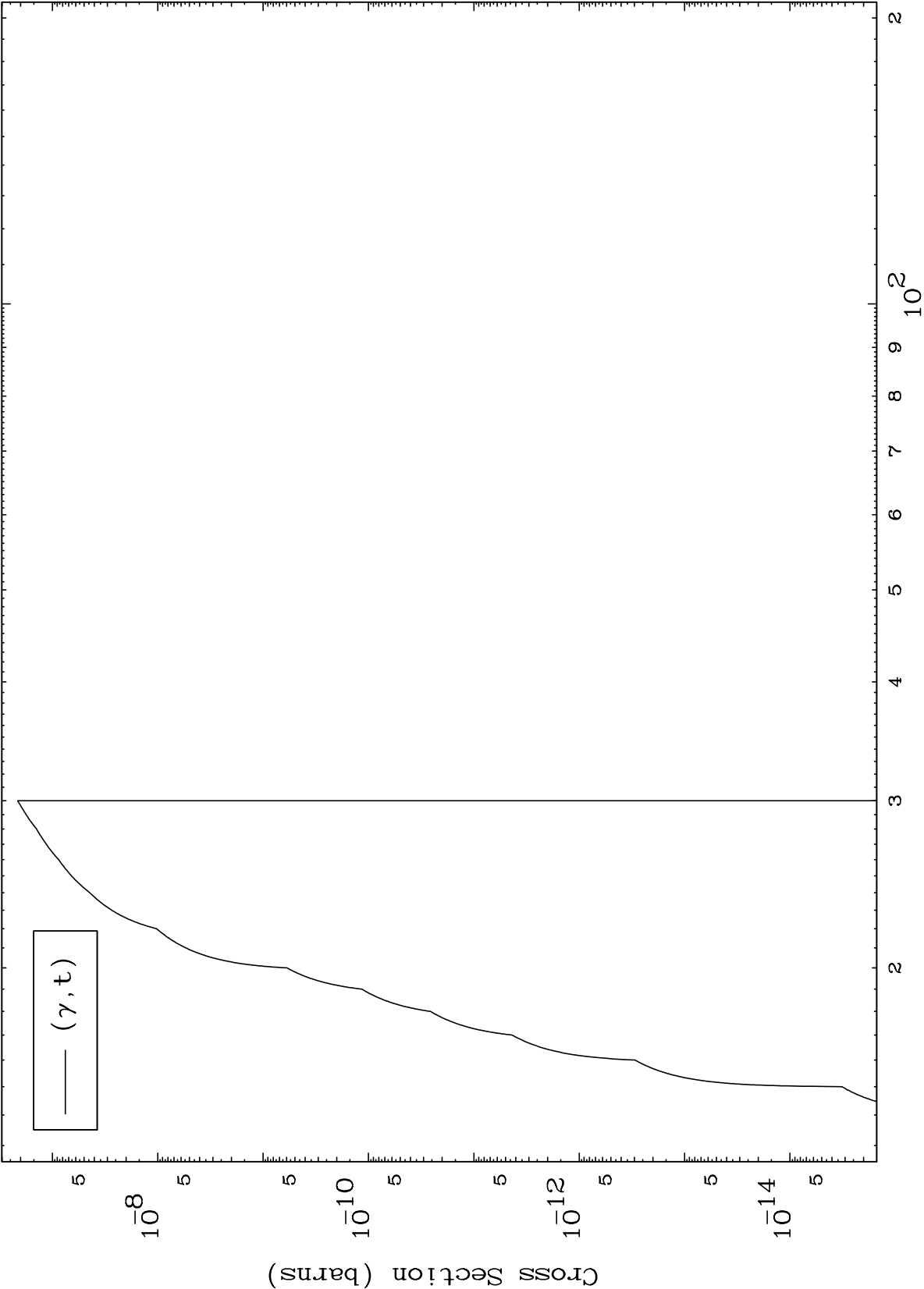


6

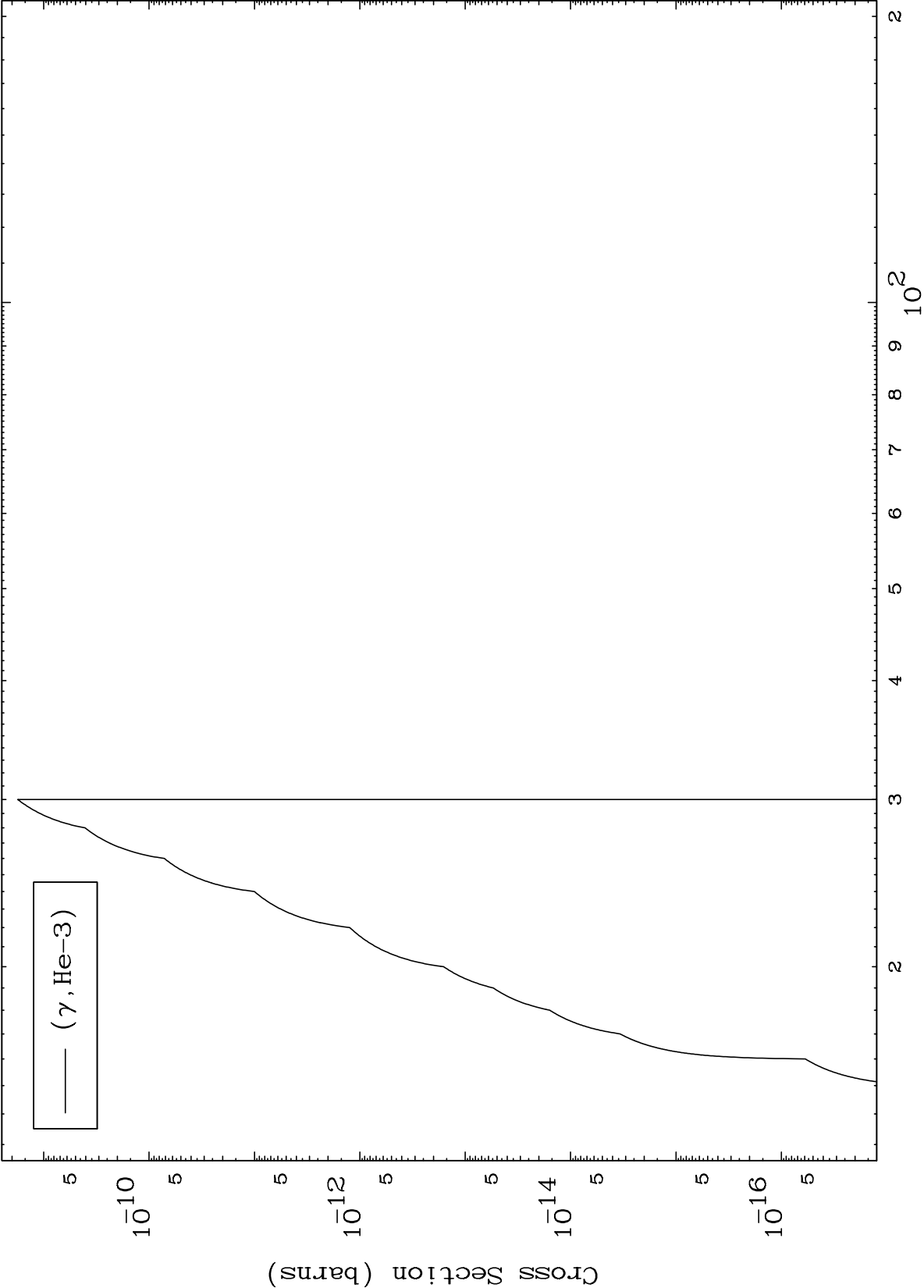
Incident Energy (MeV)

81-Tl-189





0 Kelvin Cross Sections

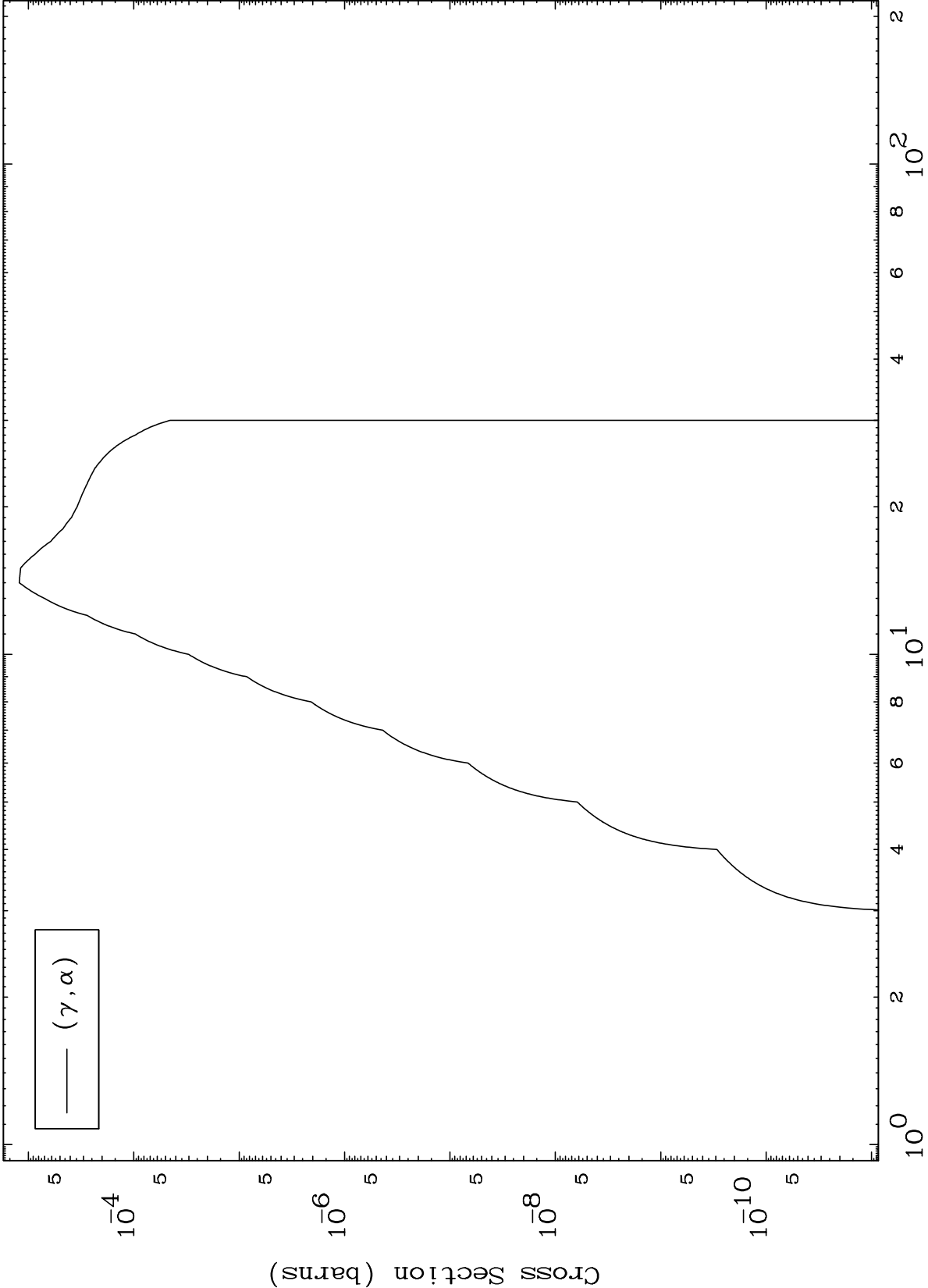


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(γ, α) Levels

81-Tl-189

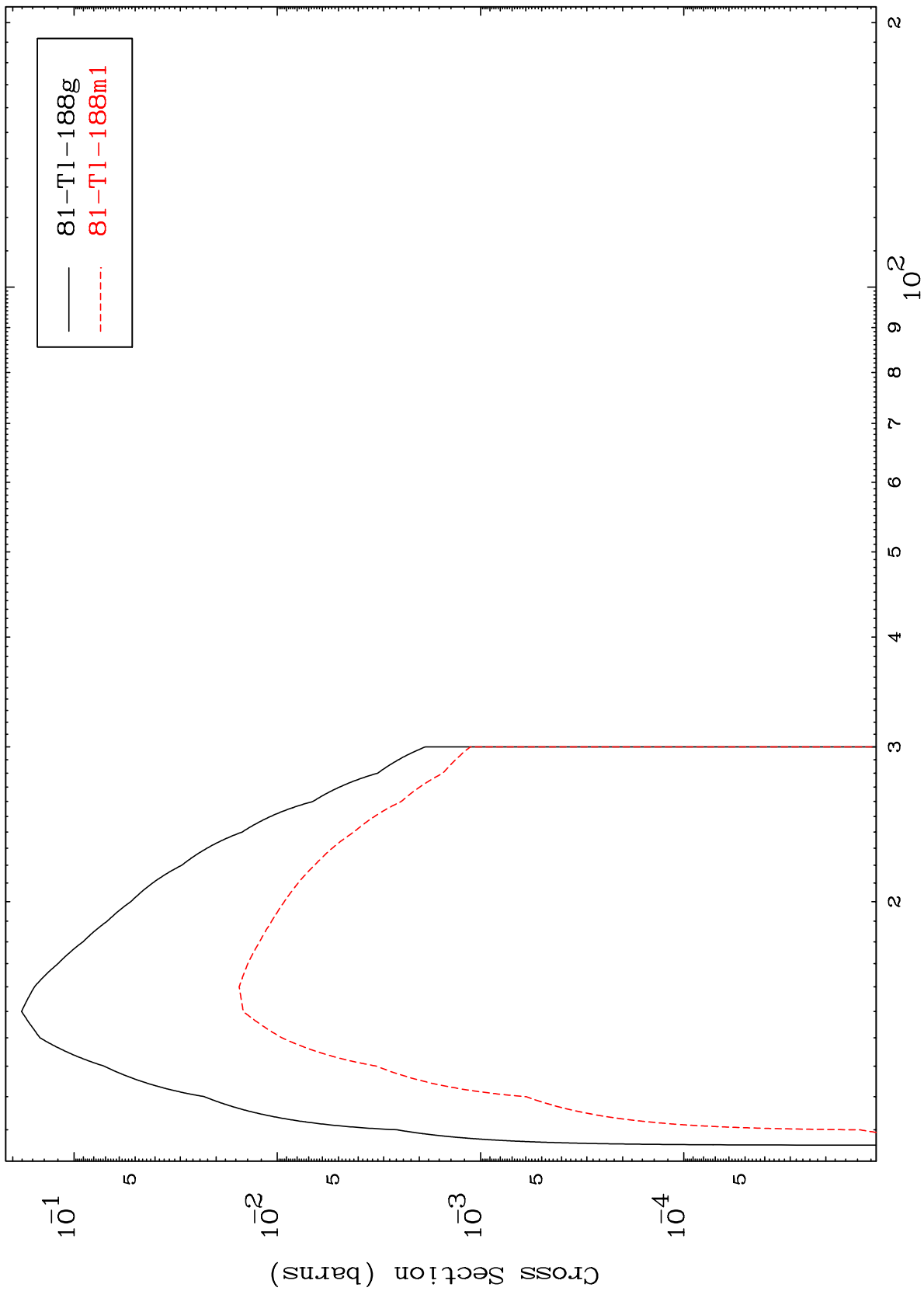
0 Kelvin Cross Sections

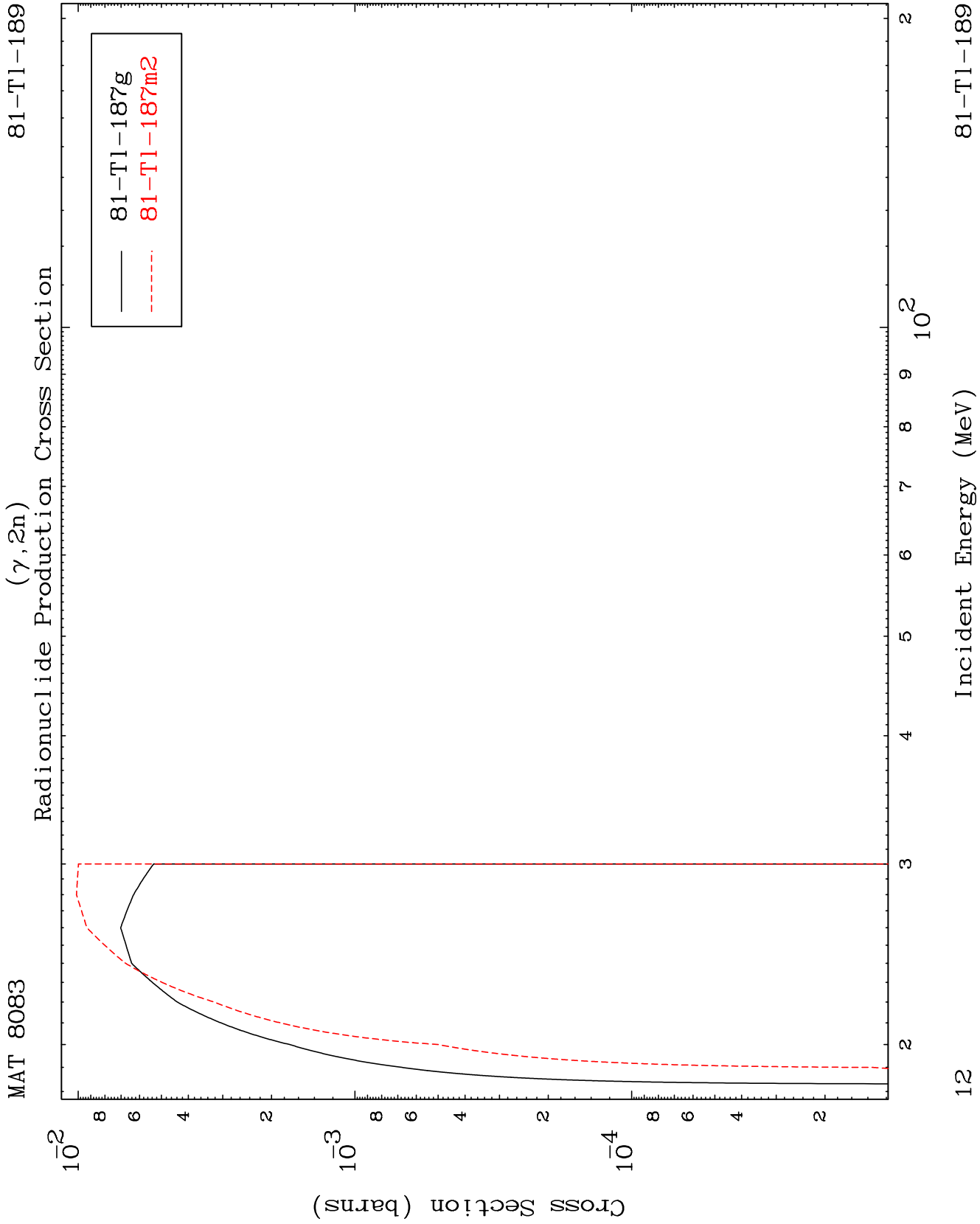


Incident Energy (MeV)

81-Tl-189

Photon Inelastic
Radionuclide Production Cross Section



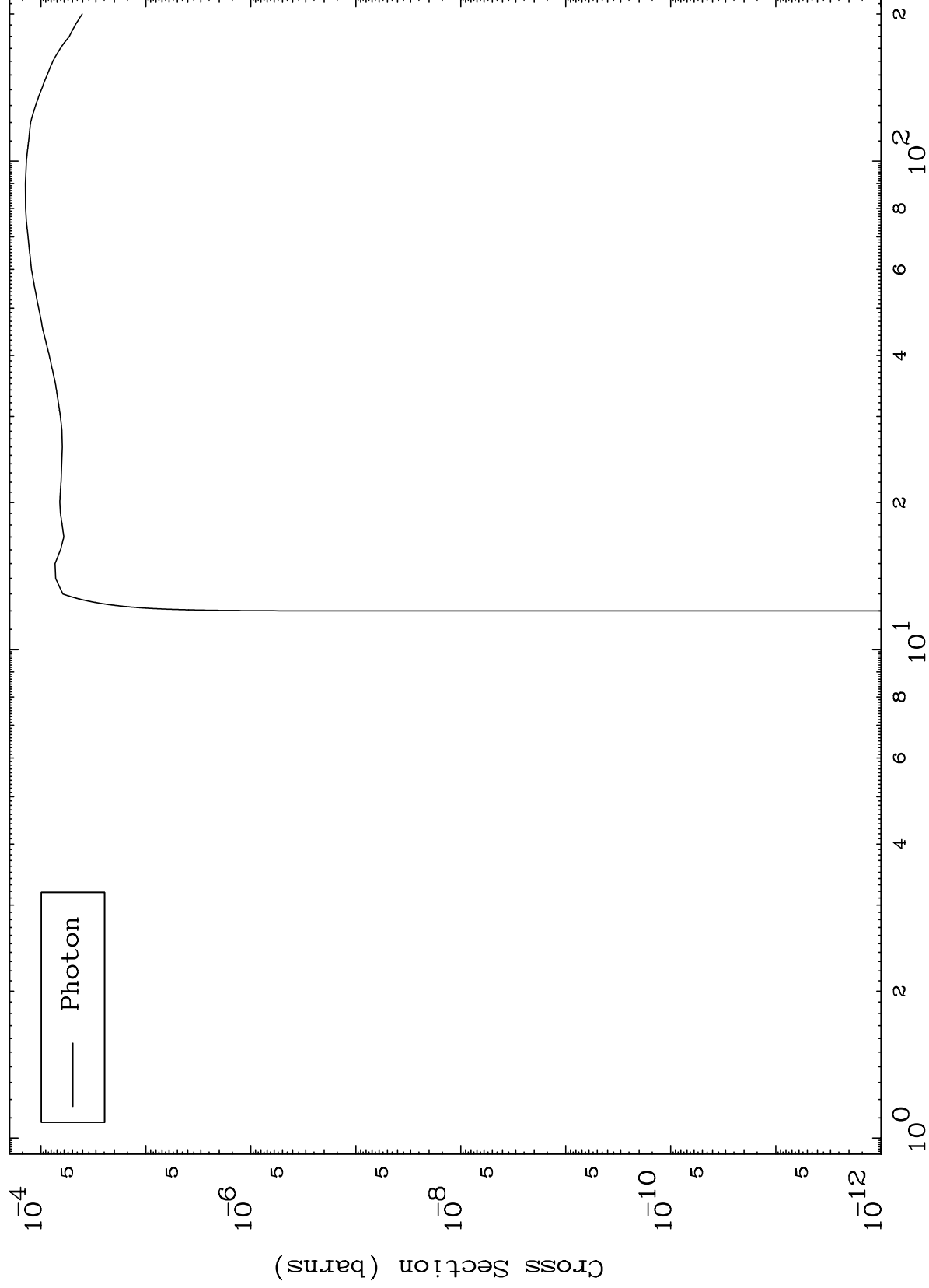


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Photon Fission

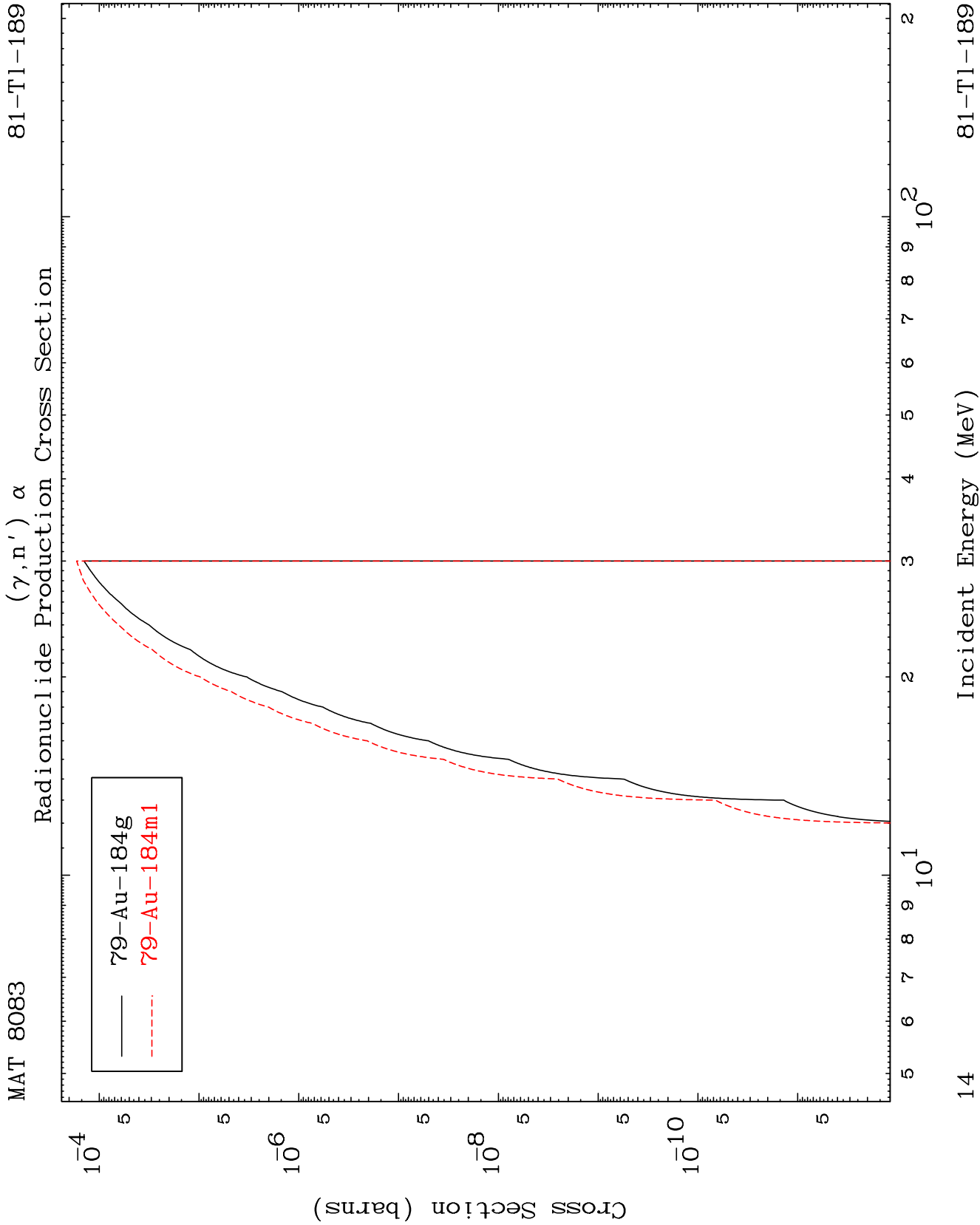
81-Tl-189

Radionuclide Production Cross Section



Incident Energy (MeV)

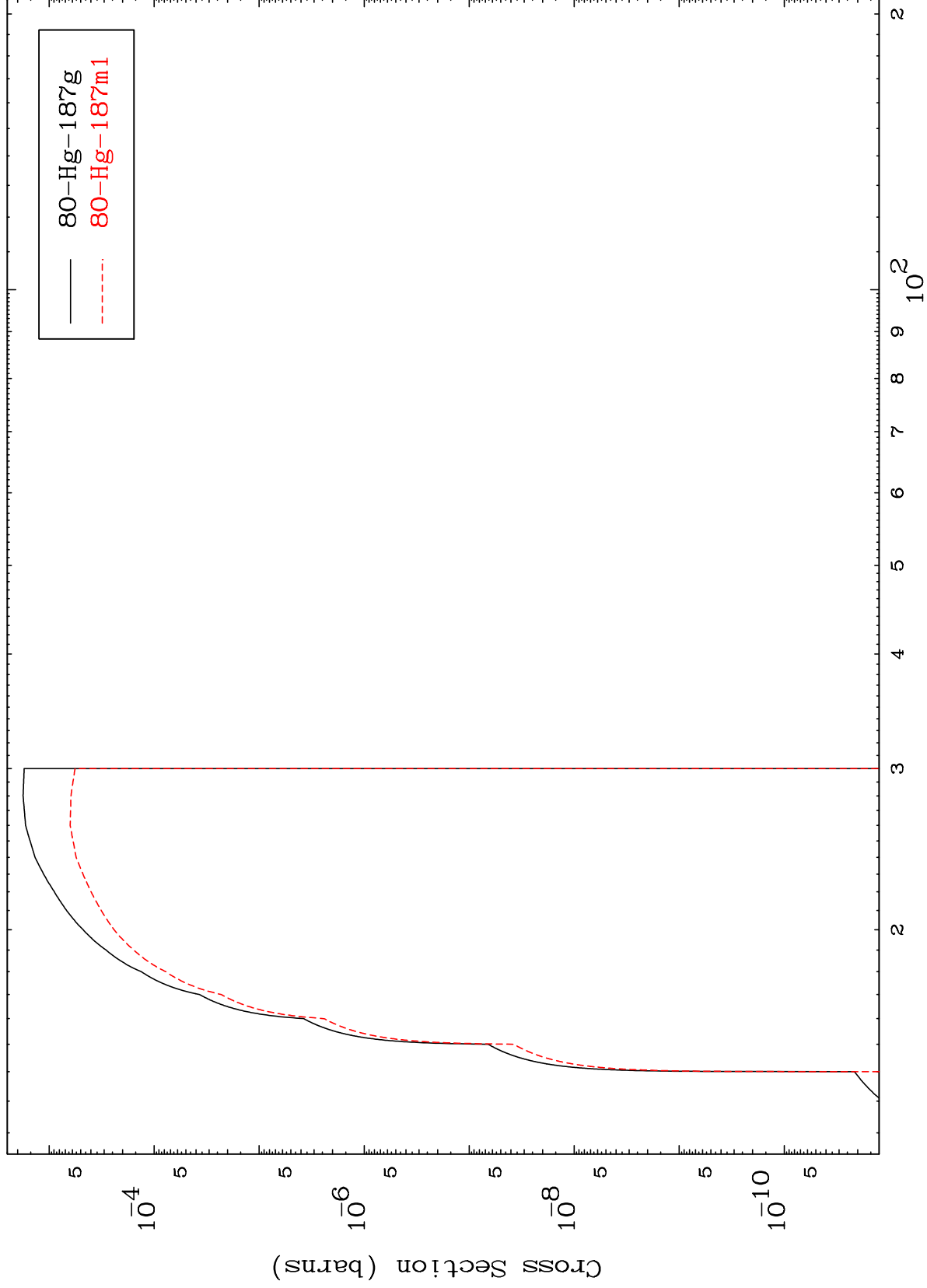
81-Tl-189



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81-Tl-189

(γ, n') p
Radionuclide Production Cross Section



15

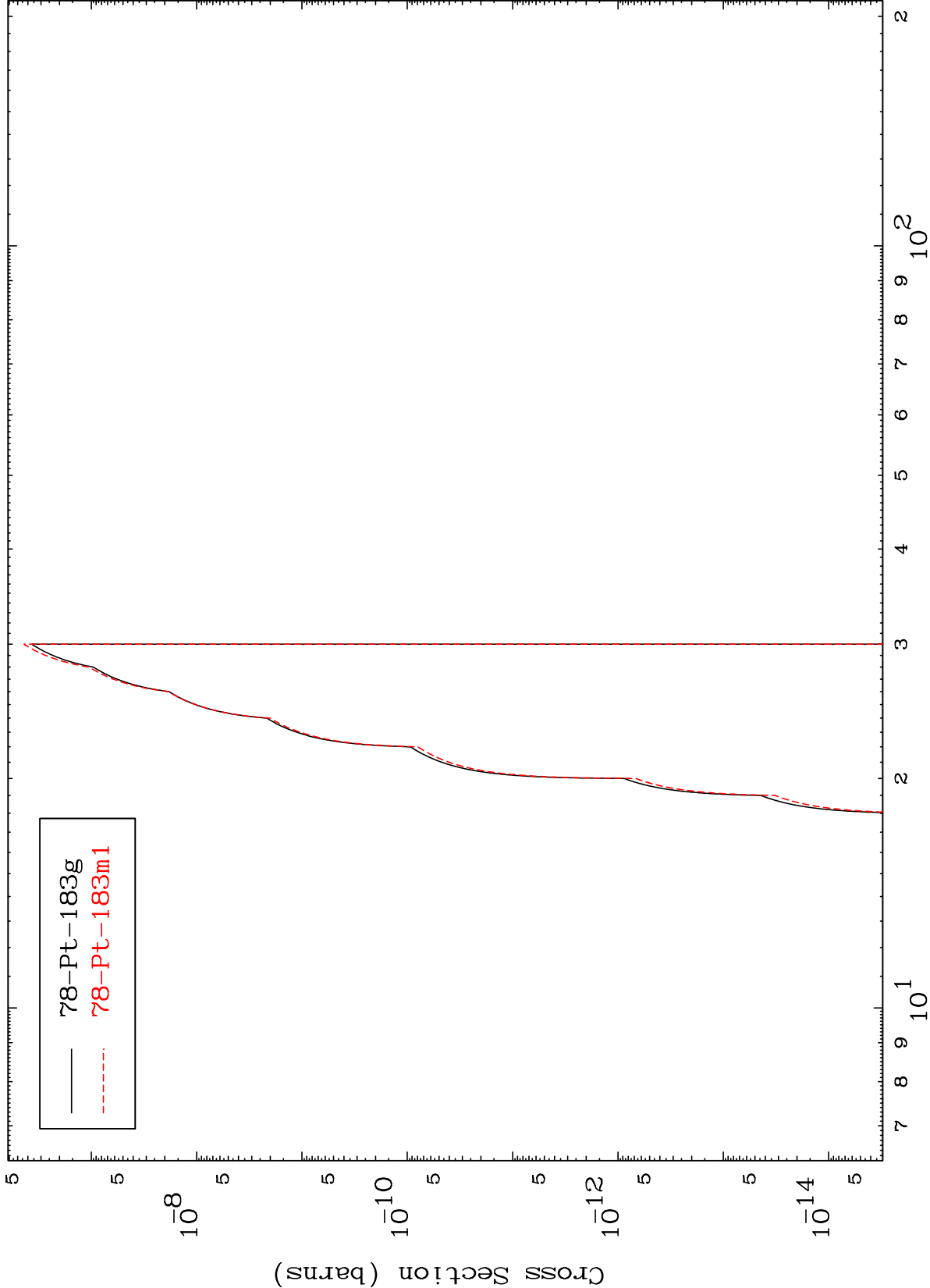
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

(γ, n') p α
Radionuclide Production Cross Section



16

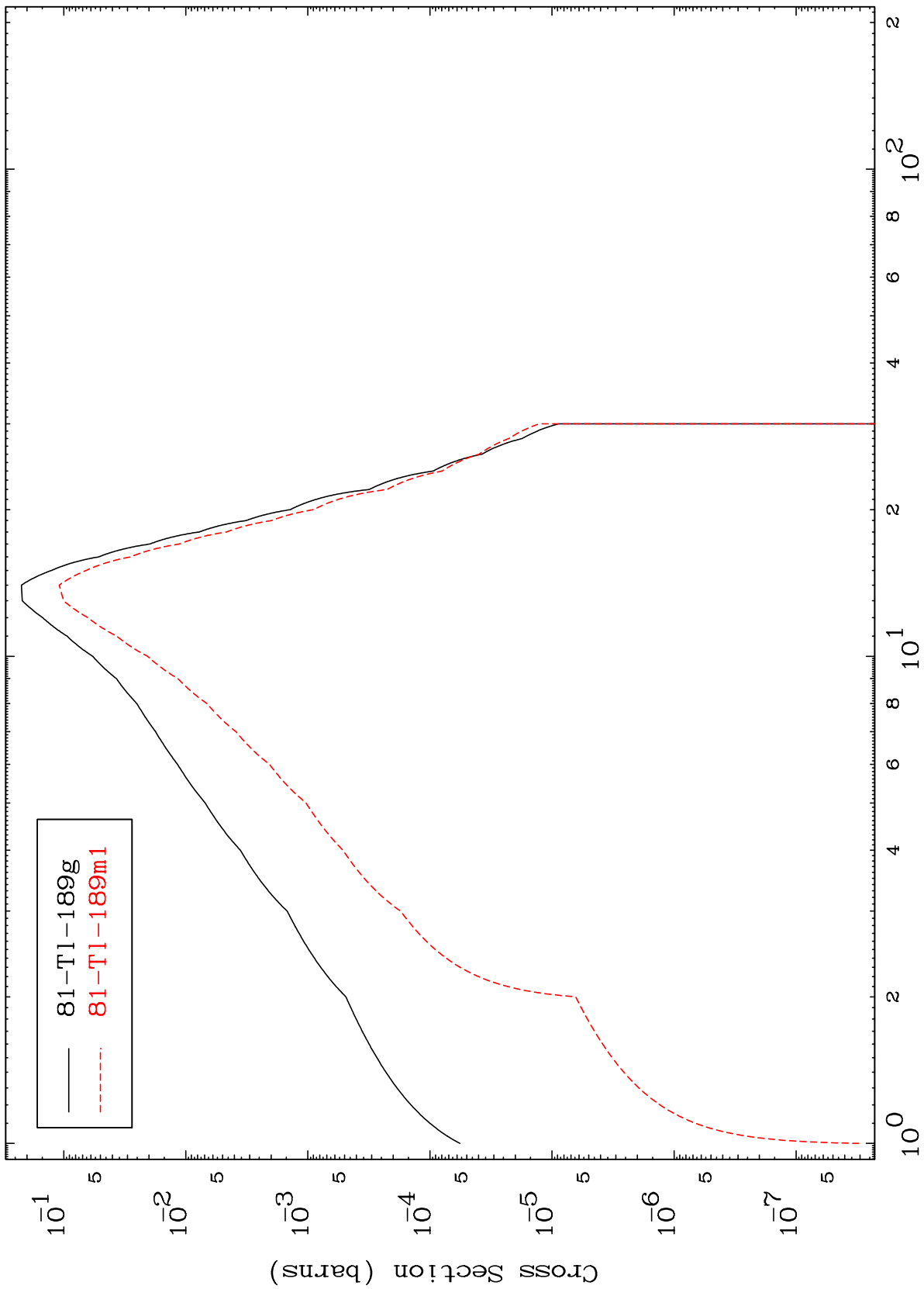
Incident Energy (MeV)

81-Tl-189

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81-Tl-189

Radionuclide Production Cross Section
(γ, γ)



81-Tl-189

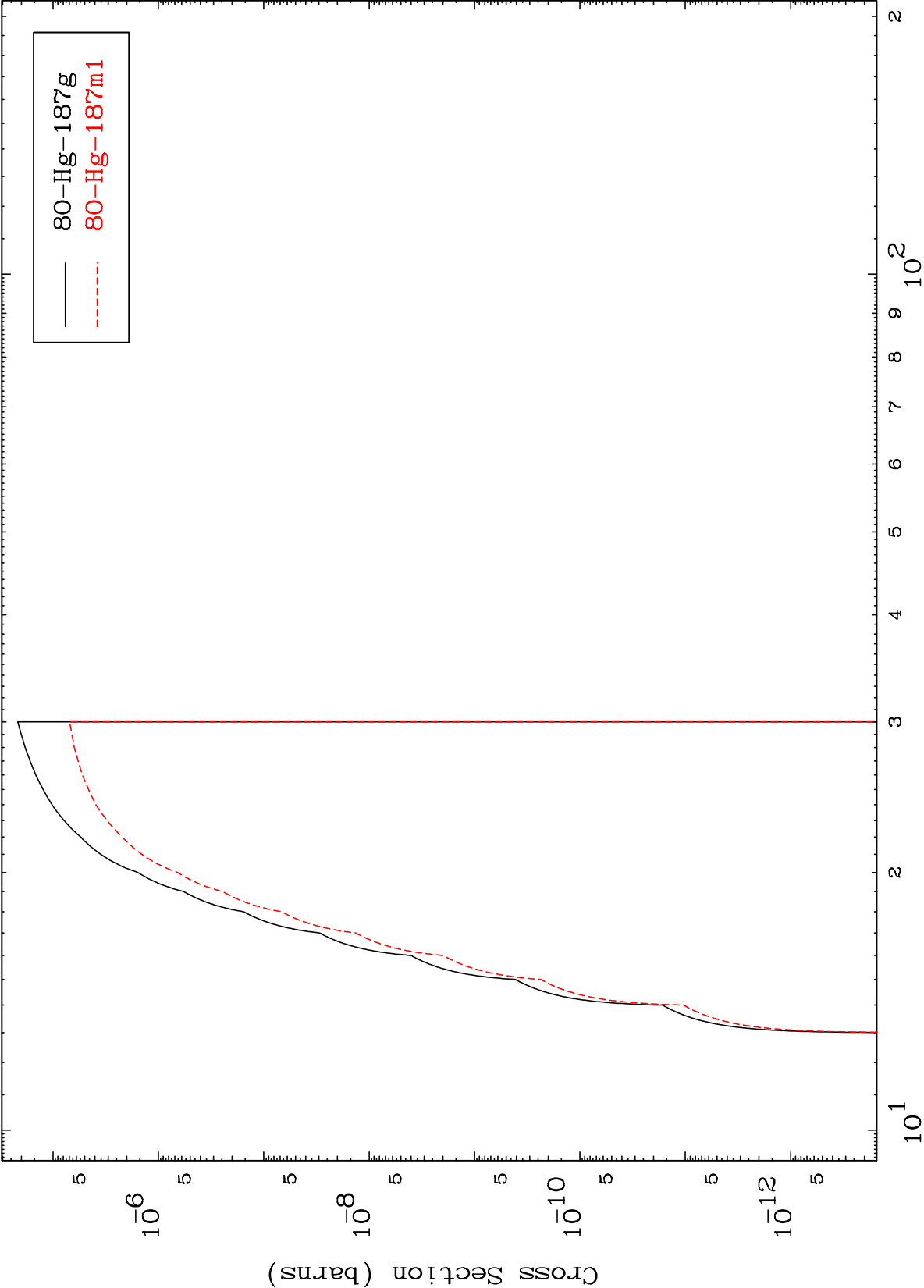
Incident Energy (MeV)

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81-Tl-189

Radionuclide Production Cross Section

(γ, d)



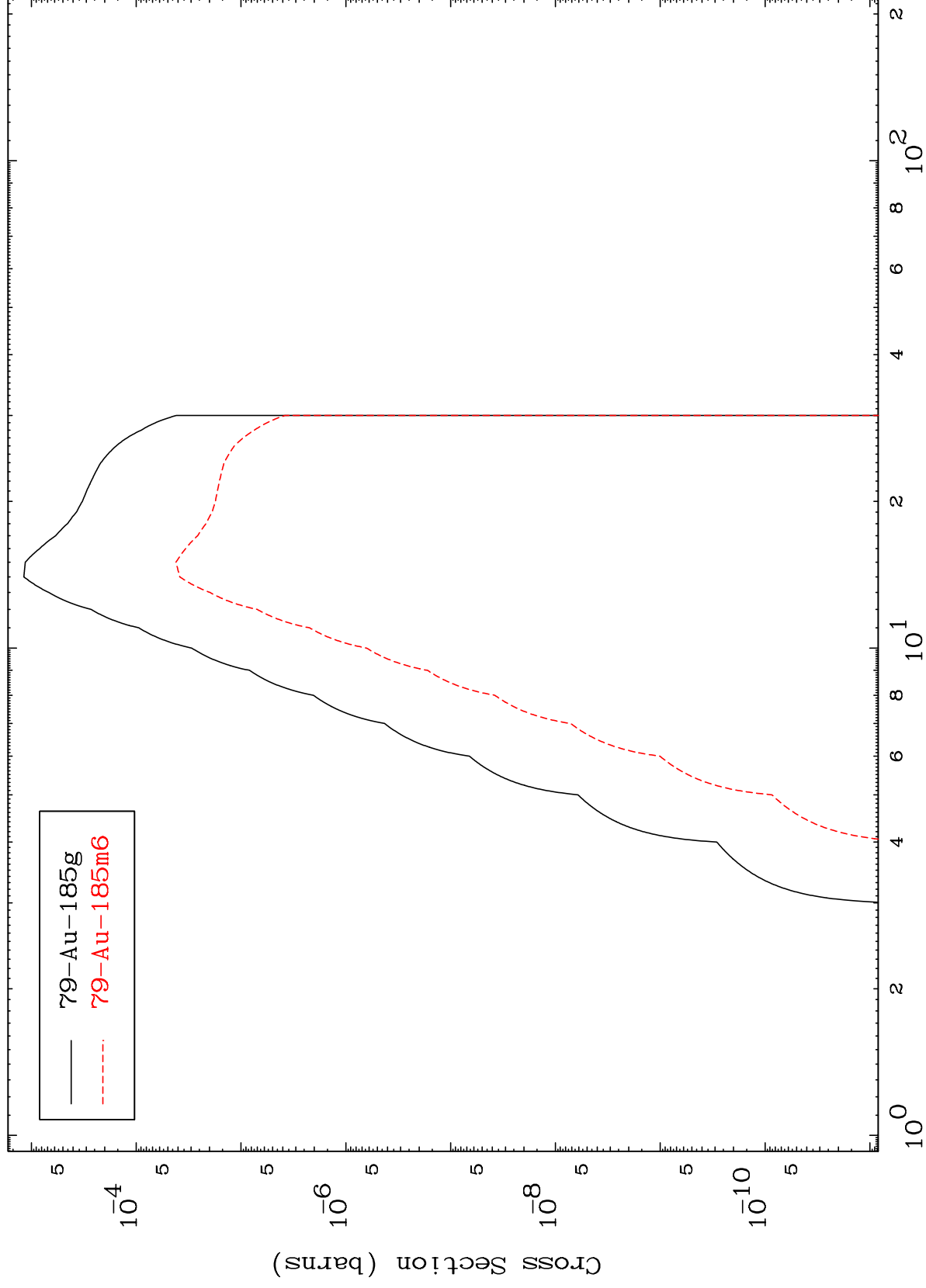
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

Radionuclide Production Cross Section
(γ, α)



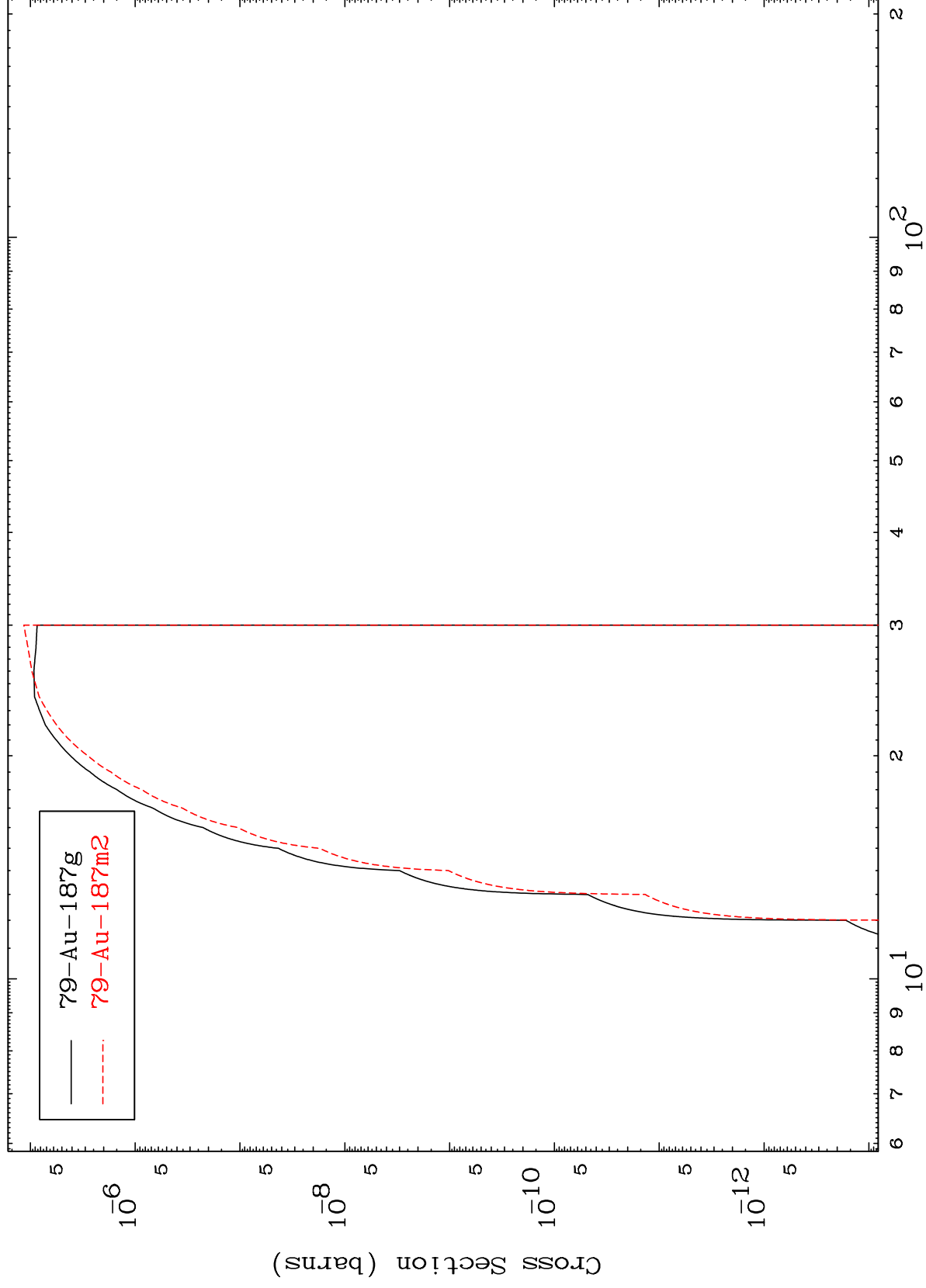
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

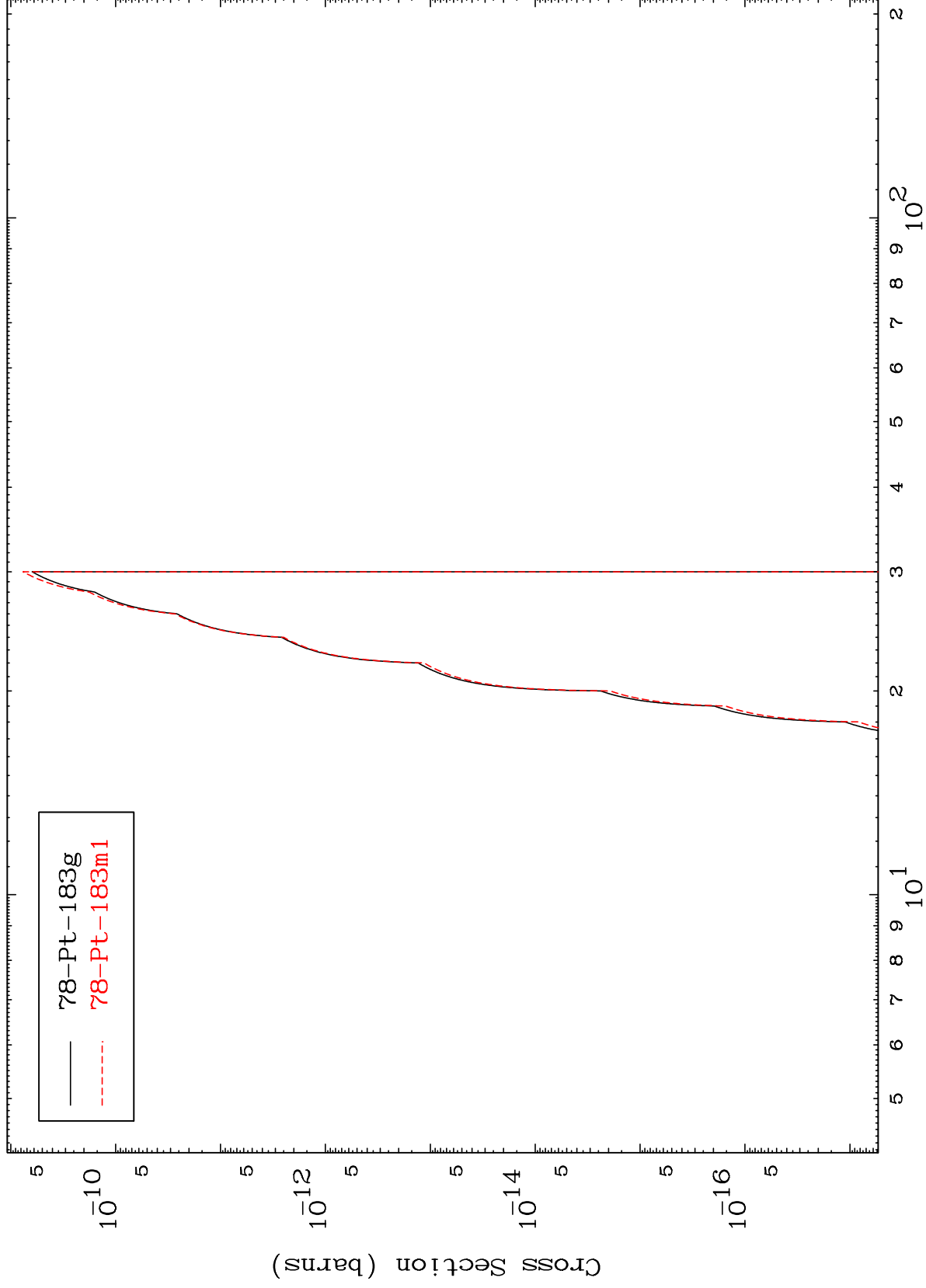
($\gamma, 2p$)
Radionuclide Production Cross Section



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81-Tl-189

$(\gamma, d) \alpha$
Radionuclide Production Cross Section



21

Incident Energy (MeV)

81-Tl-189