

Program EVALPLOT
(Version 2018-1)

by

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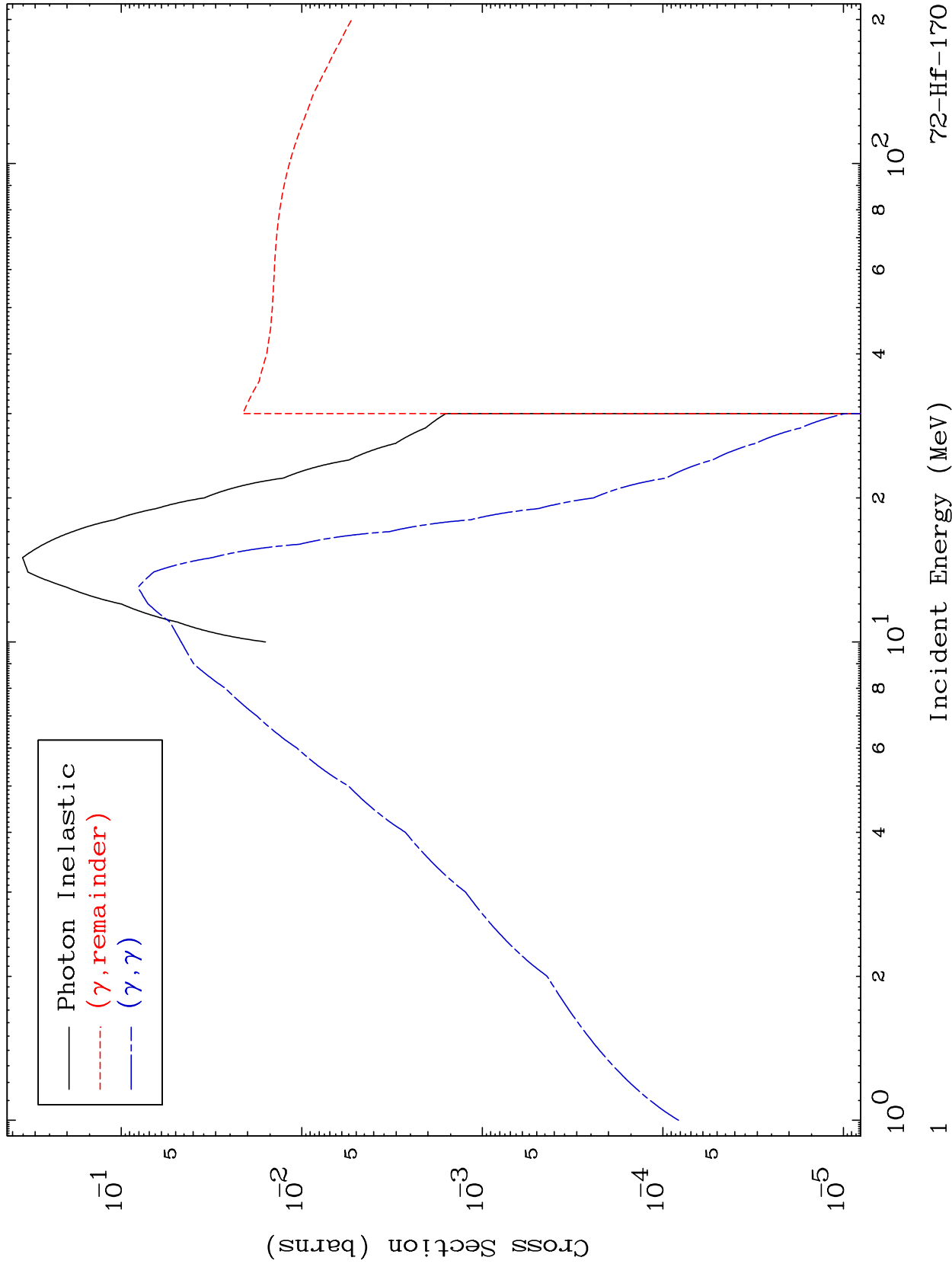
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7213

Photon Major
0 Kelvin Cross Sections

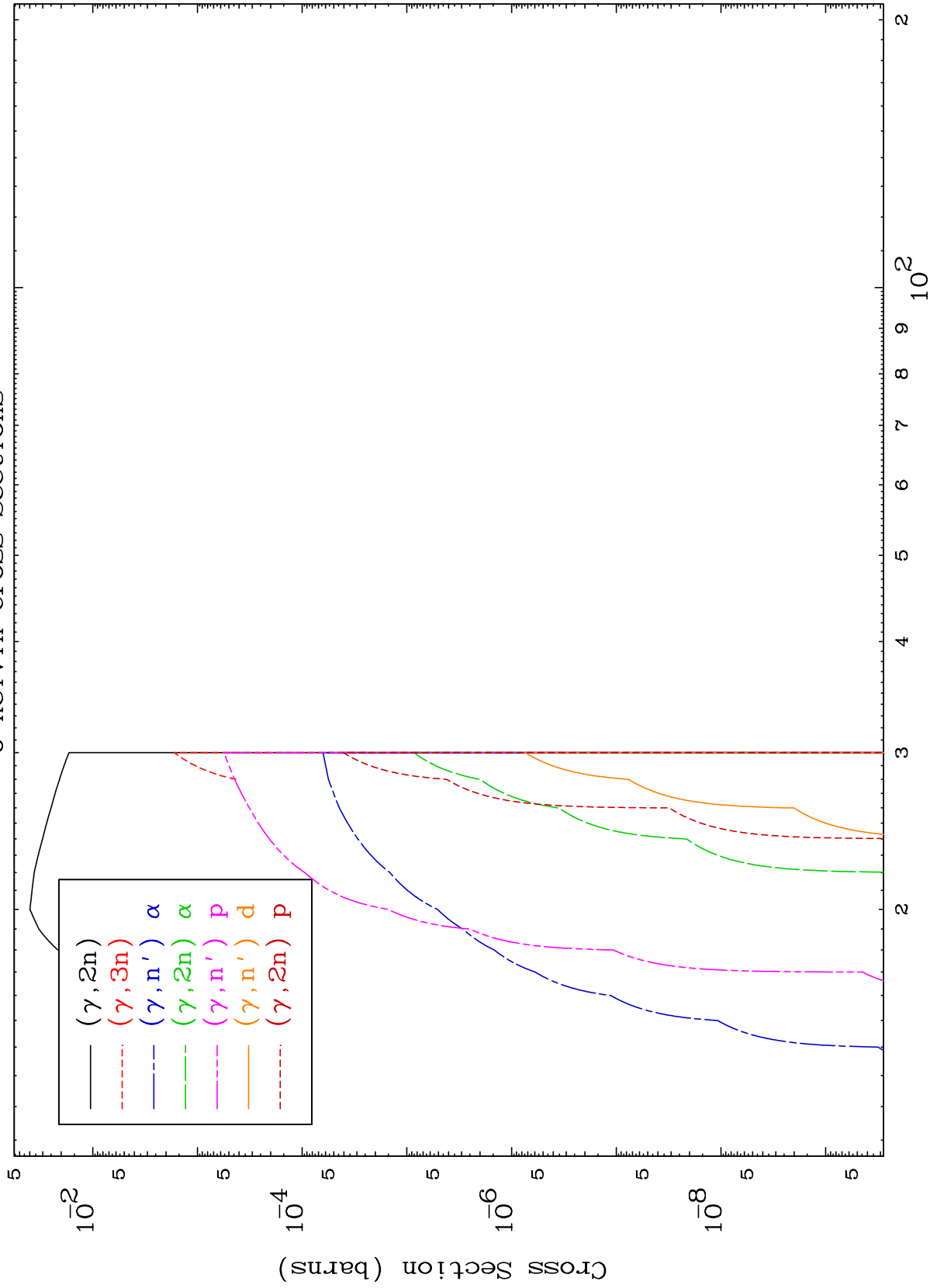
72-Hf-170



MAT 7213

Photon Neutron Production
0 Kelvin Cross Sections

72-Hf-170



2

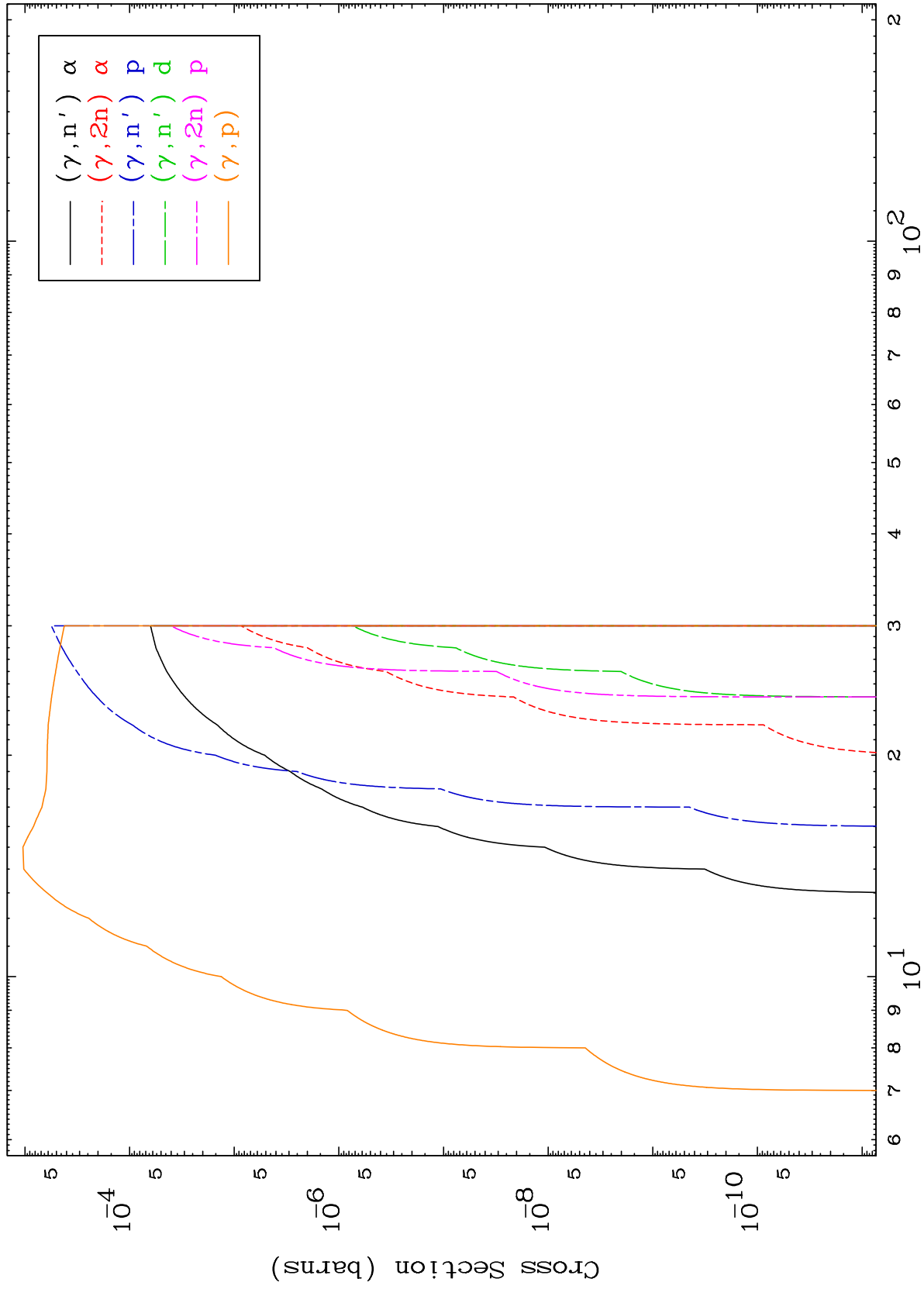
Incident Energy (MeV)

72-Hf-170

MAT 7213

Photon Charged Particle
0 Kelvin Cross Sections

72-Hf-170



3

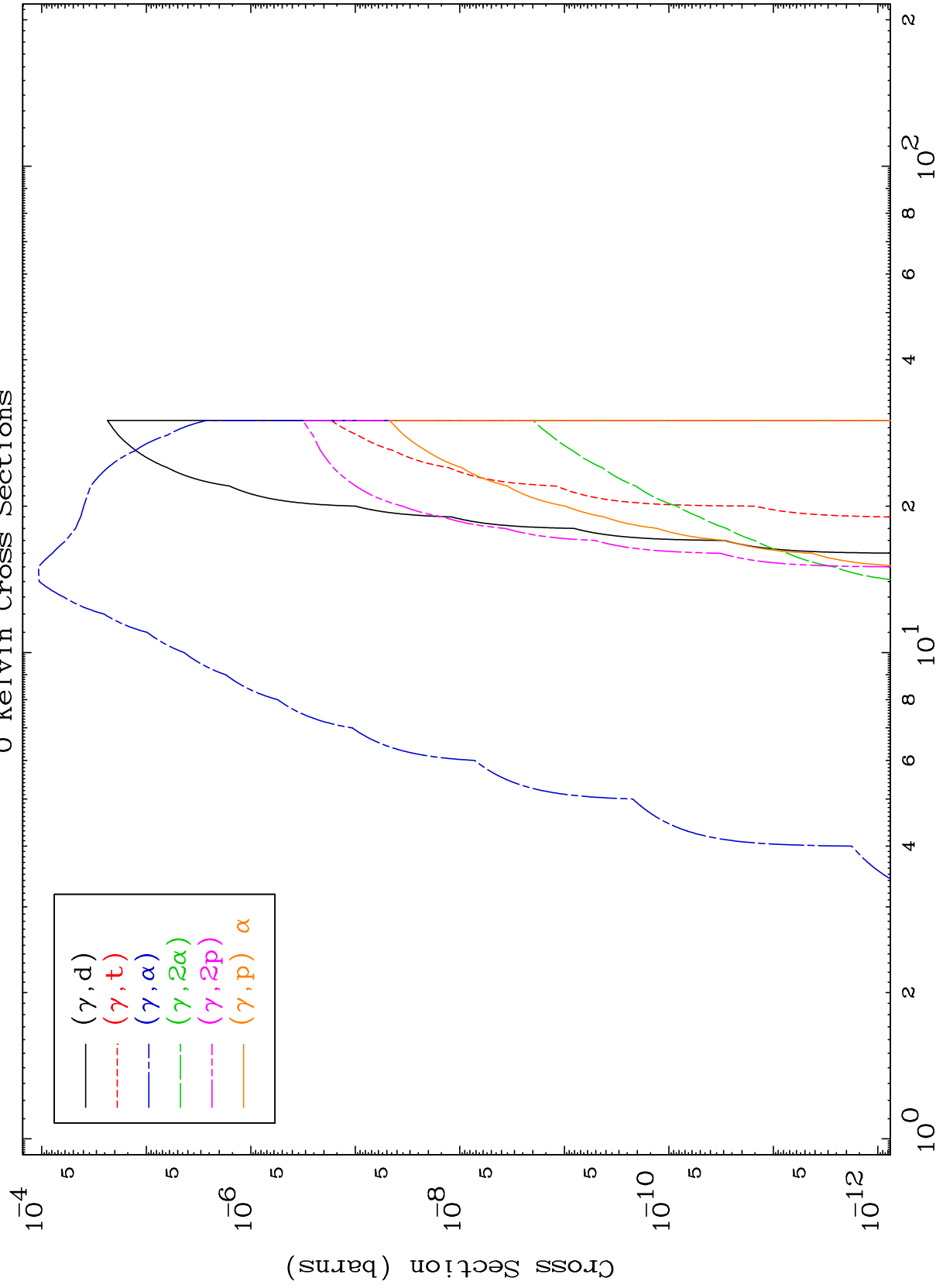
Incident Energy (MeV)

72-Hf-170

MAT 7213

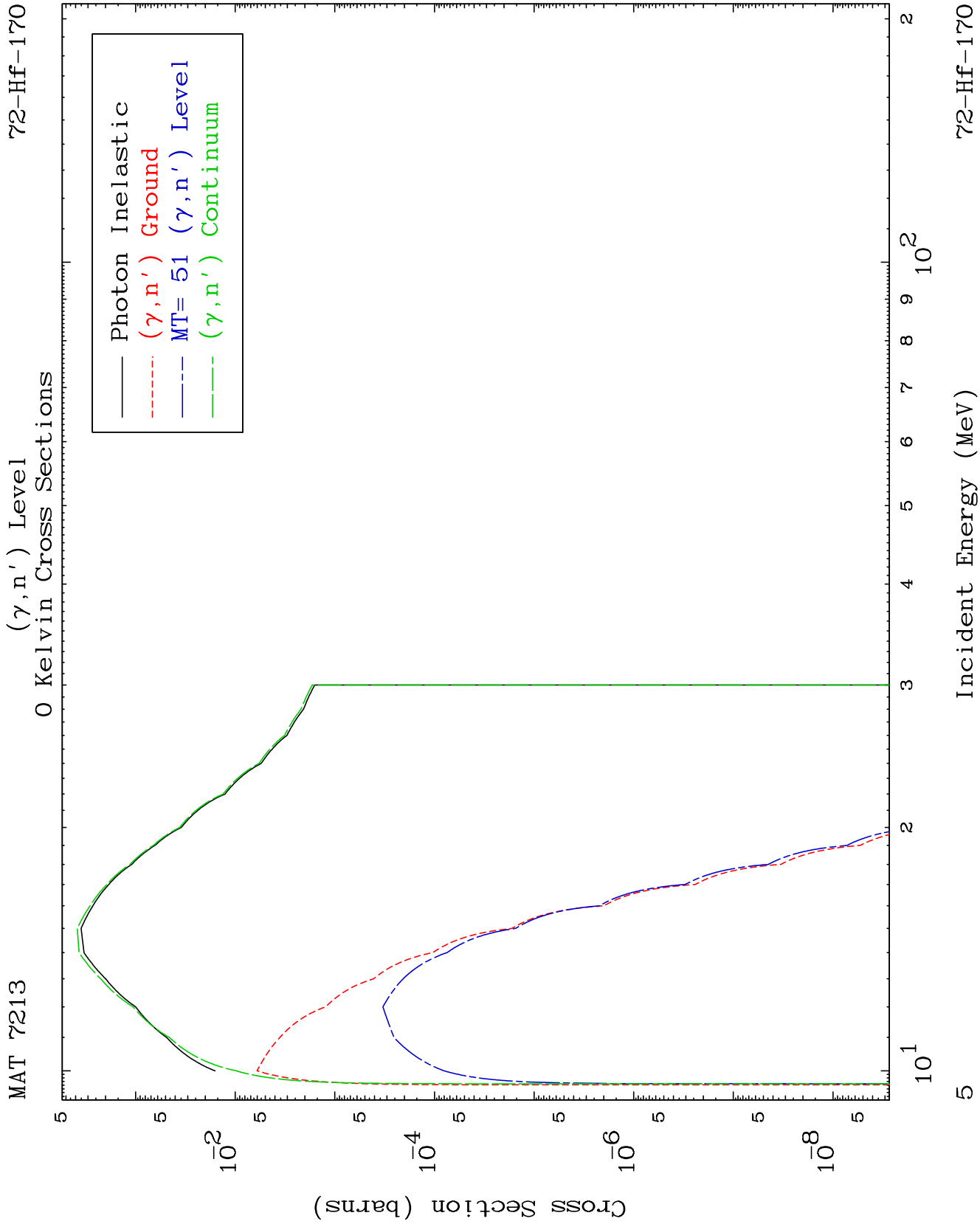
Photon Charged Particle
0 Kelvin Cross Sections

72-Hf-170



Incident Energy (MeV)

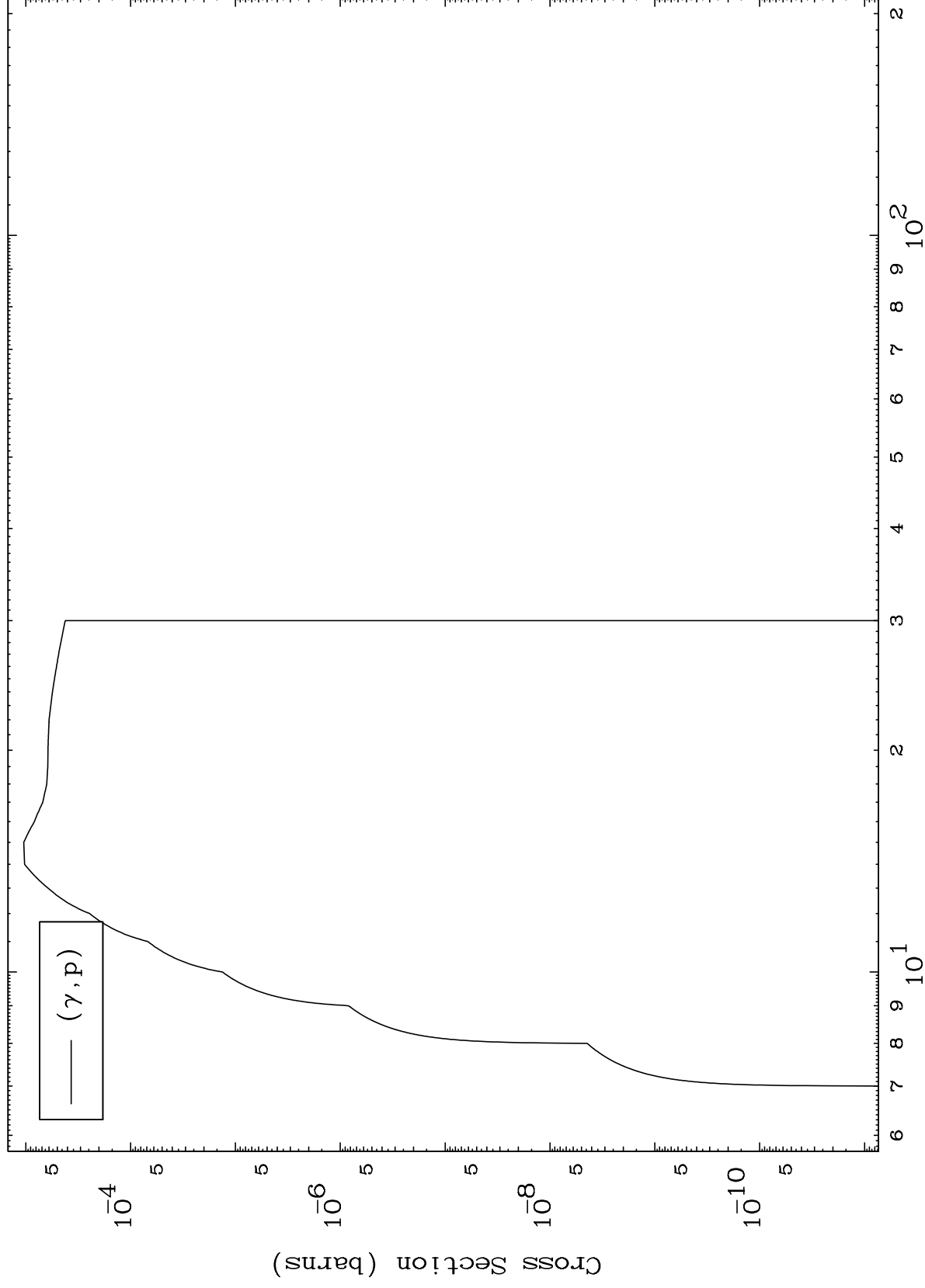
72-Hf-170



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72-Hf-170

(γ, p) Levels
0 Kelvin Cross Sections

 (γ, p) Levels

9

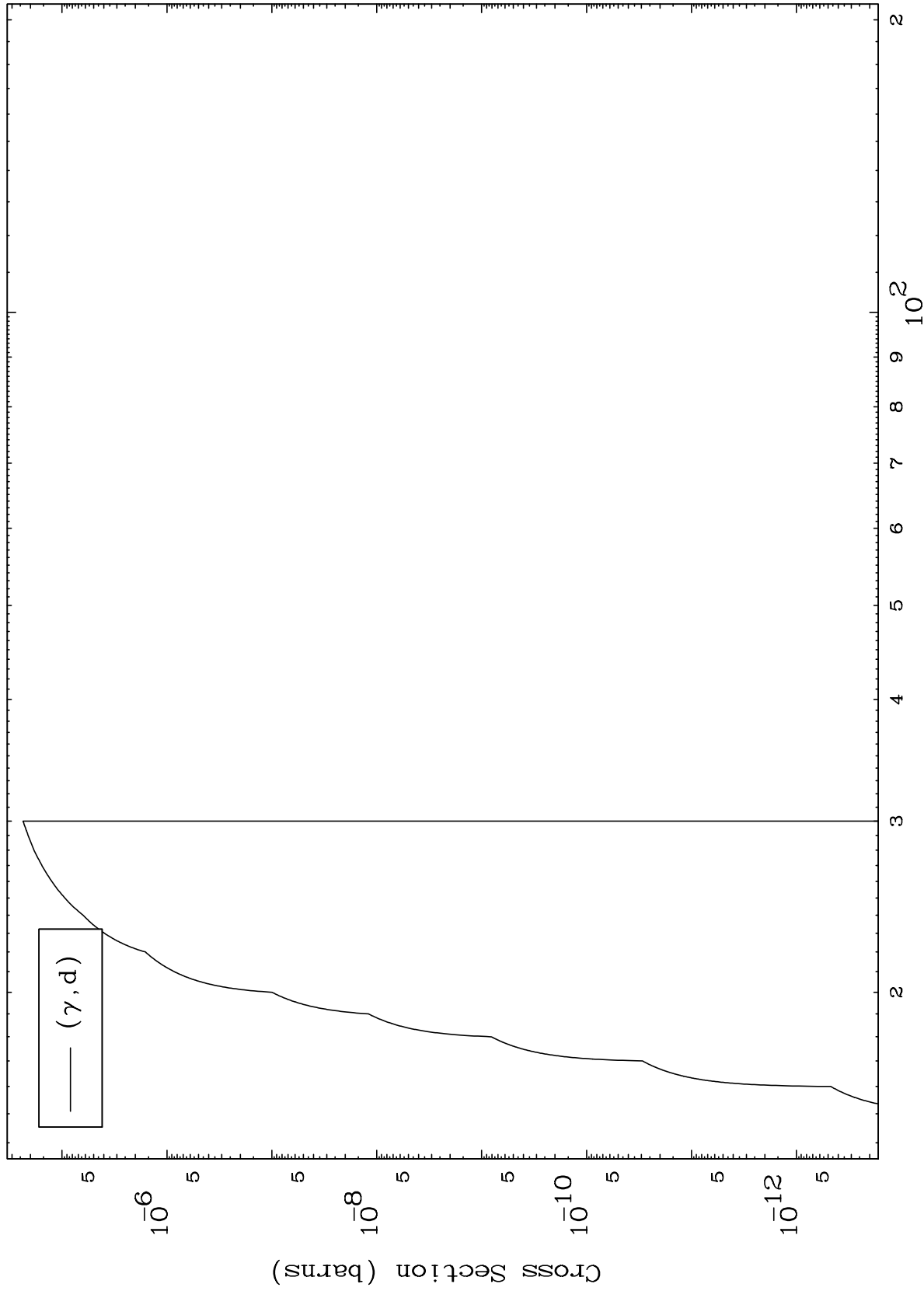
Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170

(γ ,d) Levels
0 Kelvin Cross Sections



7

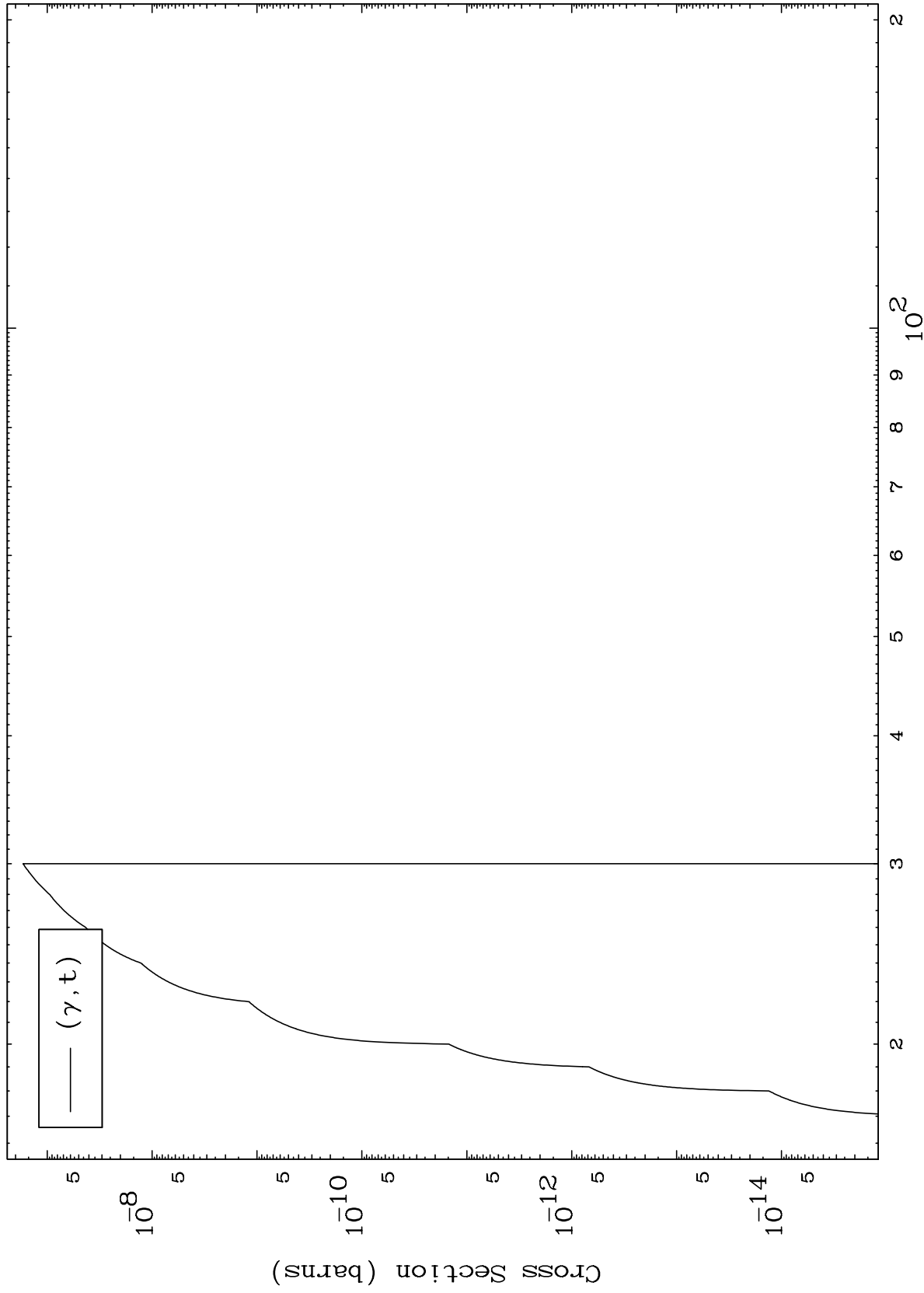
Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170

(γ, t) Levels
0 Kelvin Cross Sections



8

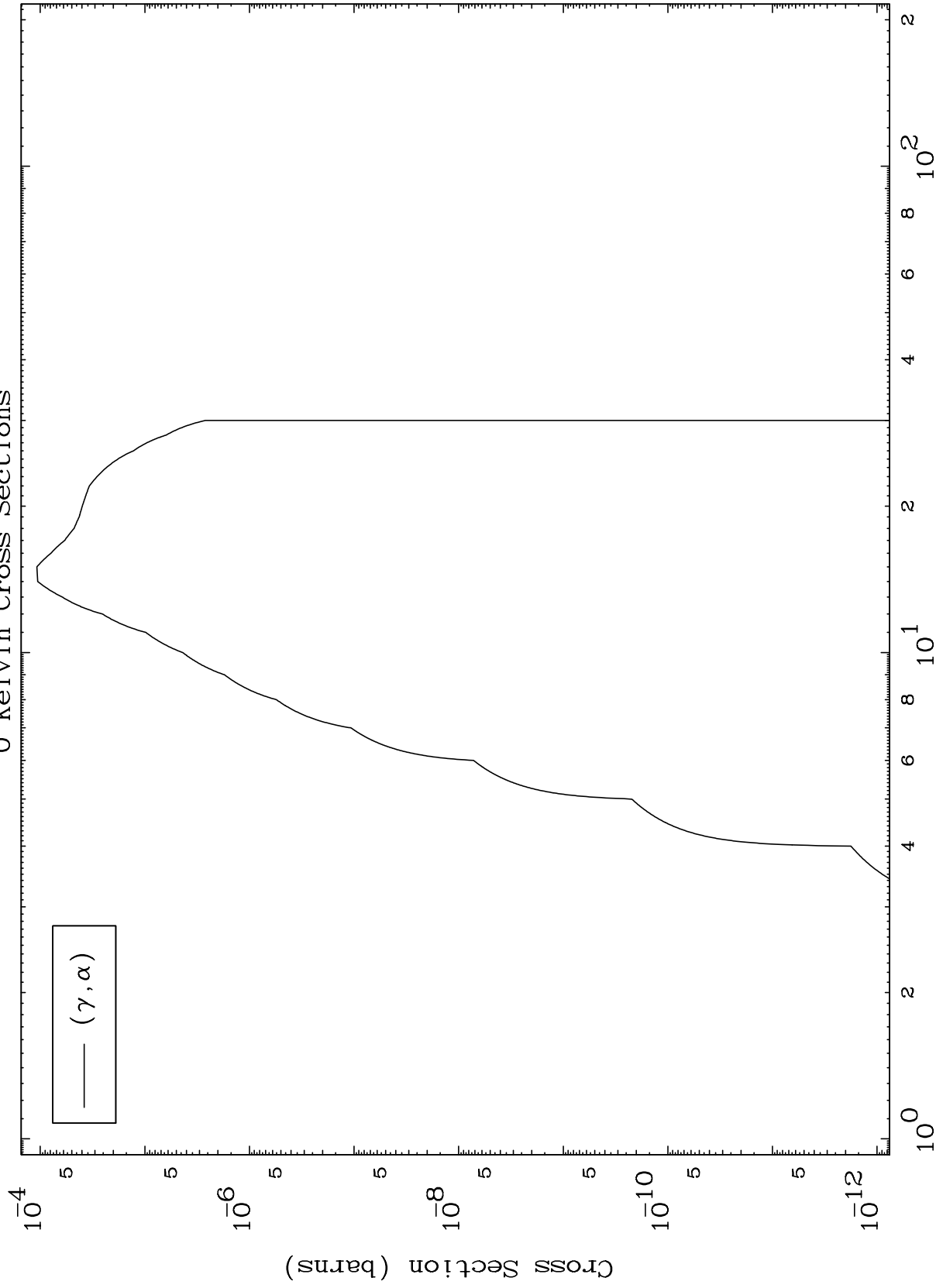
Incident Energy (MeV)

72-Hf-170

MAT 7213

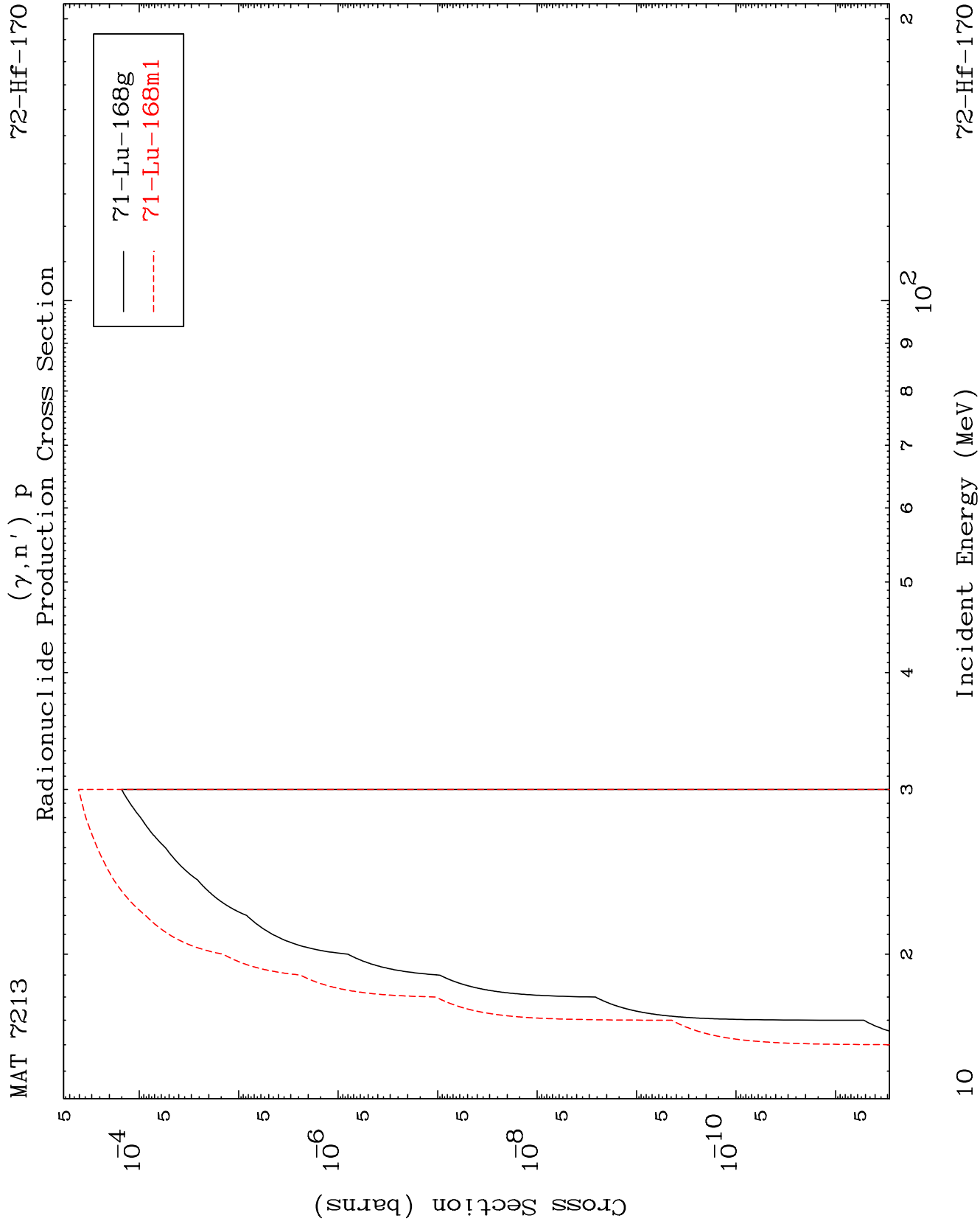
72-Hf-170

(γ, α) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

72-Hf-170

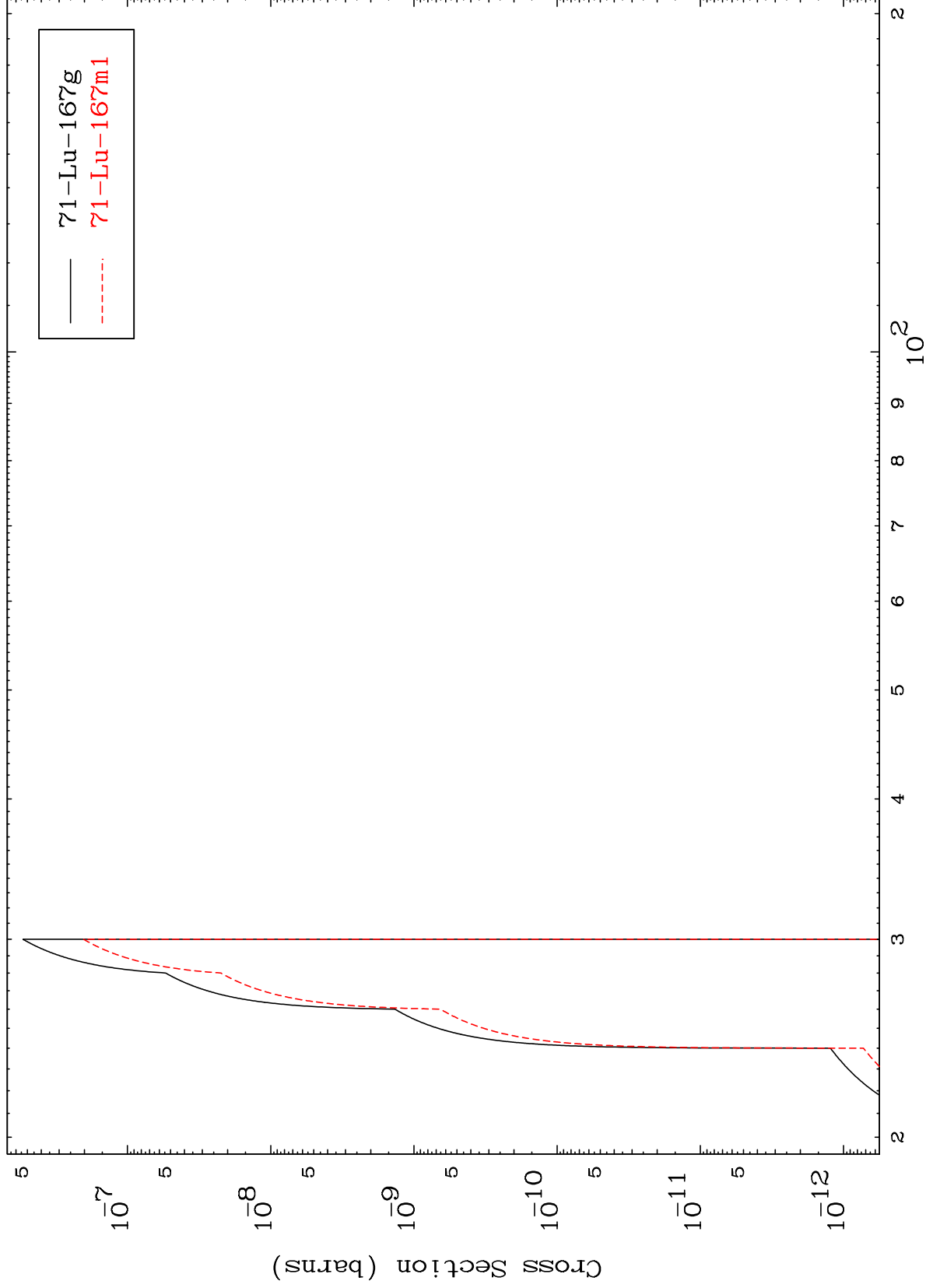


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(γ, n') d

Radionuclide Production Cross Section

⁷²Hf-¹⁷⁰



11

Incident Energy (MeV)

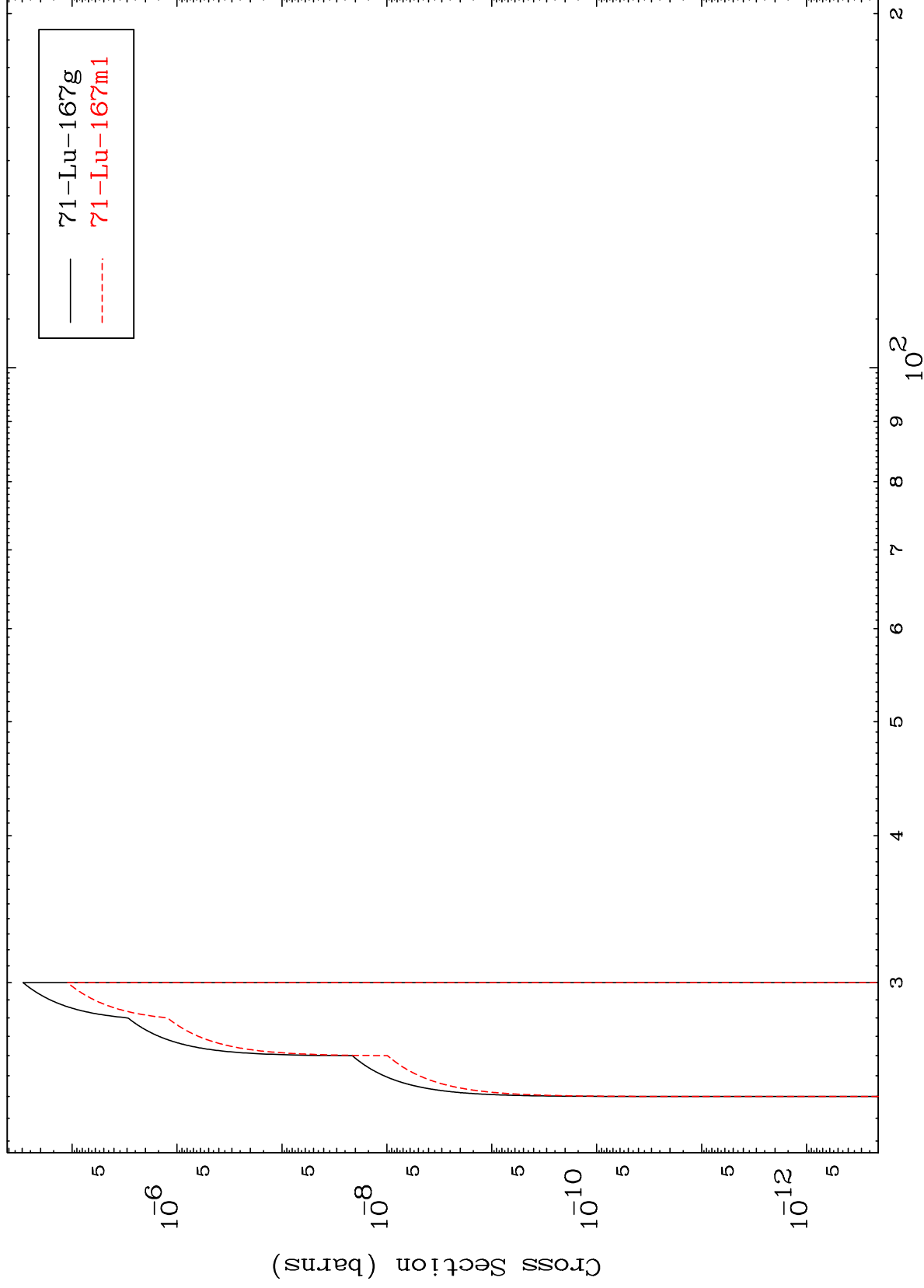
⁷²Hf-¹⁷⁰

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$(\gamma, 2n)$ p

72-Hf-170

Radionuclide Production Cross Section



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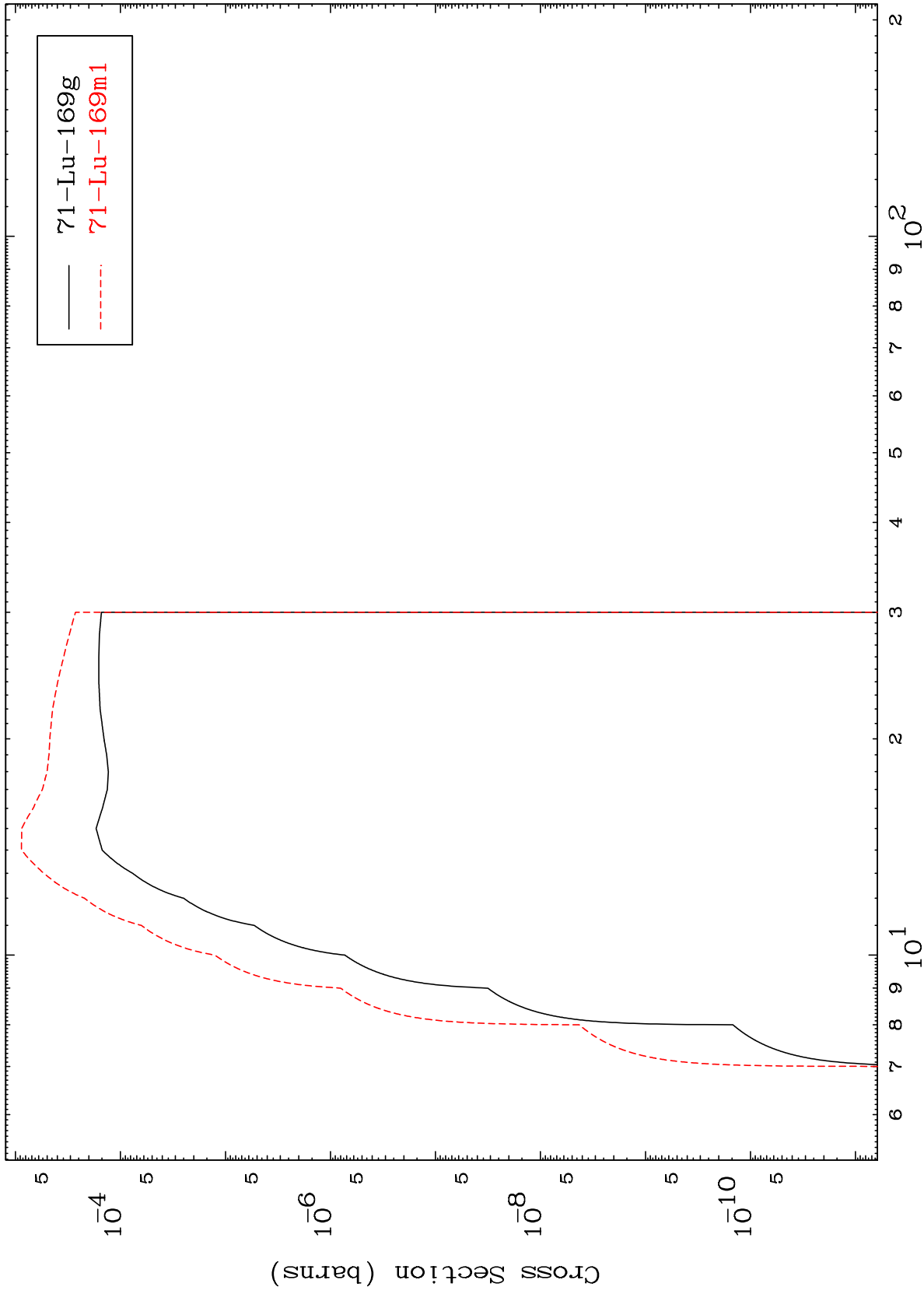
Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170

(γ, p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

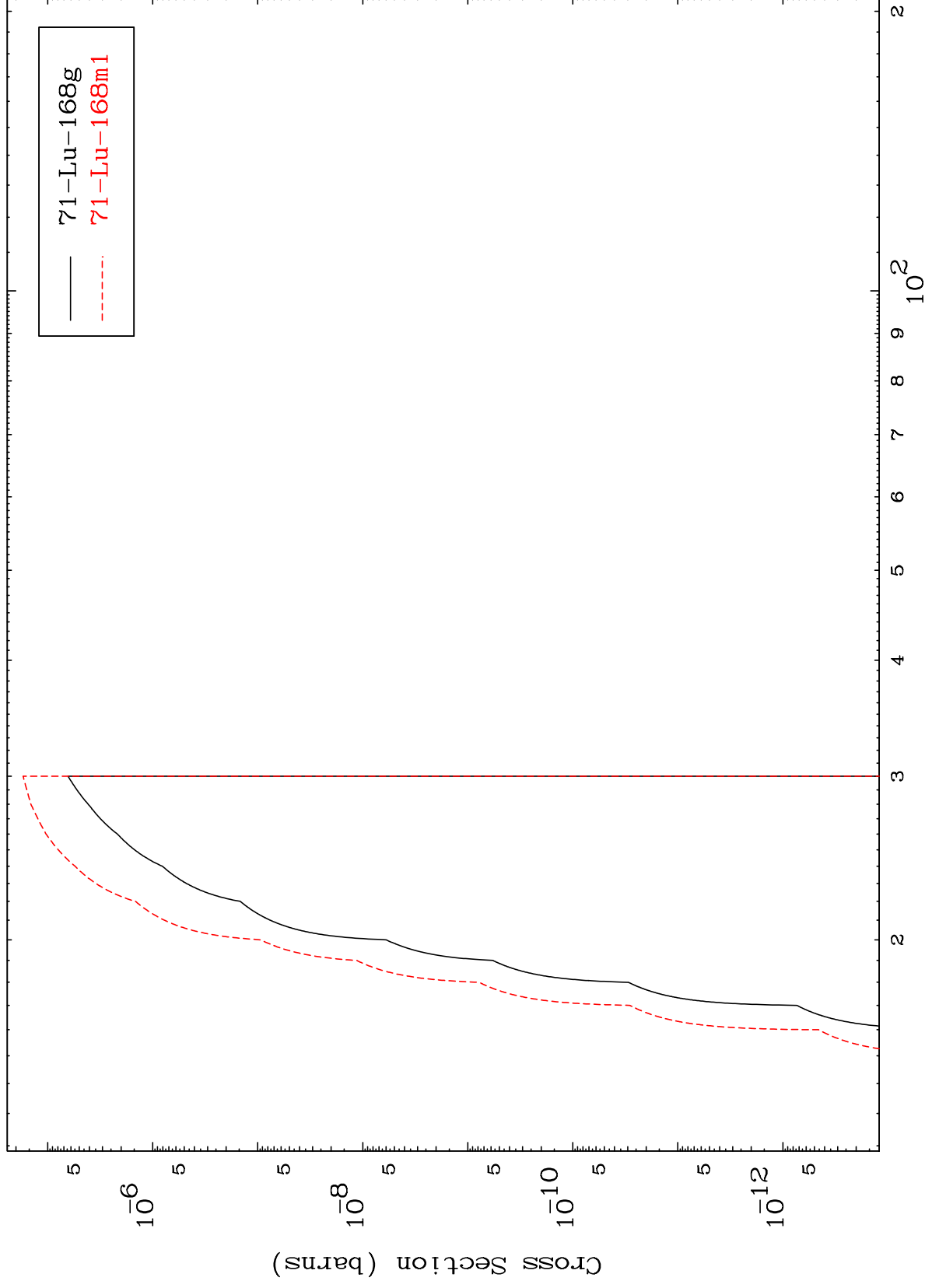
72-Hf-170

MAT 7213

(γ, d)

$^{72}\text{Hf}-^{170}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

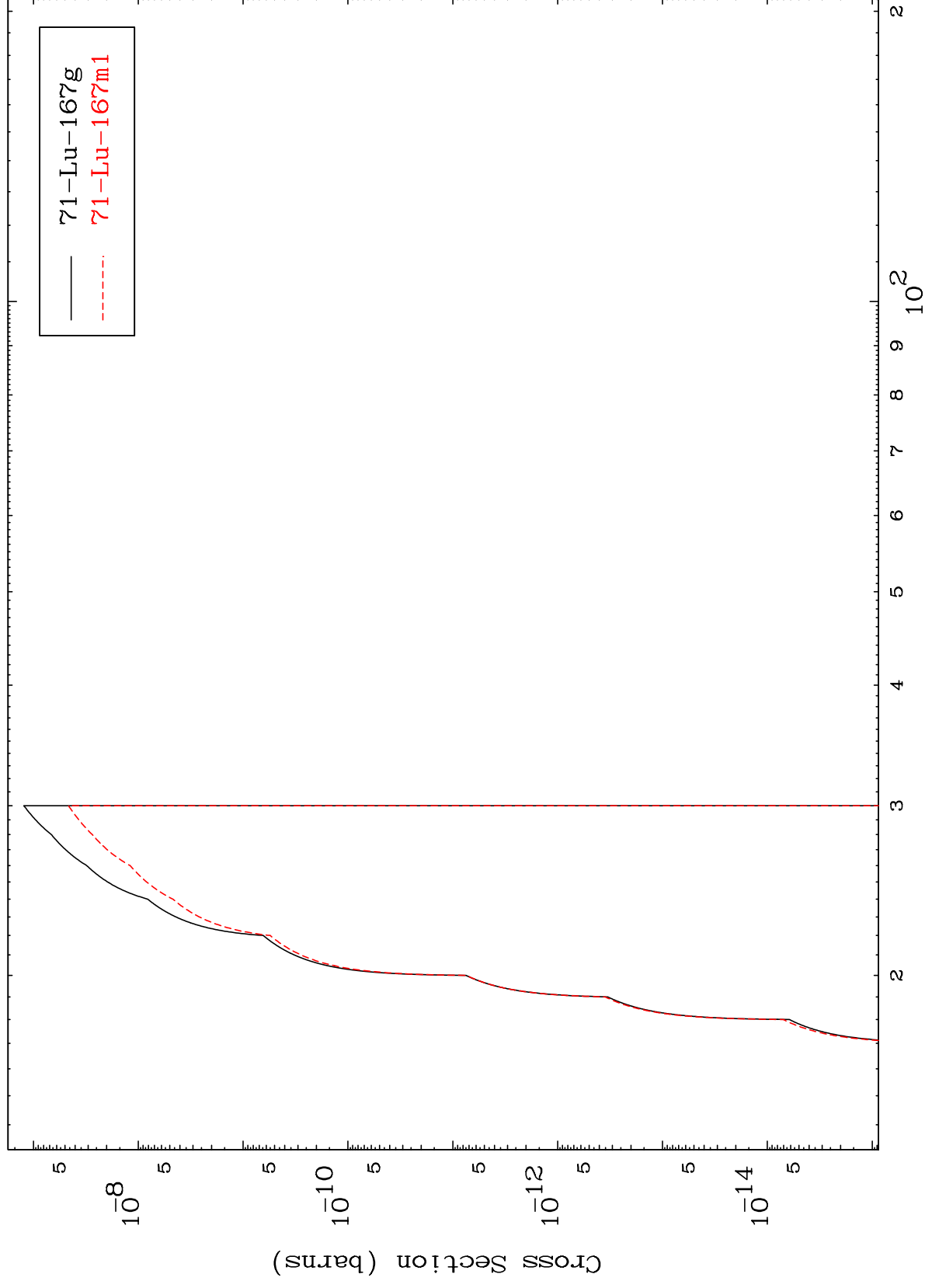
$^{72}\text{Hf}-^{170}$

MAT 7213

 (γ, t)

72-Hf-170

Radionuclide Production Cross Section



15

Incident Energy (MeV)

72-Hf-170