

Program EVALPLOT
(Version 2018-1)

by

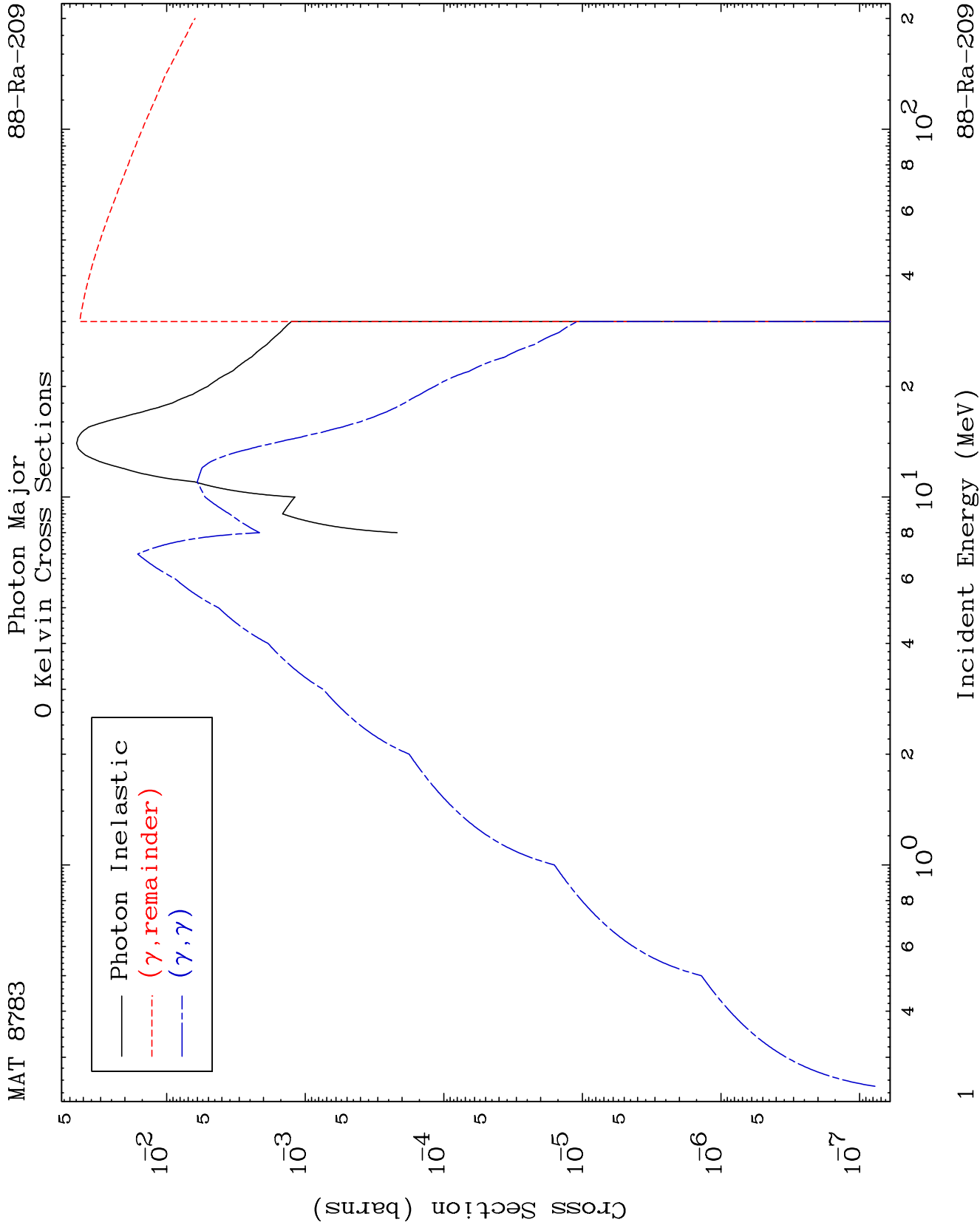
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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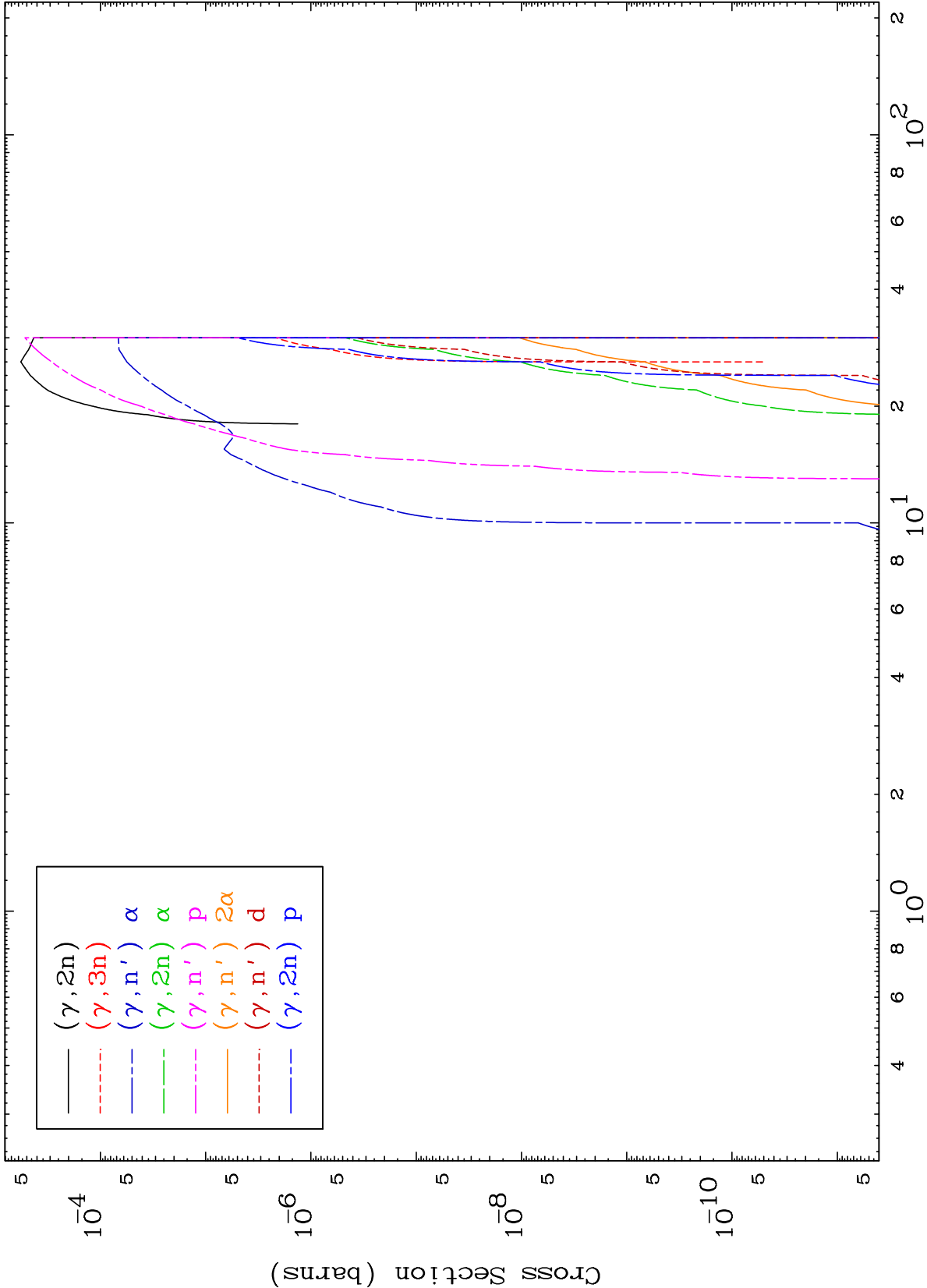
Press Mouse Button to Start

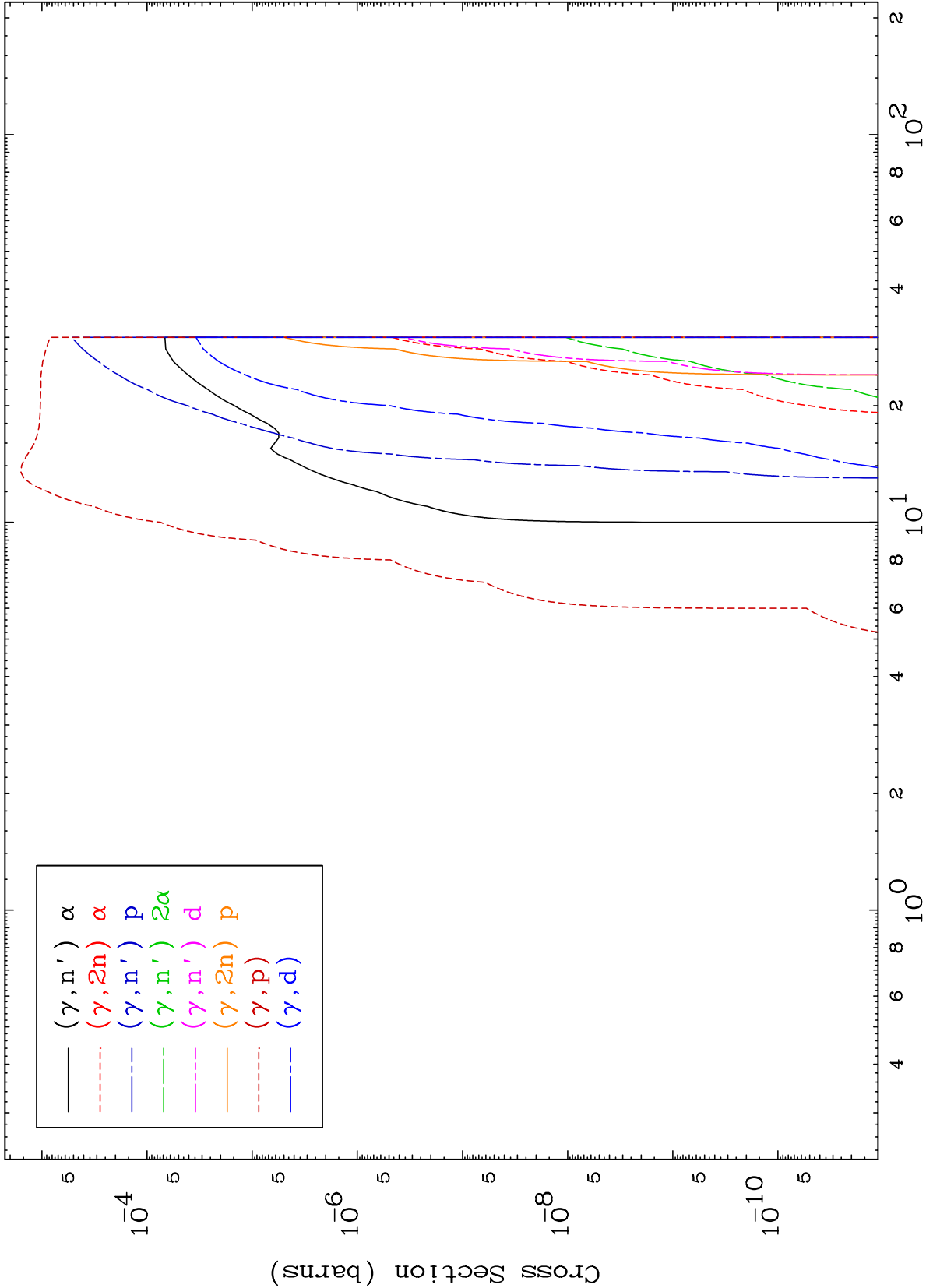


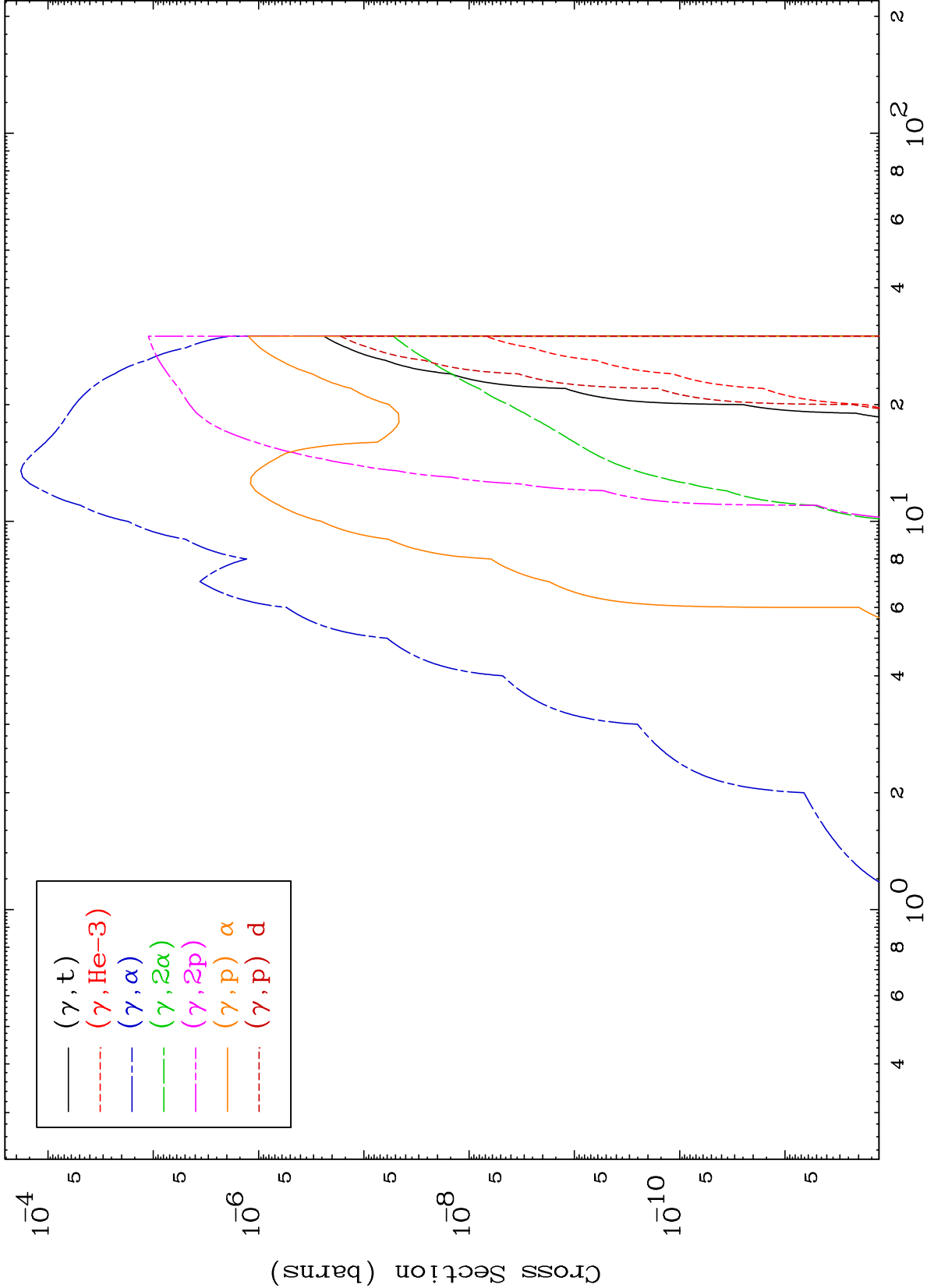
MAT 8783

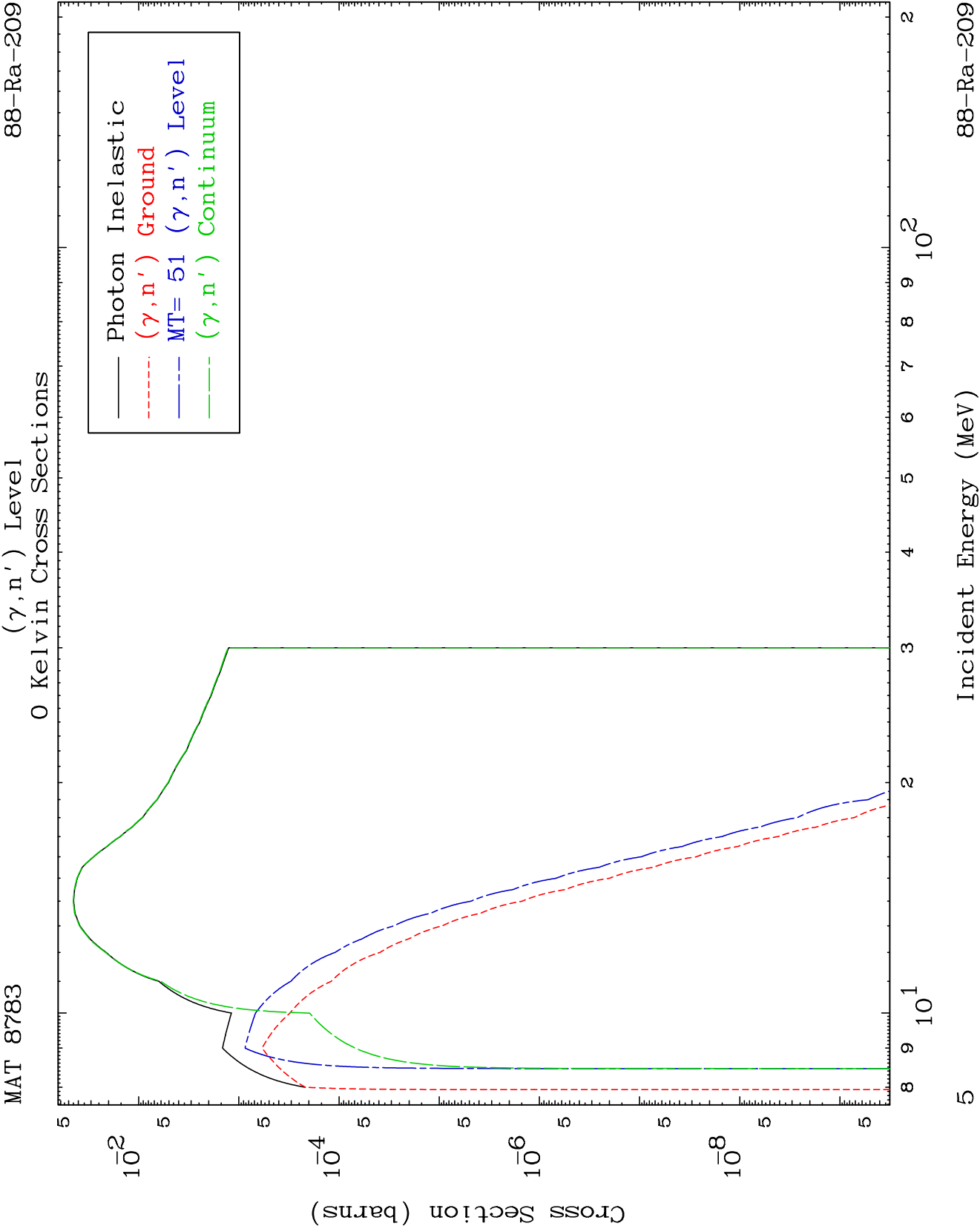
Photon Neutron Production
0 Kelvin Cross Sections

88-Ra-209





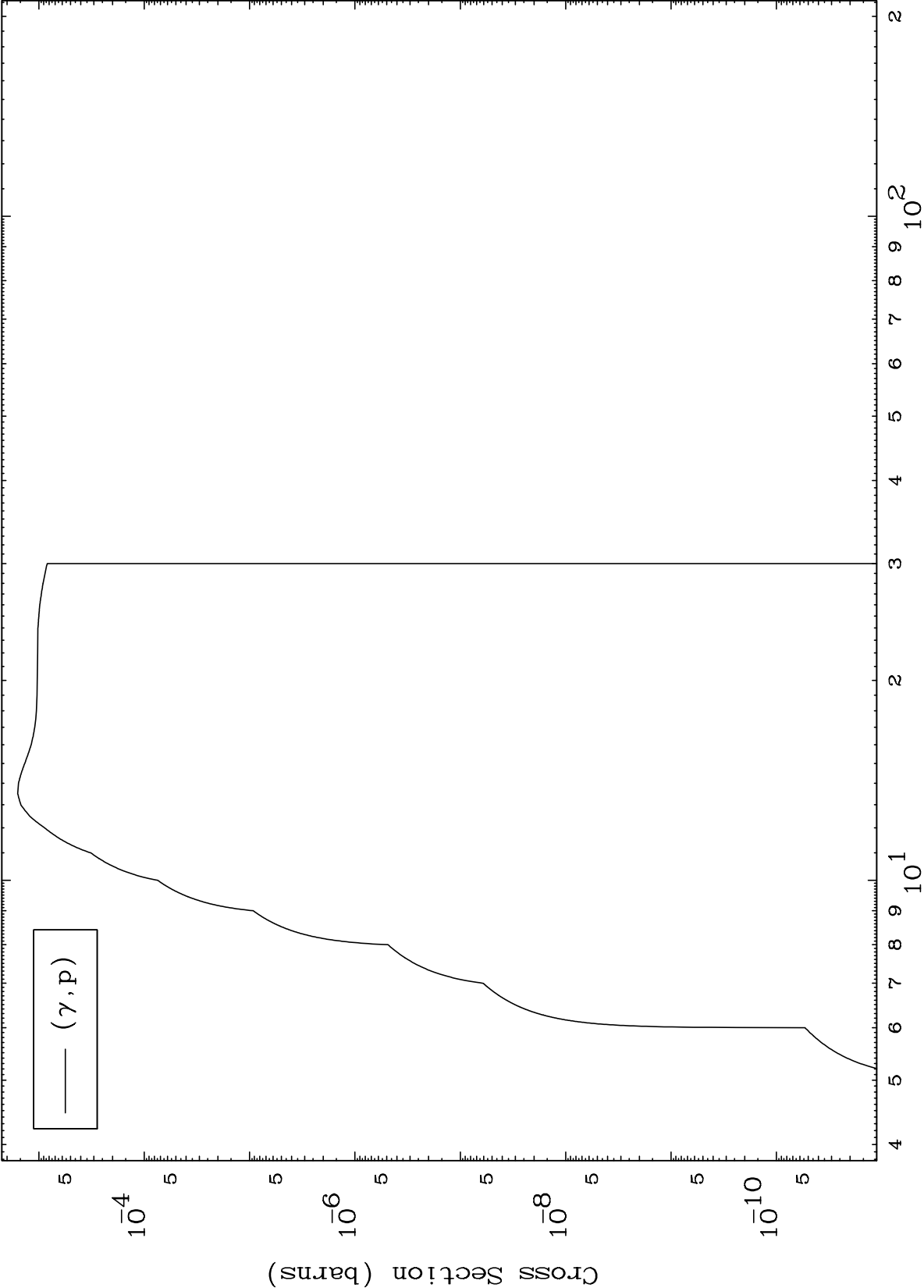




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88-Ra-209

(γ ,p) Levels
0 Kelvin Cross Sections



88-Ra-209

Incident Energy (MeV)

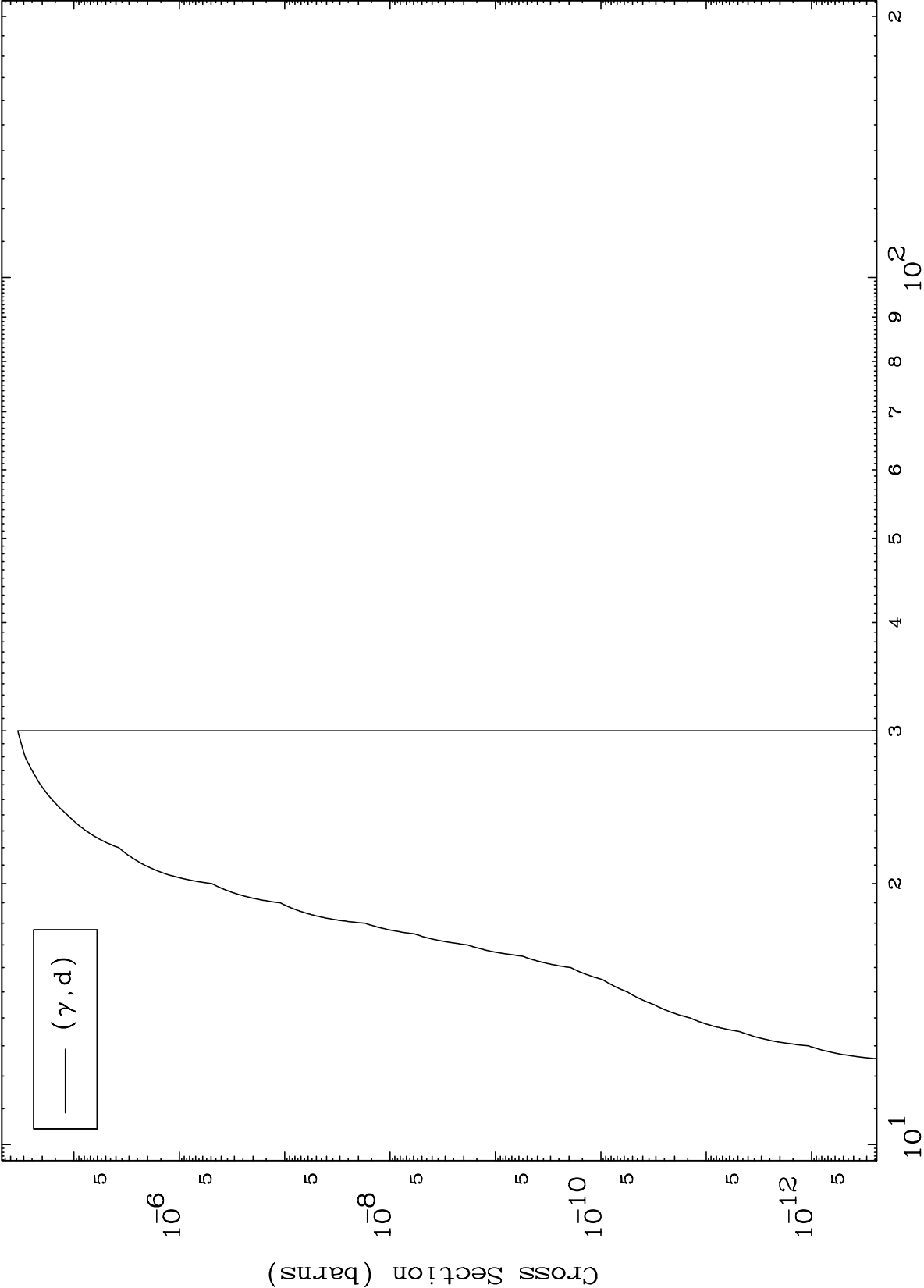
6

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(γ ,d) Levels

88-Ra-209

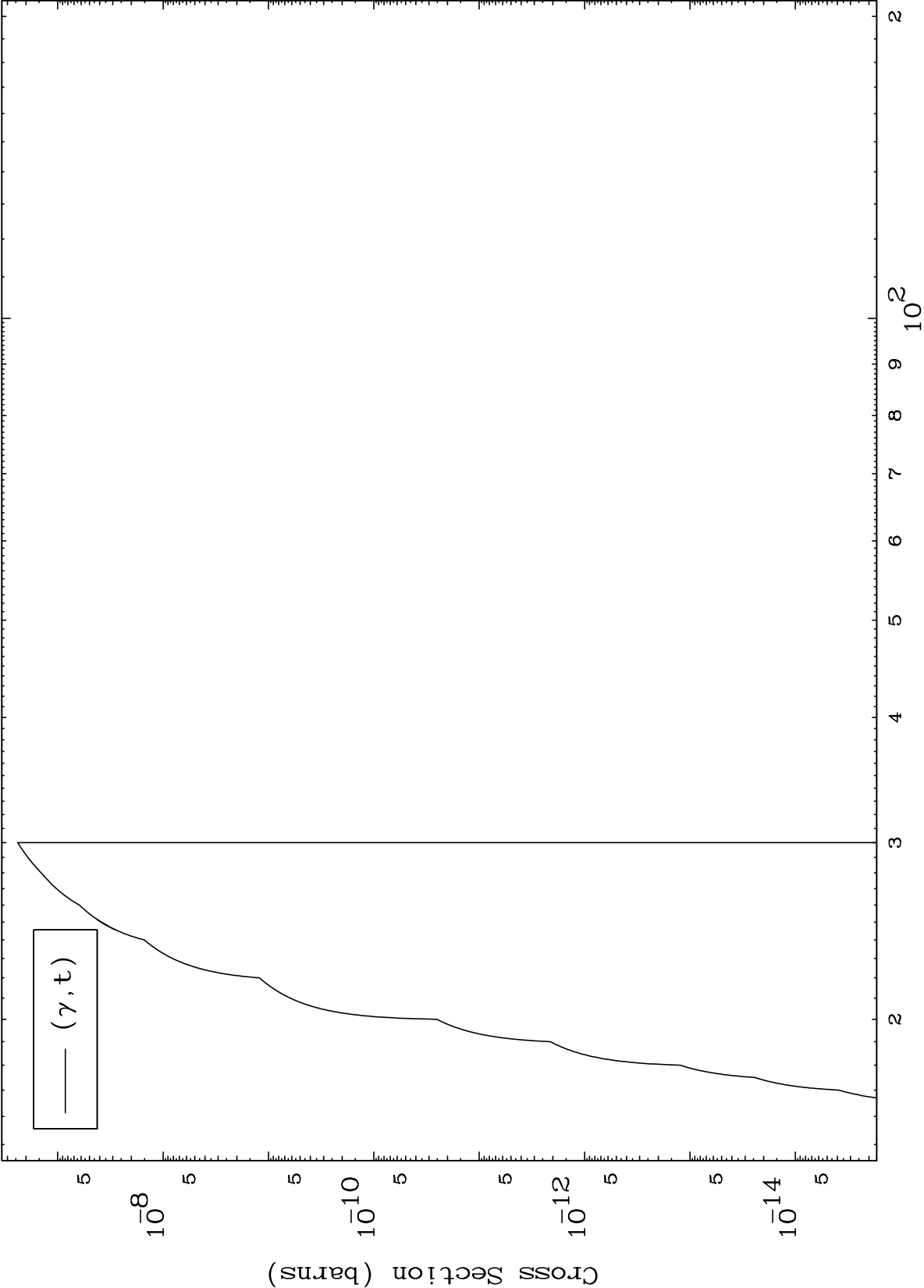
0 Kelvin Cross Sections



Incident Energy (MeV)

88-Ra-209

(γ, t) Levels
0 Kelvin Cross Sections

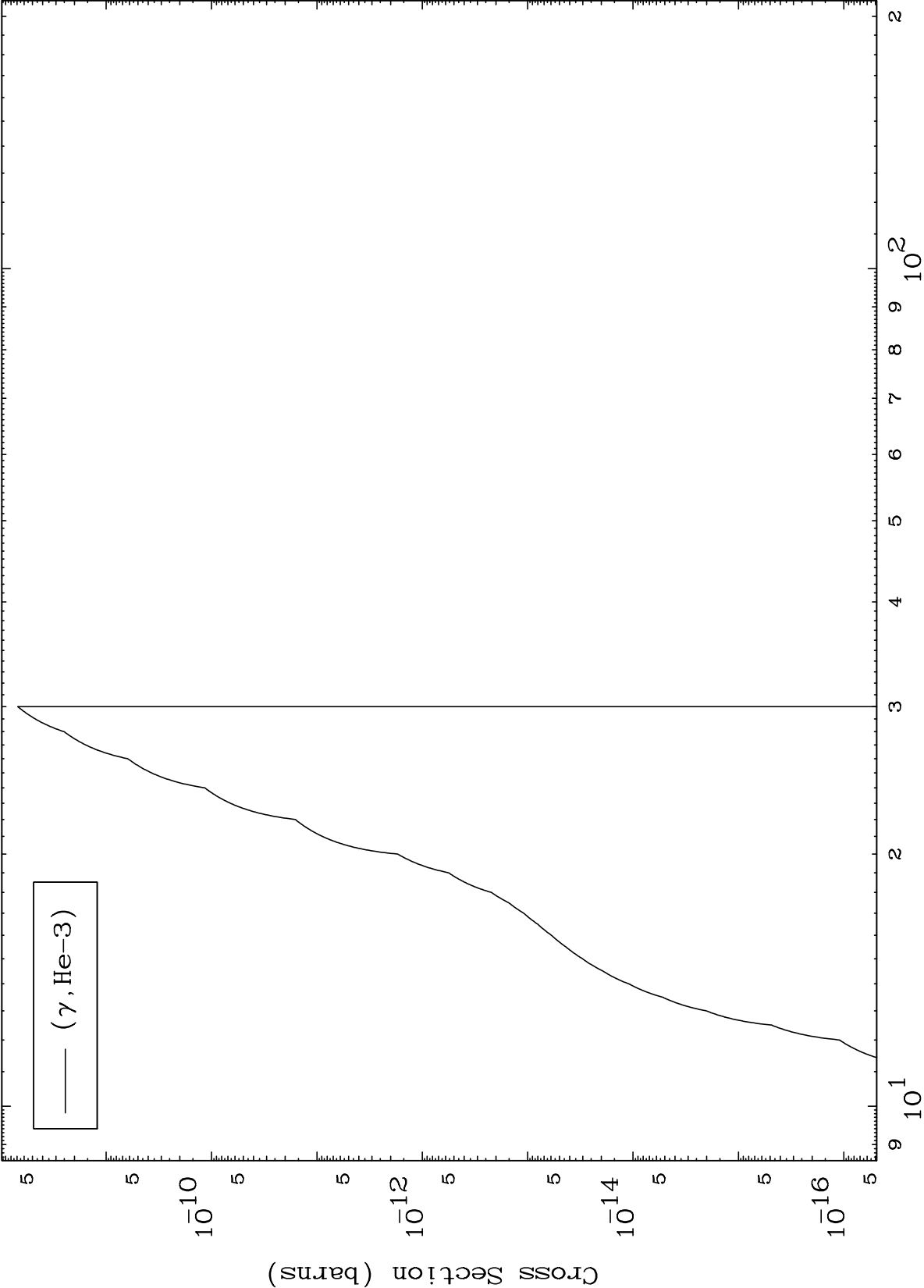


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(γ ,He3) Levels

88-Ra-209

0 Kelvin Cross Sections



— (γ ,He-3)

9

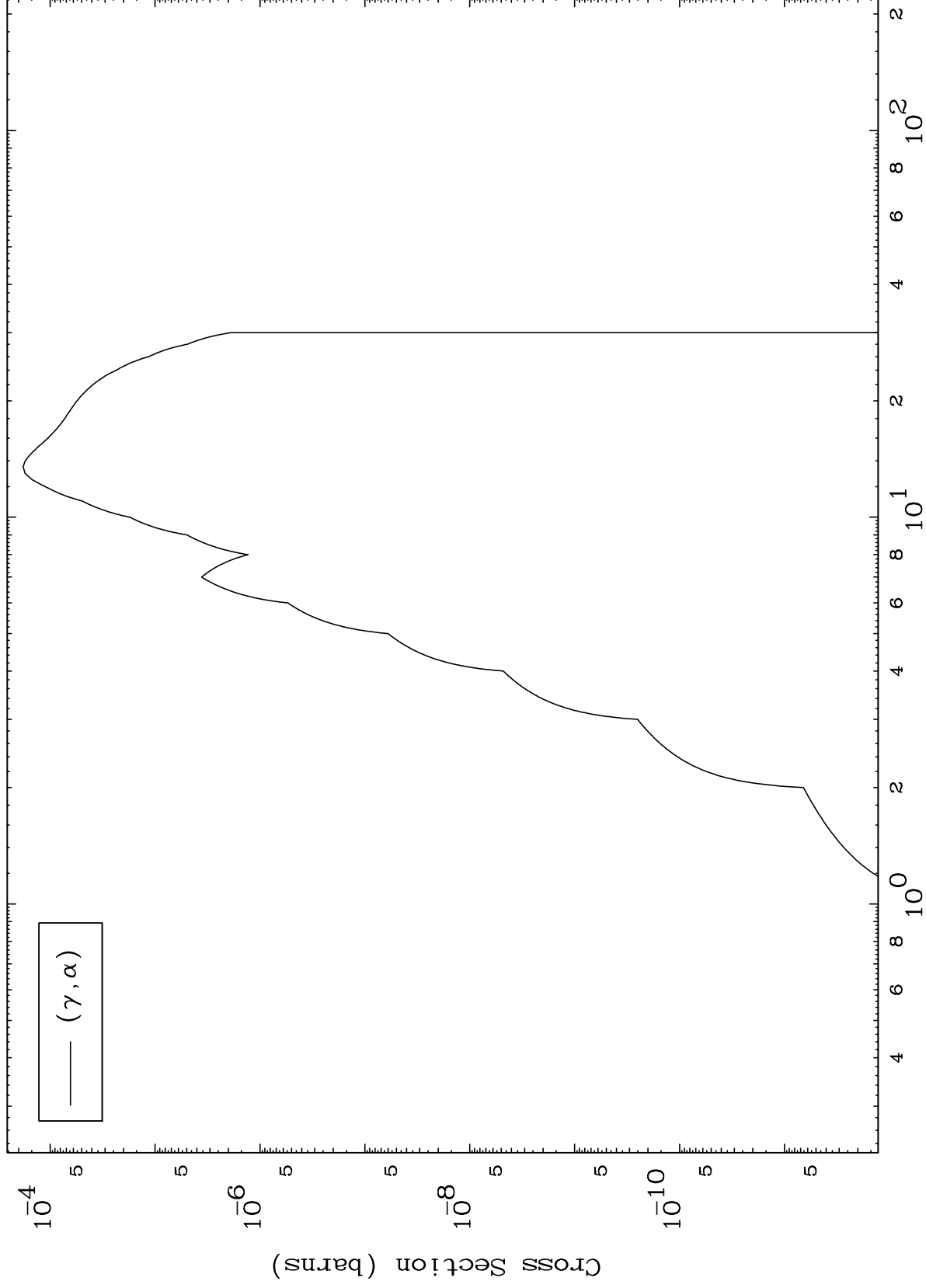
Incident Energy (MeV)

88-Ra-209

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88-Ra-209

(γ, α) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

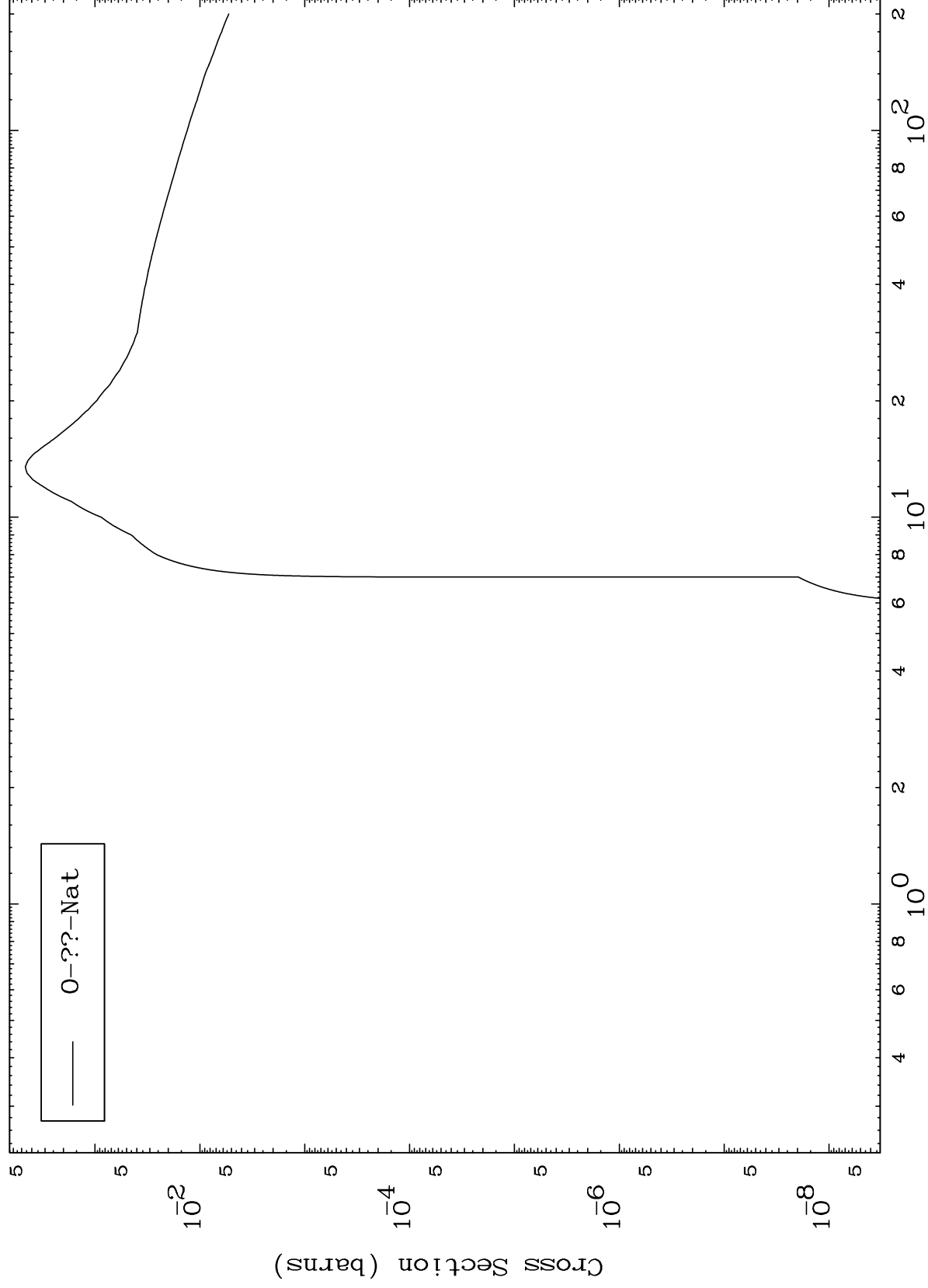
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Photon Fission

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Radionuclide Production Cross Section



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Incident Energy (MeV)

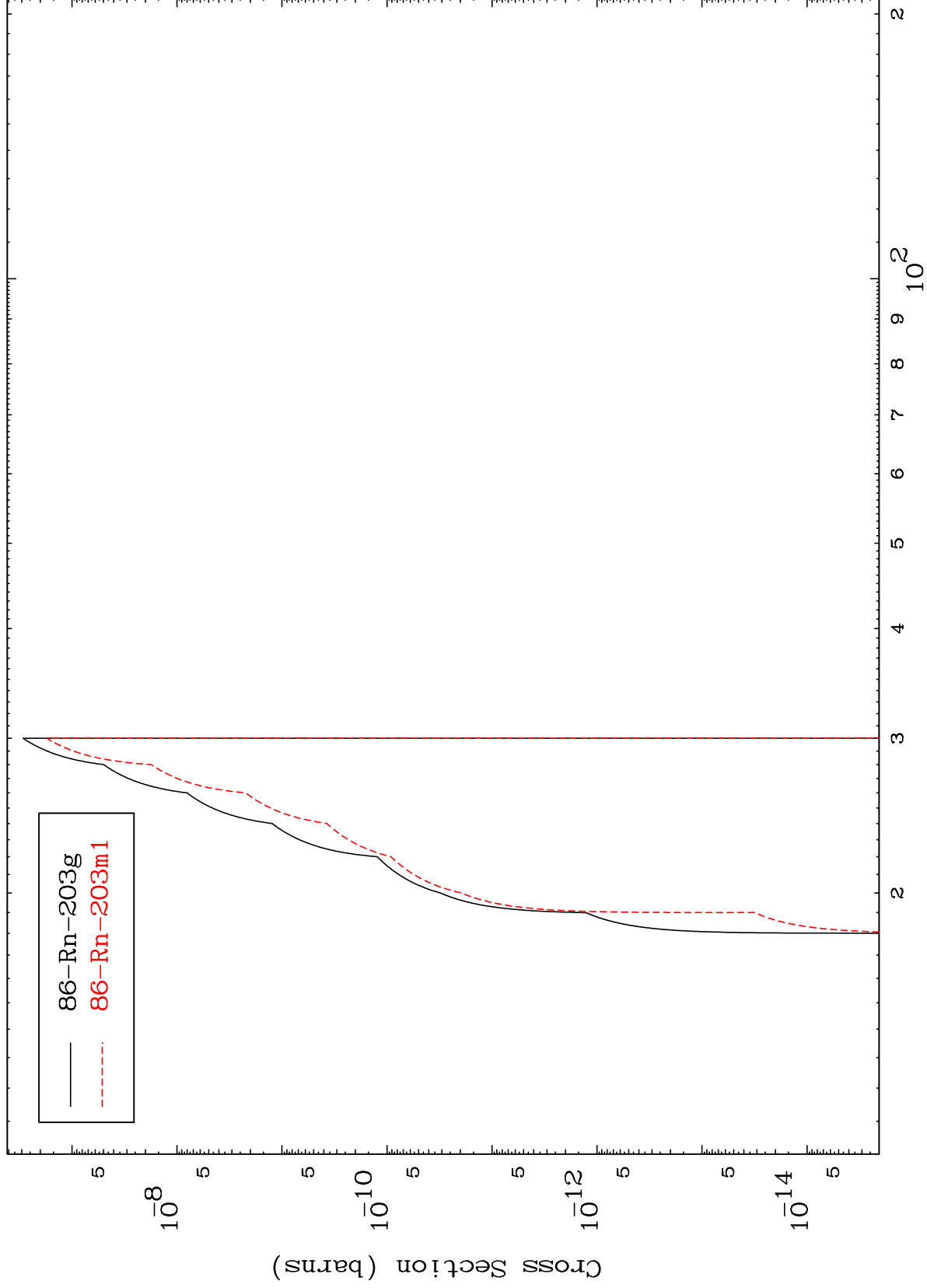
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88-Ra-209

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section

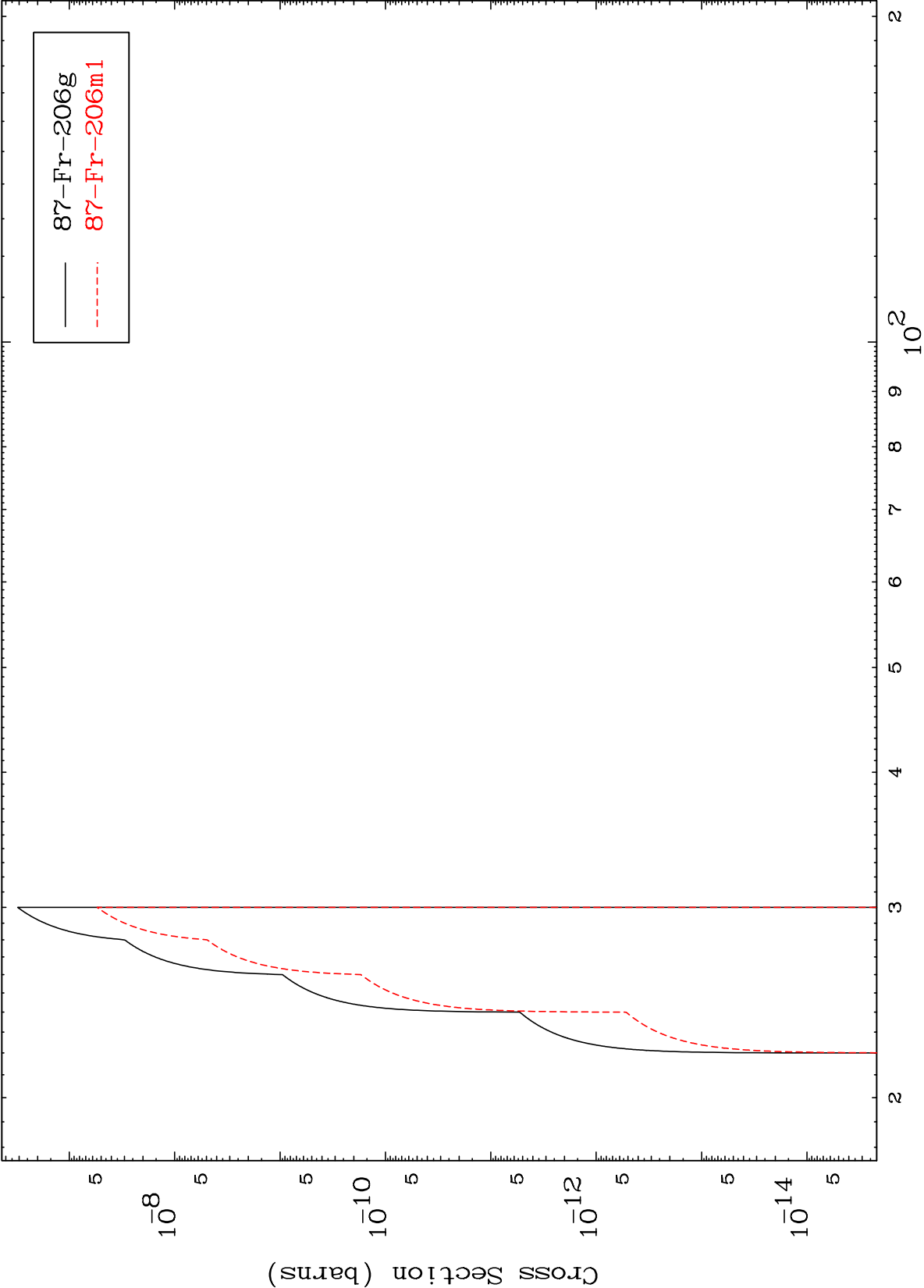


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Incident Energy (MeV)

88-Ra-209

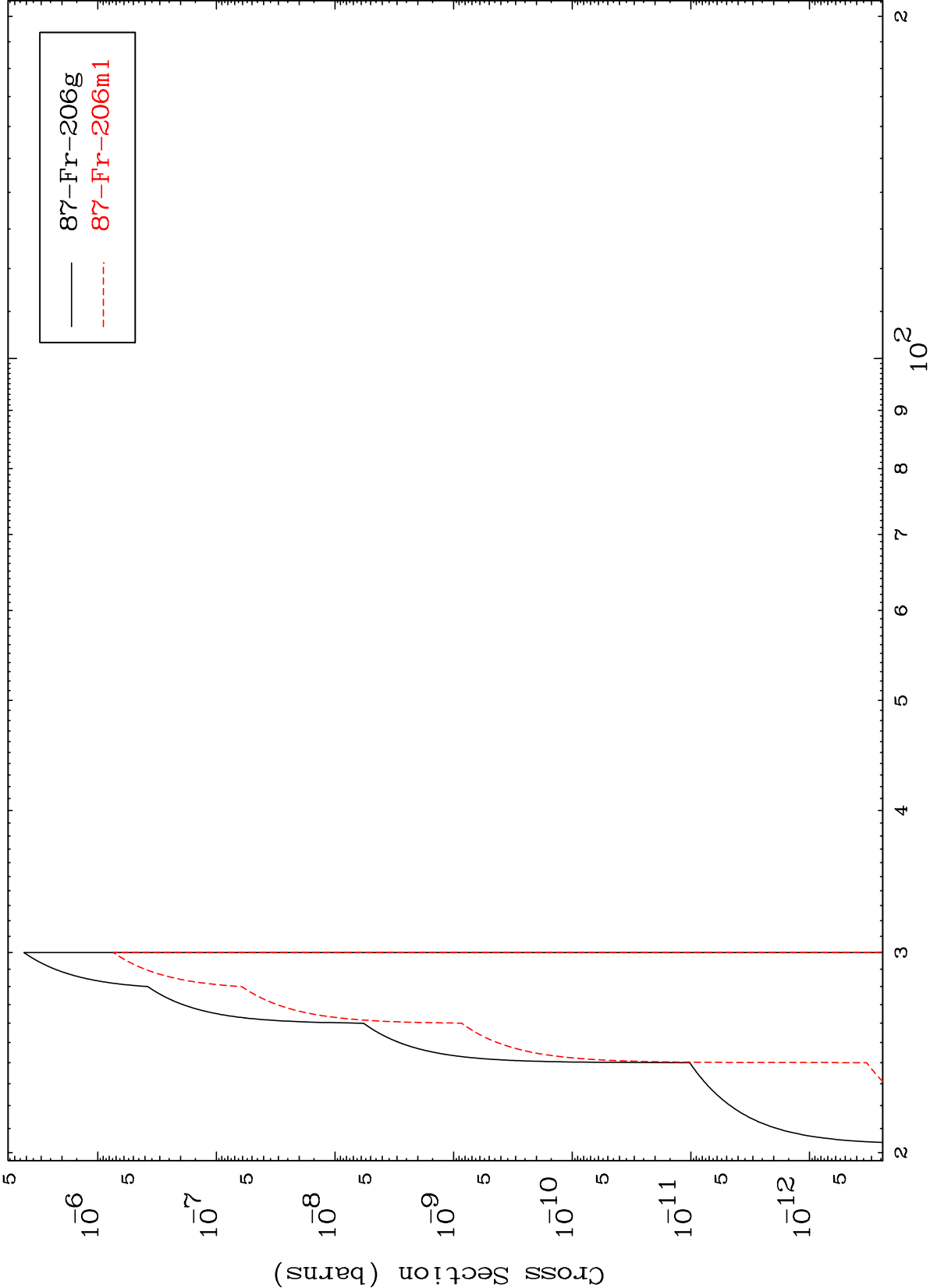
(γ, n') d
Radionuclide Production Cross Section



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88-Ra-209

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



88-Ra-209

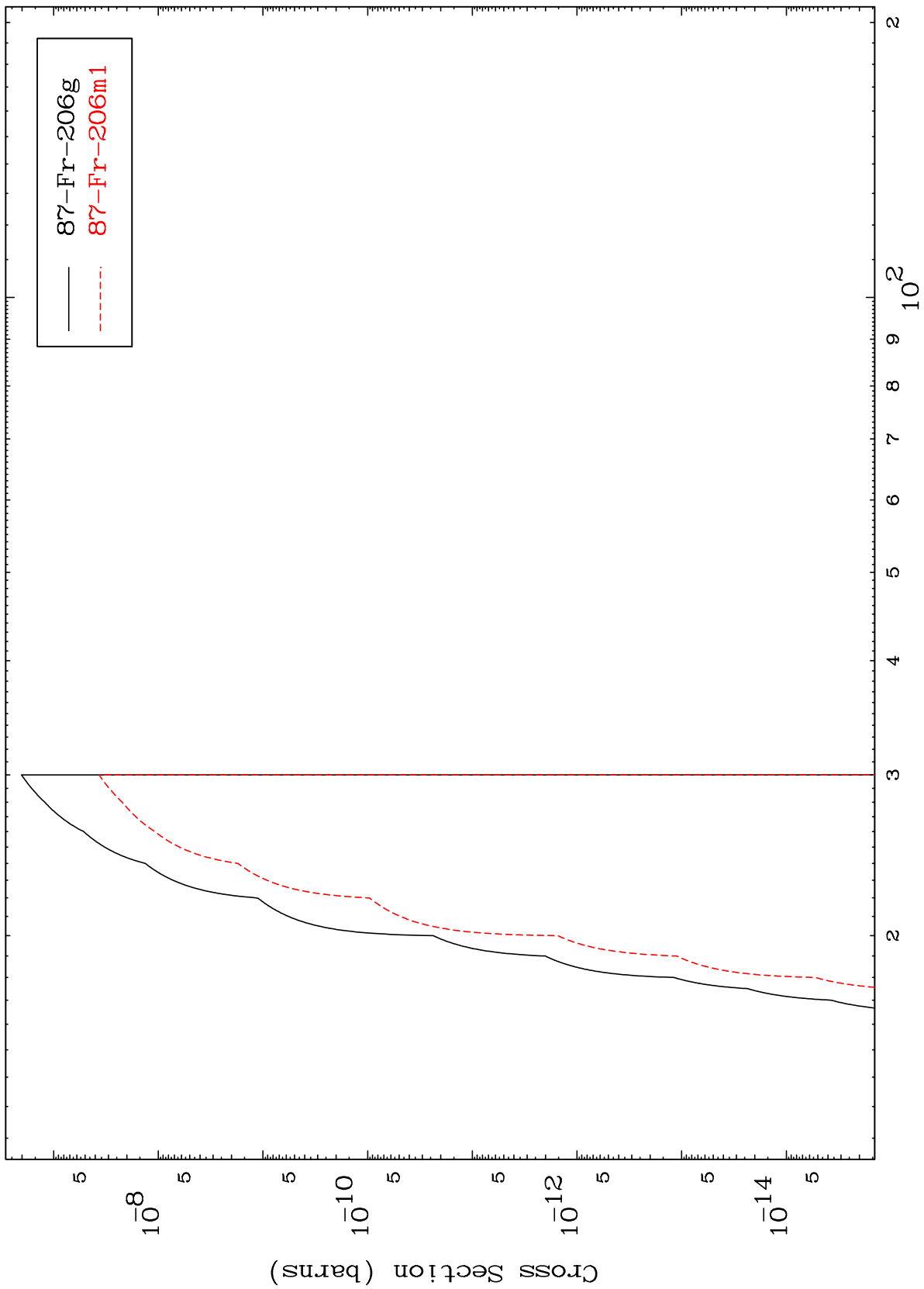
Incident Energy (MeV)

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Radionuclide Production Cross Section
(γ, t)



15

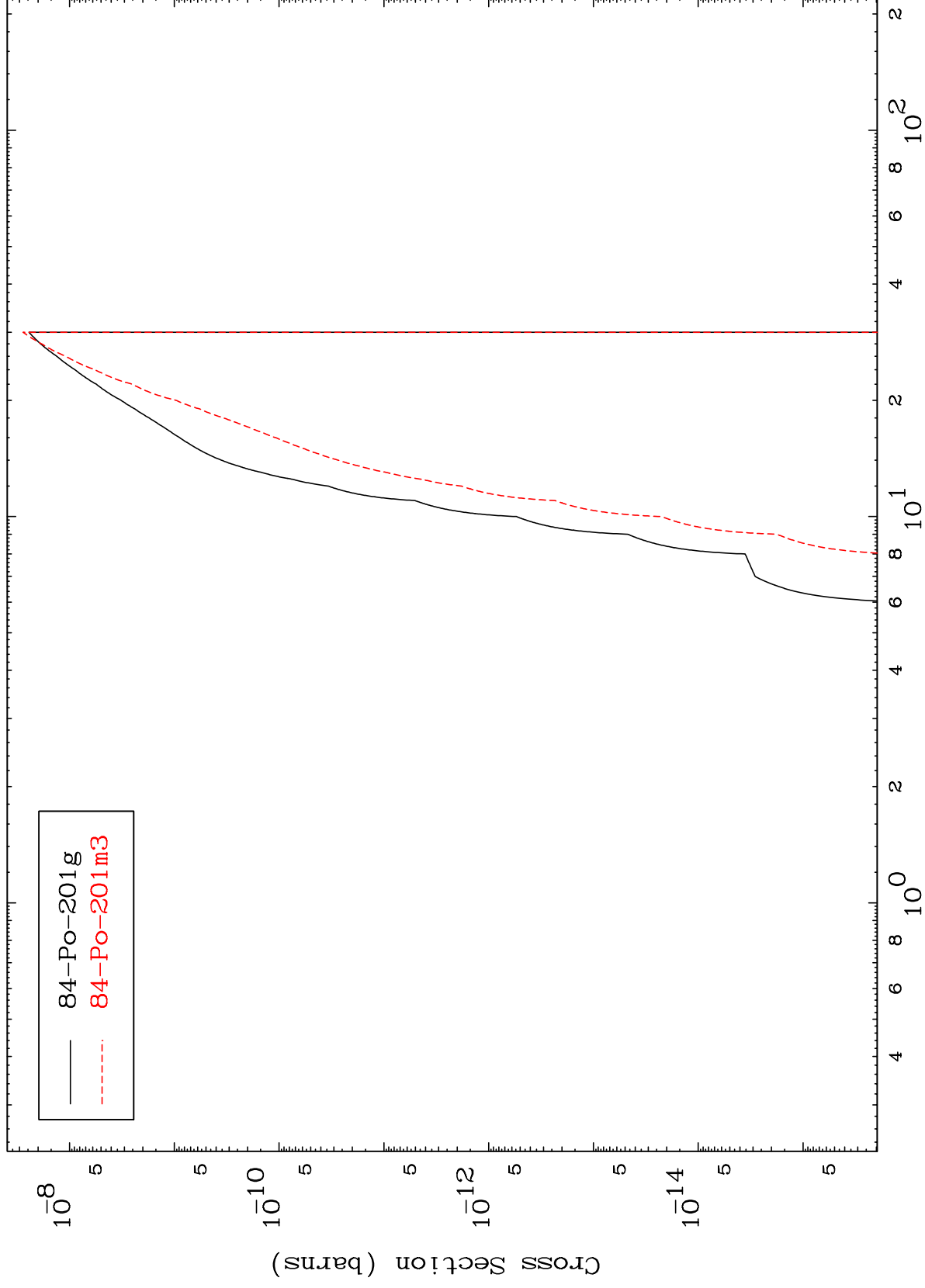
Incident Energy (MeV)

88-Ra-209

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88-Ra-209

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



88-Ra-209

Incident Energy (MeV)

16

