

Program EVALPLOT
(Version 2018-1)

by

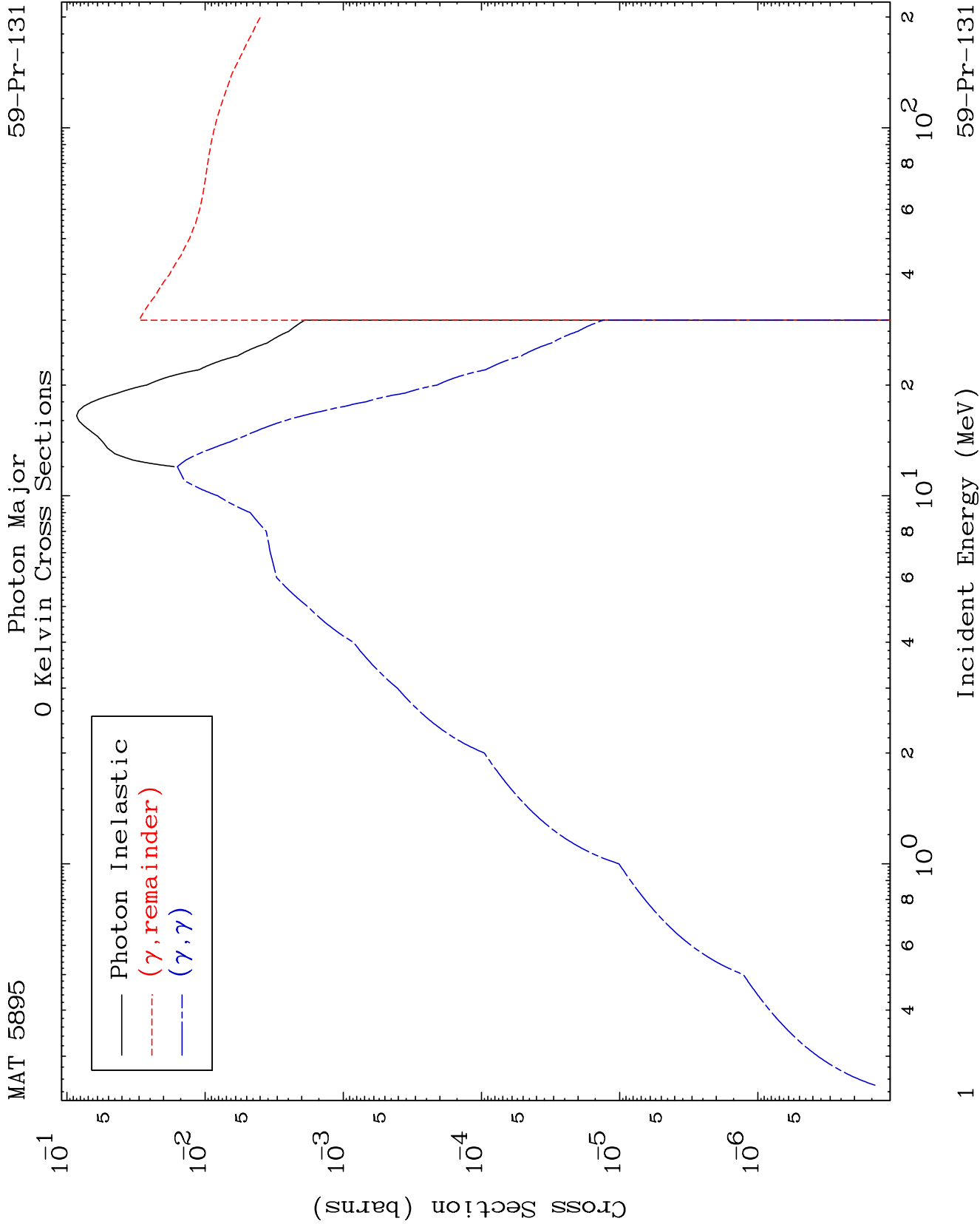
Dermott E. Cullen
(Present Contact Information)

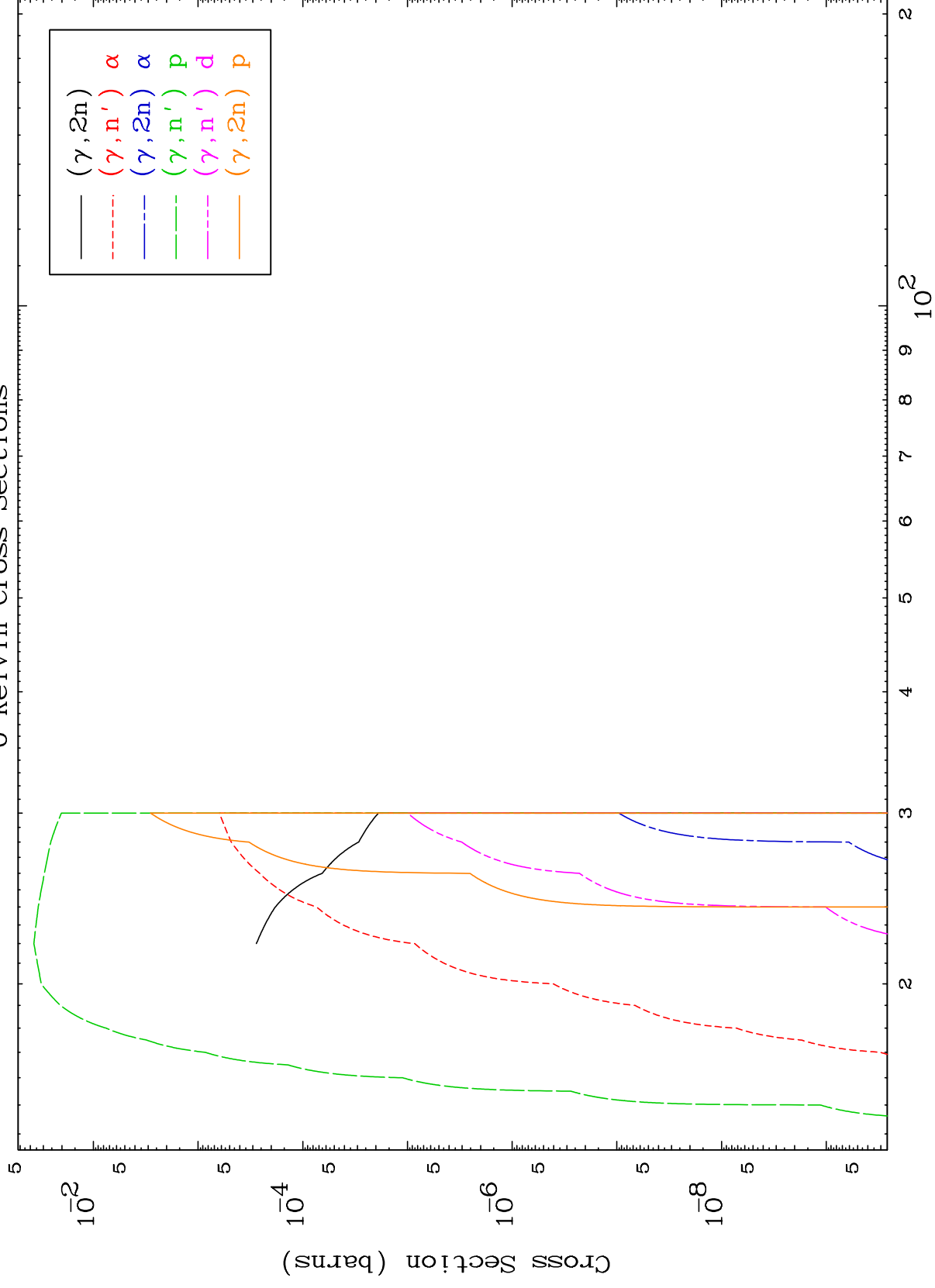
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

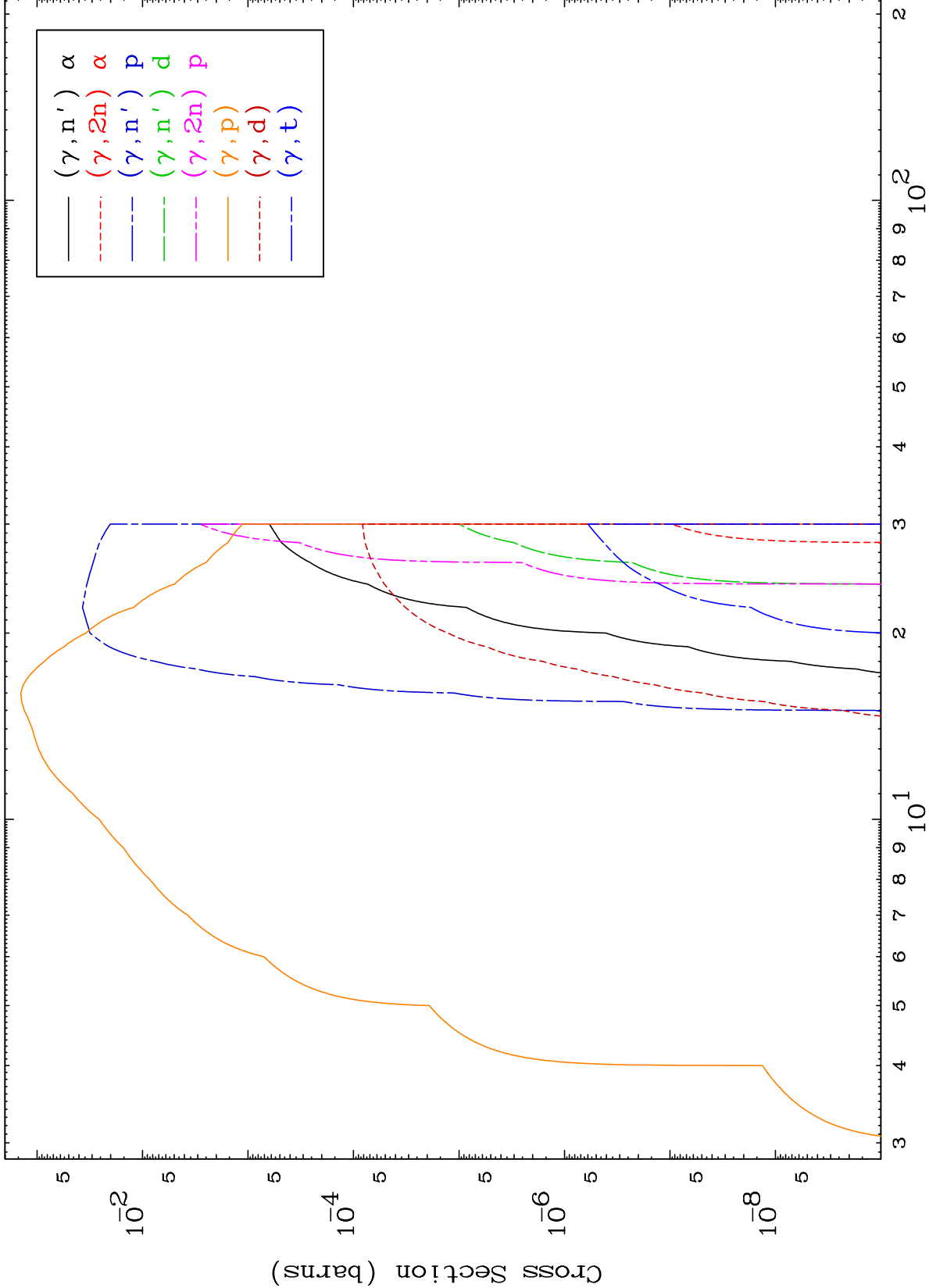
Tele: 925-443-1911

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

Press Mouse Button to Start



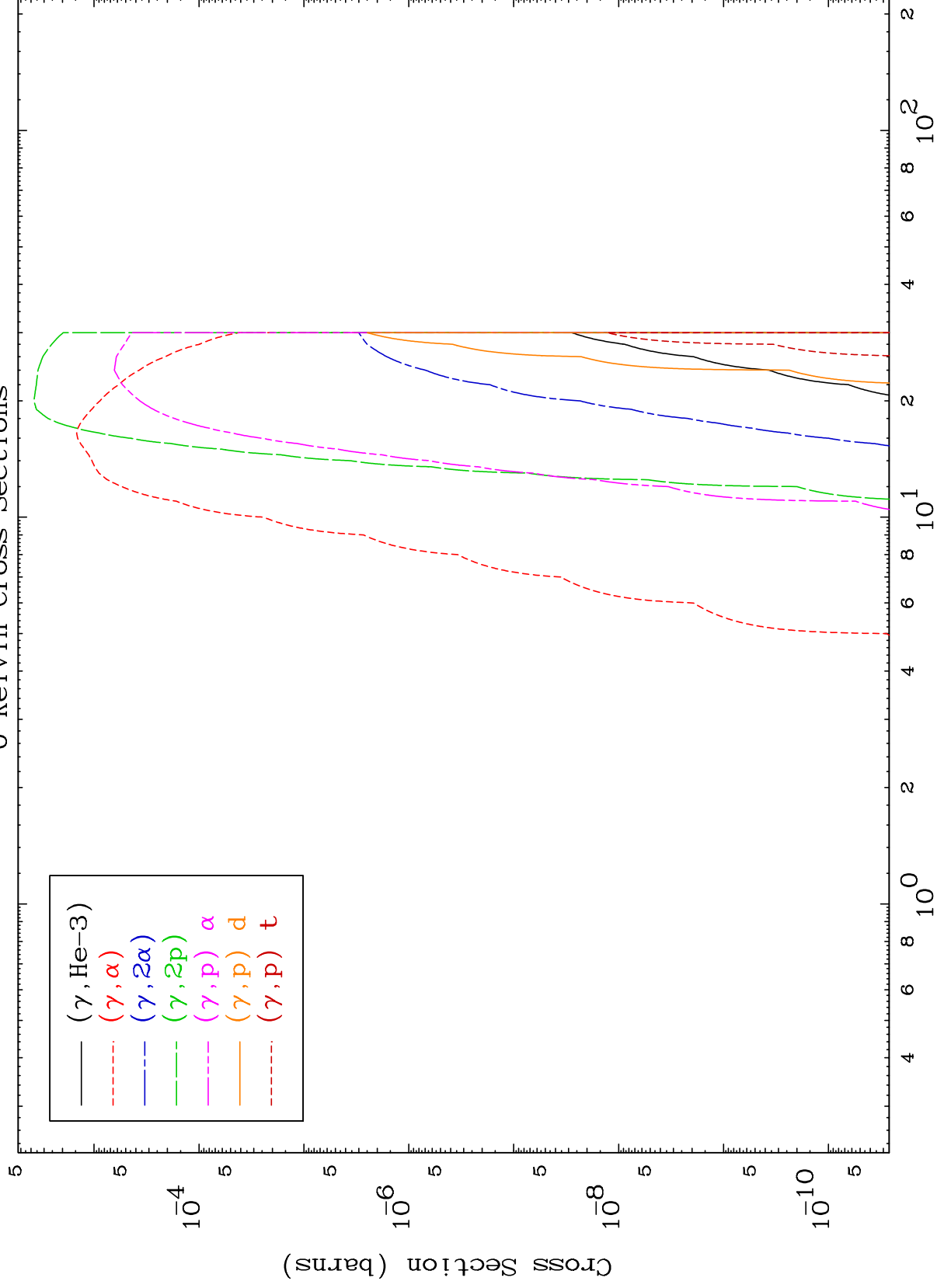




MAT 5895

Photon Charged Particle
0 Kelvin Cross Sections

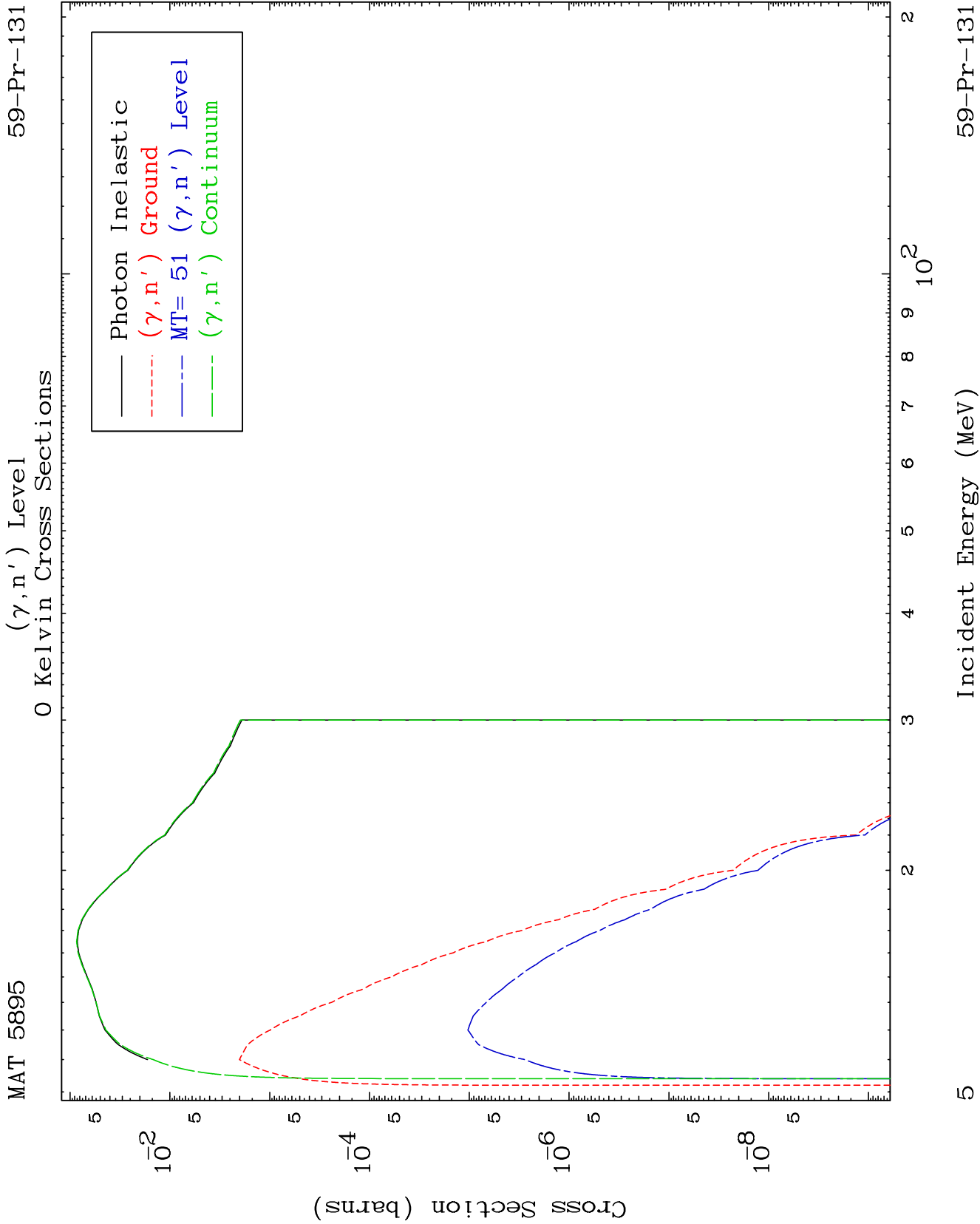
59-Pr-131



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Incident Energy (MeV)

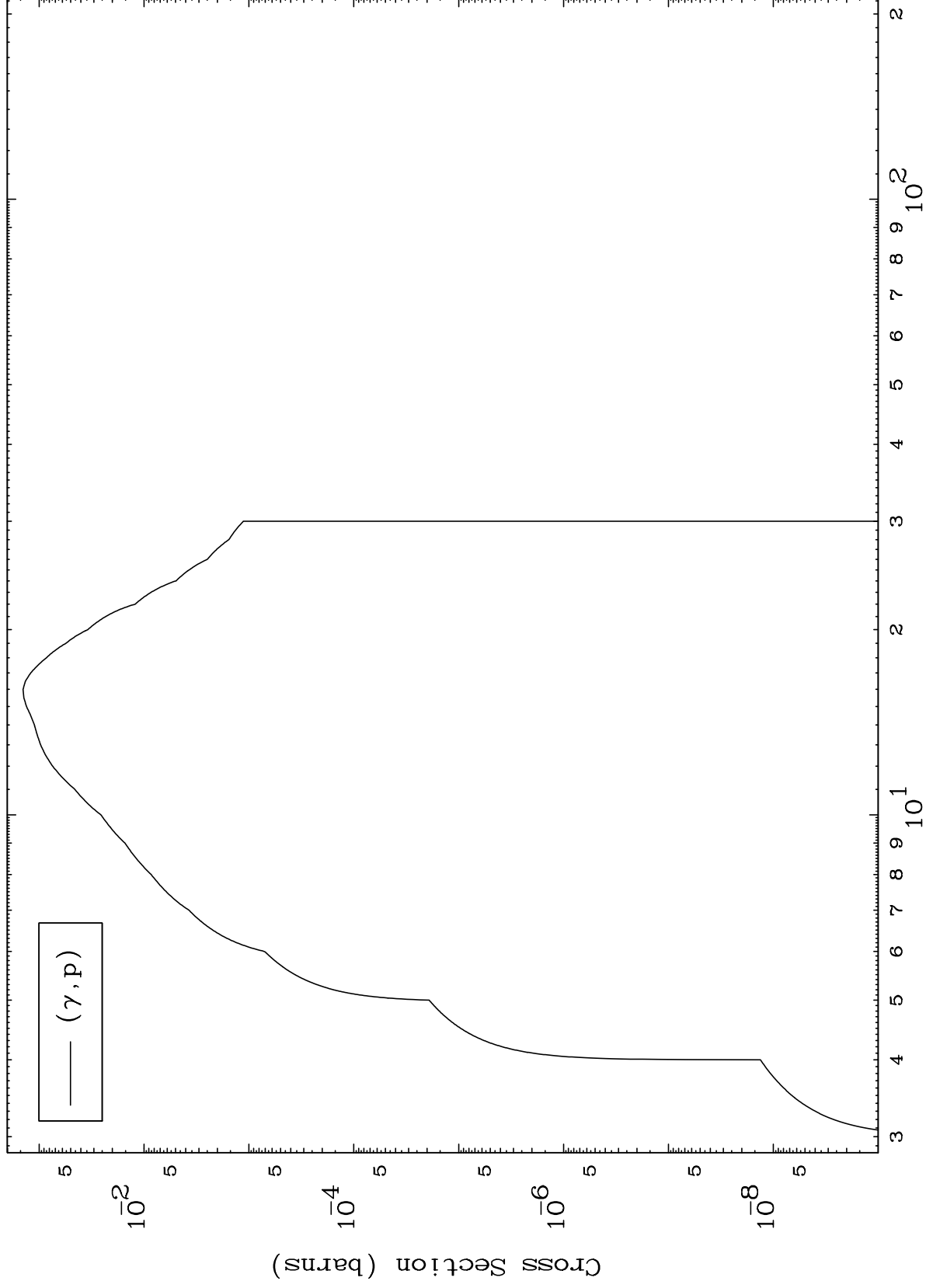
59-Pr-131



MAT 5895

59-Pr-131

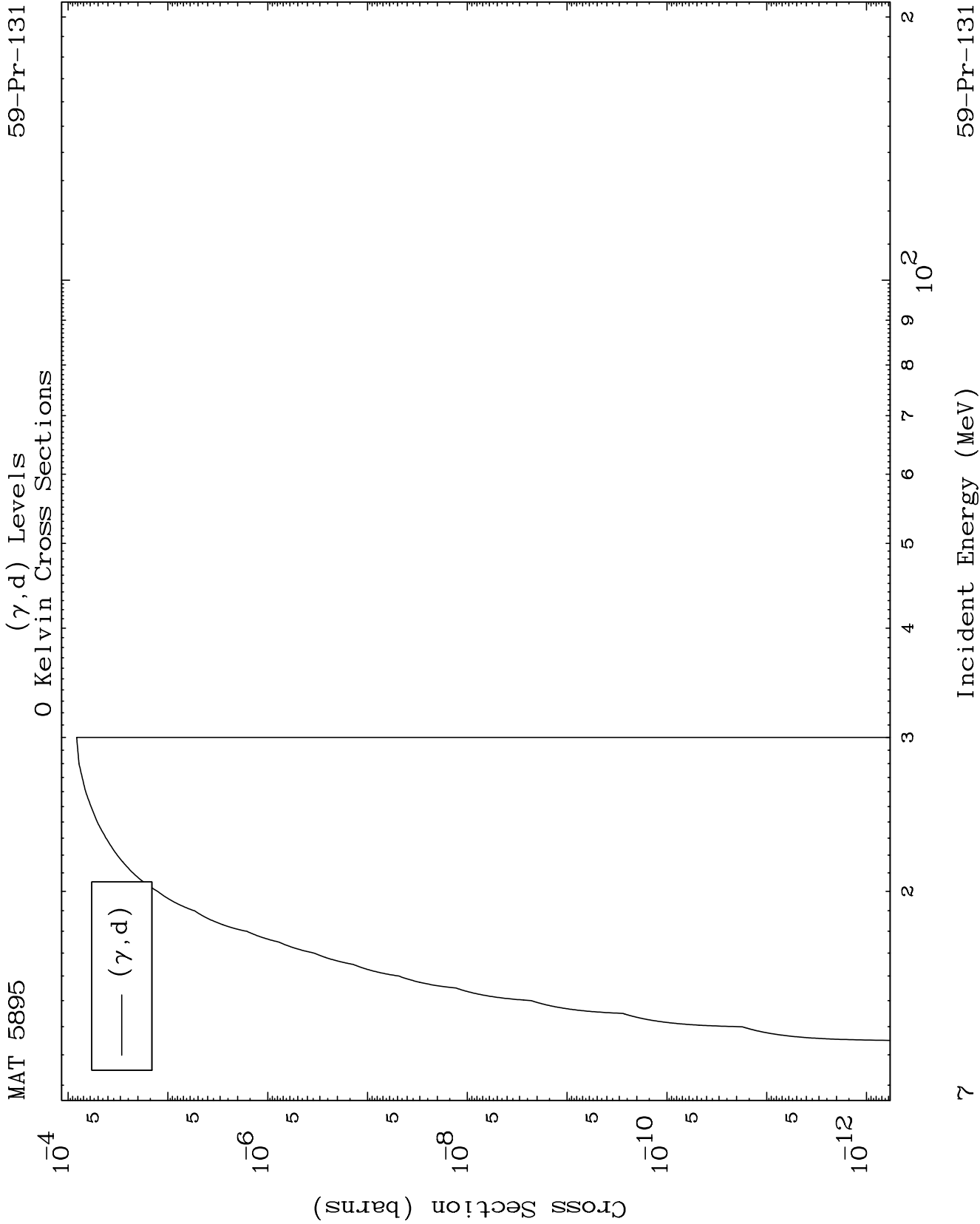
(γ ,p) Levels
0 Kelvin Cross Sections



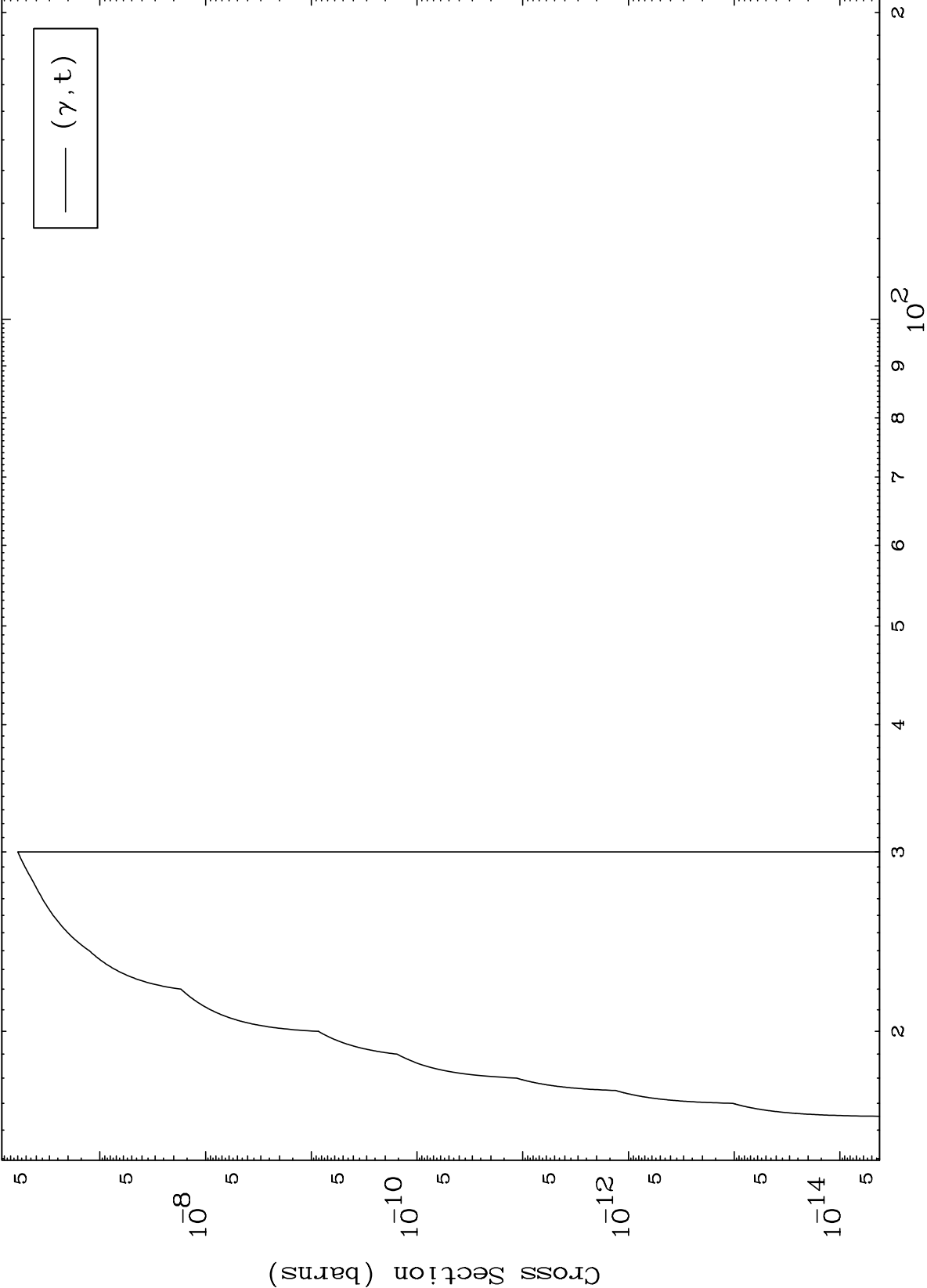
59-Pr-131

Incident Energy (MeV)

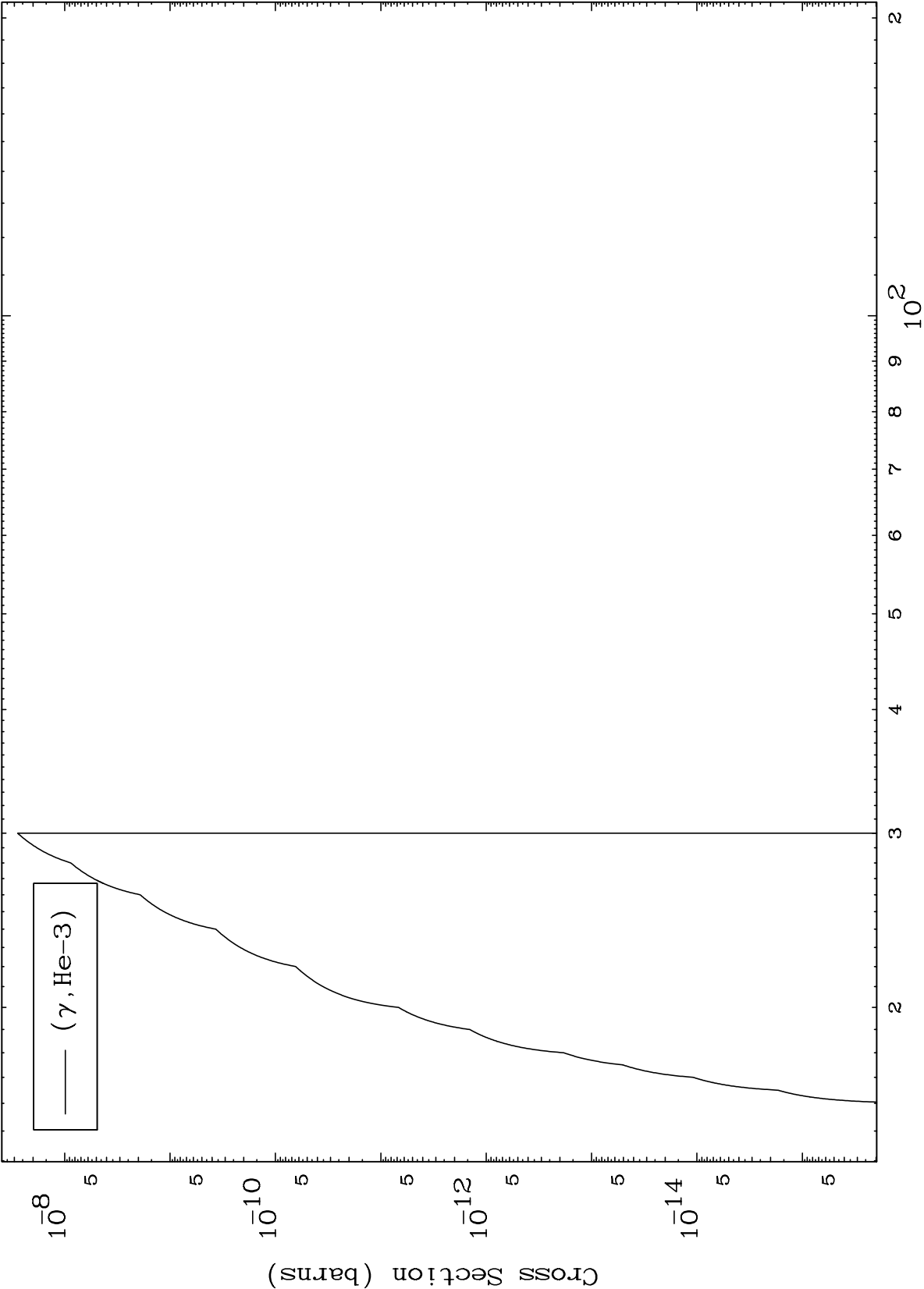
6



(γ, t) Levels
0 Kelvin Cross Sections



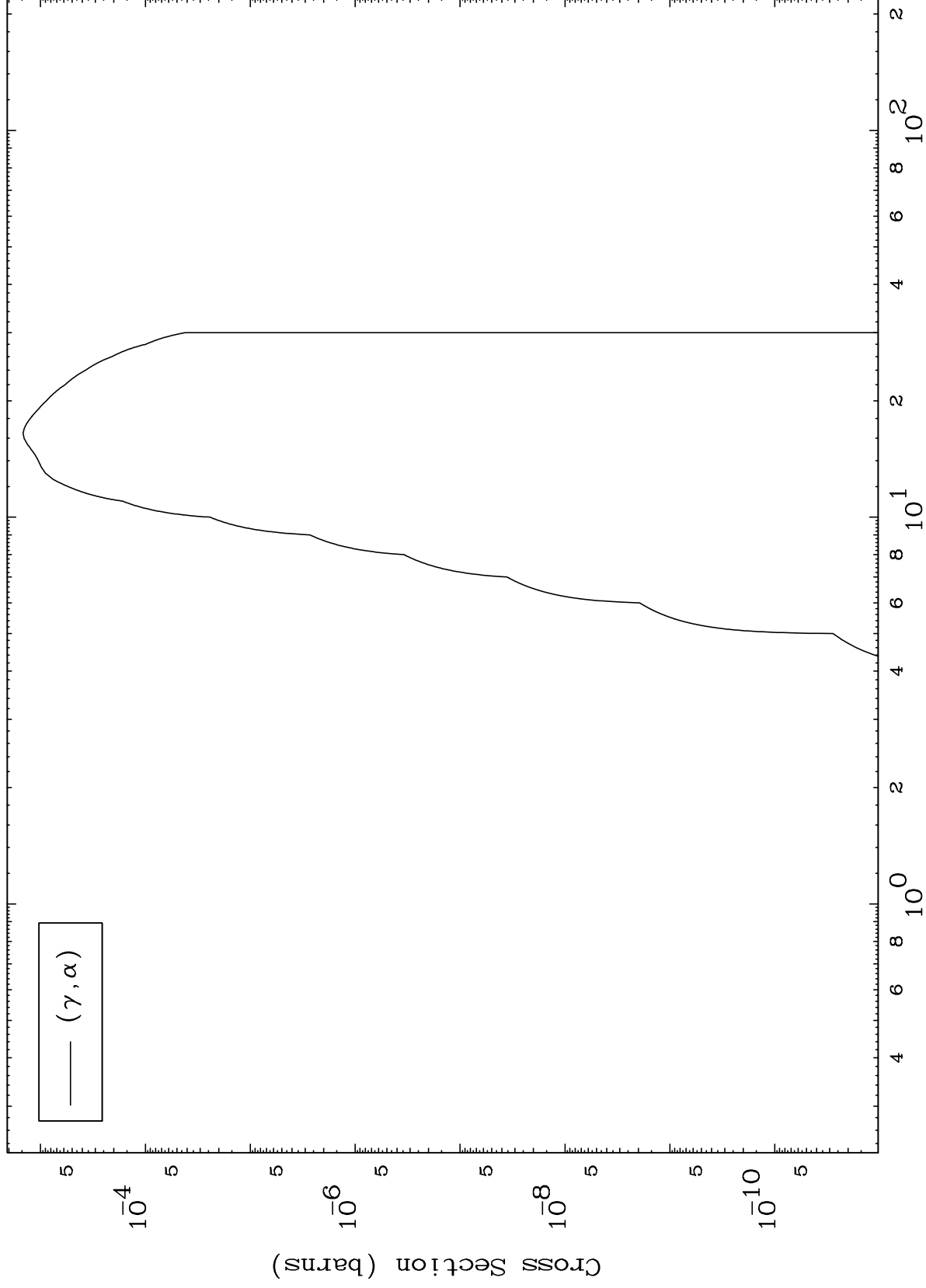
0 Kelvin Cross Sections



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59-Pr-131

(γ, α) Levels
0 Kelvin Cross Sections



59-Pr-131

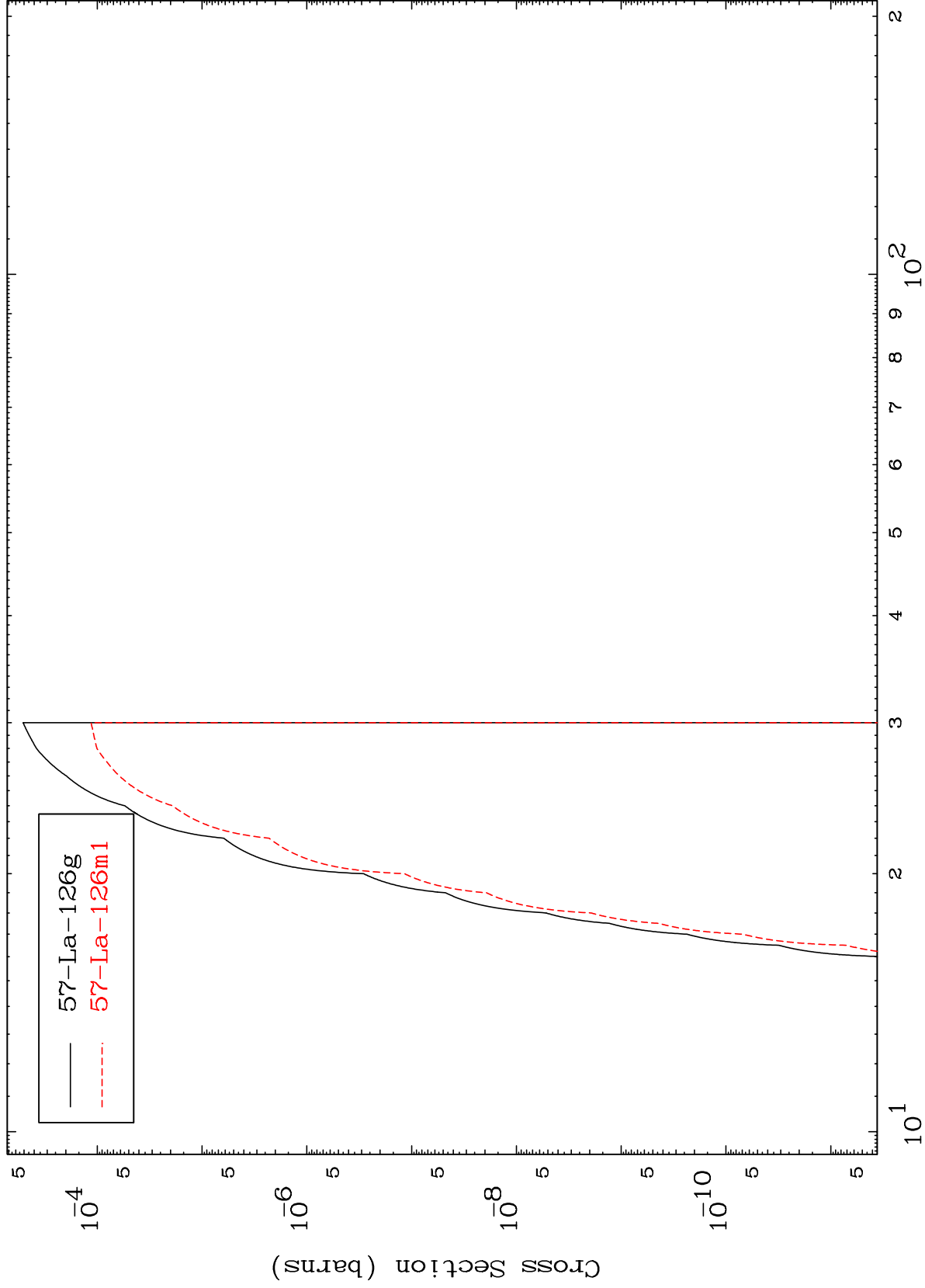
Incident Energy (MeV)

10

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59-Pr-131

(γ, n') α
Radionuclide Production Cross Section

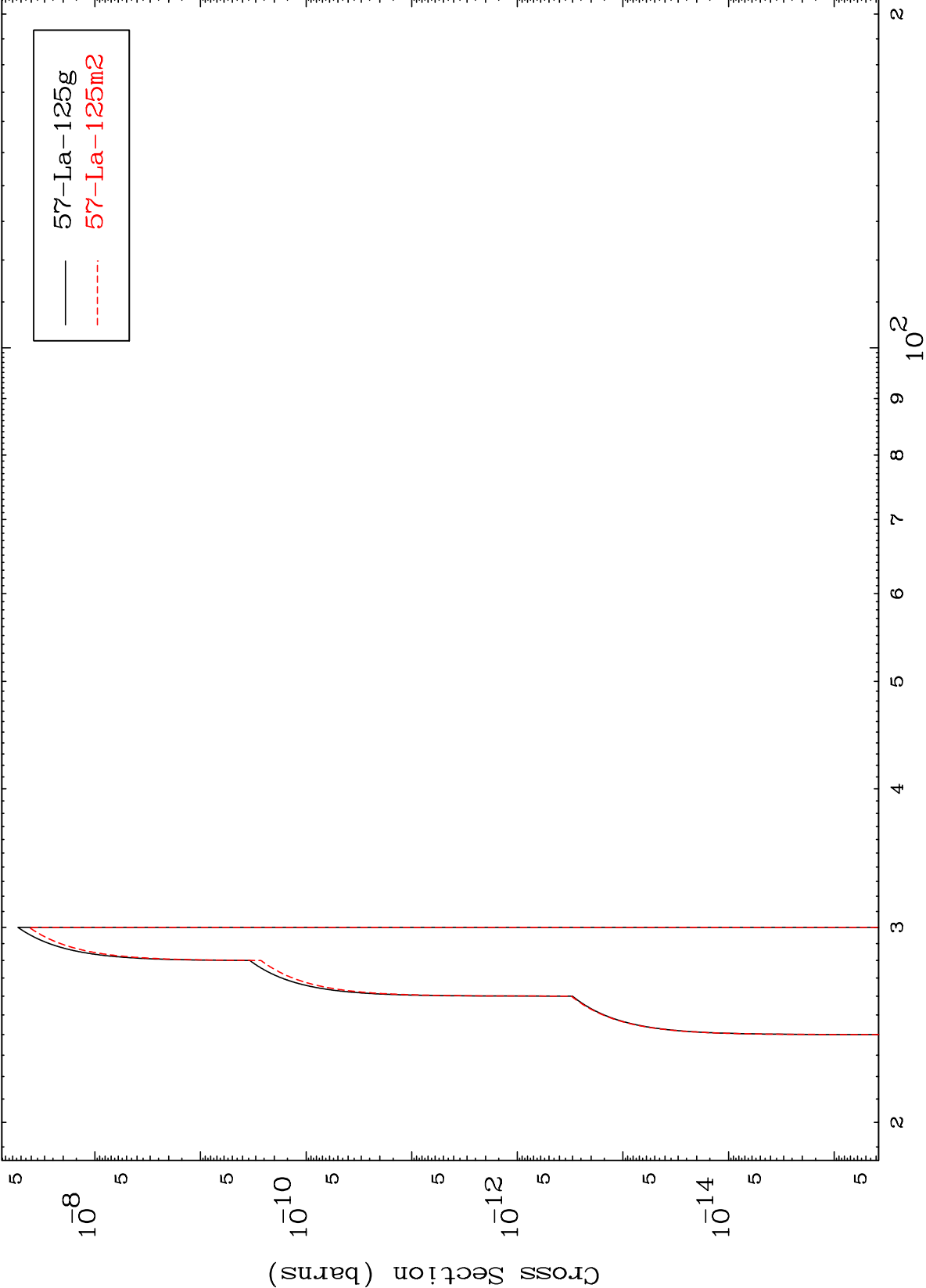


59-Pr-131

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59-Pr-131

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



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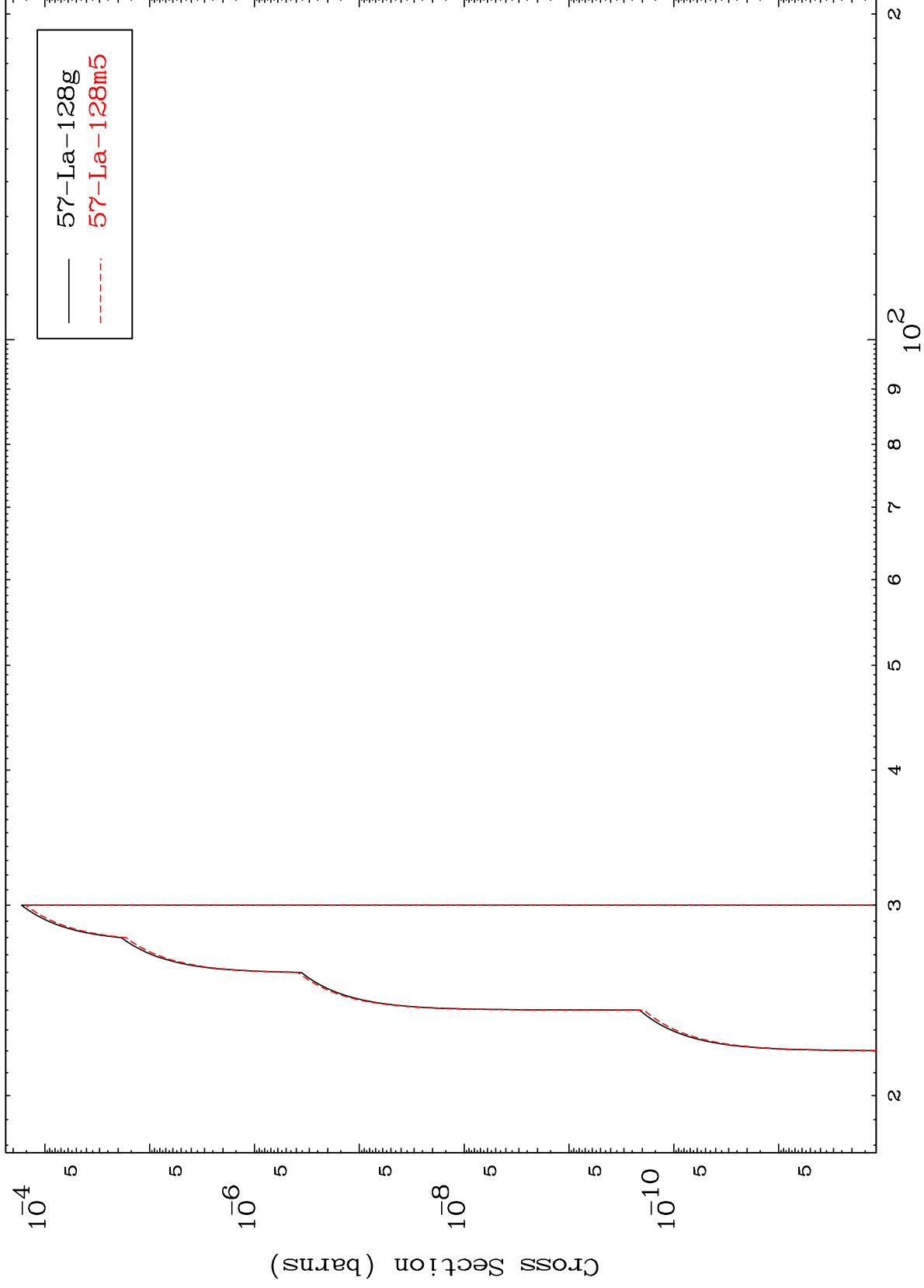
Incident Energy (MeV)

59-Pr-131

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59-Pr-131

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



13

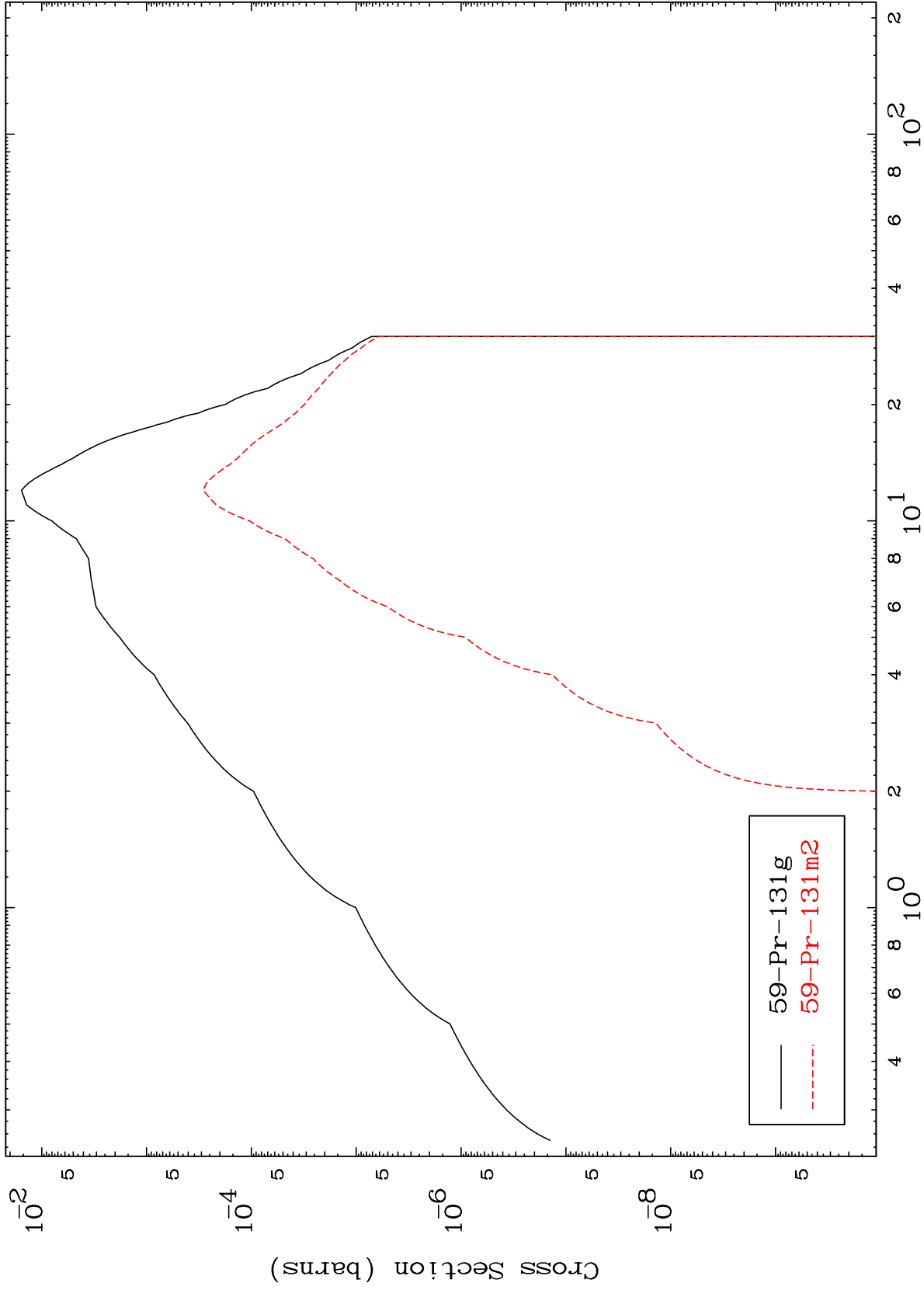
Incident Energy (MeV)

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59-Pr-131

(γ, γ)
Radionuclide Production Cross Section

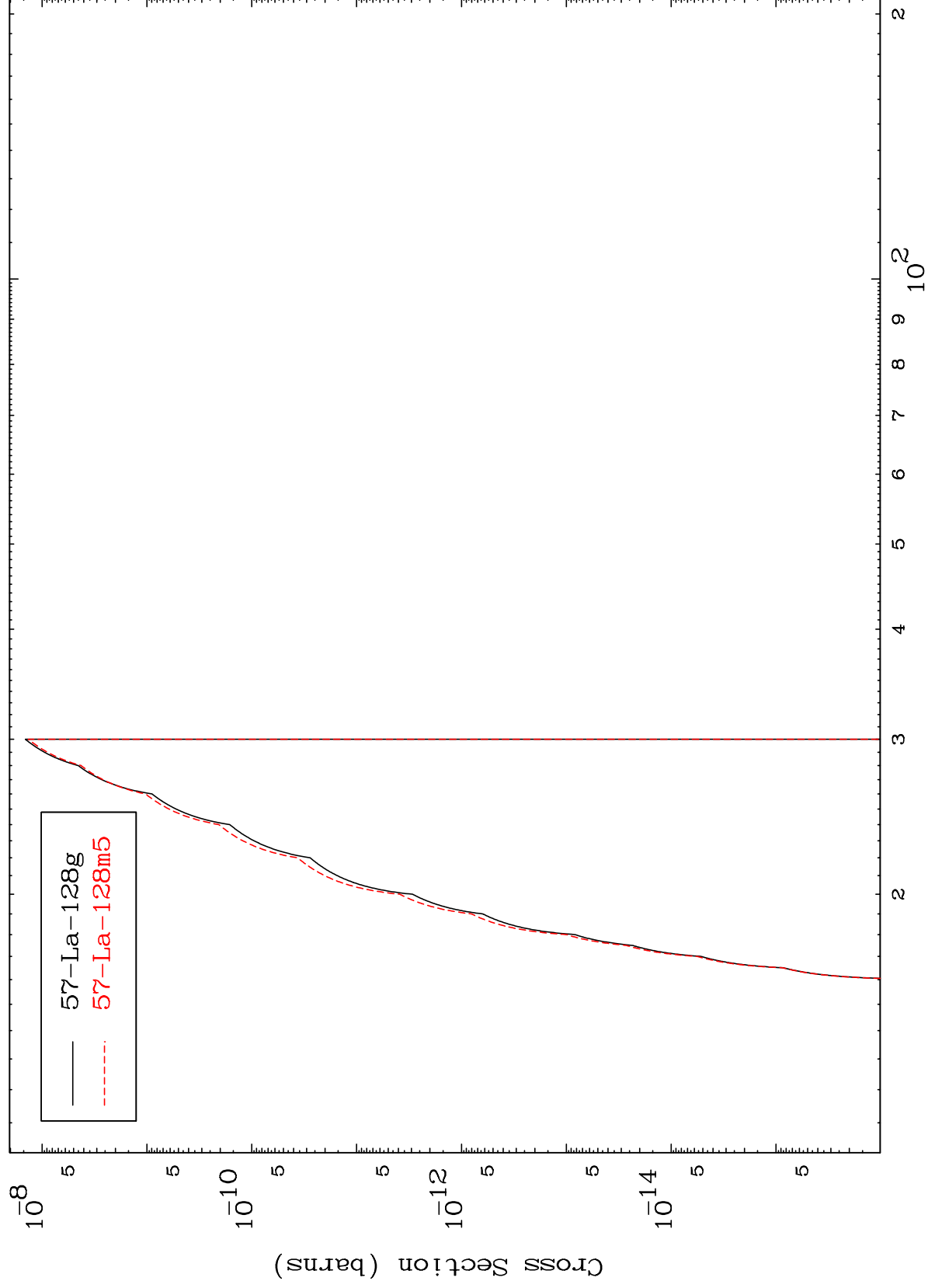


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Incident Energy (MeV)

59-Pr-131

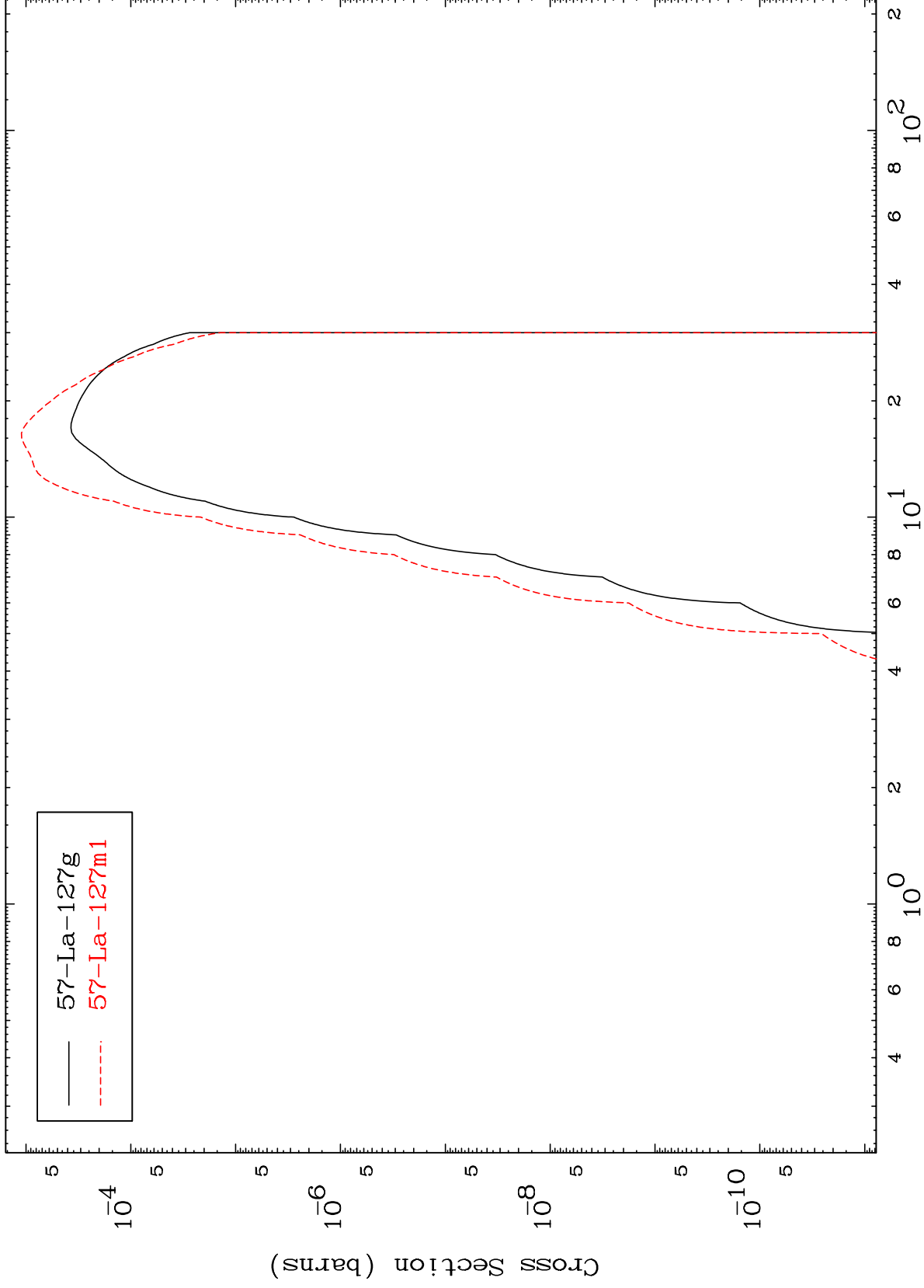
($\gamma, \text{He-3}$)
Radionuclide Production Cross Section



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59-Pr-131

(γ, α)
Radionuclide Production Cross Section



16

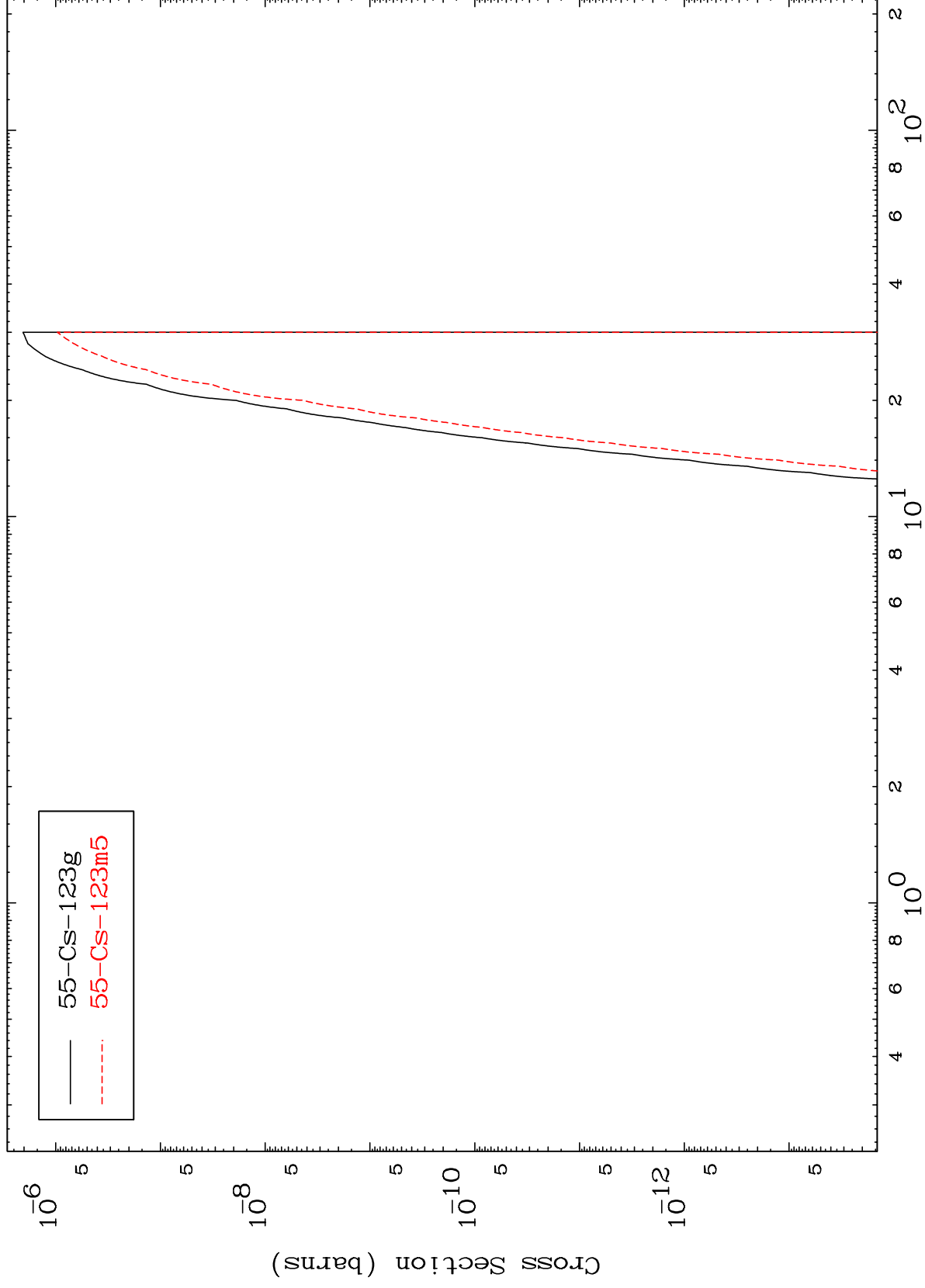
Incident Energy (MeV)

59-Pr-131

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59-Pr-131

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



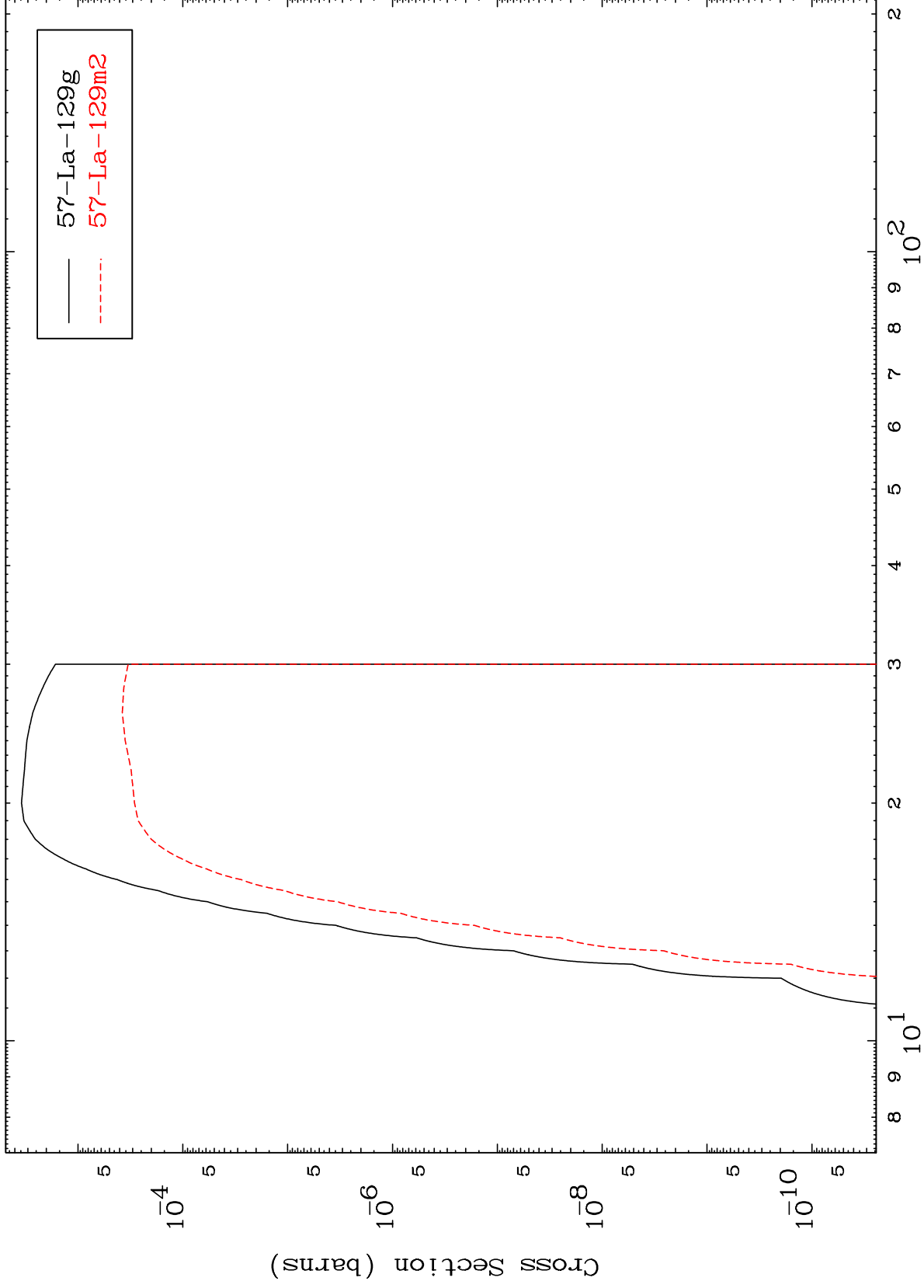
17

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59-Pr-131

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



18

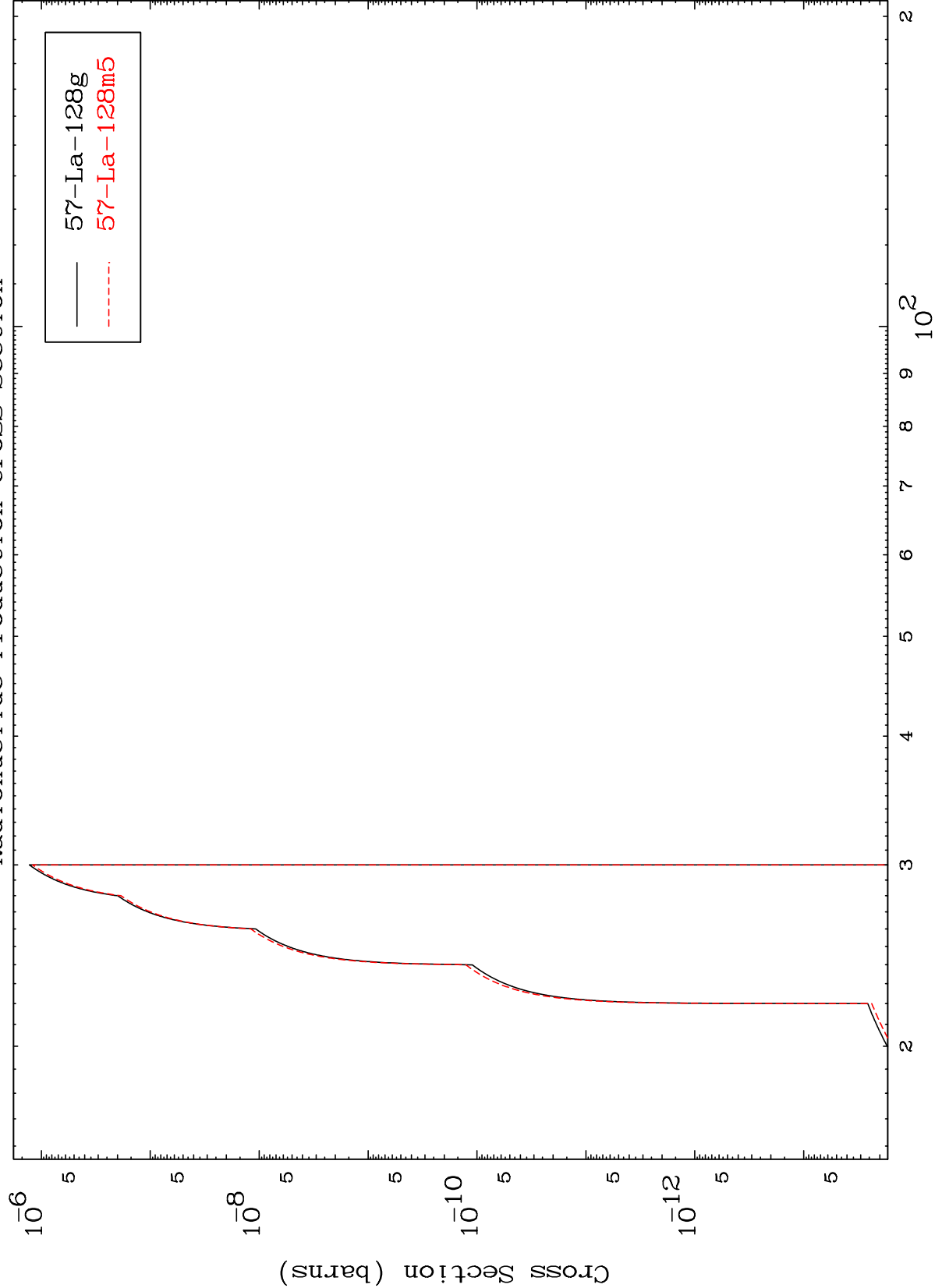
Incident Energy (MeV)

59-Pr-131

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59-Pr-131

(γ, p) d
Radionuclide Production Cross Section



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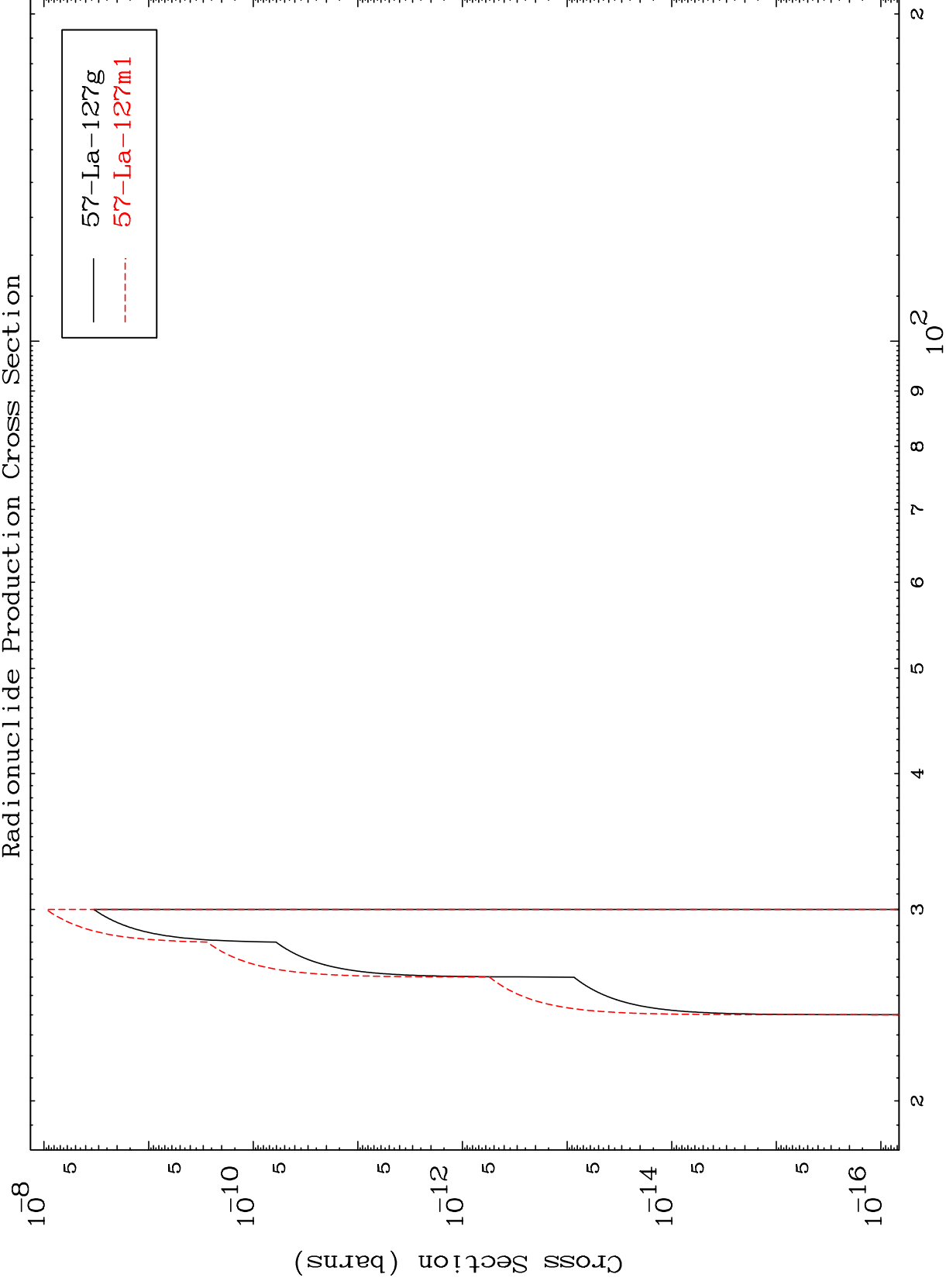
Incident Energy (MeV)

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59-Pr-131

(γ, p) t
Radionuclide Production Cross Section

 (γ, p) t

20

Incident Energy (MeV)

59-Pr-131