

Program EVALPLOT
(Version 2021-1)

by

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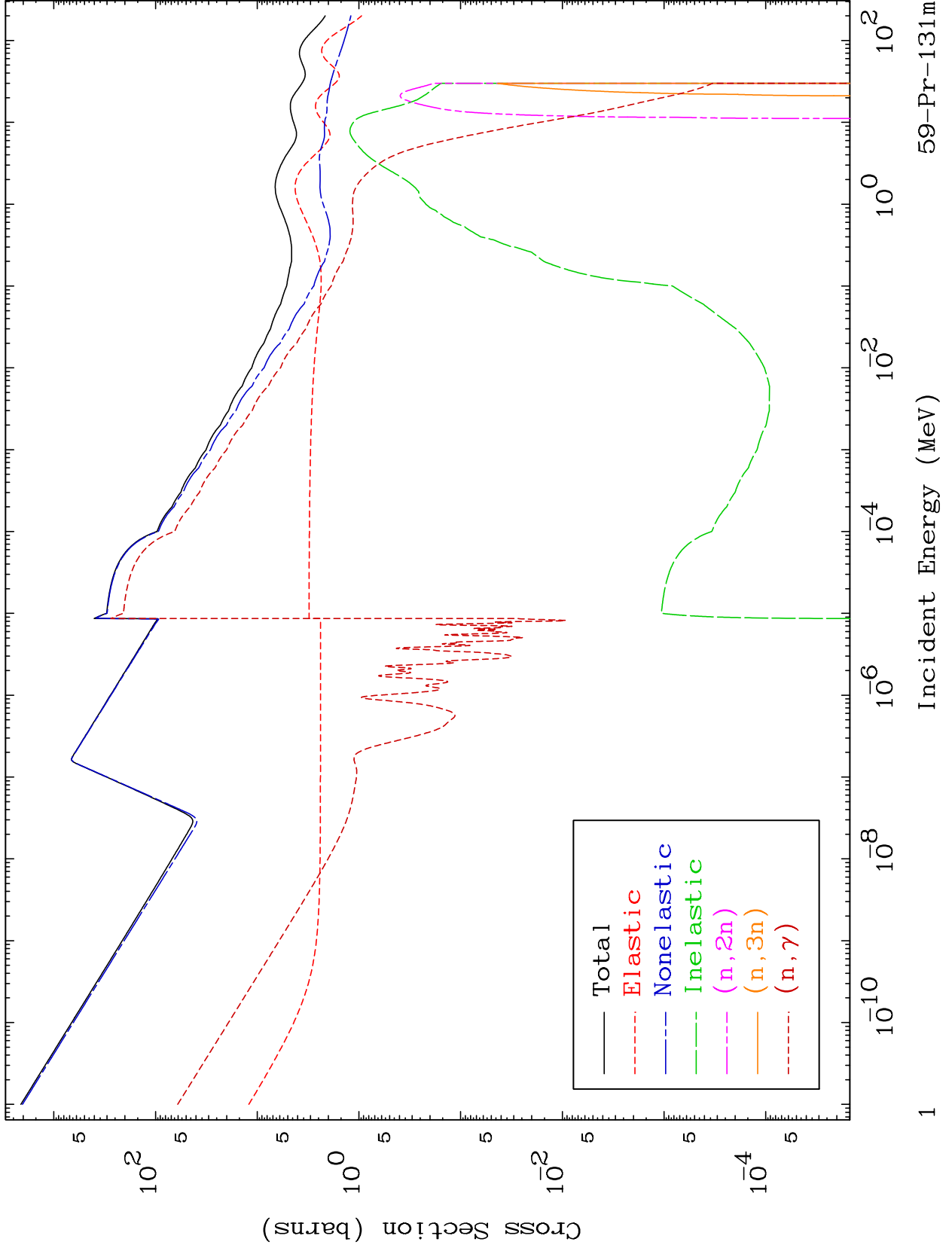
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5896

Neutron Major
293 Kelvin Cross Sections

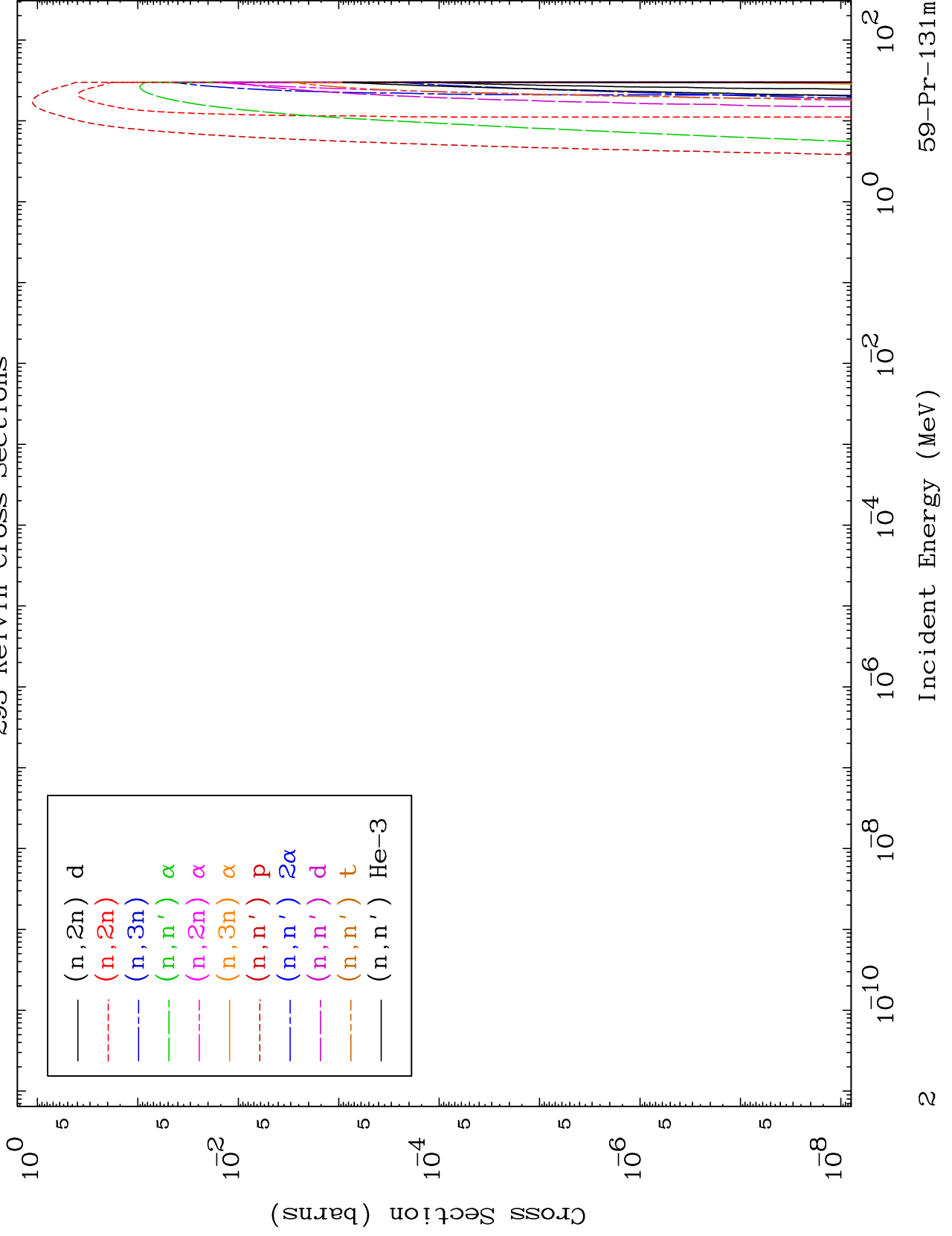
59-Pr-131m

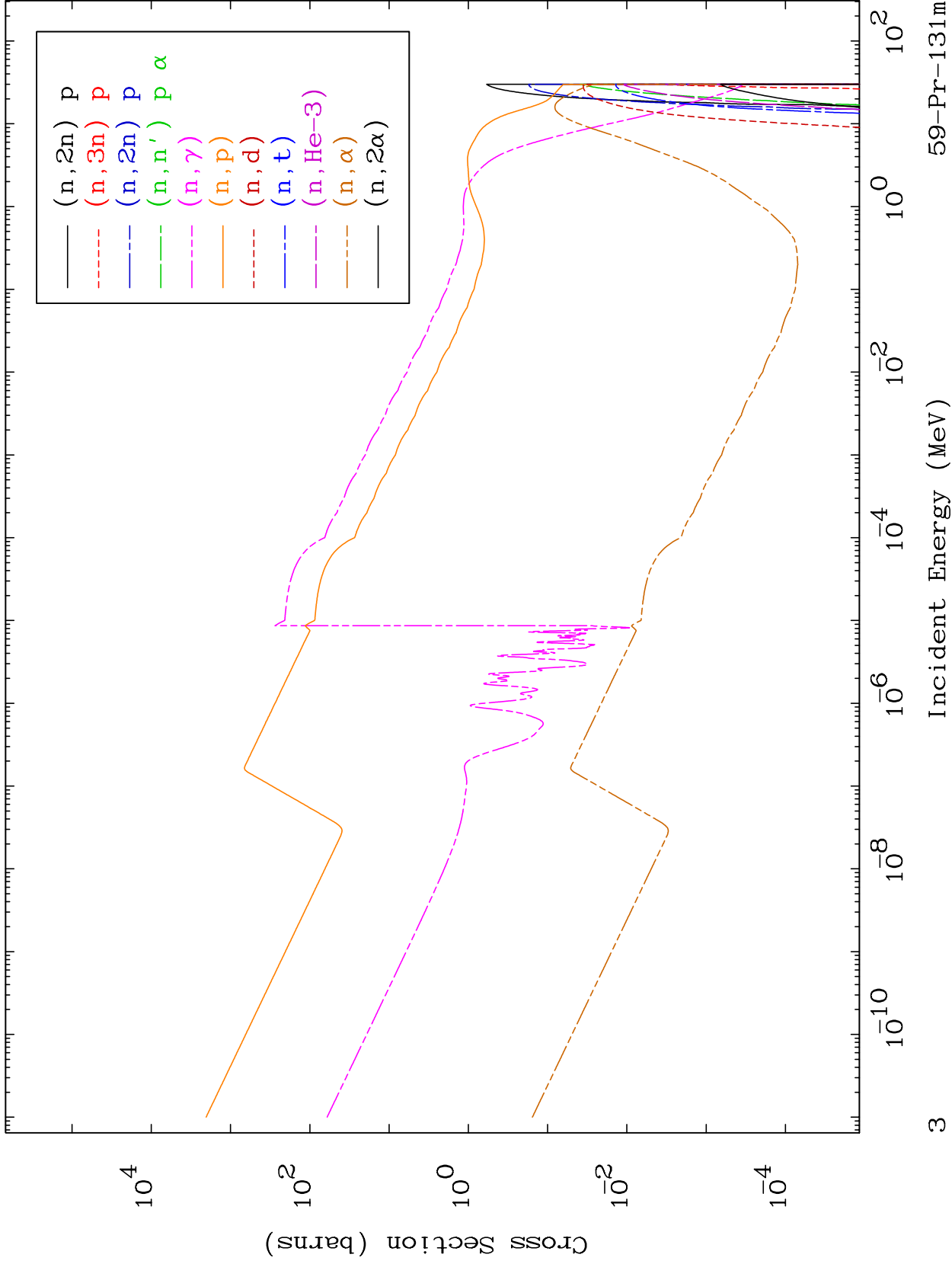


MAT 5896

Neutron Absorption
293 Kelvin Cross Sections

59-Pr-131m

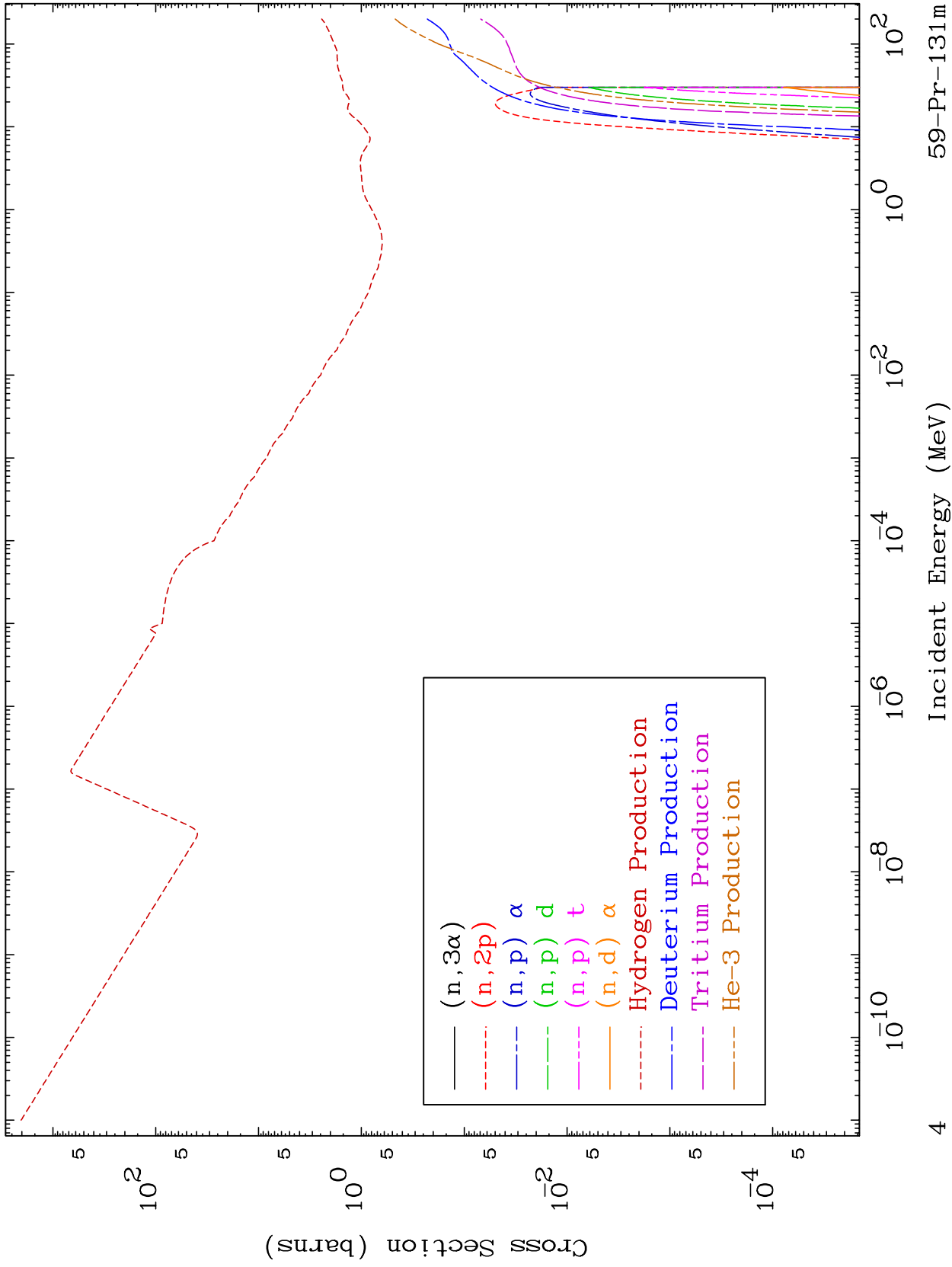




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Neutron Absorption
293 Kelvin Cross Sections

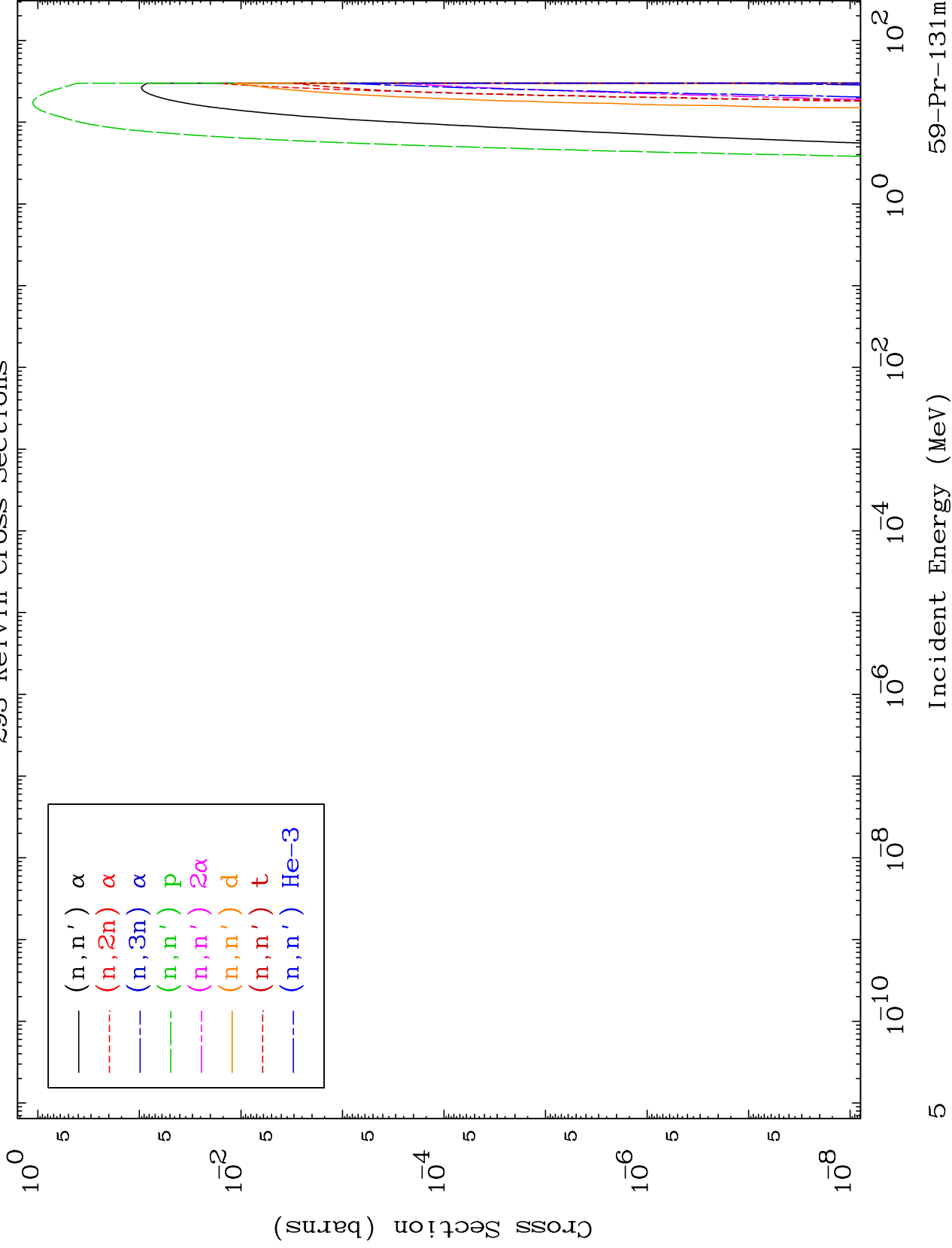
59-Pr-131m



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Charged Particle
293 Kelvin Cross Sections

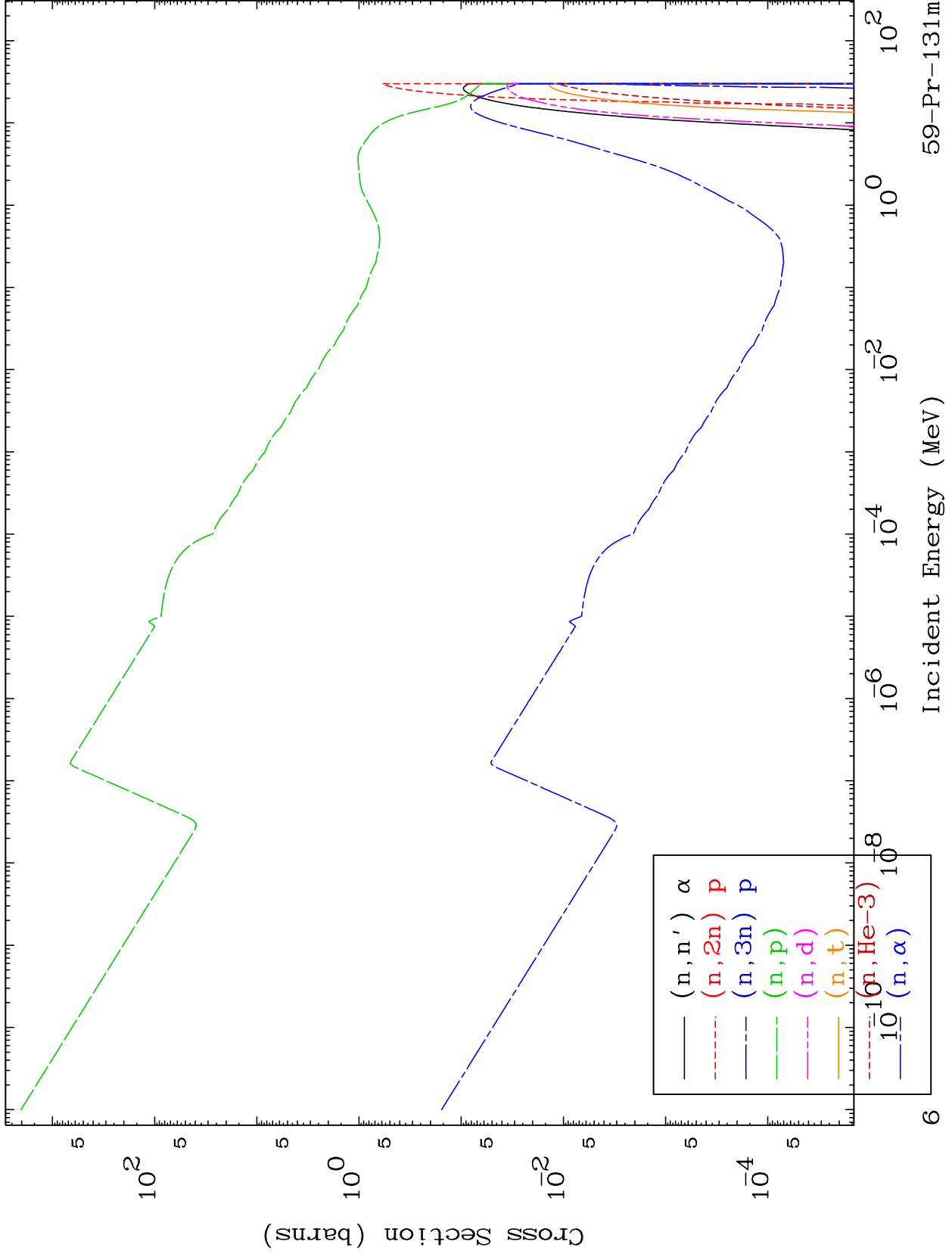
59-Pr-131m



MAT 5896

Charged Particle
293 Kelvin Cross Sections

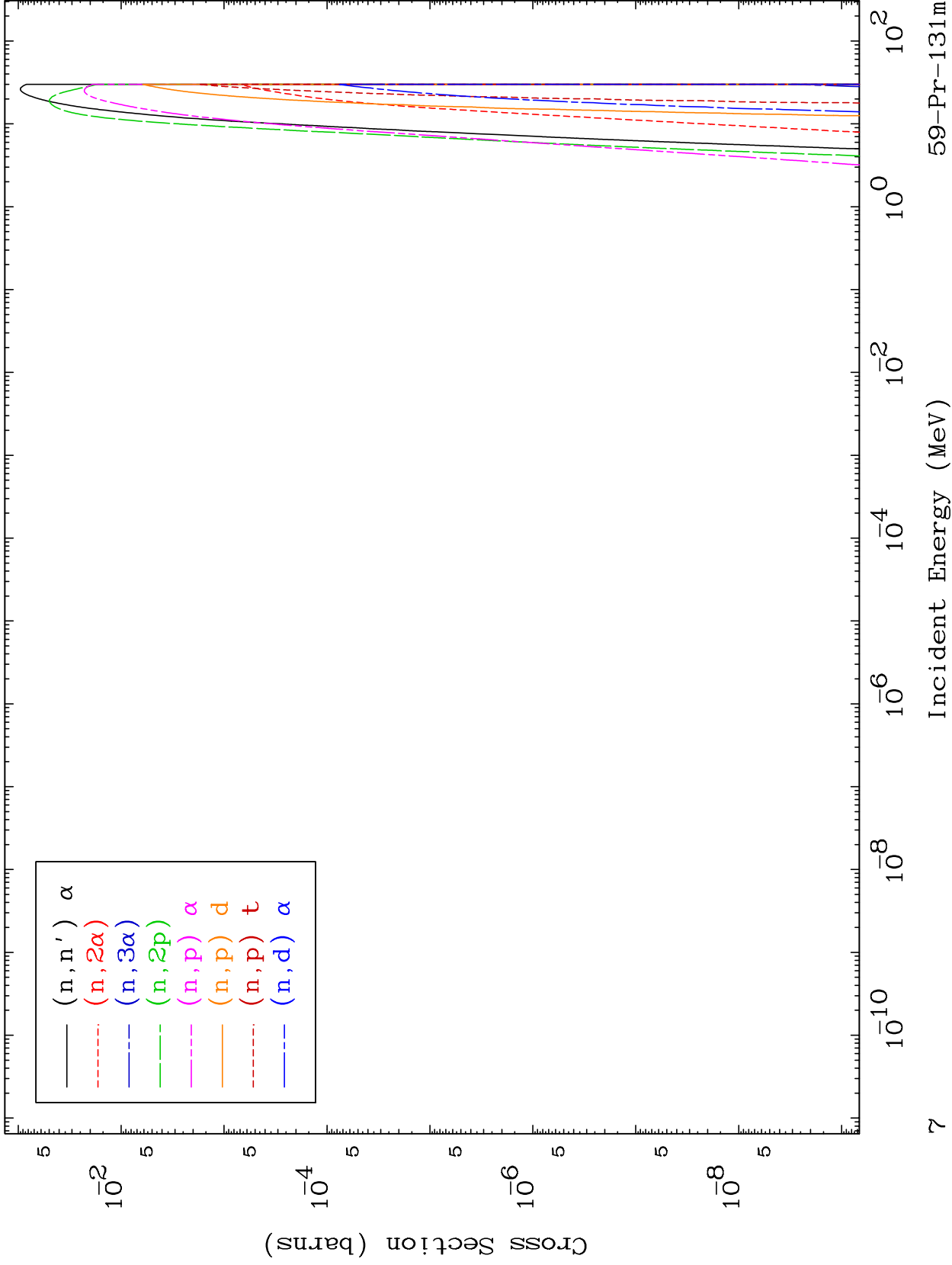
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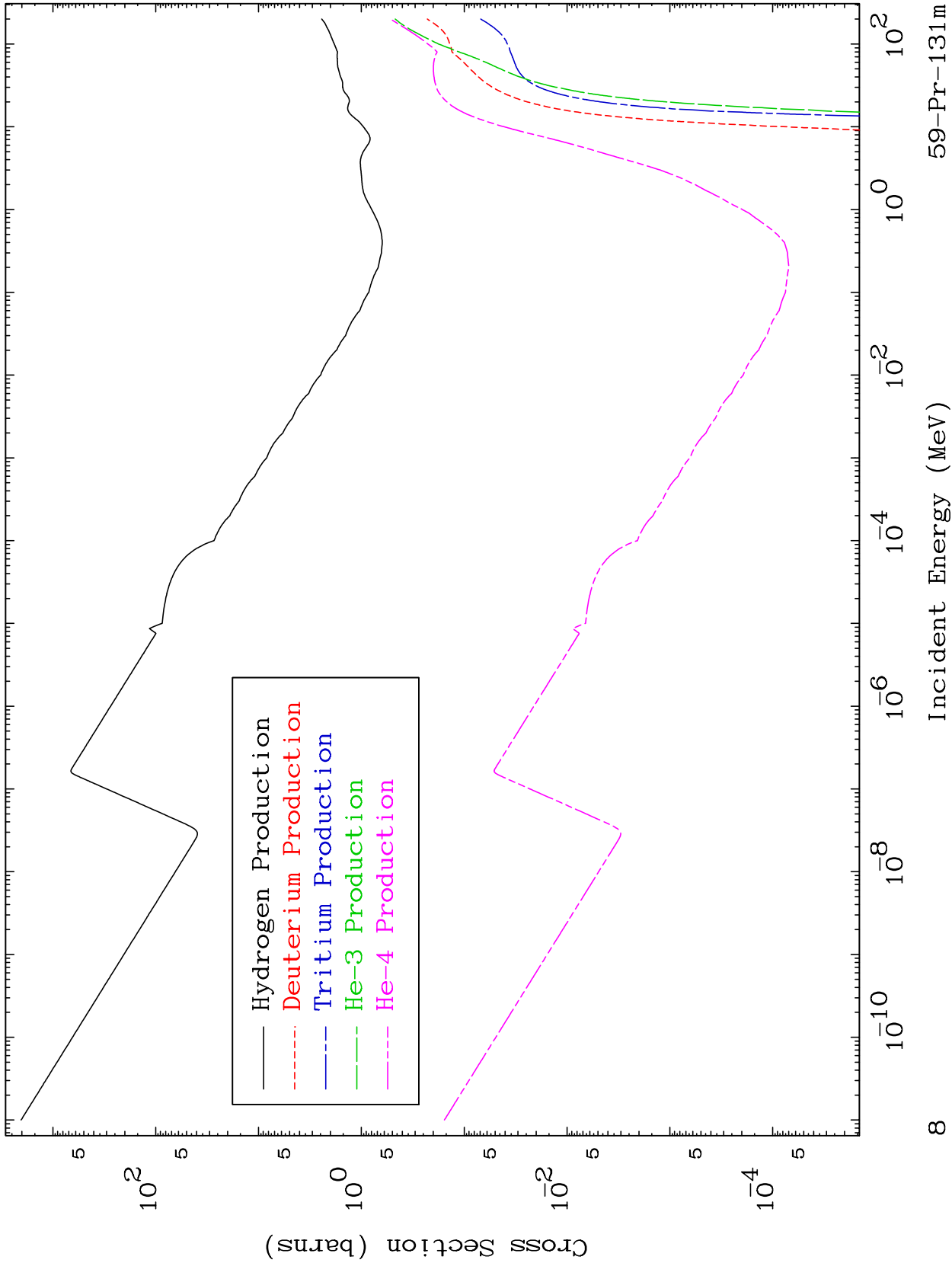


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Charged Particle
293 Kelvin Cross Sections

59-Pr-131m

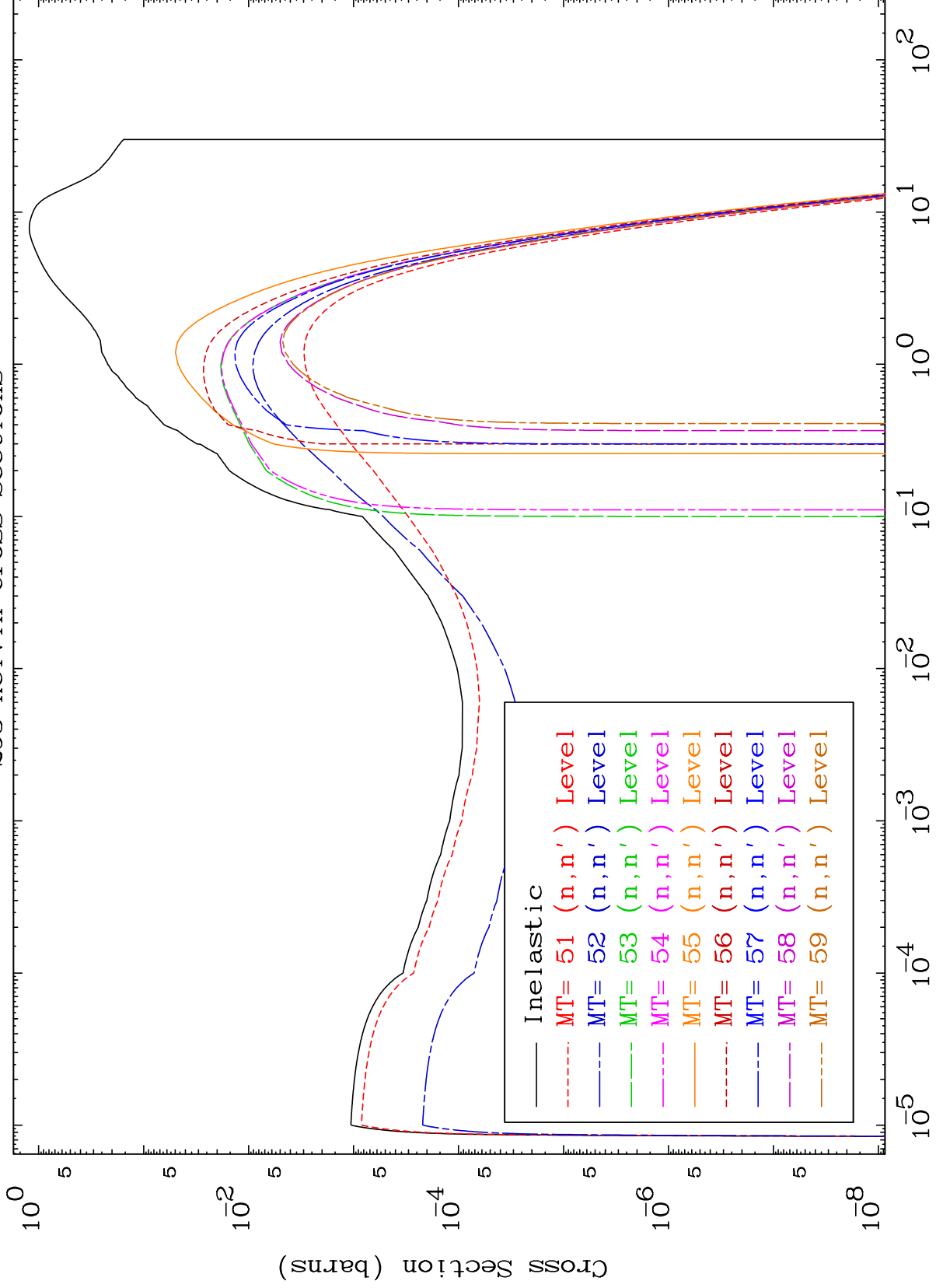




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(n,n') Levels
293 Kelvin Cross Sections

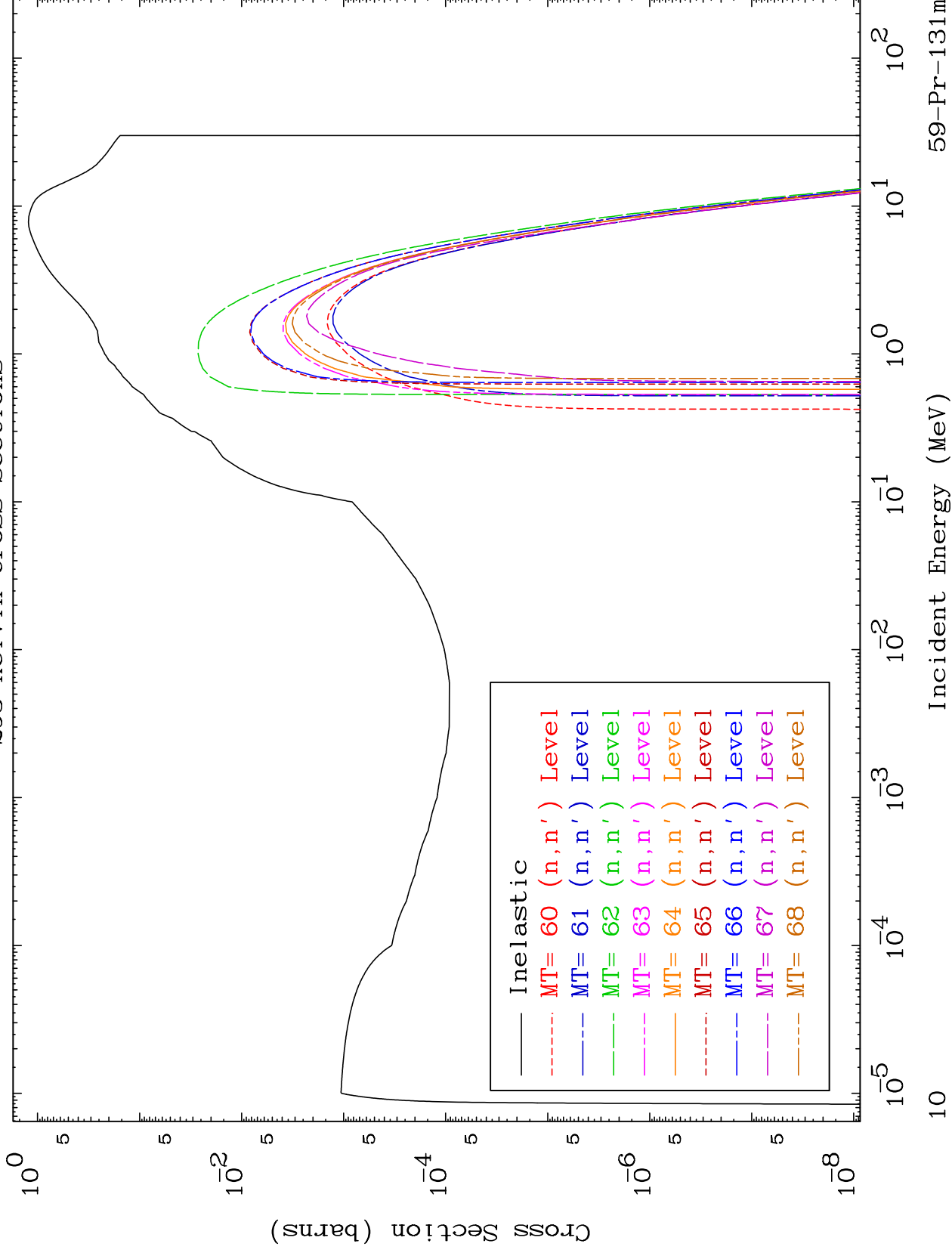
59-Pr-131m



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(n,n') Levels
293 Kelvin Cross Sections

59-Pr-131m



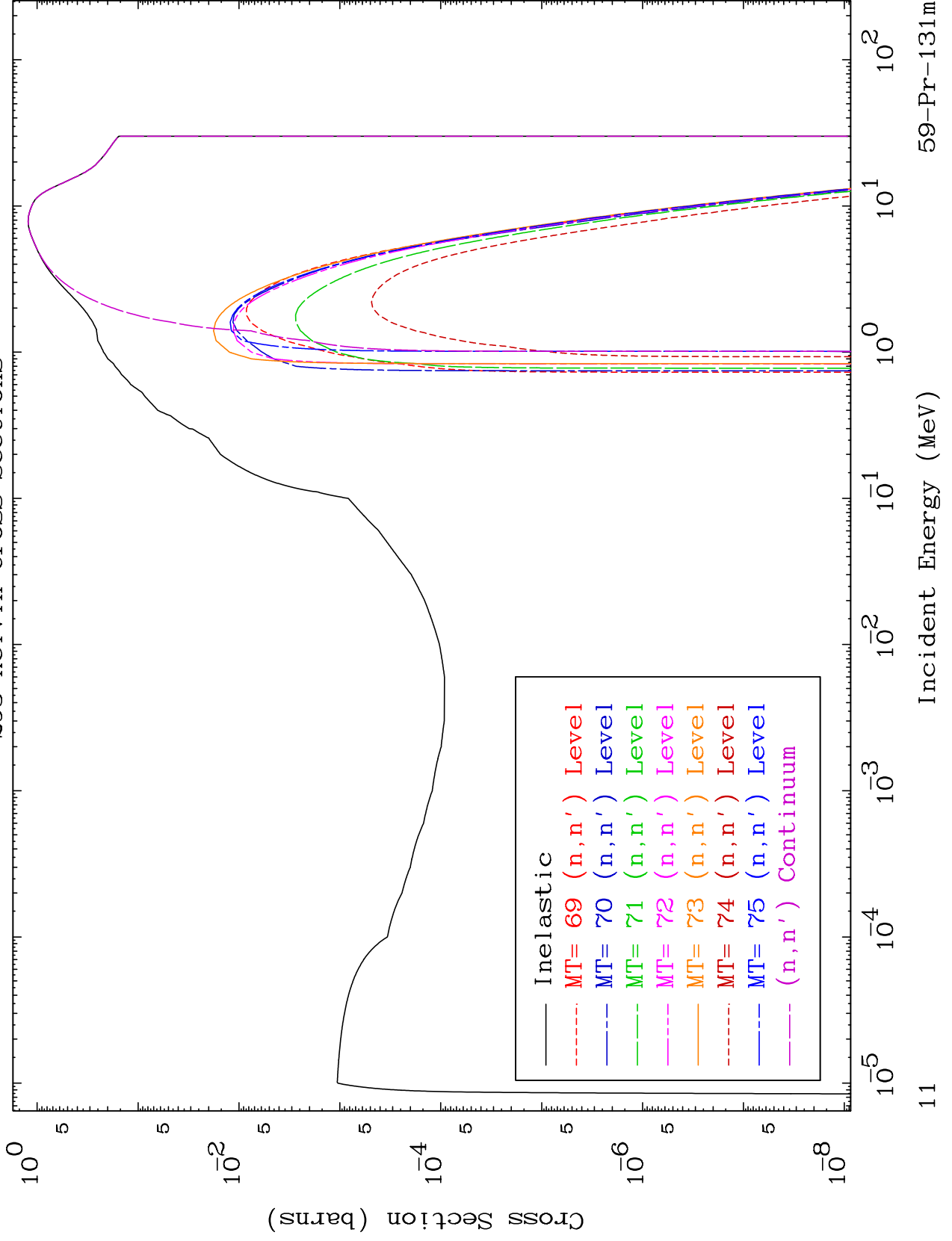
59-Pr-131m

Incident Energy (MeV)

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(n,n') Levels
293 Kelvin Cross Sections

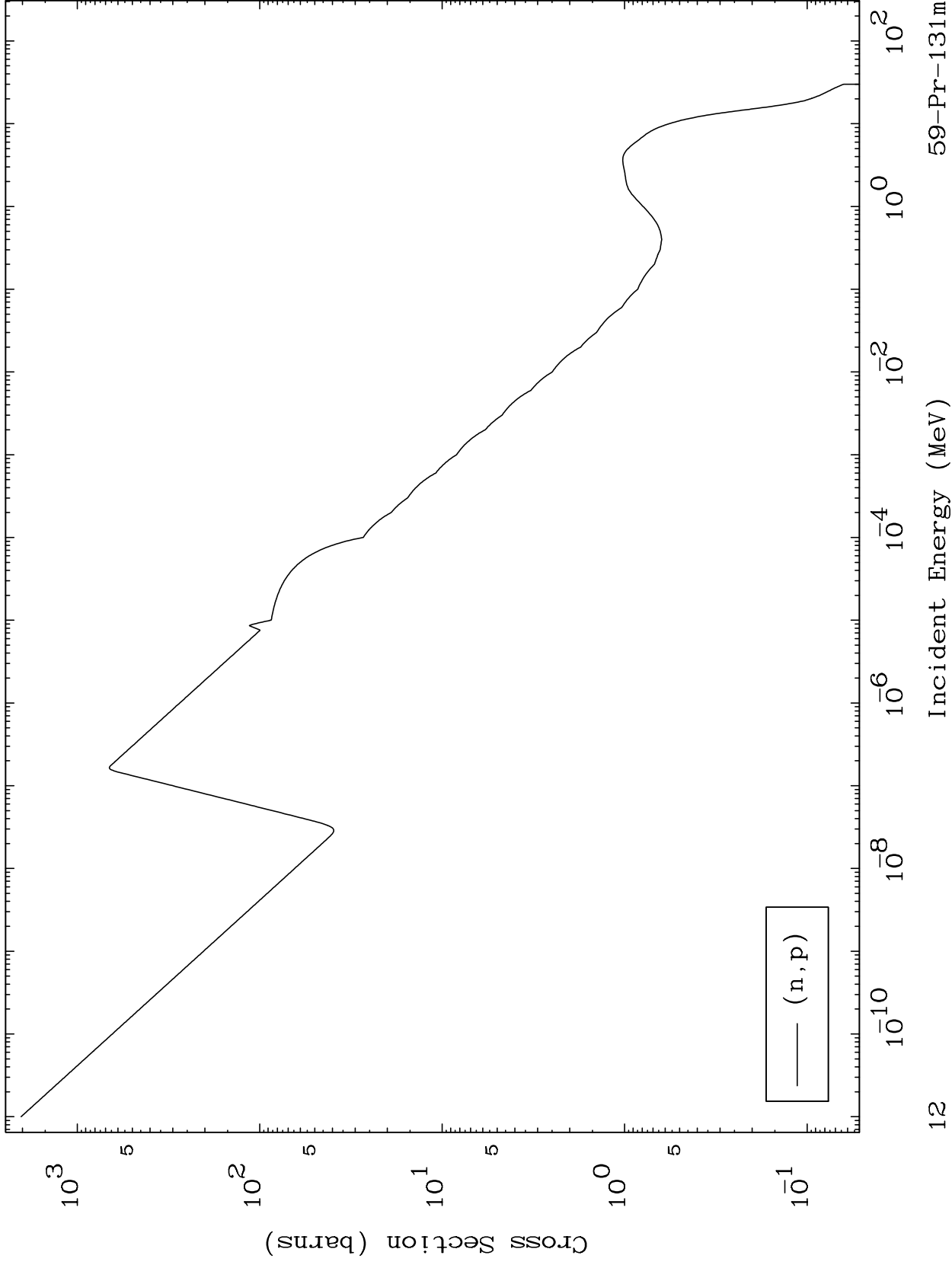
59-Pr-131m



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(n,p) Levels
293 Kelvin Cross Sections

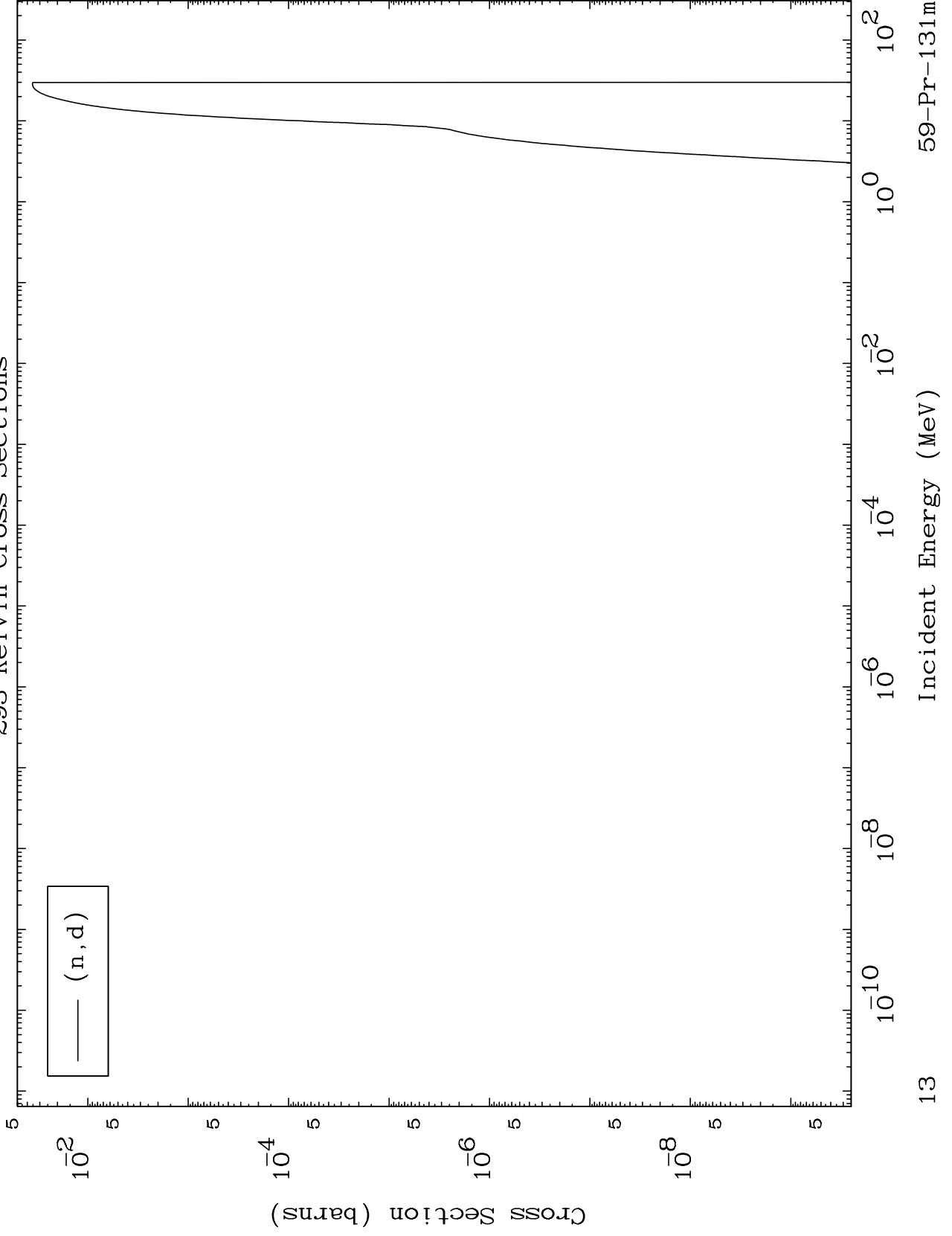
59-Pr-131m



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(n,d) Levels
293 Kelvin Cross Sections

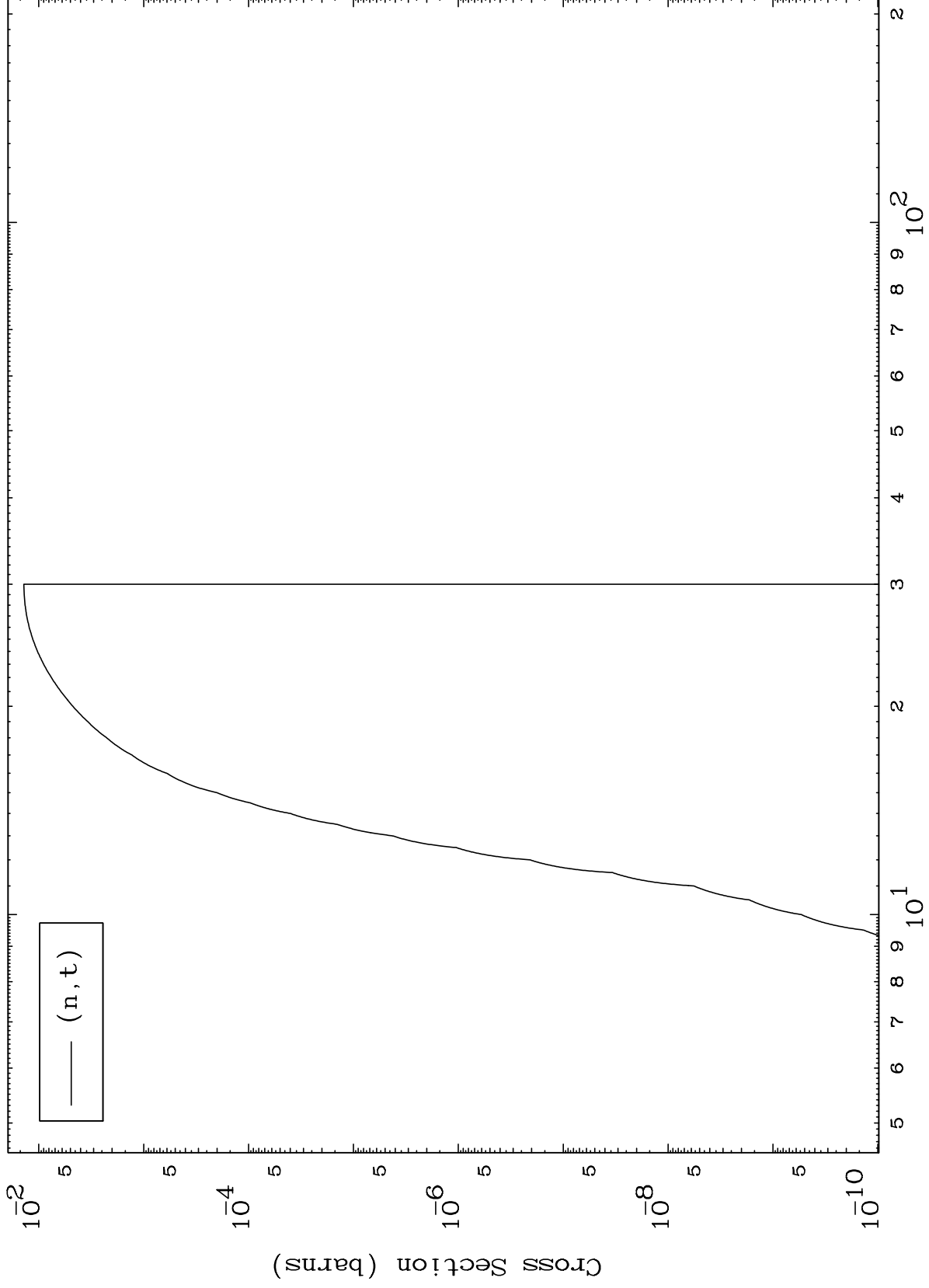
59-Pr-131m



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(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131m



14

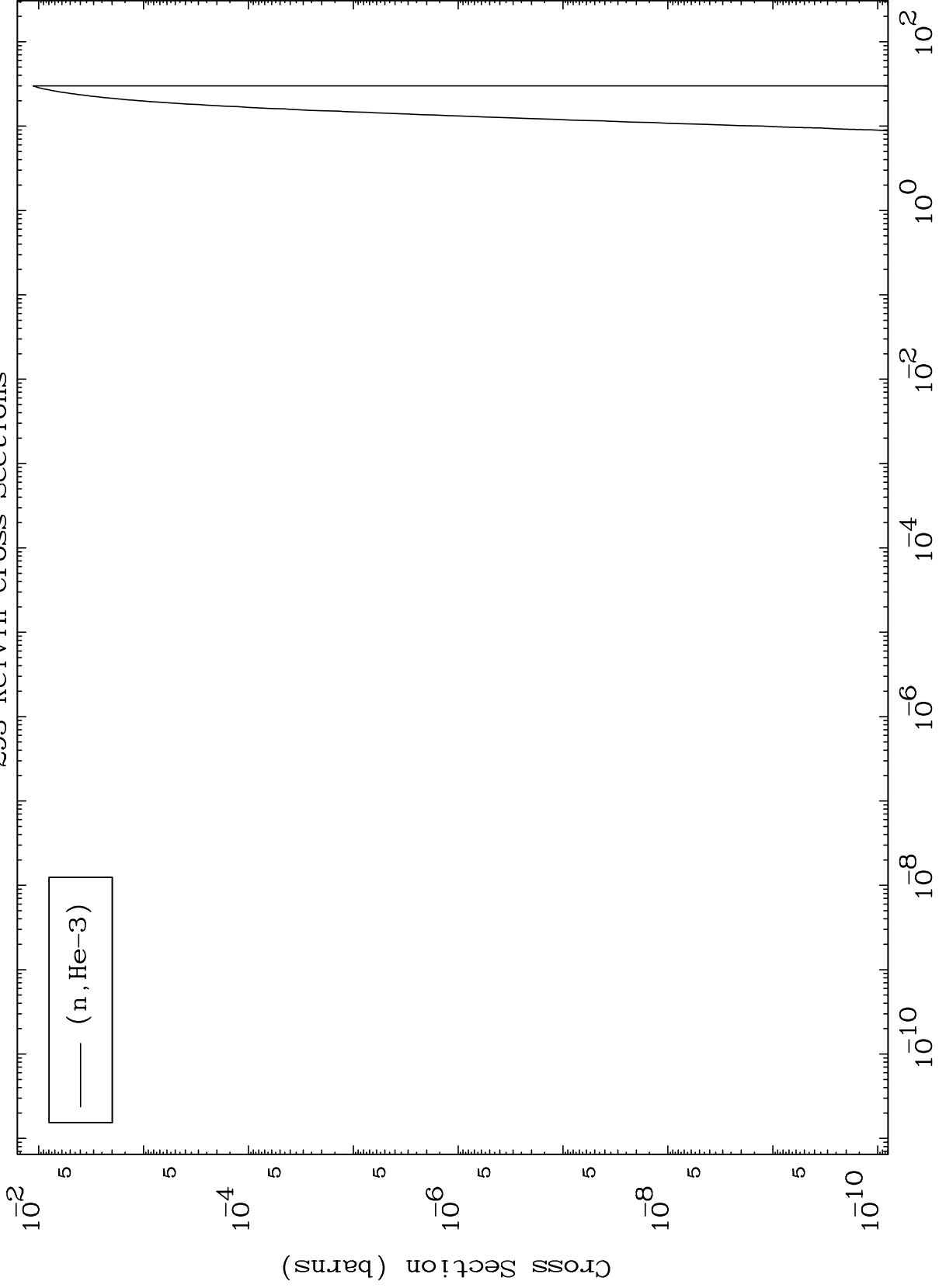
Incident Energy (MeV)

59-Pr-131m

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(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-131m



15

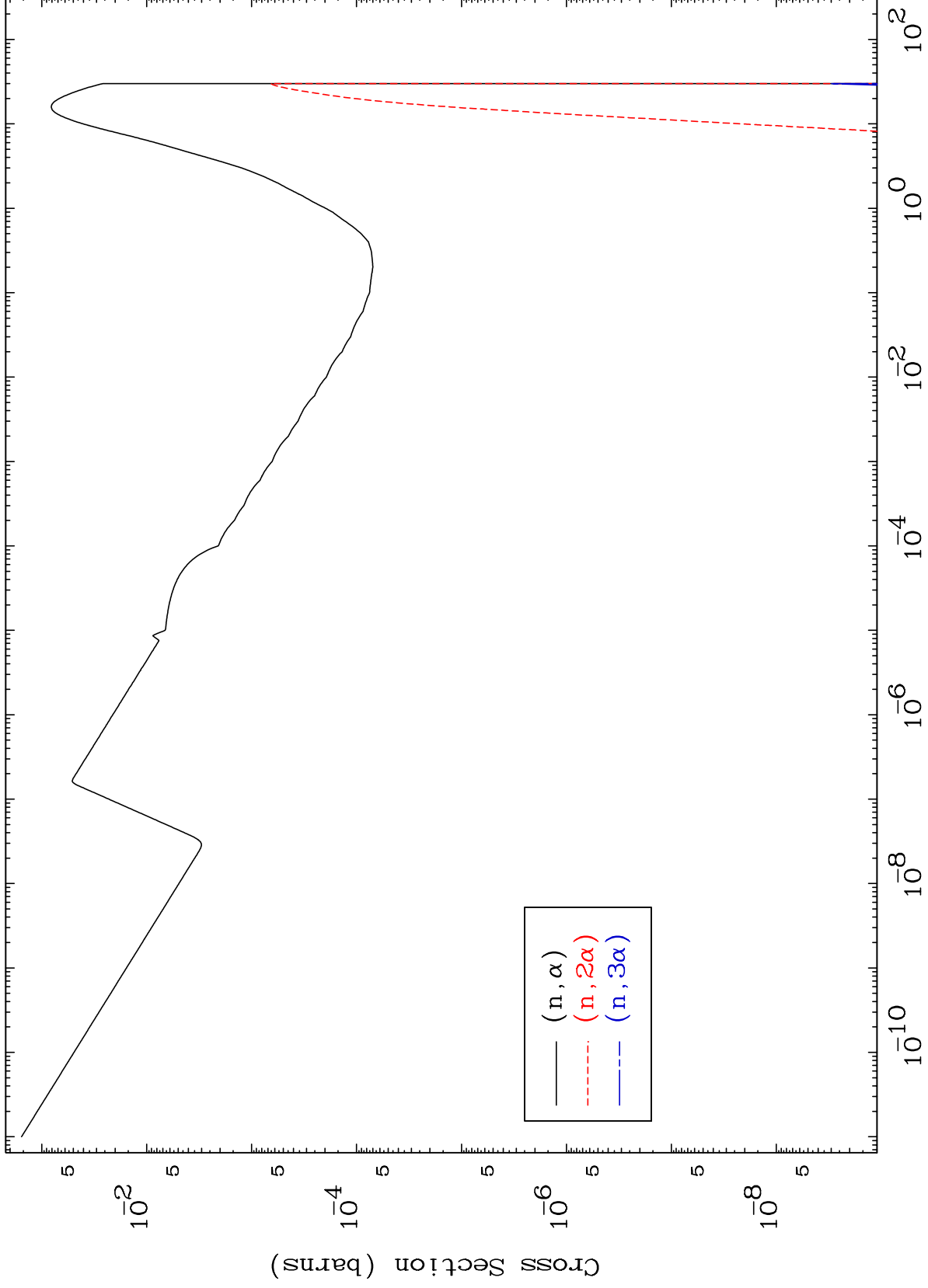
Incident Energy (MeV)

59-Pr-131m

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(n, α) Levels
293 Kelvin Cross Sections

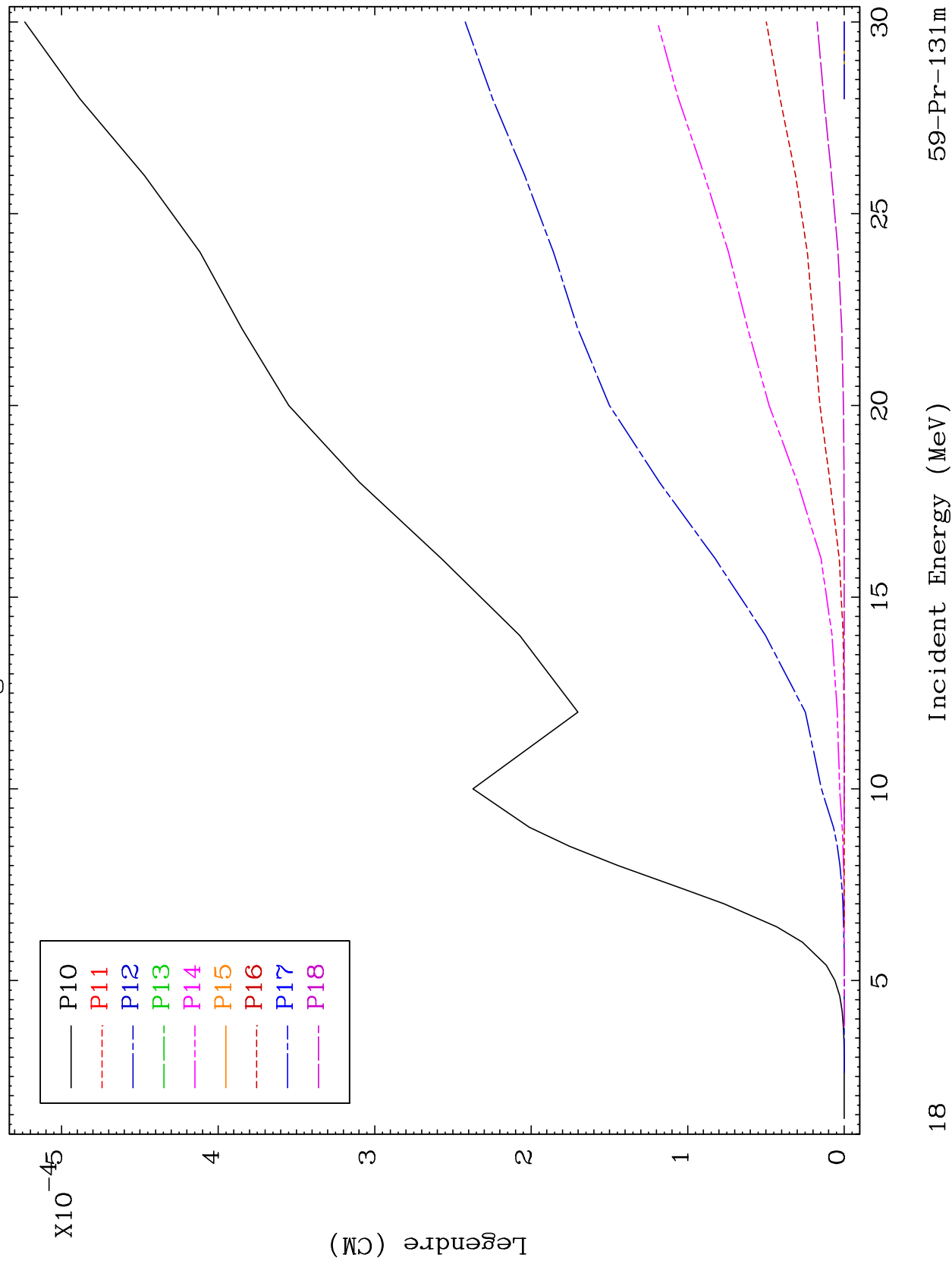
59-Pr-131m



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Elastic Legendre Coefficients

59-Pr-131m



18

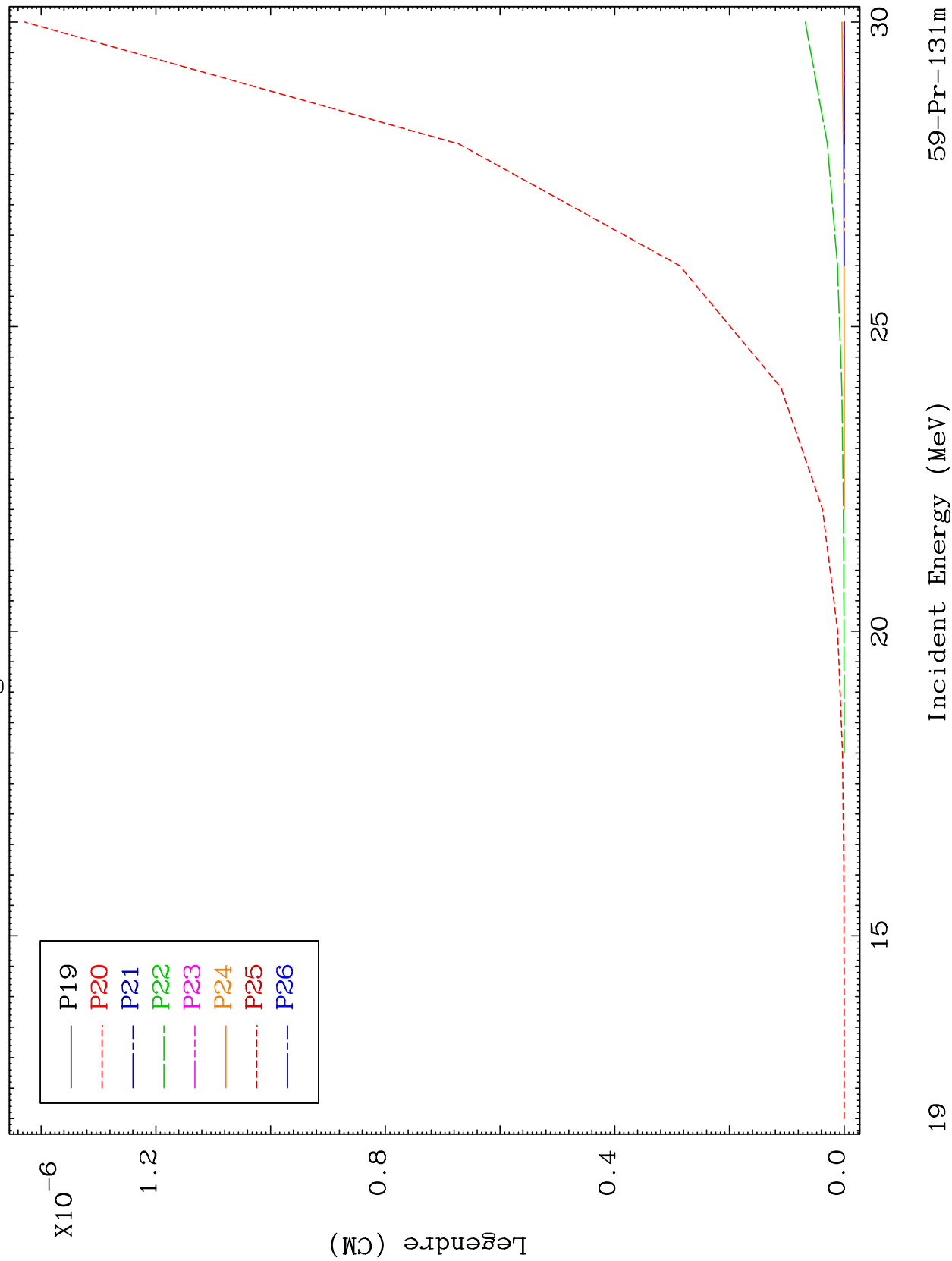
59-Pr-131m

Incident Energy (MeV)

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Elastic Legendre Coefficients

59-Pr-131m



19

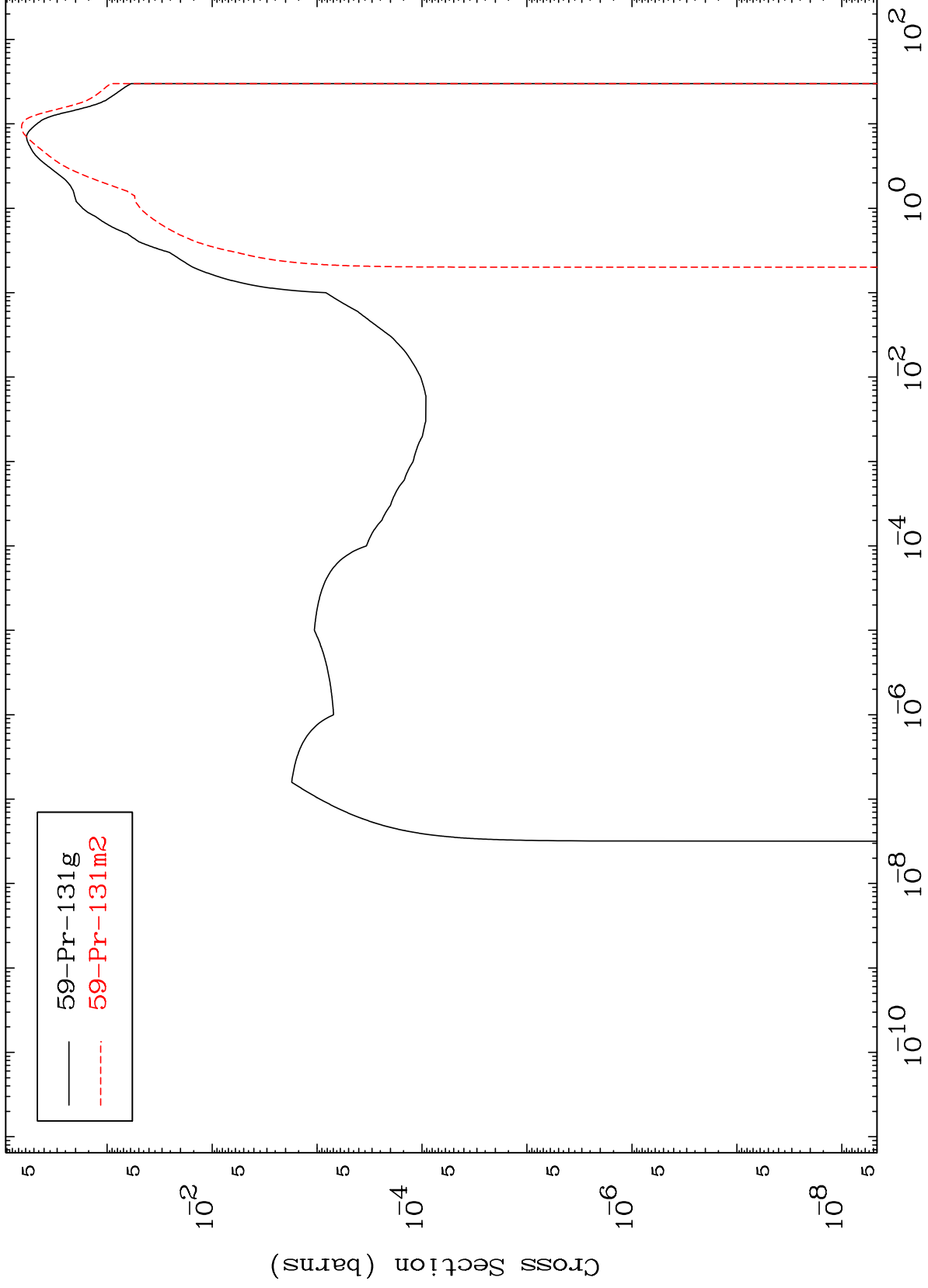
Incident Energy (MeV)

59-Pr-131m

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Inelastic
Radionuclide Production Cross Section

59-Pr-131m



59-Pr-131m

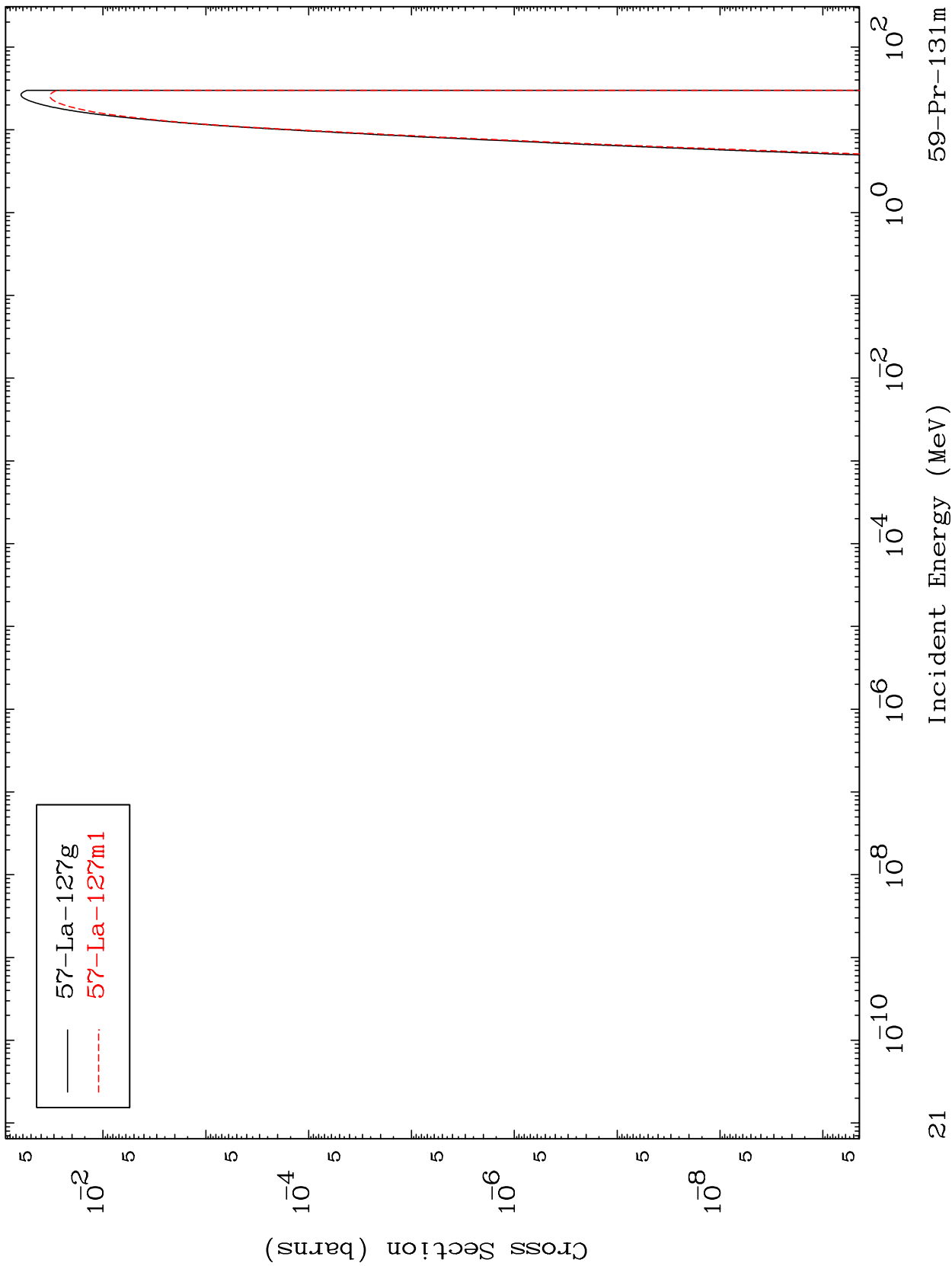
Incident Energy (MeV)

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$(n, n') \alpha$

59-Pr-131m

Radionuclide Production Cross Section

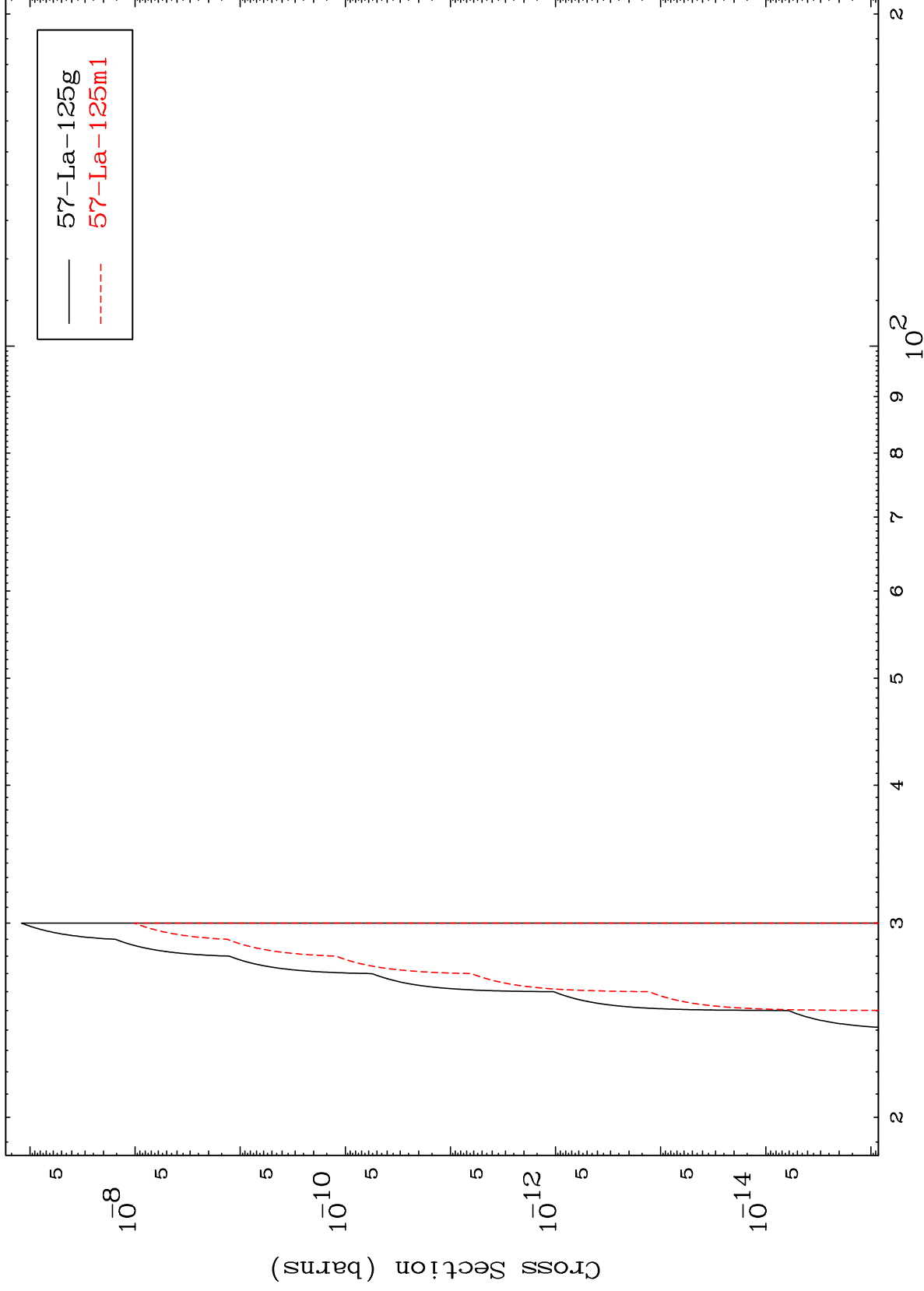


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(n,3n) α

59-Pr-131m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

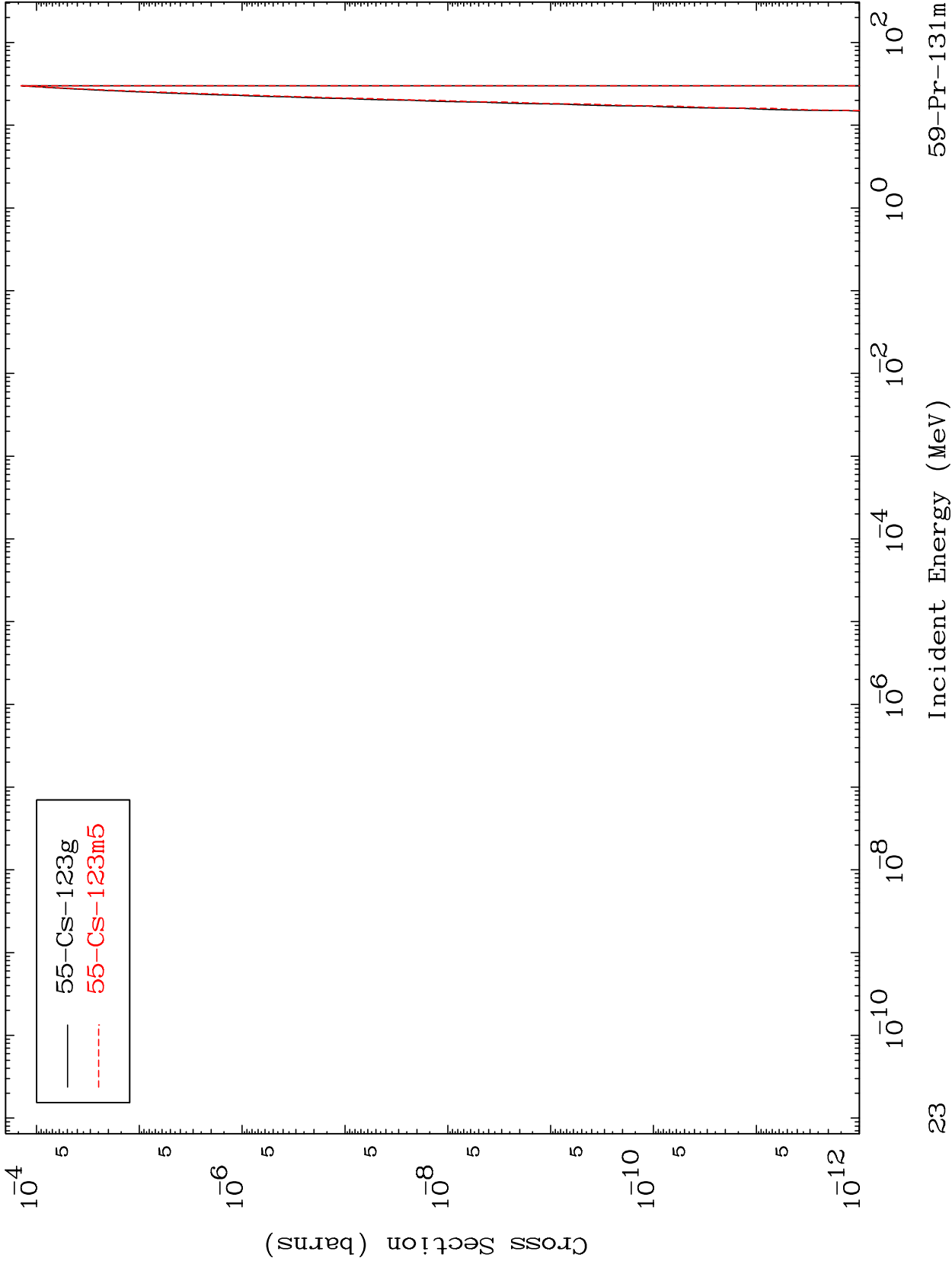
59-Pr-131m

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(n,n') 2 α

59-Pr-131m

Radionuclide Production Cross Section



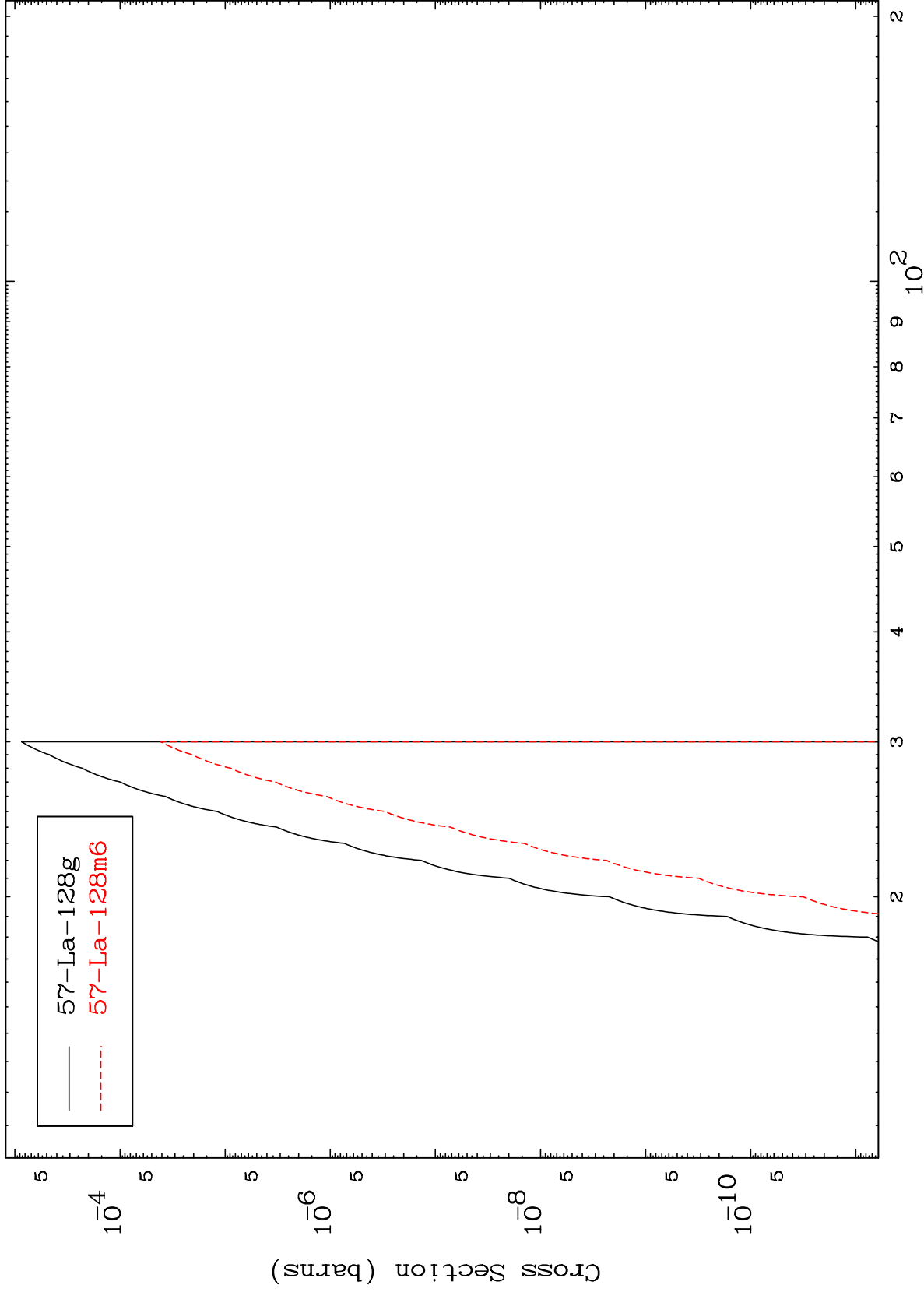
55-Cs-123g
55-Cs-123m5

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(n,n') He-3

59-Pr-131m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

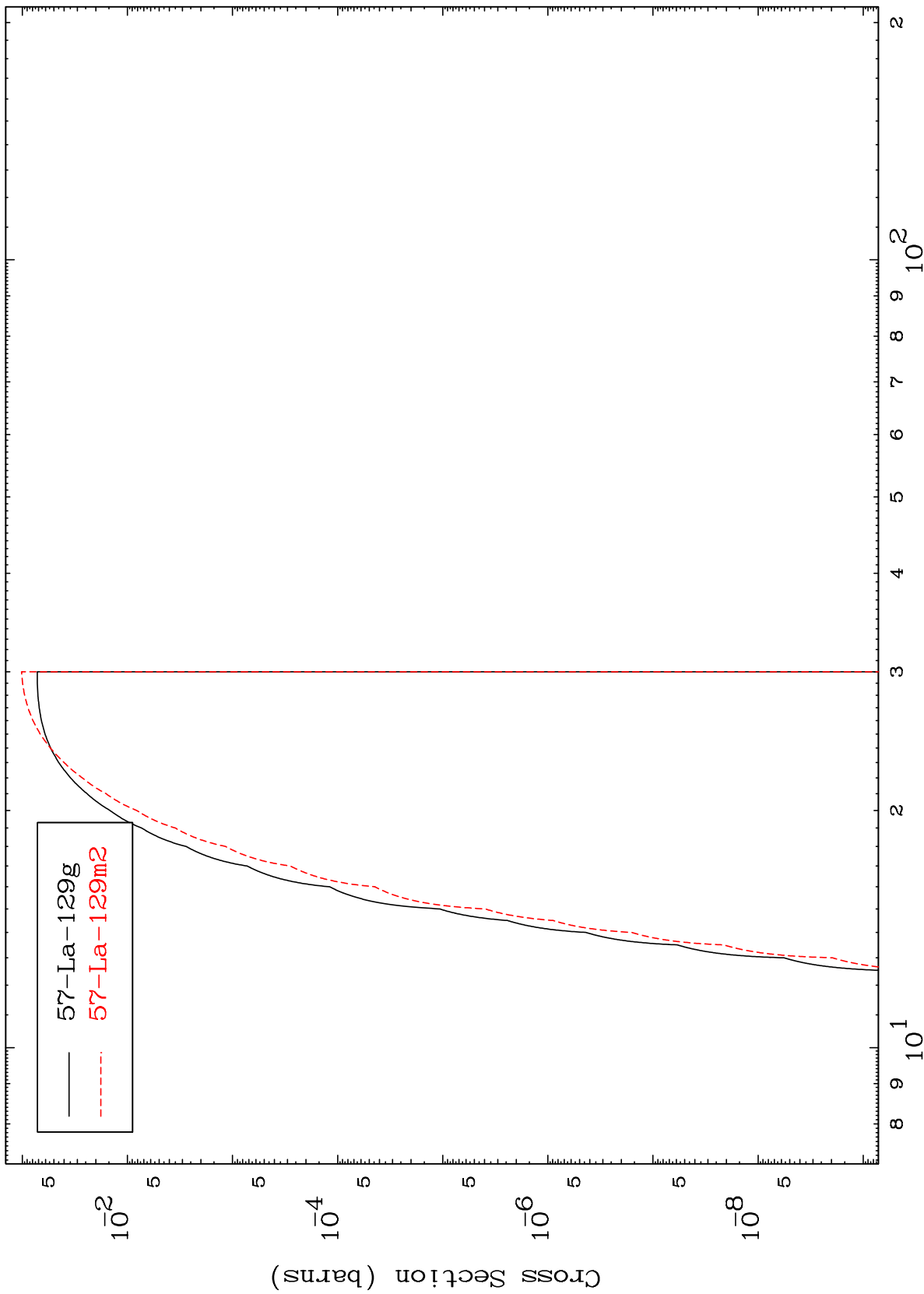
59-Pr-131m

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(n,2n) p

59-Pr-131m

Radionuclide Production Cross Section



25

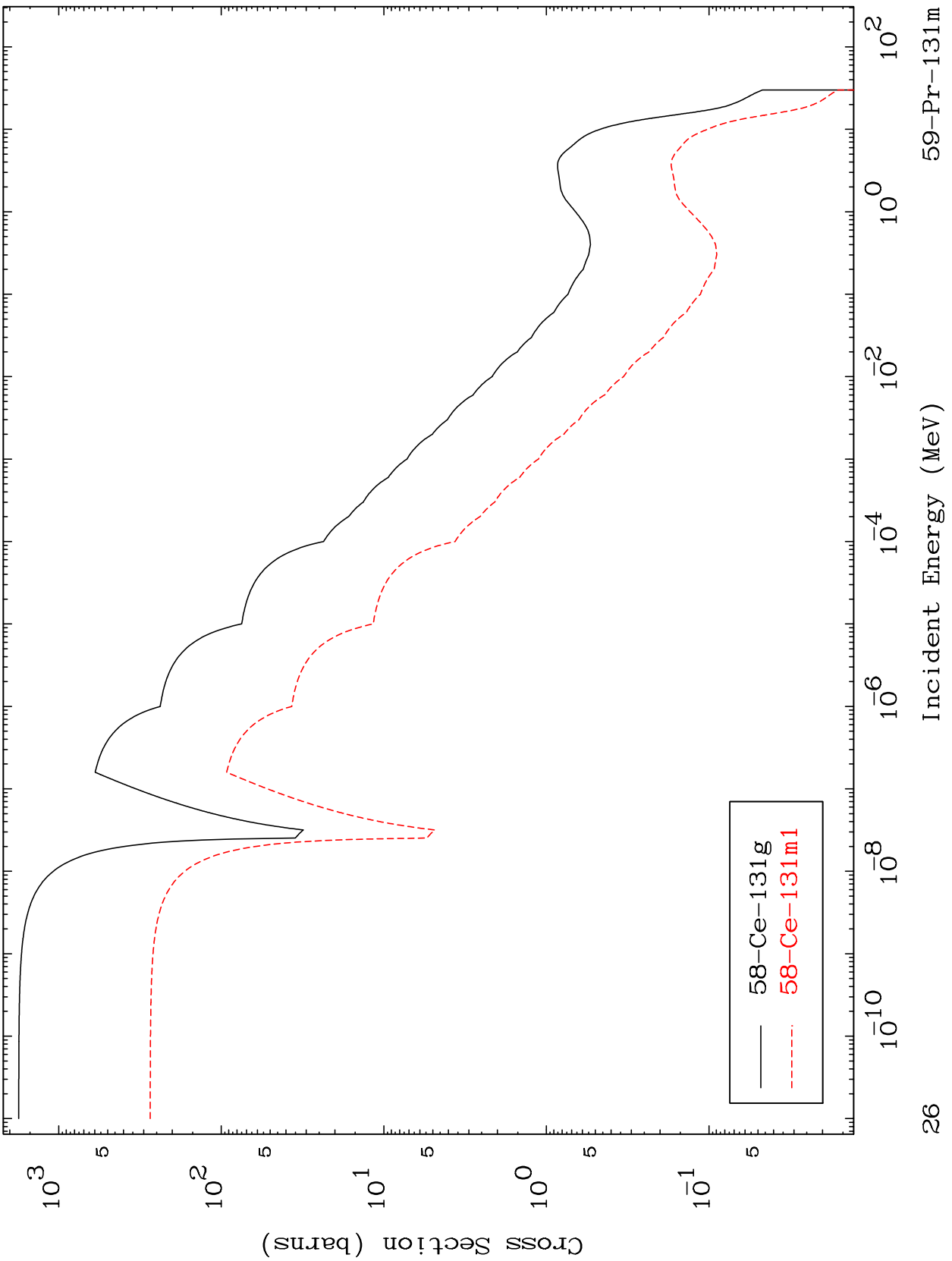
Incident Energy (MeV)

59-Pr-131m

MAT 5896

59-Pr-131m

(n,p)
Radionuclide Production Cross Section

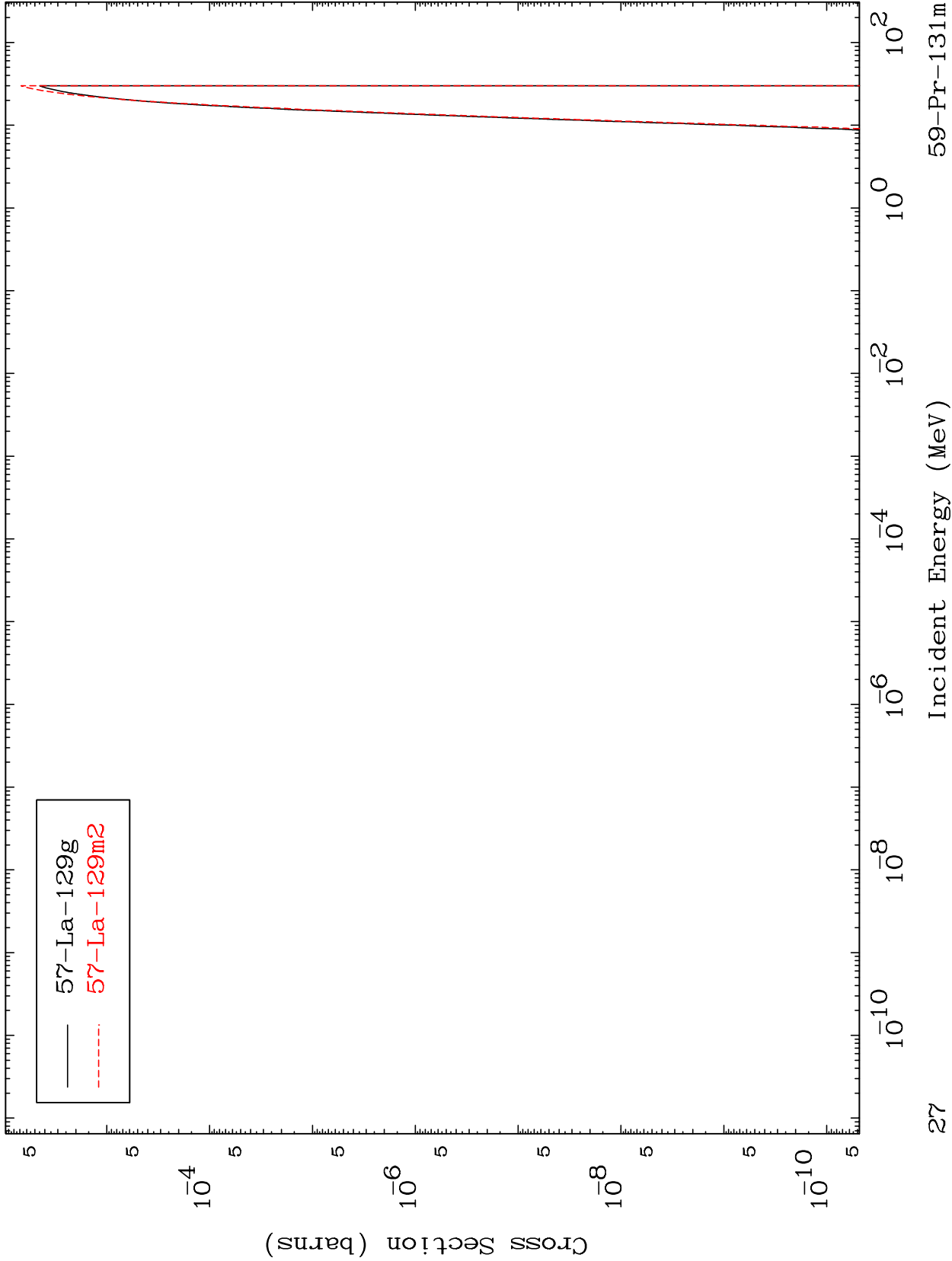


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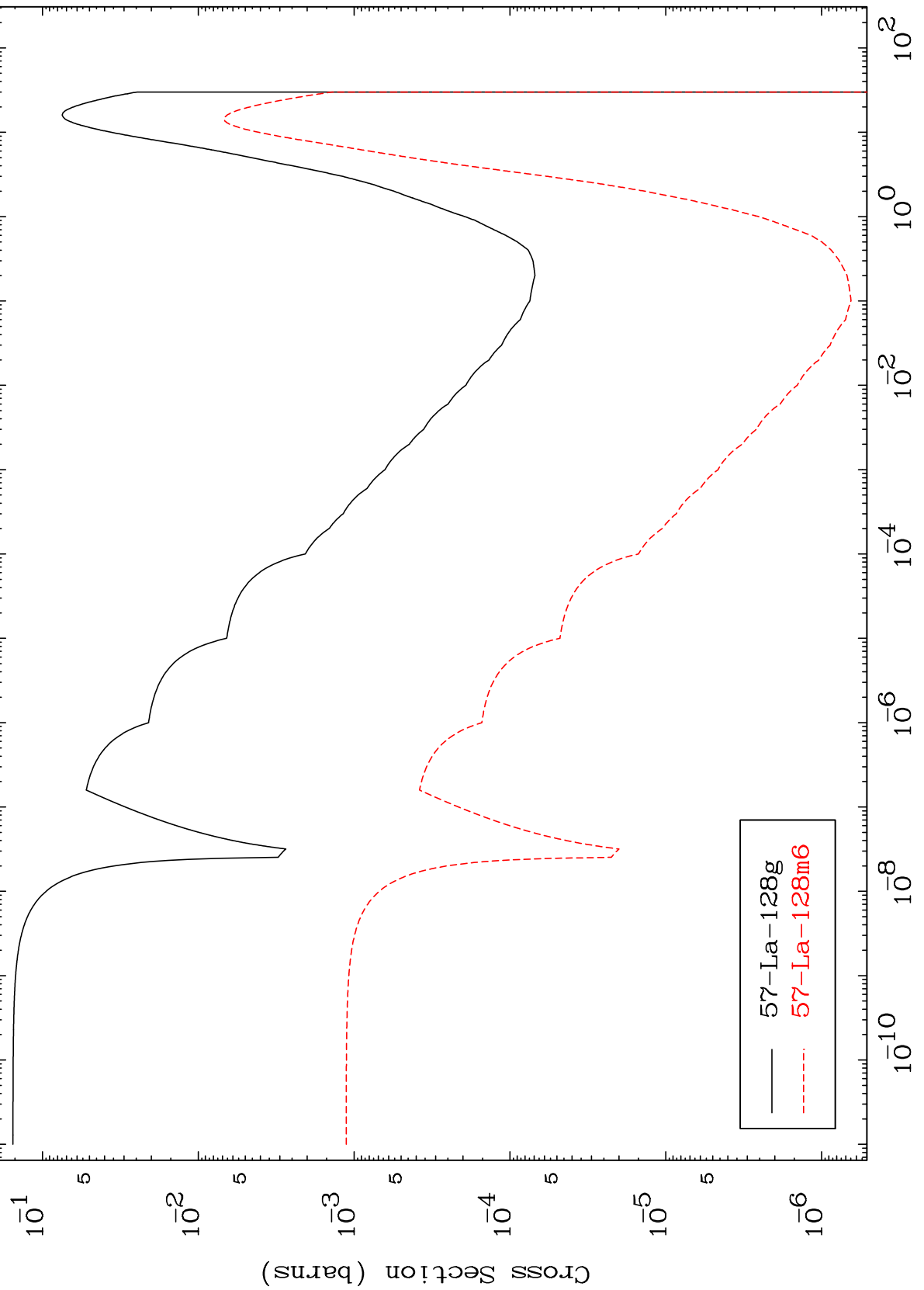
(n,He-3)

59-Pr-131m

Radionuclide Production Cross Section



Radionuclide Production Cross Section (n, α)

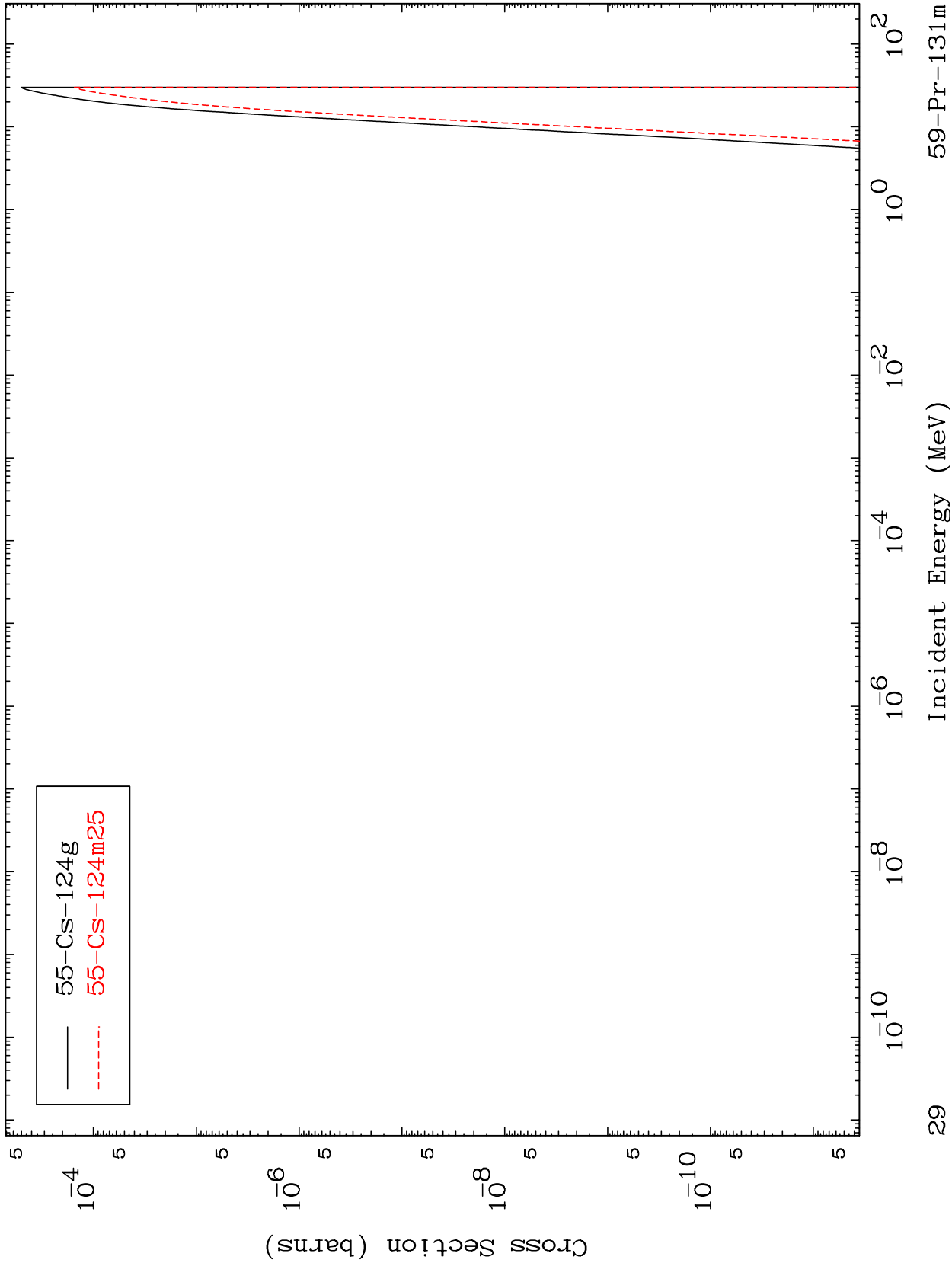


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(n,2α)

59-Pr-131m

Radionuclide Production Cross Section

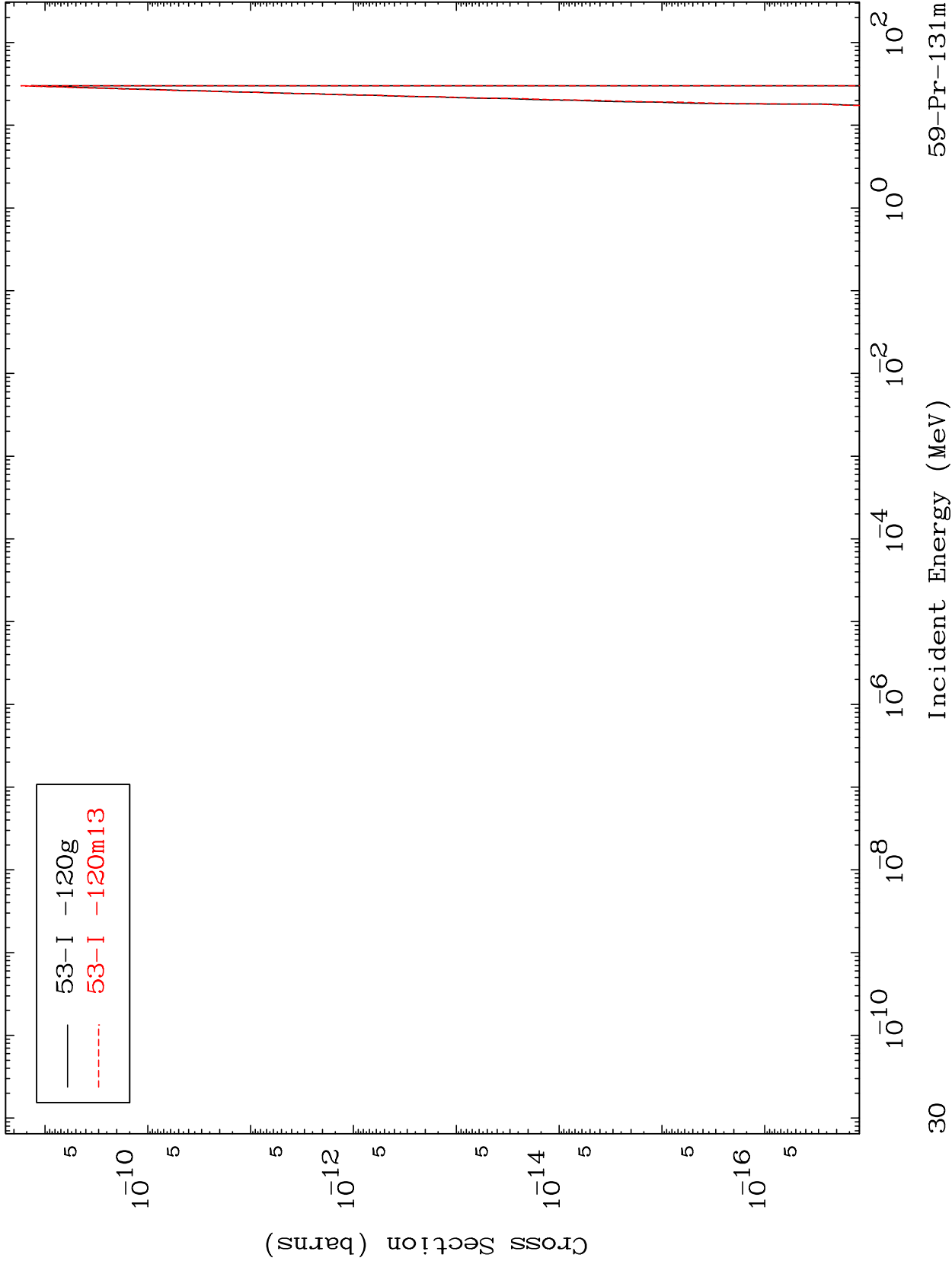


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(n,3α)

59-Pr-131m

Radionuclide Production Cross Section

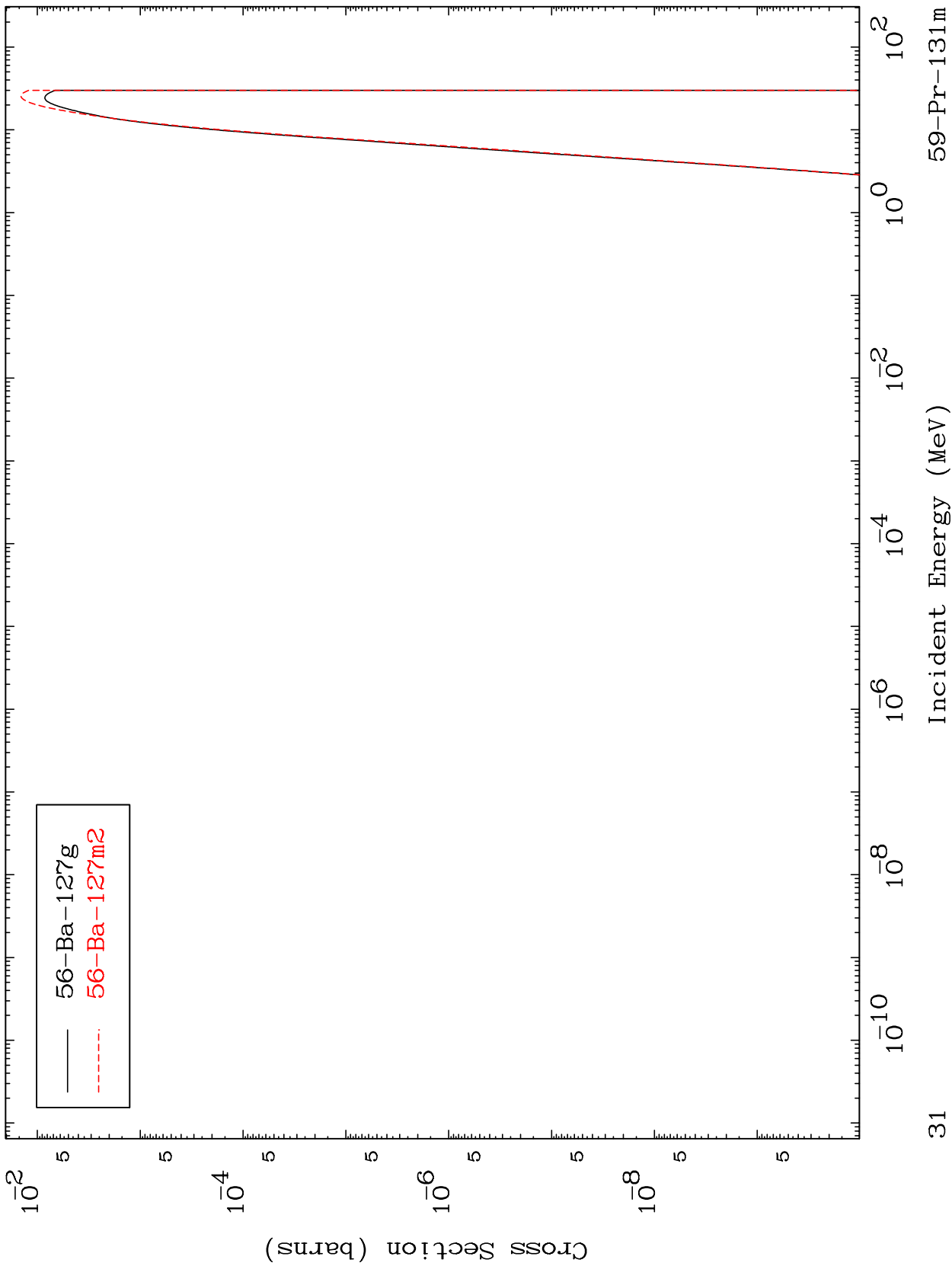


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(n,p) α

59-Pr-131m

Radionuclide Production Cross Section

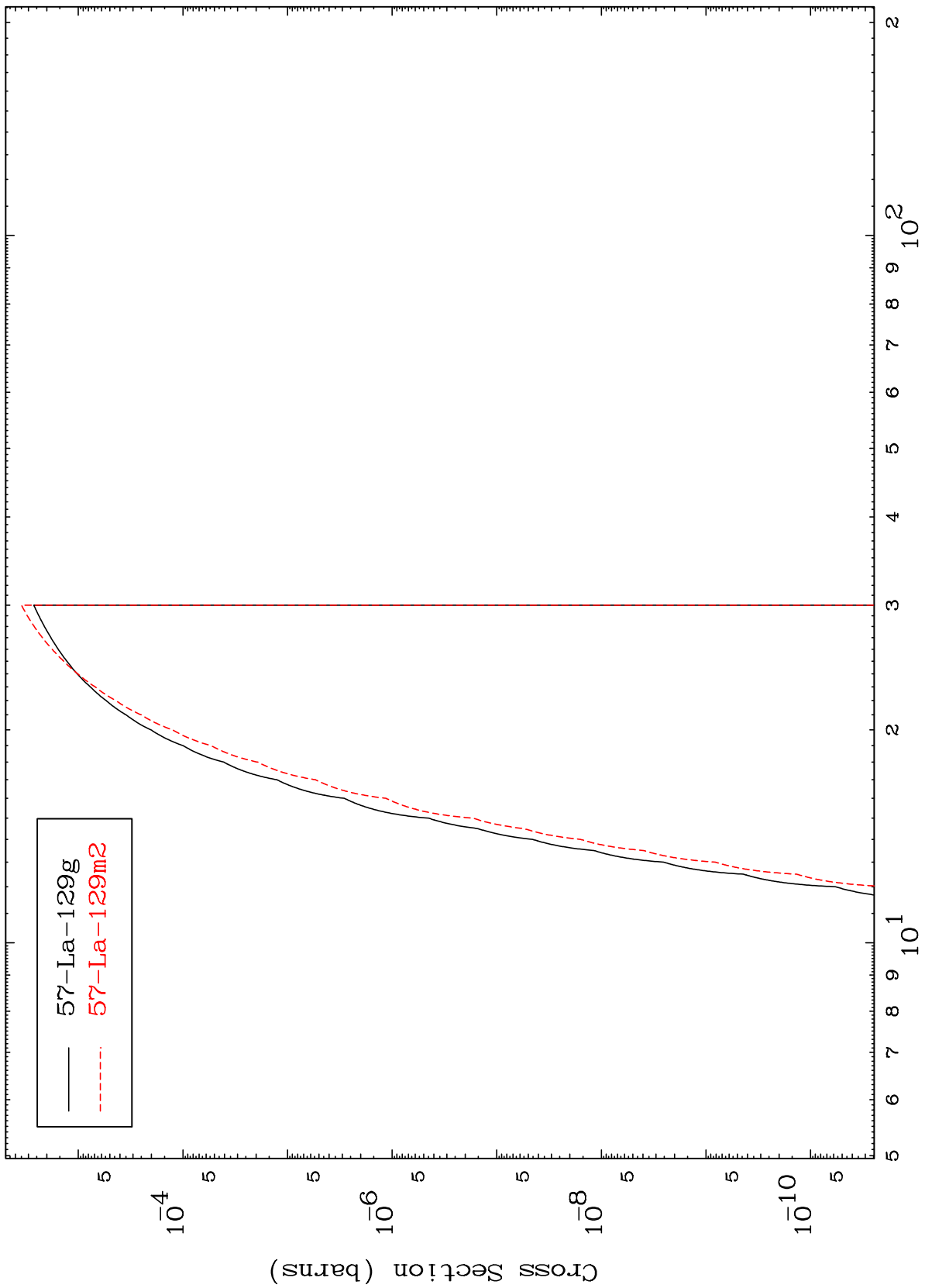


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(n,p) d

59-Pr-131m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

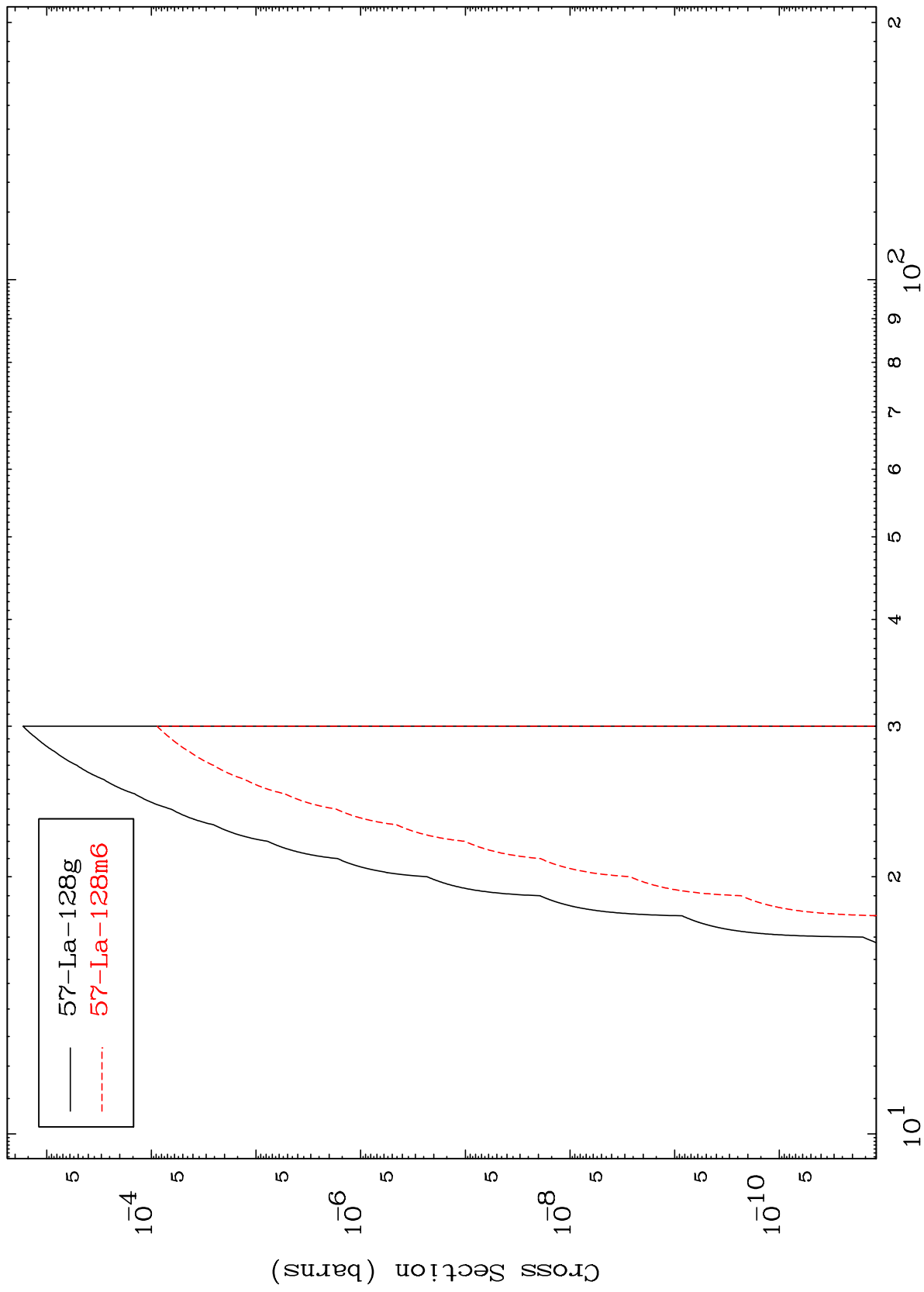
59-Pr-131m

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(n,p) t

59-Pr-131m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

59-Pr-131m