

Program EVALPLOT
(Version 2018-1)

by

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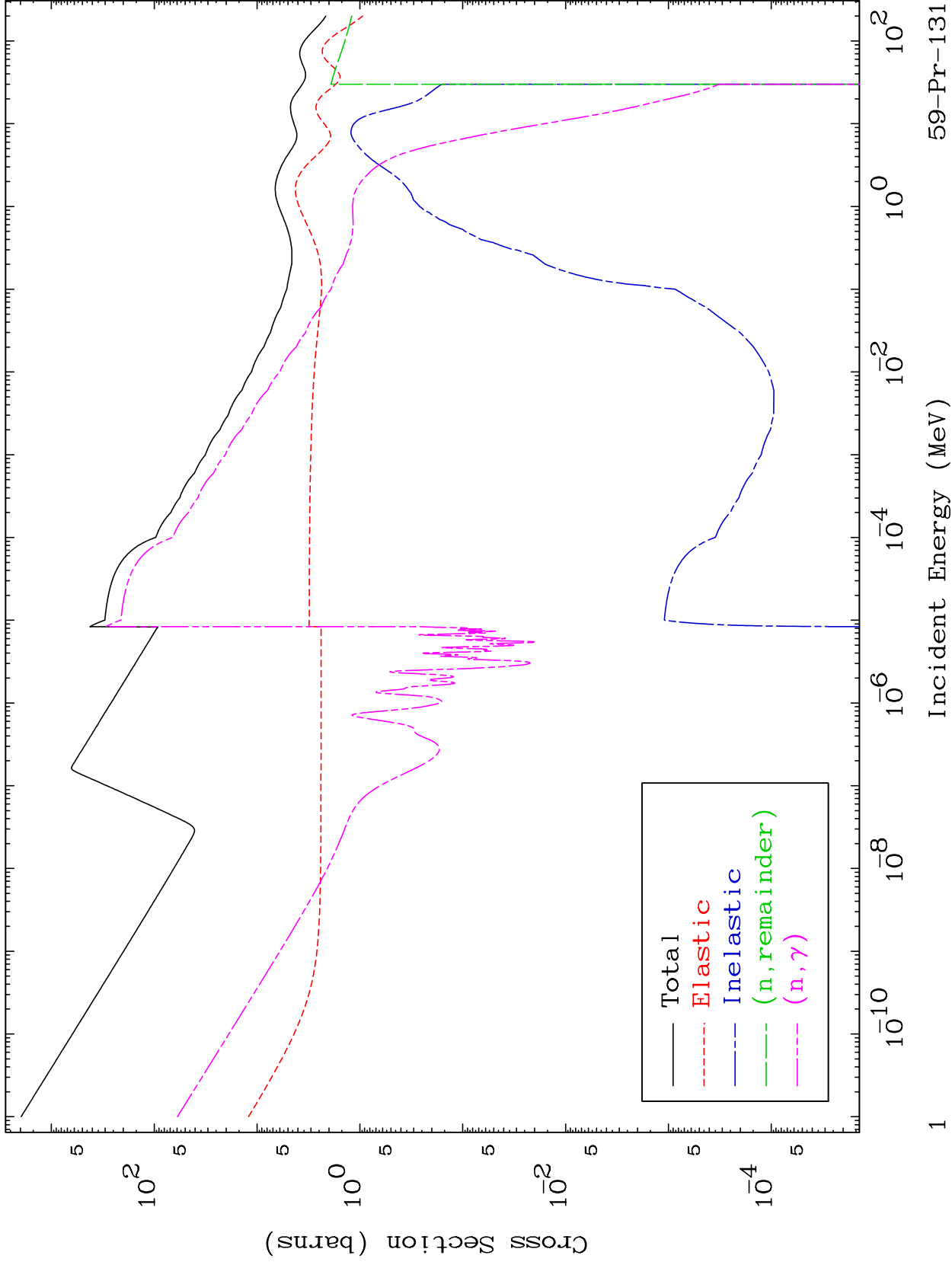
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5896

Major
293 Kelvin Cross Sections

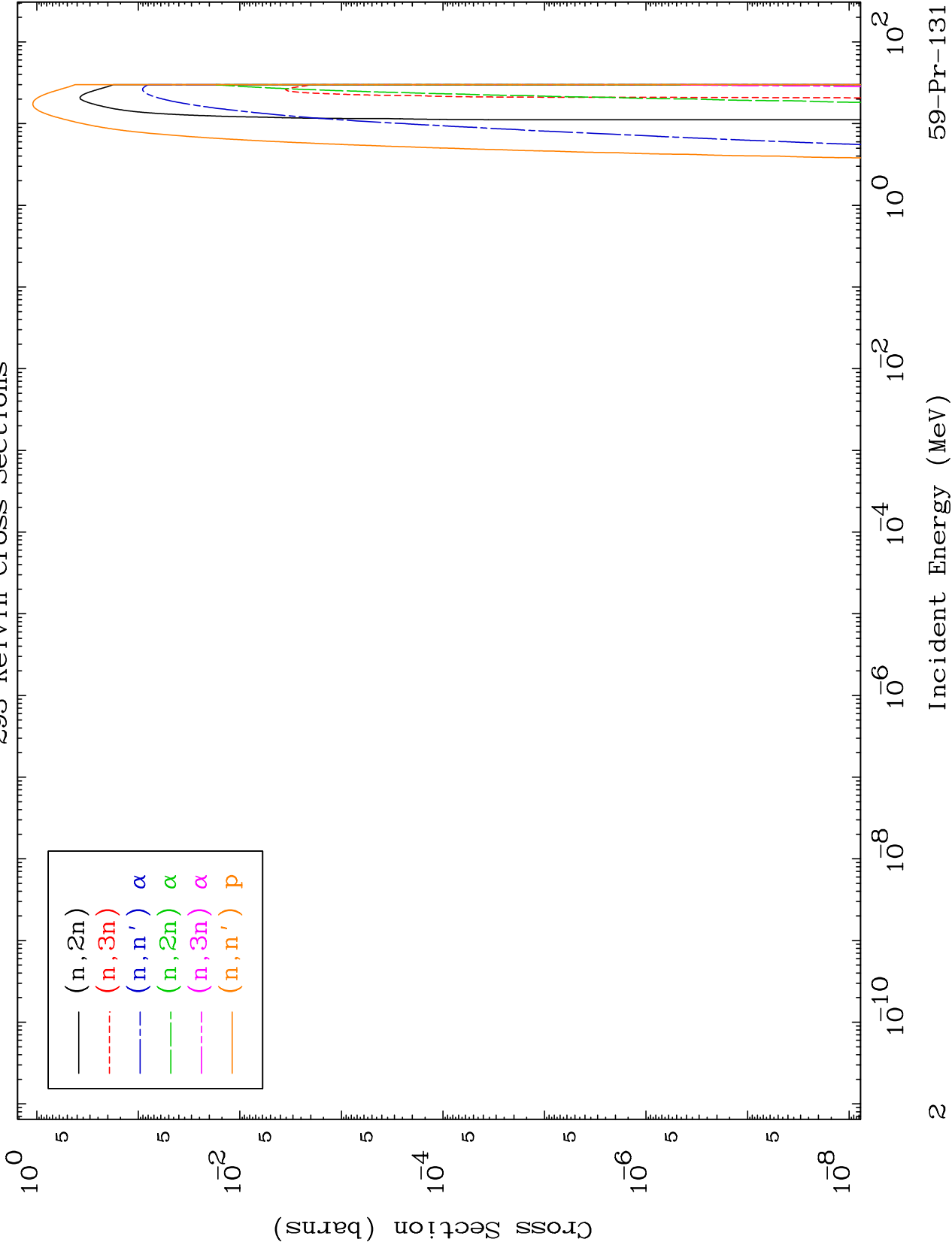
59-Pr-131



MAT 5896

Neutron Production
293 Kelvin Cross Sections

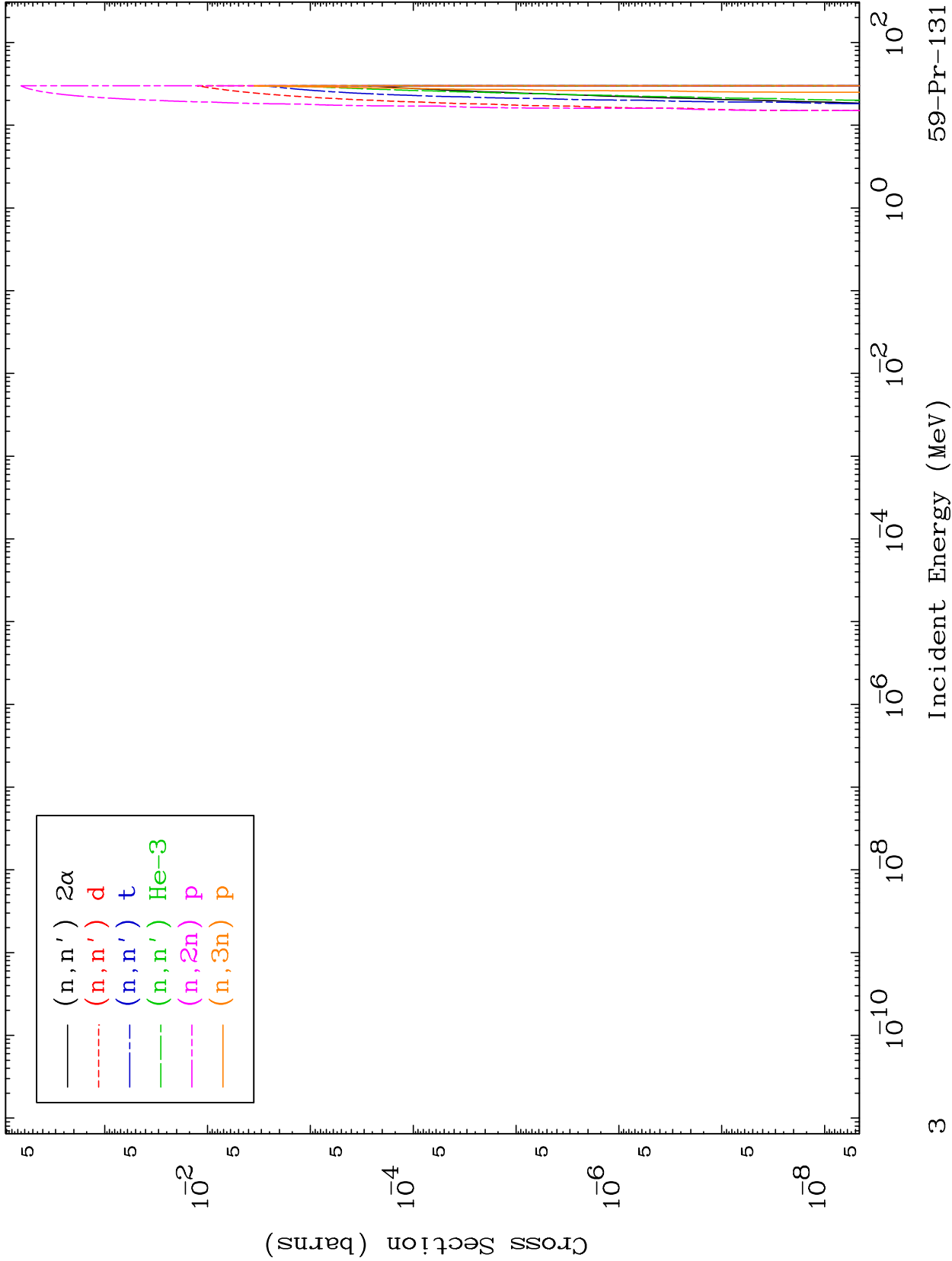
59-Pr-131



MAT 5896

Neutron Production
293 Kelvin Cross Sections

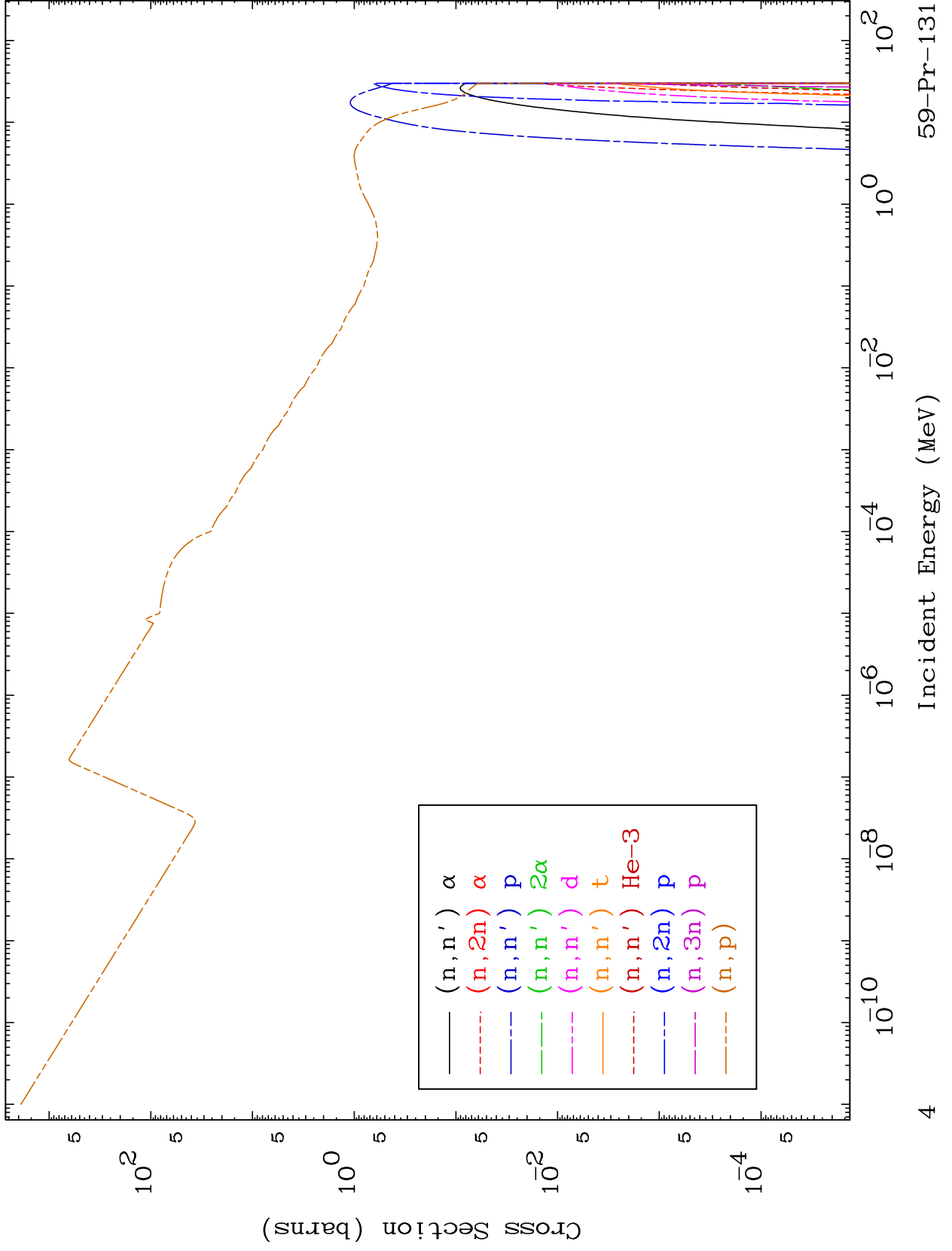
59-Pr-131



MAT 5896

Charged Particle
293 Kelvin Cross Sections

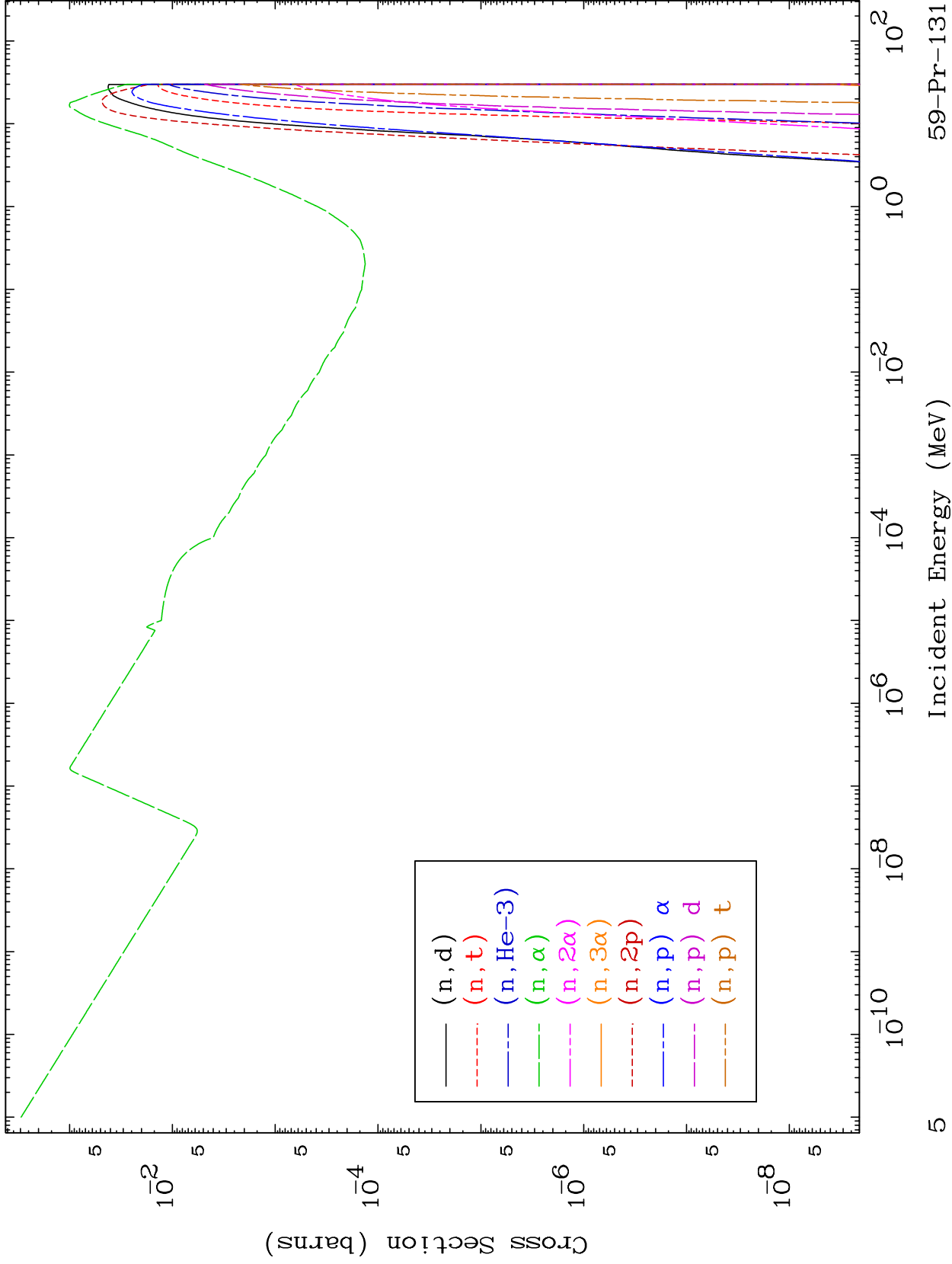
59-Pr-131

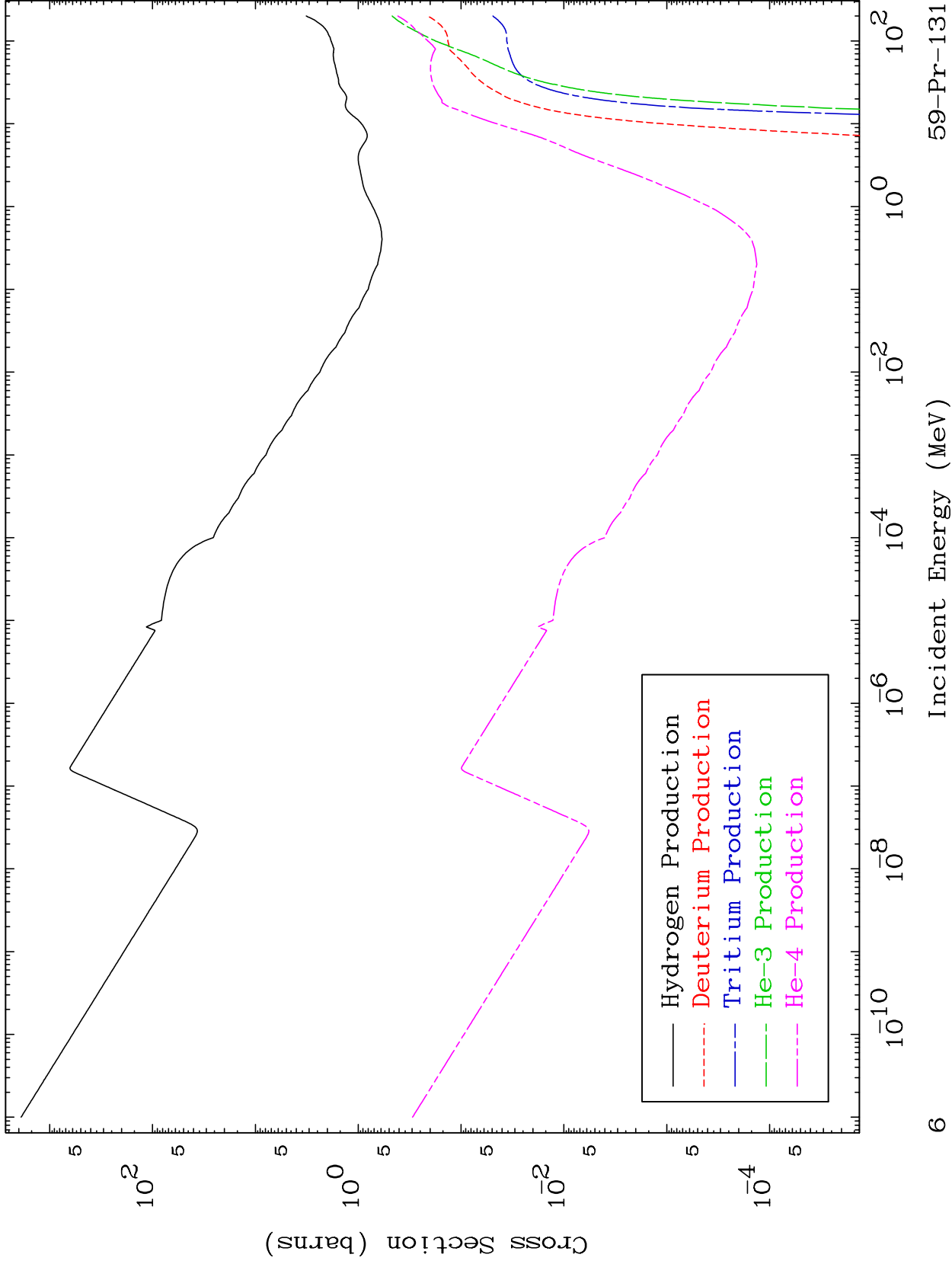


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Charged Particle
293 Kelvin Cross Sections

59-Pr-131

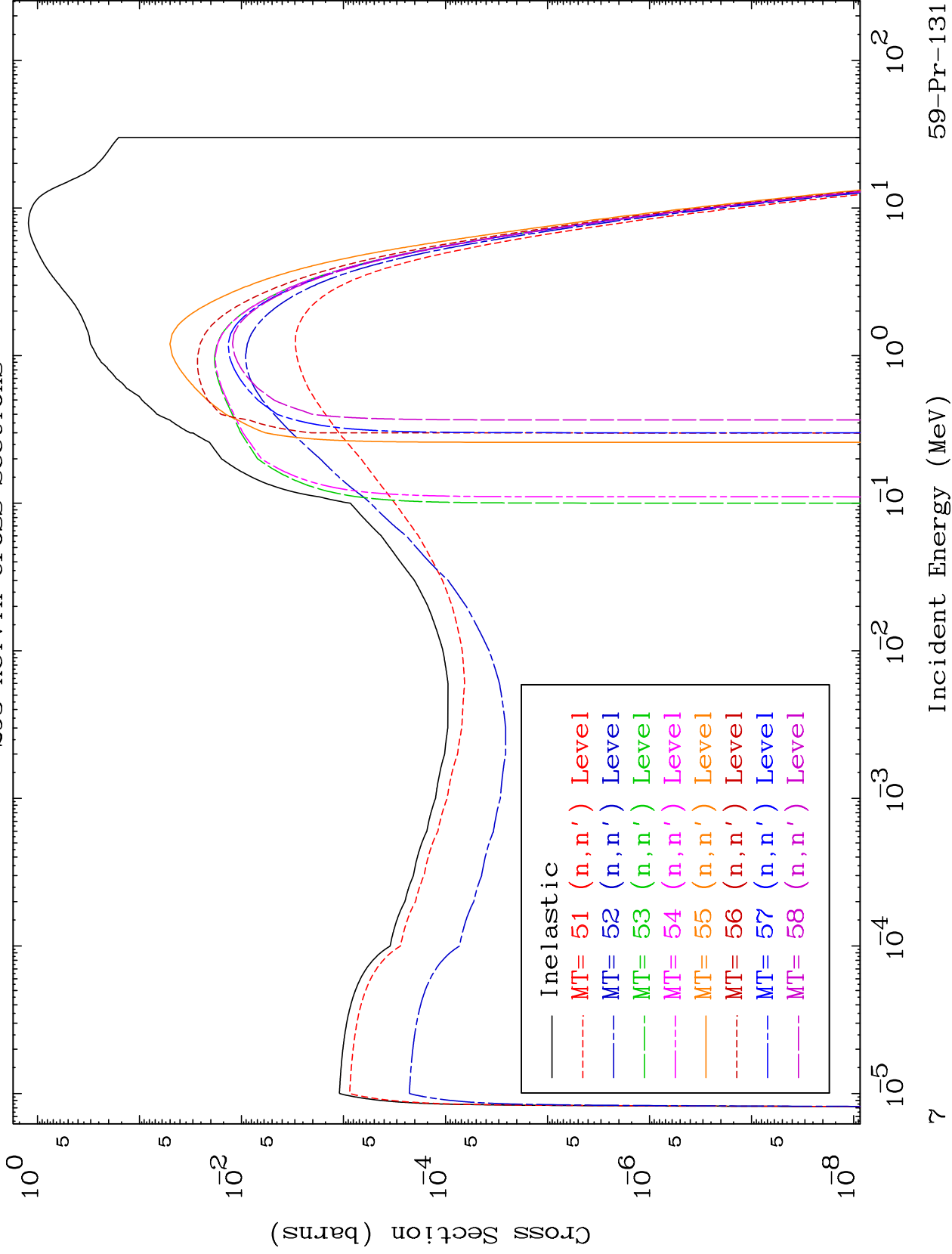




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(n,n') Level
293 Kelvin Cross Sections

59-Pr-131

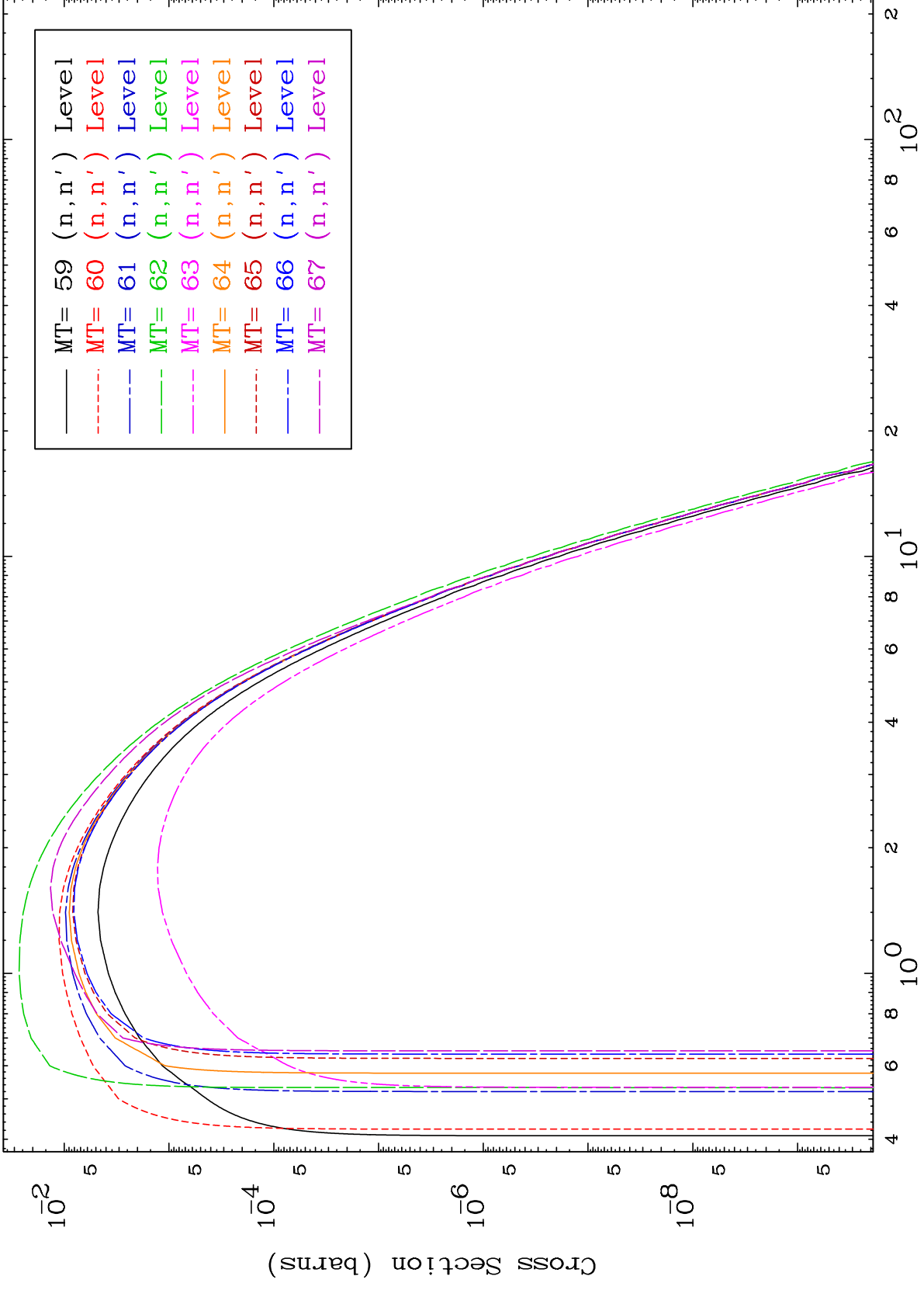


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(n,n') Level

59-Pr-131

293 Kelvin Cross Sections

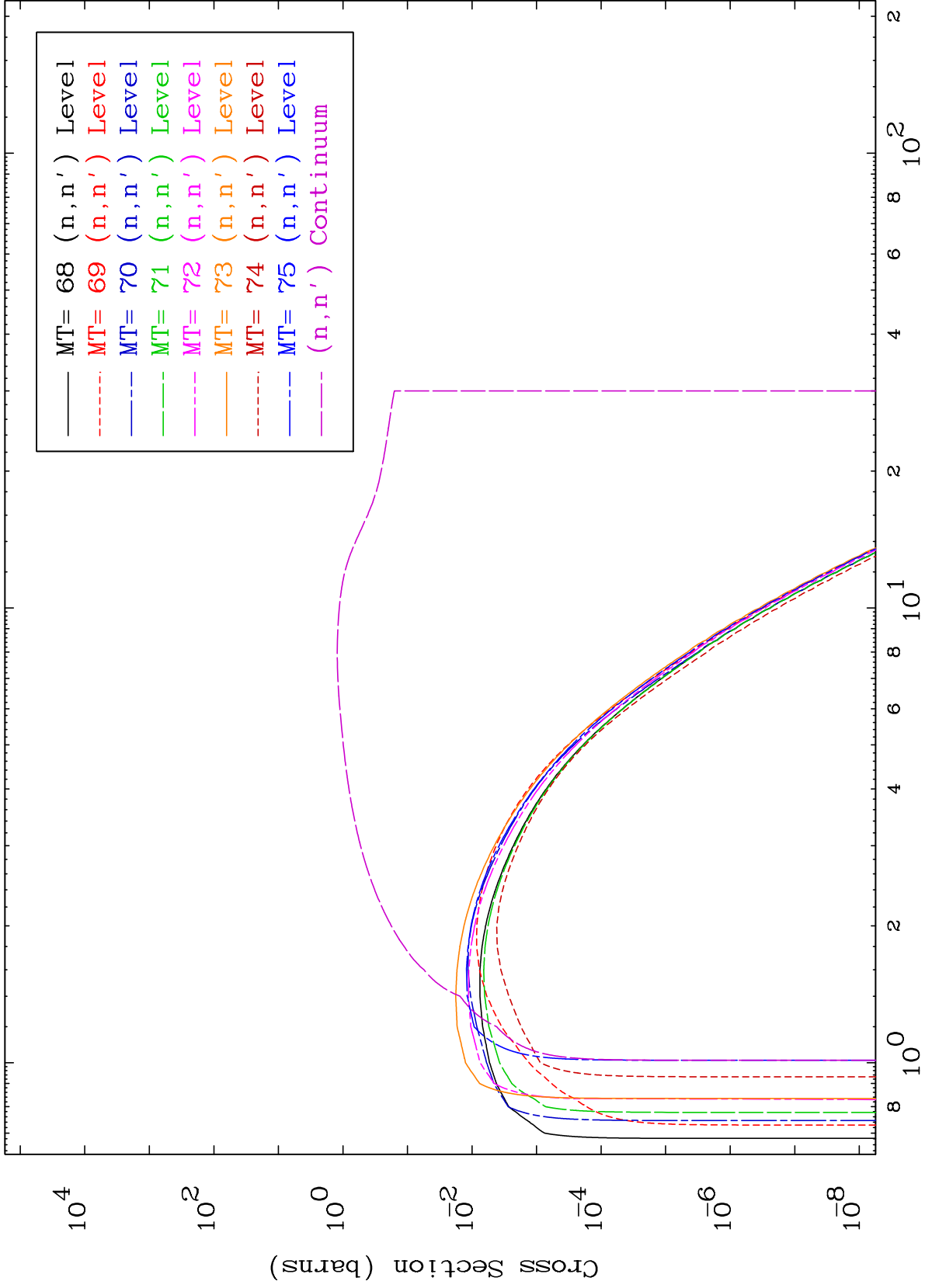


Incident Energy (MeV)

59-Pr-131

8

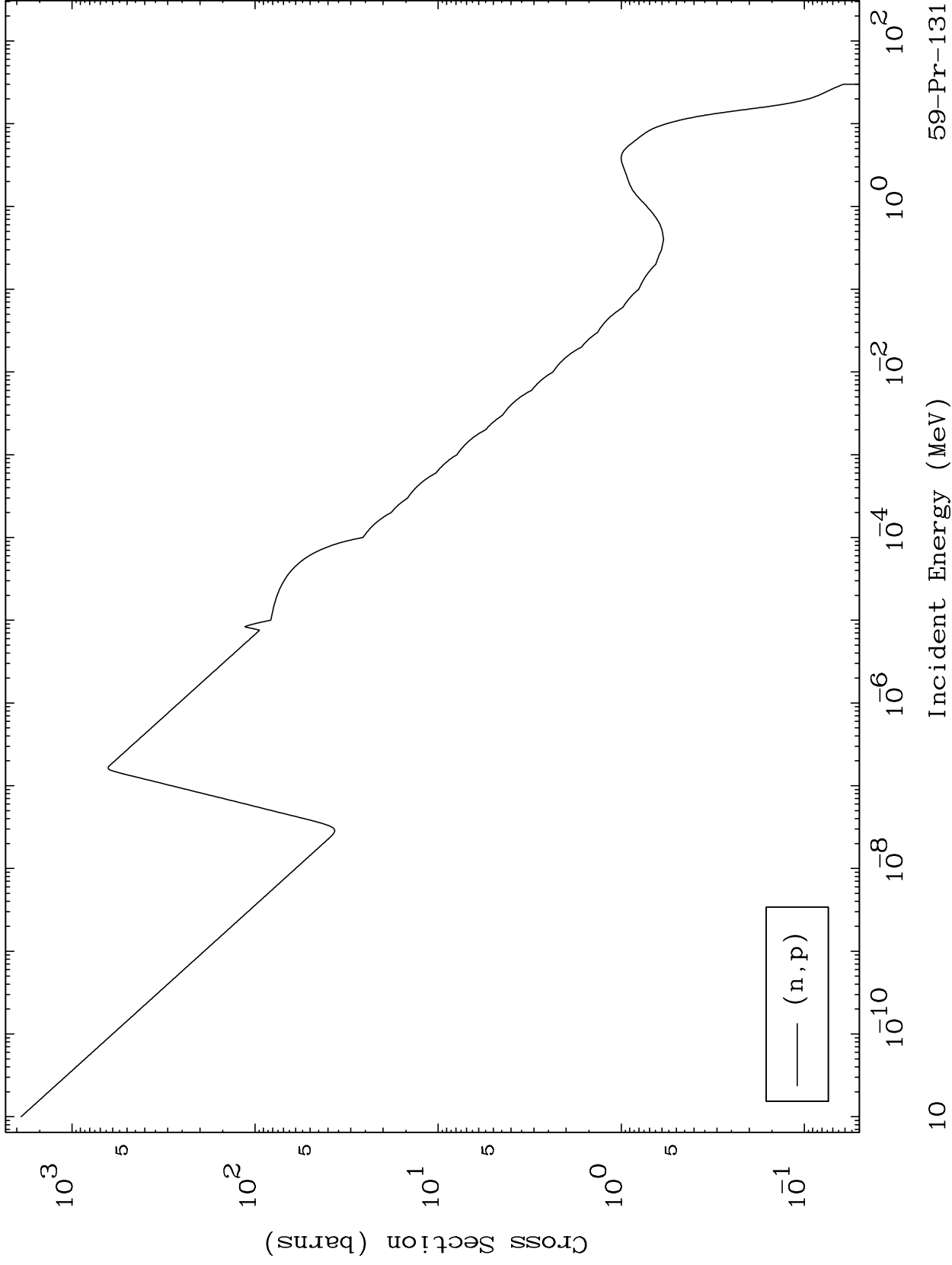
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

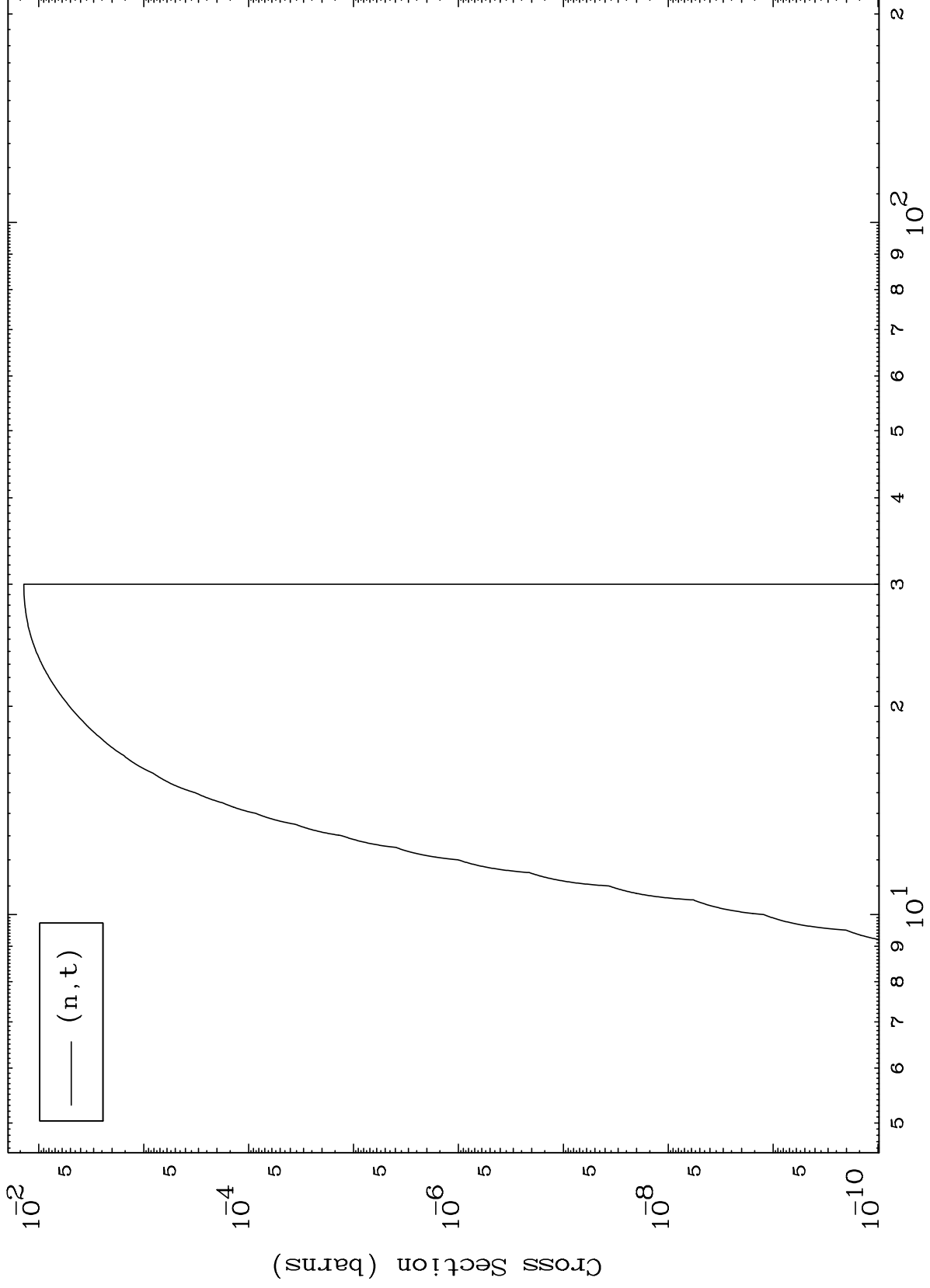
59-Pr-131



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(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131



12

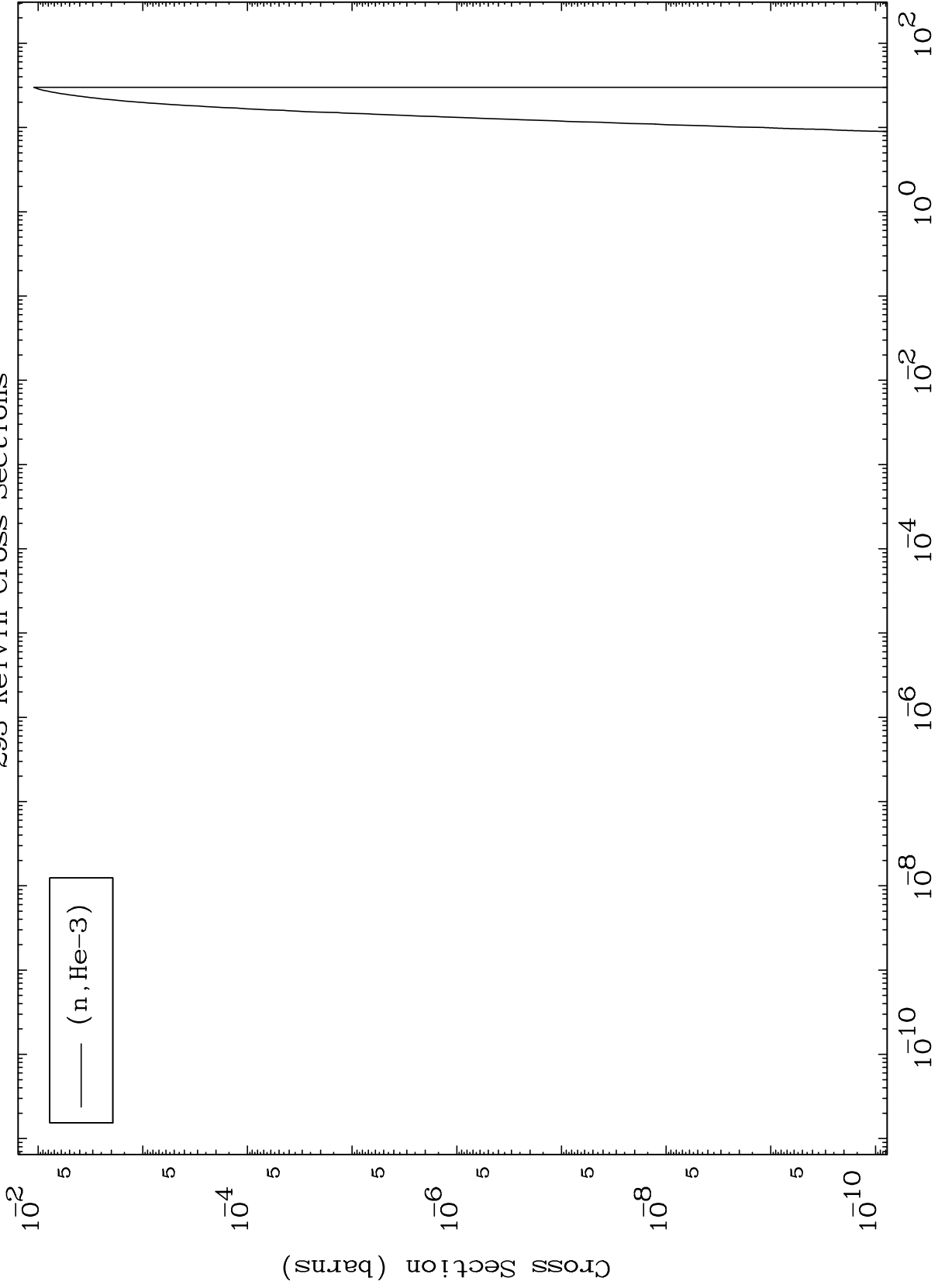
Incident Energy (MeV)

59-Pr-131

MAT 5896

(n,He3) Levels
293 Kelvin Cross Sections

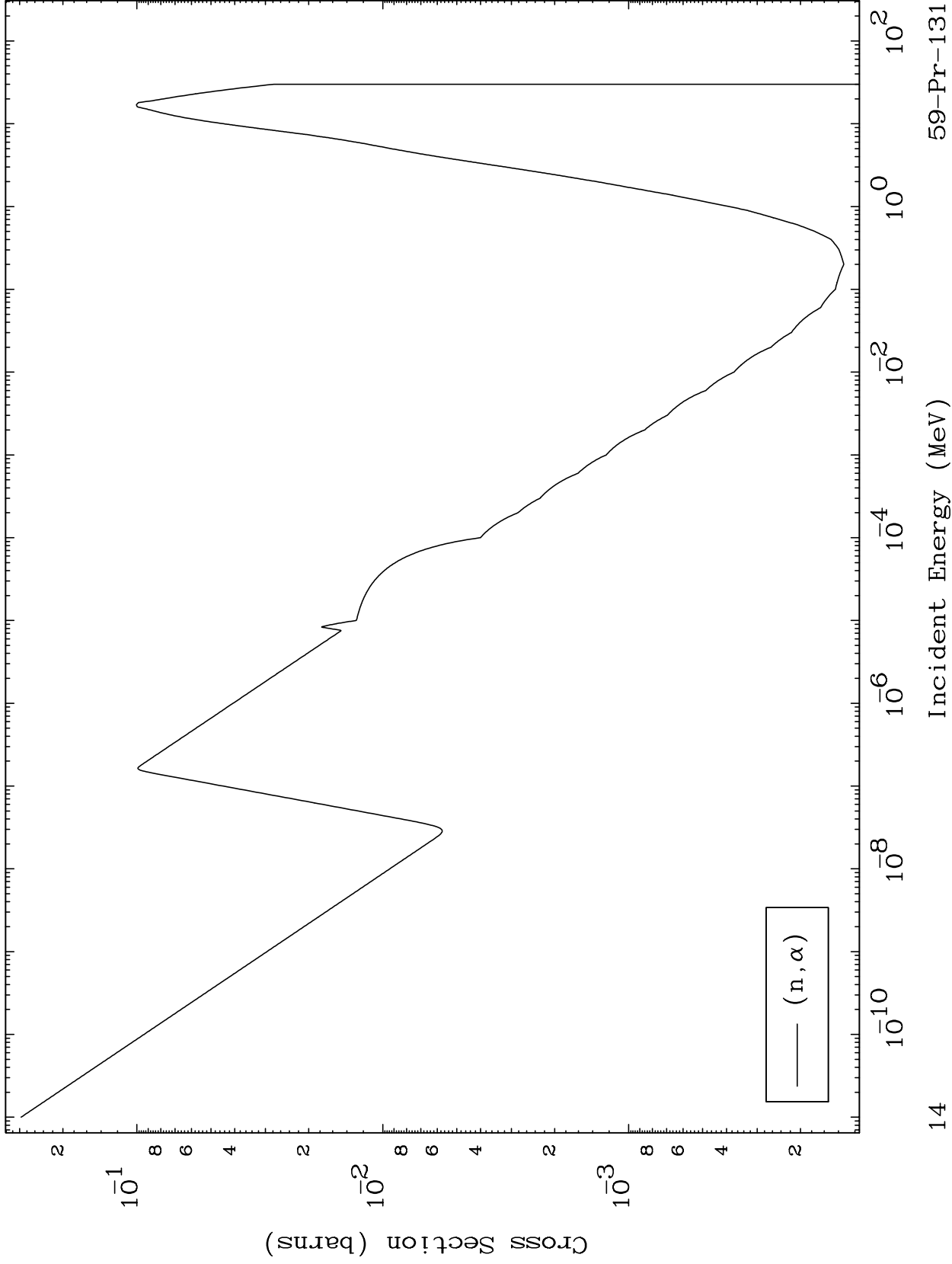
59-Pr-131

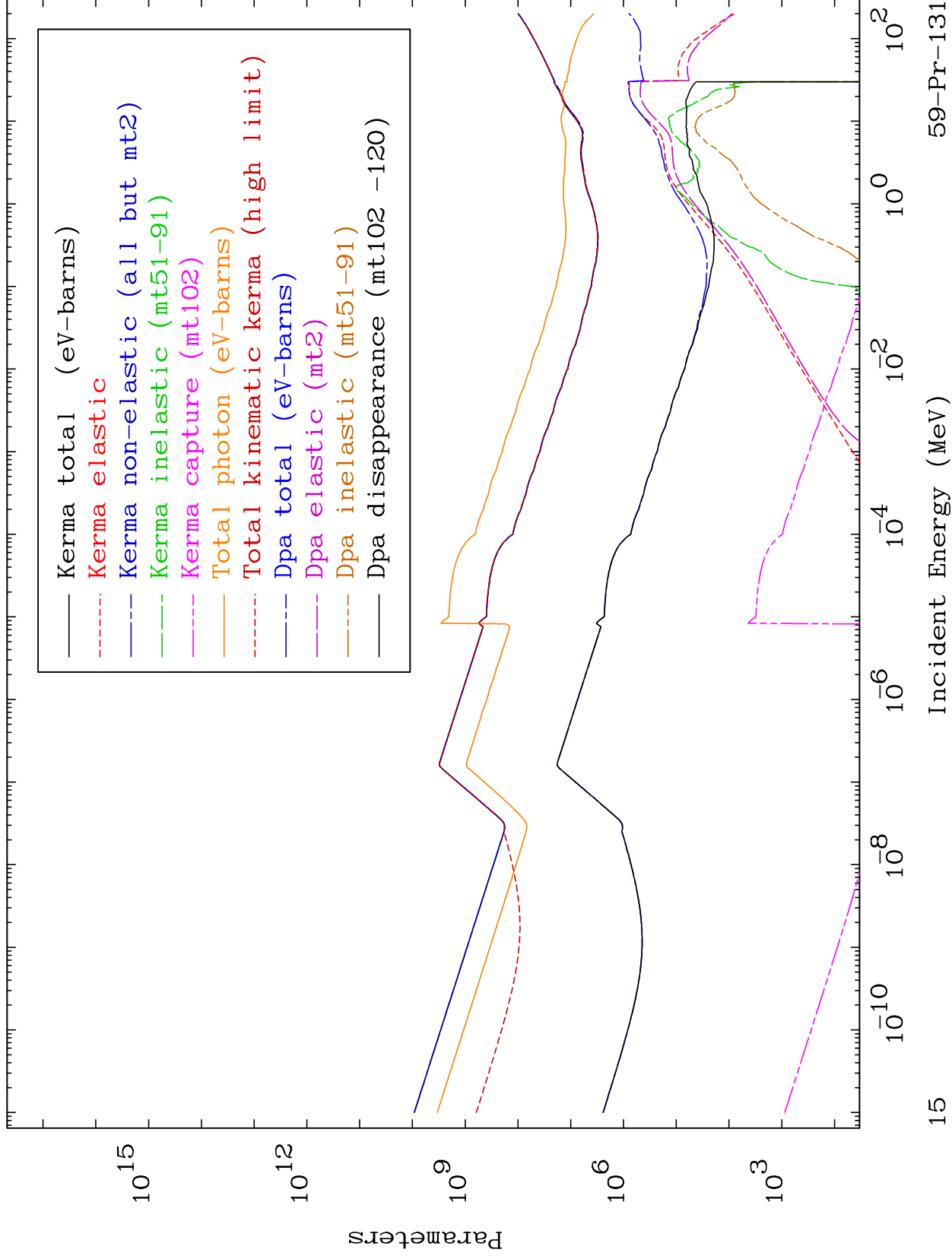


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(n,α) Levels
293 Kelvin Cross Sections

59-Pr-131

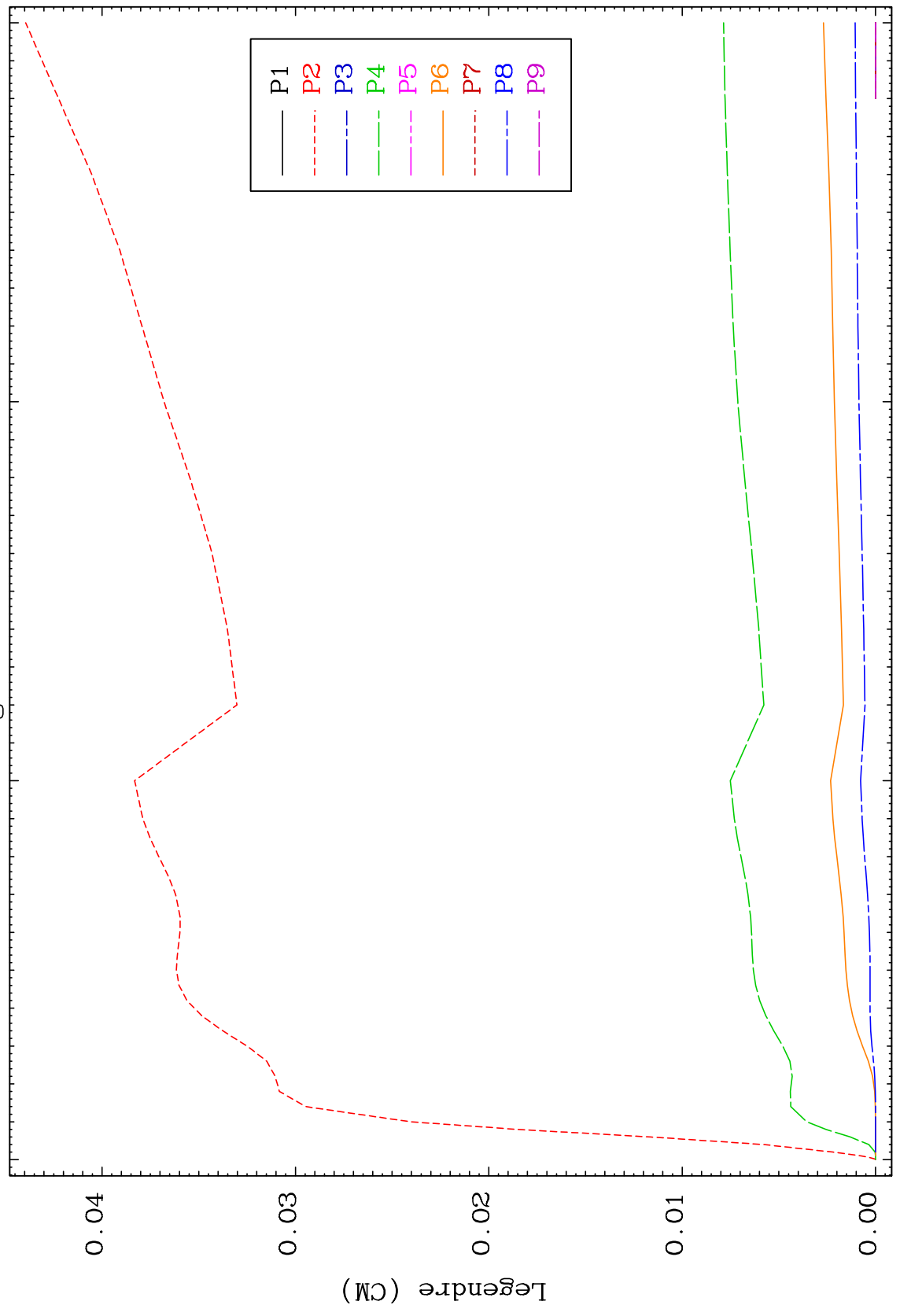




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Elastic Legendre Coefficients

59-Pr-131



59-Pr-131

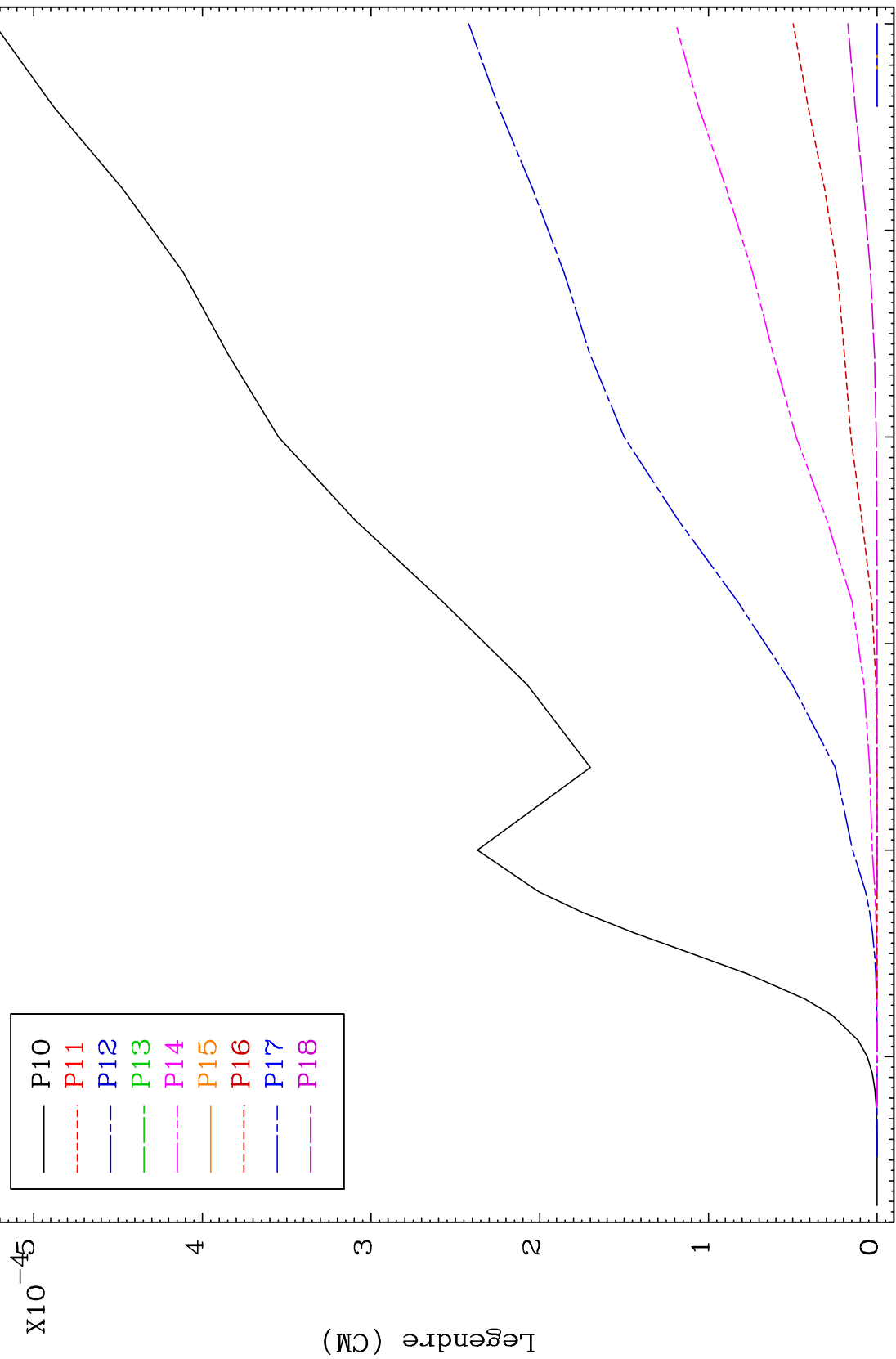
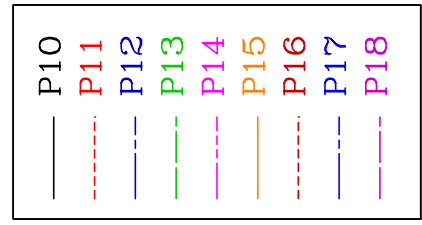
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

59-Pr-131



17

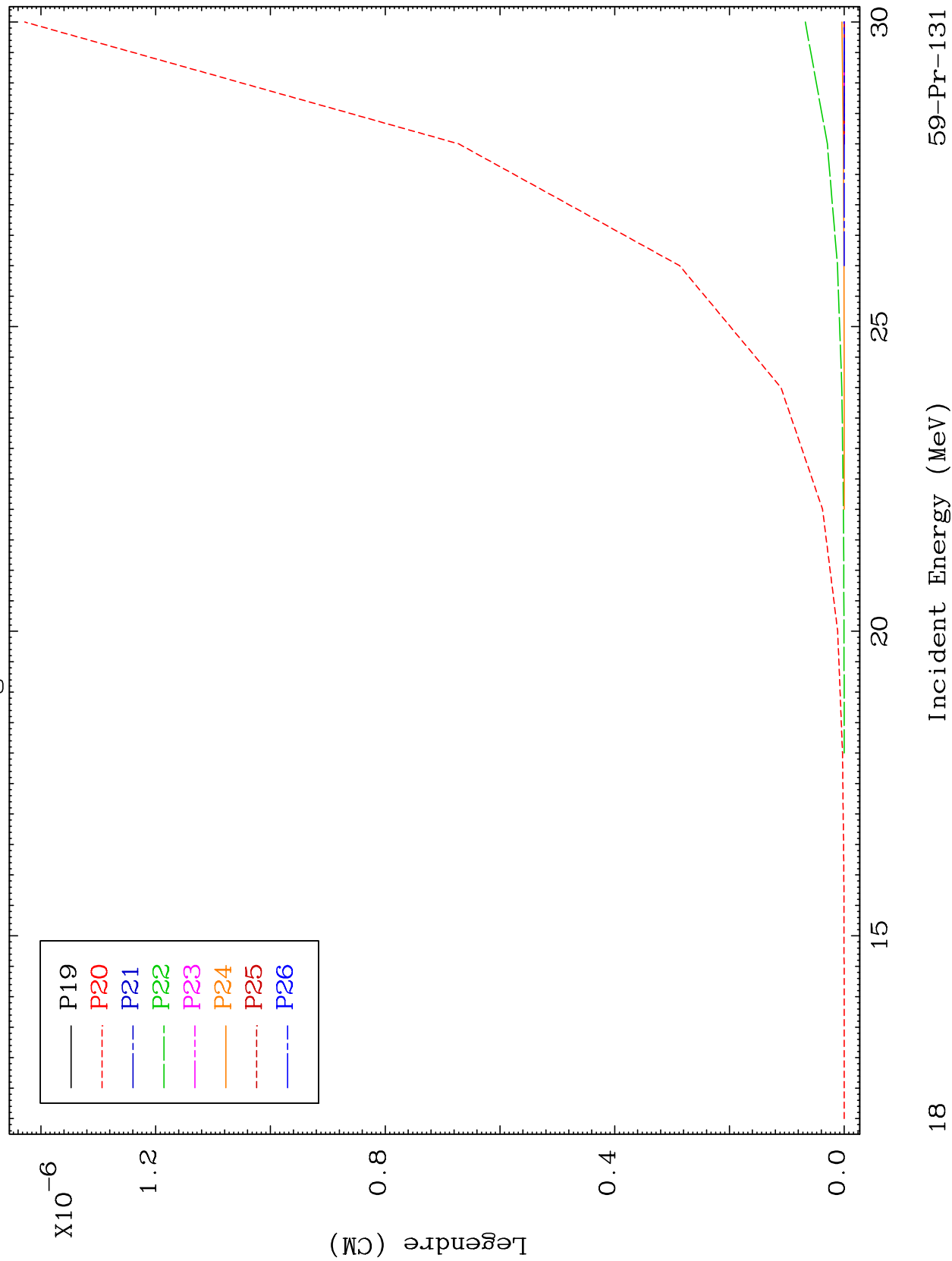
Incident Energy (MeV)

59-Pr-131

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Elastic Legendre Coefficients

59-Pr-131



18

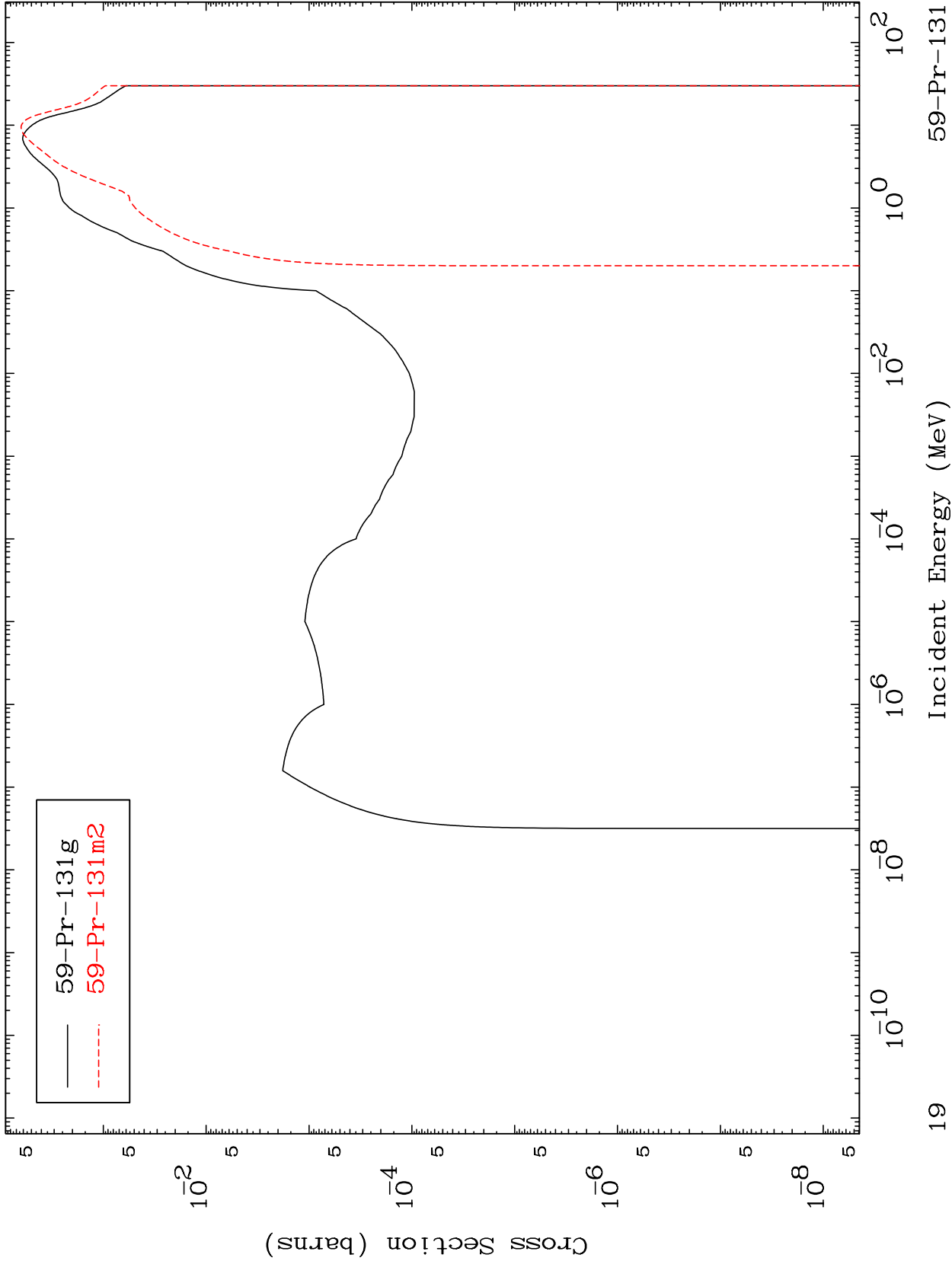
Incident Energy (MeV)

59-Pr-131

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Inelastic
Radionuclide Production Cross Section

59-Pr-131

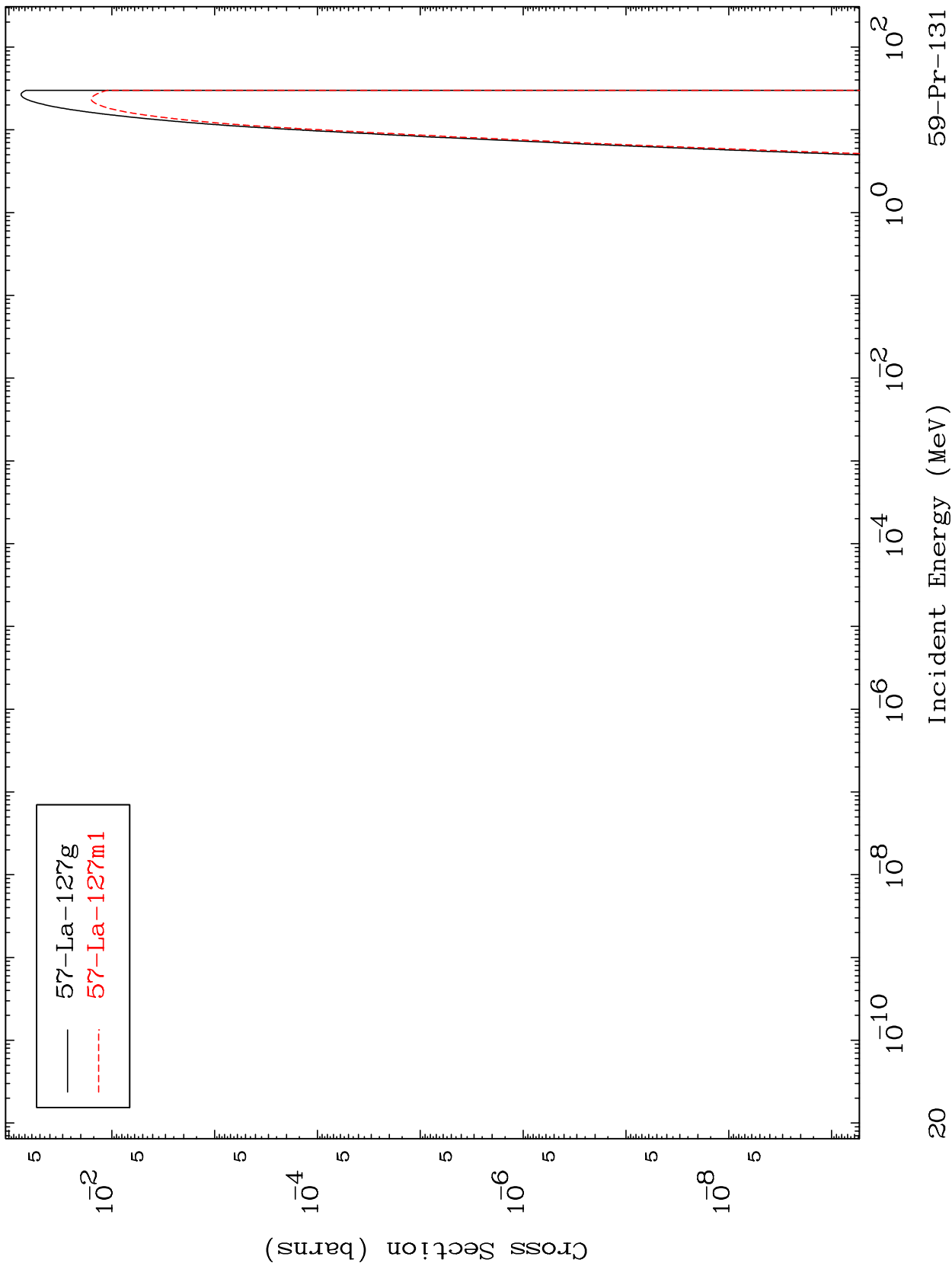


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$(n, n') \alpha$

59-Pr-131

Radionuclide Production Cross Section



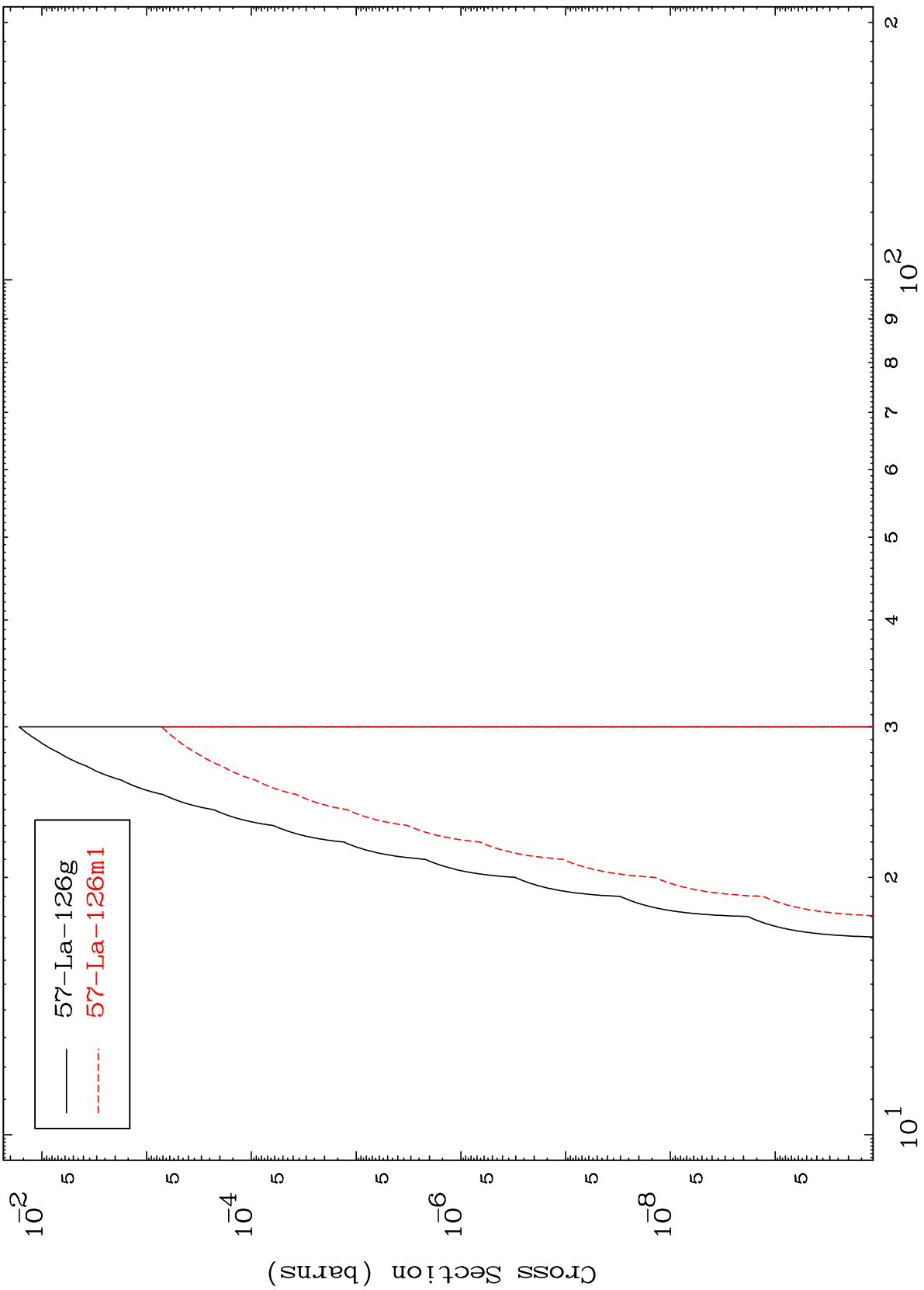
57-La-127g
57-La-127m1

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(n,2n) α

59-Pr-131

Radionuclide Production Cross Section



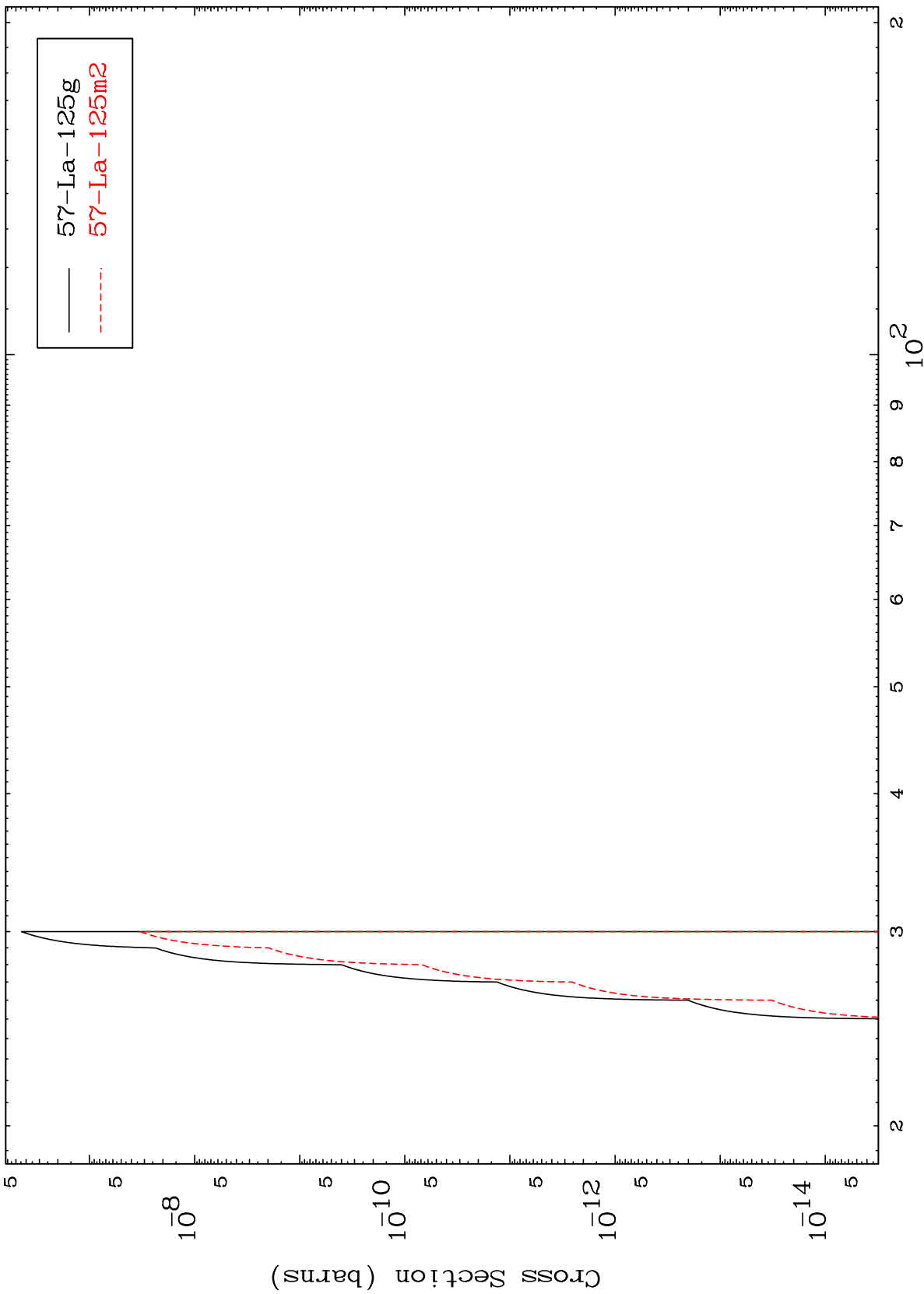
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21

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section

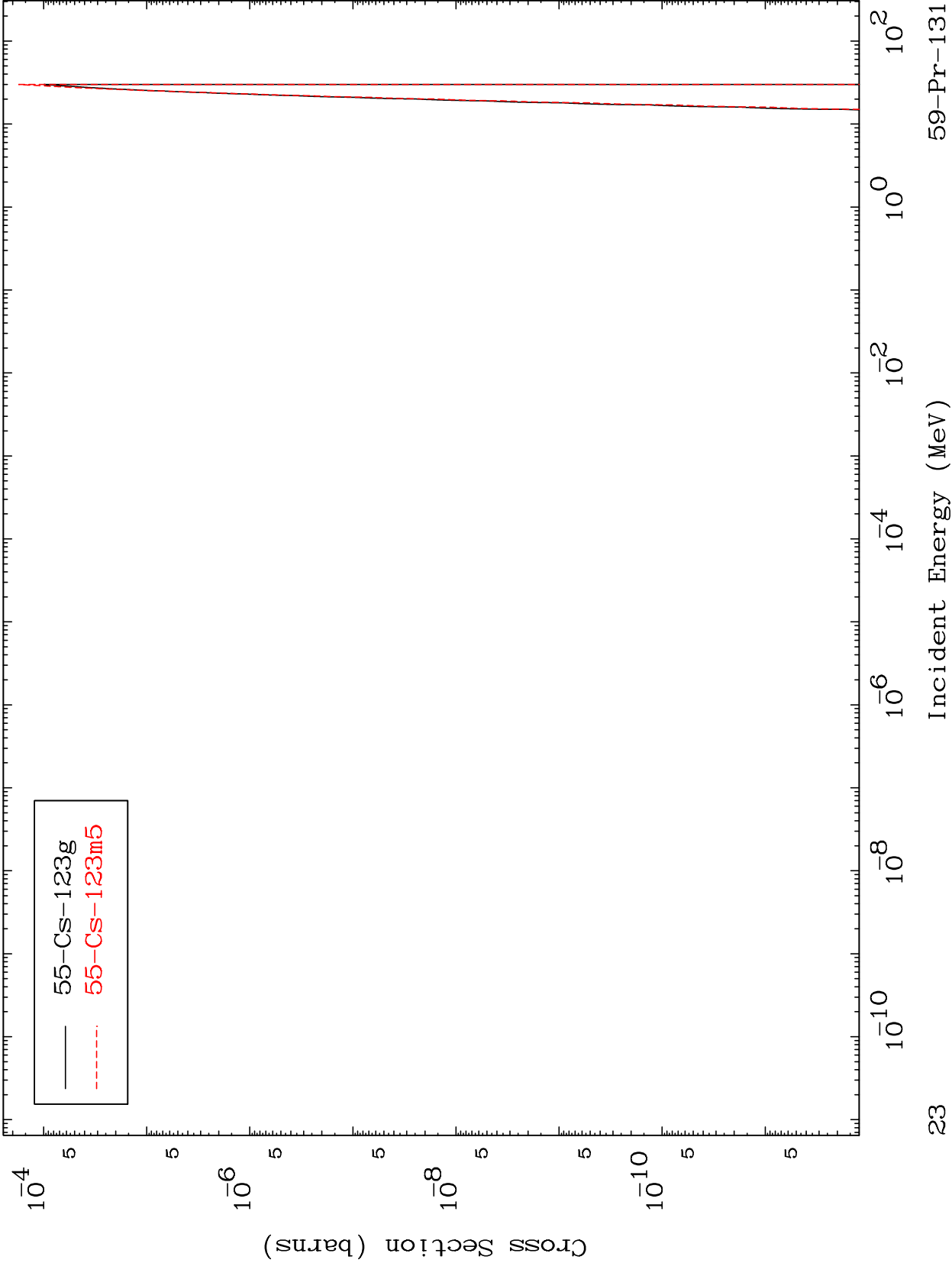


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(n,n') 2α

59-Pr-131

Radionuclide Production Cross Section

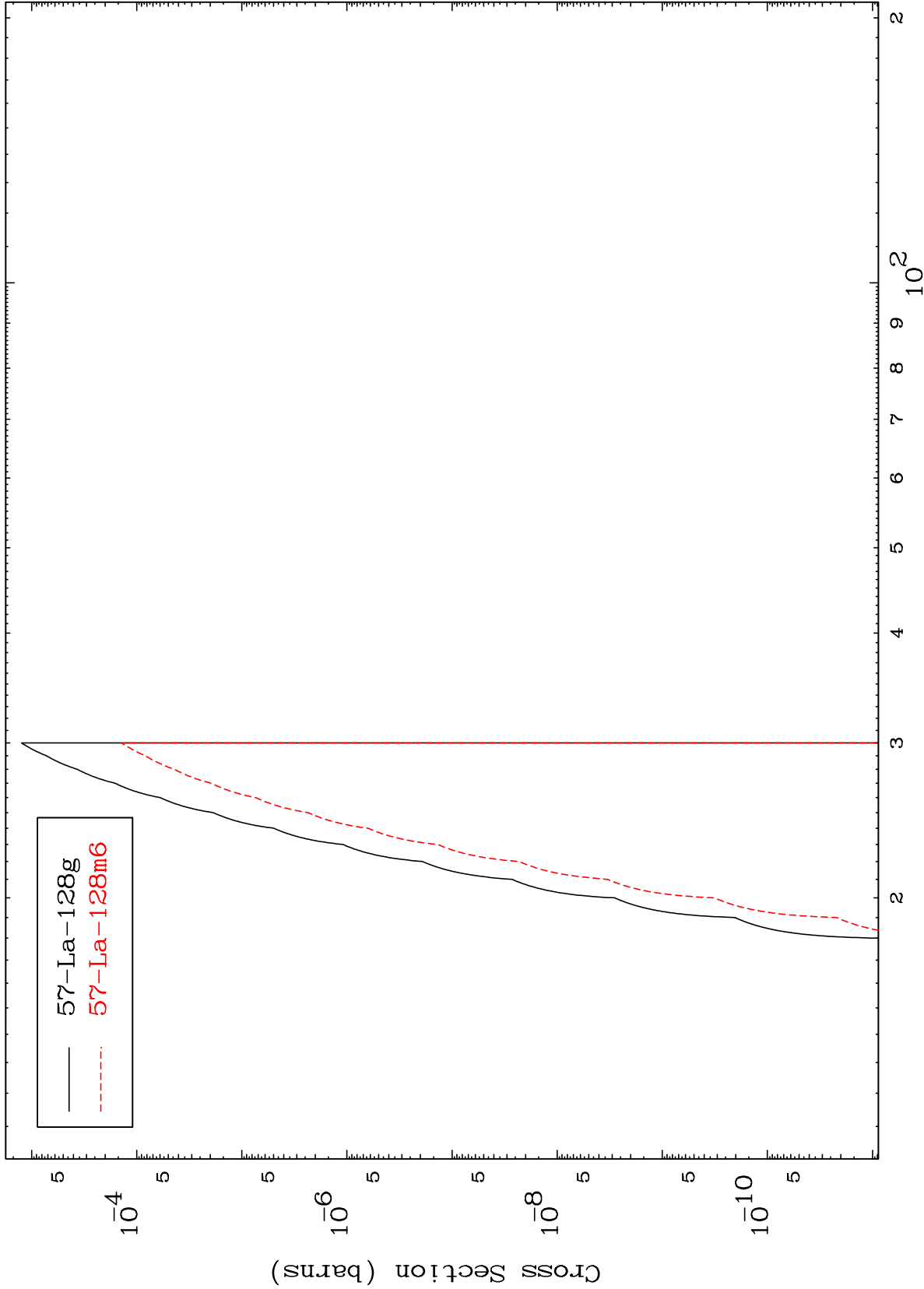


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(n,n') He-3

59-Pr-131

Radionuclide Production Cross Section

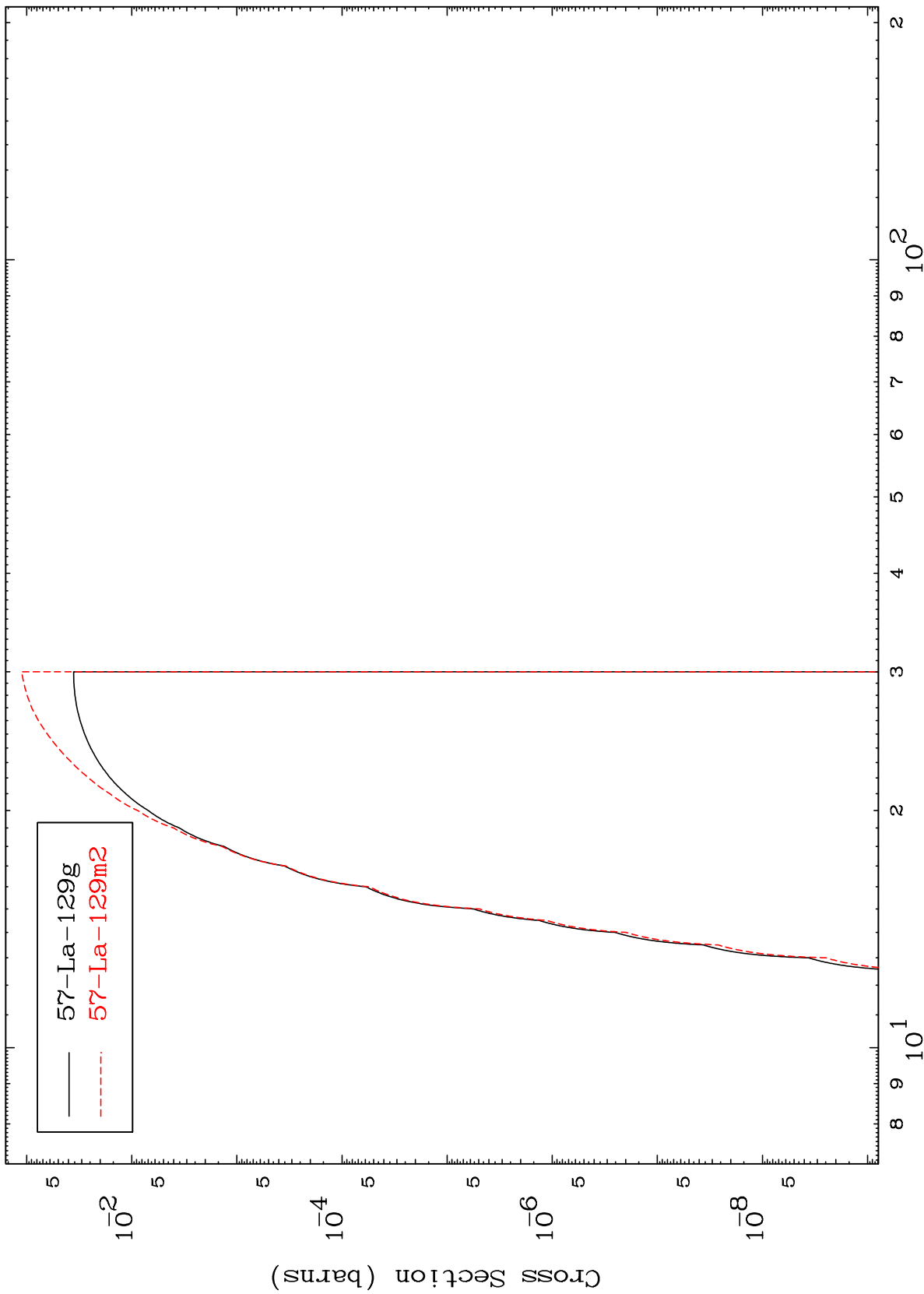


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(n,2n) p

59-Pr-131

Radionuclide Production Cross Section

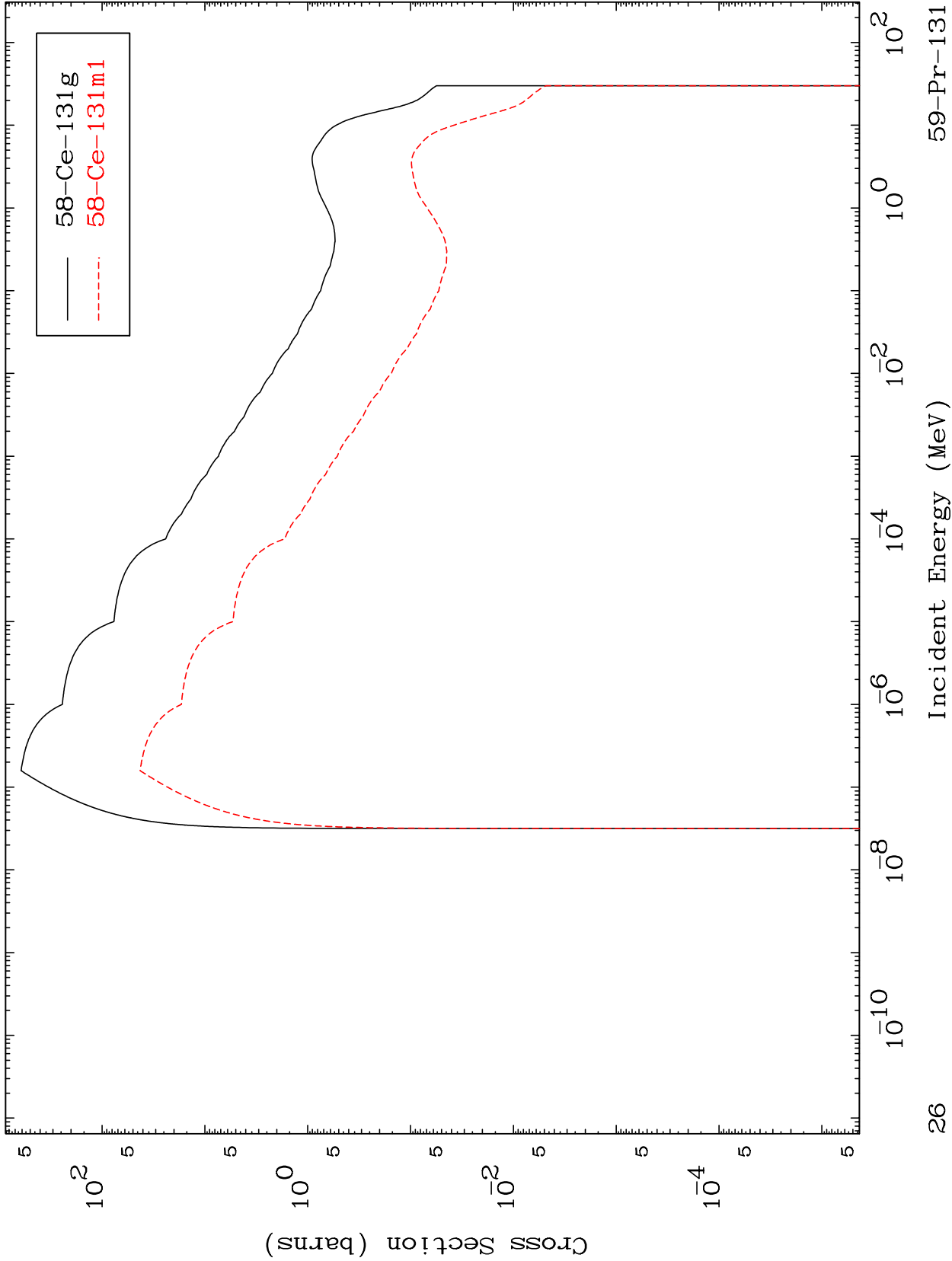


25

Incident Energy (MeV)

59-Pr-131

(n,p)
Radionuclide Production Cross Section

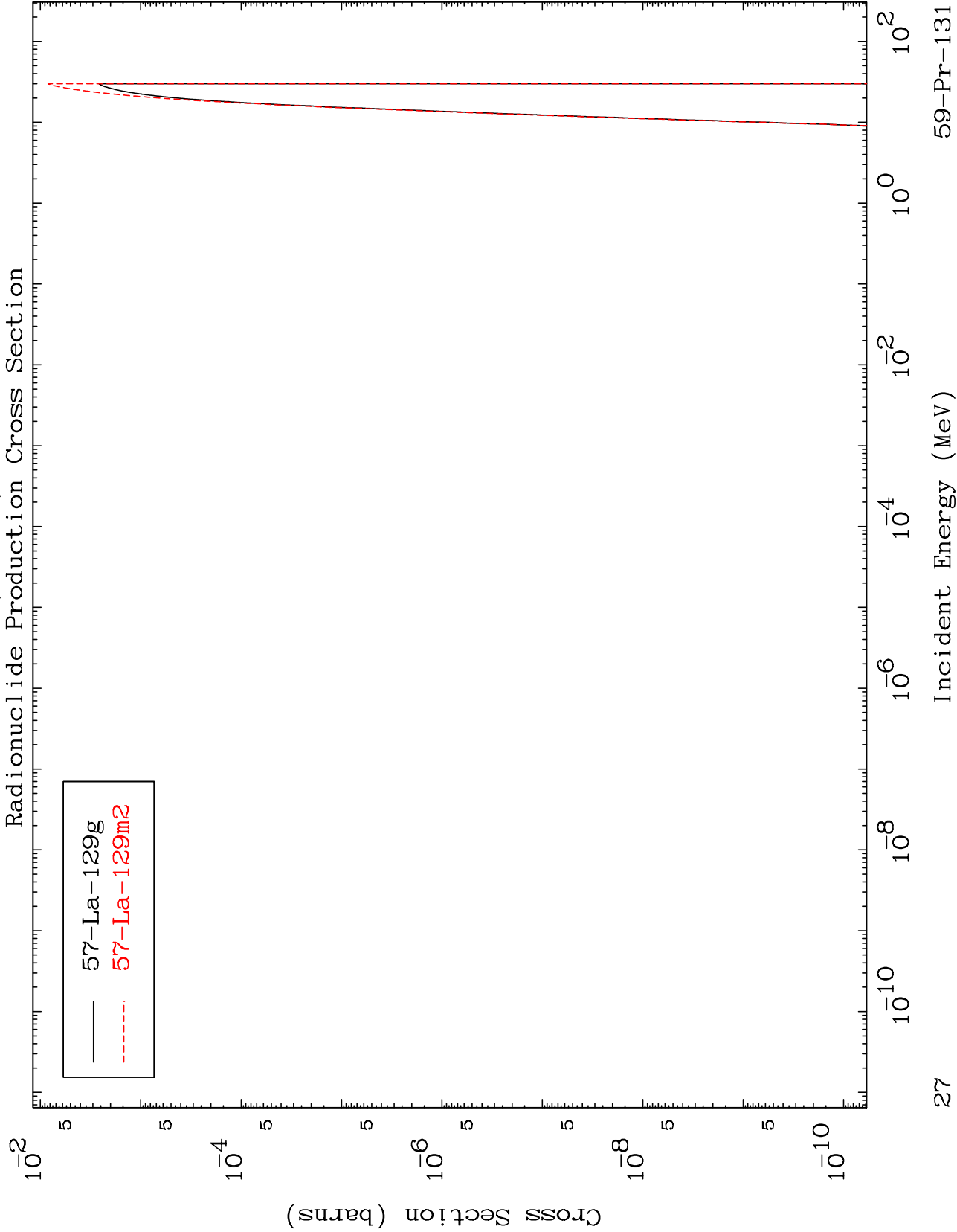


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(n,He-3)

59-Pr-131

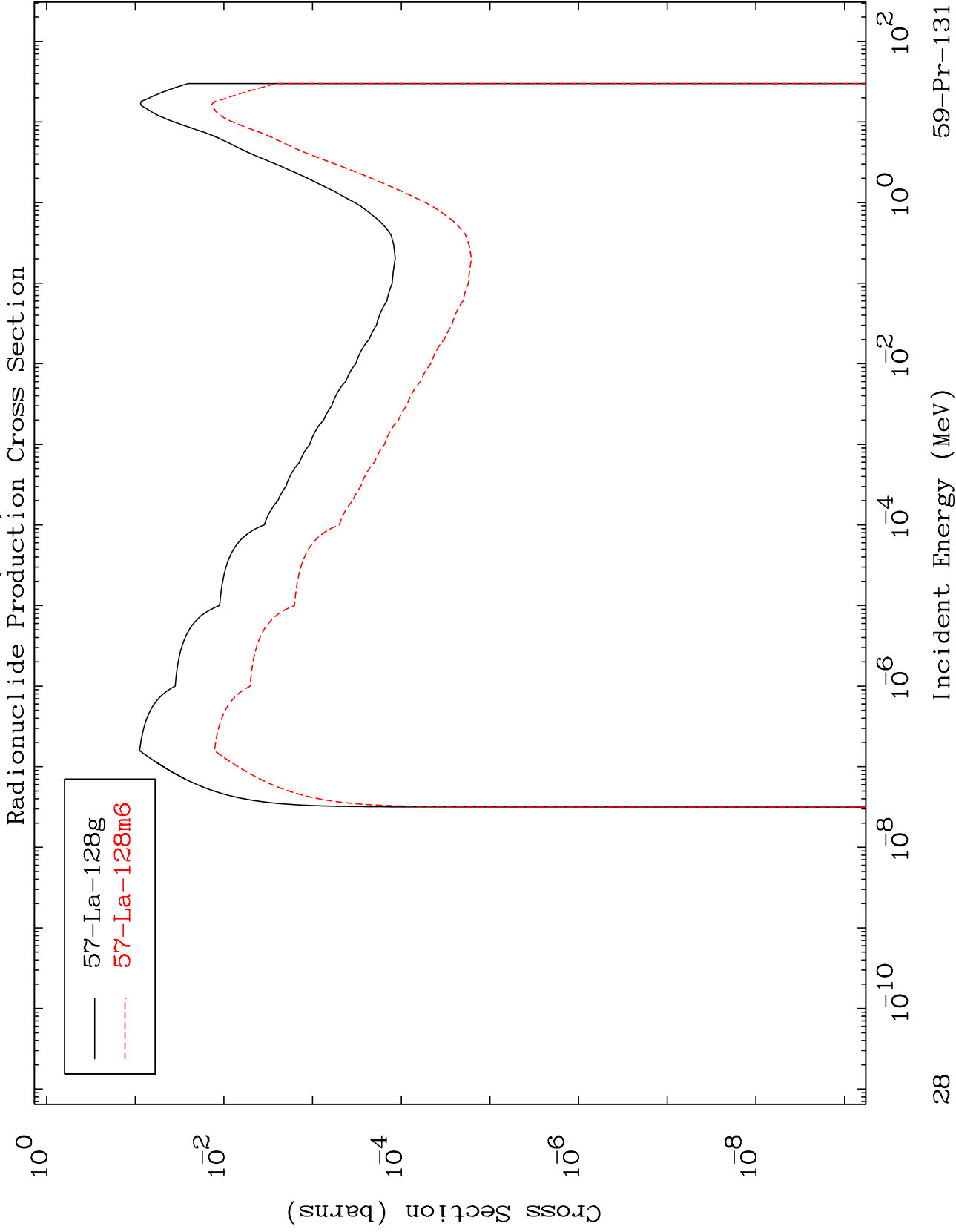
Radionuclide Production Cross Section



57-La-129g
57-La-129m2

MAT 5896

59-Pr-131

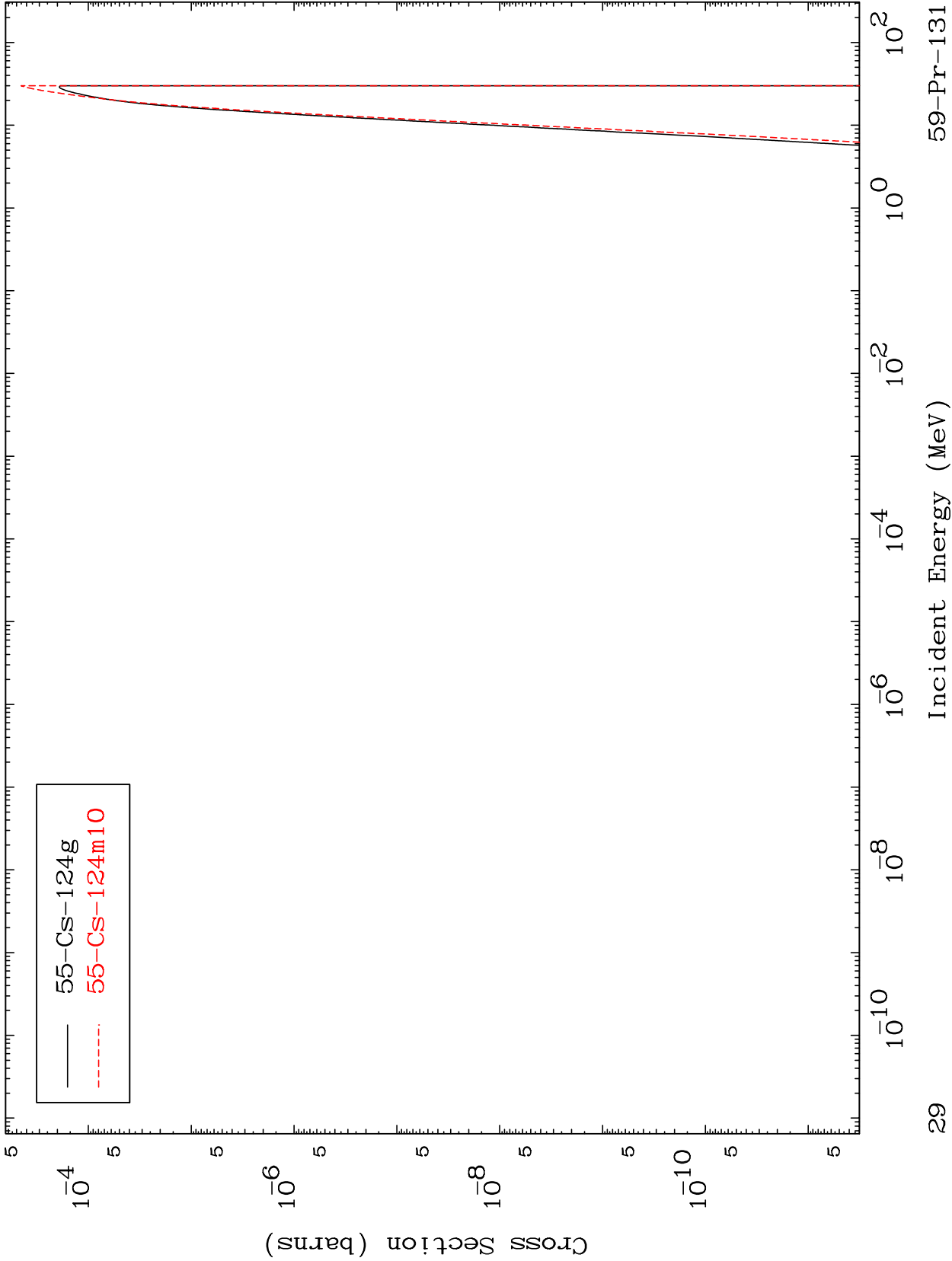


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(n,2α)

59-Pr-131

Radionuclide Production Cross Section



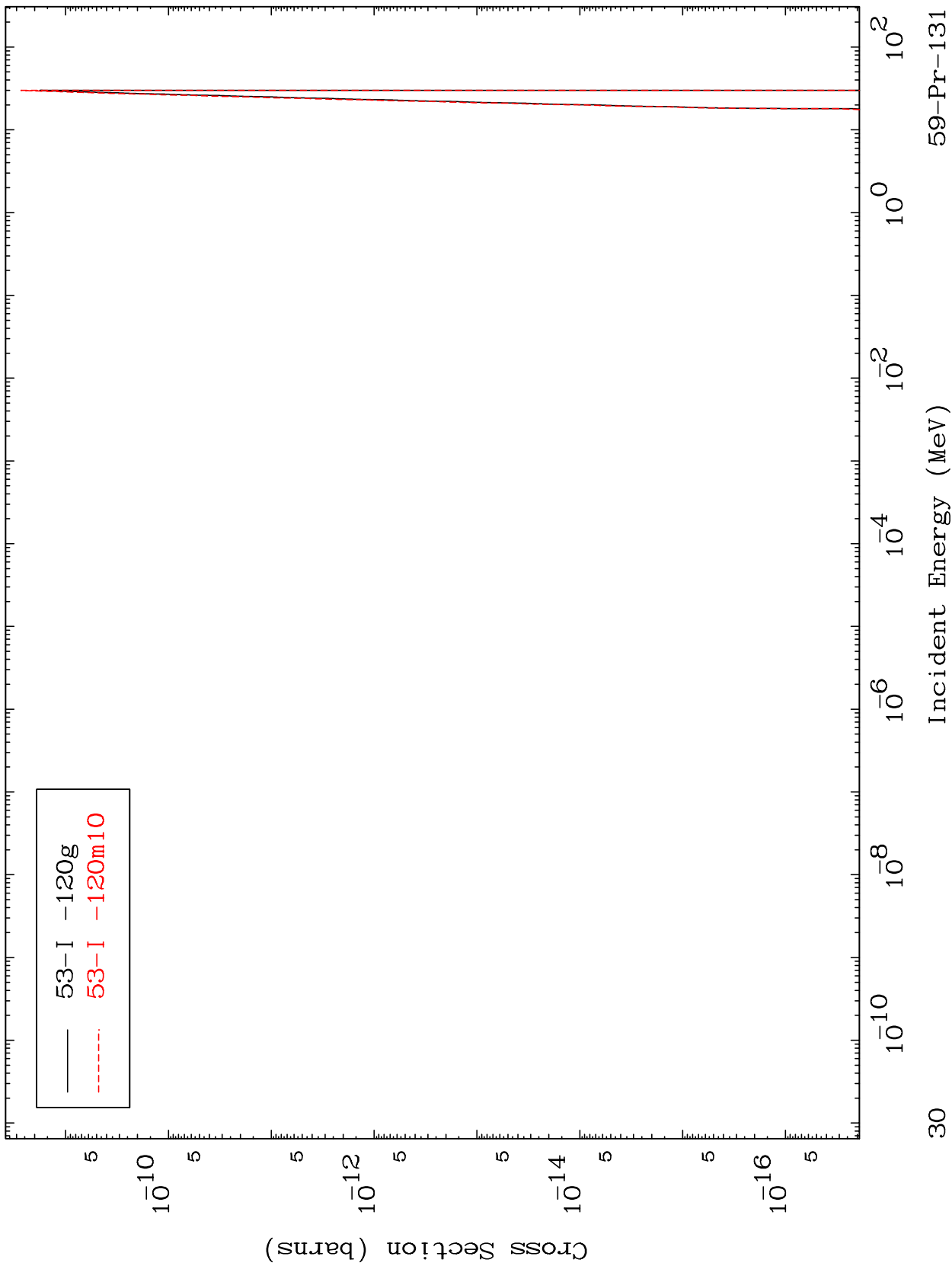
55-Cs-124g
55-Cs-124m10

MAT 5896

(n,3α)

59-Pr-131

Radionuclide Production Cross Section

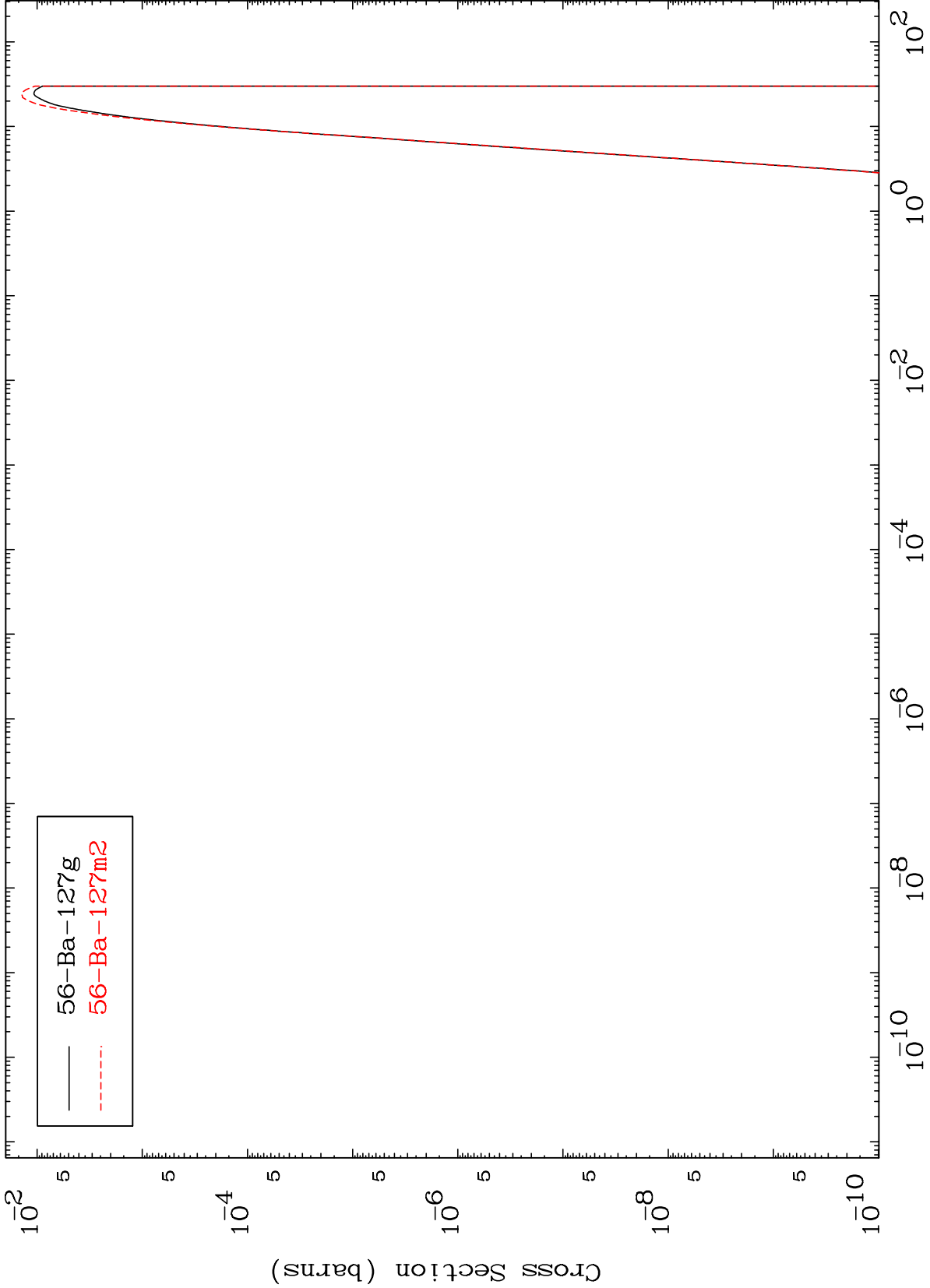


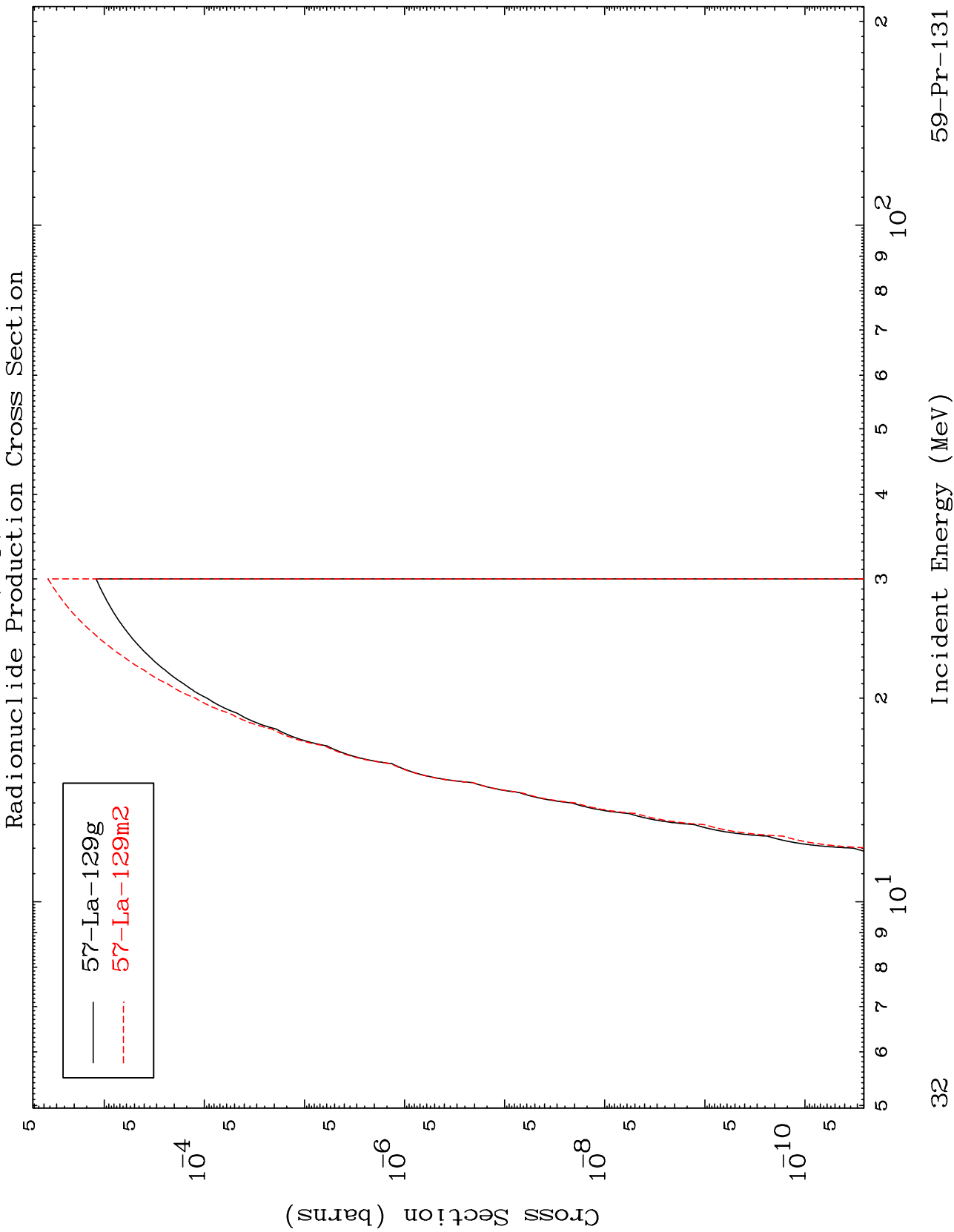
MAT 5896

(n,p) α

59-Pr-131

Radionuclide Production Cross Section



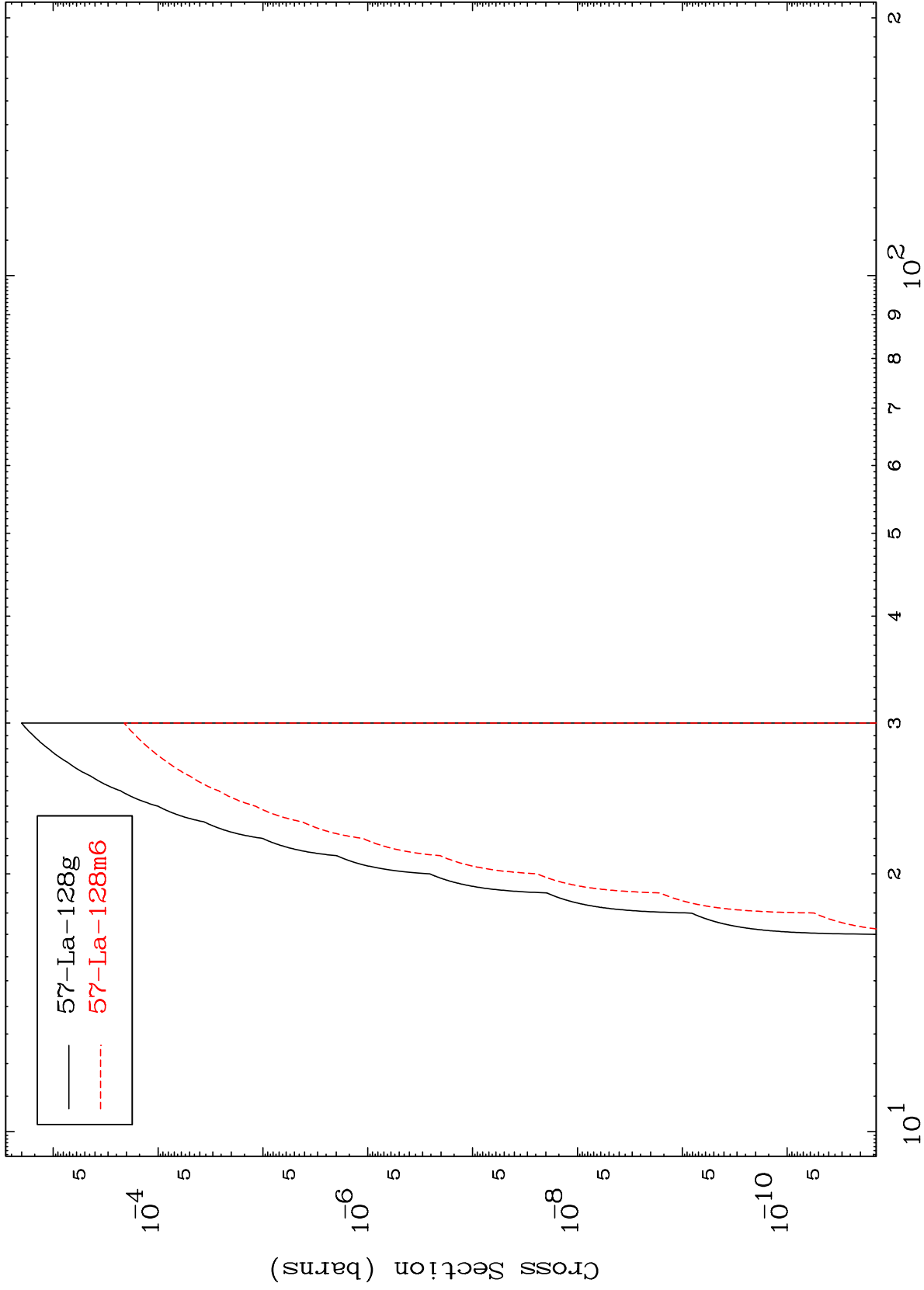


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(n,p) t

59-Pr-131

Radionuclide Production Cross Section



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Incident Energy (MeV)

59-Pr-131