

Program EVALPLOT
(Version 2021-1)

by

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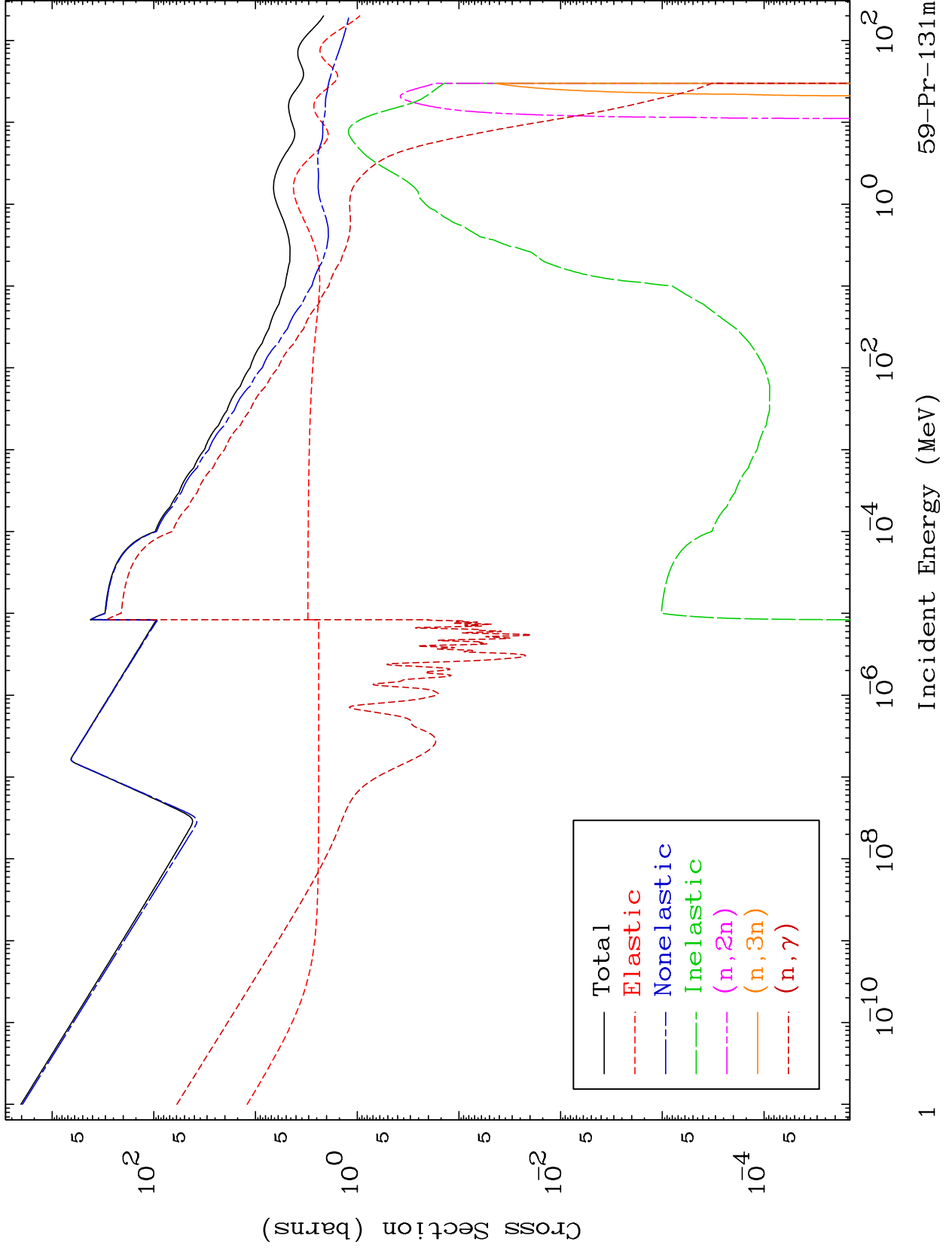
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Press Mouse Button to Start

MAT 5896

Neutron Major
293 Kelvin Cross Sections

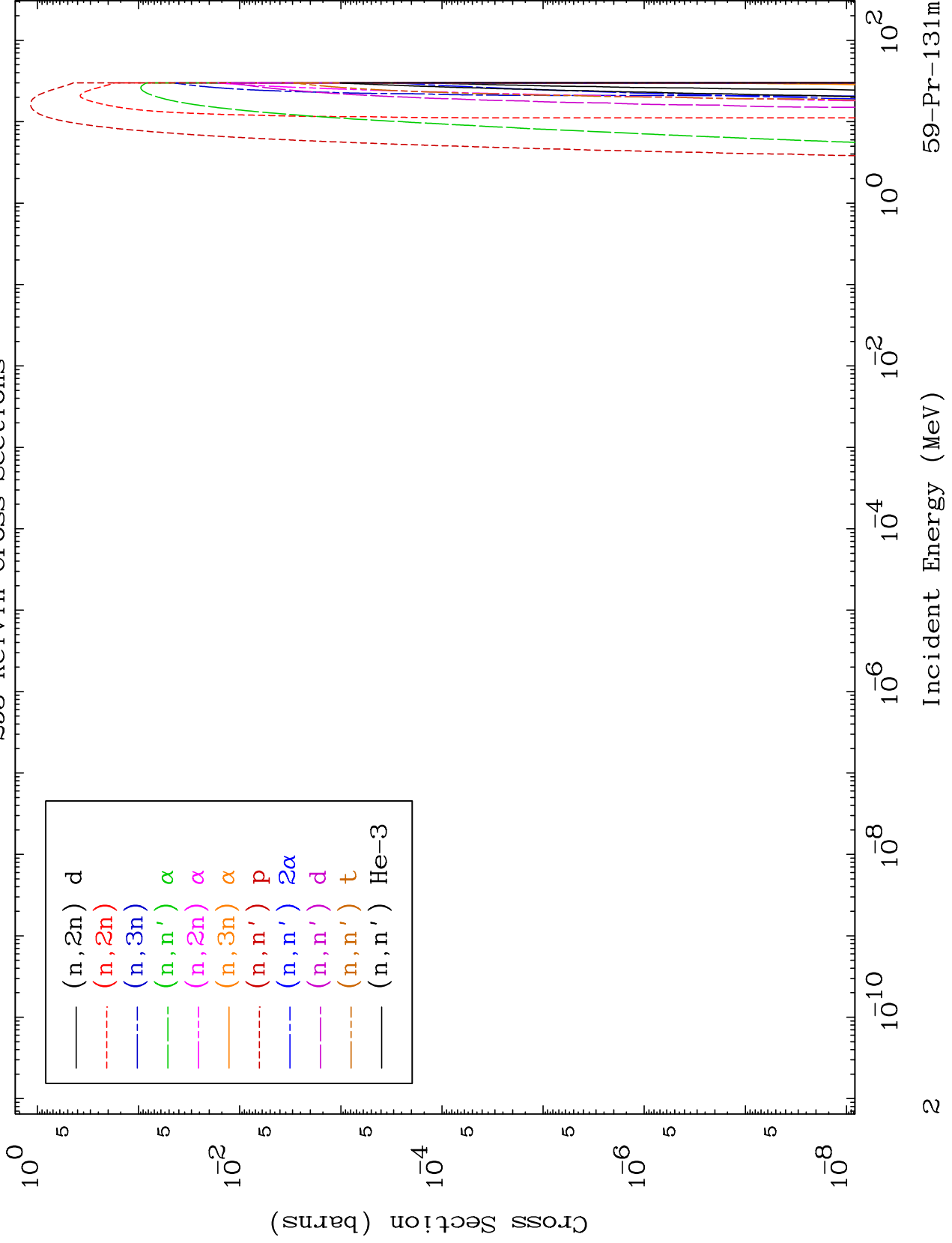
59-Pr-131m



MAT 5896

Neutron Absorption
293 Kelvin Cross Sections

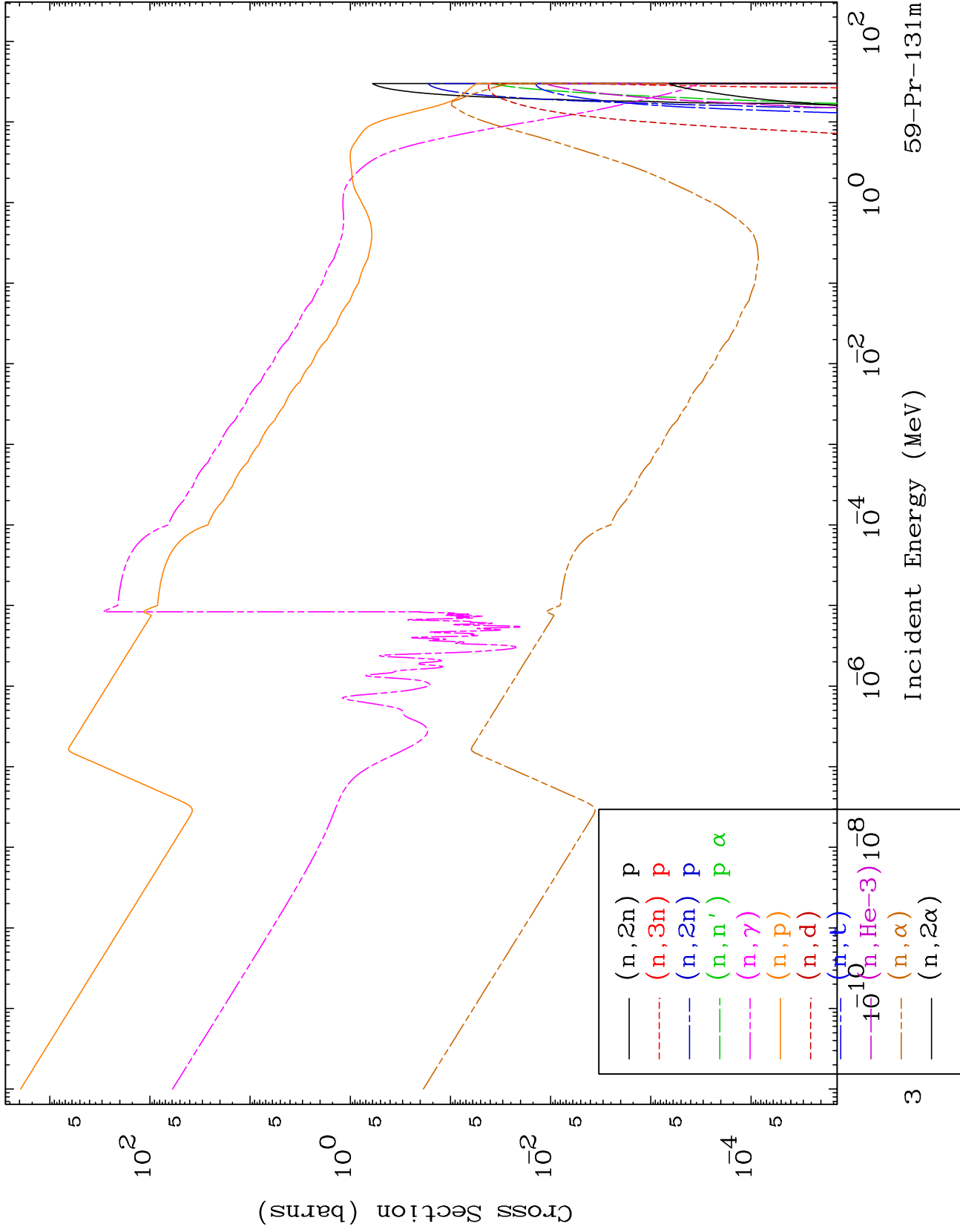
59-Pr-131m



MAT 5896

Neutron Absorption
293 Kelvin Cross Sections

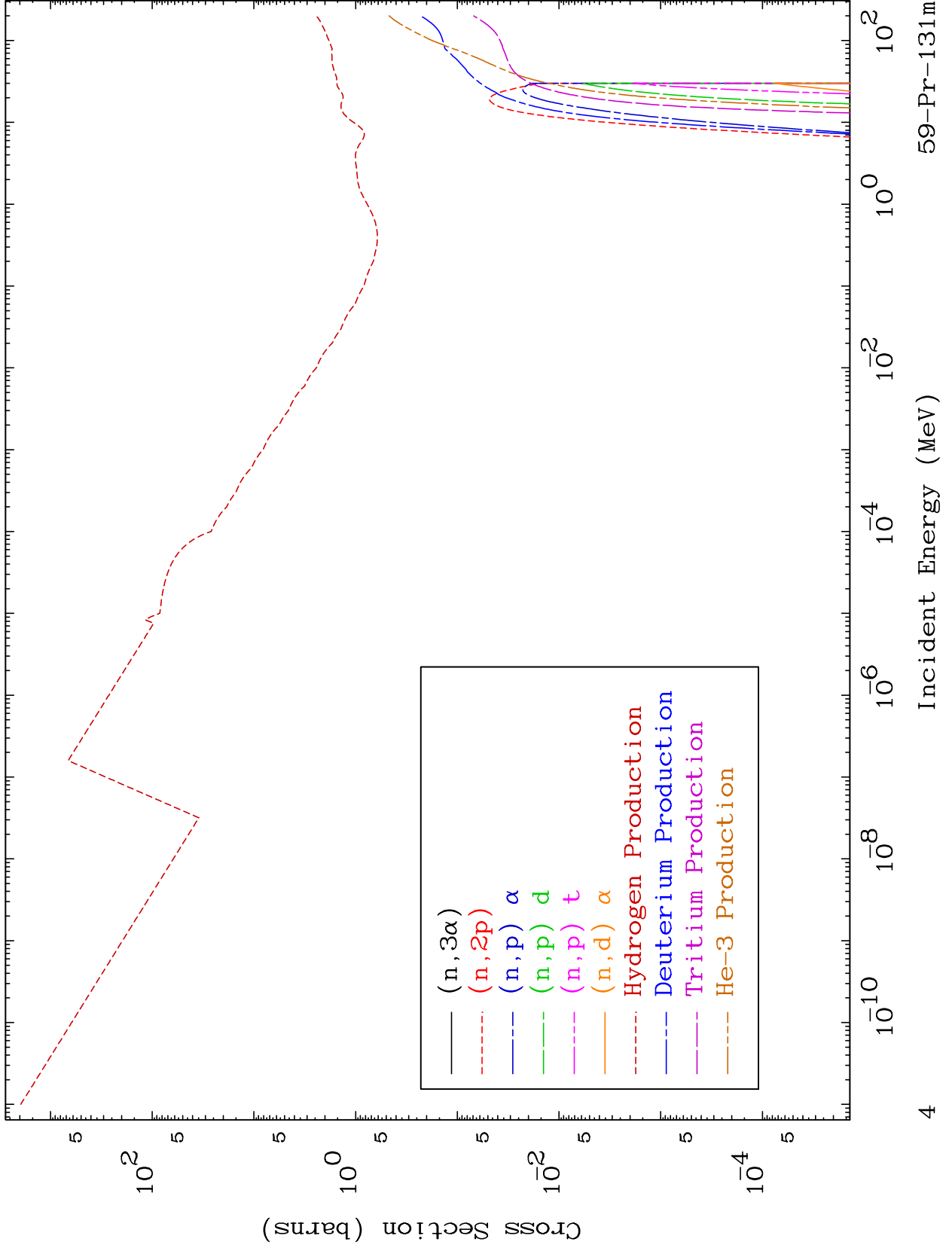
59-Pr-131m



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Neutron Absorption
293 Kelvin Cross Sections

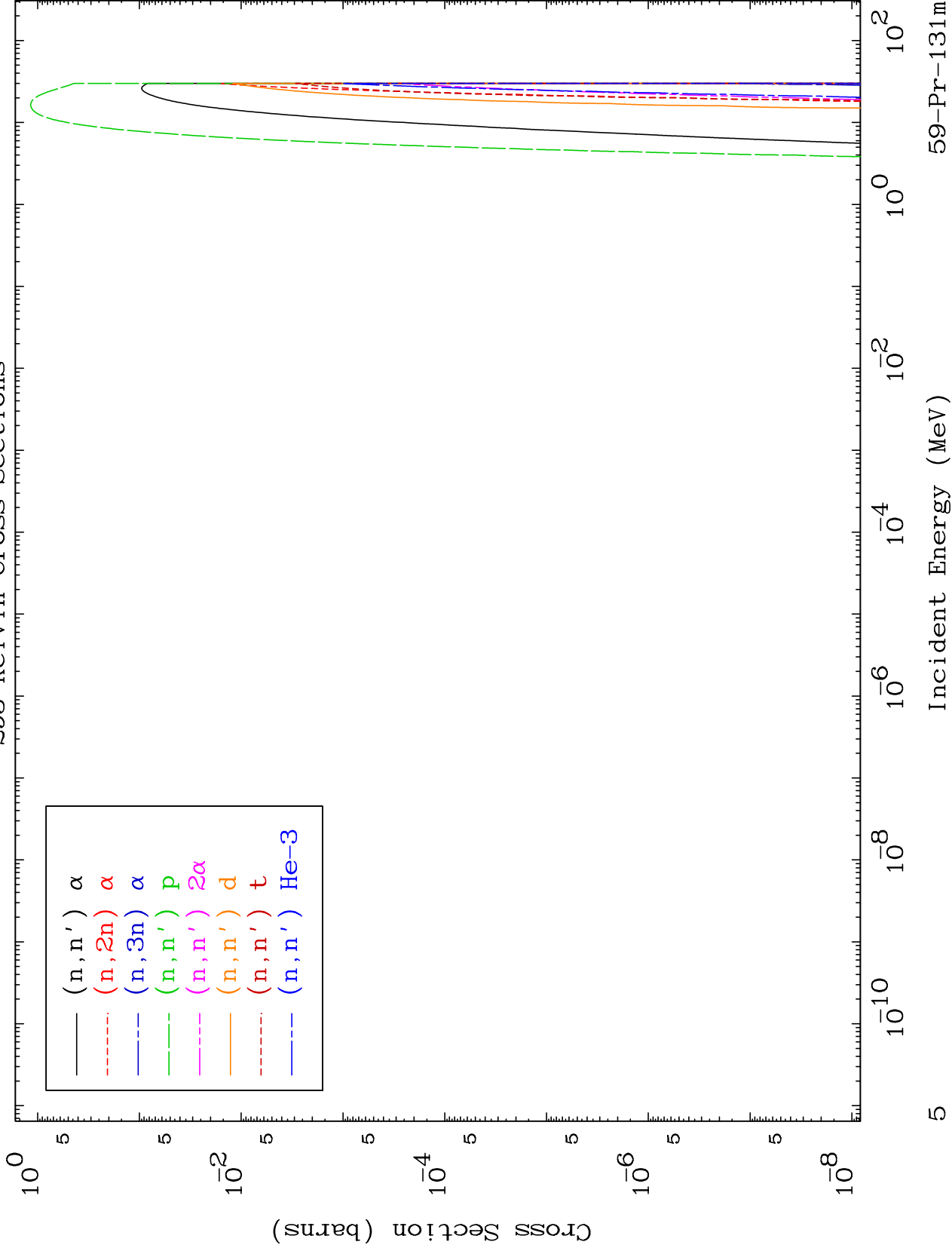
59-Pr-131m



MAT 5896

Charged Particle
293 Kelvin Cross Sections

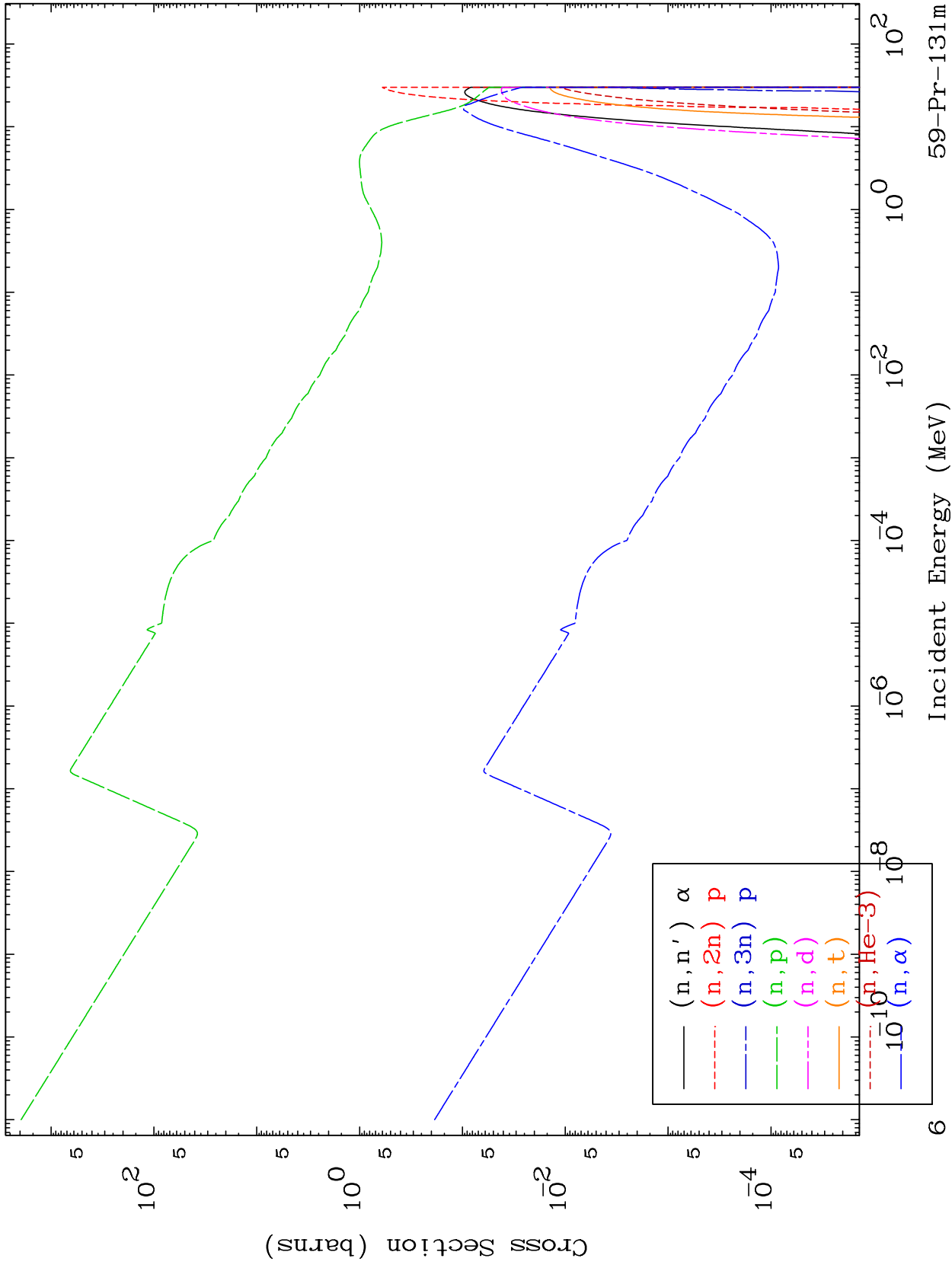
59-Pr-131m



MAT 5896

Charged Particle
293 Kelvin Cross Sections

59-Pr-131m

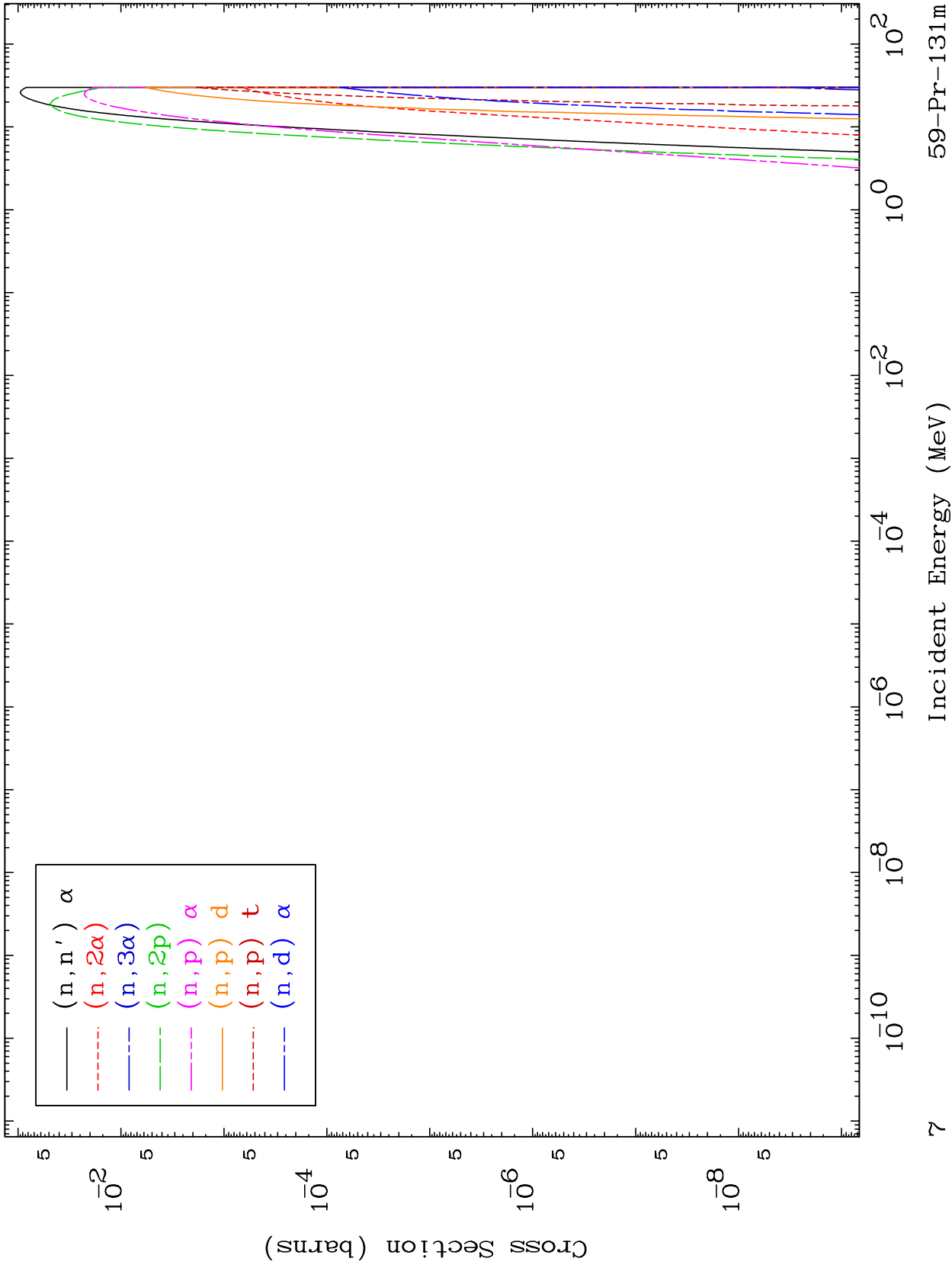


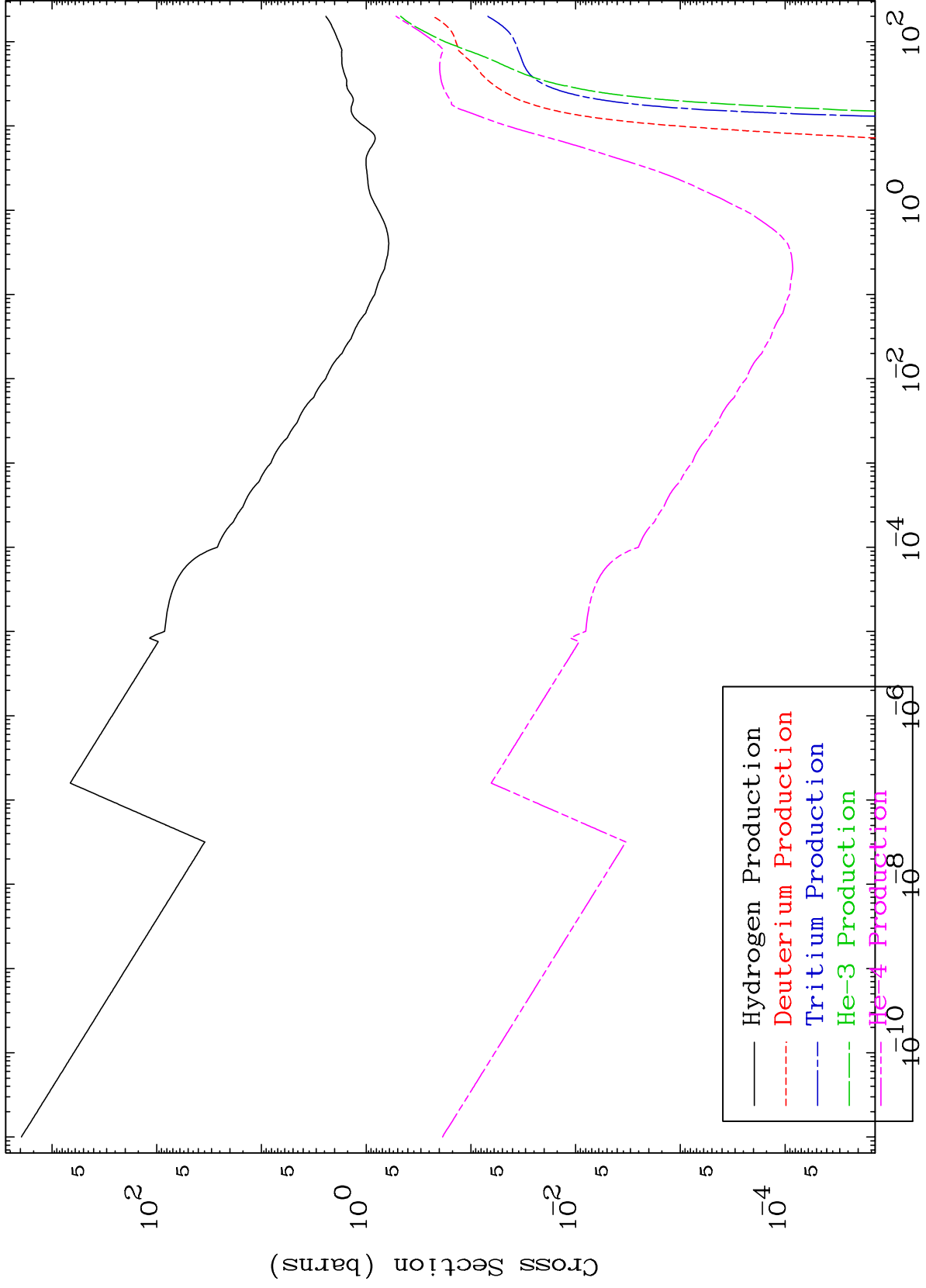
59-Pr-131m

MAT 5896

Charged Particle
293 Kelvin Cross Sections

59-Pr-131m

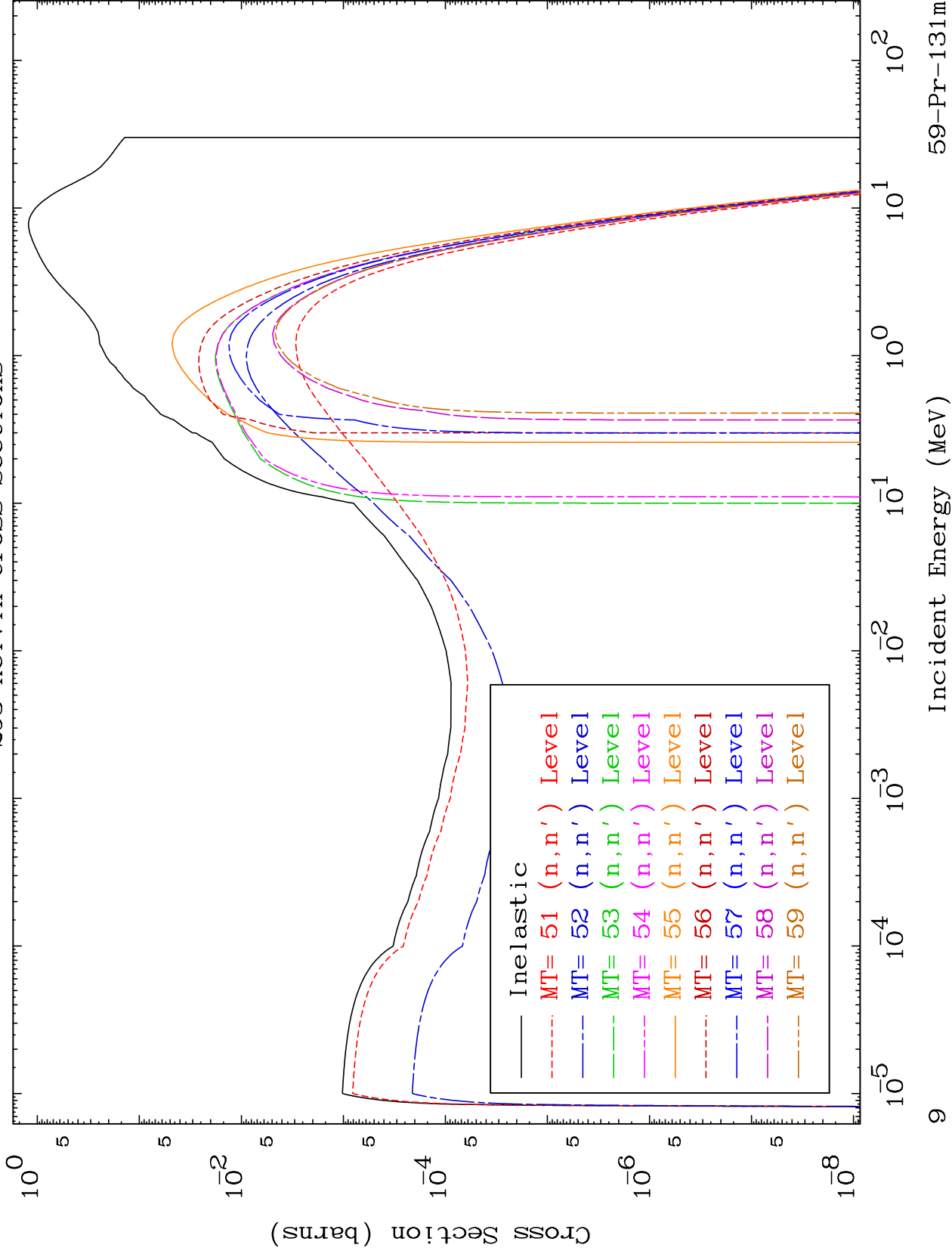




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(n,n') Levels
293 Kelvin Cross Sections

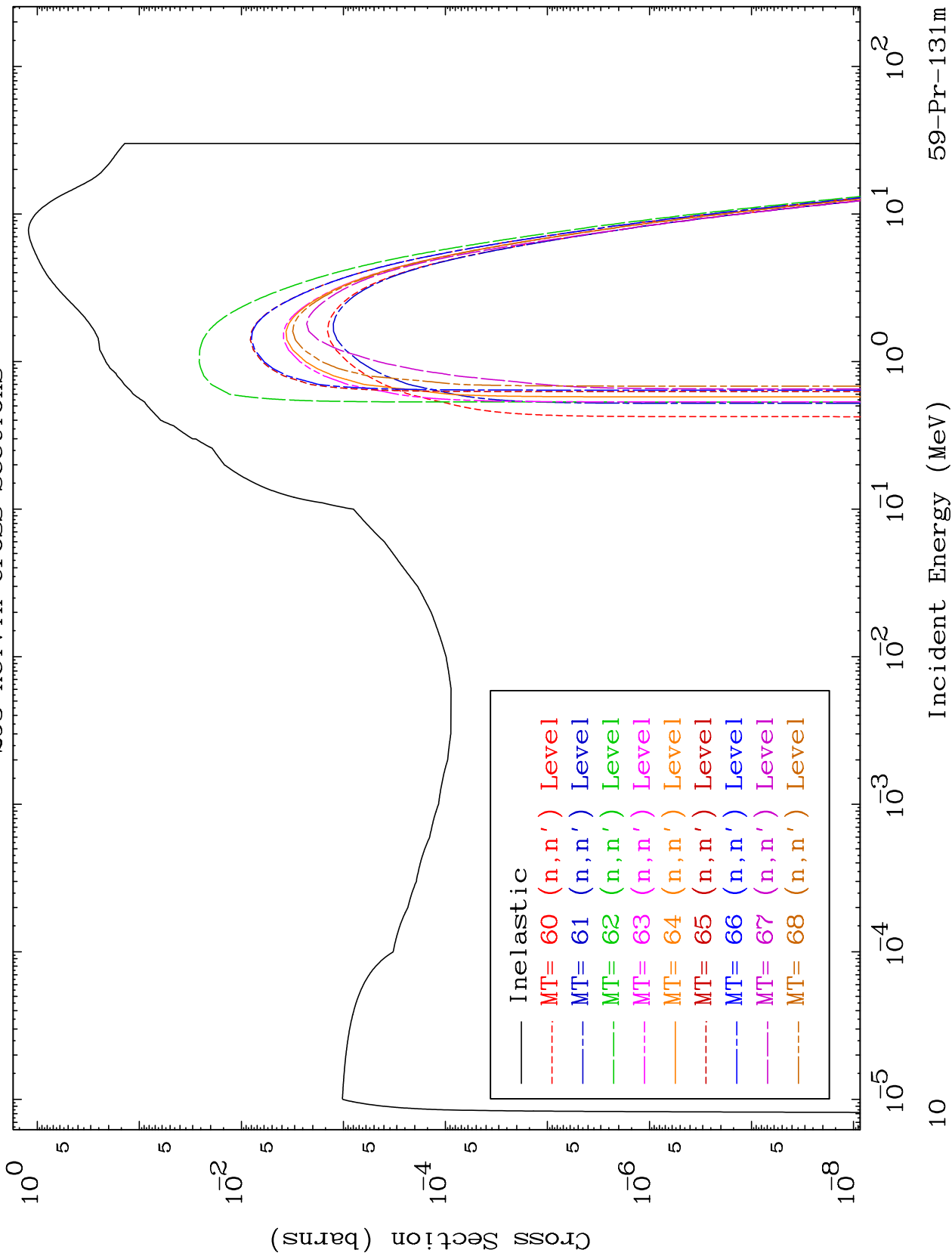
59-Pr-131m



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(n,n') Levels
293 Kelvin Cross Sections

59-Pr-131m

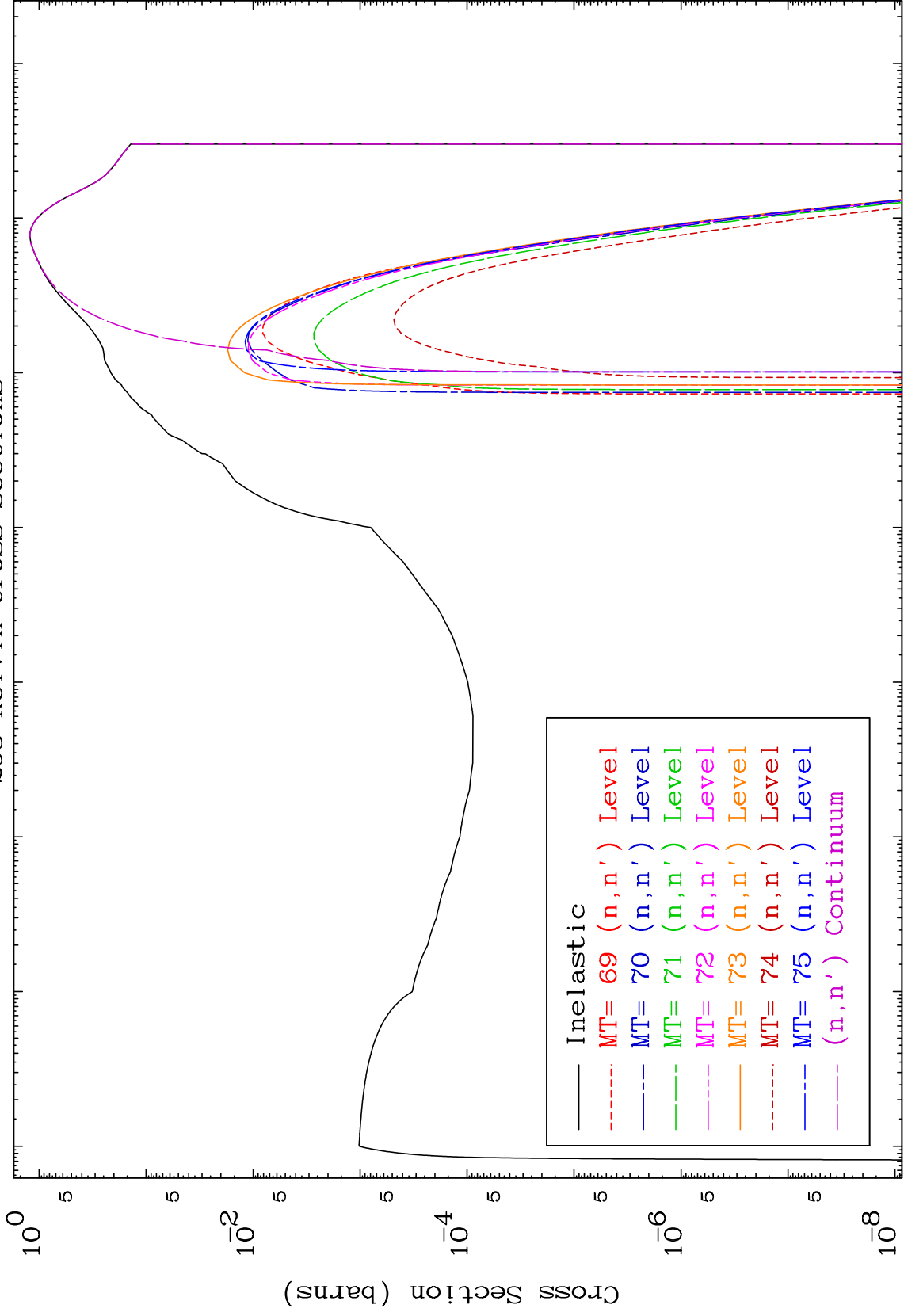


59-Pr-131m

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(n,n') Levels
293 Kelvin Cross Sections

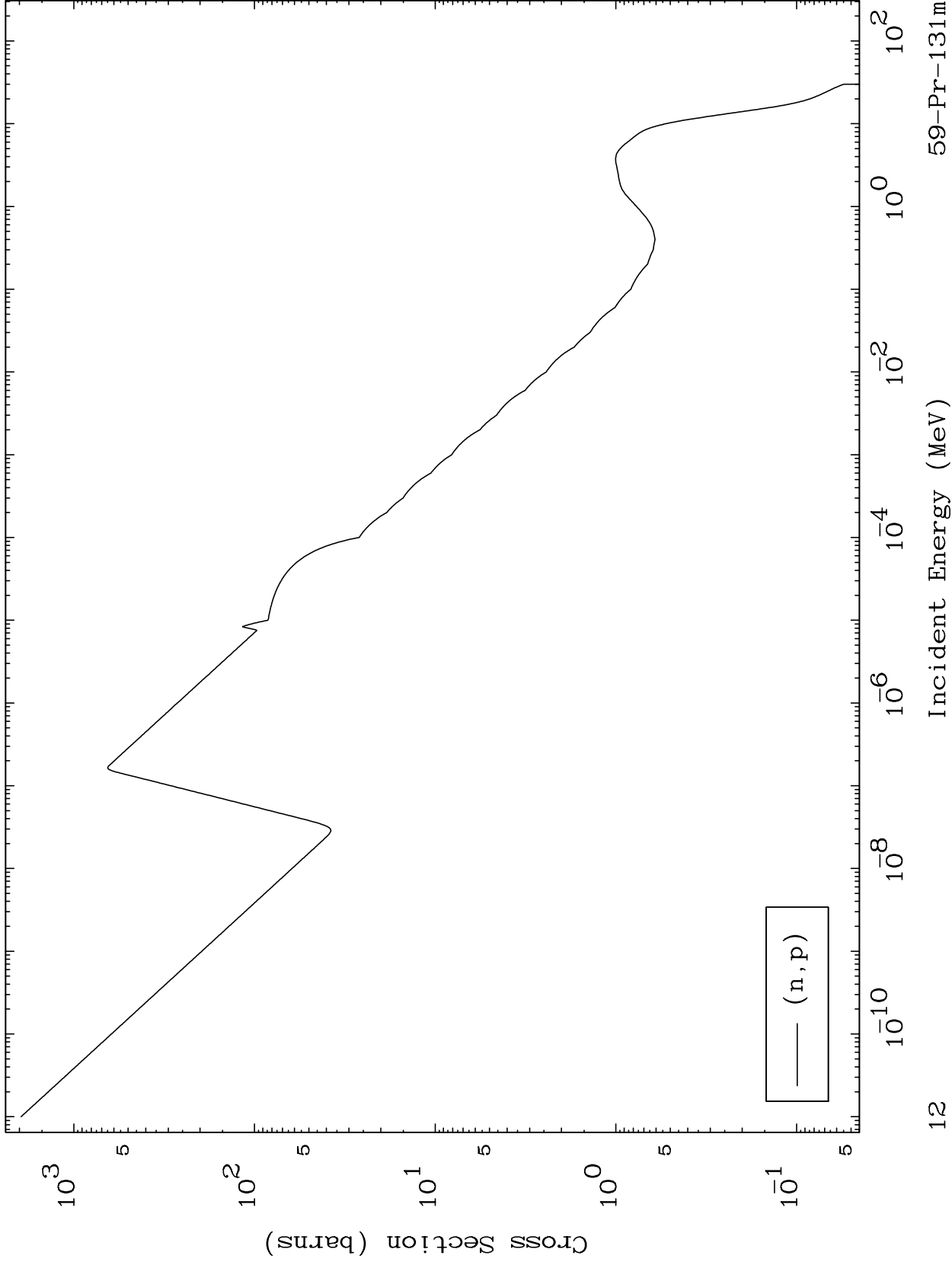
59-Pr-131m



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(n,p) Levels
293 Kelvin Cross Sections

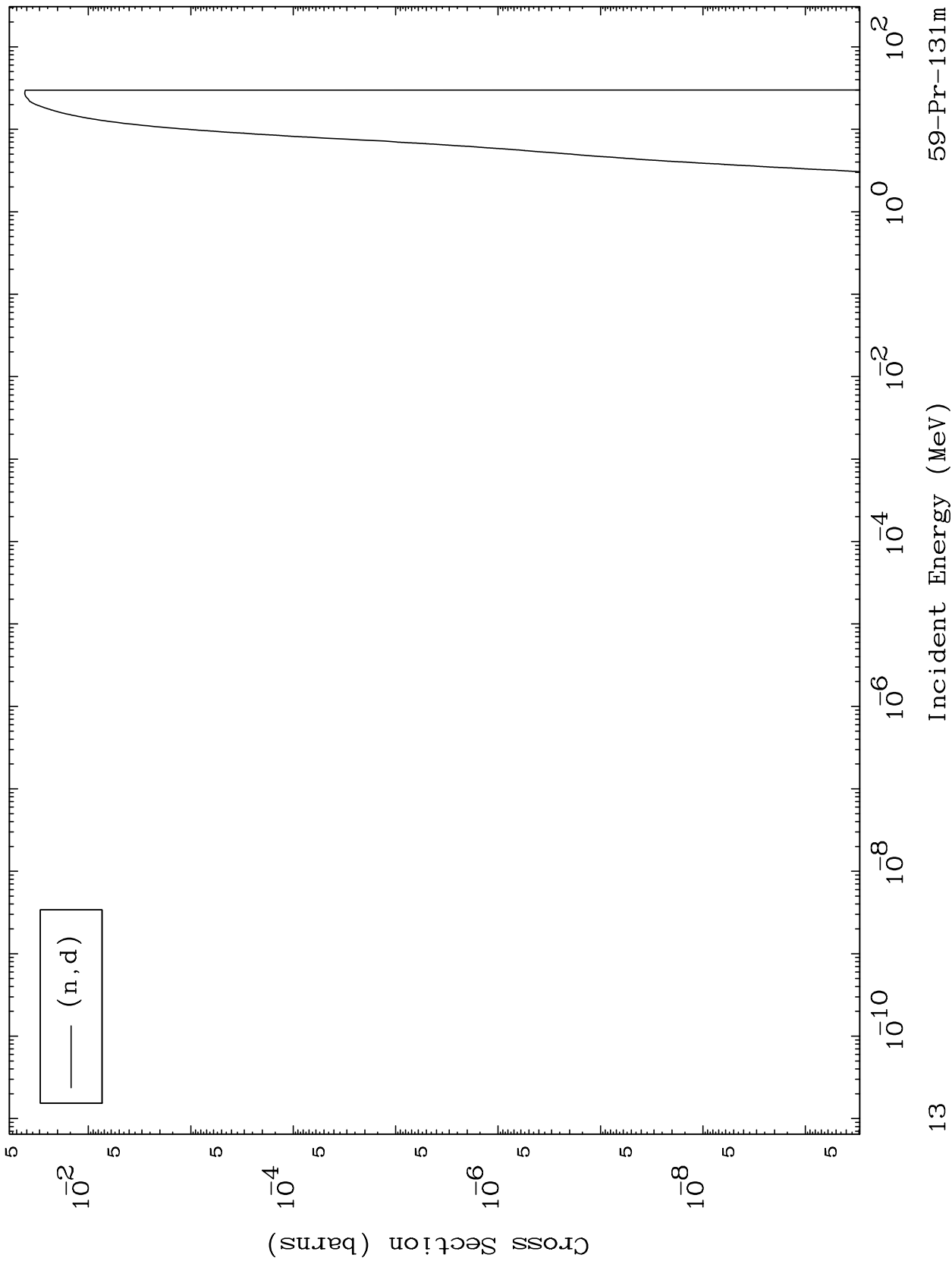
59-Pr-131m



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(n,d) Levels
293 Kelvin Cross Sections

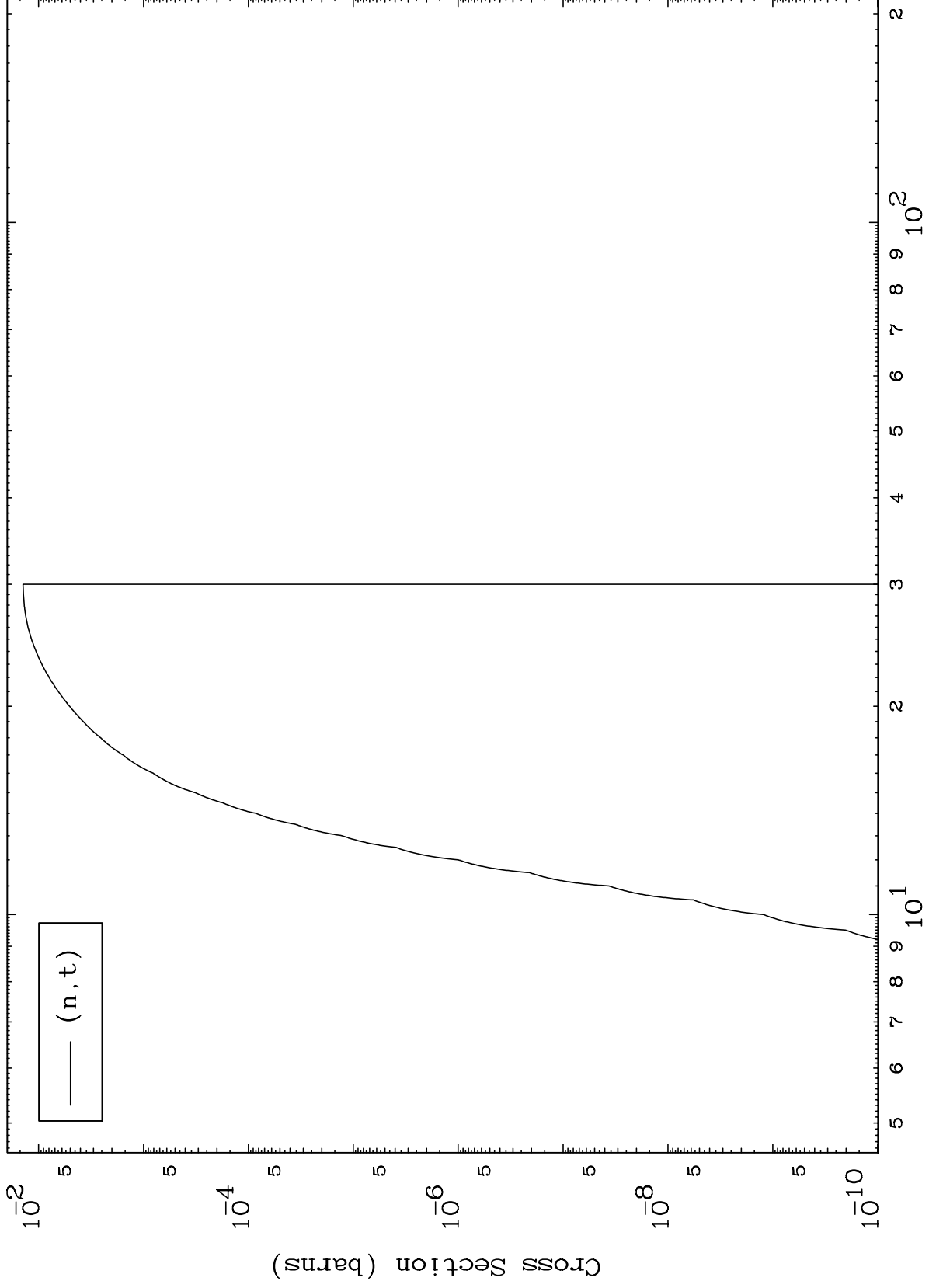
59-Pr-131m



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(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131m



14

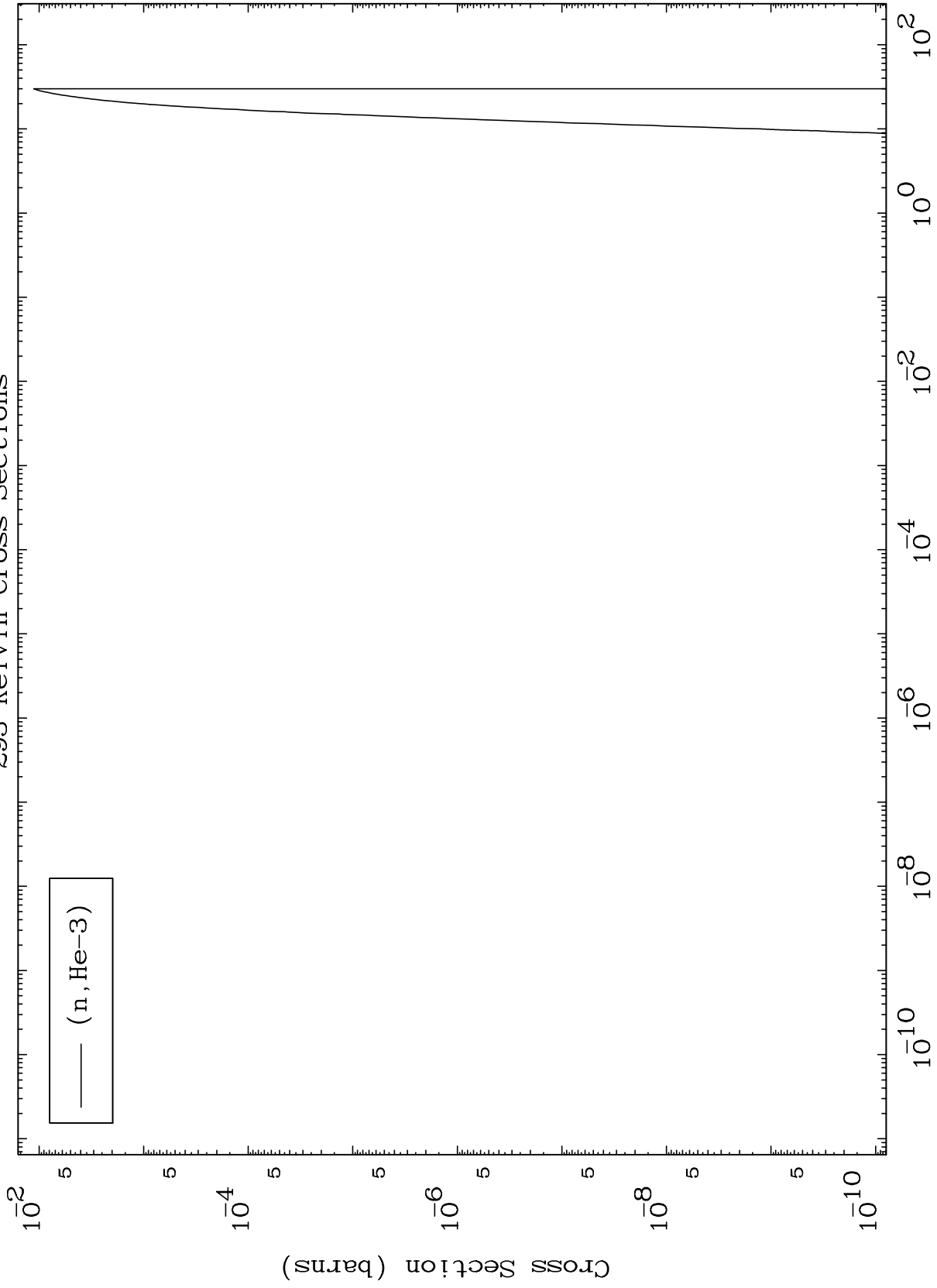
Incident Energy (MeV)

59-Pr-131m

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(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-131m



15

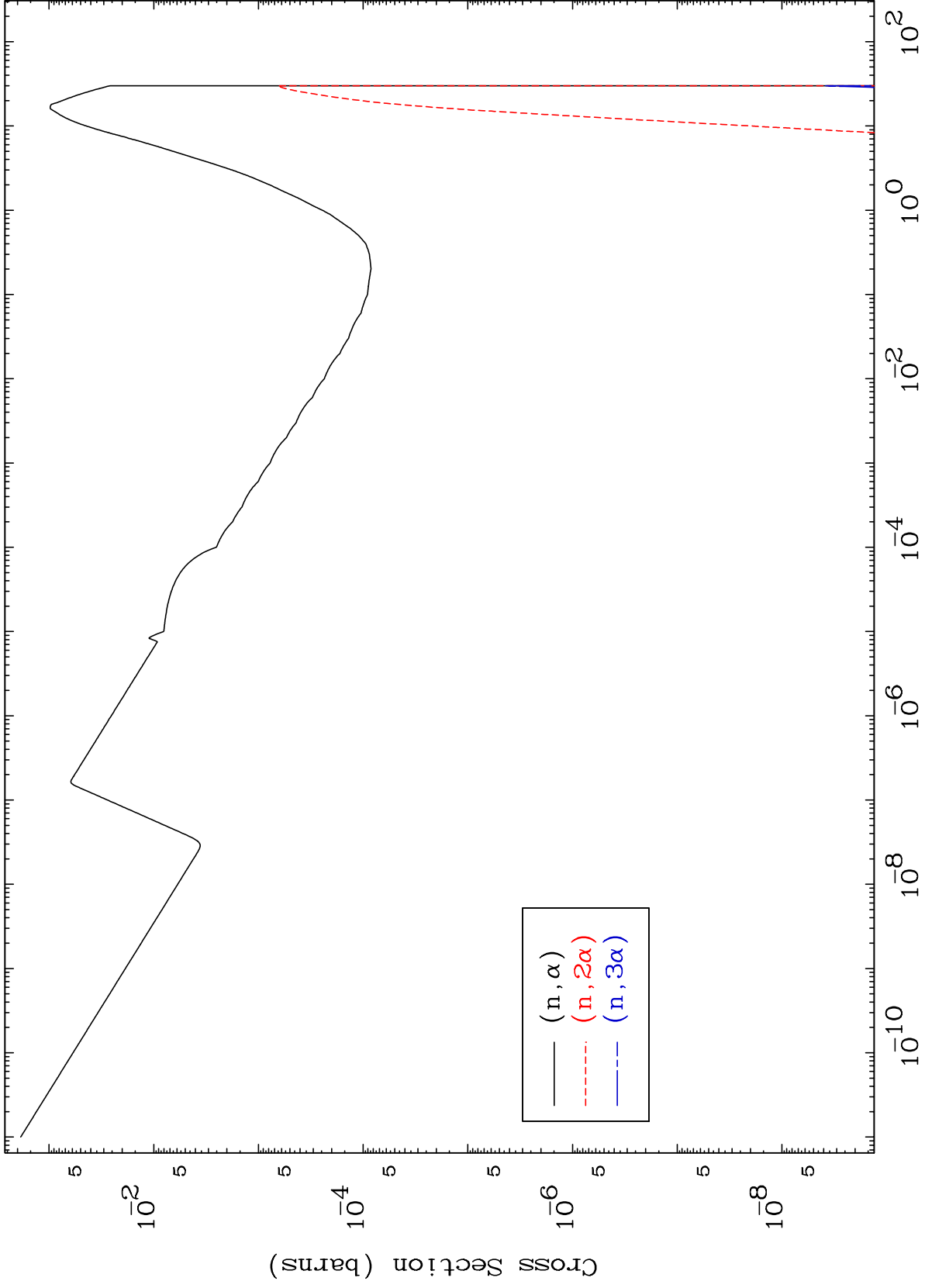
Incident Energy (MeV)

59-Pr-131m

MAT 5896

(n, α) Levels
293 Kelvin Cross Sections

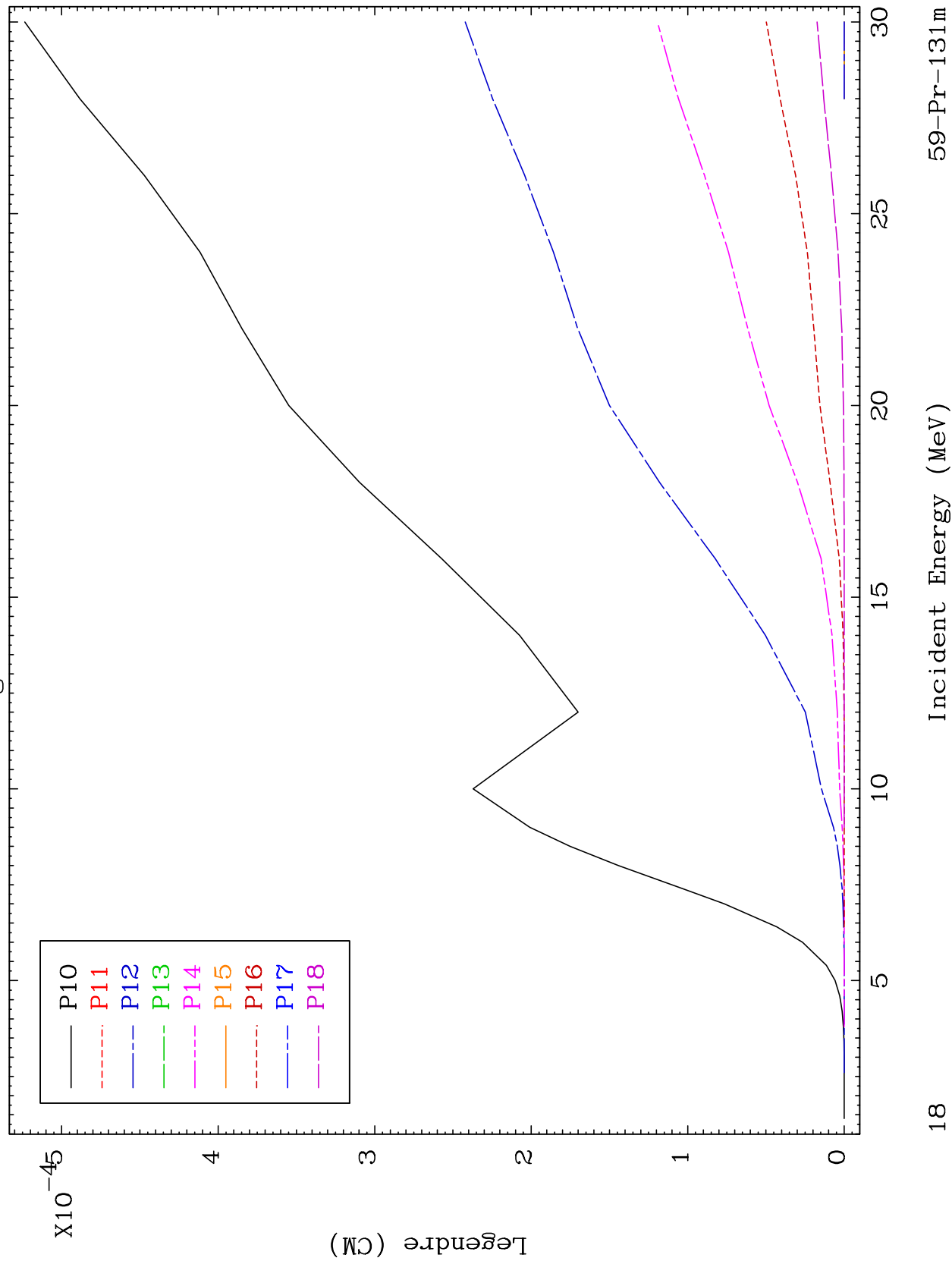
59-Pr-131m



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Elastic Legendre Coefficients

59-Pr-131m



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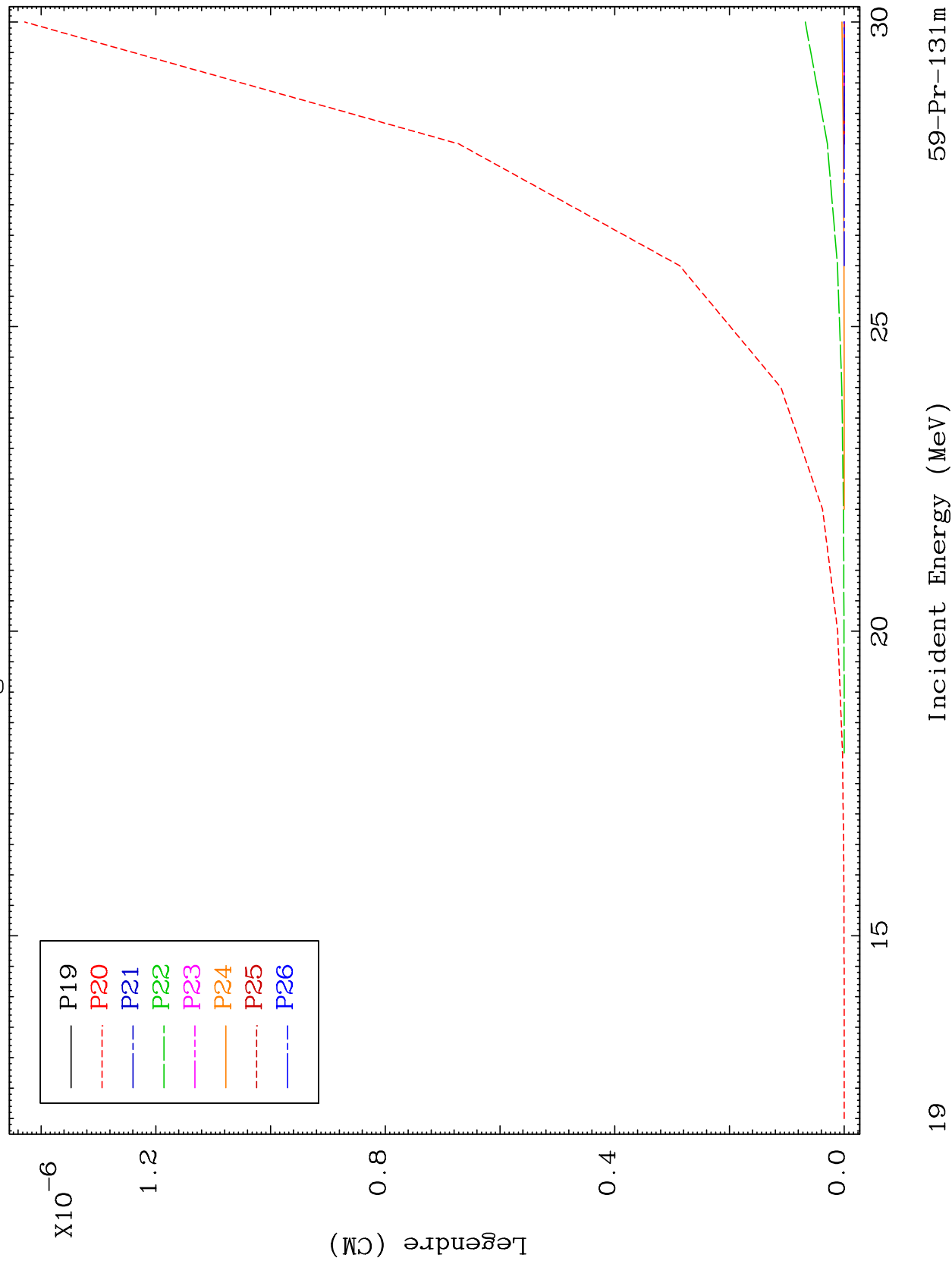
59-Pr-131m

Incident Energy (MeV)

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Elastic Legendre Coefficients

59-Pr-131m



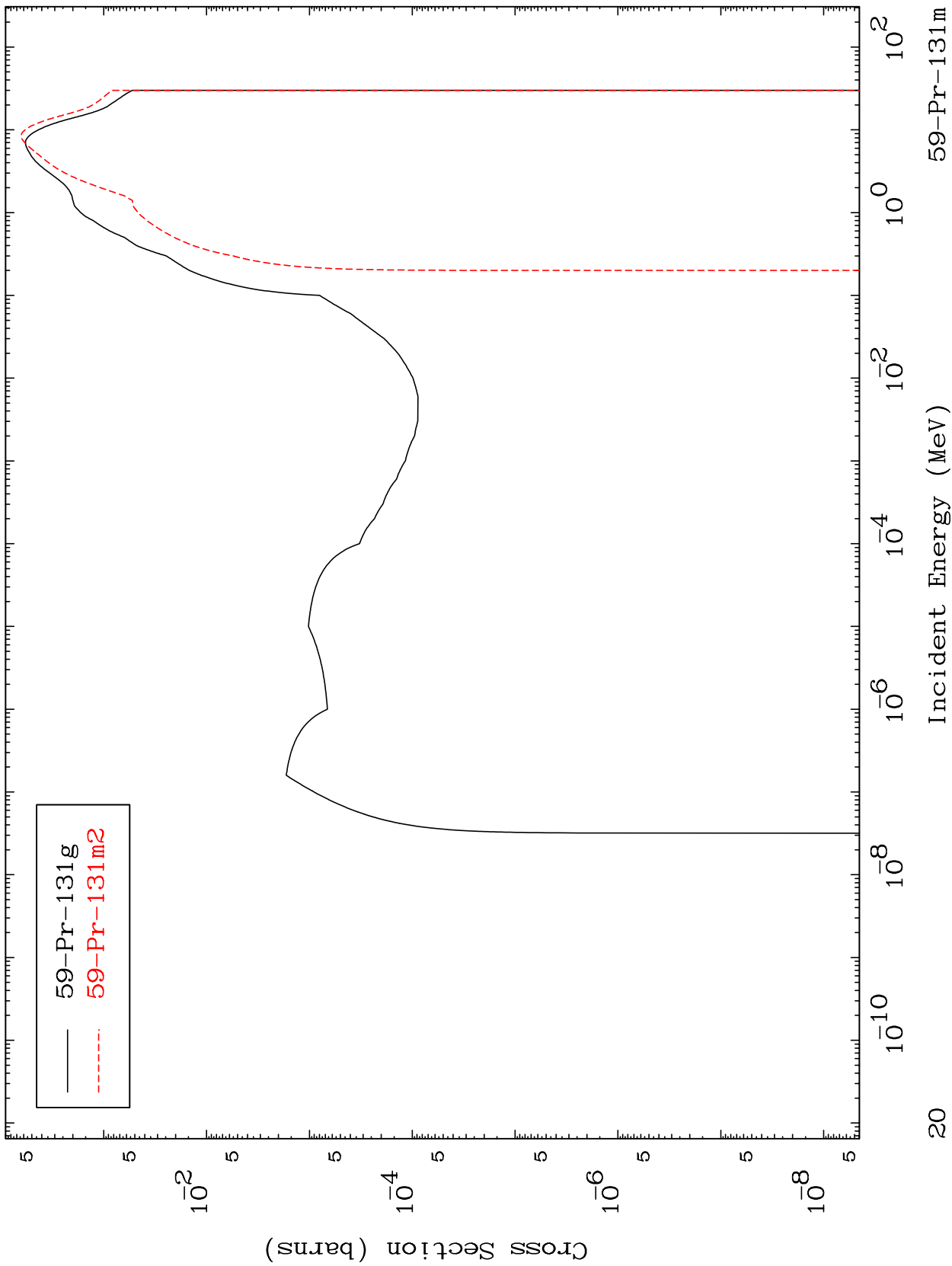
19

59-Pr-131m

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Inelastic
Radionuclide Production Cross Section

59-Pr-131m

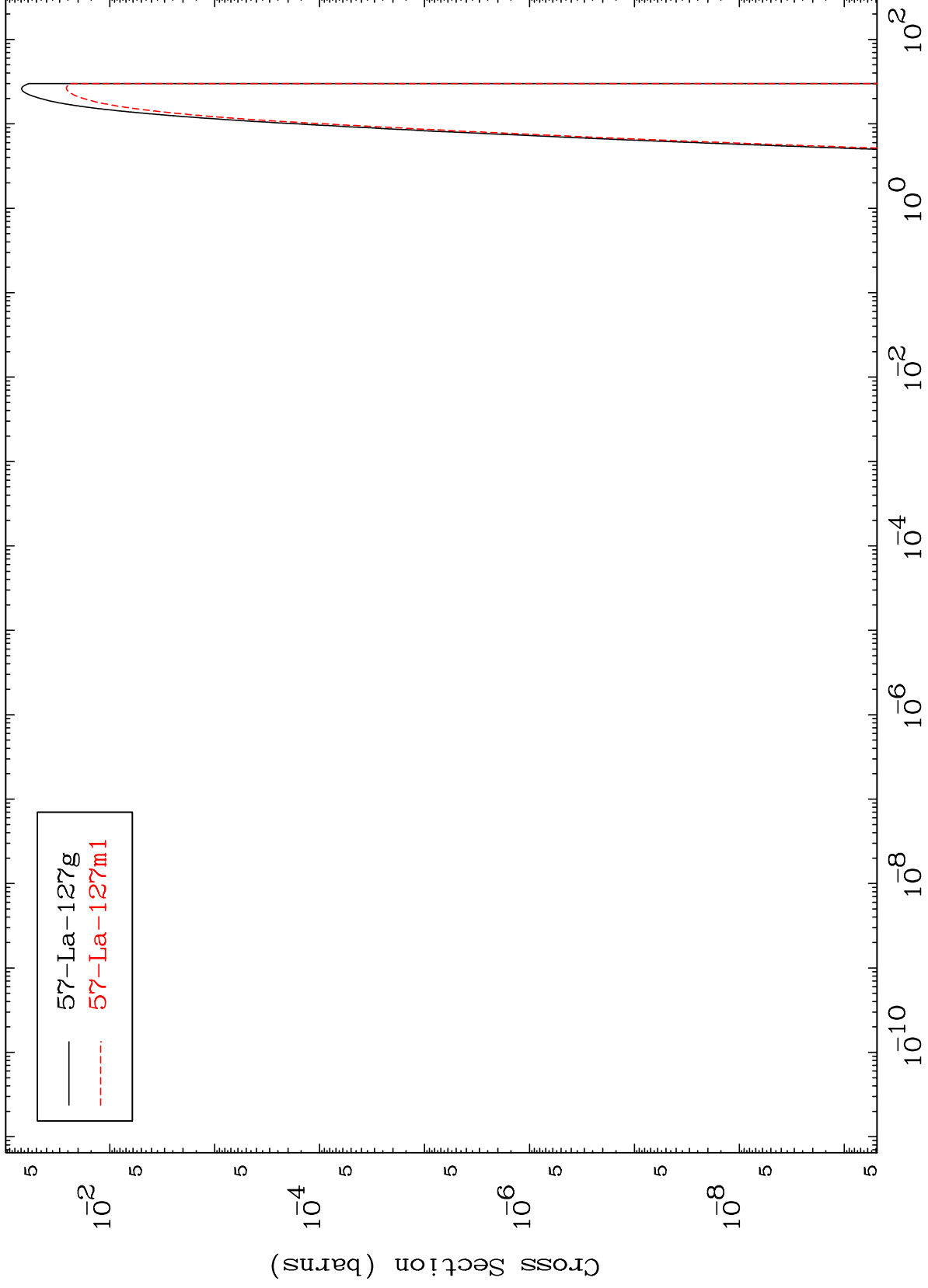


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$(n, n') \alpha$

59-Pr-131m

Radionuclide Production Cross Section

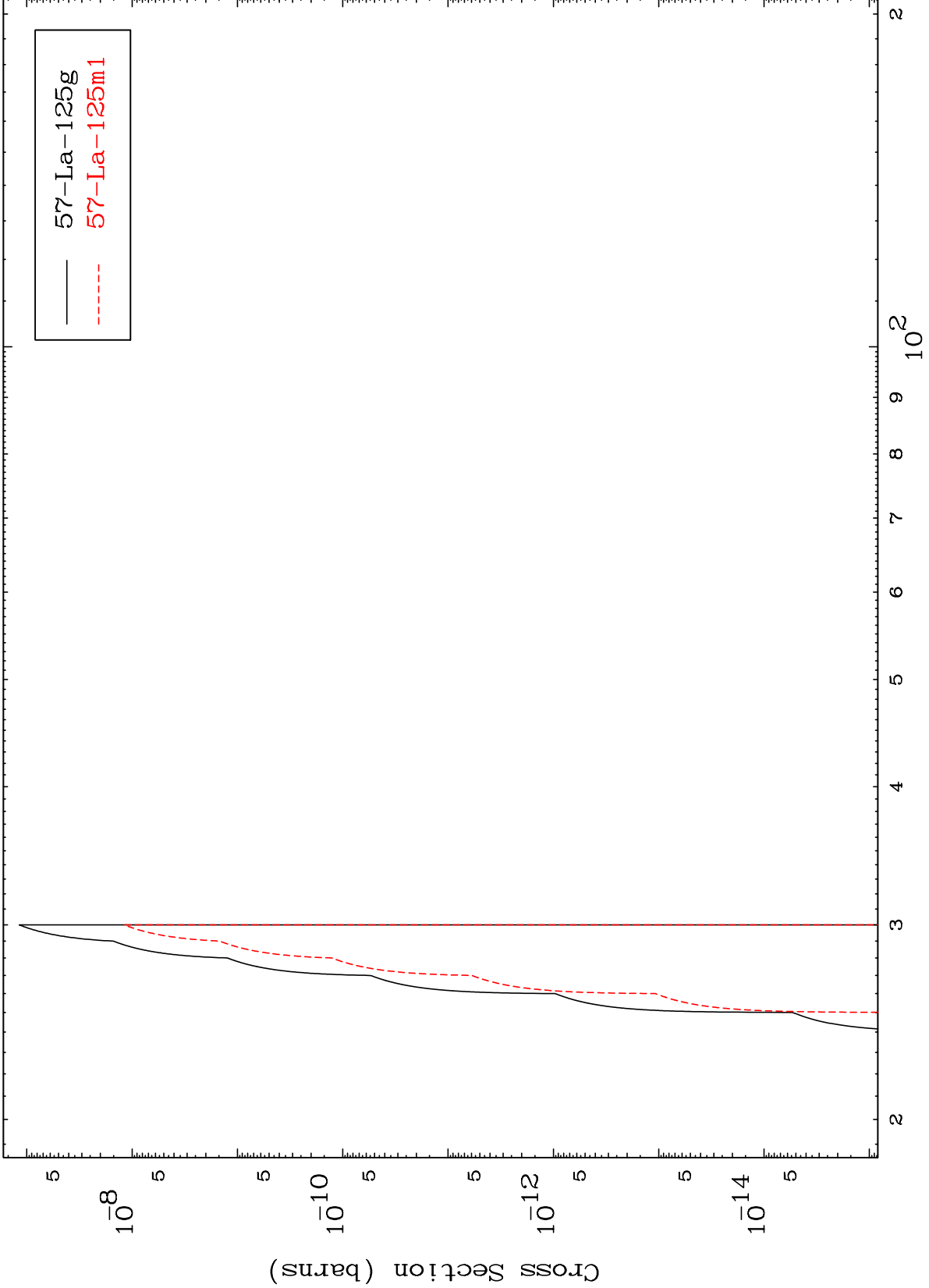


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(n,3n) α

59-Pr-131m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

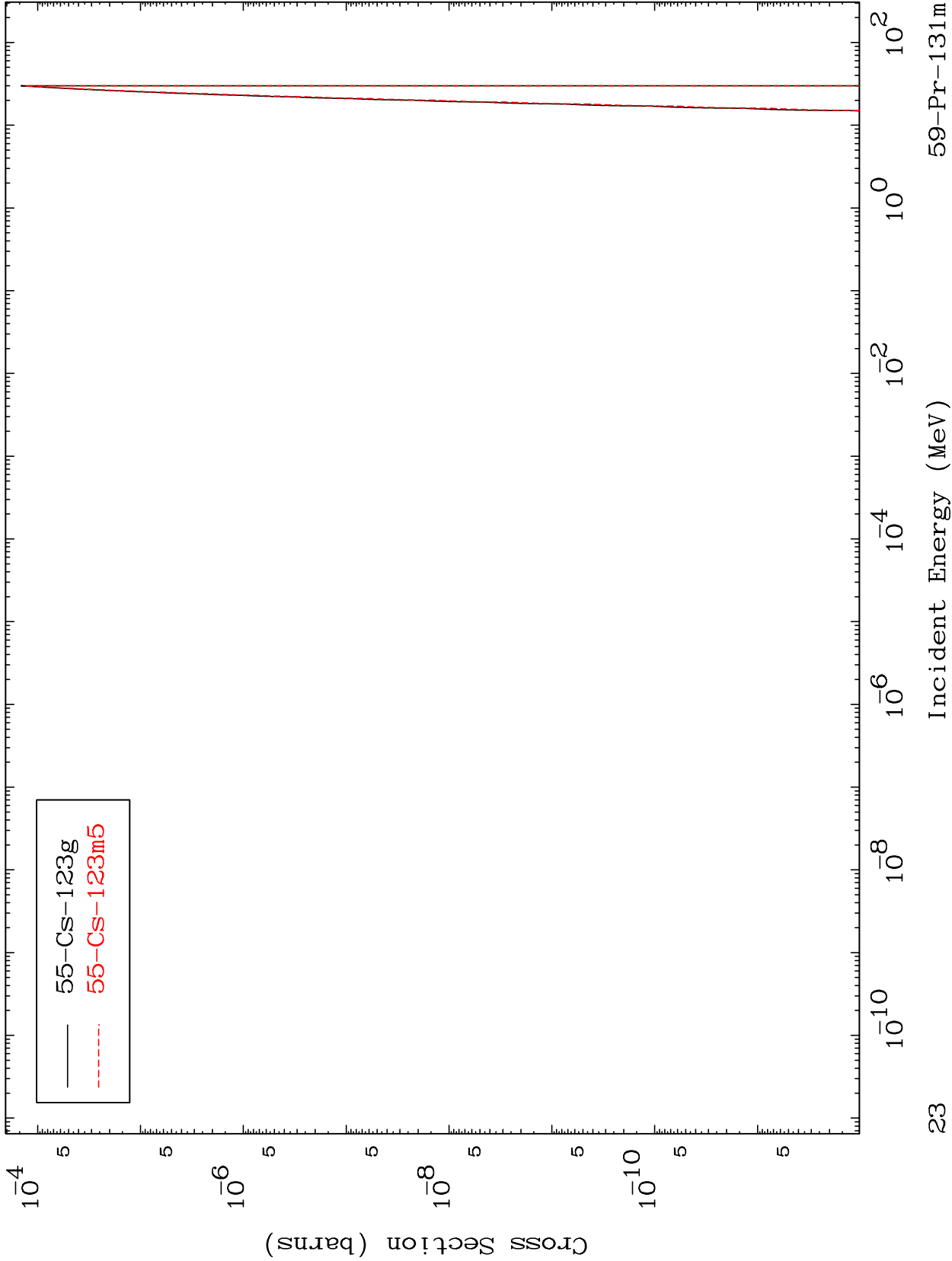
59-Pr-131m

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(n,n') 2α

59-Pr-131m

Radionuclide Production Cross Section

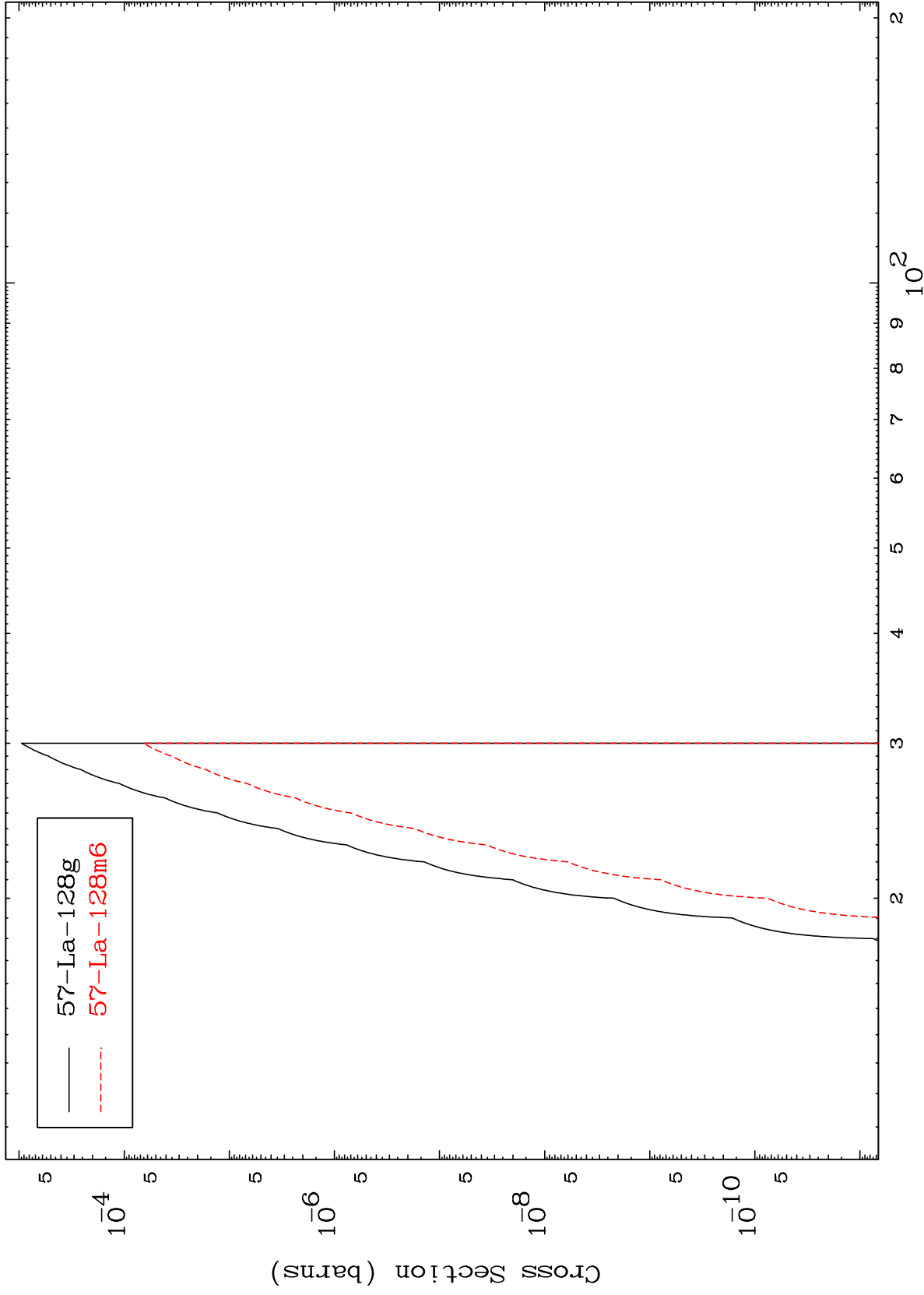


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(n,n') He-3

59-Pr-131m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

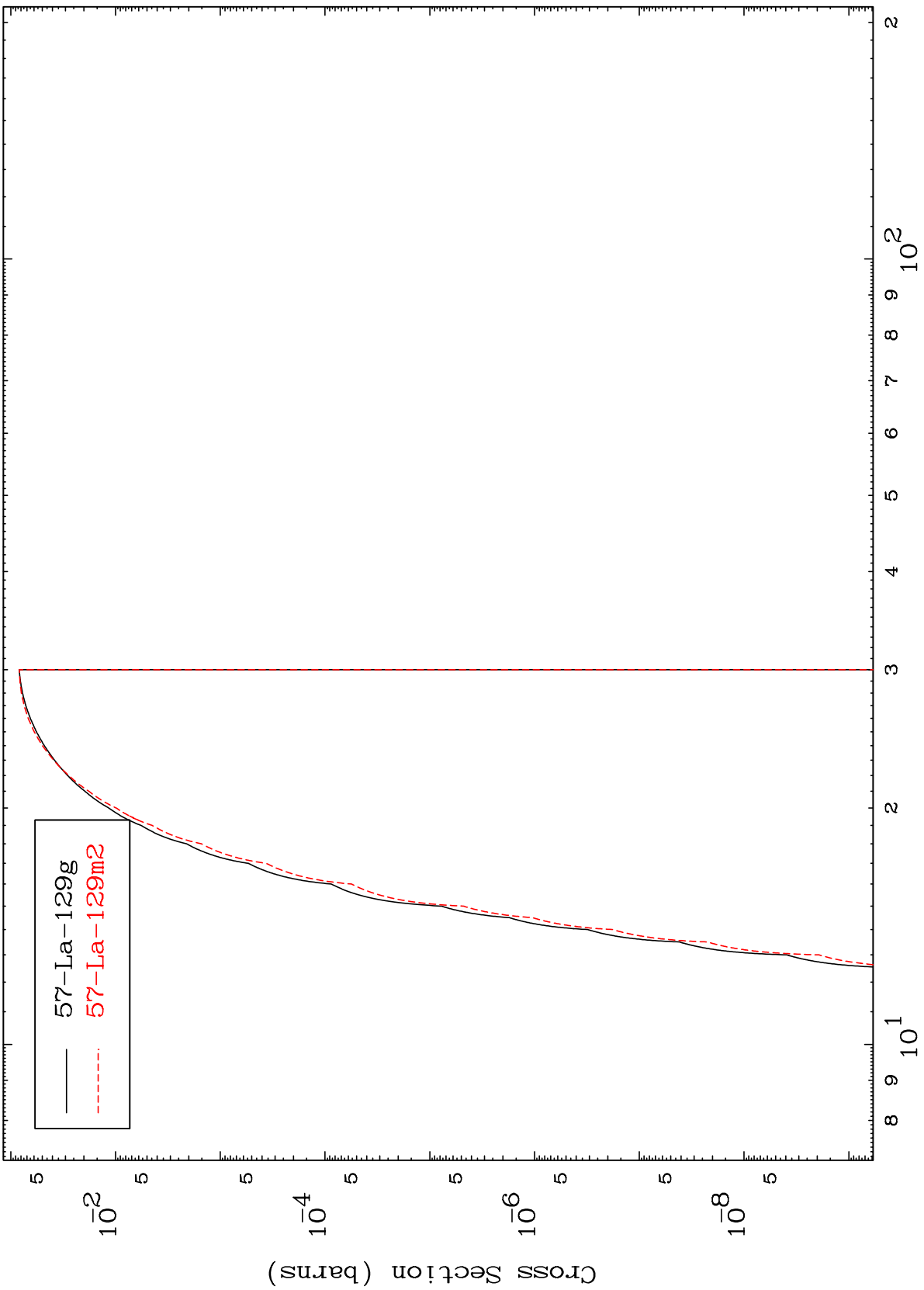
59-Pr-131m

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(n,2n) p

59-Pr-131m

Radionuclide Production Cross Section



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

25

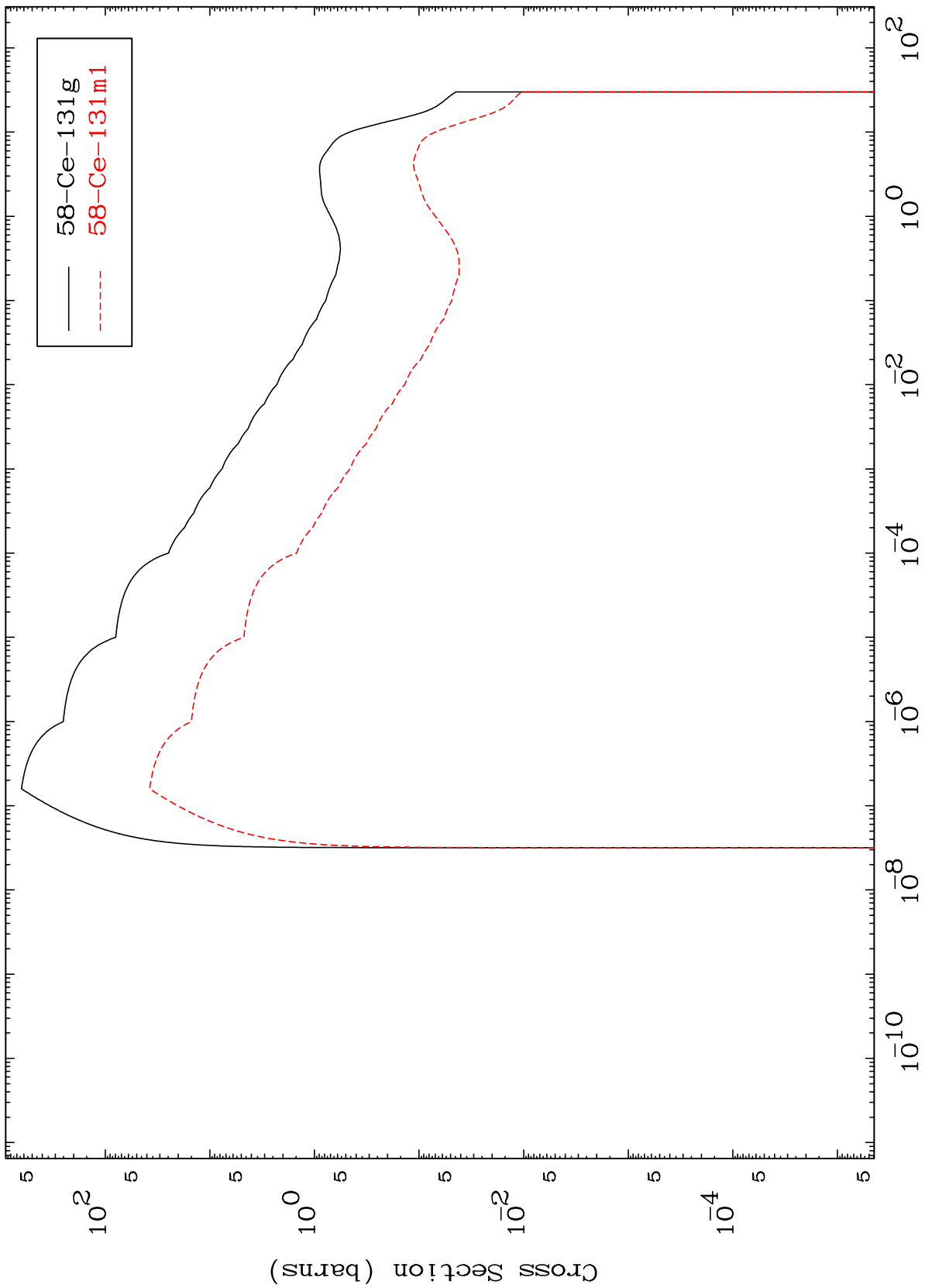
Incident Energy (MeV)

59-Pr-131m

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59-Pr-131m

(n,p)
Radionuclide Production Cross Section



26

59-Pr-131m

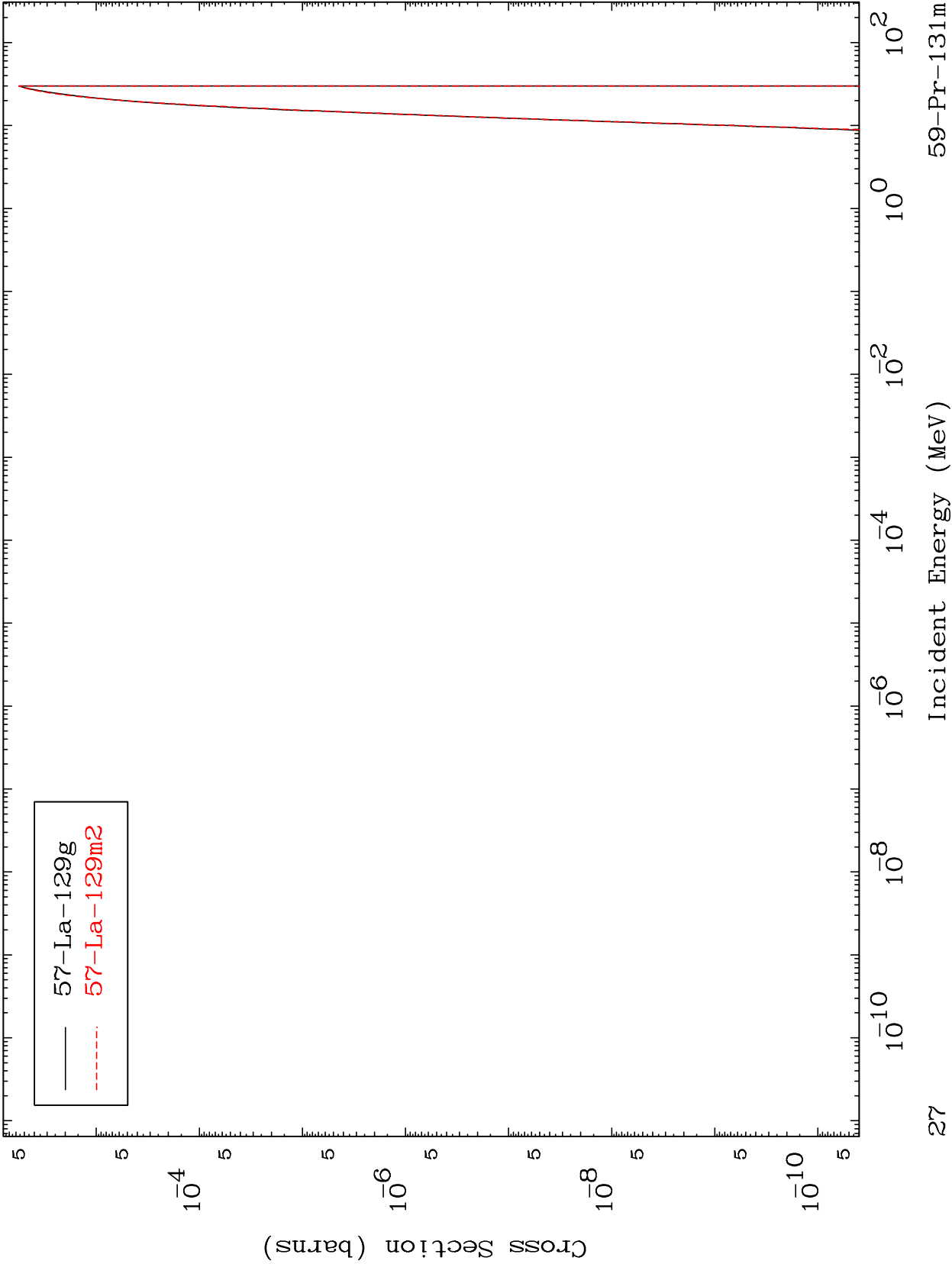
Incident Energy (MeV)

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(n,He-3)

59-Pr-131m

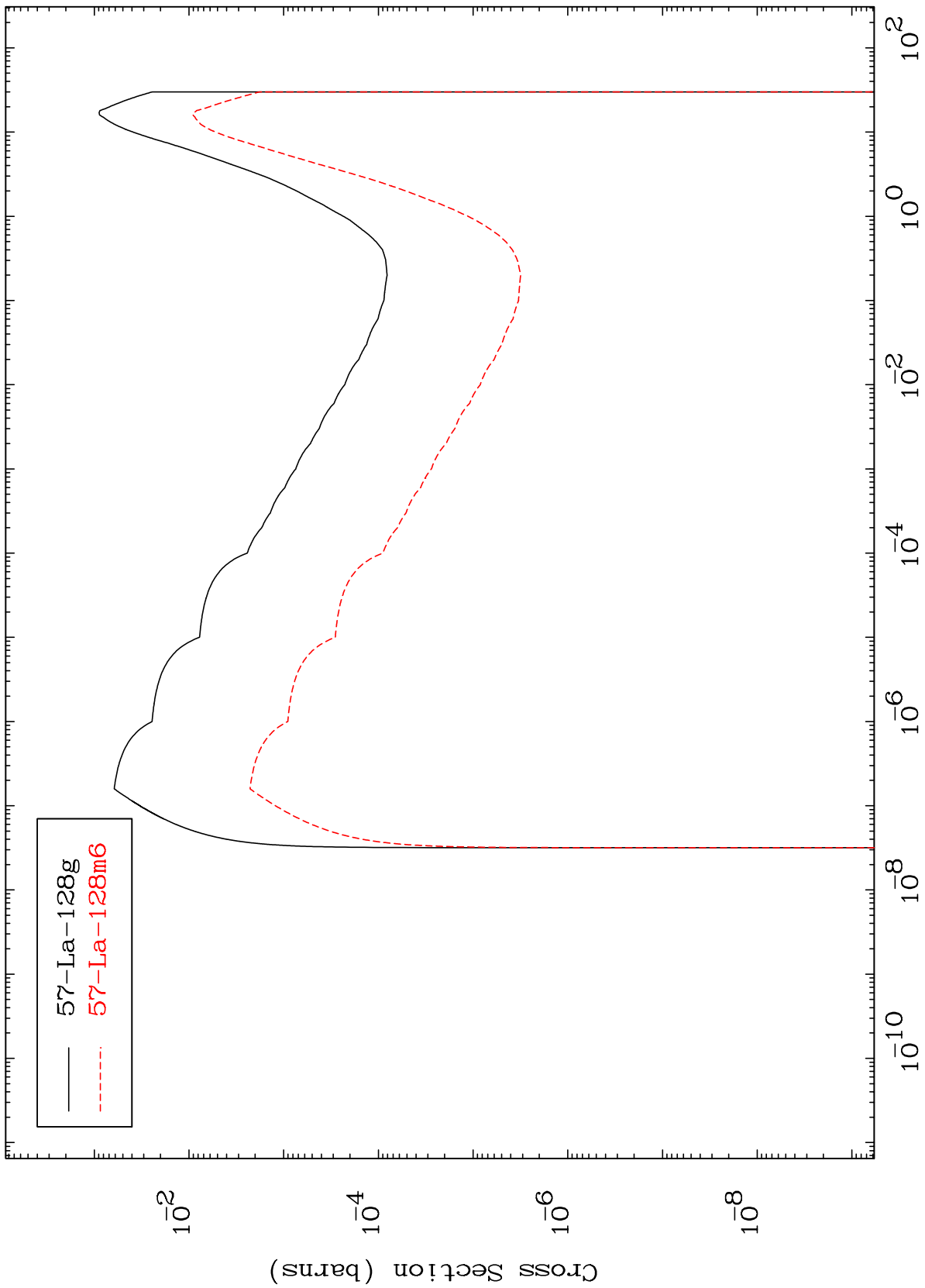
Radionuclide Production Cross Section



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59-Pr-131m

Radionuclide Production Cross Section
(n, α)



57-La-128g
57-La-128m6

59-Pr-131m

Incident Energy (MeV)

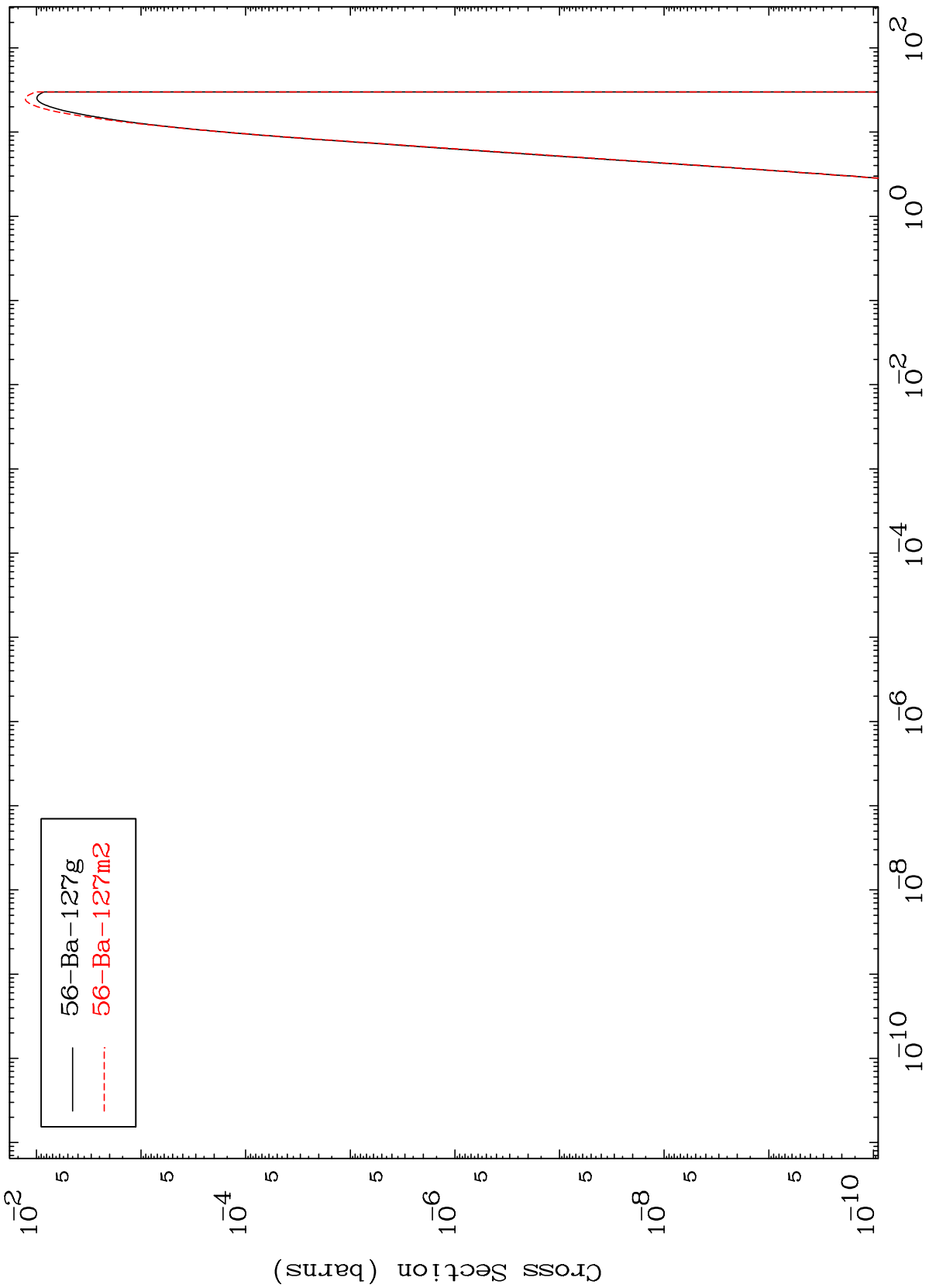
28

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(n,p) α

59-Pr-131m

Radionuclide Production Cross Section

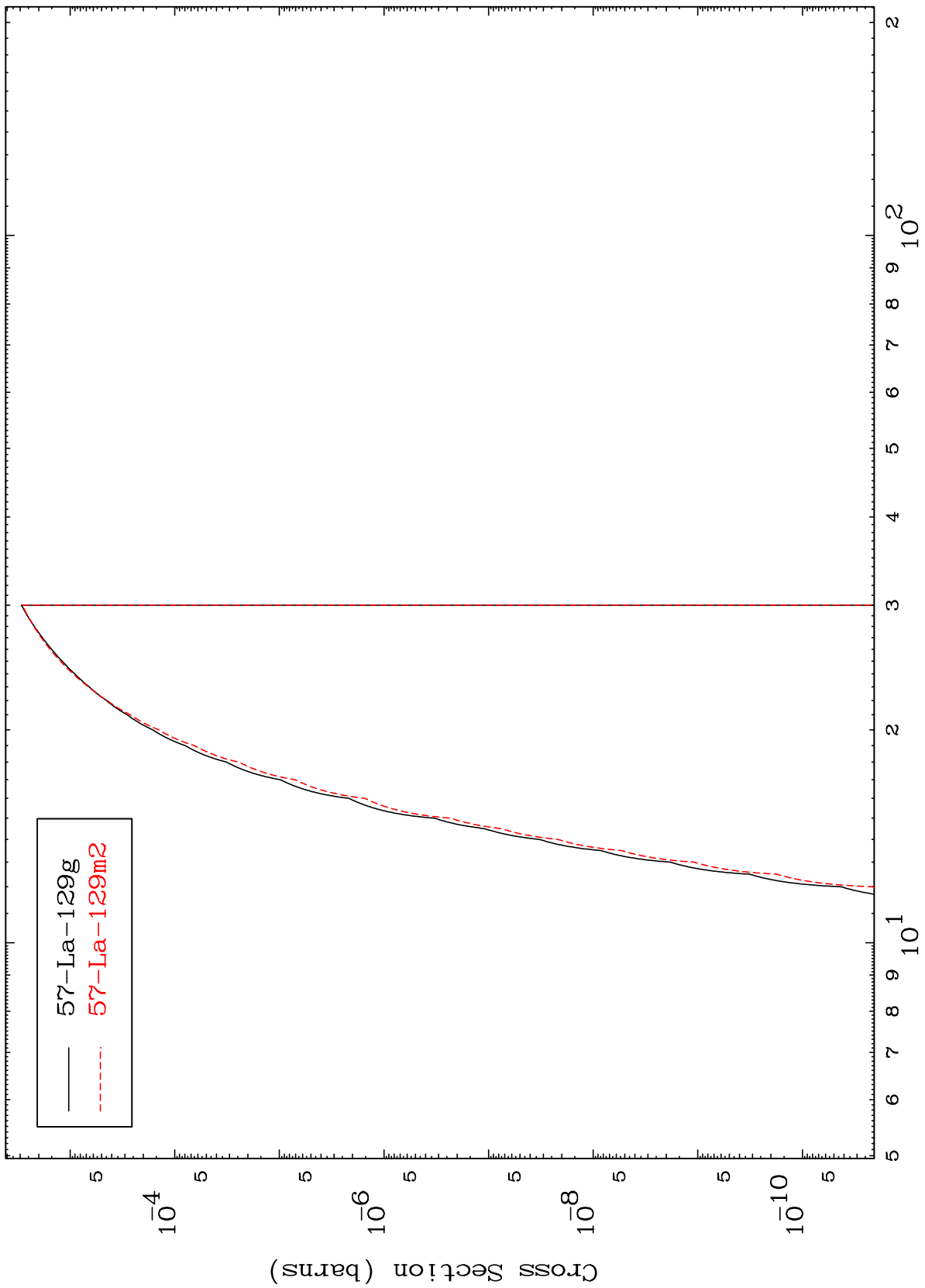


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(n,p) d

59-Pr-131m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

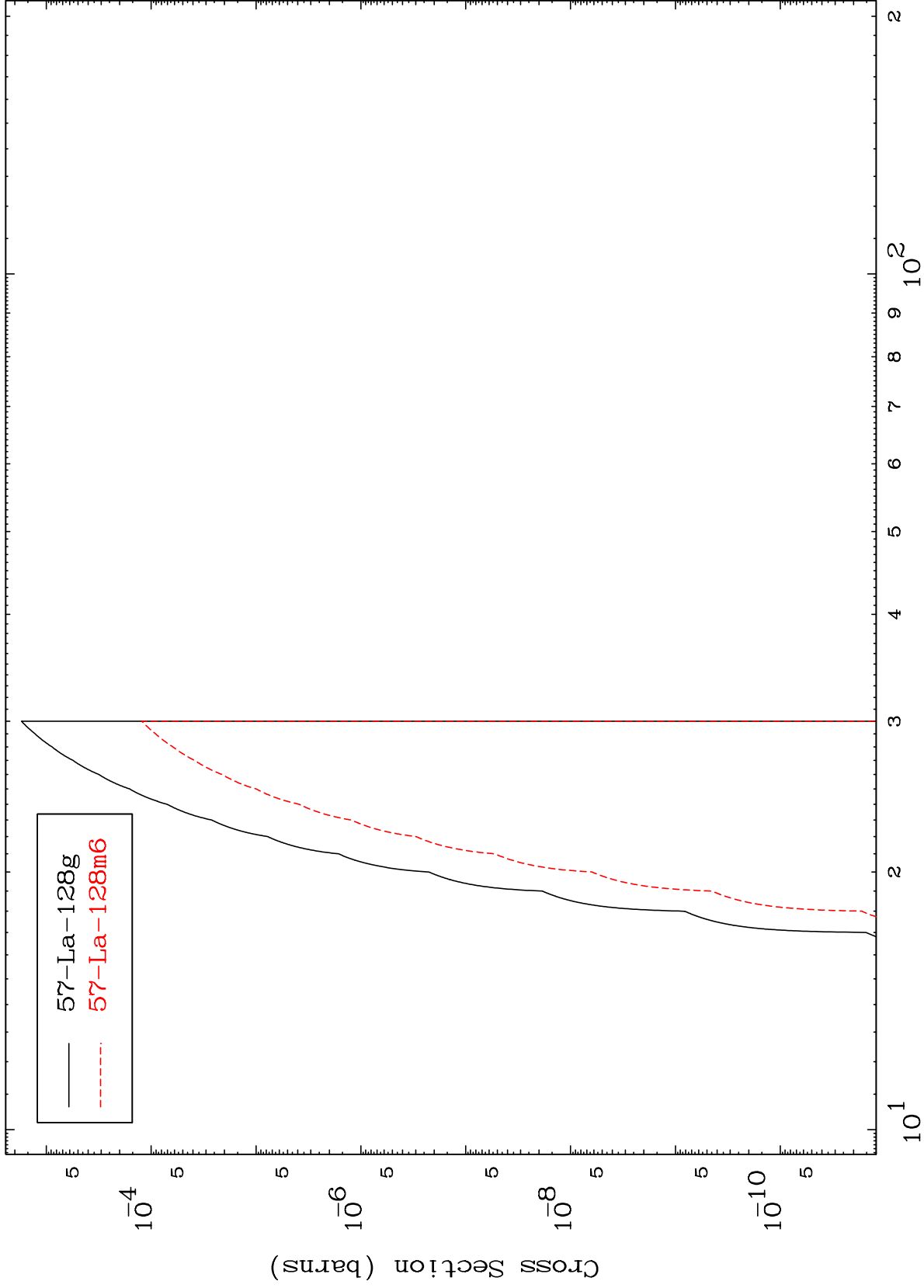
59-Pr-131m

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(n,p) t

59-Pr-131m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

59-Pr-131m