

Program EVALPLOT
(Version 2017-1)

by

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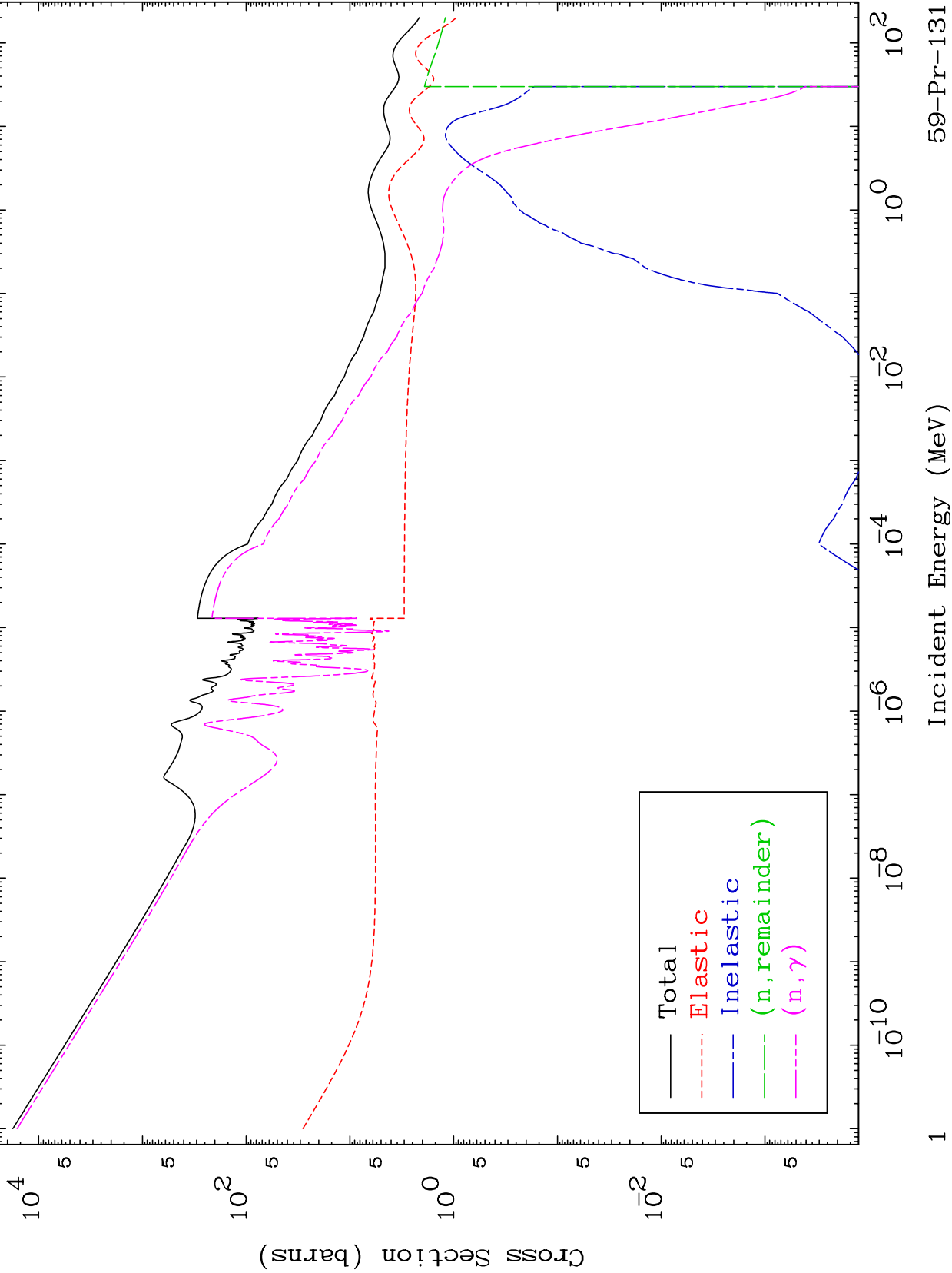
Press Mouse Button to Start

MAT 5896

Major

293 Kelvin Cross Sections

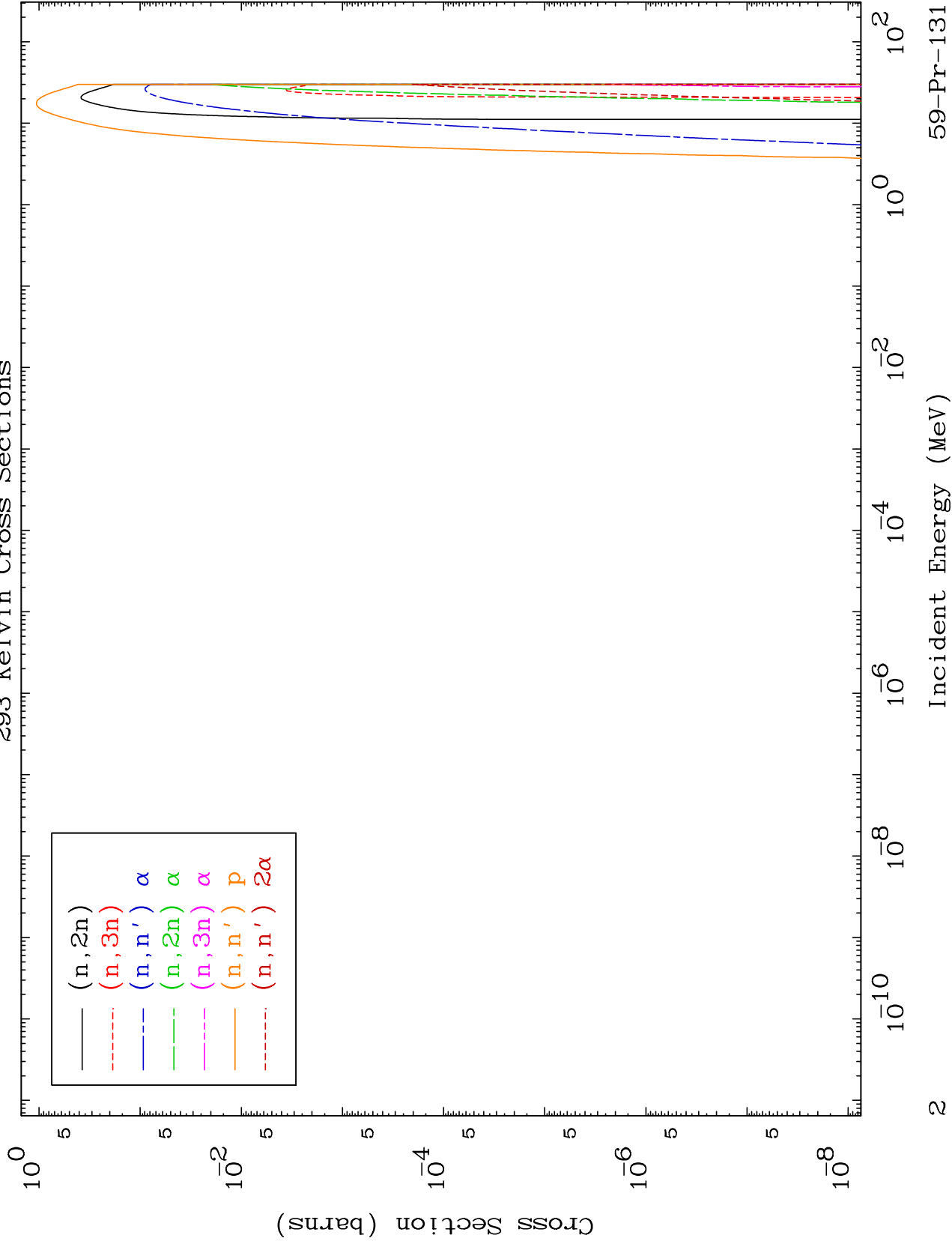
59-Pr-131

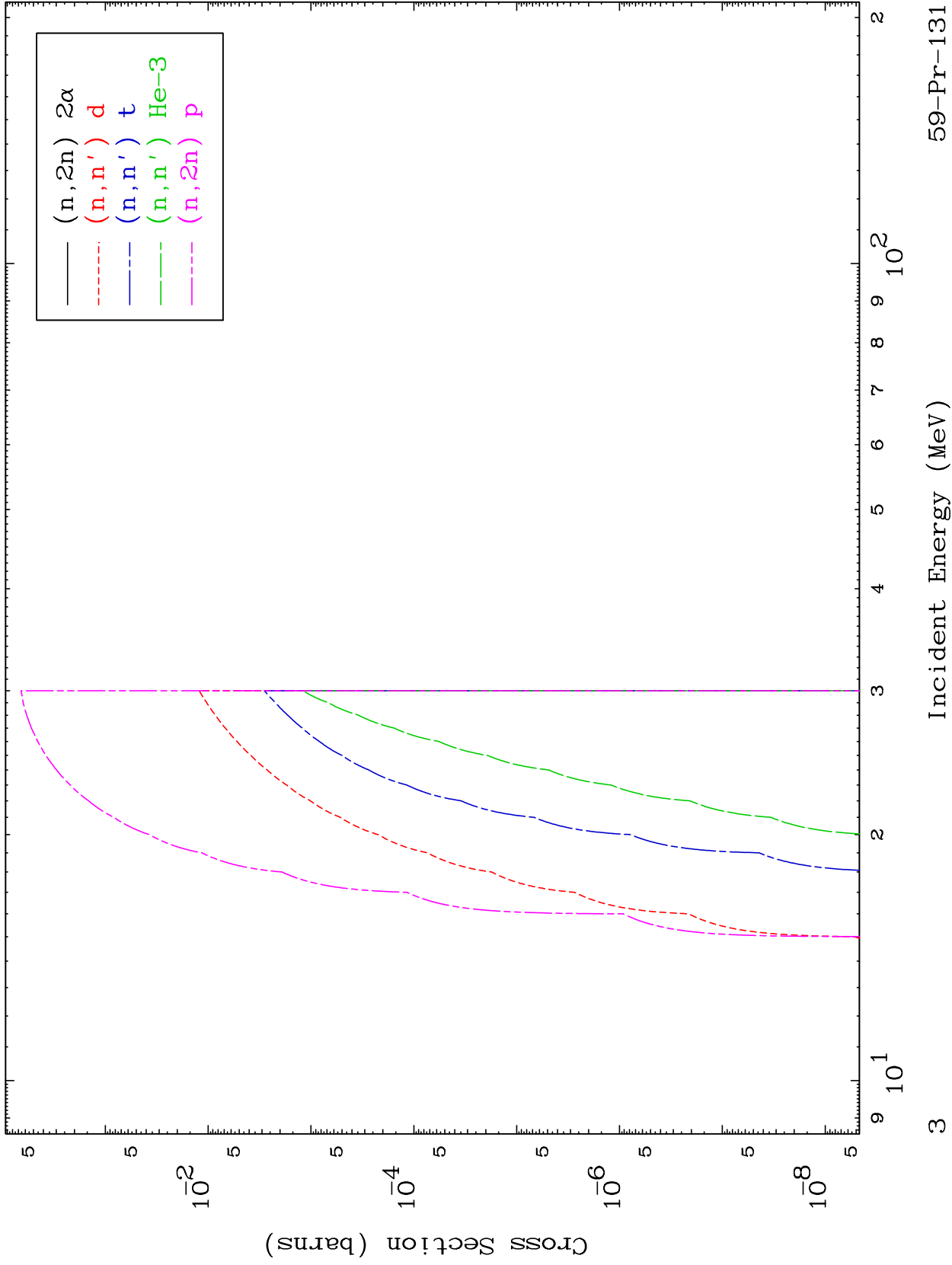


MAT 5896

Neutron Production
293 Kelvin Cross Sections

59-Pr-131

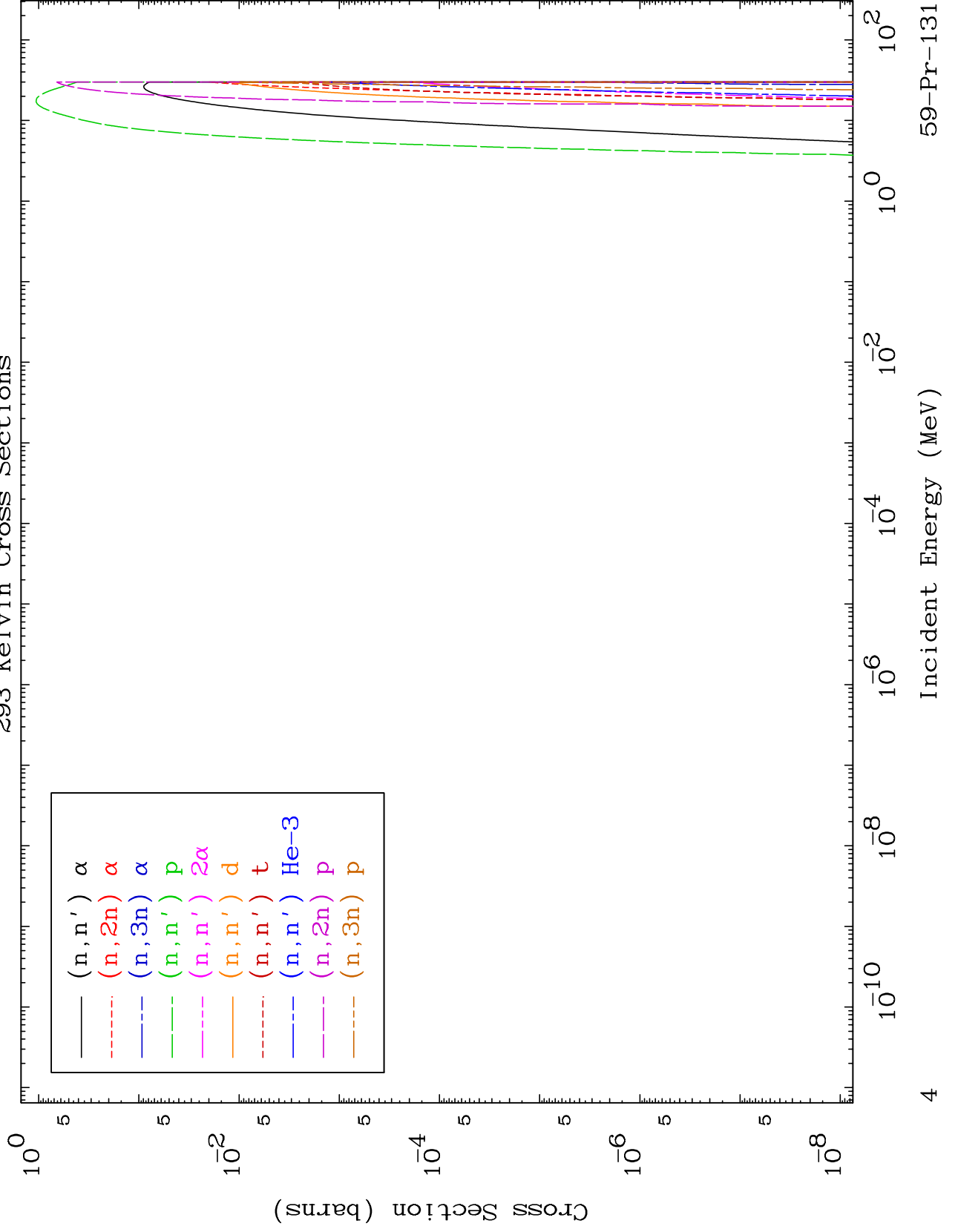




MAT 5896

Charged Particle
293 Kelvin Cross Sections

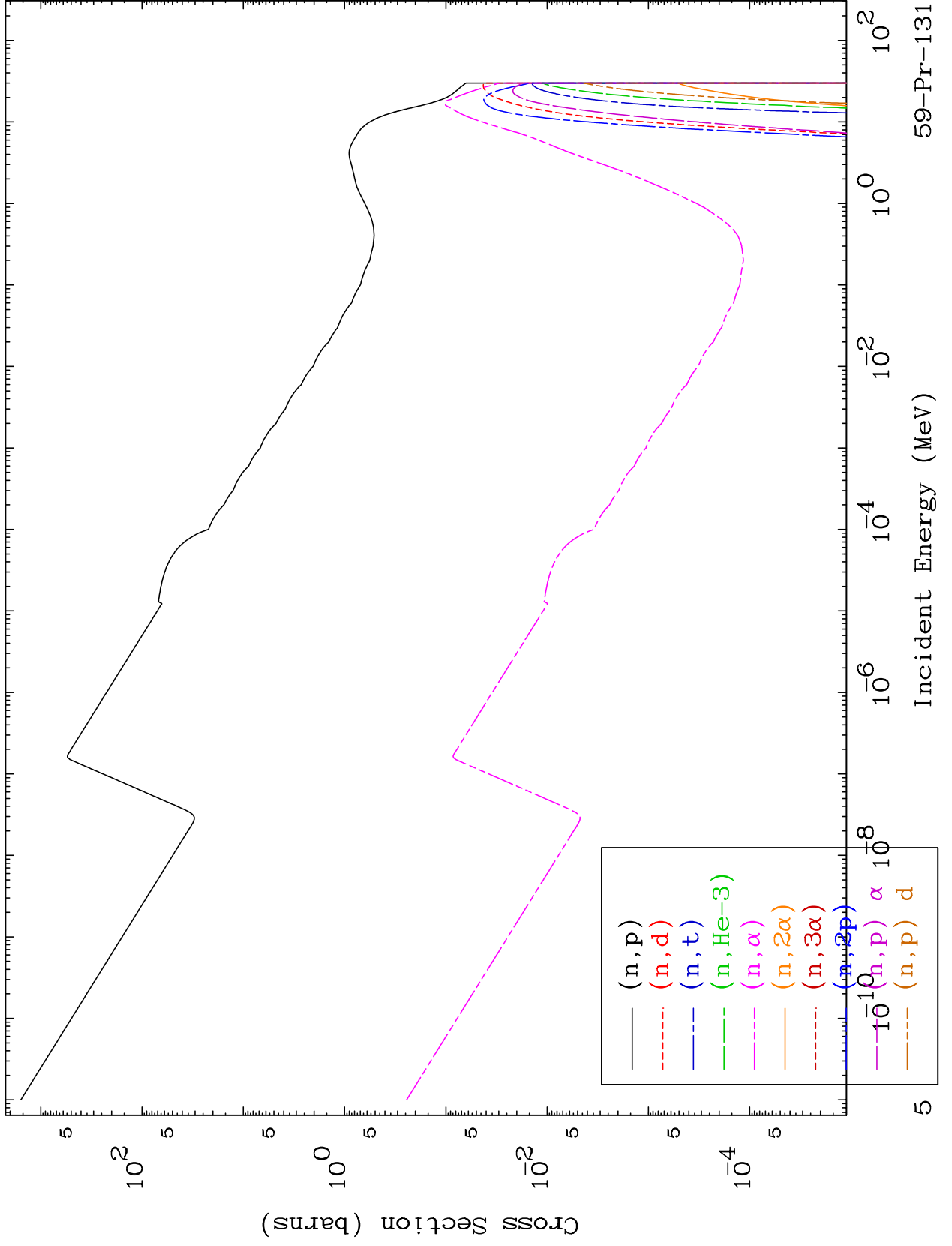
59-Pr-131

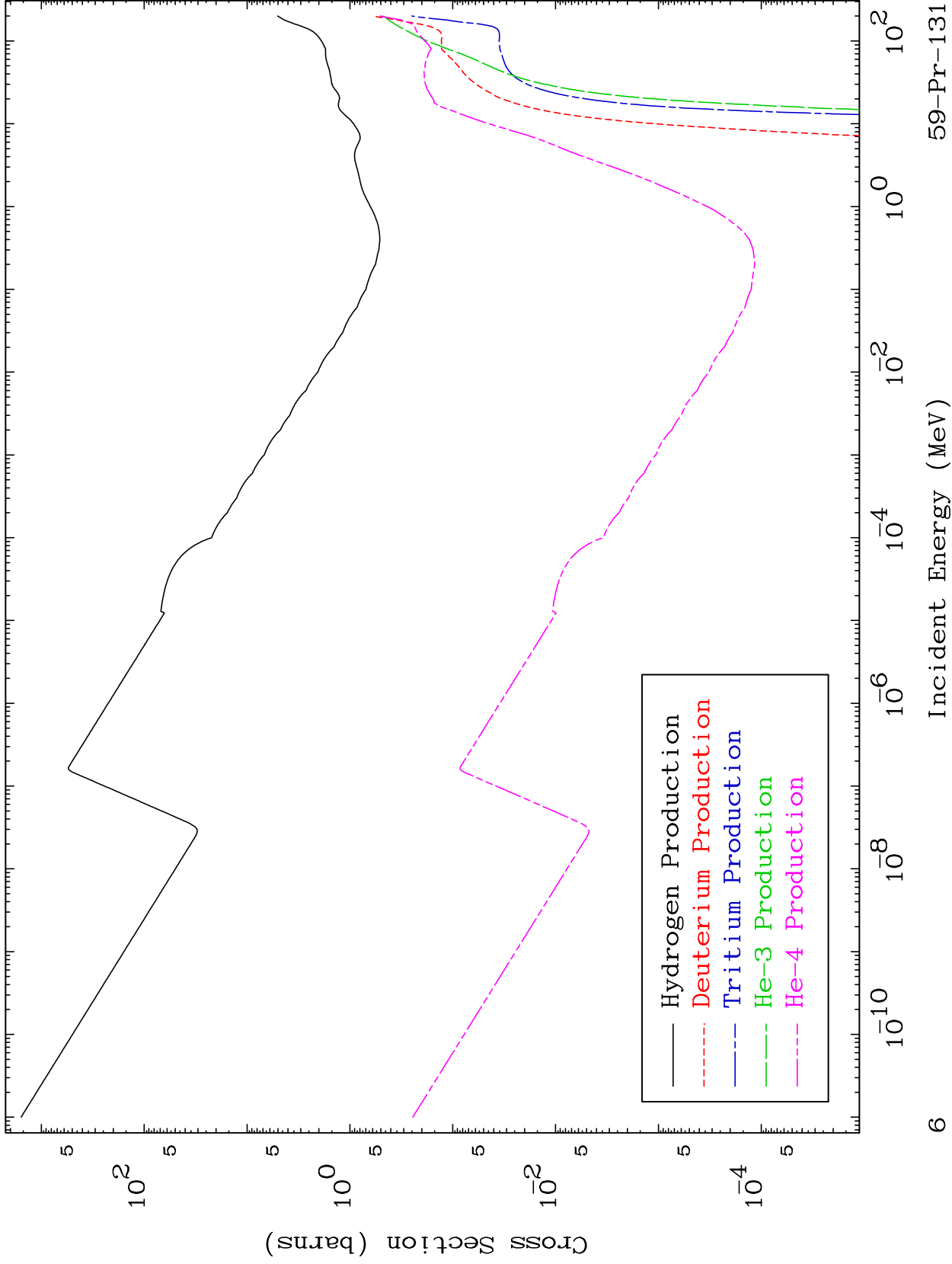


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Charged Particle
293 Kelvin Cross Sections

59-Pr-131



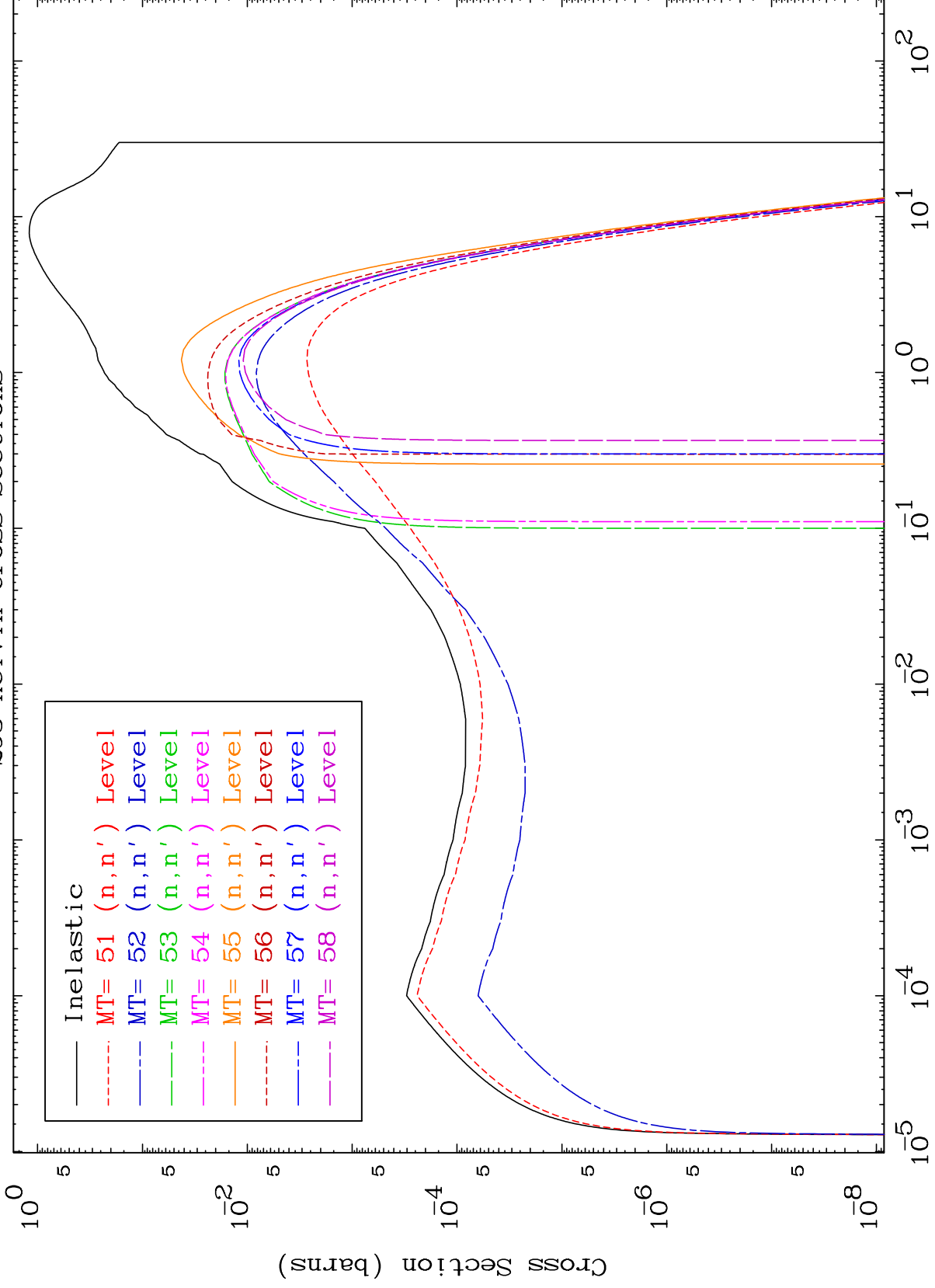


MAT 5896

(n,n') Level

59-Pr-131

293 Kelvin Cross Sections

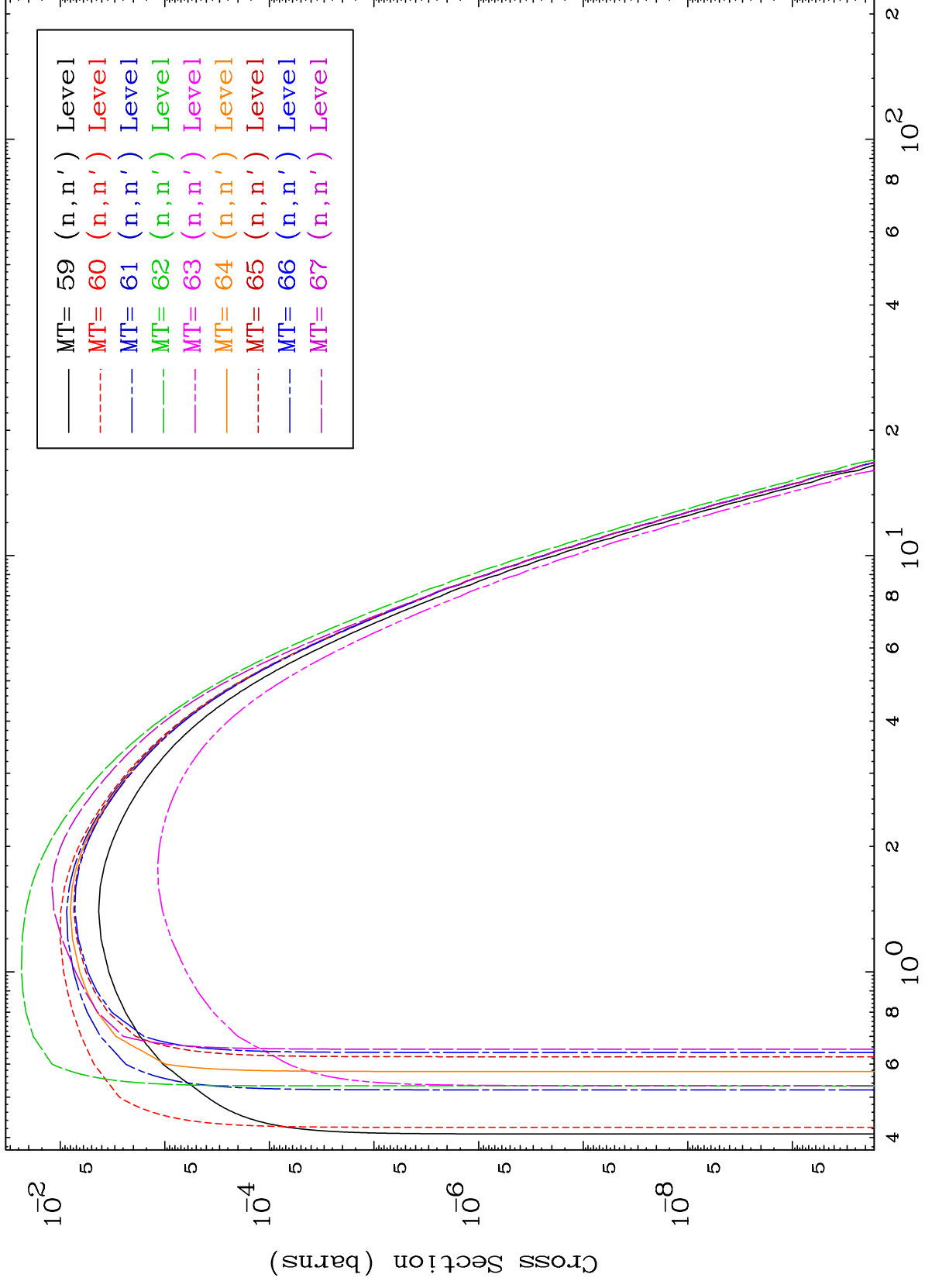


MAT 5896

(n,n') Level

59-Pr-131

293 Kelvin Cross Sections

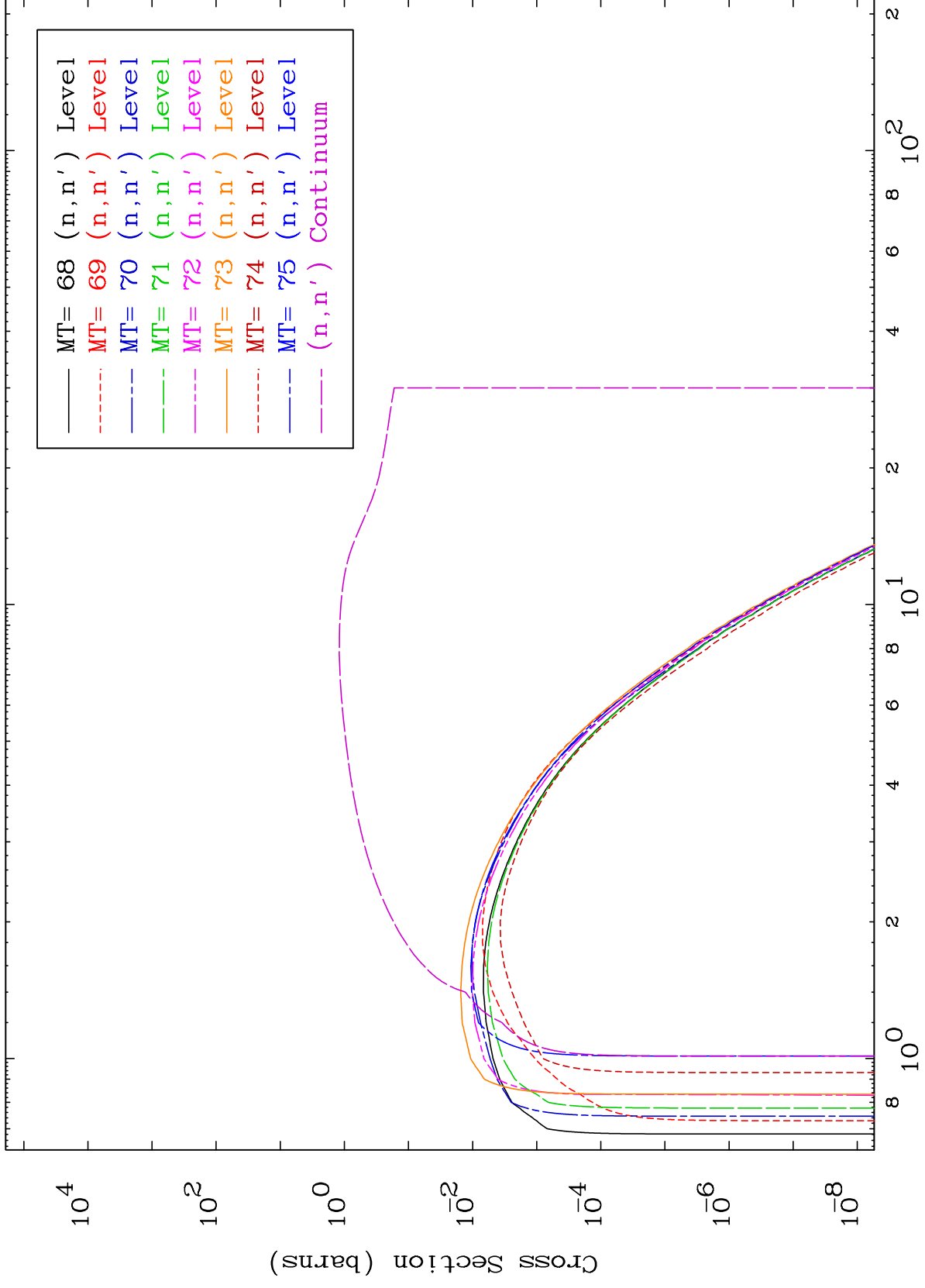


Incident Energy (MeV)

59-Pr-131

8

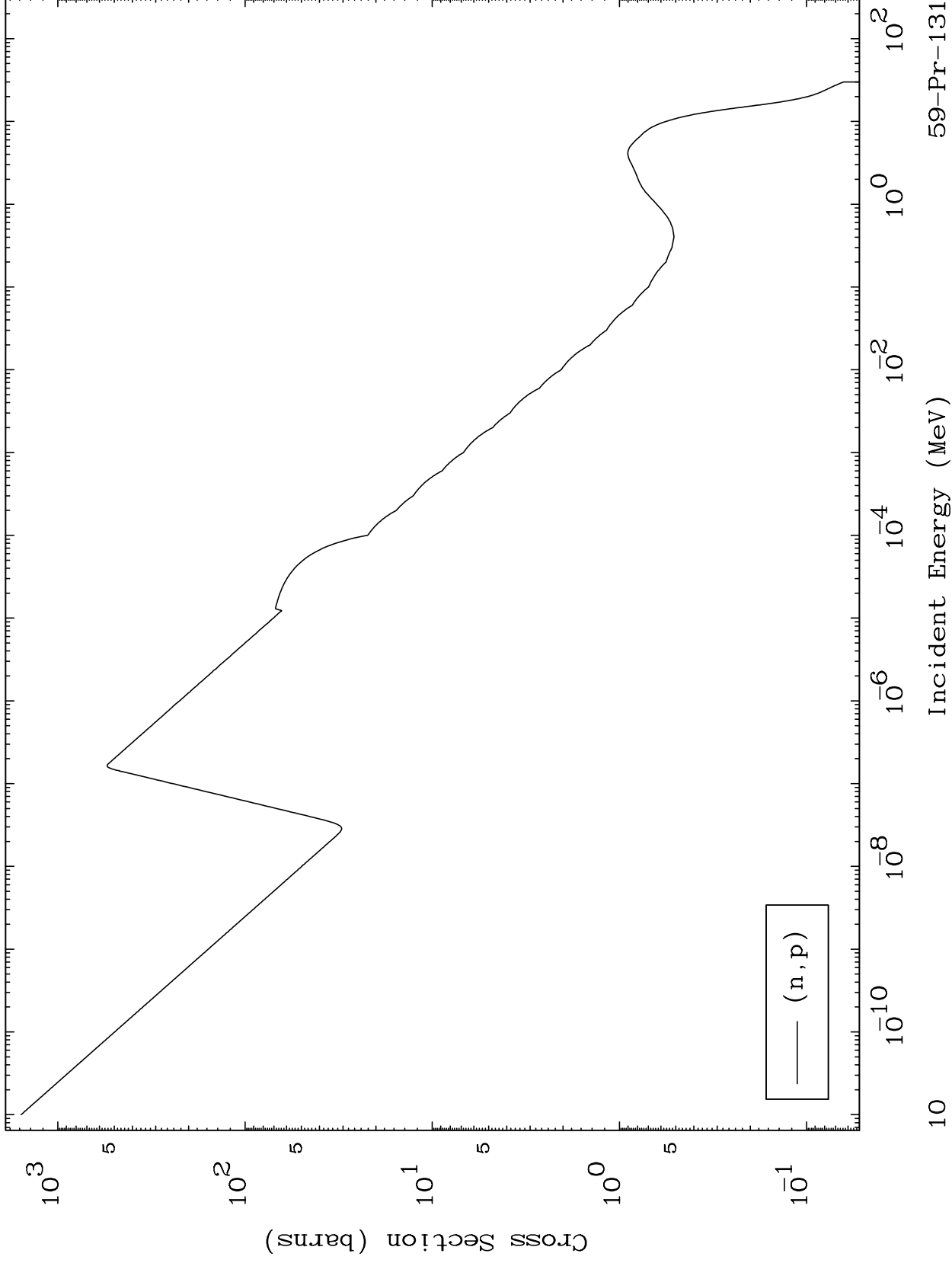
293 Kelvin Cross Sections



MAT 5896

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-131



10

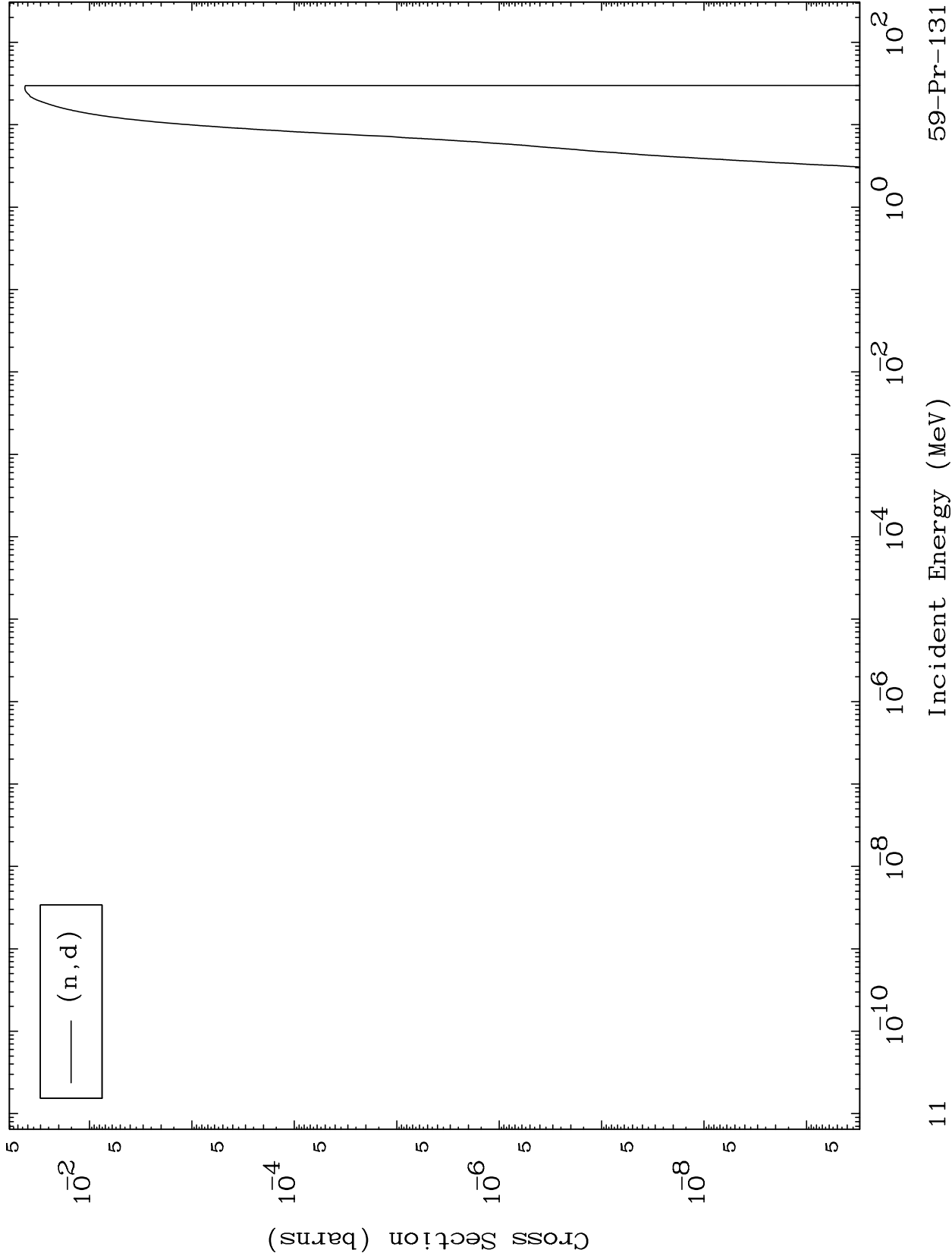
Incident Energy (MeV)

59-Pr-131

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(n,d) Levels
293 Kelvin Cross Sections

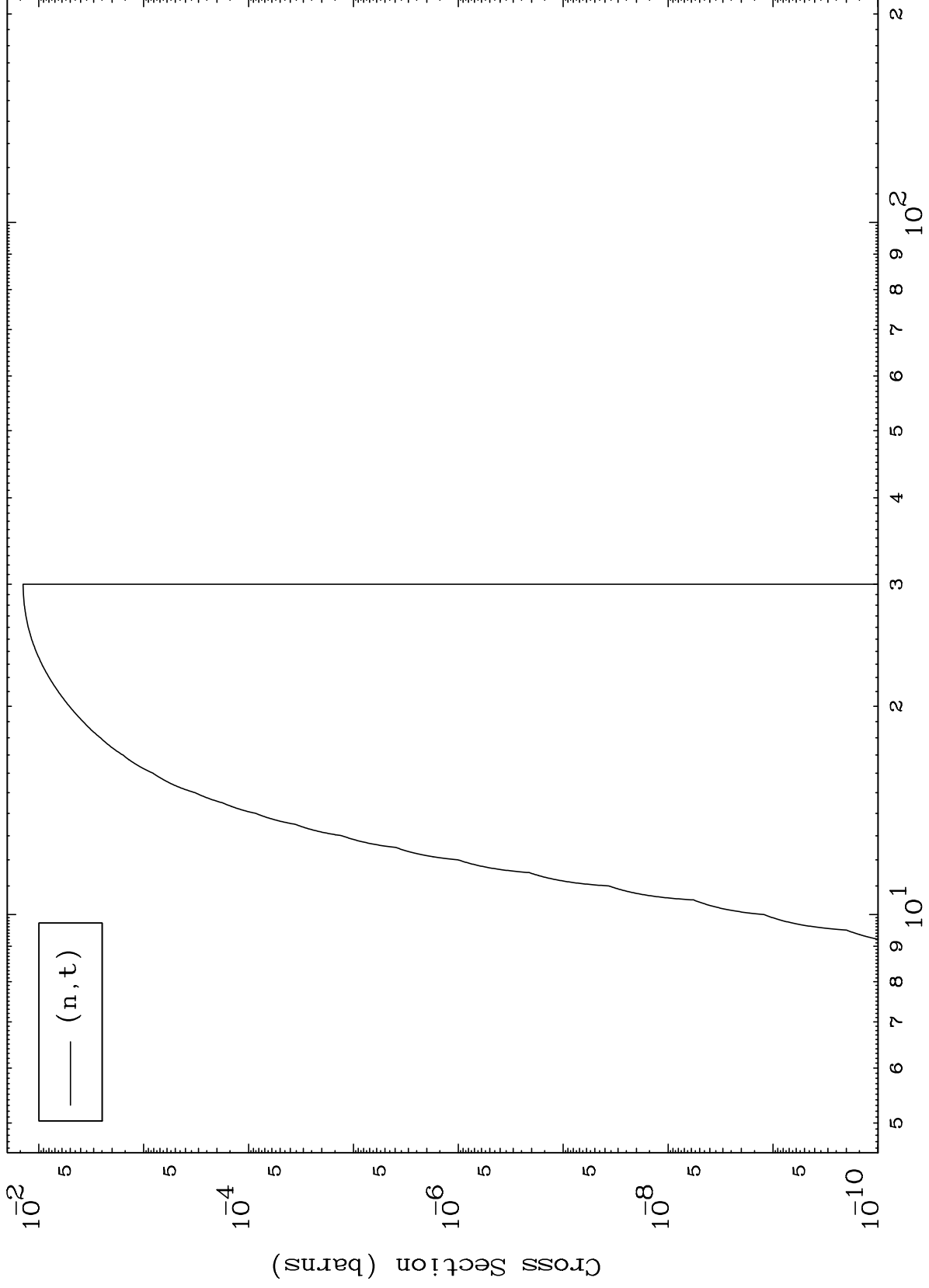
59-Pr-131



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(n,t) Levels
293 Kelvin Cross Sections

59-Pr-131



12

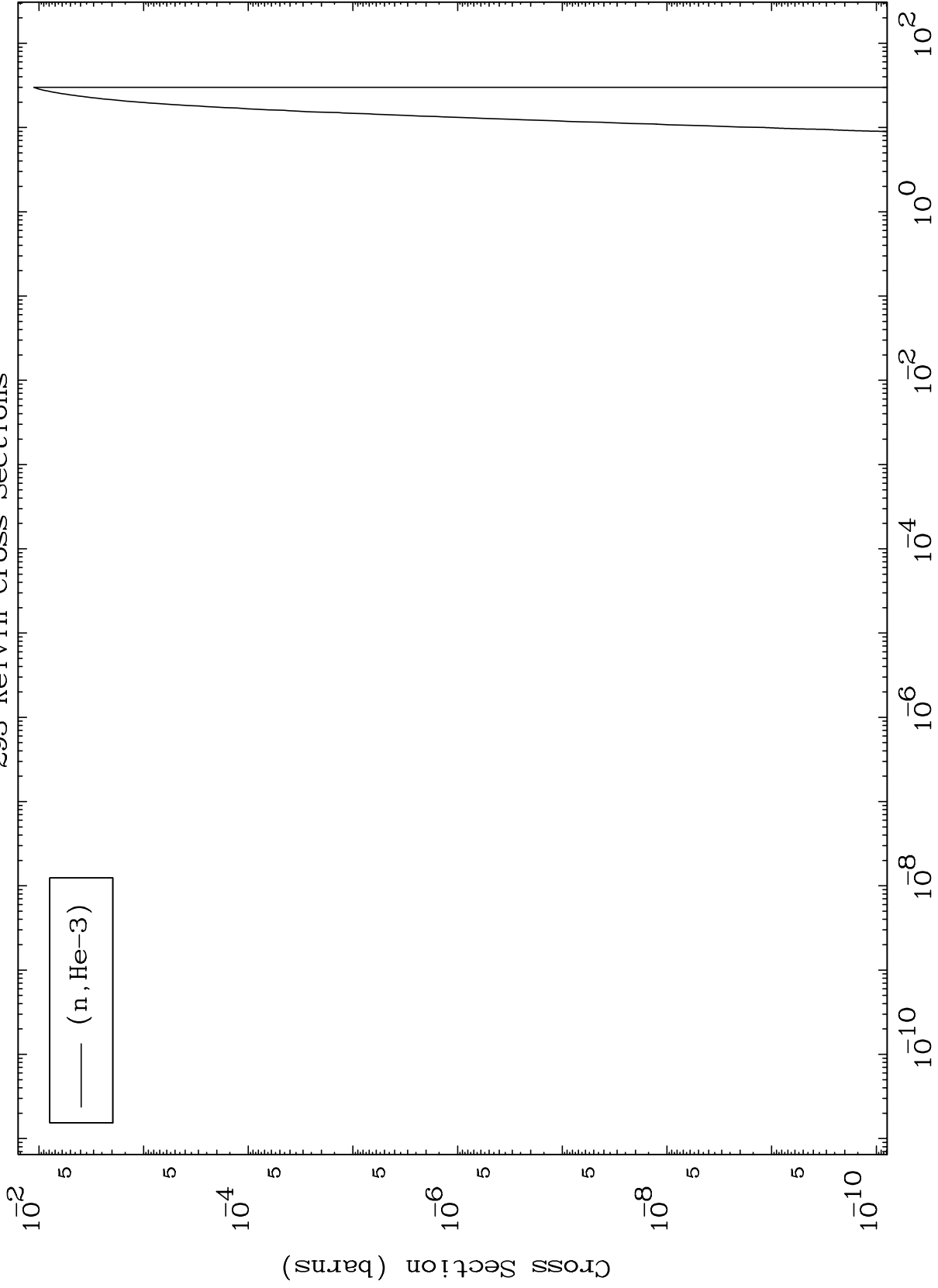
Incident Energy (MeV)

59-Pr-131

MAT 5896

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-131



13

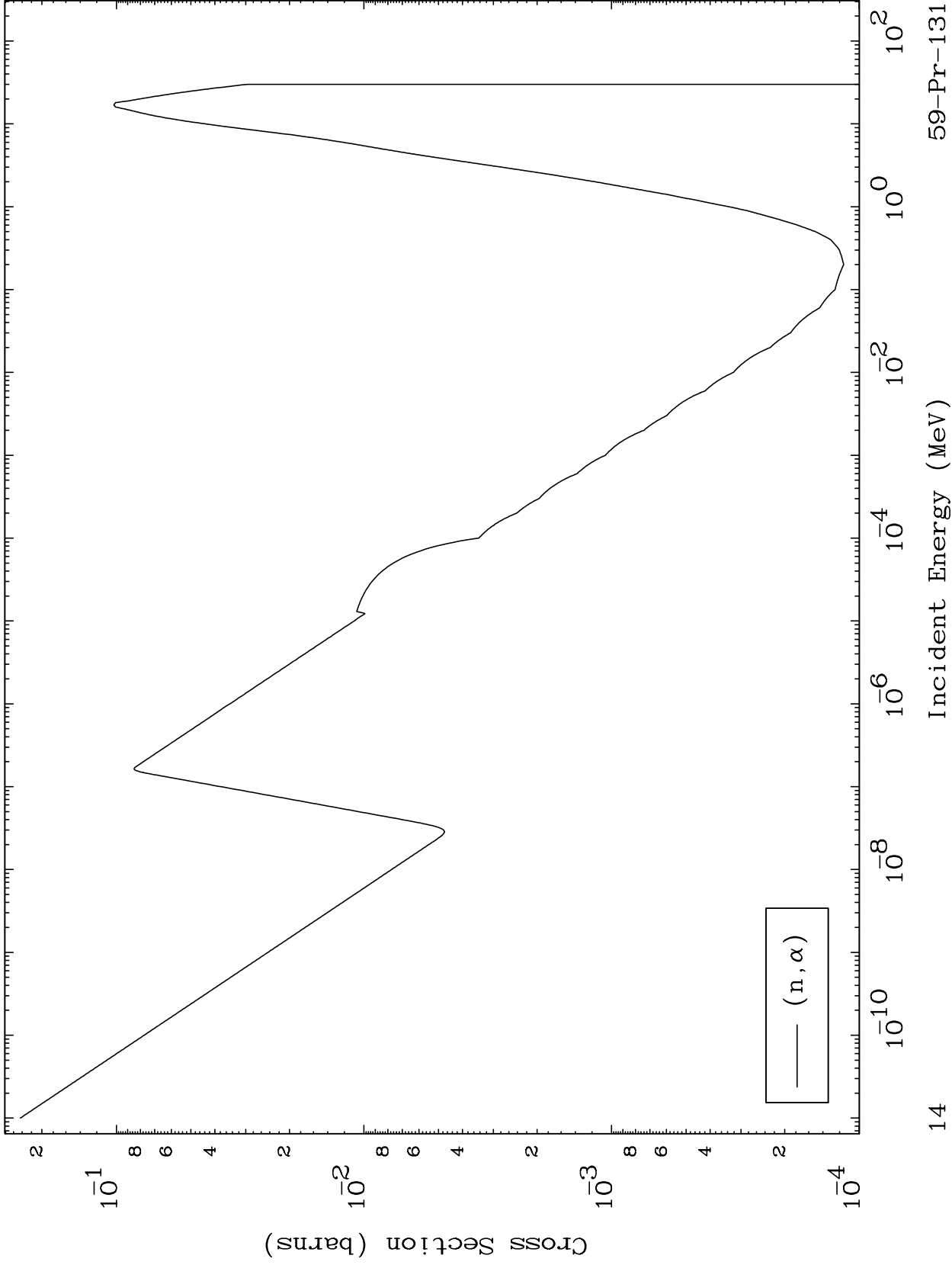
59-Pr-131

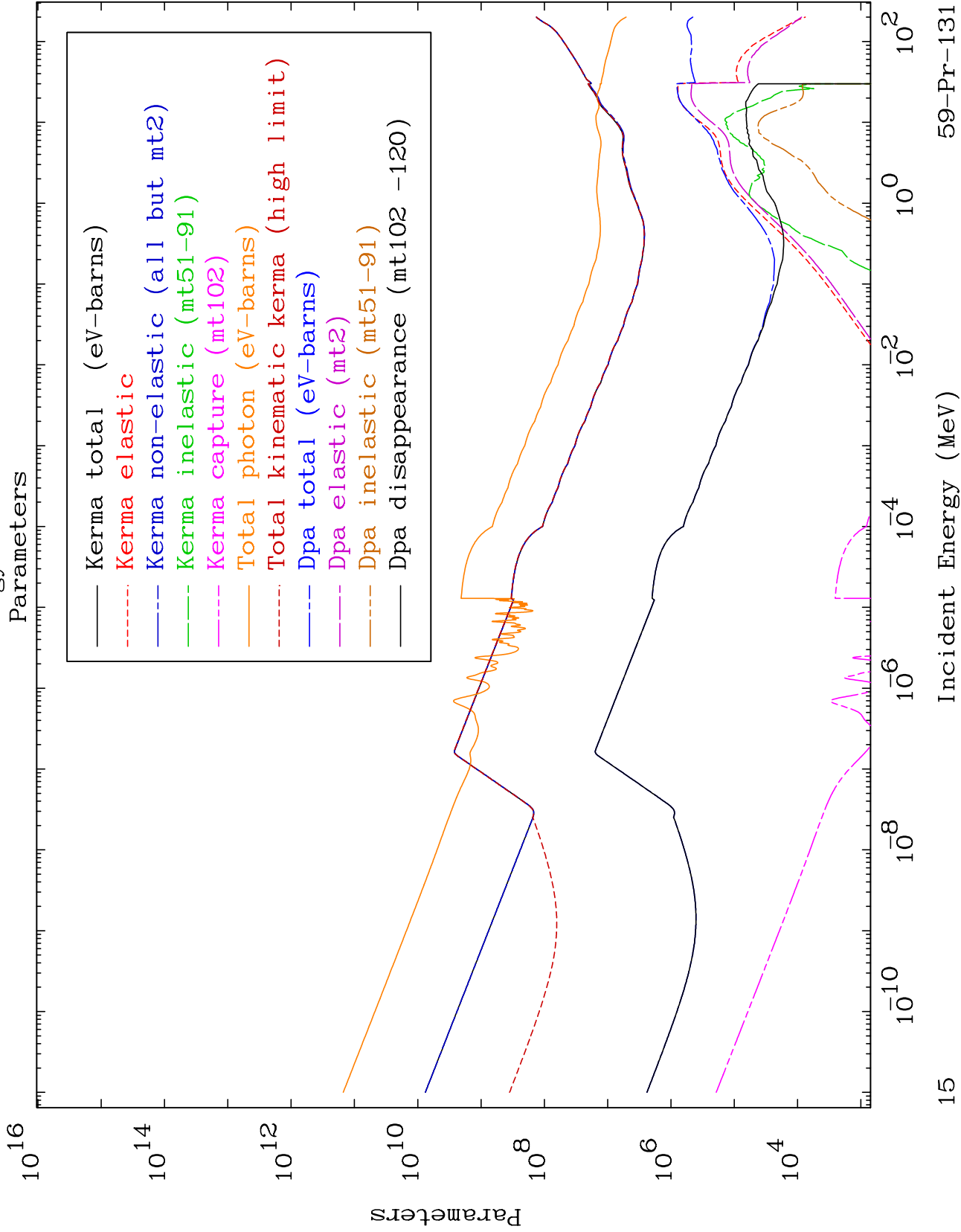
Incident Energy (MeV)

MAT 5896

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-131

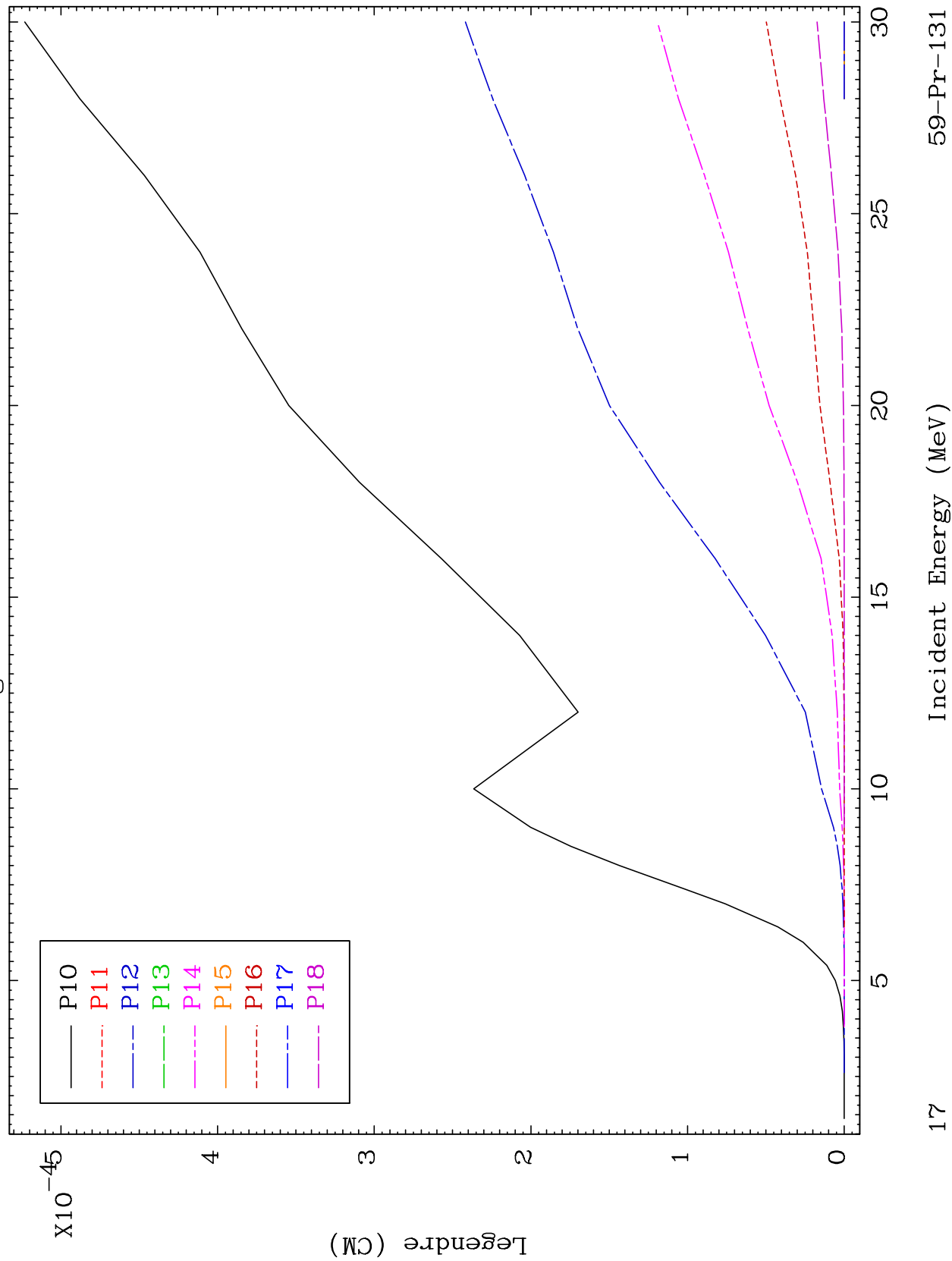




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Elastic Legendre Coefficients

59-Pr-131



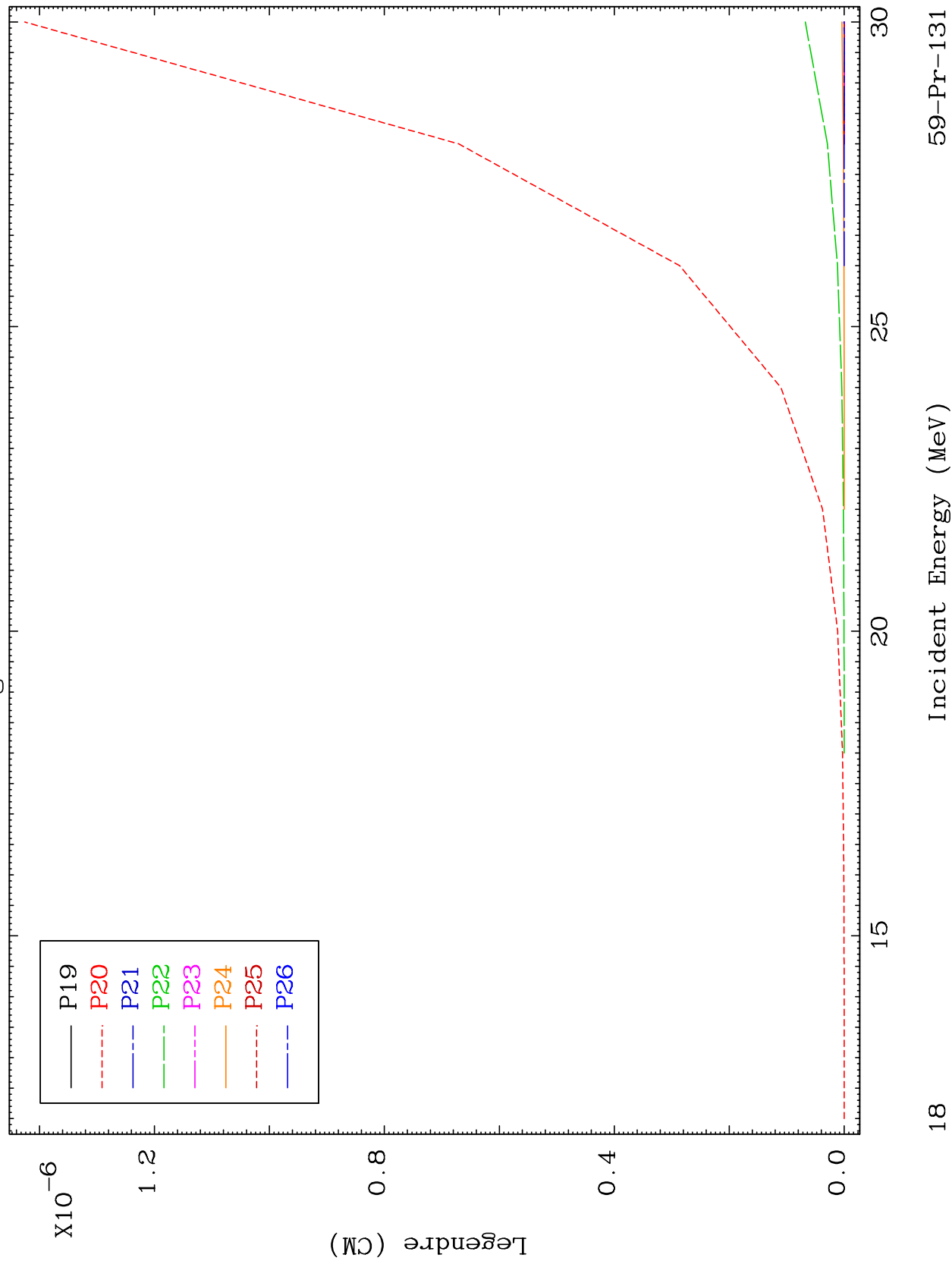
17

59-Pr-131

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Elastic Legendre Coefficients

59-Pr-131



18

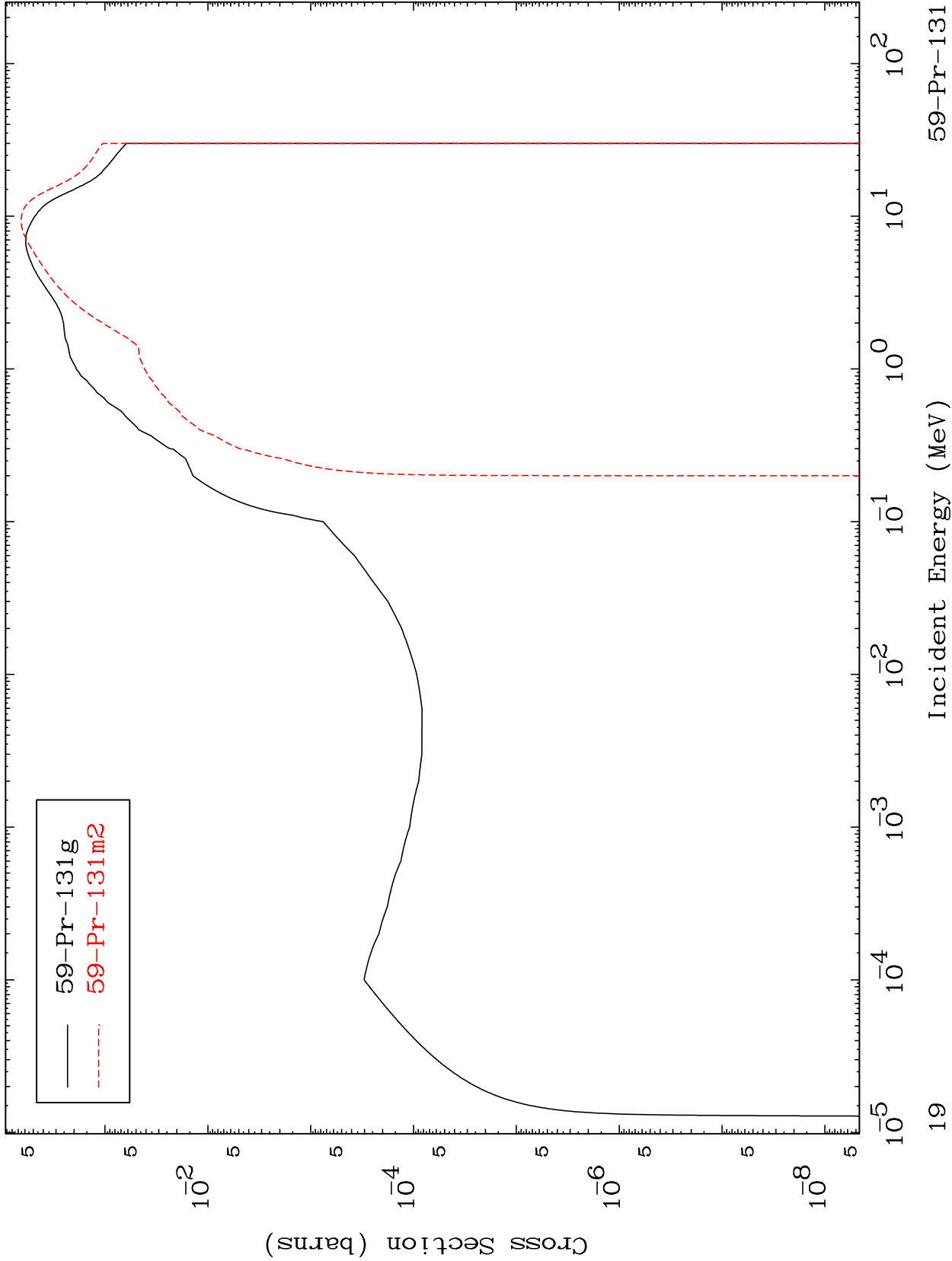
Incident Energy (MeV)

59-Pr-131

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59-Pr-131

Inelastic
Radionuclide Production Cross Section



19

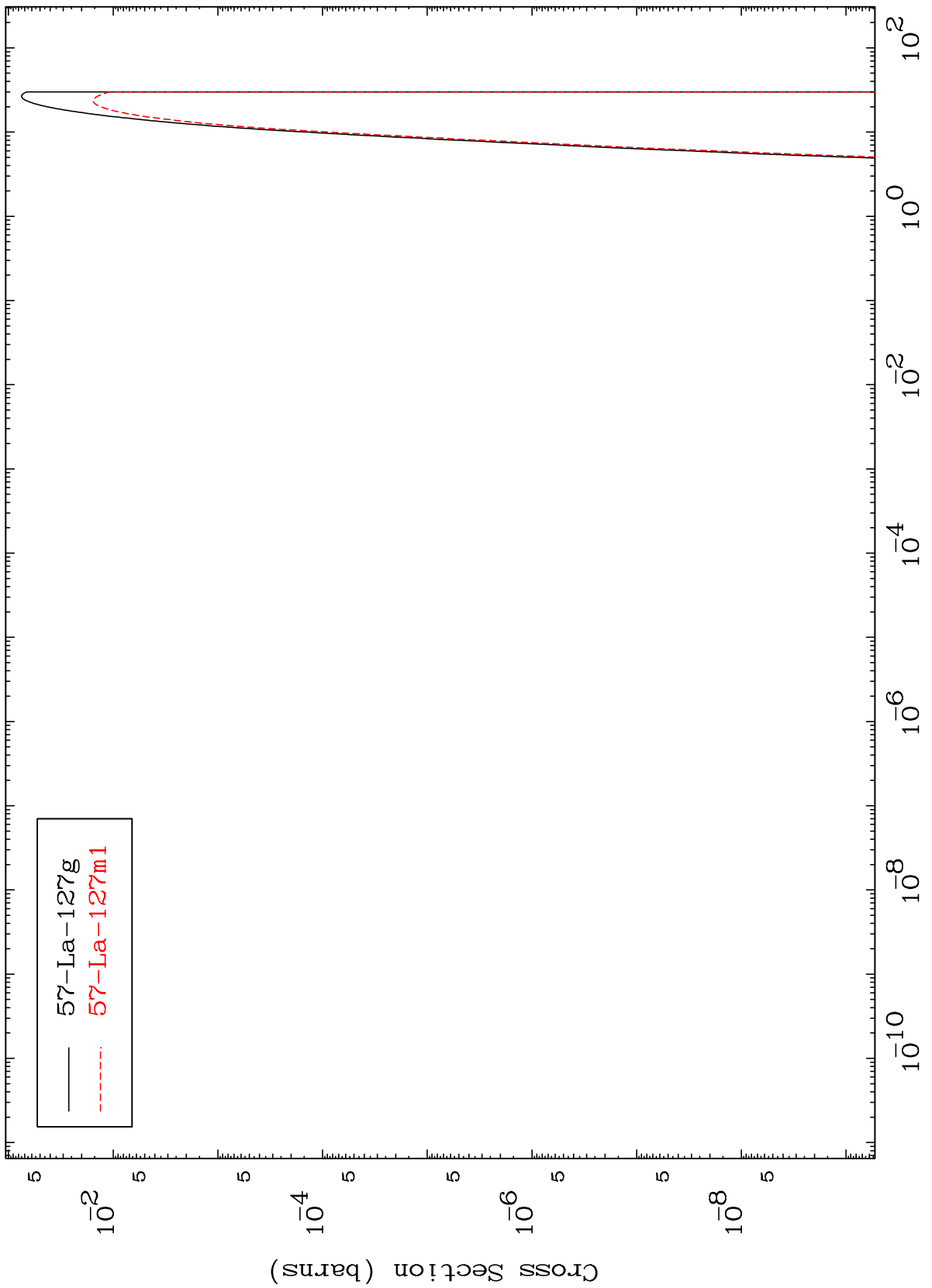
59-Pr-131

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$(n, n') \alpha$

59-Pr-131

Radionuclide Production Cross Section

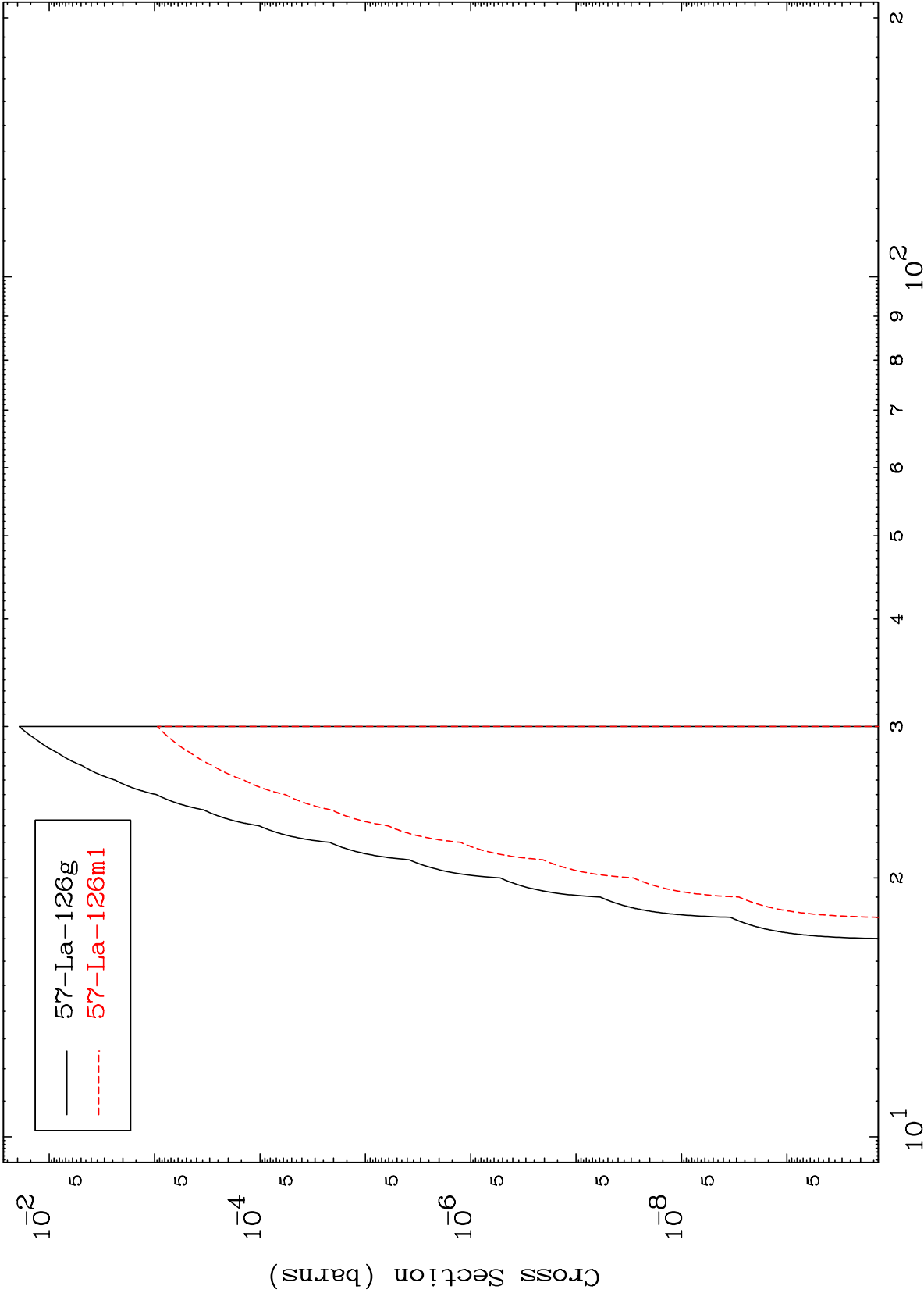


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(n,2n) α

59-Pr-131

Radionuclide Production Cross Section



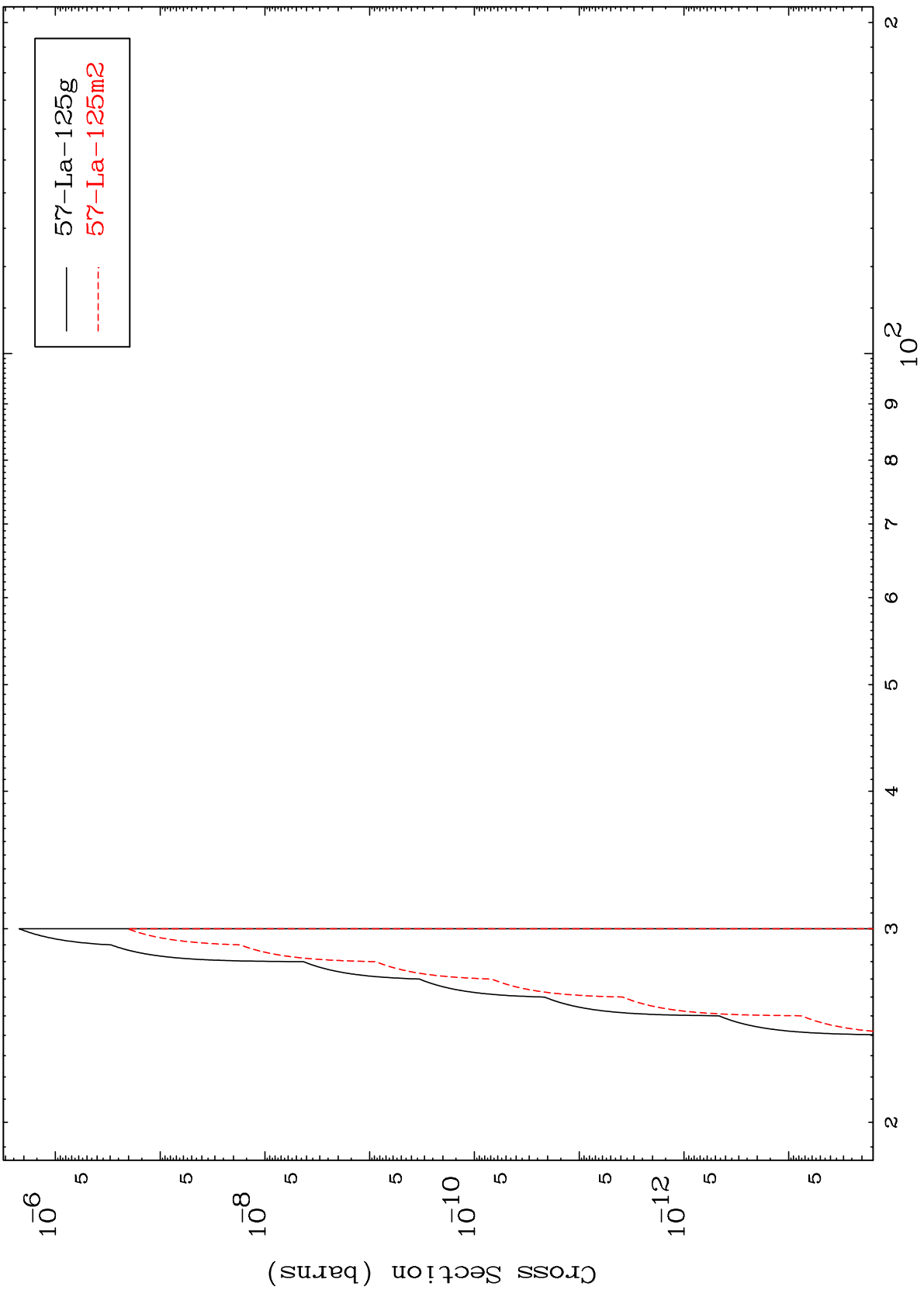
57-La-126g
57-La-126m1

21

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section

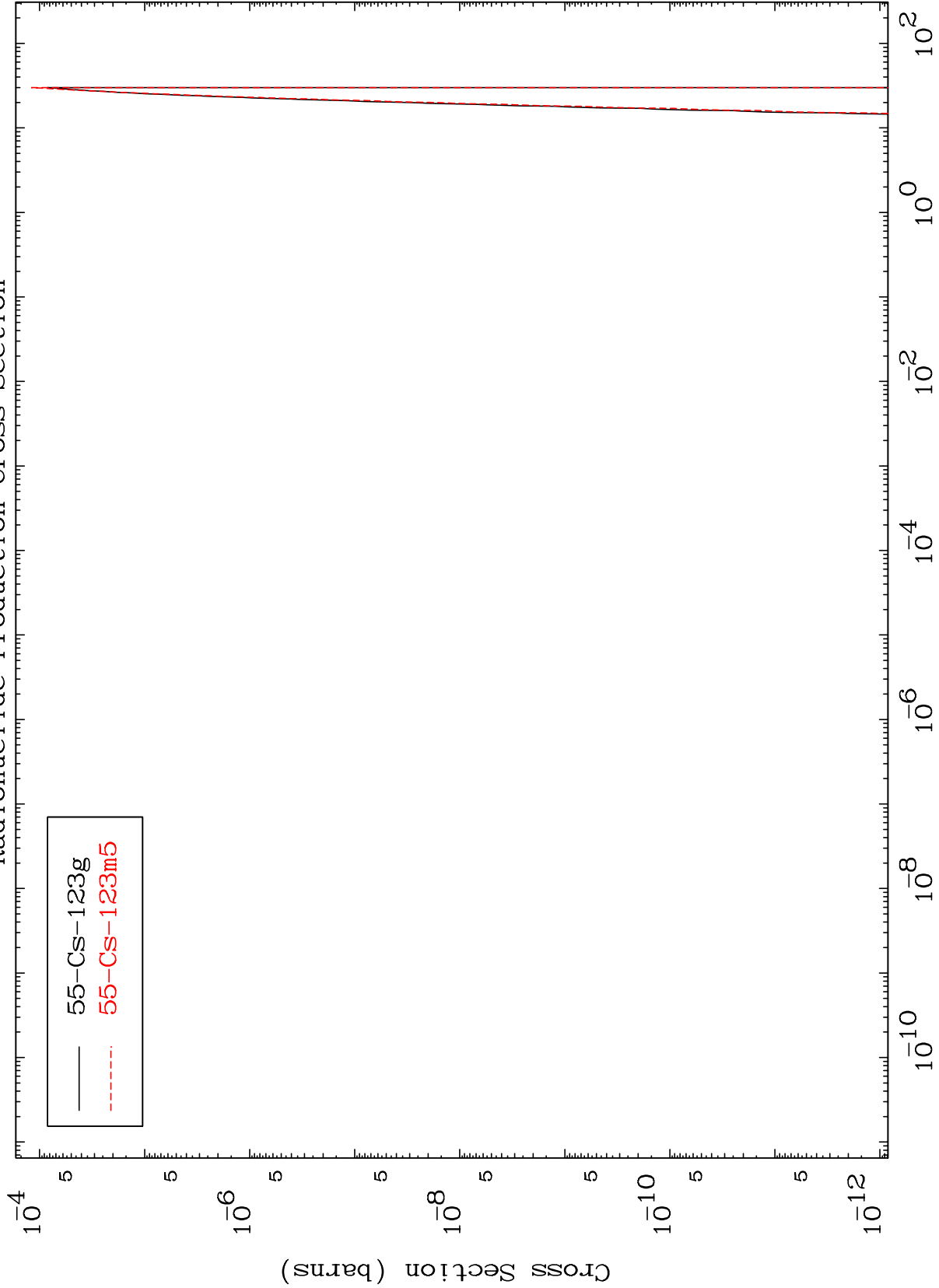


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(n,n') 2 α

59-Pr-131

Radionuclide Production Cross Section



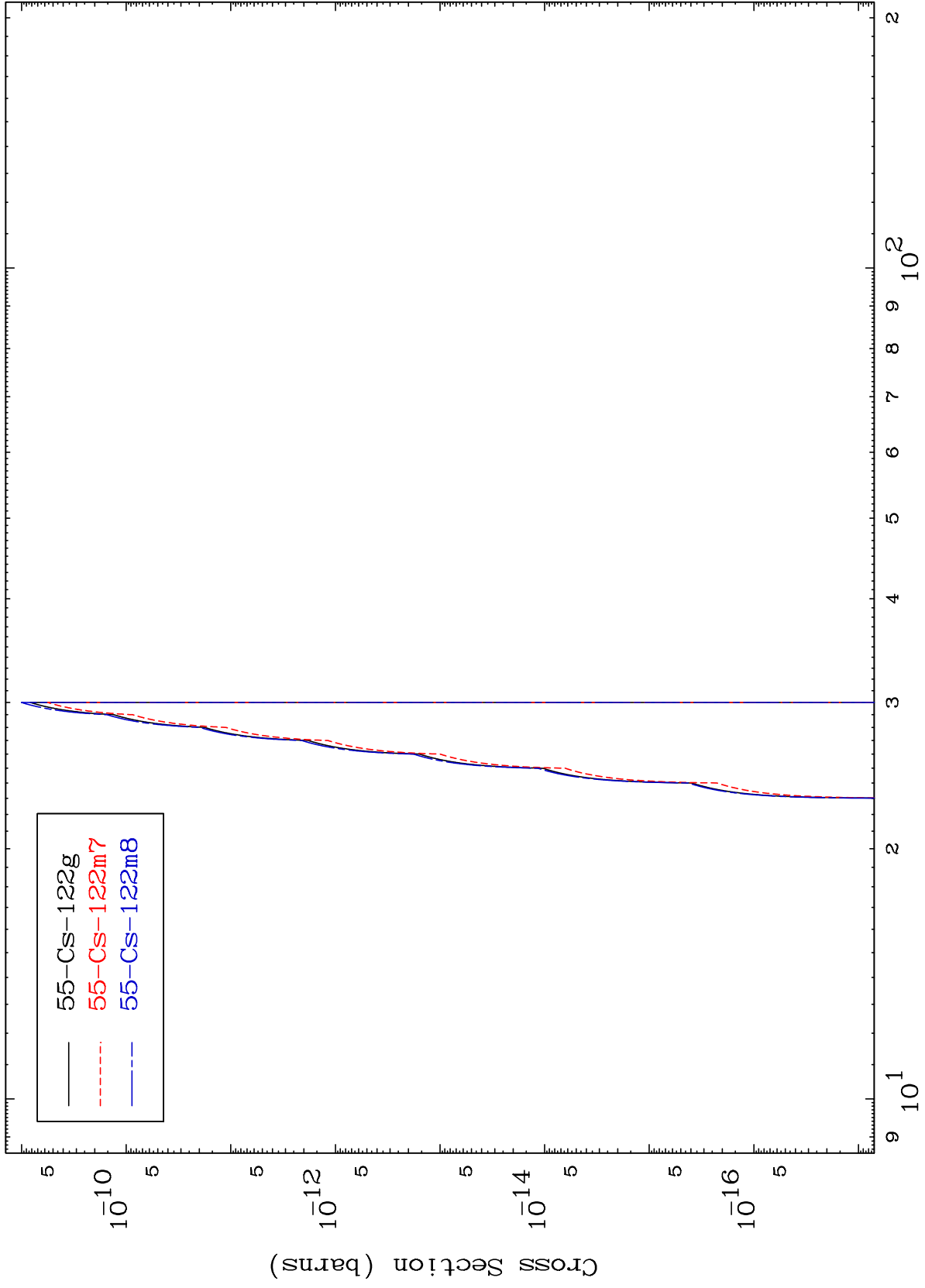
55-Cs-123g
55-Cs-123m5

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(n,2n) 2α

59-Pr-131

Radionuclide Production Cross Section

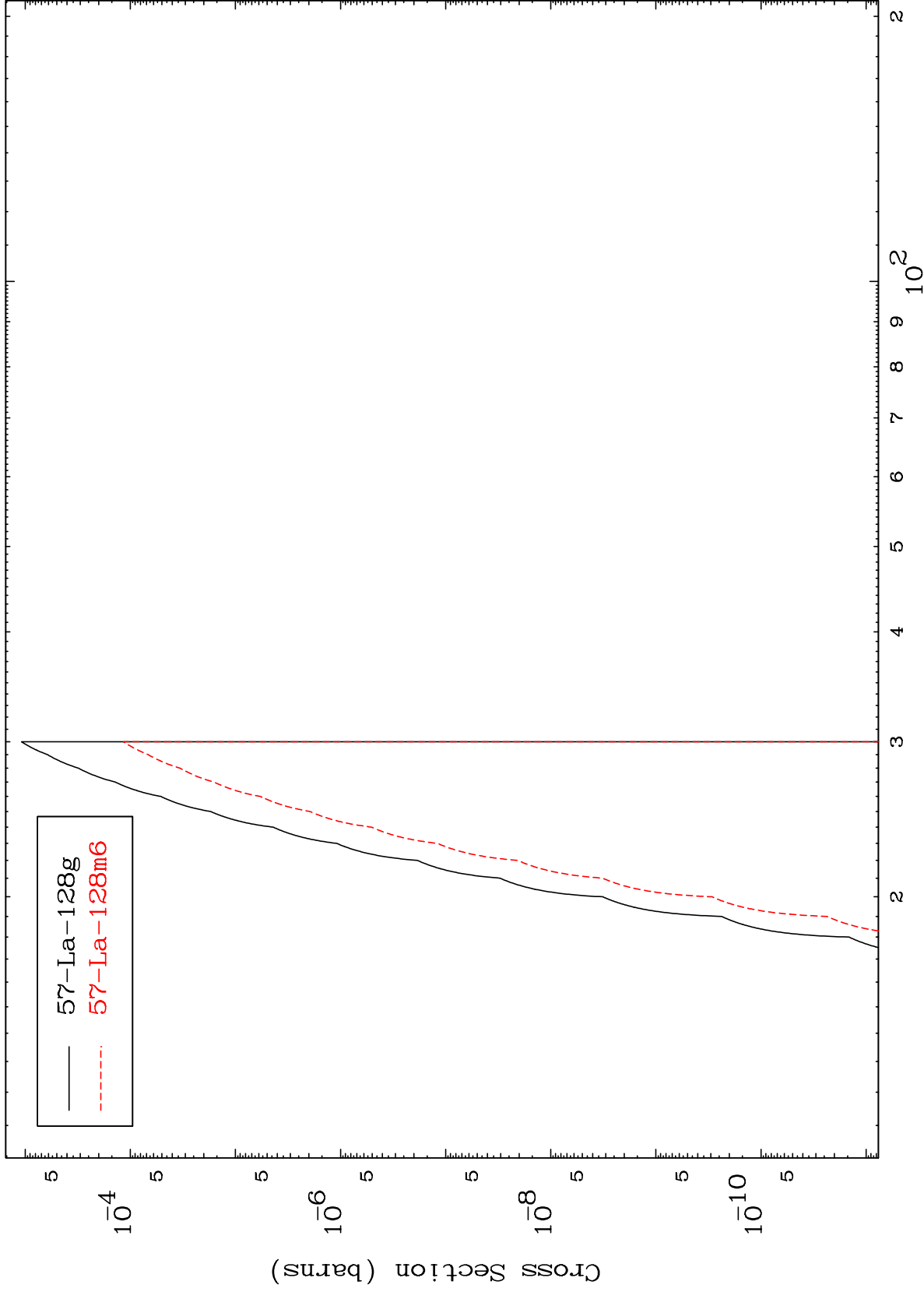


24

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section

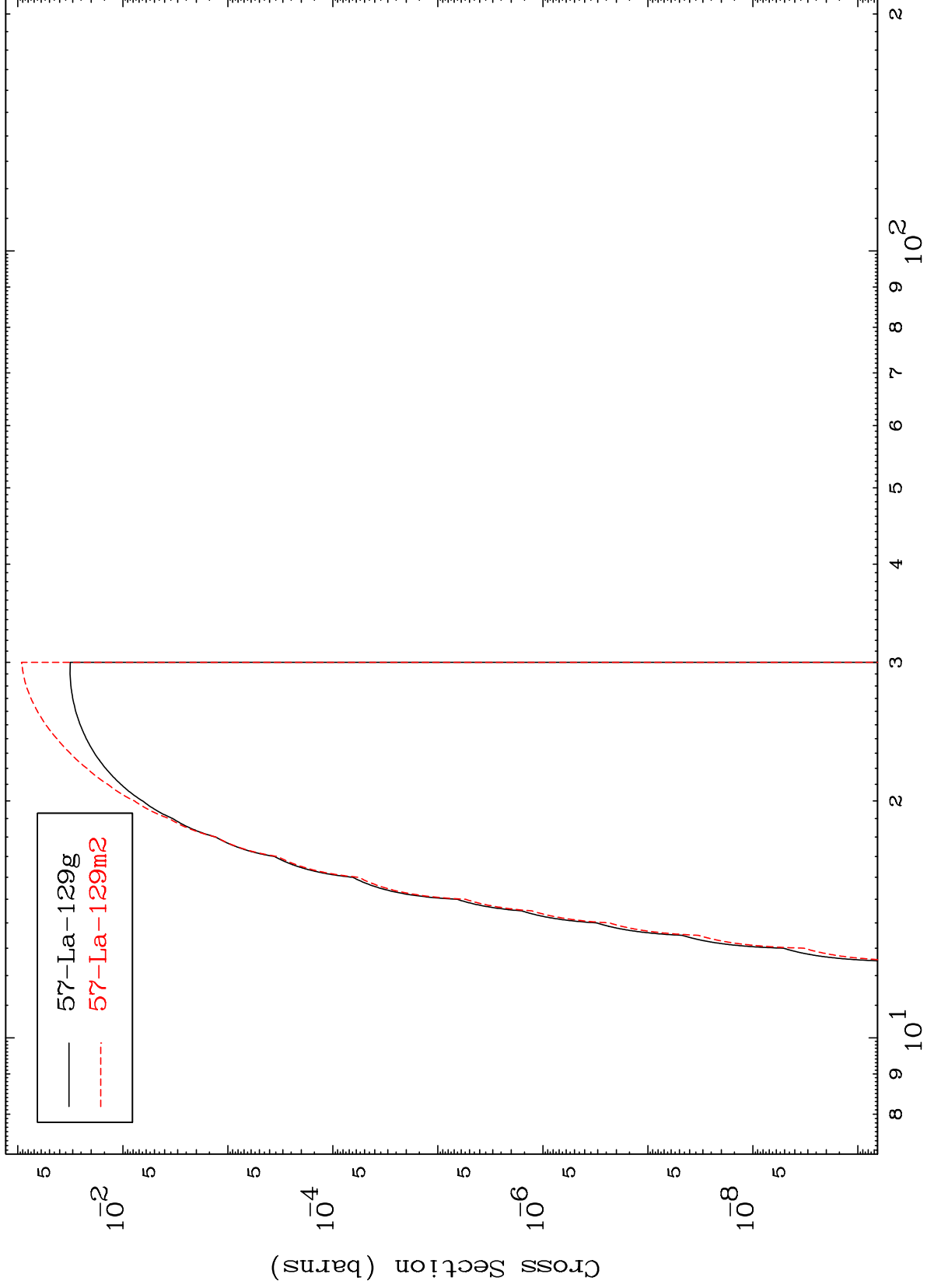


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(n,2n) p

59-Pr-131

Radionuclide Production Cross Section



26

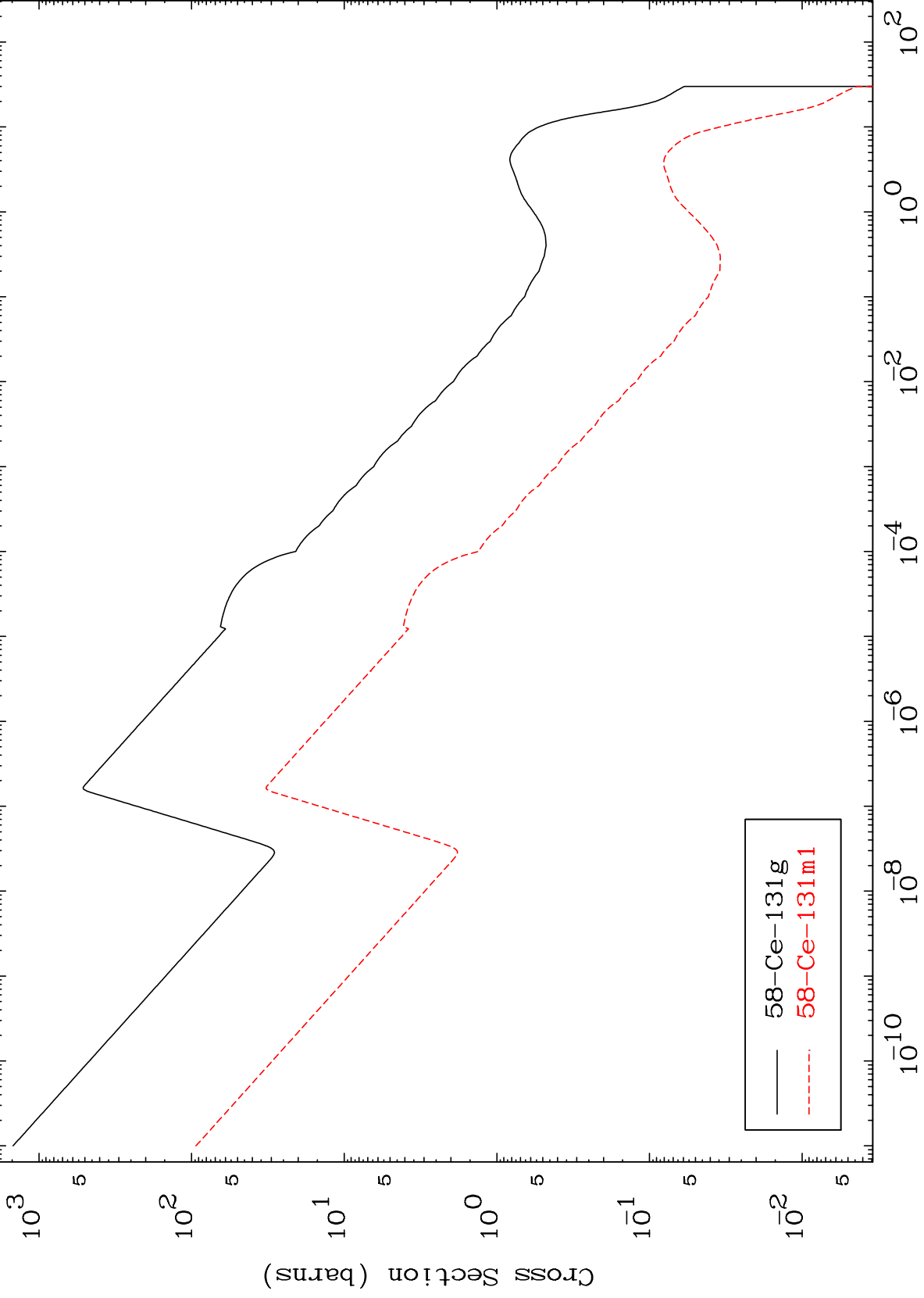
Incident Energy (MeV)

59-Pr-131

MAT 5896

59-Pr-131

(n,p)
Radionuclide Production Cross Section



27

59-Pr-131

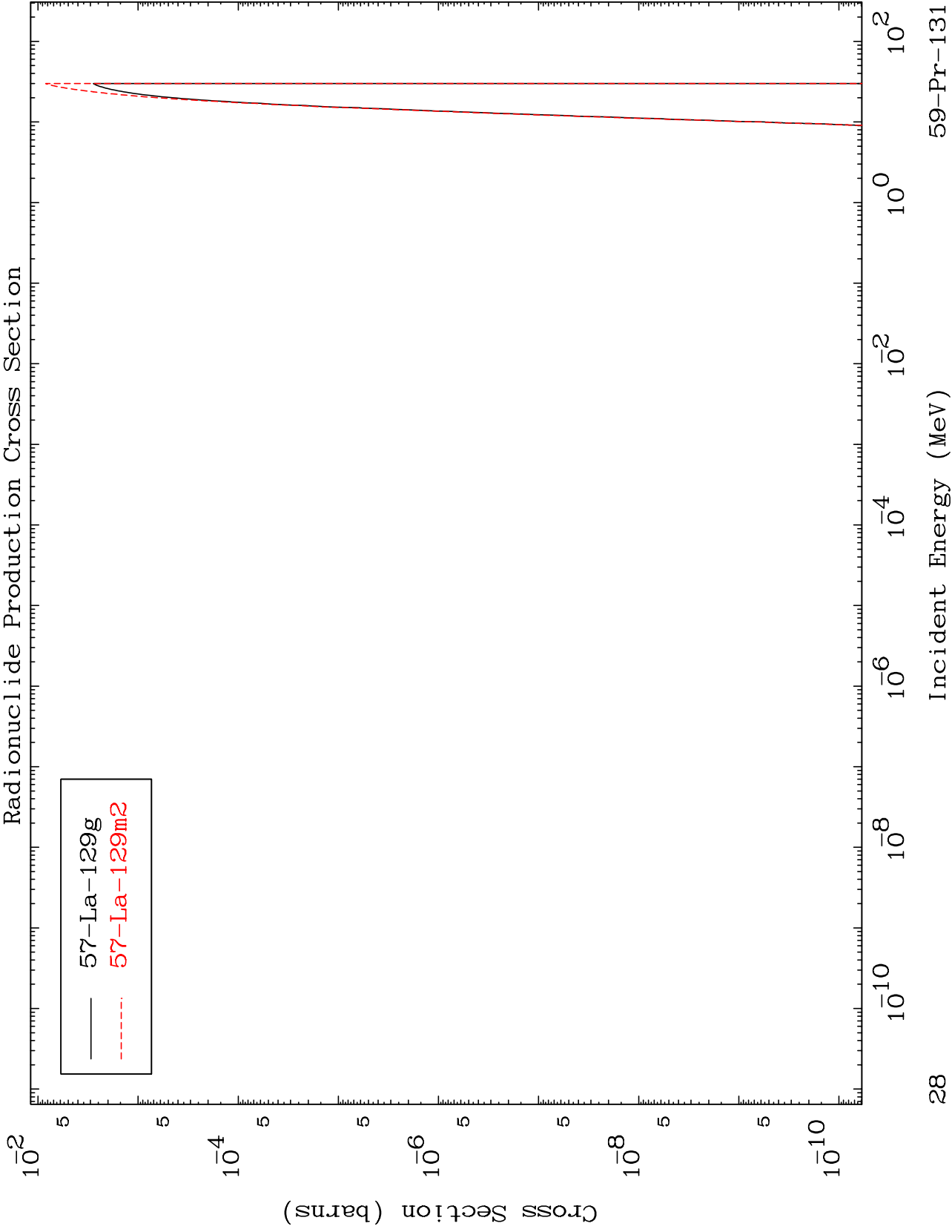
Incident Energy (MeV)

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(n,He-3)

59-Pr-131

Radionuclide Production Cross Section

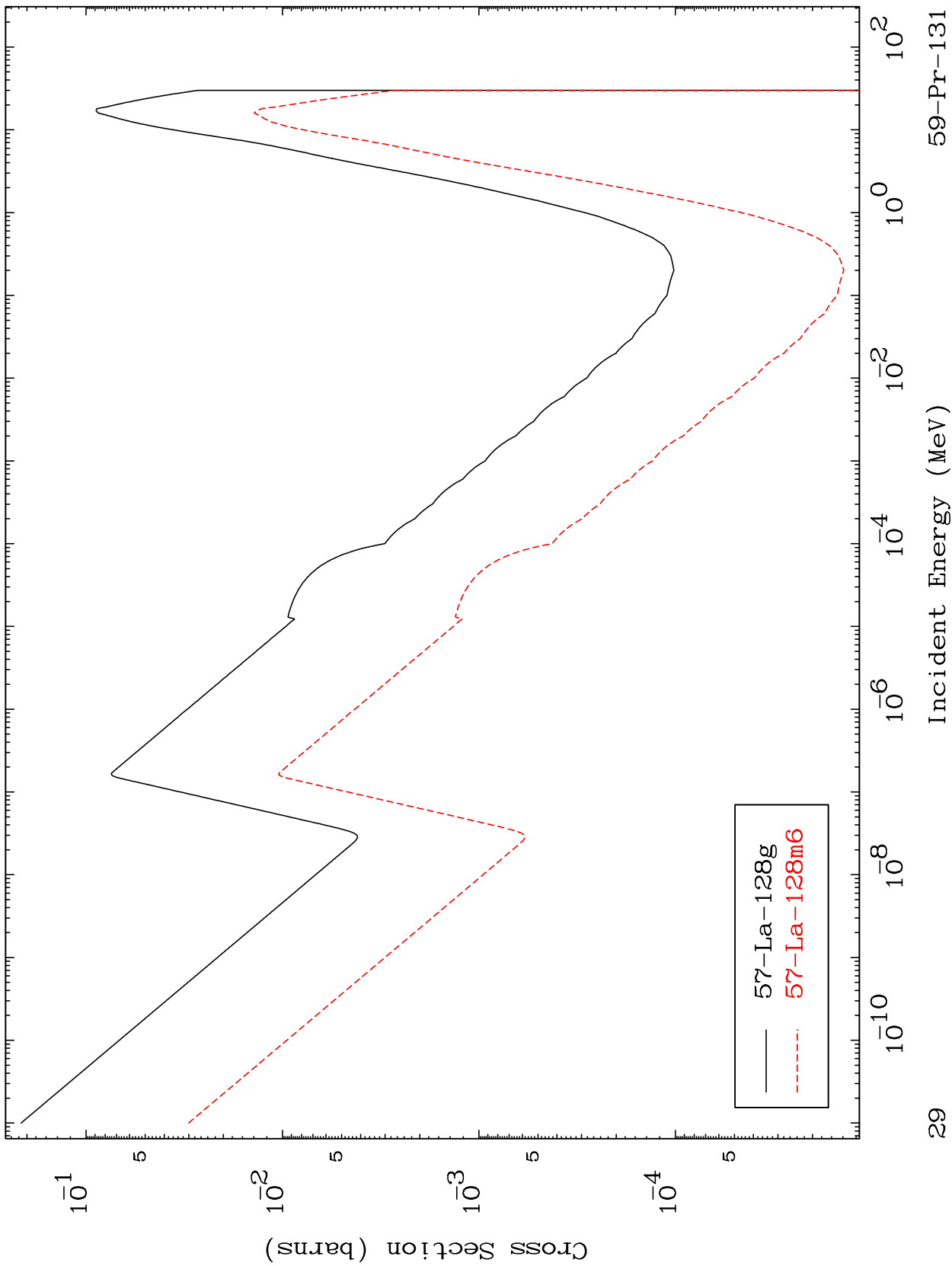


28

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section
(n, α)

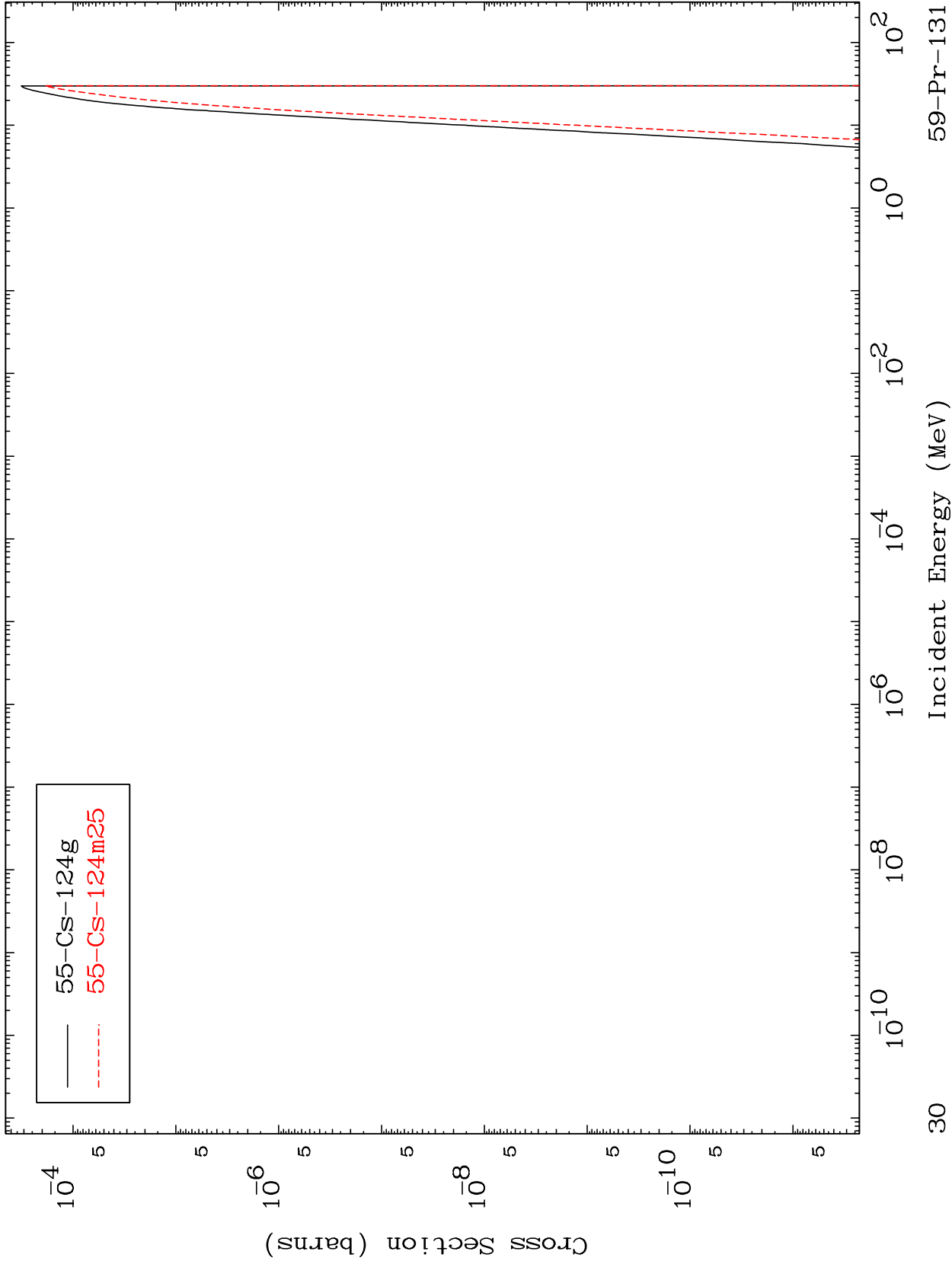


MAT 5896

(n,2α)

59-Pr-131

Radionuclide Production Cross Section

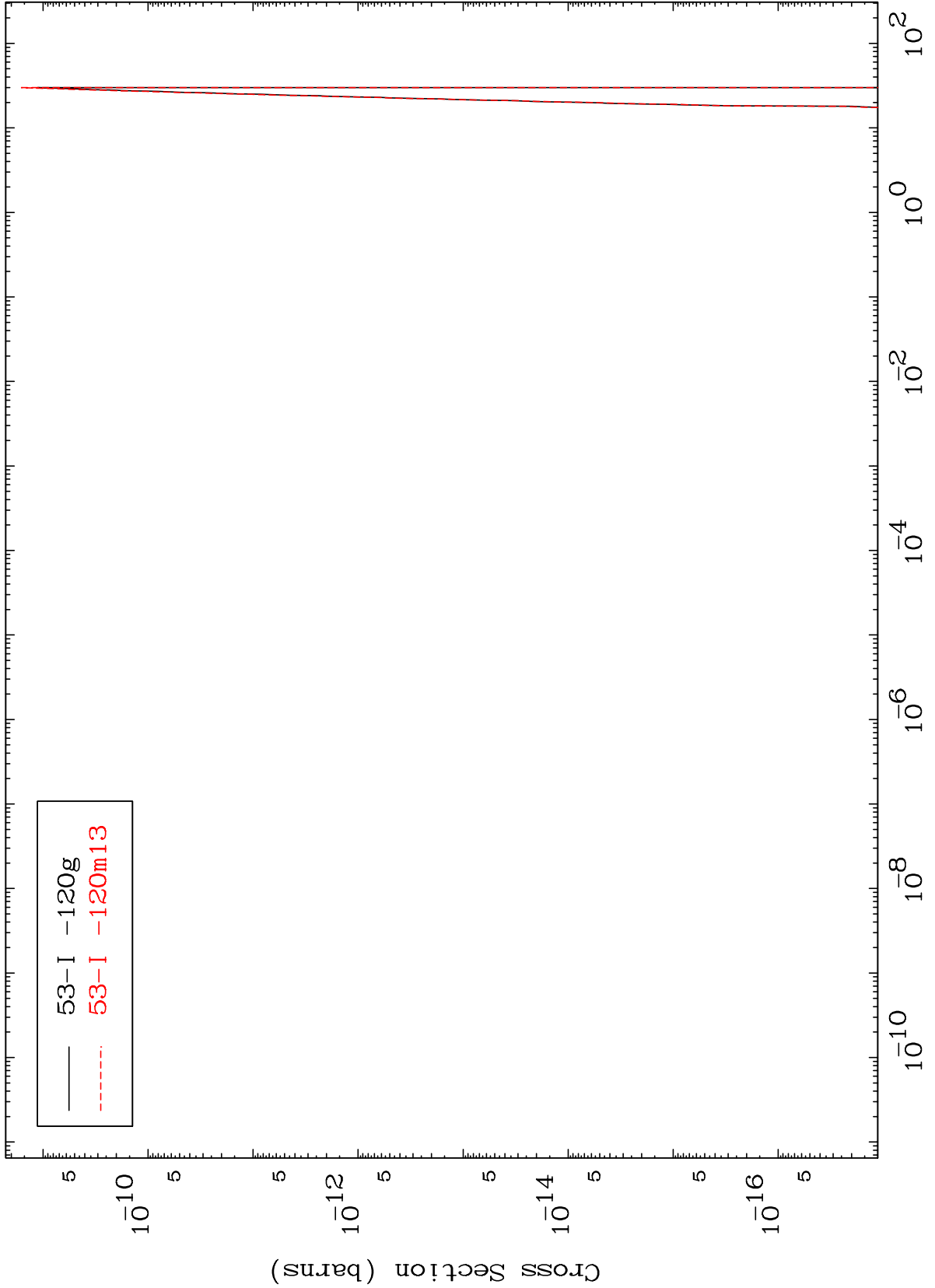


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(n,3α)

59-Pr-131

Radionuclide Production Cross Section

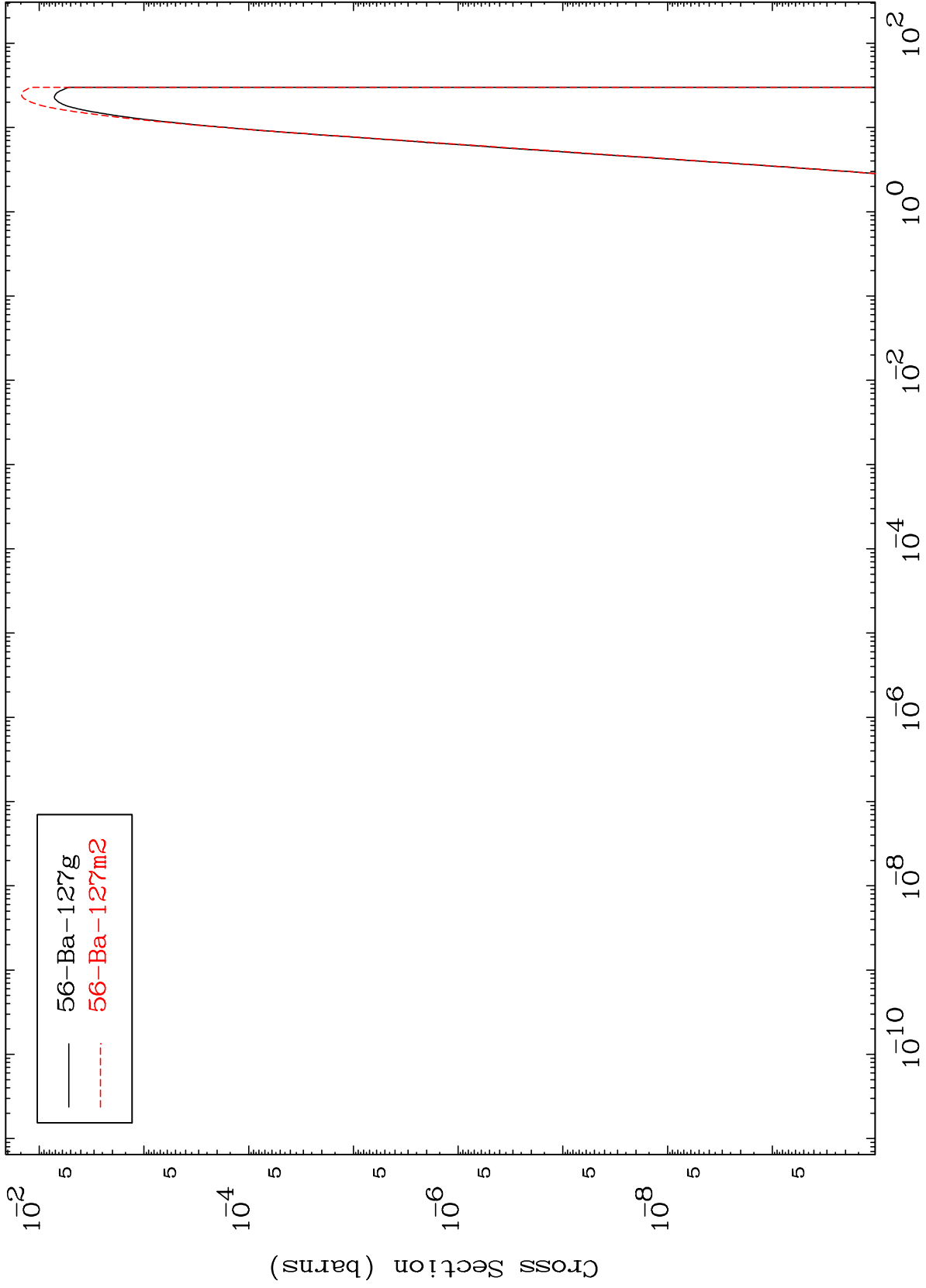


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(n,p) α

59-Pr-131

Radionuclide Production Cross Section

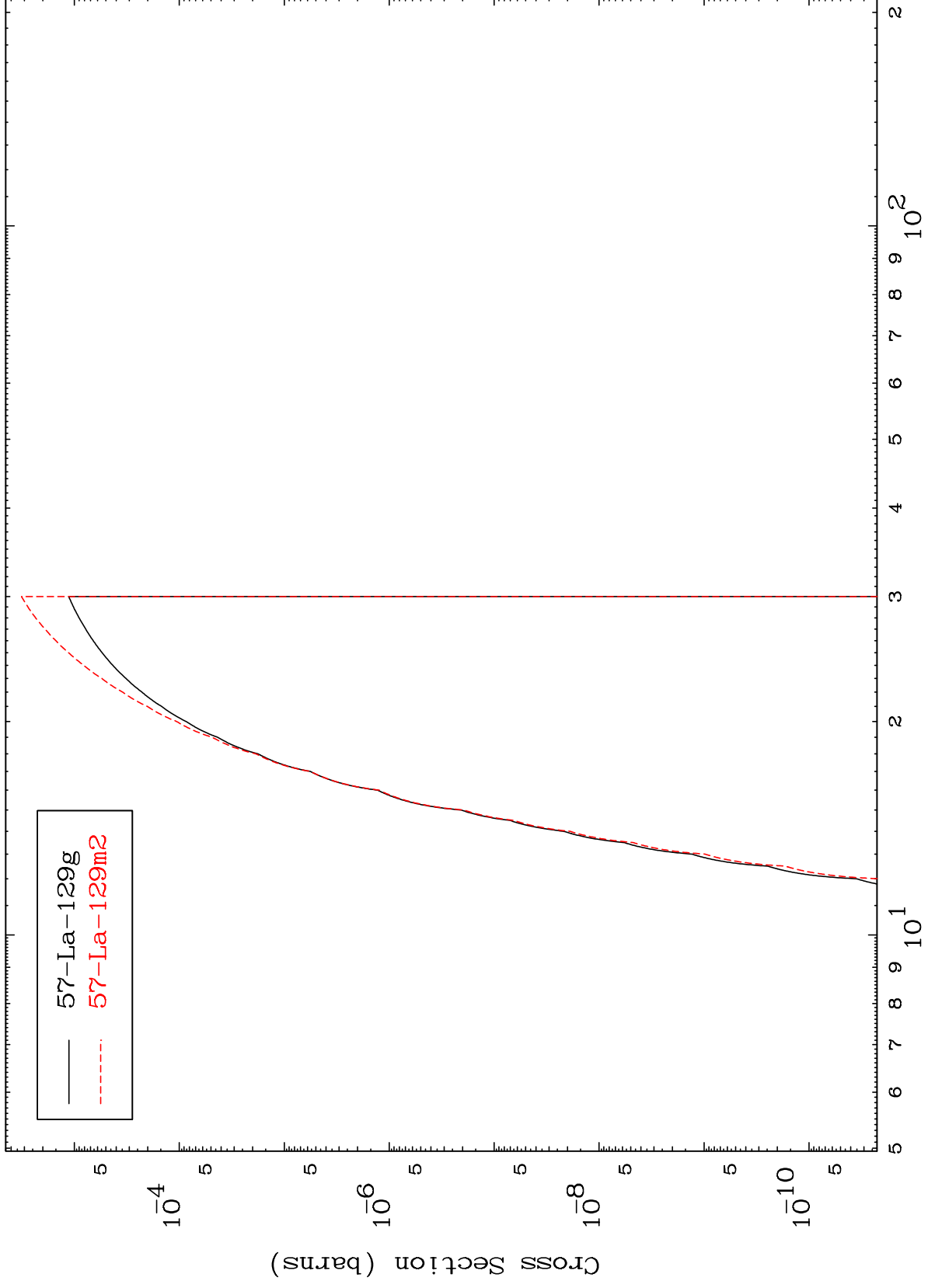


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Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section

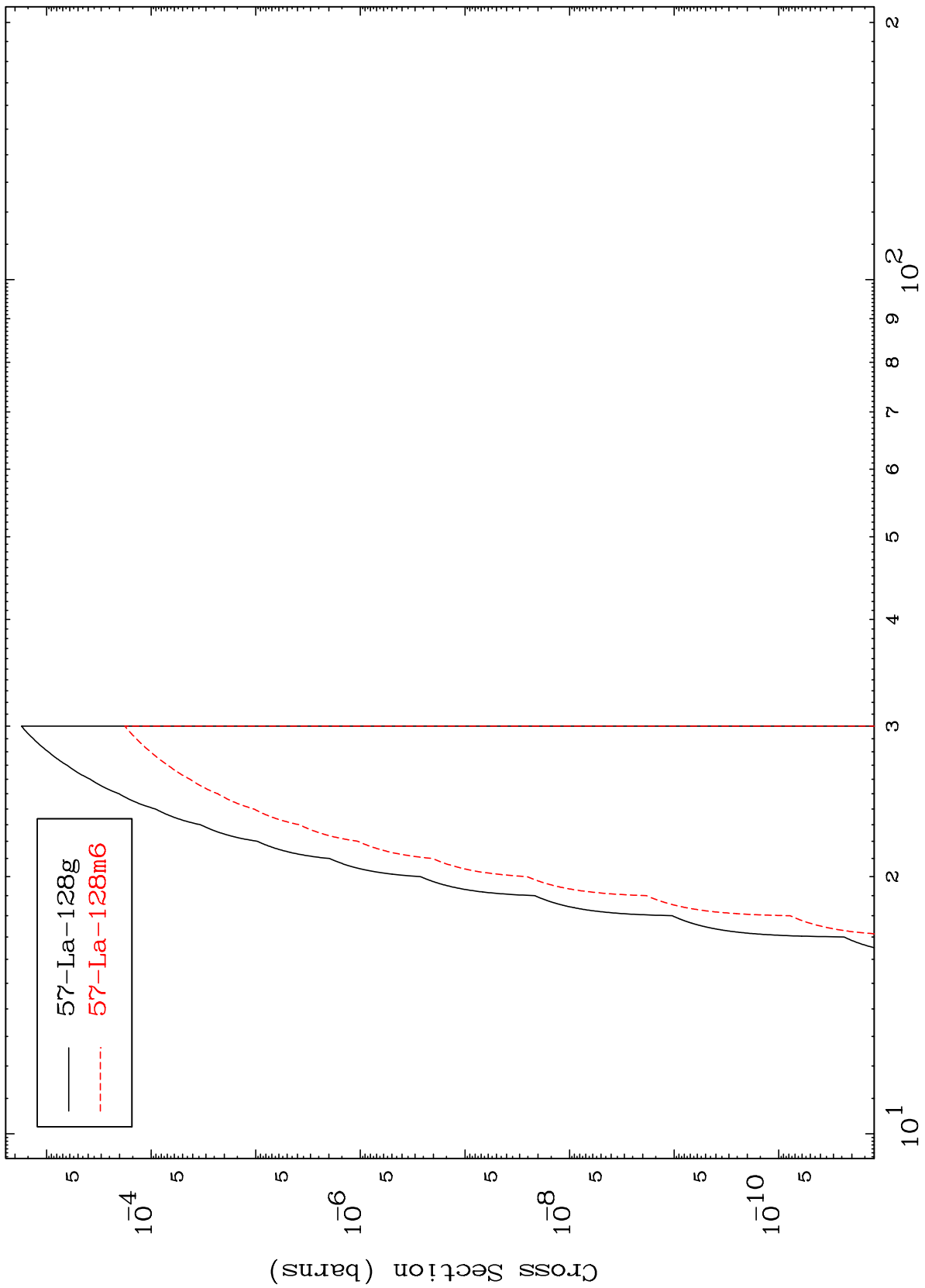


MAT 5896

(n,p) t

59-Pr-131

Radionuclide Production Cross Section



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

34

Incident Energy (MeV)

59-Pr-131