

Program EVALPLOT  
(Version 2018-1)

by

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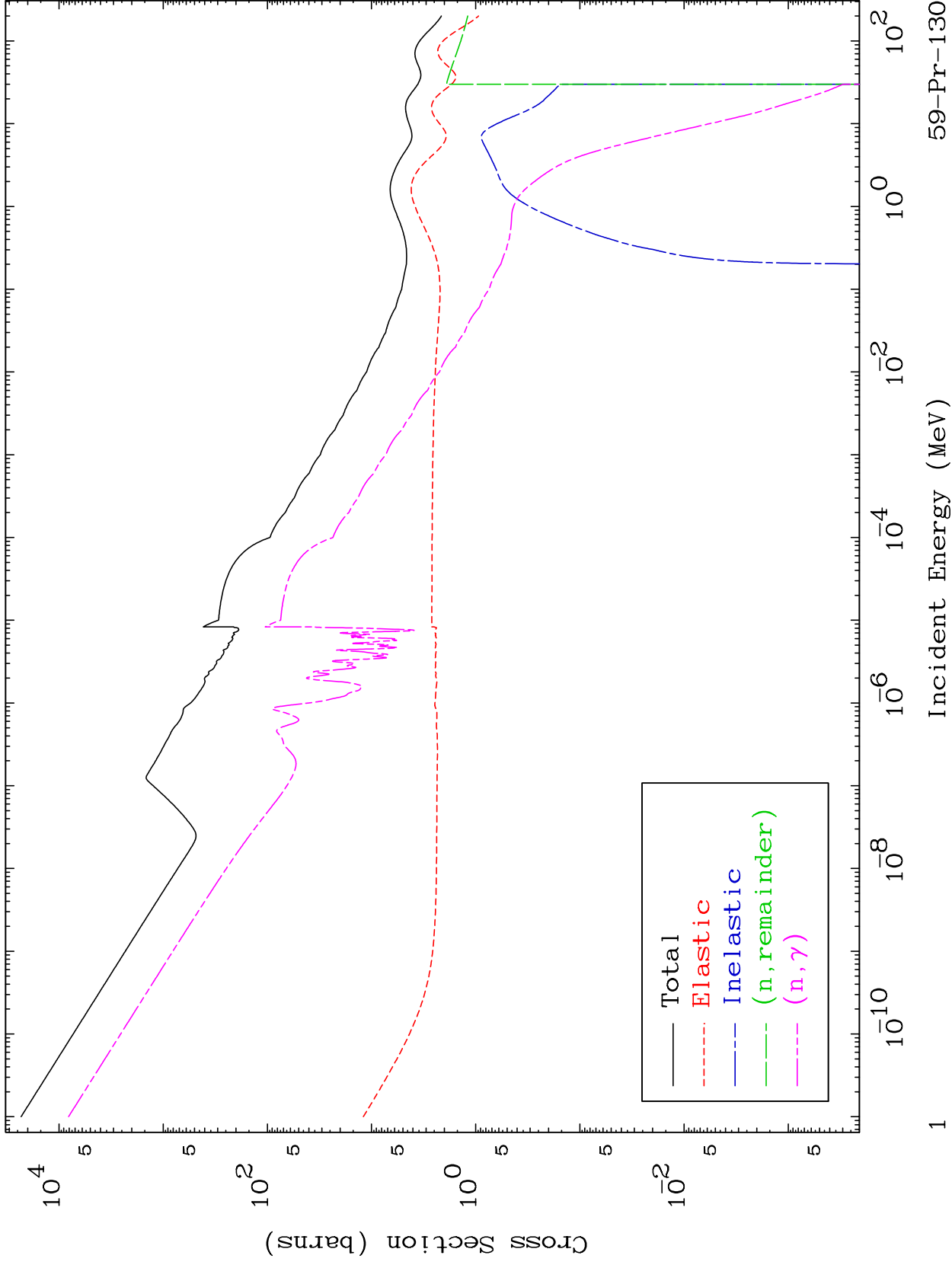
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5892

Major  
293 Kelvin Cross Sections

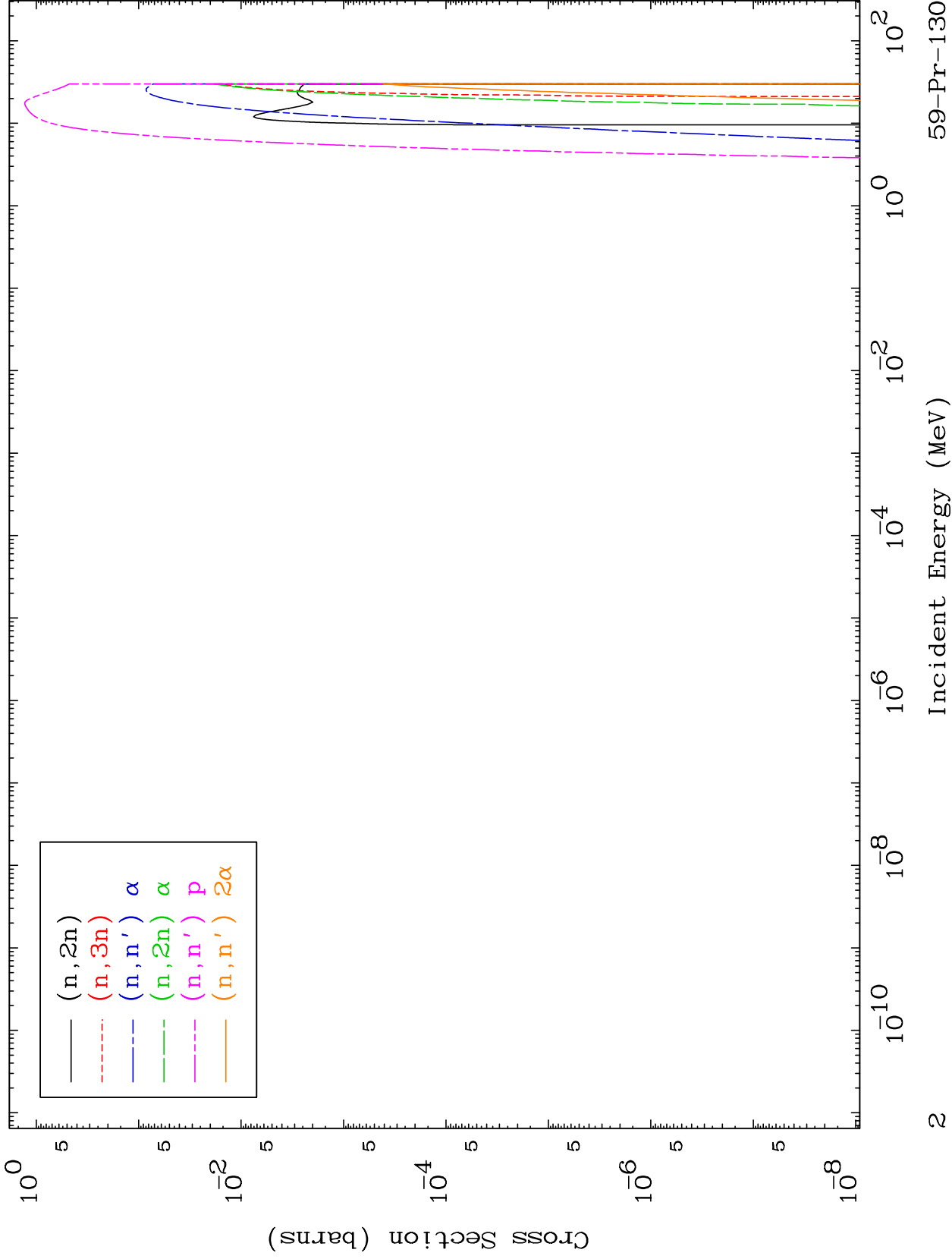
59-Pr-130

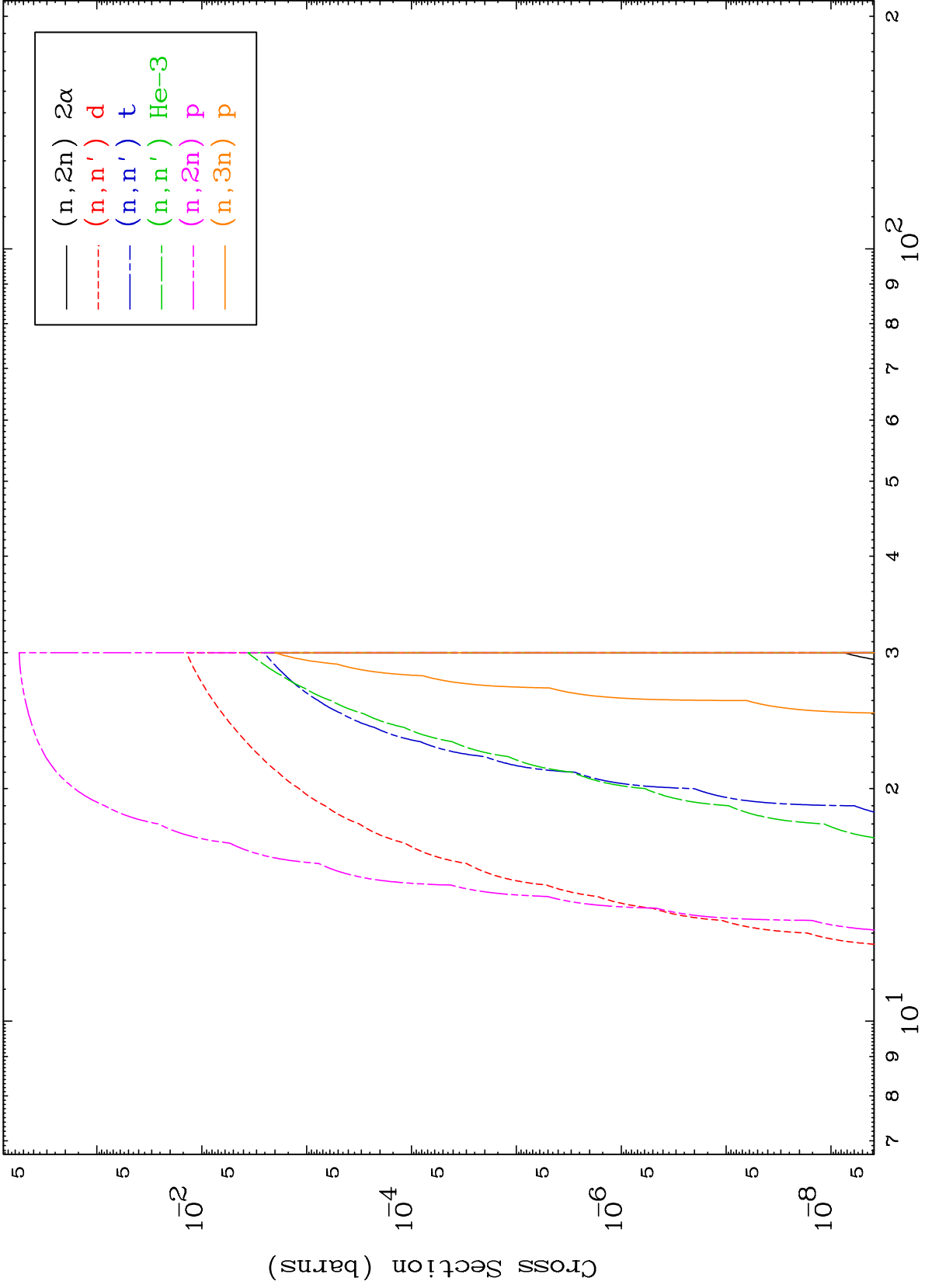


MAT 5892

Neutron Production  
293 Kelvin Cross Sections

59-Pr-130

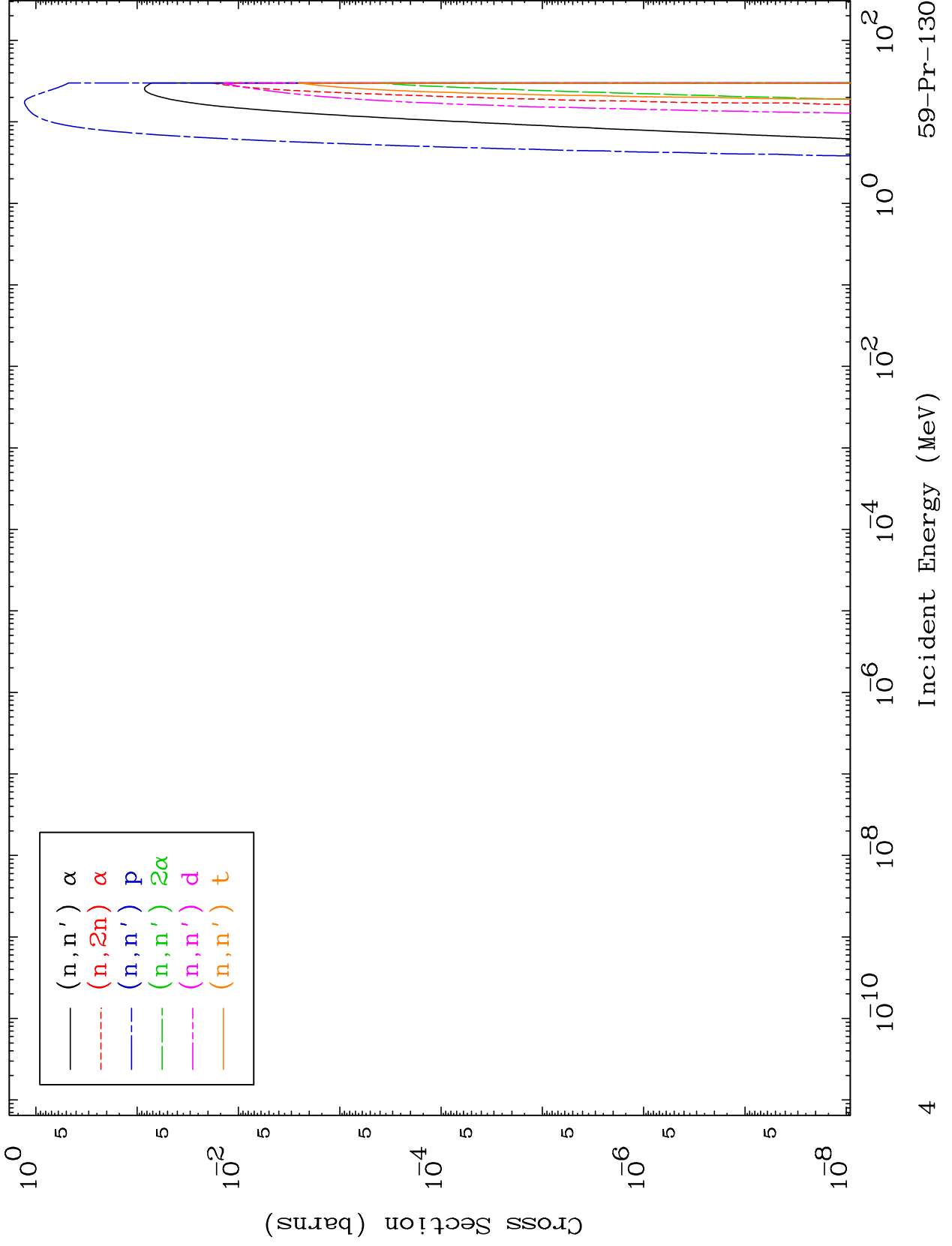




MAT 5892

Charged Particle  
293 Kelvin Cross Sections

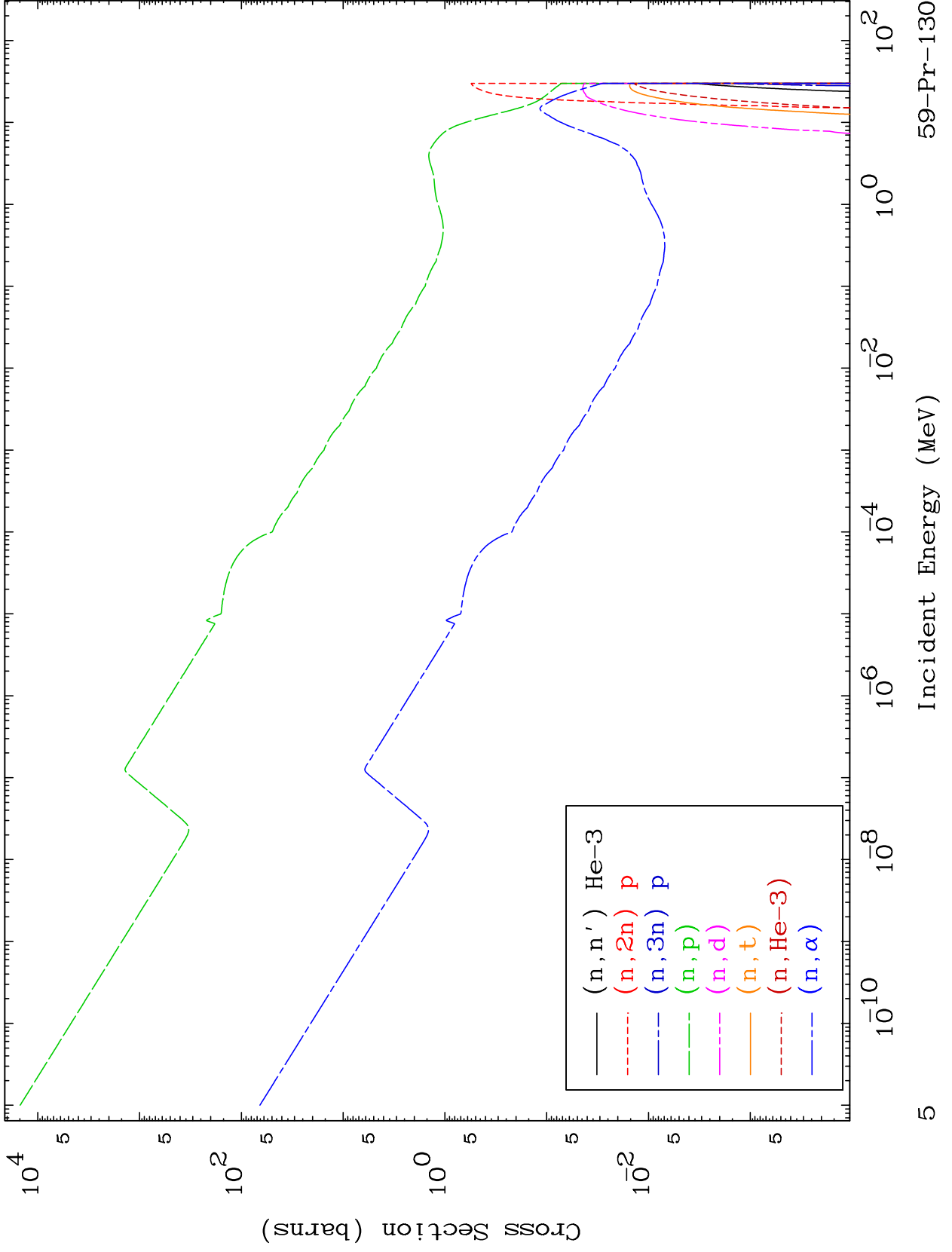
59-Pr-130



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Charged Particle  
293 Kelvin Cross Sections

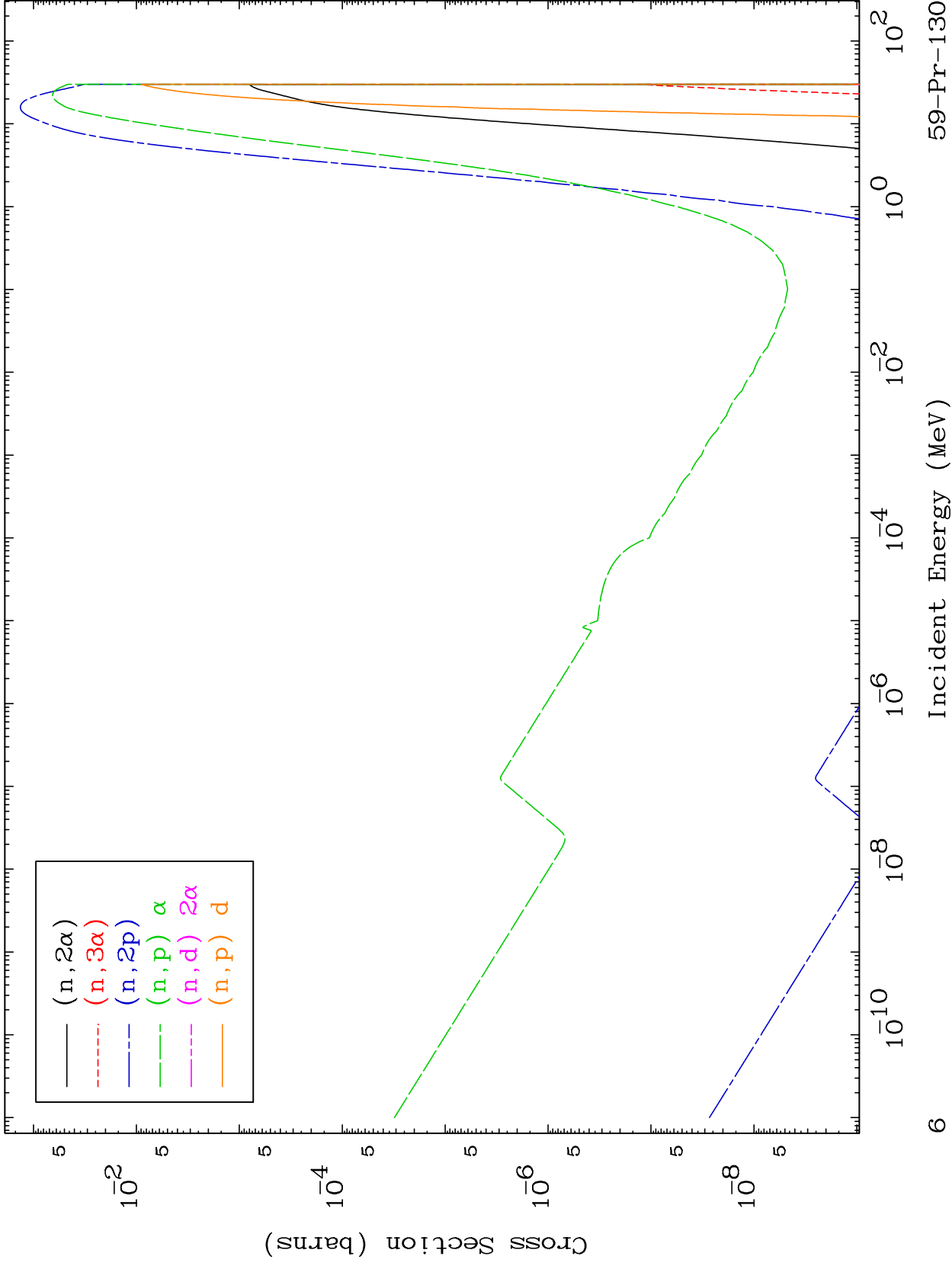
59-Pr-130



MAT 5892

Charged Particle  
293 Kelvin Cross Sections

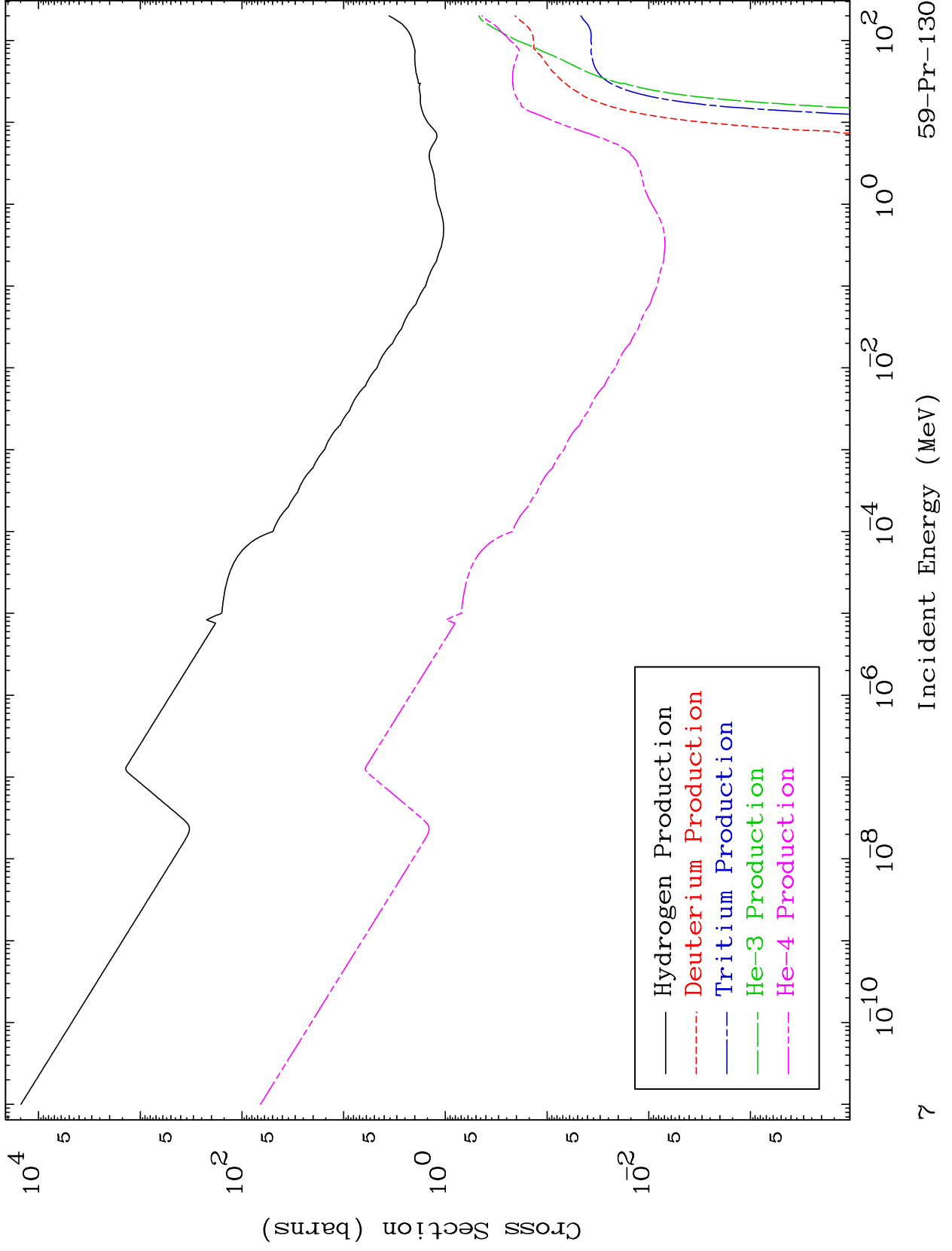
59-Pr-130



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Particle Production  
293 Kelvin Cross Sections

59-Pr-130



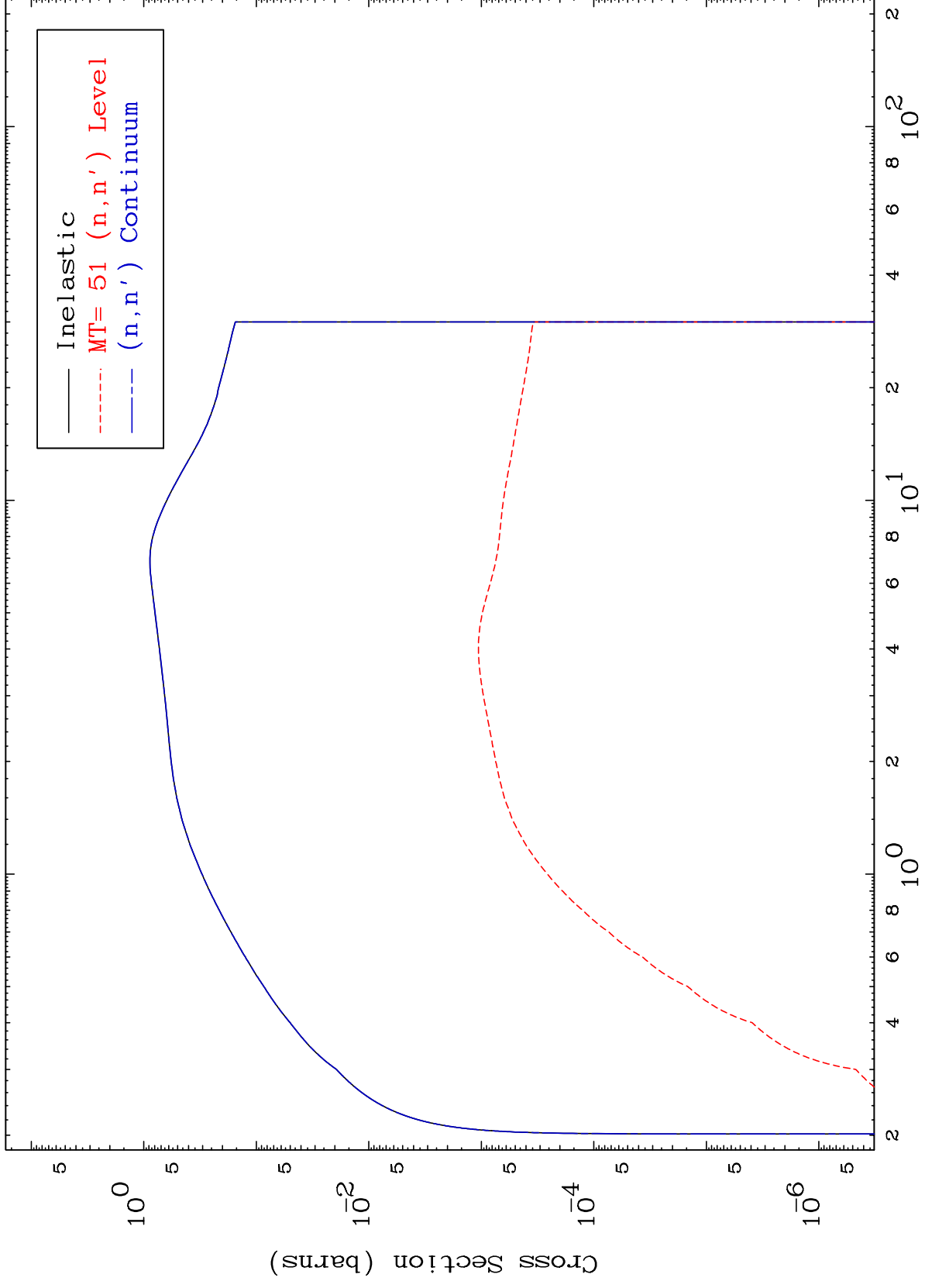


MAT 5892

(n,n') Level

59-Pr-130

293 Kelvin Cross Sections



8

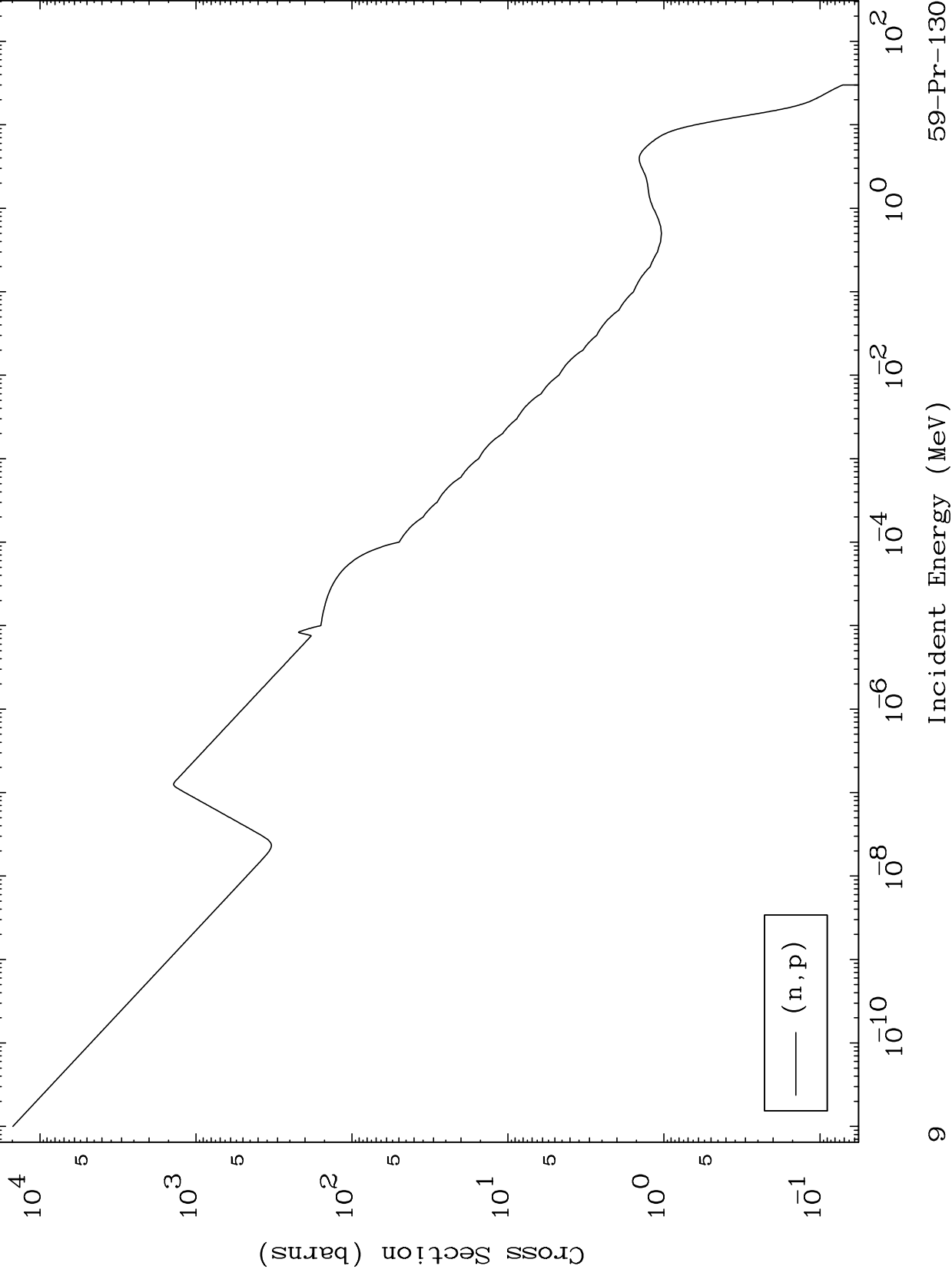
Incident Energy (MeV)

59-Pr-130

MAT 5892

(n,p) Levels  
293 Kelvin Cross Sections

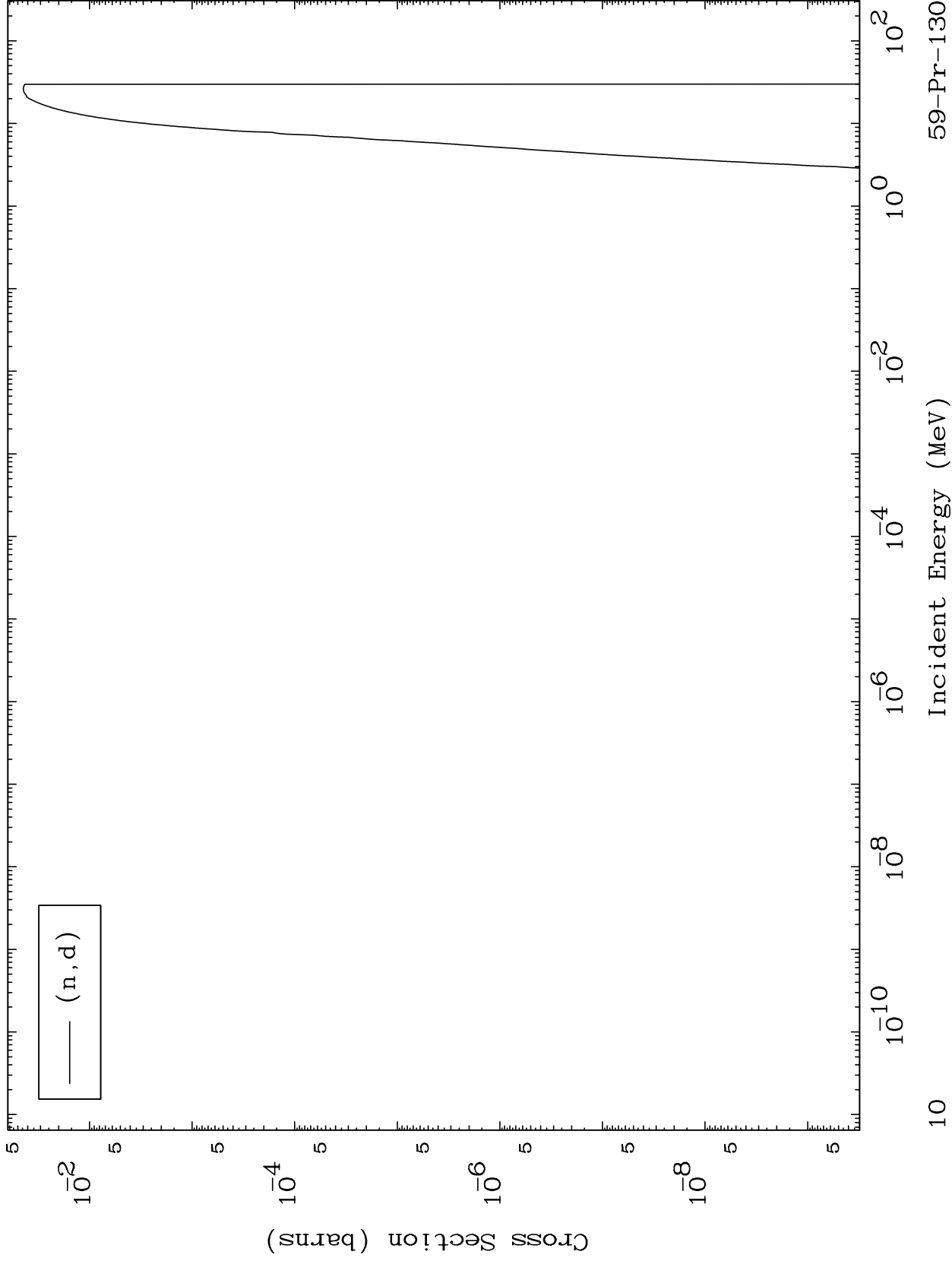
59-Pr-130



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(n,d) Levels  
293 Kelvin Cross Sections

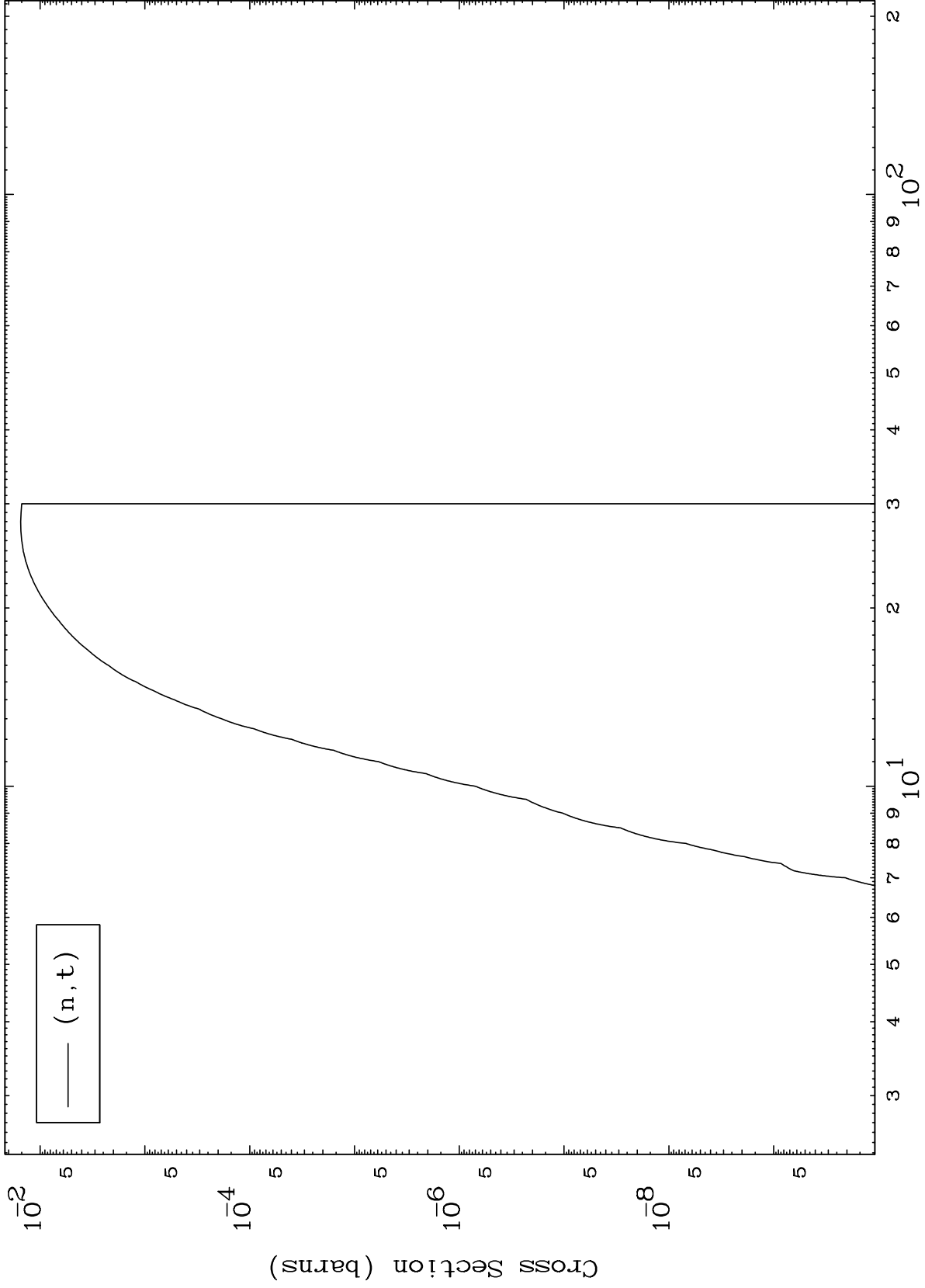
59-Pr-130



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(n,t) Levels  
293 Kelvin Cross Sections

59-Pr-130



(n,t)

11

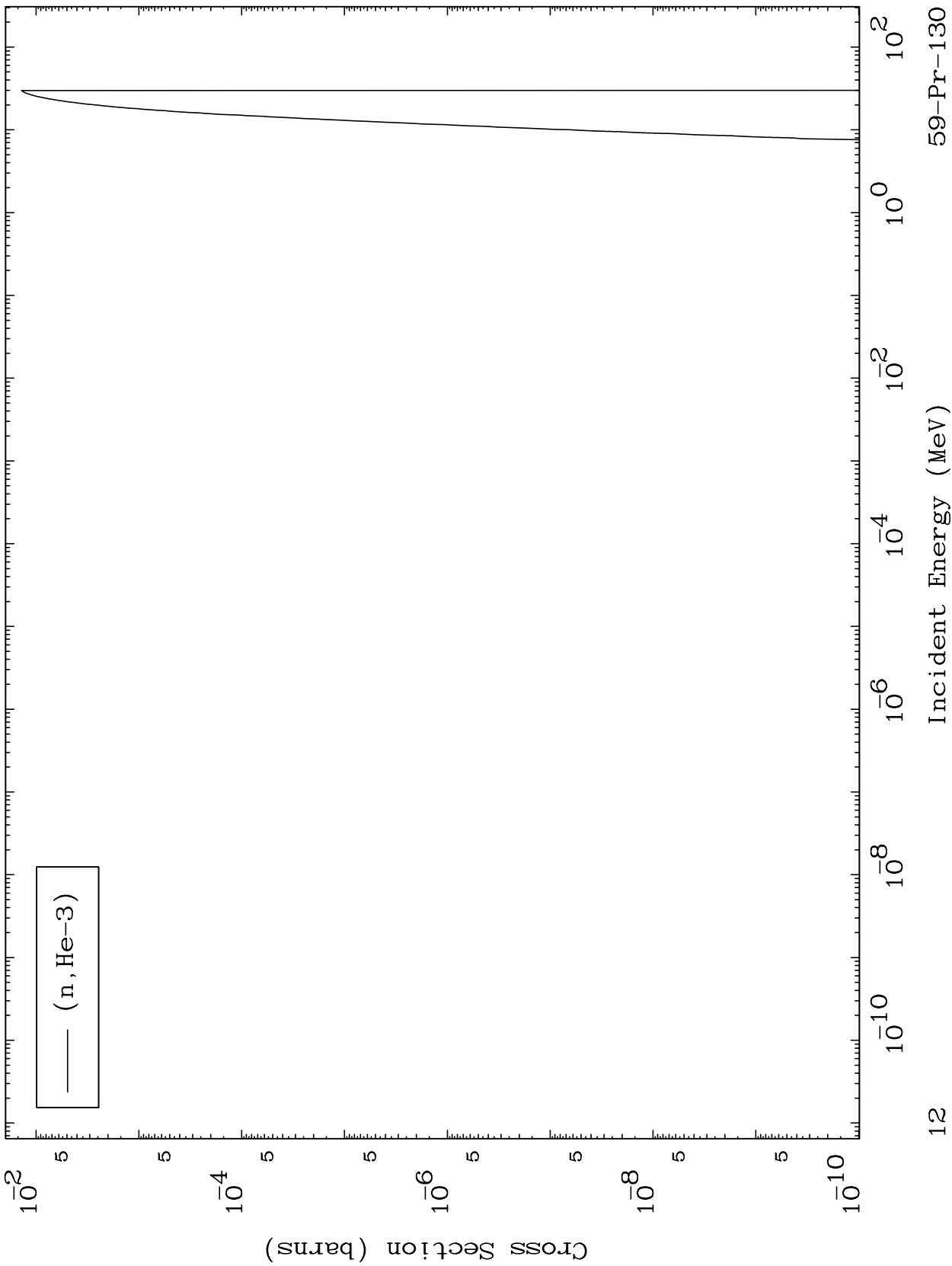
Incident Energy (MeV)

59-Pr-130

MAT 5892

(n,He3) Levels  
293 Kelvin Cross Sections

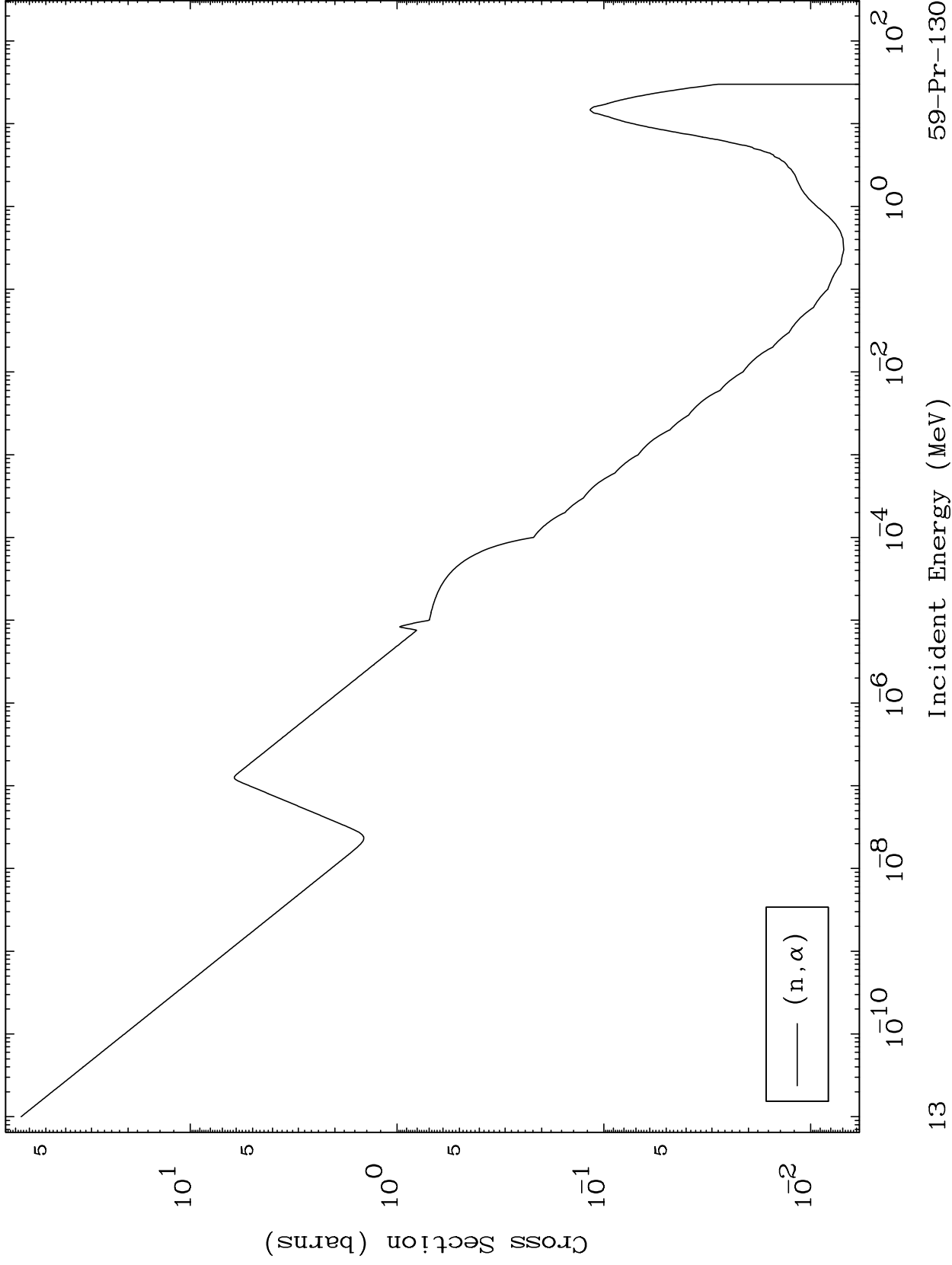
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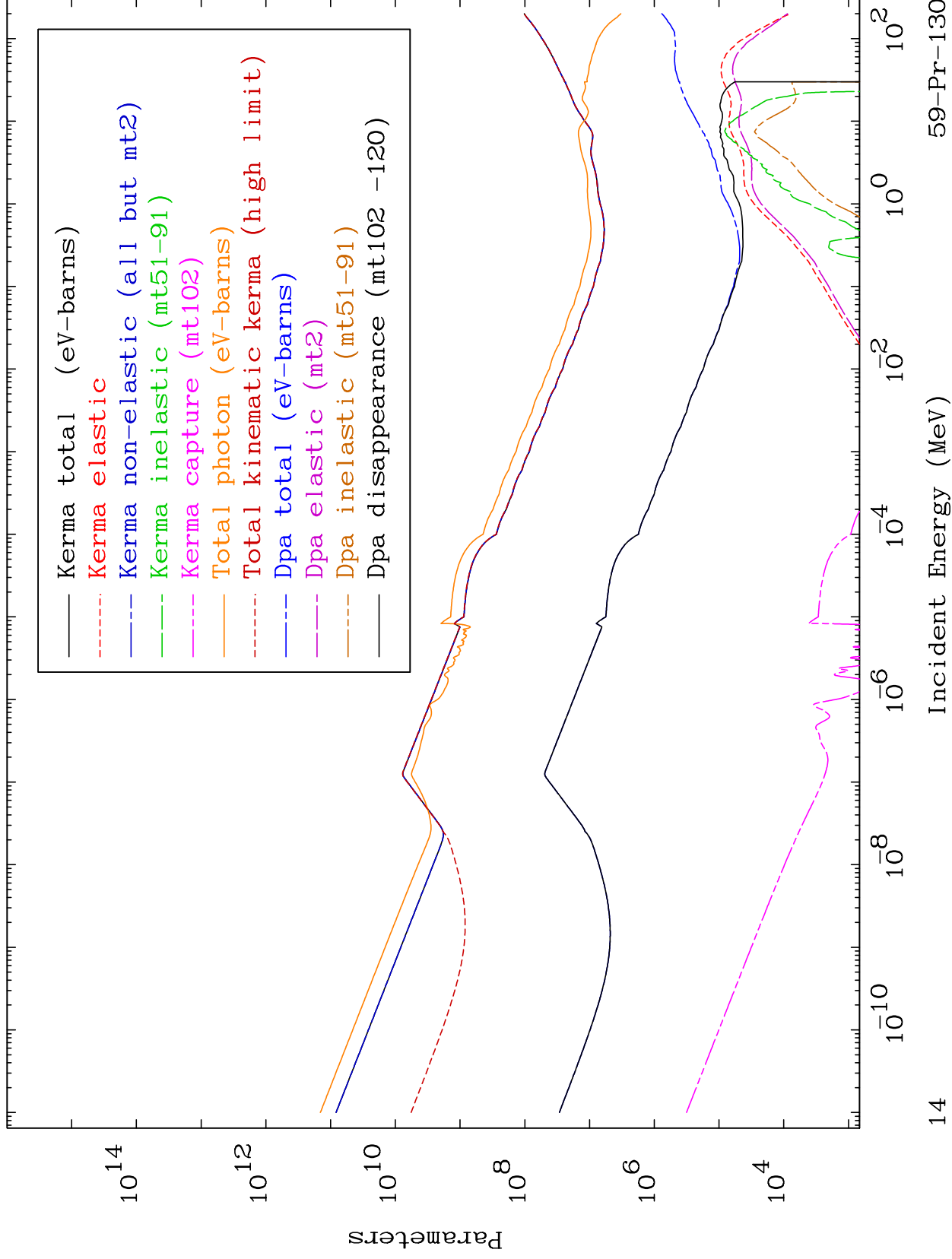


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(n,α) Levels  
293 Kelvin Cross Sections

59-Pr-130

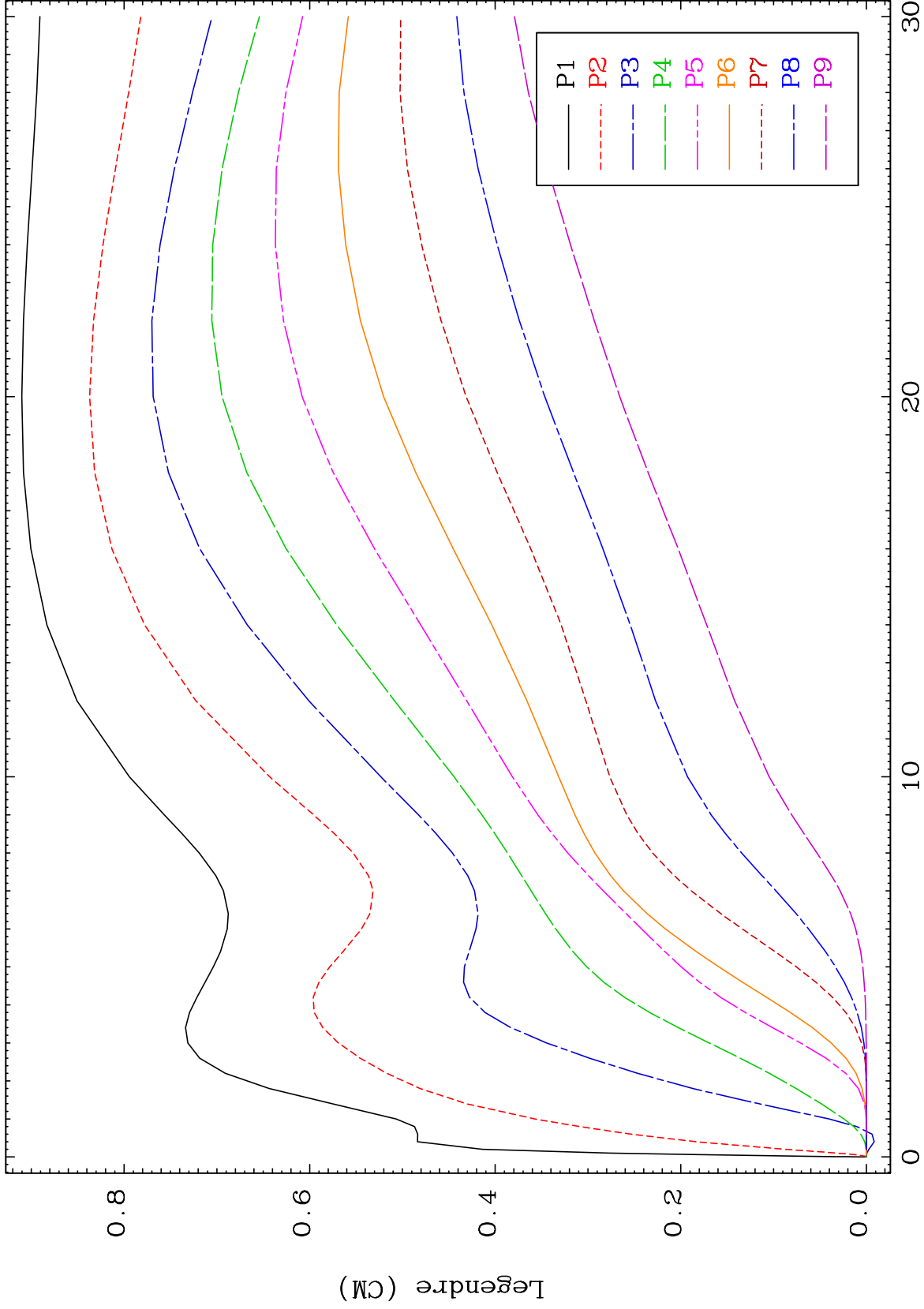




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Elastic Legendre Coefficients

59-Pr-130



15

Incident Energy (MeV)

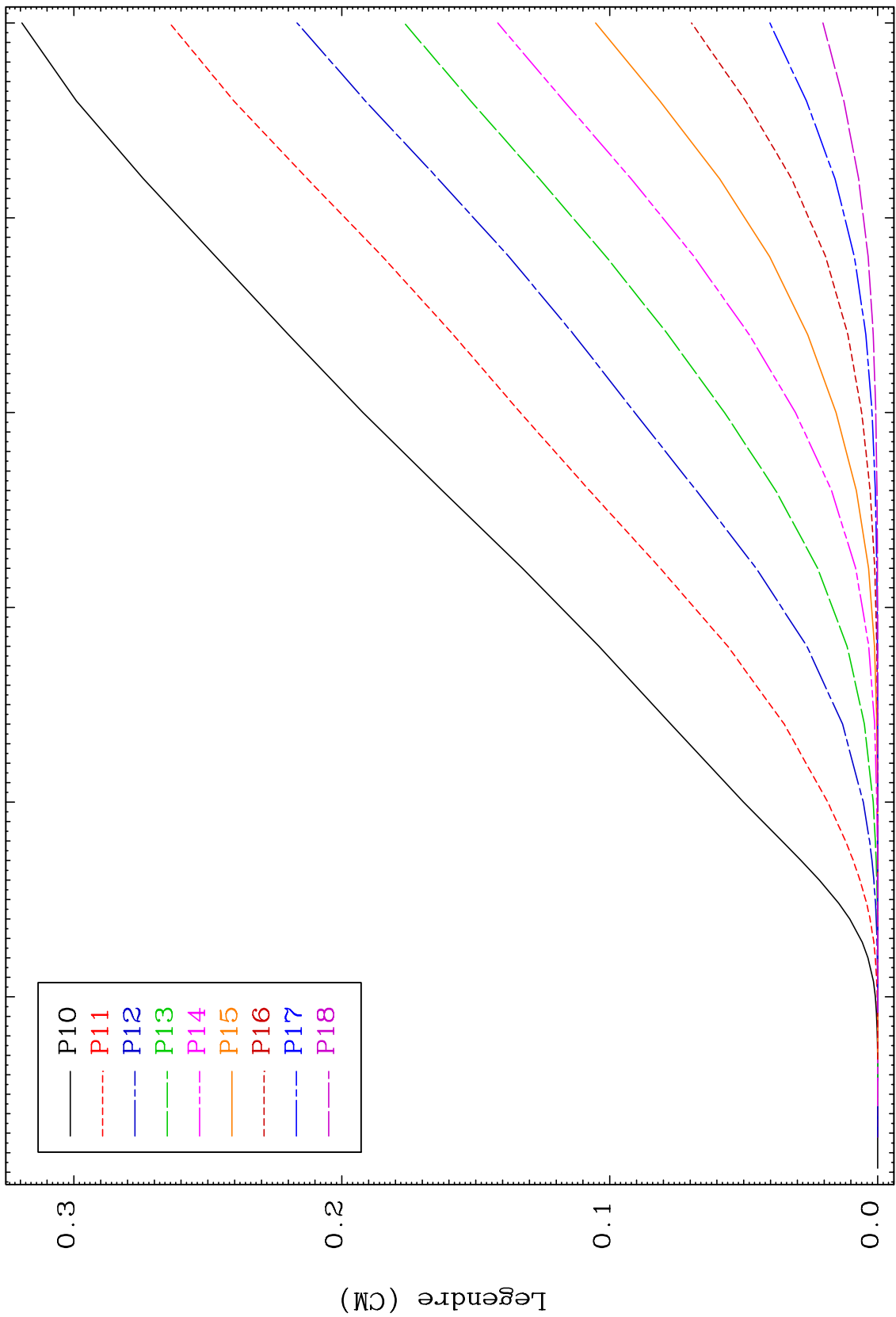
59-Pr-130



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### Elastic Legendre Coefficients

59-Pr-130



16

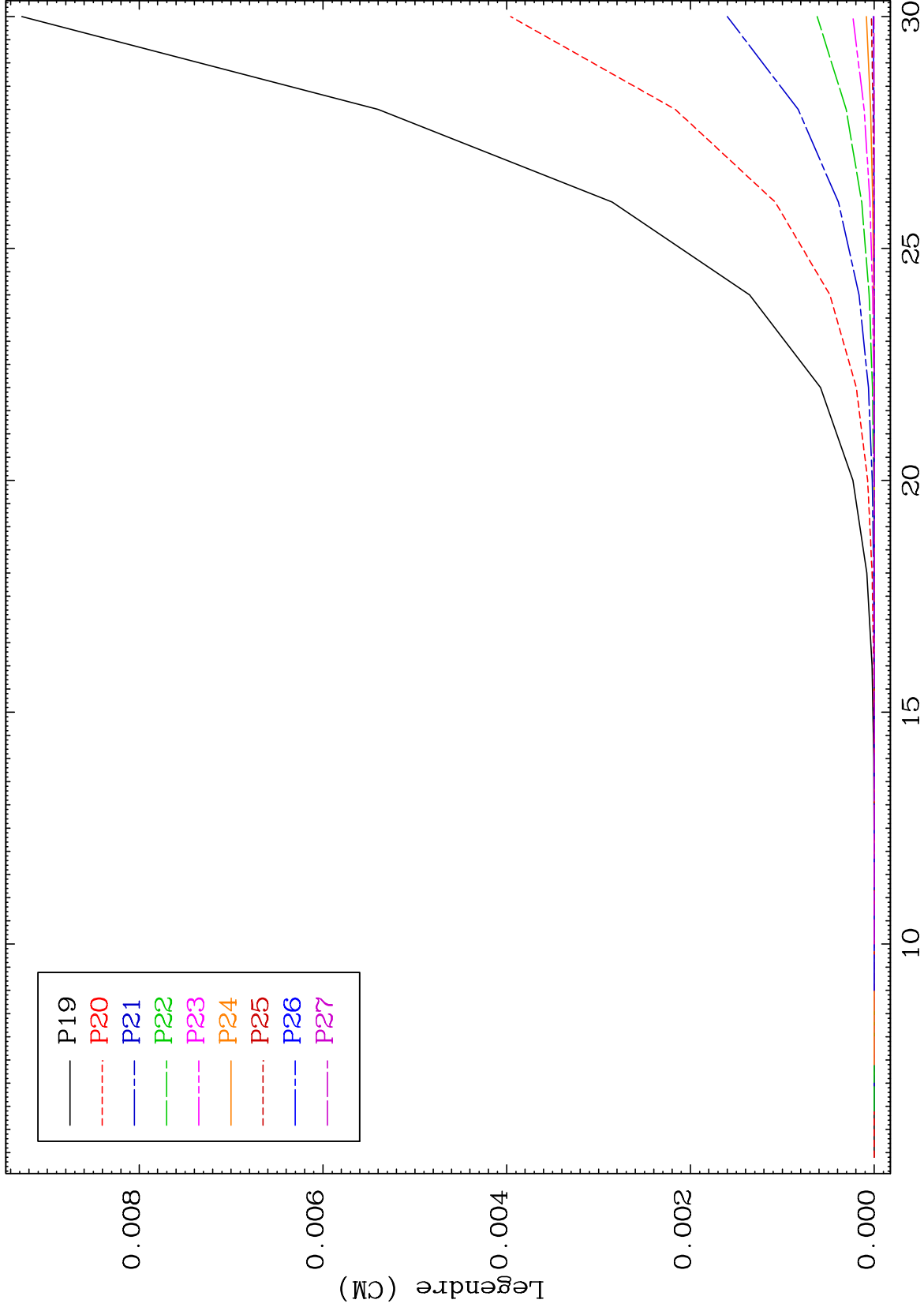
Incident Energy (MeV)

59-Pr-130

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### Elastic Legendre Coefficients

59-Pr-130



17

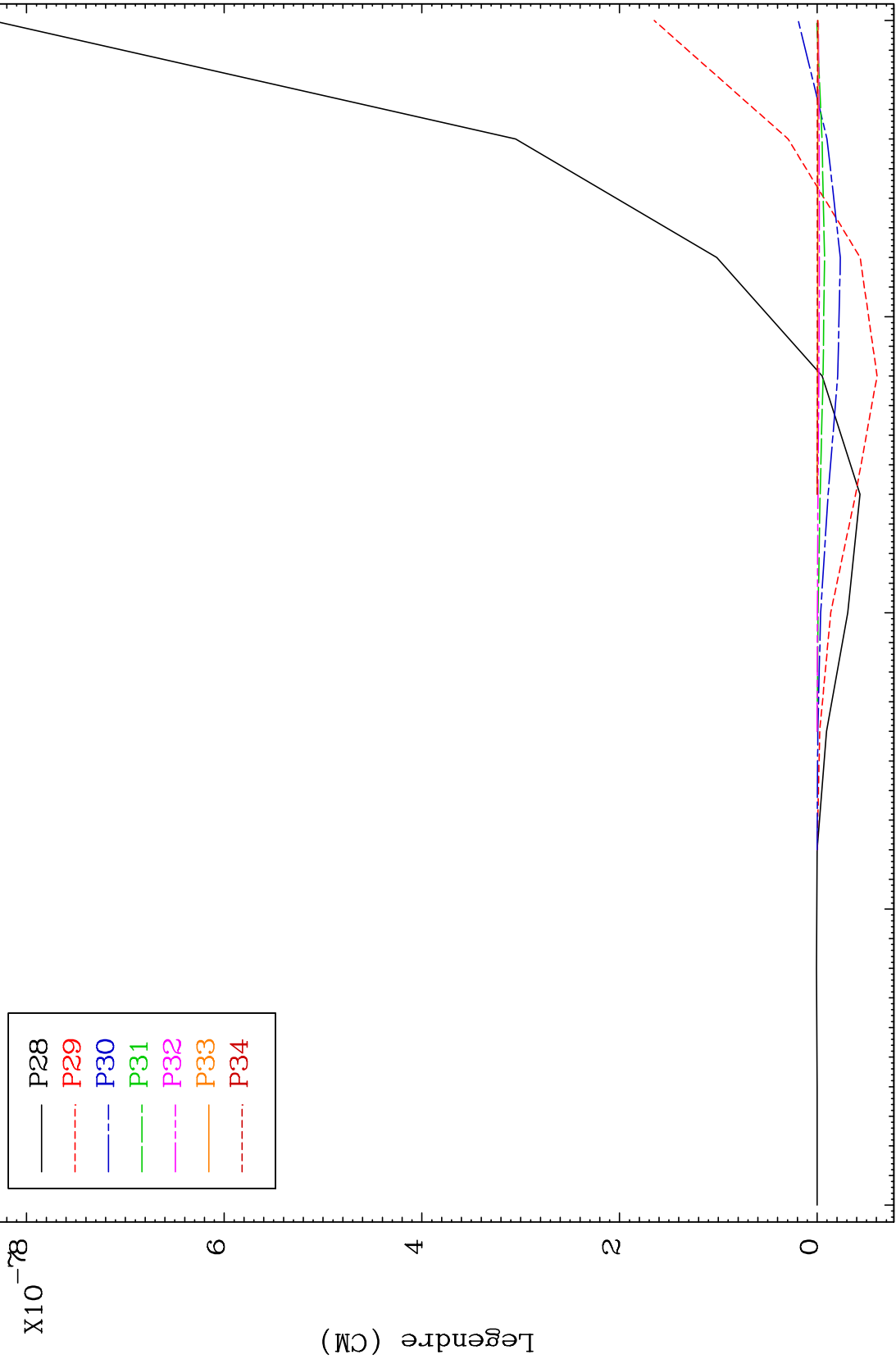
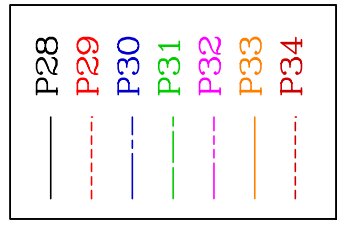
Incident Energy (MeV)

59-Pr-130

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Elastic  
Legendre Coefficients

59-Pr-130



18

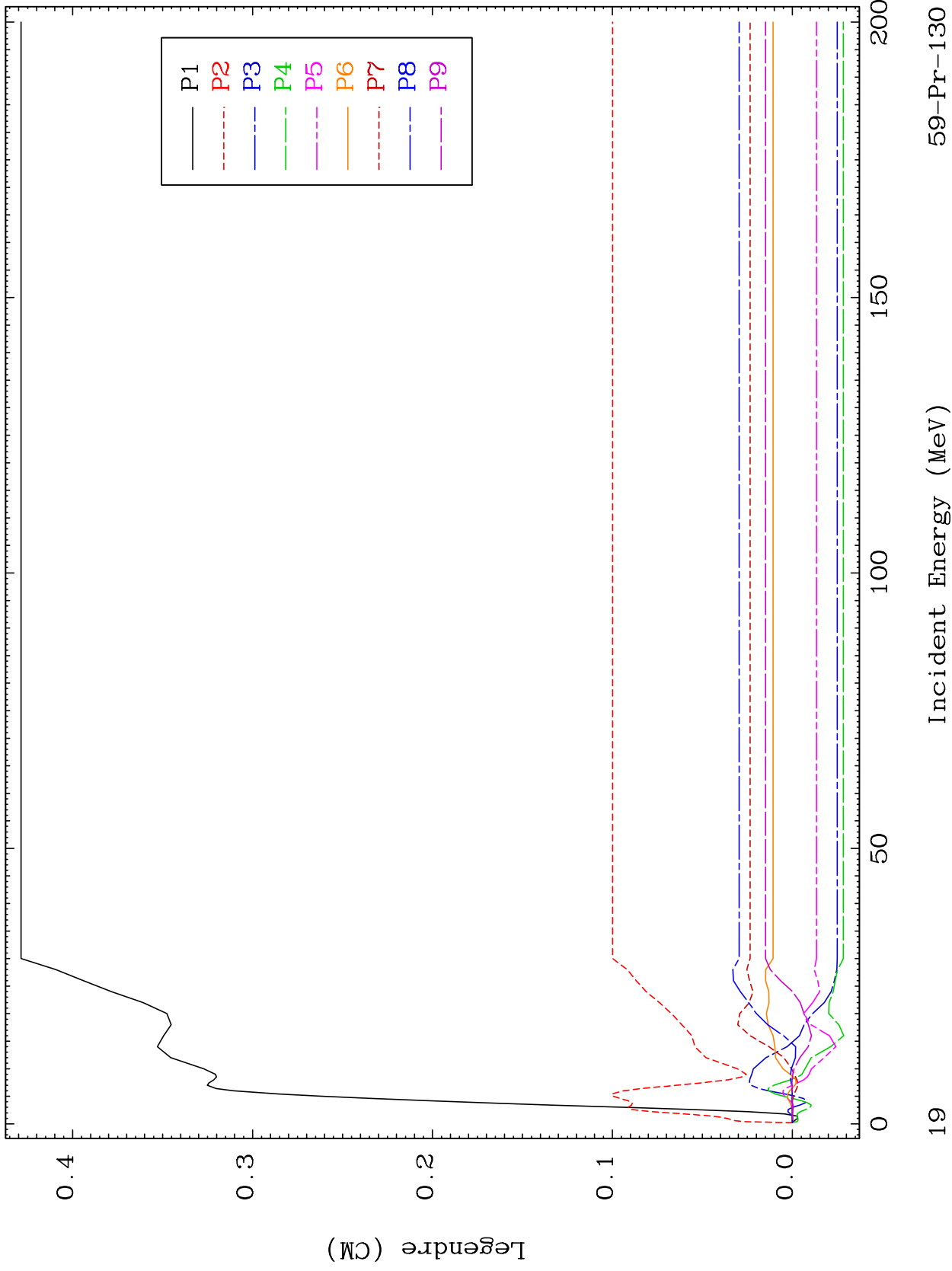
Incident Energy (MeV)

59-Pr-130

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MT= 51 (n,n') Level  
Legendre Coefficients

59-Pr-130



59-Pr-130

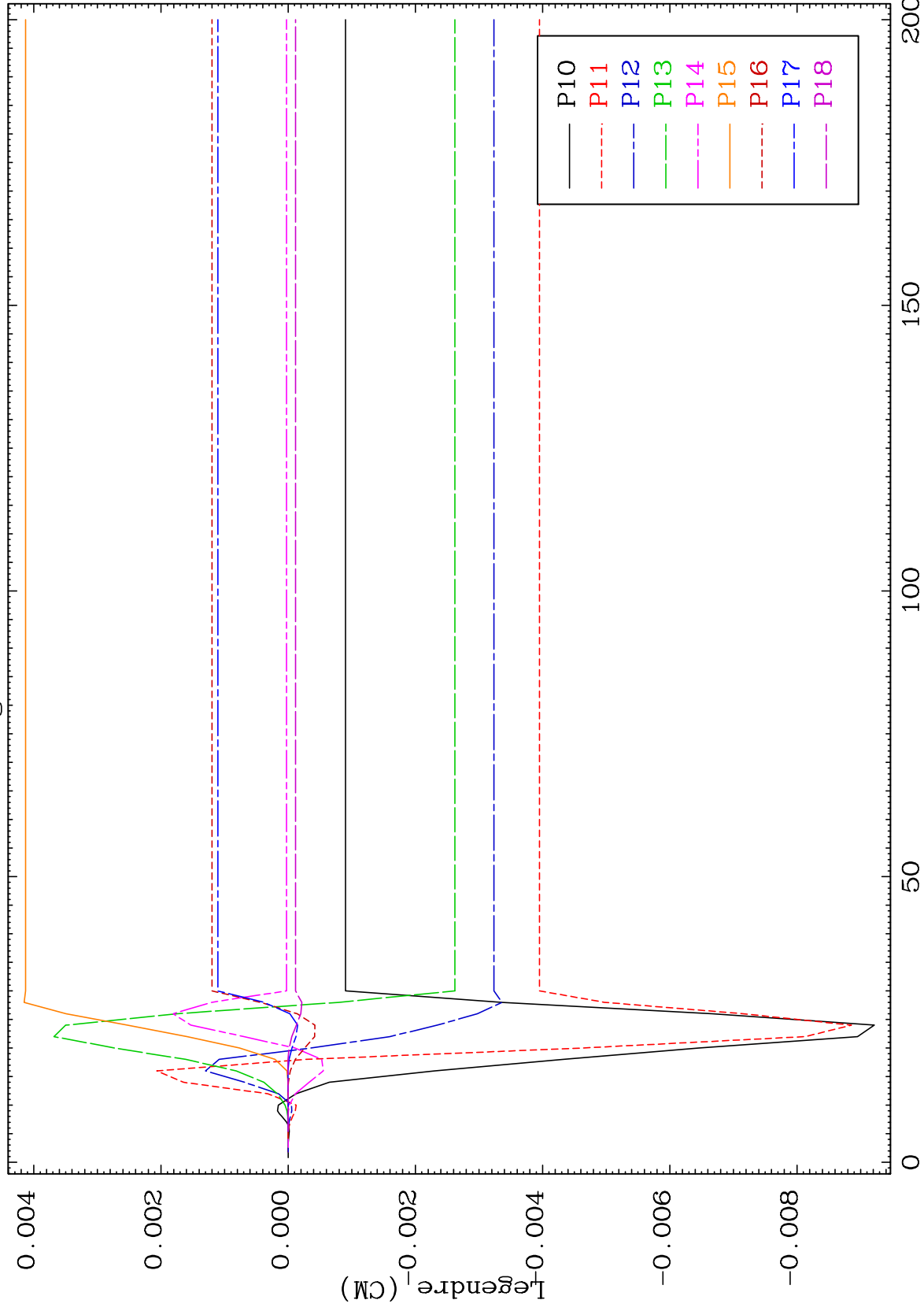
Incident Energy (MeV)

19

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MT= 51 (n,n') Level  
Legendre Coefficients

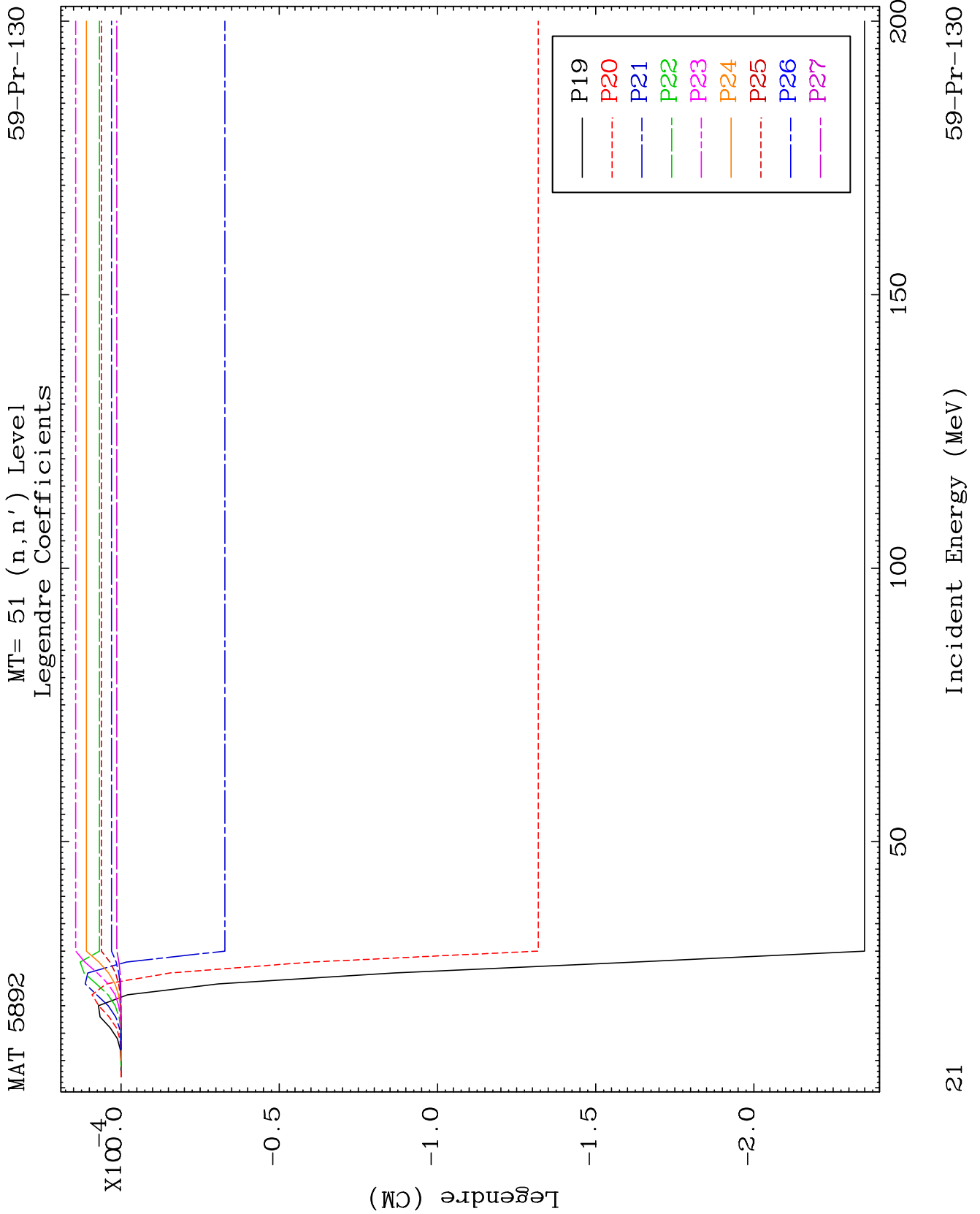
59-Pr-130



59-Pr-130

Incident Energy (MeV)

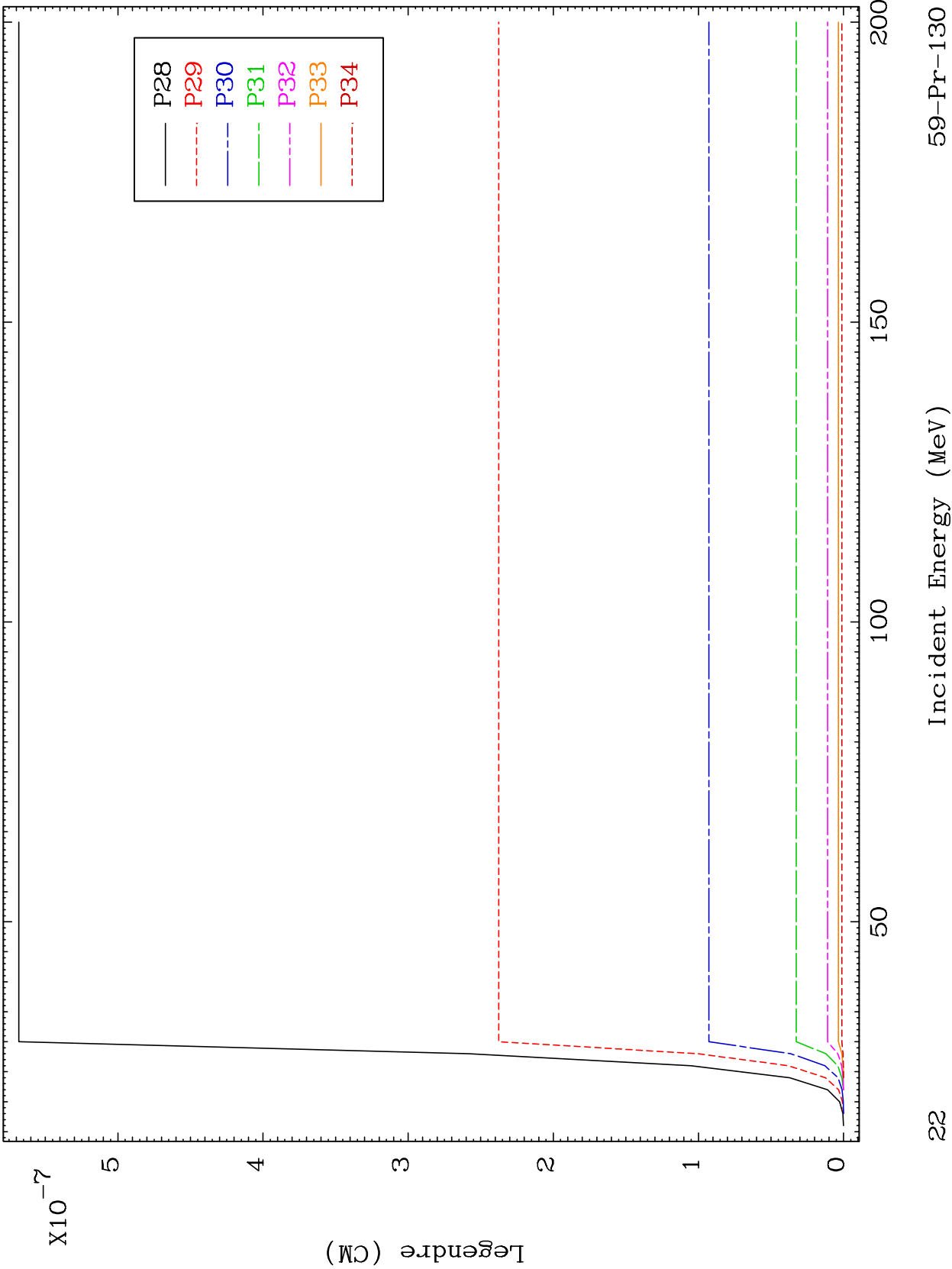
20



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MT= 51 (n,n') Level  
Legendre Coefficients

59-Pr-130



22

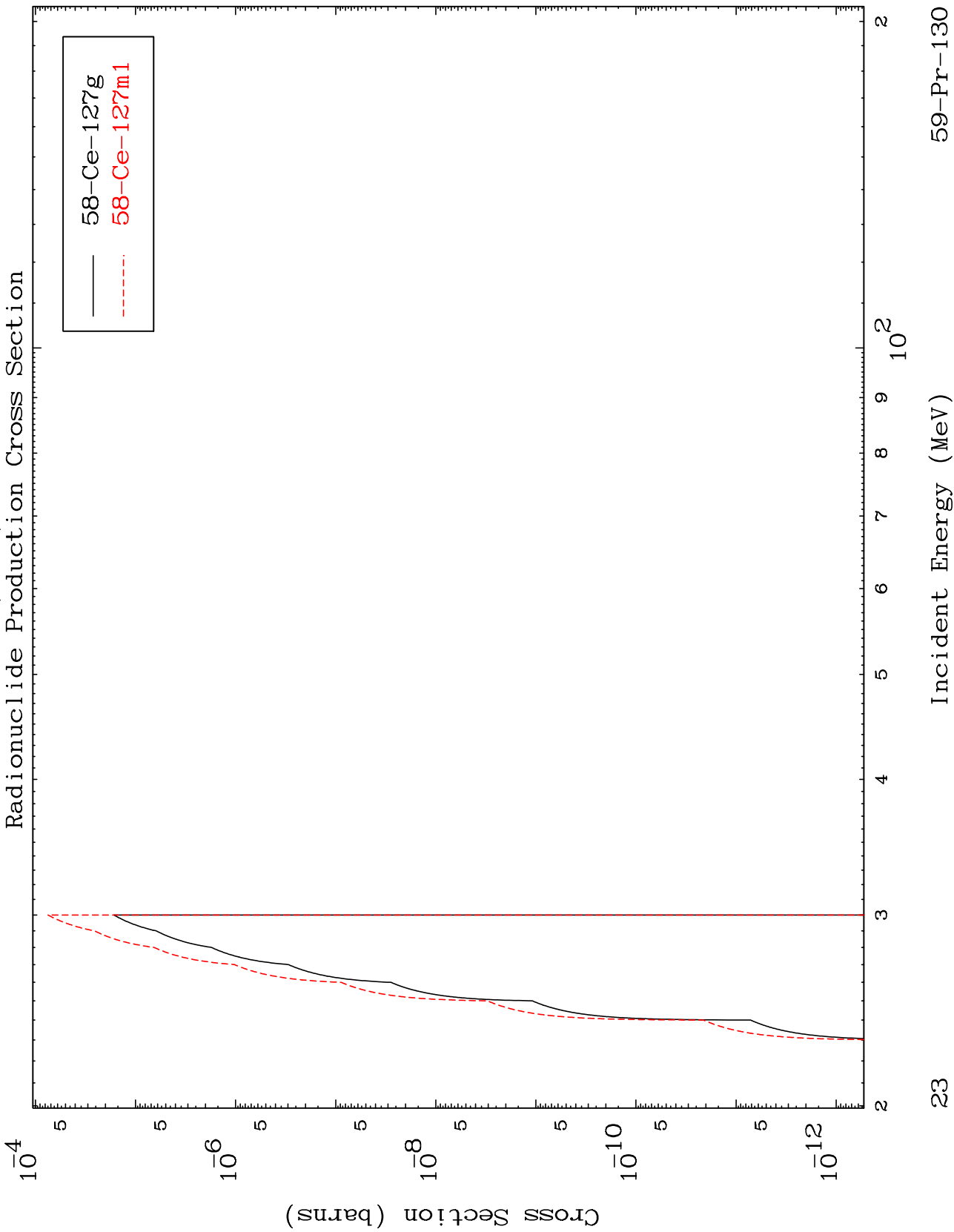
Incident Energy (MeV)

59-Pr-130

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(n,2n) d

59-Pr-130



23

Incident Energy (MeV)

59-Pr-130

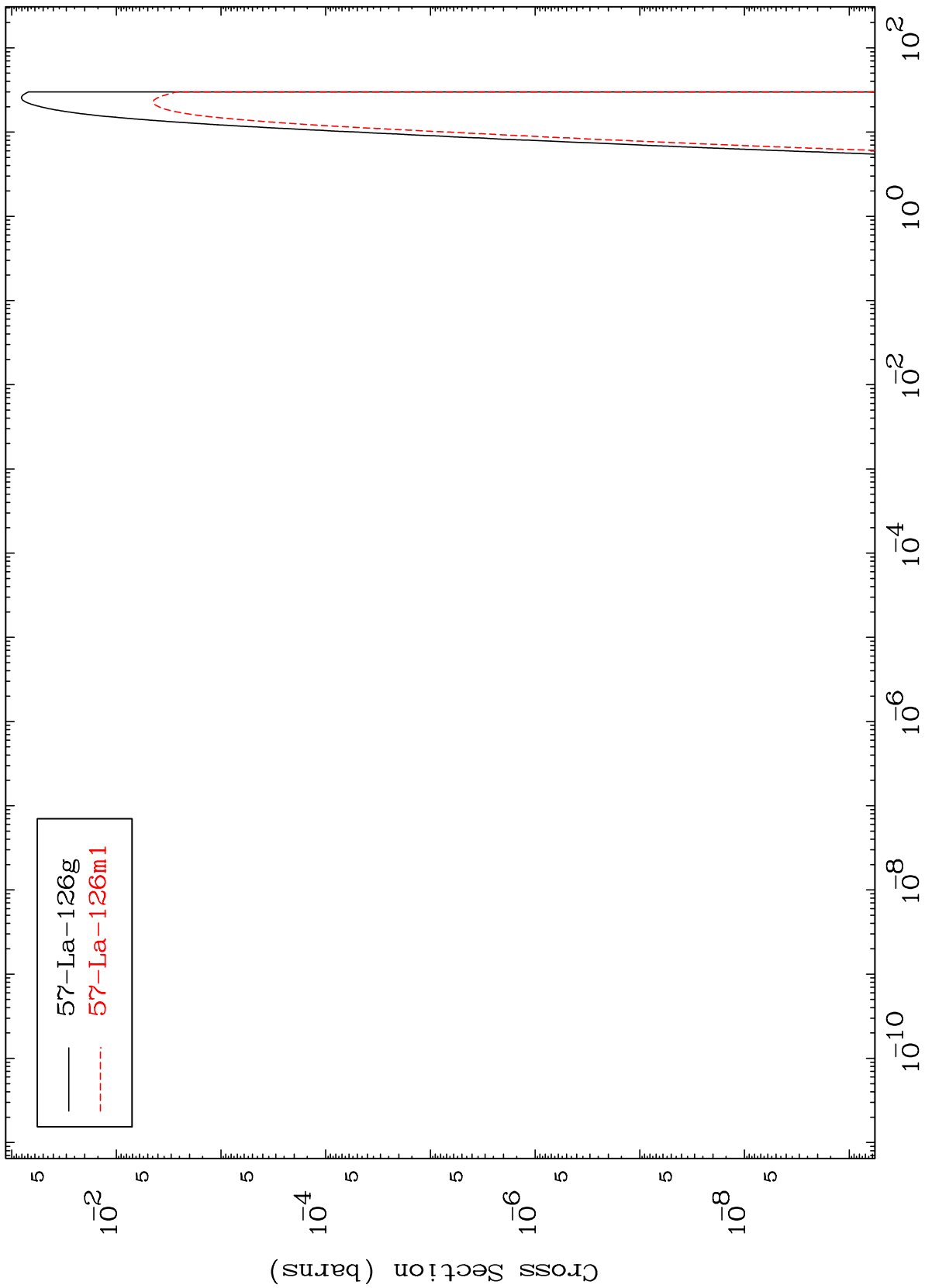


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$(n, n') \alpha$

59-Pr-130

Radionuclide Production Cross Section

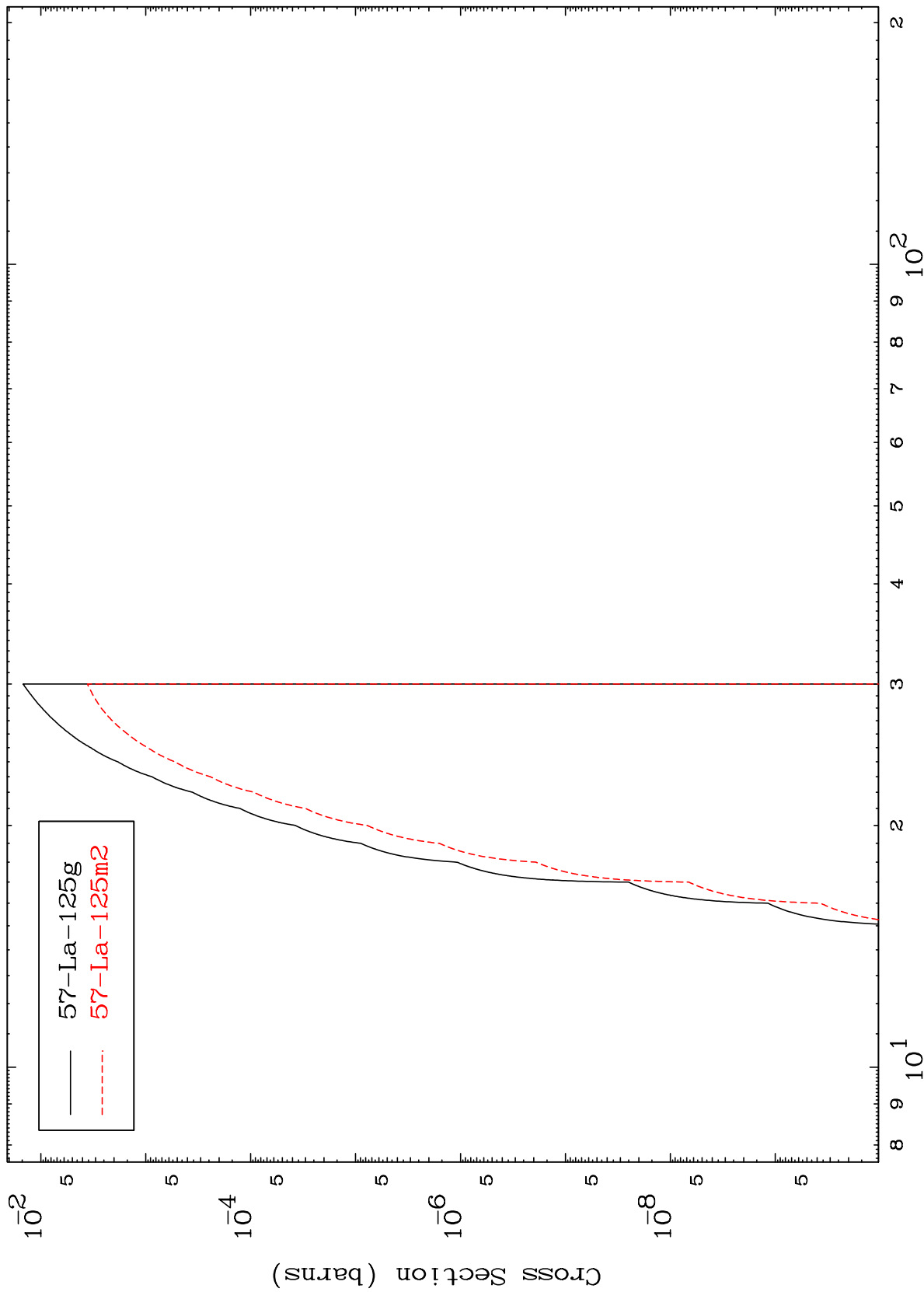


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(n,2n)  $\alpha$

59-Pr-130

Radionuclide Production Cross Section



25

Incident Energy (MeV)

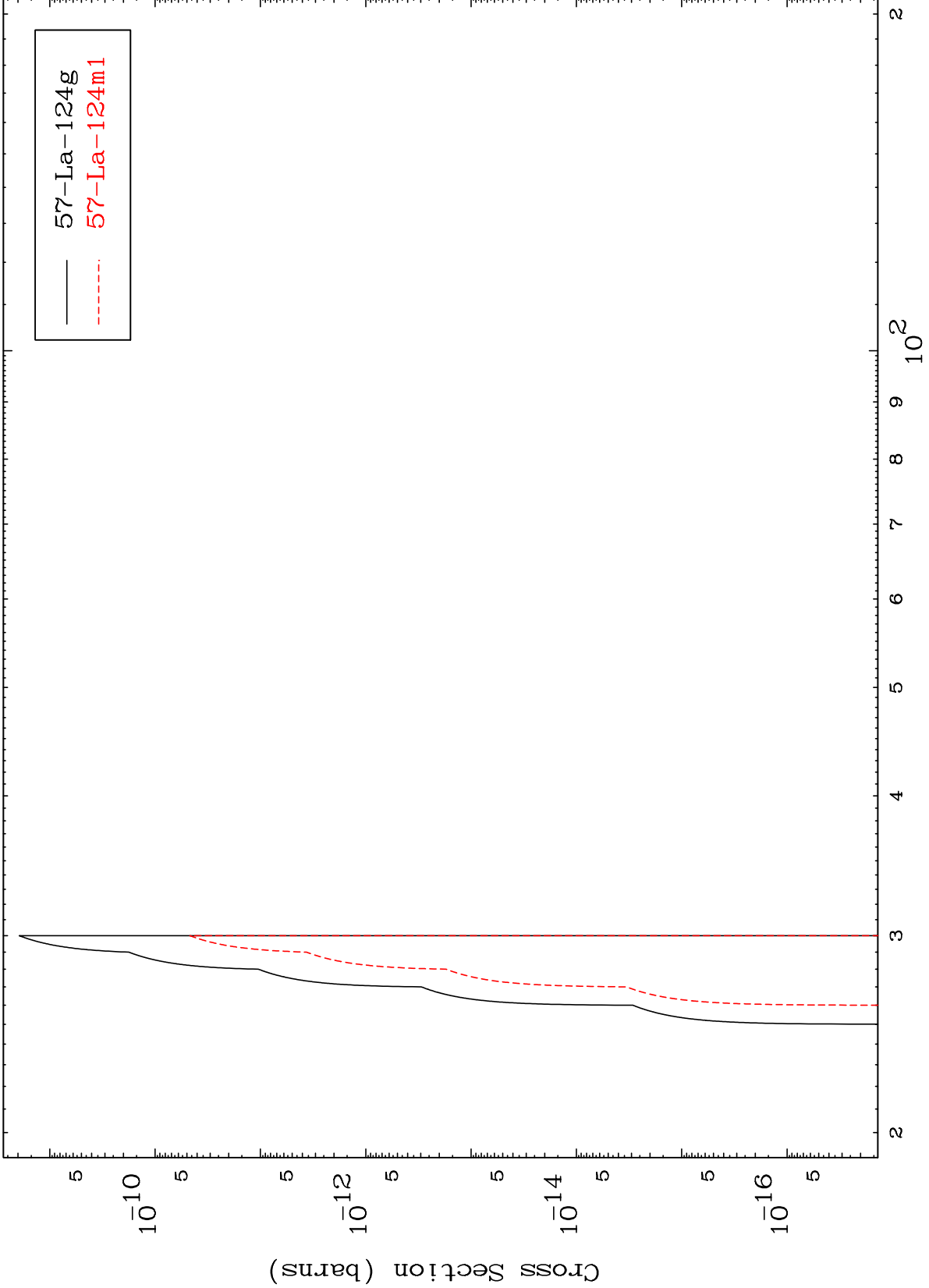
59-Pr-130

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$(n,3n) \alpha$

59-Pr-130

Radionuclide Production Cross Section



26

Incident Energy (MeV)

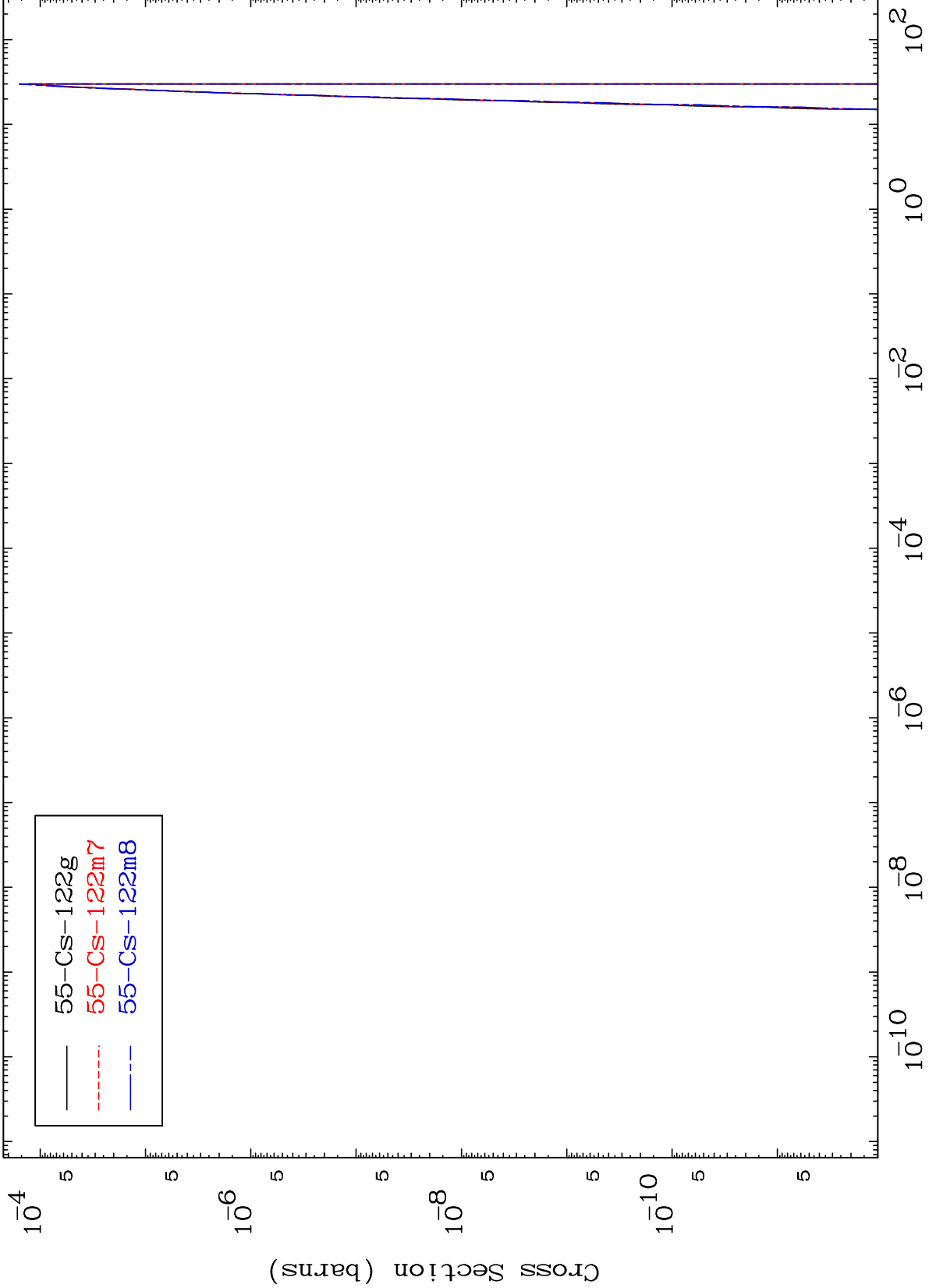
59-Pr-130

MAT 5892

(n,n') 2α

59-Pr-130

Radionuclide Production Cross Section

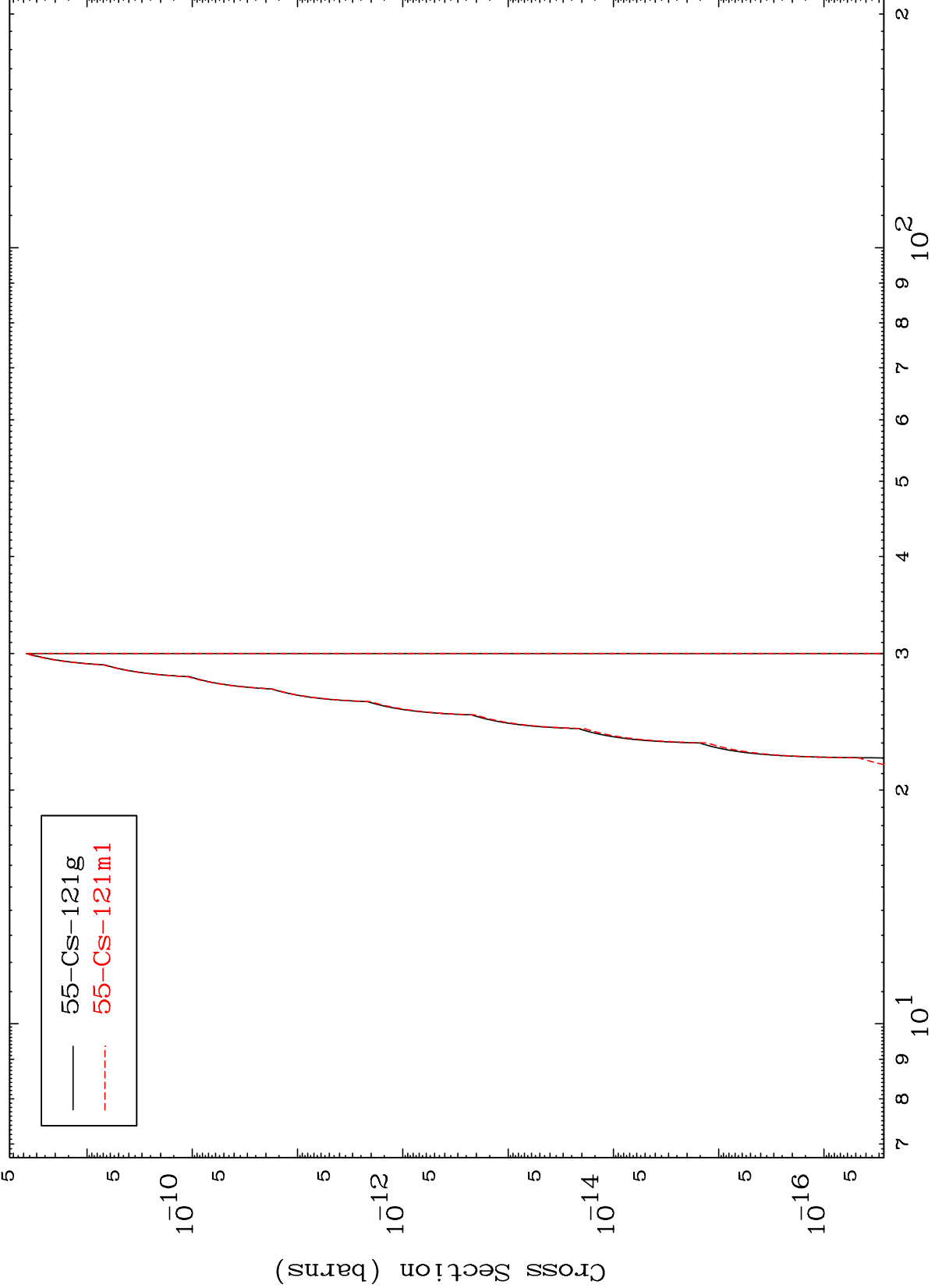


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$^{59}\text{Pr-130}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section

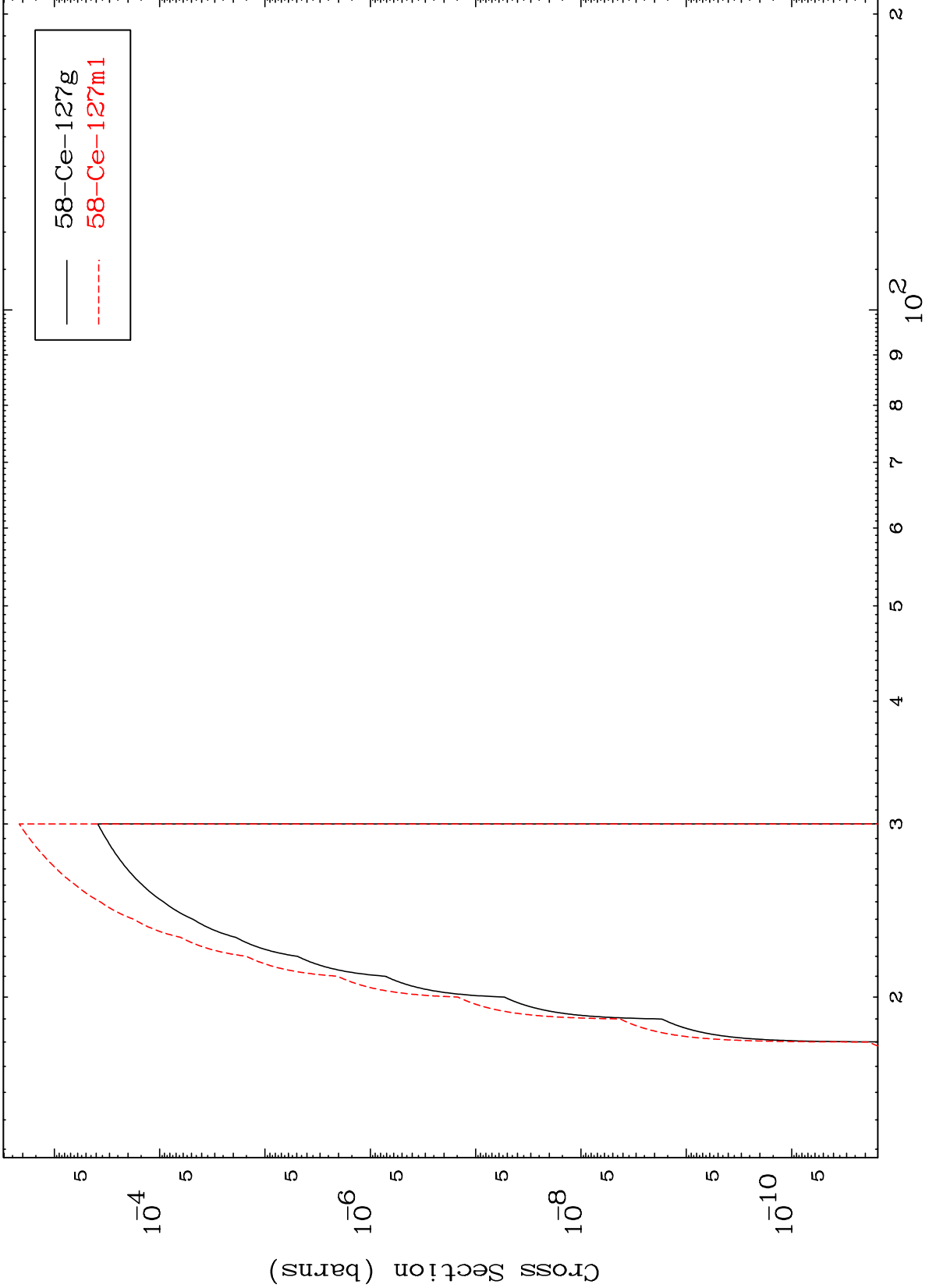


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Incident Energy (MeV)

$^{59}\text{Pr-130}$

Radionuclide Production Cross Section

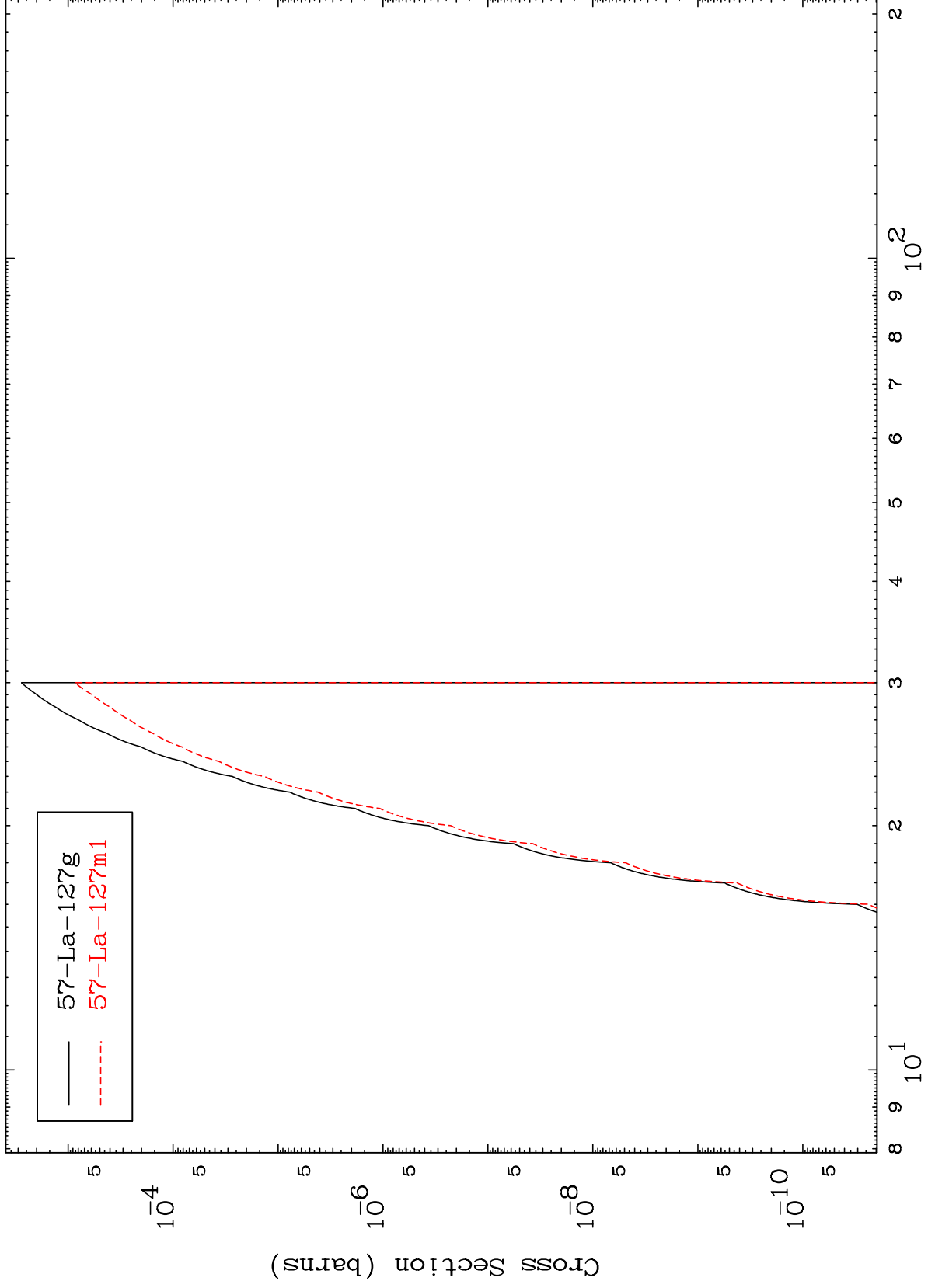


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(n,n') He-3

59-Pr-130

Radionuclide Production Cross Section

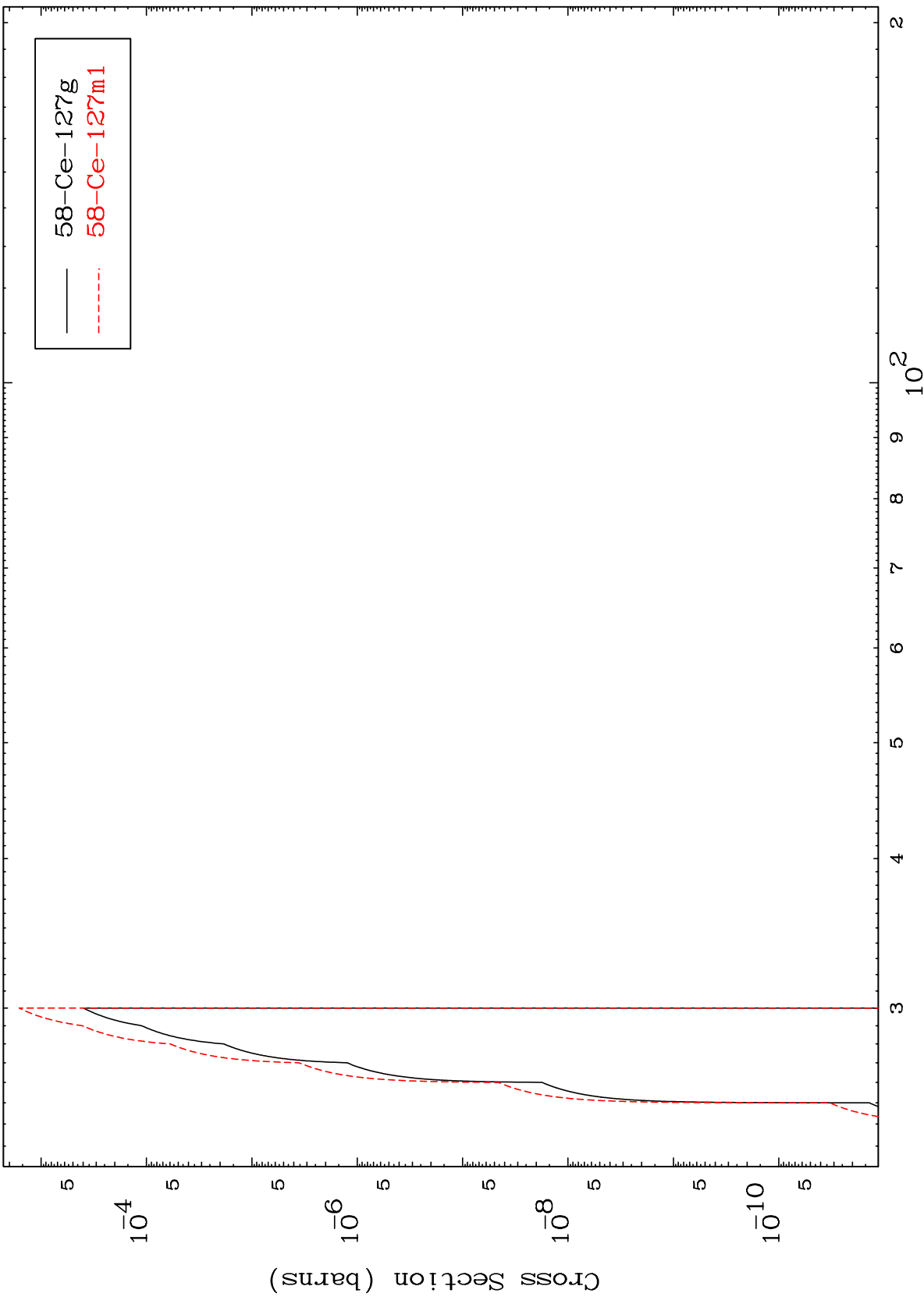


30

Incident Energy (MeV)

59-Pr-130

Radionuclide Production Cross Section



58-Ce-127g  
58-Ce-127m1

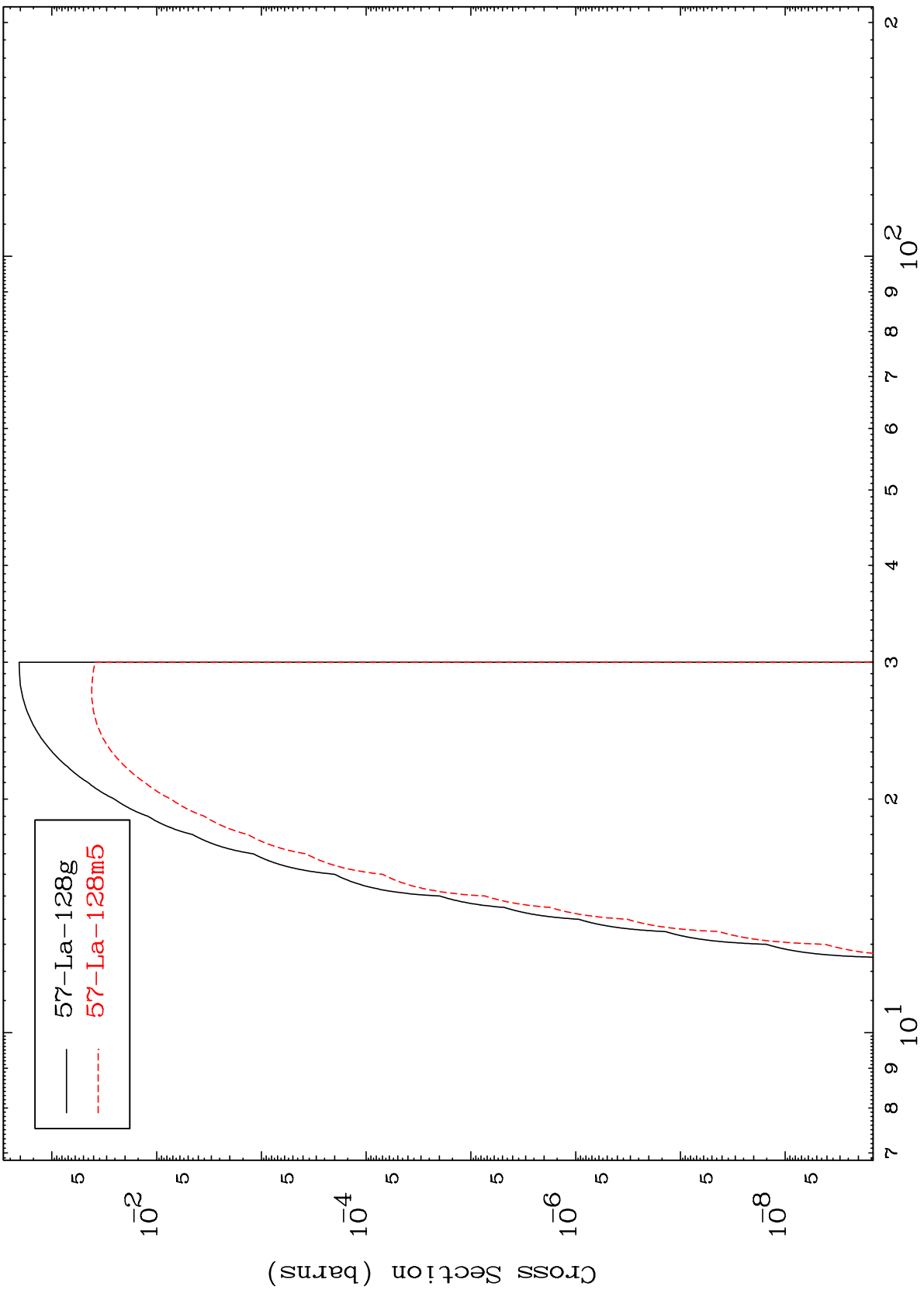


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(n,2n) p

59-Pr-130

Radionuclide Production Cross Section



57-La-128g  
57-La-128m5

32

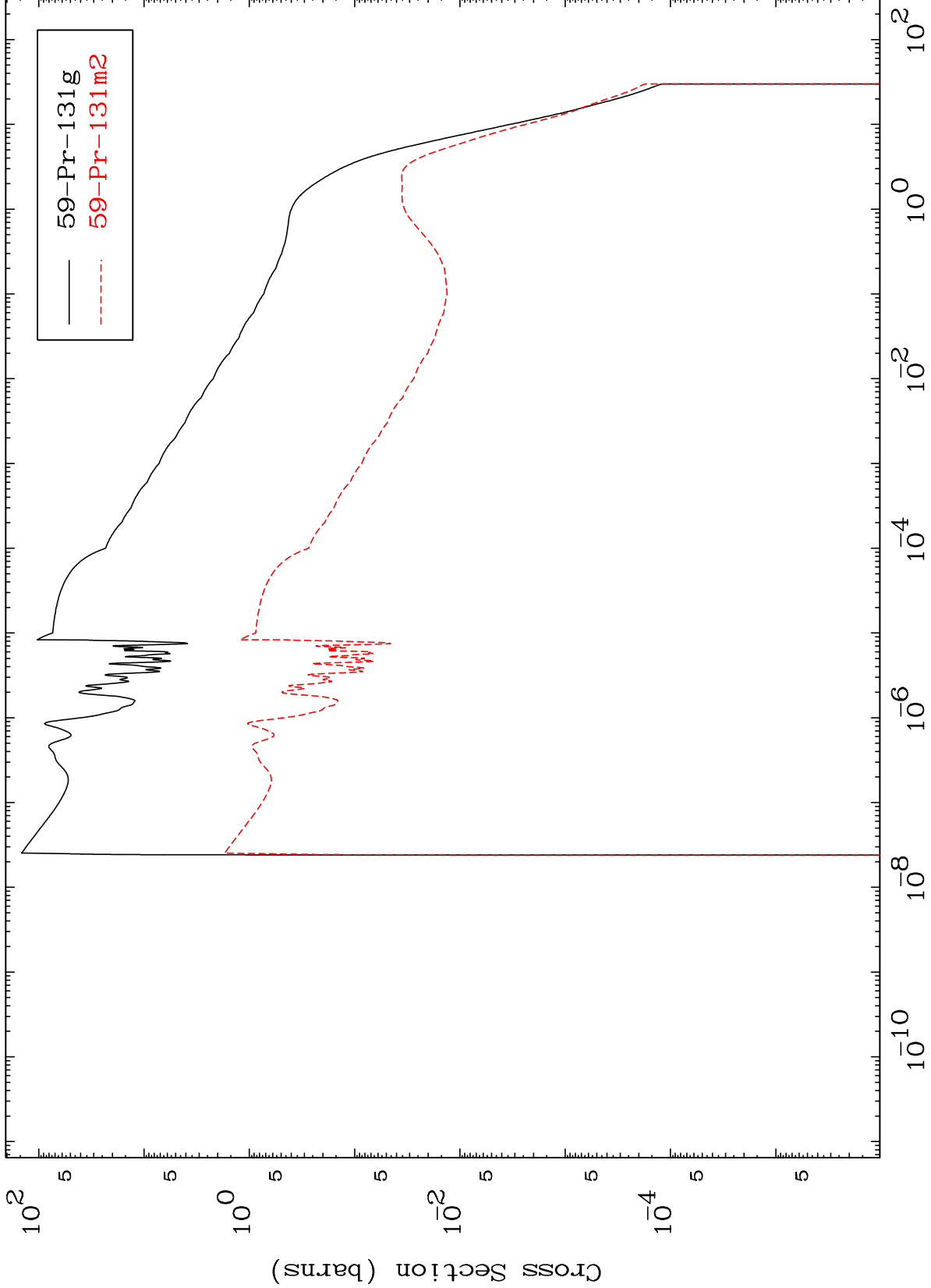
Incident Energy (MeV)

59-Pr-130

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59-Pr-130

(n,γ)  
Radionuclide Production Cross Section

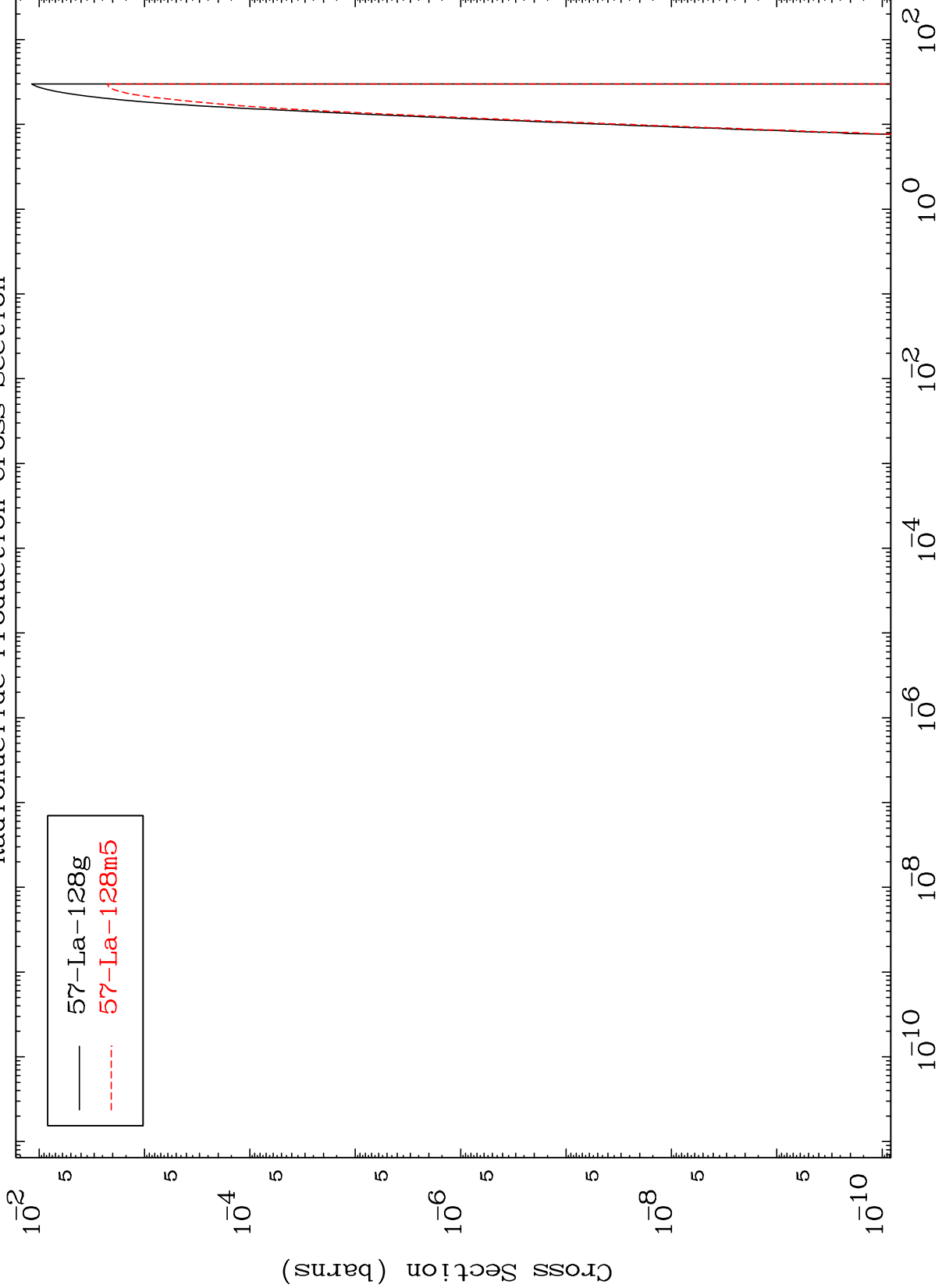


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(n,He-3)

59-Pr-130

Radionuclide Production Cross Section



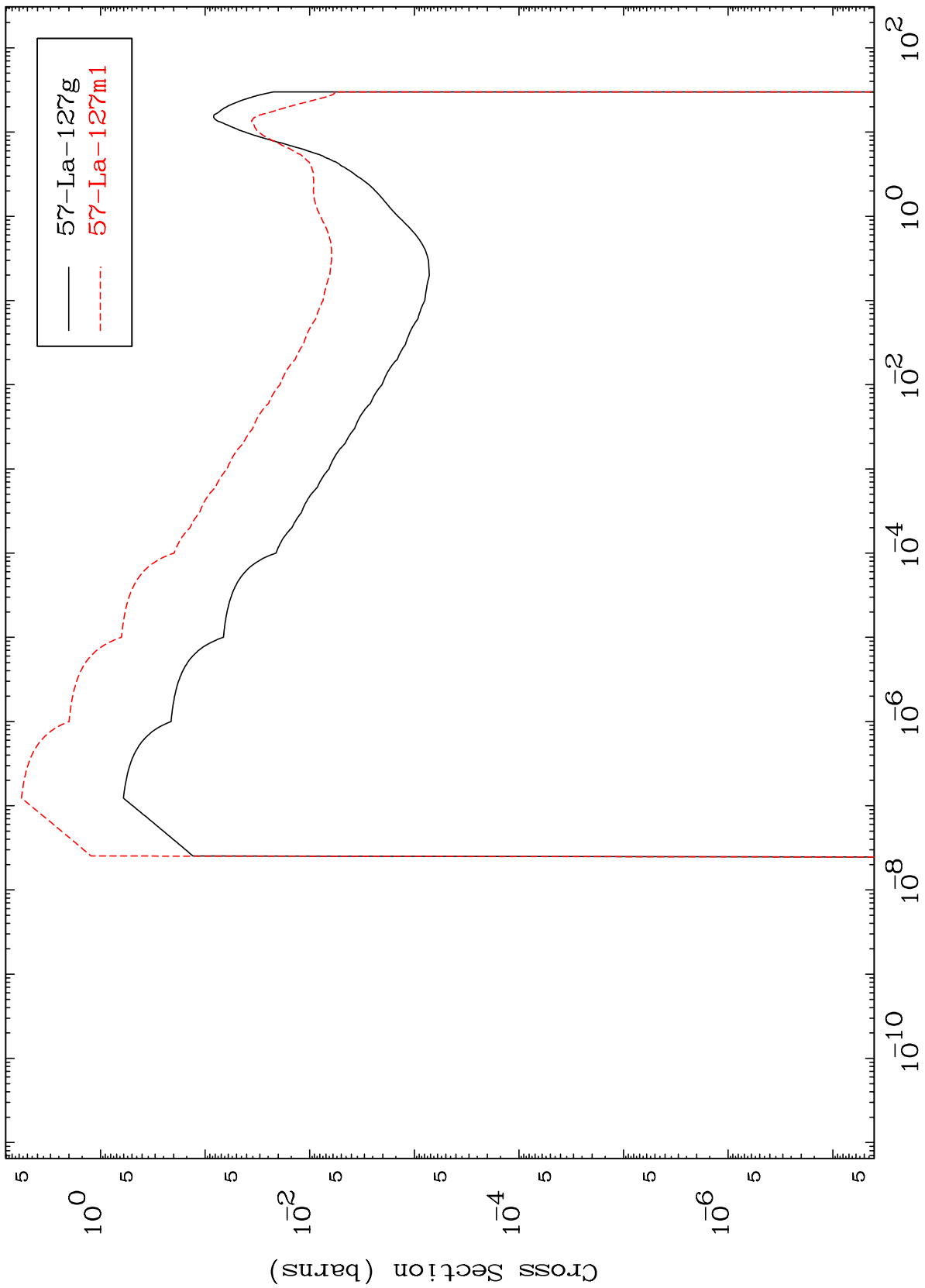
57-La-128g  
57-La-128m5

Incident Energy (MeV)

59-Pr-130

34

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

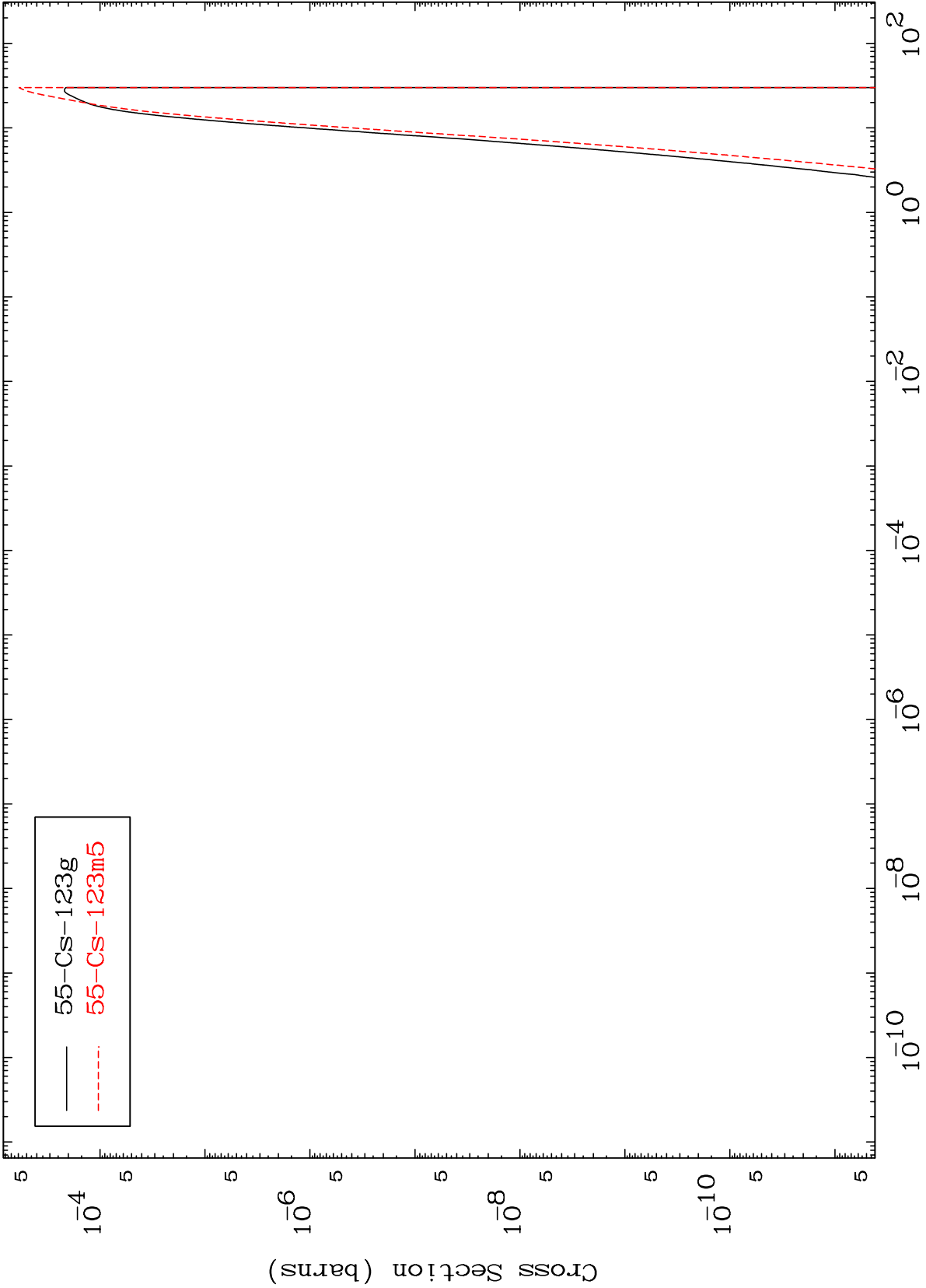


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(n,2α)

59-Pr-130

Radionuclide Production Cross Section

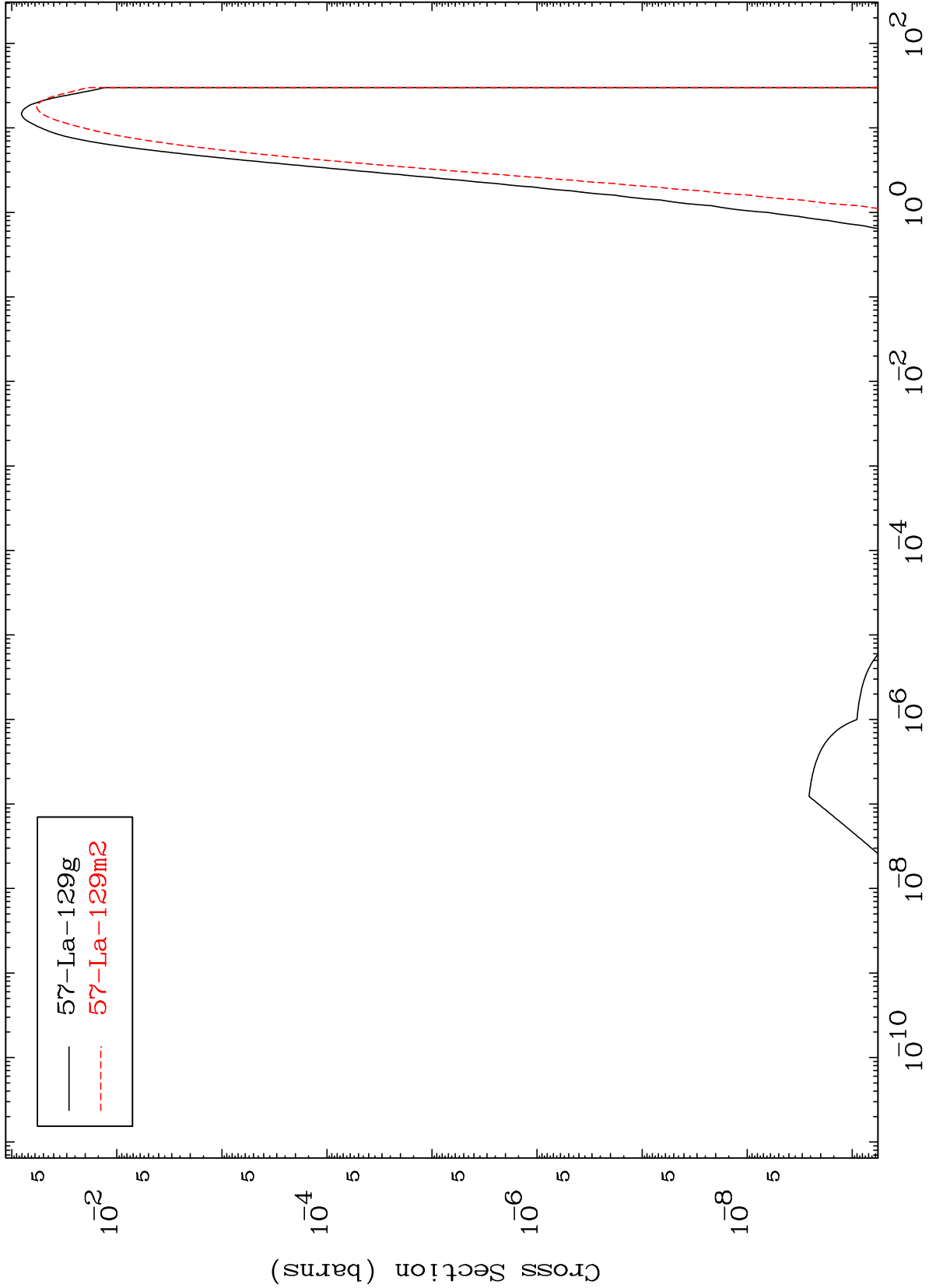


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(n,2p)

59-Pr-130

Radionuclide Production Cross Section

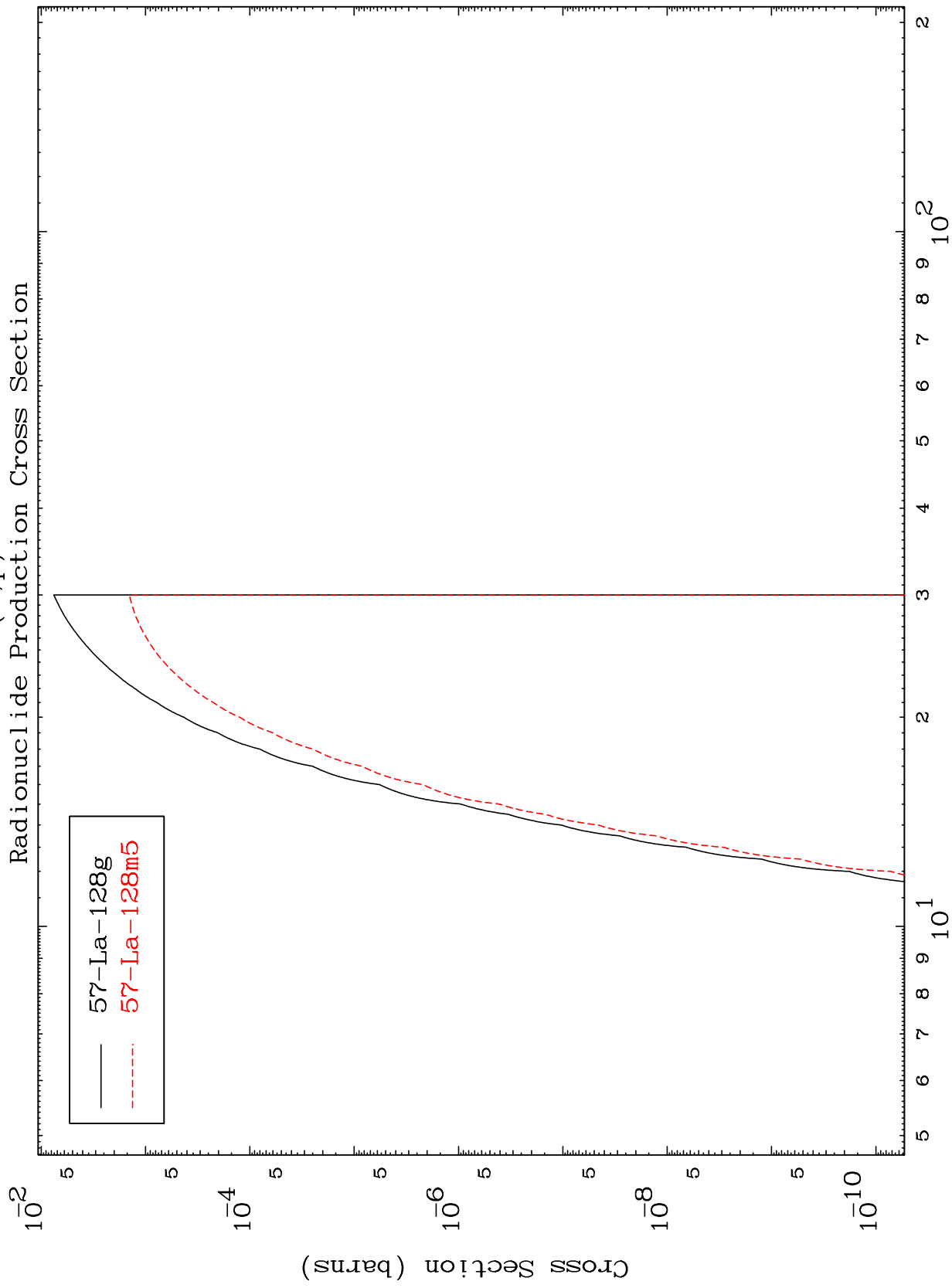


57-La-129g  
57-La-129m2

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(n,p) d

59-Pr-130



38

Incident Energy (MeV)

59-Pr-130

Radionuclide Production Cross Section

