

Program EVALPLOT  
(Version 2015-2)

by

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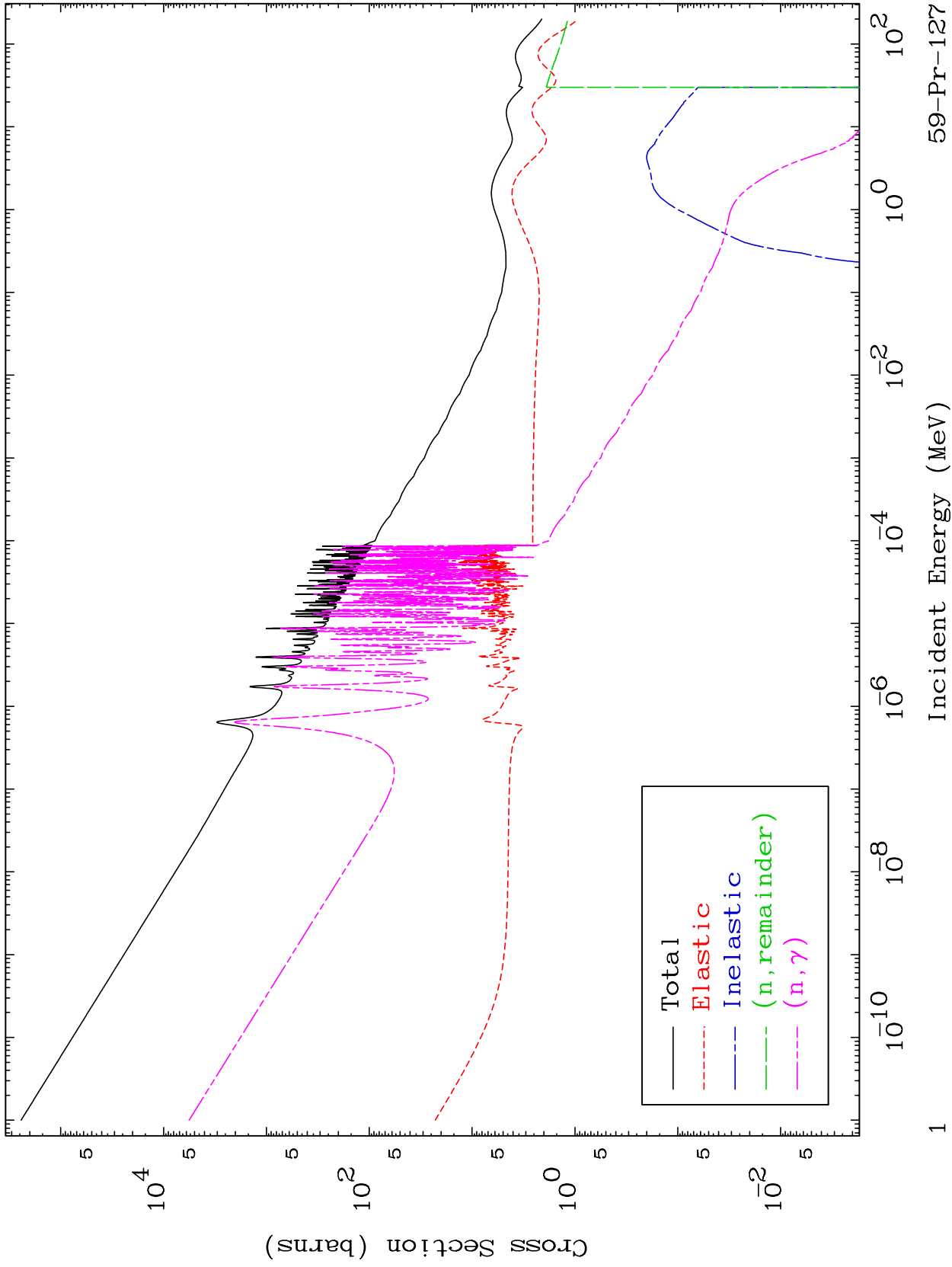
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5883

Major  
293 Kelvin Cross Sections

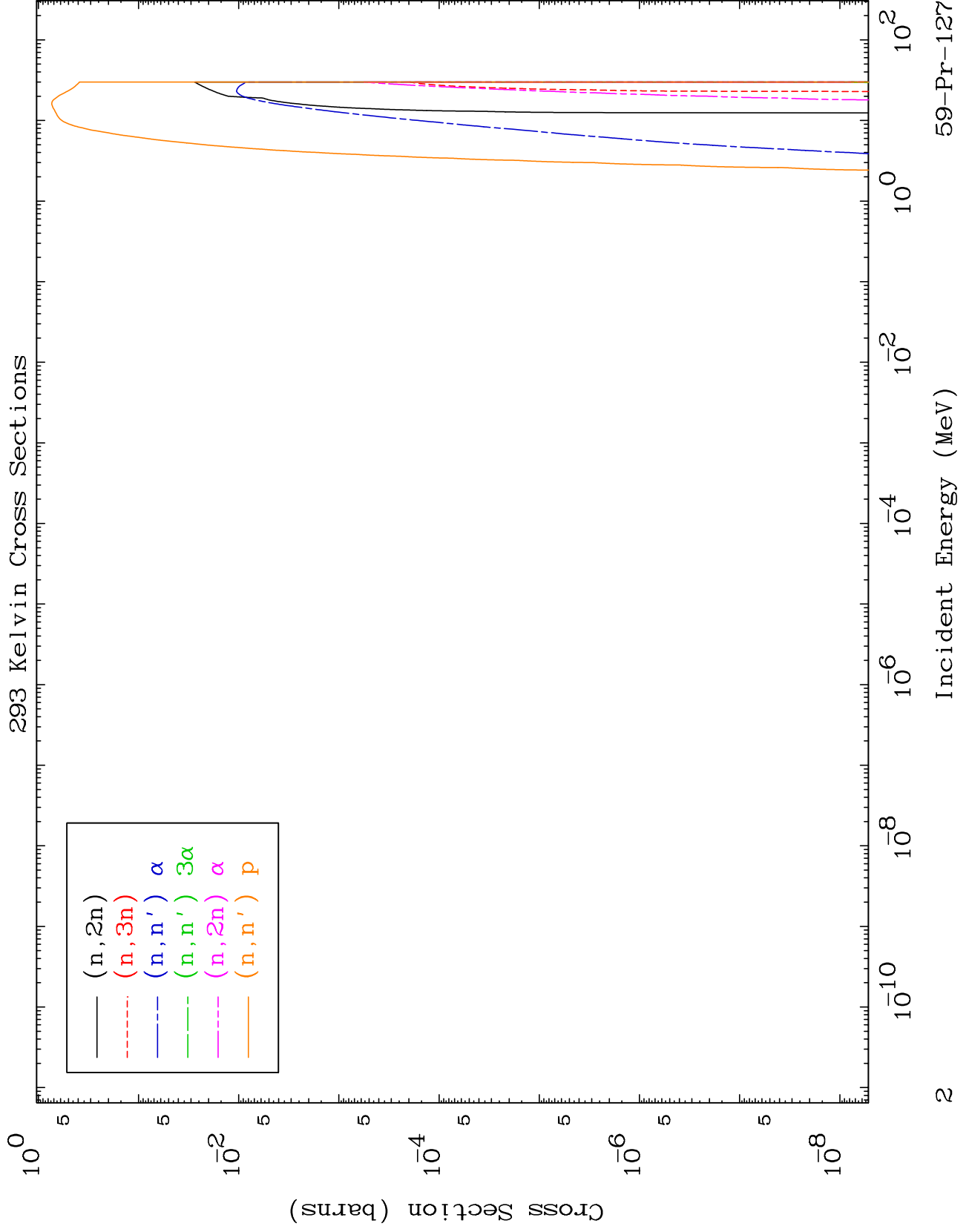
59-Pr-127



MAT 5883

Neutron Production  
293 Kelvin Cross Sections

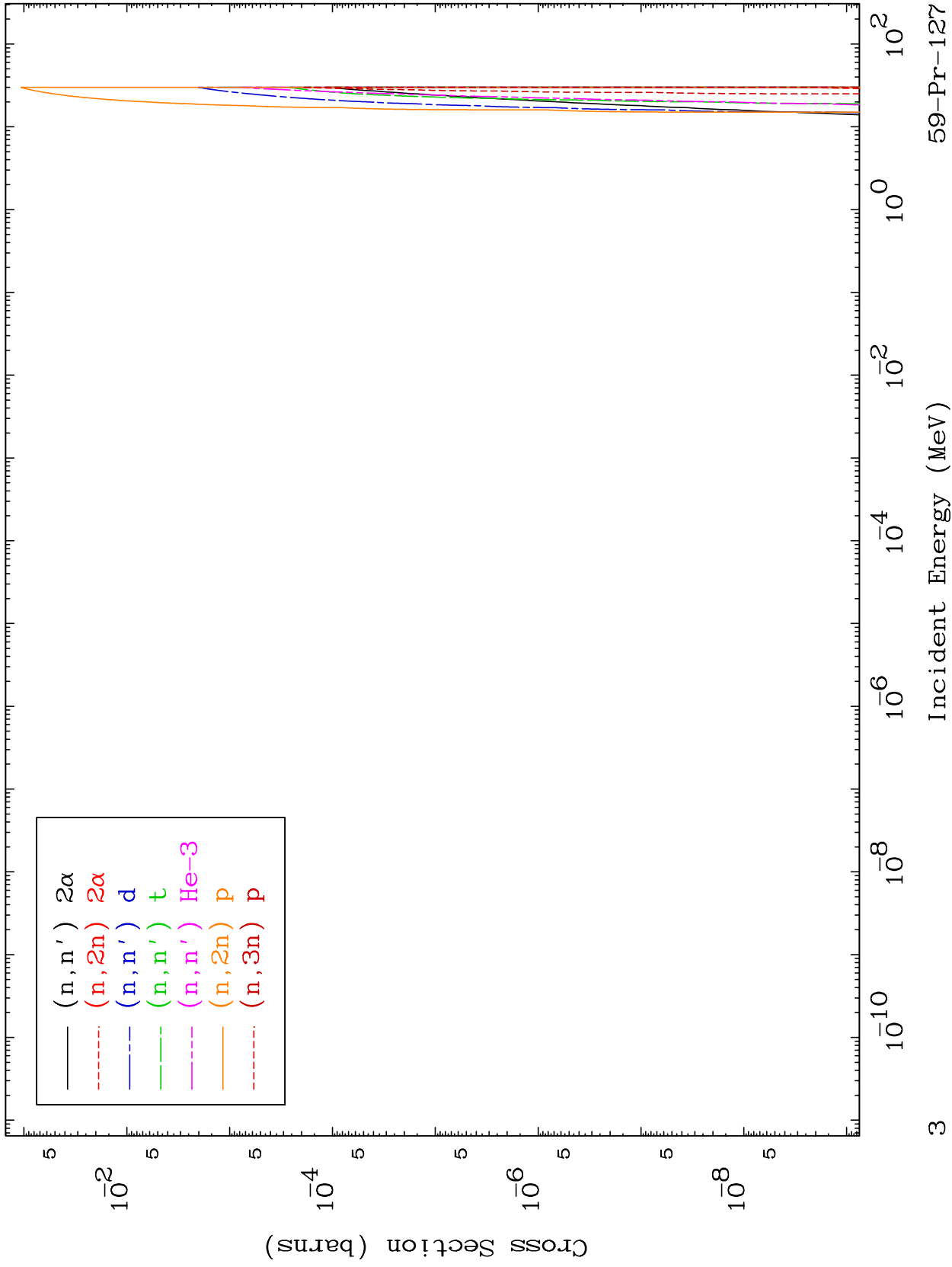
59-Pr-127



MAT 5883

Neutron Production  
293 Kelvin Cross Sections

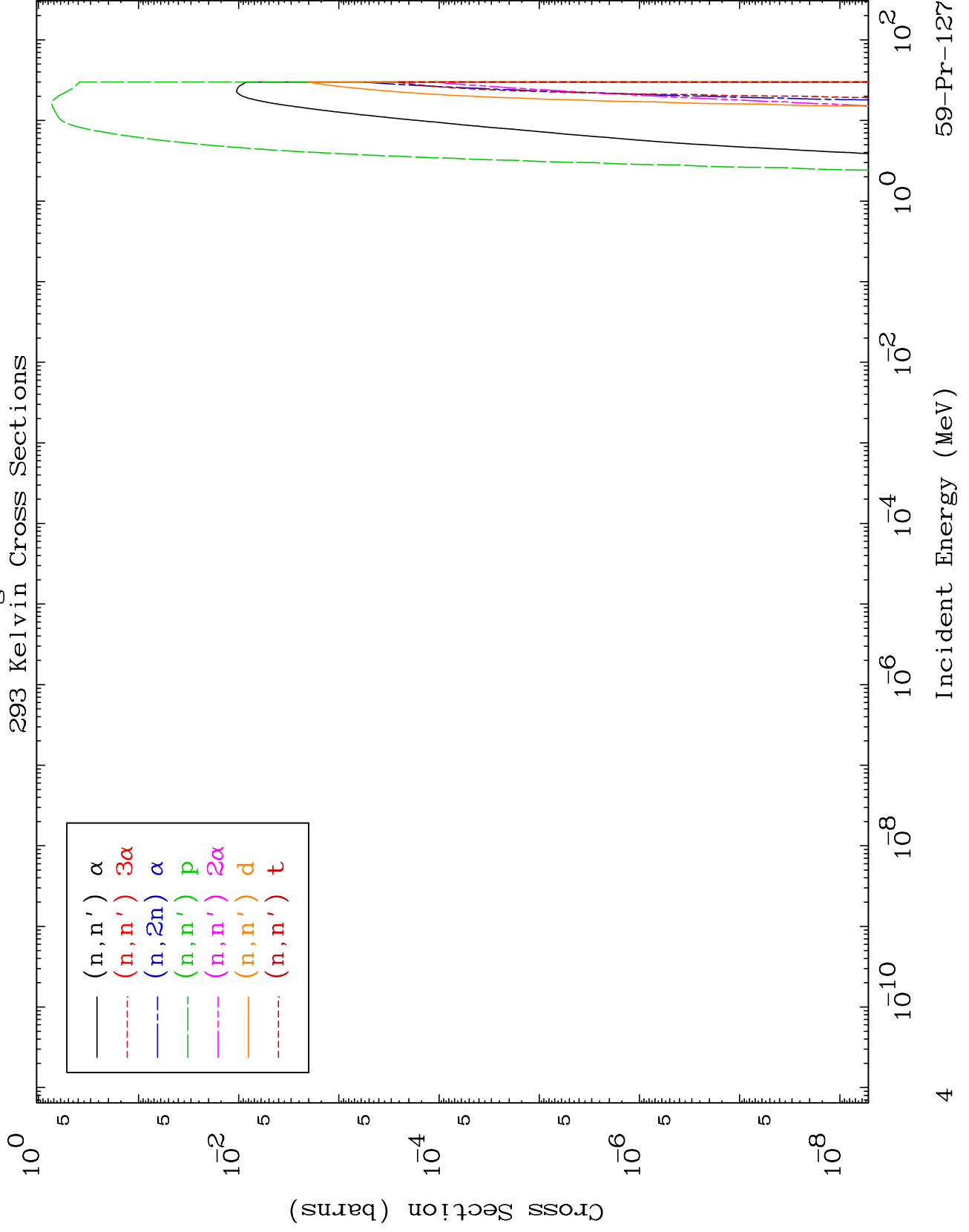
59-Pr-127



MAT 5883

Charged Particle  
293 Kelvin Cross Sections

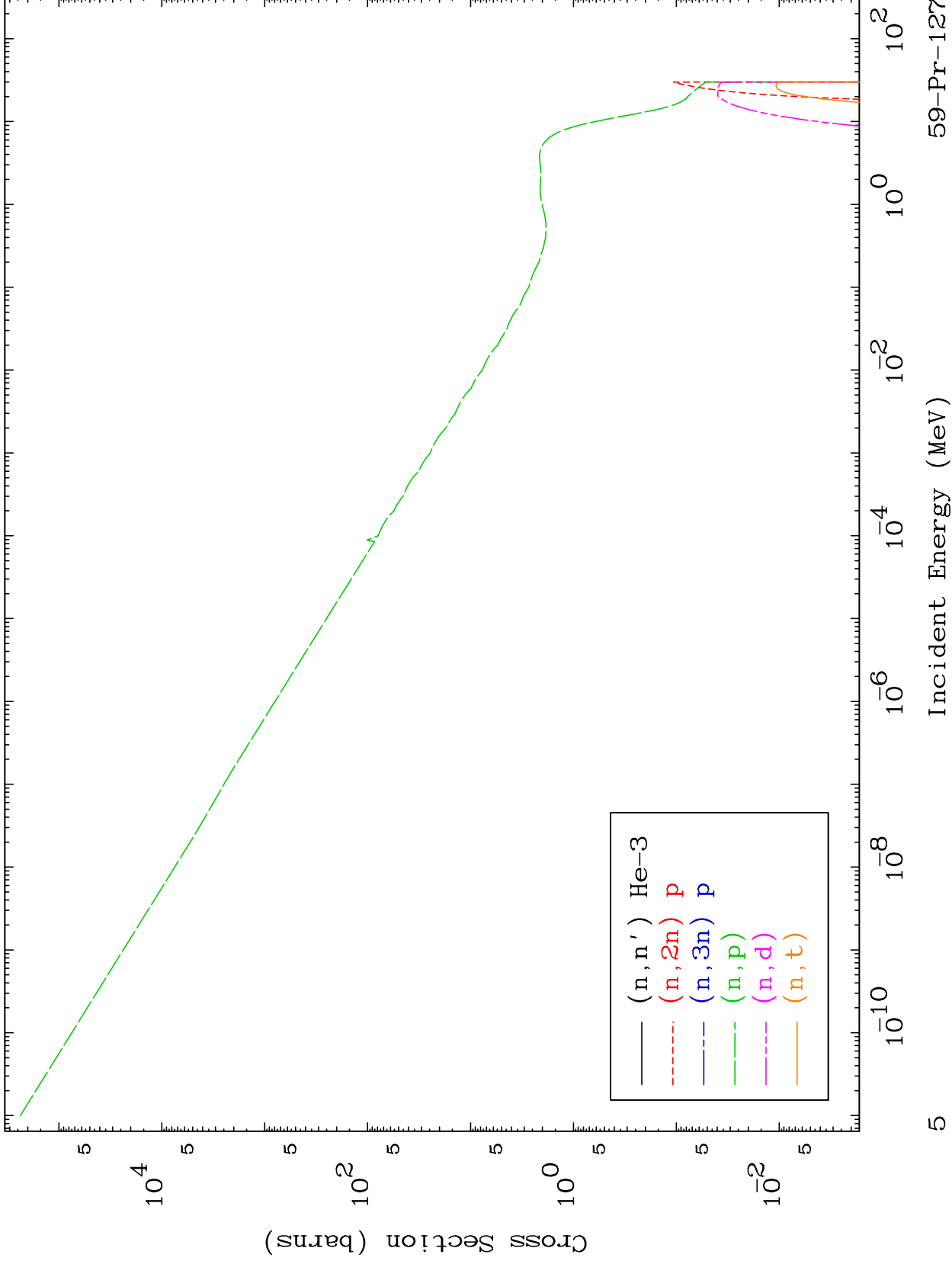
59-Pr-127



MAT 5883

Charged Particle  
293 Kelvin Cross Sections

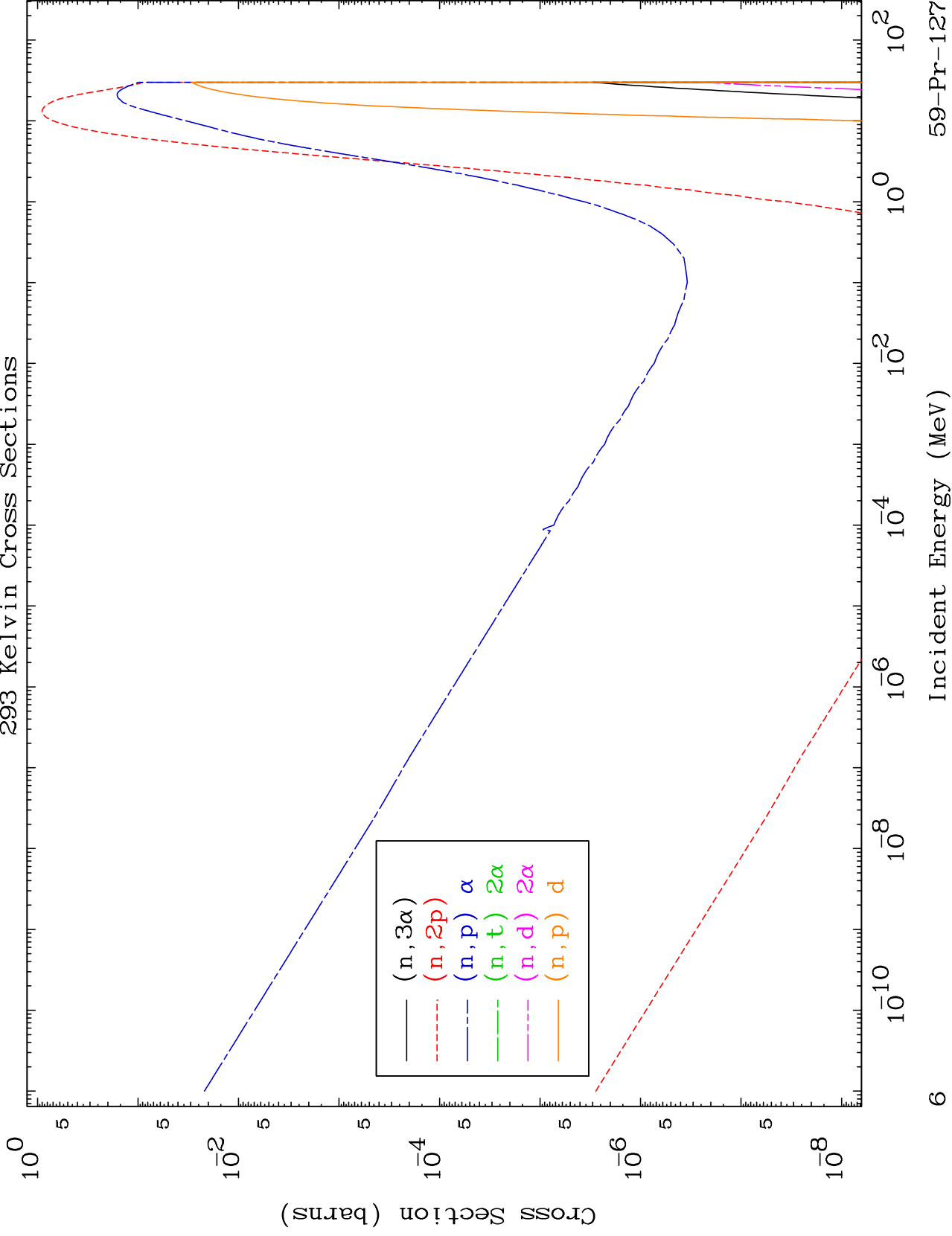
59-Pr-127



MAT 5883

Charged Particle  
293 Kelvin Cross Sections

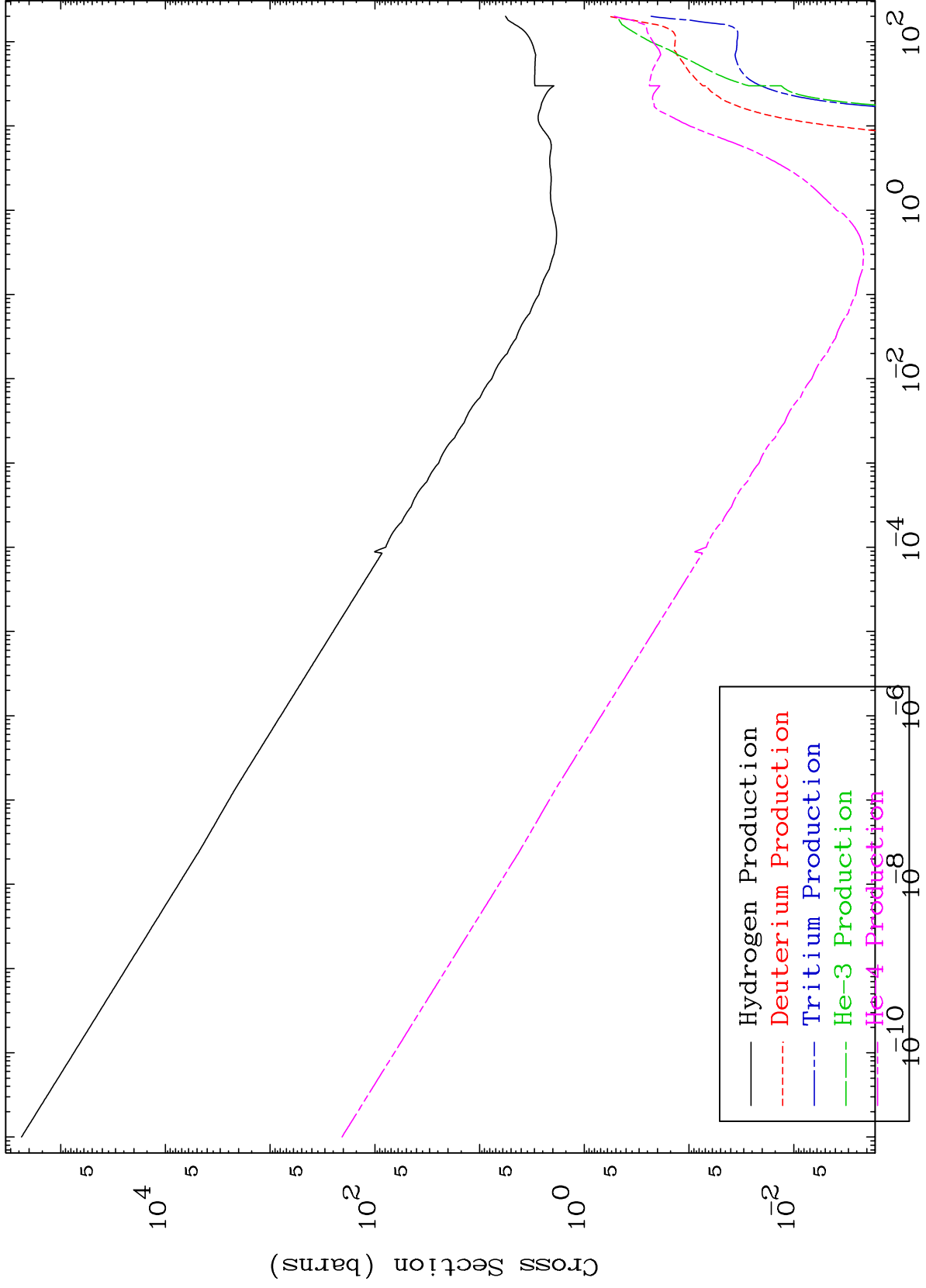
59-Pr-127



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Particle Production  
293 Kelvin Cross Sections

59-Pr-127



59-Pr-127

Incident Energy (MeV)

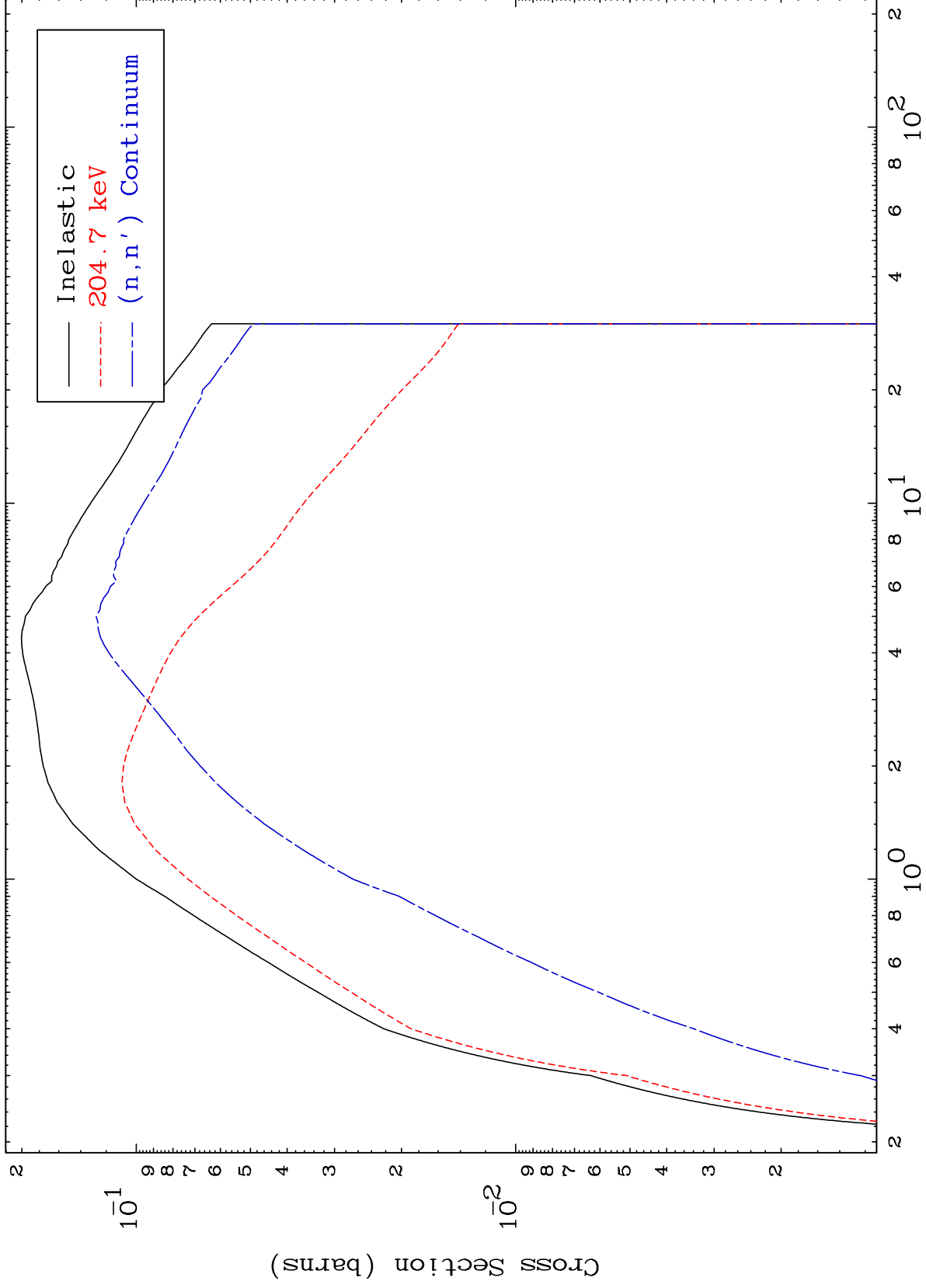


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(n,n') Level

59-Pr-127

293 Kelvin Cross Sections



Incident Energy (MeV)

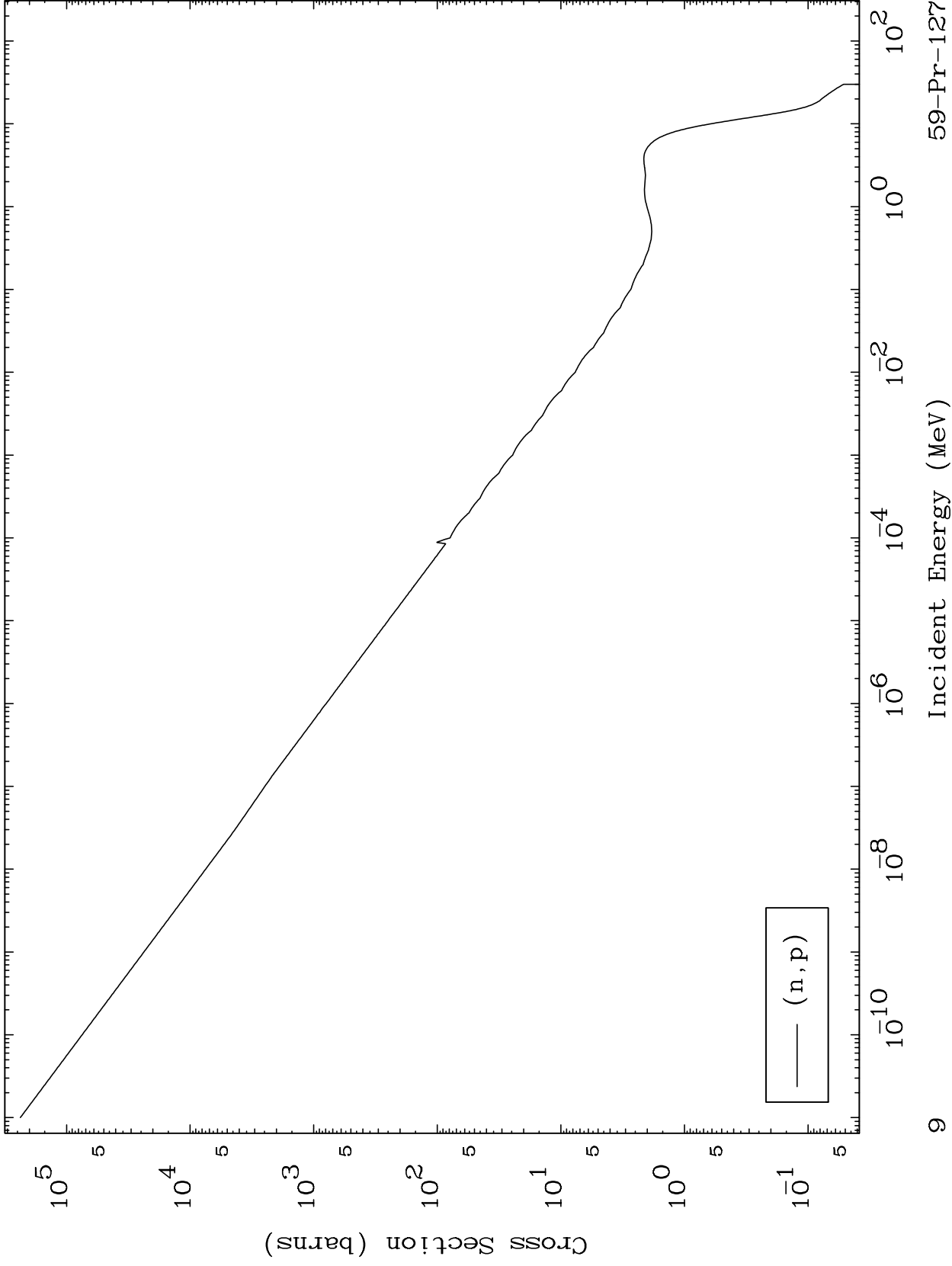
59-Pr-127

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(n,p) Levels  
293 Kelvin Cross Sections

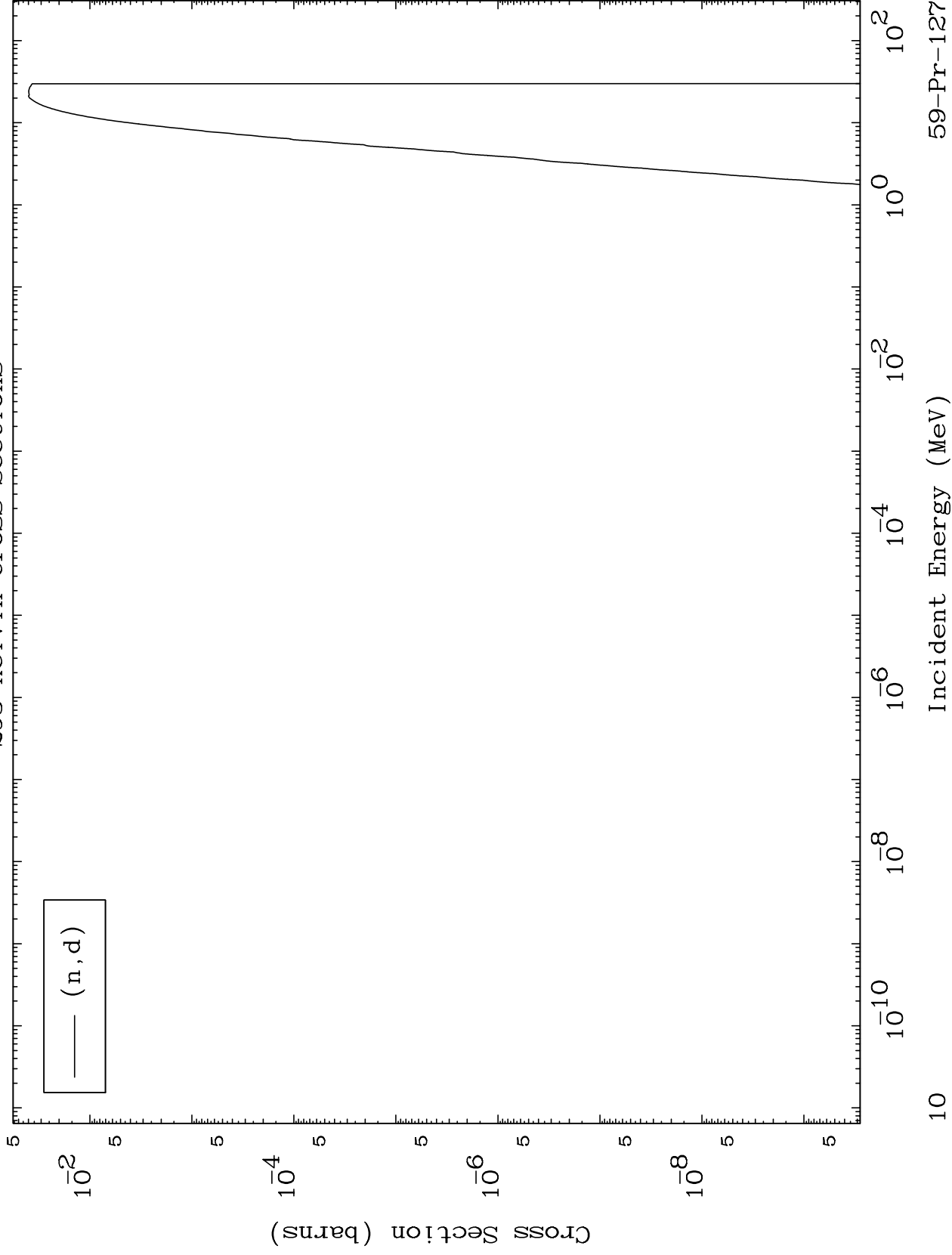
59-Pr-127



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(n,d) Levels  
293 Kelvin Cross Sections

59-Pr-127



10

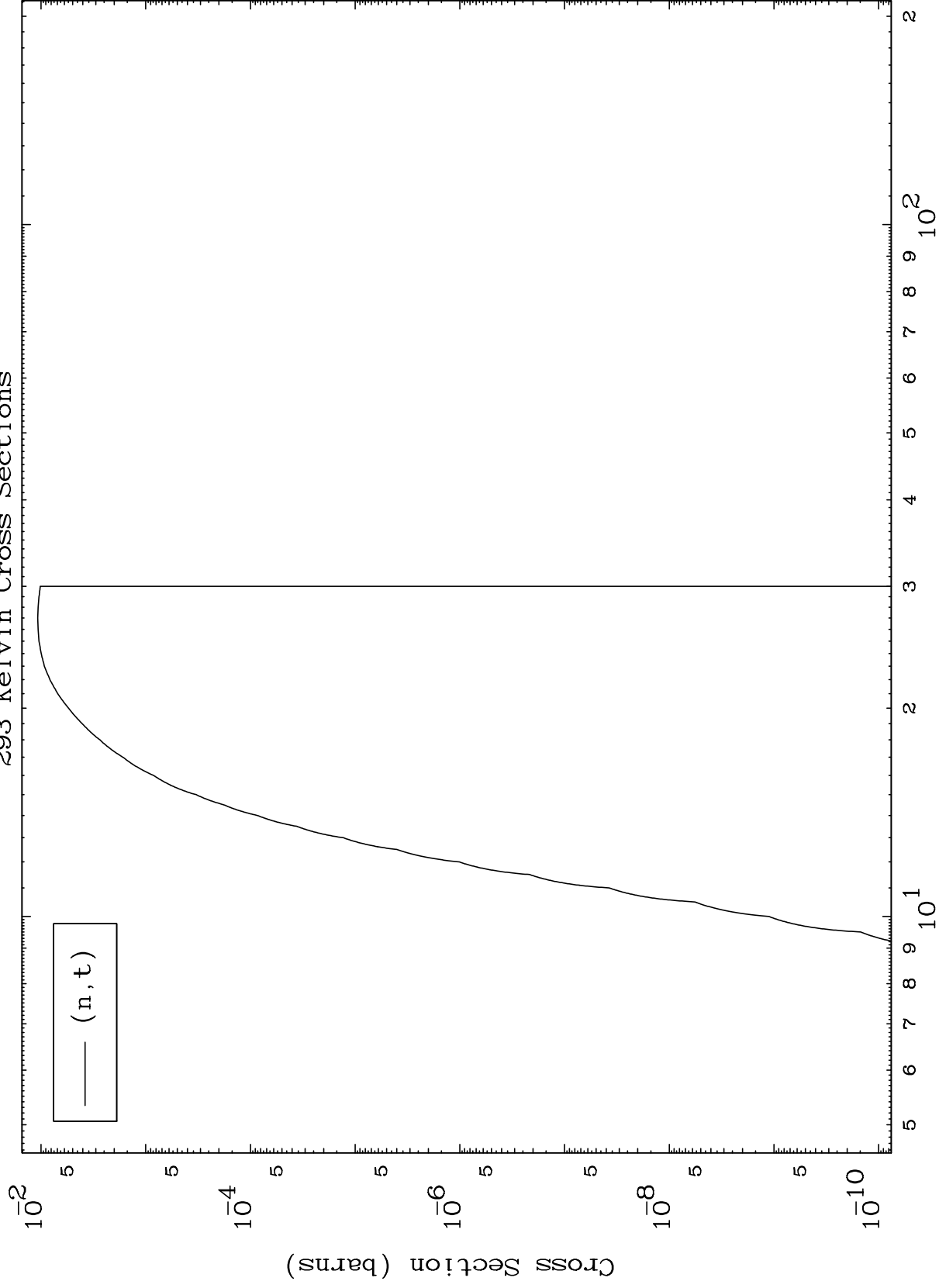
Incident Energy (MeV)

59-Pr-127

MAT 5883

(n,t) Levels  
293 Kelvin Cross Sections

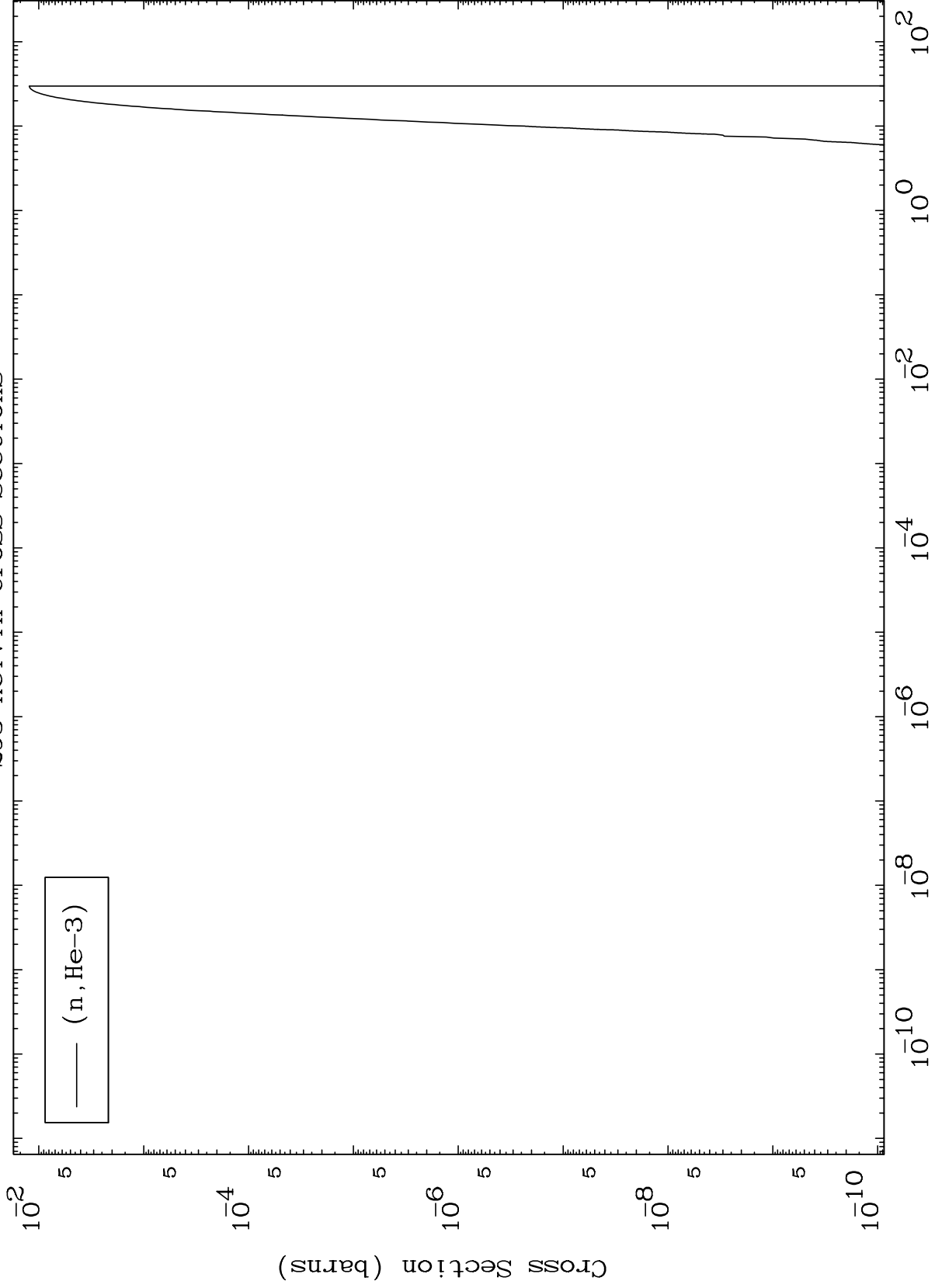
59-Pr-127



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(n,He3) Levels  
293 Kelvin Cross Sections

59-Pr-127



12

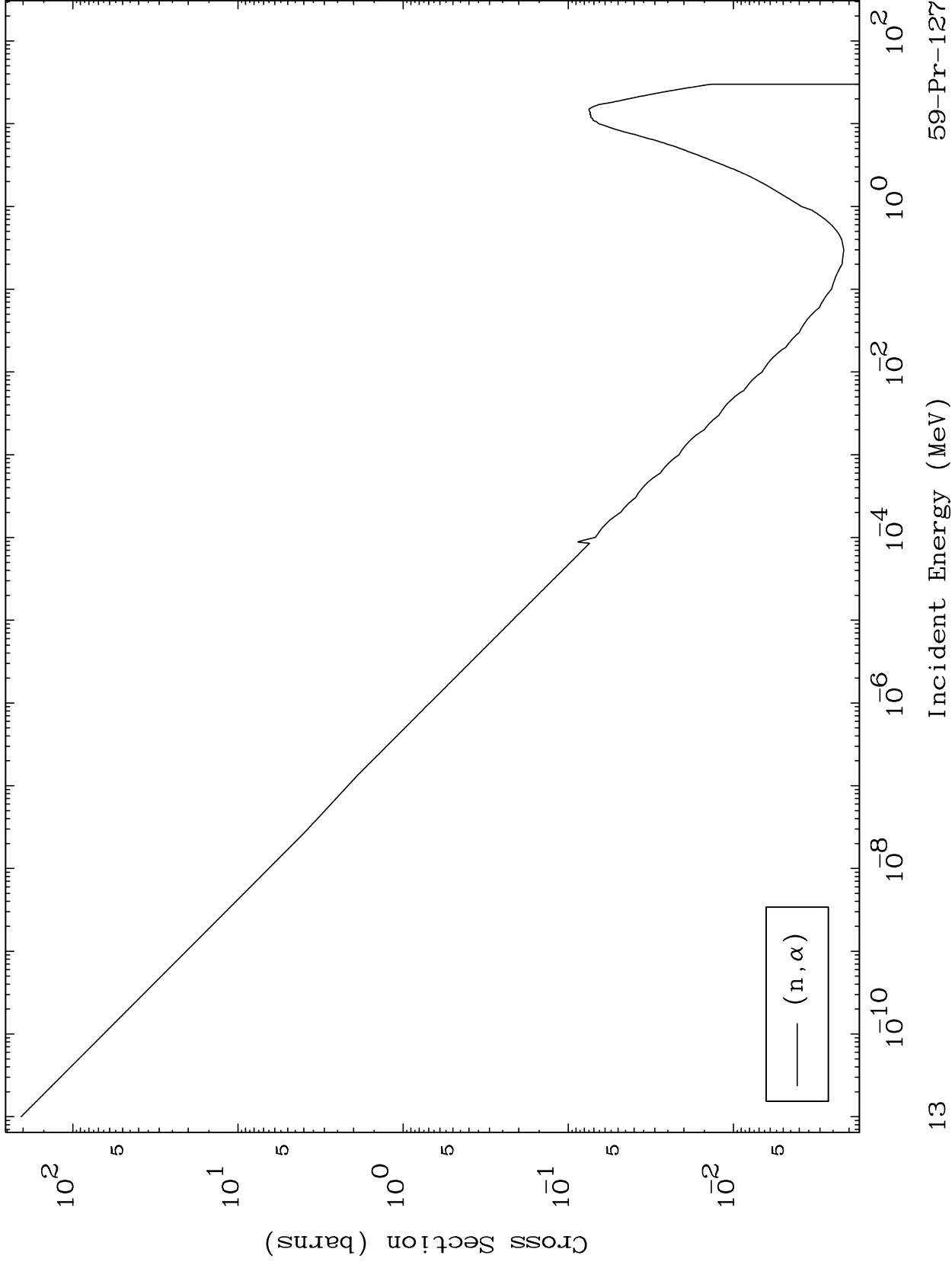
Incident Energy (MeV)

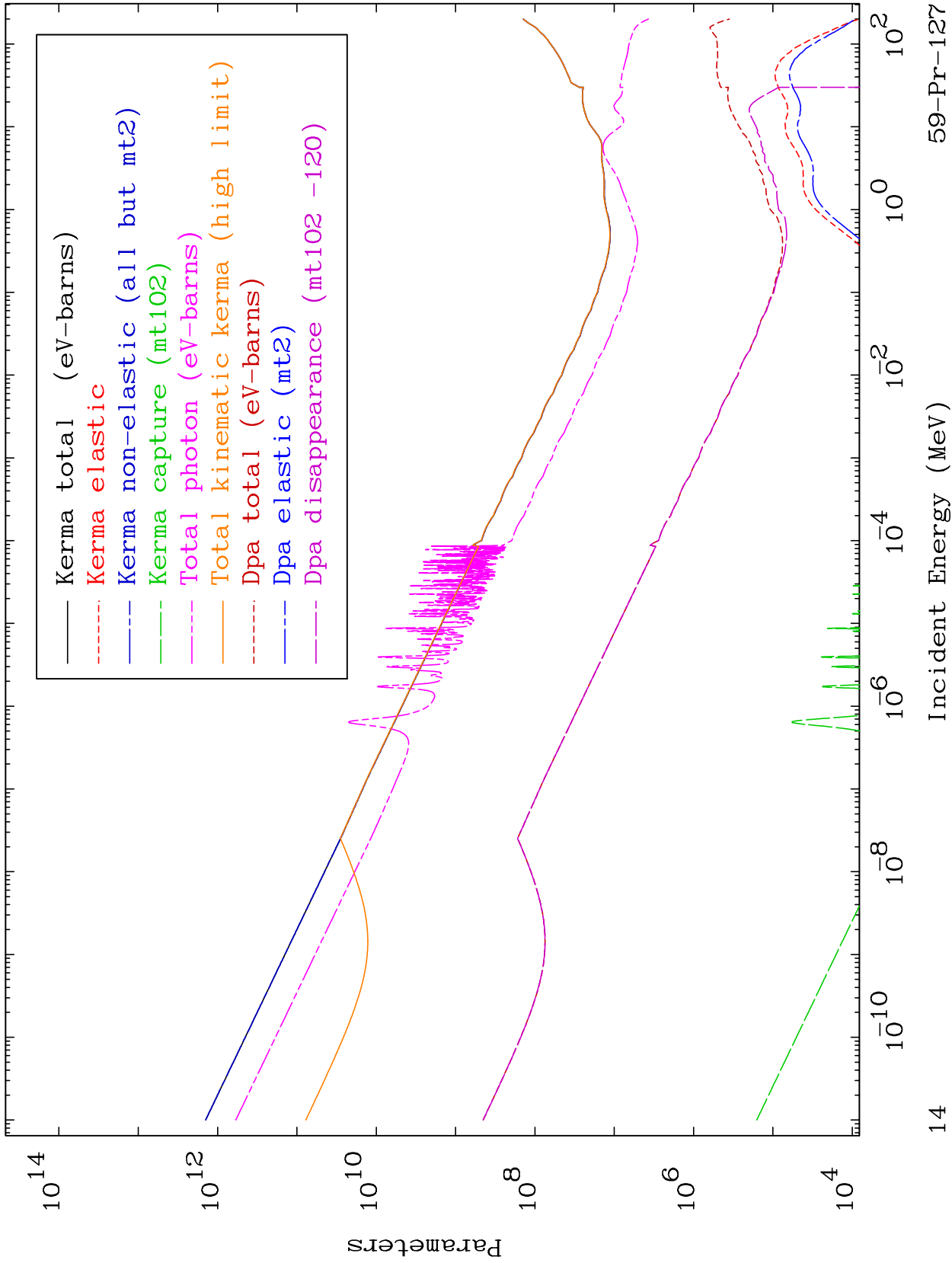
59-Pr-127

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(n,α) Levels  
293 Kelvin Cross Sections

59-Pr-127

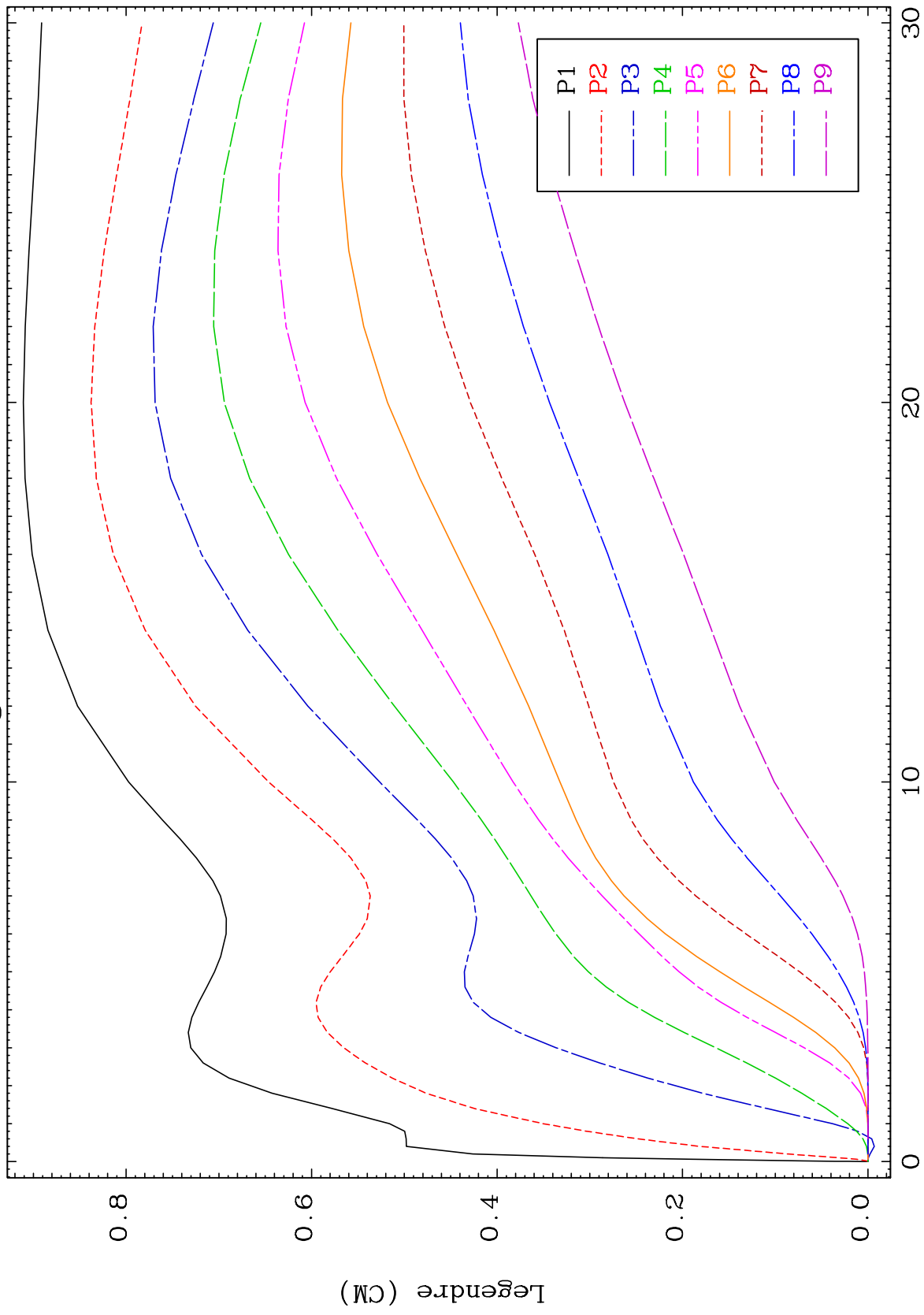




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Elastic Legendre Coefficients

59-Pr-127



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Incident Energy (MeV)

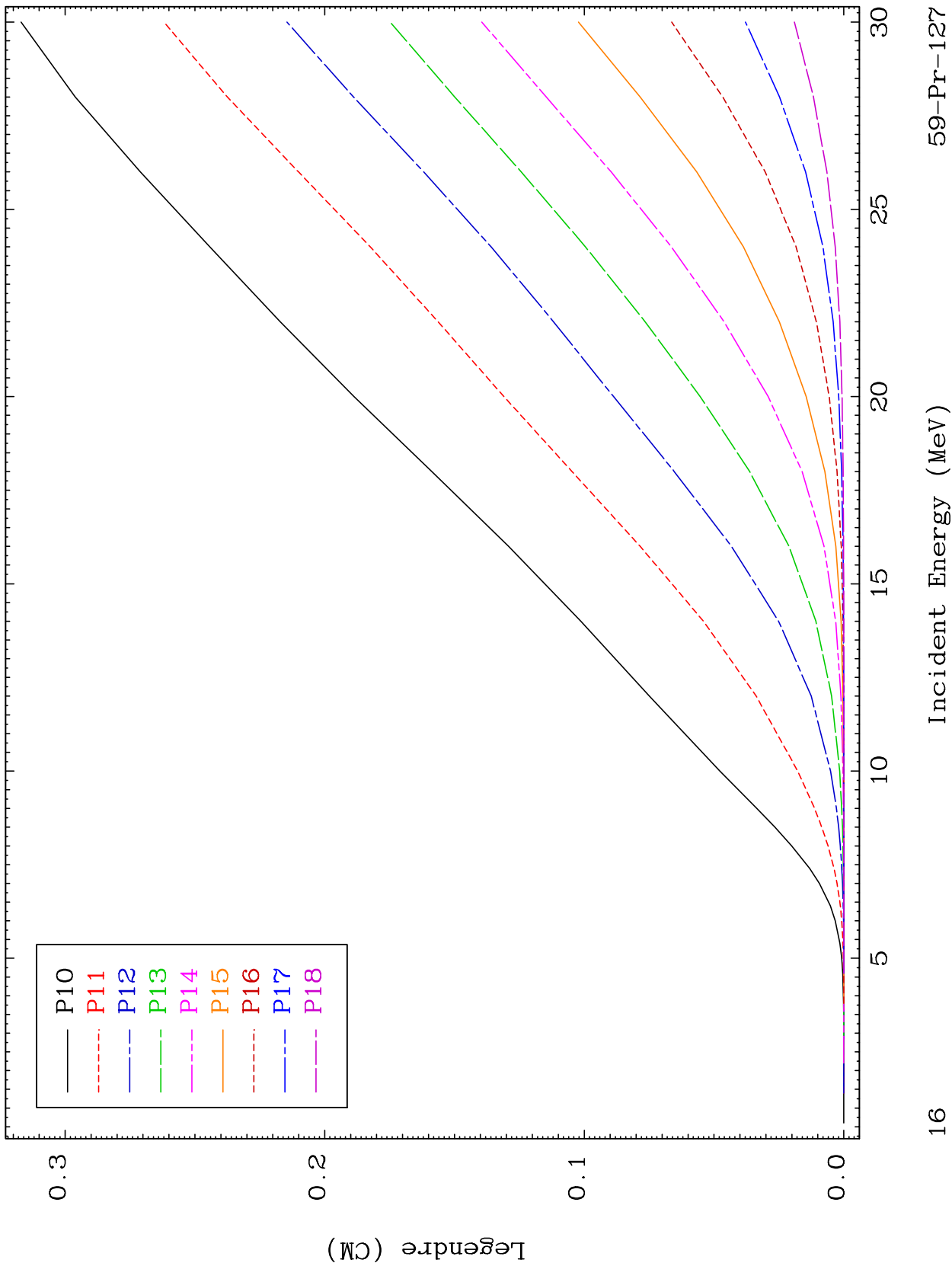
59-Pr-127



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Elastic Legendre Coefficients

59-Pr-127



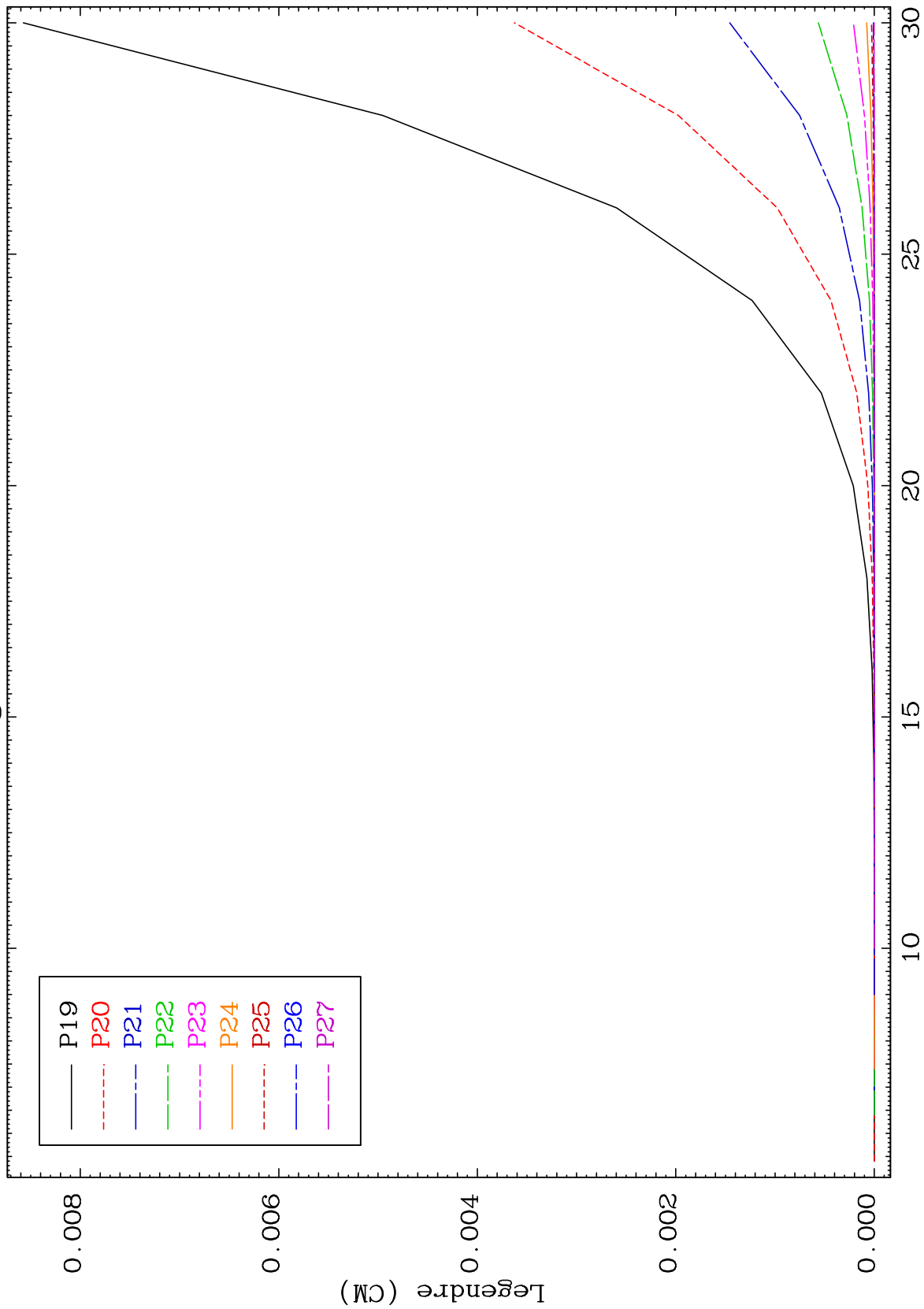
16

59-Pr-127

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Elastic Legendre Coefficients

59-Pr-127



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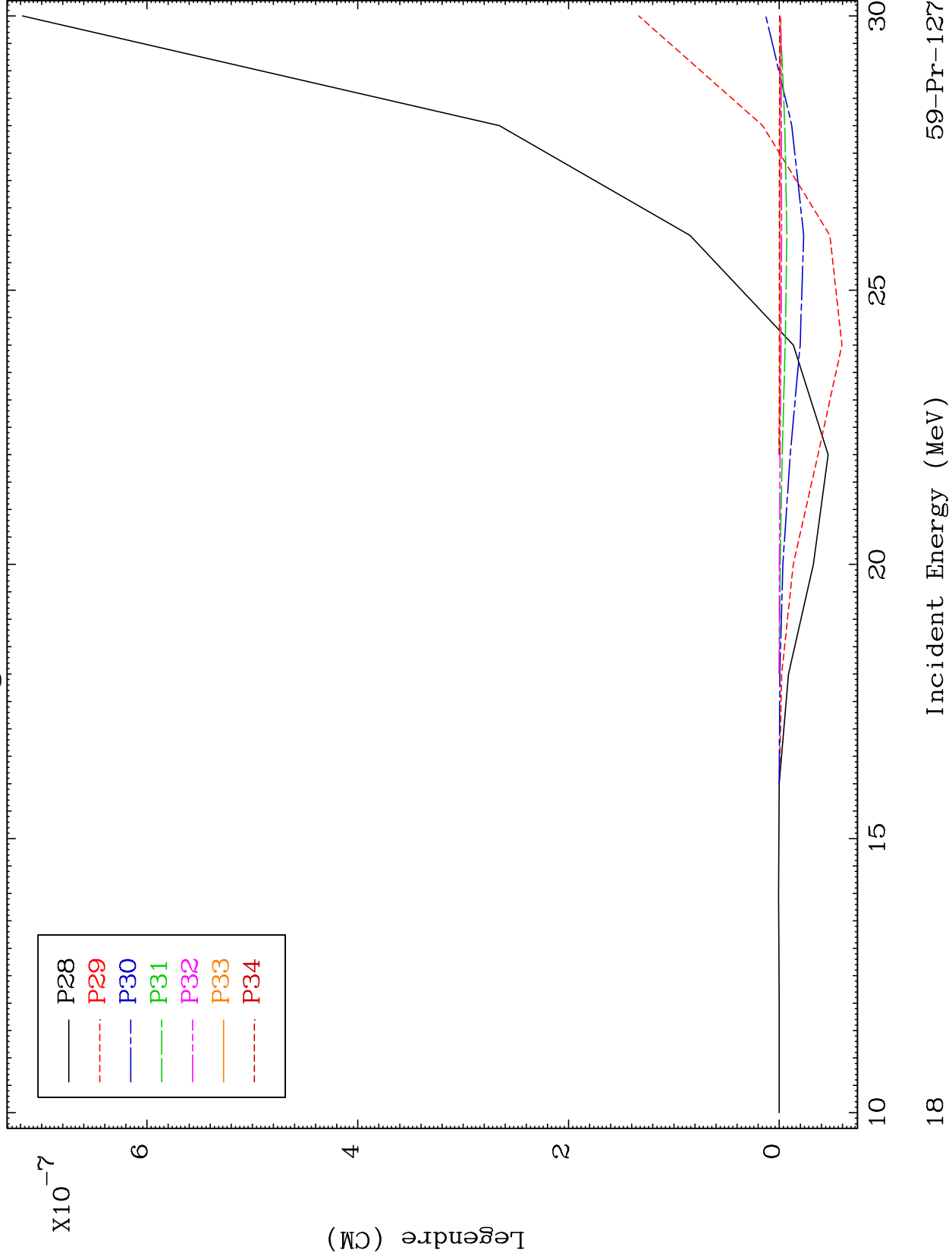
Incident Energy (MeV)

59-Pr-127

MAT 5883

Elastic Legendre Coefficients

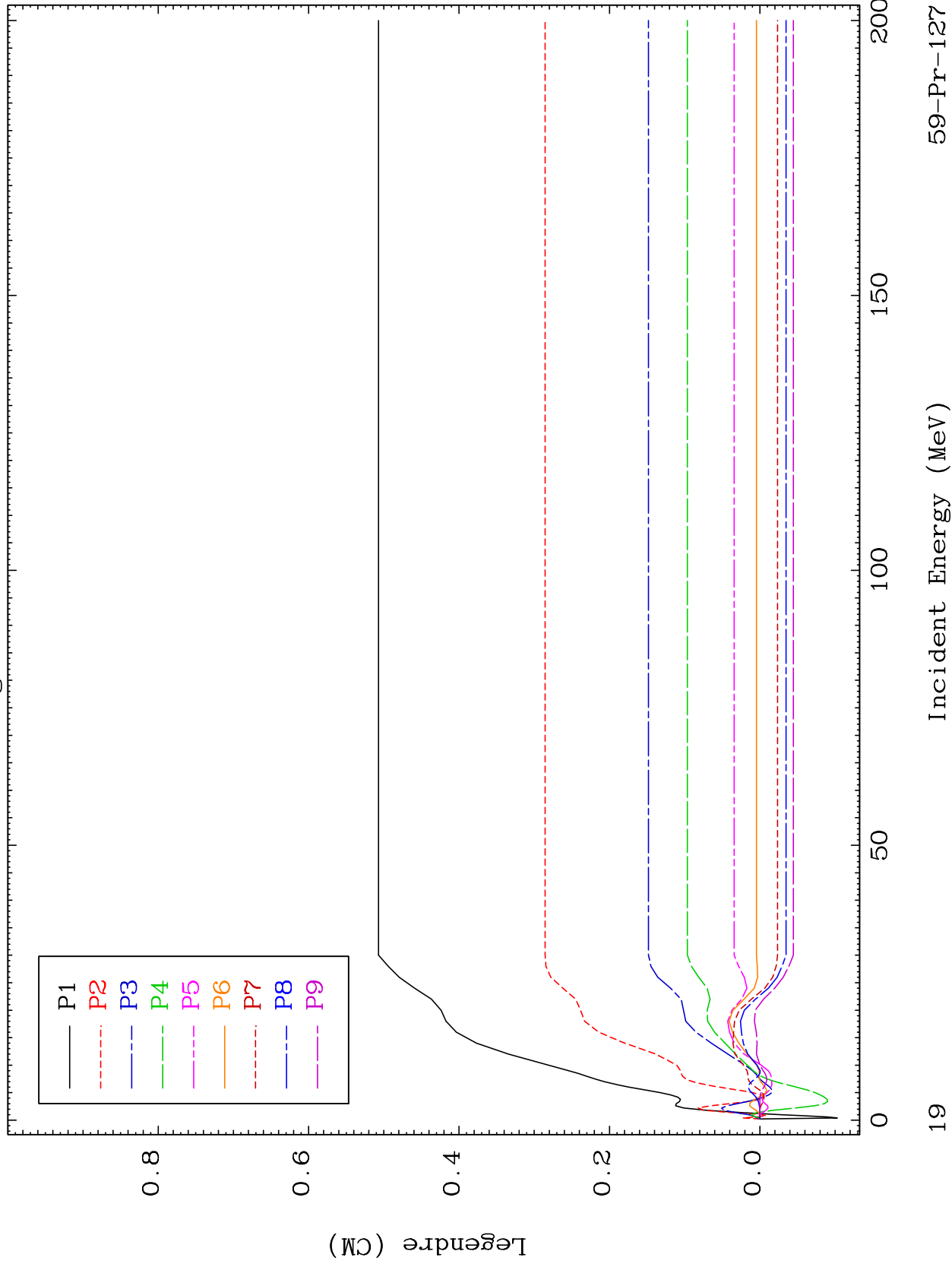
59-Pr-127



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204.7 keV (n,n') Level  
Legendre Coefficients

59-Pr-127



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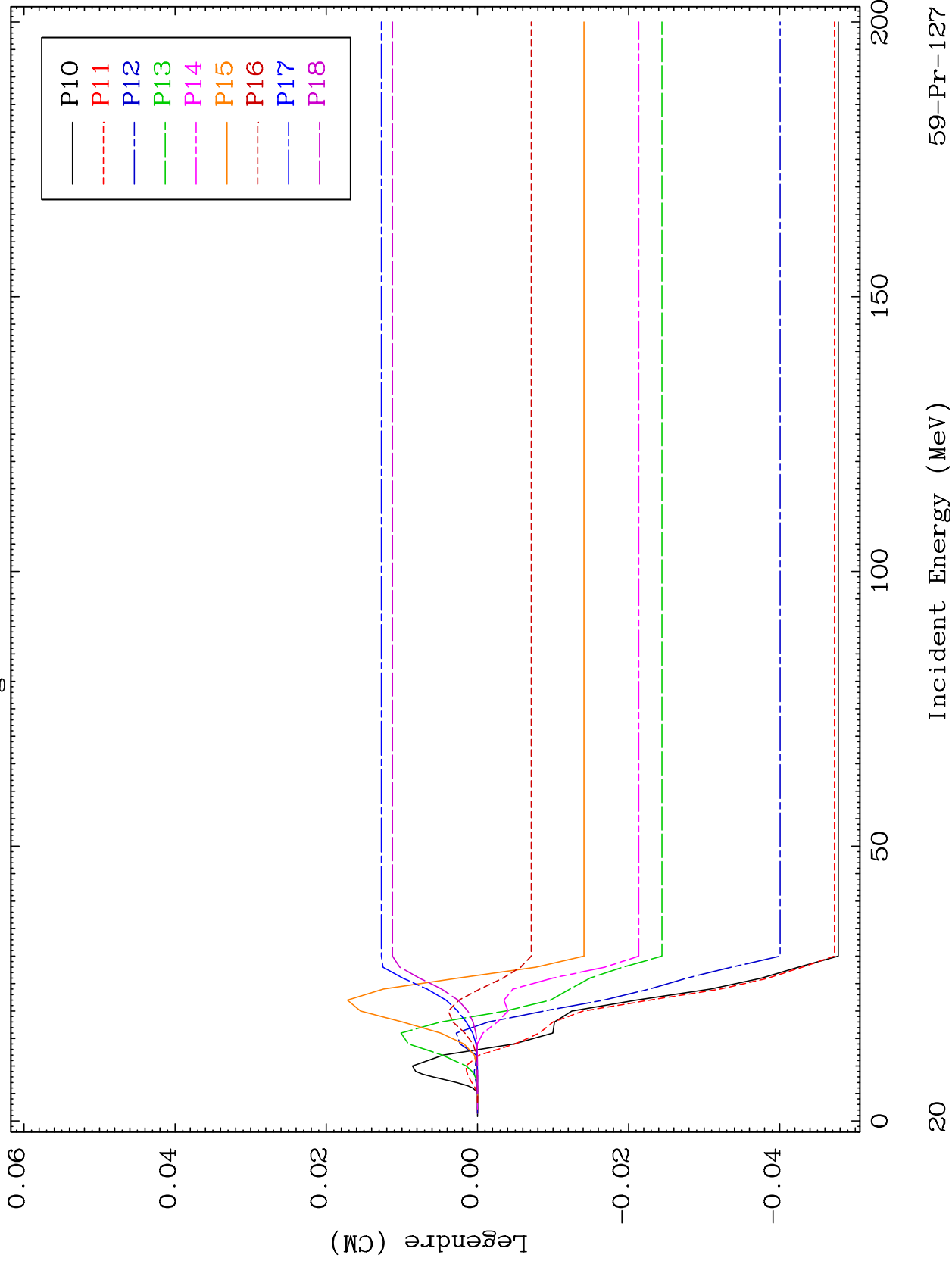
Incident Energy (MeV)

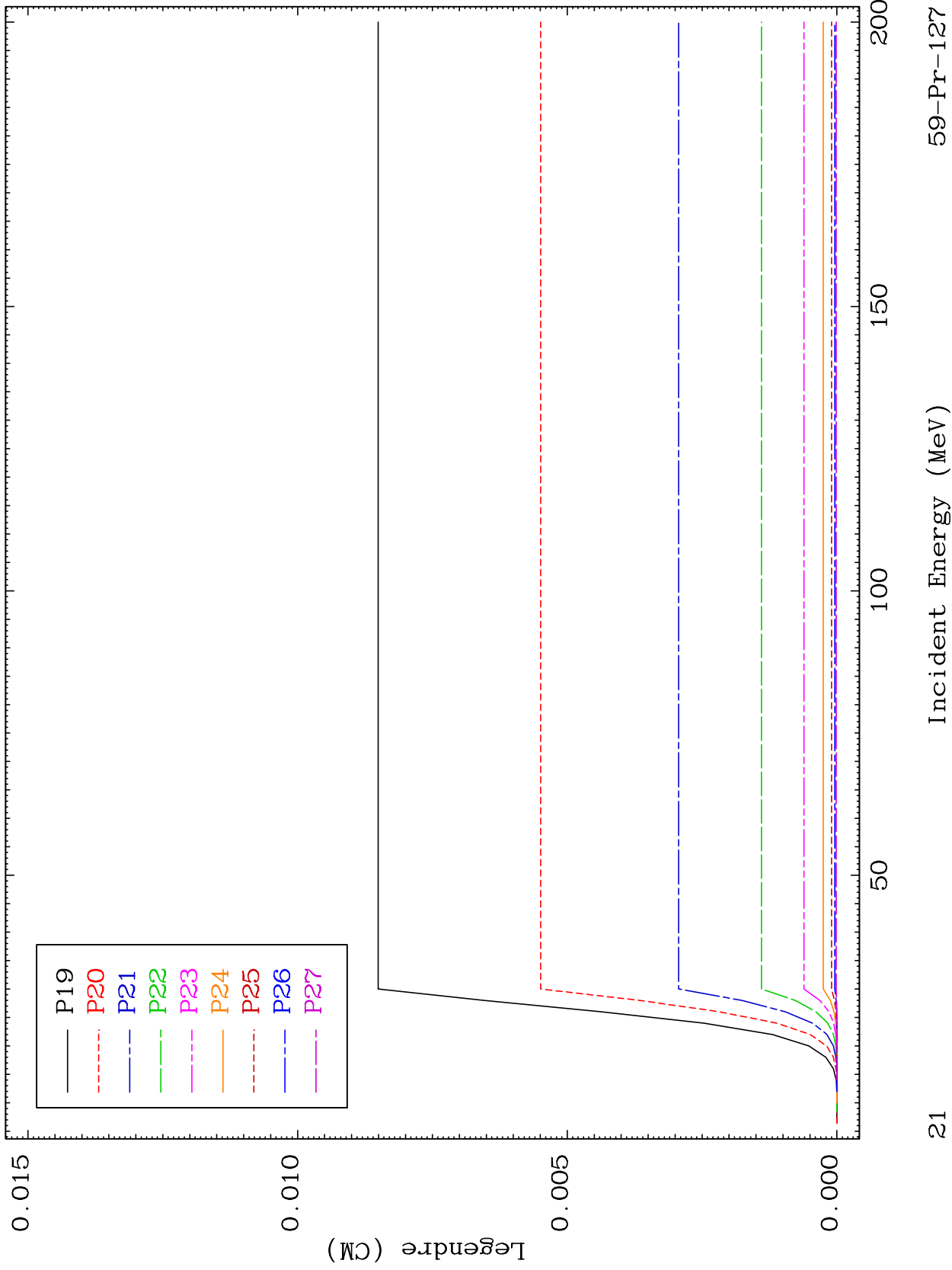
59-Pr-127

MAT 5883

204.7 keV (n,n') Level  
Legendre Coefficients

59-Pr-127

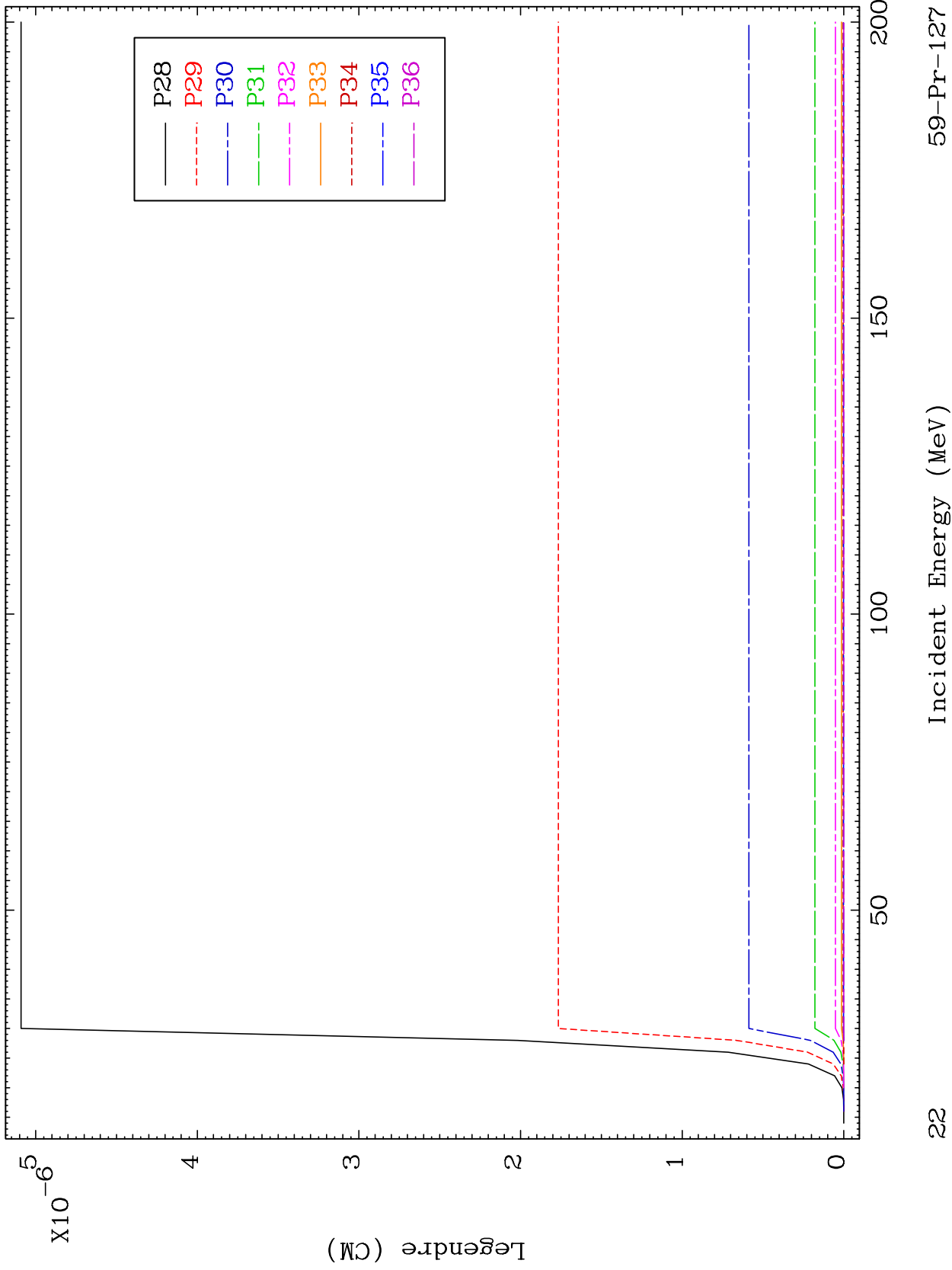




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204.7 keV (n, n') Level  
Legendre Coefficients

59-Pr-127

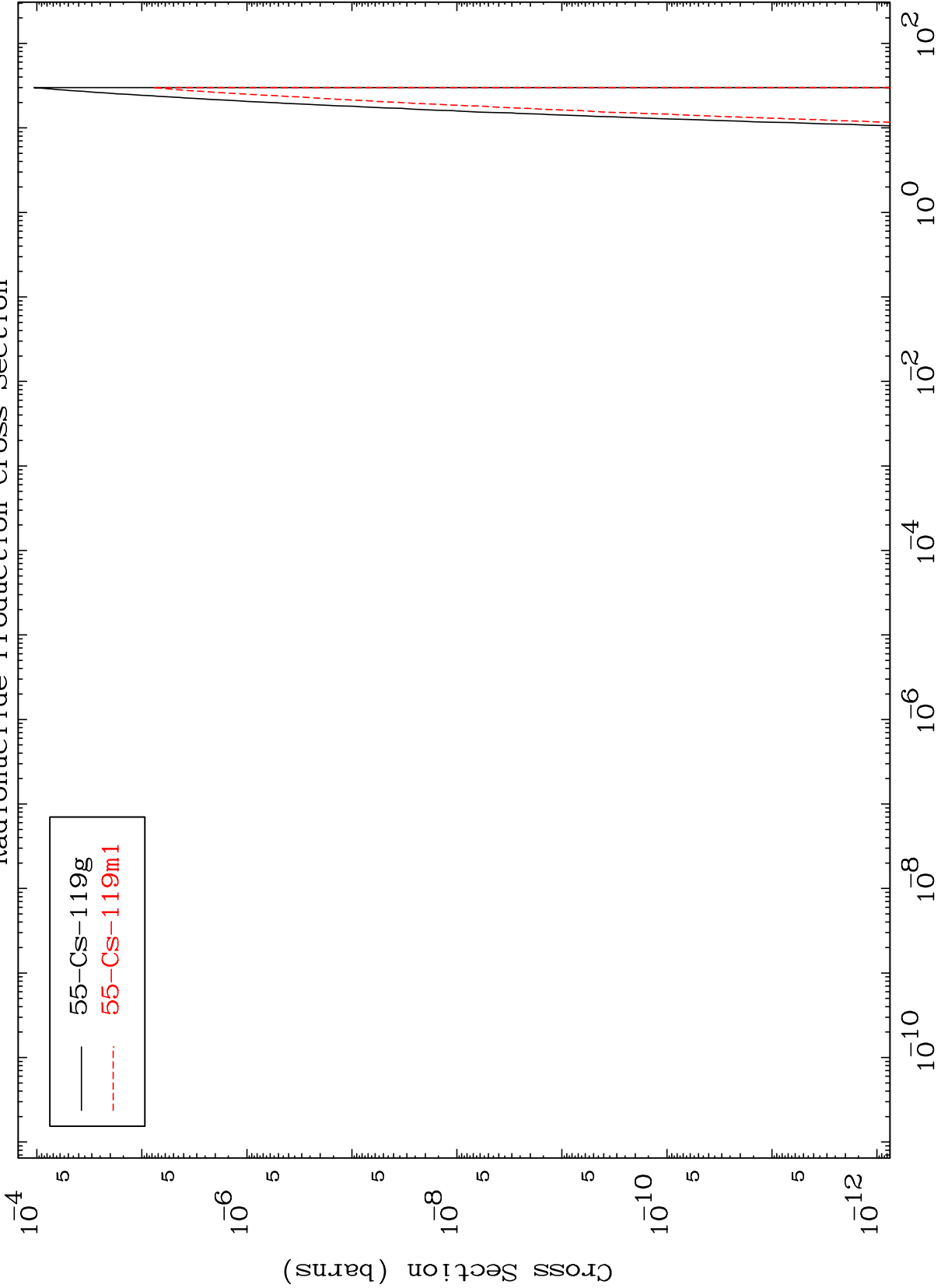


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(n,n') 2α

59-Pr-127

Radionuclide Production Cross Section



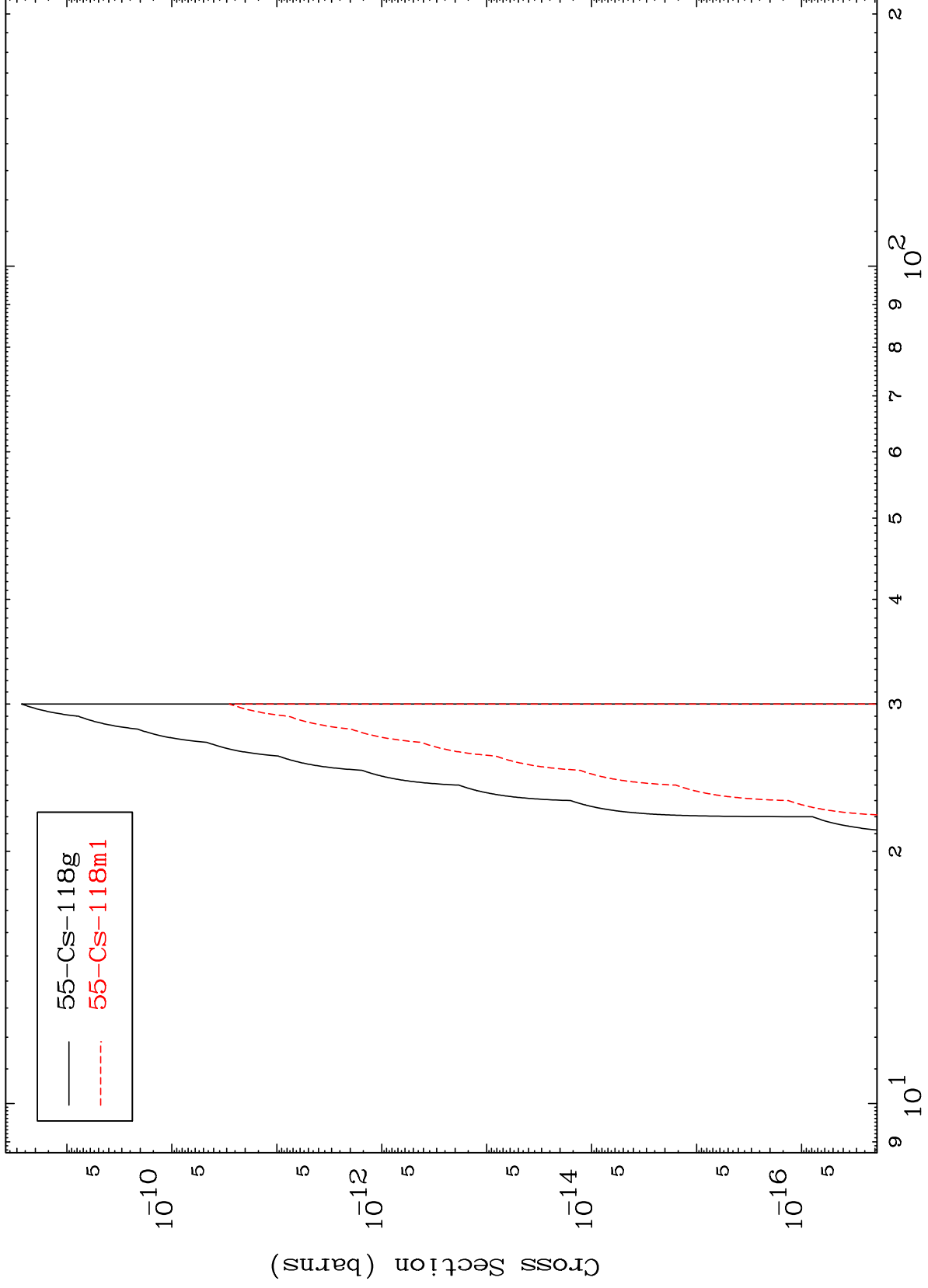


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(n,2n) 2 $\alpha$

59-Pr-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

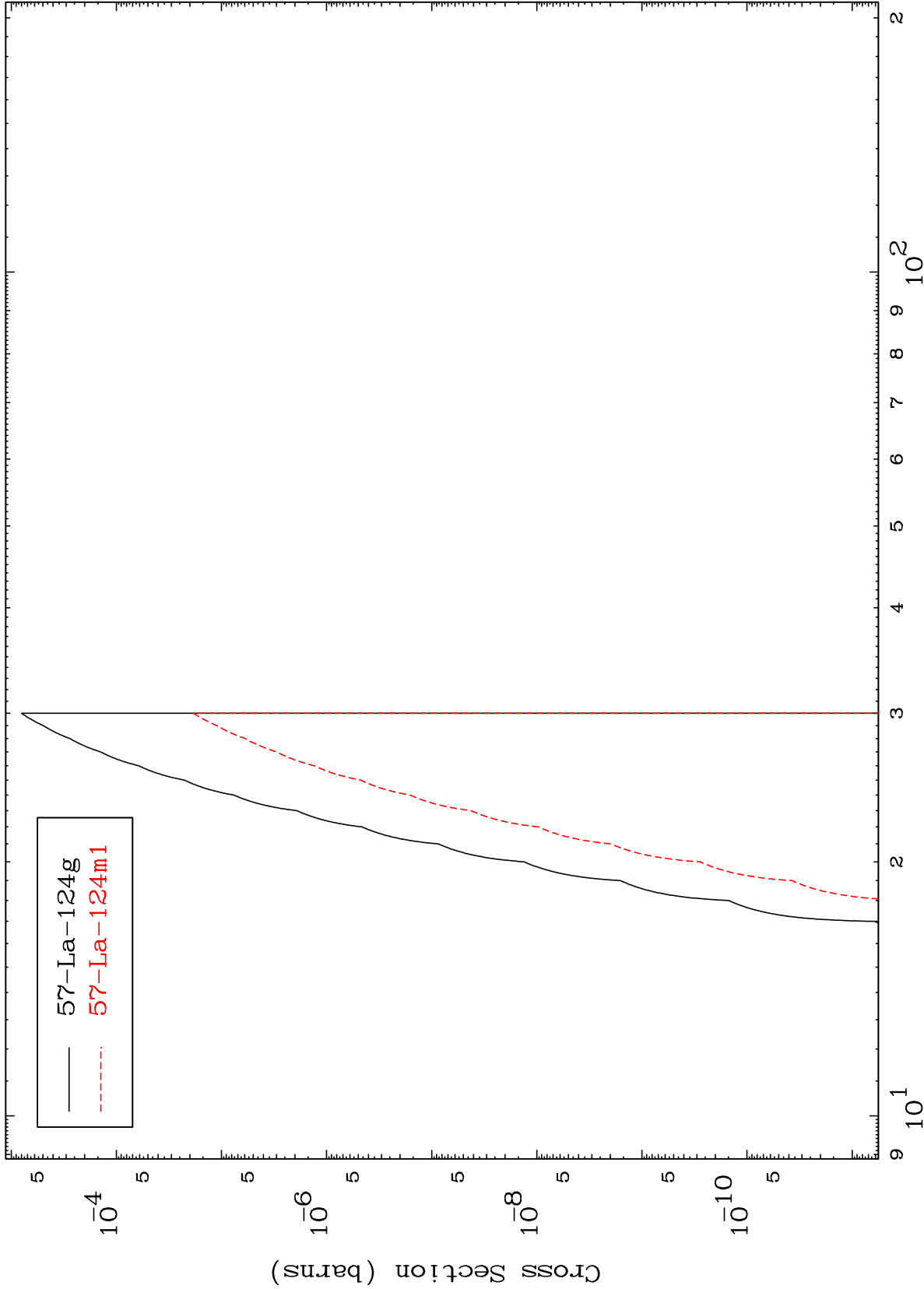
59-Pr-127

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(n,n') He-3

59-Pr-127

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-127

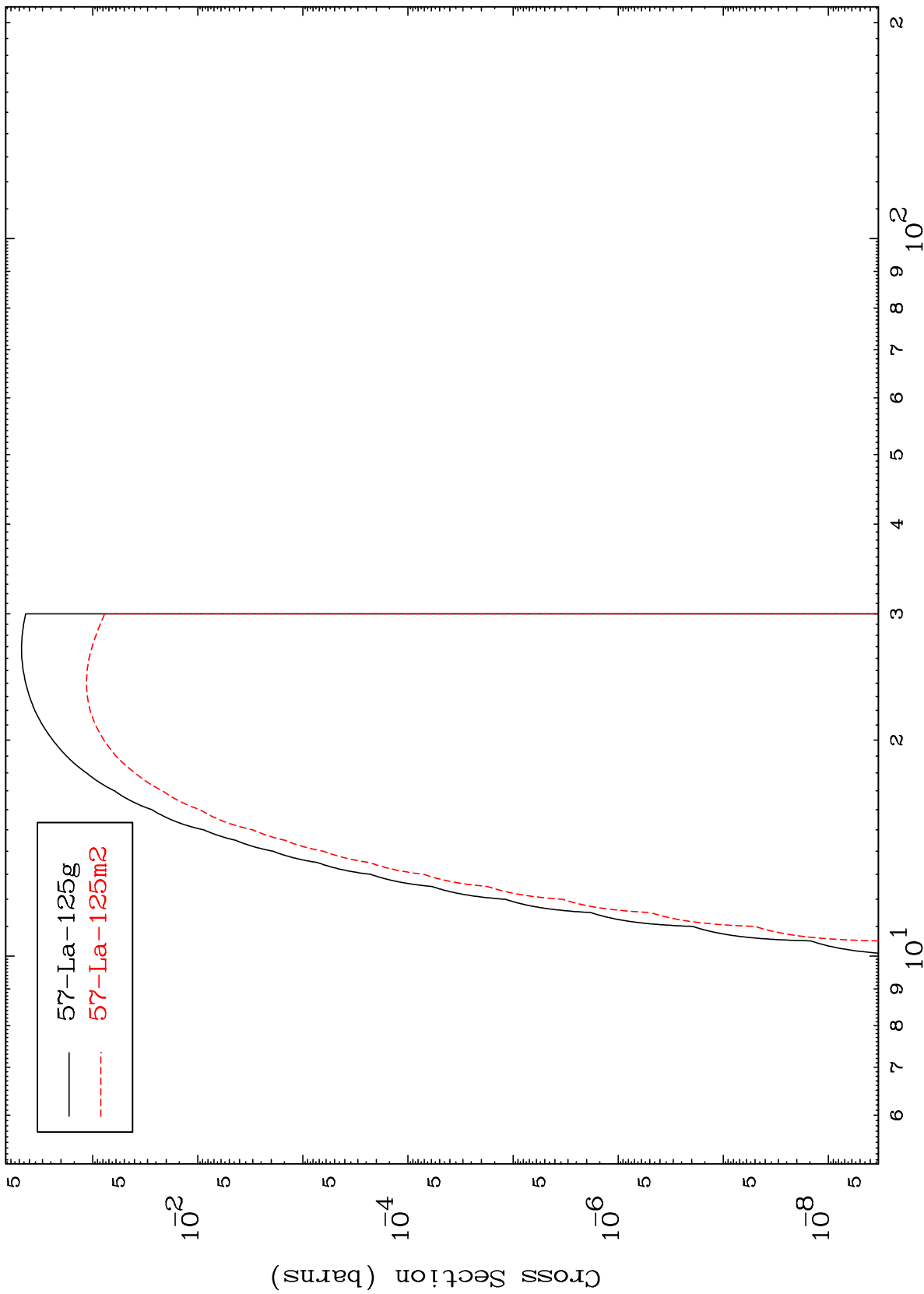
25

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(n,2n) p

59-Pr-127

Radionuclide Production Cross Section



Incident Energy (MeV)

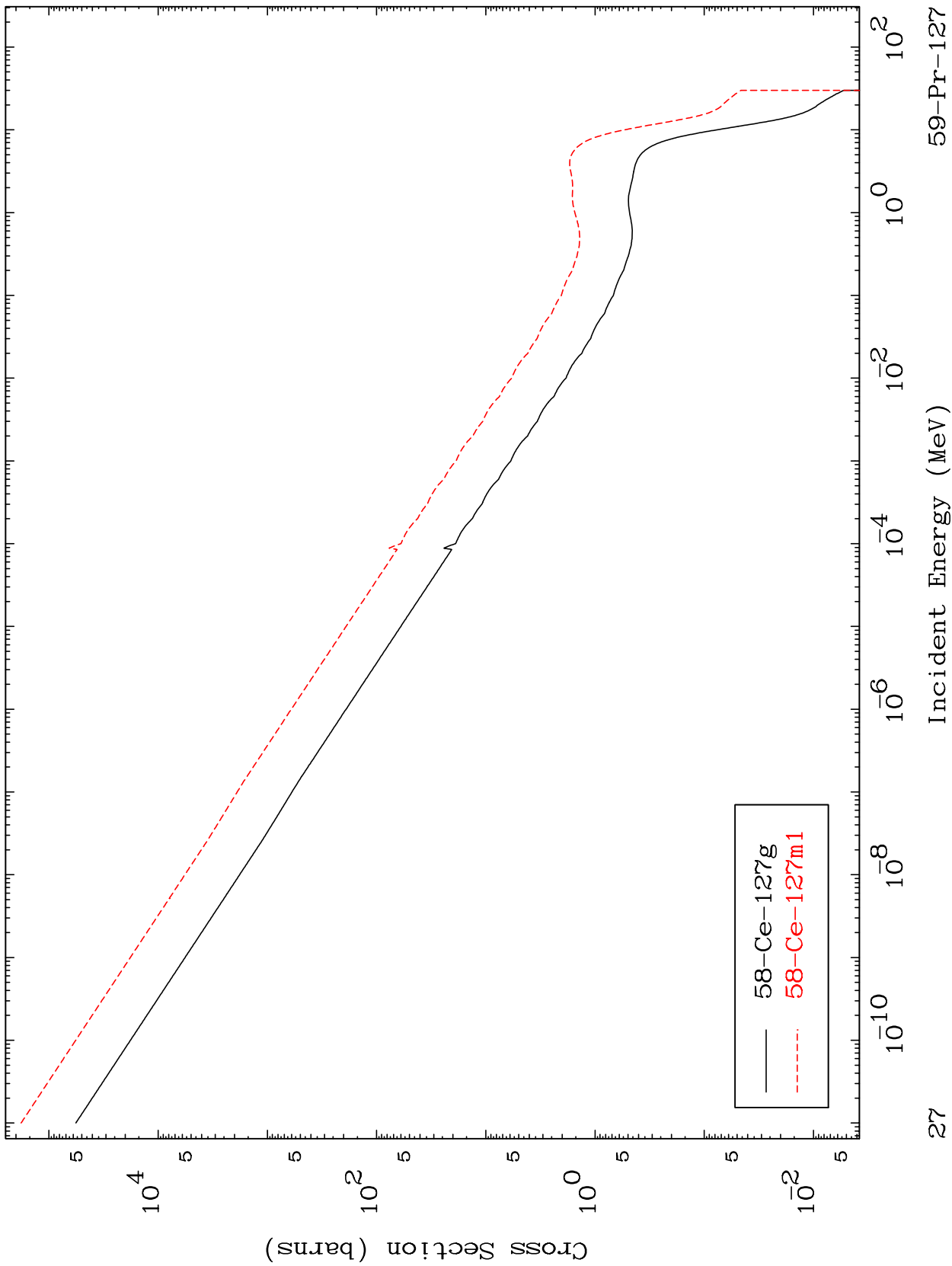
59-Pr-127

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59-Pr-127

(n,p)  
Radionuclide Production Cross Section



27

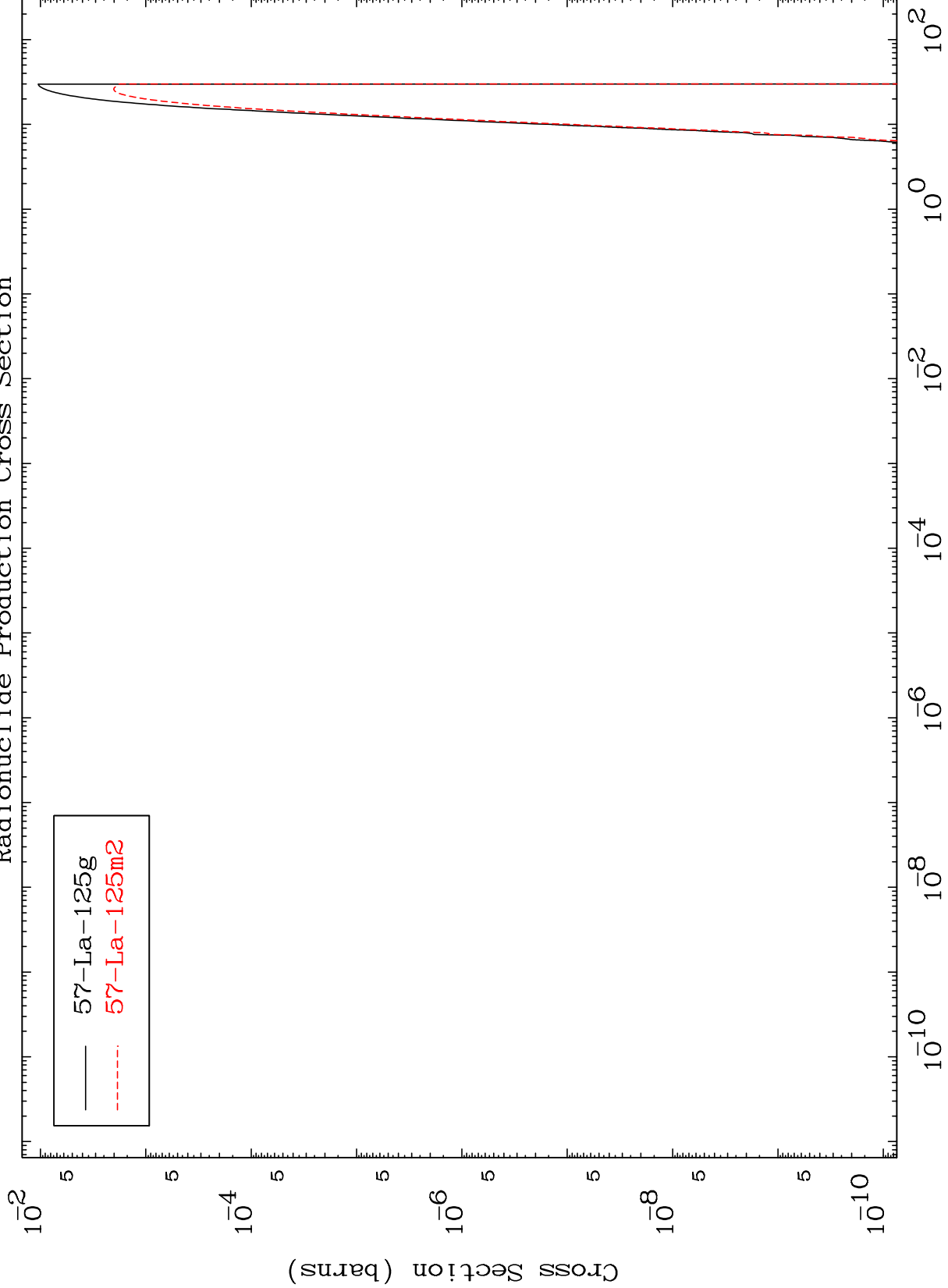
59-Pr-127

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(n,He-3)

59-Pr-127

Radionuclide Production Cross Section



— 57-La-125g  
- - - 57-La-125m2

Incident Energy (MeV)

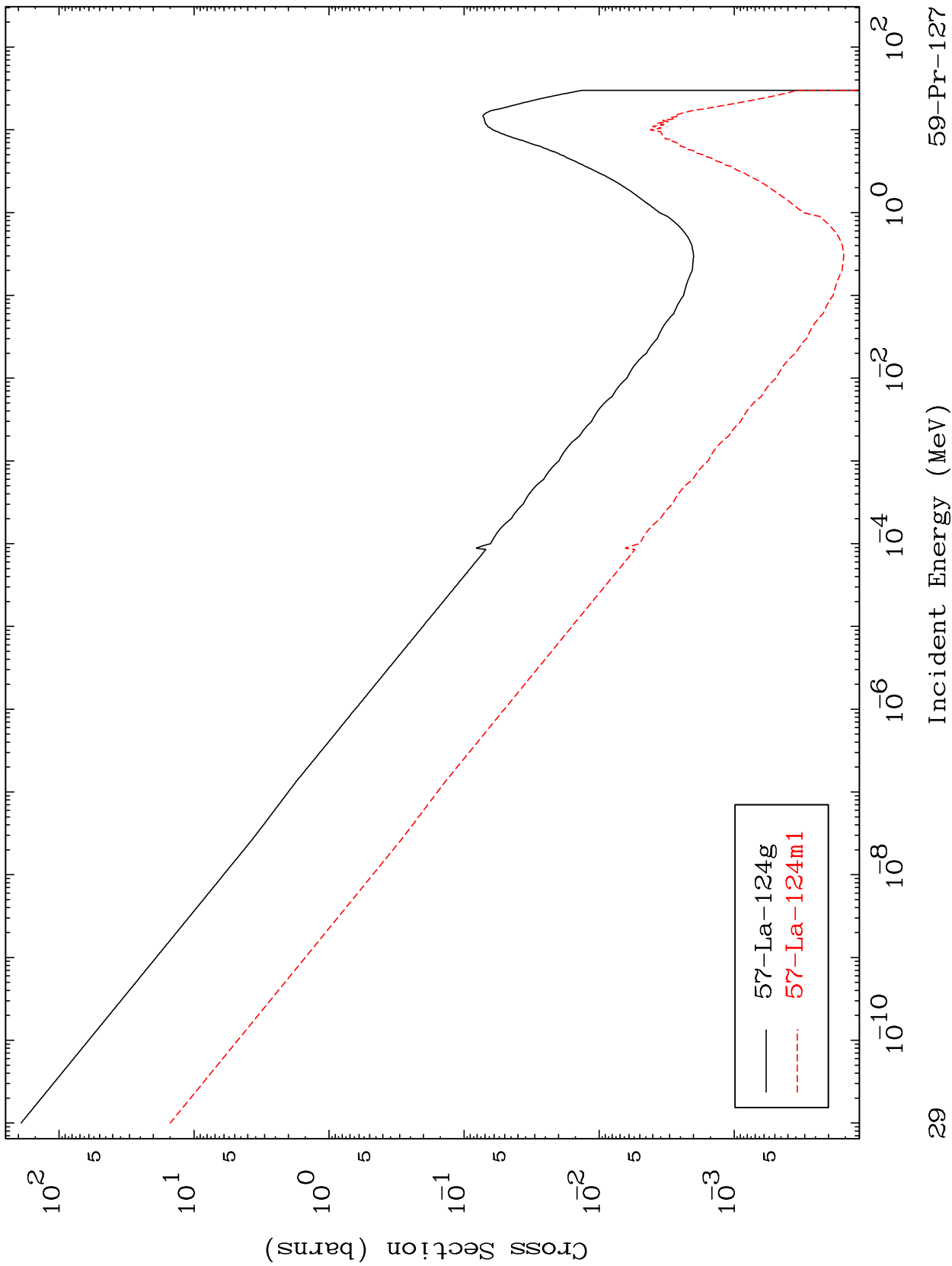
59-Pr-127

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(n,  $\alpha$ )

59-Pr-127

Radionuclide Production Cross Section

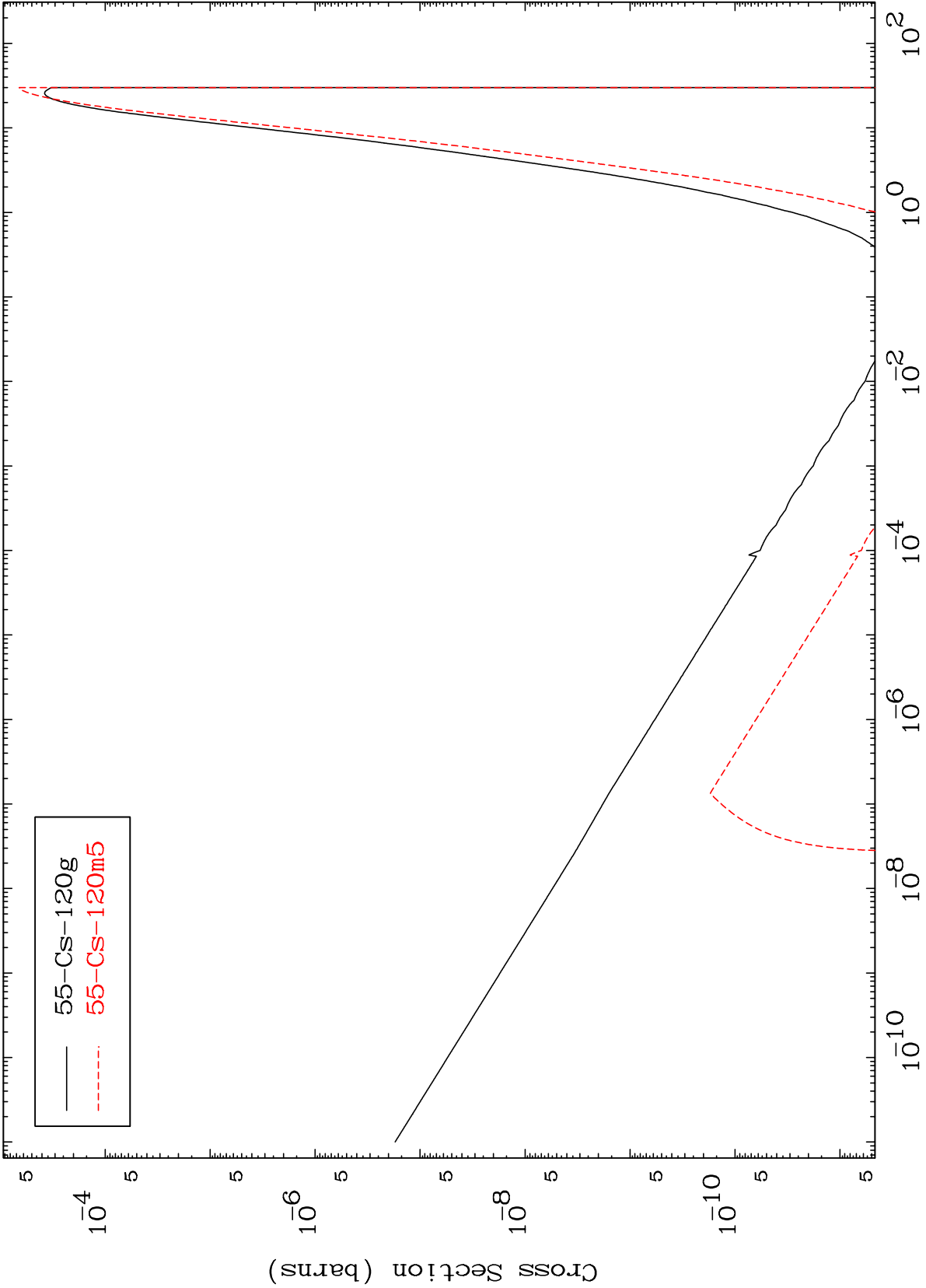


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(n,2α)

59-Pr-127

Radionuclide Production Cross Section



— 55-Cs-120g  
- - - 55-Cs-120m5

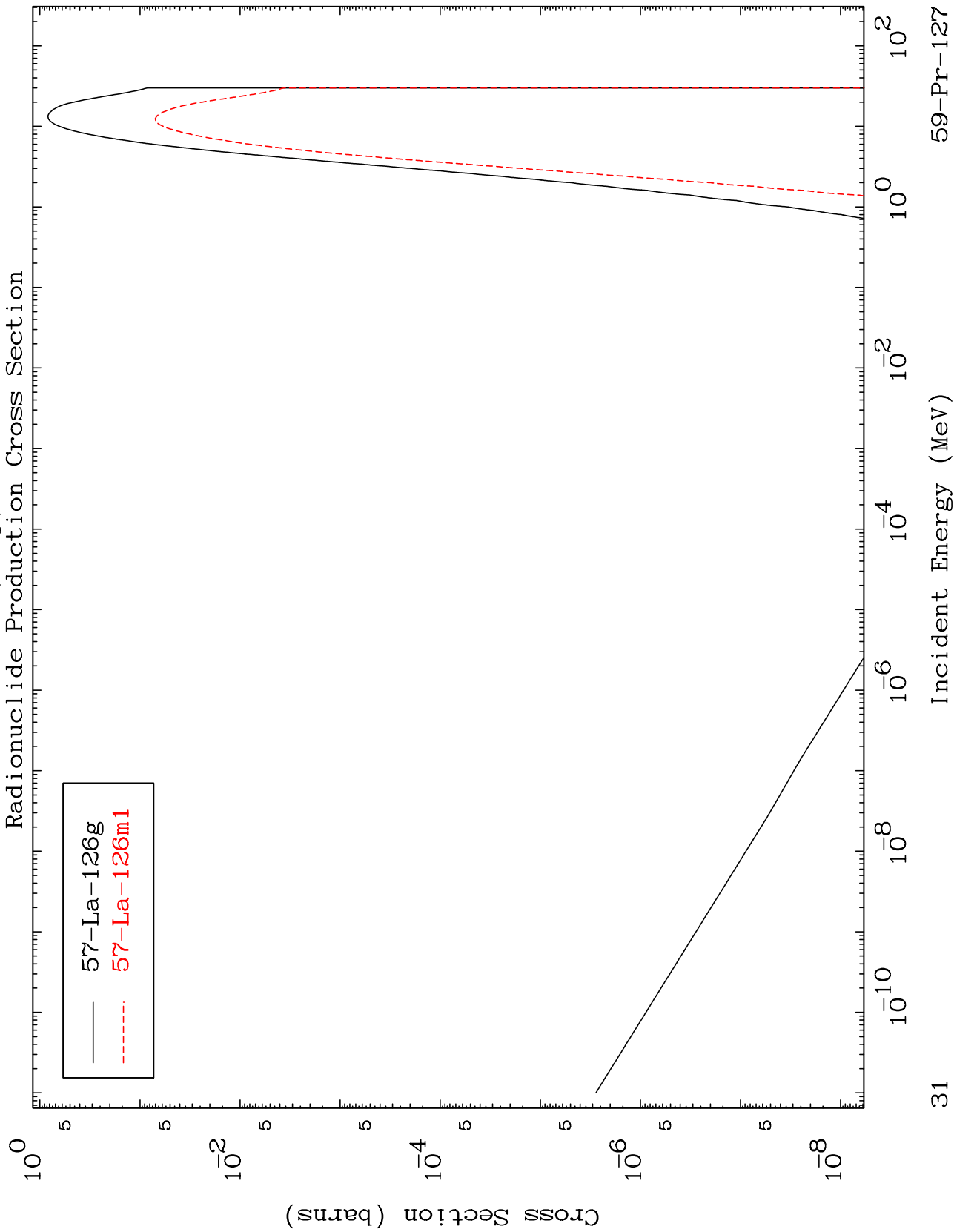
Incident Energy (MeV)

59-Pr-127

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59-Pr-127

(n,2p)  
Radionuclide Production Cross Section



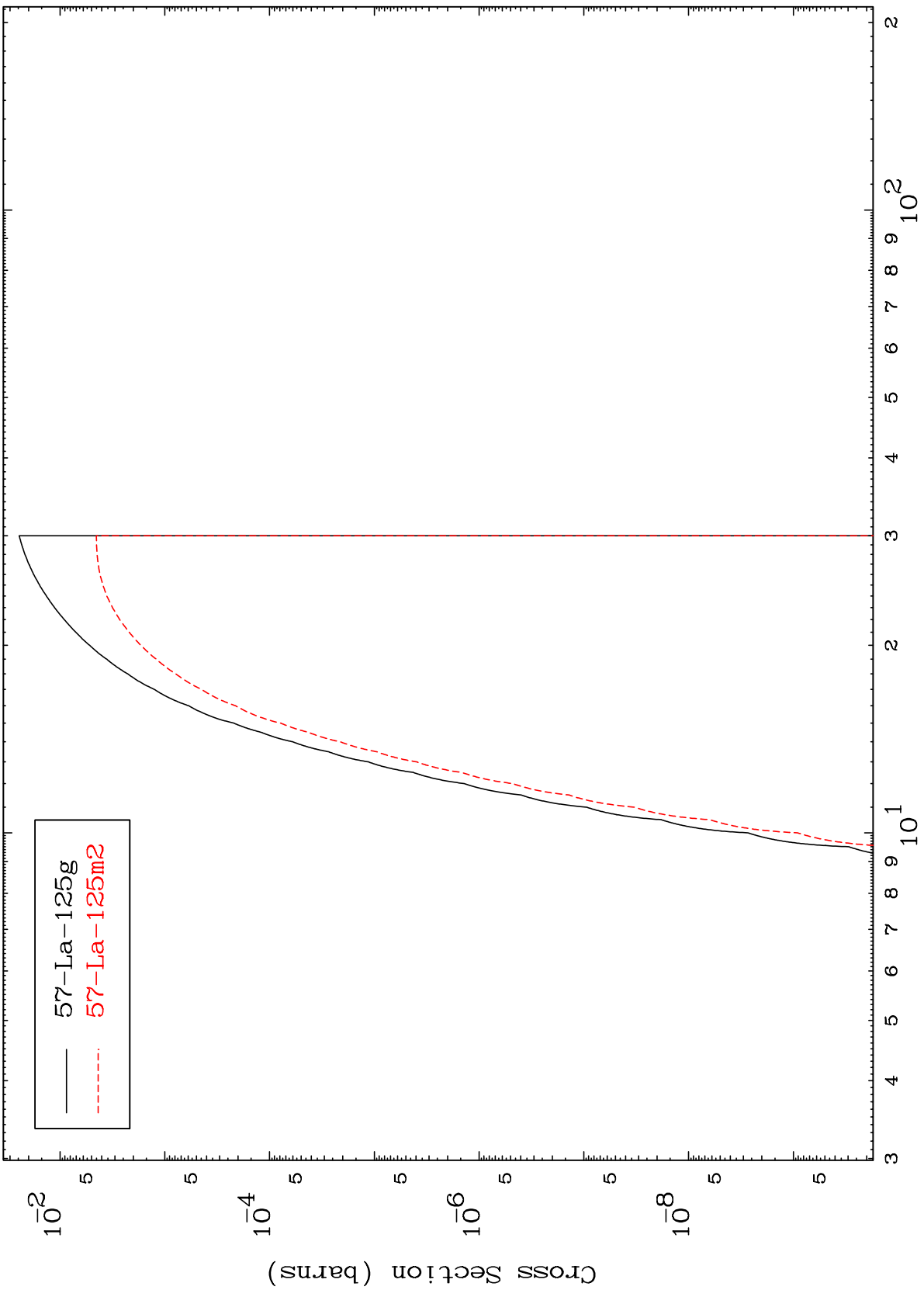


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(n,p) d

59-Pr-127

Radionuclide Production Cross Section



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Incident Energy (MeV)

59-Pr-127

MAT 5883

(n,p) t

59-Pr-127

