

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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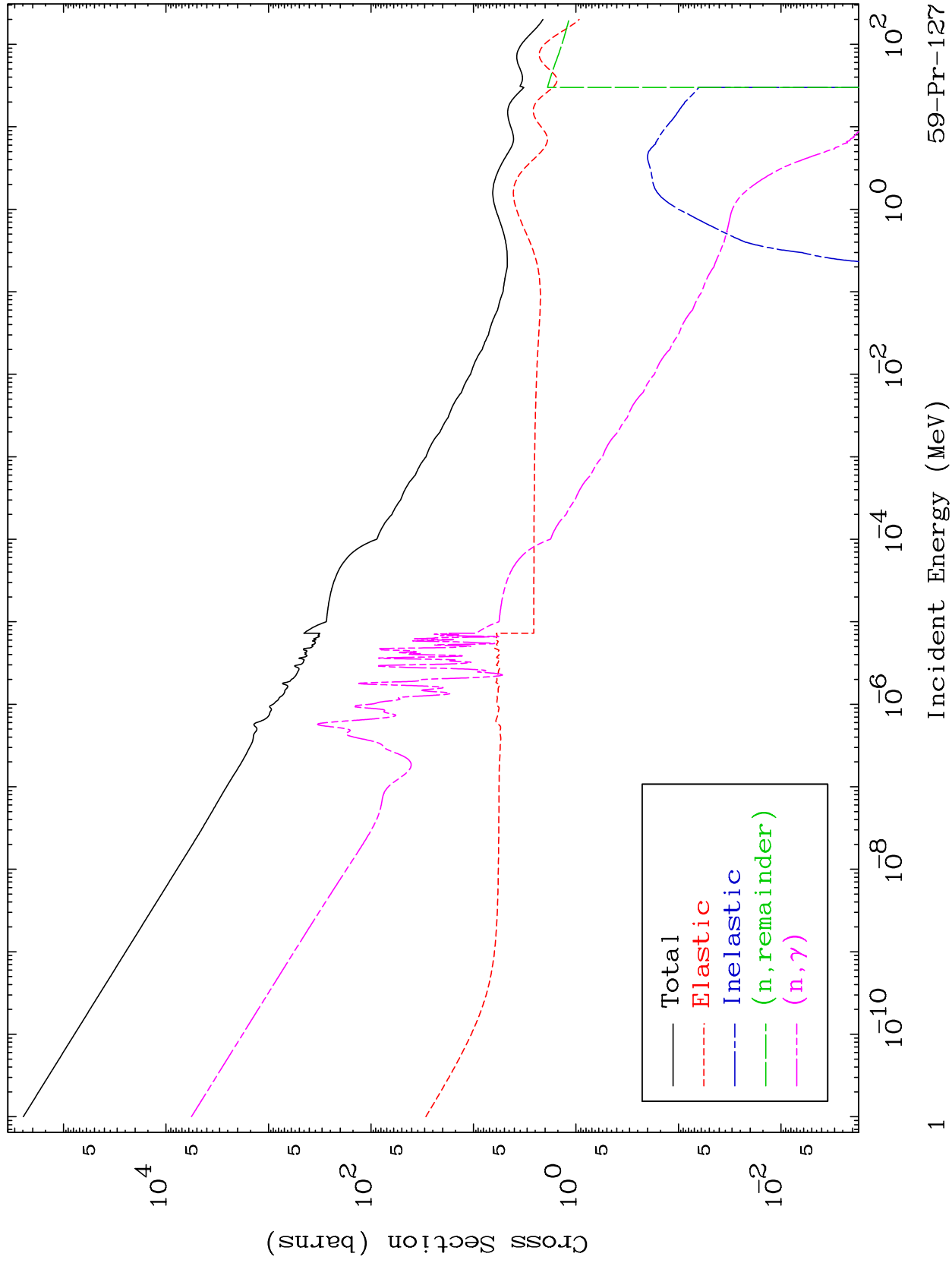
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5883

Major  
293 Kelvin Cross Sections

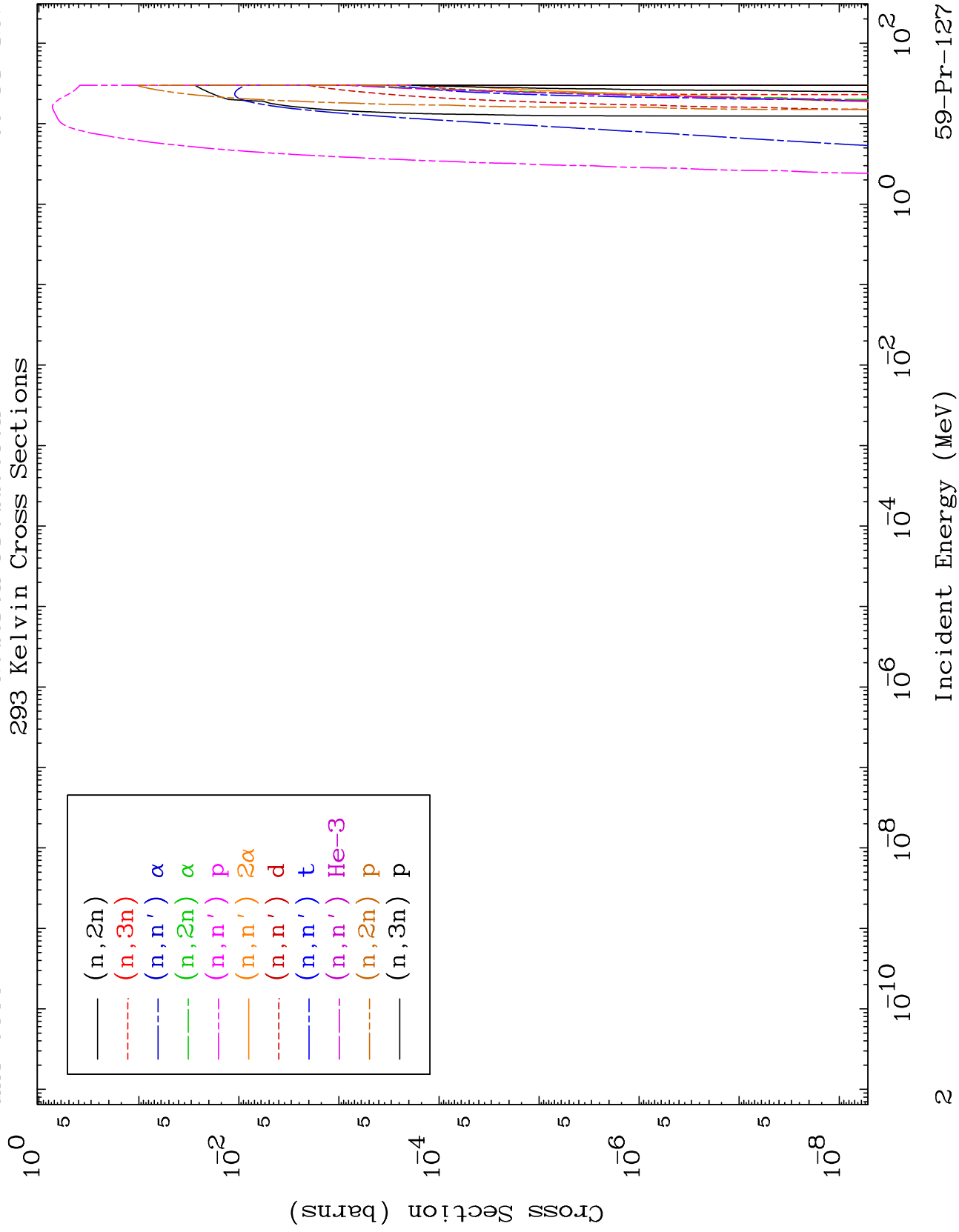
59-Pr-127



MAT 5883

Neutron Production  
293 Kelvin Cross Sections

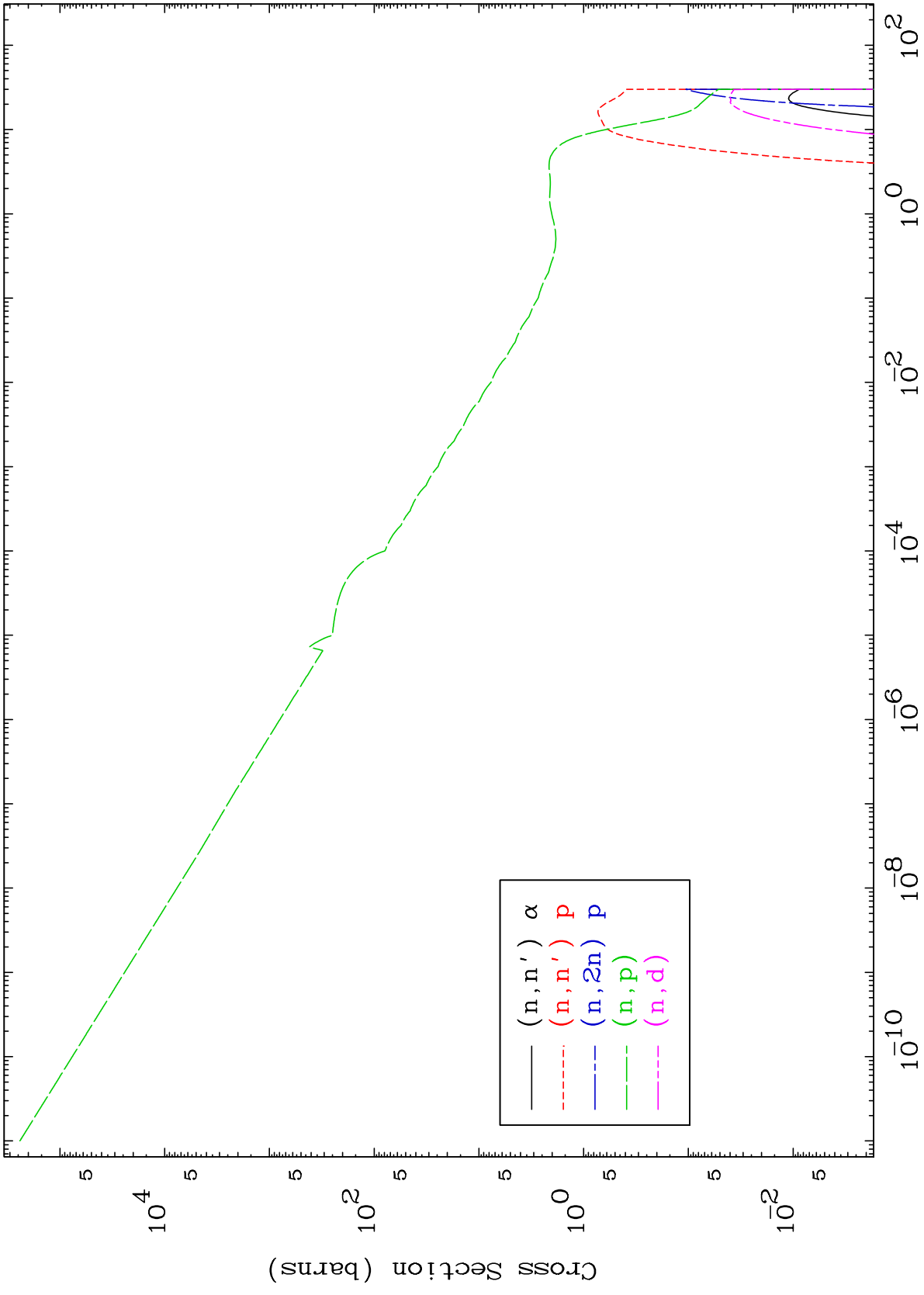
59-Pr-127



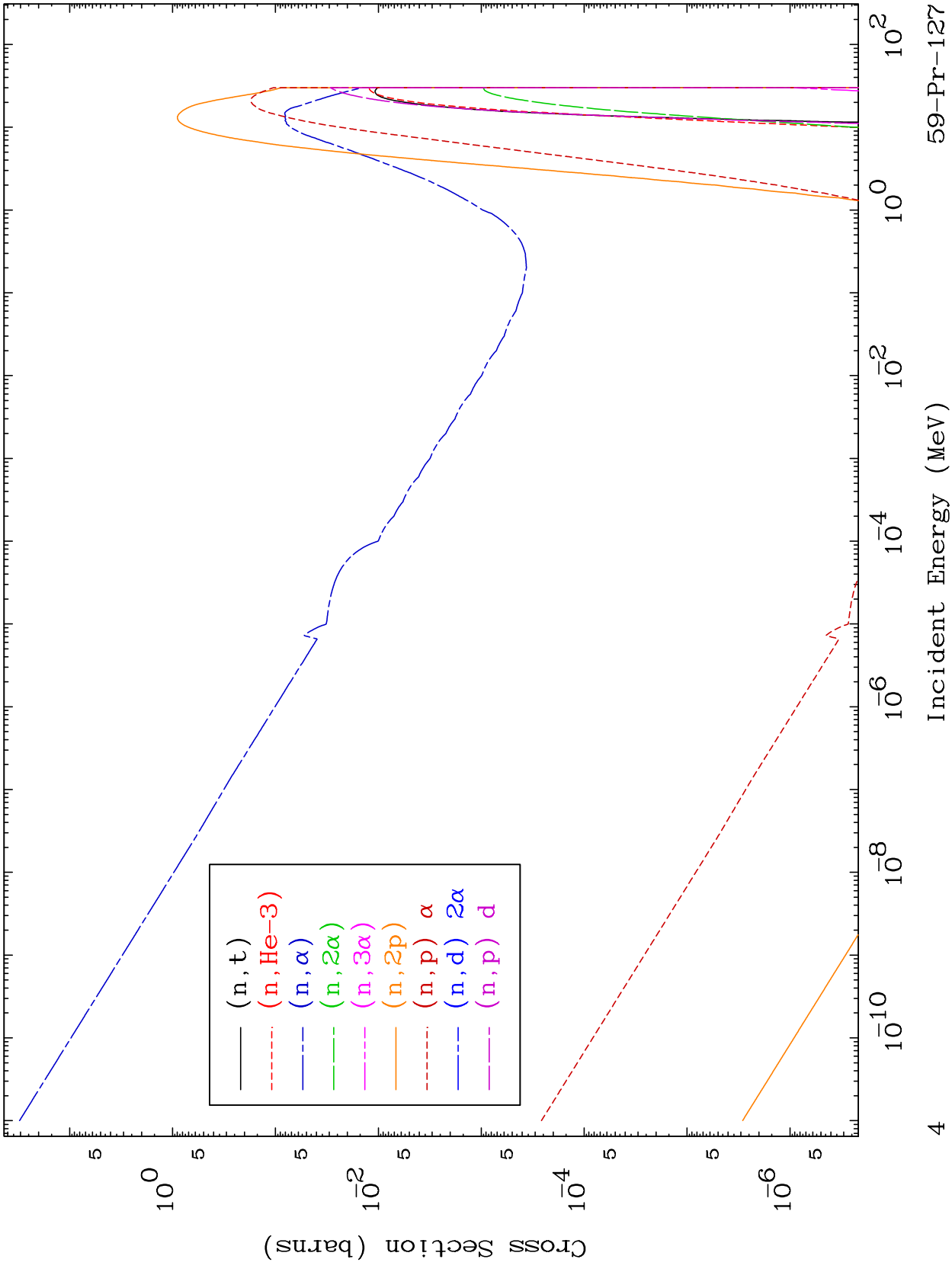
MAT 5883

Charged Particle  
293 Kelvin Cross Sections

59-Pr-127



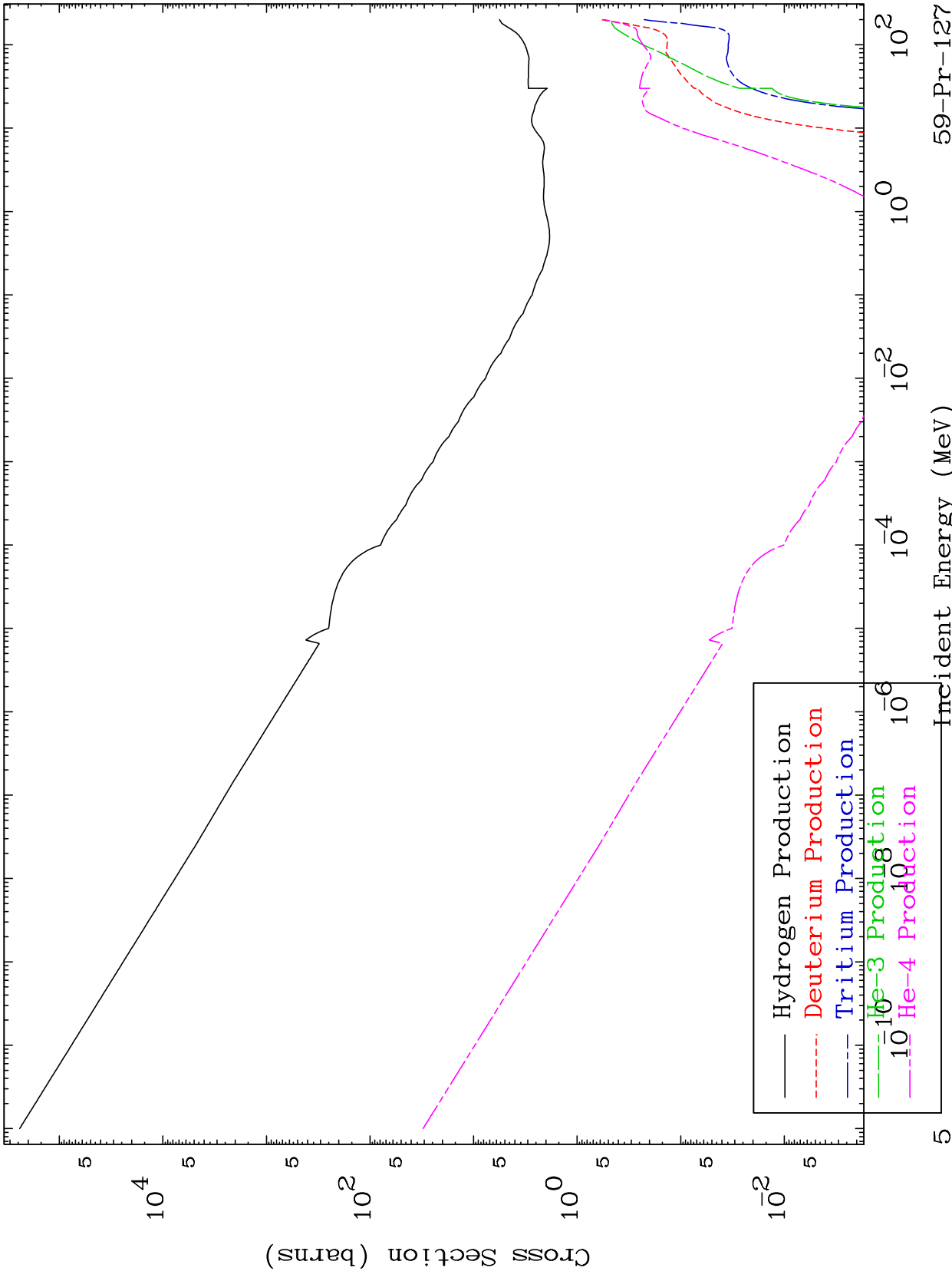
59-Pr-127



MAT 5883

Particle Production  
293 Kelvin Cross Sections

59-Pr-127

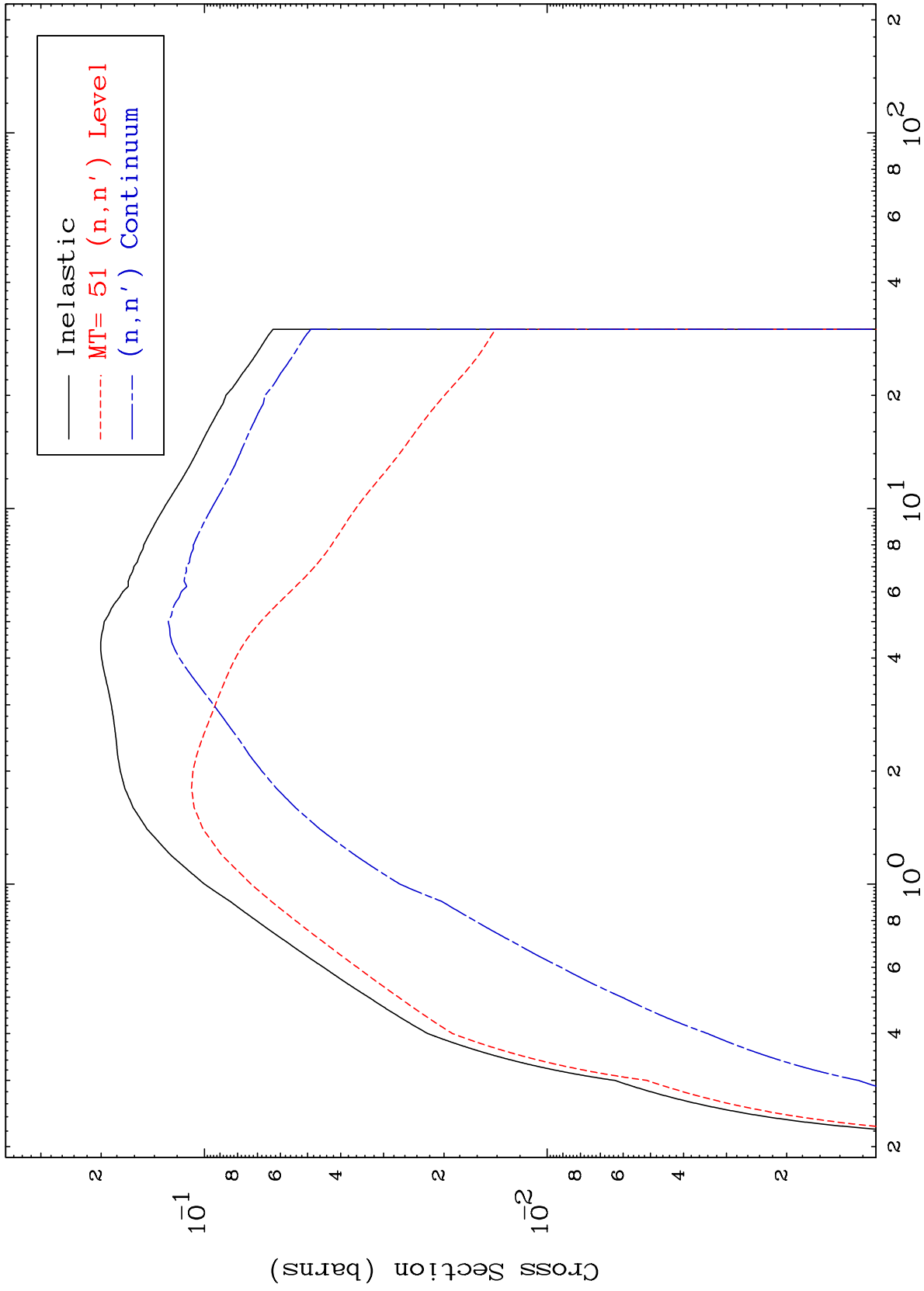


59-Pr-127

MAT 5883

(n,n') Level  
293 Kelvin Cross Sections

59-Pr-127



6

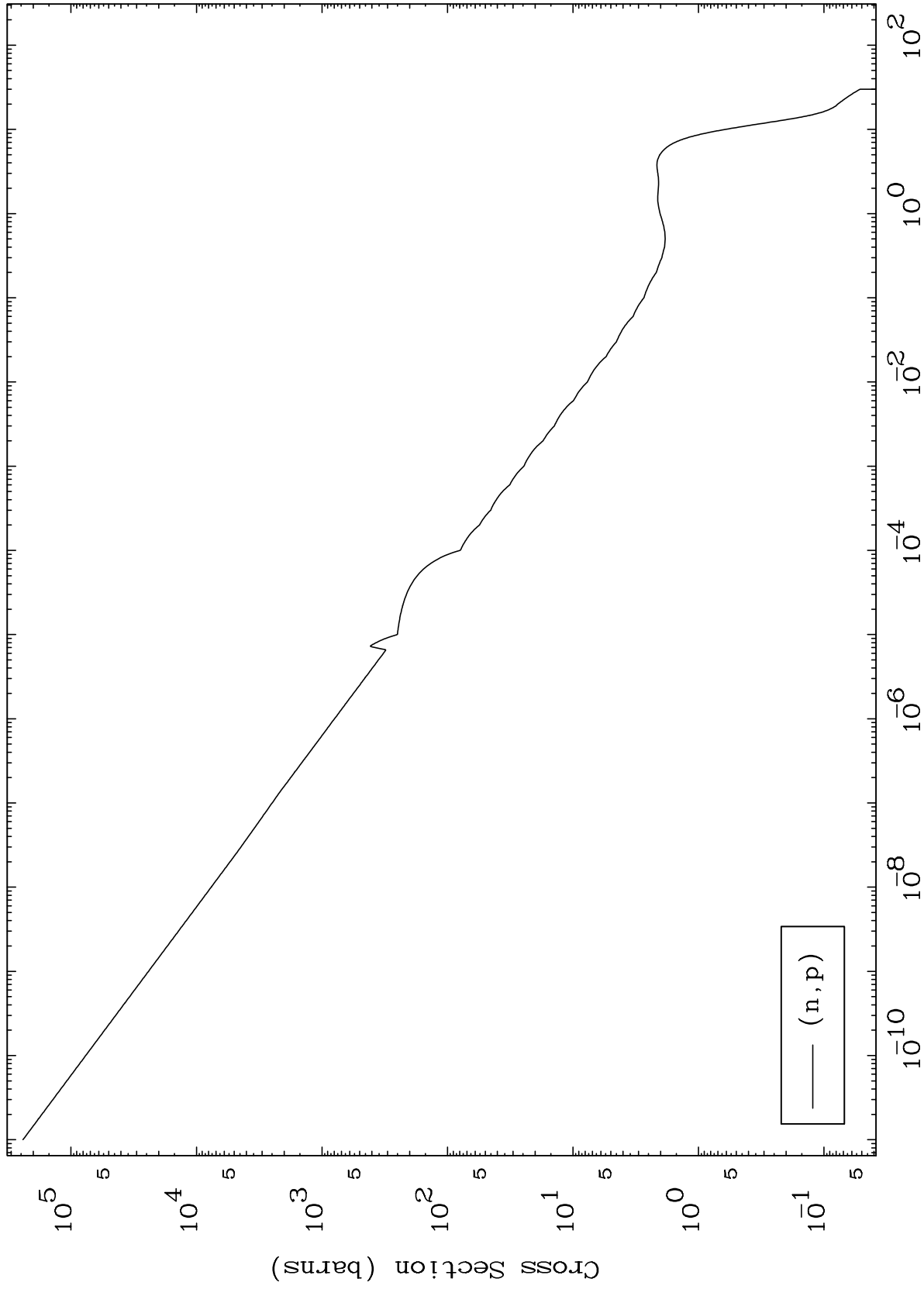
Incident Energy (MeV)

59-Pr-127

MAT 5883

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-127



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Incident Energy (MeV)

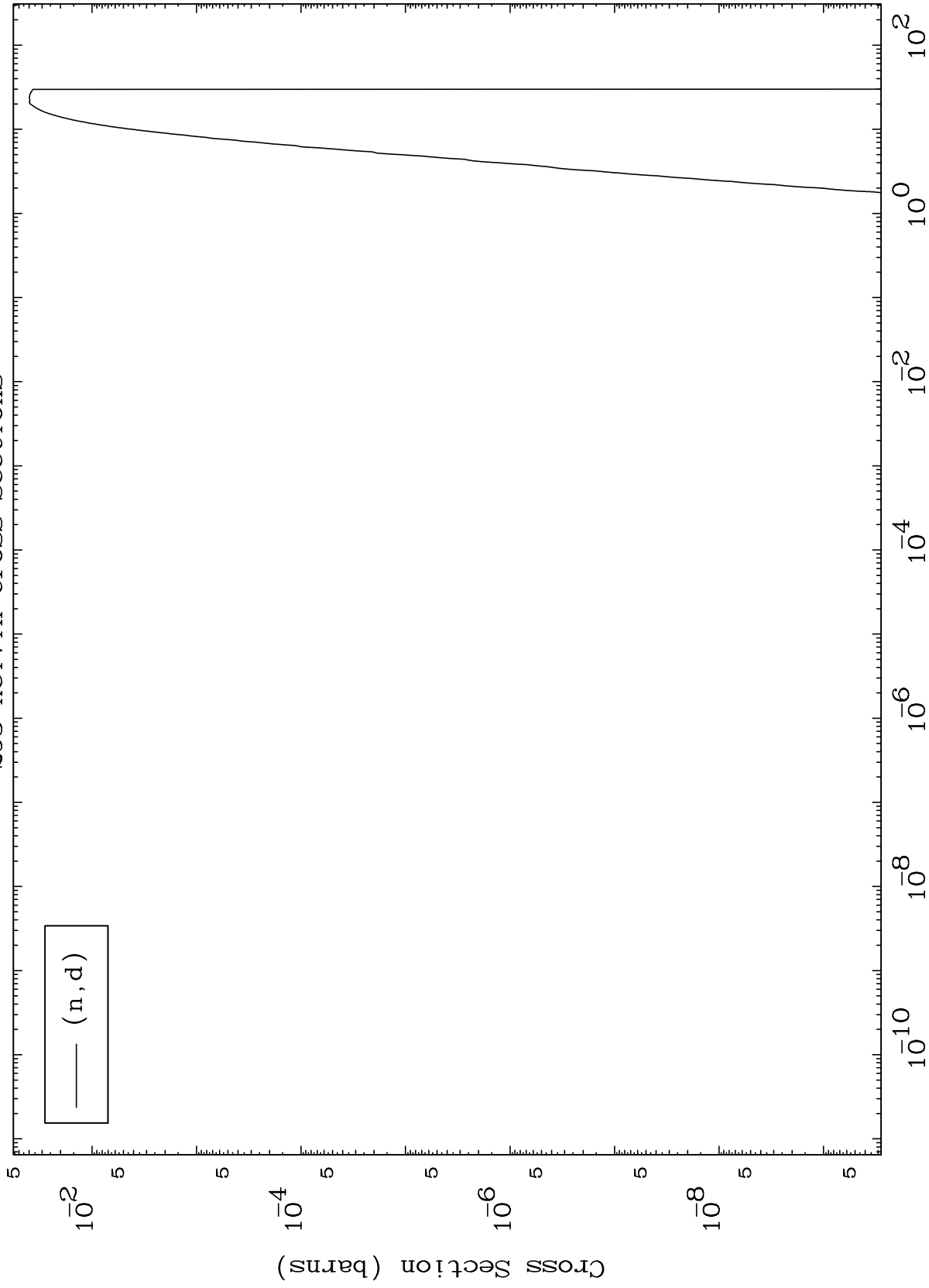
59-Pr-127



MAT 5883

(n,d) Levels  
293 Kelvin Cross Sections

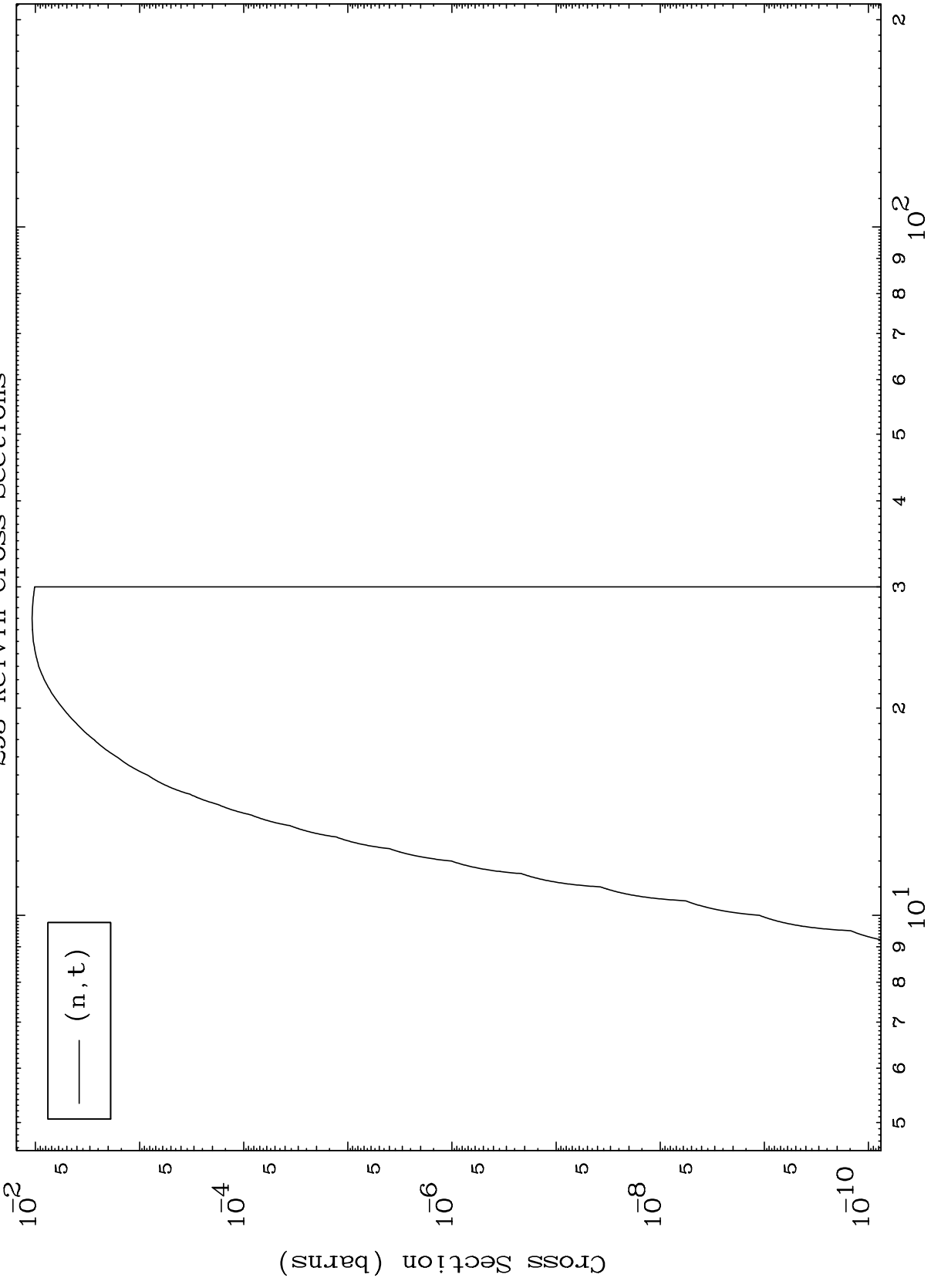
59-Pr-127



MAT 5883

(n,t) Levels  
293 Kelvin Cross Sections

59-Pr-127



9

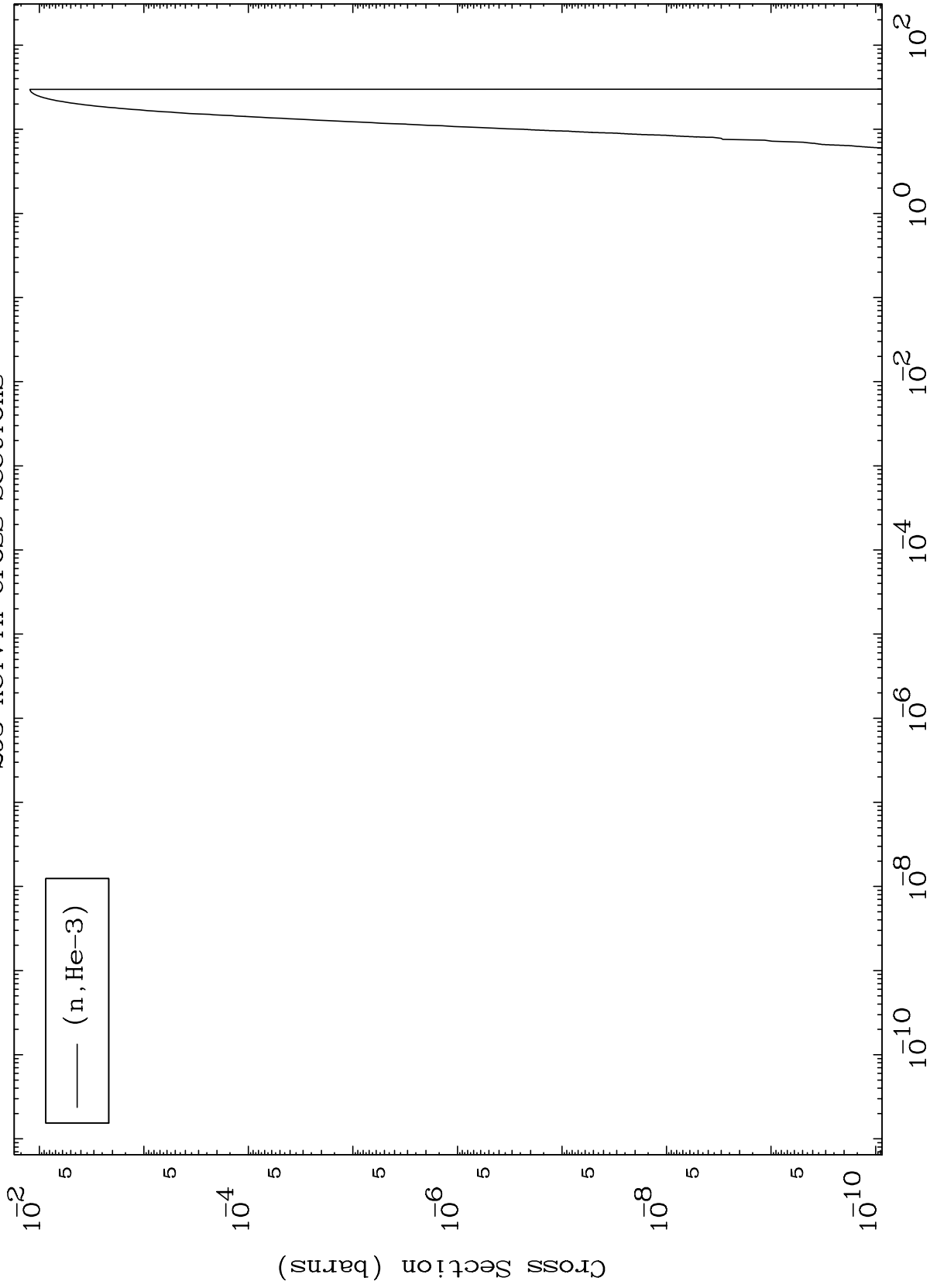
Incident Energy (MeV)

59-Pr-127

MAT 5883

(n,He3) Levels  
293 Kelvin Cross Sections

59-Pr-127



10

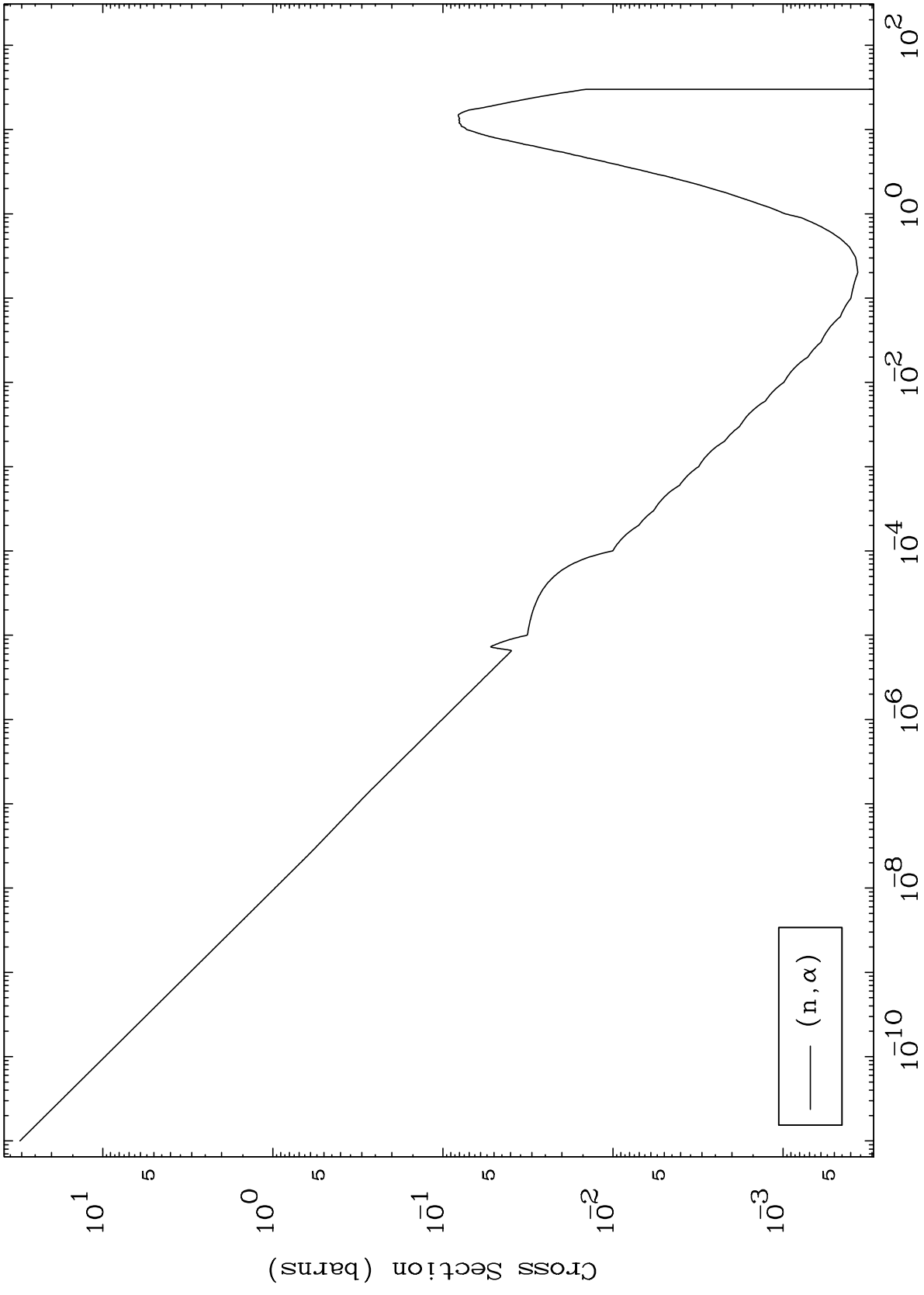
Incident Energy (MeV)

59-Pr-127

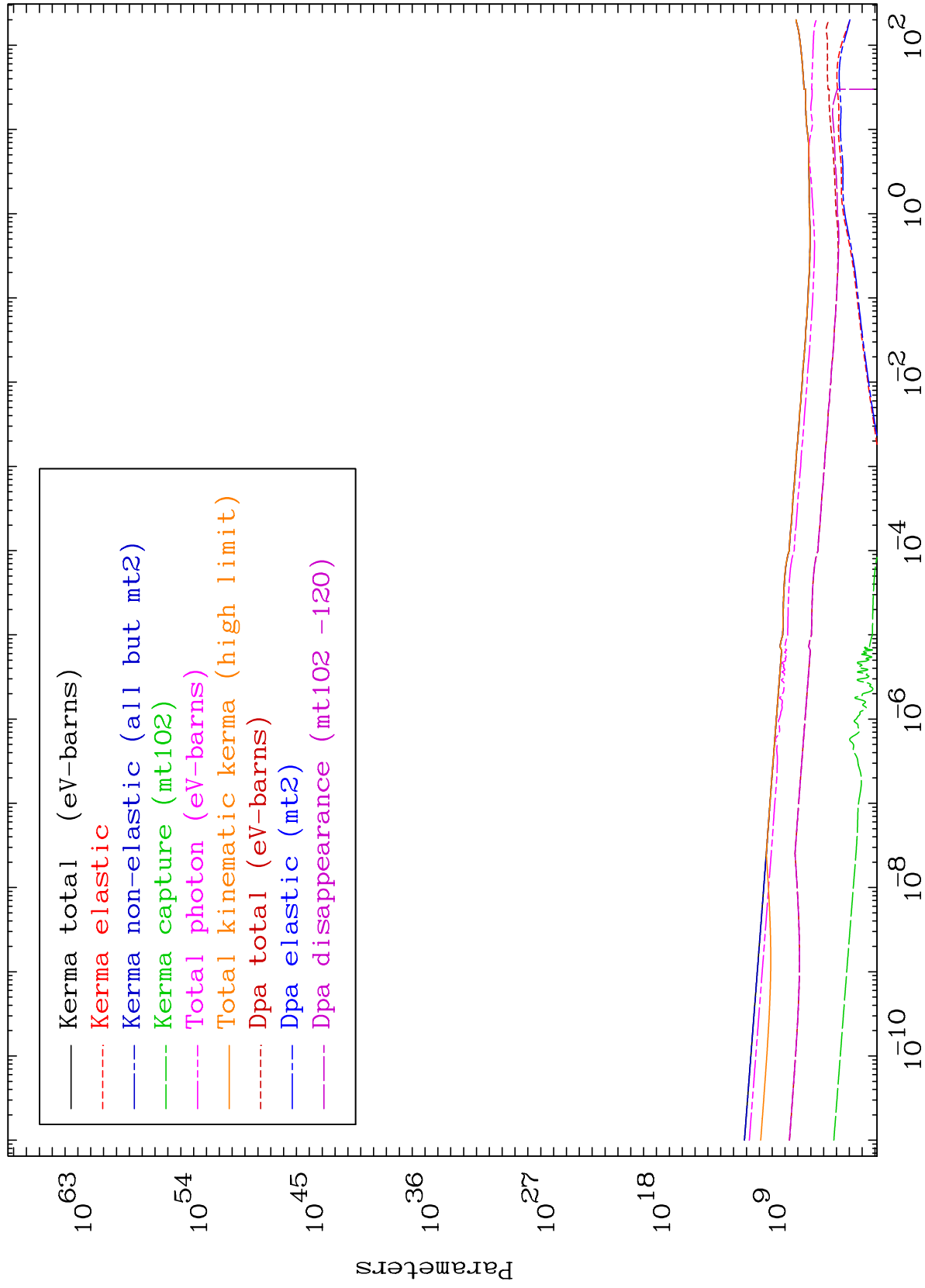
MAT 5883

(n,α) Levels  
293 Kelvin Cross Sections

59-Pr-127



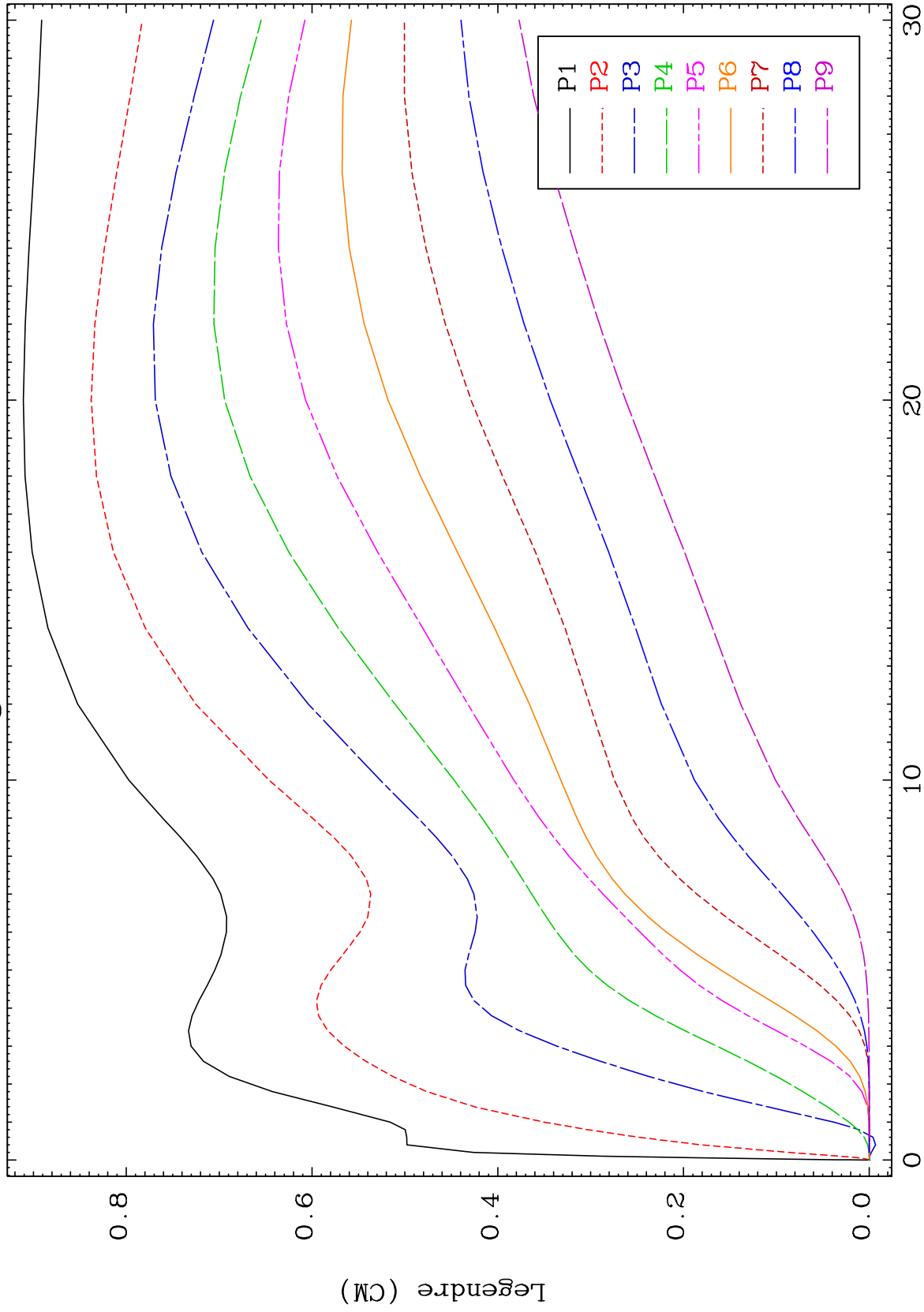
59-Pr-127



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Elastic Legendre Coefficients

59-Pr-127



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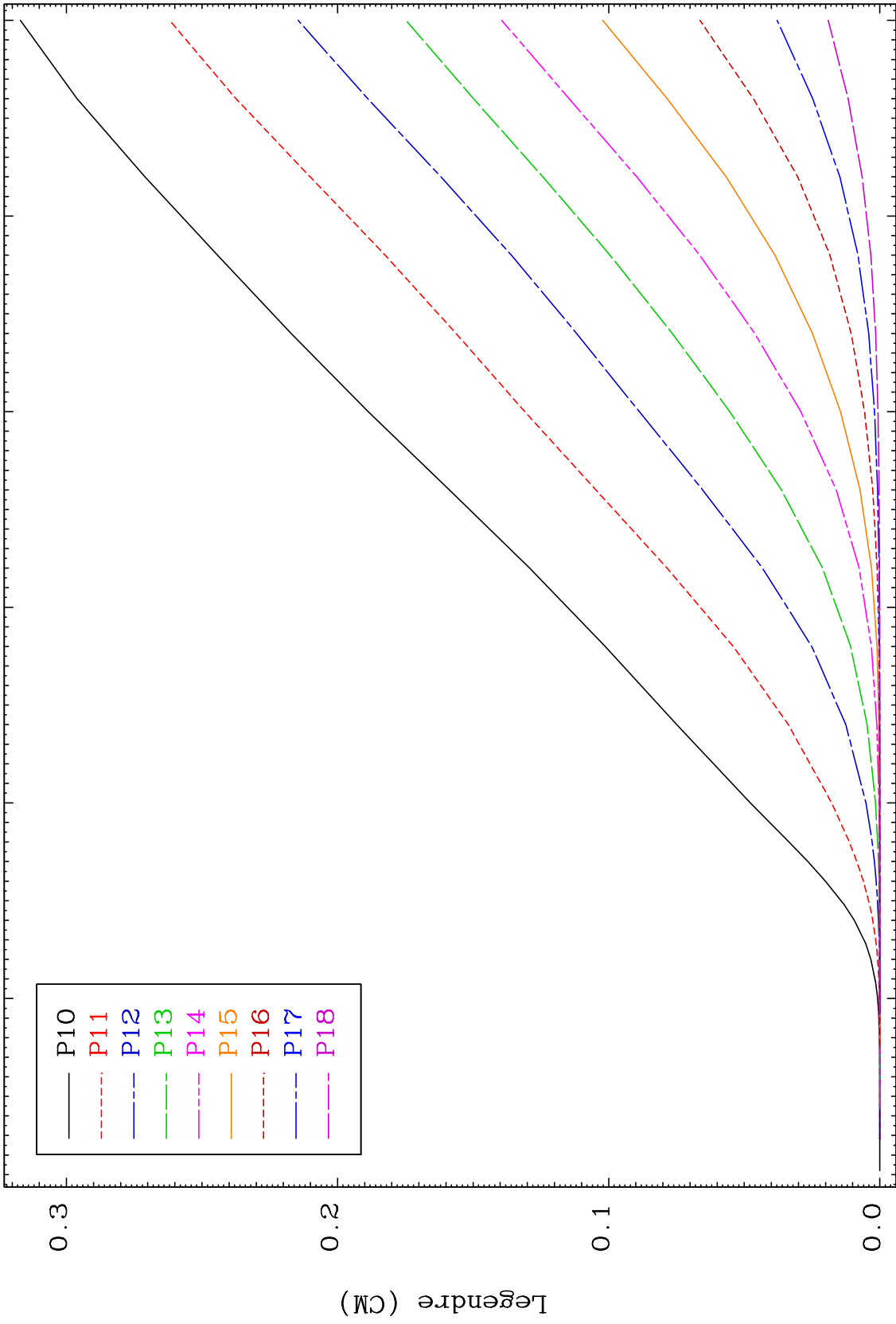
Incident Energy (MeV)

59-Pr-127

MAT 5883

Elastic Legendre Coefficients

59-Pr-127



14

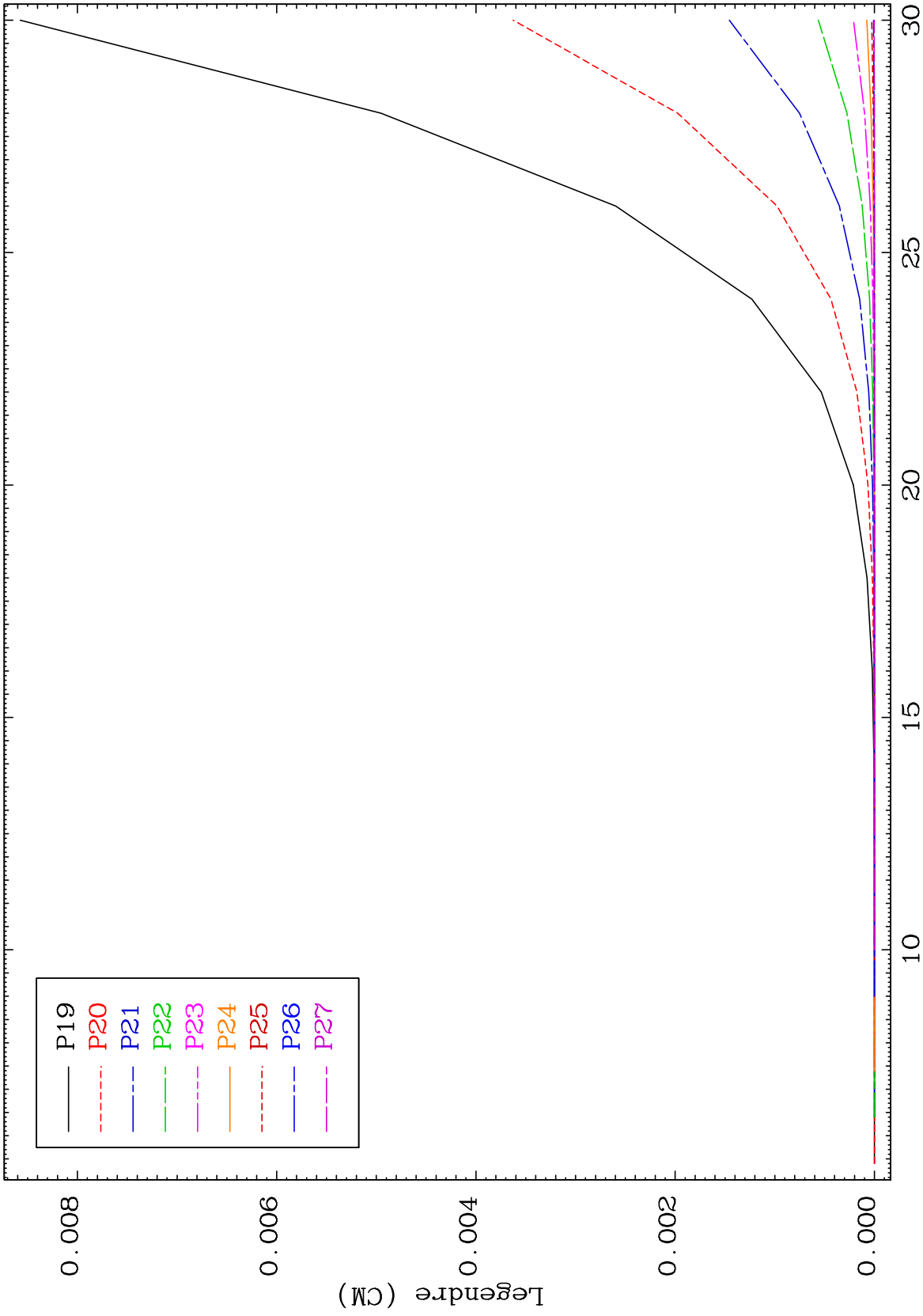
Incident Energy (MeV)

59-Pr-127

MAT 5883

### Elastic Legendre Coefficients

59-Pr-127



15

Incident Energy (MeV)

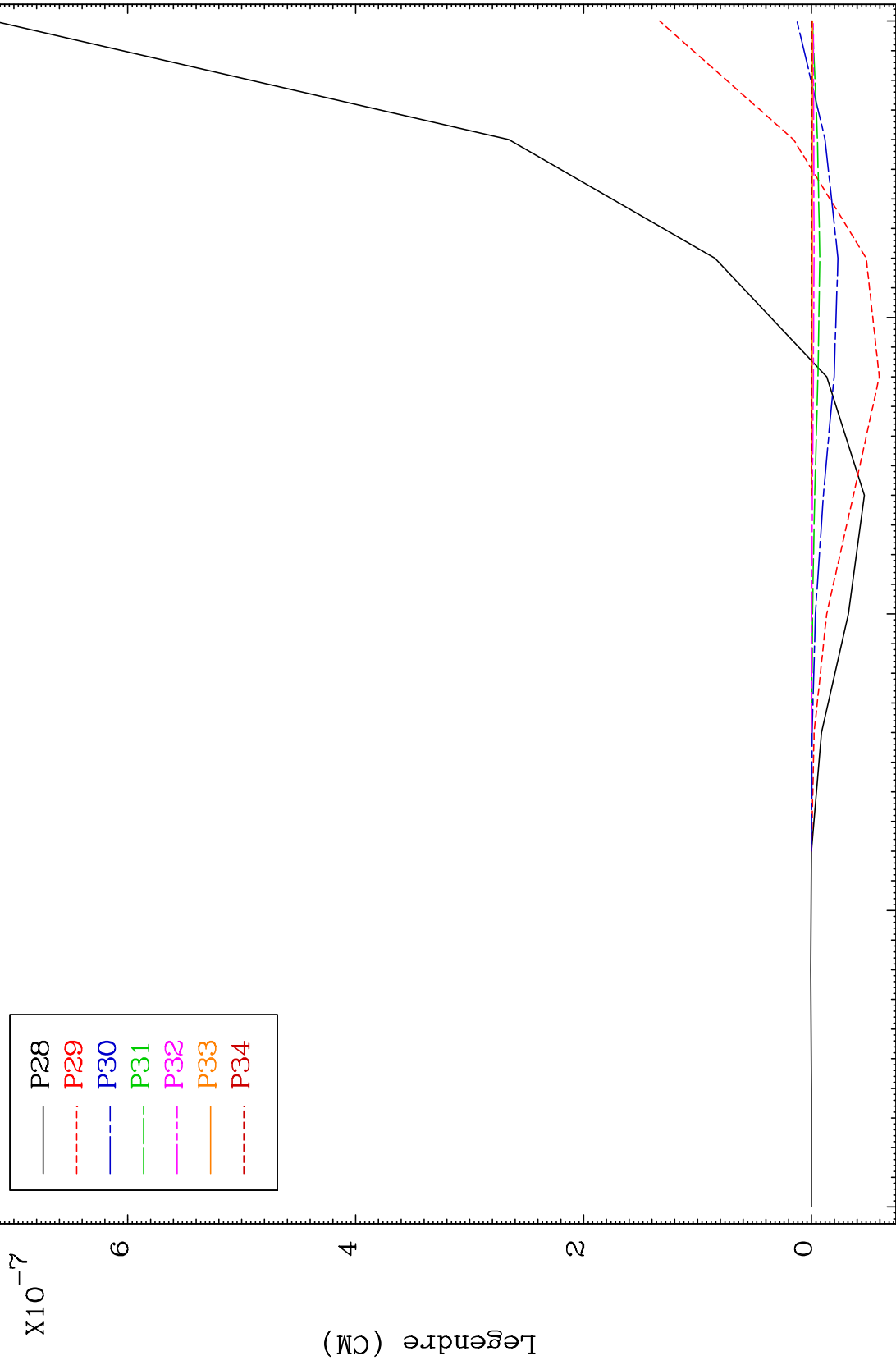
59-Pr-127



MAT 5883

Elastic Legendre Coefficients

59-Pr-127



16

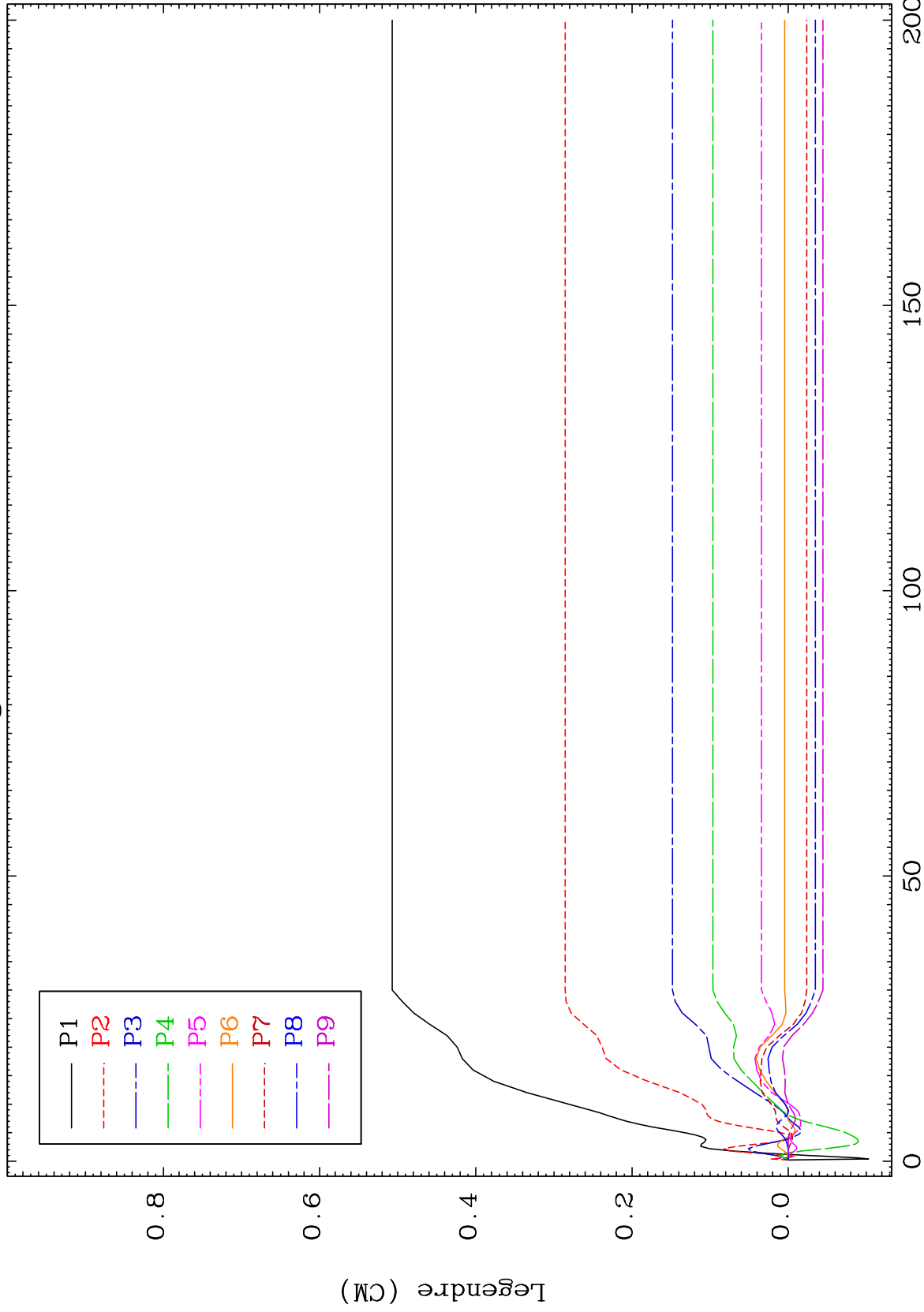
Incident Energy (MeV)

59-Pr-127

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

59-Pr-127



17

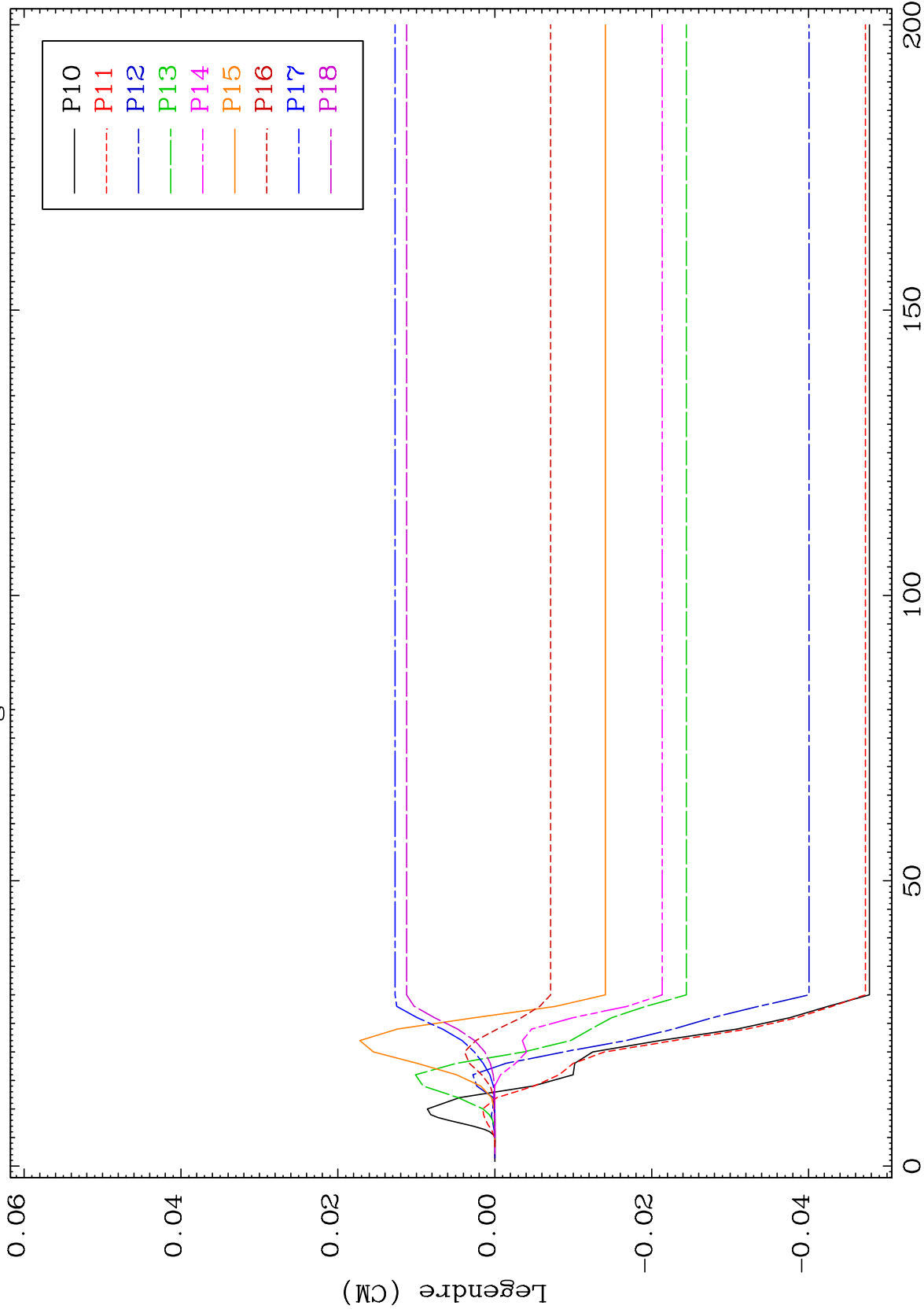
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



18

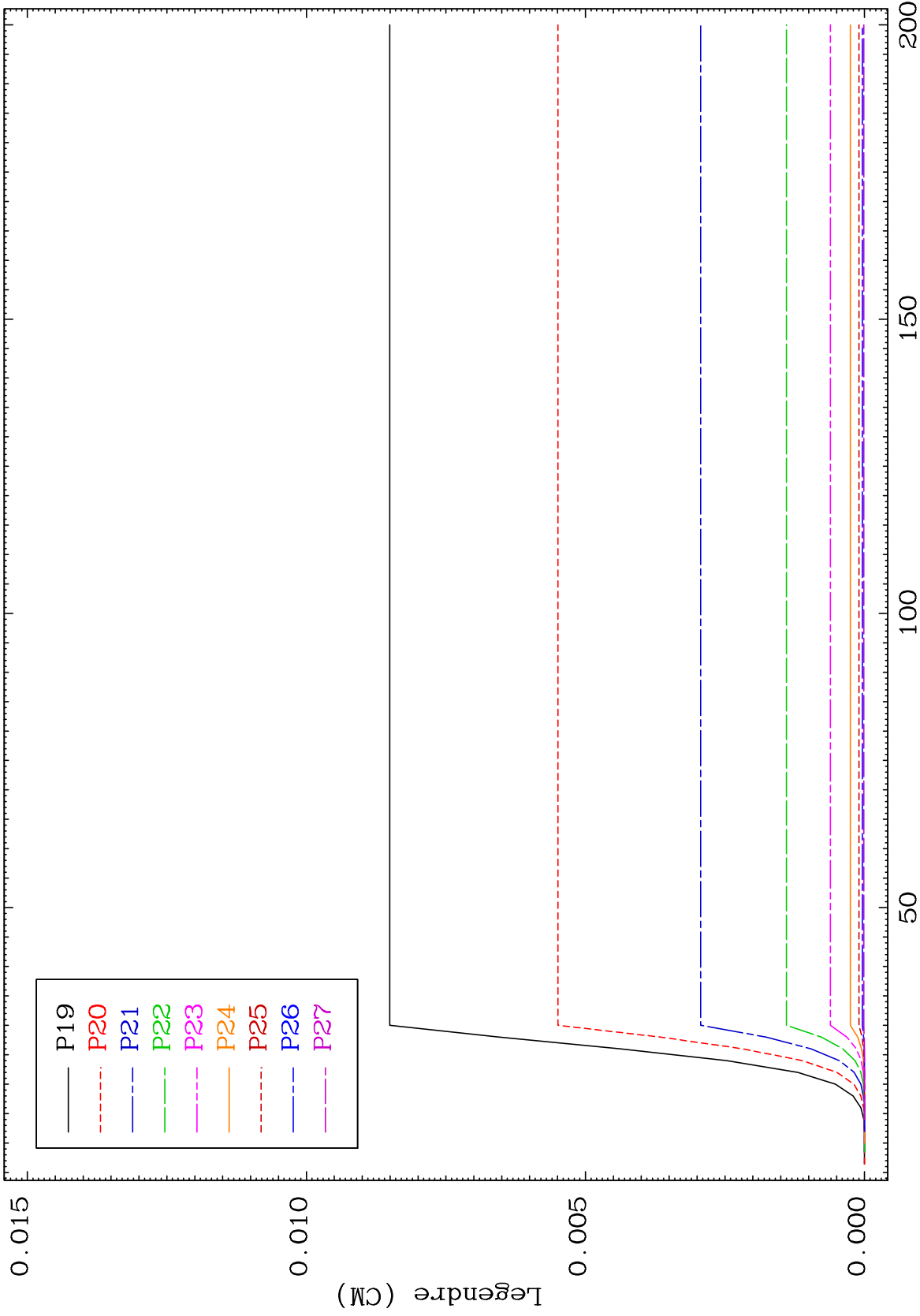
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



19

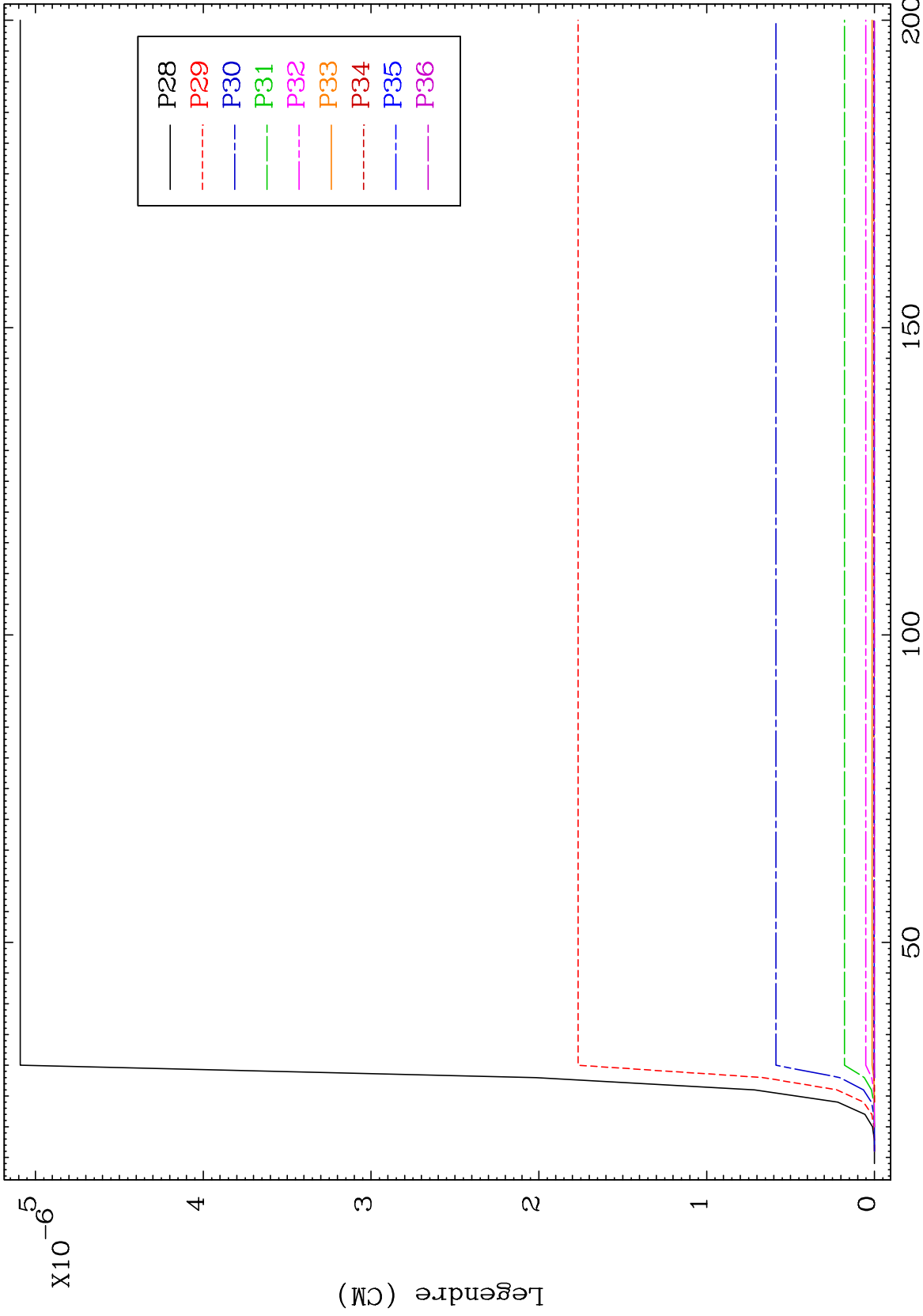
Incident Energy (MeV)

59-Pr-127

MAT 5883

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

59-Pr-127



20

Incident Energy (MeV)

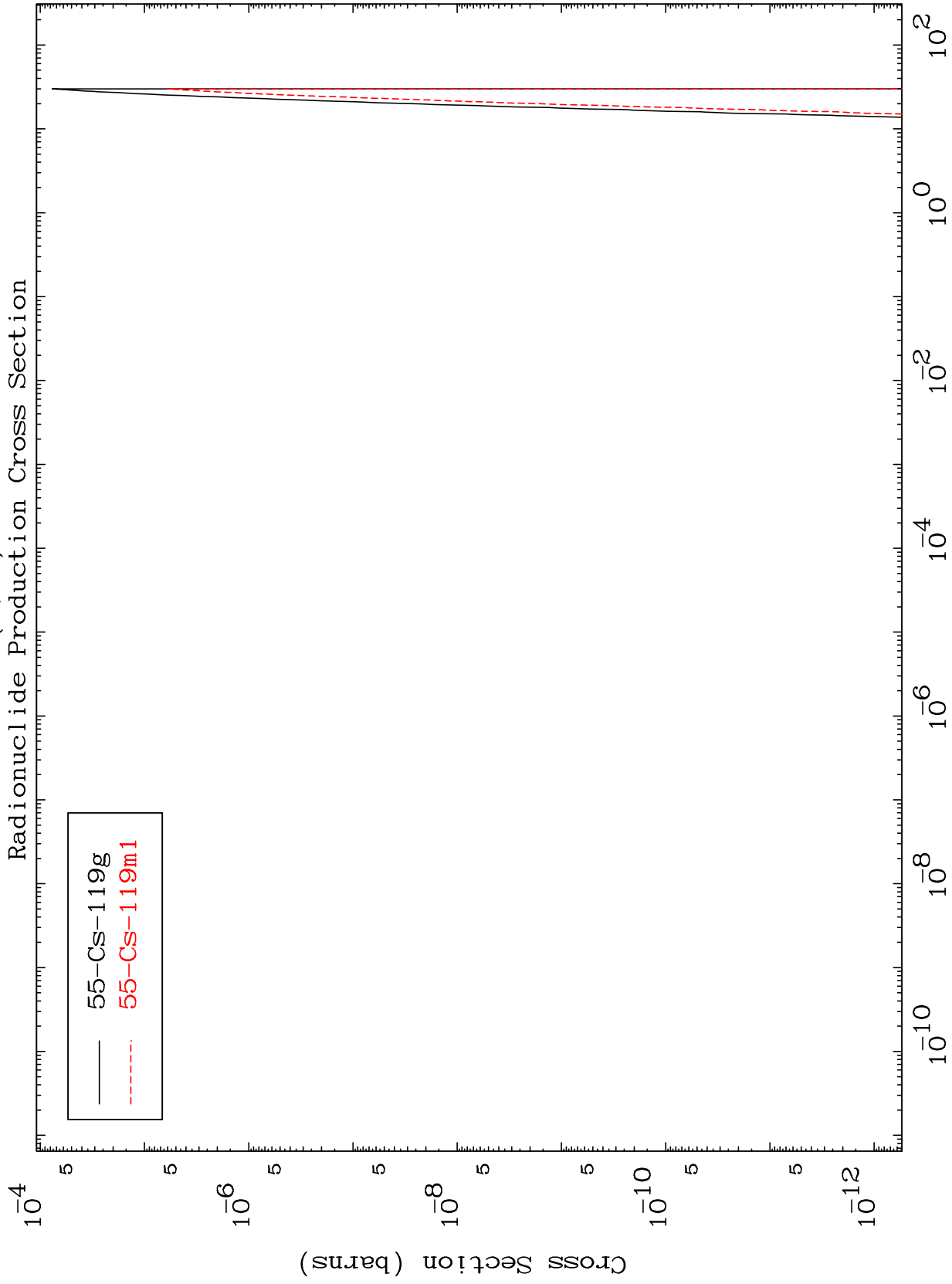
59-Pr-127

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(n,n') 2 $\alpha$

59-Pr-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

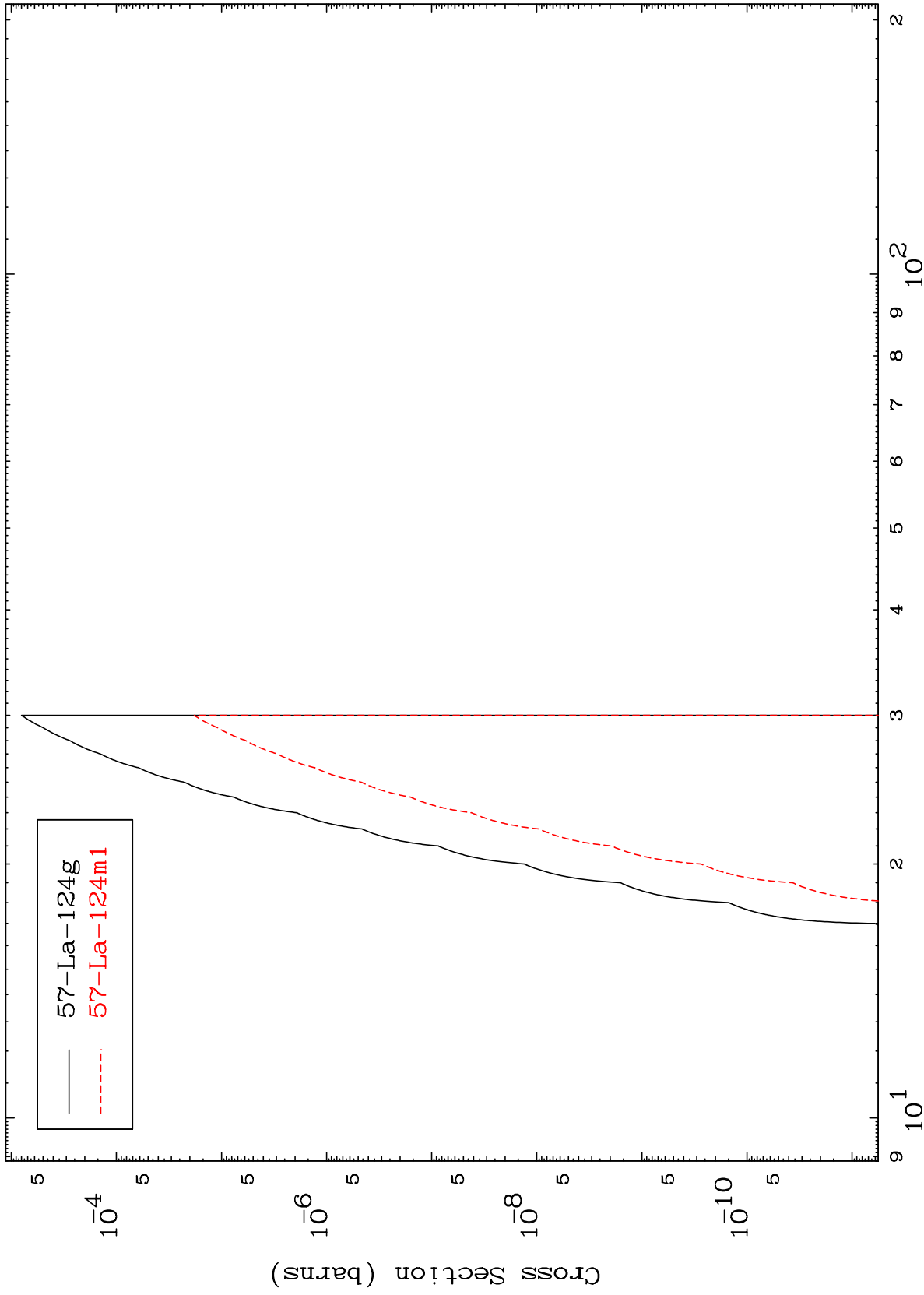
59-Pr-127

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(n, n') He-3

59-Pr-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

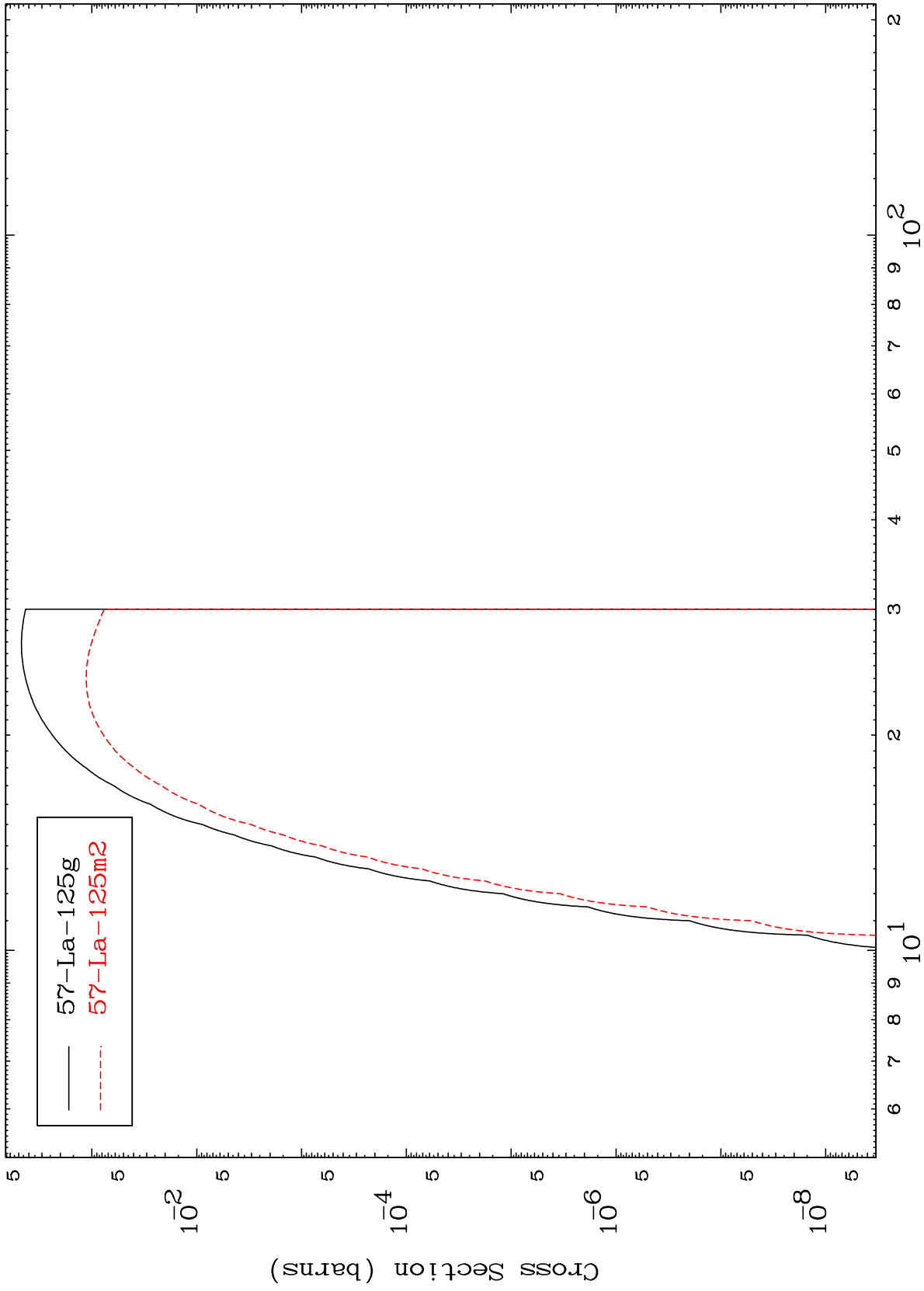
59-Pr-127

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(n,2n) p

59-Pr-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

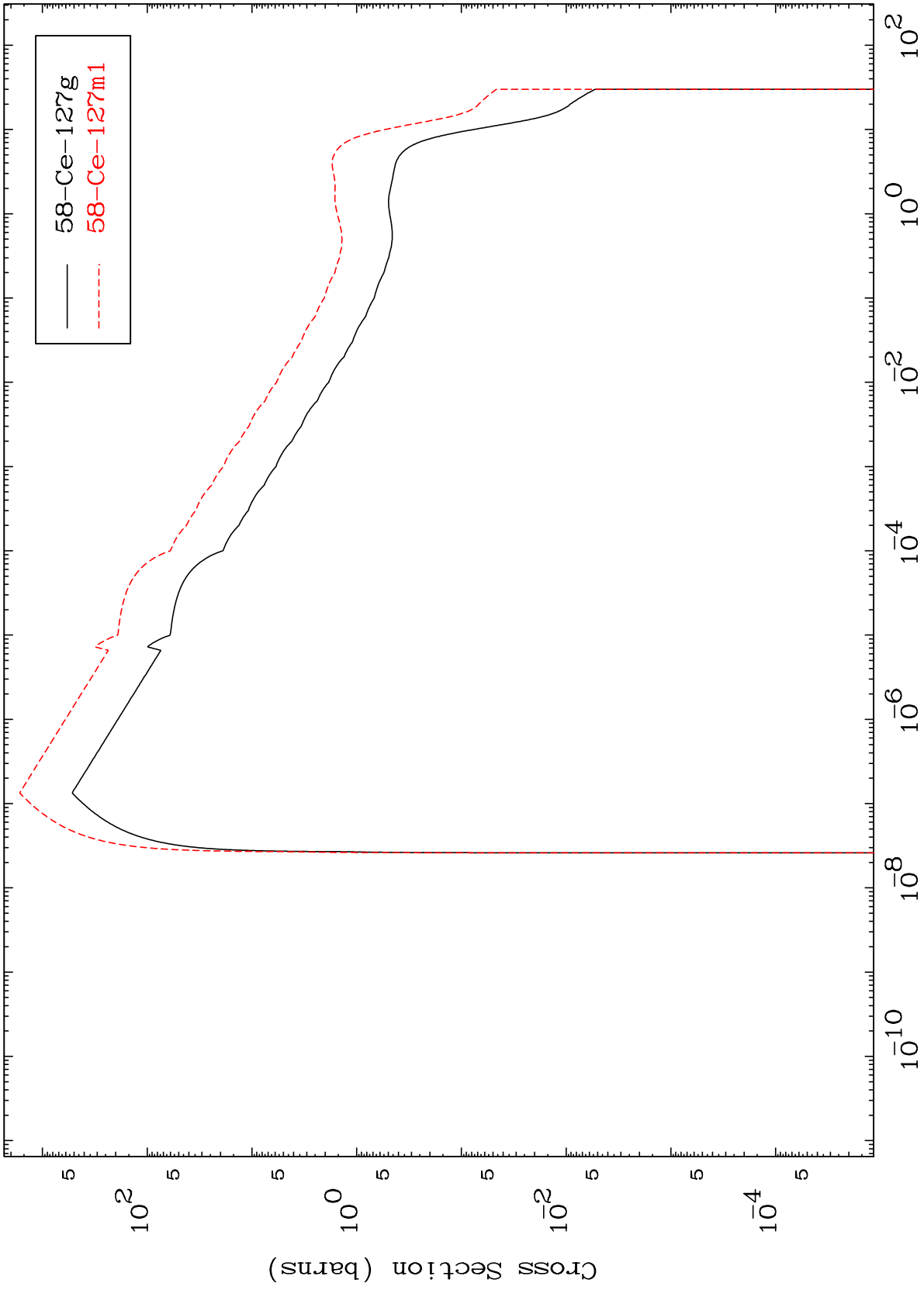
59-Pr-127



MAT 5883

59-Pr-127

(n,p)  
Radionuclide Production Cross Section



24

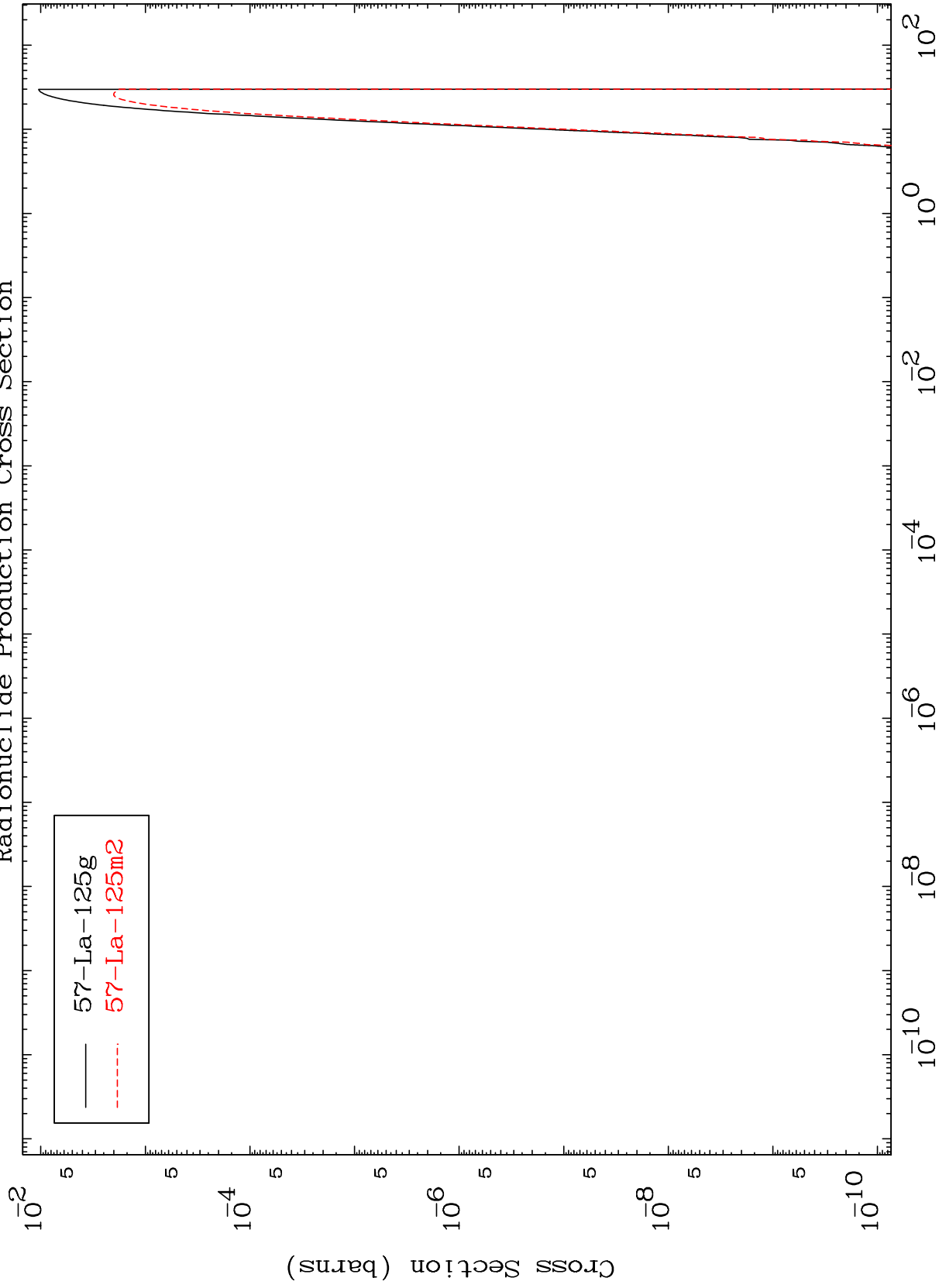
59-Pr-127

MAT 5883

(n, He-3)

59-Pr-127

Radionuclide Production Cross Section

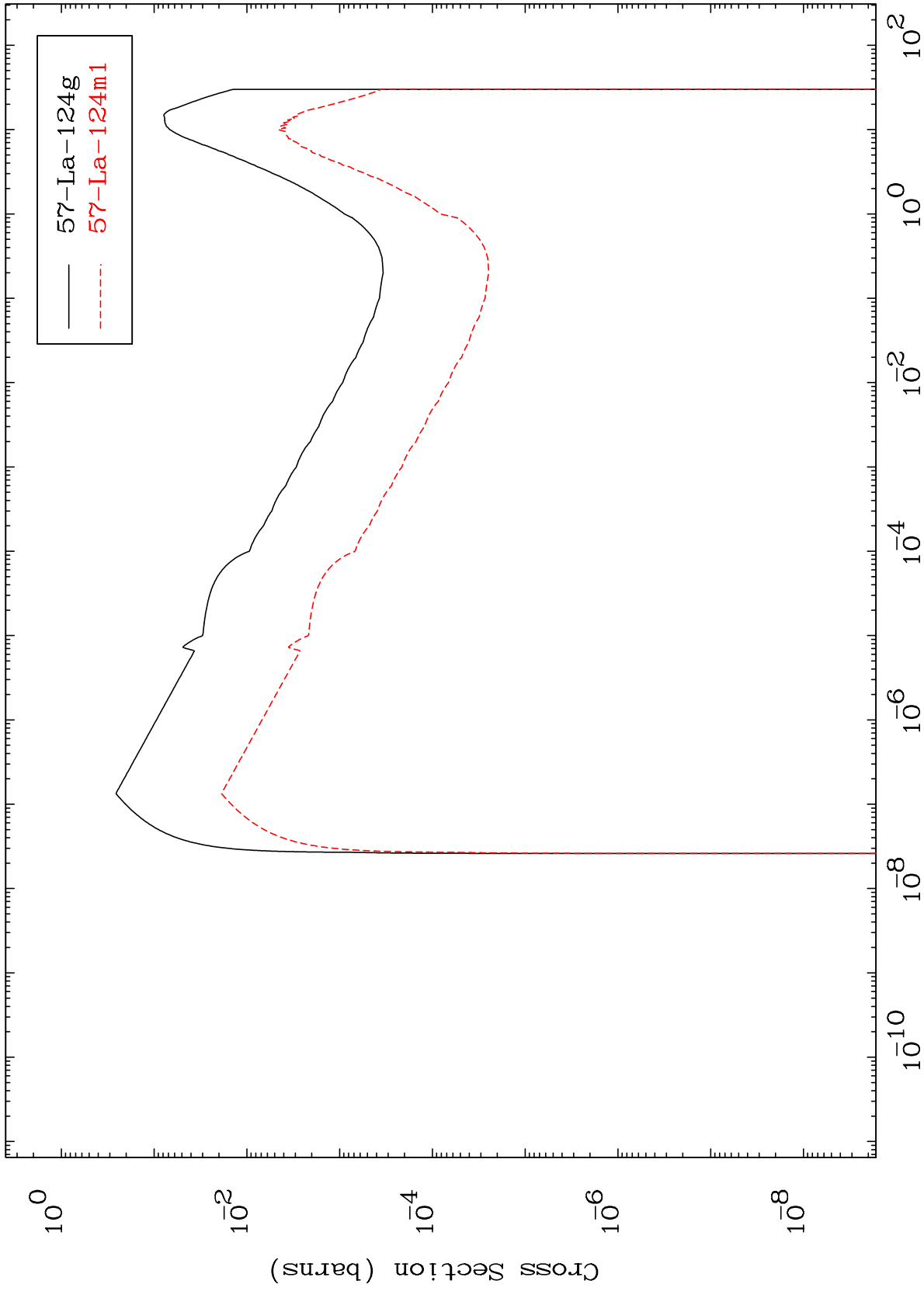


25

Incident Energy (MeV)

59-Pr-127

Radionuclide Production Cross Section

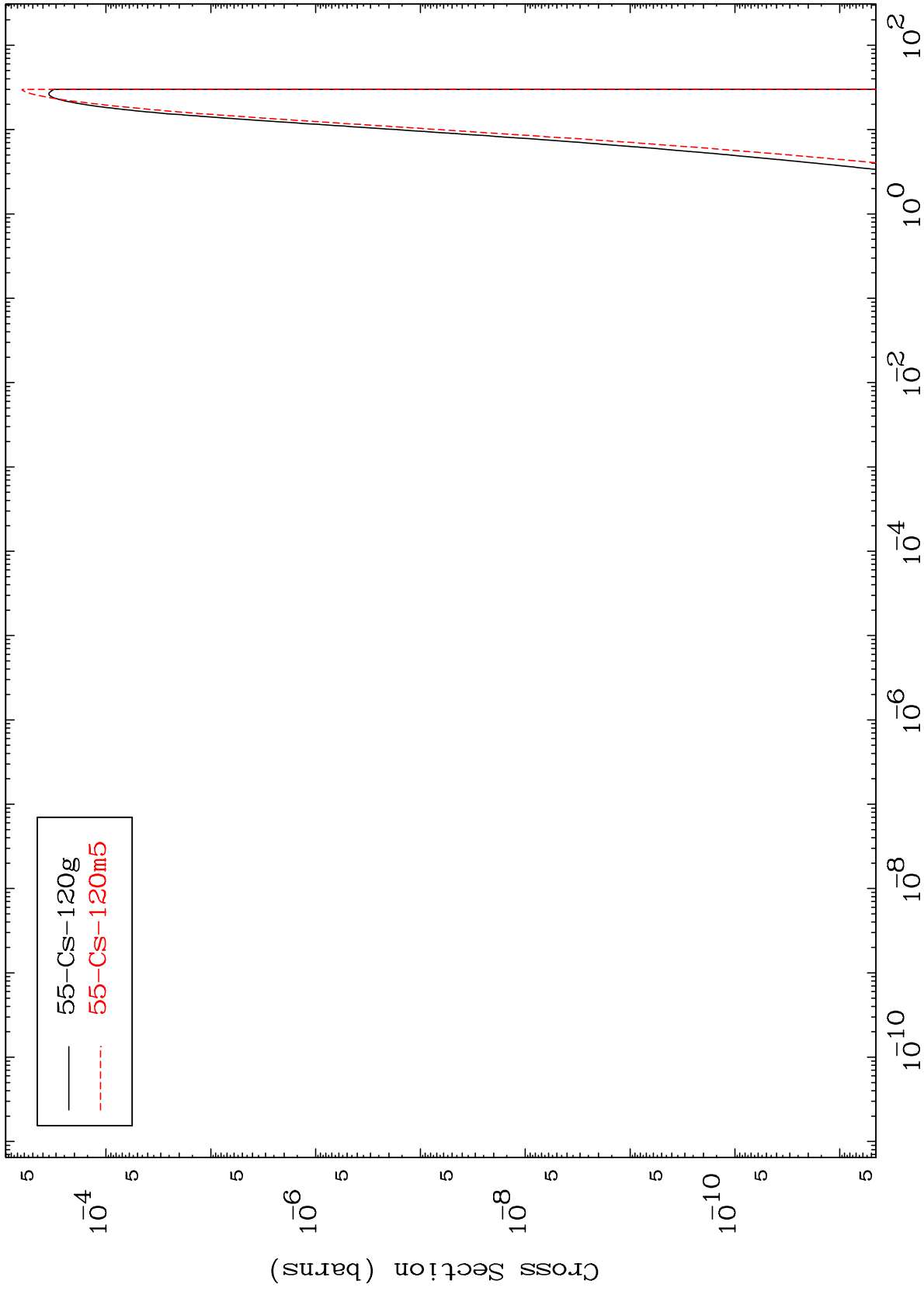


MAT 5883

(n,2α)

59-Pr-127

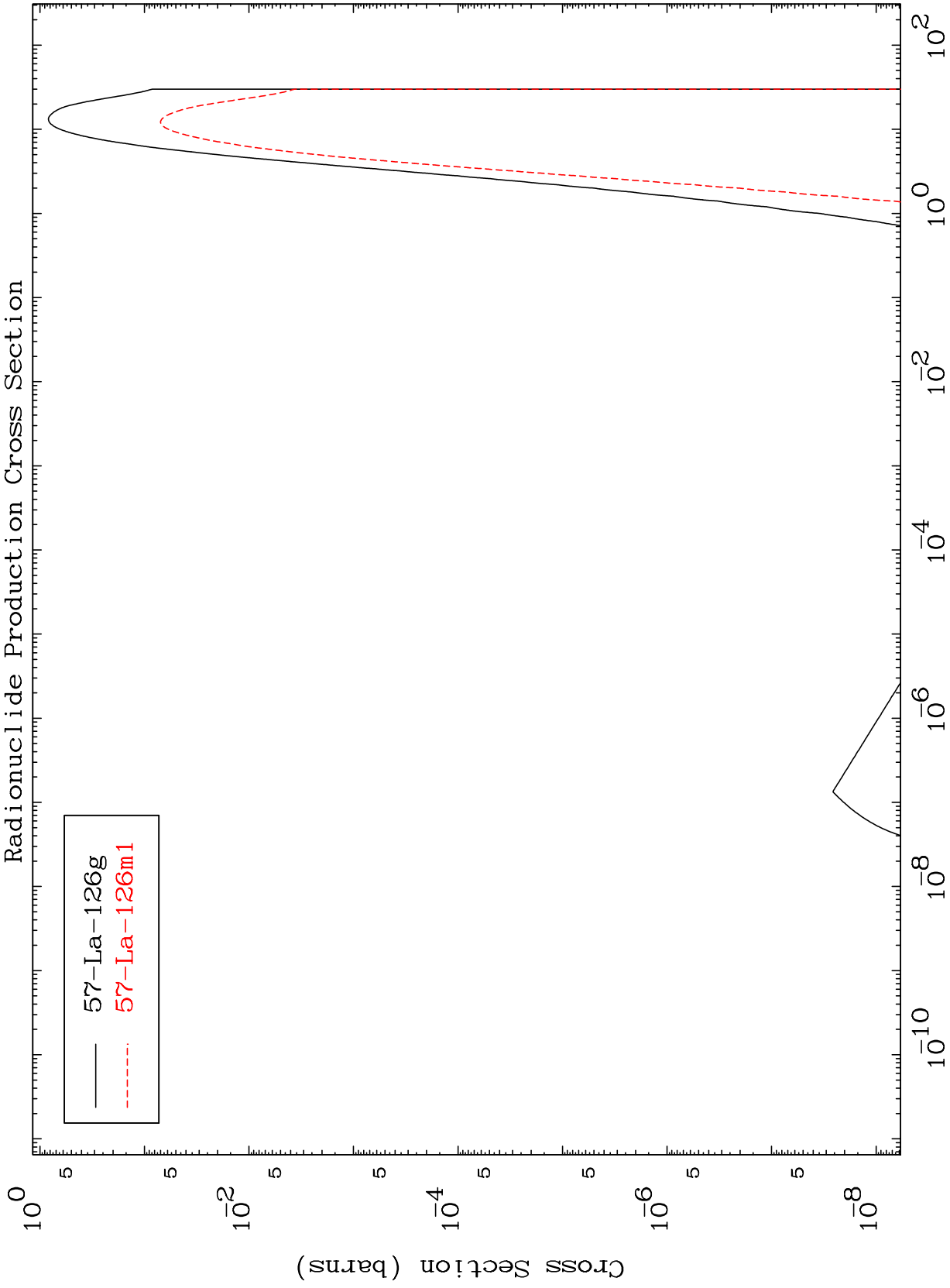
Radionuclide Production Cross Section



MAT 5883

(n,2p)  
Radionuclide Production Cross Section

59-Pr-127



28

Incident Energy (MeV)

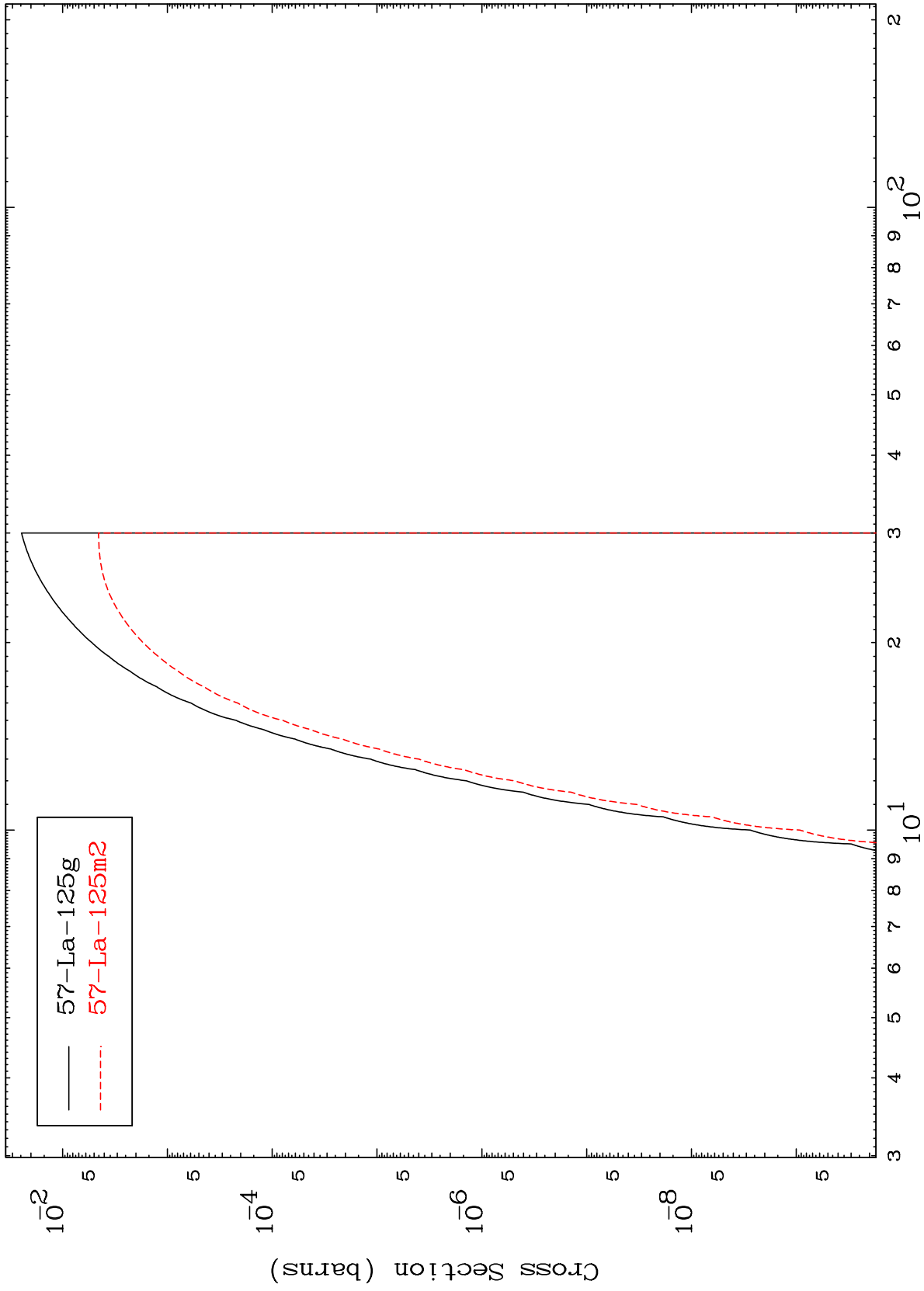
59-Pr-127

MAT 5883

(n,p) d

59-Pr-127

Radionuclide Production Cross Section



29

Incident Energy (MeV)

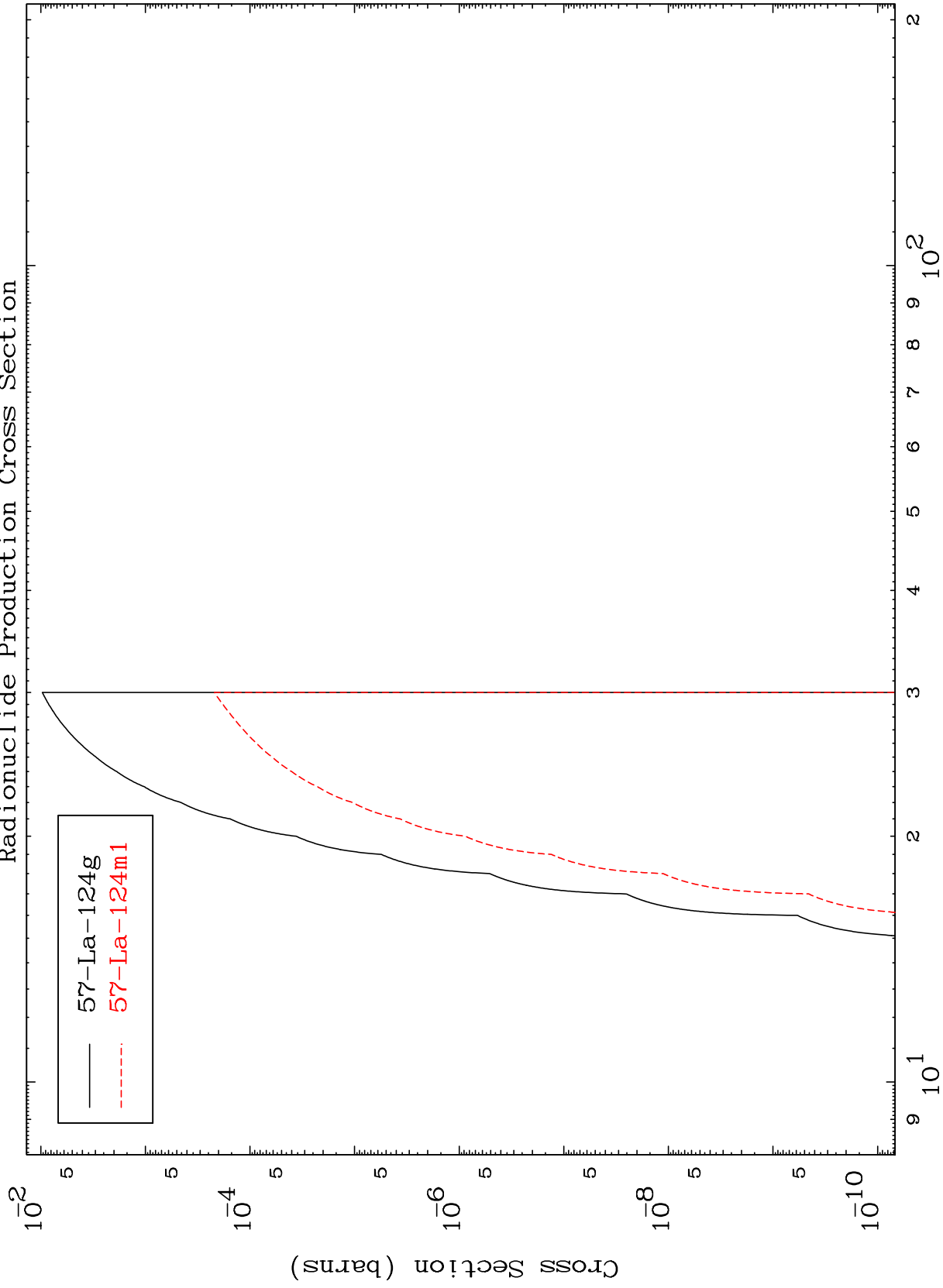
59-Pr-127

MAT 5883

(n,p) t

59-Pr-127

Radionuclide Production Cross Section



30

Incident Energy (MeV)

59-Pr-127