

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

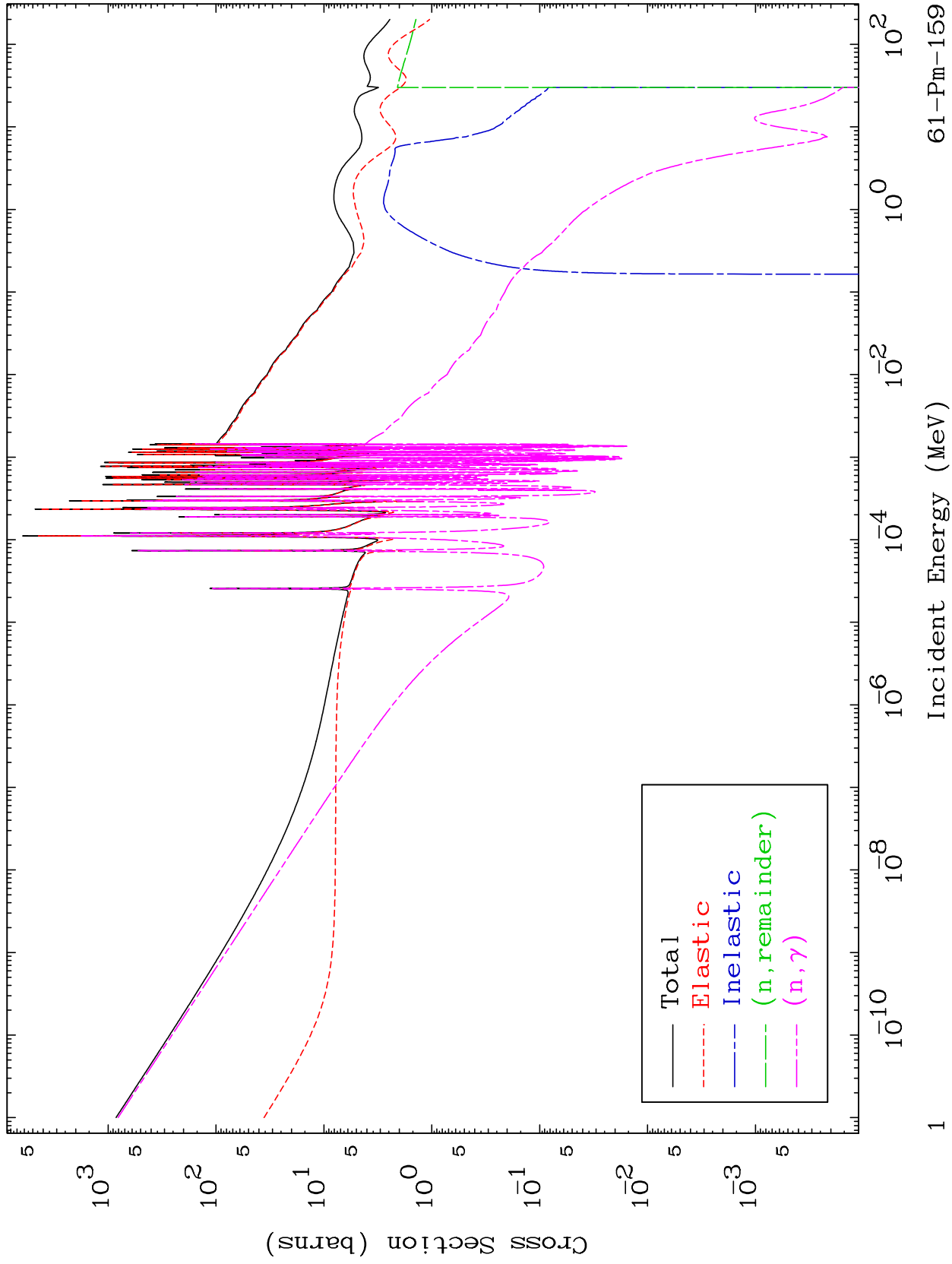
Press Mouse Button to Start

MAT 6185

Major

293 Kelvin Cross Sections

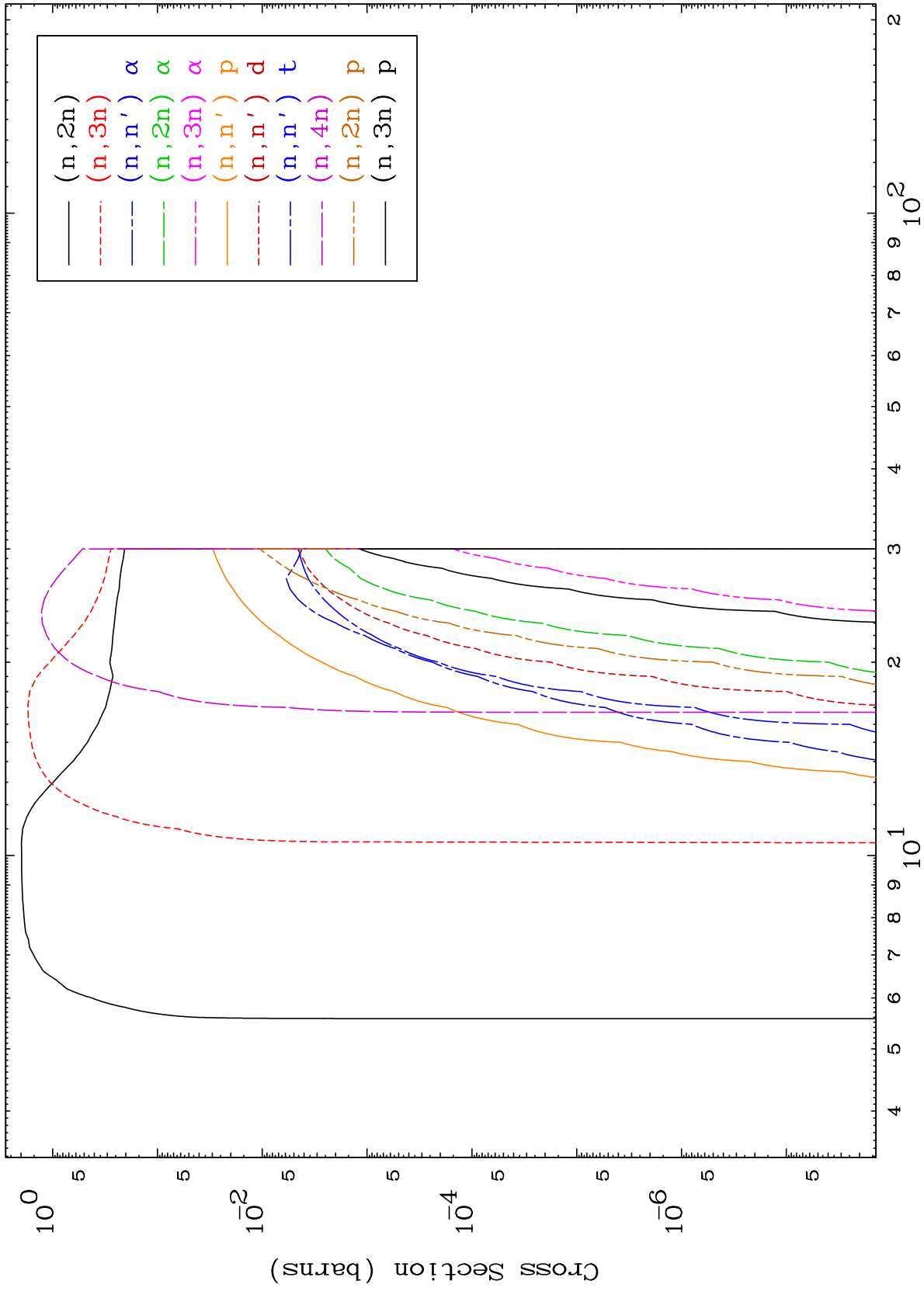
61-Pm-159



MAT 6185

### Neutron Production 293 Kelvin Cross Sections

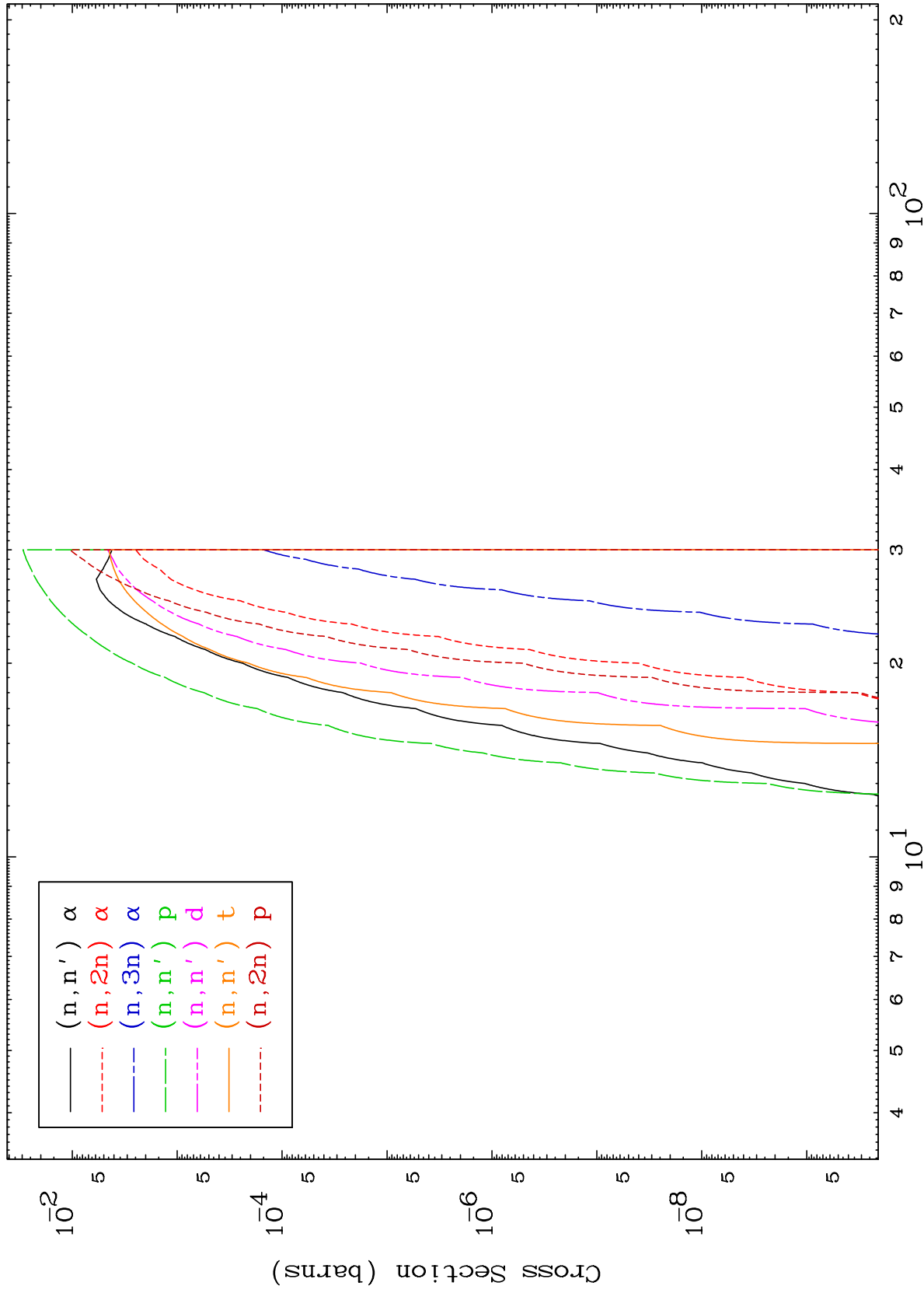
61-Pm-159



2

Incident Energy (MeV)

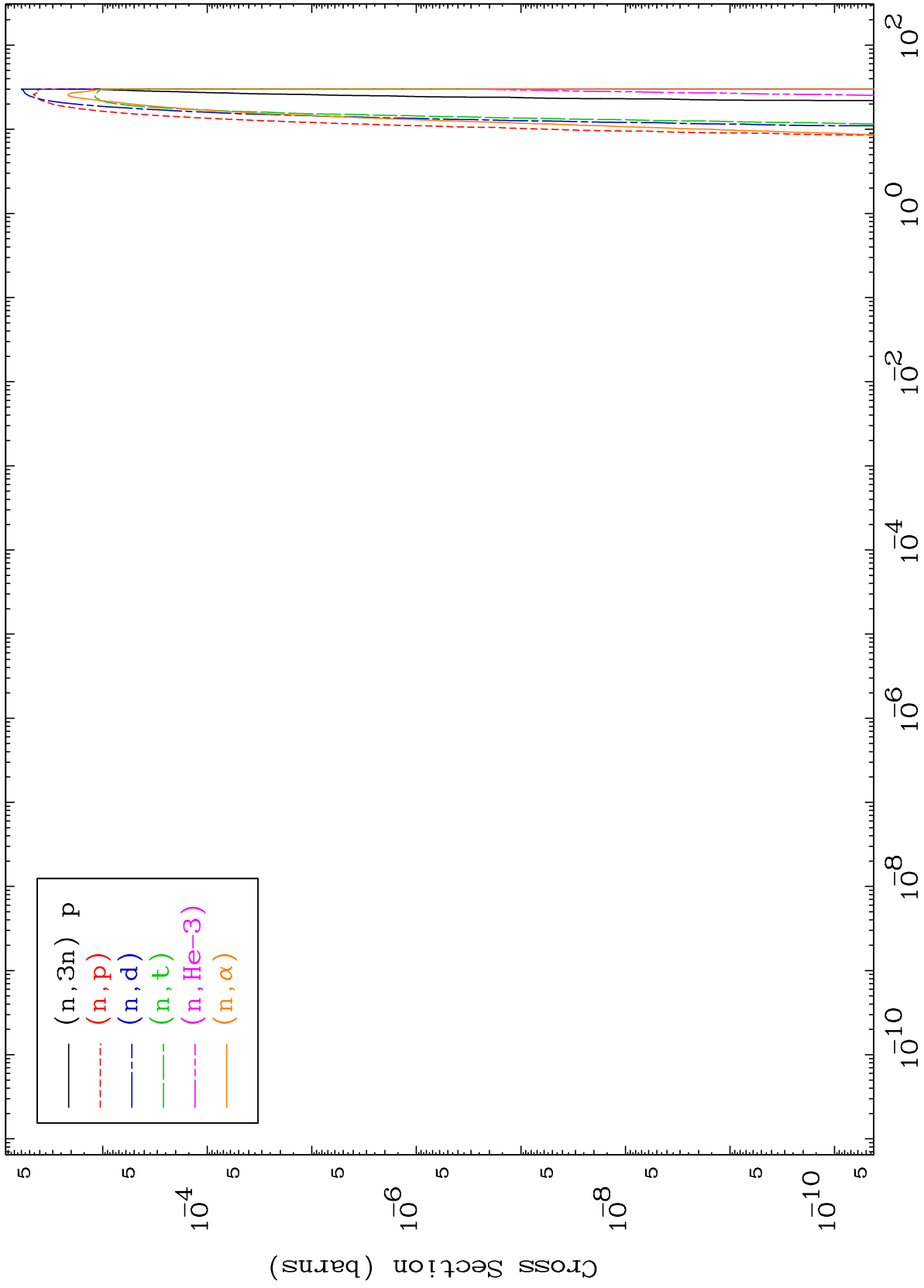
61-Pm-159



MAT 6185

293 Kelvin Cross Sections

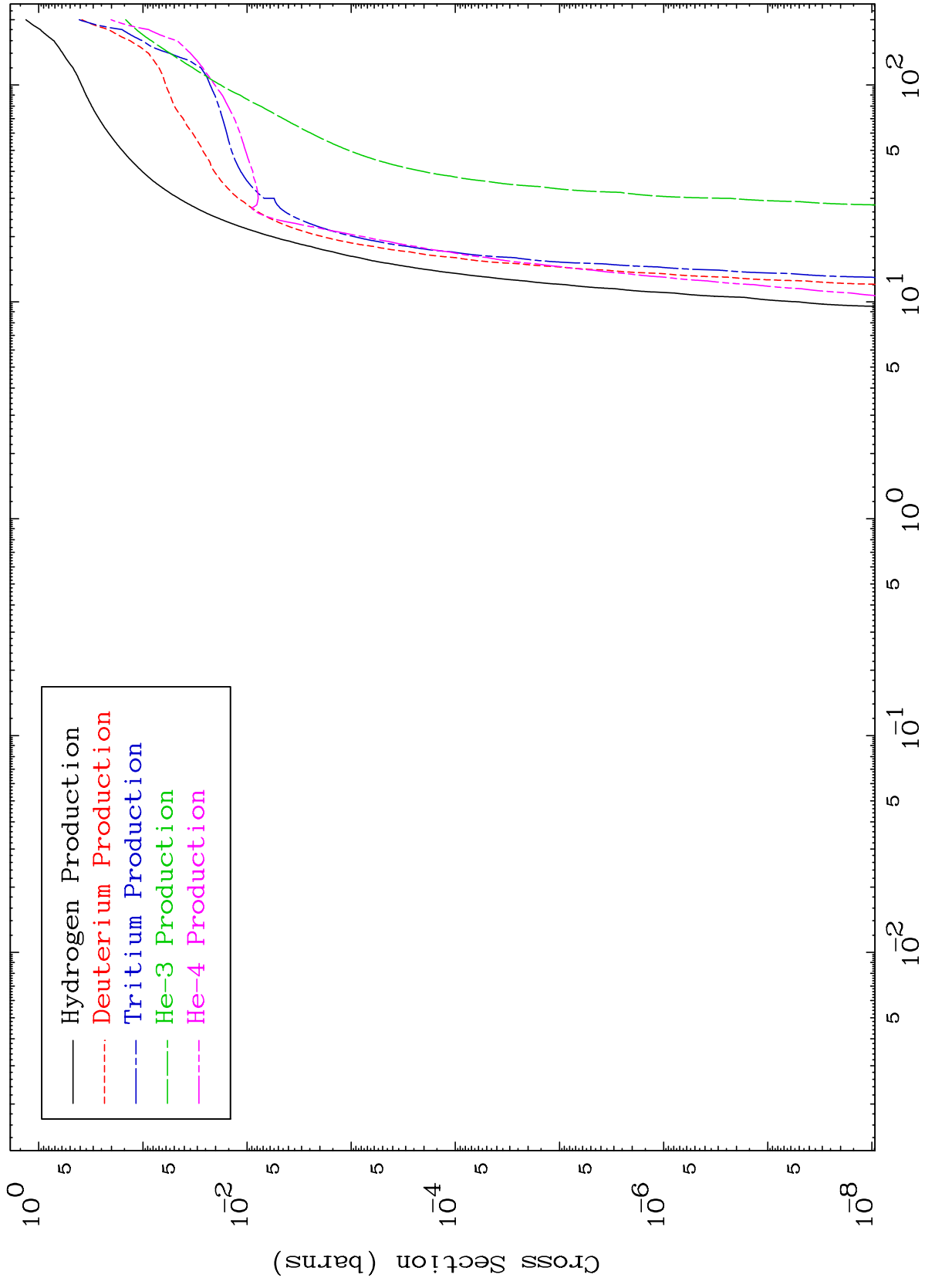
61-Pm-159



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Particle Production  
293 Kelvin Cross Sections

61-Pm-159



5

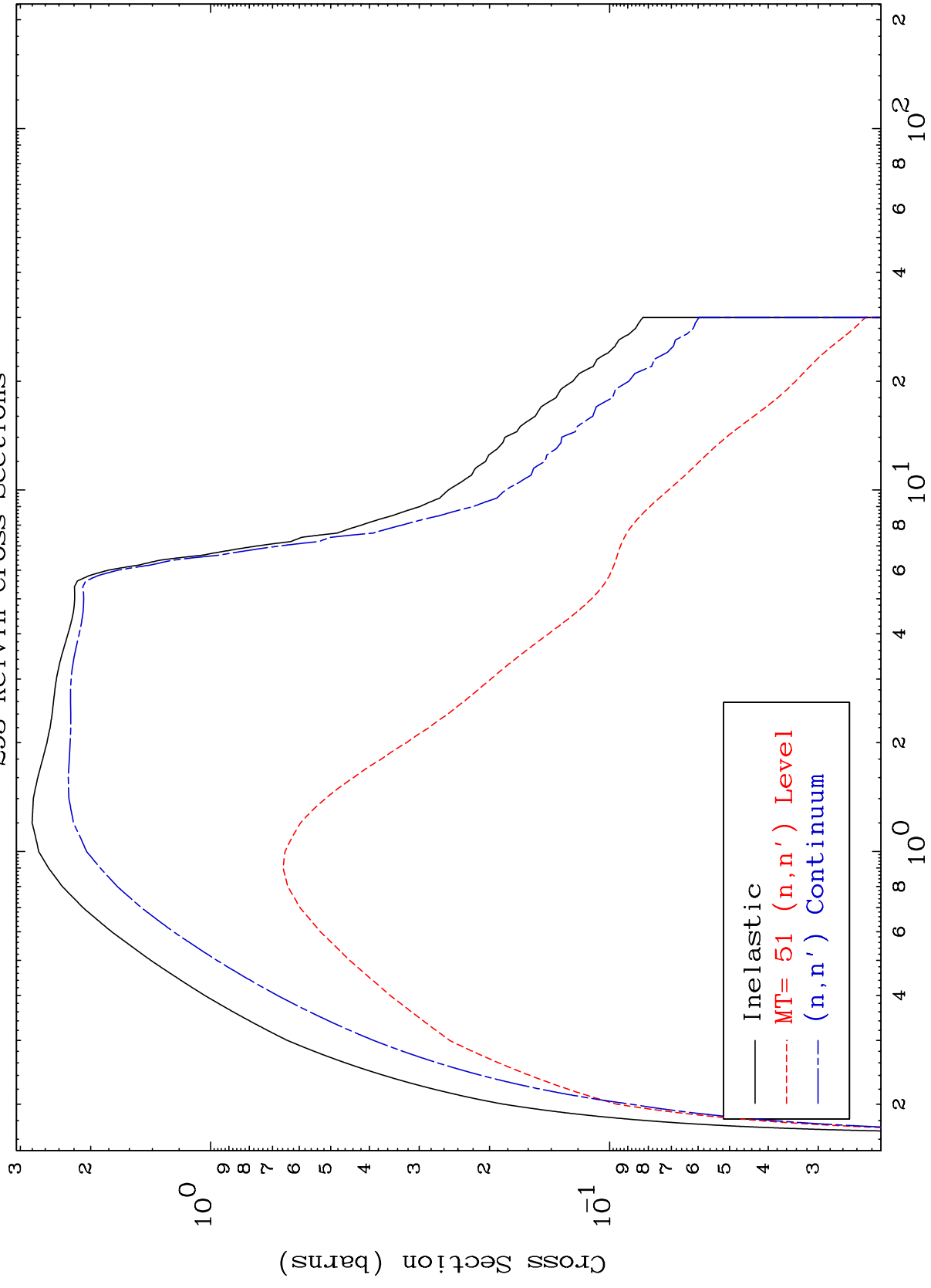
Incident Energy (MeV)

61-Pm-159

MAT 6185

(n,n') Level  
293 Kelvin Cross Sections

61-Pm-159



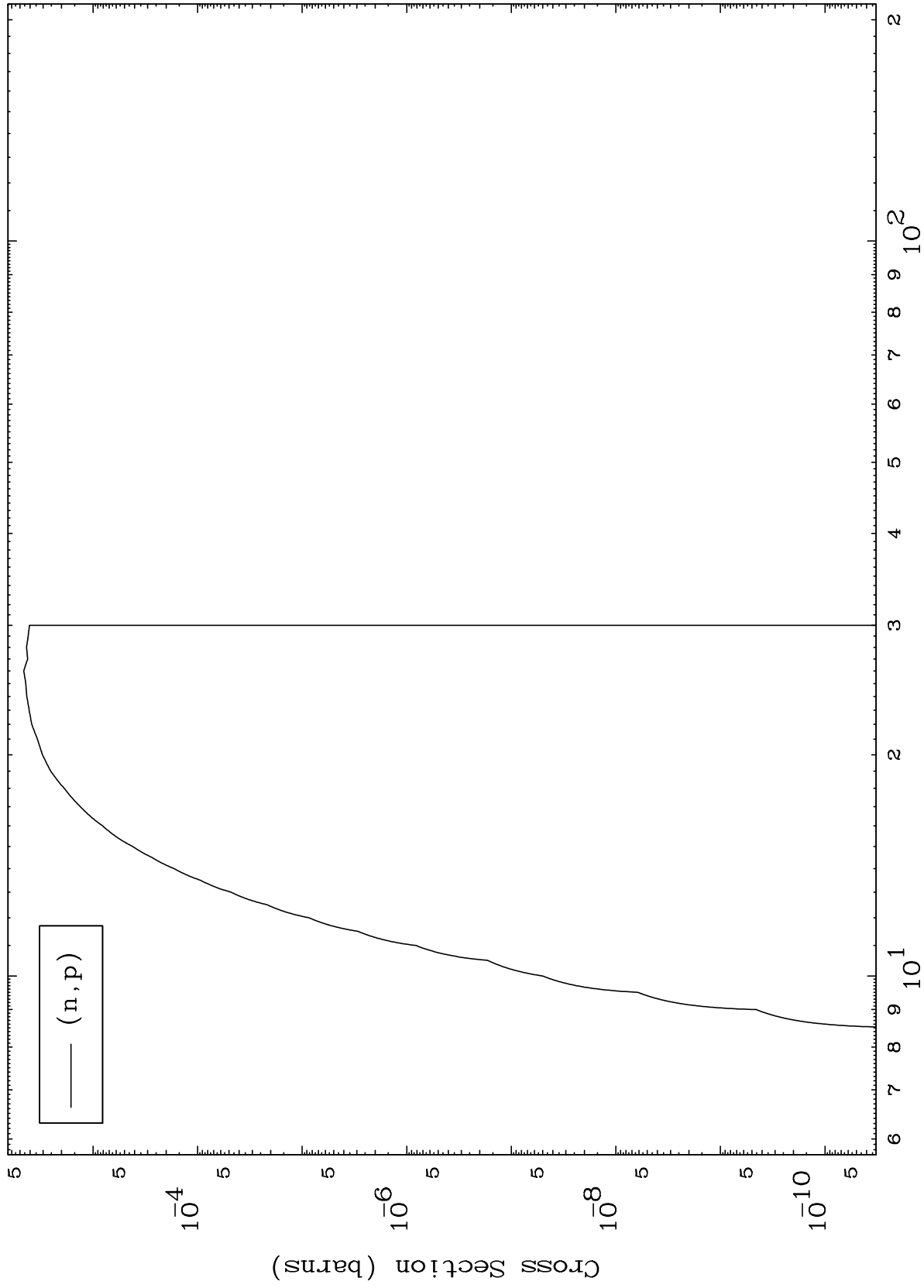
6

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MAT 6185

(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-159



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Incident Energy (MeV)

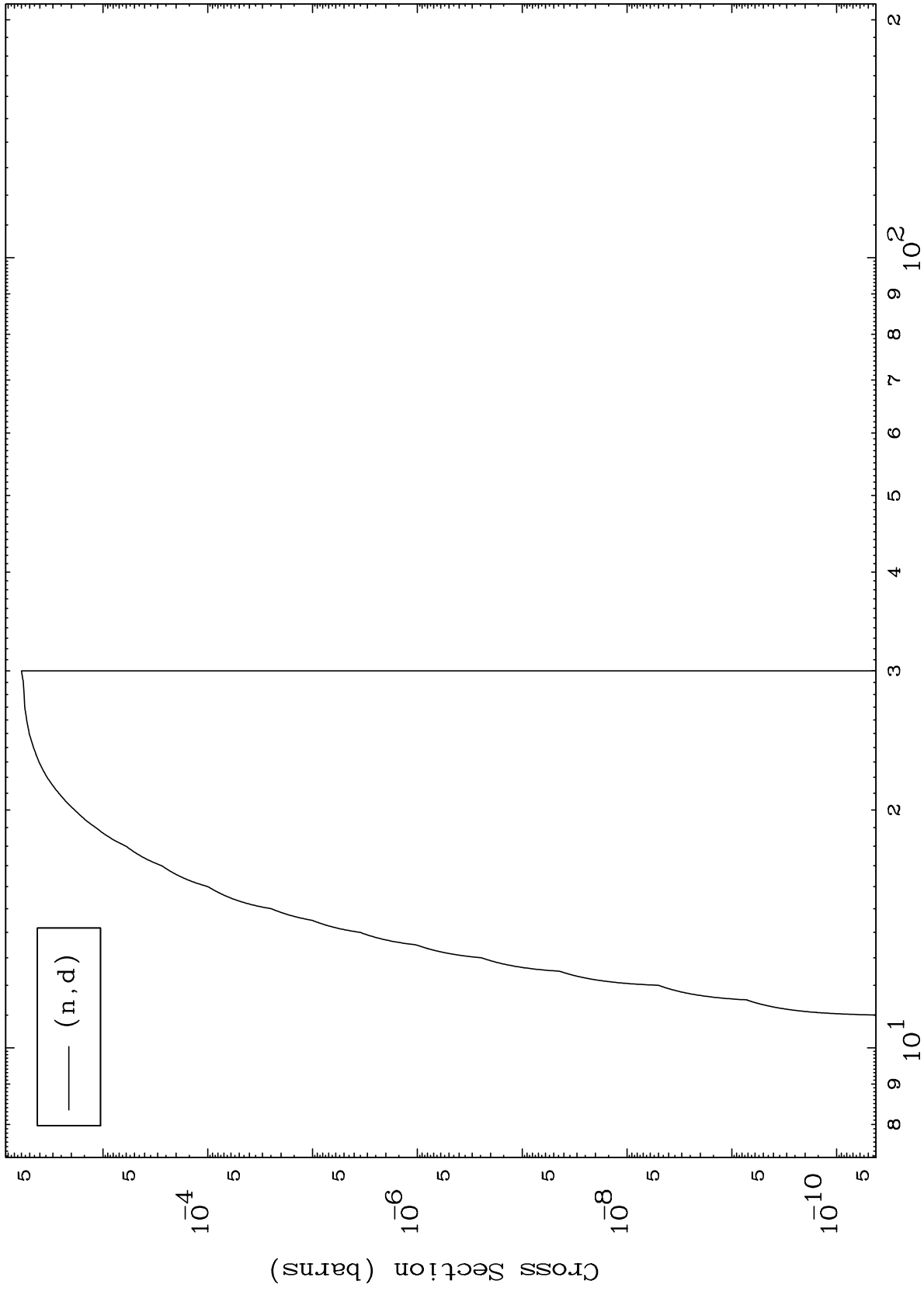
61-Pm-159



MAT 6185

(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-159



8

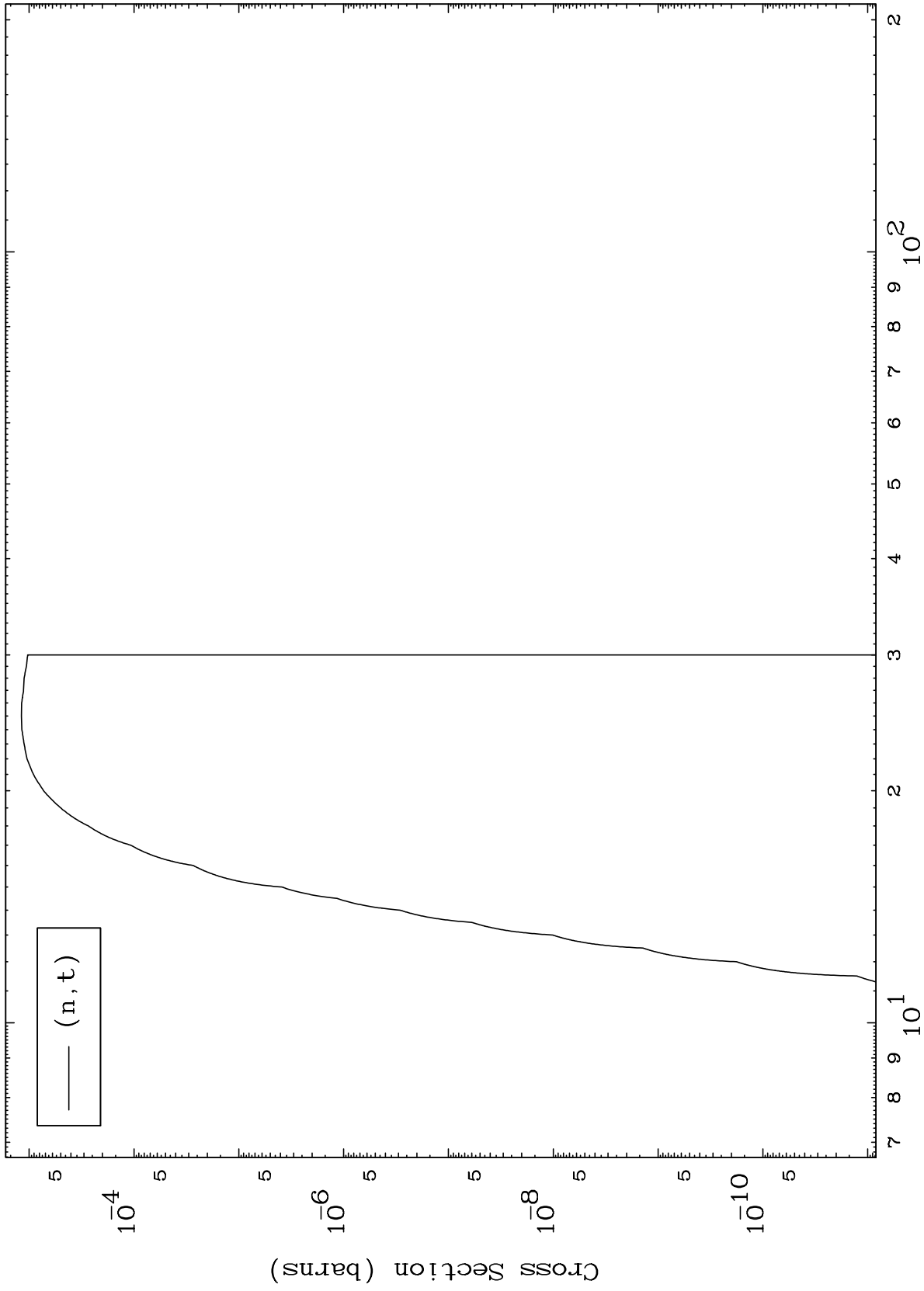
Incident Energy (MeV)

61-Pm-159

MAT 6185

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-159



9

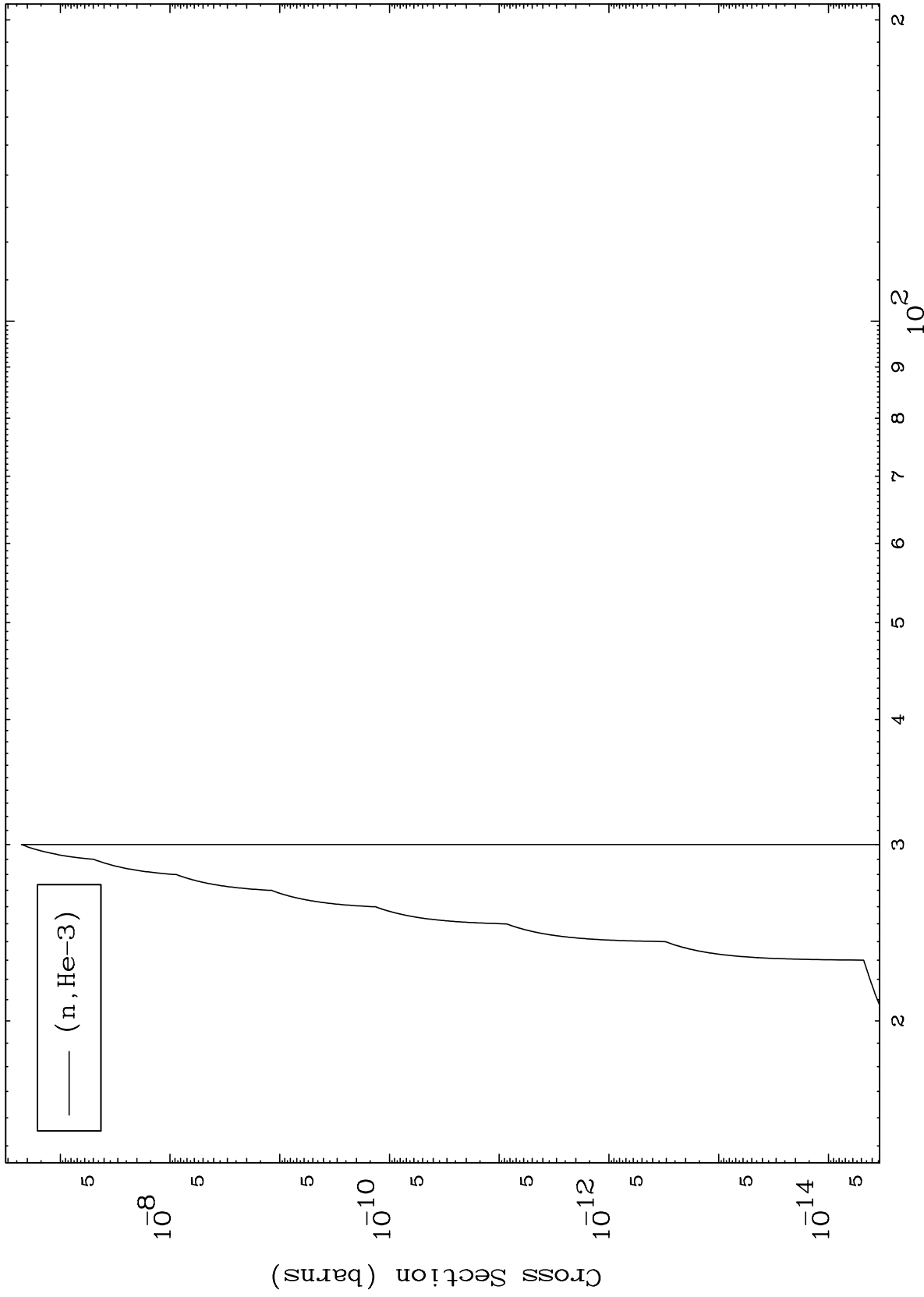
Incident Energy (MeV)

61-Pm-159

MAT 6185

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-159



10

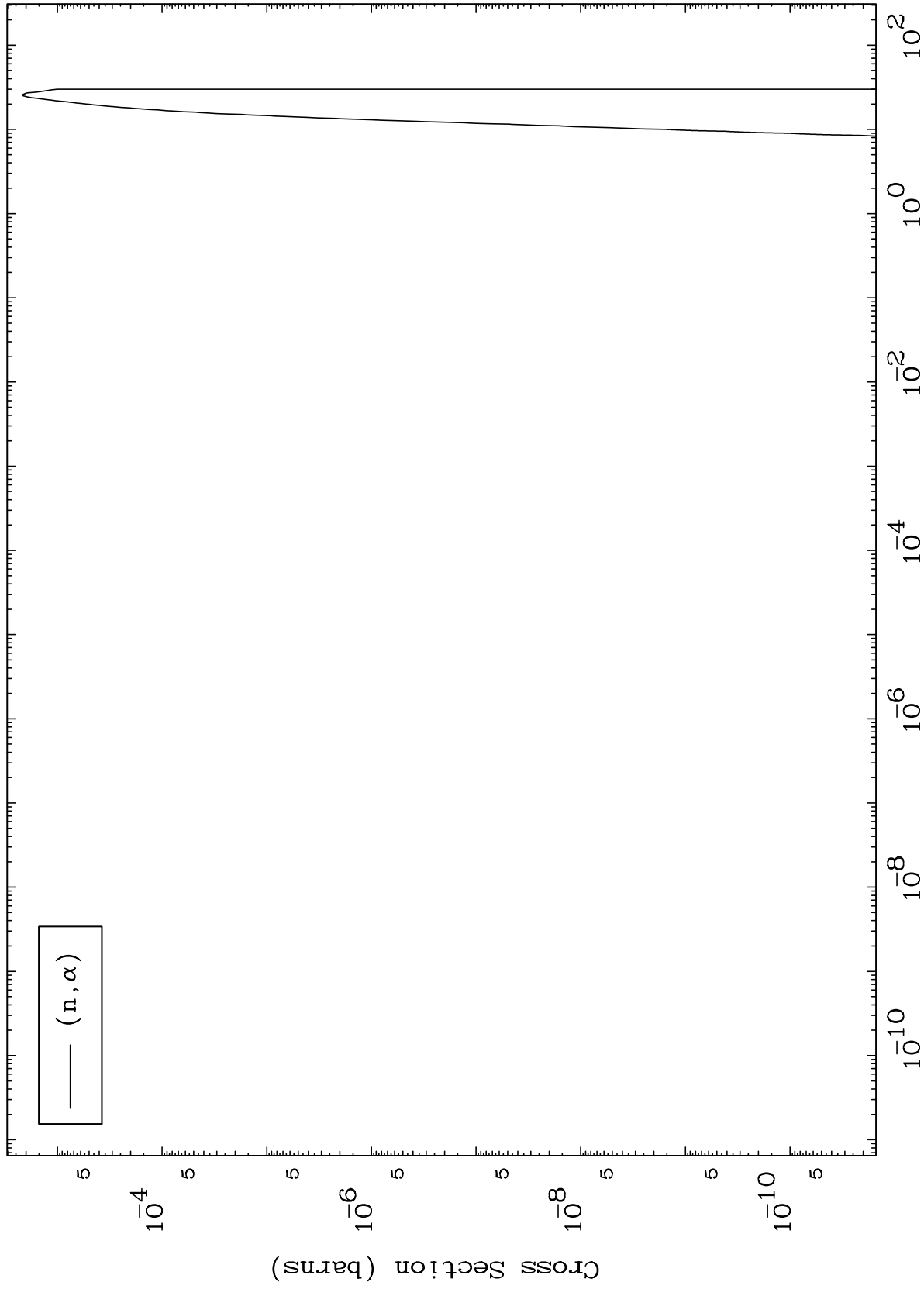
Incident Energy (MeV)

61-Pm-159

MAT 6185

(n,α) Levels  
293 Kelvin Cross Sections

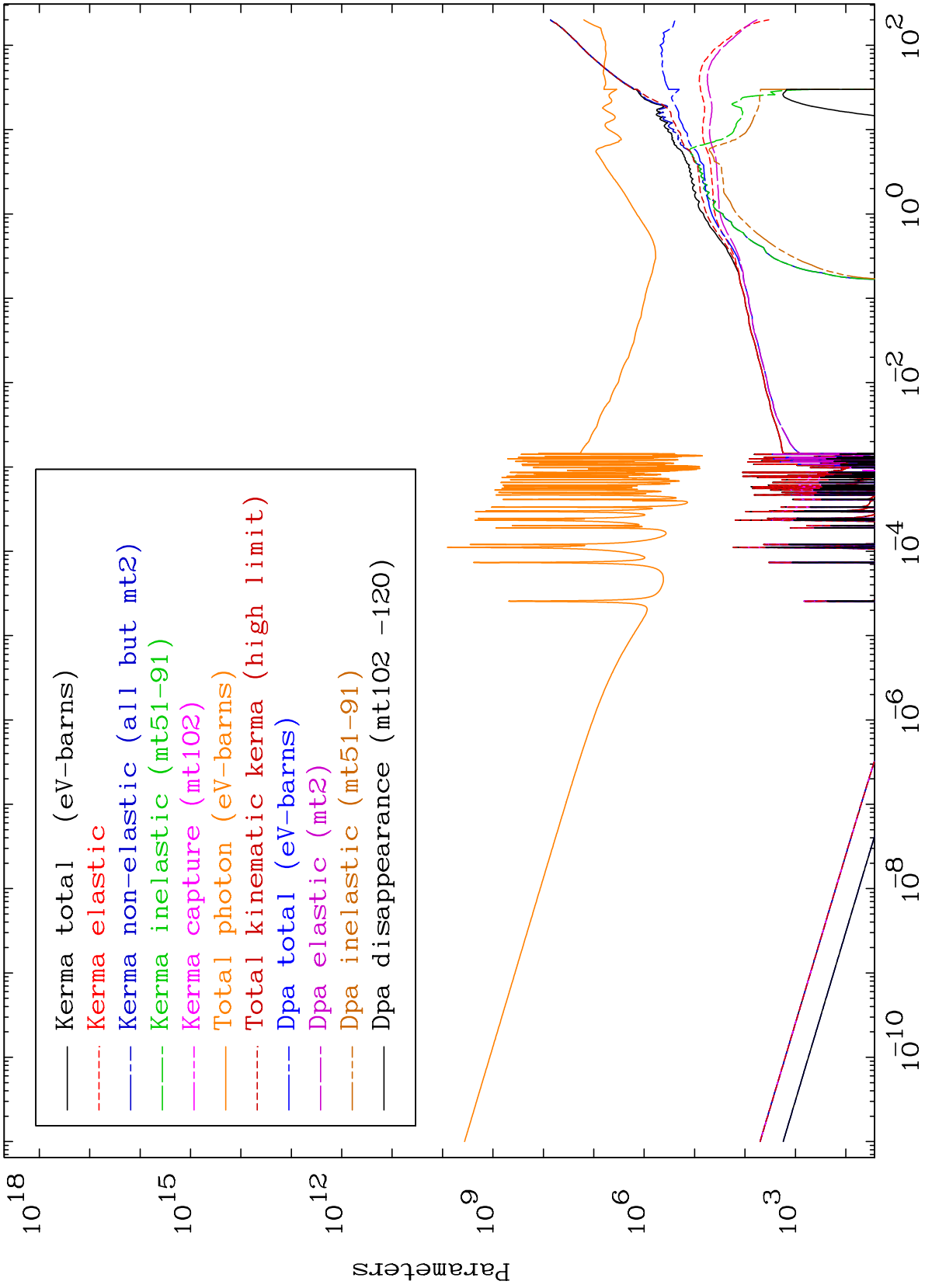
61-Pm-159



11

Incident Energy (MeV)

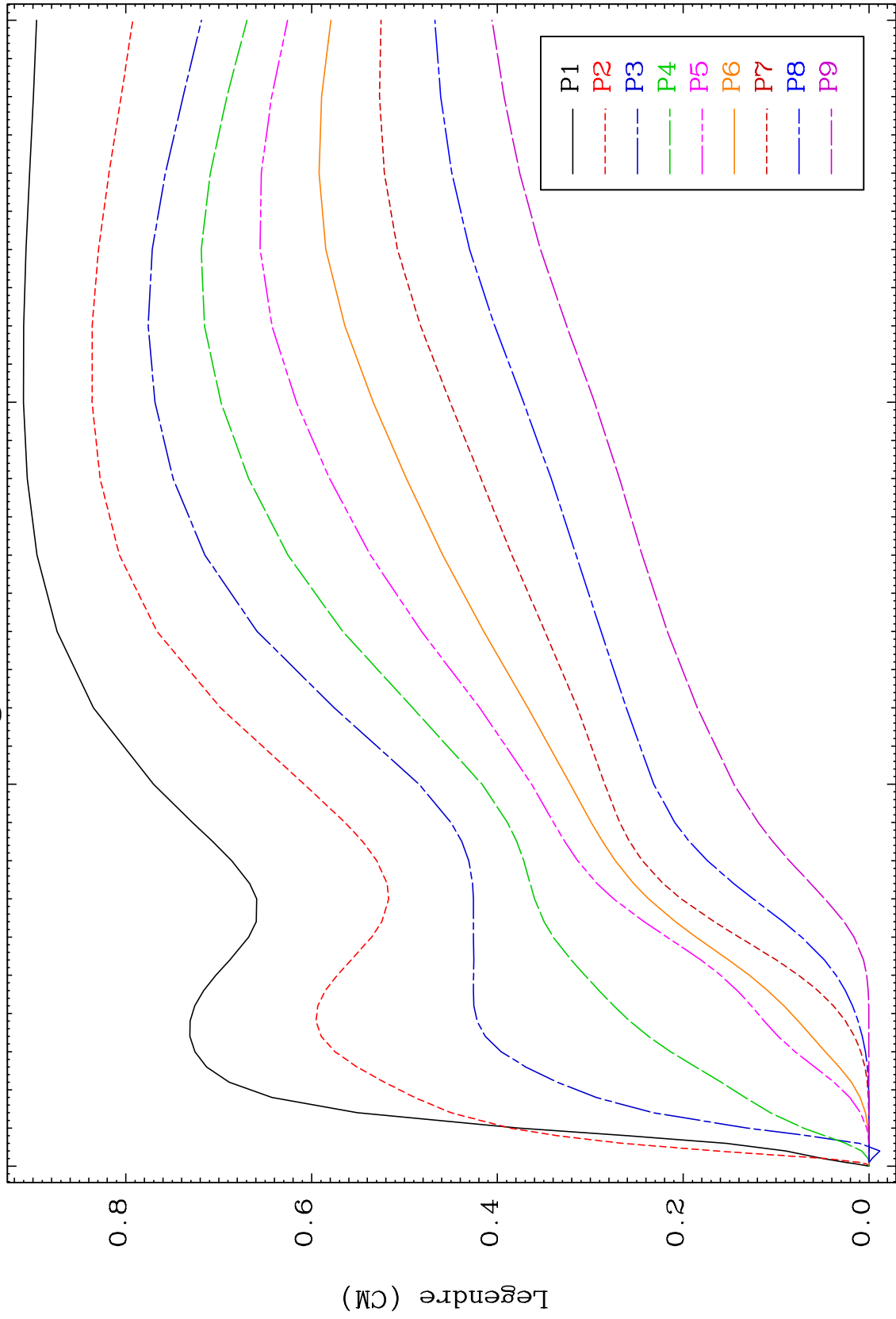
61-Pm-159



MAT 6185

Elastic Legendre Coefficients

61-Pm-159



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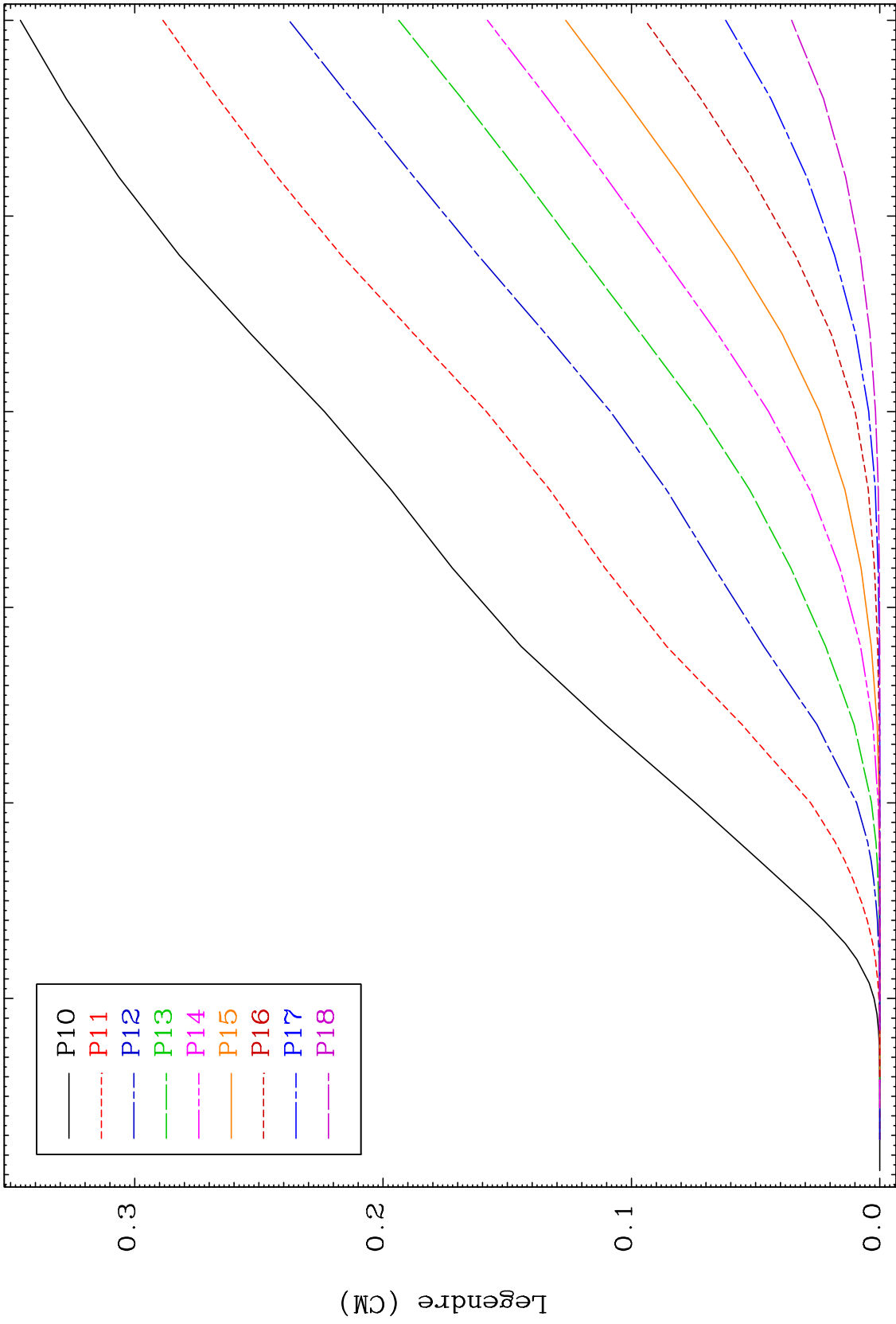
Incident Energy (MeV)

61-Pm-159

MAT 6185

Elastic Legendre Coefficients

61-Pm-159



14

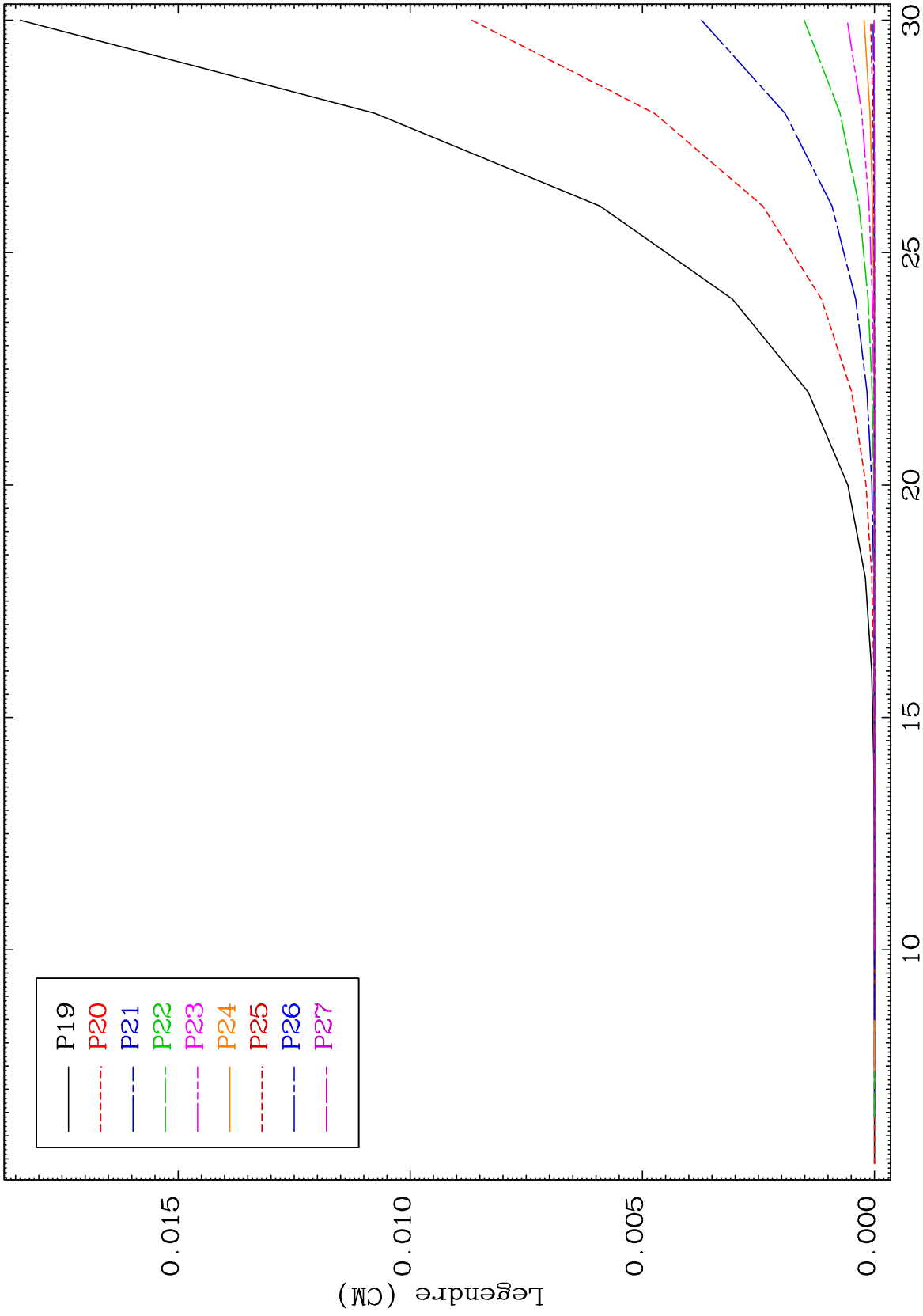
Incident Energy (MeV)

61-Pm-159

MAT 6185

### Elastic Legendre Coefficients

61-Pm-159



15

Incident Energy (MeV)

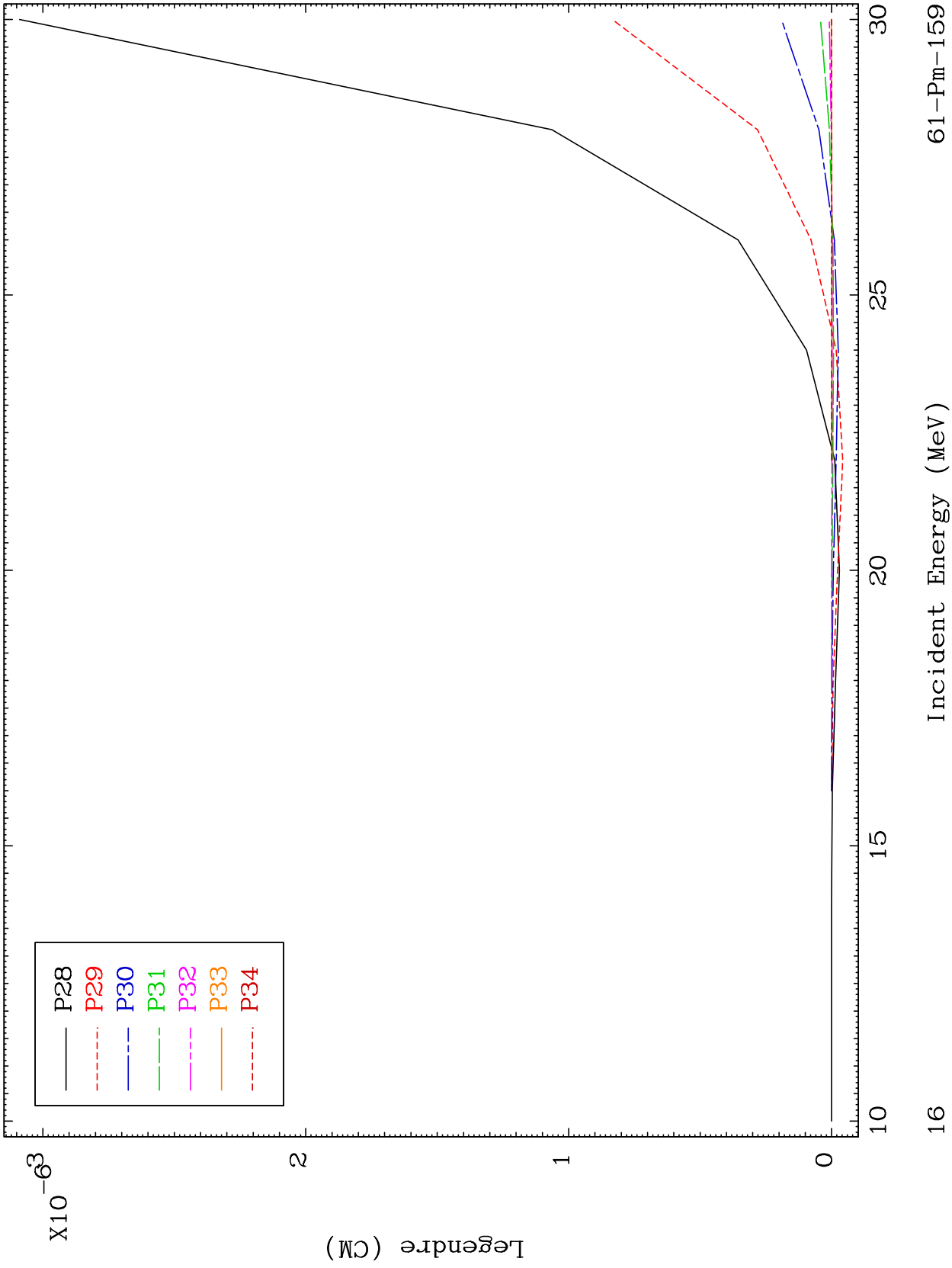
61-Pm-159



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Elastic Legendre Coefficients

61-Pm-159



16

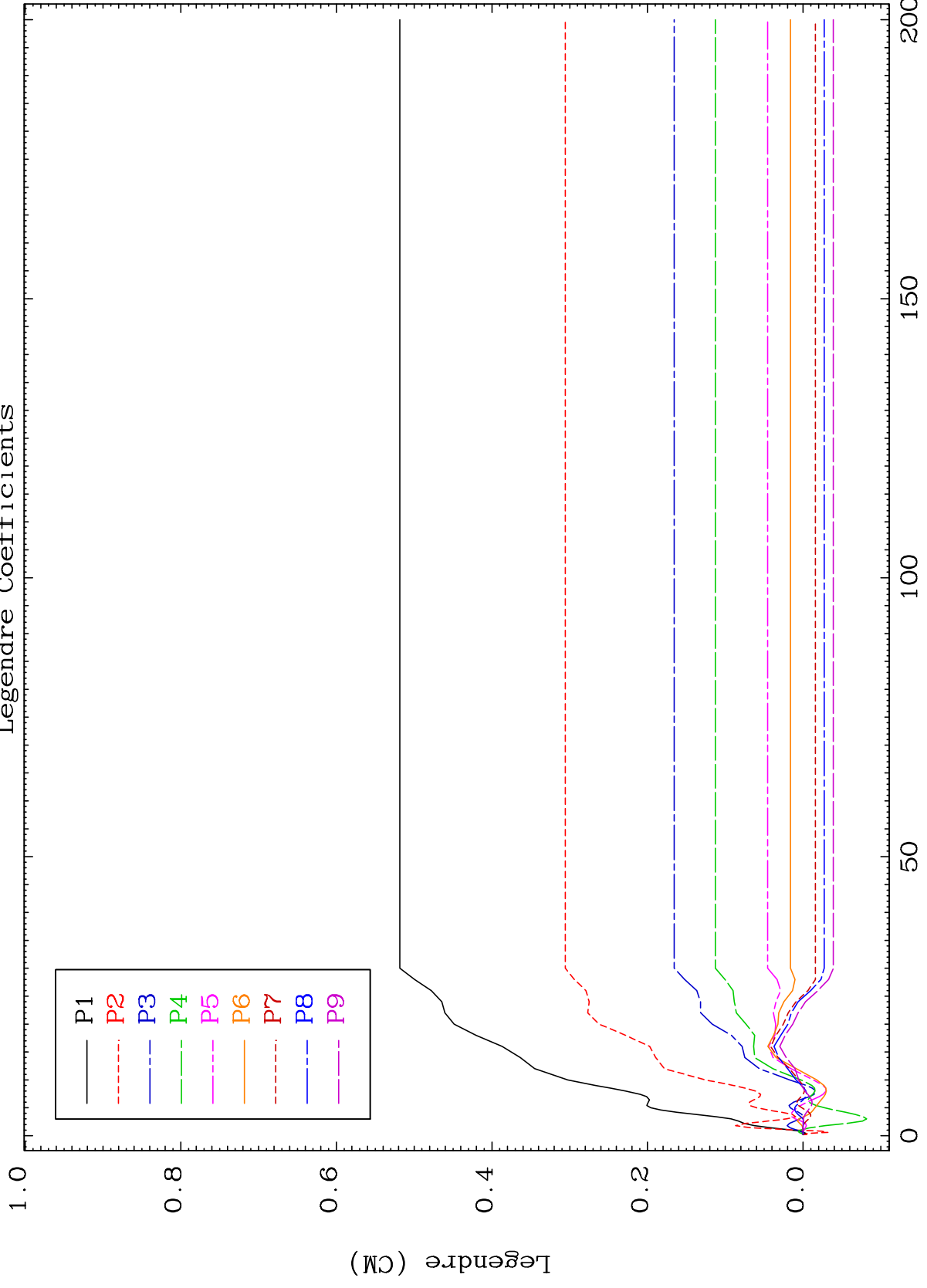
Incident Energy (MeV)

61-Pm-159

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

61-Pm-159



61-Pm-159

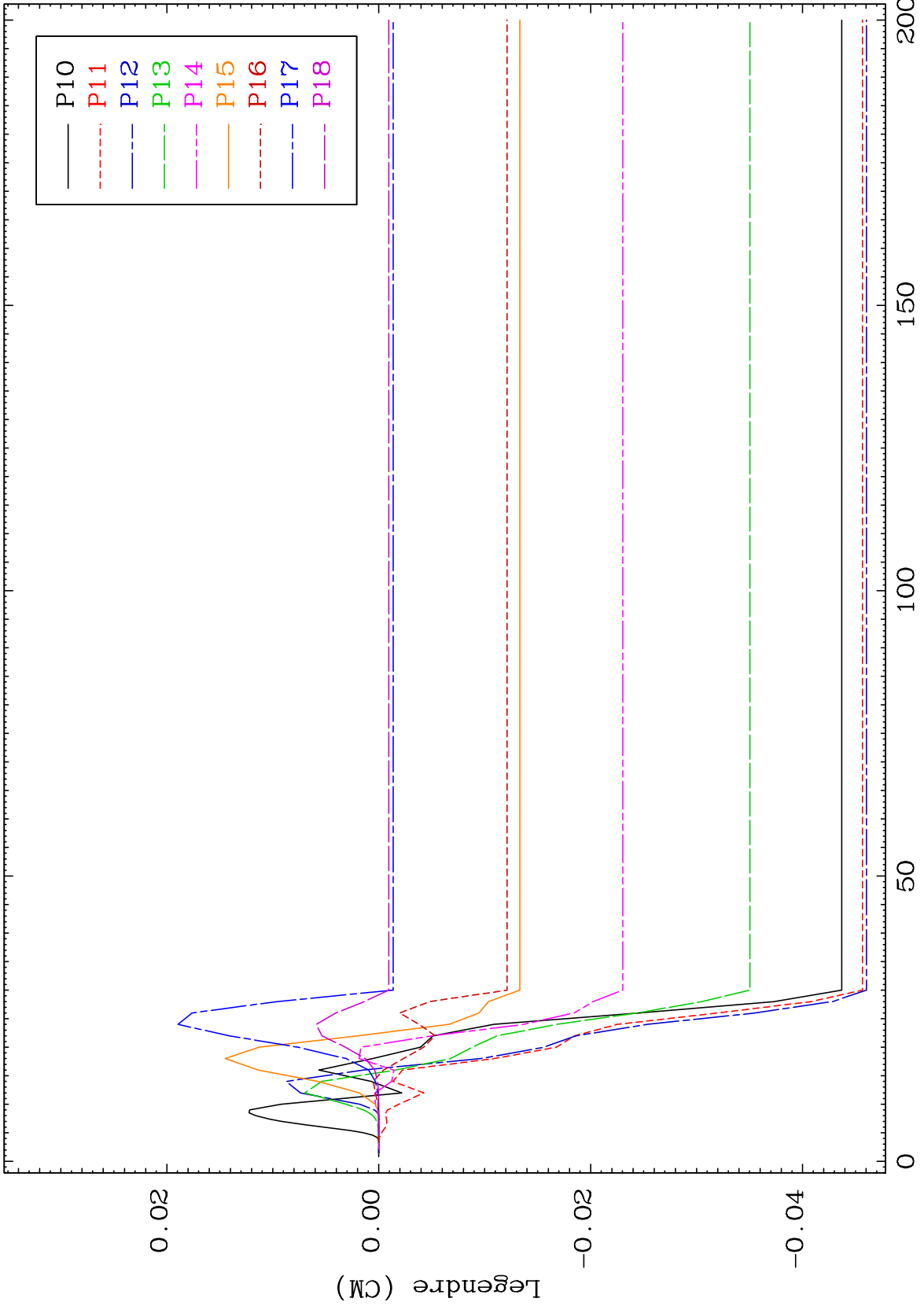
Incident Energy (MeV)

17

MAT 6185

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

61-Pm-159



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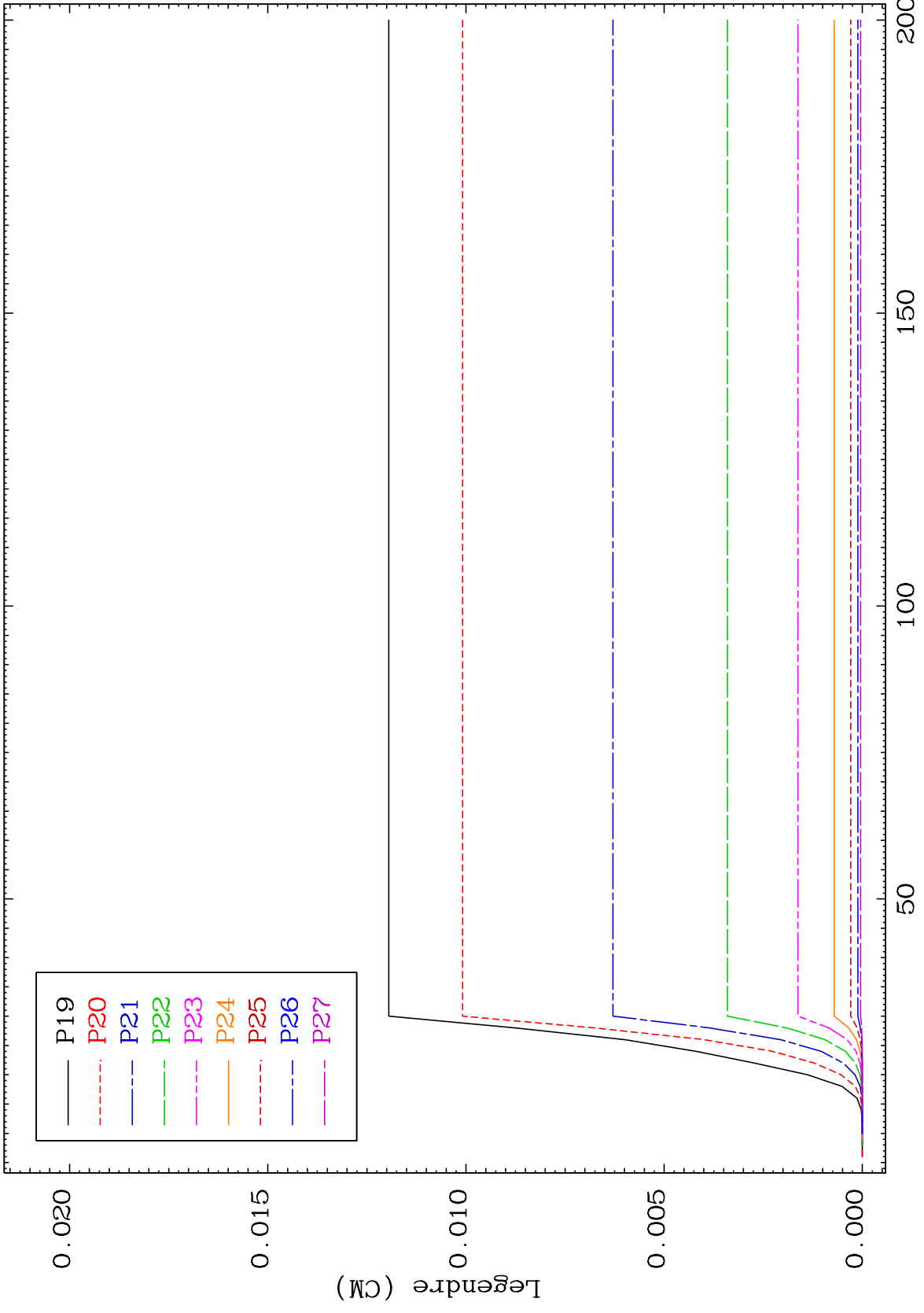
Incident Energy (MeV)

61-Pm-159

MAT 6185

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

61-Pm-159



19

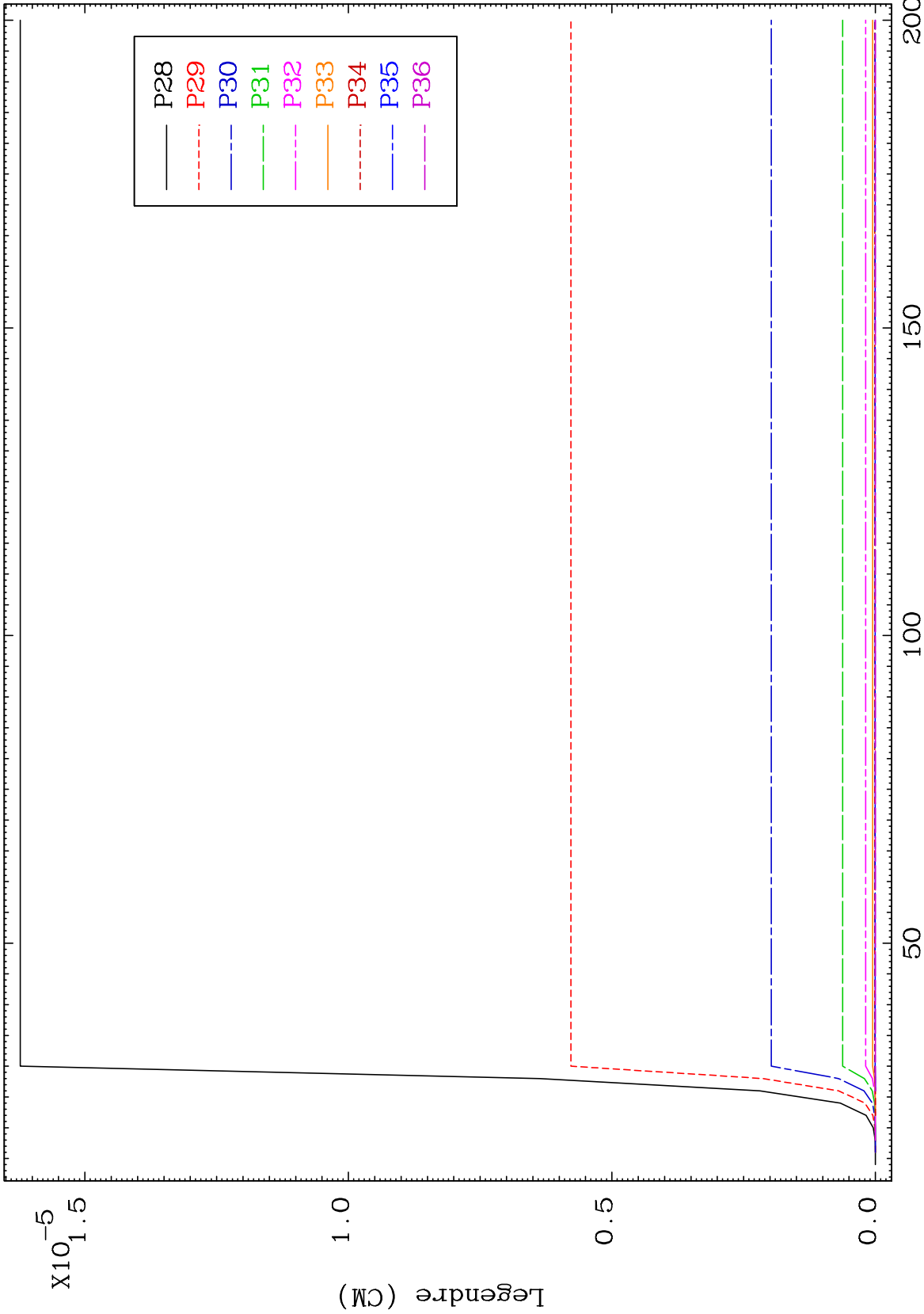
Incident Energy (MeV)

61-Pm-159

MAT 6185

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

61-Pm-159



20

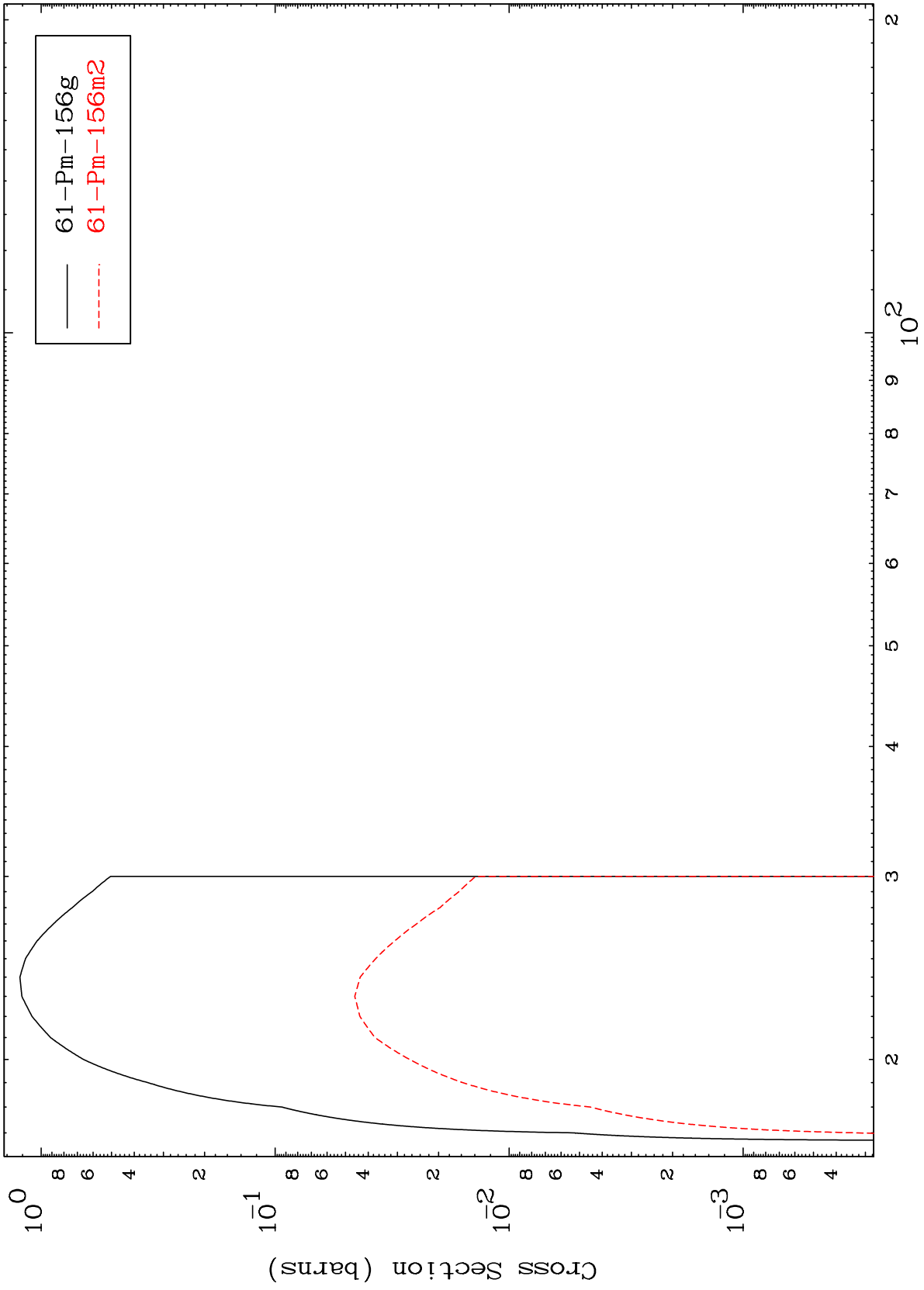
Incident Energy (MeV)

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61-Pm-159

(n,4n)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-159