

Program EVALPLOT
(Version 2018-1)

by

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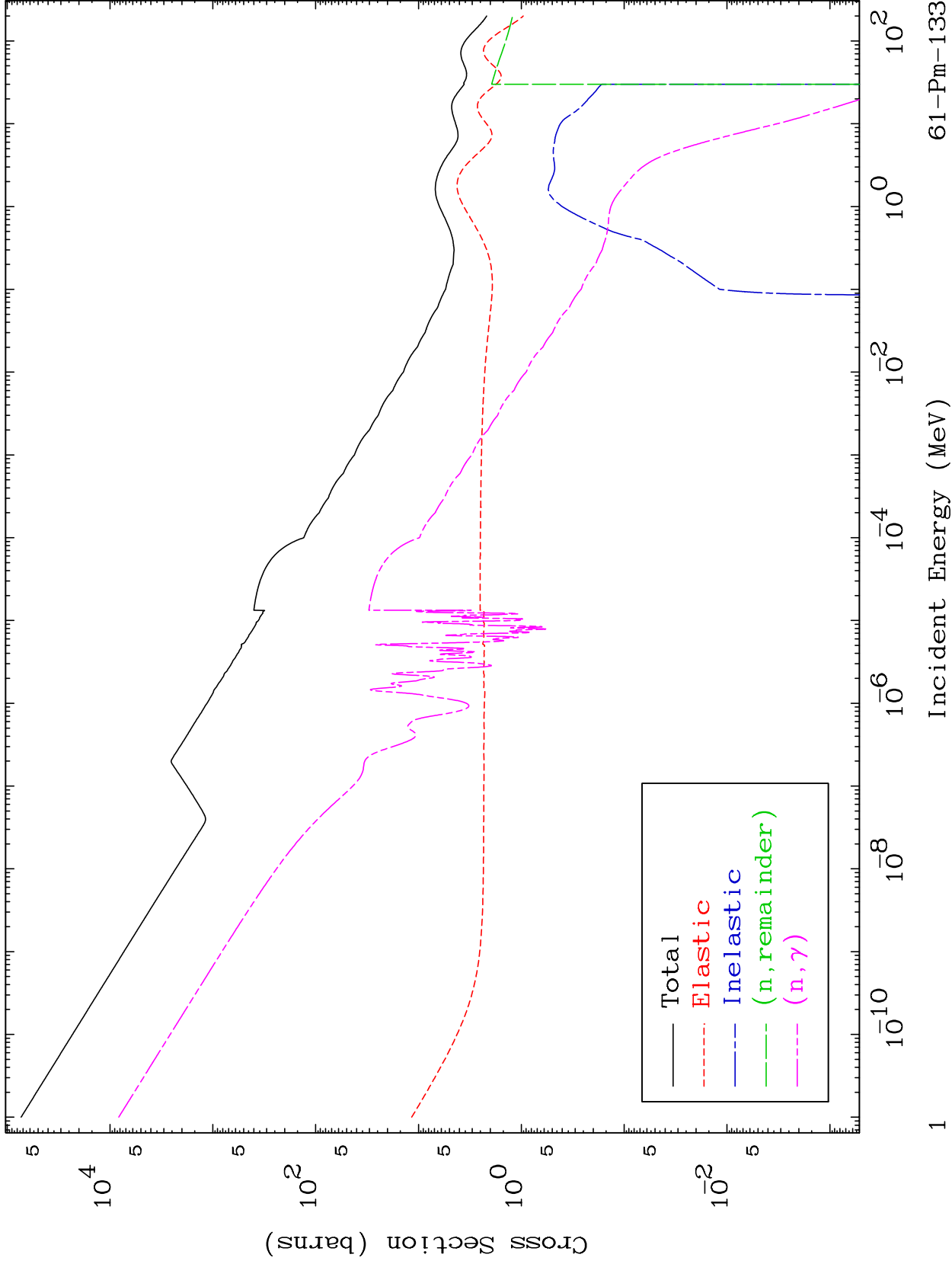
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Press Mouse Button to Start

MAT 6107

Major
293 Kelvin Cross Sections

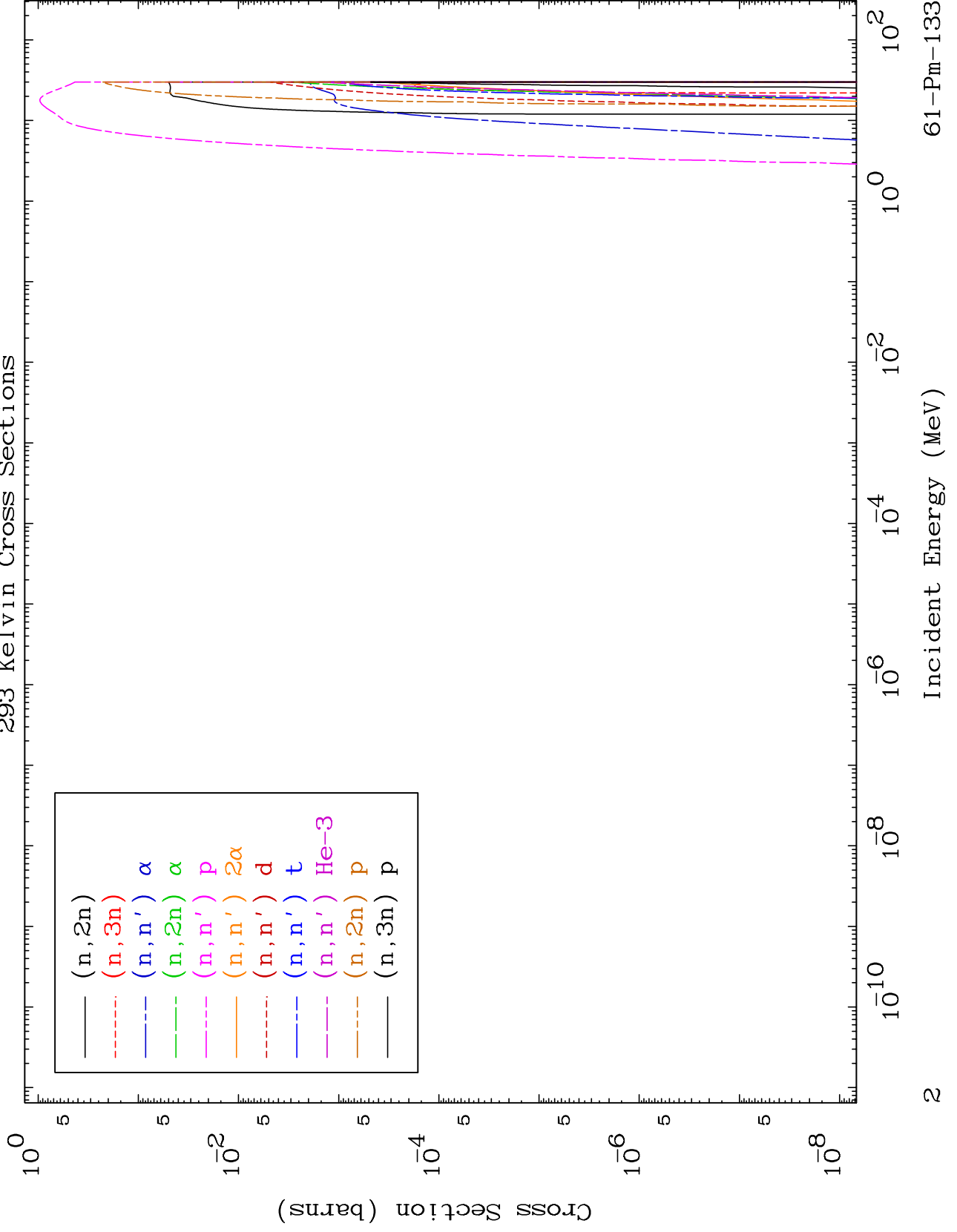
61-Pm-133



MAT 6107

Neutron Production
293 Kelvin Cross Sections

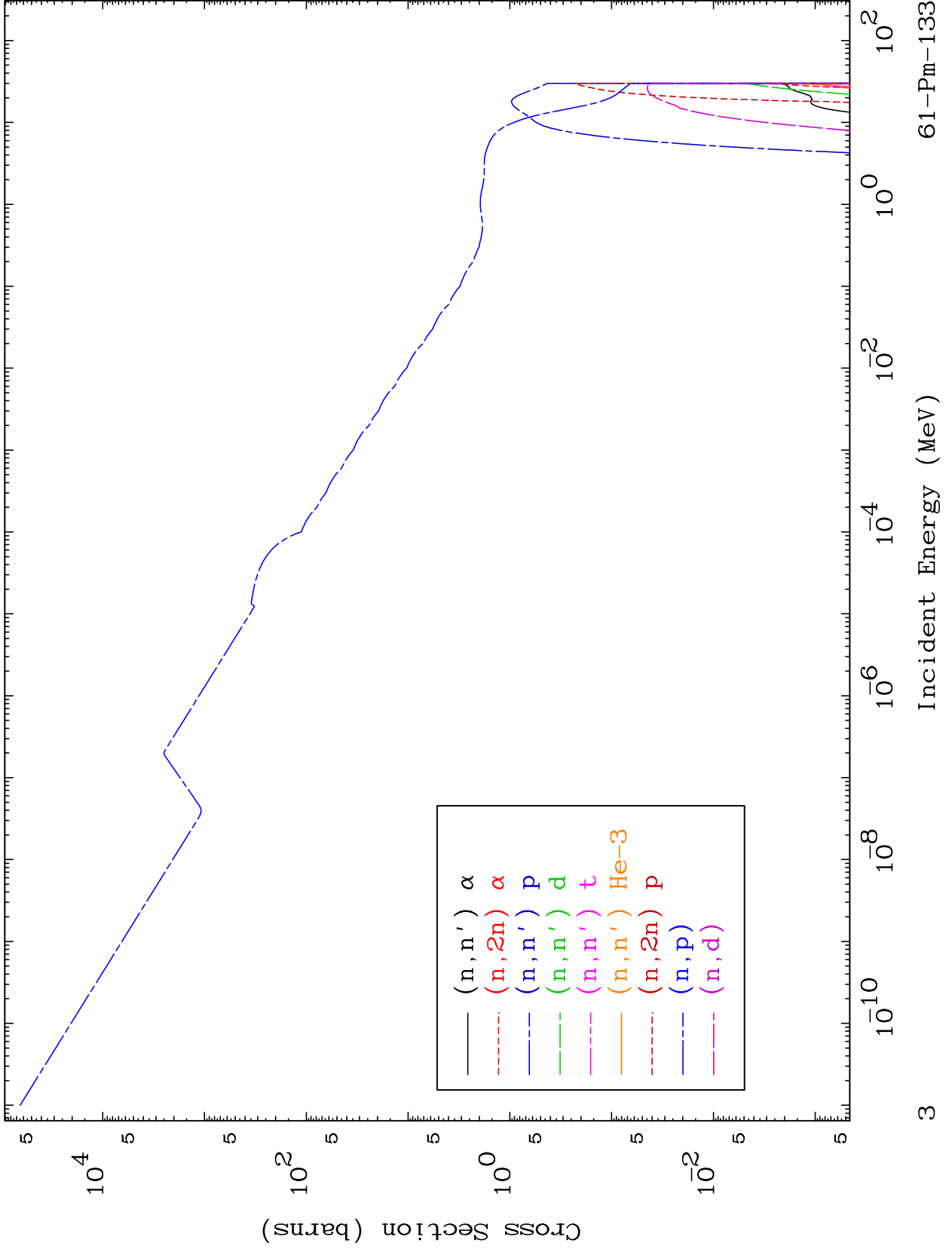
61-Pm-133



MAT 6107

Charged Particle
293 Kelvin Cross Sections

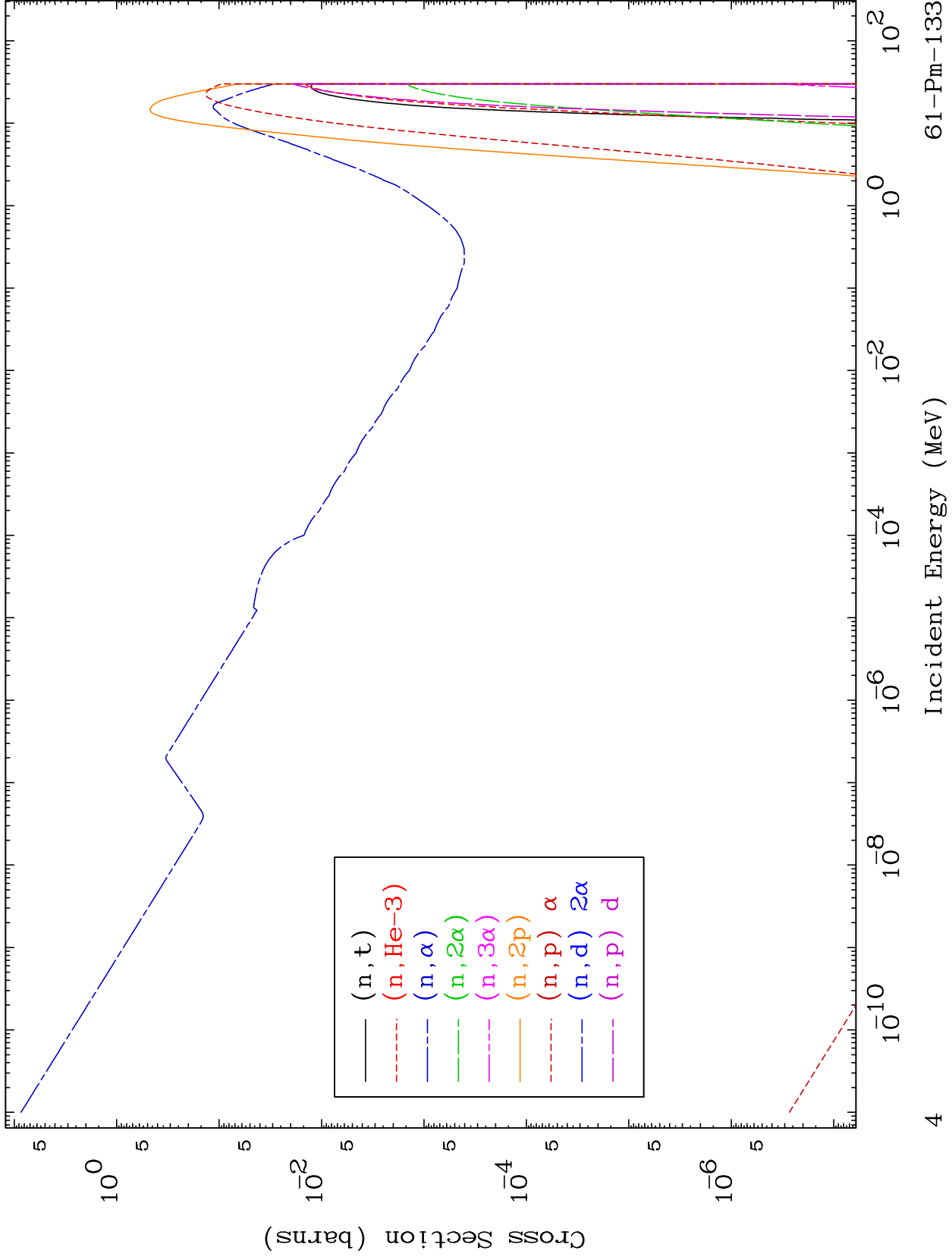
61-Pm-133

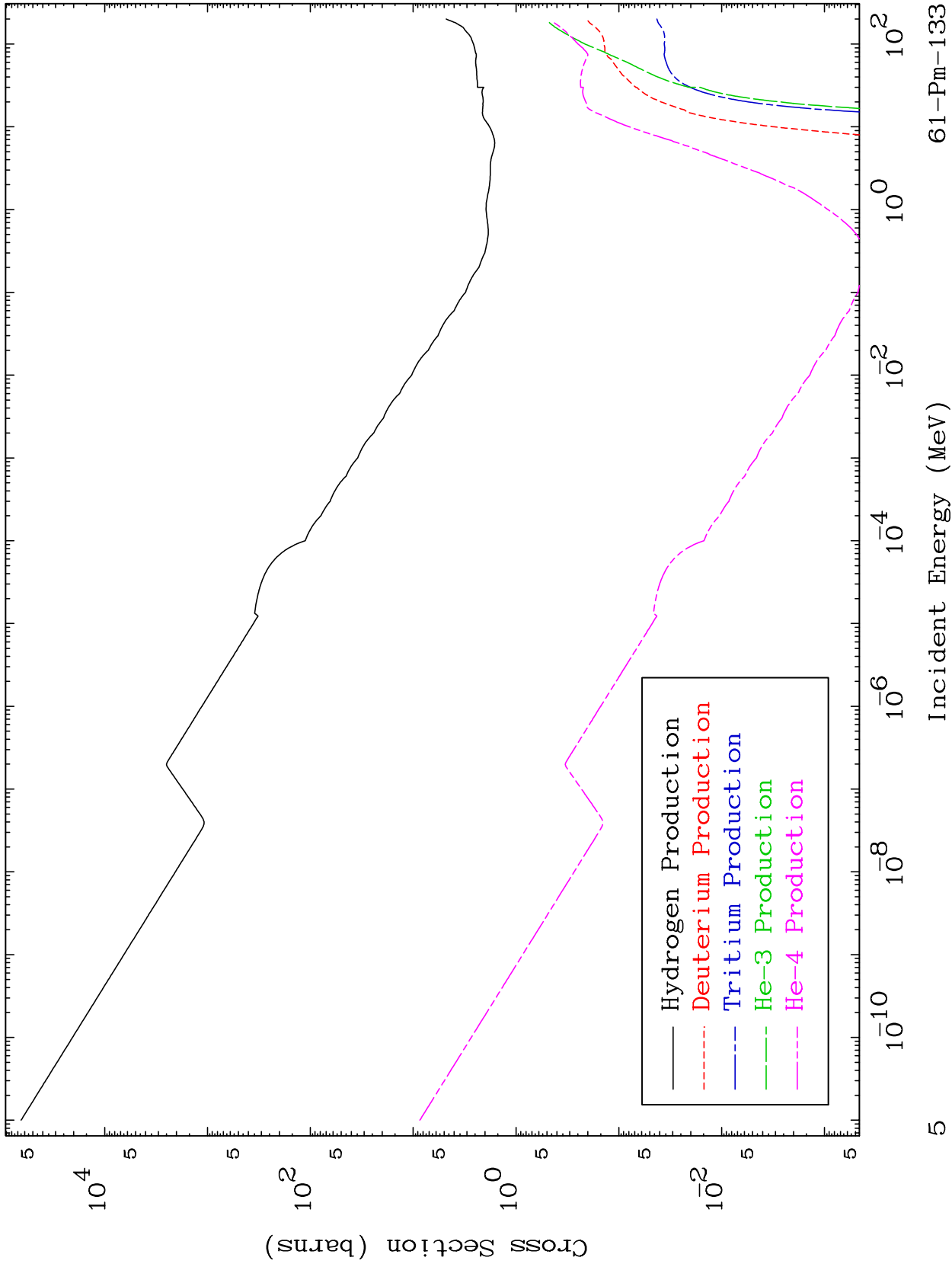


MAT 6107

Charged Particle
293 Kelvin Cross Sections

61-Pm-133



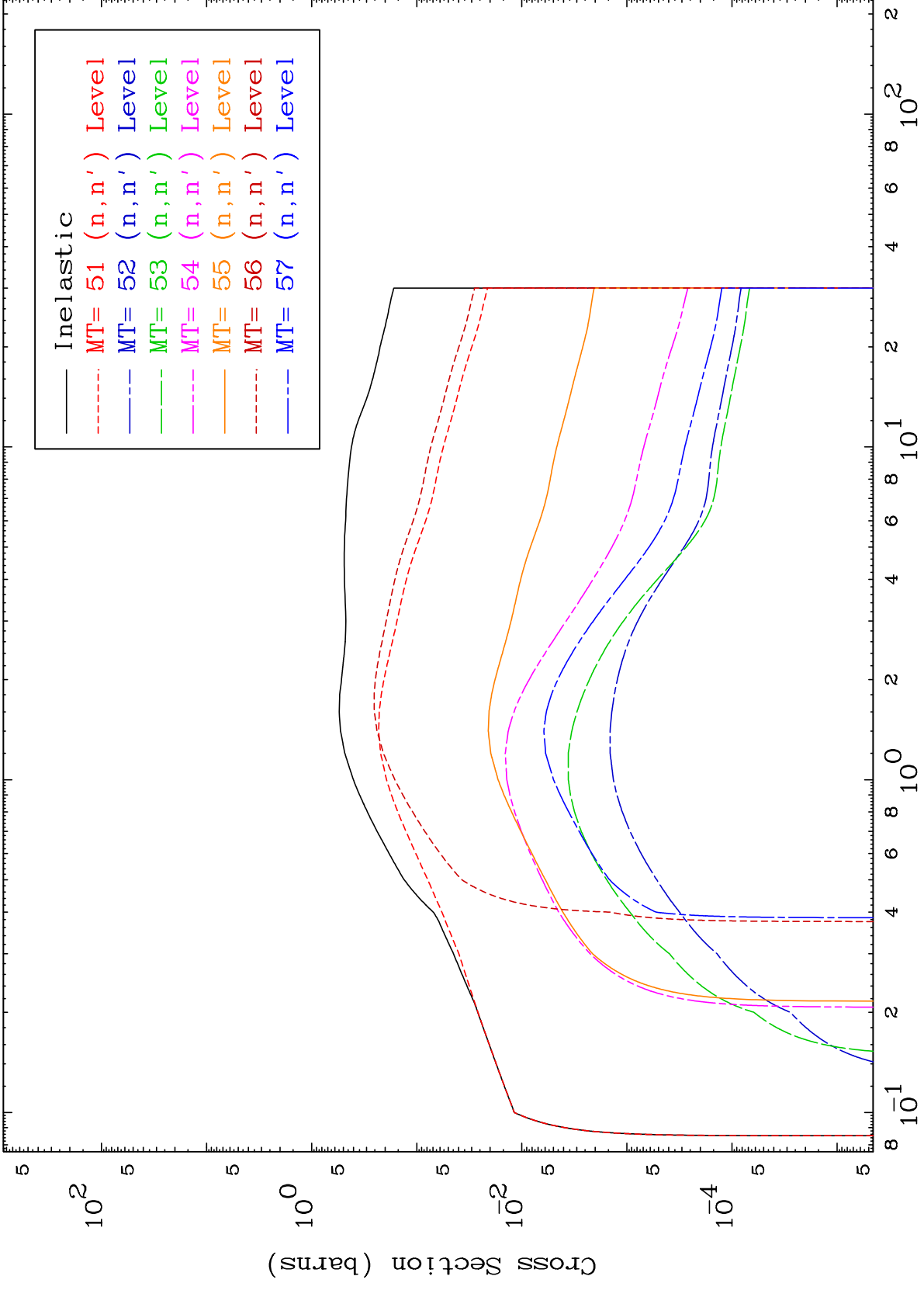


MAT 6107

(n,n') Level

61-Pm-133

293 Kelvin Cross Sections

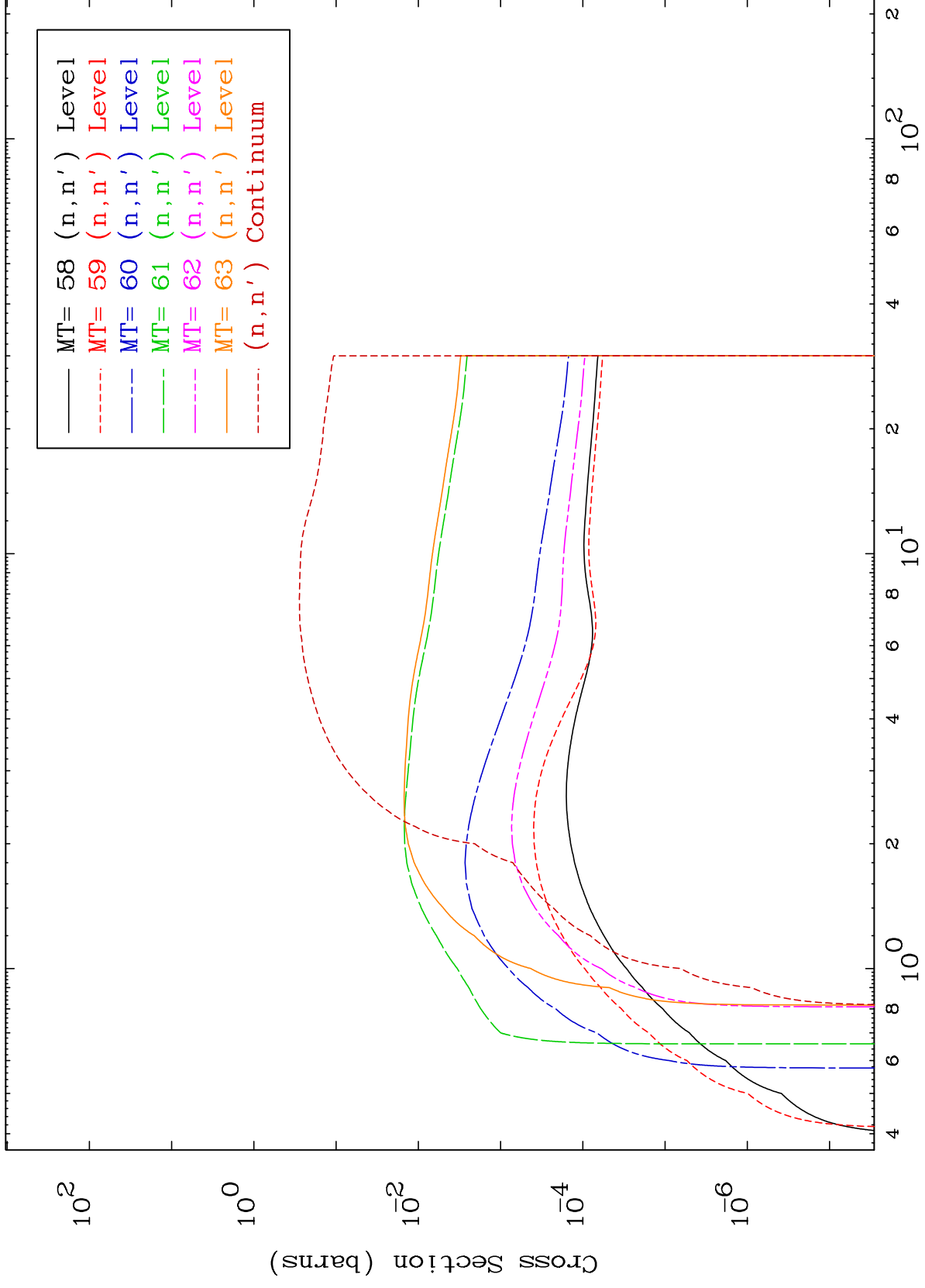


Incident Energy (MeV)

61-Pm-133

6

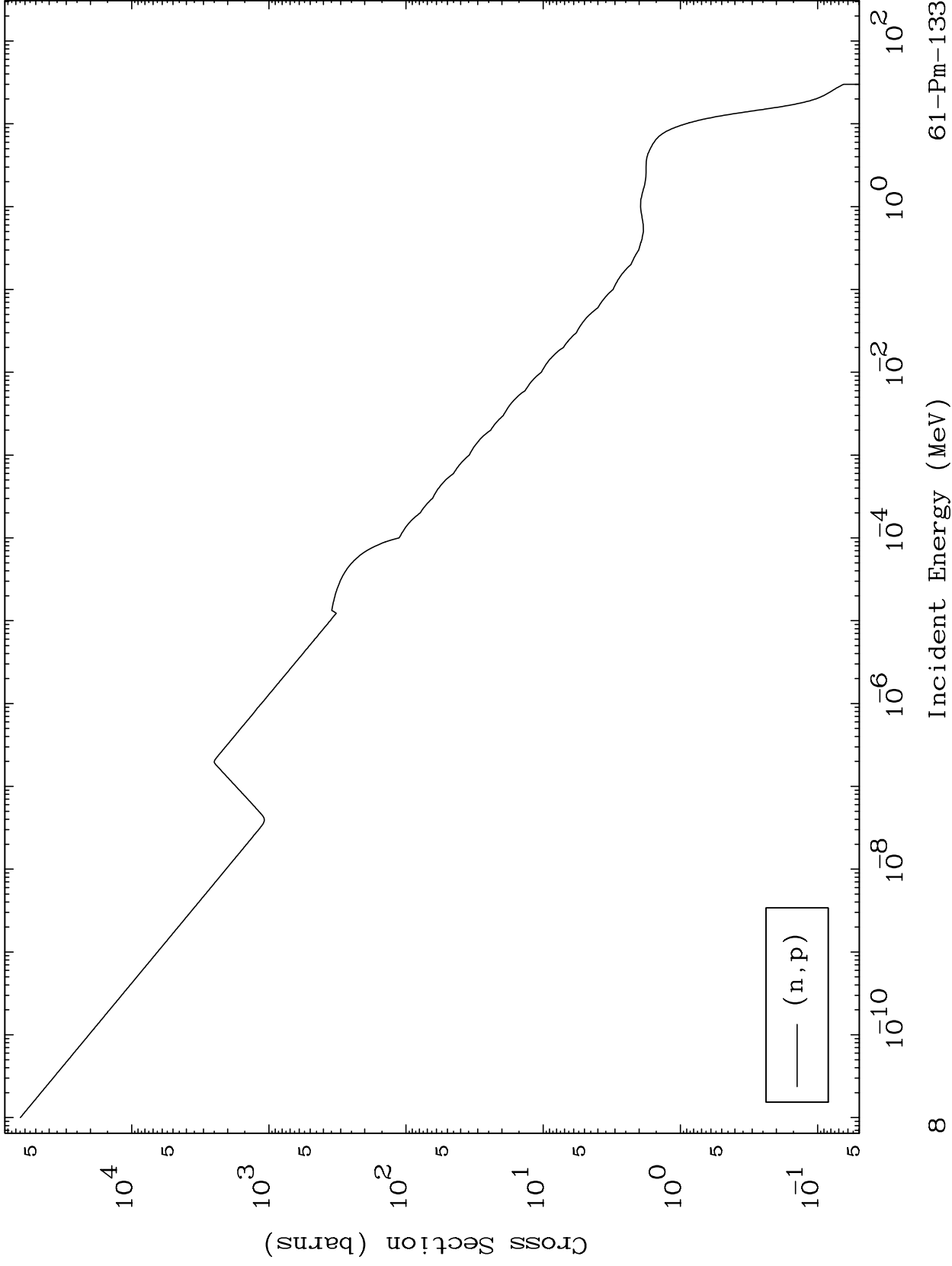
293 Kelvin Cross Sections



MAT 6107

(n,p) Levels
293 Kelvin Cross Sections

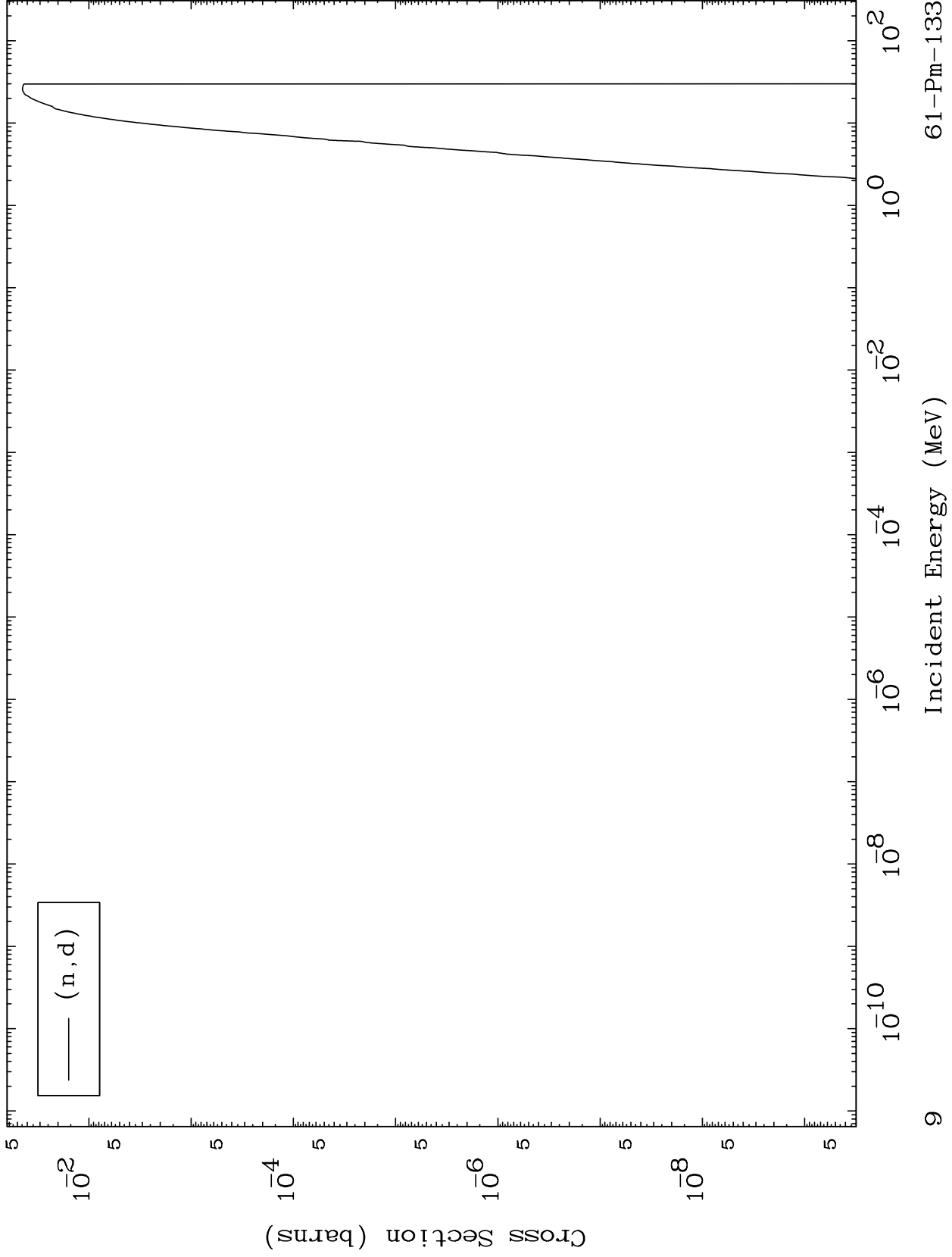
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MAT 6107

(n,d) Levels
293 Kelvin Cross Sections

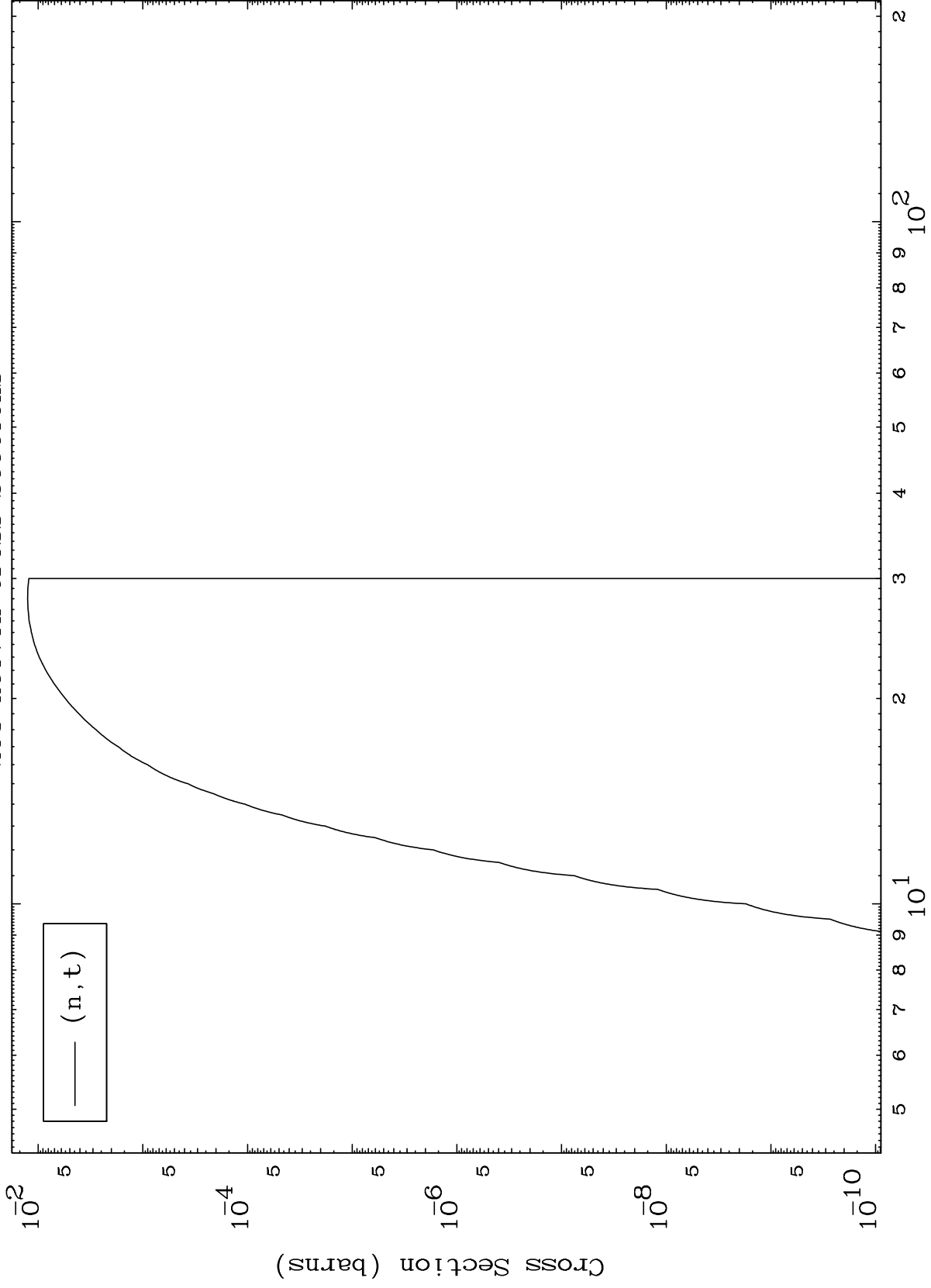
61-Pm-133



MAT 6107

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-133



10

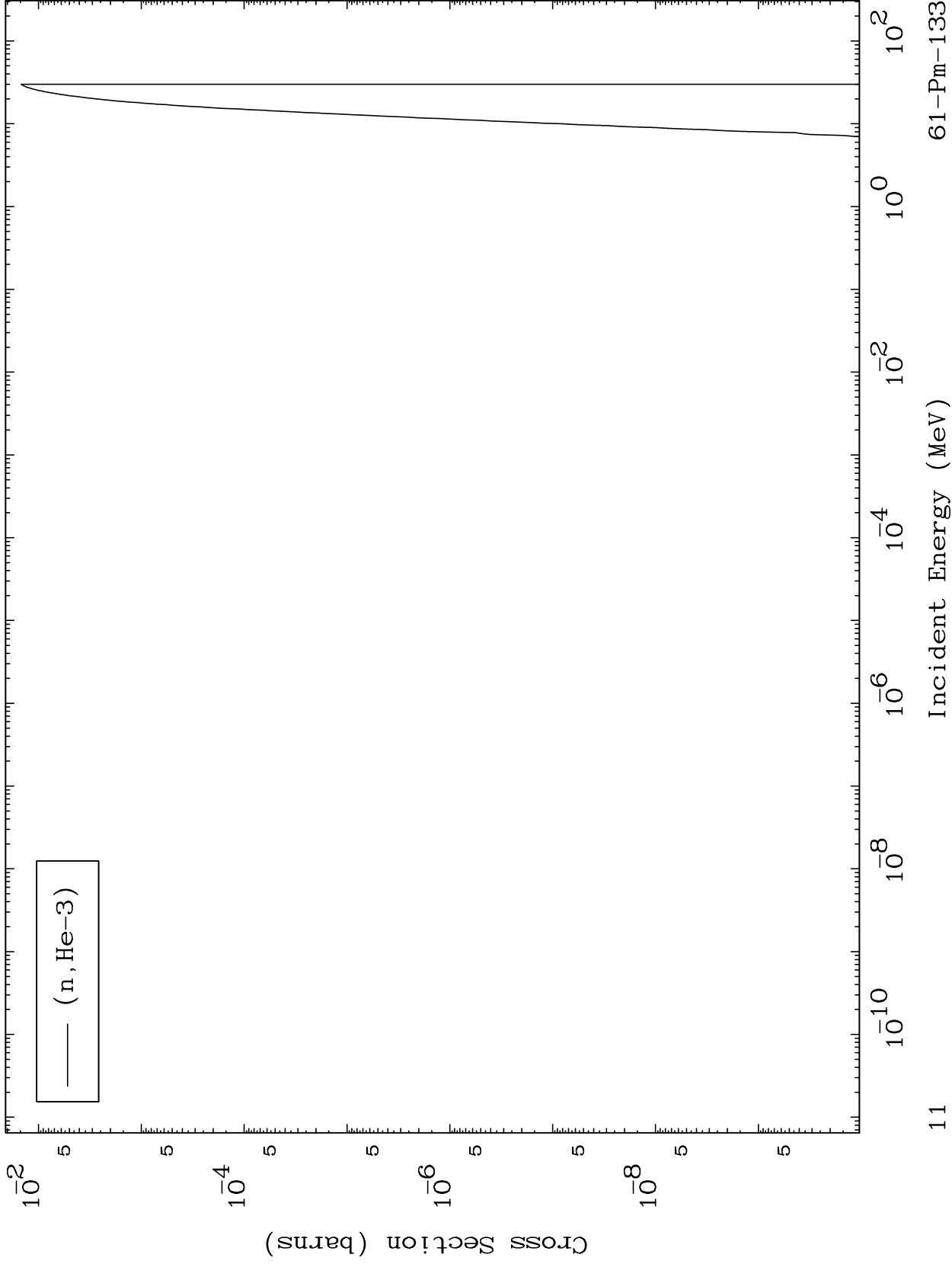
Incident Energy (MeV)

61-Pm-133

MAT 6107

(n,He3) Levels
293 Kelvin Cross Sections

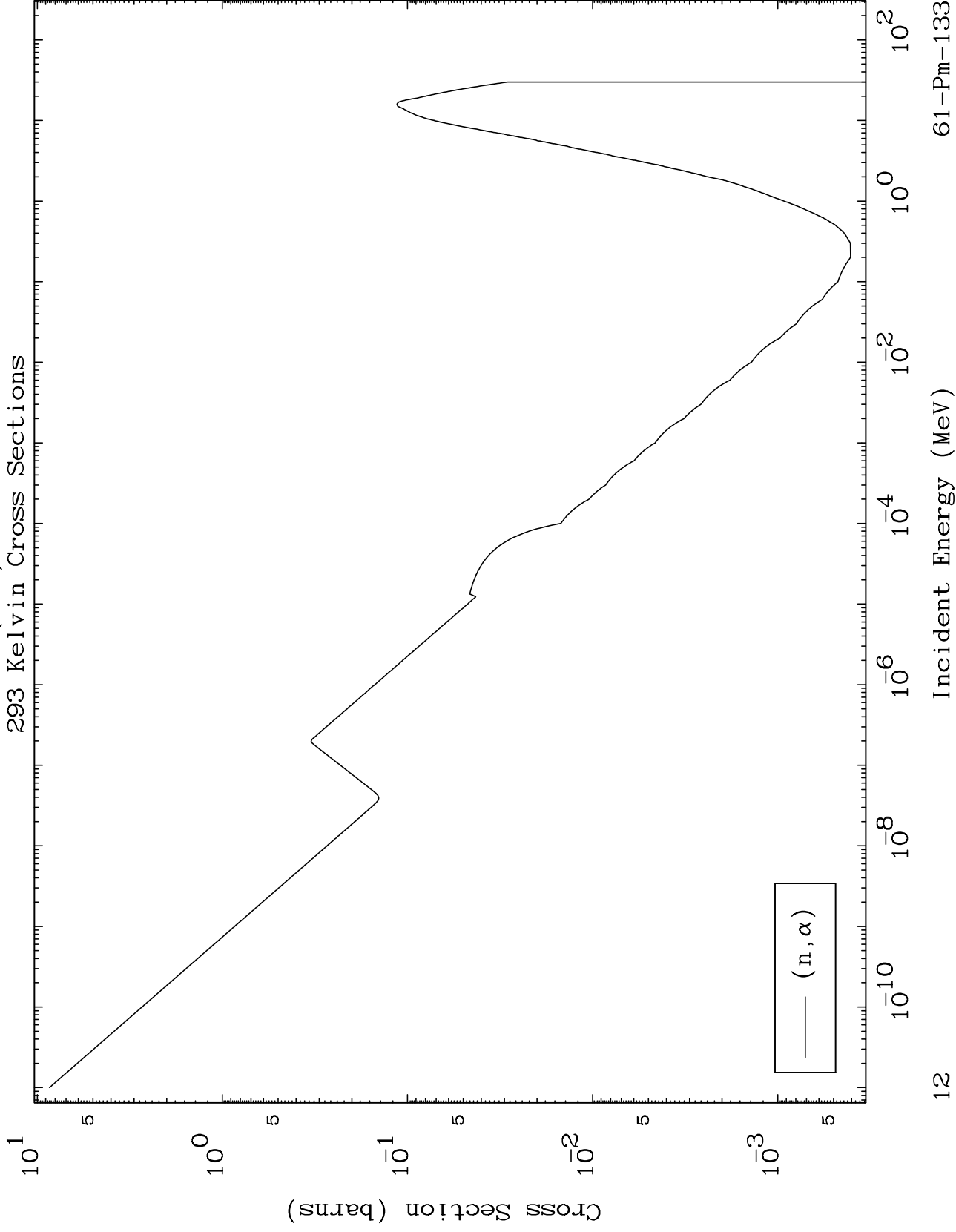
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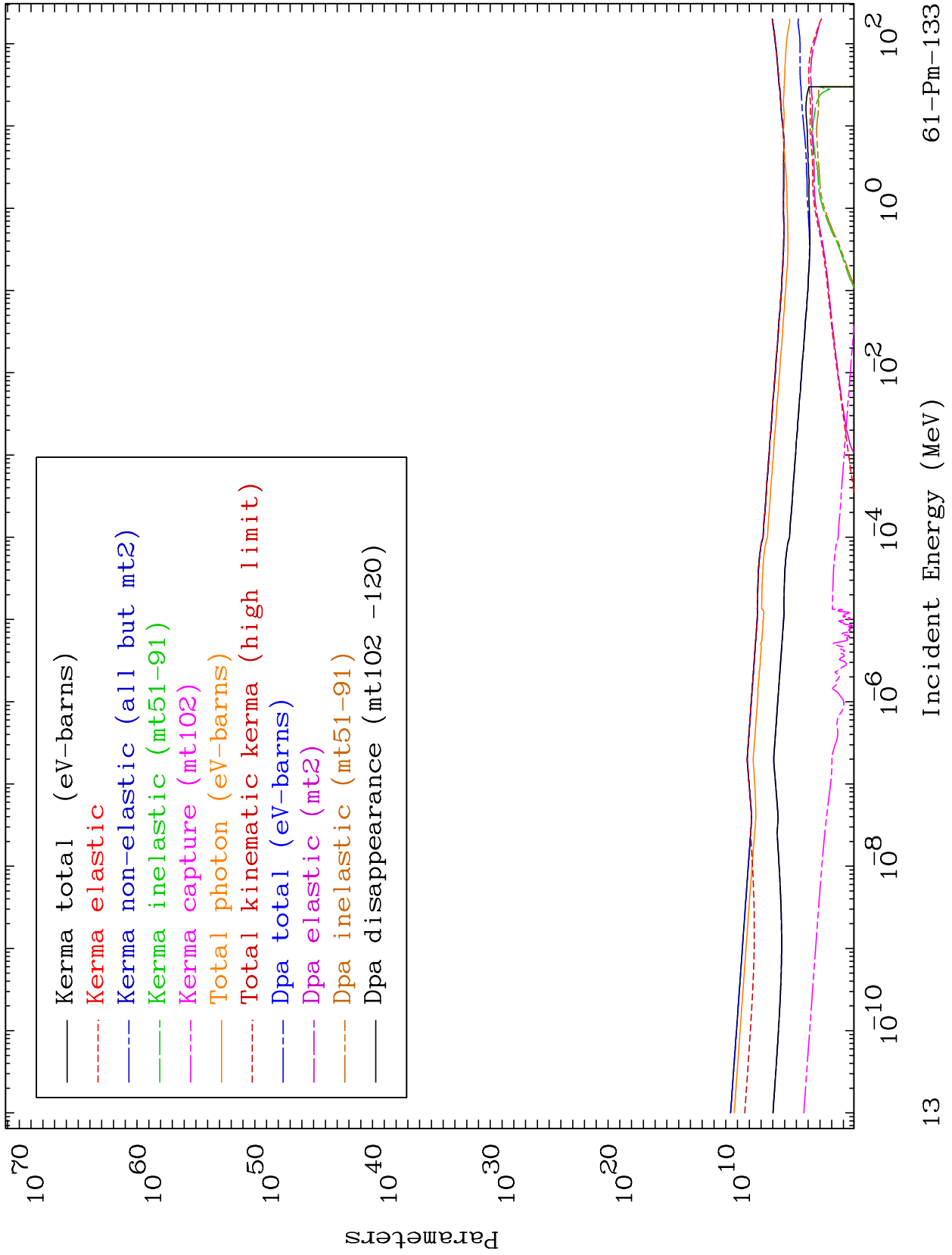


MAT 6107

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-133

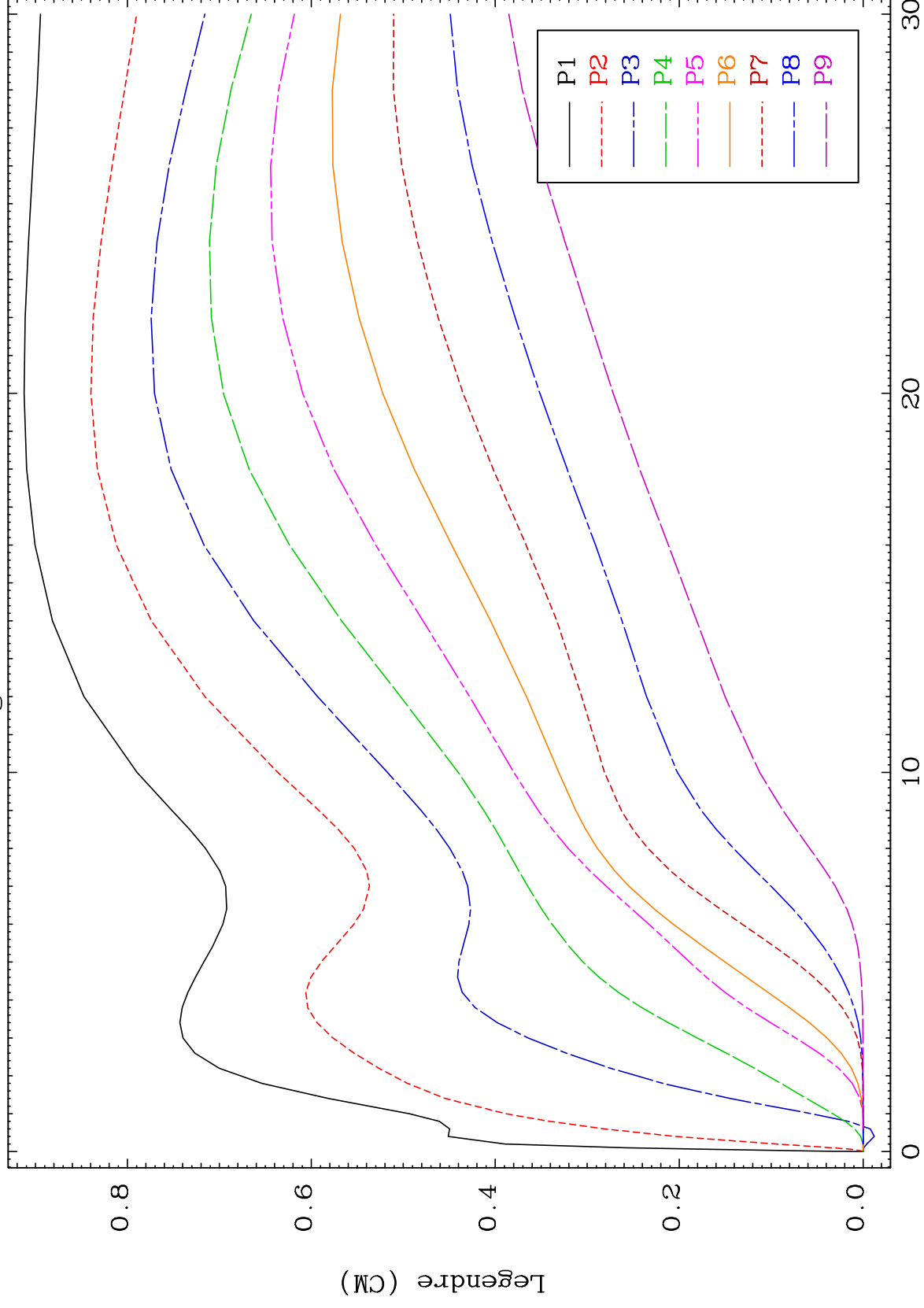




MAT 6107

Elastic Legendre Coefficients

61-Pm-133



14

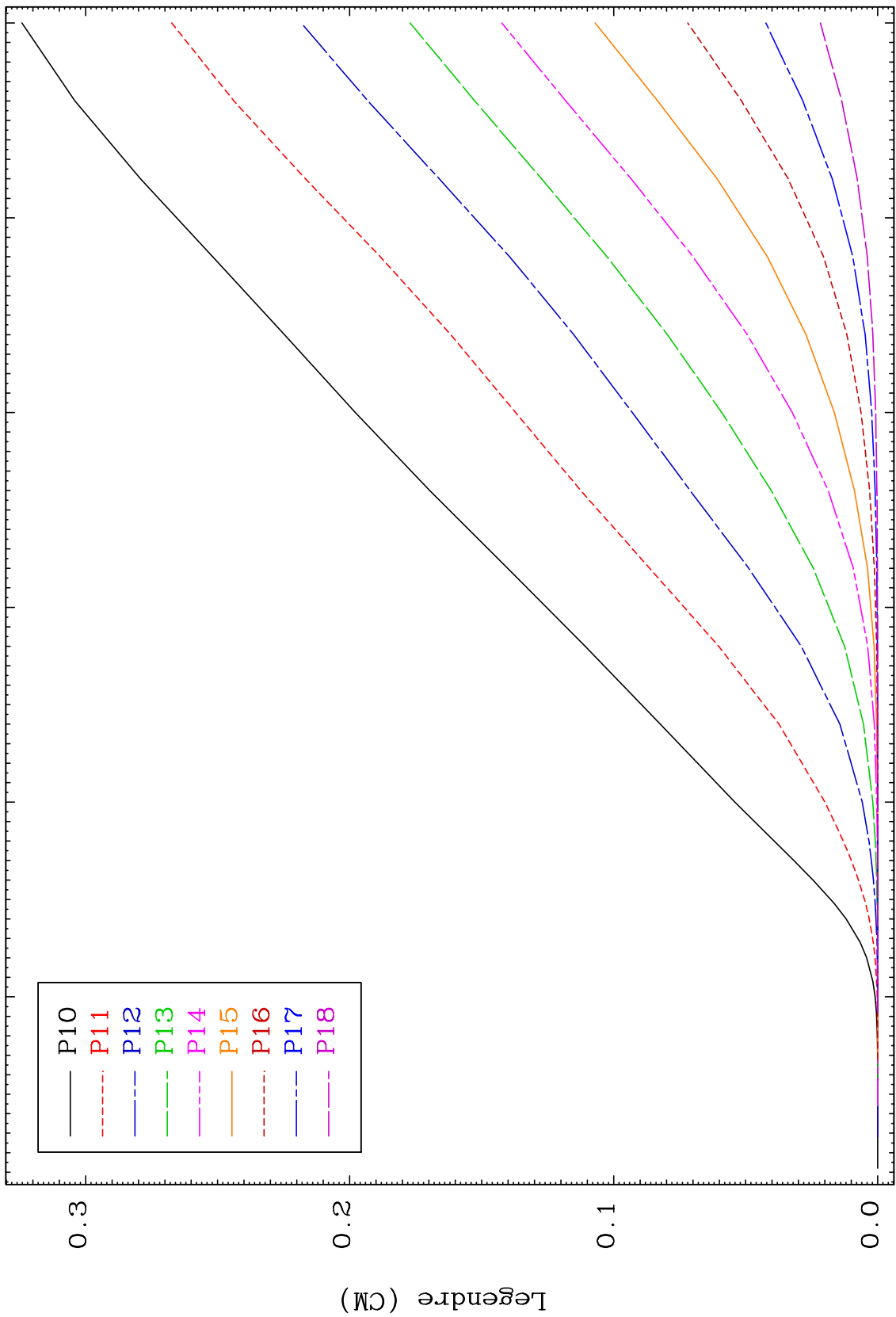
Incident Energy (MeV)

61-Pm-133

MAT 6107

Elastic Legendre Coefficients

61-Pm-133



15

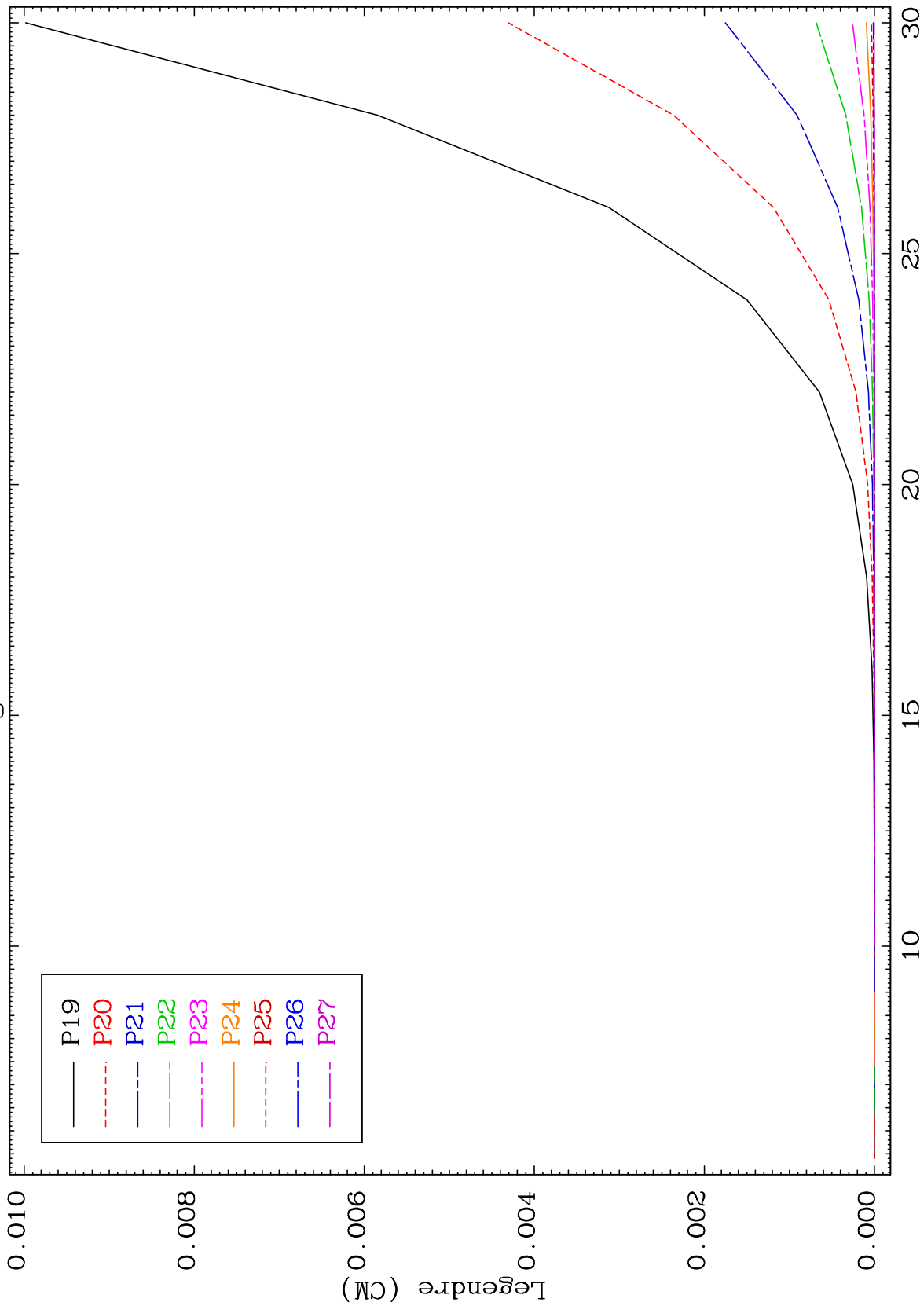
Incident Energy (MeV)

61-Pm-133

MAT 6107

Elastic Legendre Coefficients

61-Pm-133



16

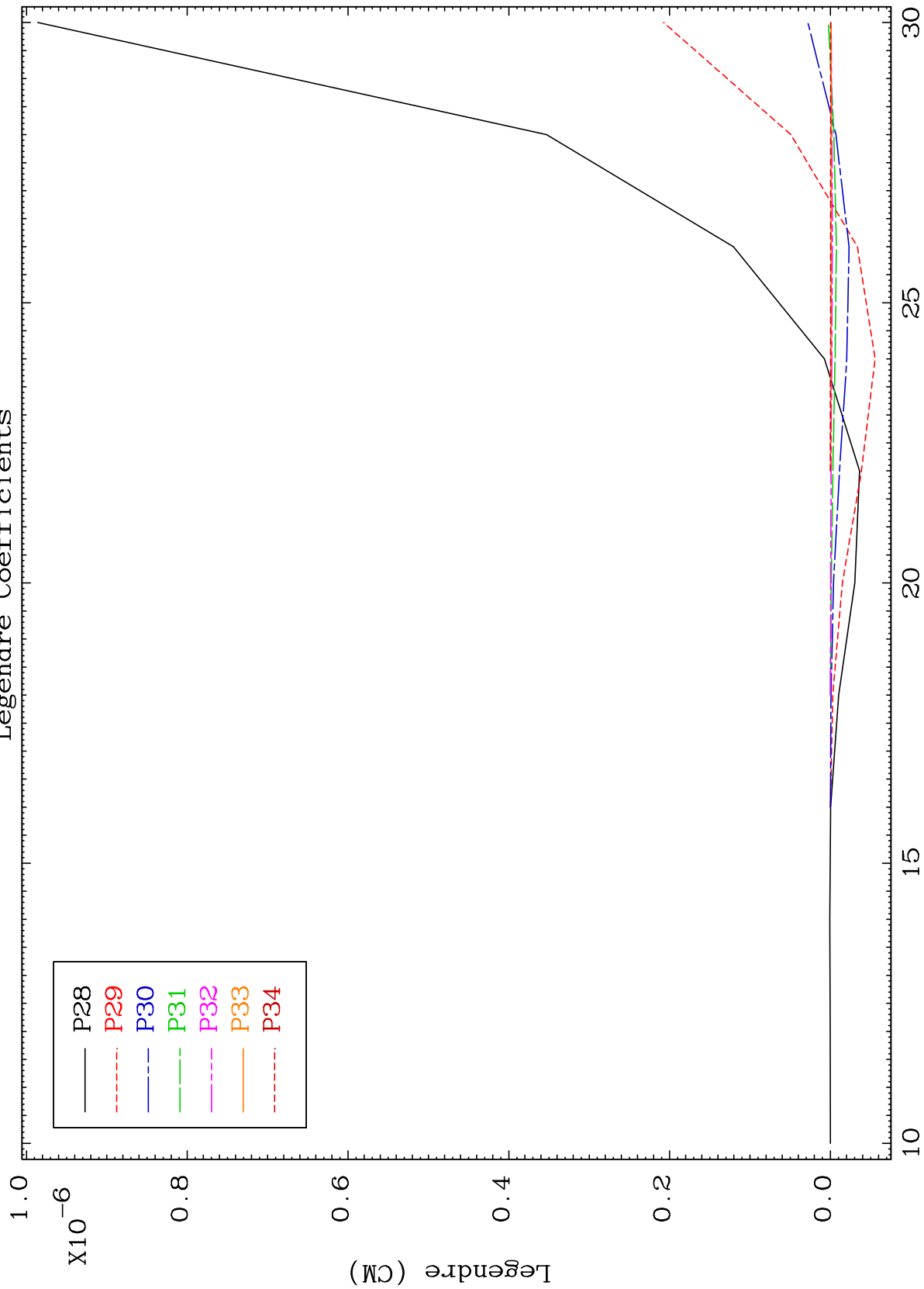
Incident Energy (MeV)

61-Pm-133

MAT 6107

Elastic Legendre Coefficients

61-Pm-133



17

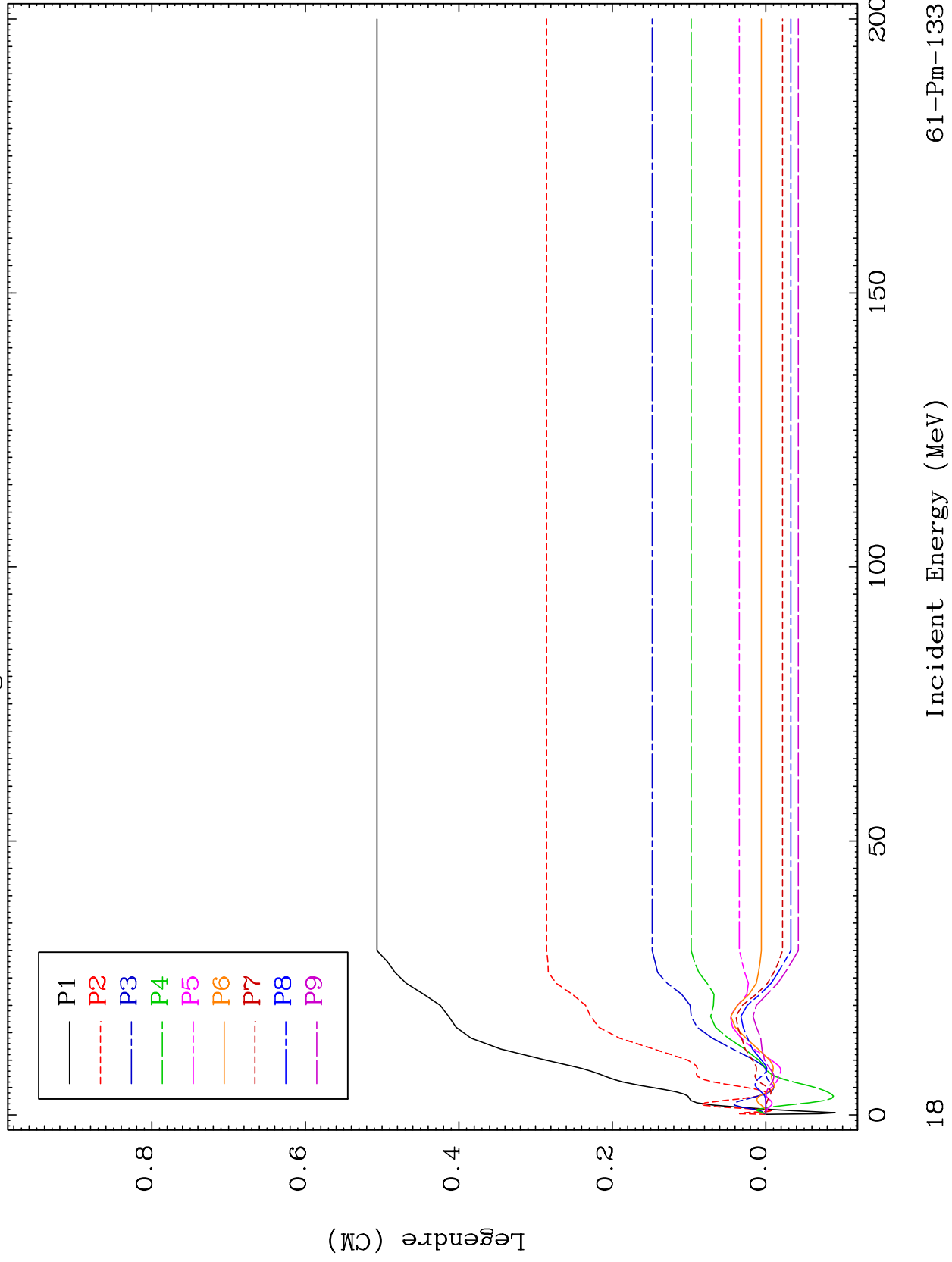
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



18

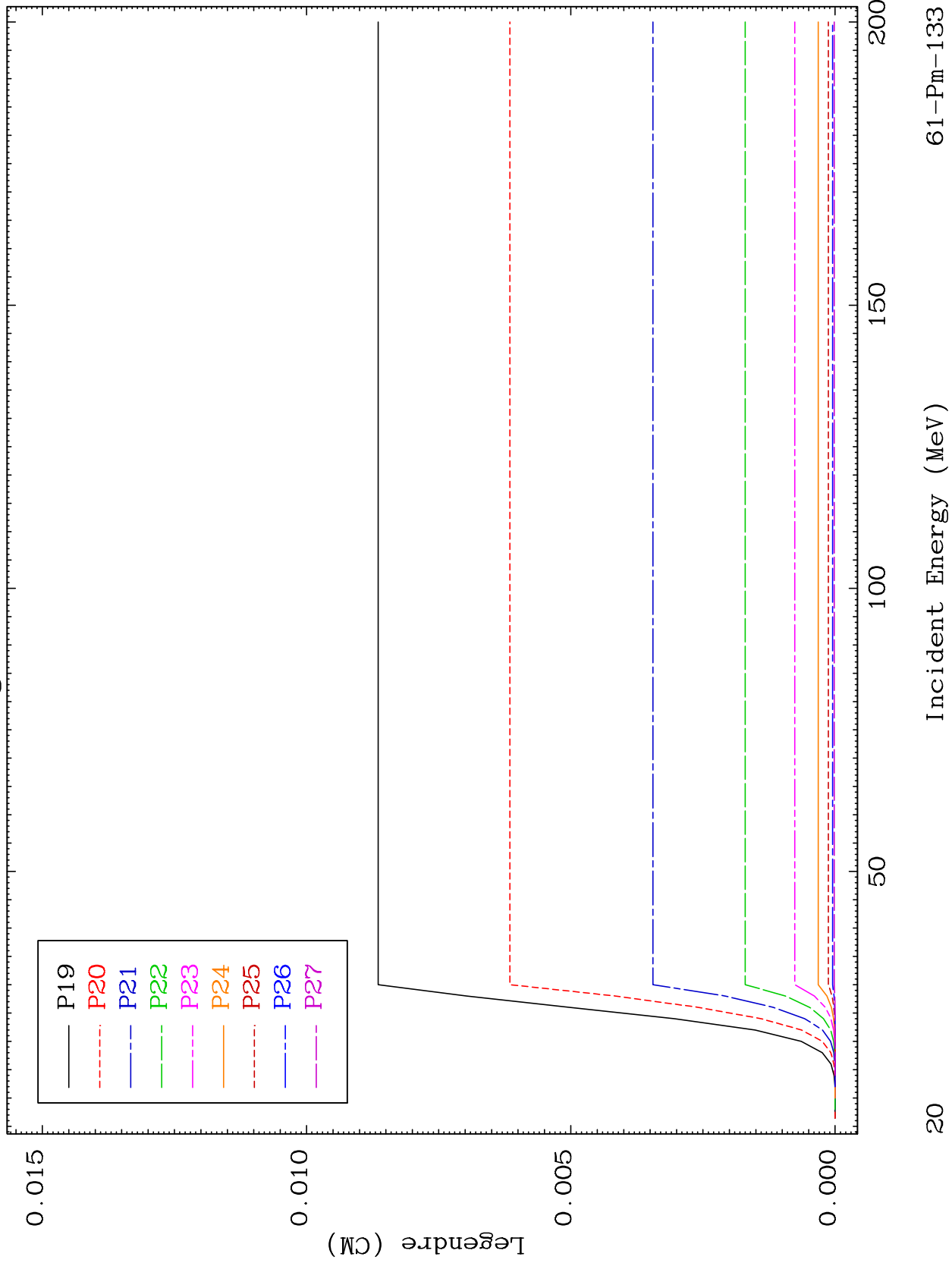
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



61-Pm-133

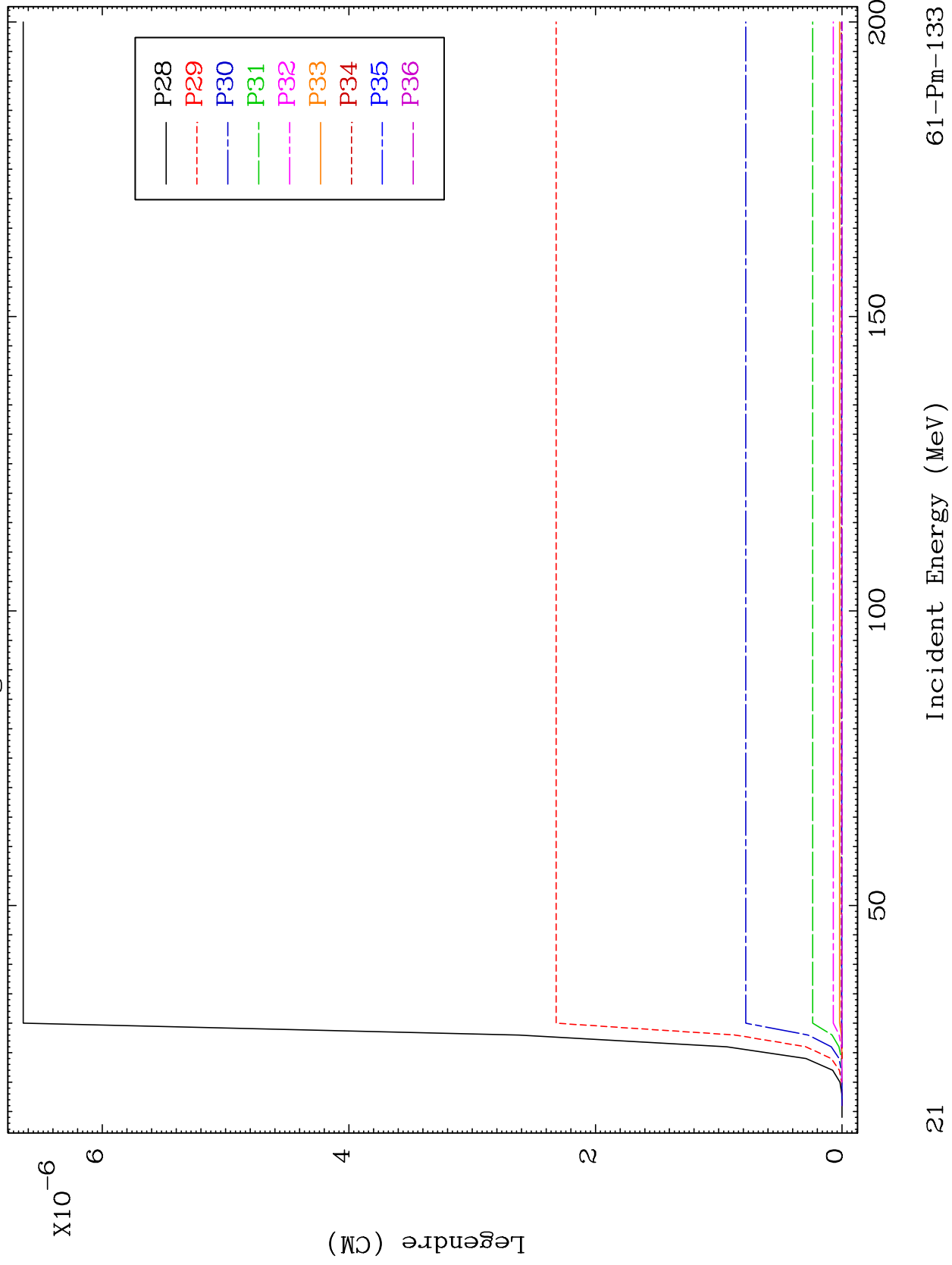
Incident Energy (MeV)

20

MAT 6107

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

61-Pm-133



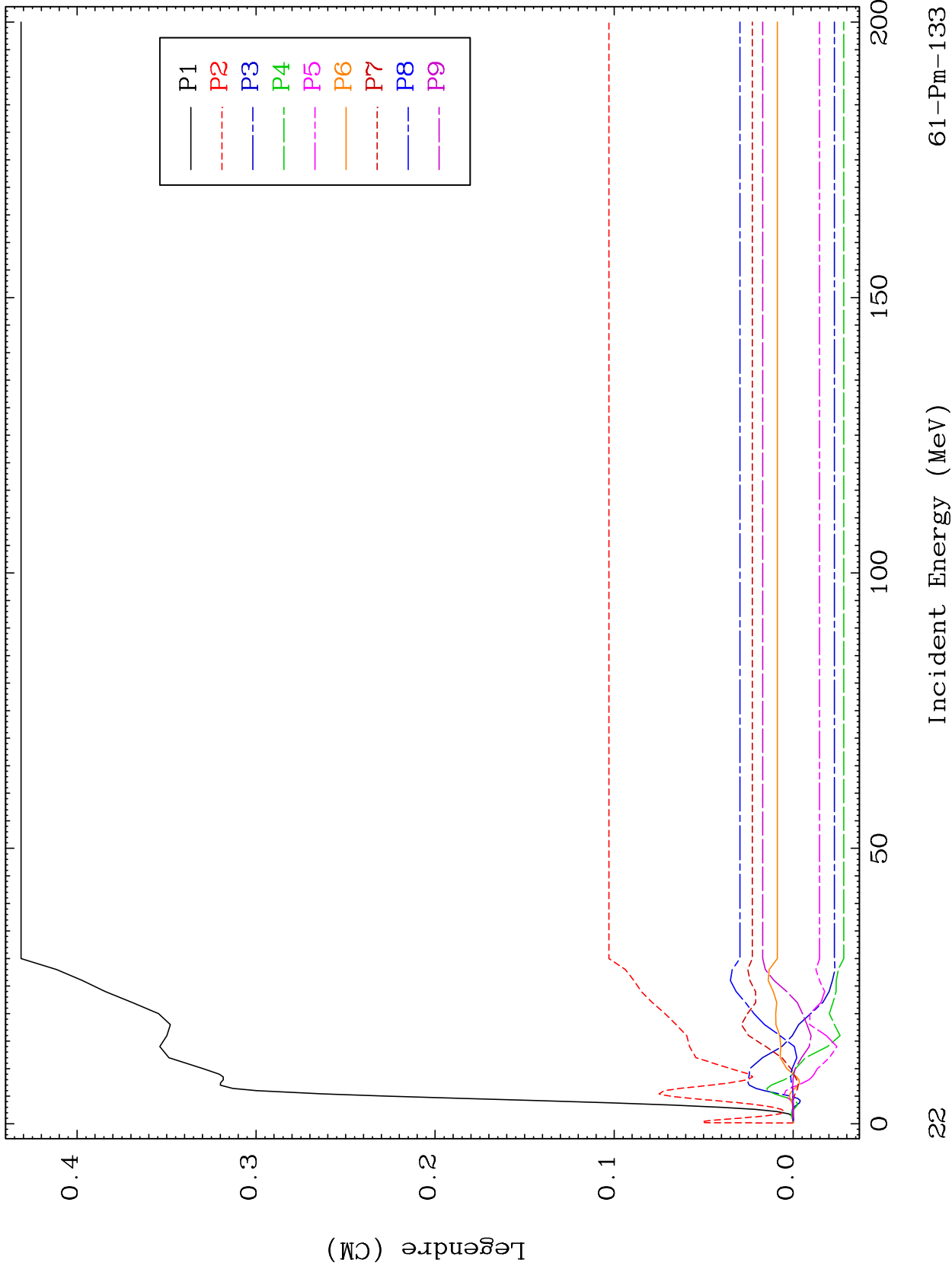
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61-Pm-133

MAT 6107

MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

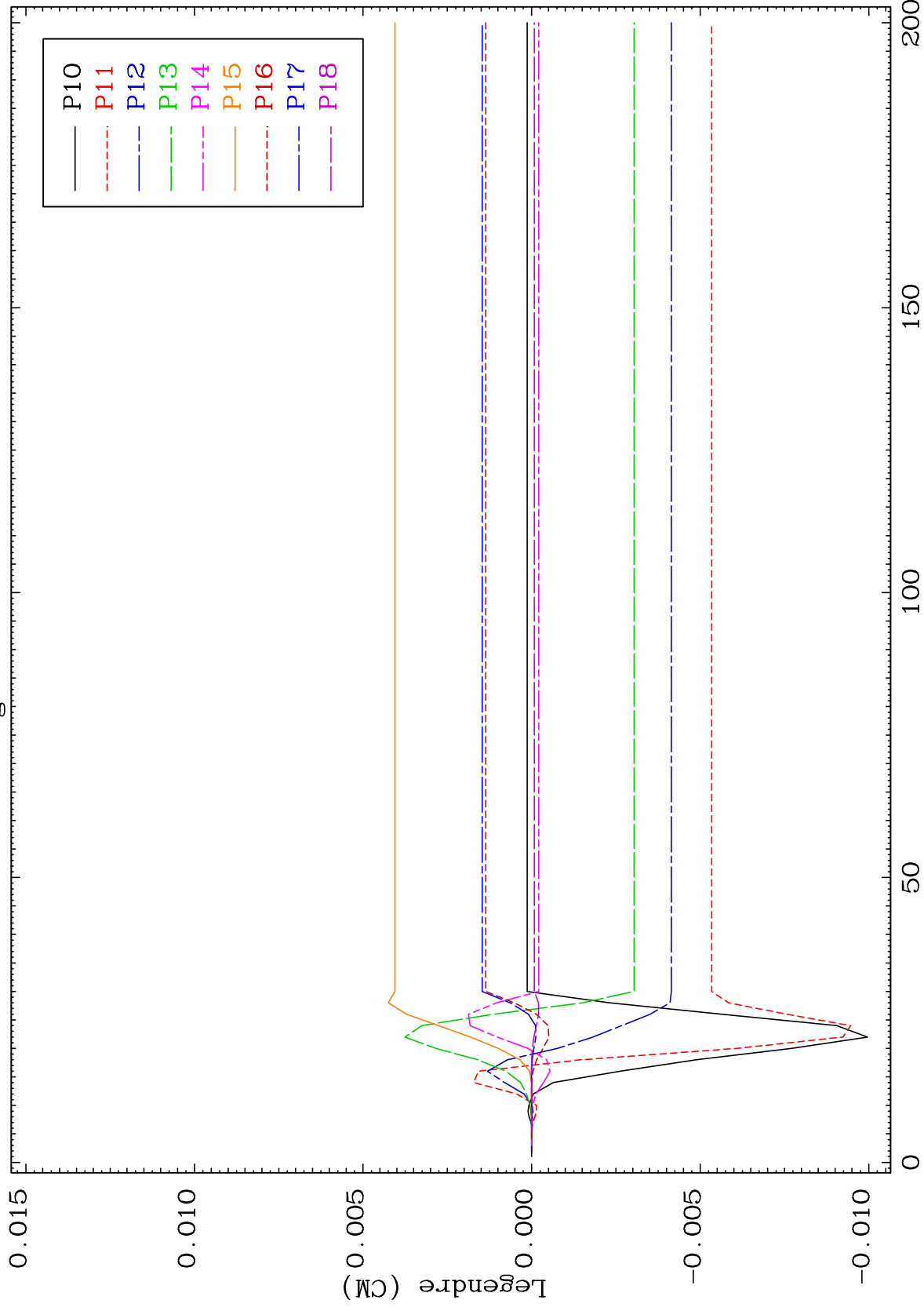
Incident Energy (MeV)

22

MAT 6107

MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-133



23

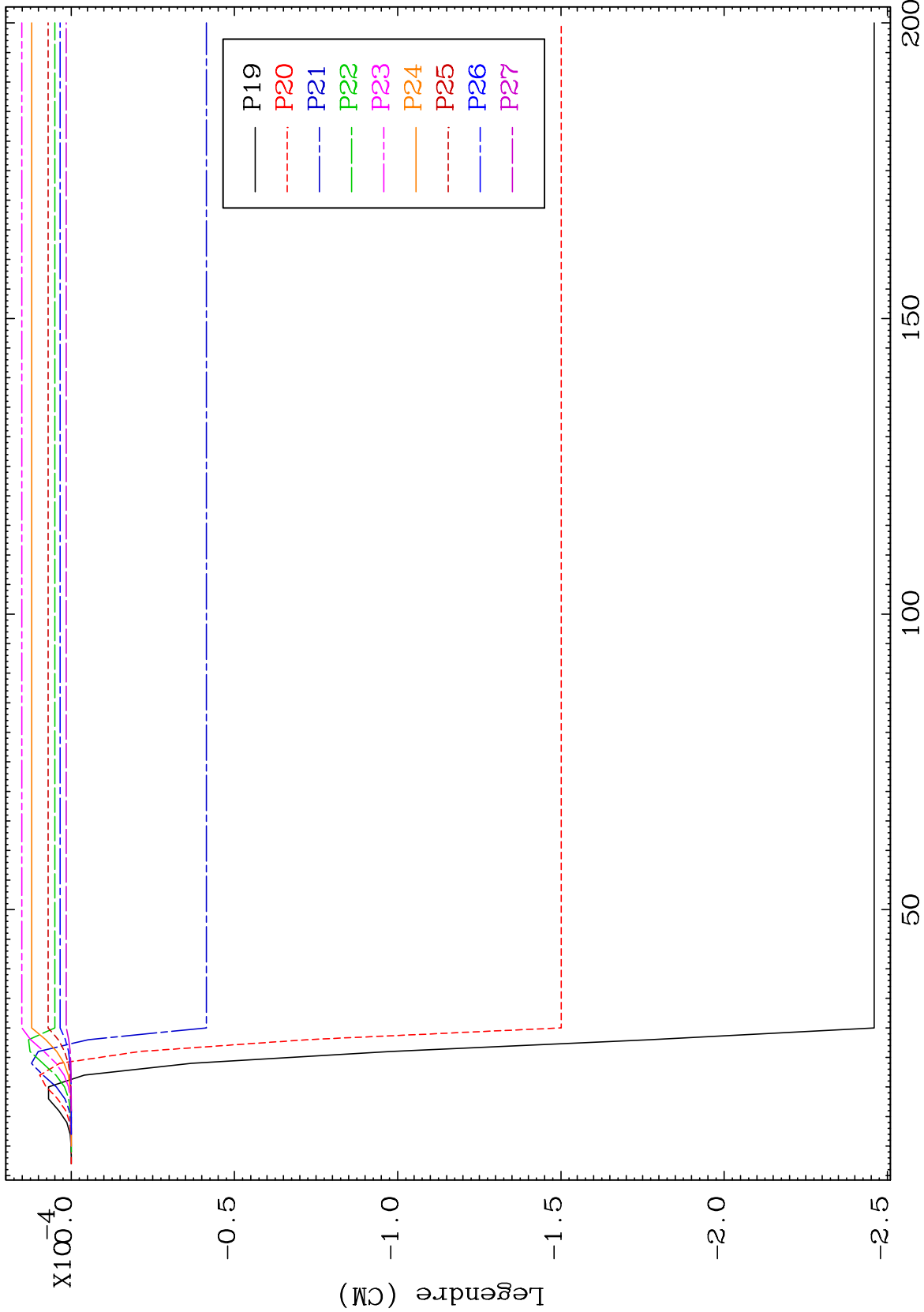
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 52 (n,n') Level
Legendre Coefficients

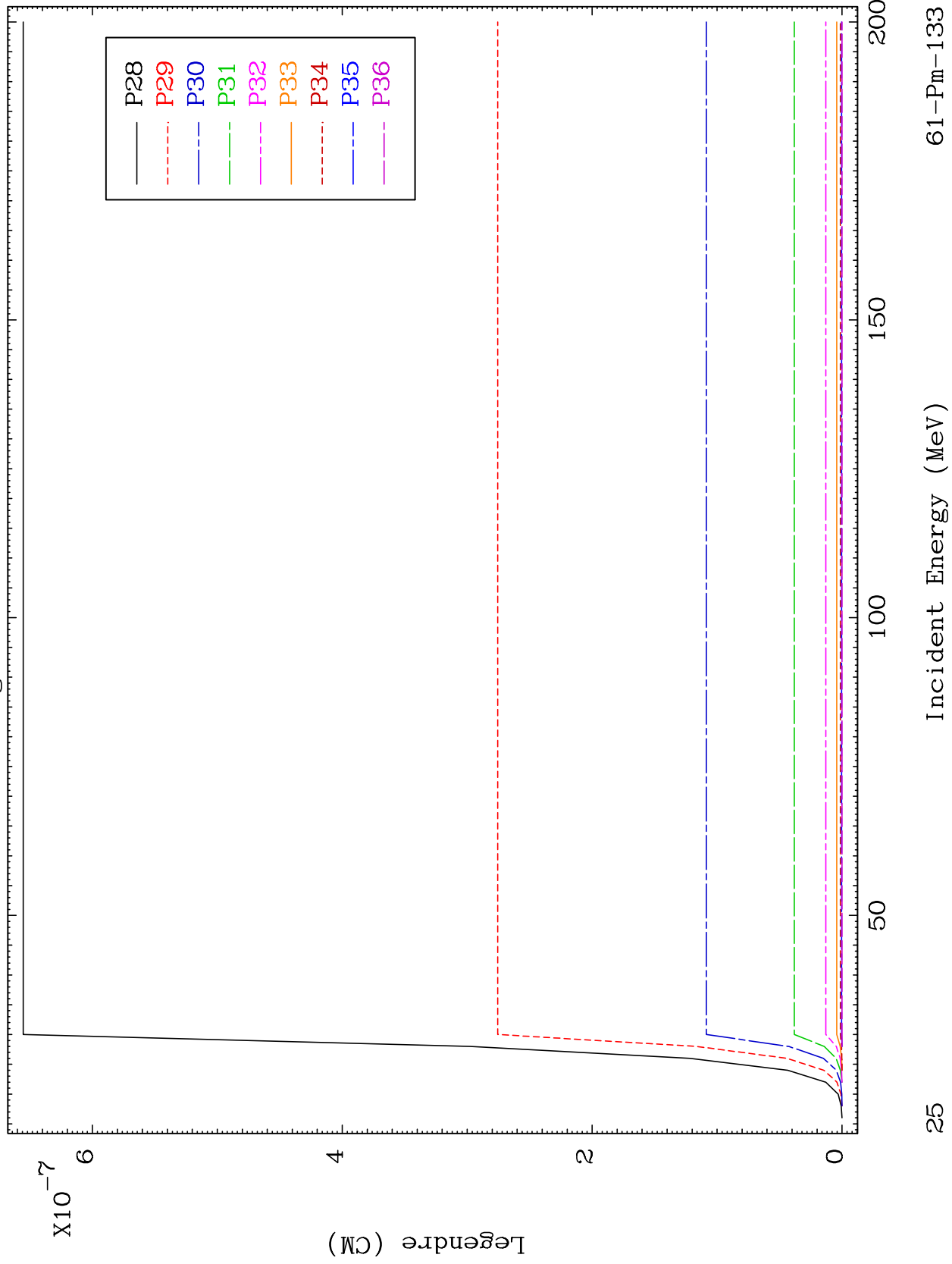
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MAT 6107

MT= 52 (n,n') Level
Legendre Coefficients

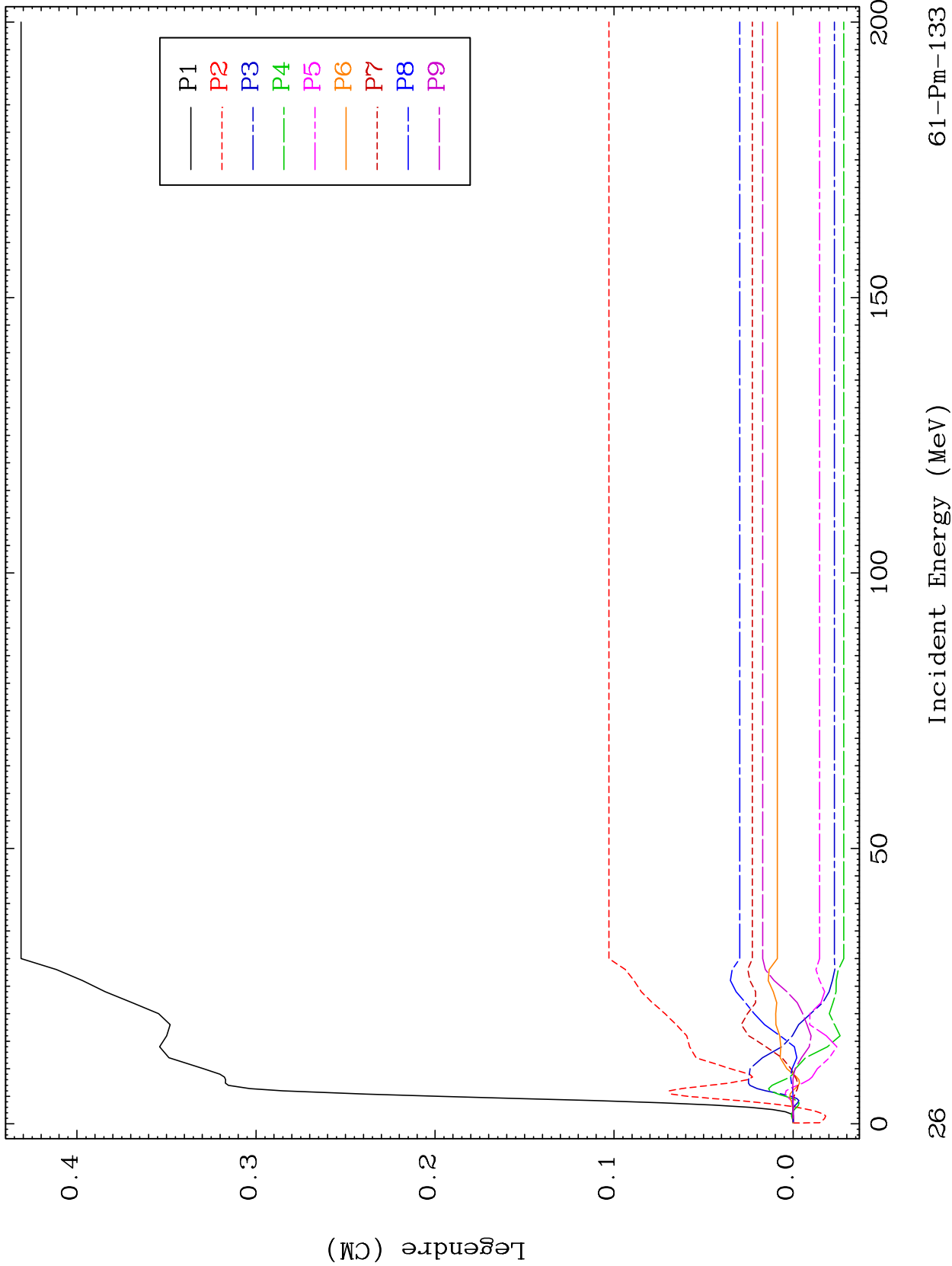
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MAT 6107

MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-133



26

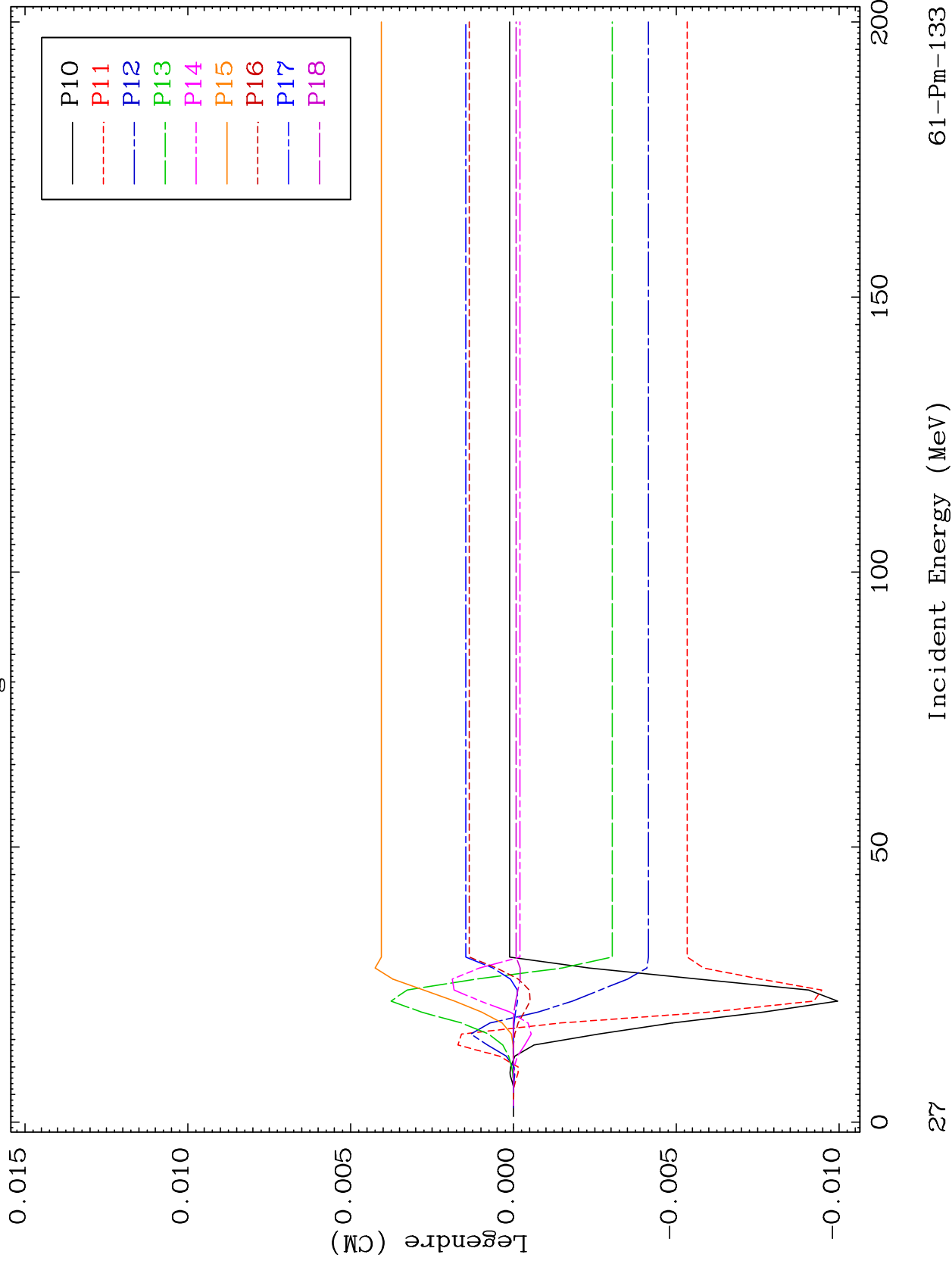
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 53 (n,n') Level
Legendre Coefficients

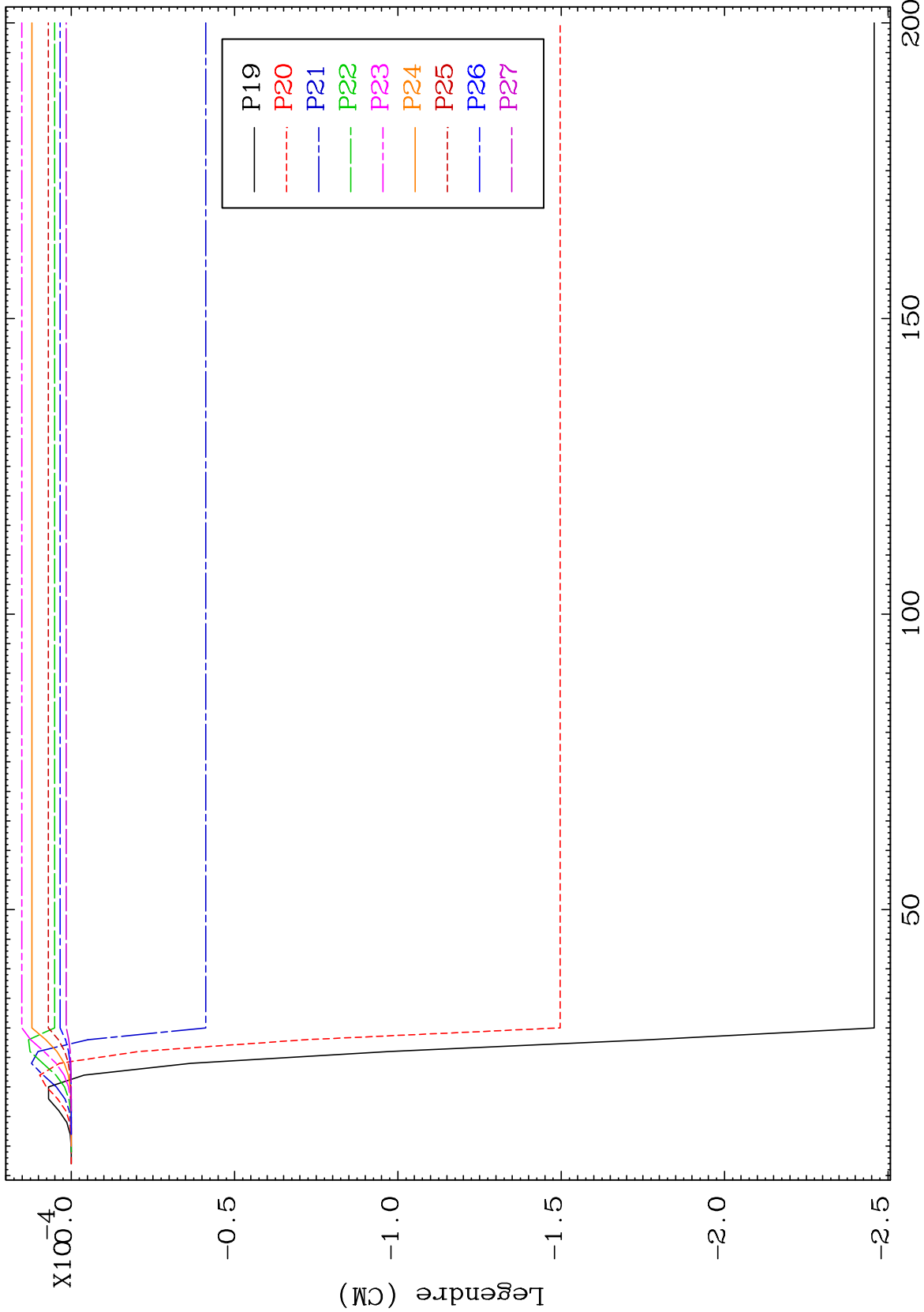
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27

Incident Energy (MeV)

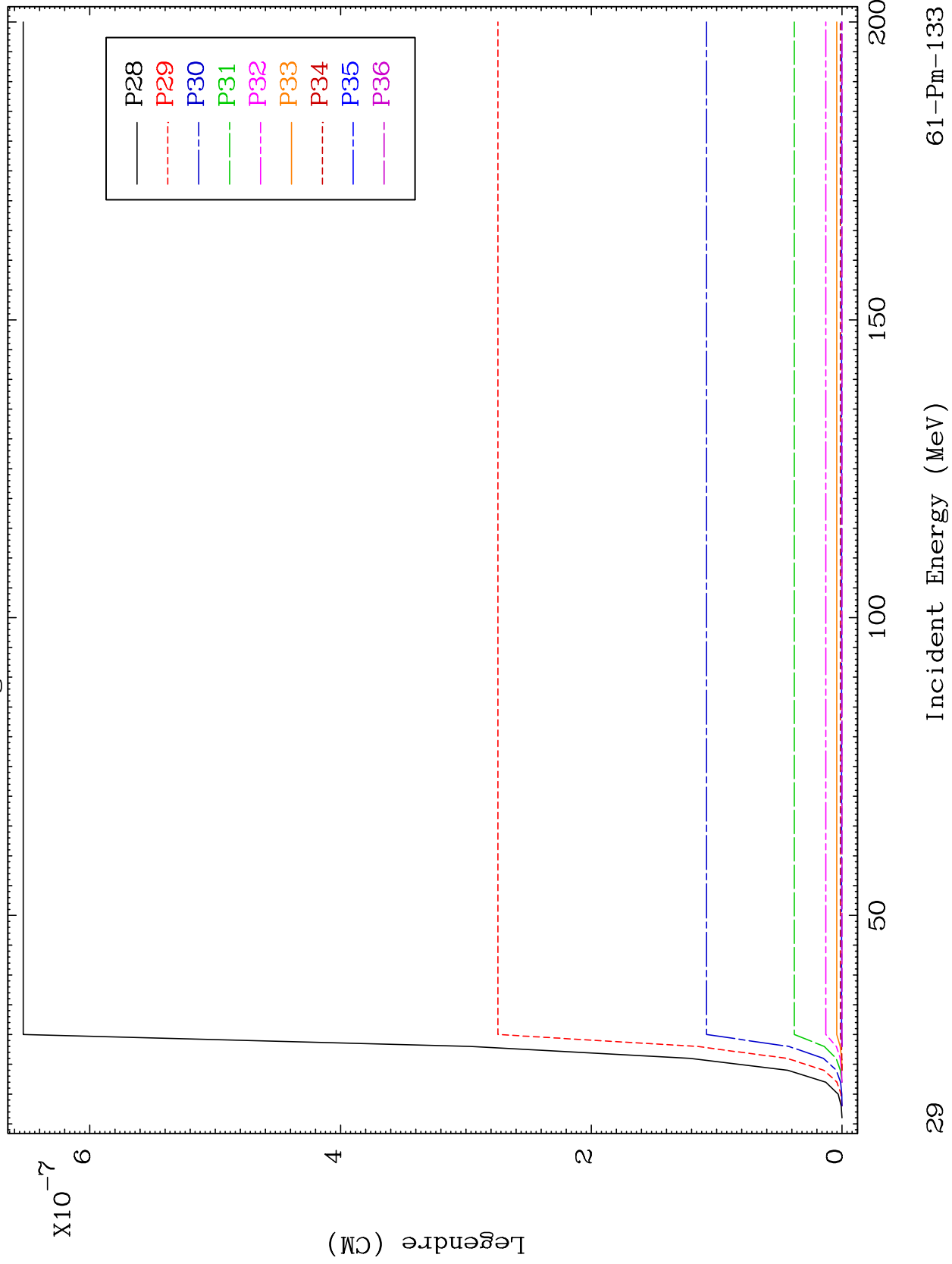
61-Pm-133



MAT 6107

MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-133



29

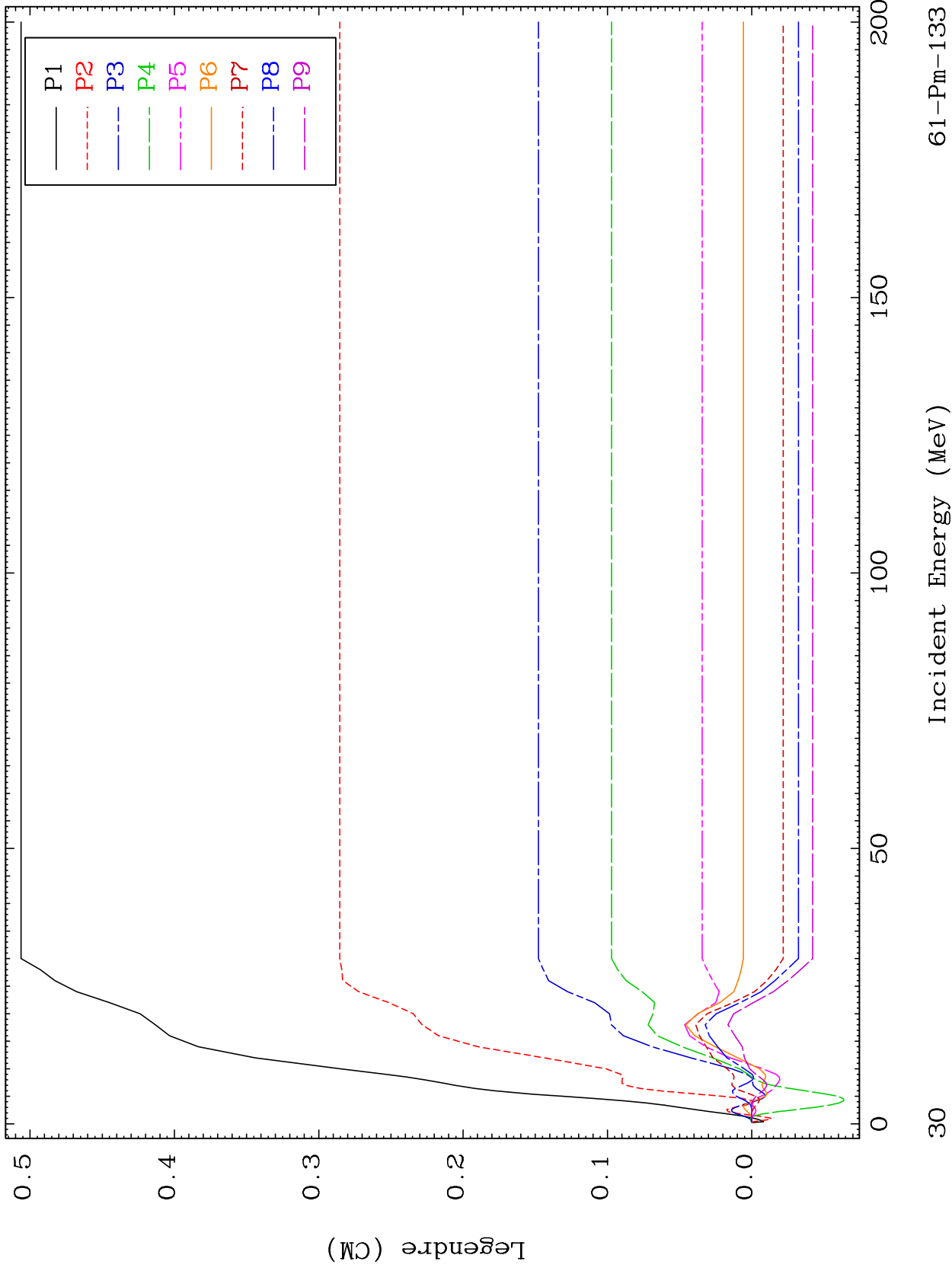
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 54 (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

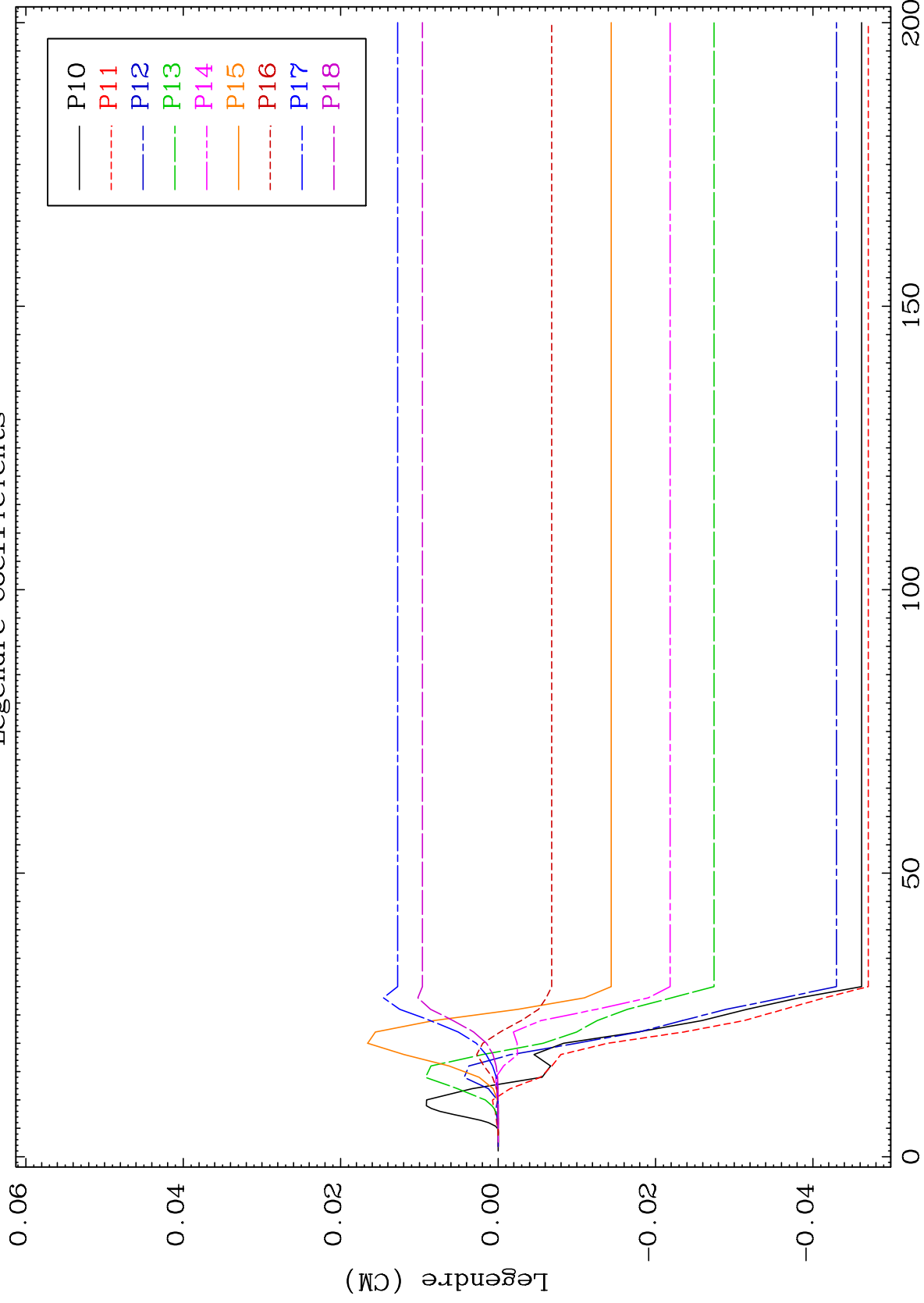
Incident Energy (MeV)

30

MAT 6107

MT= 54 (n,n') Level
Legendre Coefficients

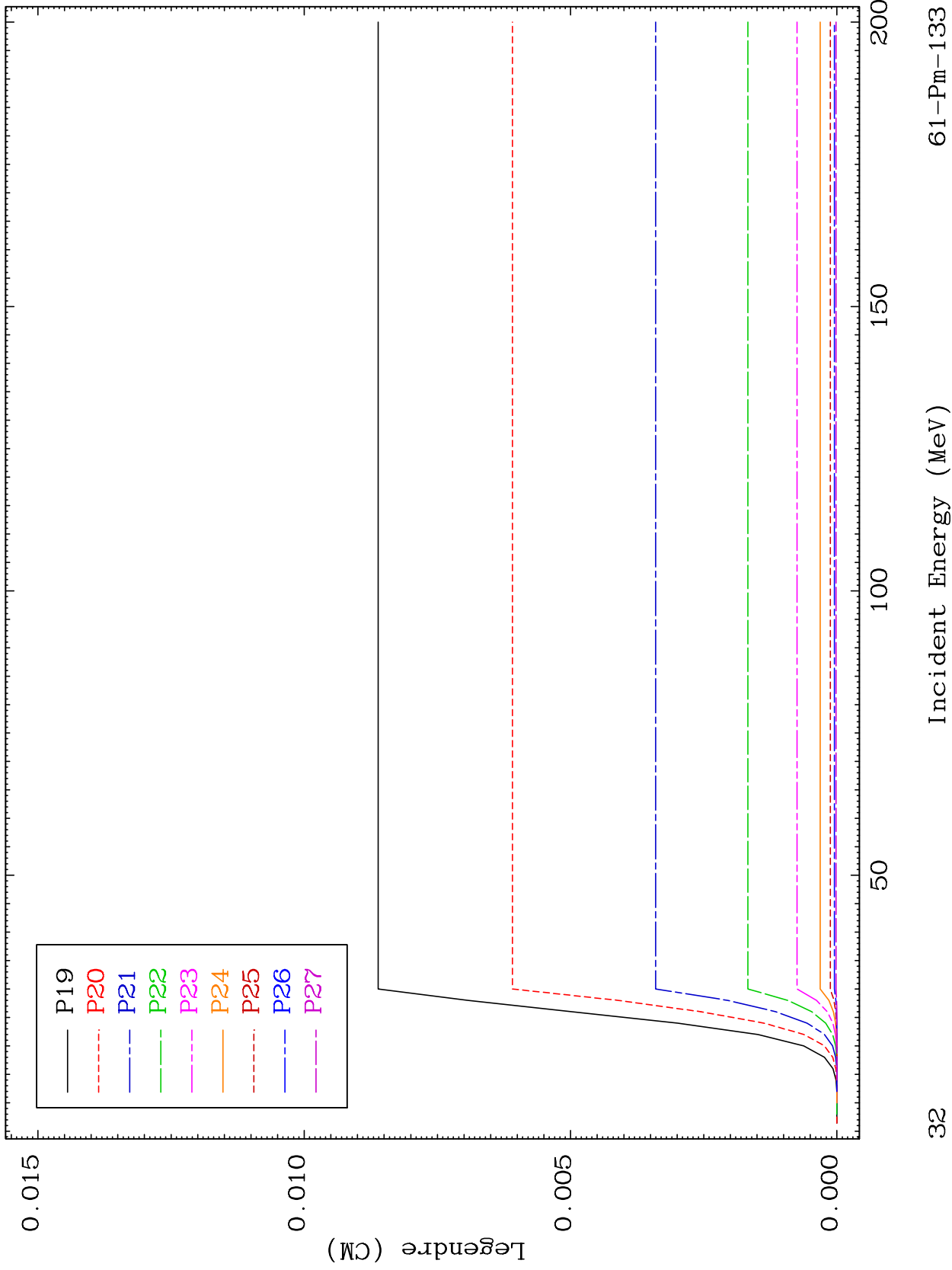
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31

Incident Energy (MeV)

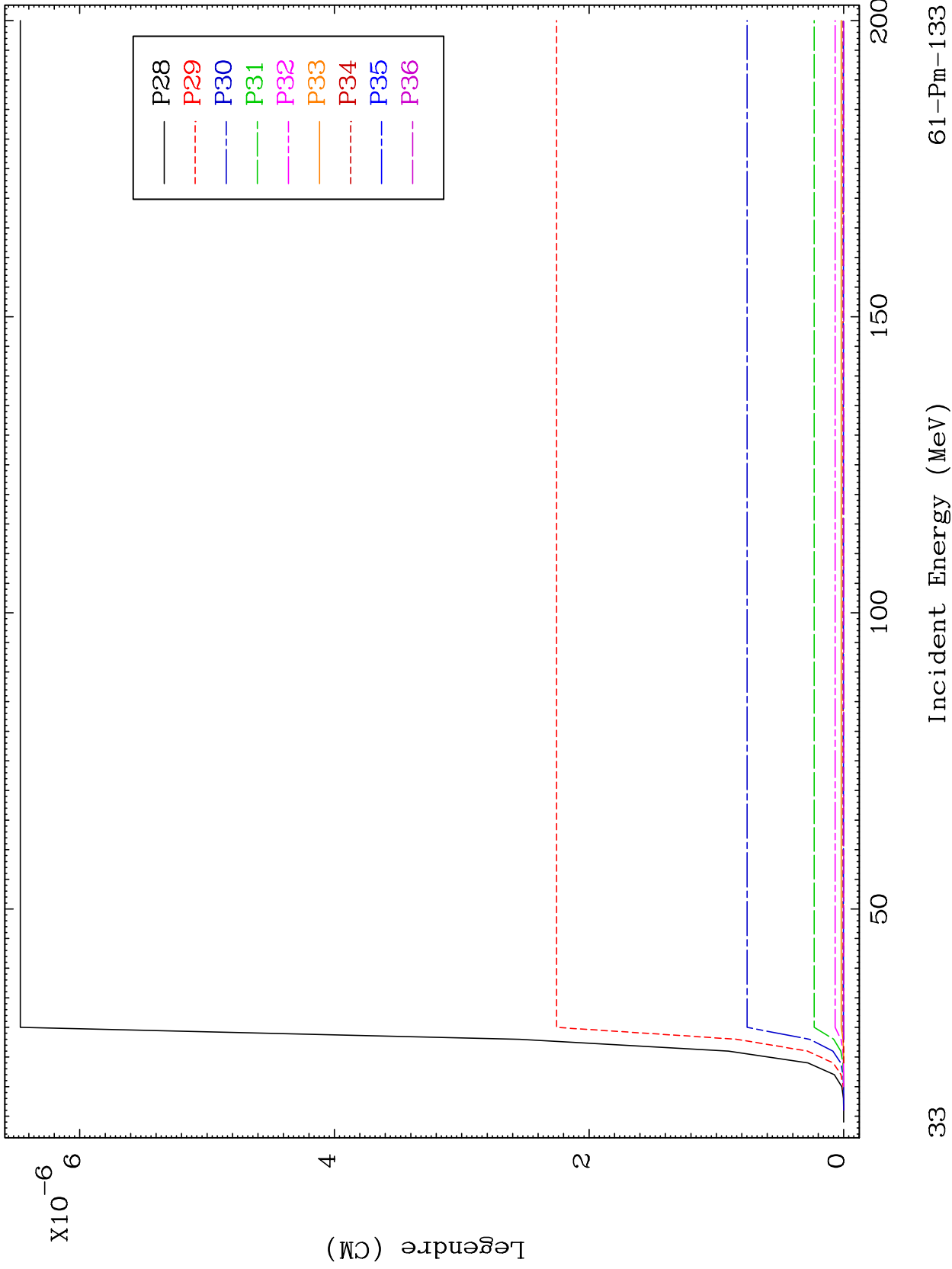
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MAT 6107

MT= 54 (n,n') Level
Legendre Coefficients

61-Pm-133



33

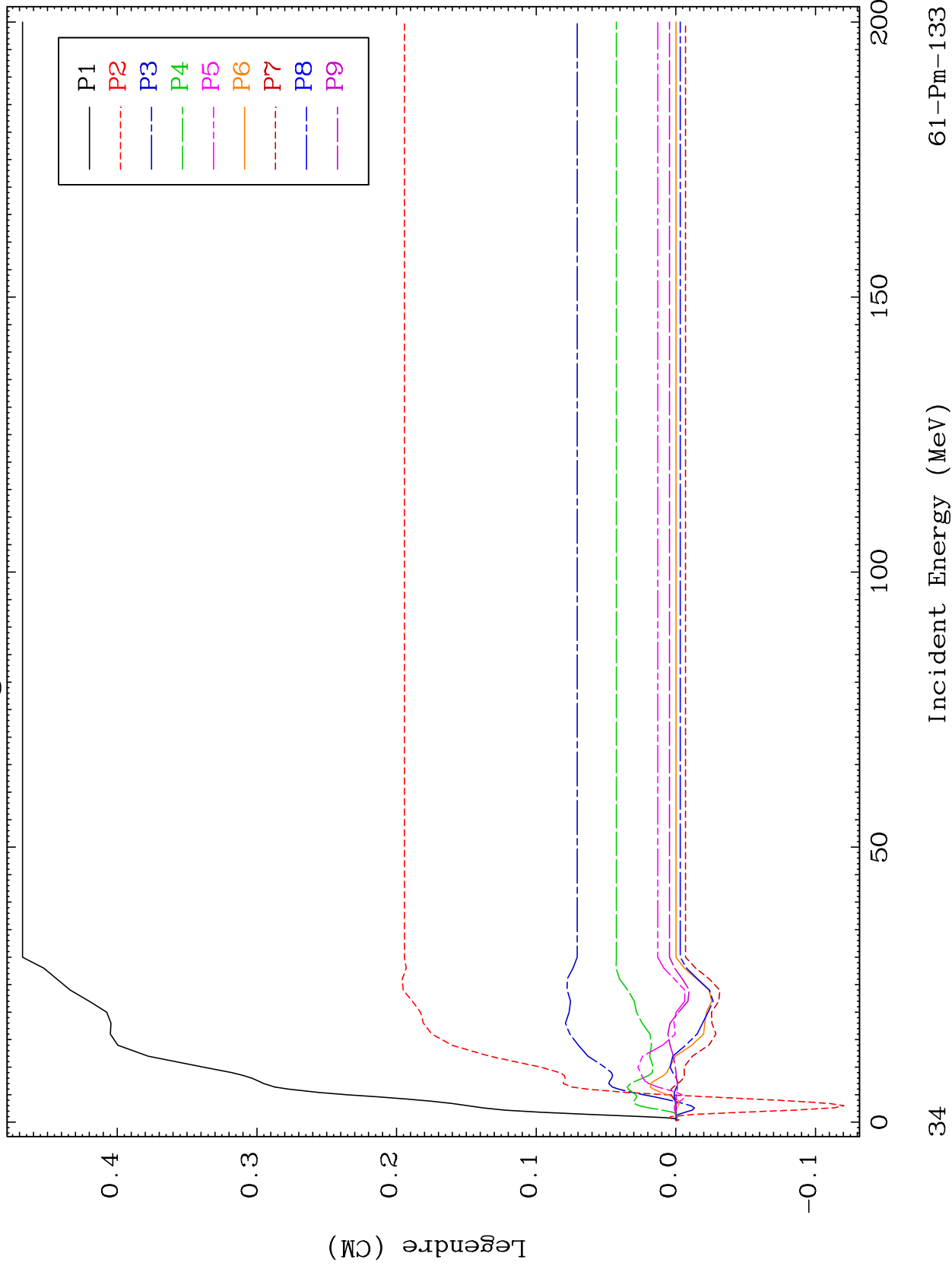
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 55 (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

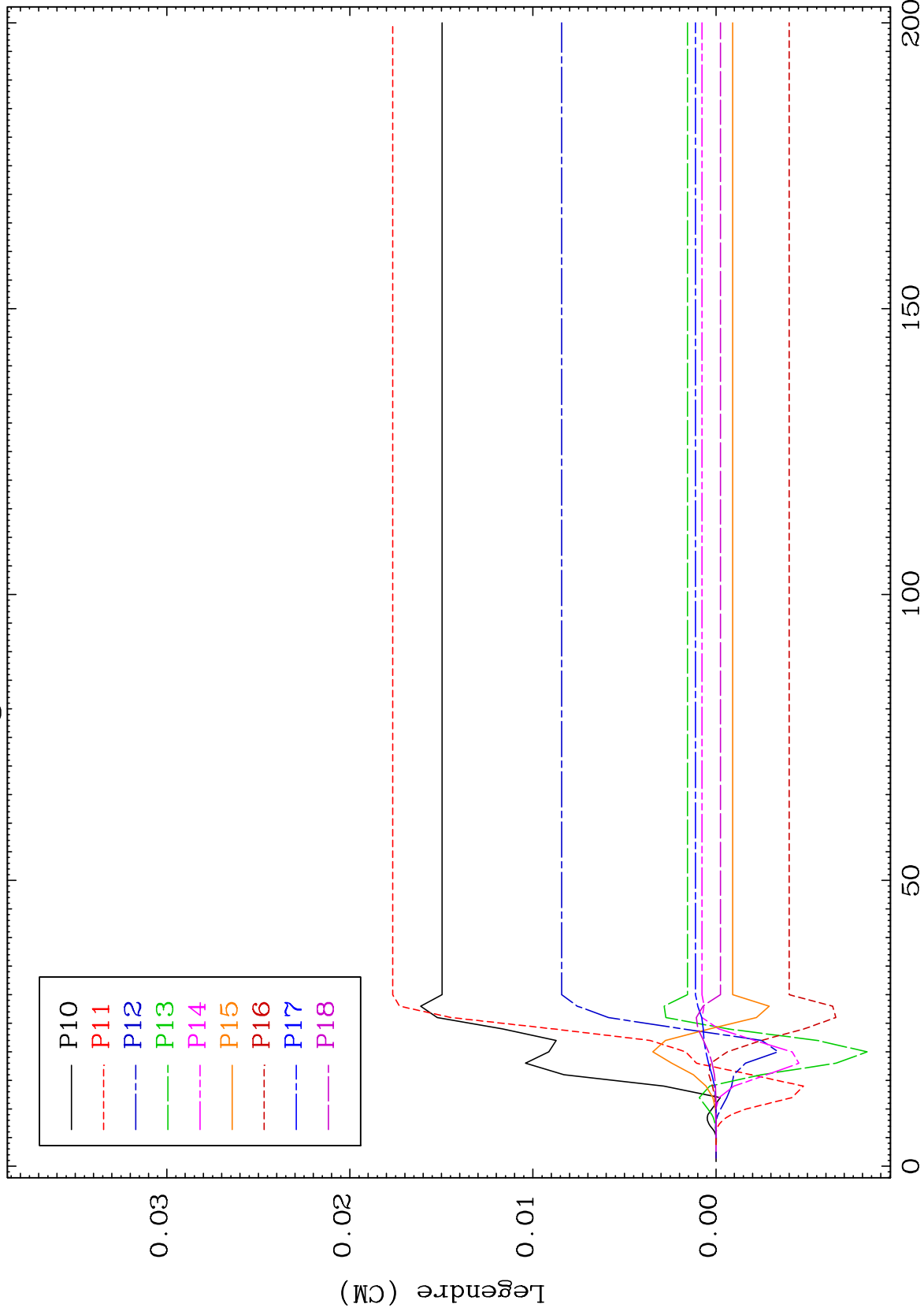
Incident Energy (MeV)

34

MAT 6107

MT= 55 (n,n') Level
Legendre Coefficients

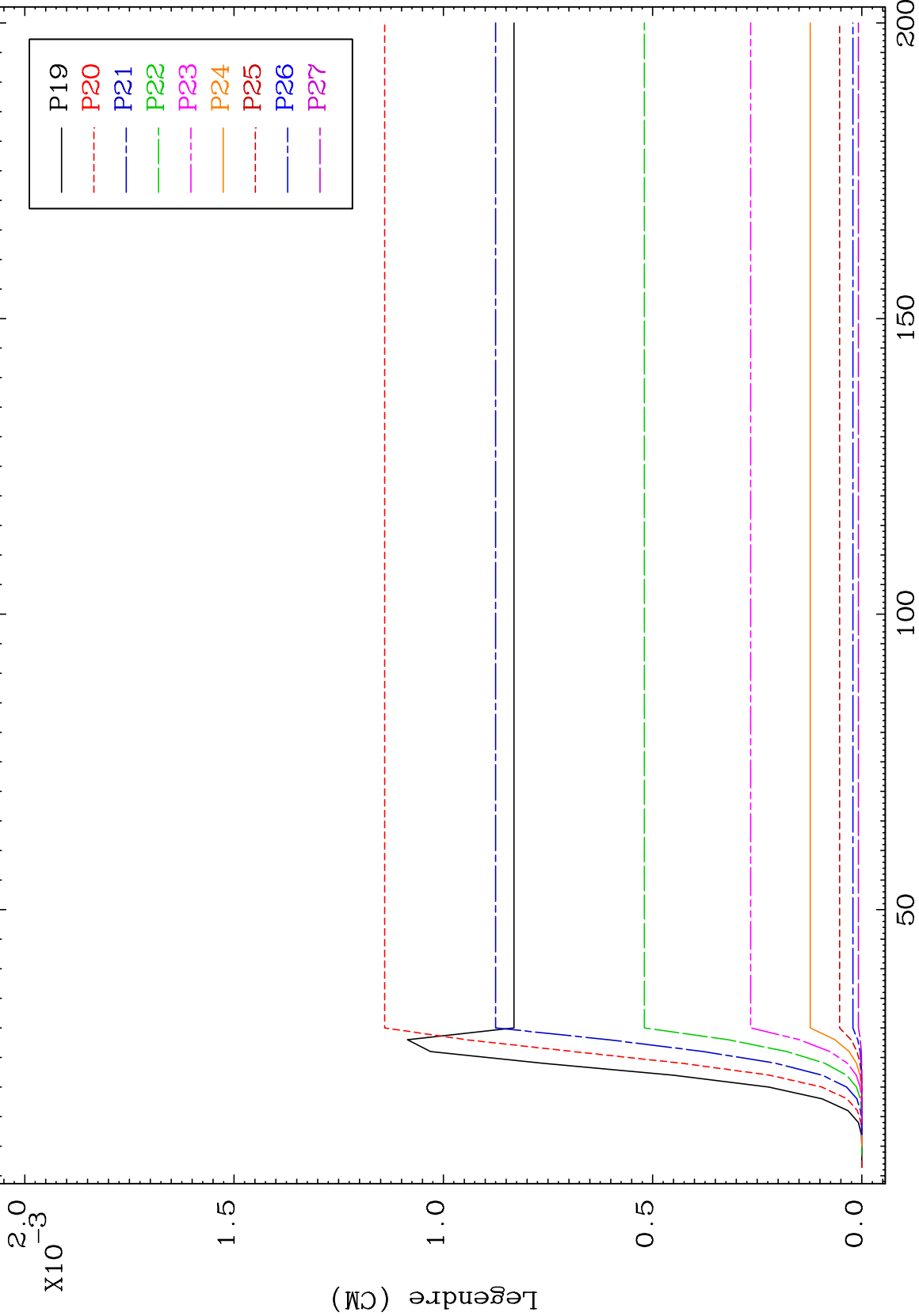
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35

Incident Energy (MeV)

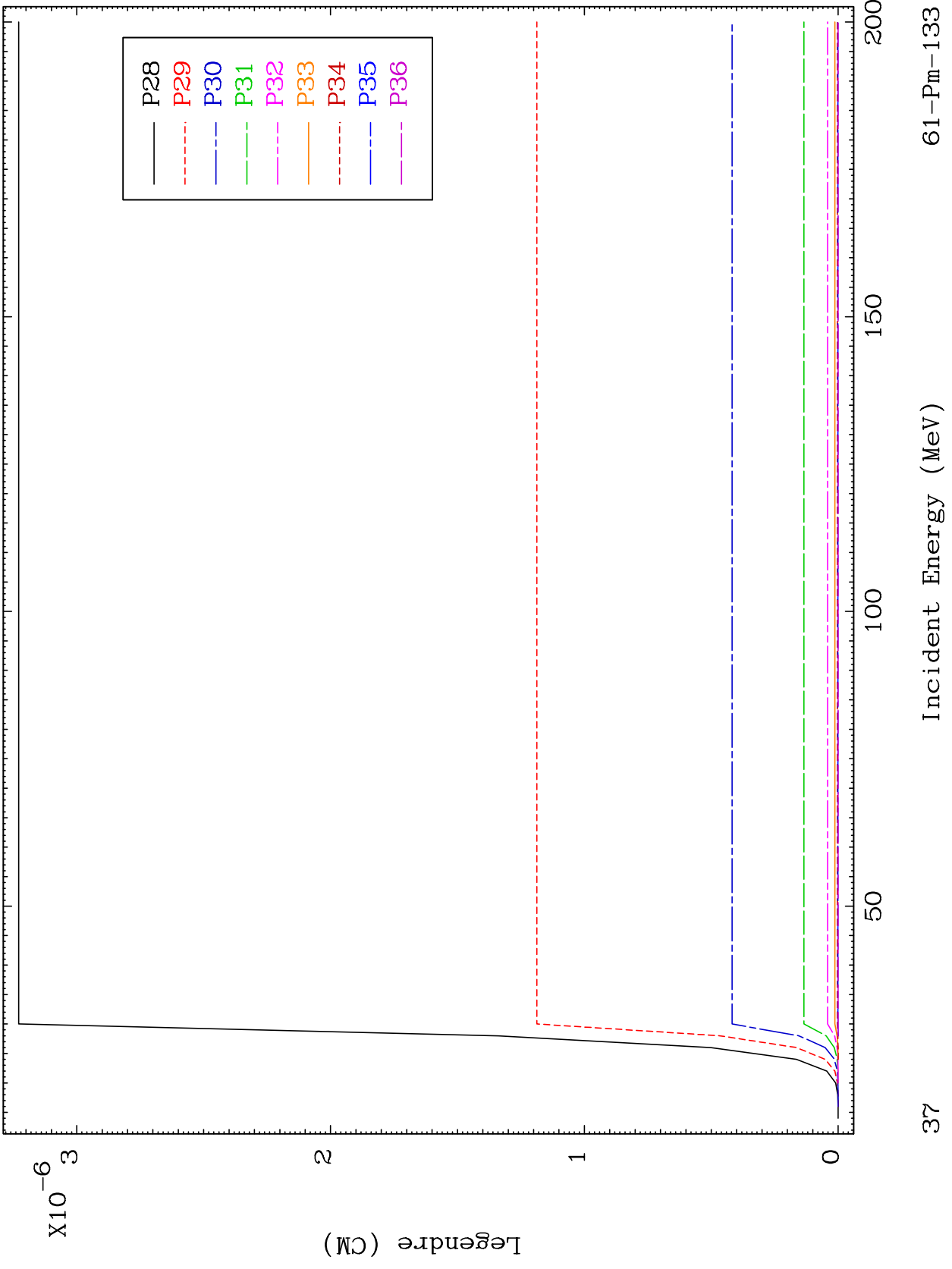
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MAT 6107

MT= 55 (n,n') Level
Legendre Coefficients

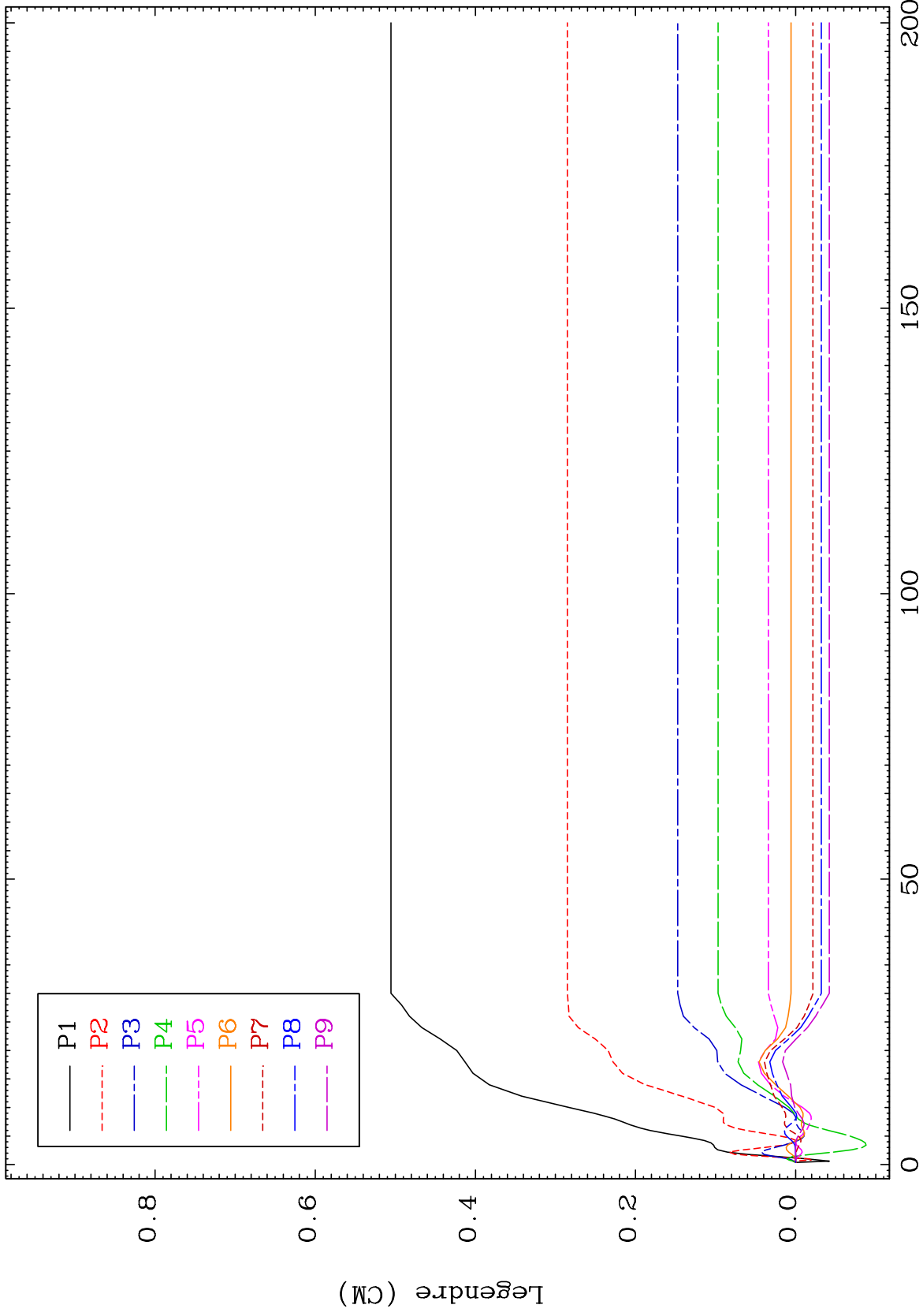
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37

Incident Energy (MeV)

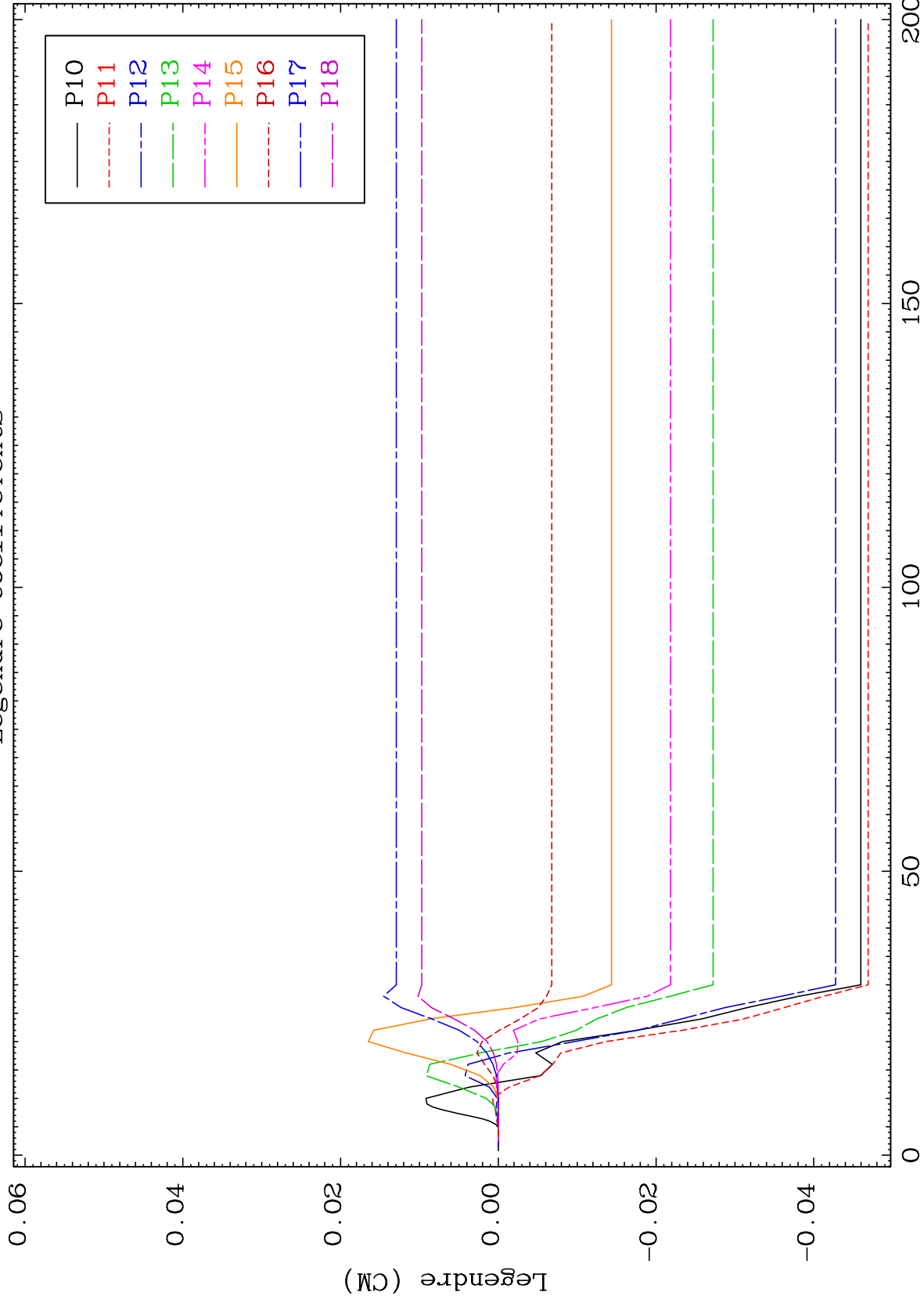
61-Pm-133



MAT 6107

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-133



39

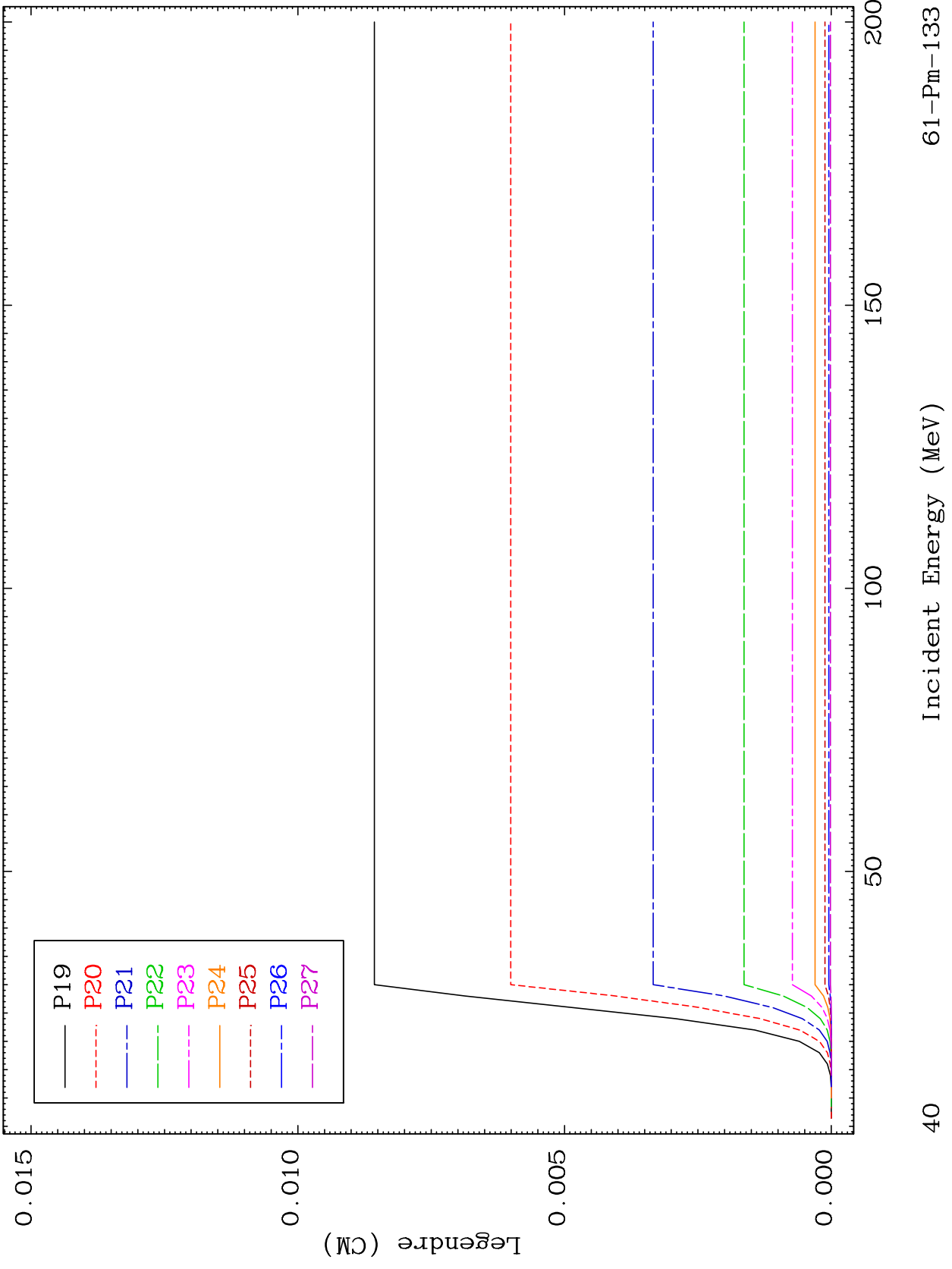
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

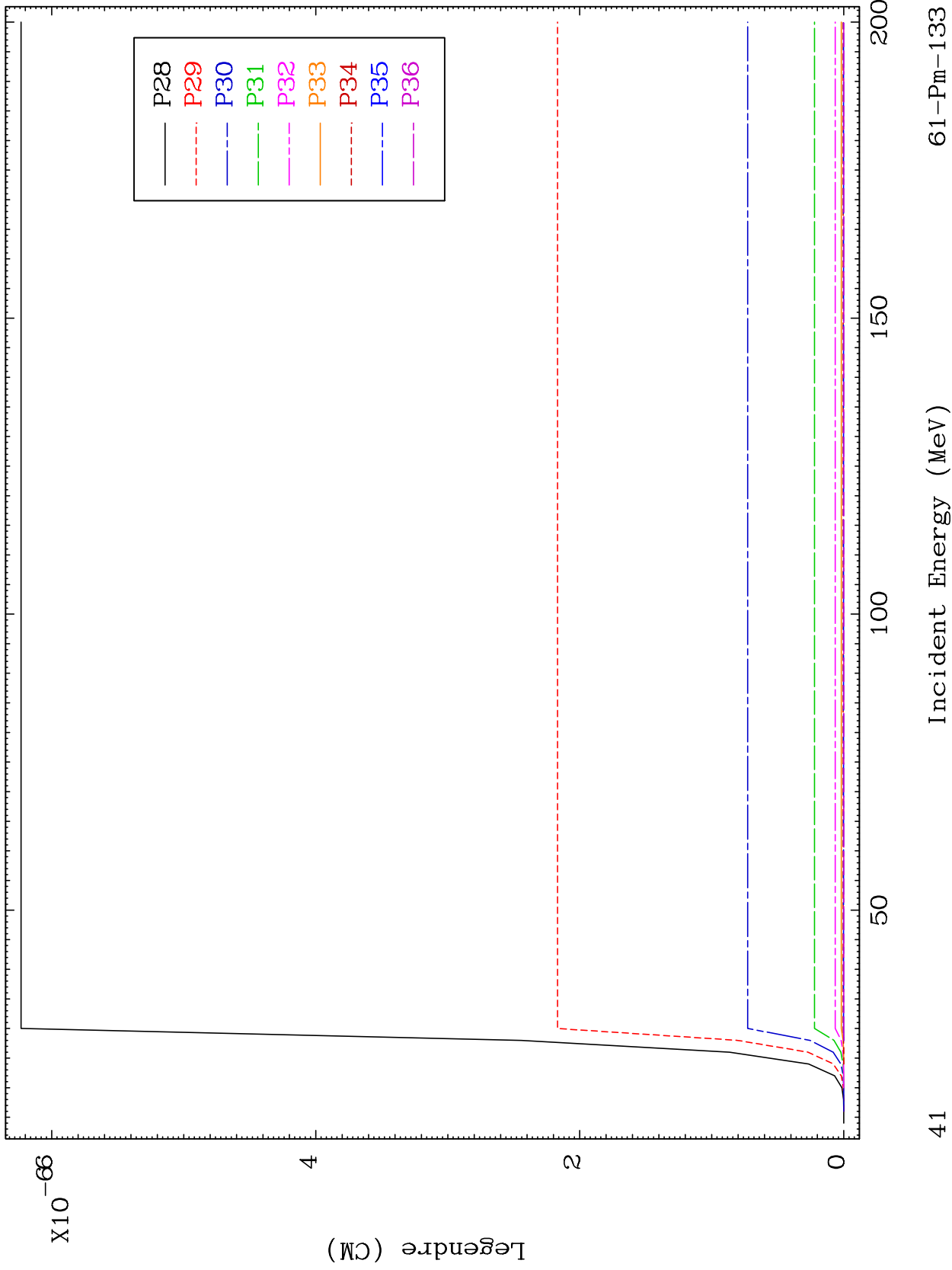
Incident Energy (MeV)

40

MAT 6107

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-133



41

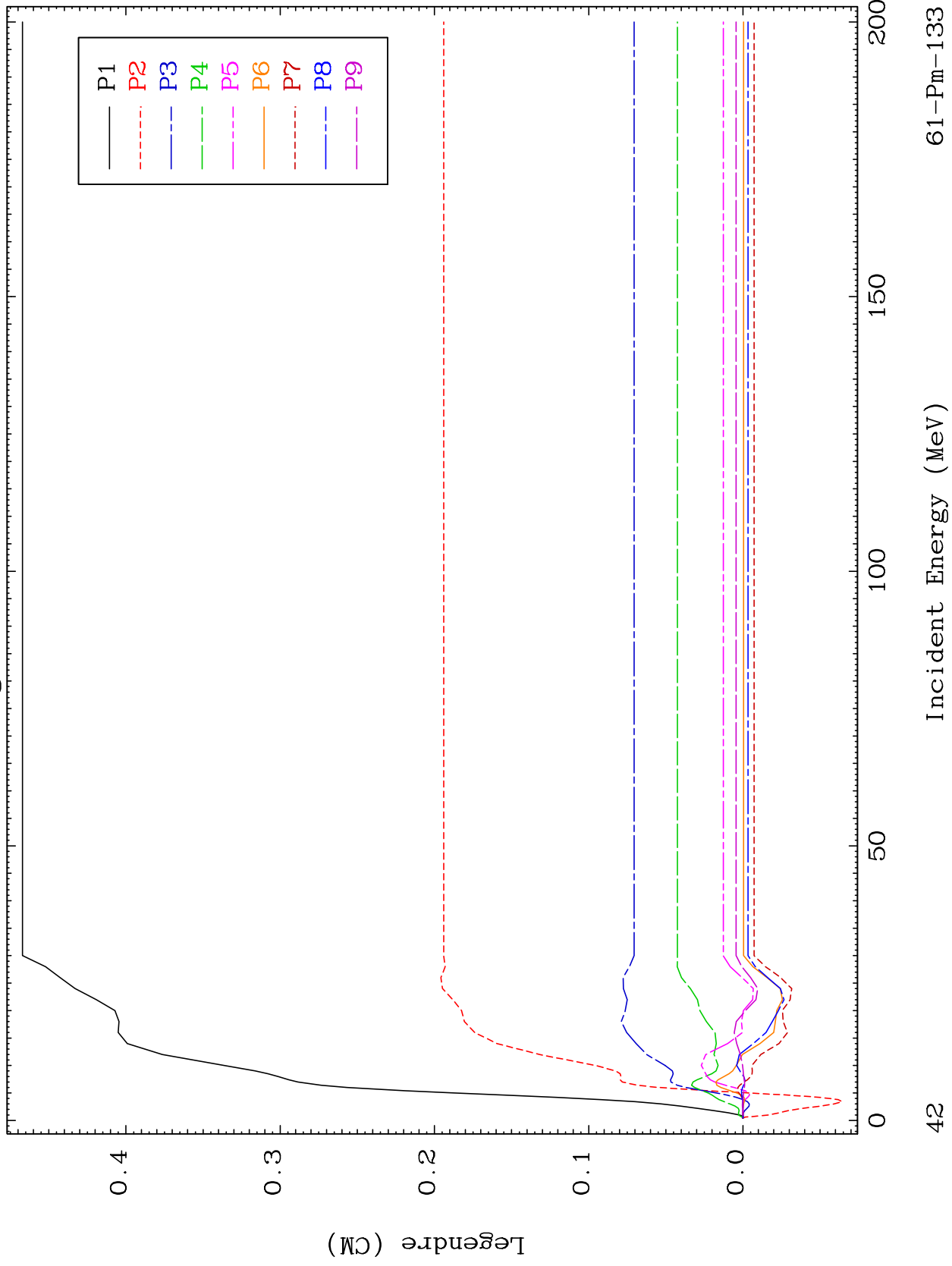
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 57 (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

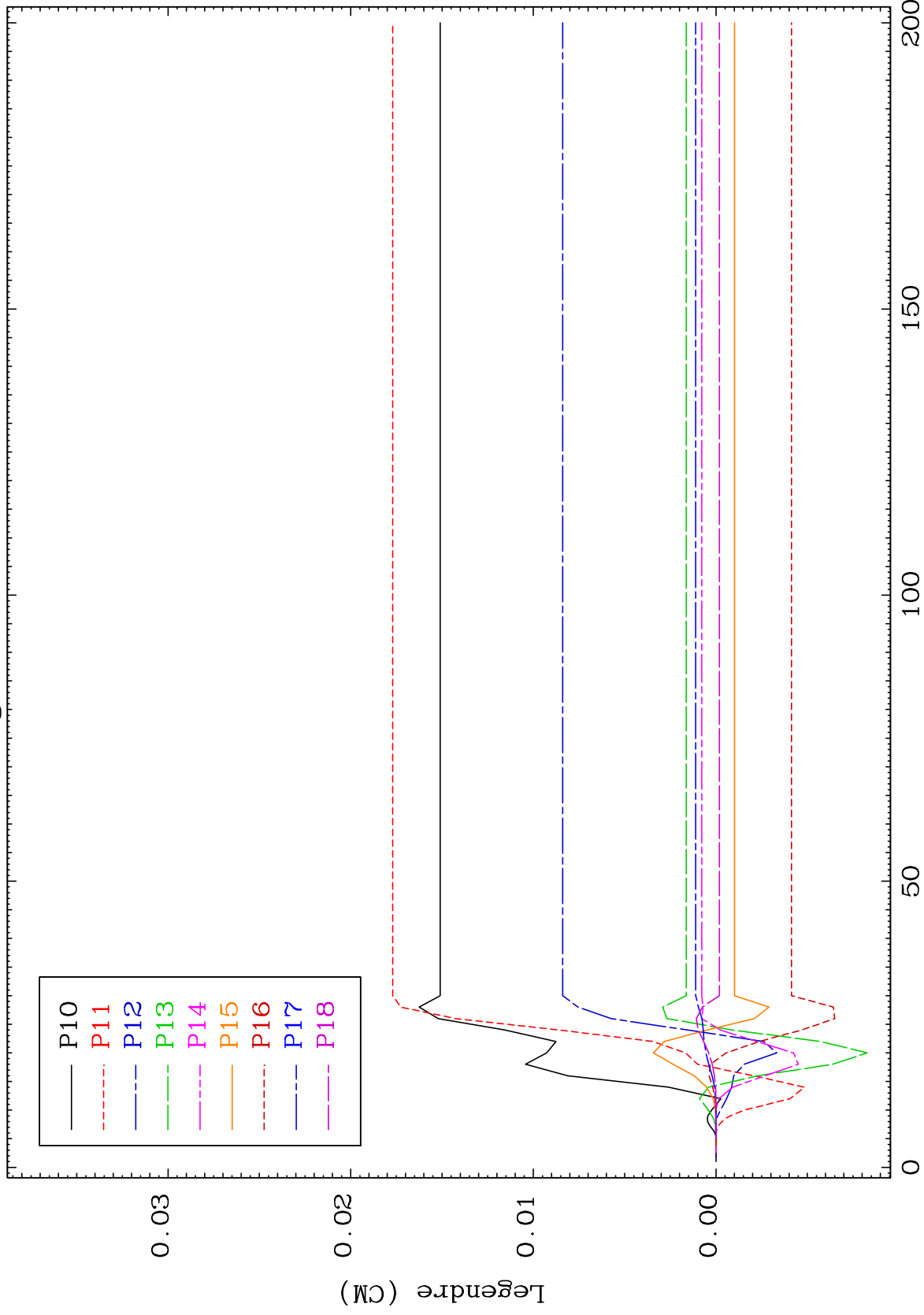
Incident Energy (MeV)

42

MAT 6107

MT= 57 (n,n') Level
Legendre Coefficients

61-Pm-133



43

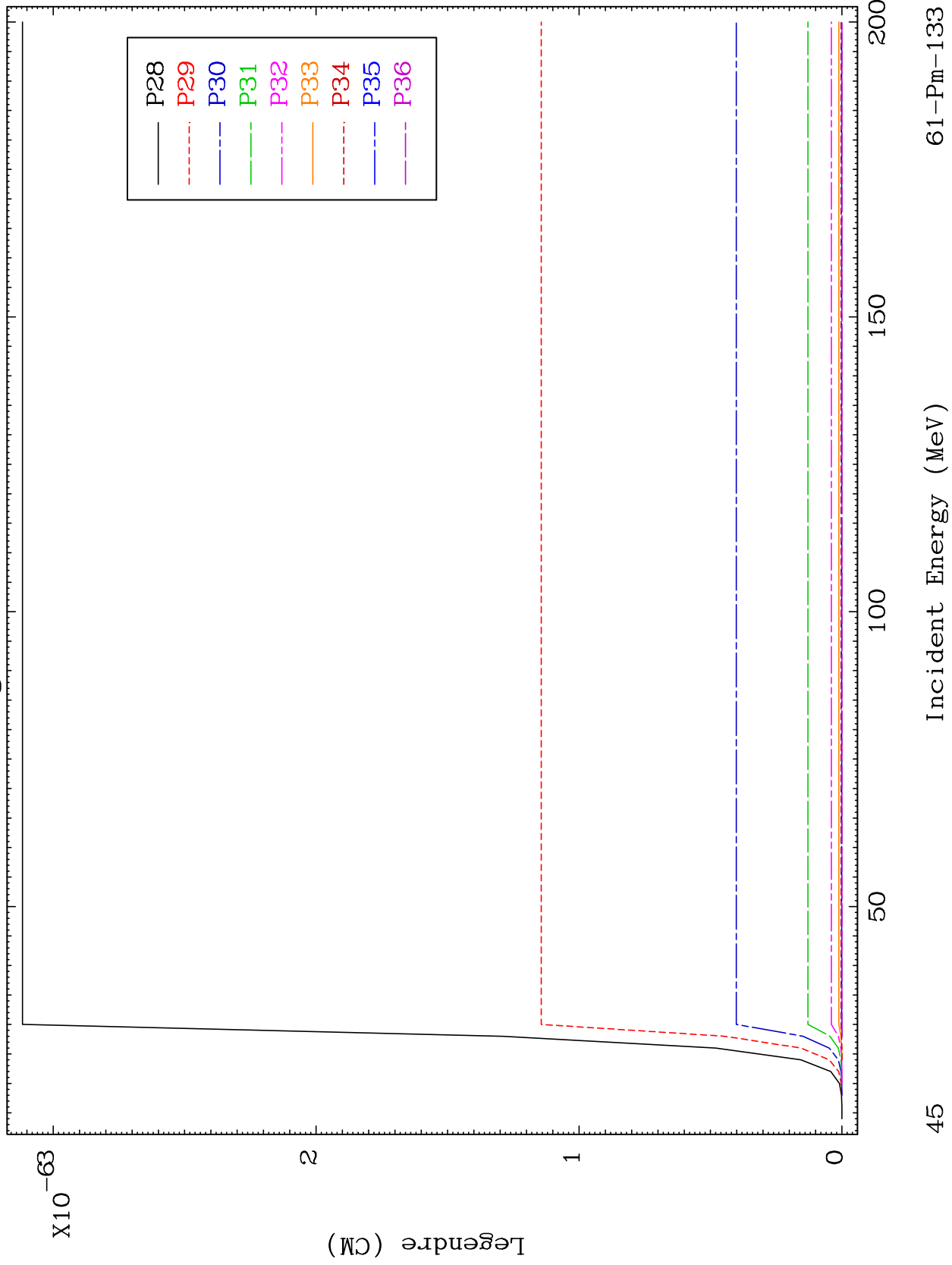
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 57 (n,n') Level
Legendre Coefficients

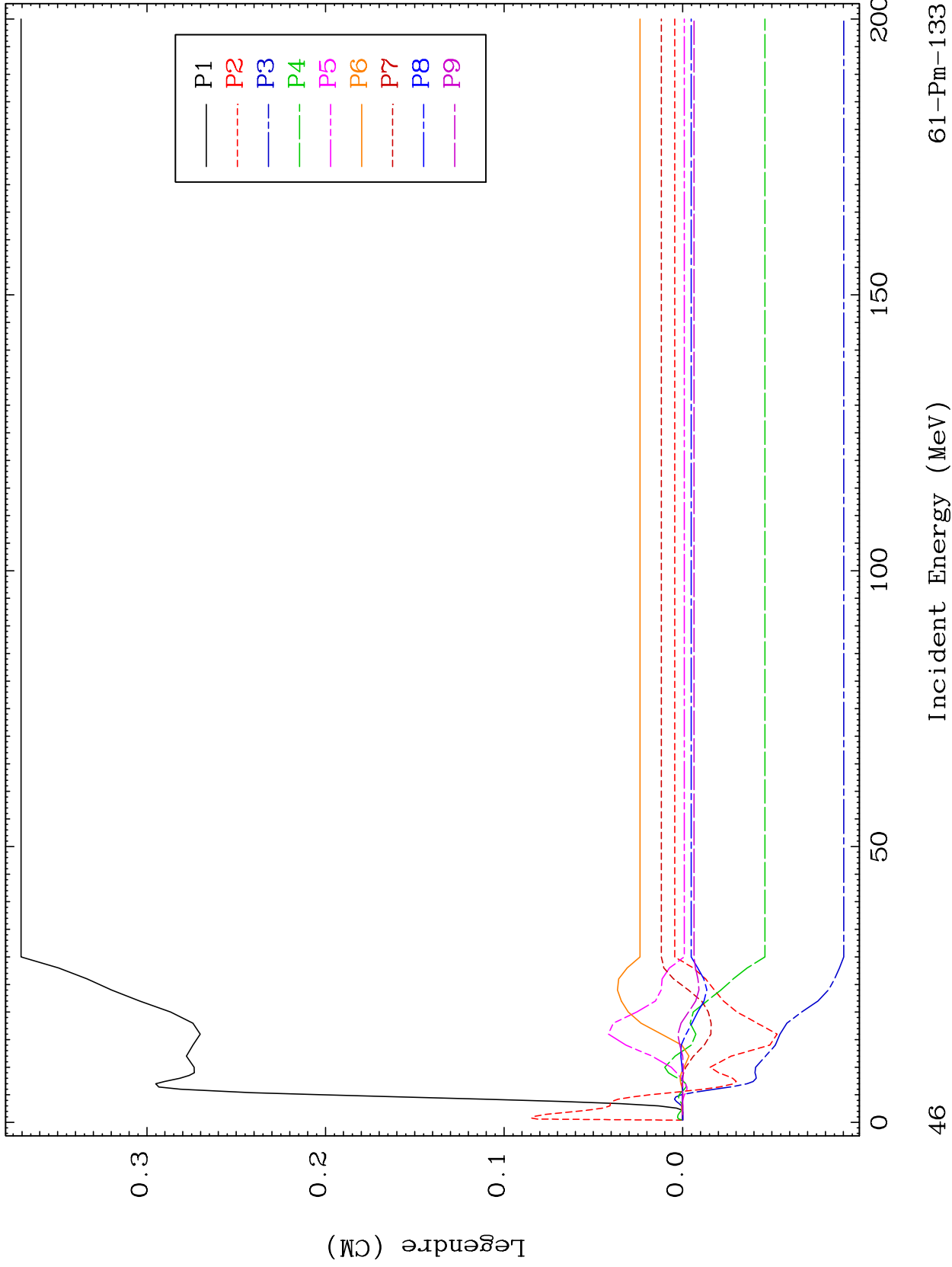
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MAT 6107

MT= 58 (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

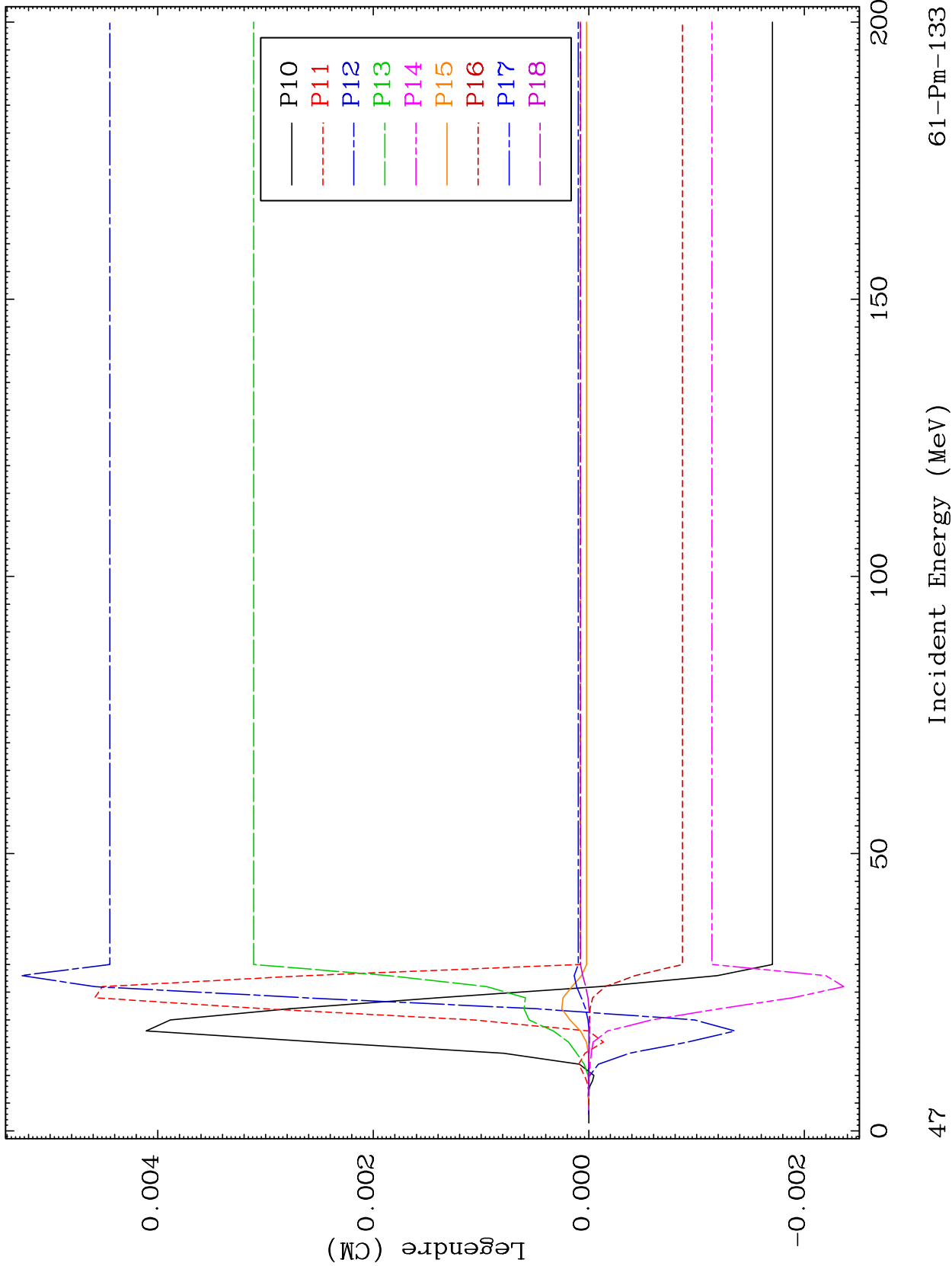
Incident Energy (MeV)

46

MAT 6107

MT= 58 (n,n') Level
Legendre Coefficients

61-Pm-133



47

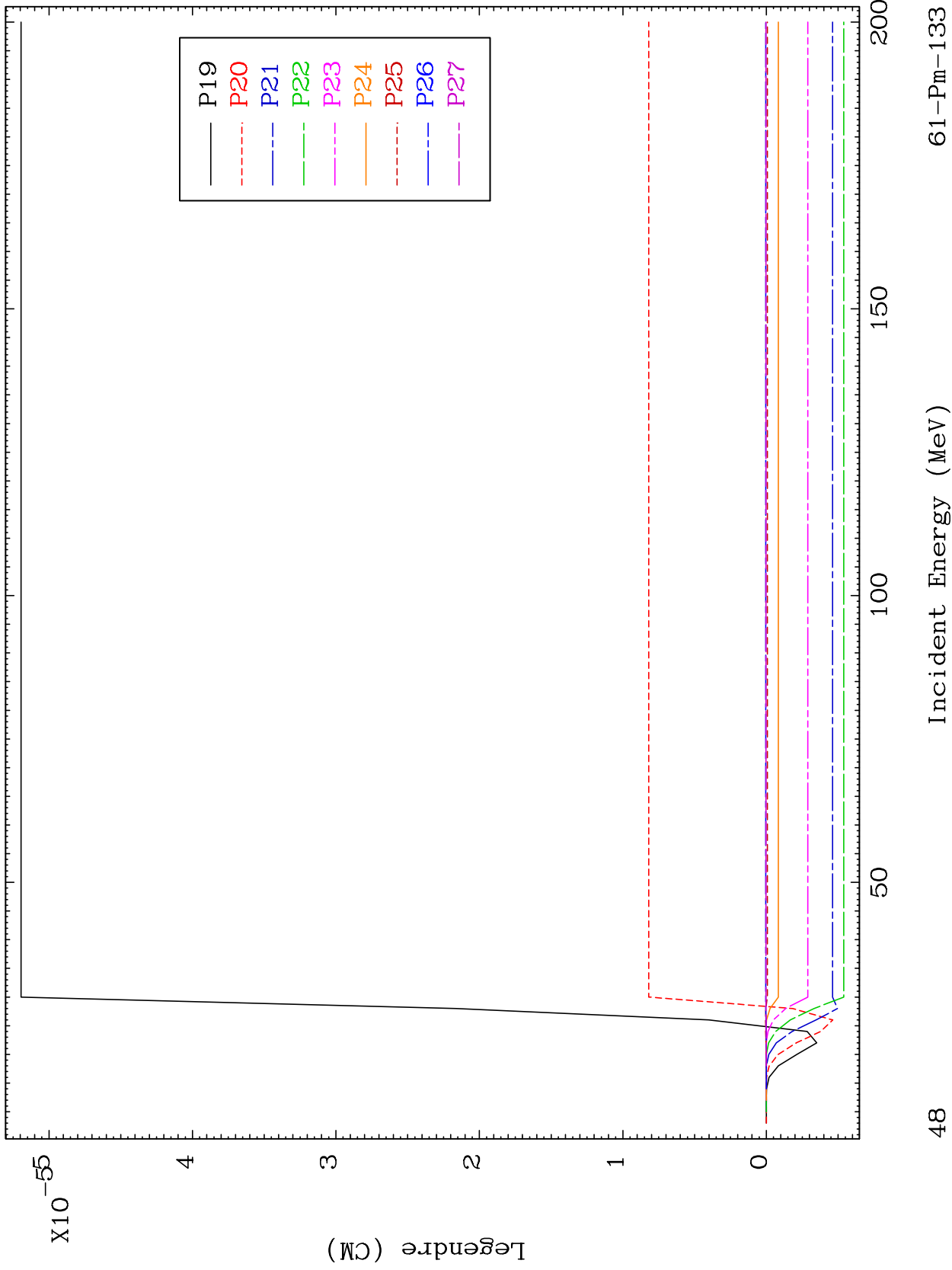
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 58 (n,n') Level
Legendre Coefficients

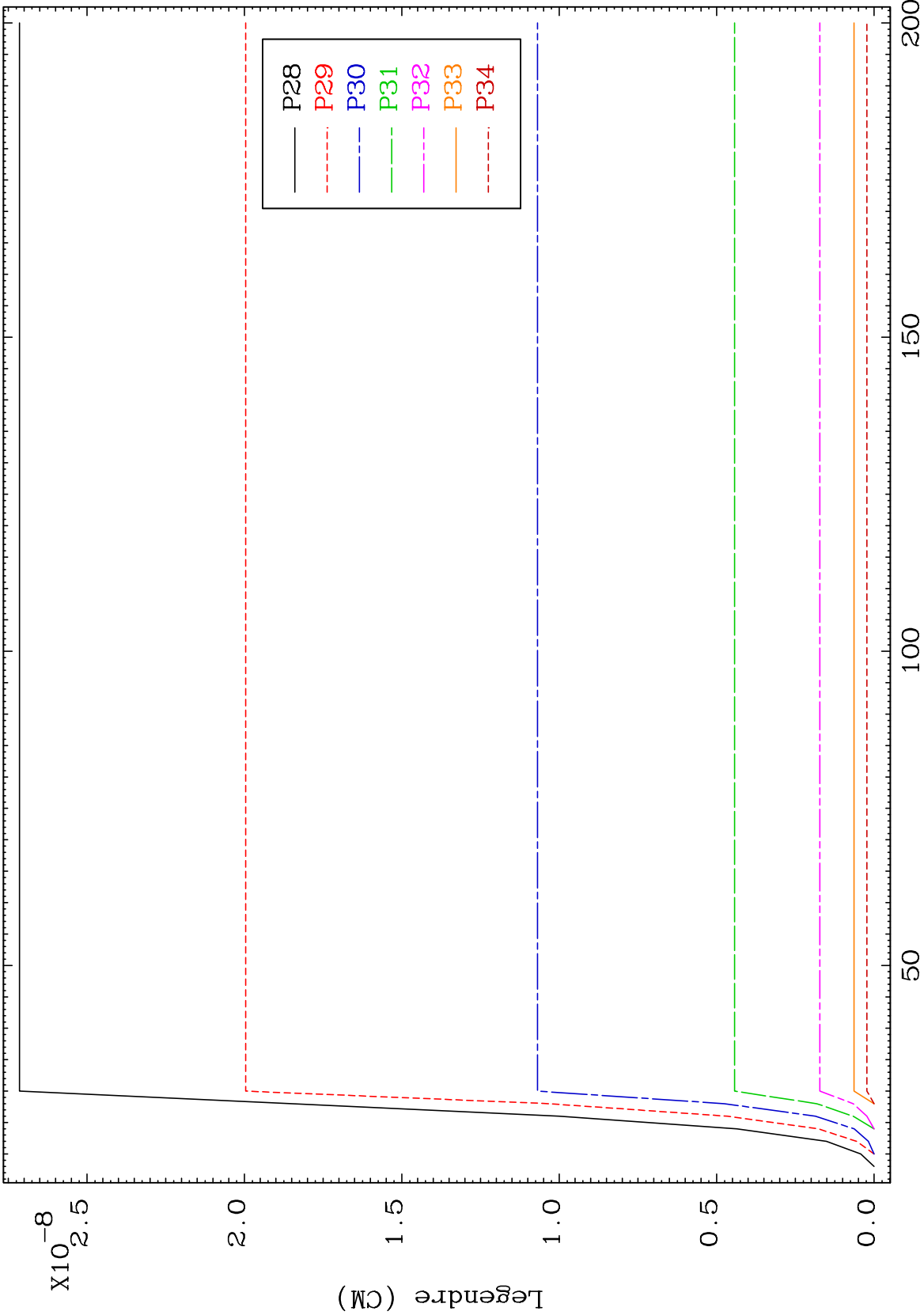
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MAT 6107

MT= 58 (n,n') Level
Legendre Coefficients

61-Pm-133



49

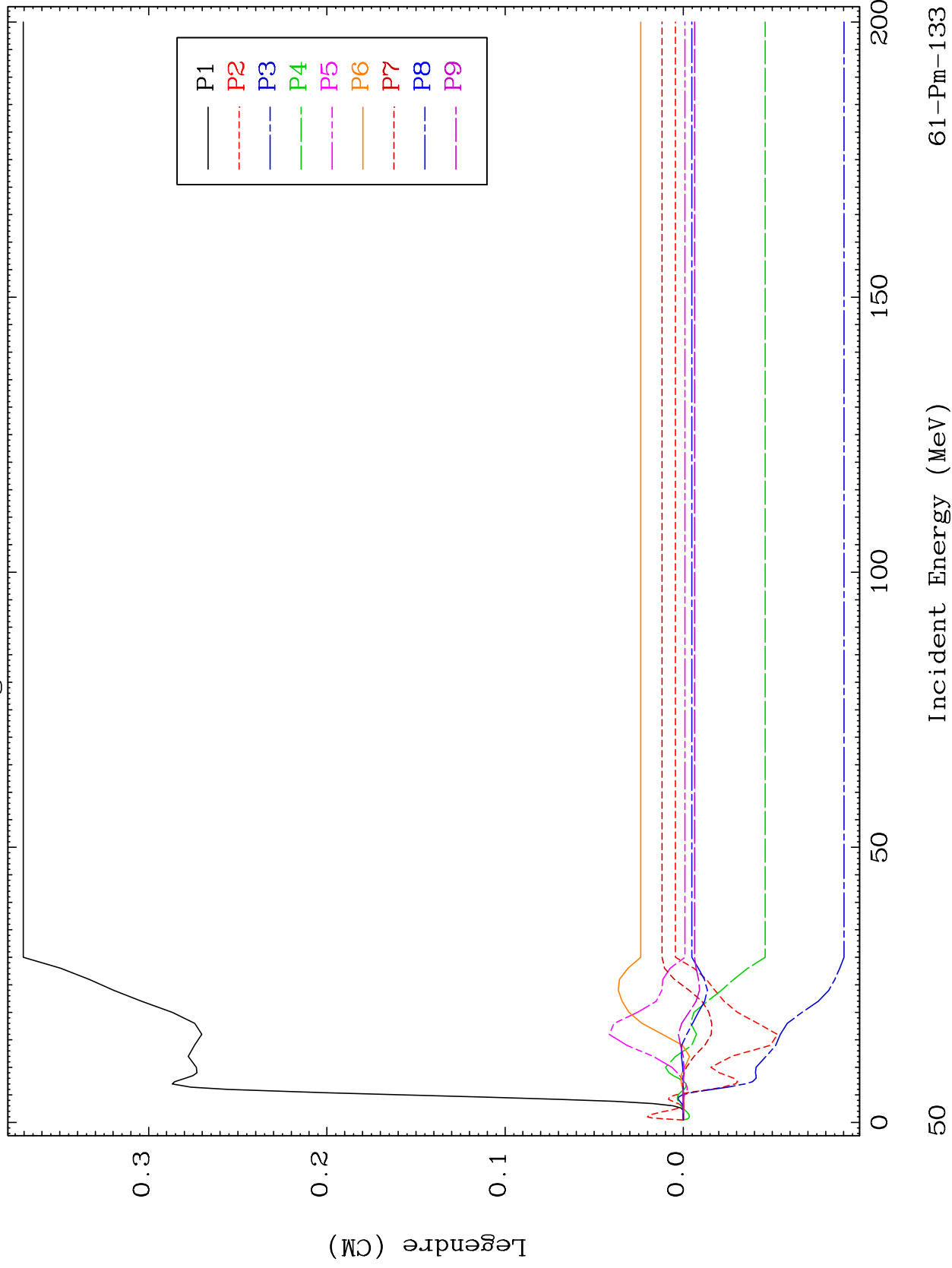
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 59 (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

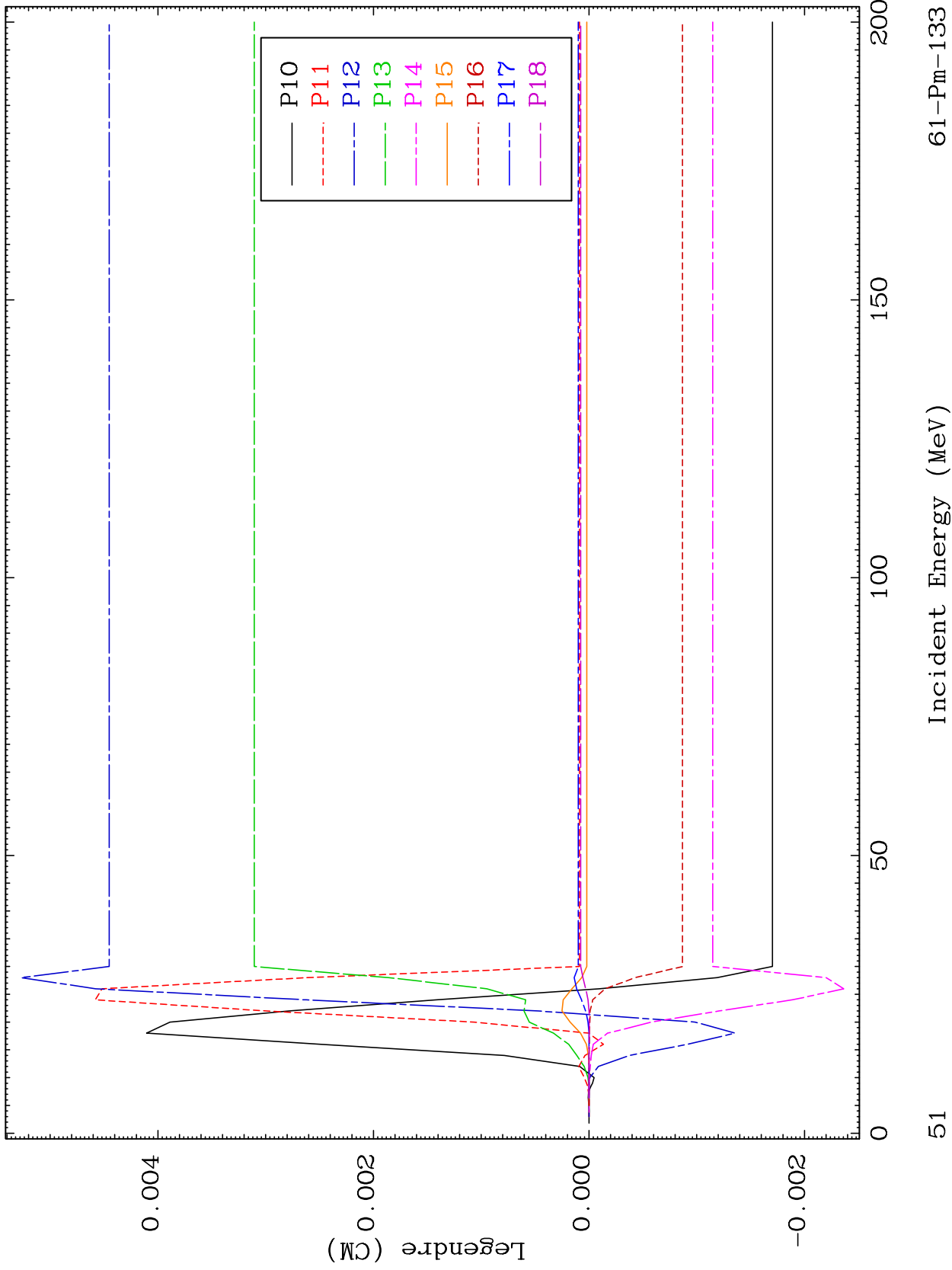
Incident Energy (MeV)

50

MAT 6107

MT= 59 (n,n') Level
Legendre Coefficients

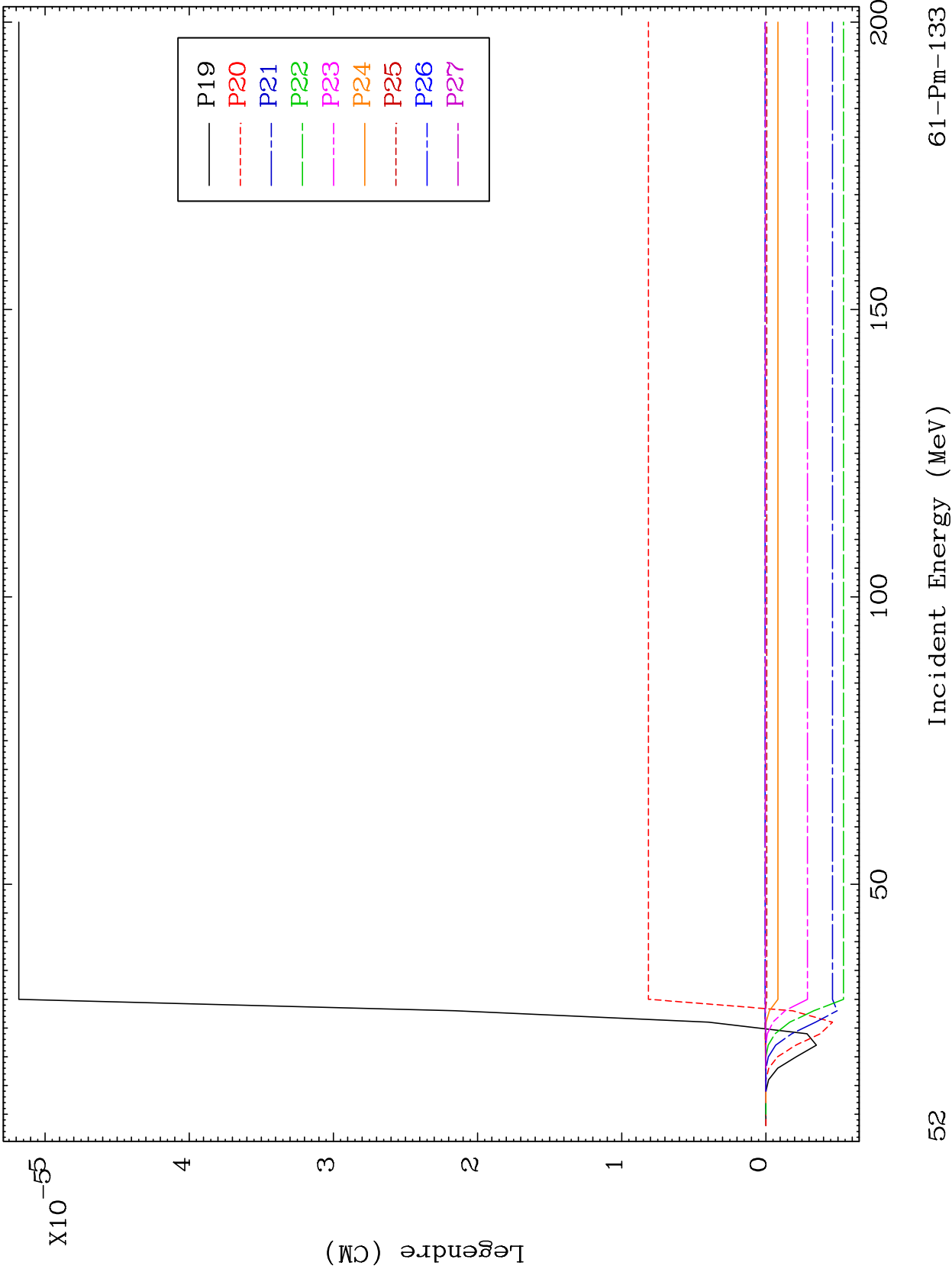
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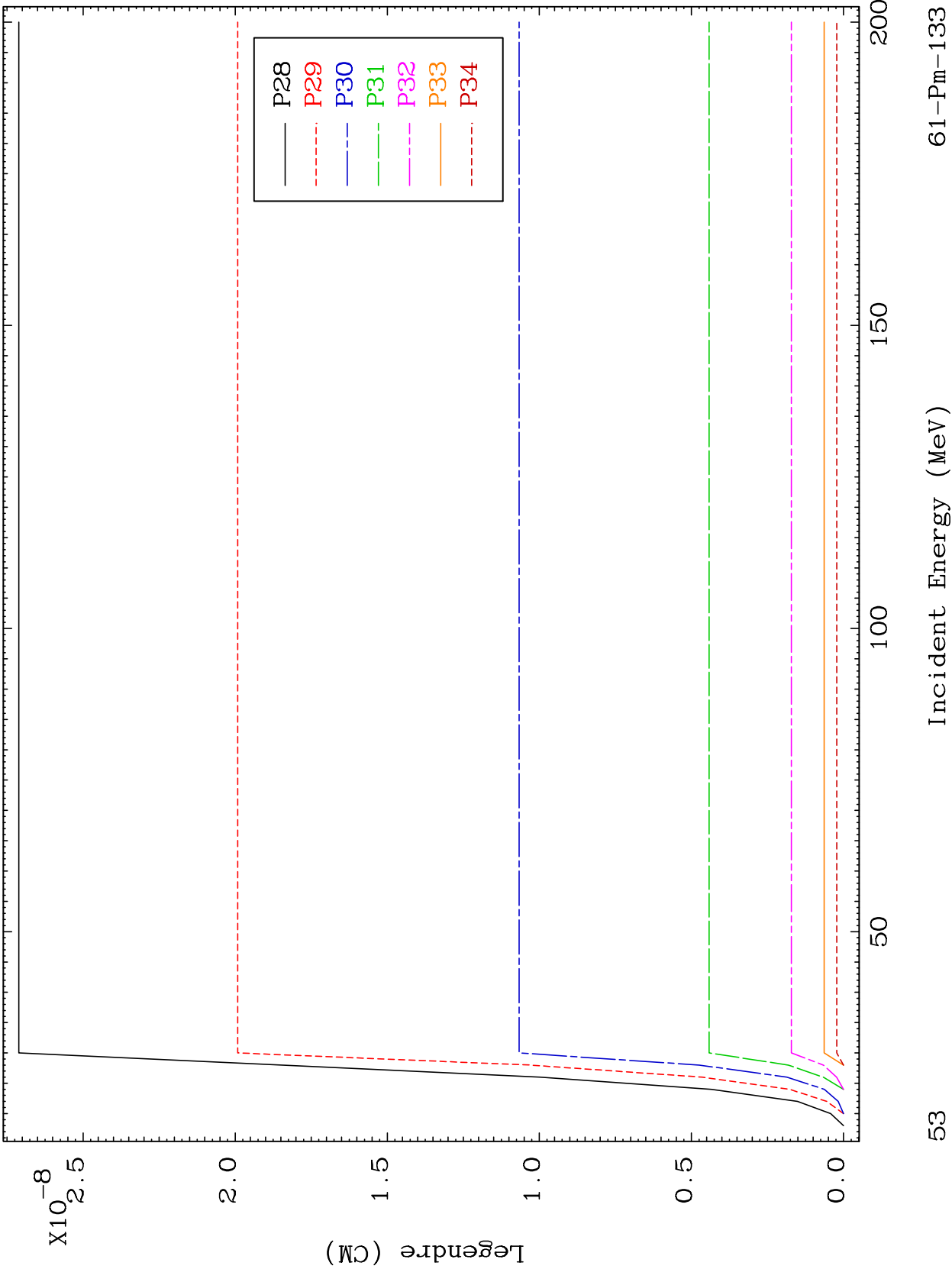


51

Incident Energy (MeV)

61-Pm-133

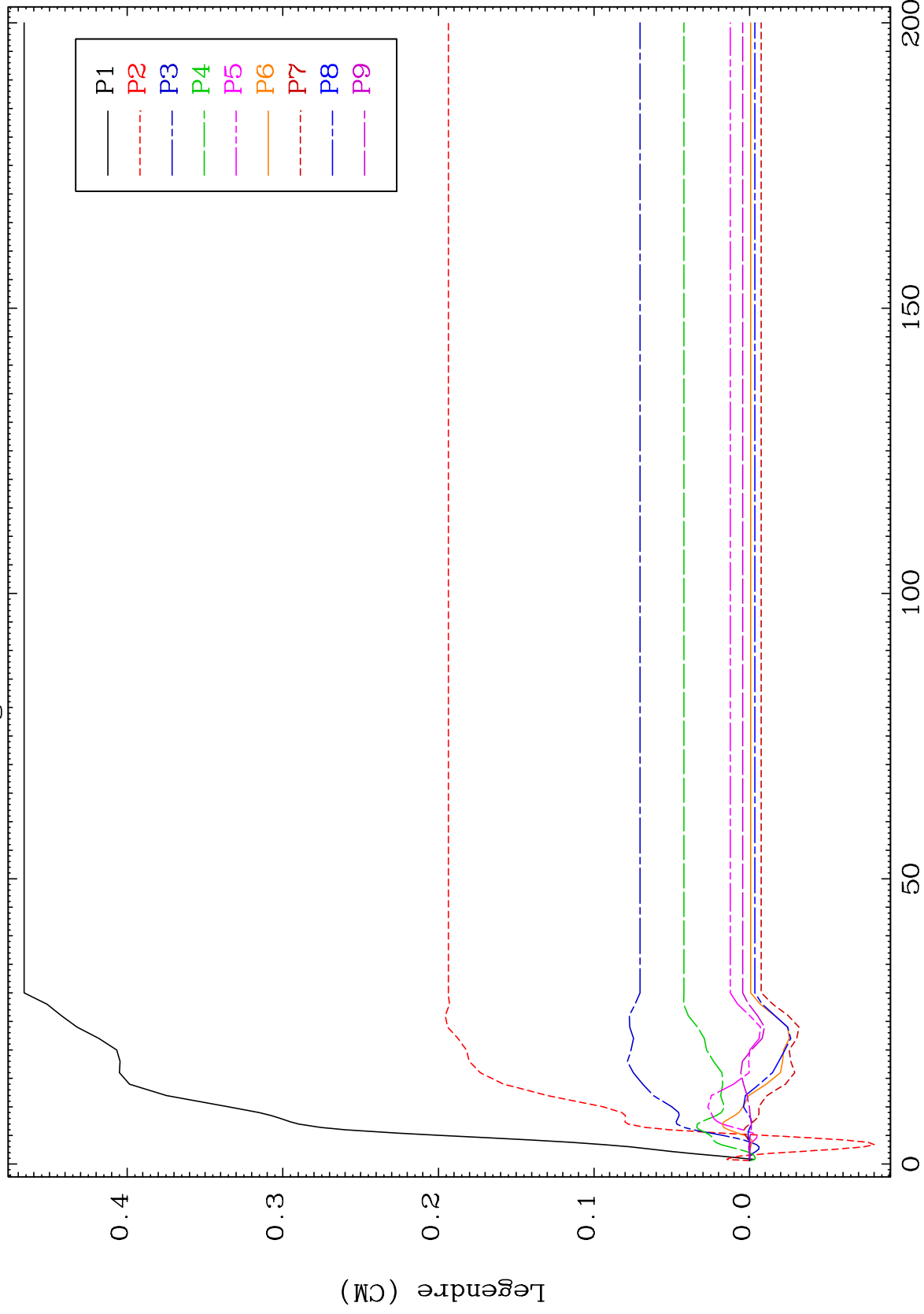




MAT 6107

MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-133



54

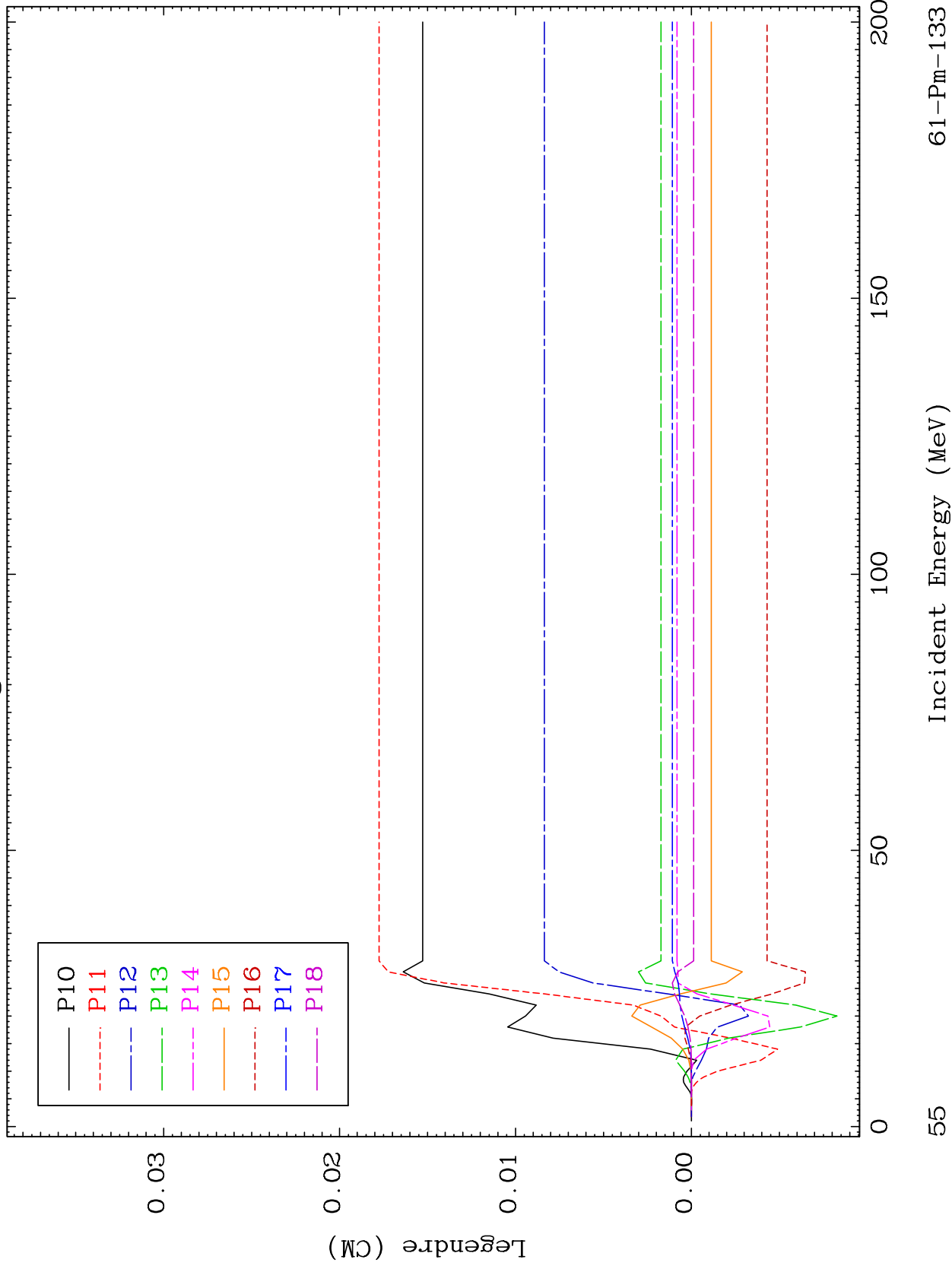
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 60 (n,n') Level
Legendre Coefficients

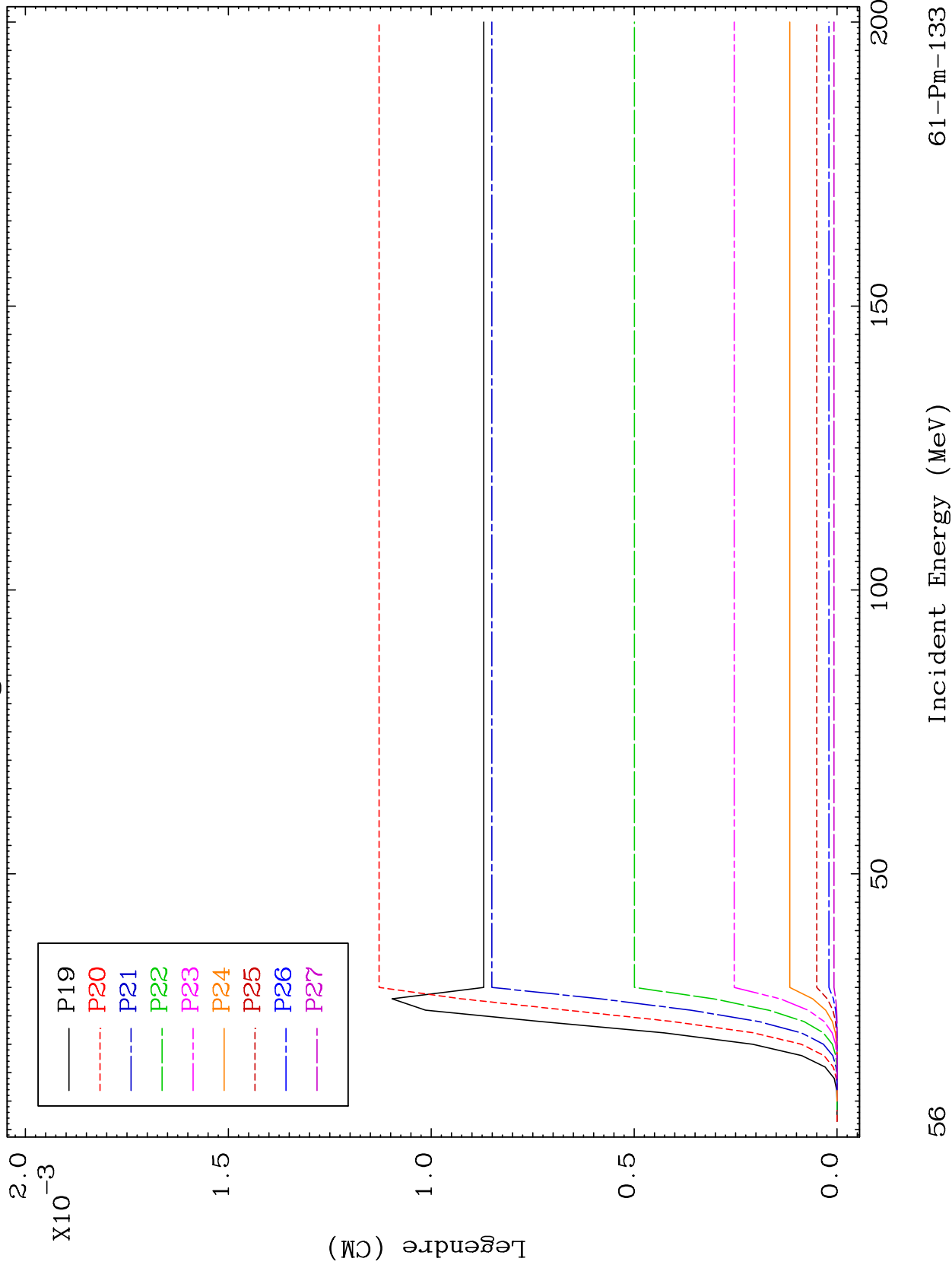
61-Pm-133



61-Pm-133

Incident Energy (MeV)

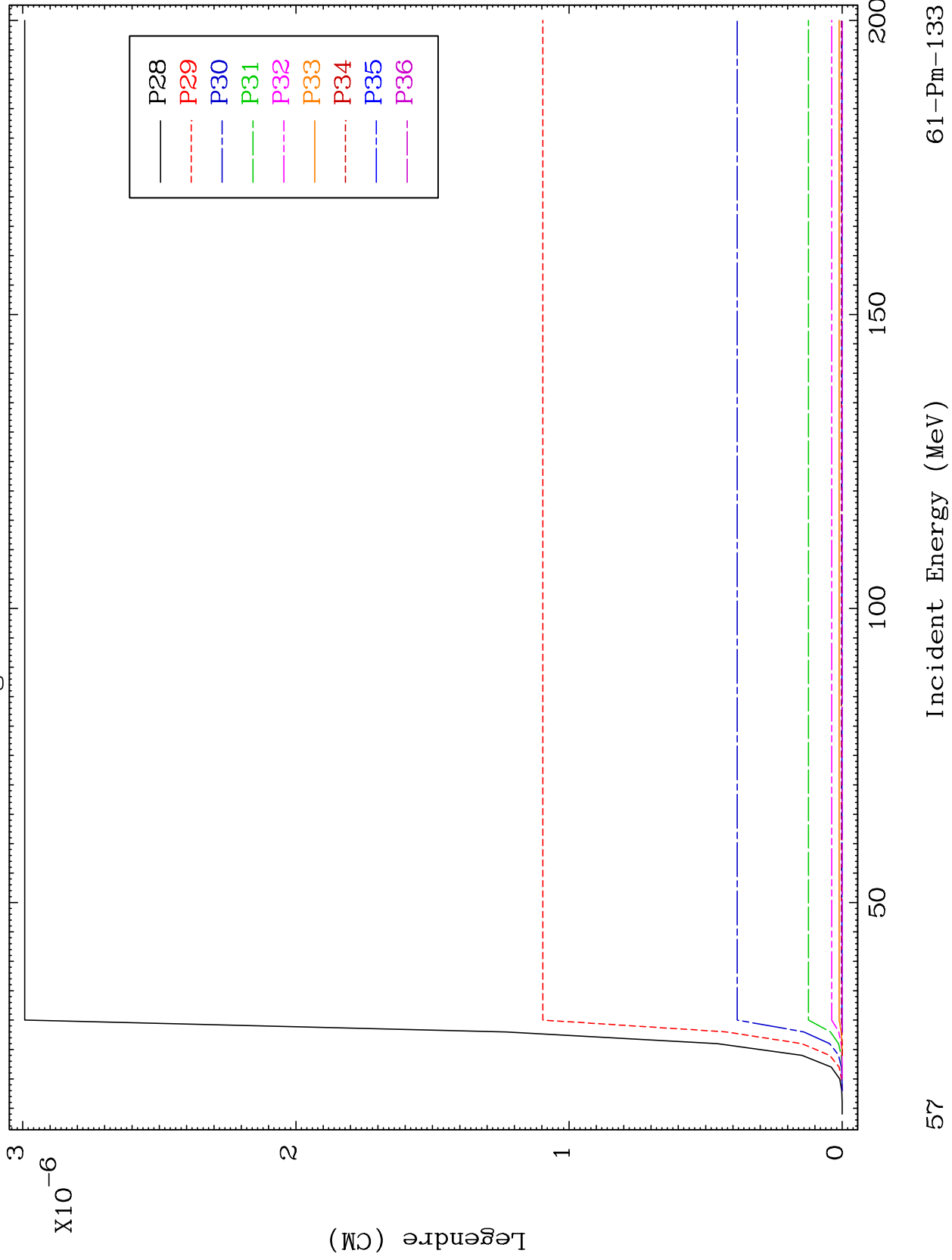
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MAT 6107

MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-133



57

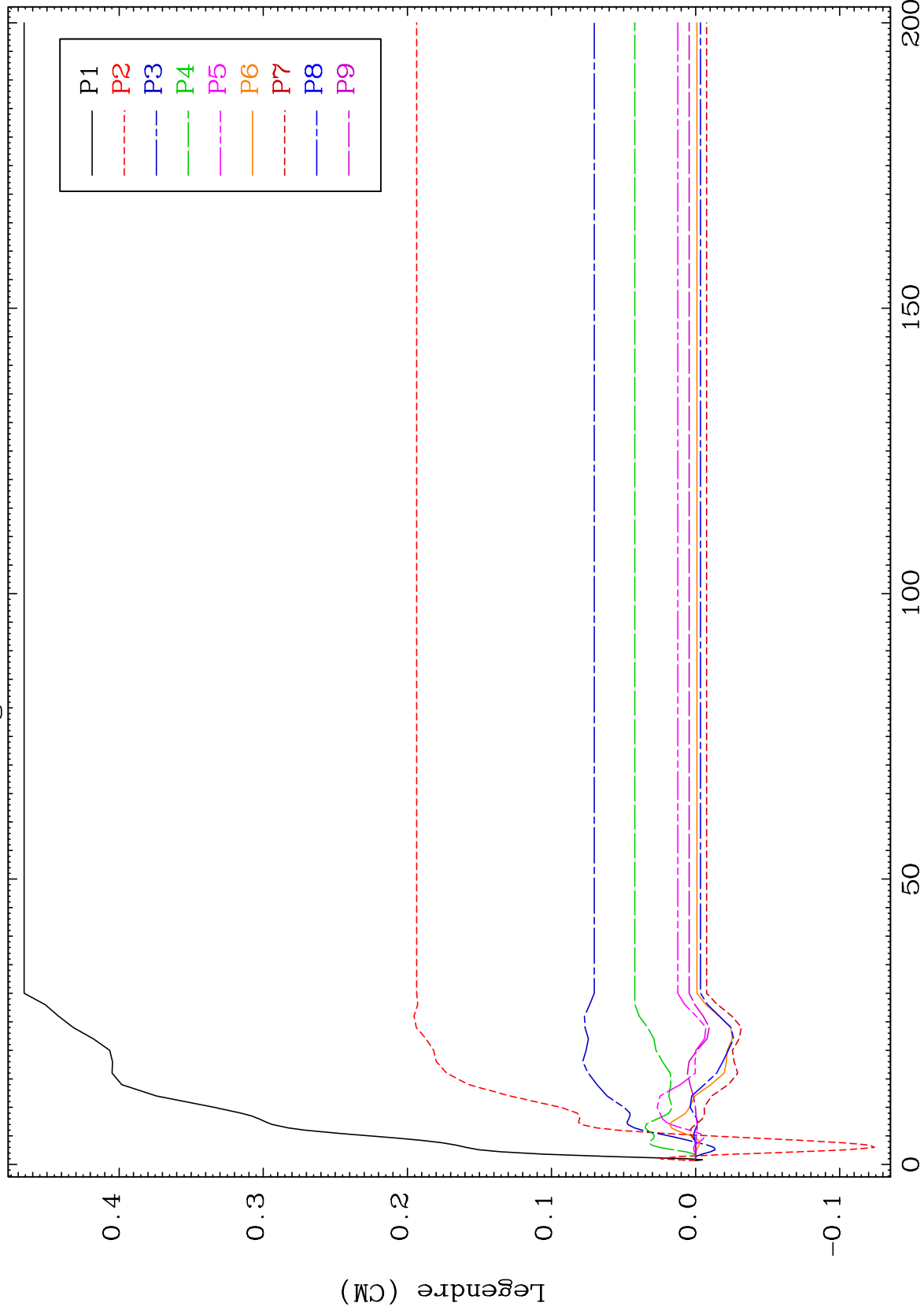
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 61 (n,n') Level
Legendre Coefficients

61-Pm-133



58

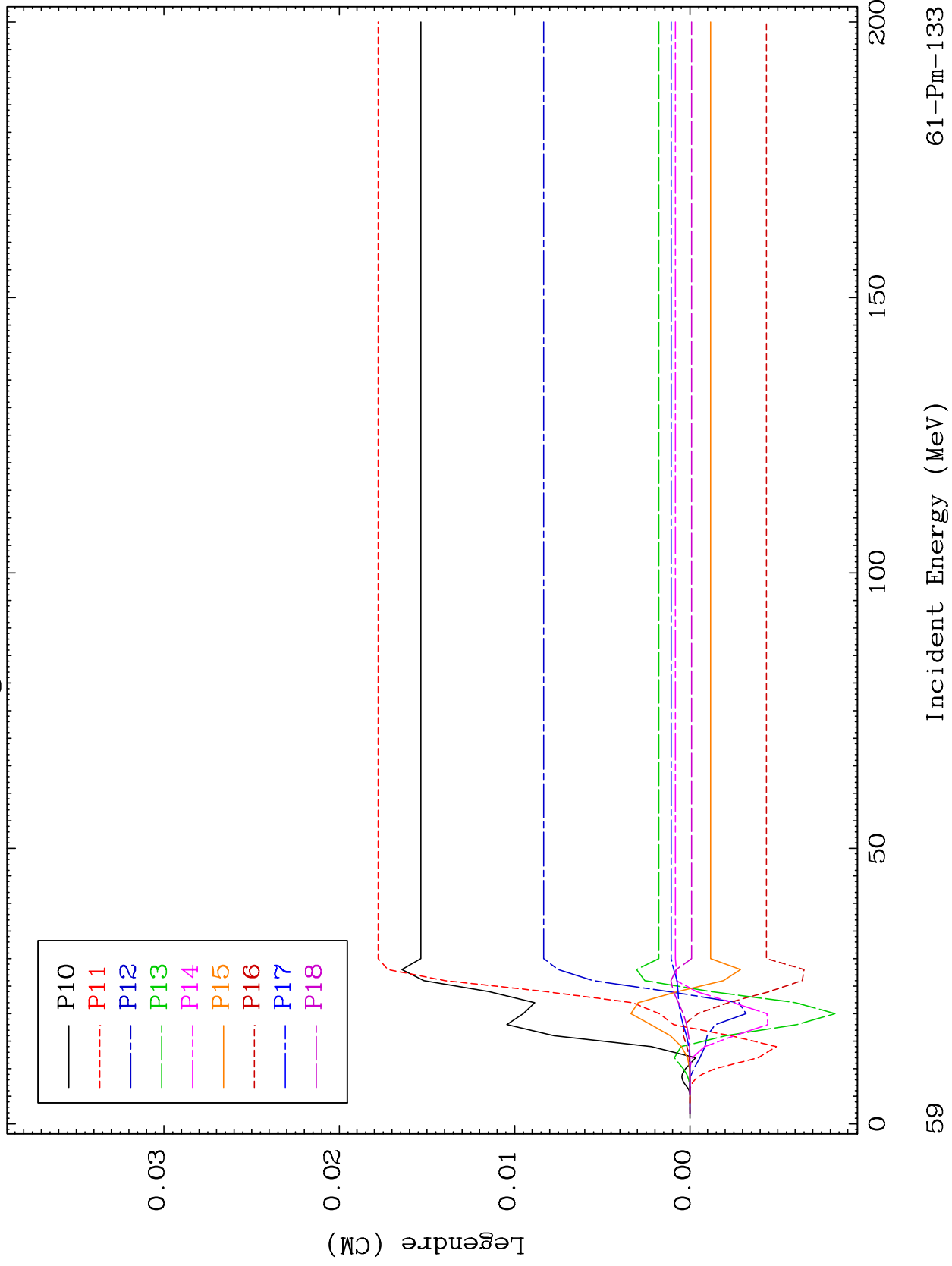
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 61 (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

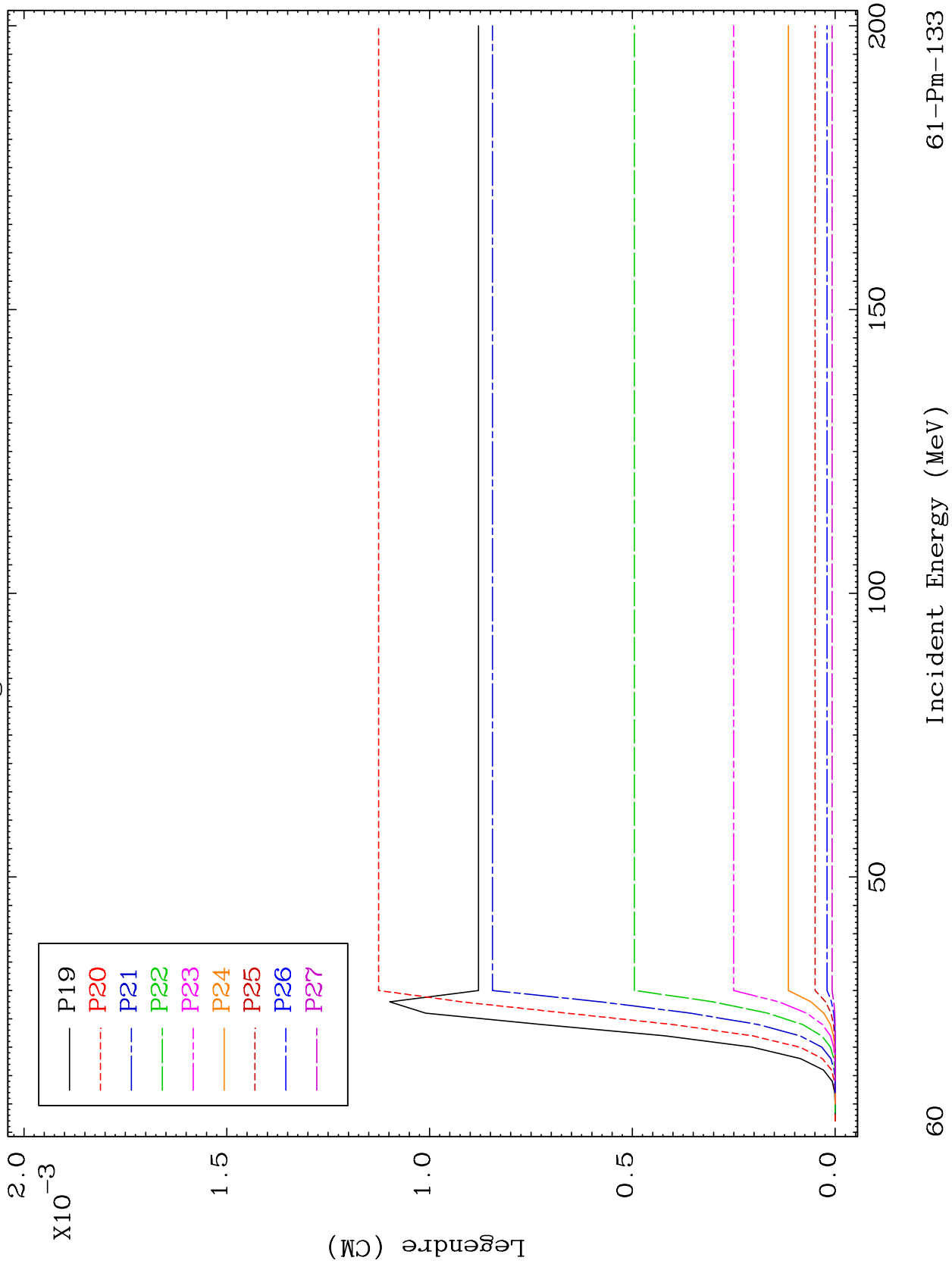
Incident Energy (MeV)

59

MAT 6107

MT= 61 (n,n') Level
Legendre Coefficients

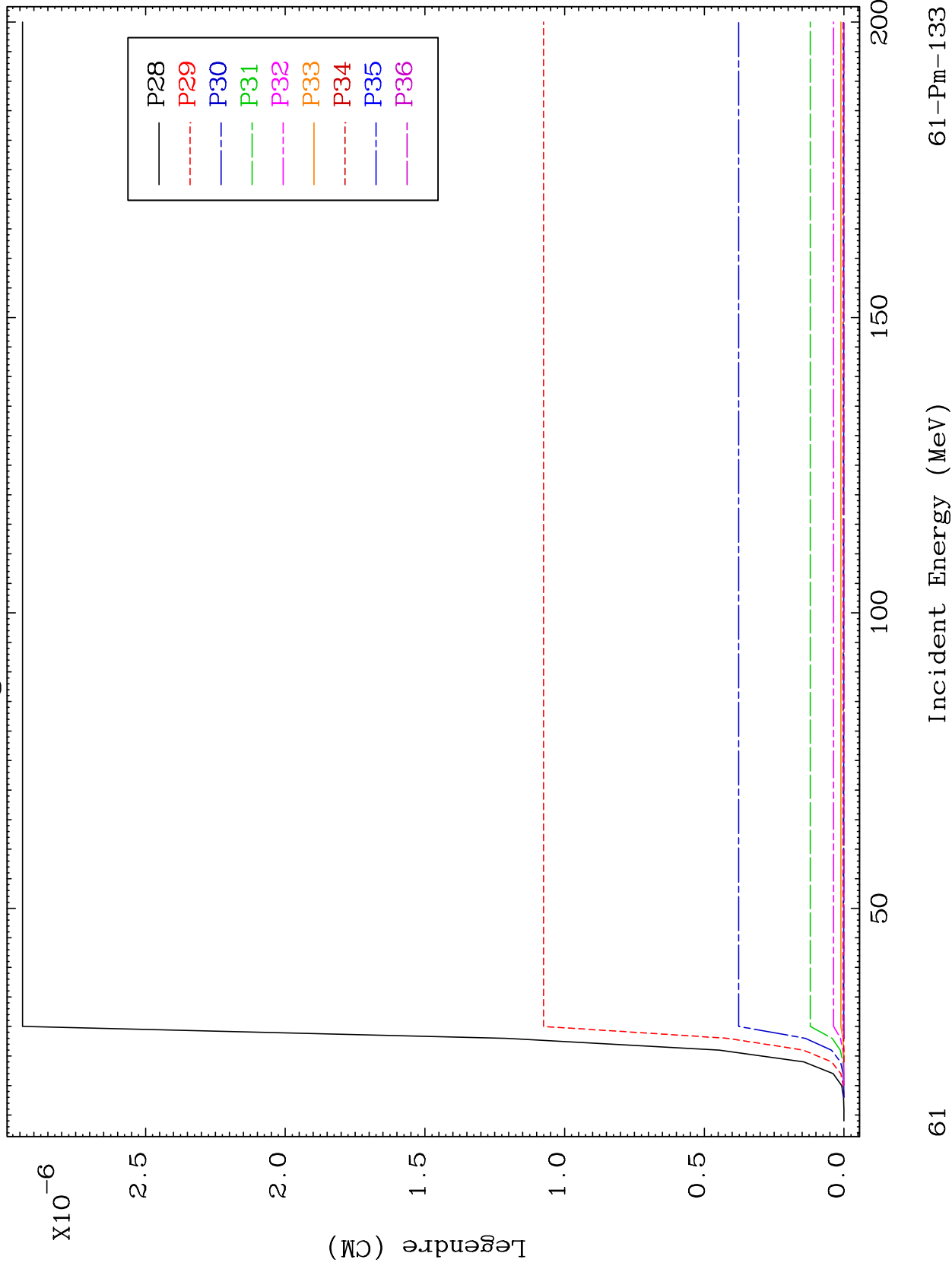
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MAT 6107

MT= 61 (n,n') Level
Legendre Coefficients

61-Pm-133

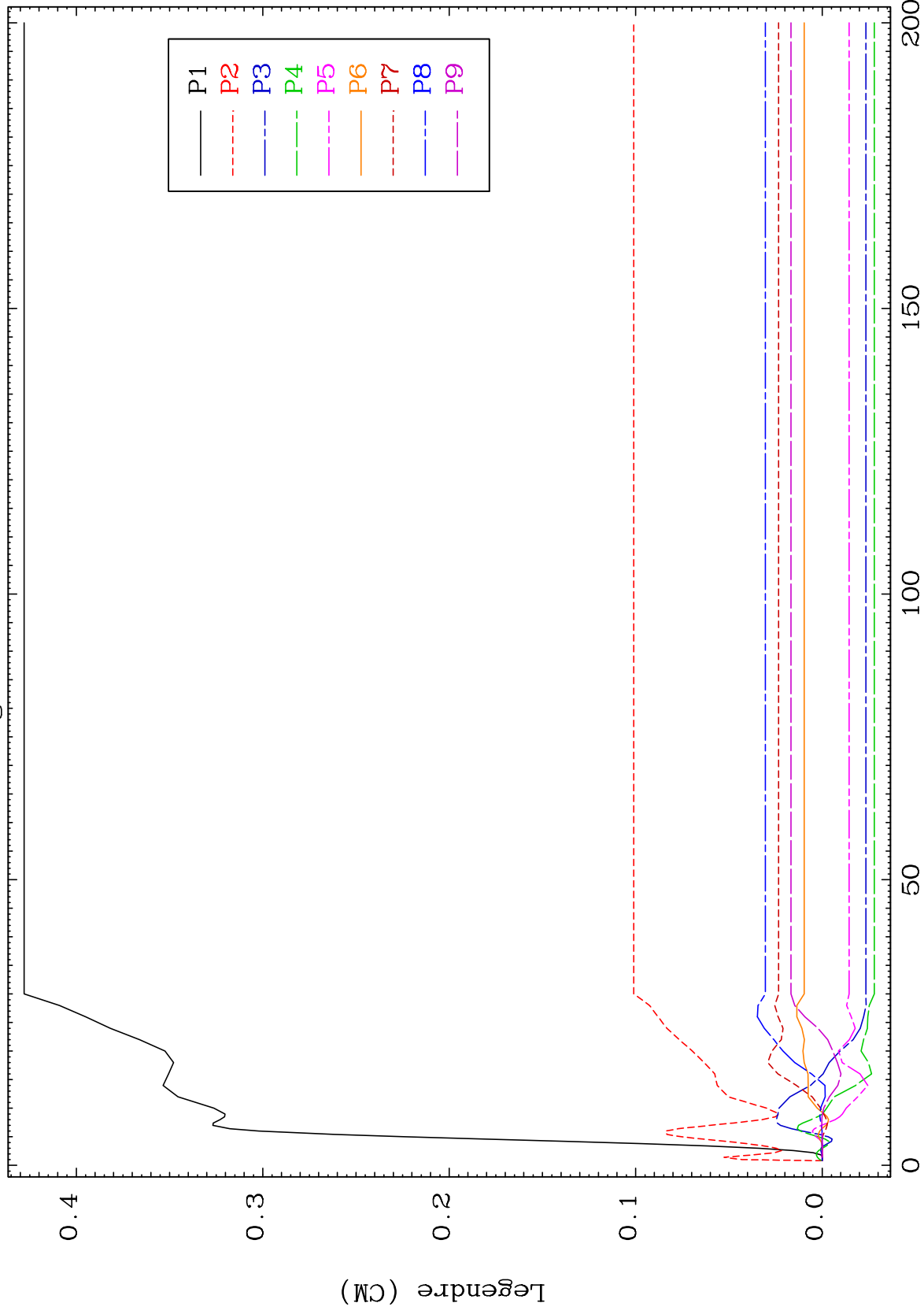


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MAT 6107

MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-133



62

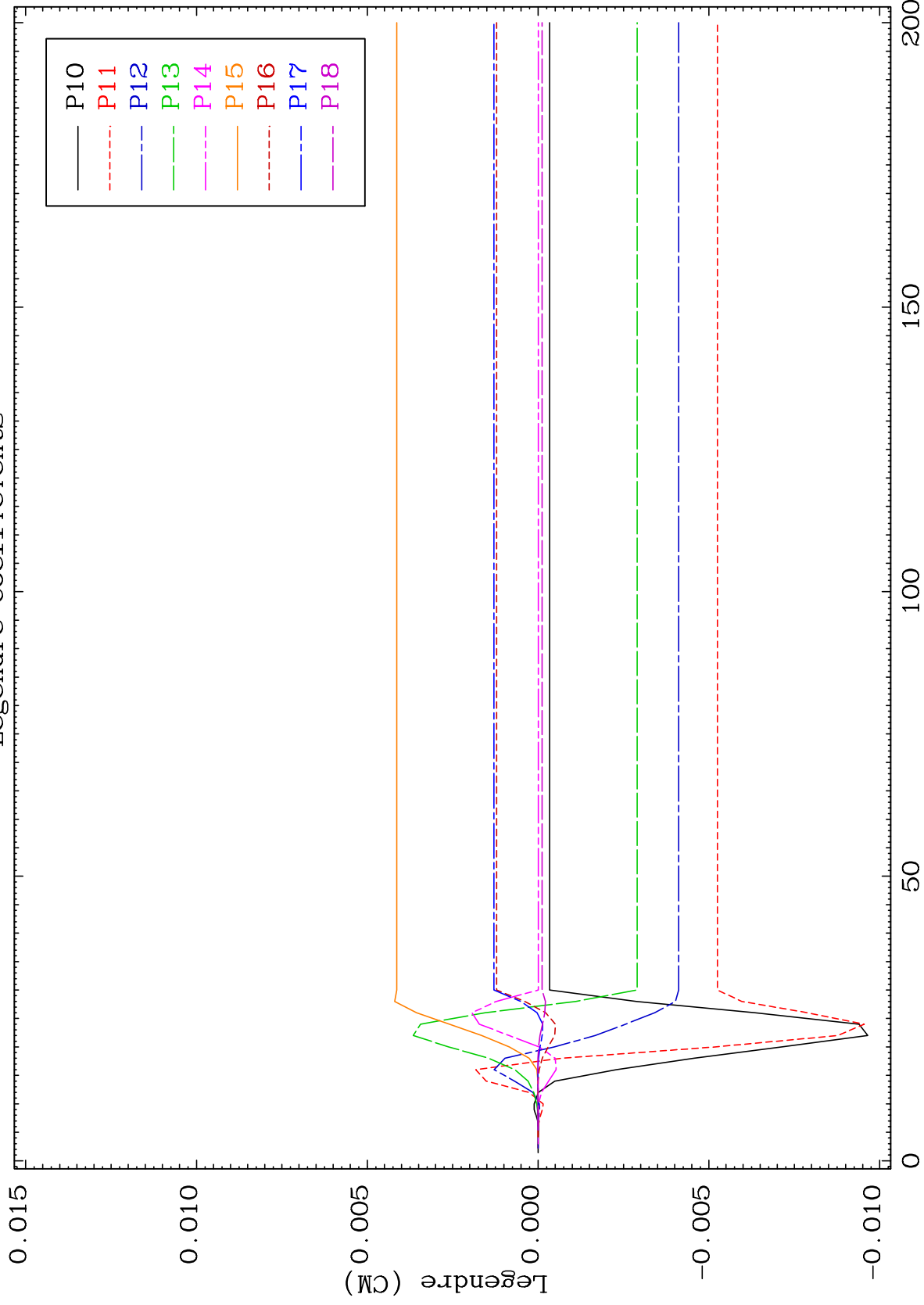
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-133



63

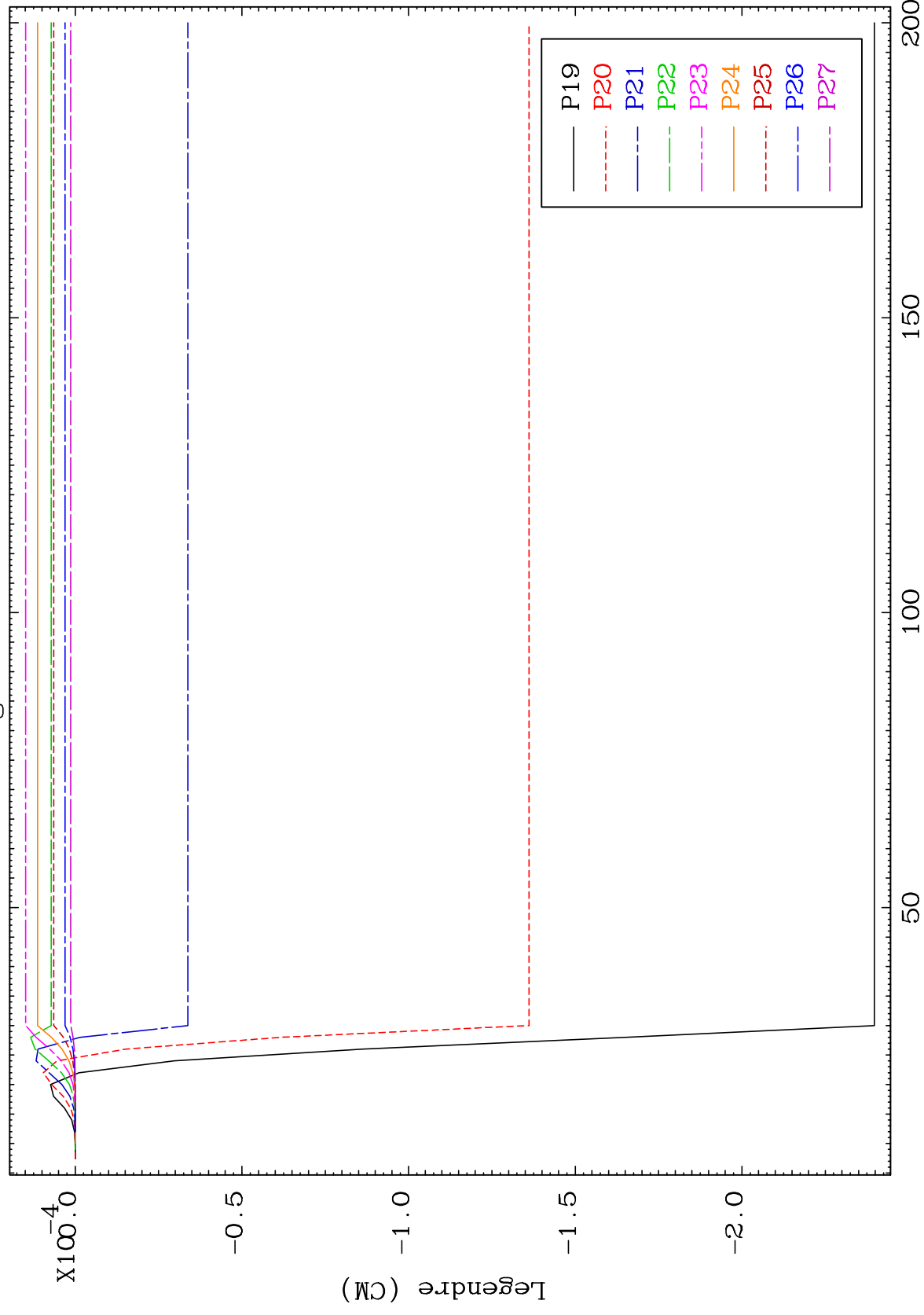
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-133



64

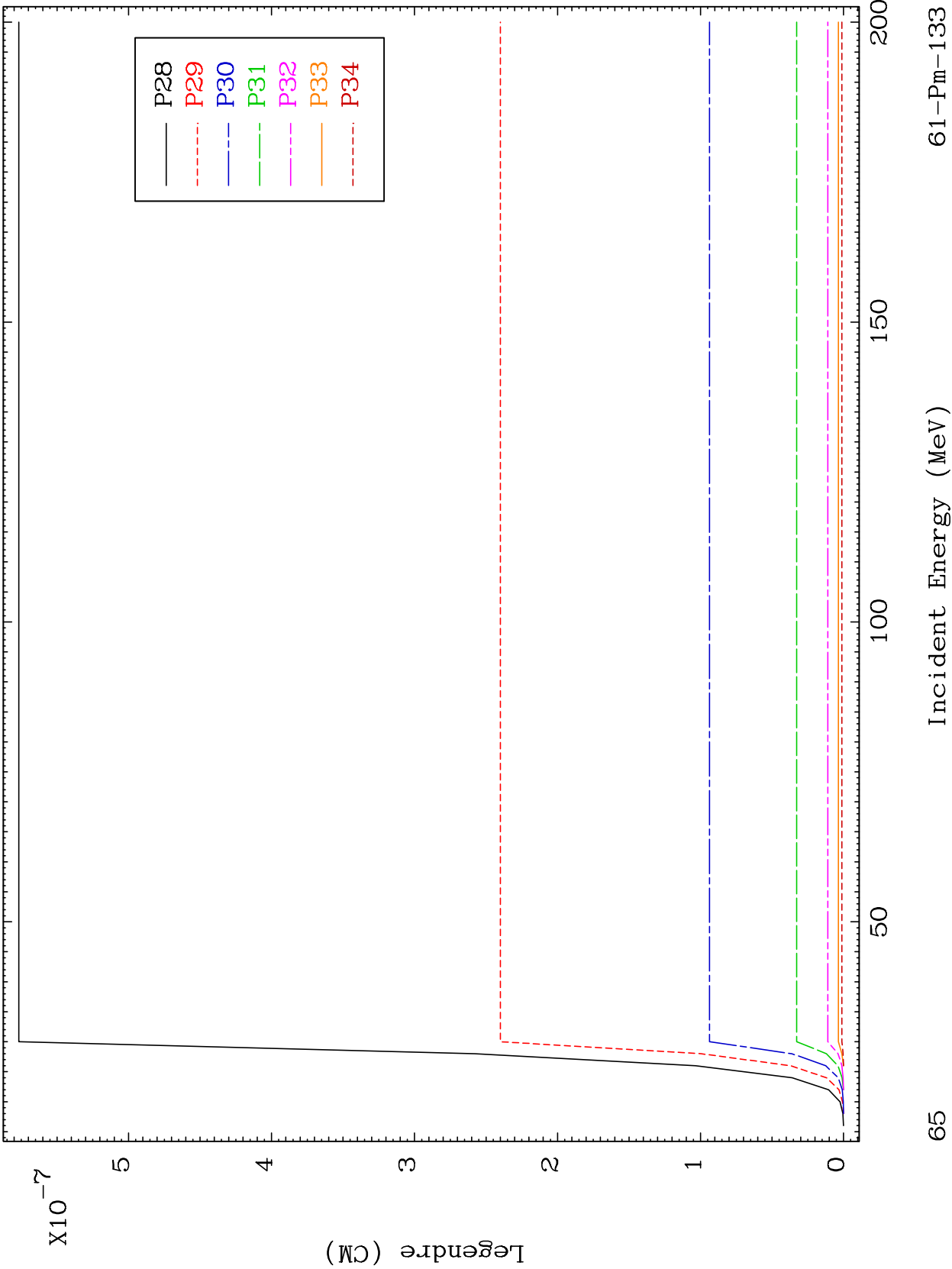
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-133



65

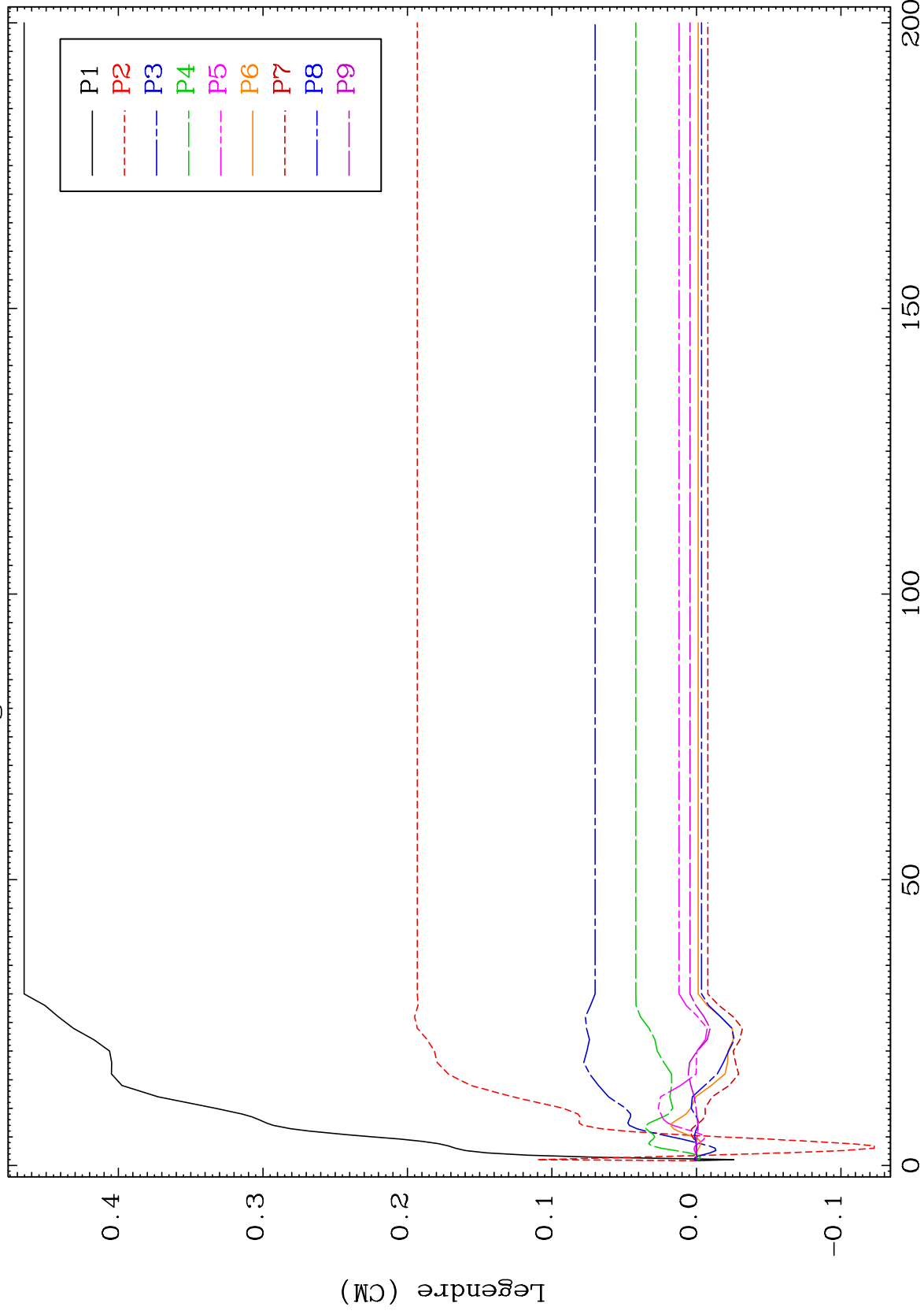
Incident Energy (MeV)

61-Pm-133

MAT 6107

MT= 63 (n,n') Level
Legendre Coefficients

61-Pm-133



Incident Energy (MeV)

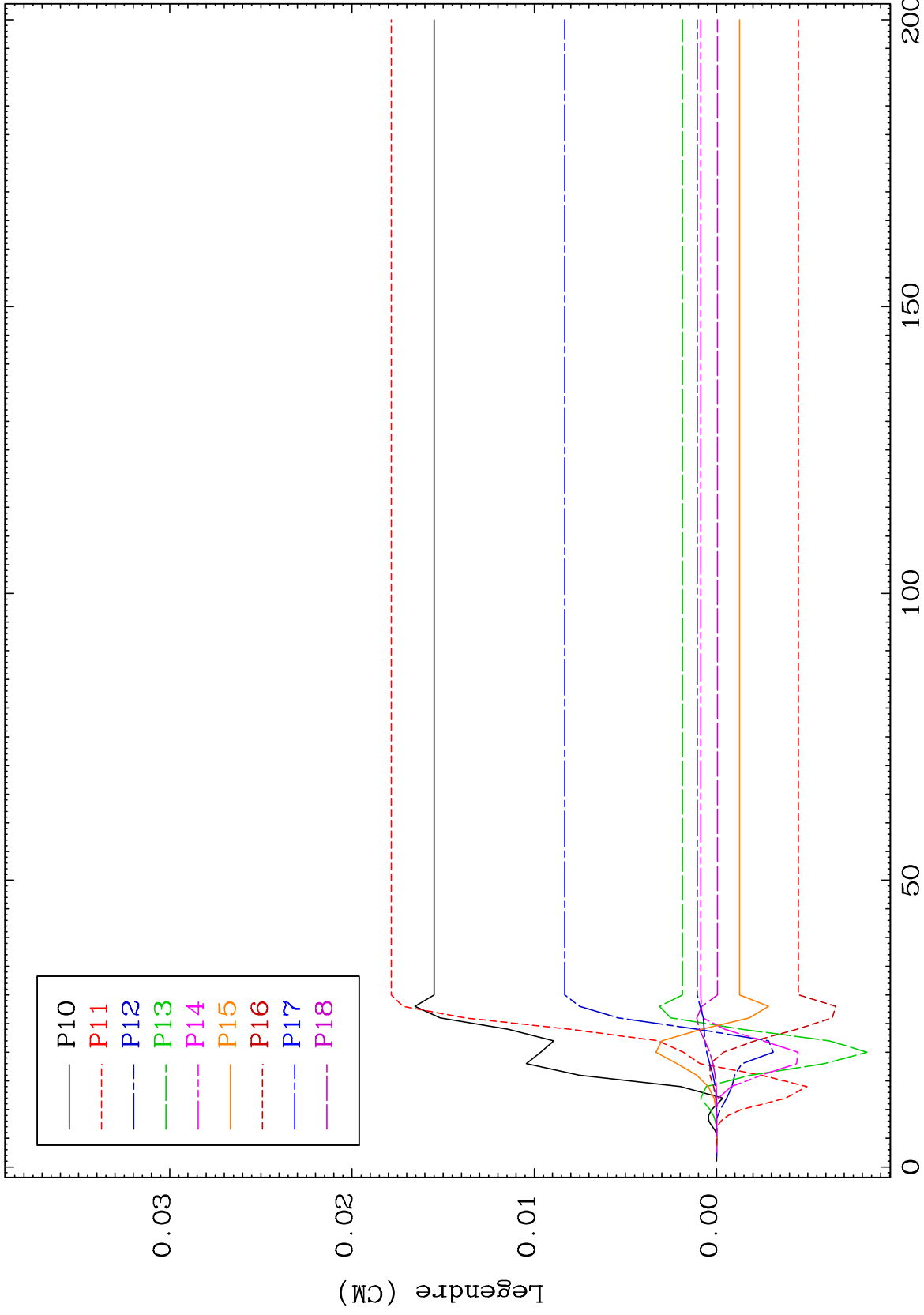
61-Pm-133

66

MAT 6107

MT= 63 (n,n') Level
Legendre Coefficients

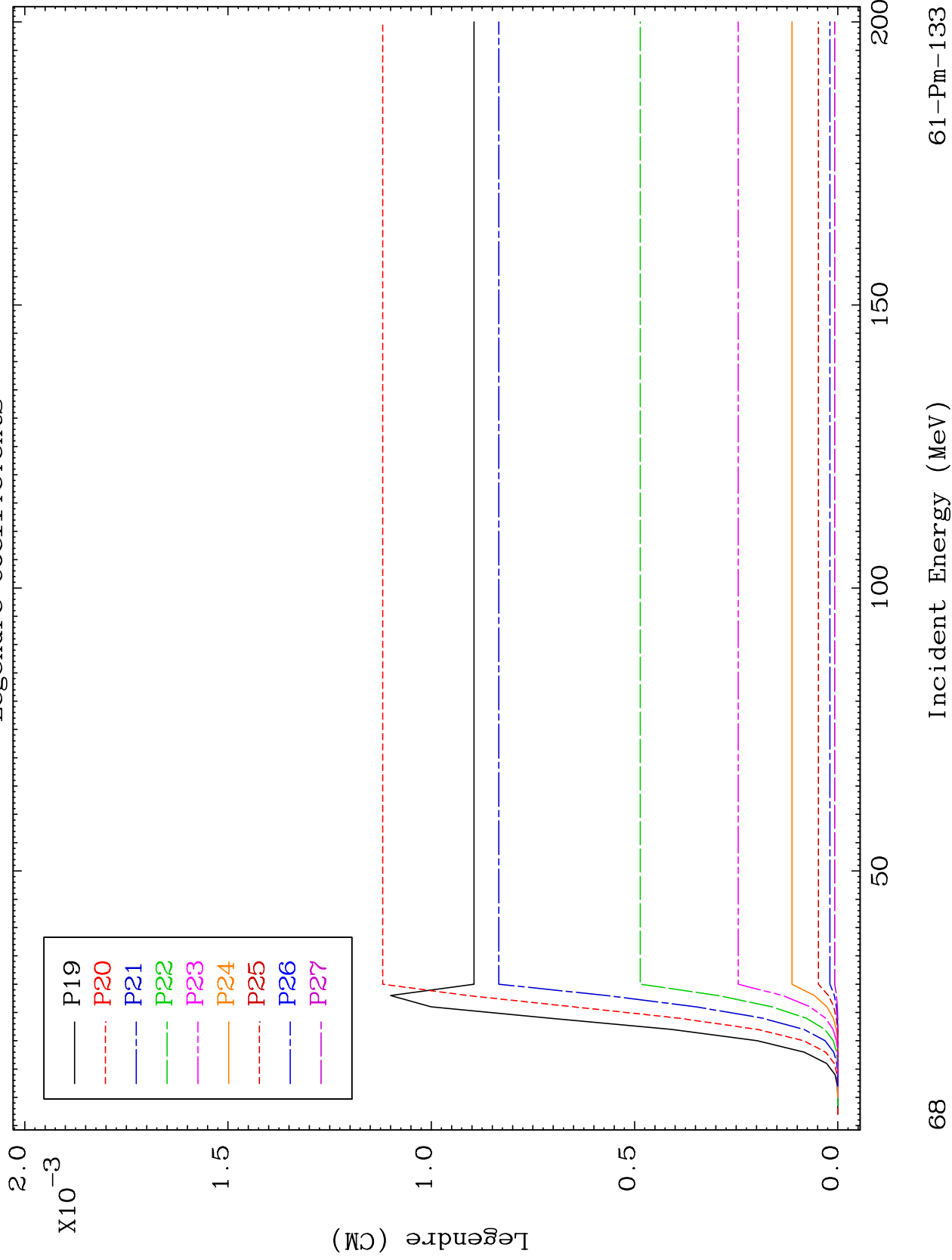
61-Pm-133



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Incident Energy (MeV)

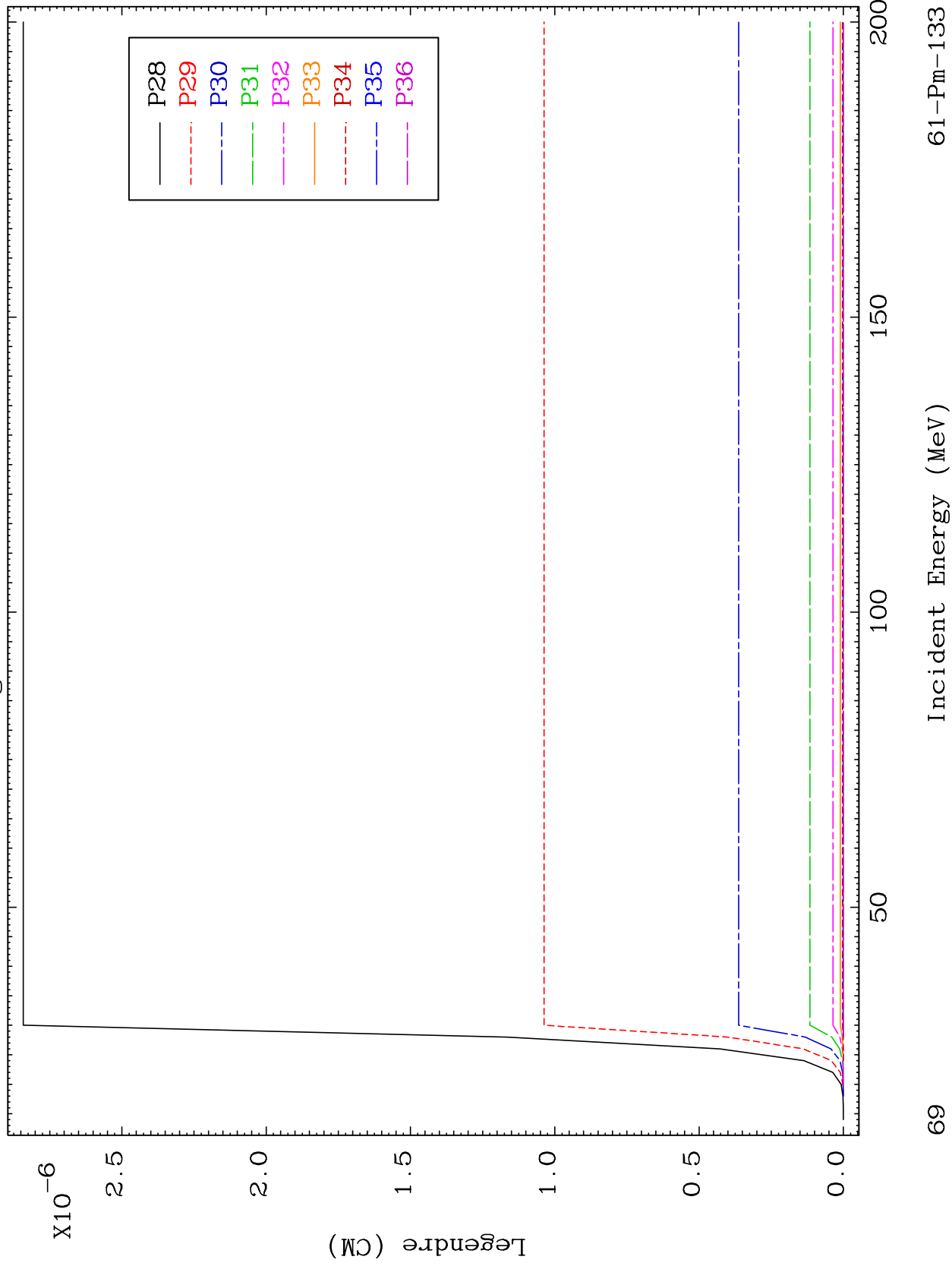
61-Pm-133



MAT 6107

MT= 63 (n,n') Level
Legendre Coefficients

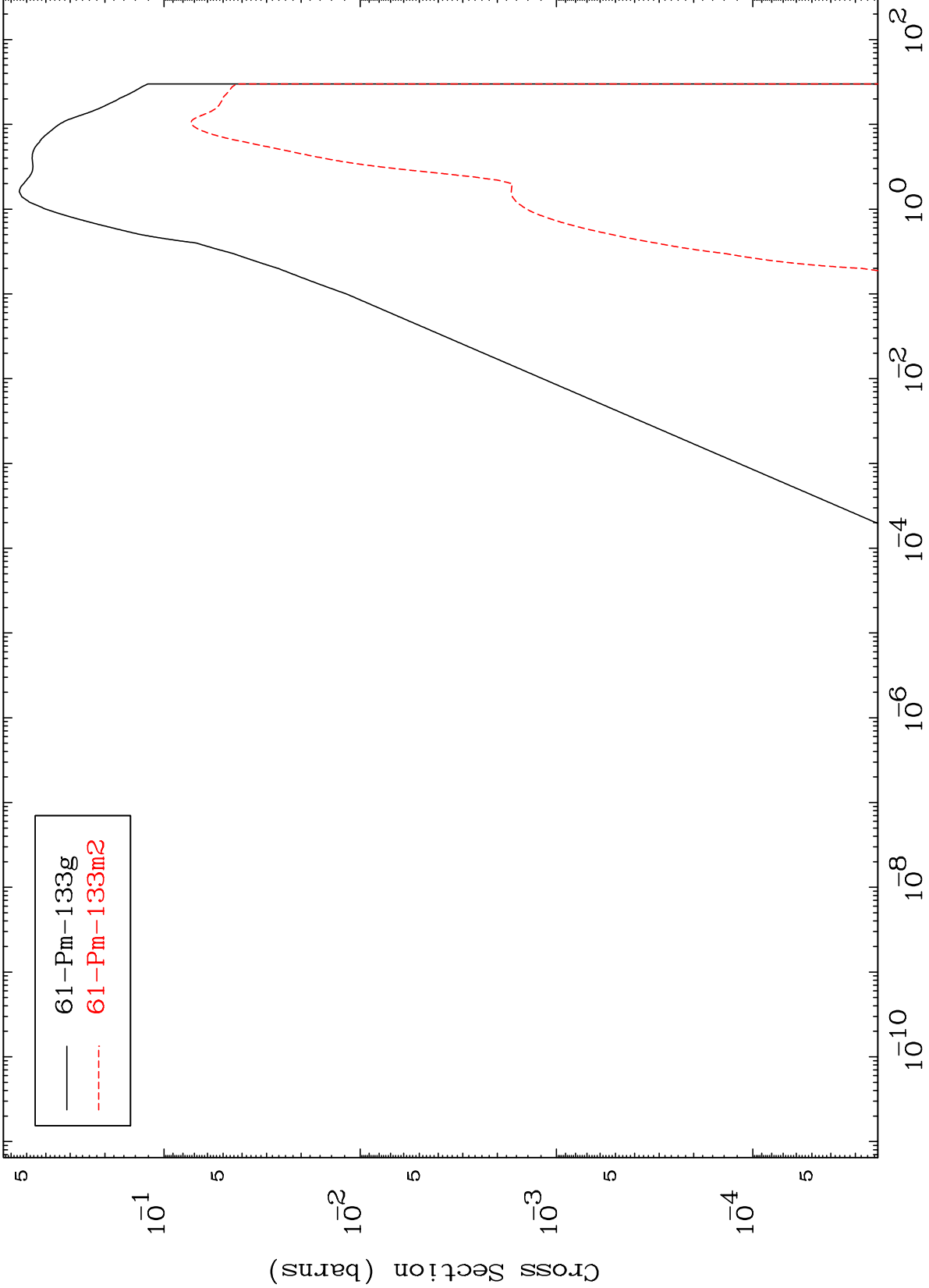
61-Pm-133



MAT 6107

Inelastic
Radionuclide Production Cross Section

61-Pm-133



61-Pm-133g
61-Pm-133m2

70

Incident Energy (MeV)

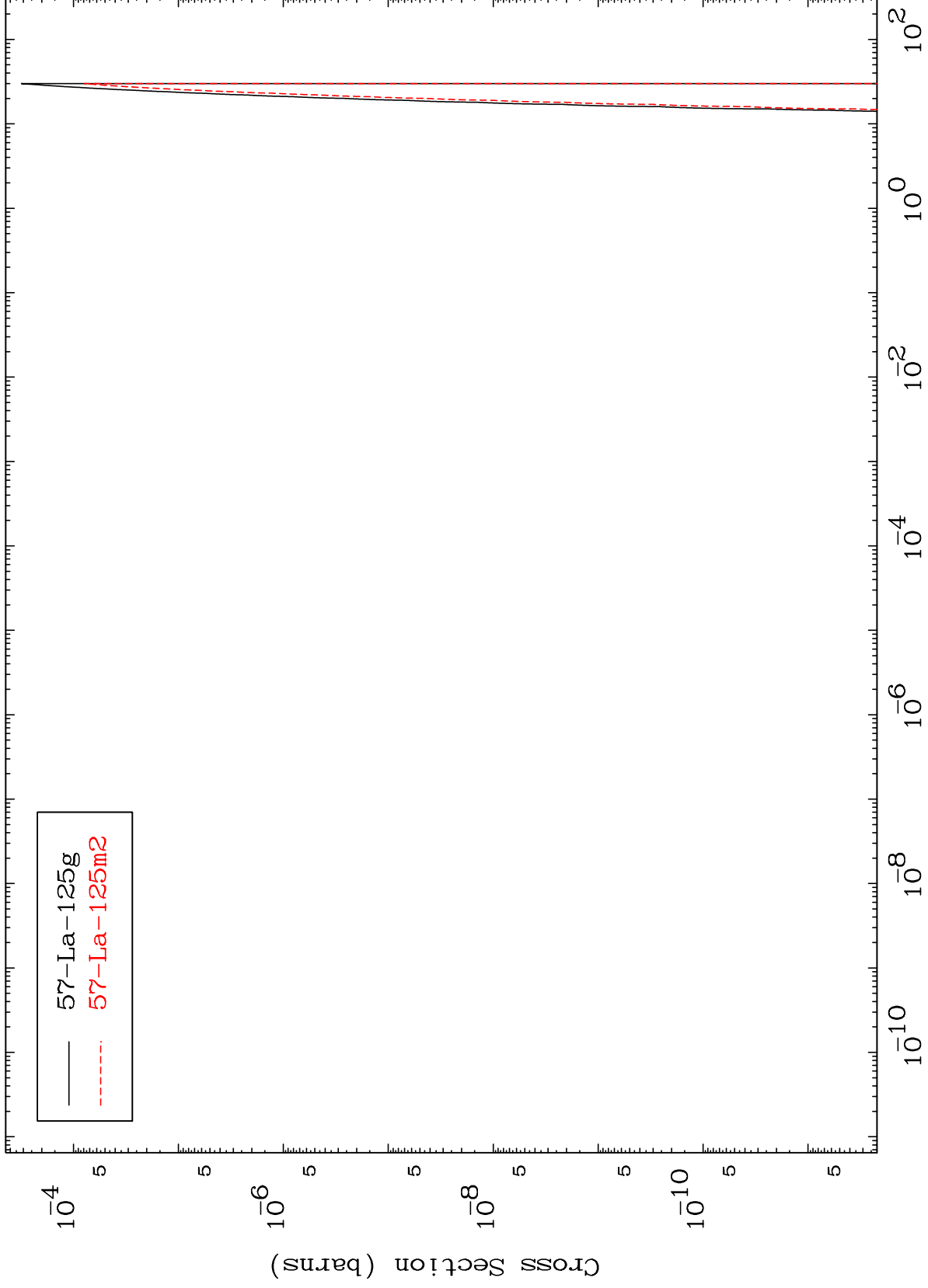
61-Pm-133

MAT 6107

(n,n') 2α

61-Pm-133

Radionuclide Production Cross Section



71

Incident Energy (MeV)

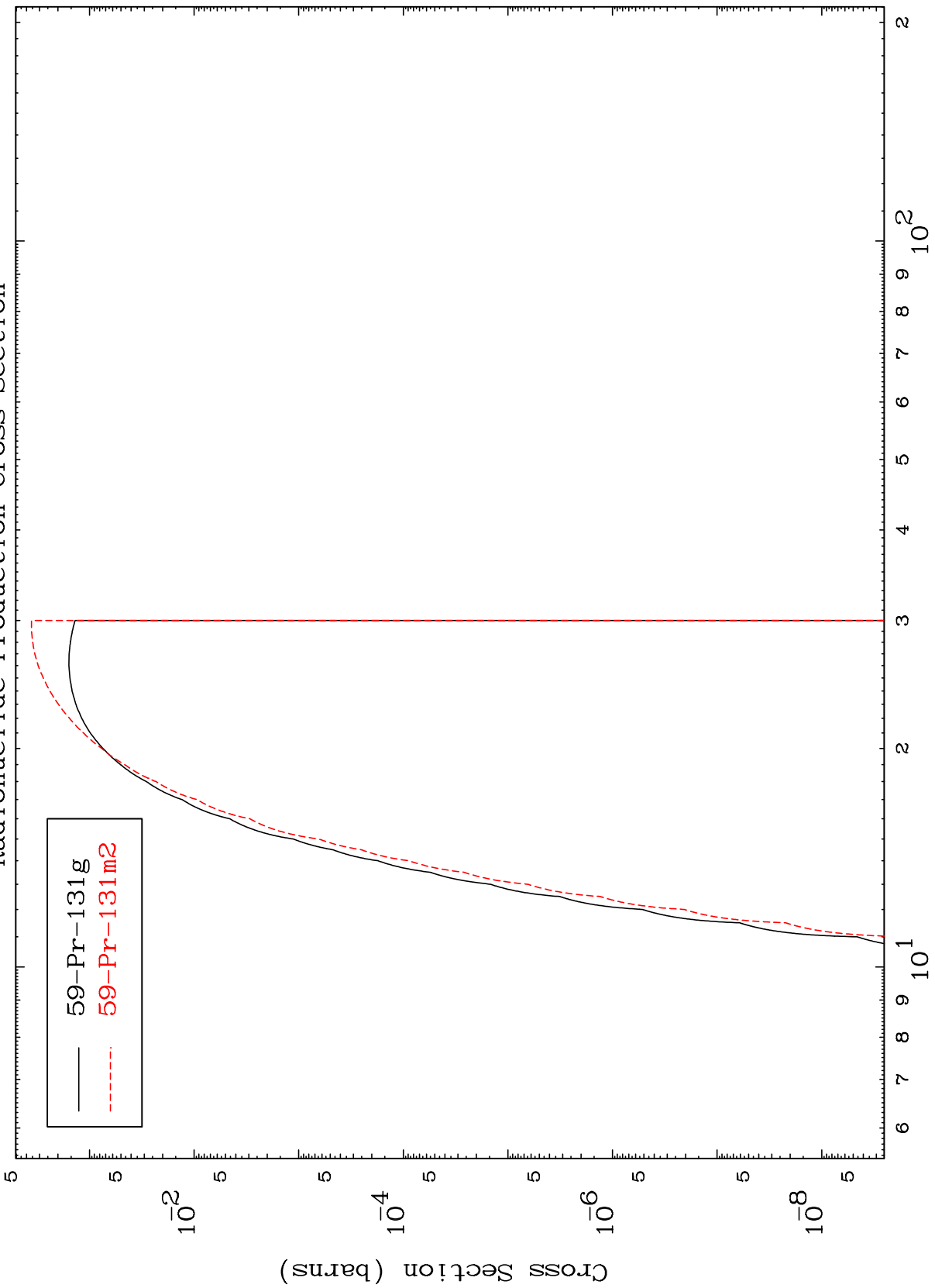
61-Pm-133

MAT 6107

(n,2n) p

61-Pm-133

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

72

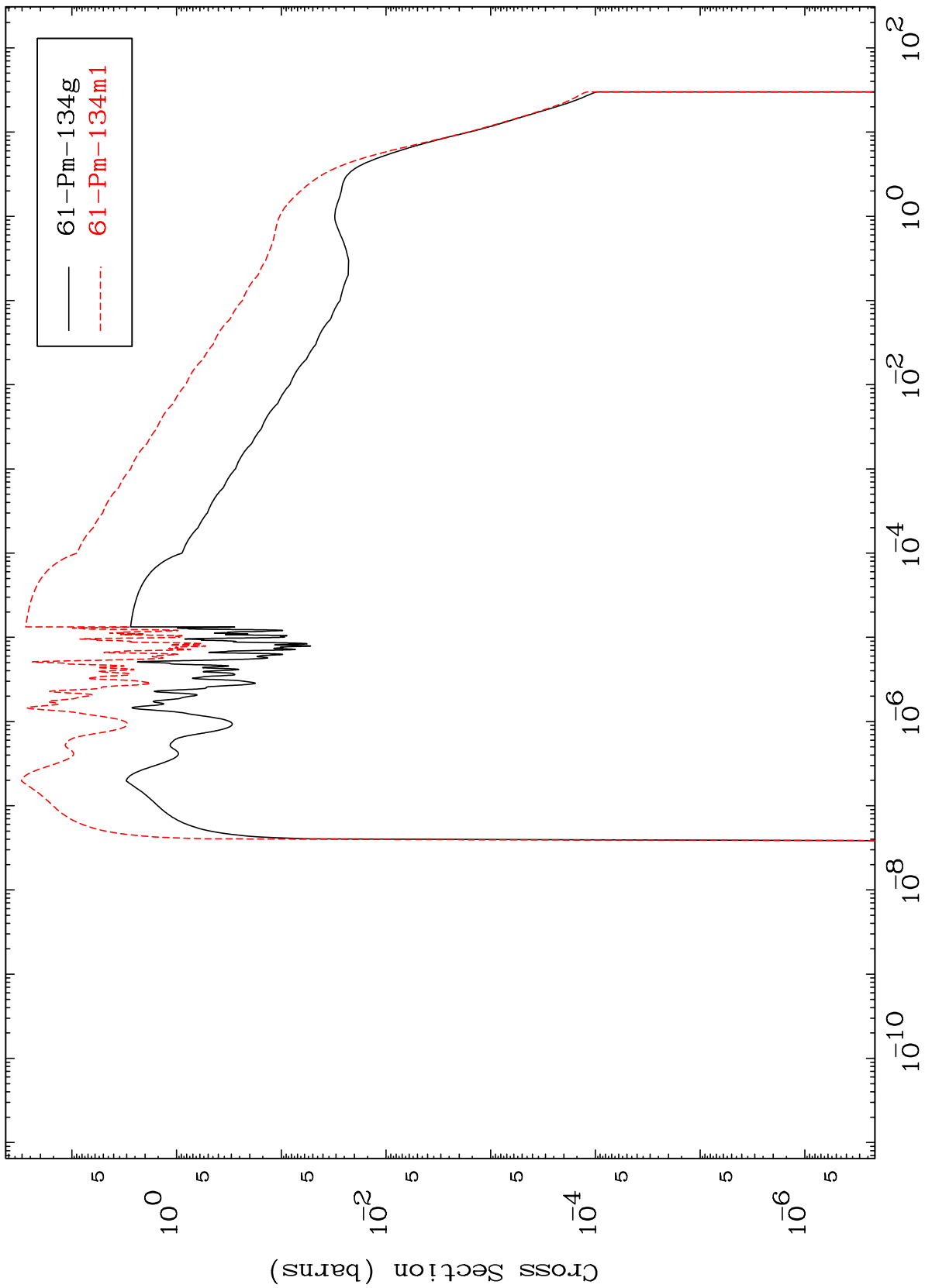
Incident Energy (MeV)

61-Pm-133

MAT 6107

61-Pm-133

(n, γ)
Radionuclide Production Cross Section



73

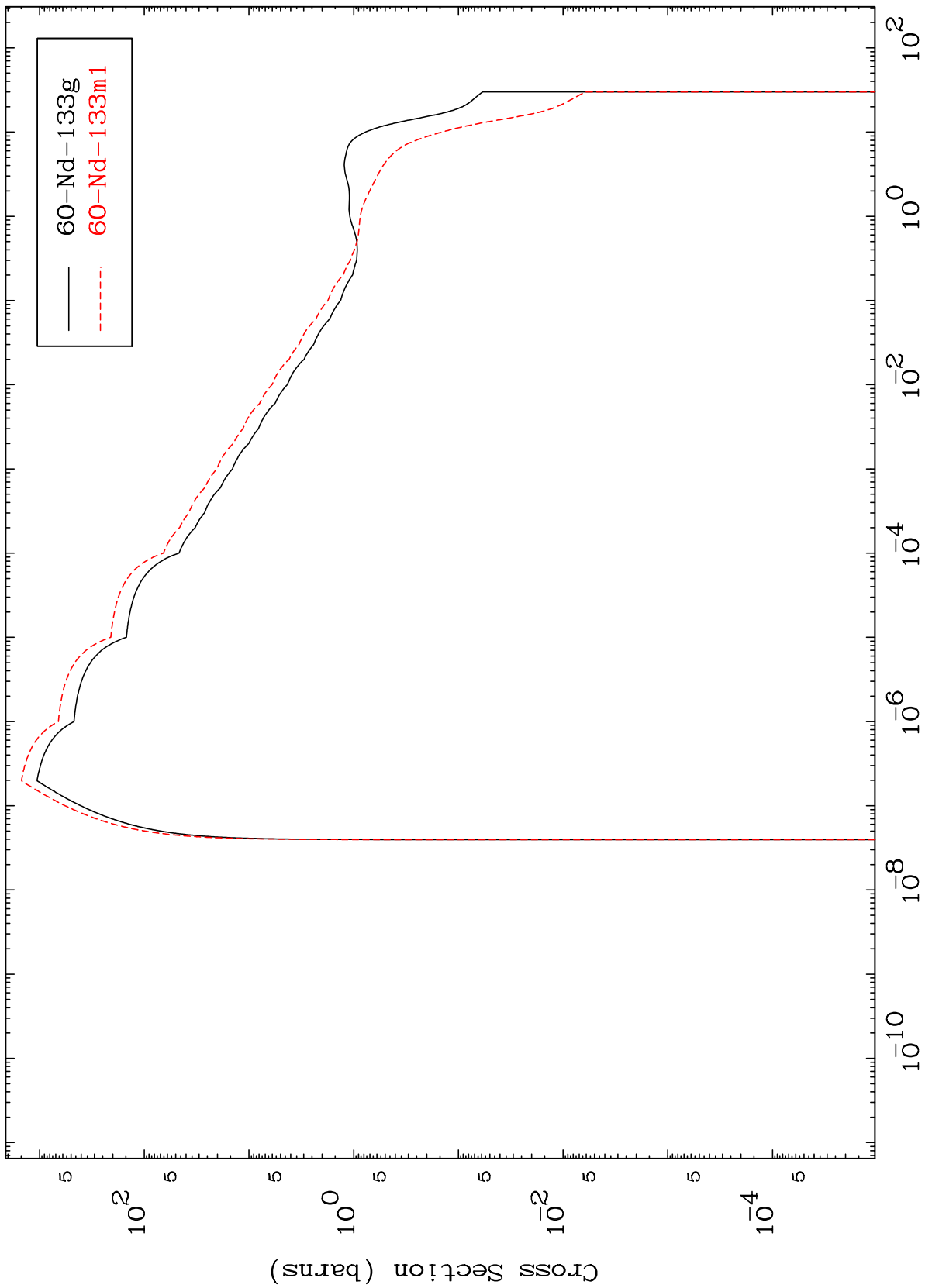
61-Pm-133

Incident Energy (MeV)

MAT 6107

61-Pm-133

(n,p)
Radionuclide Production Cross Section



74

61-Pm-133

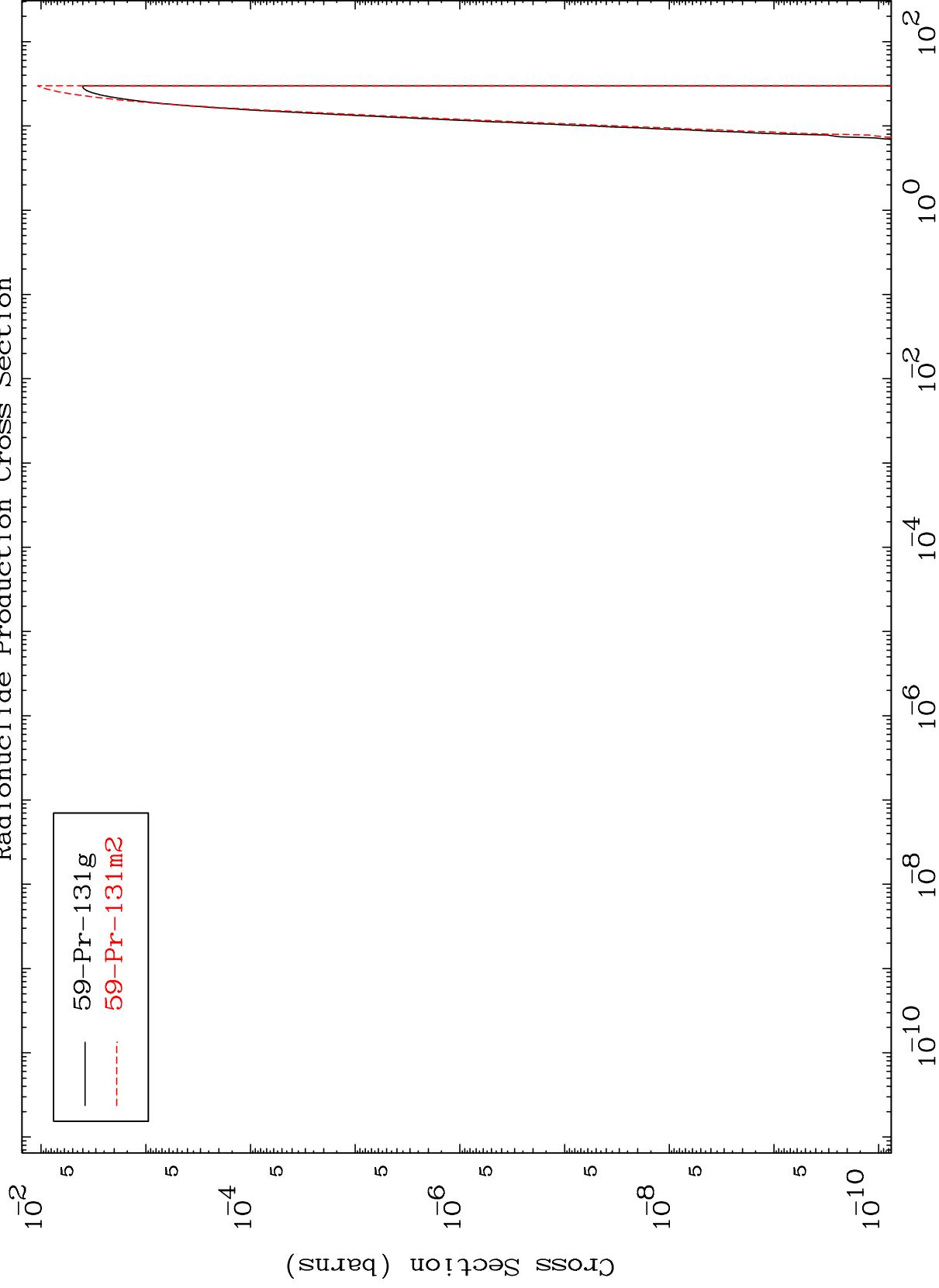
Incident Energy (MeV)

MAT 6107

(n,He-3)

61-Pm-133

Radionuclide Production Cross Section



75

Incident Energy (MeV)

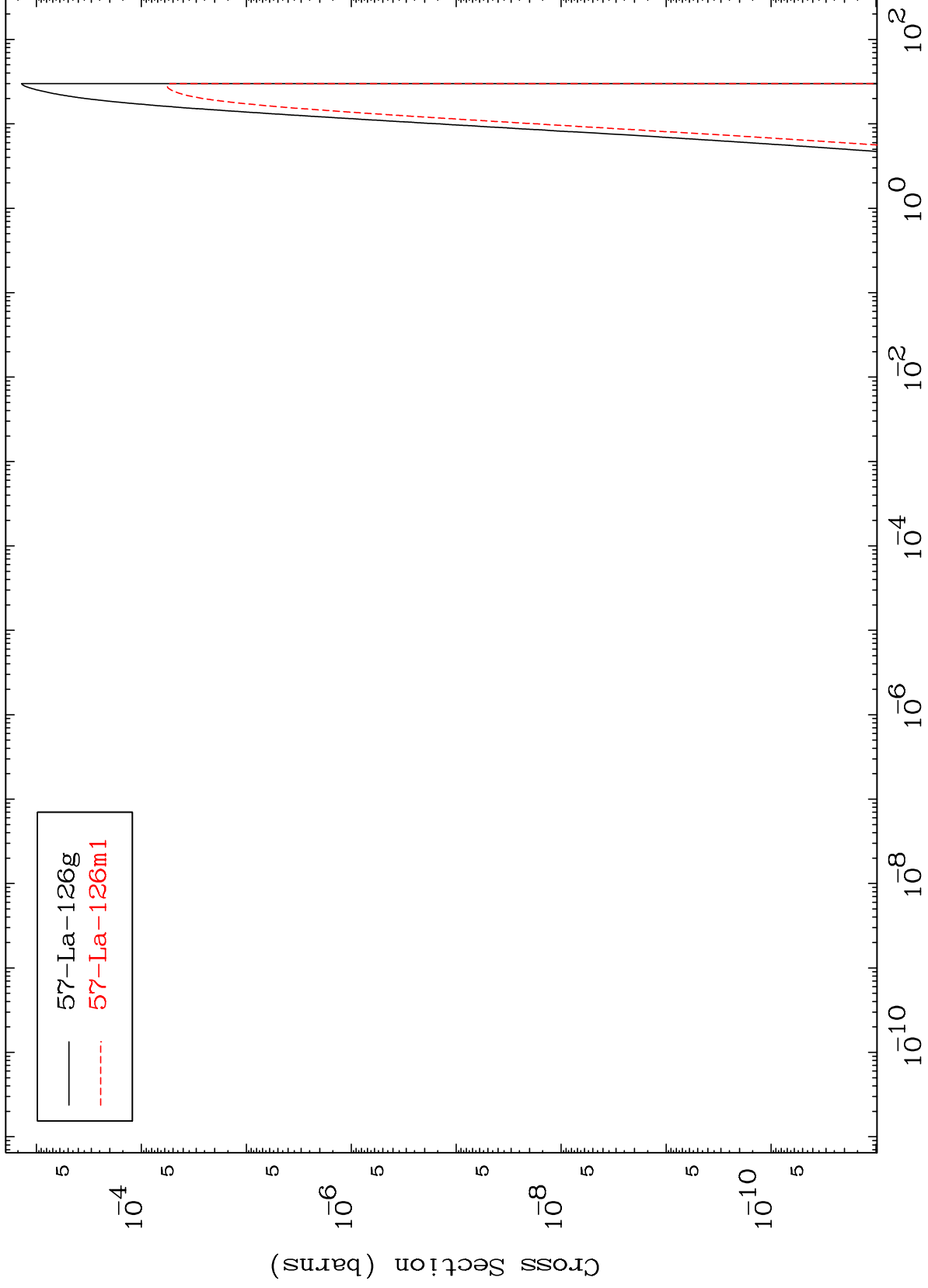
61-Pm-133

MAT 6107

(n,2α)

61-Pm-133

Radionuclide Production Cross Section



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

Incident Energy (MeV)

61-Pm-133

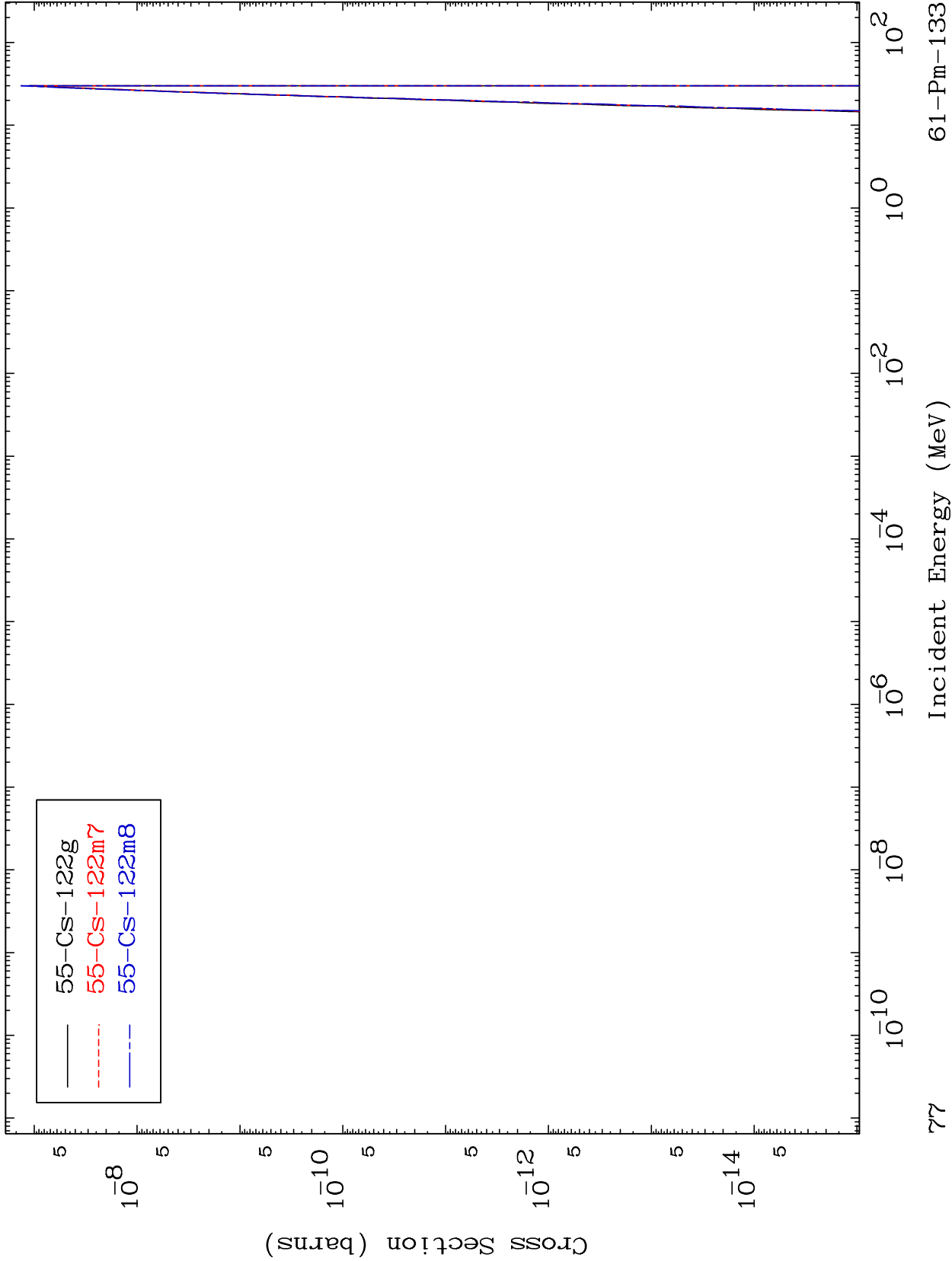
76

MAT 6107

(n,3 α)

61-Pm-133

Radionuclide Production Cross Section

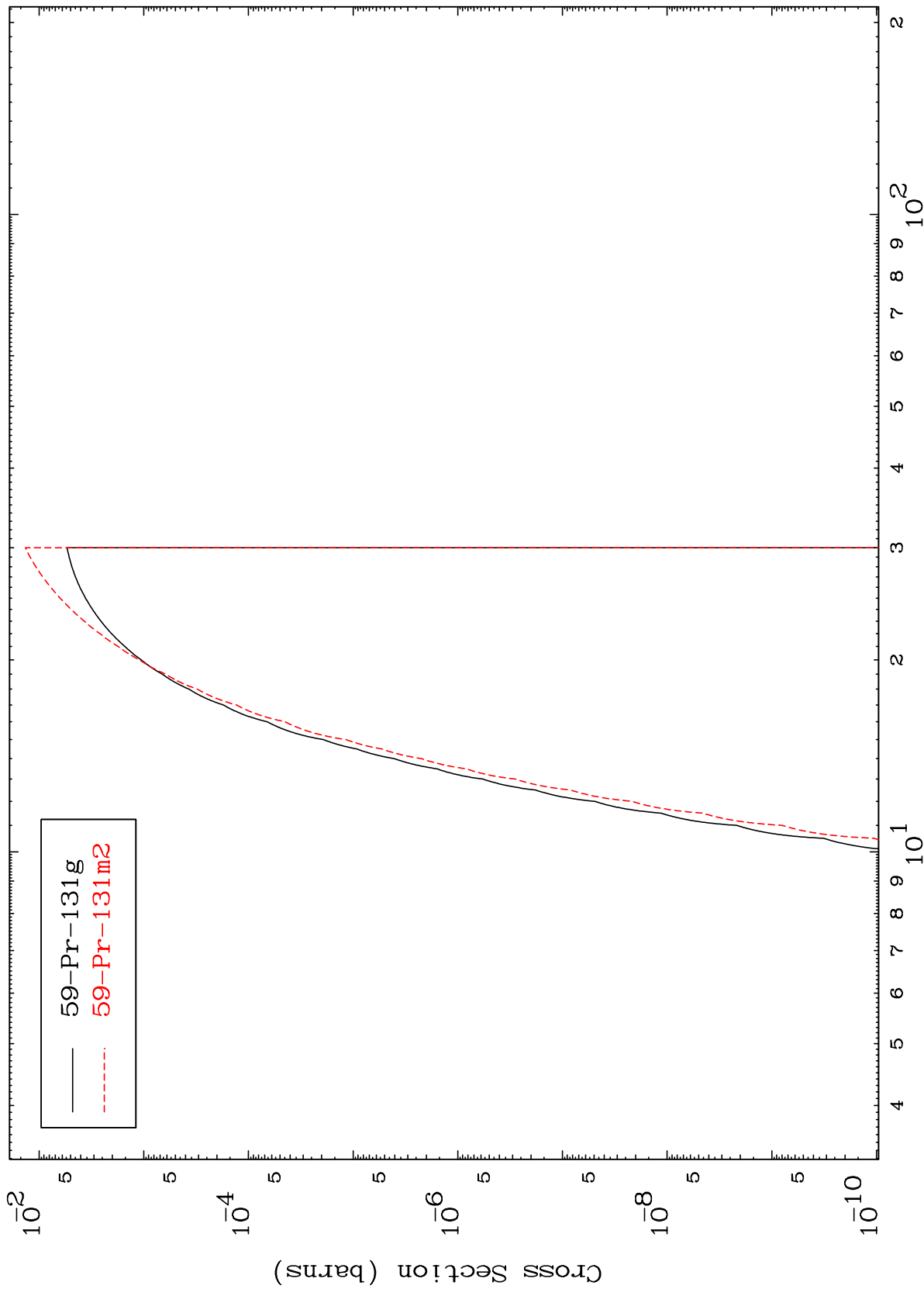


MAT 6107

(n,p) d

61-Pm-133

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

78

Incident Energy (MeV)

61-Pm-133