

Program EVALPLOT
(Version 2021-1)

by

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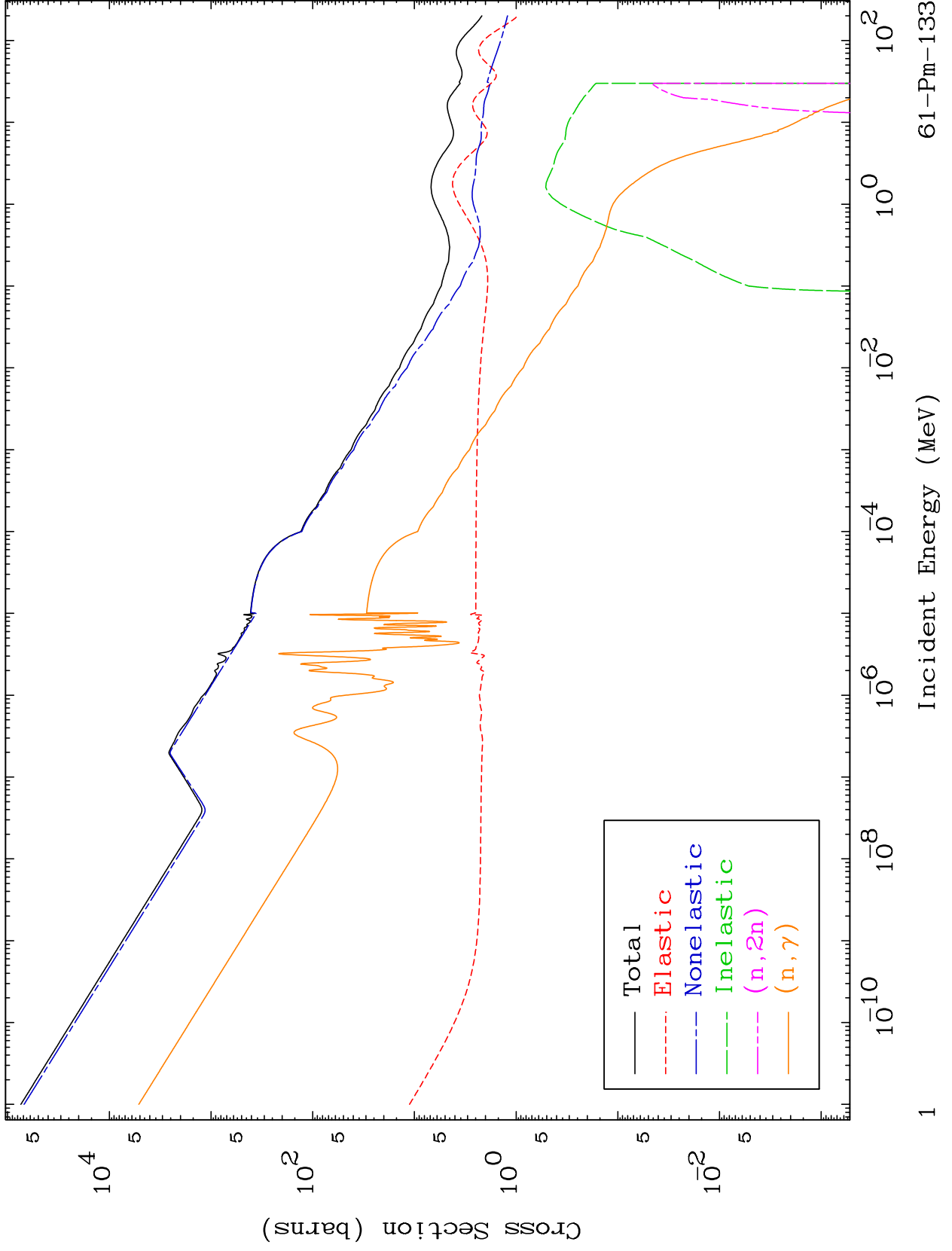
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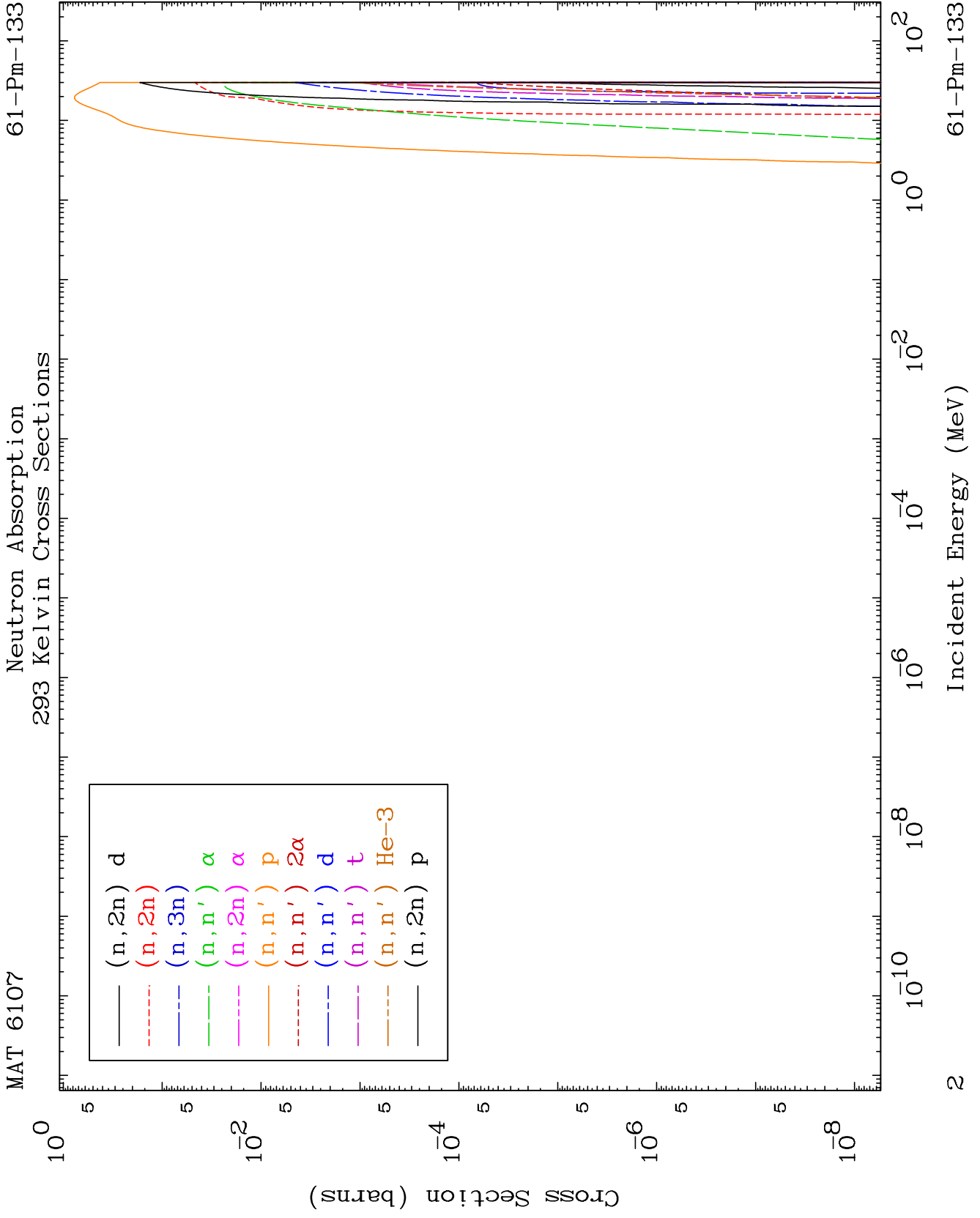
Press Mouse Button to Start

MAT 6107

Neutron Major
293 Kelvin Cross Sections

61-Pm-133

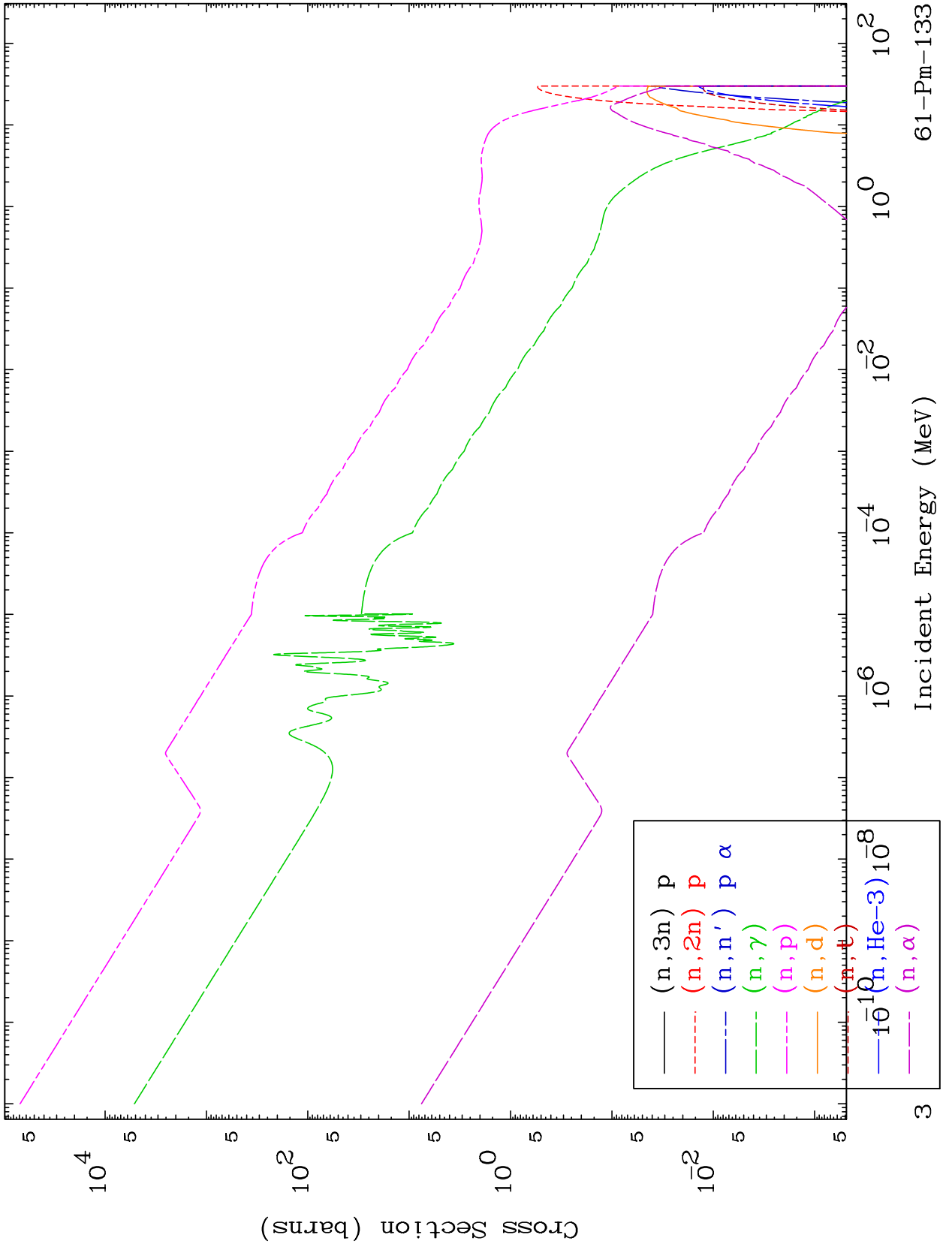




MAT 6107

Neutron Absorption
293 Kelvin Cross Sections

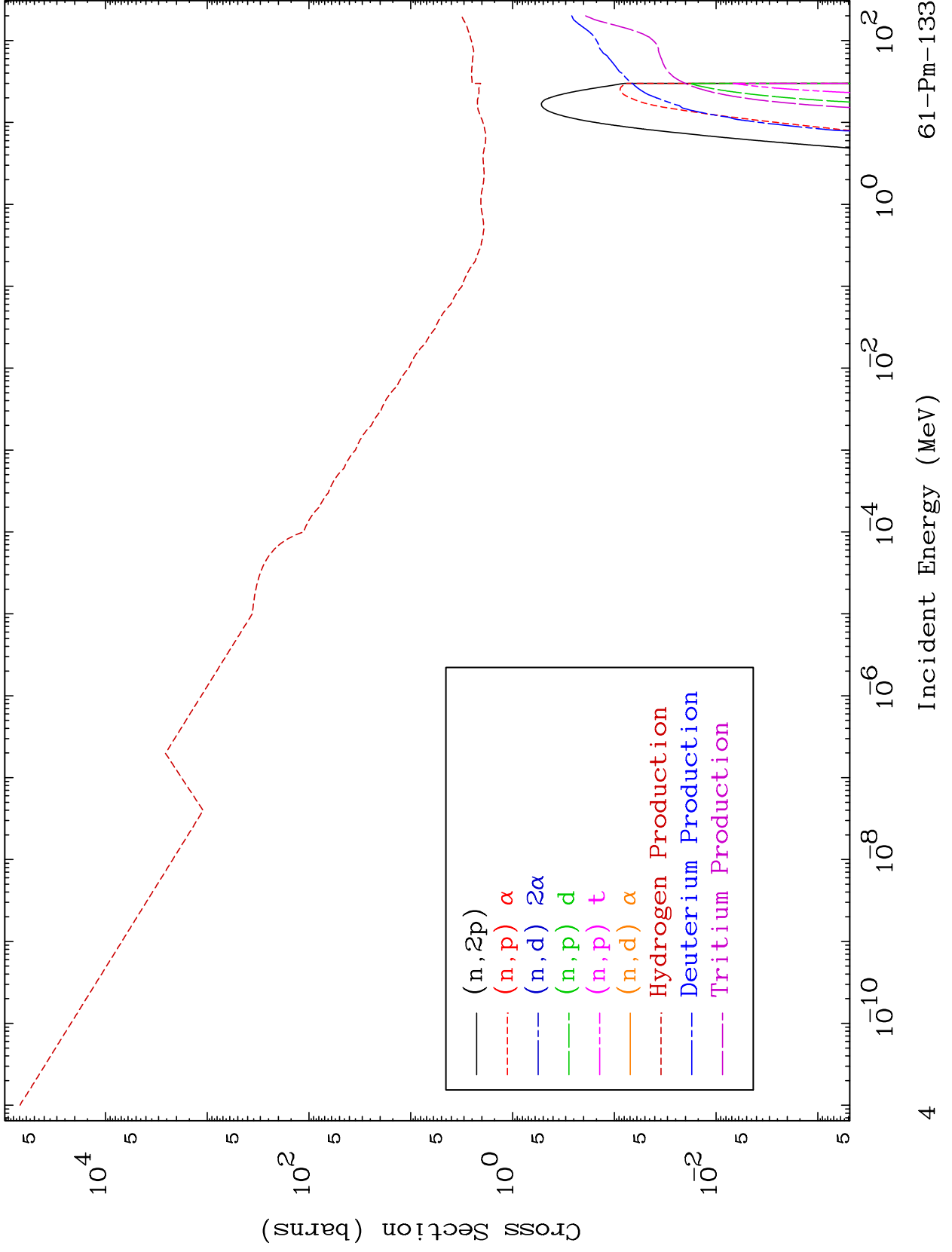
61-Pm-133



MAT 6107

Neutron Absorption
293 Kelvin Cross Sections

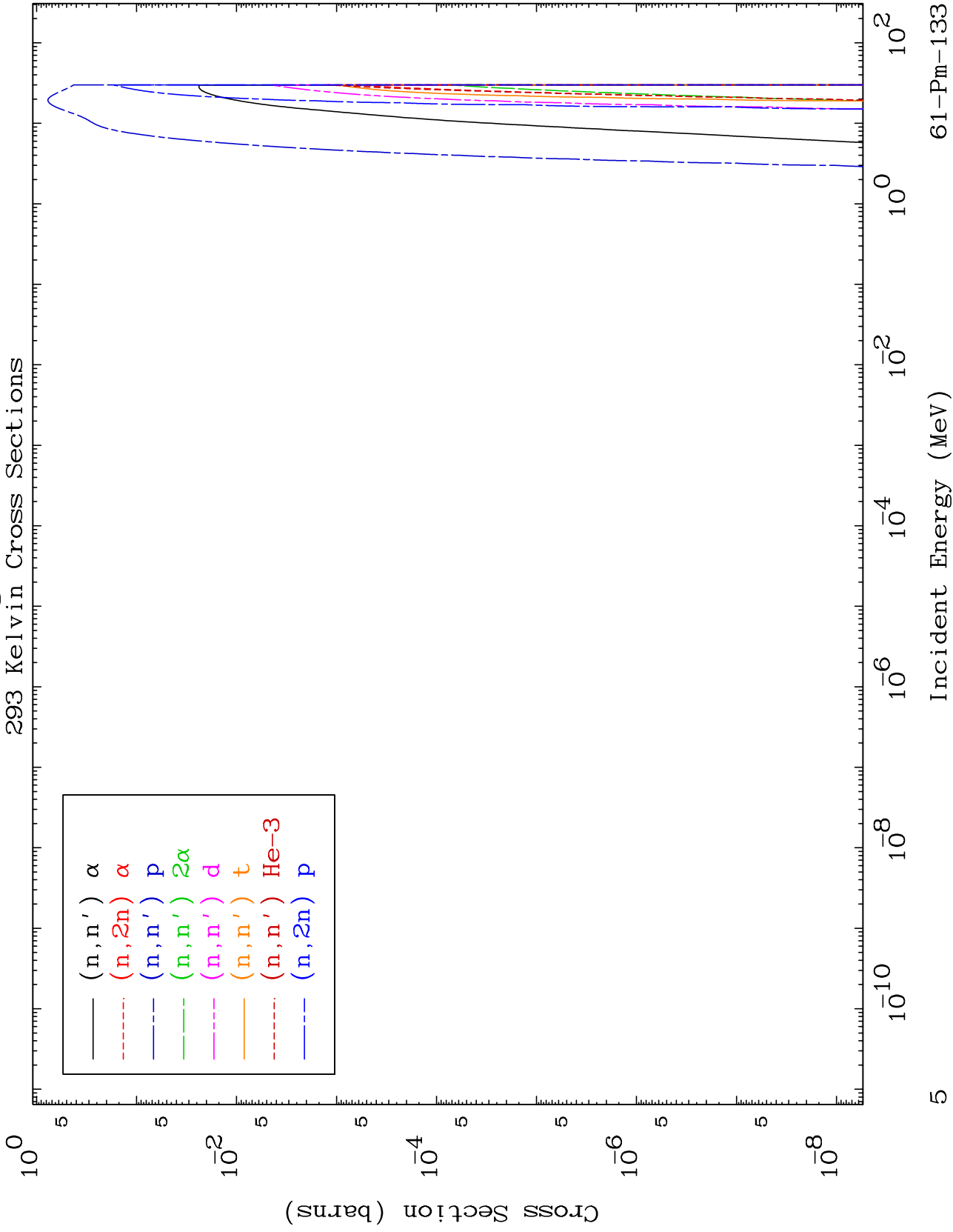
61-Pm-133



MAT 6107

Charged Particle
293 Kelvin Cross Sections

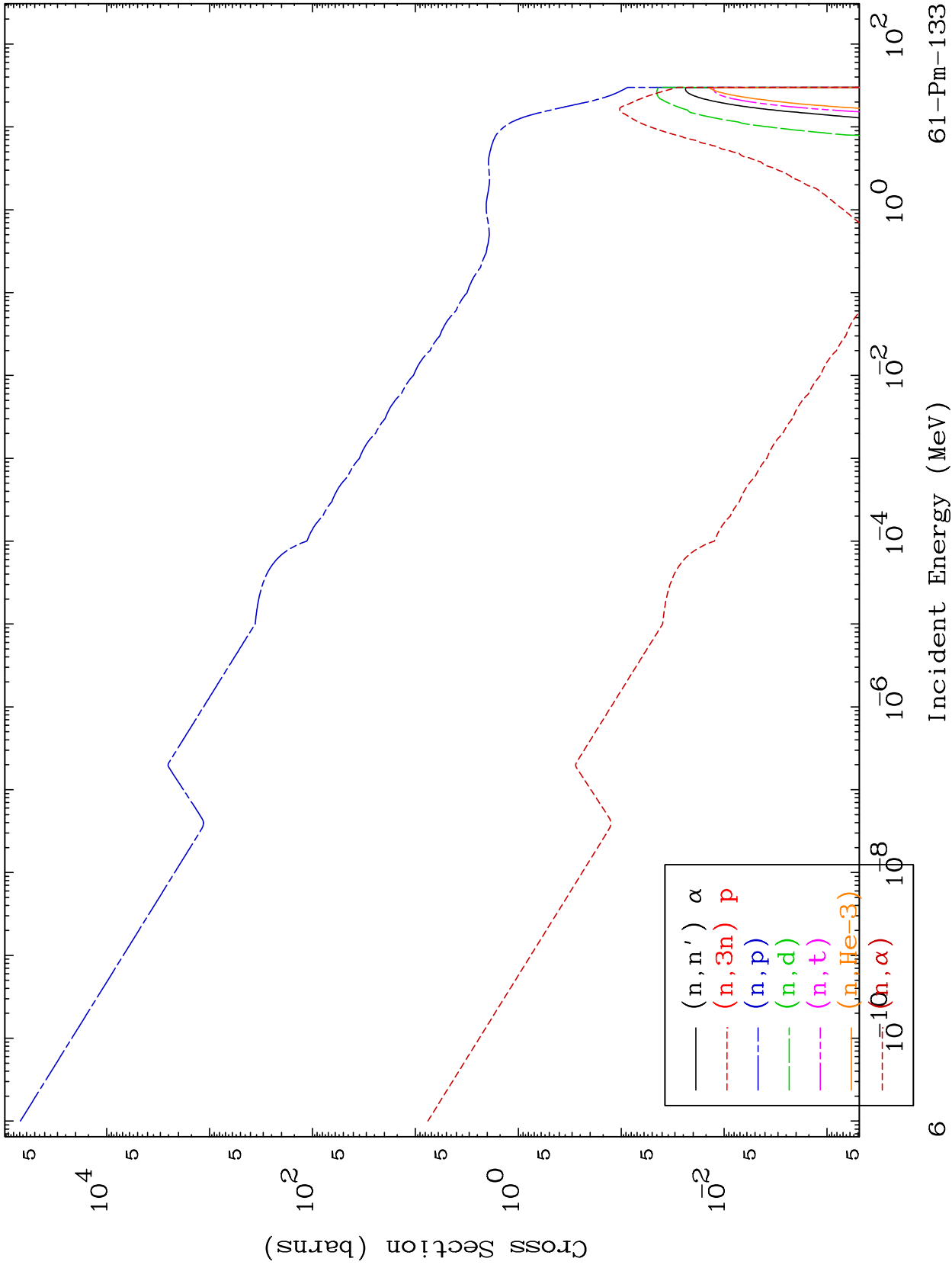
61-Pm-133



MAT 6107

Charged Particle
293 Kelvin Cross Sections

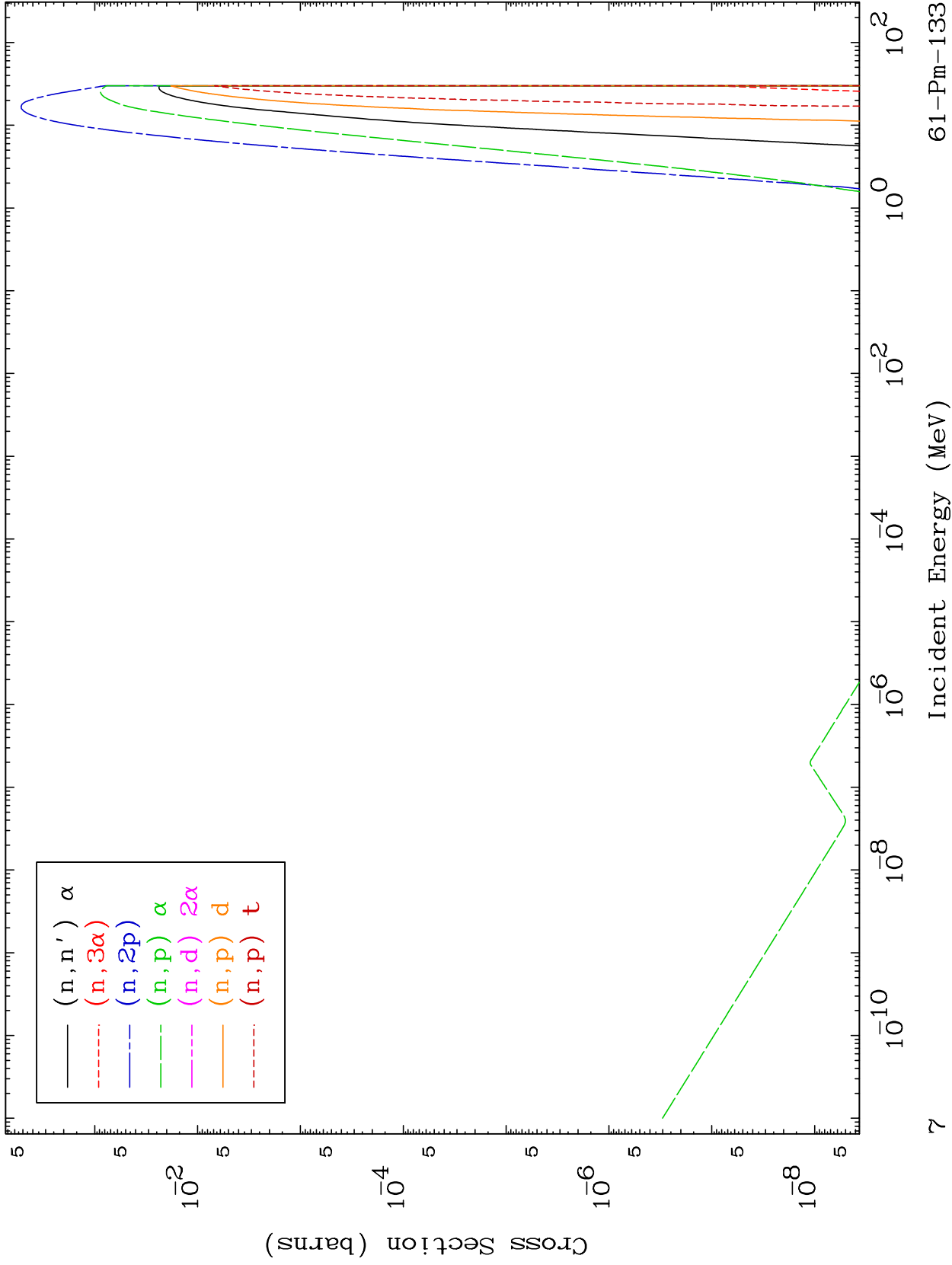
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MAT 6107

Charged Particle
293 Kelvin Cross Sections

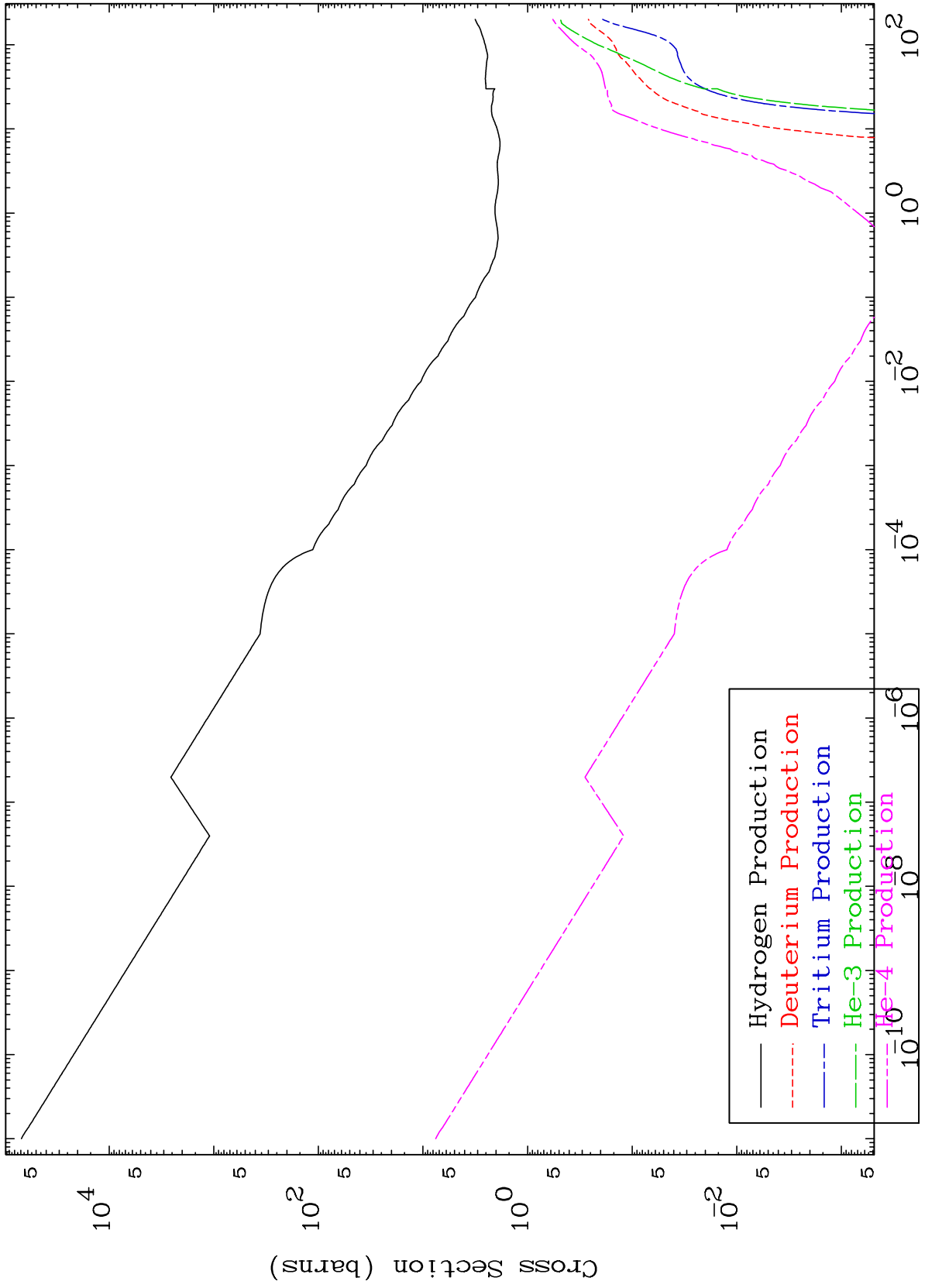
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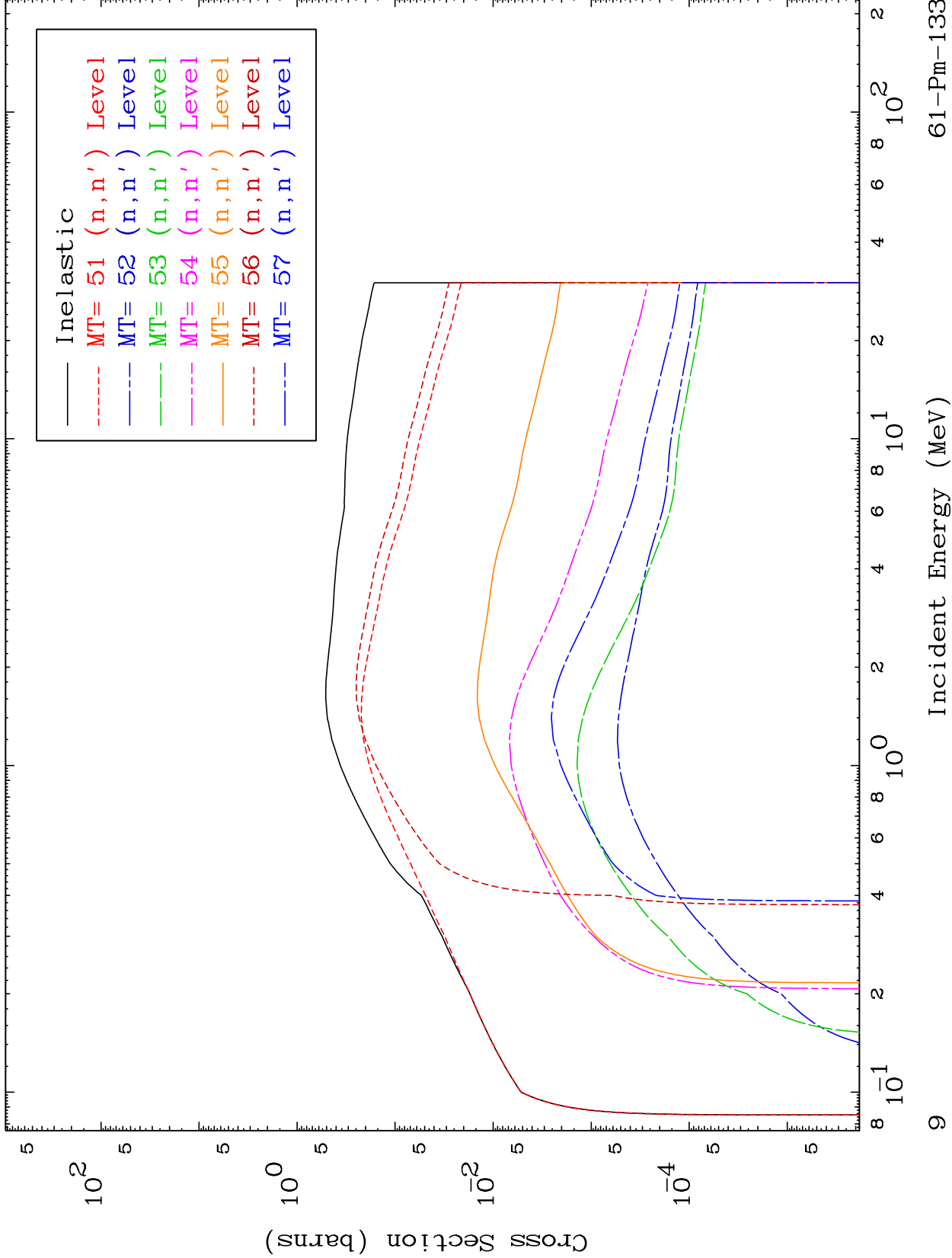


MAT 6107

Particle Production
293 Kelvin Cross Sections

61-Pm-133



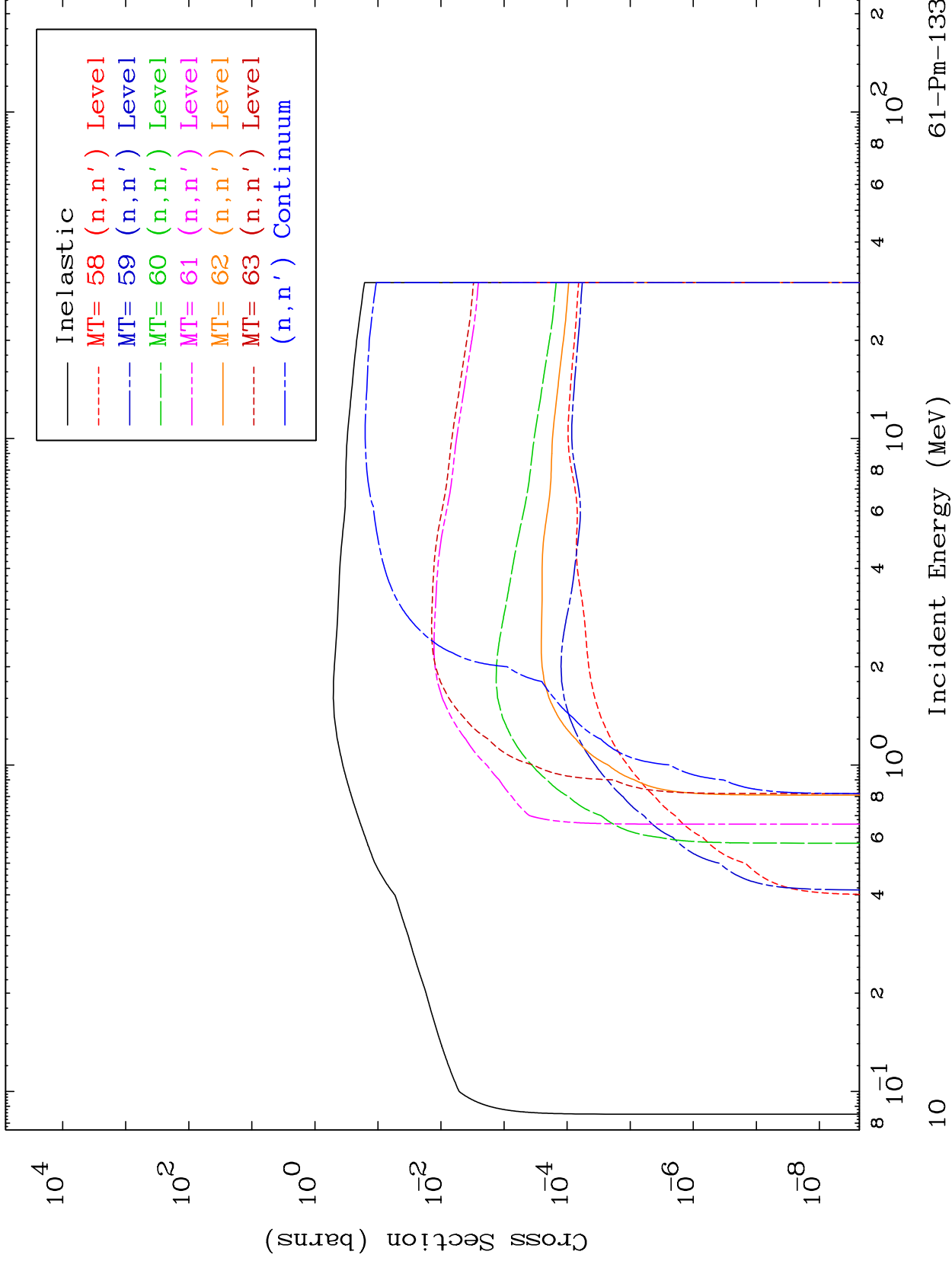


MAT 6107

(n,n') Levels

61-Pm-133

293 Kelvin Cross Sections



61-Pm-133

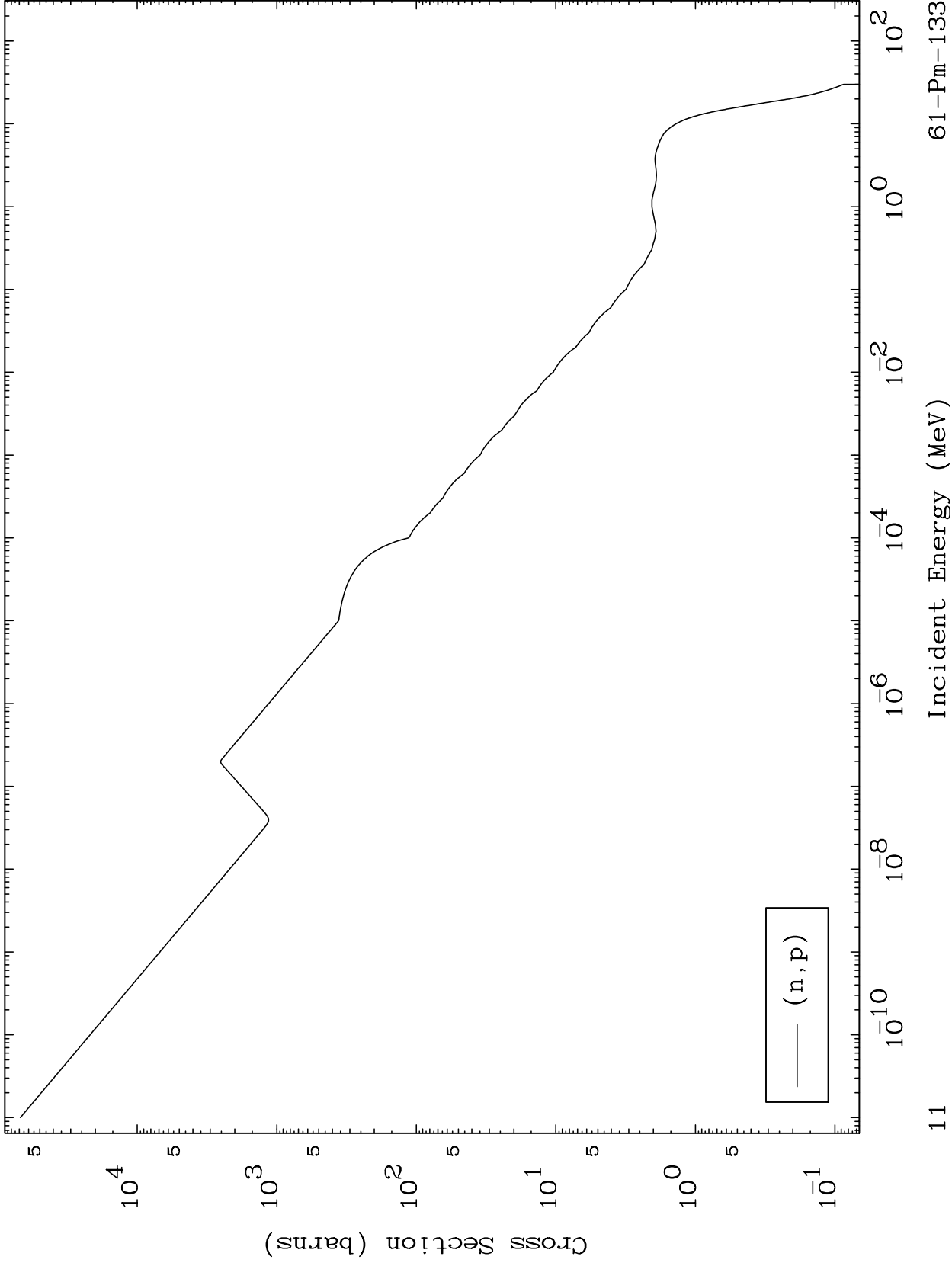
Incident Energy (MeV)

10

MAT 6107

(n,p) Levels
293 Kelvin Cross Sections

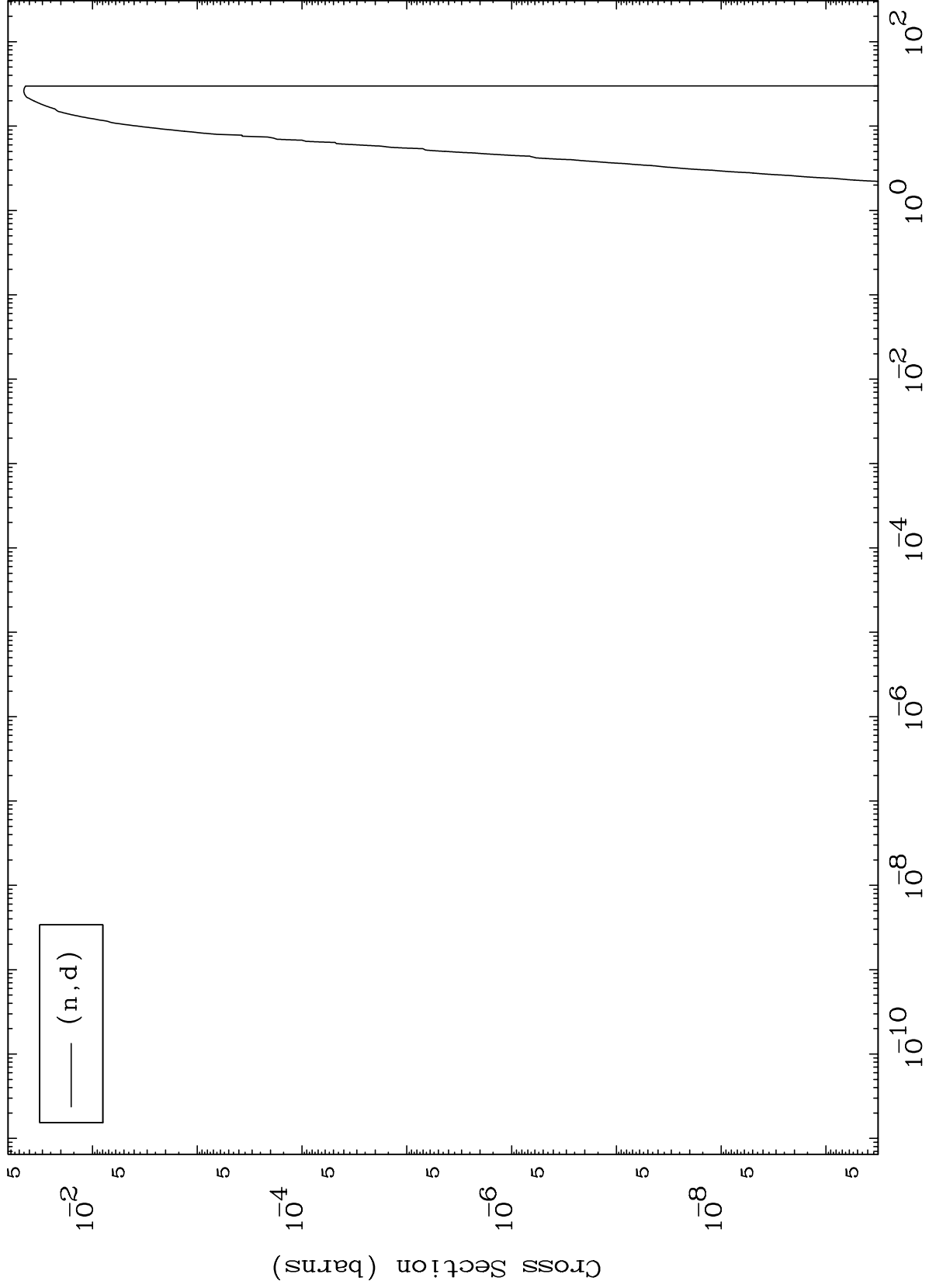
61-Pm-133



MAT 6107

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-133



12

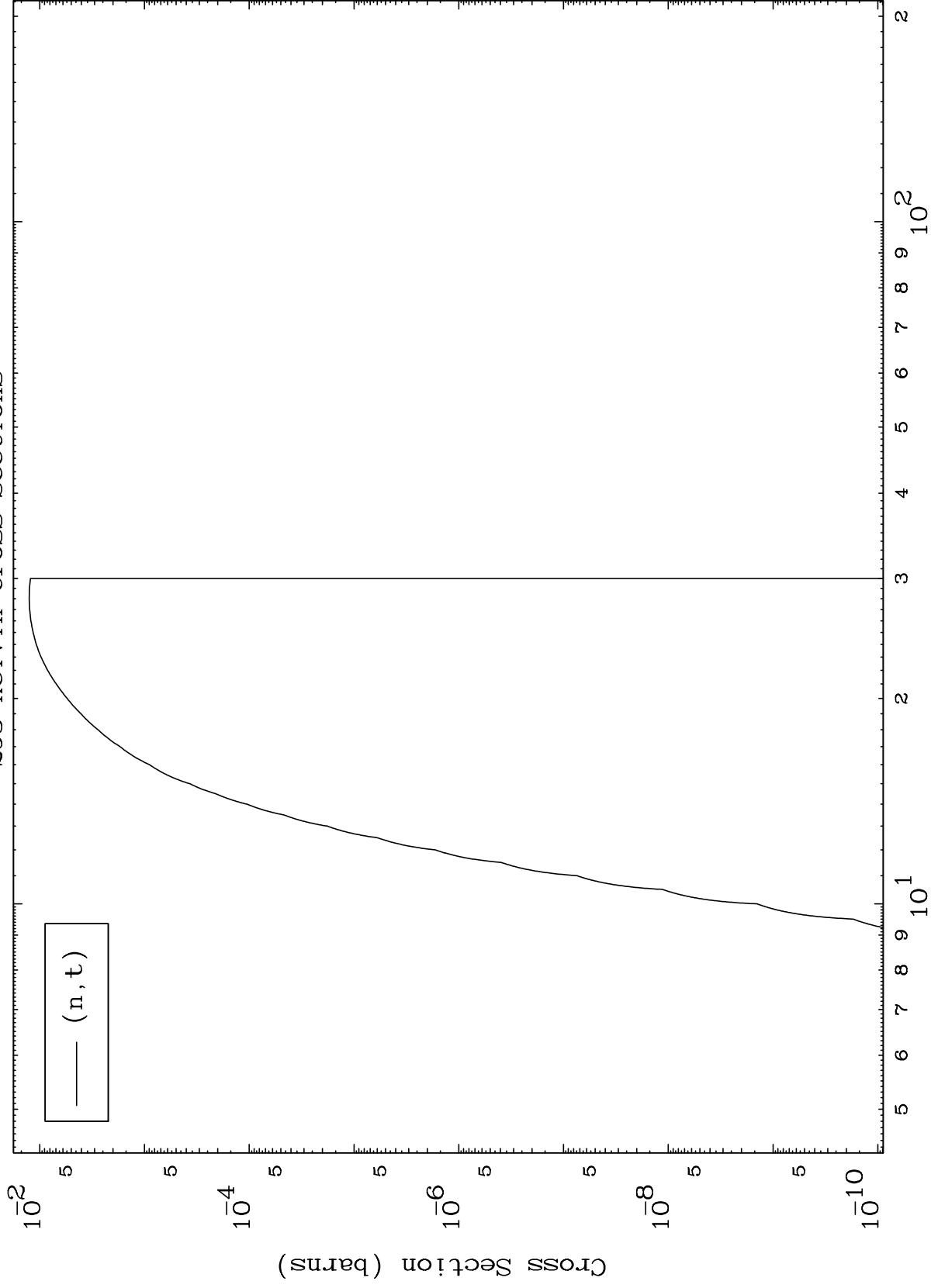
Incident Energy (MeV)

61-Pm-133

MAT 6107

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-133



13

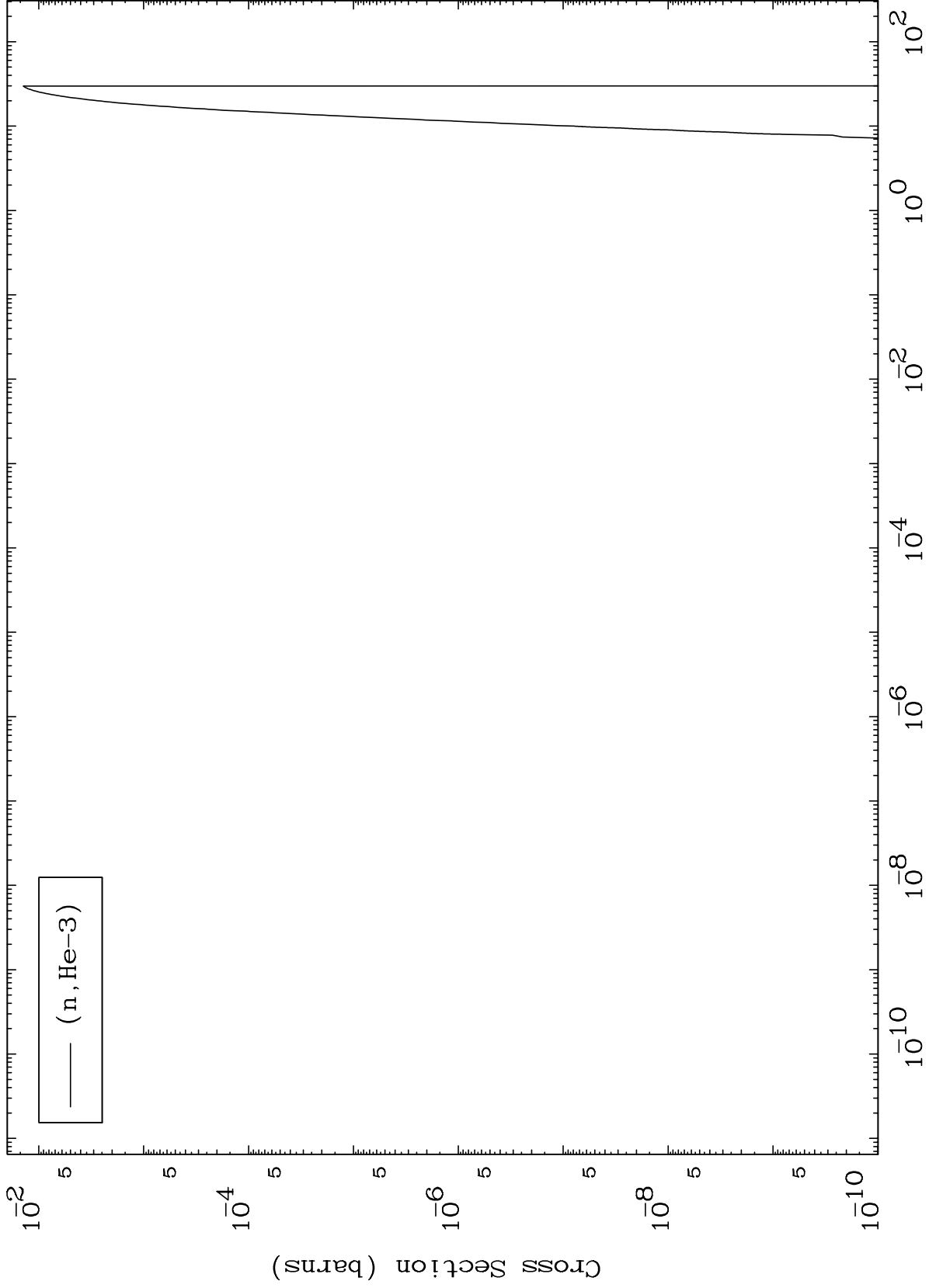
Incident Energy (MeV)

61-Pm-133

MAT 6107

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-133

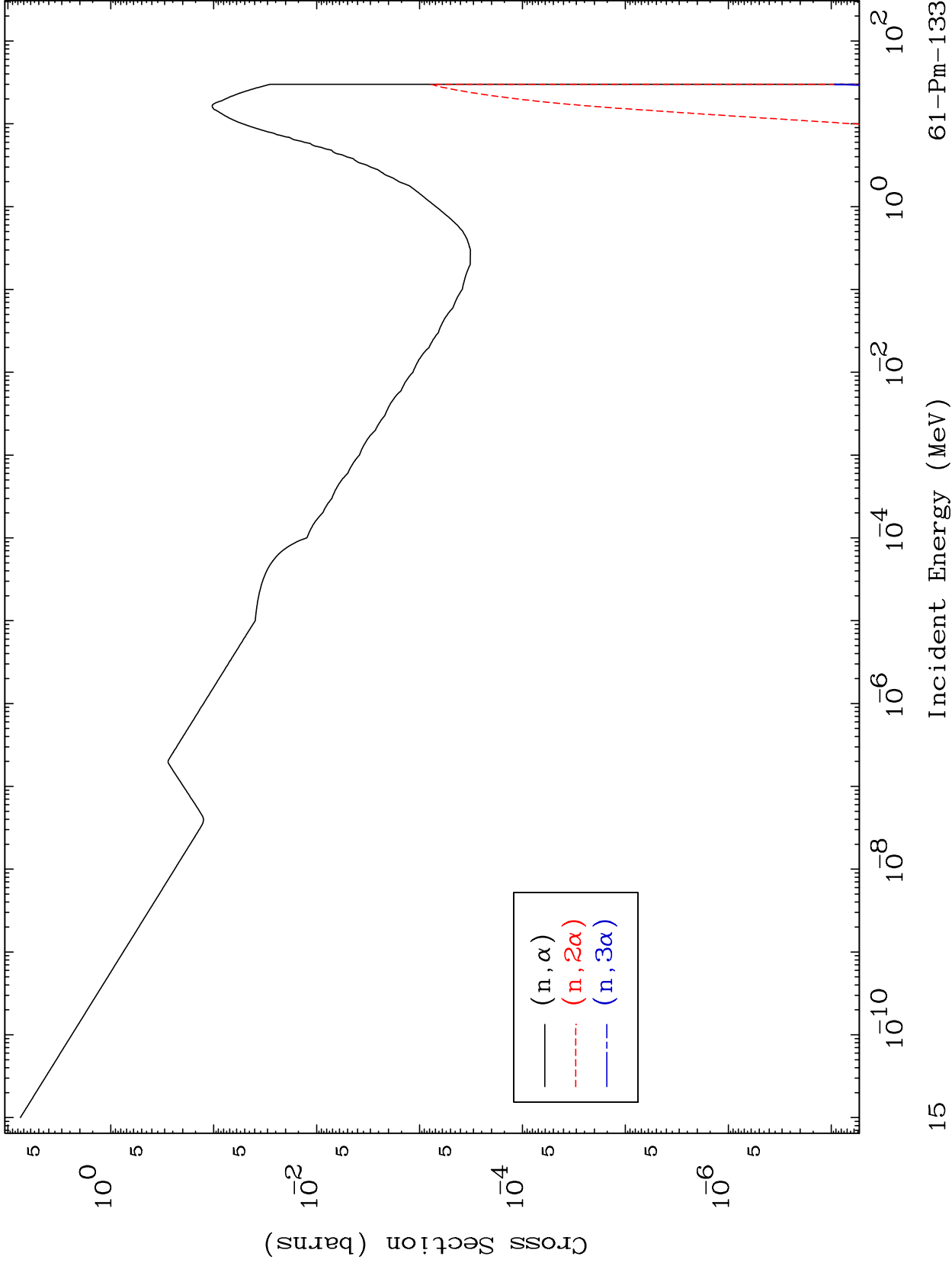


(n, He-3)

MAT 6107

(n, α) Levels
293 Kelvin Cross Sections

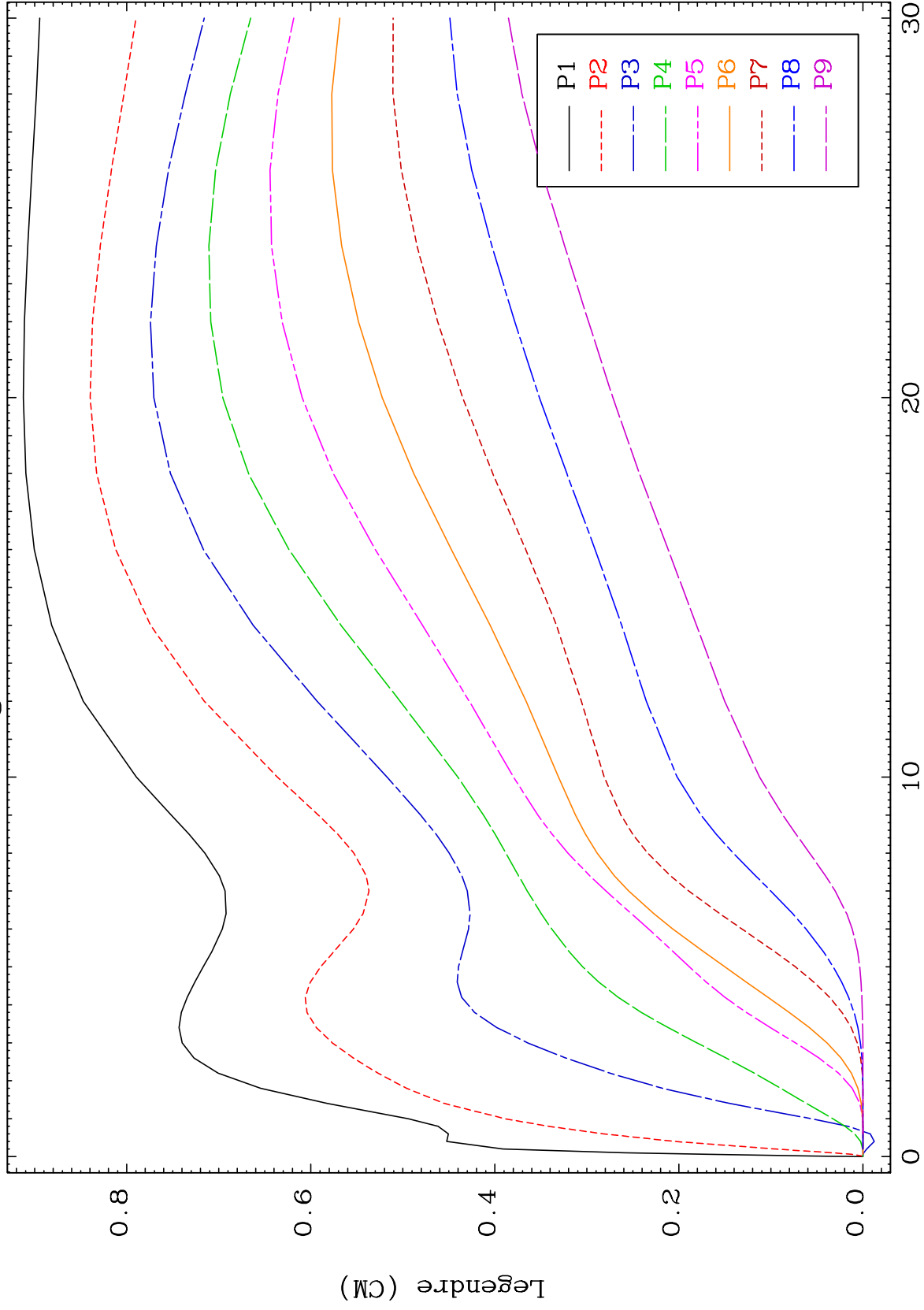
61-Pm-133



MAT 6107

Elastic Legendre Coefficients

61-Pm-133



16

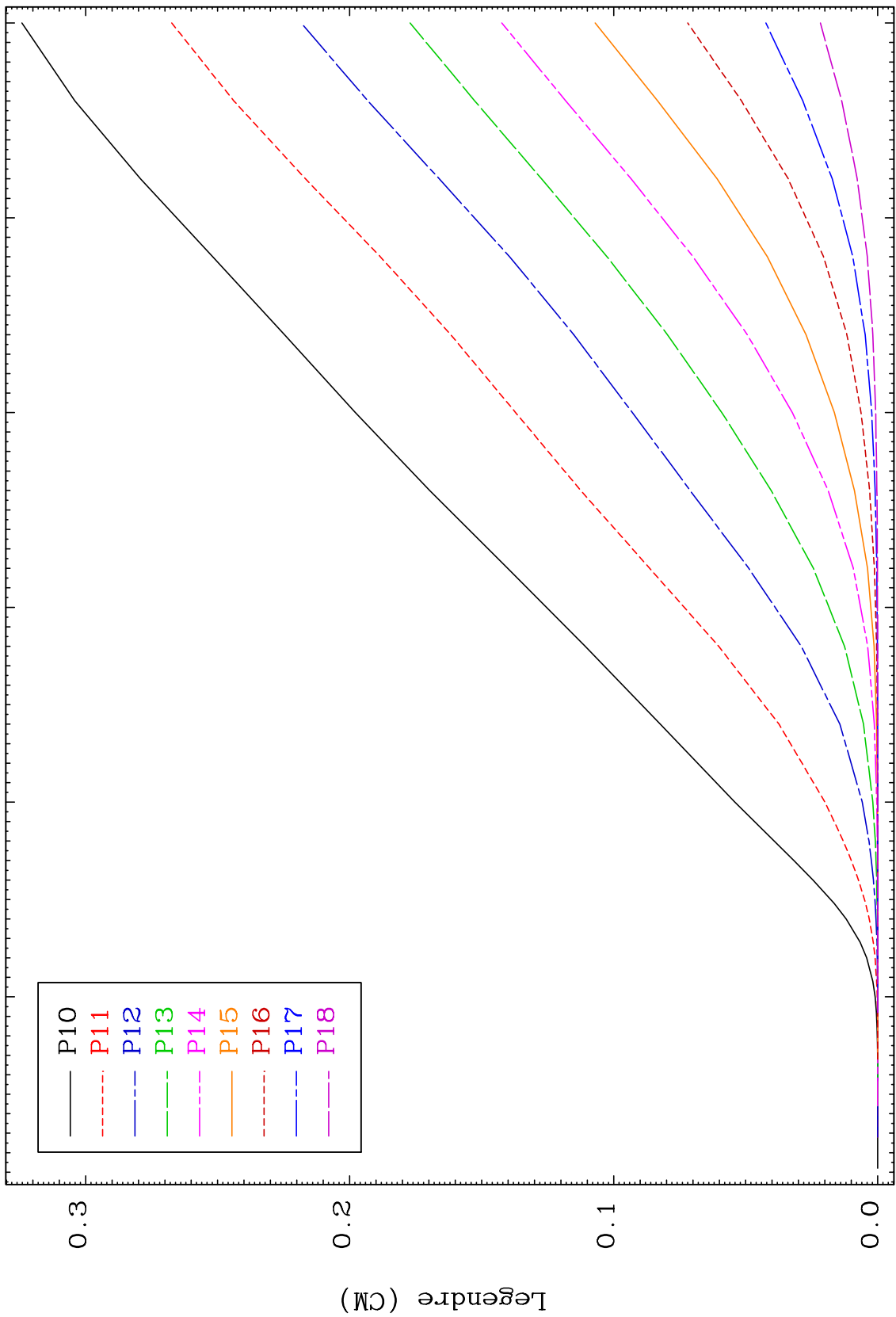
Incident Energy (MeV)

61-Pm-133

MAT 6107

Elastic Legendre Coefficients

61-Pm-133



17

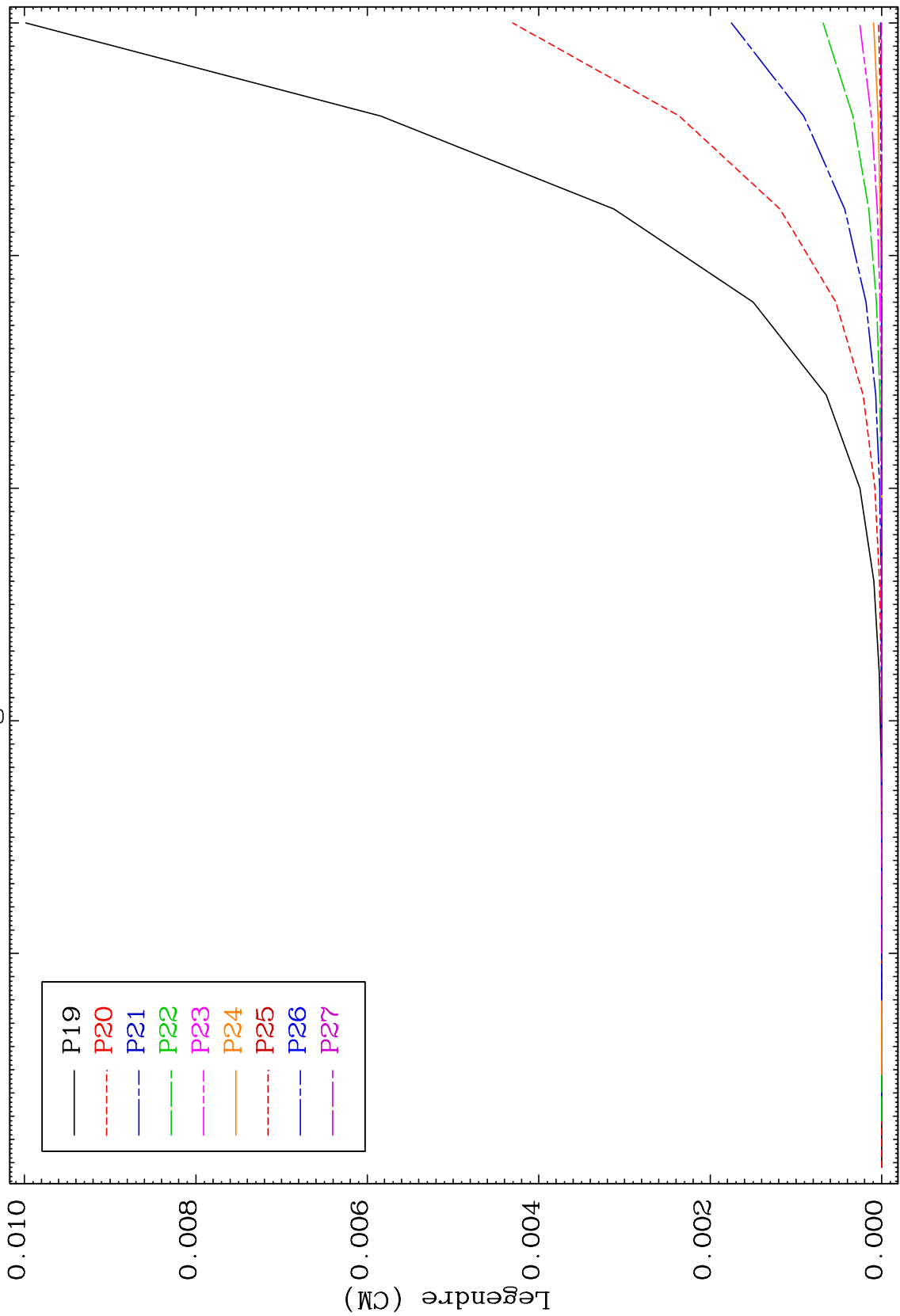
Incident Energy (MeV)

61-Pm-133

MAT 6107

Elastic Legendre Coefficients

61-Pm-133



18

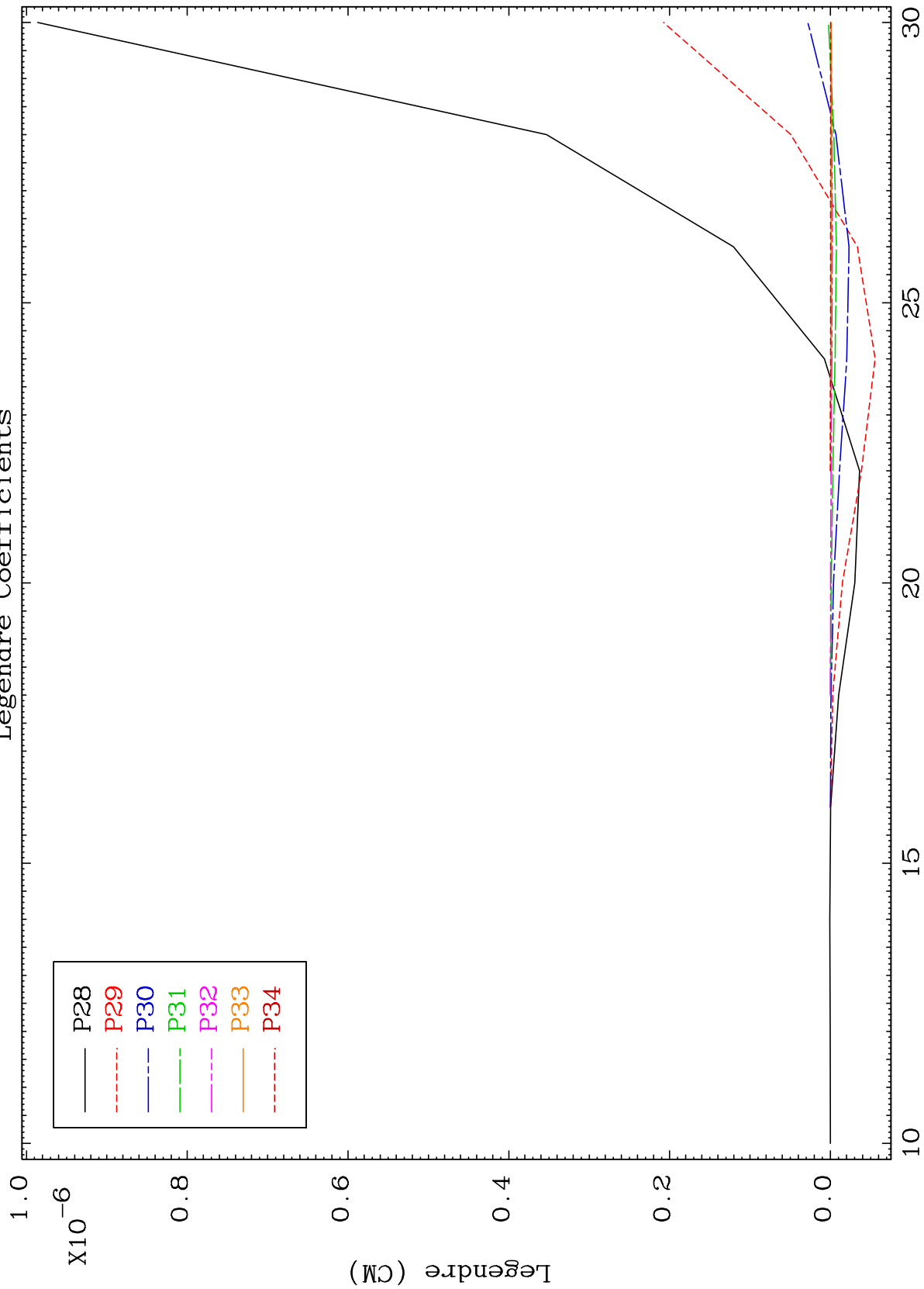
Incident Energy (MeV)

61-Pm-133

MAT 6107

Elastic Legendre Coefficients

61-Pm-133



19

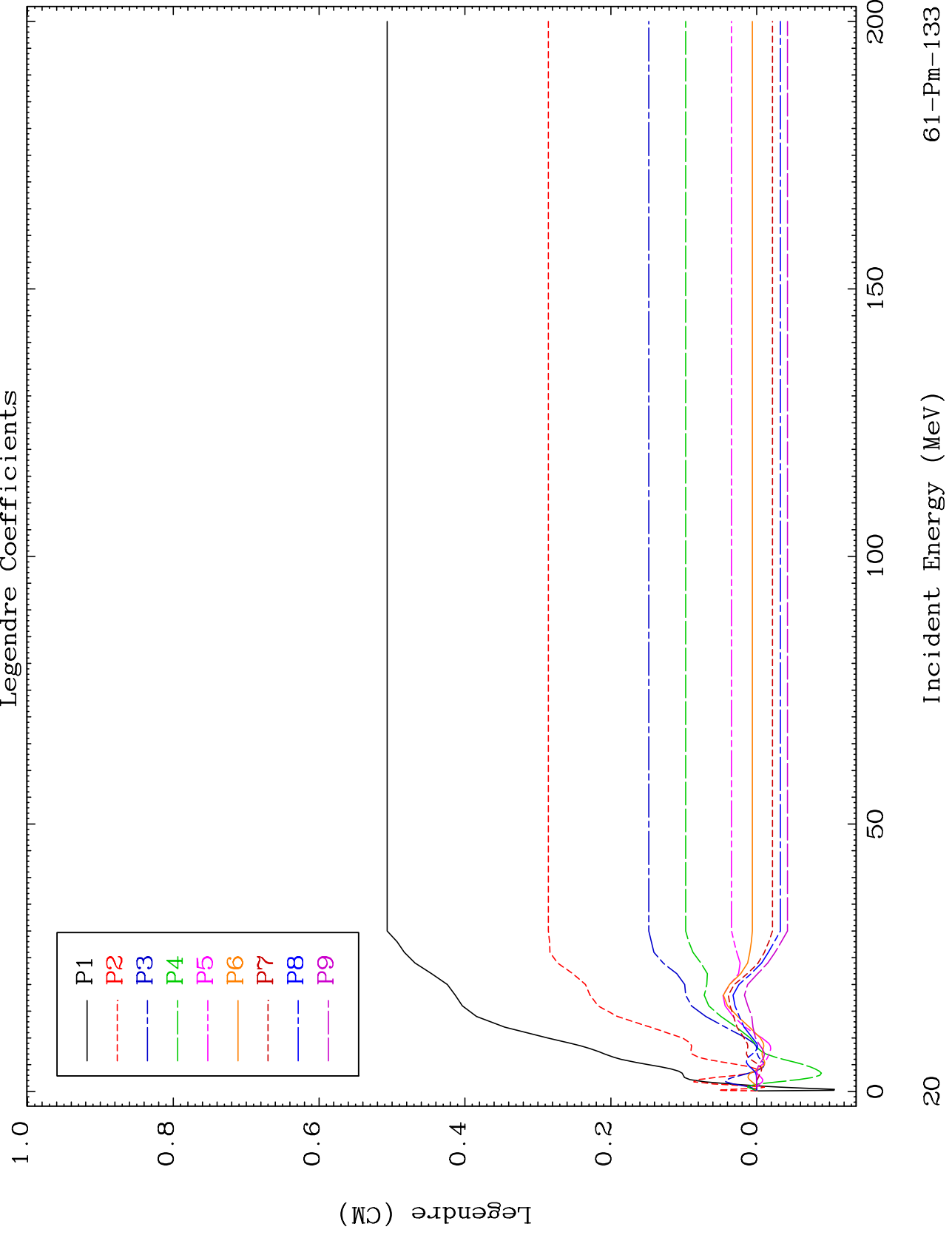
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



61-Pm-133

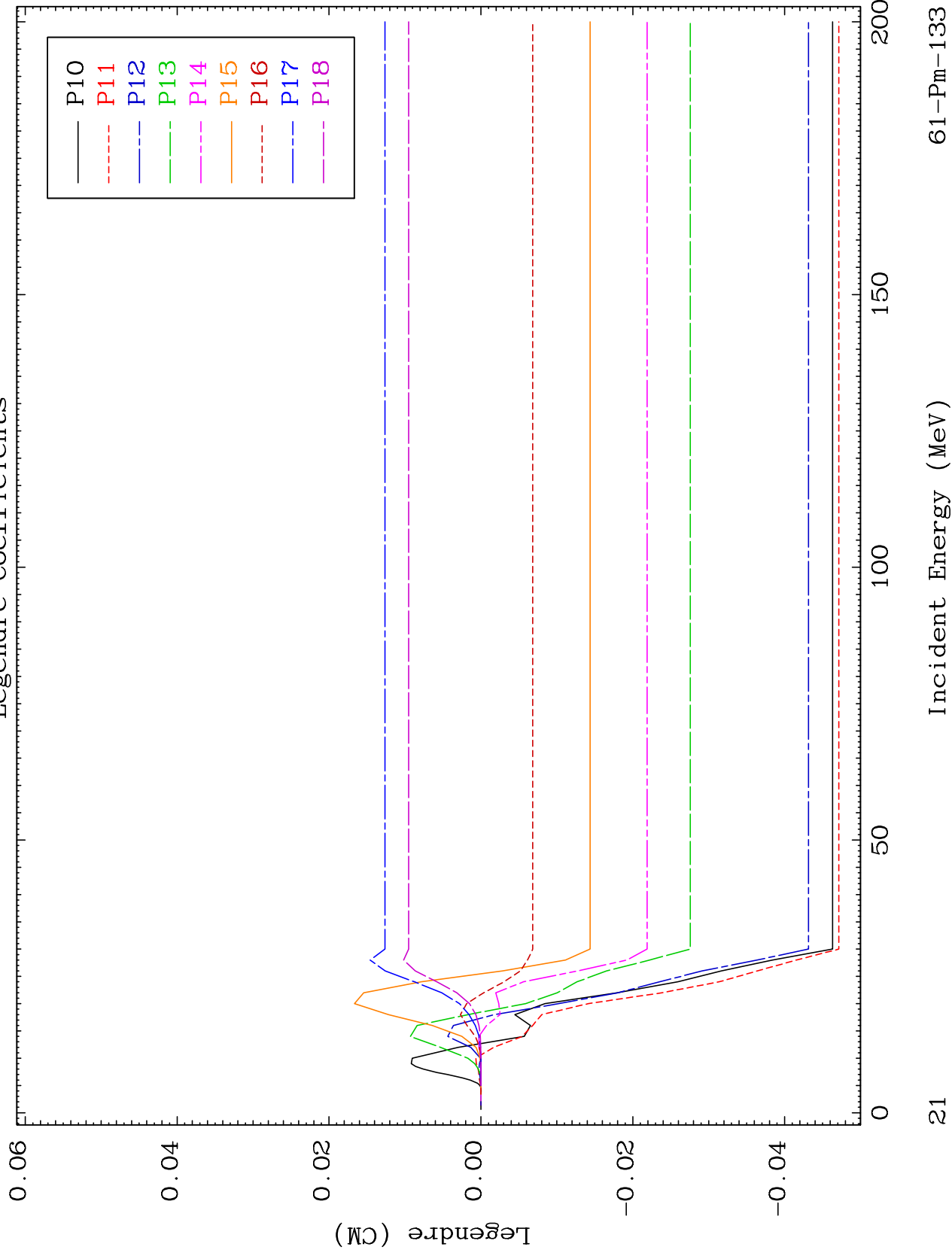
Incident Energy (MeV)

20

MAT 6107

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

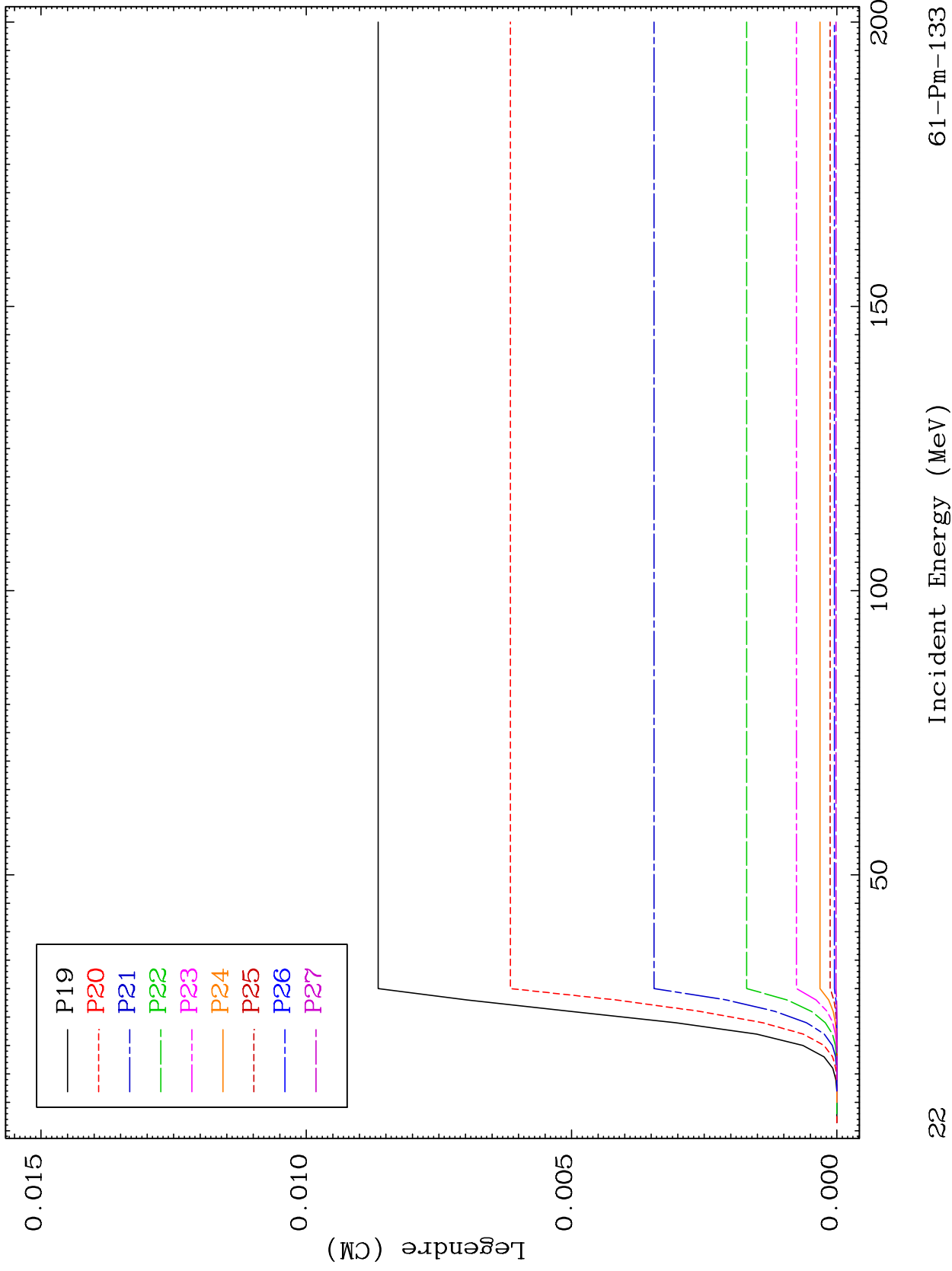
61-Pm-133



21

Incident Energy (MeV)

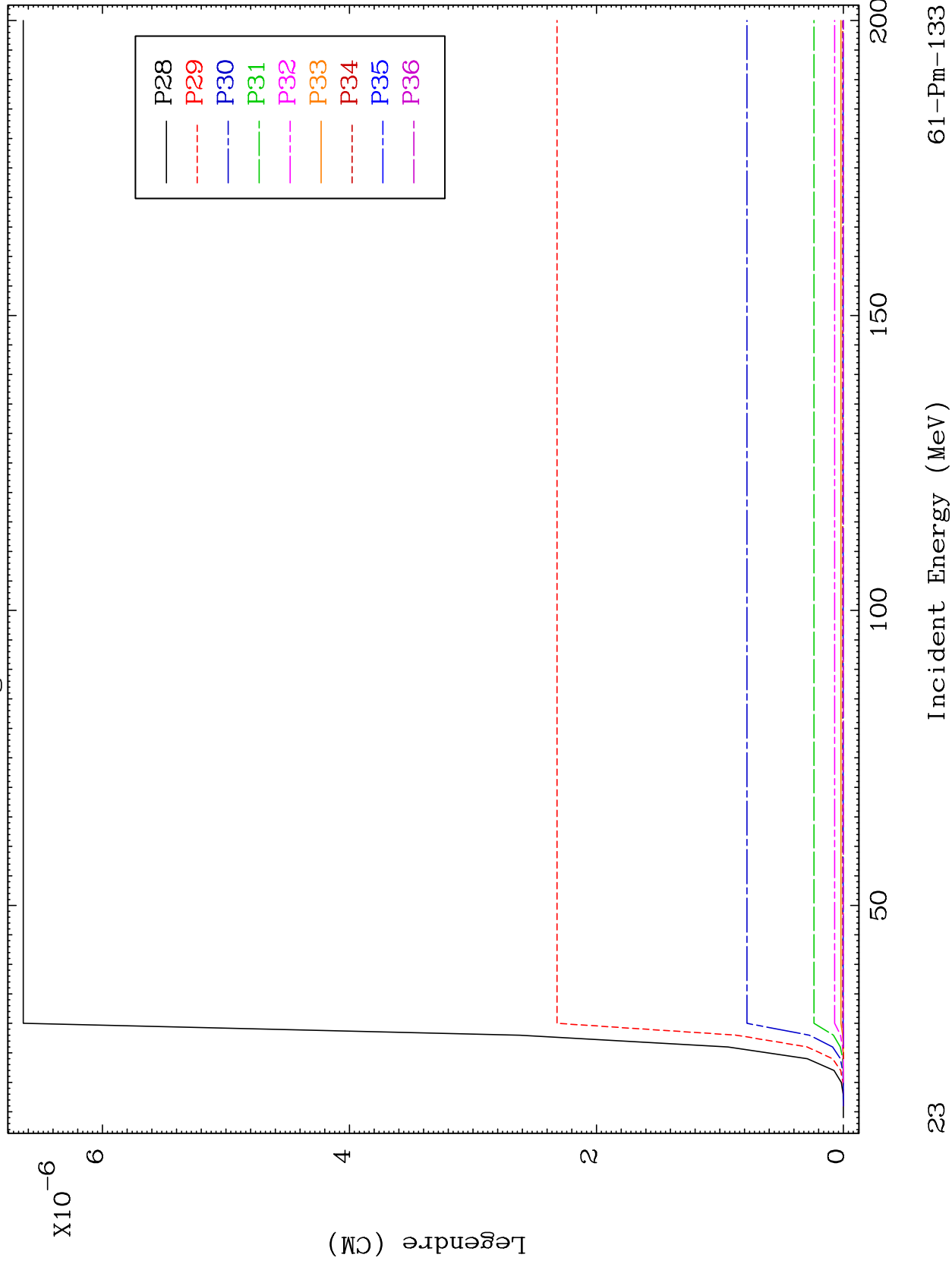
61-Pm-133



MAT 6107

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

61-Pm-133



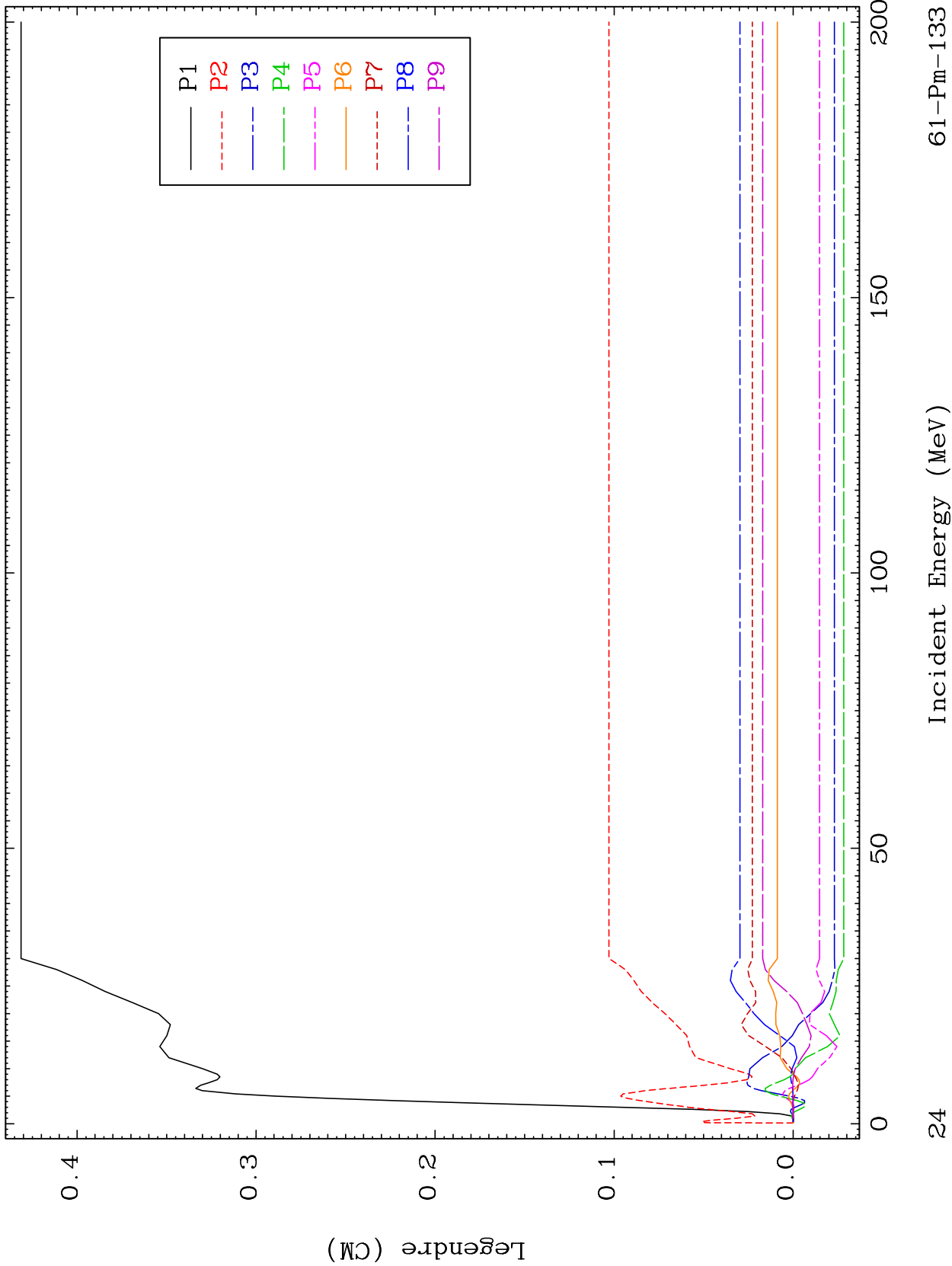
23

61-Pm-133

MAT 6107

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

61-Pm-133



61-Pm-133

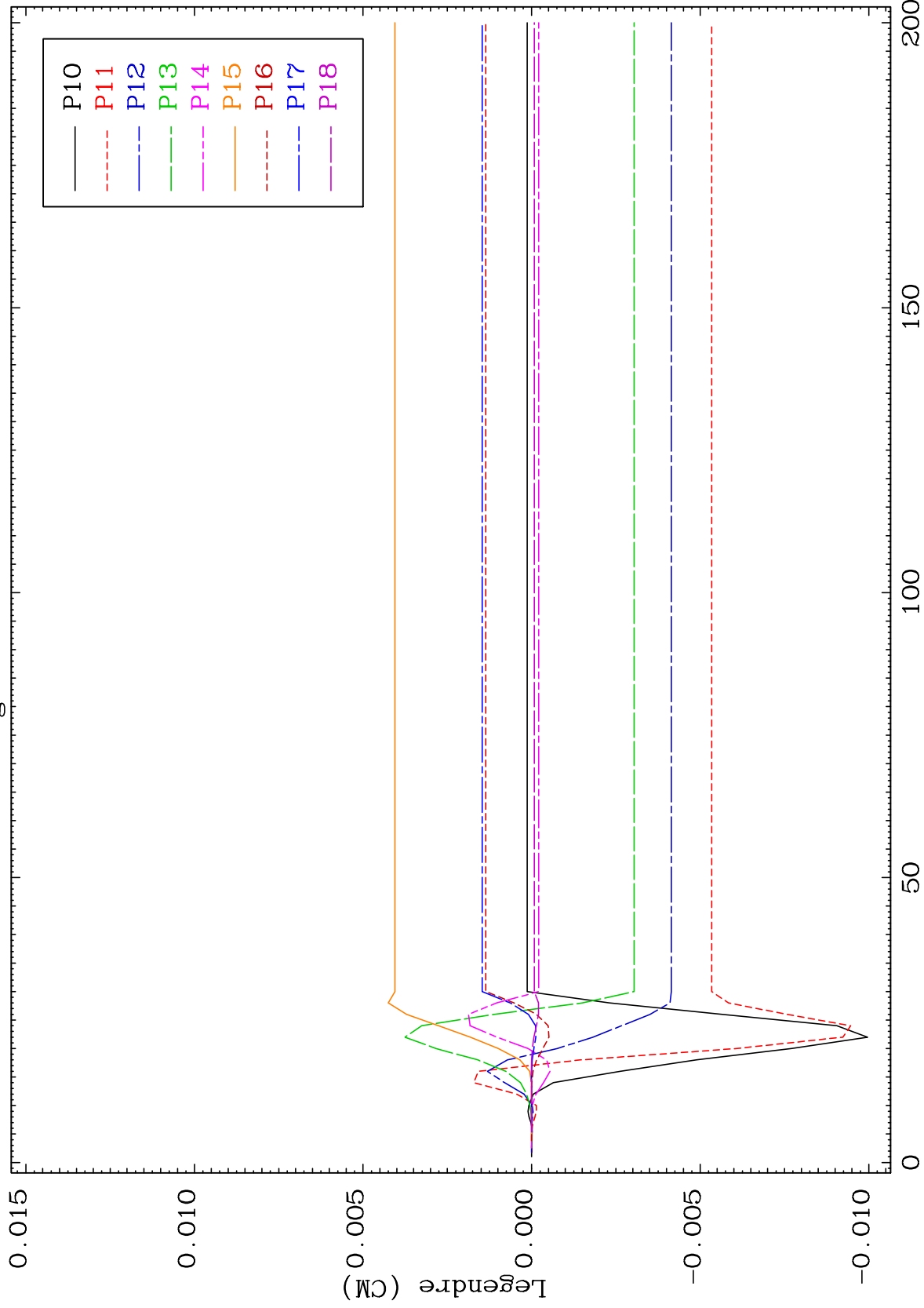
Incident Energy (MeV)

24

MAT 6107

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

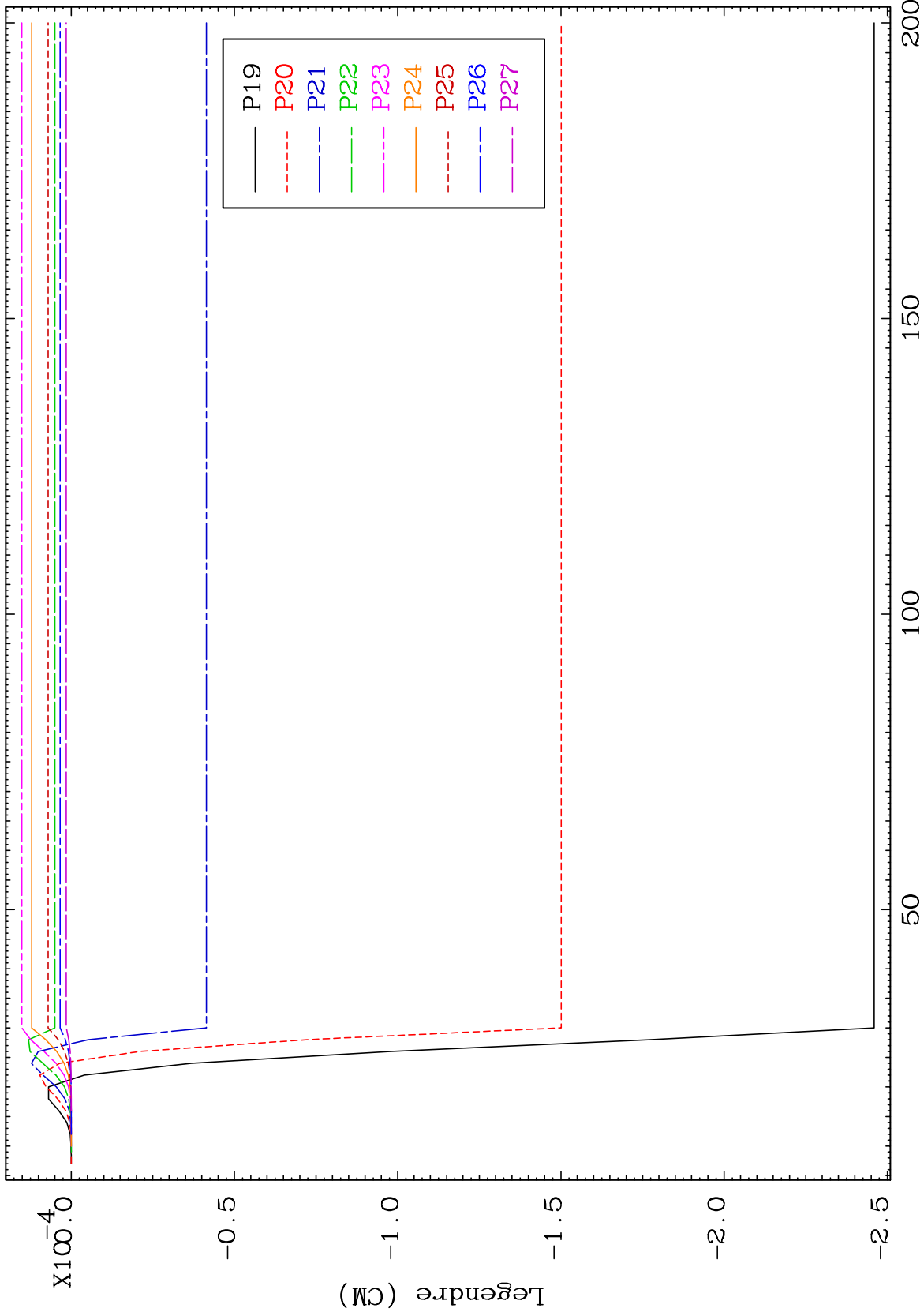
61-Pm-133



25

Incident Energy (MeV)

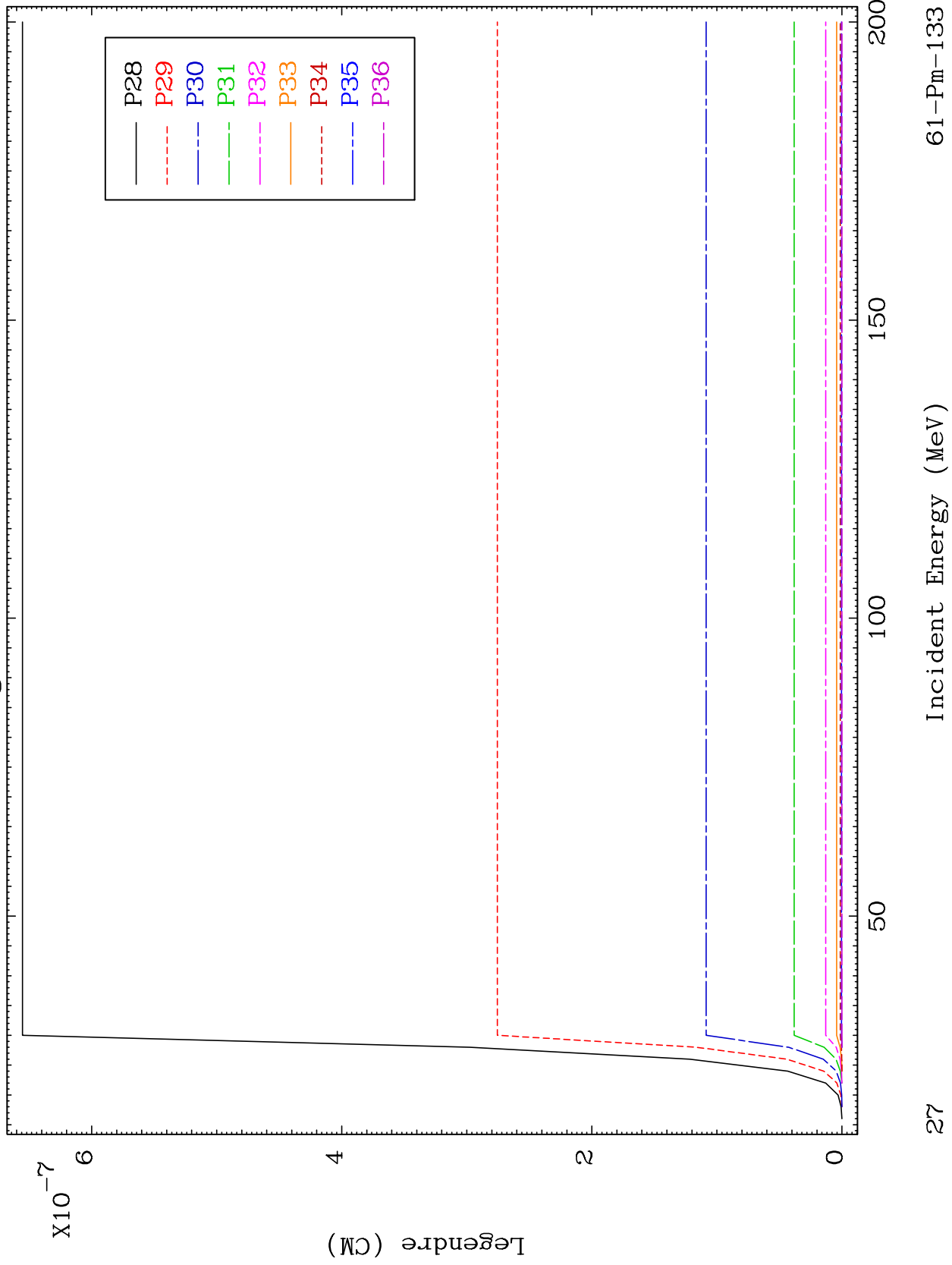
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MAT 6107

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

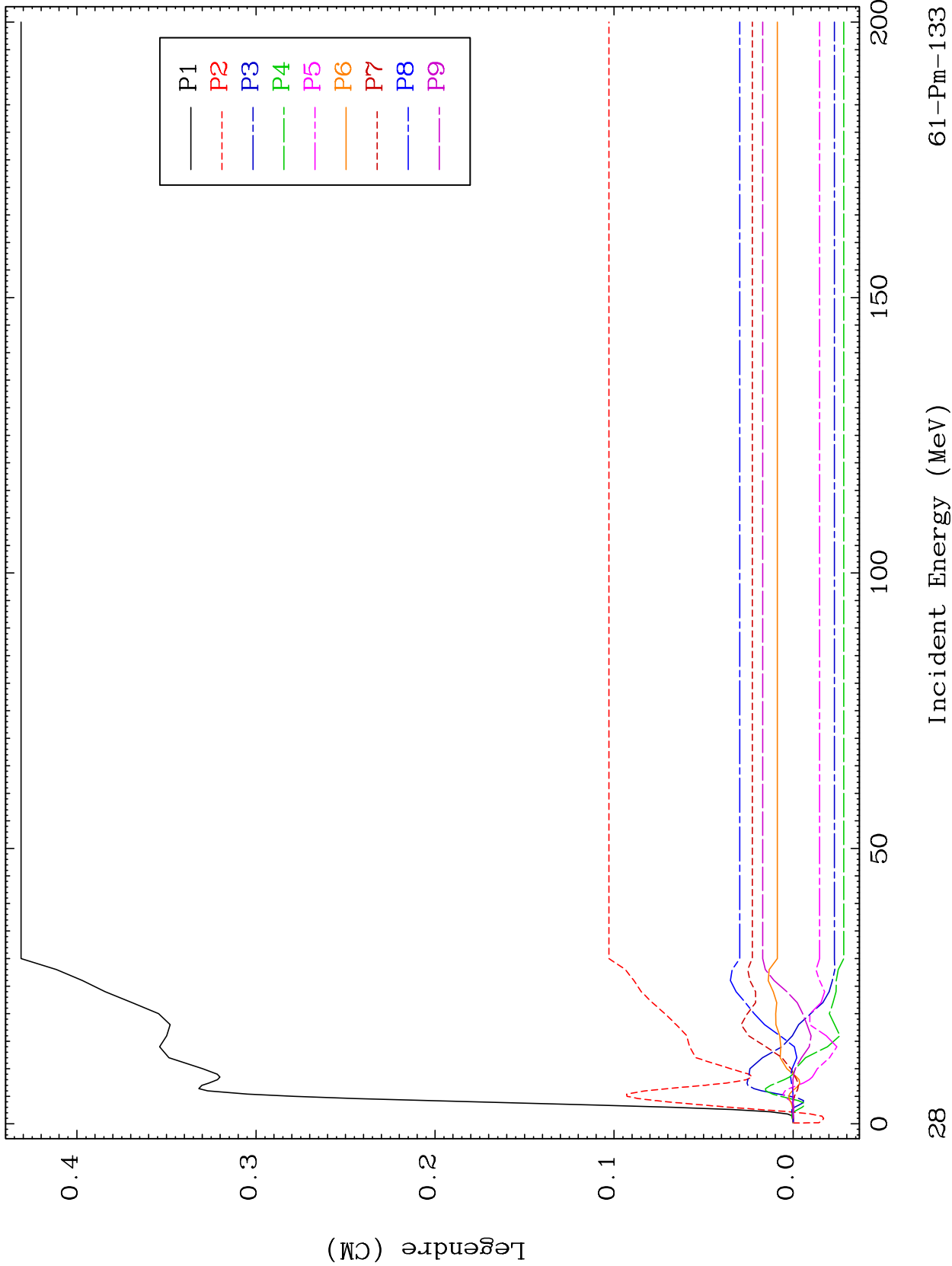
61-Pm-133



MAT 6107

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

61-Pm-133



61-Pm-133

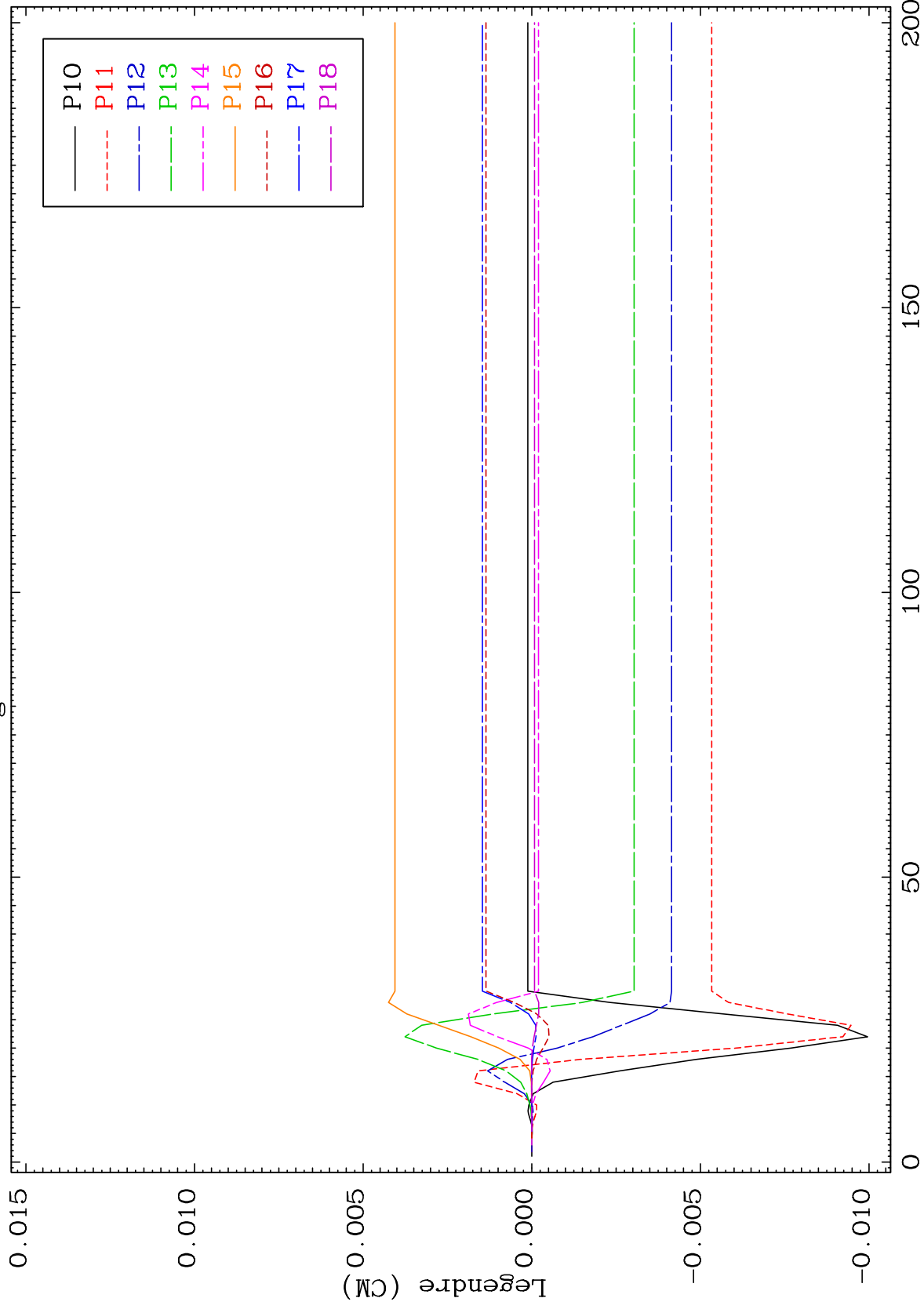
Incident Energy (MeV)

28

MAT 6107

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

61-Pm-133



29

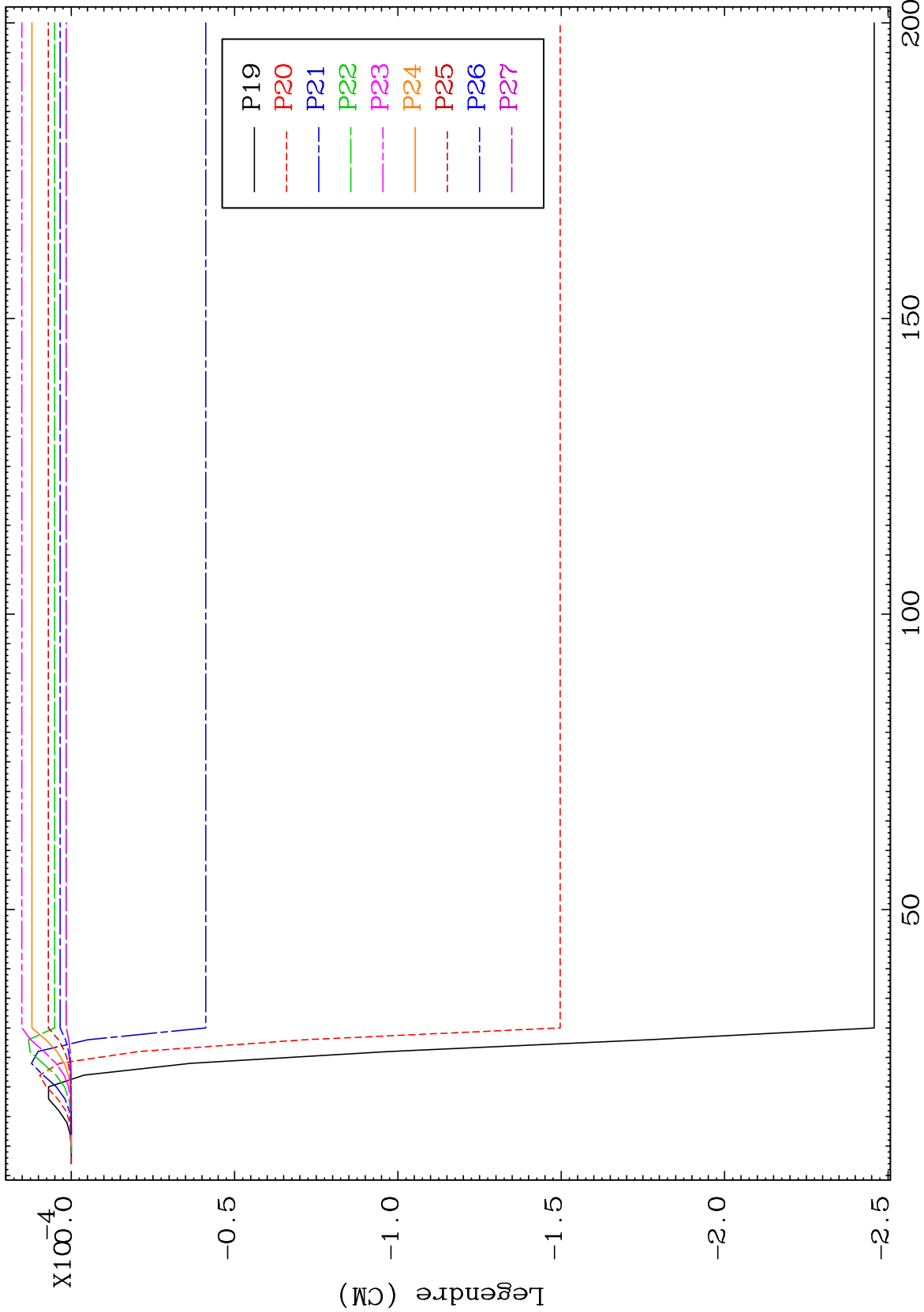
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



30

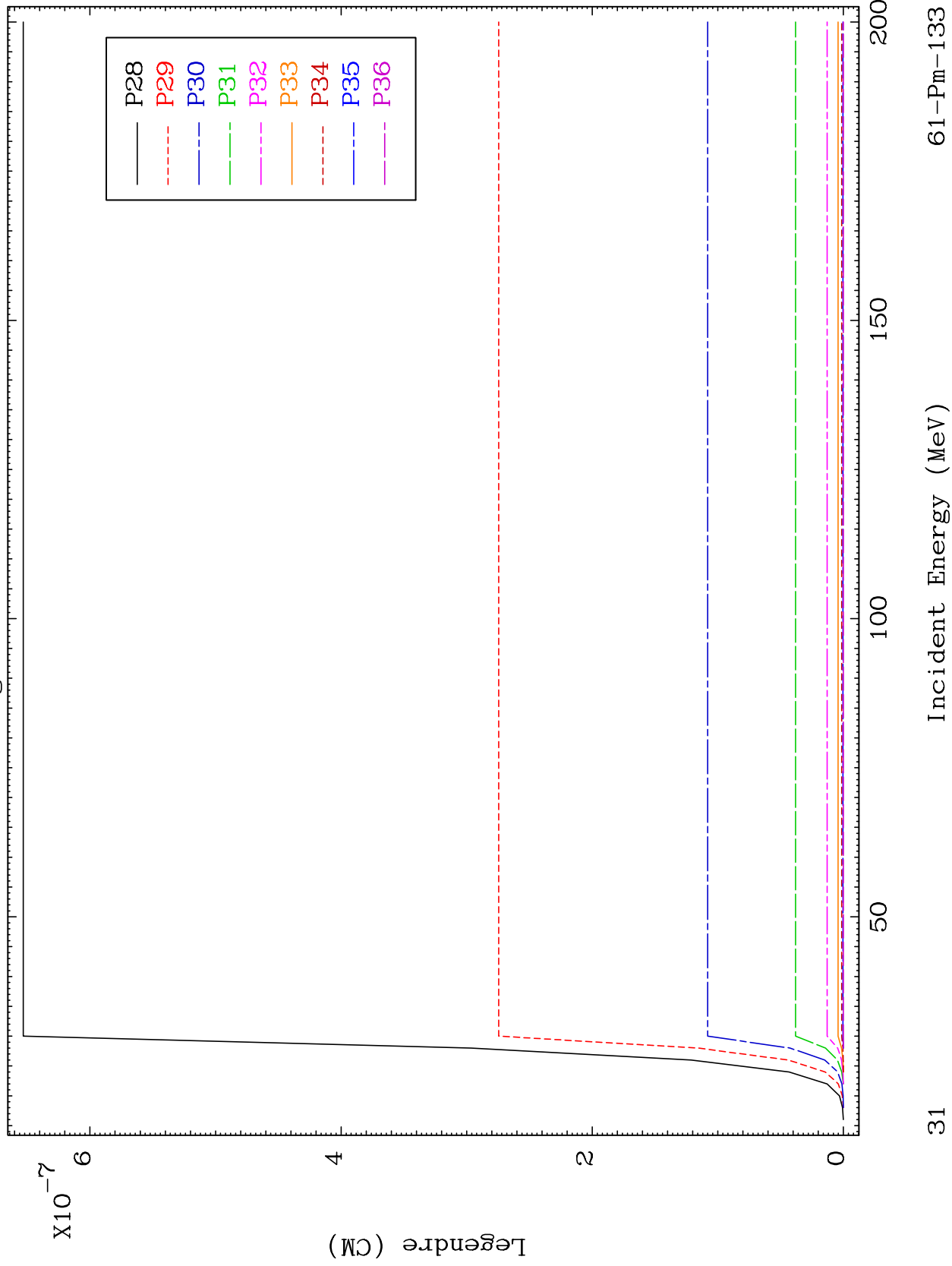
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

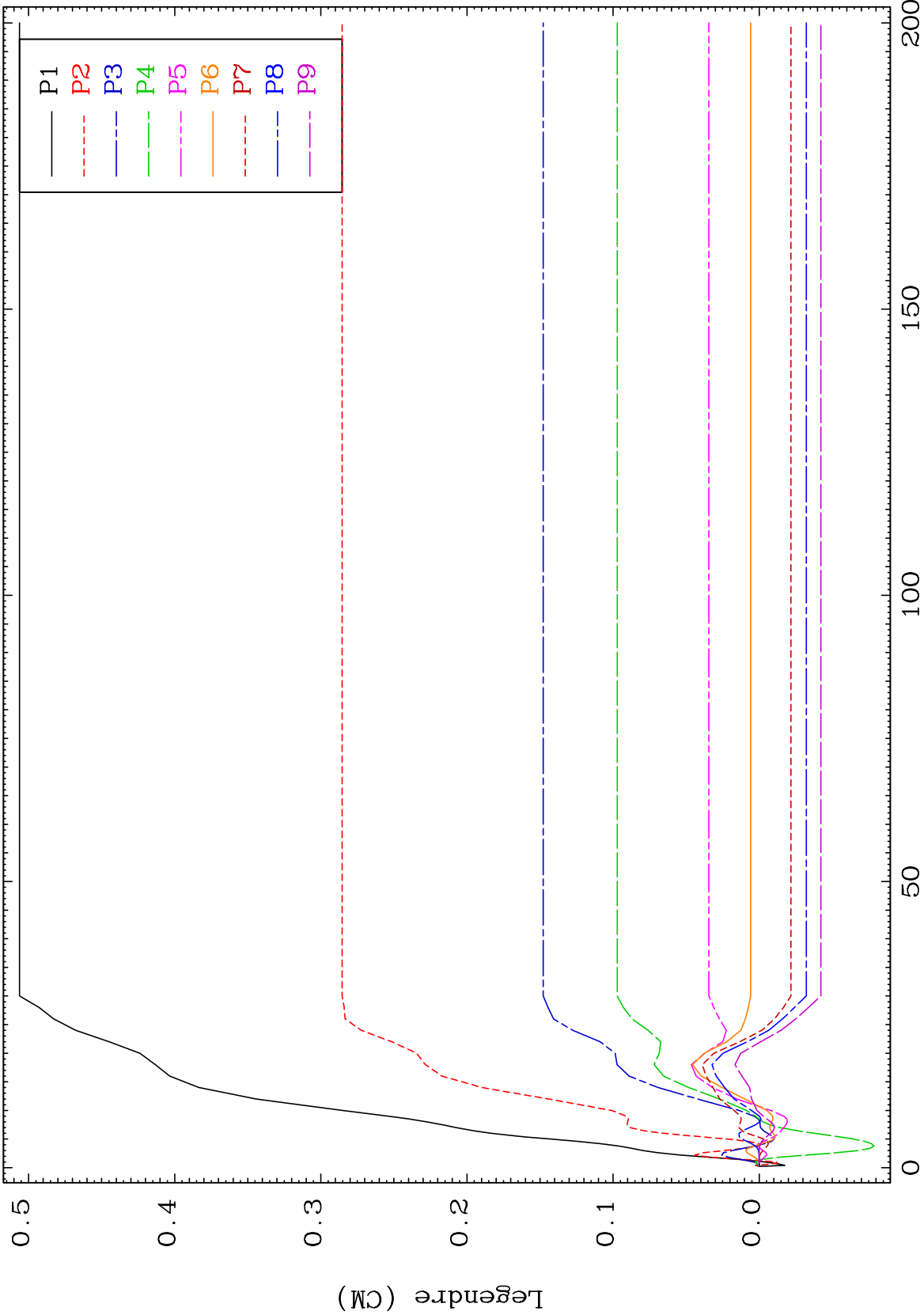
61-Pm-133



31

Incident Energy (MeV)

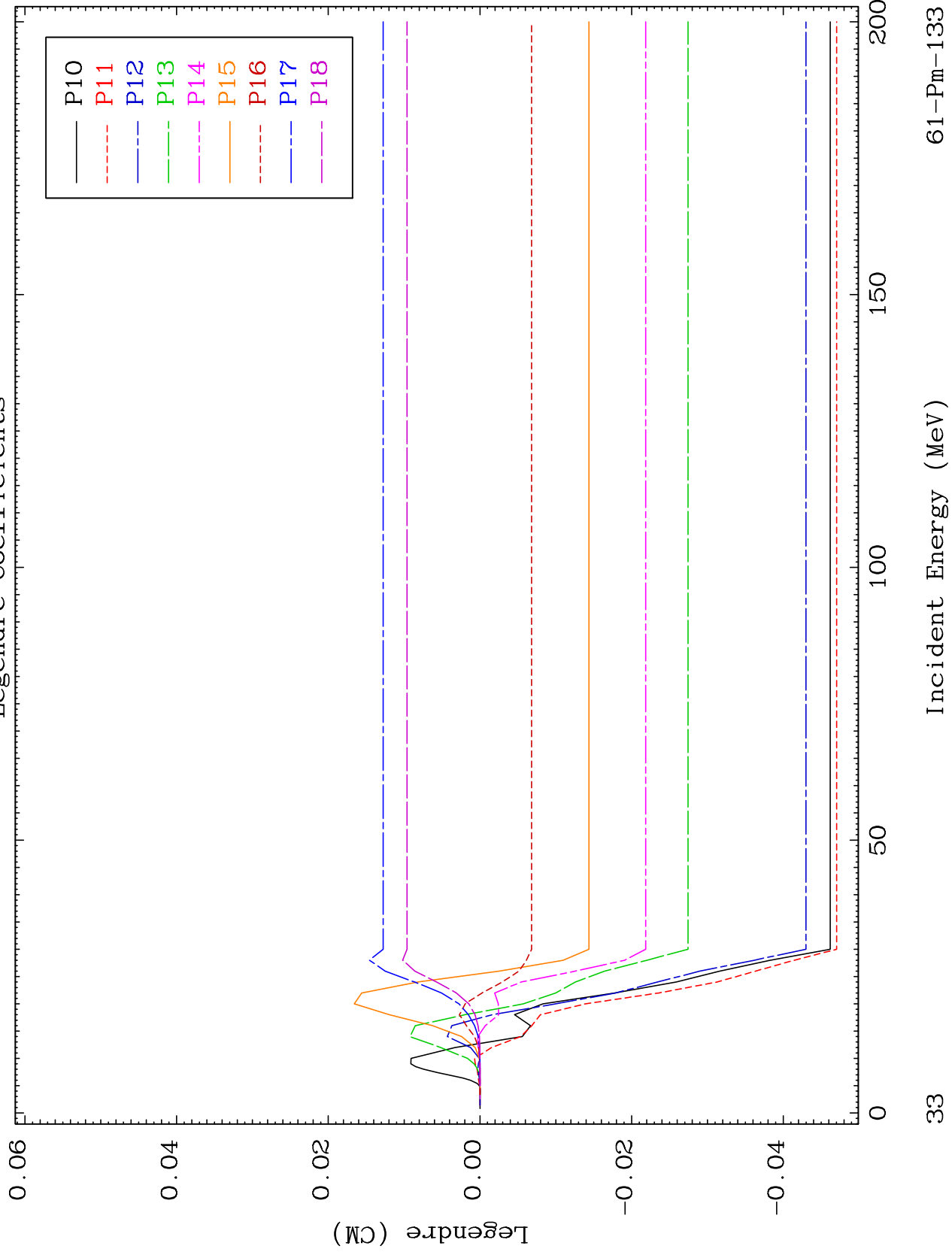
61-Pm-133



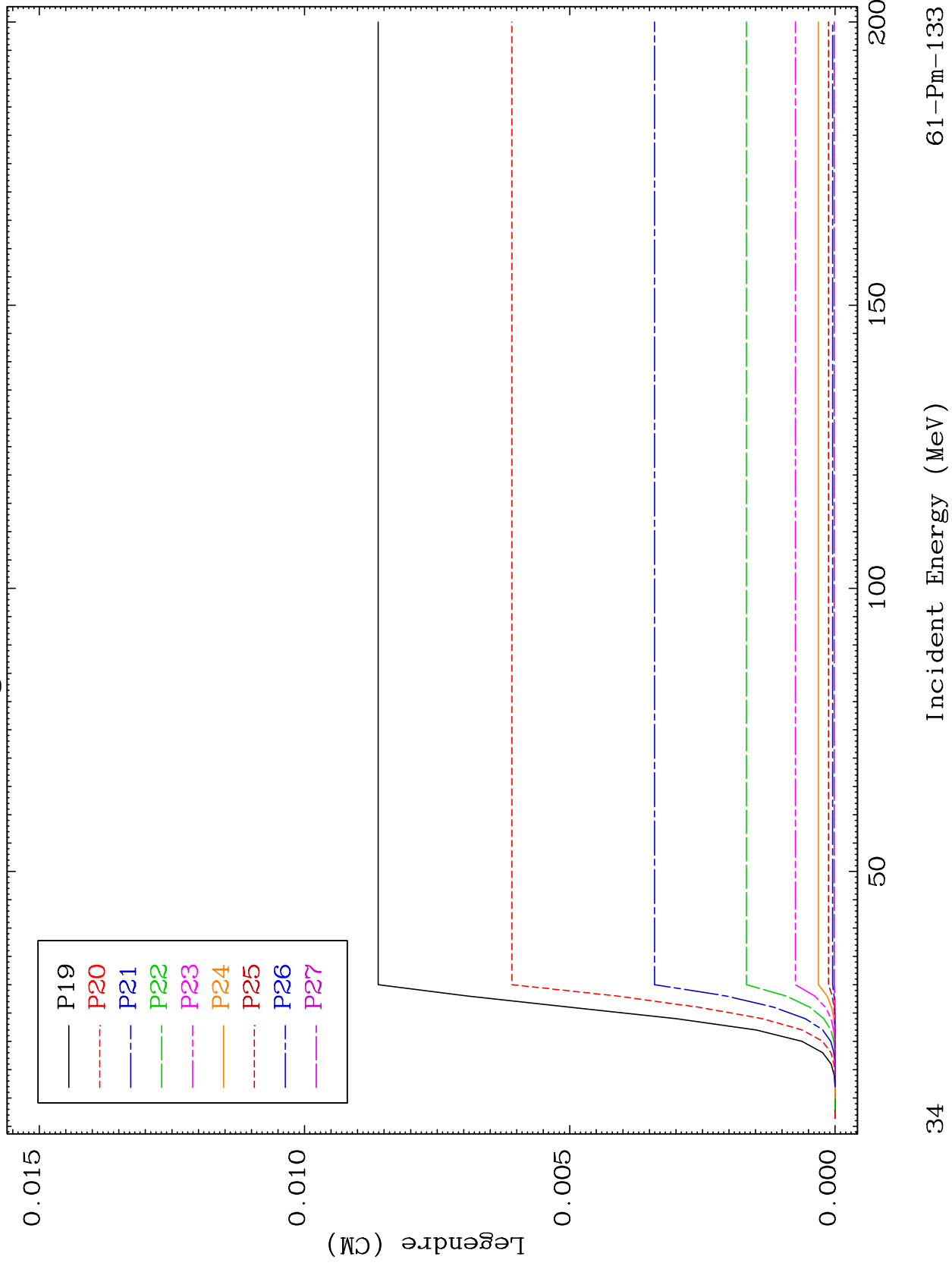
MAT 6107

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

61-Pm-133



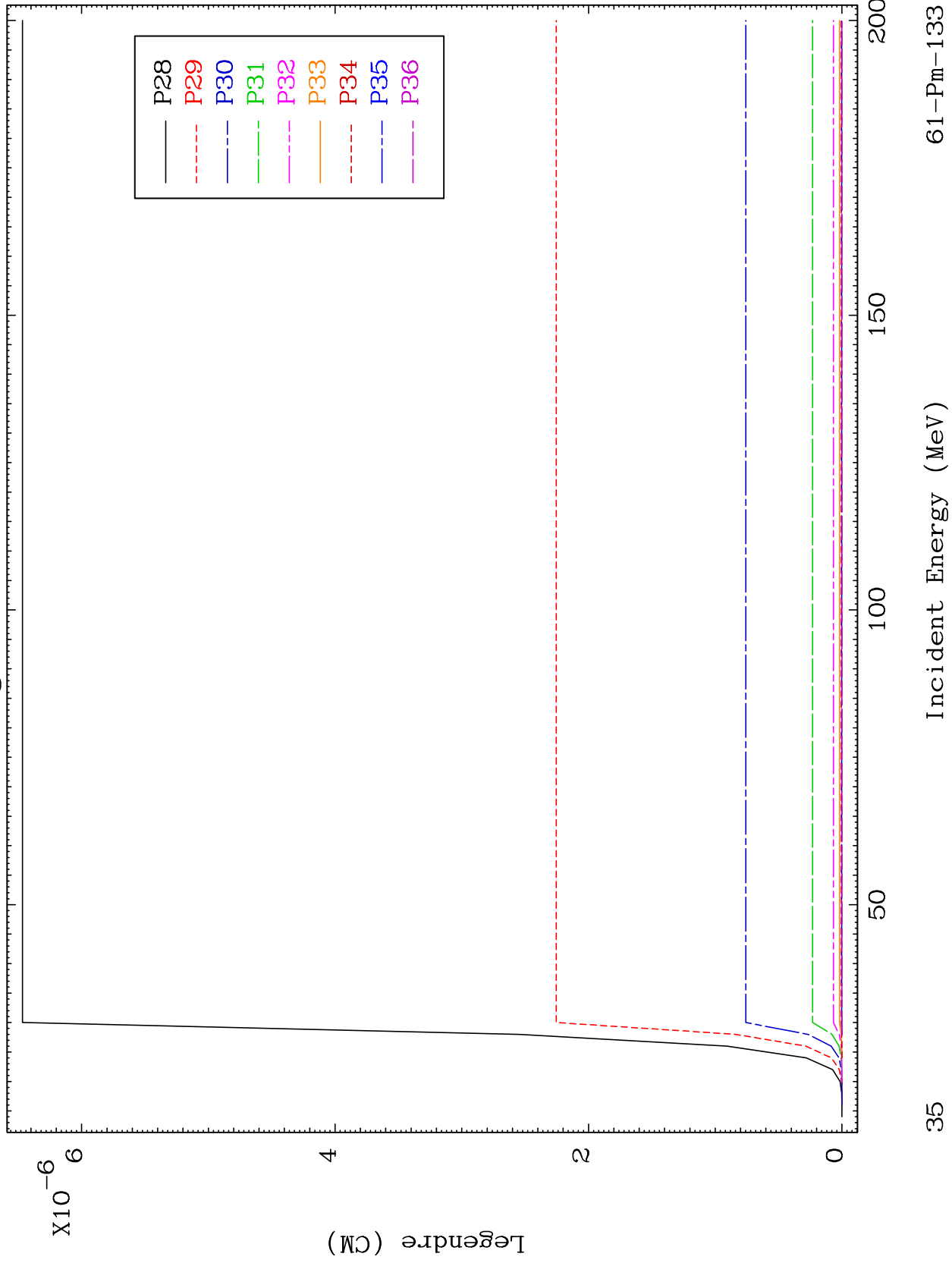
33



MAT 6107

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

61-Pm-133



35

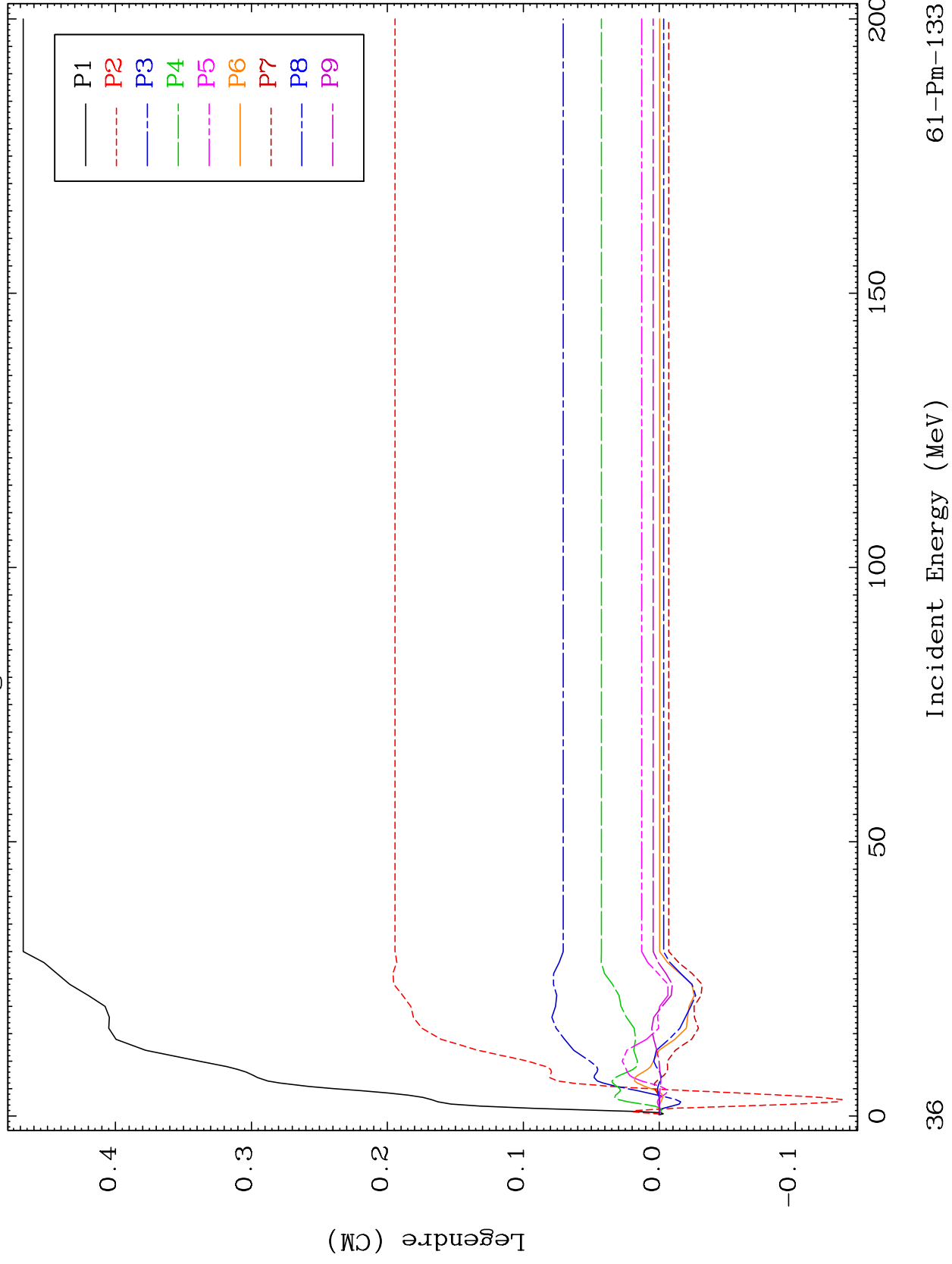
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



61-Pm-133

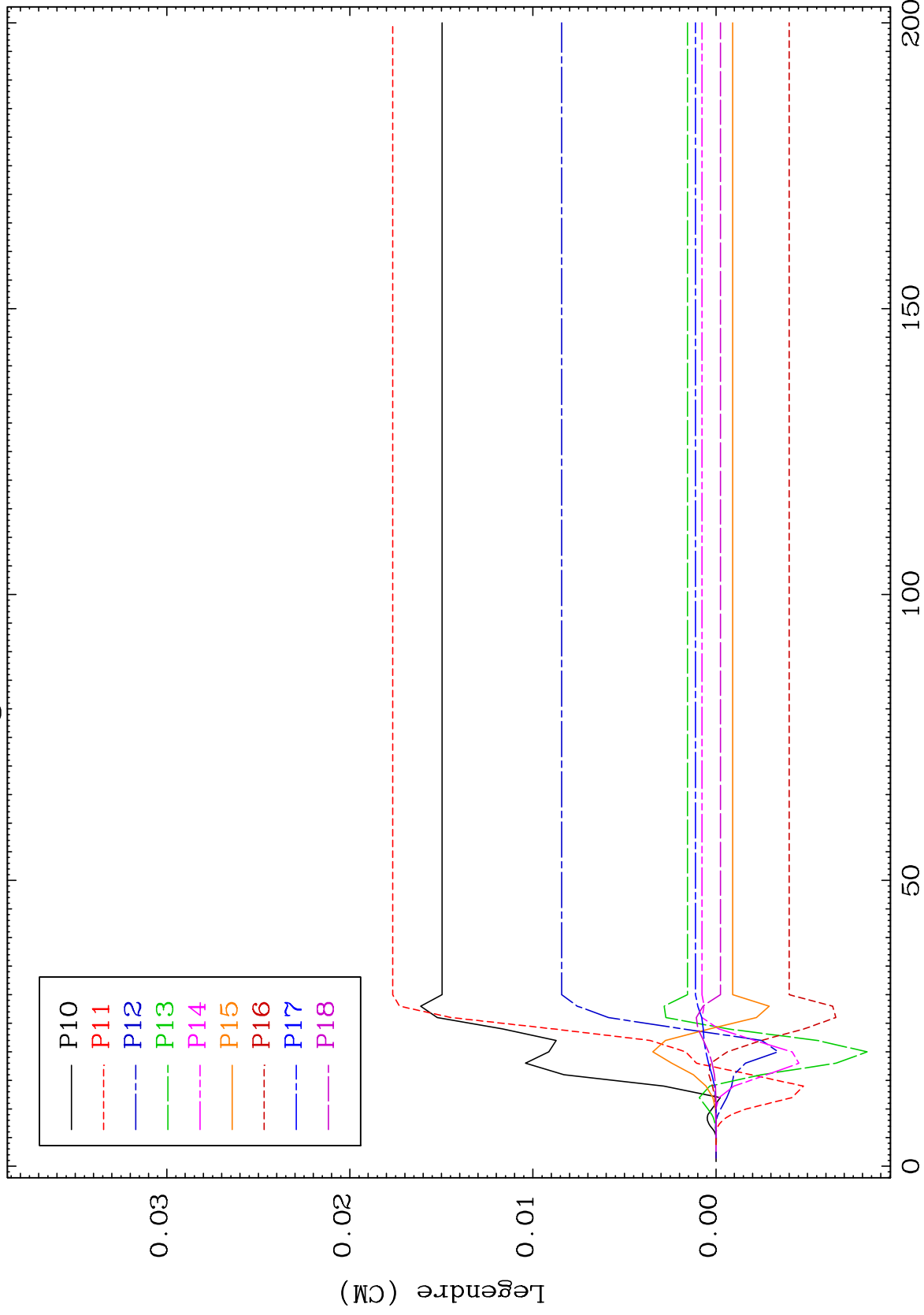
Incident Energy (MeV)

36

MAT 6107

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

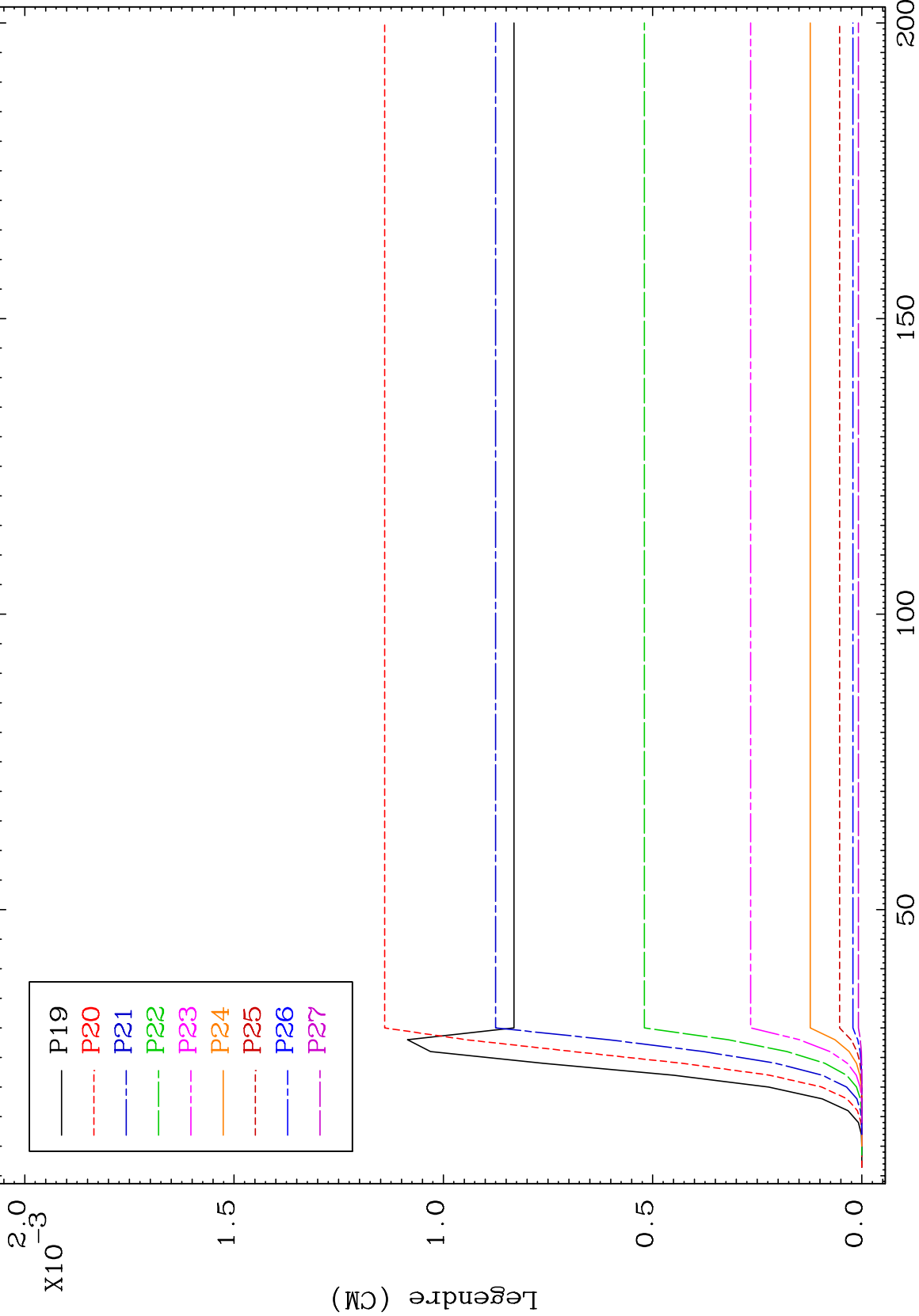
61-Pm-133



37

Incident Energy (MeV)

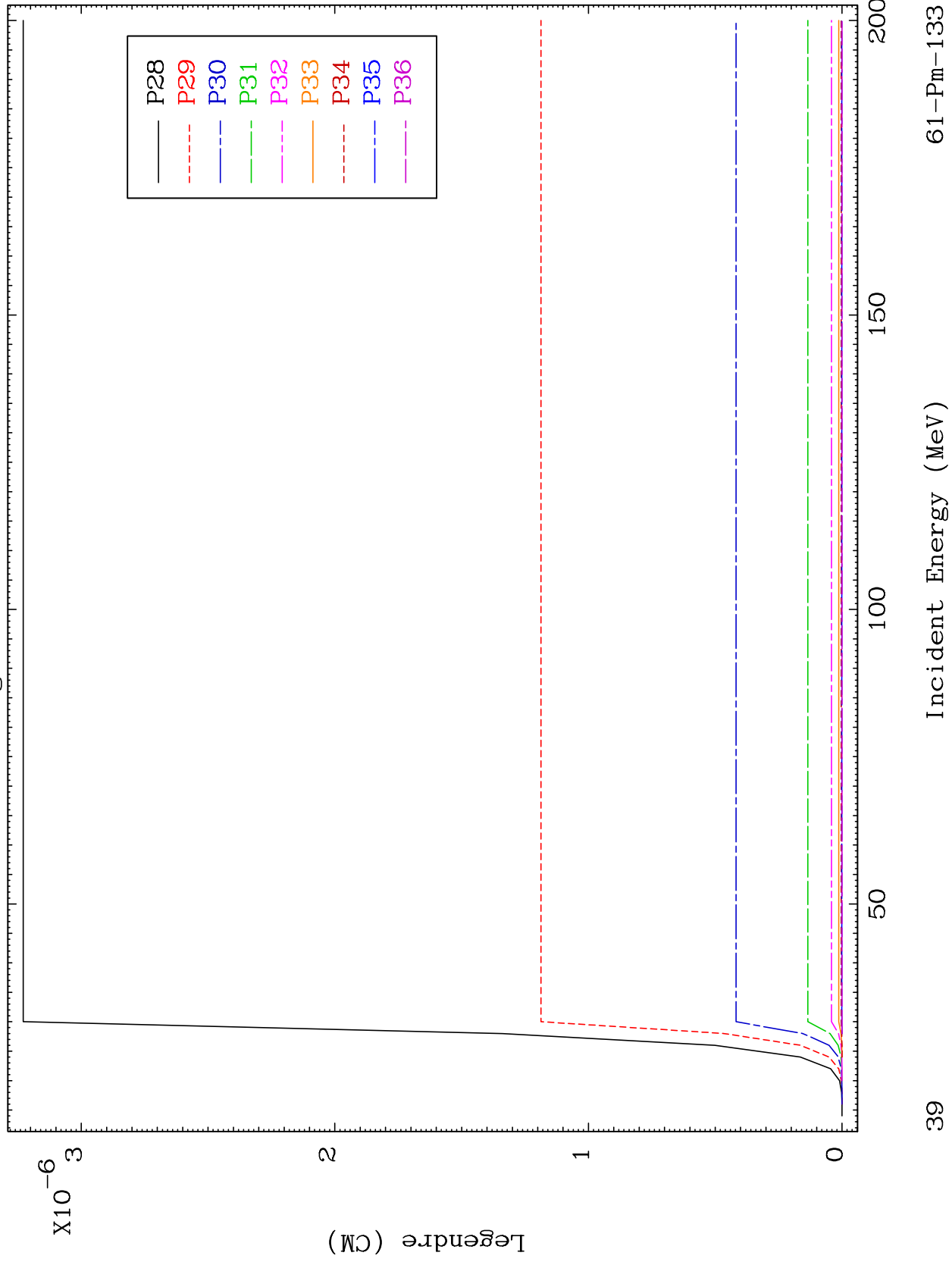
61-Pm-133



MAT 6107

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

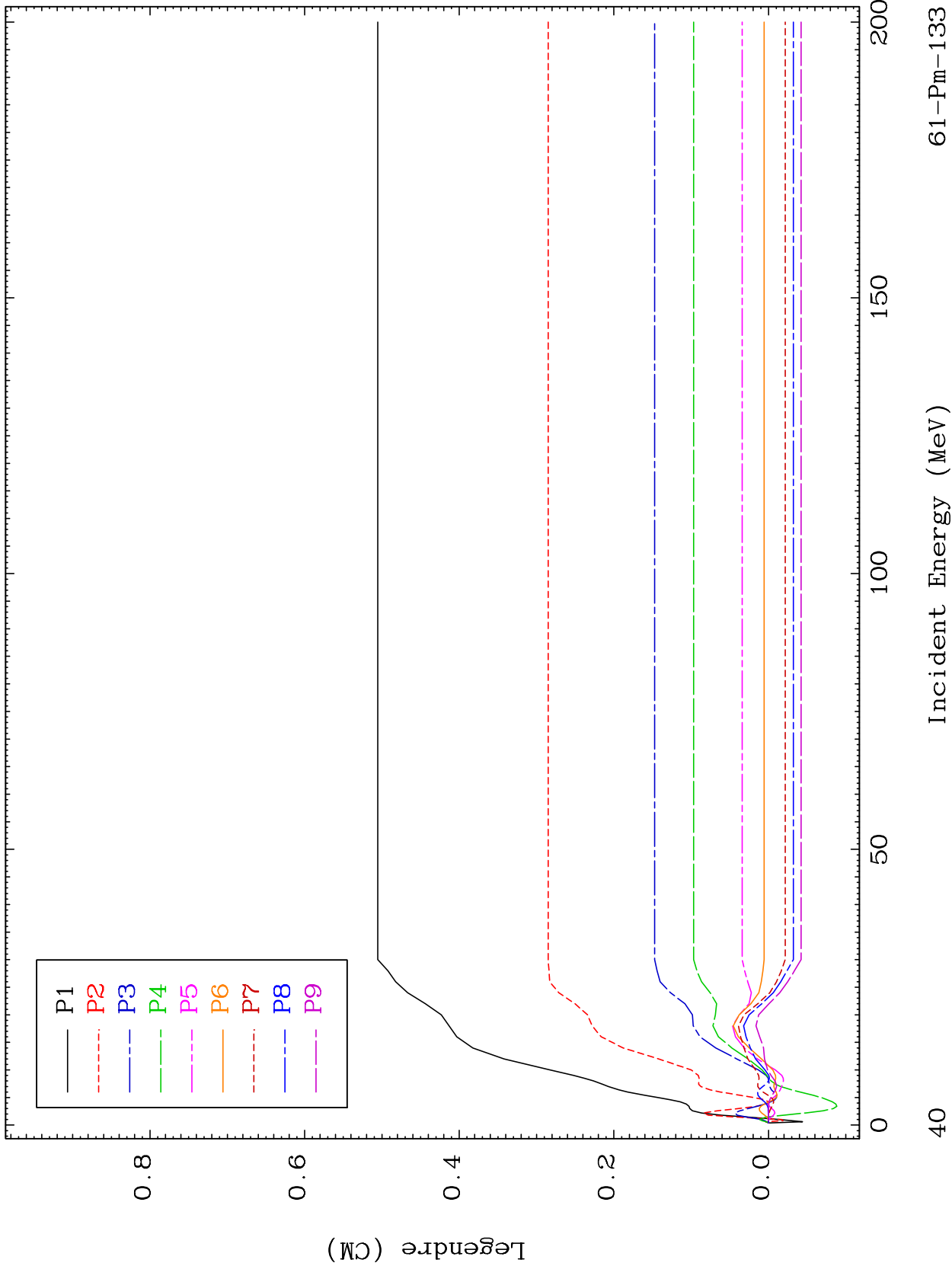
61-Pm-133



MAT 6107

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

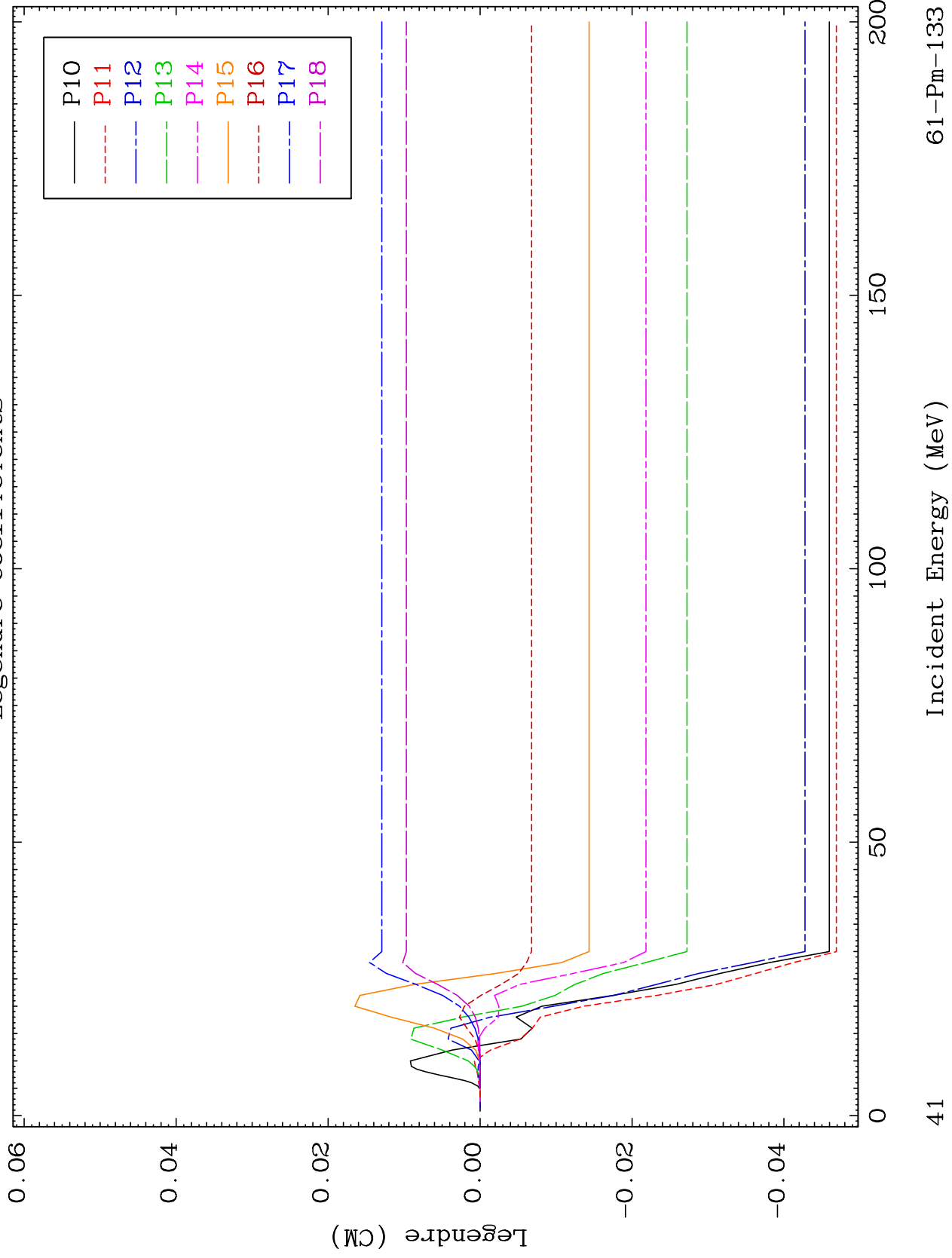
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MAT 6107

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

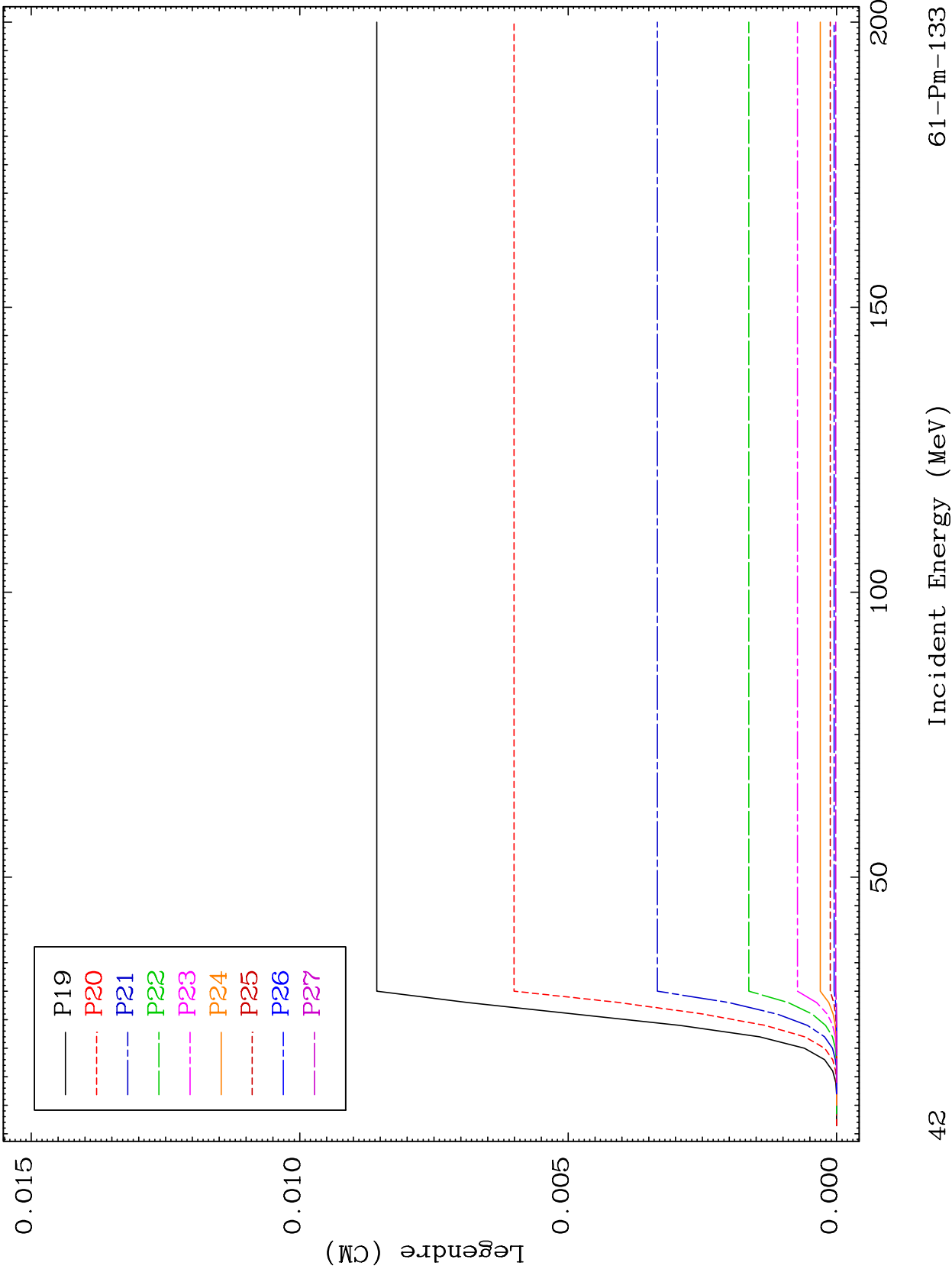
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41

Incident Energy (MeV)

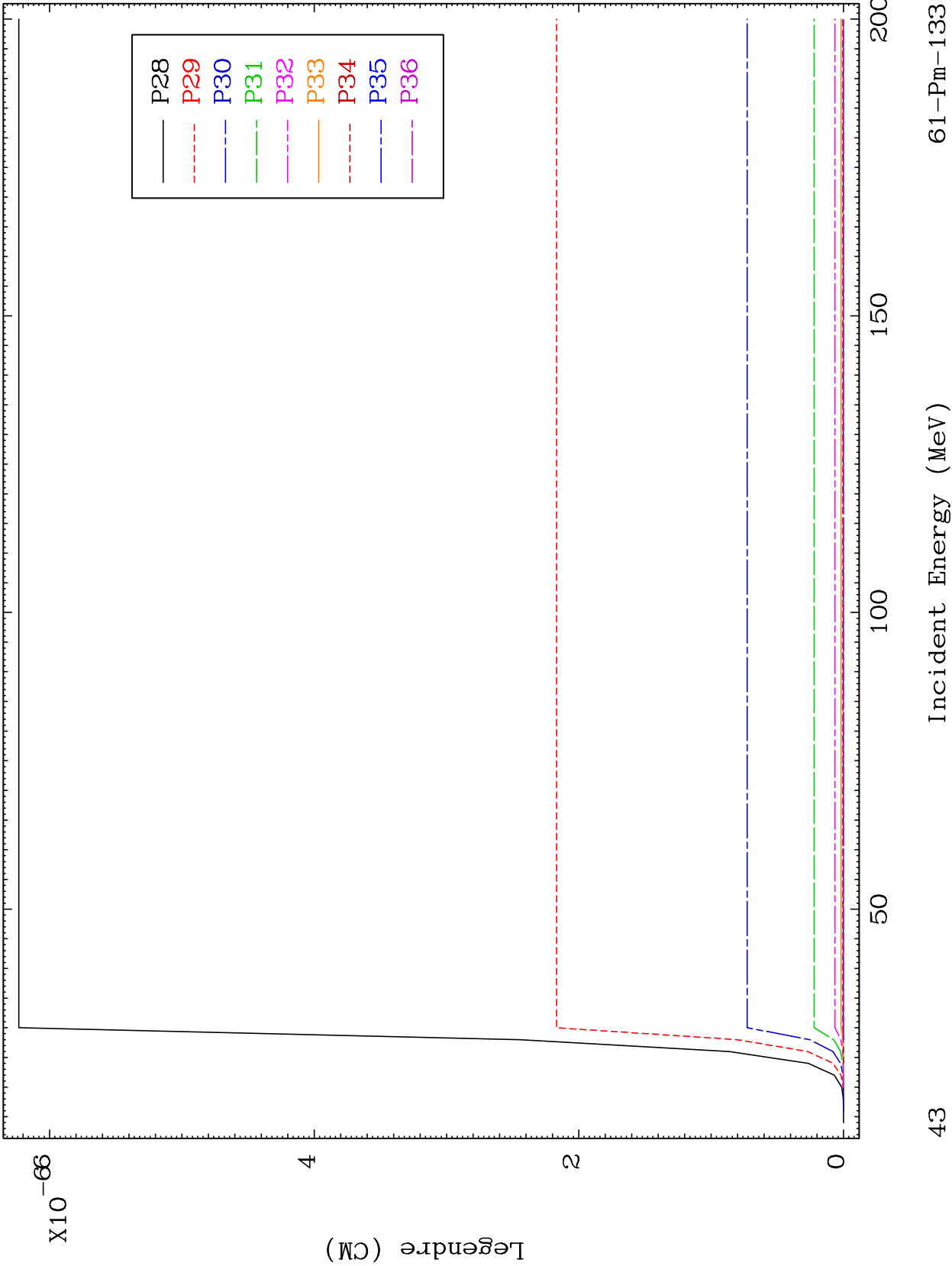
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MAT 6107

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

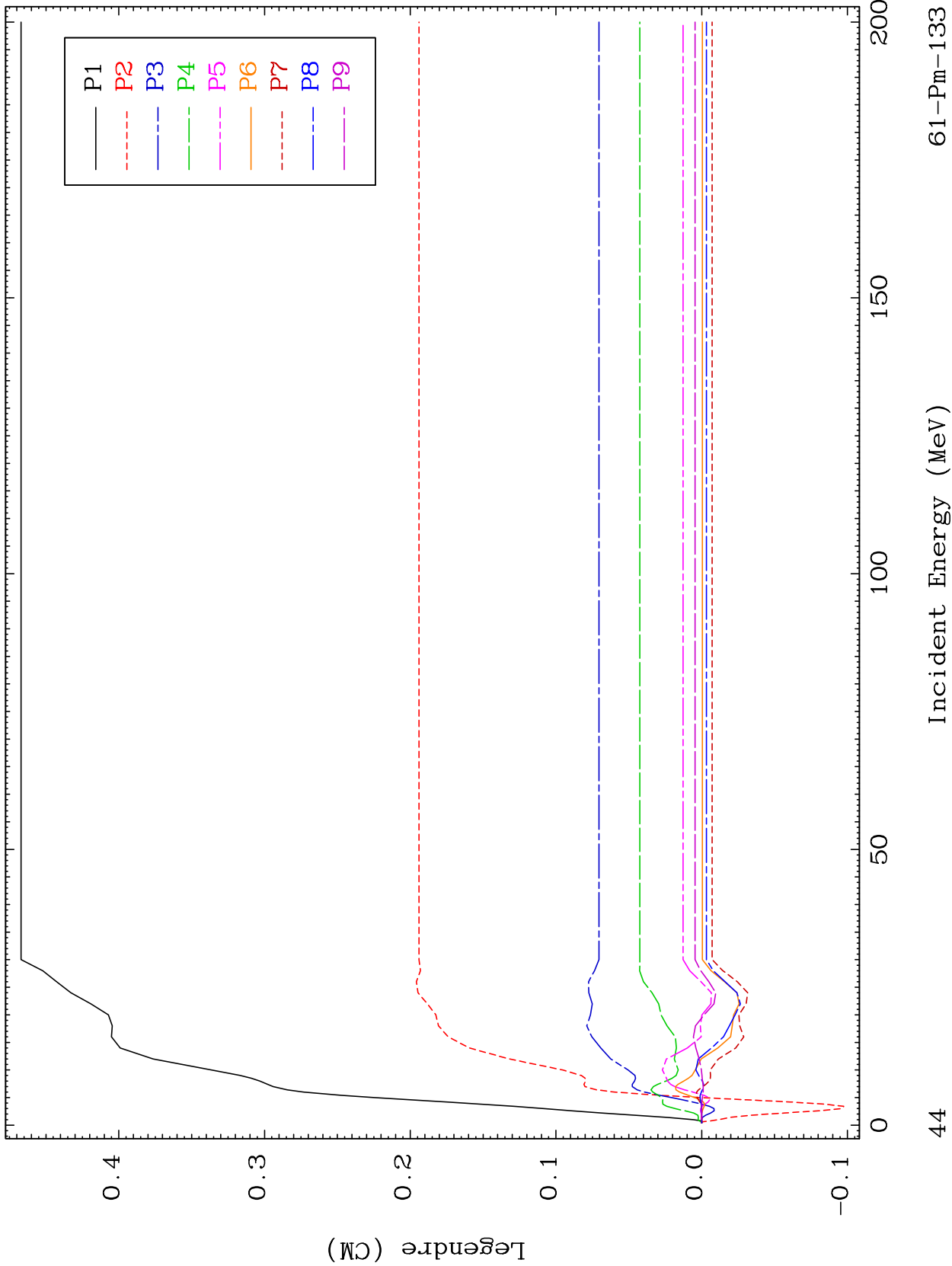
61-Pm-133



MAT 6107

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

61-Pm-133



61-Pm-133

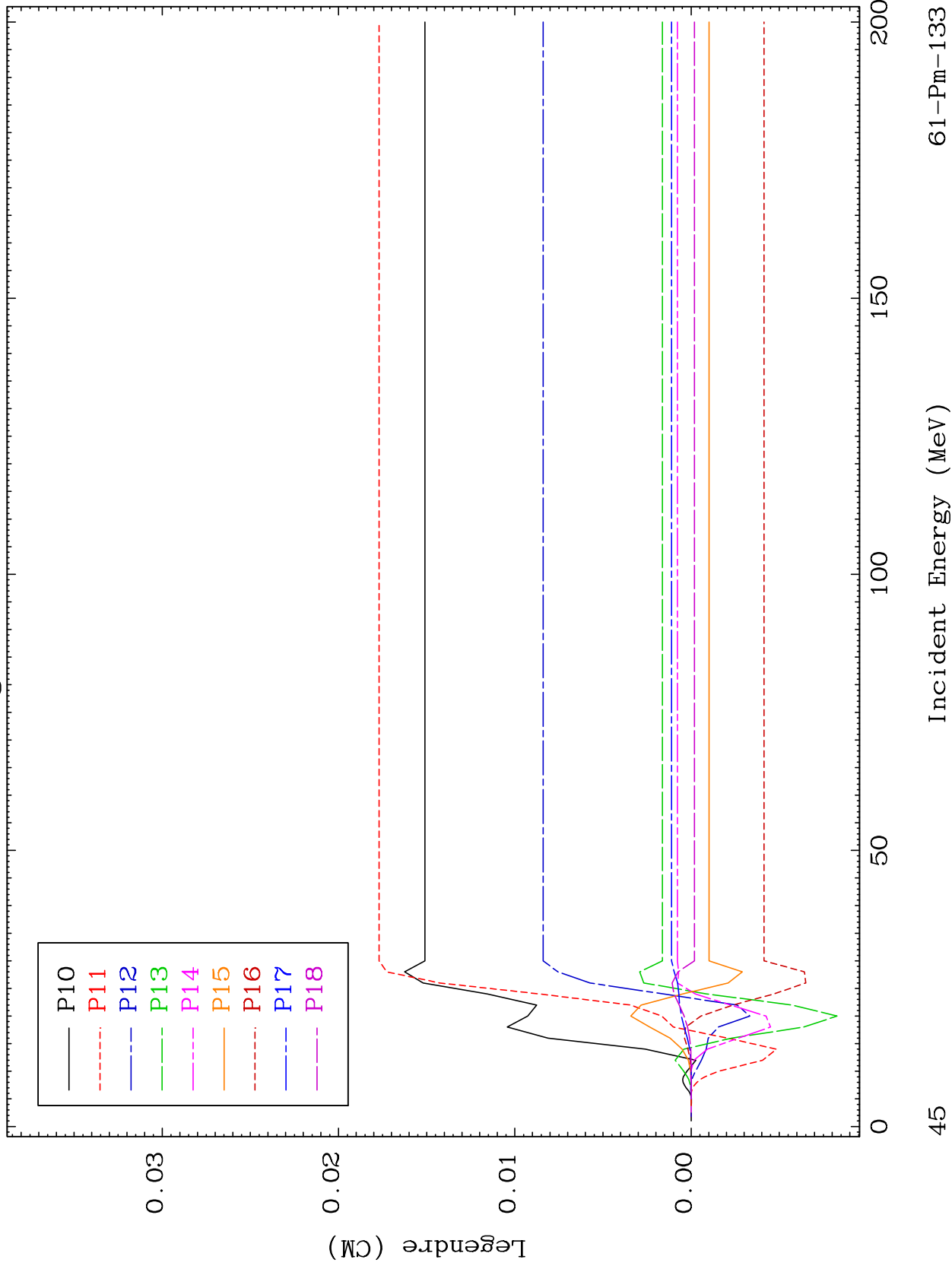
Incident Energy (MeV)

44

MAT 6107

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

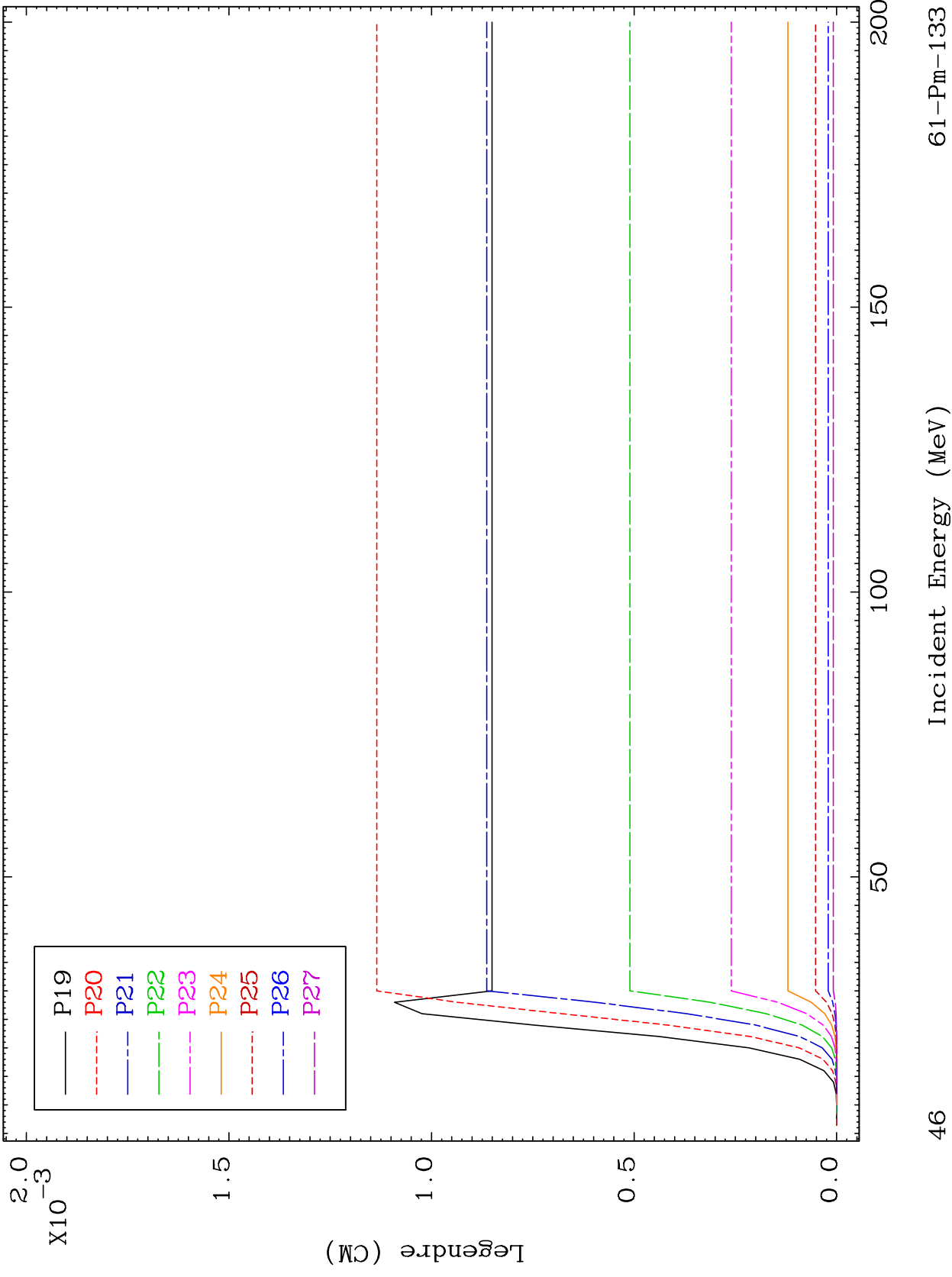
61-Pm-133



61-Pm-133

Incident Energy (MeV)

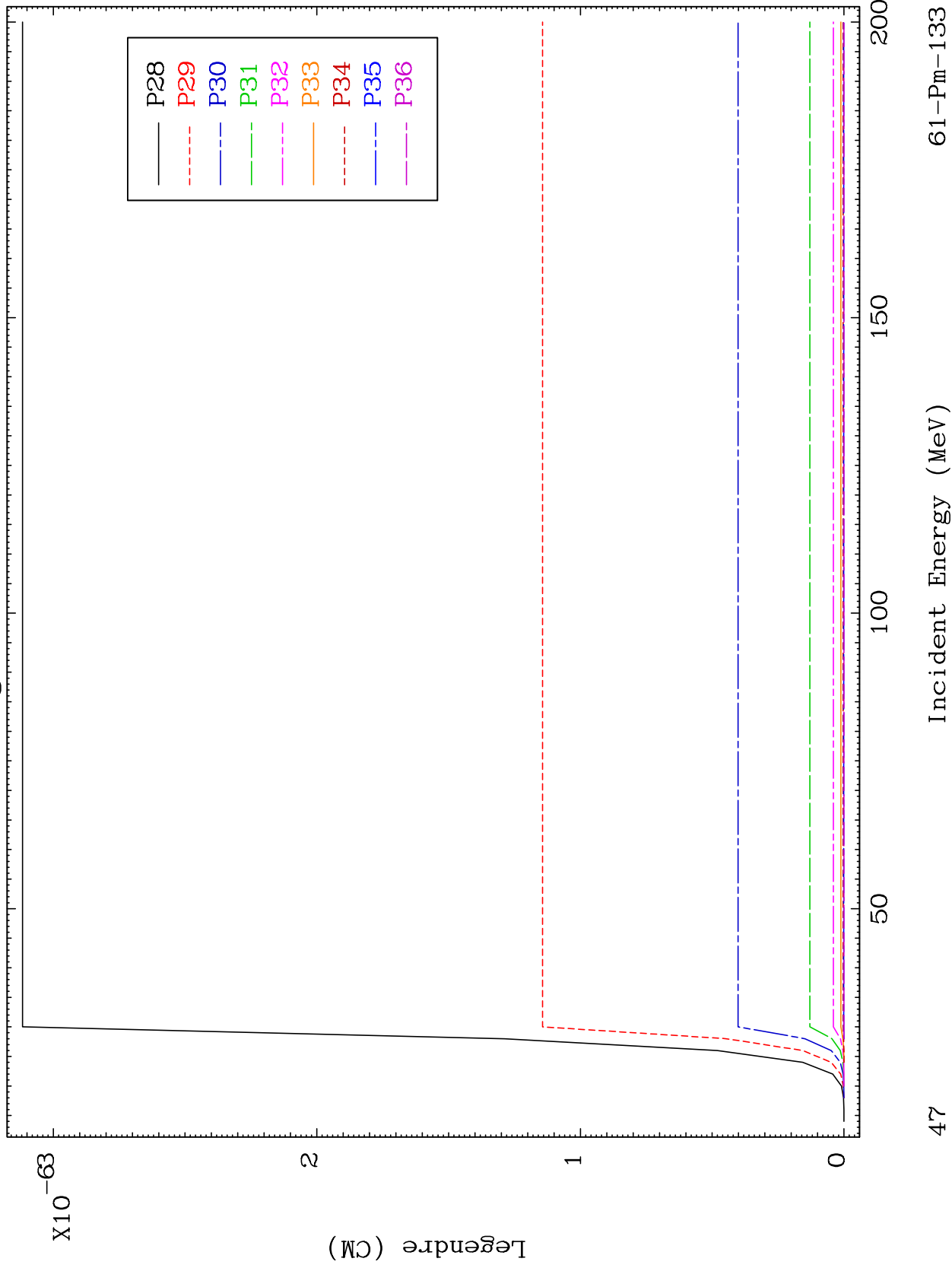
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MAT 6107

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

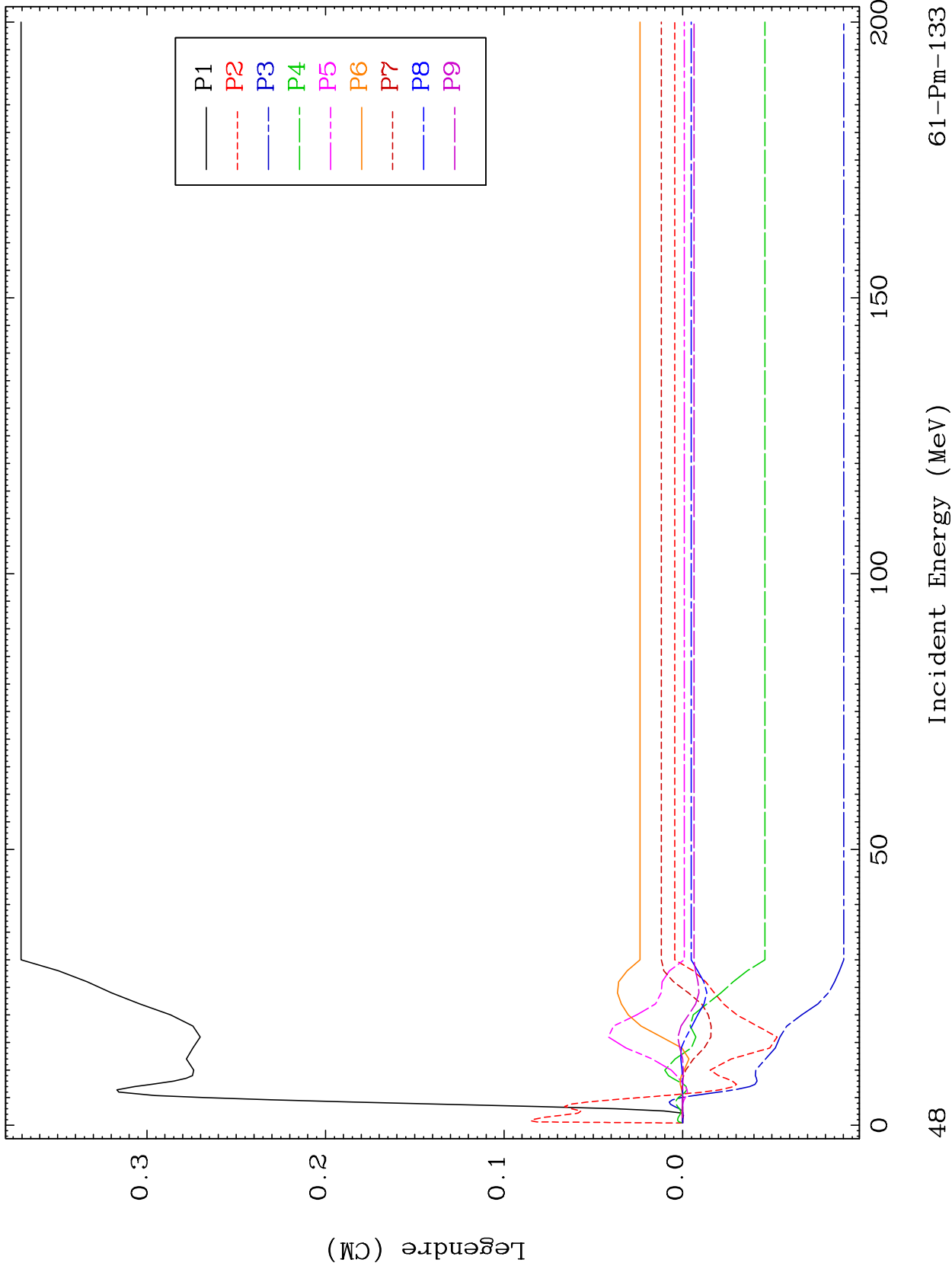
61-Pm-133



MAT 6107

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

61-Pm-133



61-Pm-133

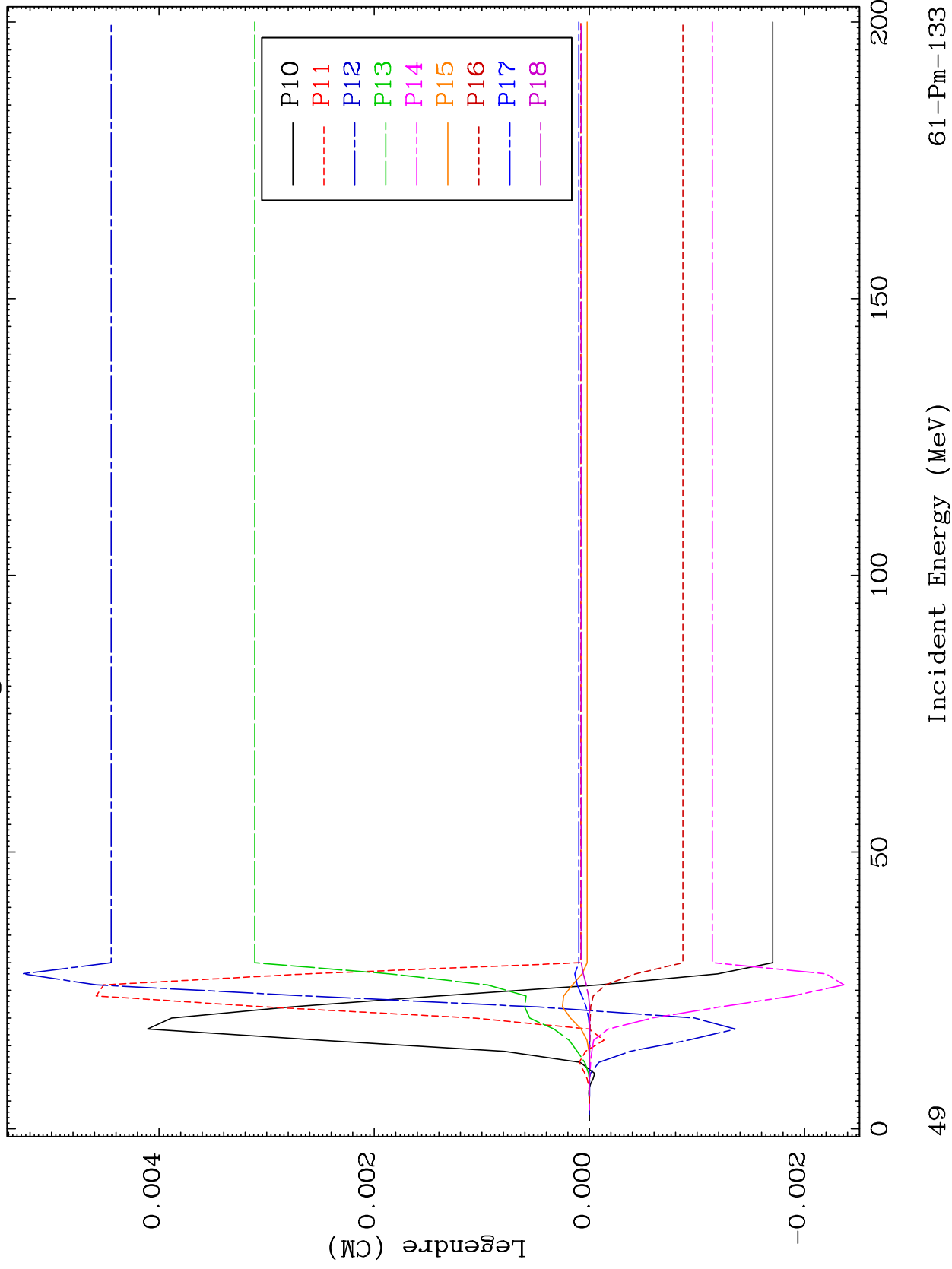
Incident Energy (MeV)

48

MAT 6107

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

61-Pm-133



61-Pm-133

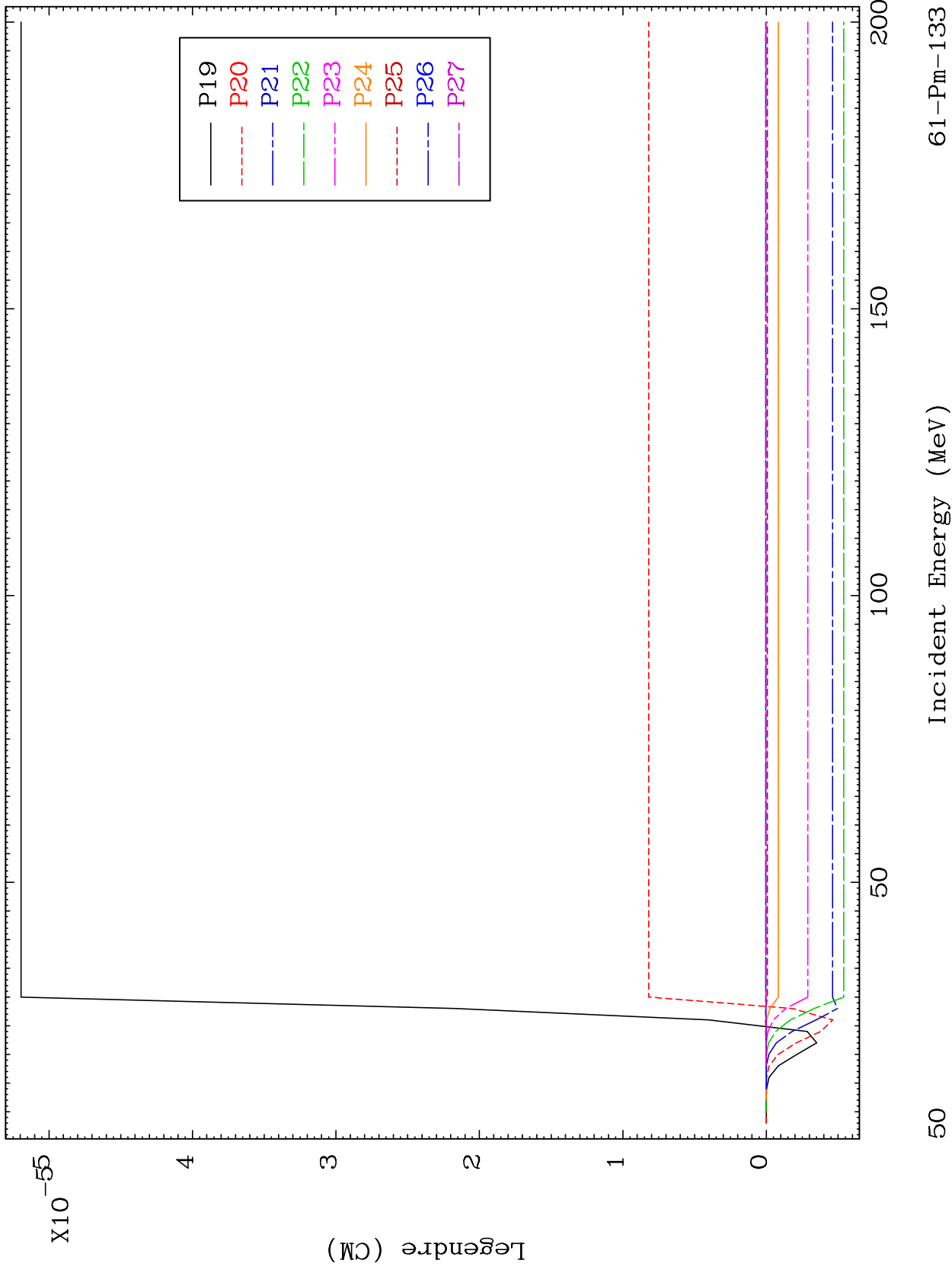
Incident Energy (MeV)

49

MAT 6107

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

61-Pm-133



61-Pm-133

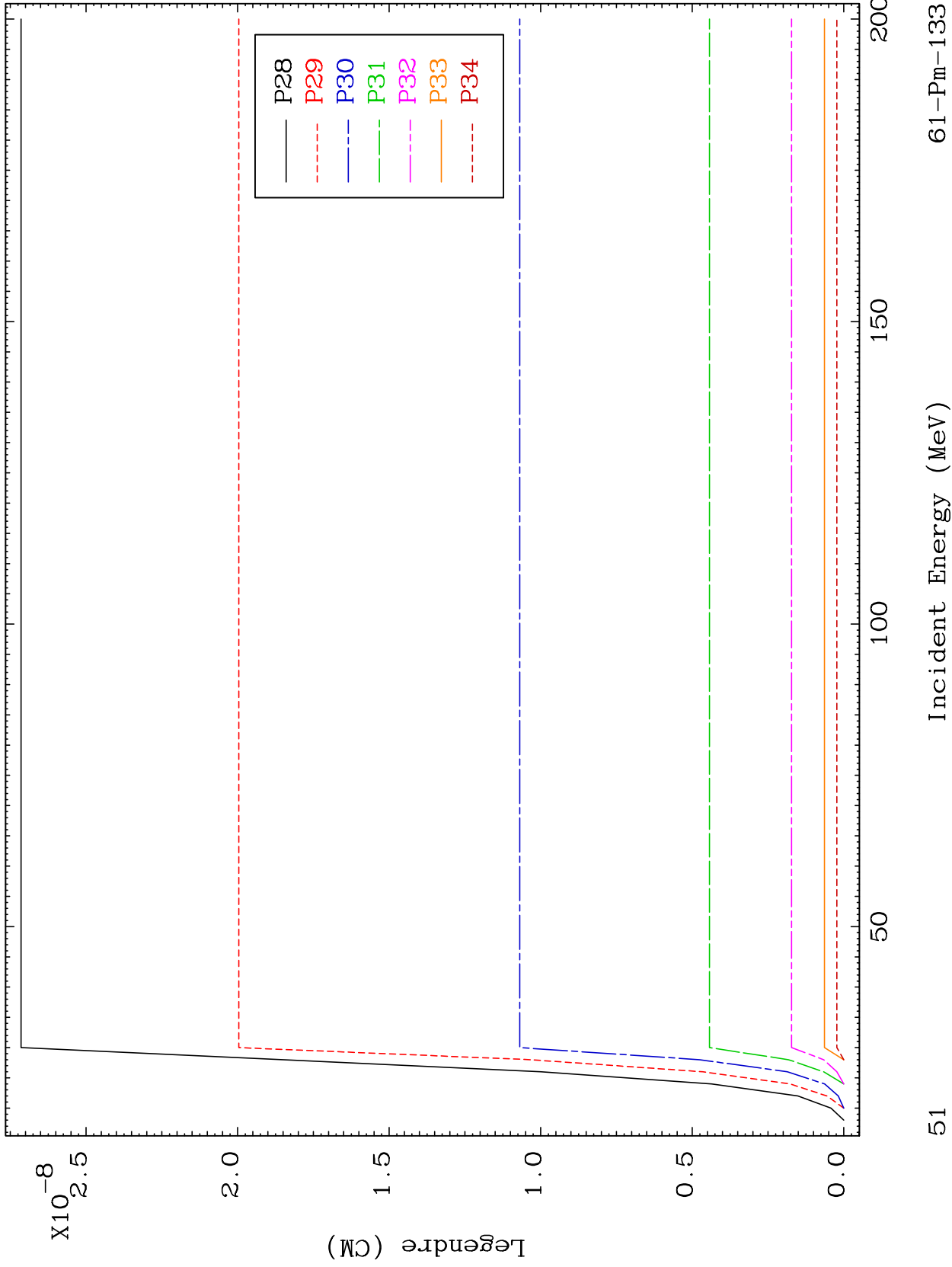
Incident Energy (MeV)

50

MAT 6107

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

61-Pm-133



51

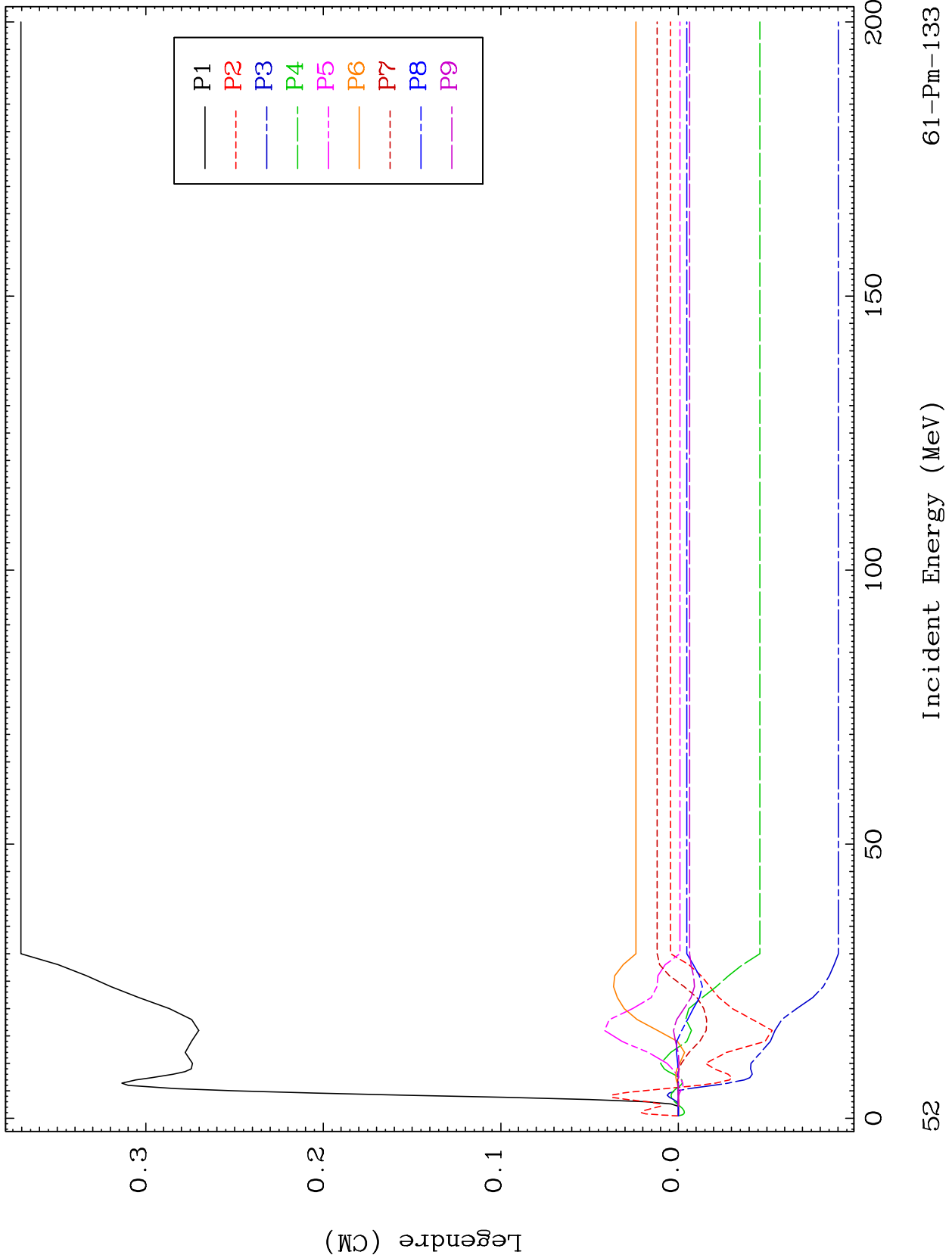
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



61-Pm-133

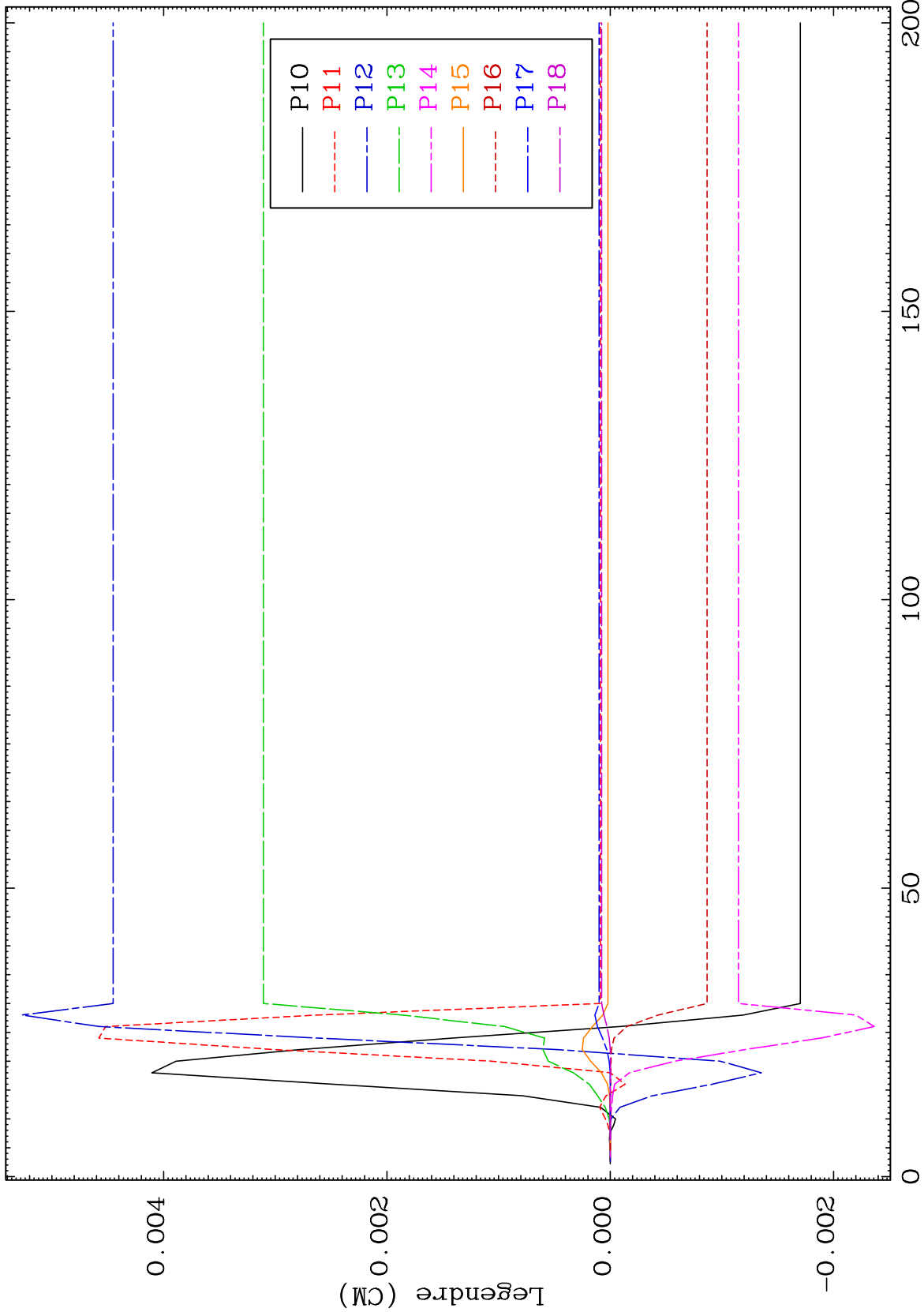
Incident Energy (MeV)

52

MAT 6107

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

61-Pm-133



53

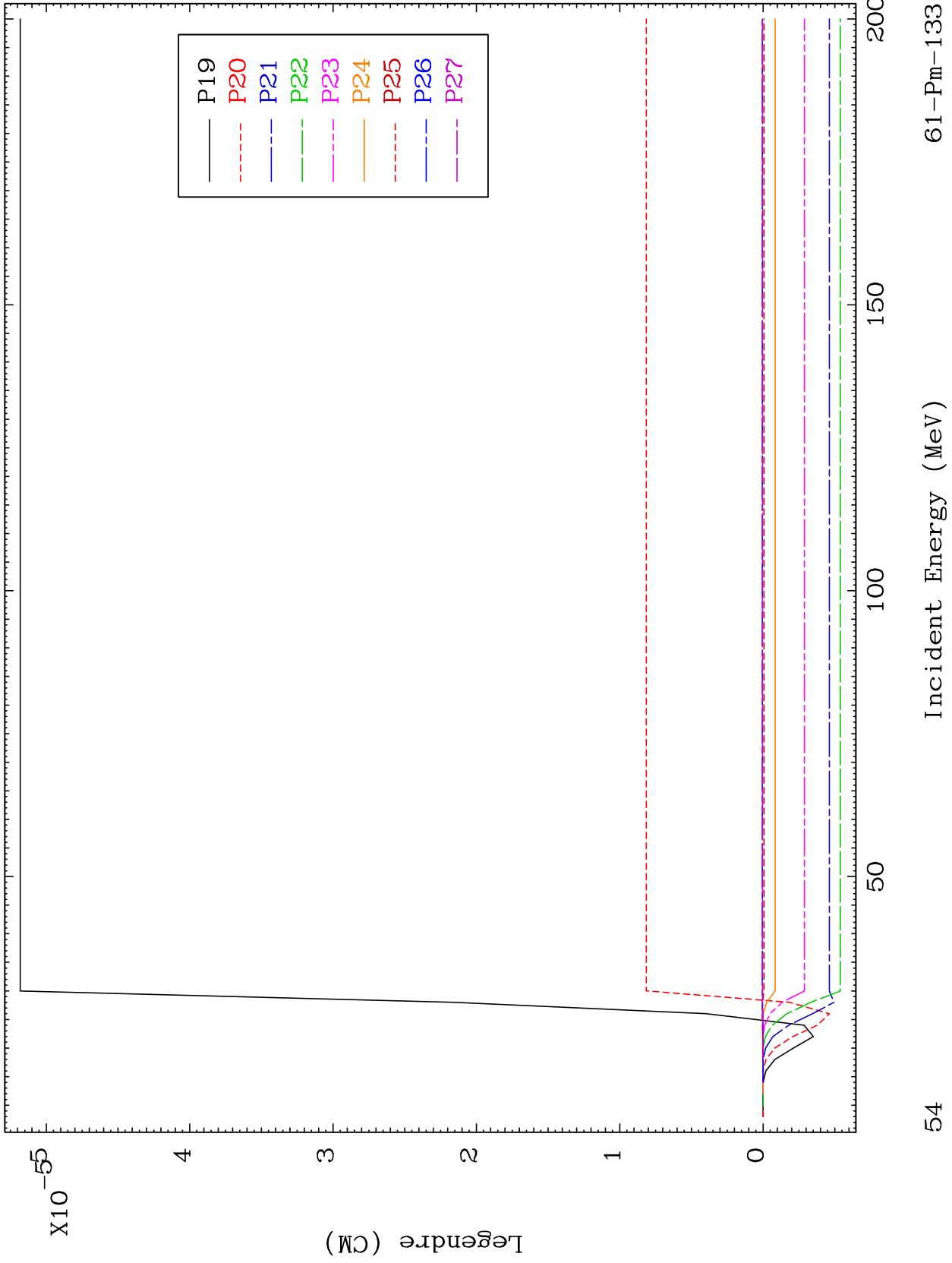
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



54

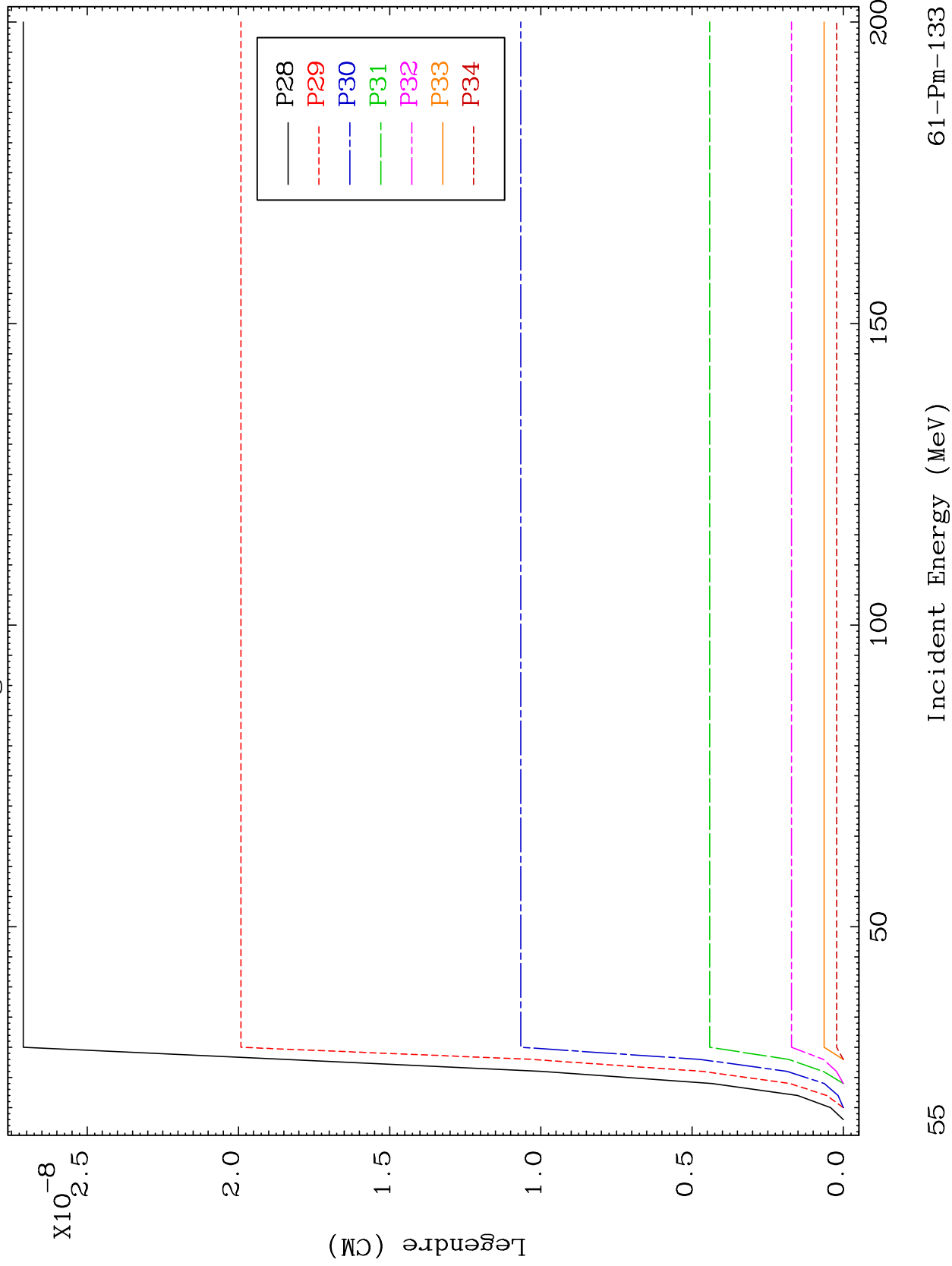
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



55

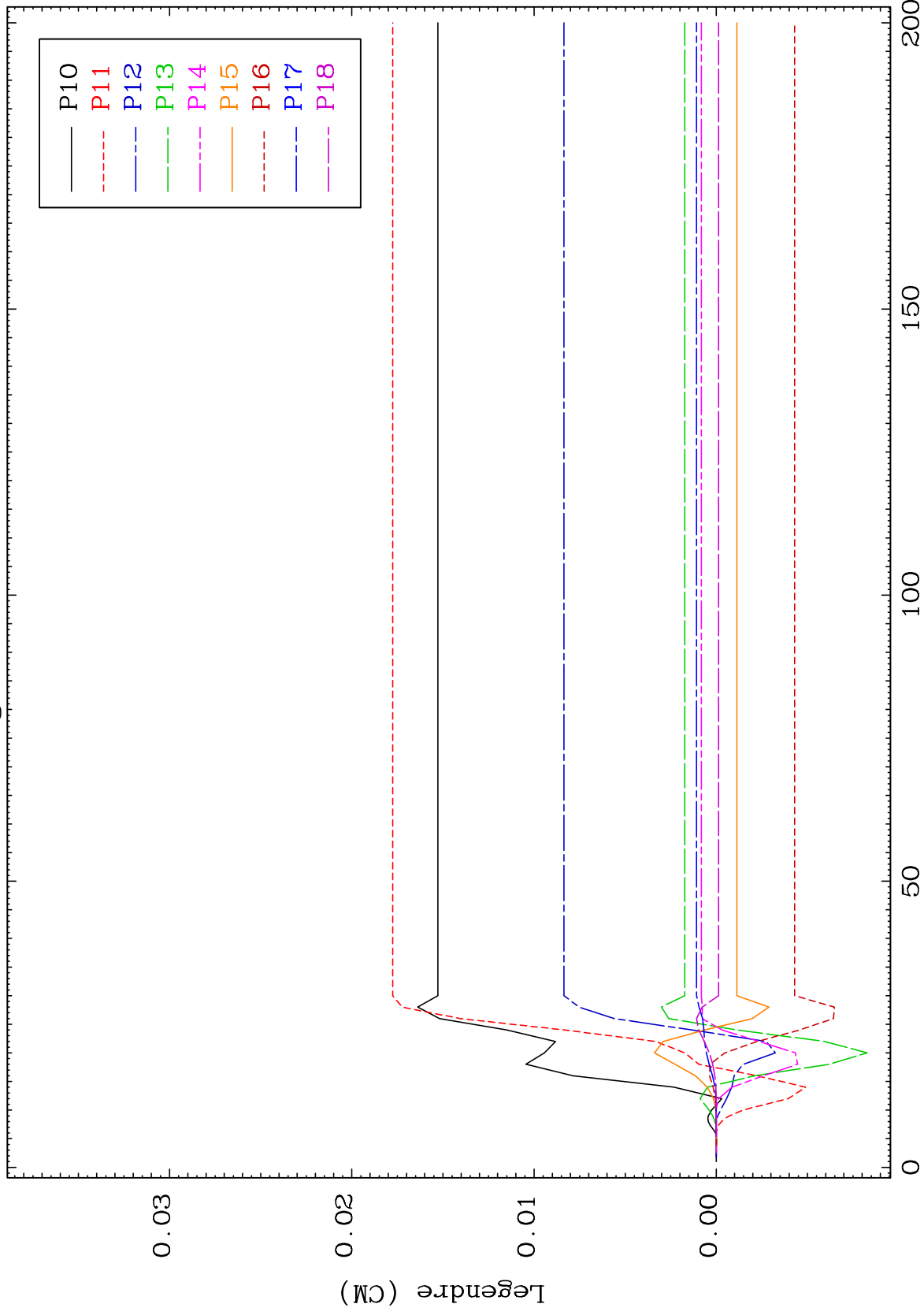
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

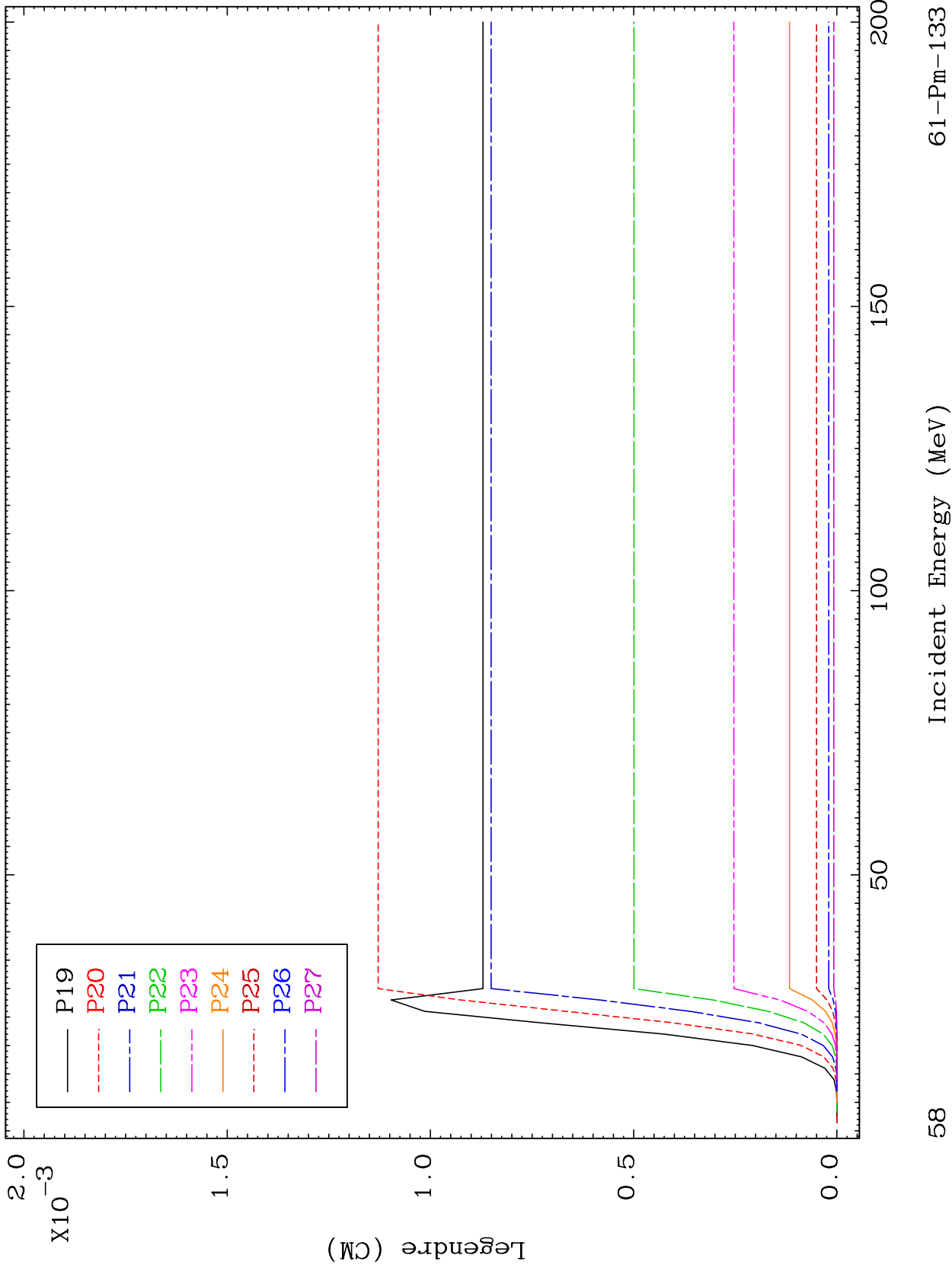
61-Pm-133



57

Incident Energy (MeV)

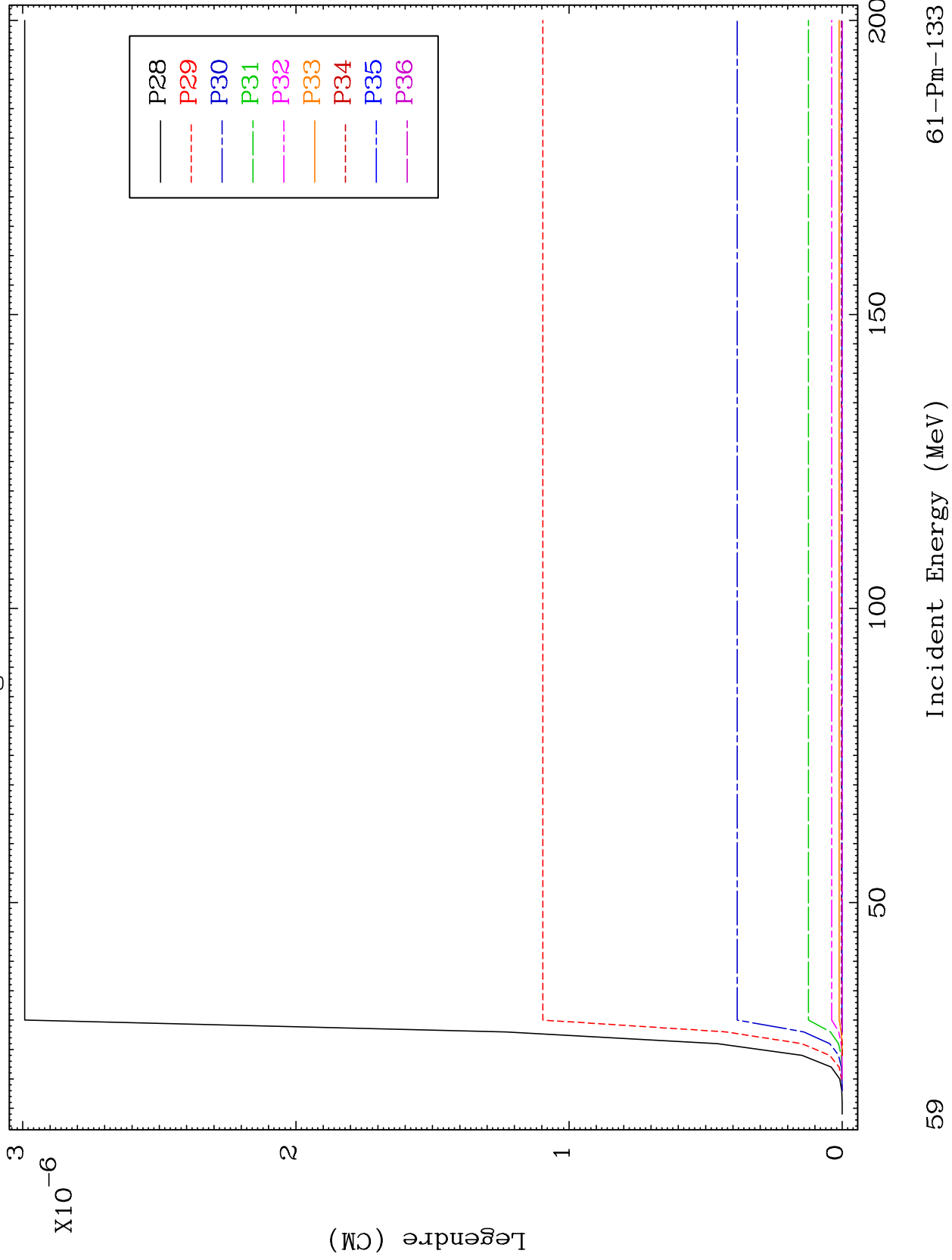
61-Pm-133



MAT 6107

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

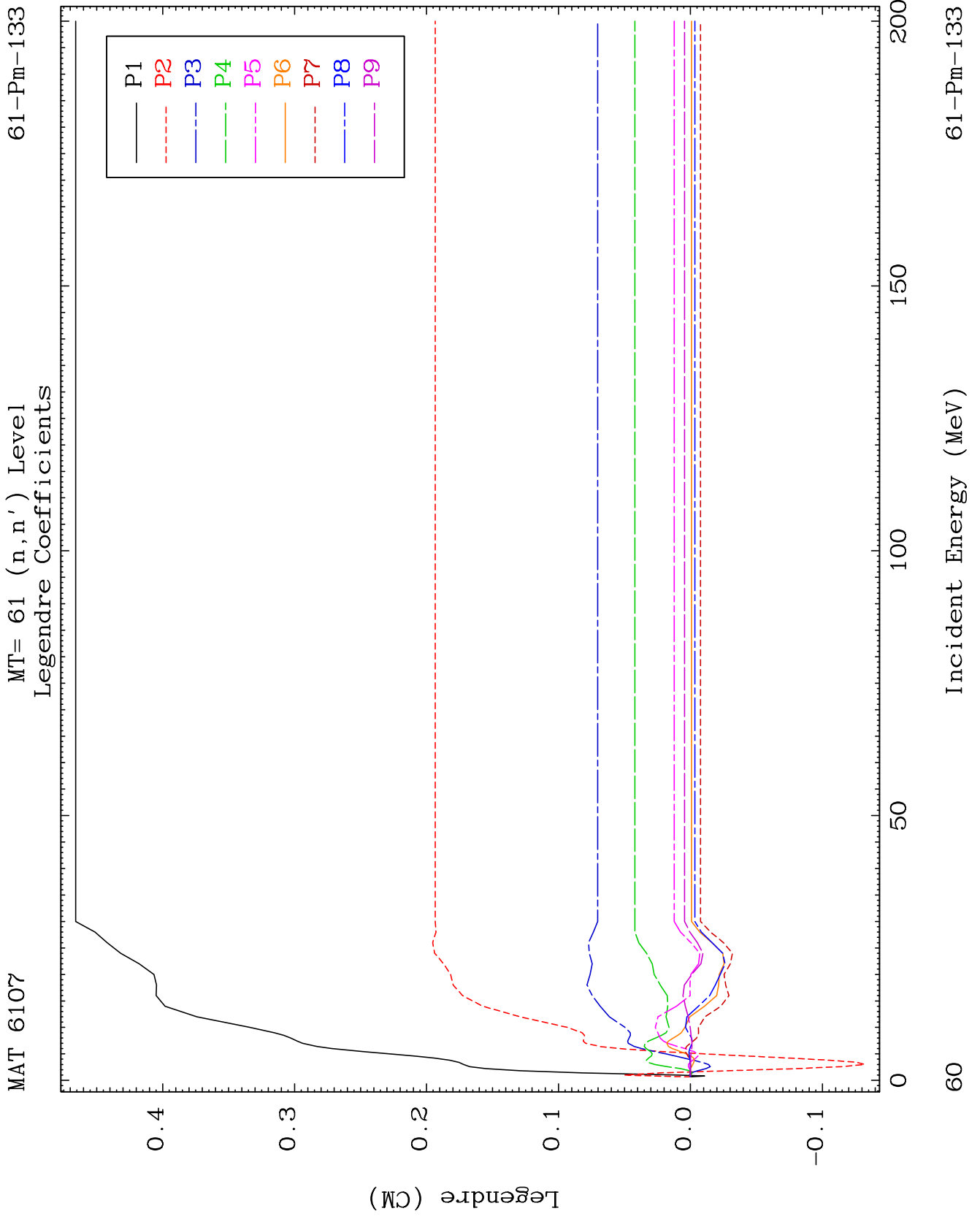
61-Pm-133



59

Incident Energy (MeV)

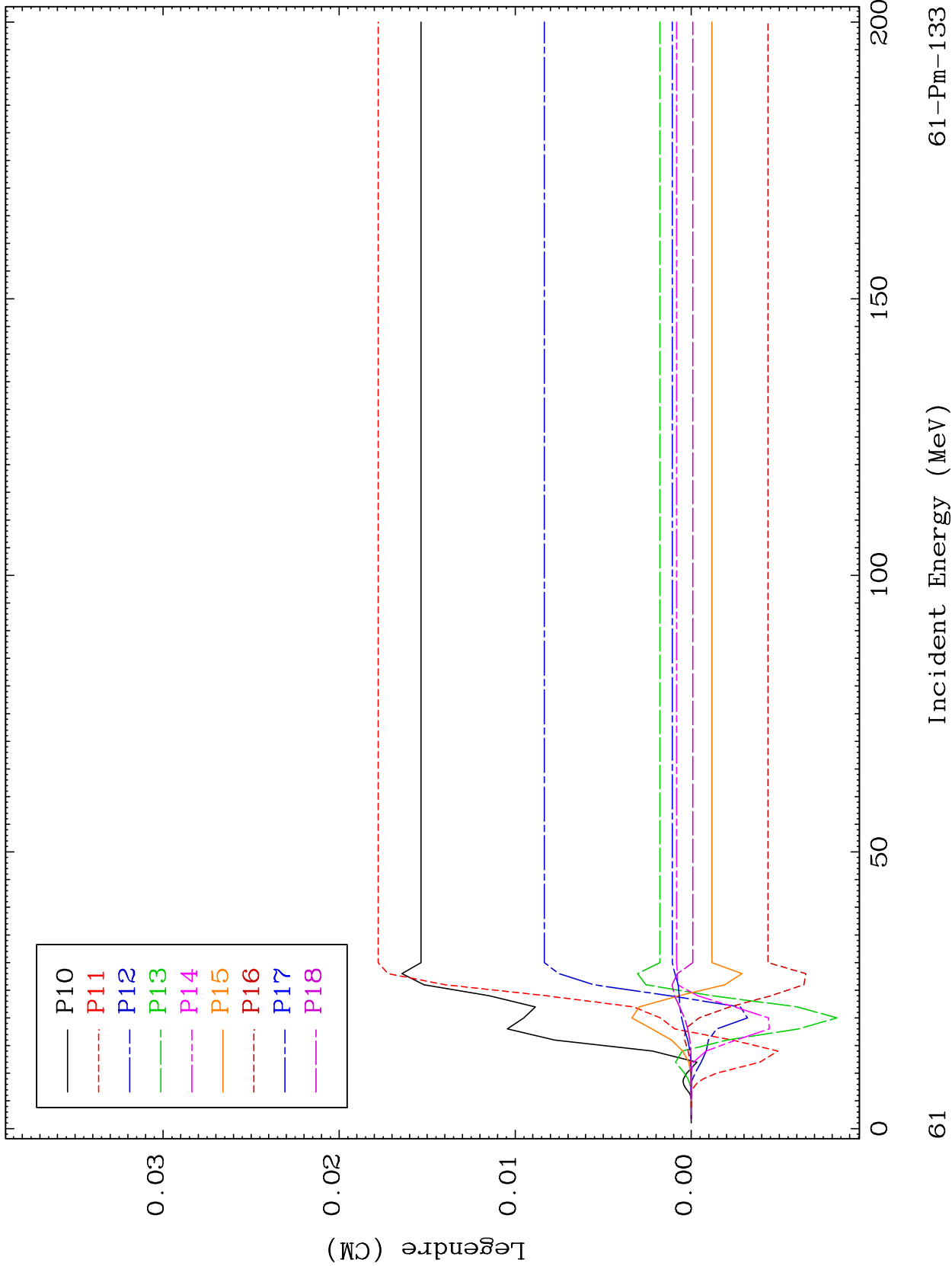
61-Pm-133



MAT 6107

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

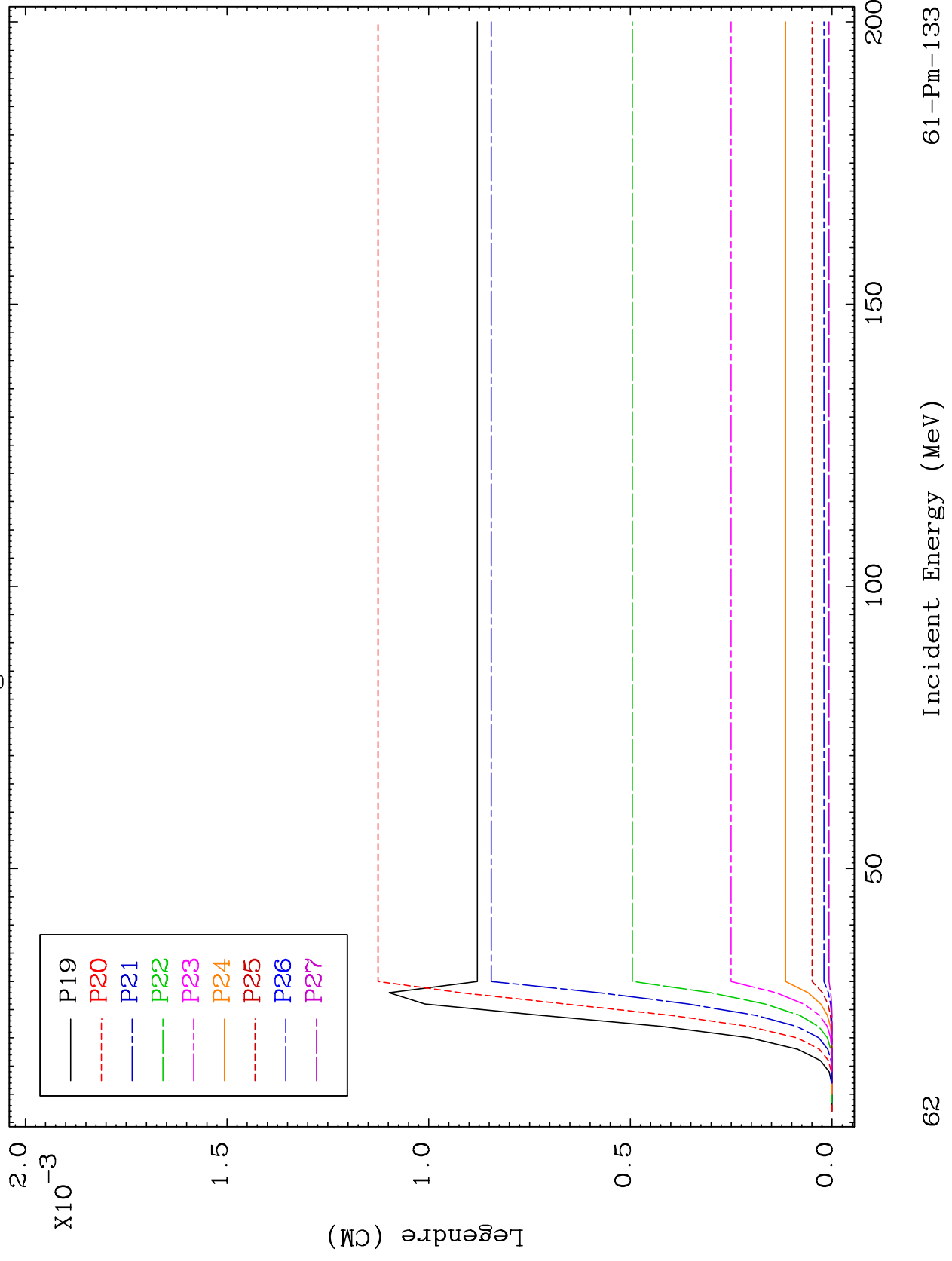
61-Pm-133



61

Incident Energy (MeV)

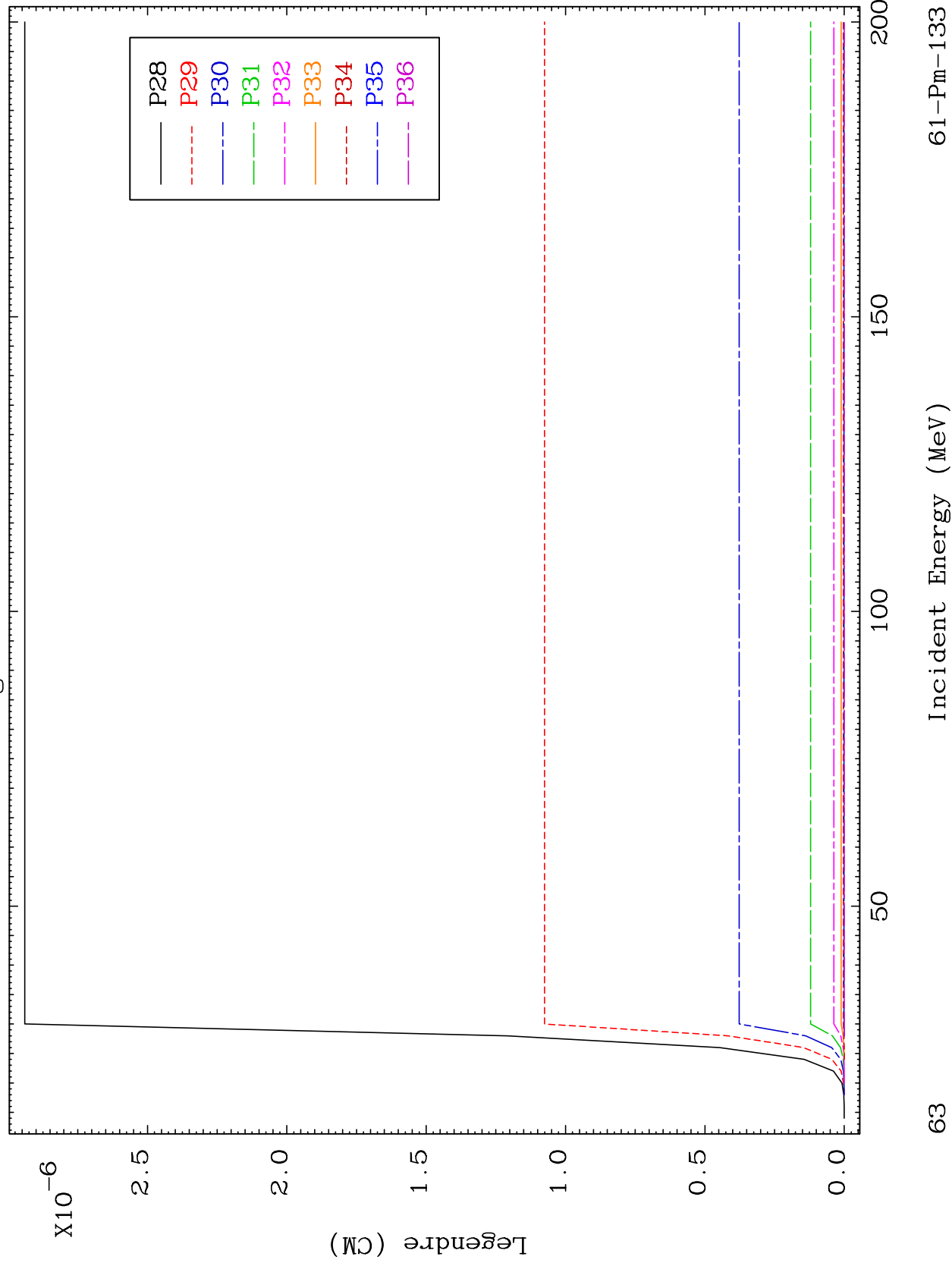
61-Pm-133



MAT 6107

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

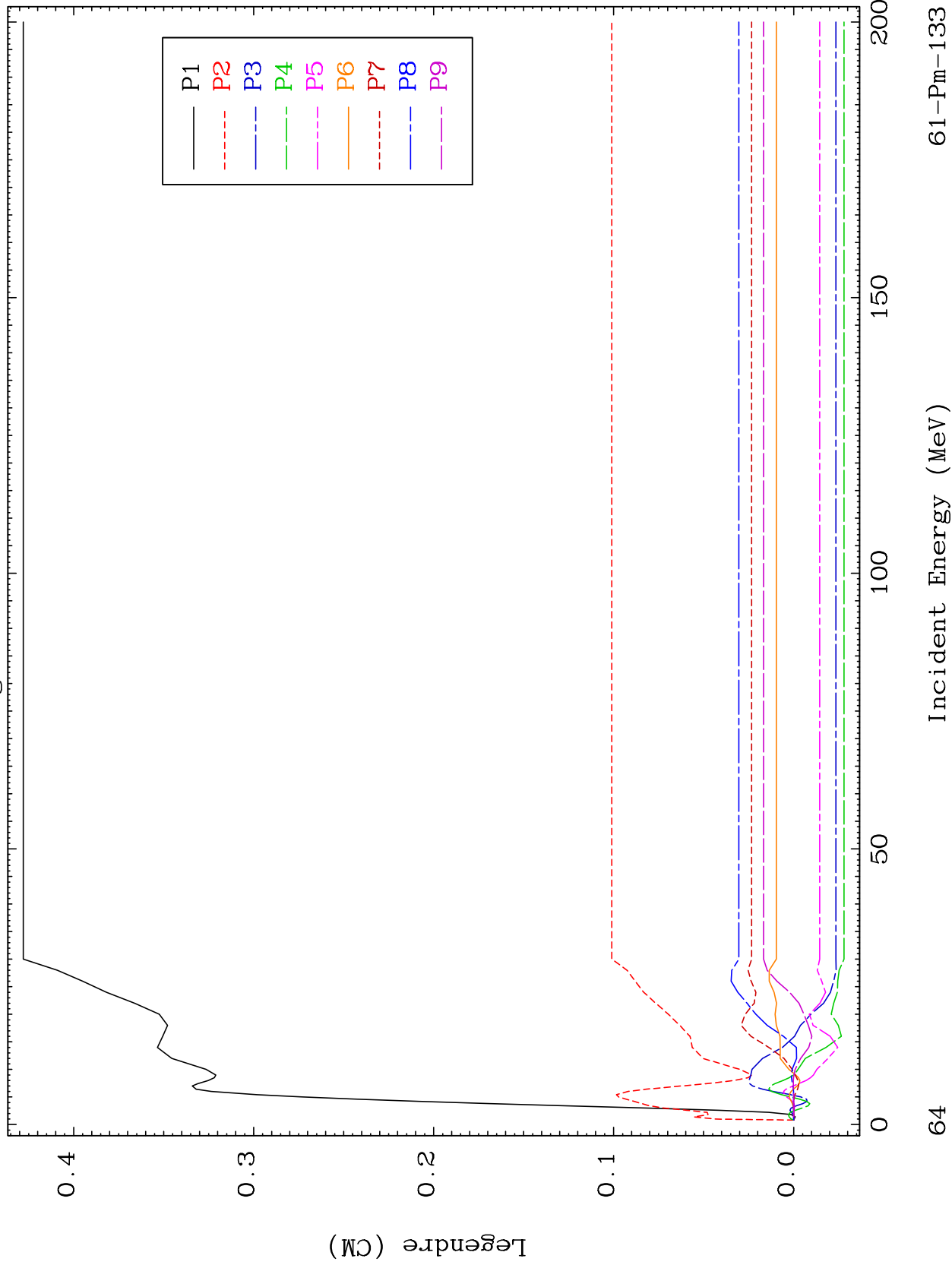
61-Pm-133



MAT 6107

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

61-Pm-133



61-Pm-133

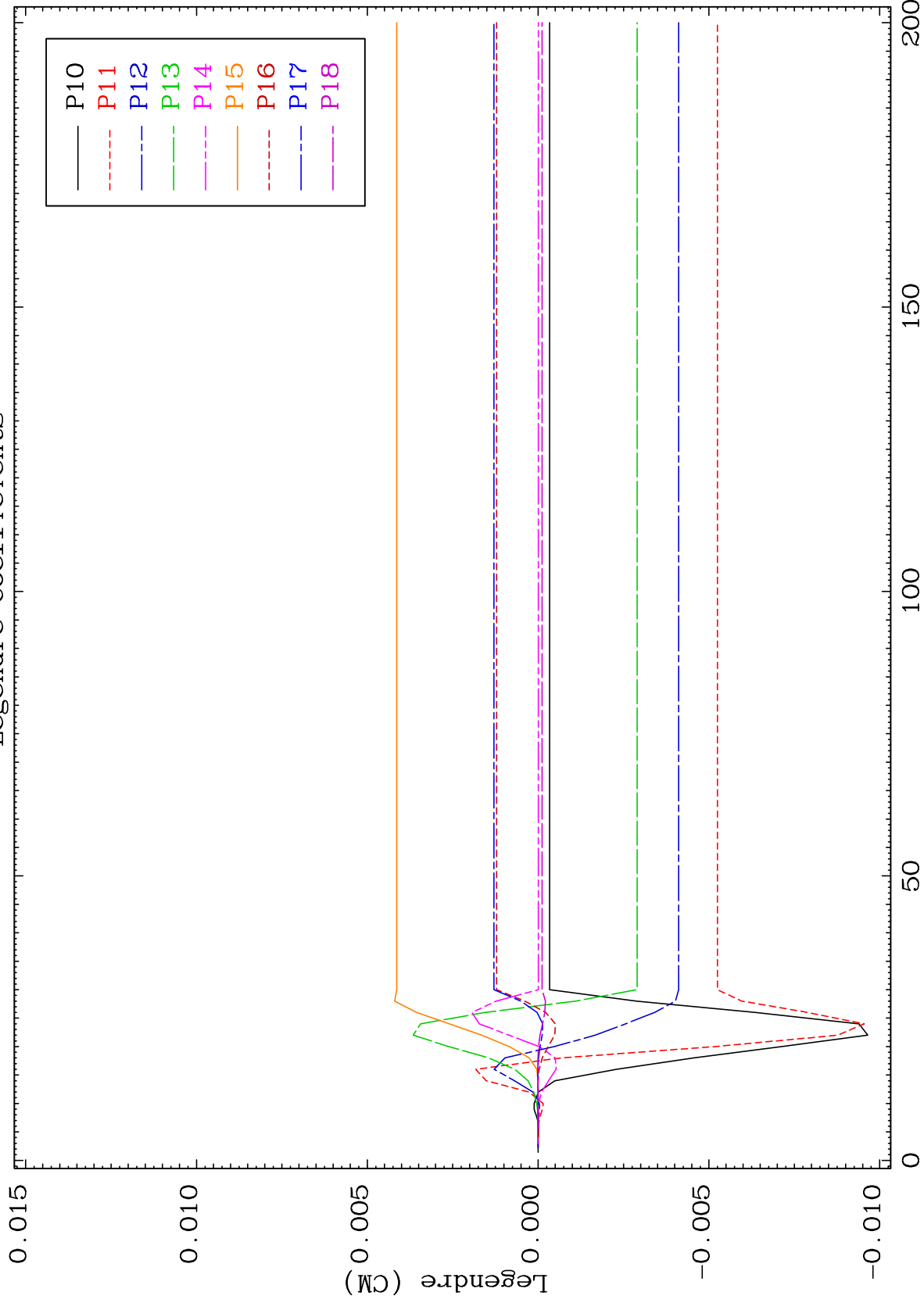
Incident Energy (MeV)

64

MAT 6107

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

61-Pm-133



65

Incident Energy (MeV)

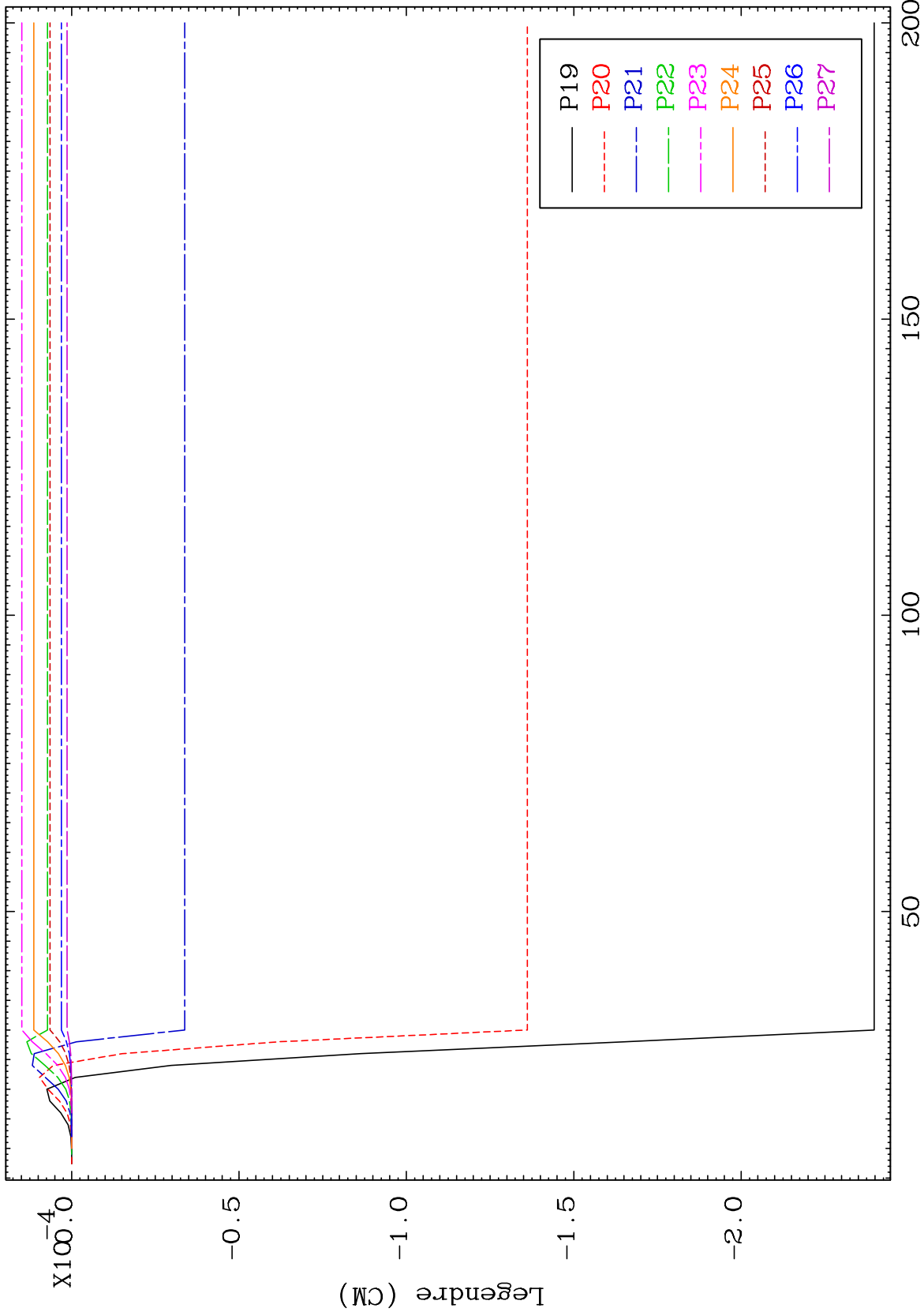
61-Pm-133

MAT 6107

MT= 62 (n,n') Level

61-Pm-133

Legendre Coefficients



66

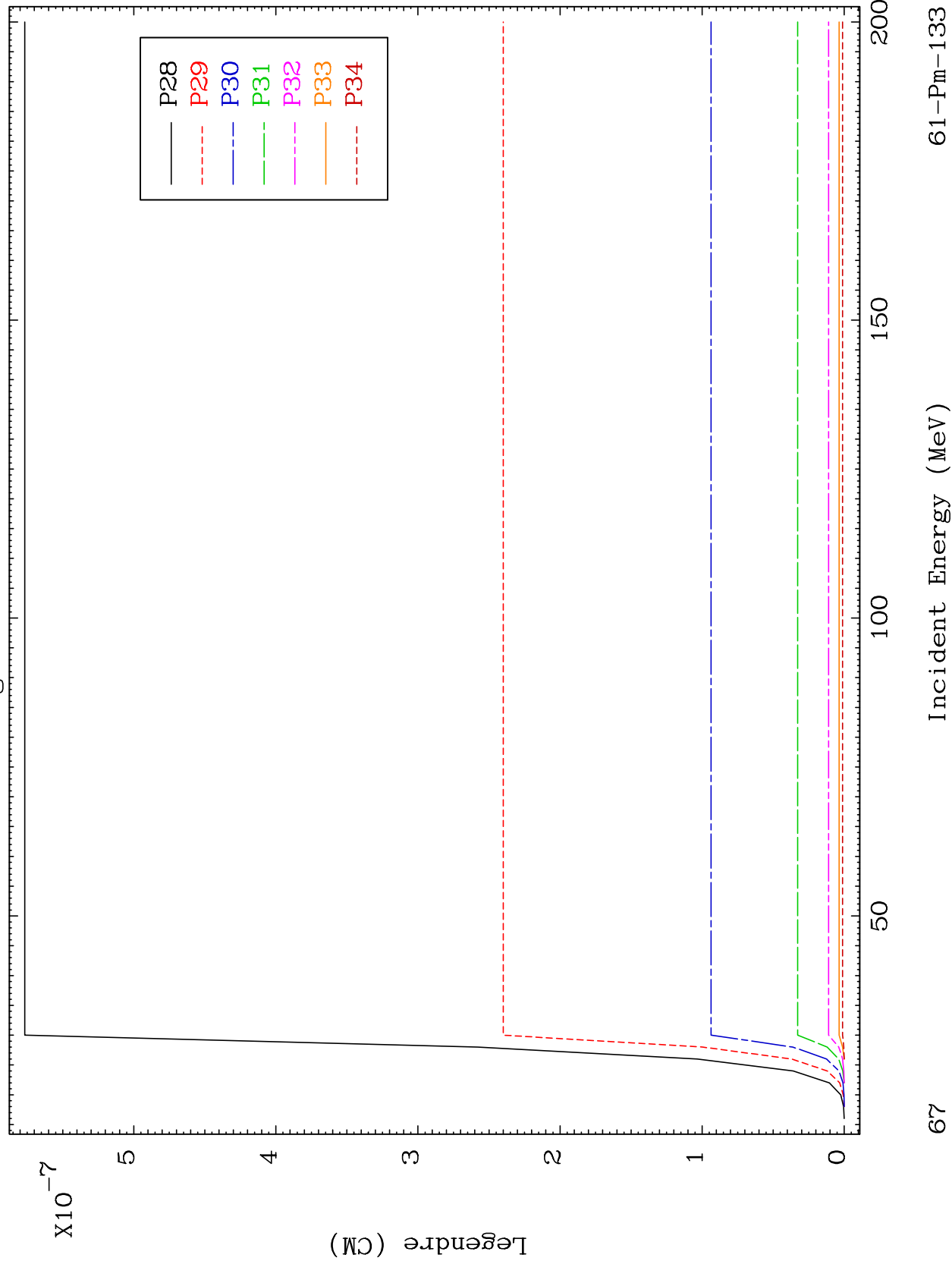
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



67

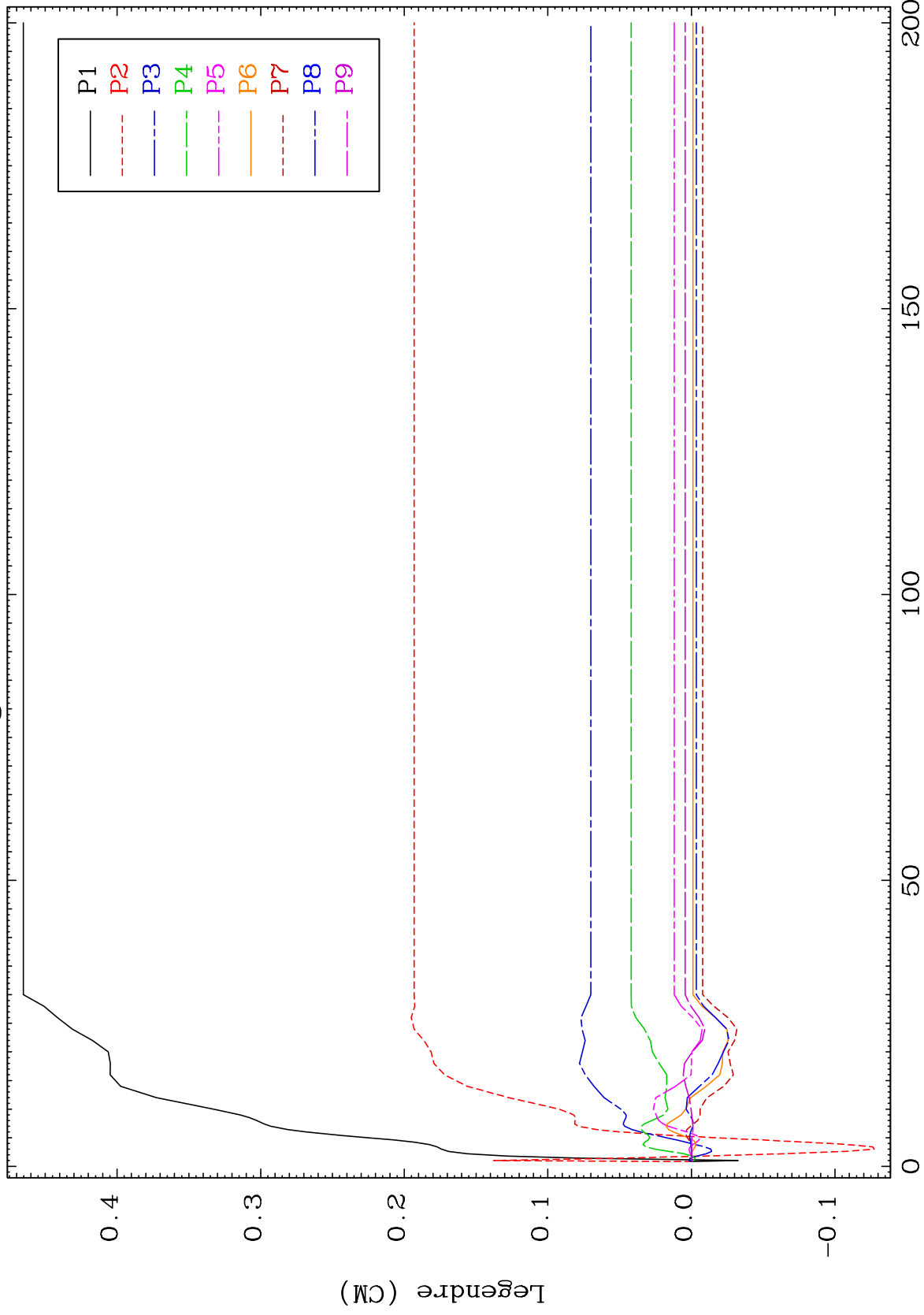
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



68

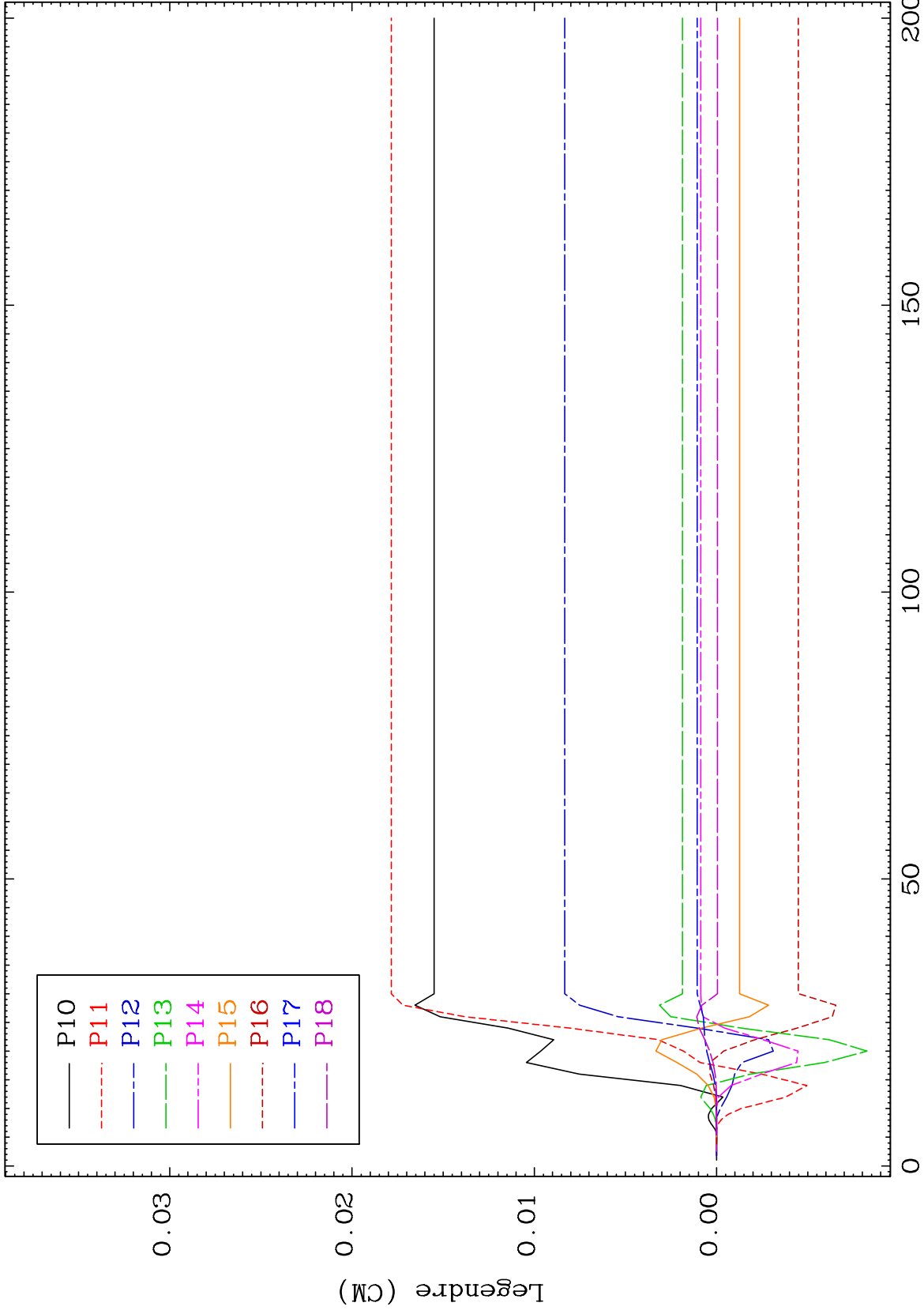
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



69

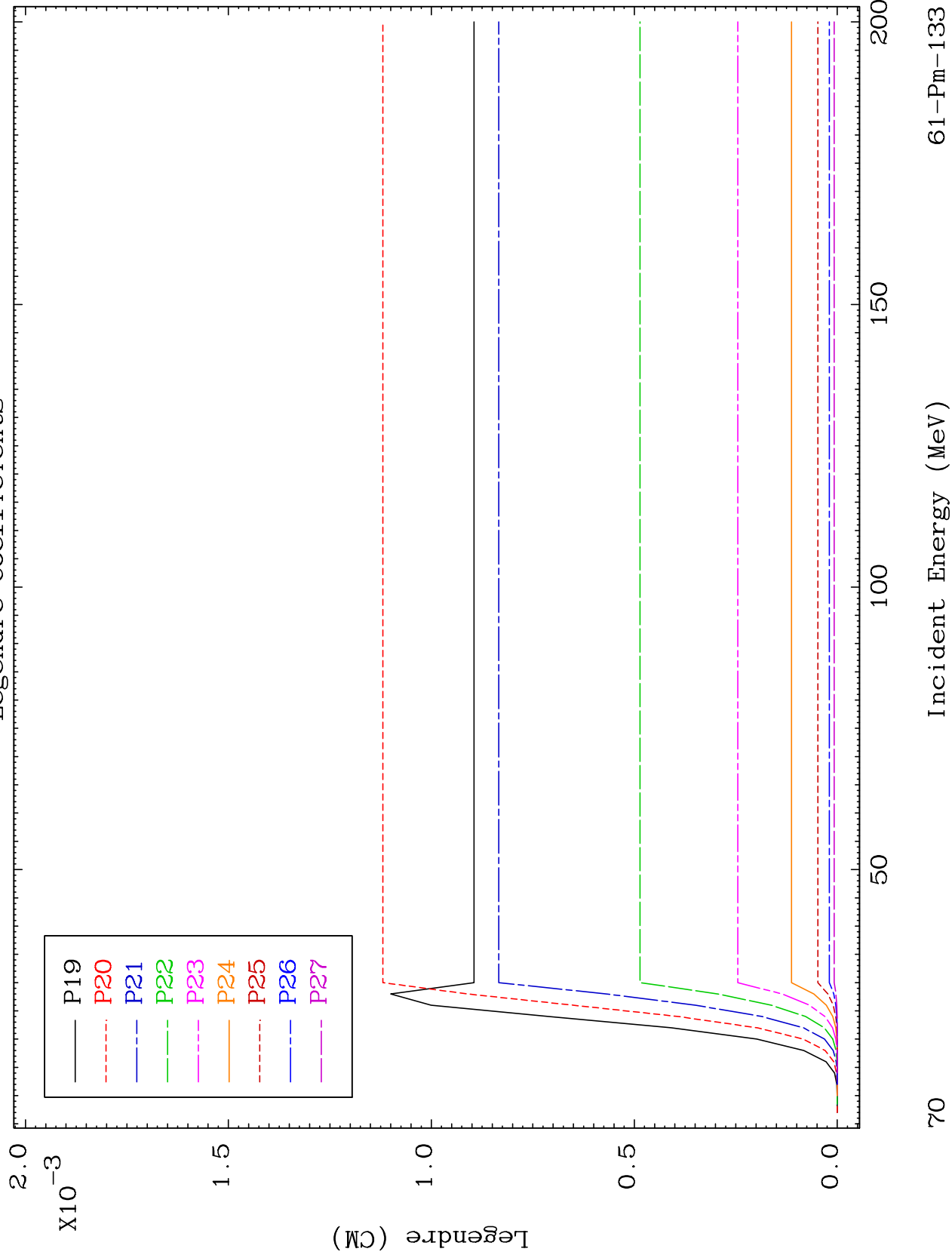
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



70

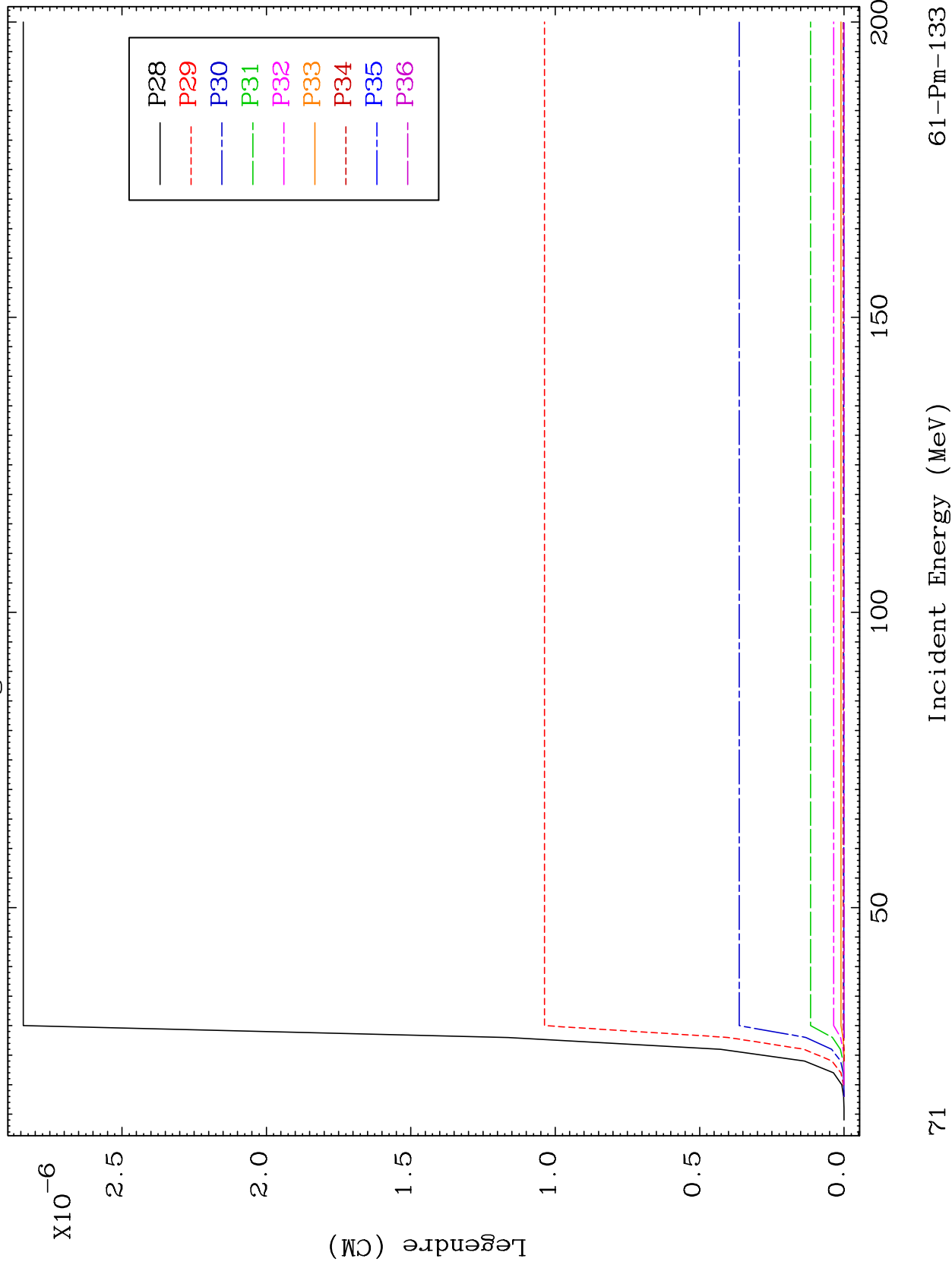
Incident Energy (MeV)

61-Pm-133

MAT 6107

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

61-Pm-133



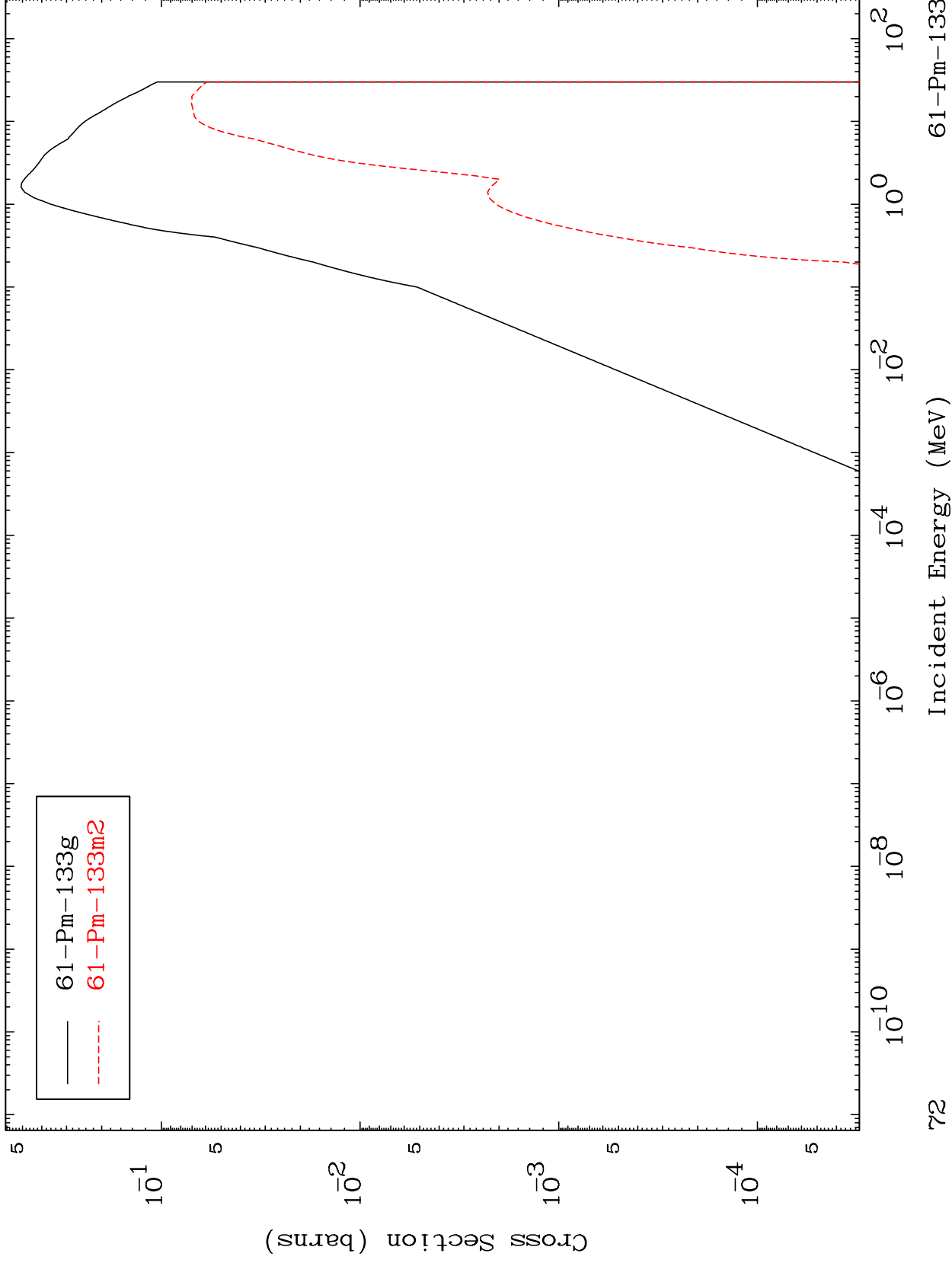
71

61-Pm-133

MAT 6107

Inelastic
Radionuclide Production Cross Section

61-Pm-133



72

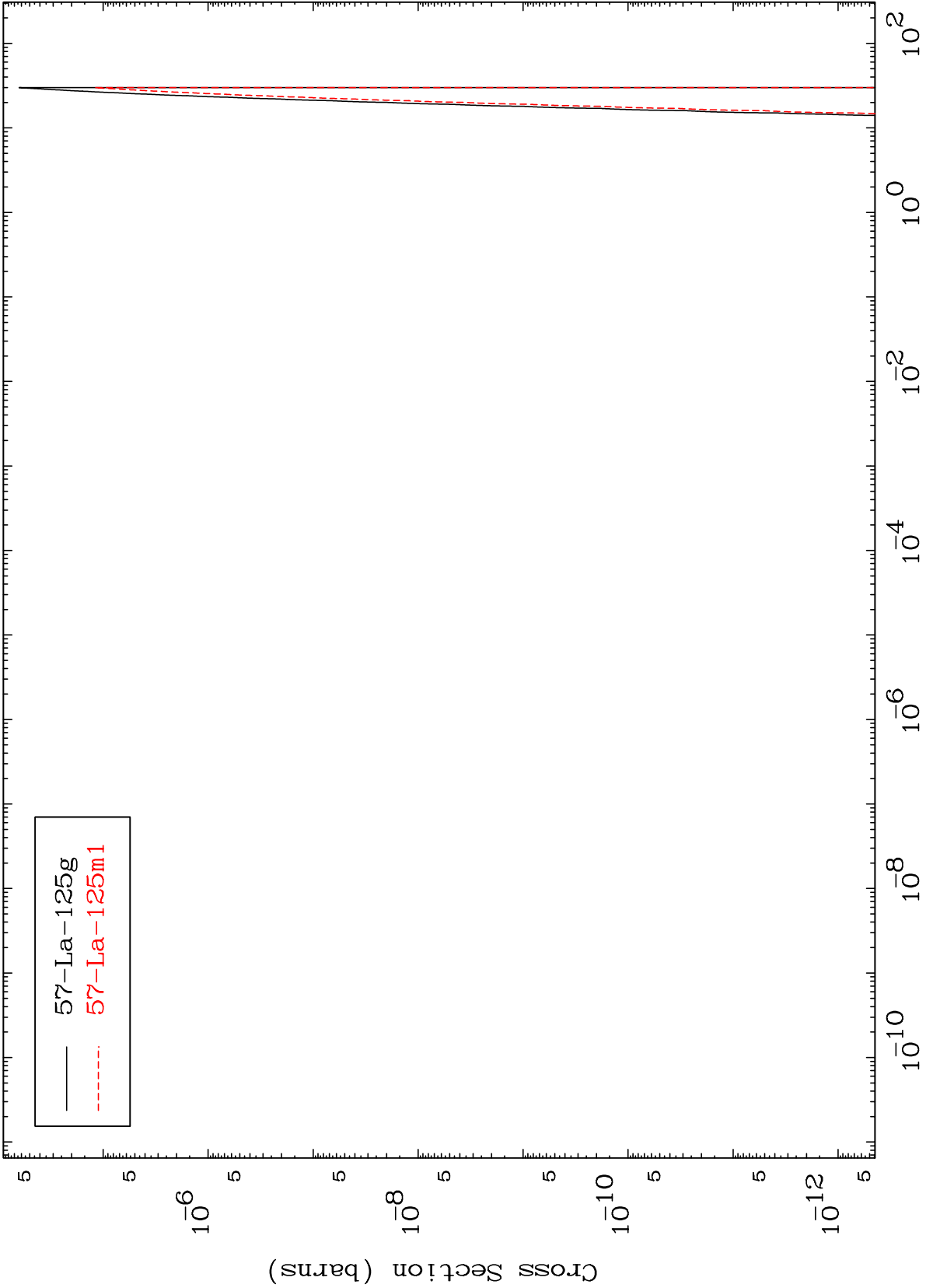
61-Pm-133

MAT 6107

(n,n') 2 α

61-Pm-133

Radionuclide Production Cross Section



73

Incident Energy (MeV)

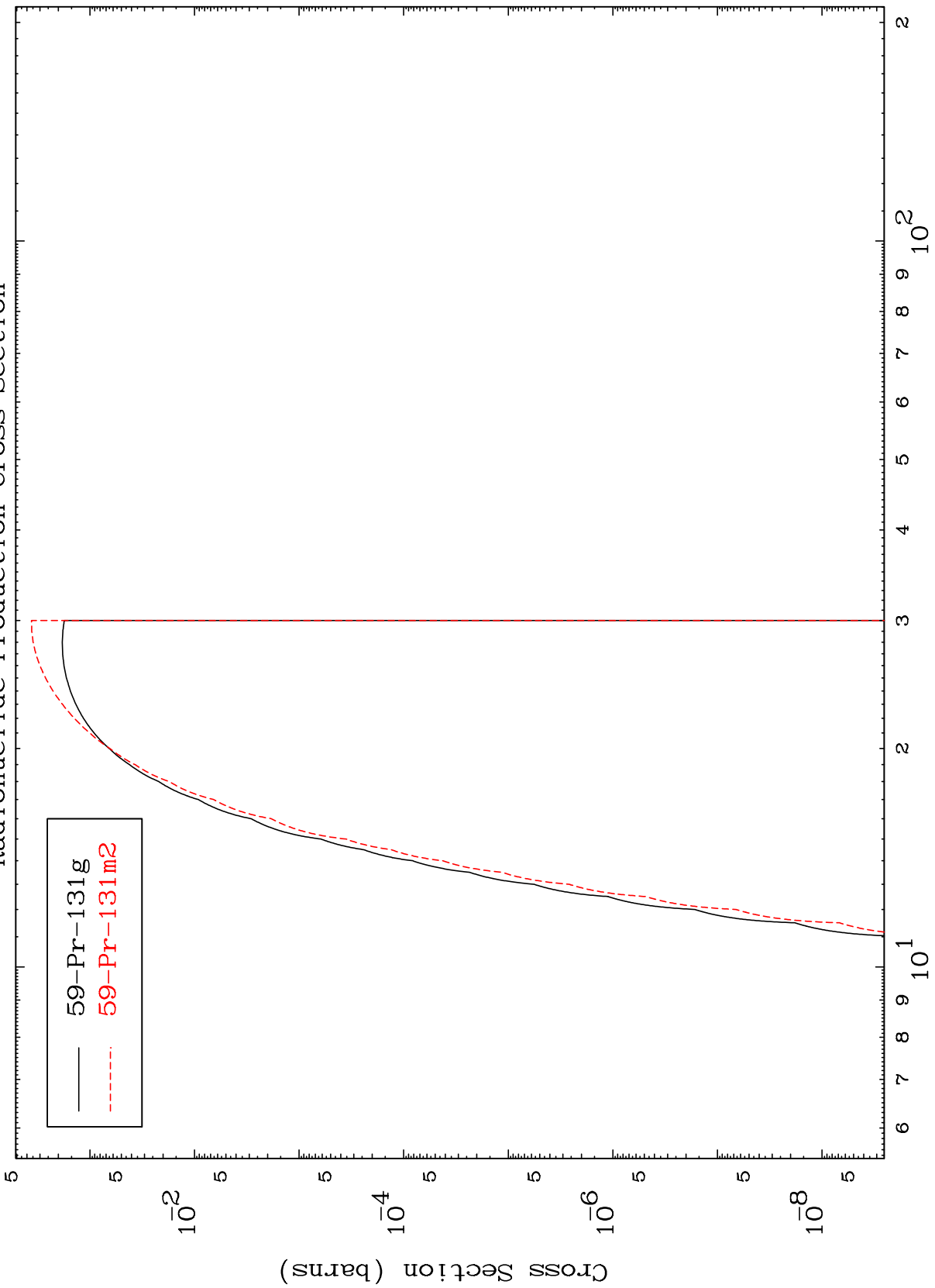
61-Pm-133

MAT 6107

(n,2n) p

61-Pm-133

Radionuclide Production Cross Section



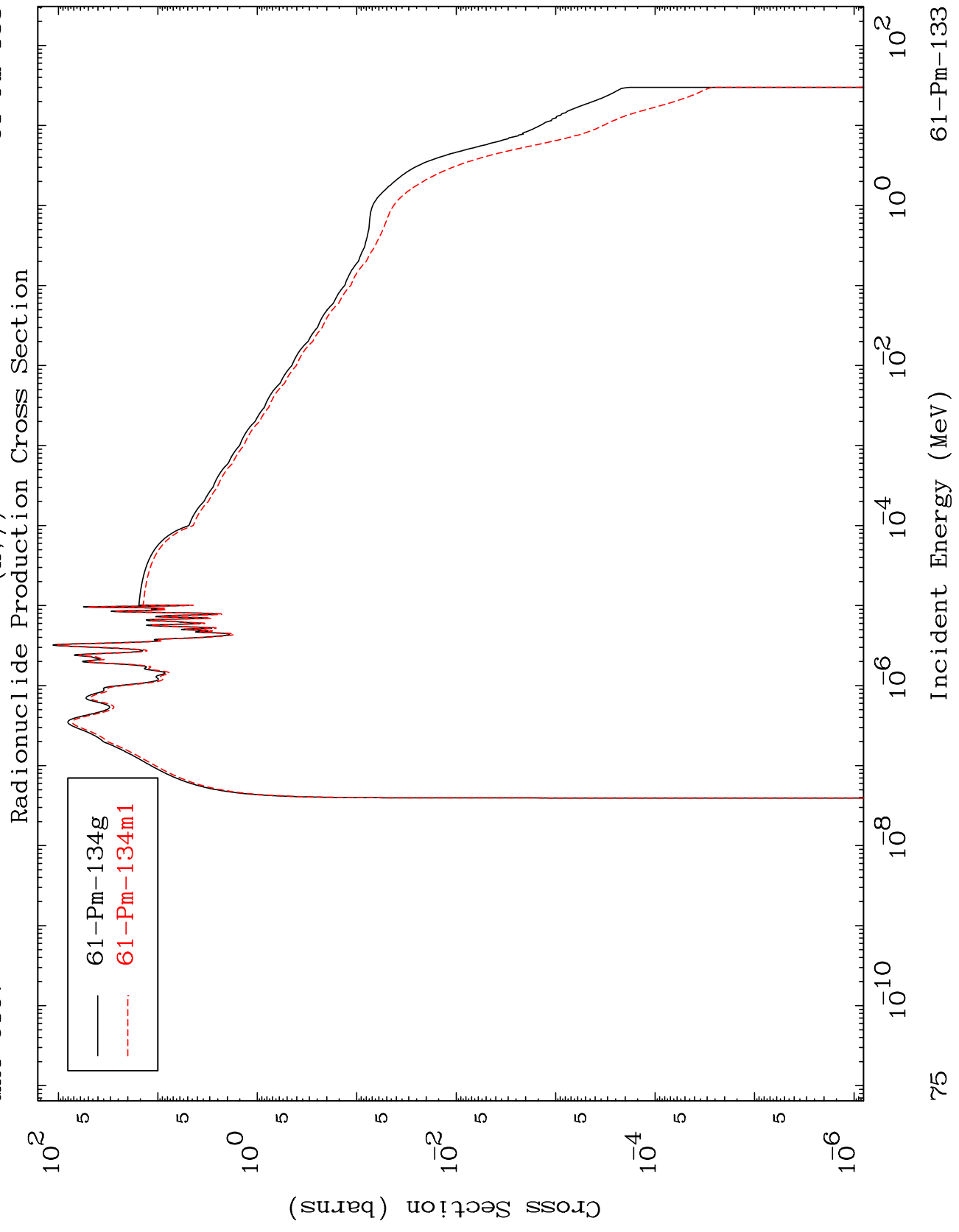
74

Incident Energy (MeV)

61-Pm-133

MAT 6107

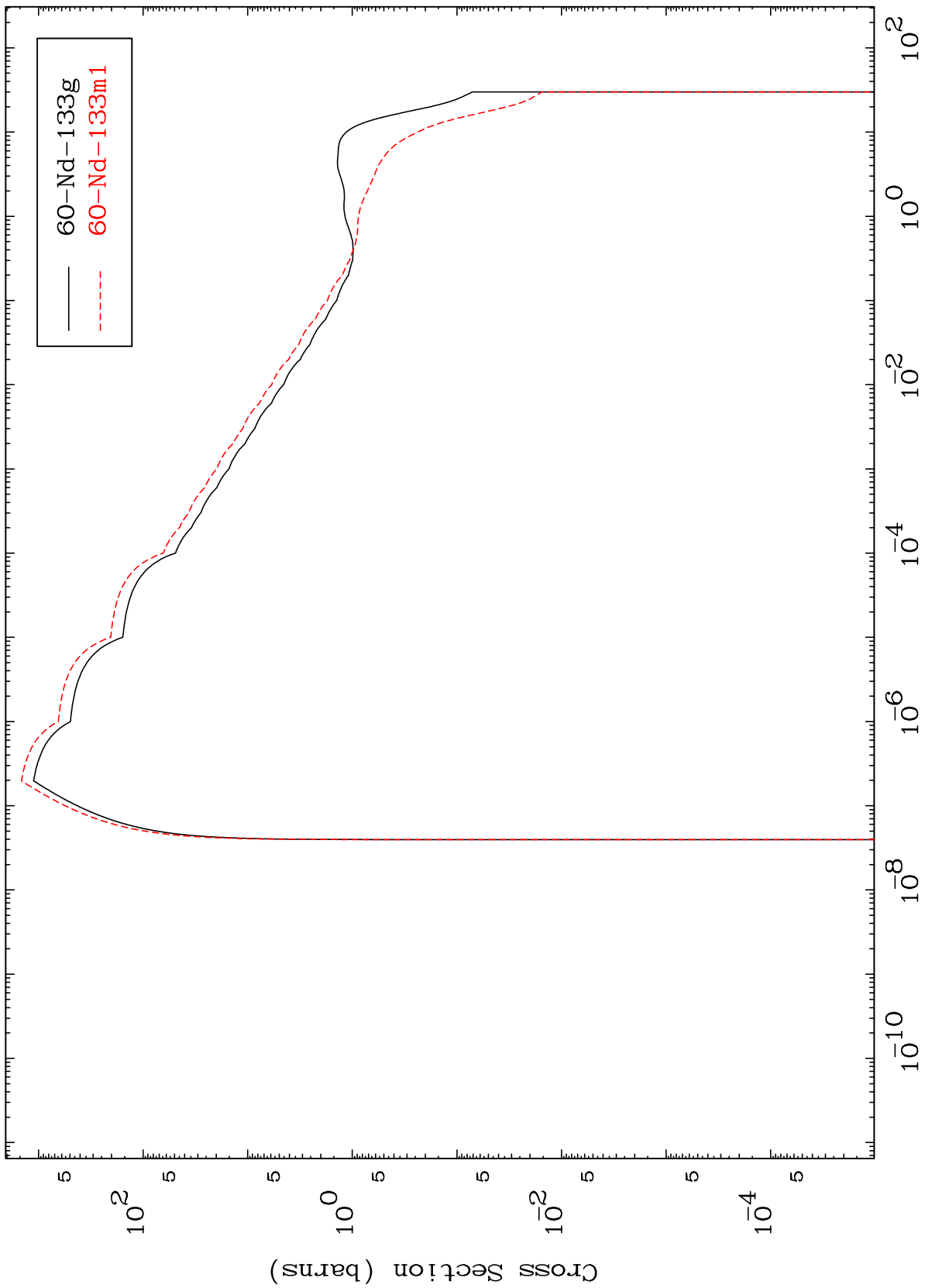
61-Pm-133



MAT 6107

61-Pm-133

(n,p)
Radionuclide Production Cross Section



76

61-Pm-133

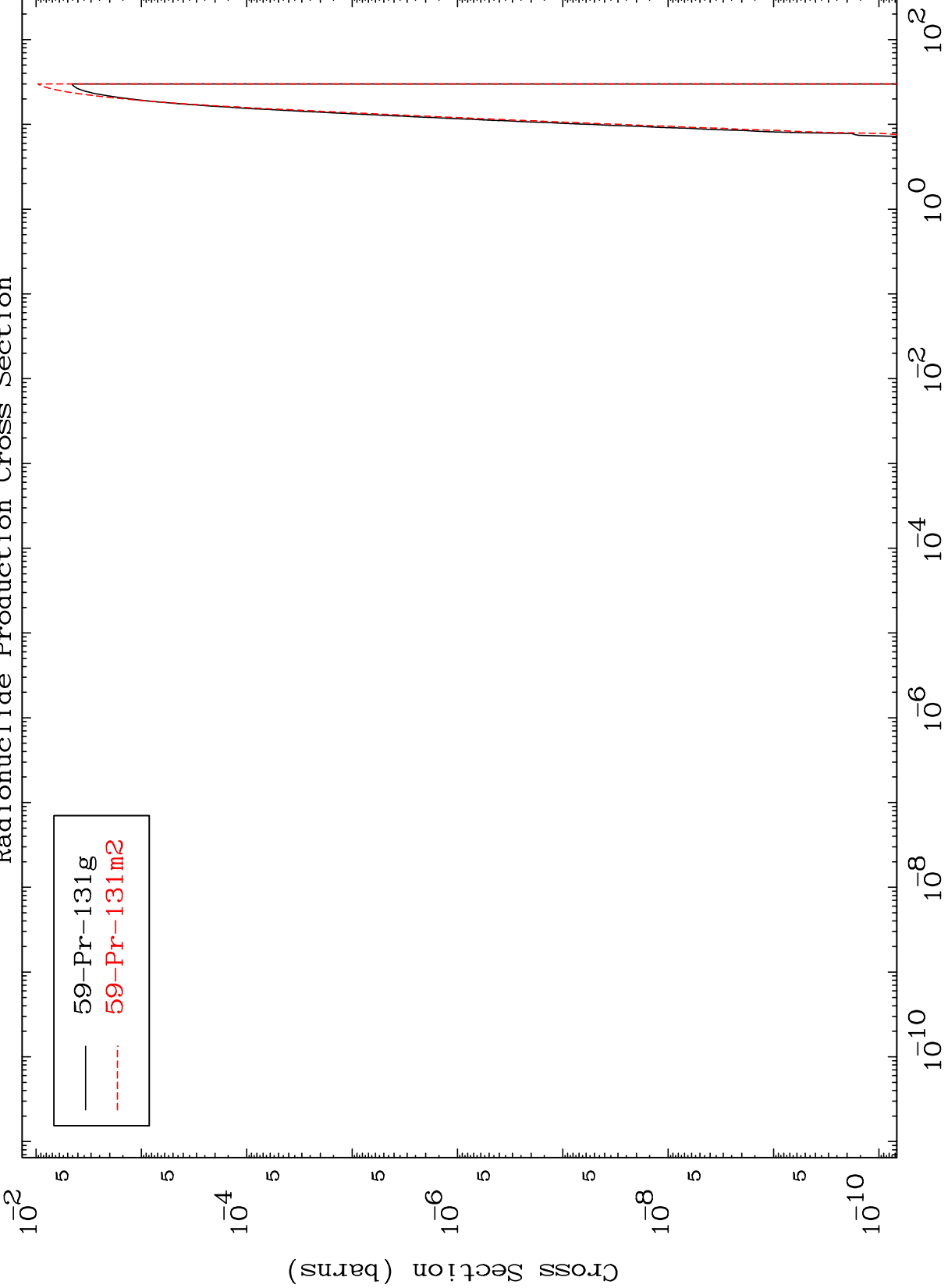
Incident Energy (MeV)

MAT 6107

(n,He-3)

61-Pm-133

Radionuclide Production Cross Section



77

Incident Energy (MeV)

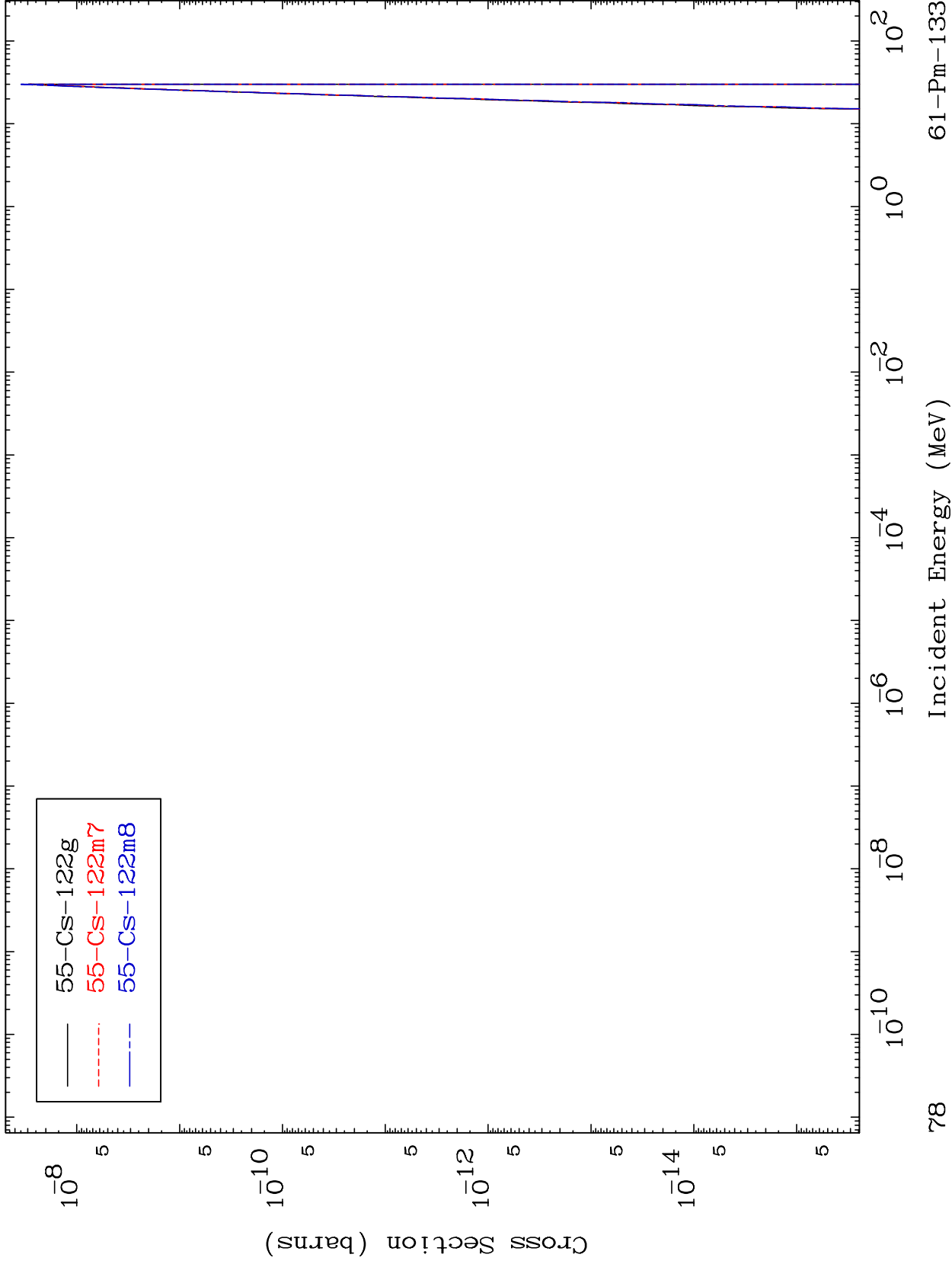
61-Pm-133

MAT 6107

(n,3α)

61-Pm-133

Radionuclide Production Cross Section



78

Incident Energy (MeV)

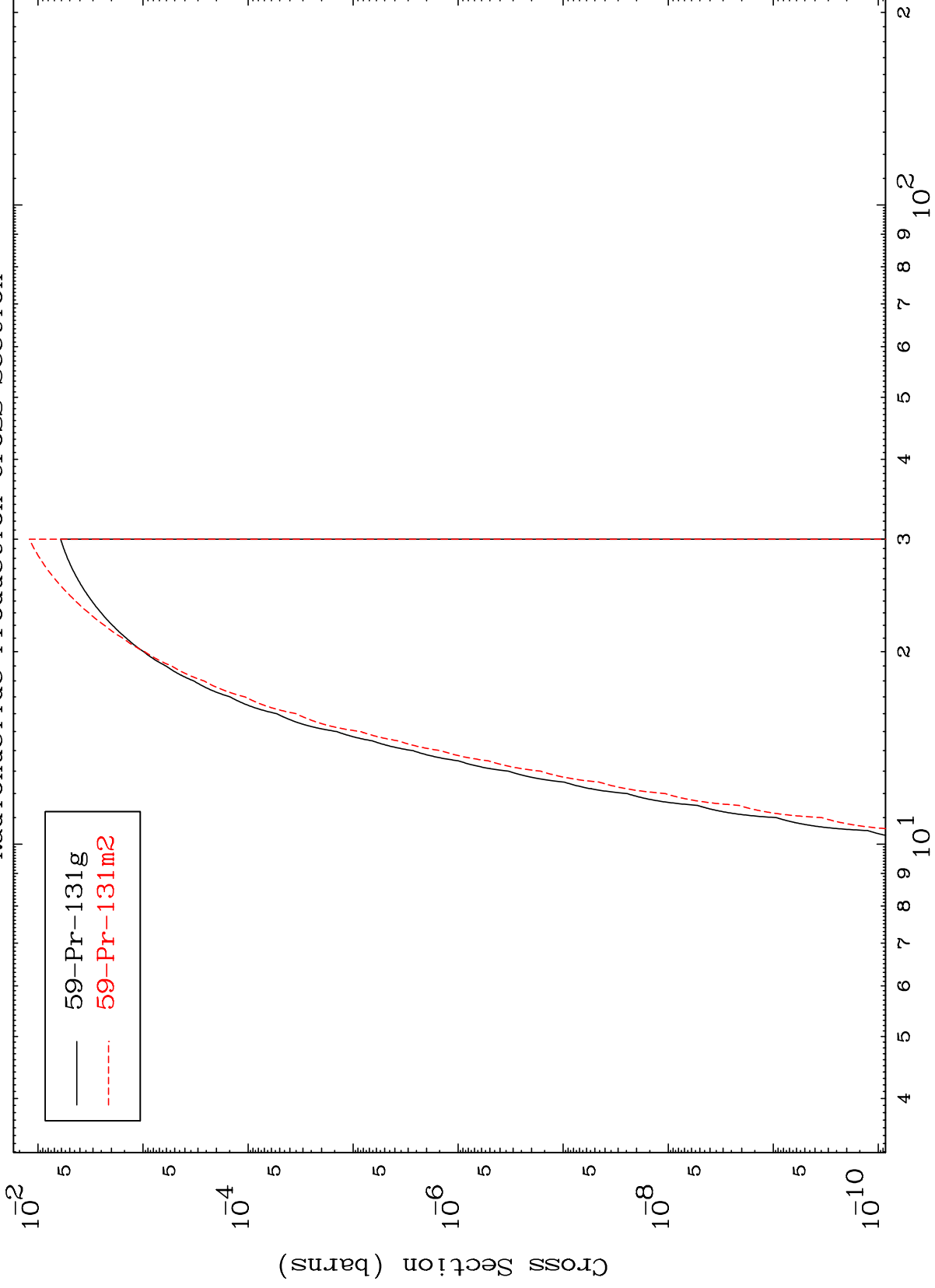
61-Pm-133

MAT 6107

(n,p) d

61-Pm-133

Radionuclide Production Cross Section



79

Incident Energy (MeV)

61-Pm-133