

Program EVALPLOT  
(Version 2017-1)

by

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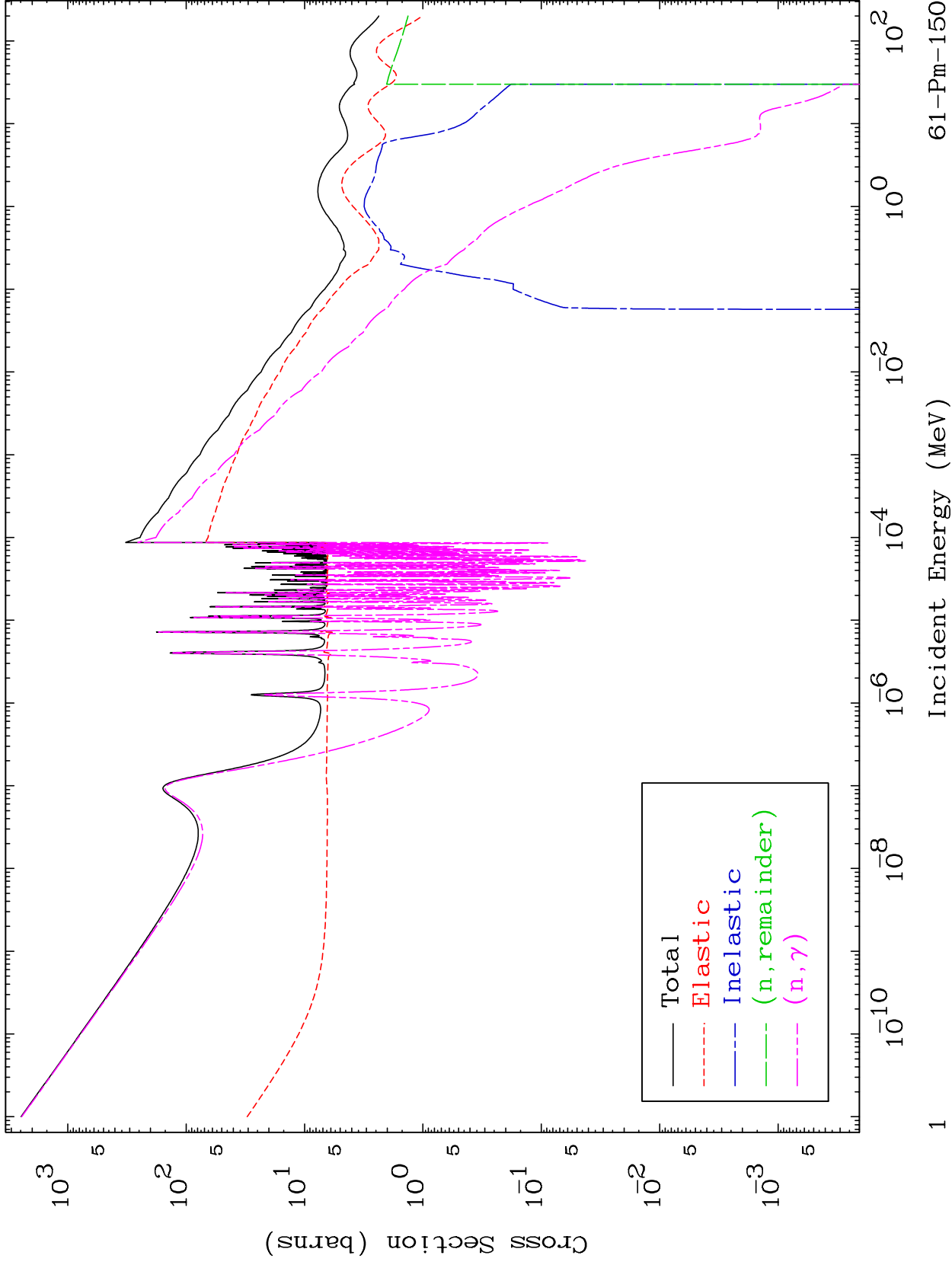
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6158

Major  
293 Kelvin Cross Sections

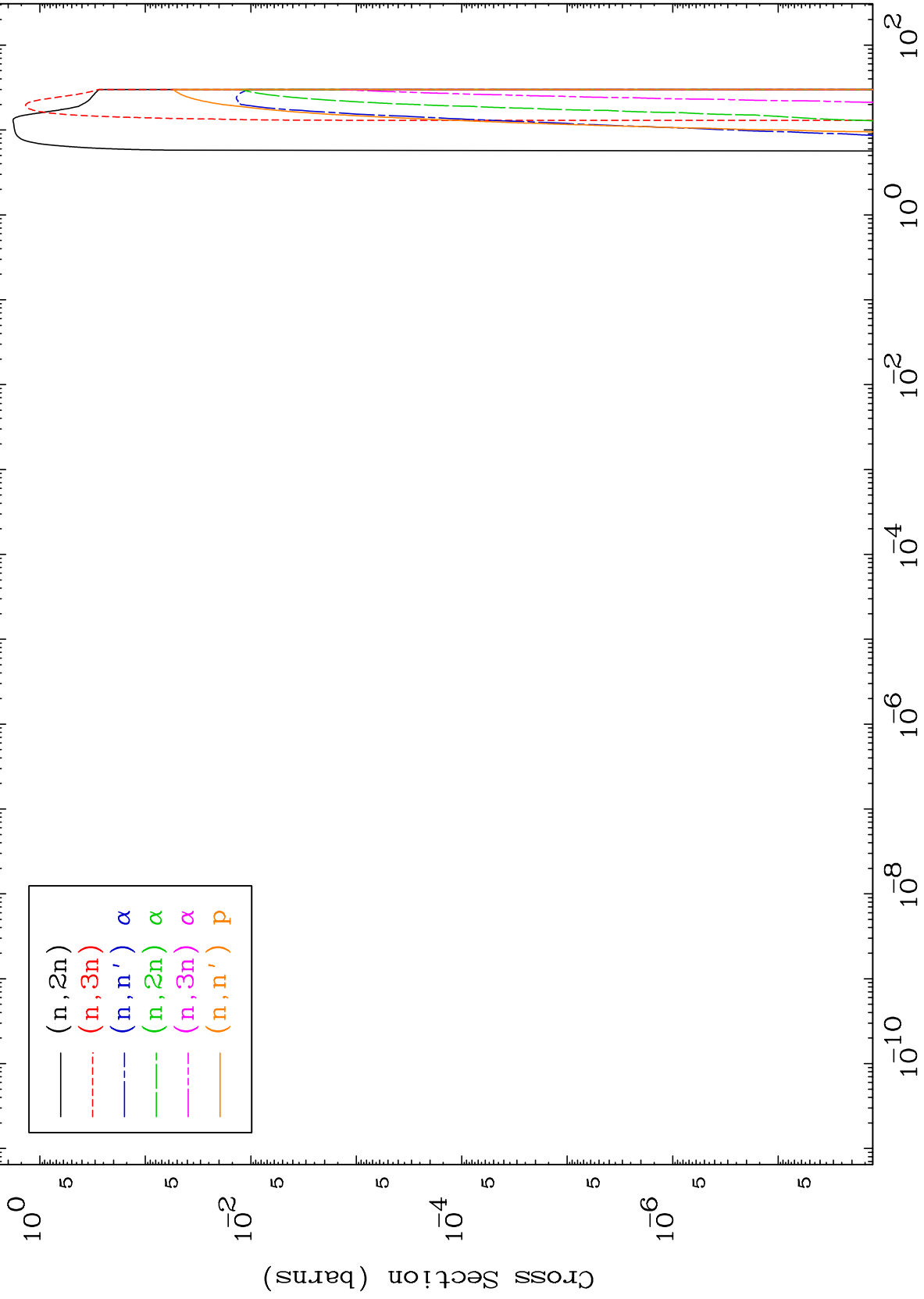
61-Pm-150



MAT 6158

Neutron Production  
293 Kelvin Cross Sections

61-Pm-150



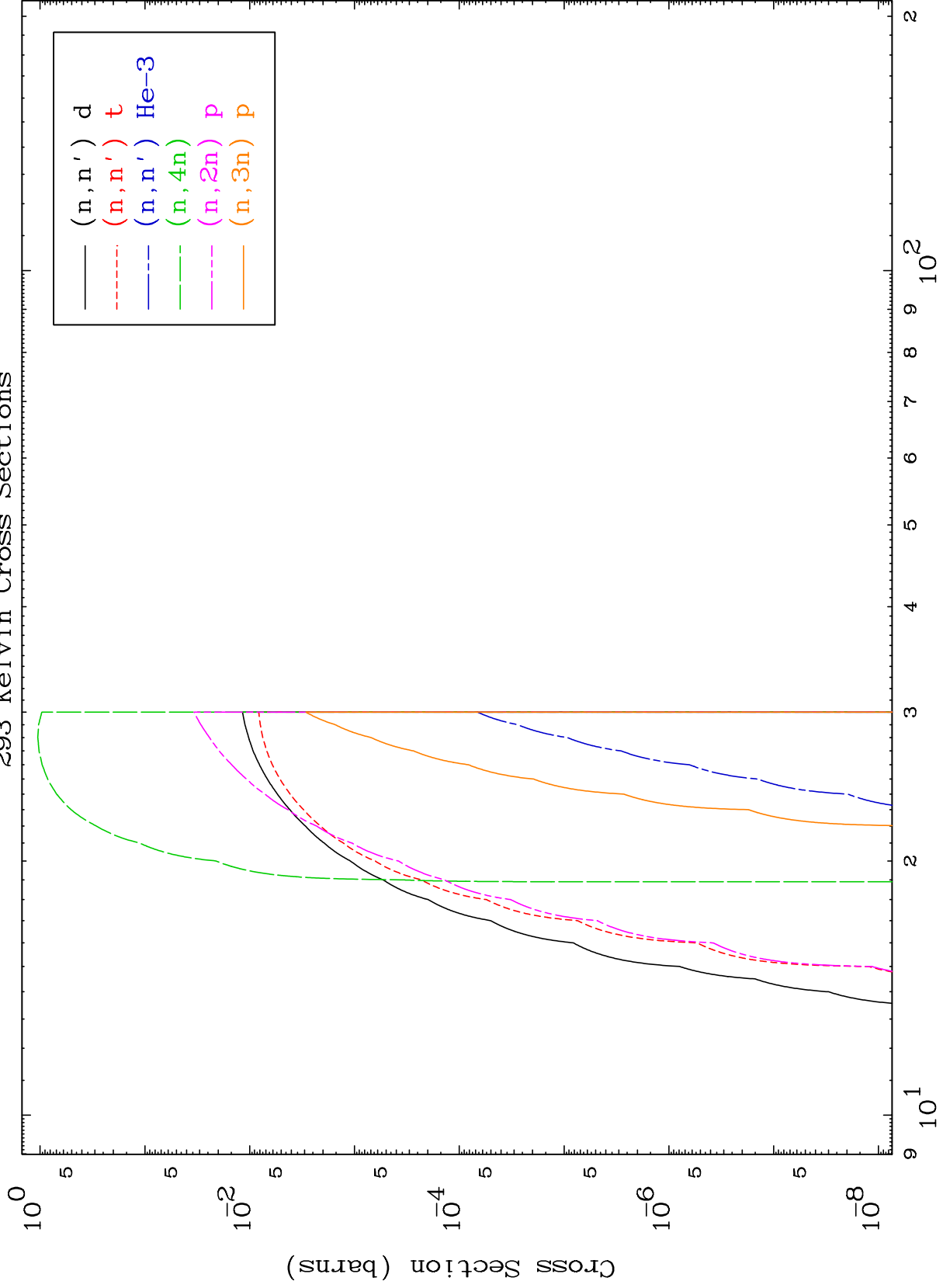
61-Pm-150

Incident Energy (MeV)

MAT 6158

Neutron Production  
293 Kelvin Cross Sections

61-Pm-150



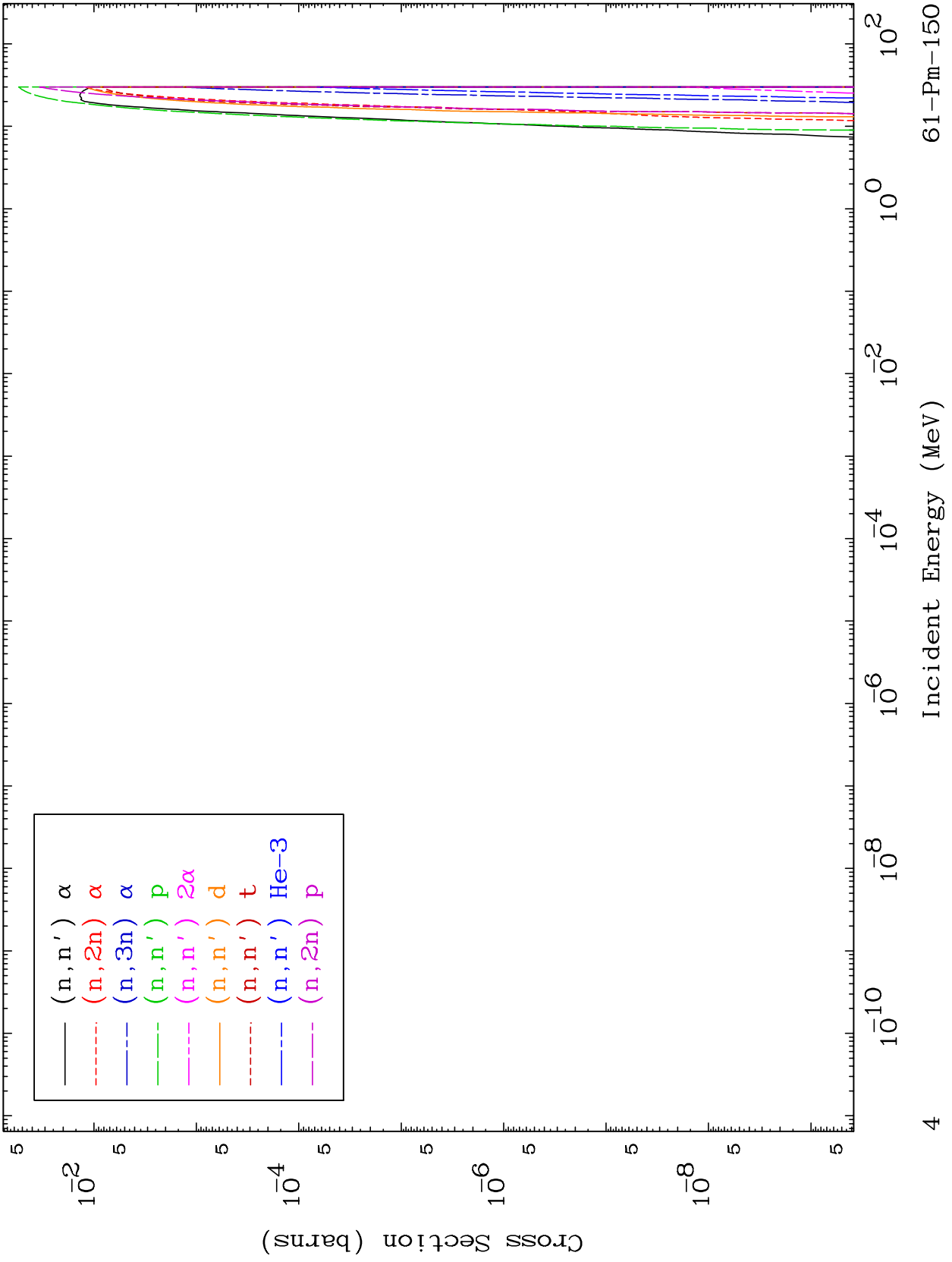
Incident Energy (MeV)

61-Pm-150

MAT 6158

Charged Particle  
293 Kelvin Cross Sections

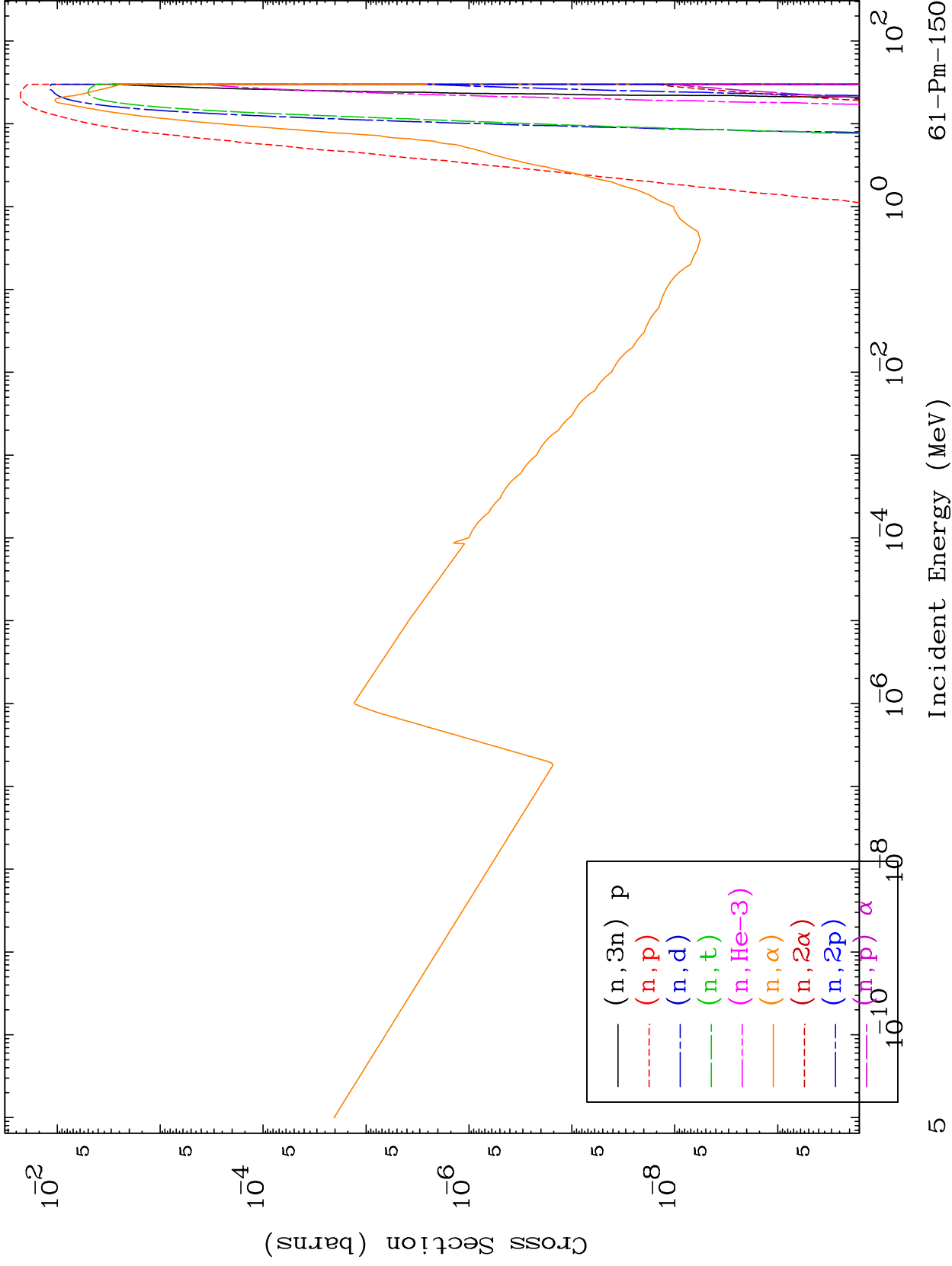
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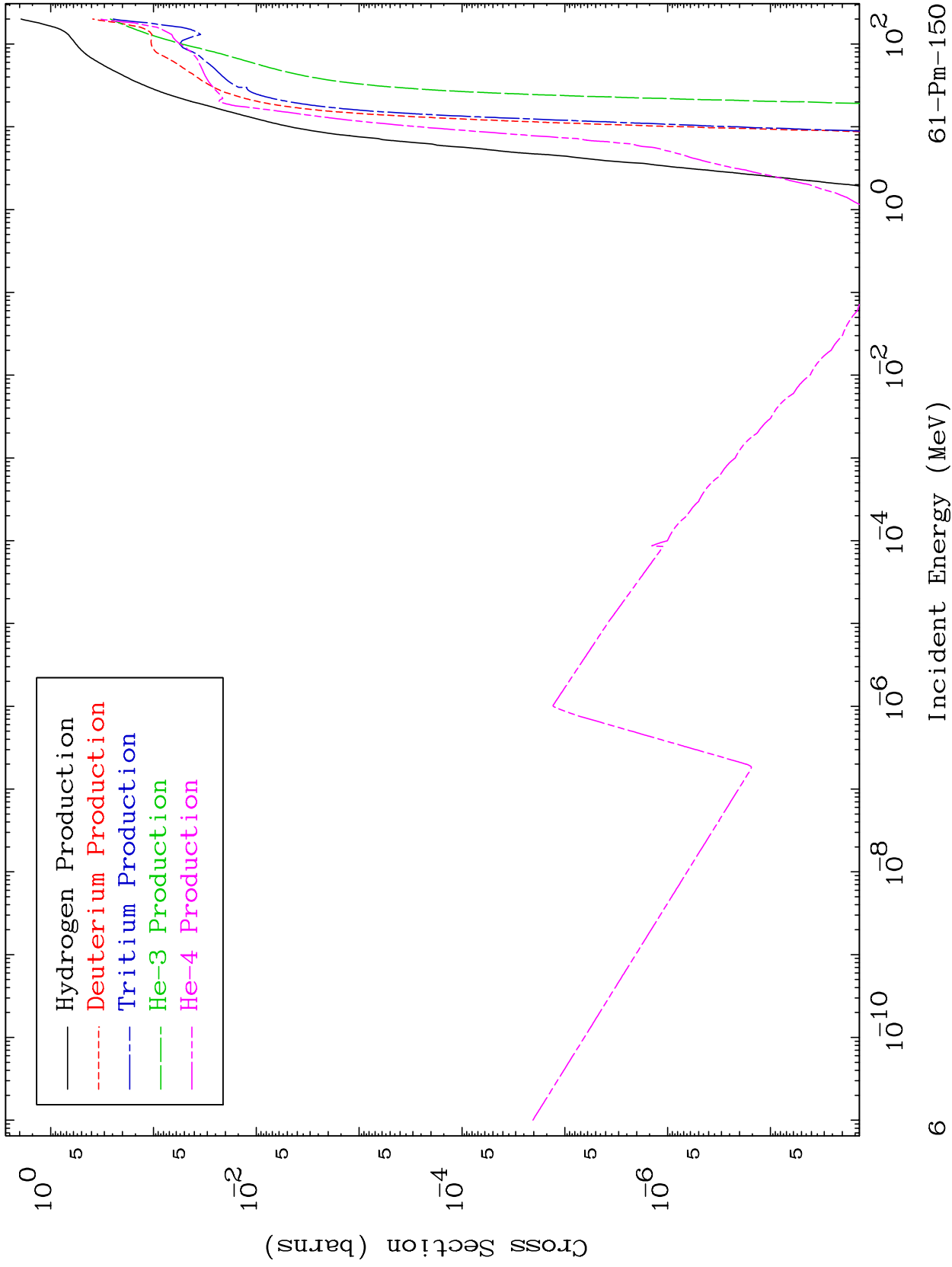


MAT 6158

Charged Particle  
293 Kelvin Cross Sections

61-Pm-150



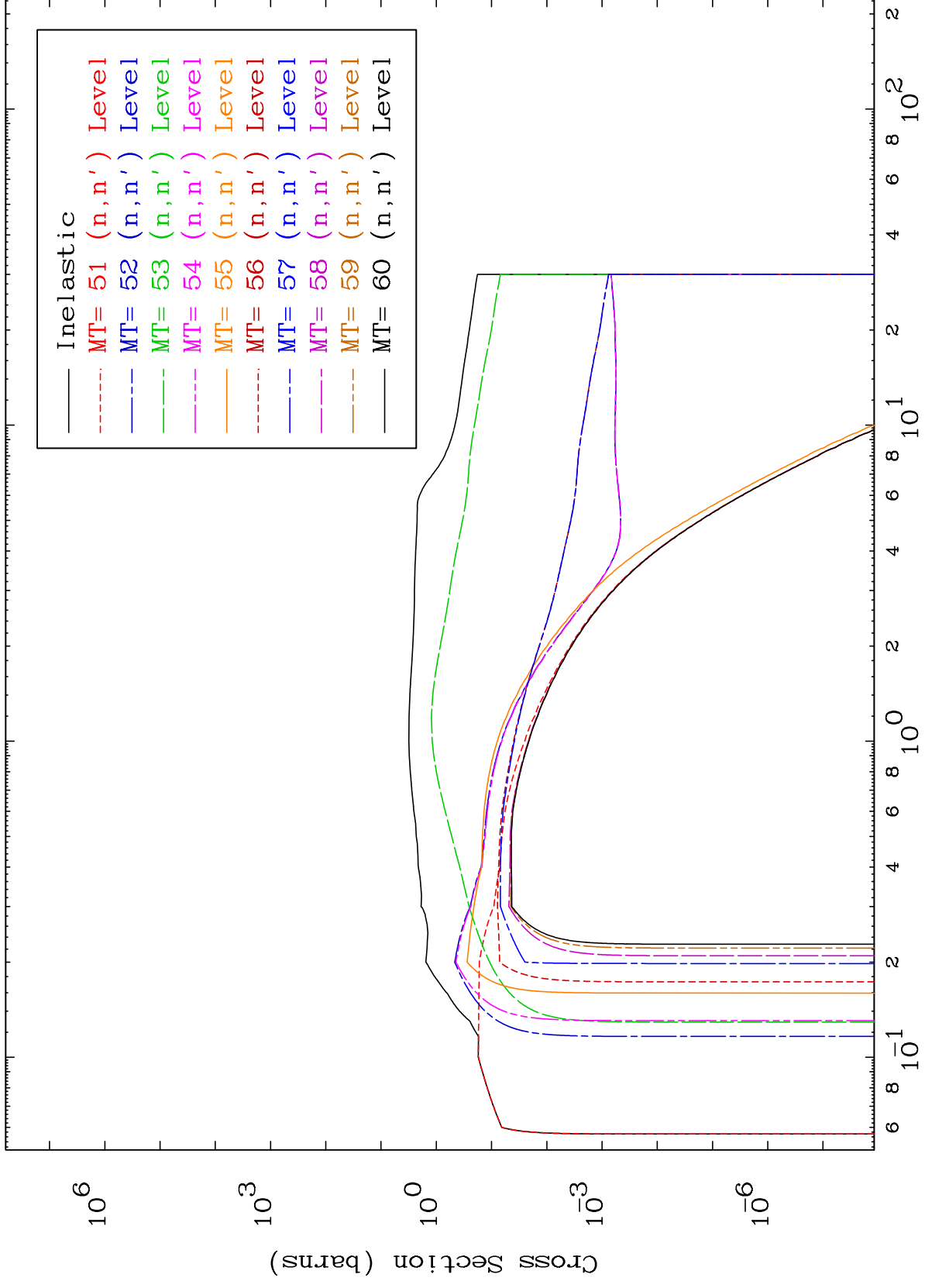


MAT 6158

(n,n') Level

61-Pm-150

293 Kelvin Cross Sections

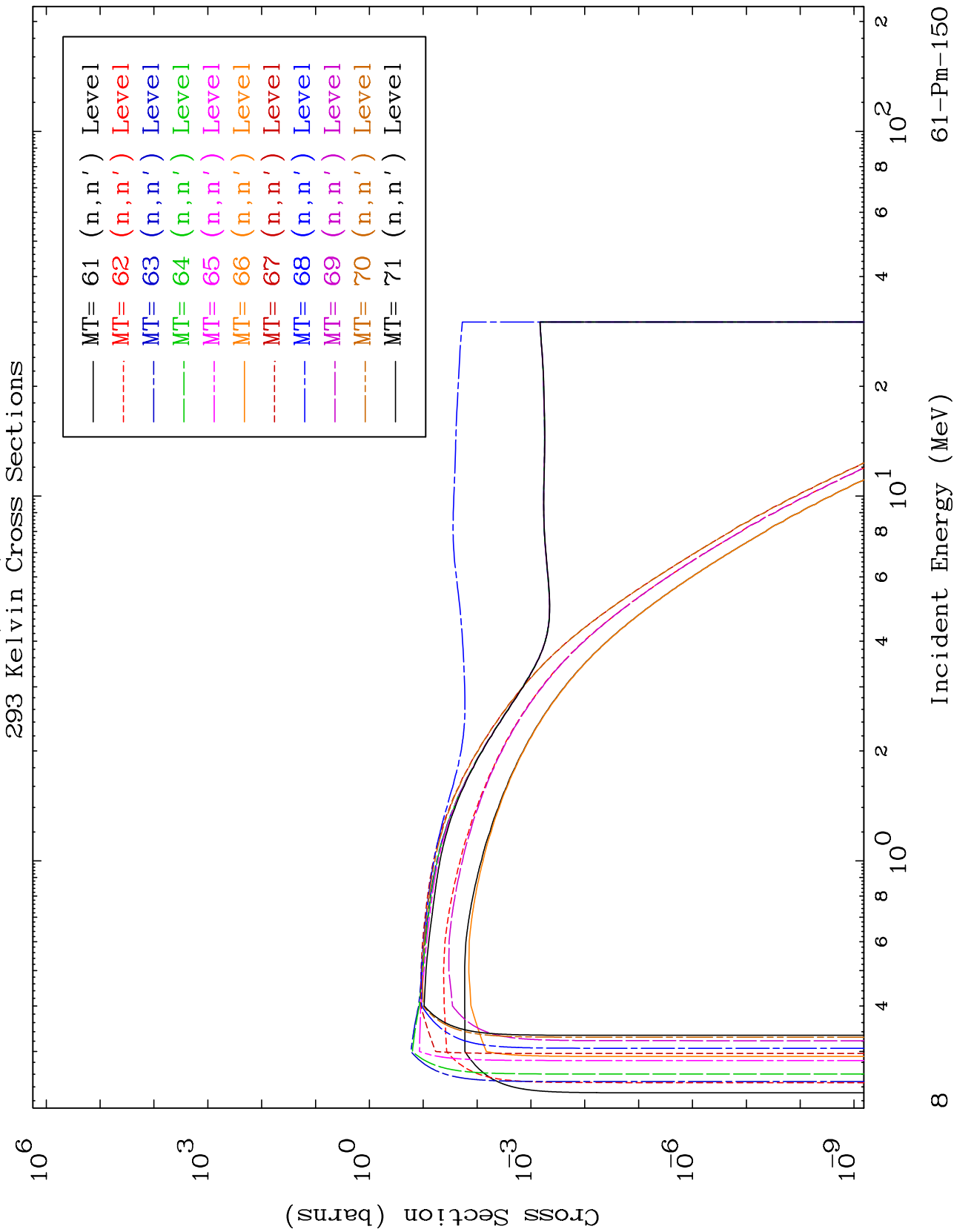




MAT 6158

(n,n') Level

61-Pm-150



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Incident Energy (MeV)

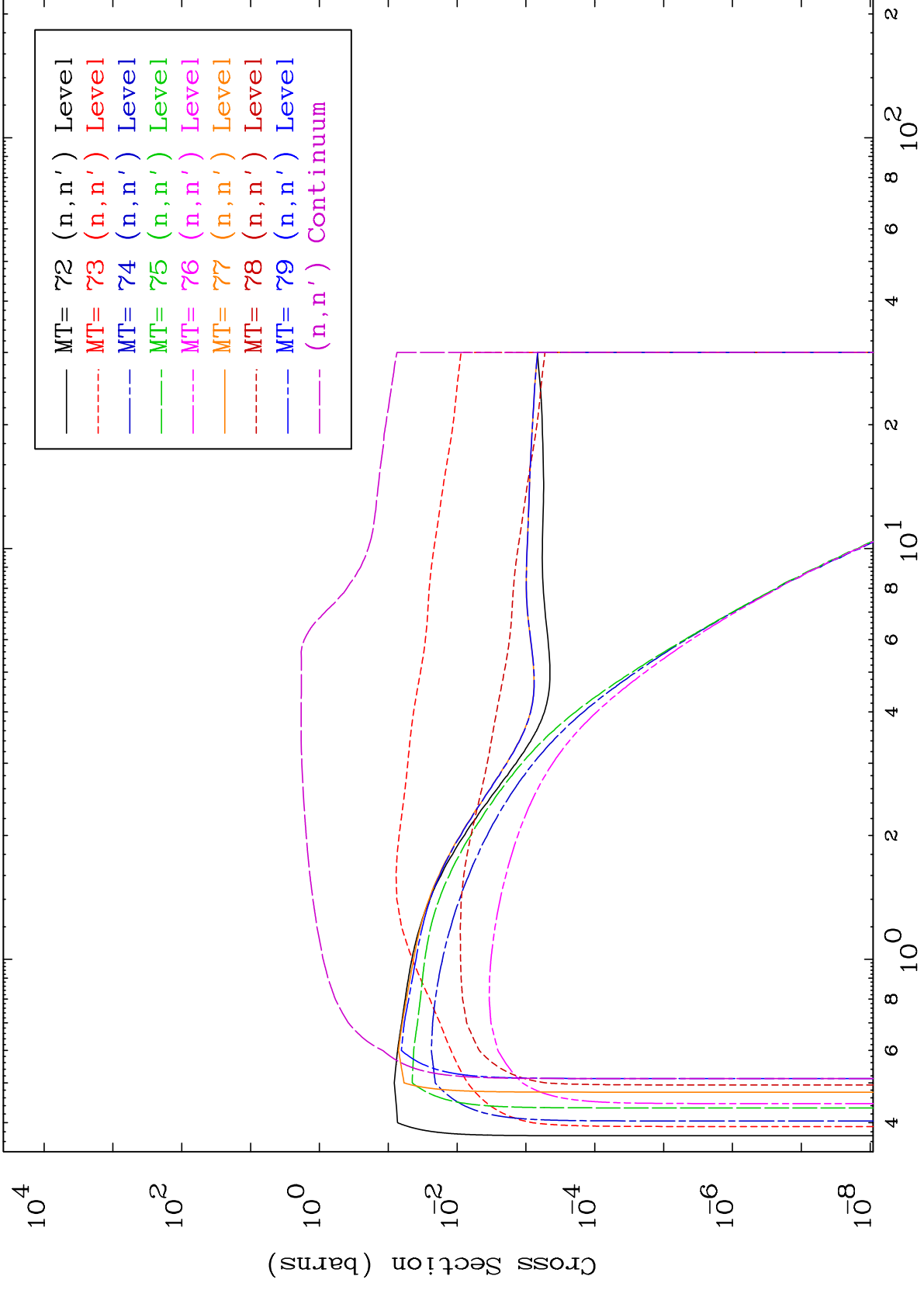
61-Pm-150

MAT 6158

(n,n') Level

61-Pm-150

293 Kelvin Cross Sections



9

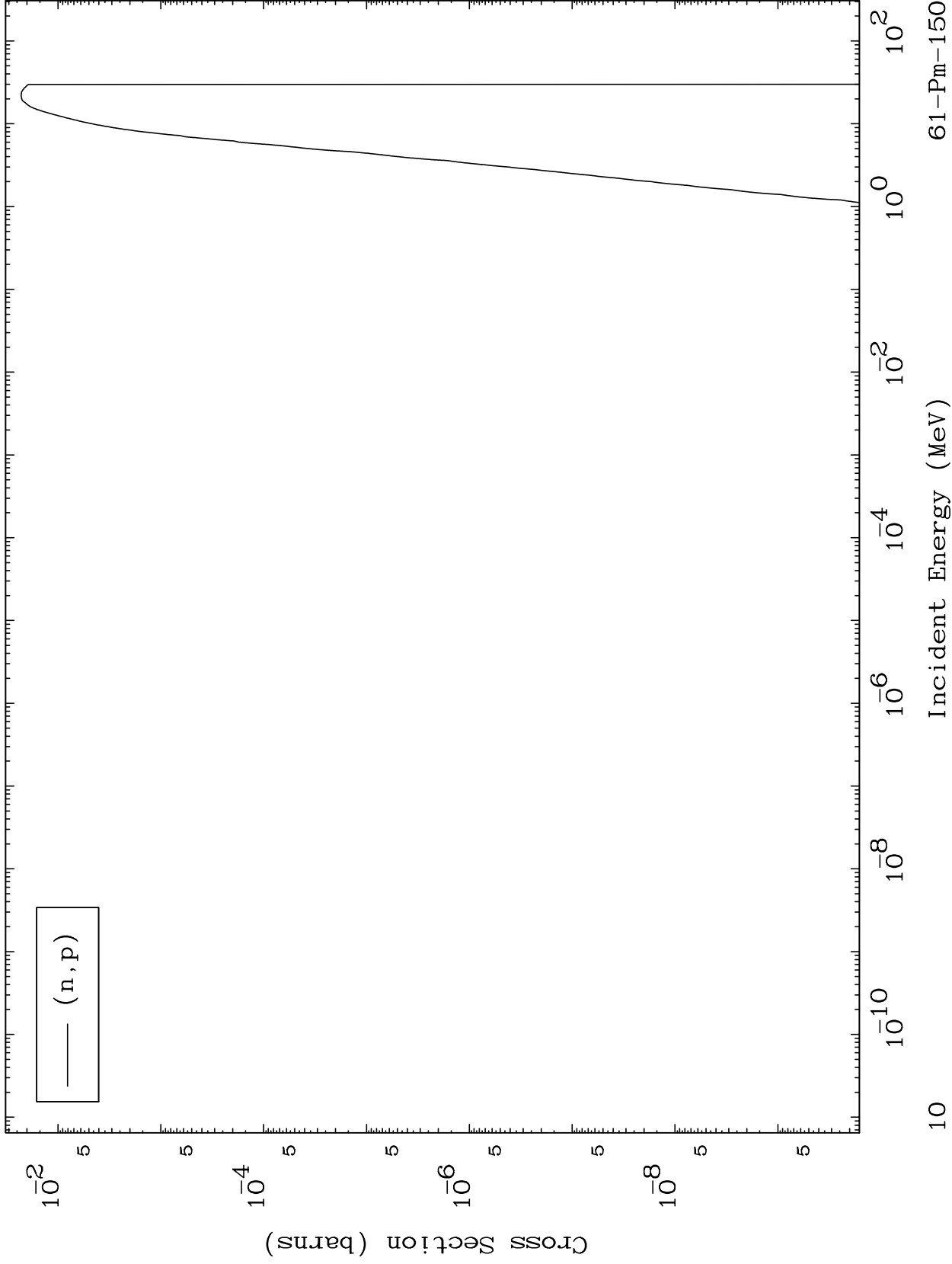
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-150



10

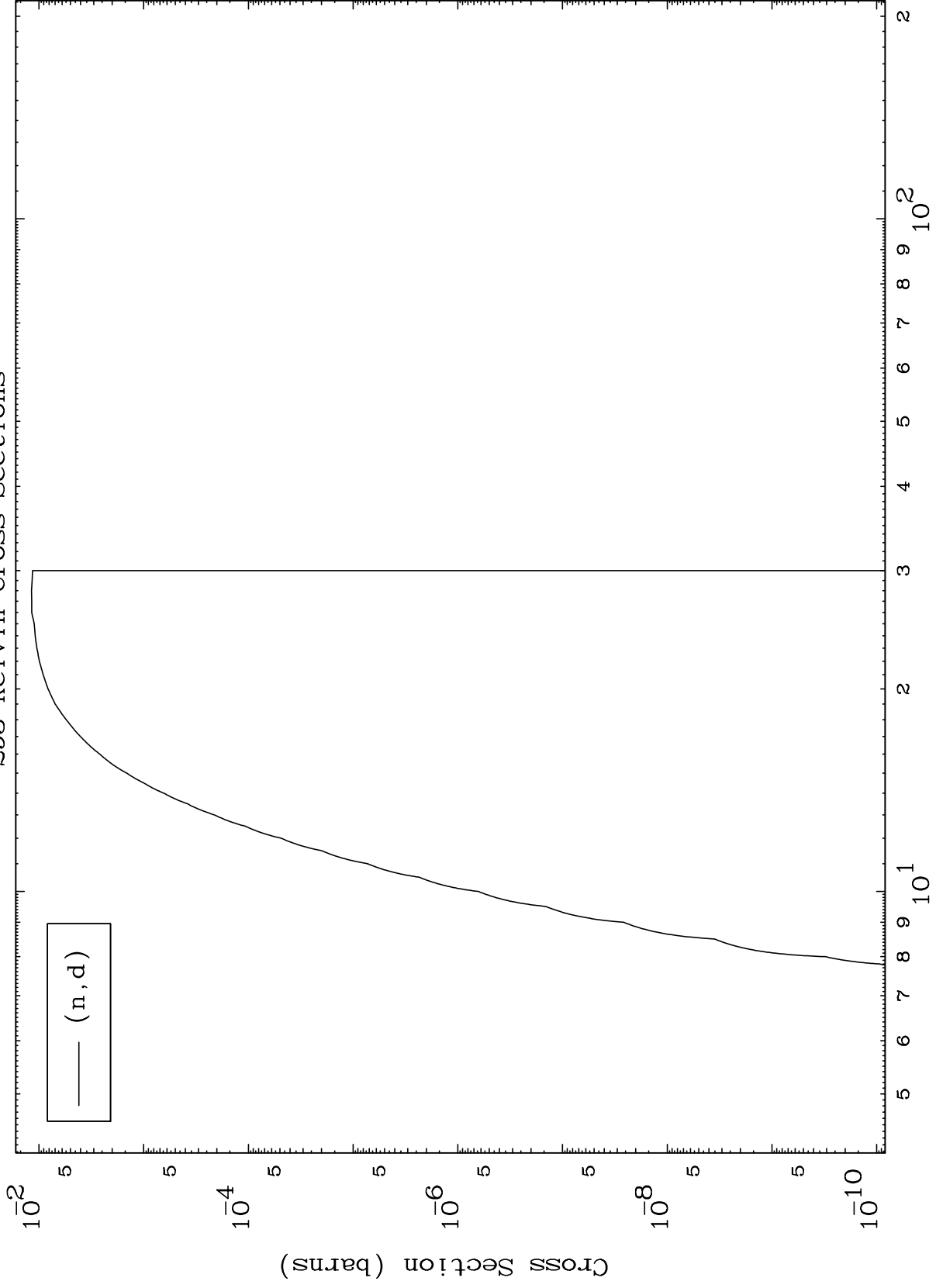
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,d) Levels  
293 Kelvin Cross Sections

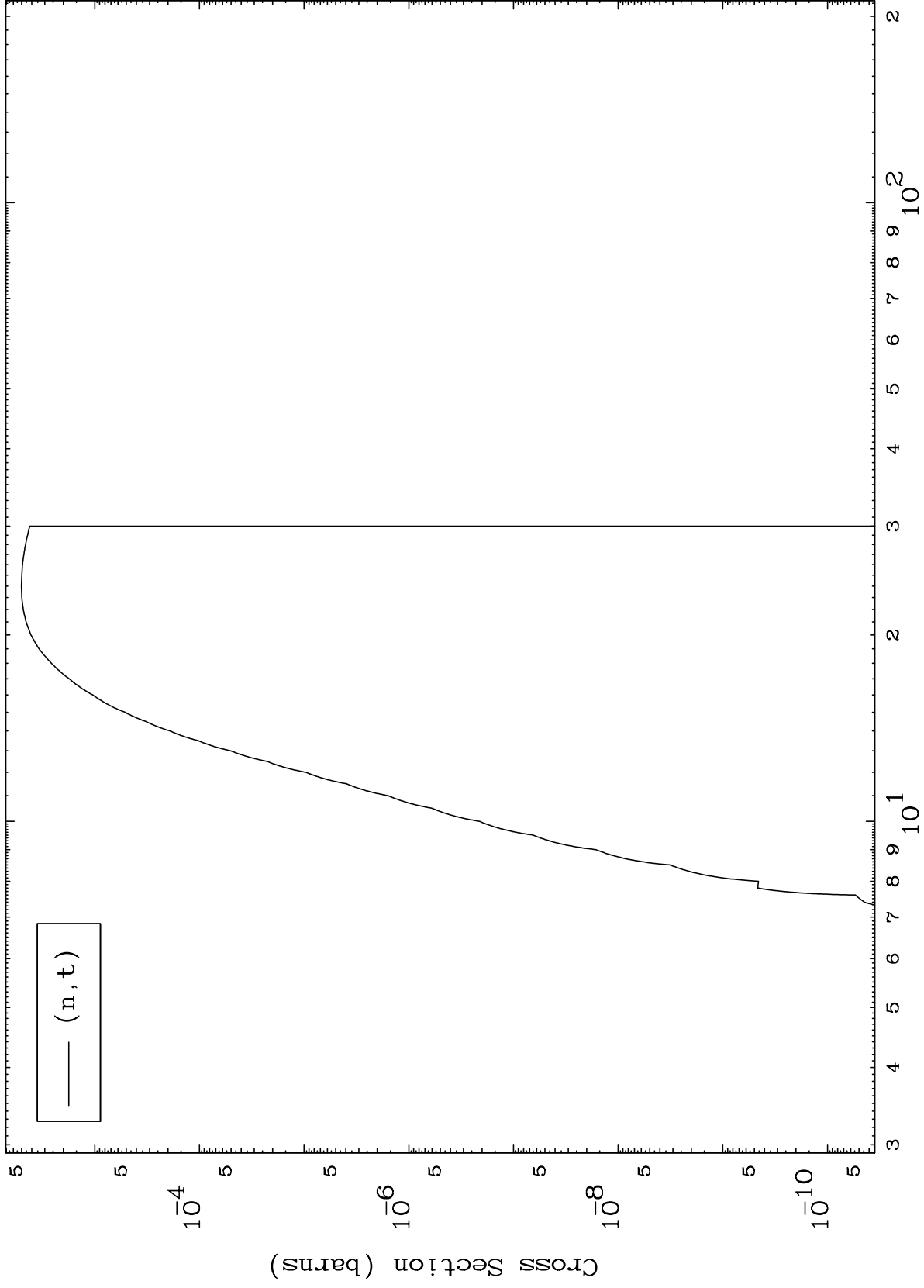
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MAT 6158

(n,t) Levels  
293 Kelvin Cross Sections

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12

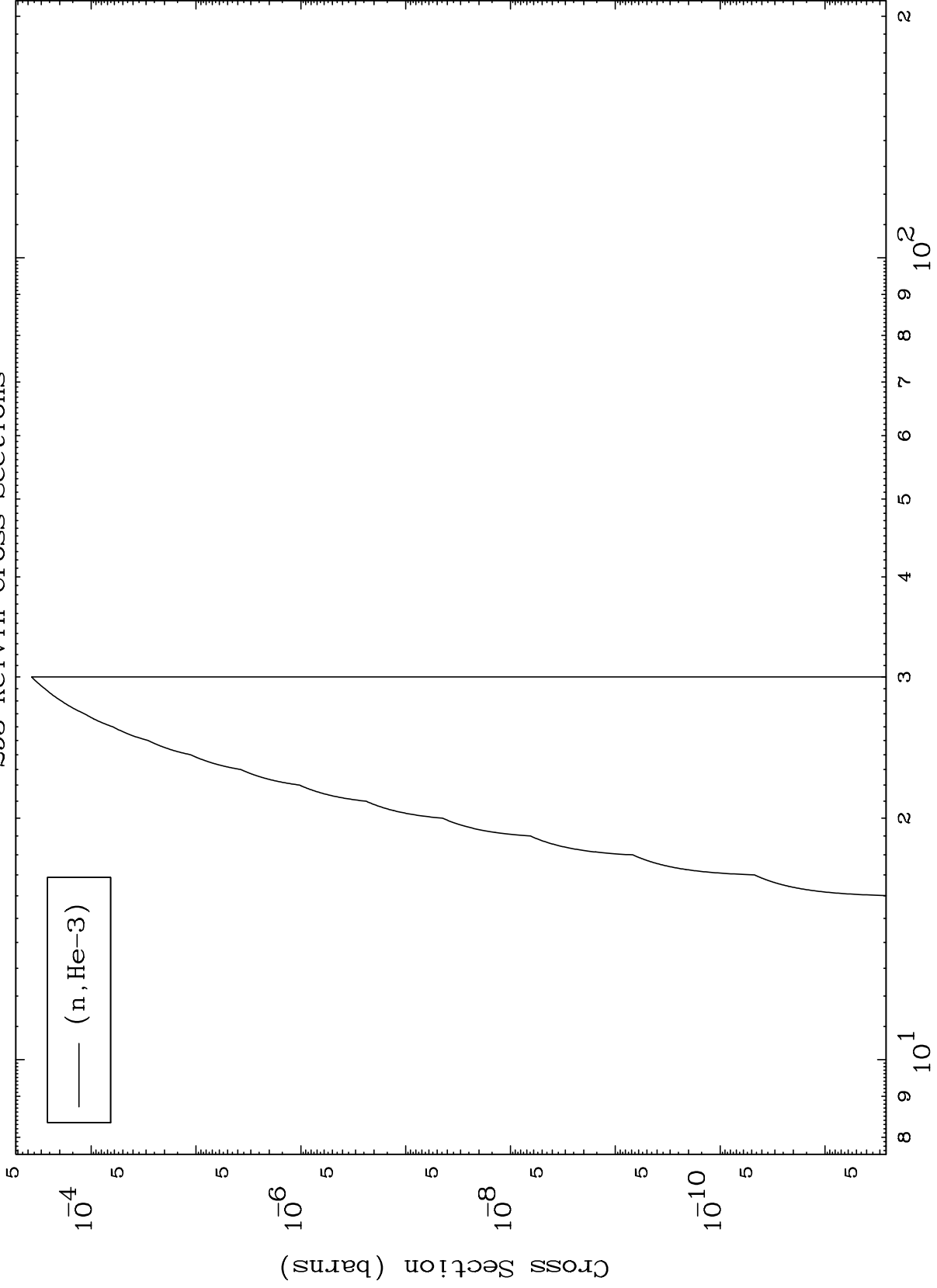
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,He3) Levels  
293 Kelvin Cross Sections

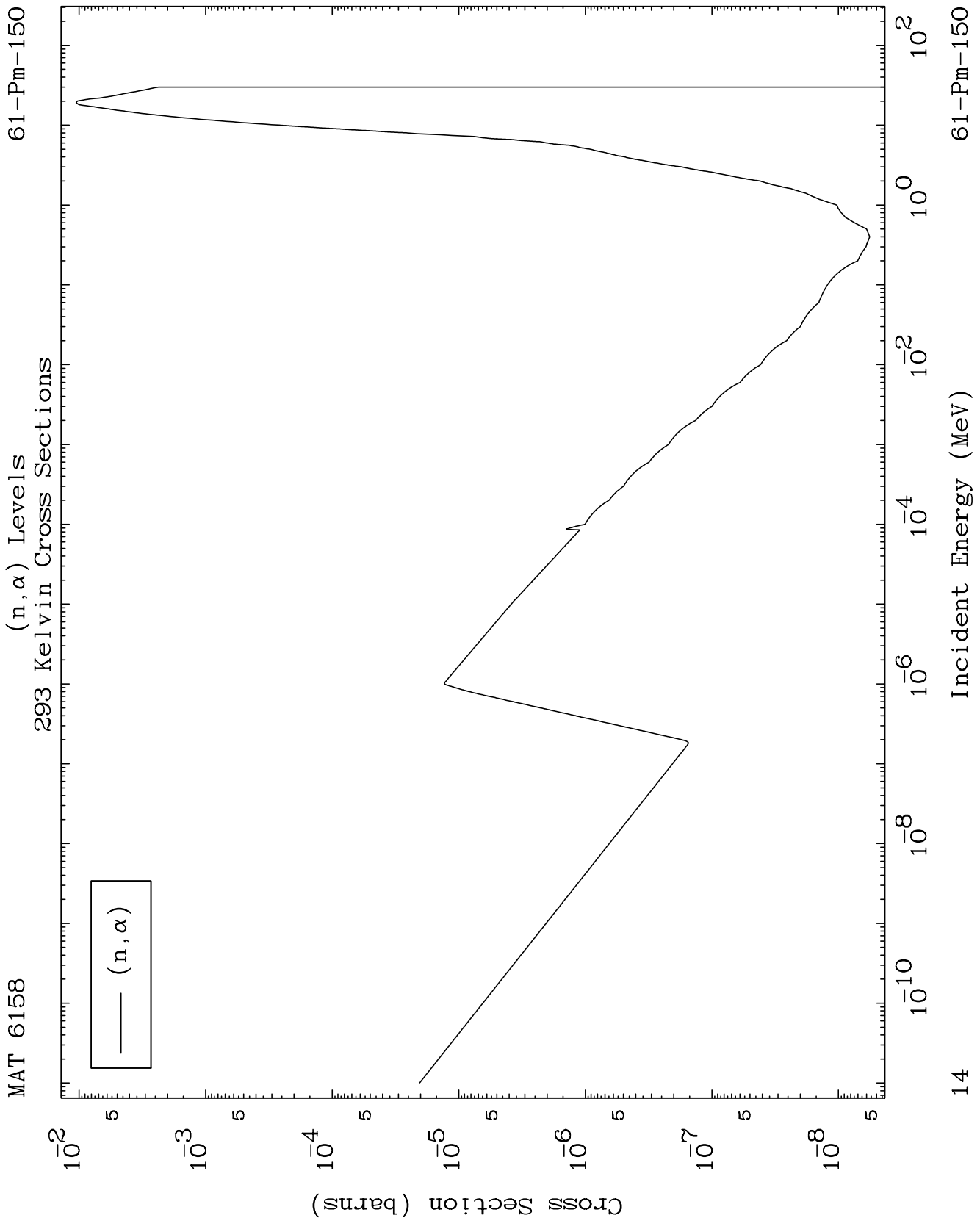
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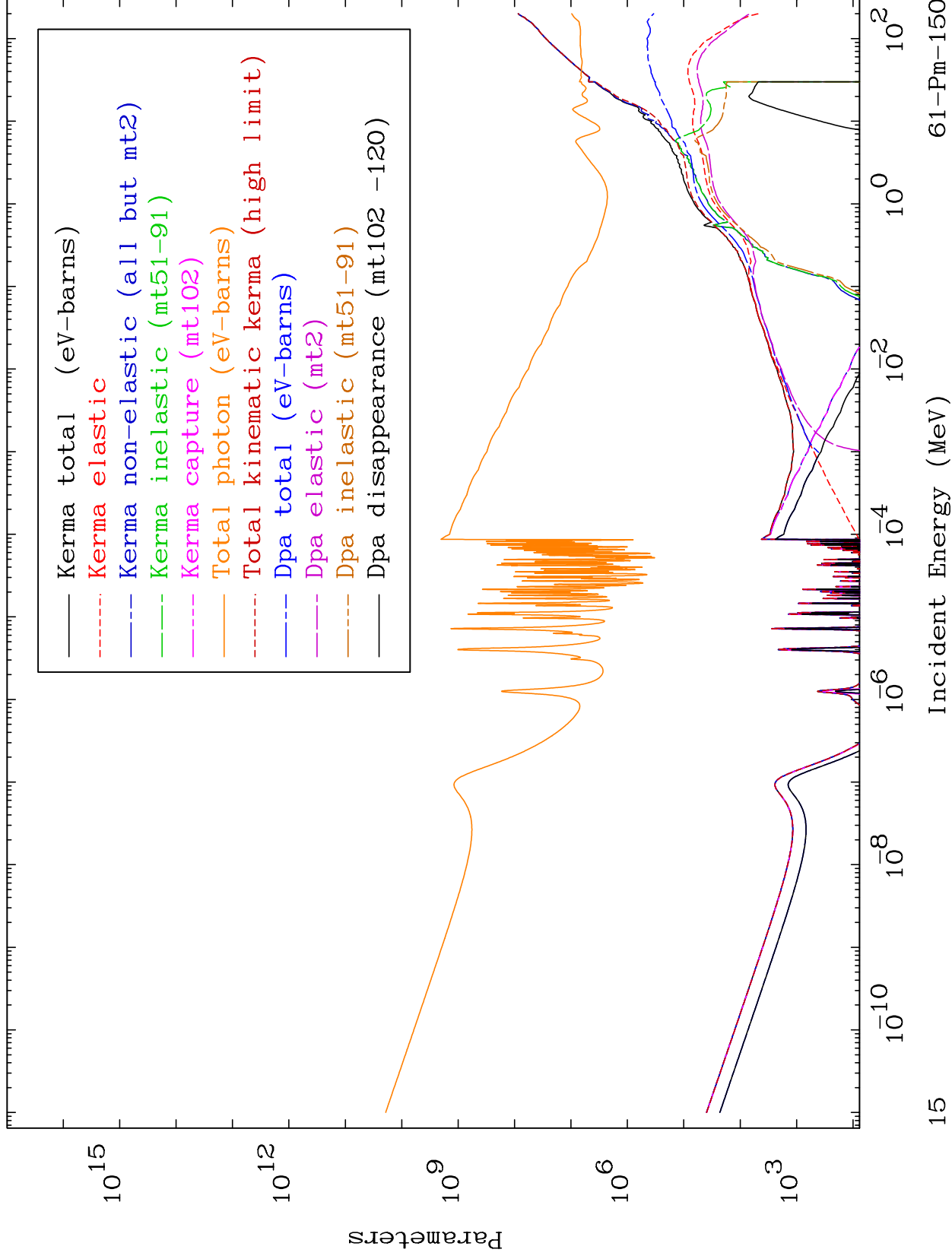


13

Incident Energy (MeV)

61-Pm-150



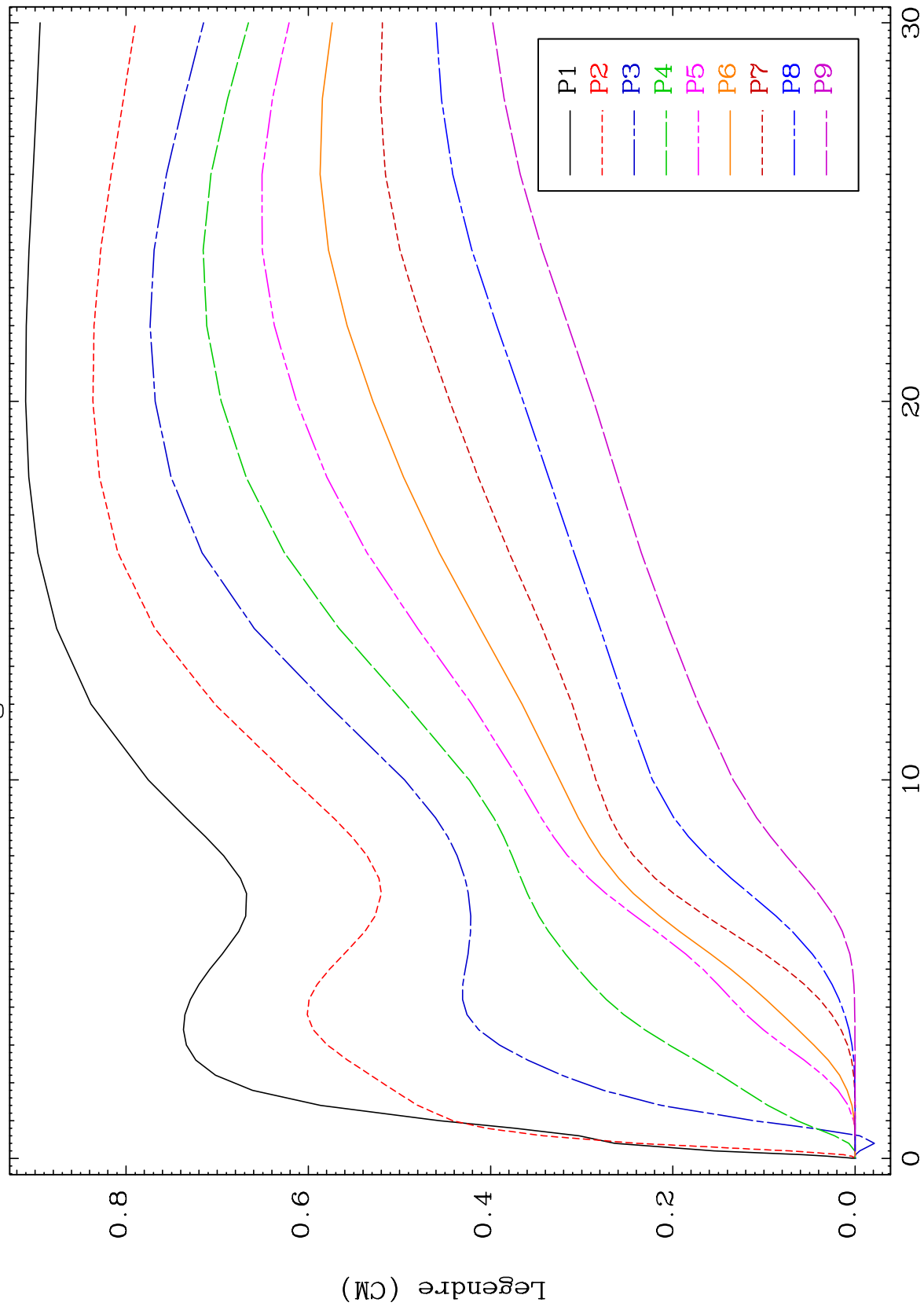




MAT 6158

Elastic Legendre Coefficients

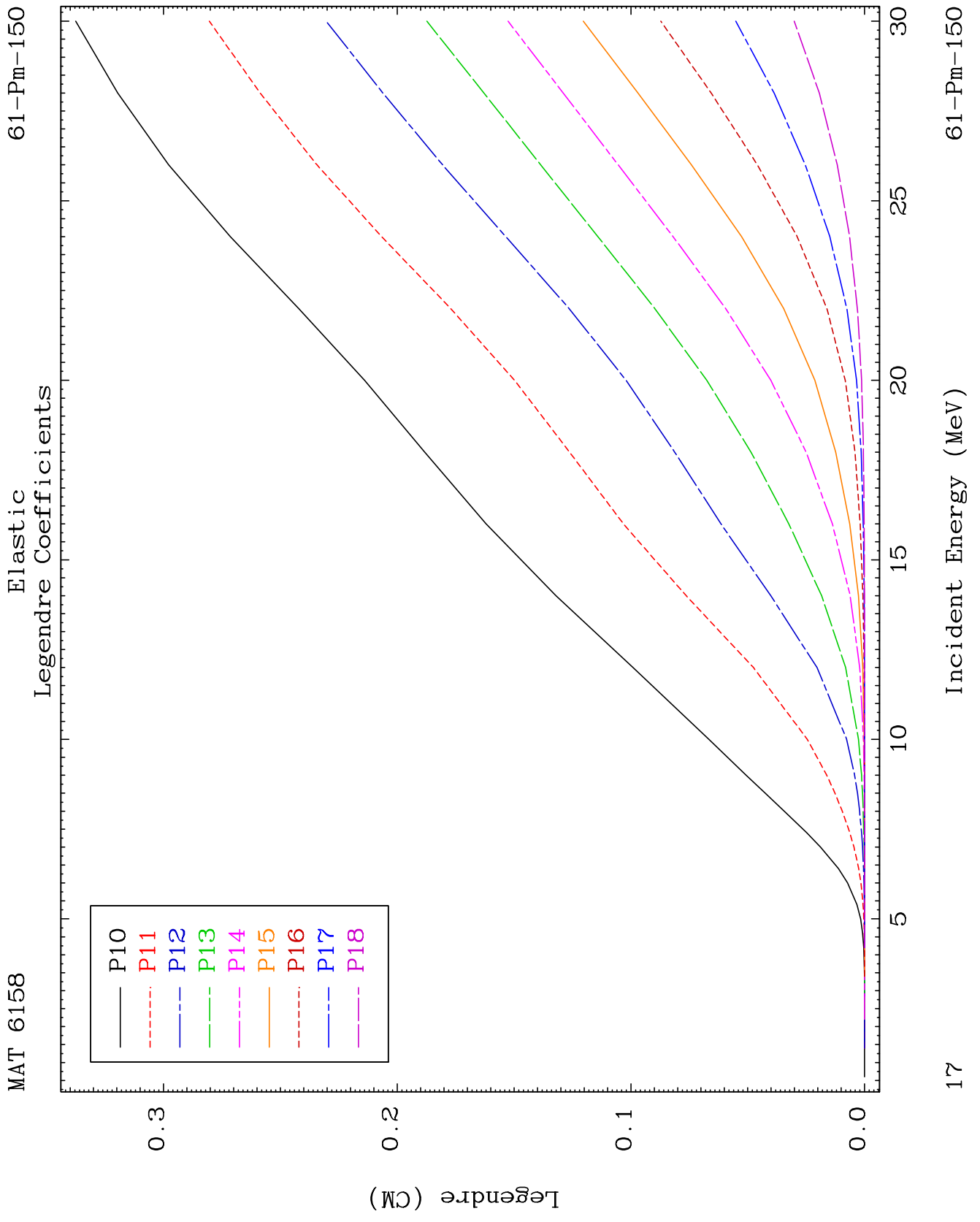
61-Pm-150



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Incident Energy (MeV)

61-Pm-150

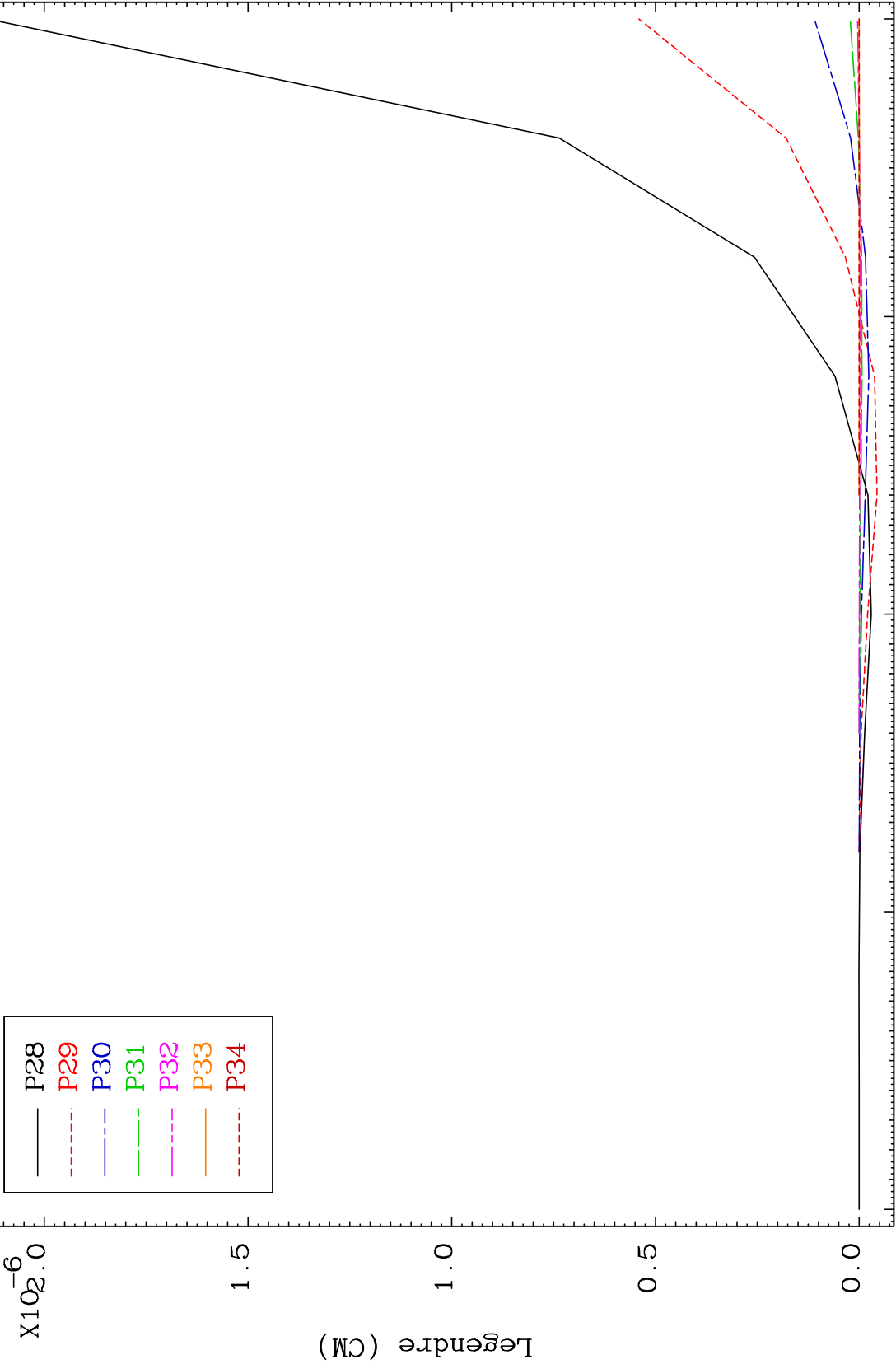
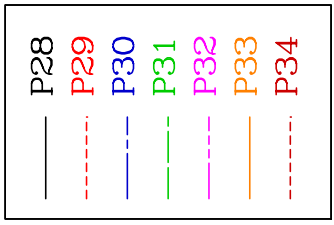




MAT 6158

Elastic Legendre Coefficients

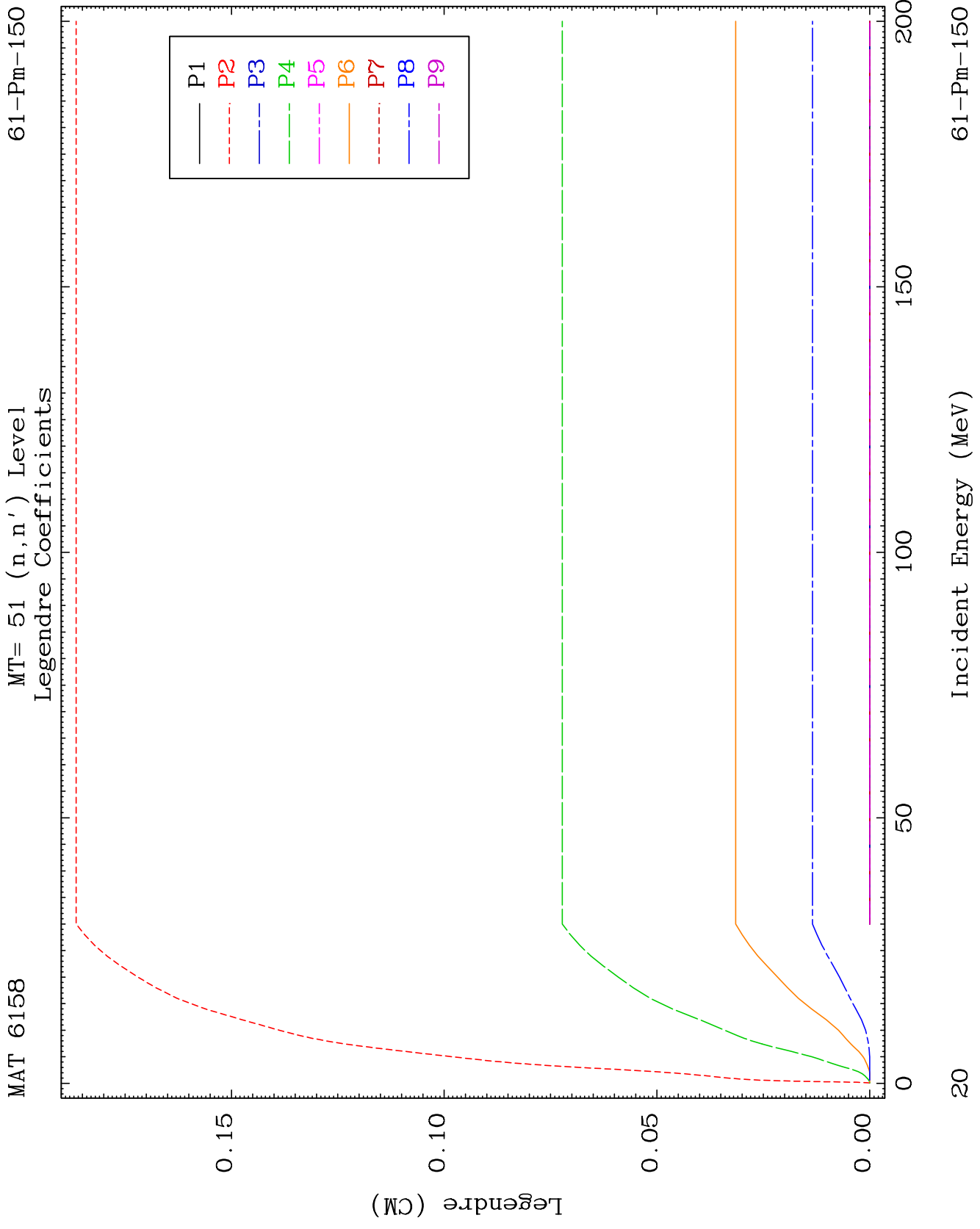
61-Pm-150



19

Incident Energy (MeV)

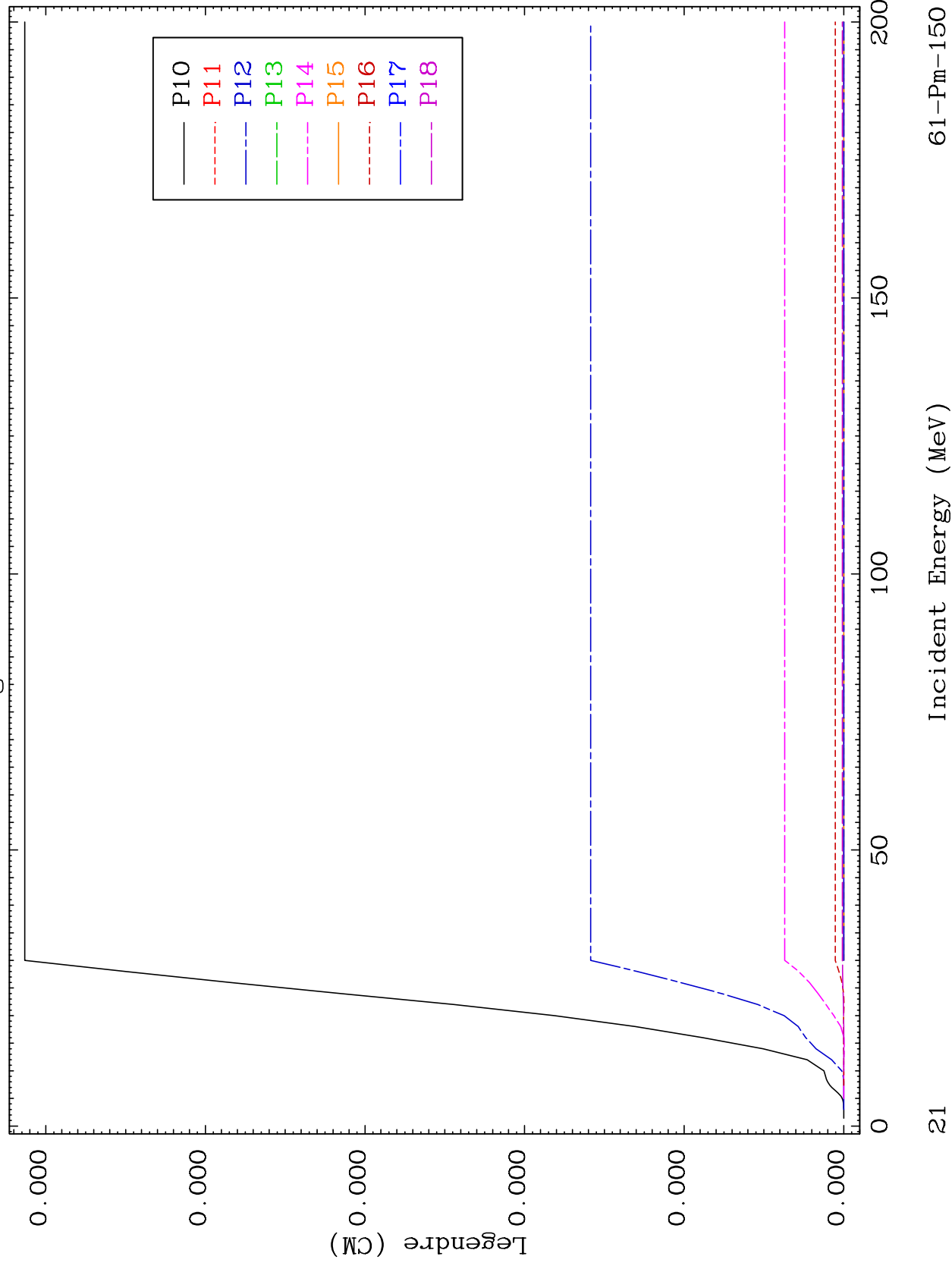
61-Pm-150



MAT 6158

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

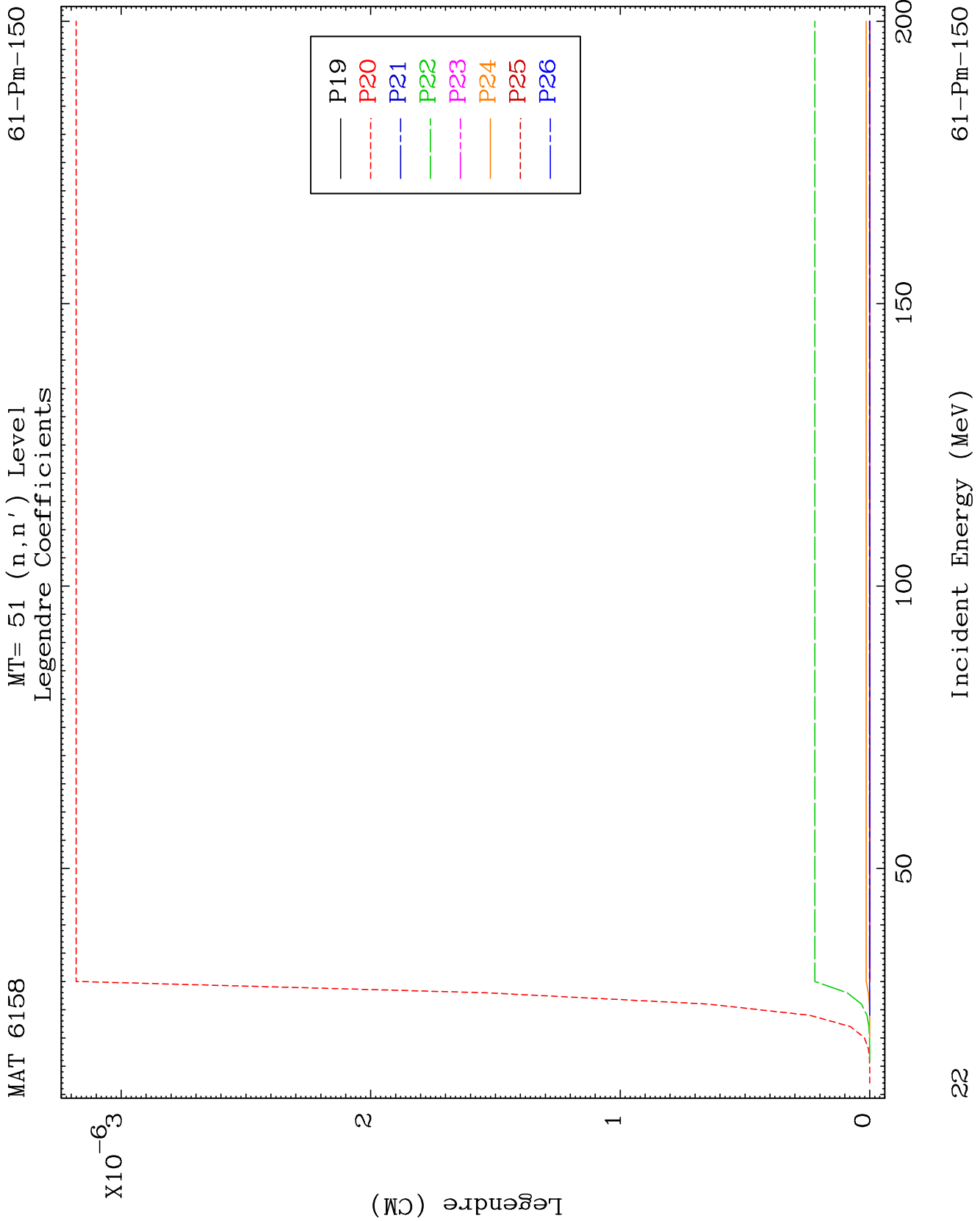
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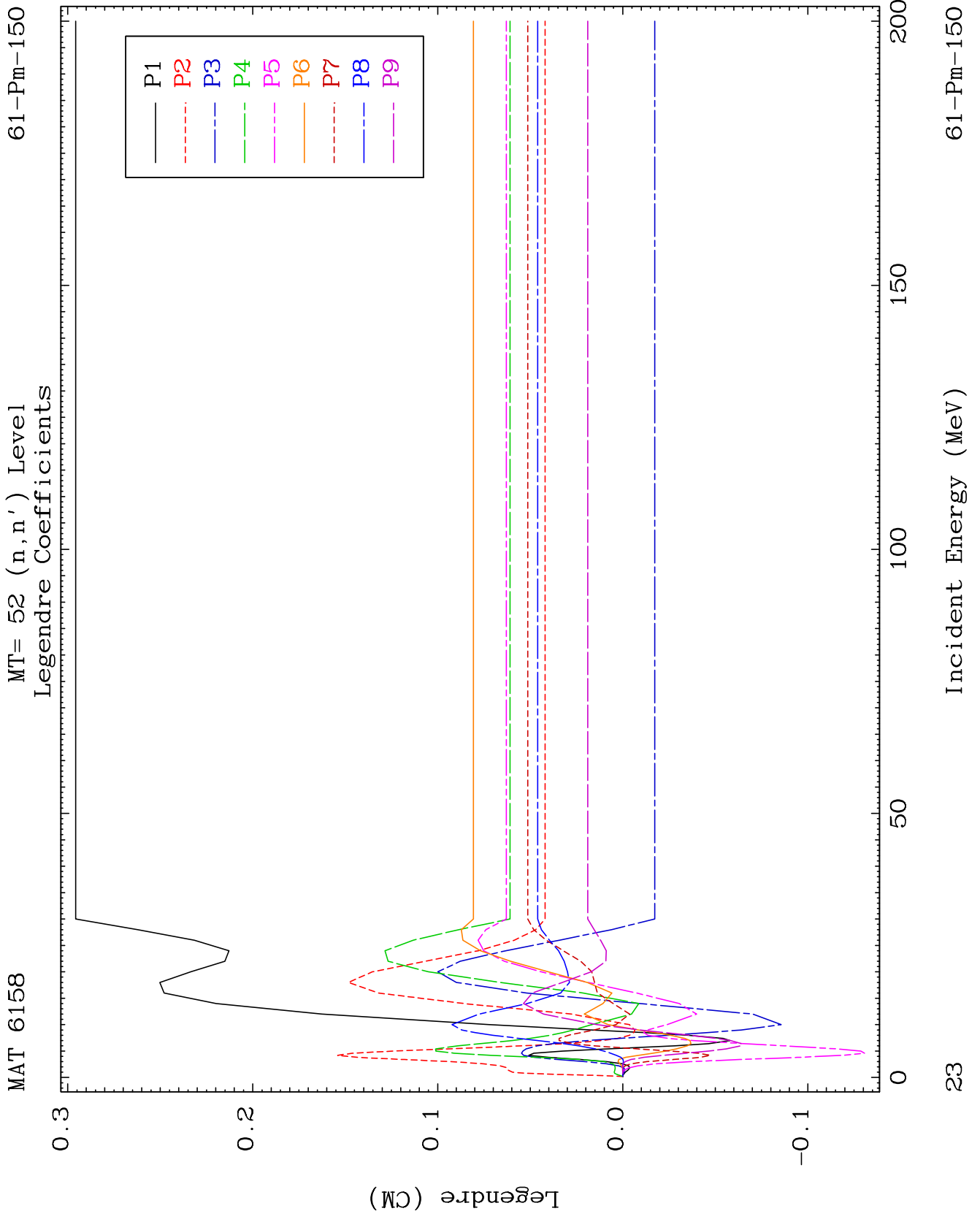


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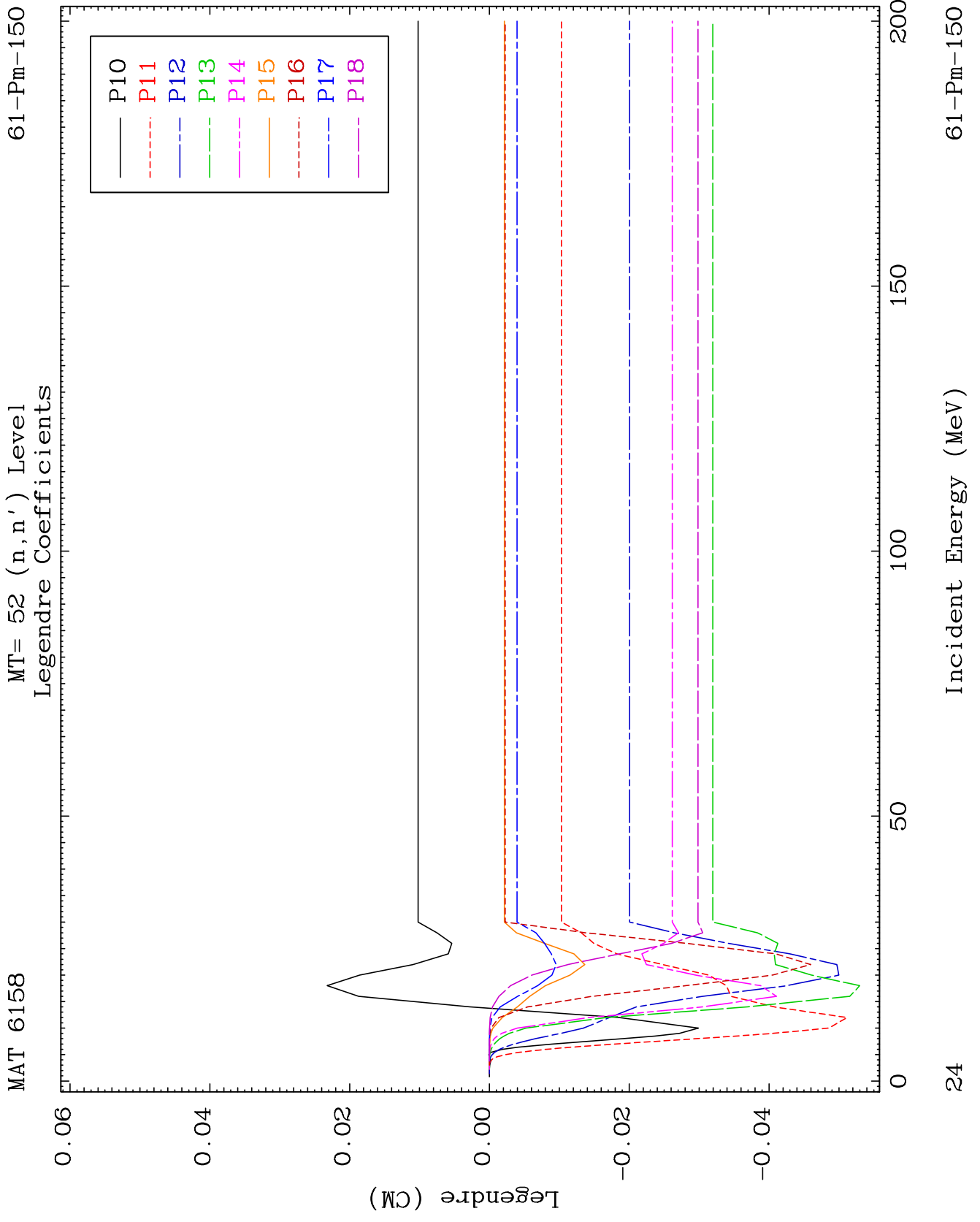
Incident Energy (MeV)

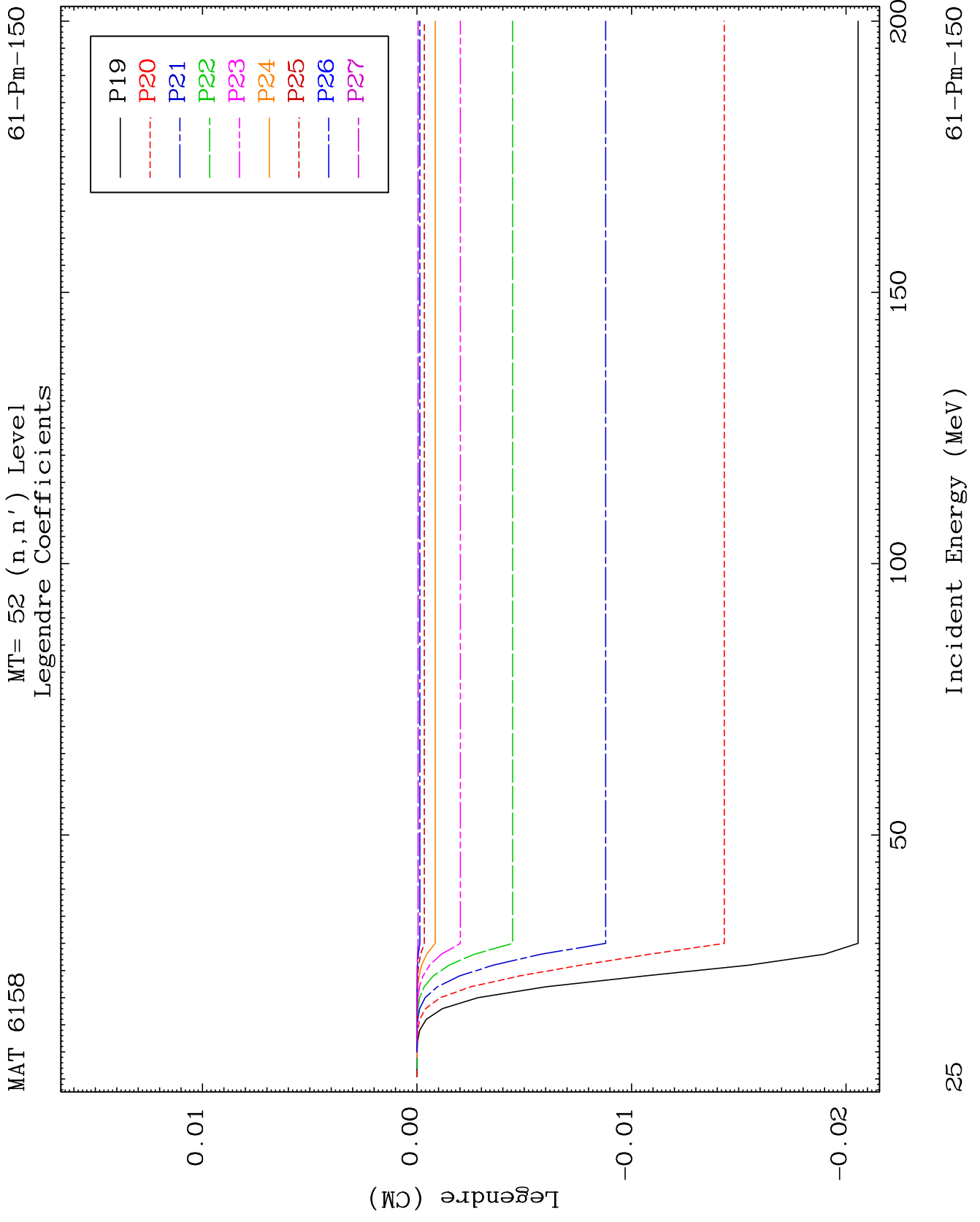
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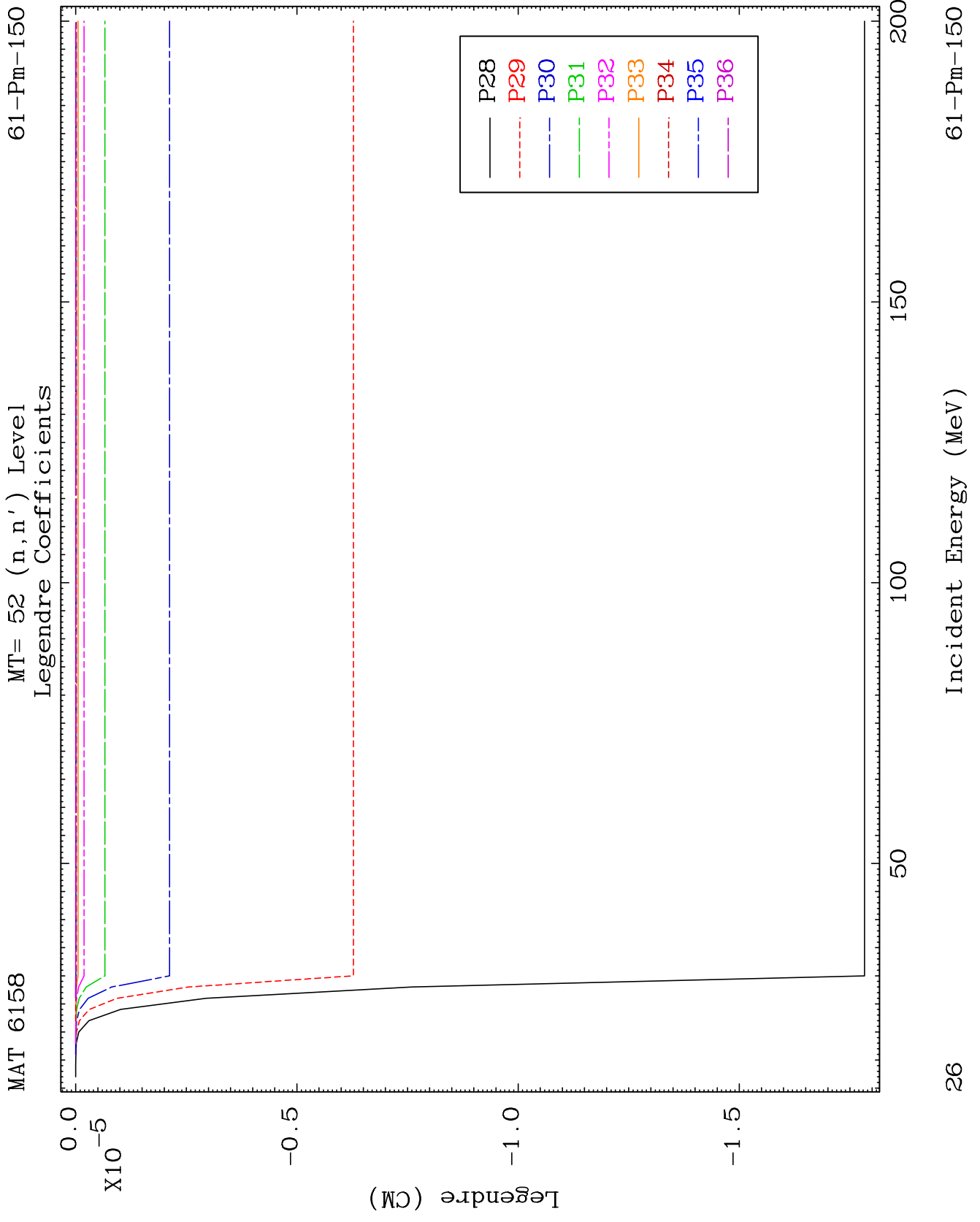








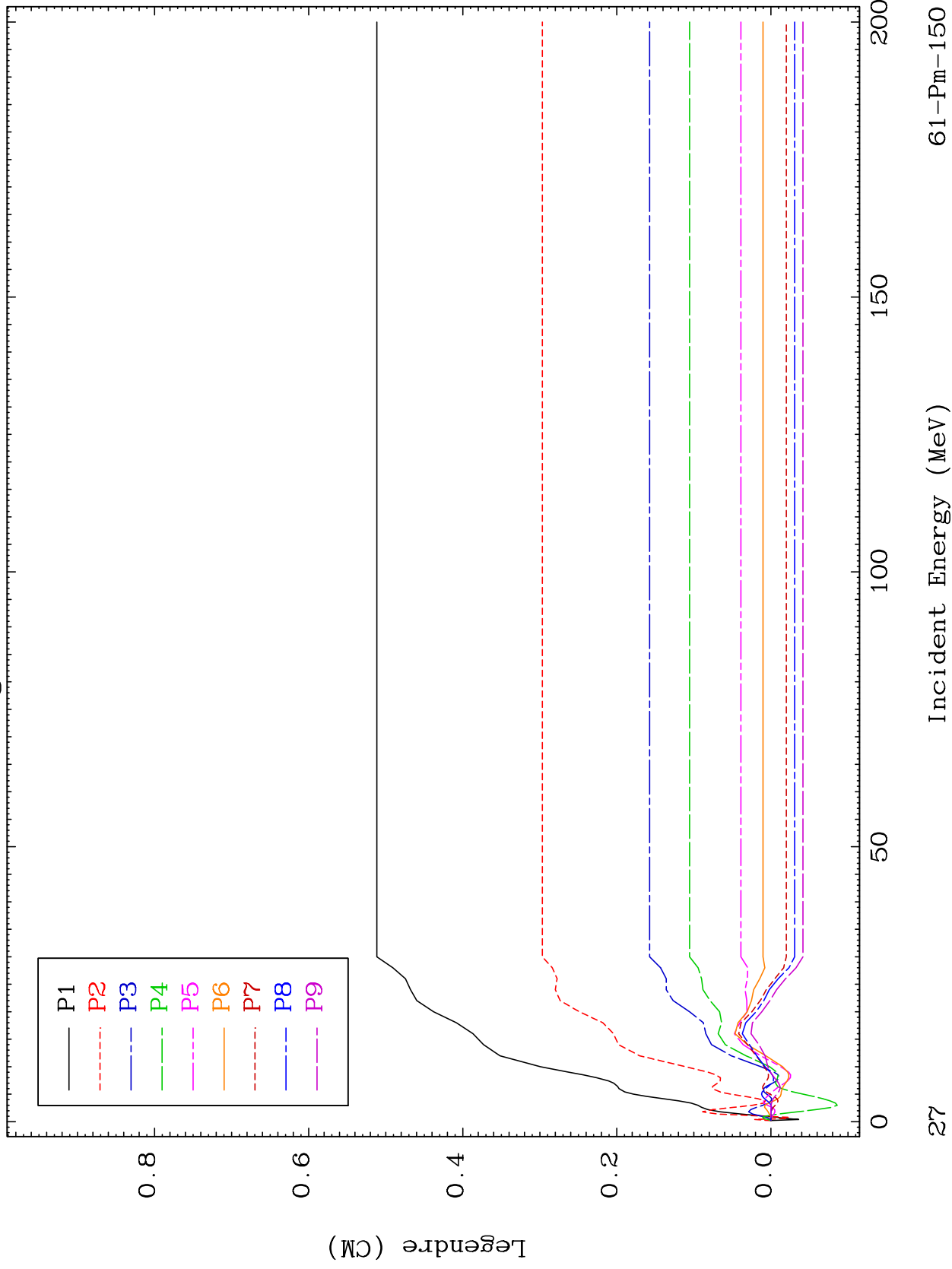




MAT 6158

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

61-Pm-150



27

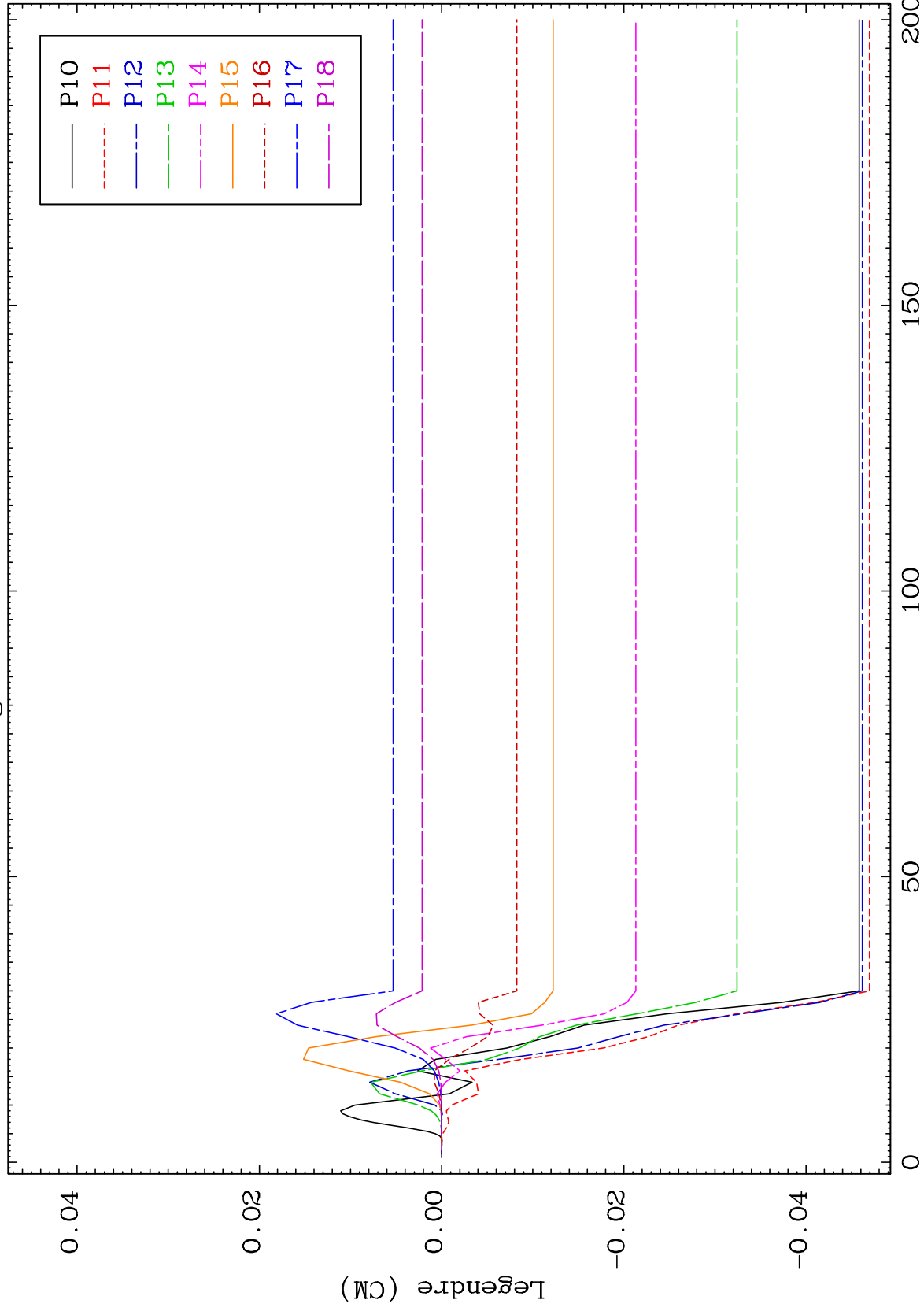
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



28

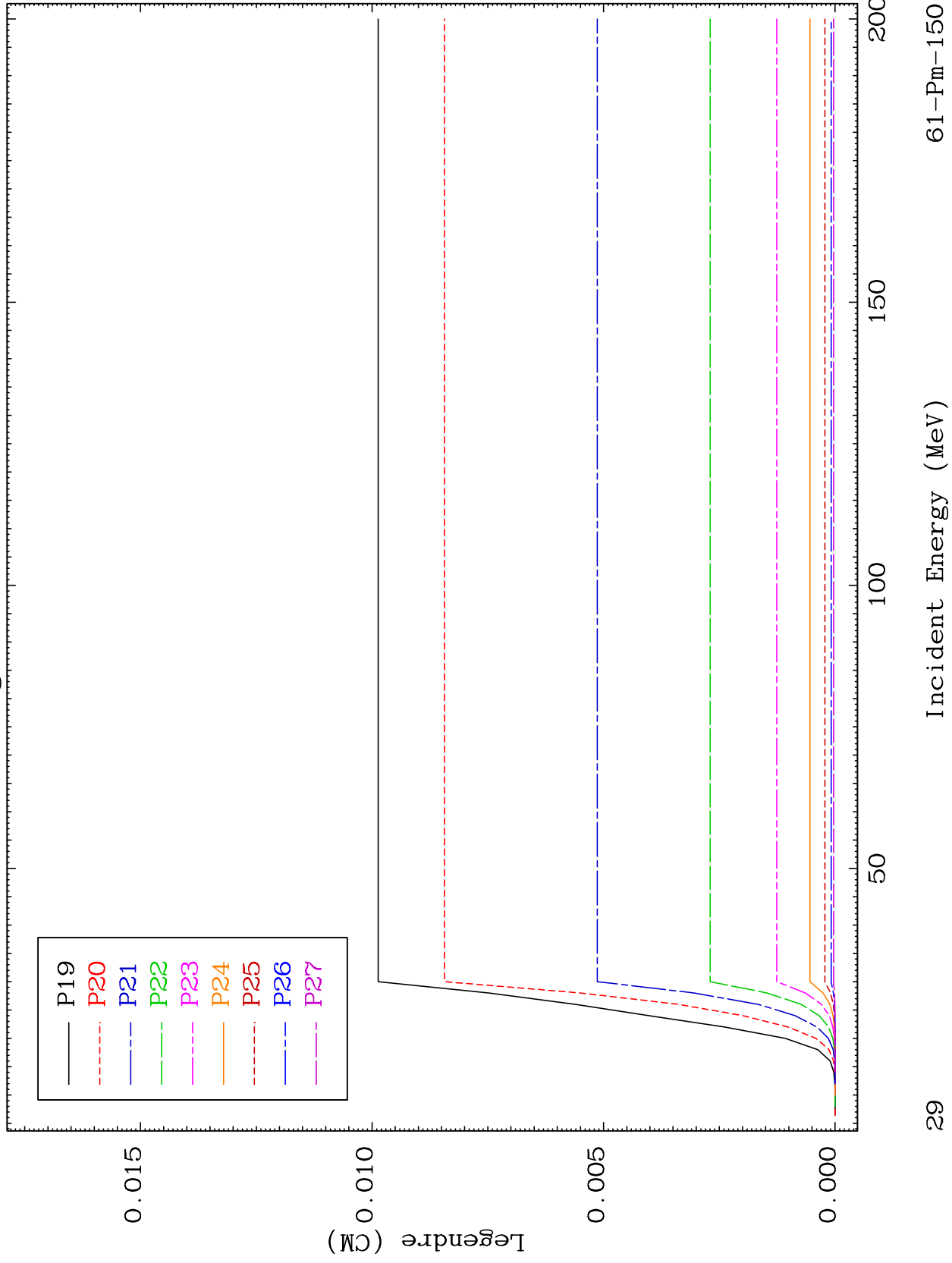
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



29

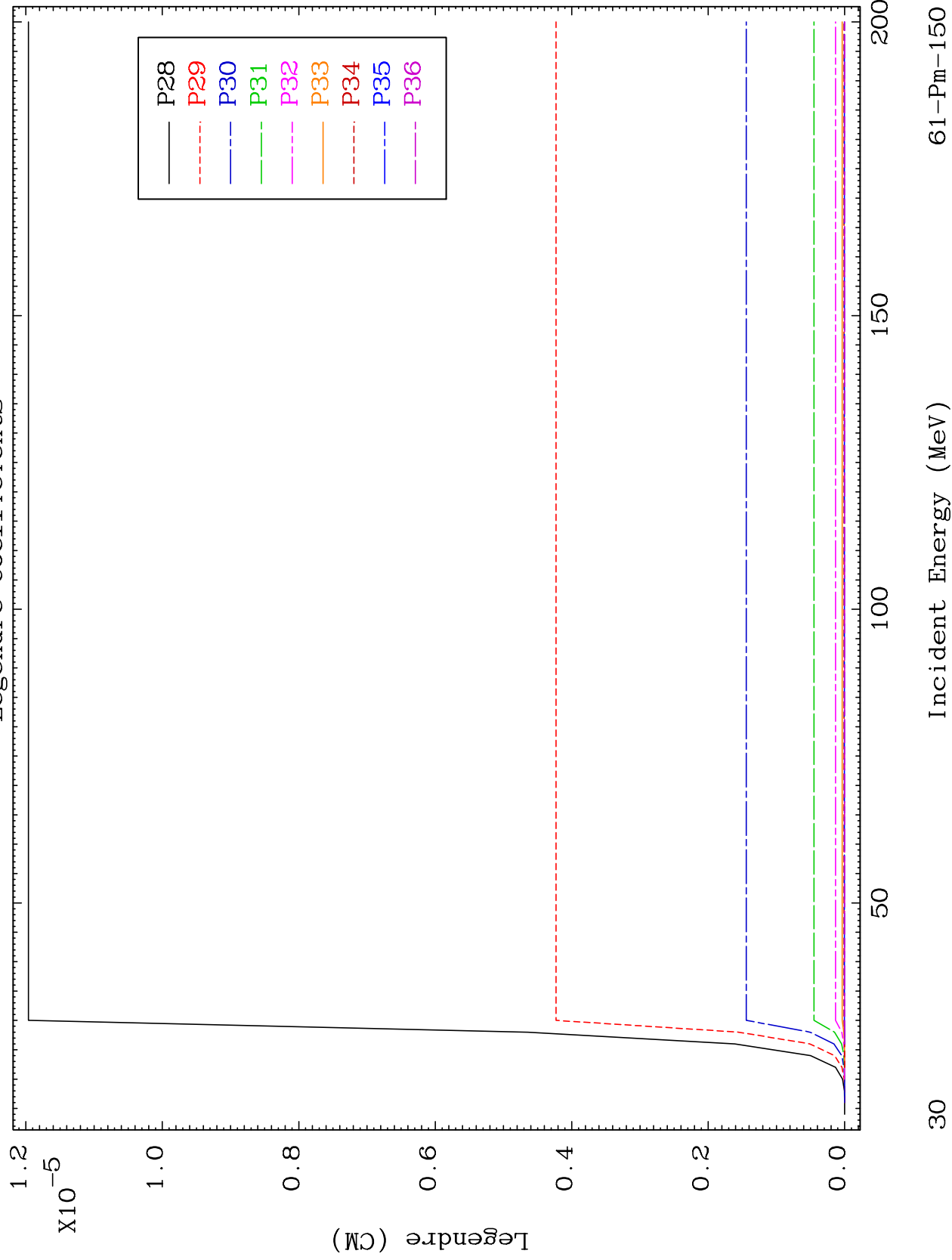
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



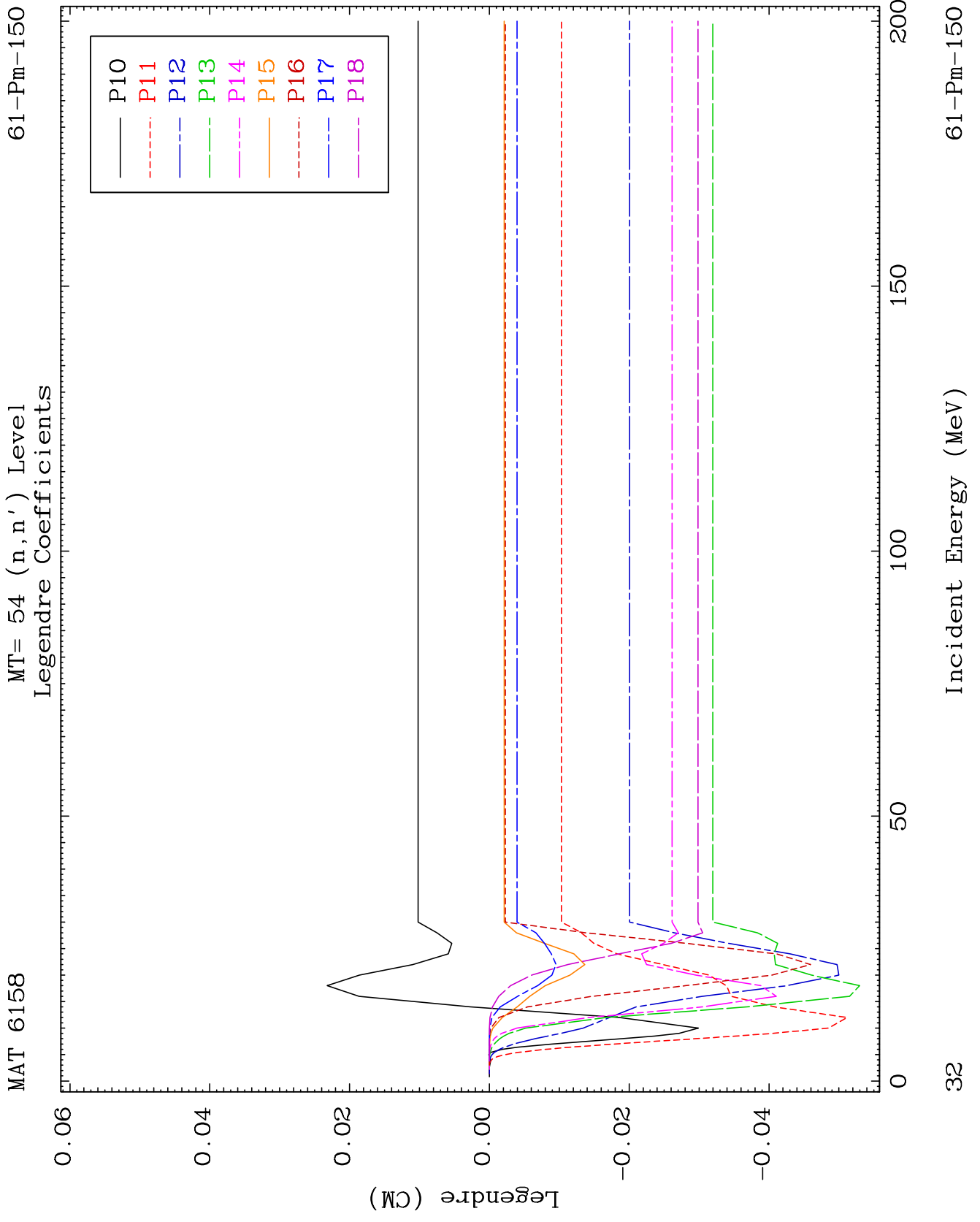
61-Pm-150

Incident Energy (MeV)

30



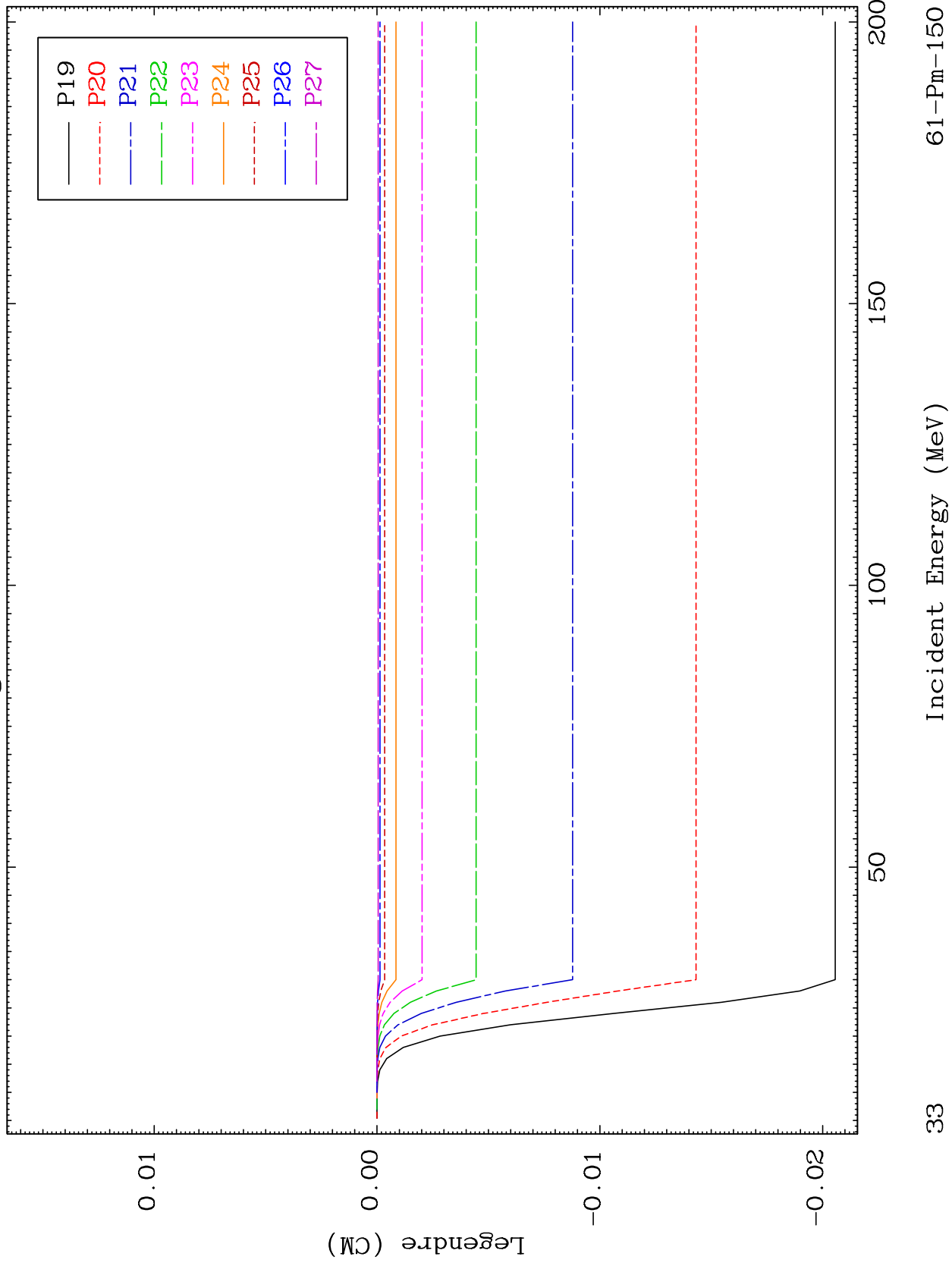




MAT 6158

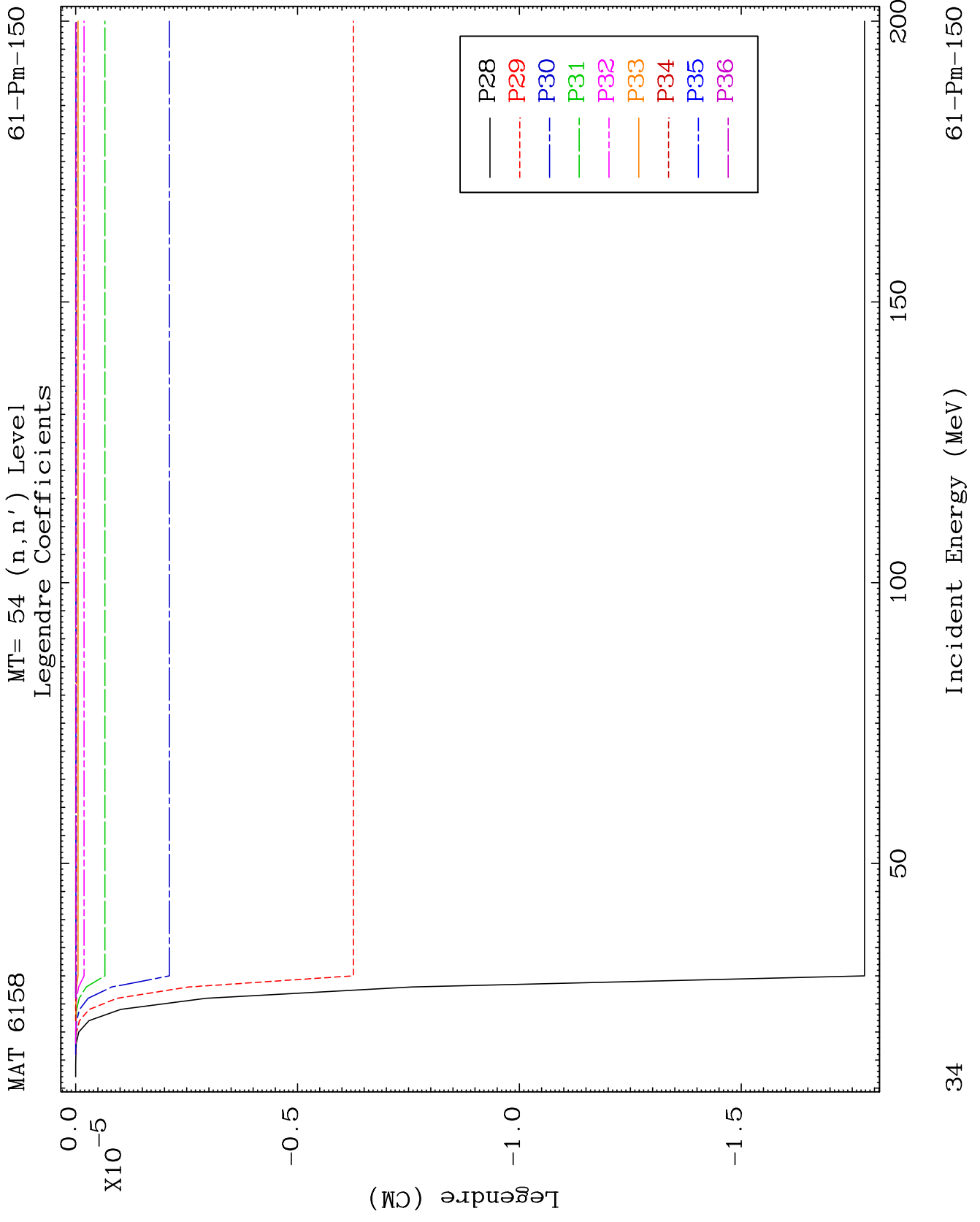
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Legendre Coefficients

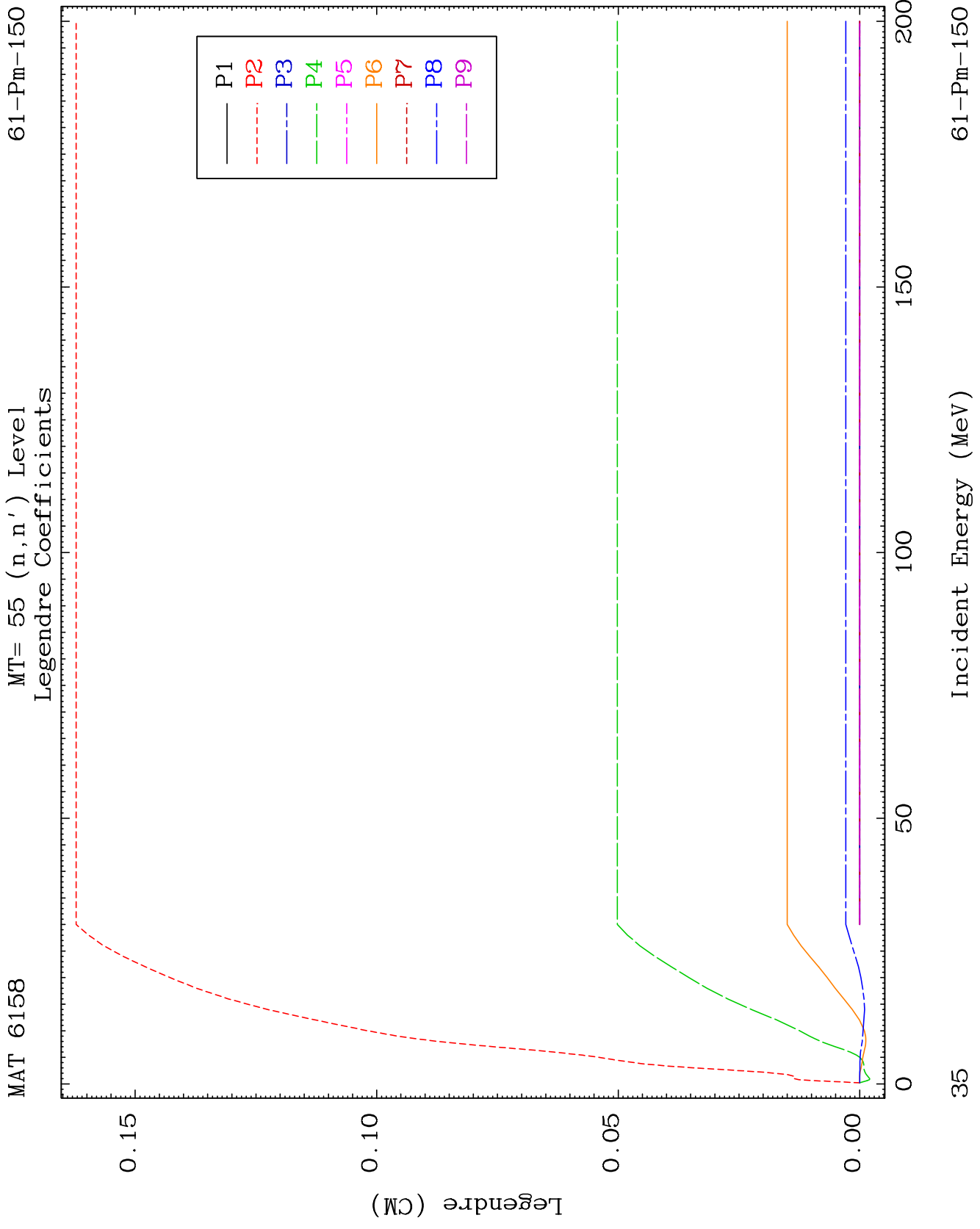
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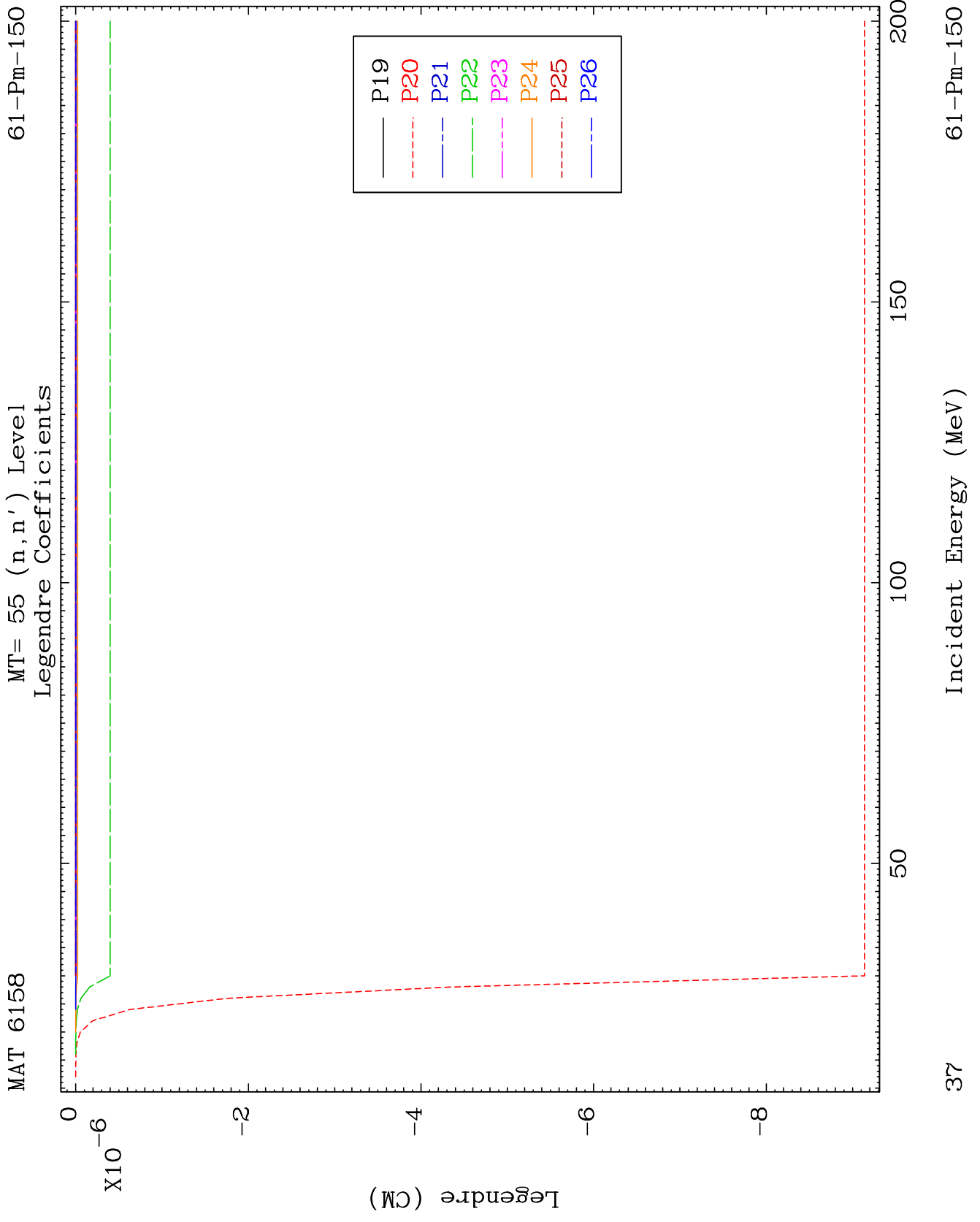
33

61-Pm-150





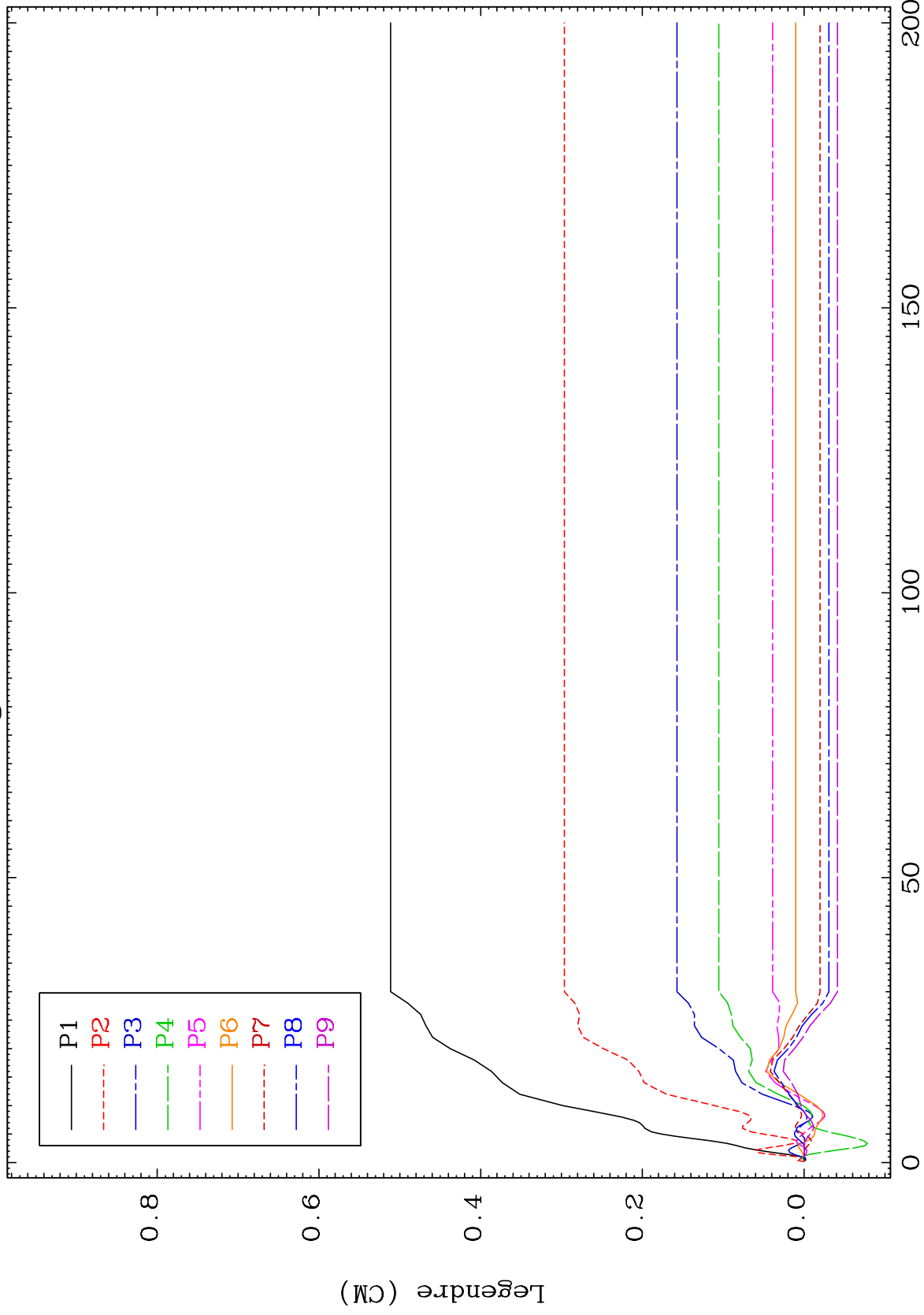




MAT 6158

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

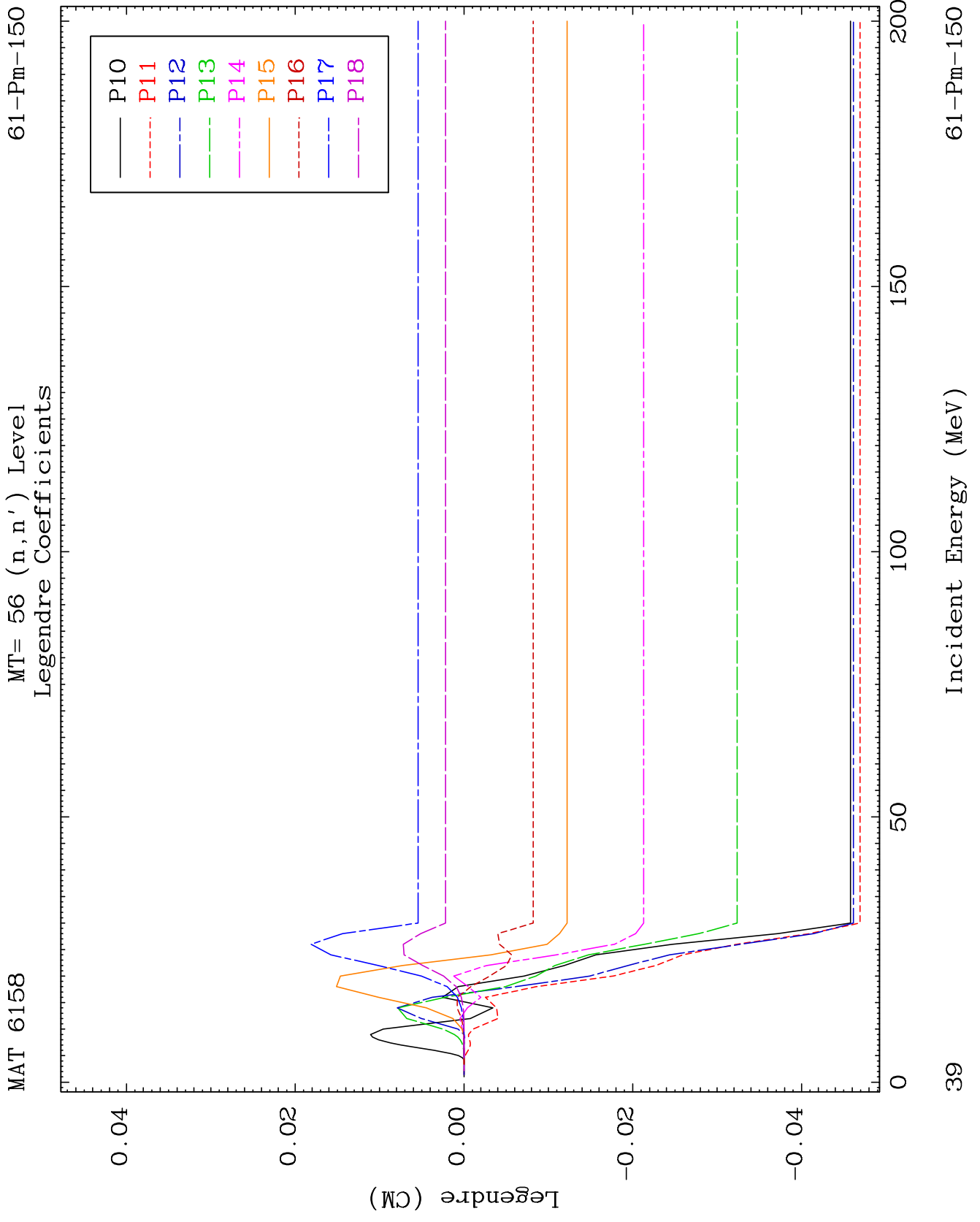
61-Pm-150



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Incident Energy (MeV)

61-Pm-150

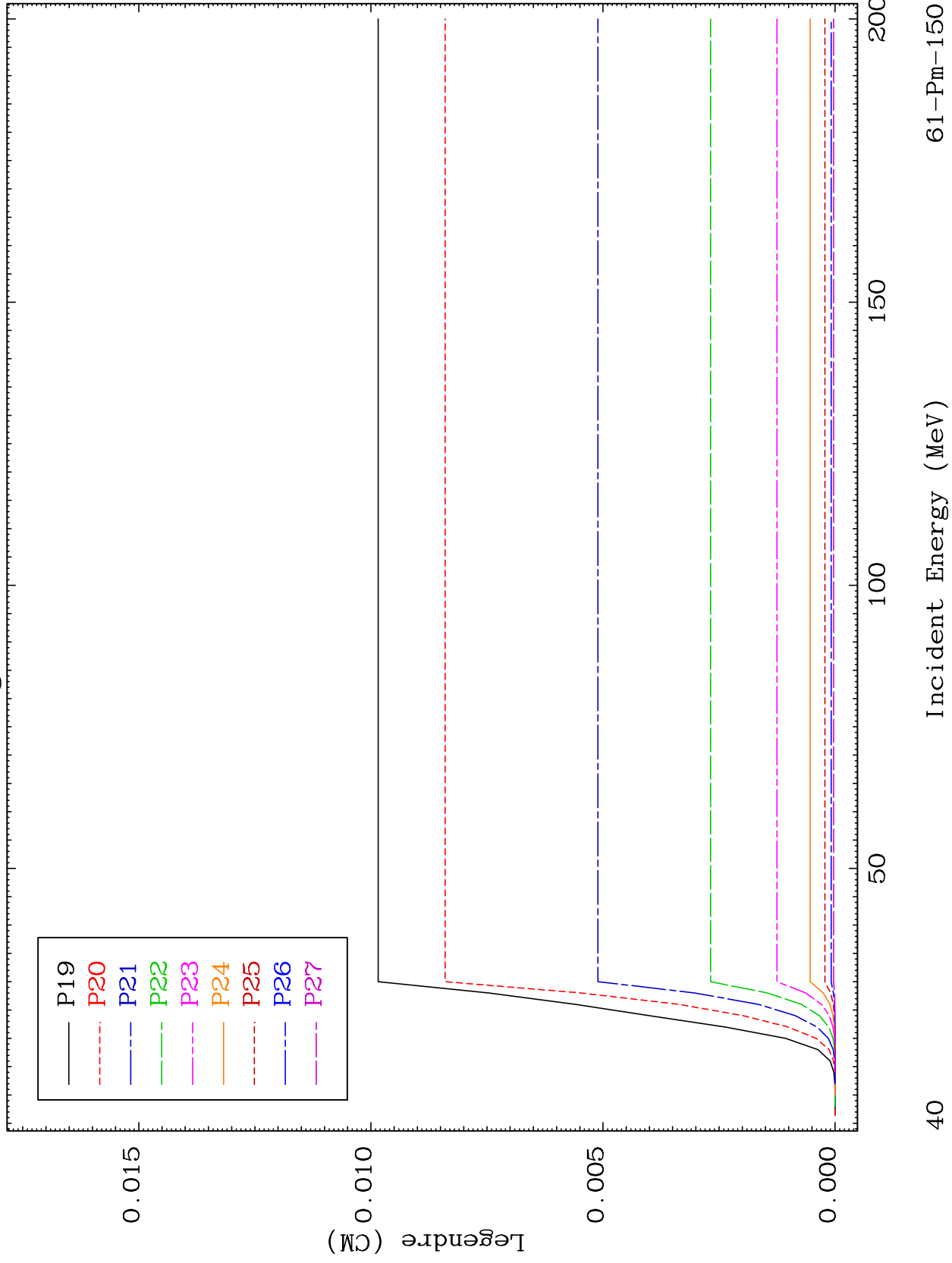




MAT 6158

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

61-Pm-150



61-Pm-150

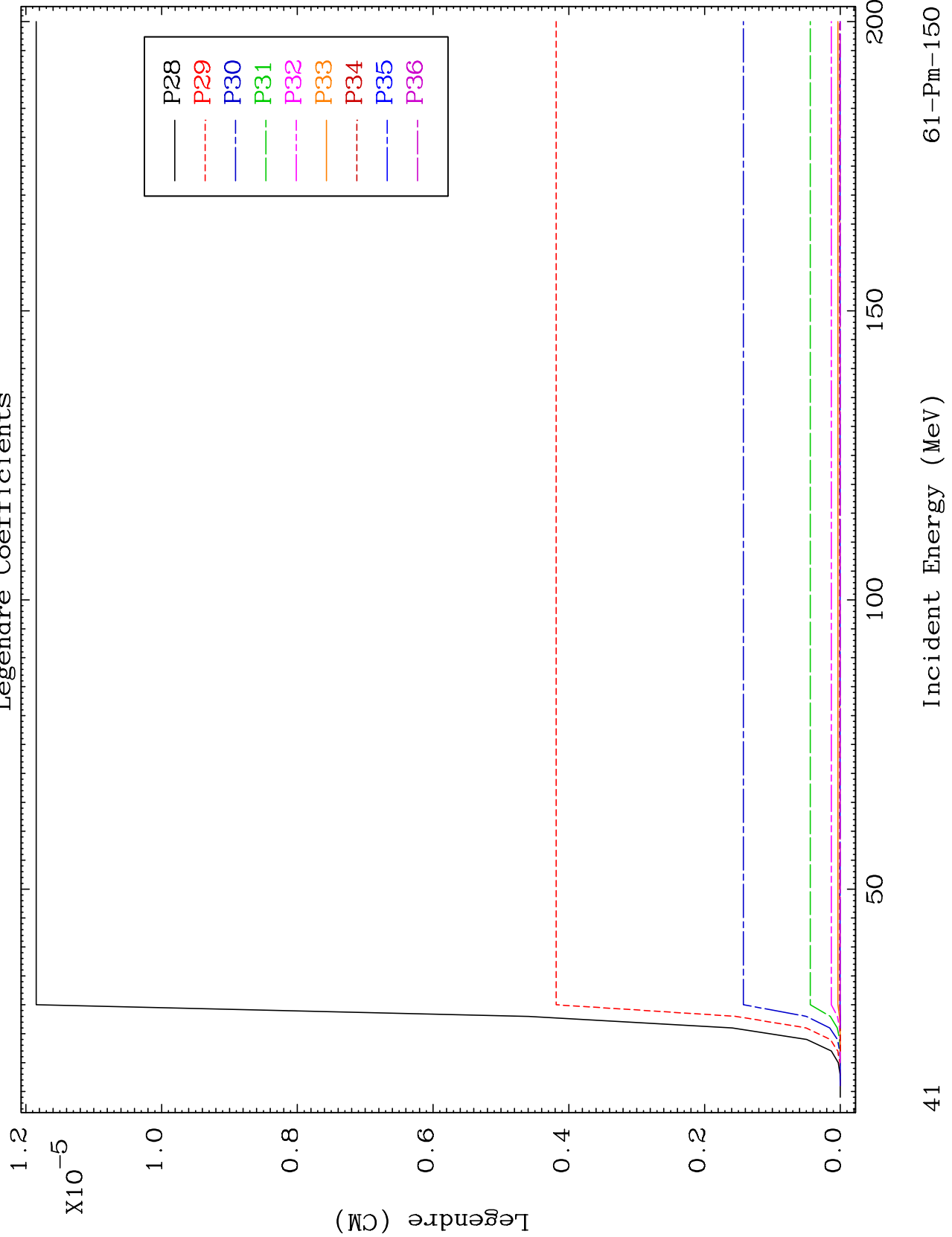
Incident Energy (MeV)

40

MAT 6158

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

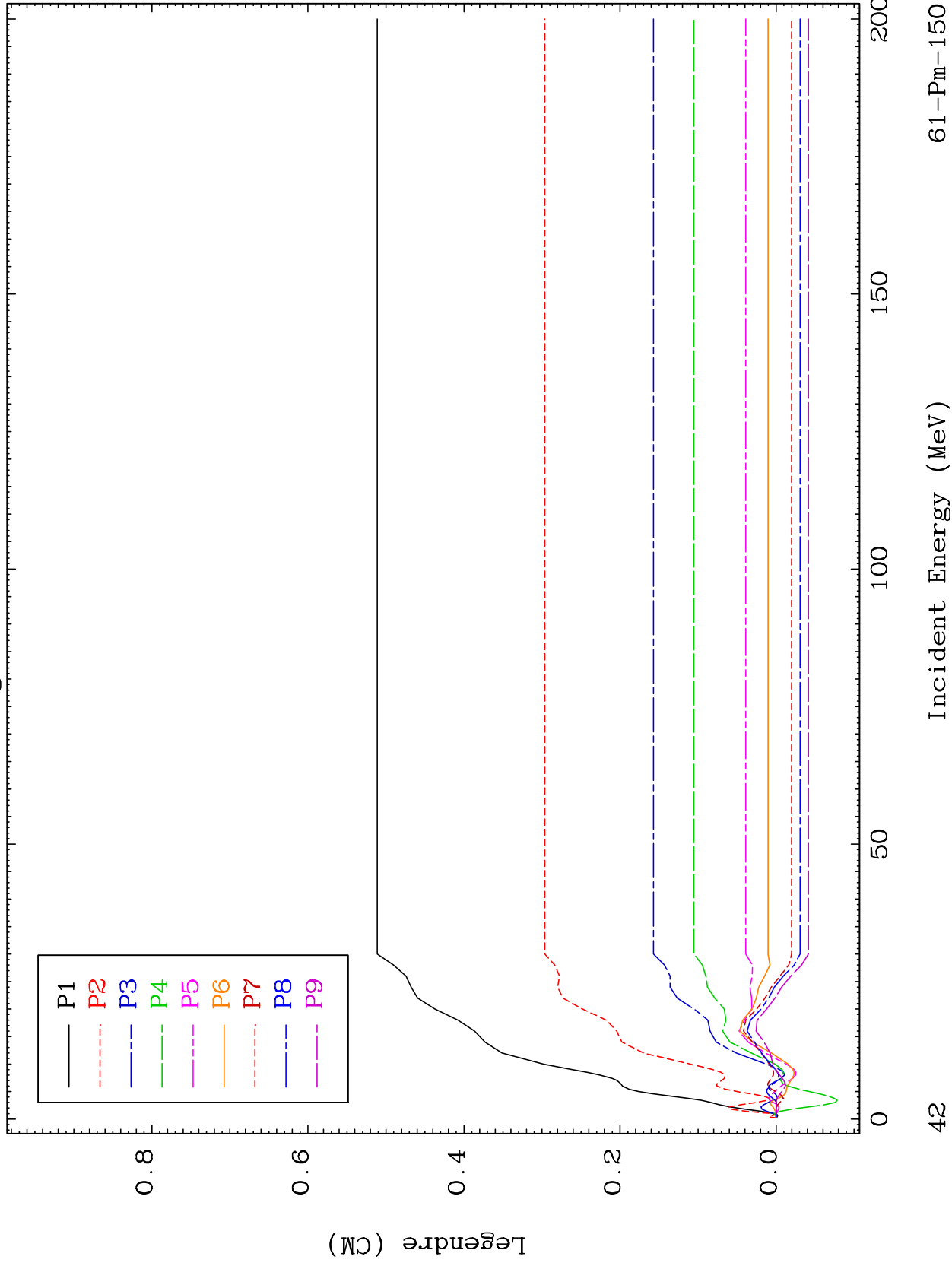
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MAT 6158

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

61-Pm-150



42

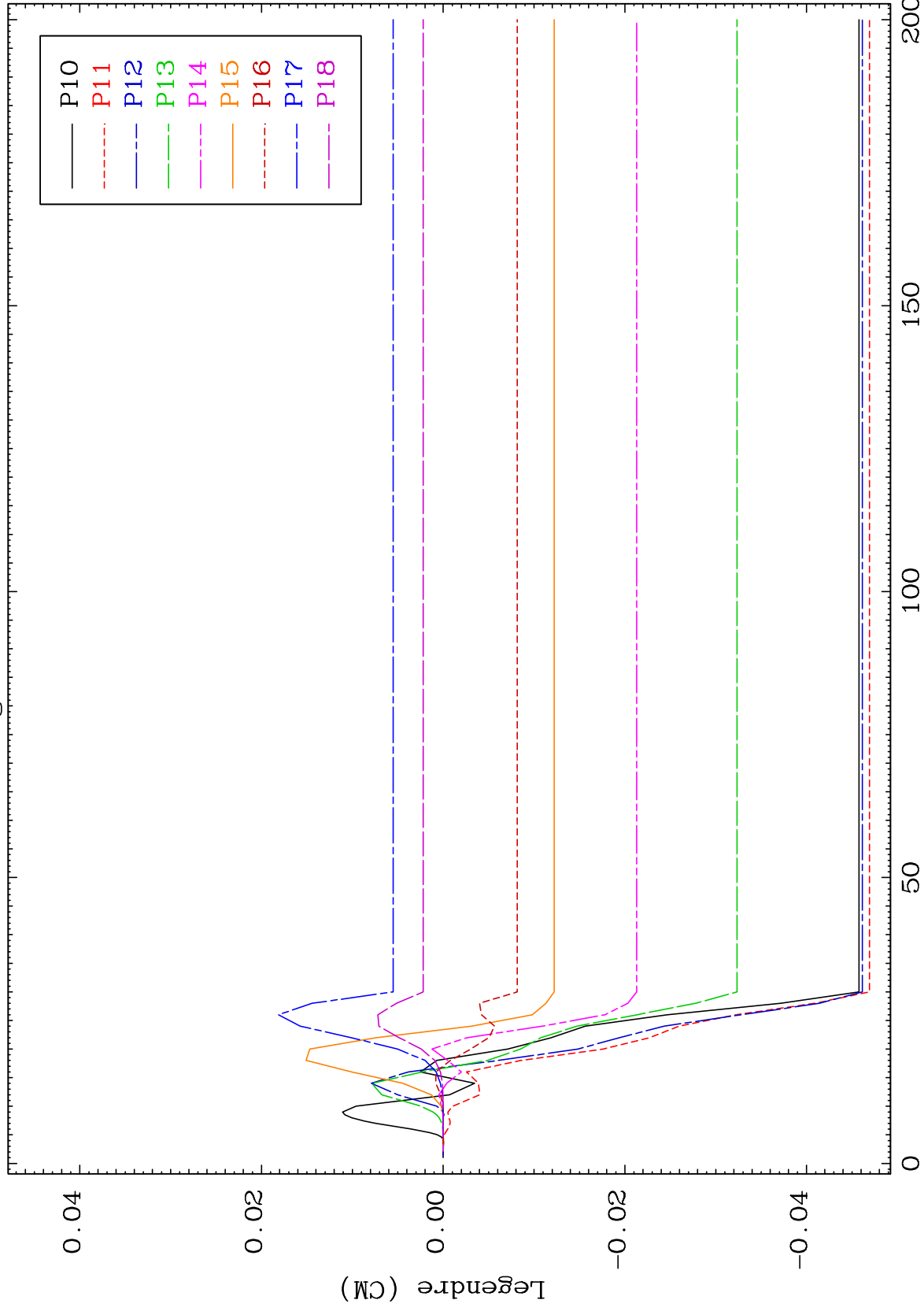
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



43

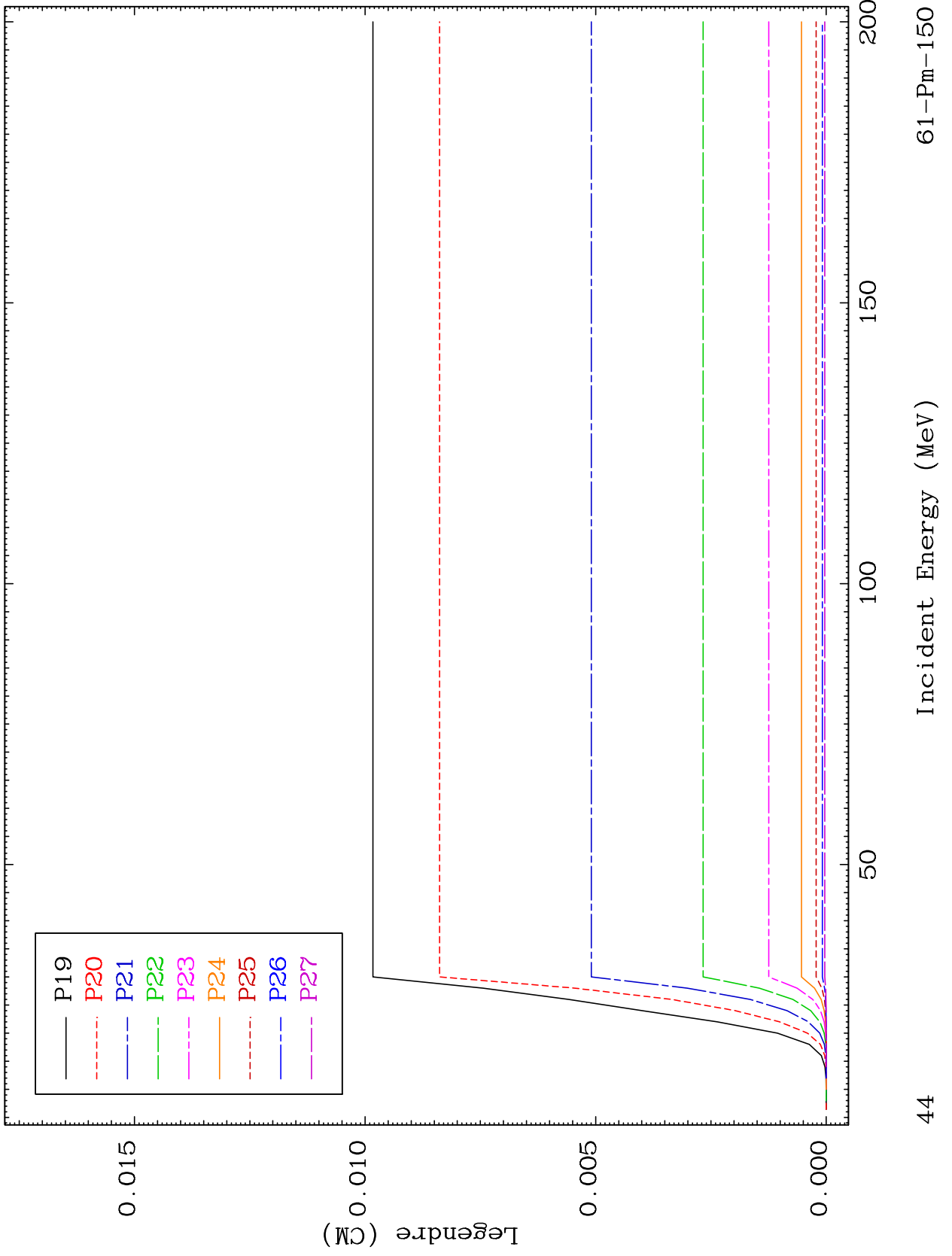
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



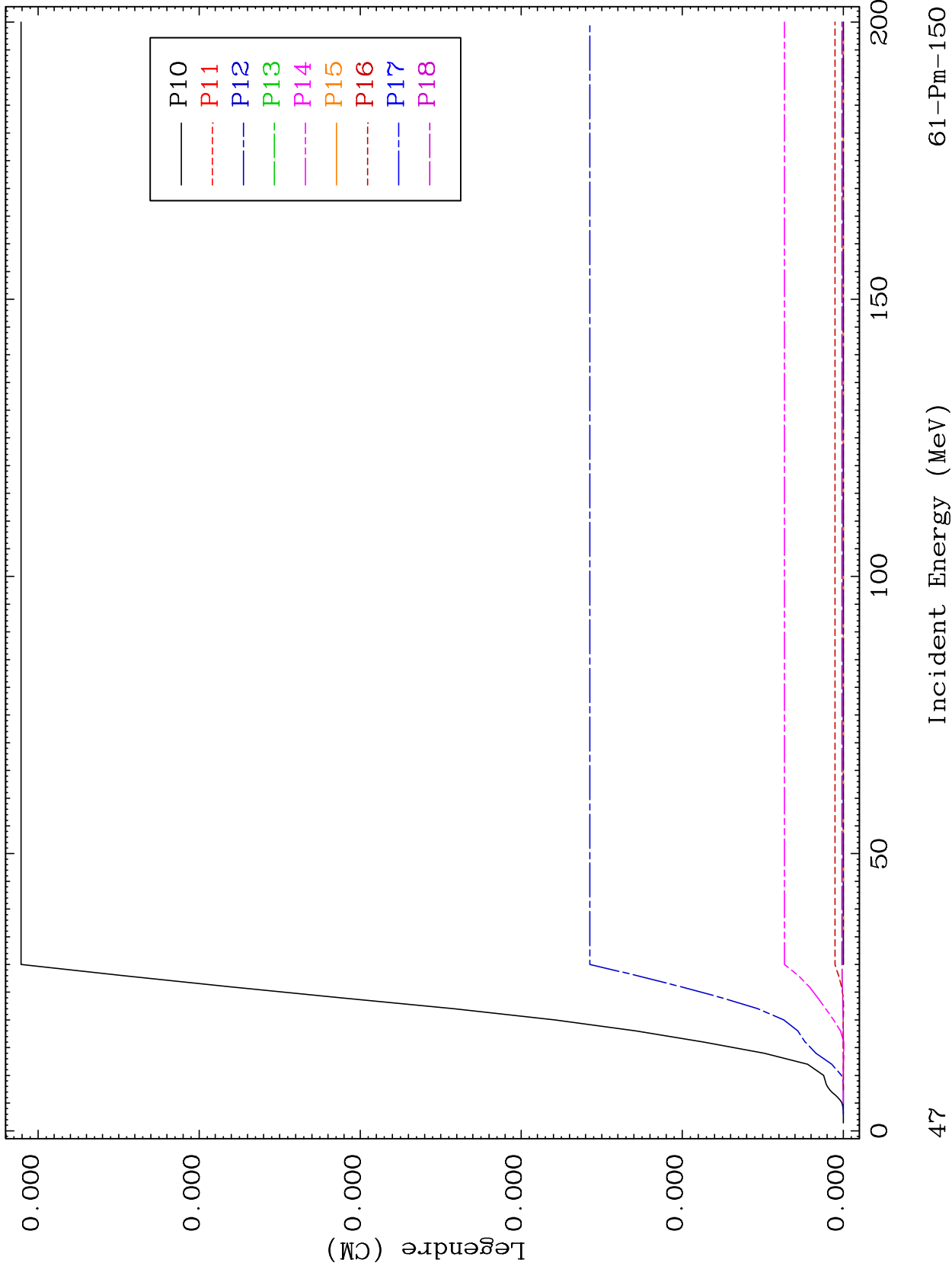




MAT 6158

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

61-Pm-150

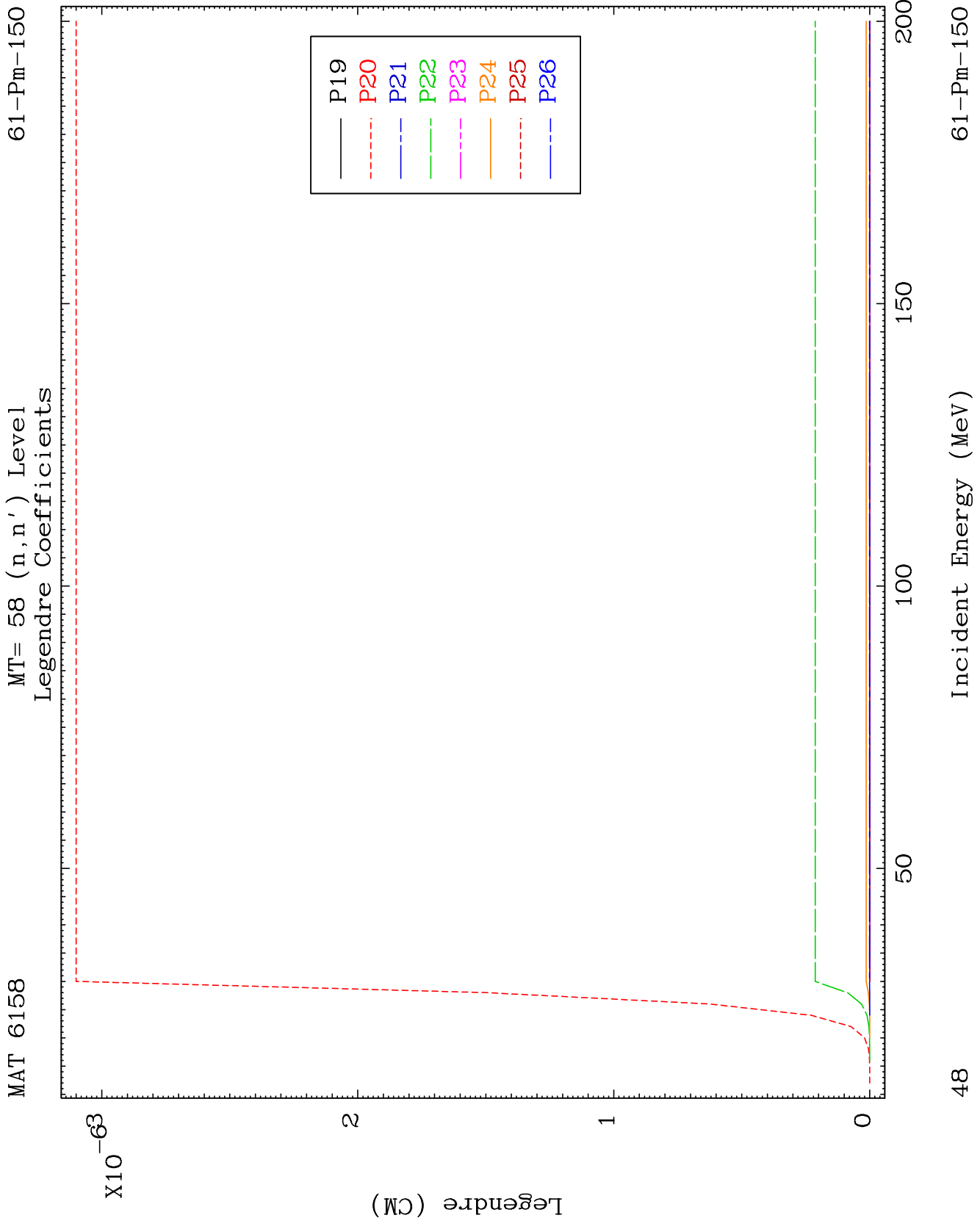


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Incident Energy (MeV)

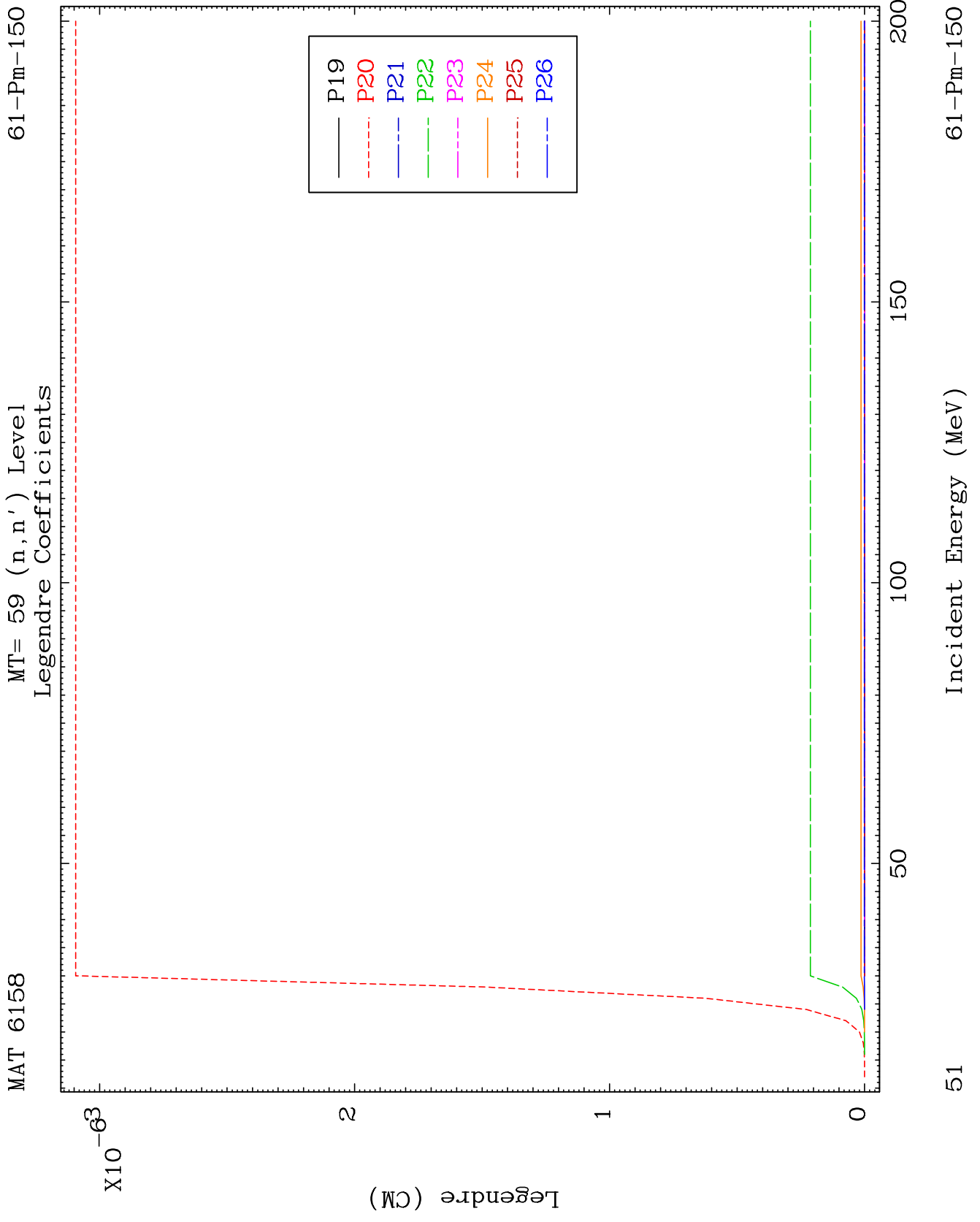
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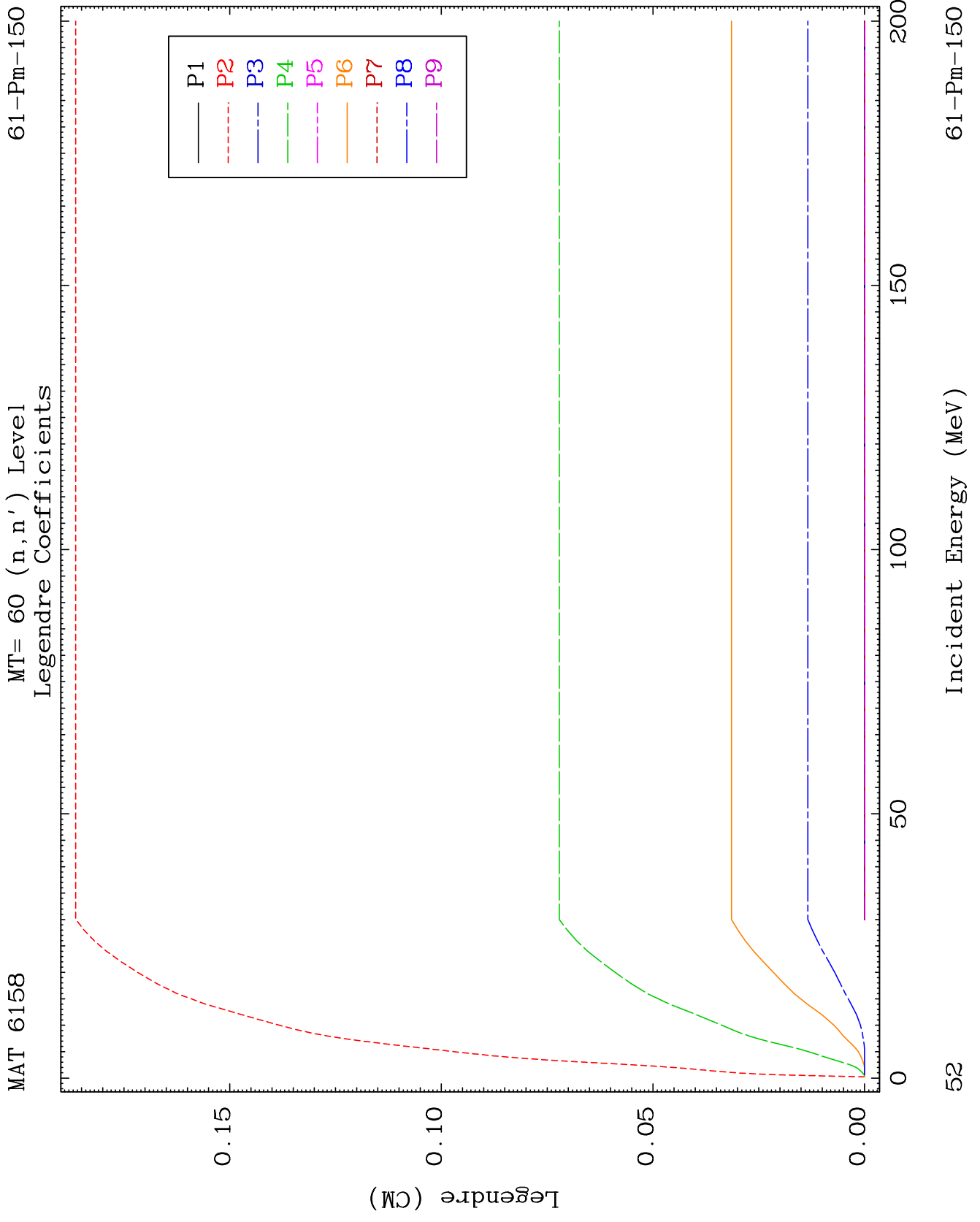








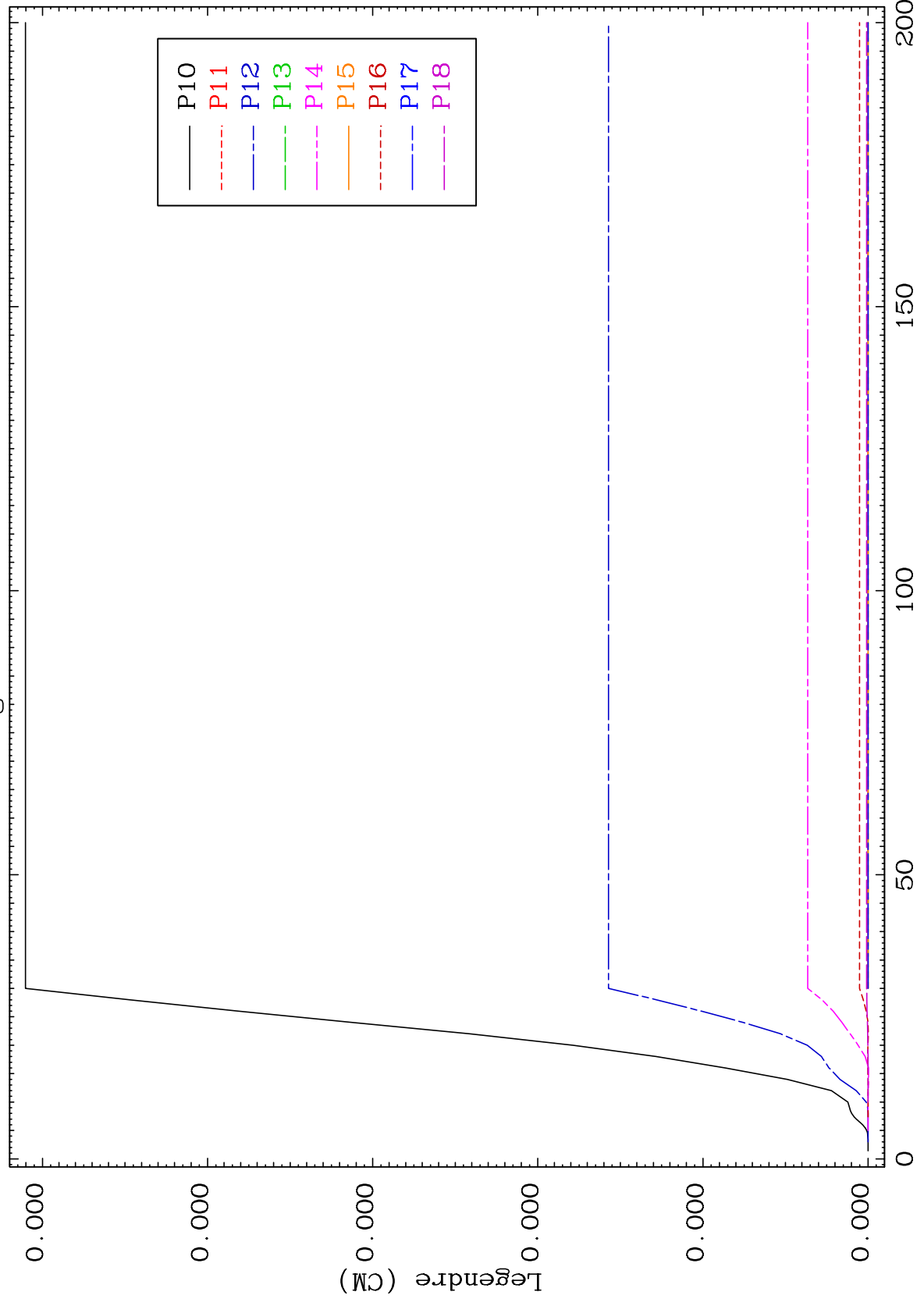




MAT 6158

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

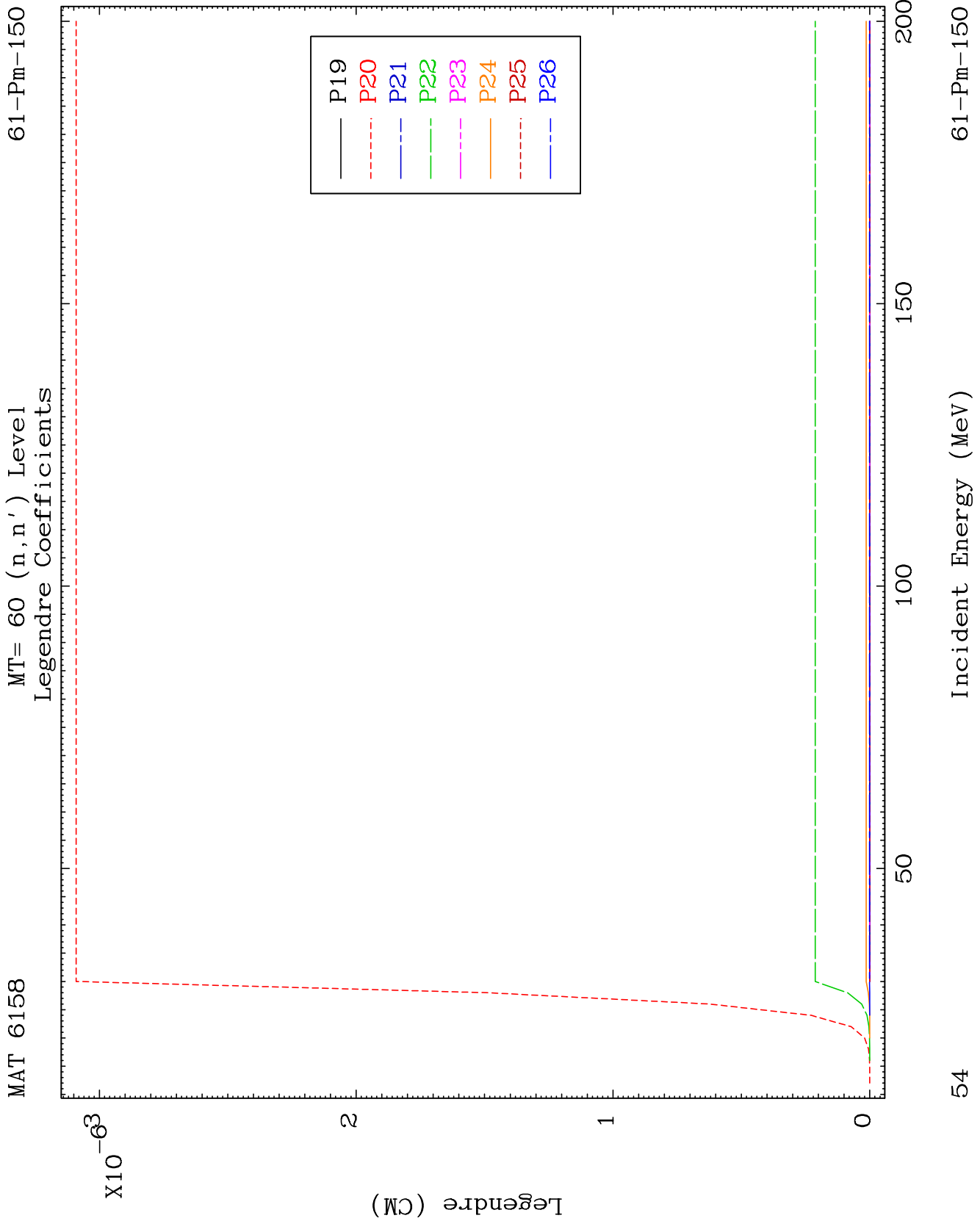
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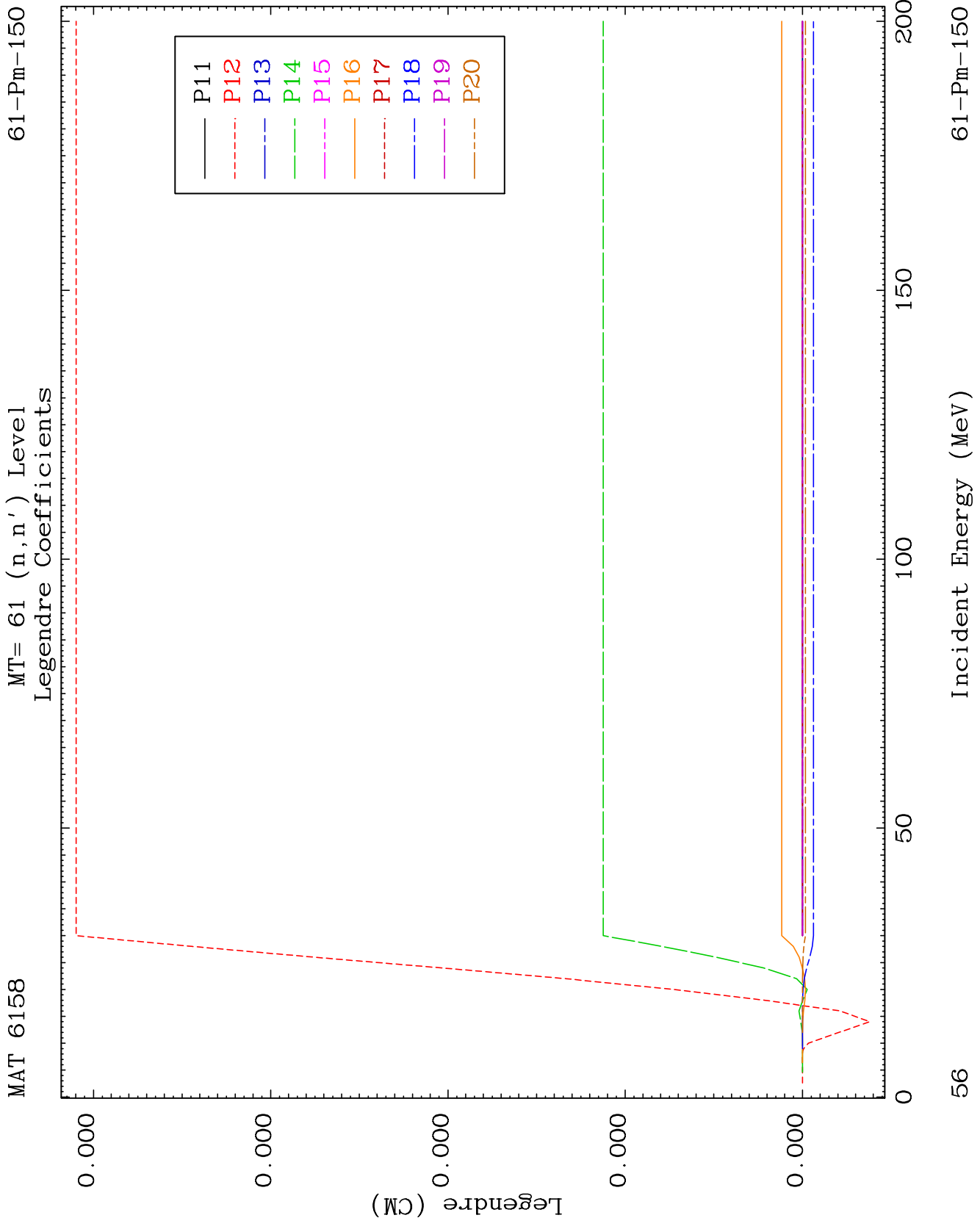
Incident Energy (MeV)

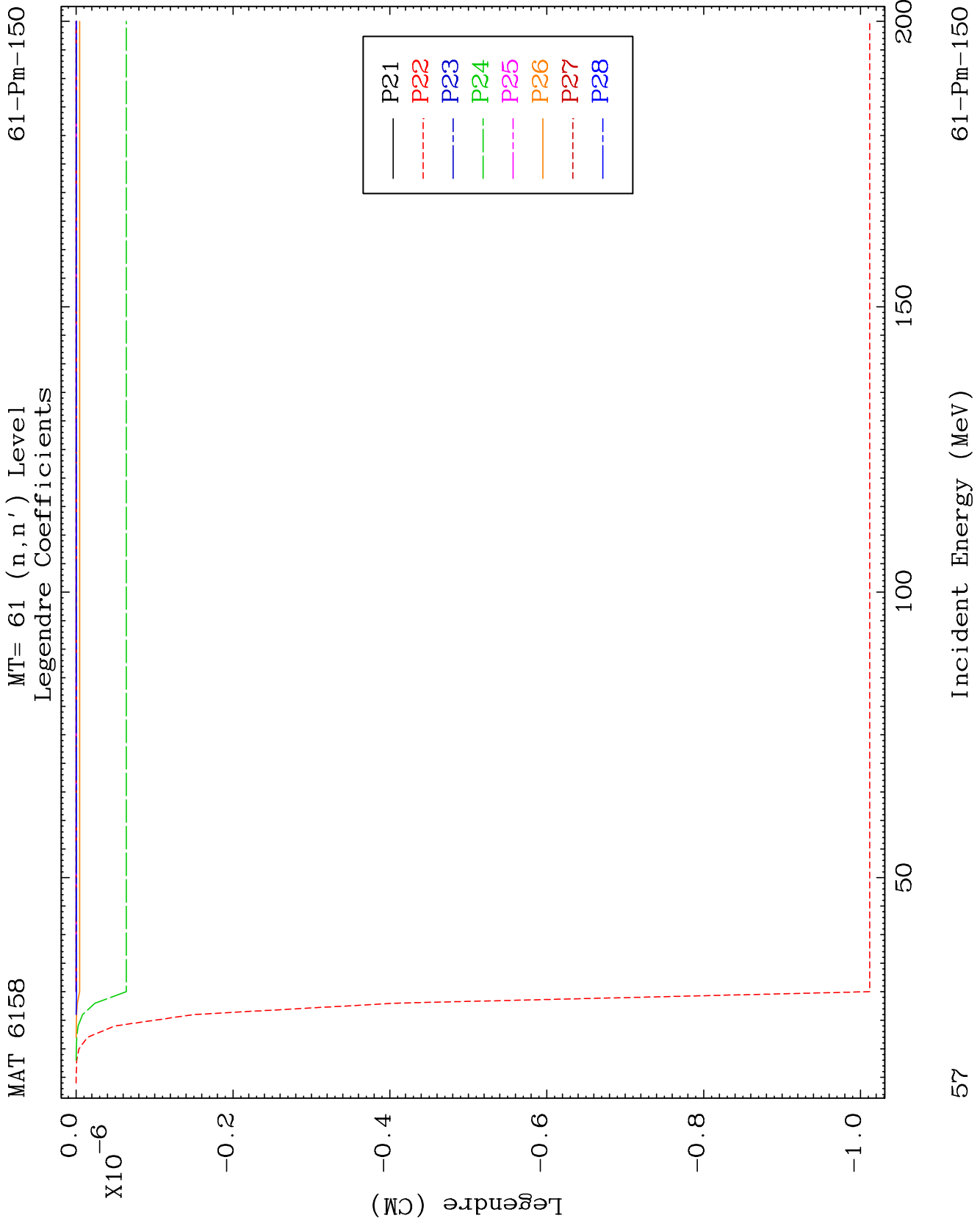
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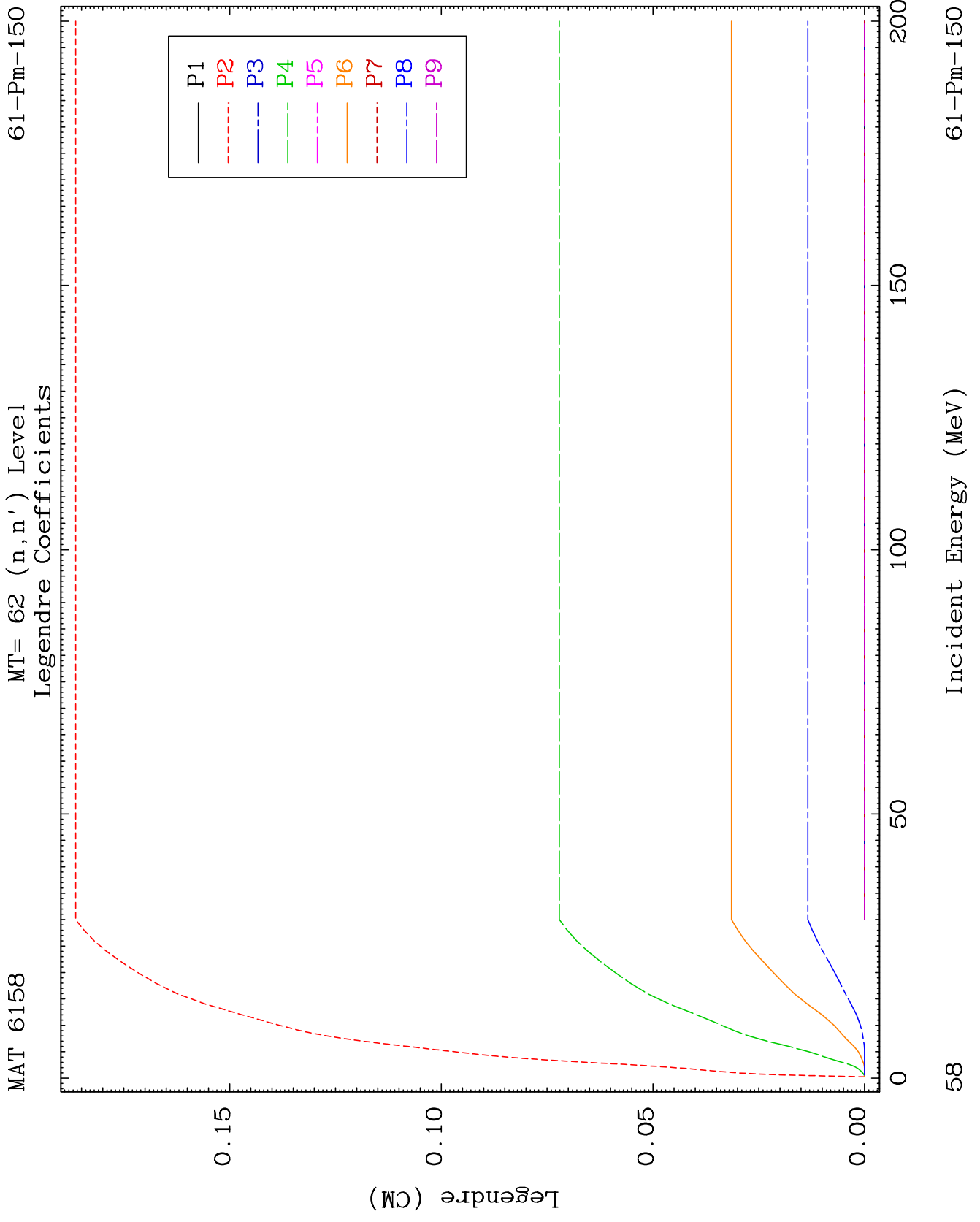








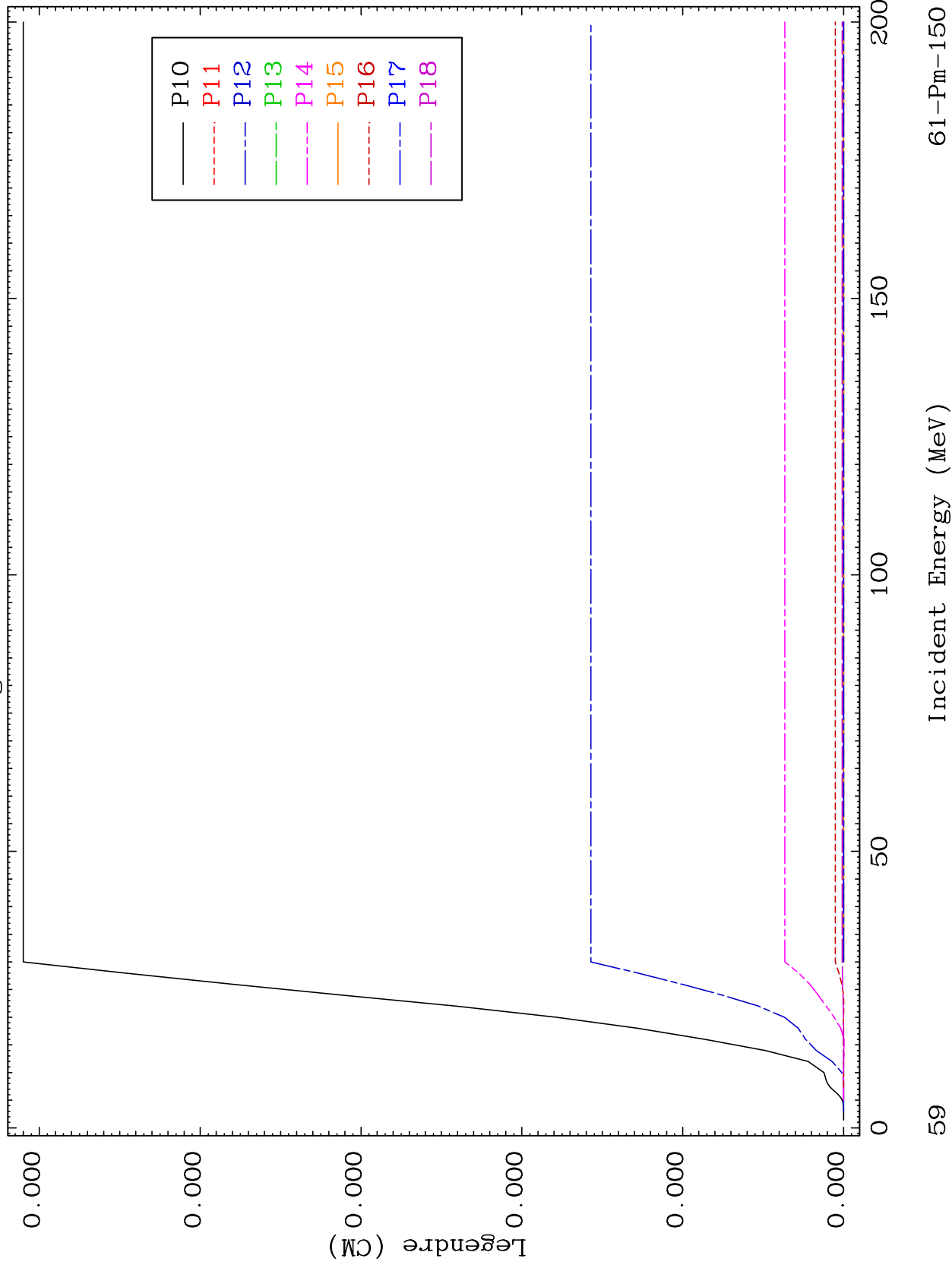




MAT 6158

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

61-Pm-150

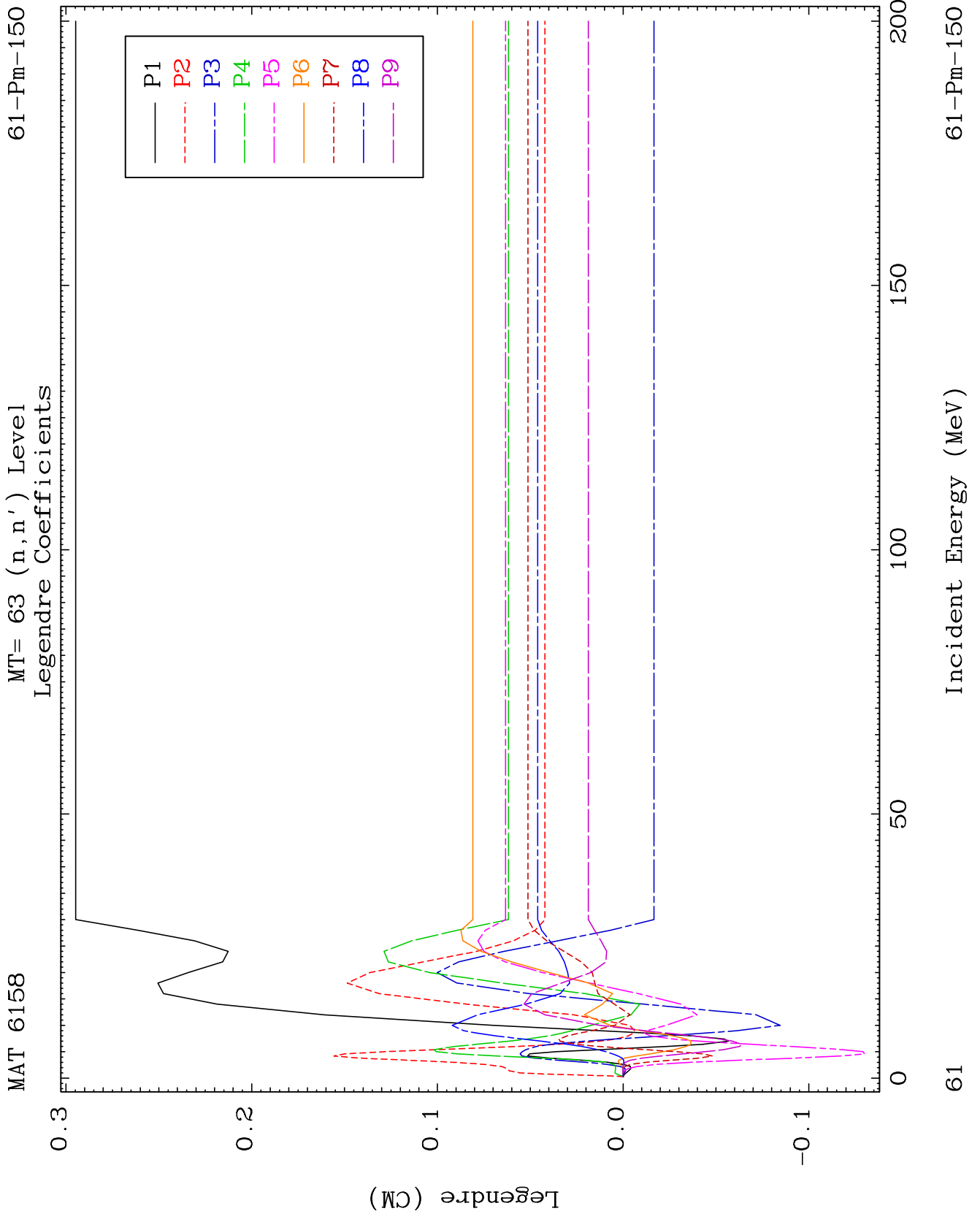


59

Incident Energy (MeV)

61-Pm-150



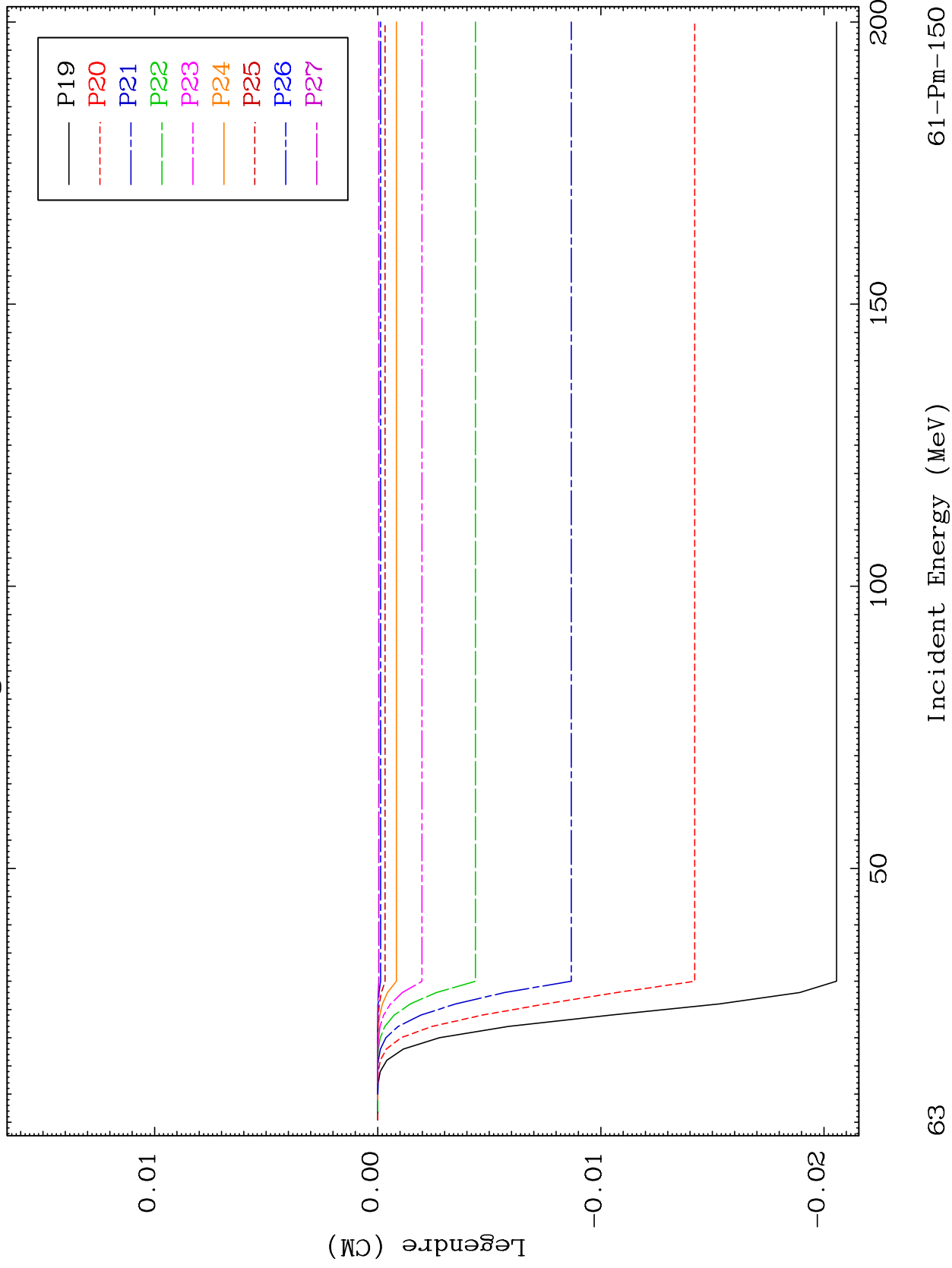




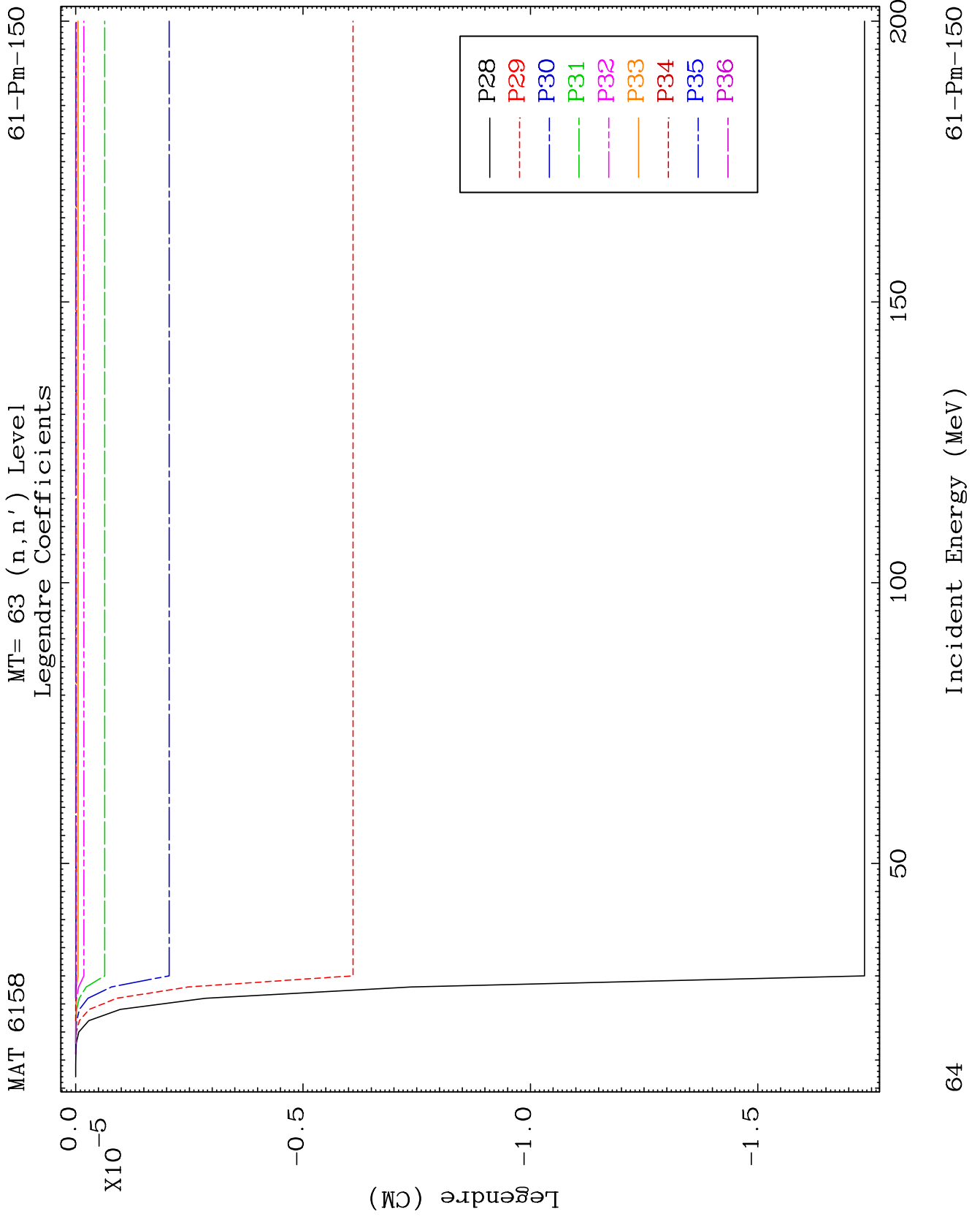
MAT 6158

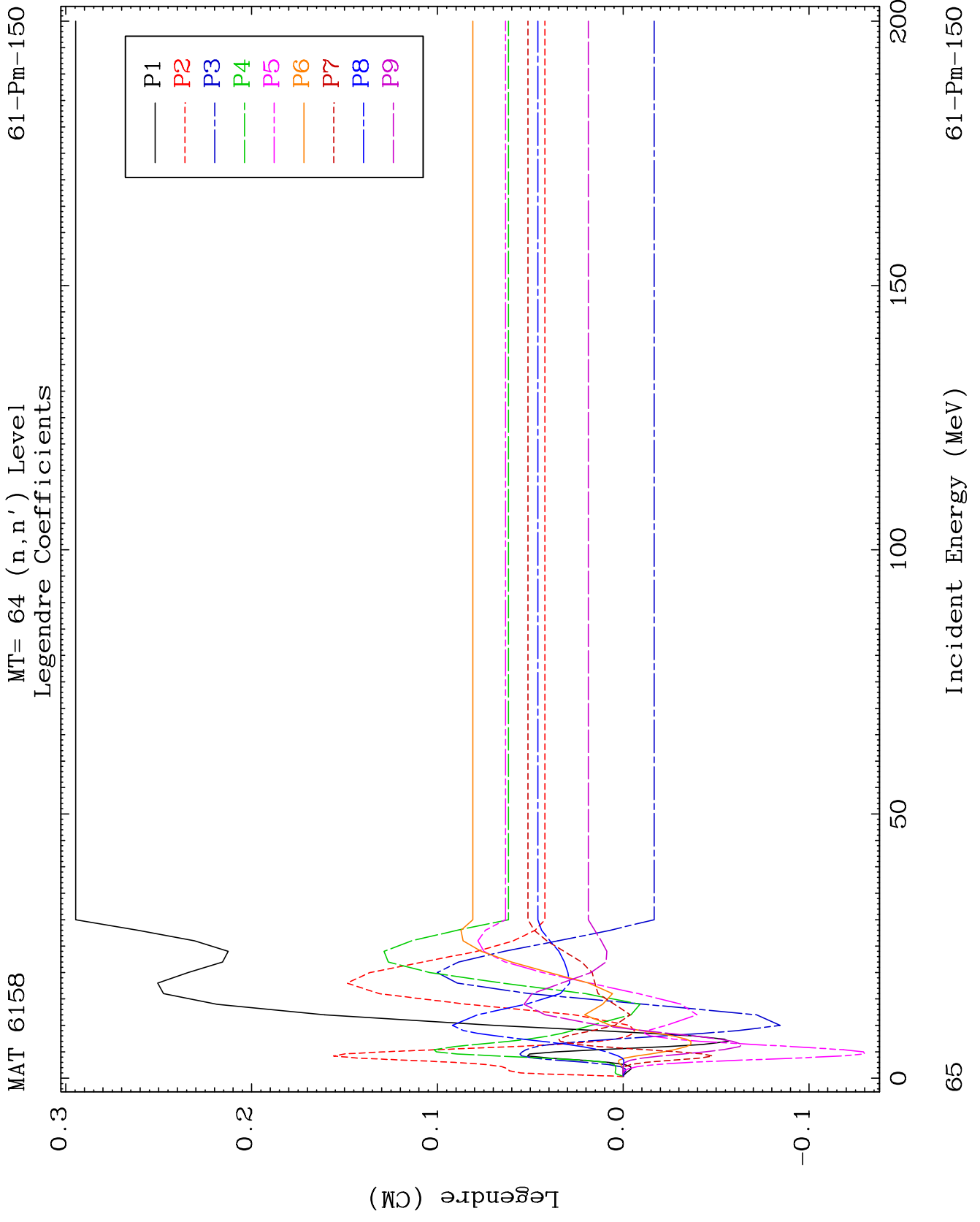
MT= 63 (n,n') Level  
Legendre Coefficients

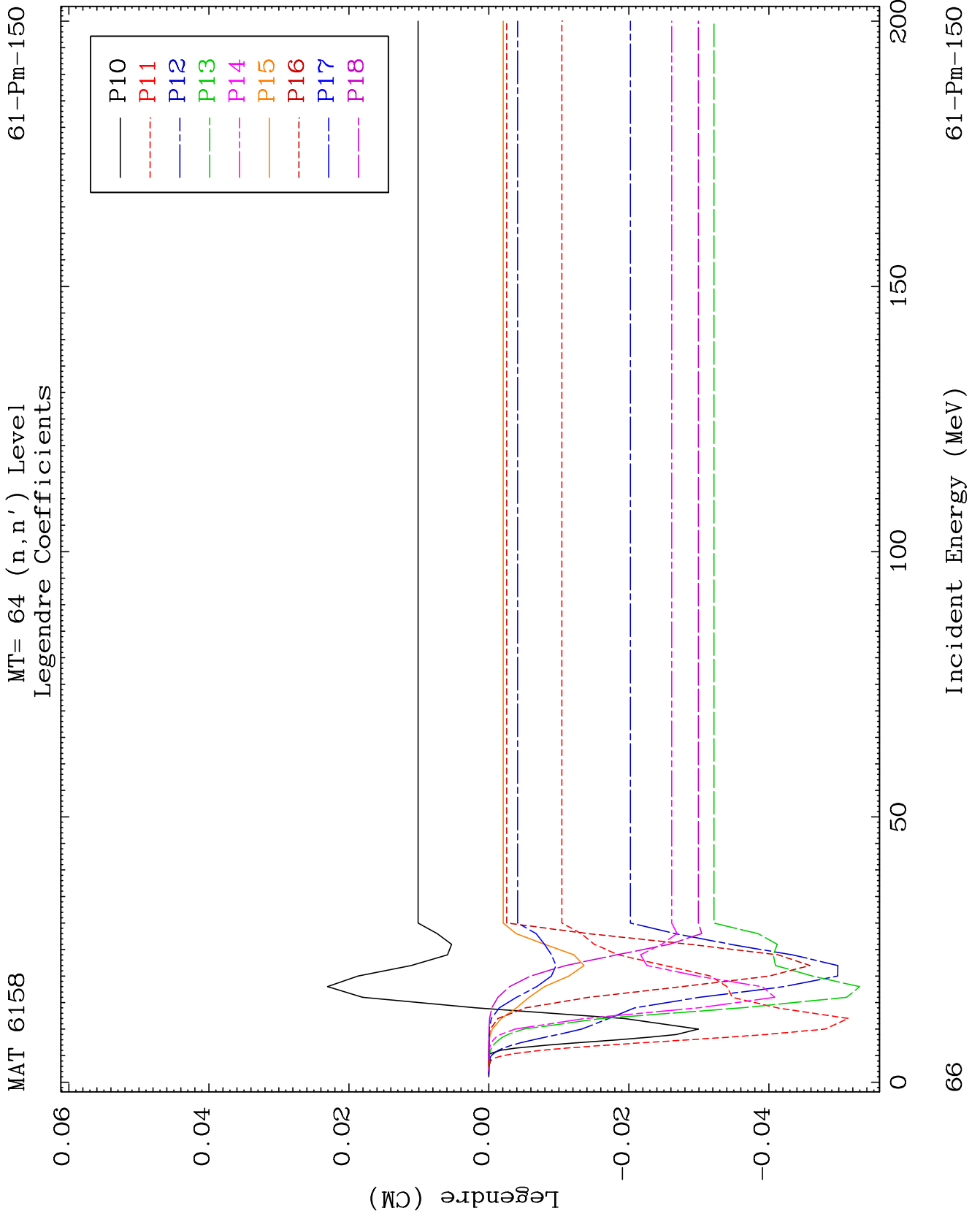
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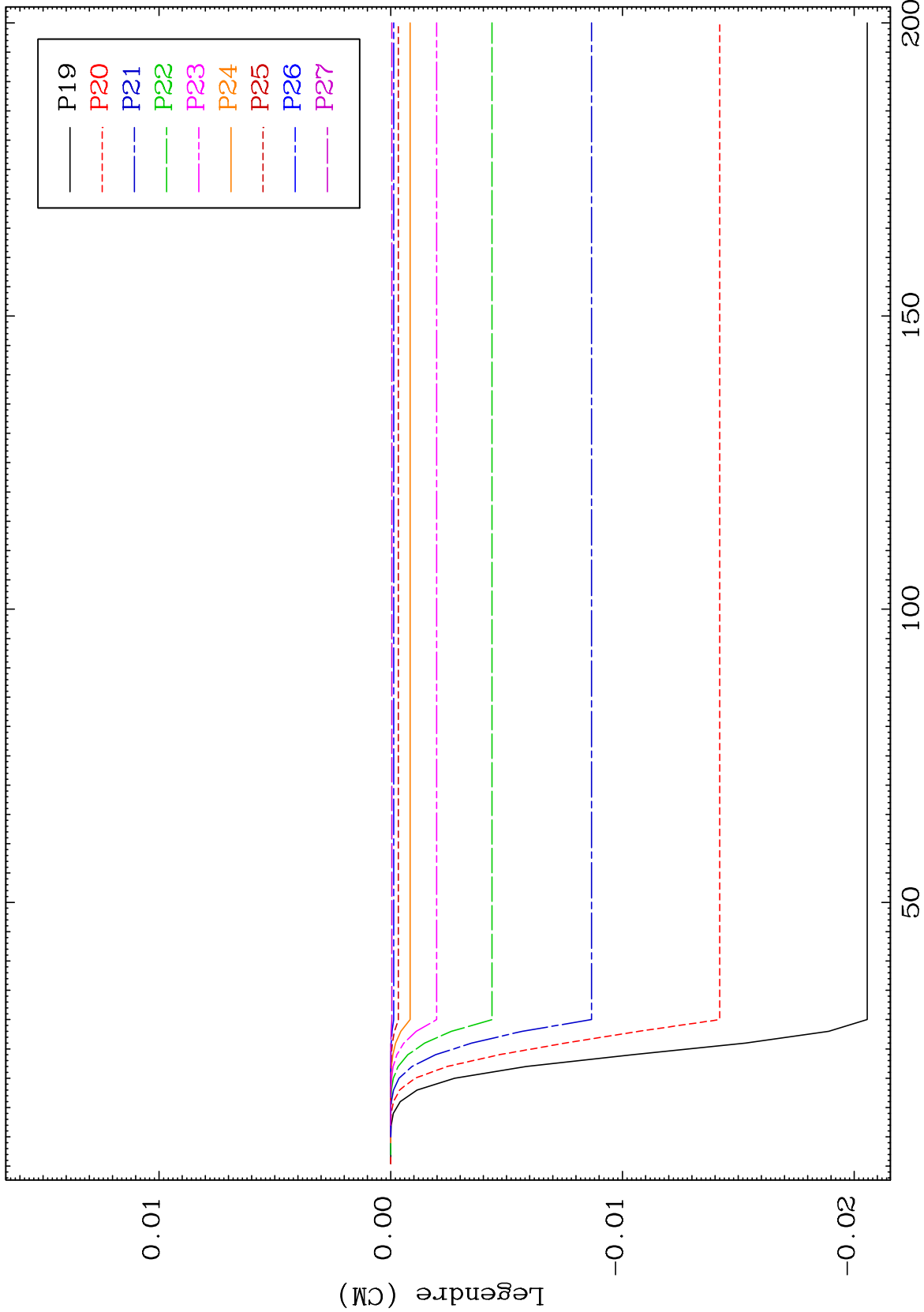




MAT 6158

MT= 64 (n,n') Level  
Legendre Coefficients

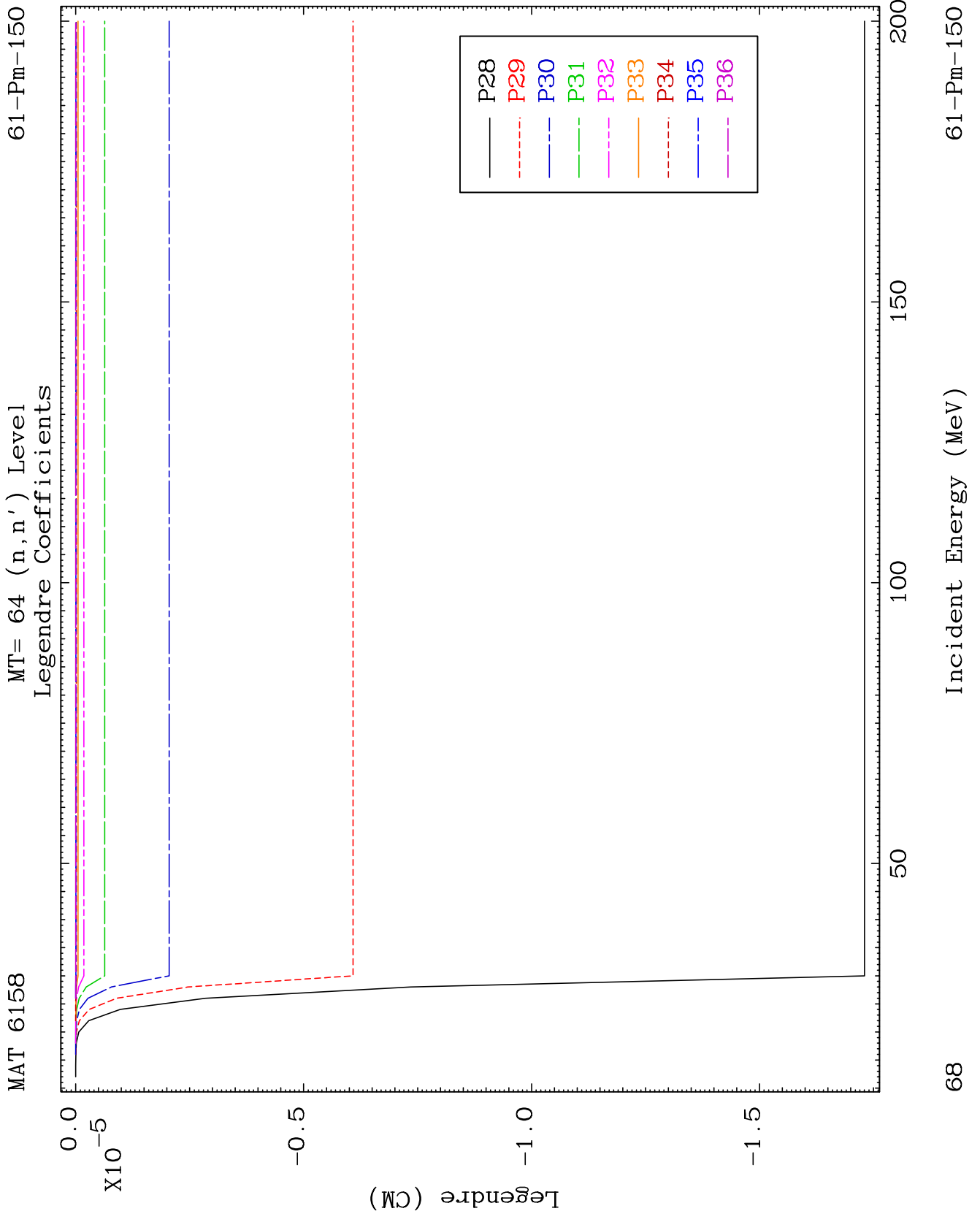
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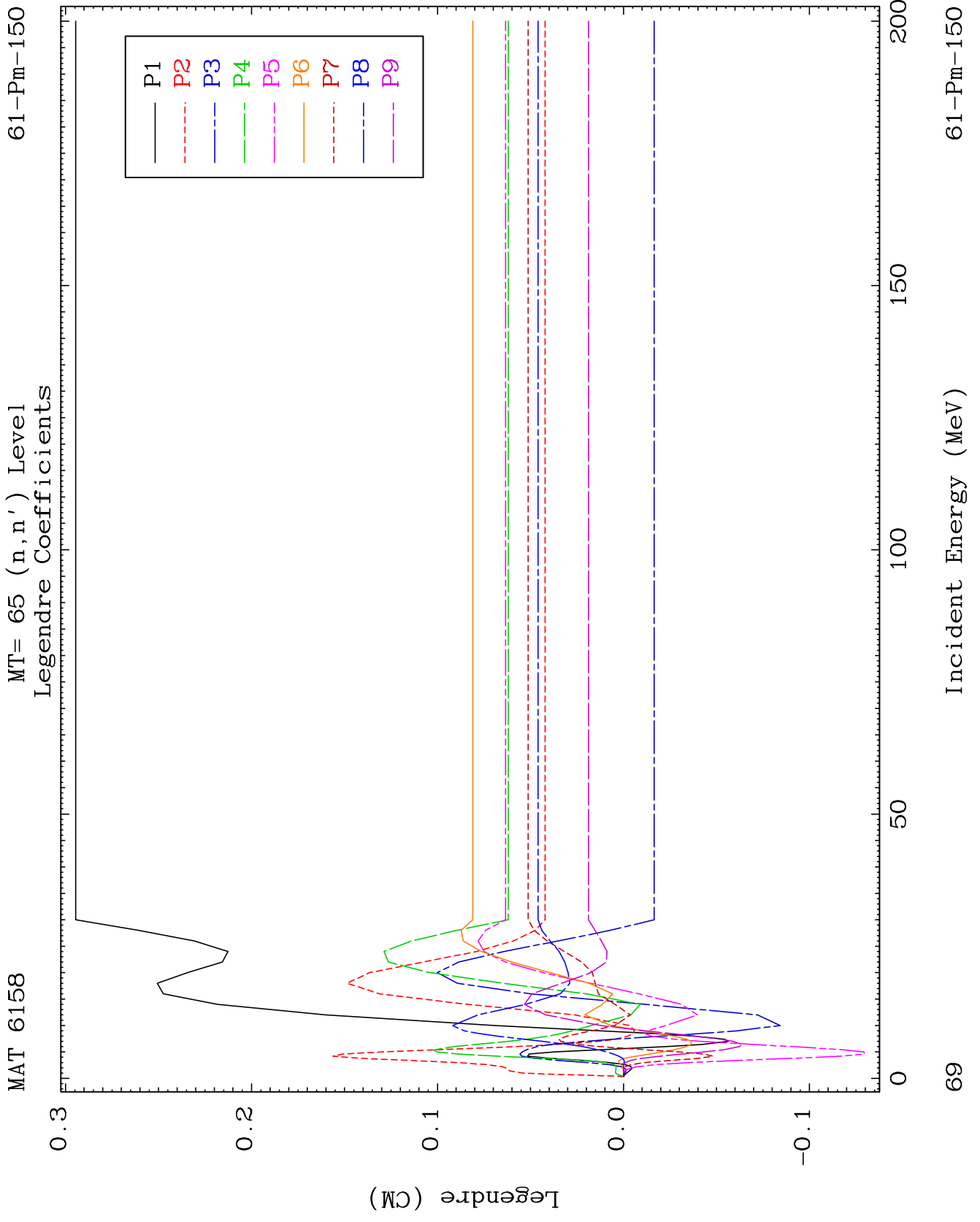


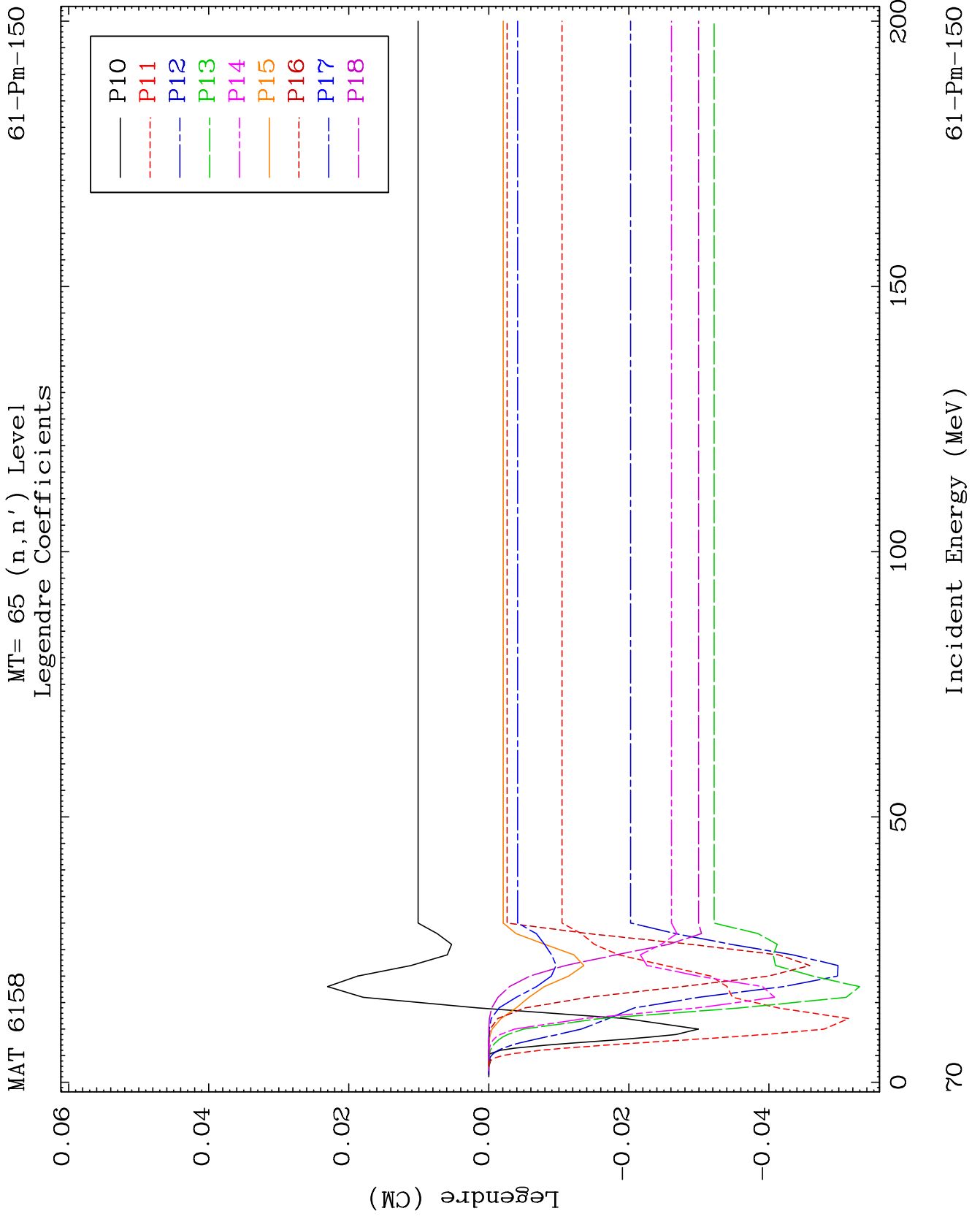
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Incident Energy (MeV)

61-Pm-150



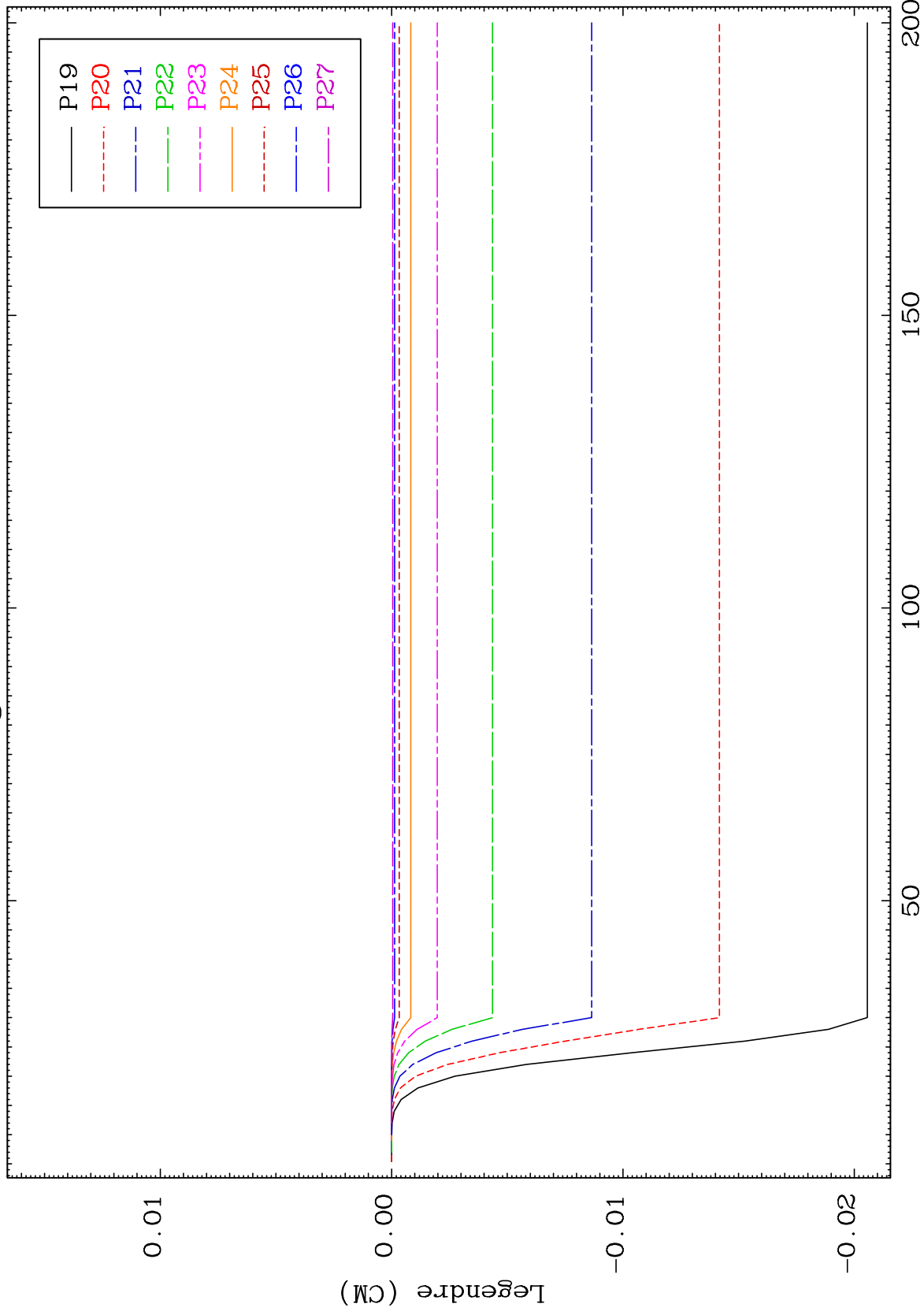




MAT 6158

MT= 65 (n,n') Level  
Legendre Coefficients

61-Pm-150



71

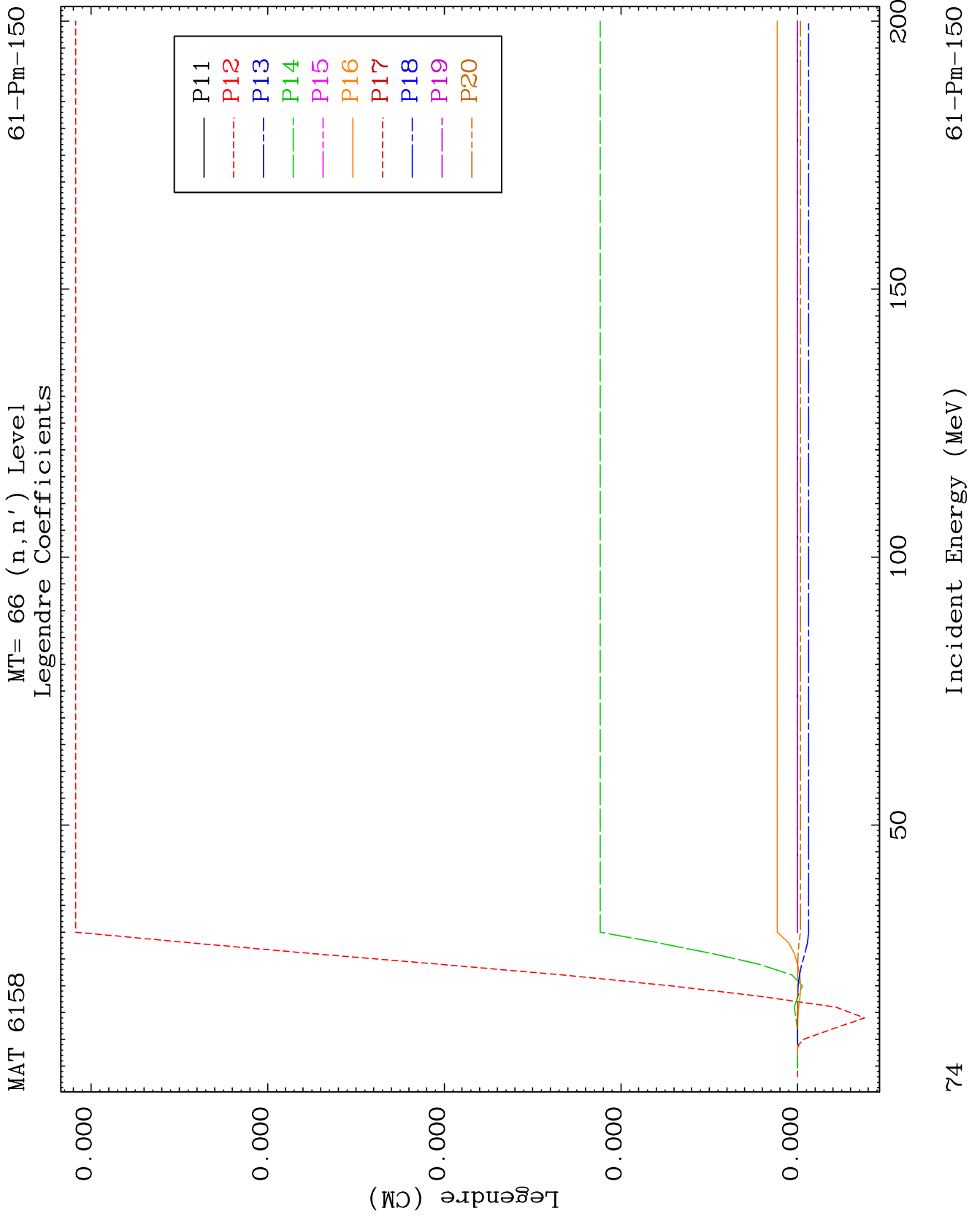
Incident Energy (MeV)

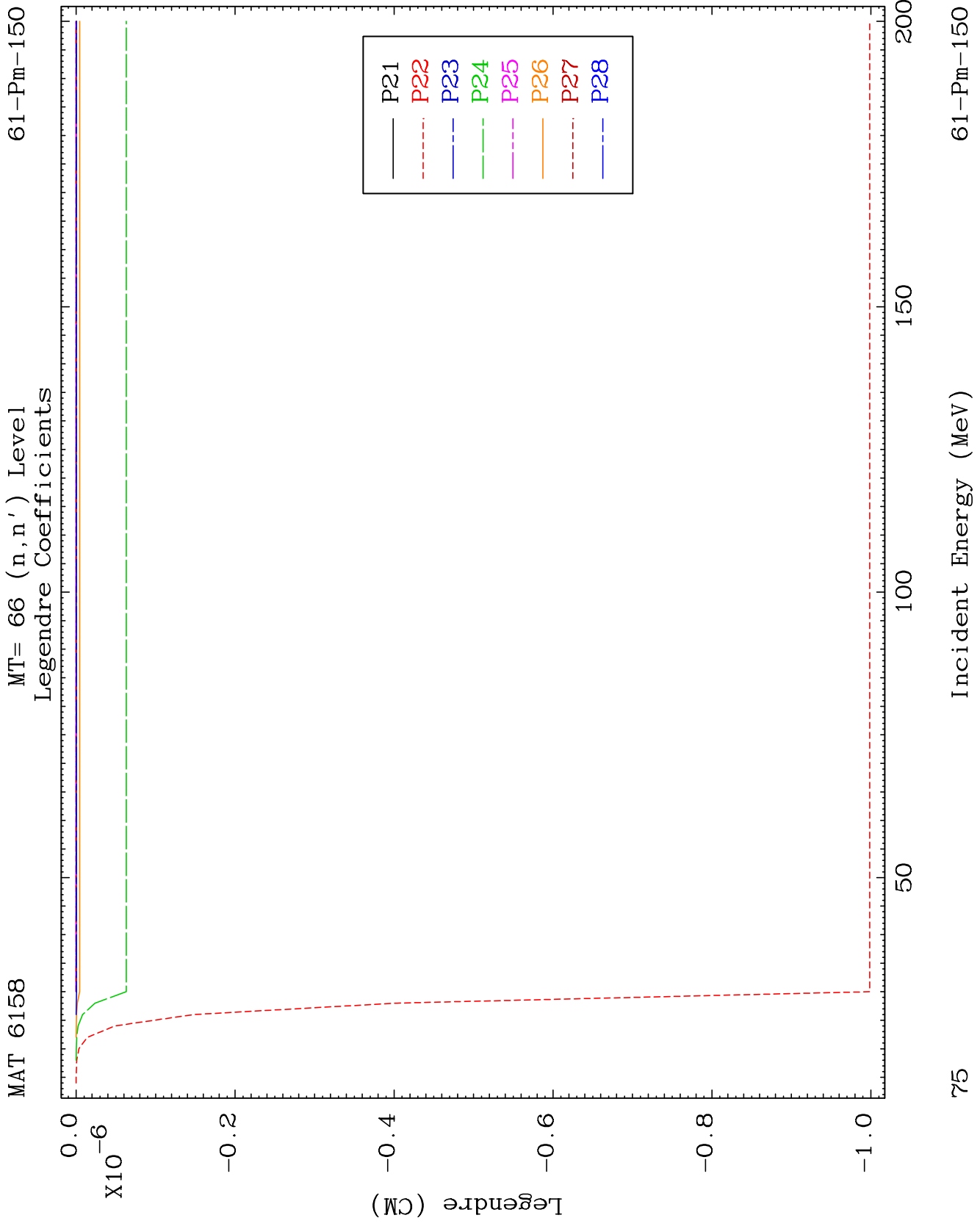
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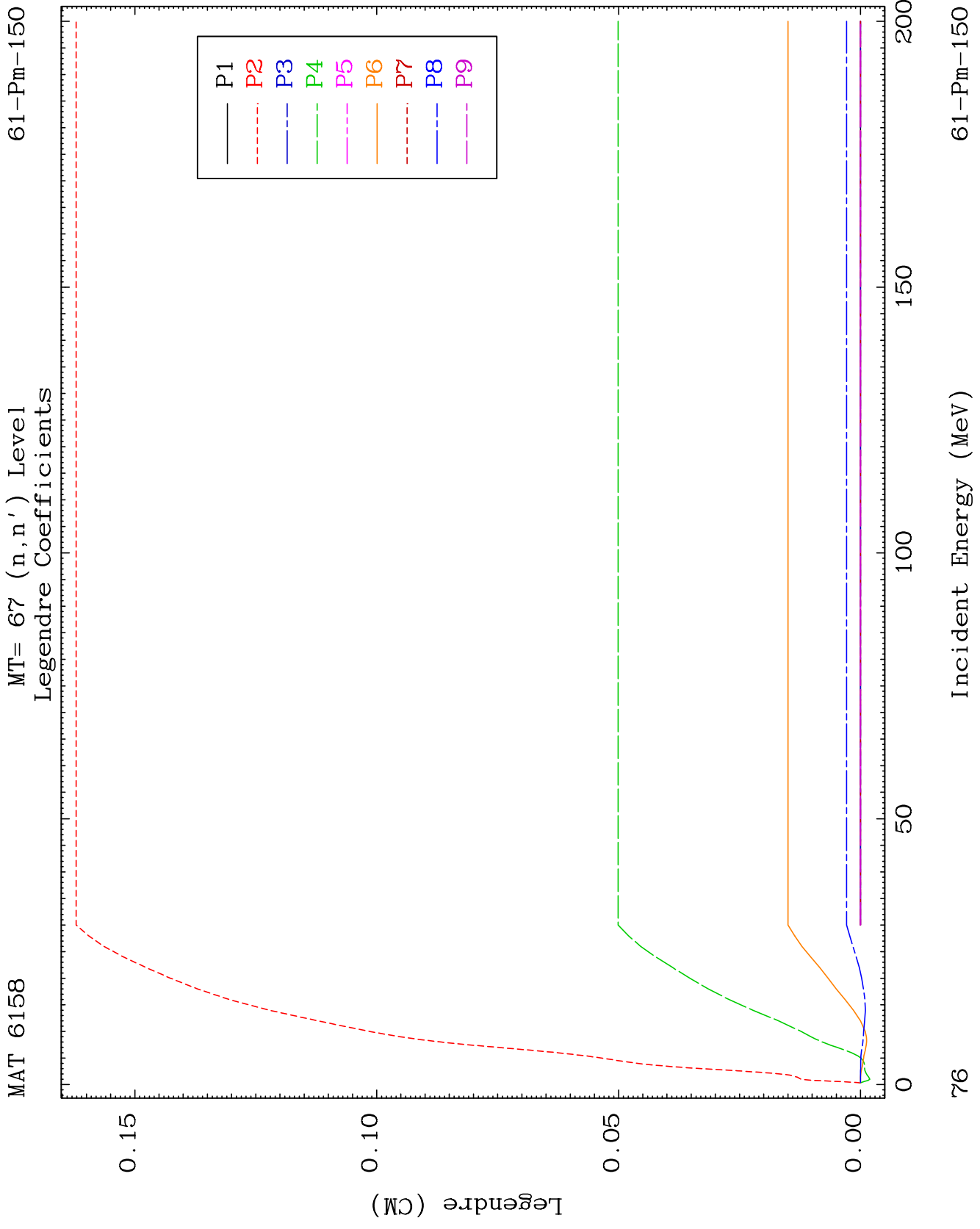








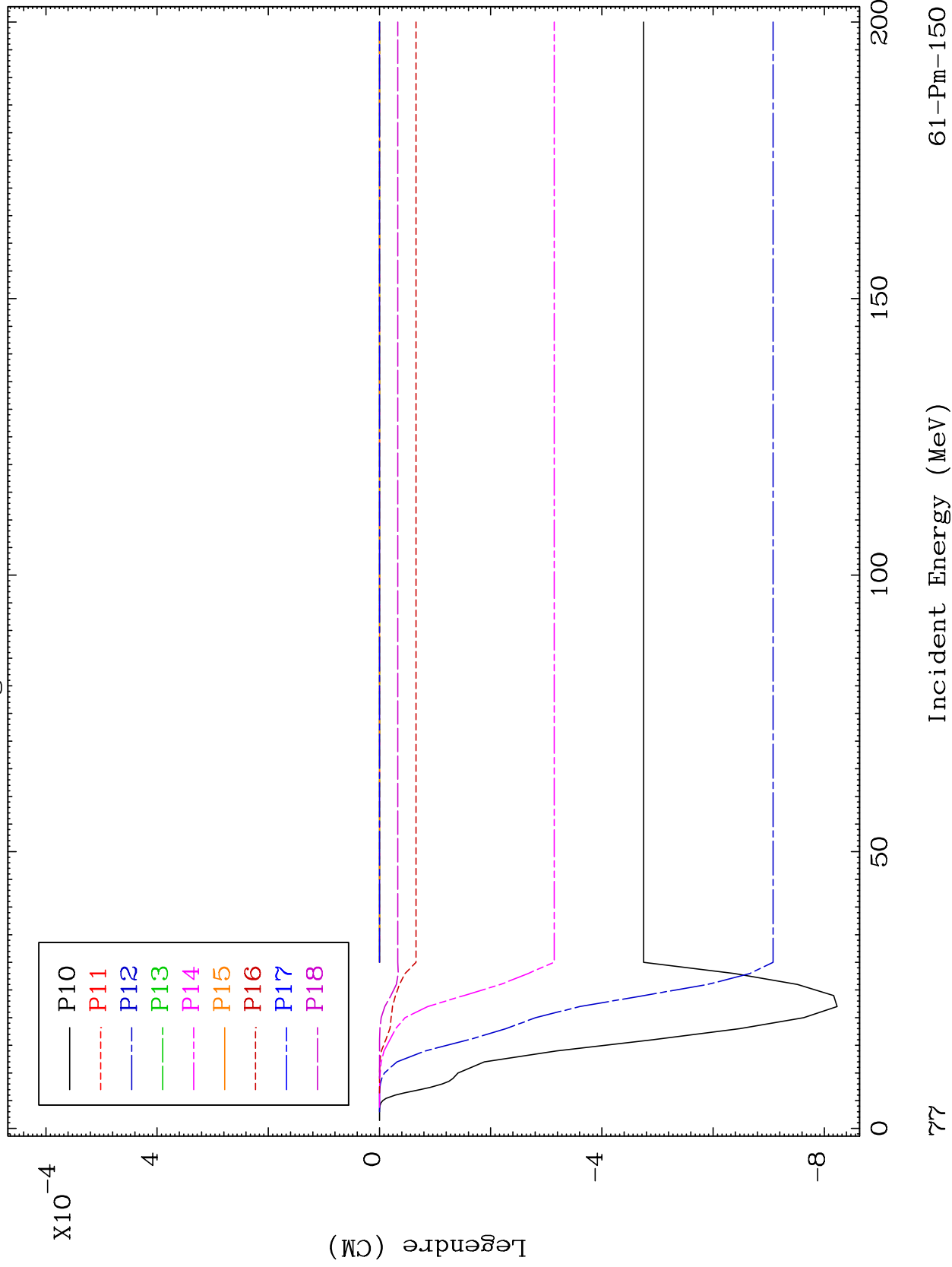




MAT 6158

MT= 67 (n,n') Level  
Legendre Coefficients

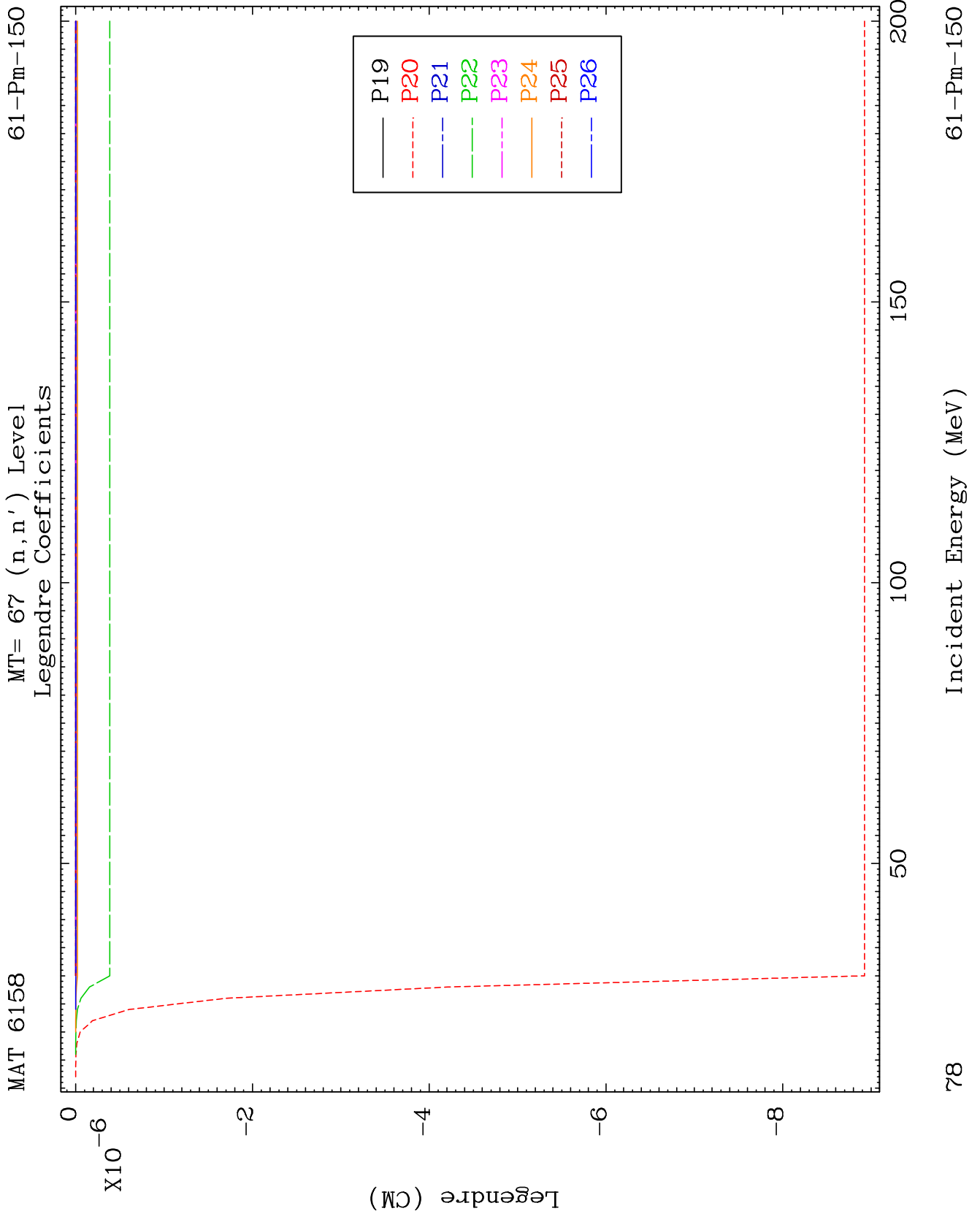
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77

Incident Energy (MeV)

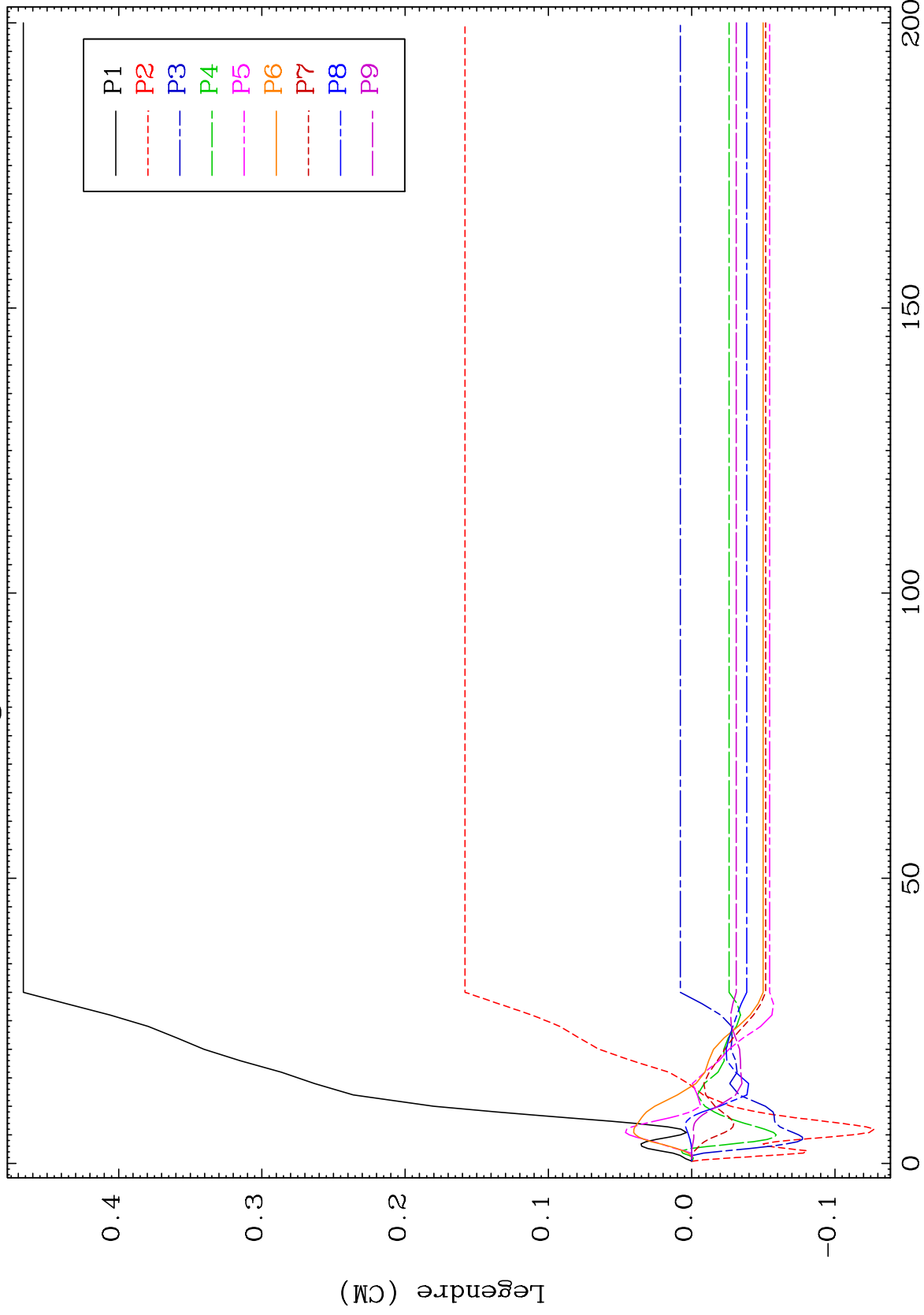
61-Pm-150



MAT 6158

MT= 68 (n,n') Level  
Legendre Coefficients

61-Pm-150

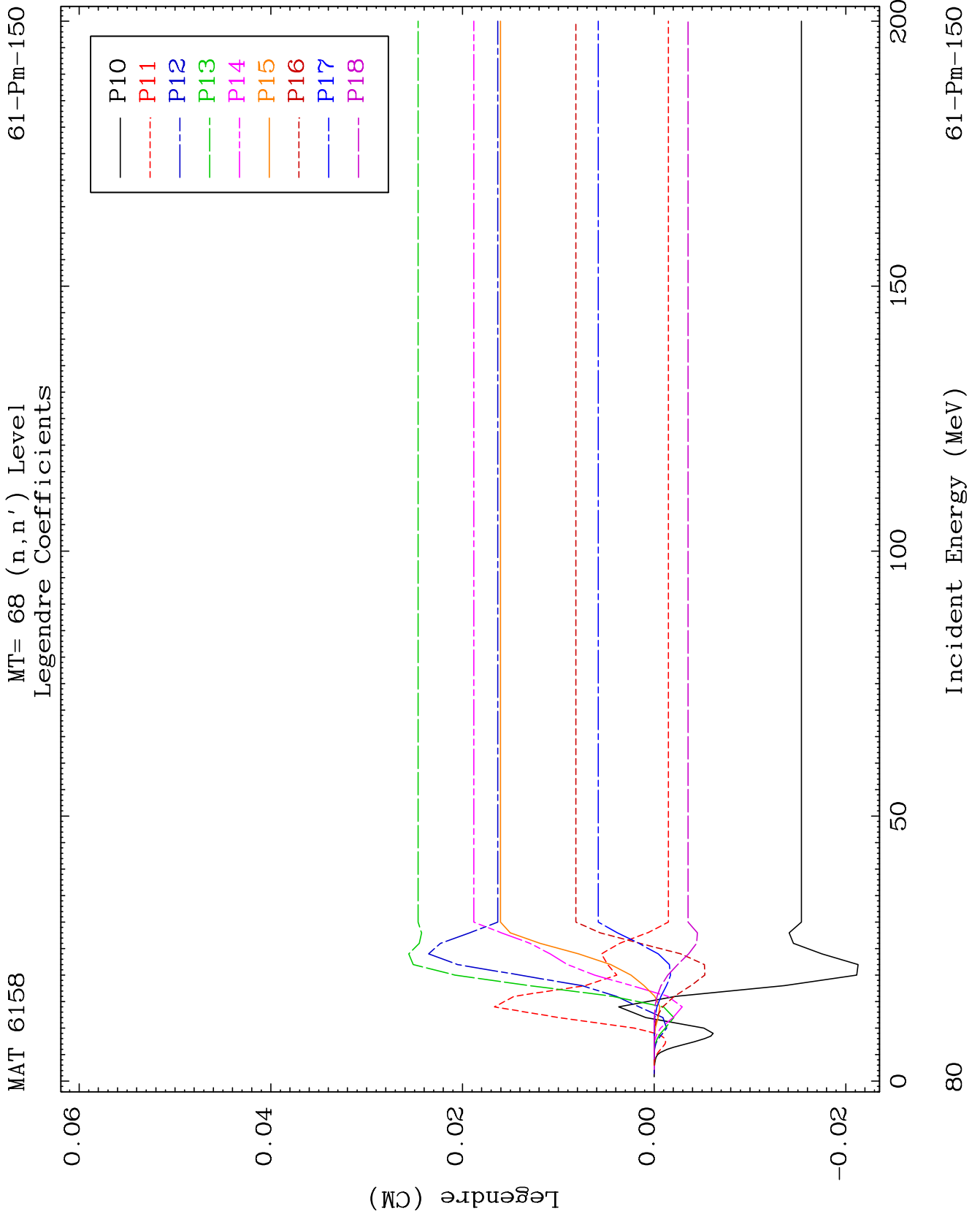


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Incident Energy (MeV)

61-Pm-150

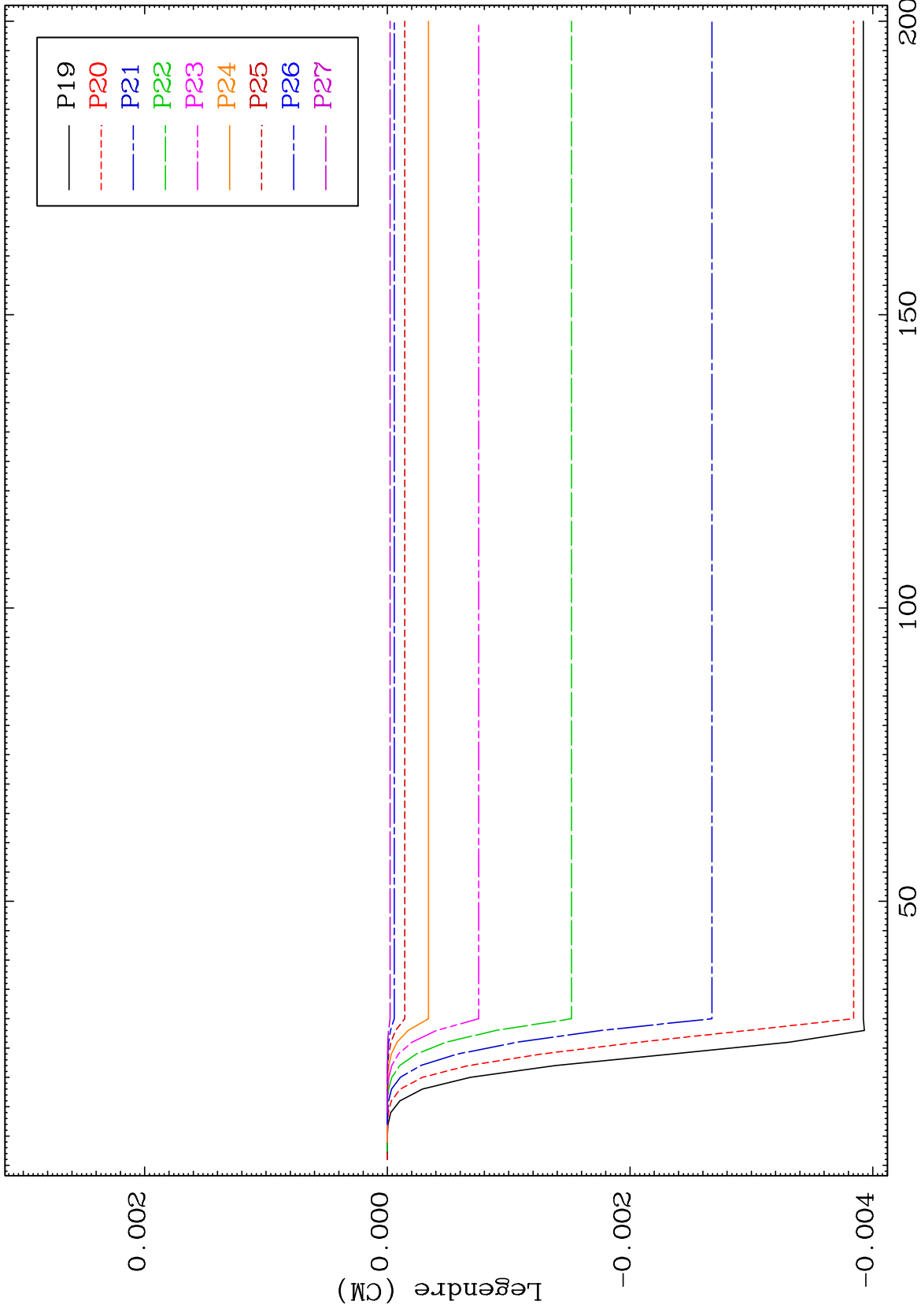




MAT 6158

MT= 68 (n,n') Level  
Legendre Coefficients

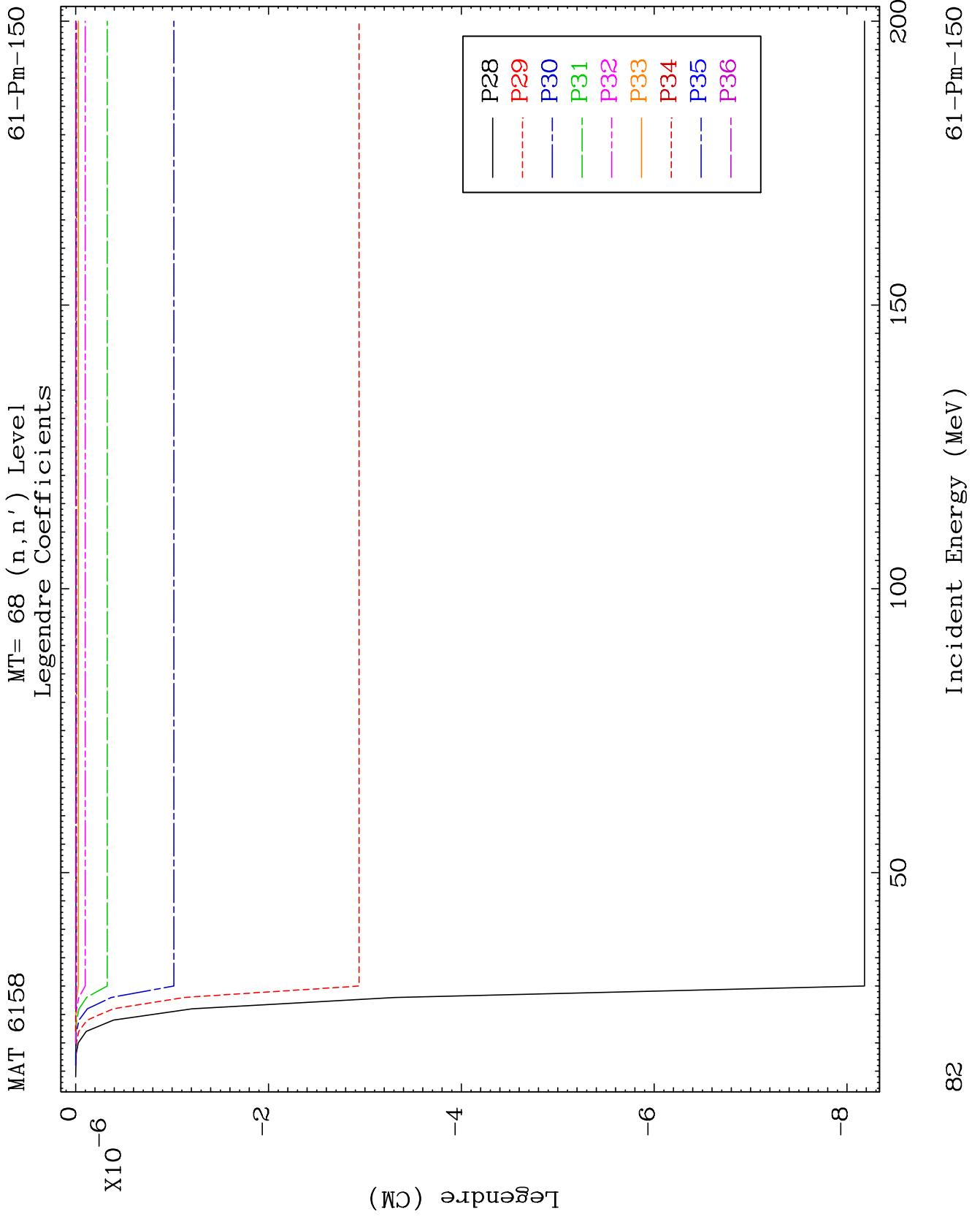
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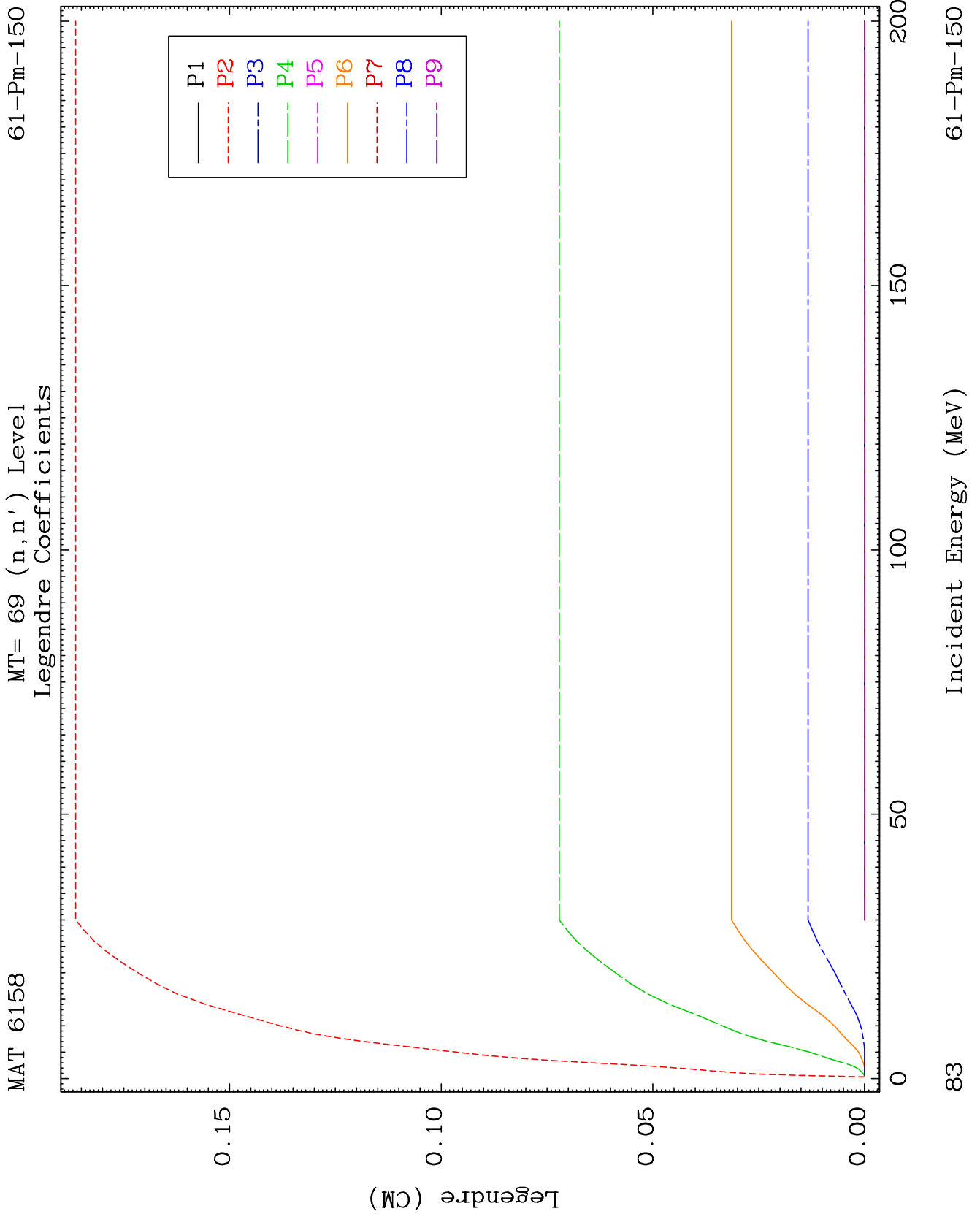


81

Incident Energy (MeV)

61-Pm-150

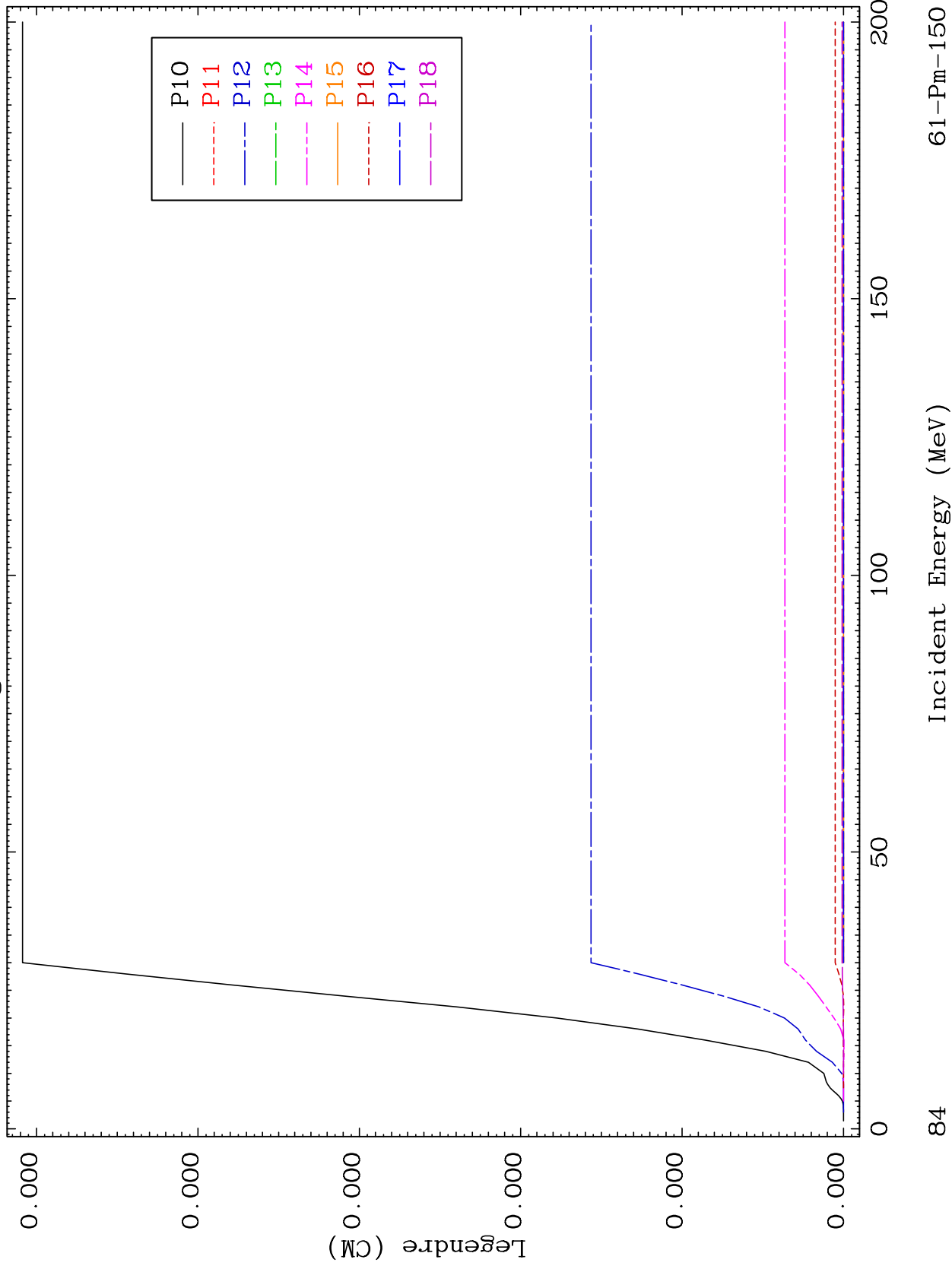




MAT 6158

MT= 69 (n,n') Level  
Legendre Coefficients

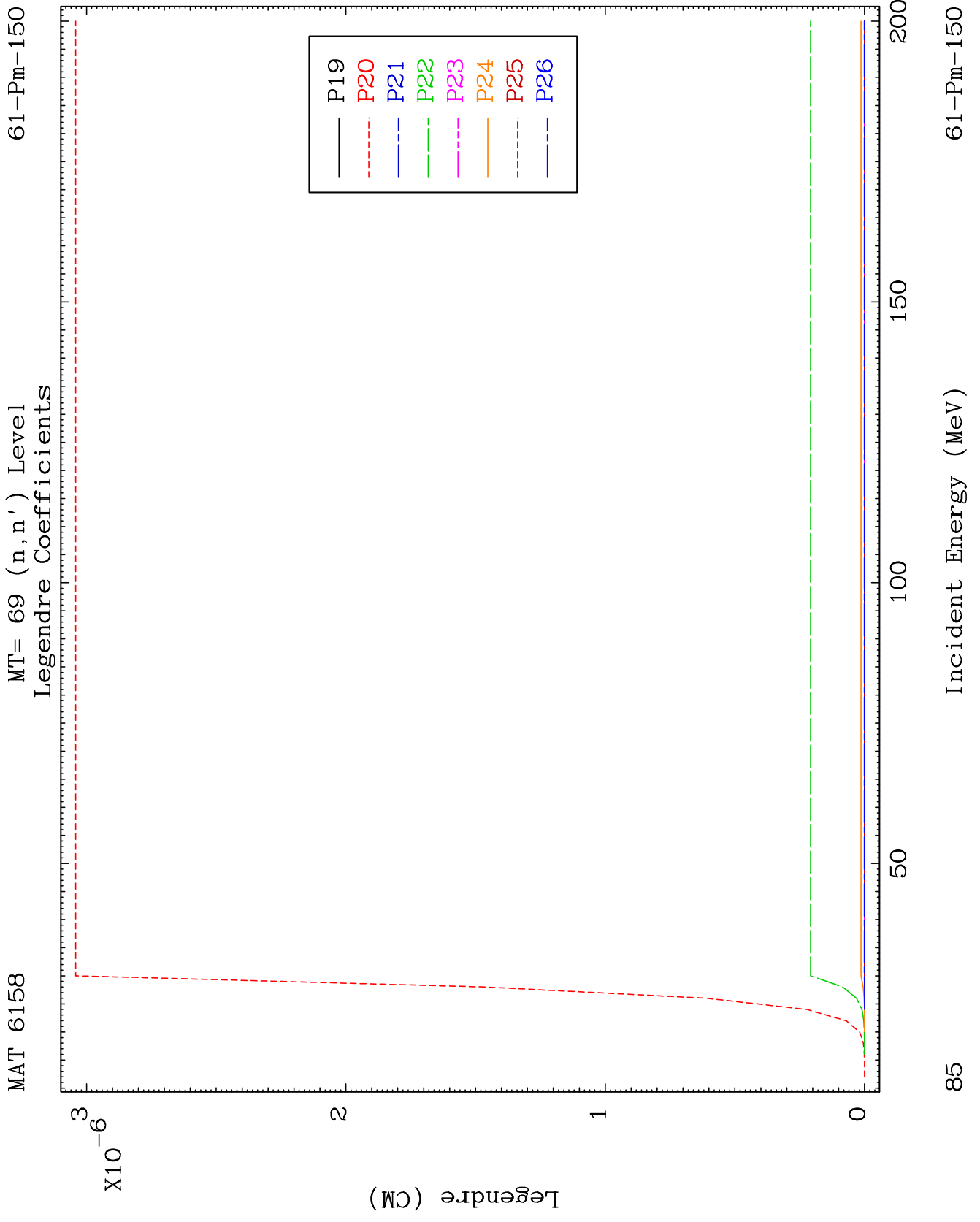
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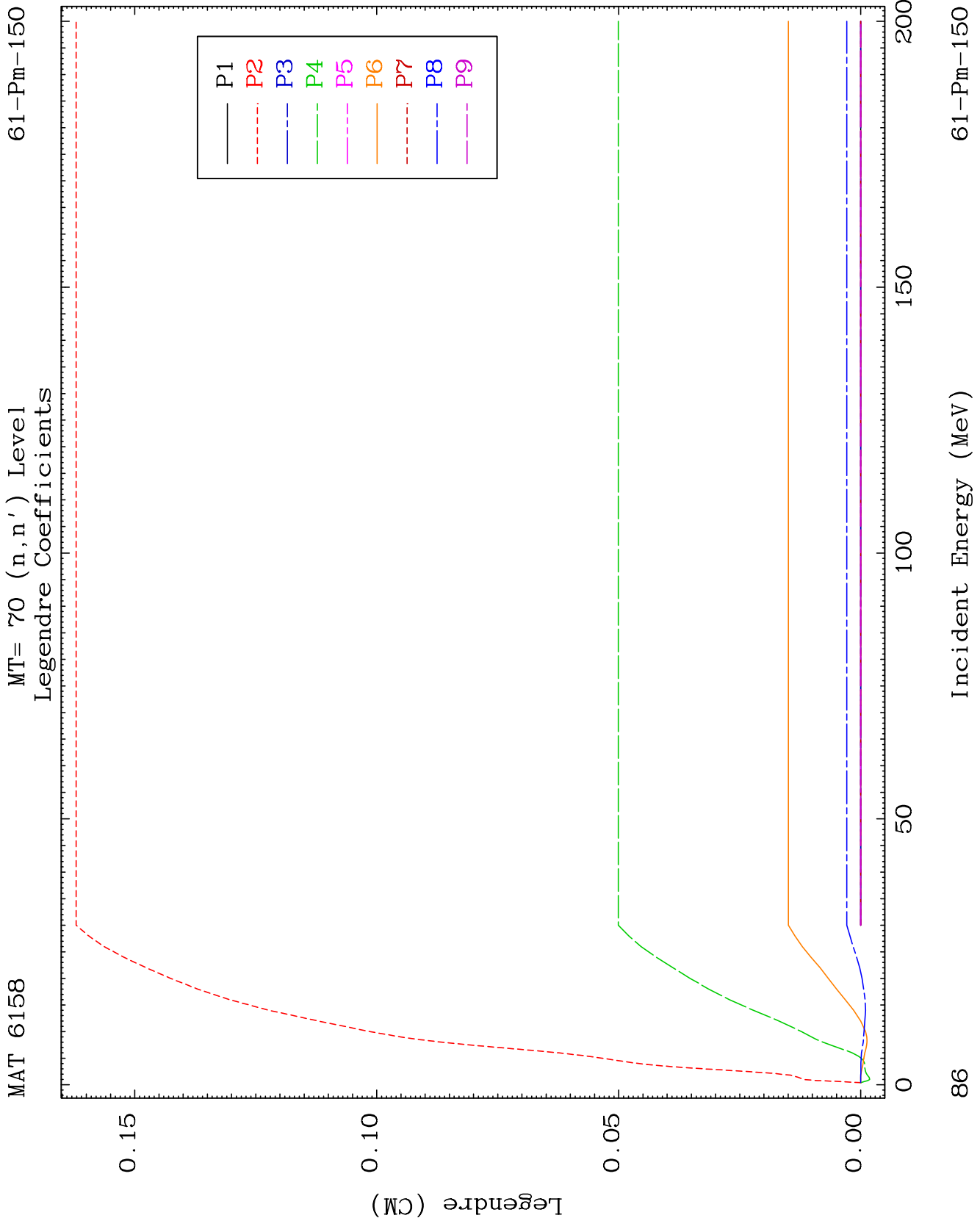


84

Incident Energy (MeV)

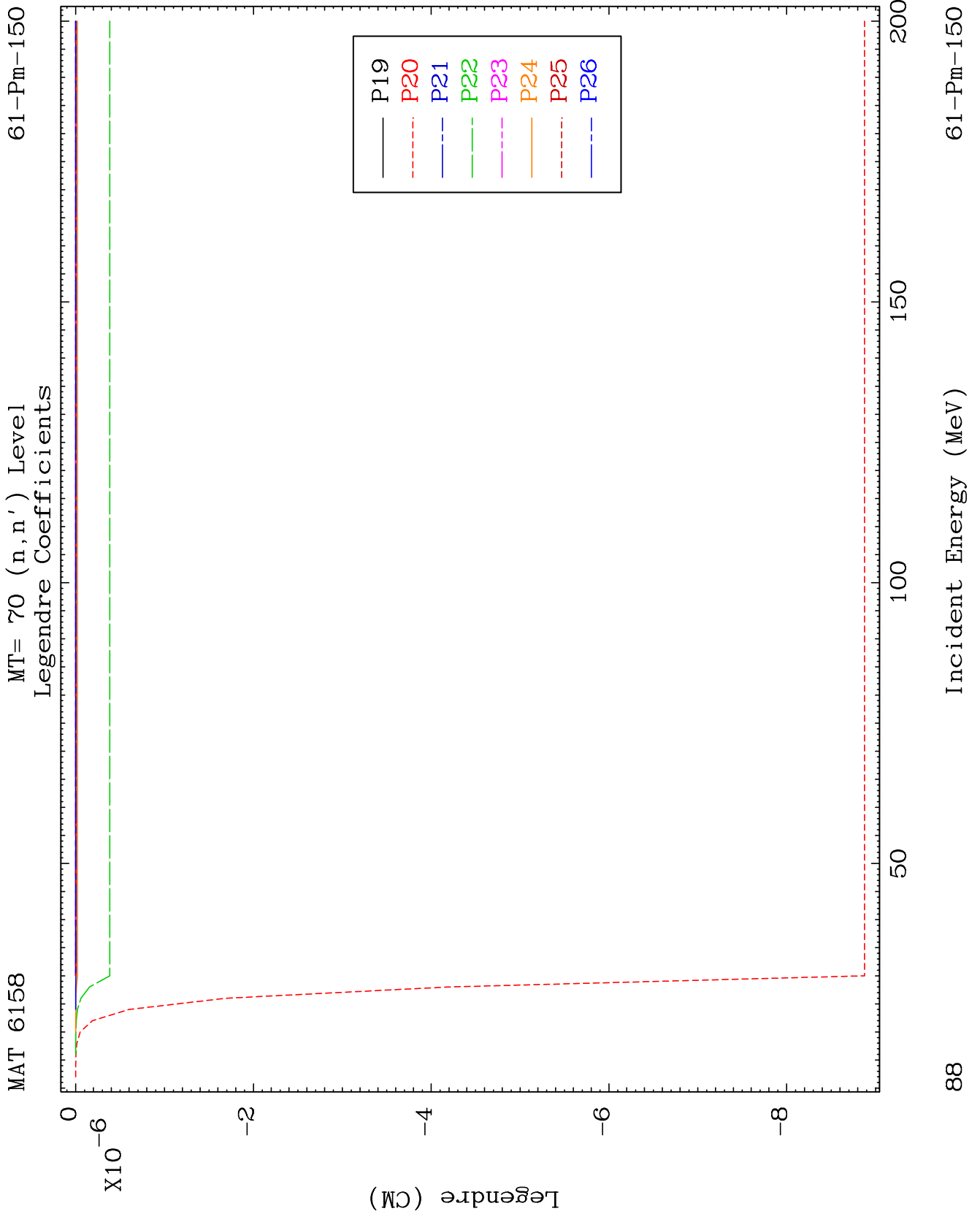
61-Pm-150

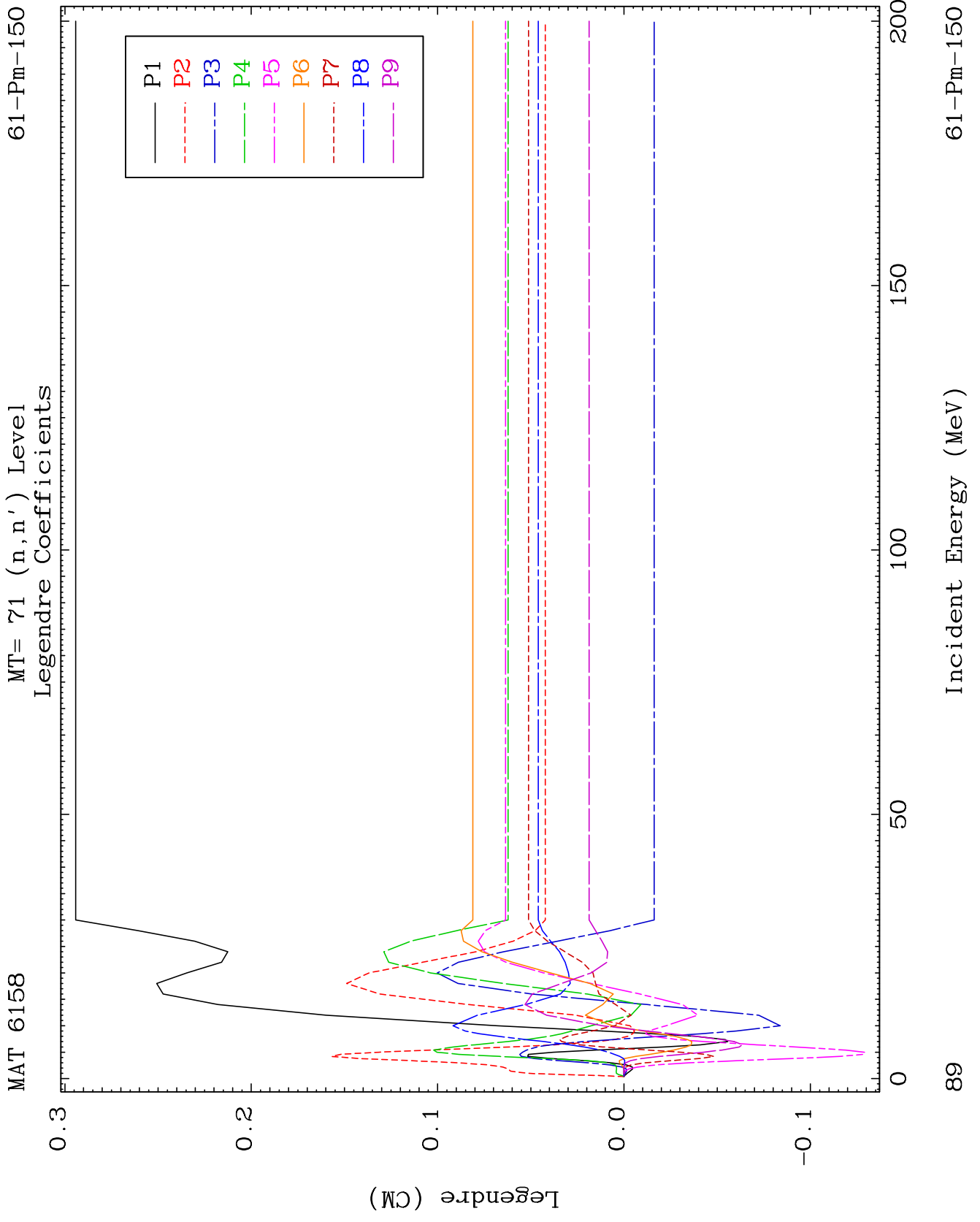










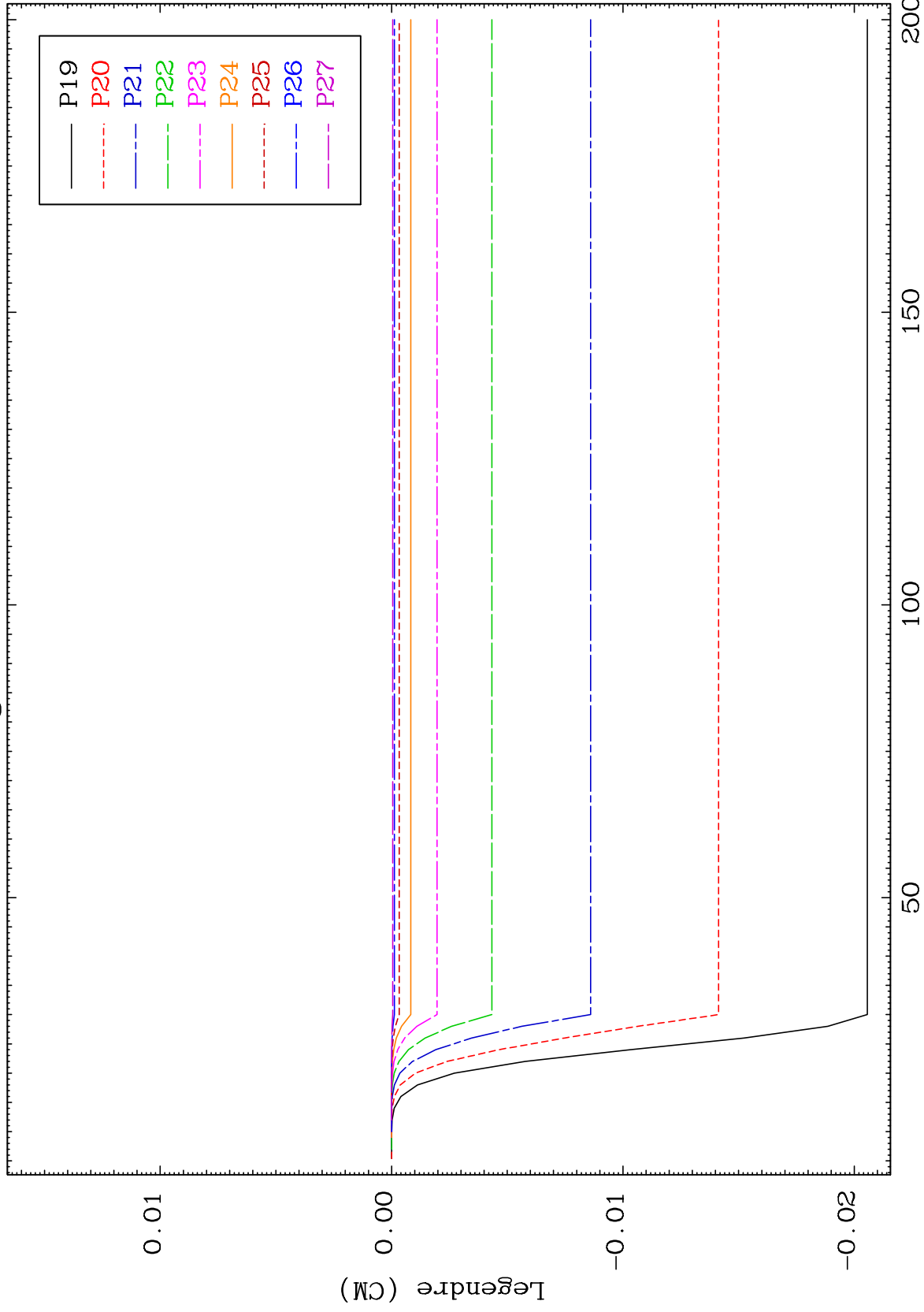




MAT 6158

MT= 71 (n,n') Level  
Legendre Coefficients

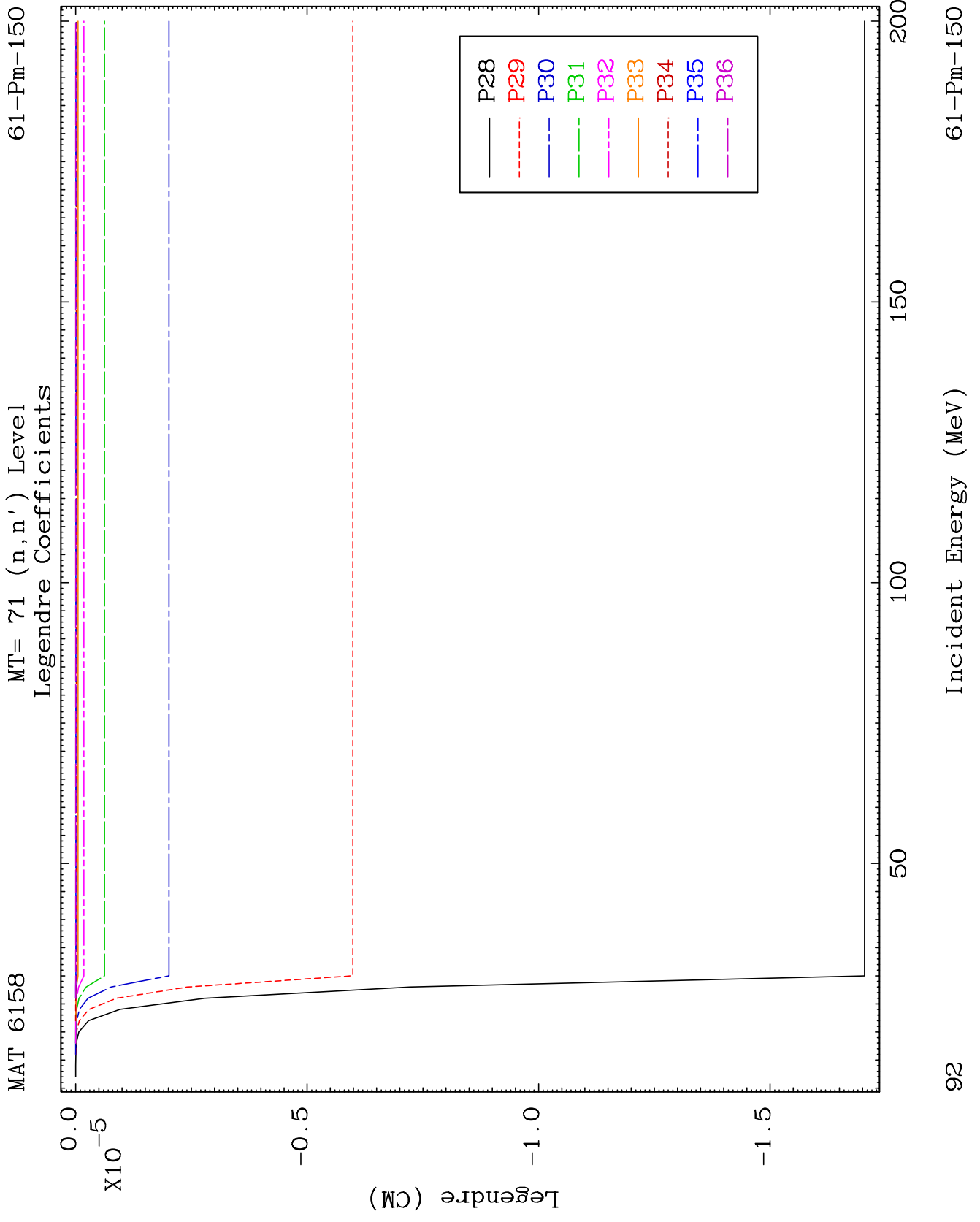
61-Pm-150

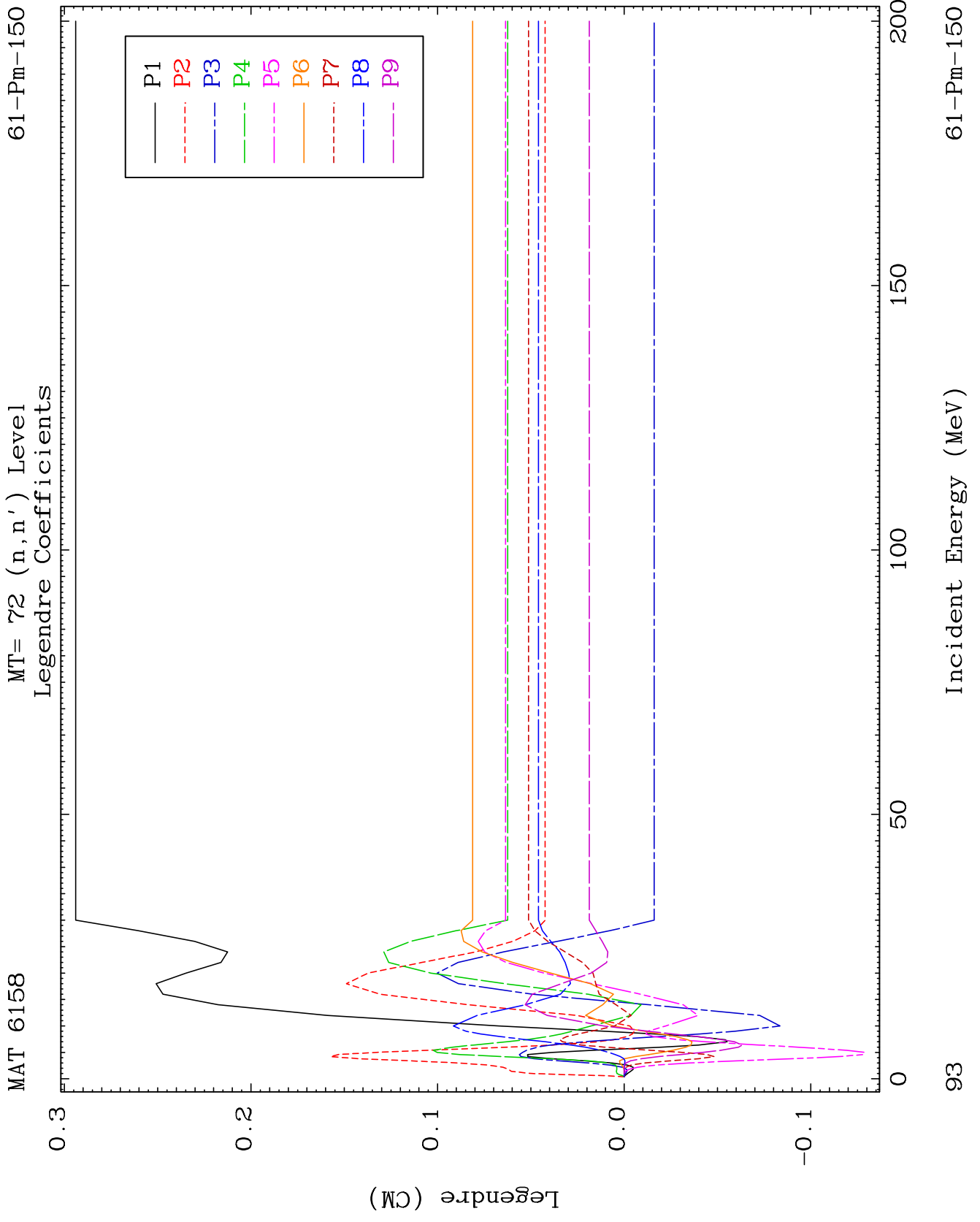


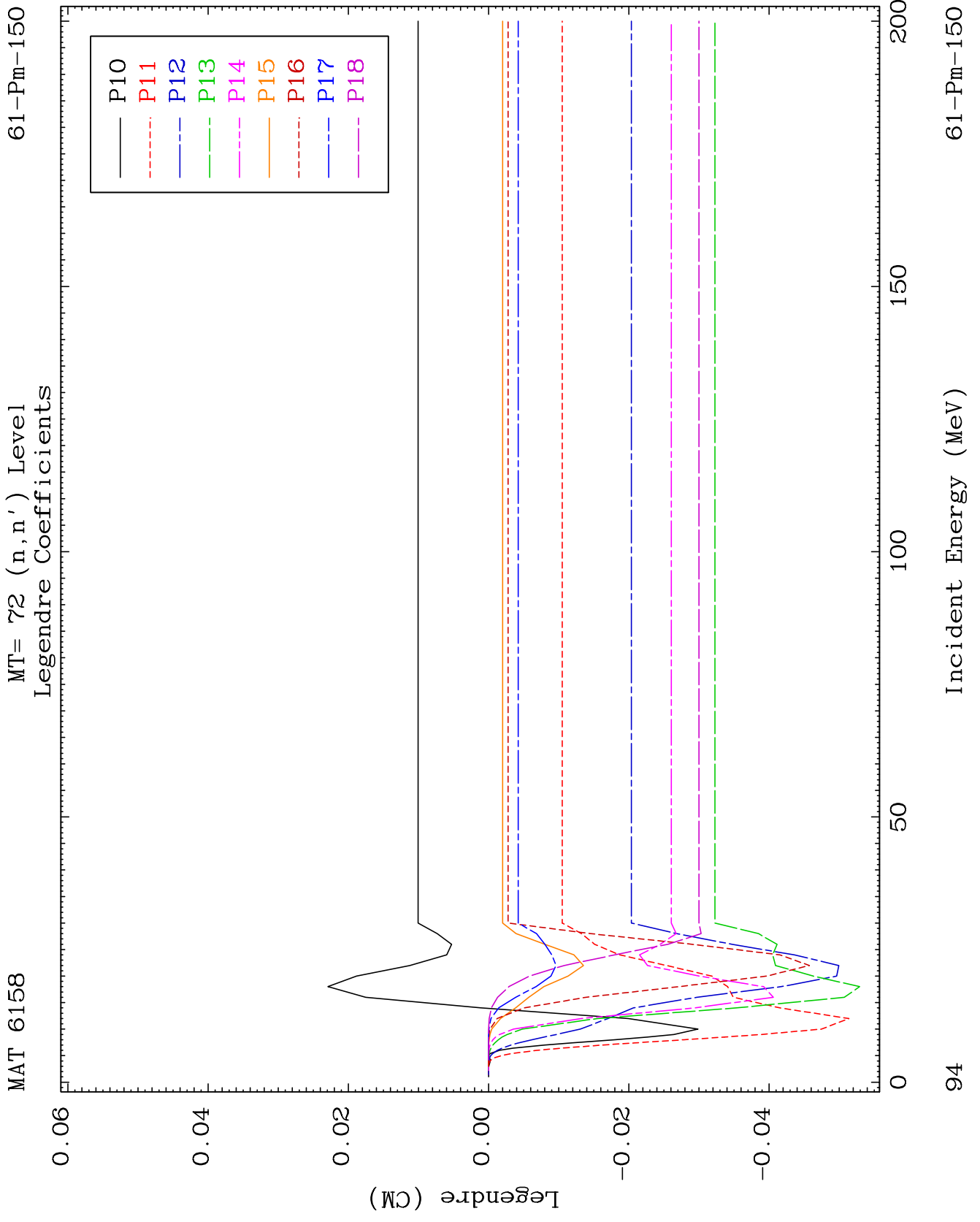
91

Incident Energy (MeV)

61-Pm-150



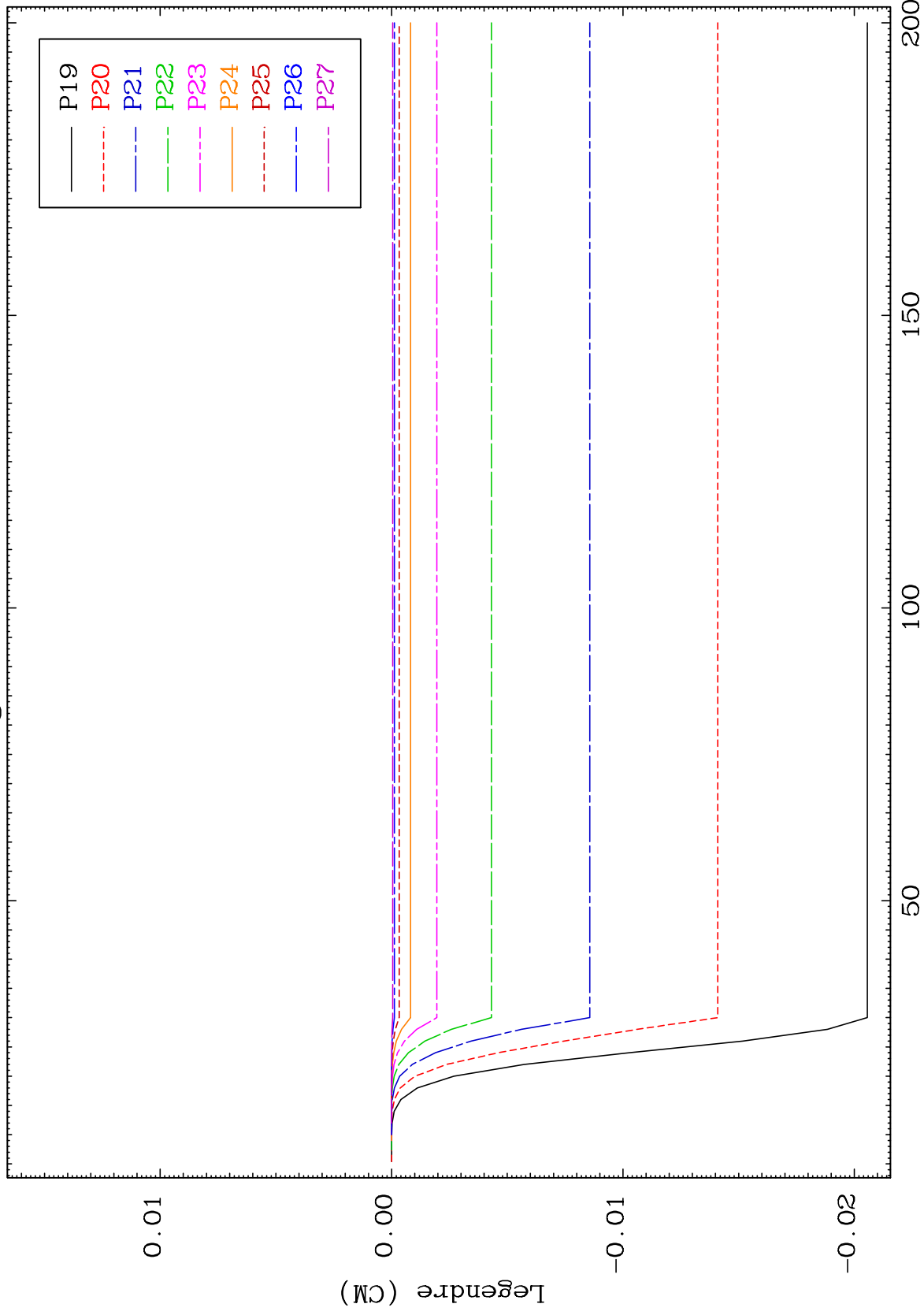




MAT 6158

MT= 72 (n,n') Level  
Legendre Coefficients

61-Pm-150

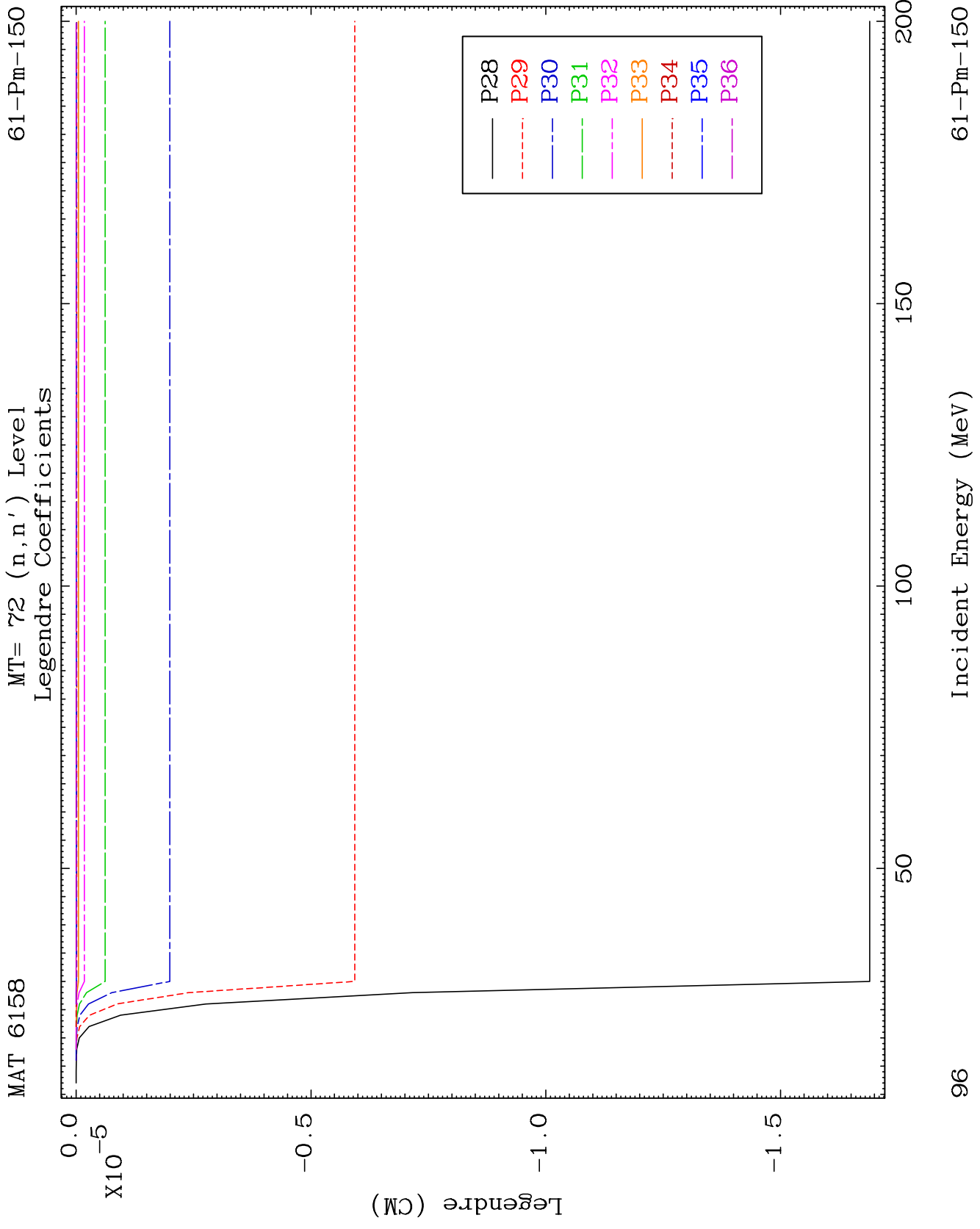


95

Incident Energy (MeV)

61-Pm-150

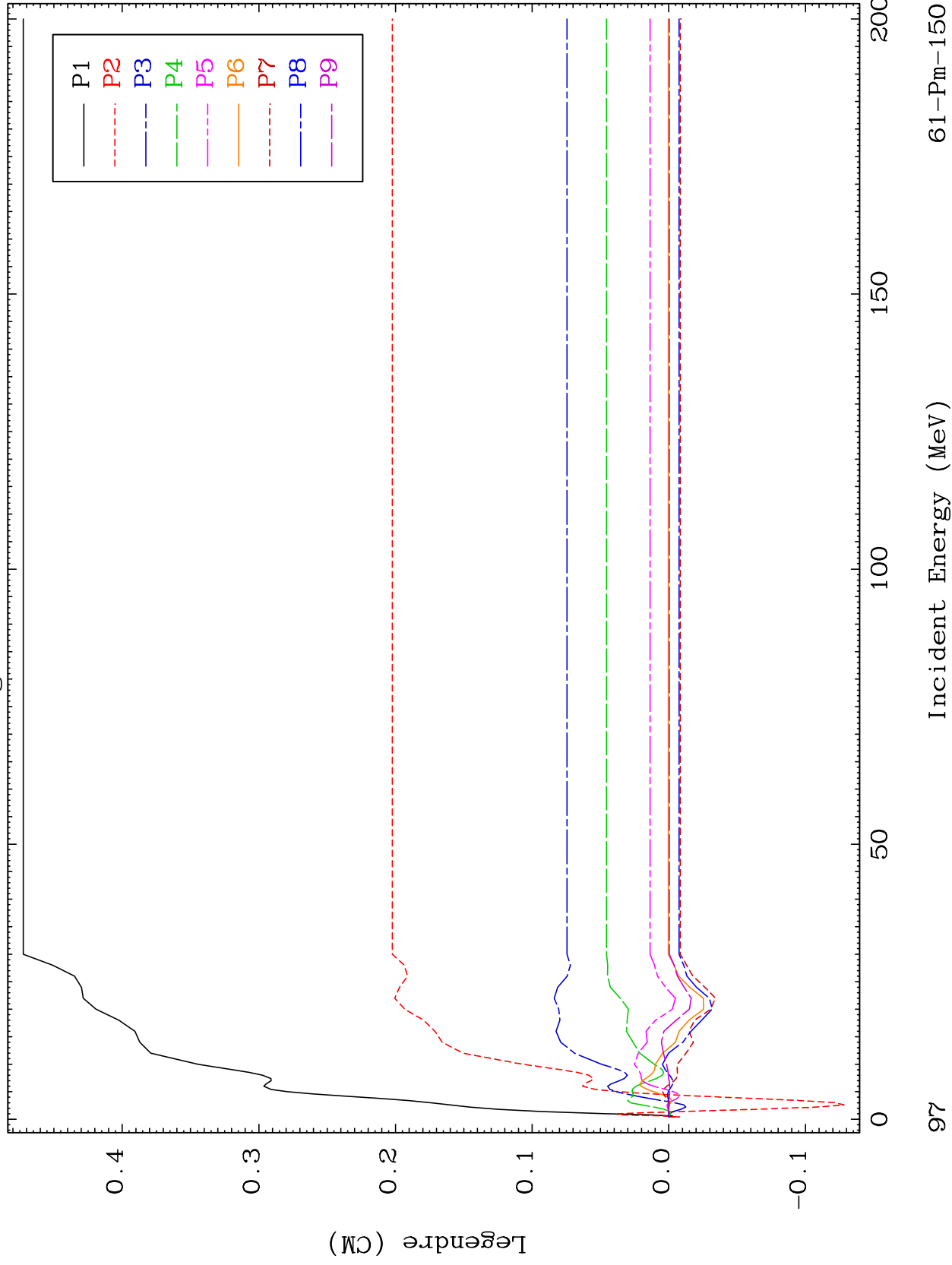




MAT 6158

MT= 73 (n,n') Level  
Legendre Coefficients

61-Pm-150



61-Pm-150

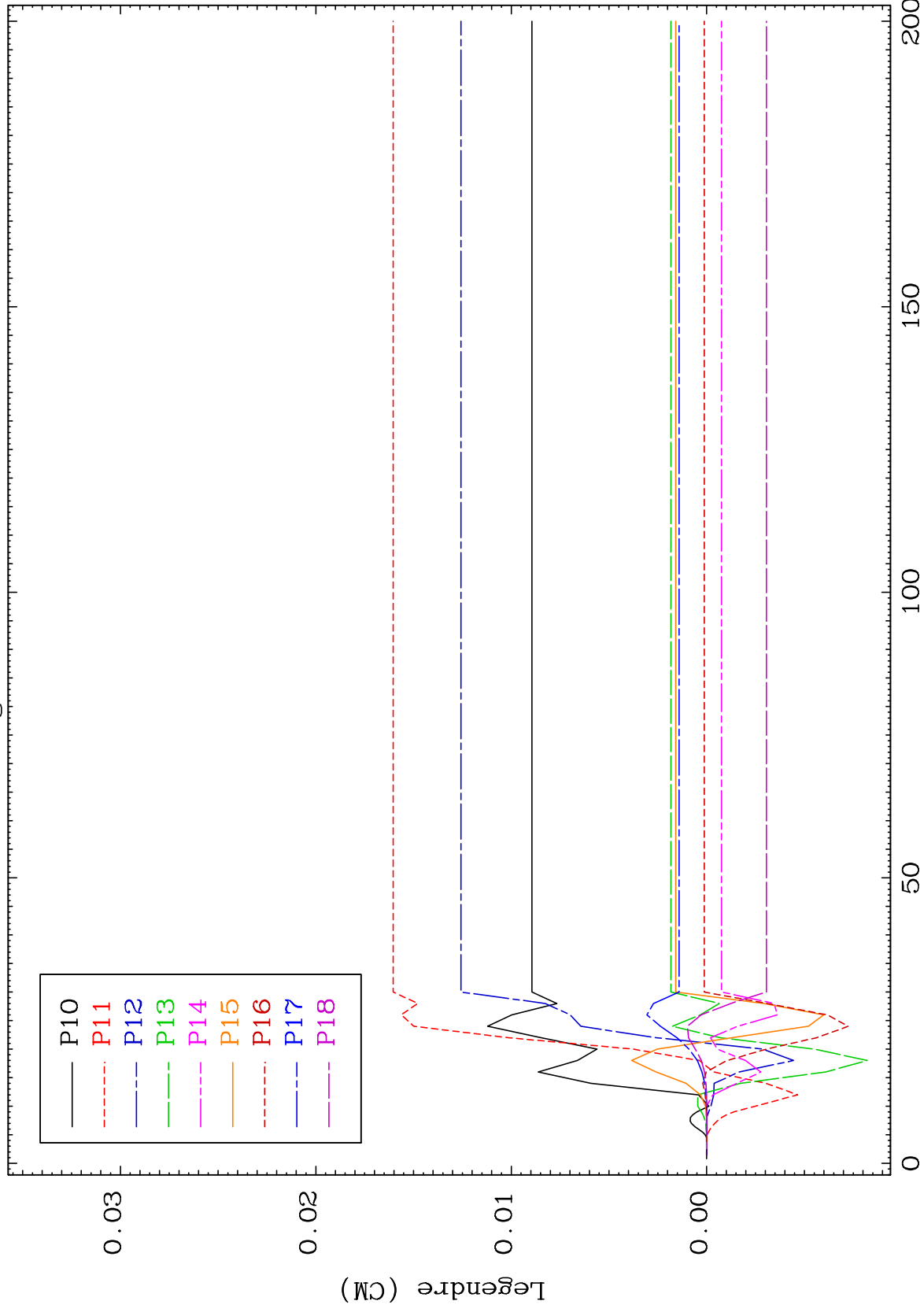
Incident Energy (MeV)

97

MAT 6158

MT= 73 (n,n') Level  
Legendre Coefficients

61-Pm-150



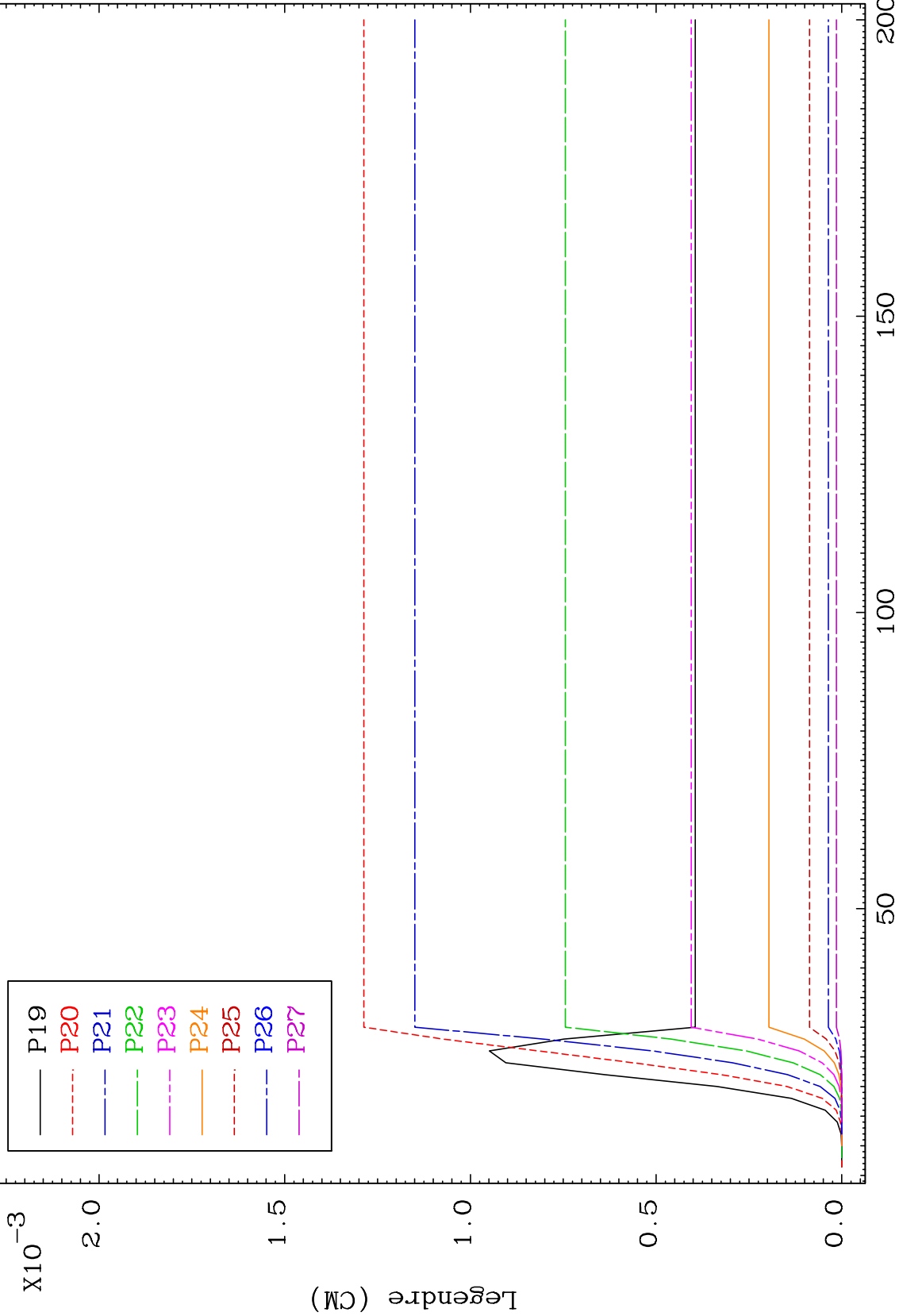
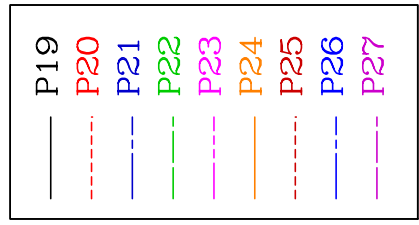
98

61-Pm-150

MAT 6158

MT= 73 (n,n') Level  
Legendre Coefficients

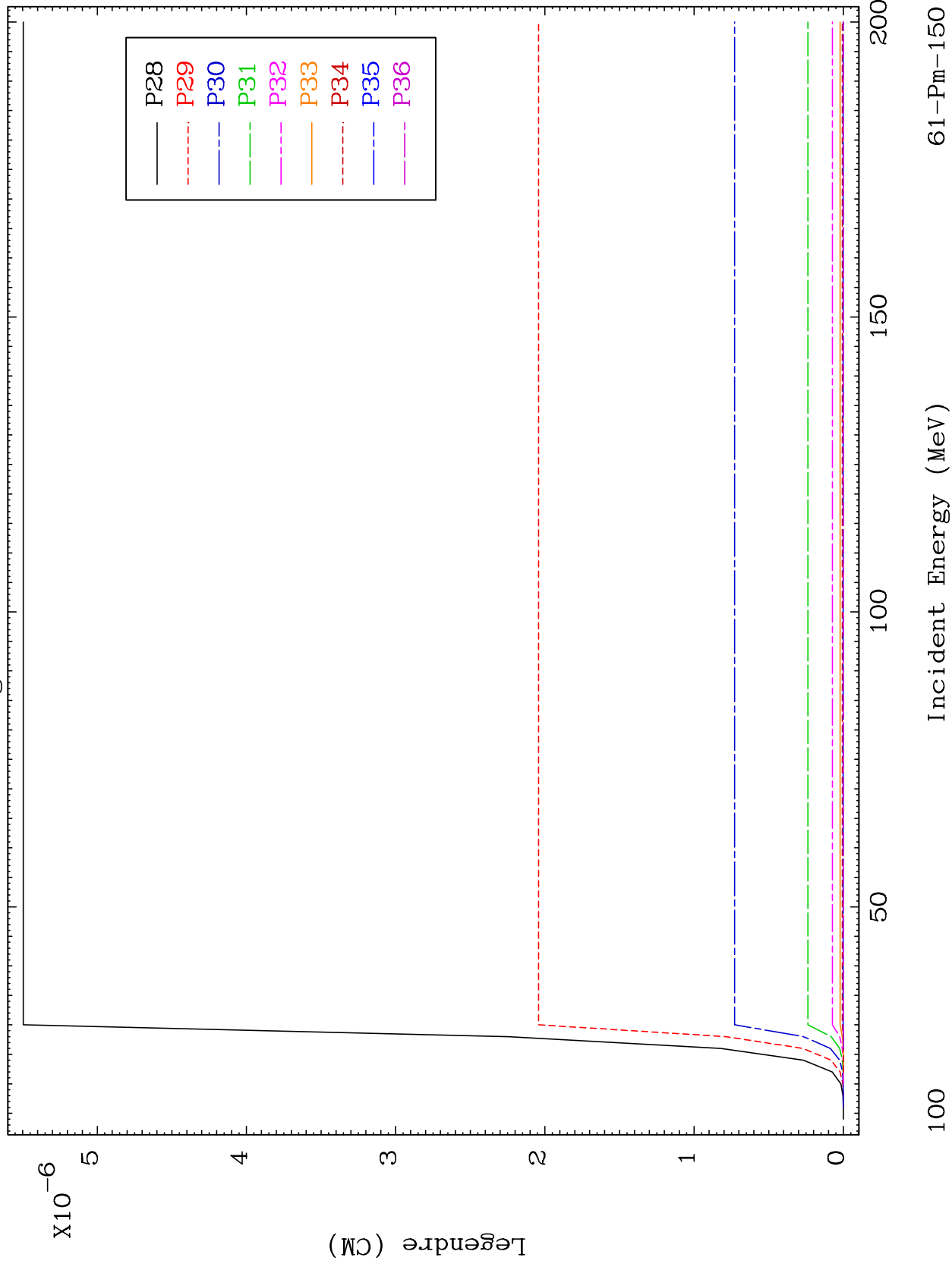
61-Pm-150

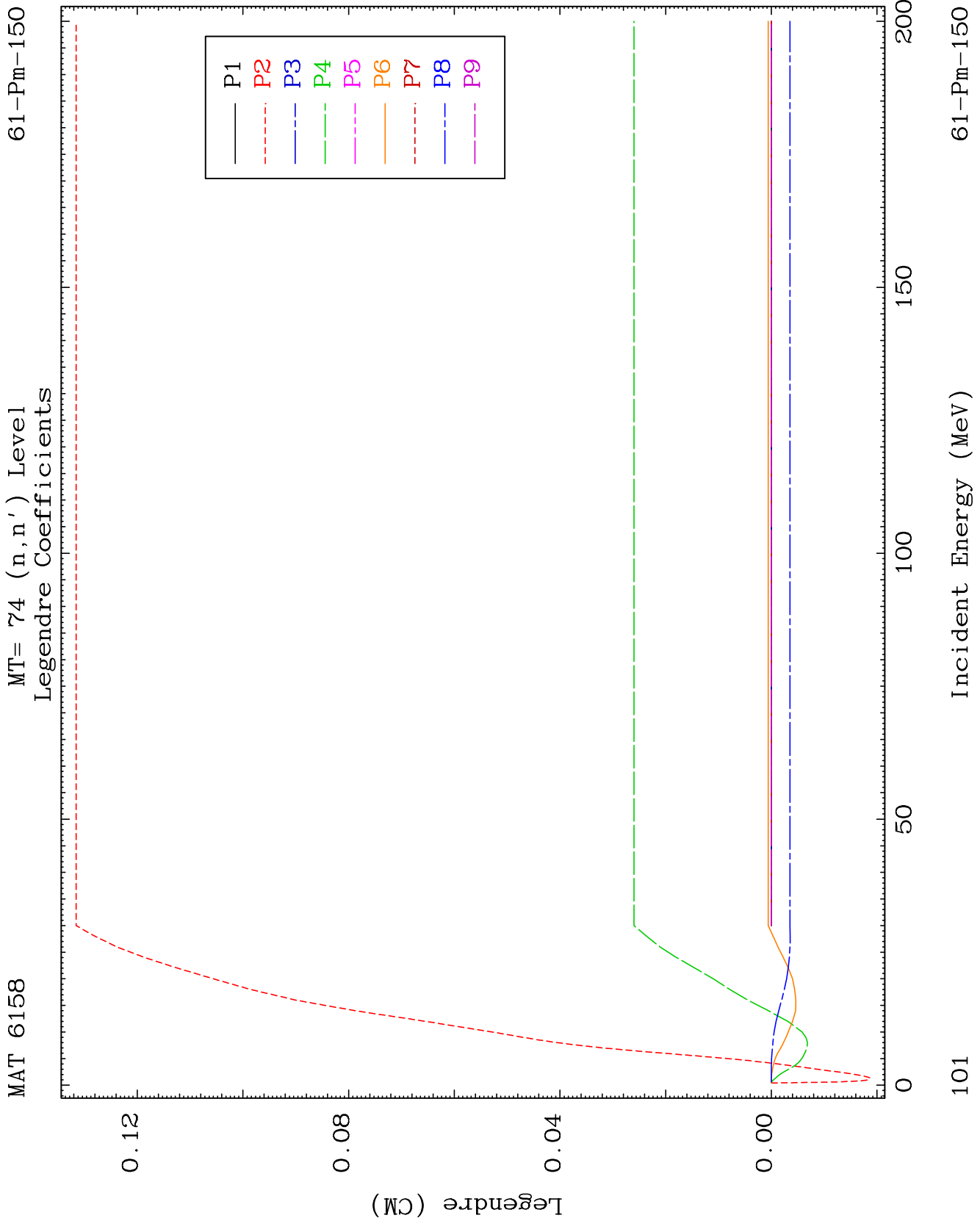


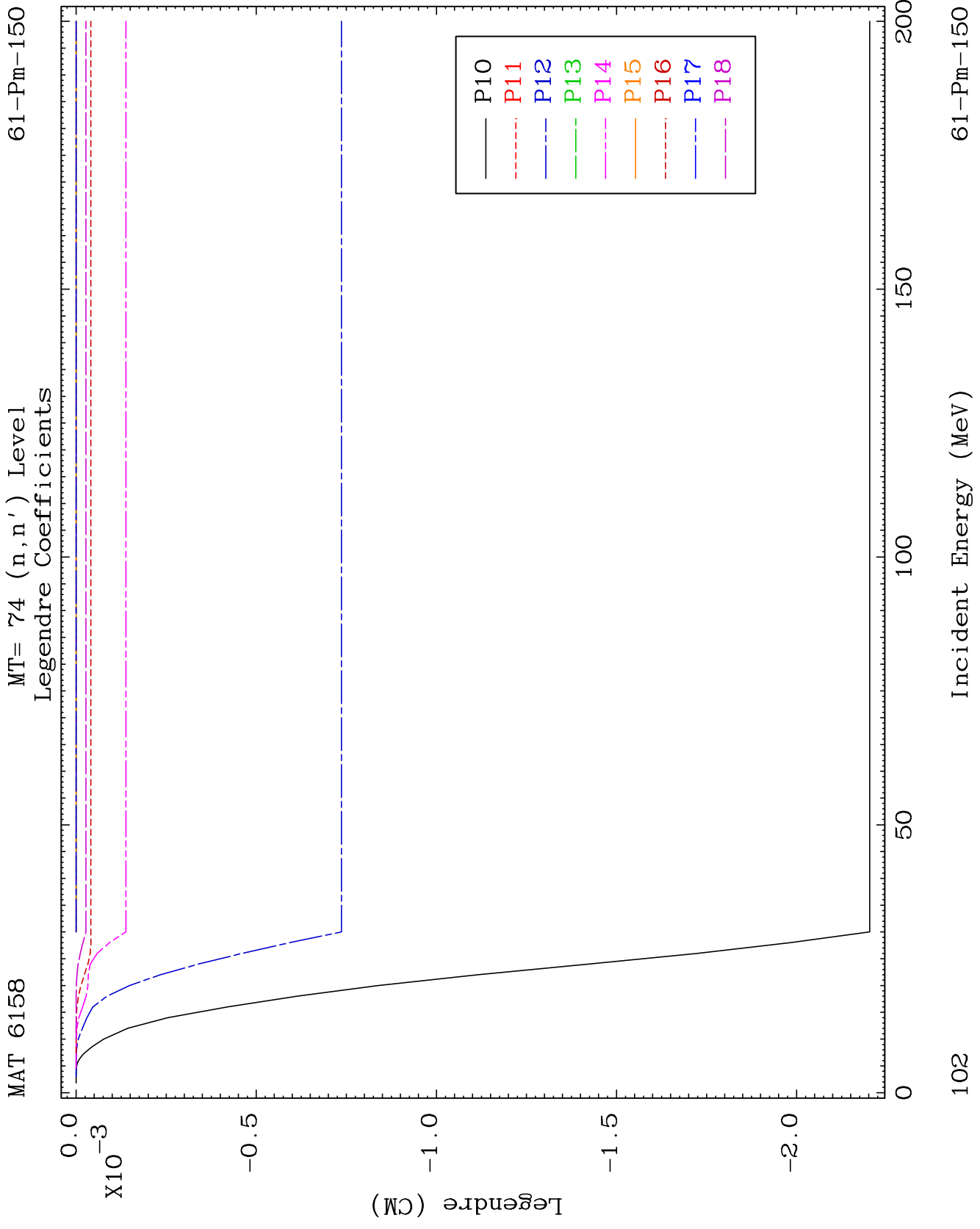
MAT 6158

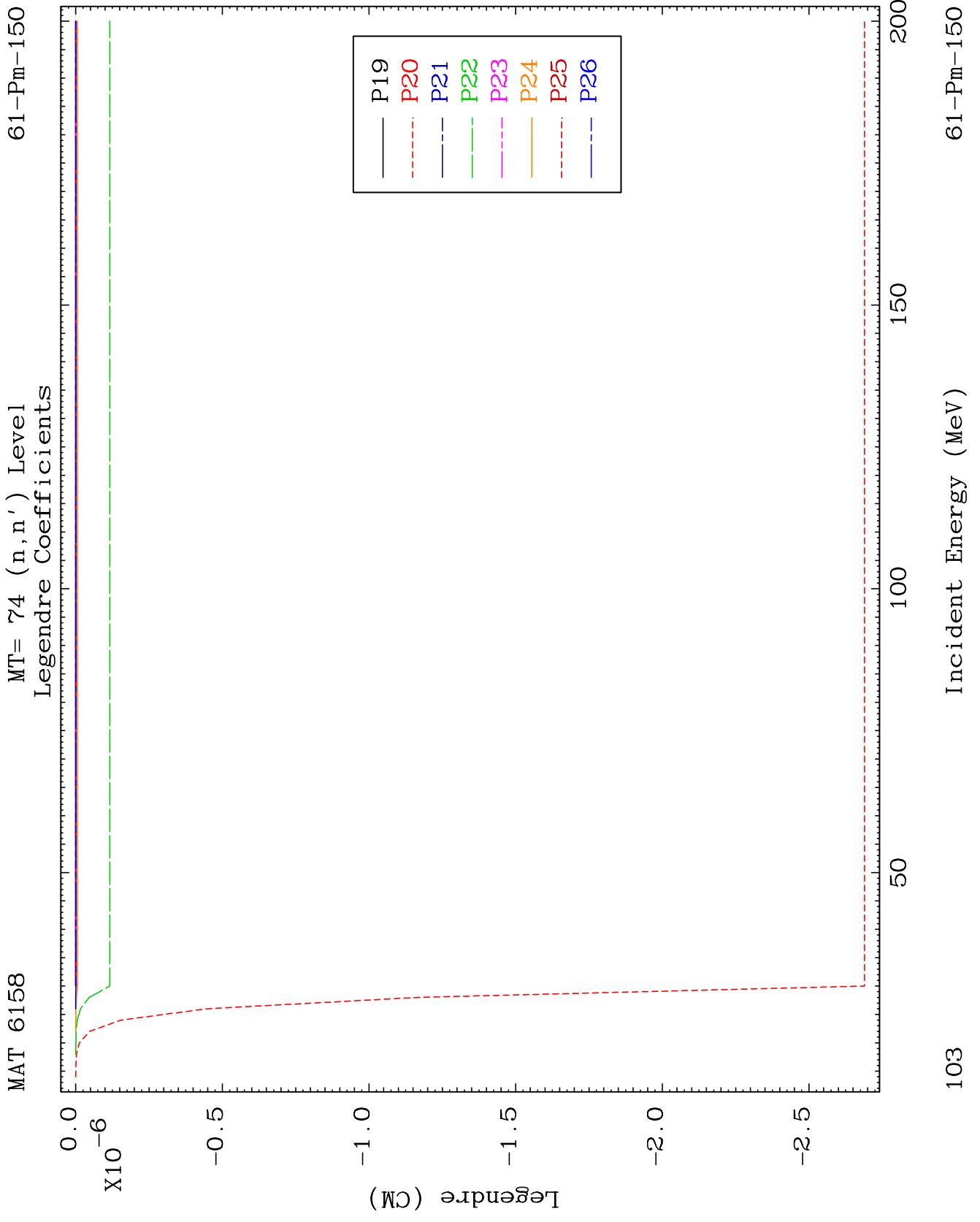
MT= 73 (n,n') Level  
Legendre Coefficients

61-Pm-150

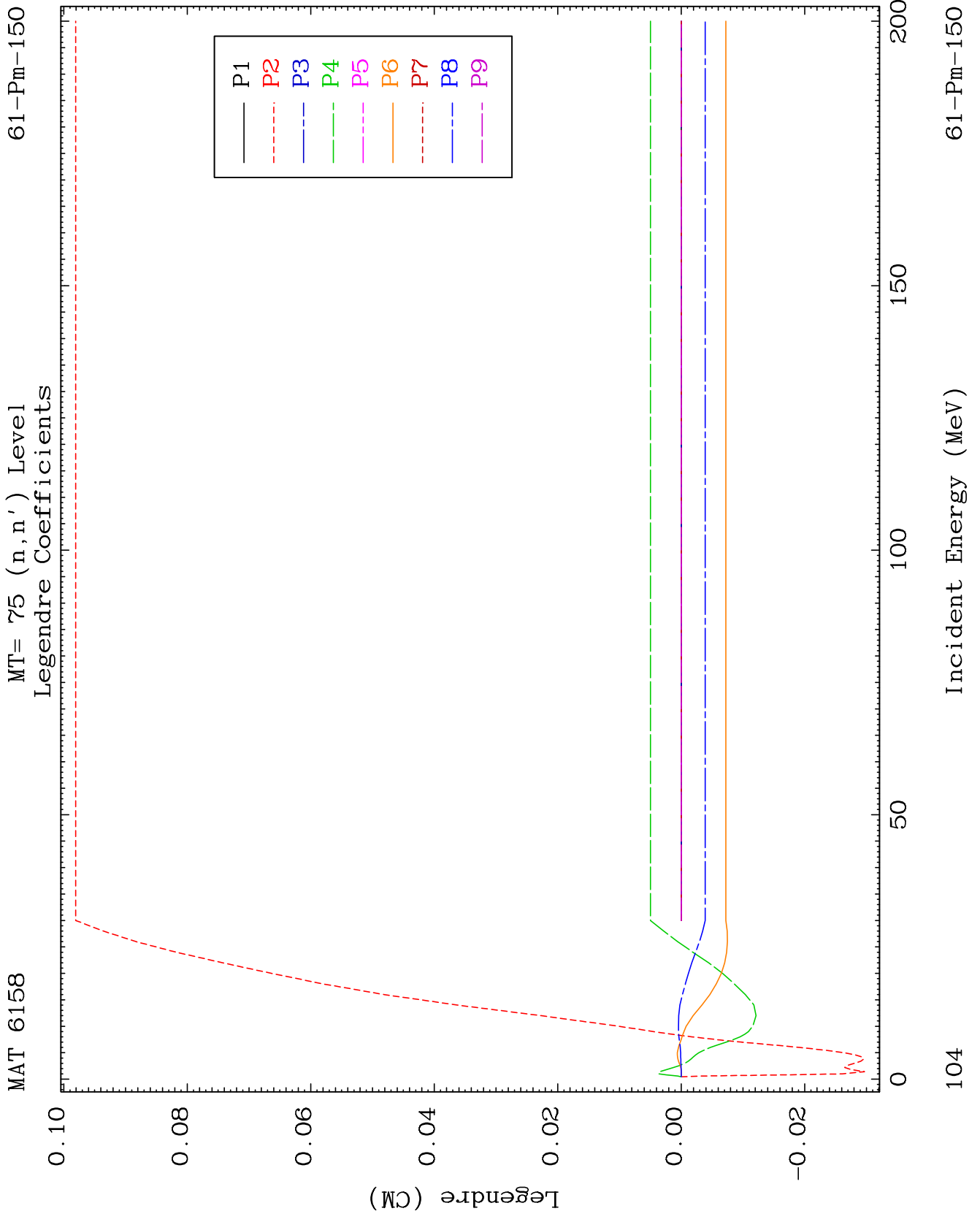








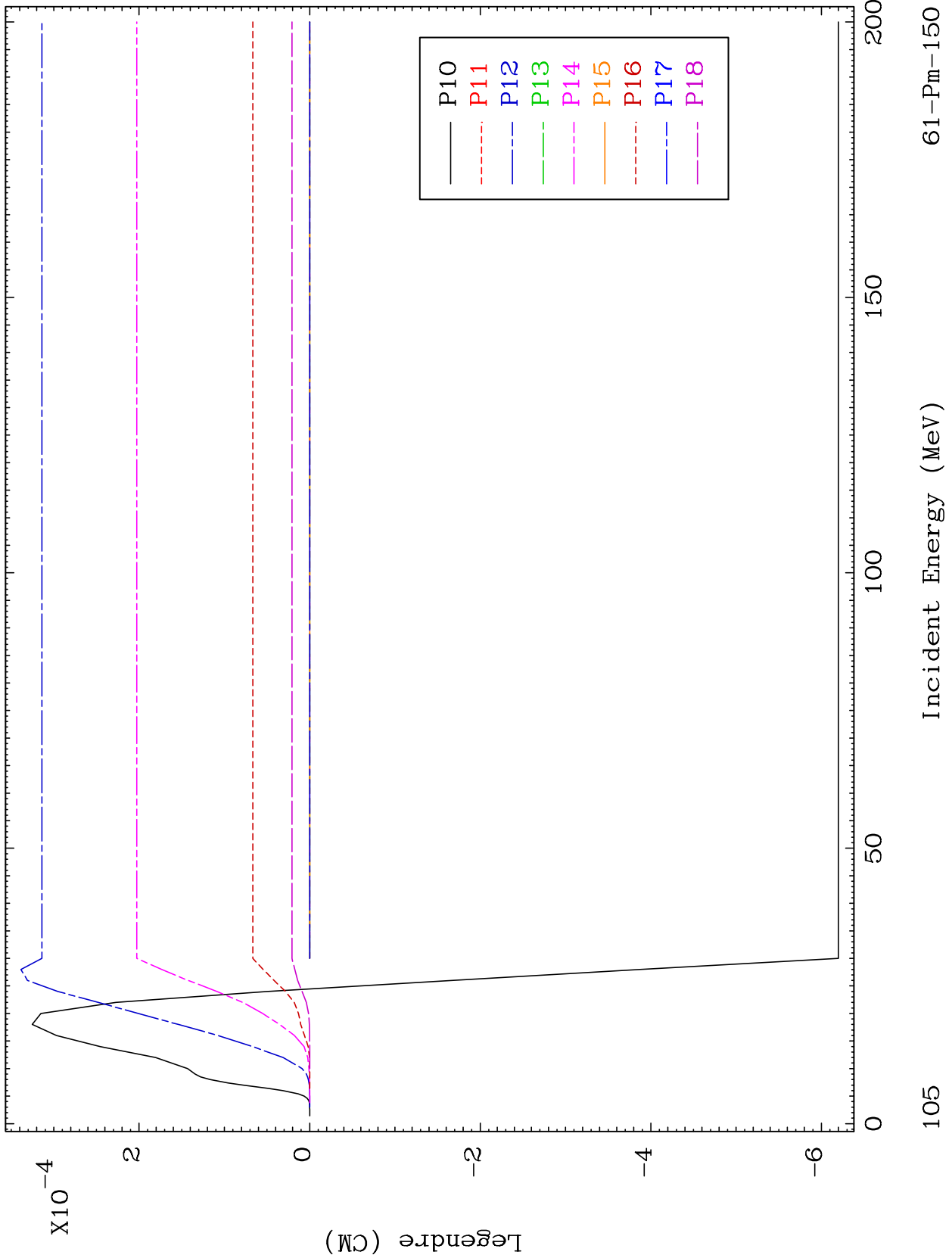




MAT 6158

MT= 75 (n,n') Level  
Legendre Coefficients

61-Pm-150



61-Pm-150

Incident Energy (MeV)

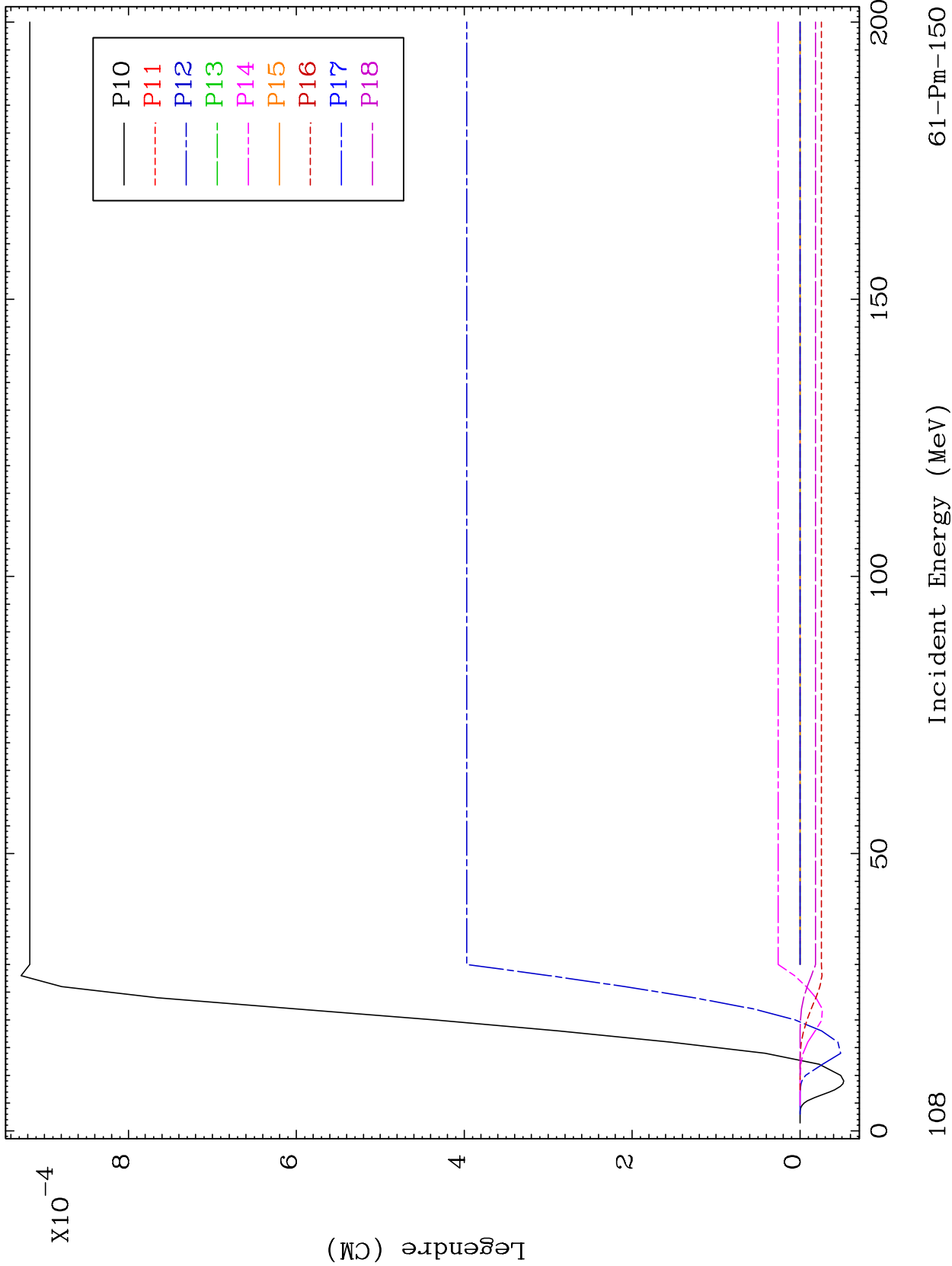


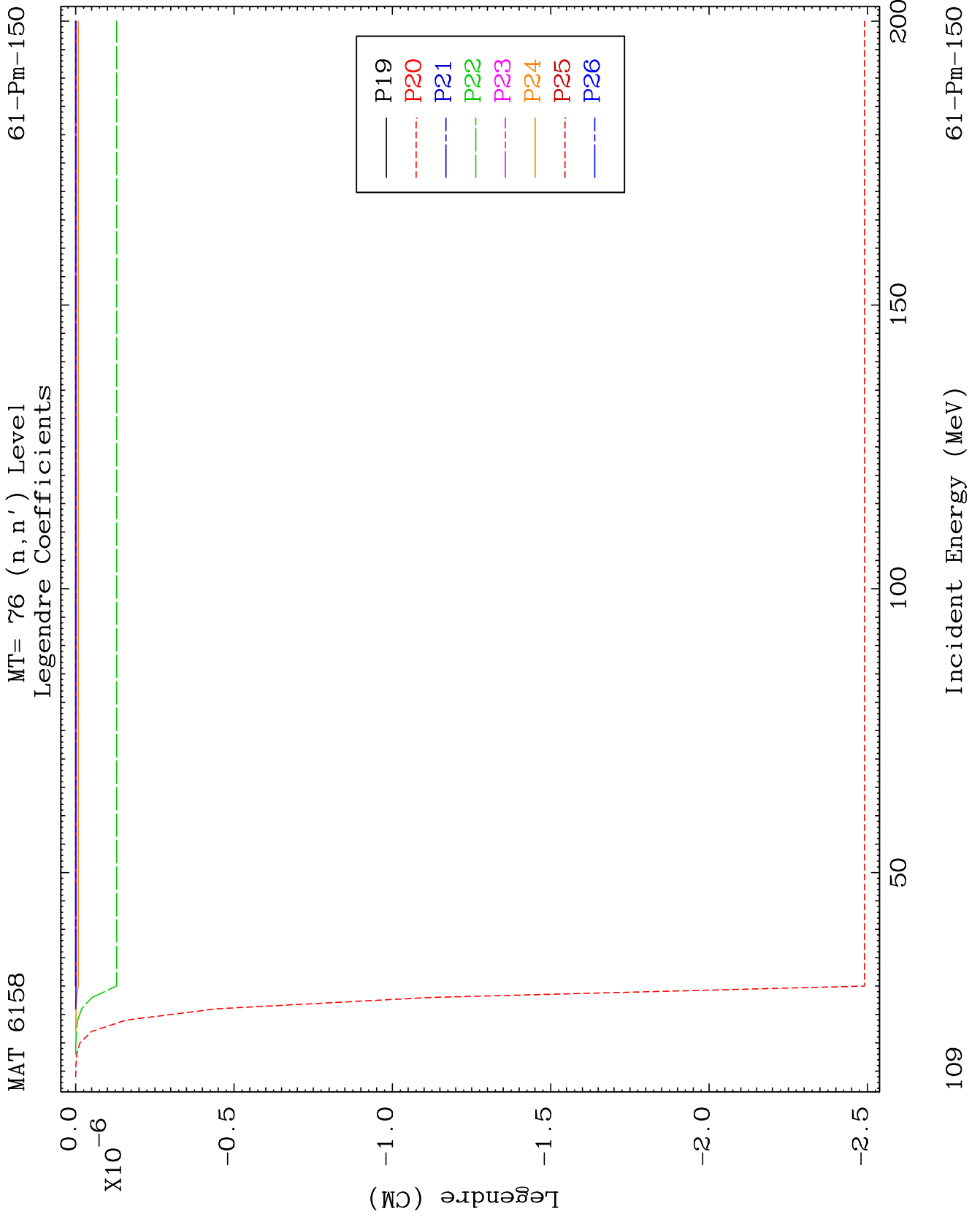


MAT 6158

MT= 76 (n,n') Level  
Legendre Coefficients

61-Pm-150

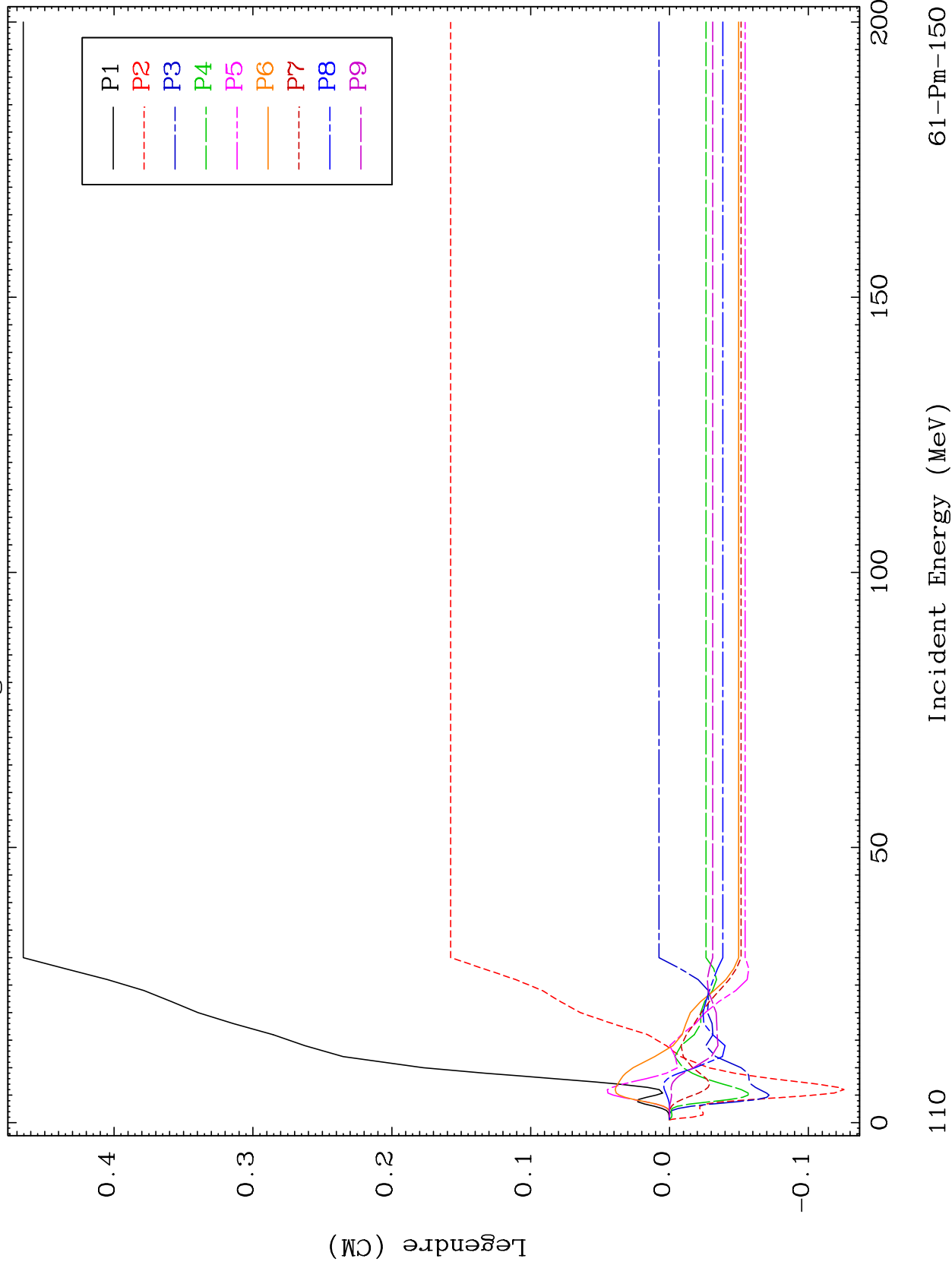




MAT 6158

MT= 77 (n,n') Level  
Legendre Coefficients

61-Pm-150



61-Pm-150

Incident Energy (MeV)

110

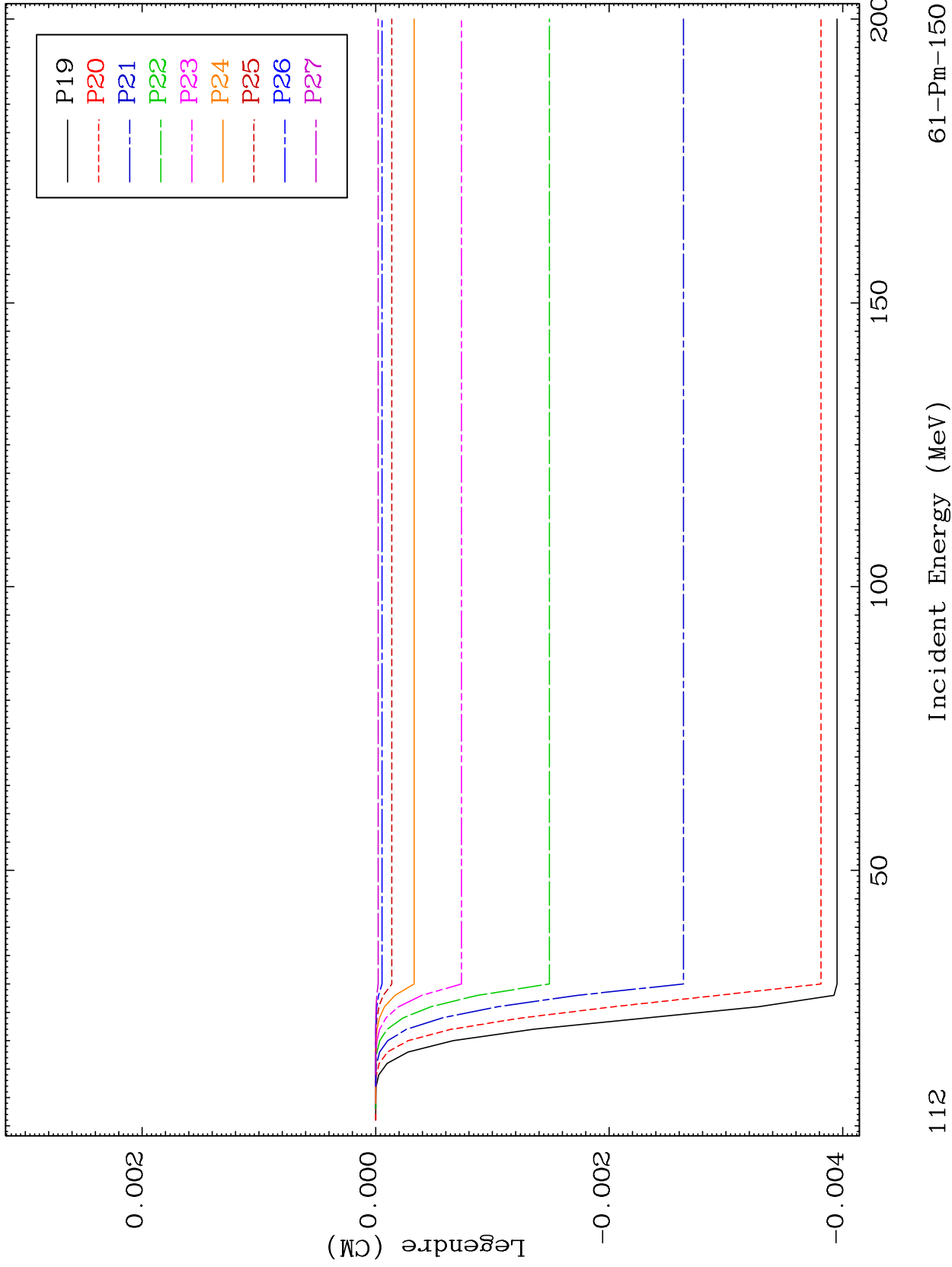




MAT 6158

MT= 77 (n,n') Level  
Legendre Coefficients

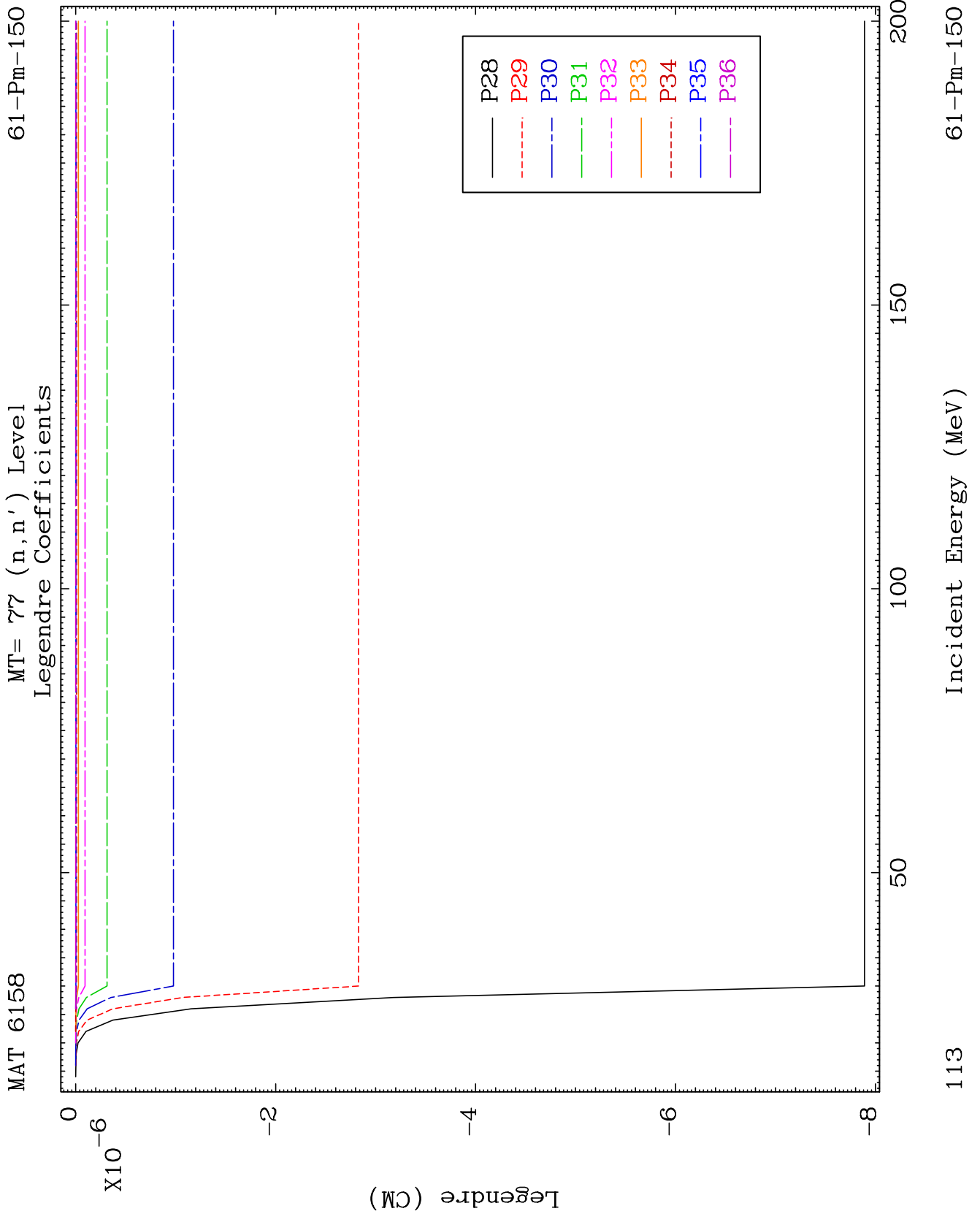
61-Pm-150



112

Incident Energy (MeV)

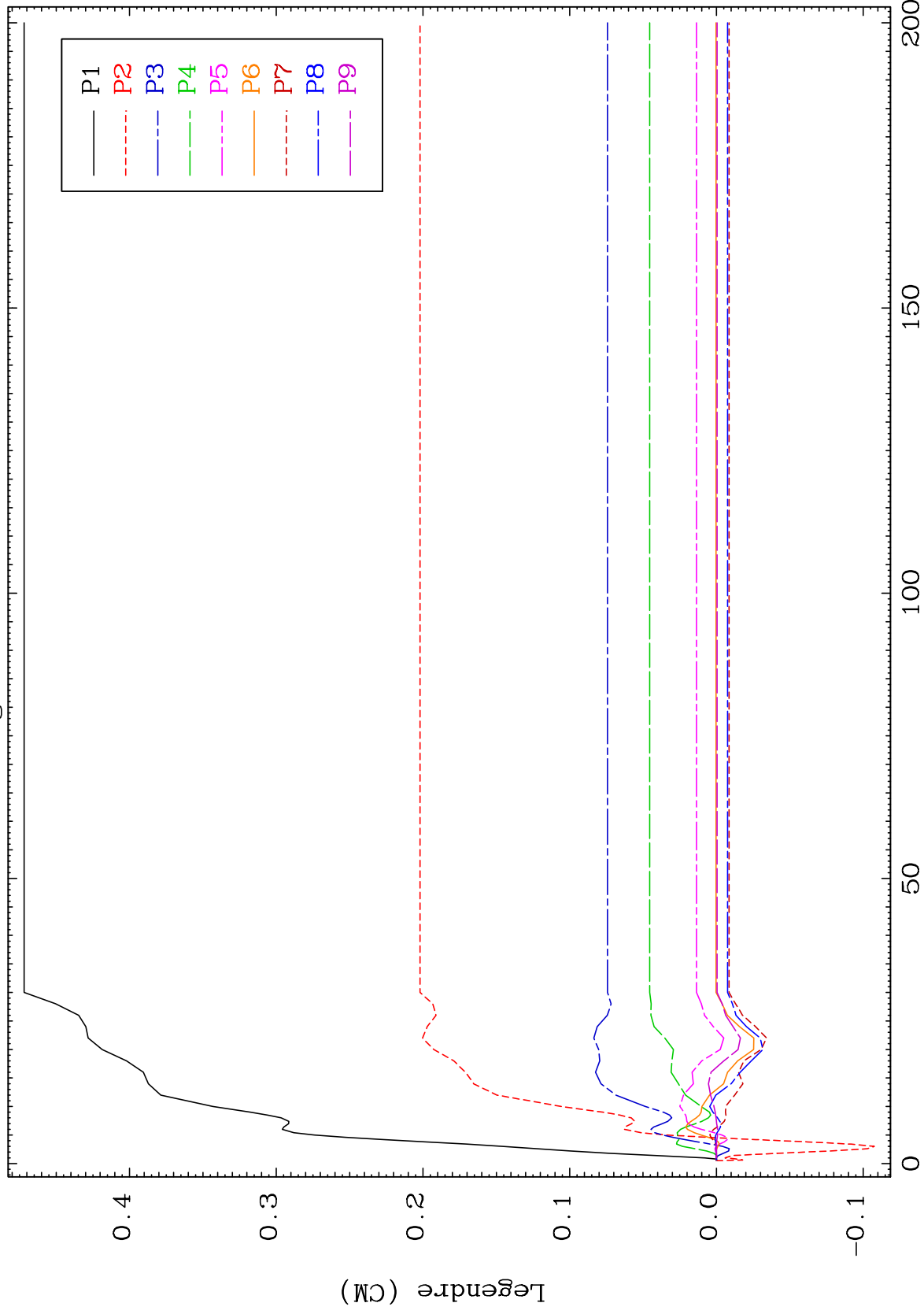
61-Pm-150



MAT 6158

MT= 78 (n,n') Level  
Legendre Coefficients

61-Pm-150



114

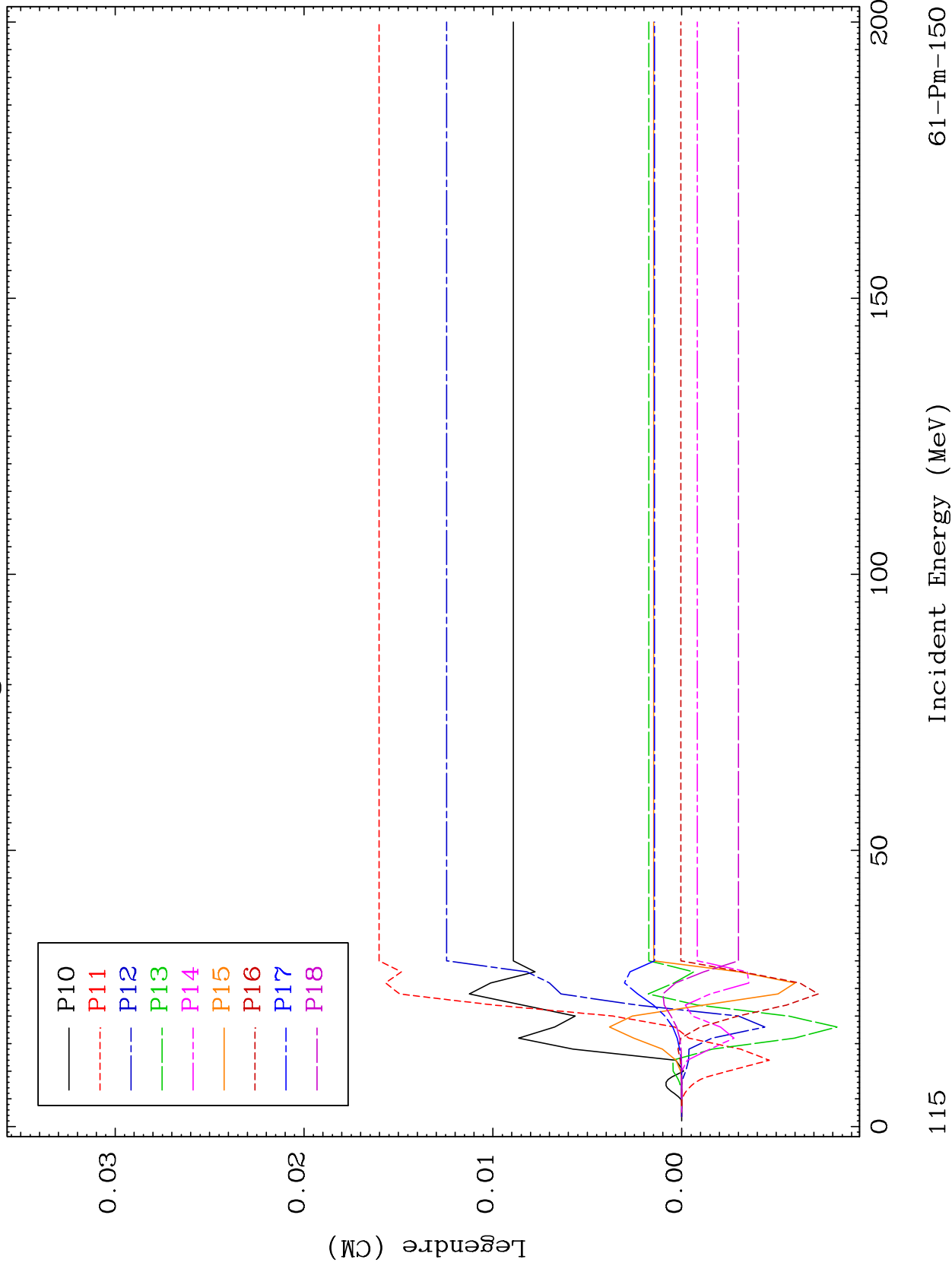
Incident Energy (MeV)

61-Pm-150

MAT 6158

MT= 78 (n,n') Level  
Legendre Coefficients

61-Pm-150



115

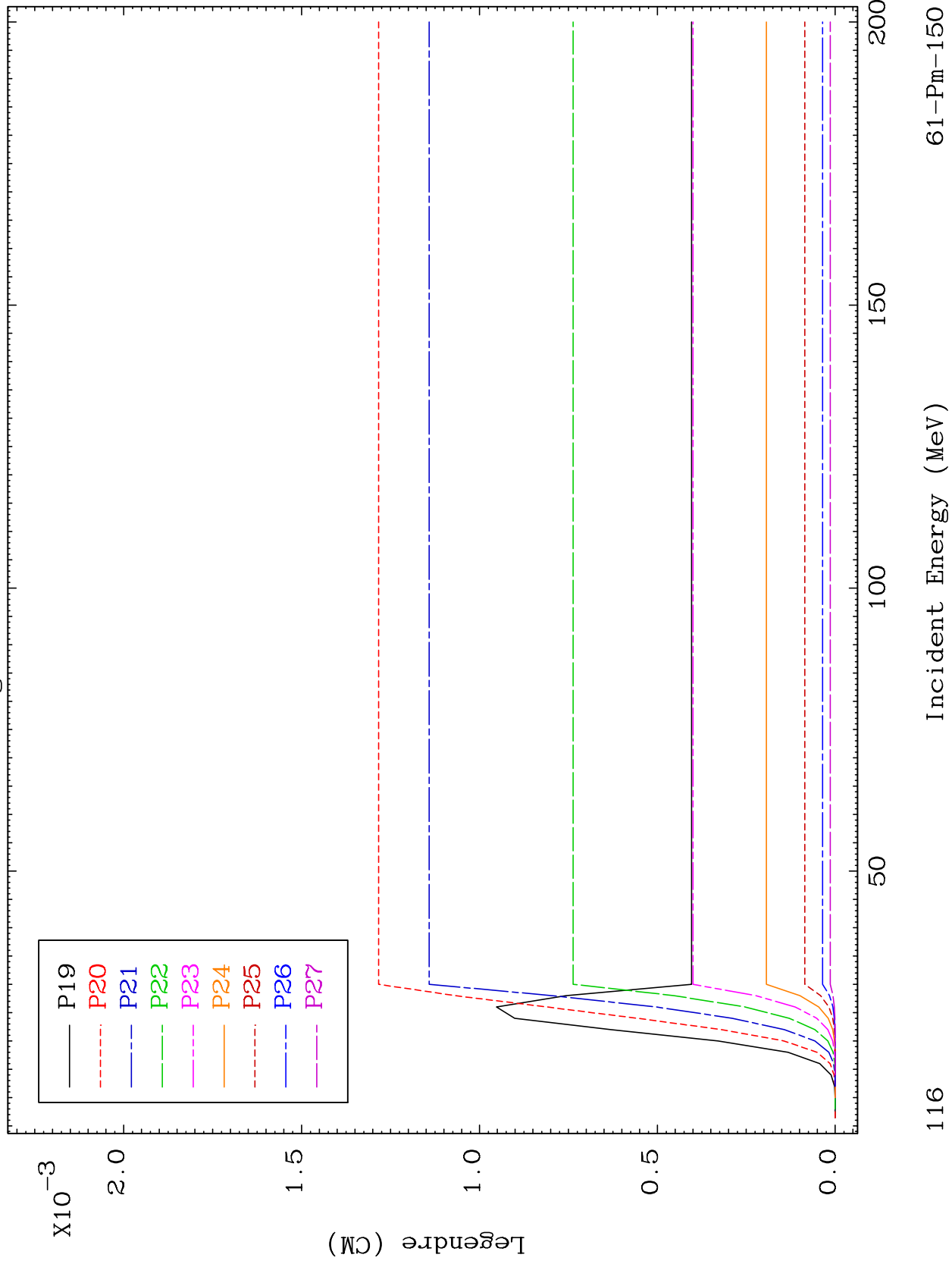
Incident Energy (MeV)

61-Pm-150

MAT 6158

MT= 78 (n,n') Level  
Legendre Coefficients

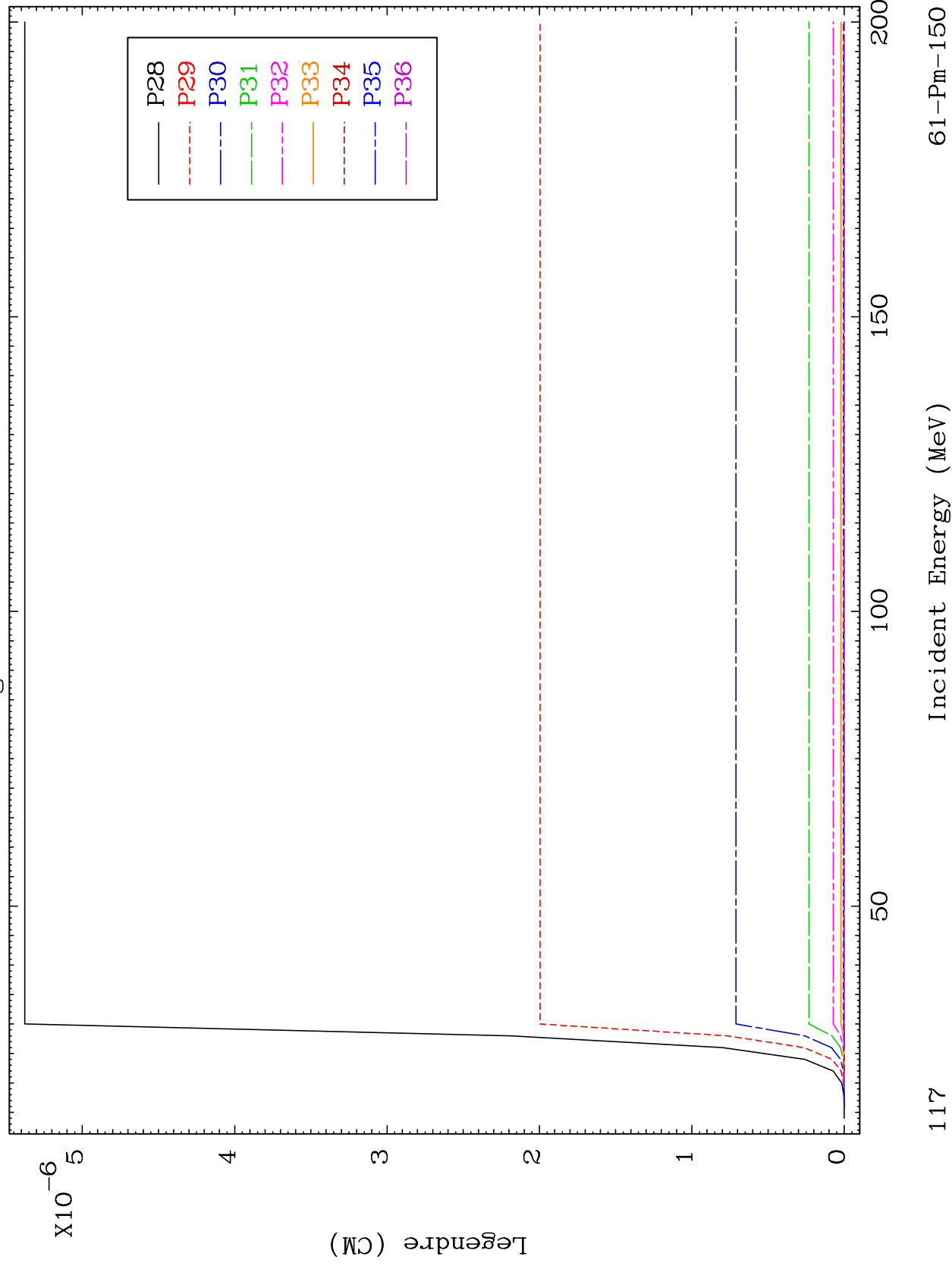
61-Pm-150



MAT 6158

MT= 78 (n,n') Level  
Legendre Coefficients

61-Pm-150



117

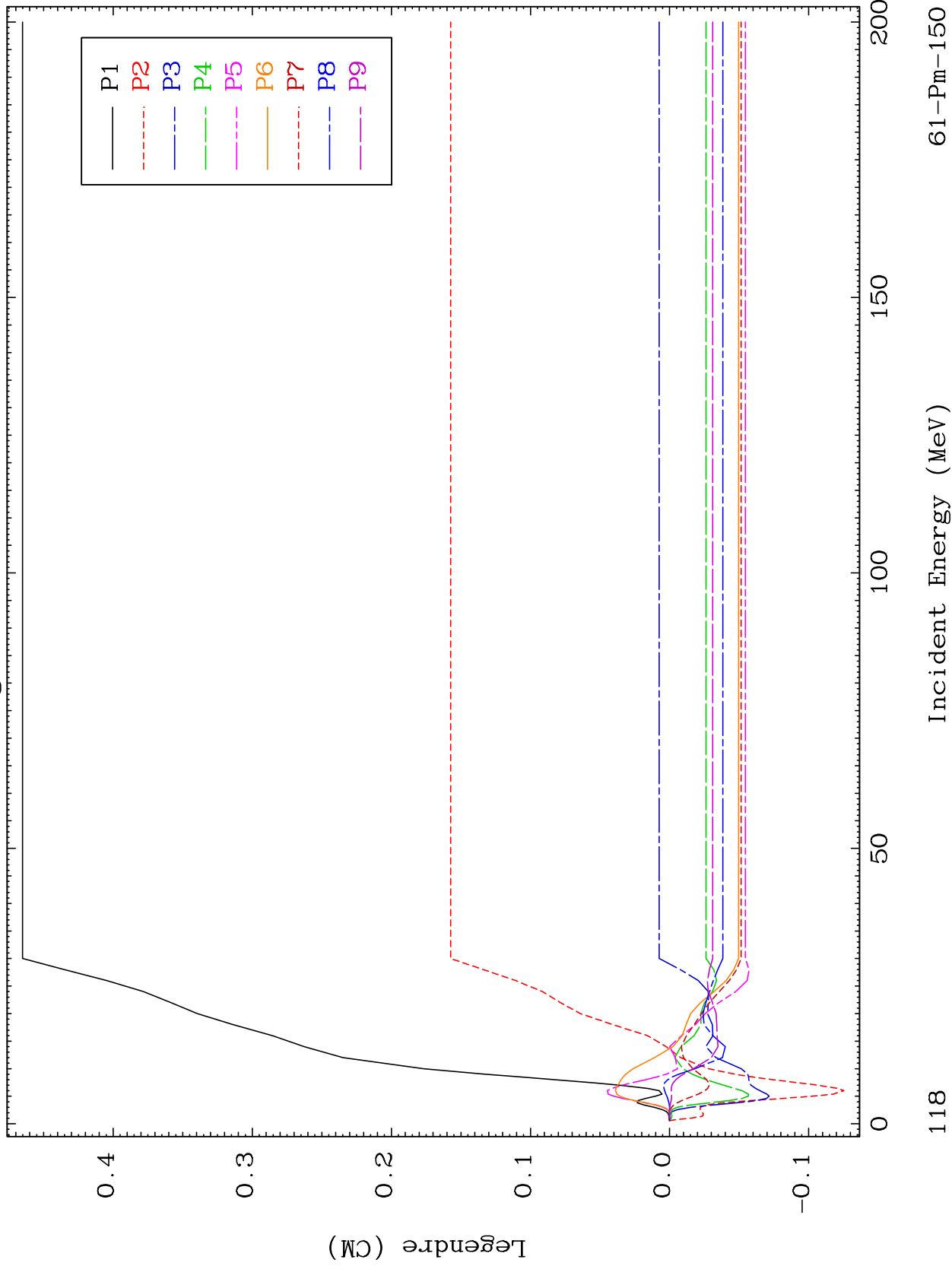
Incident Energy (MeV)

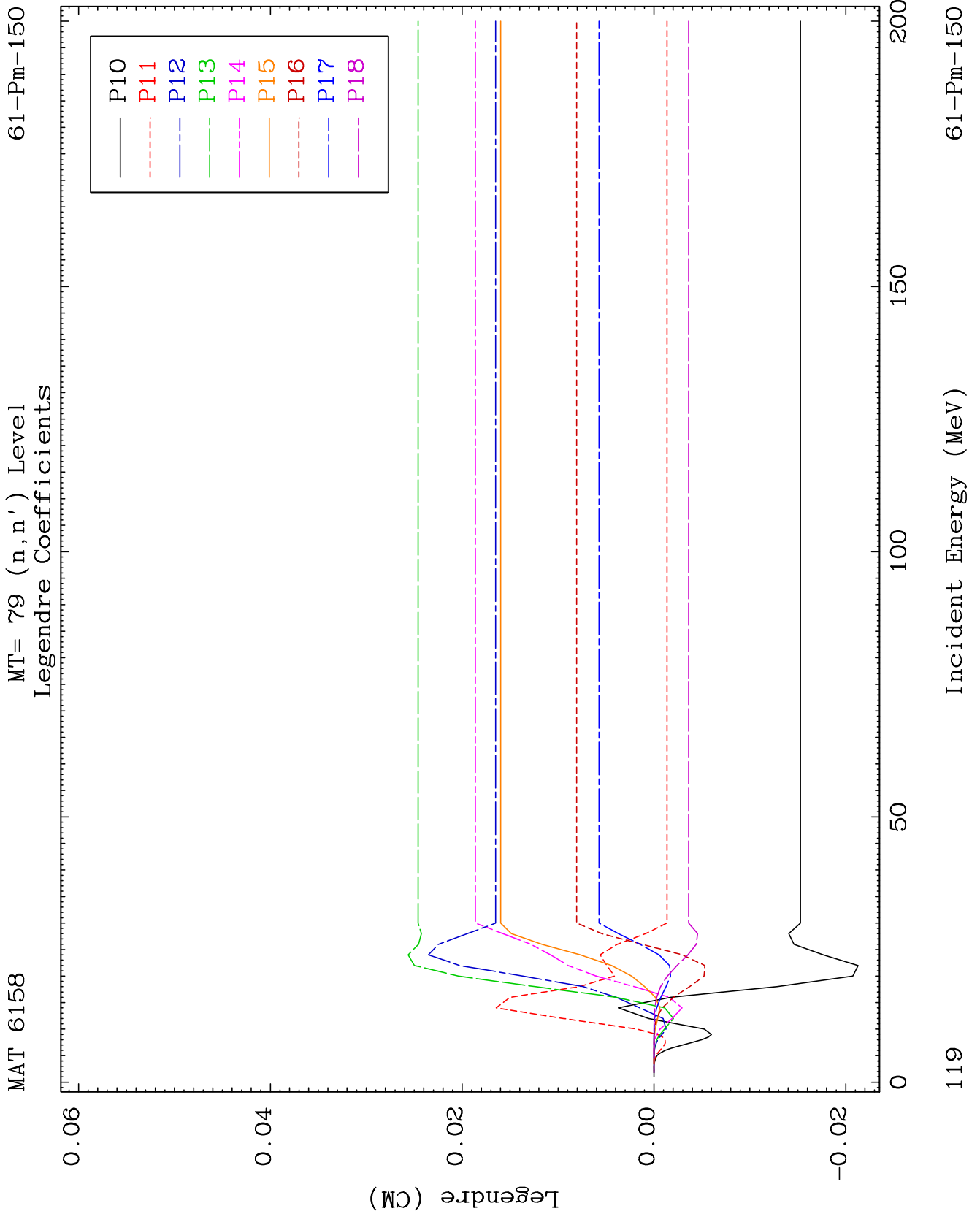
61-Pm-150

MAT 6158

MT= 79 (n,n') Level  
Legendre Coefficients

61-Pm-150



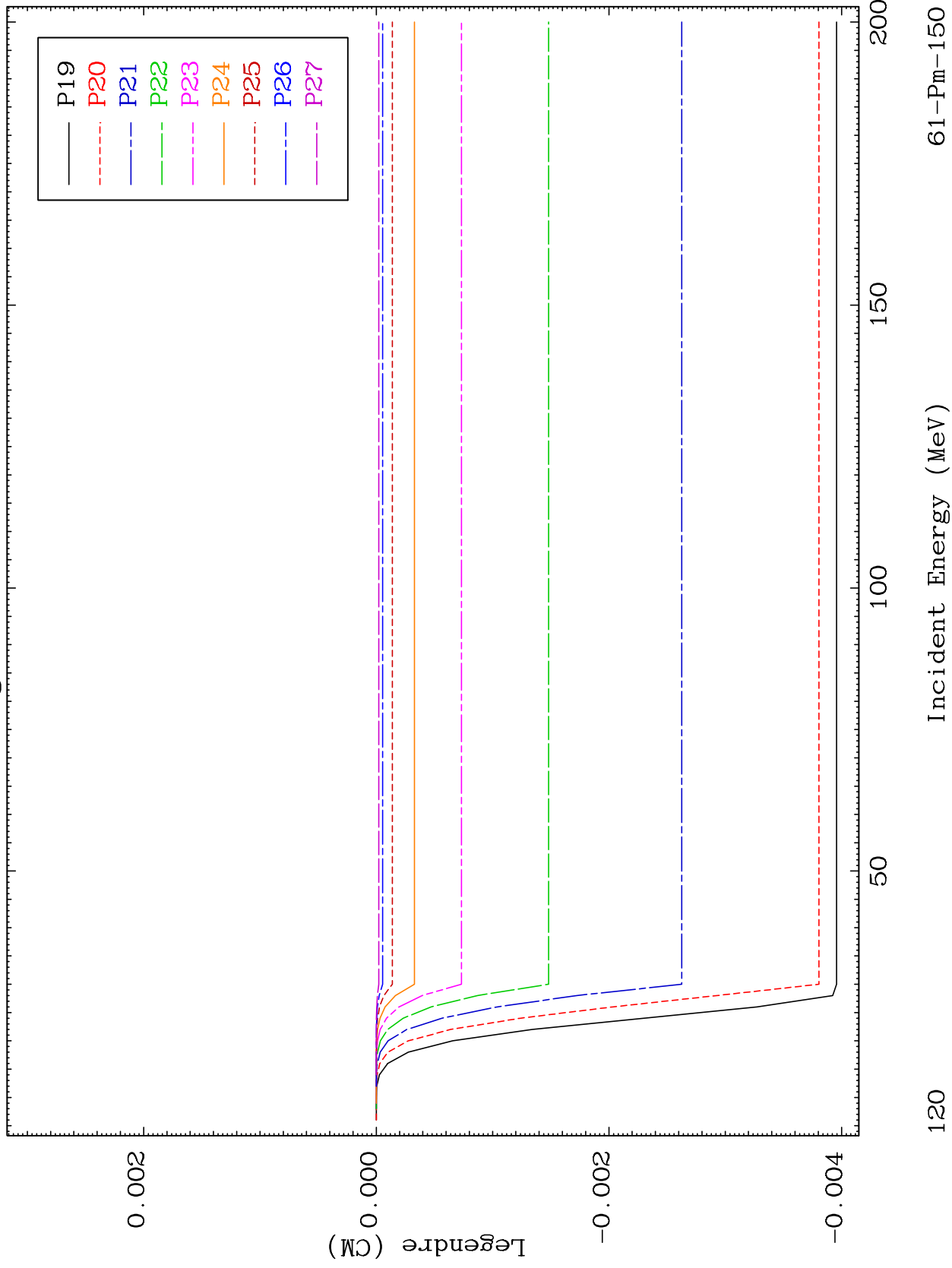




MAT 6158

MT= 79 (n,n') Level  
Legendre Coefficients

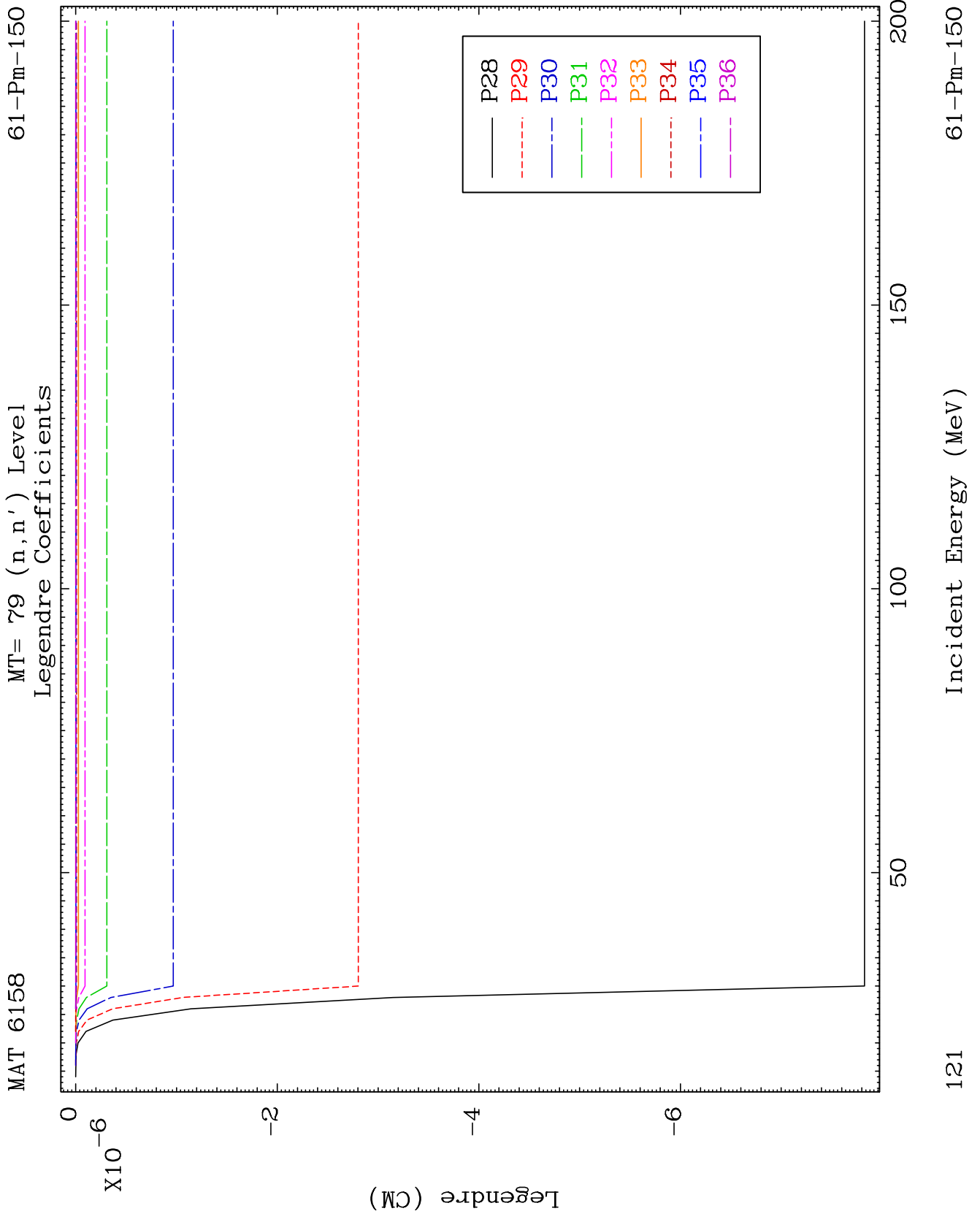
61-Pm-150



120

Incident Energy (MeV)

61-Pm-150

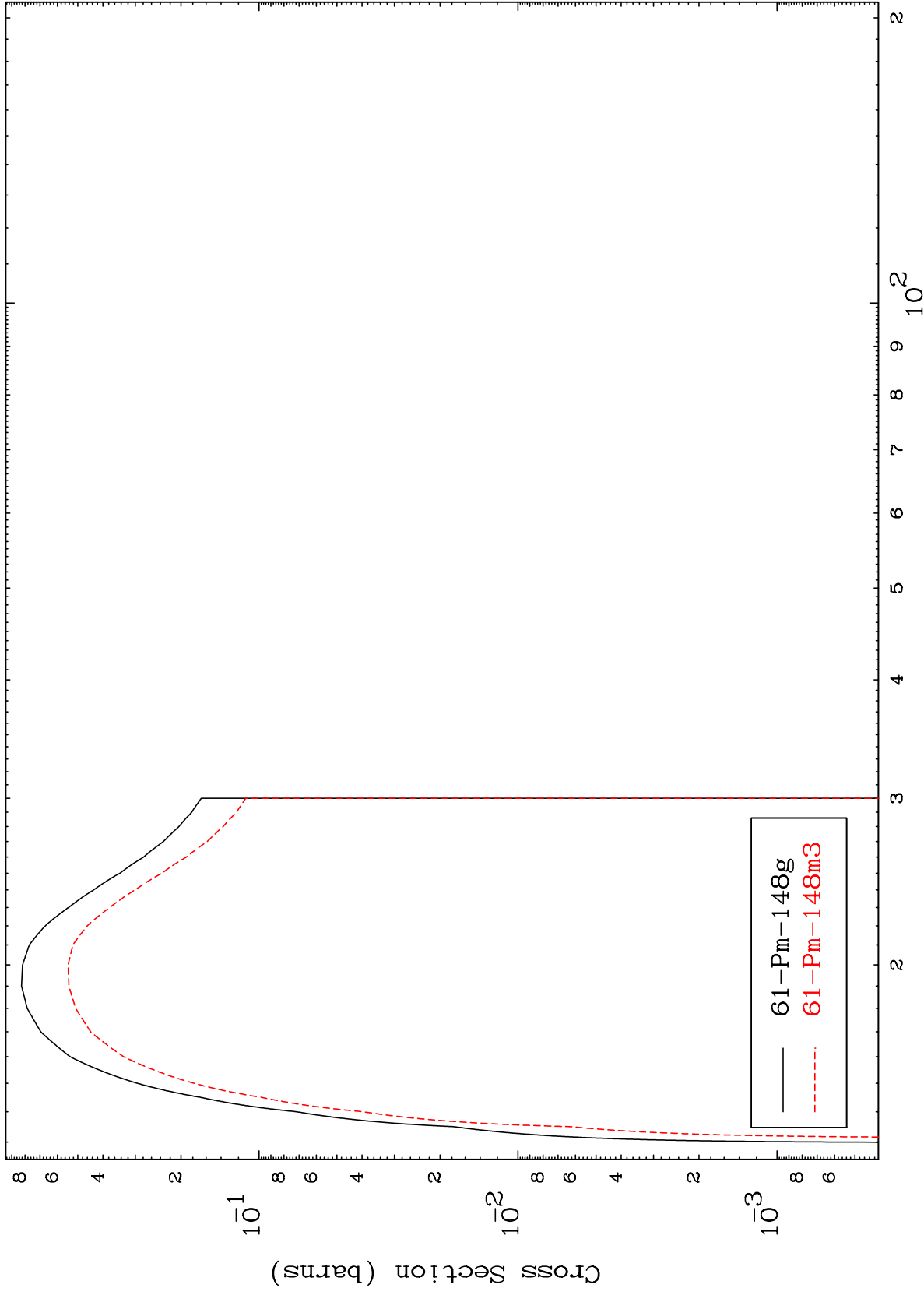


MAT 6158

(n,3n)

61-Pm-150

Radionuclide Production Cross Section



122

Incident Energy (MeV)

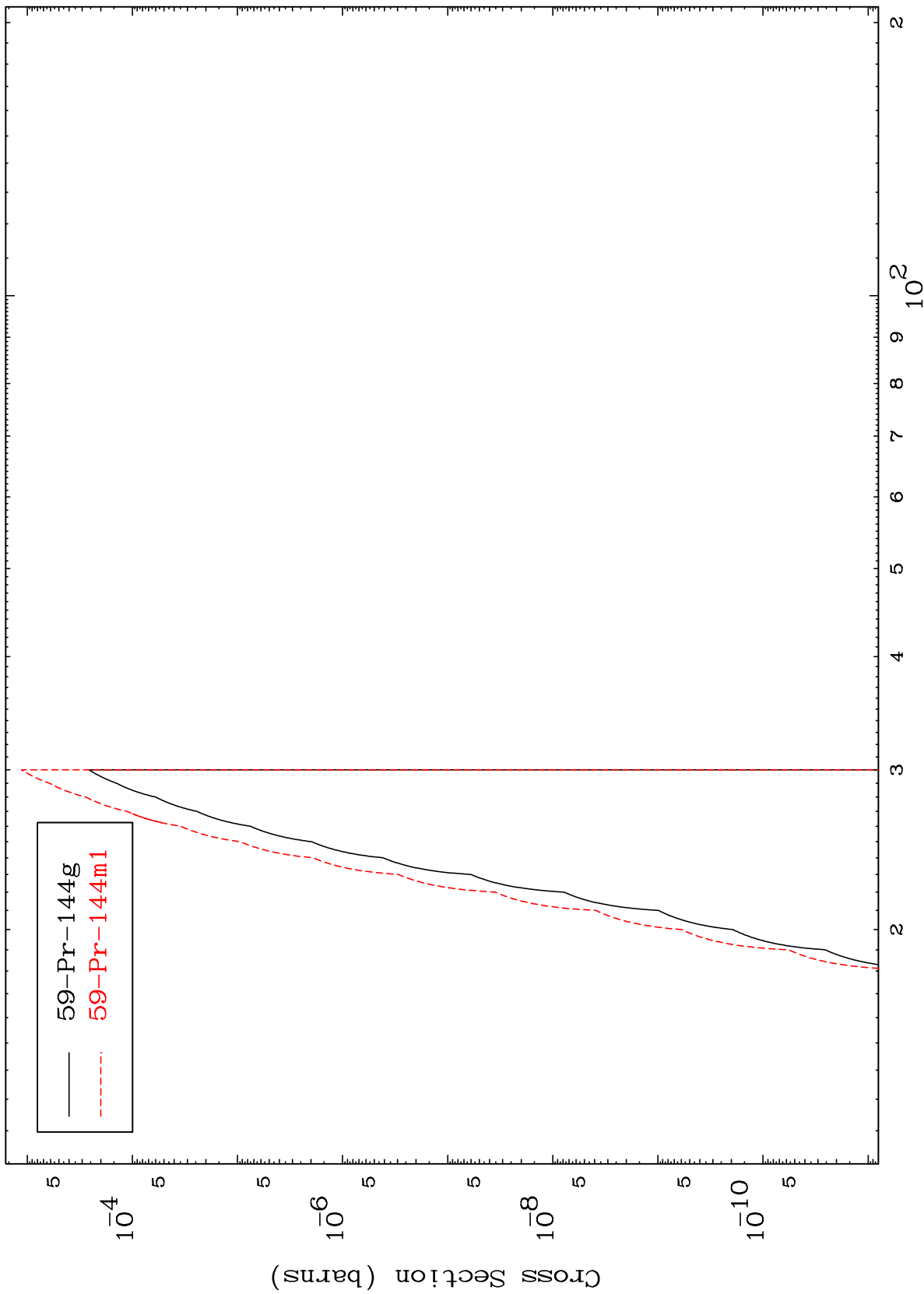
61-Pm-150

MAT 6158

(n,3n)  $\alpha$

61-Pm-150

Radionuclide Production Cross Section



123

Incident Energy (MeV)

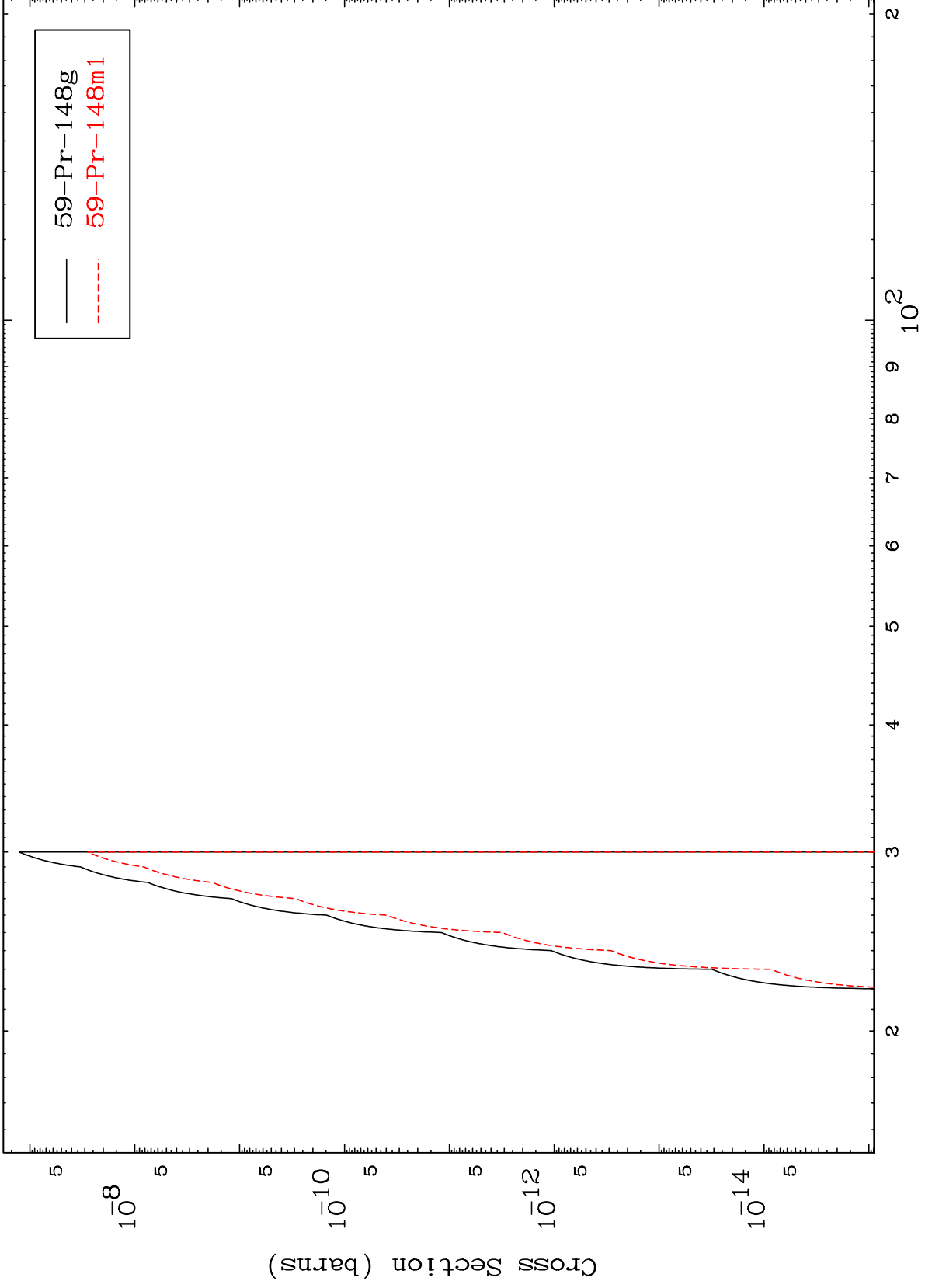
61-Pm-150

MAT 6158

(n,2n) p

61-Pm-150

Radionuclide Production Cross Section



124

Incident Energy (MeV)

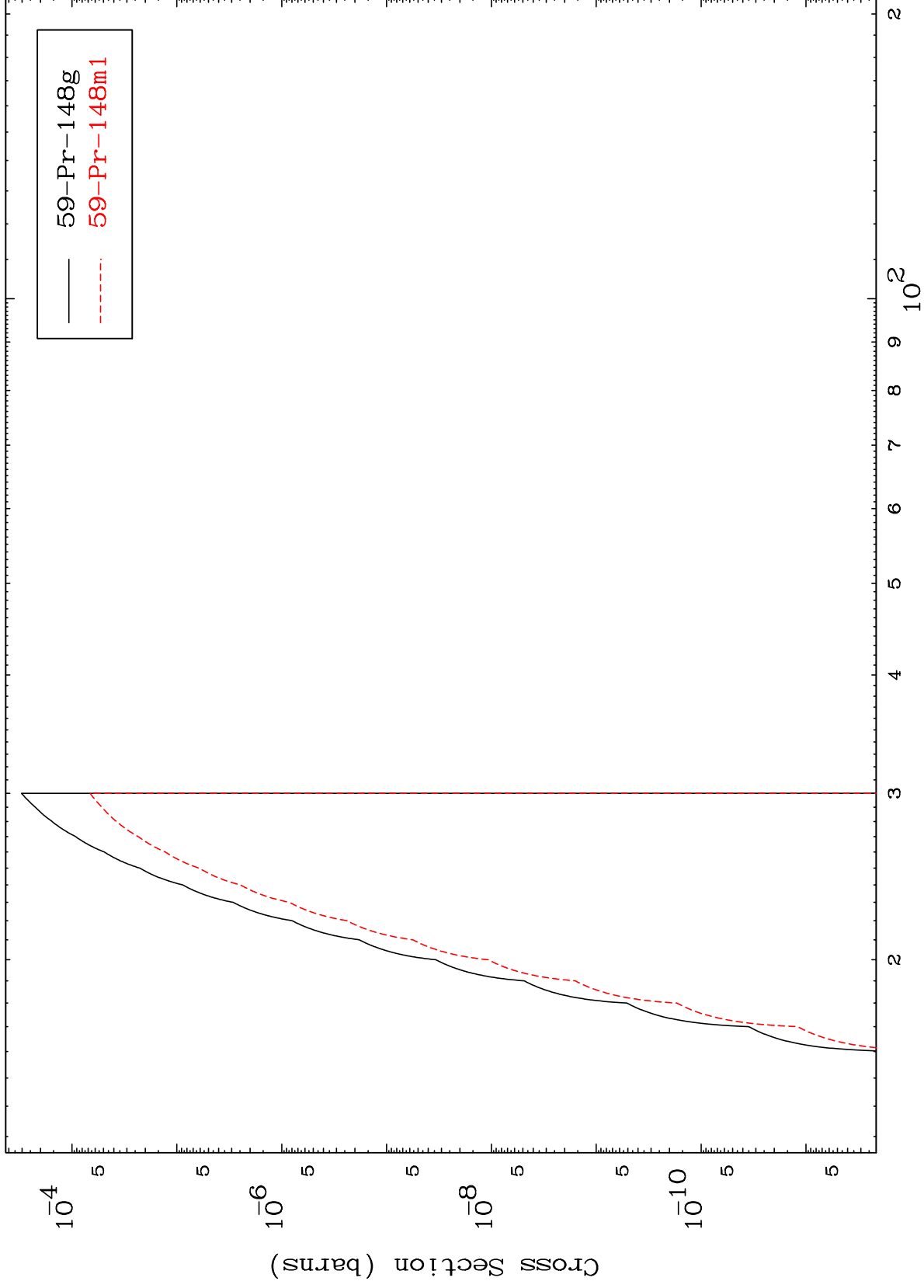
61-Pm-150

MAT 6158

(n,He-3)

61-Pm-150

Radionuclide Production Cross Section



125

Incident Energy (MeV)

61-Pm-150