

Program EVALPLOT  
(Version 2021-1)

by

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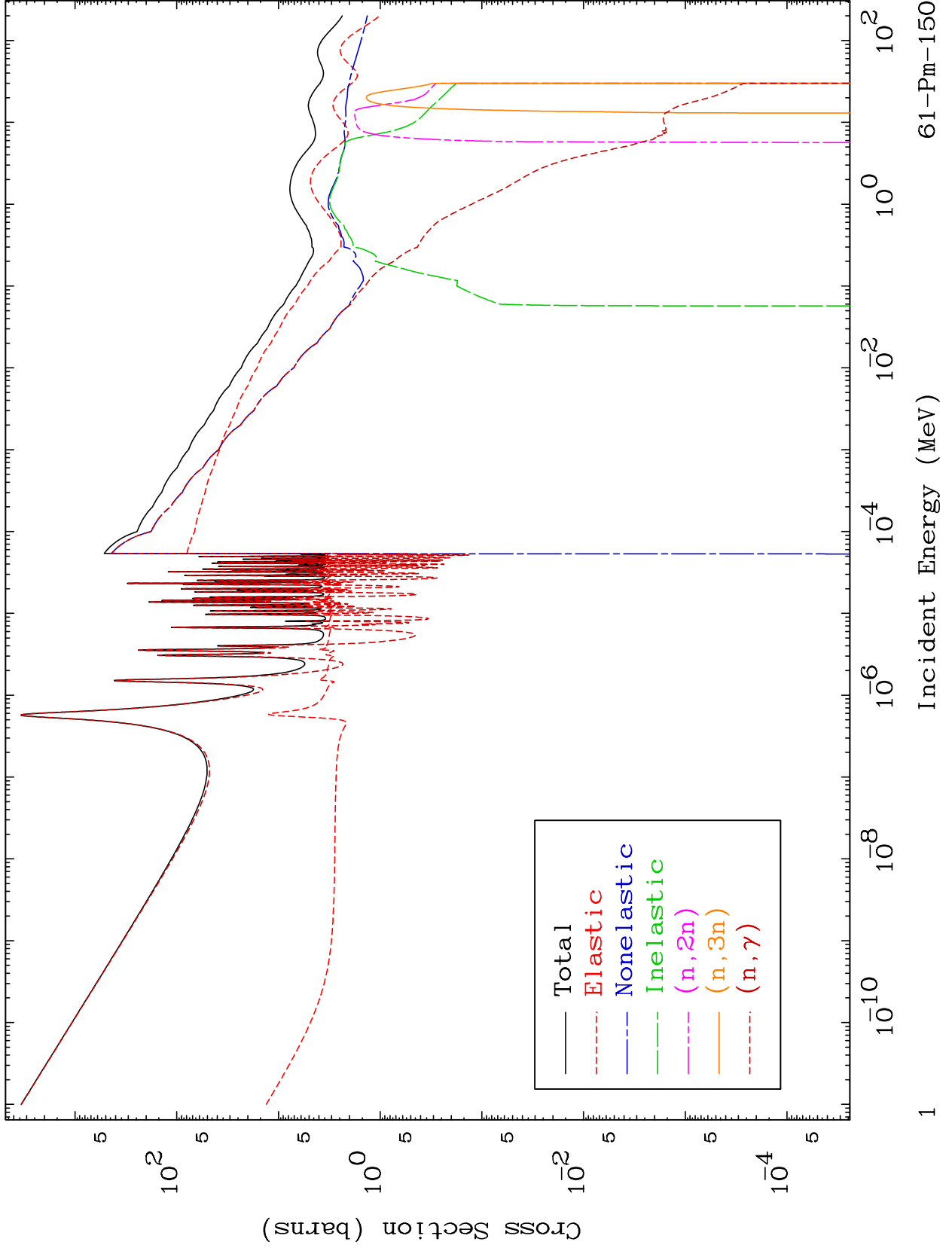
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6158

Neutron Major  
293 Kelvin Cross Sections

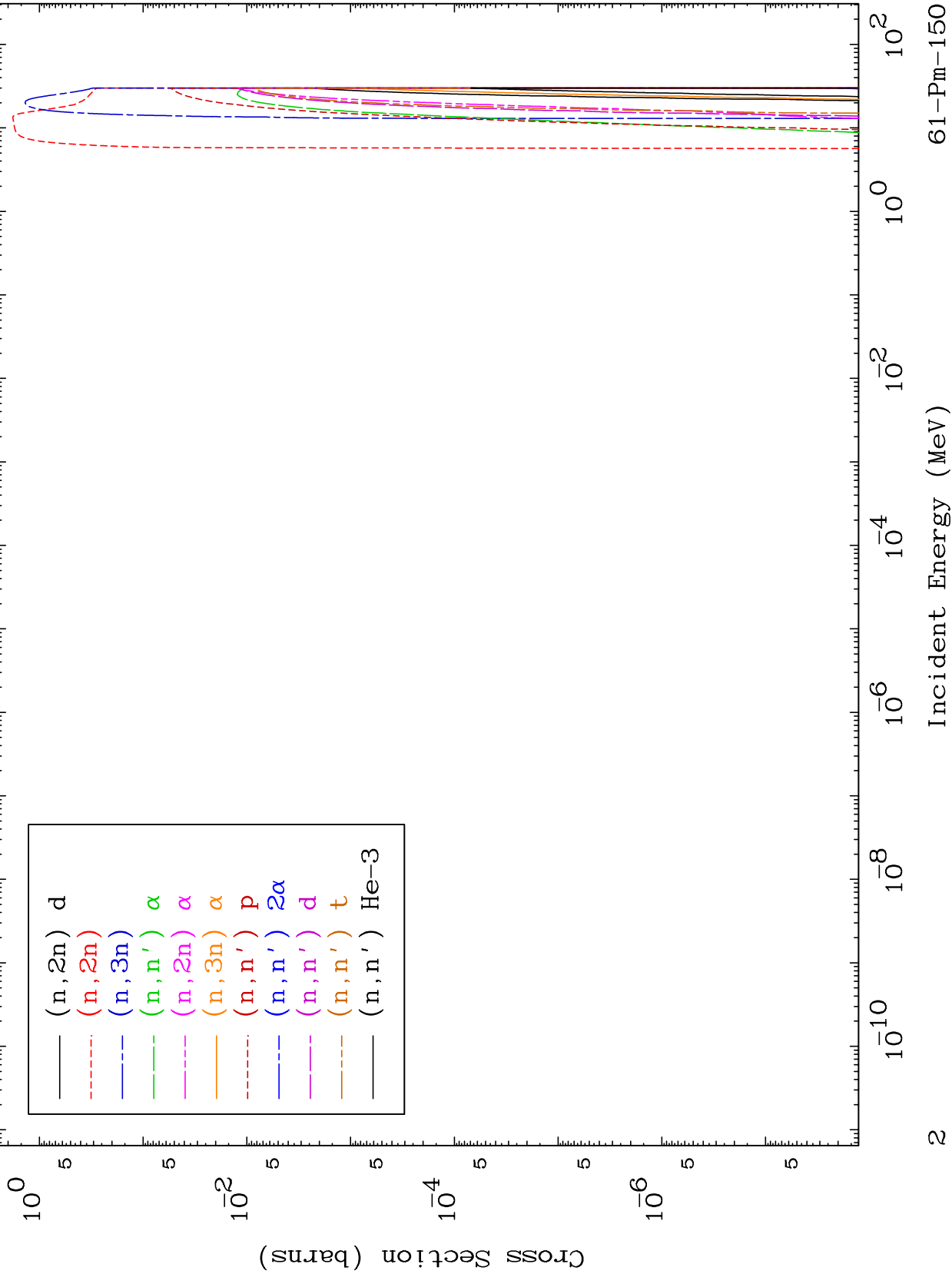
61-Pm-150



MAT 6158

Neutron Absorption  
293 Kelvin Cross Sections

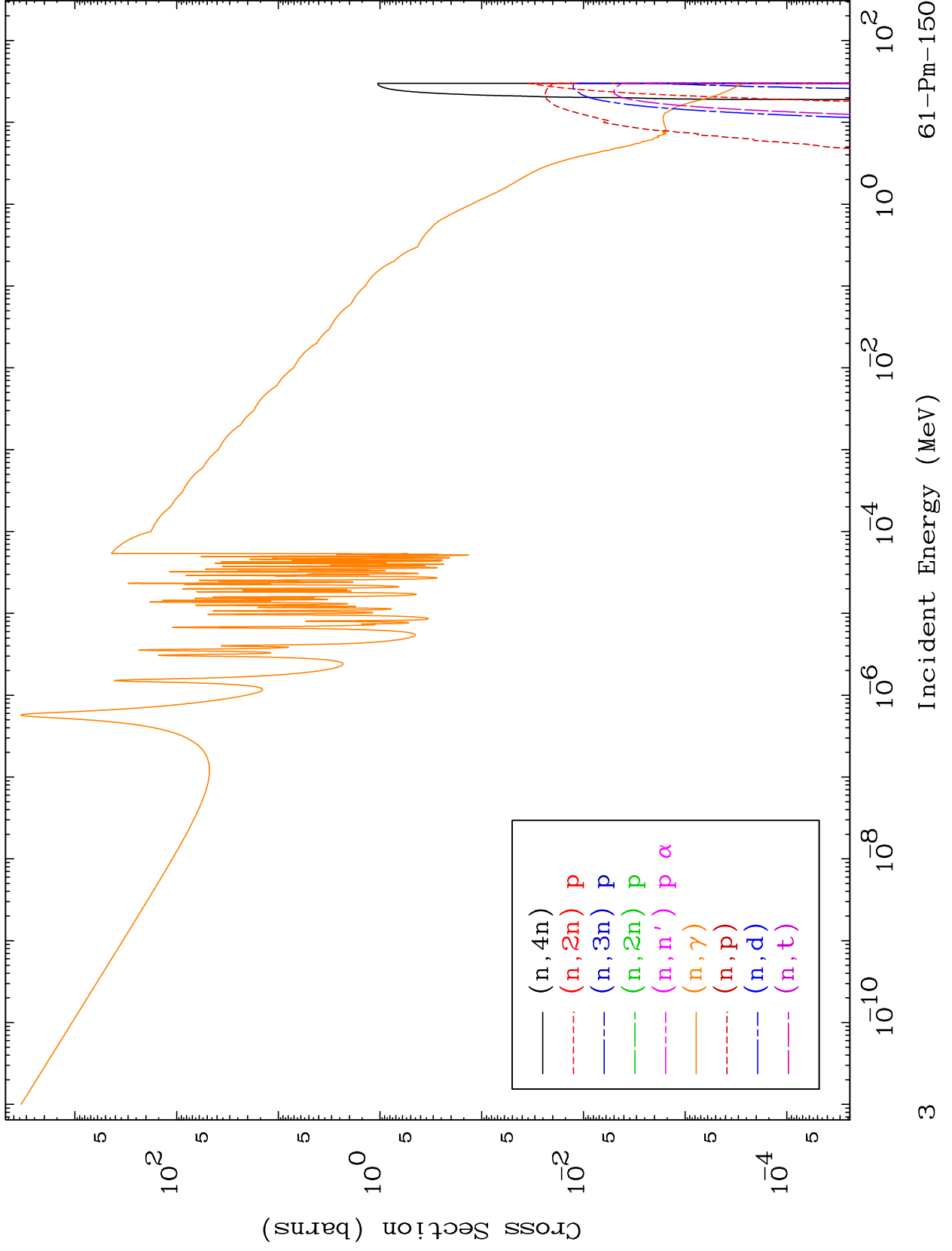
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MAT 6158

Neutron Absorption  
293 Kelvin Cross Sections

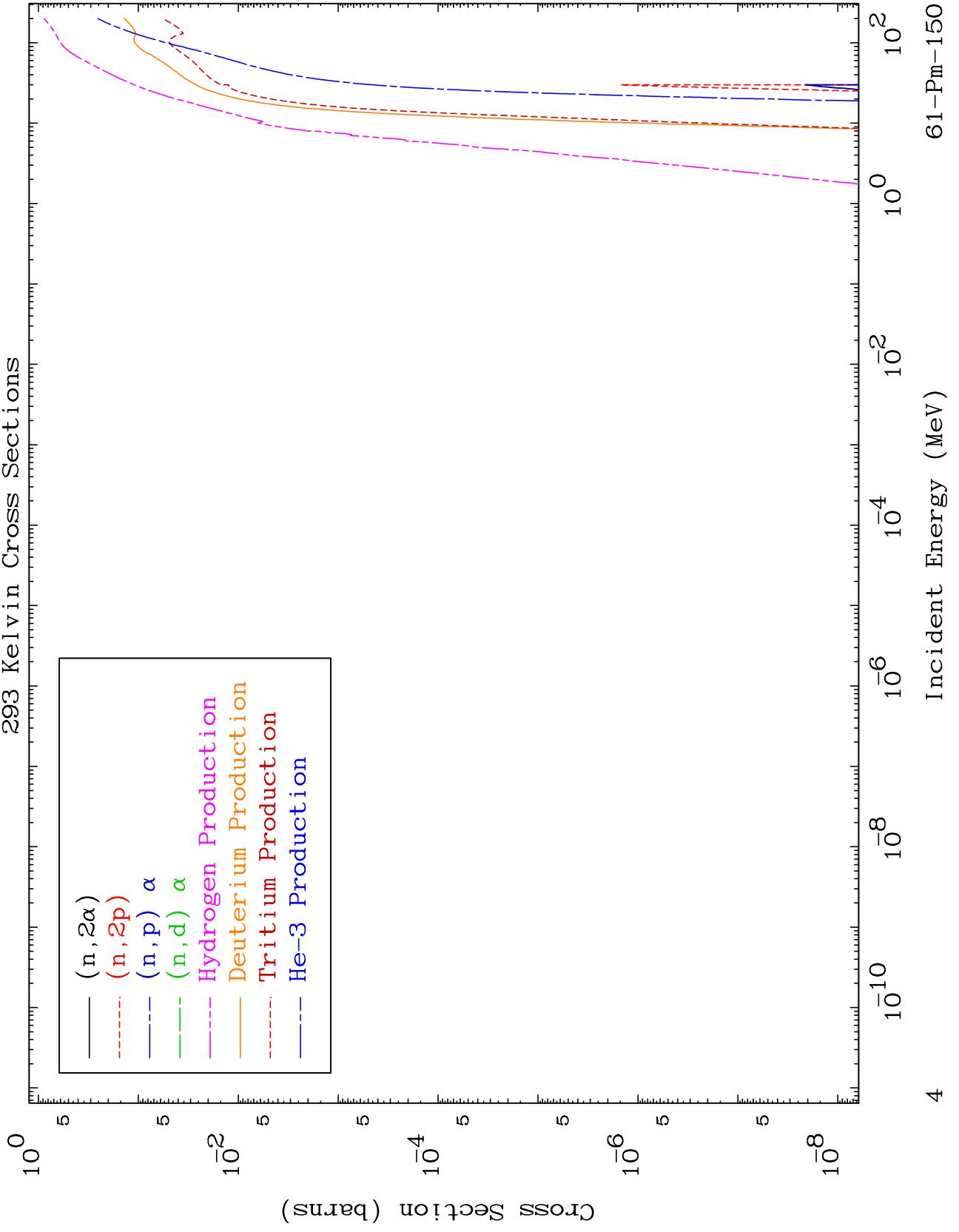
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MAT 6158

Neutron Absorption  
293 Kelvin Cross Sections

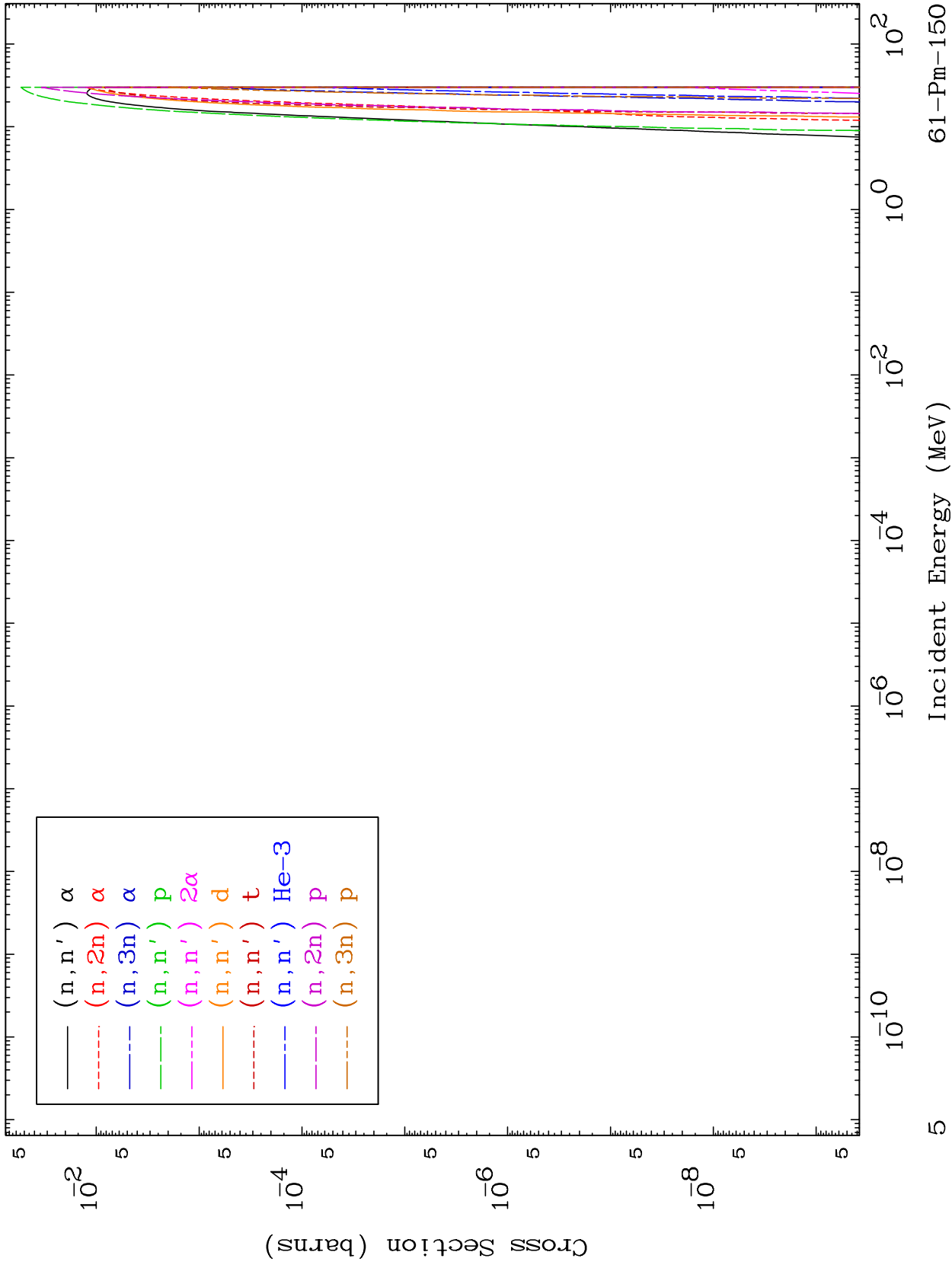
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MAT 6158

Charged Particle  
293 Kelvin Cross Sections

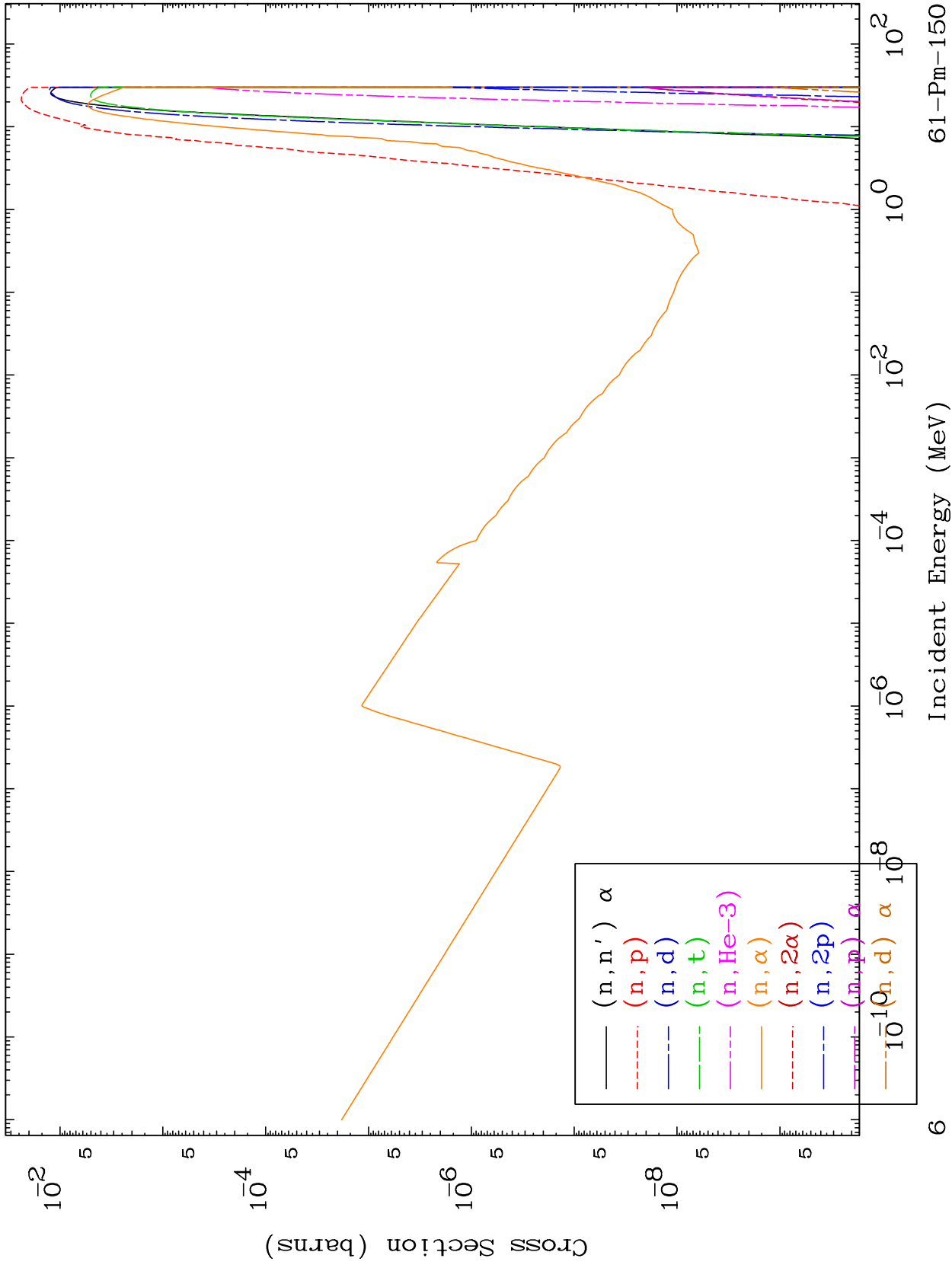
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MAT 6158

Charged Particle  
293 Kelvin Cross Sections

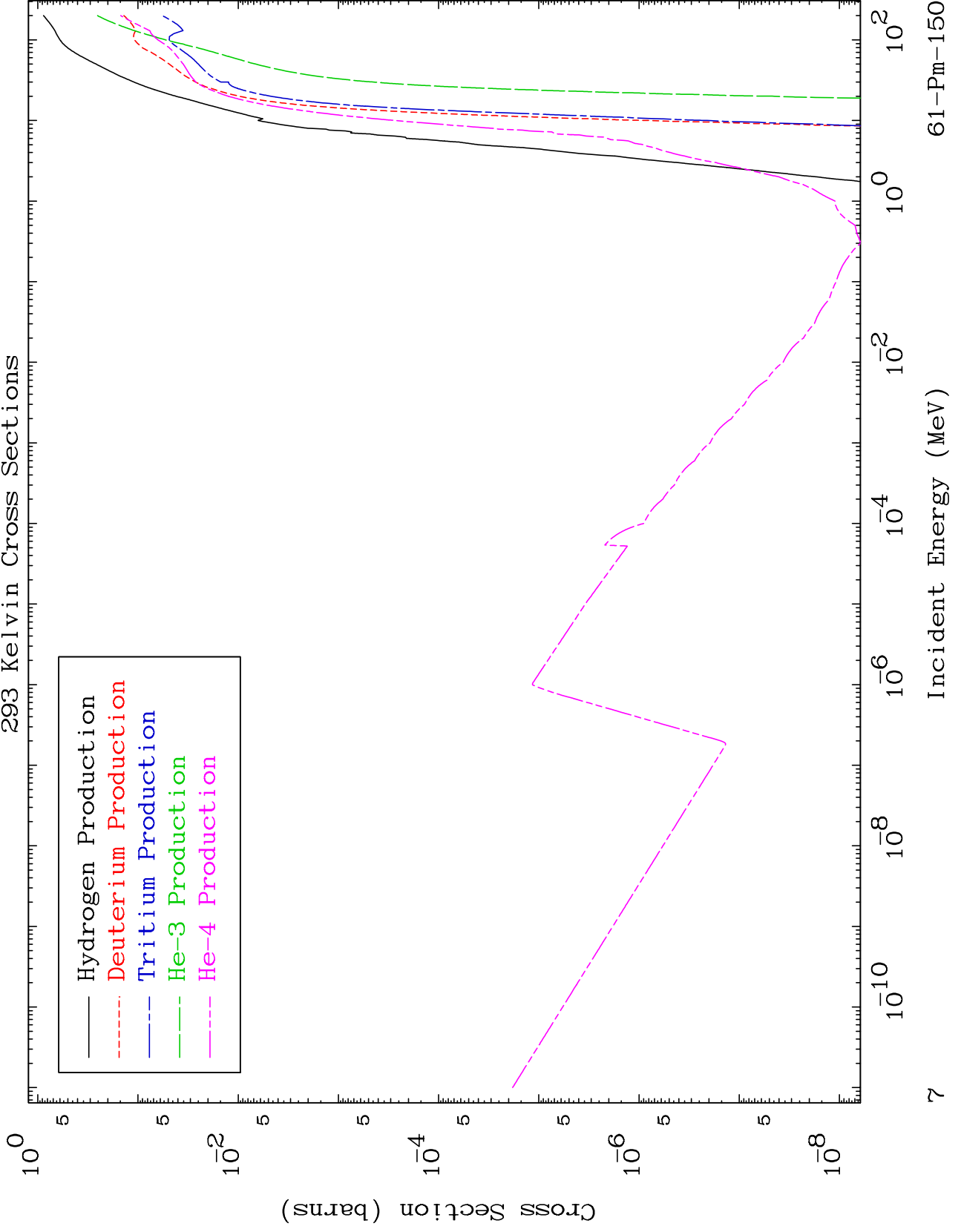
61-Pm-150



MAT 6158

Particle Production  
293 Kelvin Cross Sections

61-Pm-150

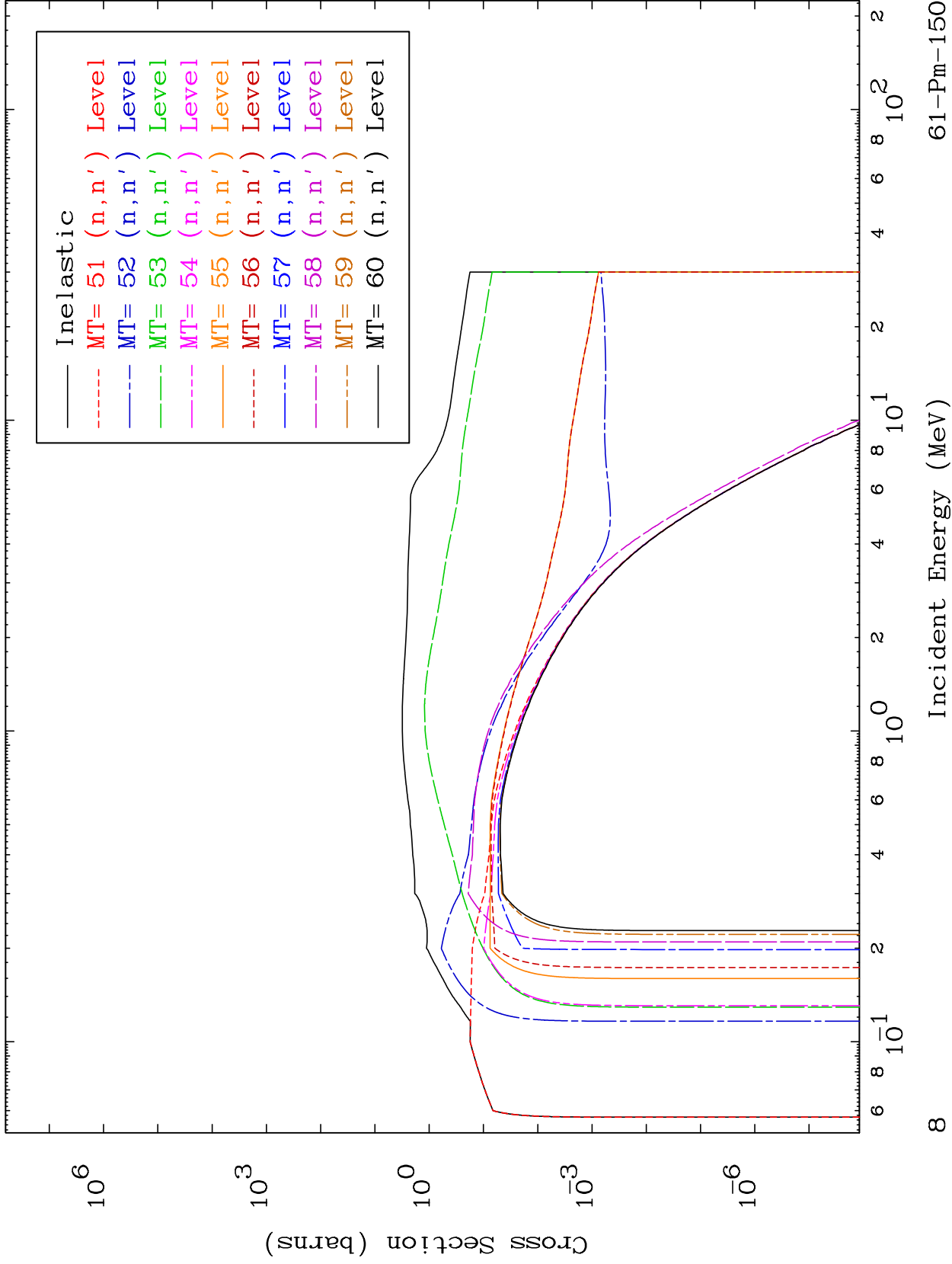


MAT 6158

(n,n') Levels

293 Kelvin Cross Sections

61-Pm-150

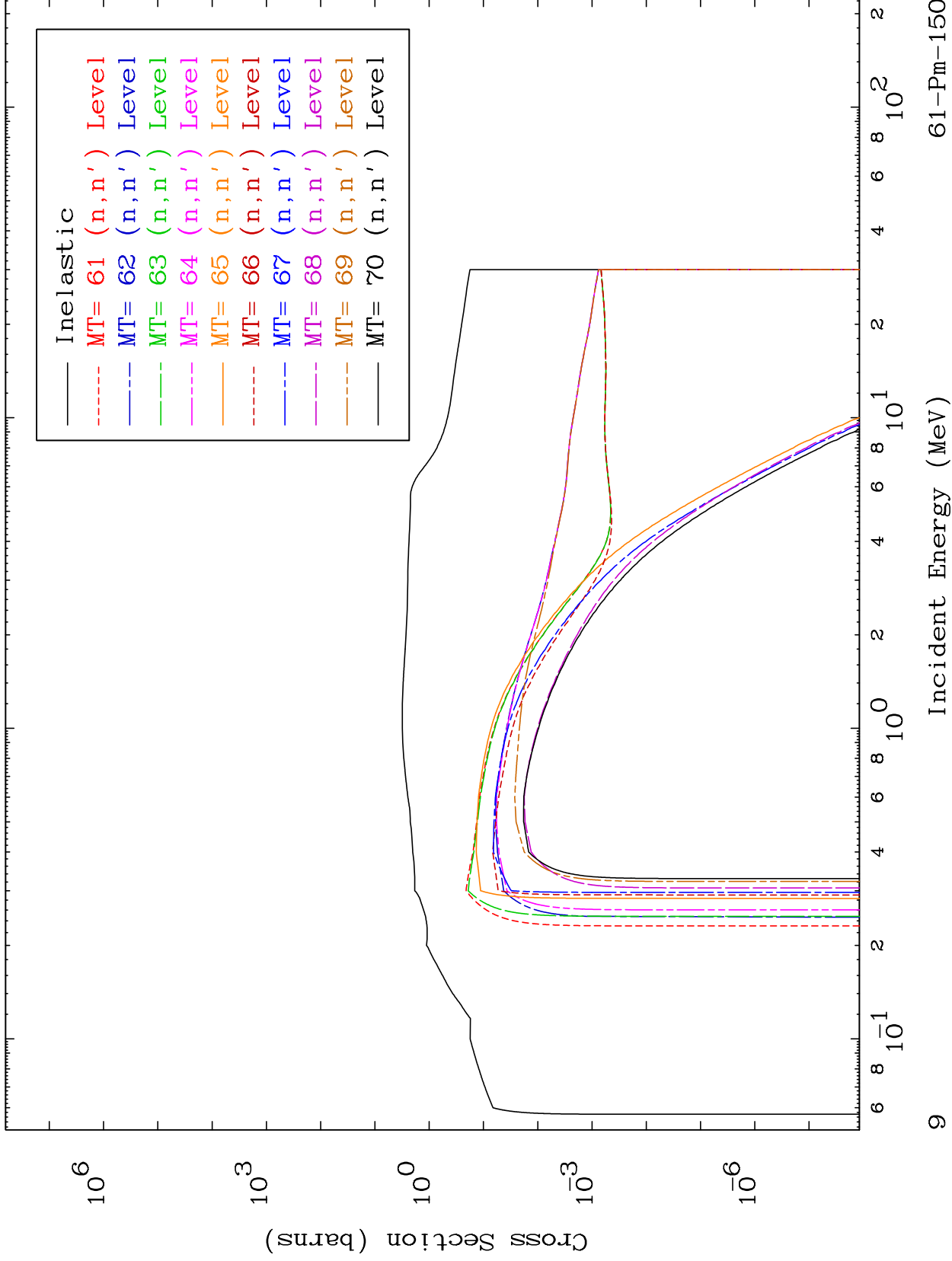


MAT 6158

(n,n') Levels

61-Pm-150

293 Kelvin Cross Sections

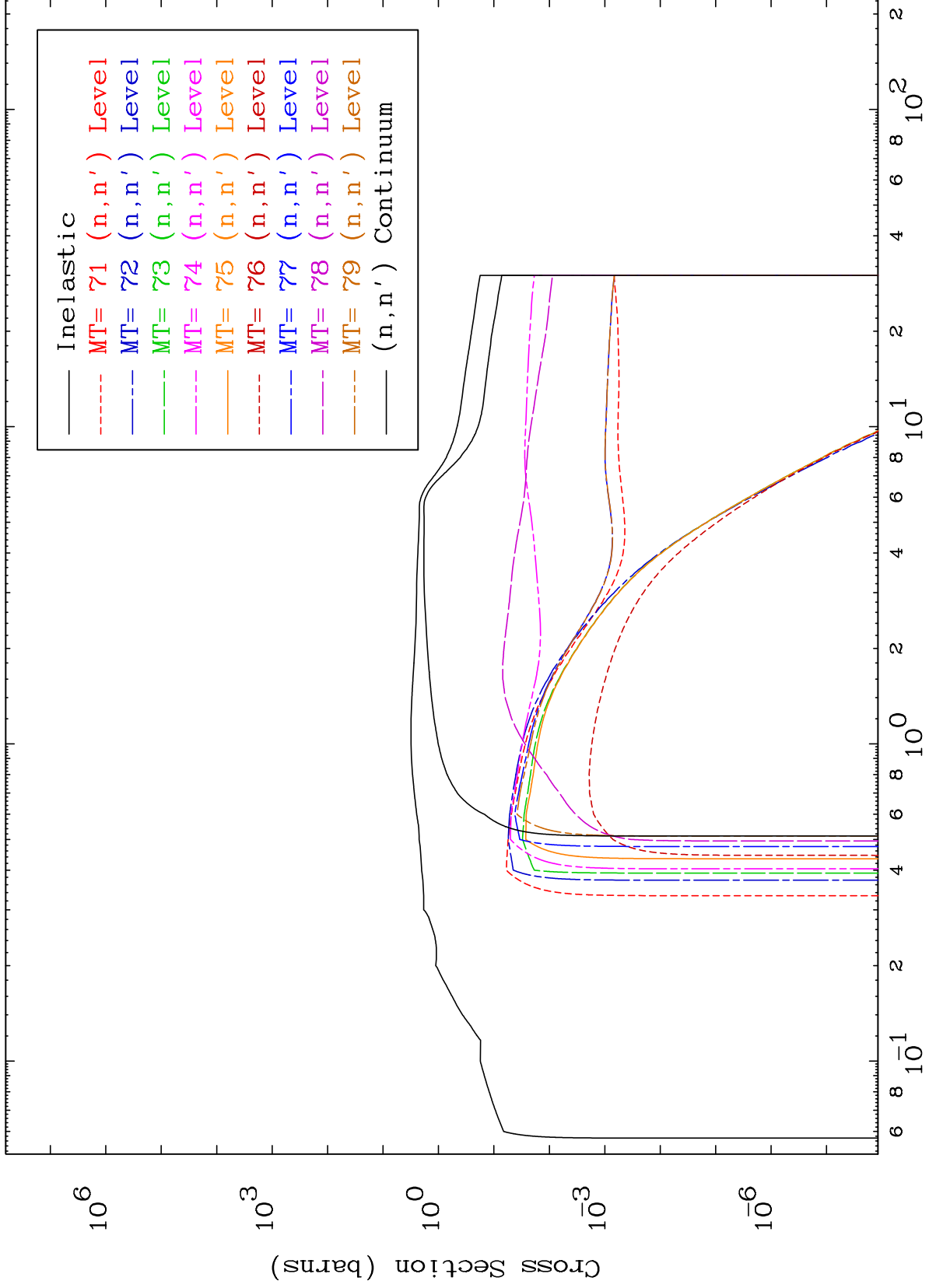


MAT 6158

(n,n') Levels

293 Kelvin Cross Sections

61-Pm-150



10

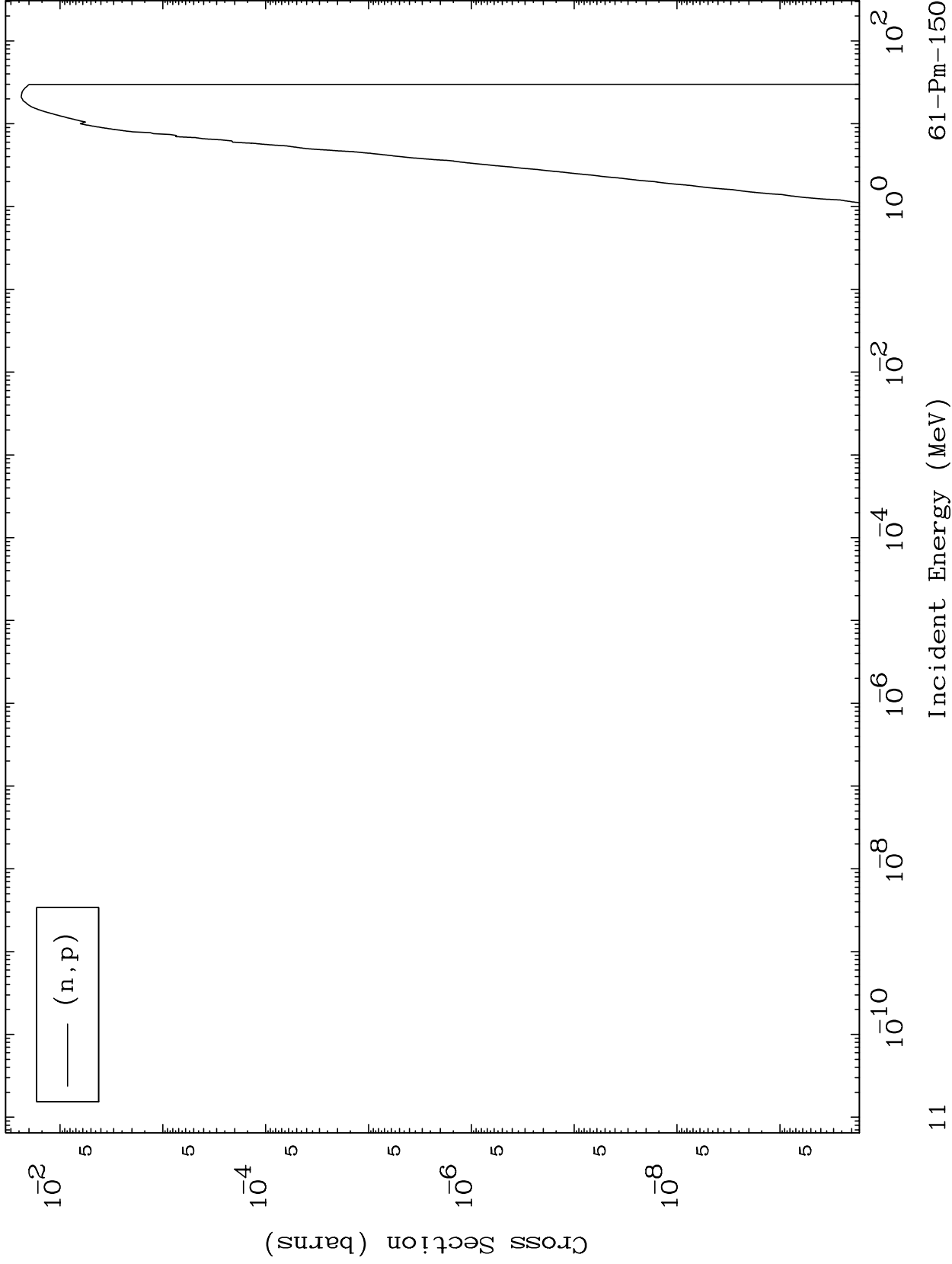
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,p) Levels  
293 Kelvin Cross Sections

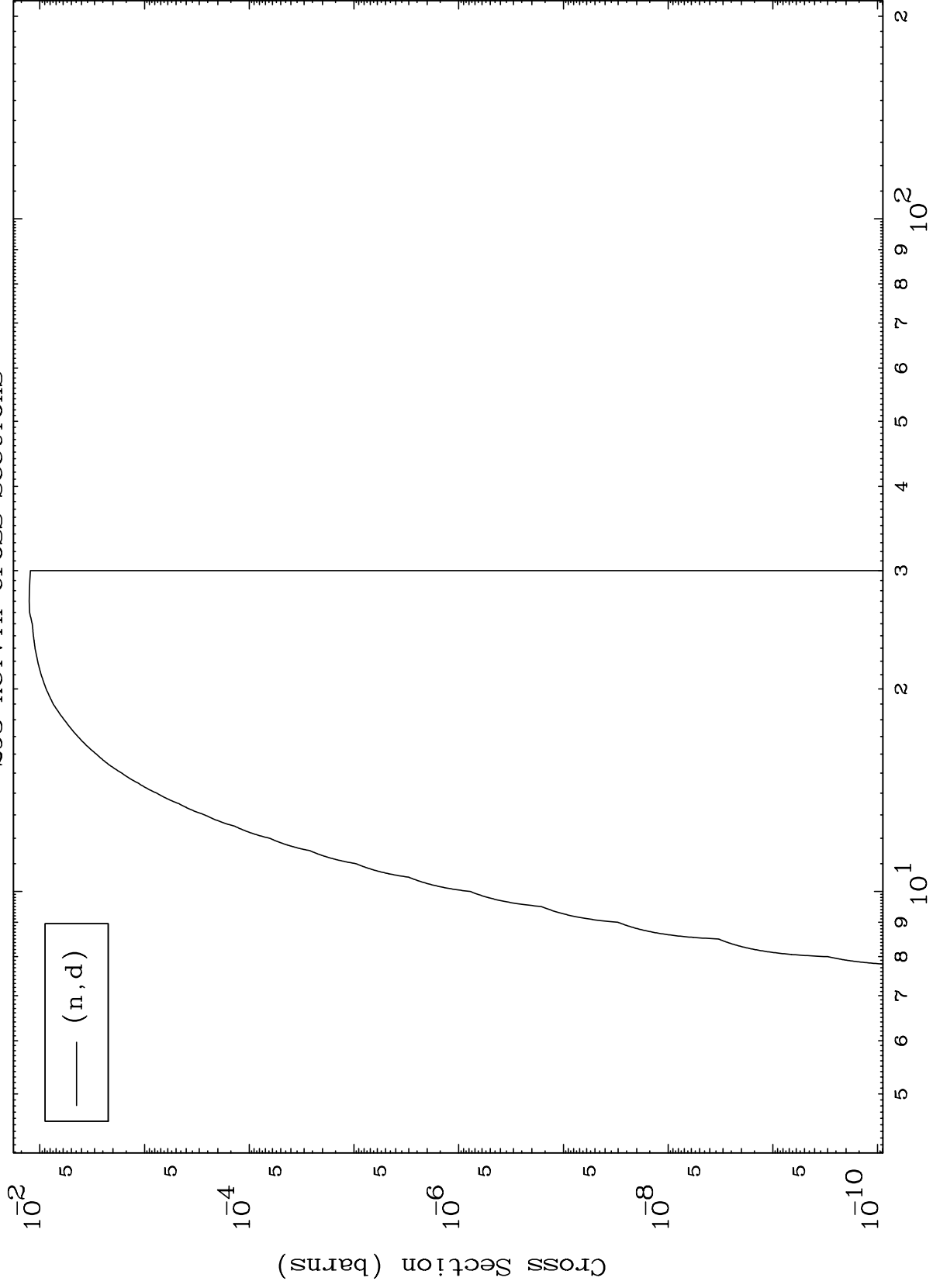
61-Pm-150



MAT 6158

(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-150



12

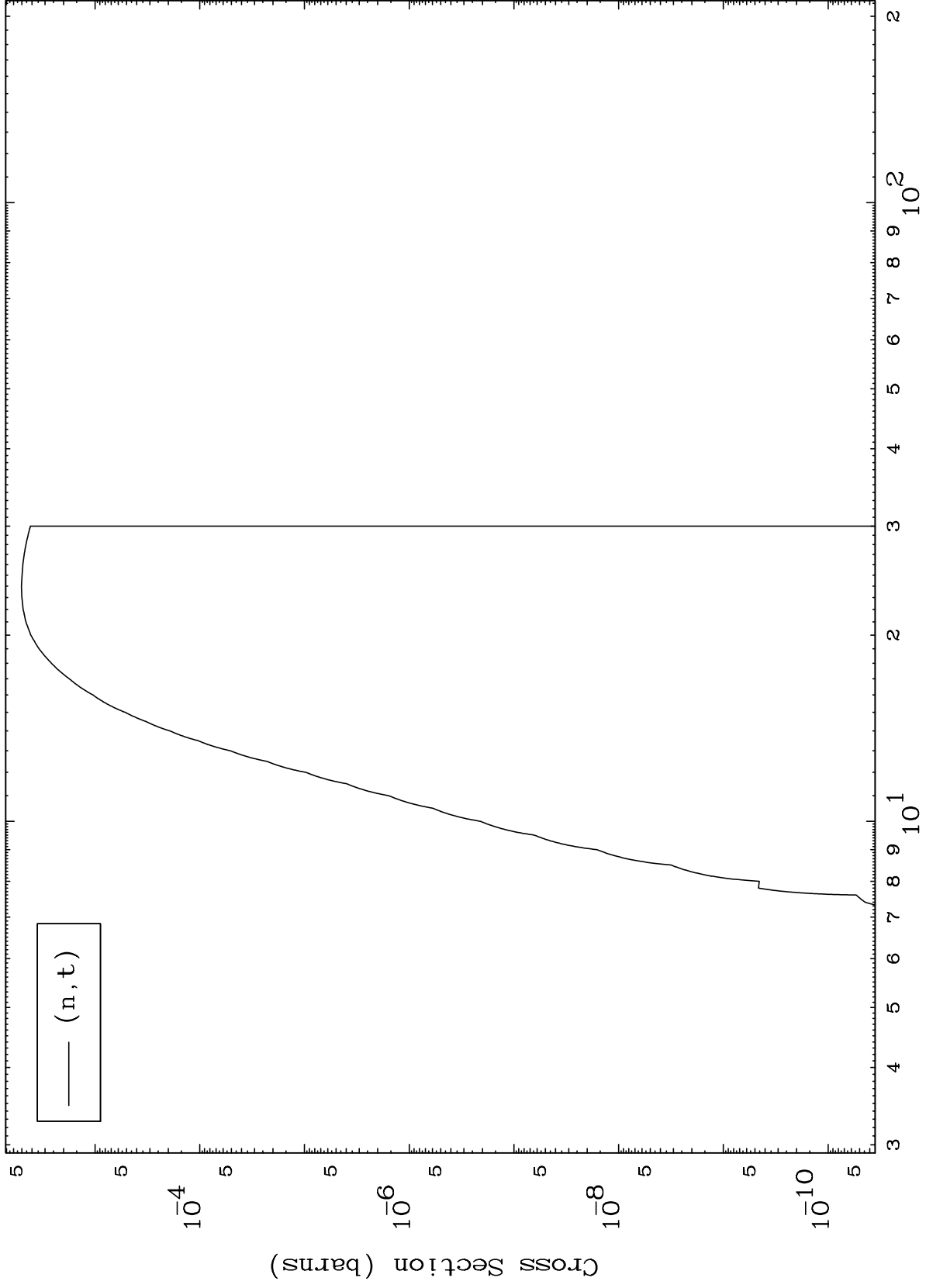
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-150



13

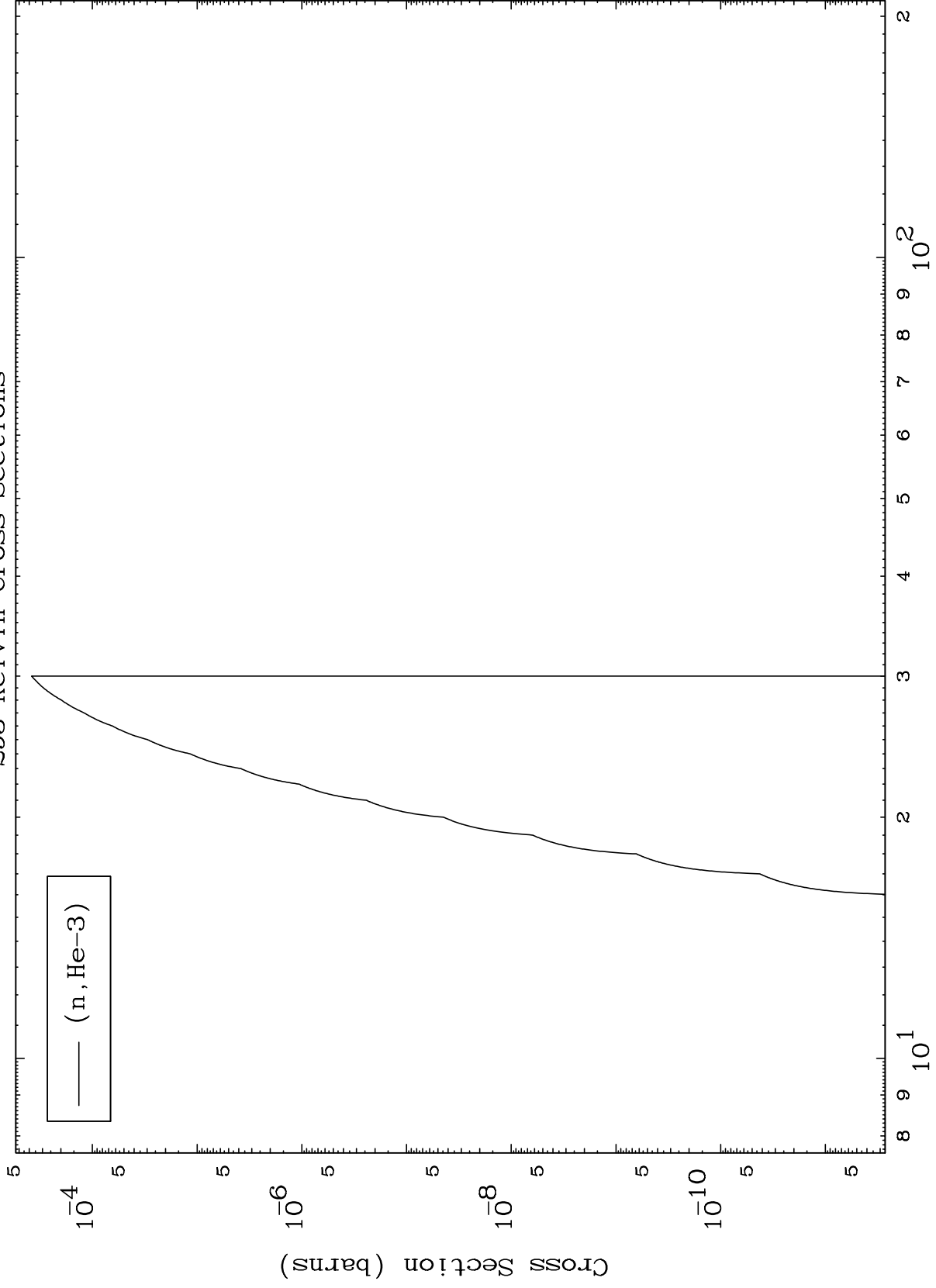
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-150



14

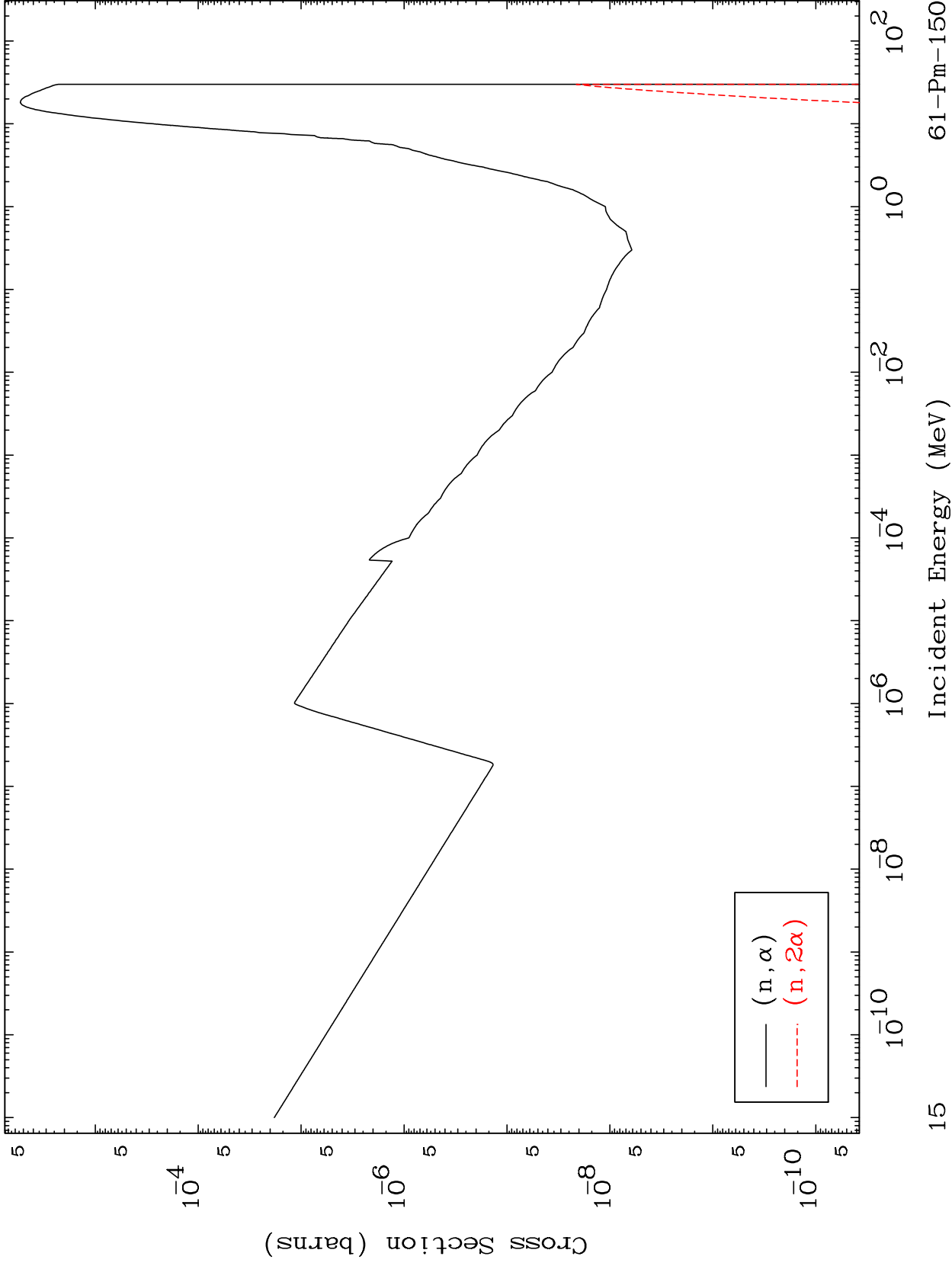
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,α) Levels  
293 Kelvin Cross Sections

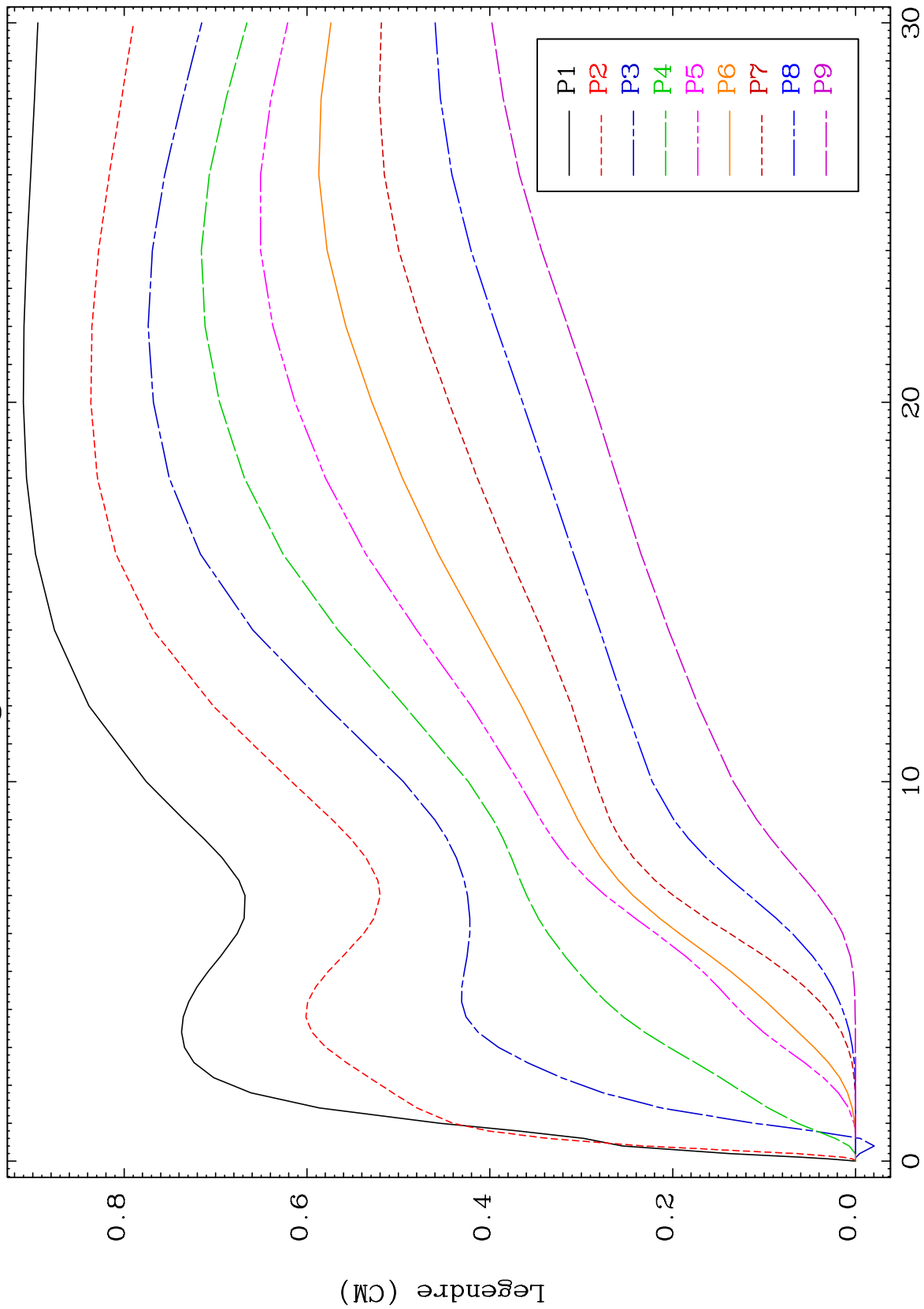
61-Pm-150



MAT 6158

Elastic Legendre Coefficients

61-Pm-150



16

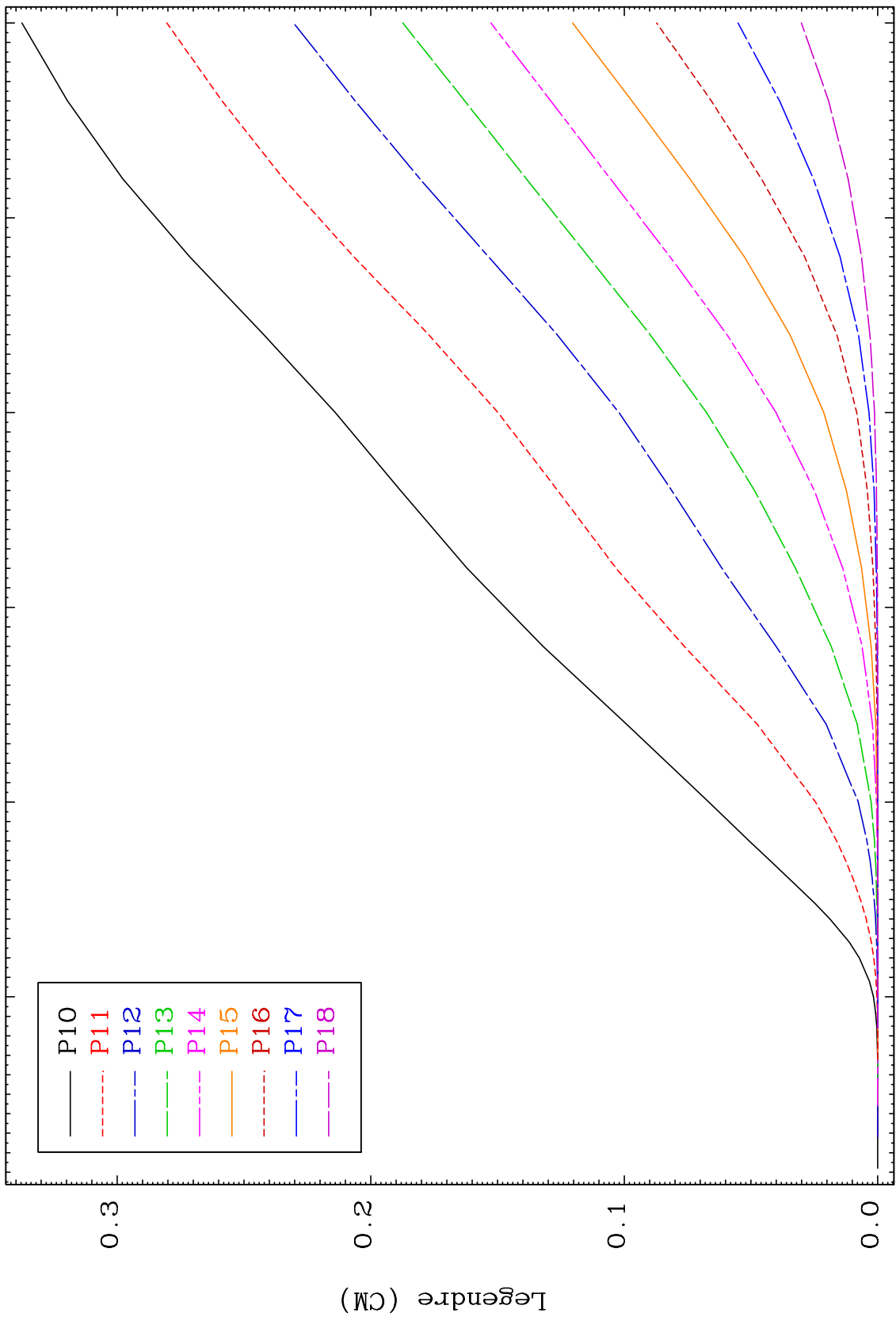
Incident Energy (MeV)

61-Pm-150

MAT 6158

Elastic Legendre Coefficients

61-Pm-150



17

Incident Energy (MeV)

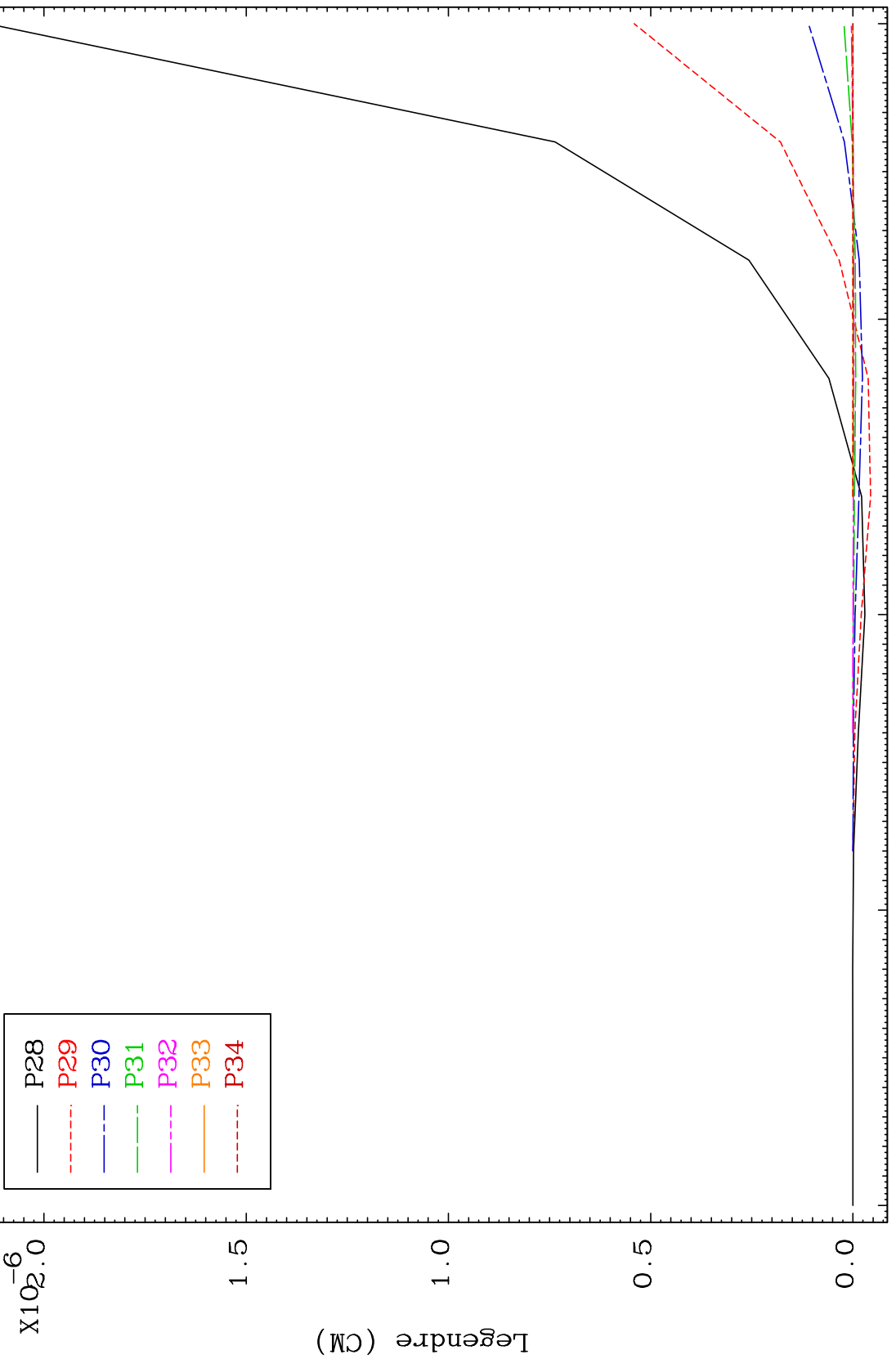
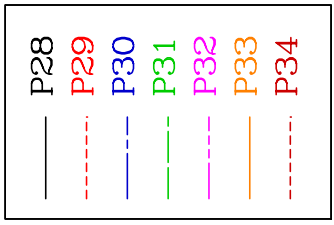
61-Pm-150



MAT 6158

Elastic Legendre Coefficients

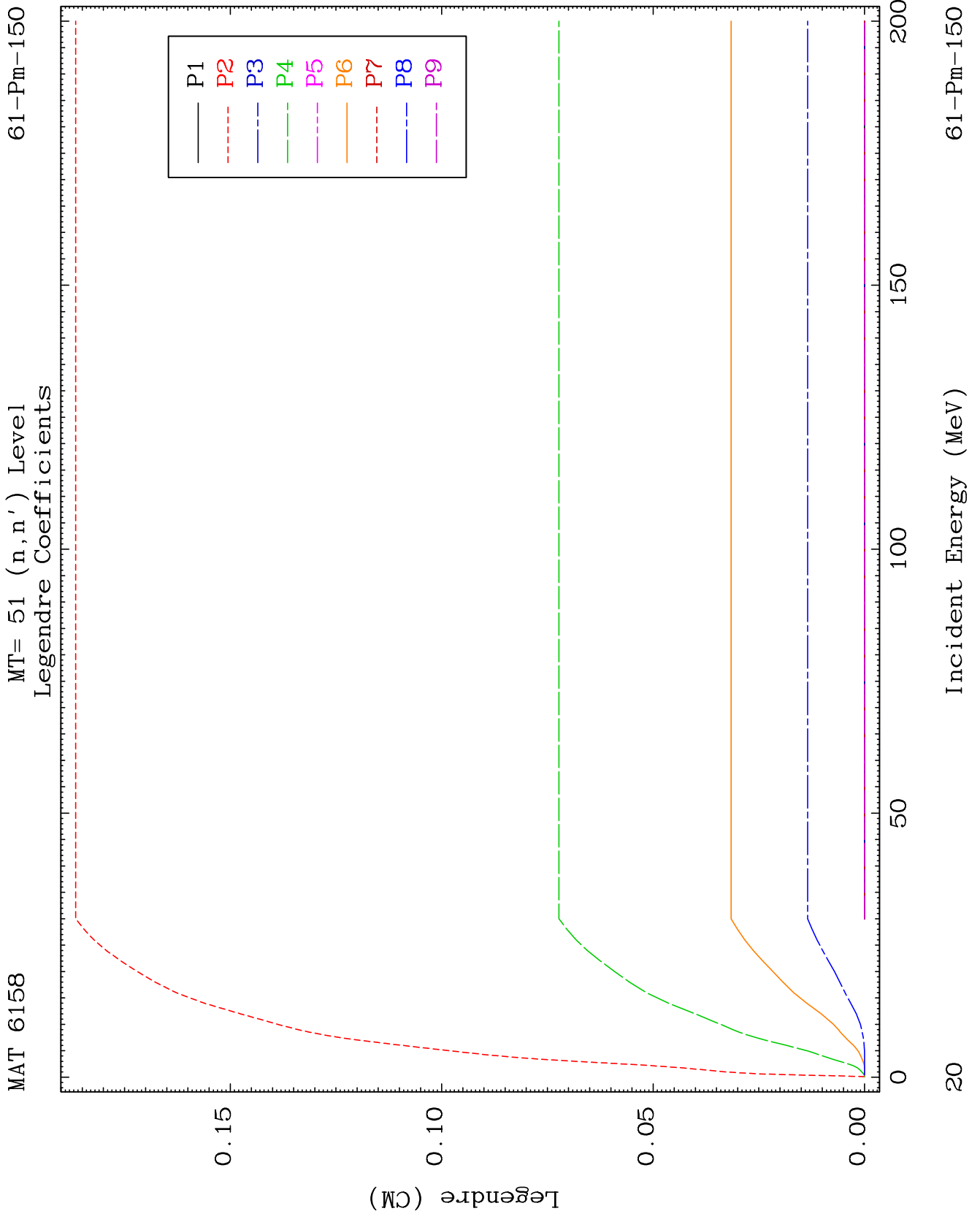
61-Pm-150



19

Incident Energy (MeV)

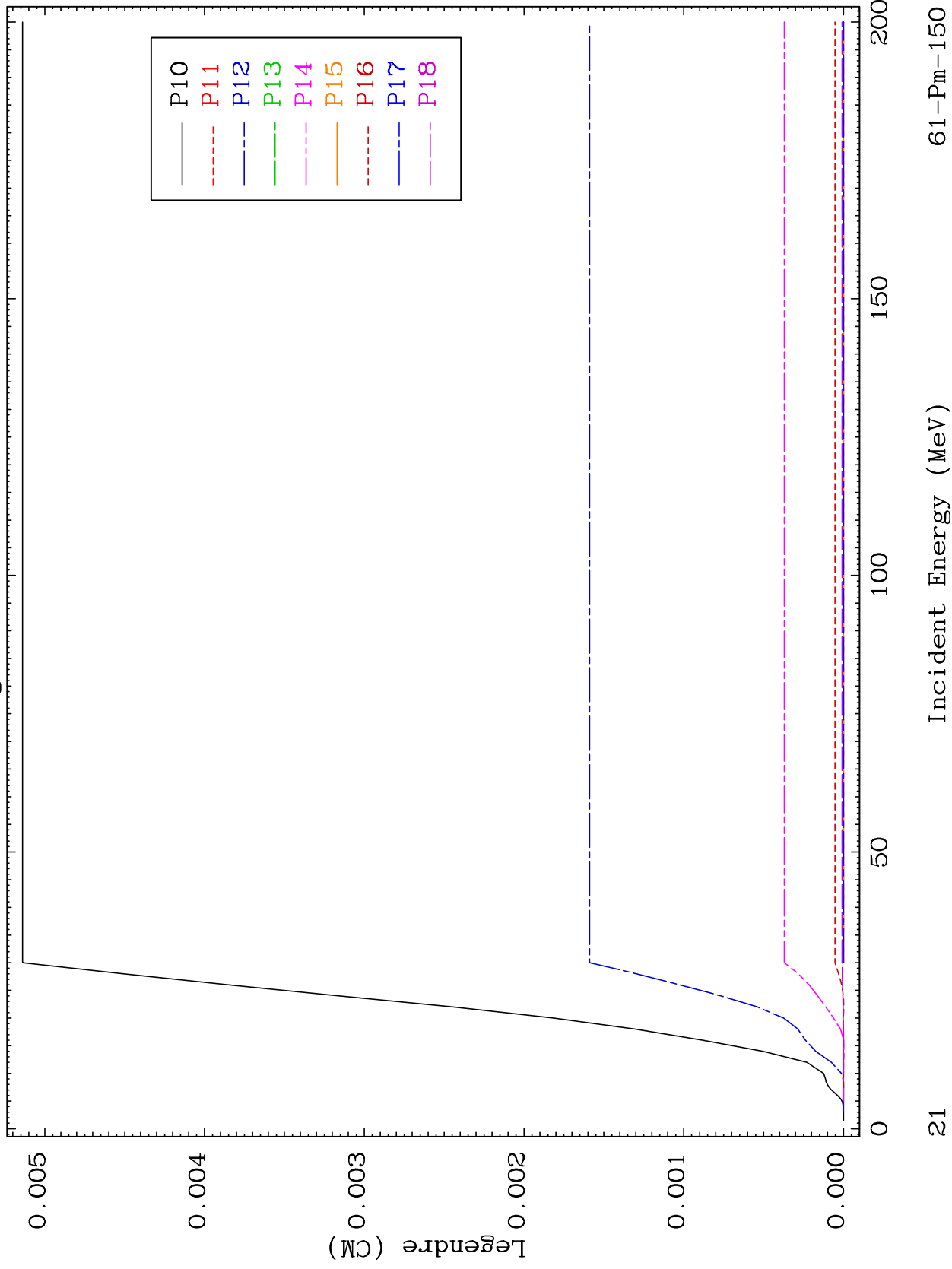
61-Pm-150



MAT 6158

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

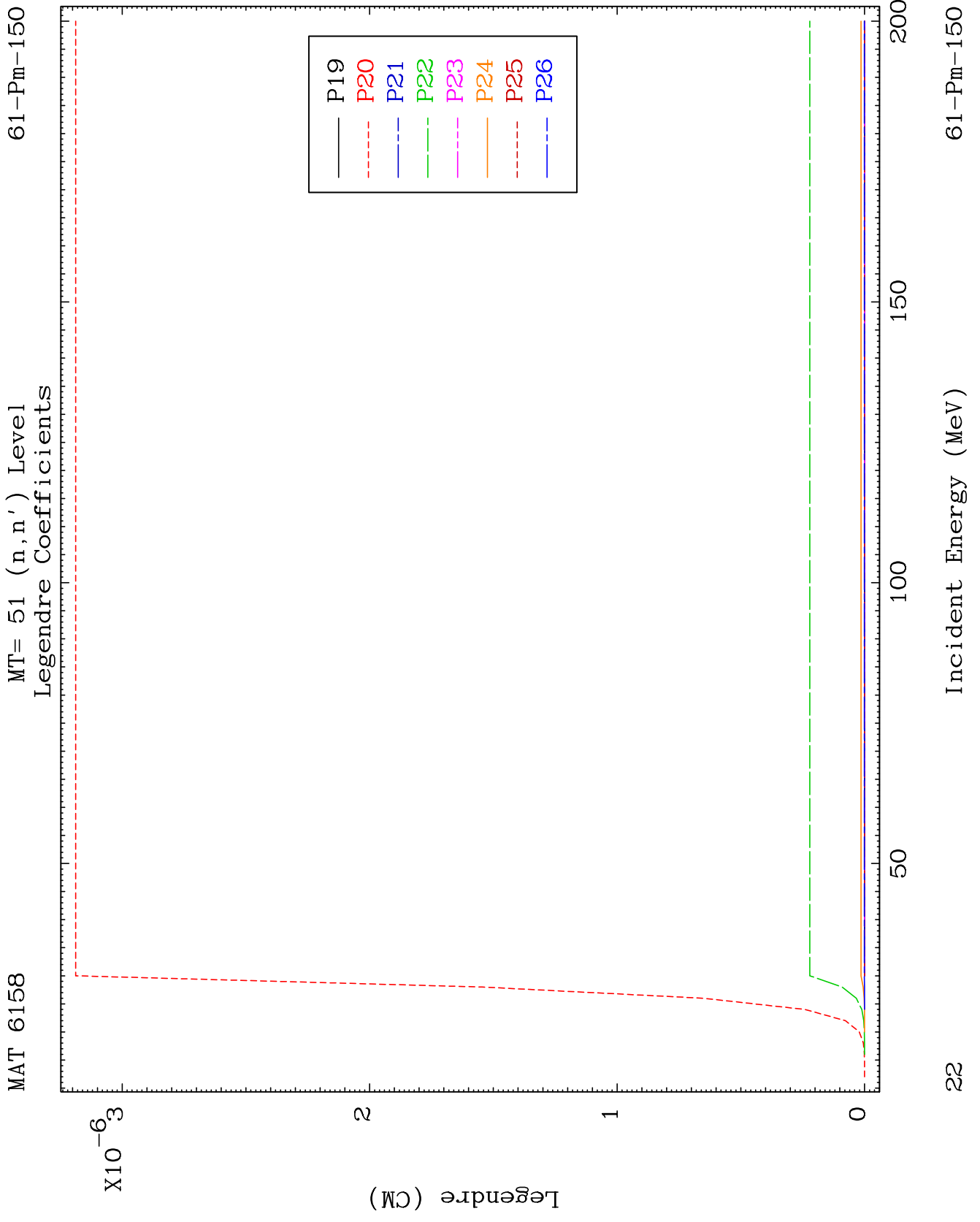
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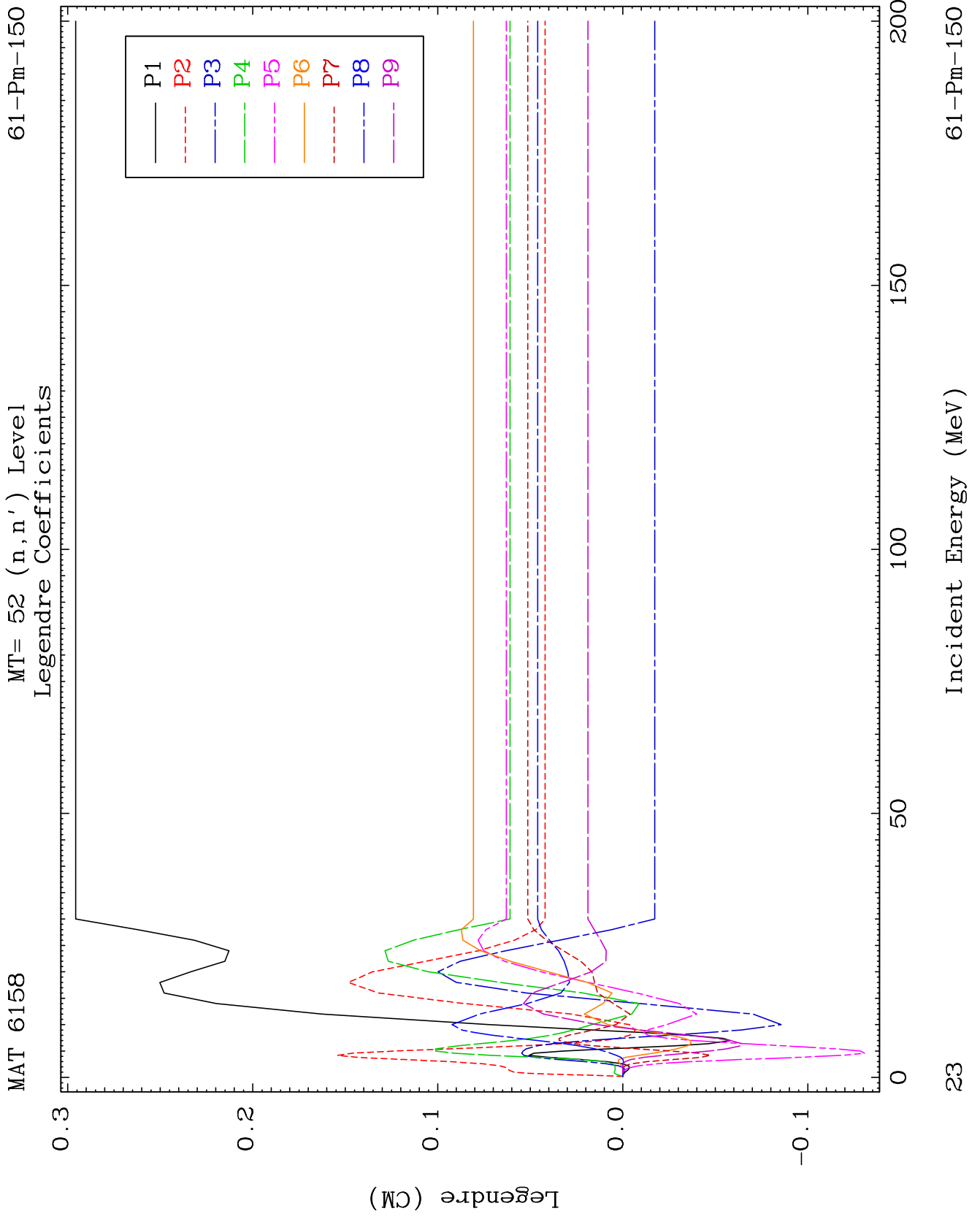


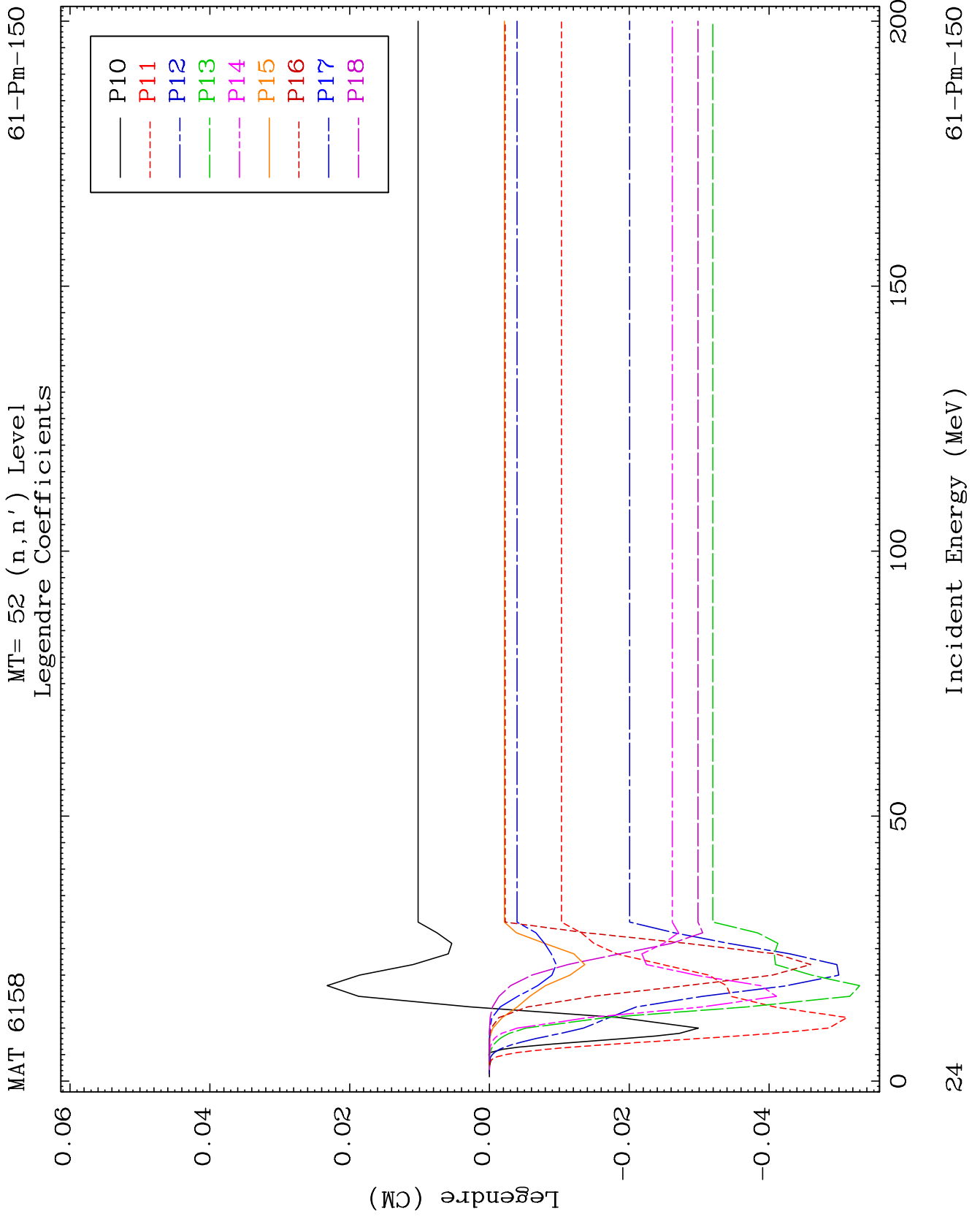
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Incident Energy (MeV)

61-Pm-150



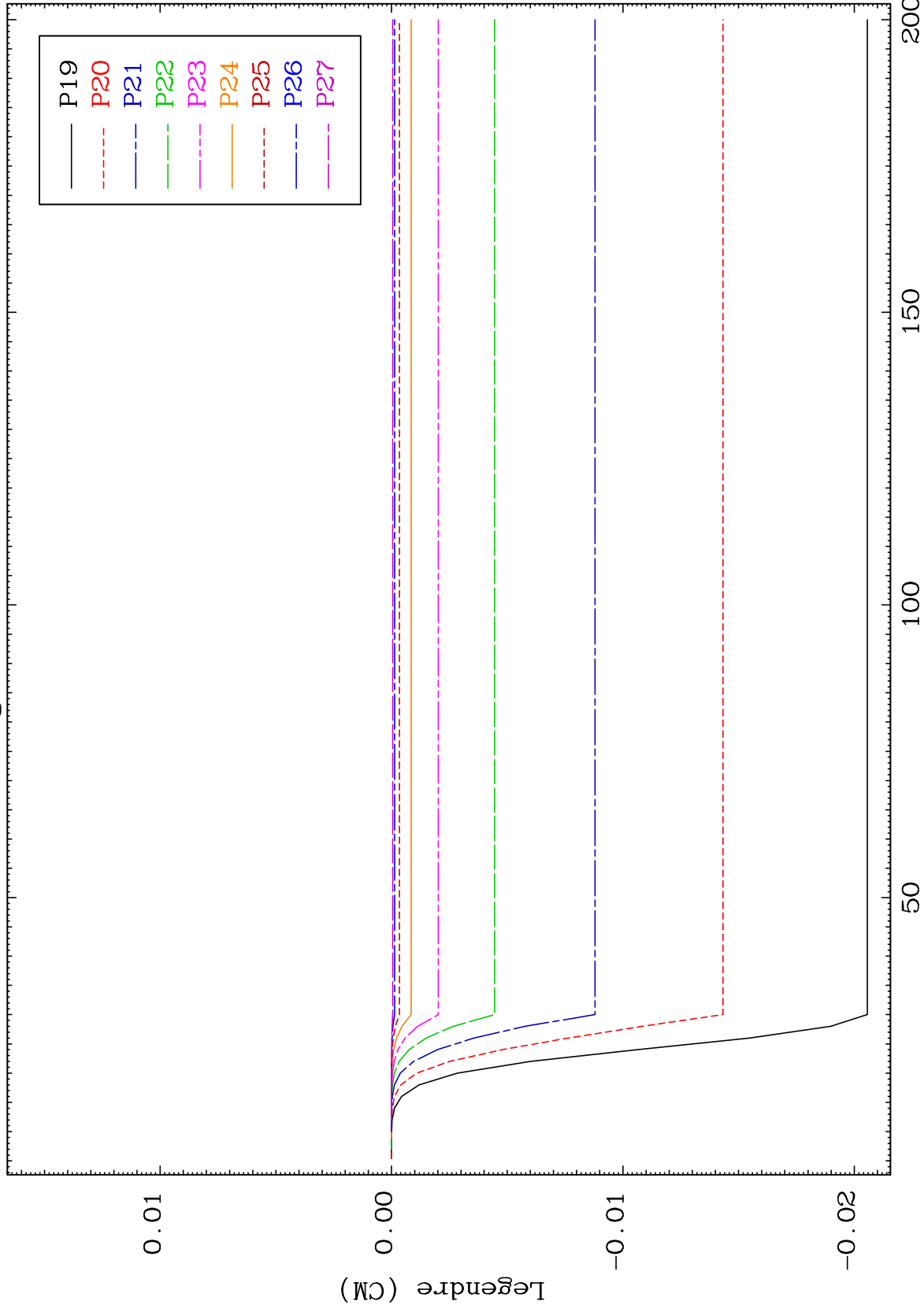




MAT 6158

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

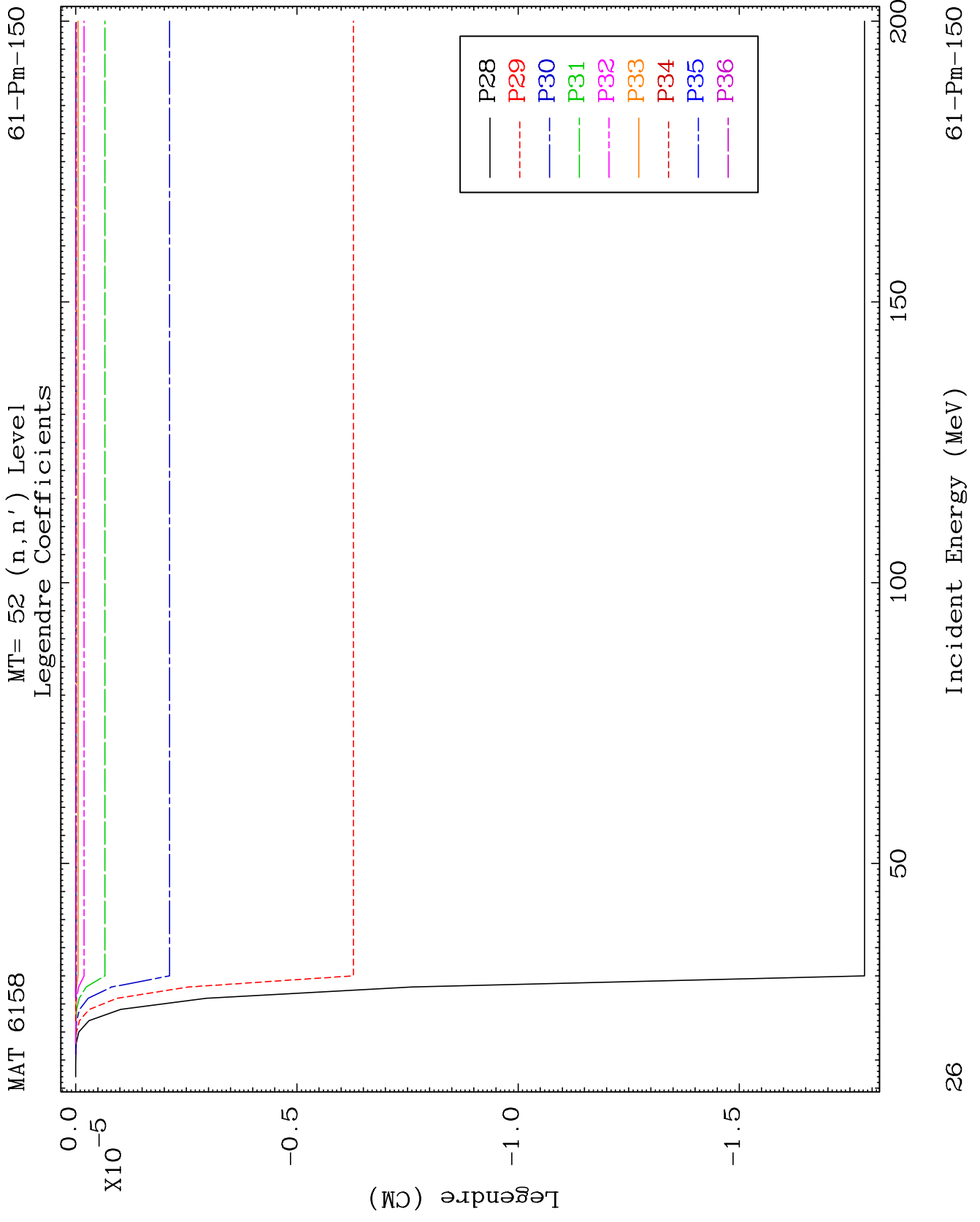
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25

Incident Energy (MeV)

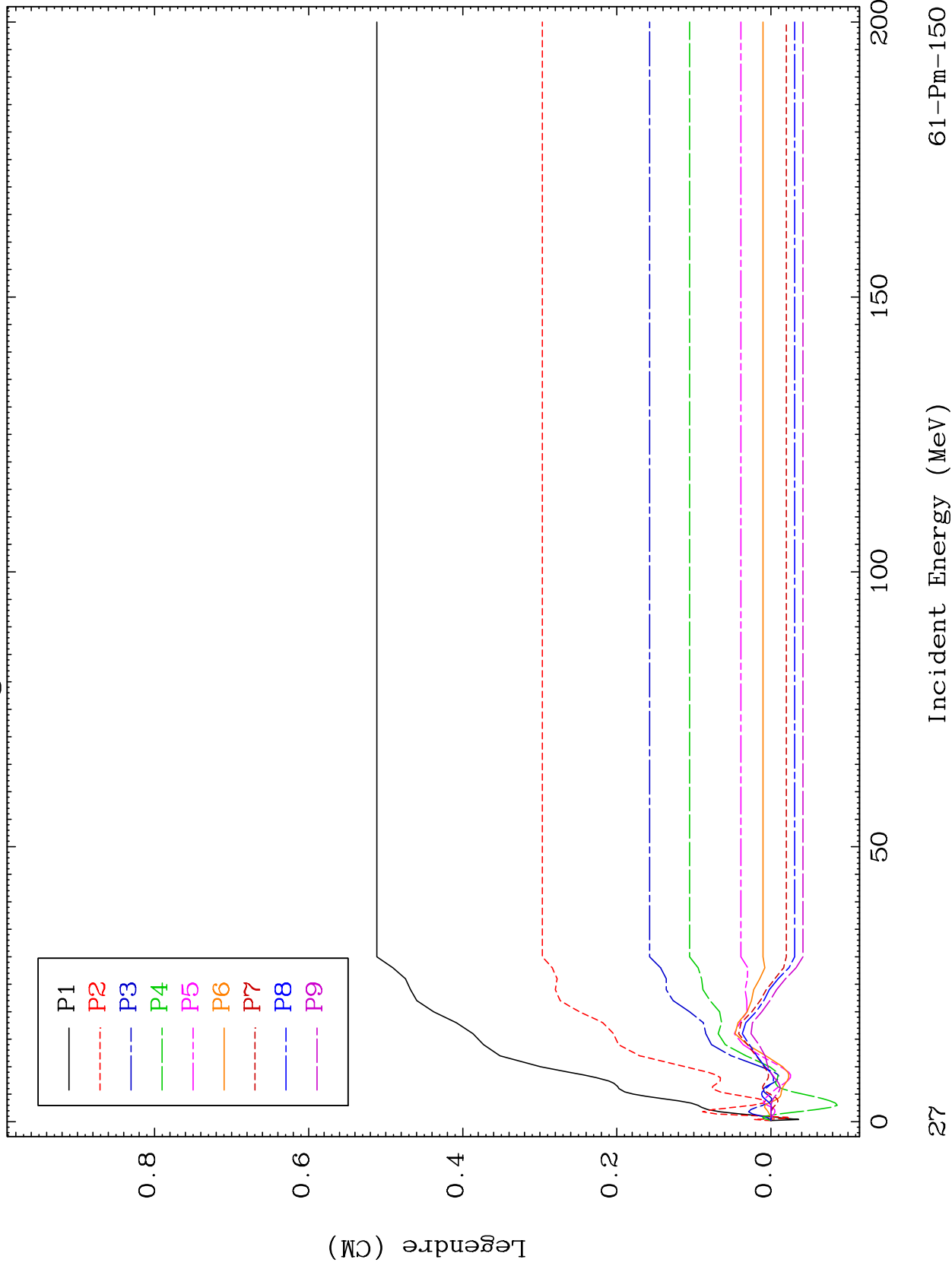
61-Pm-150



MAT 6158

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

61-Pm-150



27

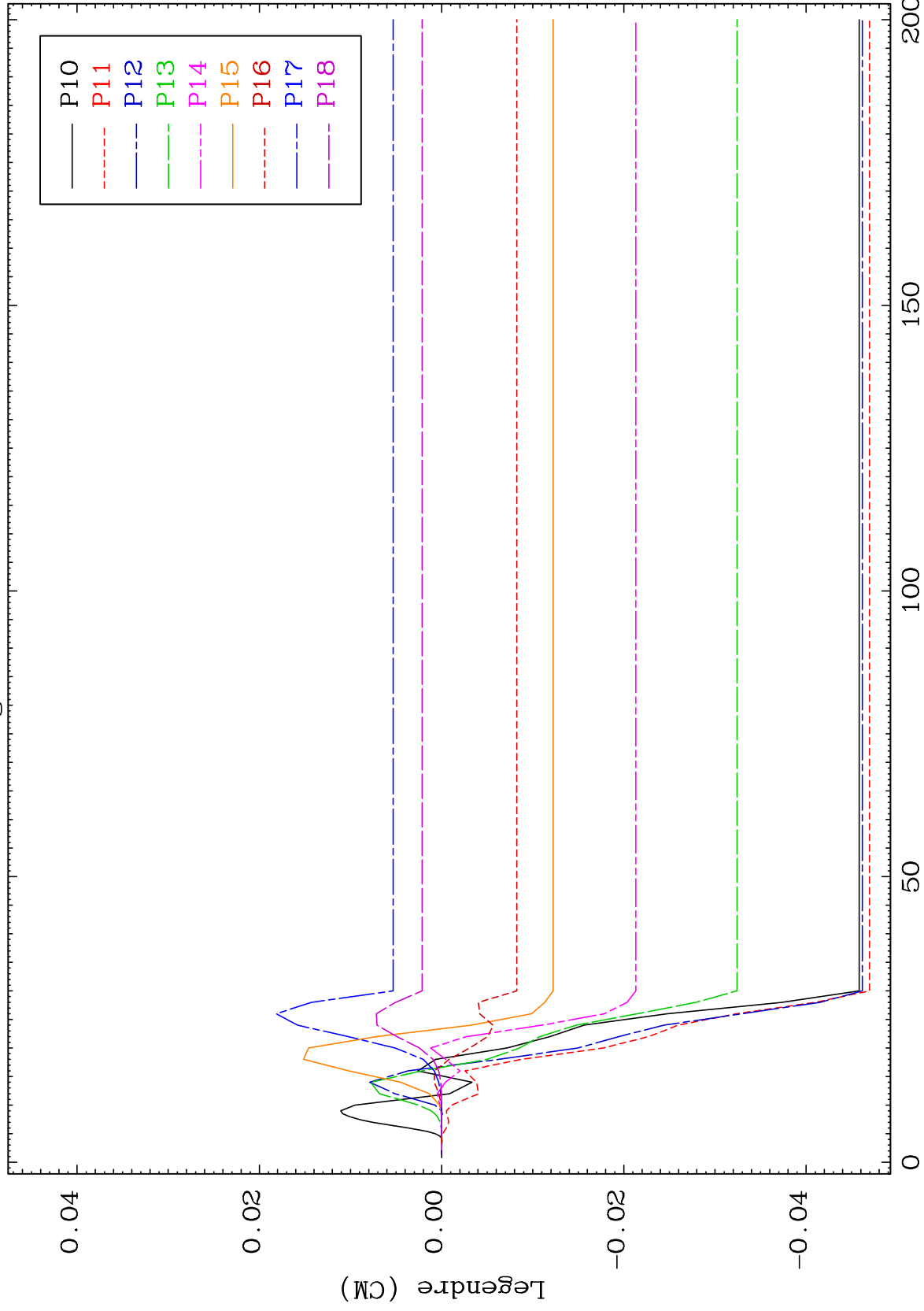
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



28

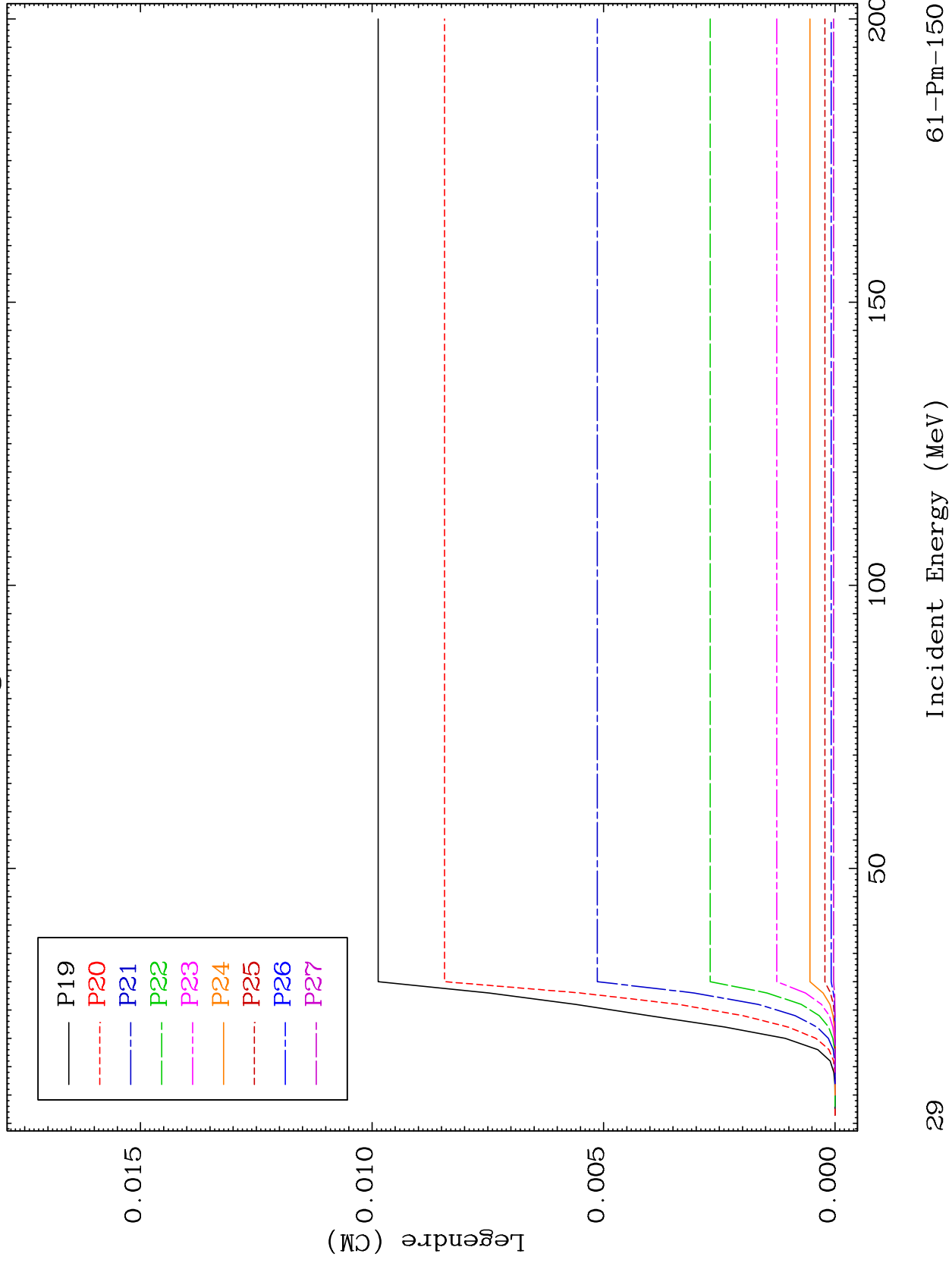
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



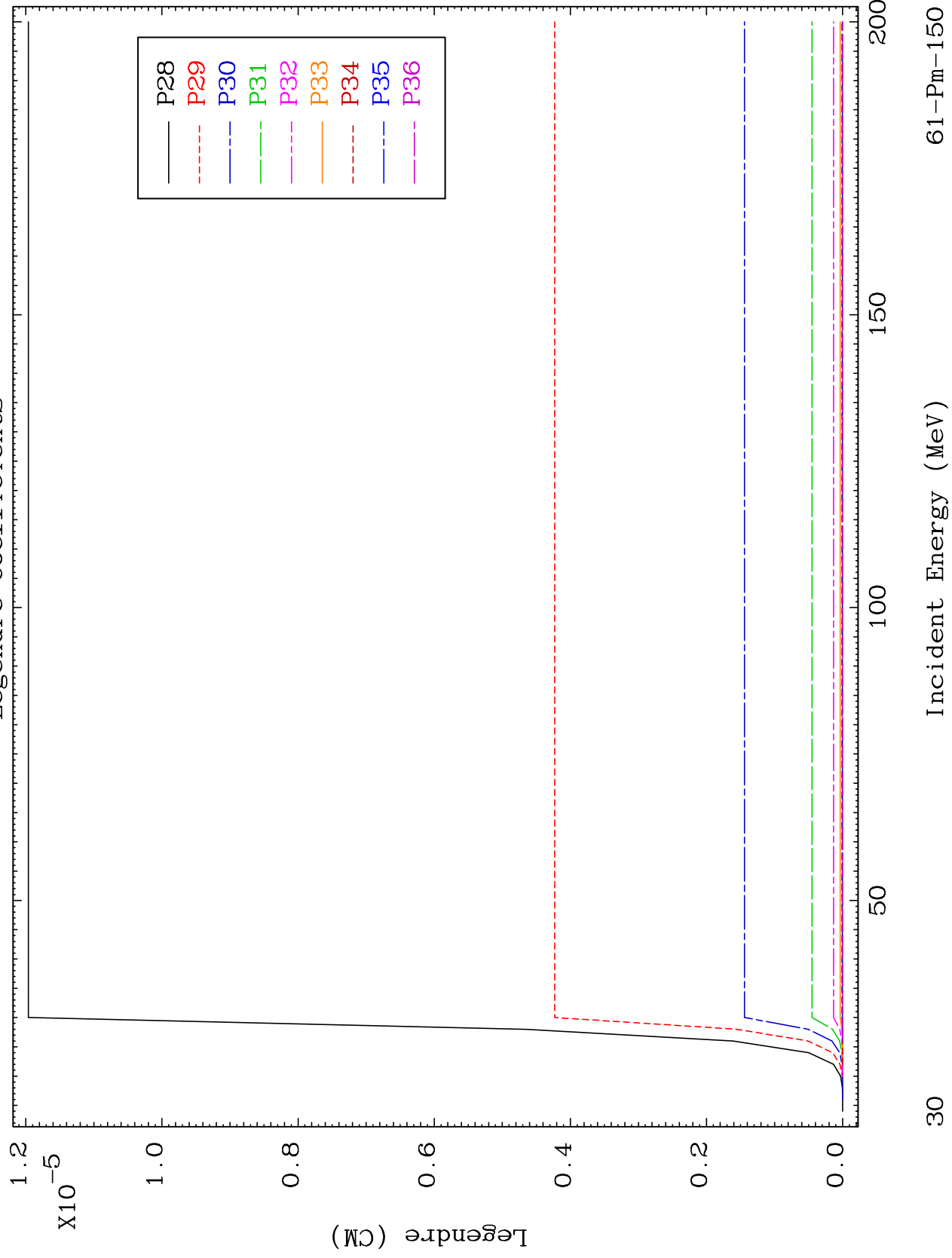
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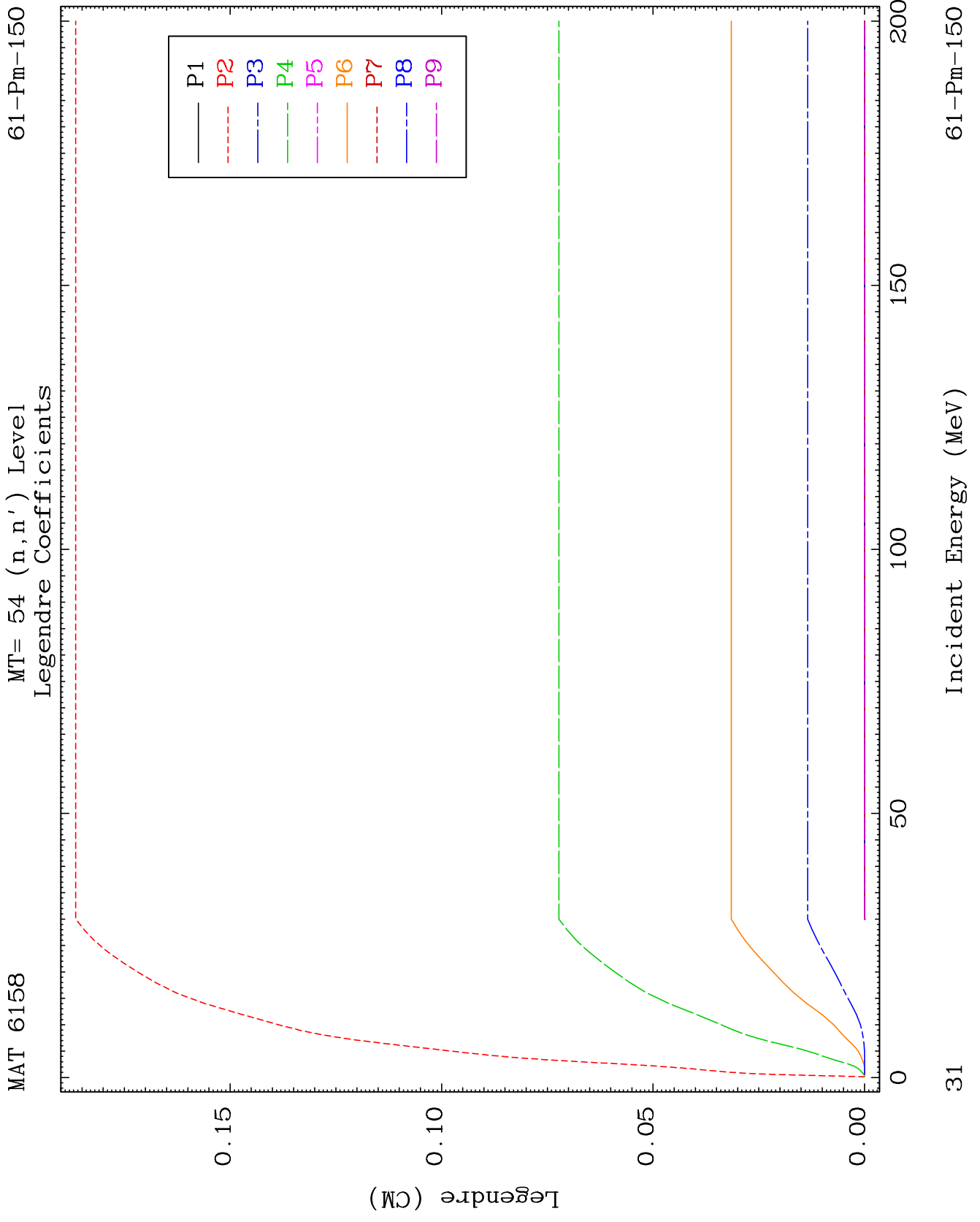
61-Pm-150

MAT 6158

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

61-Pm-150

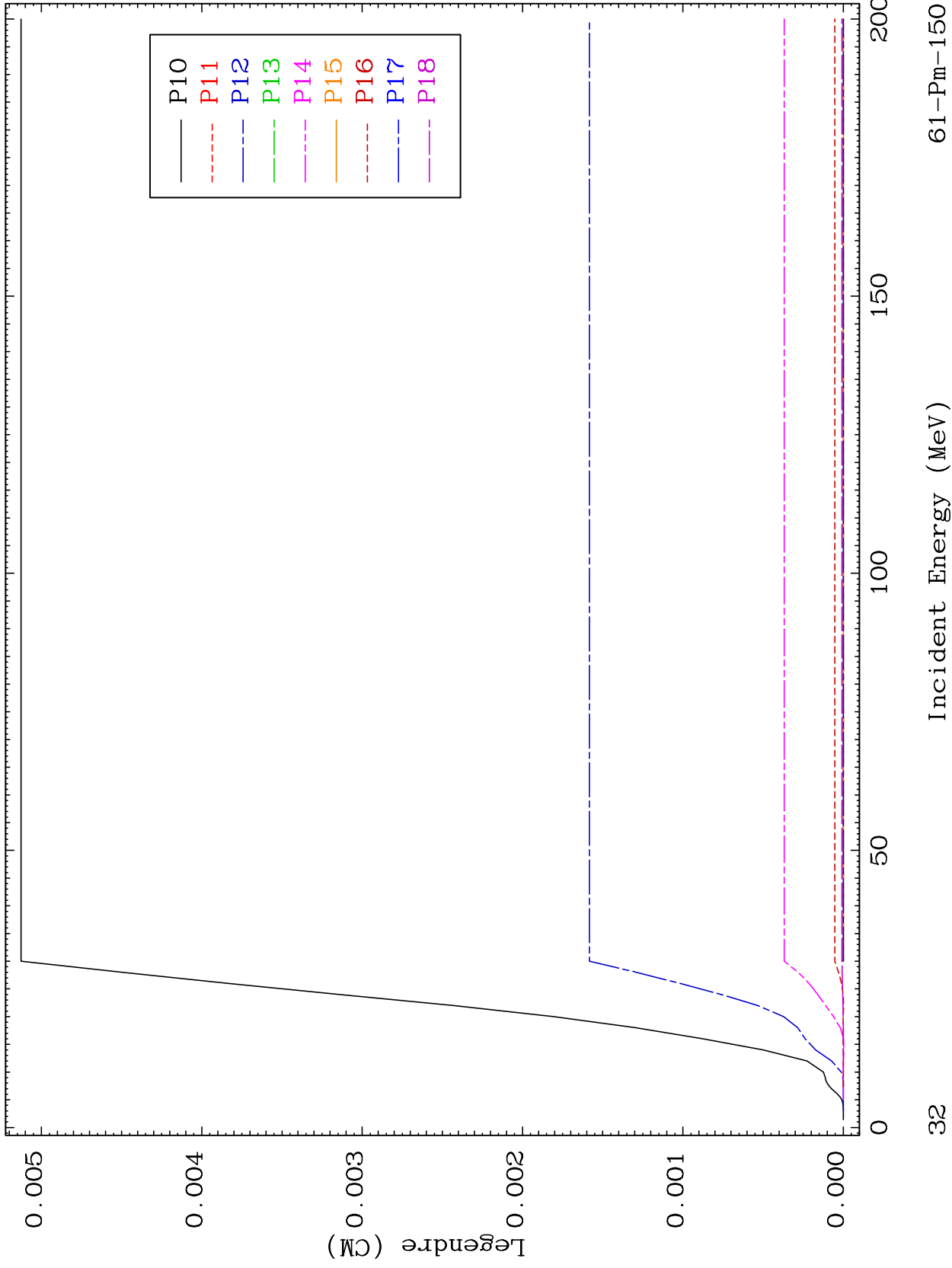




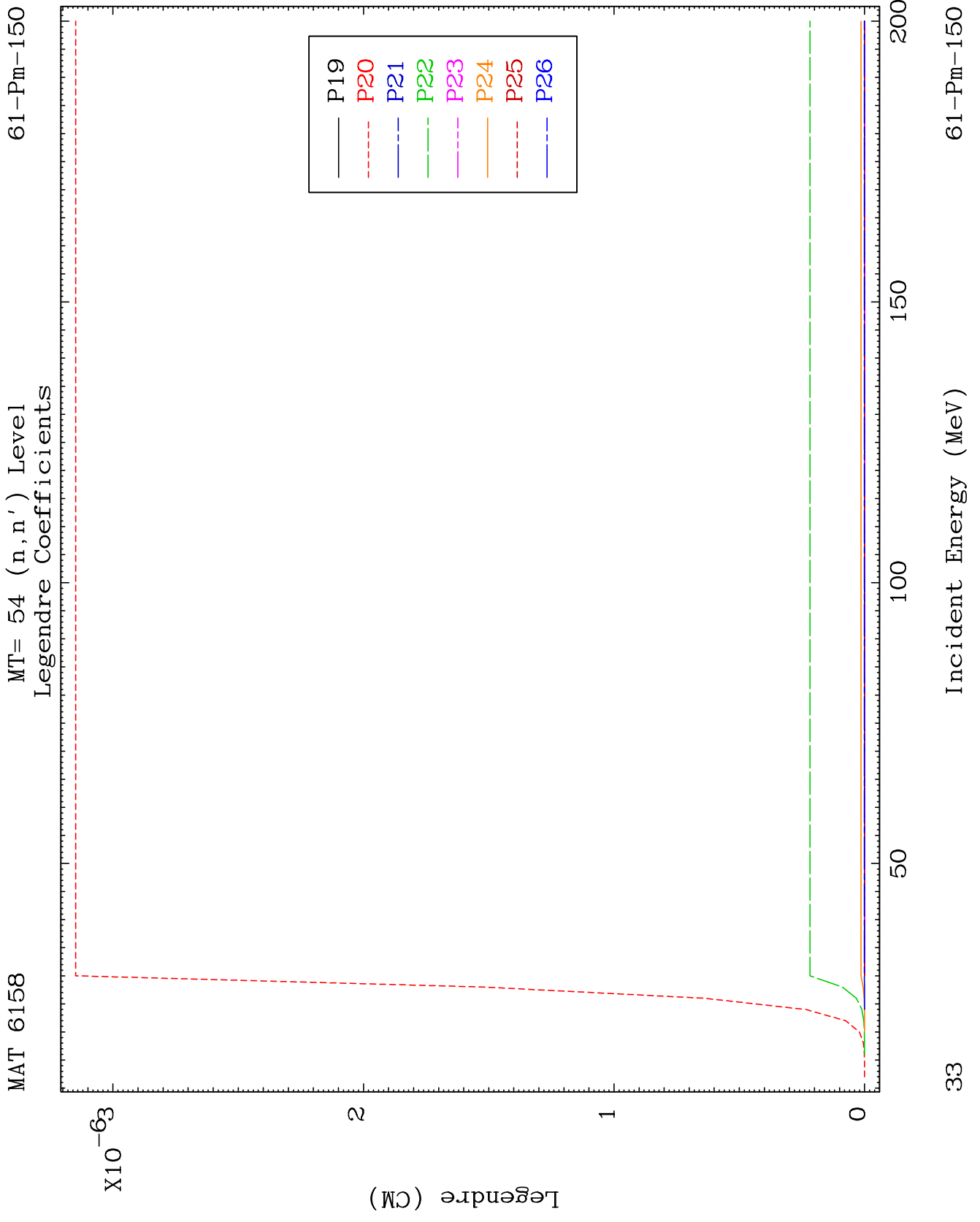
MAT 6158

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

61-Pm-150



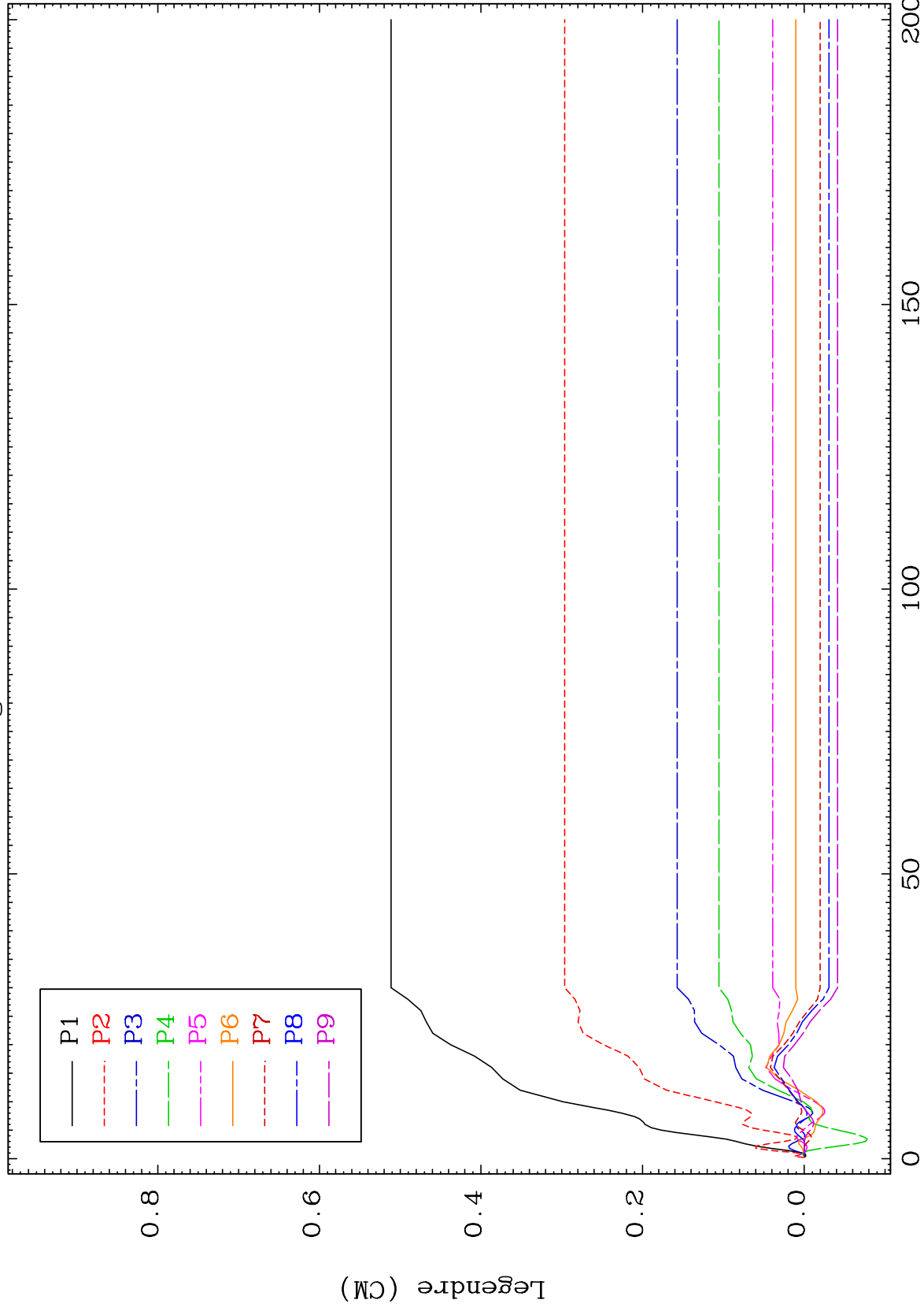
32



MAT 6158

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

61-Pm-150



34

Incident Energy (MeV)

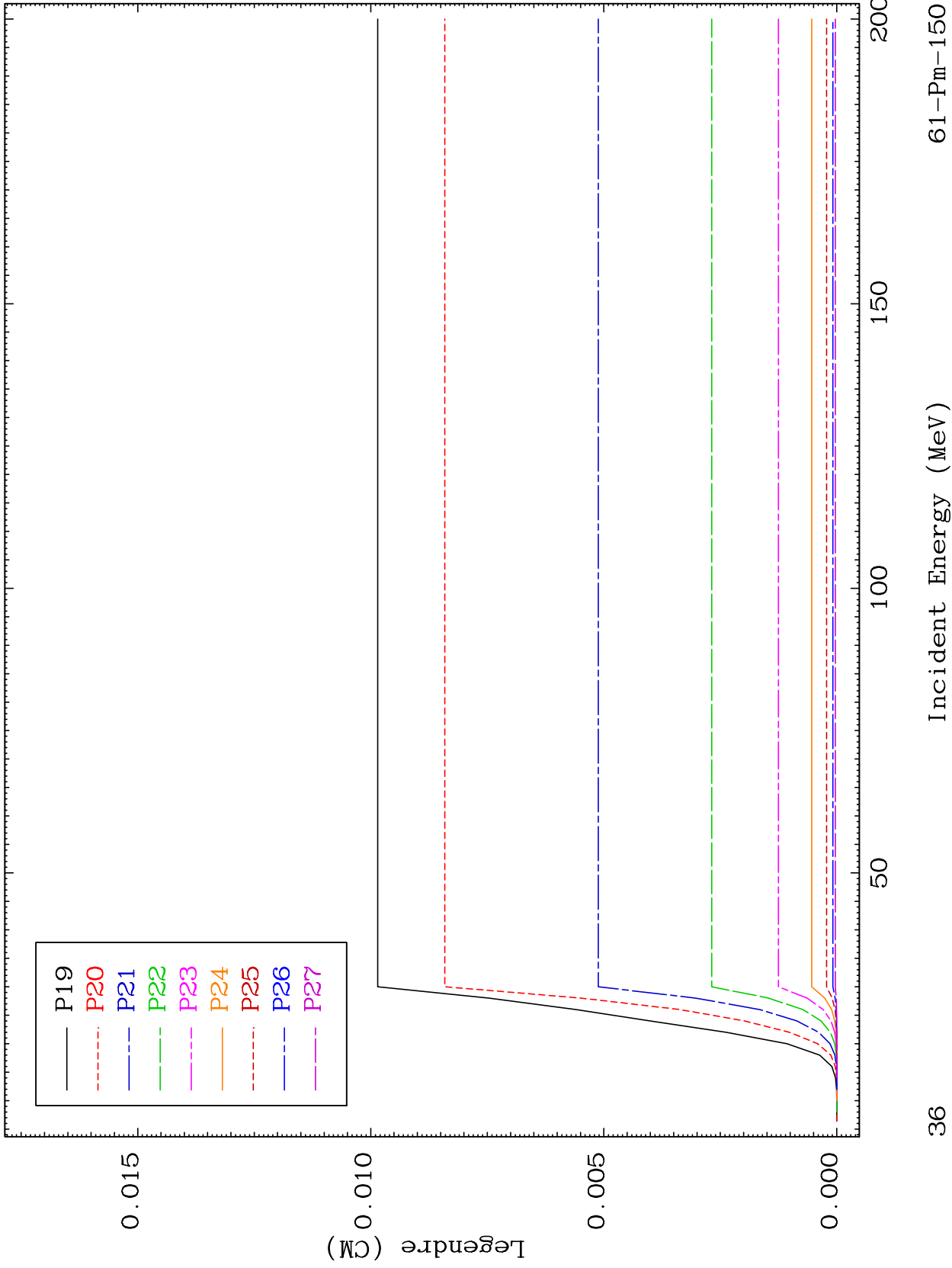
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MAT 6158

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

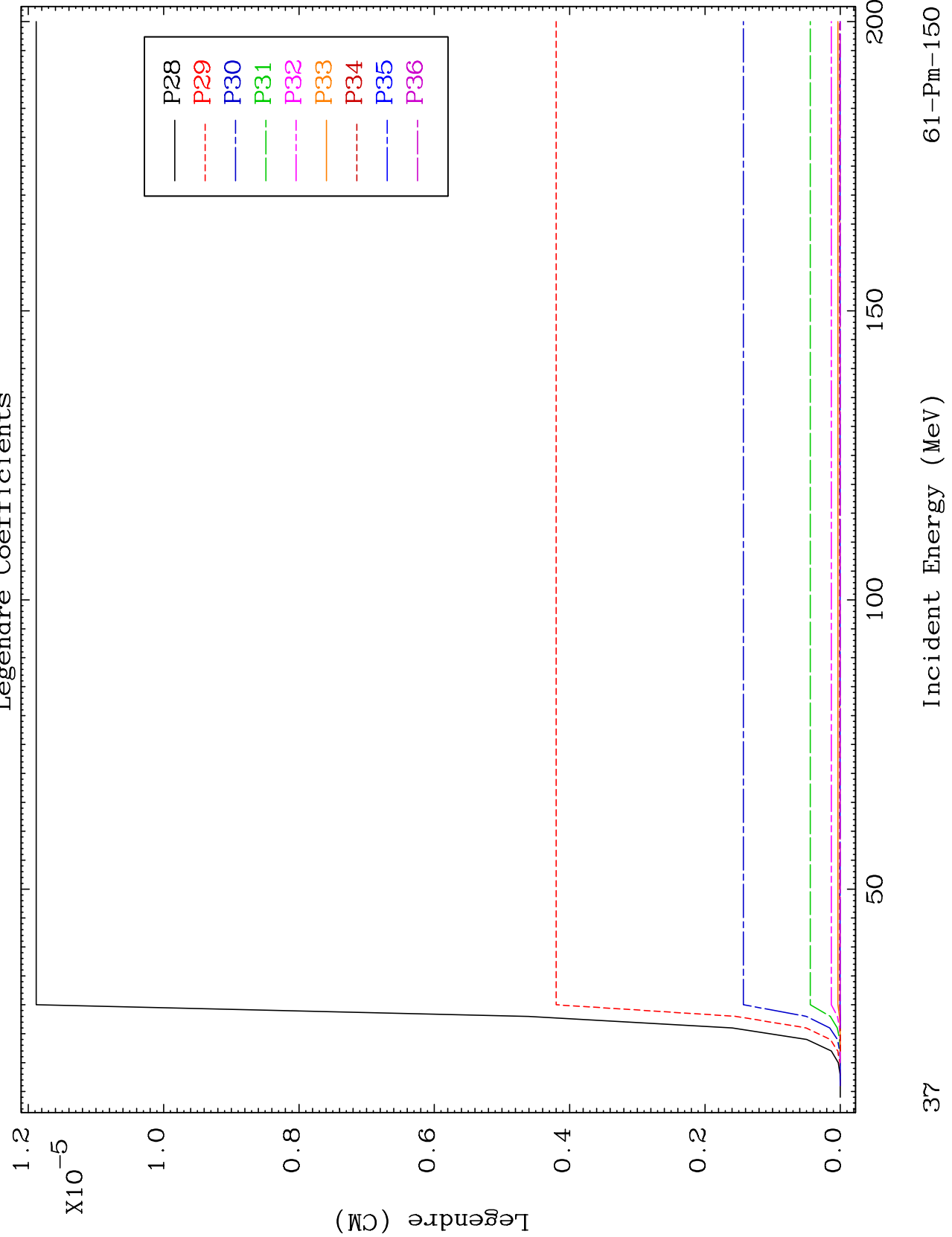
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36

Incident Energy (MeV)

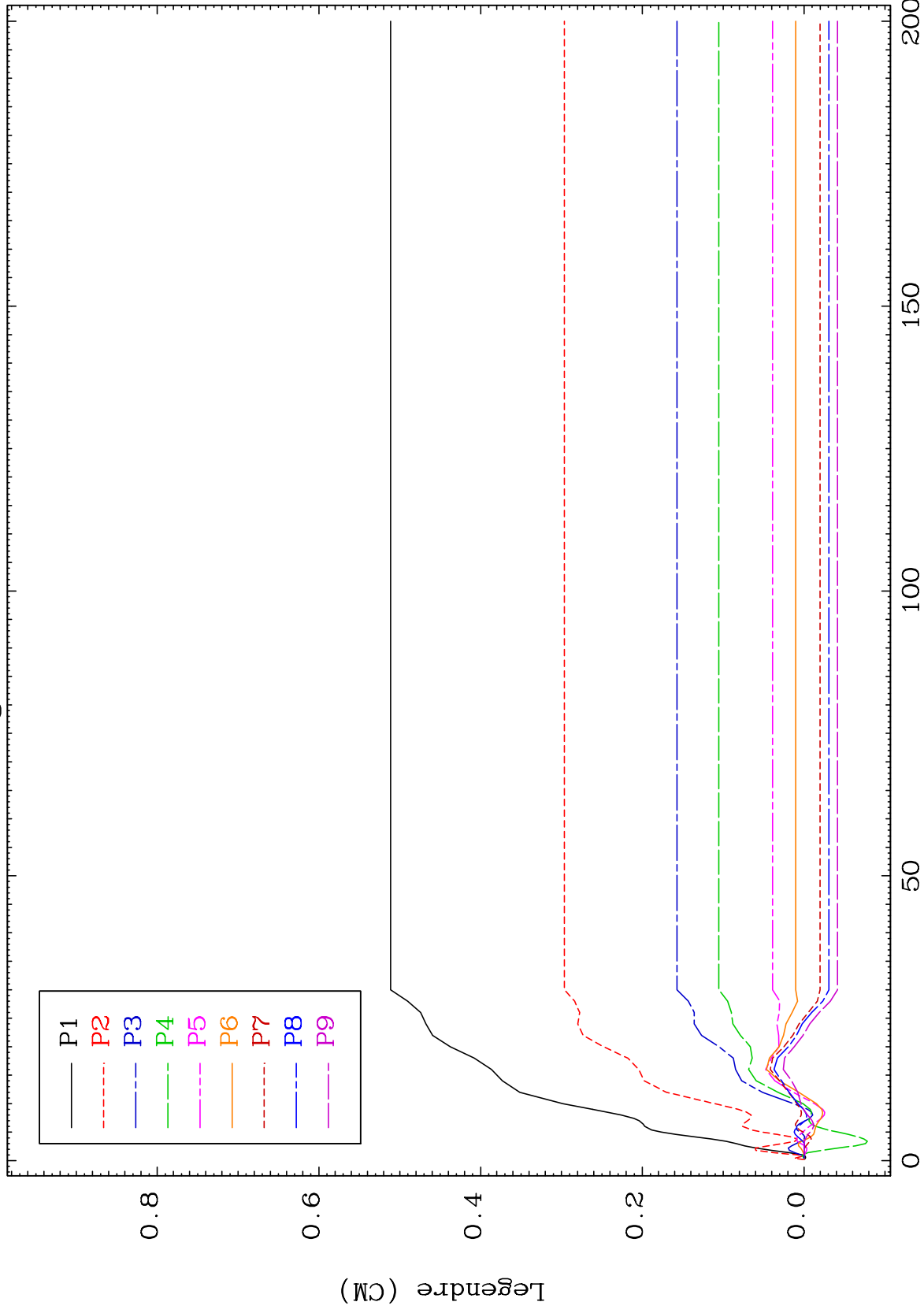
61-Pm-150



MAT 6158

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

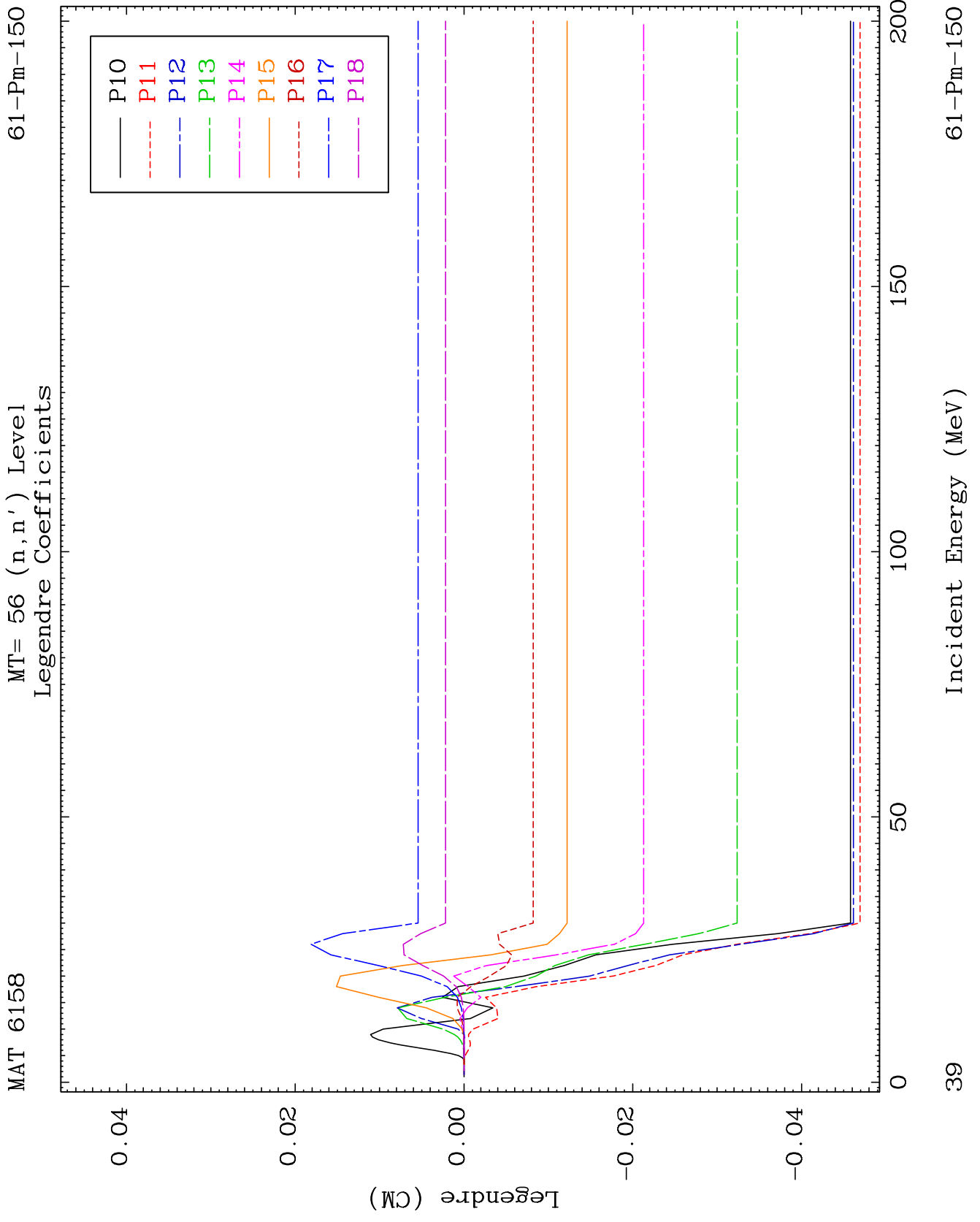
61-Pm-150



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Incident Energy (MeV)

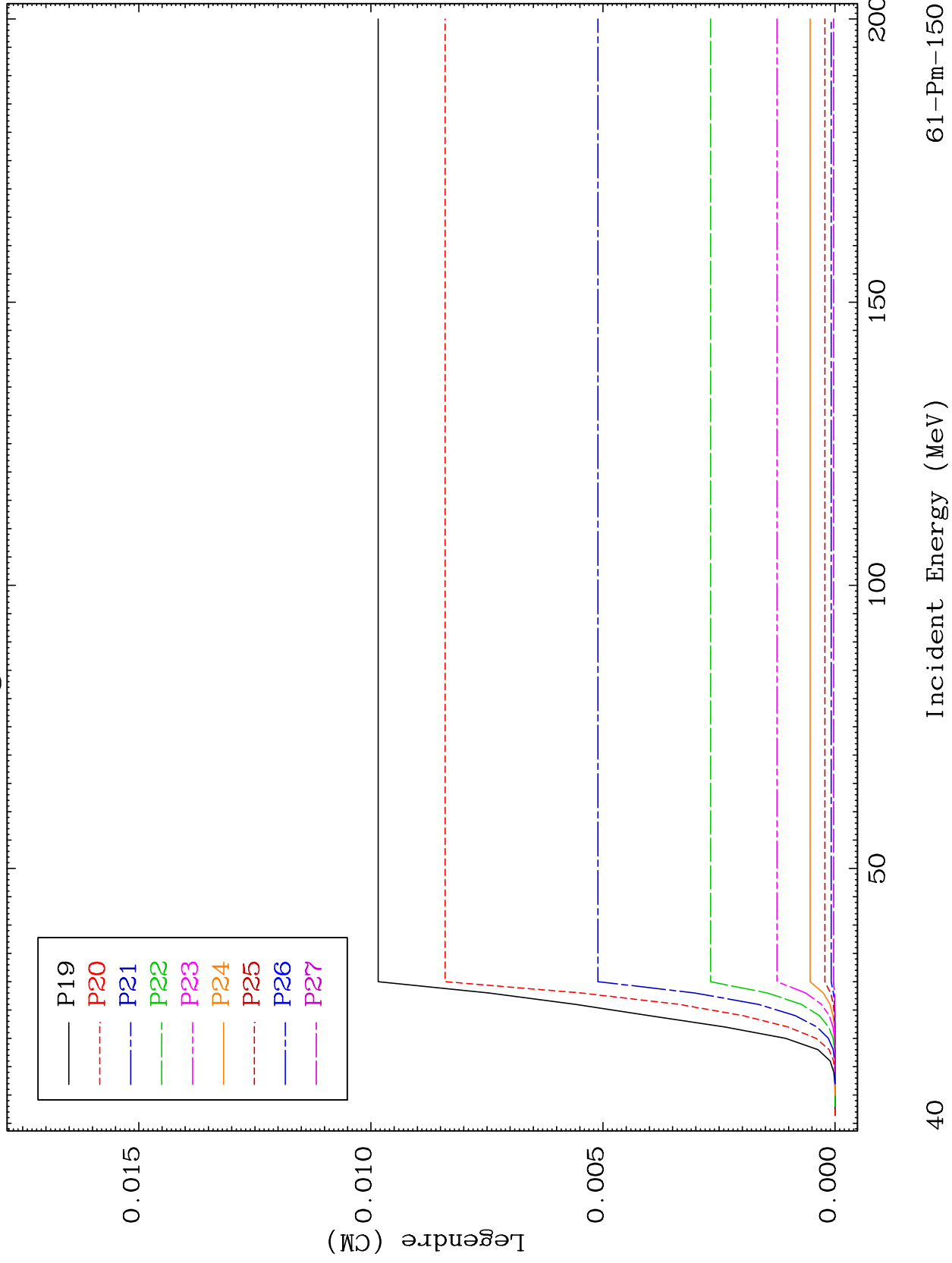
61-Pm-150



MAT 6158

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

61-Pm-150



61-Pm-150

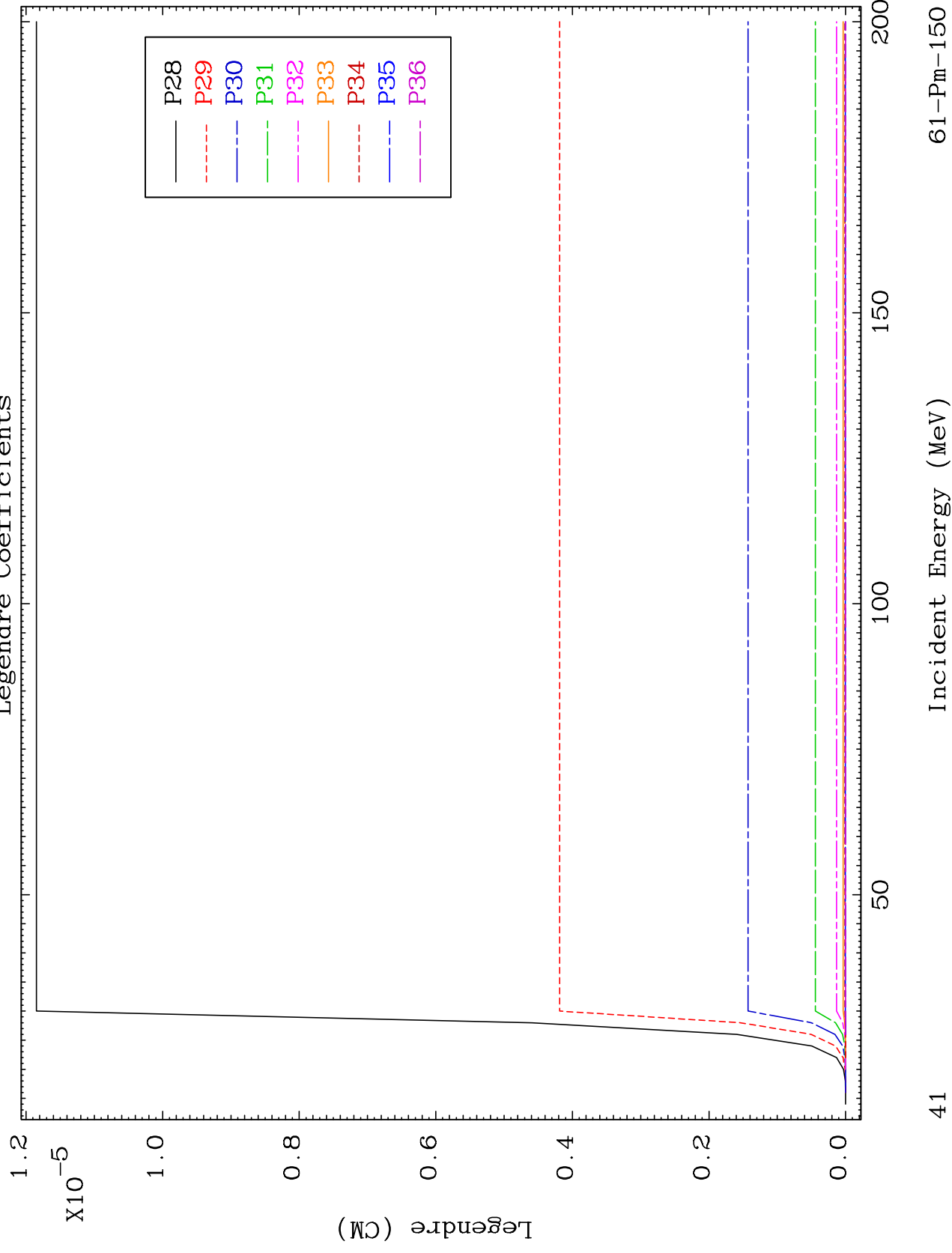
Incident Energy (MeV)

40

MAT 6158

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

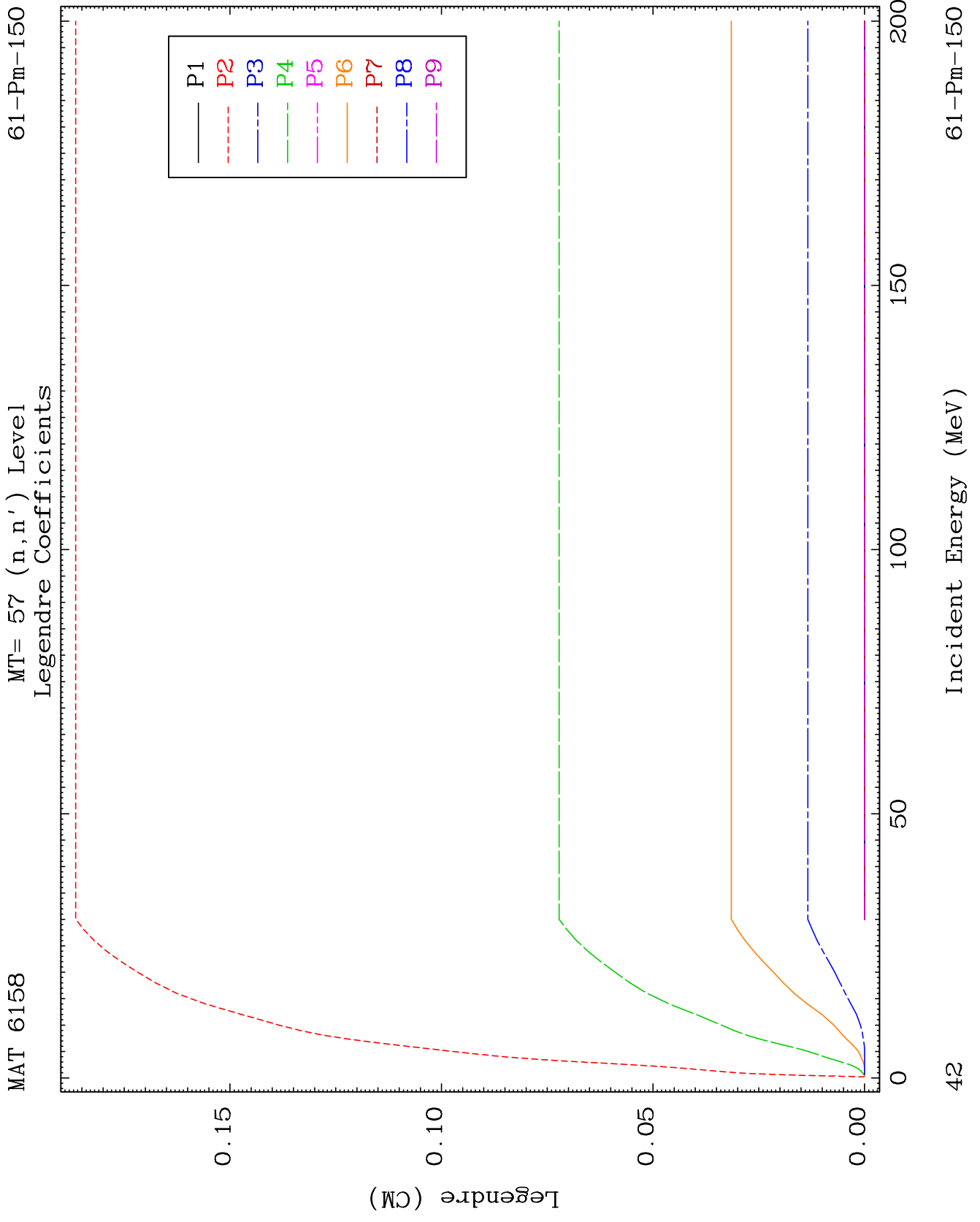
61-Pm-150



41

Incident Energy (MeV)

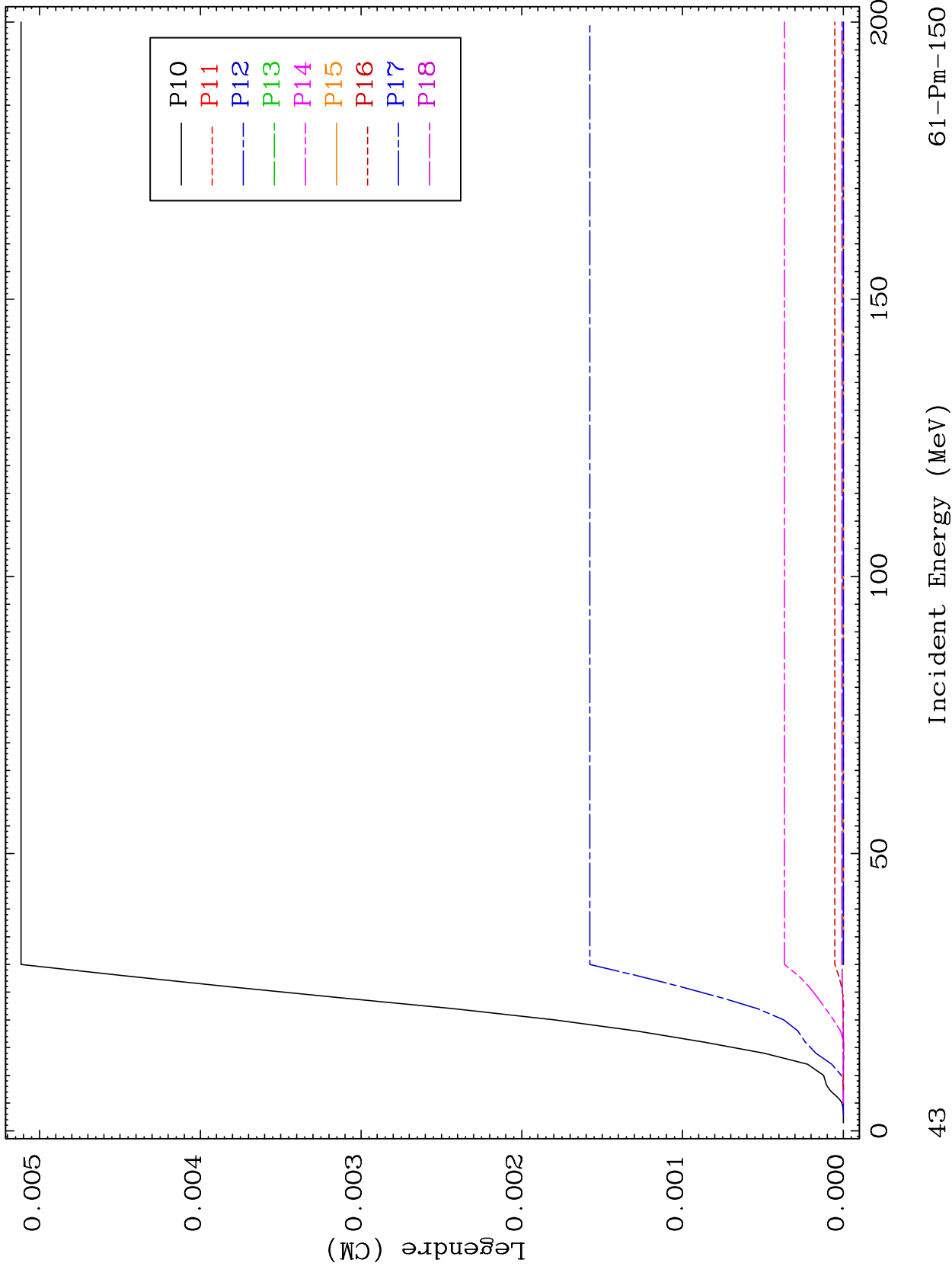
61-Pm-150



MAT 6158

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

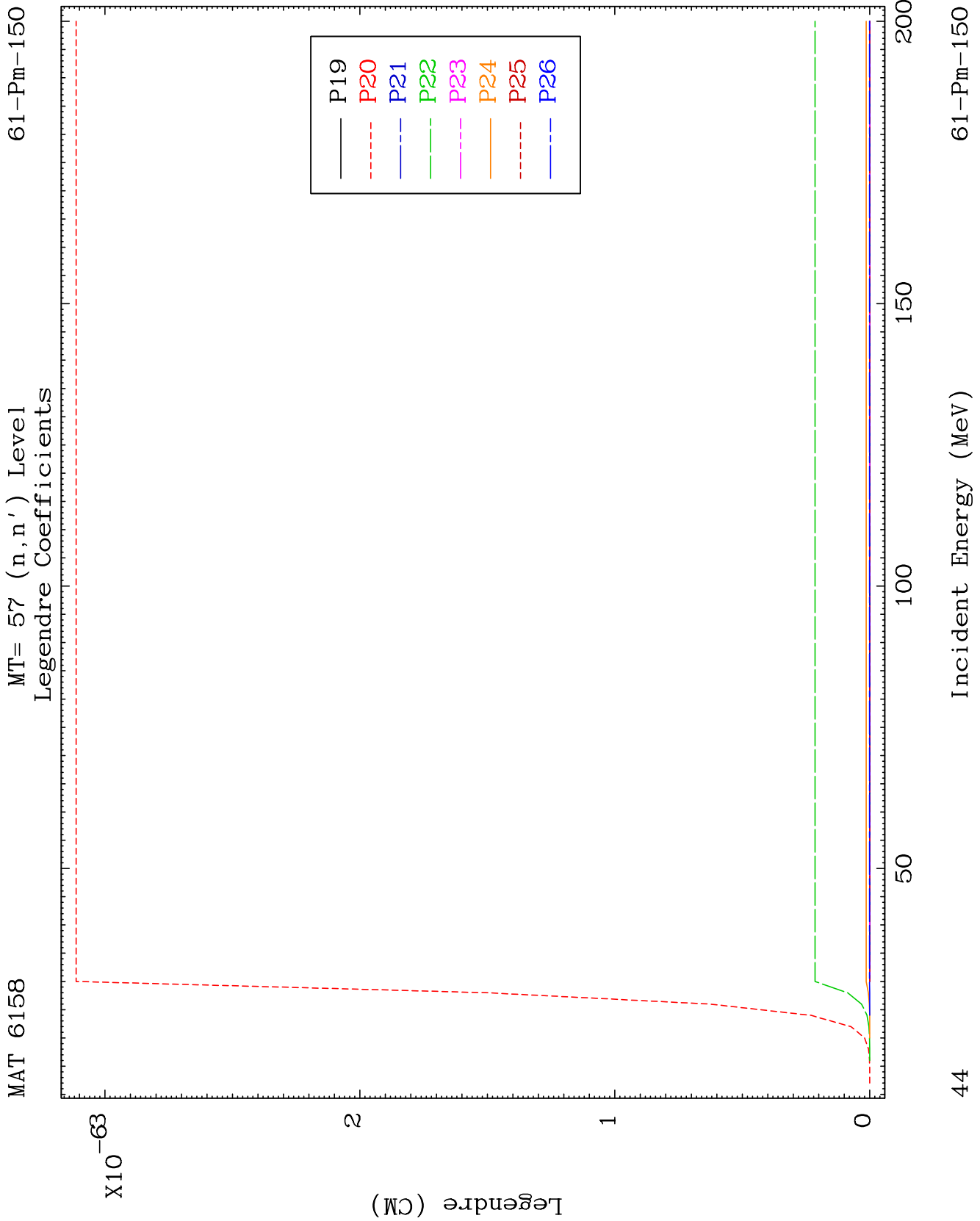
61-Pm-150



43

Incident Energy (MeV)

61-Pm-150

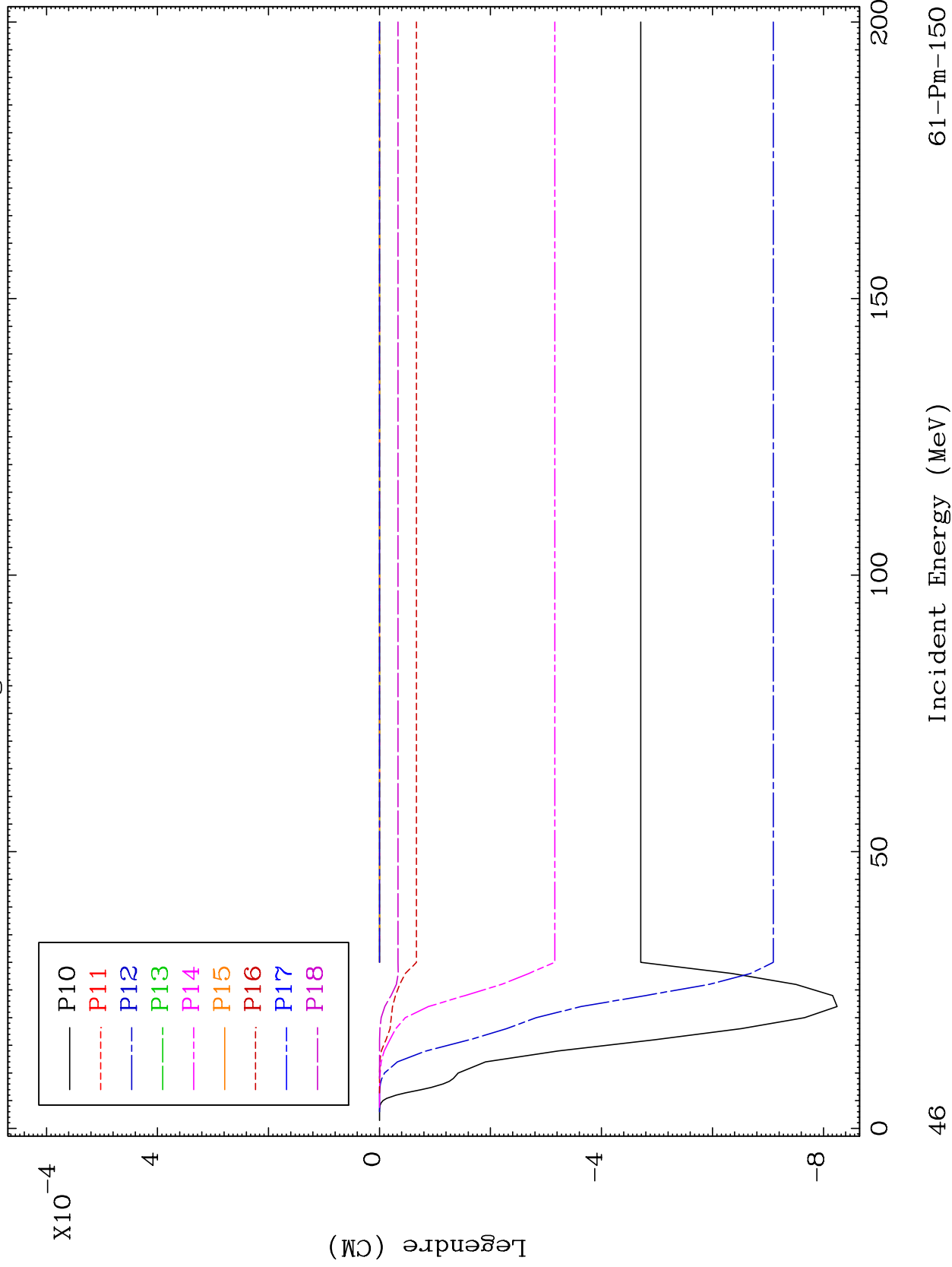




MAT 6158

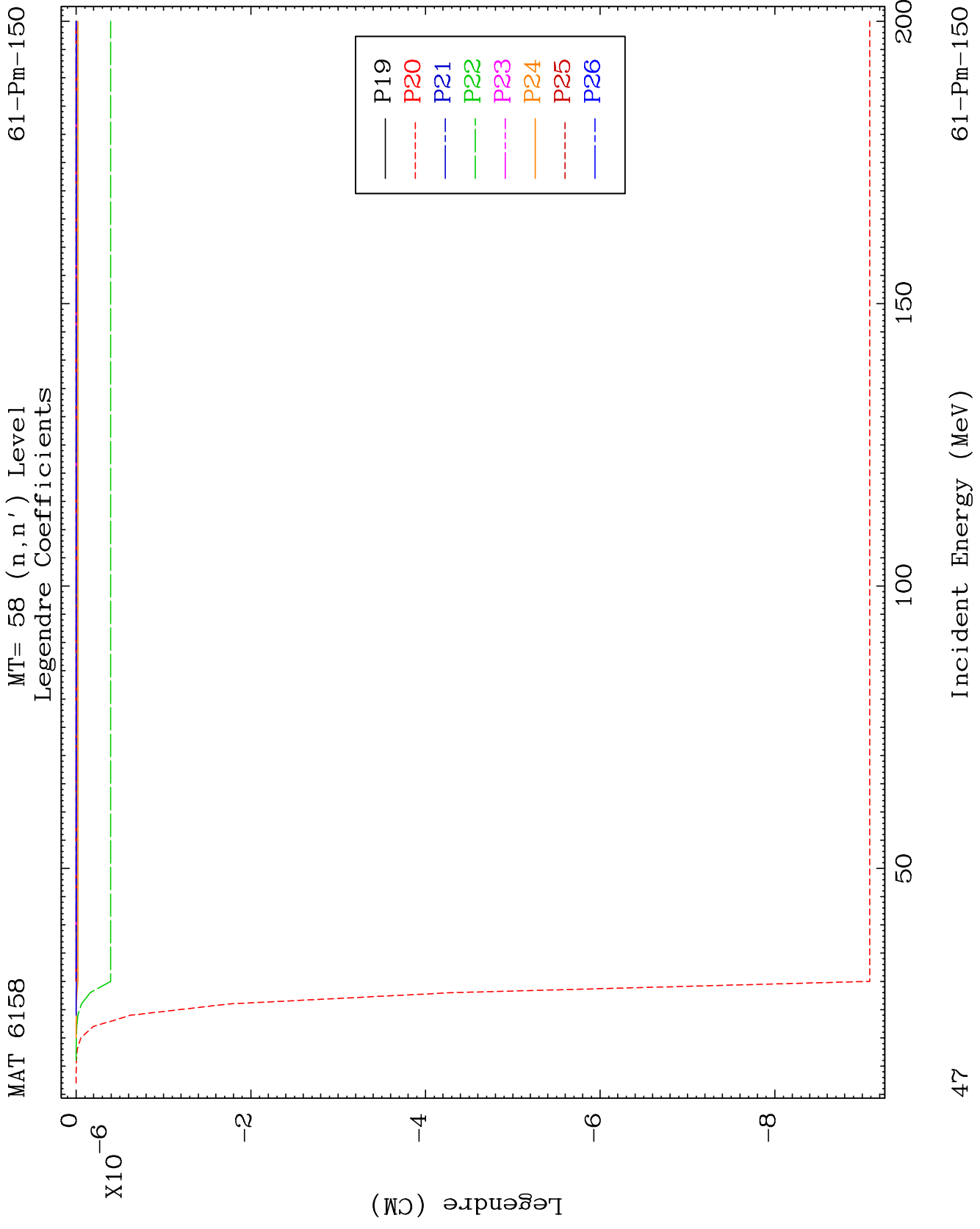
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Legendre Coefficients

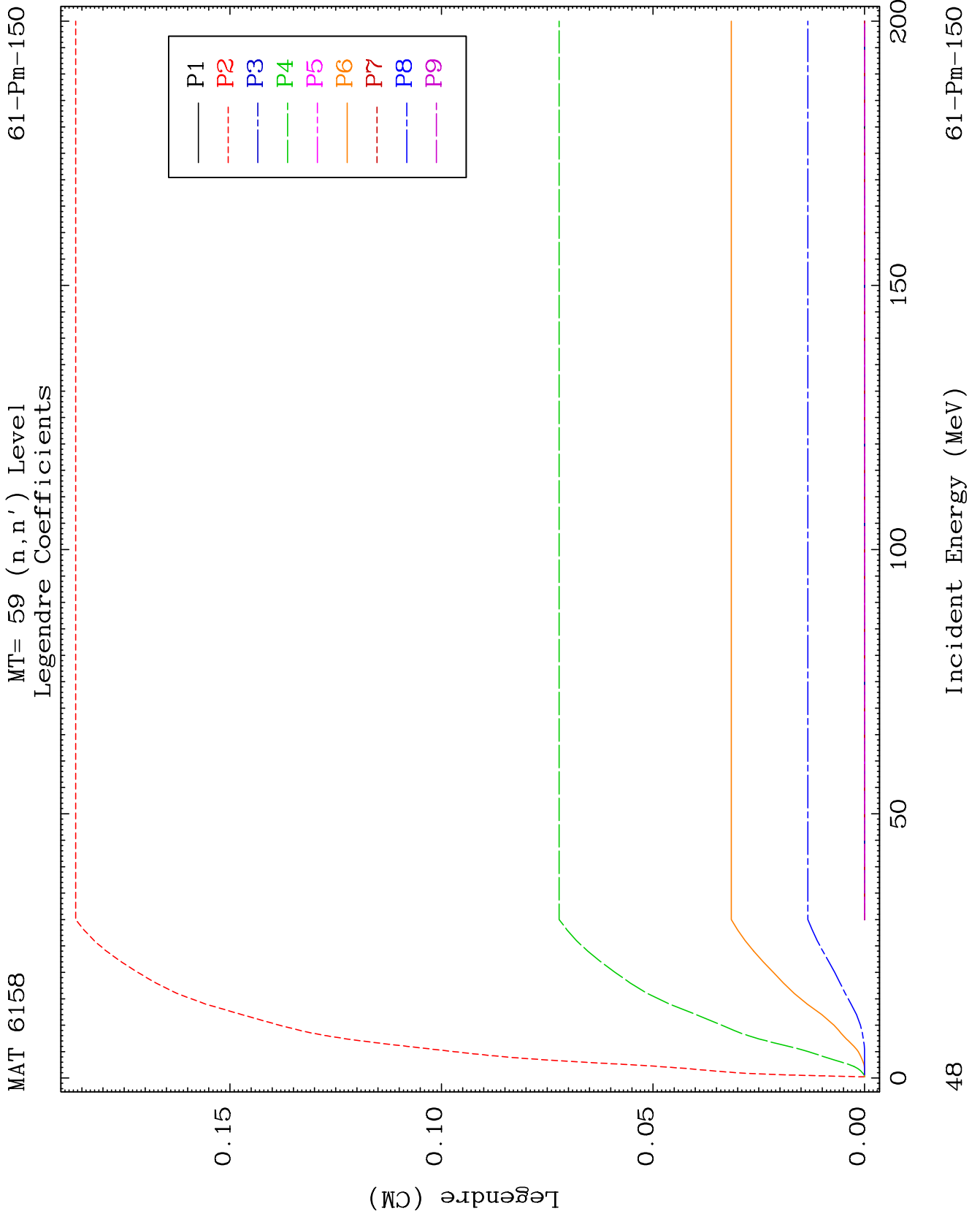
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46

61-Pm-150

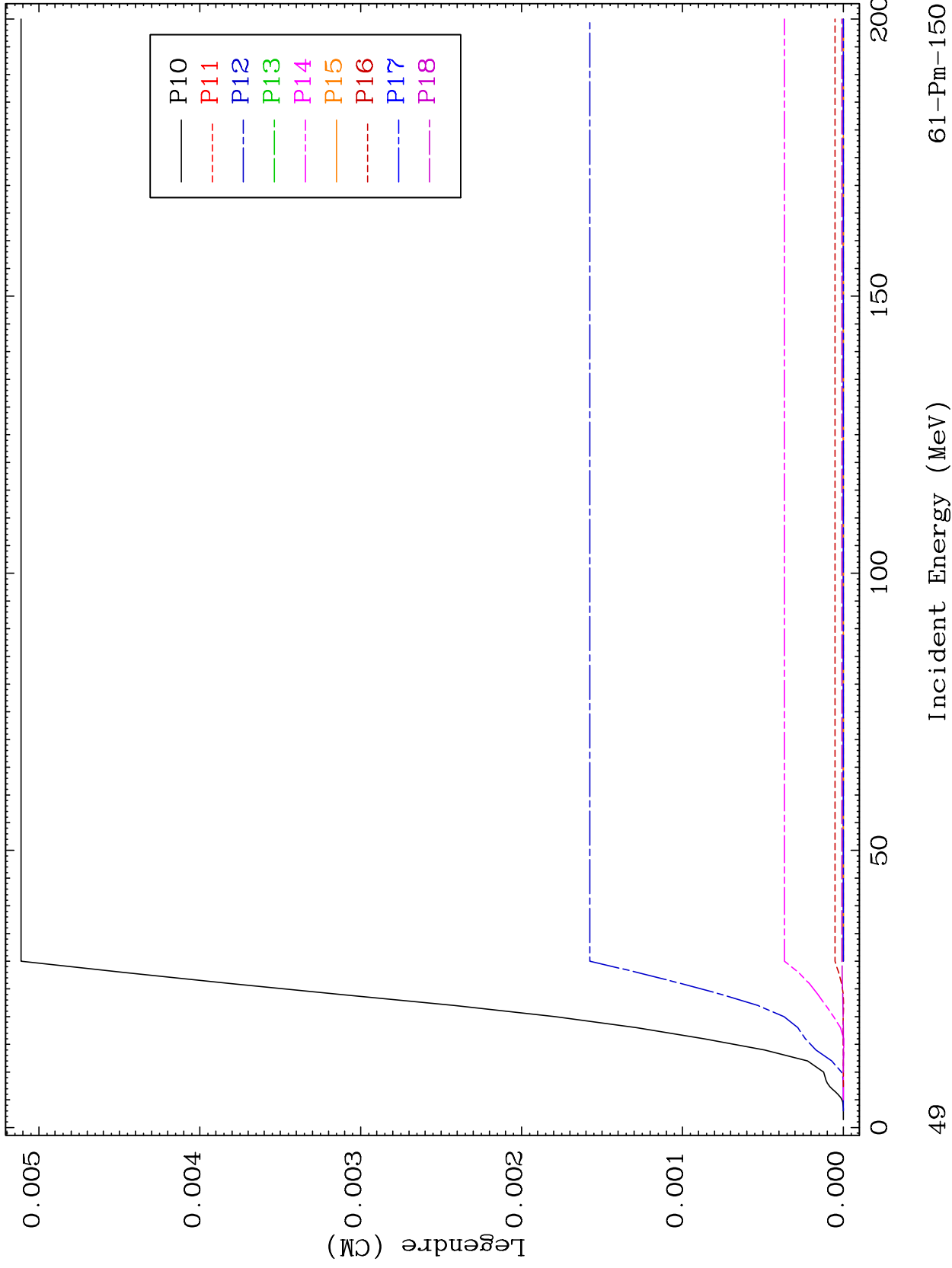




MAT 6158

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

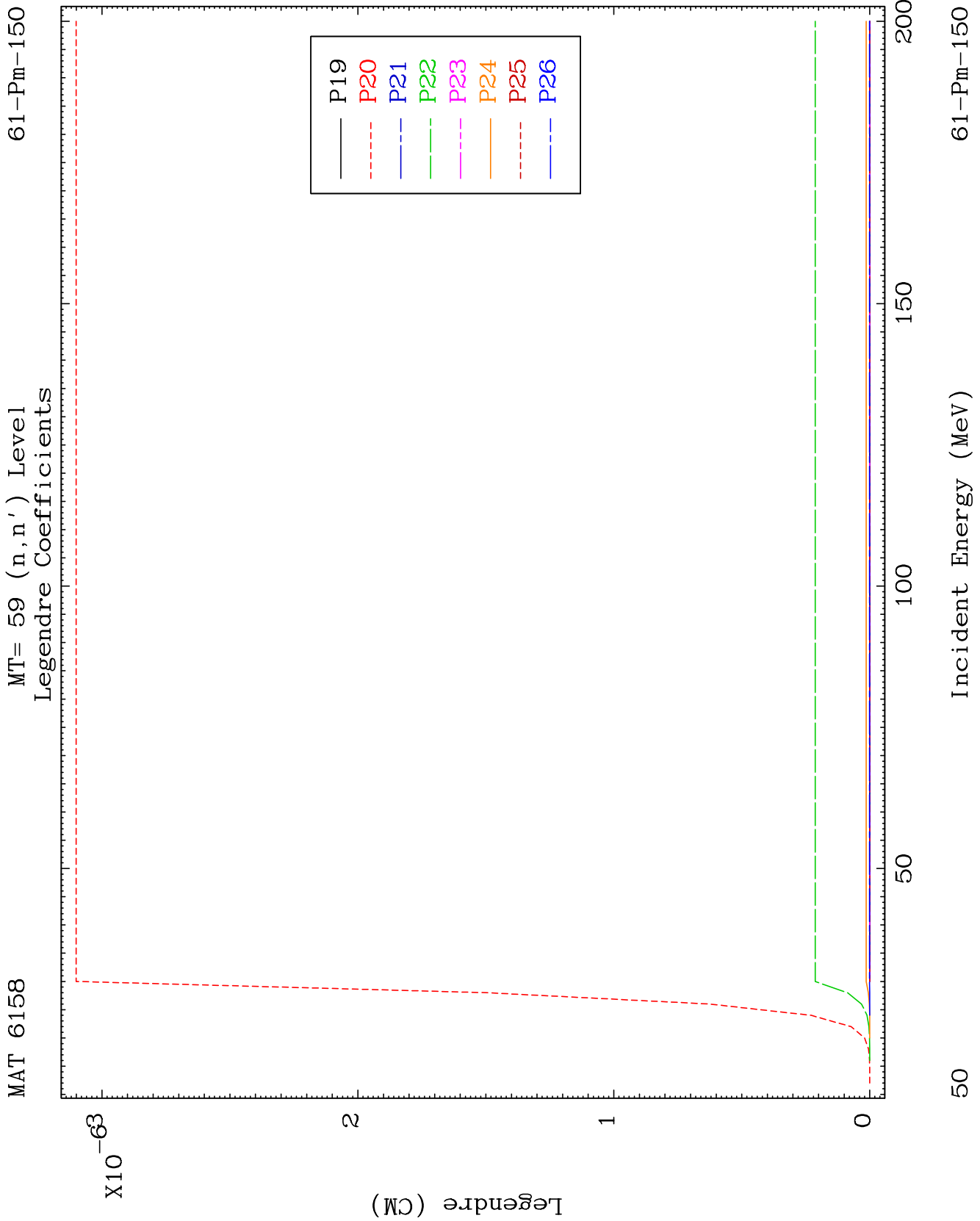
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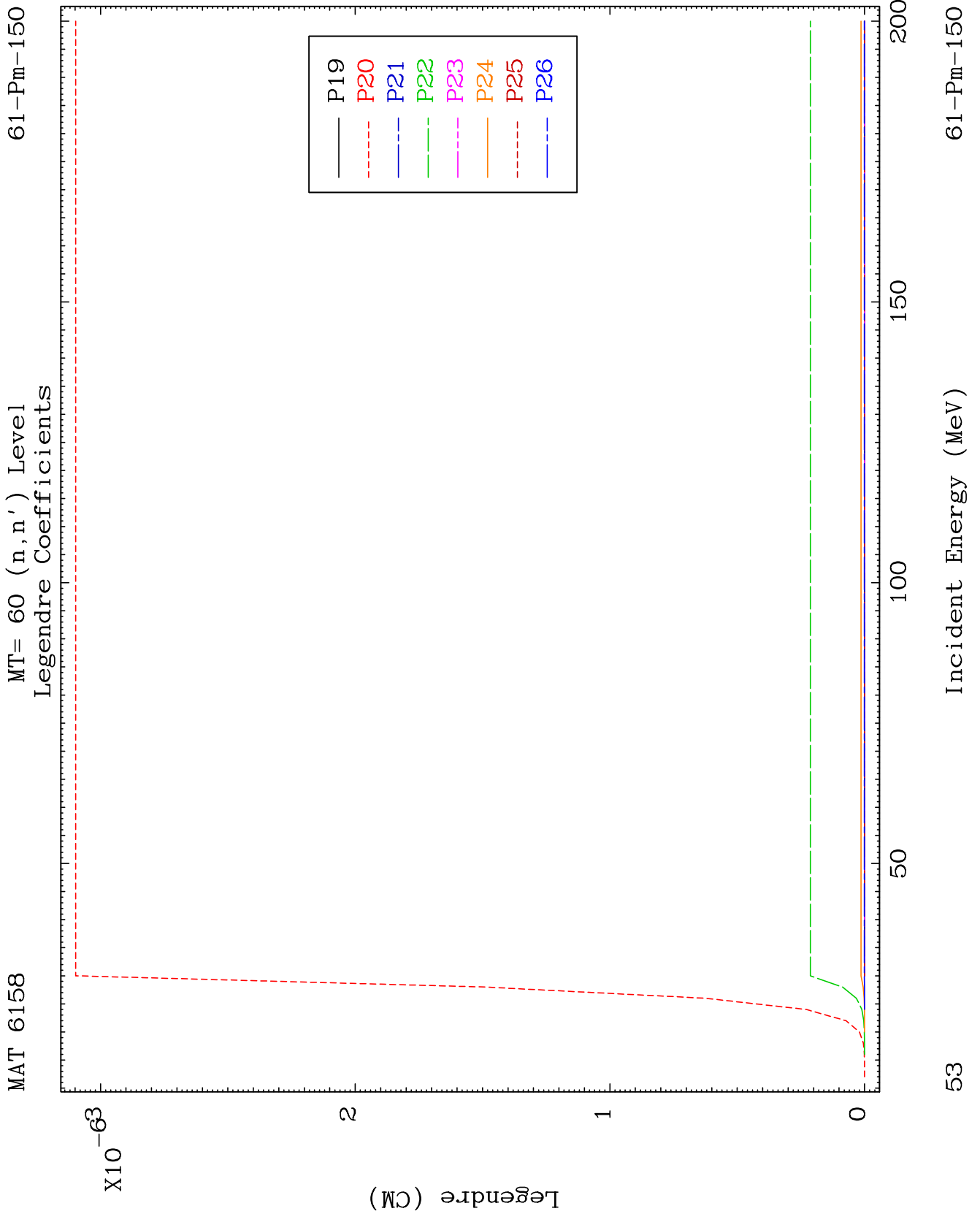
Incident Energy (MeV)

61-Pm-150

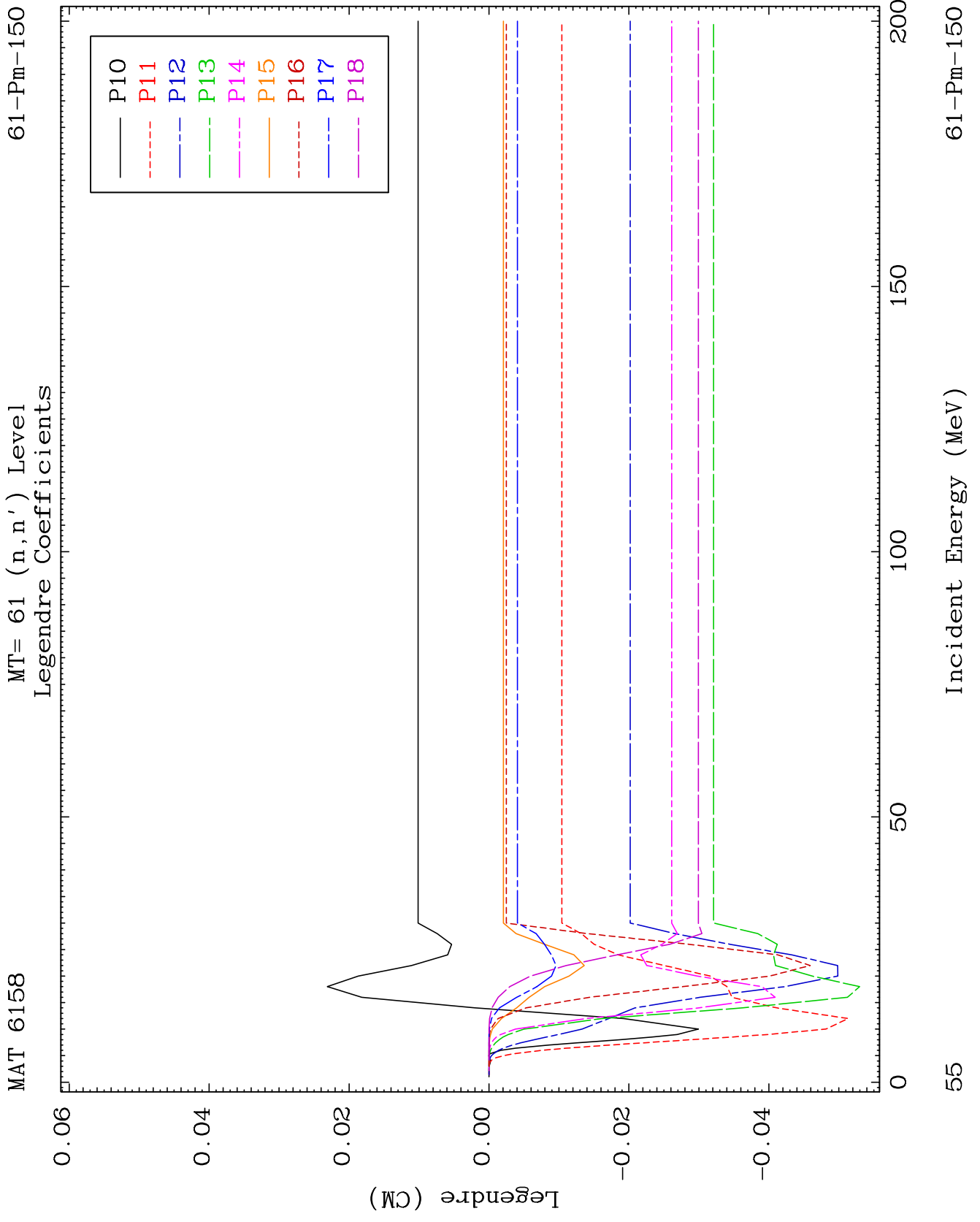








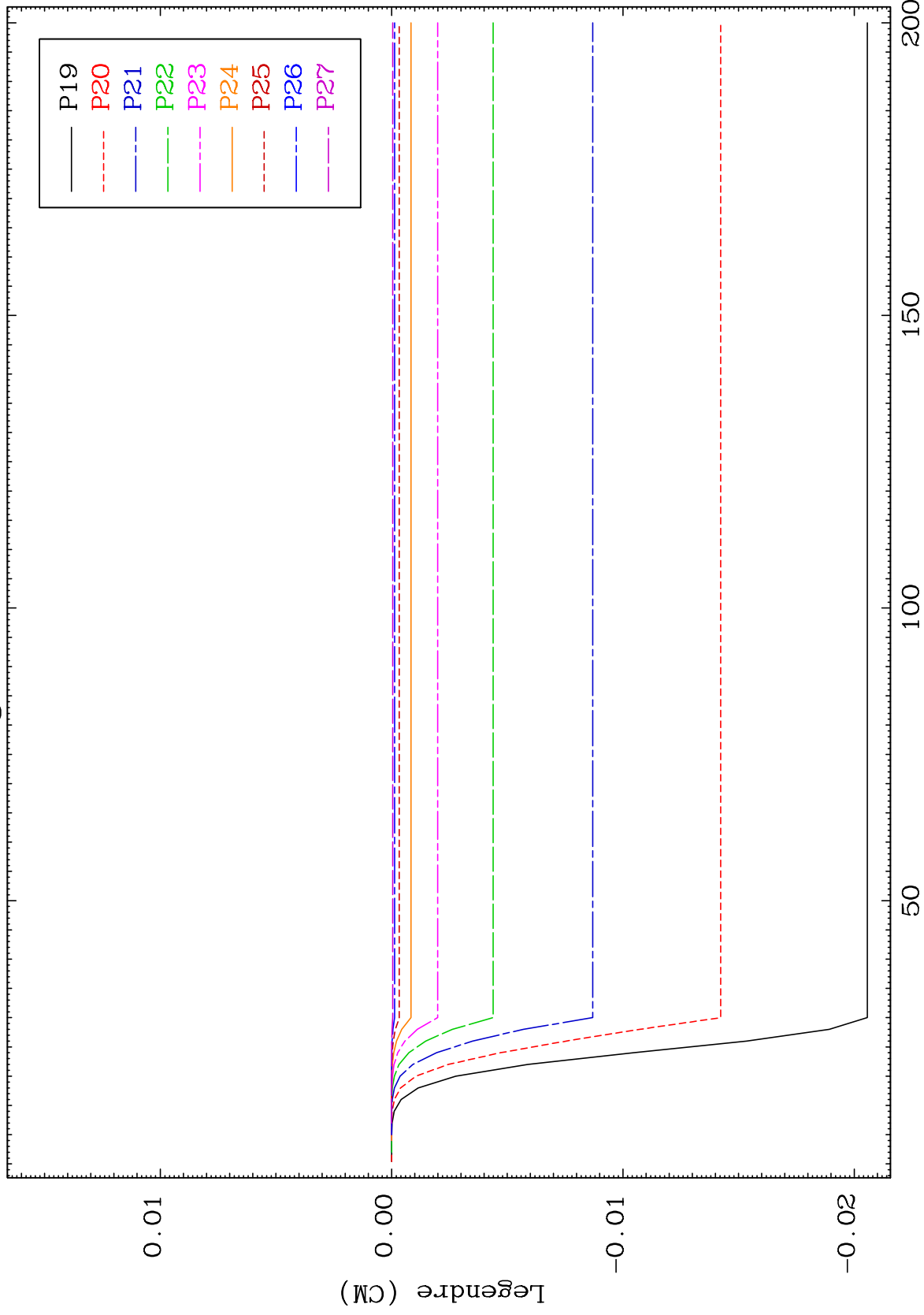




MAT 6158

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

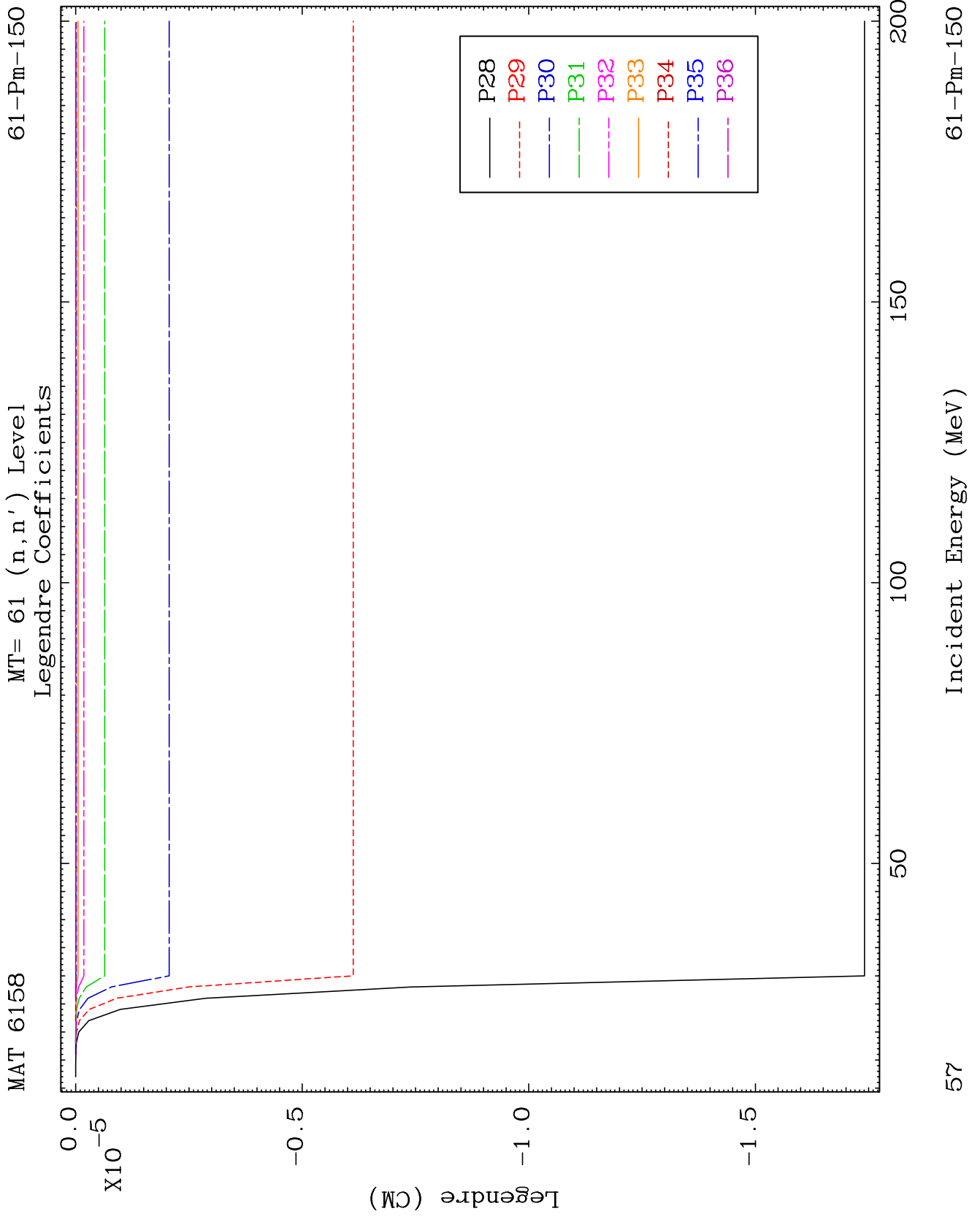
61-Pm-150



56

Incident Energy (MeV)

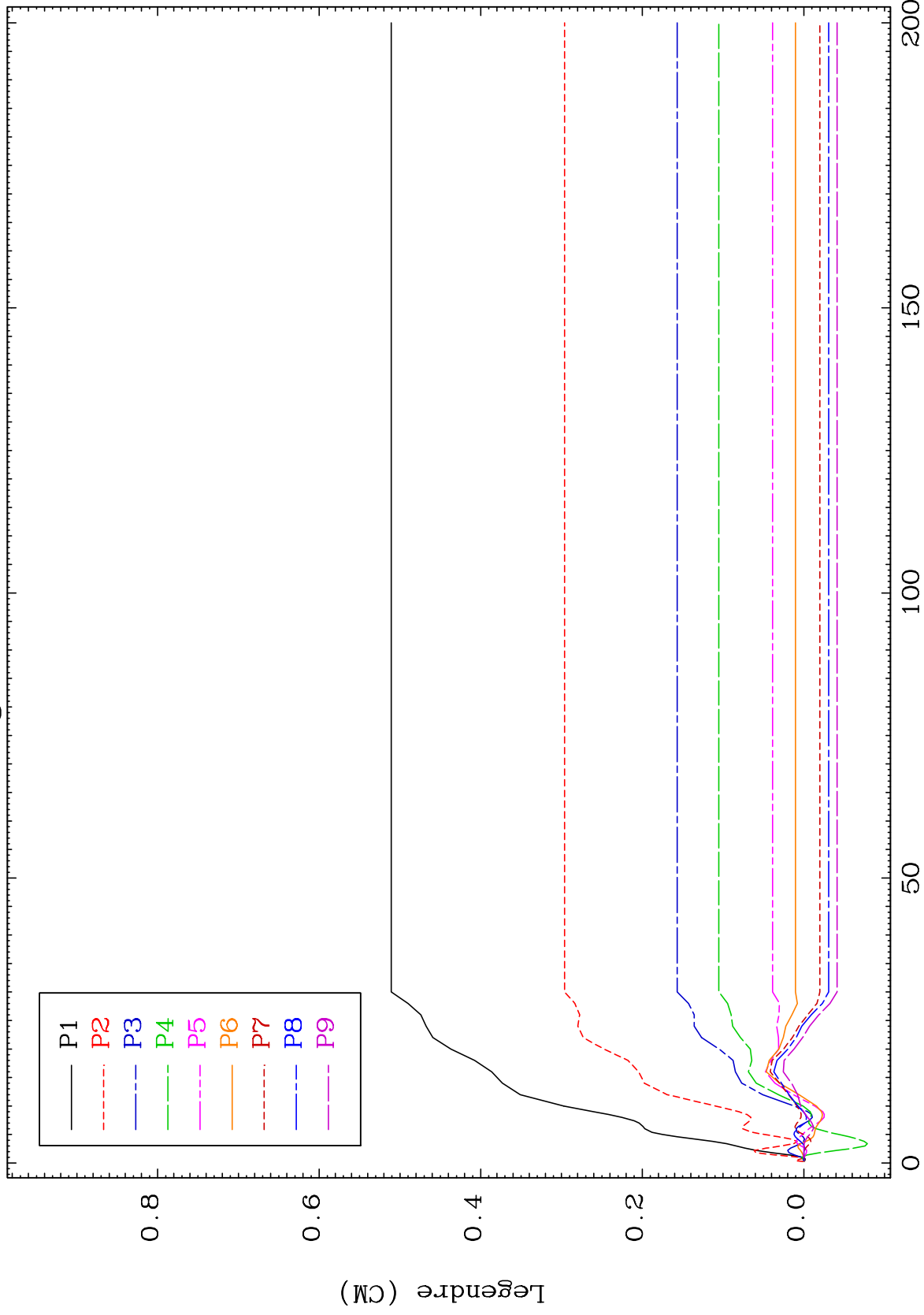
61-Pm-150



MAT 6158

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

61-Pm-150



61-Pm-150

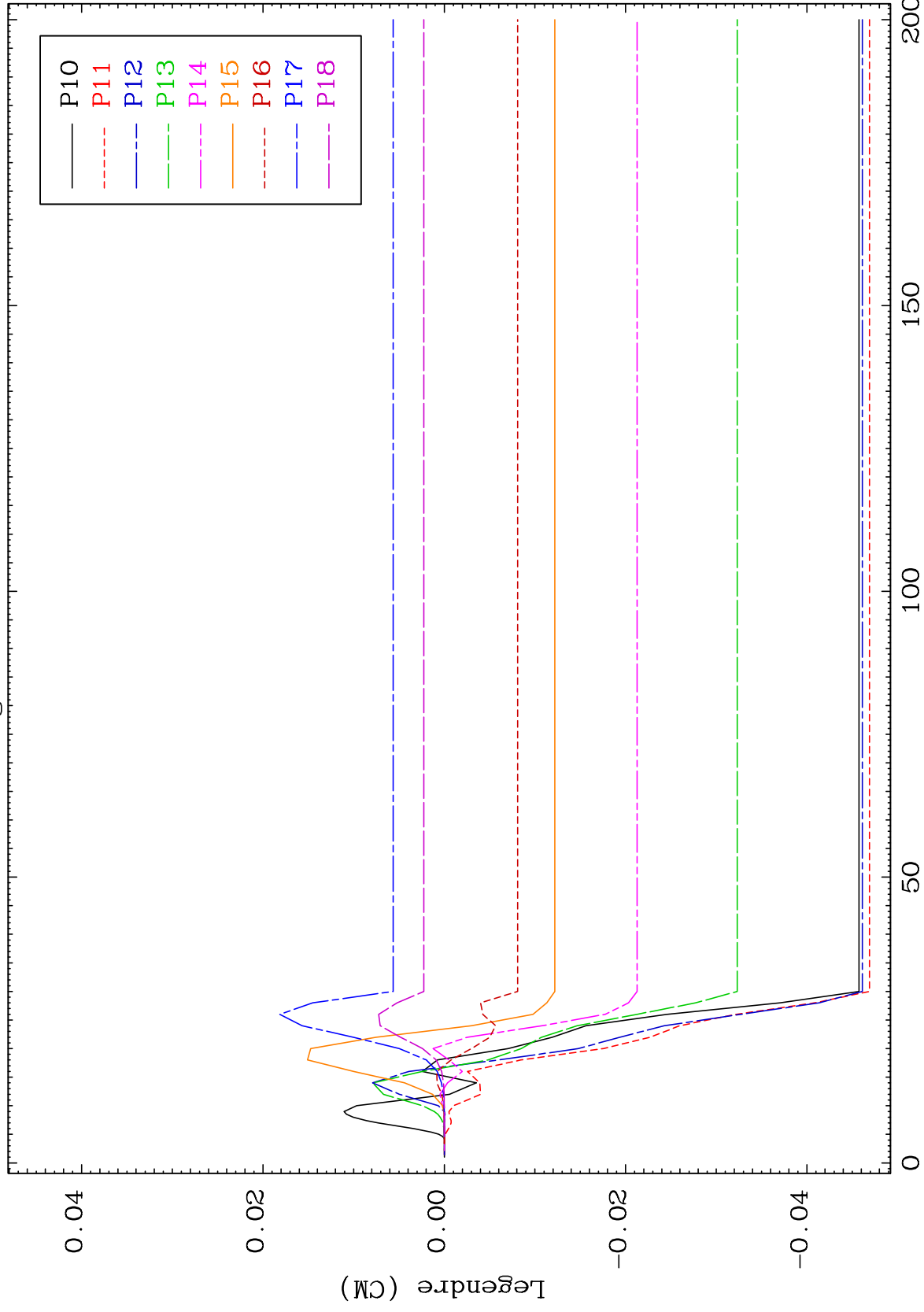
Incident Energy (MeV)

58

MAT 6158

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

61-Pm-150



59

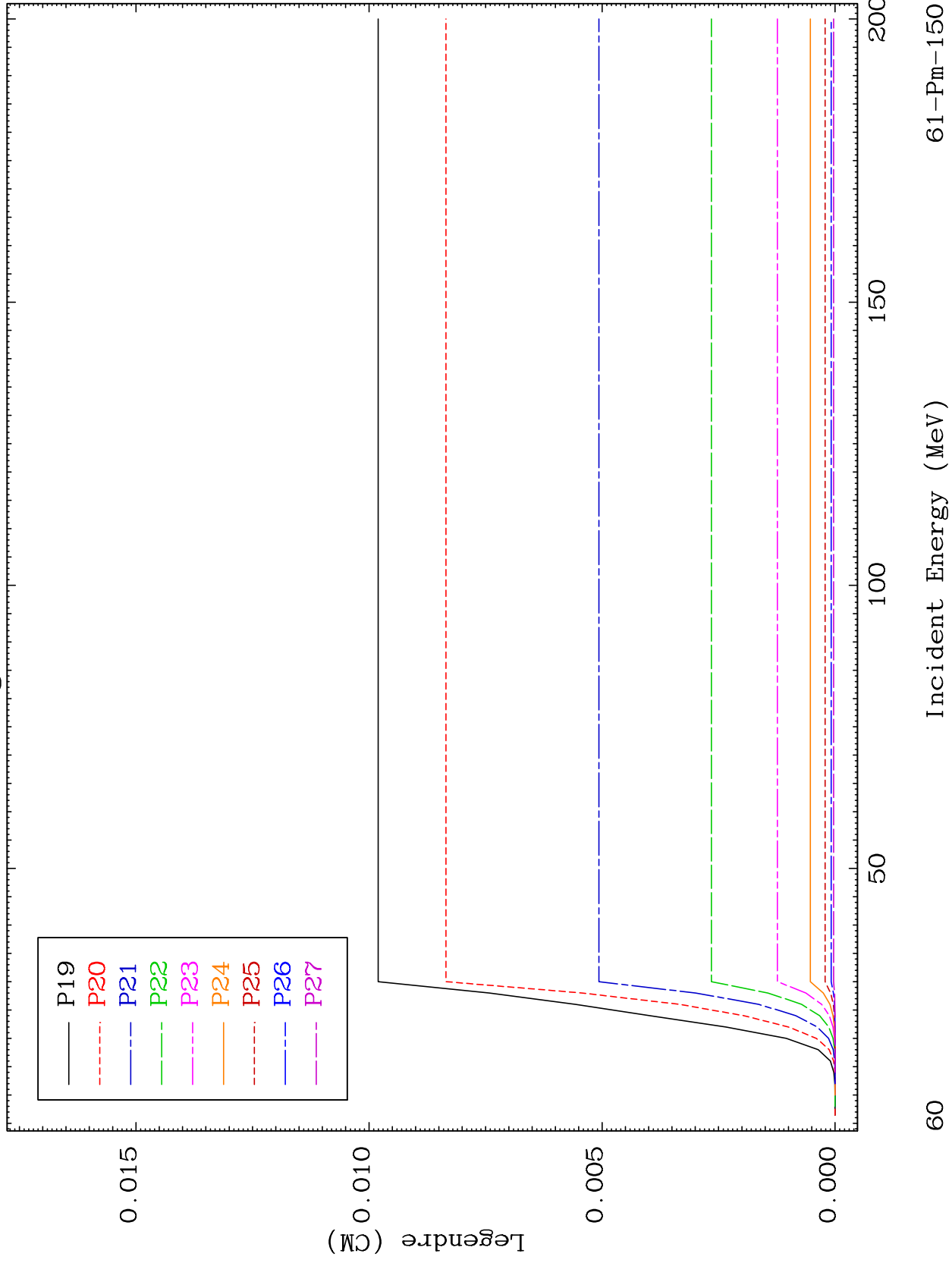
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



61-Pm-150

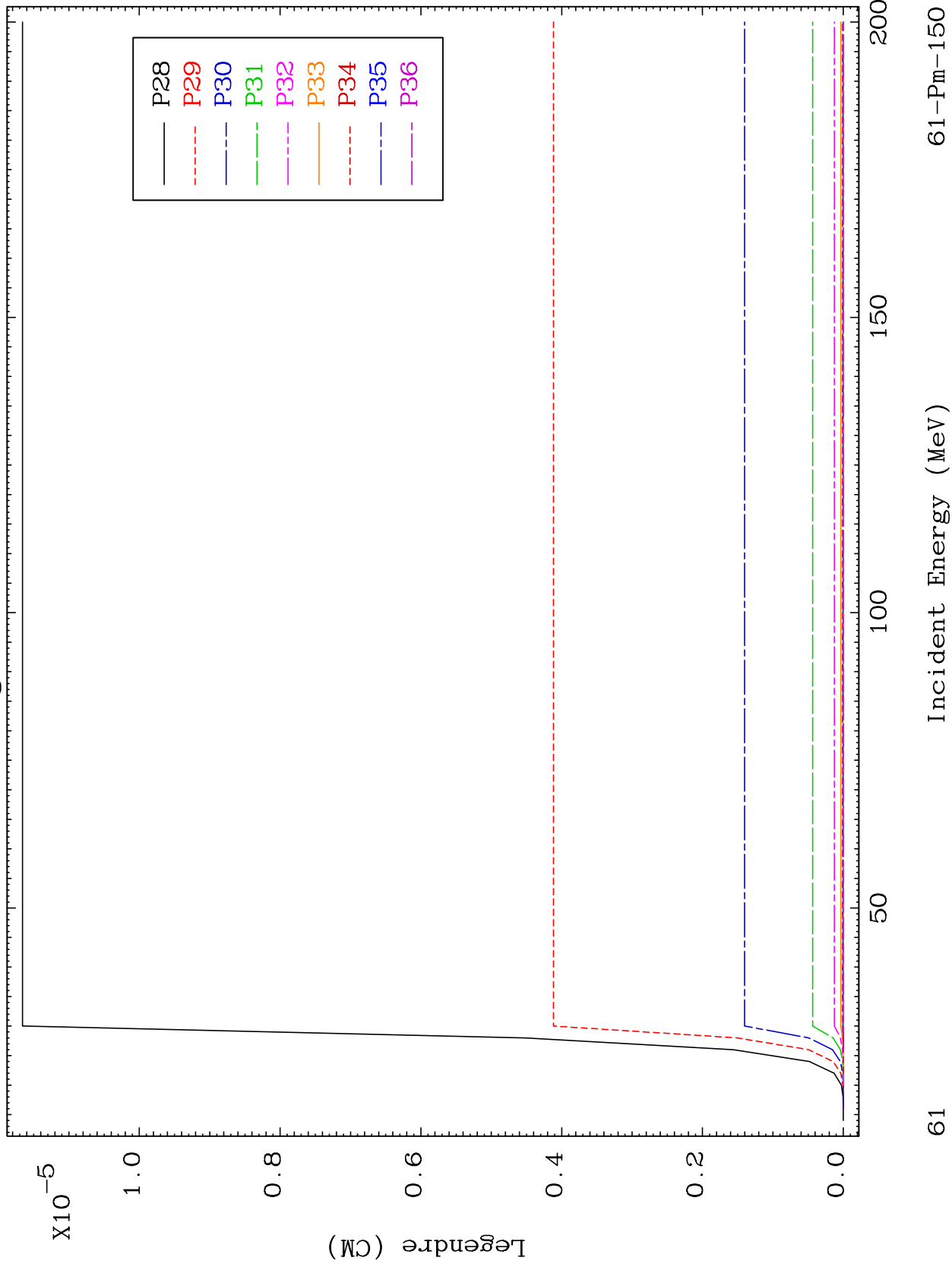
Incident Energy (MeV)

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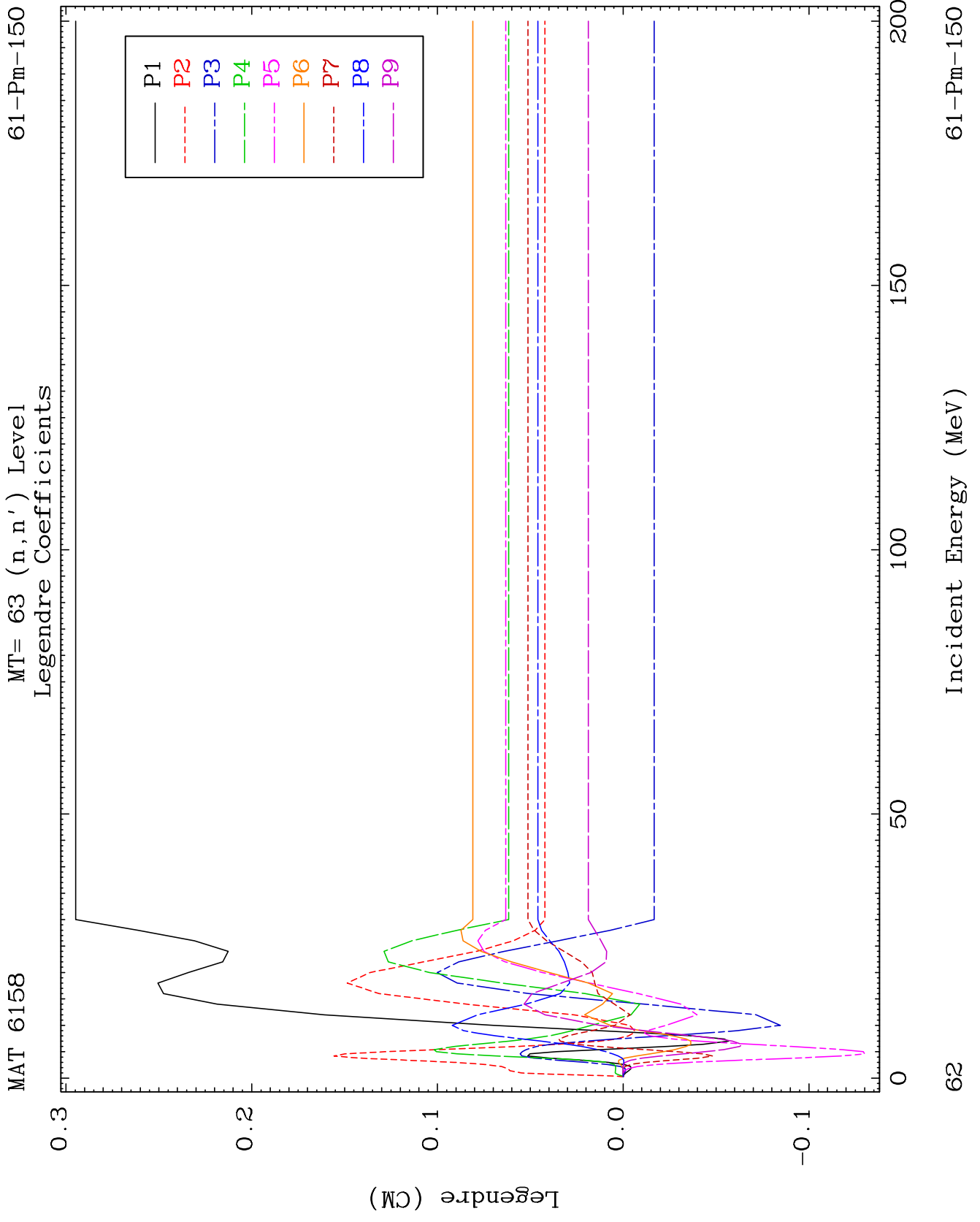
MAT 6158

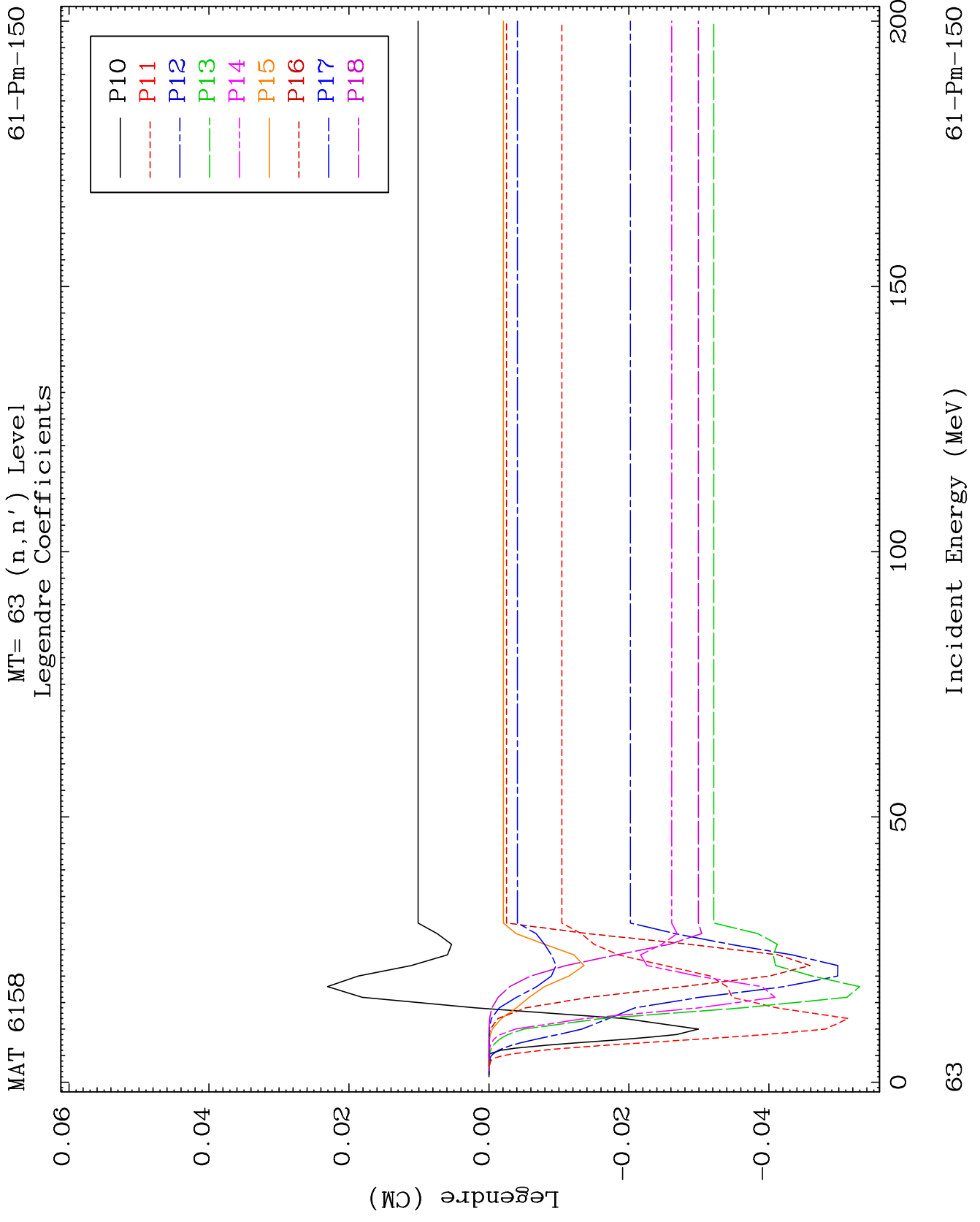
MT= 62 (n,n') Level  
Legendre Coefficients

61-Pm-150



61

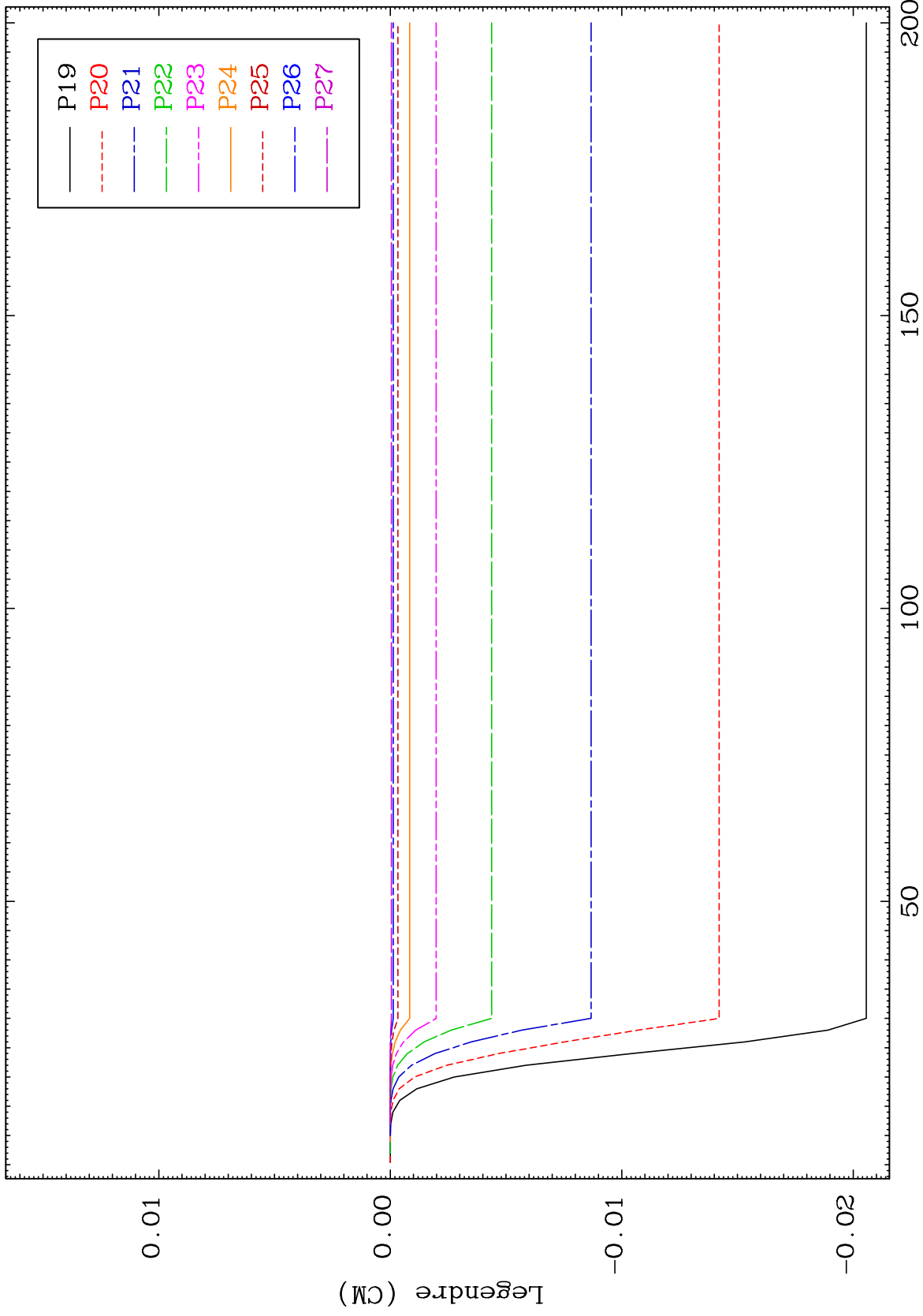




MAT 6158

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

61-Pm-150



64

Incident Energy (MeV)

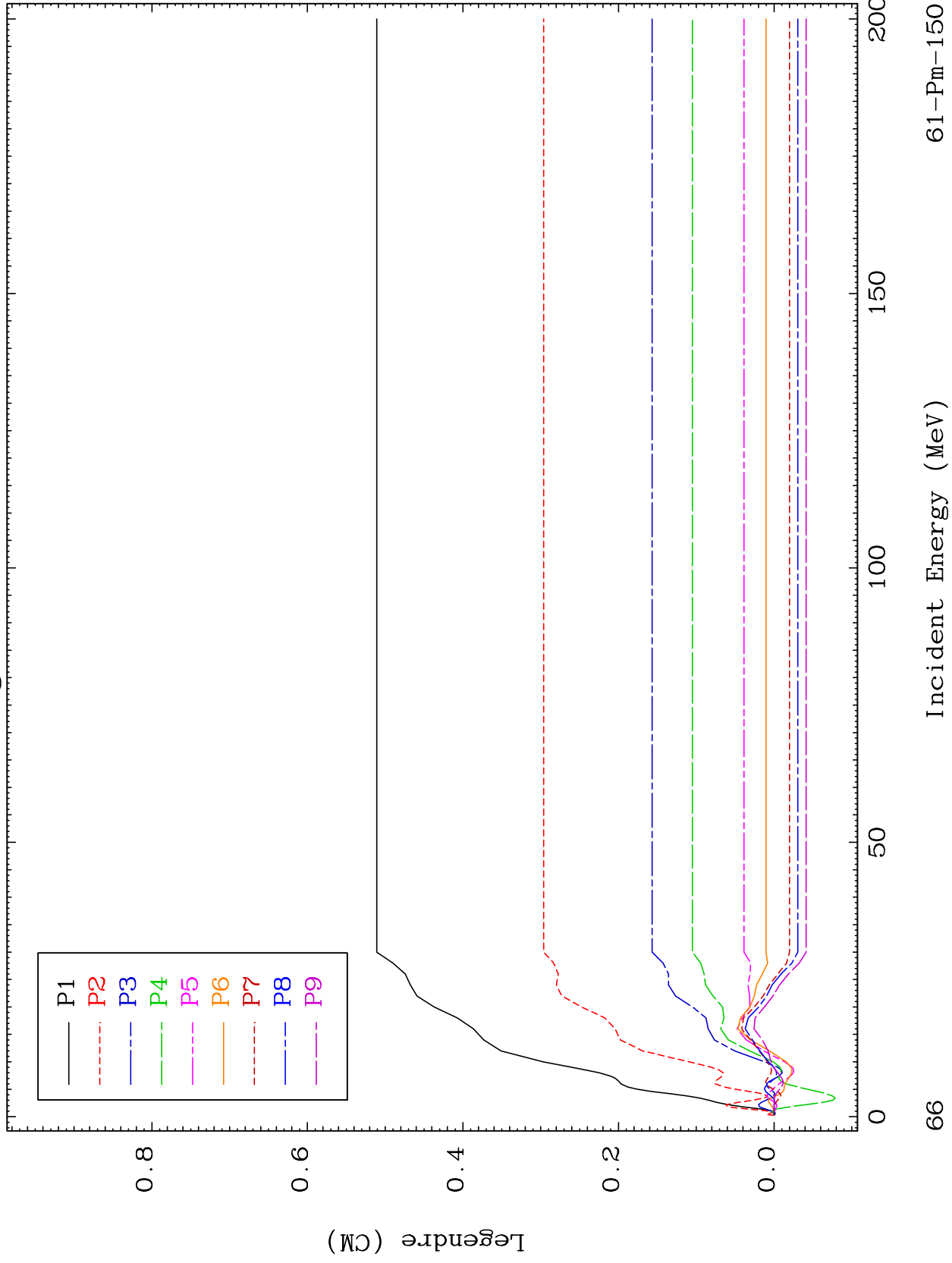
61-Pm-150



MAT 6158

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

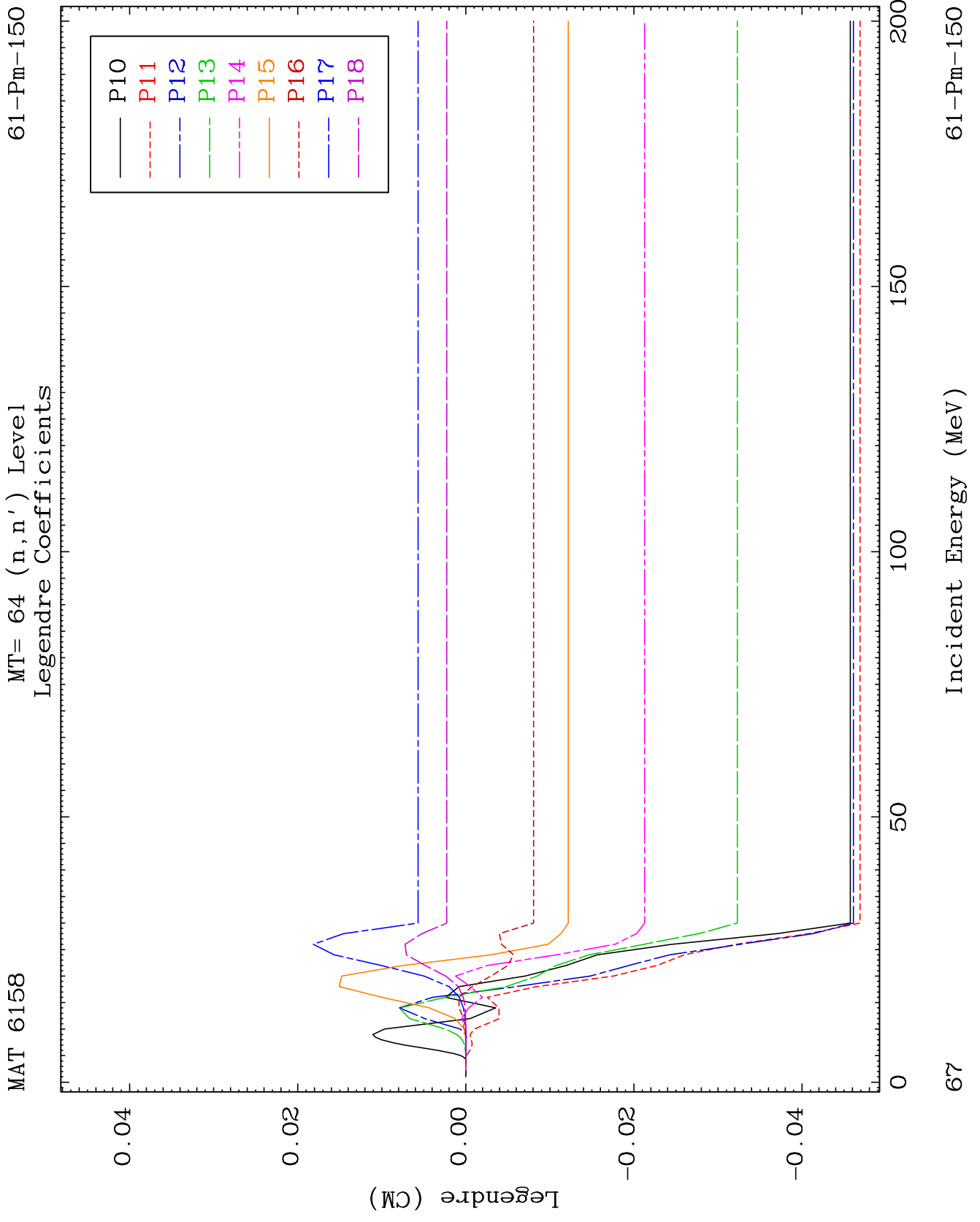
61-Pm-150



61-Pm-150

Incident Energy (MeV)

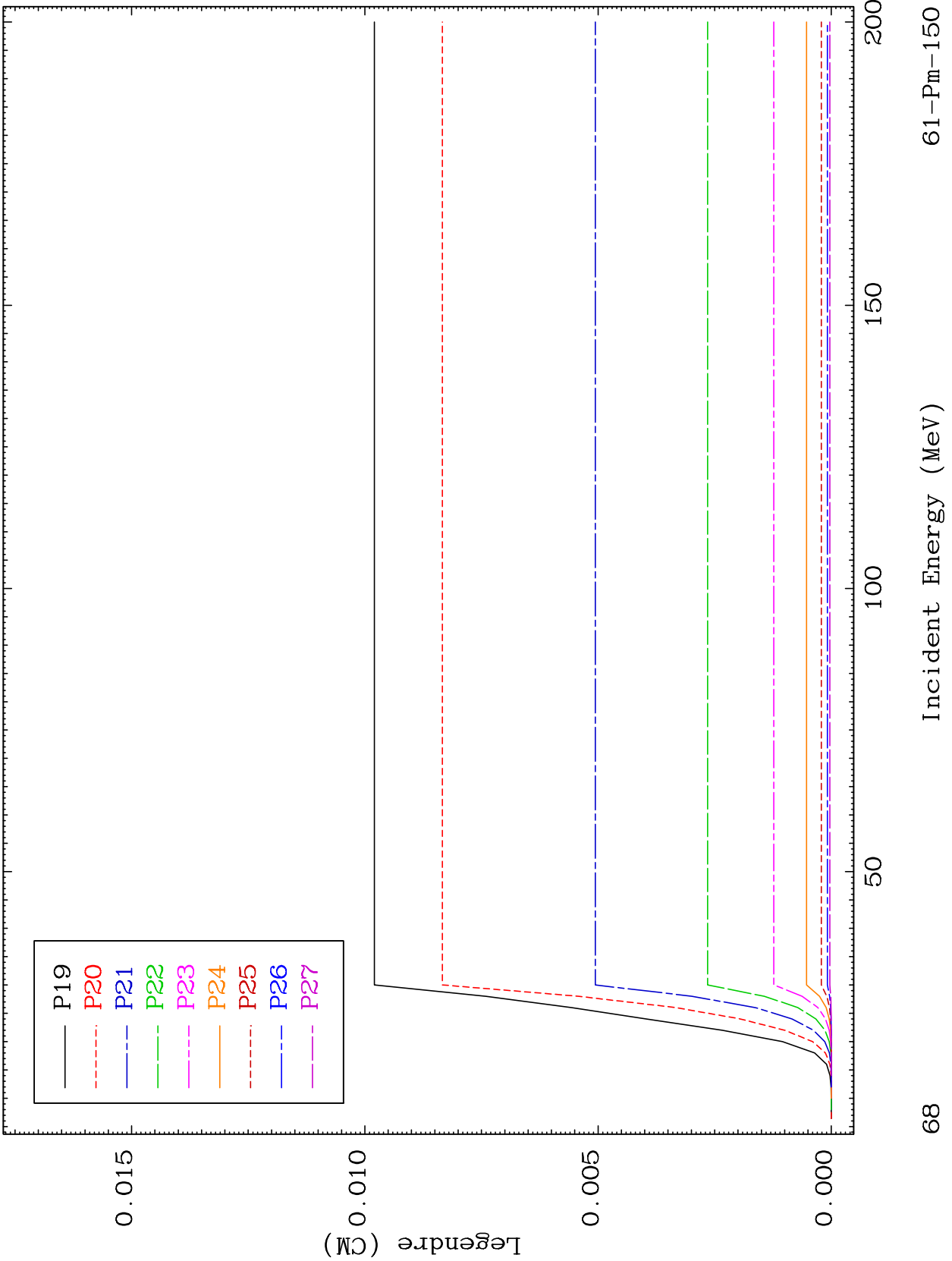
66



MAT 6158

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

61-Pm-150



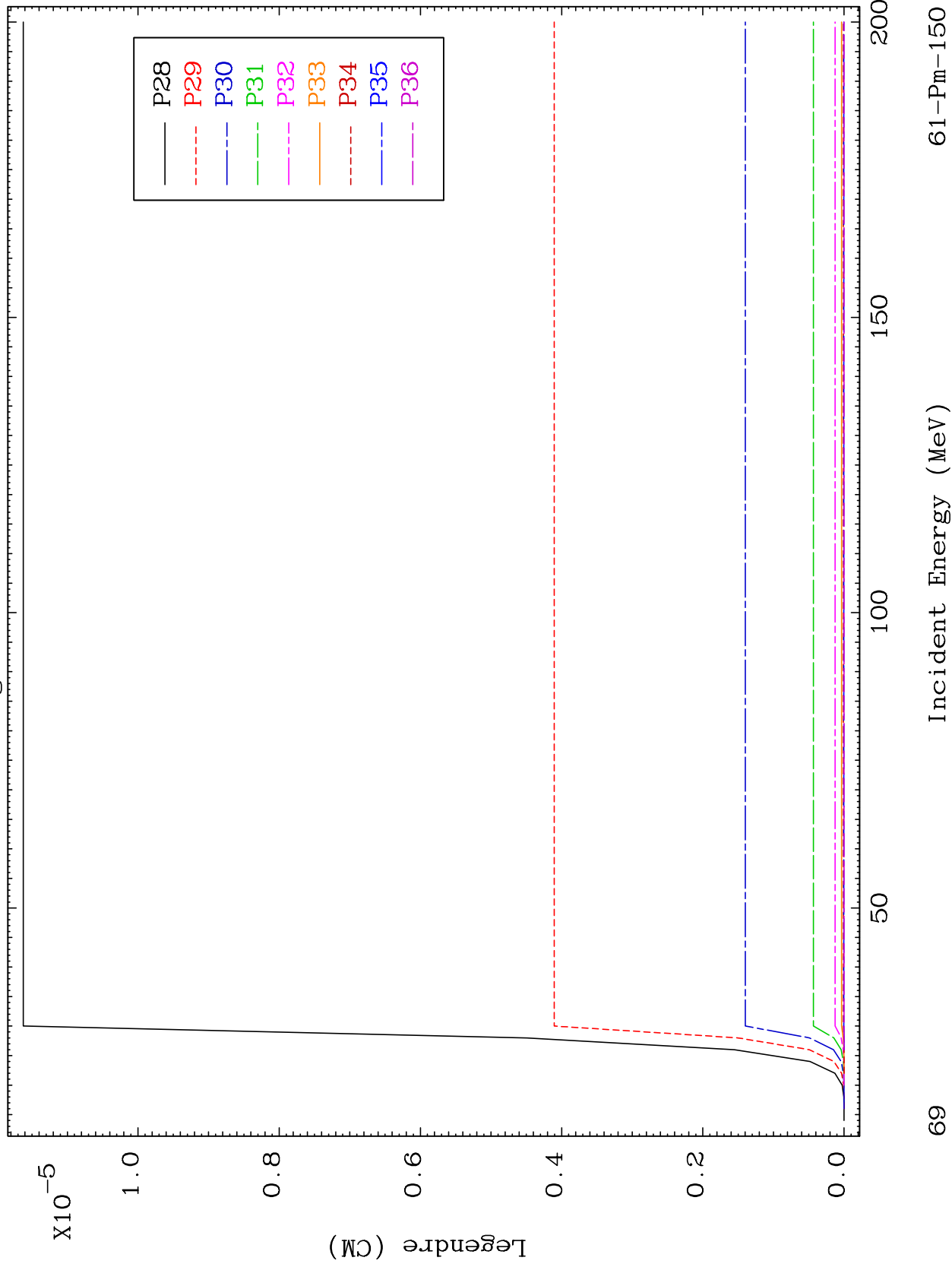
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61-Pm-150

MAT 6158

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

61-Pm-150

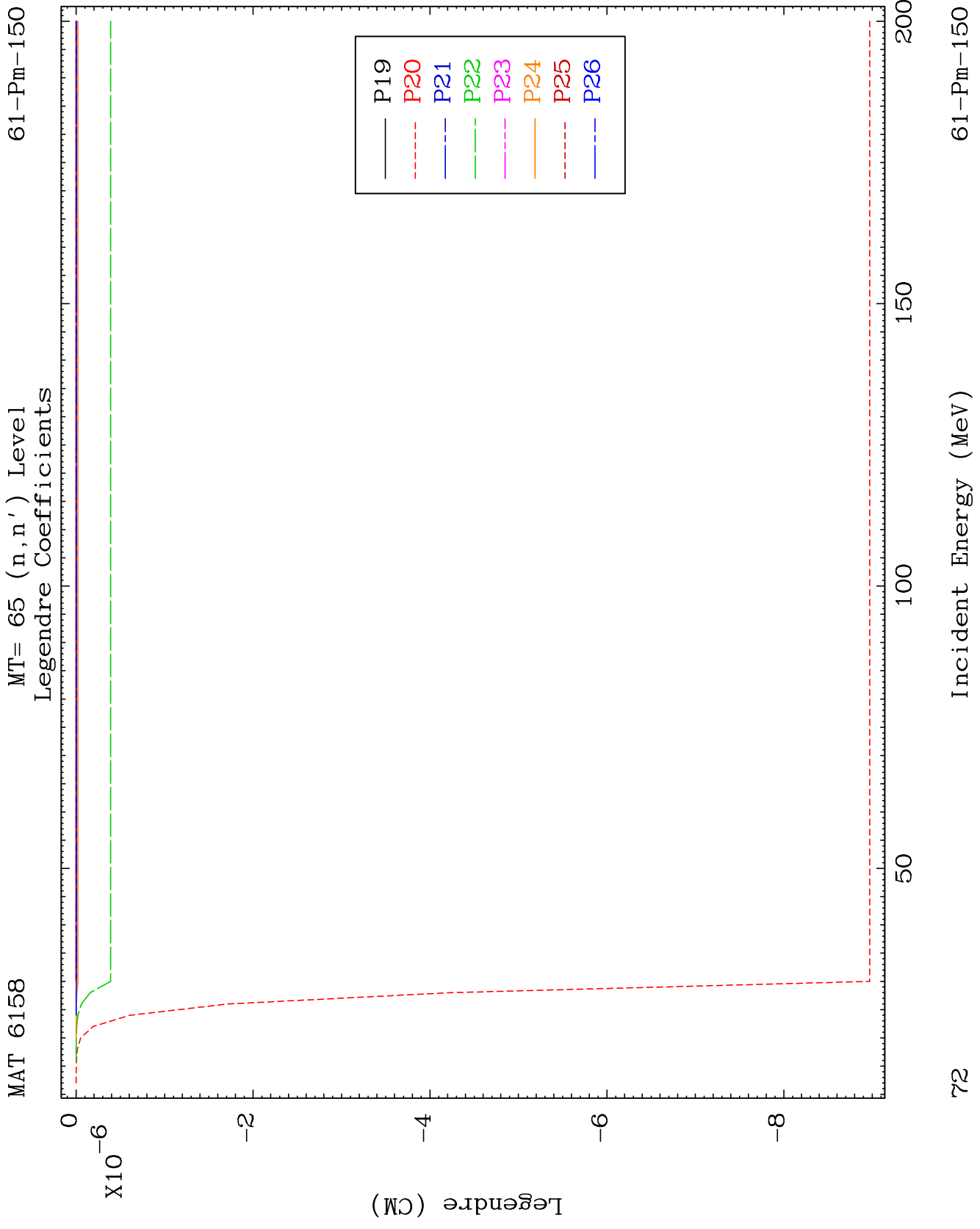


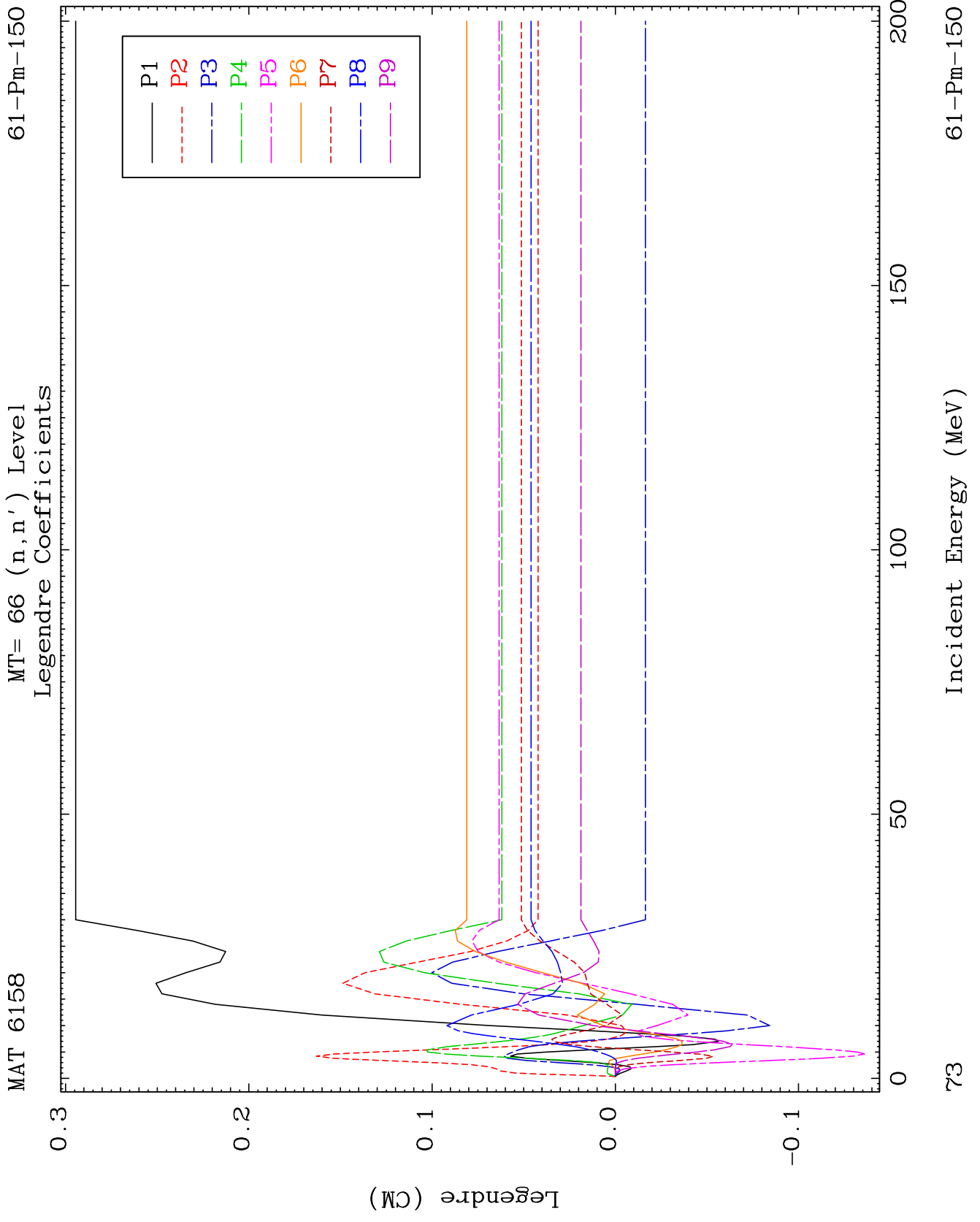
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61-Pm-150







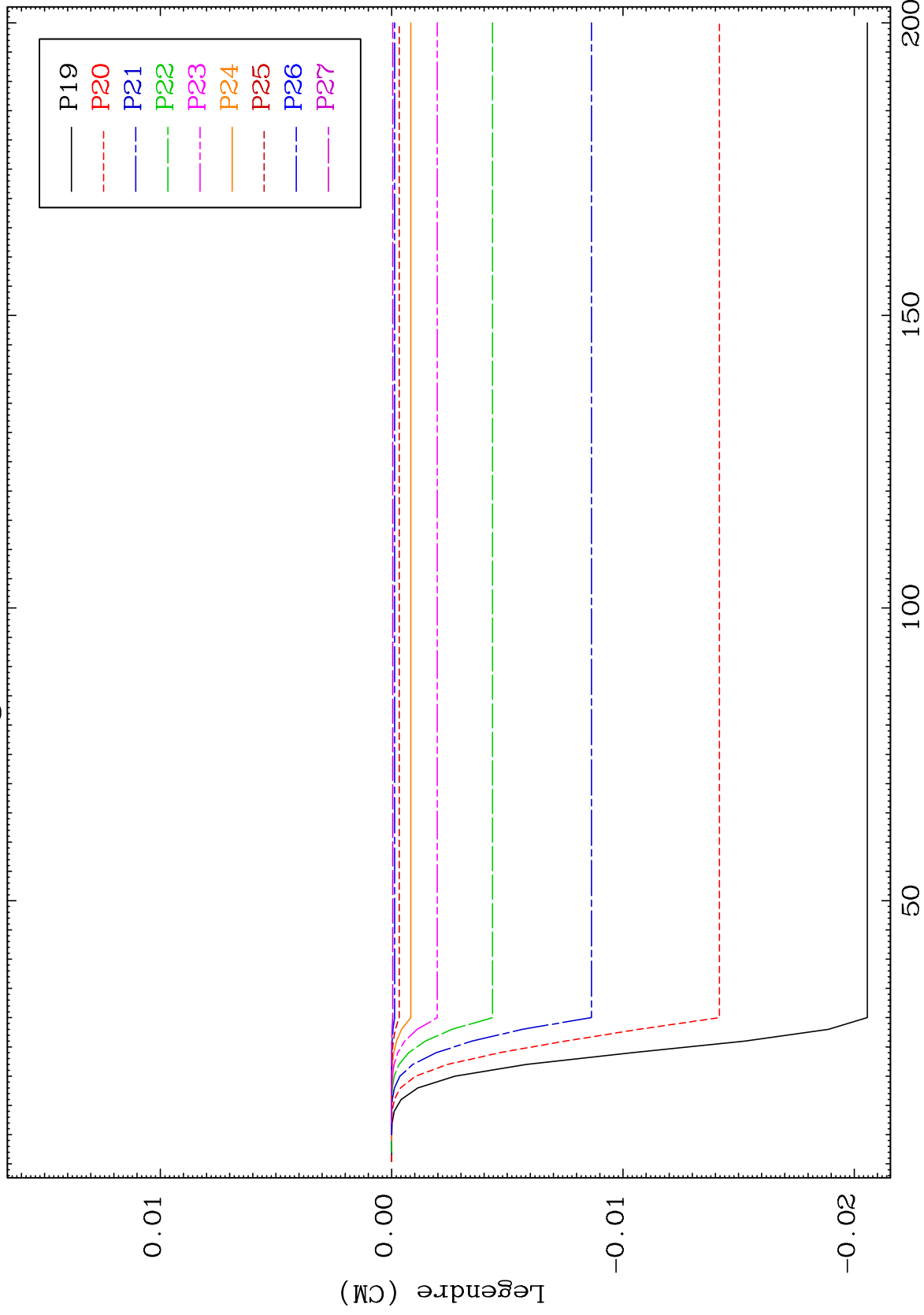




MAT 6158

MT= 66 (n,n') Level  
Legendre Coefficients

61-Pm-150

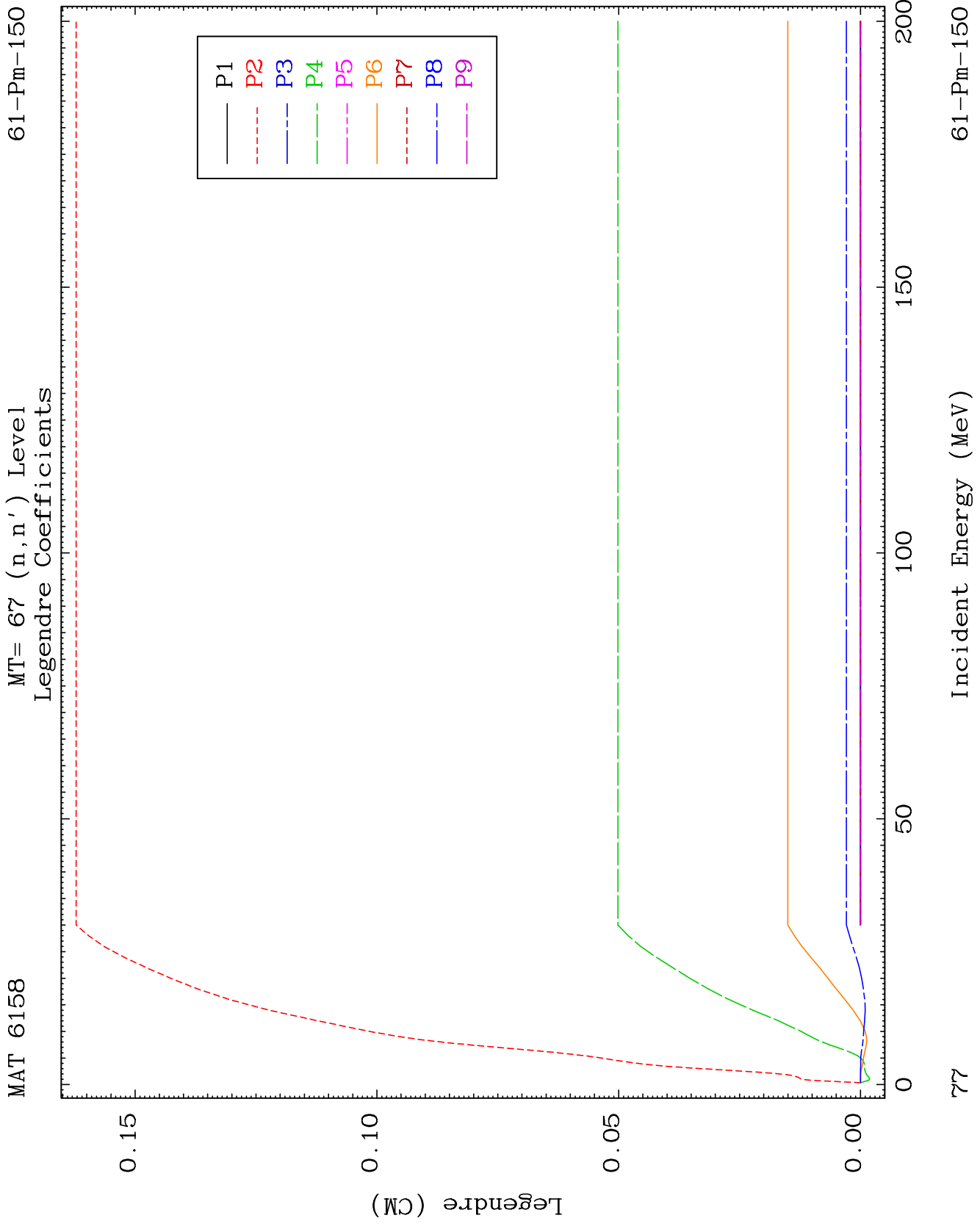


75

Incident Energy (MeV)

61-Pm-150

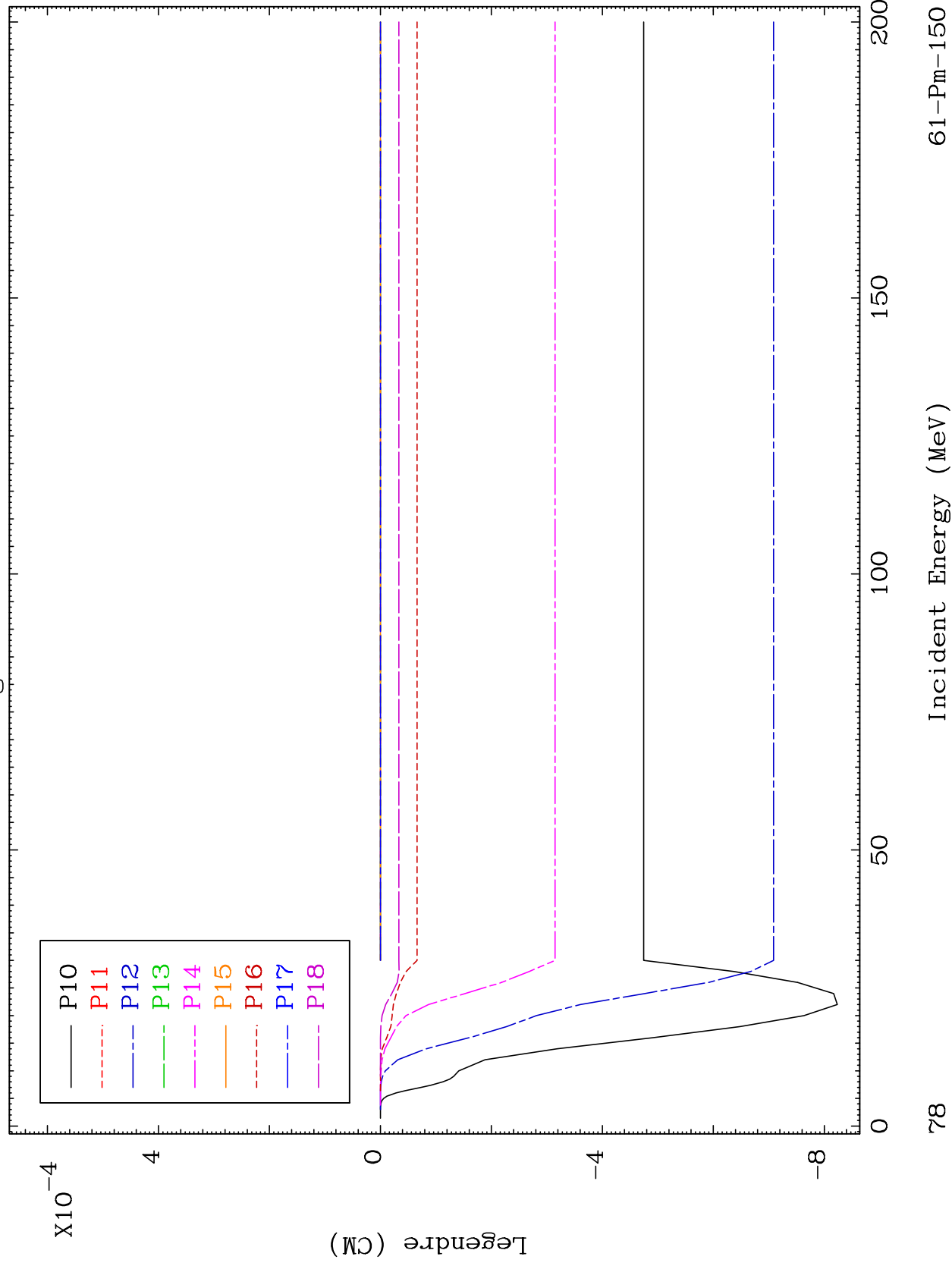




MAT 6158

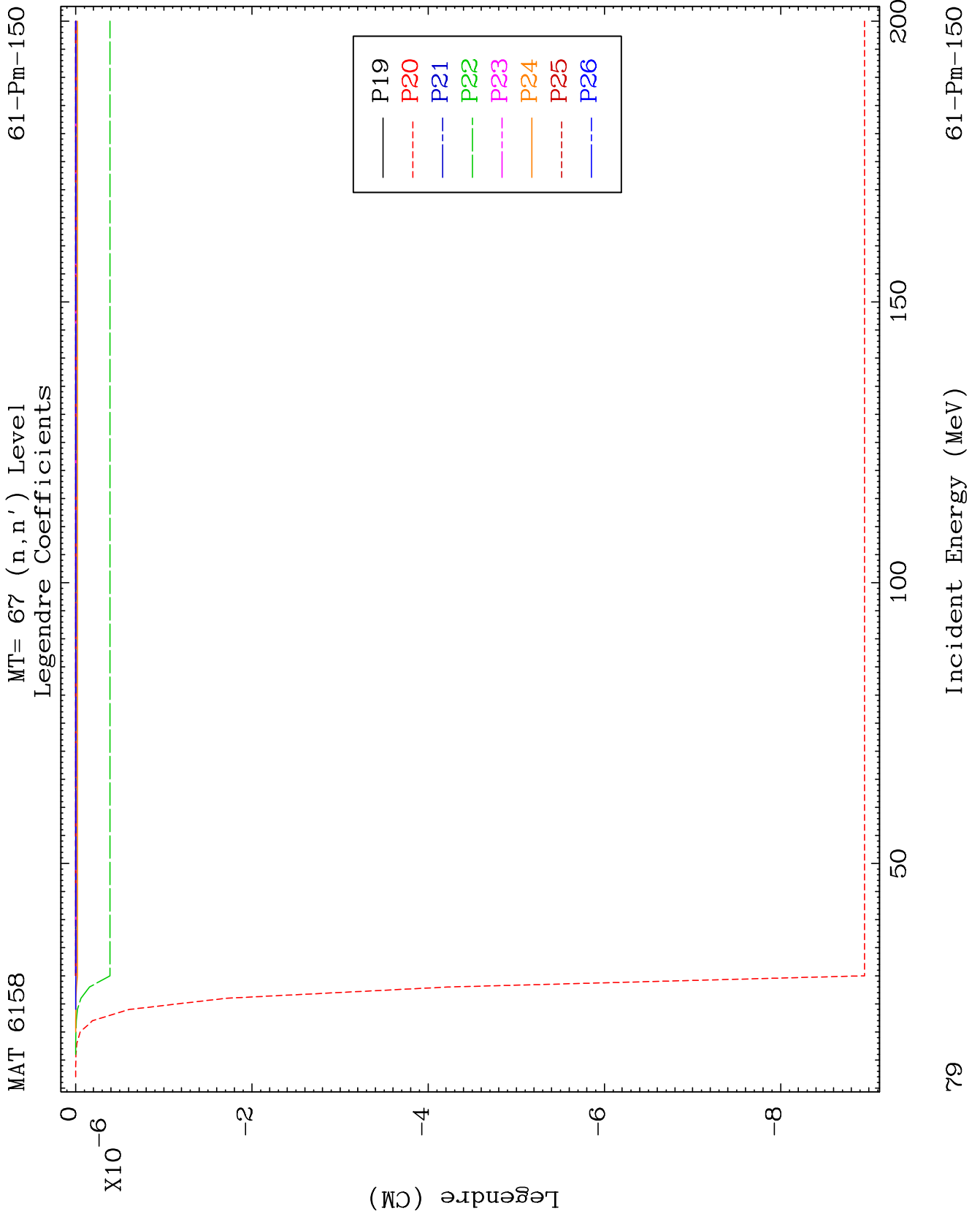
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Legendre Coefficients

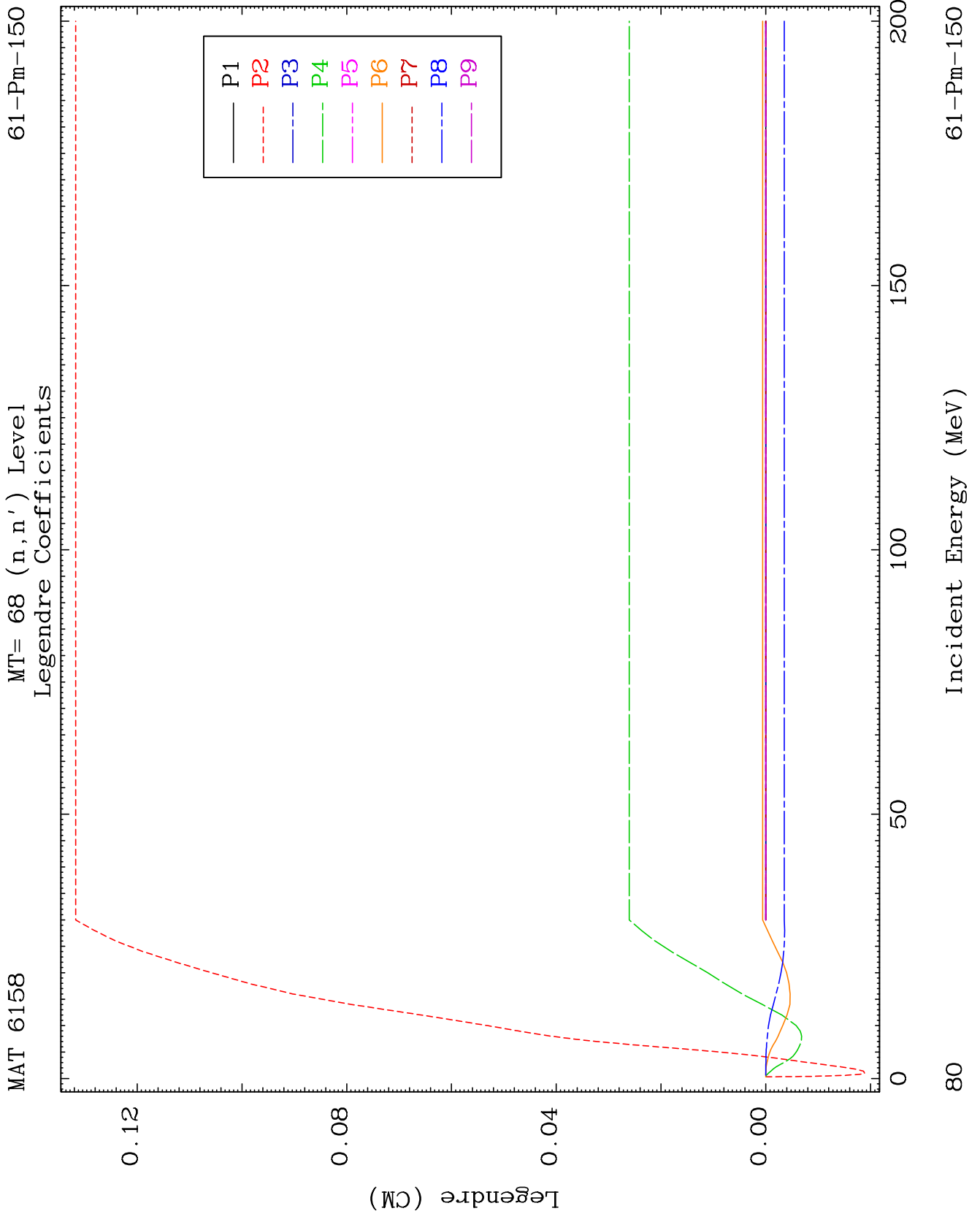
61-Pm-150

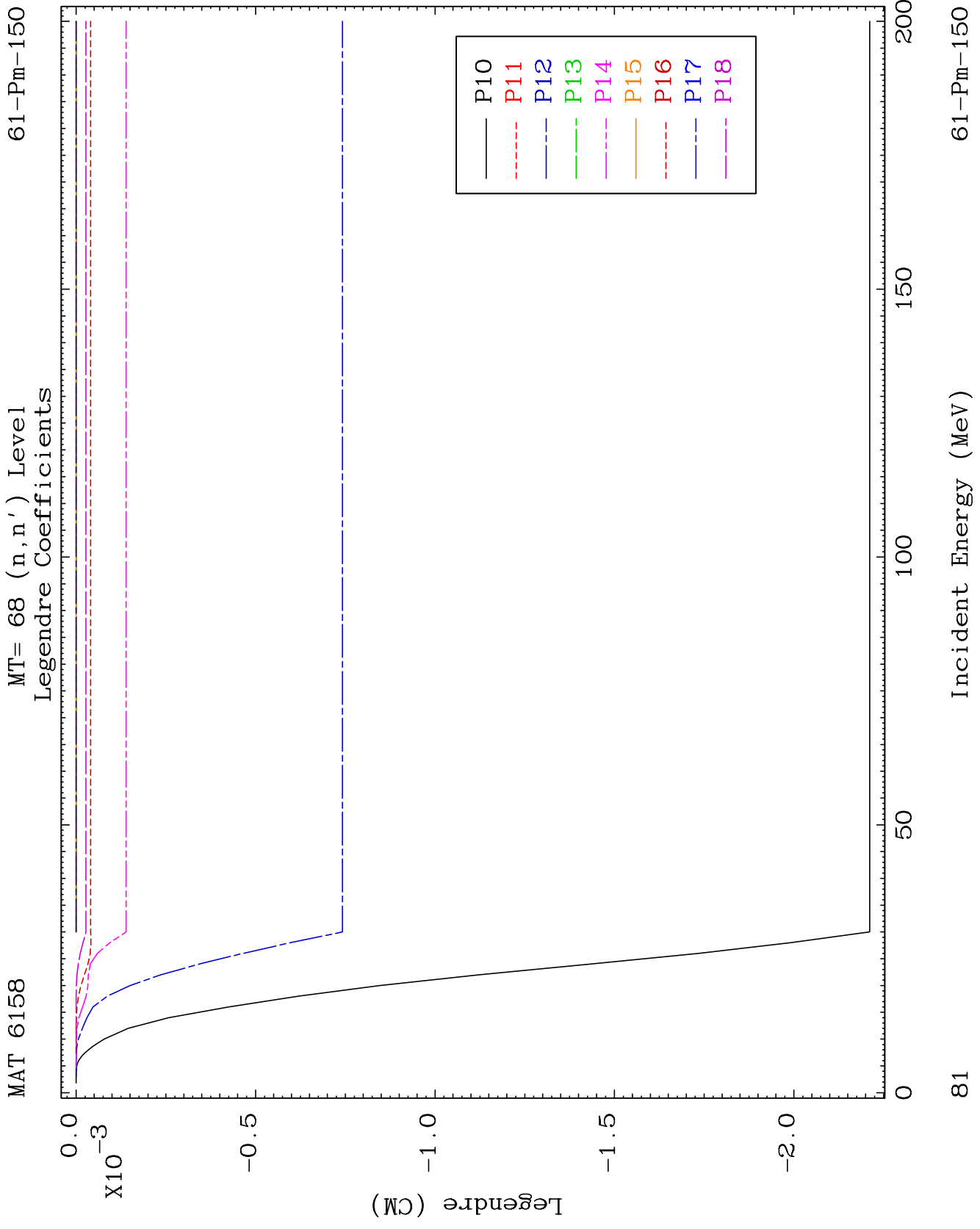


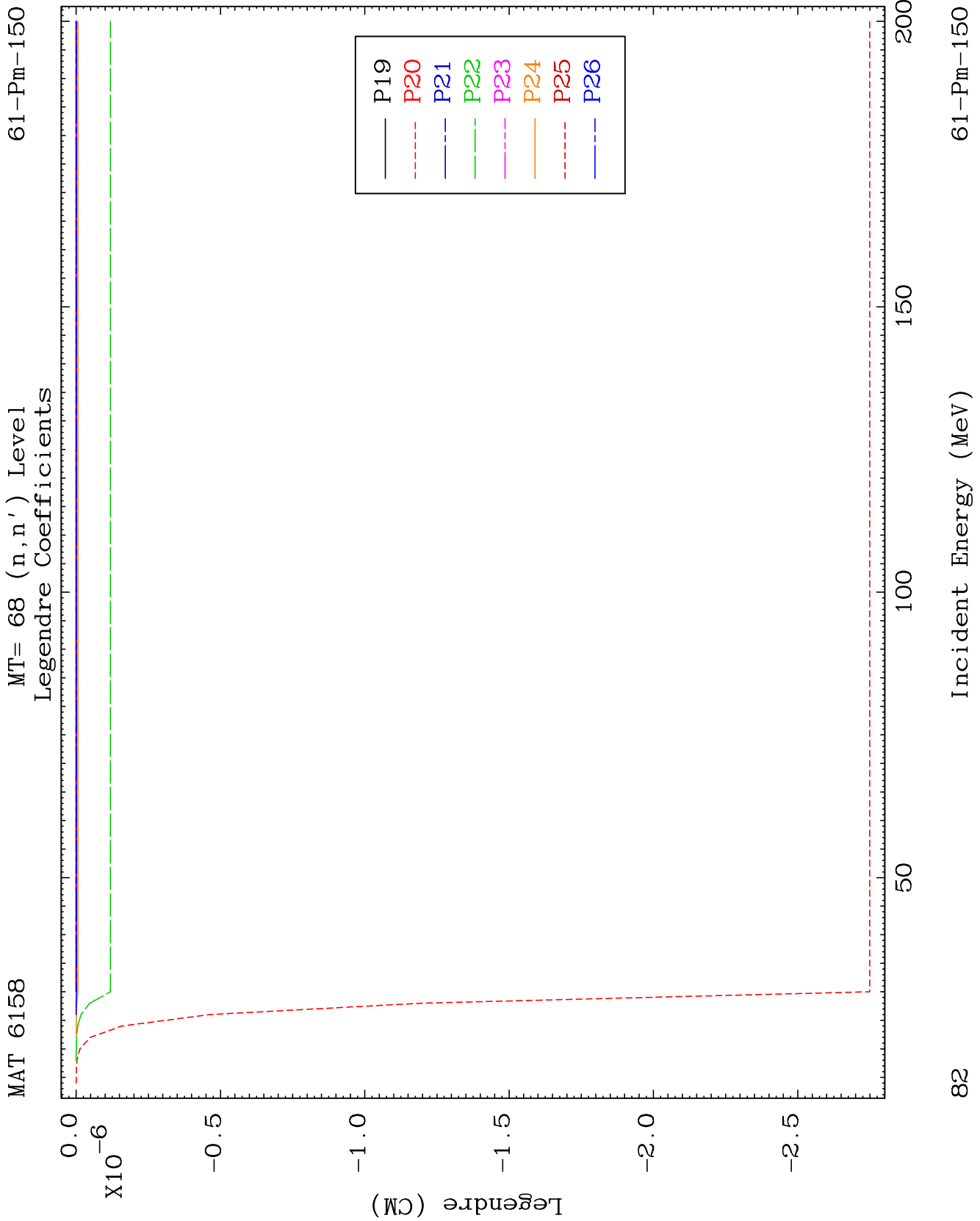
78

61-Pm-150





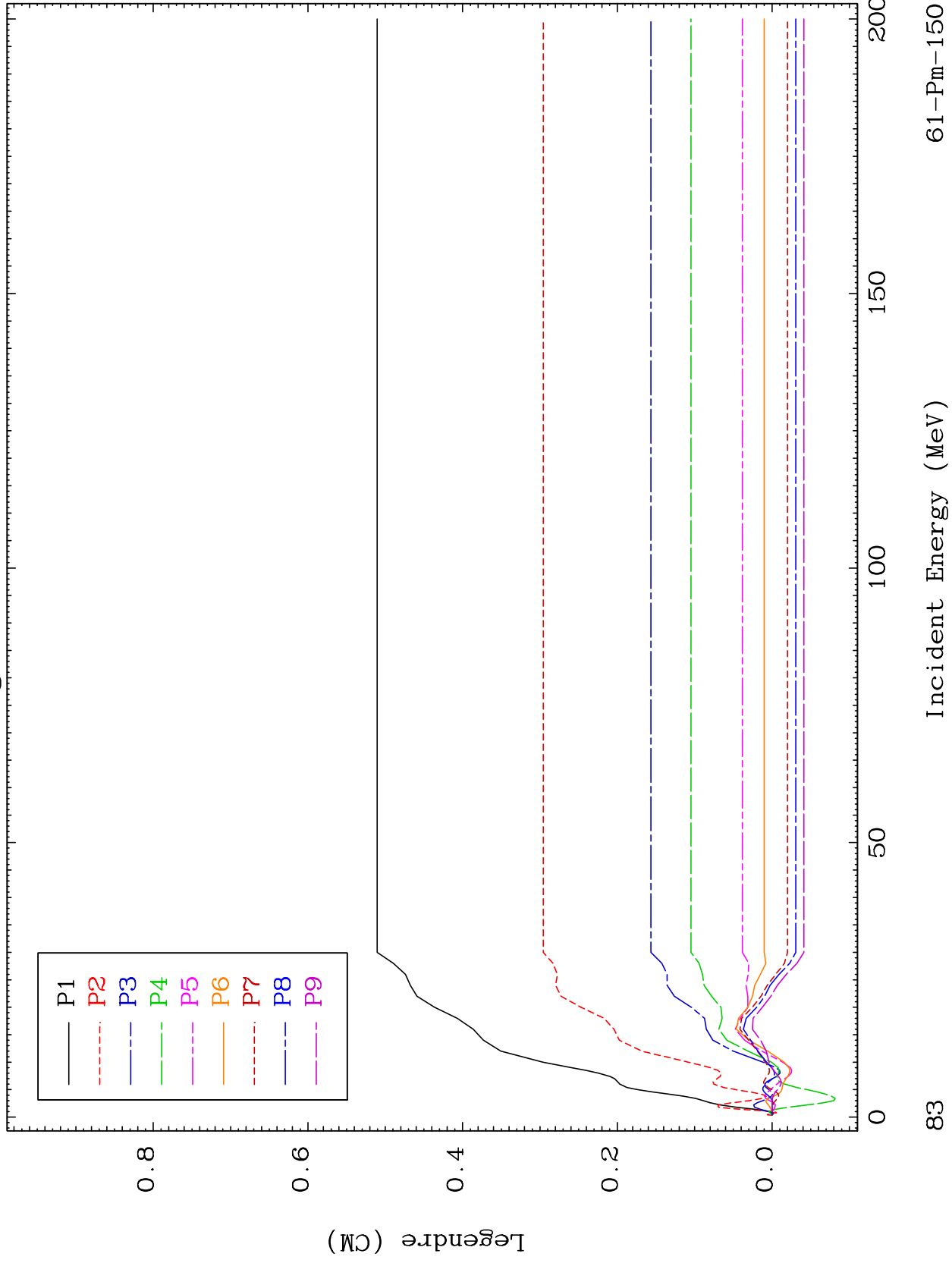




MAT 6158

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

61-Pm-150



61-Pm-150

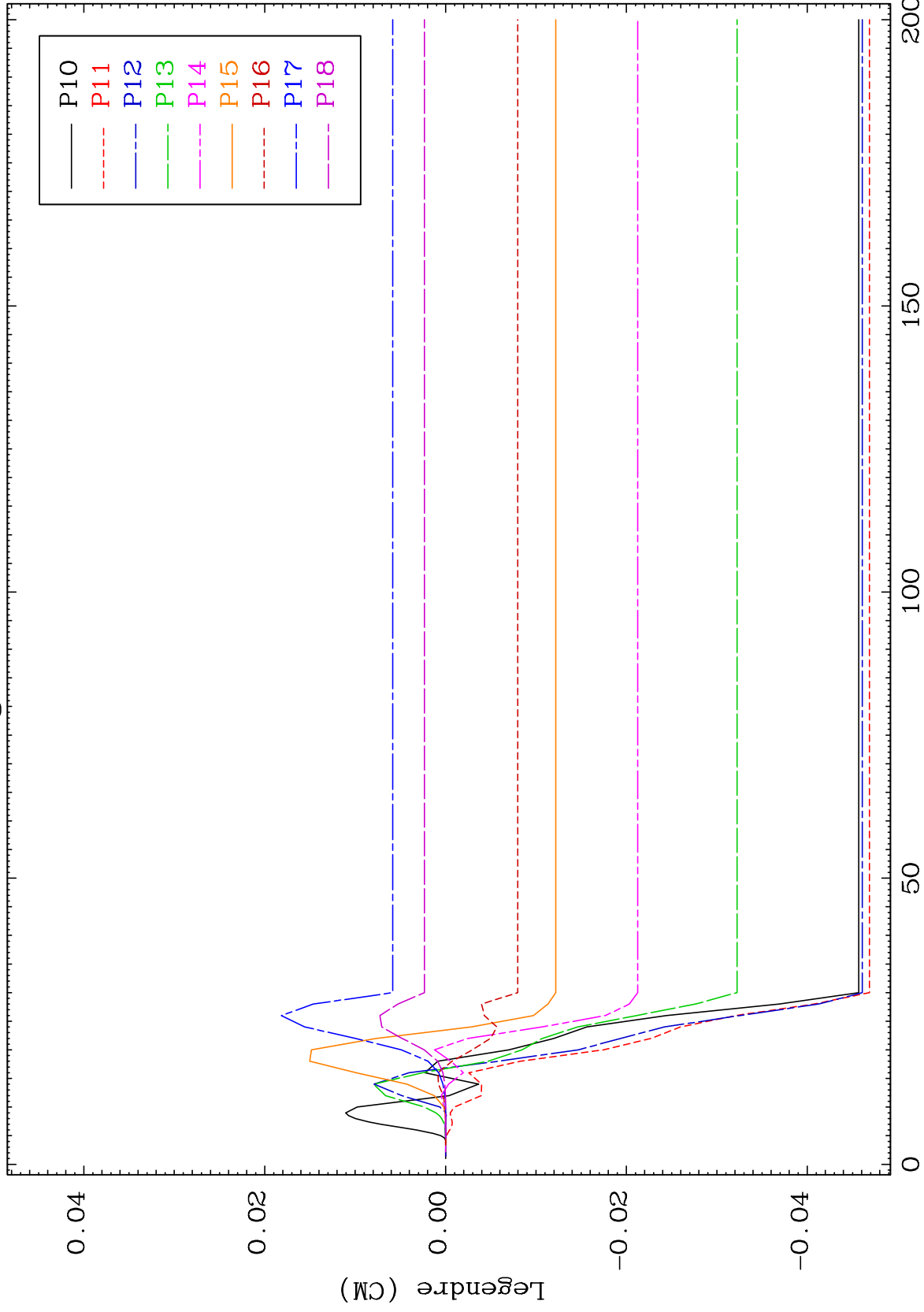
Incident Energy (MeV)

83

MAT 6158

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

61-Pm-150



84

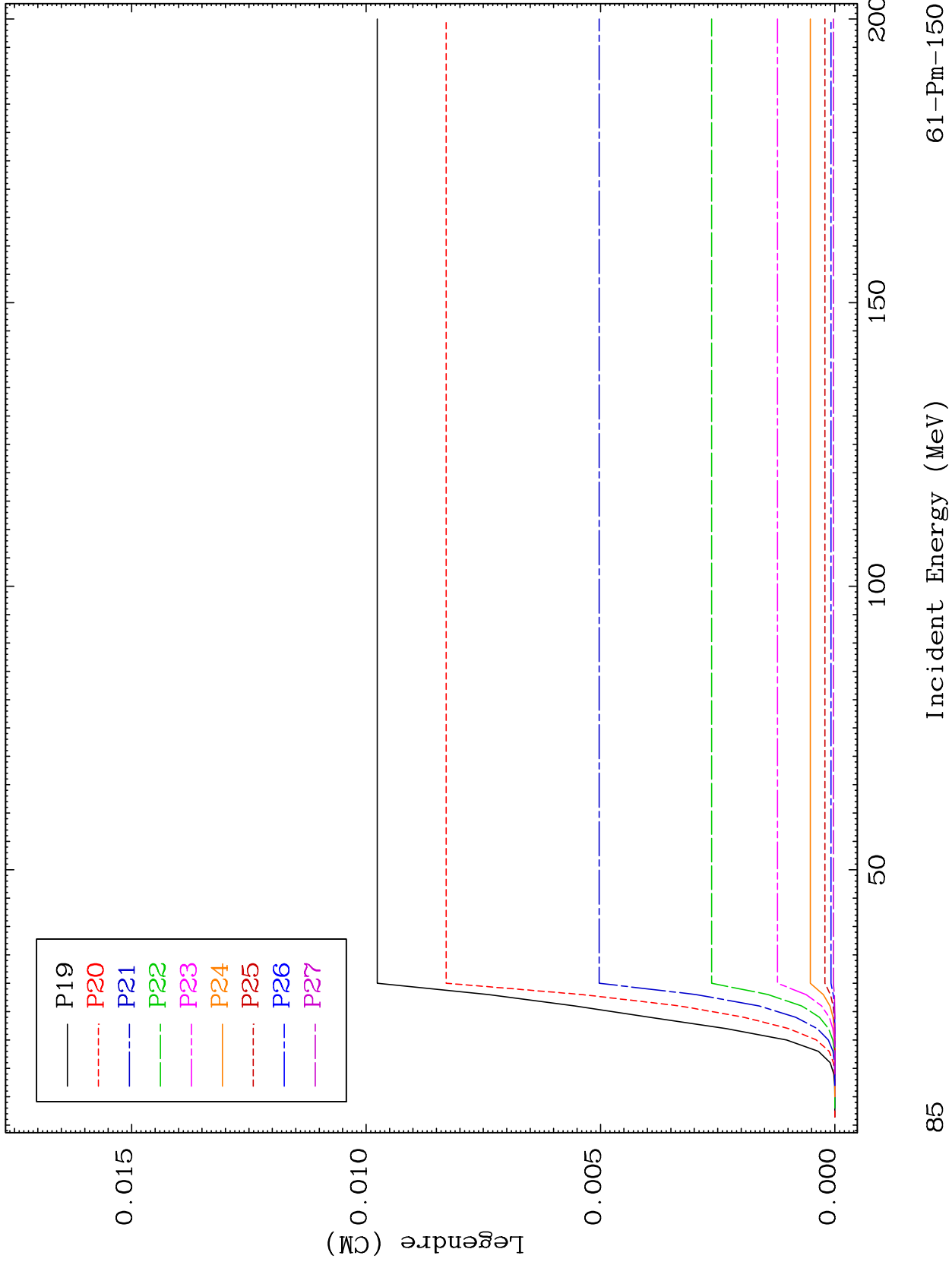
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



85

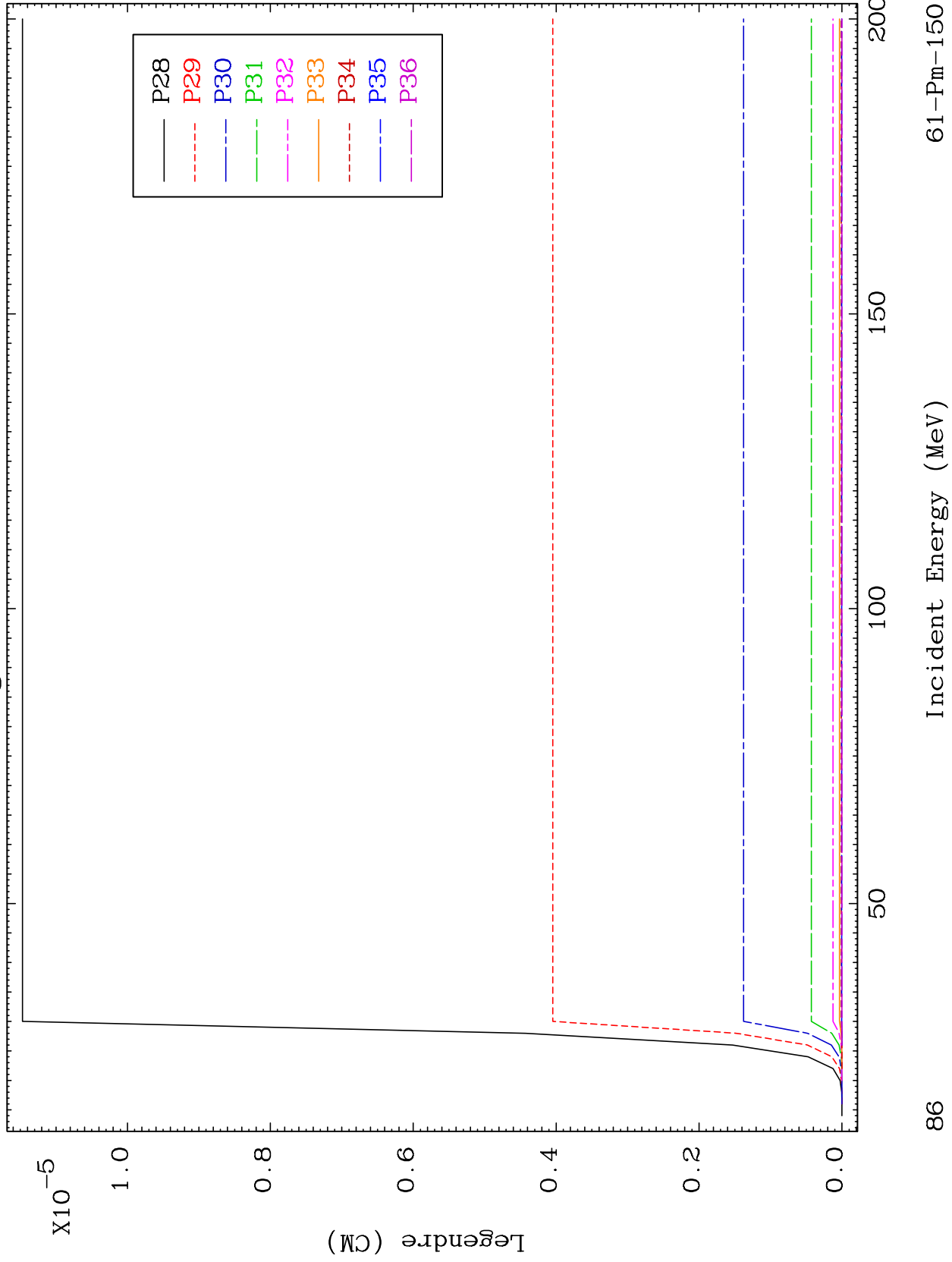
Incident Energy (MeV)

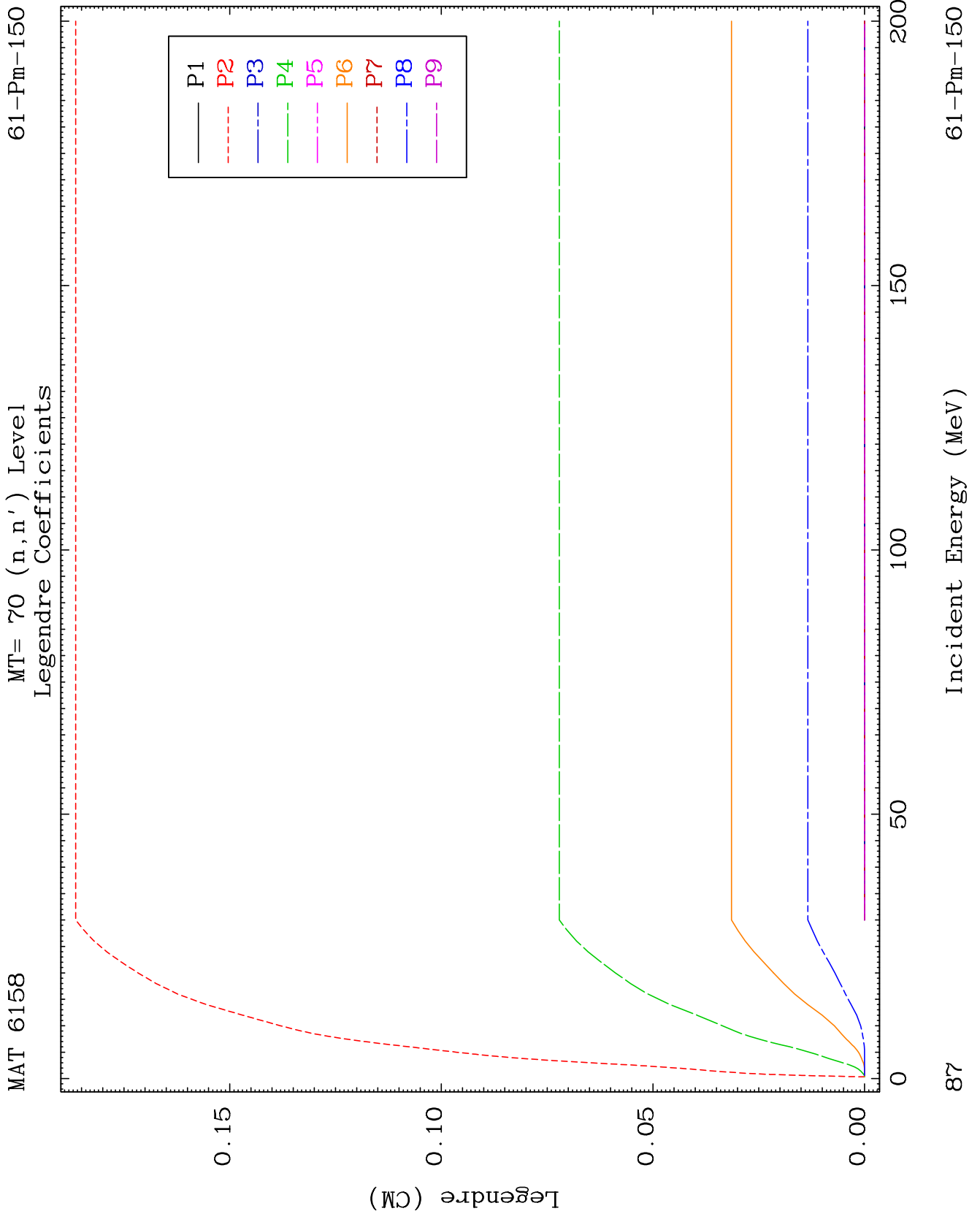
61-Pm-150

MAT 6158

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

61-Pm-150

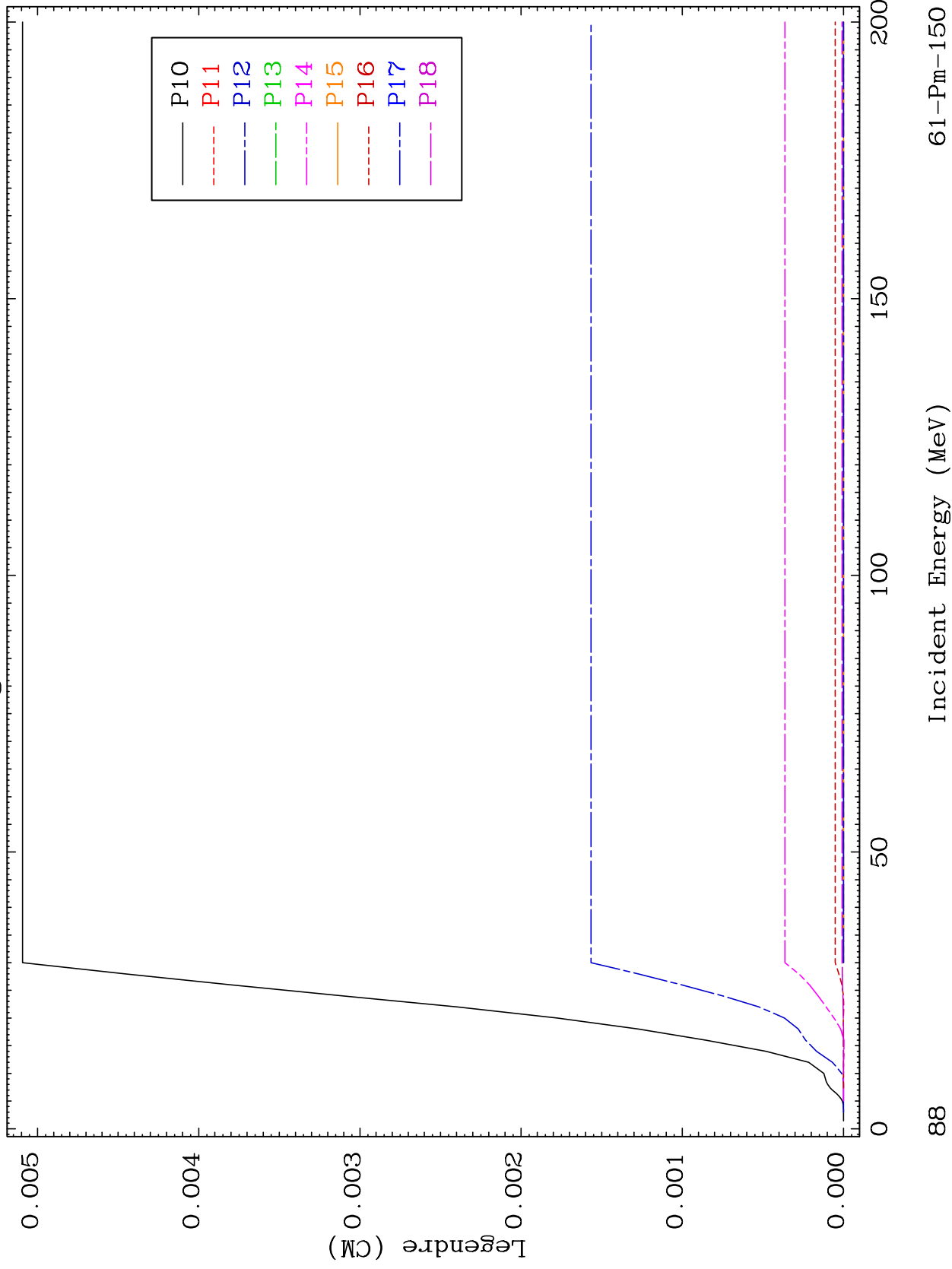




MAT 6158

MT= 70 (n,n') Level  
Legendre Coefficients

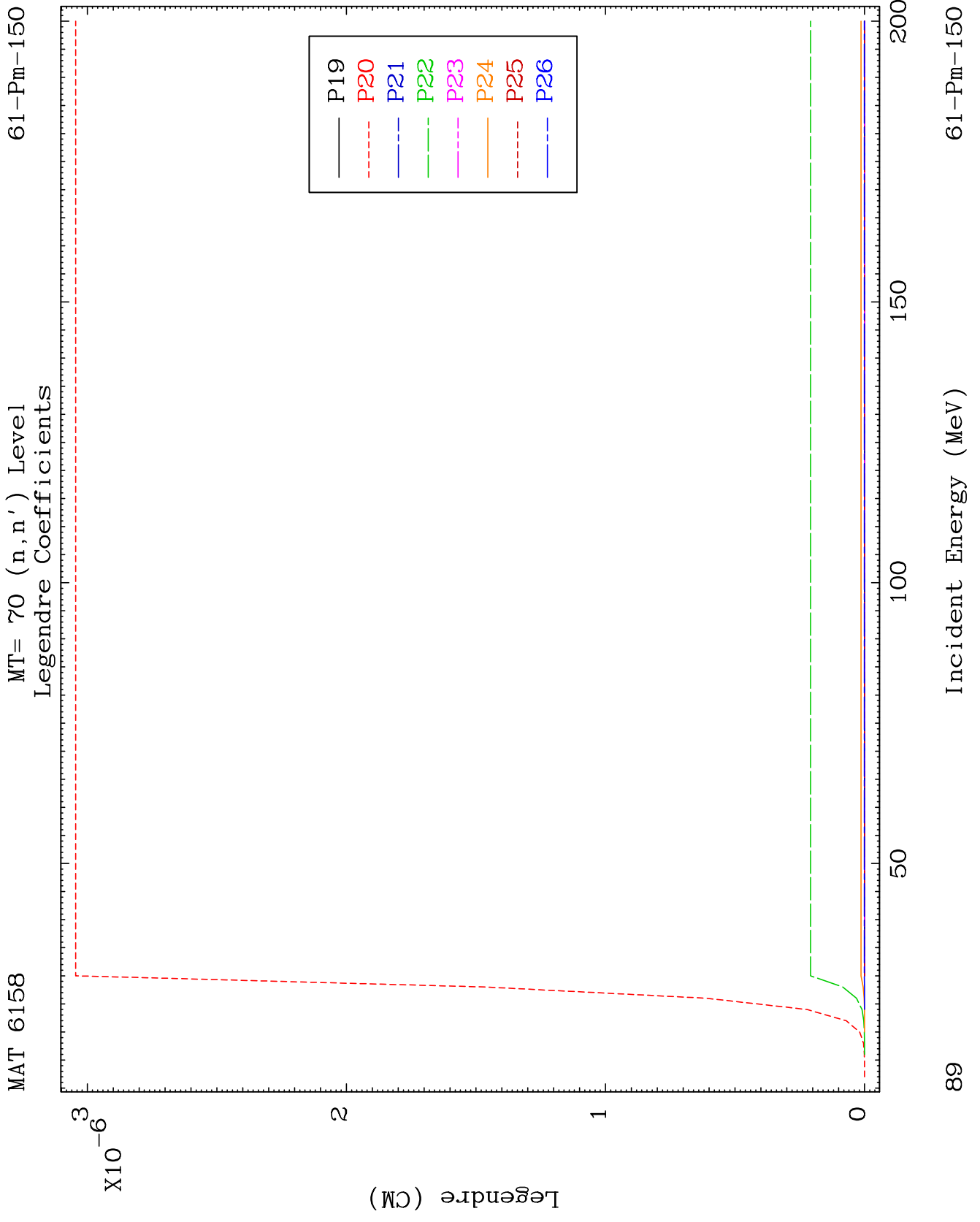
61-Pm-150

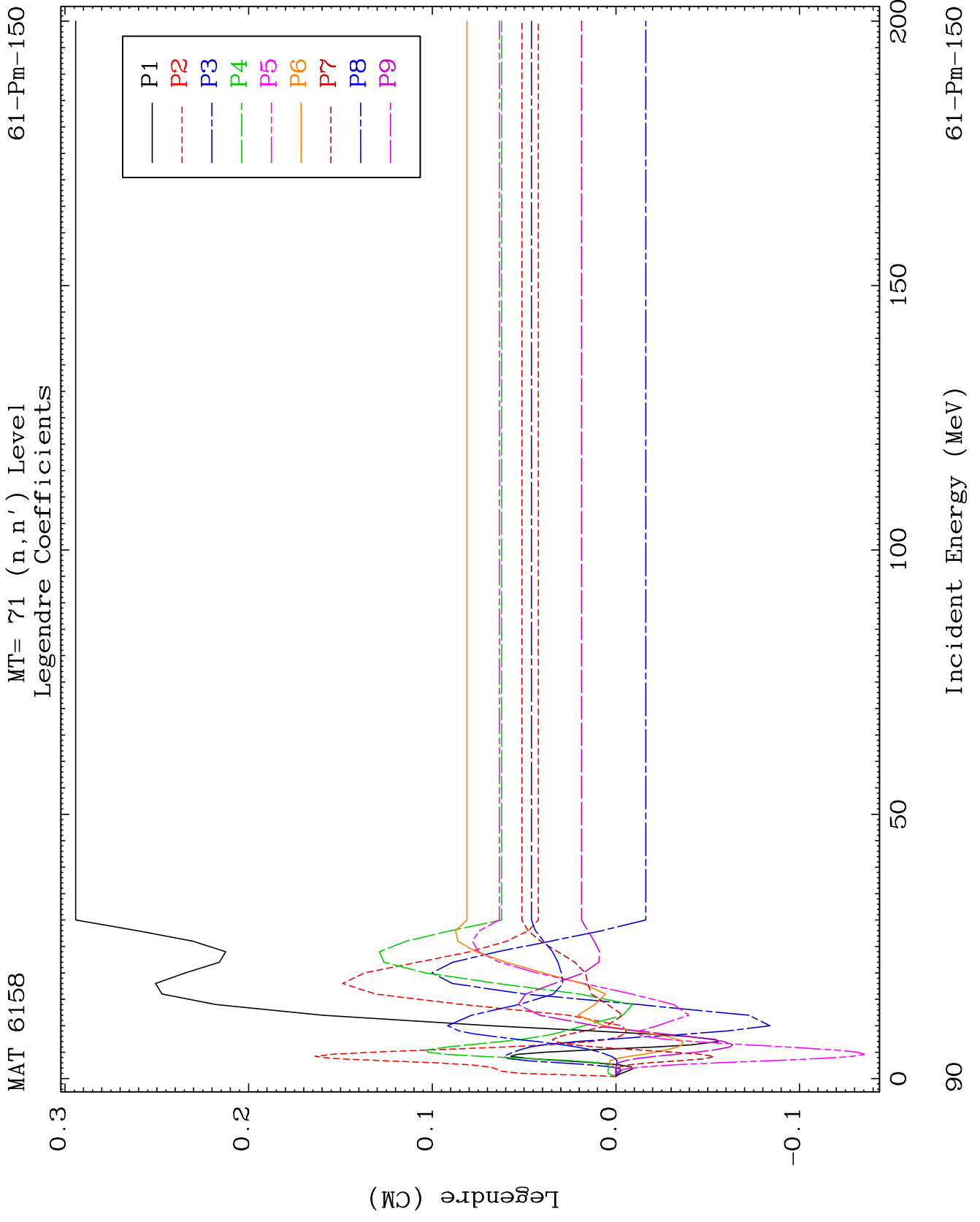


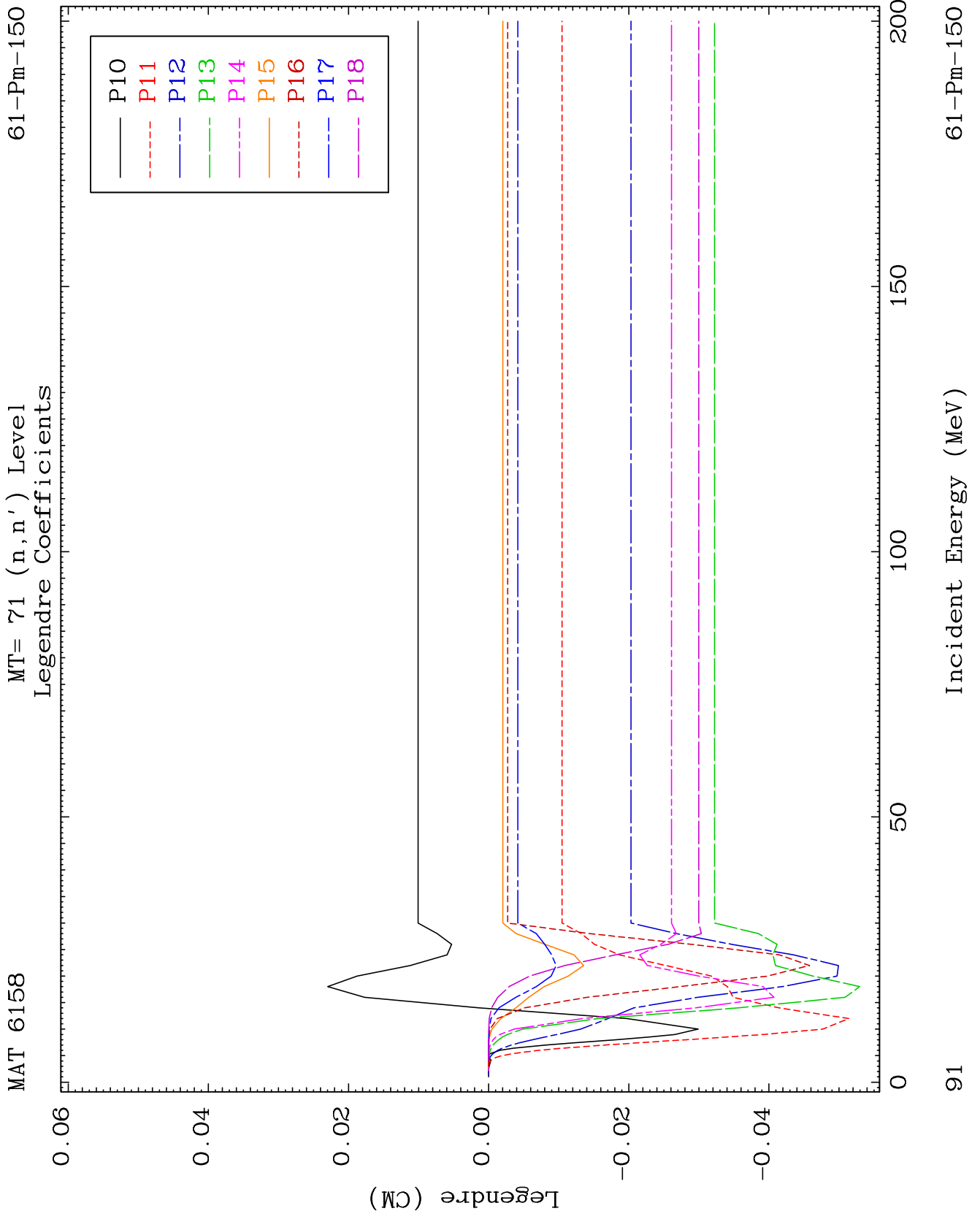
88

Incident Energy (MeV)

61-Pm-150



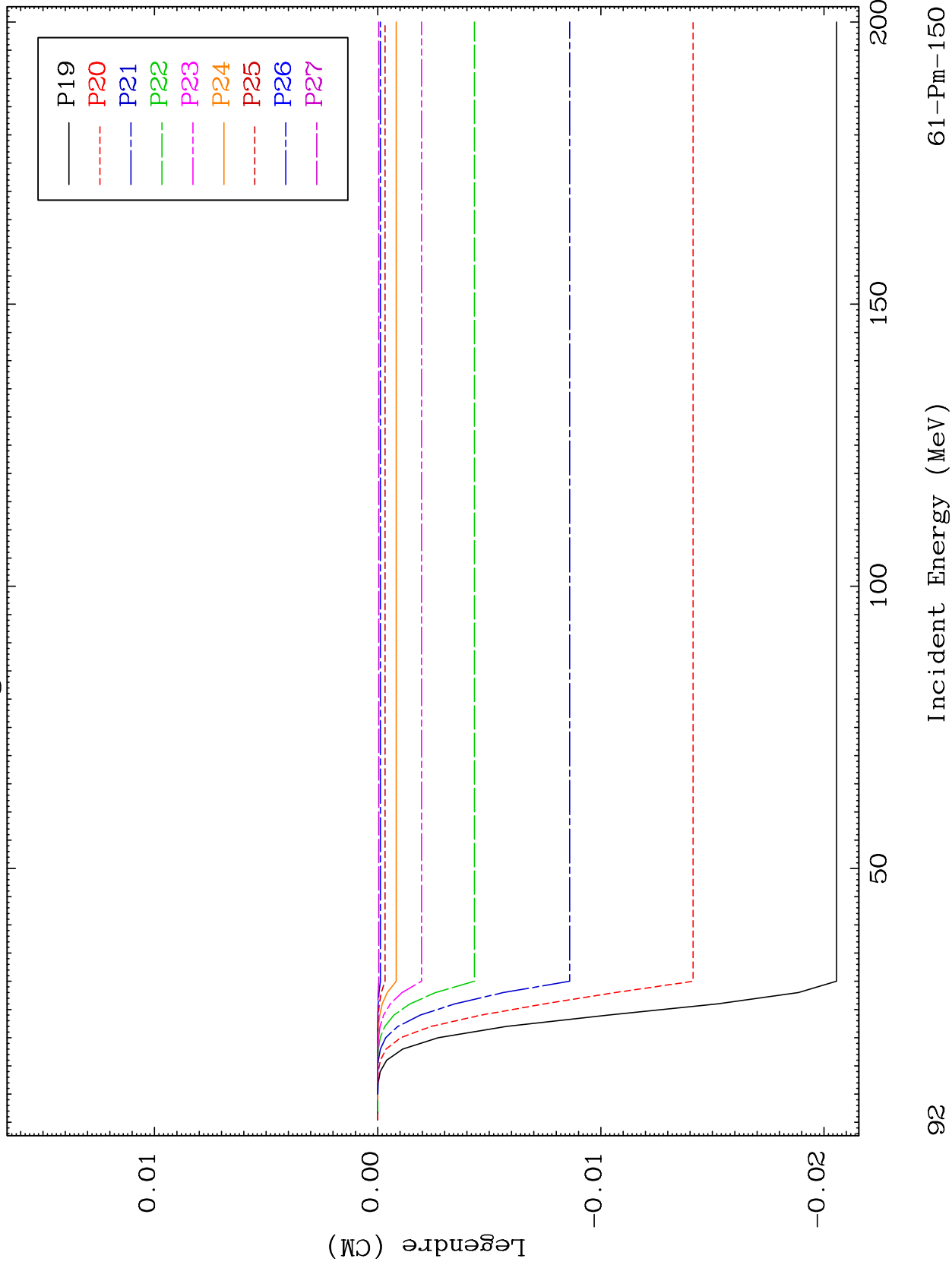




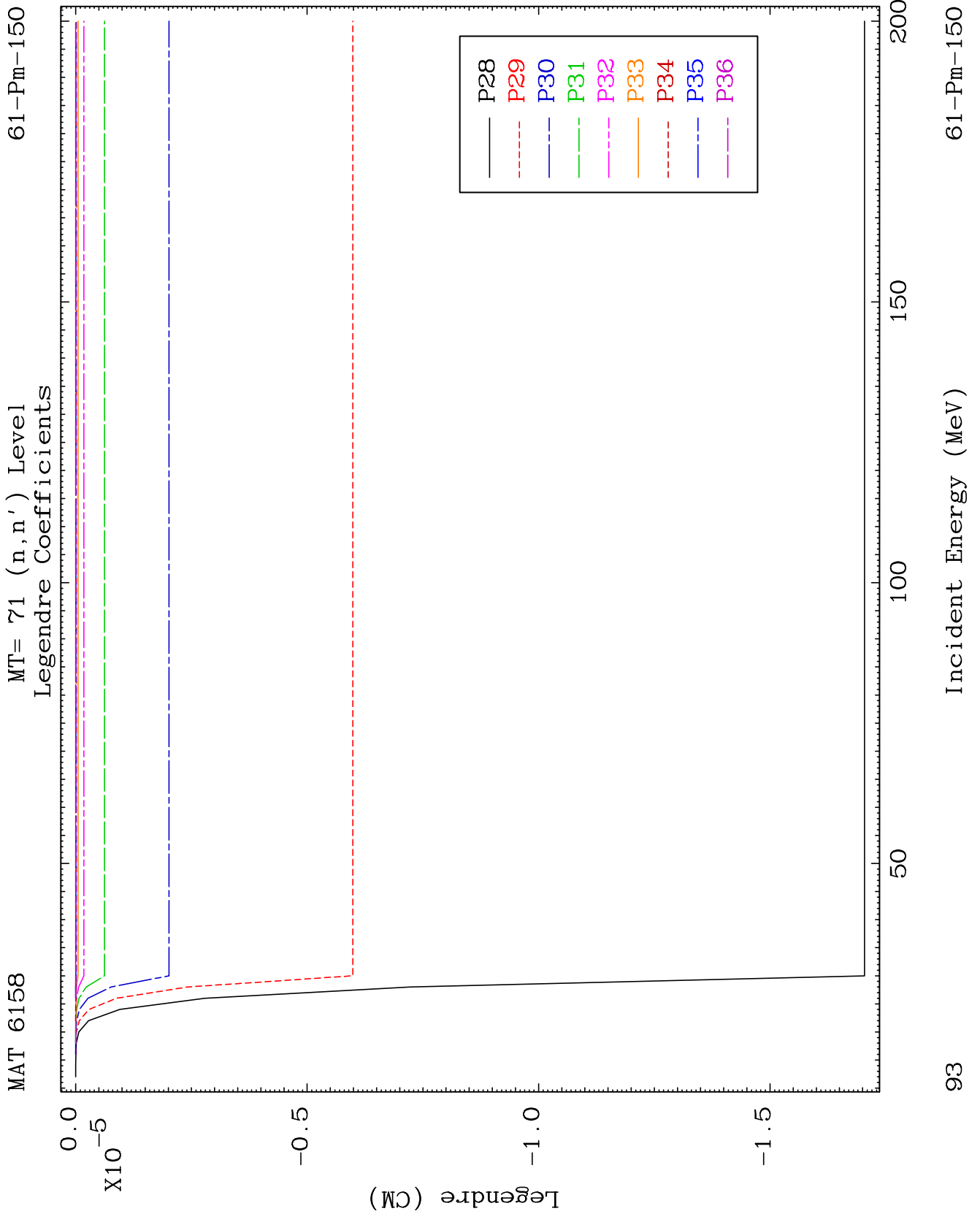
MAT 6158

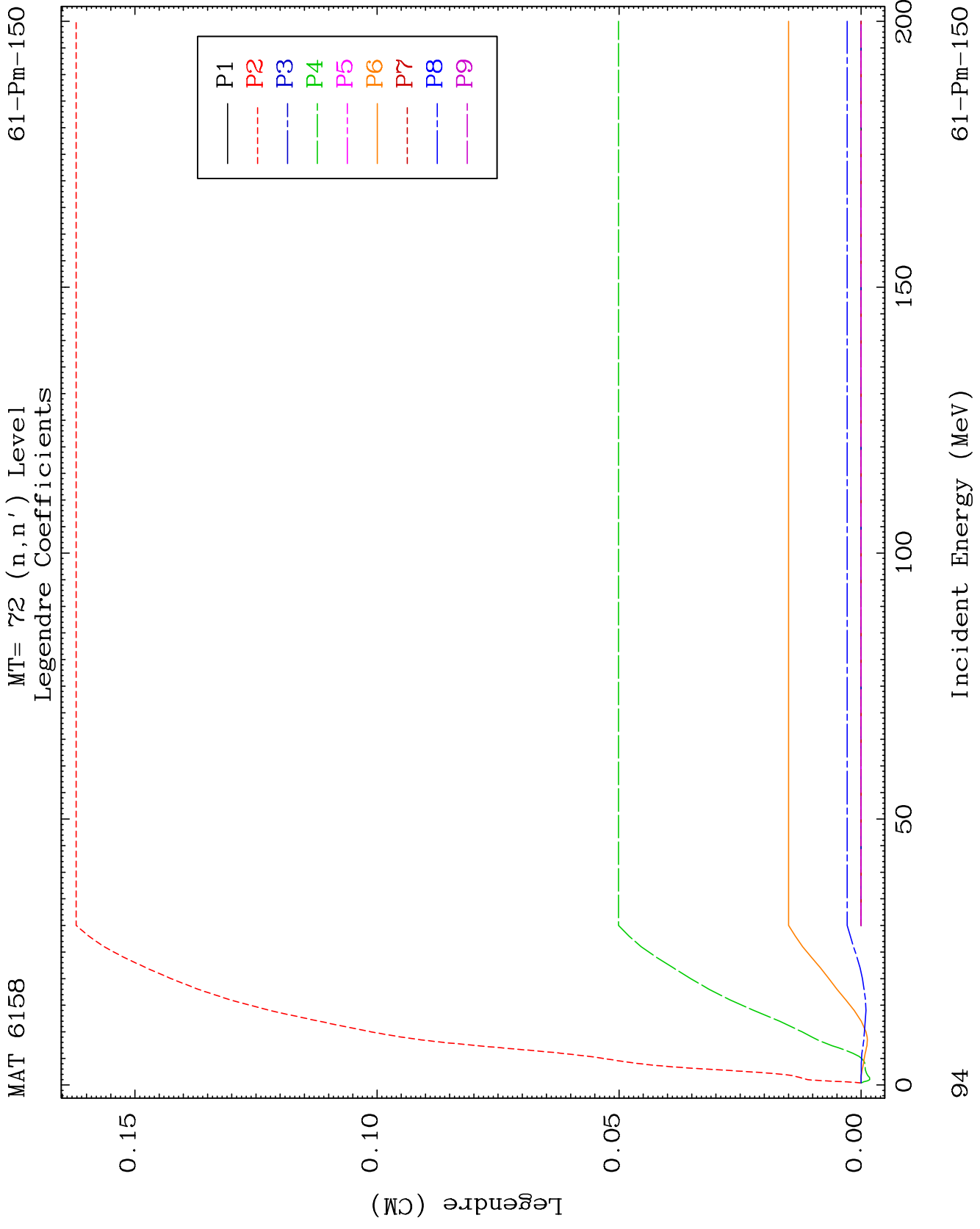
MT= 71 (n,n') Level  
Legendre Coefficients

61-Pm-150



92

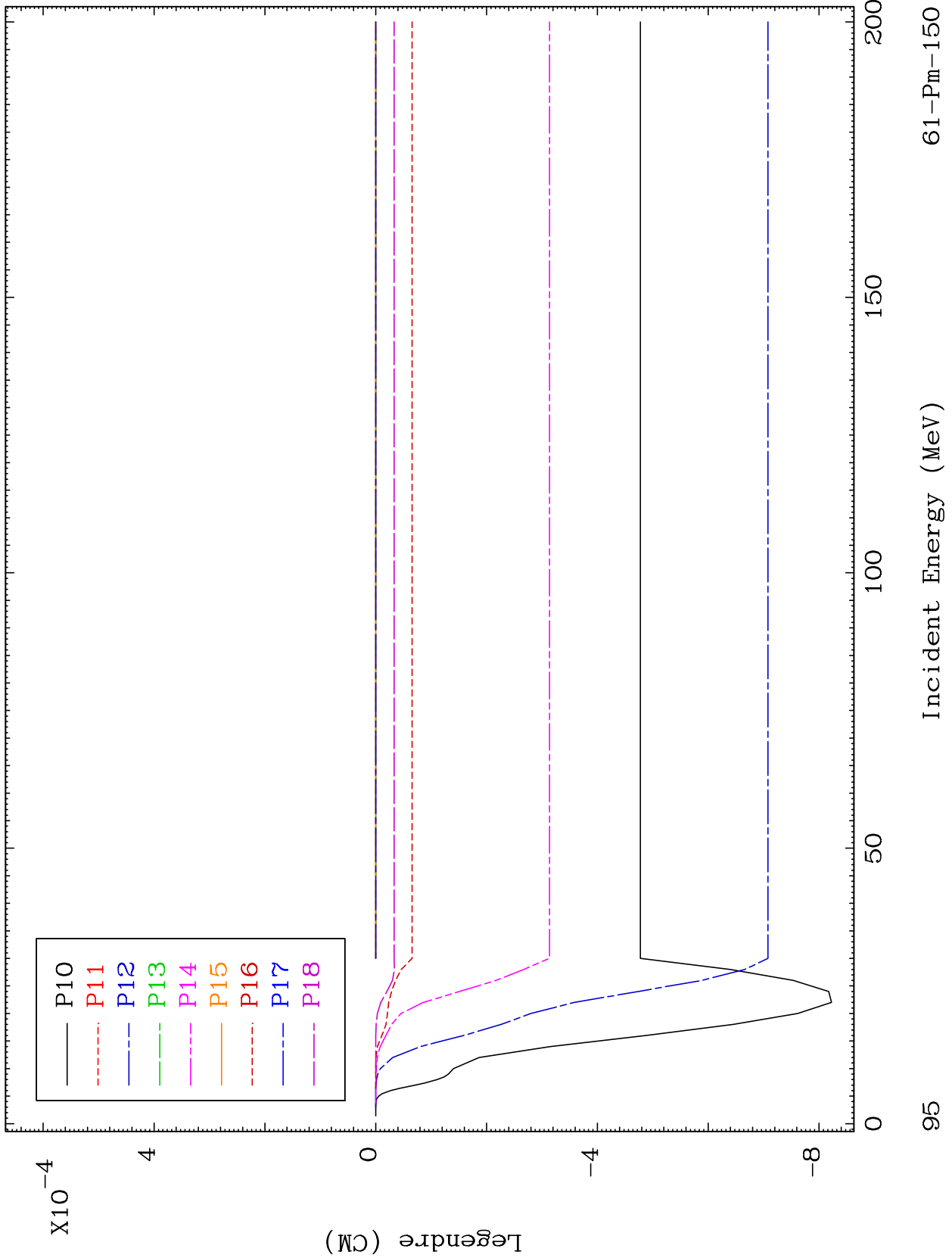




MAT 6158

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

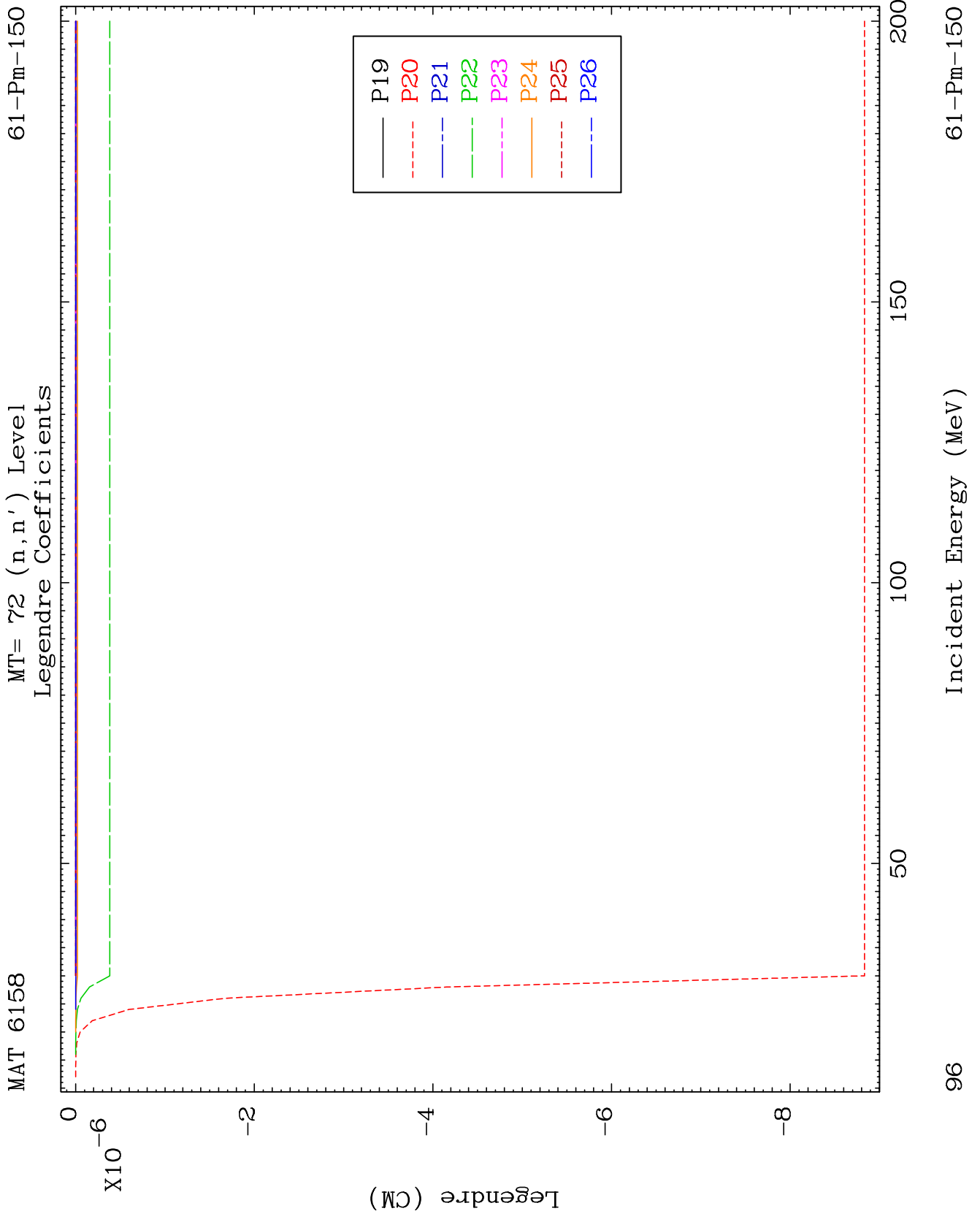
61-Pm-150

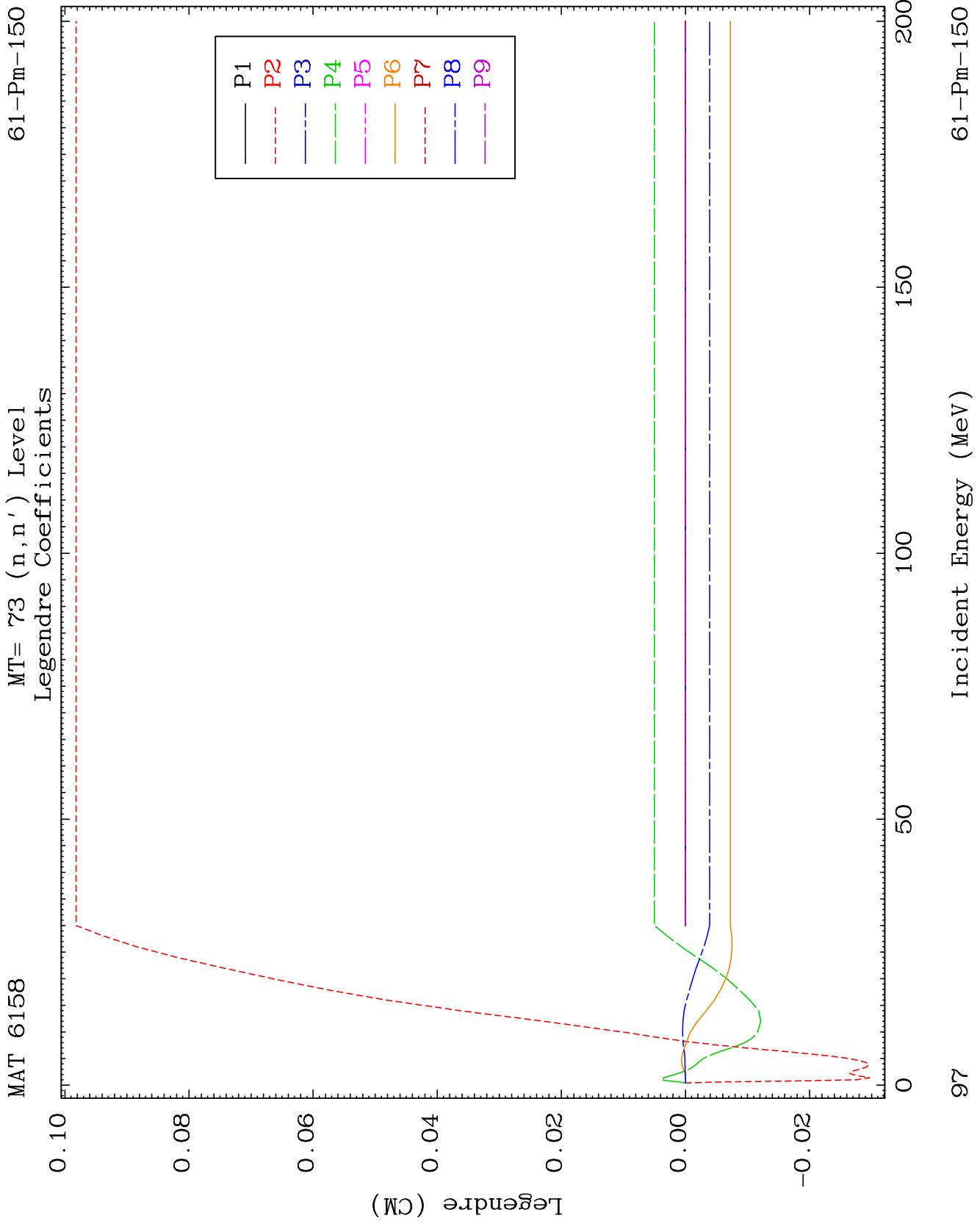


61-Pm-150

Incident Energy (MeV)

95

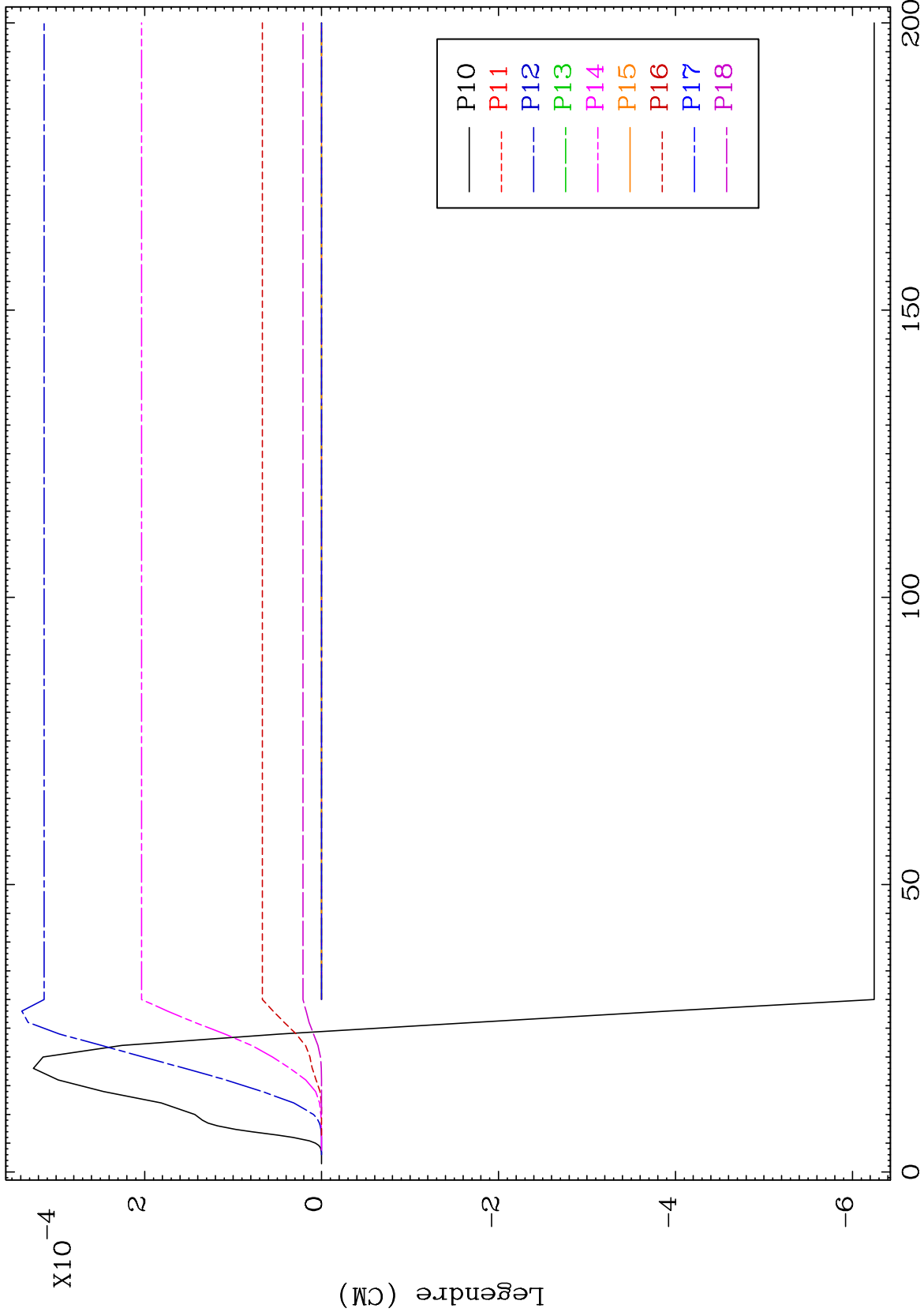




MAT 6158

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

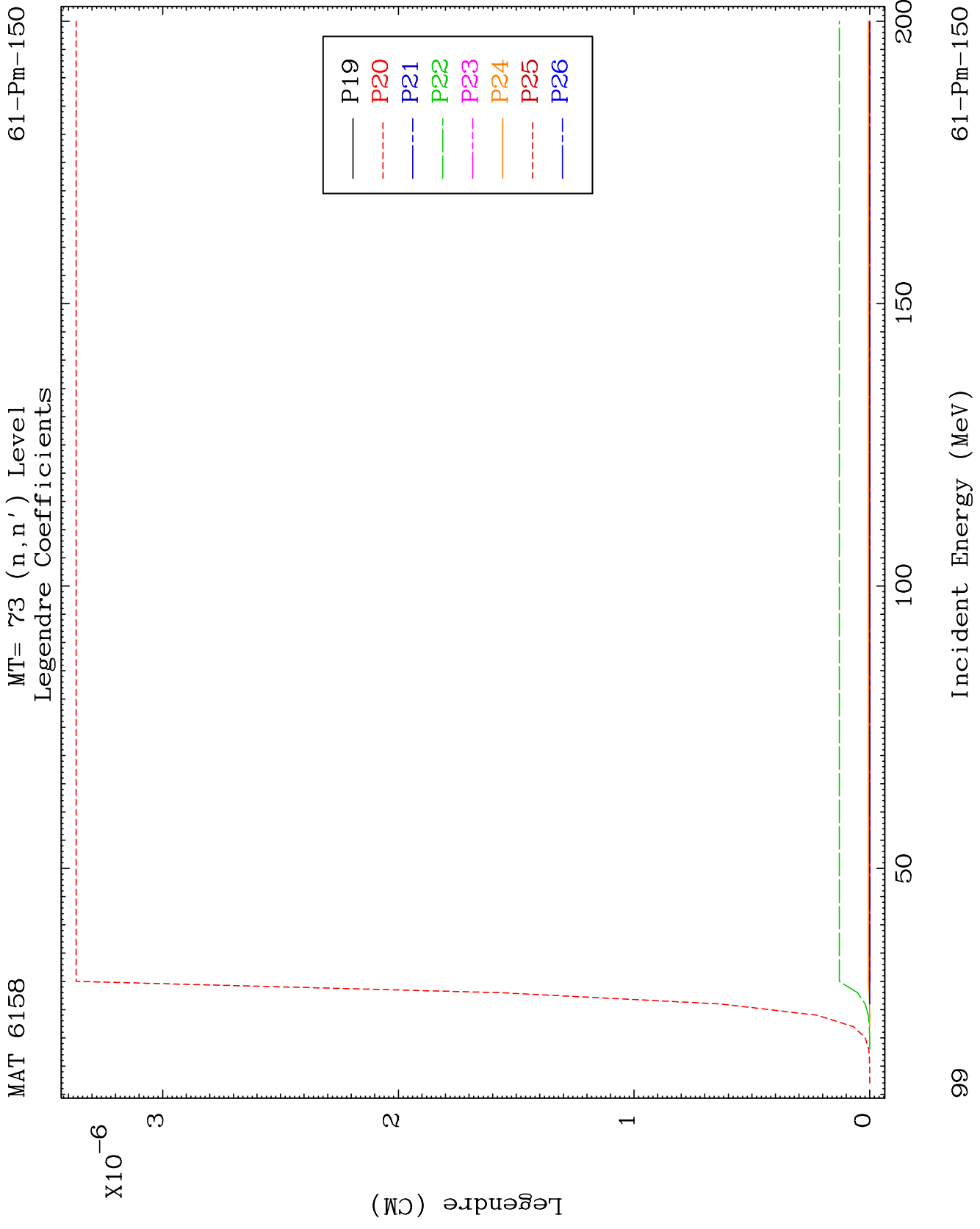
61-Pm-150



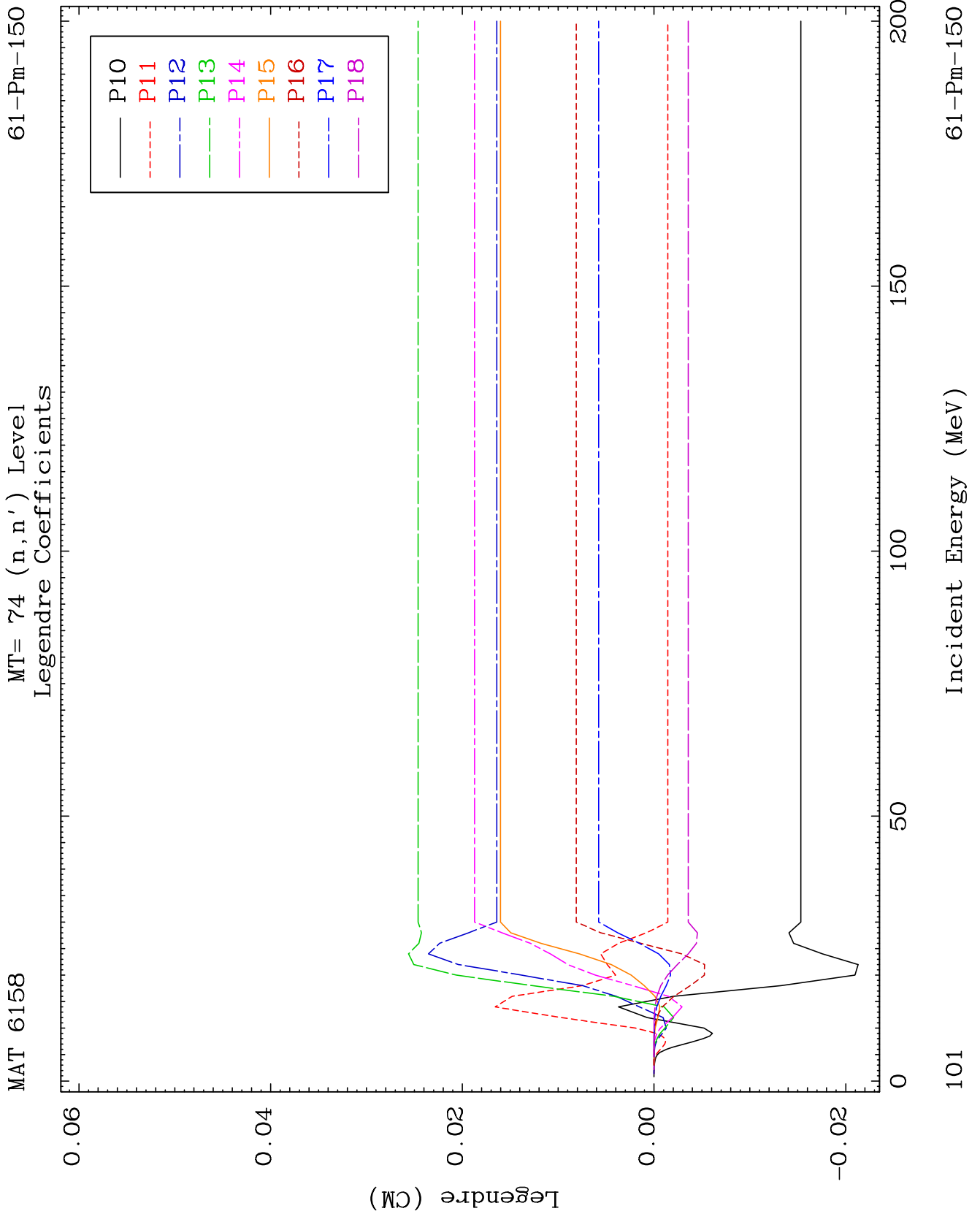
98

Incident Energy (MeV)

61-Pm-150



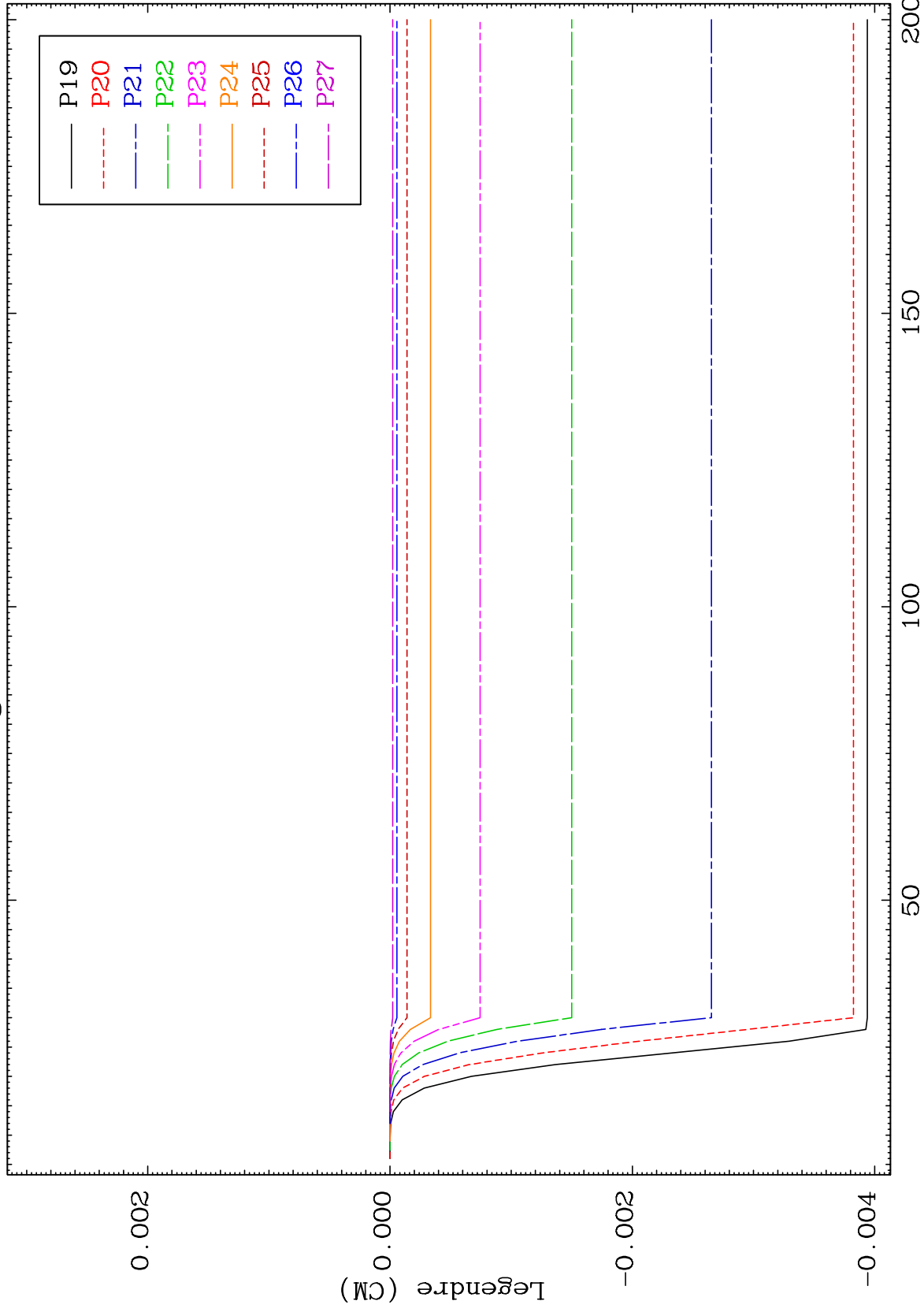




MAT 6158

MT= 74 (n,n') Level  
Legendre Coefficients

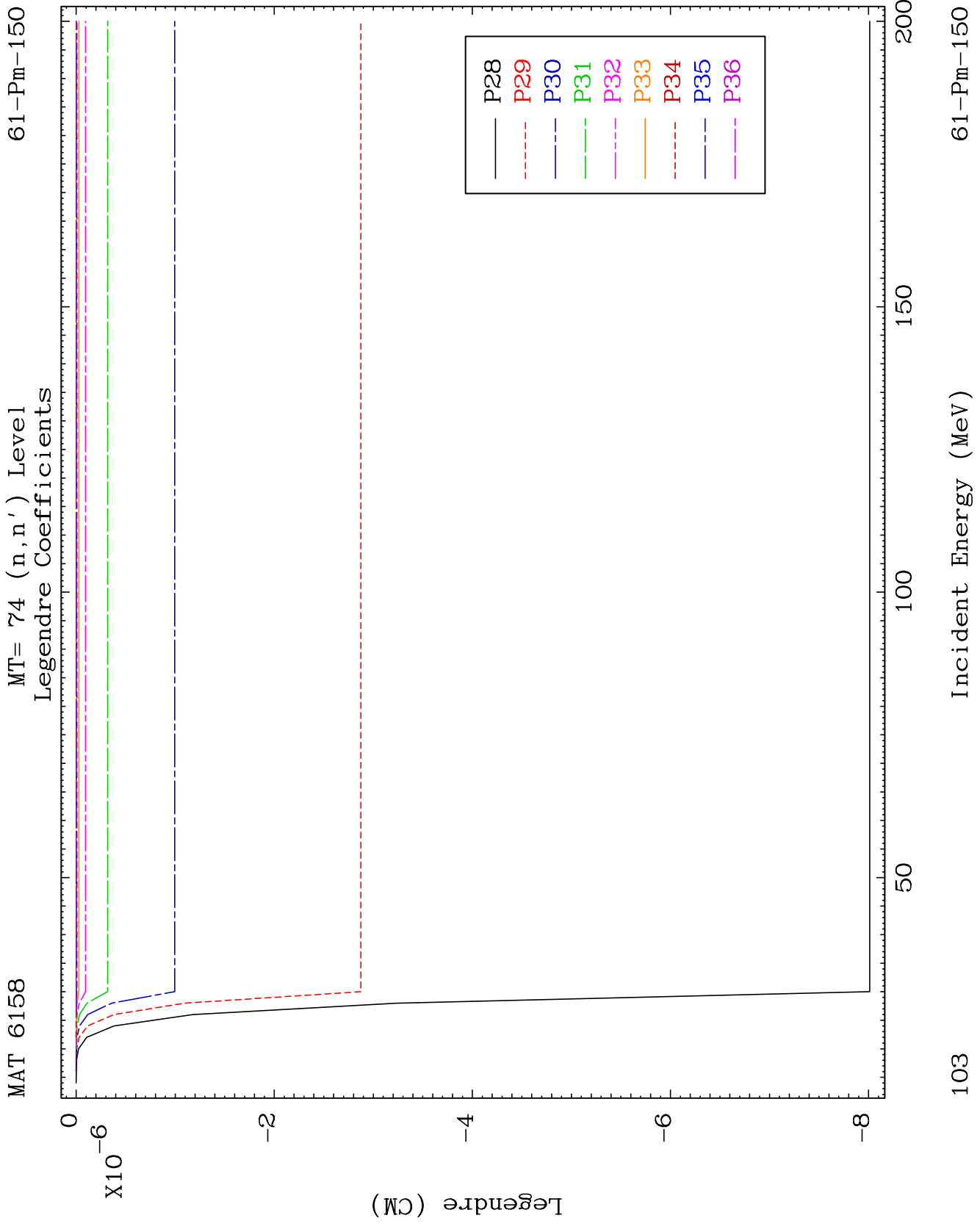
61-Pm-150

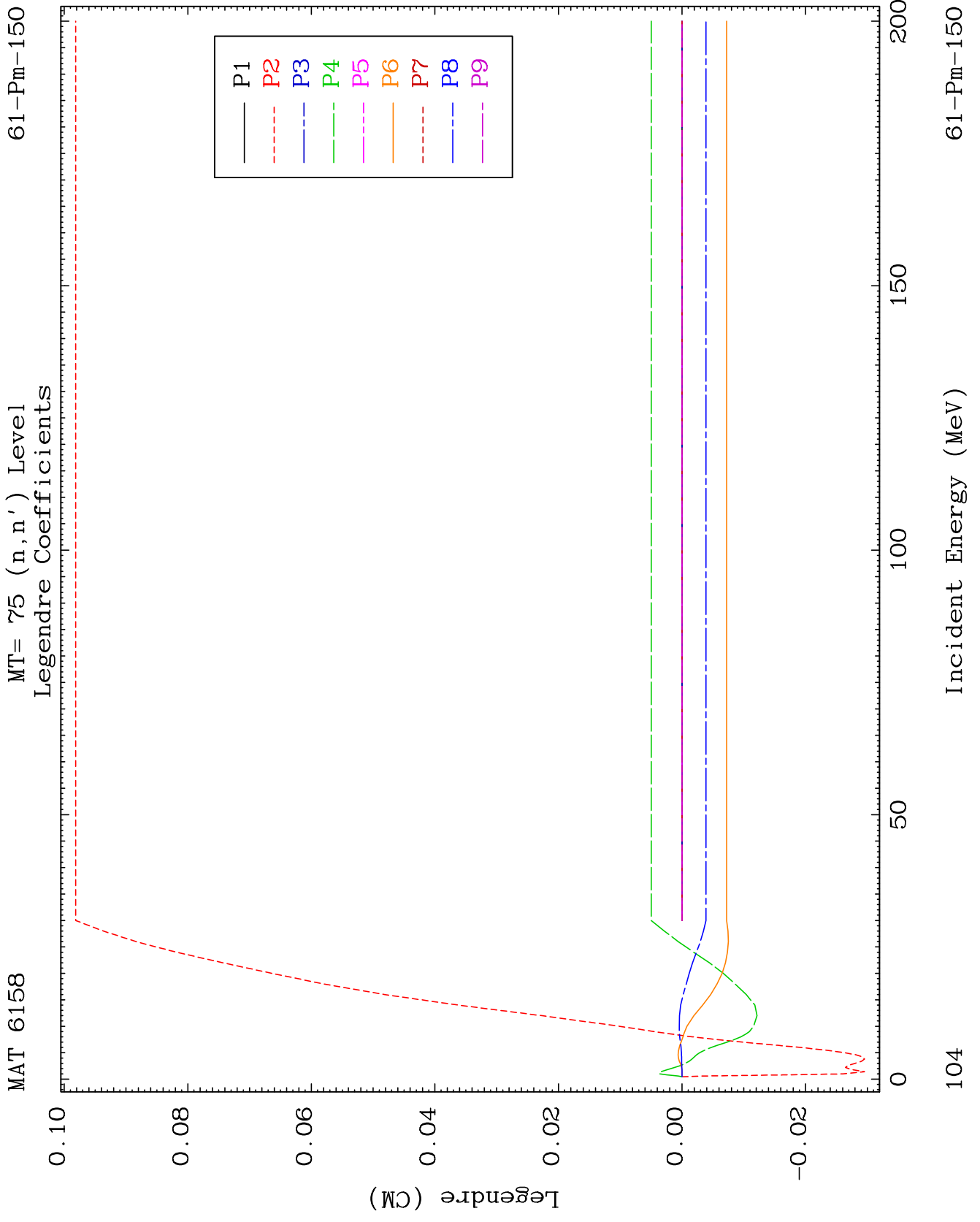


102

Incident Energy (MeV)

61-Pm-150

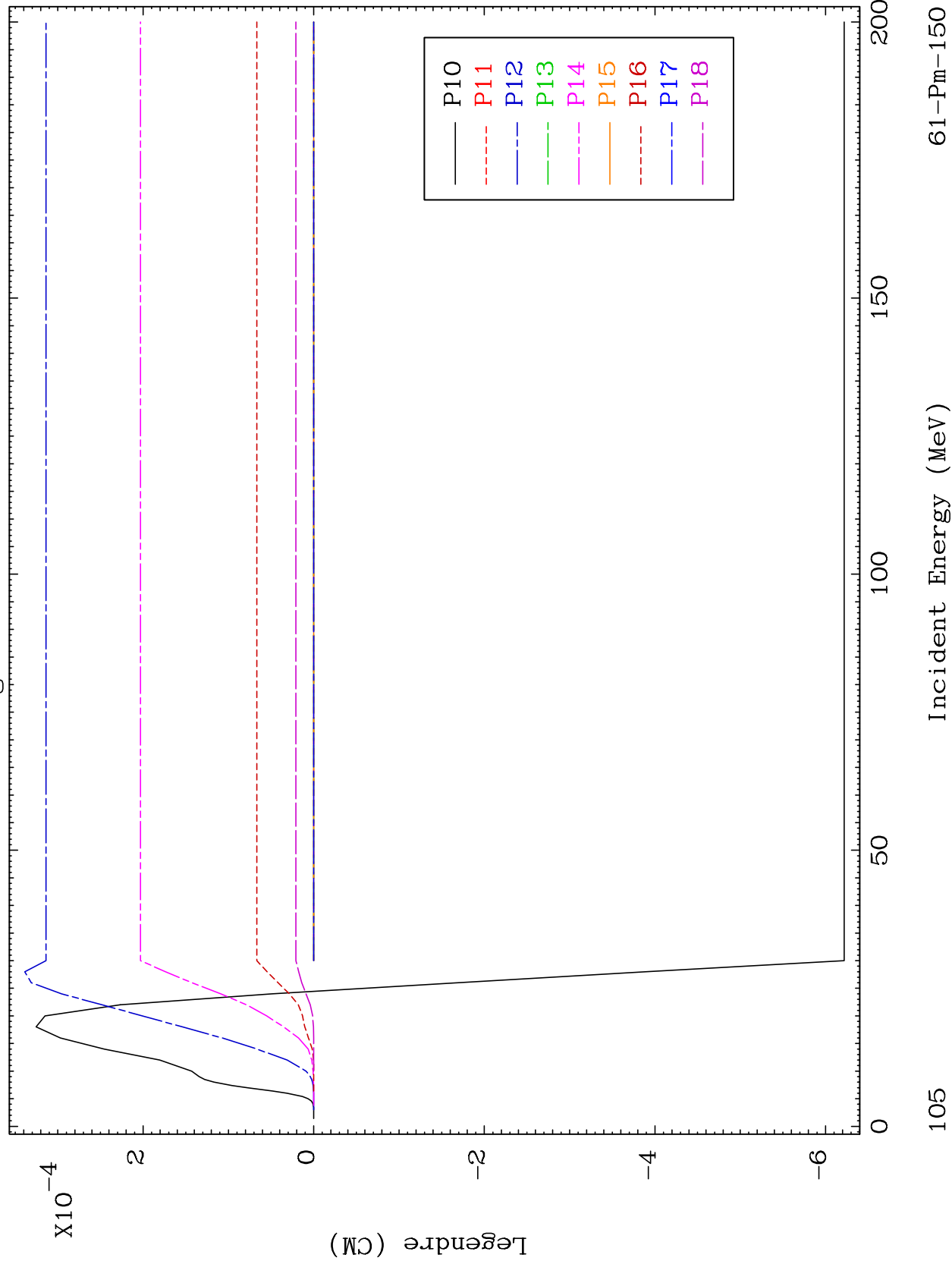




MAT 6158

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

61-Pm-150



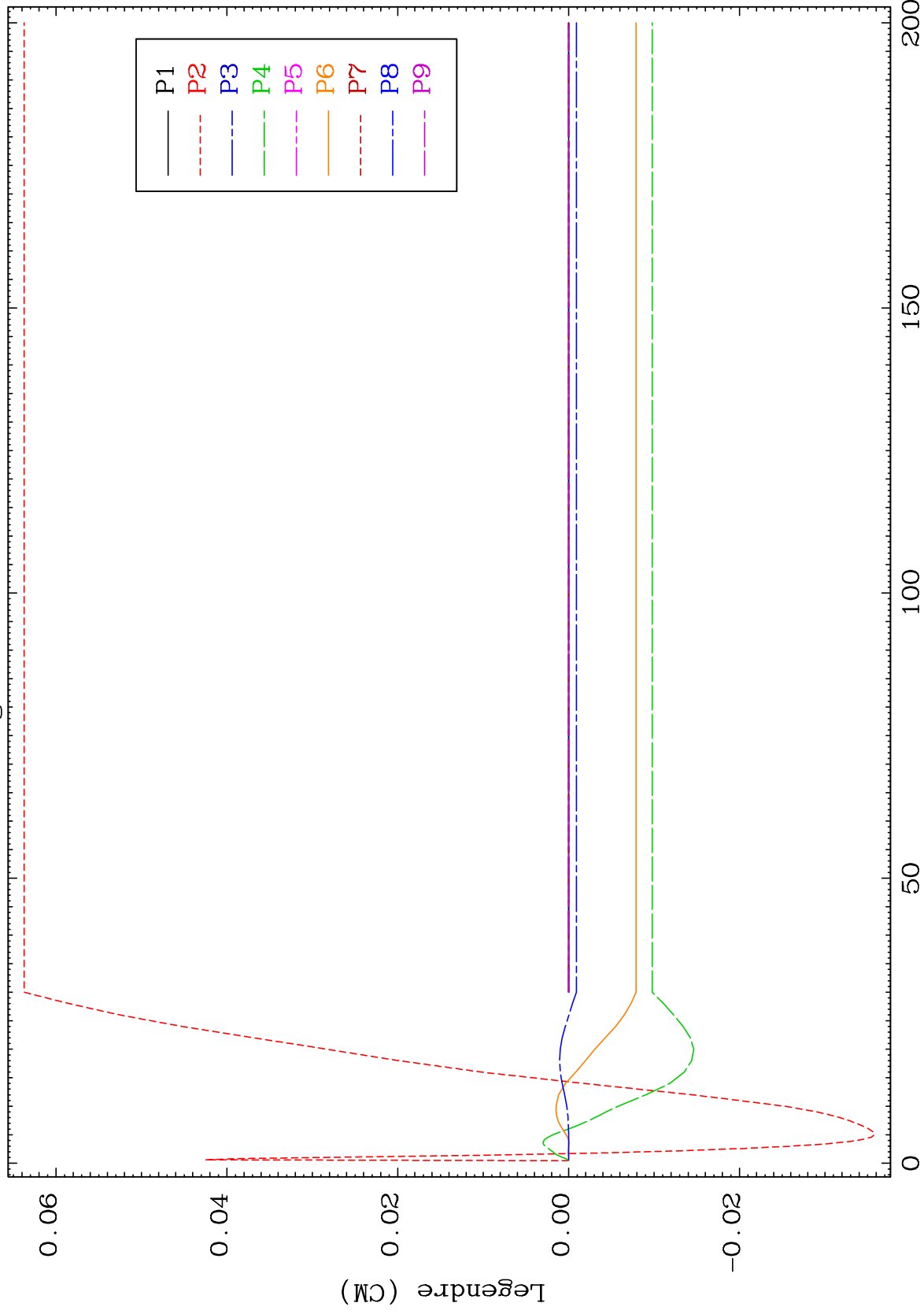
61-Pm-150



MAT 6158

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

61-Pm-150



61-Pm-150

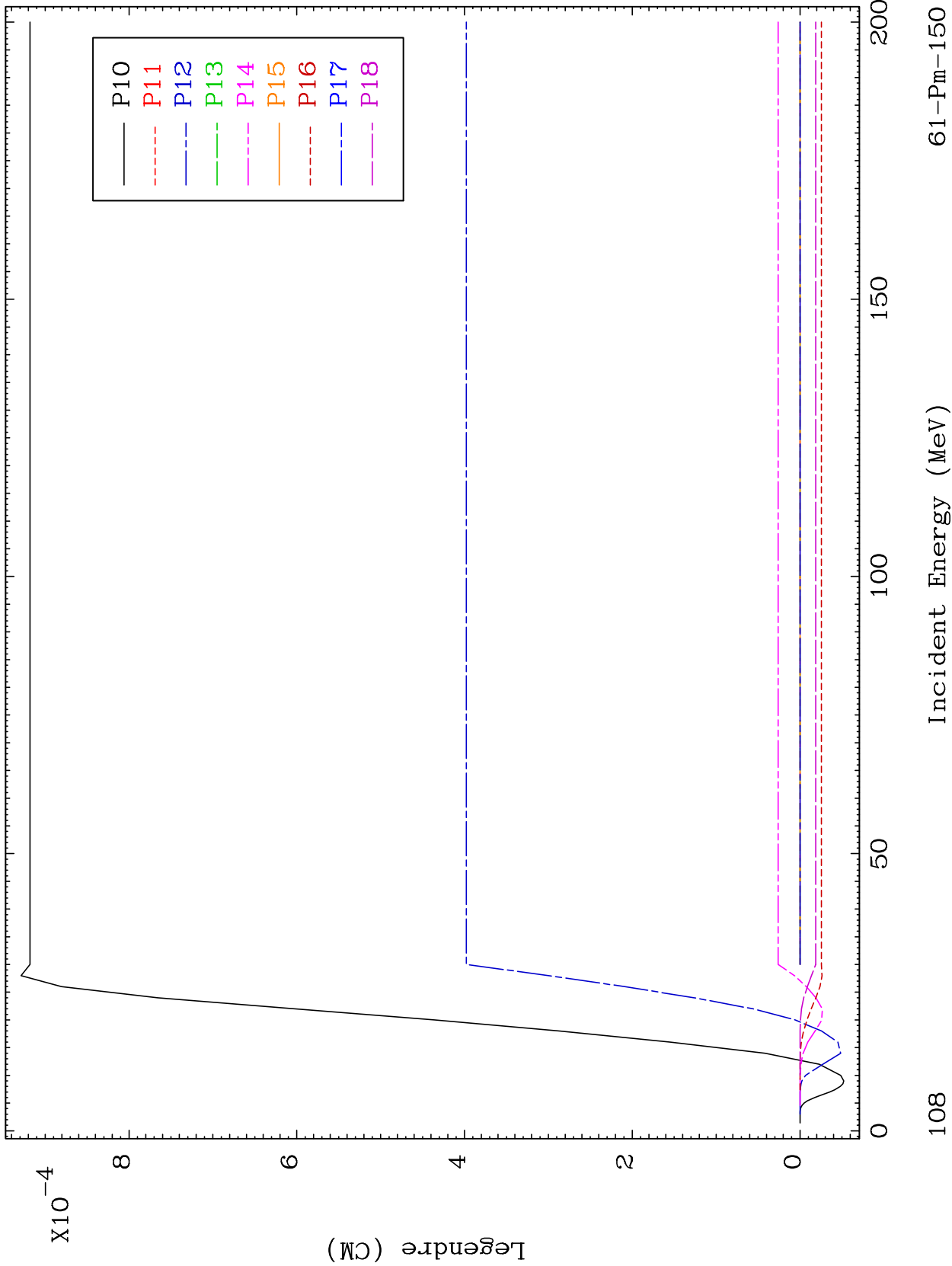
Incident Energy (MeV)

107

MAT 6158

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

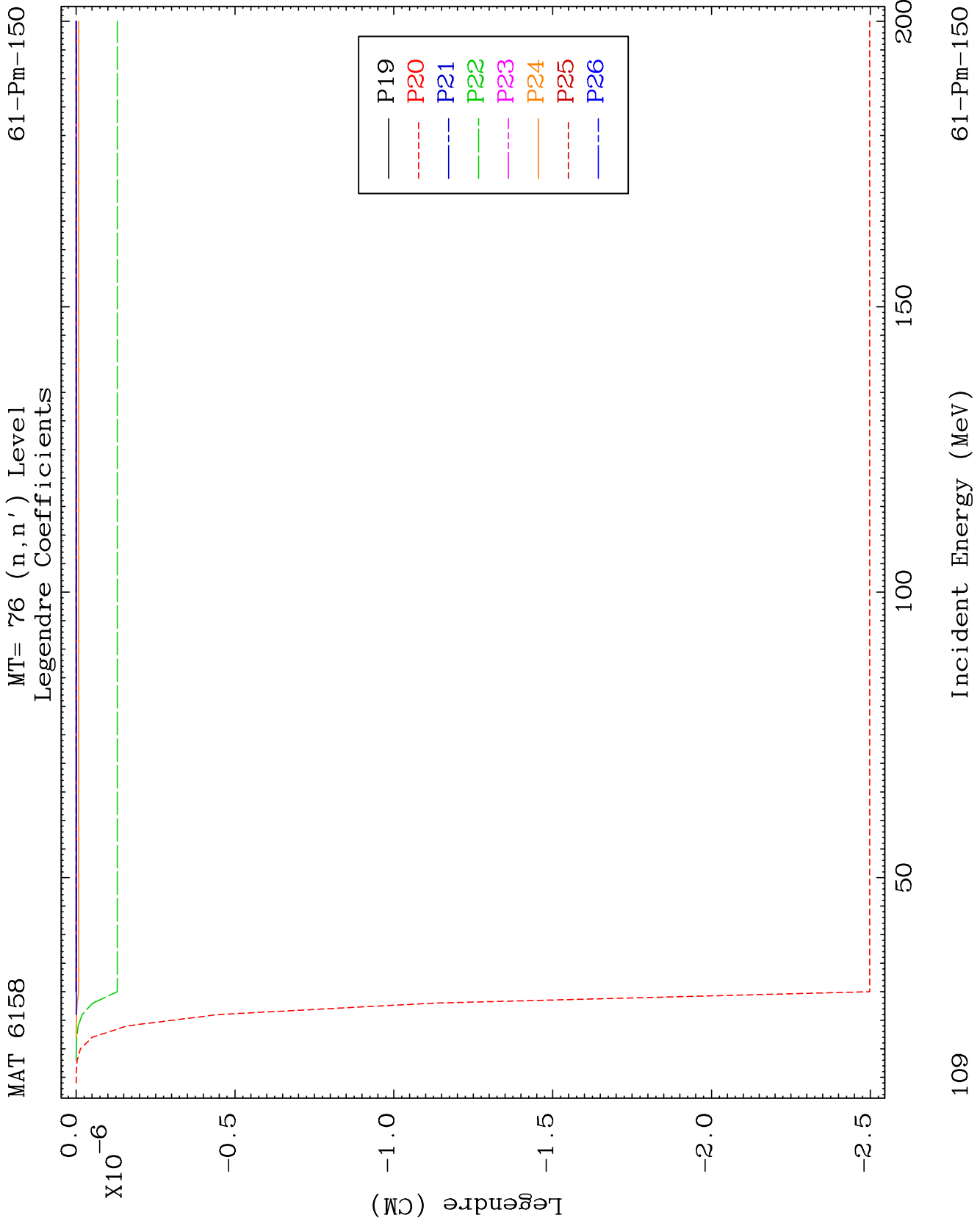
61-Pm-150



61-Pm-150

Incident Energy (MeV)

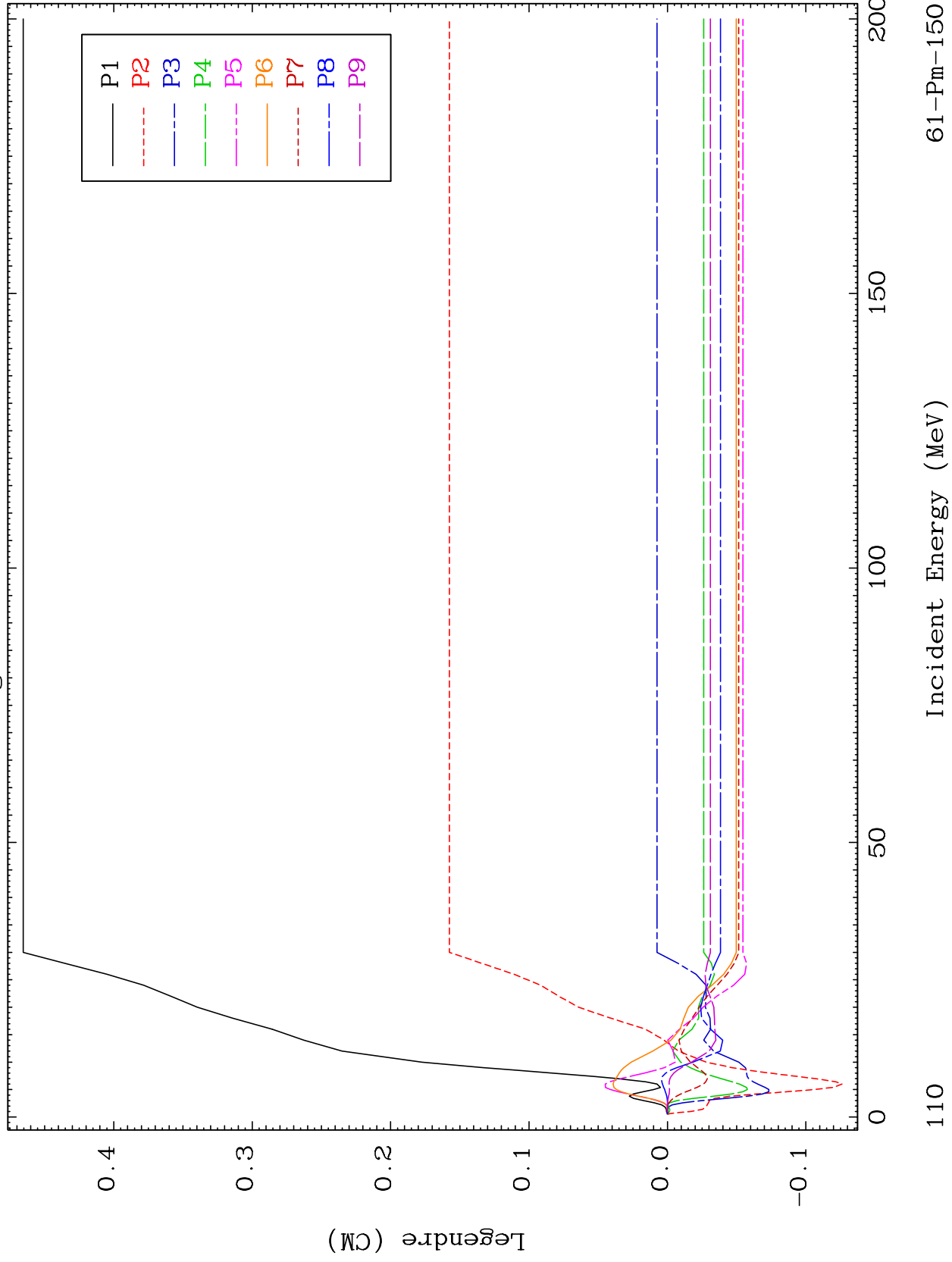
108



MAT 6158

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

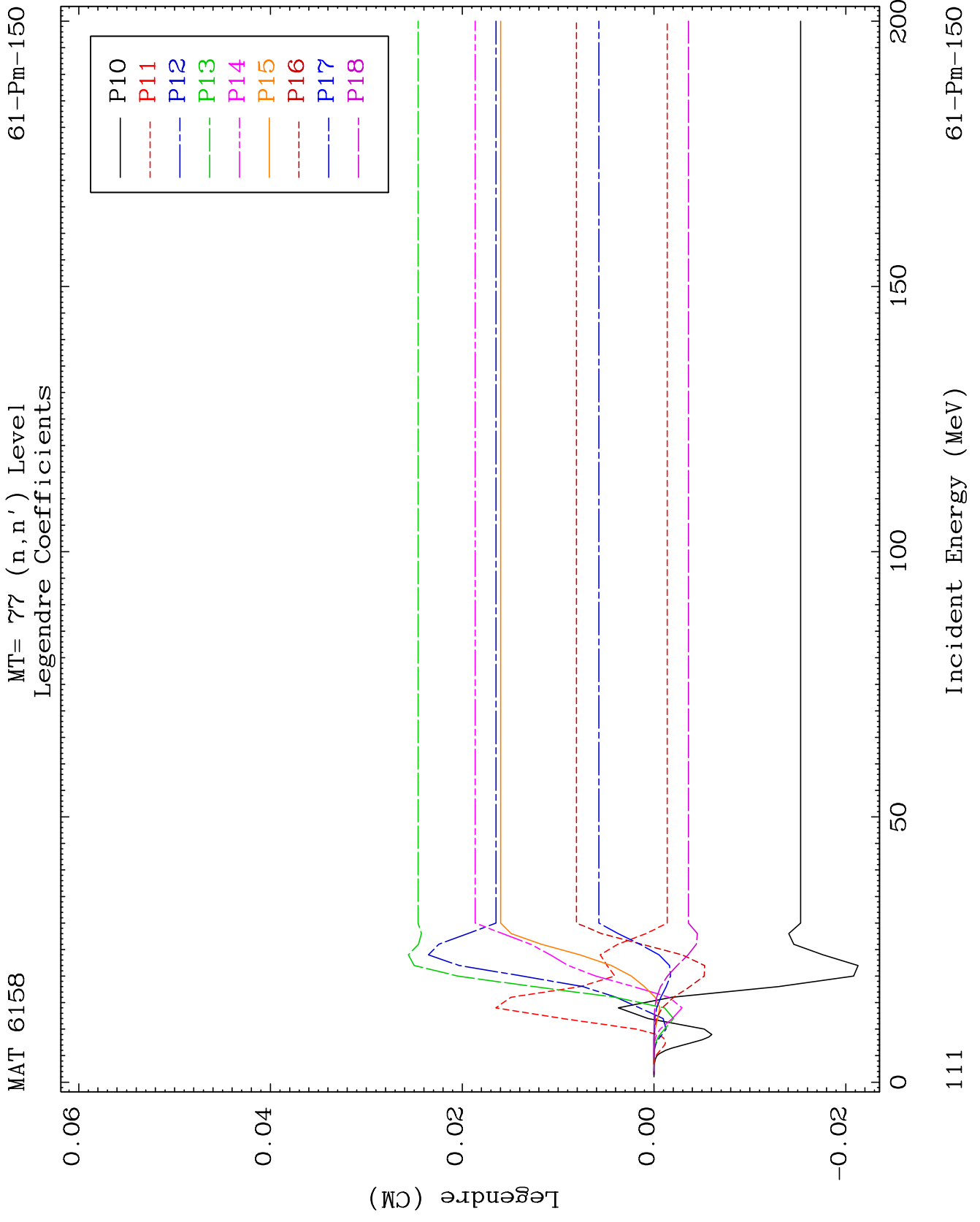
61-Pm-150



61-Pm-150

Incident Energy (MeV)

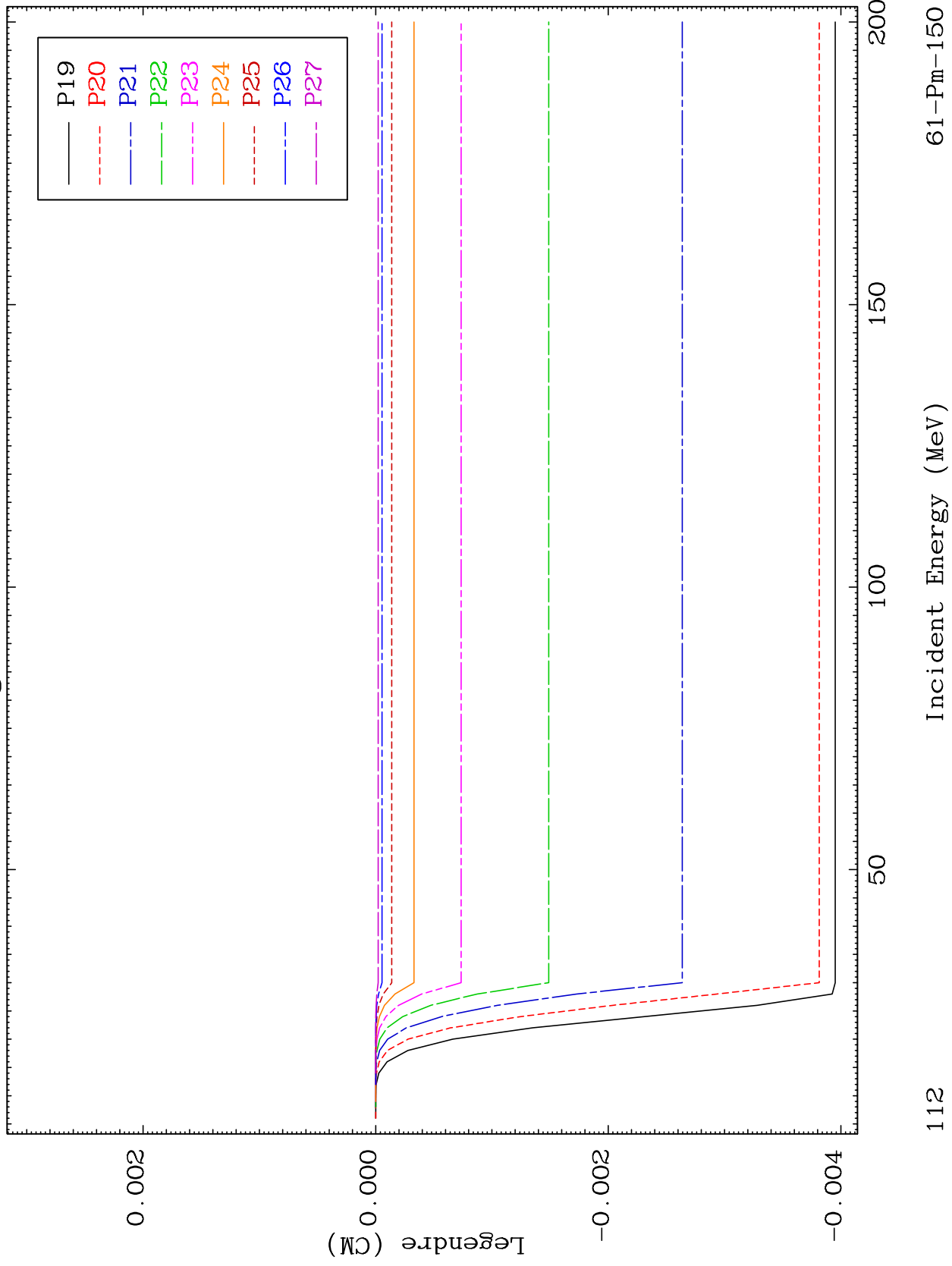
110



MAT 6158

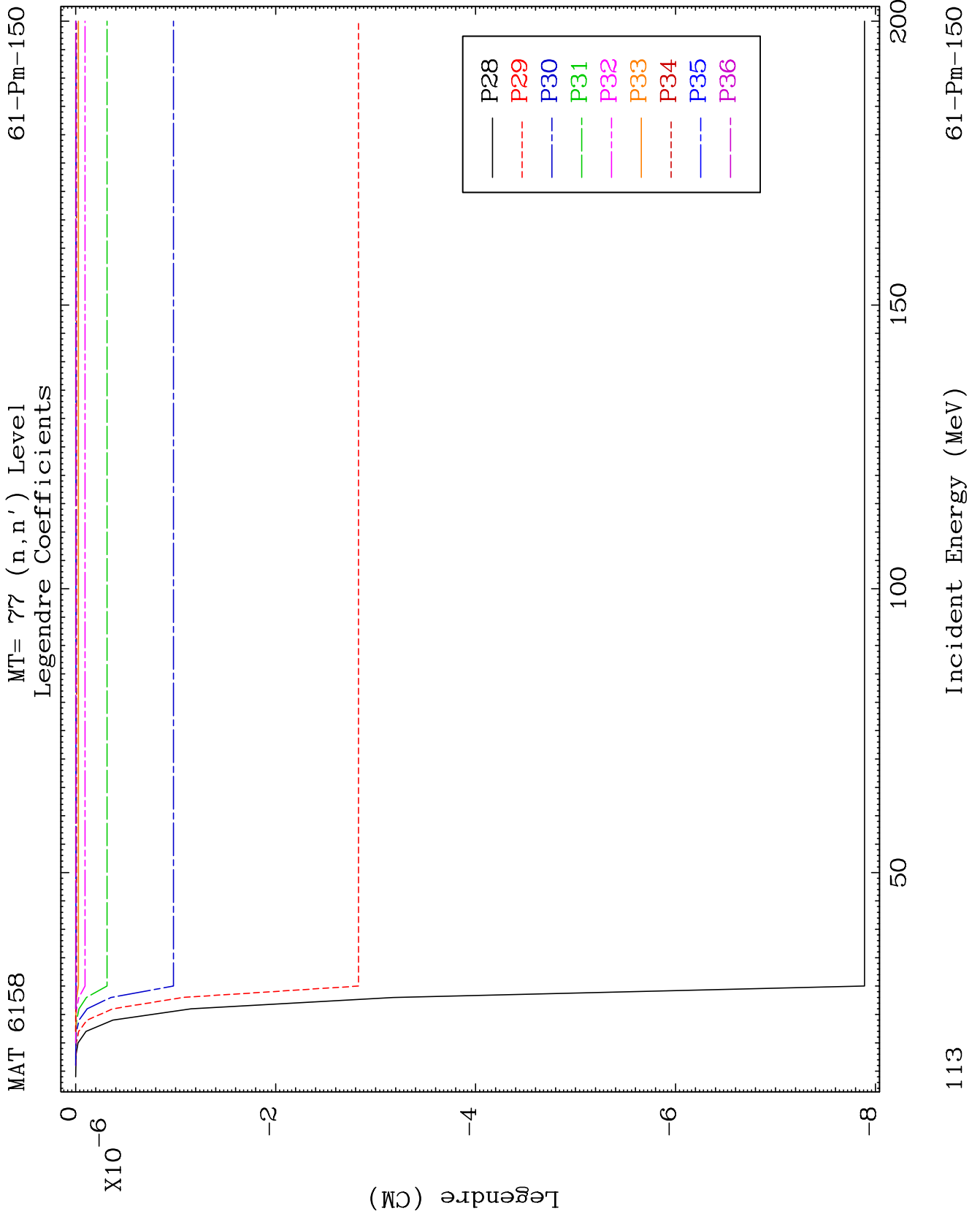
MT= 77 (n,n') Level  
Legendre Coefficients

61-Pm-150



112

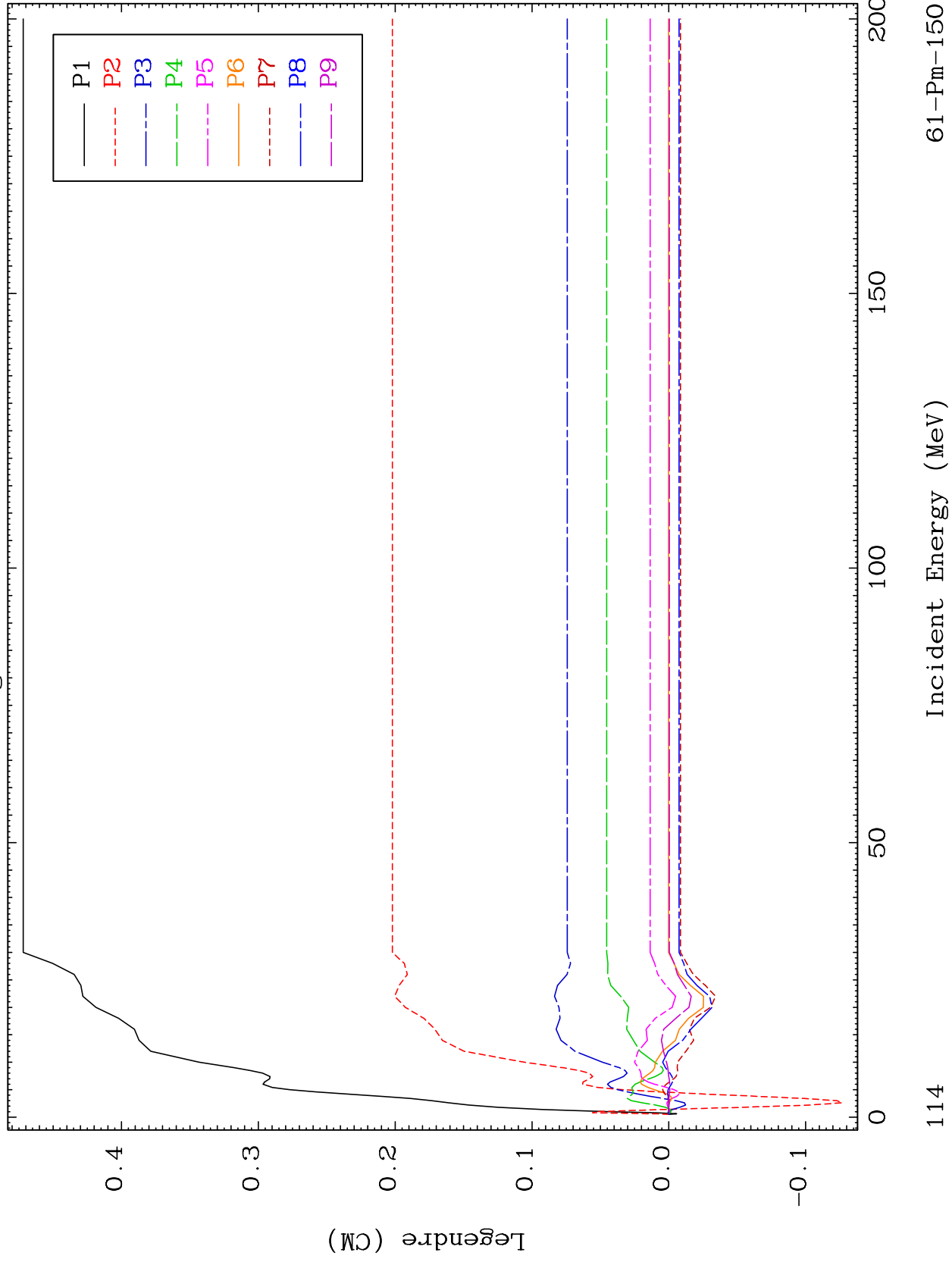
61-Pm-150



MAT 6158

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

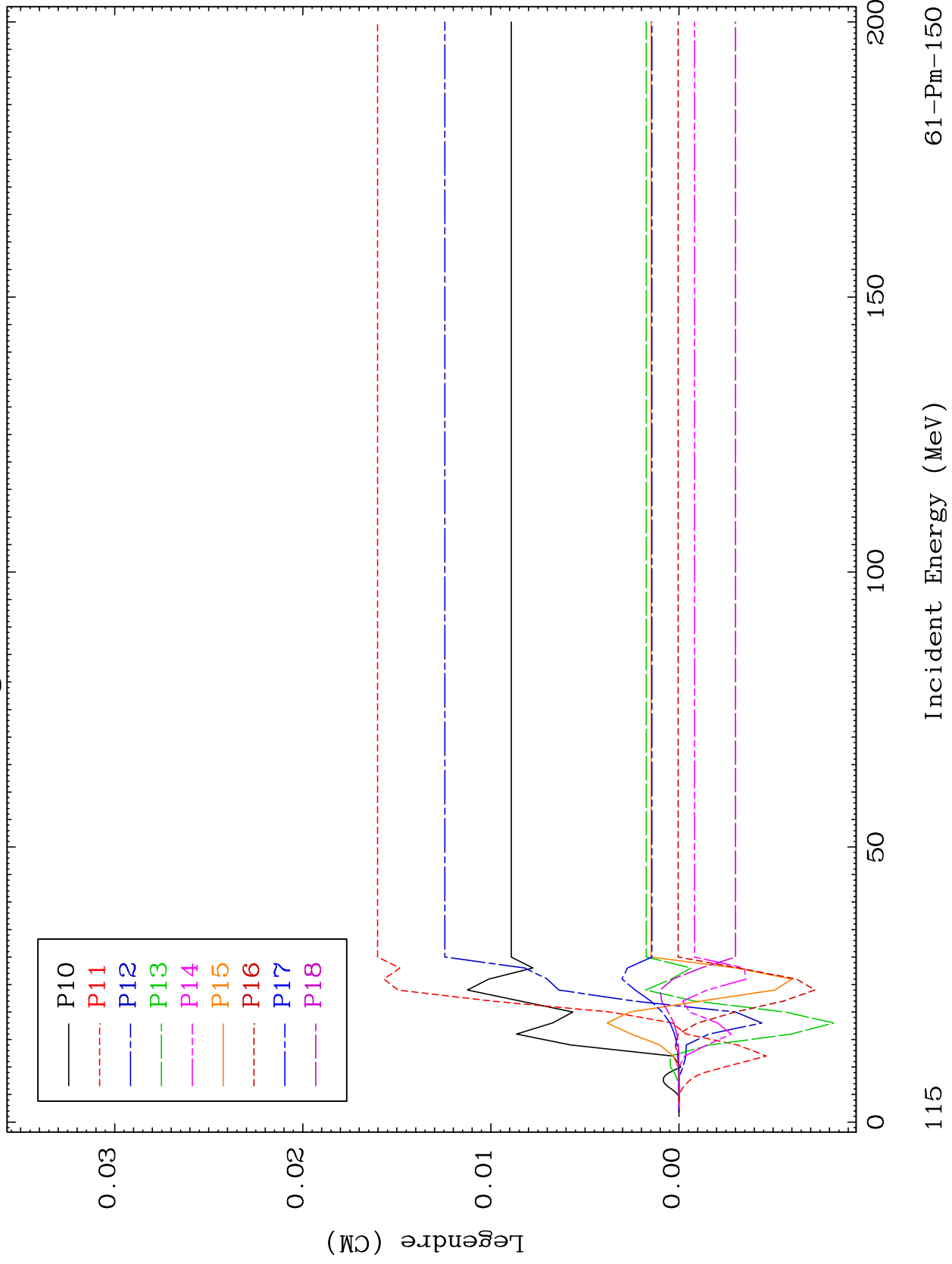
61-Pm-150



MAT 6158

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

61-Pm-150



61-Pm-150

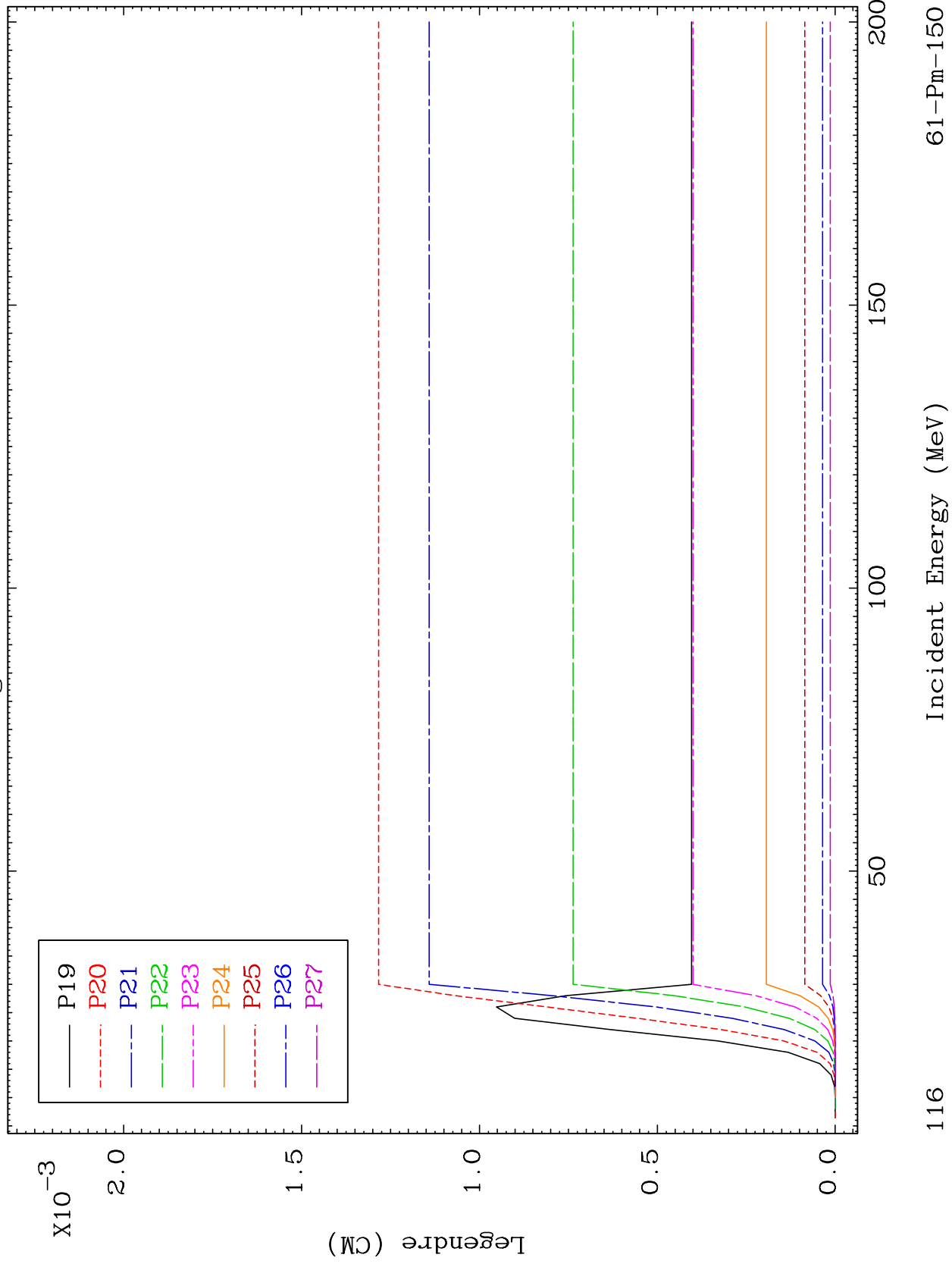
Incident Energy (MeV)

115

MAT 6158

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

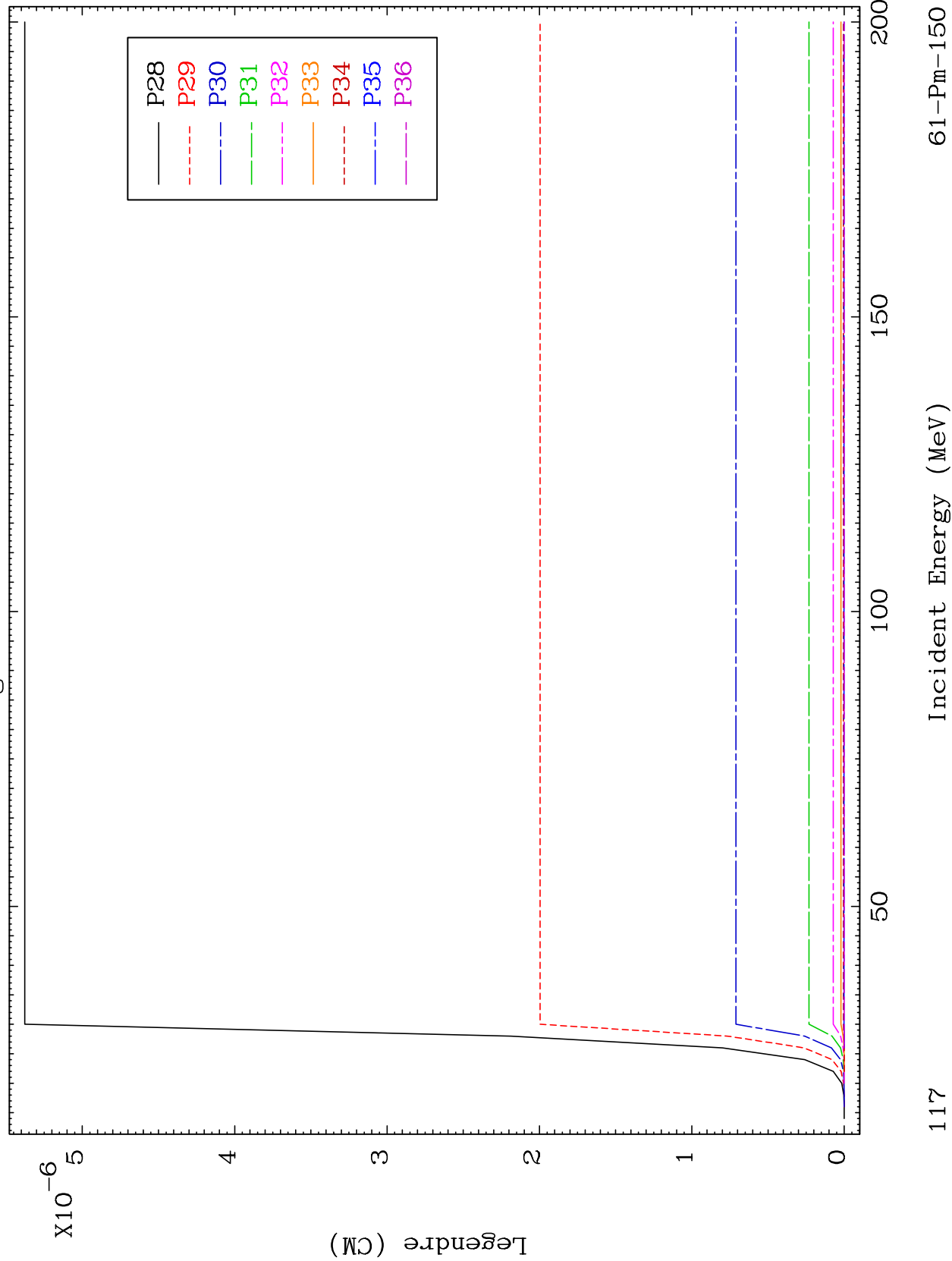
61-Pm-150



MAT 6158

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

61-Pm-150

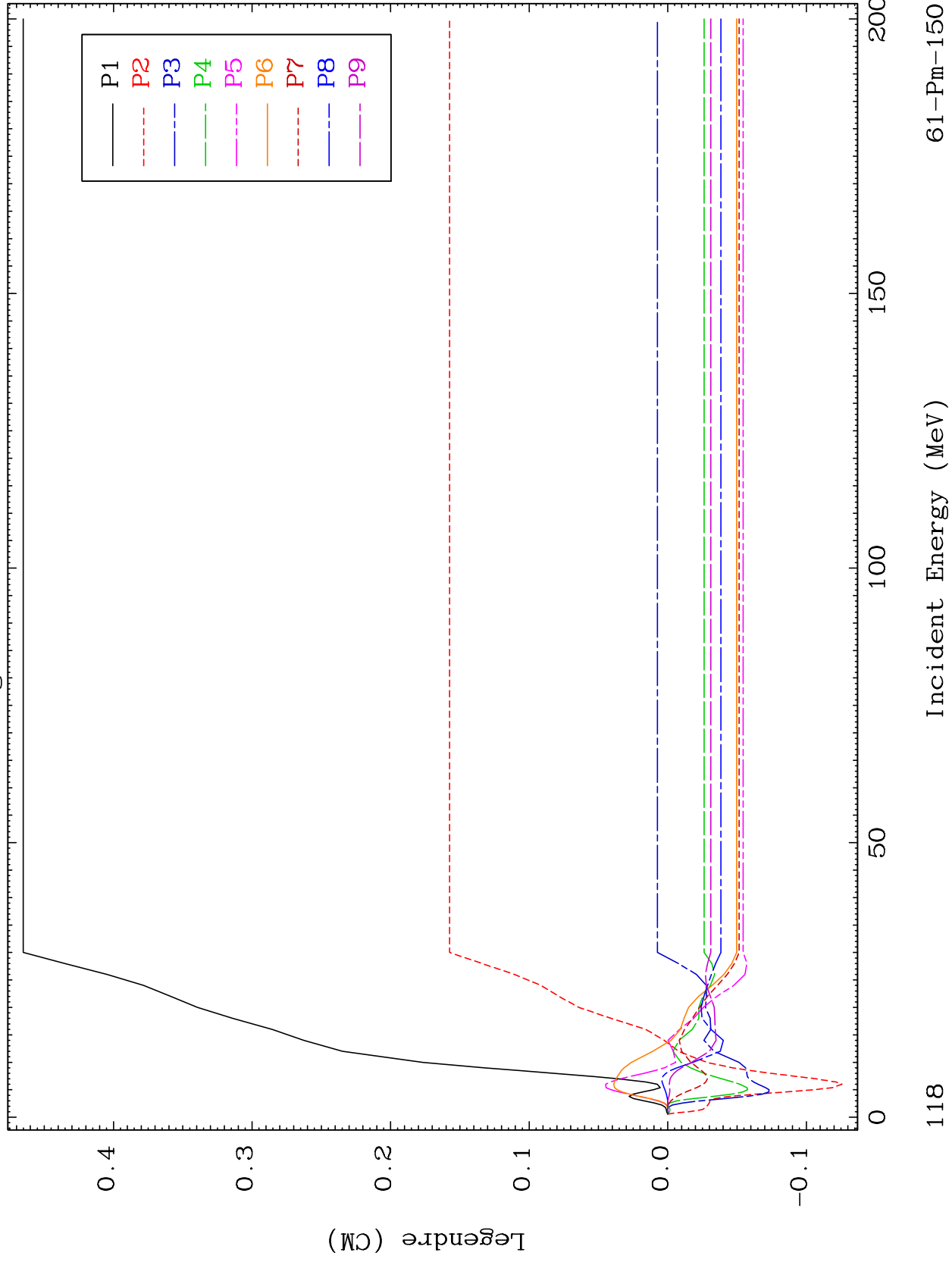


117

MAT 6158

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

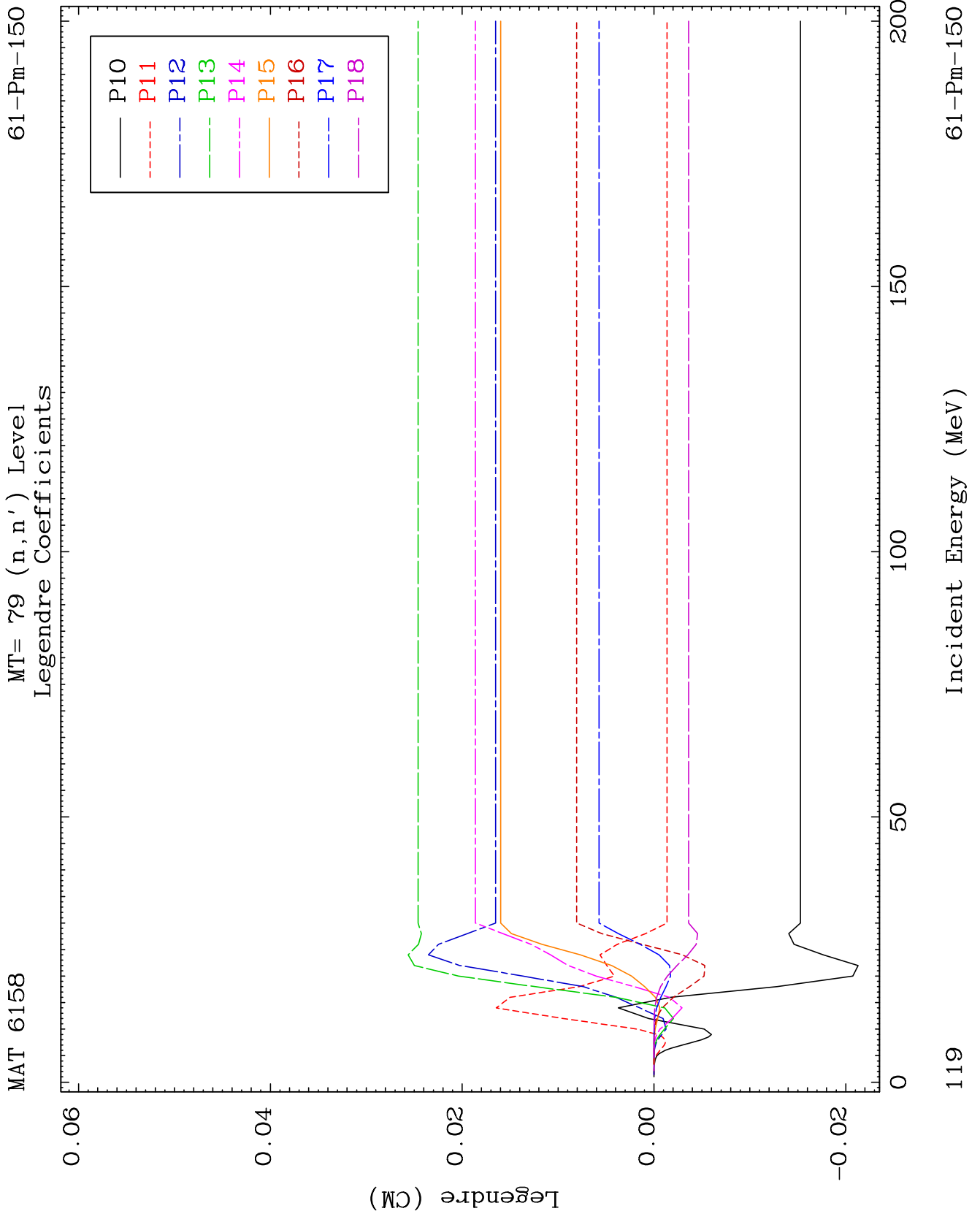
61-Pm-150



61-Pm-150

Incident Energy (MeV)

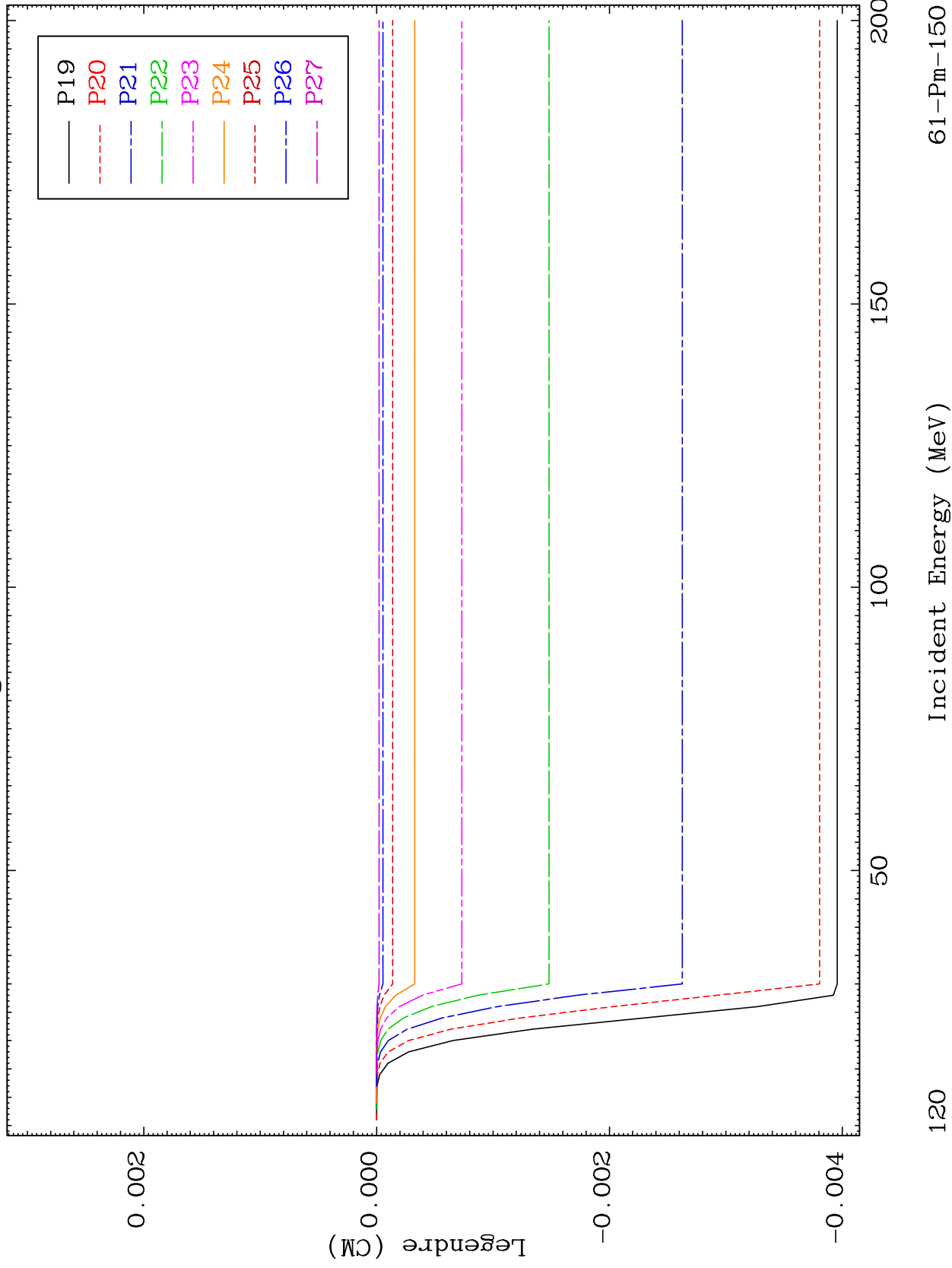
118



MAT 6158

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

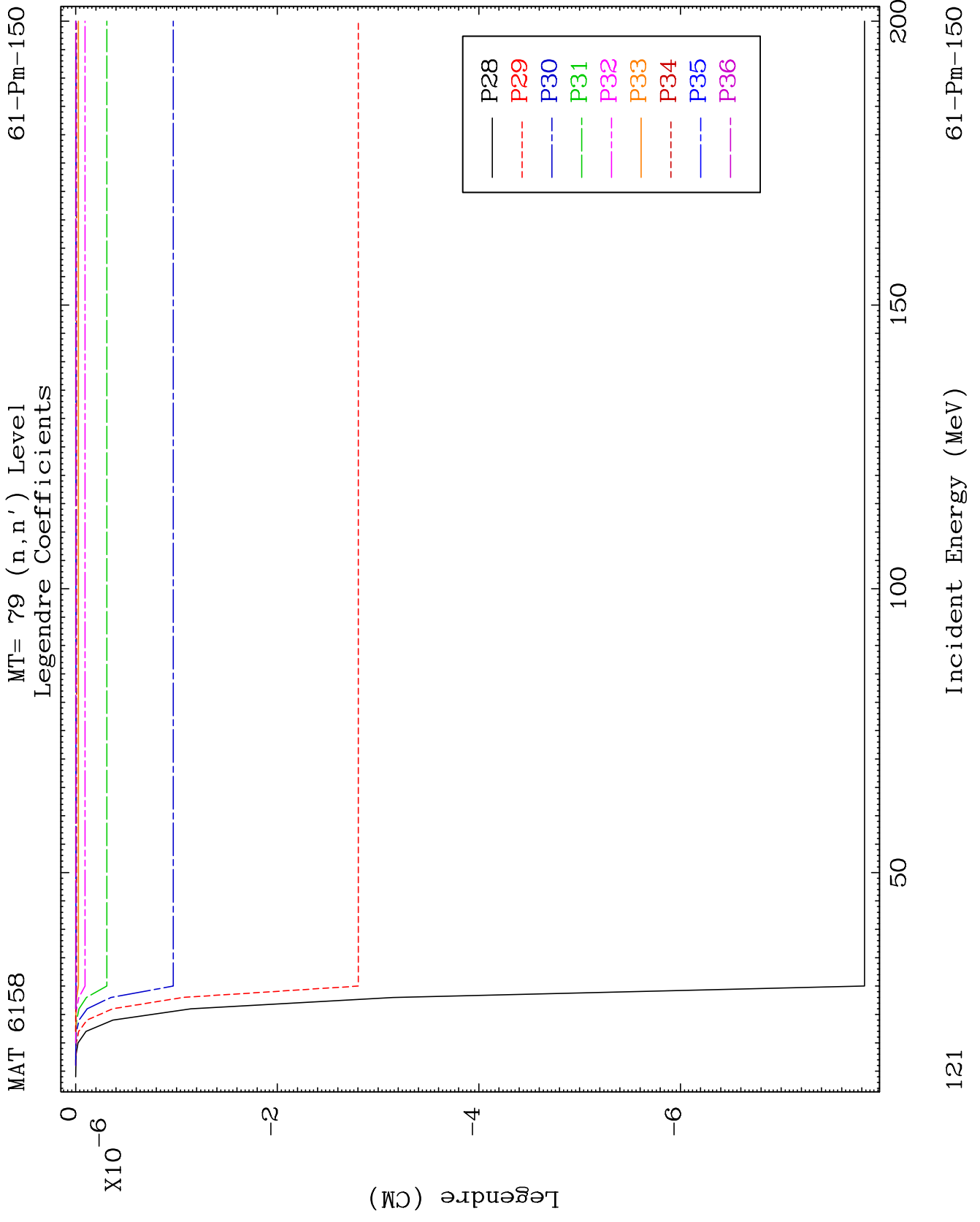
61-Pm-150



61-Pm-150

Incident Energy (MeV)

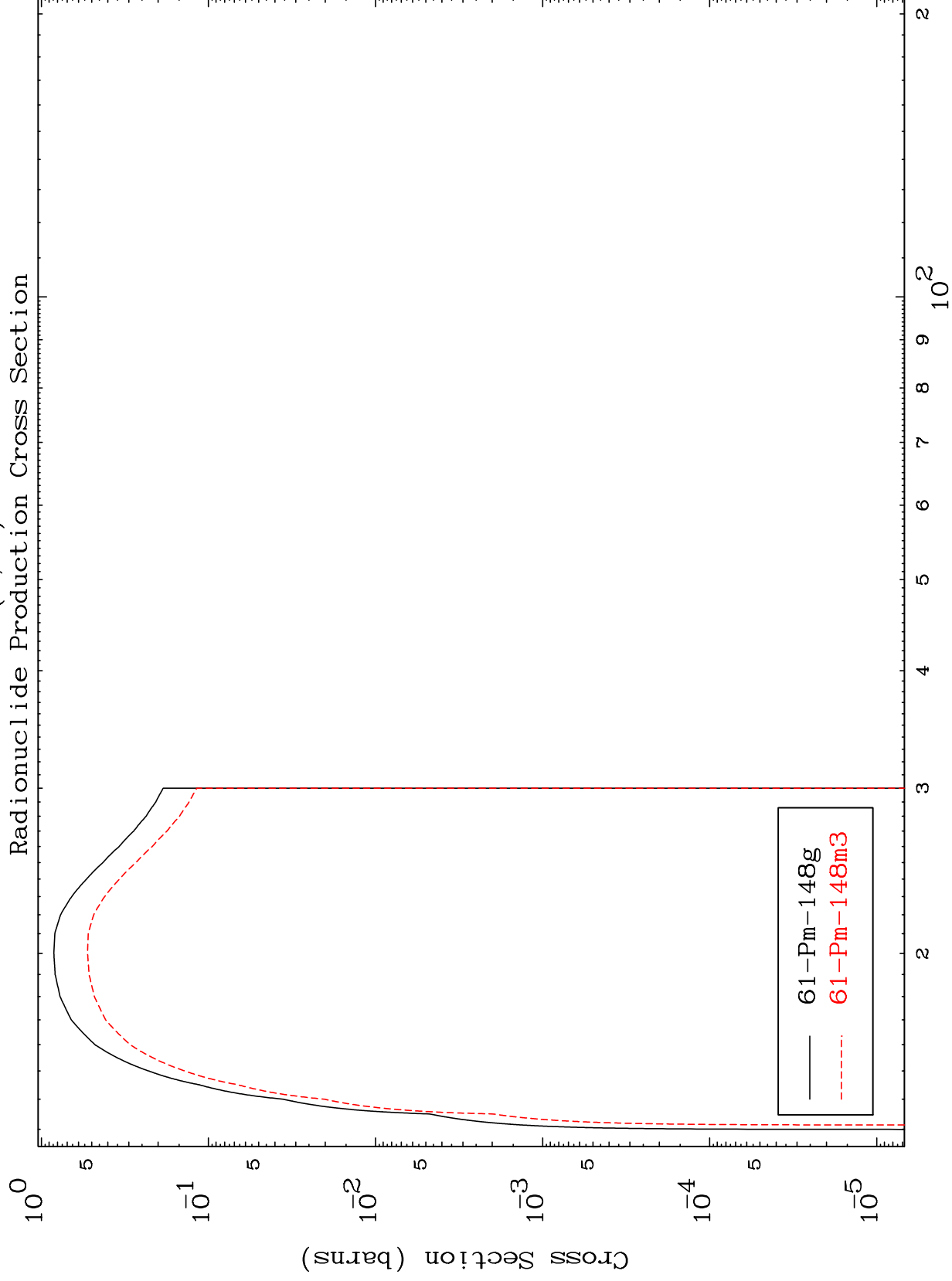
120



MAT 6158

(n,3n)

61-Pm-150



122

Incident Energy (MeV)

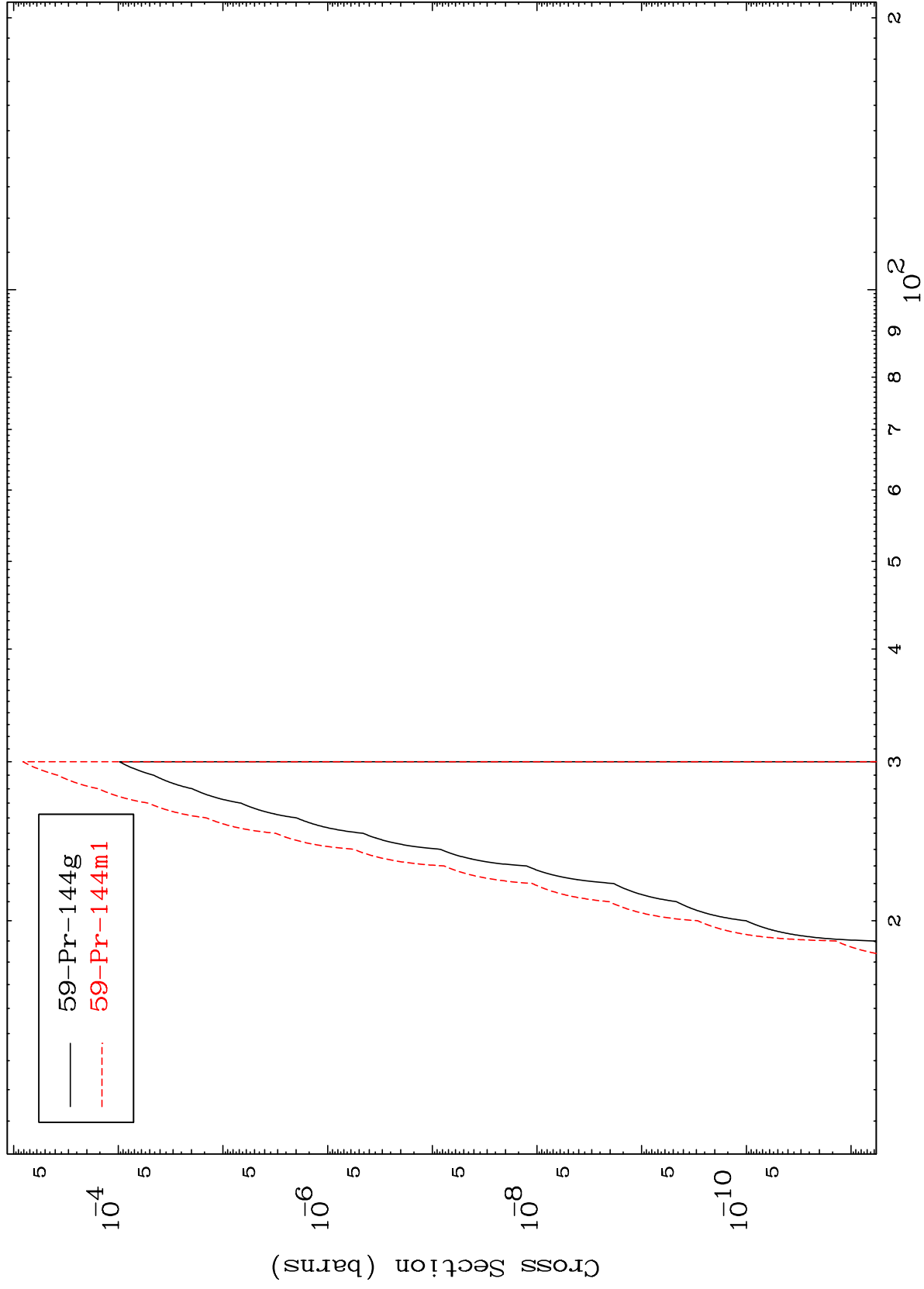
61-Pm-150

MAT 6158

(n,3n)  $\alpha$

61-Pm-150

Radionuclide Production Cross Section



123

Incident Energy (MeV)

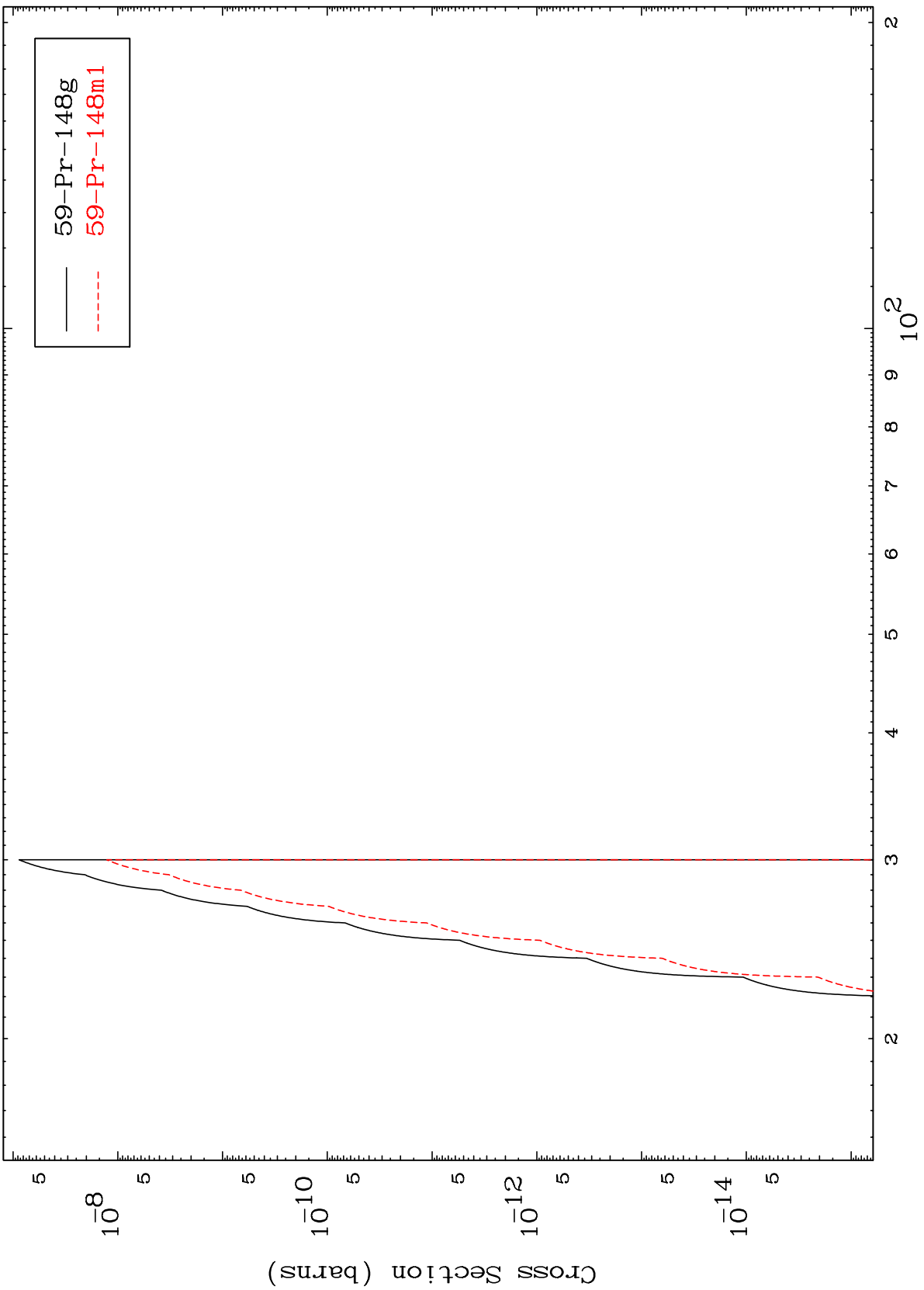
61-Pm-150

MAT 6158

(n,2n) p

61-Pm-150

Radionuclide Production Cross Section



124

Incident Energy (MeV)

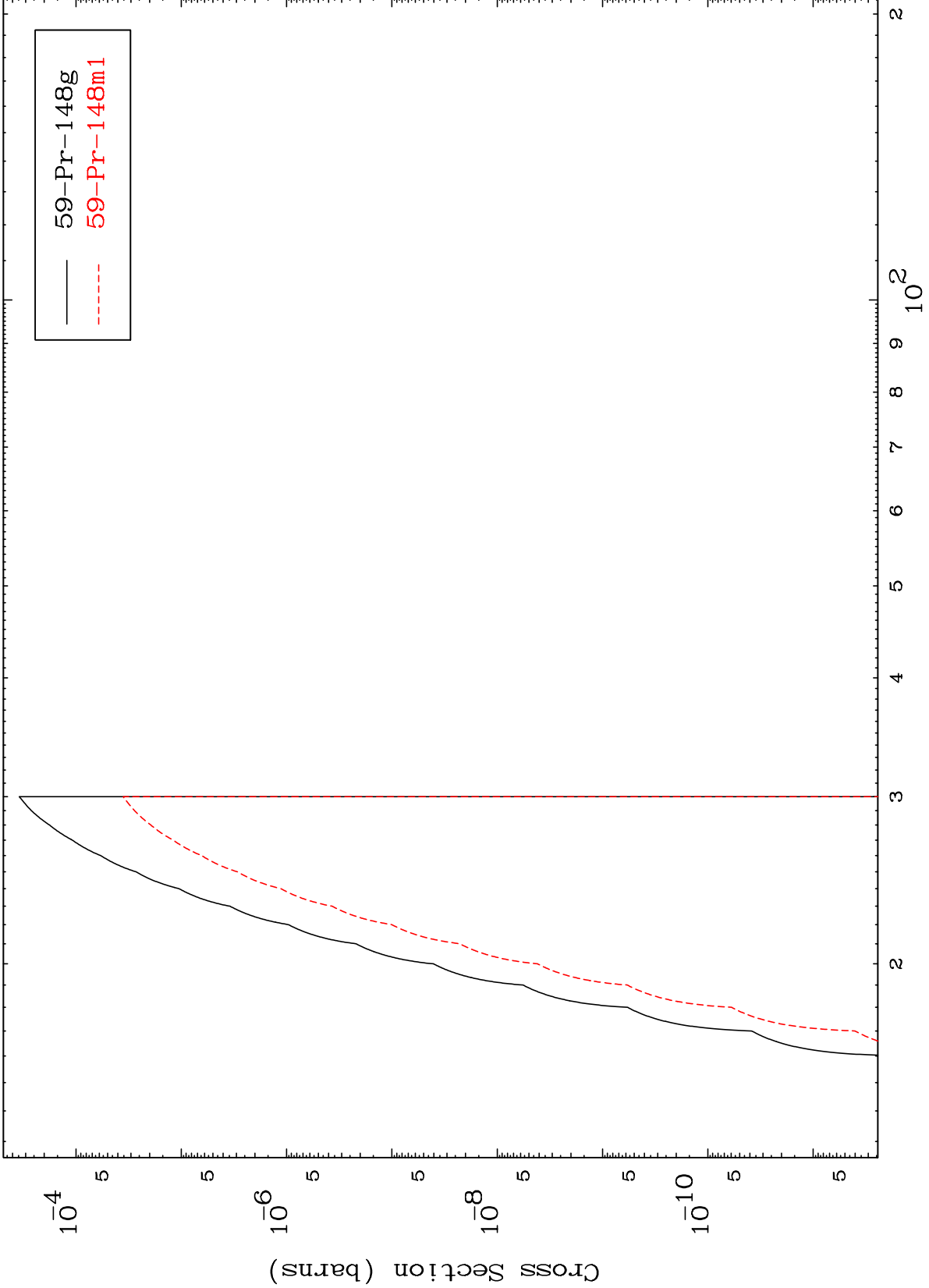
61-Pm-150

MAT 6158

(n,He-3)

61-Pm-150

Radionuclide Production Cross Section



125

Incident Energy (MeV)

61-Pm-150