

Program EVALPLOT
(Version 2018-1)

by

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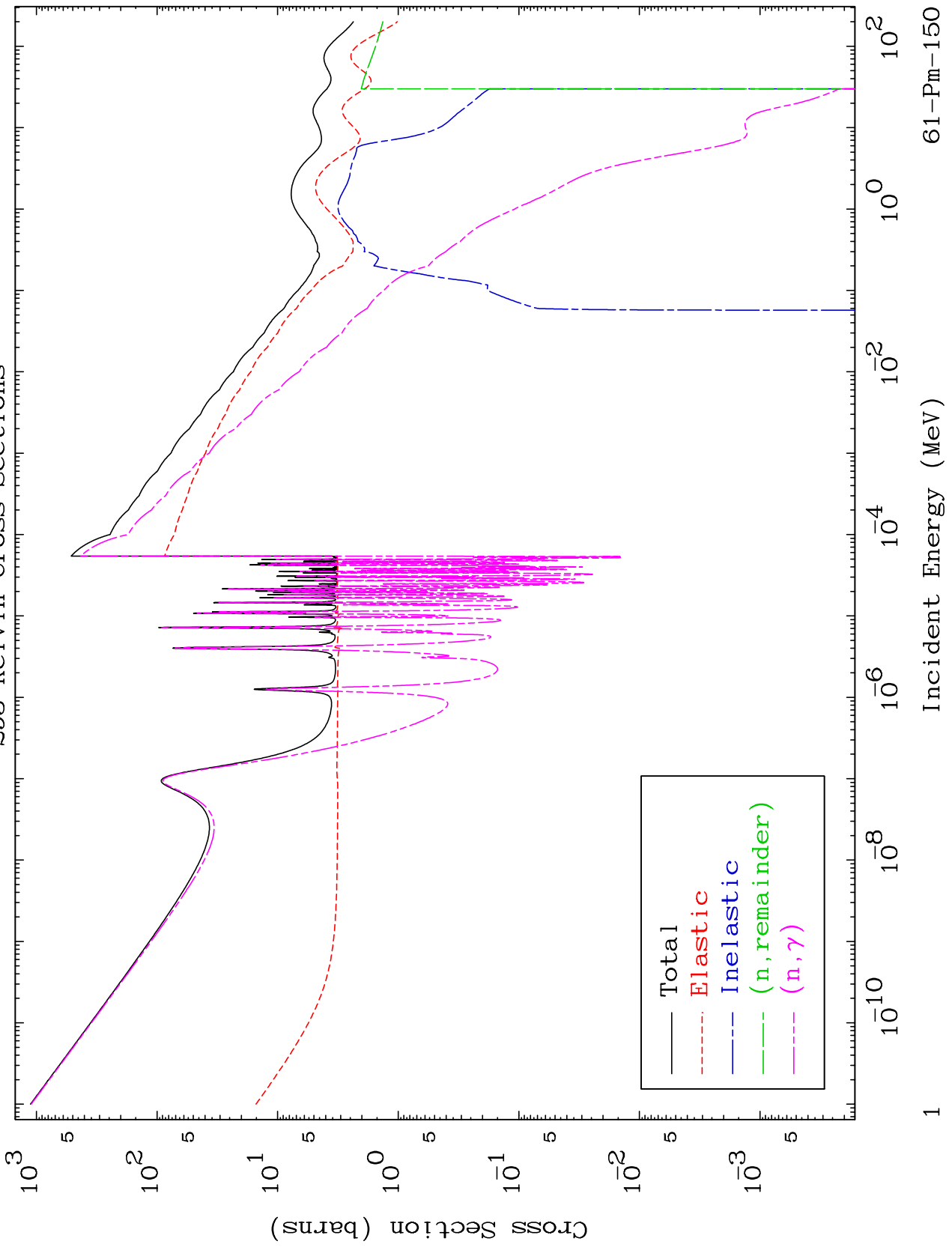
Press Mouse Button to Start

MAT 6158

Major

293 Kelvin Cross Sections

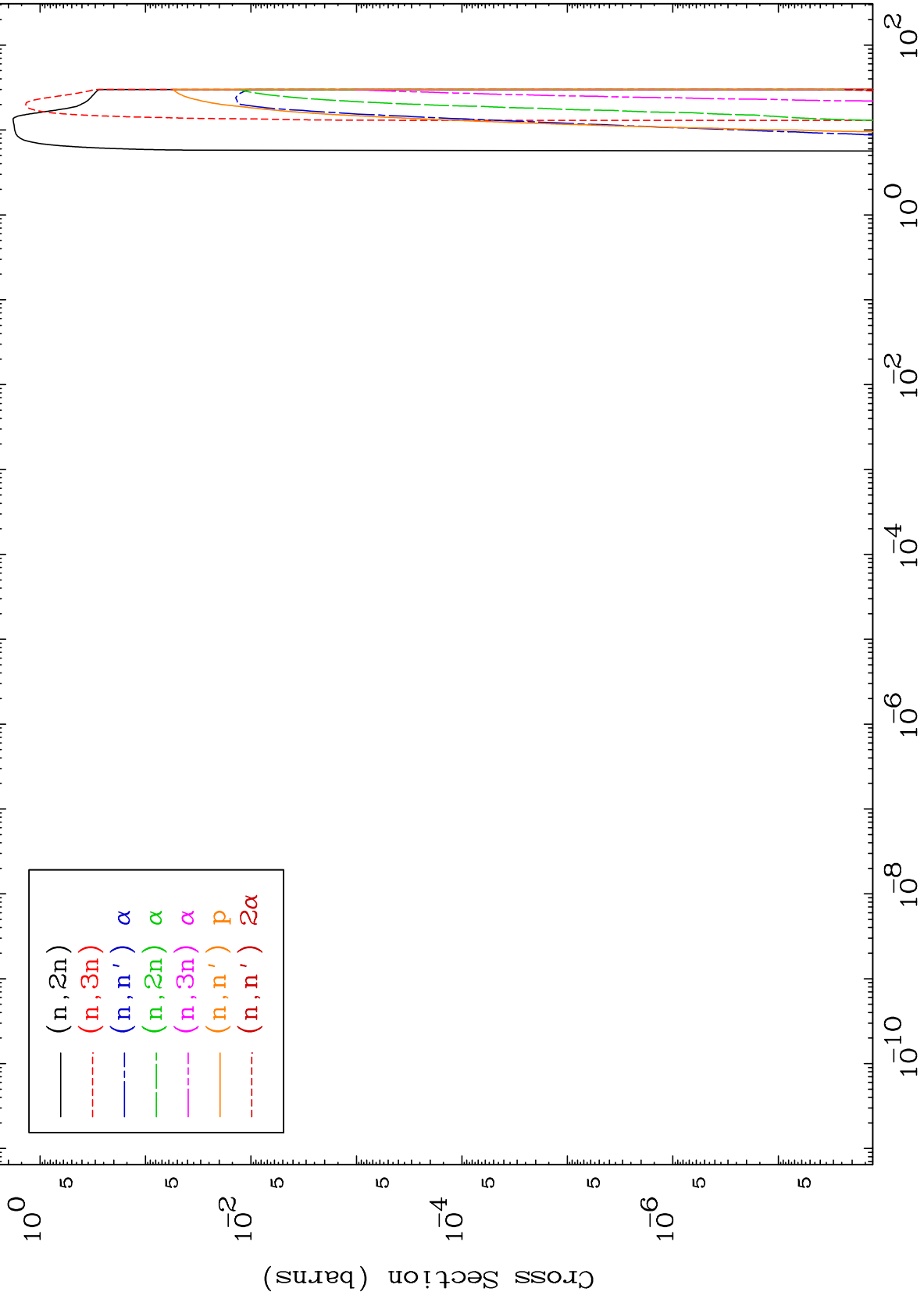
61-Pm-150



MAT 6158

Neutron Production
293 Kelvin Cross Sections

61-Pm-150

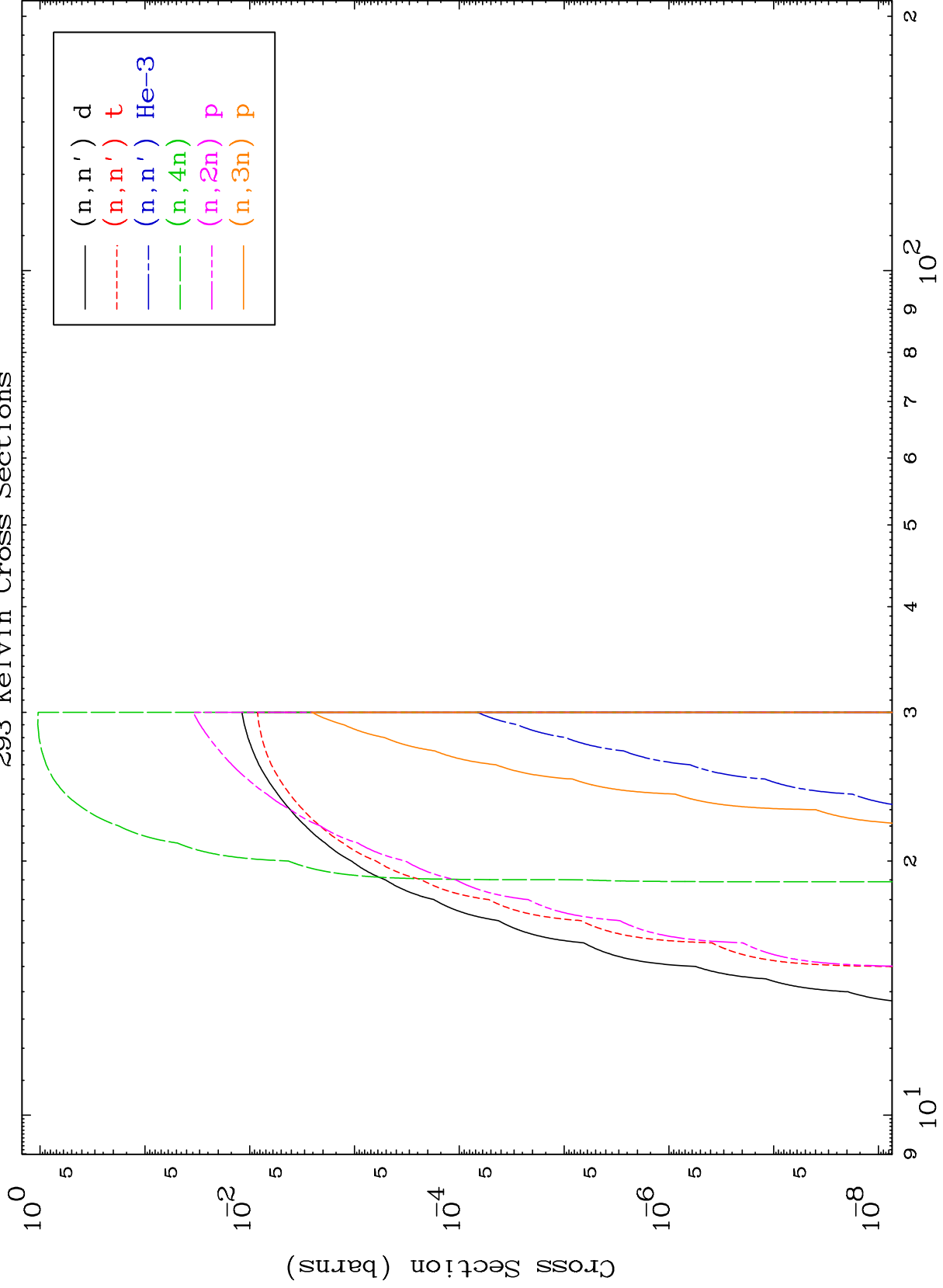


61-Pm-150

MAT 6158

Neutron Production
293 Kelvin Cross Sections

61-Pm-150



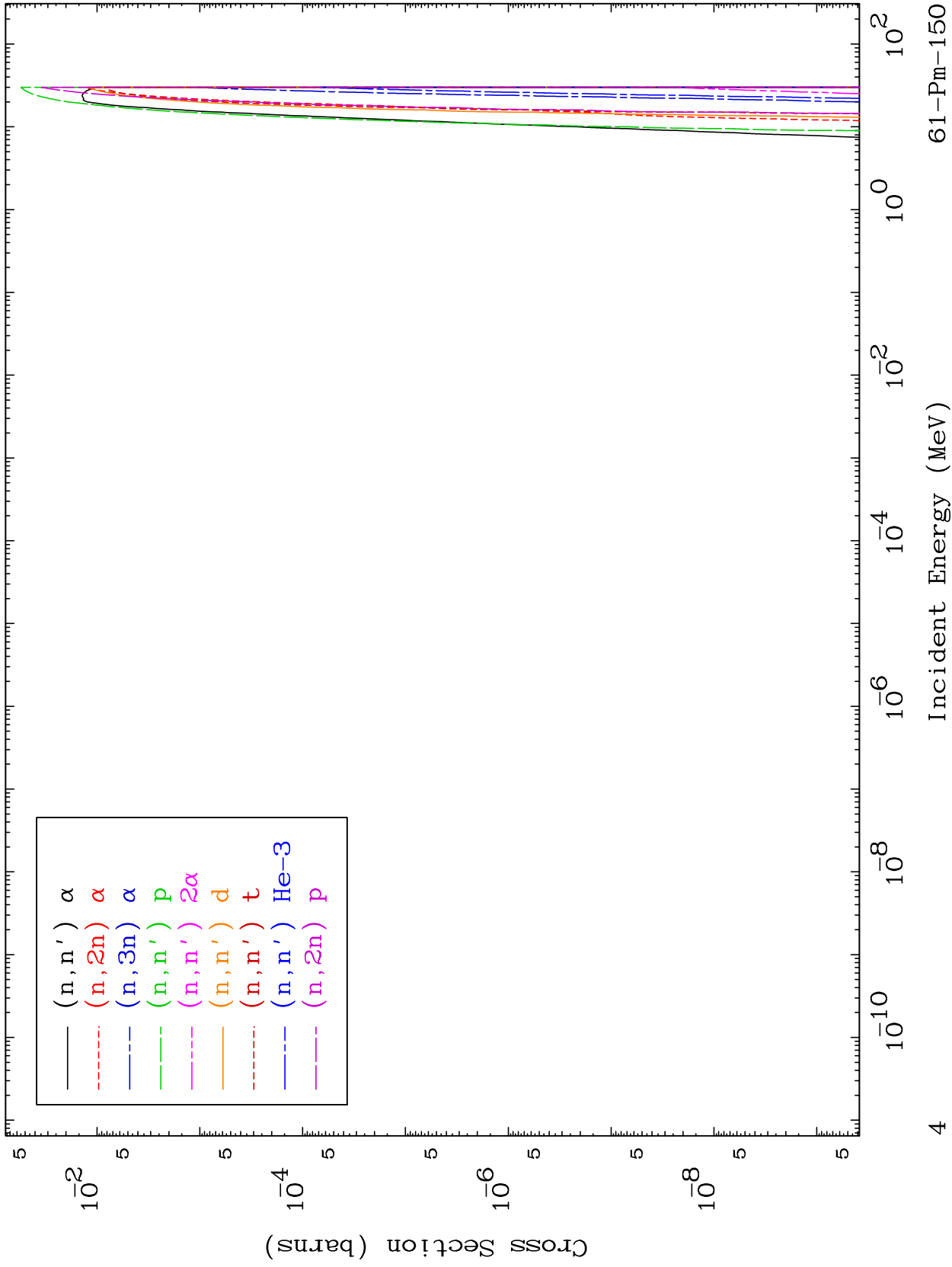
Incident Energy (MeV)

61-Pm-150

MAT 6158

Charged Particle
293 Kelvin Cross Sections

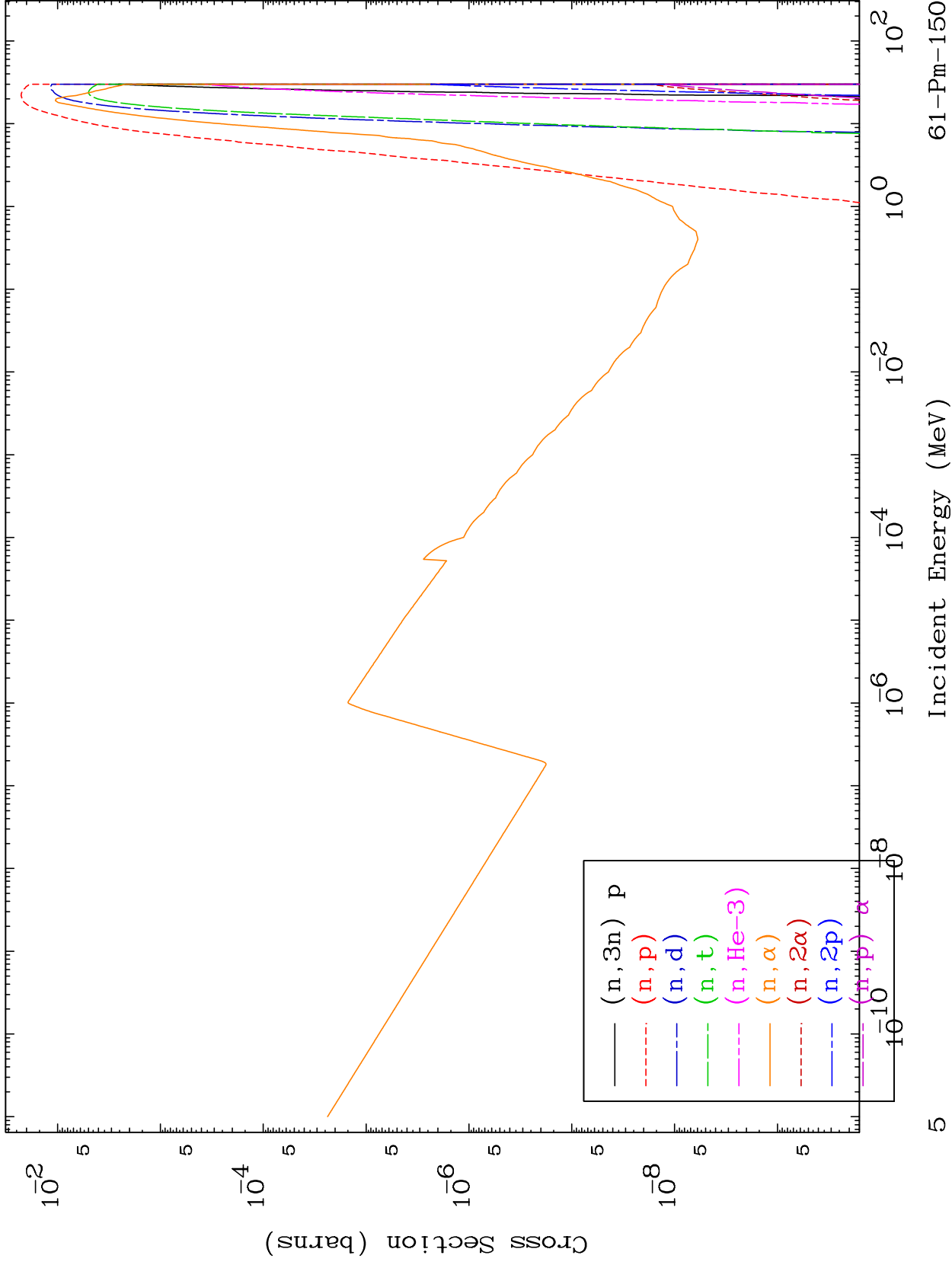
61-Pm-150



MAT 6158

Charged Particle
293 Kelvin Cross Sections

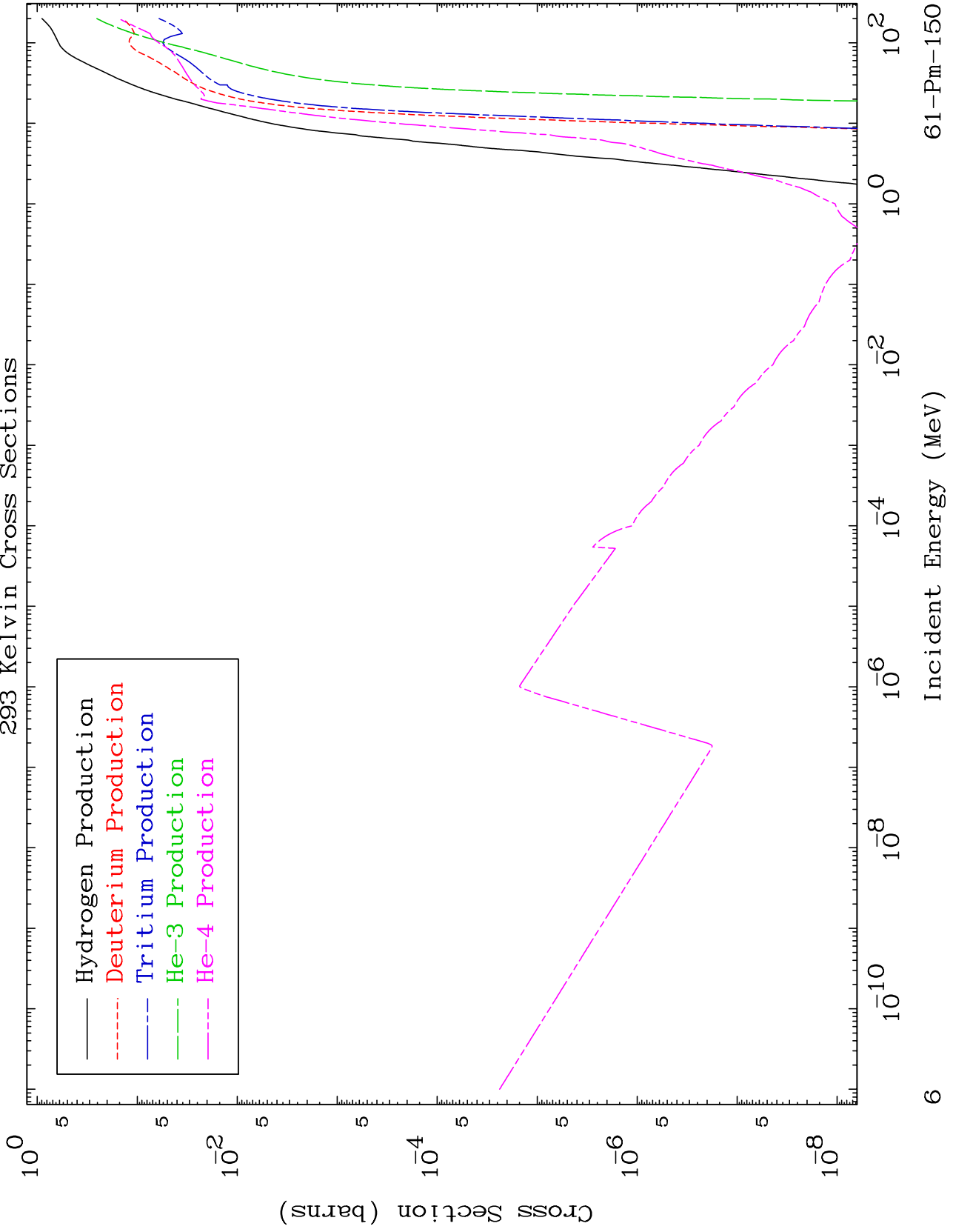
61-Pm-150



MAT 6158

Particle Production
293 Kelvin Cross Sections

61-Pm-150

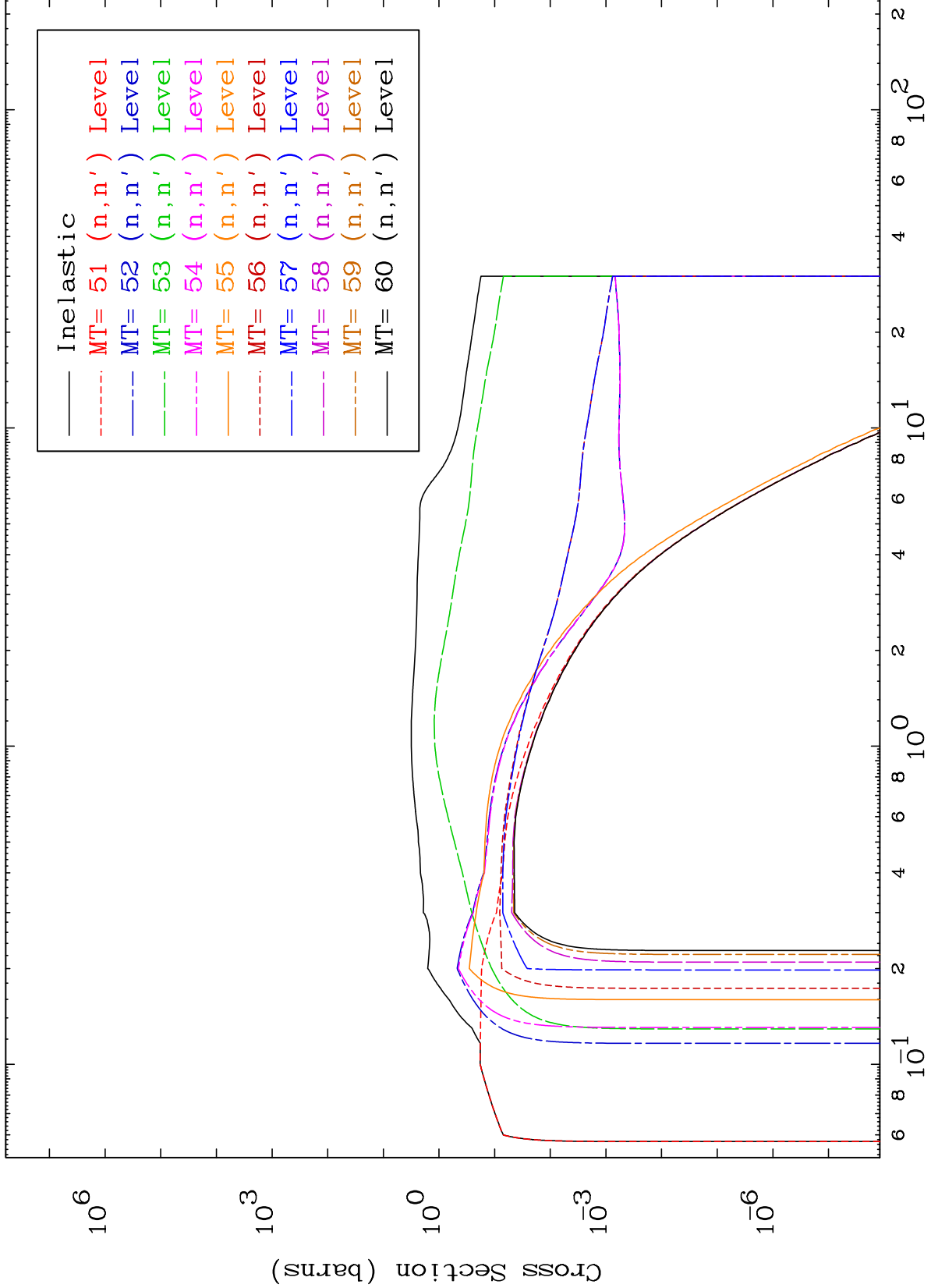


MAT 6158

(n,n') Level

61-Pm-150

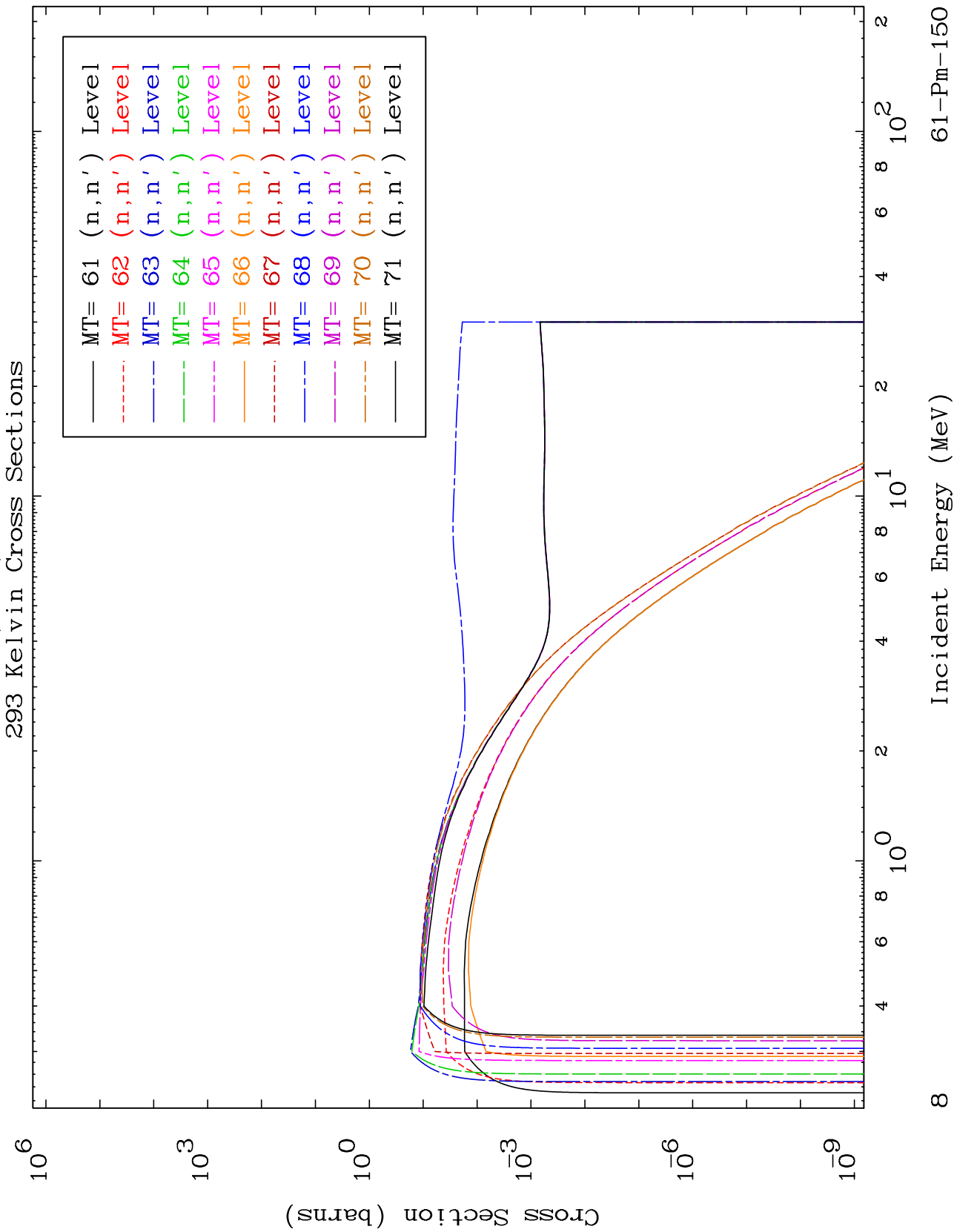
293 Kelvin Cross Sections



MAT 6158

(n,n') Level

61-Pm-150



8

Incident Energy (MeV)

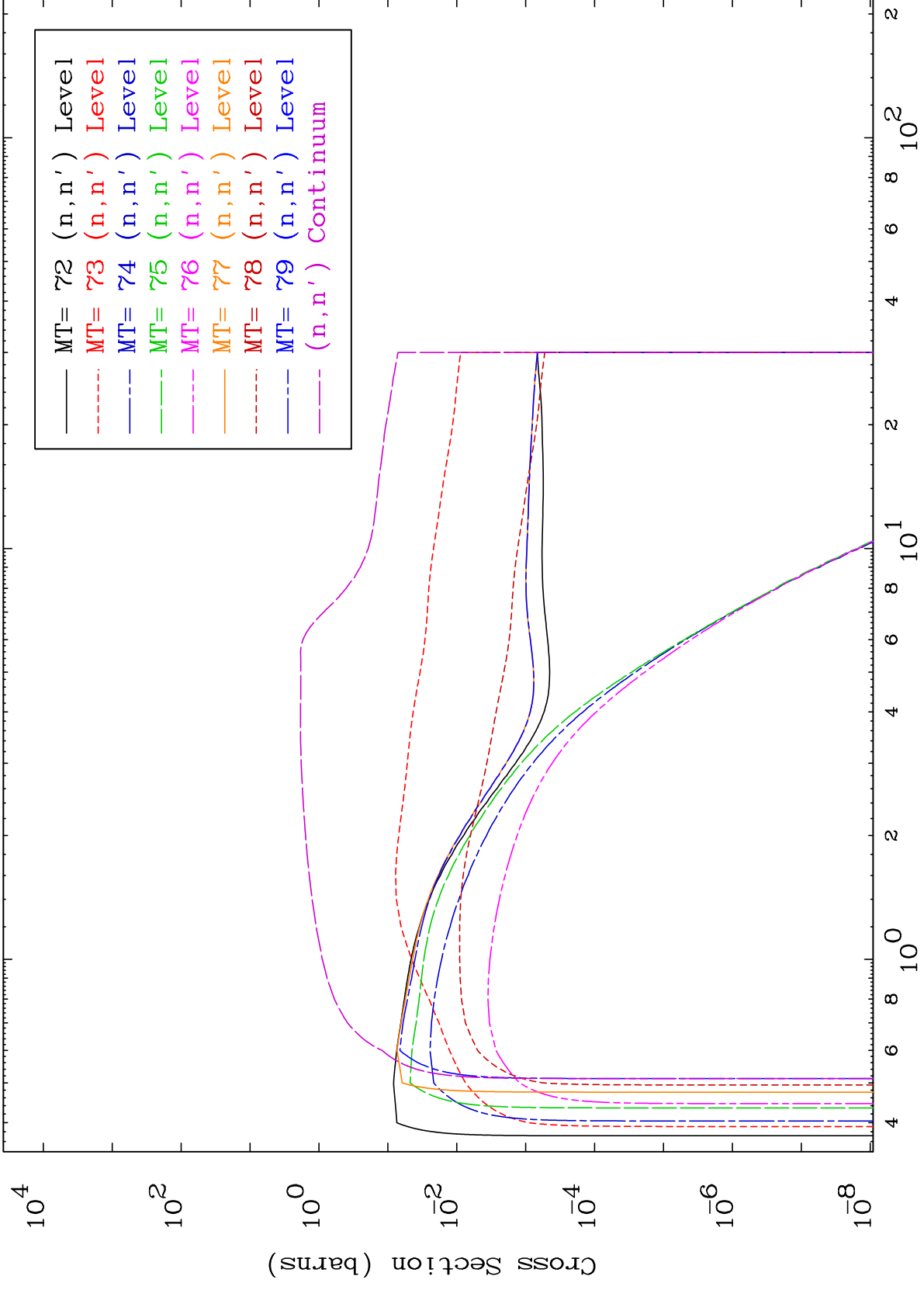
61-Pm-150

MAT 6158

(n,n') Level

61-Pm-150

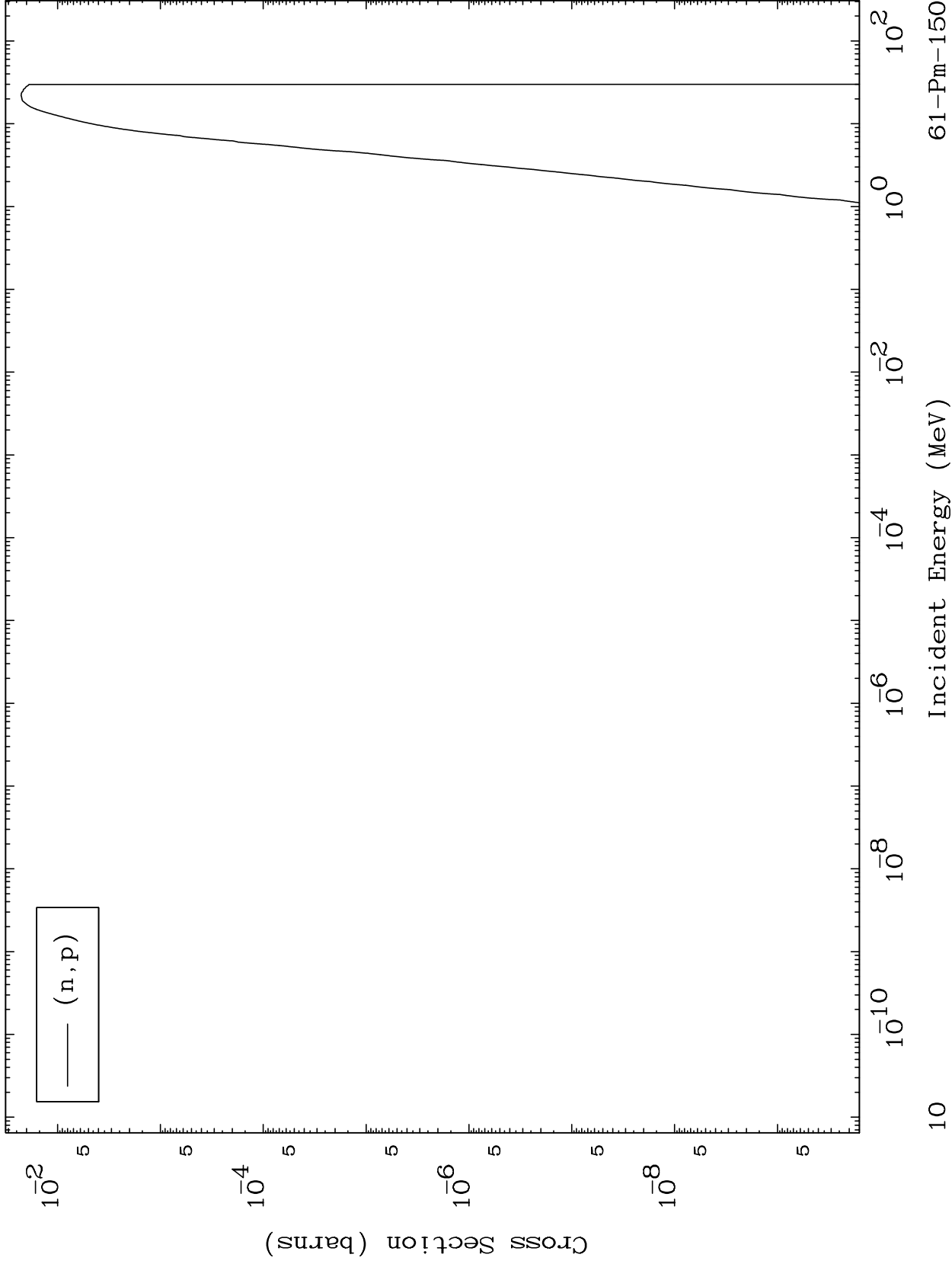
293 Kelvin Cross Sections



MAT 6158

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-150



10

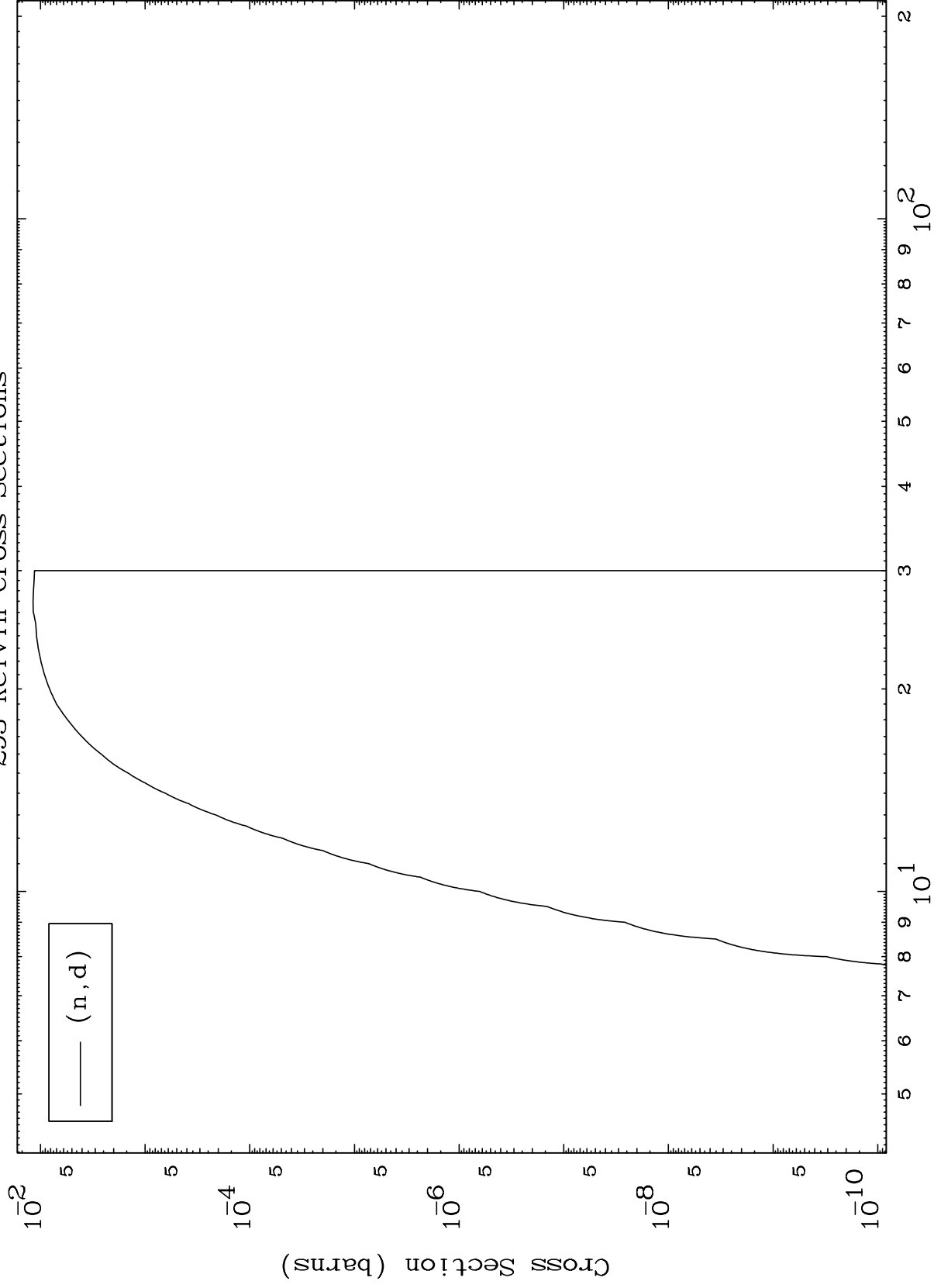
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-150



11

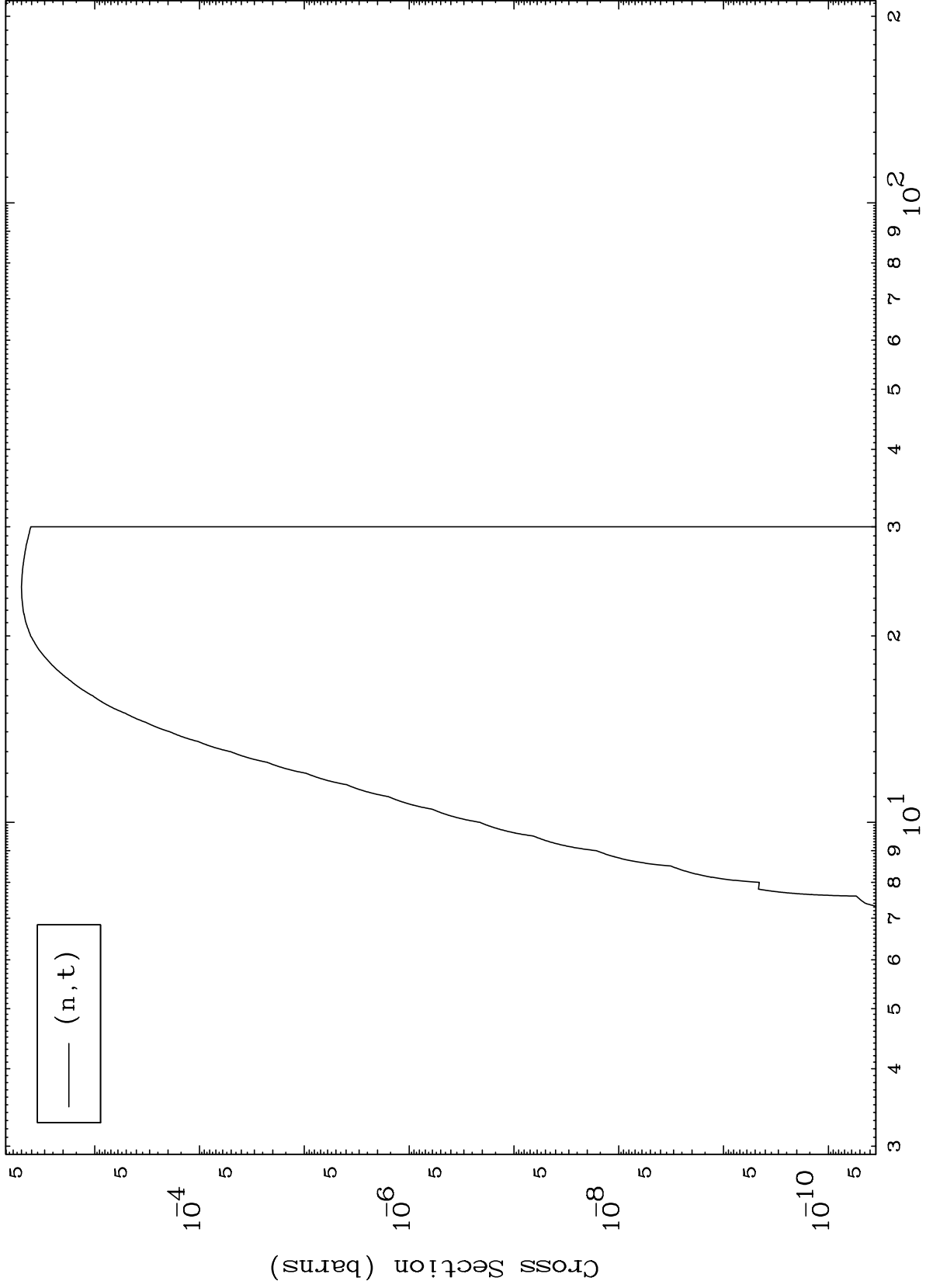
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-150



12

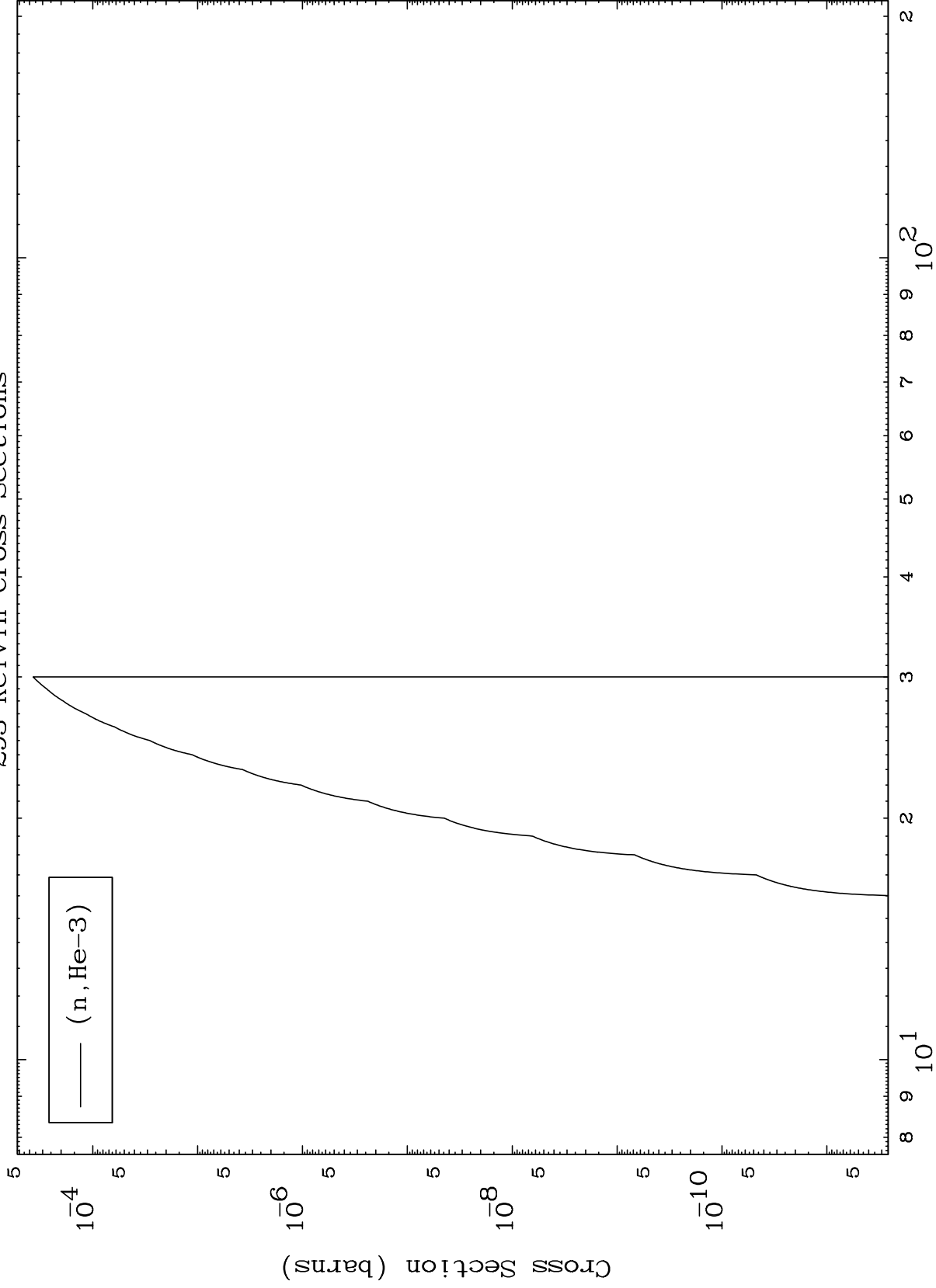
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,He3) Levels
293 Kelvin Cross Sections

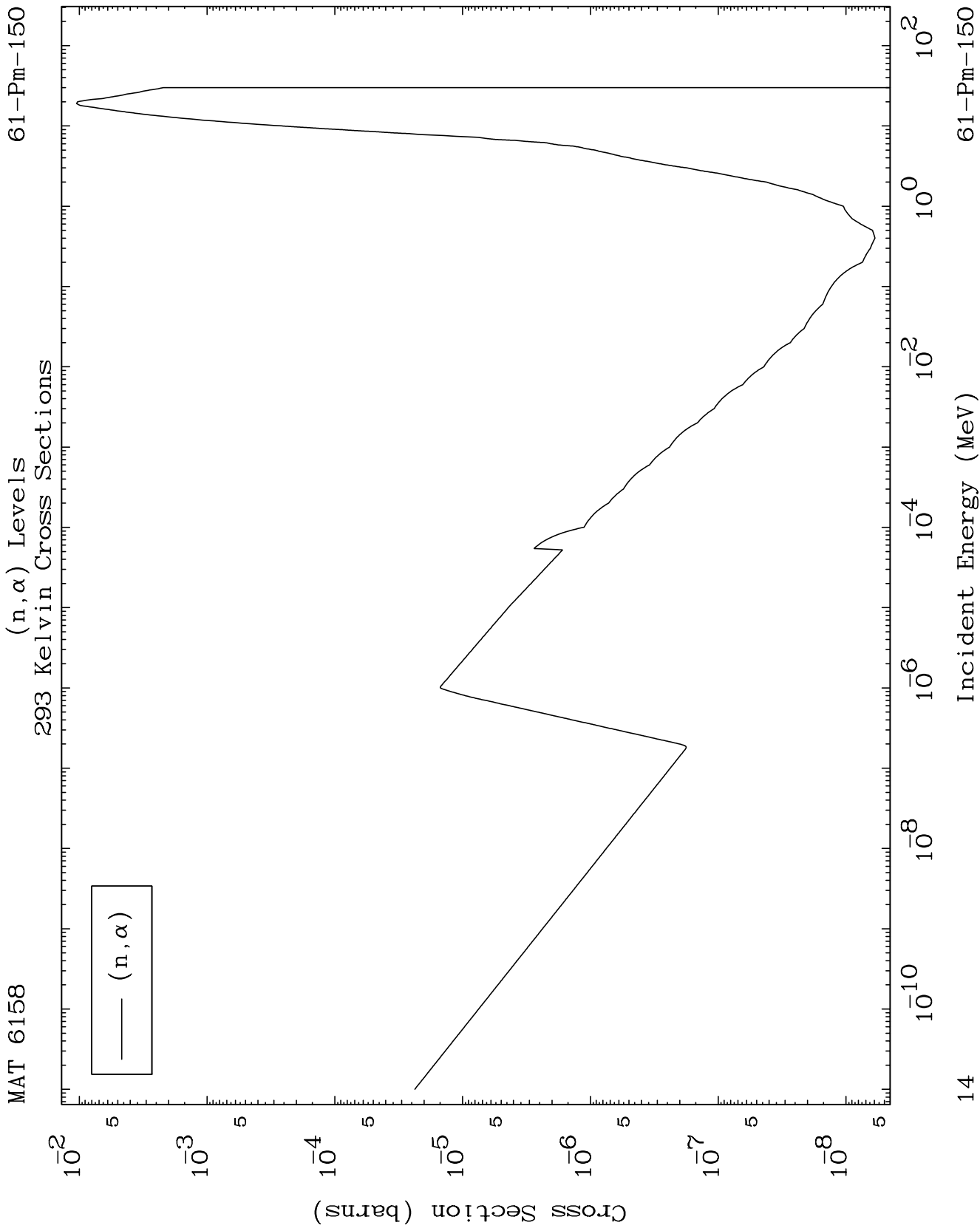
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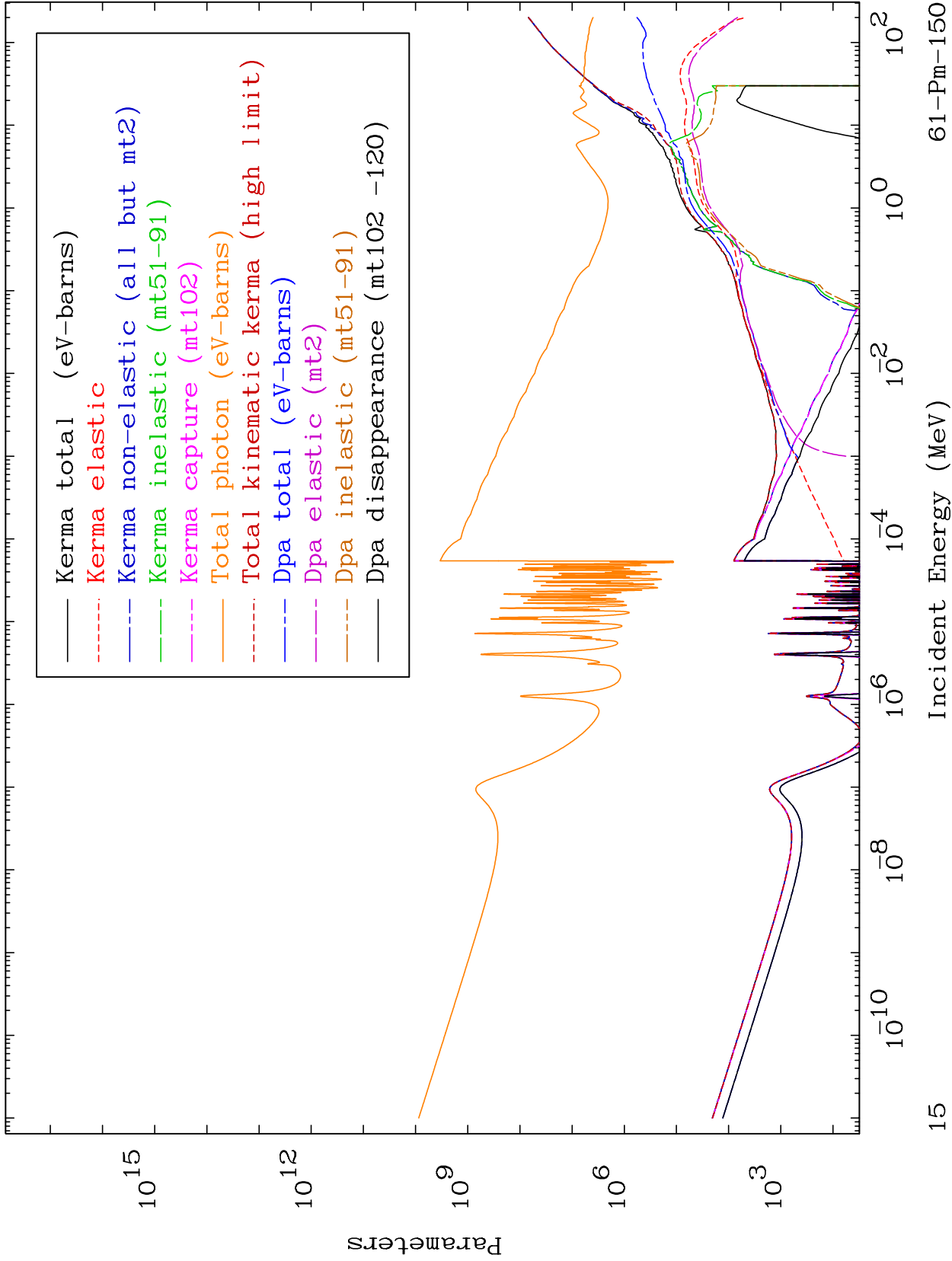


13

Incident Energy (MeV)

61-Pm-150

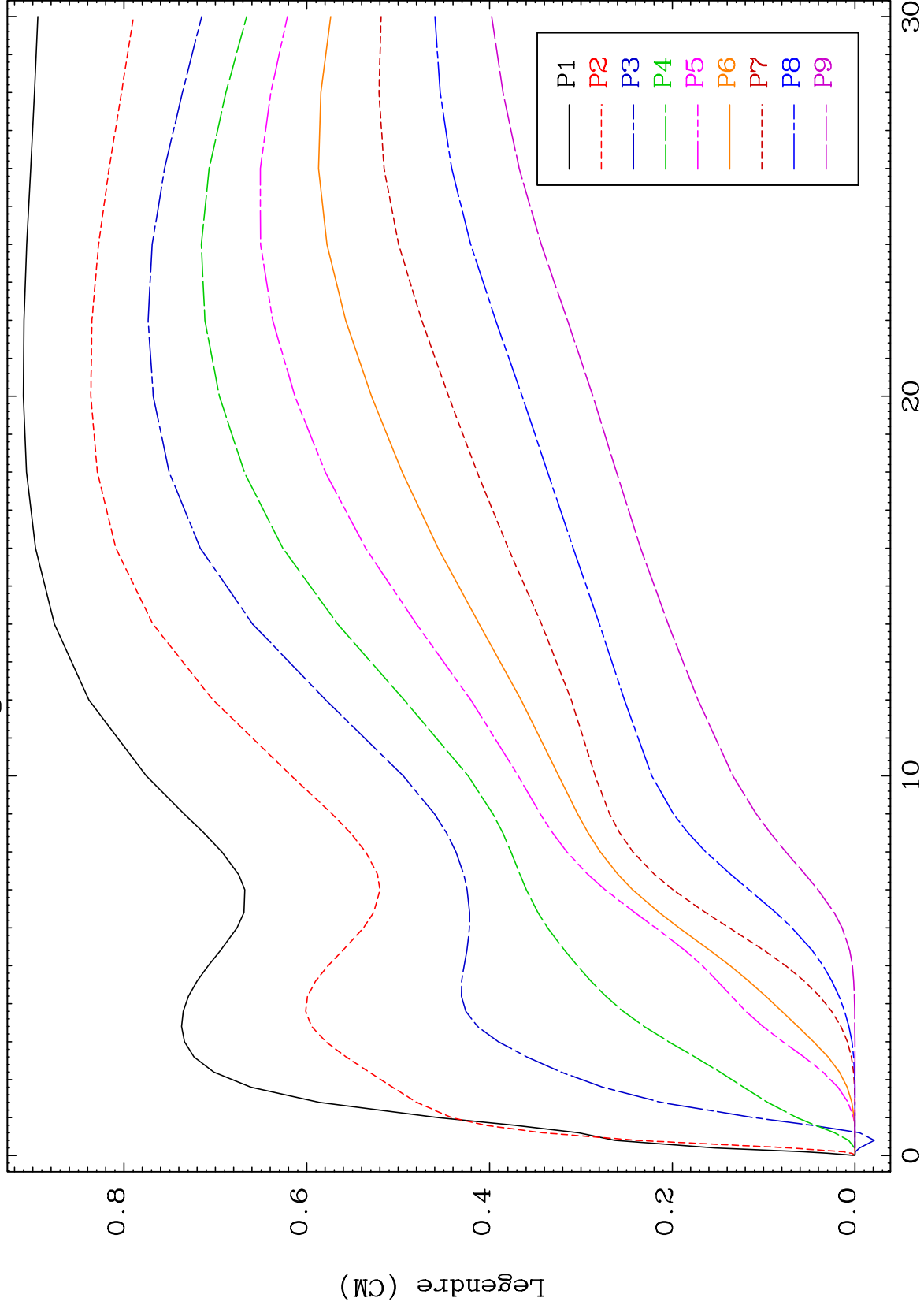




MAT 6158

Elastic Legendre Coefficients

61-Pm-150



16

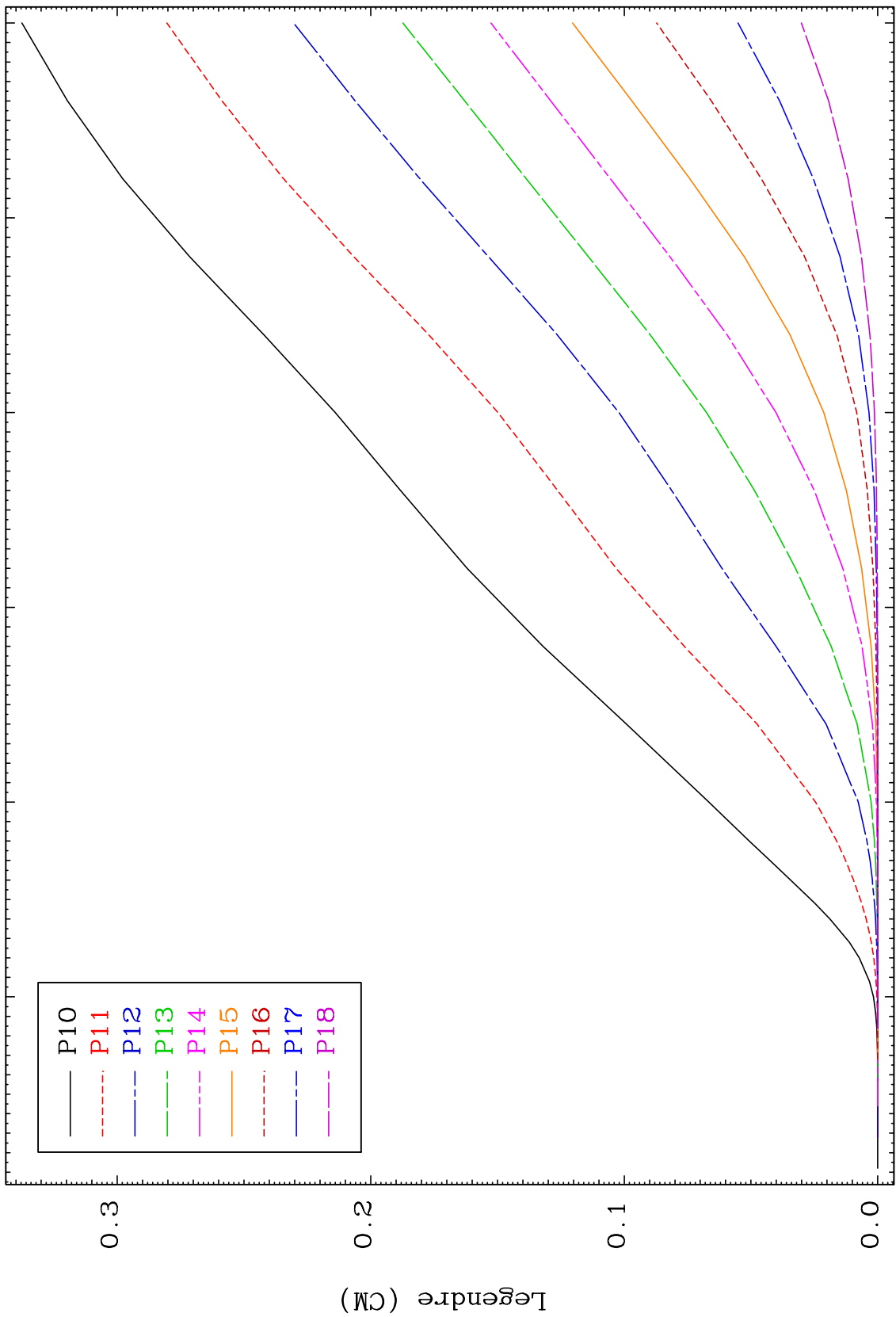
Incident Energy (MeV)

61-Pm-150

MAT 6158

Elastic Legendre Coefficients

61-Pm-150



17

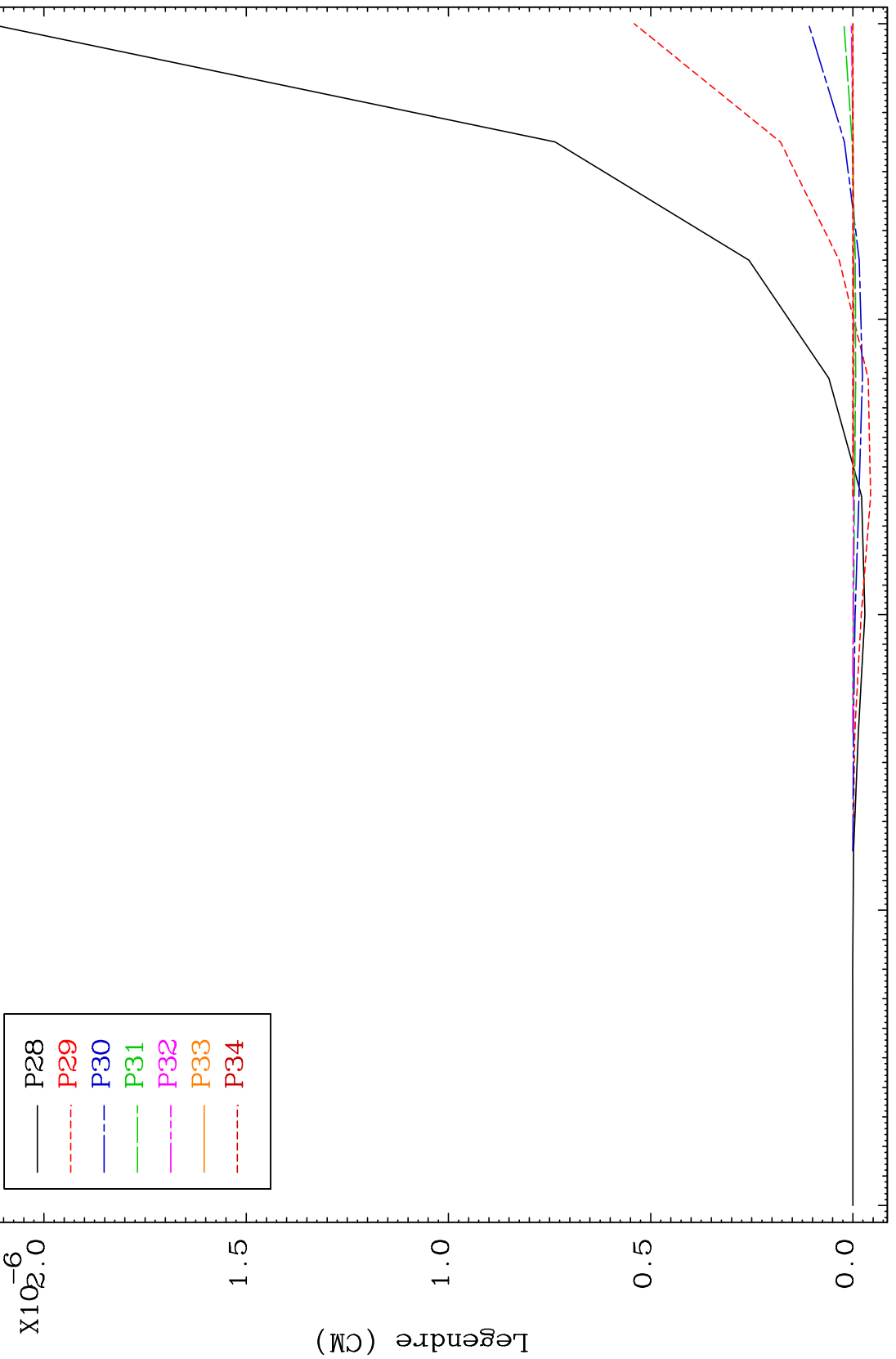
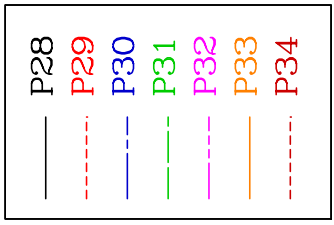
Incident Energy (MeV)

61-Pm-150

MAT 6158

Elastic Legendre Coefficients

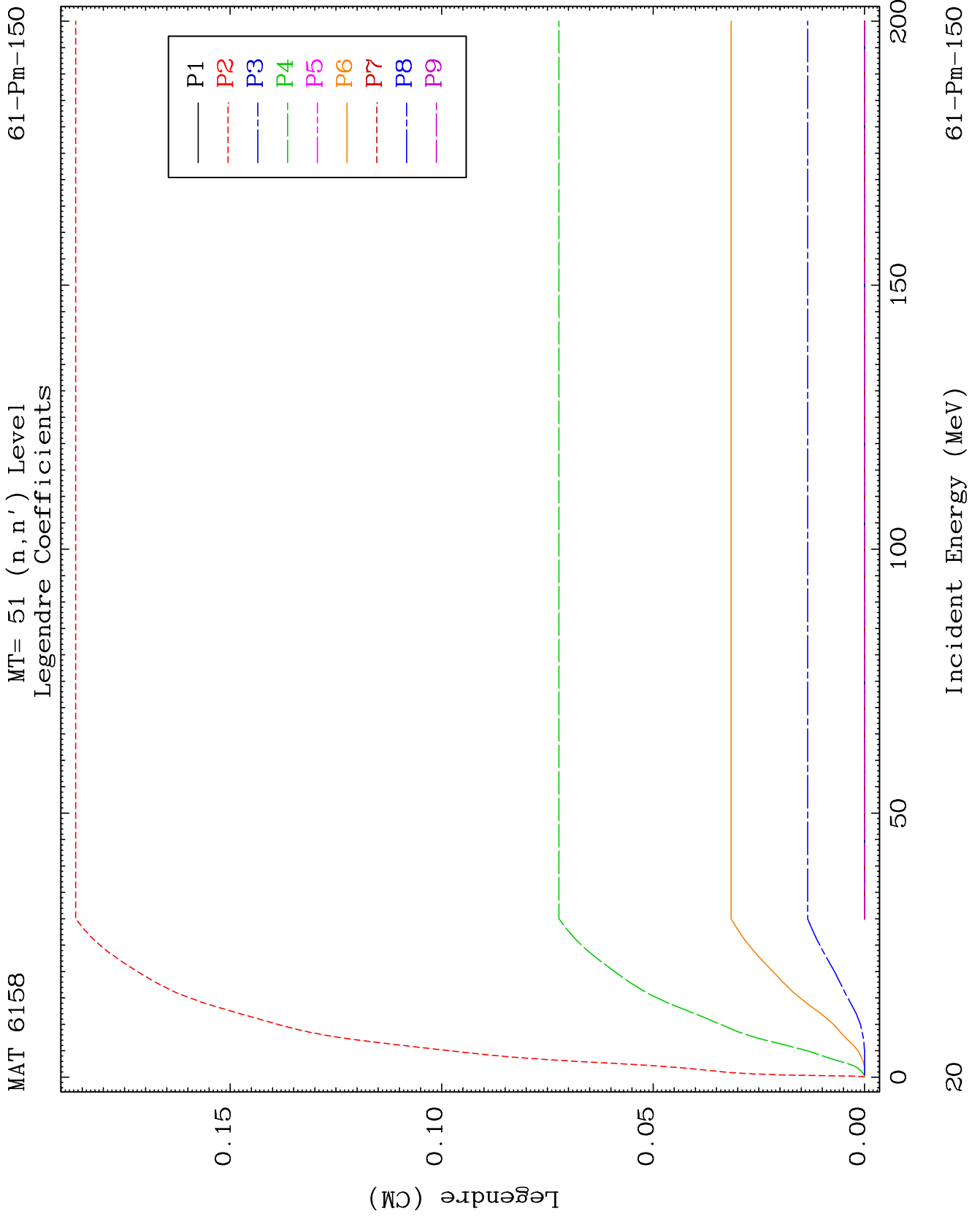
61-Pm-150



19

Incident Energy (MeV)

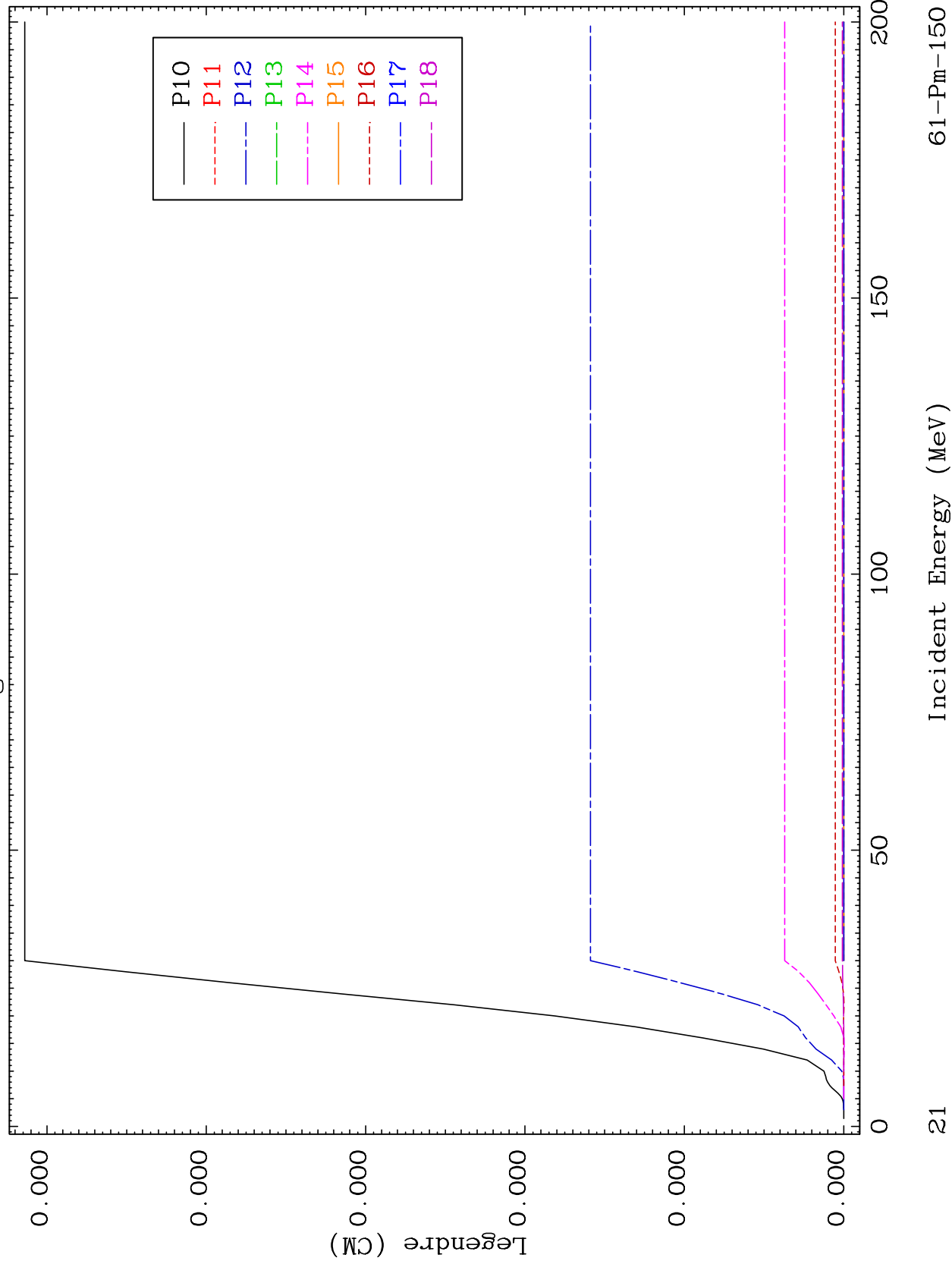
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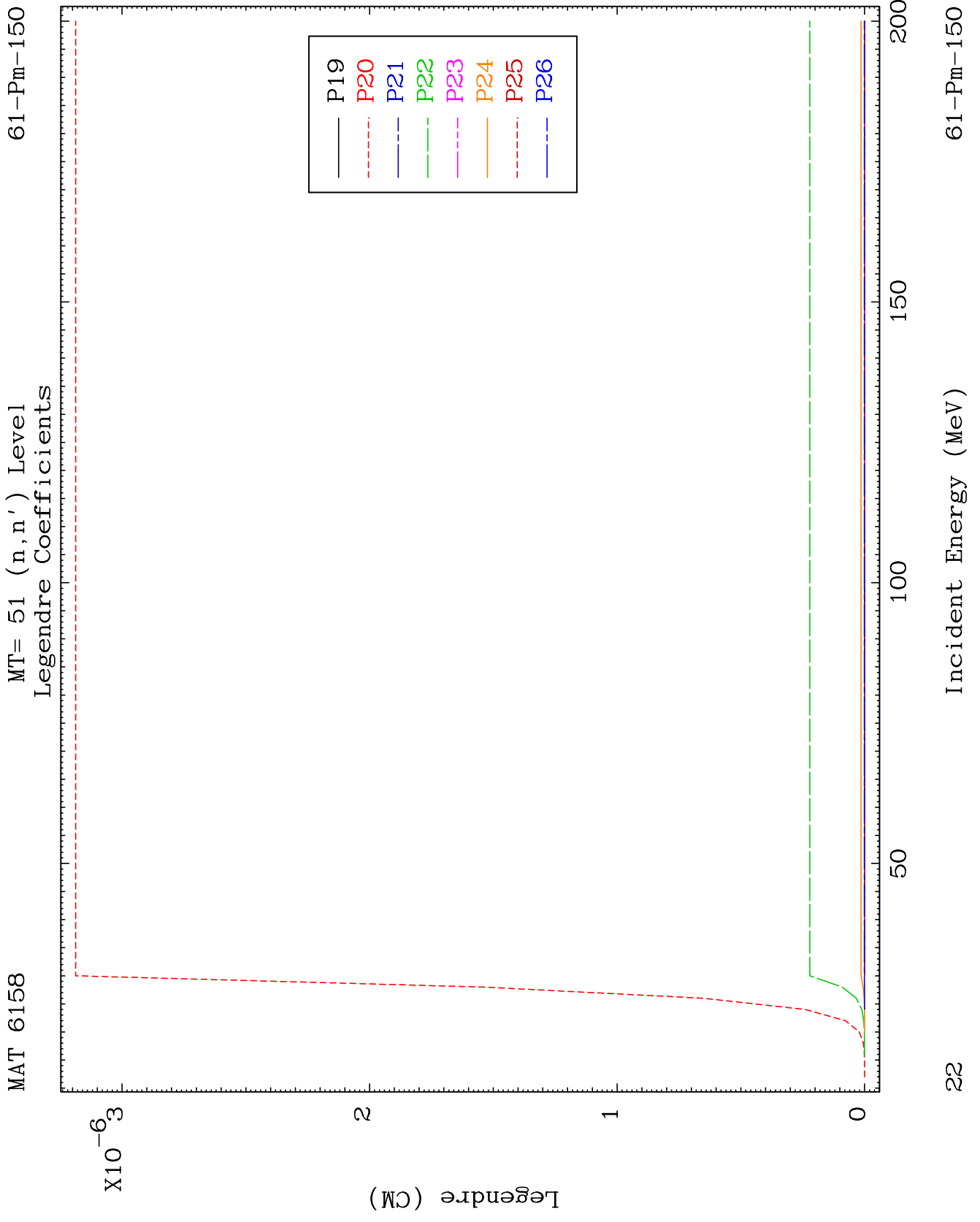


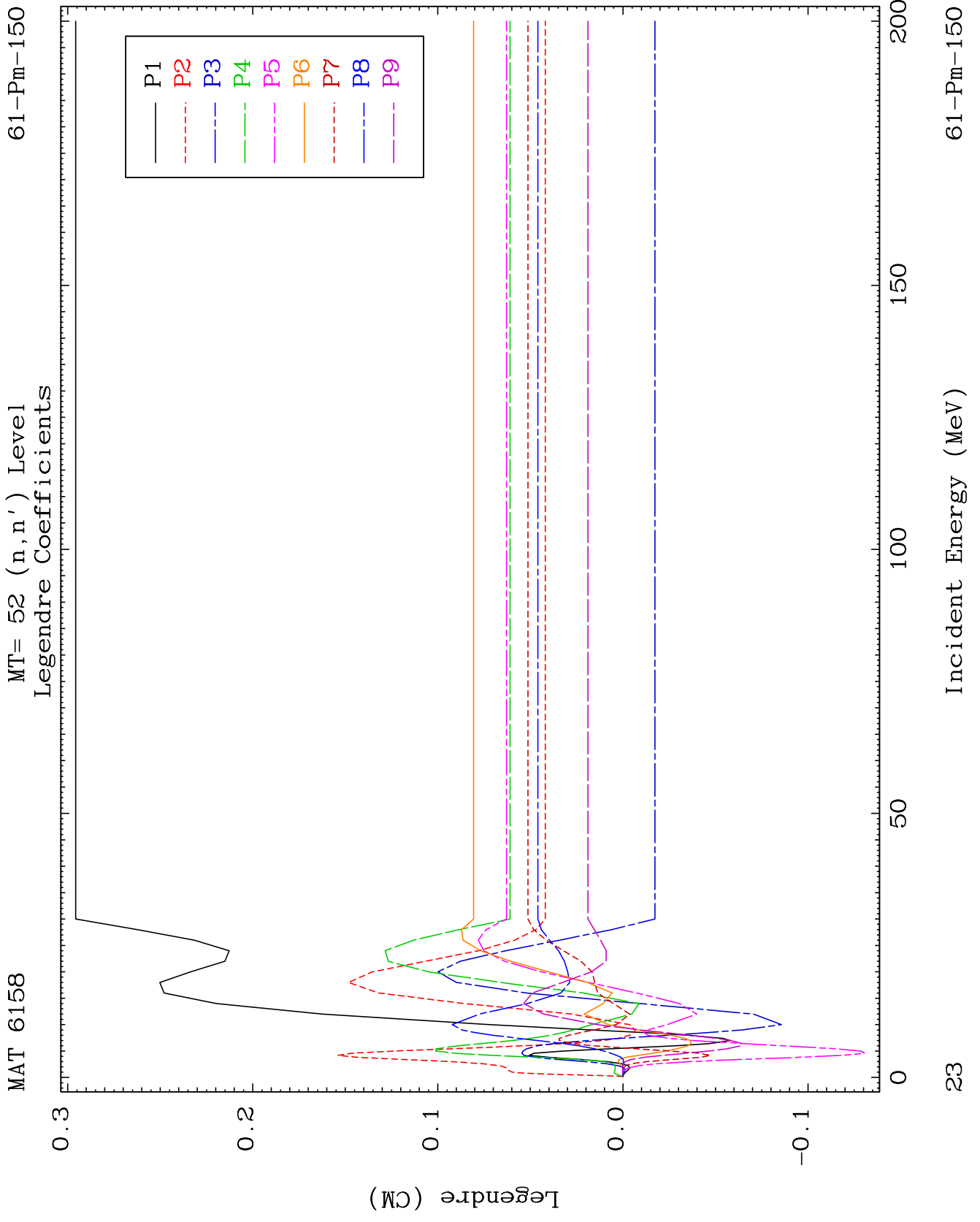
MAT 6158

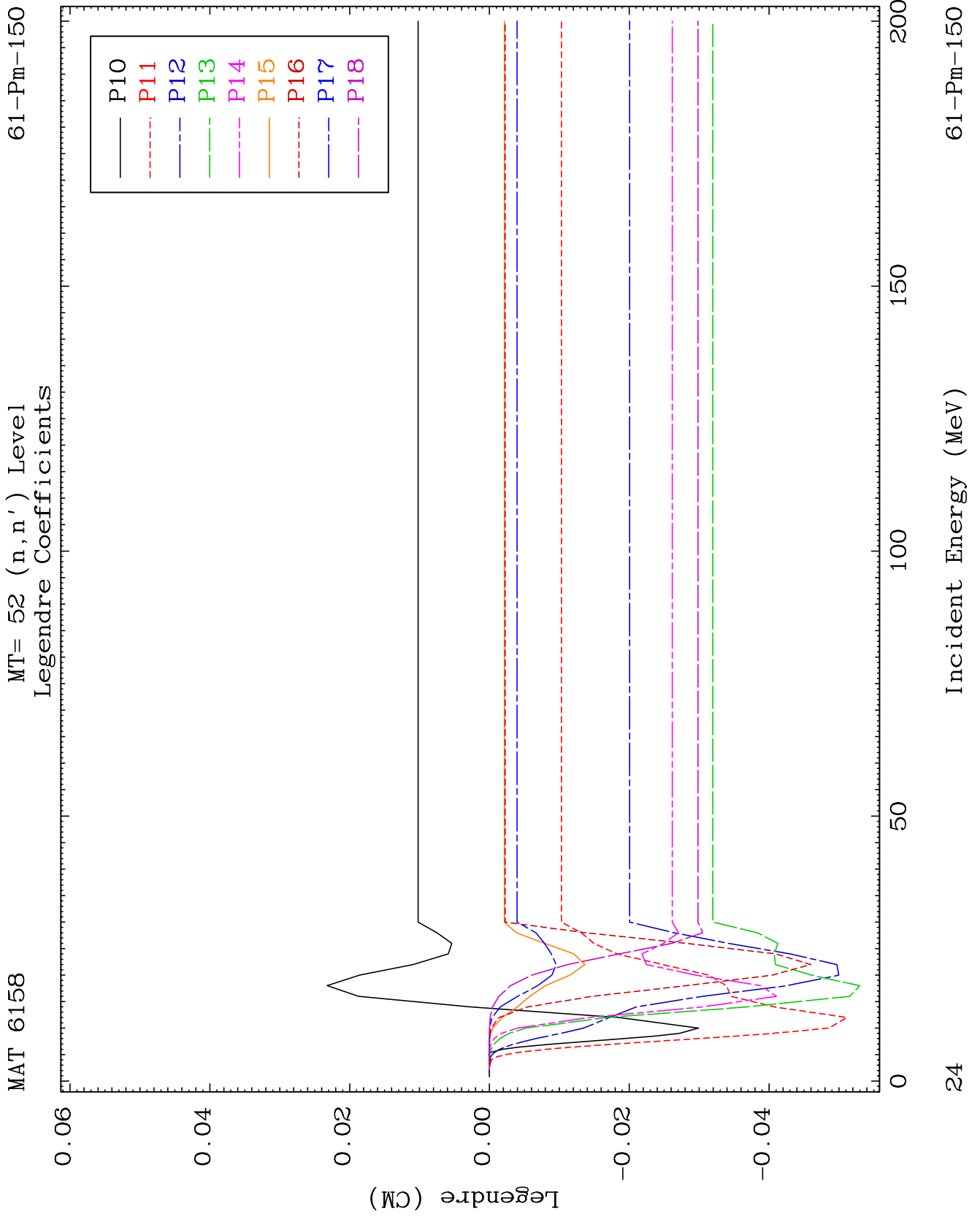
MT= 51 (n,n') Level
Legendre Coefficients

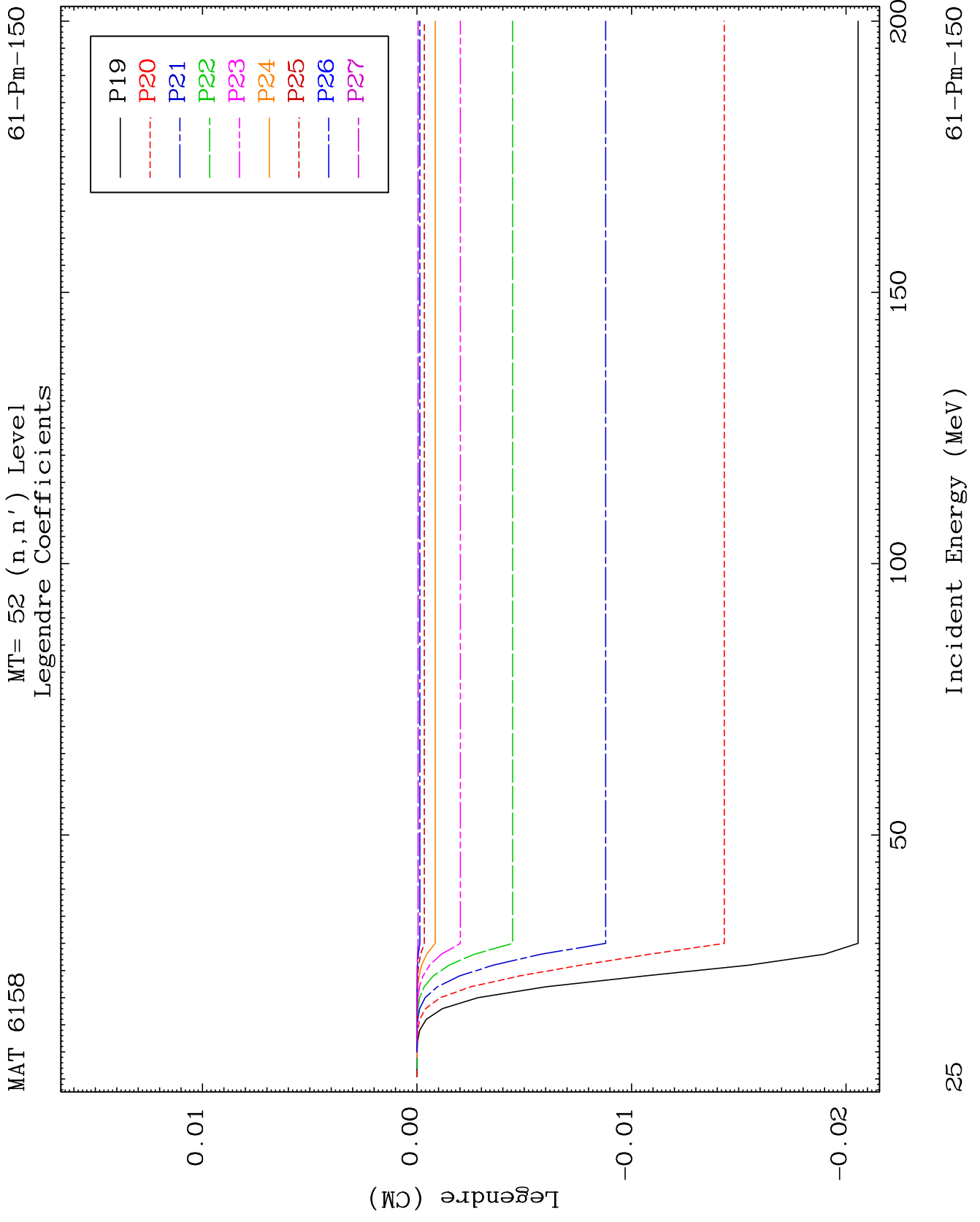
61-Pm-150

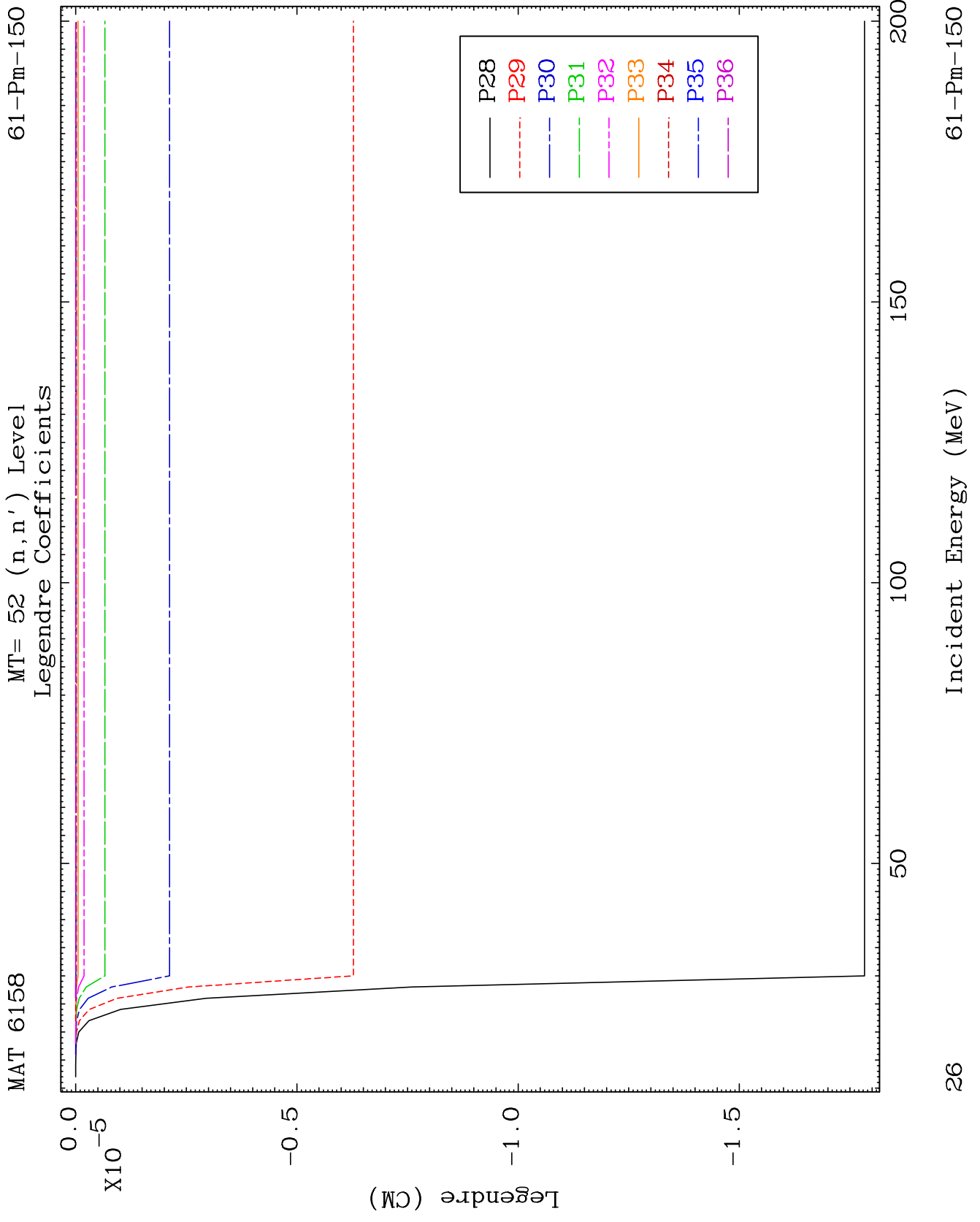








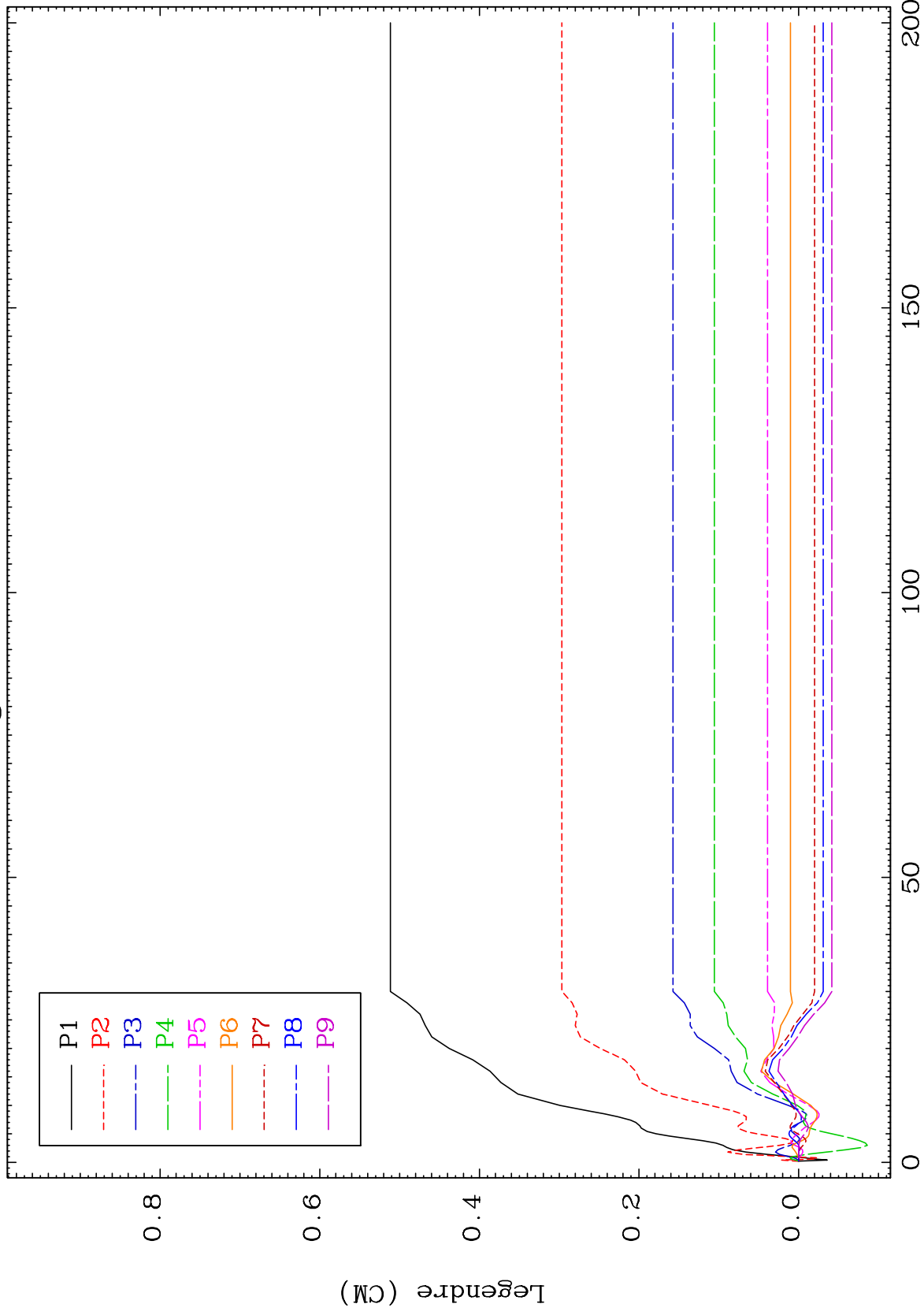




MAT 6158

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

61-Pm-150



27

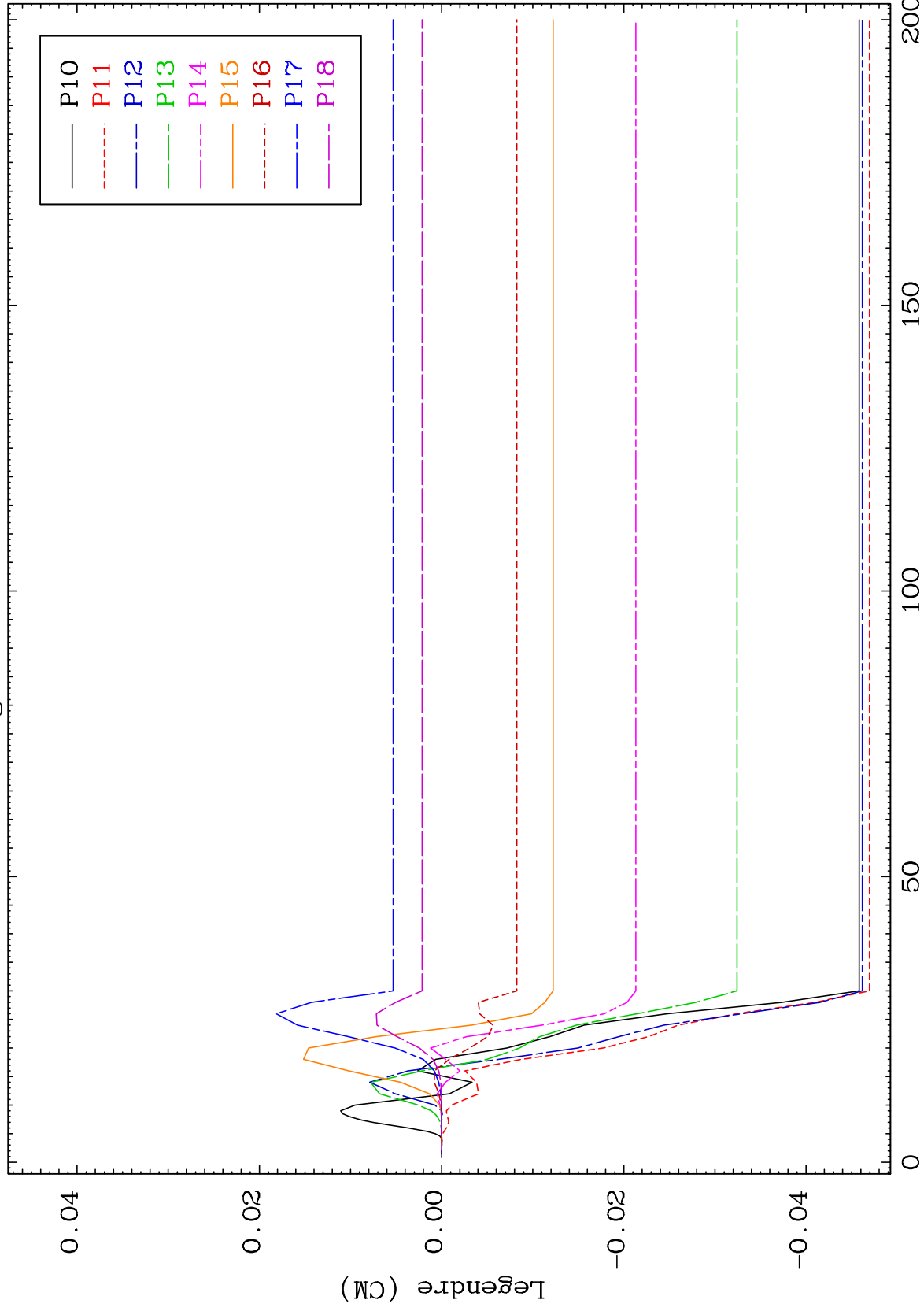
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



28

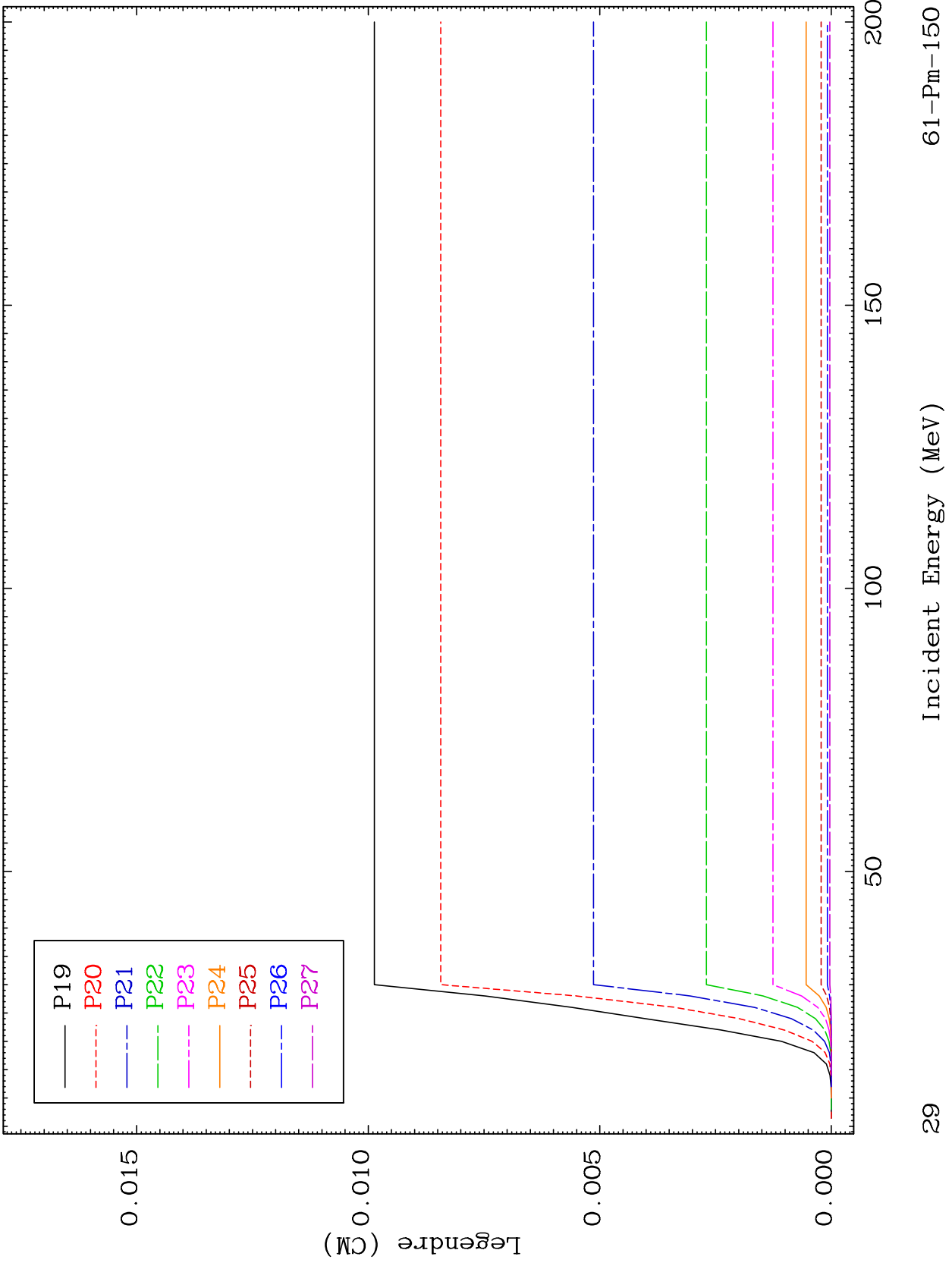
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

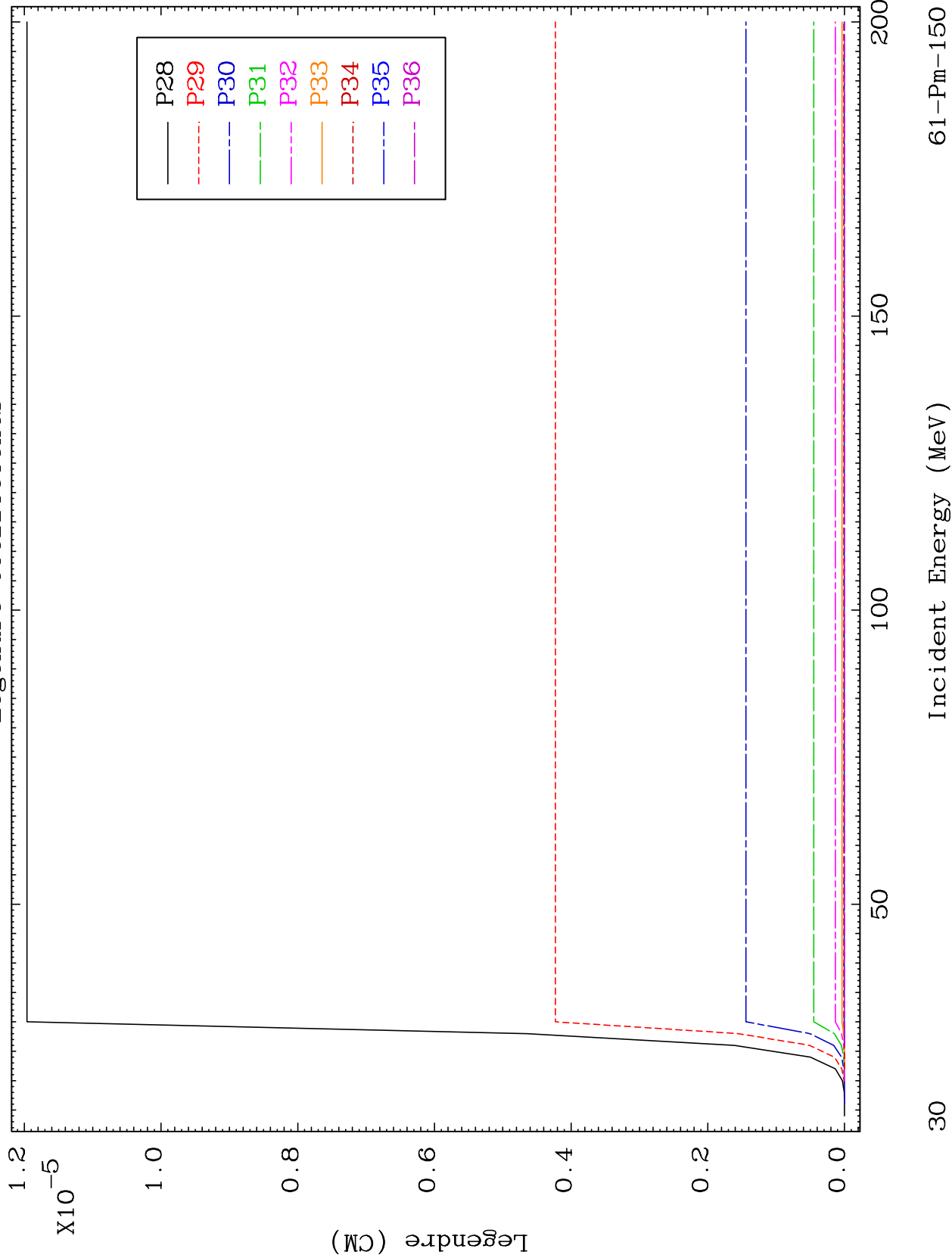
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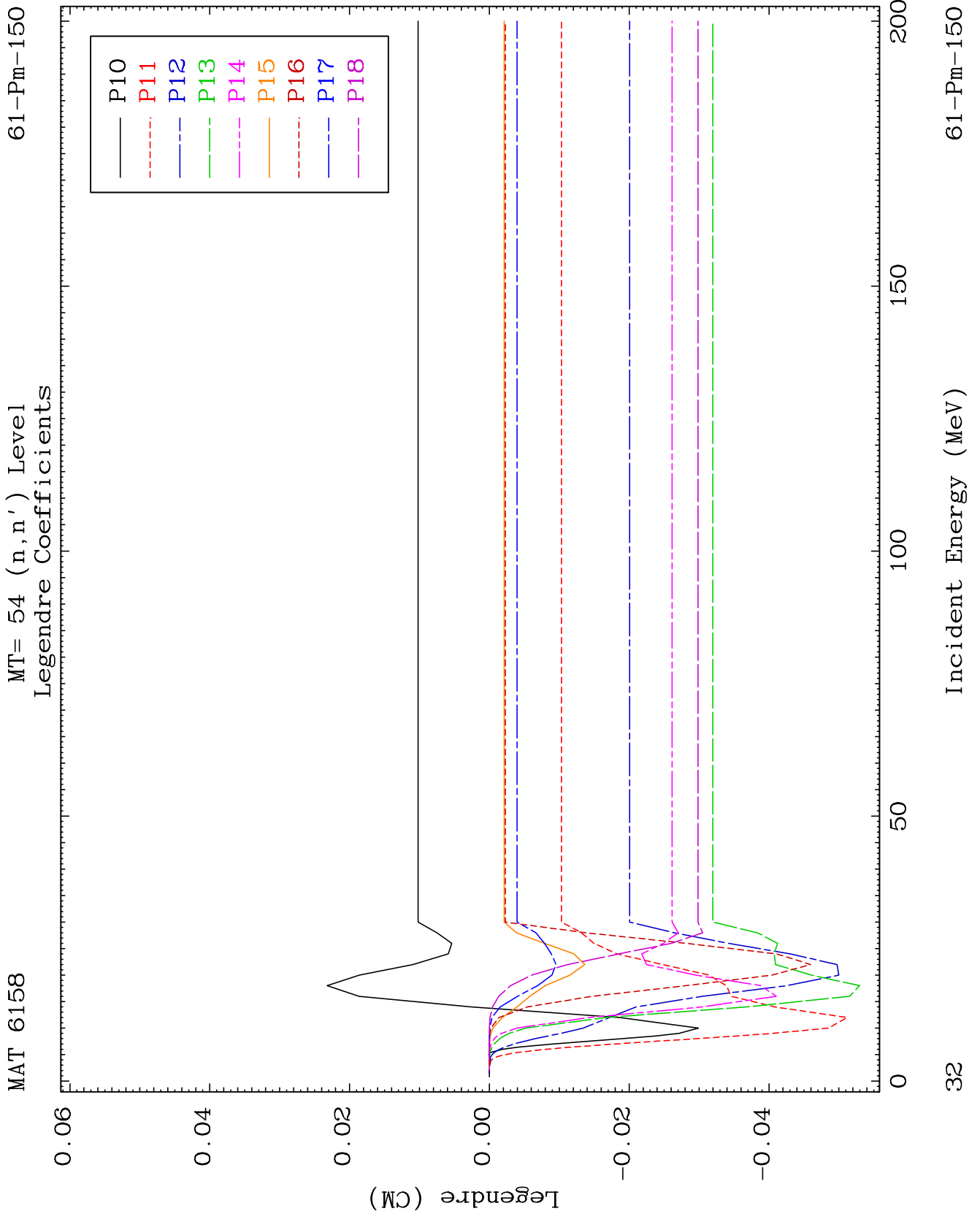


MAT 6158

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

61-Pm-150

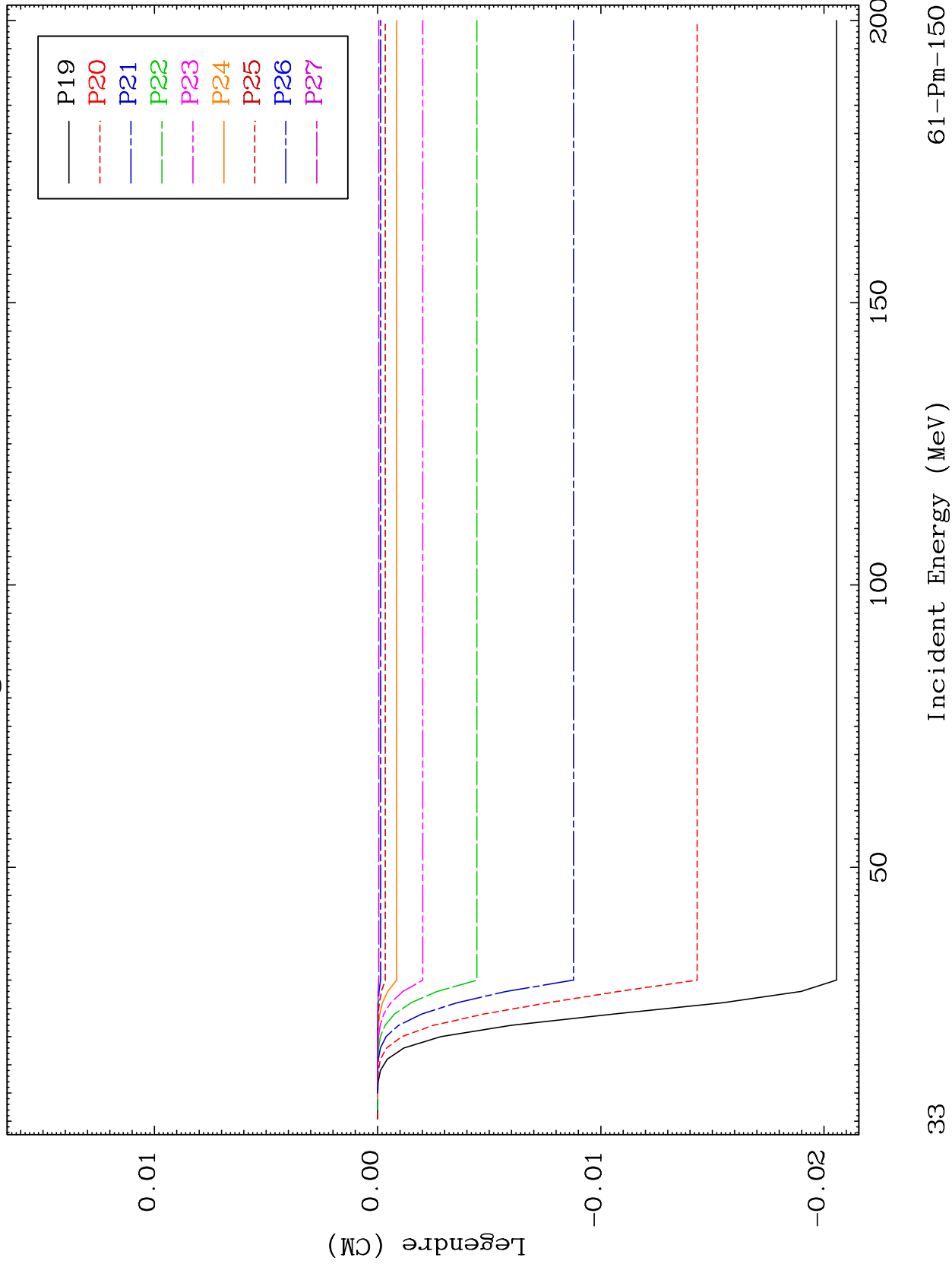




MAT 6158

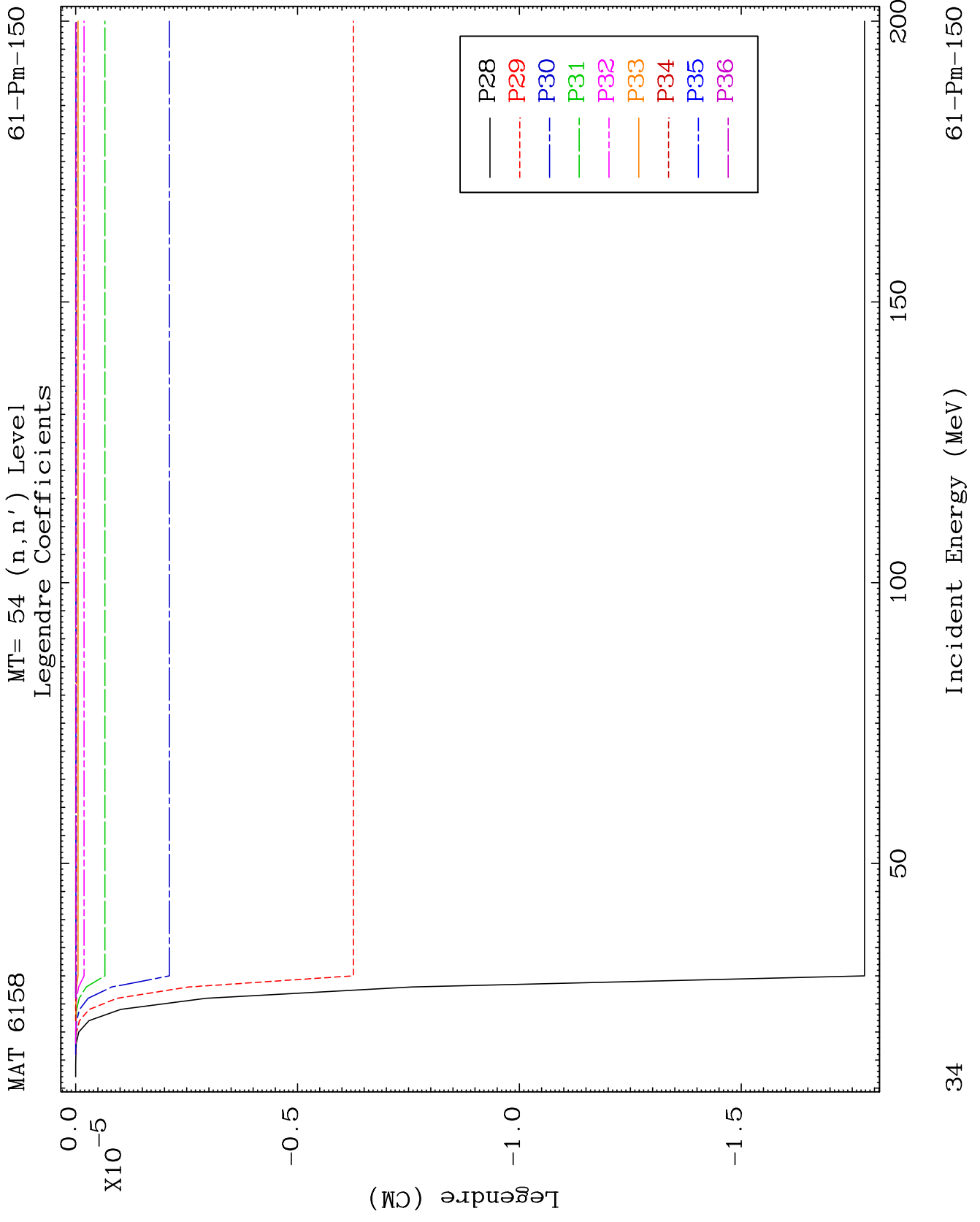
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Legendre Coefficients

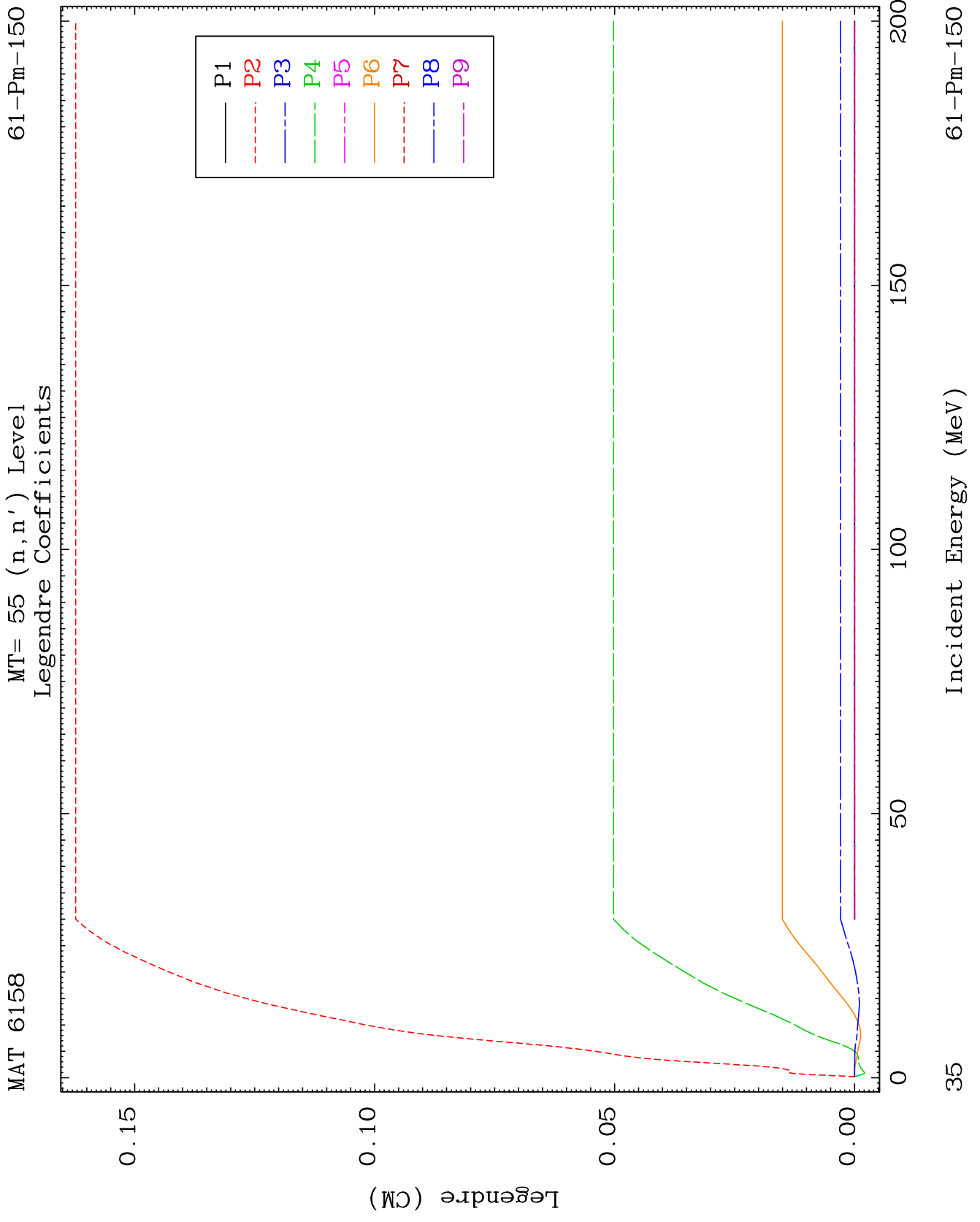
61-Pm-150



33

61-Pm-150

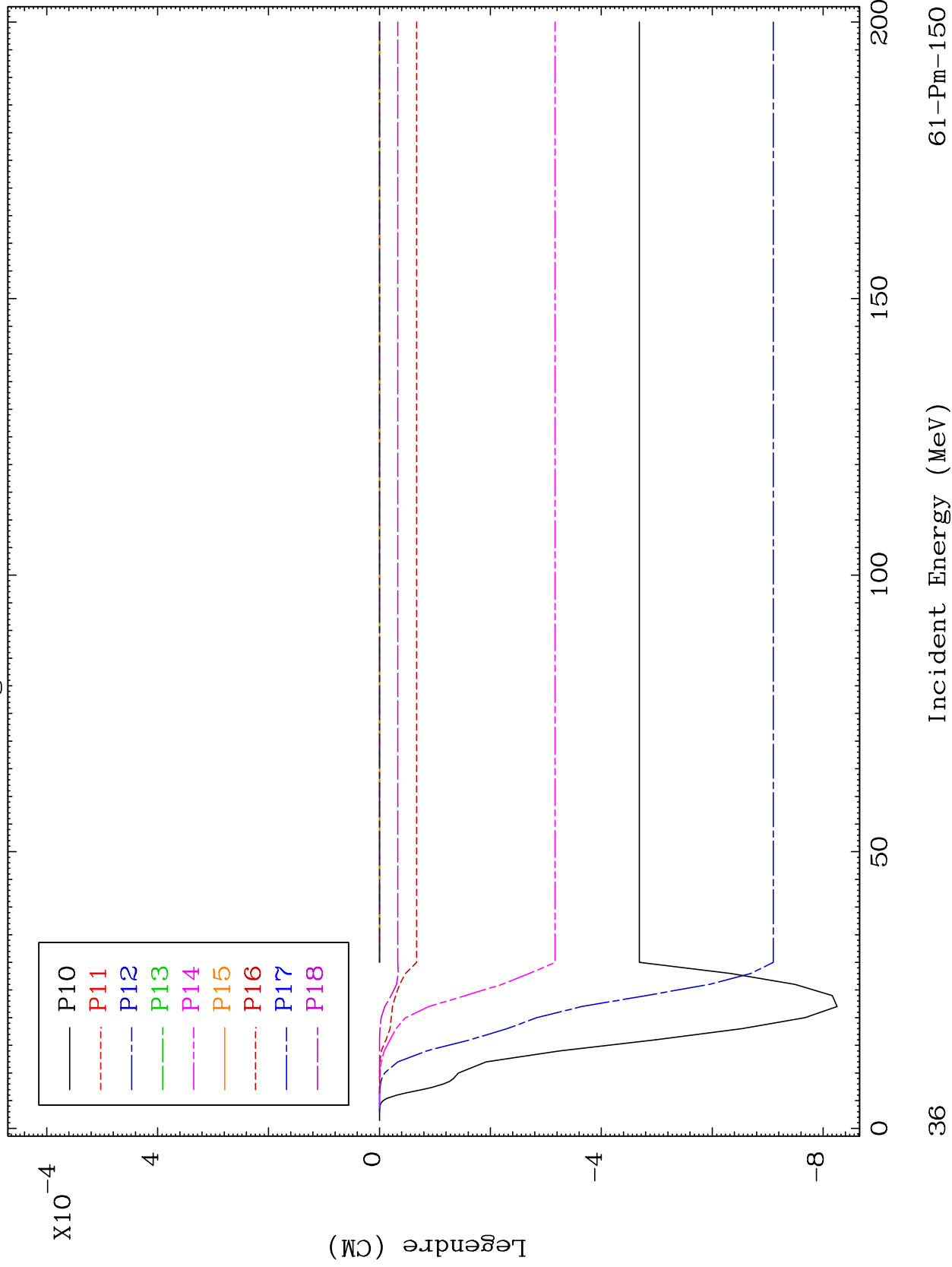




MAT 6158

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

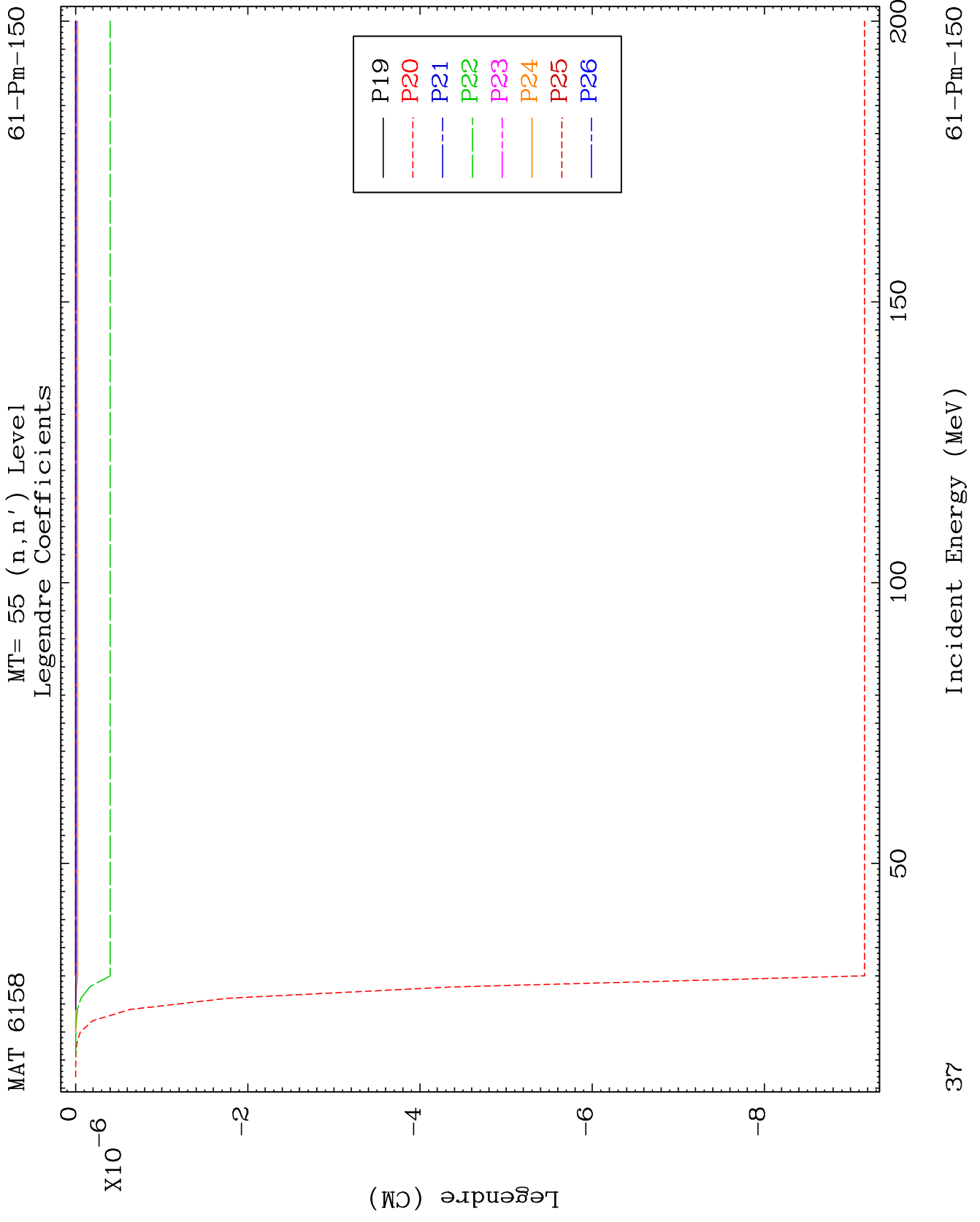
61-Pm-150



36

Incident Energy (MeV)

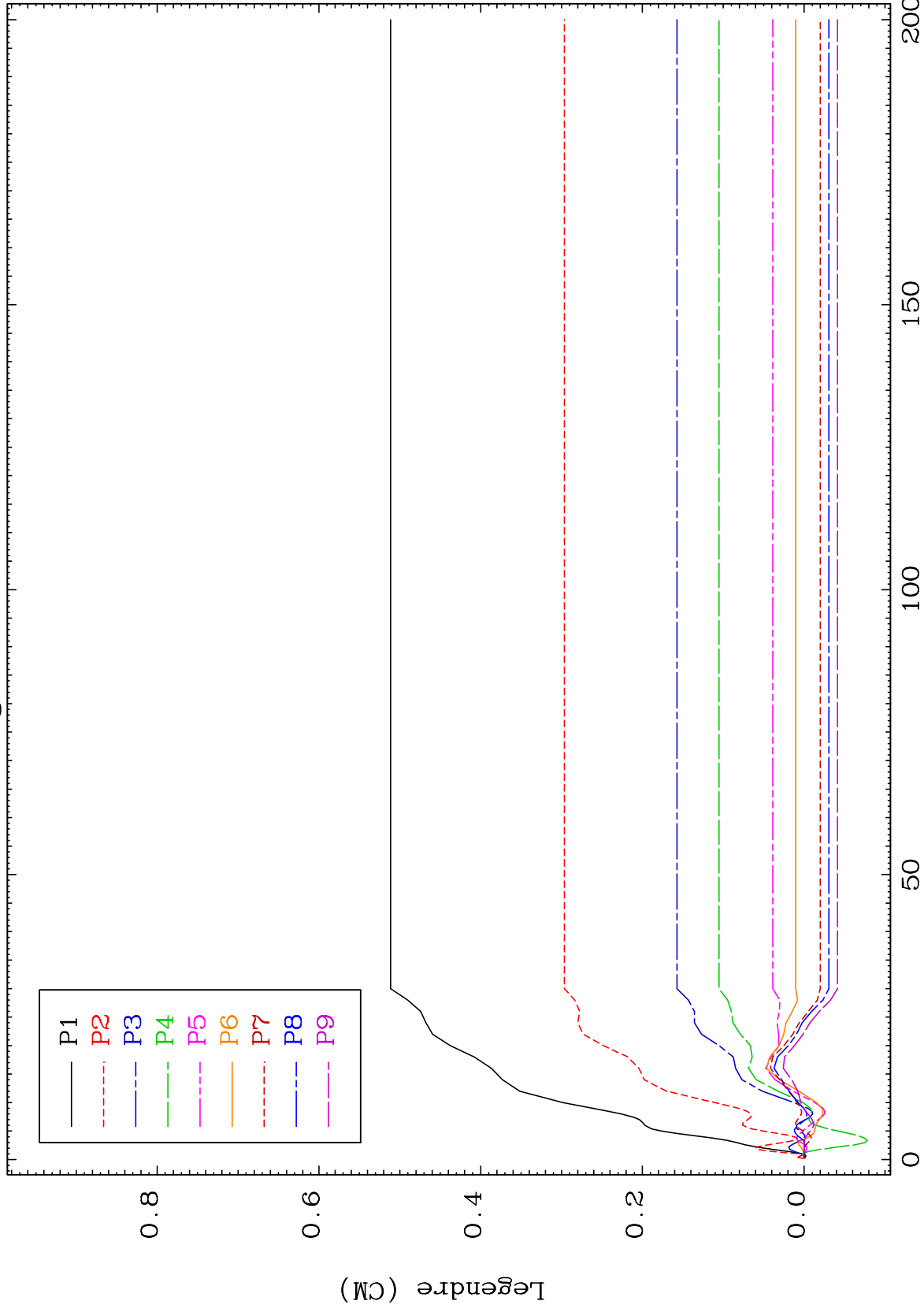
61-Pm-150



MAT 6158

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

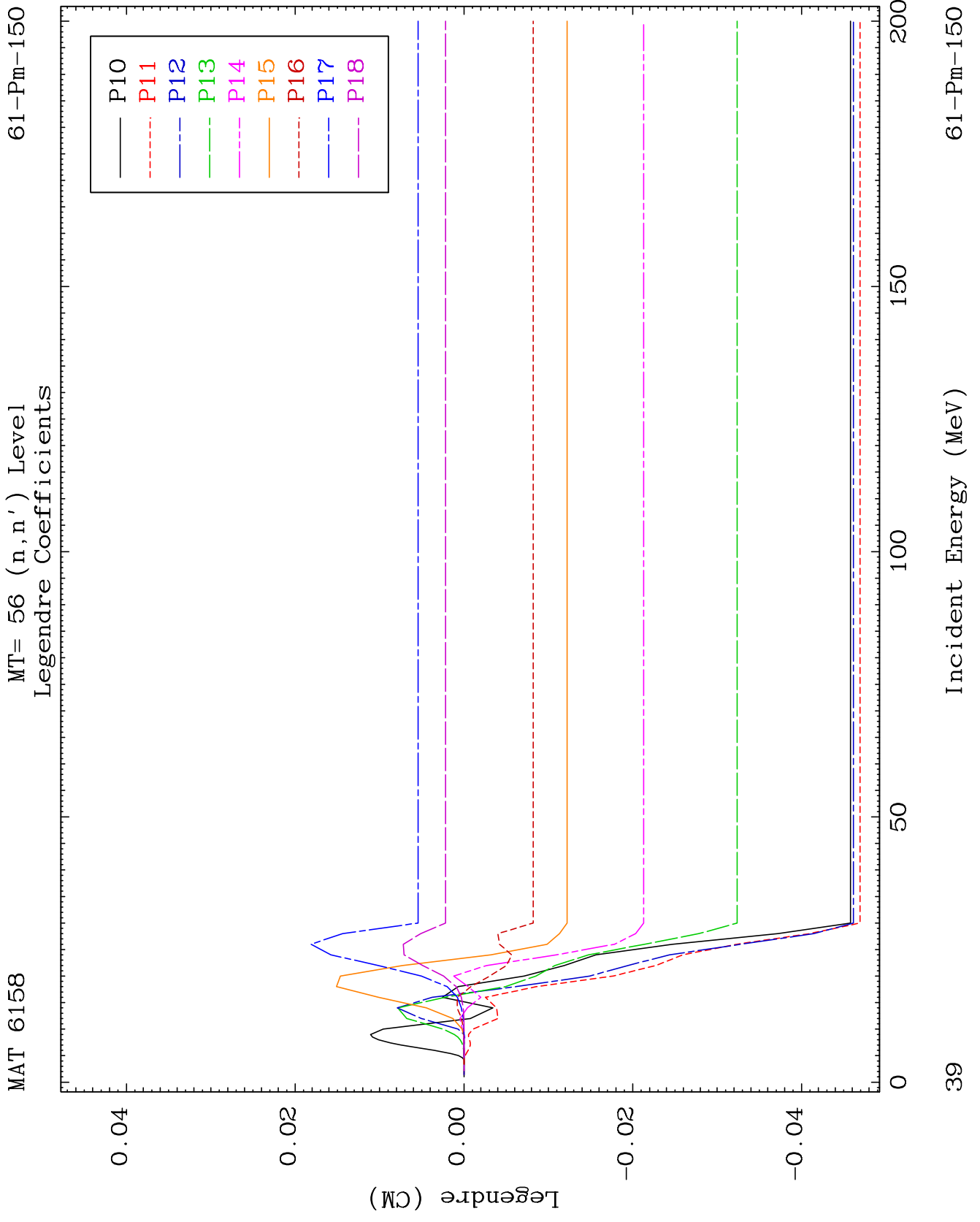
61-Pm-150



38

Incident Energy (MeV)

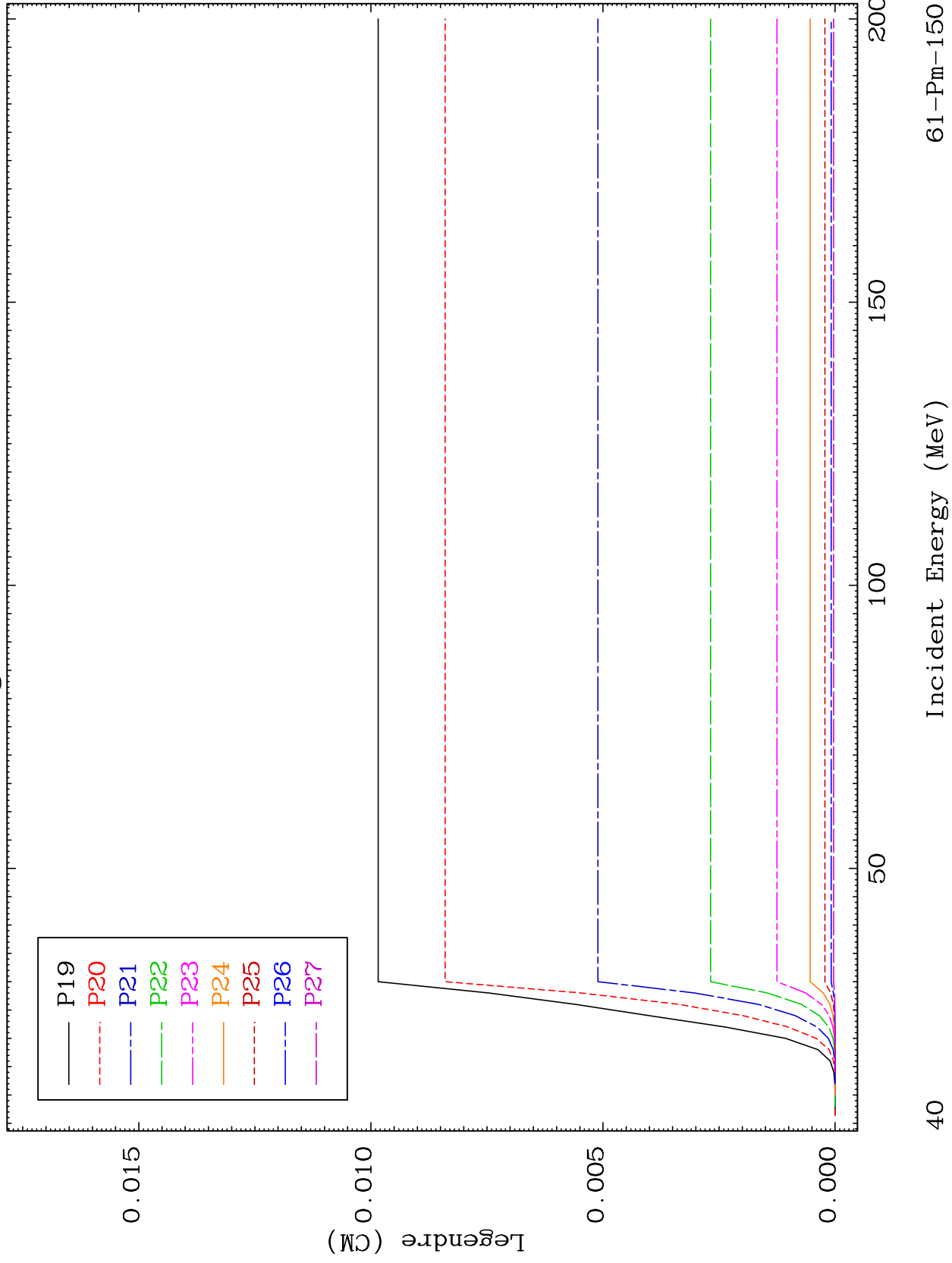
61-Pm-150



MAT 6158

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

61-Pm-150



61-Pm-150

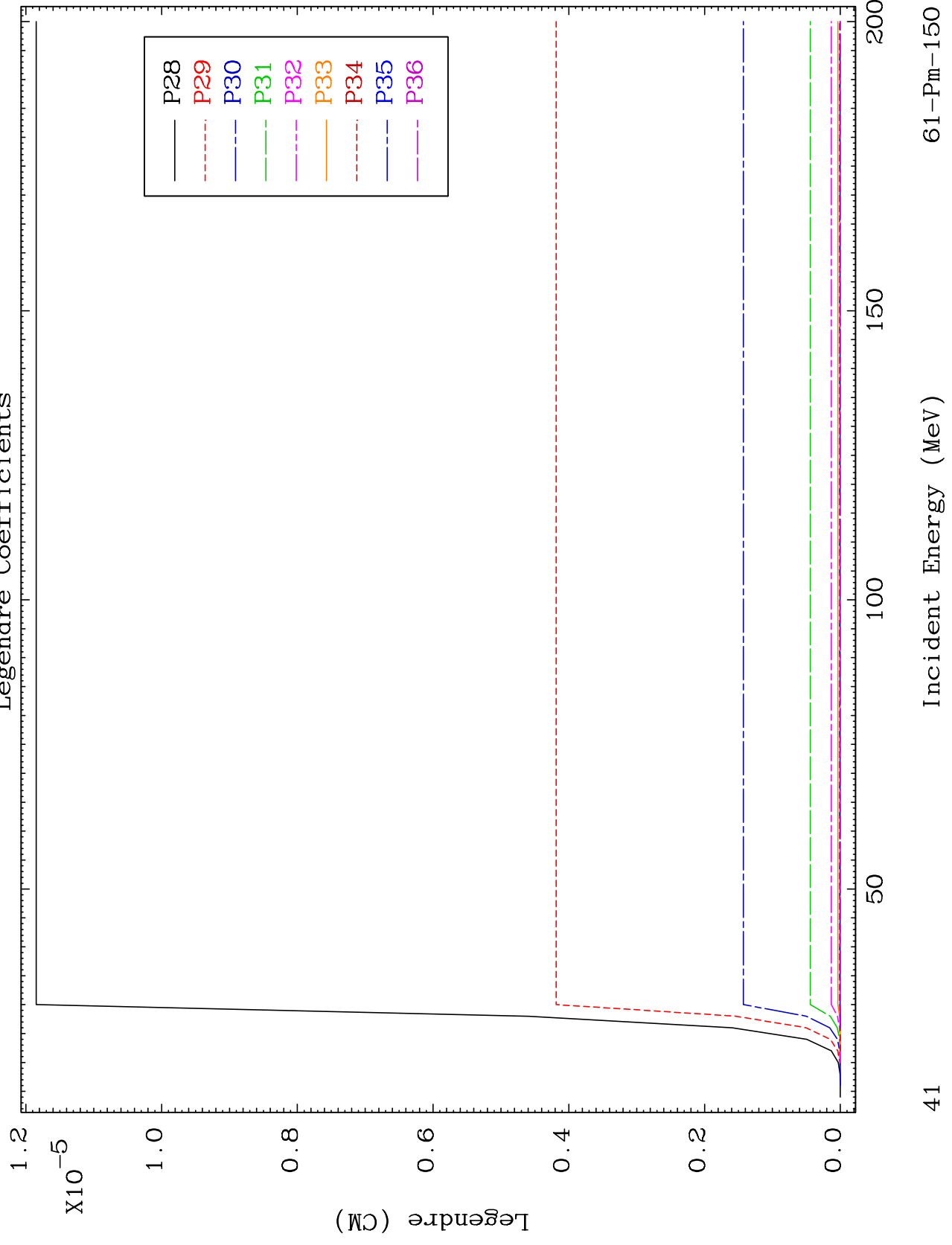
Incident Energy (MeV)

40

MAT 6158

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

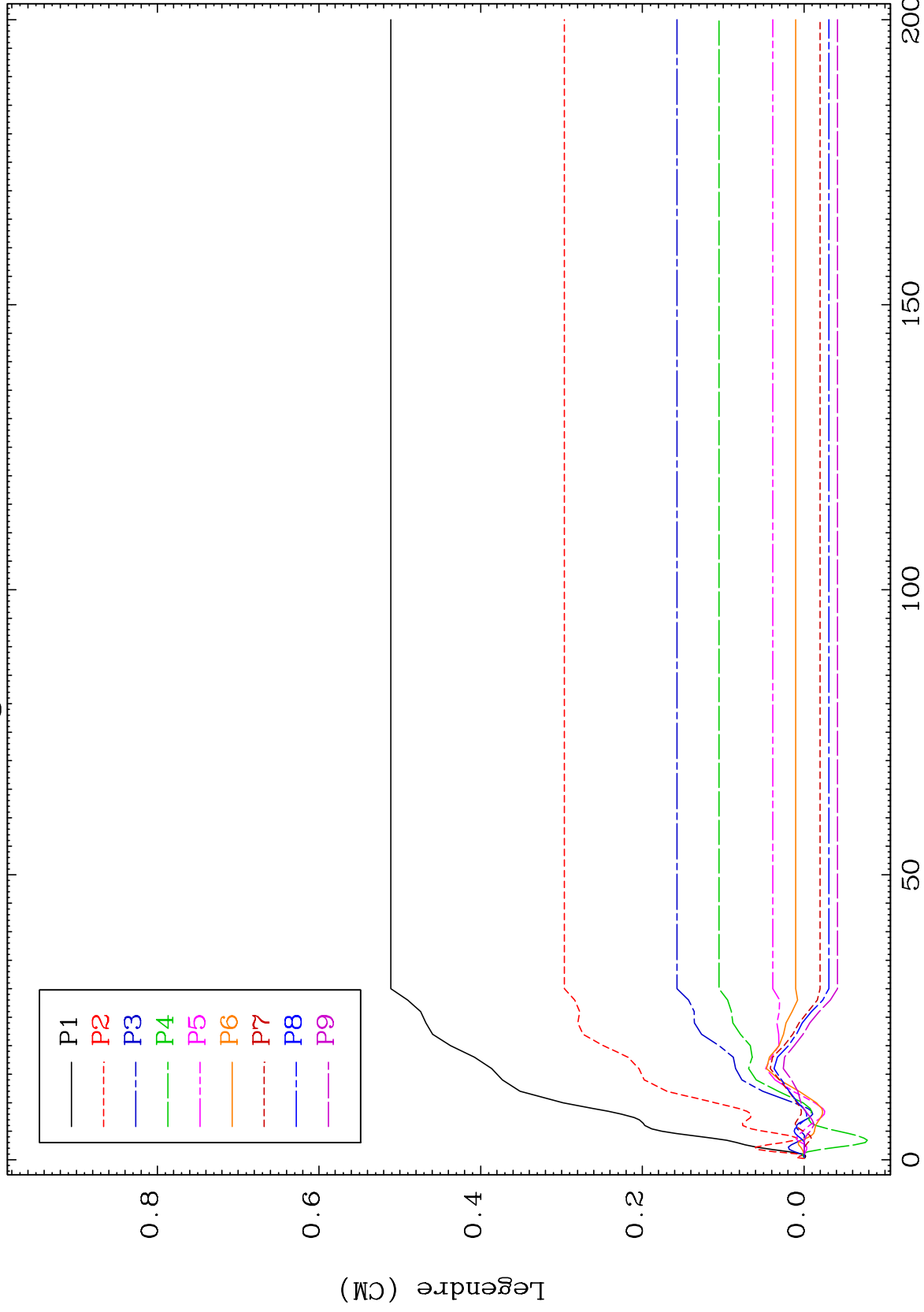
61-Pm-150



MAT 6158

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

61-Pm-150



42

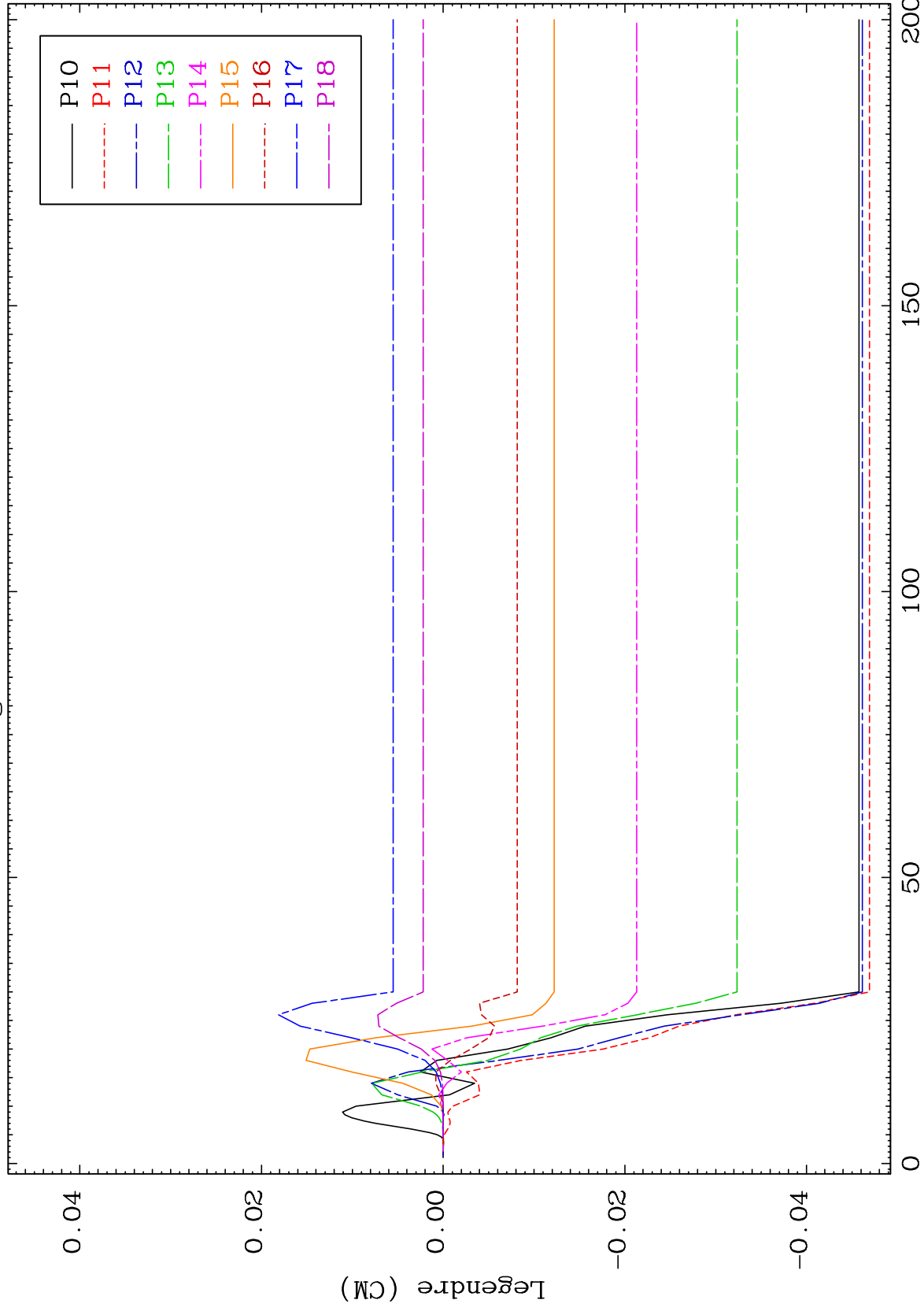
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



43

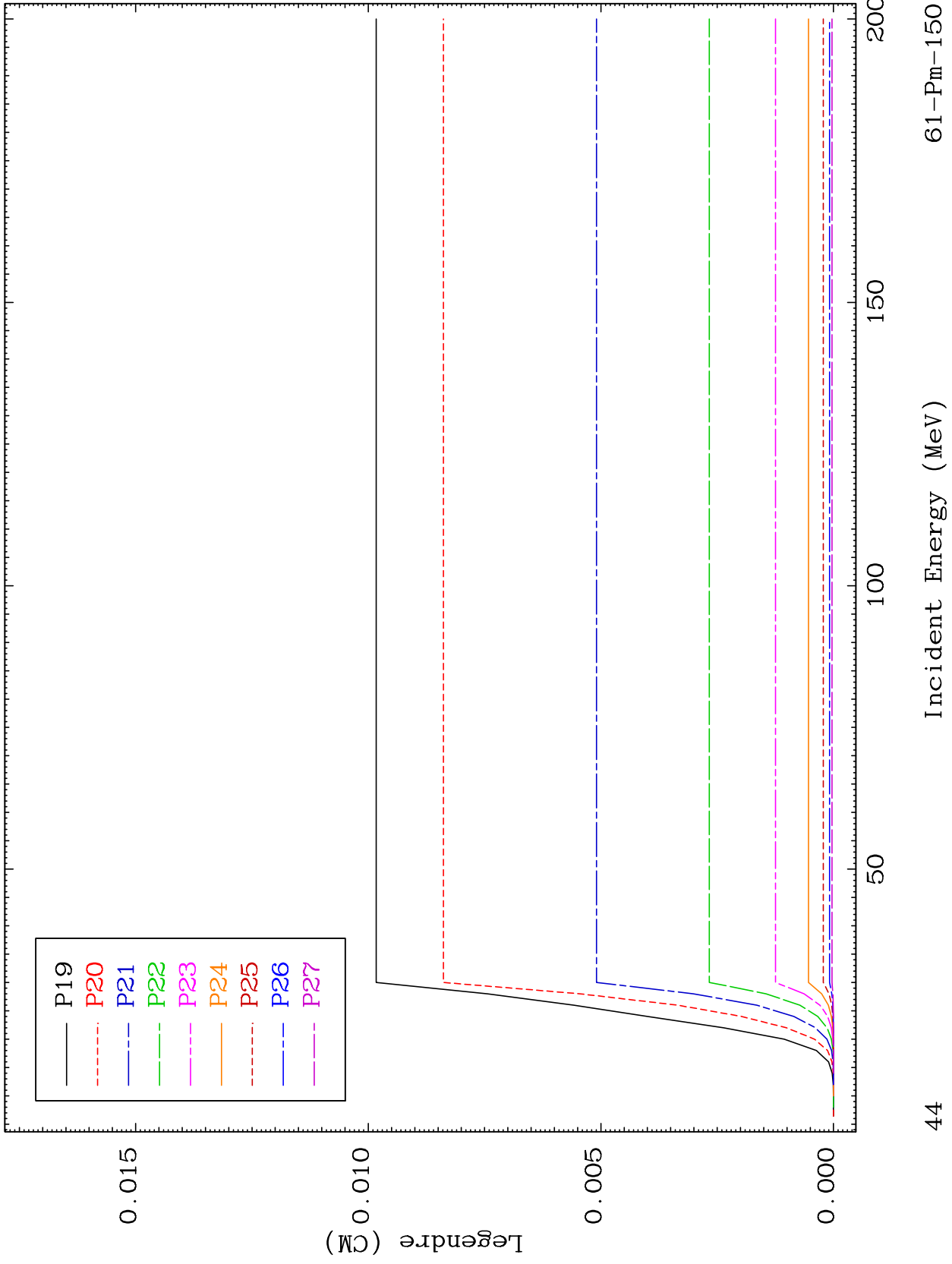
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

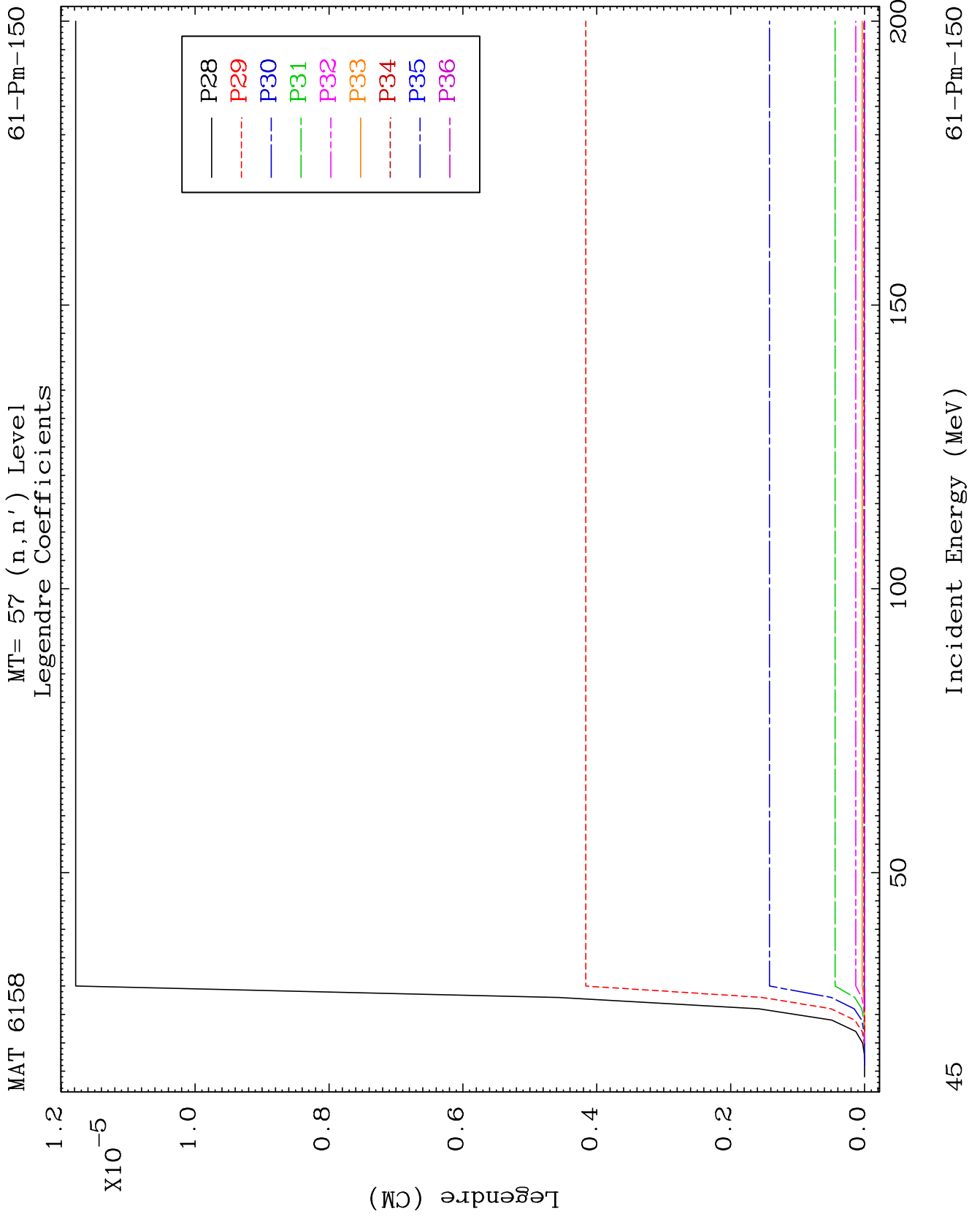
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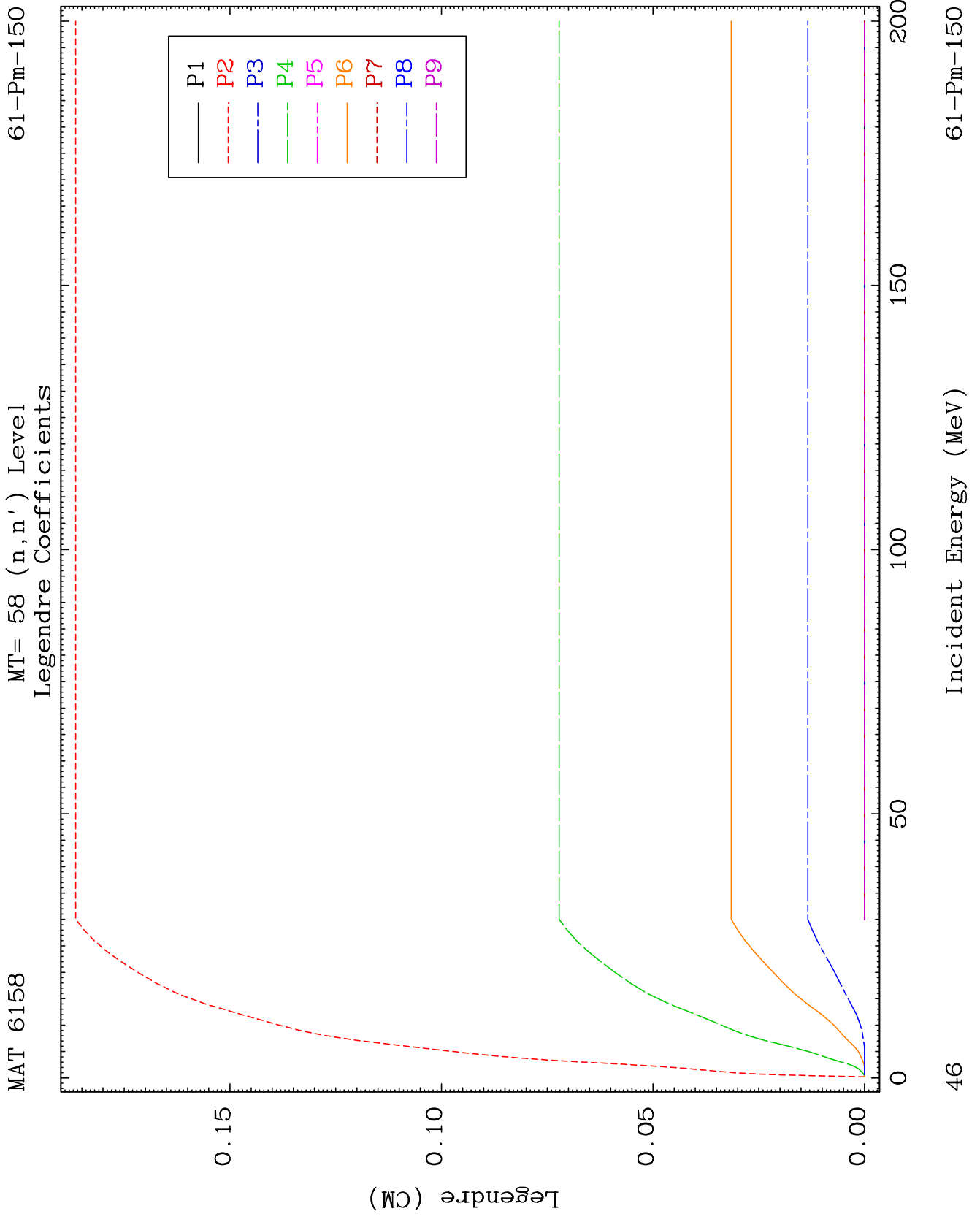


44

Incident Energy (MeV)

61-Pm-150

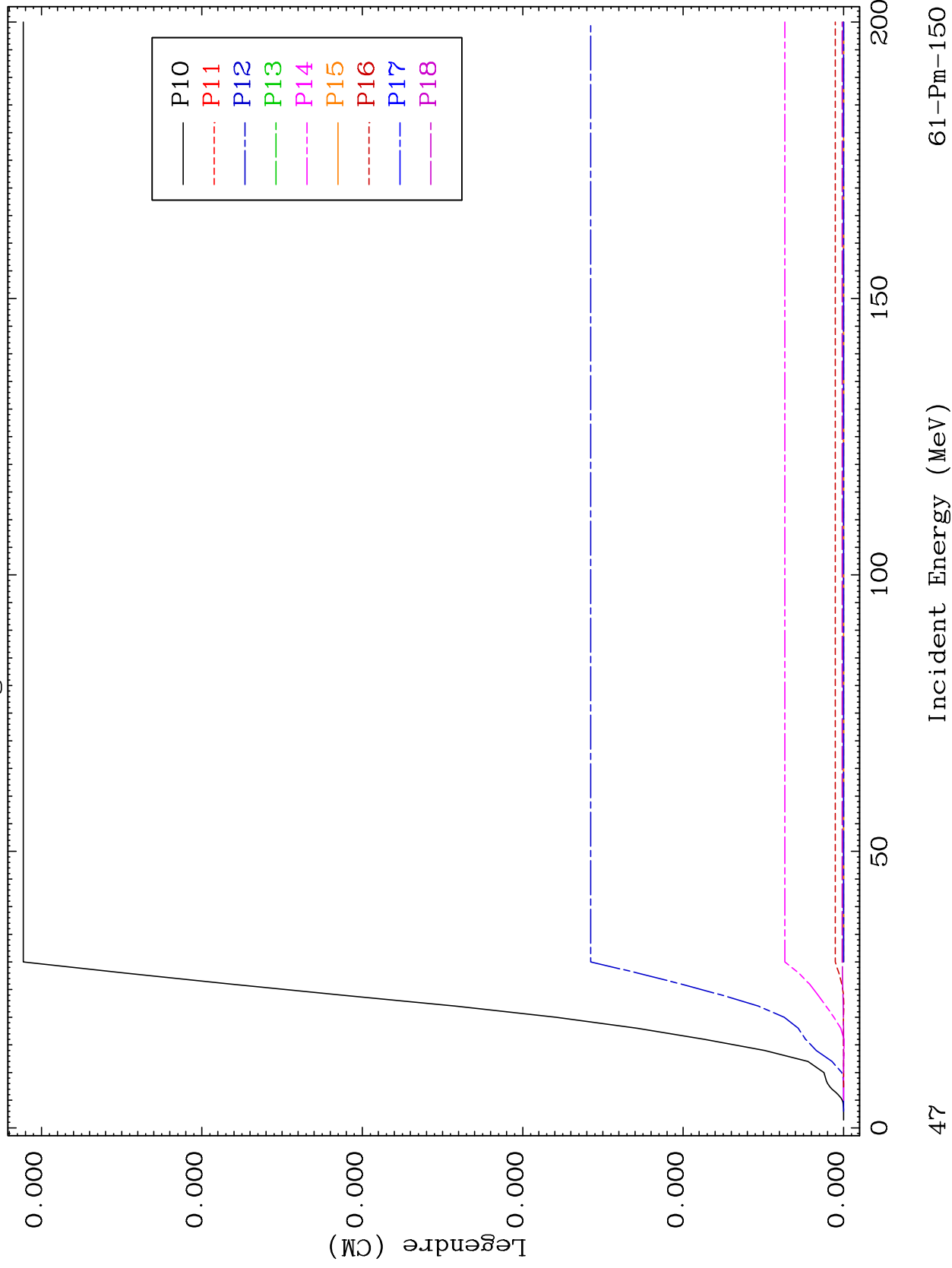




MAT 6158

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

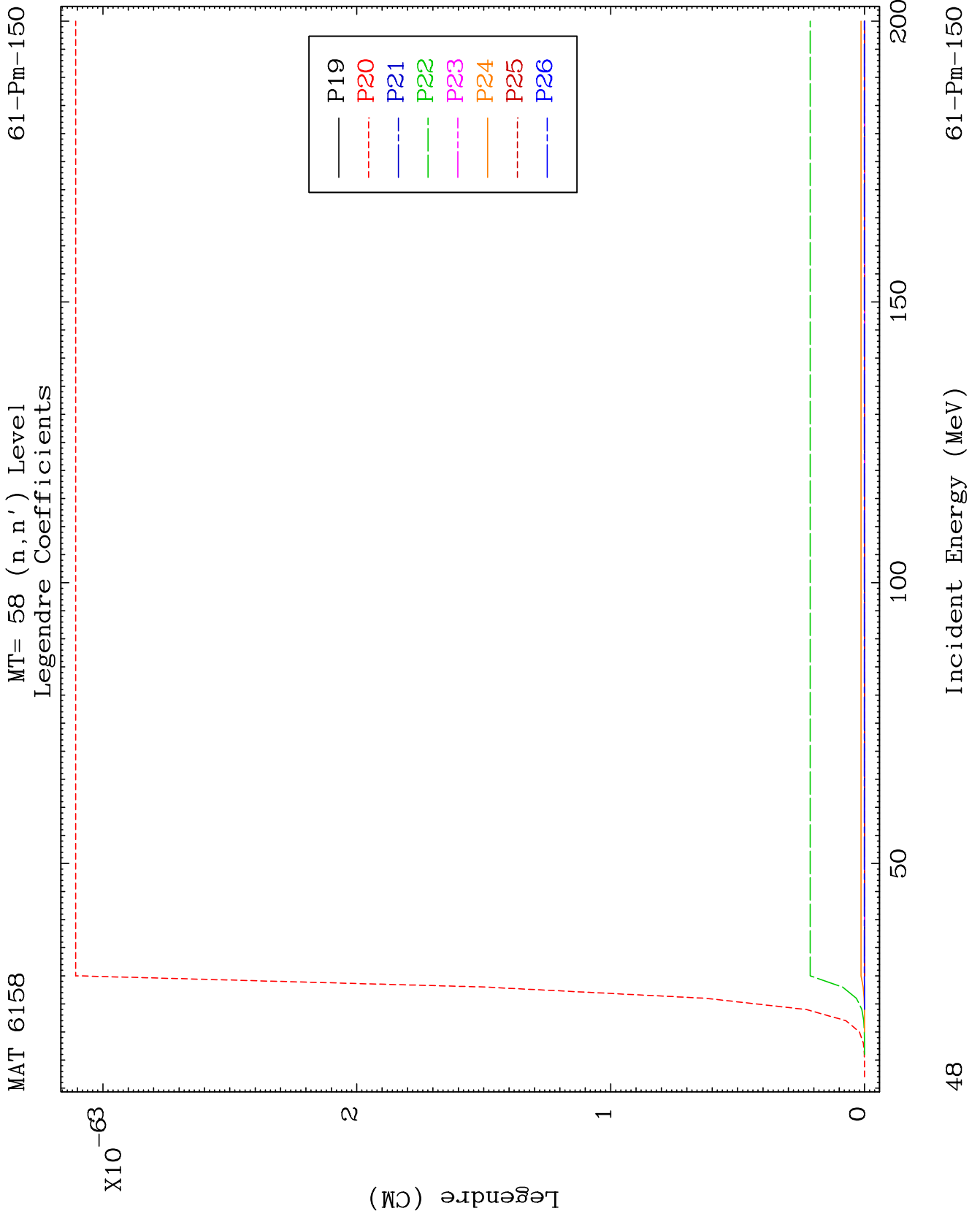
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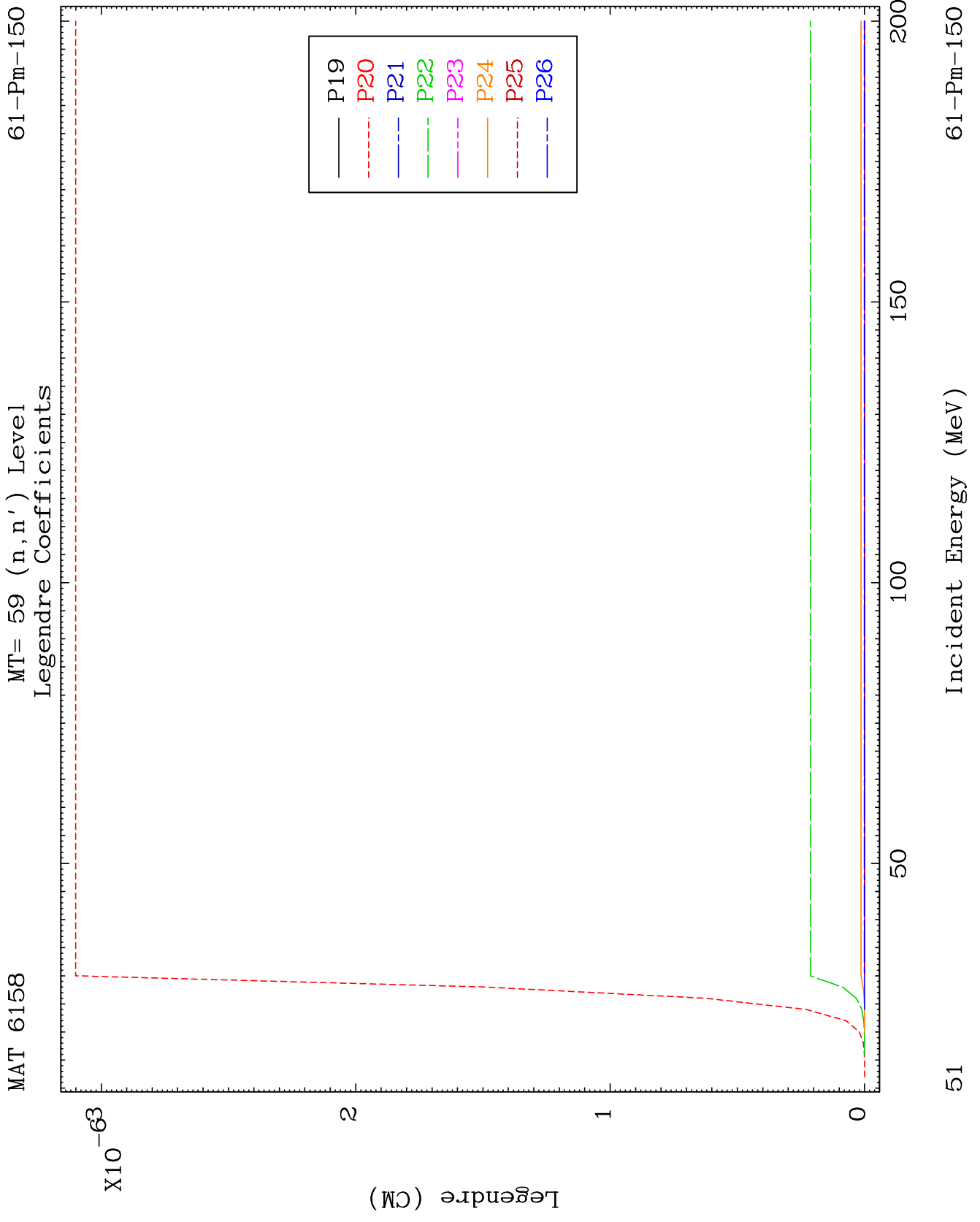


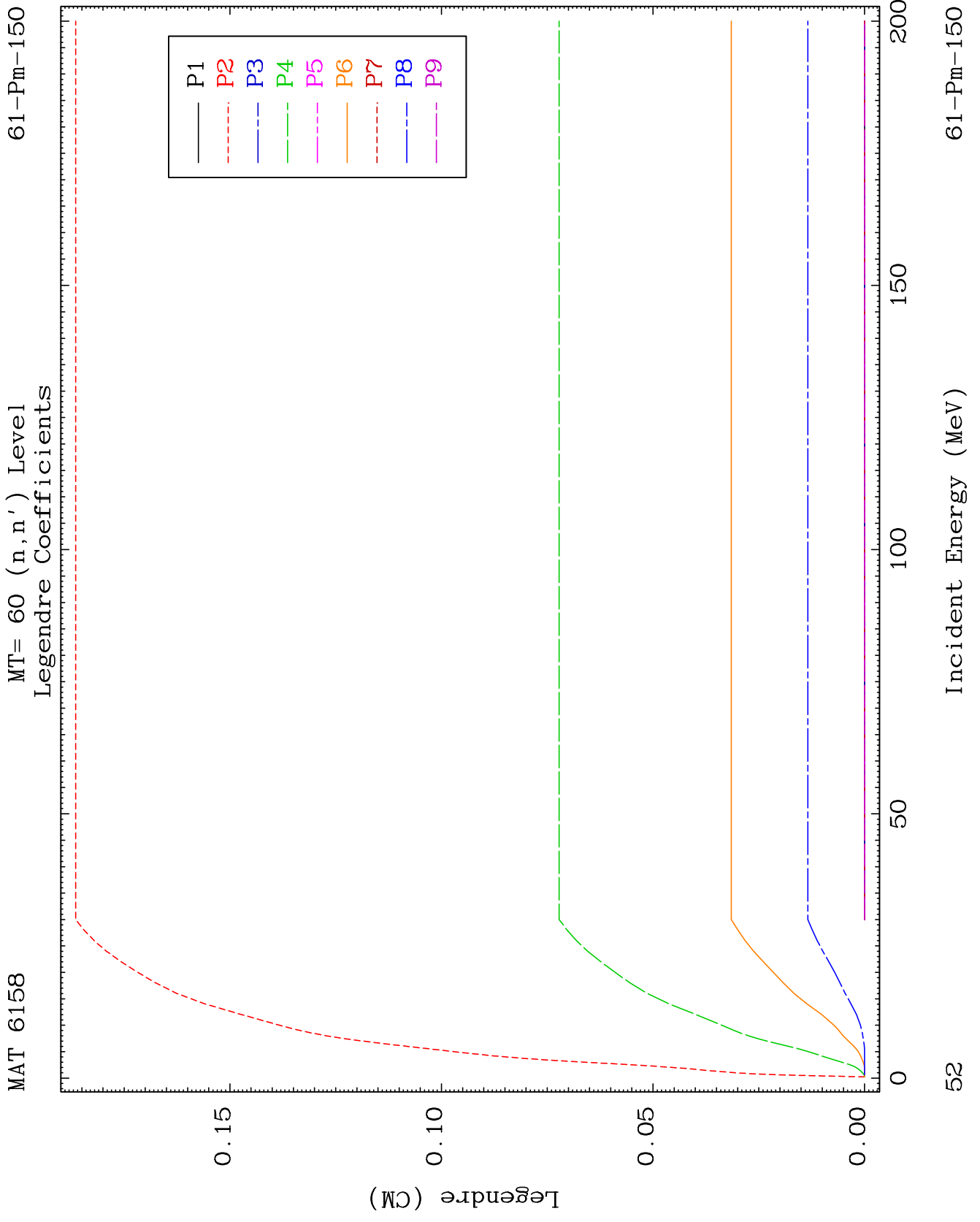
47

Incident Energy (MeV)

61-Pm-150



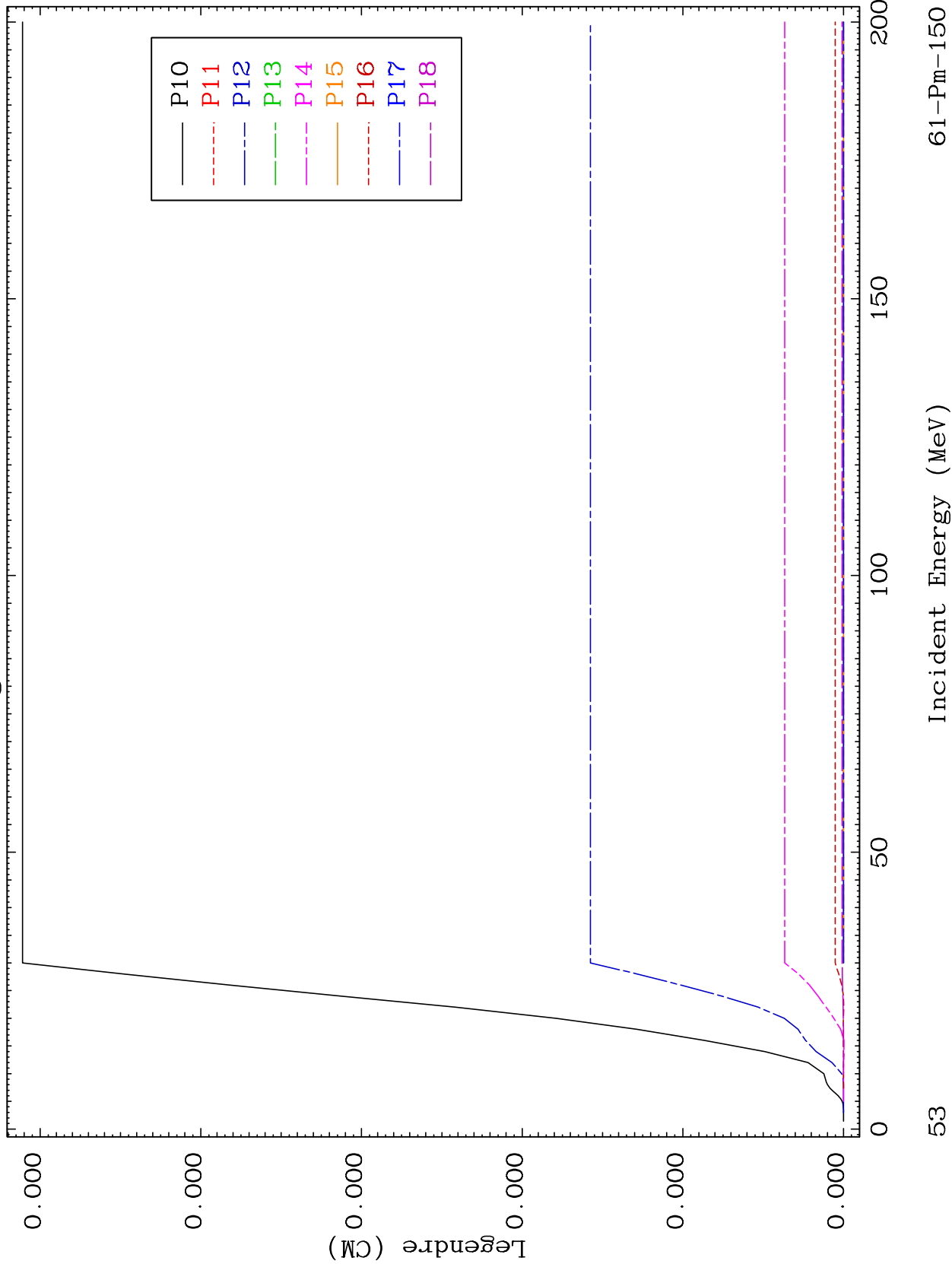


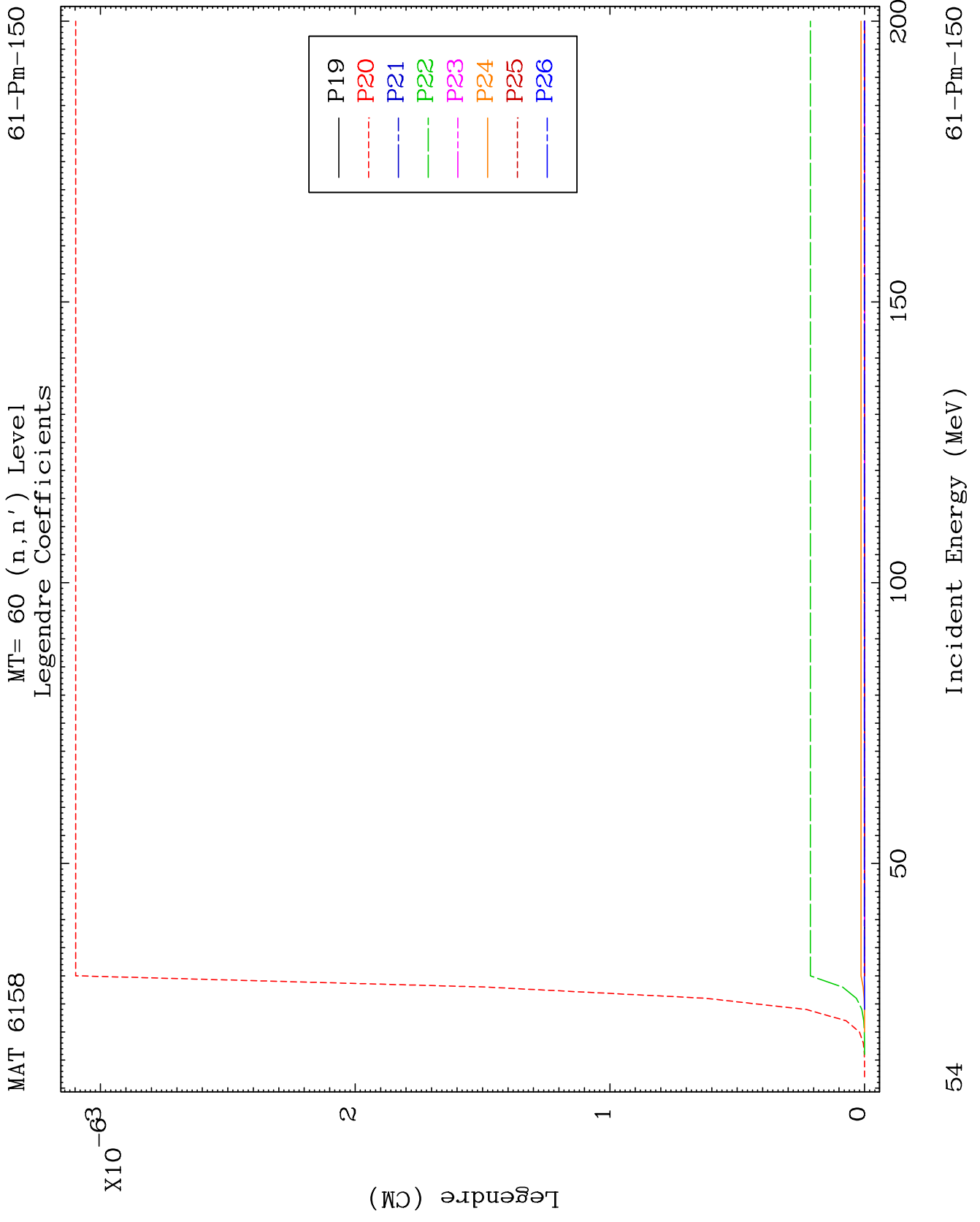


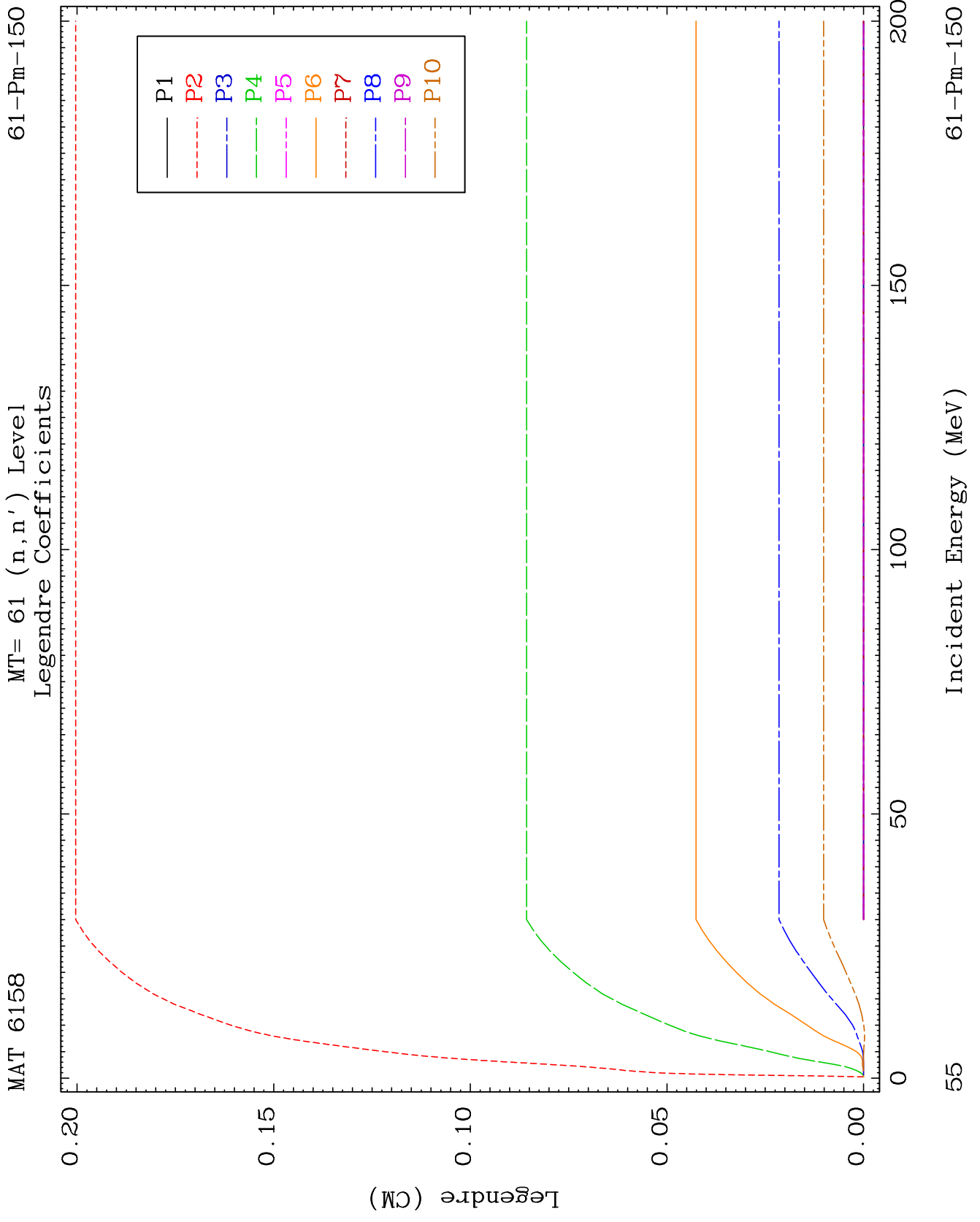
MAT 6158

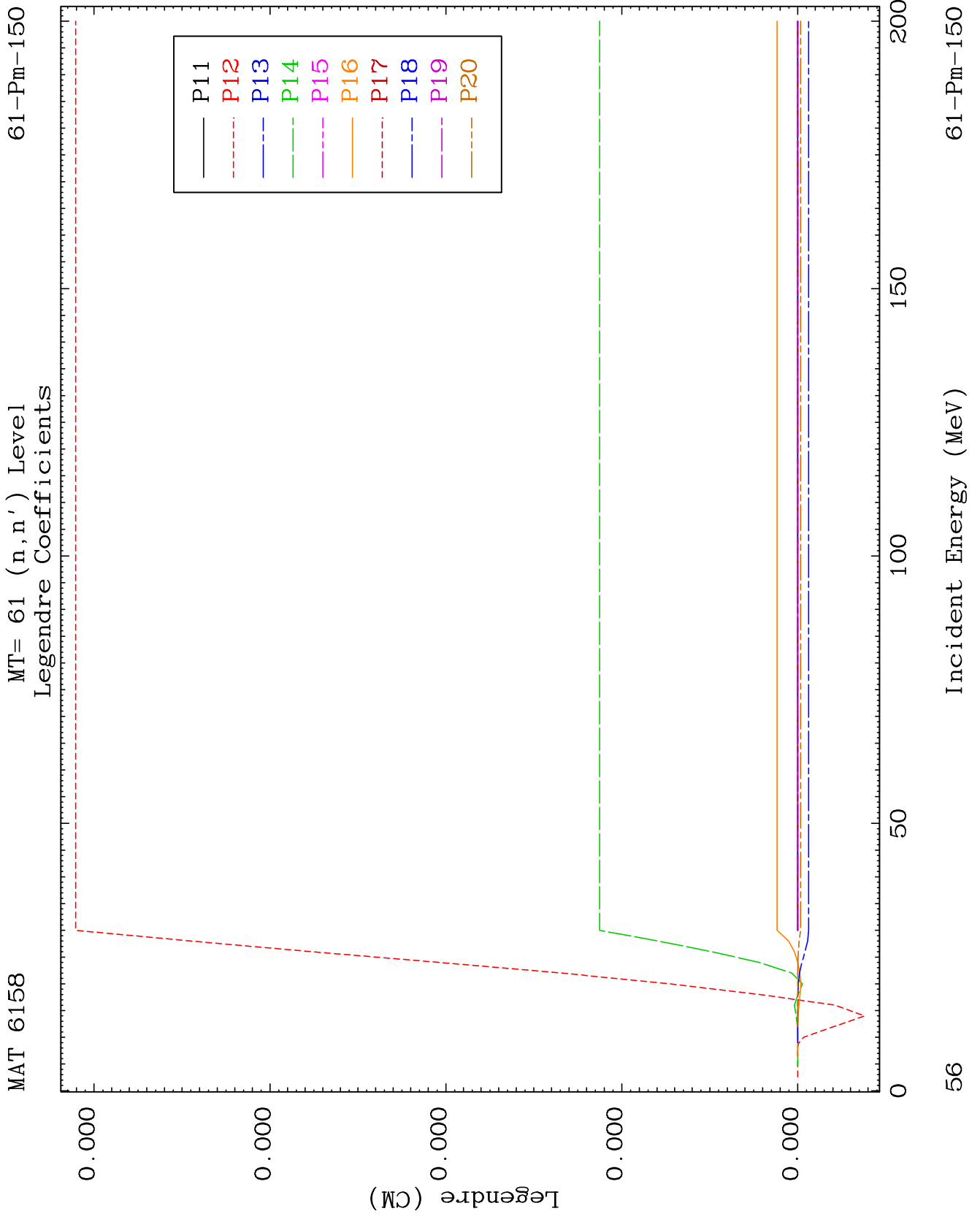
MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-150





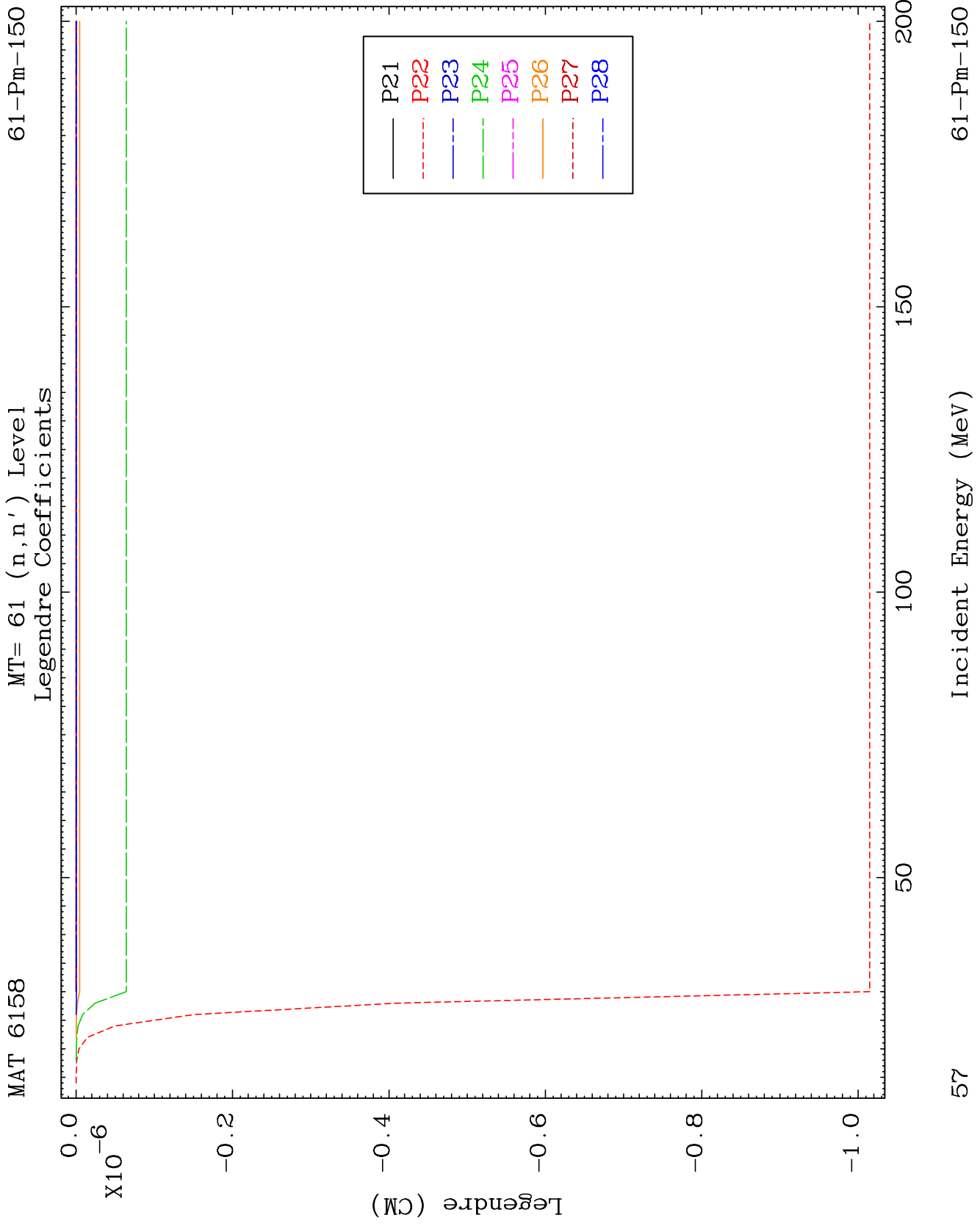


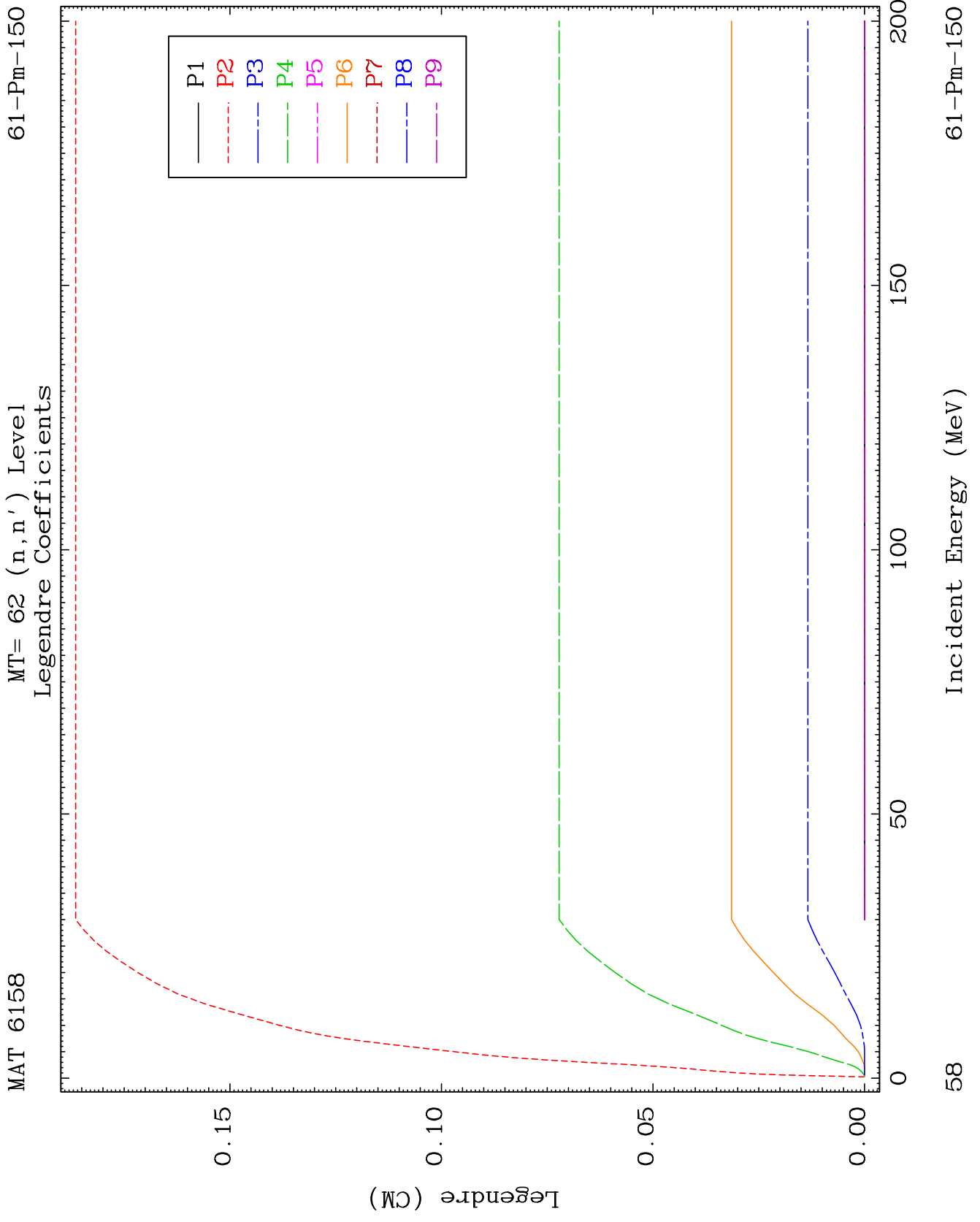


61-Pm-150

Incident Energy (MeV)

56

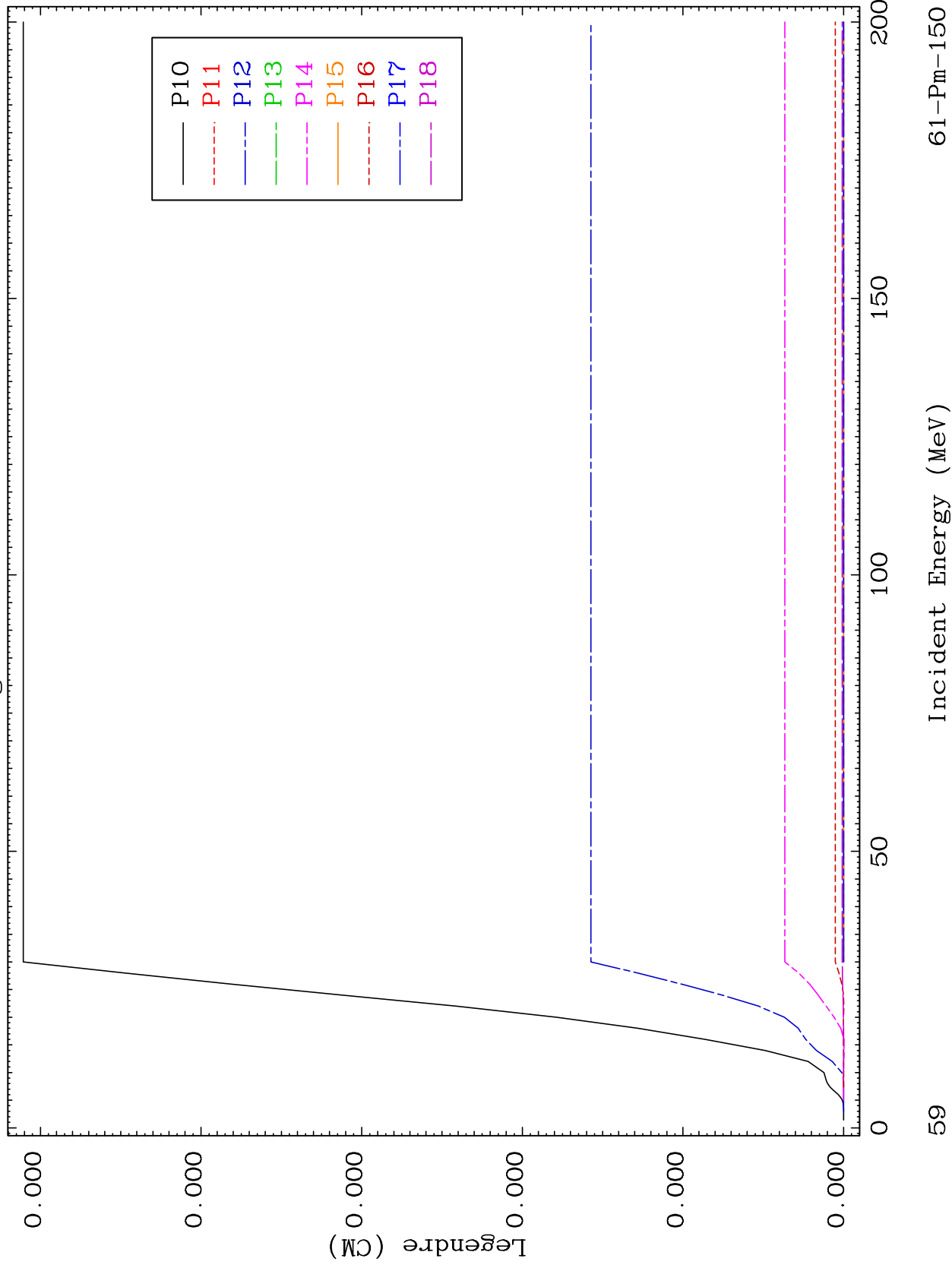




MAT 6158

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

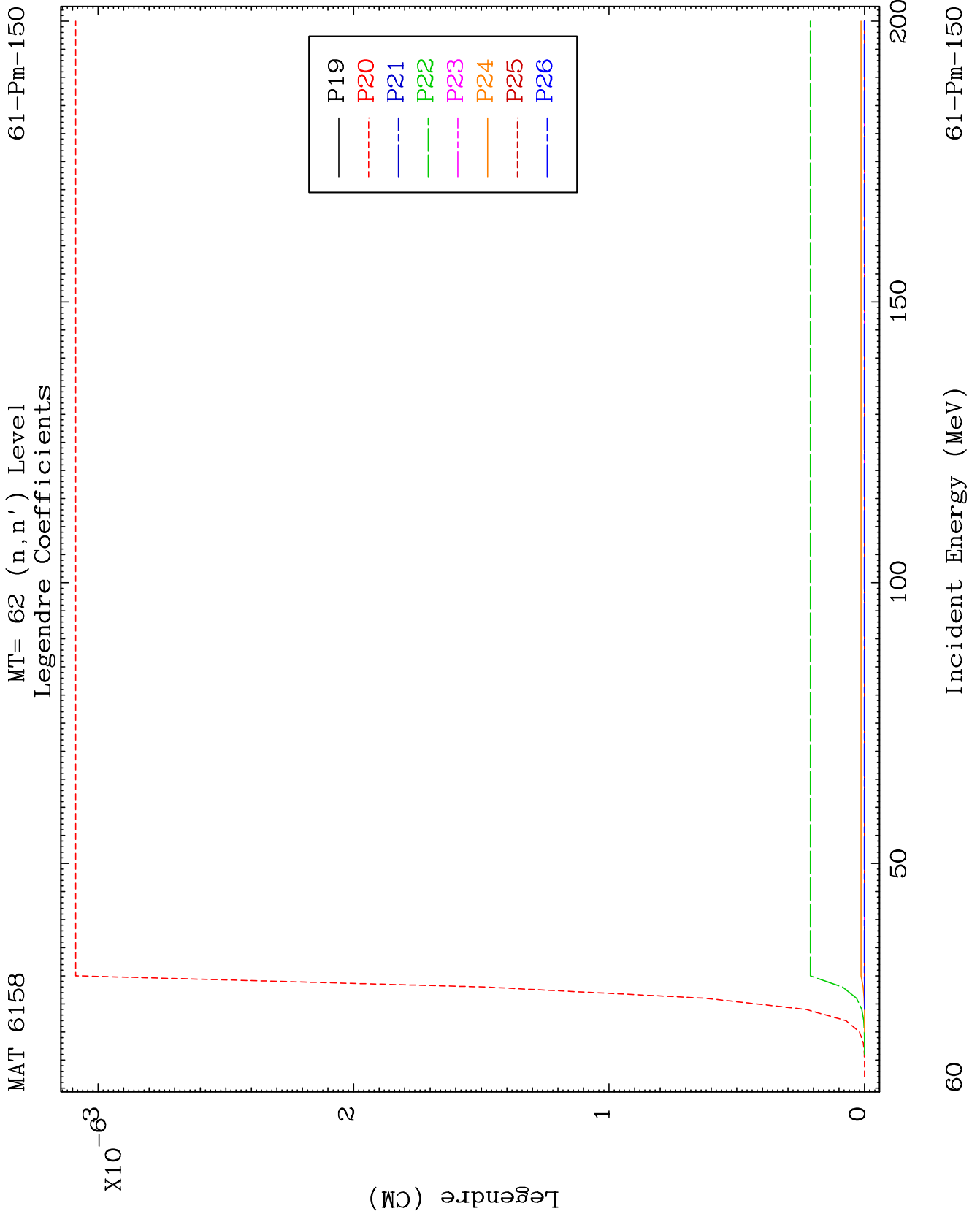
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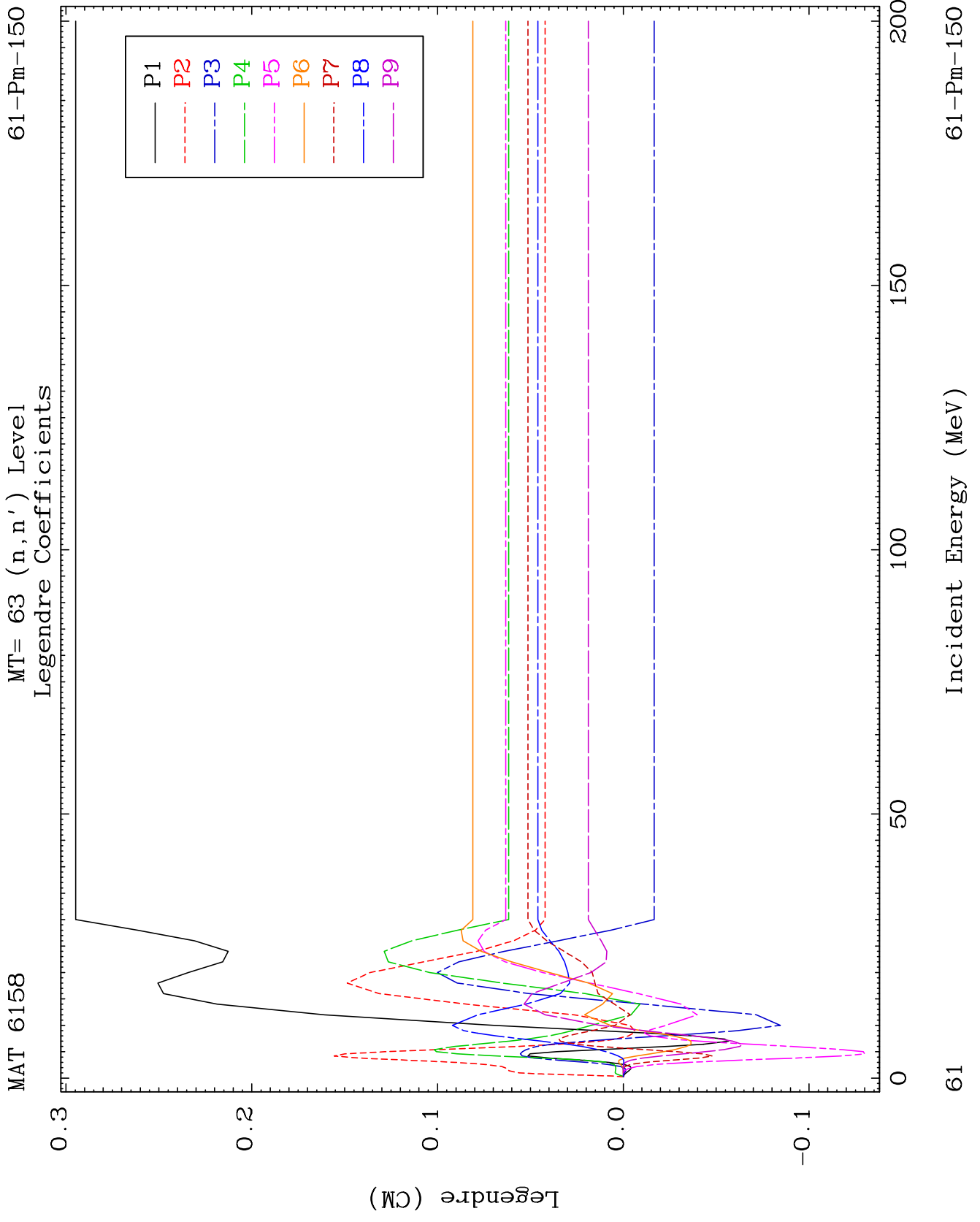


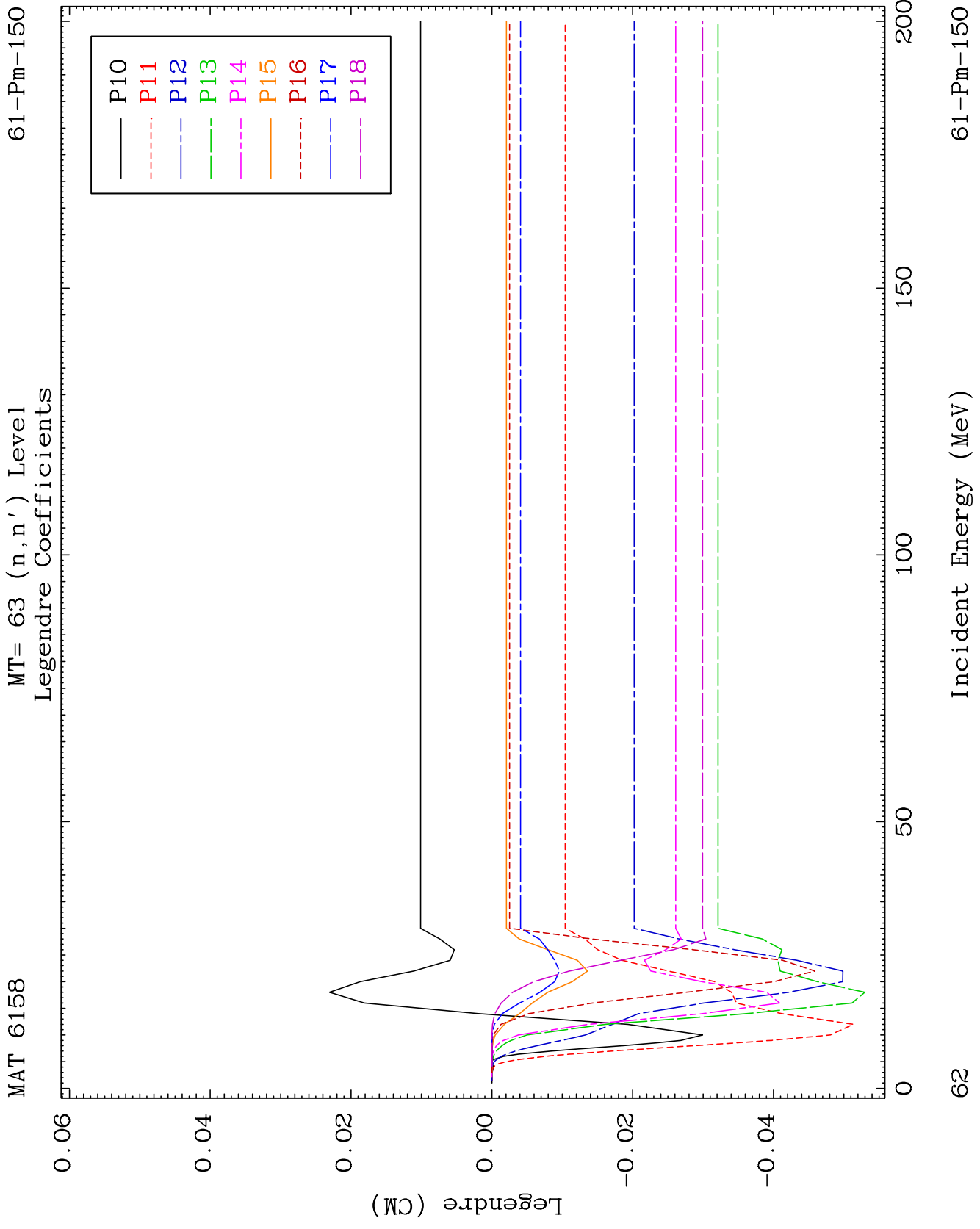
59

Incident Energy (MeV)

61-Pm-150



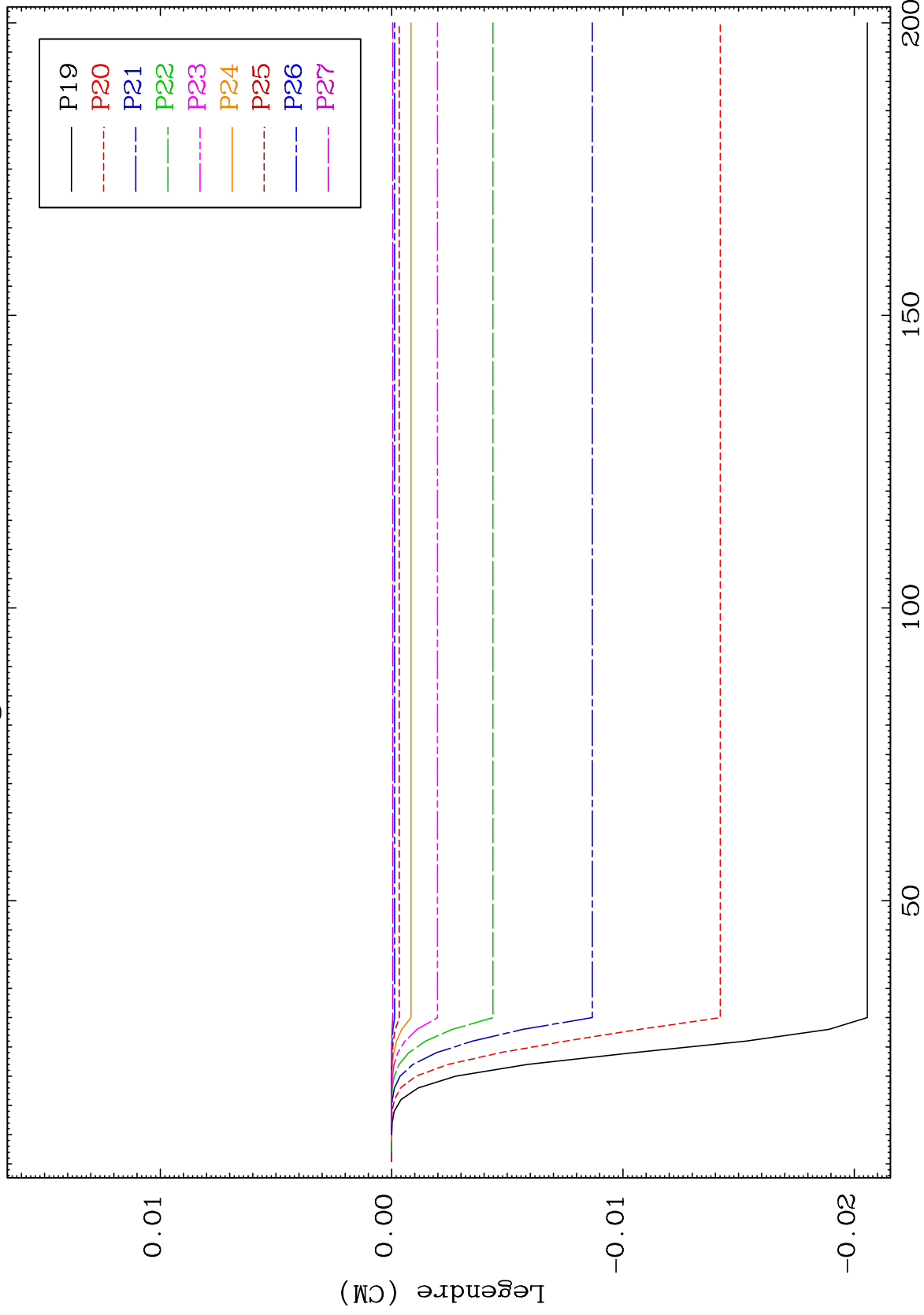




MAT 6158

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

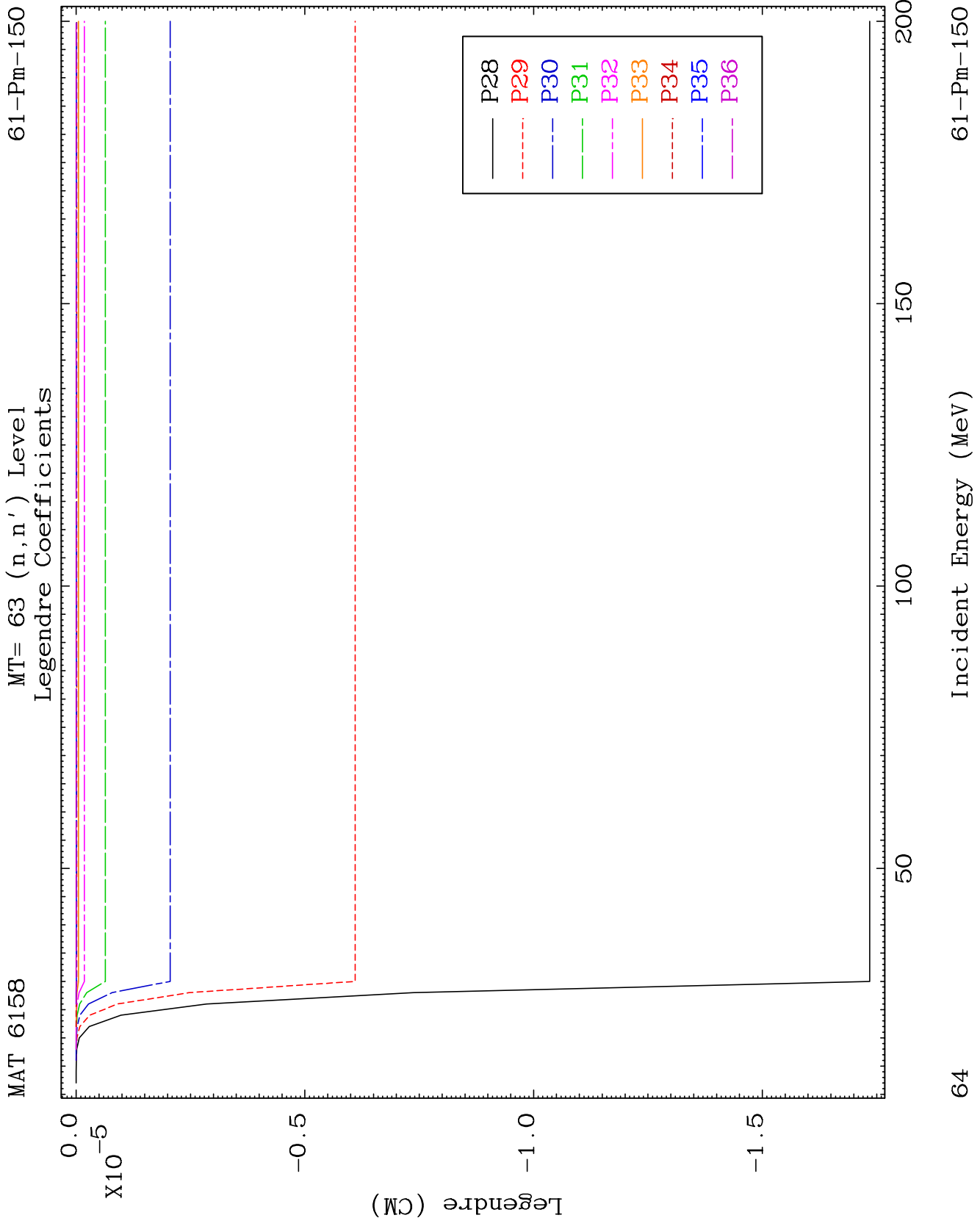
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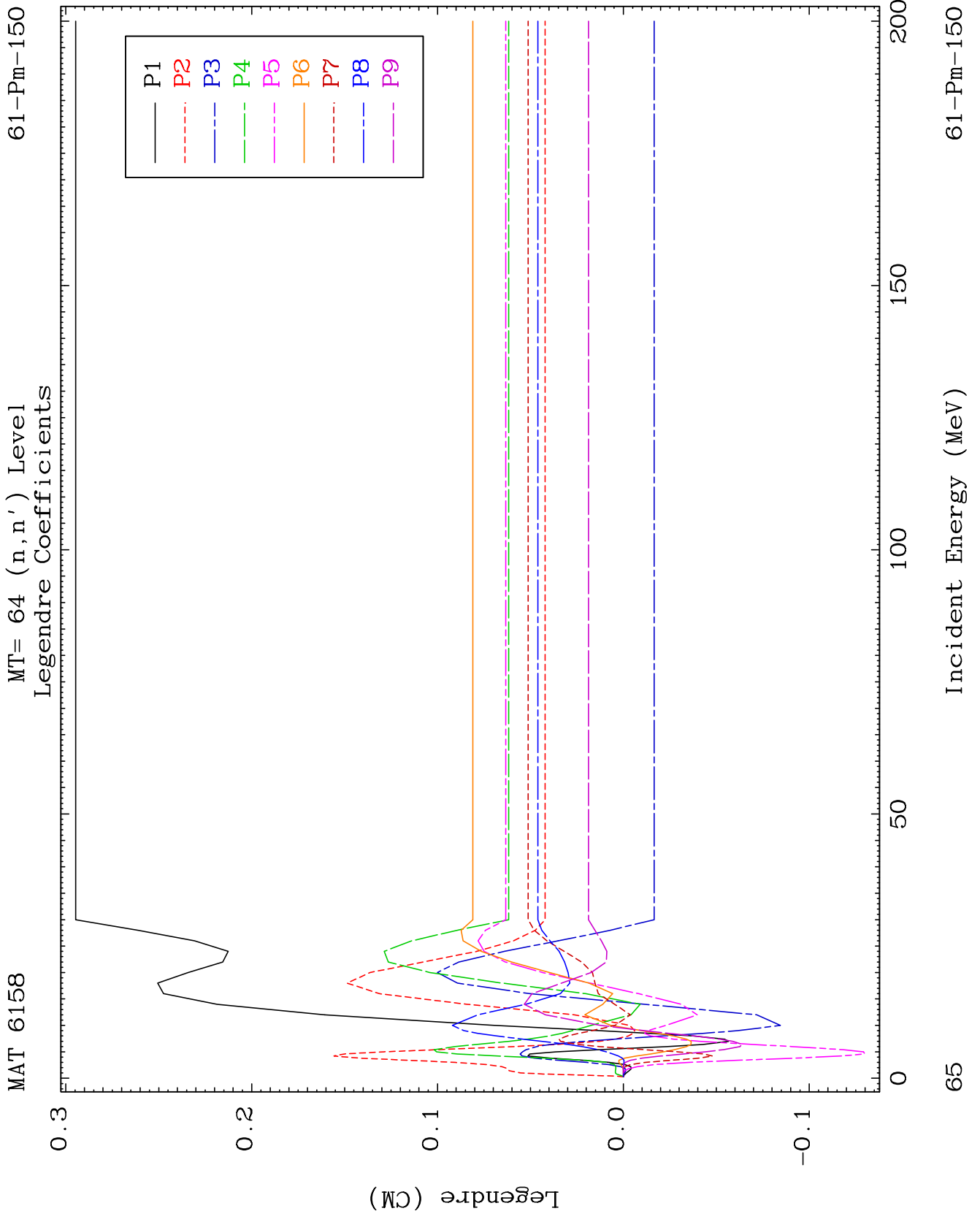


63

Incident Energy (MeV)

61-Pm-150

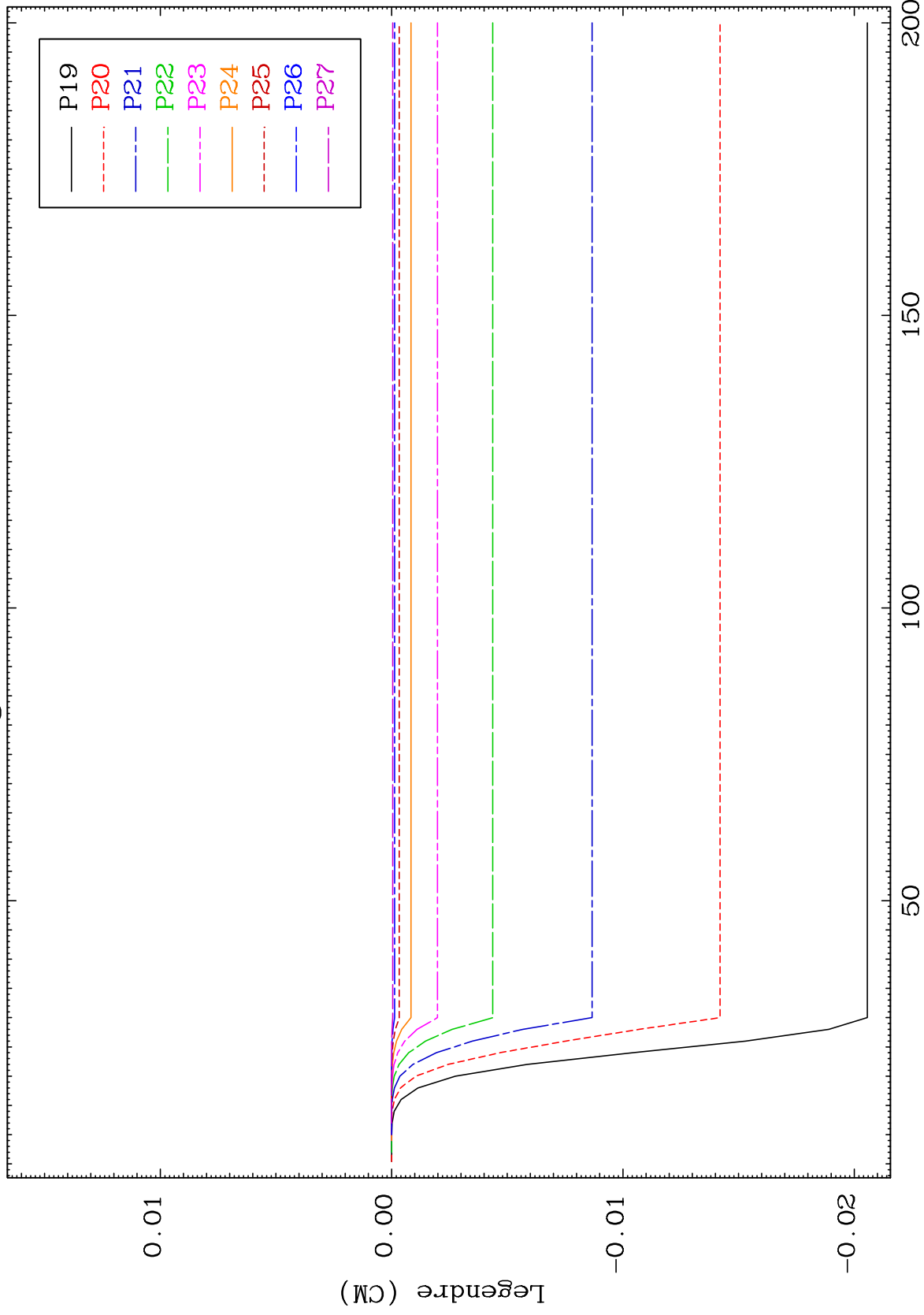




MAT 6158

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

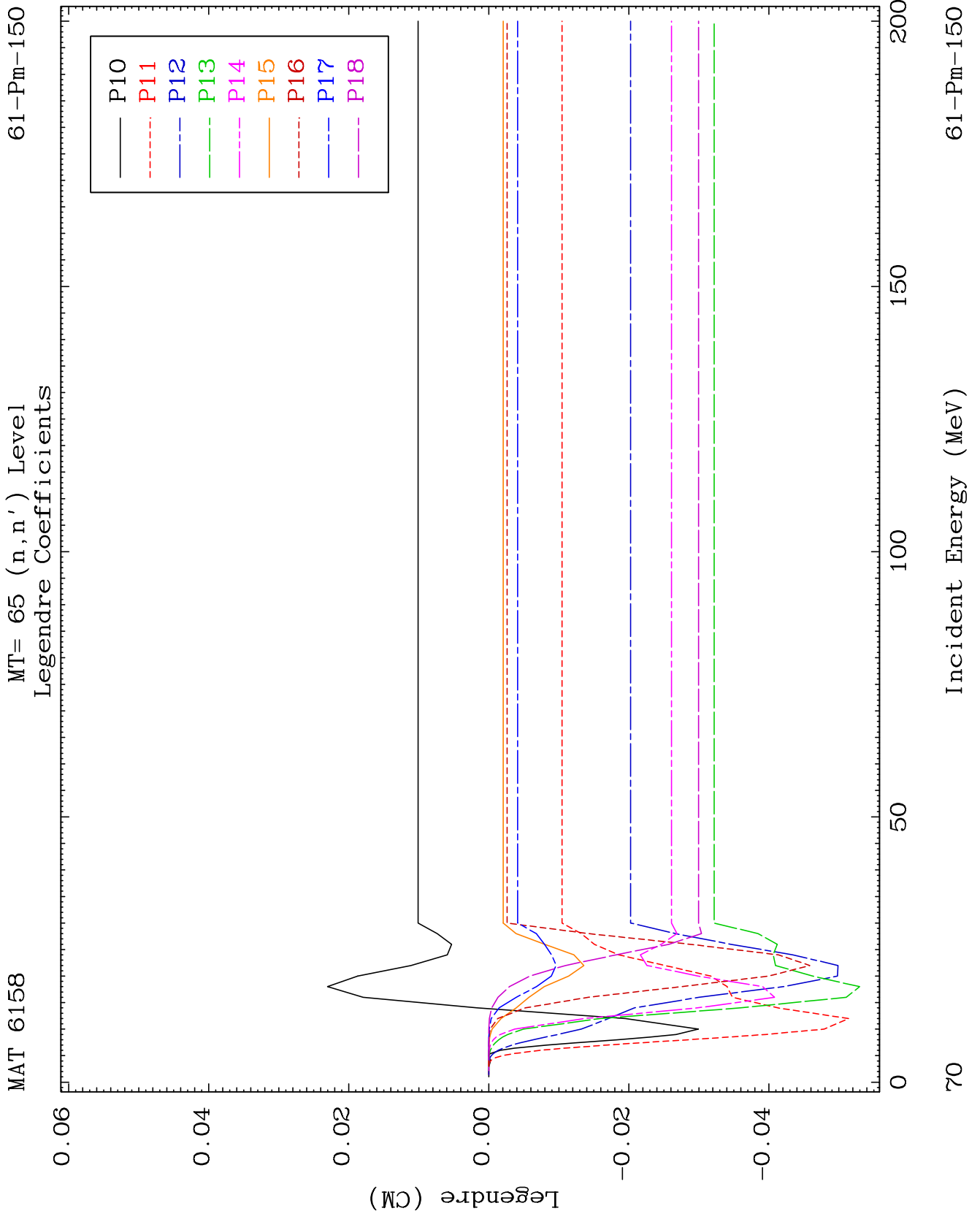
61-Pm-150



67

Incident Energy (MeV)

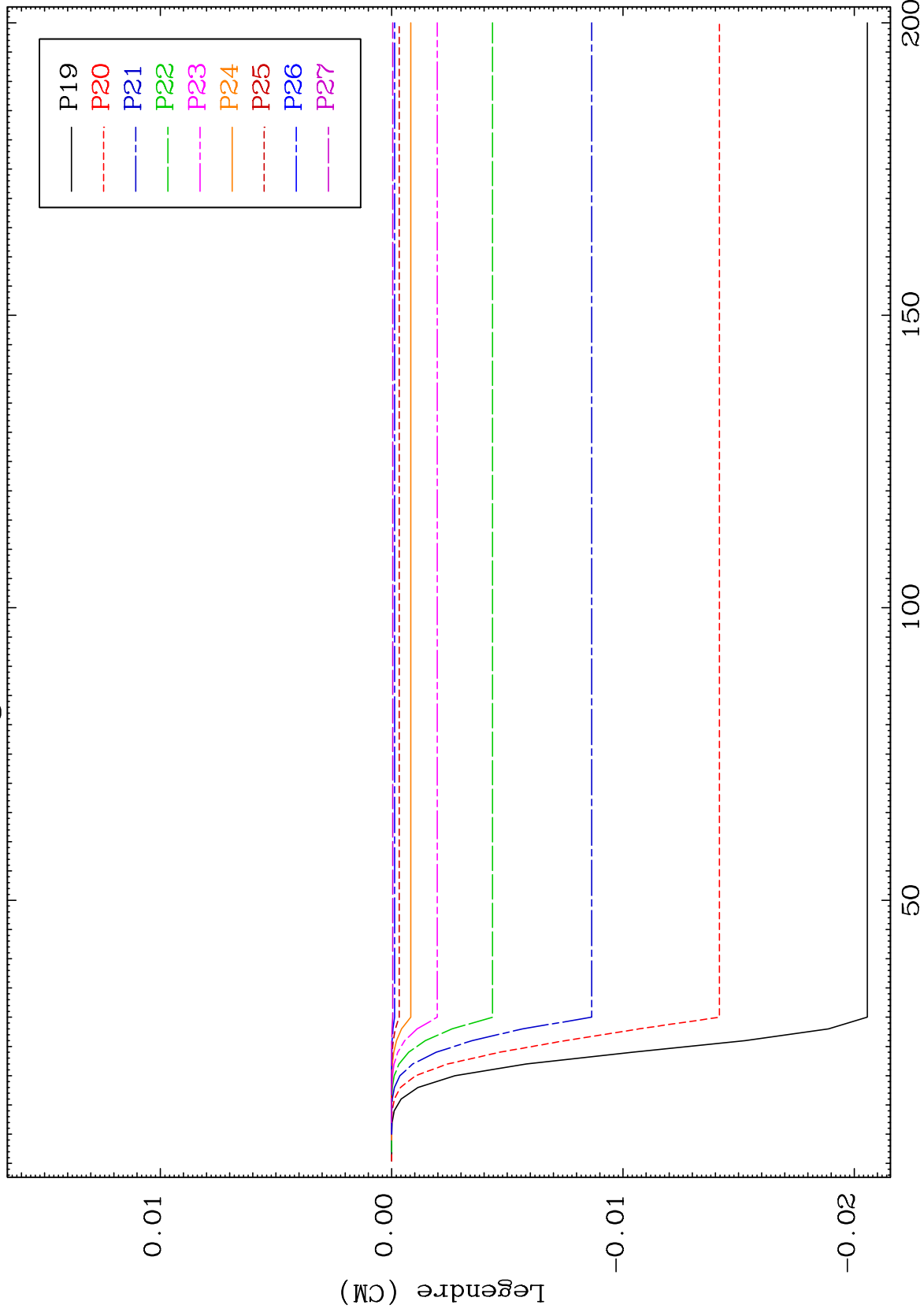
61-Pm-150



MAT 6158

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

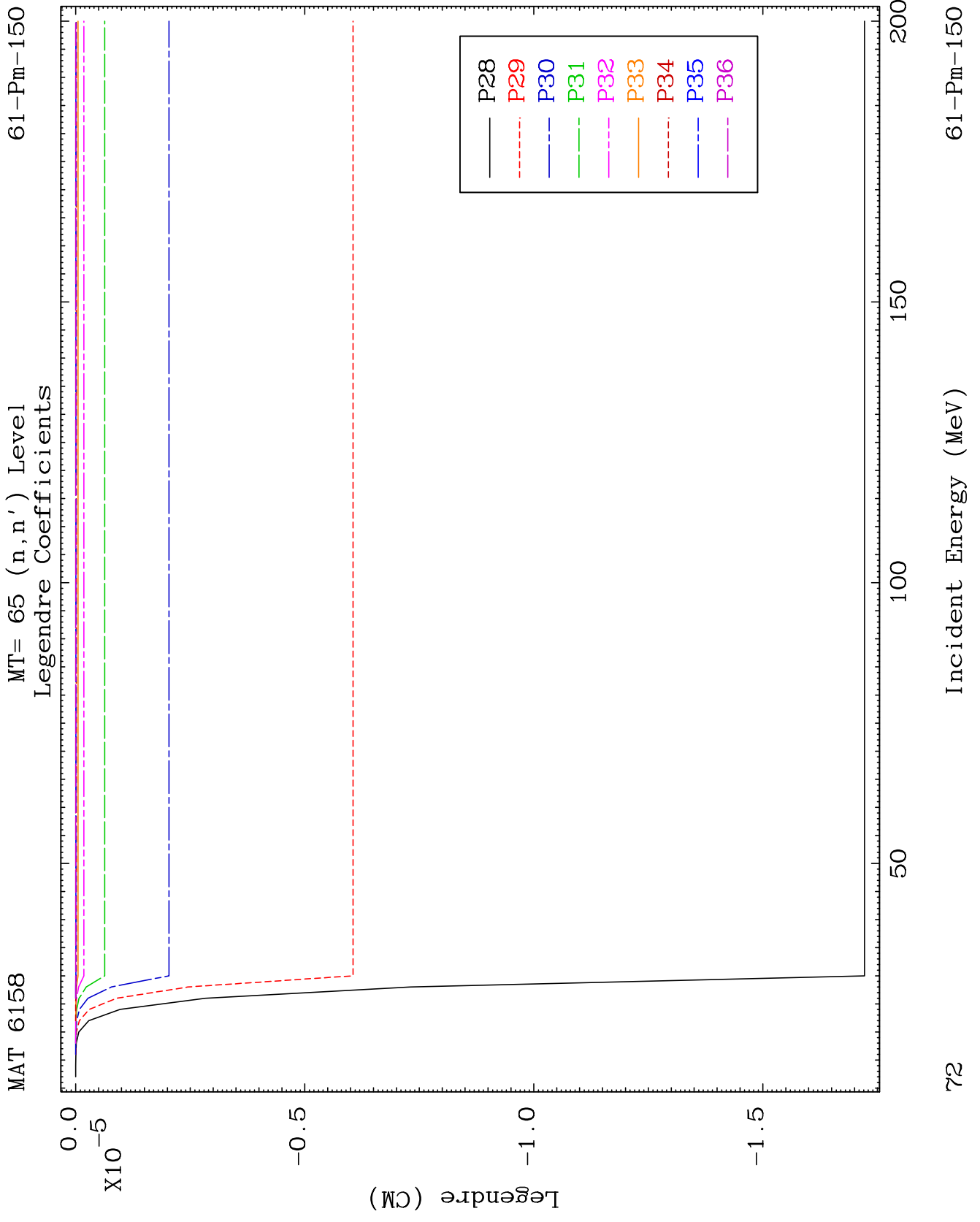
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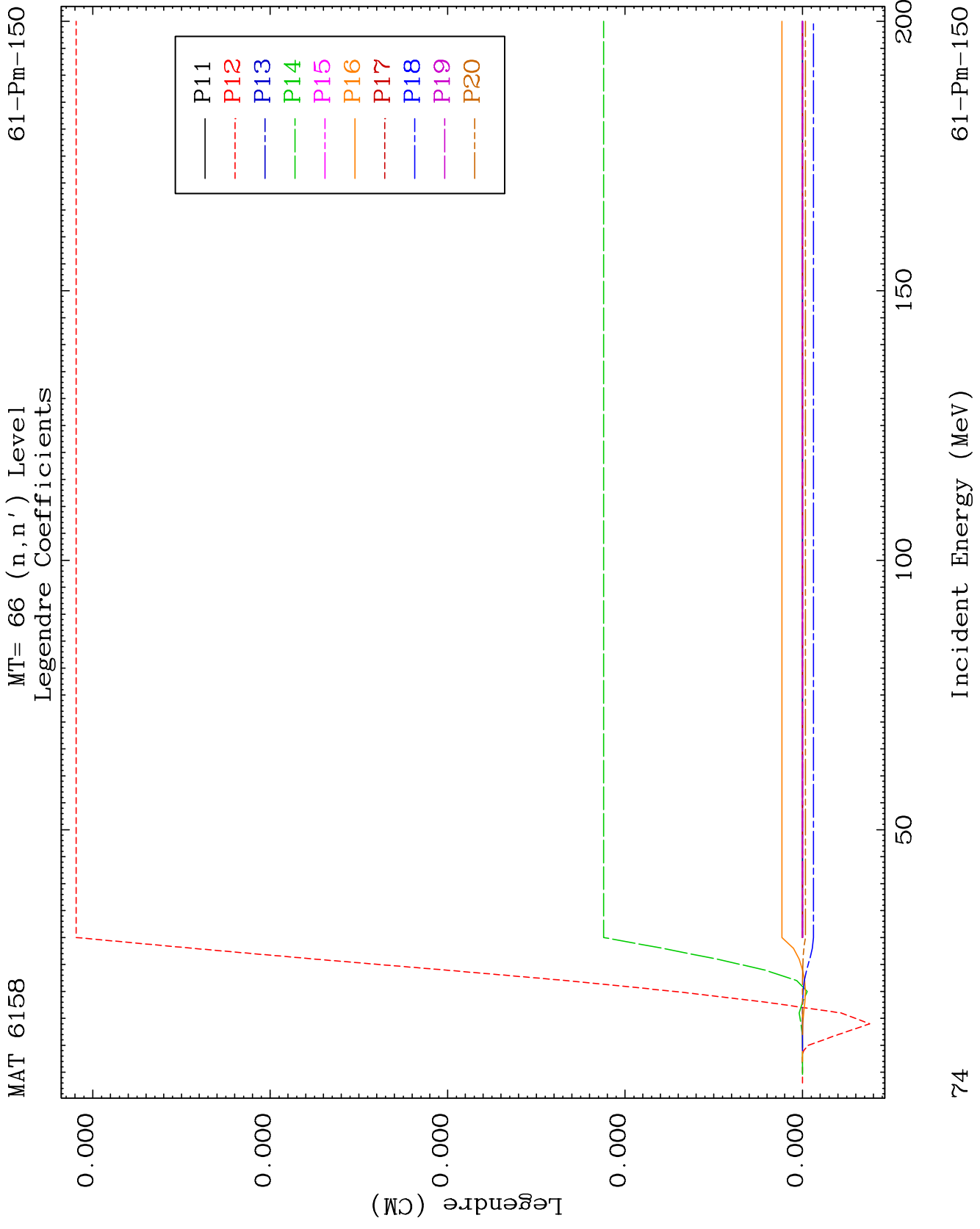


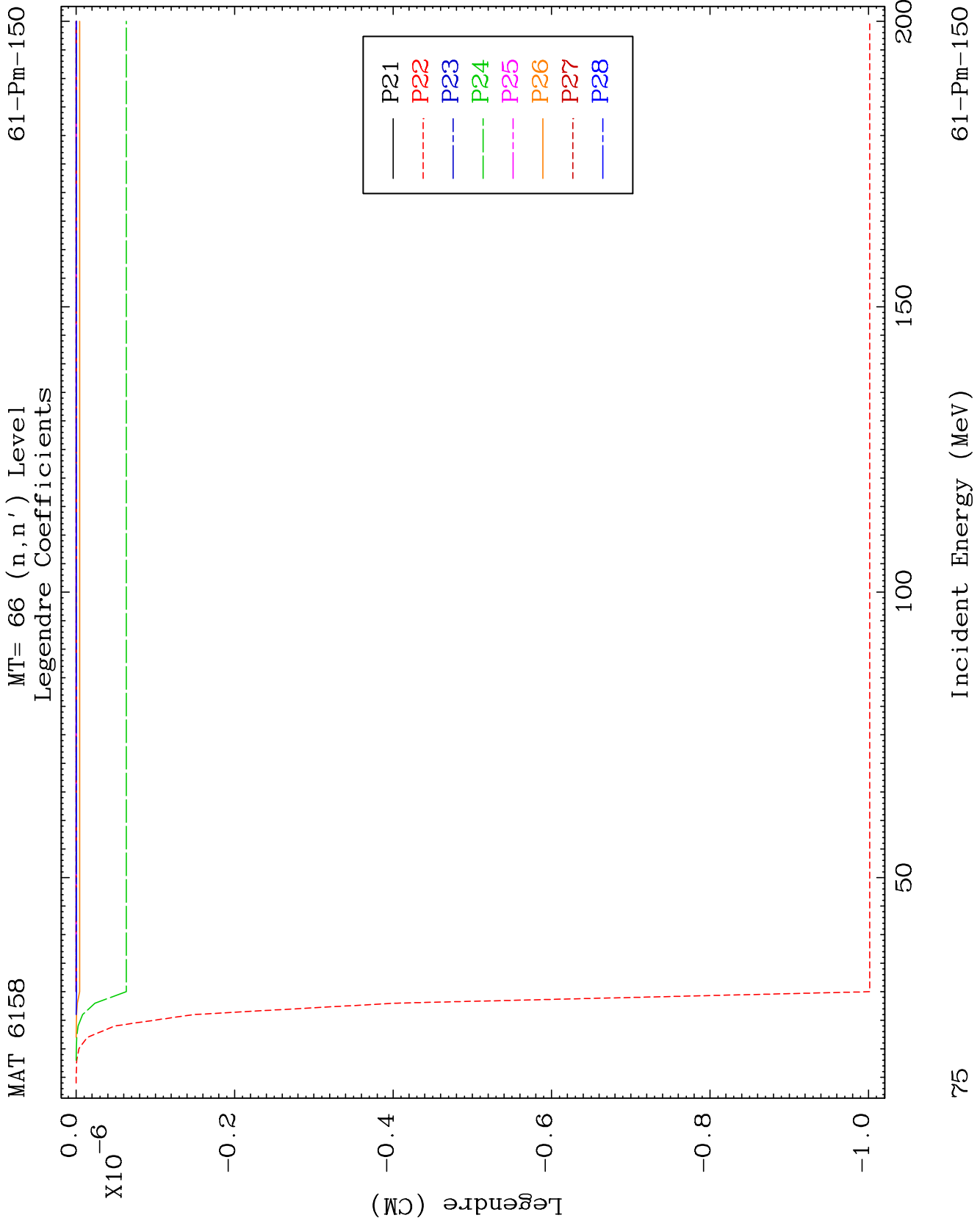
71

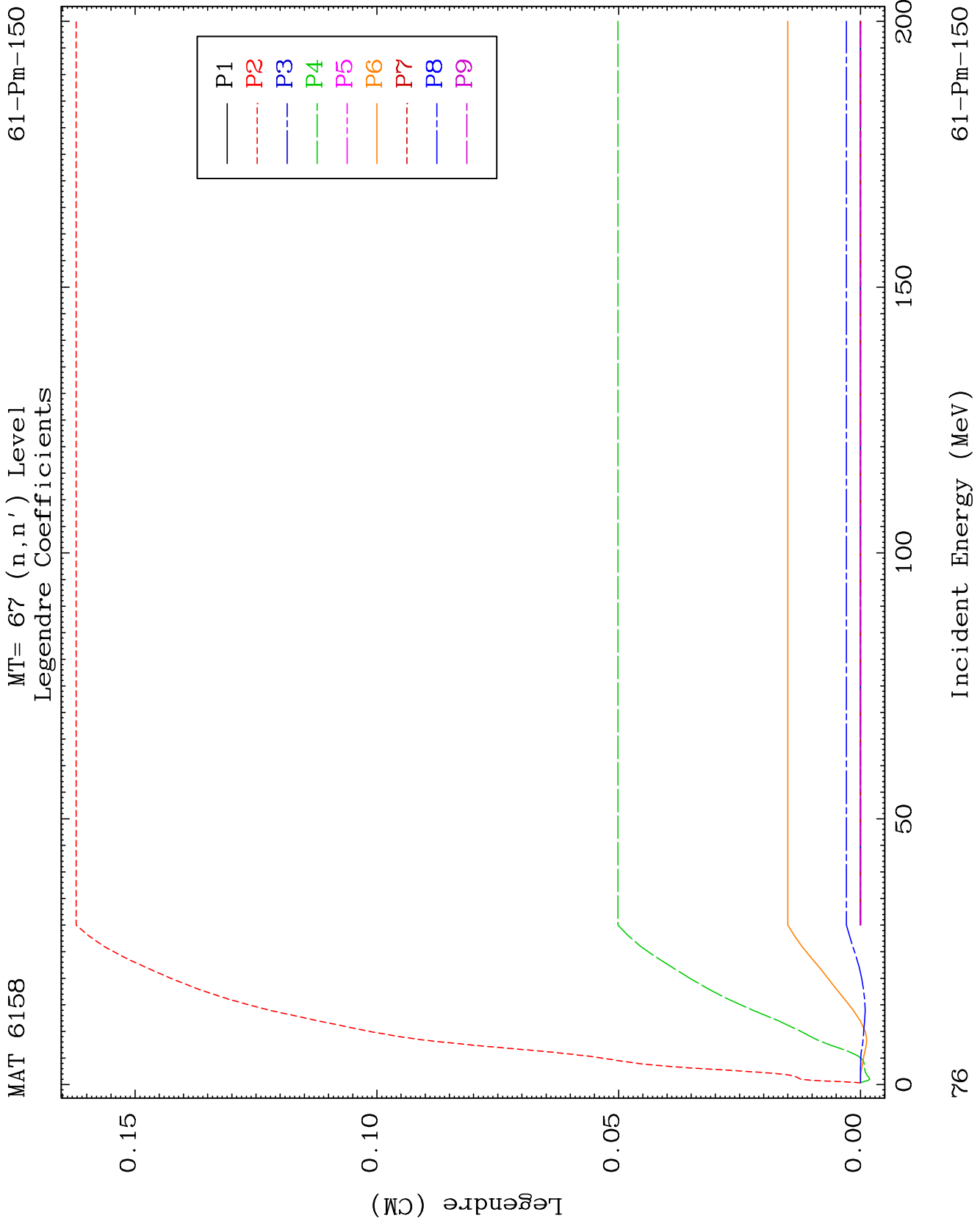
Incident Energy (MeV)

61-Pm-150





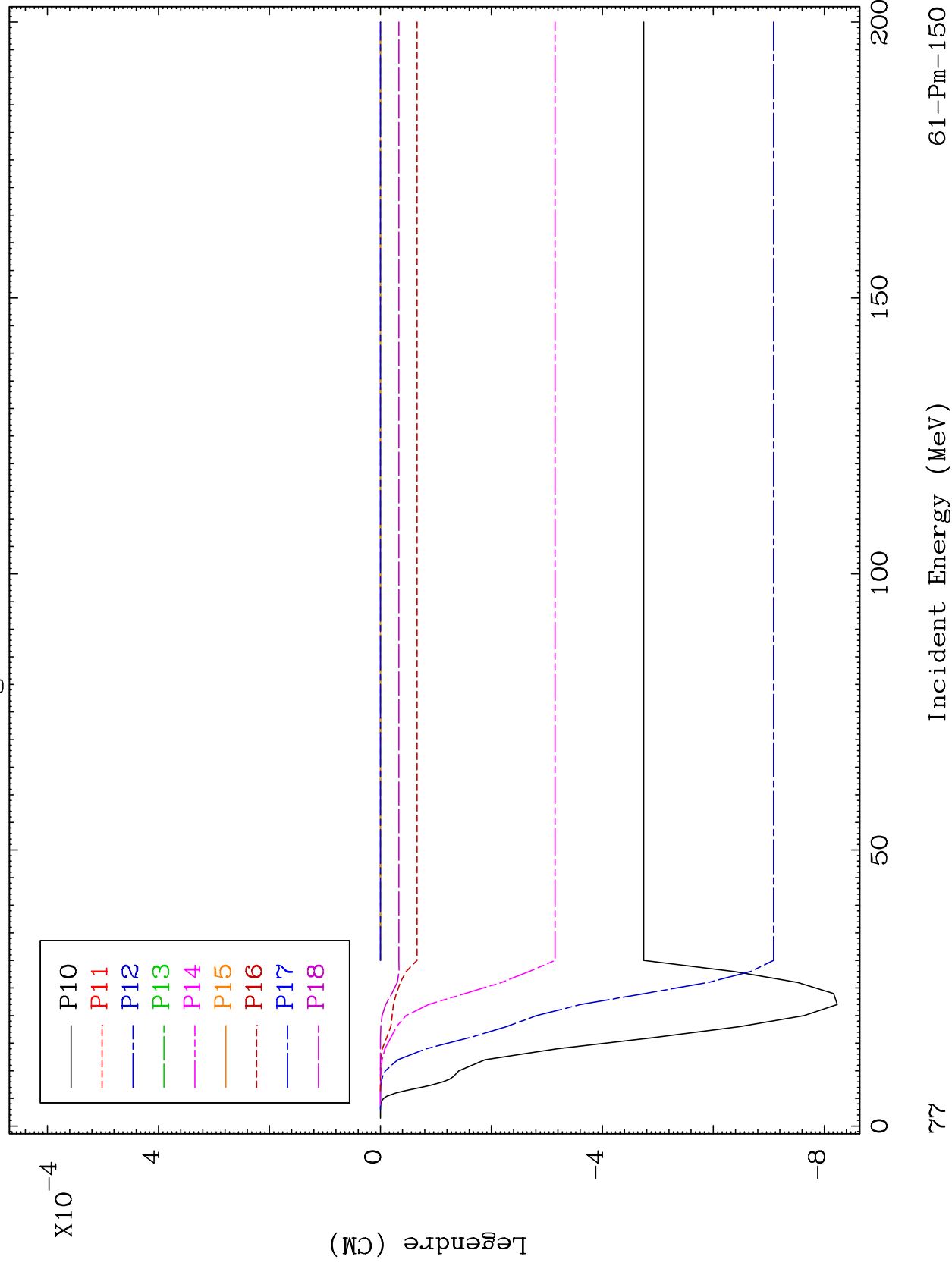




MAT 6158

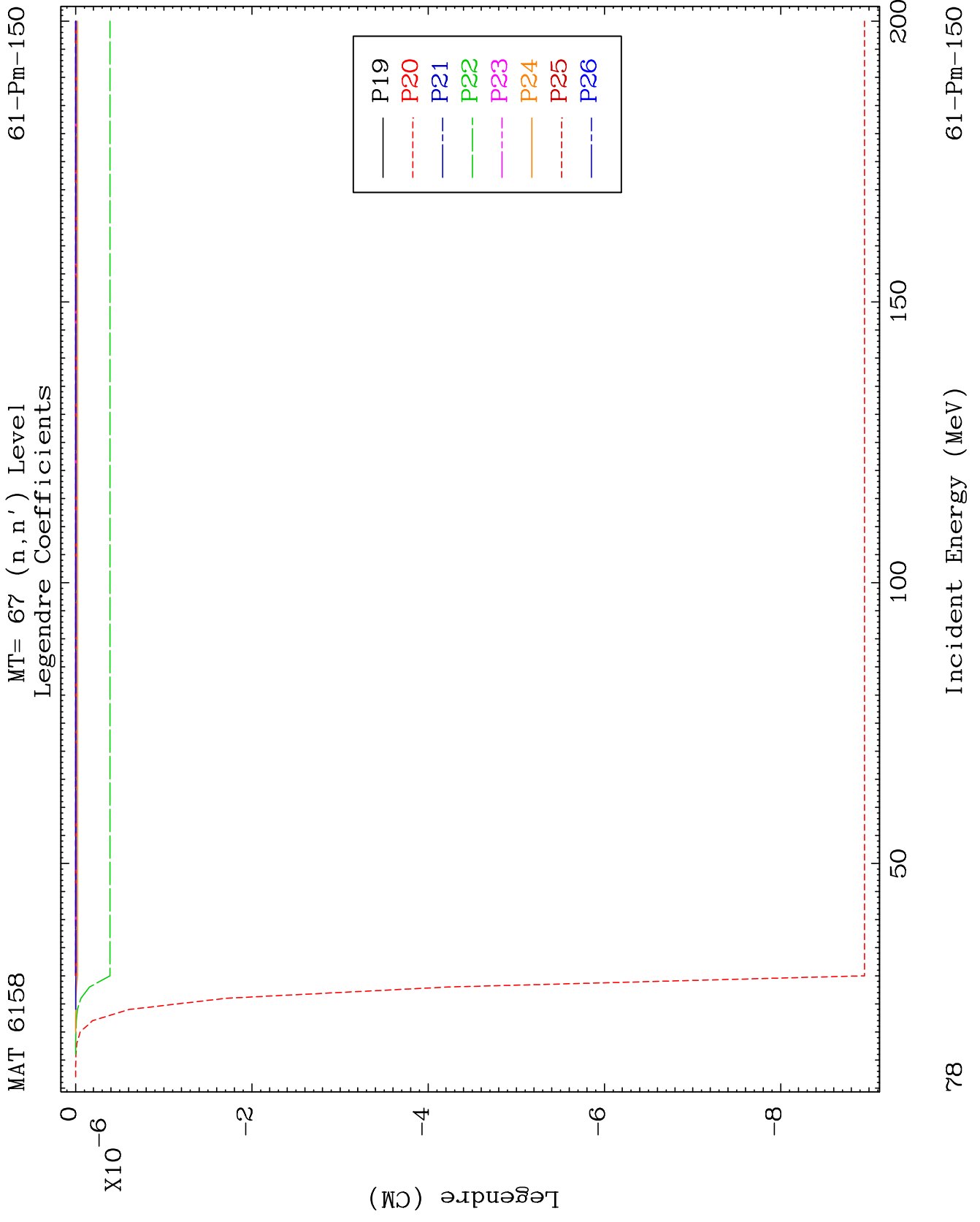
MT= 67 (n,n') Level
Legendre Coefficients

61-Pm-150



77

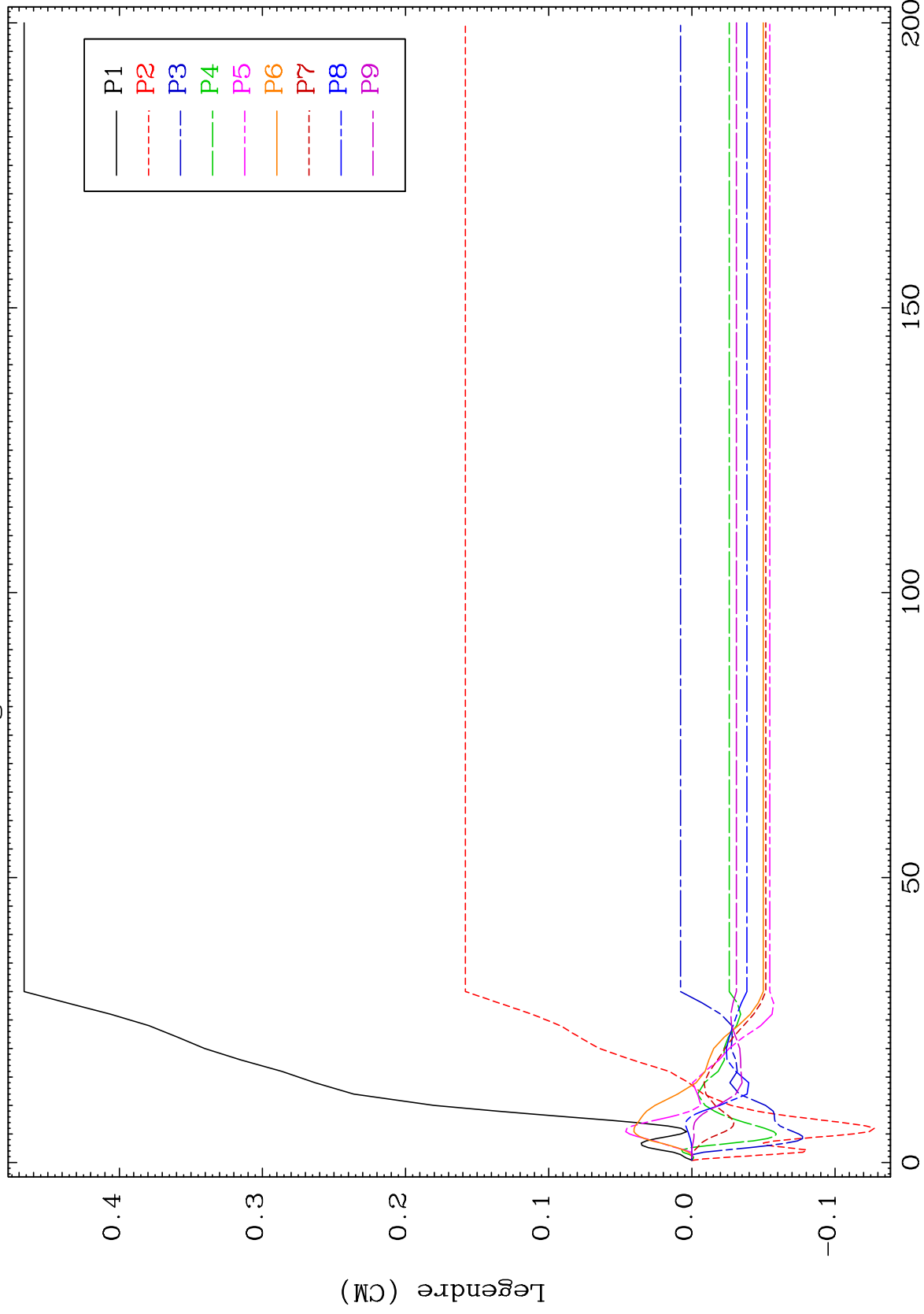
61-Pm-150



MAT 6158

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

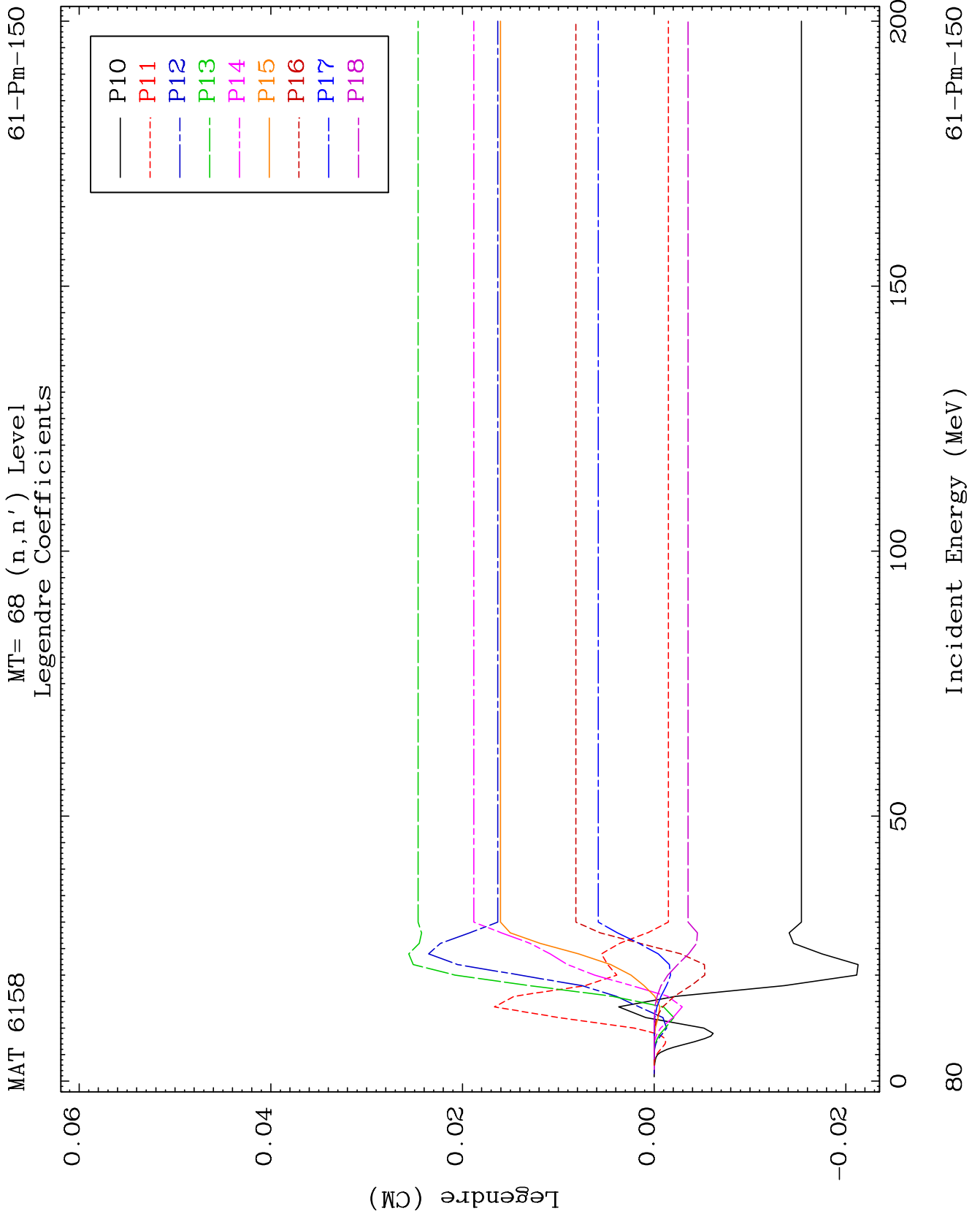
61-Pm-150



79

Incident Energy (MeV)

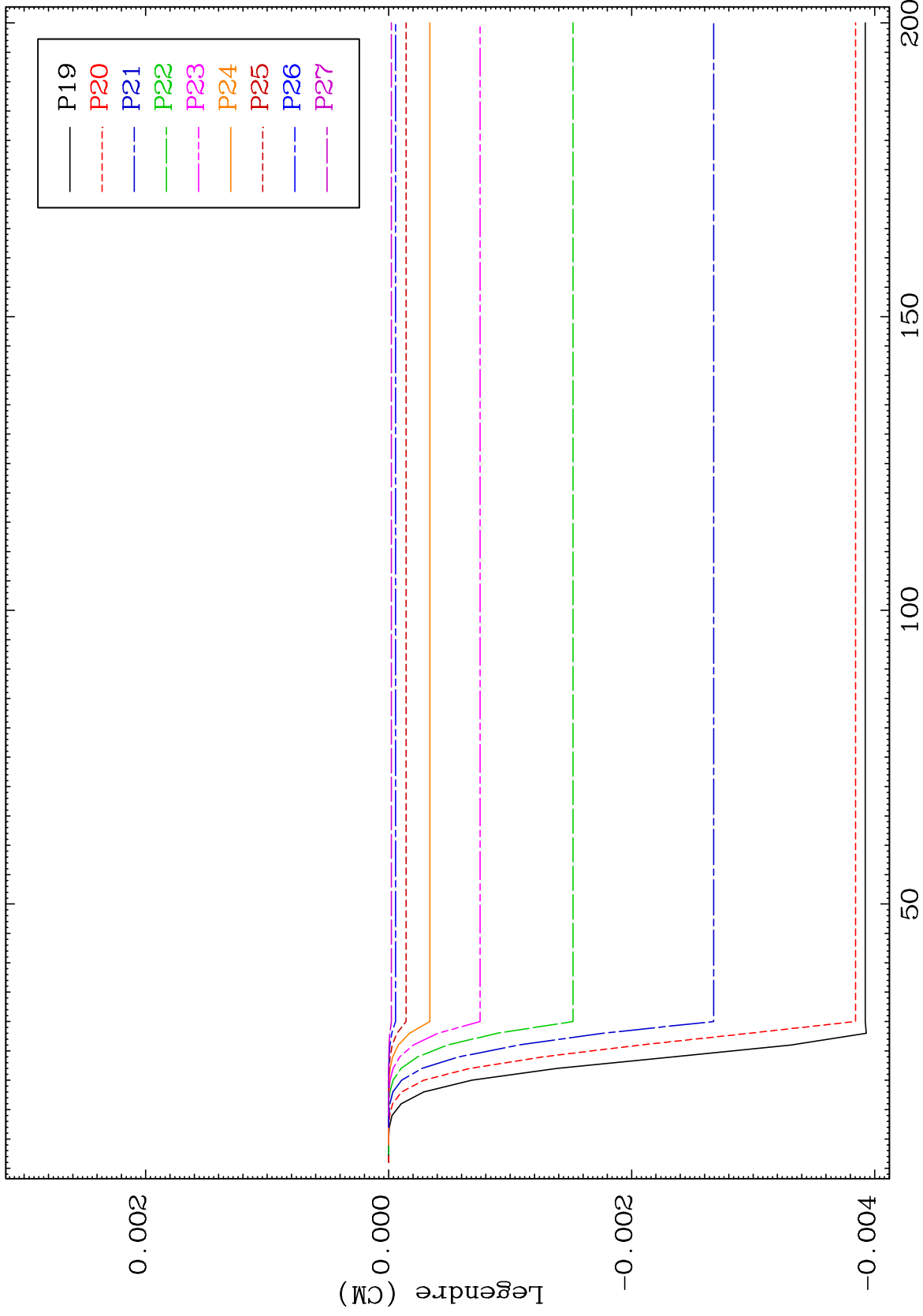
61-Pm-150



MAT 6158

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

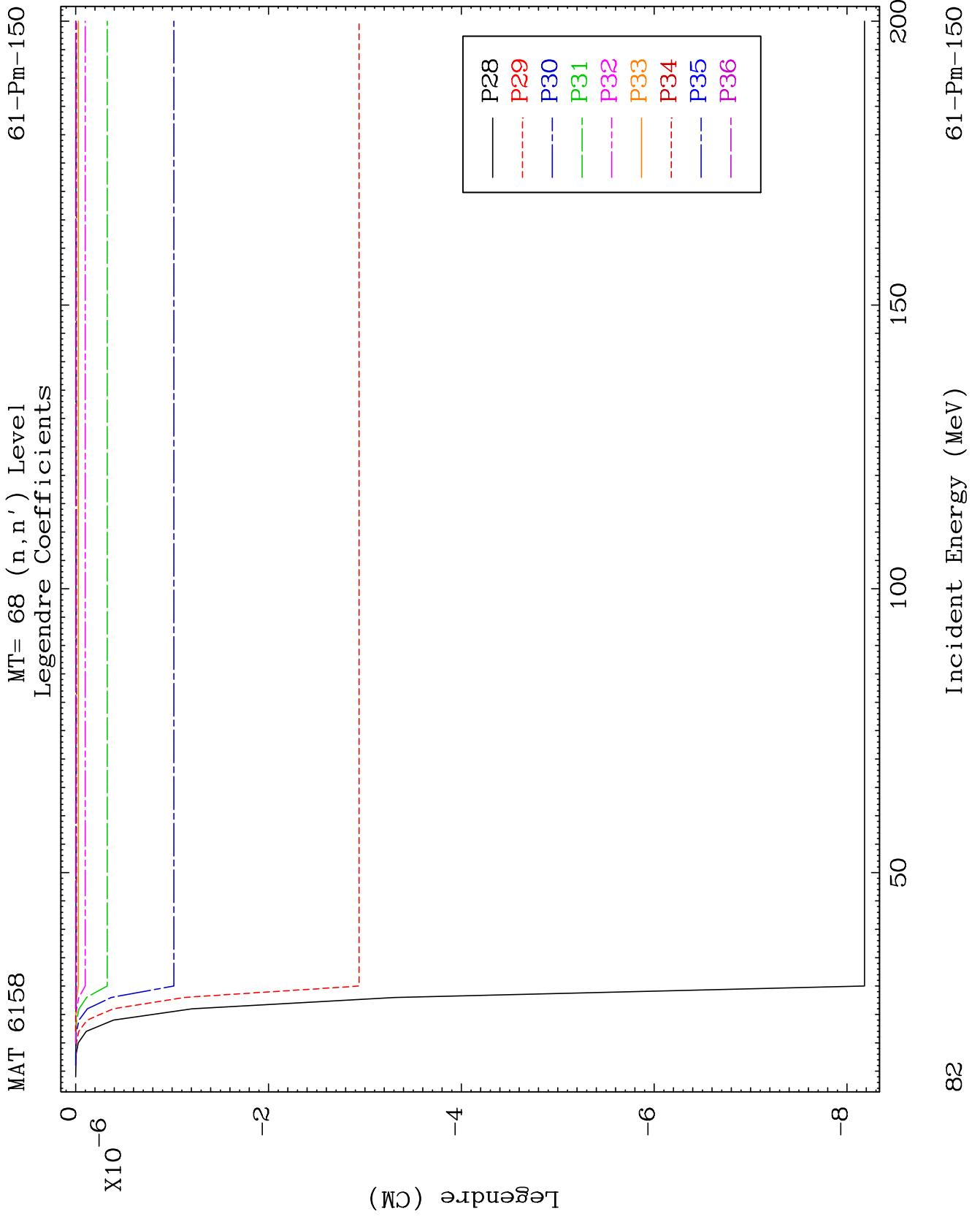
61-Pm-150

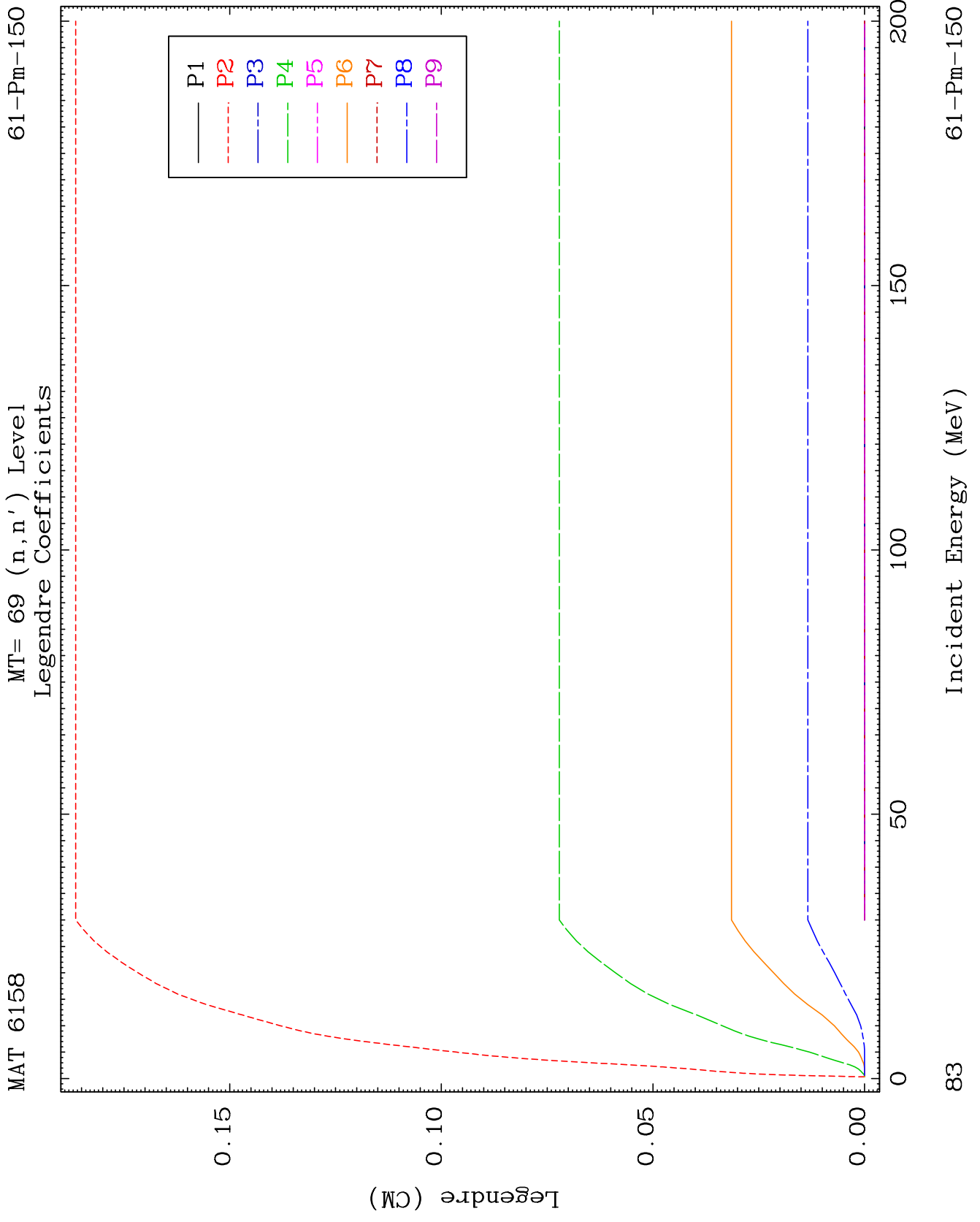


81

Incident Energy (MeV)

61-Pm-150

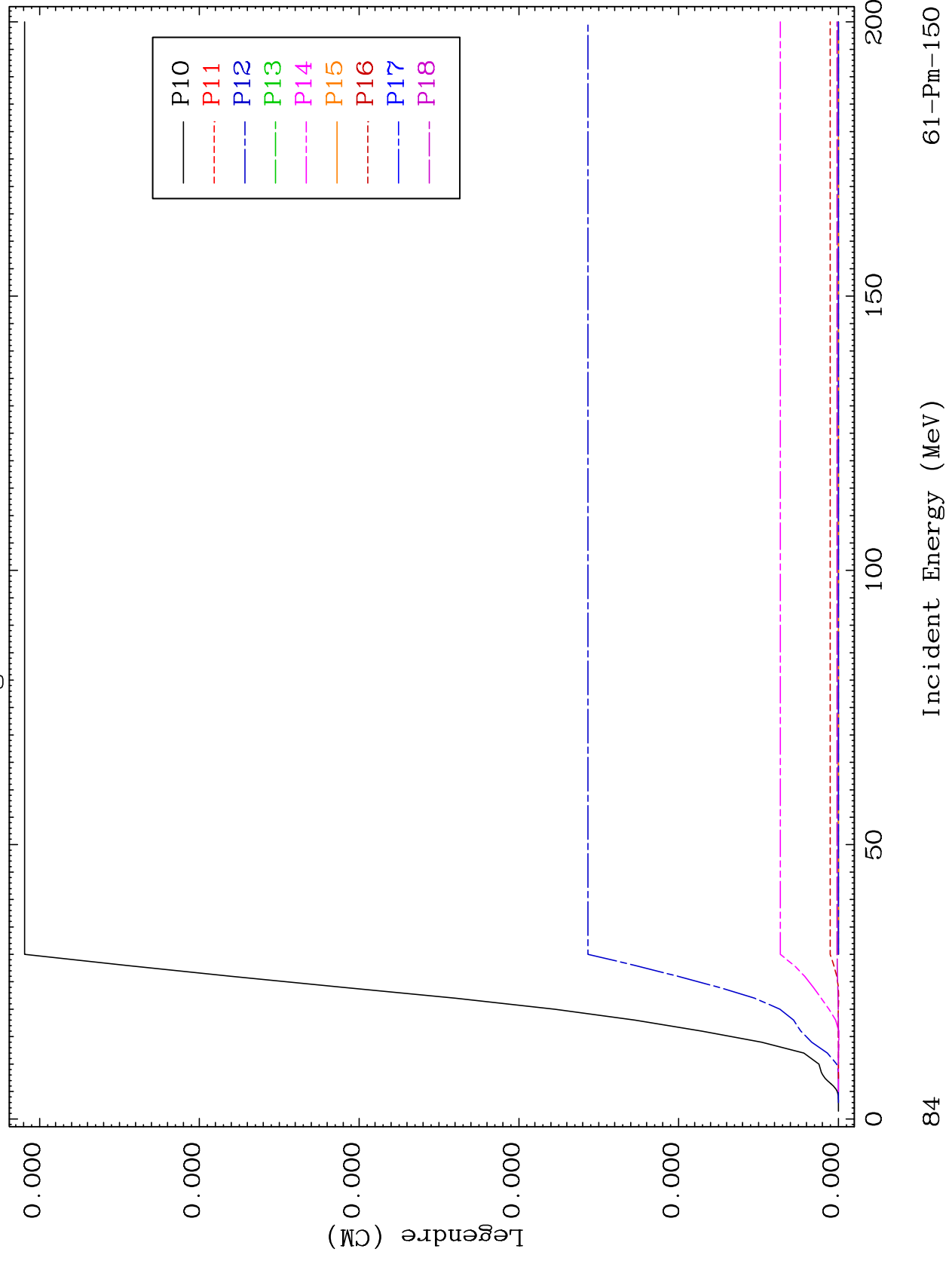




MAT 6158

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

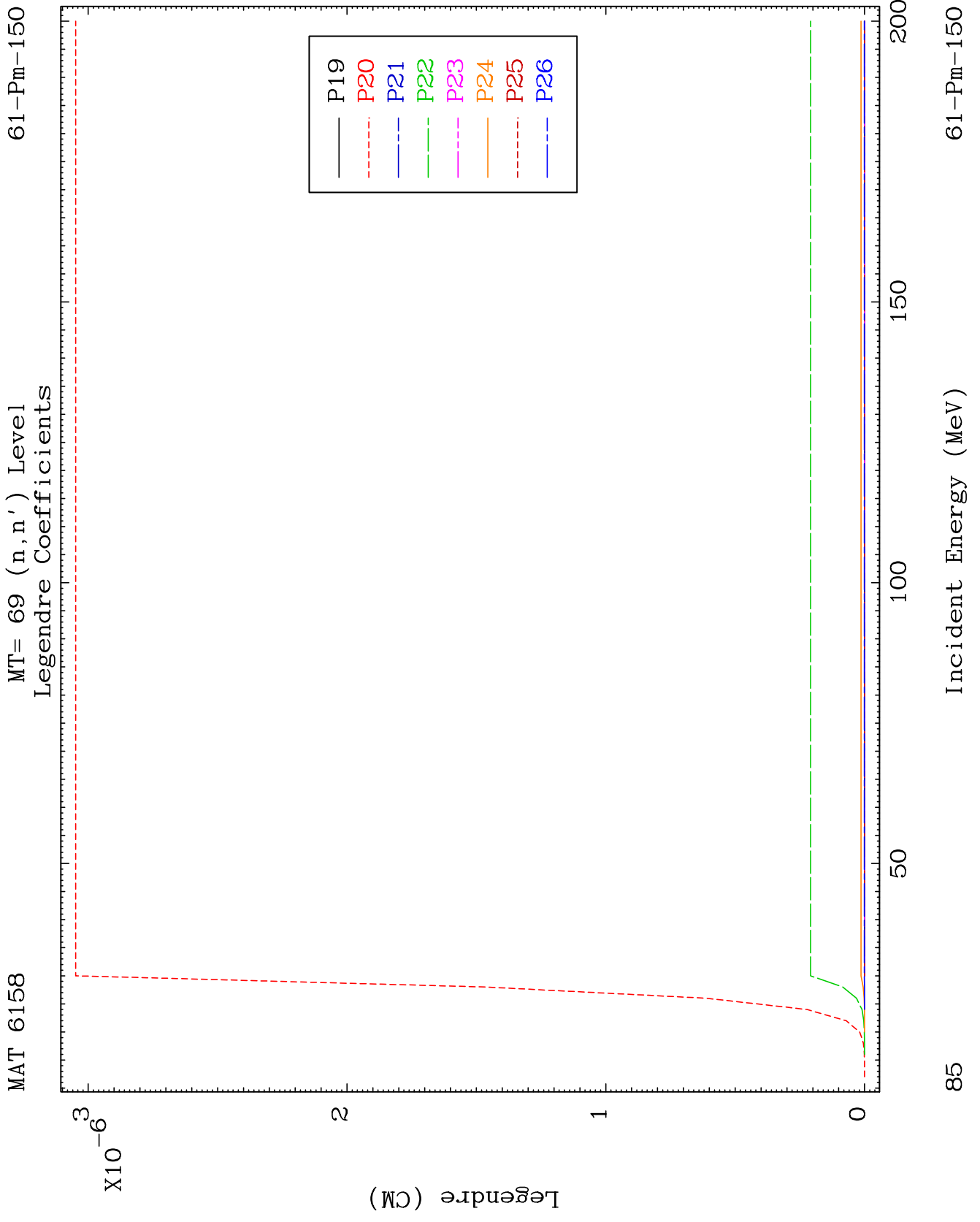
61-Pm-150

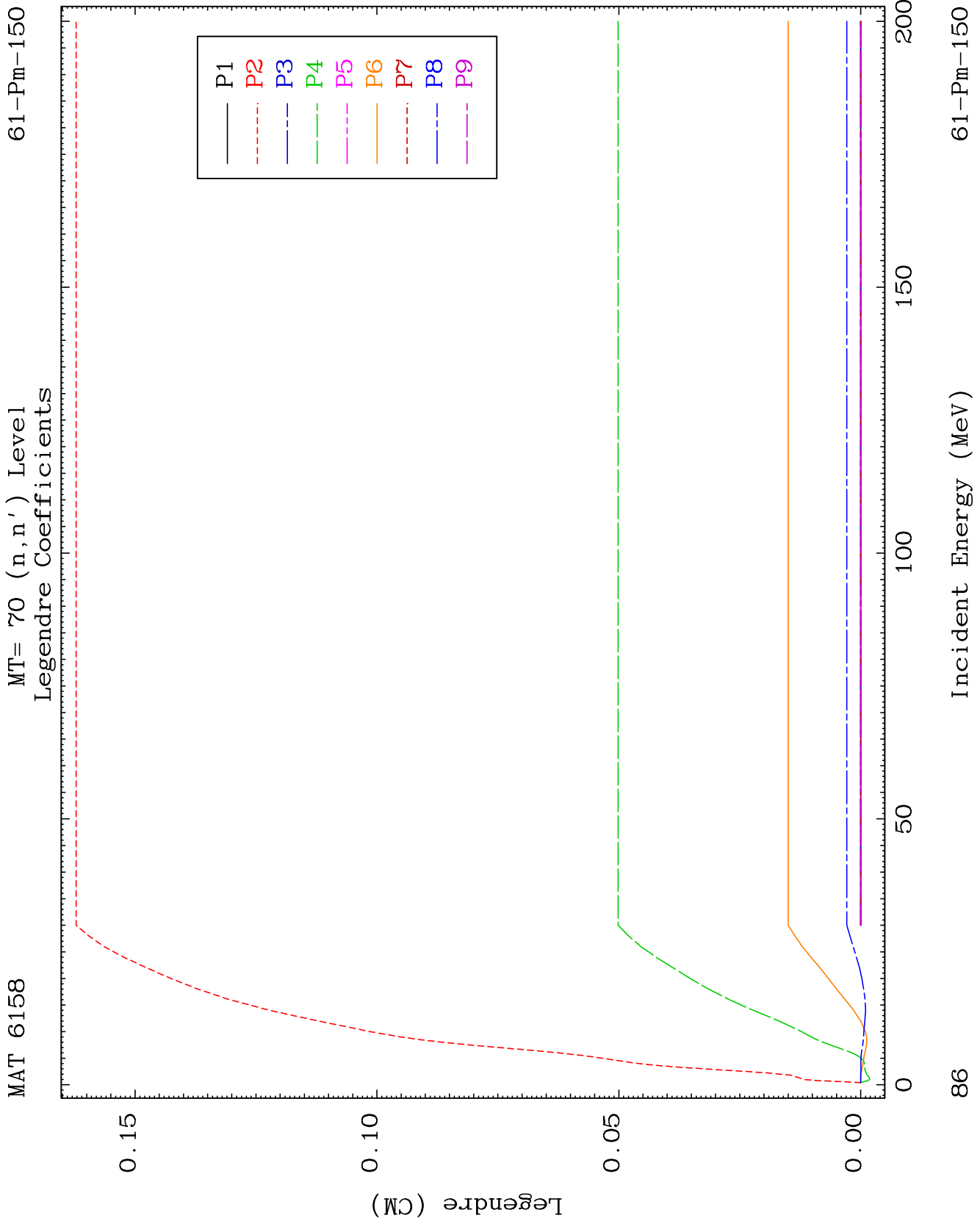


84

Incident Energy (MeV)

61-Pm-150

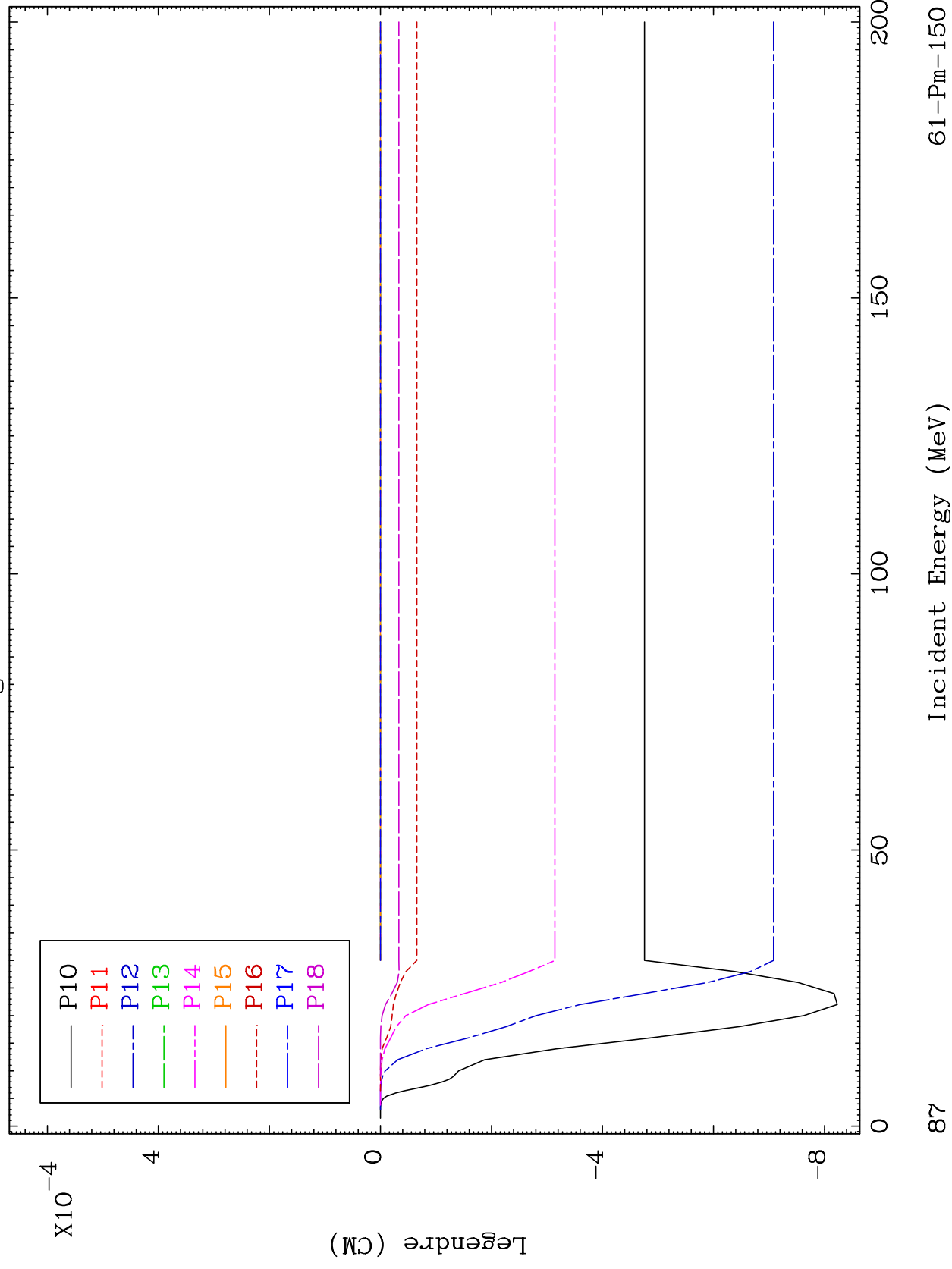




MAT 6158

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

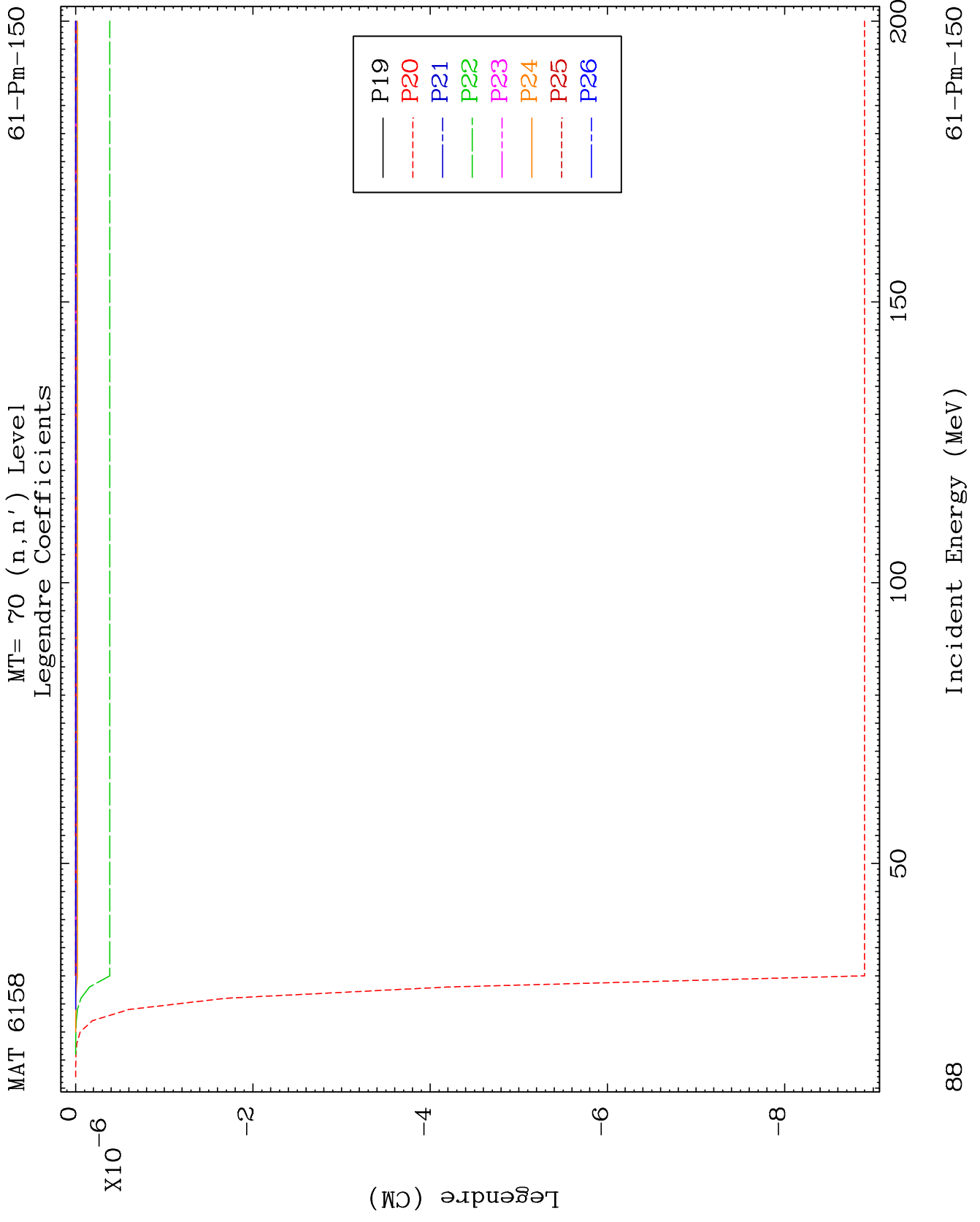
61-Pm-150

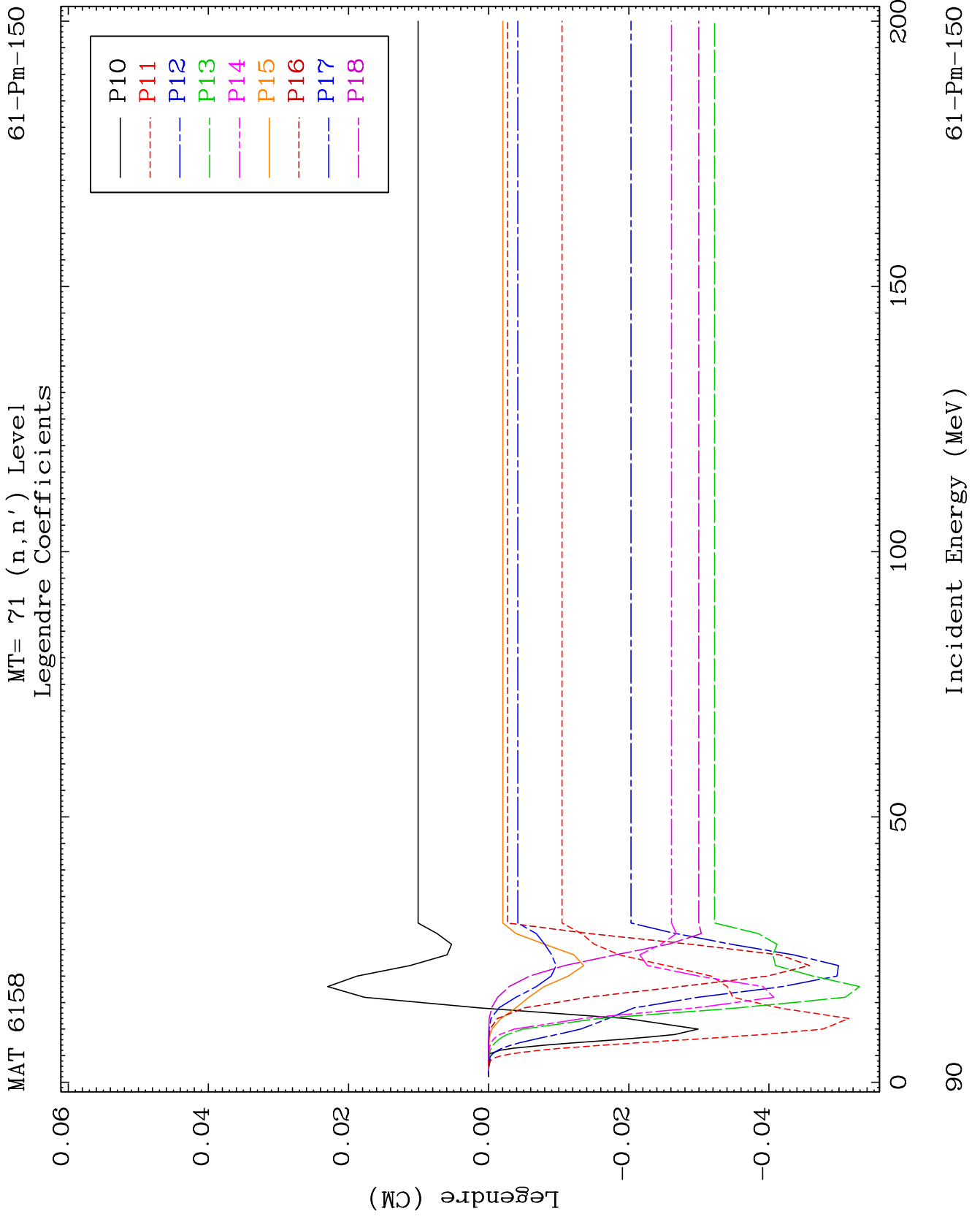


87

Incident Energy (MeV)

61-Pm-150

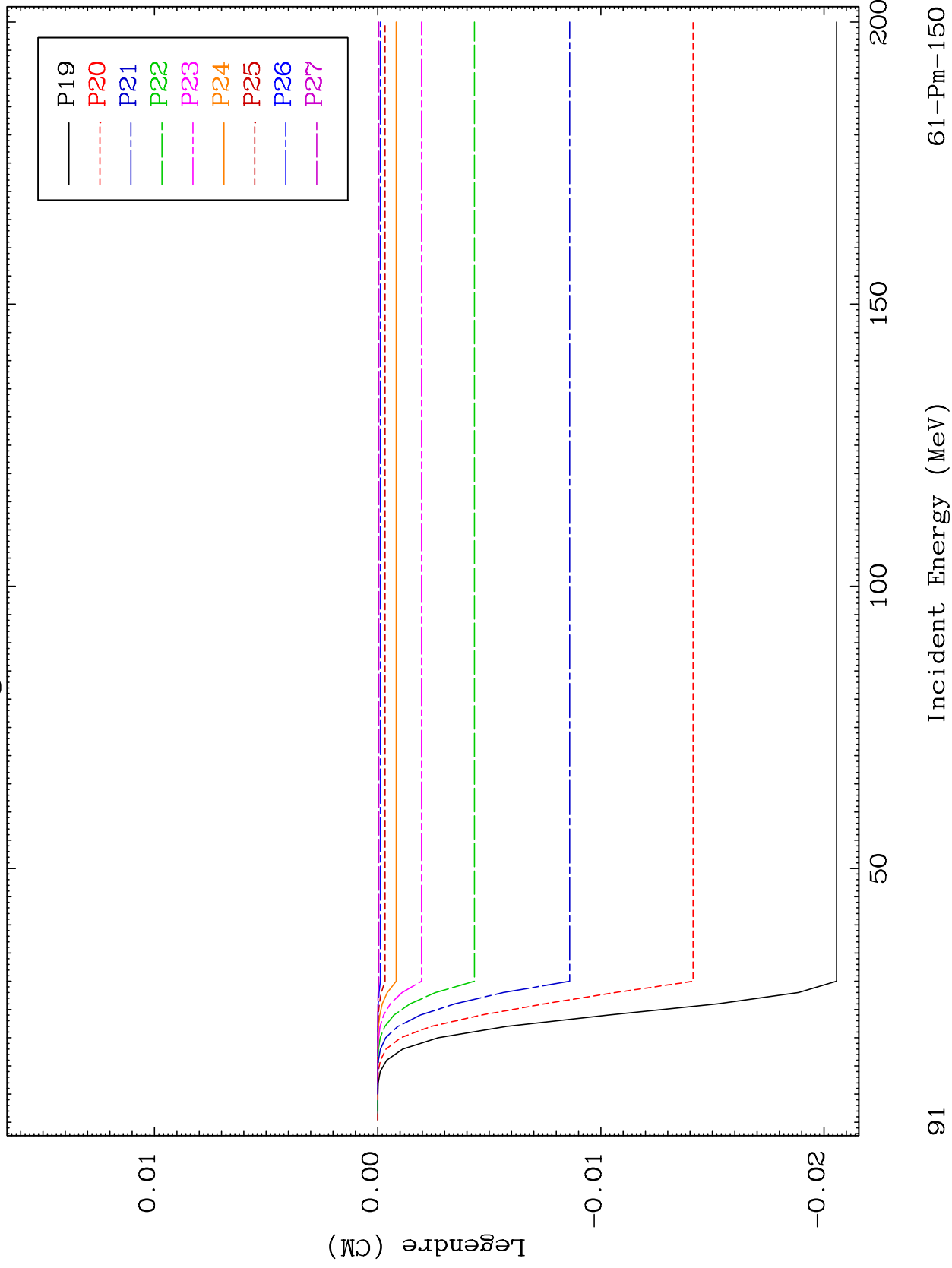




MAT 6158

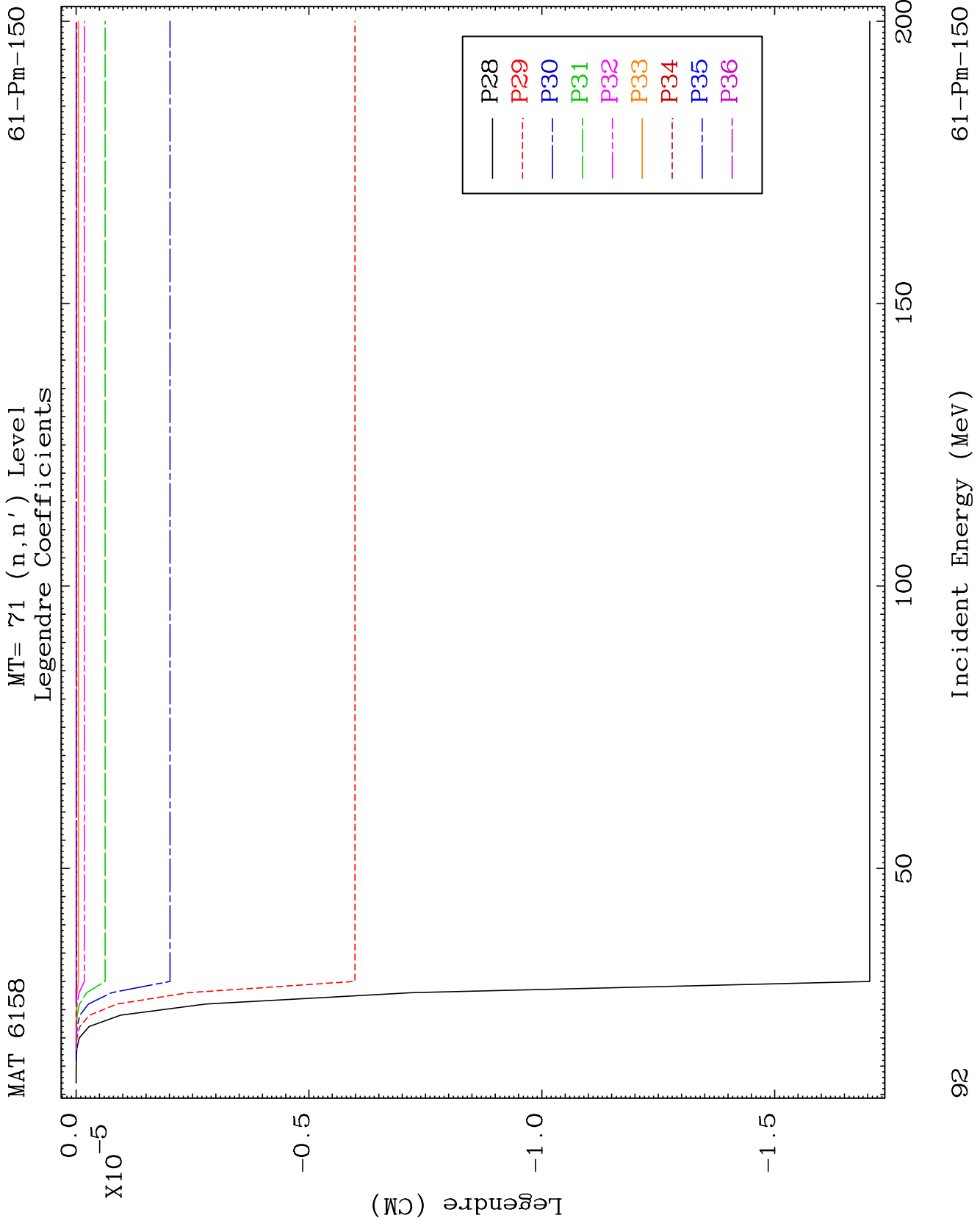
MT= 71 (n,n') Level
Legendre Coefficients

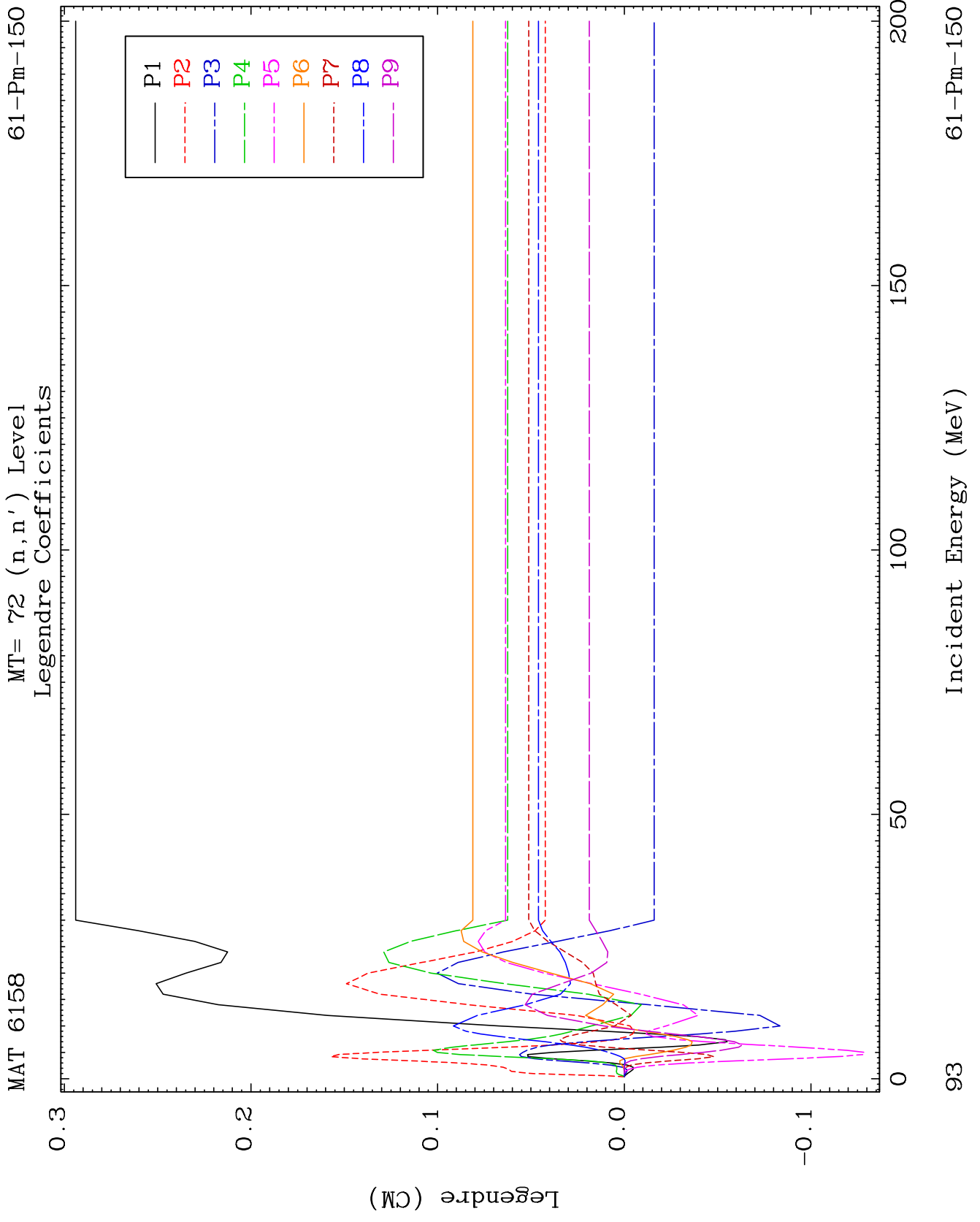
61-Pm-150



91

61-Pm-150

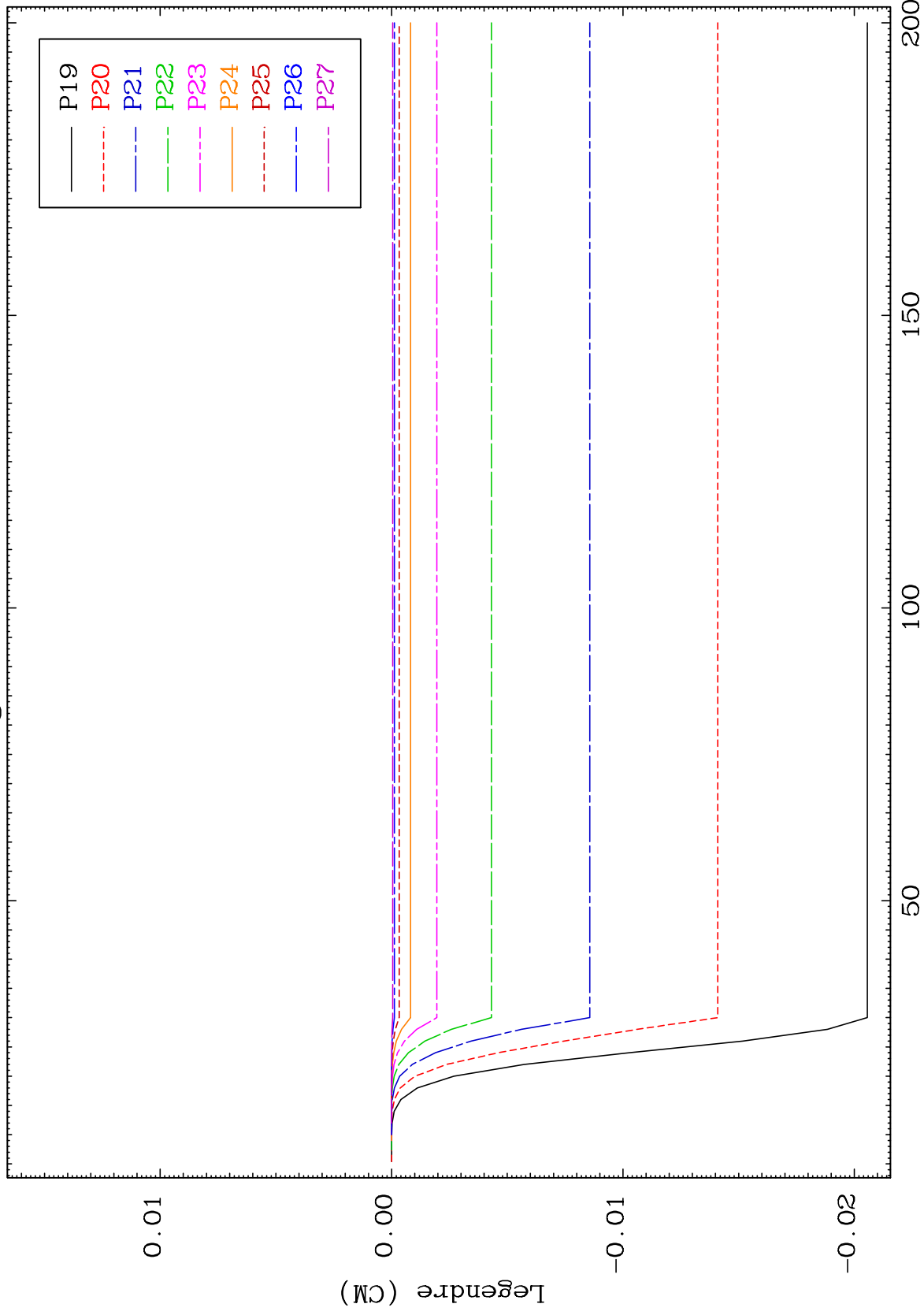




MAT 6158

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

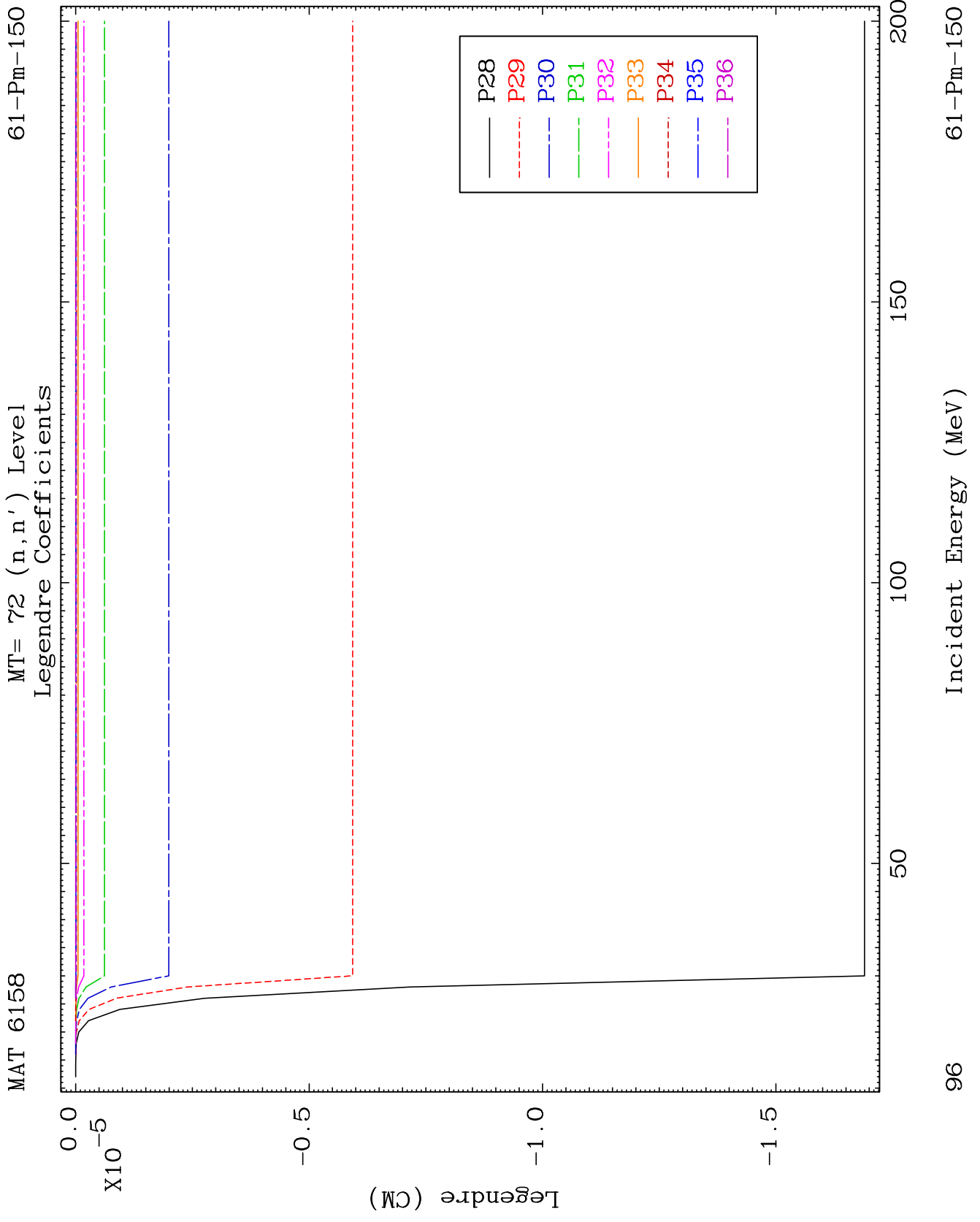
61-Pm-150



95

Incident Energy (MeV)

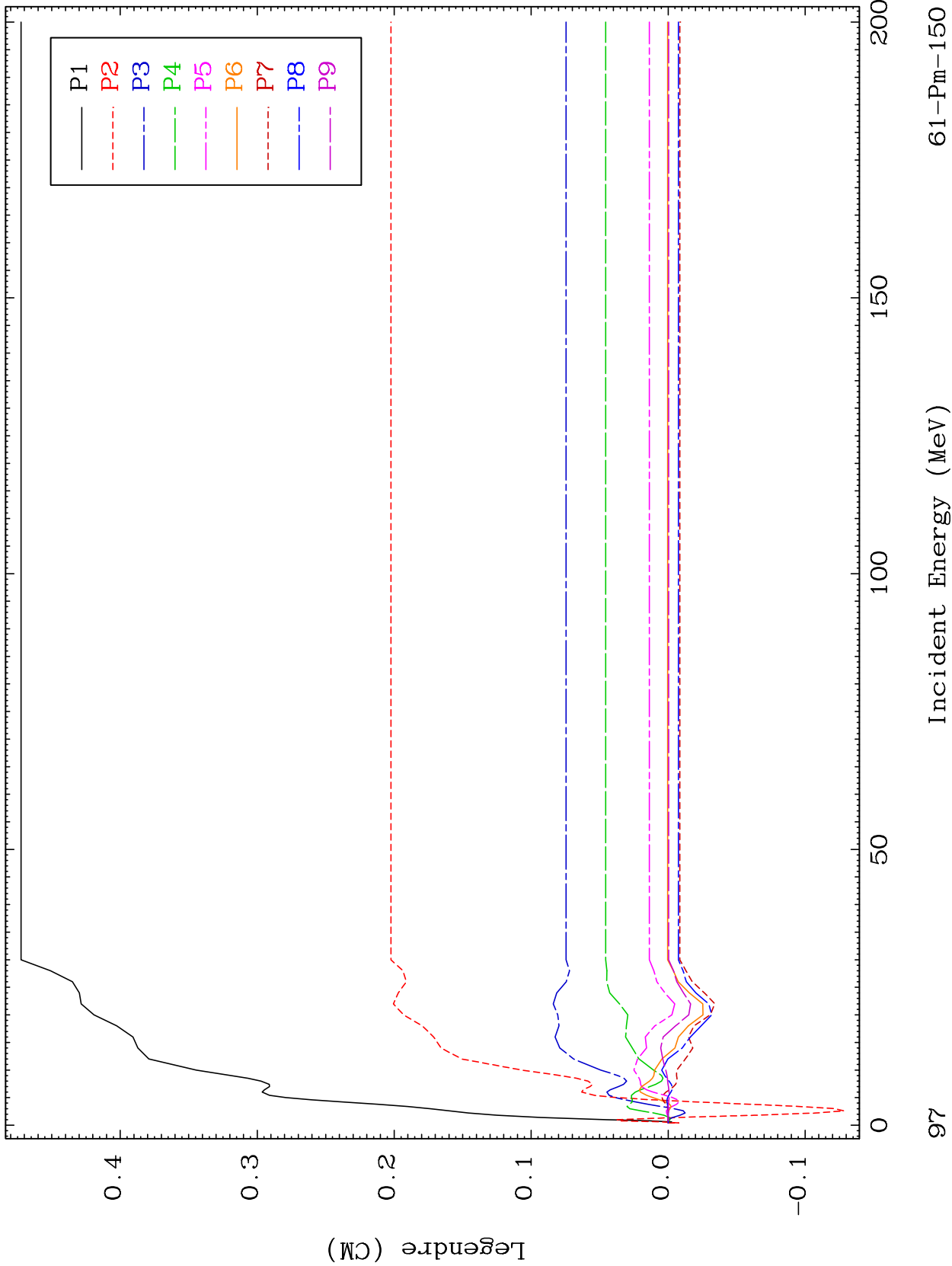
61-Pm-150



MAT 6158

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

61-Pm-150



61-Pm-150

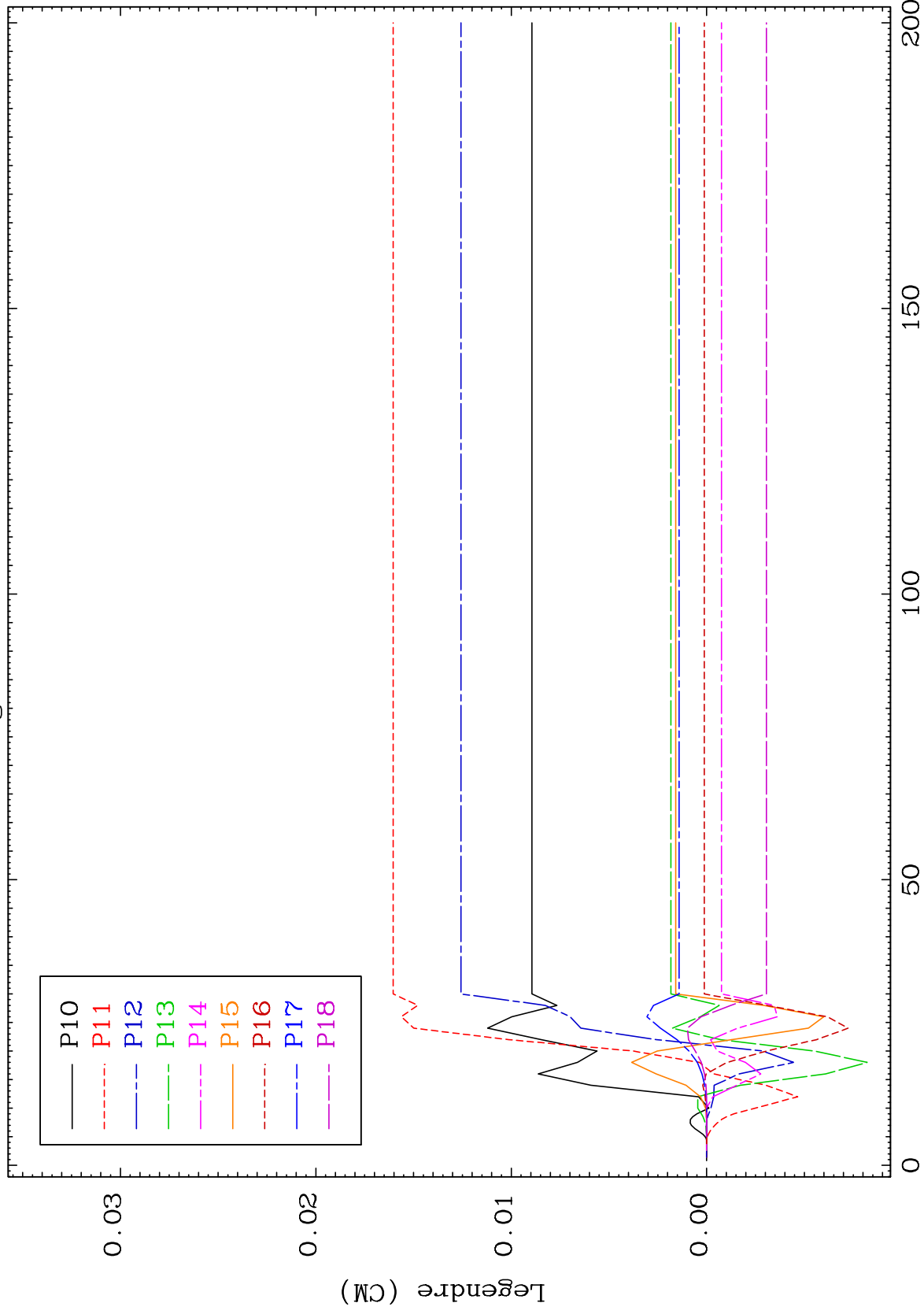
Incident Energy (MeV)

97

MAT 6158

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

61-Pm-150



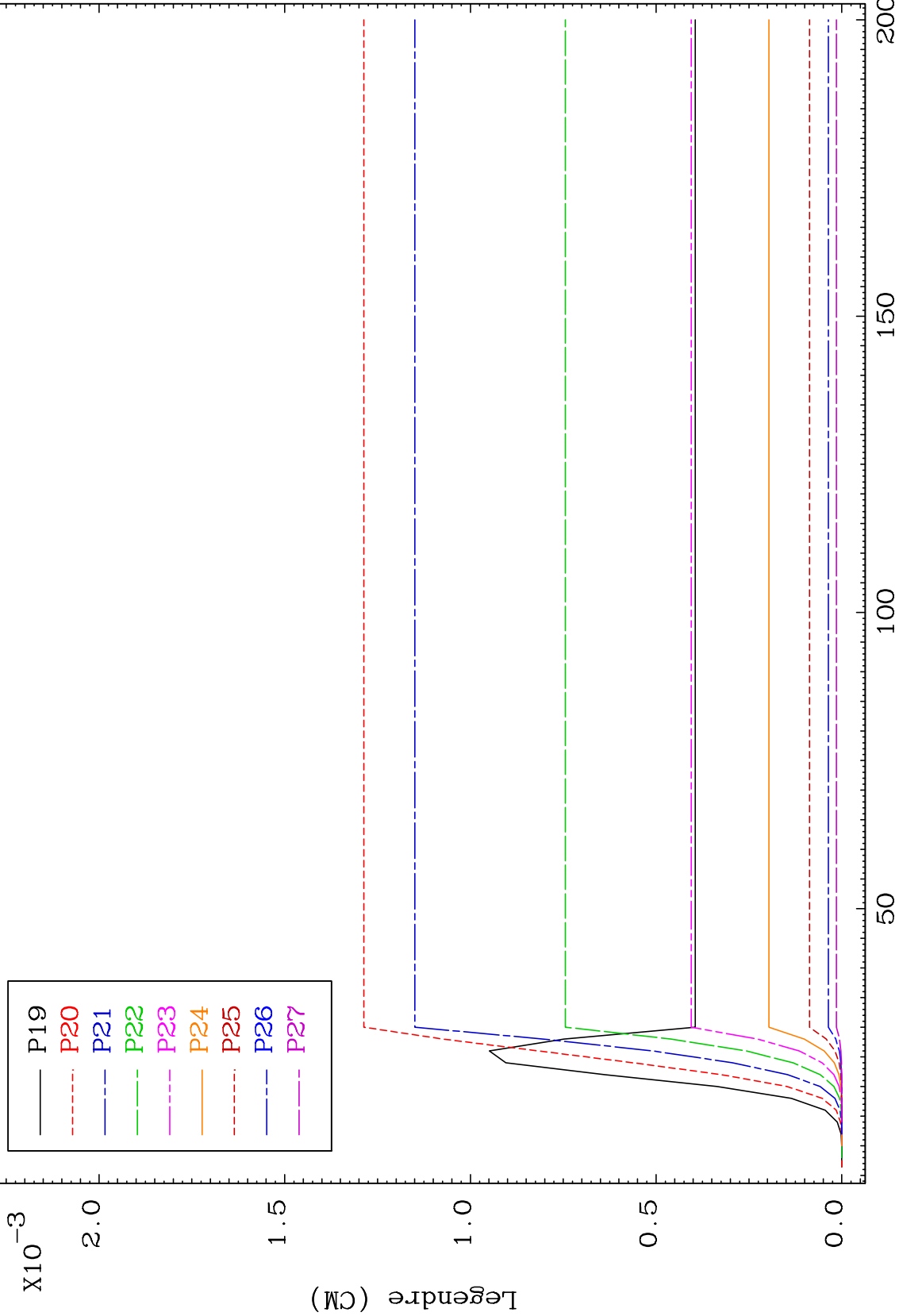
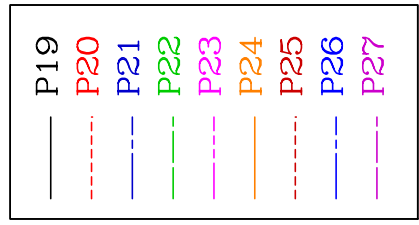
98

61-Pm-150

MAT 6158

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

61-Pm-150



99

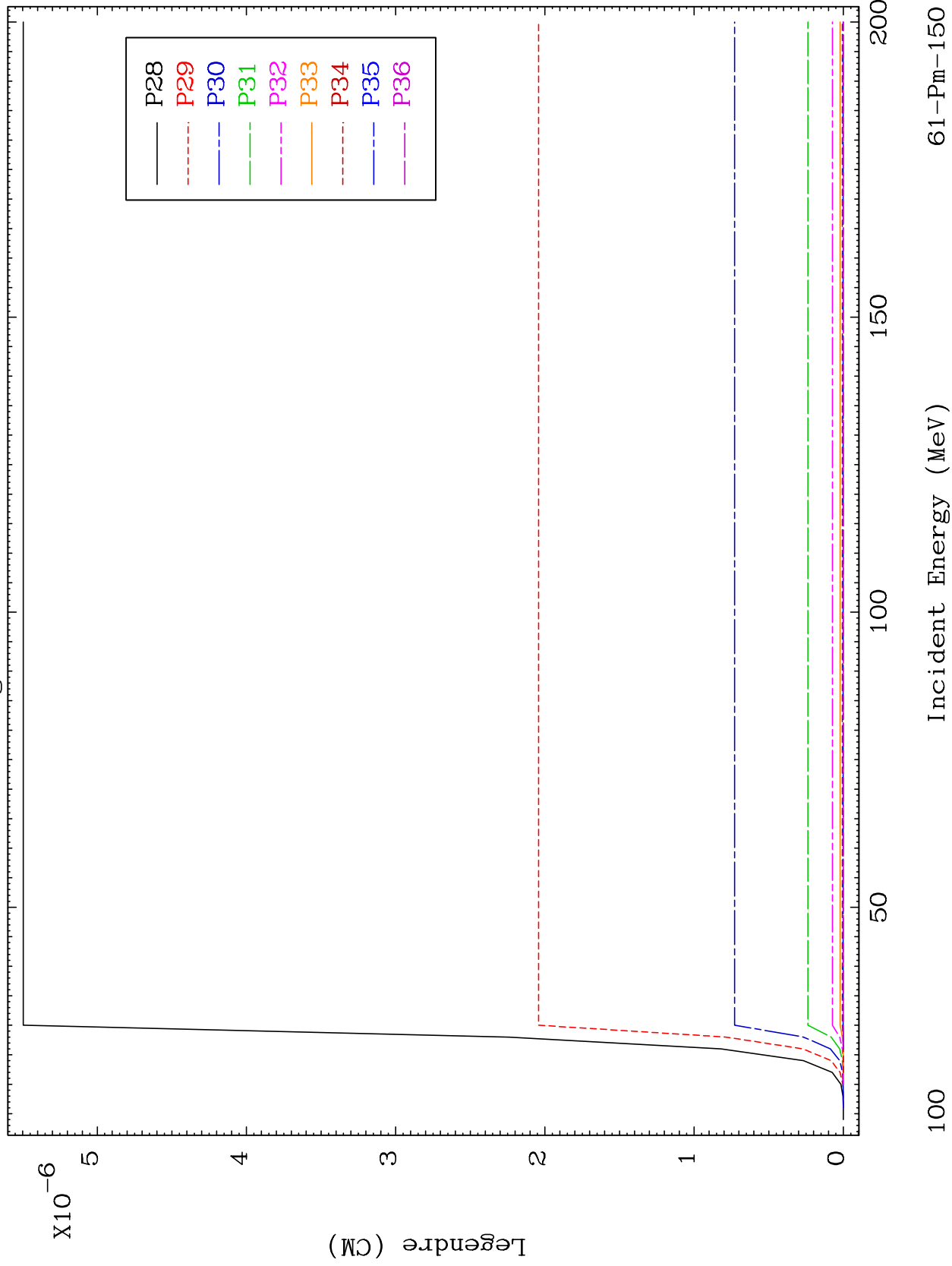
Incident Energy (MeV)

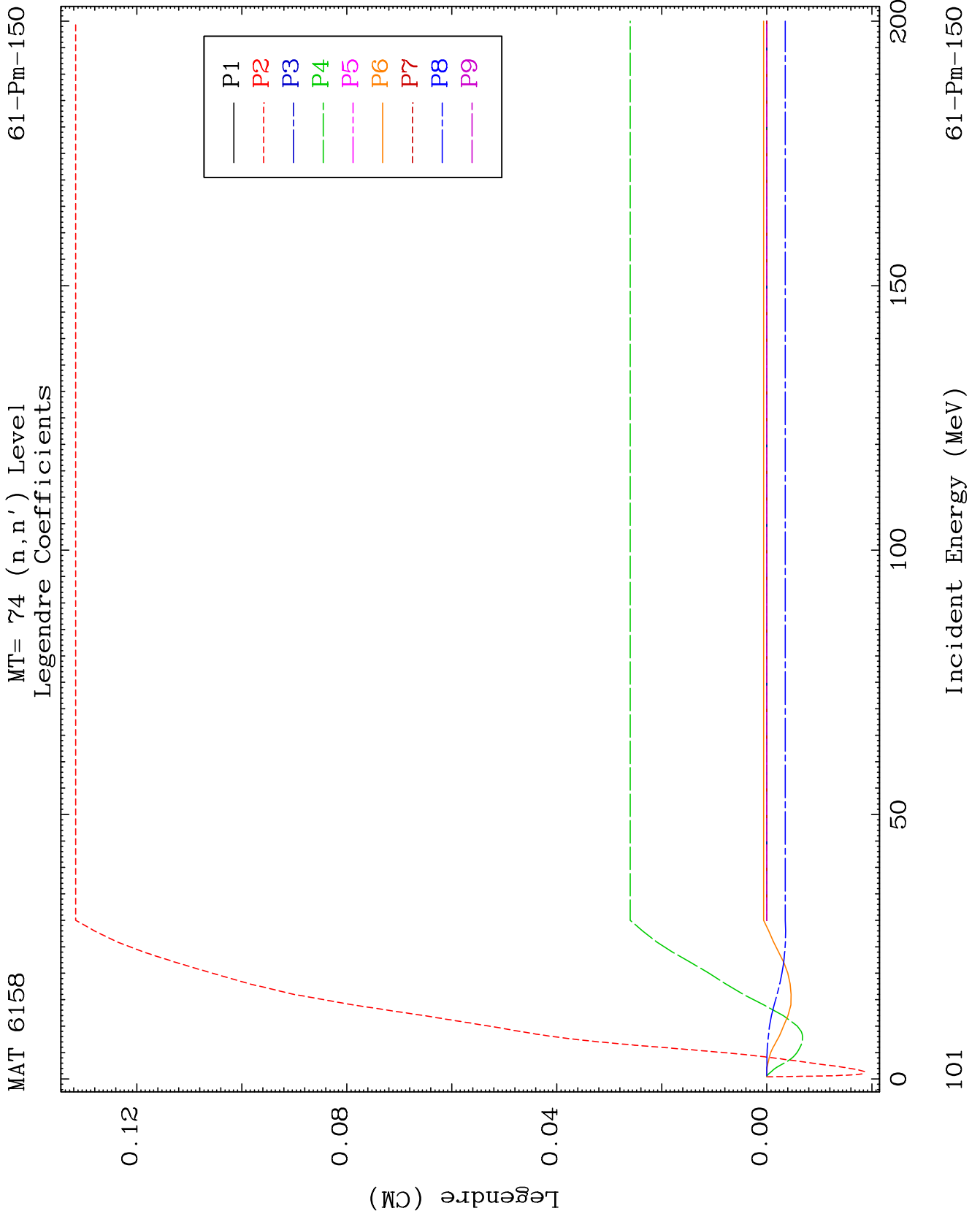
61-Pm-150

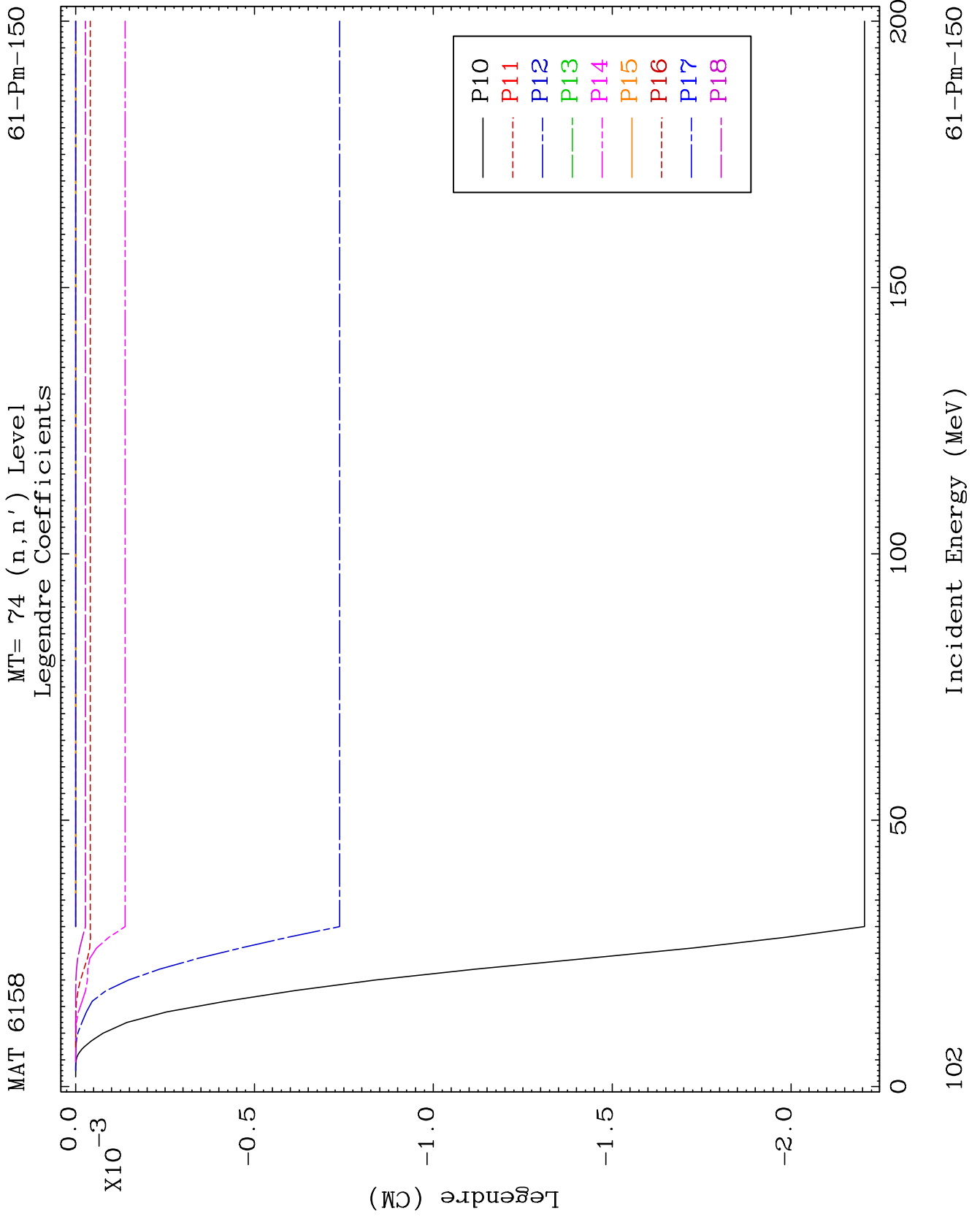
MAT 6158

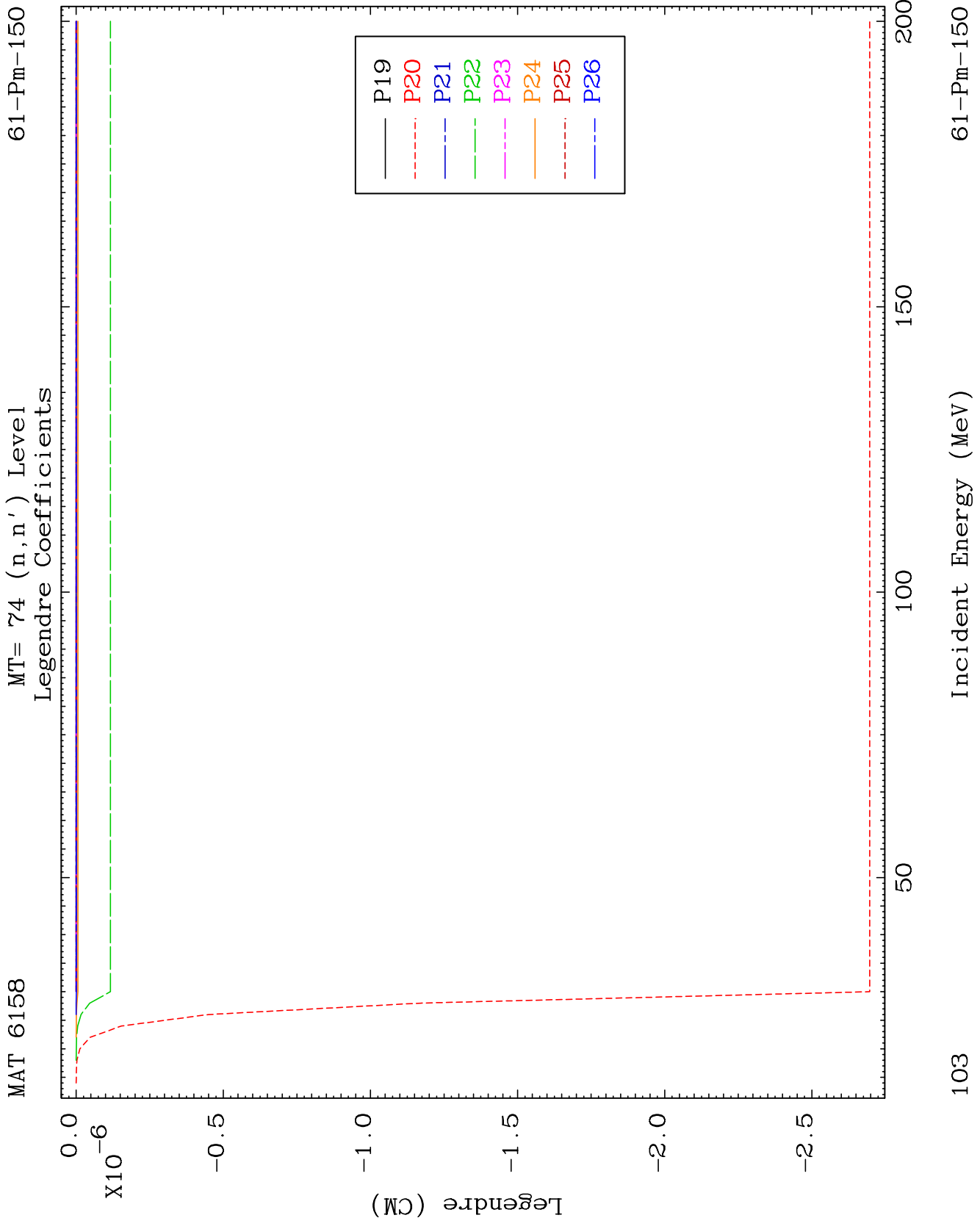
MT= 73 (n,n') Level
Legendre Coefficients

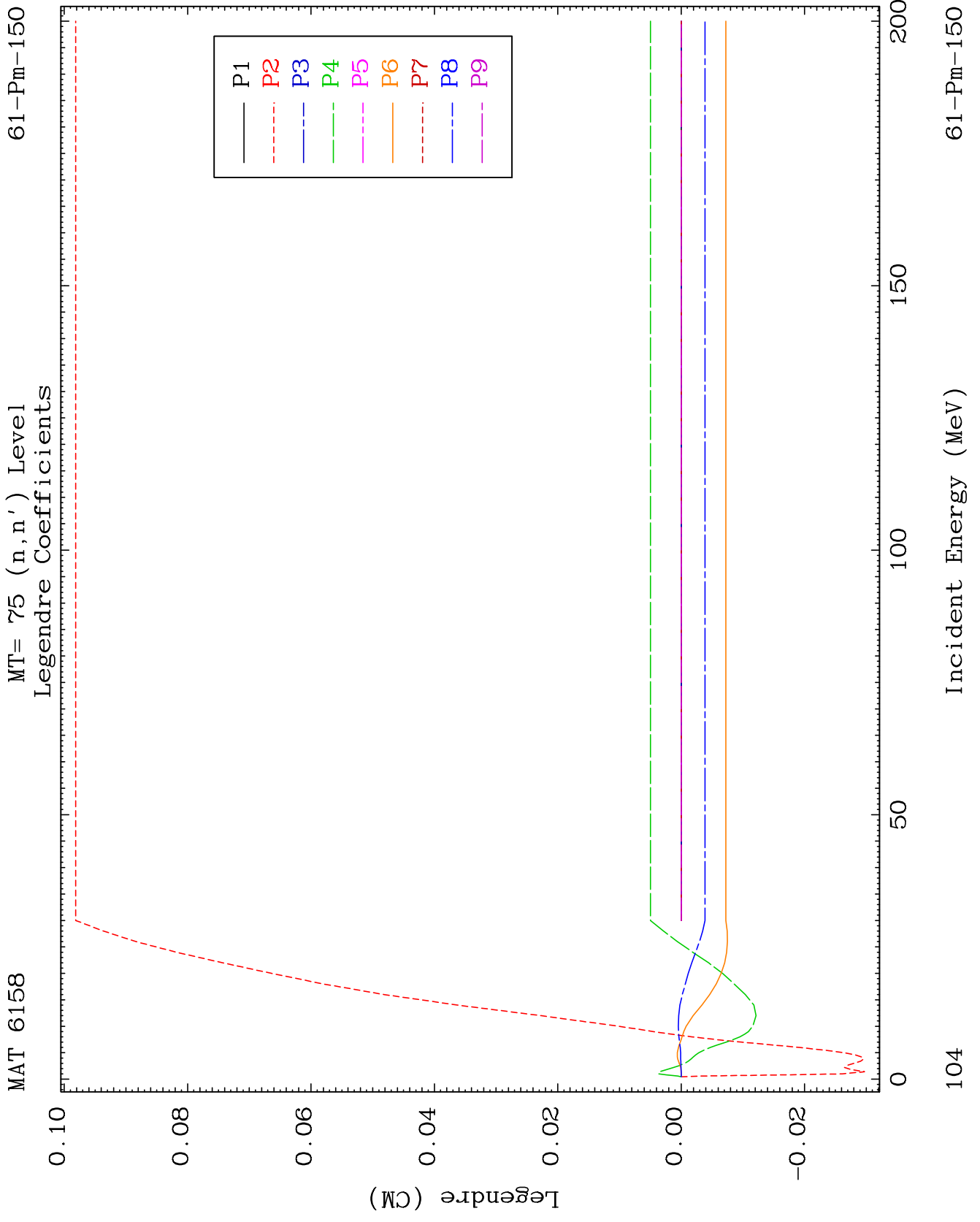
61-Pm-150







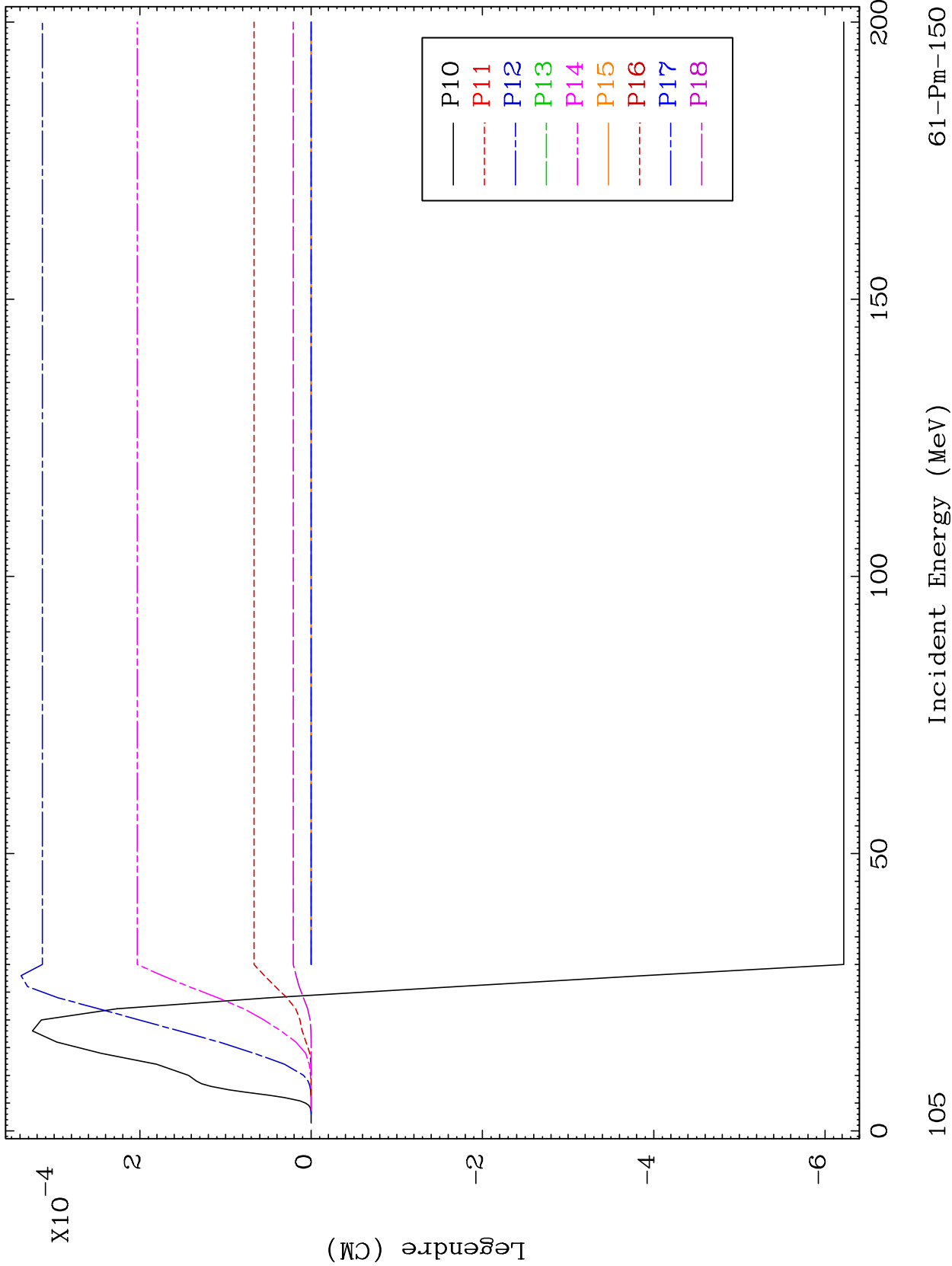


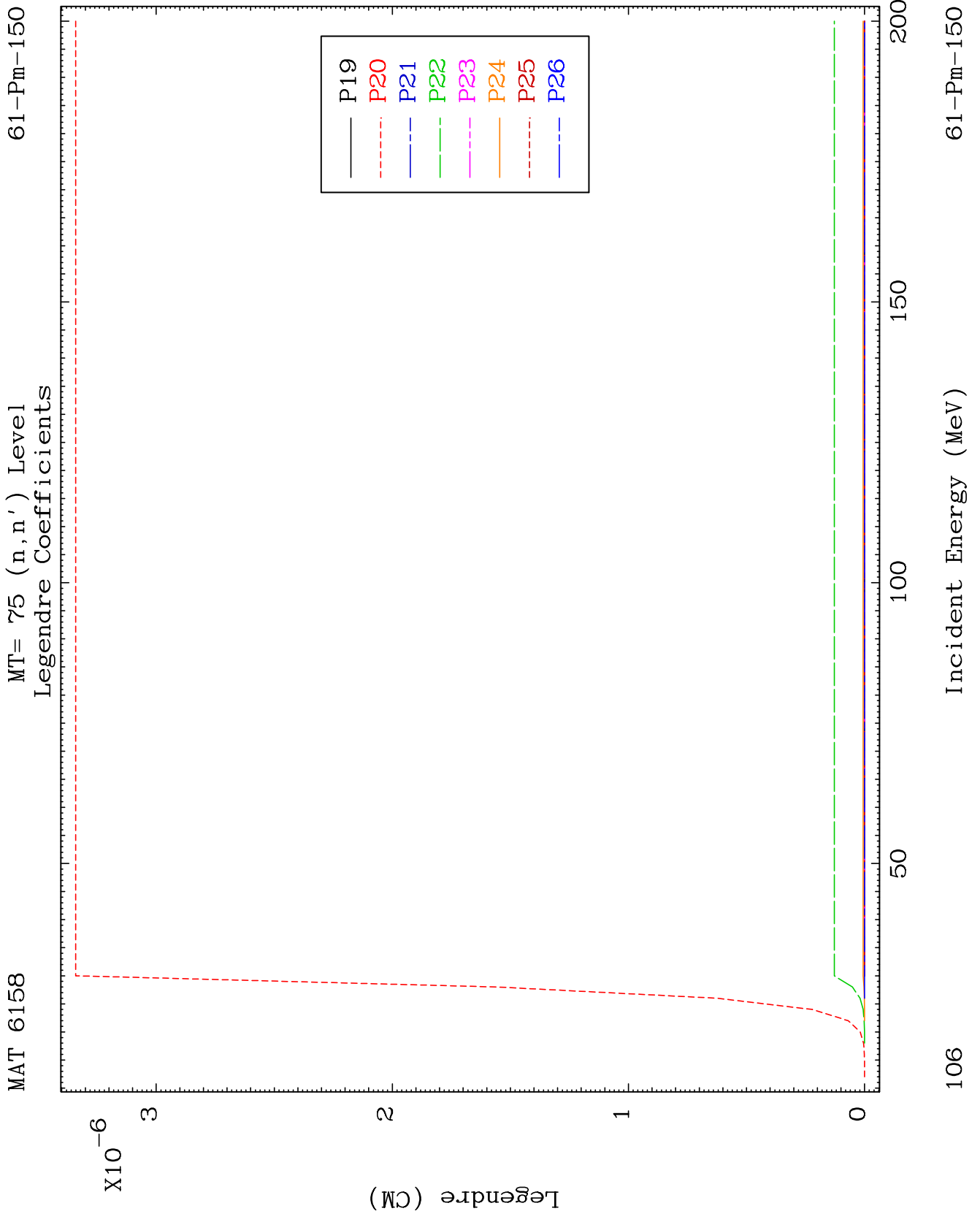


MAT 6158

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

61-Pm-150

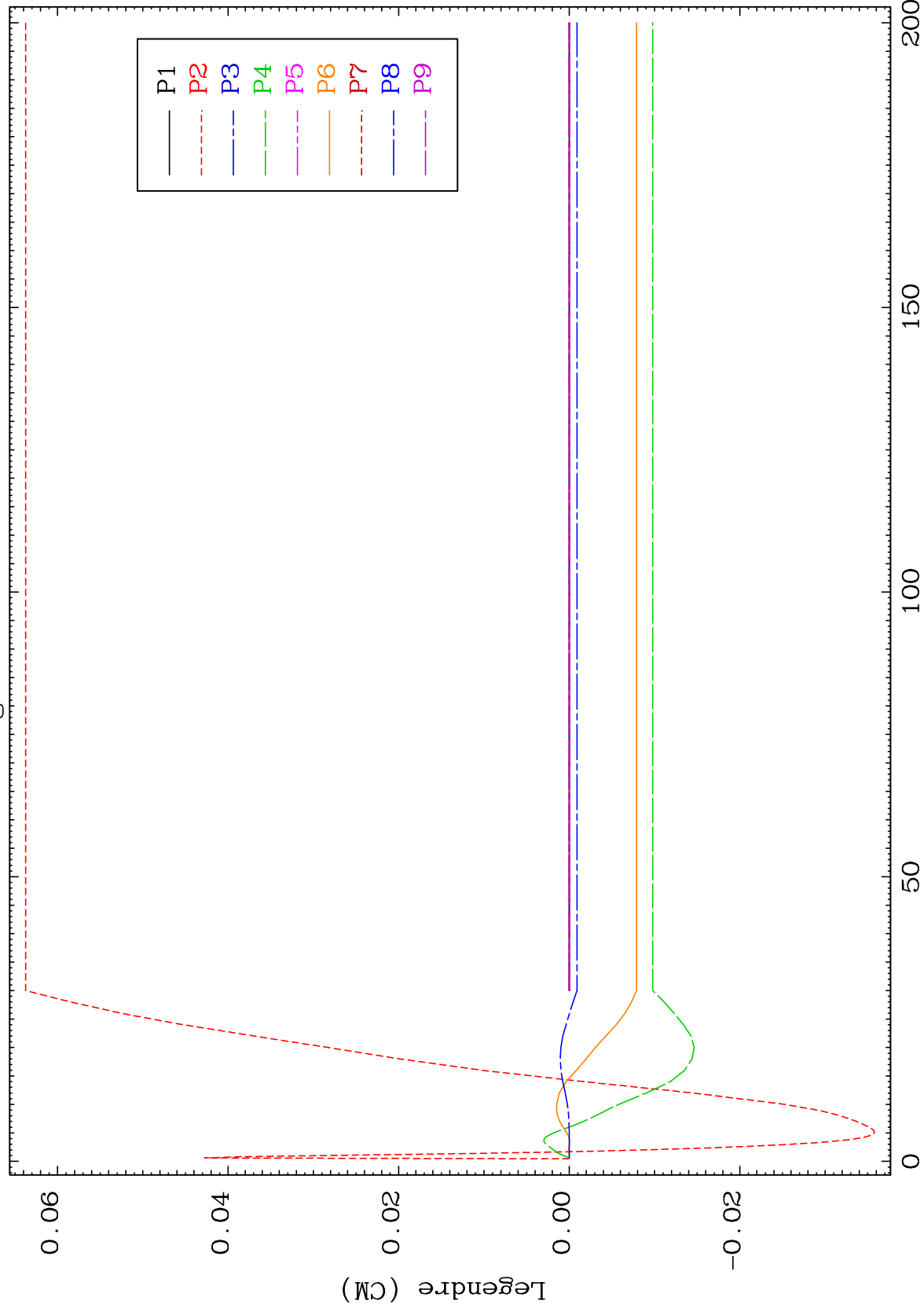




MAT 6158

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

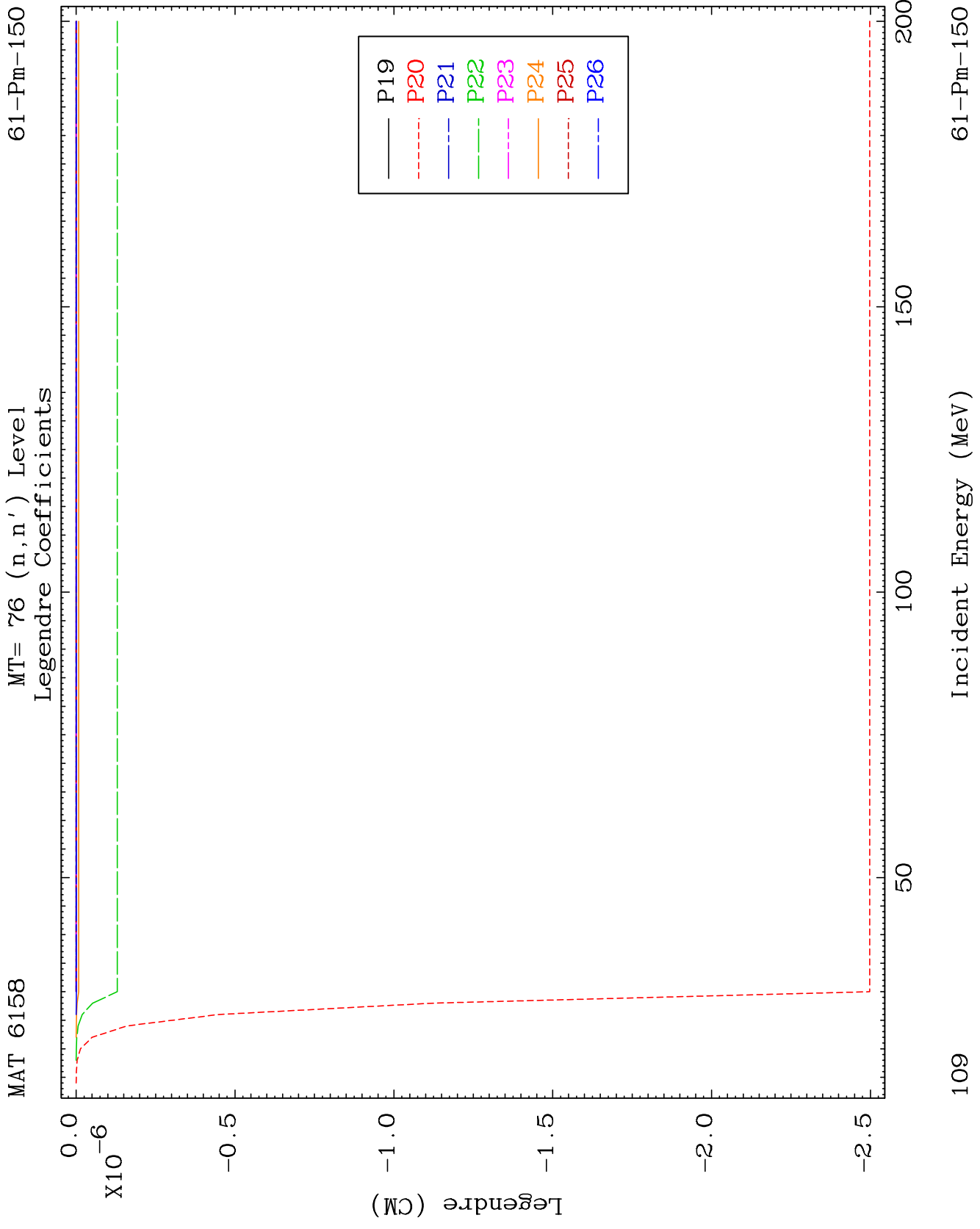
61-Pm-150



61-Pm-150

Incident Energy (MeV)

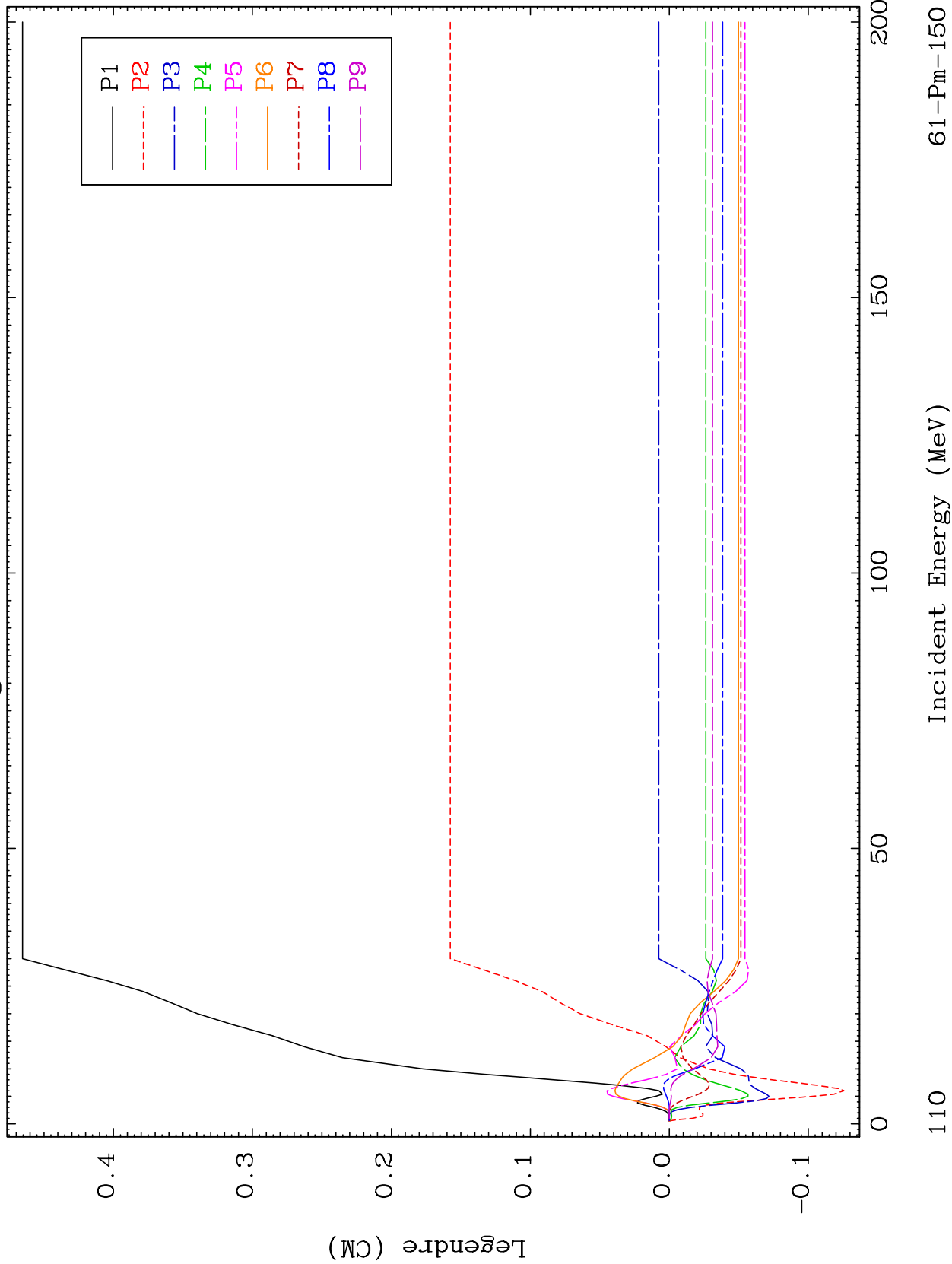
107

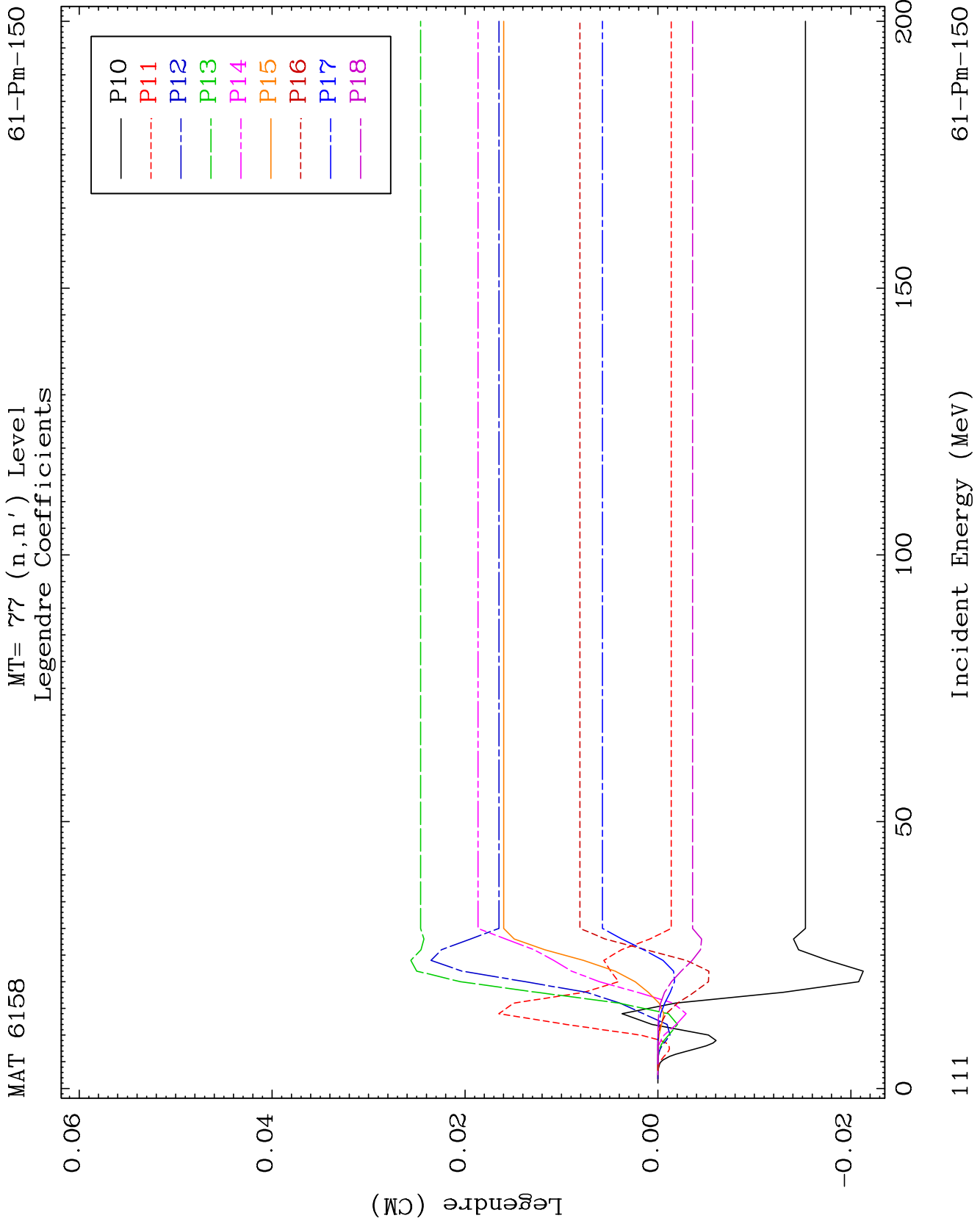


MAT 6158

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

61-Pm-150

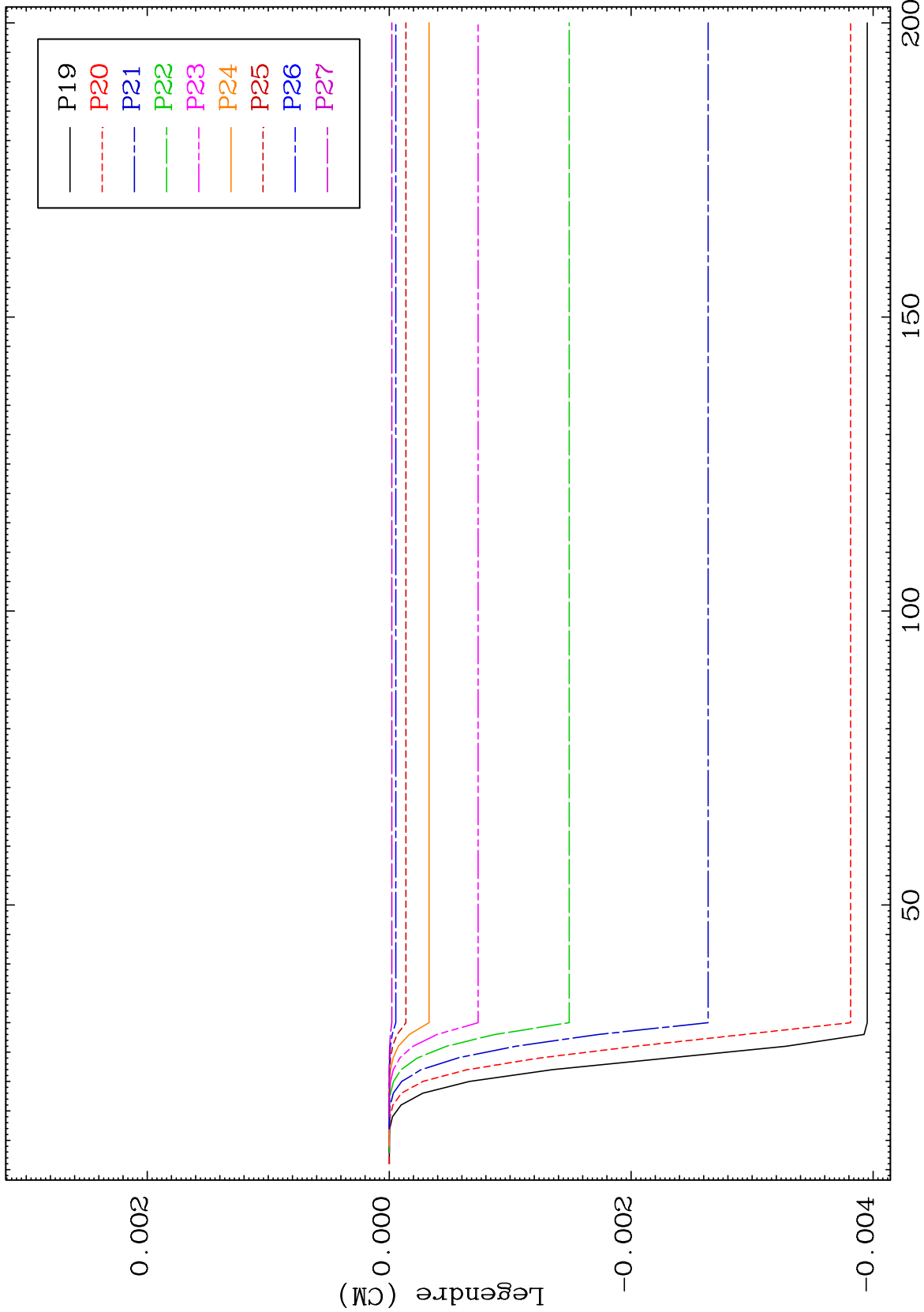




MAT 6158

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

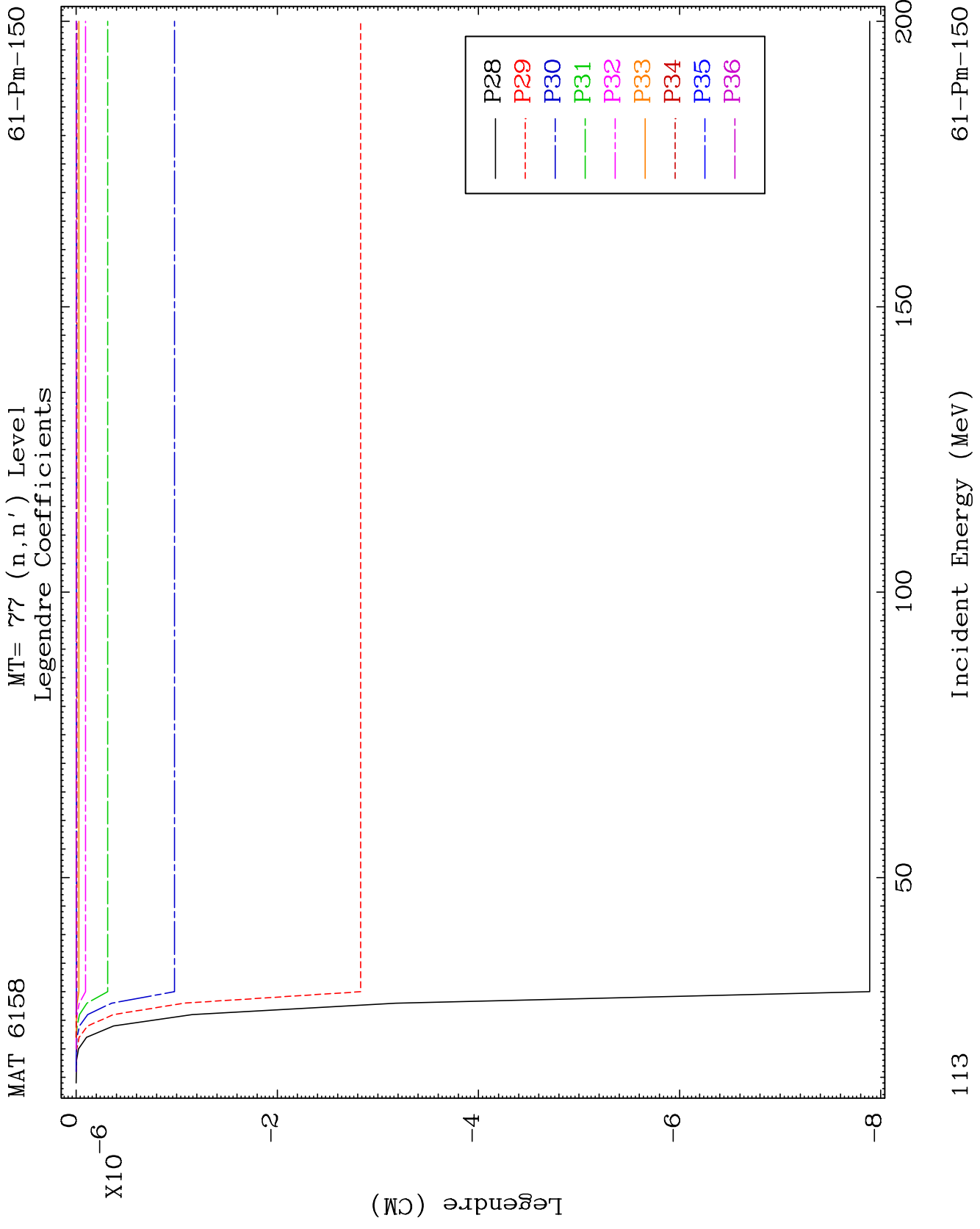
61-Pm-150



112

Incident Energy (MeV)

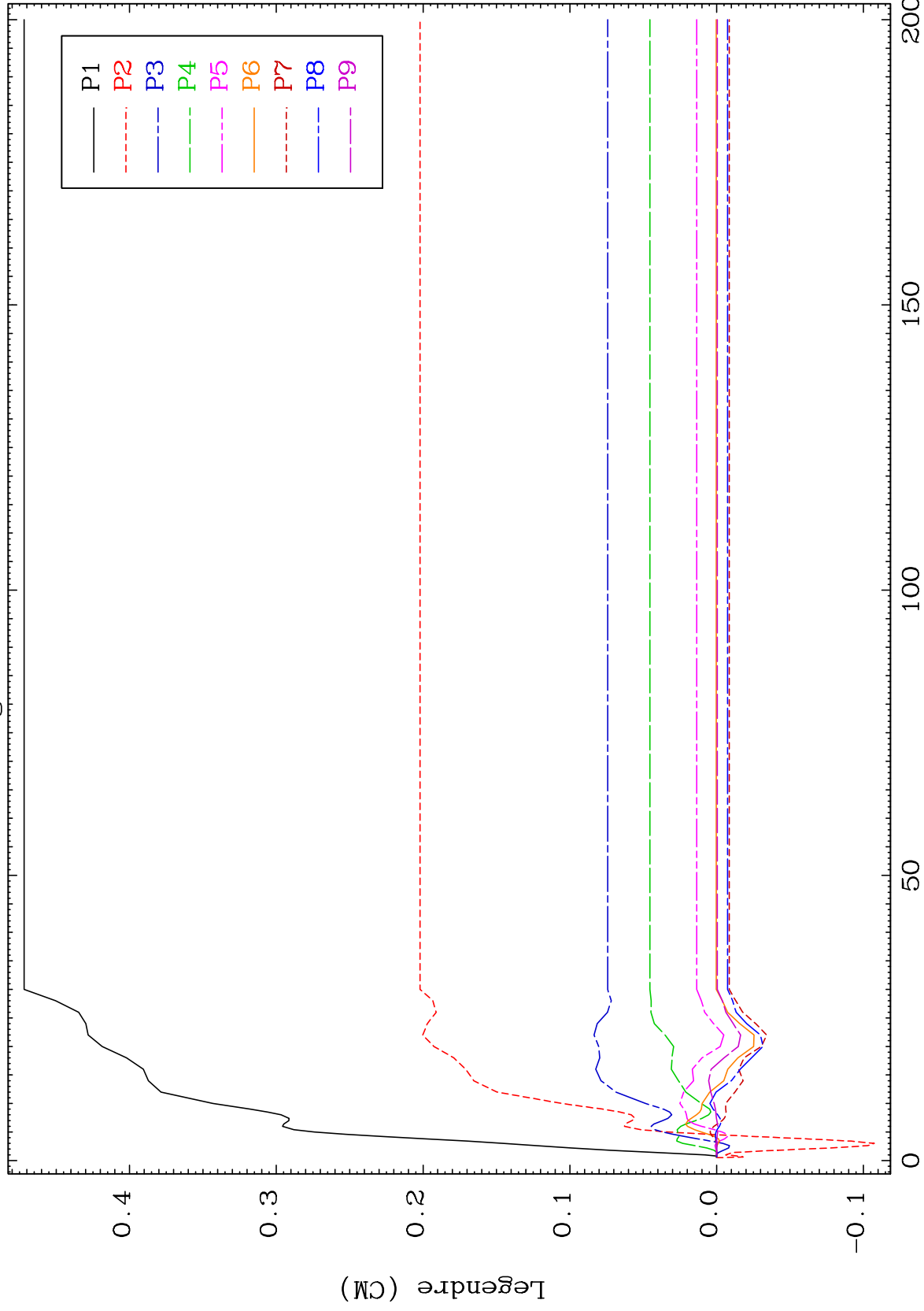
61-Pm-150



MAT 6158

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

61-Pm-150



114

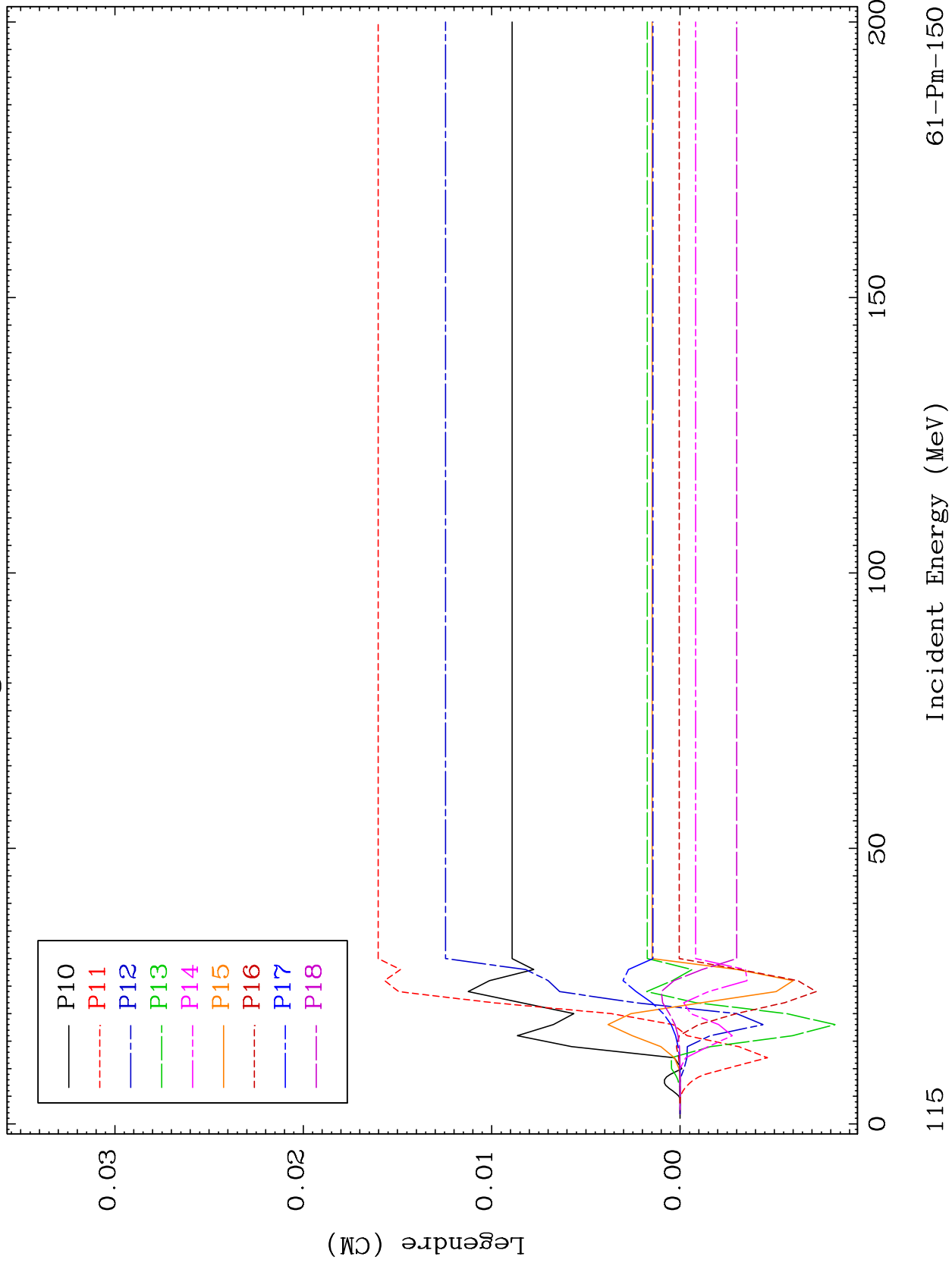
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



61-Pm-150

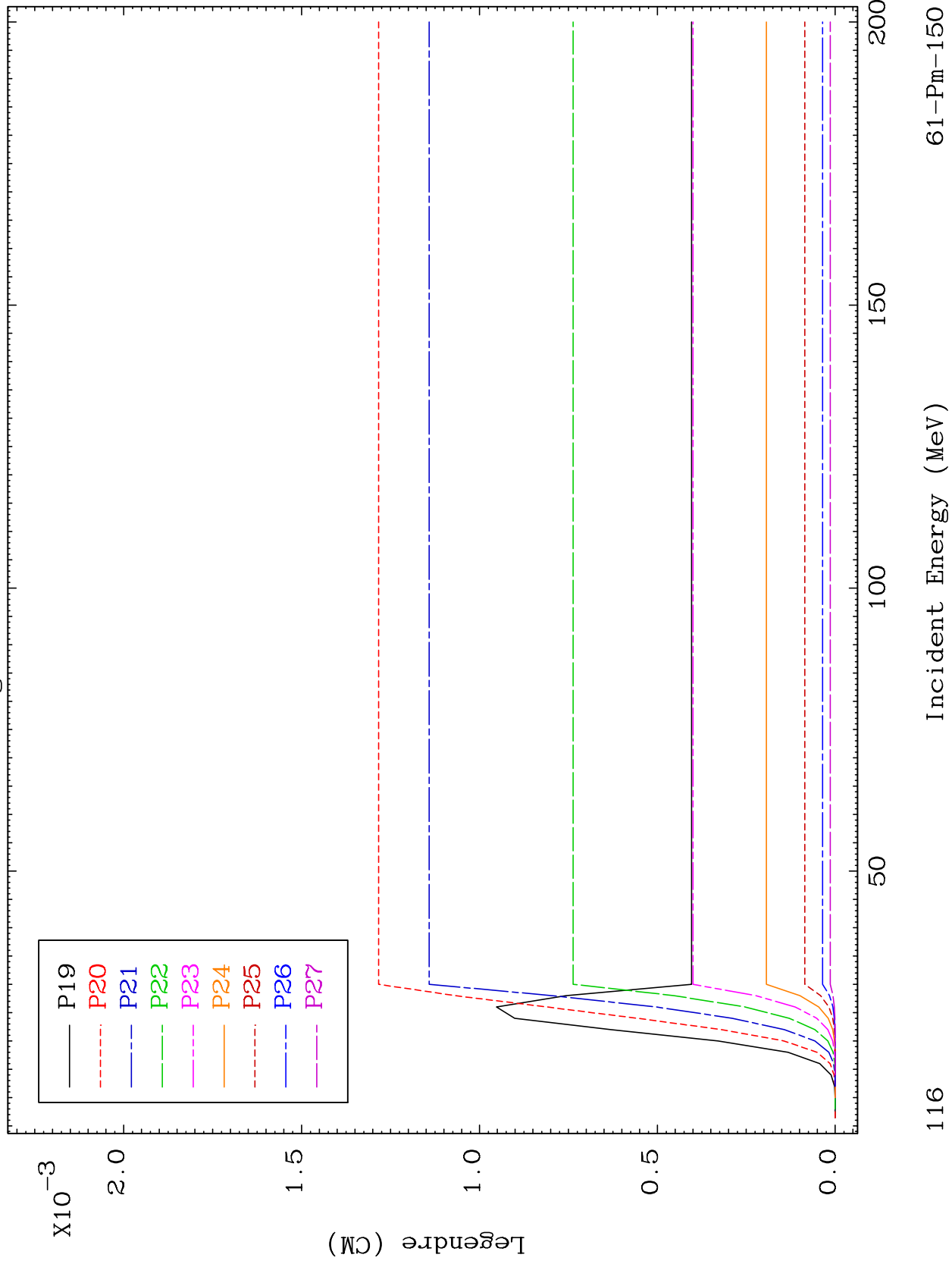
Incident Energy (MeV)

115

MAT 6158

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

61-Pm-150



116

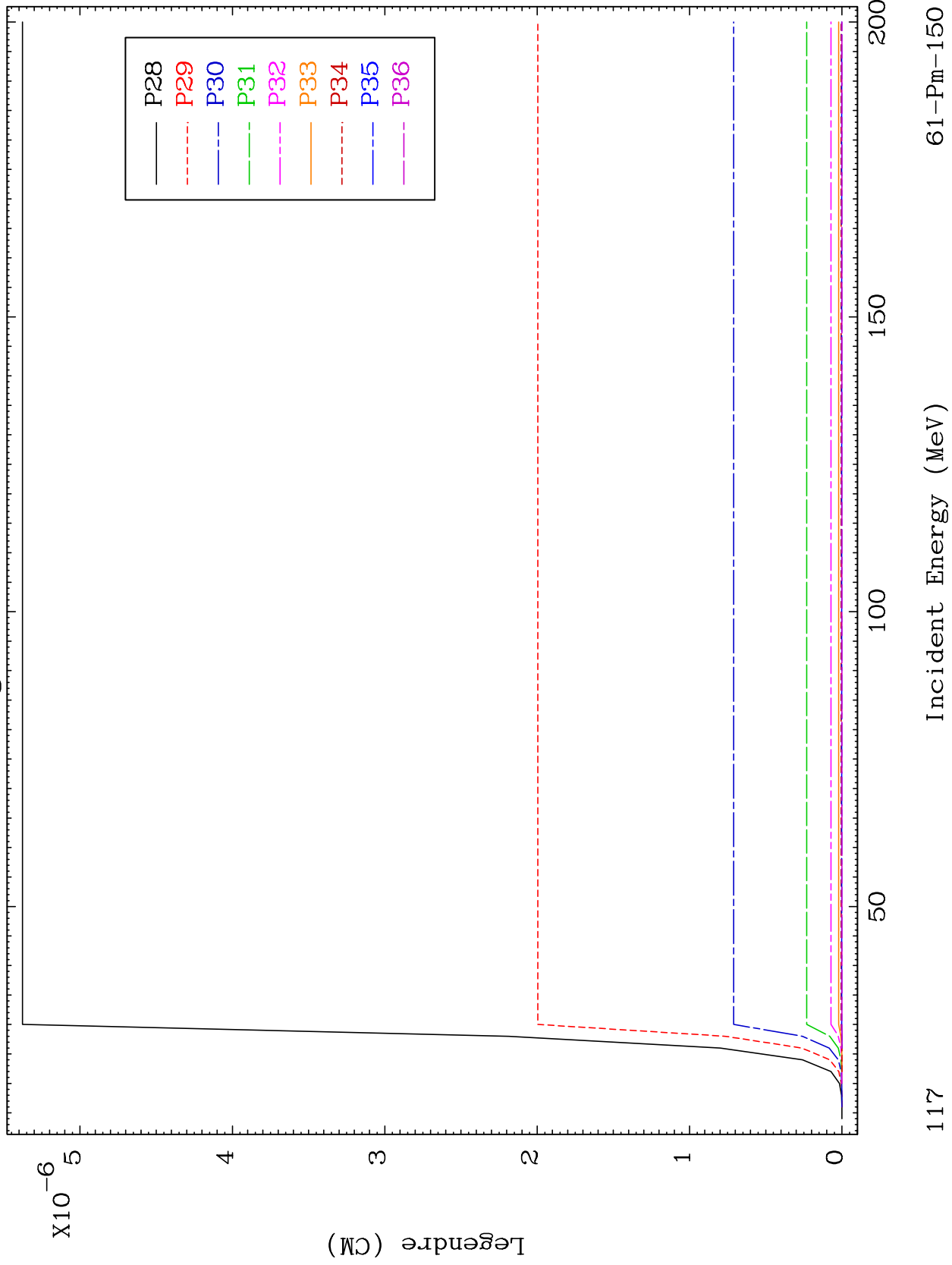
Incident Energy (MeV)

61-Pm-150

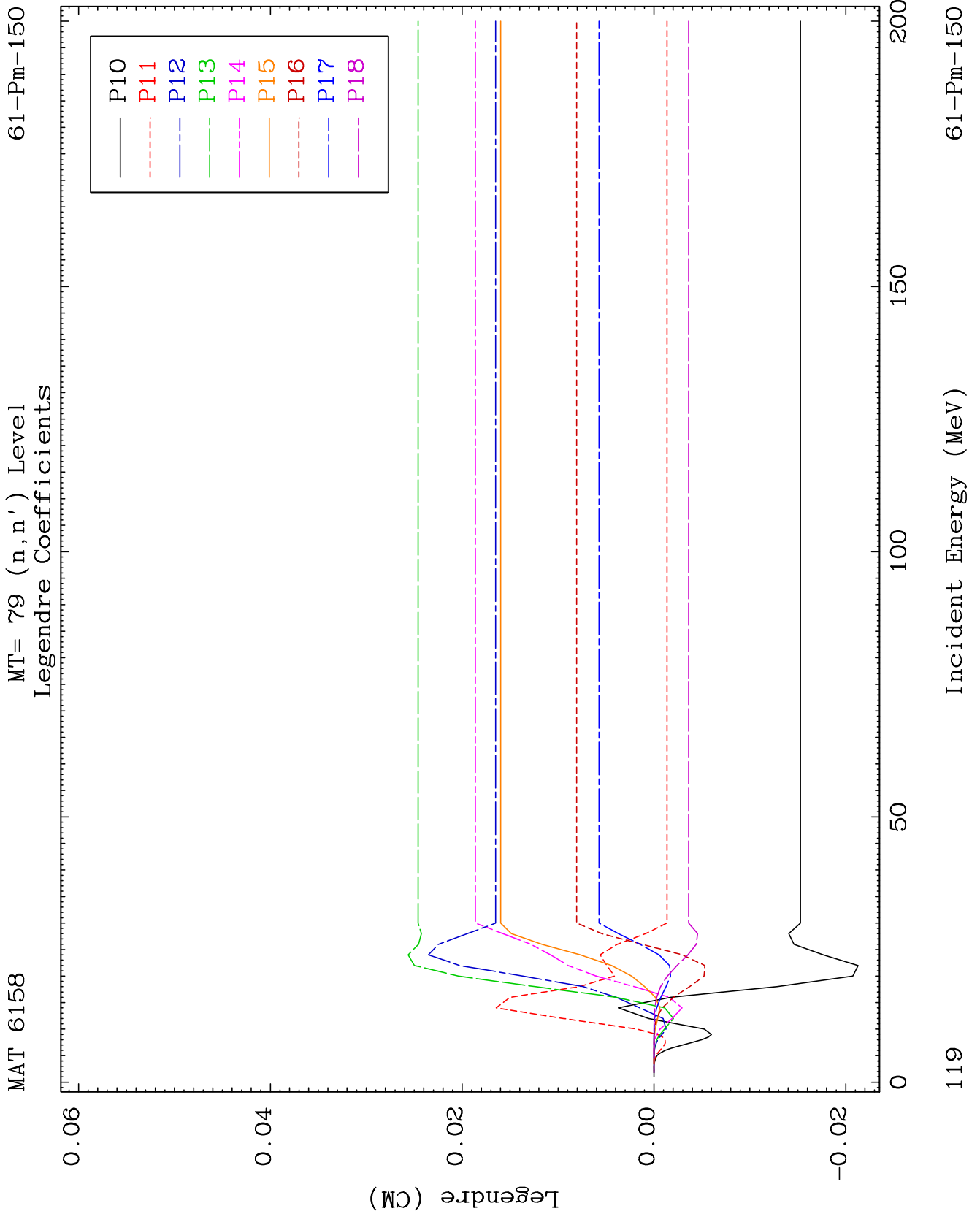
MAT 6158

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

61-Pm-150



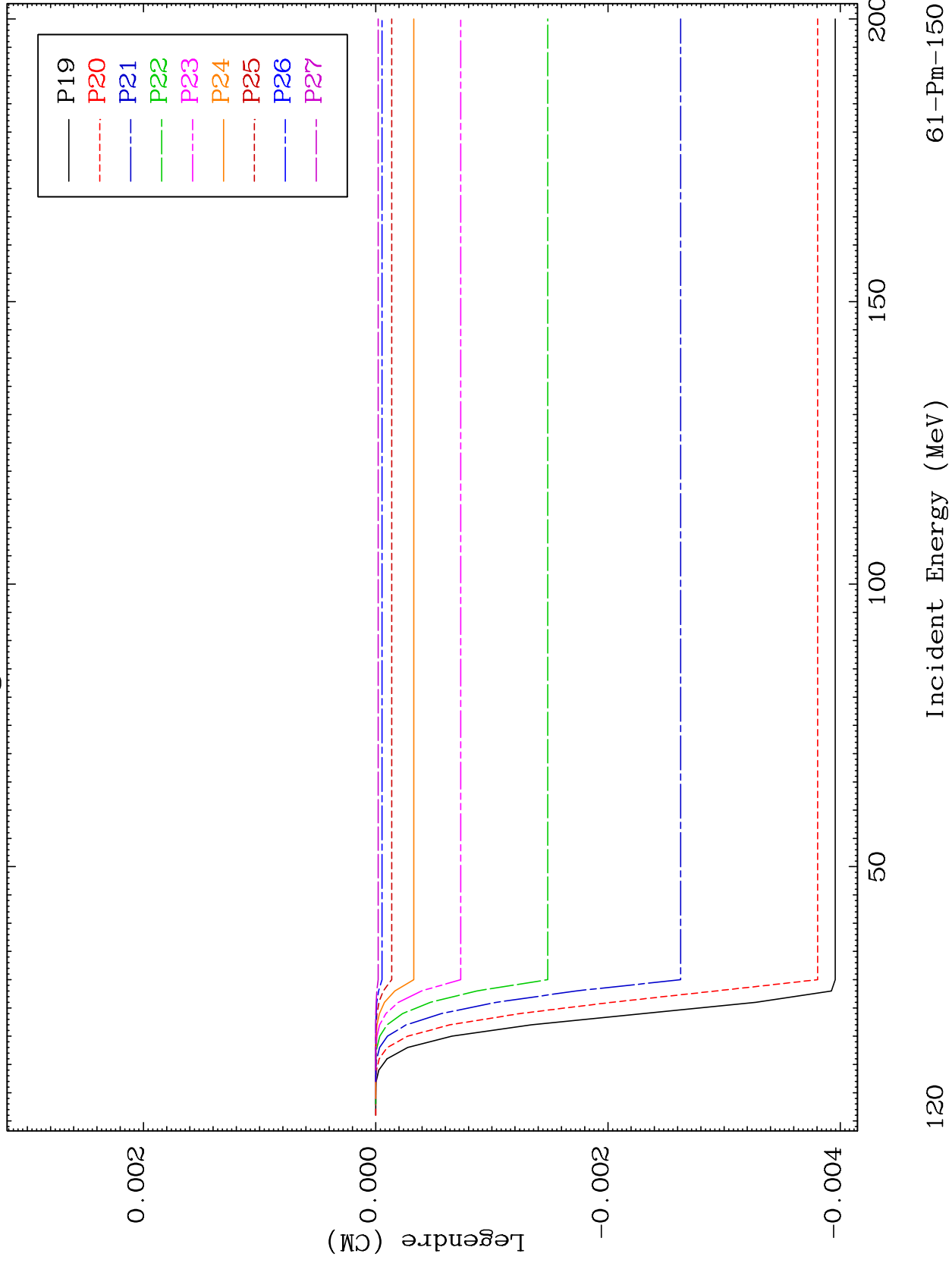
117



MAT 6158

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

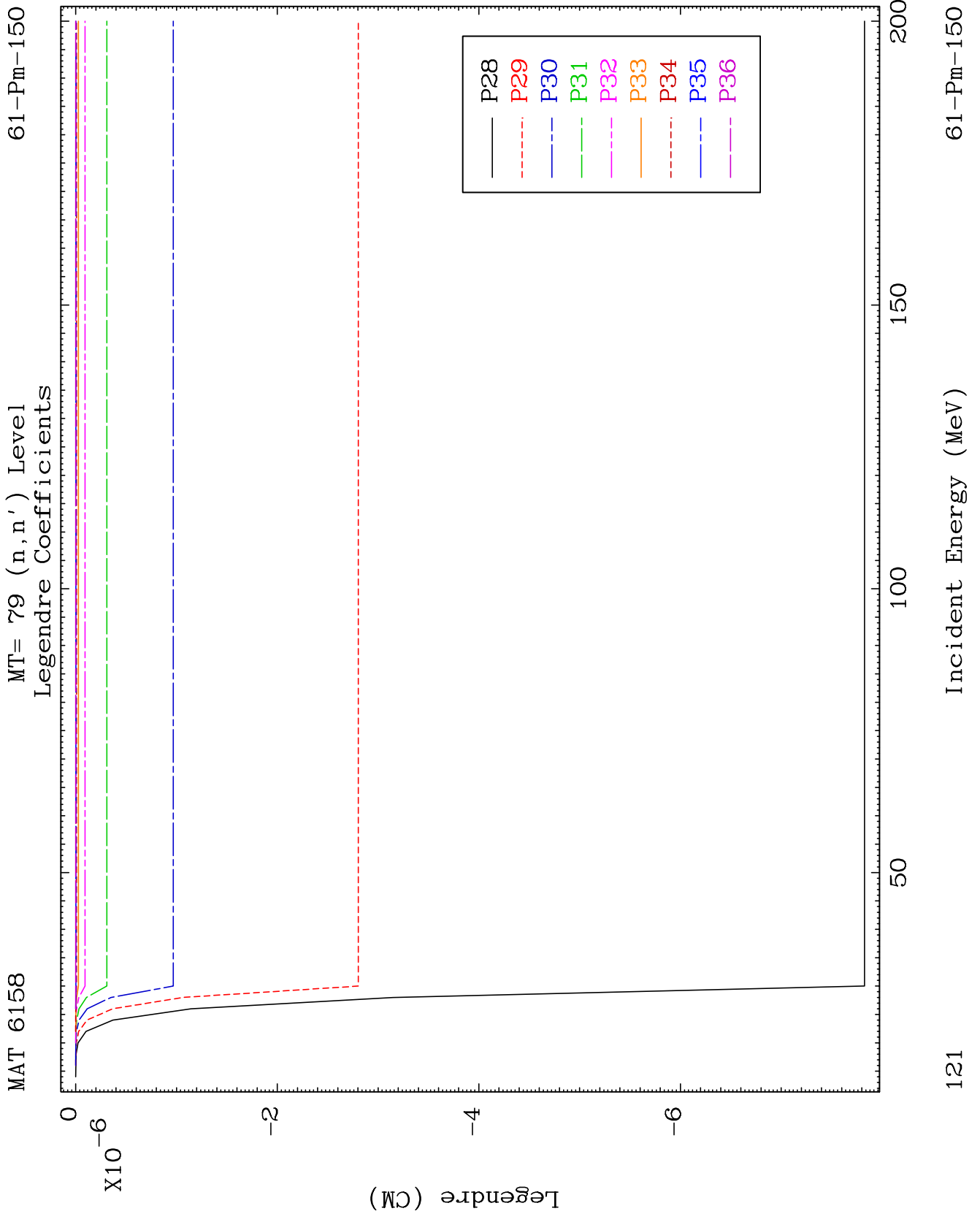
61-Pm-150

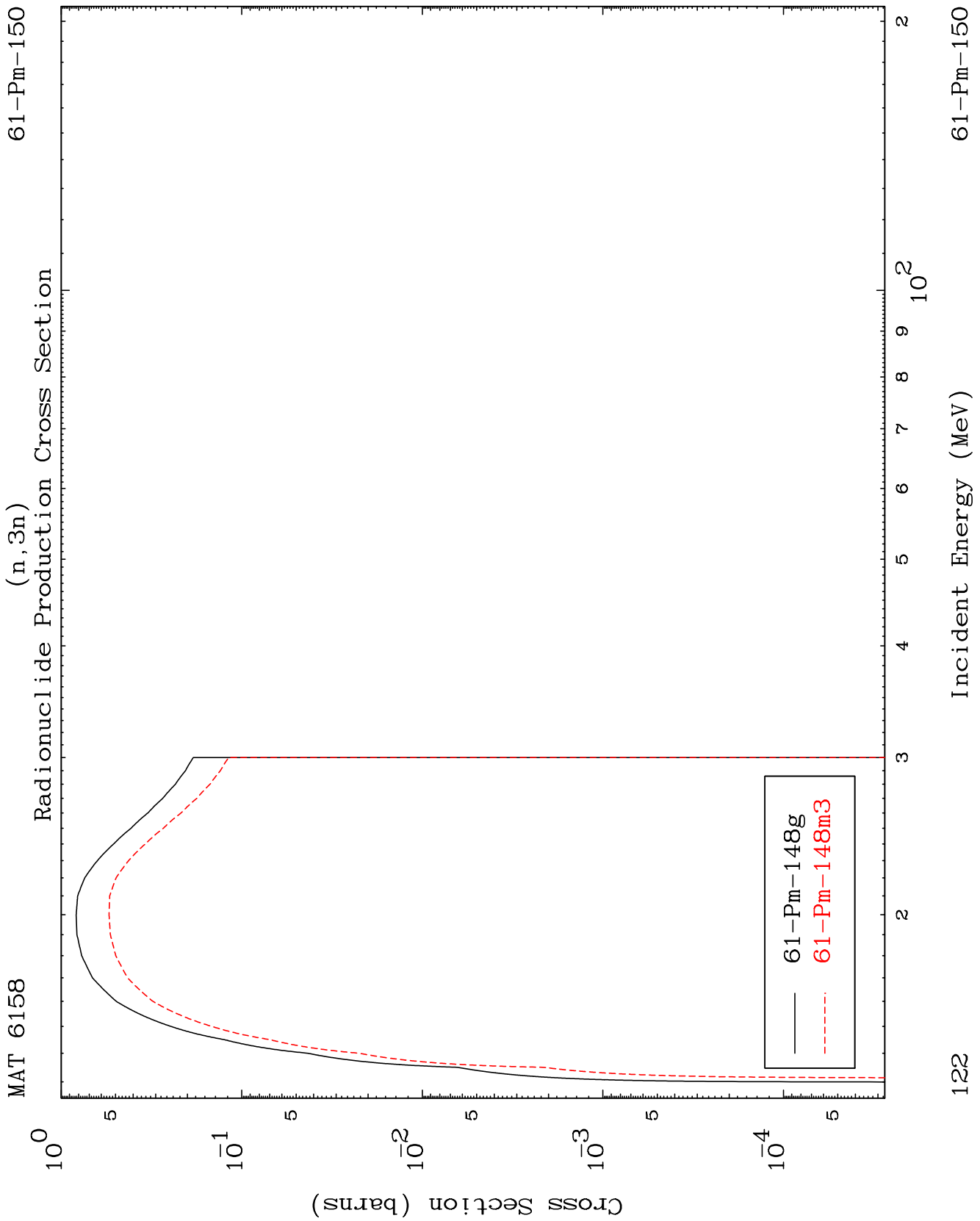


61-Pm-150

Incident Energy (MeV)

120



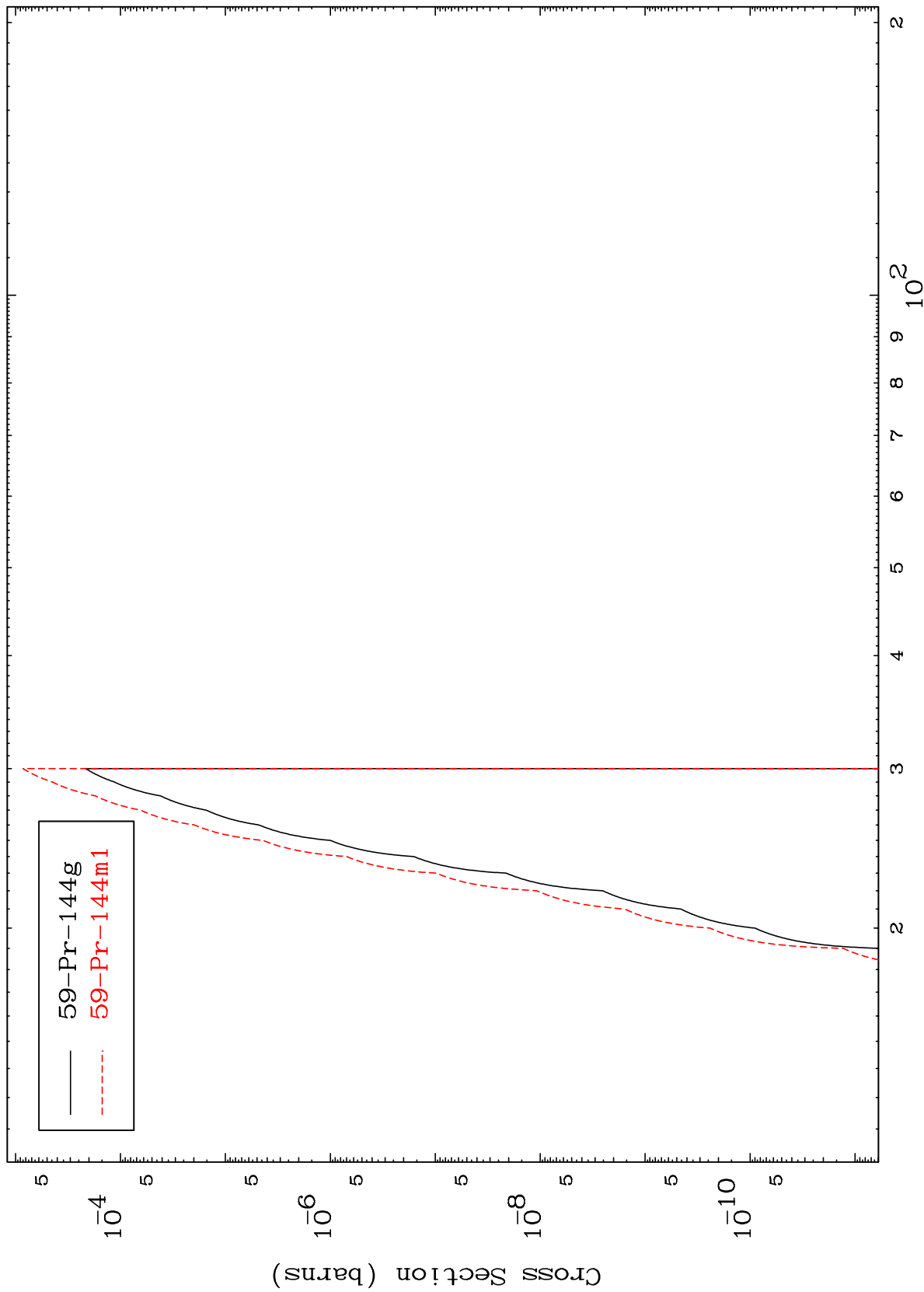


MAT 6158

(n,3n) α

61-Pm-150

Radionuclide Production Cross Section



123

Incident Energy (MeV)

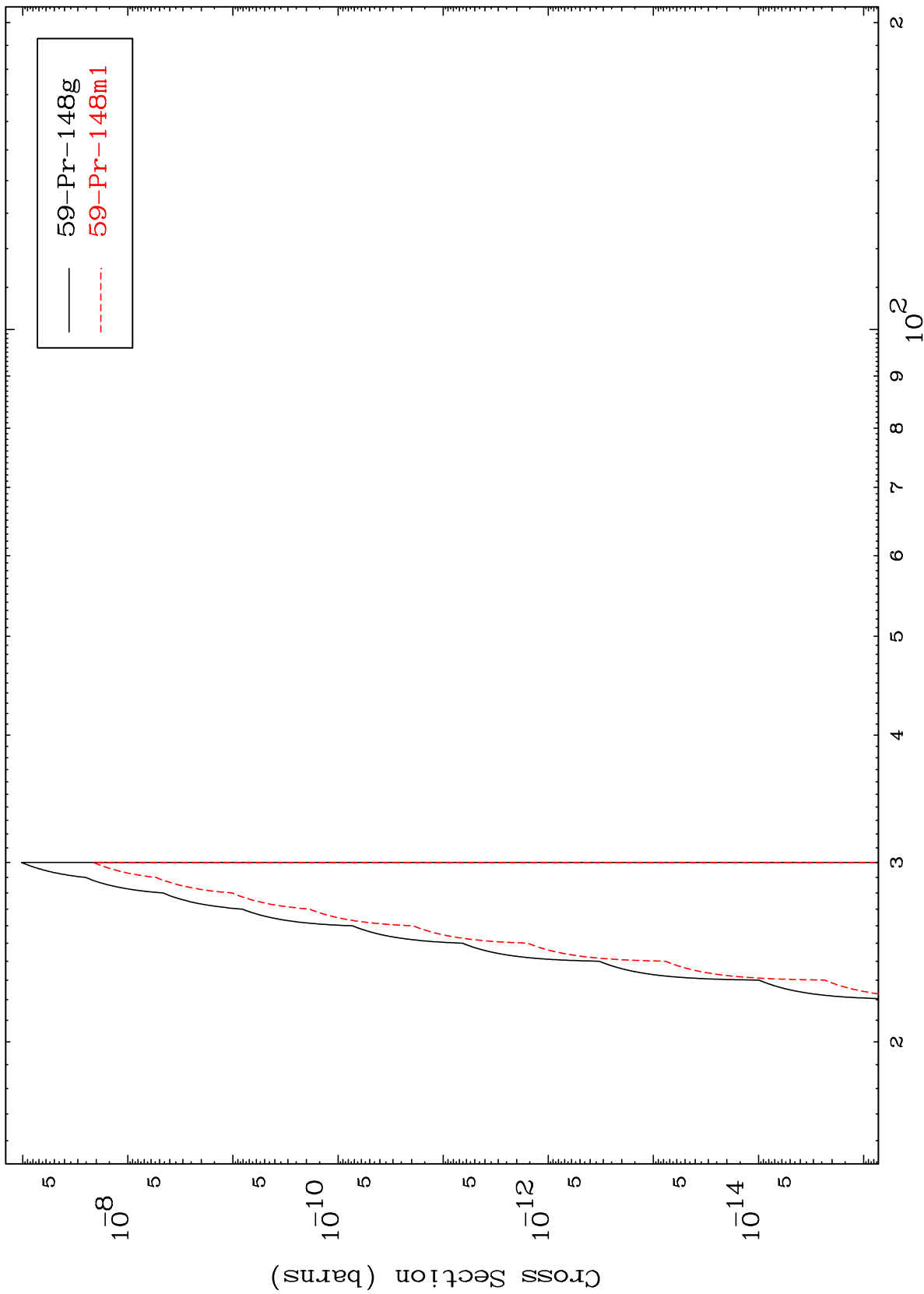
61-Pm-150

MAT 6158

(n,2n) p

61-Pm-150

Radionuclide Production Cross Section



124

Incident Energy (MeV)

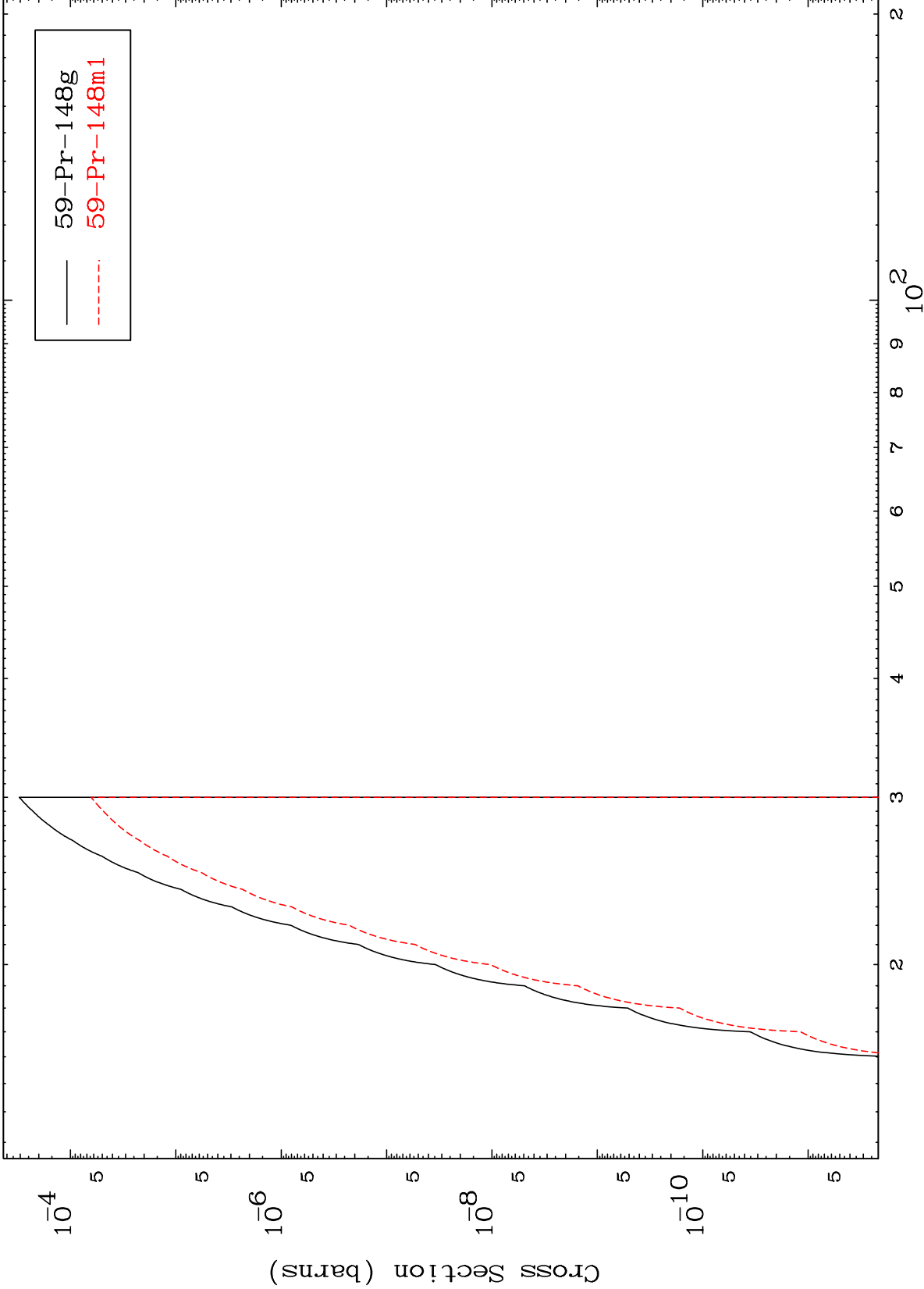
61-Pm-150

MAT 6158

(n,He-3)

61-Pm-150

Radionuclide Production Cross Section



125

Incident Energy (MeV)

61-Pm-150