

Program EVALPLOT
(Version 2021-1)

by

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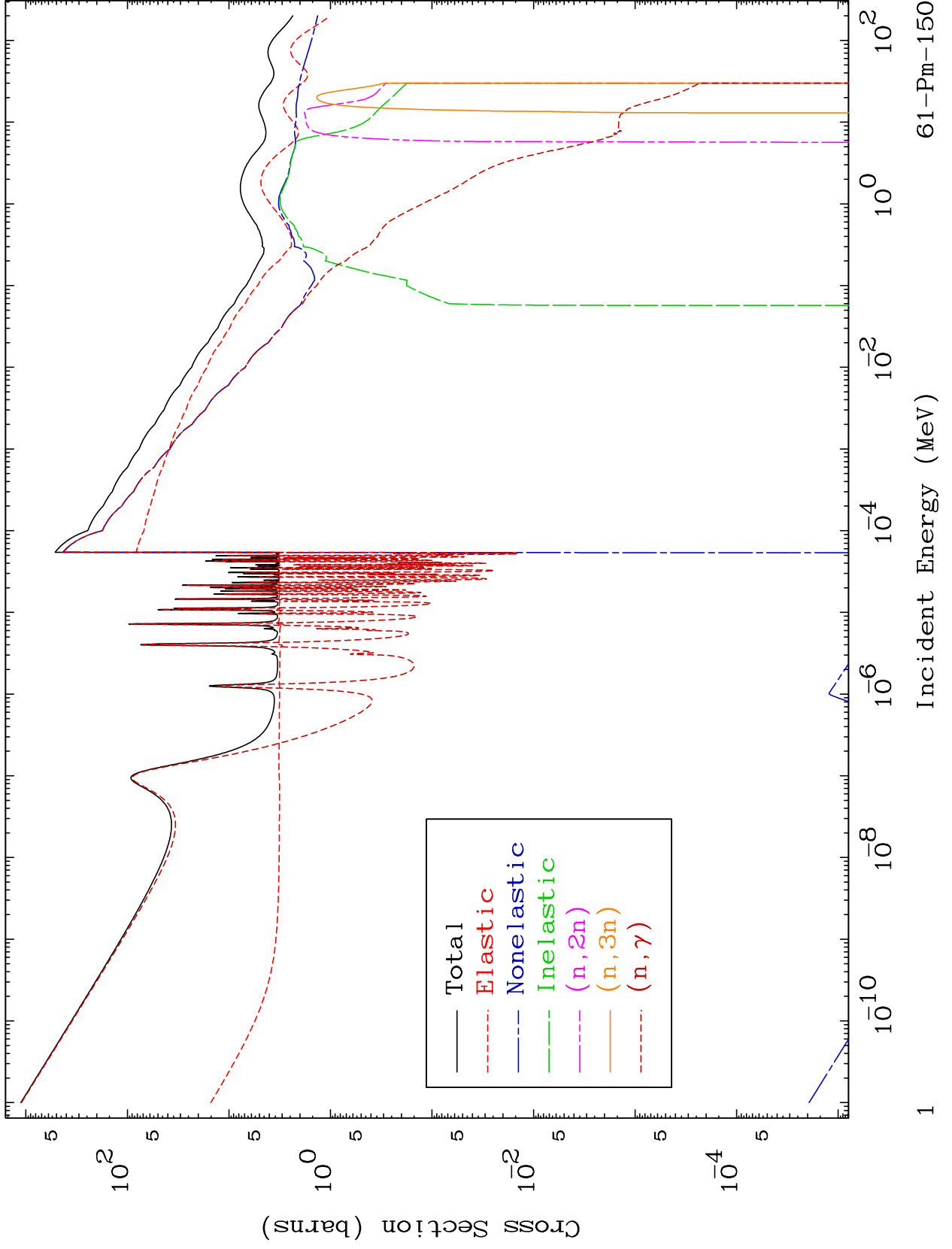
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6158

Neutron Major
293 Kelvin Cross Sections

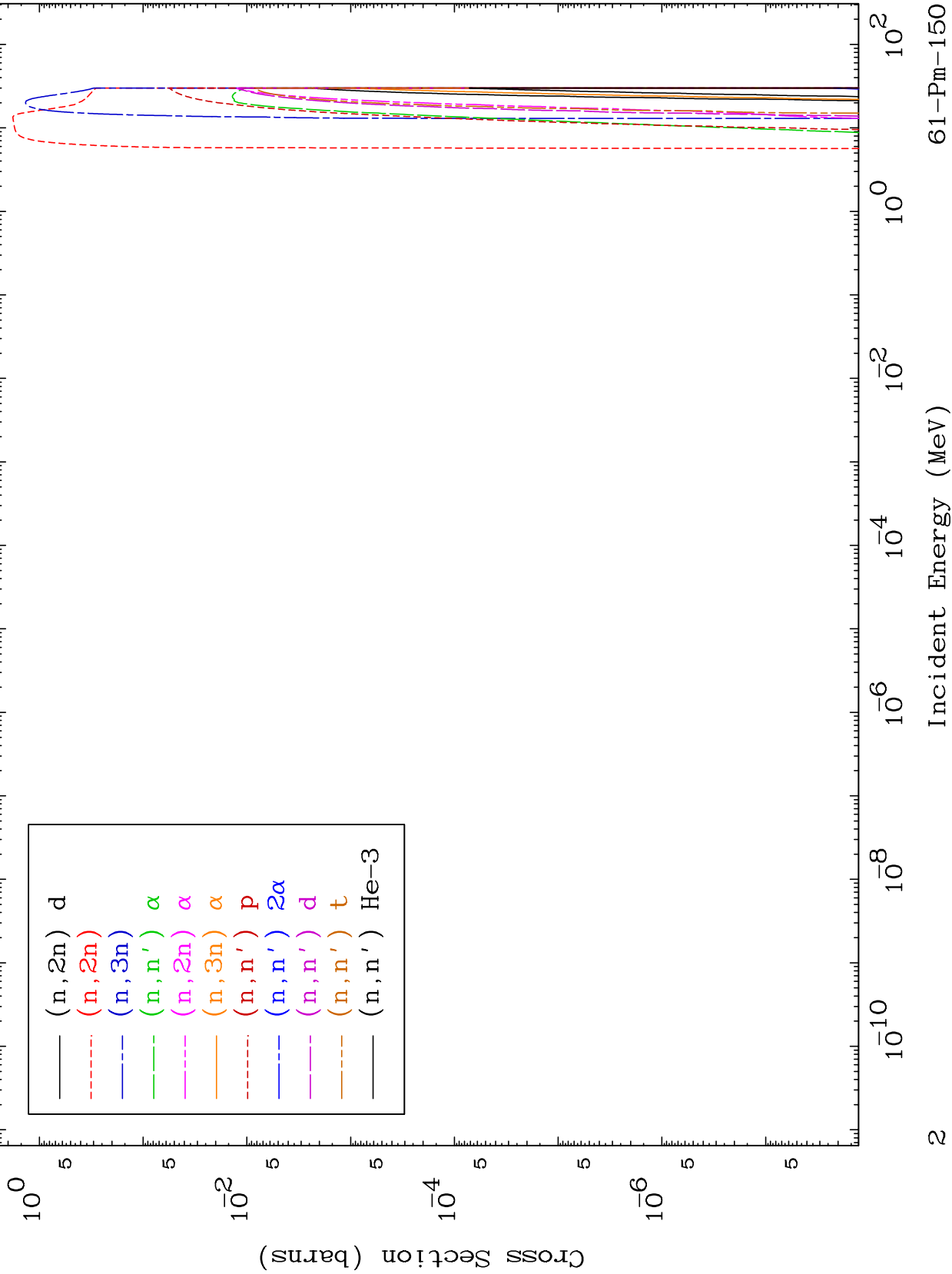
61-Pm-150



MAT 6158

Neutron Absorption
293 Kelvin Cross Sections

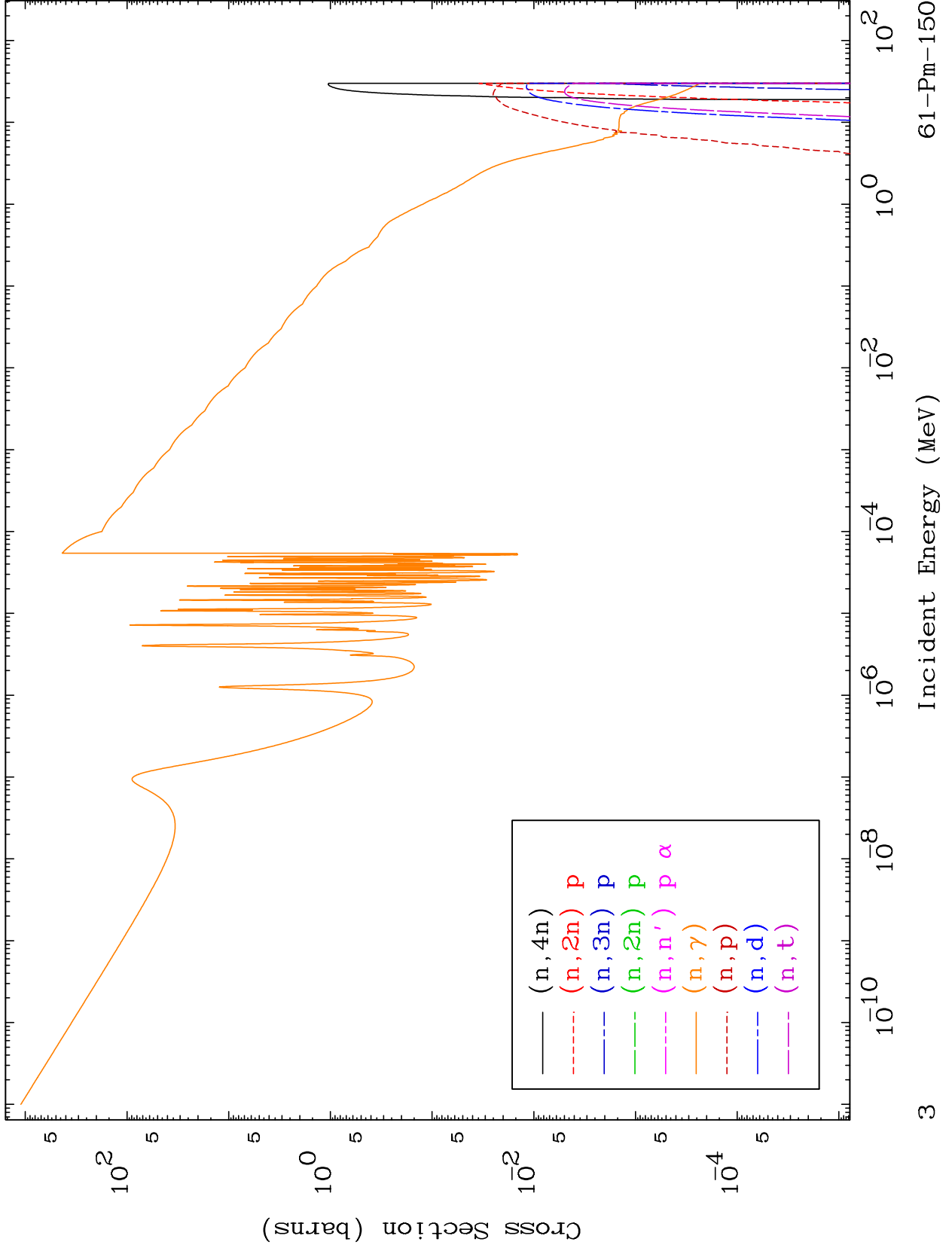
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MAT 6158

Neutron Absorption
293 Kelvin Cross Sections

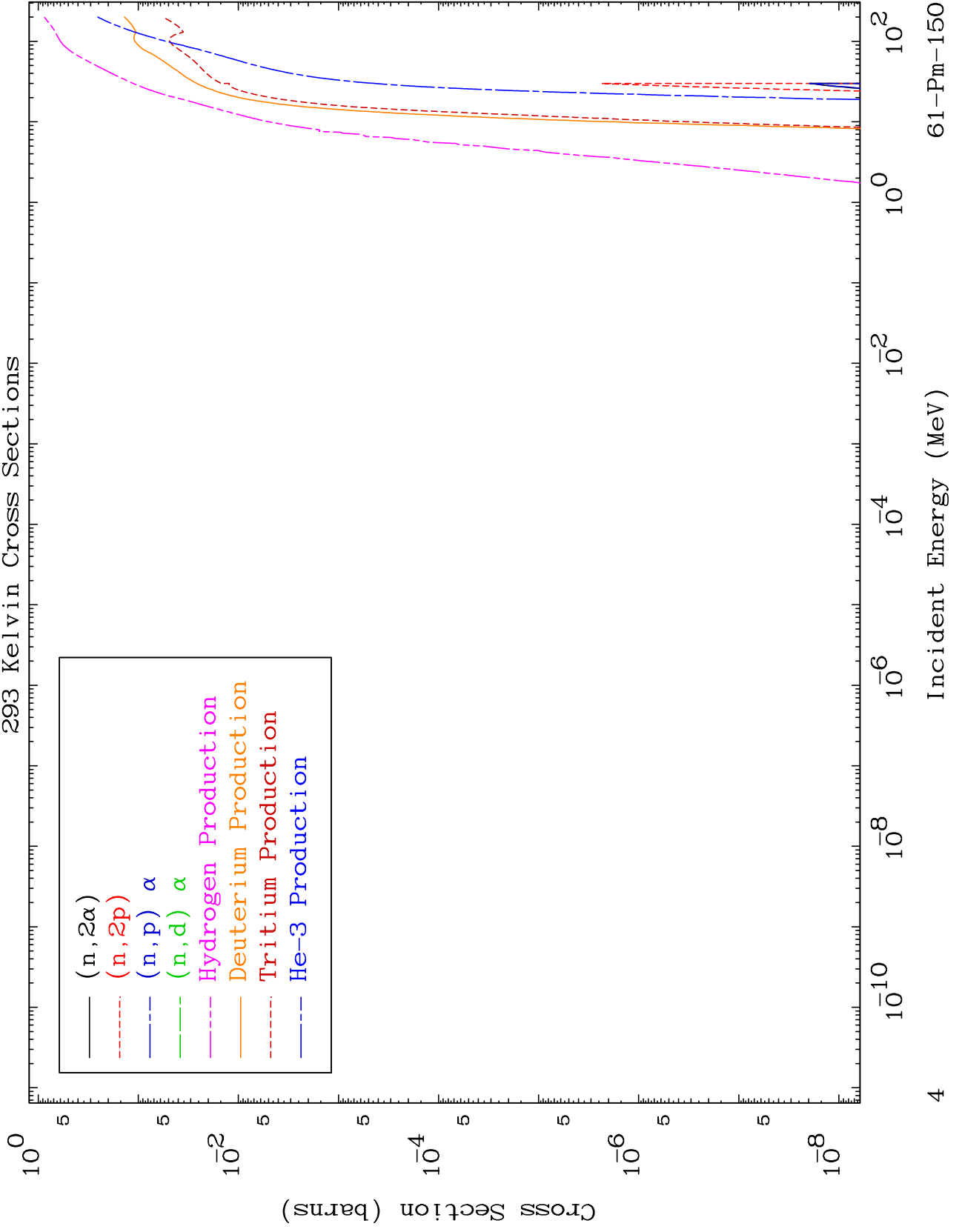
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MAT 6158

Neutron Absorption
293 Kelvin Cross Sections

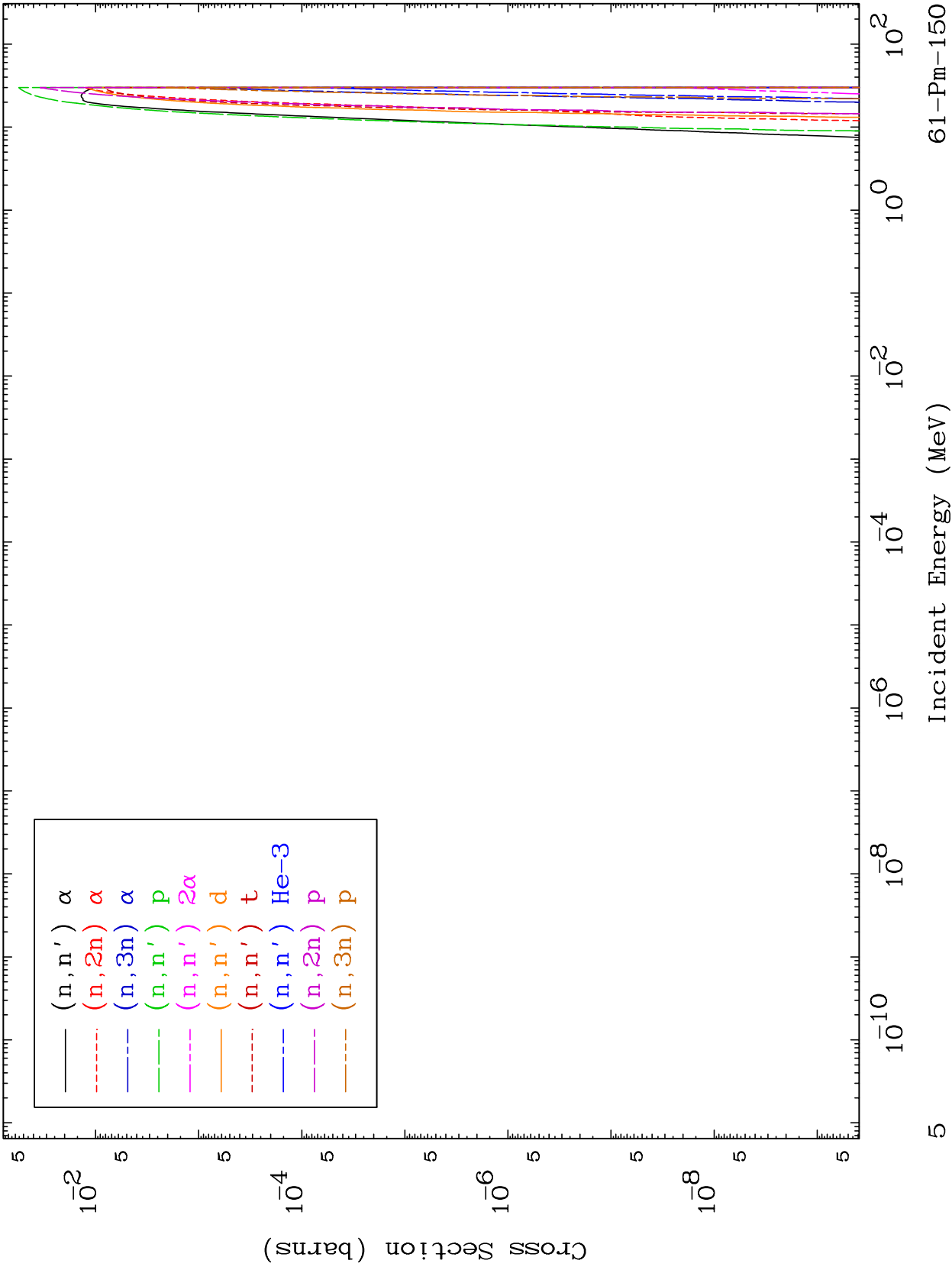
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MAT 6158

Charged Particle
293 Kelvin Cross Sections

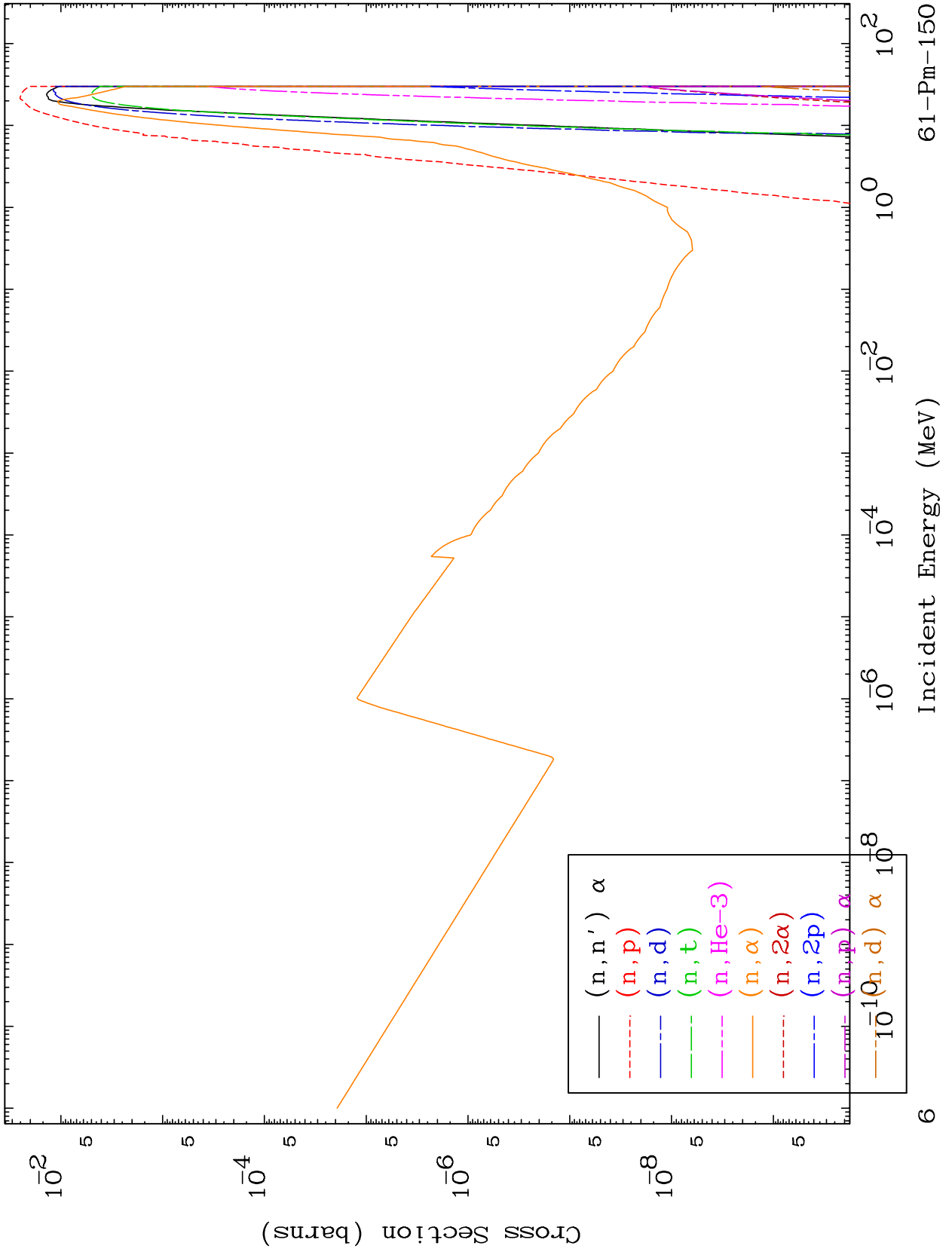
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MAT 6158

Charged Particle
293 Kelvin Cross Sections

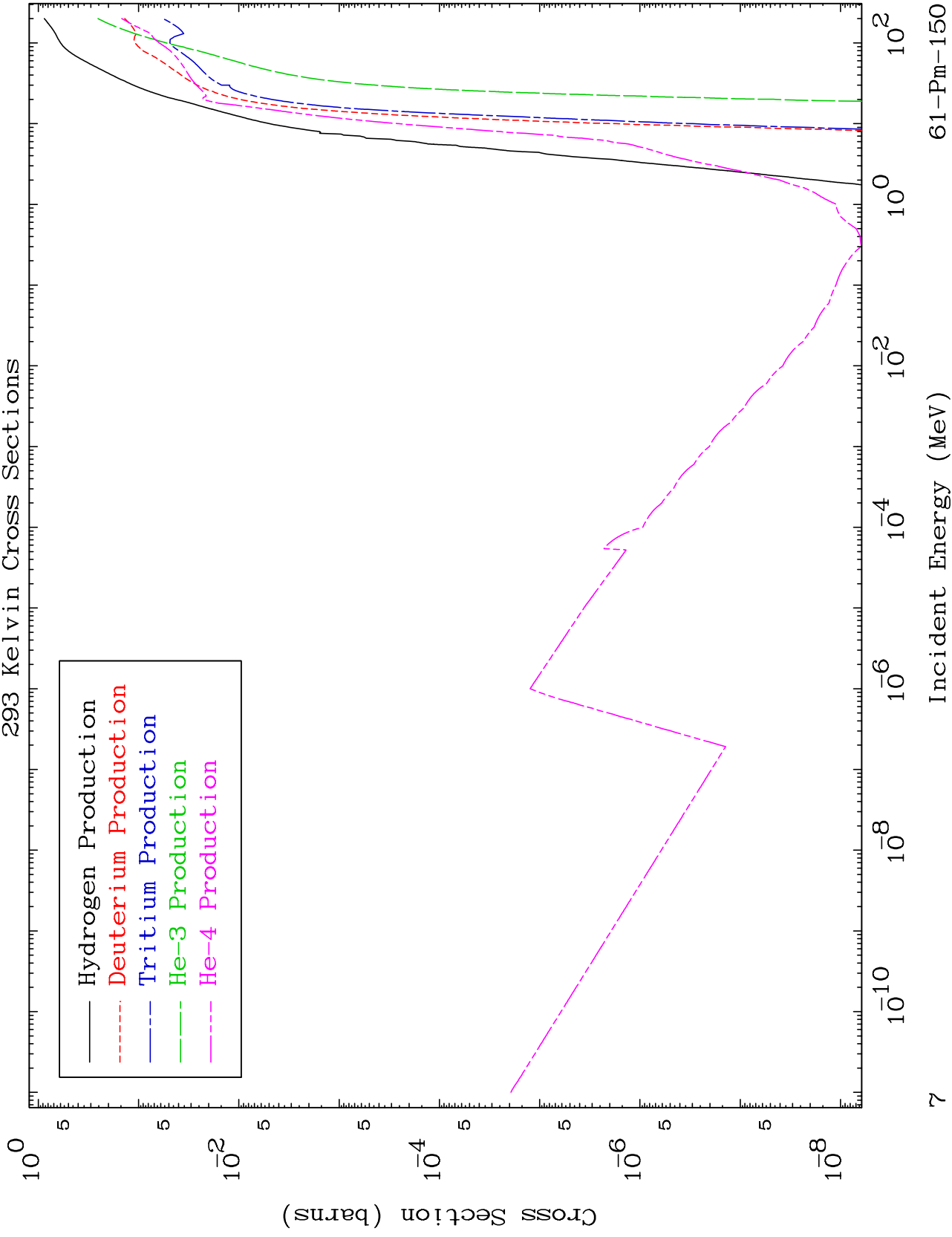
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MAT 6158

Particle Production
293 Kelvin Cross Sections

61-Pm-150

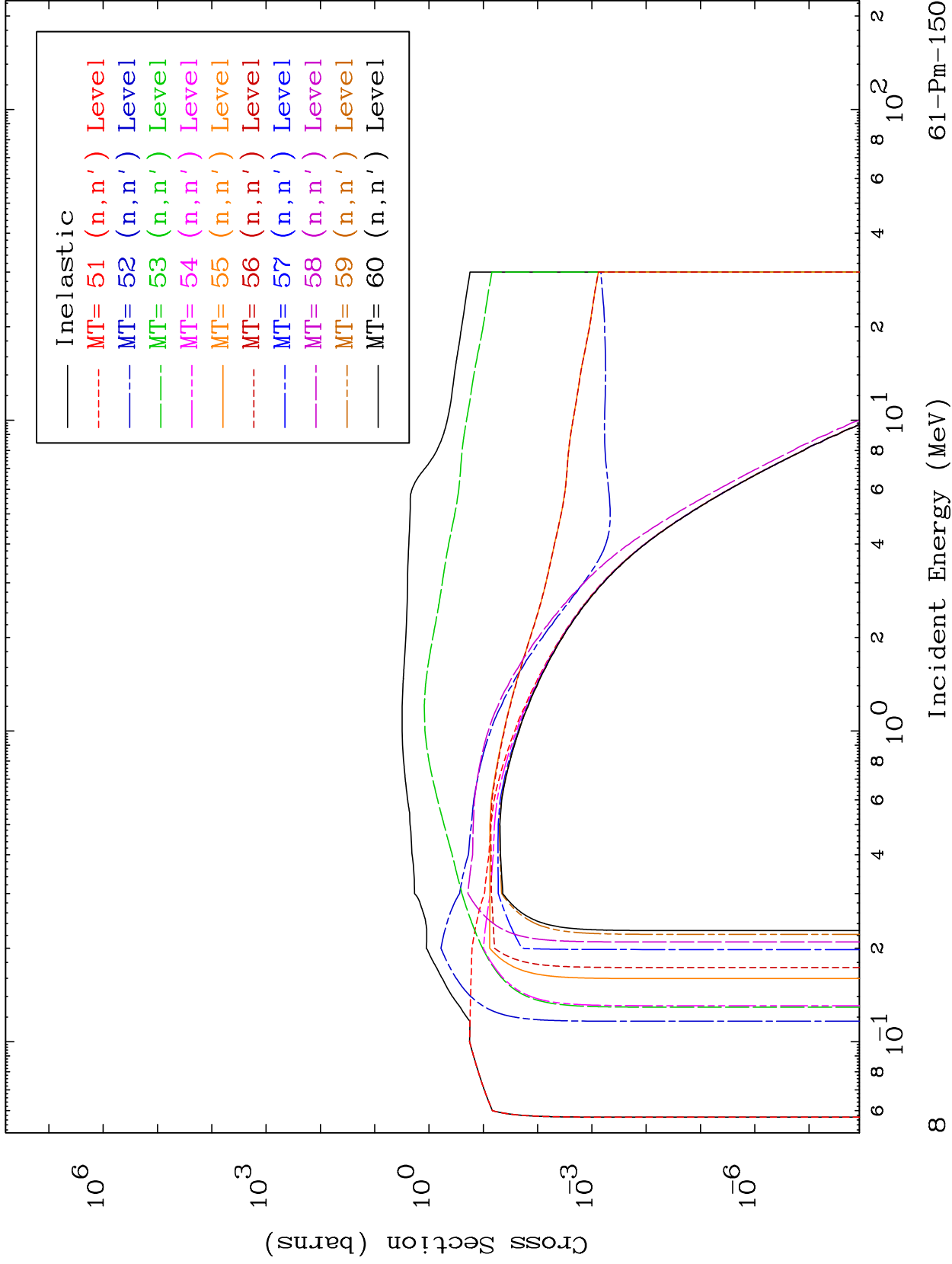


MAT 6158

(n,n') Levels

61-Pm-150

293 Kelvin Cross Sections



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Incident Energy (MeV)

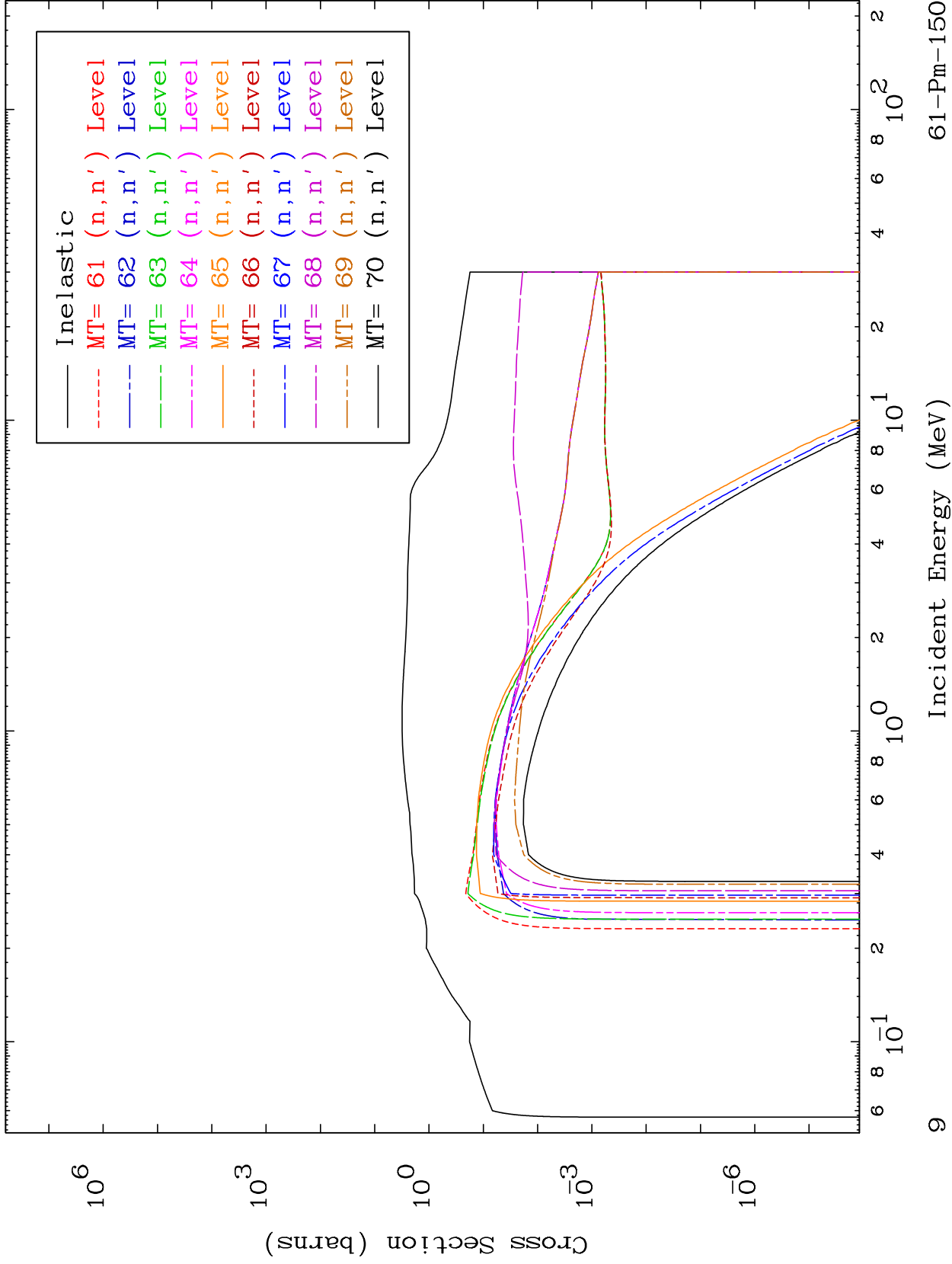
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MAT 6158

(n,n') Levels

293 Kelvin Cross Sections

61-Pm-150

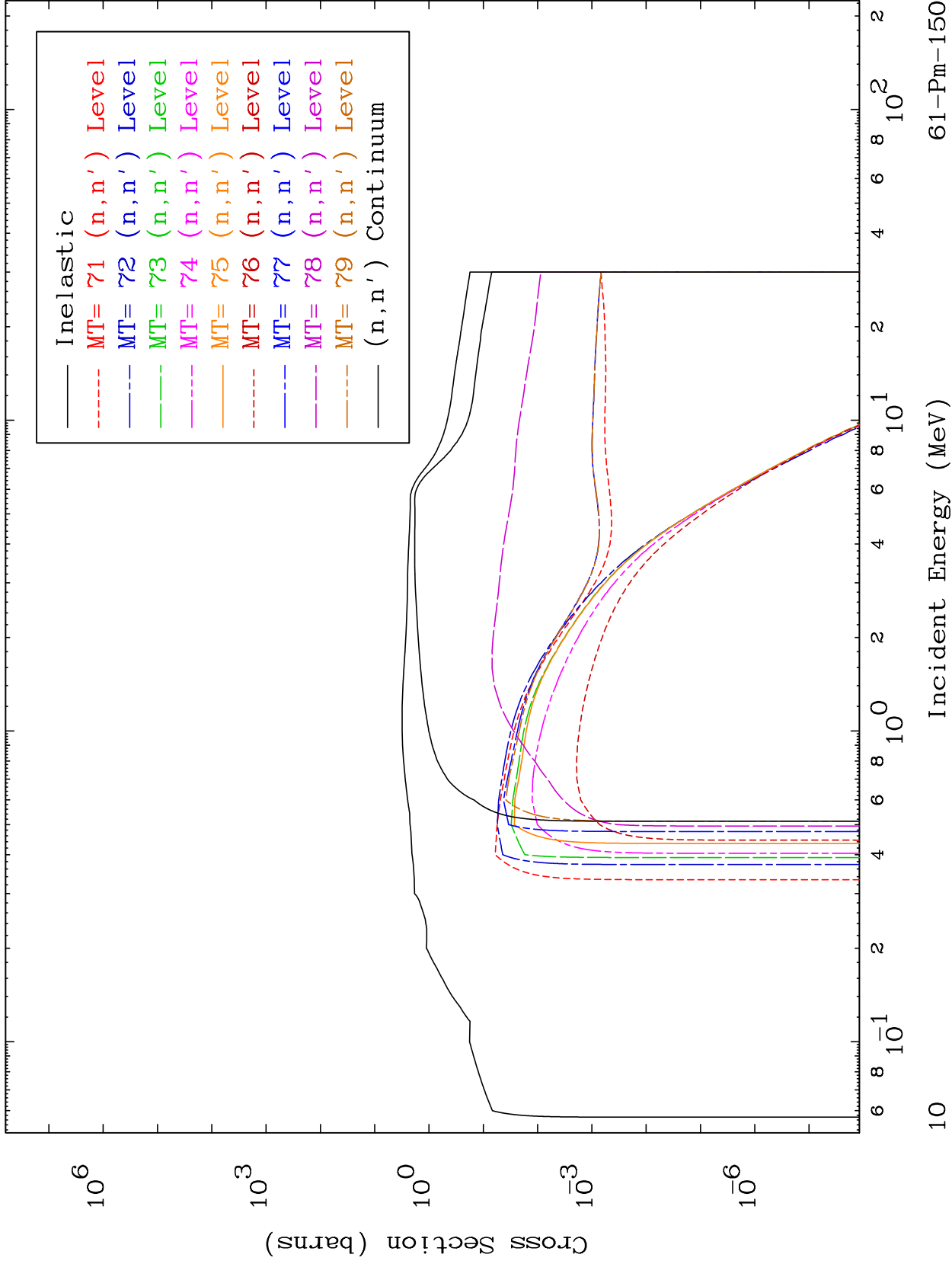


MAT 6158

(n,n') Levels

293 Kelvin Cross Sections

61-Pm-150



10

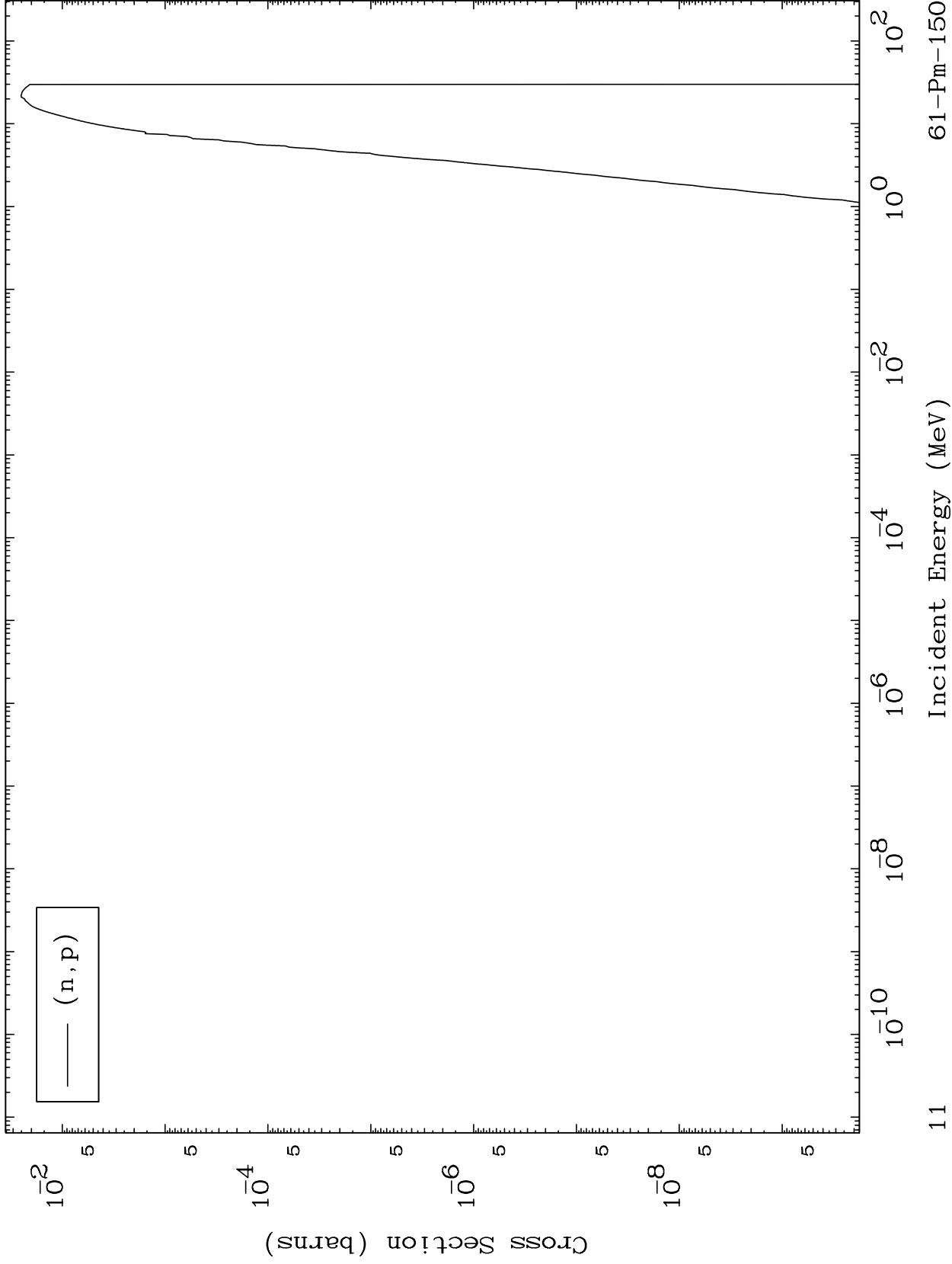
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,p) Levels
293 Kelvin Cross Sections

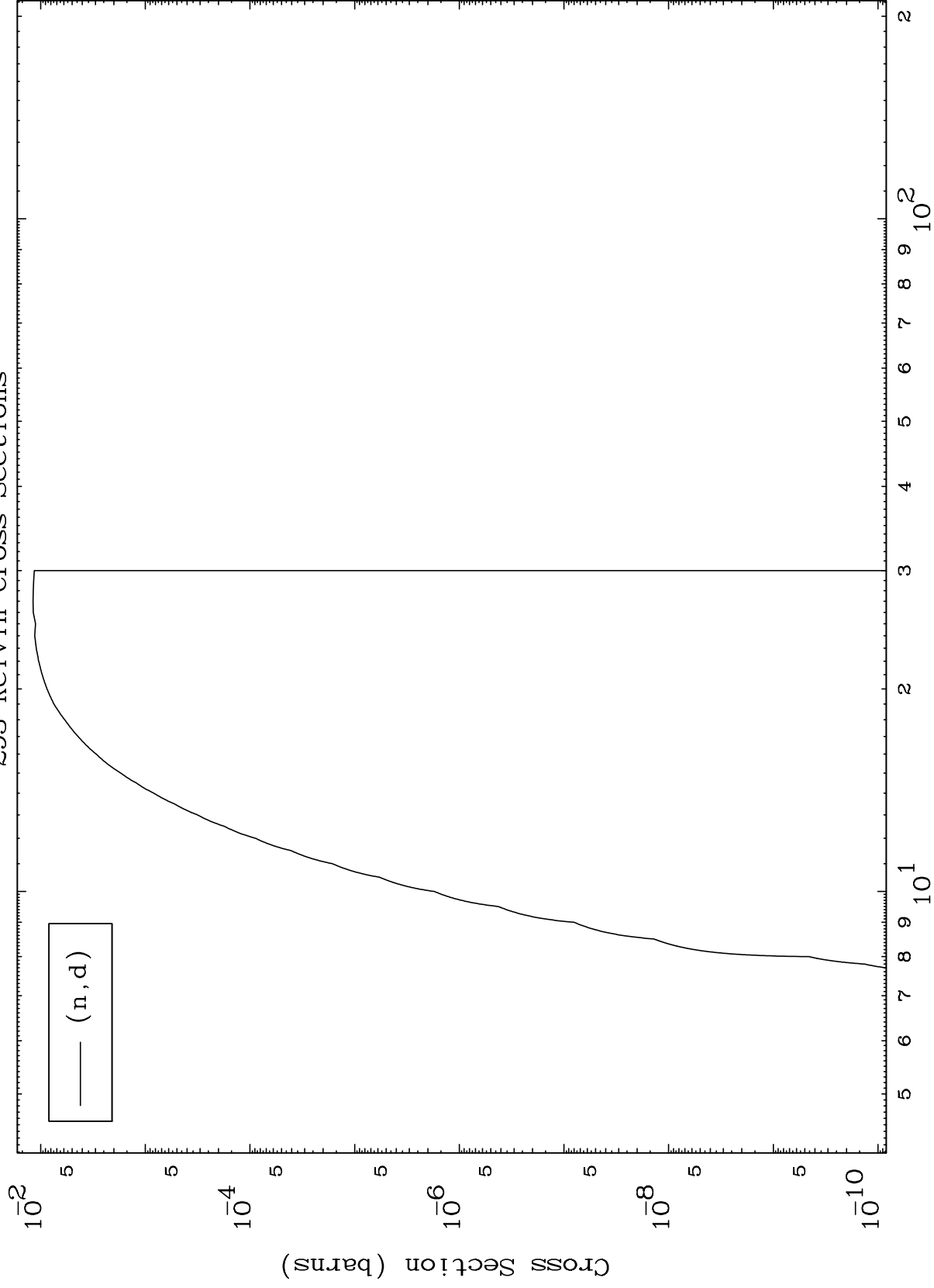
61-Pm-150



MAT 6158

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-150



12

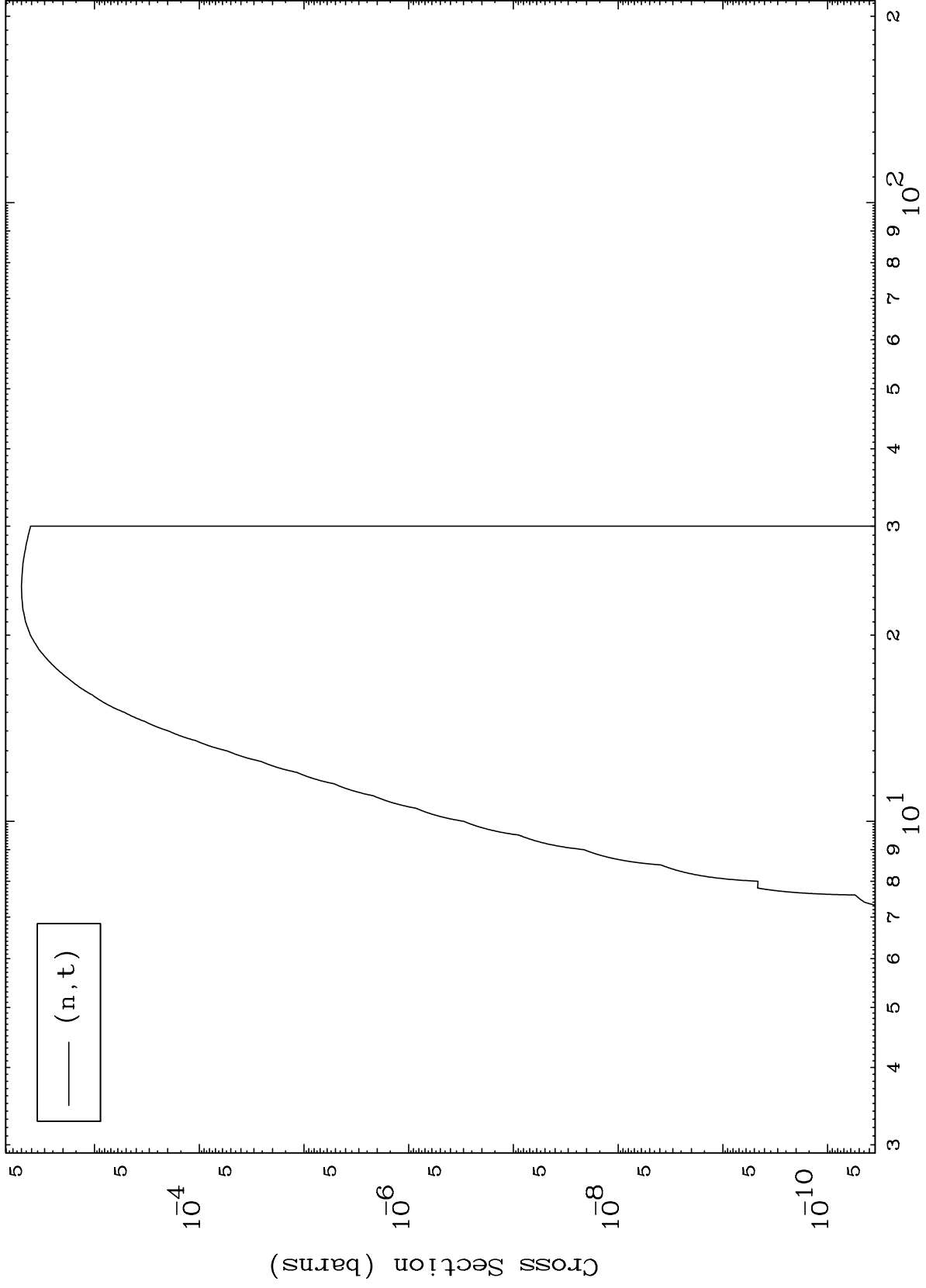
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-150



(n,t)

Incident Energy (MeV)

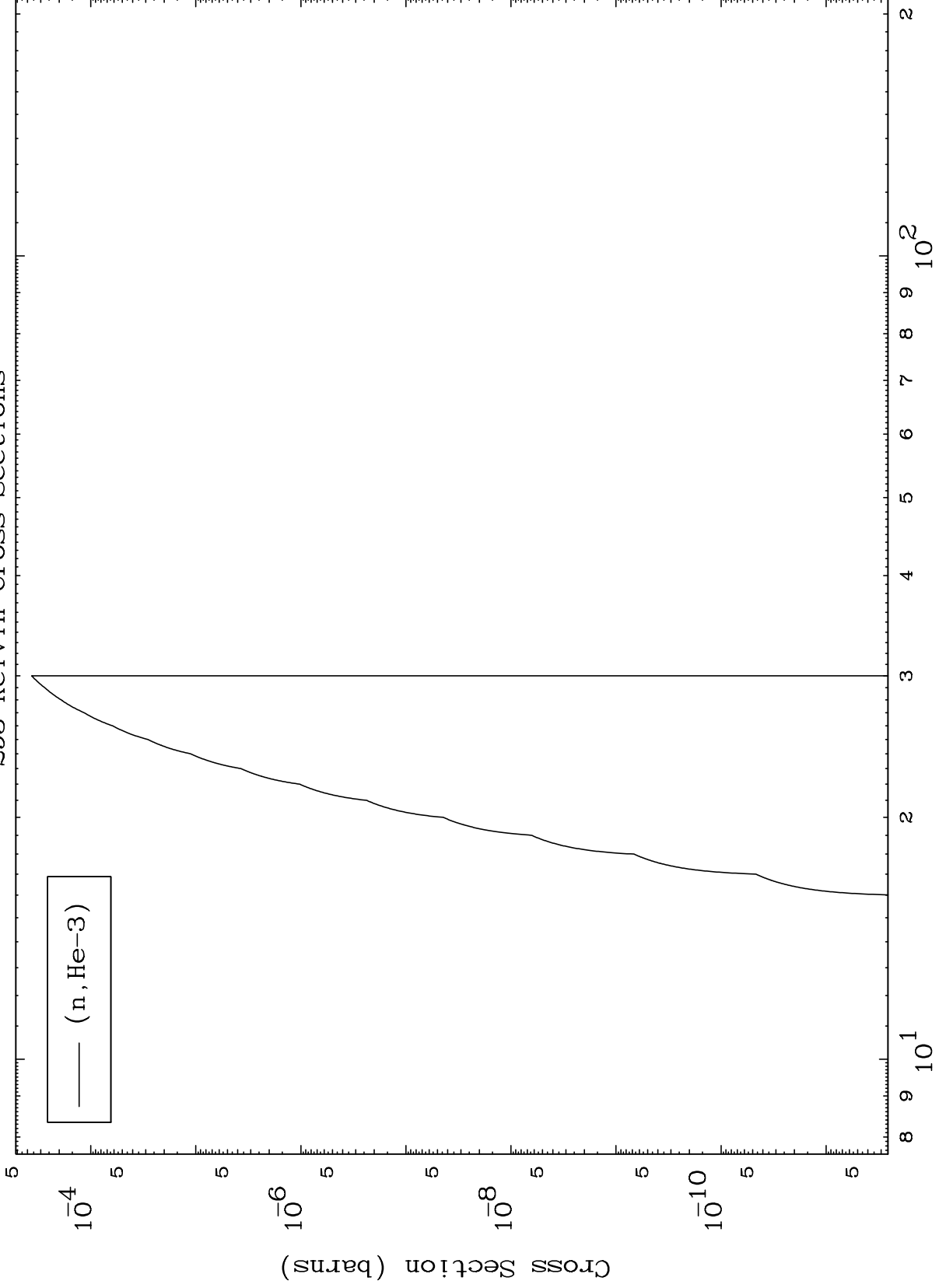
61-Pm-150

13

MAT 6158

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-150



14

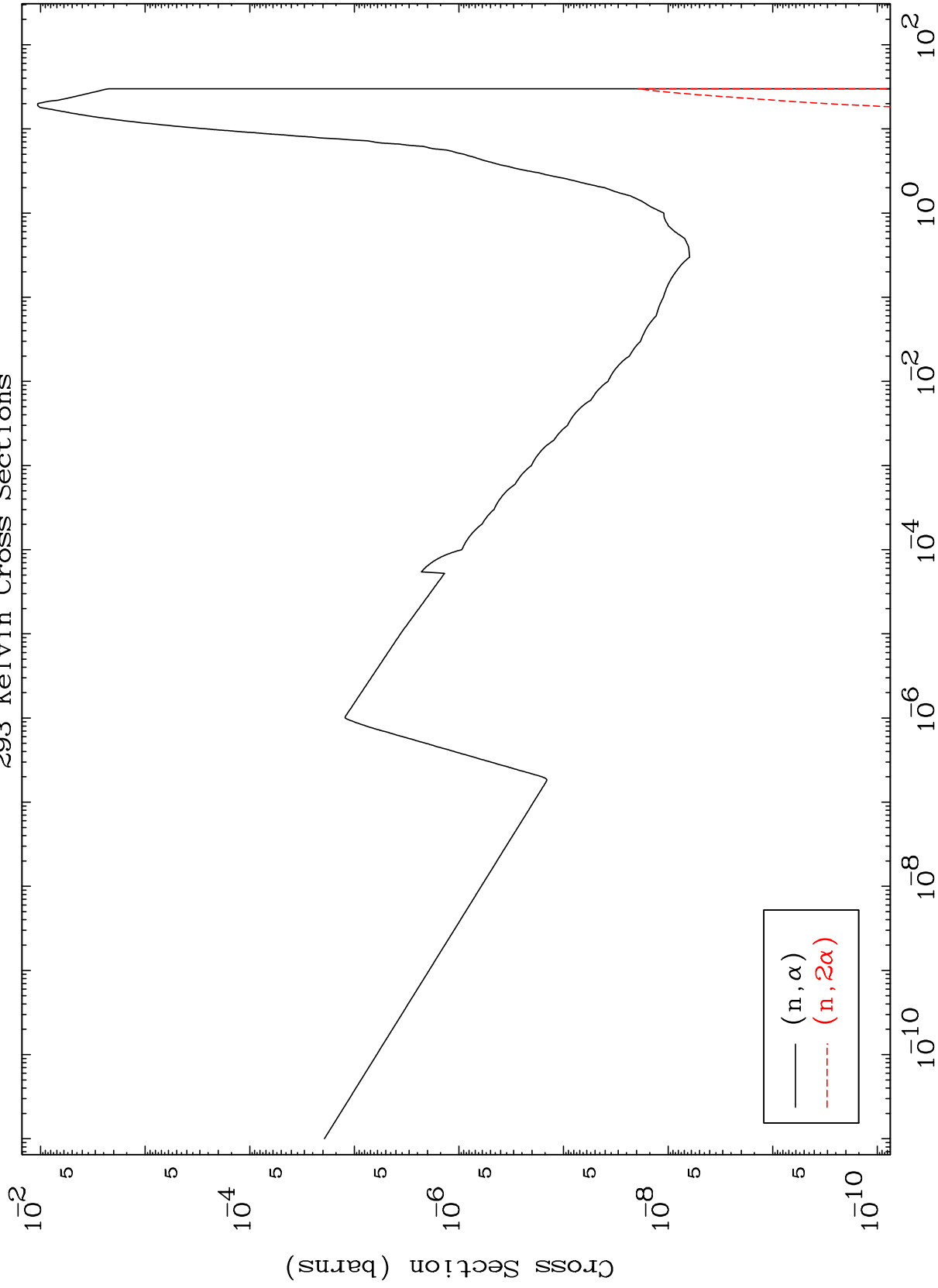
Incident Energy (MeV)

61-Pm-150

MAT 6158

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-150



15

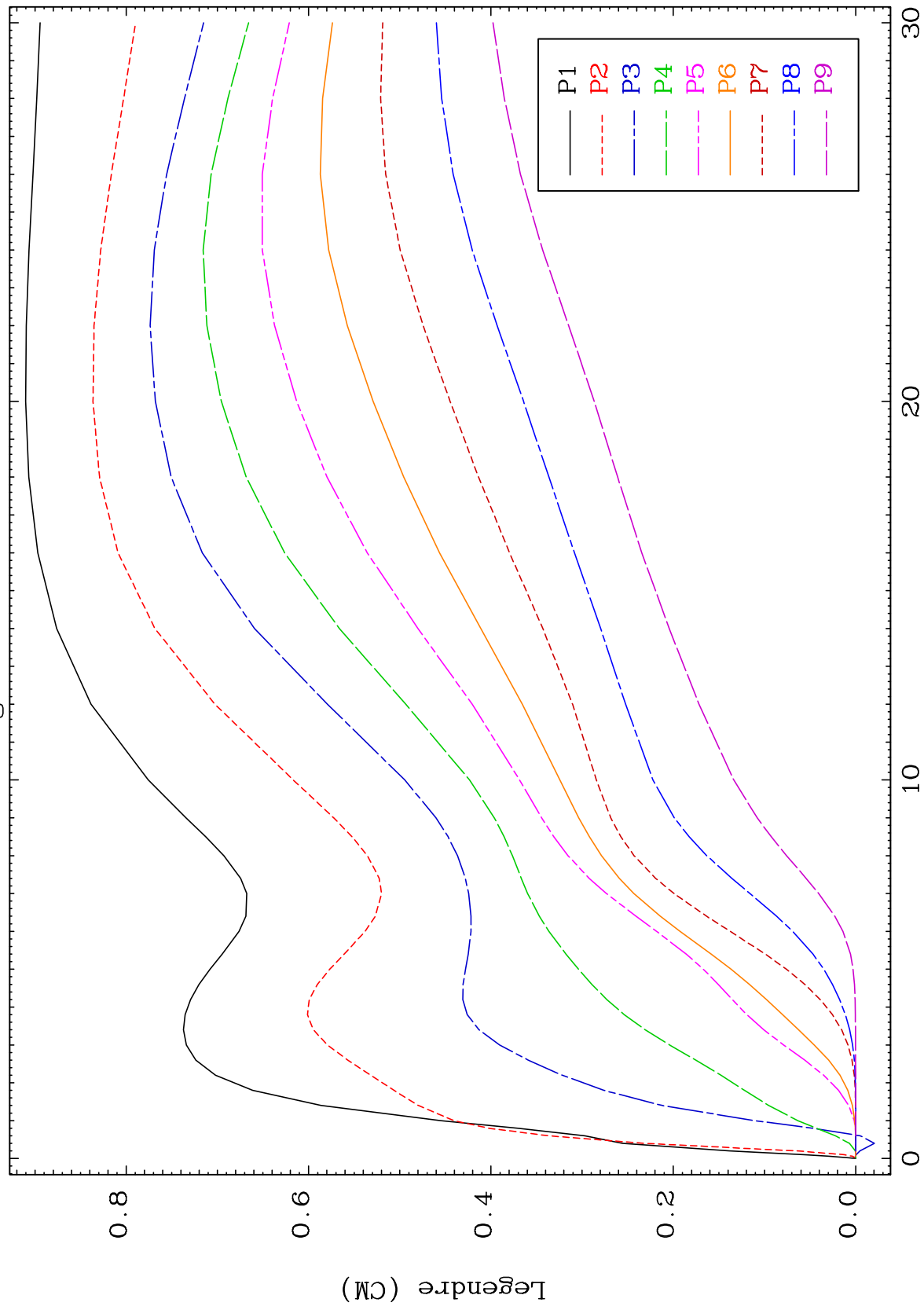
Incident Energy (MeV)

61-Pm-150

MAT 6158

Elastic Legendre Coefficients

61-Pm-150



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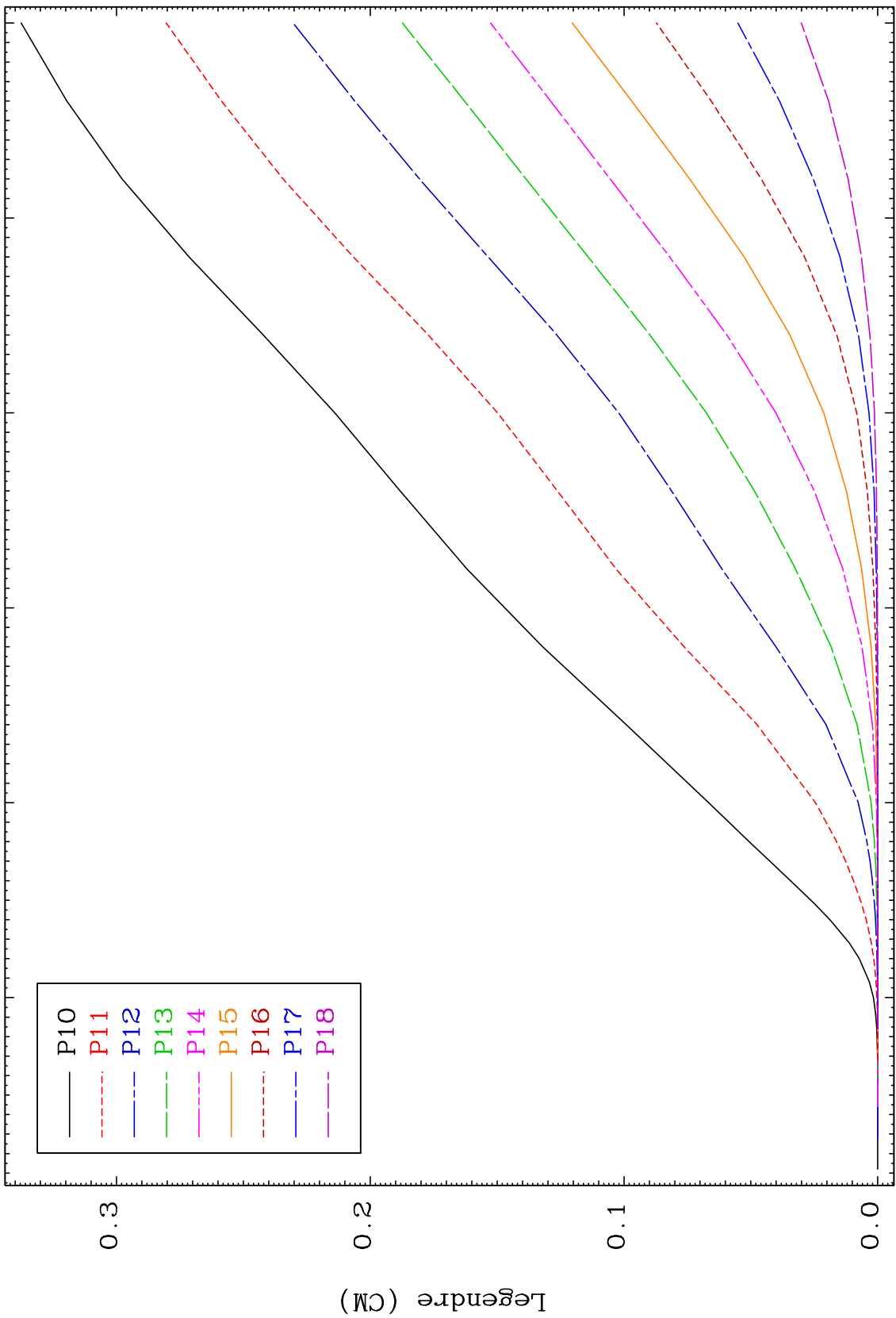
Incident Energy (MeV)

61-Pm-150

MAT 6158

Elastic Legendre Coefficients

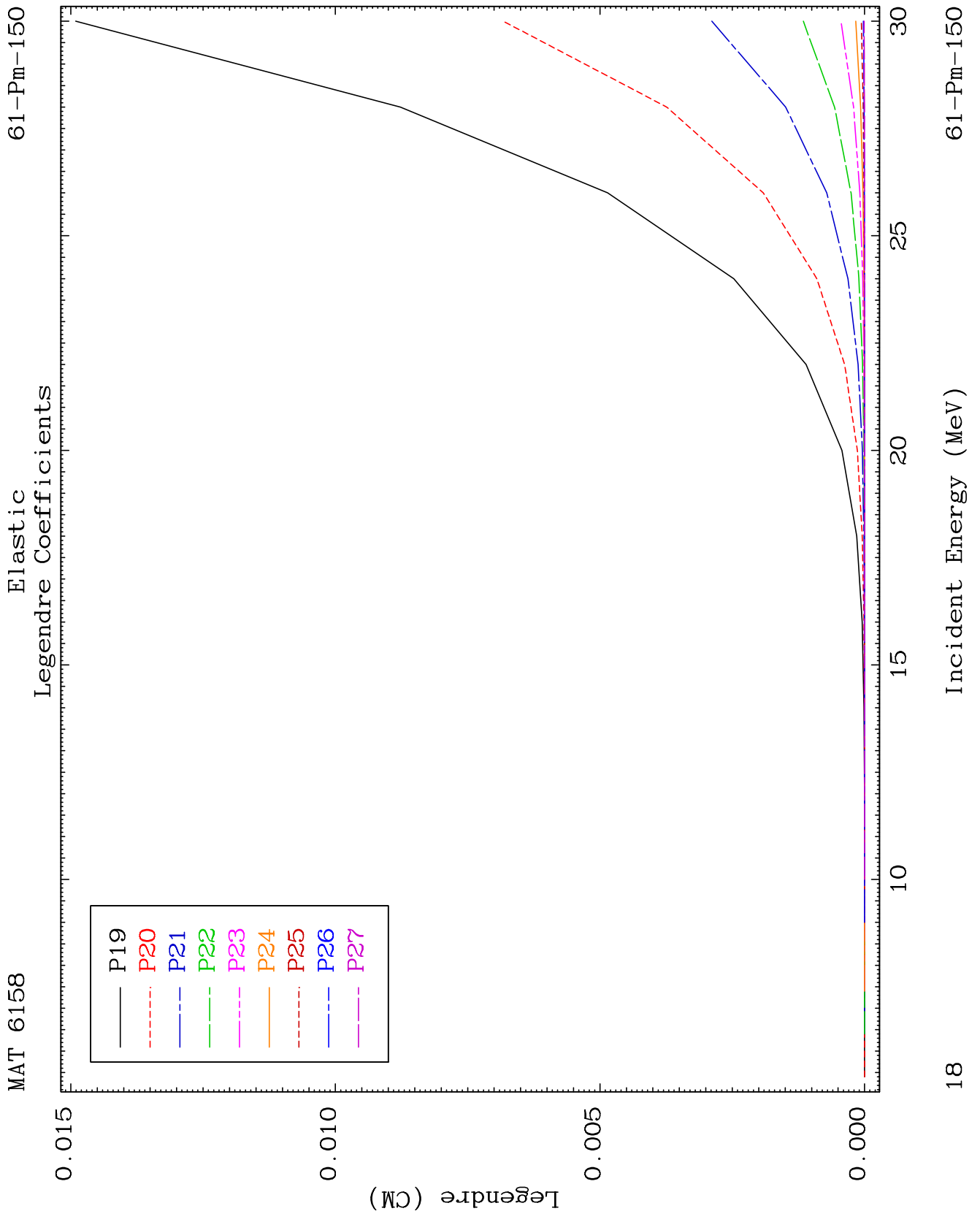
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17

Incident Energy (MeV)

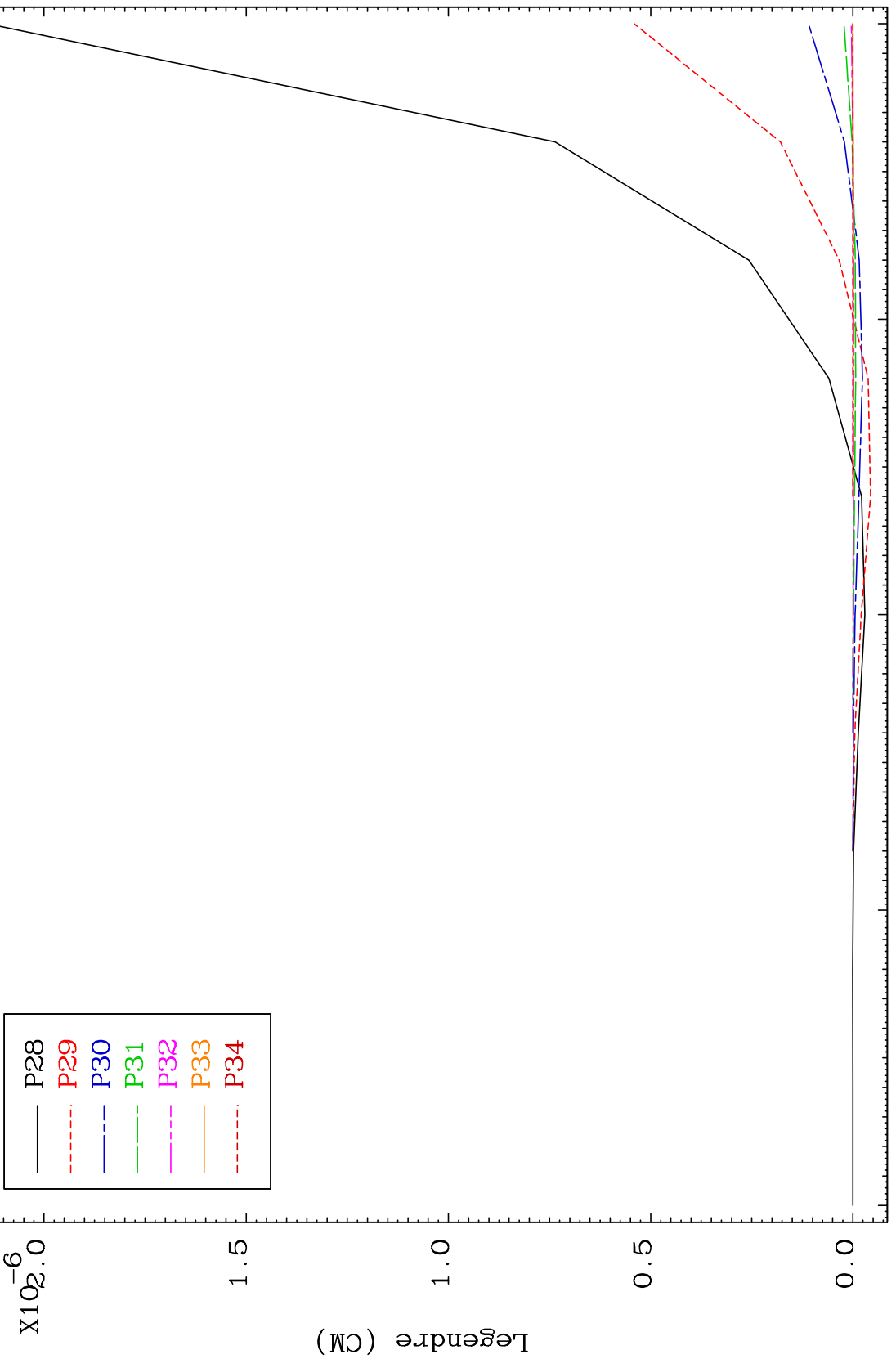
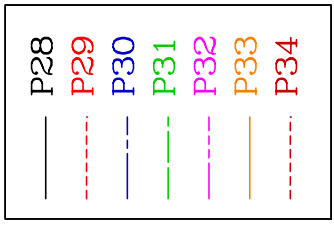
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MAT 6158

Elastic Legendre Coefficients

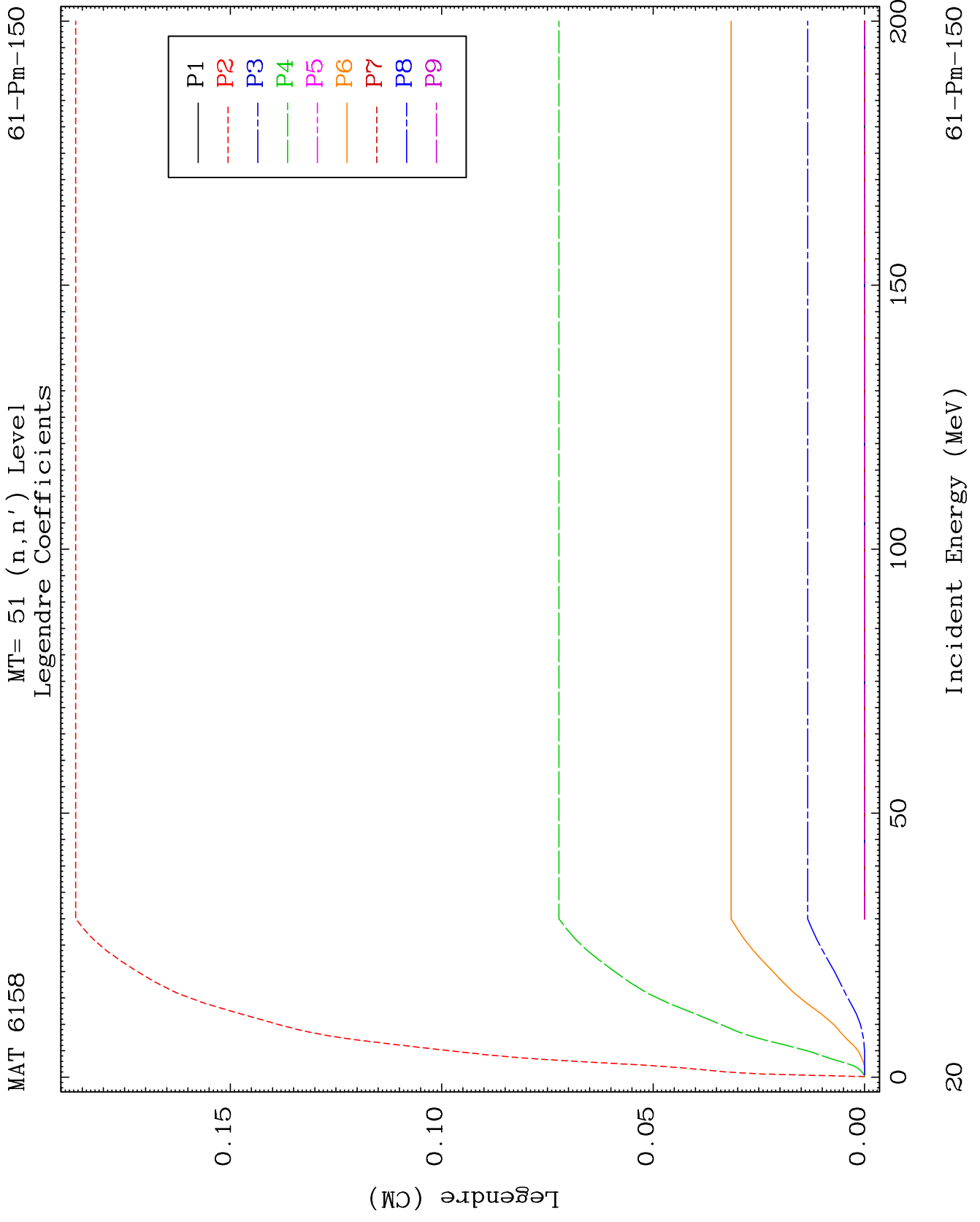
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19

Incident Energy (MeV)

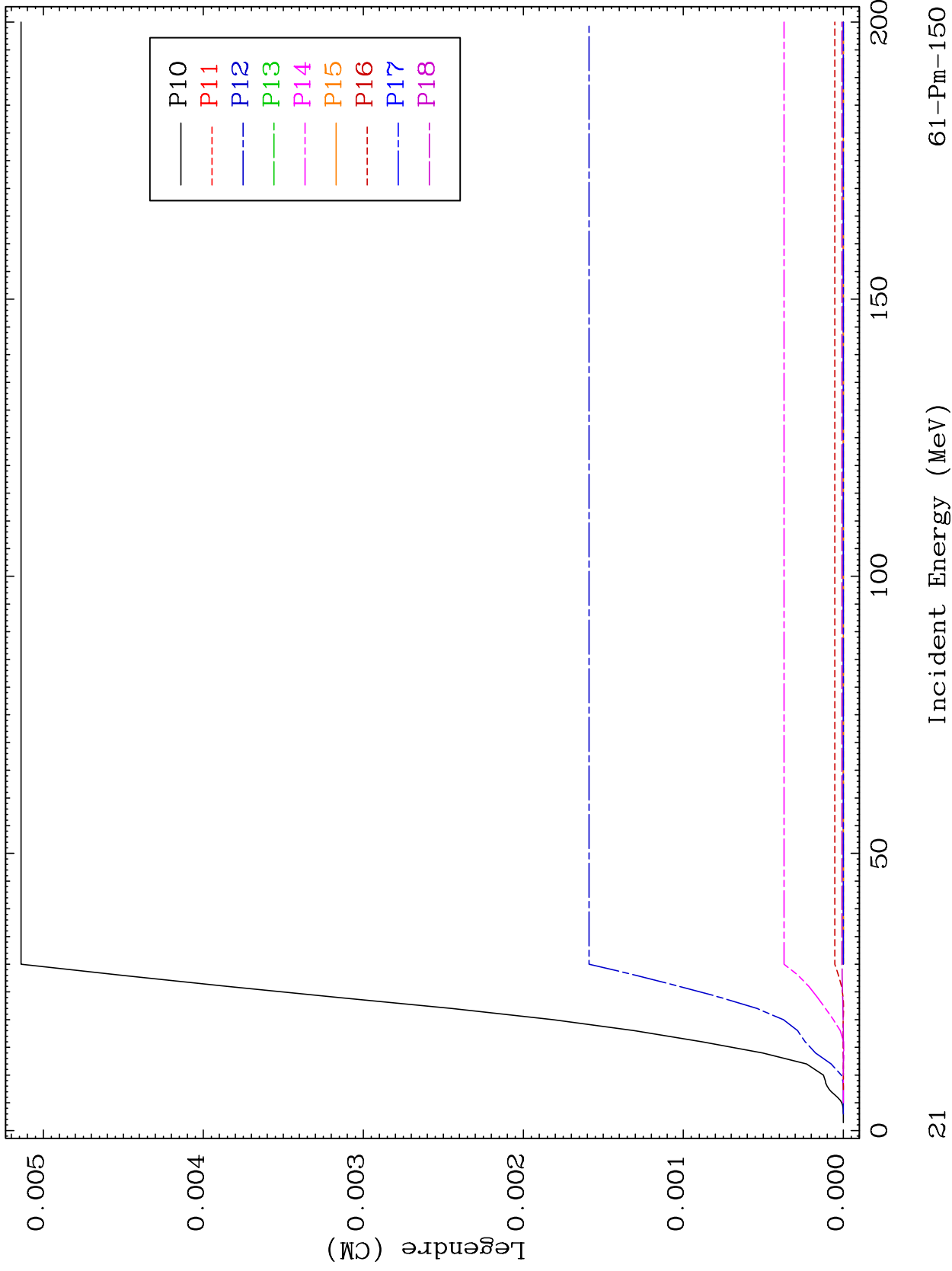
61-Pm-150



MAT 6158

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

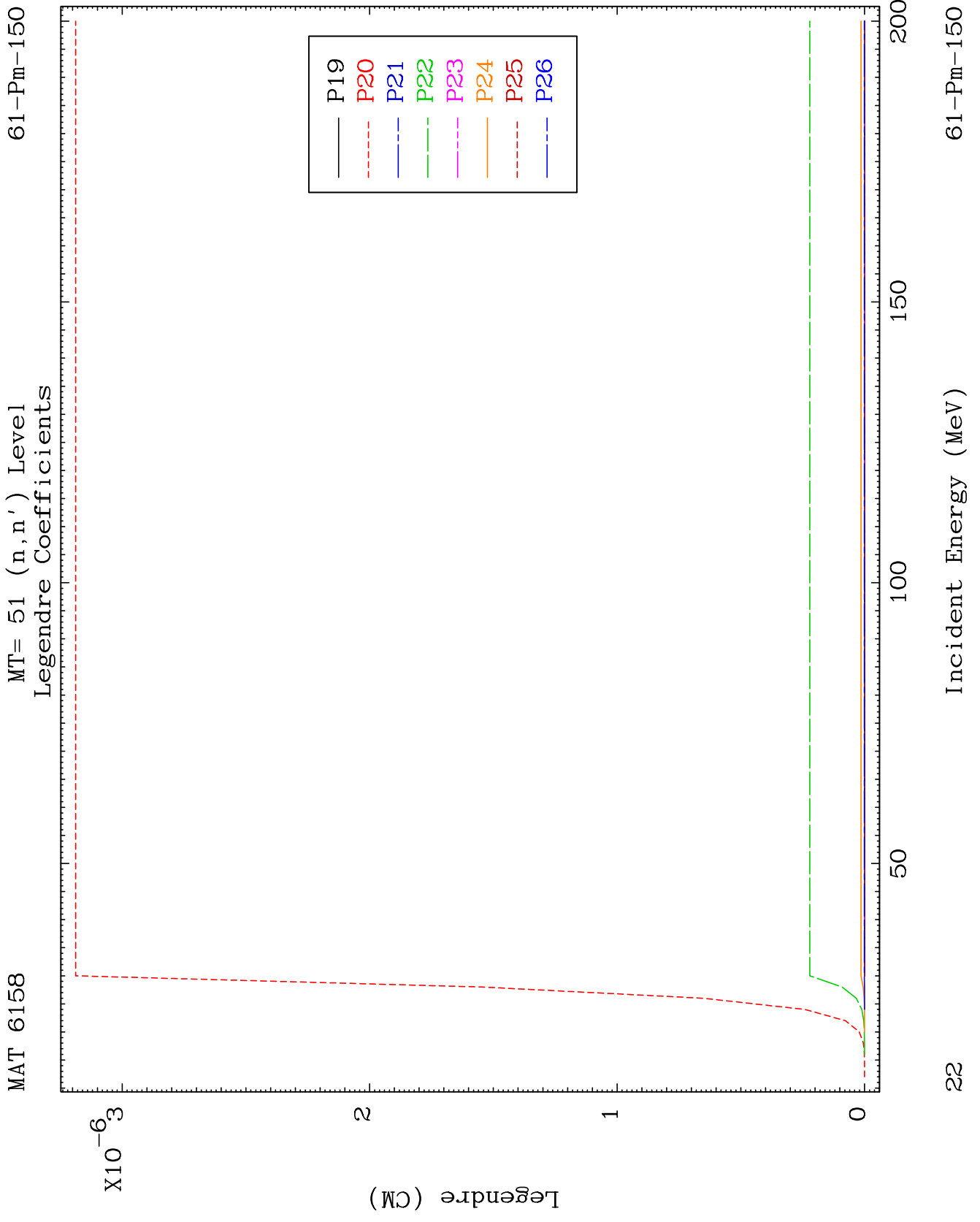
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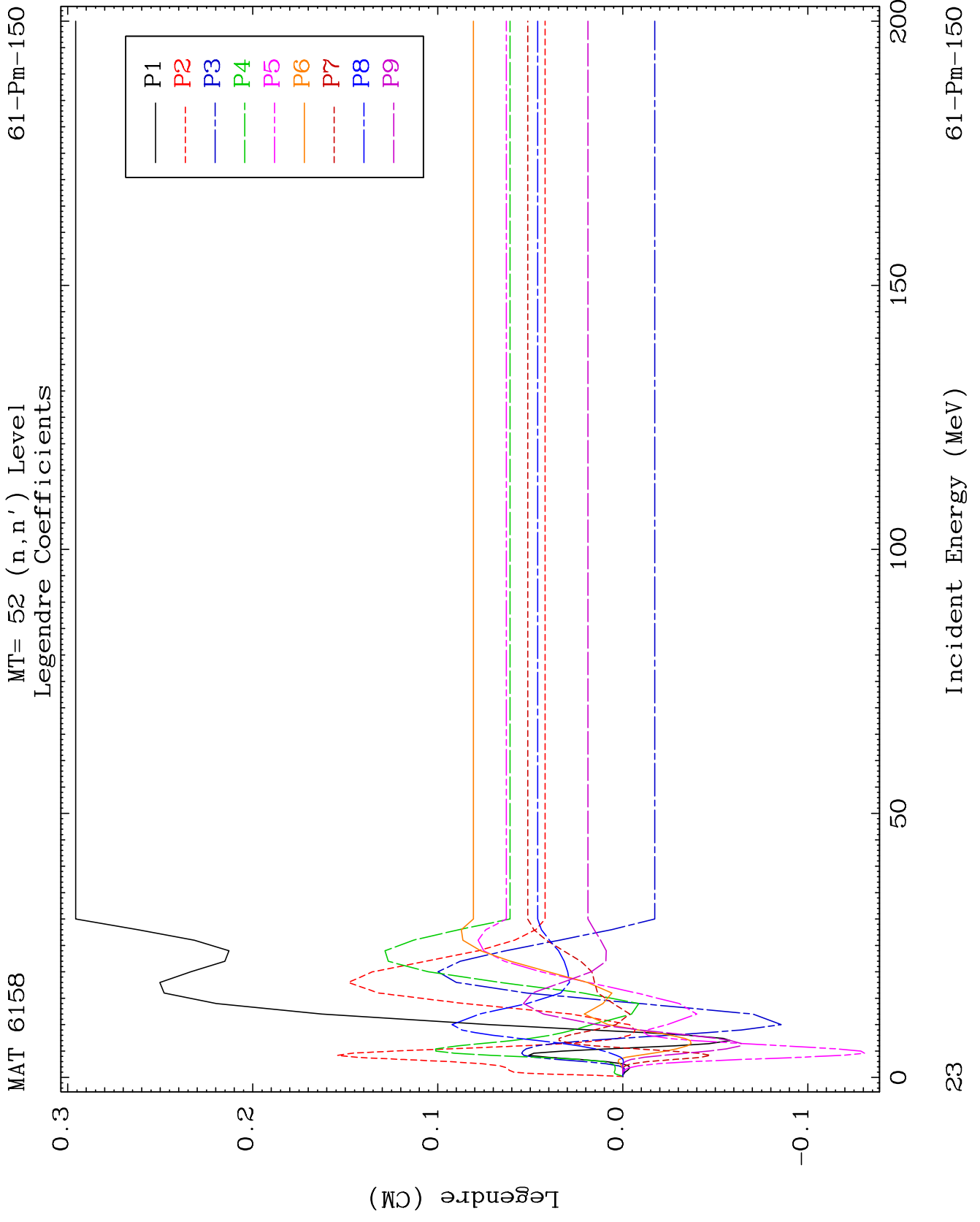


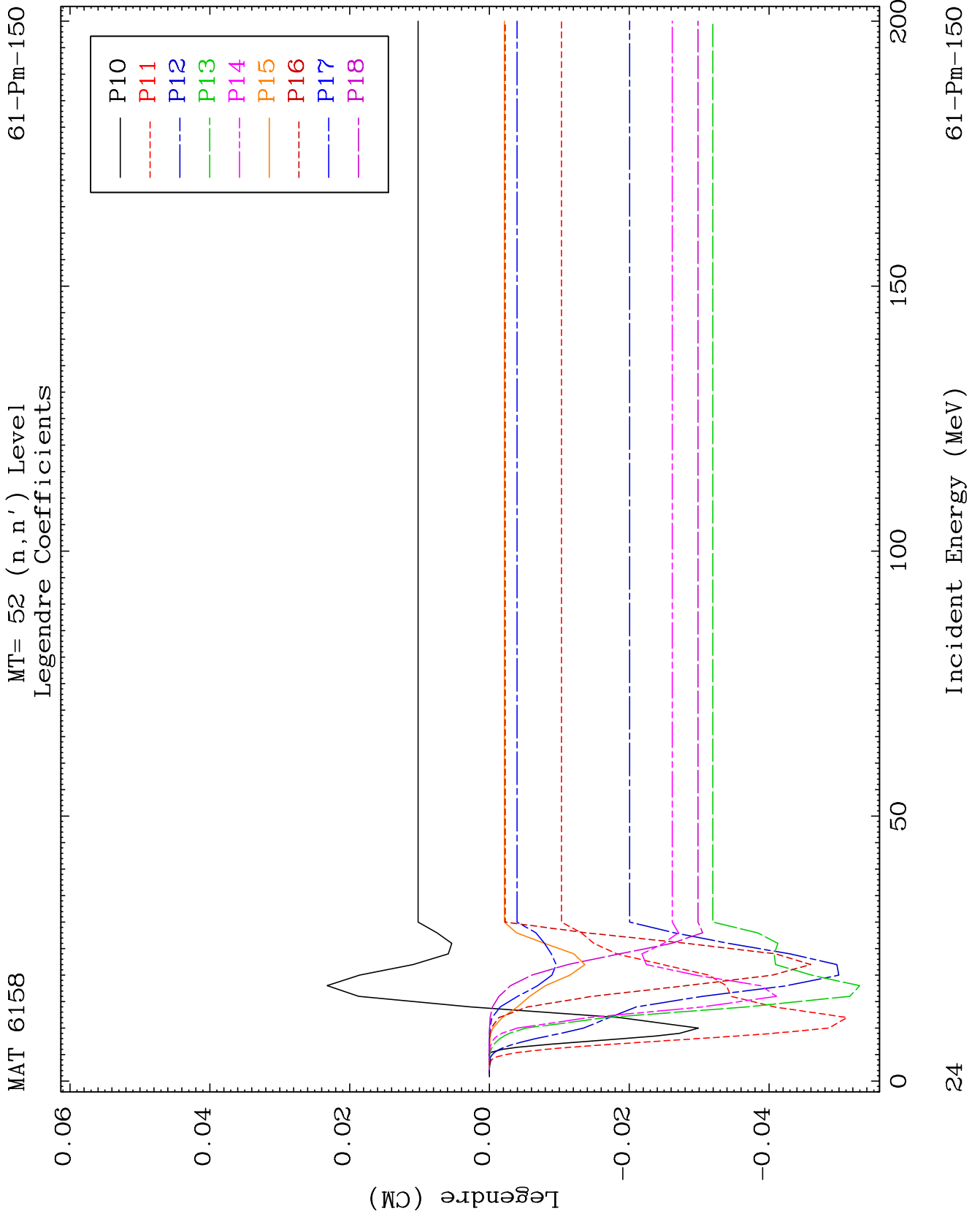
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Incident Energy (MeV)

61-Pm-150



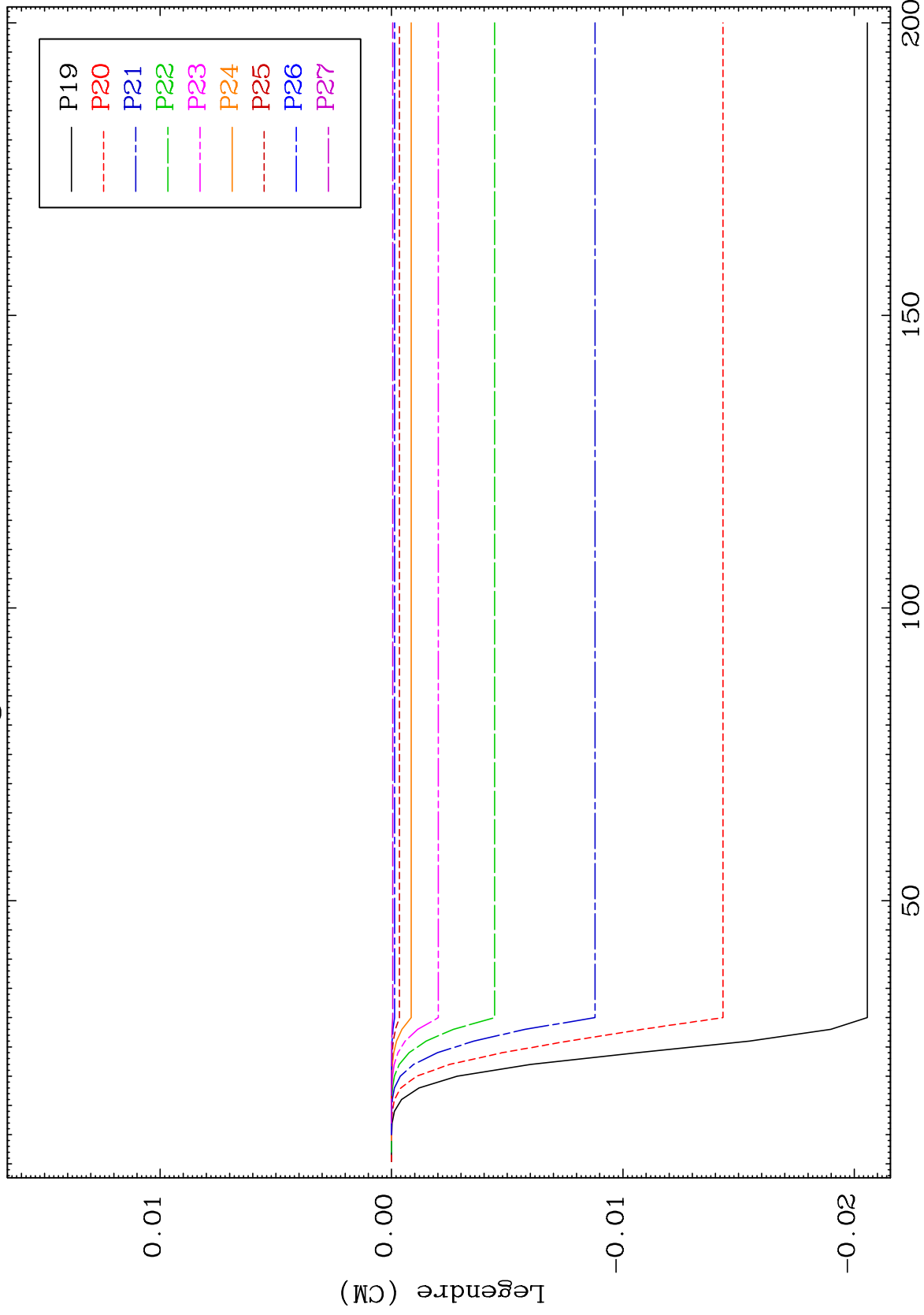




MAT 6158

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

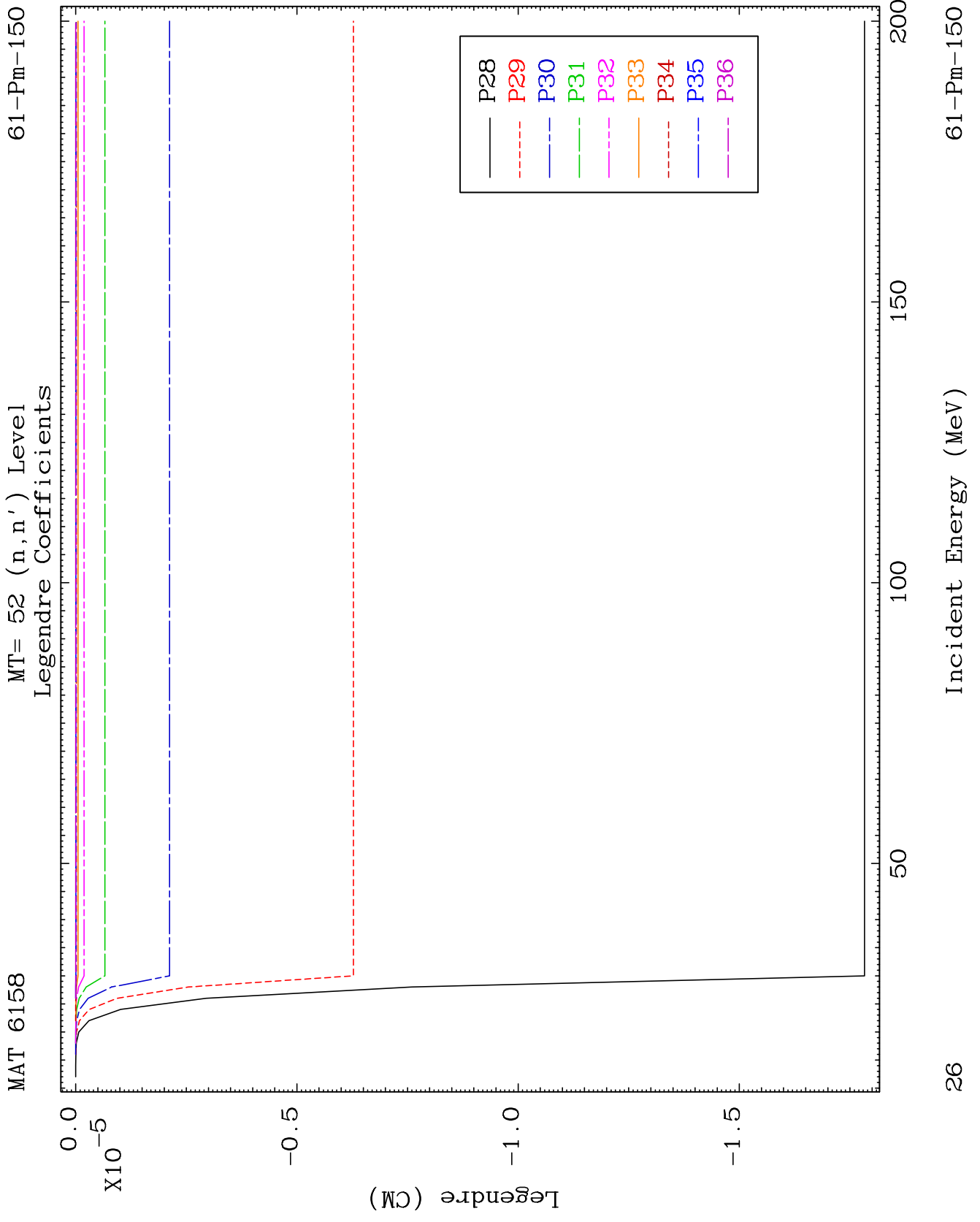
61-Pm-150



25

Incident Energy (MeV)

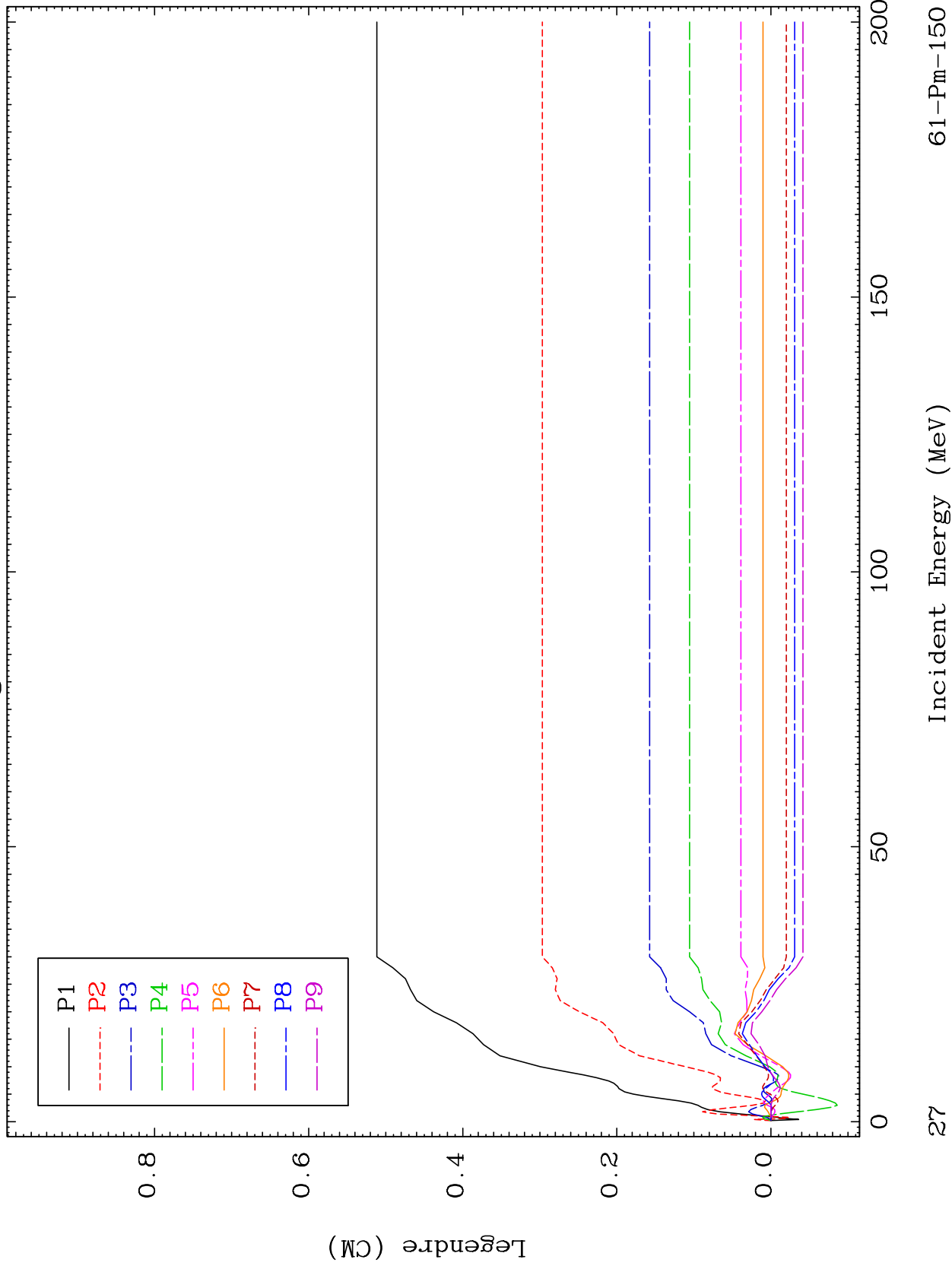
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MAT 6158

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

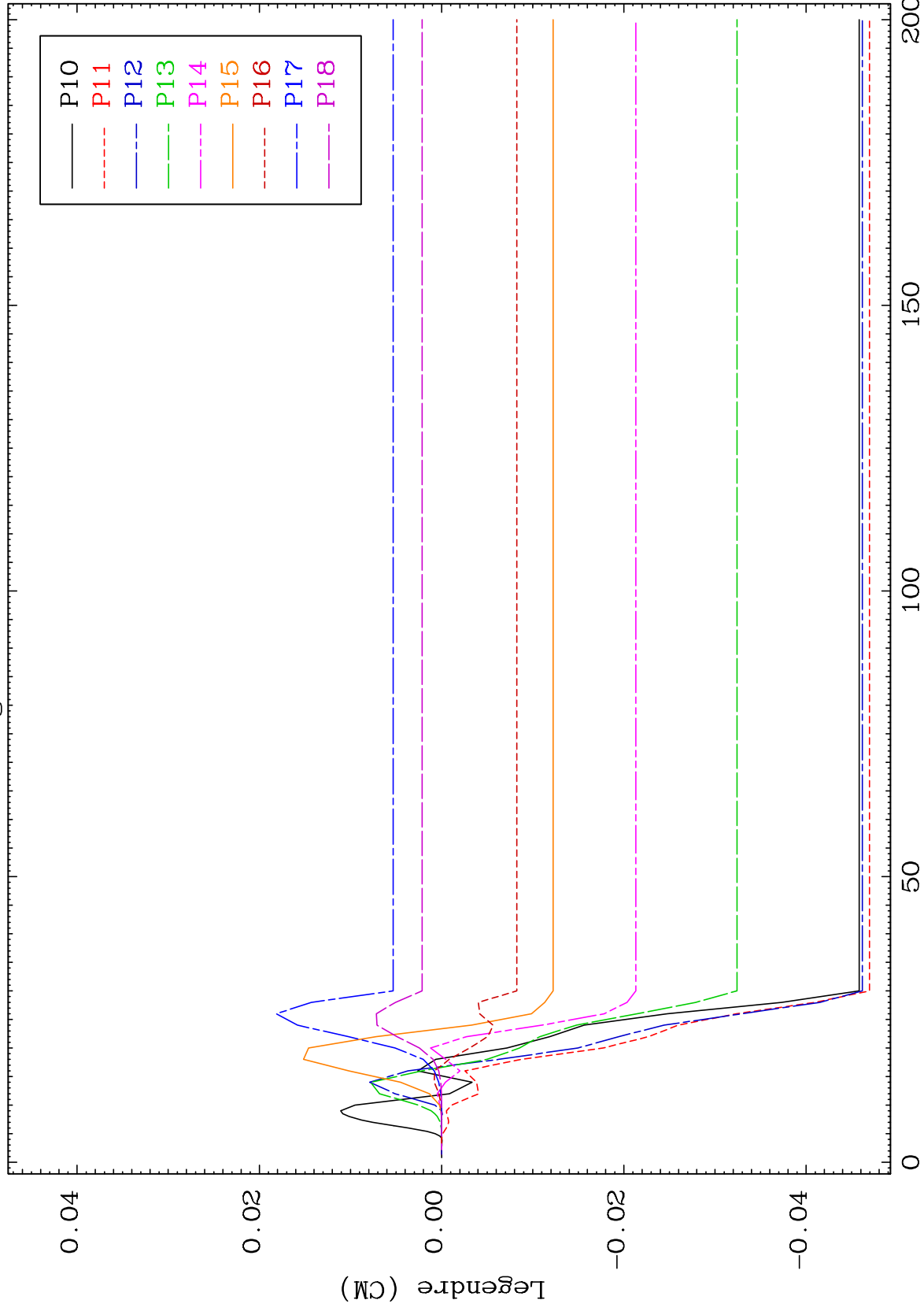
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MAT 6158

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

61-Pm-150



28

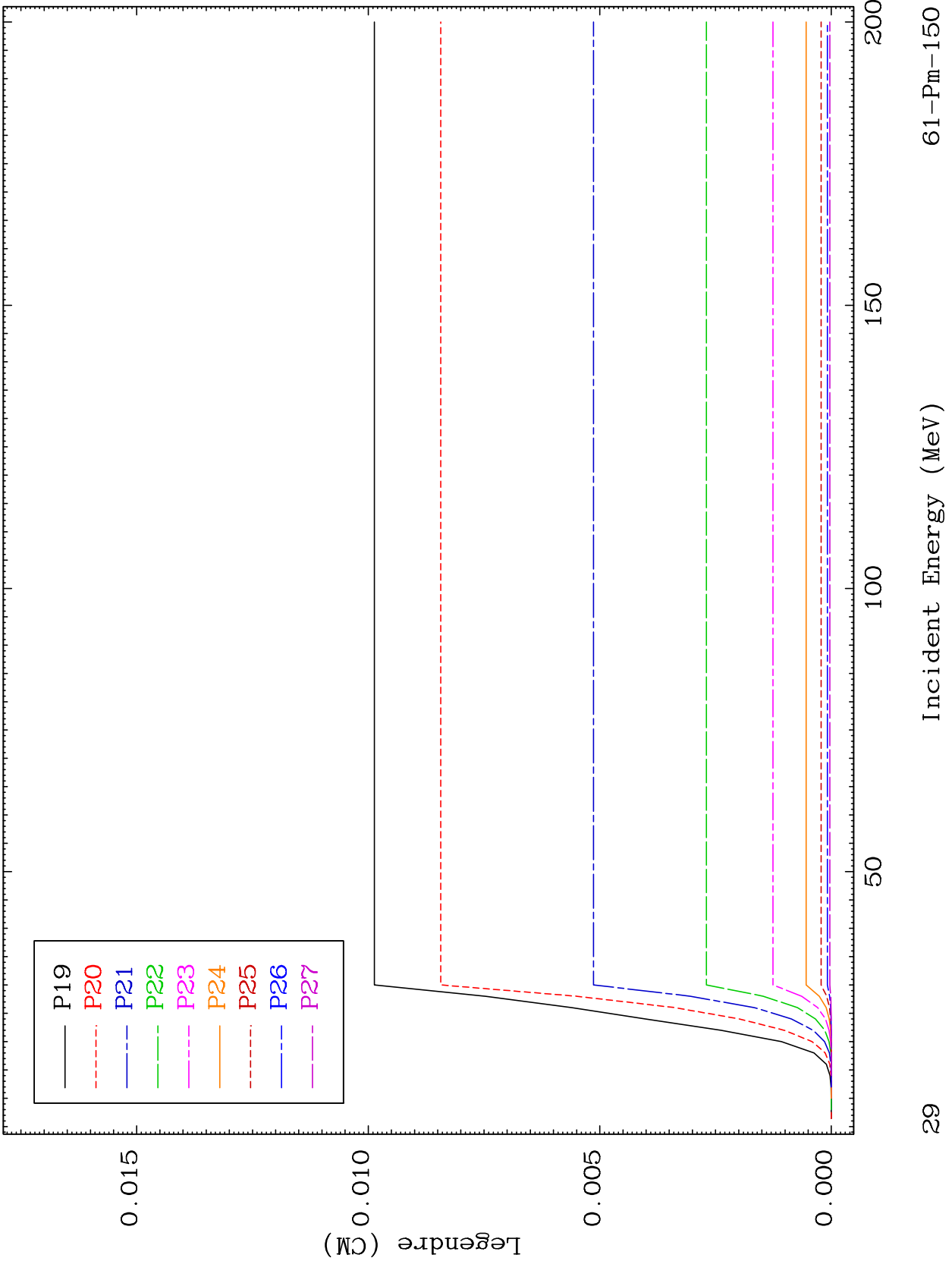
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

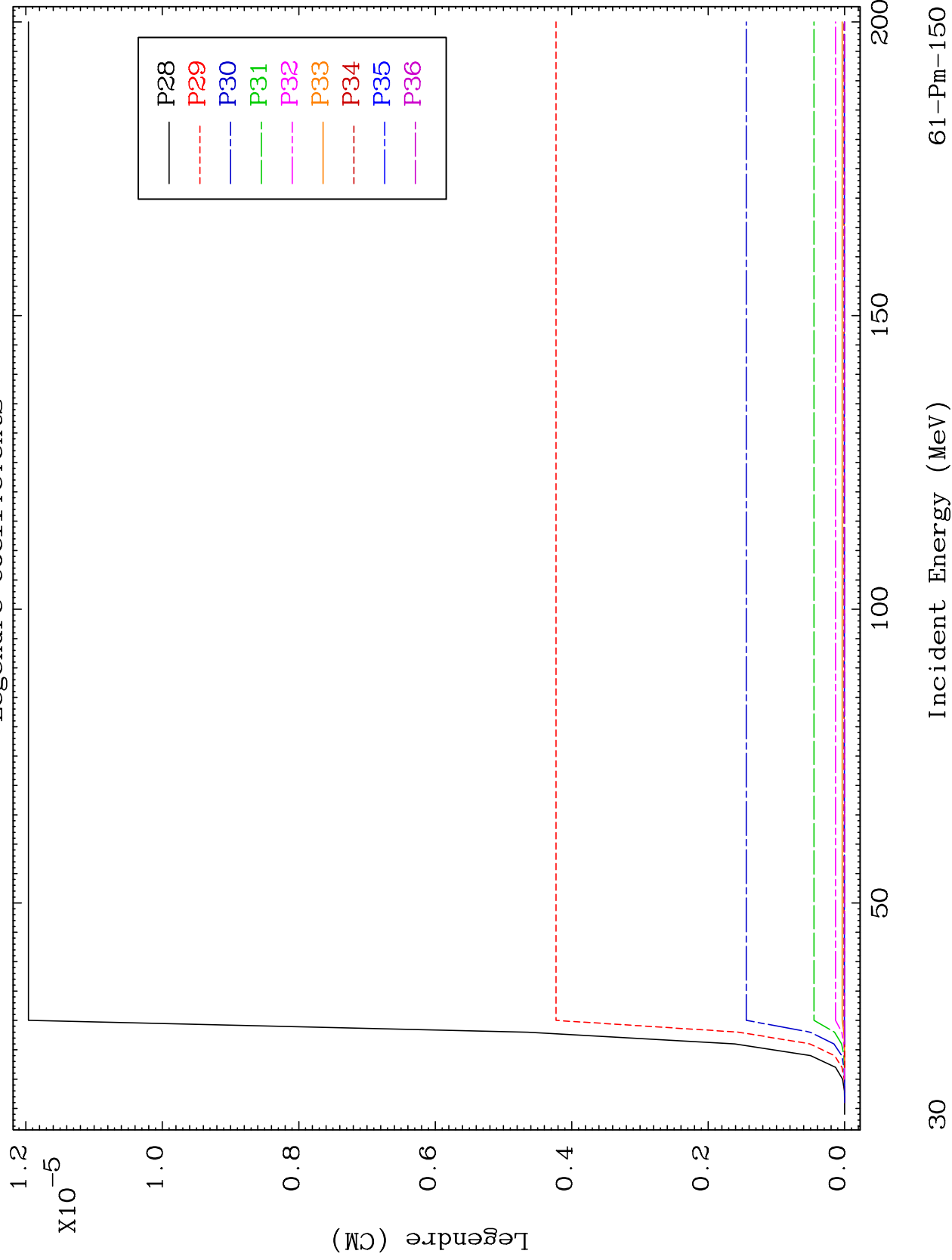
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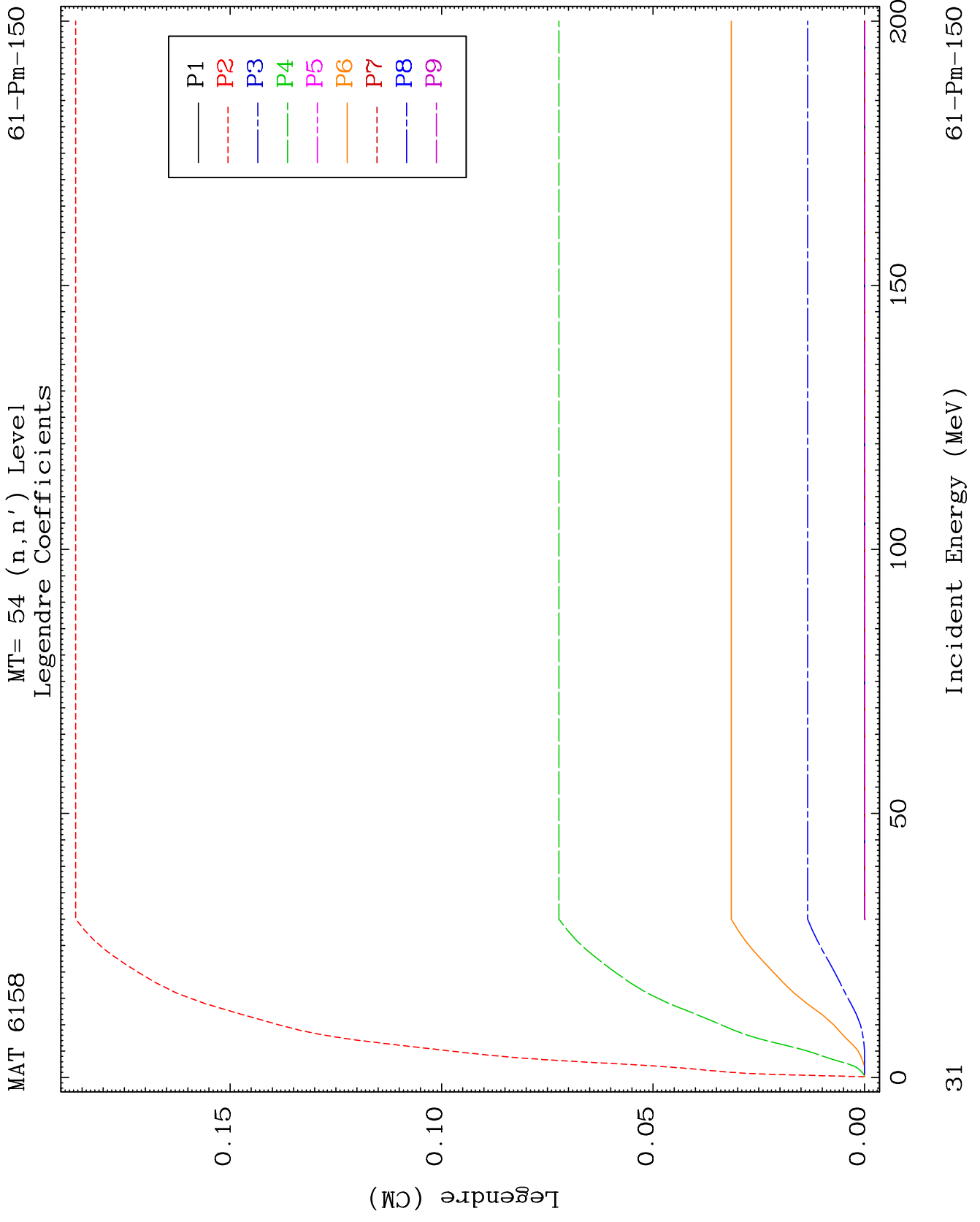


MAT 6158

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

61-Pm-150

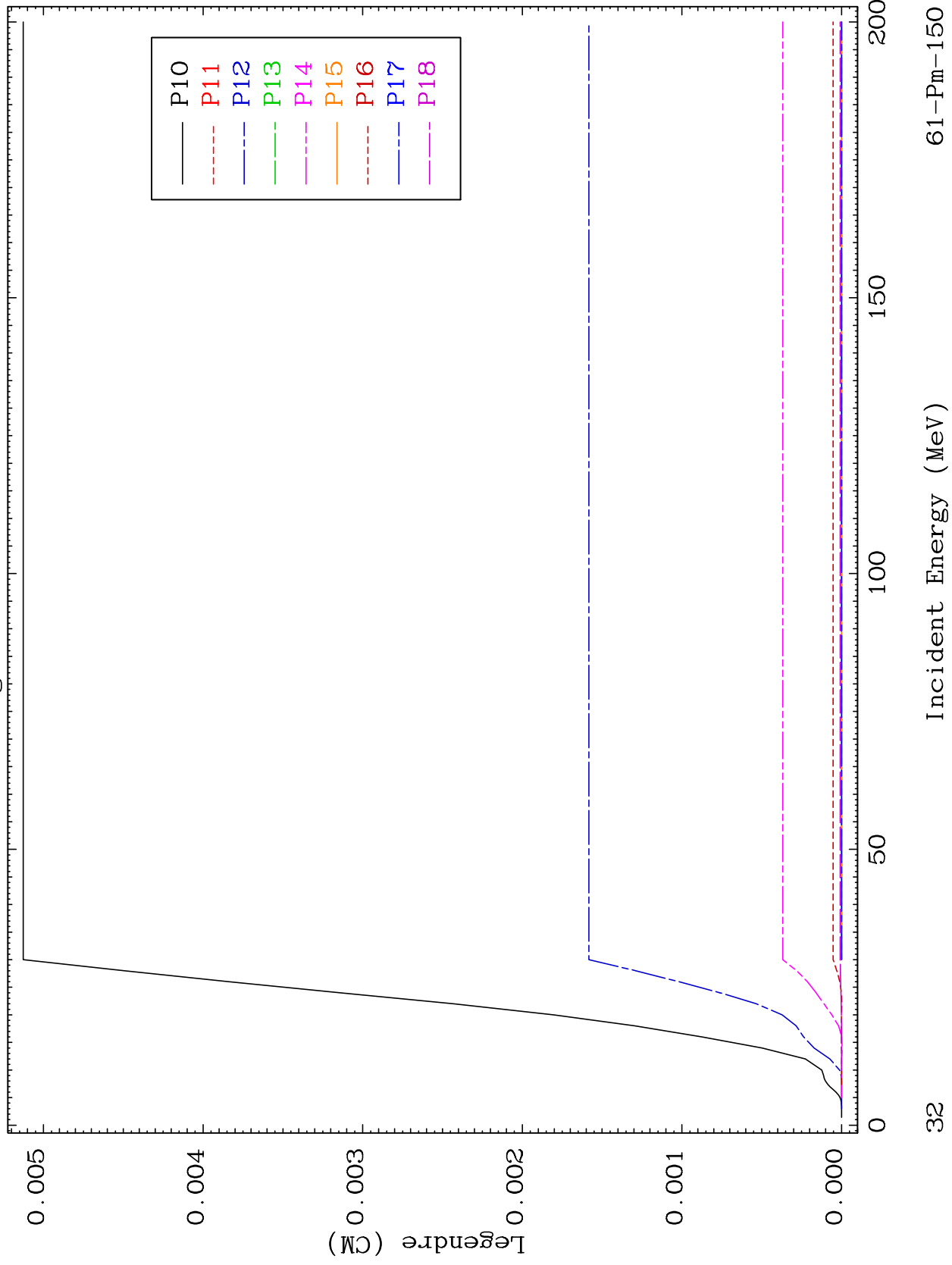




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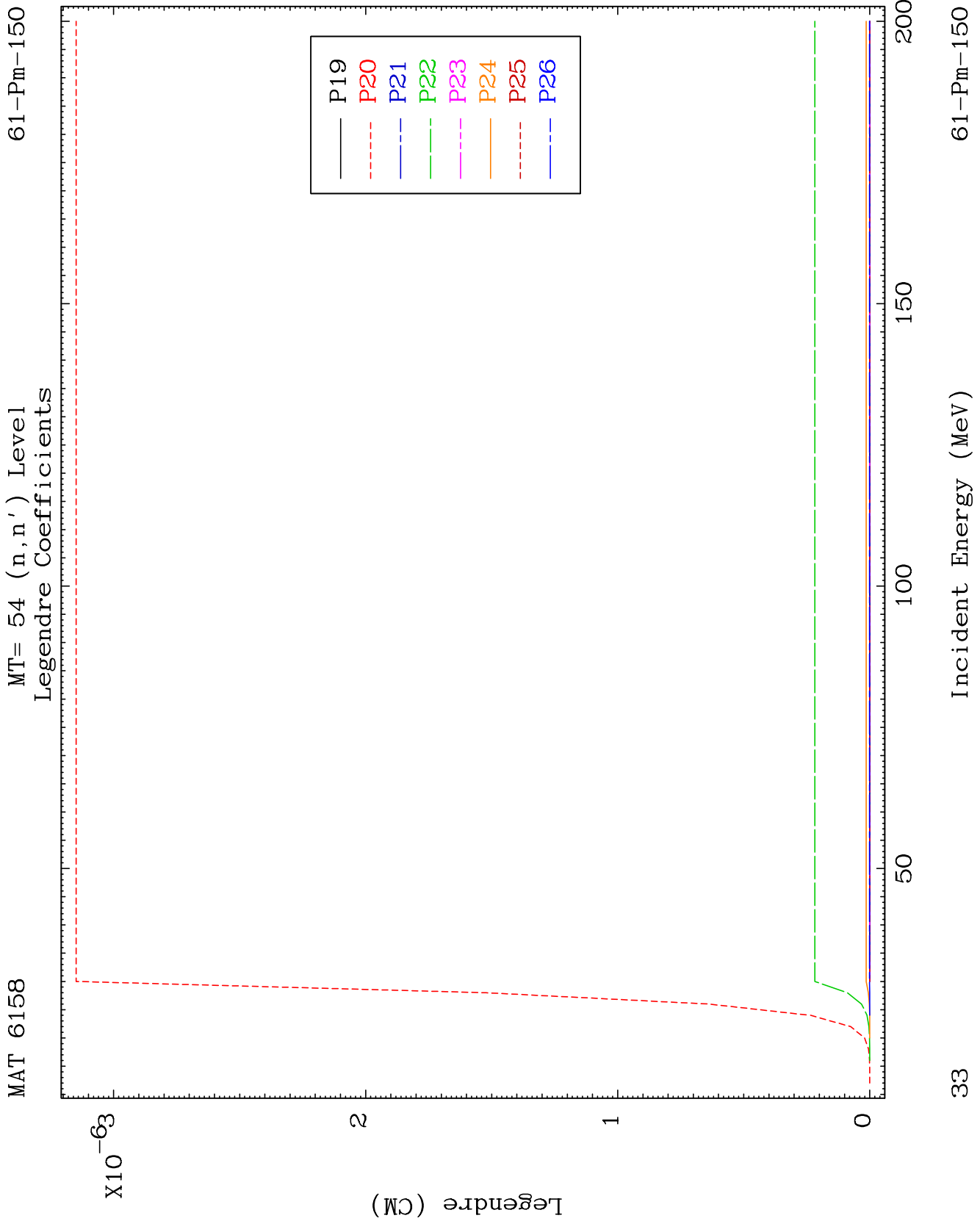
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Legendre Coefficients

61-Pm-150



32

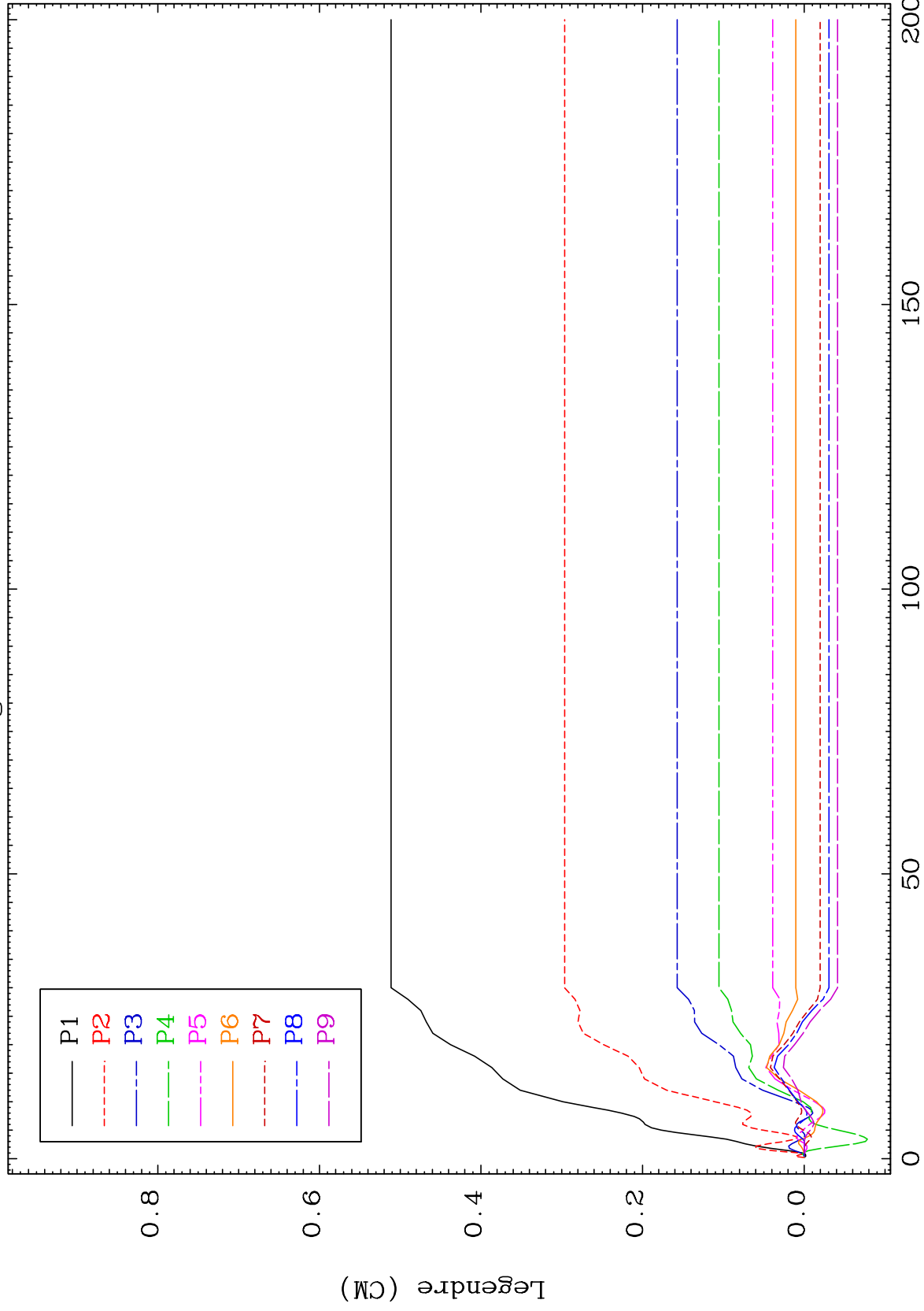
61-Pm-150



MAT 6158

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

61-Pm-150



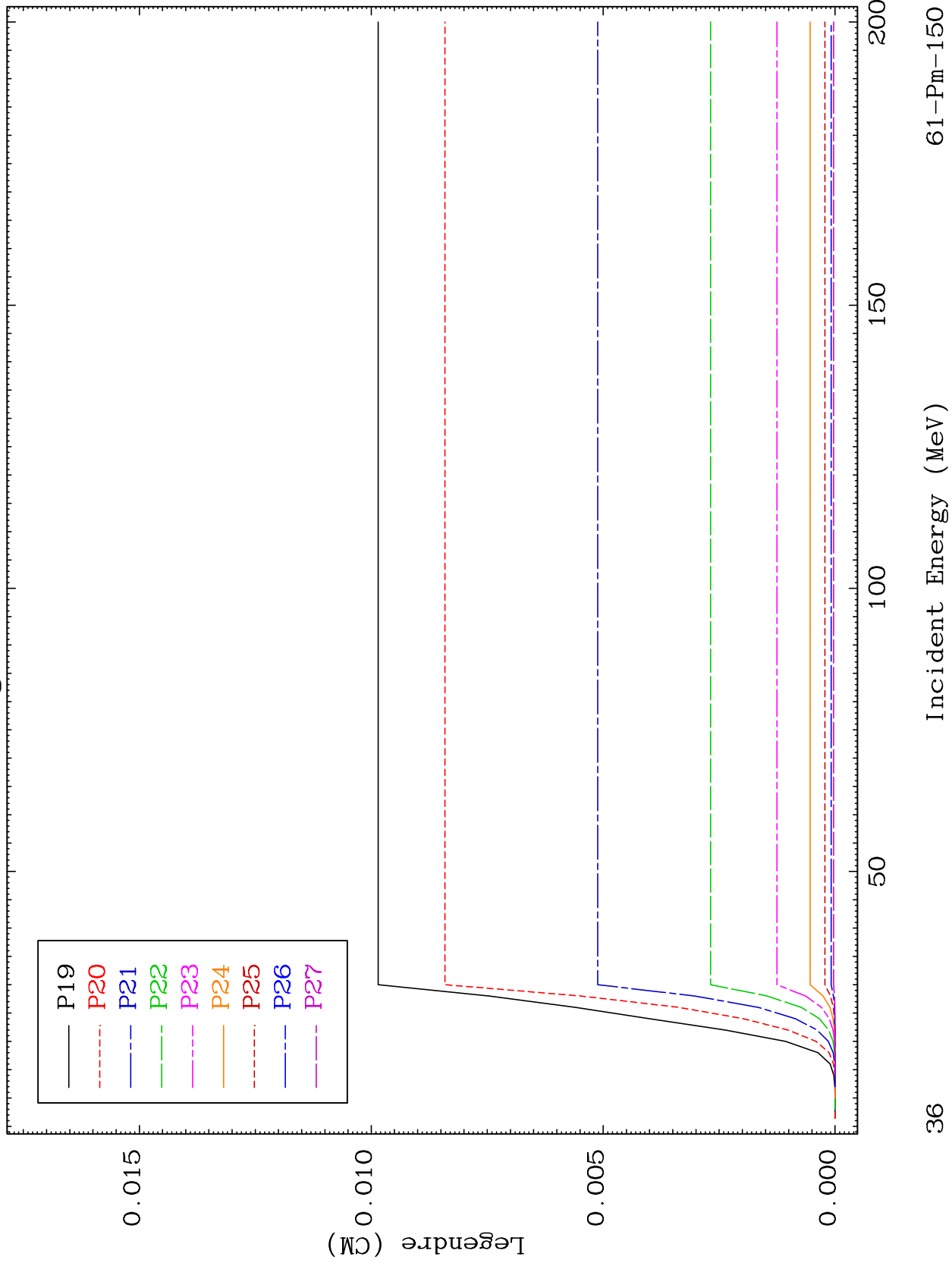
34

61-Pm-150

MAT 6158

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

61-Pm-150



36

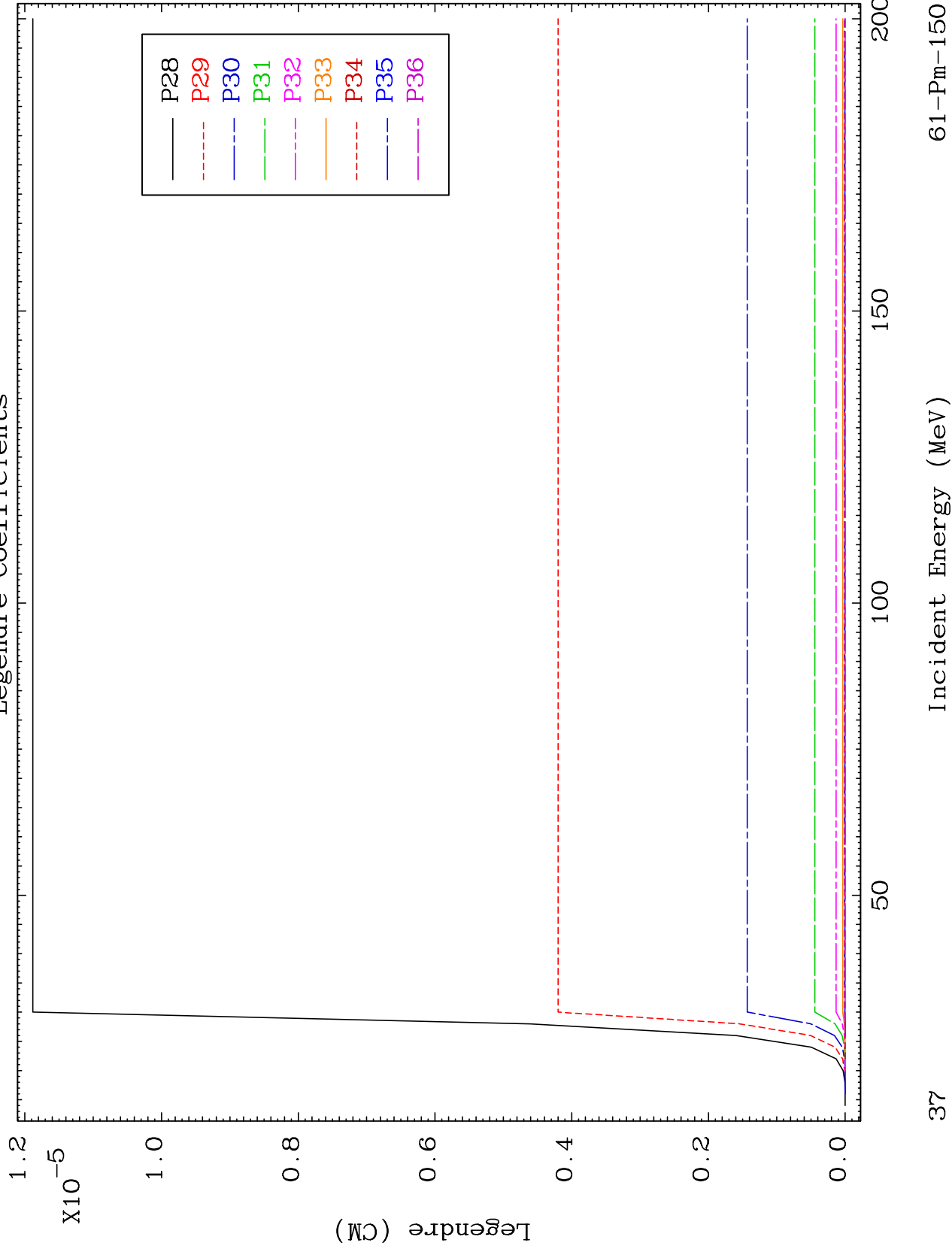
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150

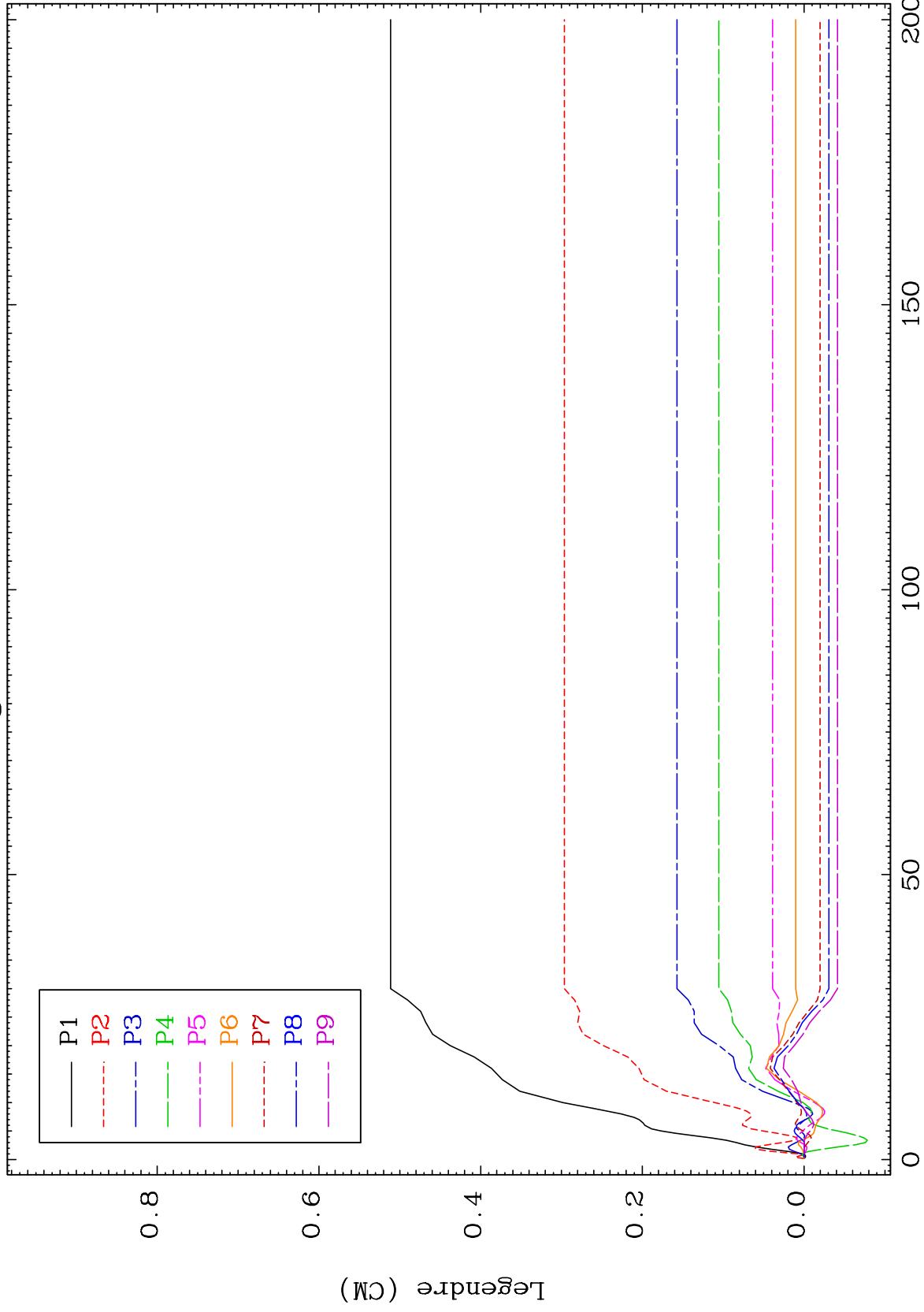


37

MAT 6158

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

61-Pm-150



38

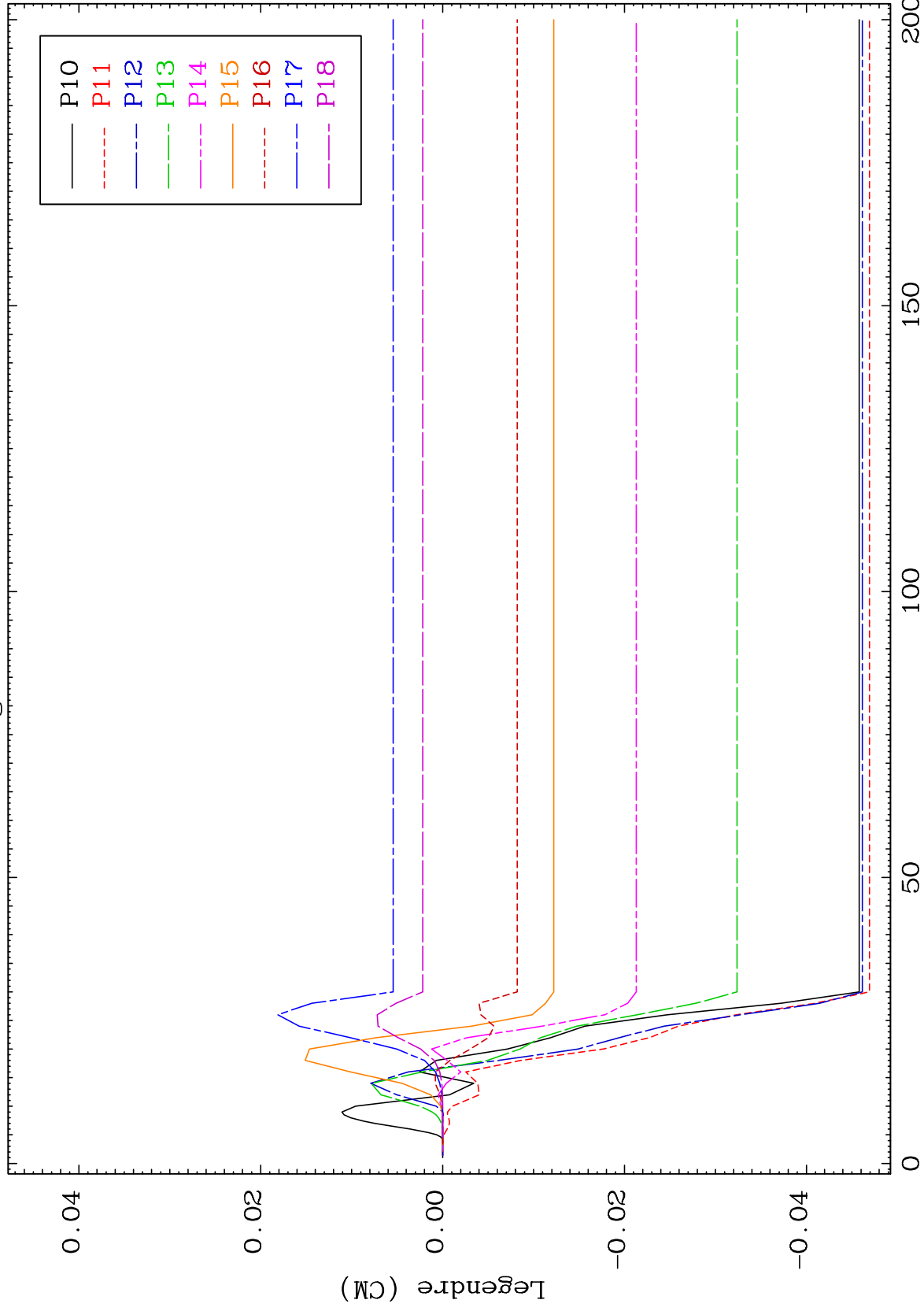
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



39

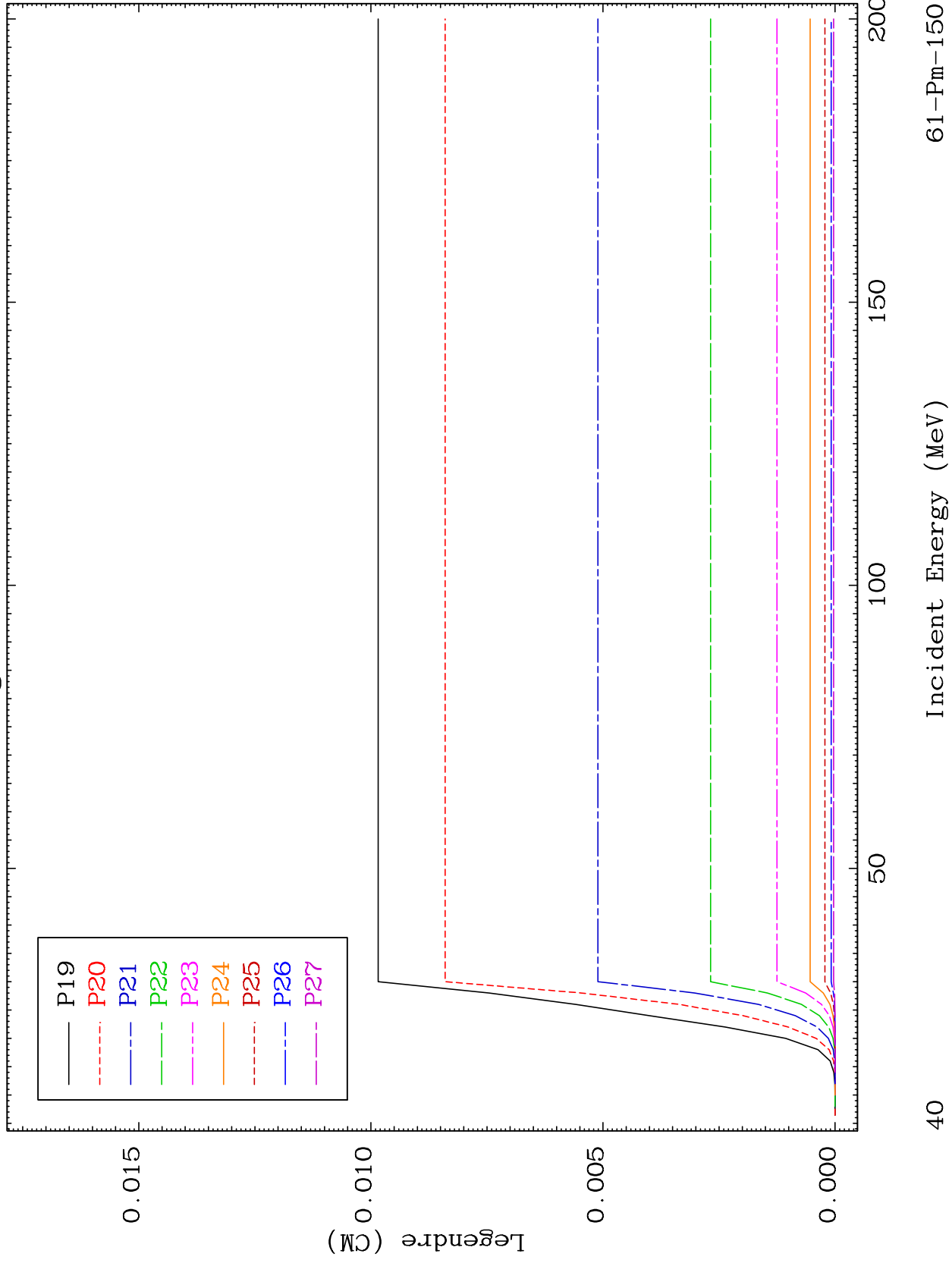
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



61-Pm-150

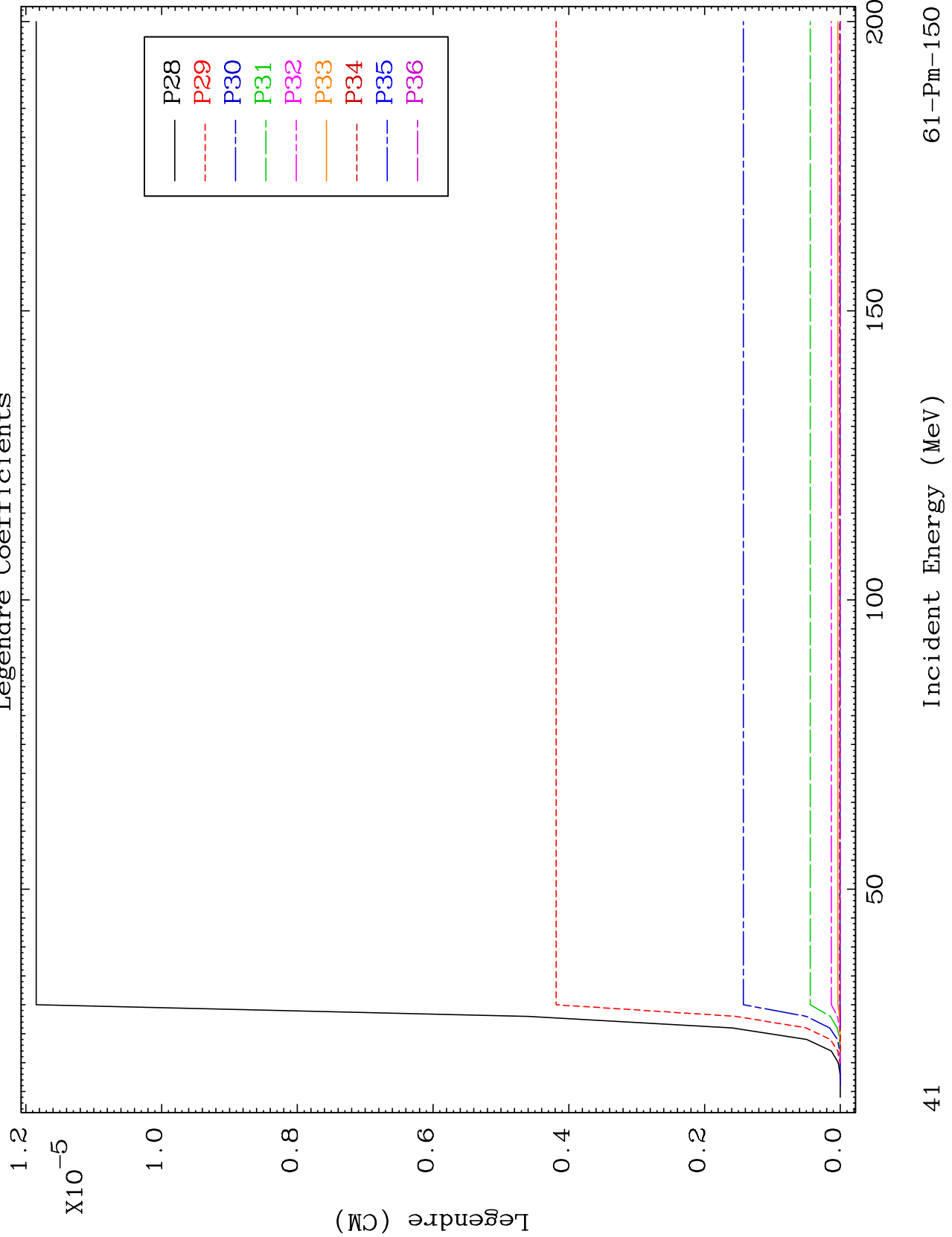
Incident Energy (MeV)

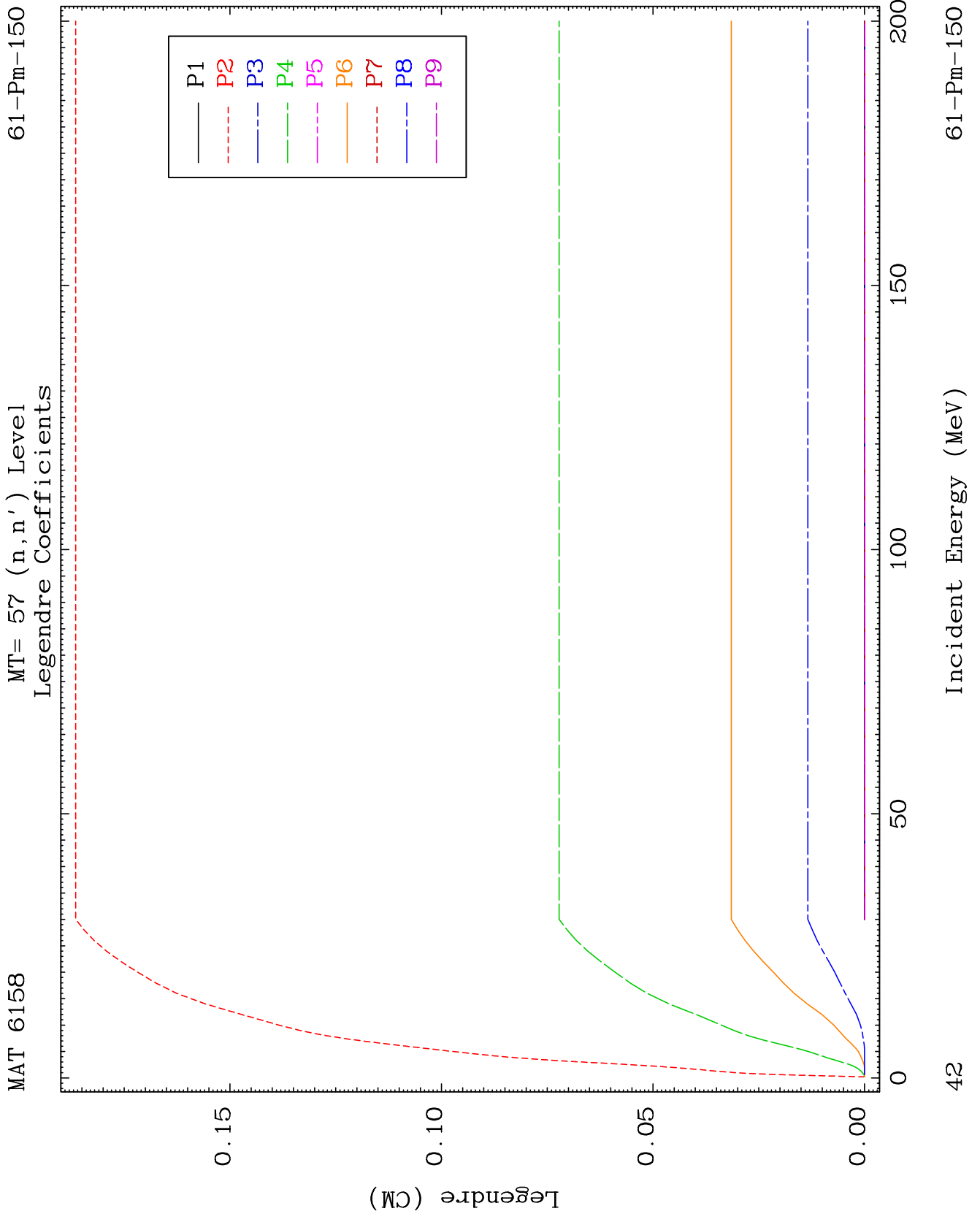
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MAT 6158

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

61-Pm-150

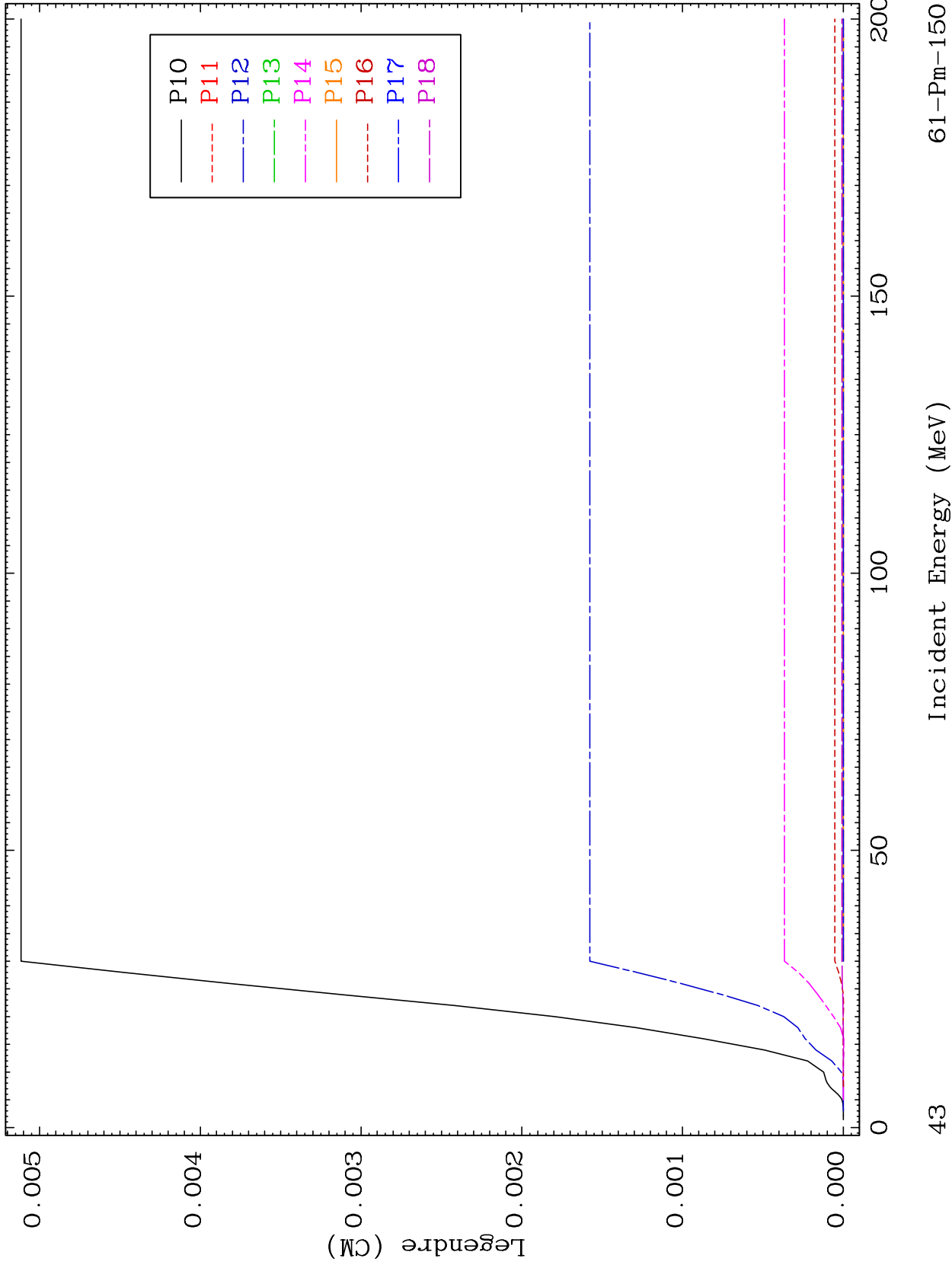




MAT 6158

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

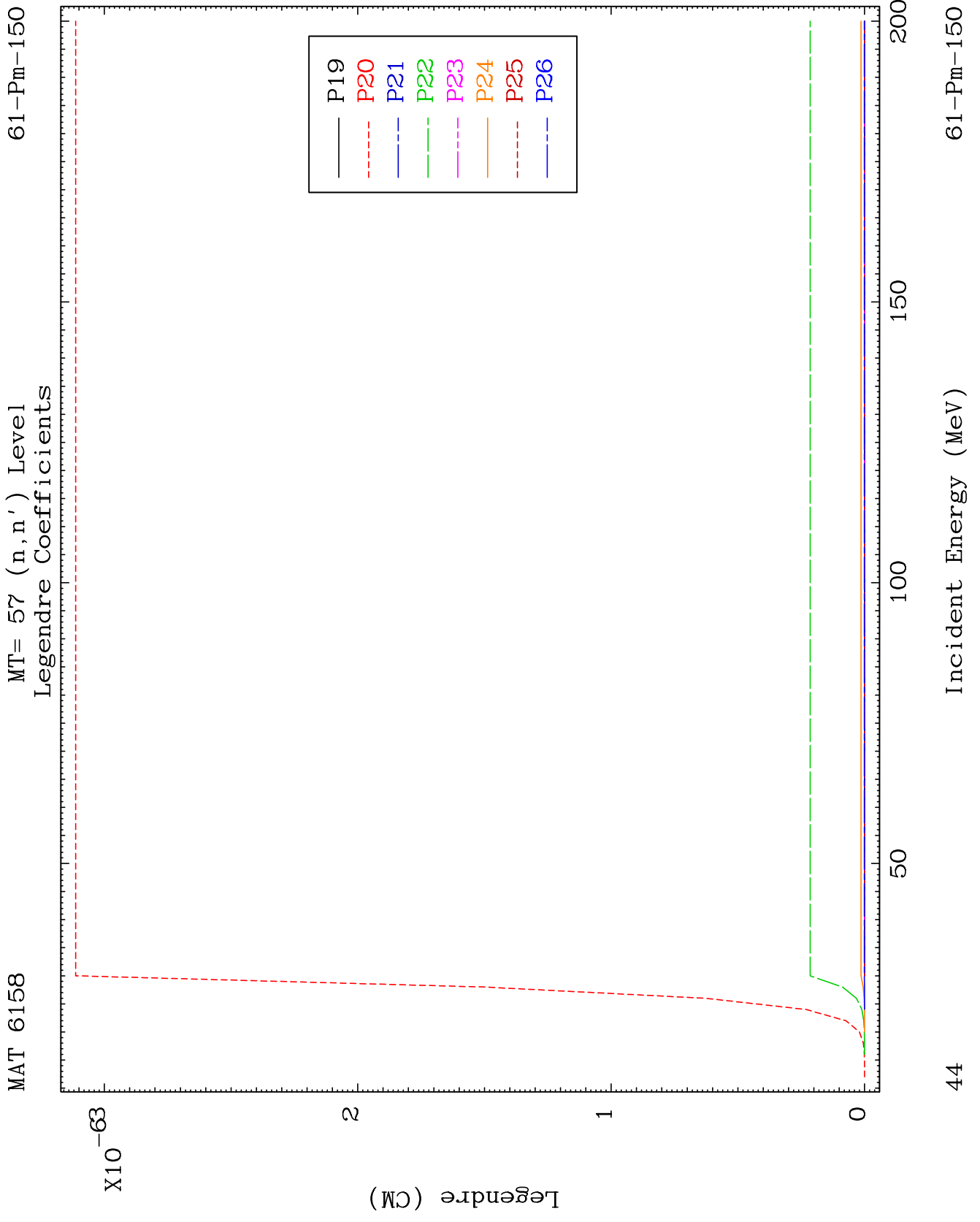
61-Pm-150



43

Incident Energy (MeV)

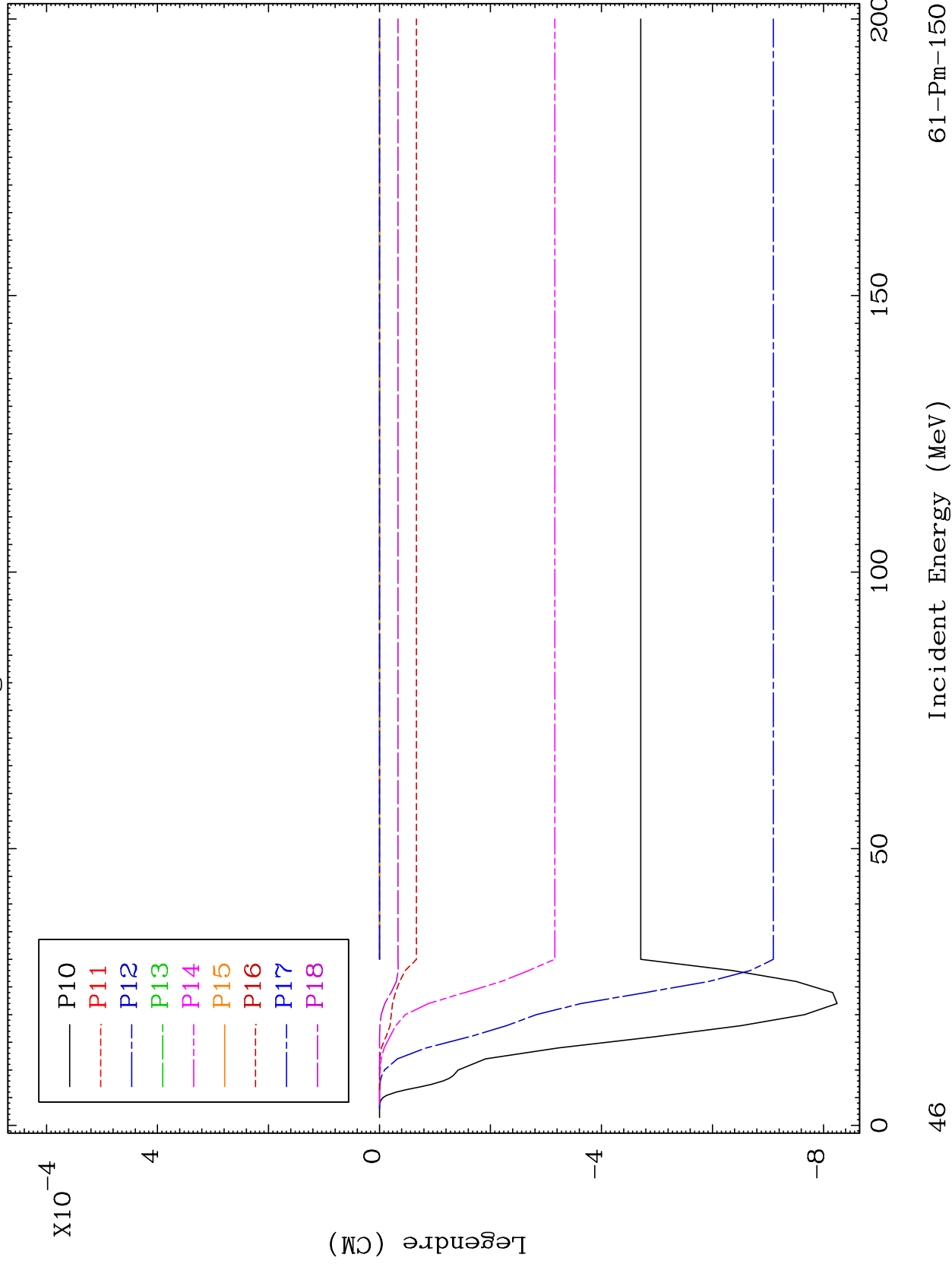
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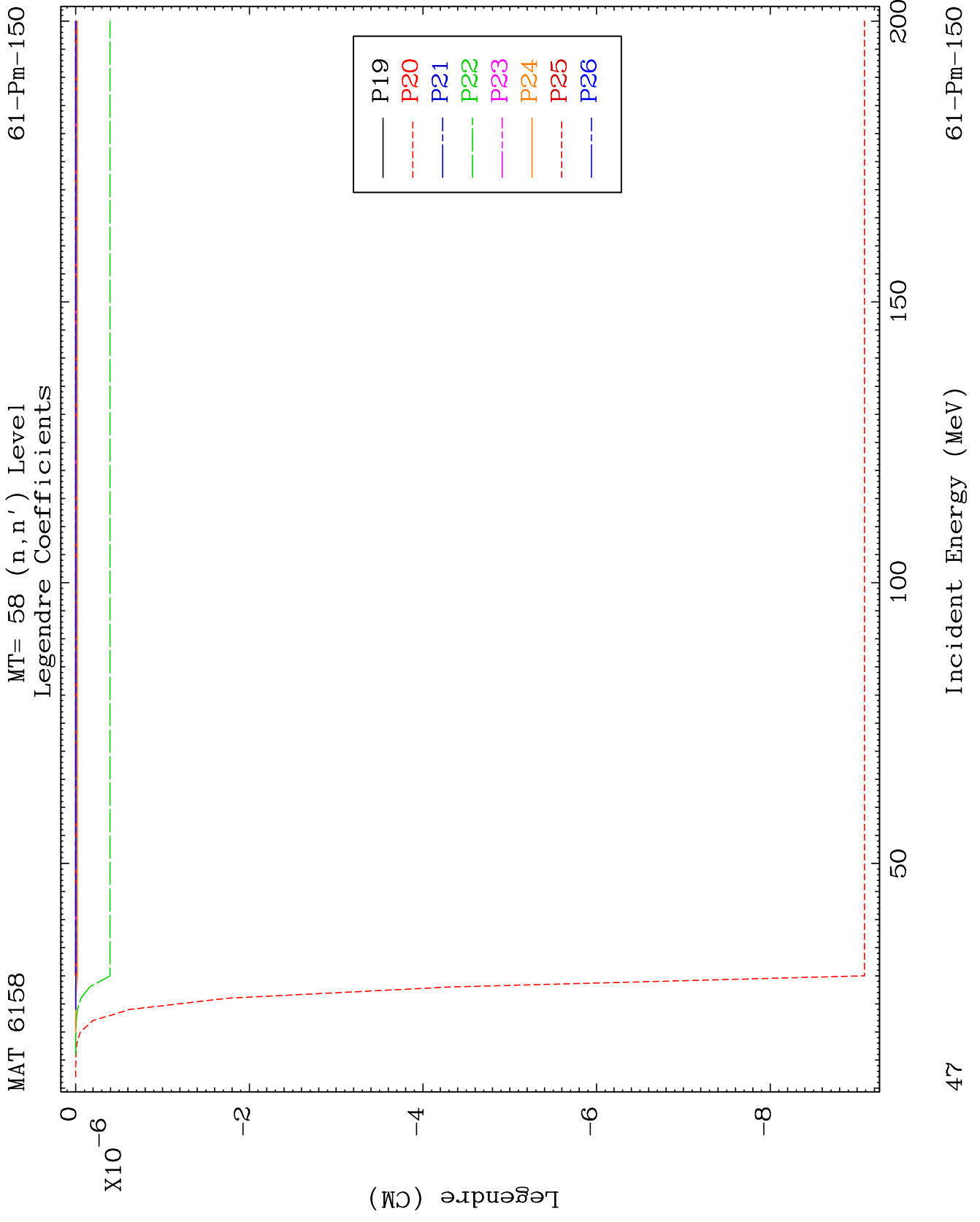


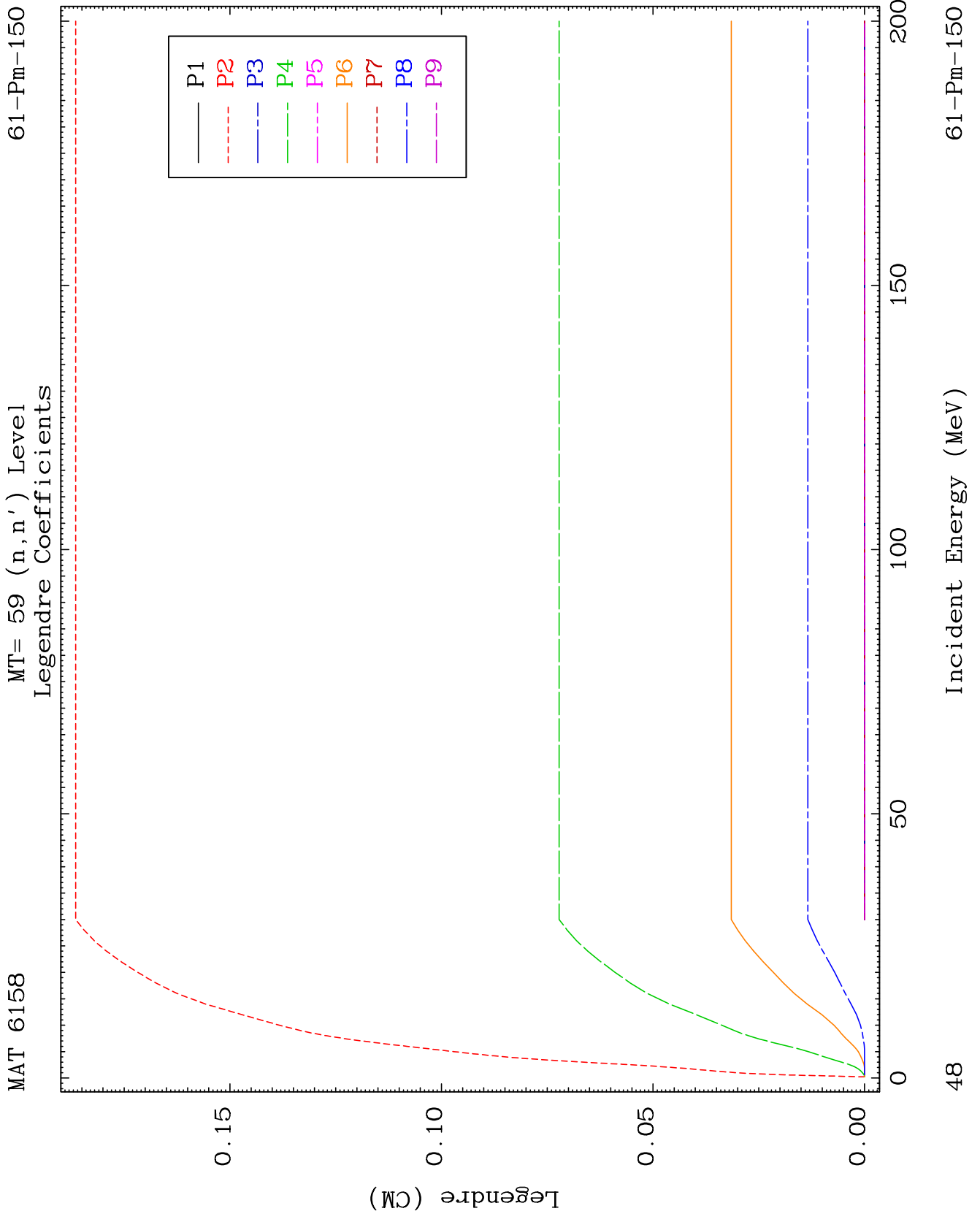
MAT 6158

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

61-Pm-150



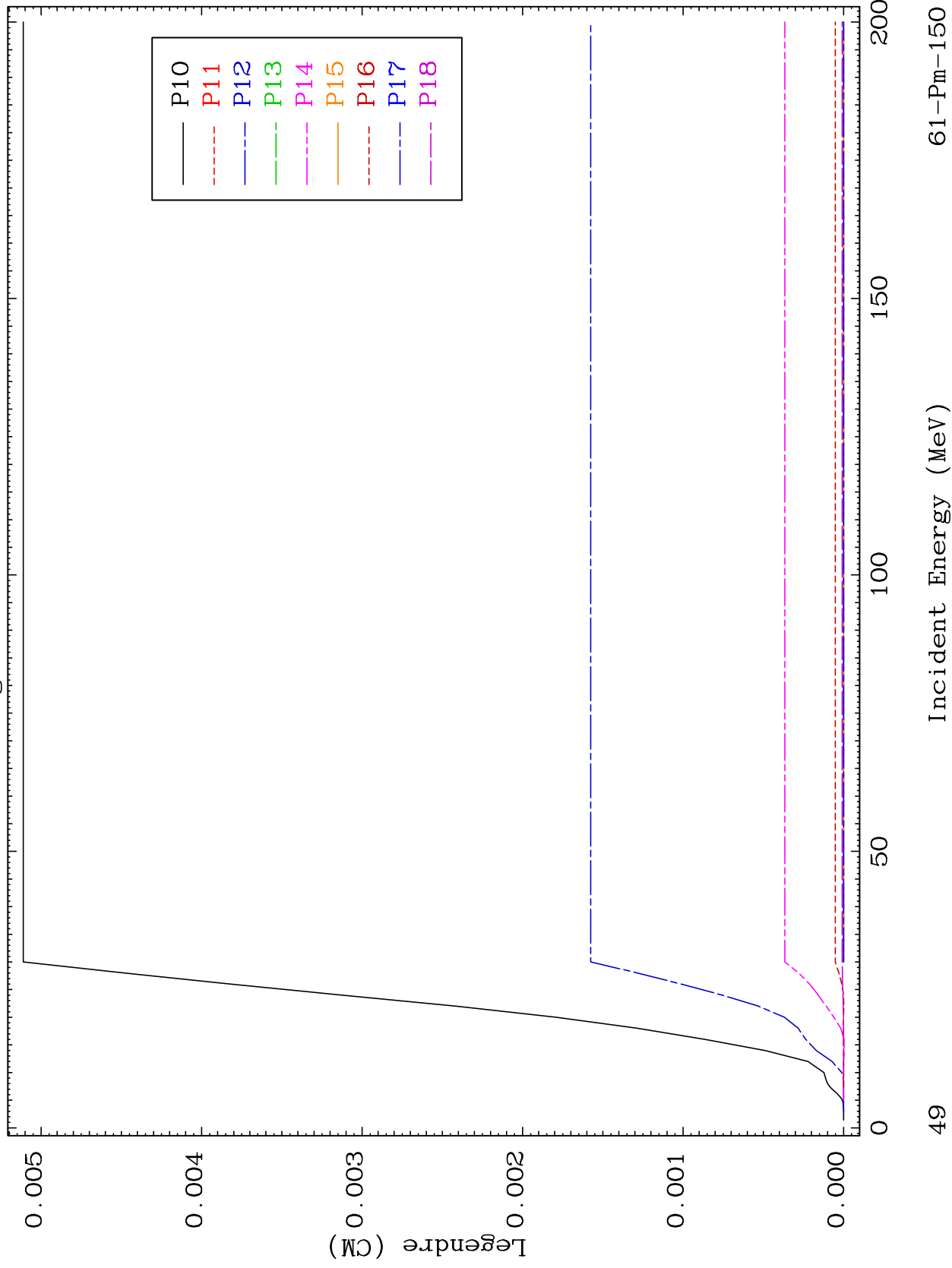




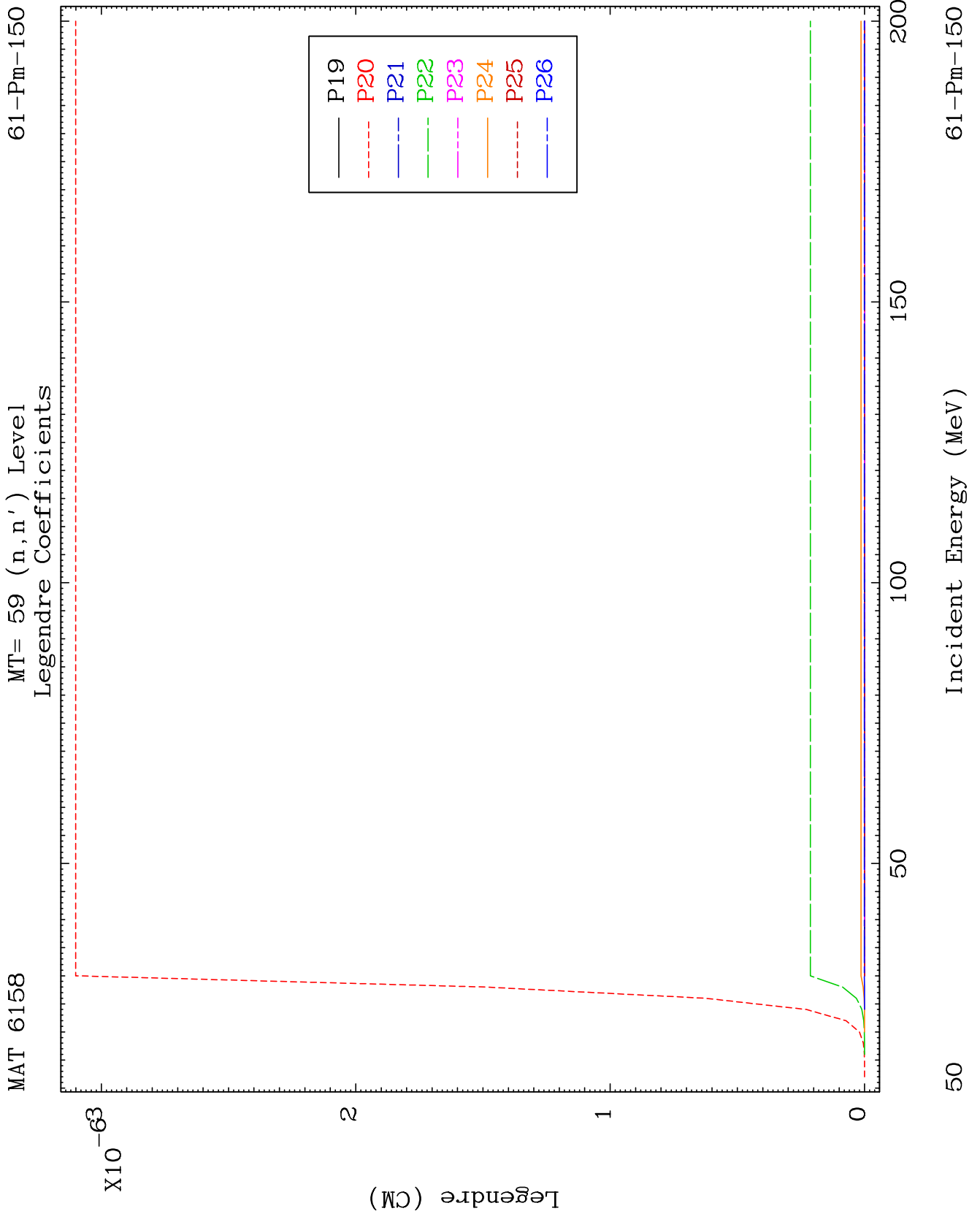
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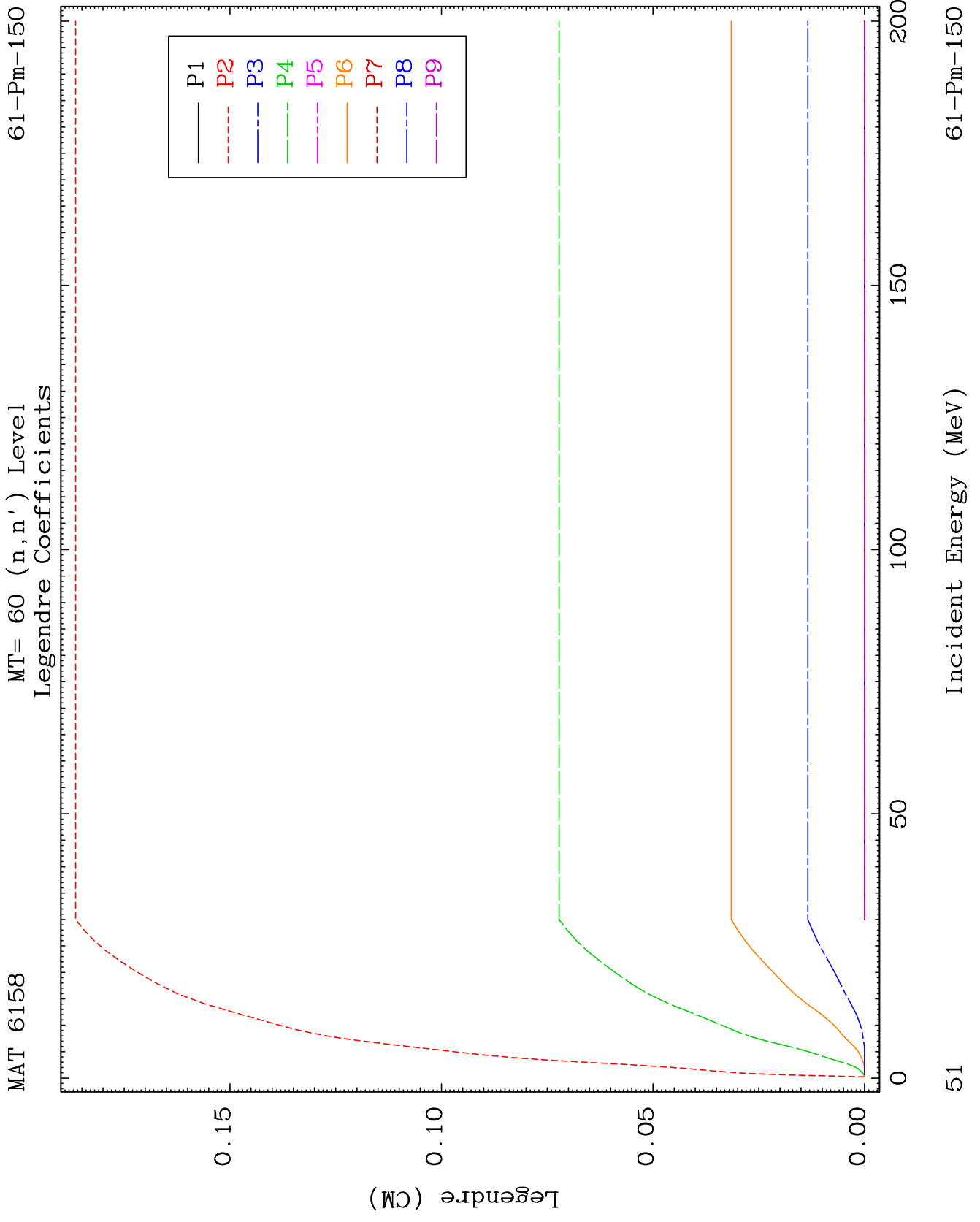
MT= 59 (n,n') Level
Legendre Coefficients

61-Pm-150



49

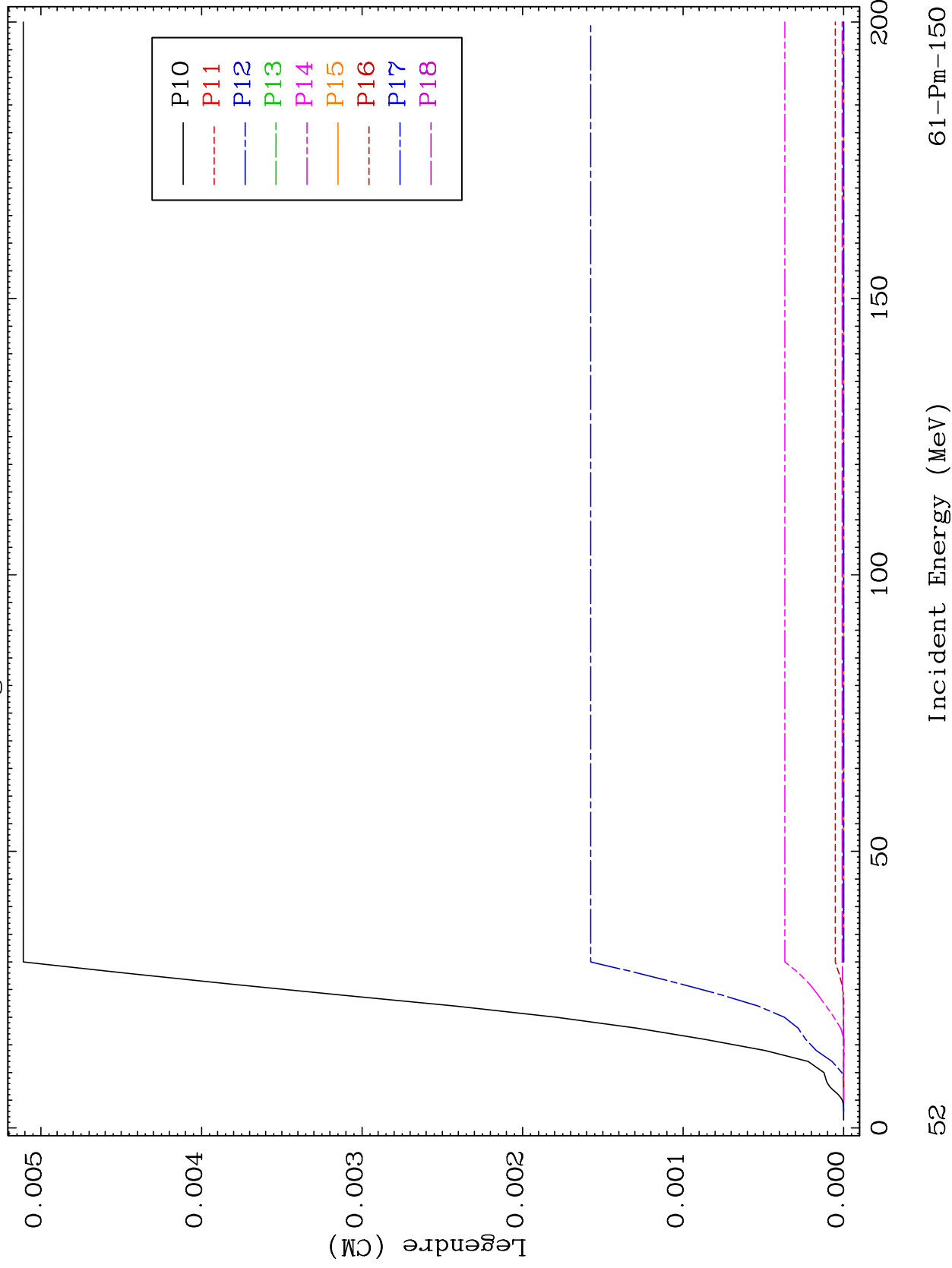




MAT 6158

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

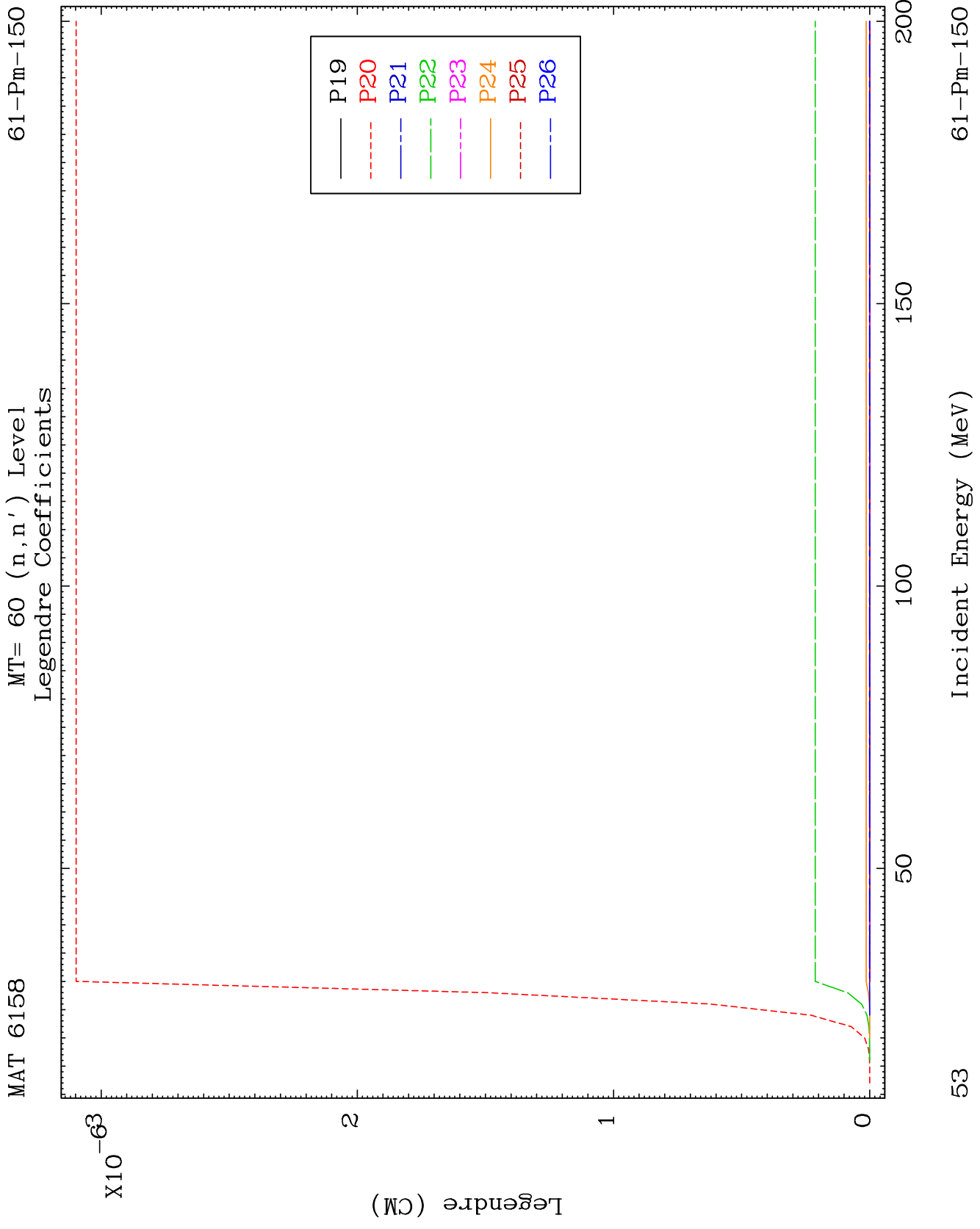
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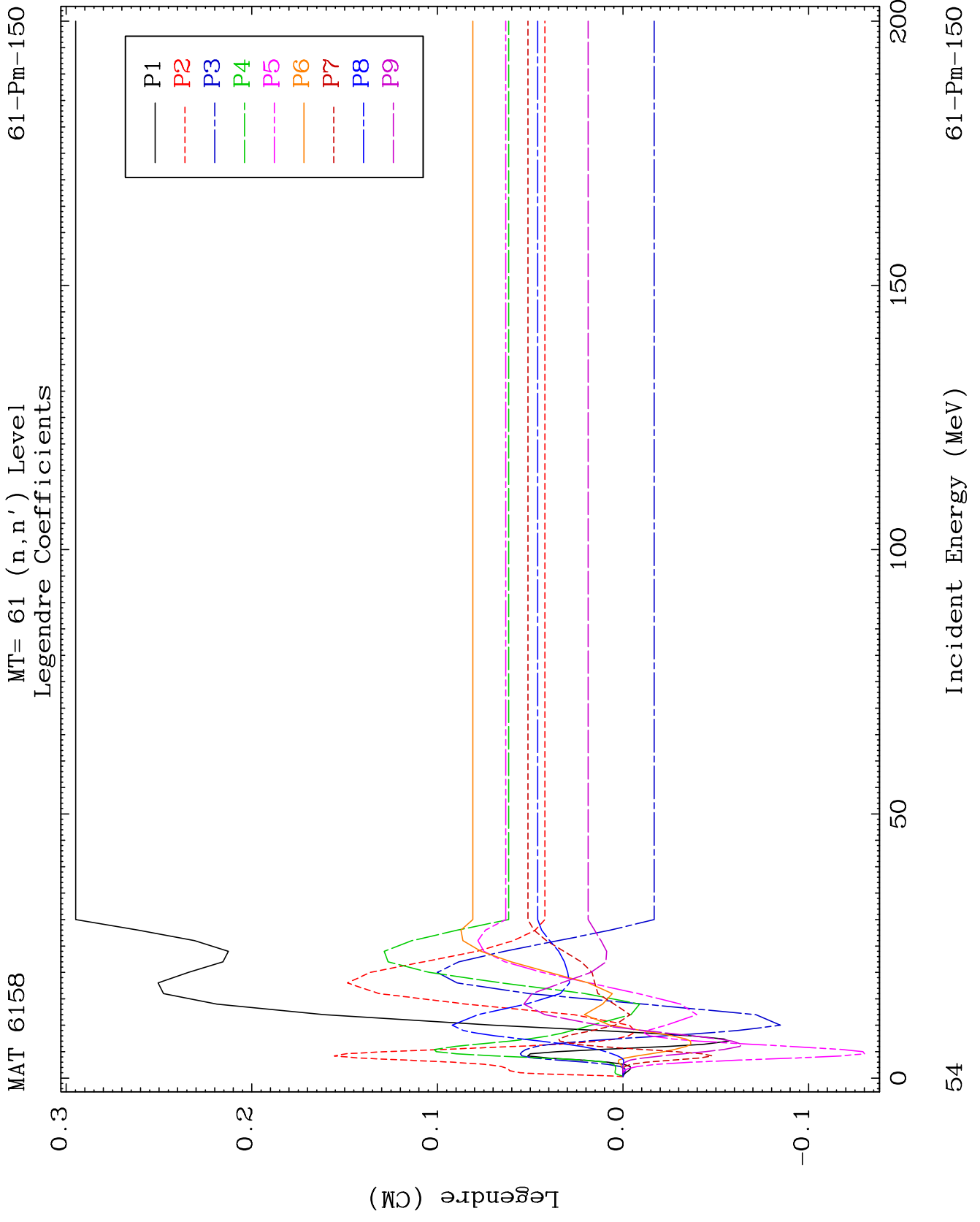


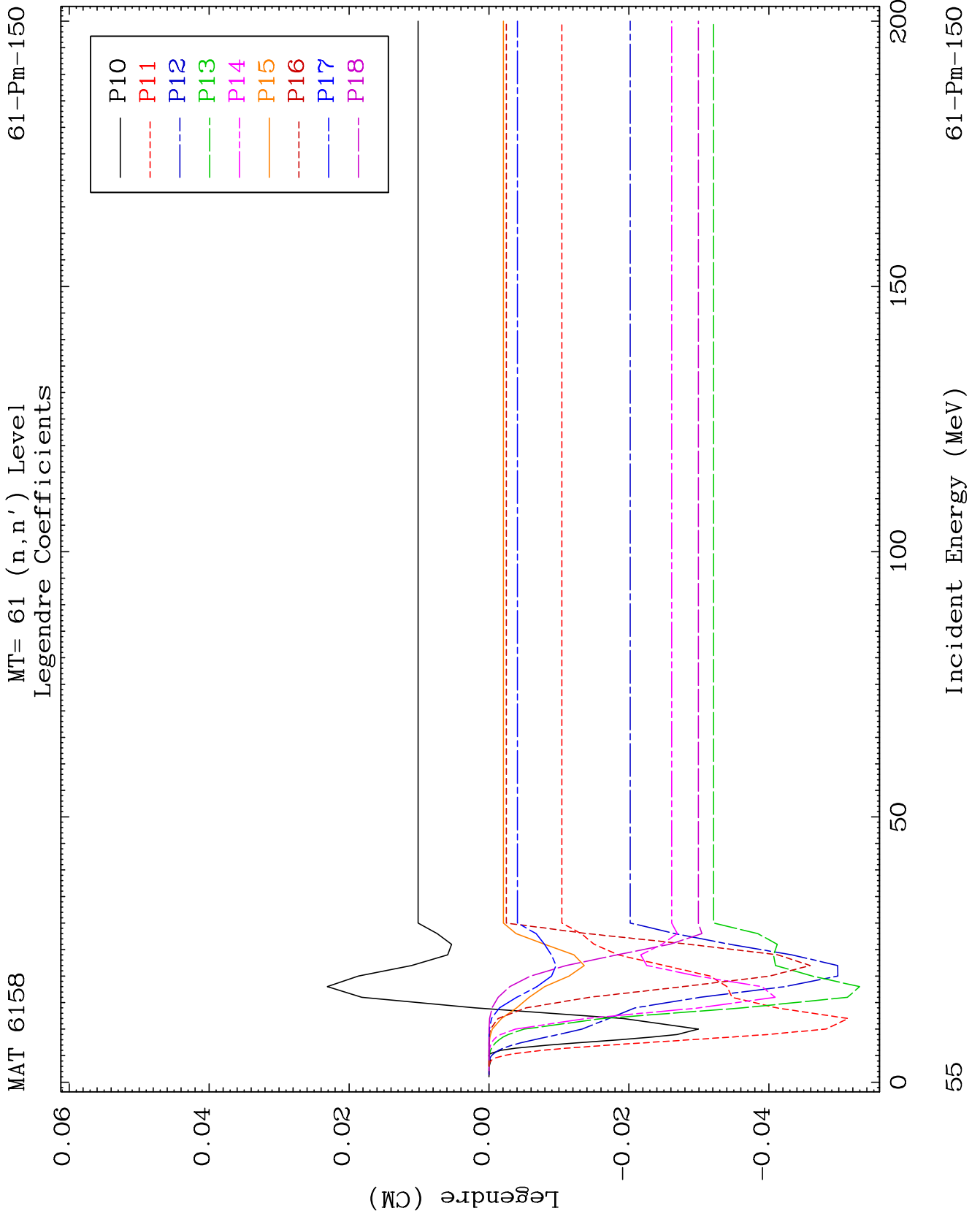
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Incident Energy (MeV)

61-Pm-150



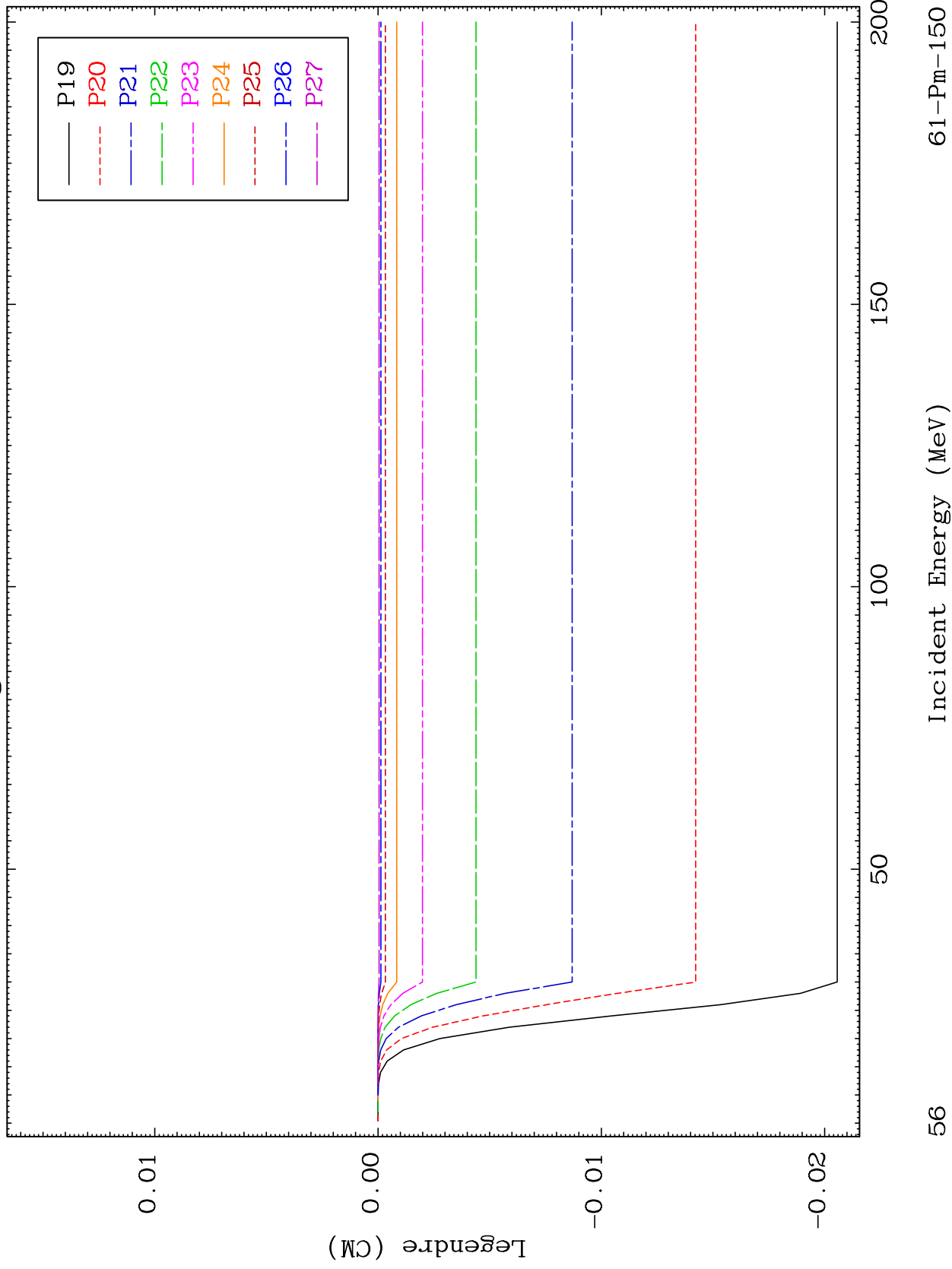




MAT 6158

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

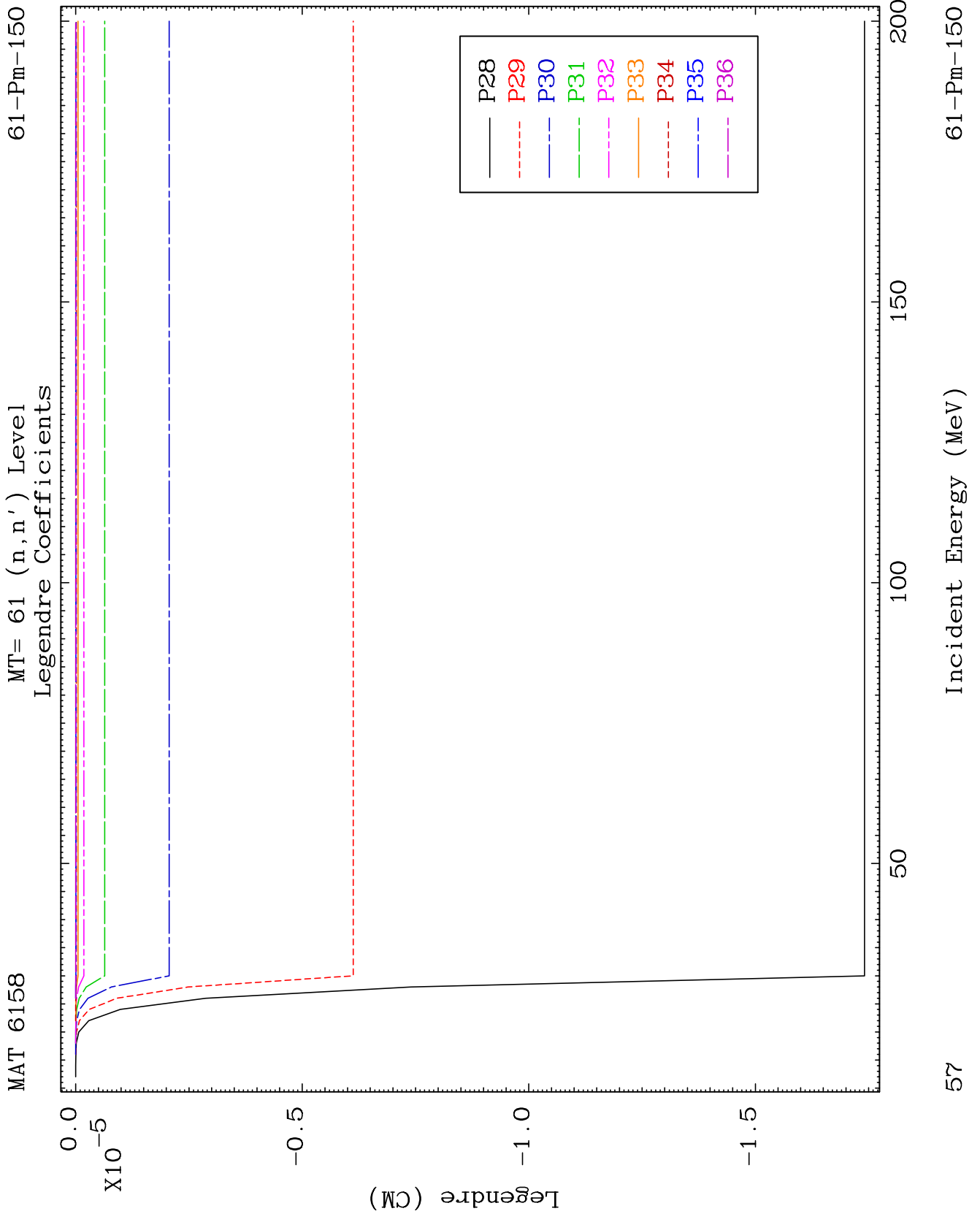
61-Pm-150



56

Incident Energy (MeV)

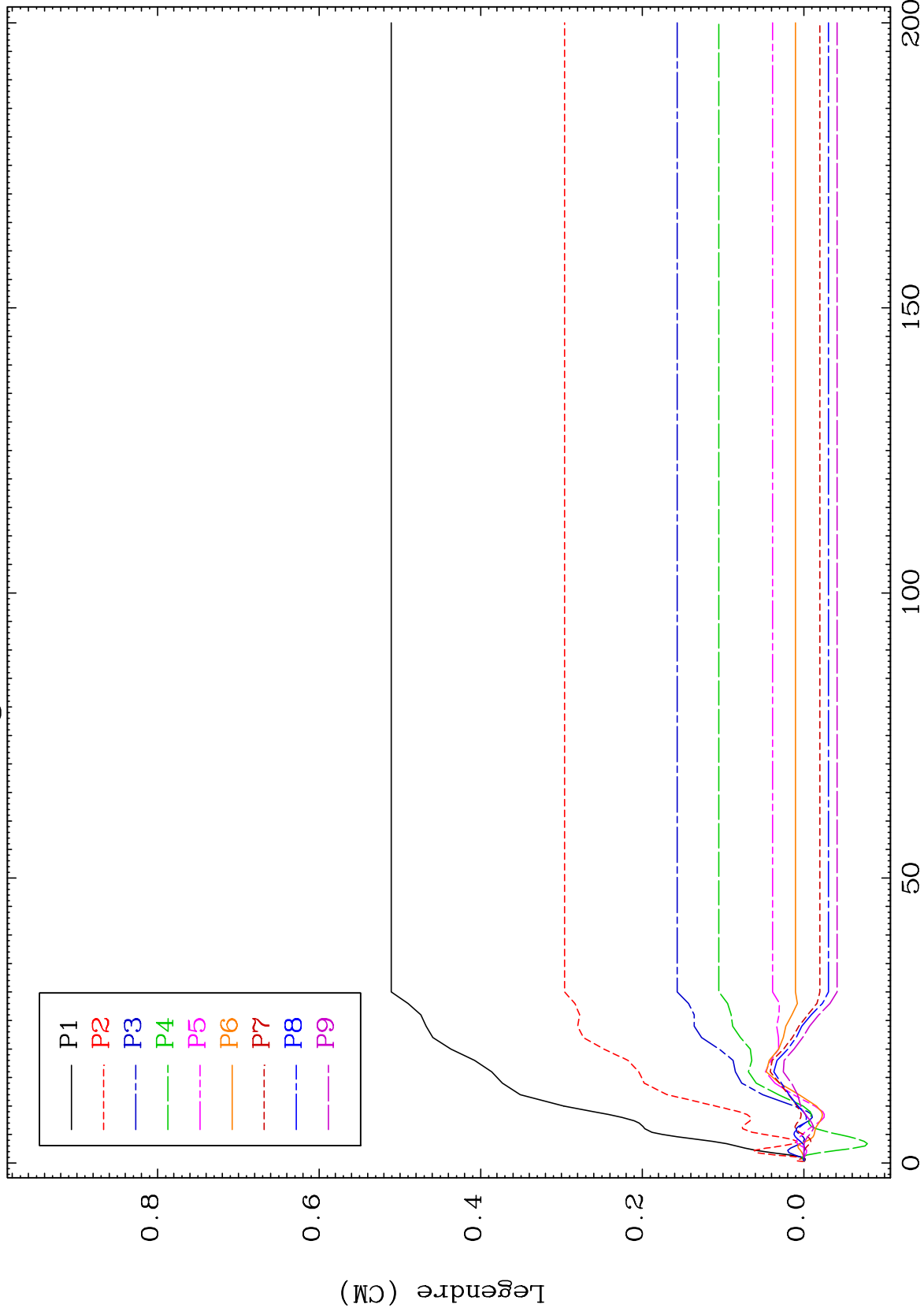
61-Pm-150



MAT 6158

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

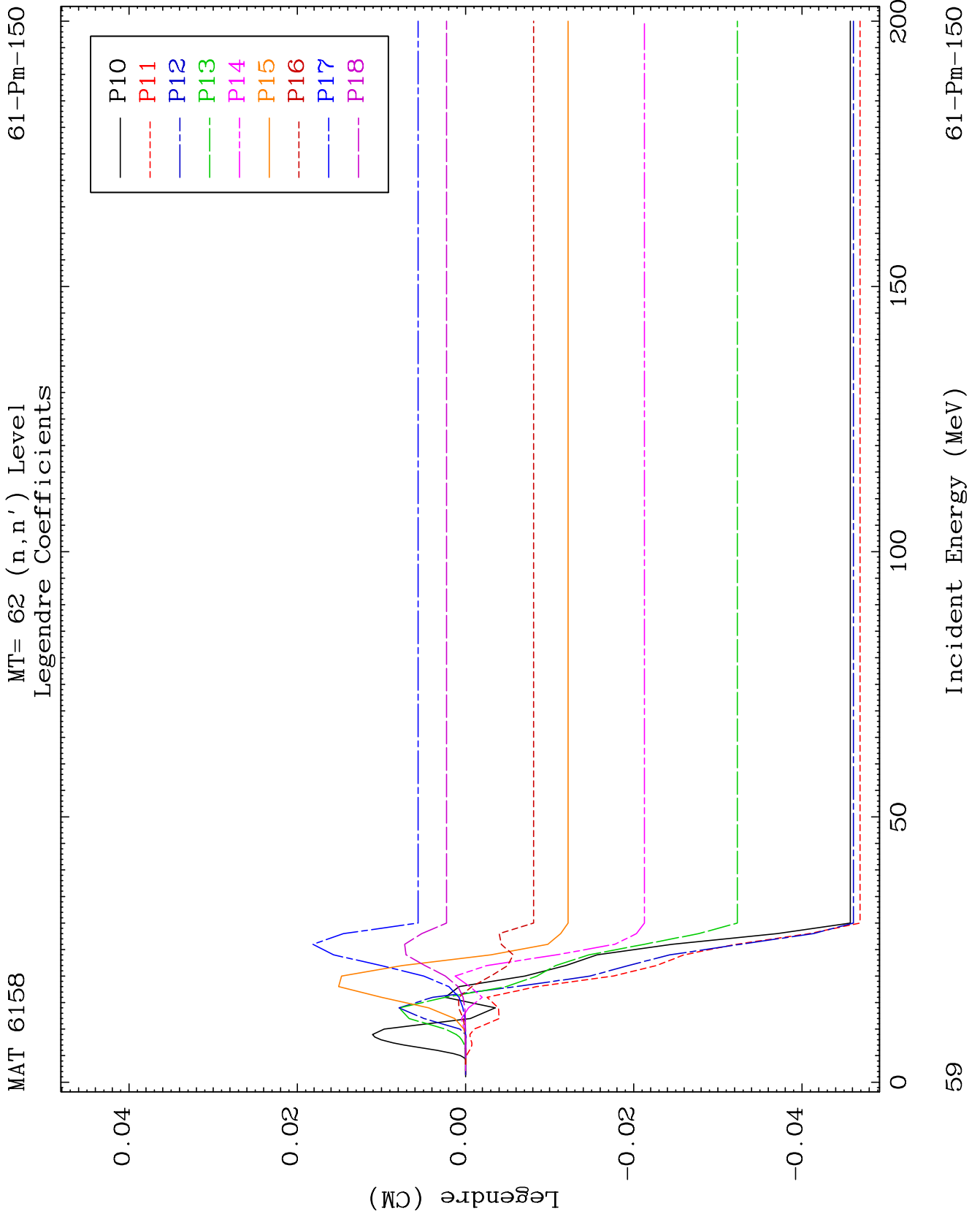
61-Pm-150



58

Incident Energy (MeV)

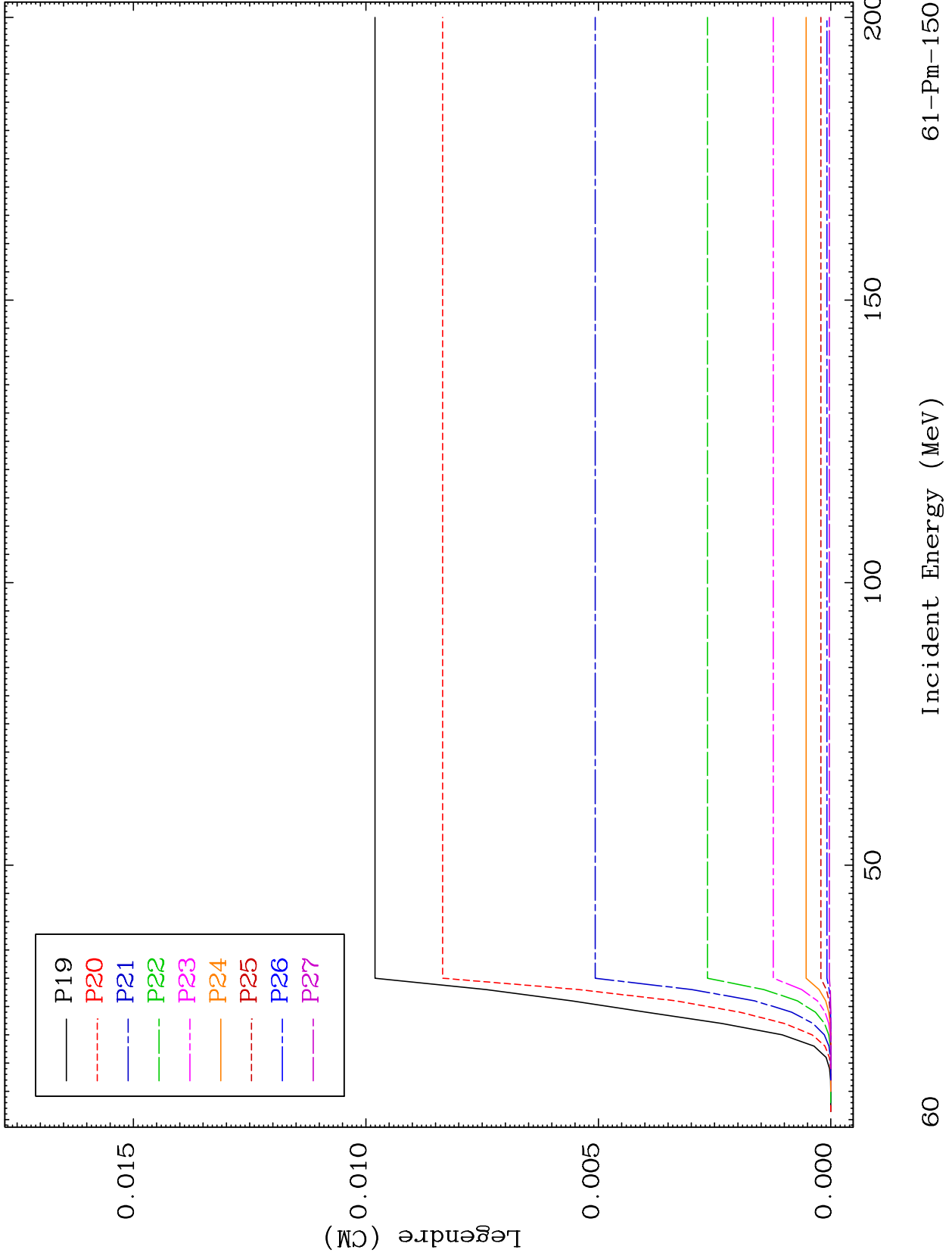
61-Pm-150



MAT 6158

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

61-Pm-150



60

Incident Energy (MeV)

50

100

150

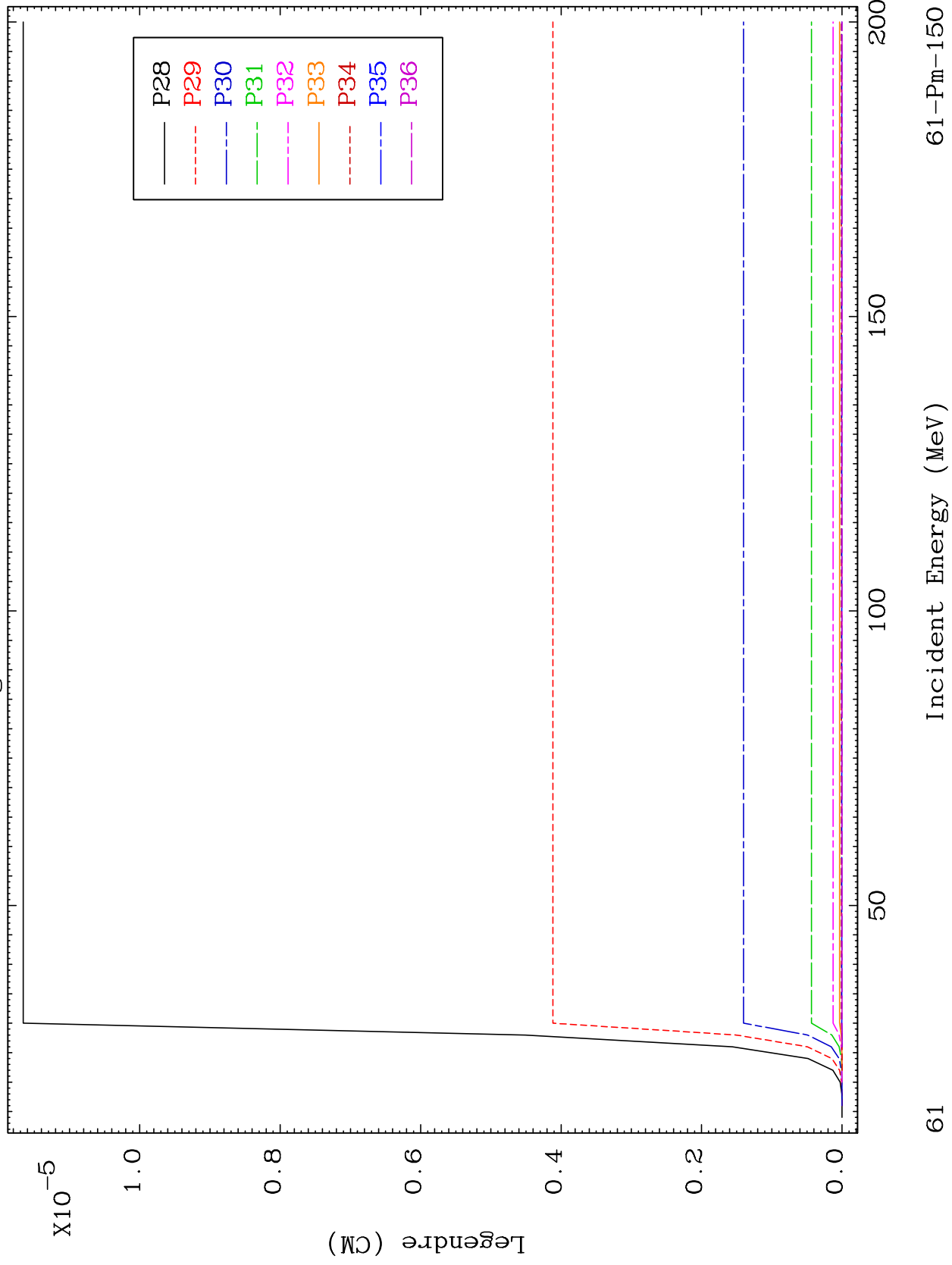
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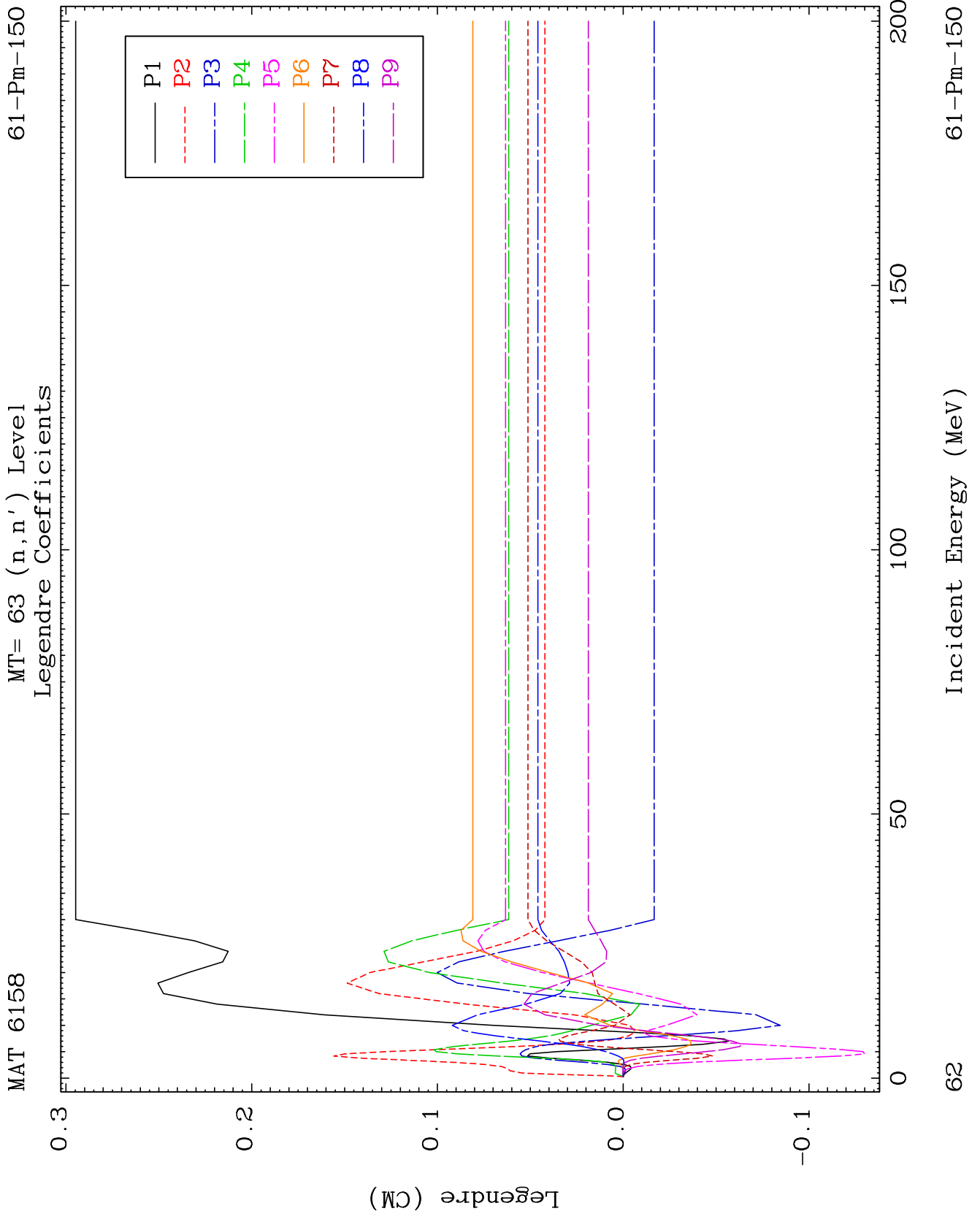
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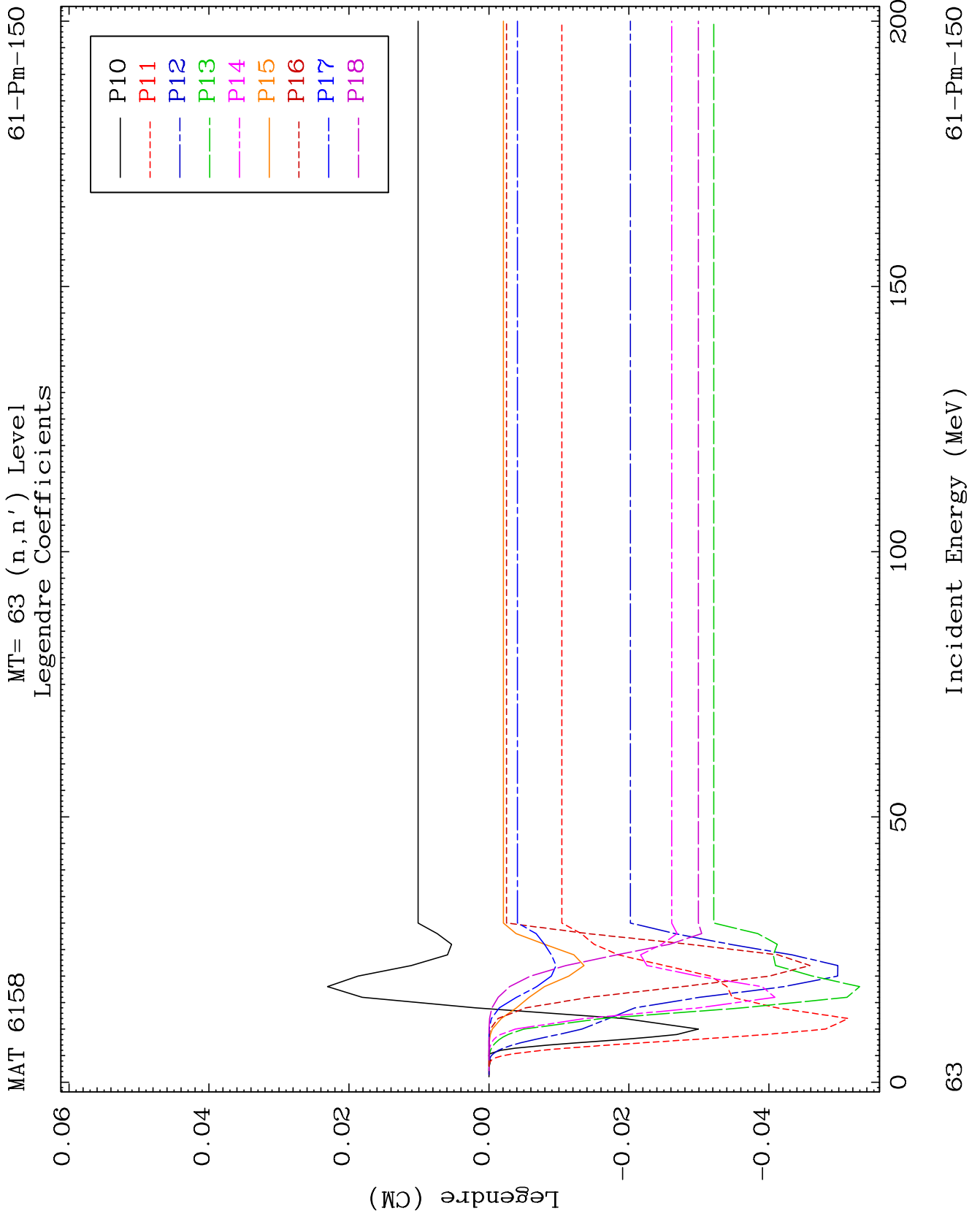
MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-150



61

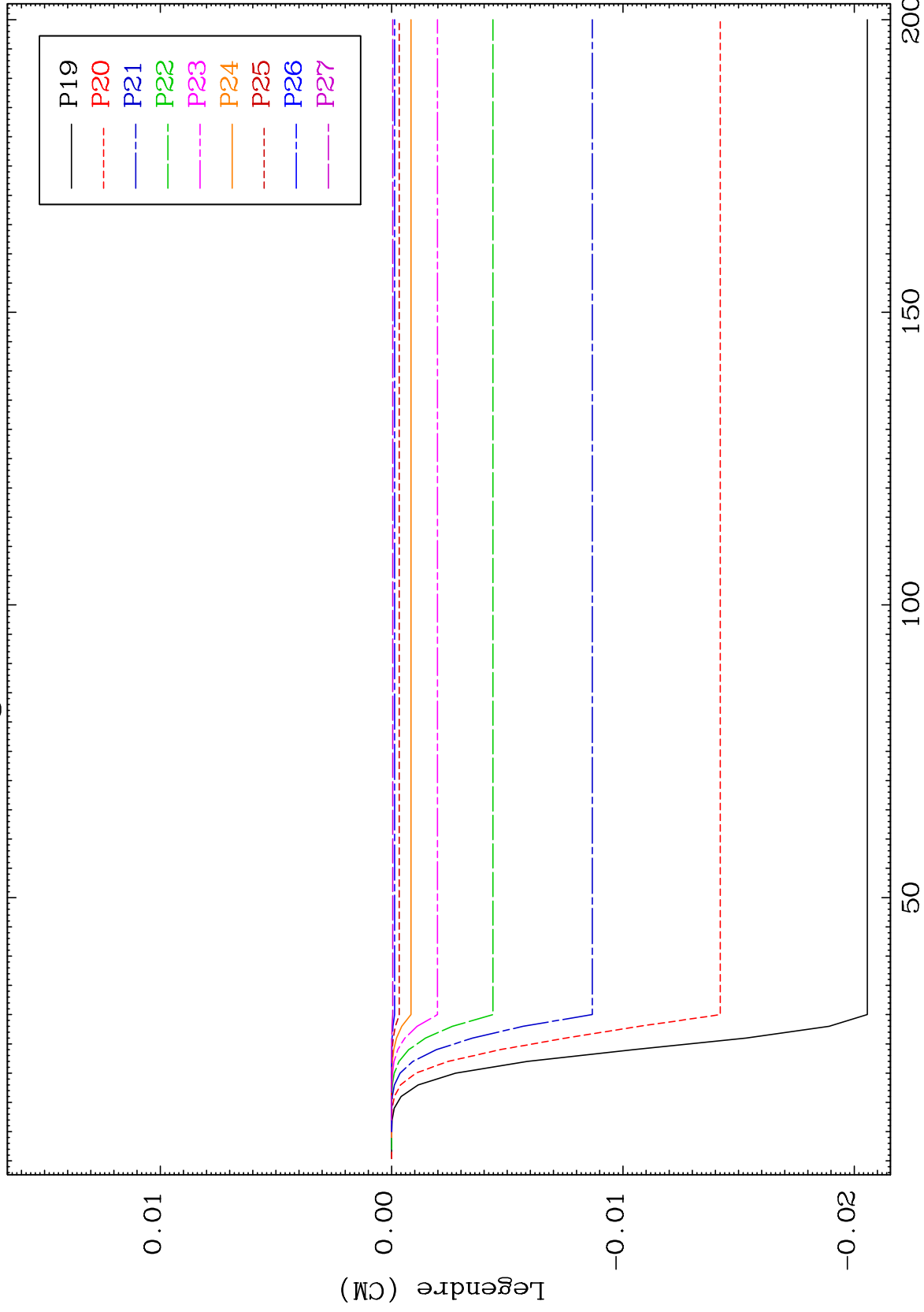




MAT 6158

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

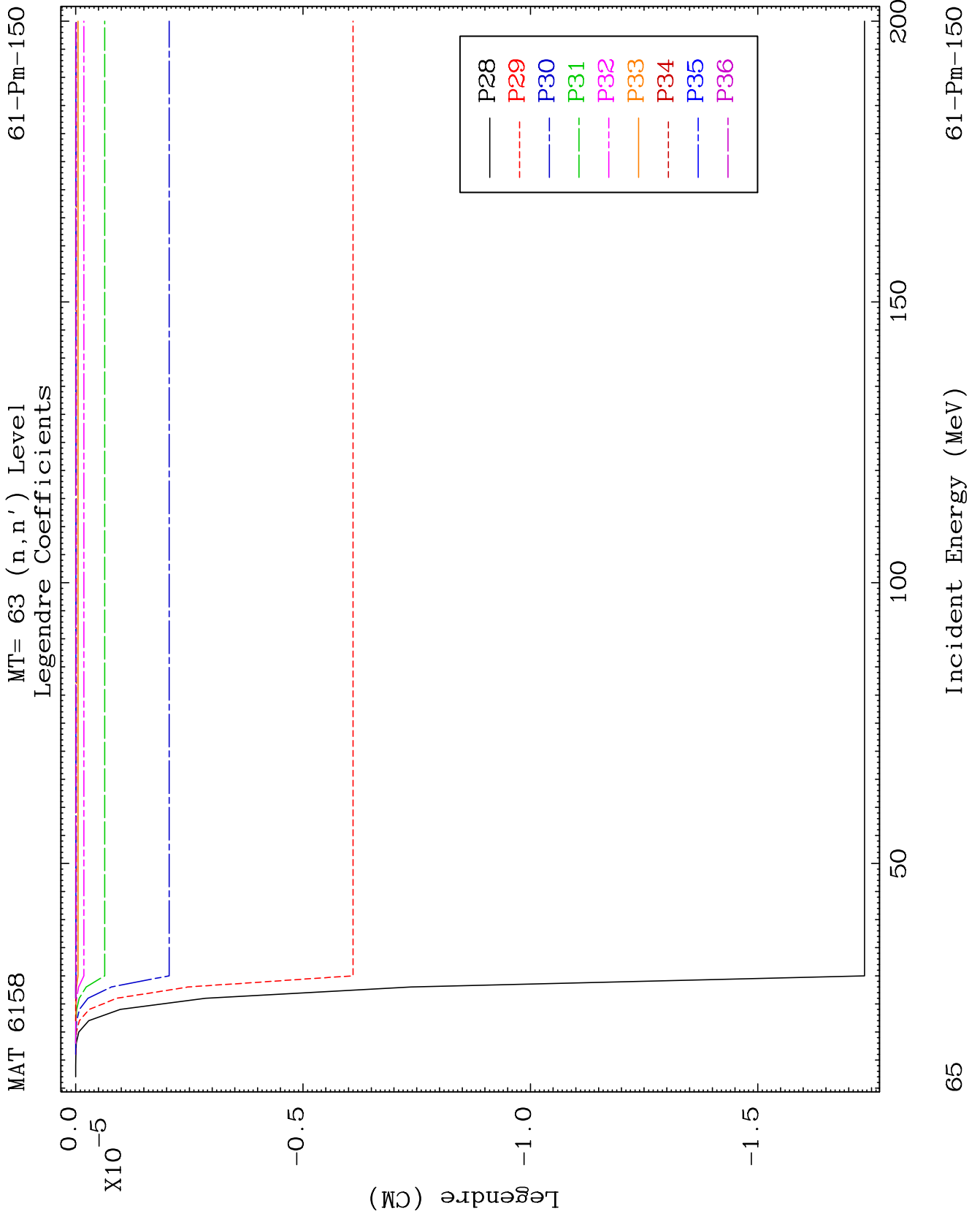
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64

Incident Energy (MeV)

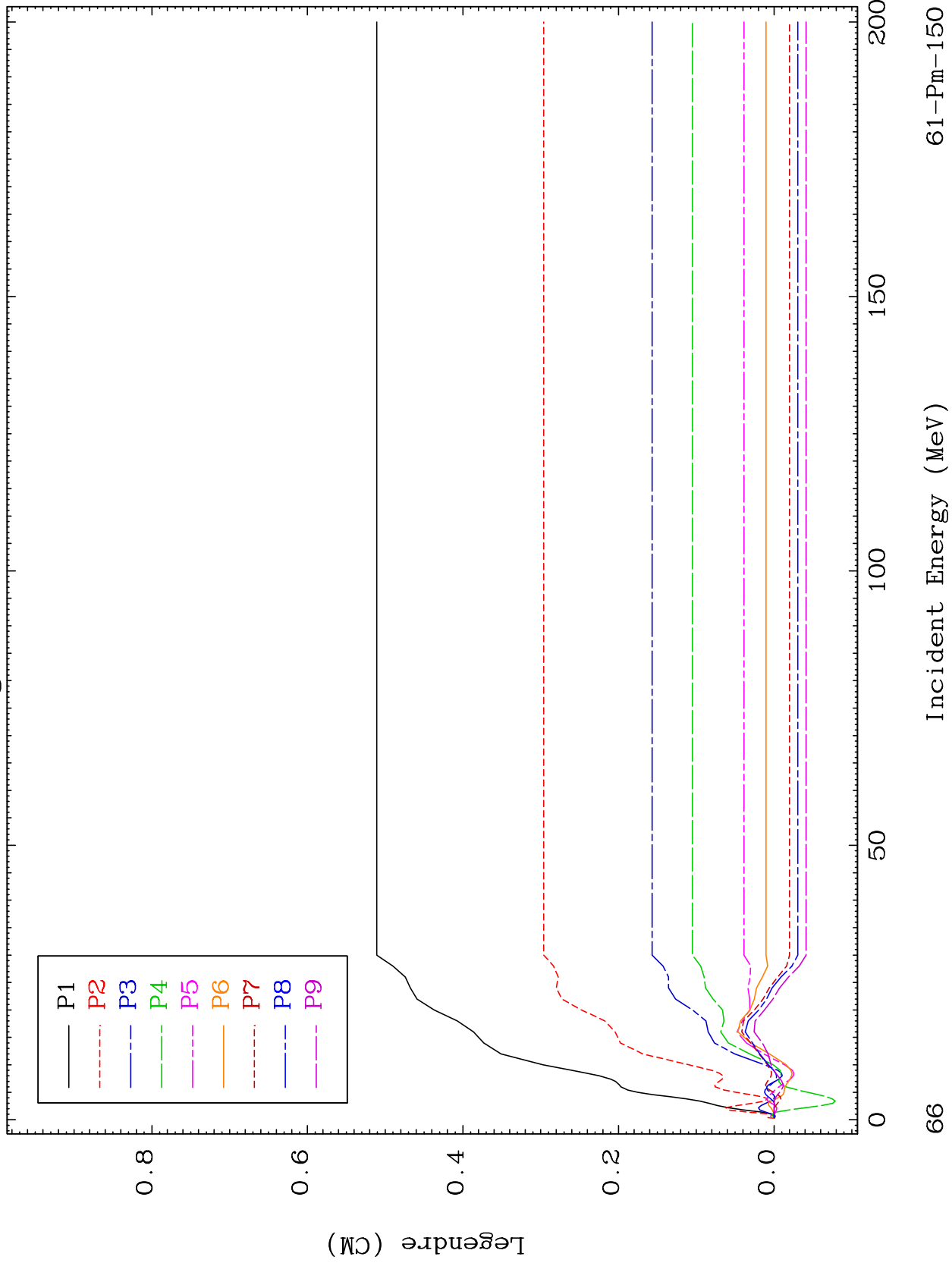
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MAT 6158

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

61-Pm-150



66

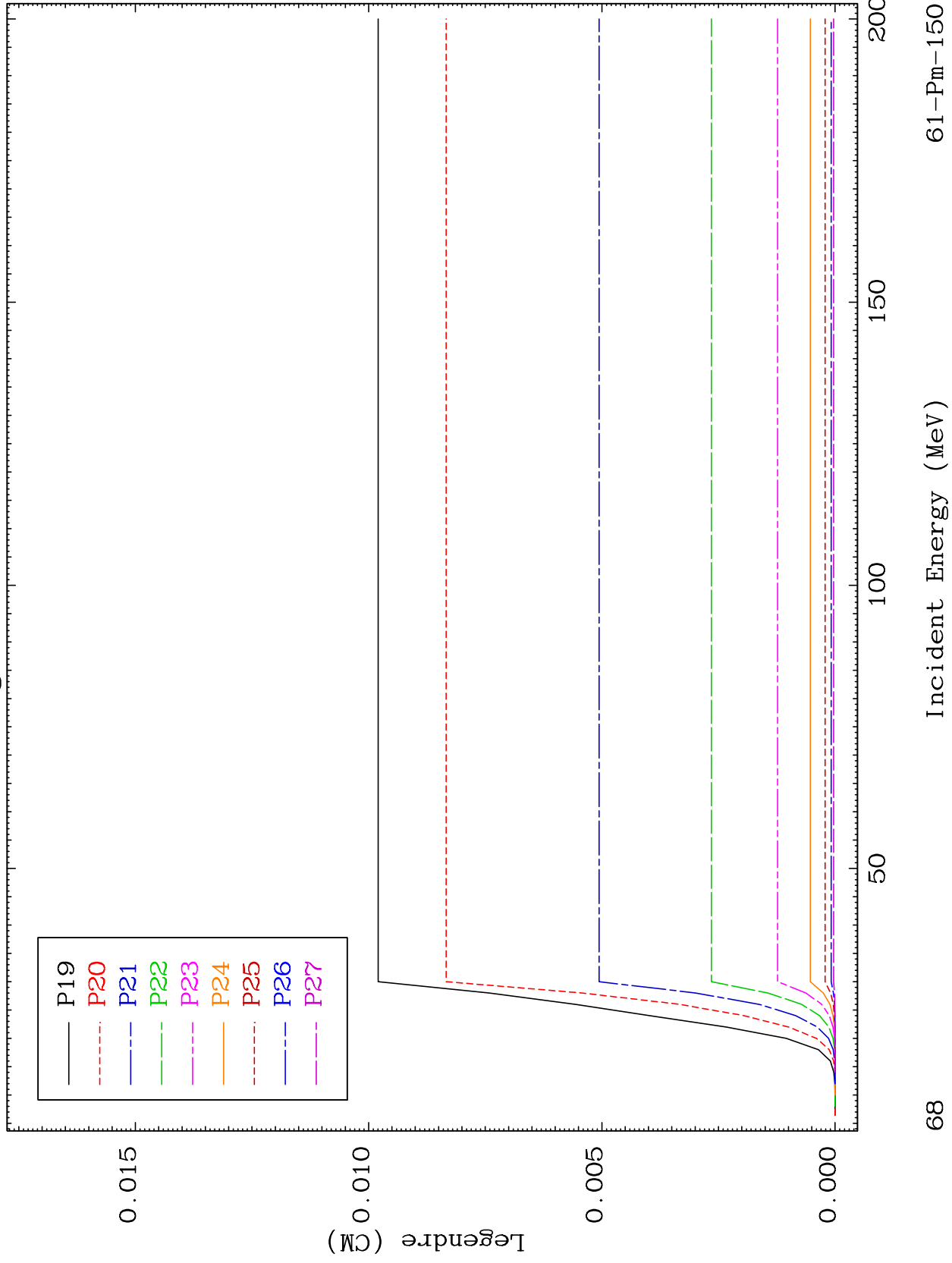
Incident Energy (MeV)

61-Pm-150

MAT 6158

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

61-Pm-150



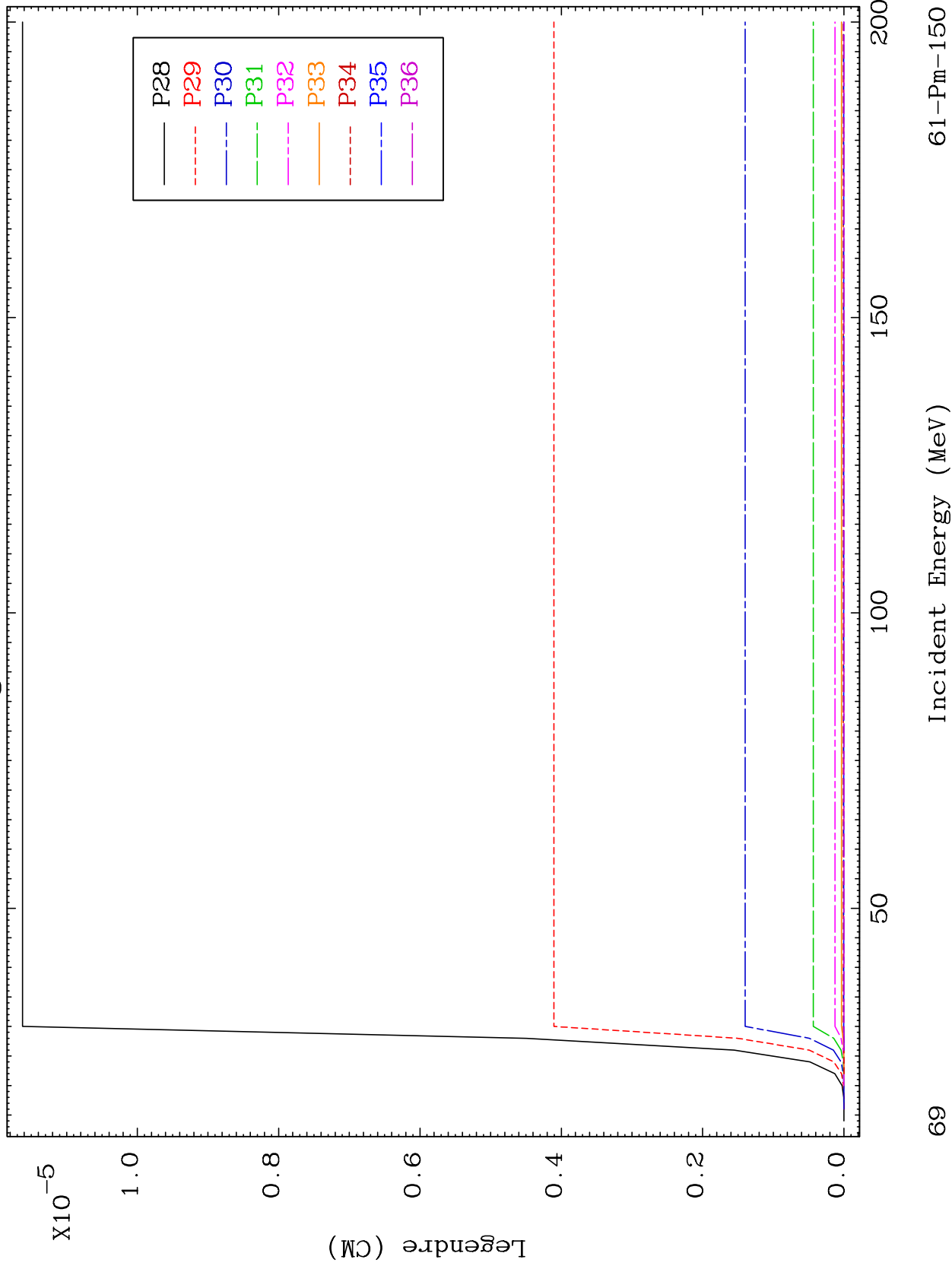
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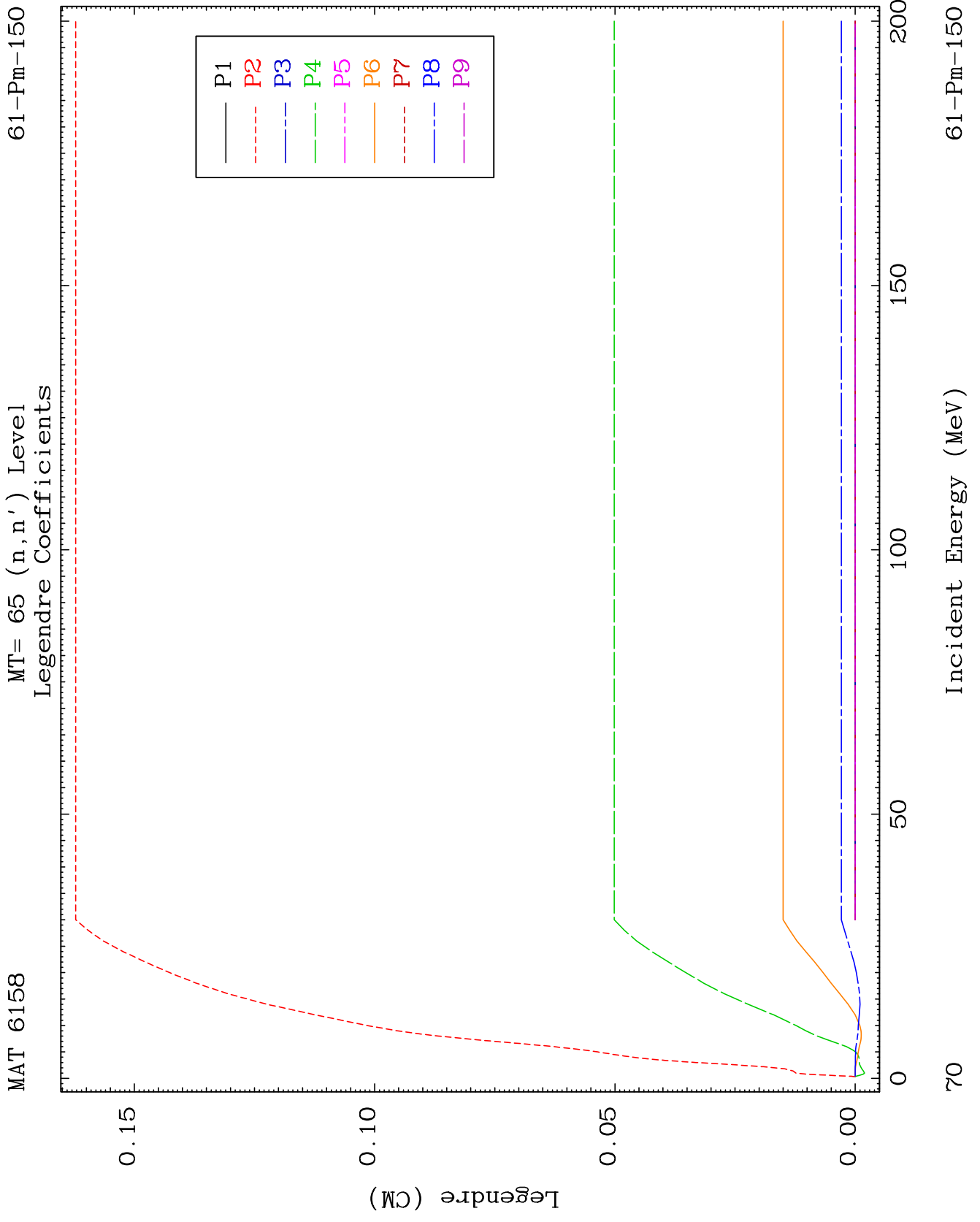
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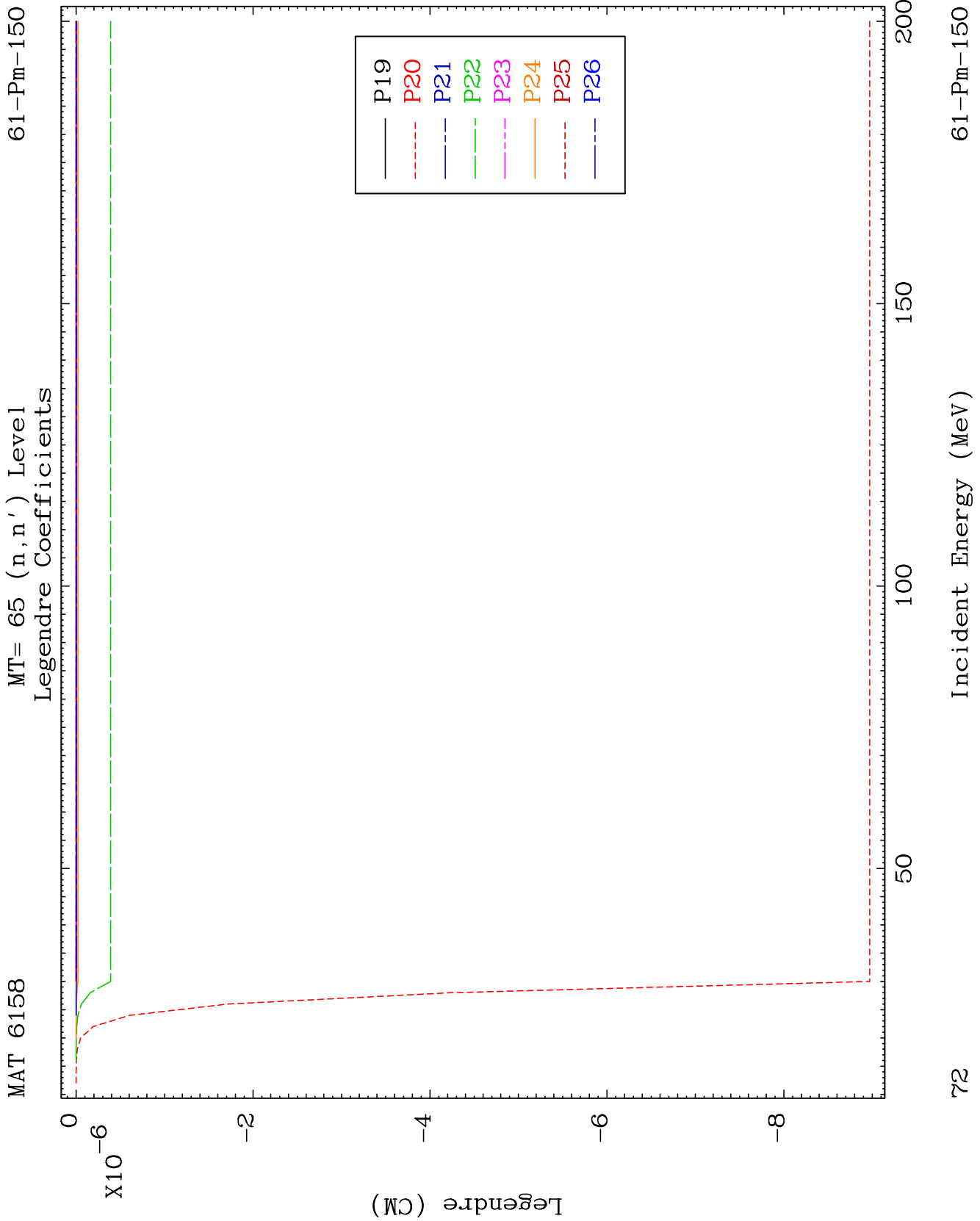
MAT 6158

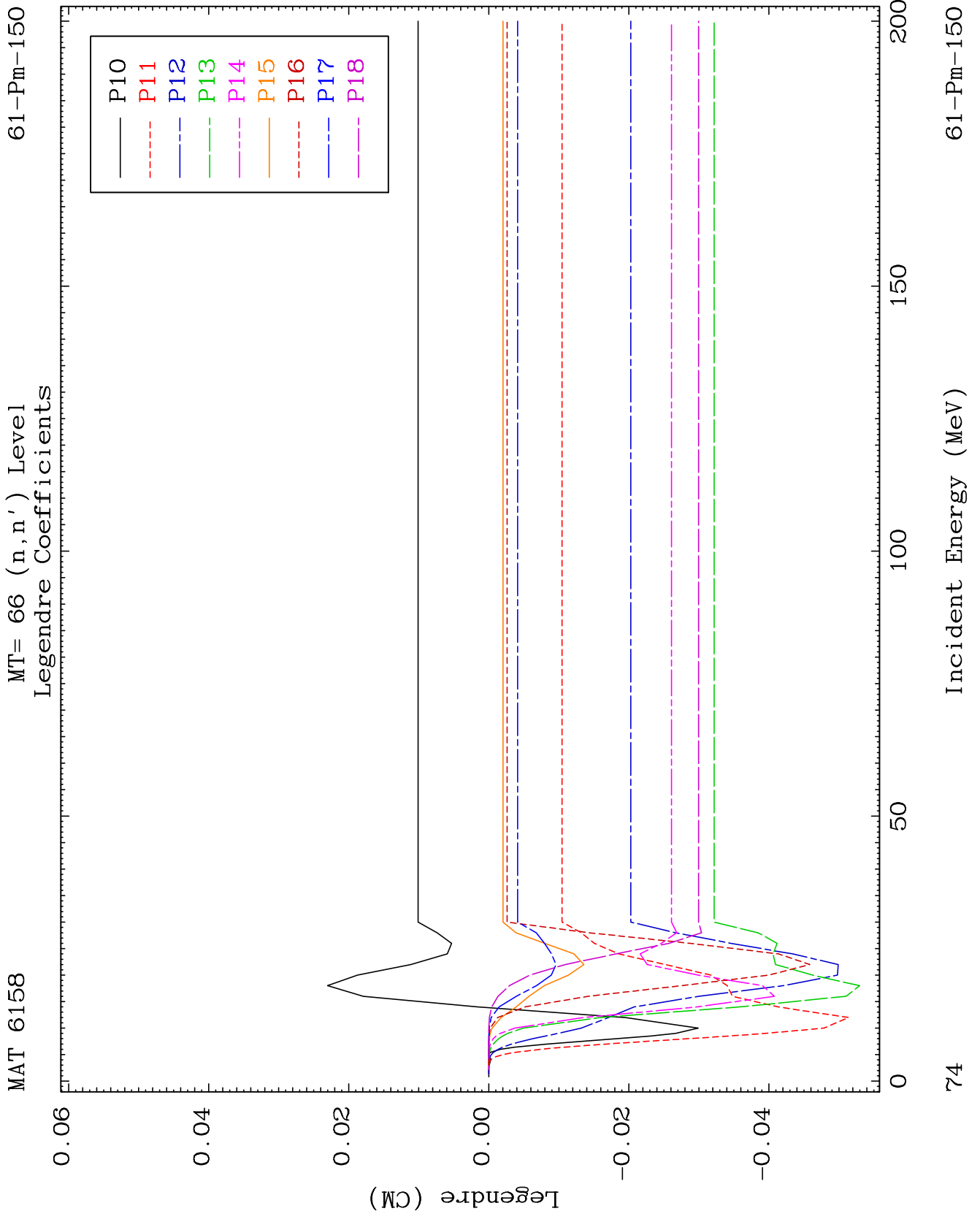
MT= 64 (n,n') Level
Legendre Coefficients

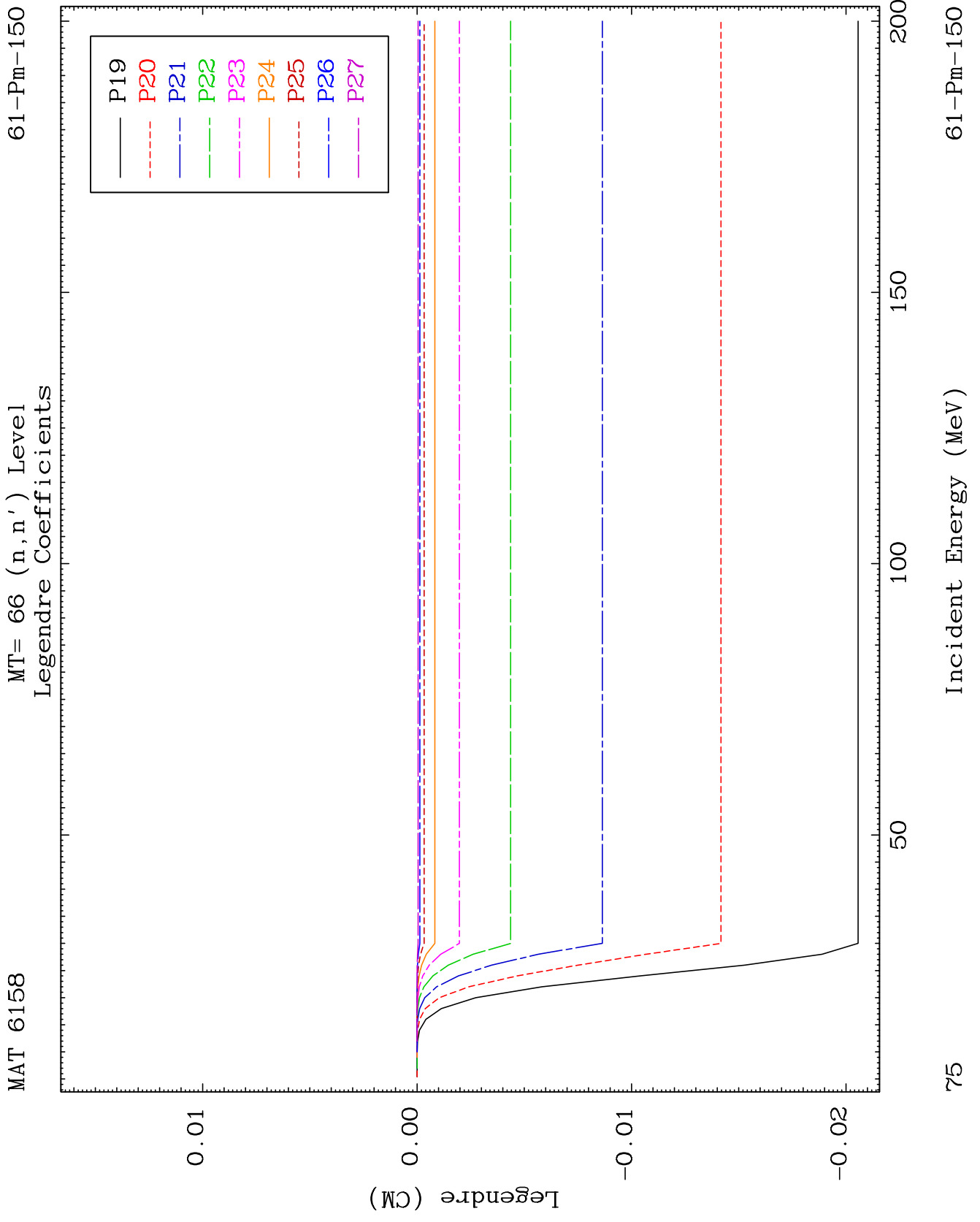
61-Pm-150

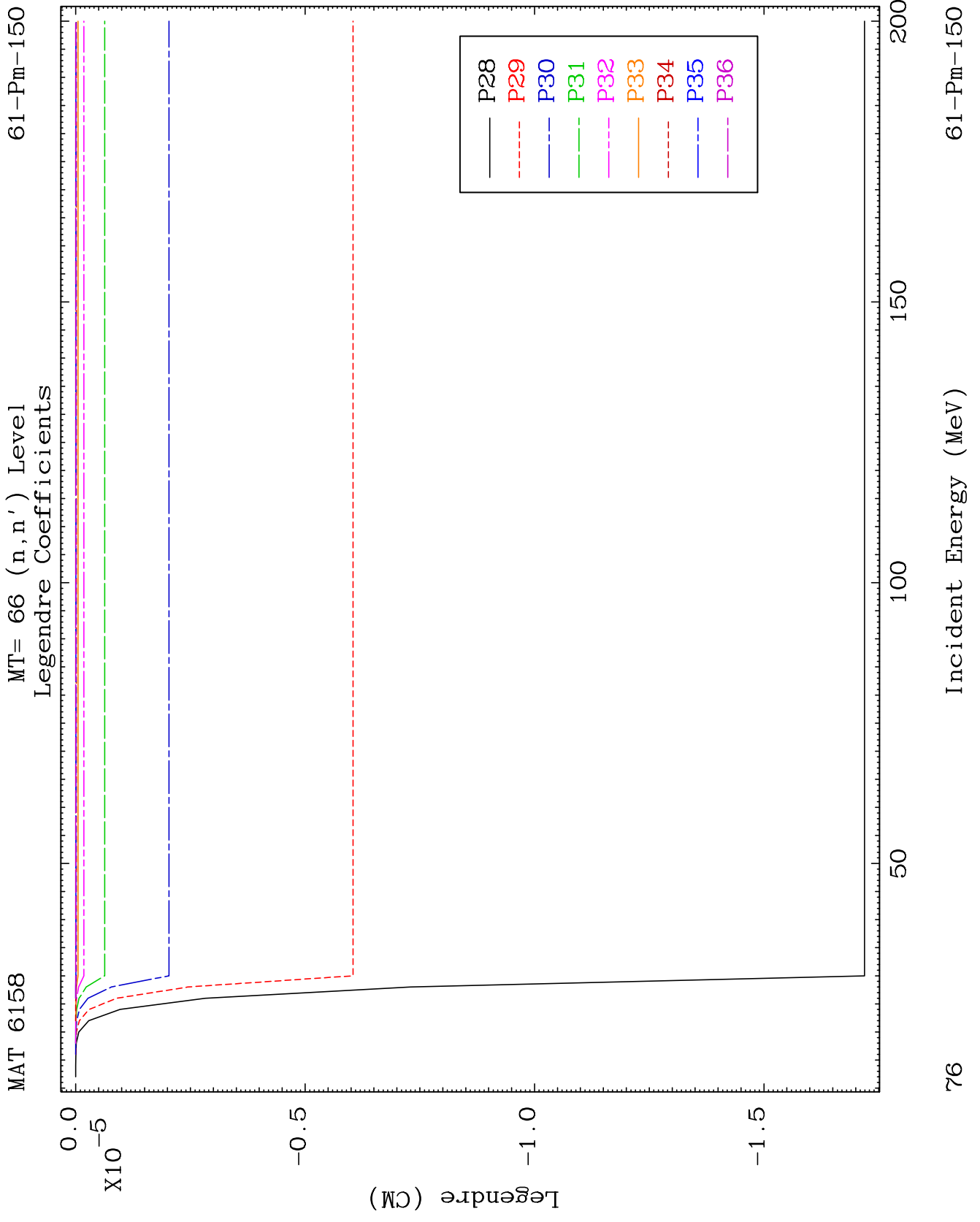


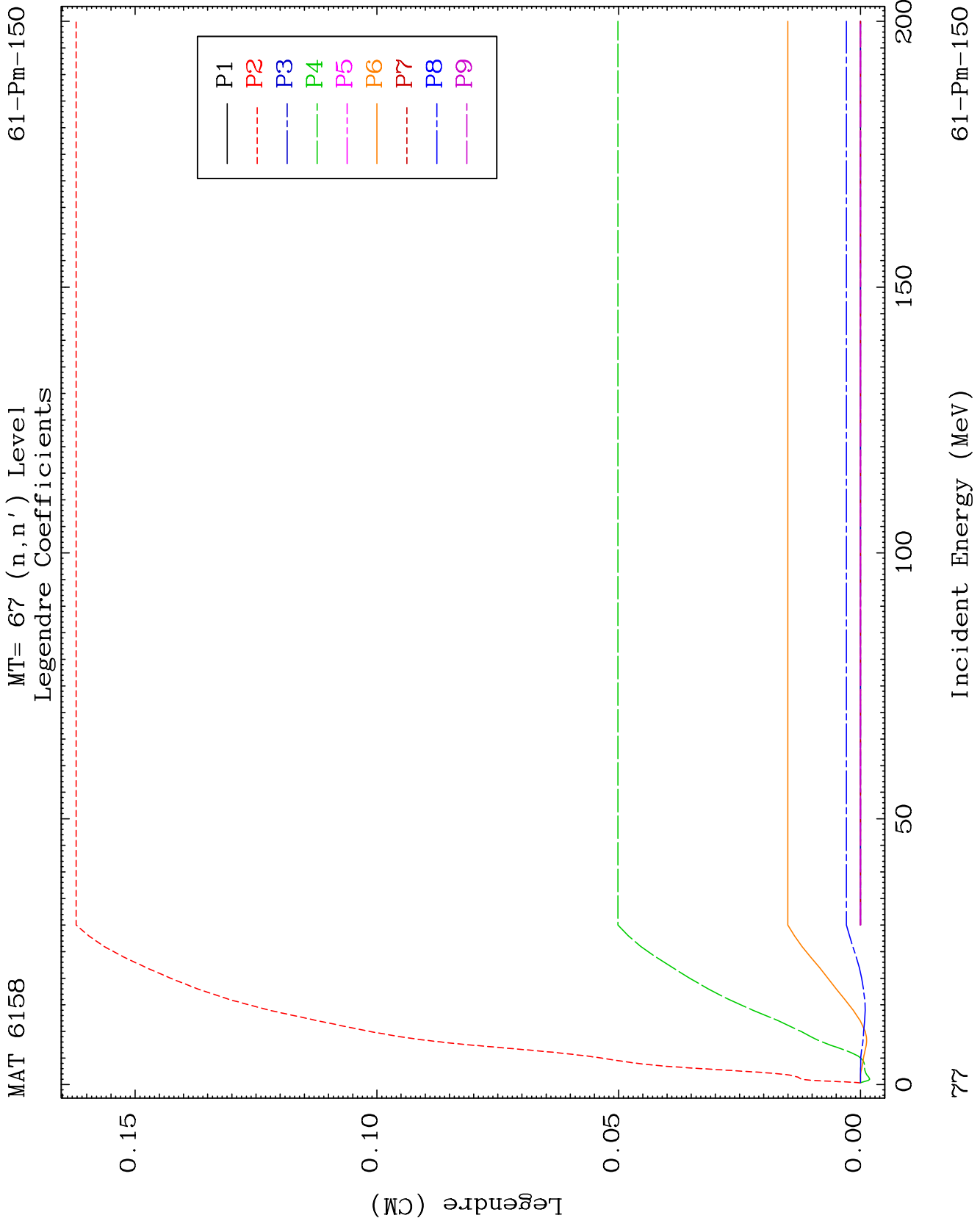


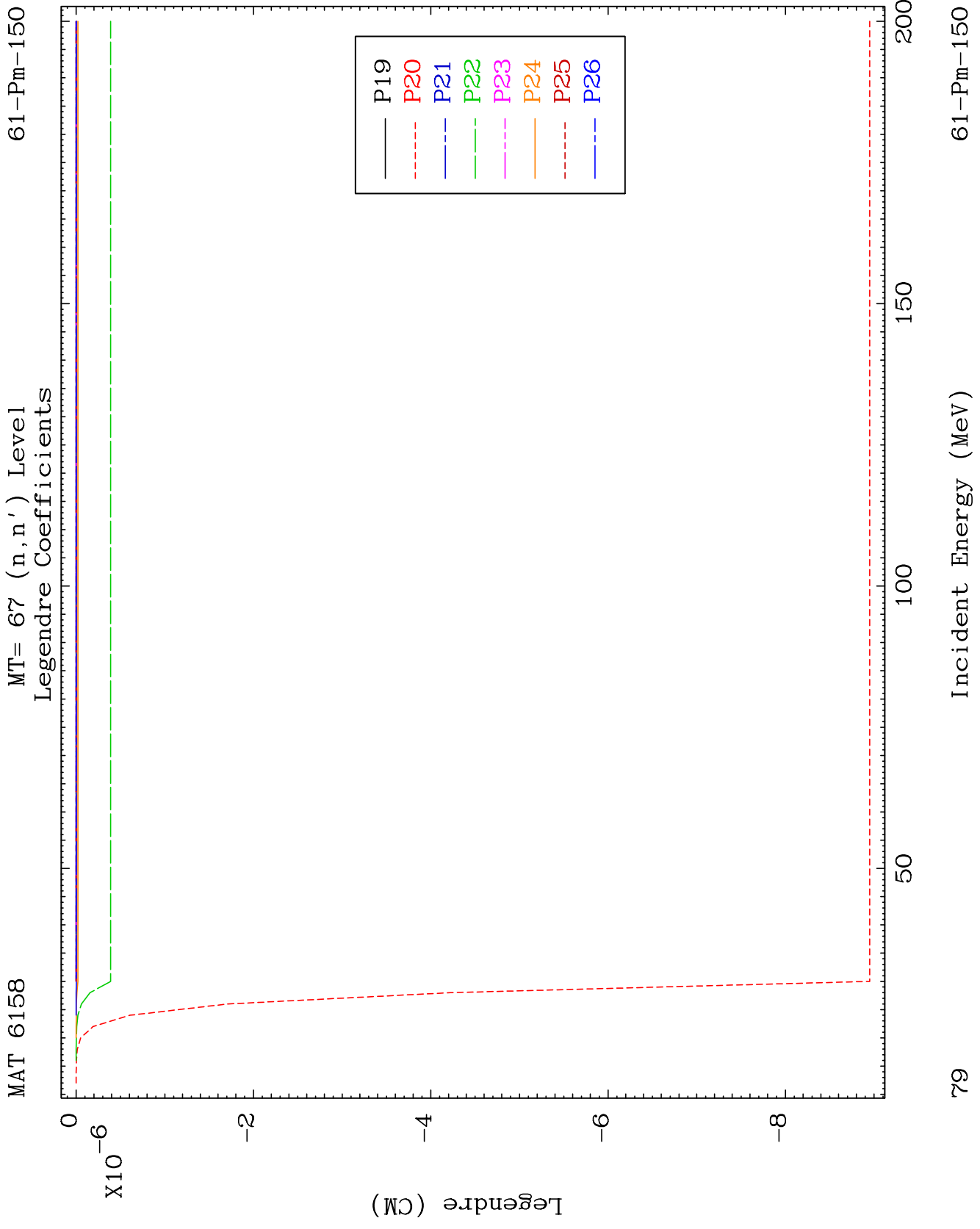


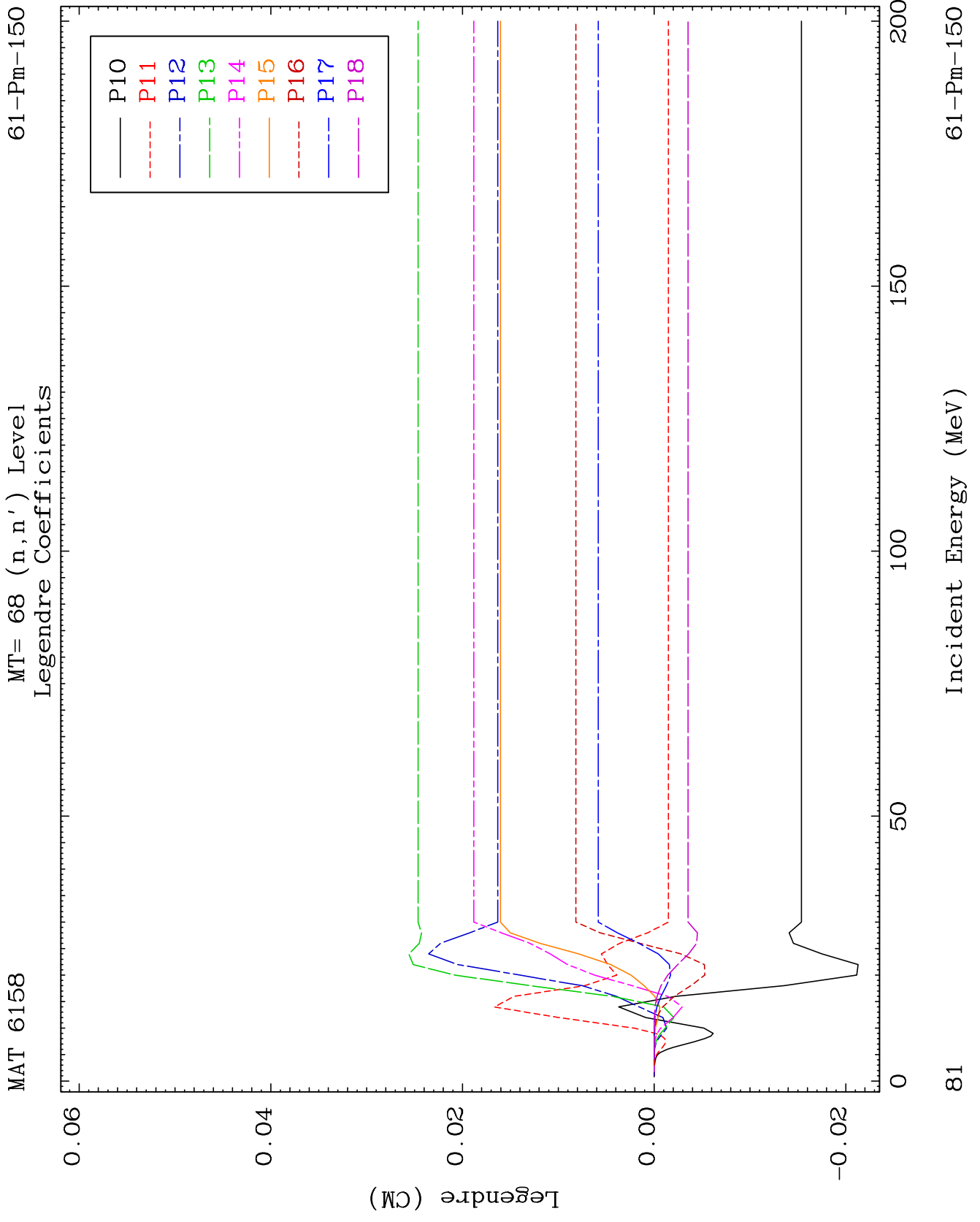








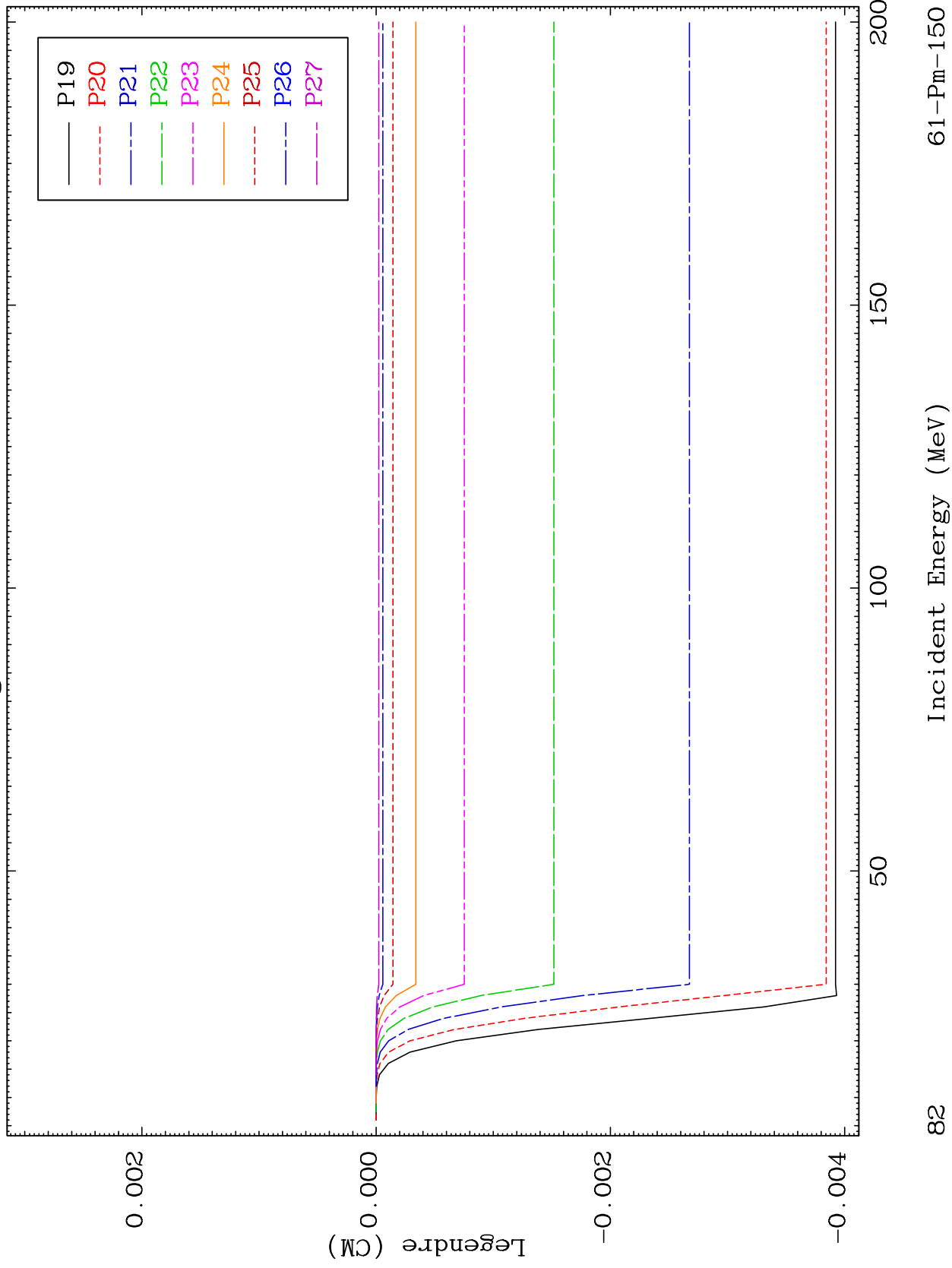




MAT 6158

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

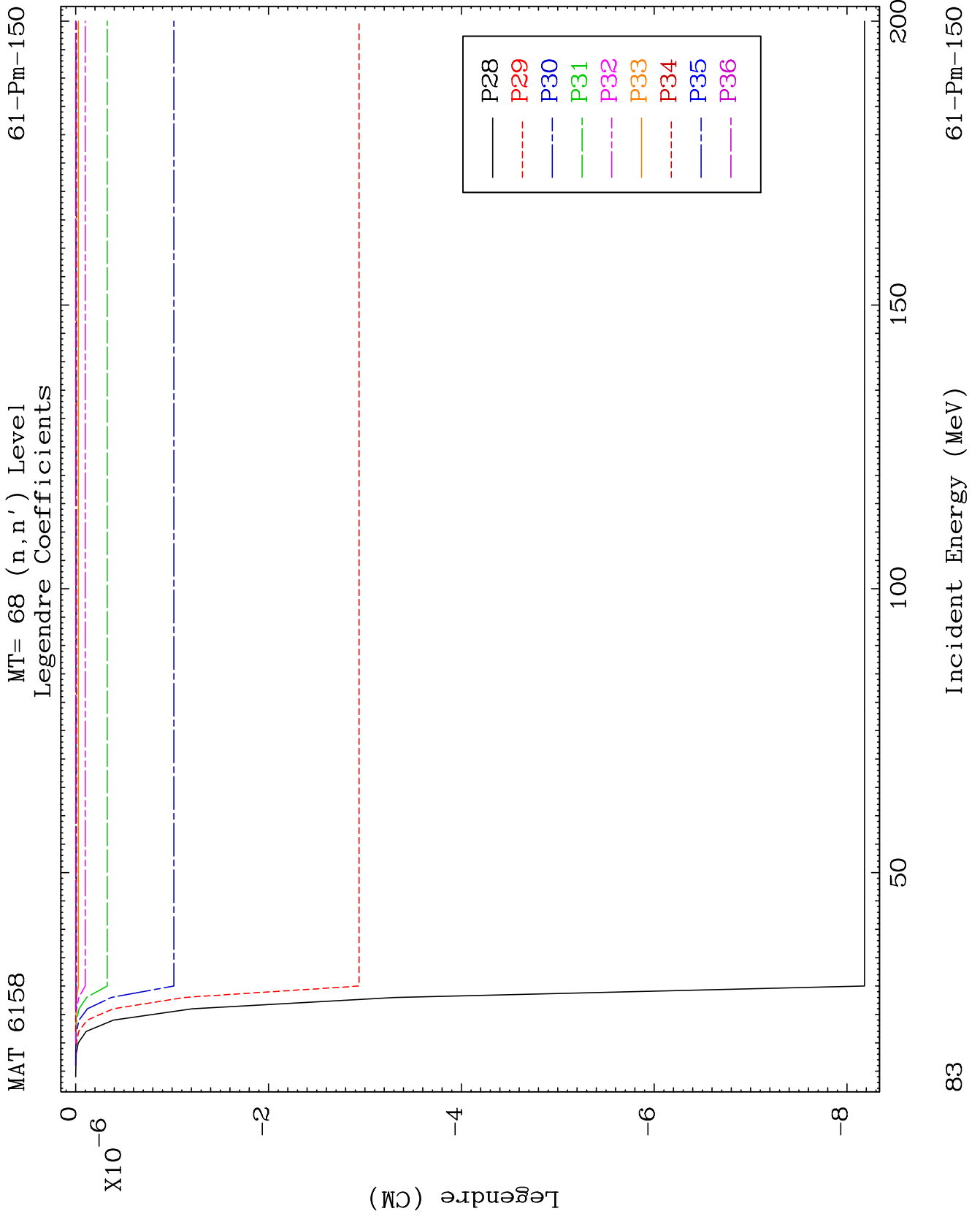
61-Pm-150

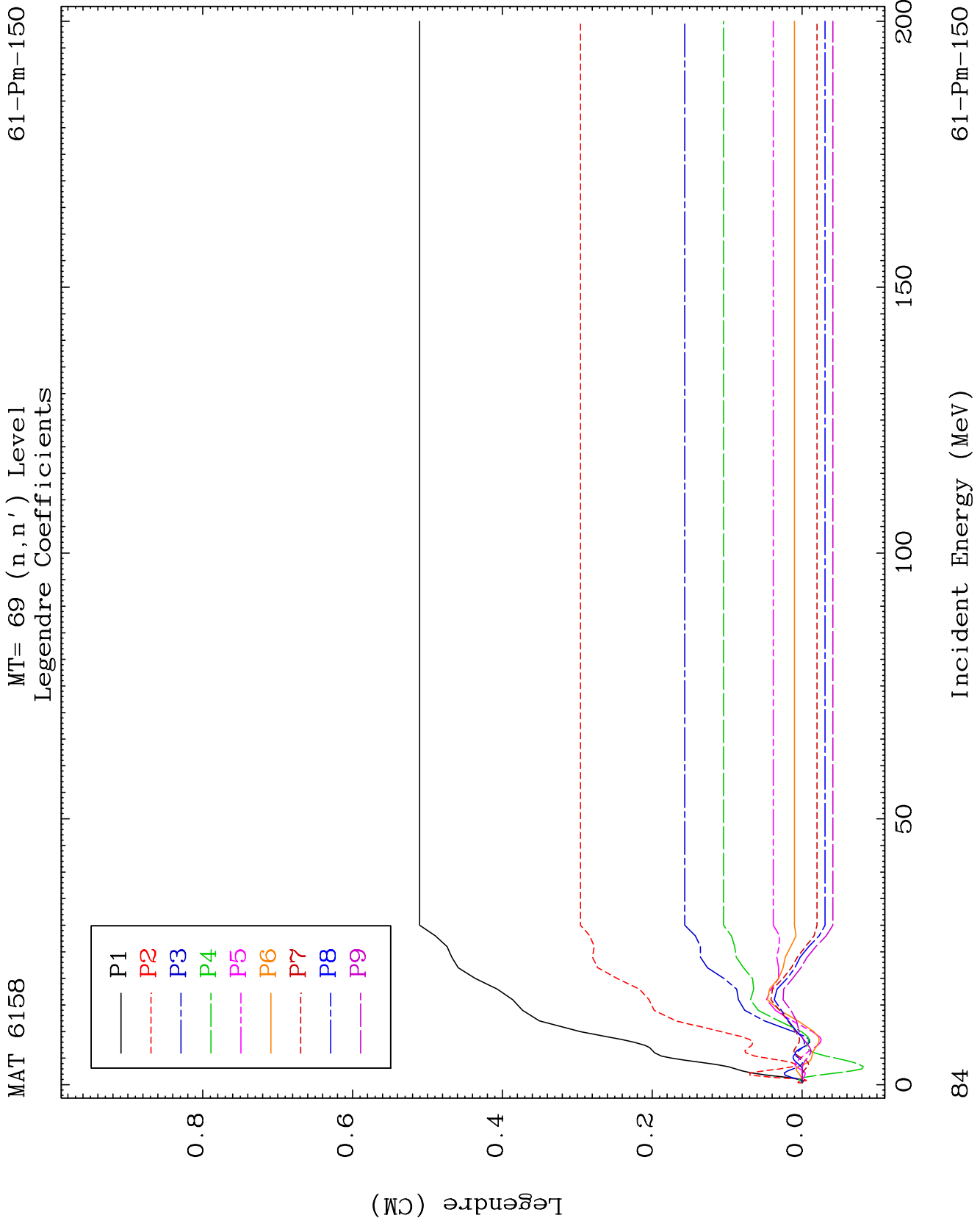


82

Incident Energy (MeV)

61-Pm-150

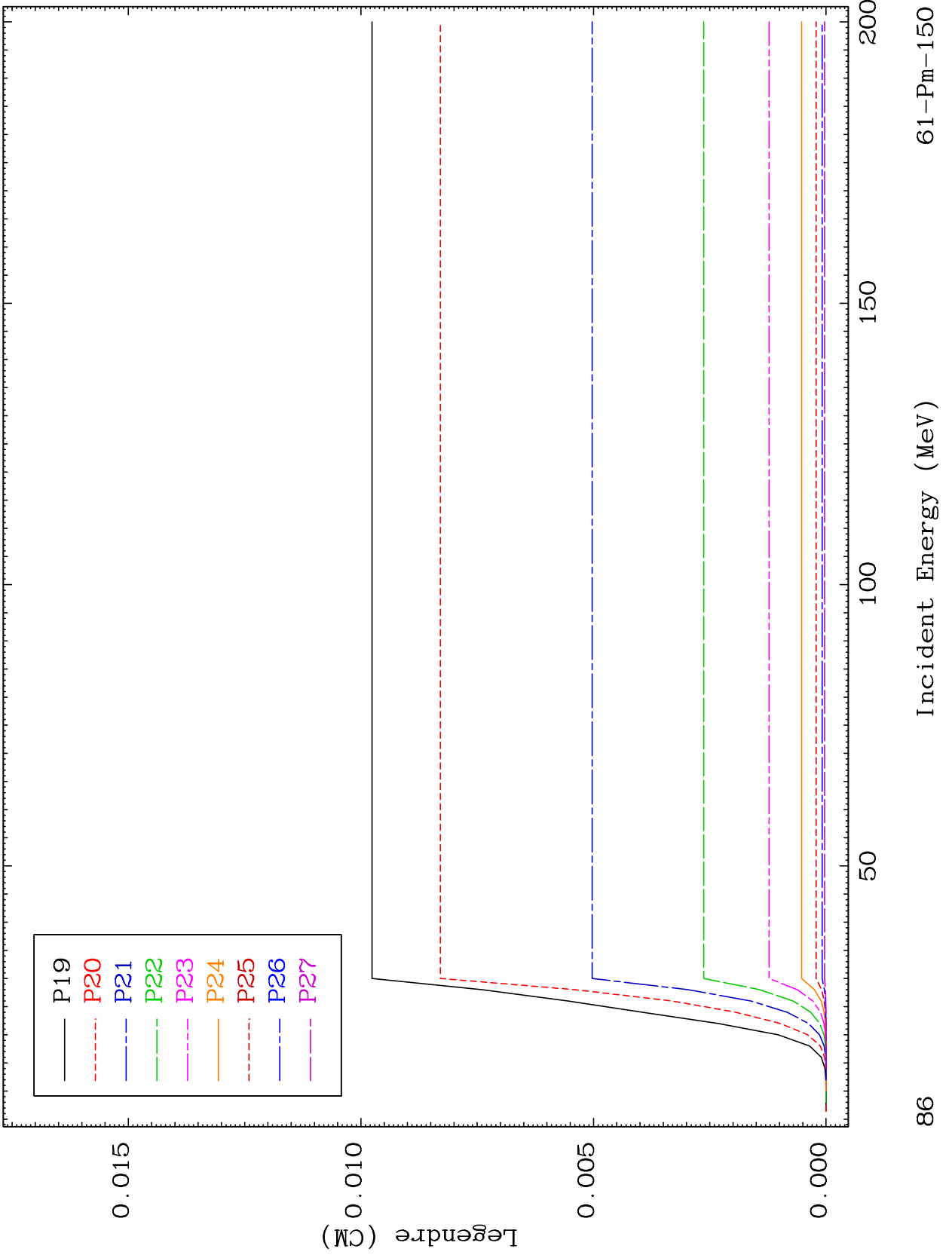




MAT 6158

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

61-Pm-150

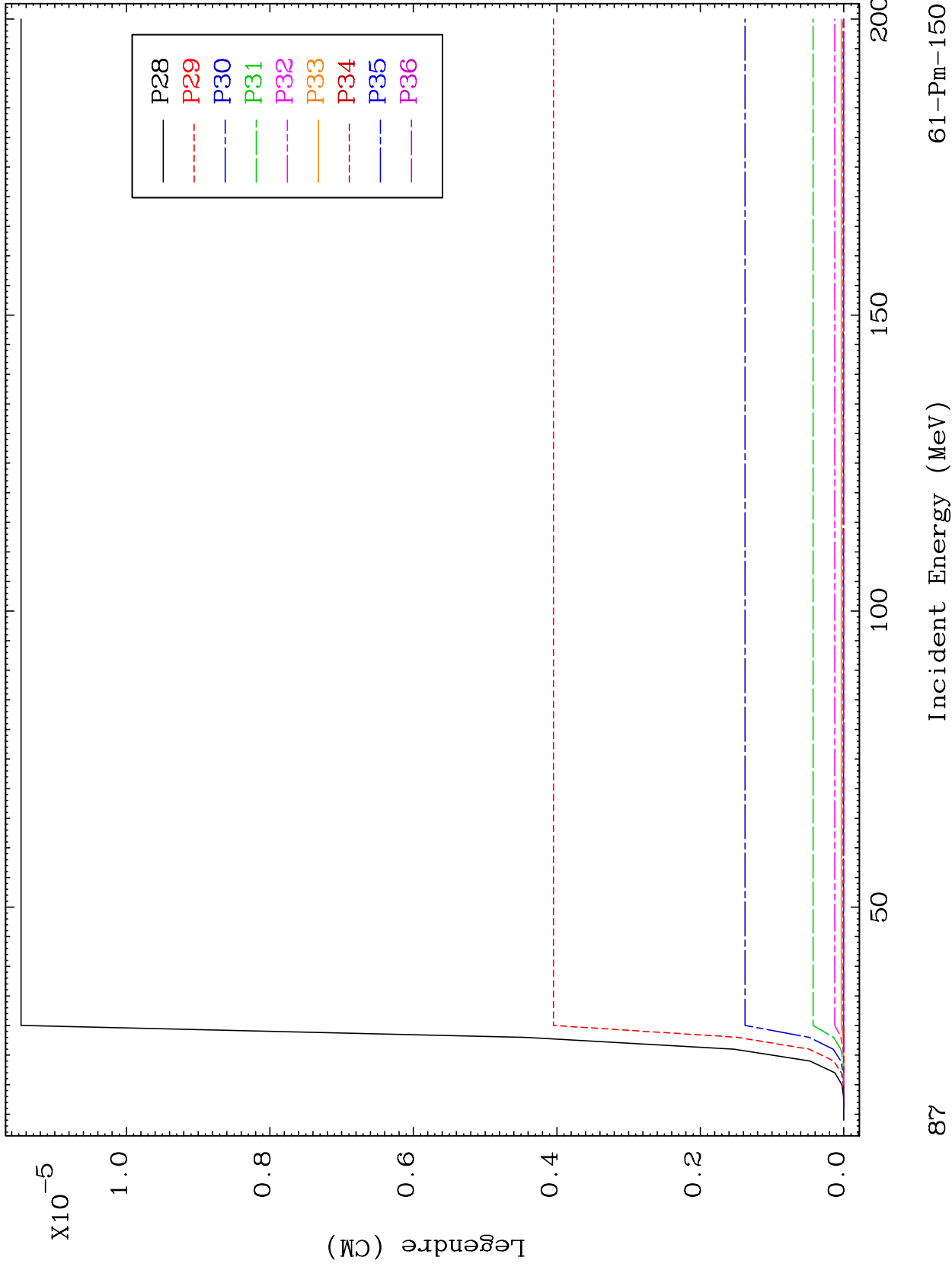


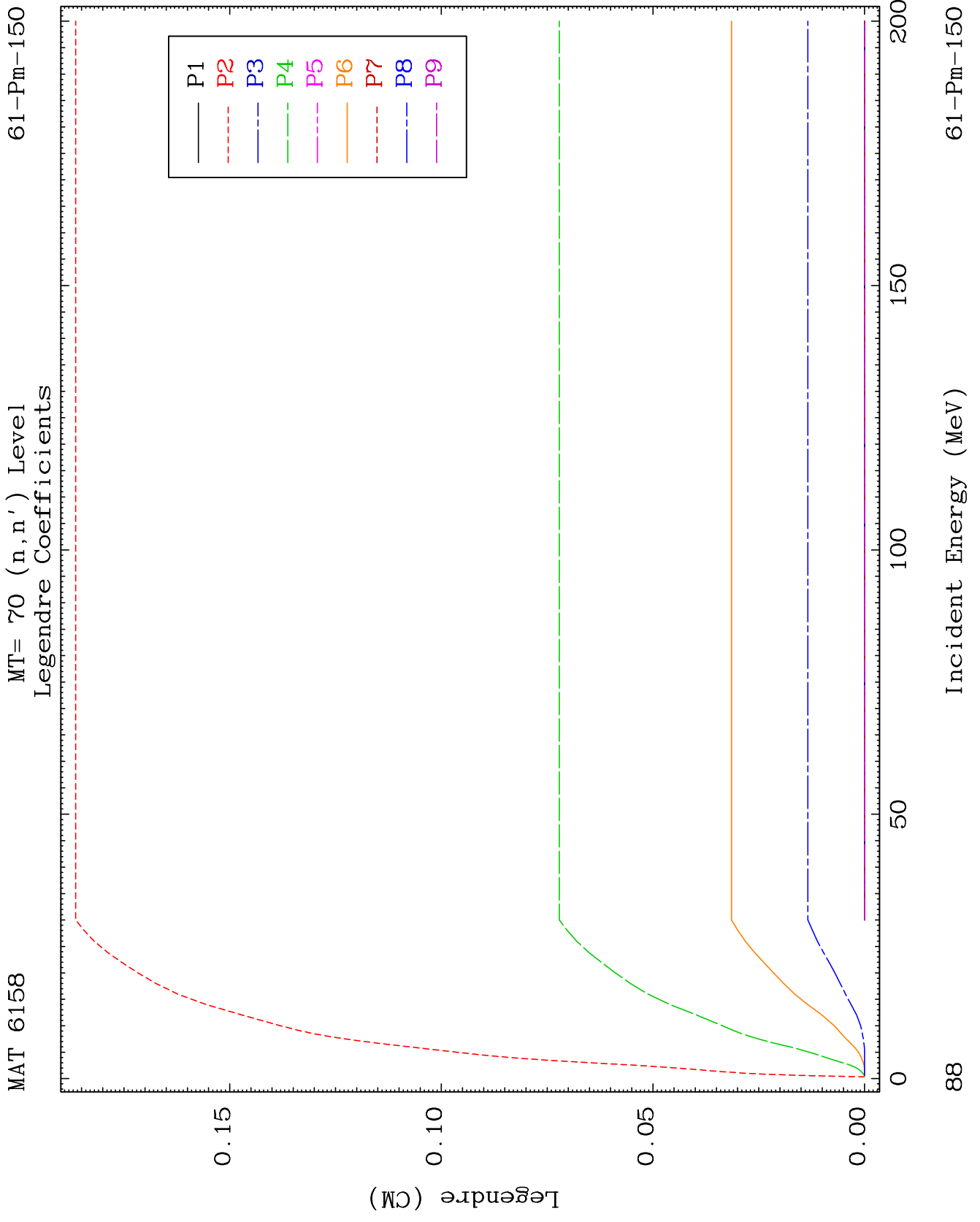
86

MAT 6158

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

61-Pm-150

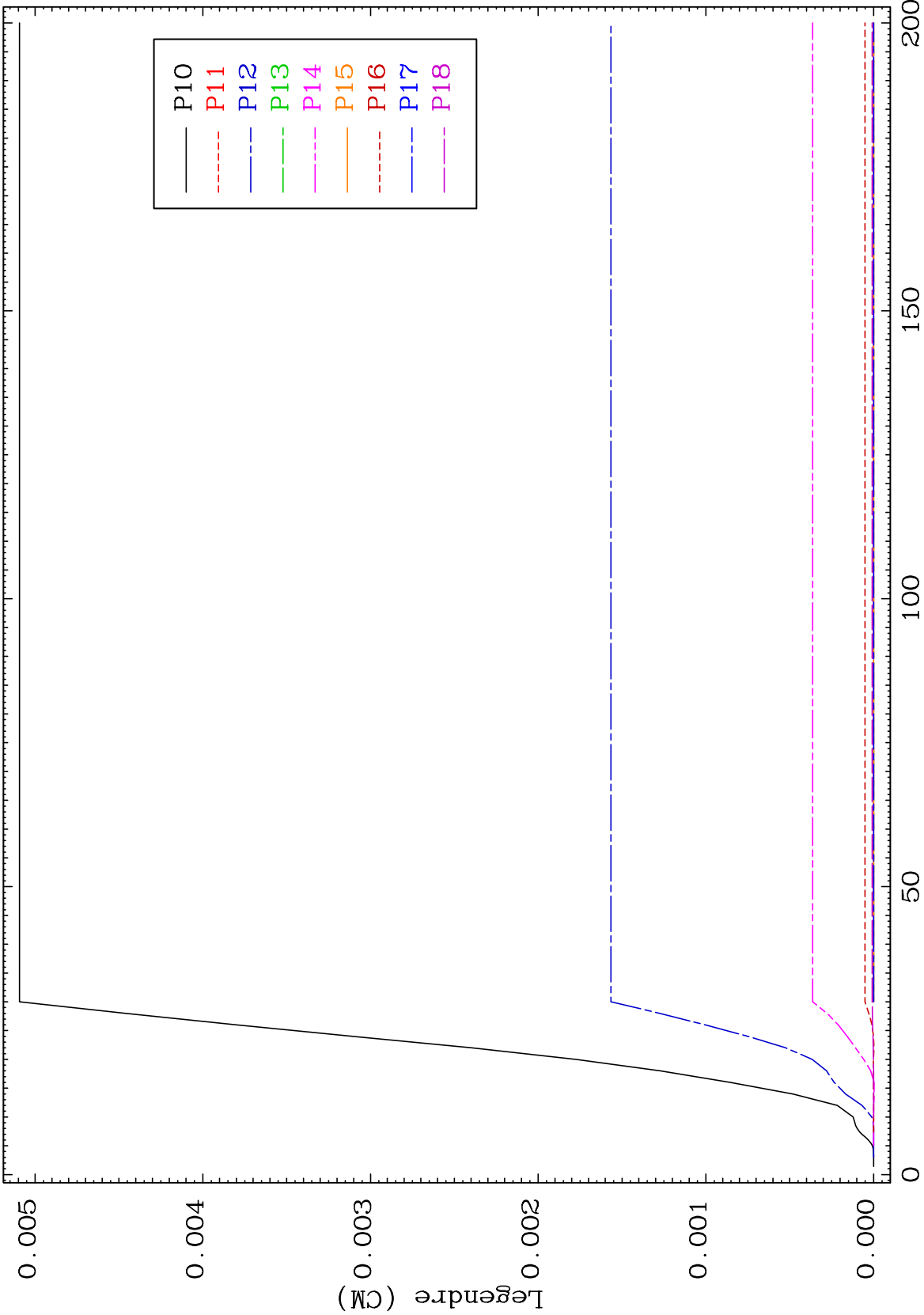




MAT 6158

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

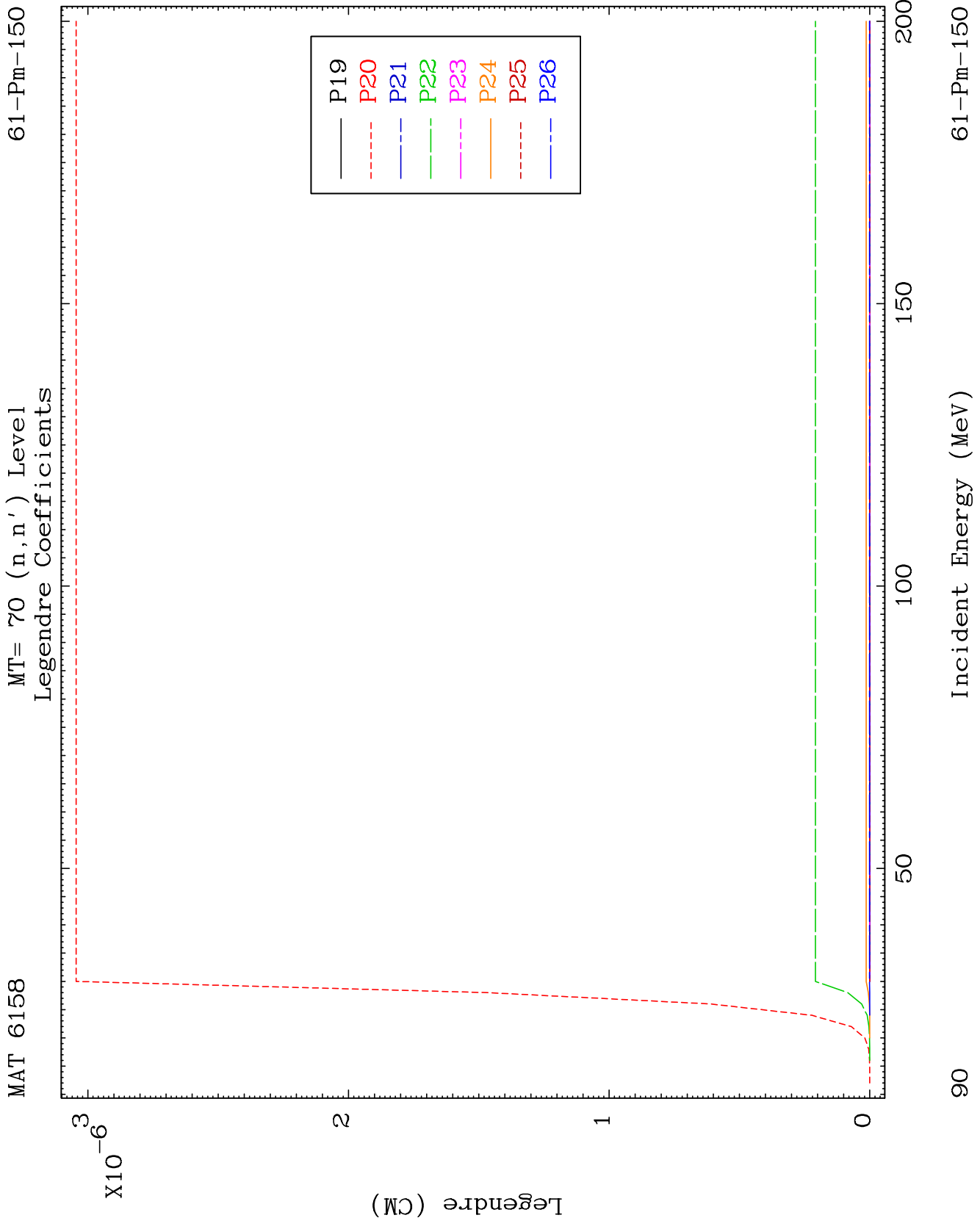
61-Pm-150

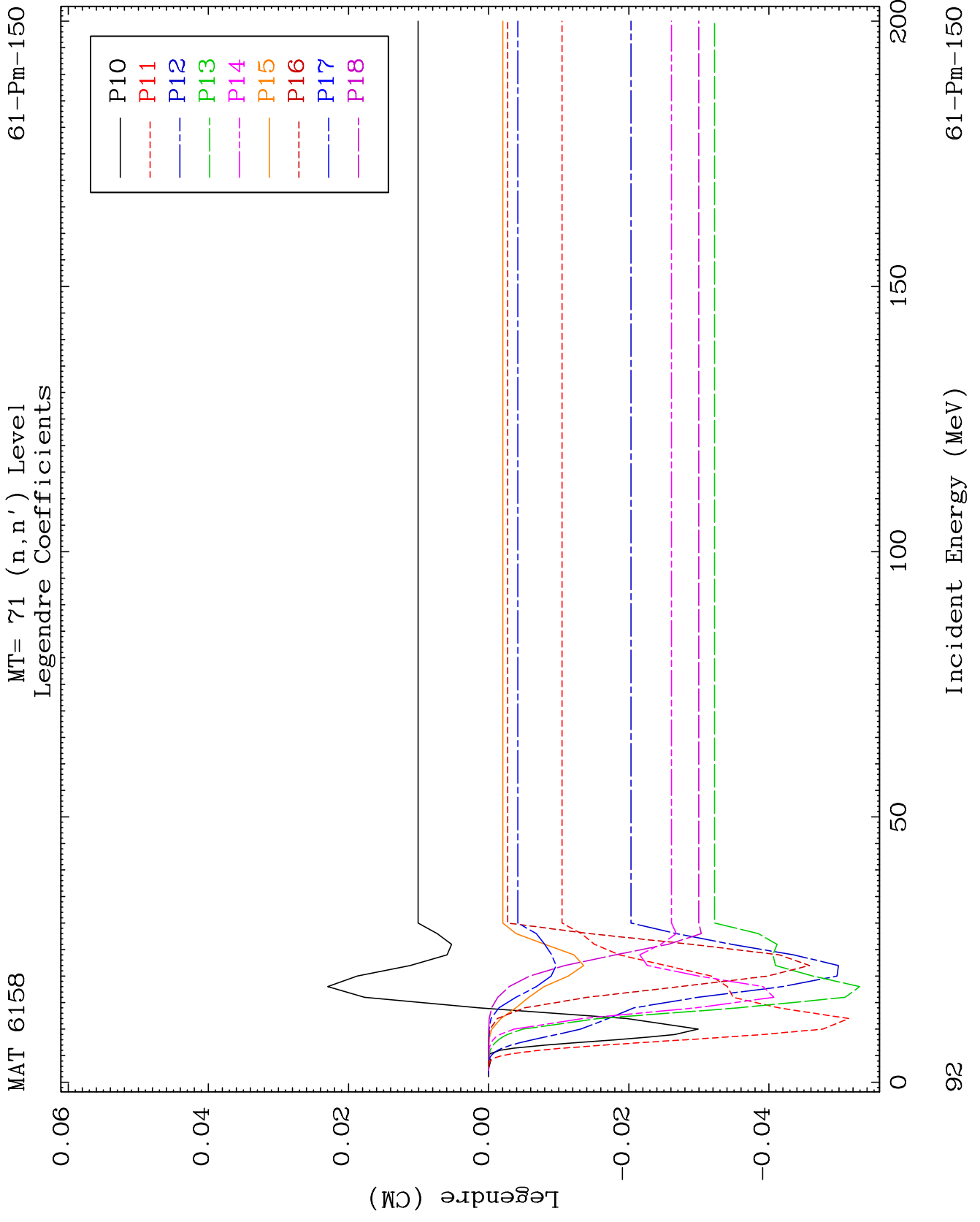


89

Incident Energy (MeV)

61-Pm-150

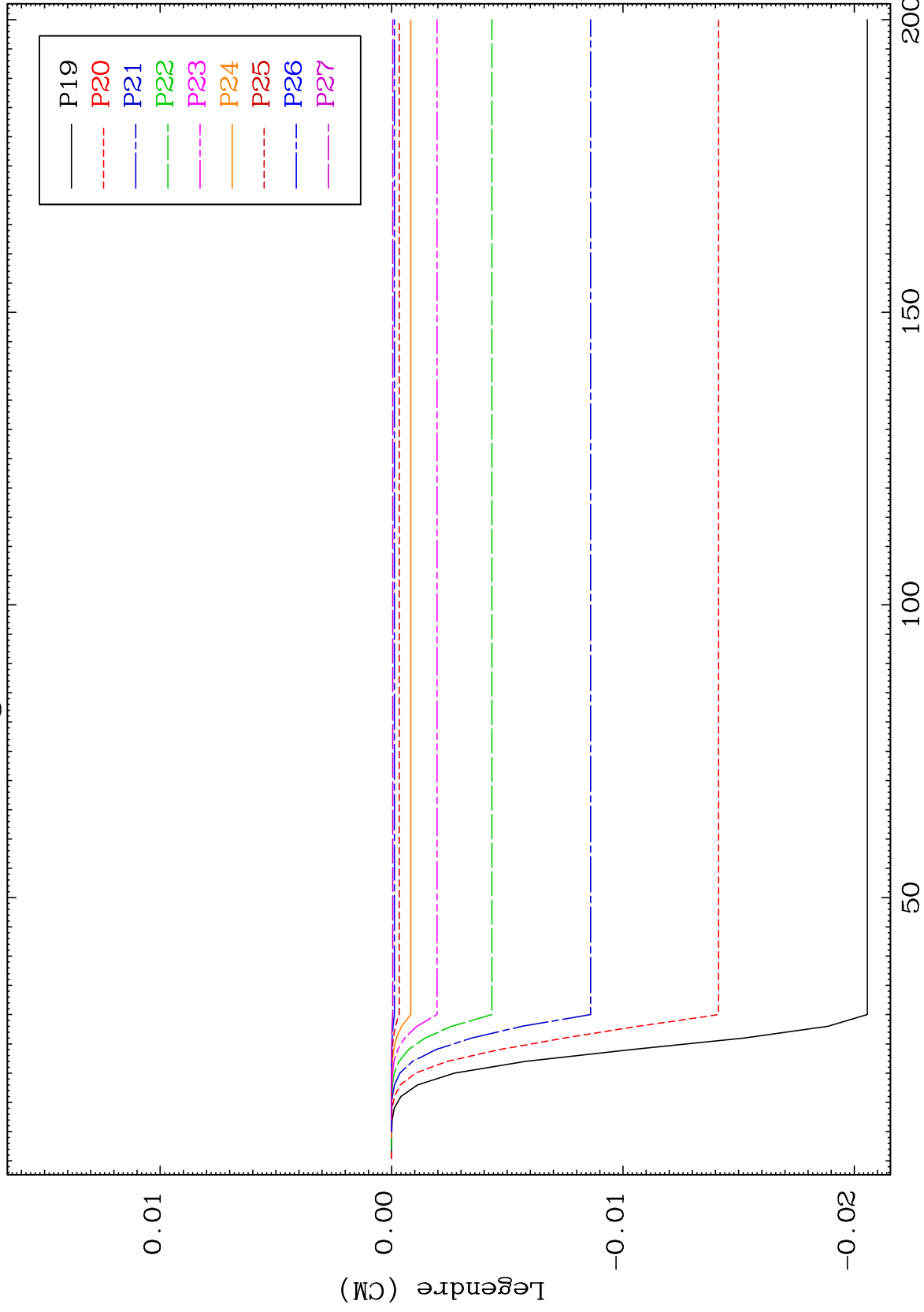




MAT 6158

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

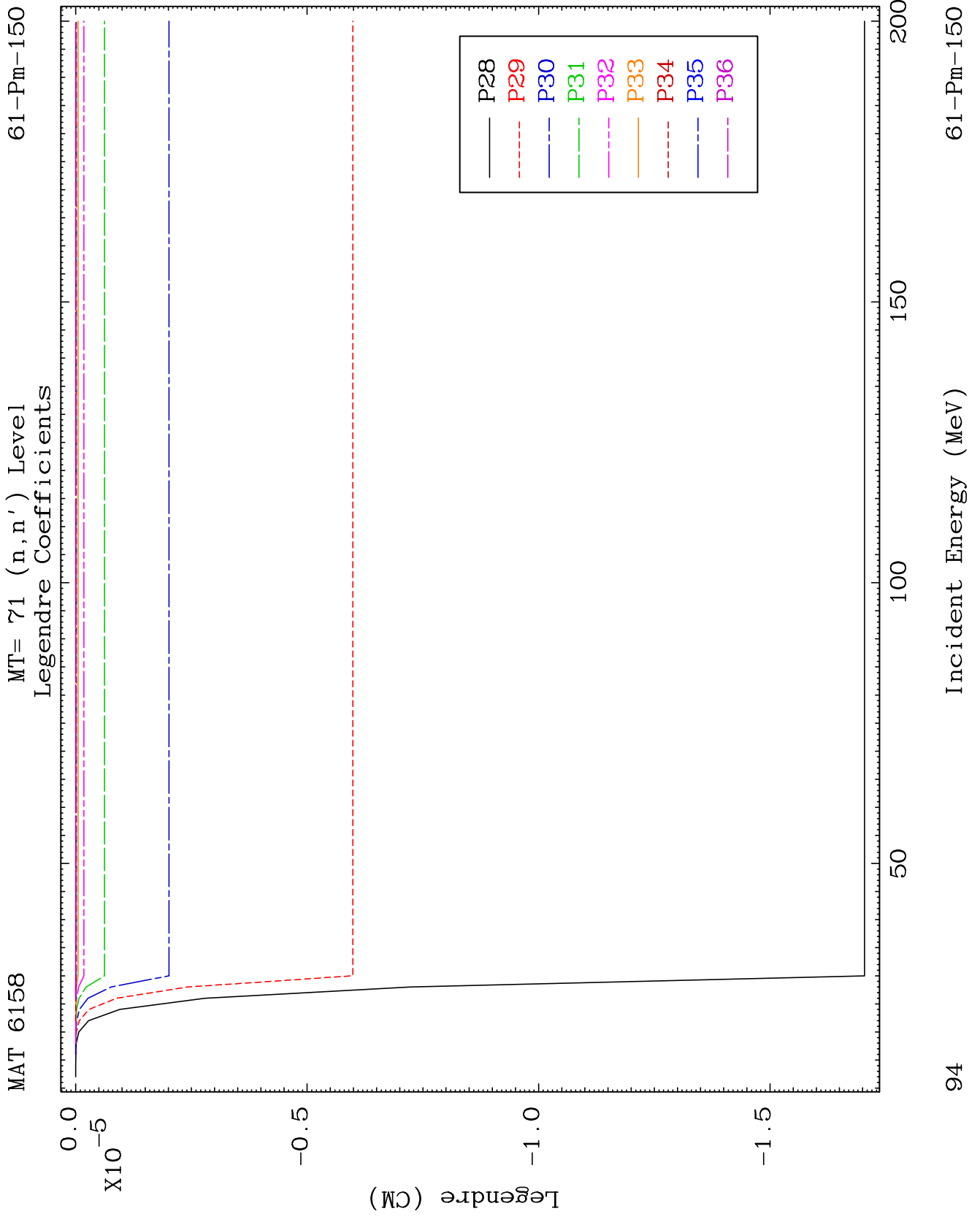
61-Pm-150

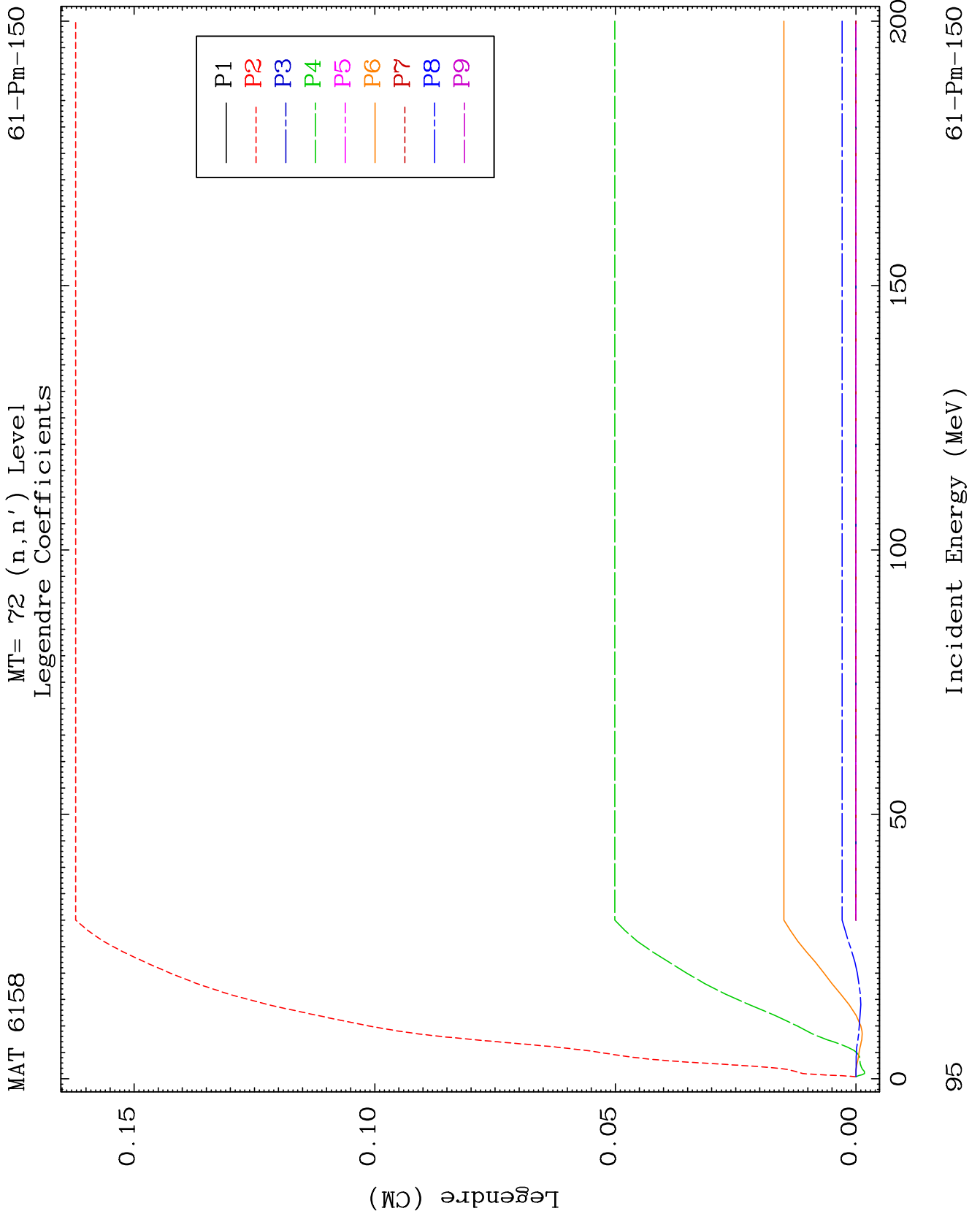


93

Incident Energy (MeV)

61-Pm-150

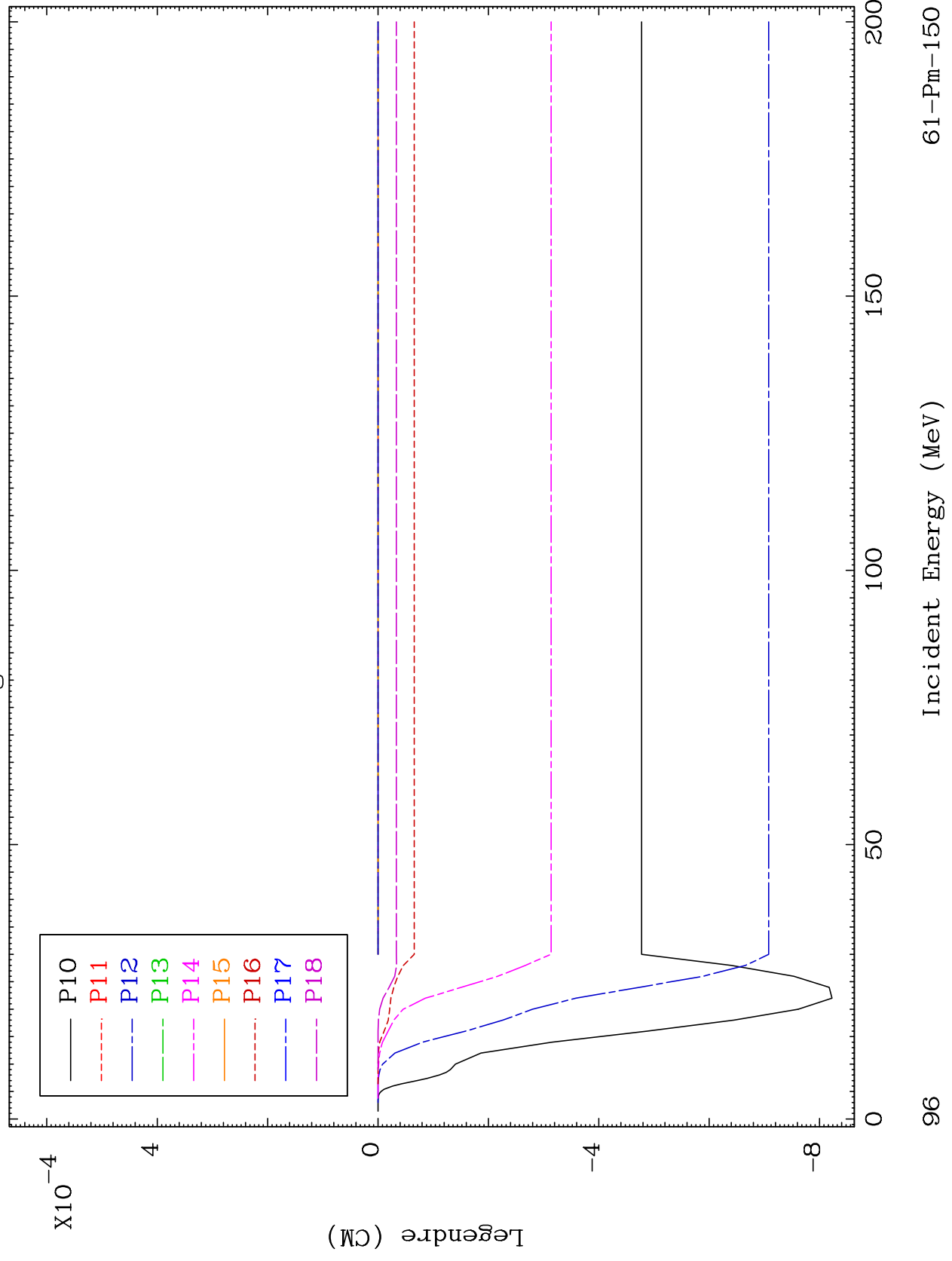




MAT 6158

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

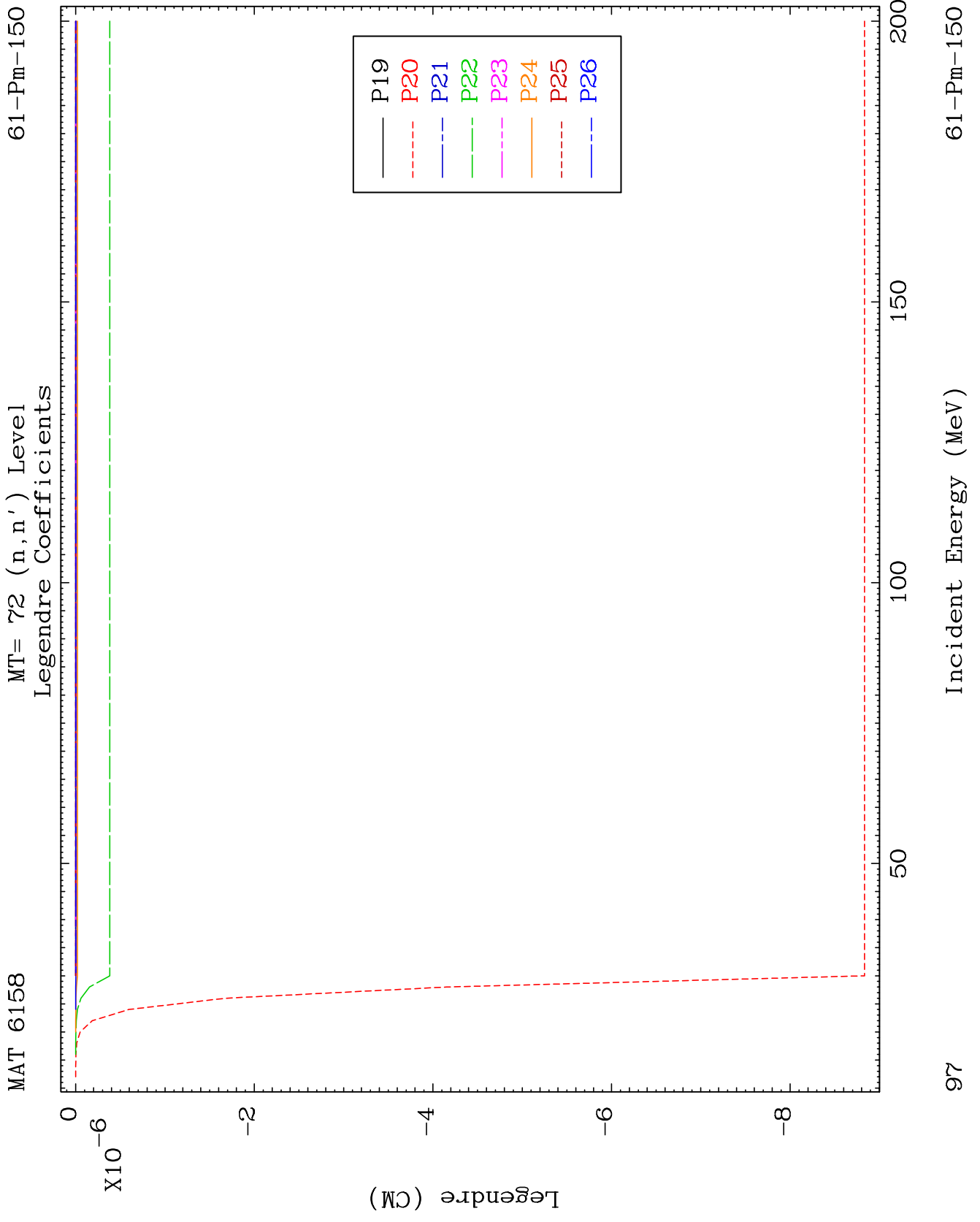
61-Pm-150

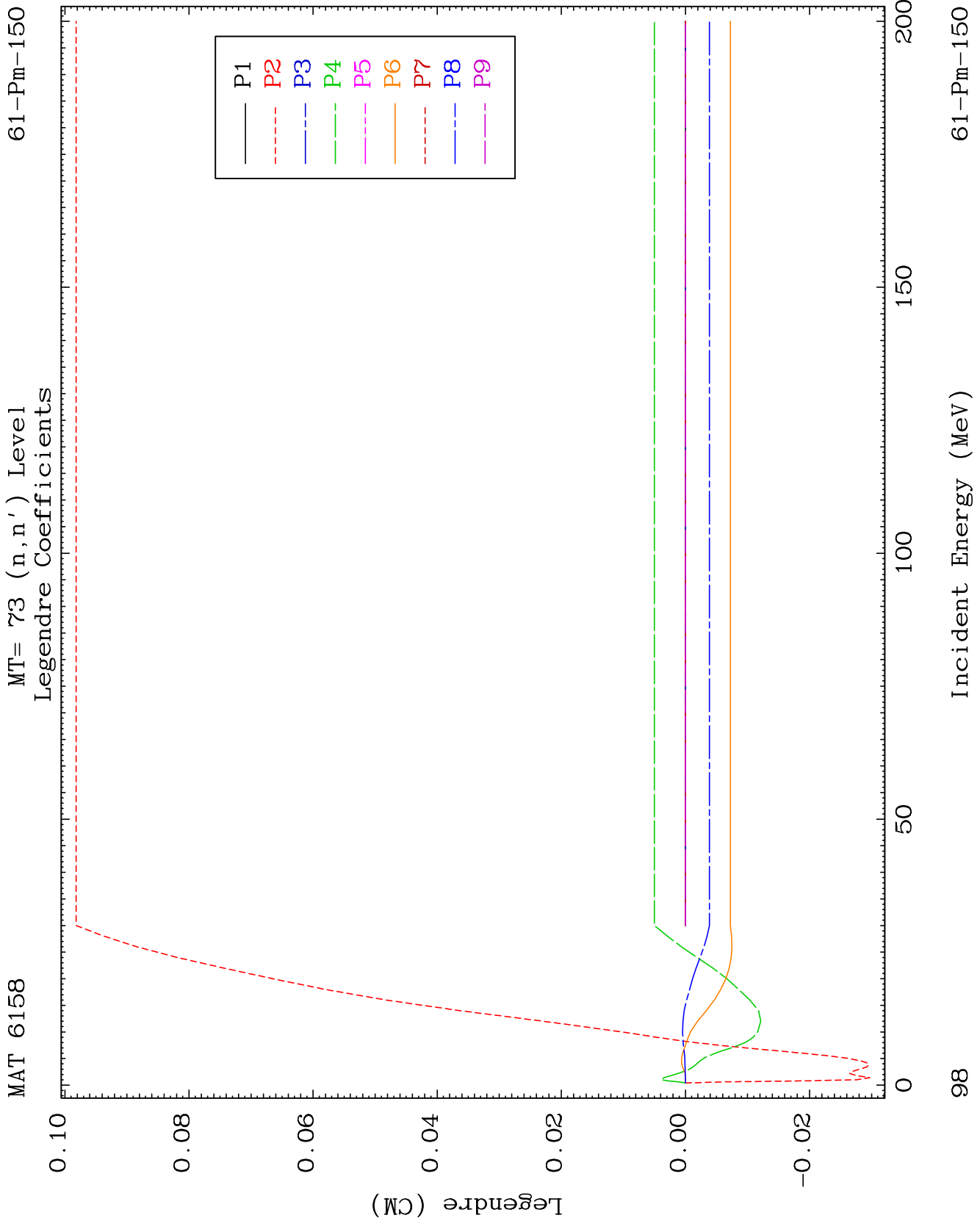


96

Incident Energy (MeV)

61-Pm-150

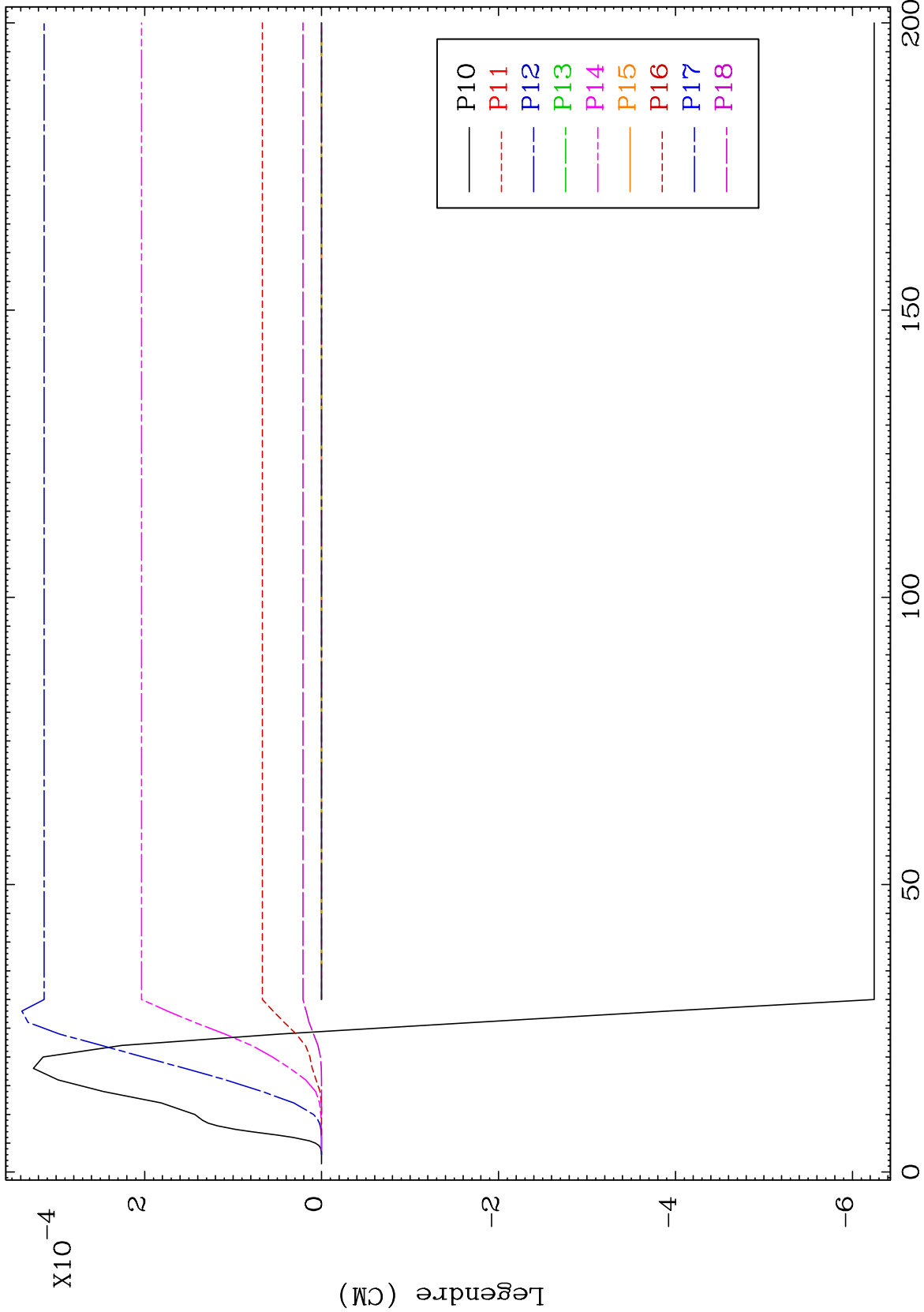




MAT 6158

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

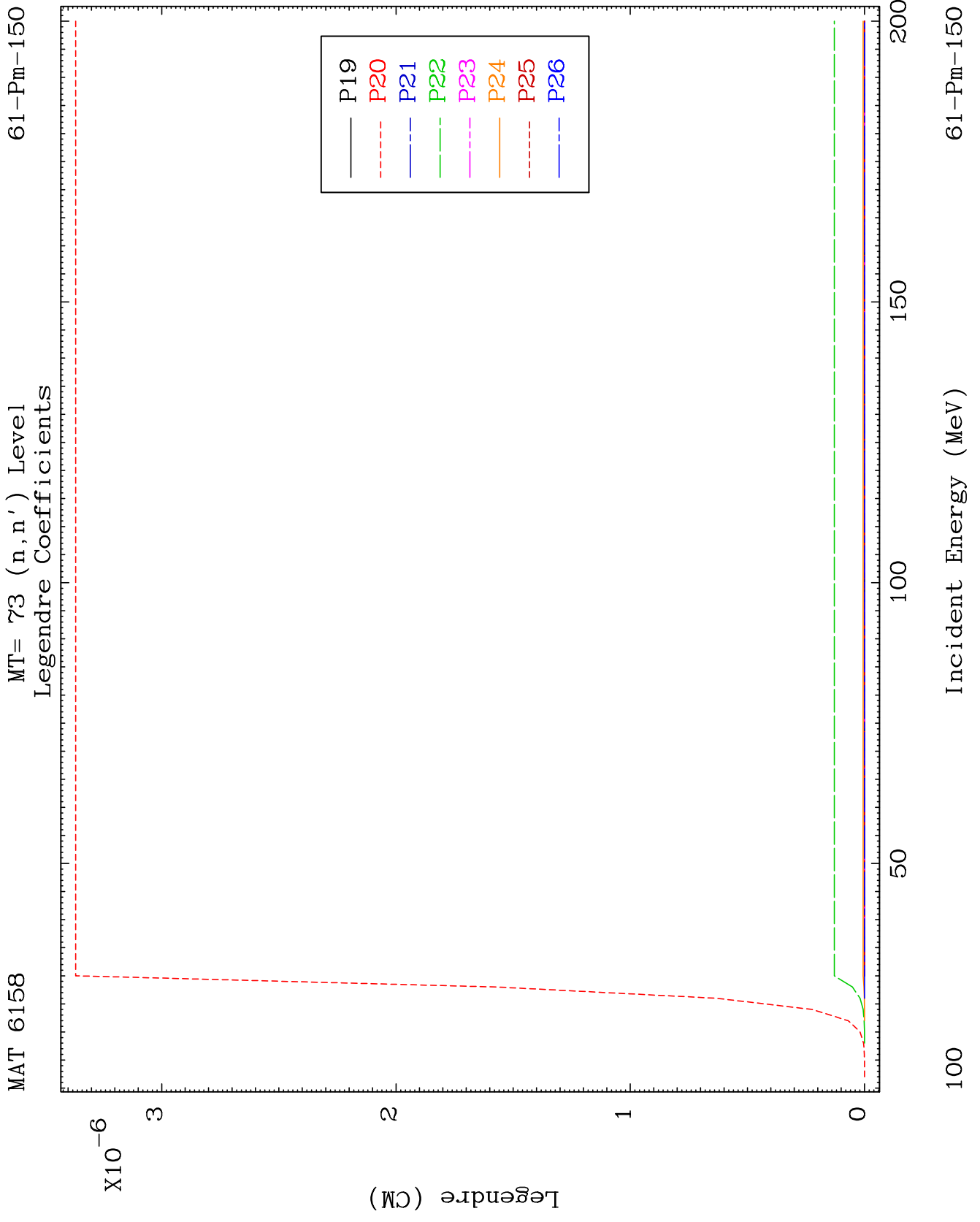
61-Pm-150

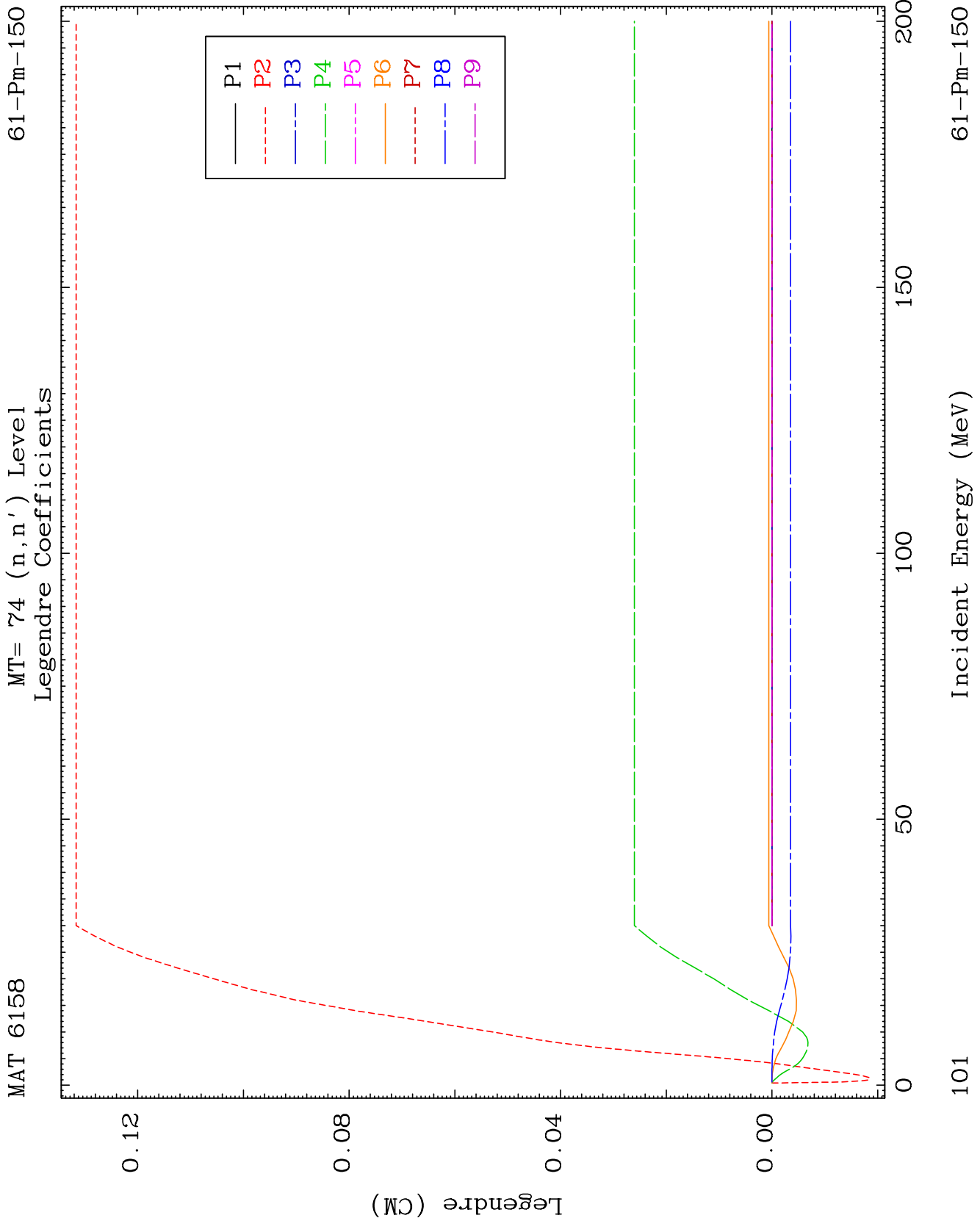


99

Incident Energy (MeV)

61-Pm-150

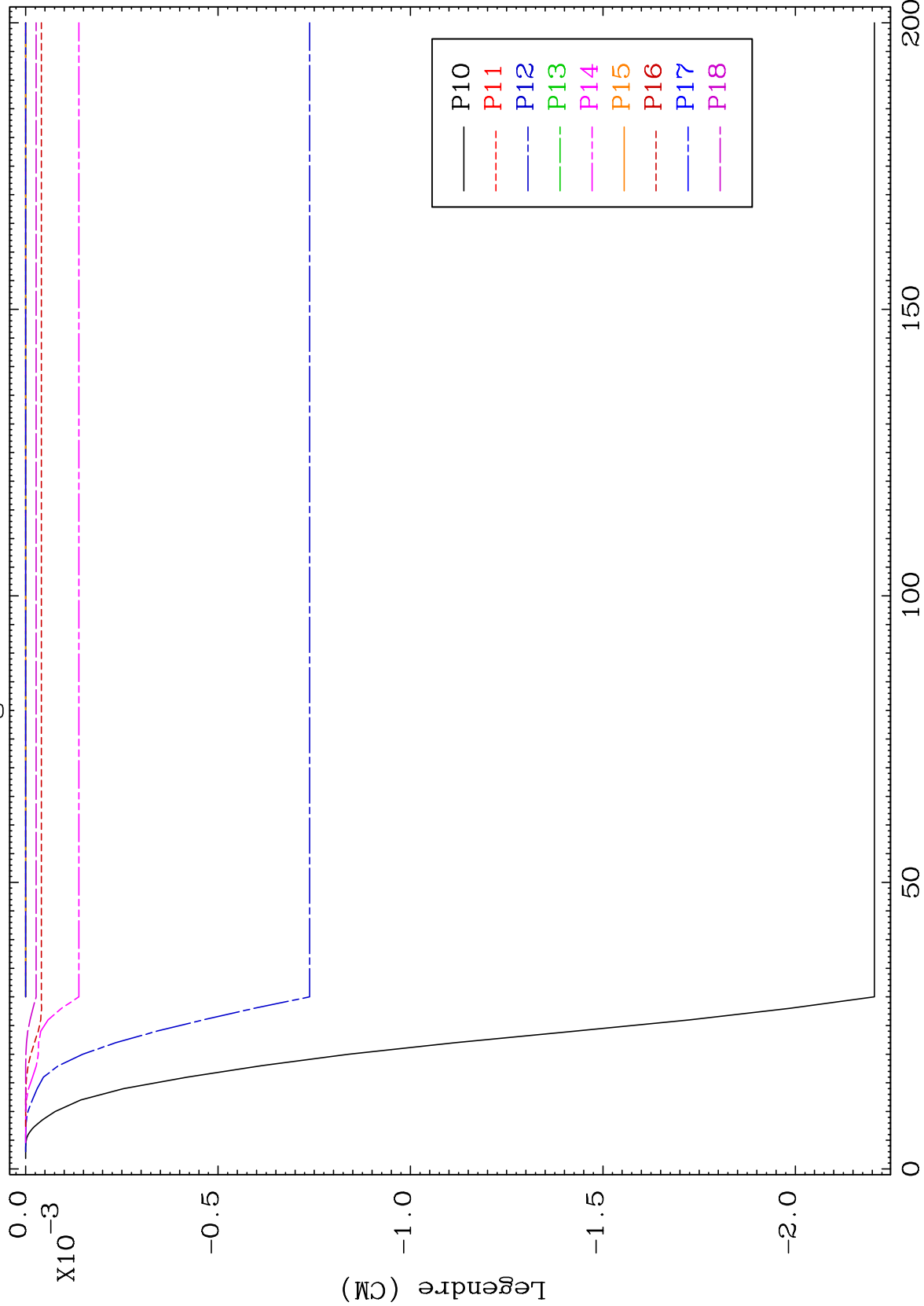




MAT 6158

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

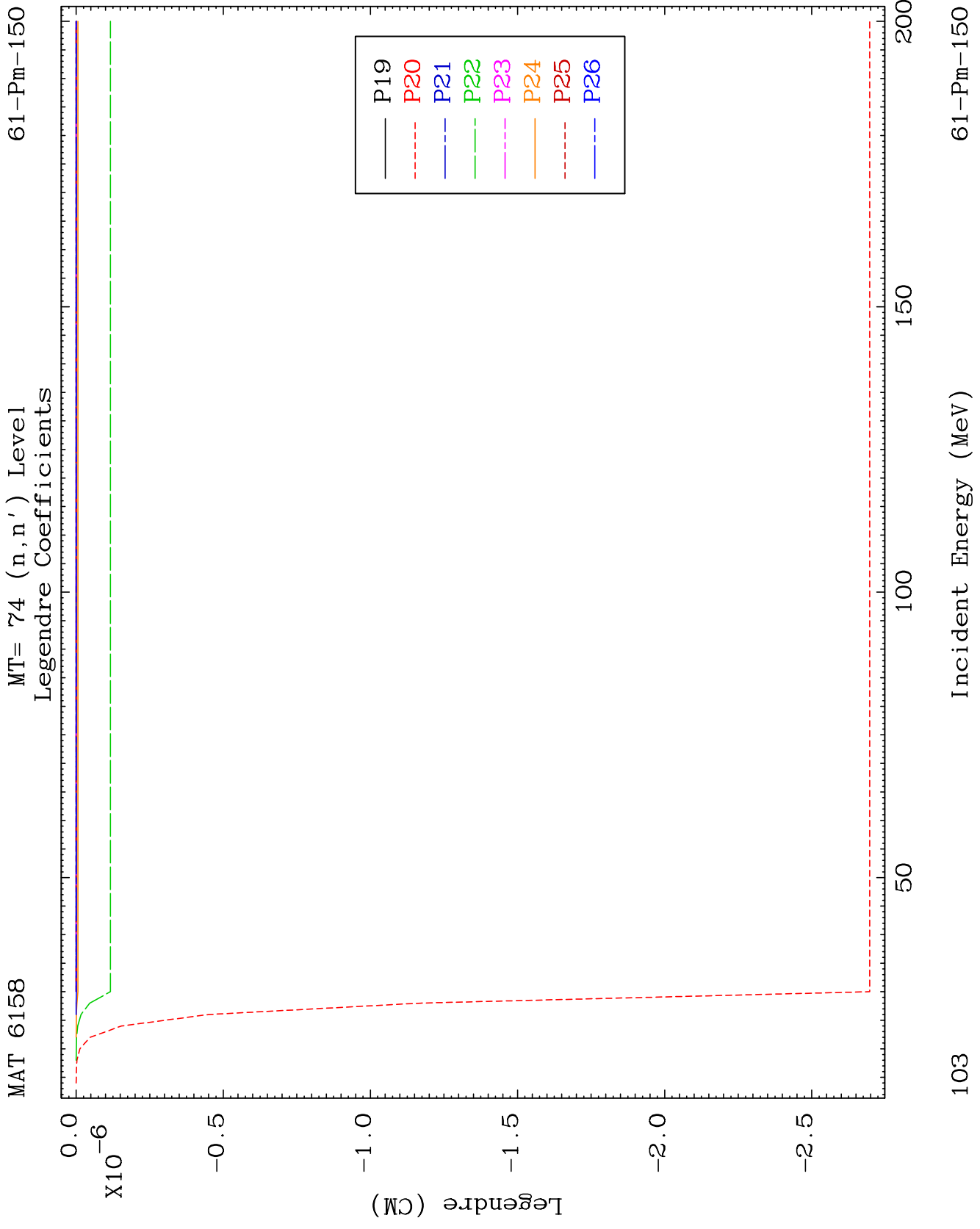
61-Pm-150



102

Incident Energy (MeV)

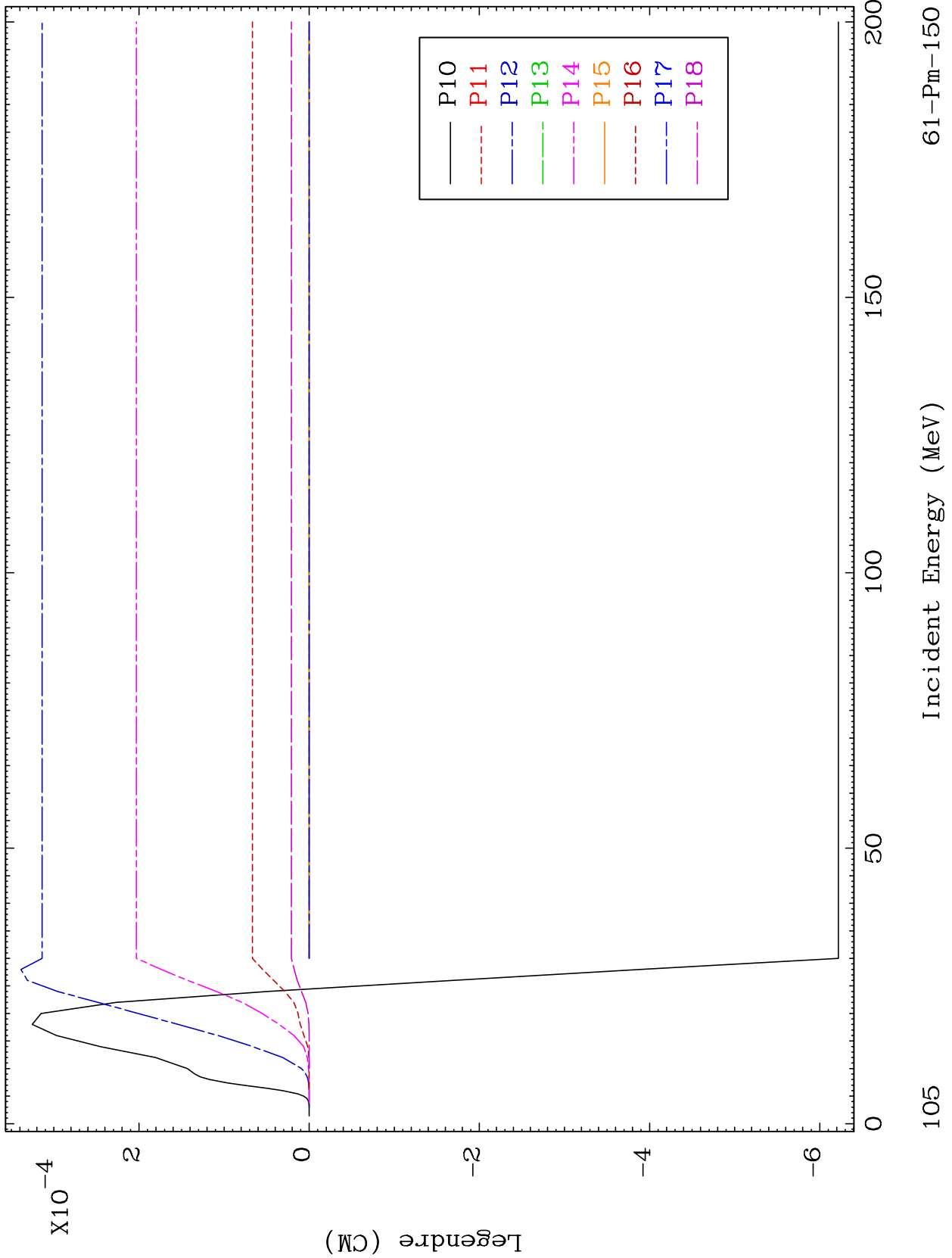
61-Pm-150



MAT 6158

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

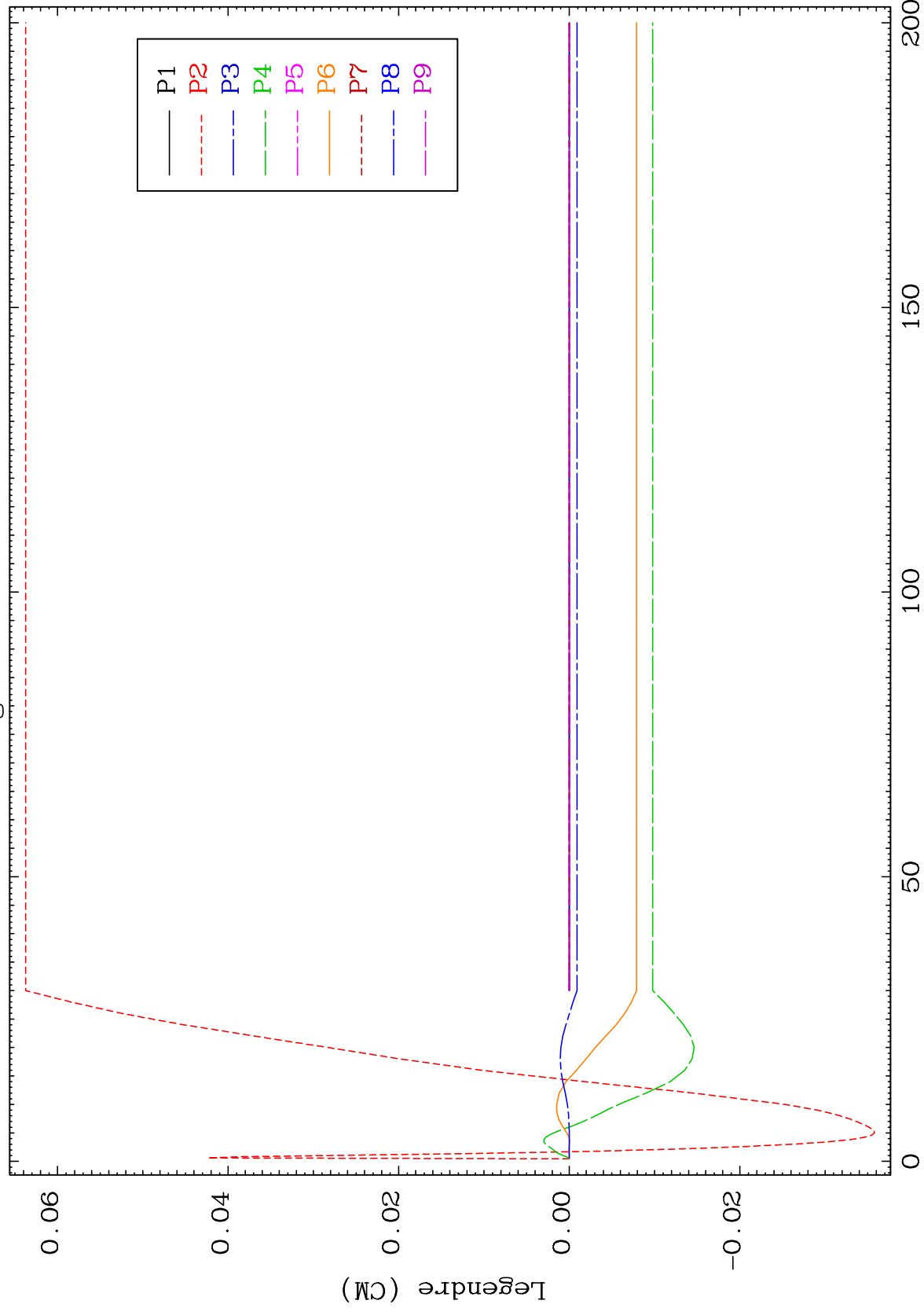
61-Pm-150



MAT 6158

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

61-Pm-150



61-Pm-150

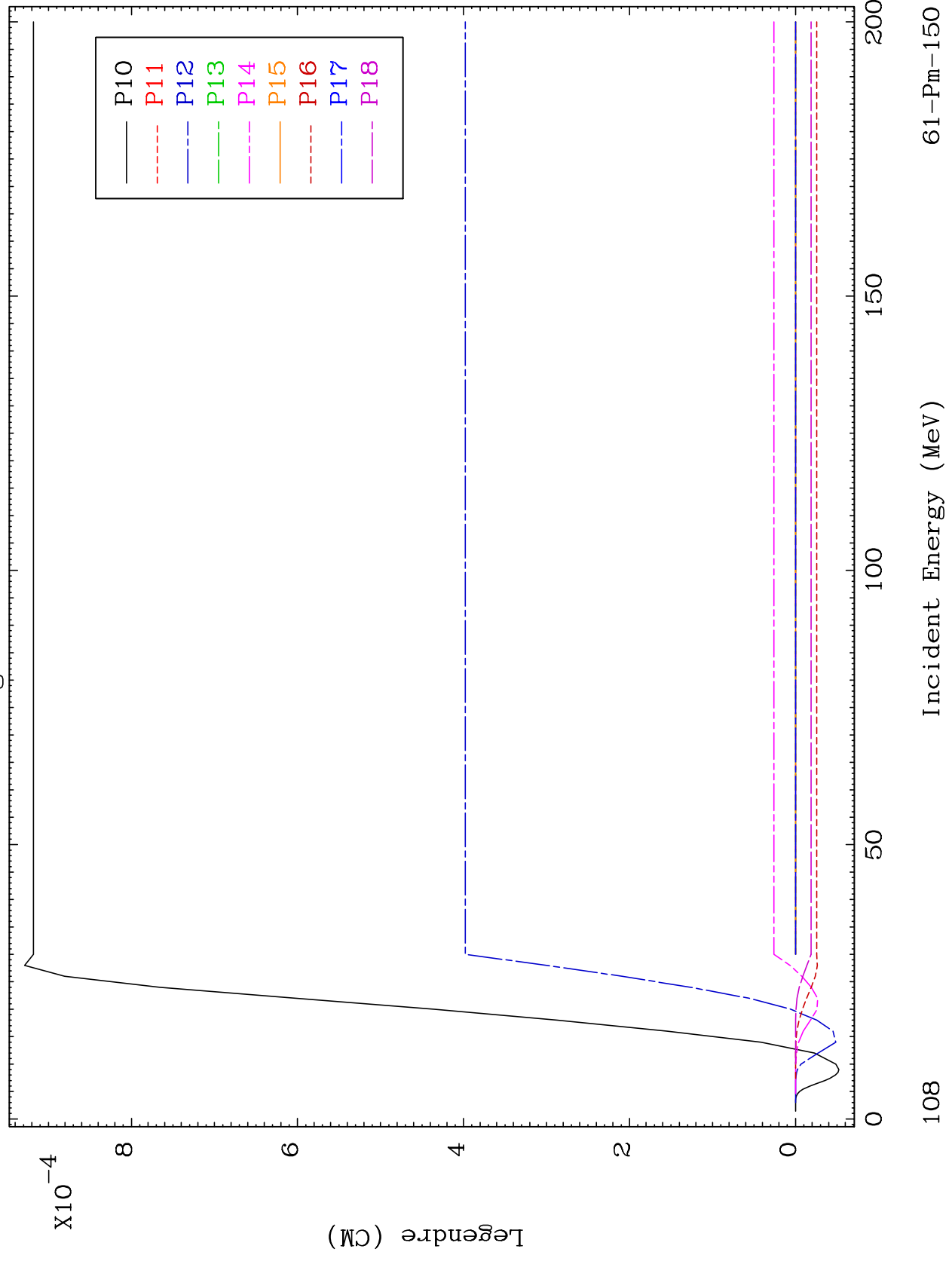
Incident Energy (MeV)

107

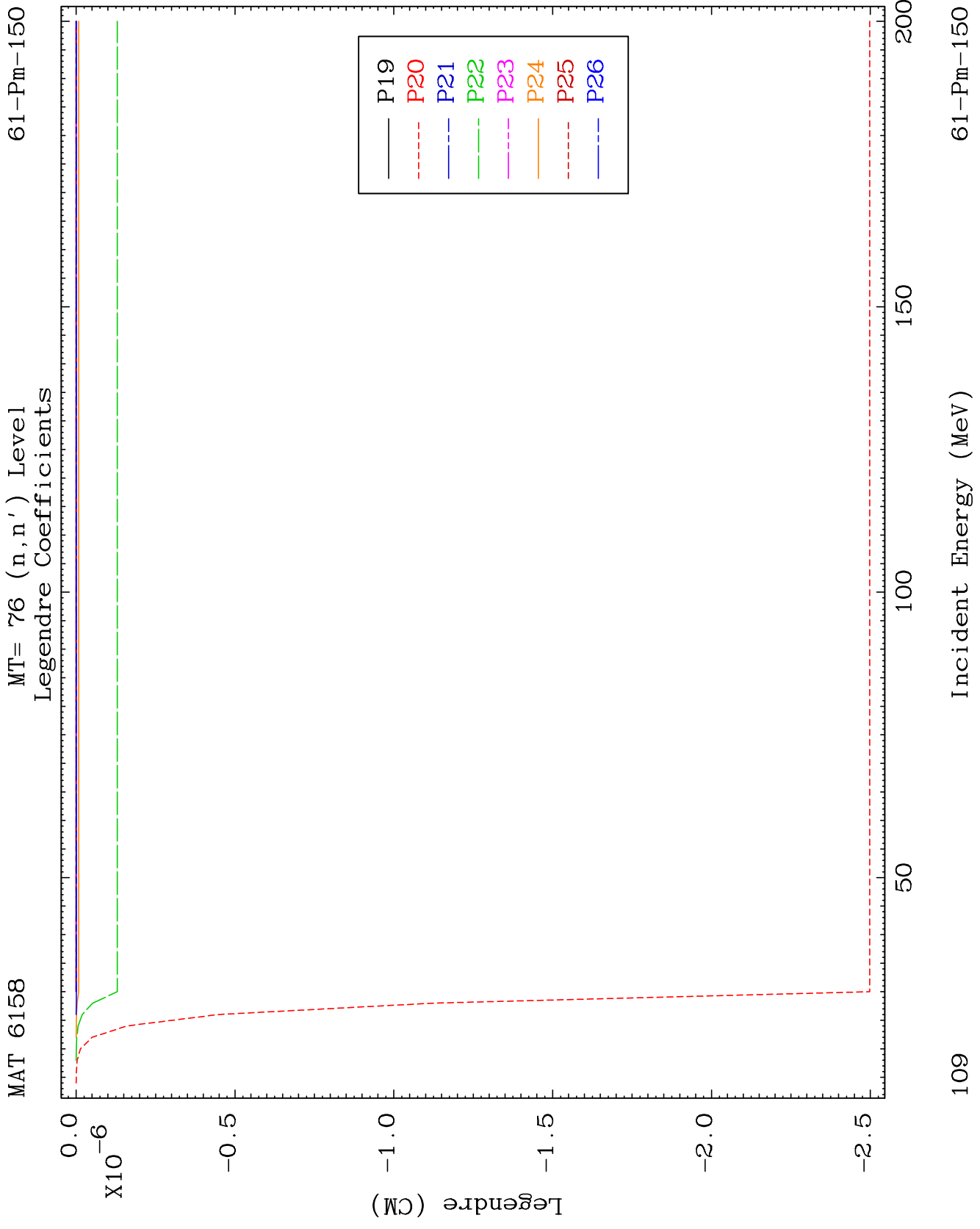
MAT 6158

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

61-Pm-150



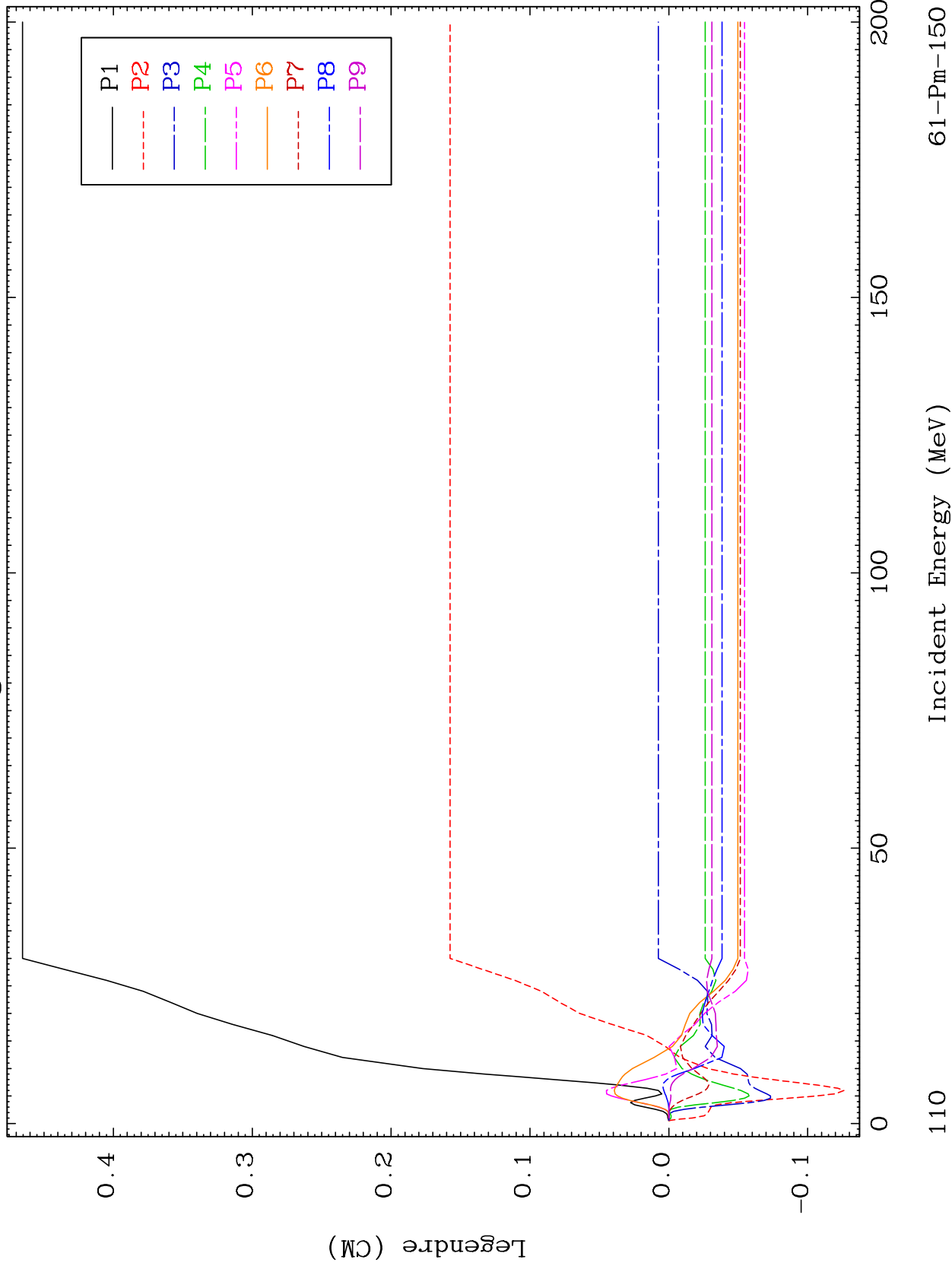
108



MAT 6158

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

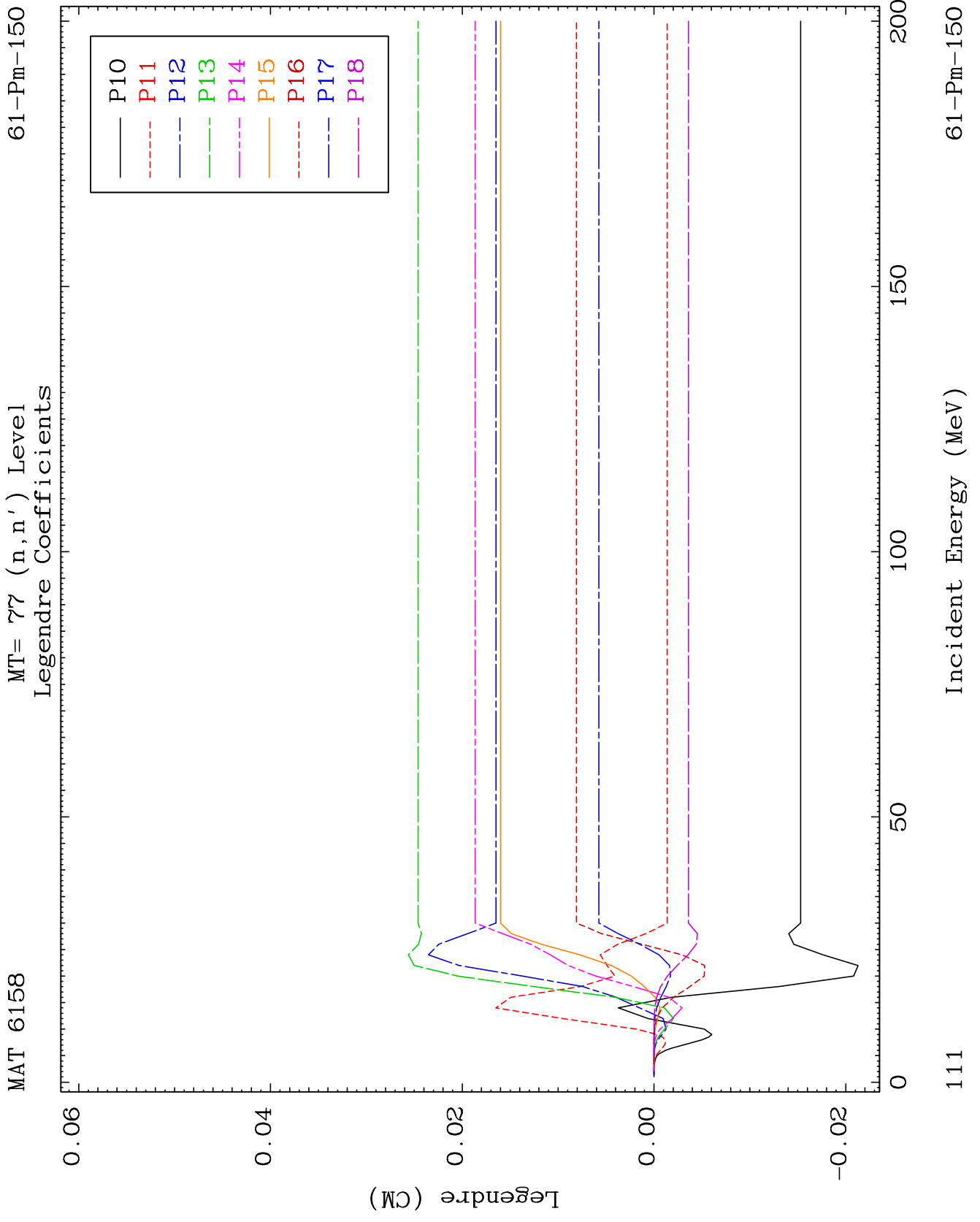
61-Pm-150



61-Pm-150

Incident Energy (MeV)

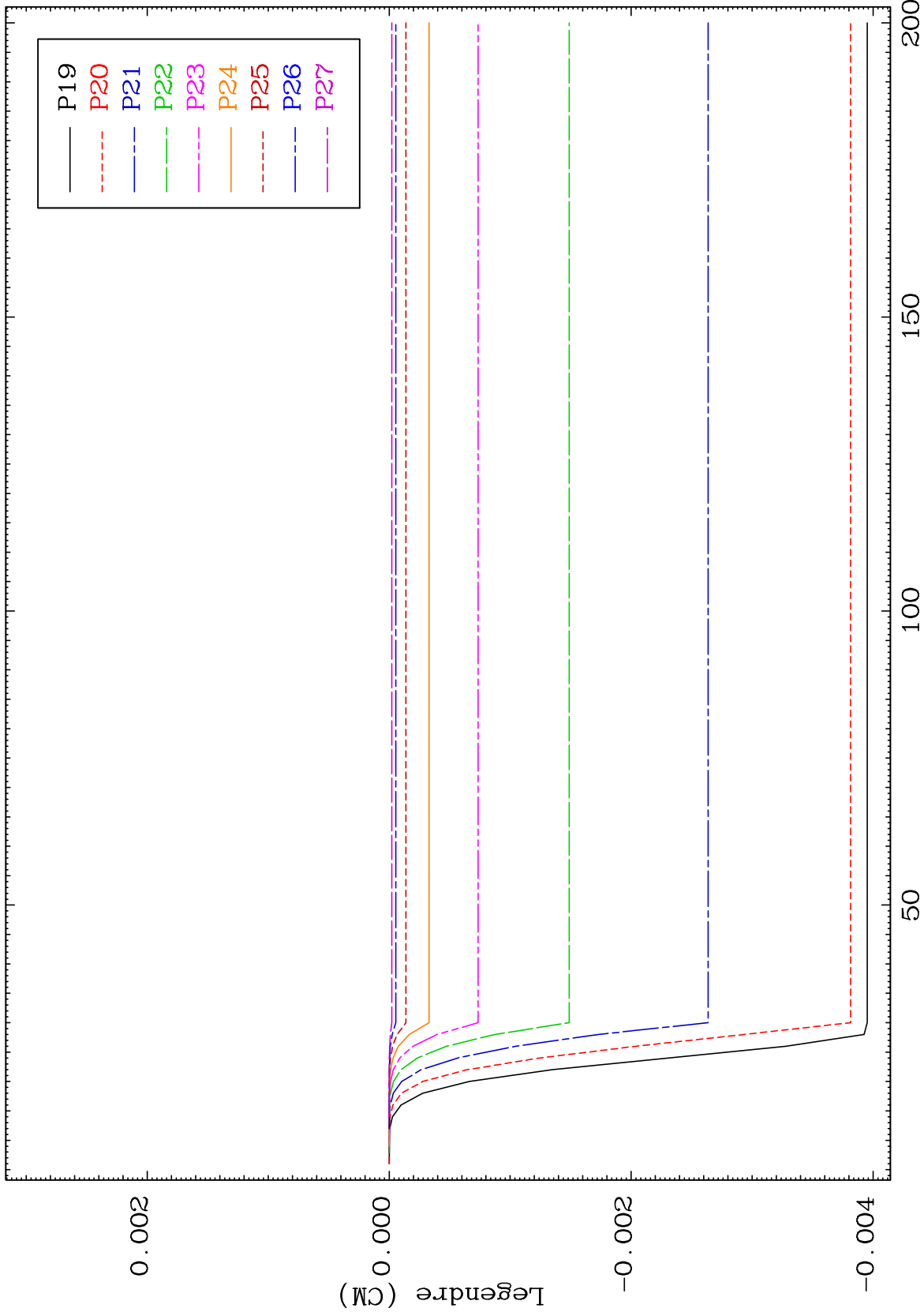
Legendre (CM)



MAT 6158

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

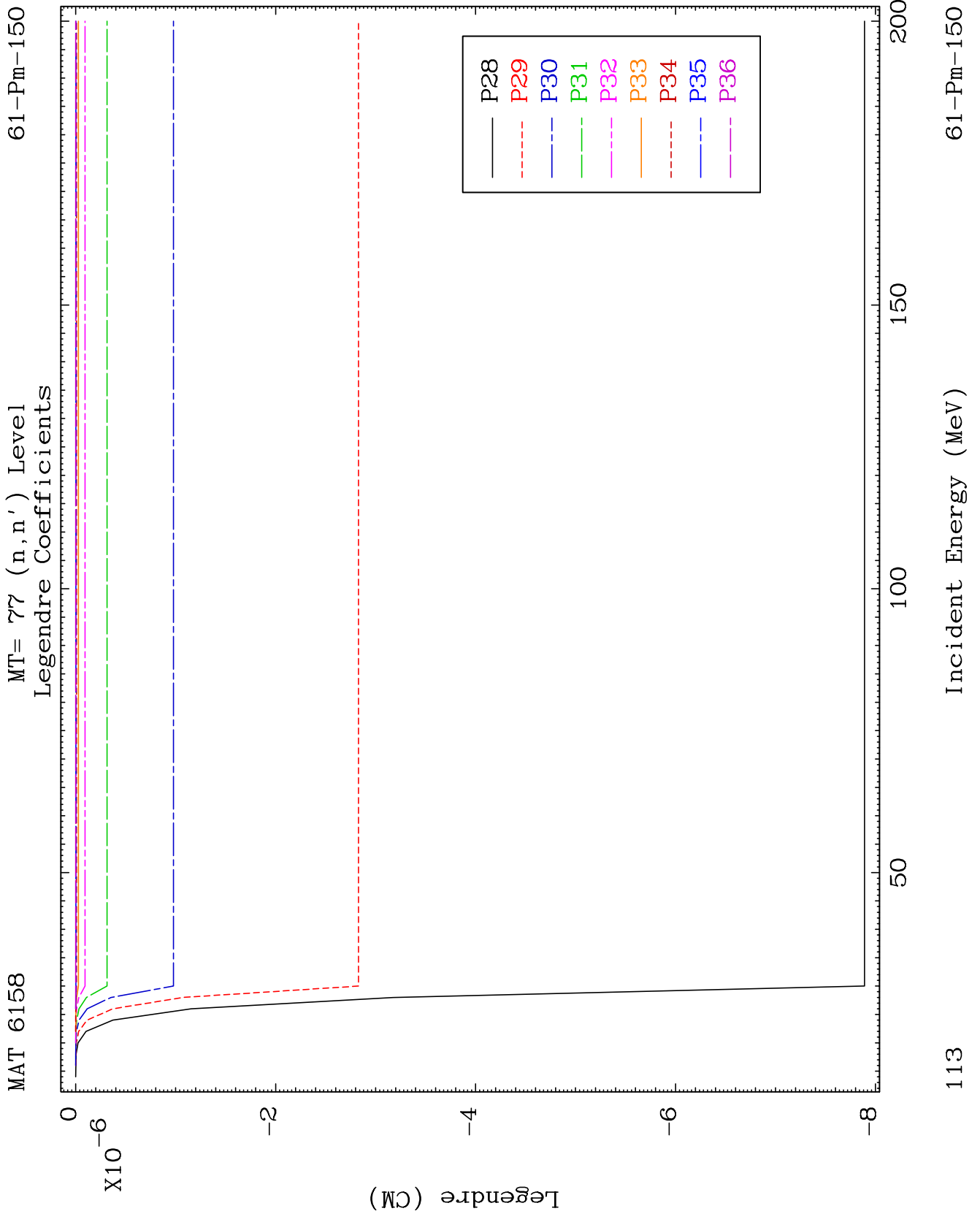
61-Pm-150



112

Incident Energy (MeV)

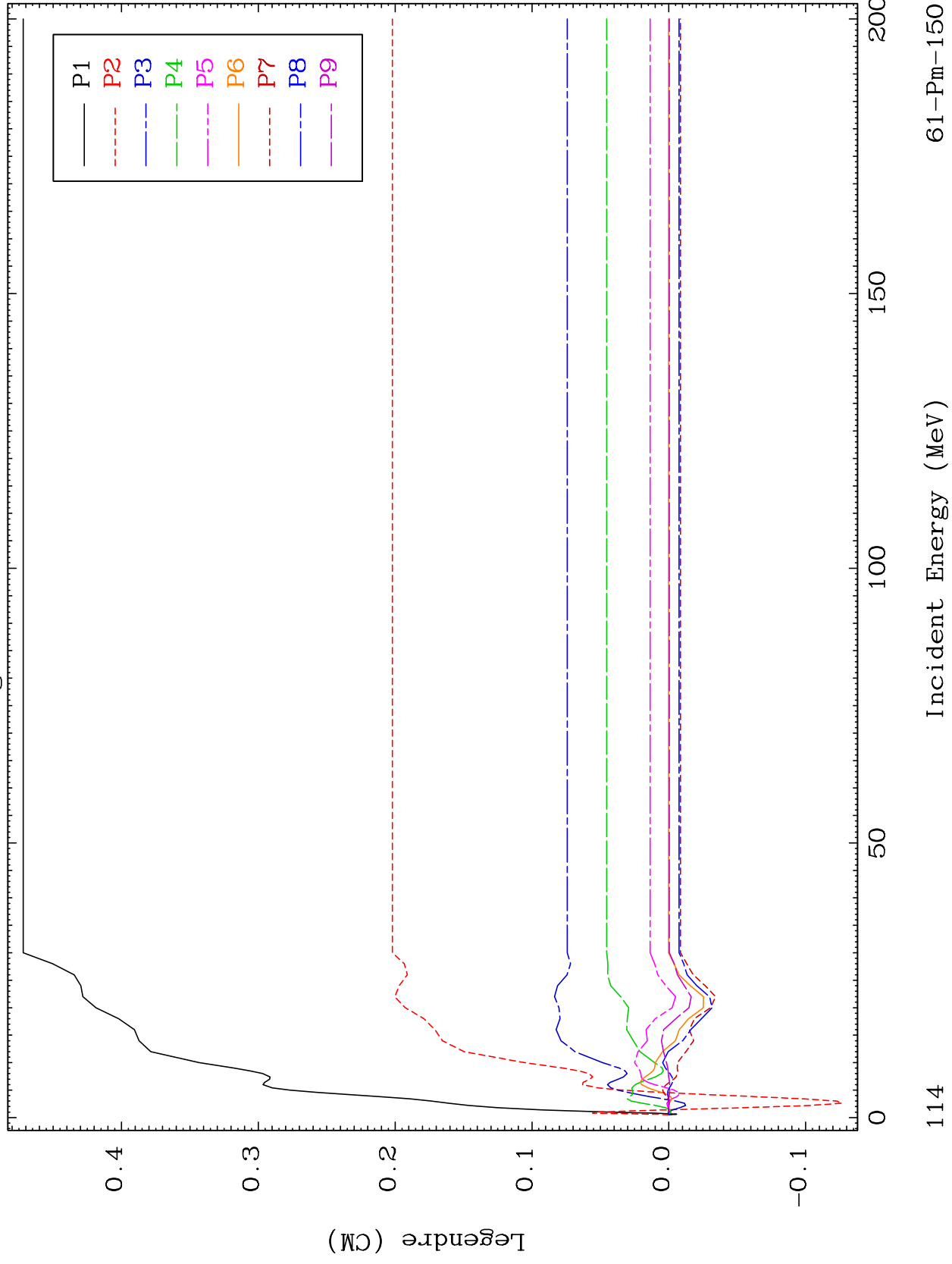
61-Pm-150



MAT 6158

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

61-Pm-150



61-Pm-150

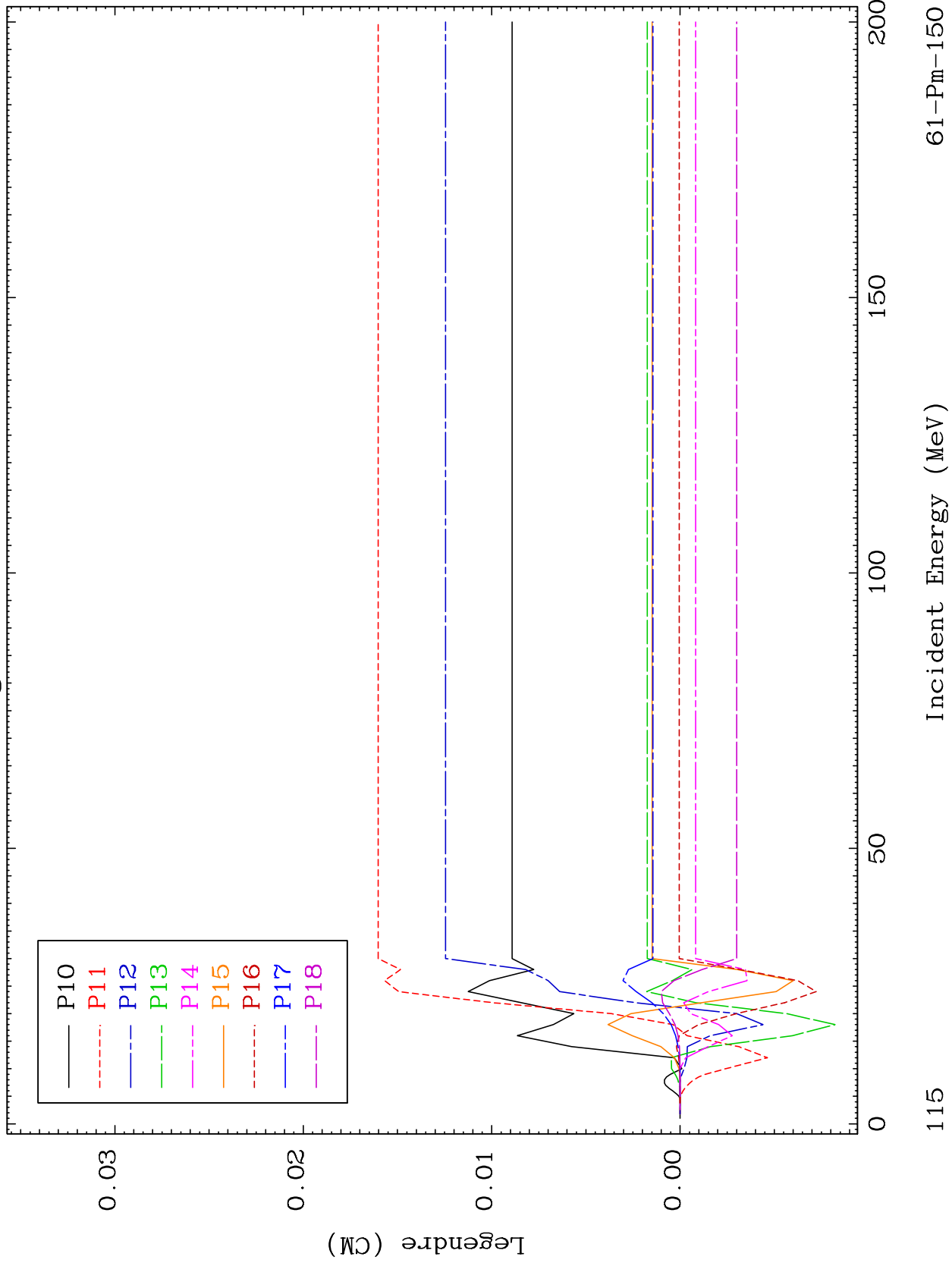
Incident Energy (MeV)

114

MAT 6158

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

61-Pm-150



61-Pm-150

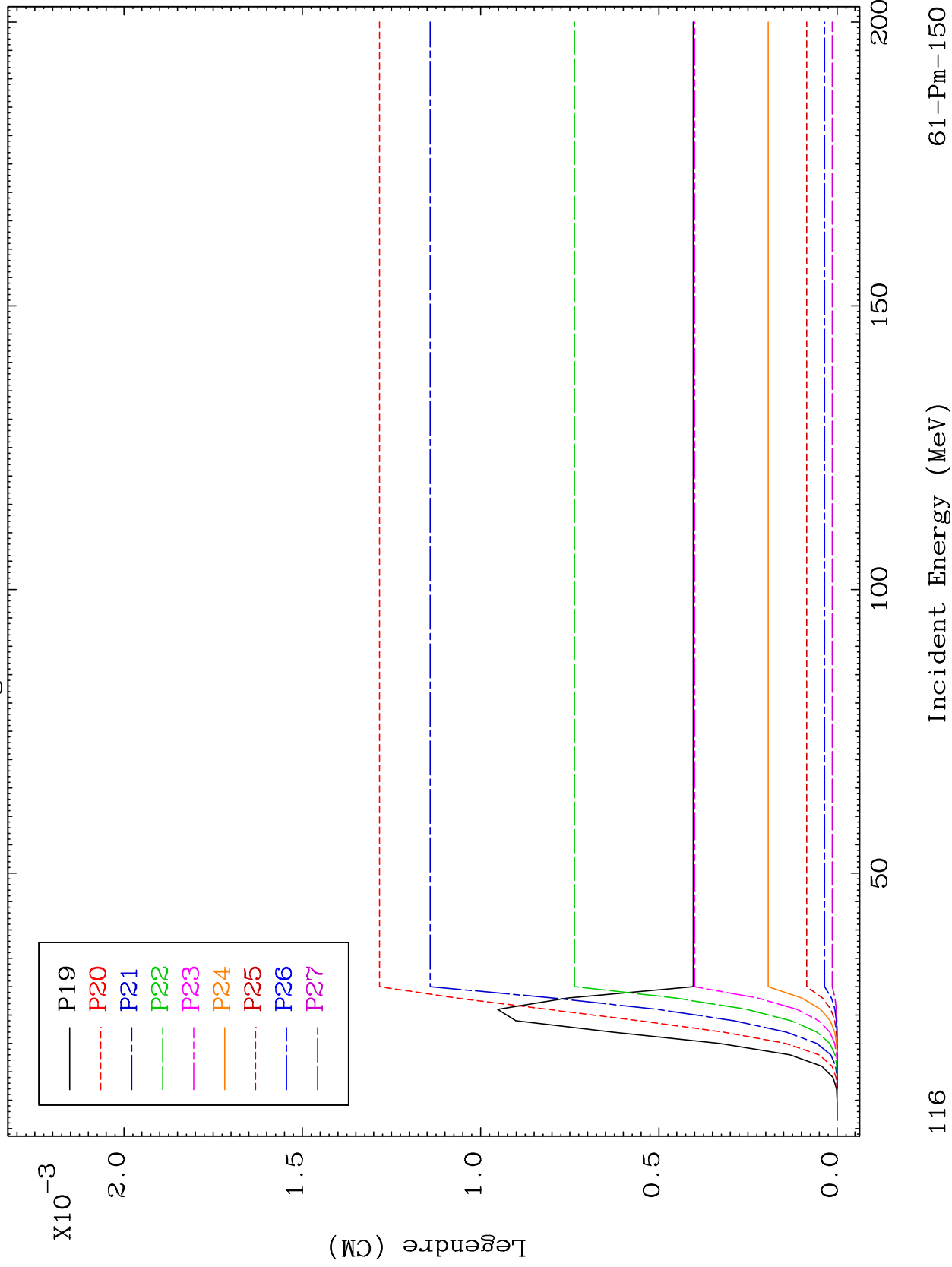
Incident Energy (MeV)

115

MAT 6158

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

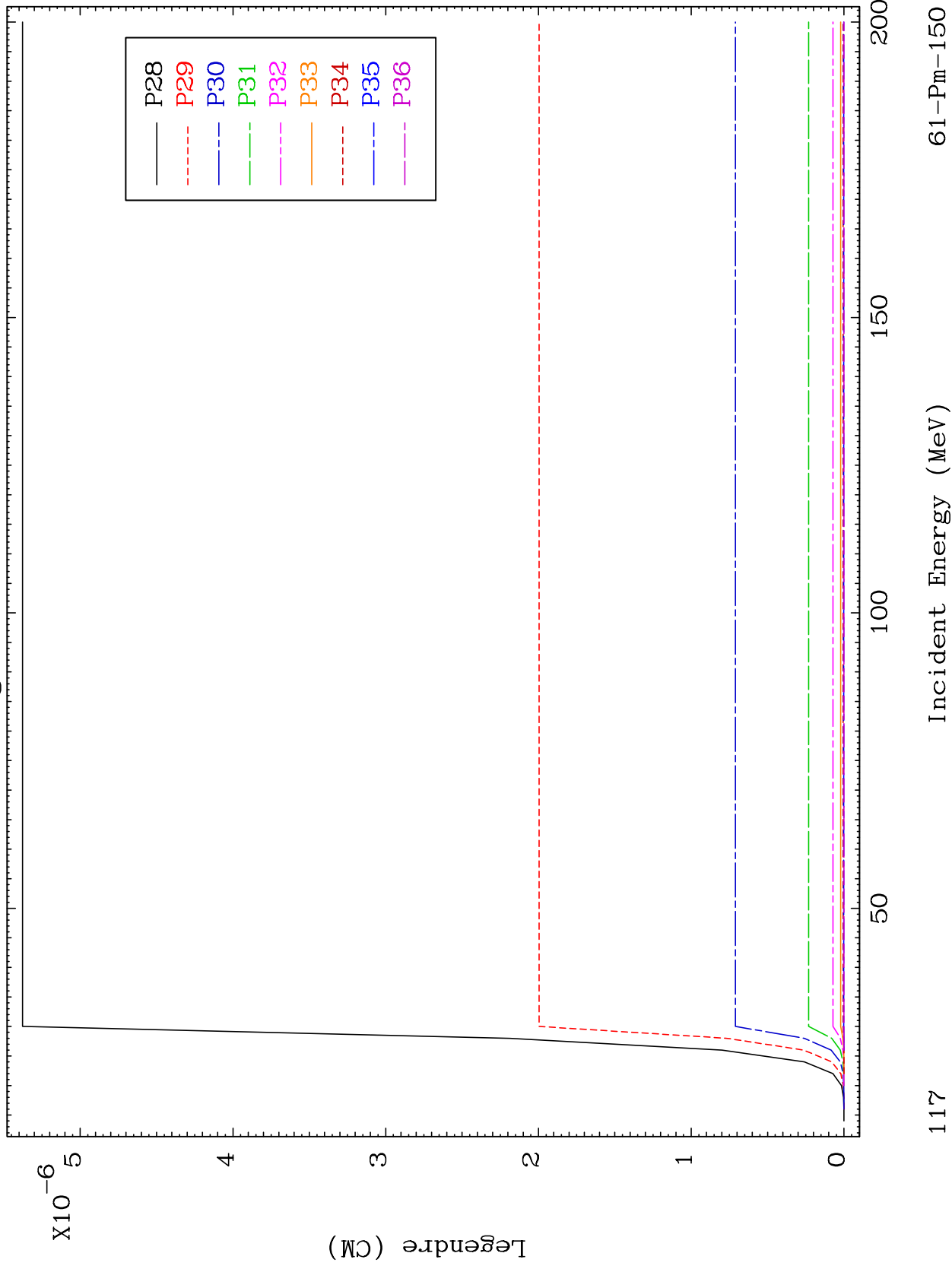
61-Pm-150



MAT 6158

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

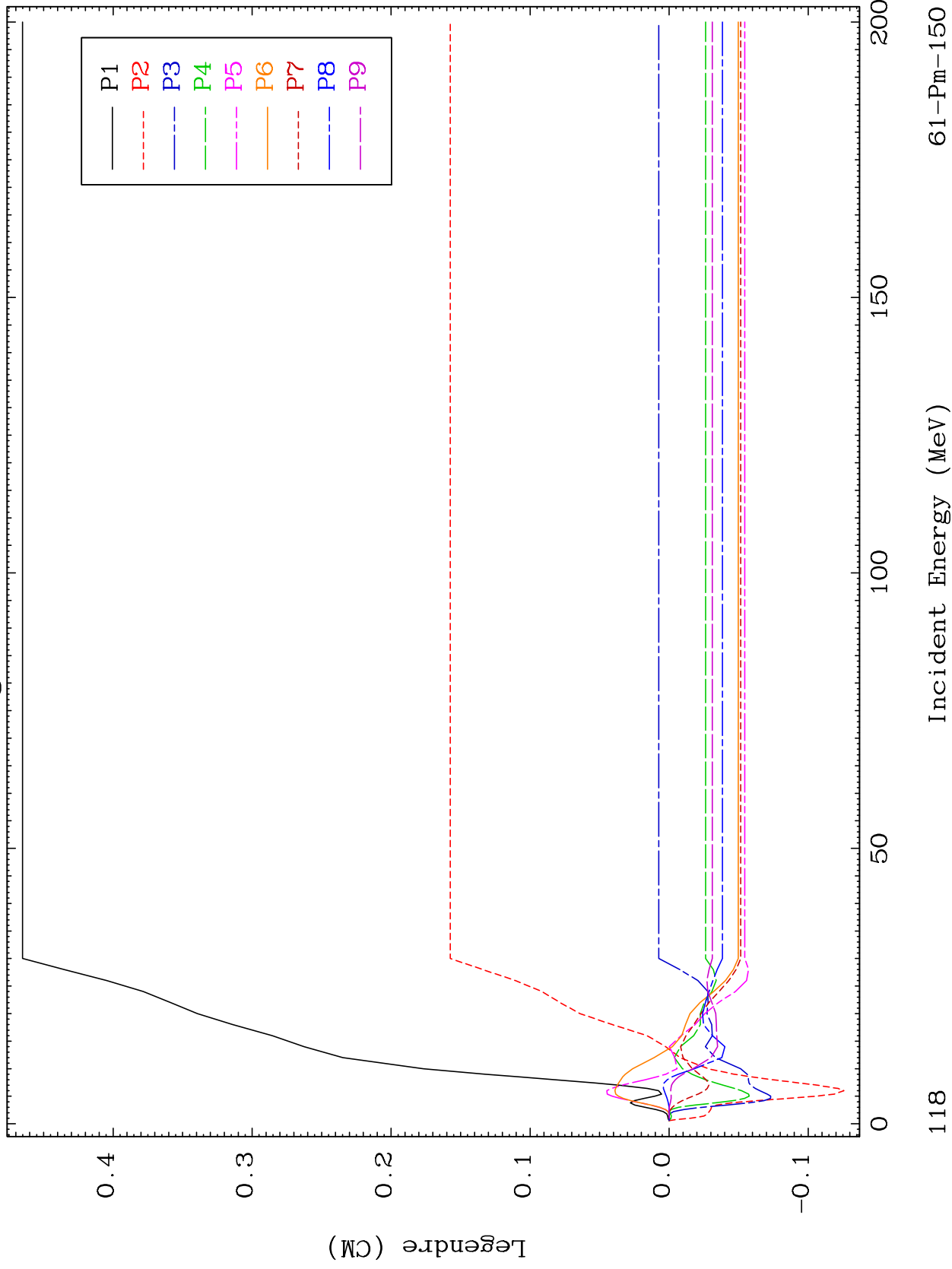
61-Pm-150



MAT 6158

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

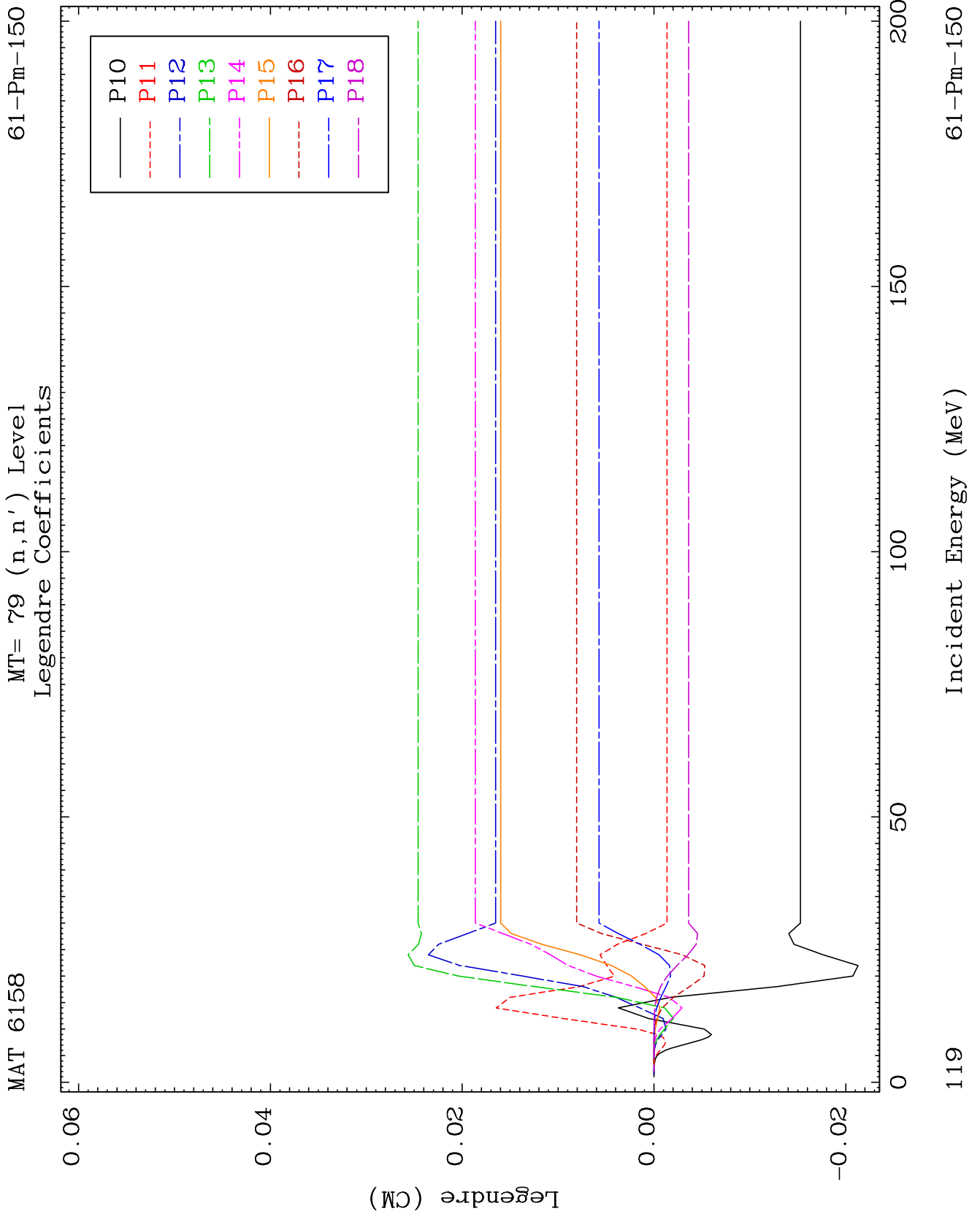
61-Pm-150



61-Pm-150

Incident Energy (MeV)

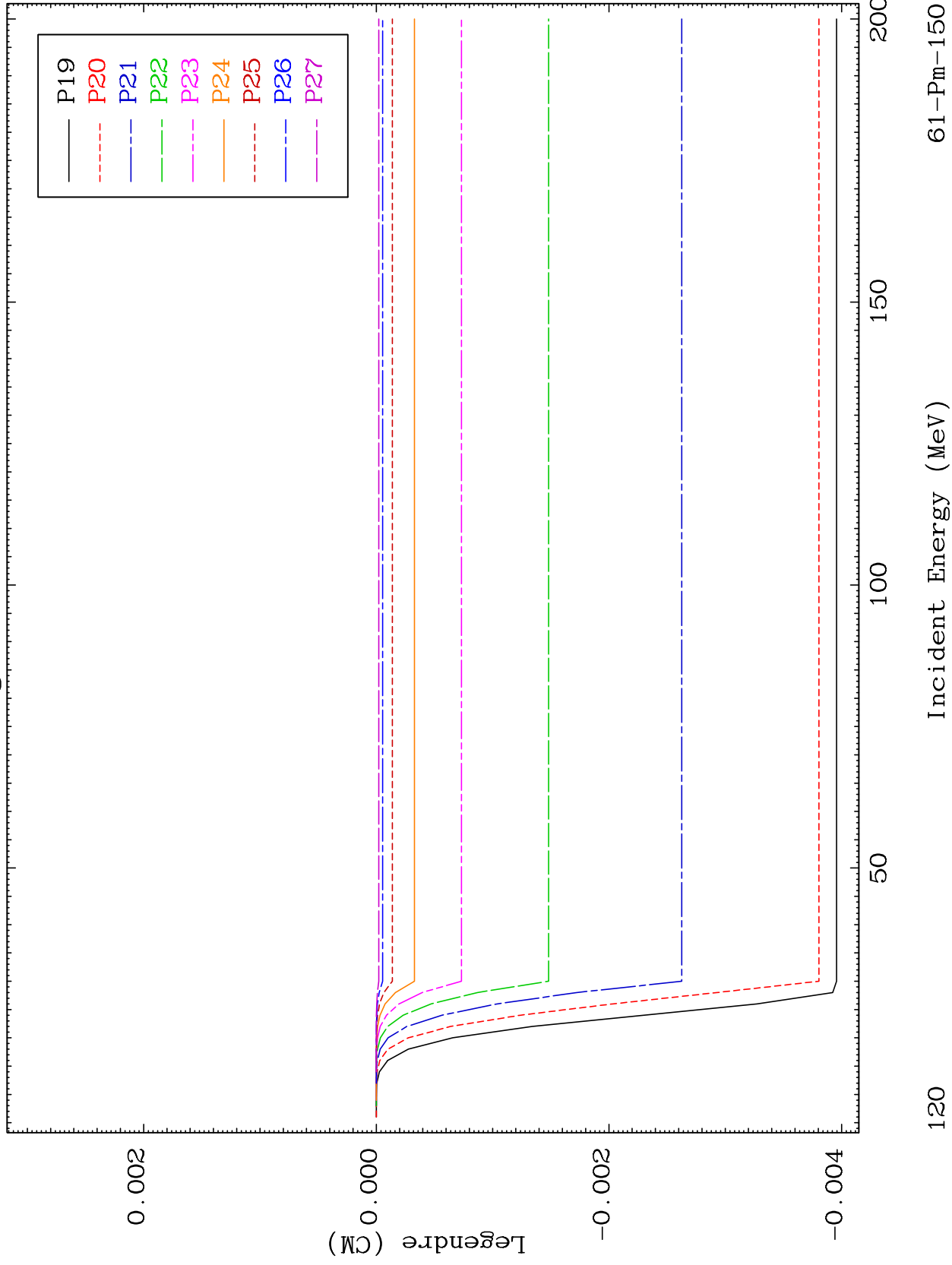
118



MAT 6158

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

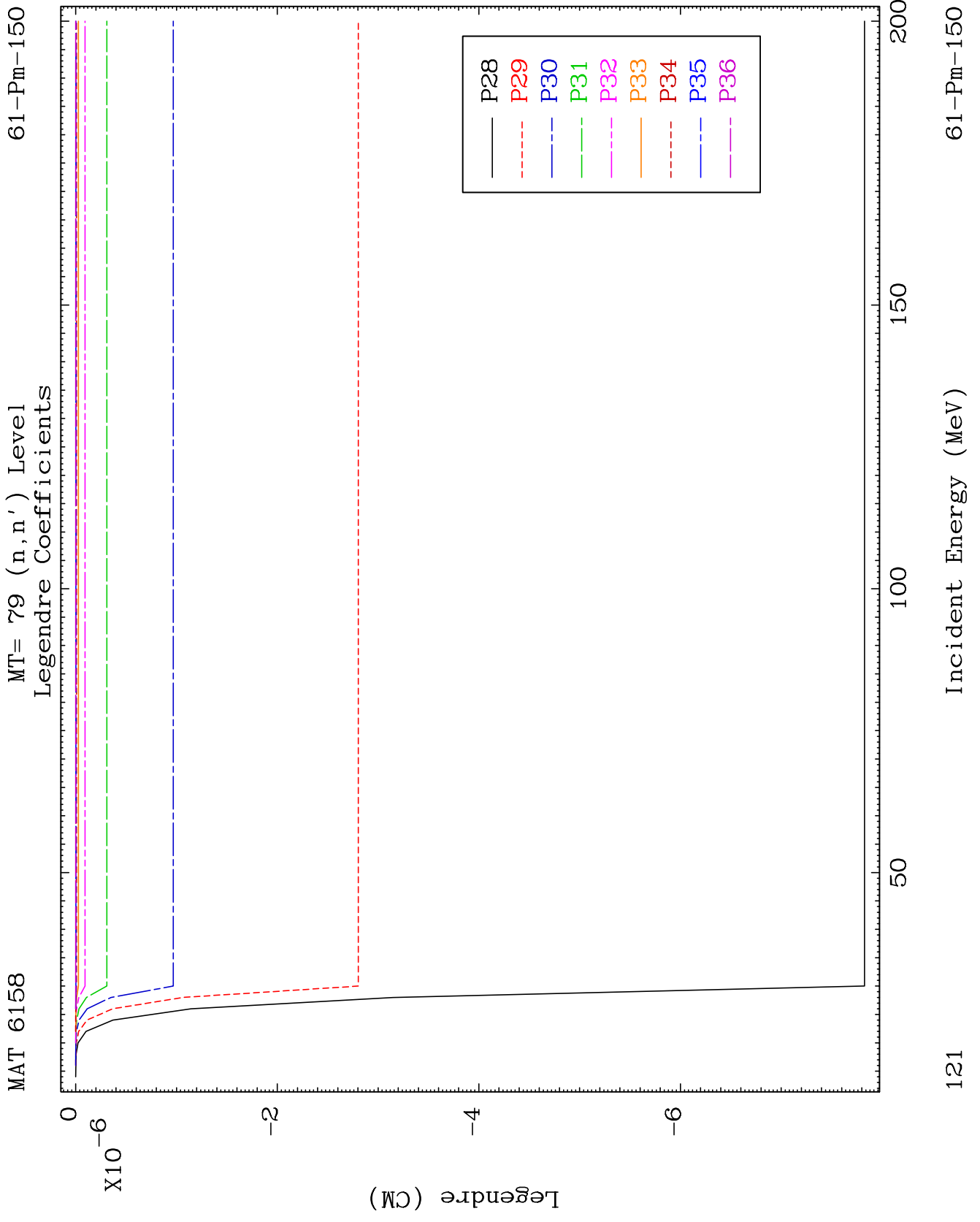
61-Pm-150



61-Pm-150

Incident Energy (MeV)

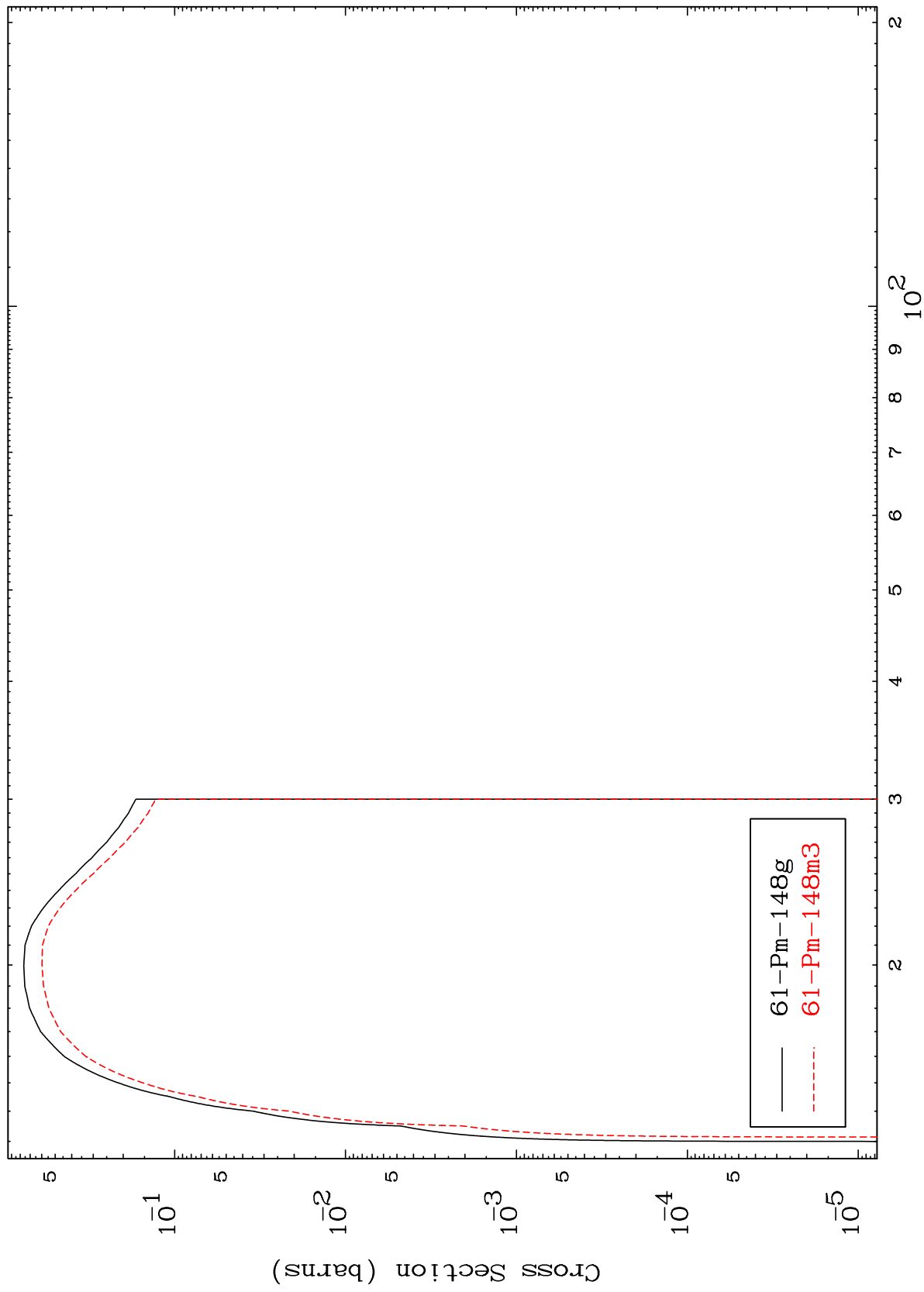
120



MAT 6158

61-Pm-150

(n,3n)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

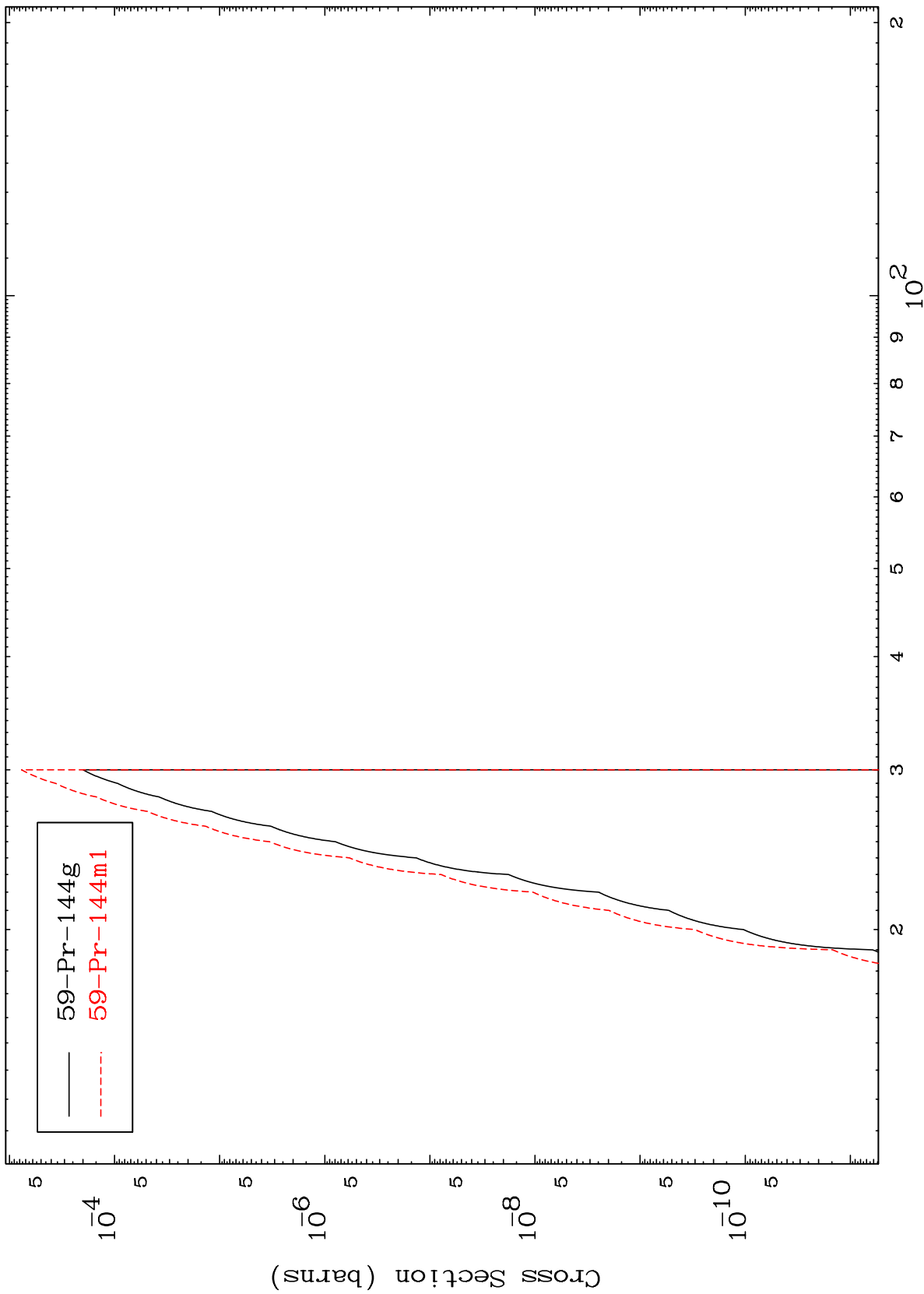
61-Pm-150

MAT 6158

(n,3n) α

61-Pm-150

Radionuclide Production Cross Section



123

Incident Energy (MeV)

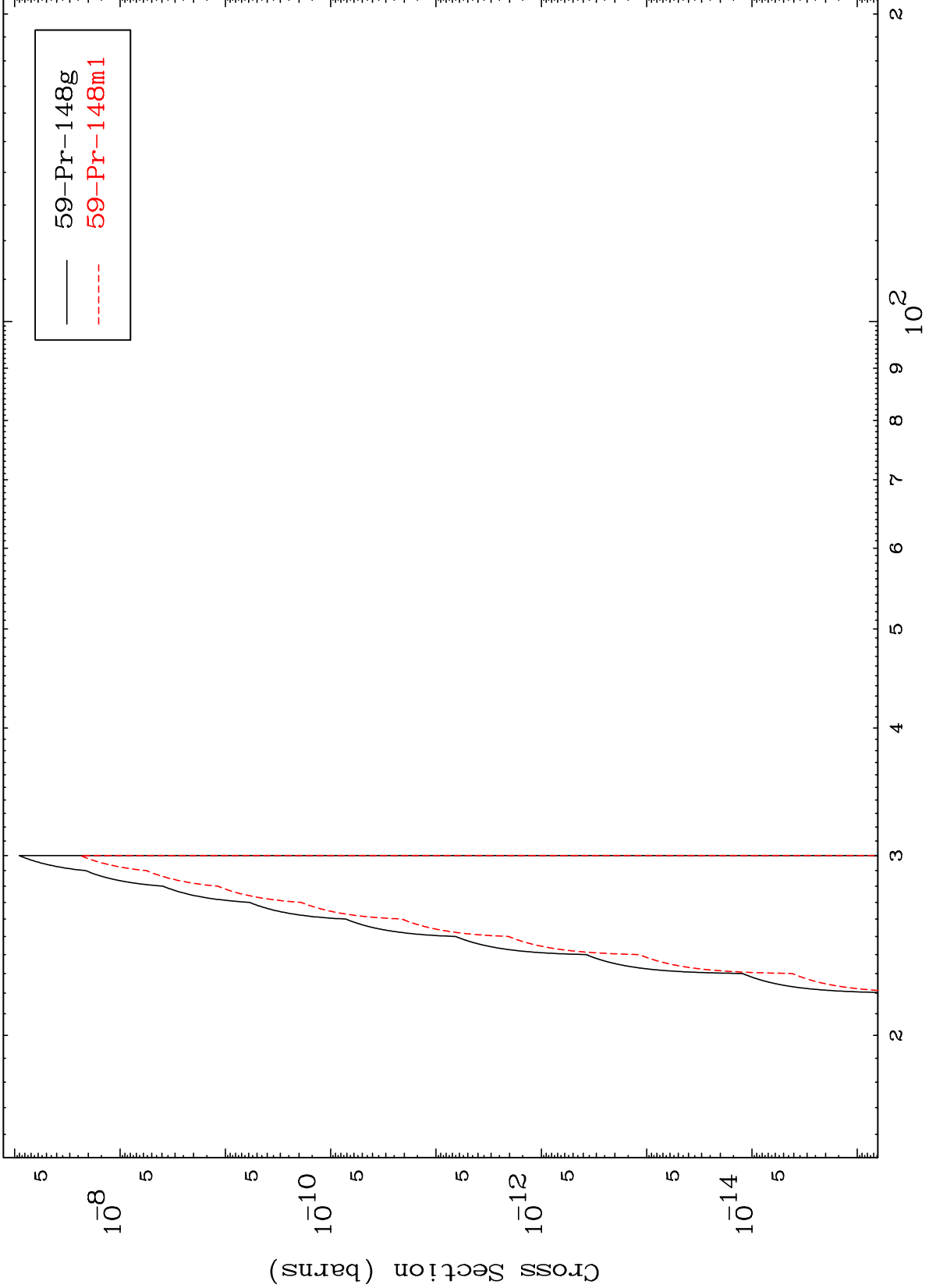
61-Pm-150

MAT 6158

(n,2n) p

61-Pm-150

Radionuclide Production Cross Section



124

Incident Energy (MeV)

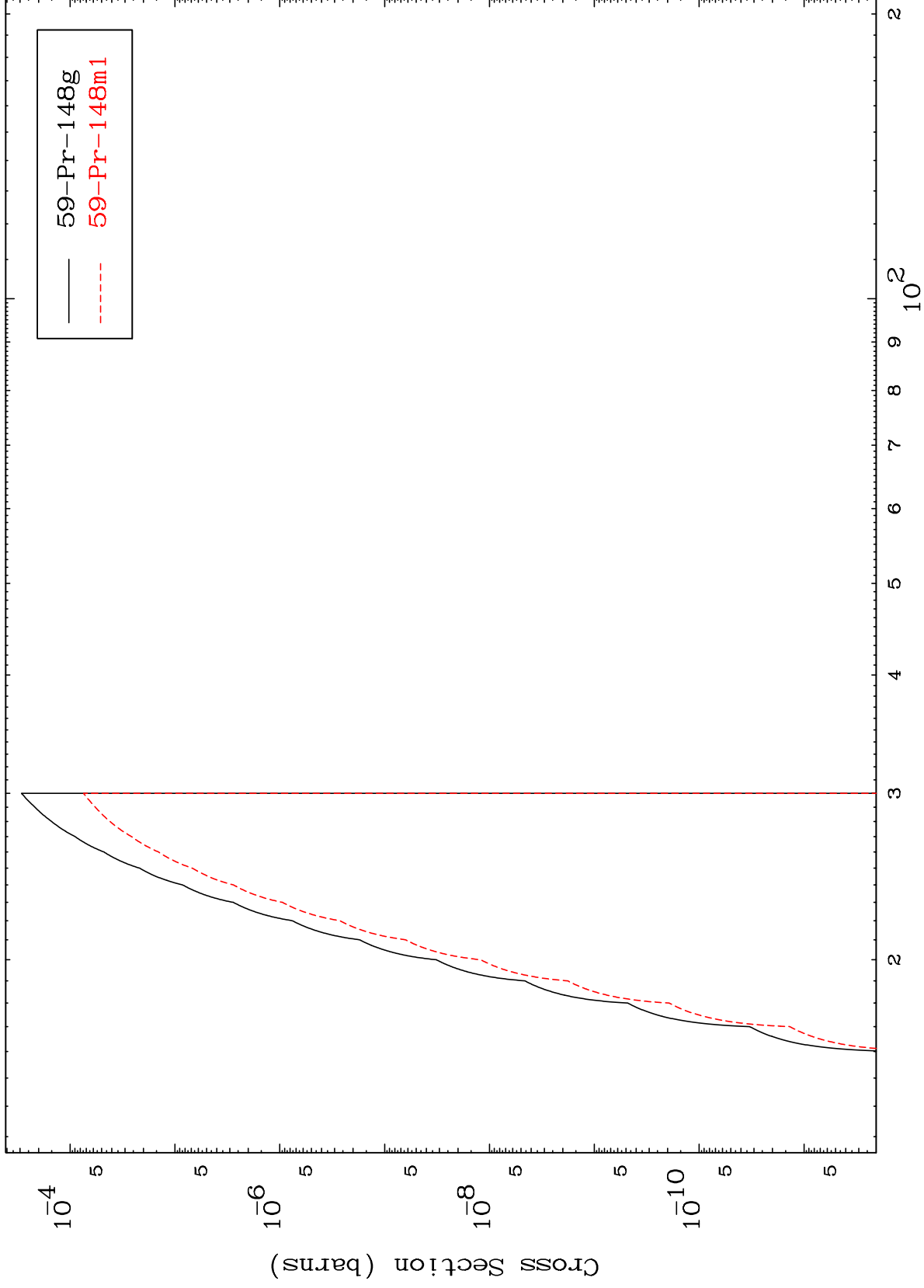
61-Pm-150

MAT 6158

(n,He-3)

61-Pm-150

Radionuclide Production Cross Section



125

Incident Energy (MeV)

61-Pm-150