

Program EVALPLOT
(Version 2021-1)

by

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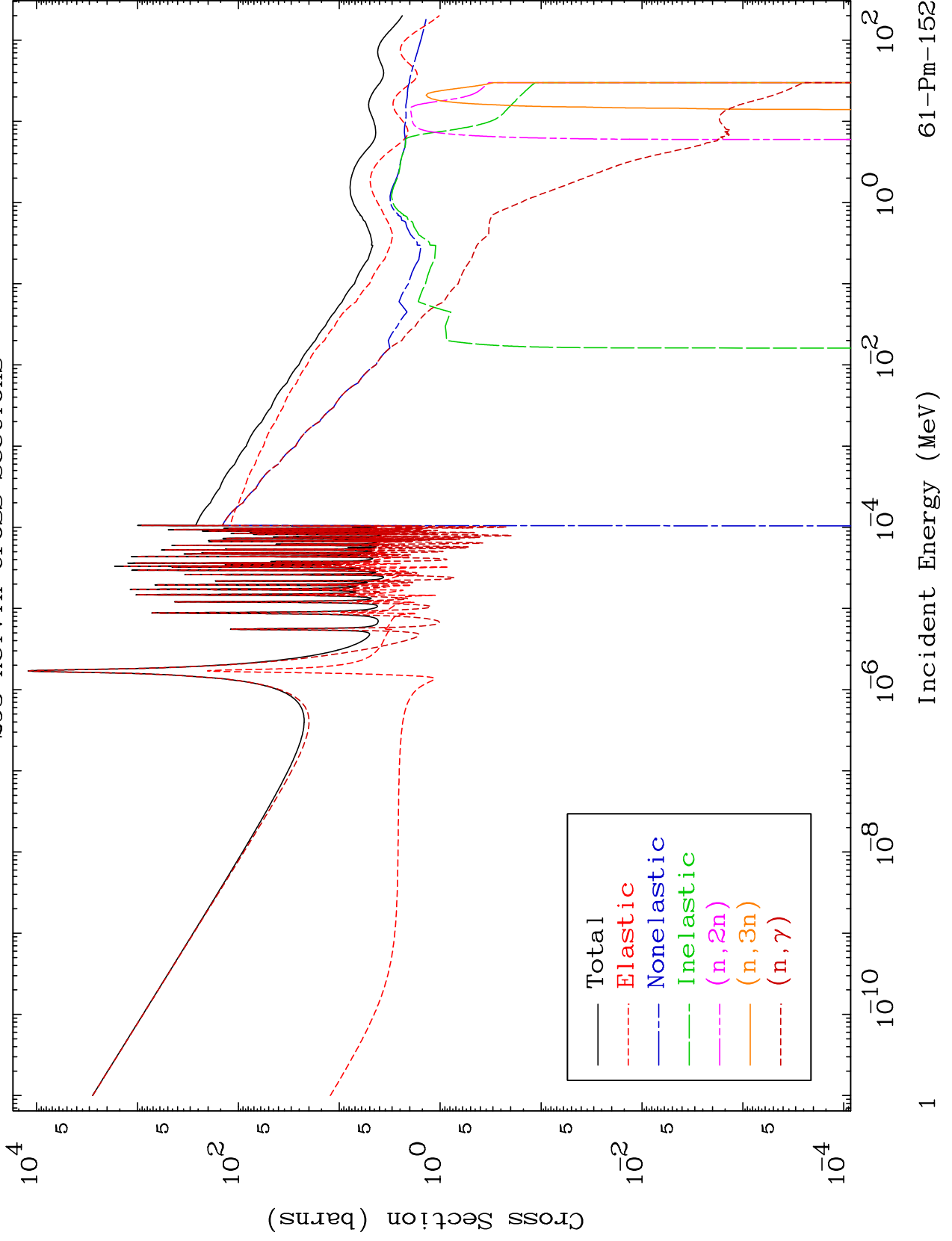
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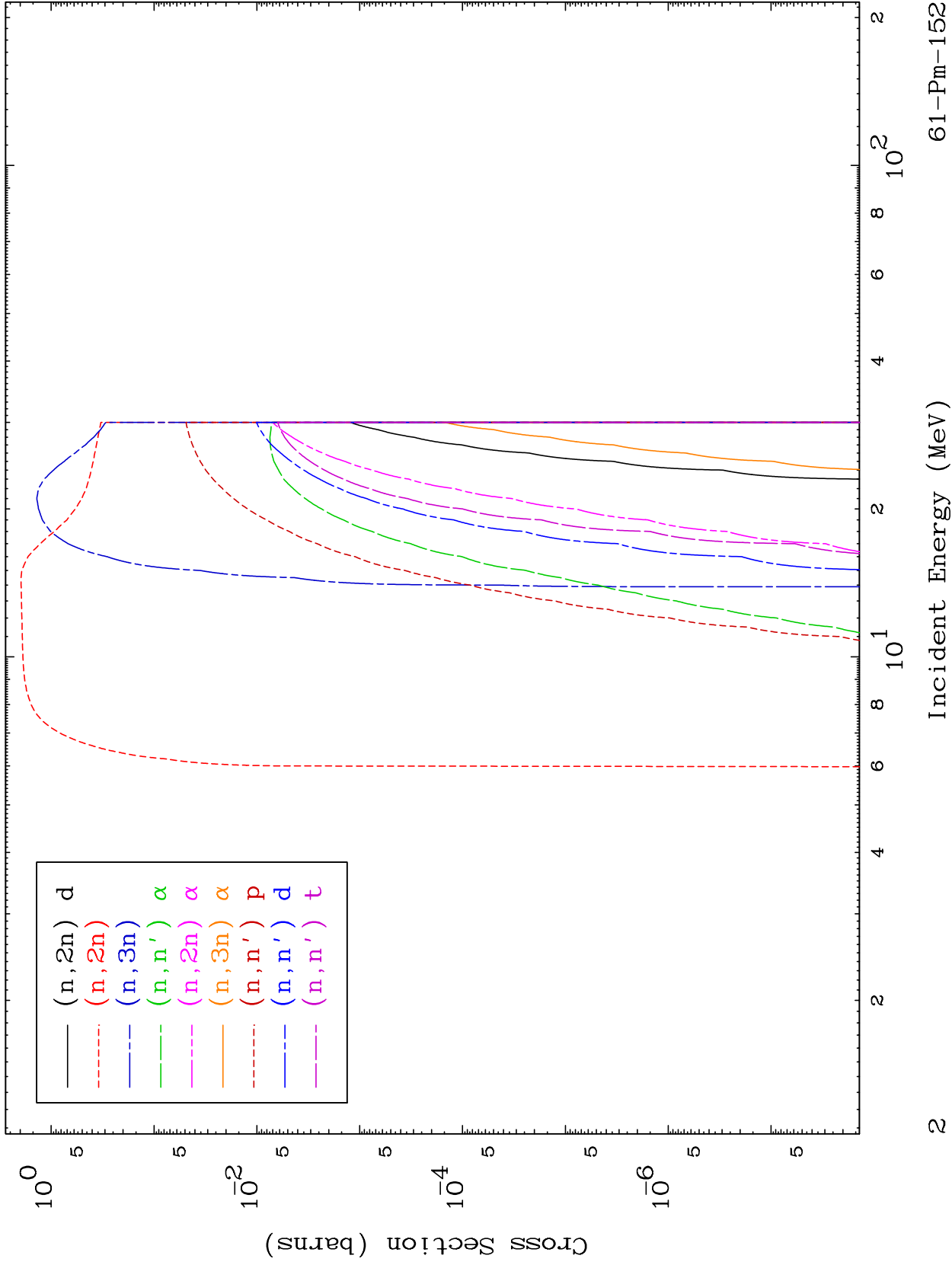
Press Mouse Button to Start

MAT 6164

Neutron Major
293 Kelvin Cross Sections

61-Pm-152

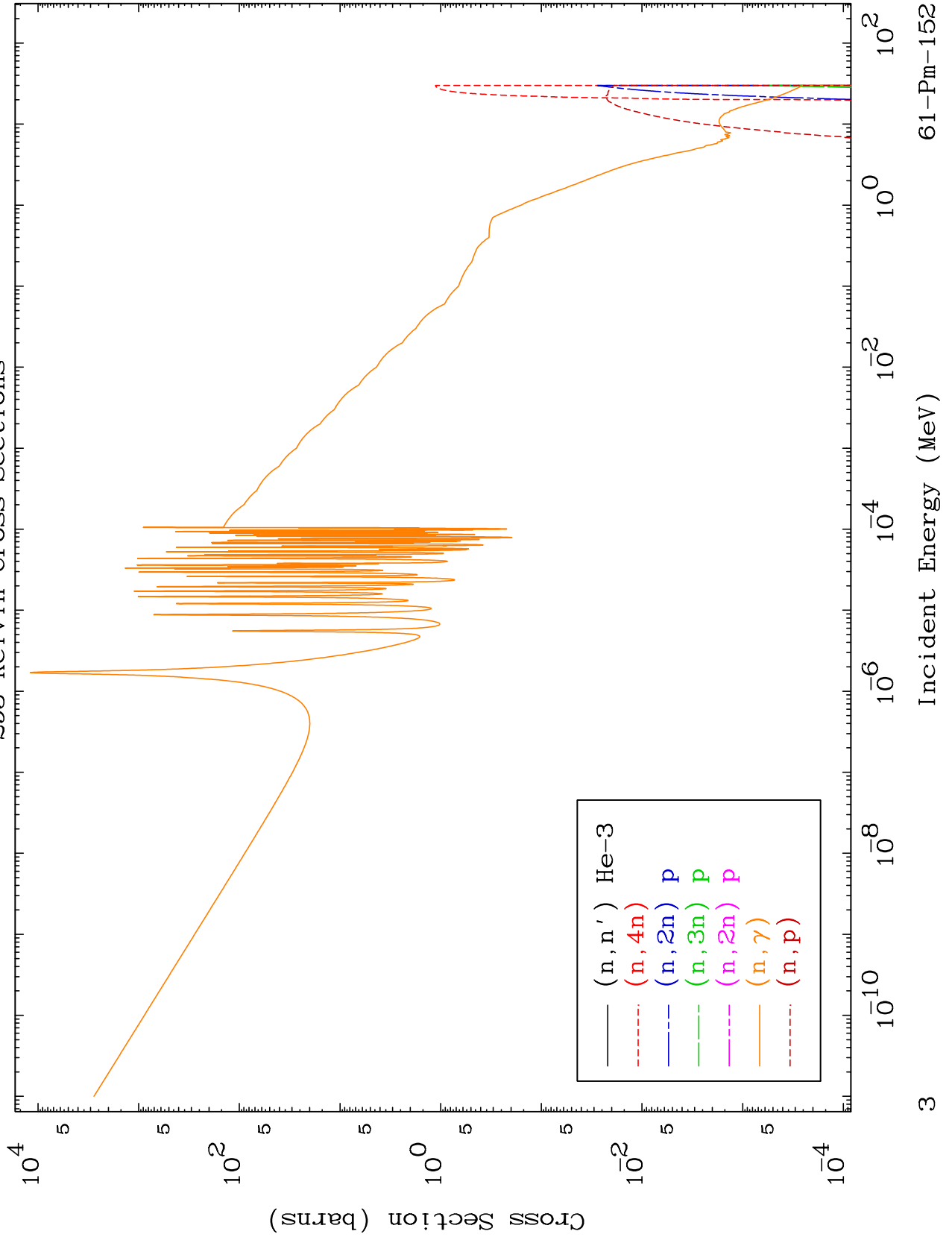




MAT 6164

Neutron Absorption
293 Kelvin Cross Sections

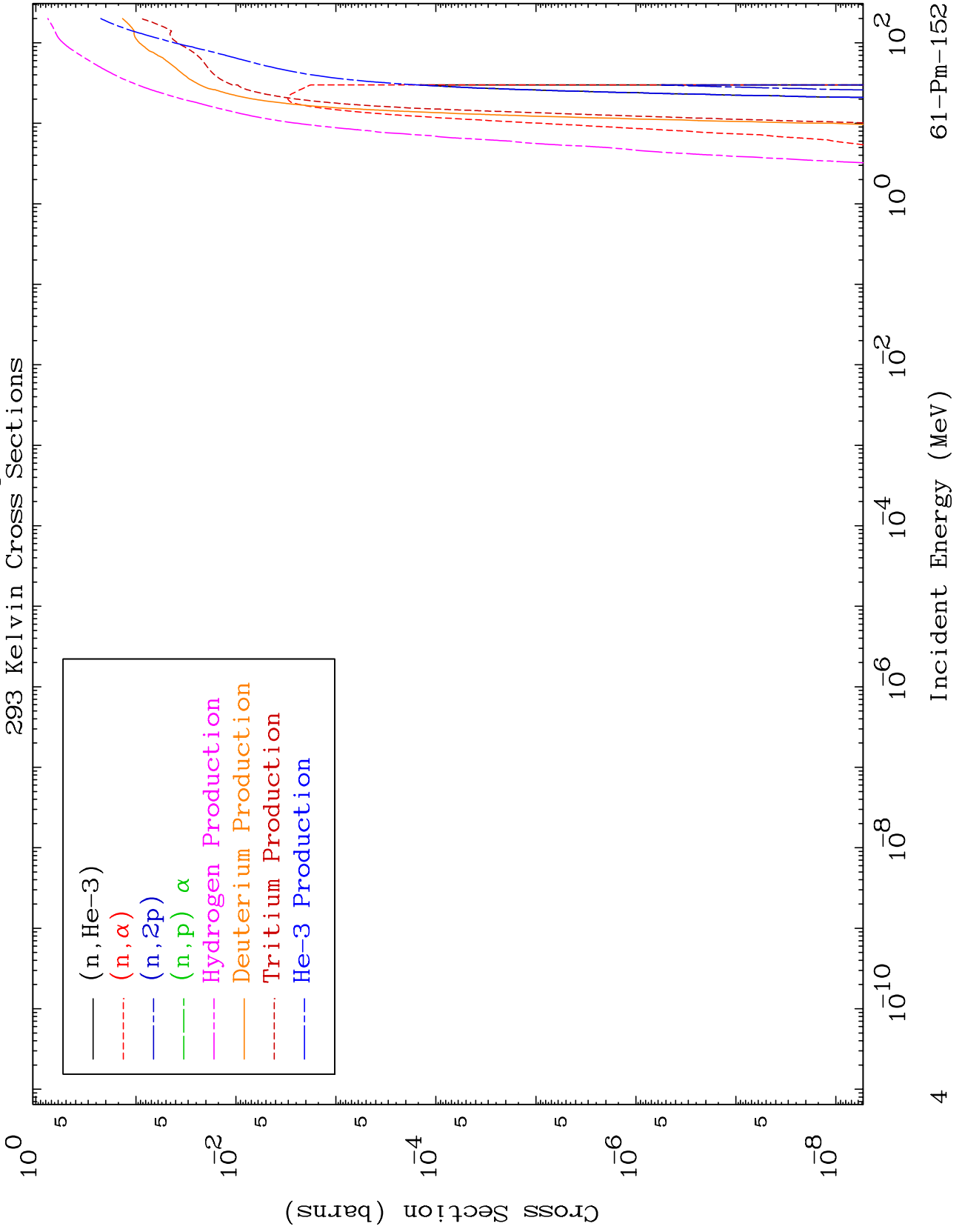
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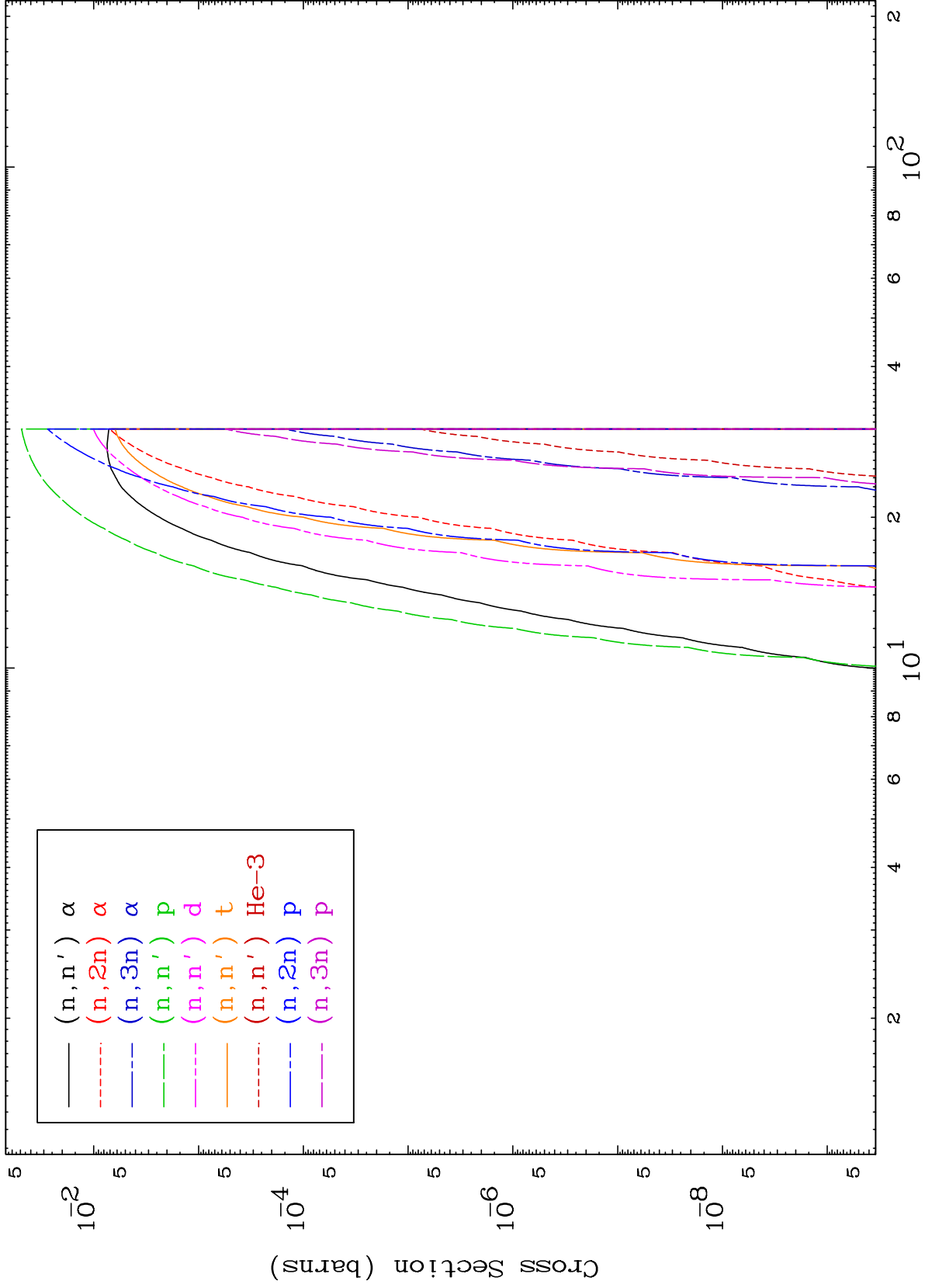


MAT 6164

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-152

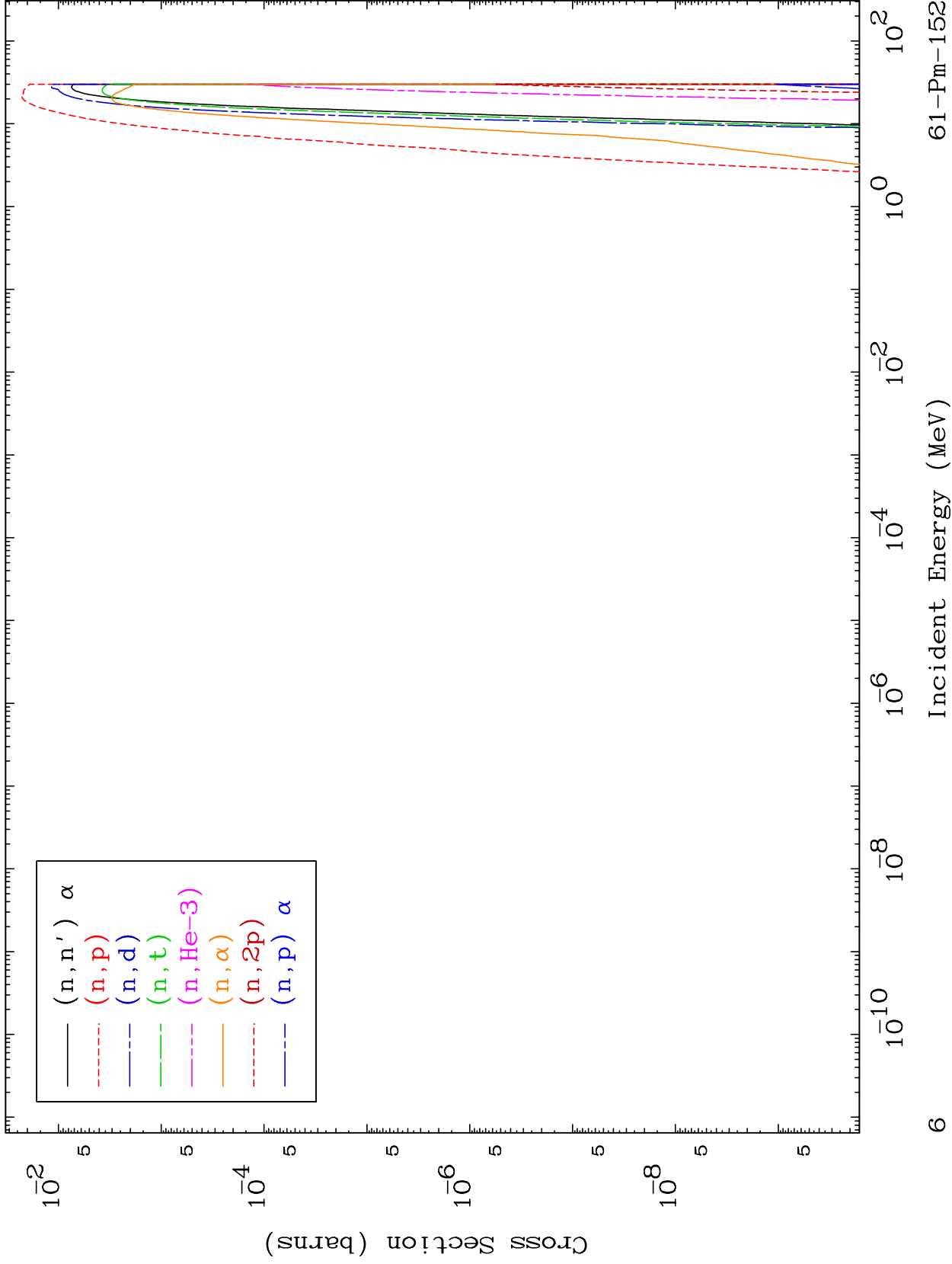




MAT 6164

Charged Particle
293 Kelvin Cross Sections

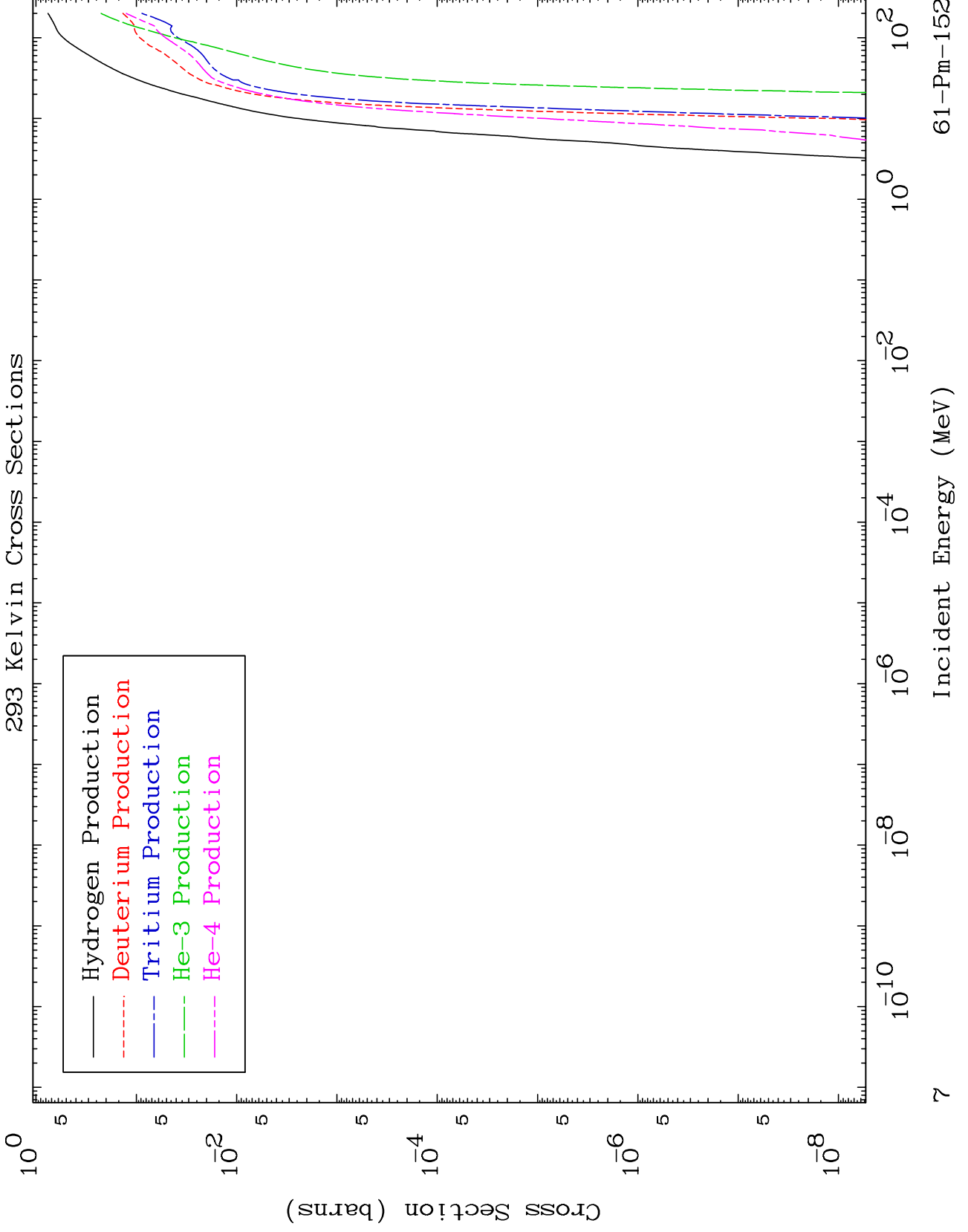
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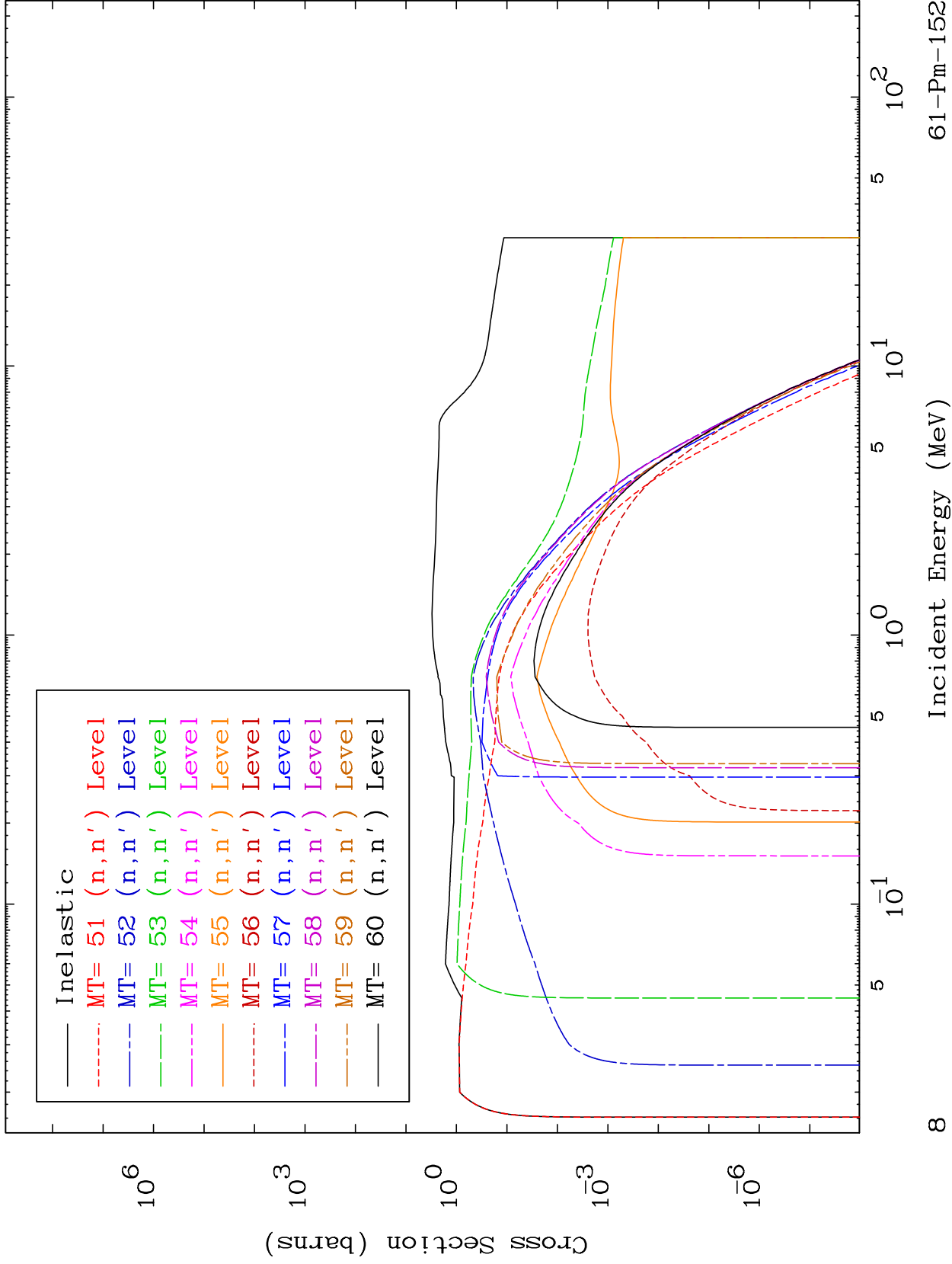


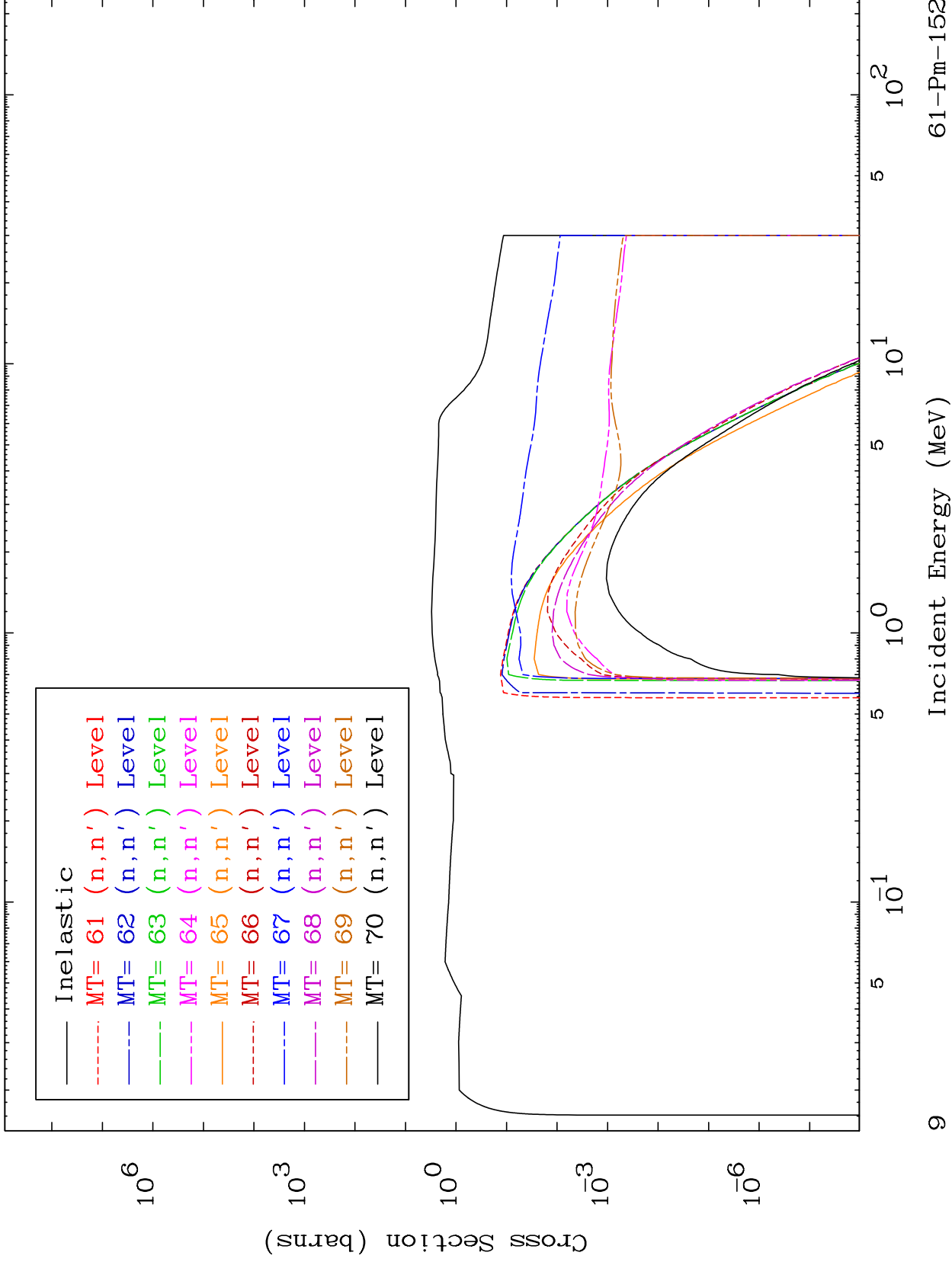
MAT 6164

Particle Production
293 Kelvin Cross Sections

61-Pm-152



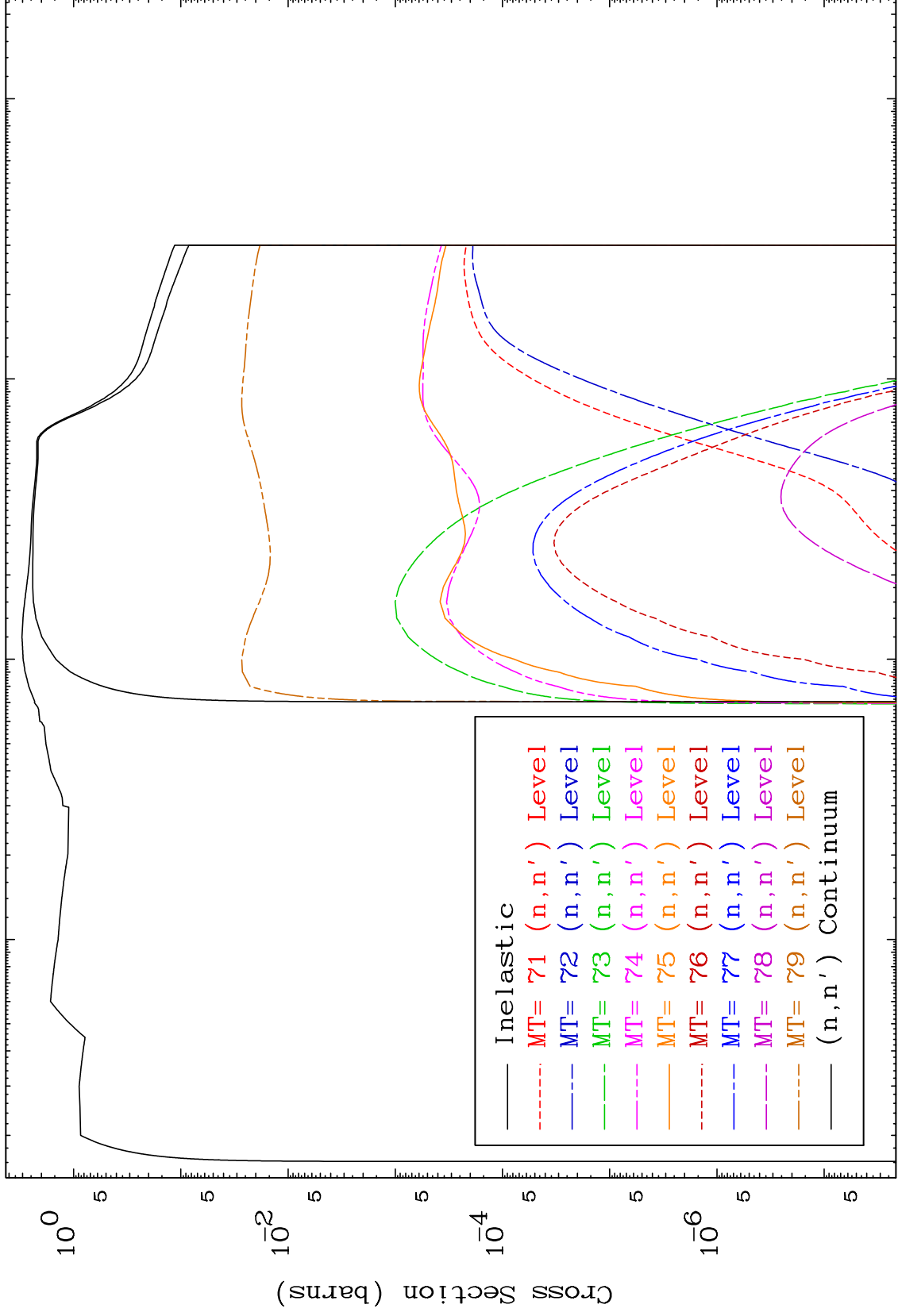




MAT 6164

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-152



10

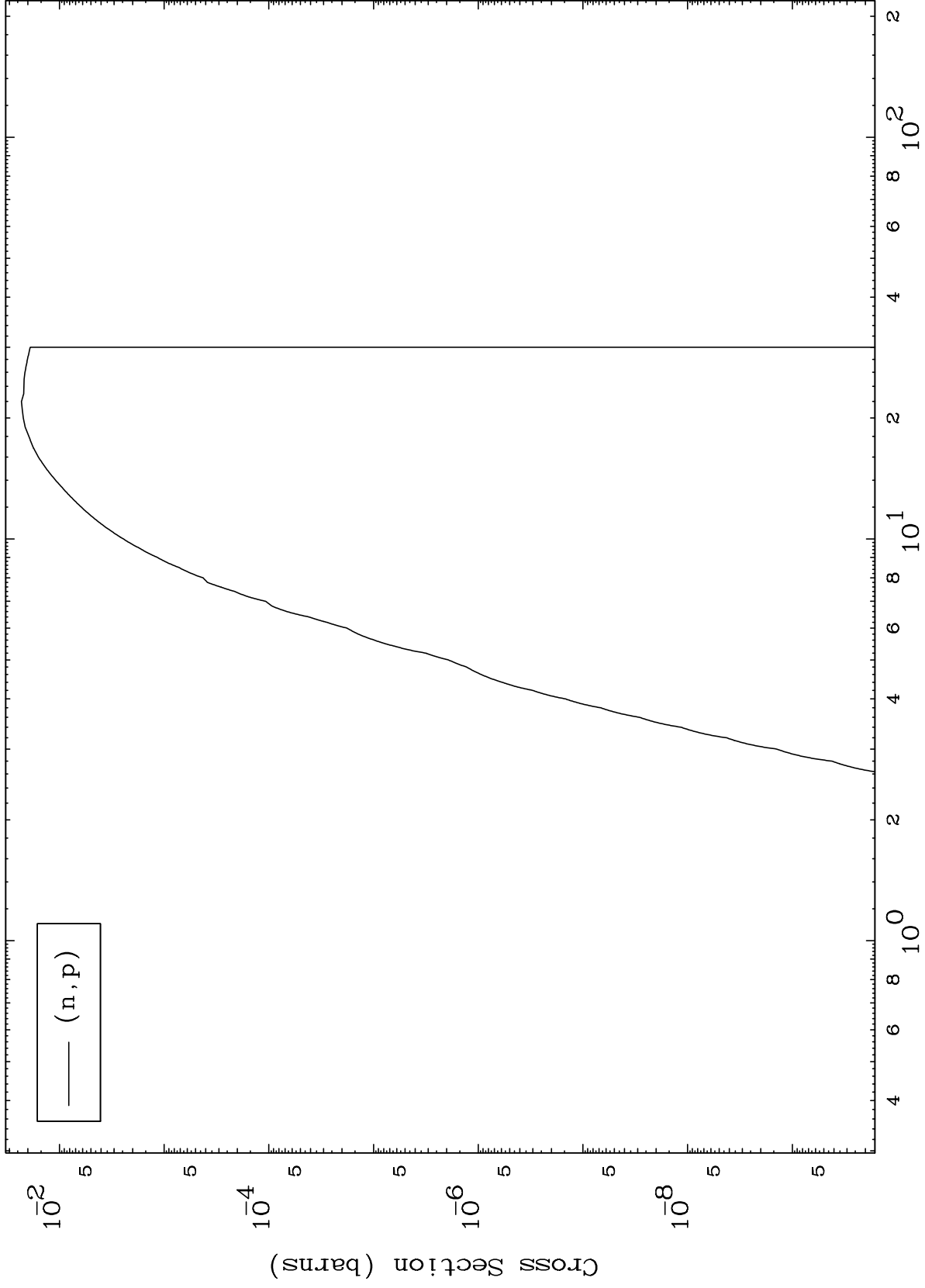
Incident Energy (MeV)

61-Pm-152

MAT 6164

(n,p) Levels
293 Kelvin Cross Sections

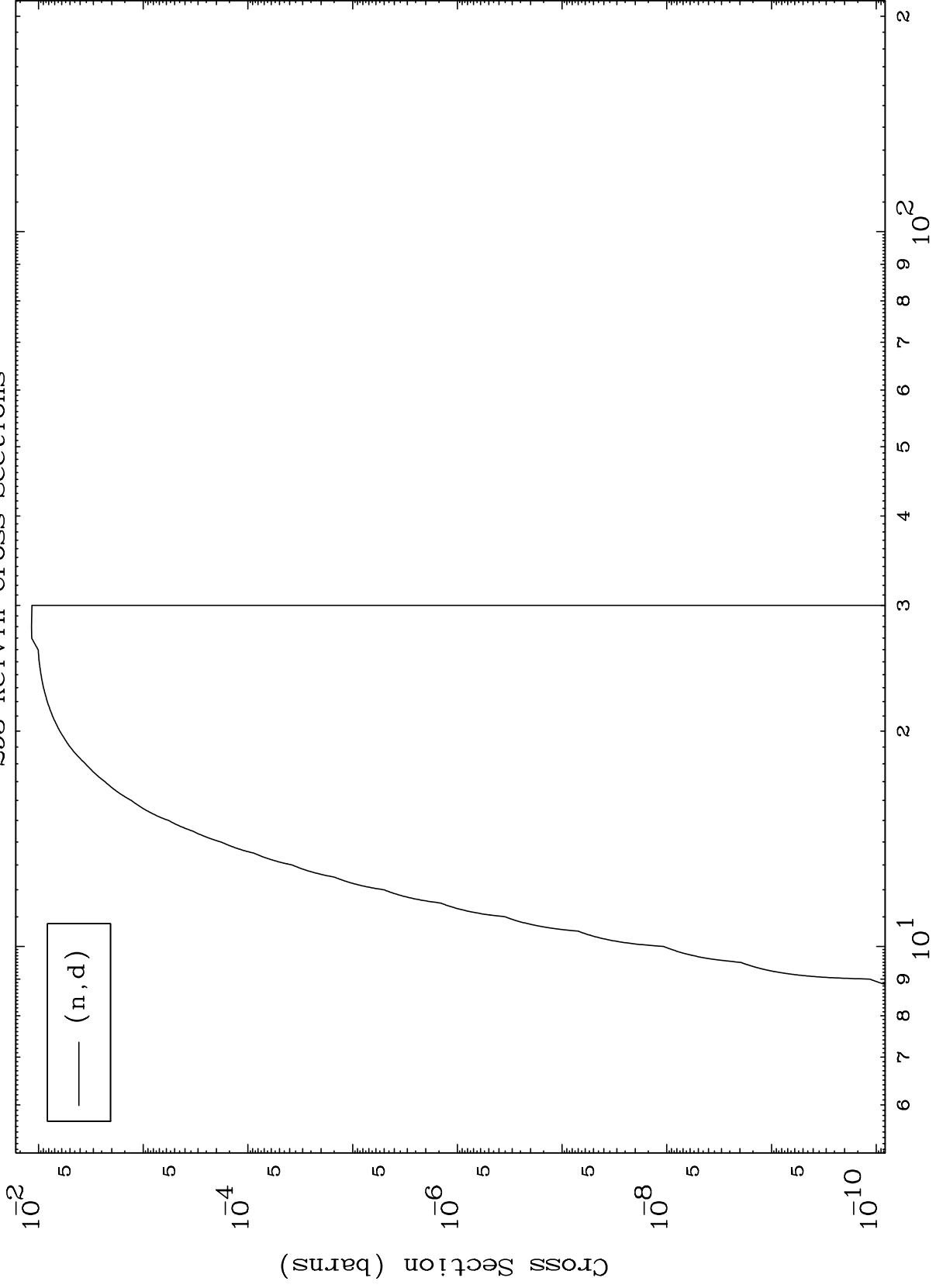
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MAT 6164

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-152



12

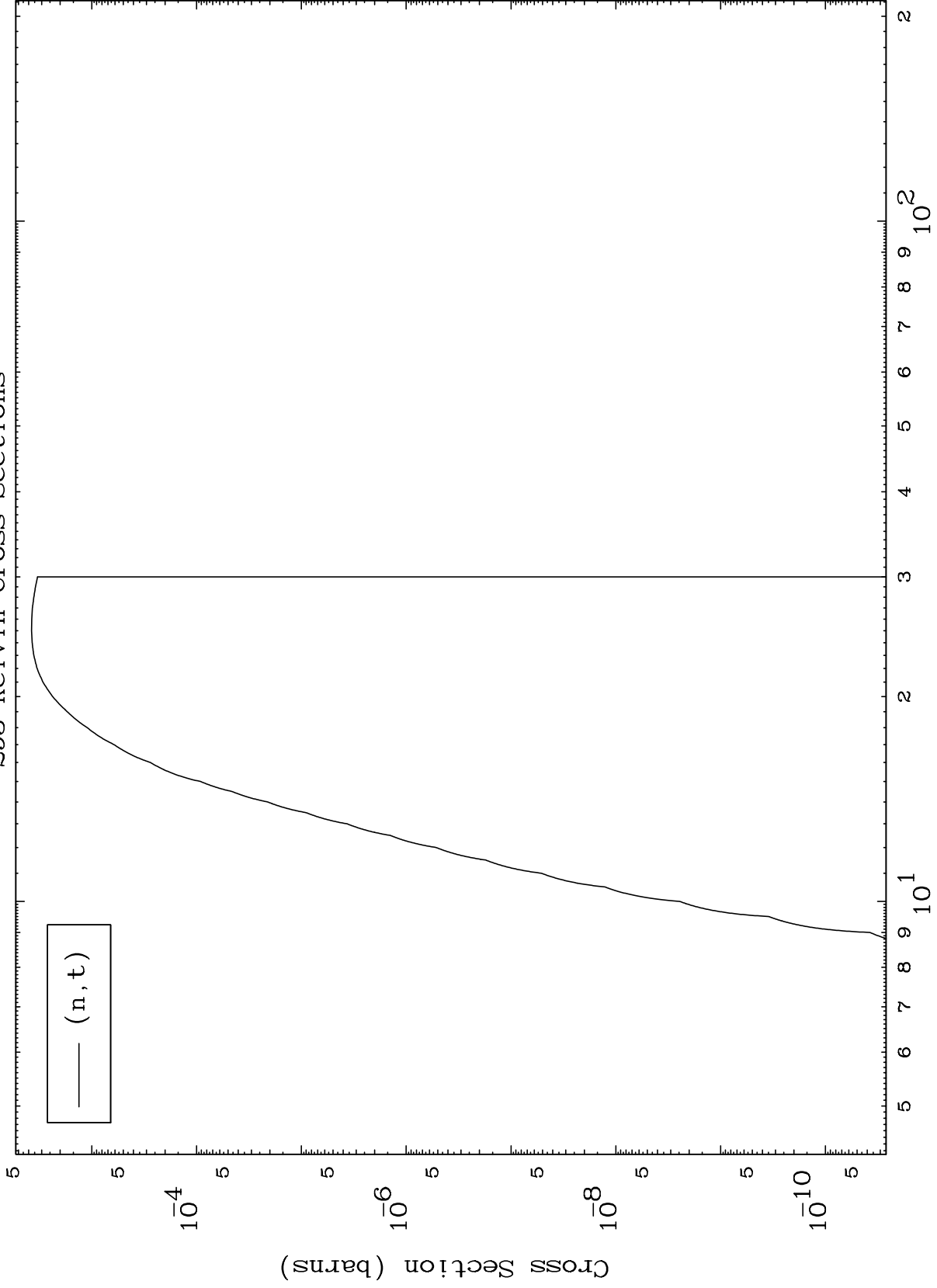
Incident Energy (MeV)

61-Pm-152

MAT 6164

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-152



13

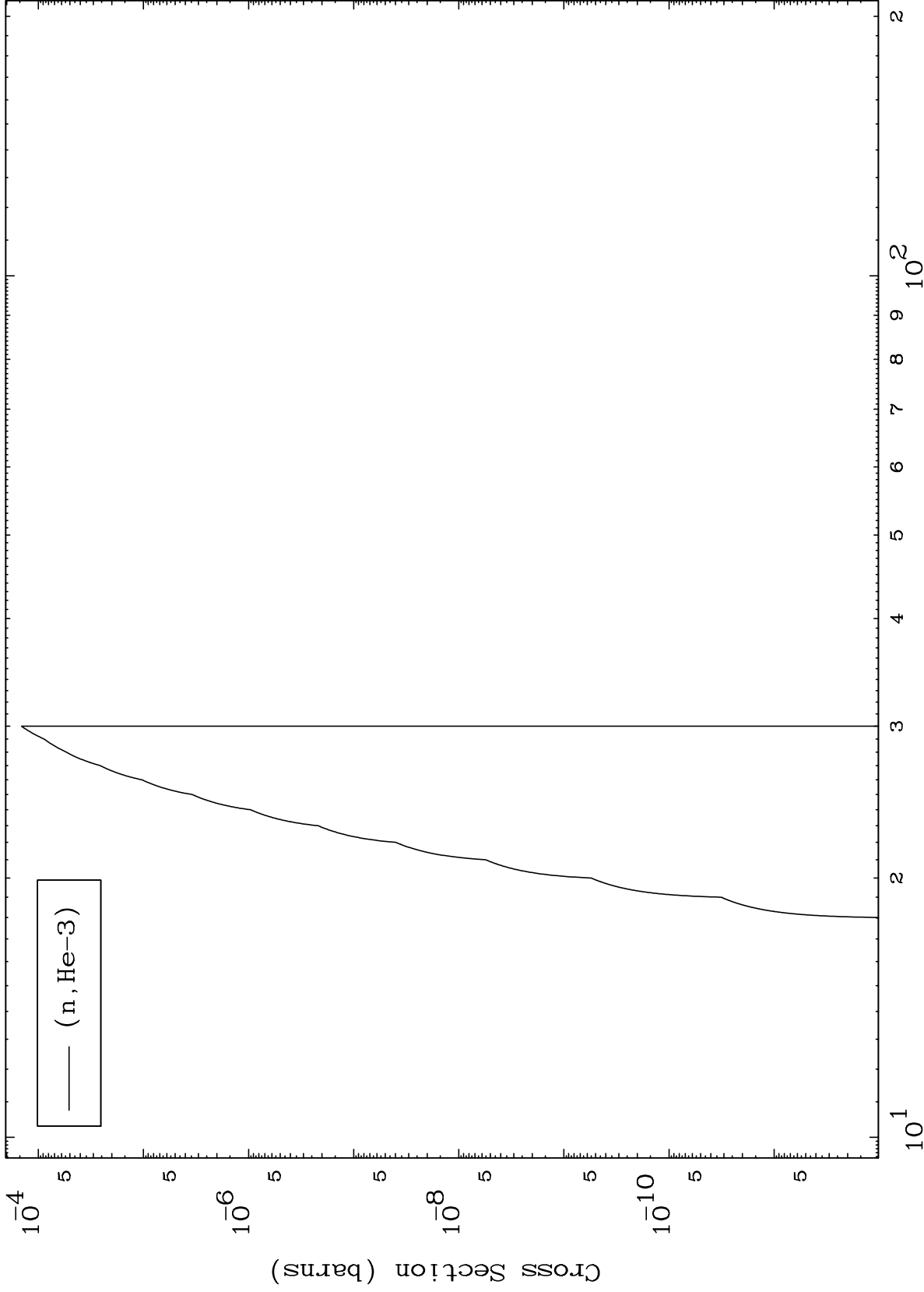
Incident Energy (MeV)

61-Pm-152

MAT 6164

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-152



Incident Energy (MeV)

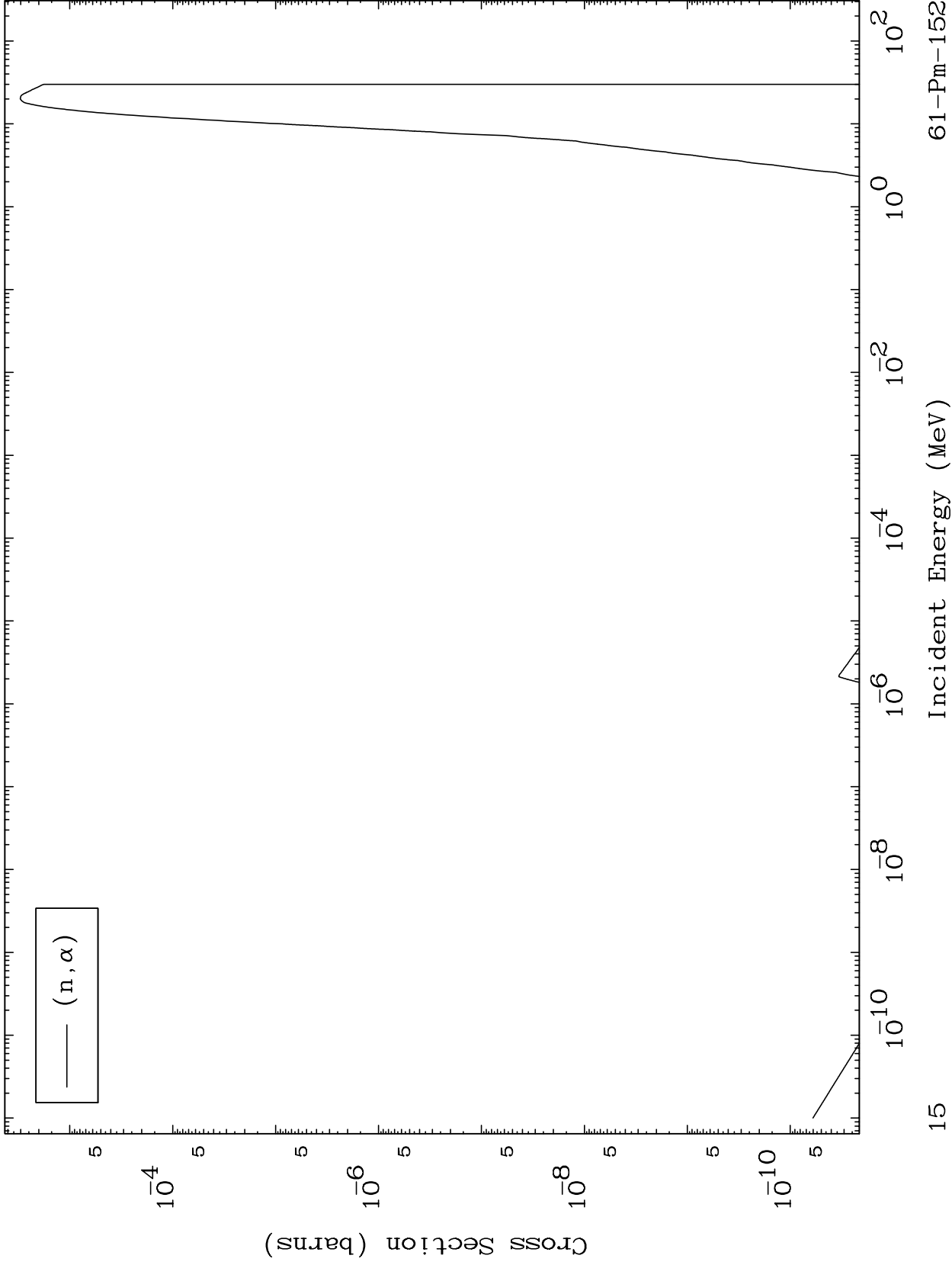
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14

MAT 6164

(n, α) Levels
293 Kelvin Cross Sections

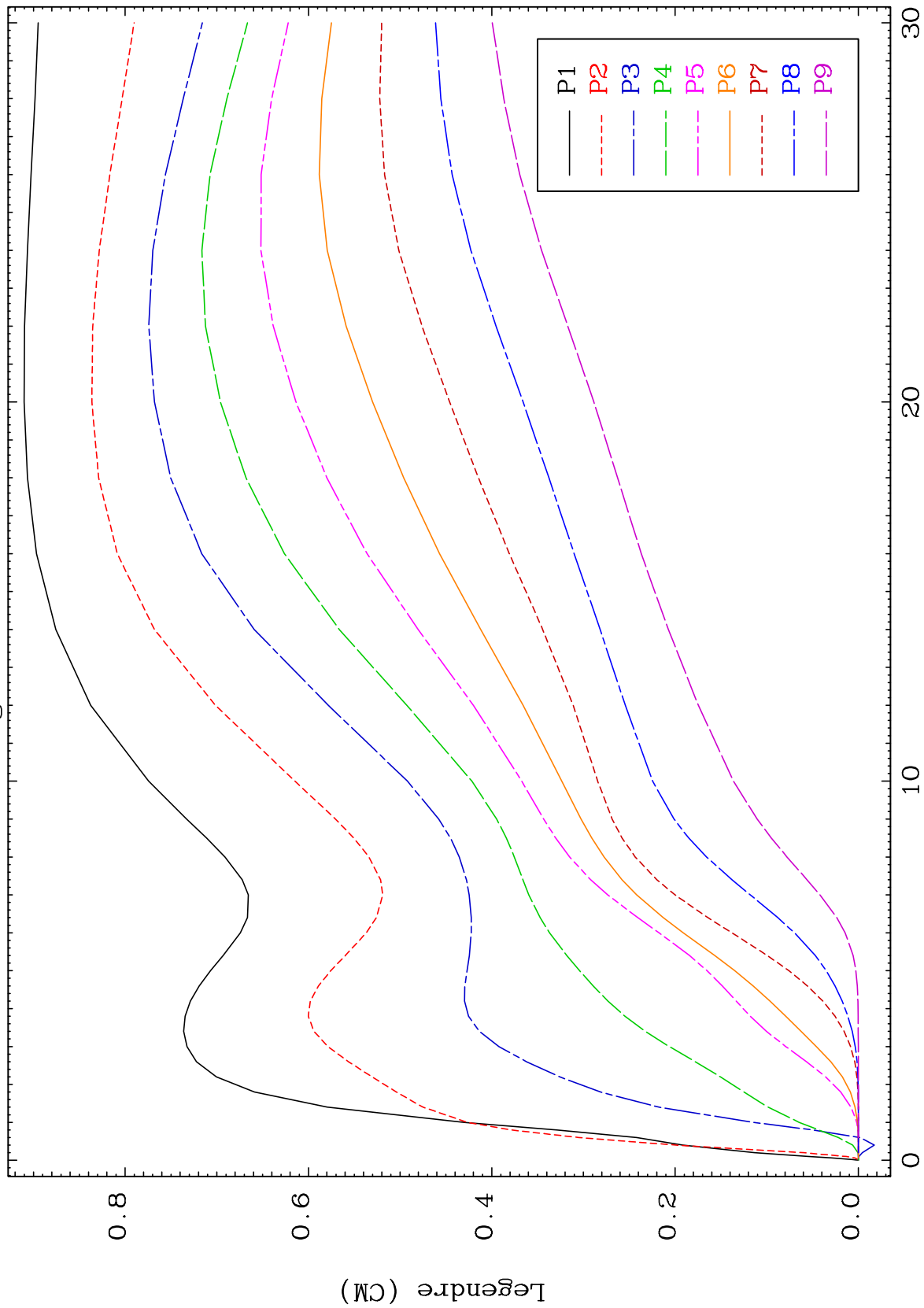
61-Pm-152



MAT 6164

Elastic Legendre Coefficients

61-Pm-152



16

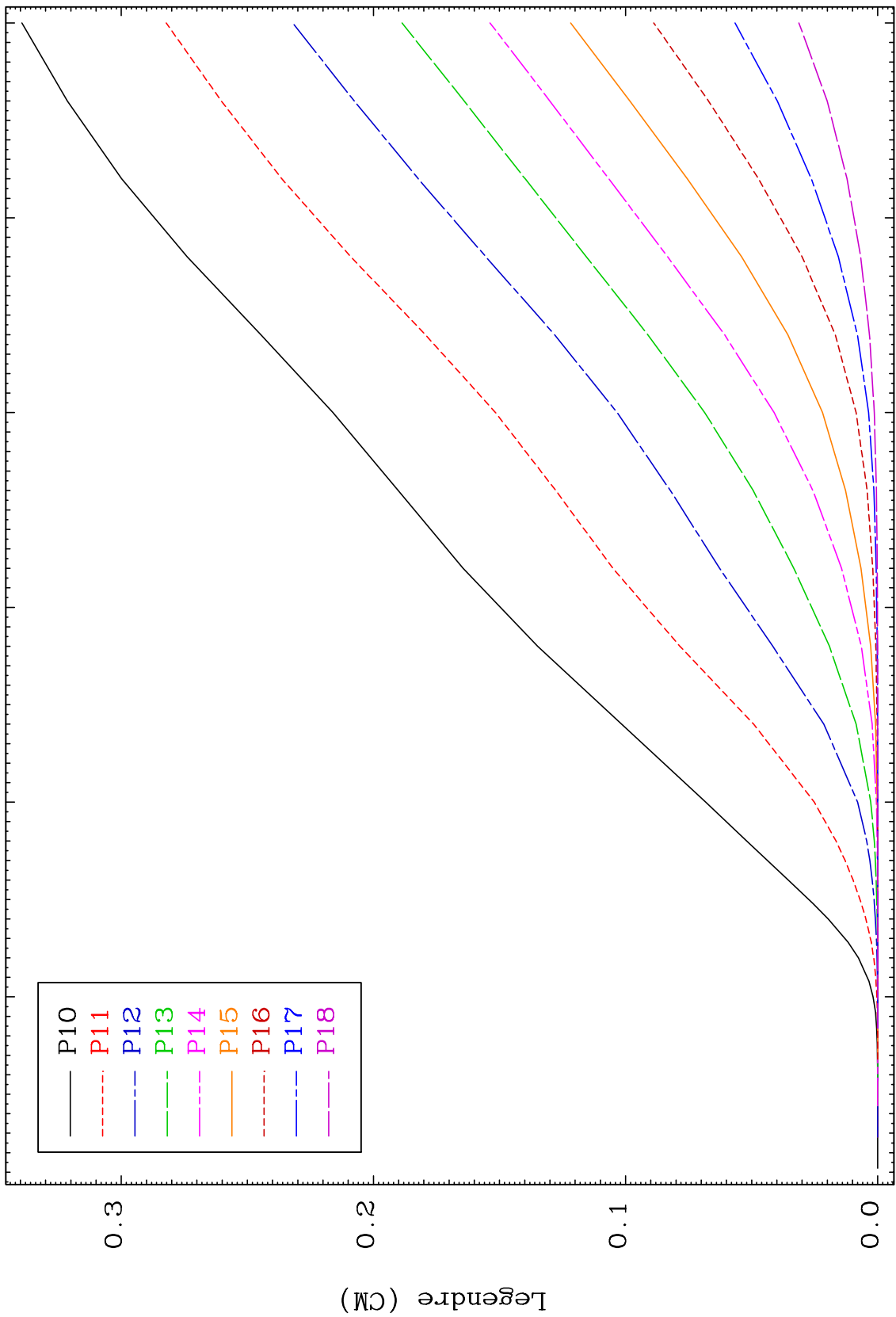
Incident Energy (MeV)

61-Pm-152

MAT 6164

Elastic Legendre Coefficients

61-Pm-152



17

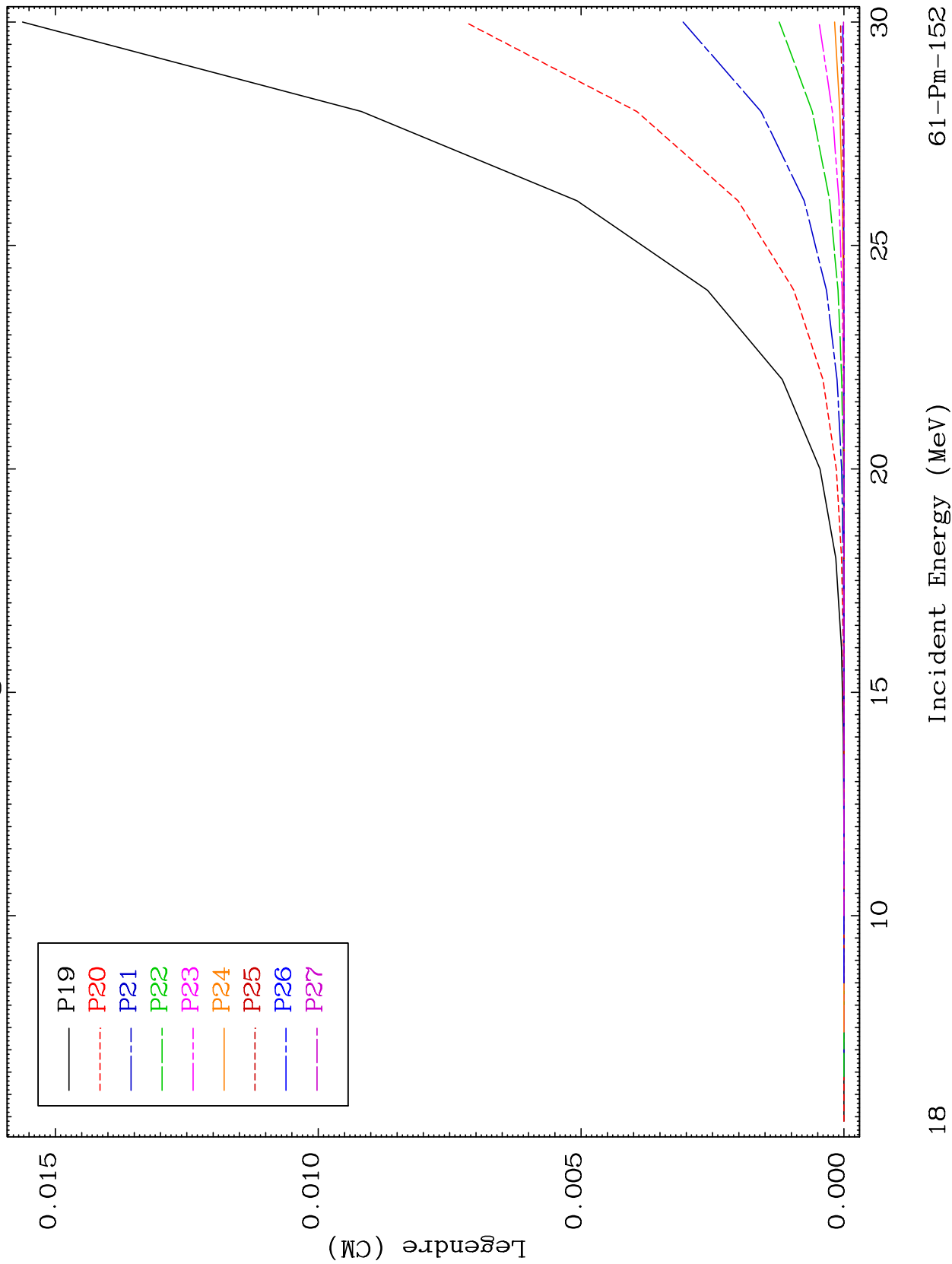
Incident Energy (MeV)

61-Pm-152

MAT 6164

Elastic Legendre Coefficients

61-Pm-152



18

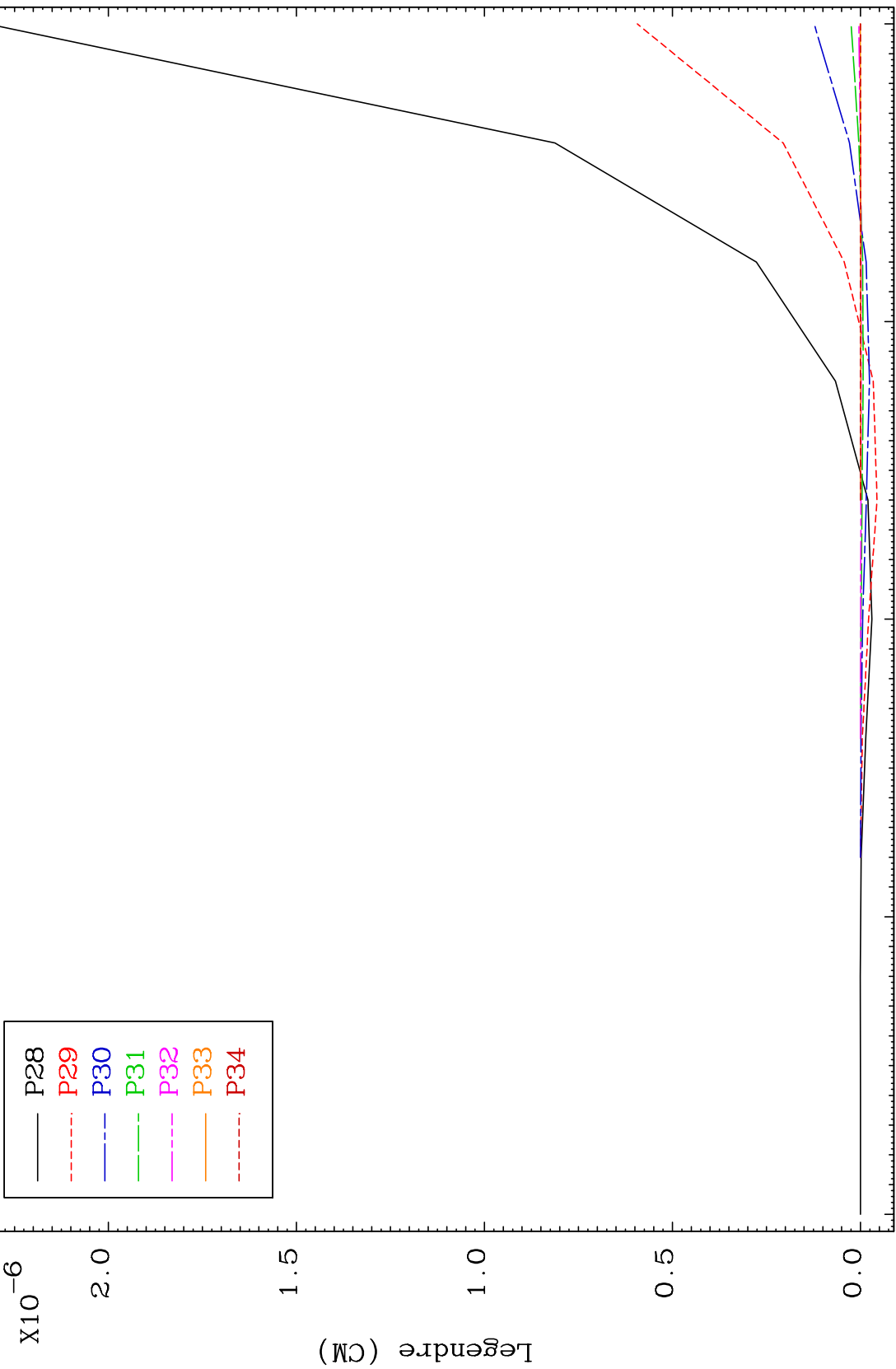
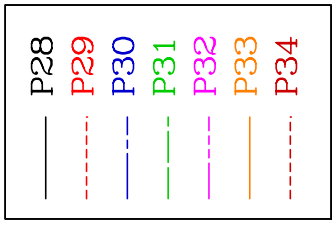
Incident Energy (MeV)

61-Pm-152

MAT 6164

Elastic Legendre Coefficients

61-Pm-152



19

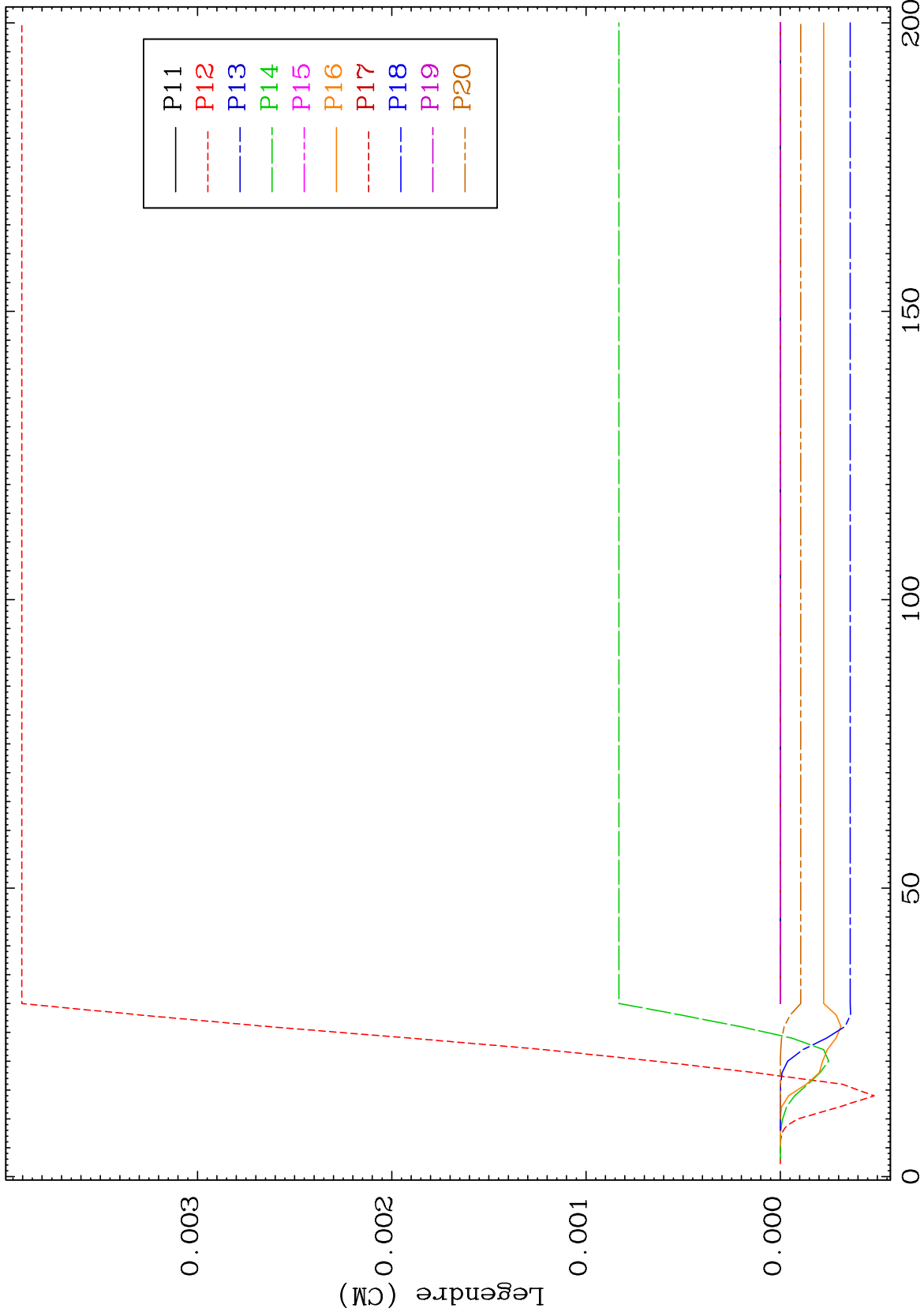
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

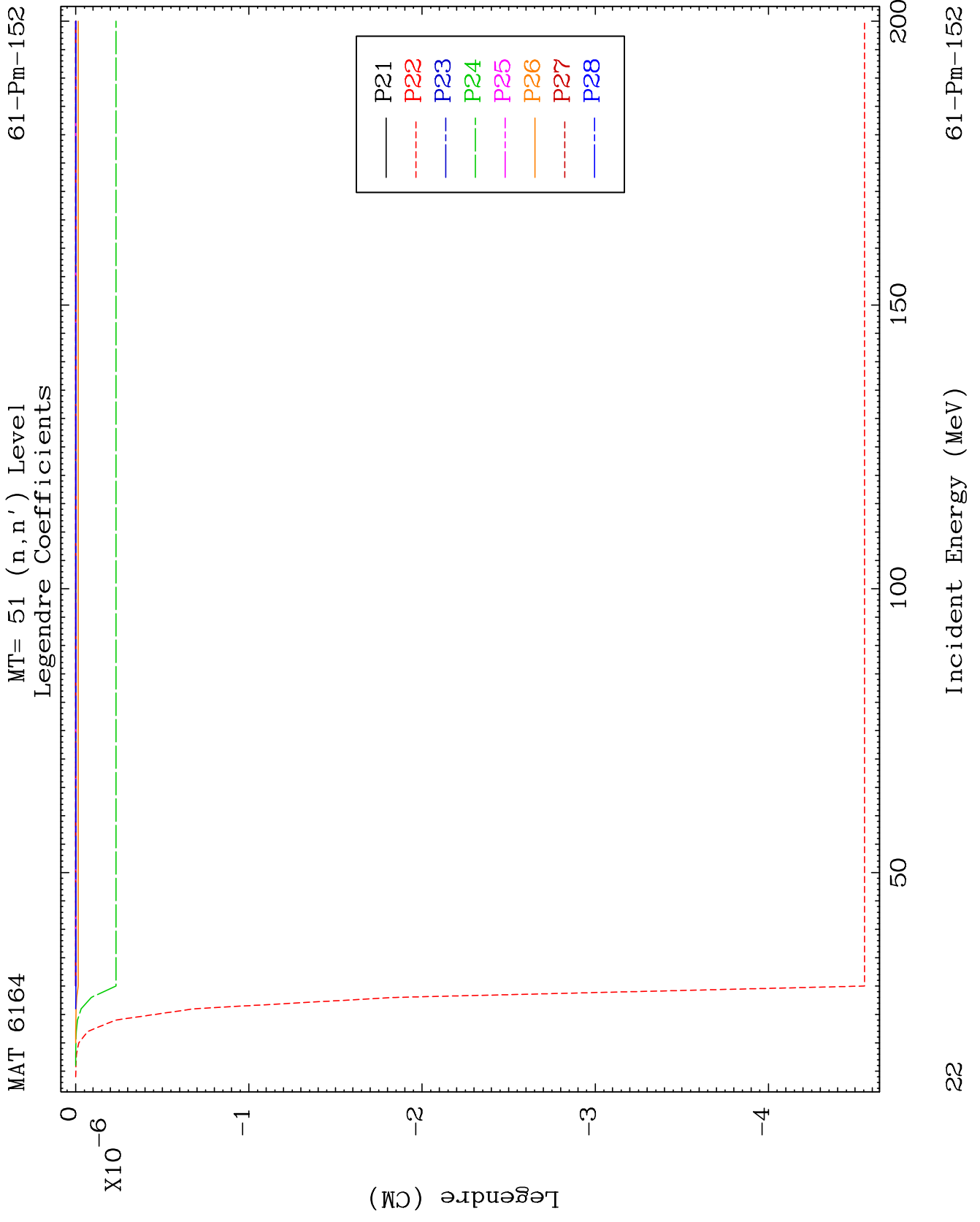
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21

Incident Energy (MeV)

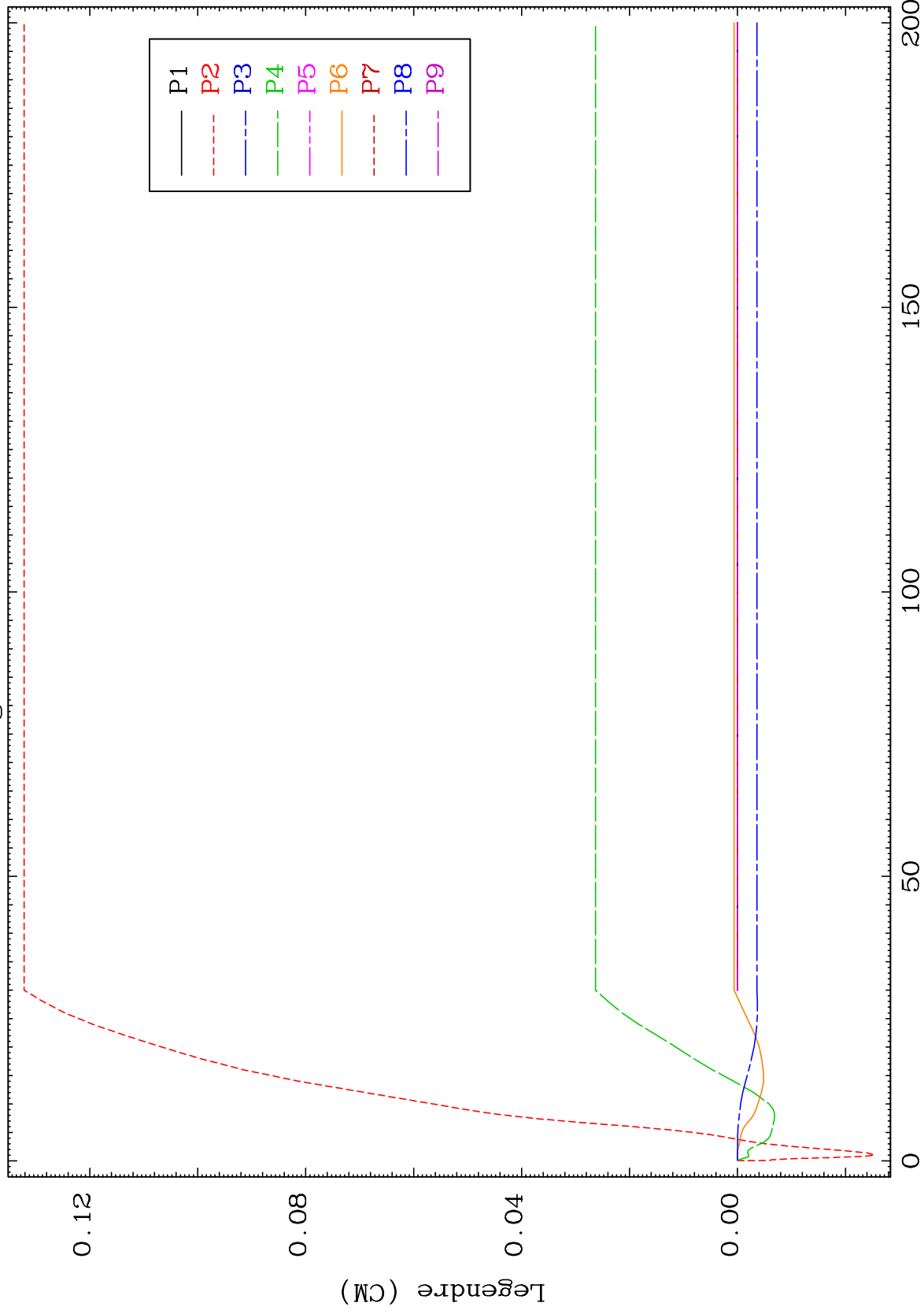
61-Pm-152



MAT 6164

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

61-Pm-152



23

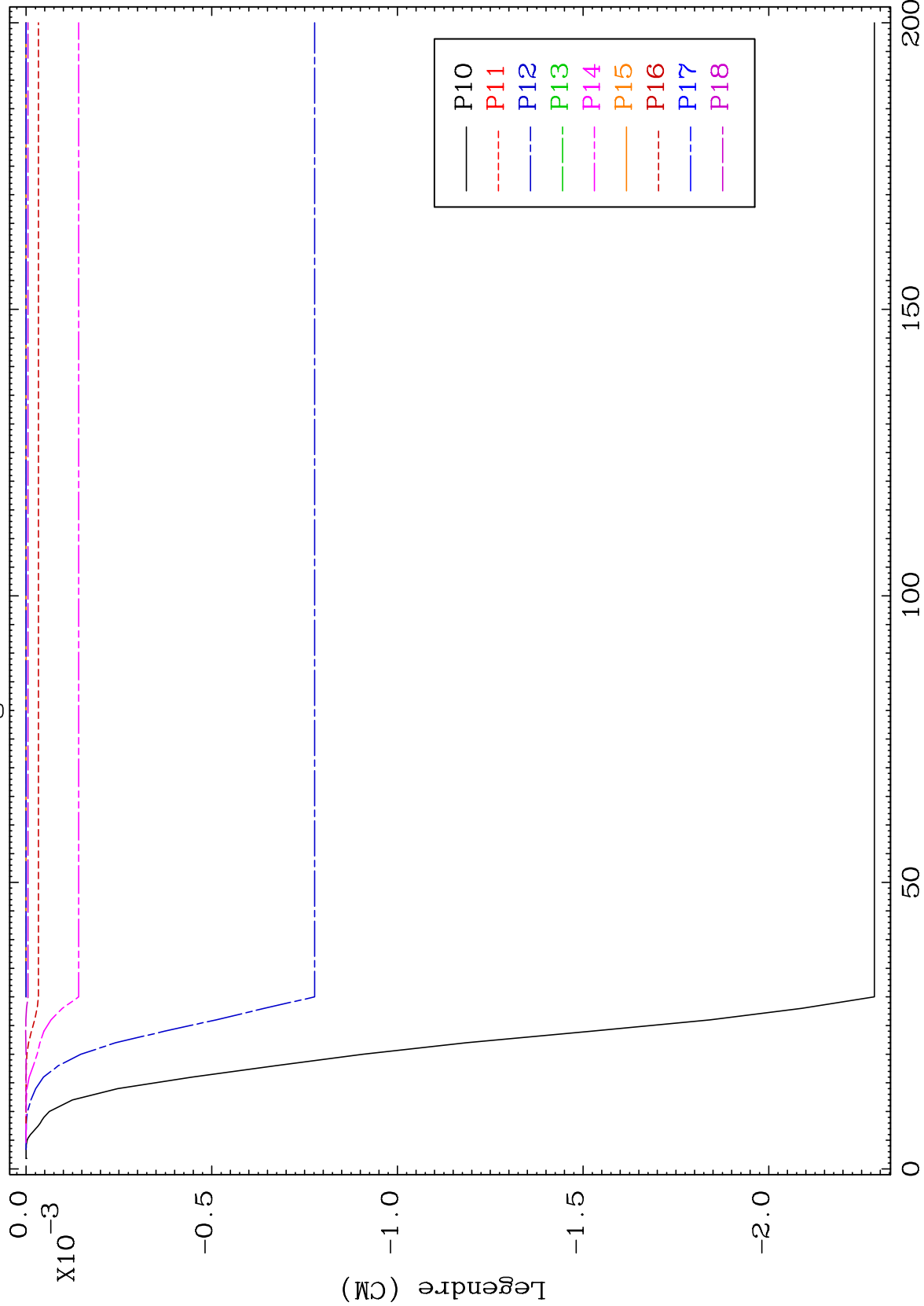
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

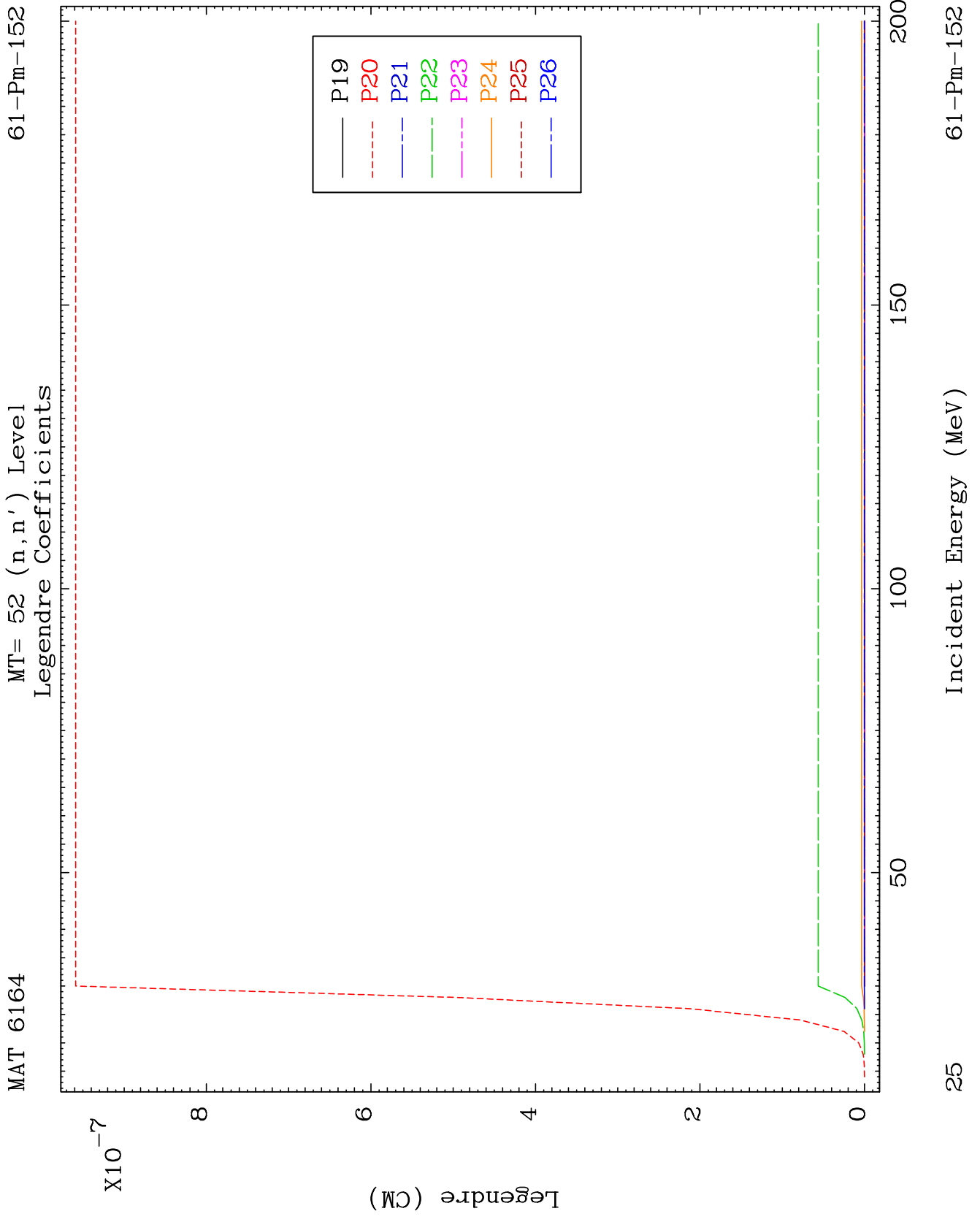
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24

Incident Energy (MeV)

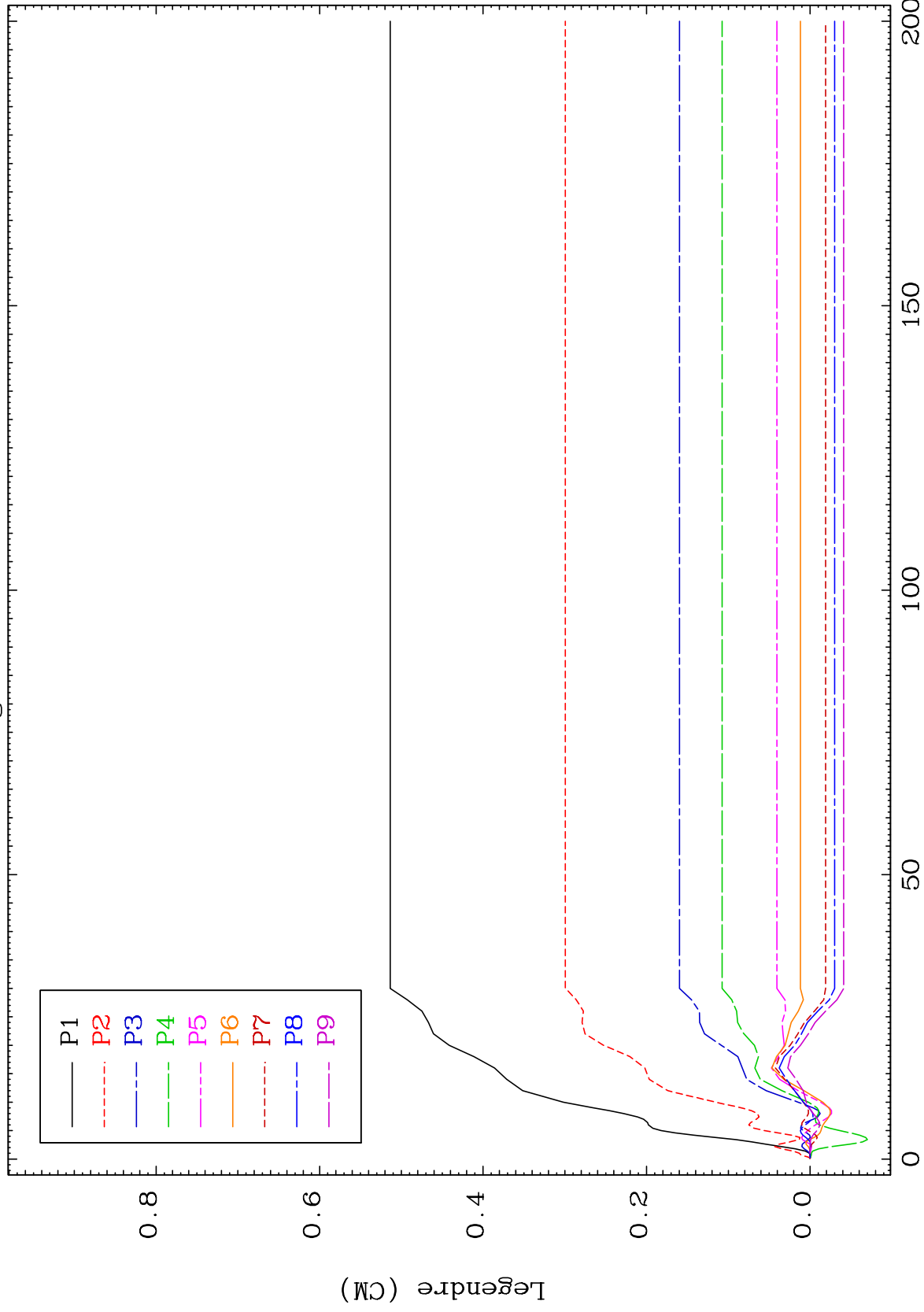
61-Pm-152



MAT 6164

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

61-Pm-152



26

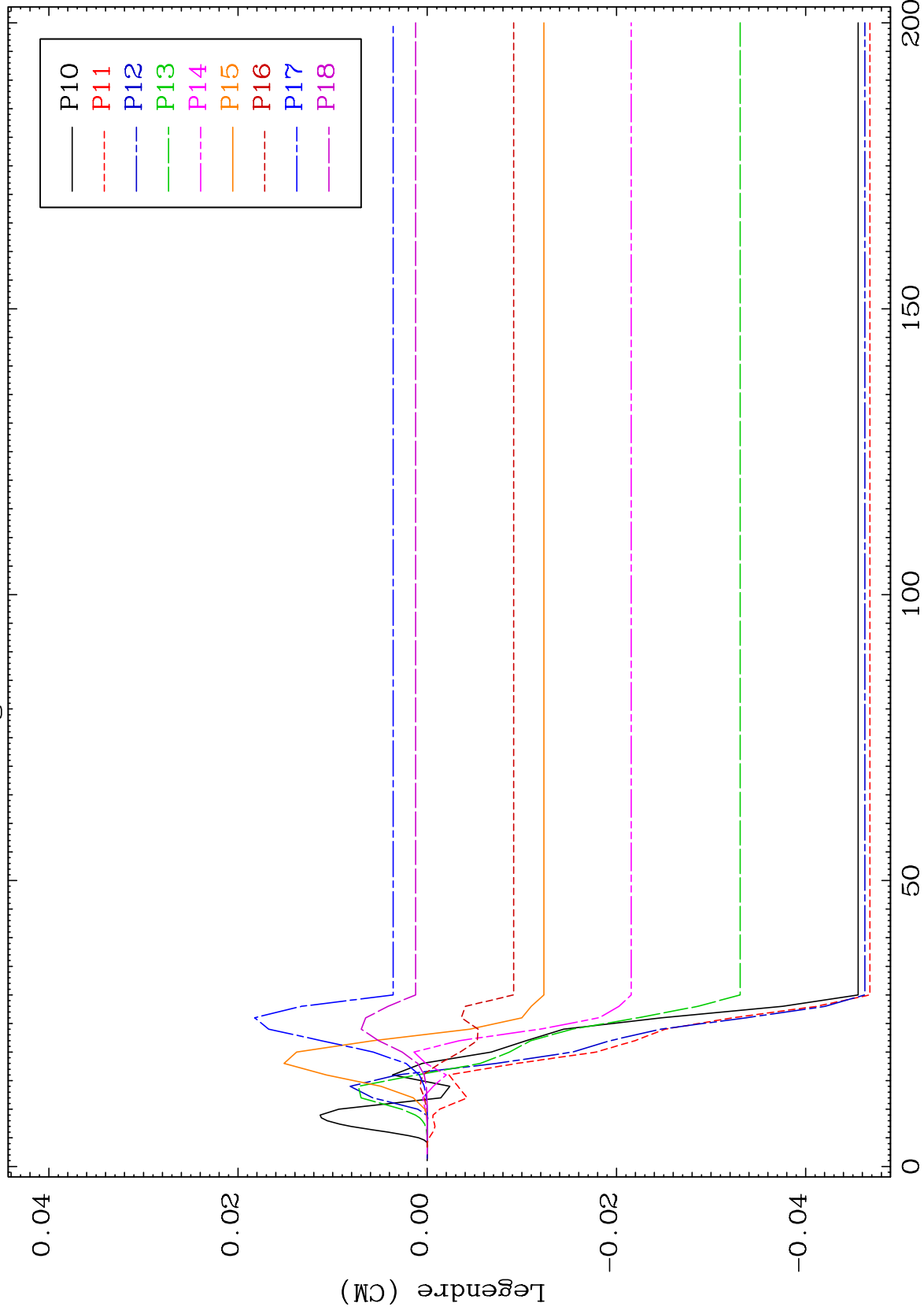
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

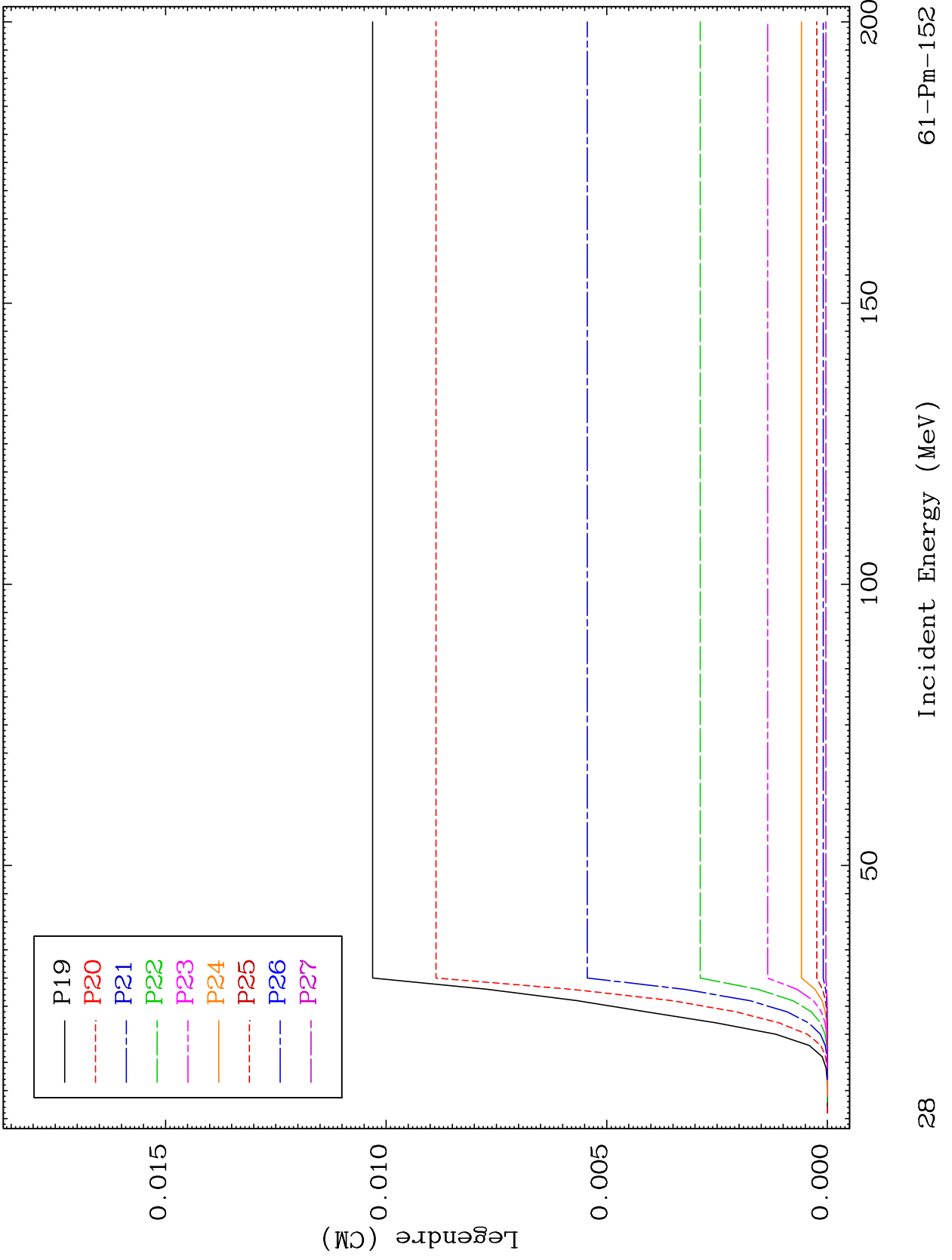
61-Pm-152



27

Incident Energy (MeV)

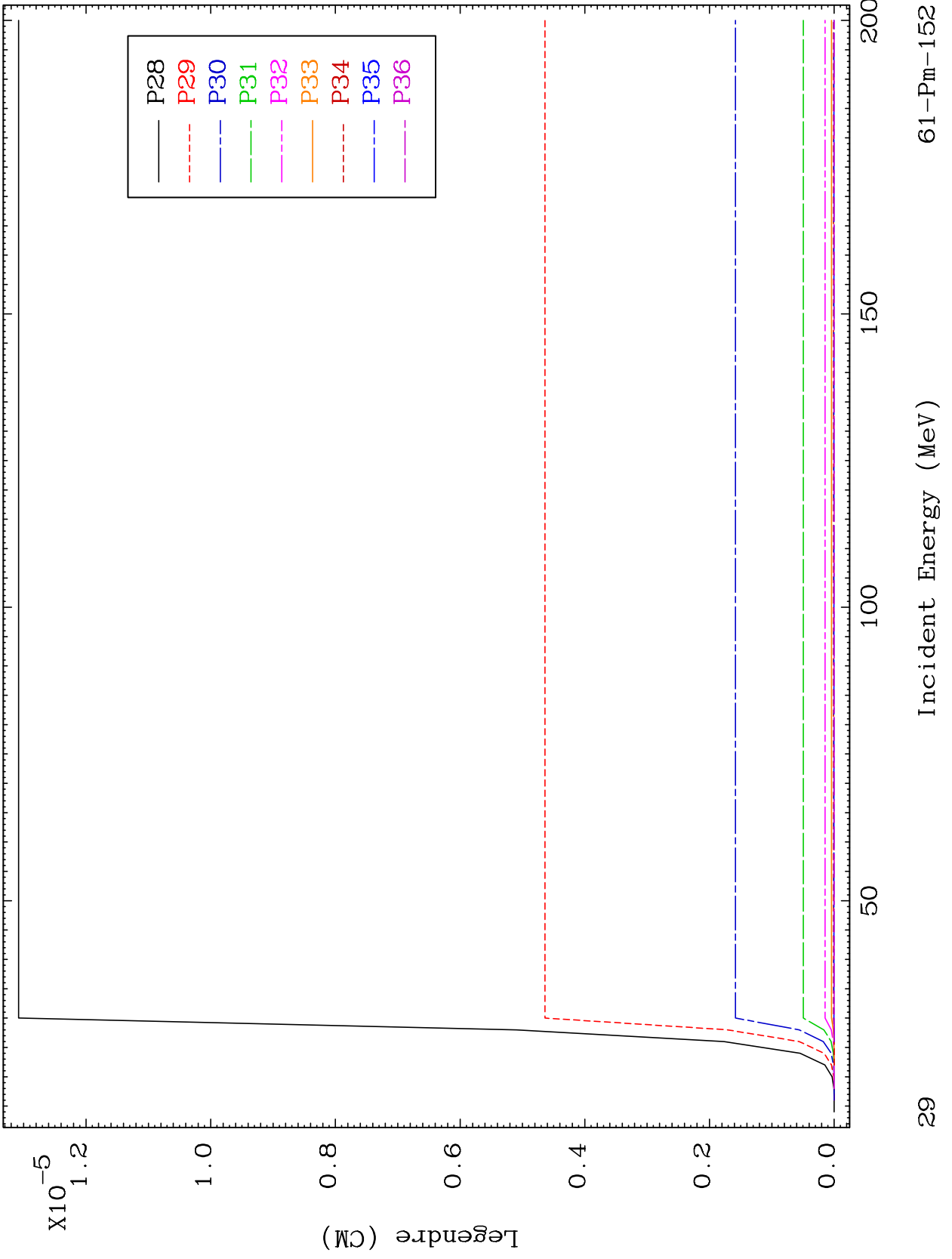
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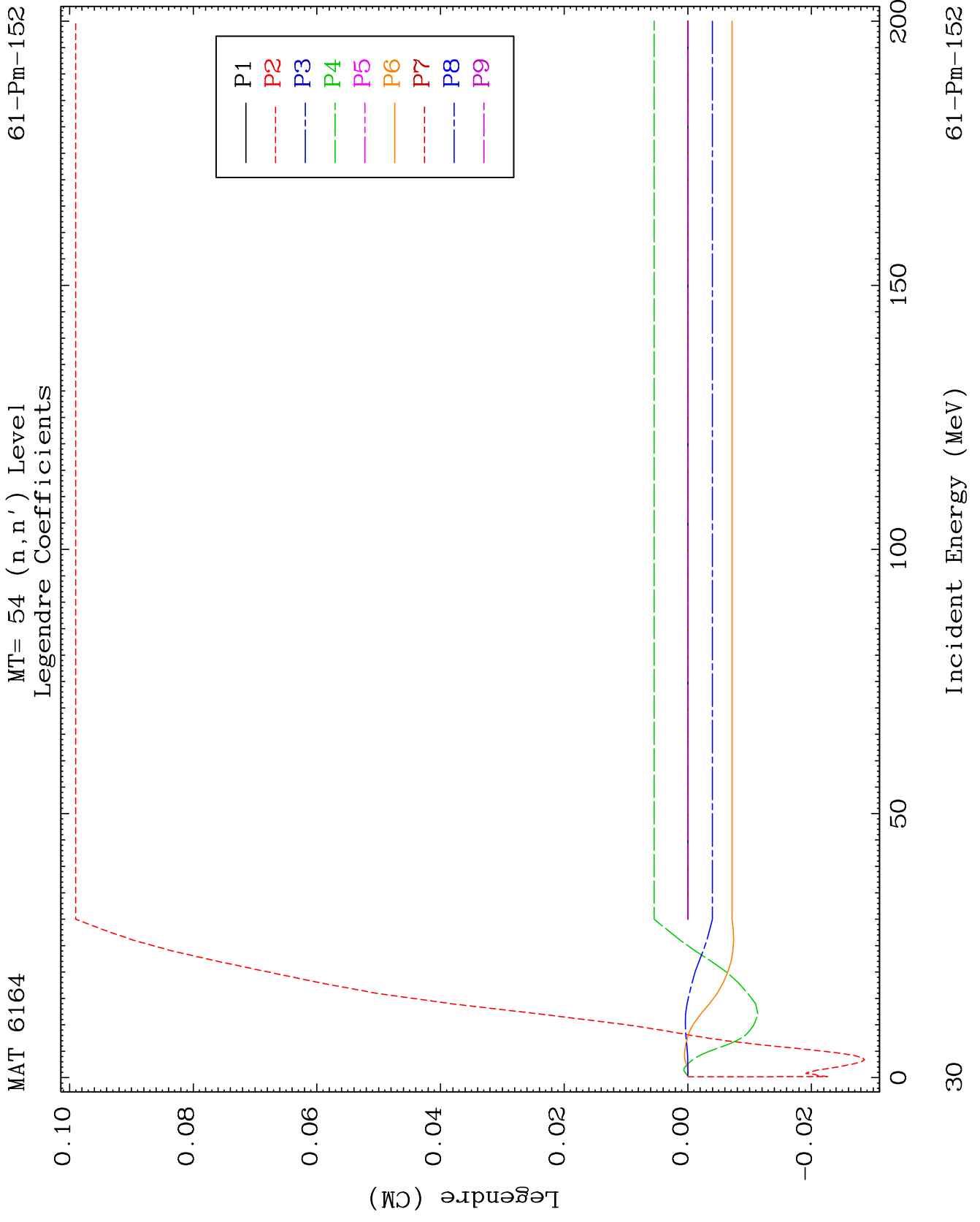


MAT 6164

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

61-Pm-152

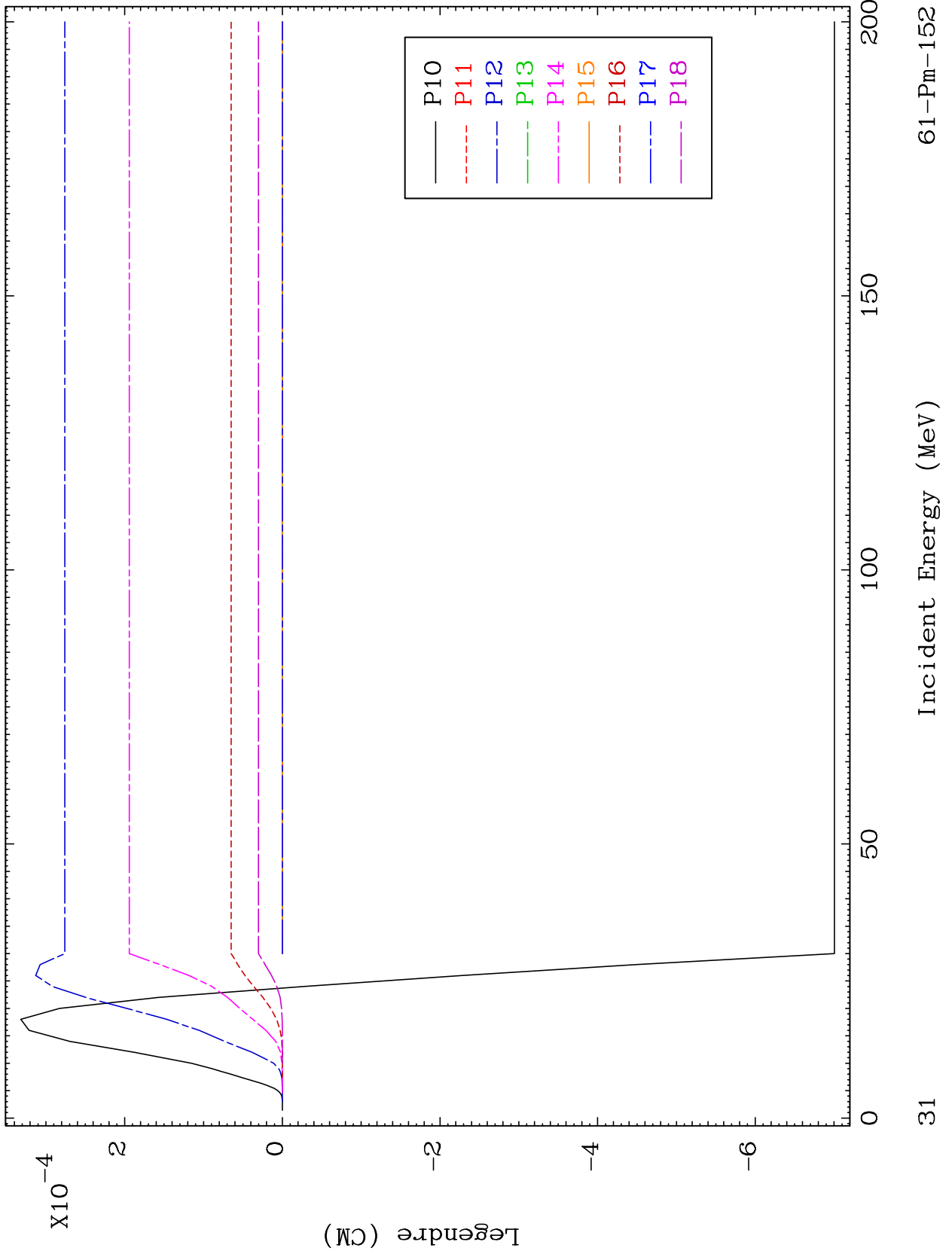




MAT 6164

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

61-Pm-152



31

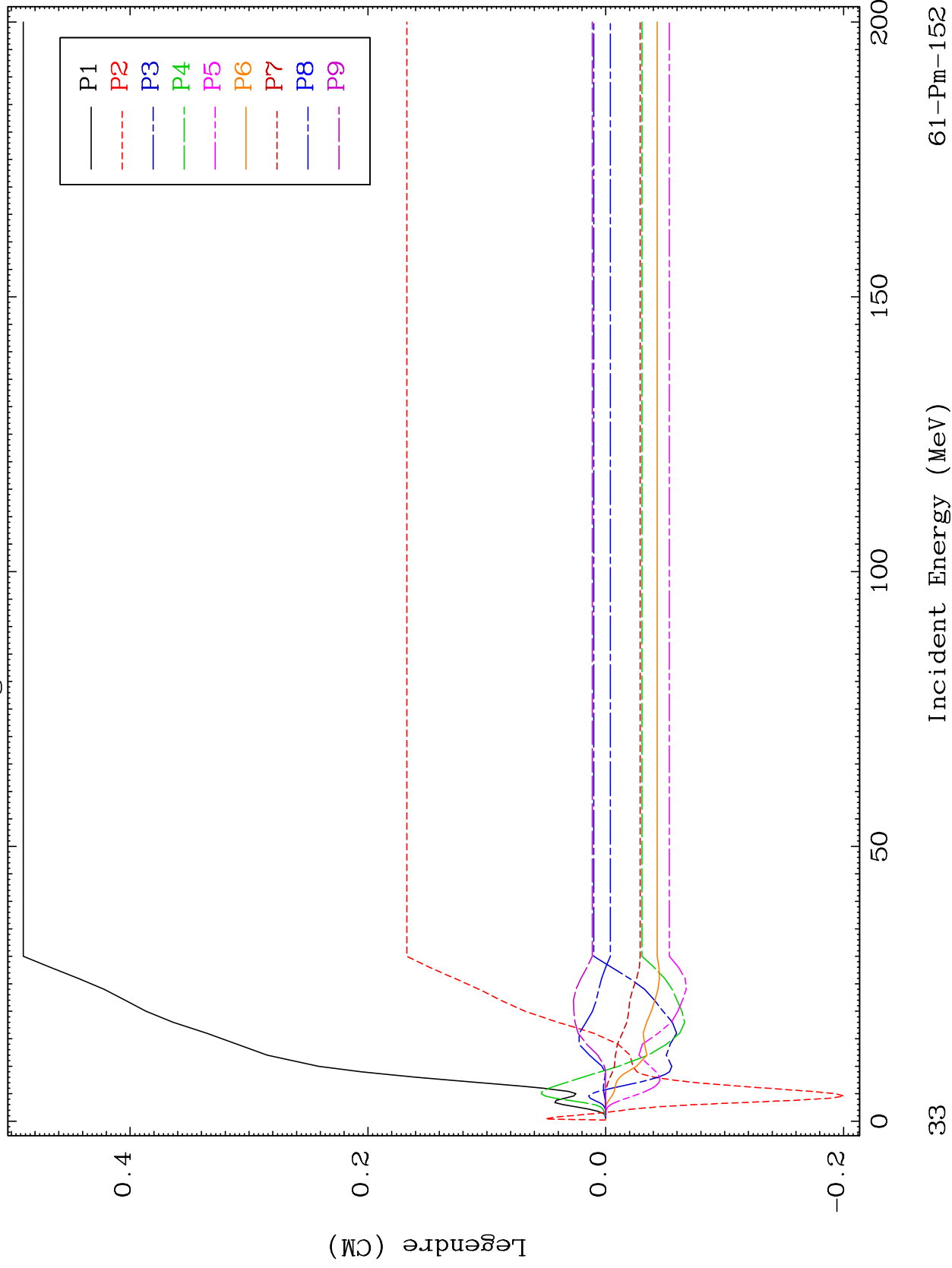
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



61-Pm-152

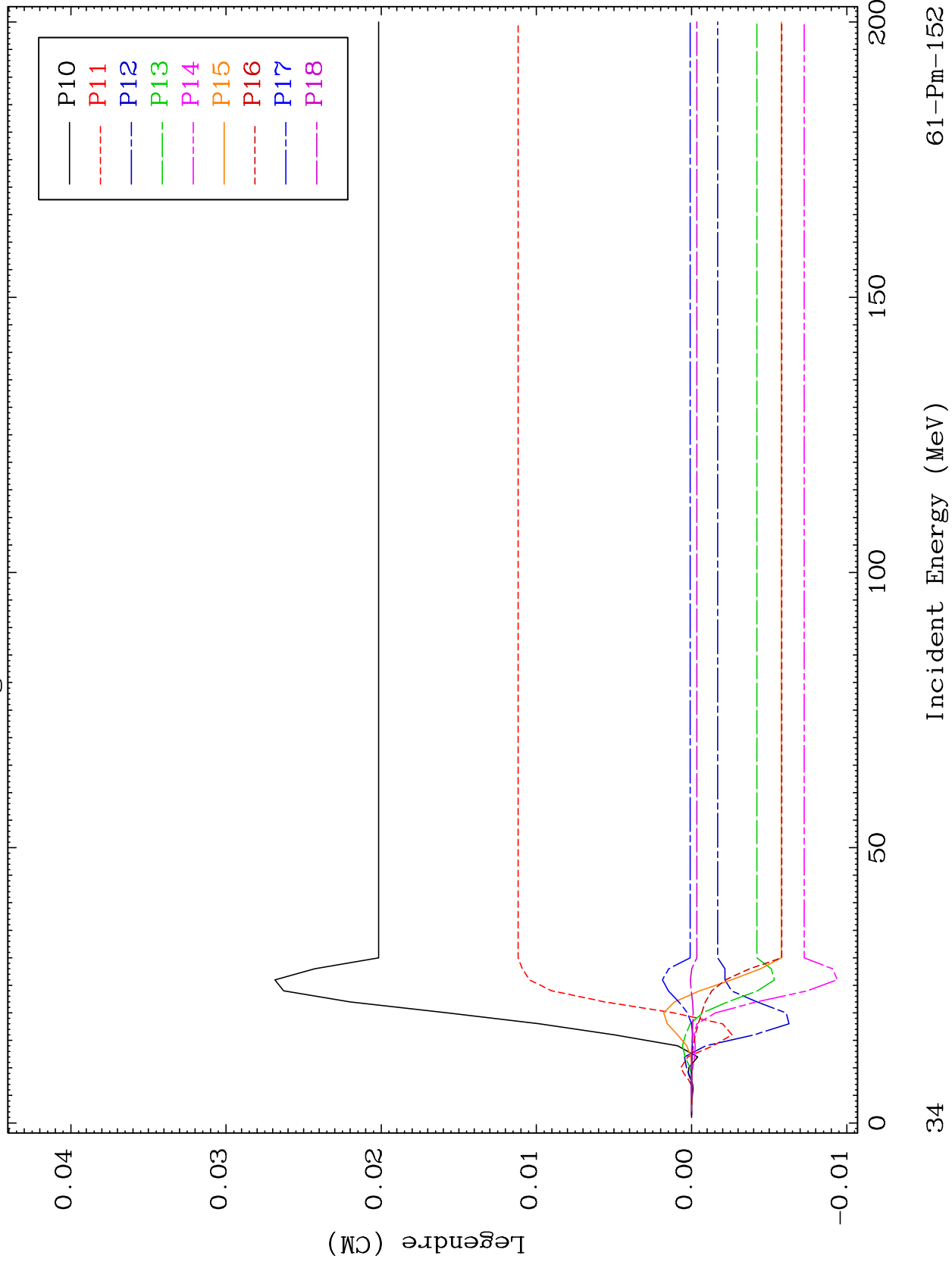
Incident Energy (MeV)

33

MAT 6164

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

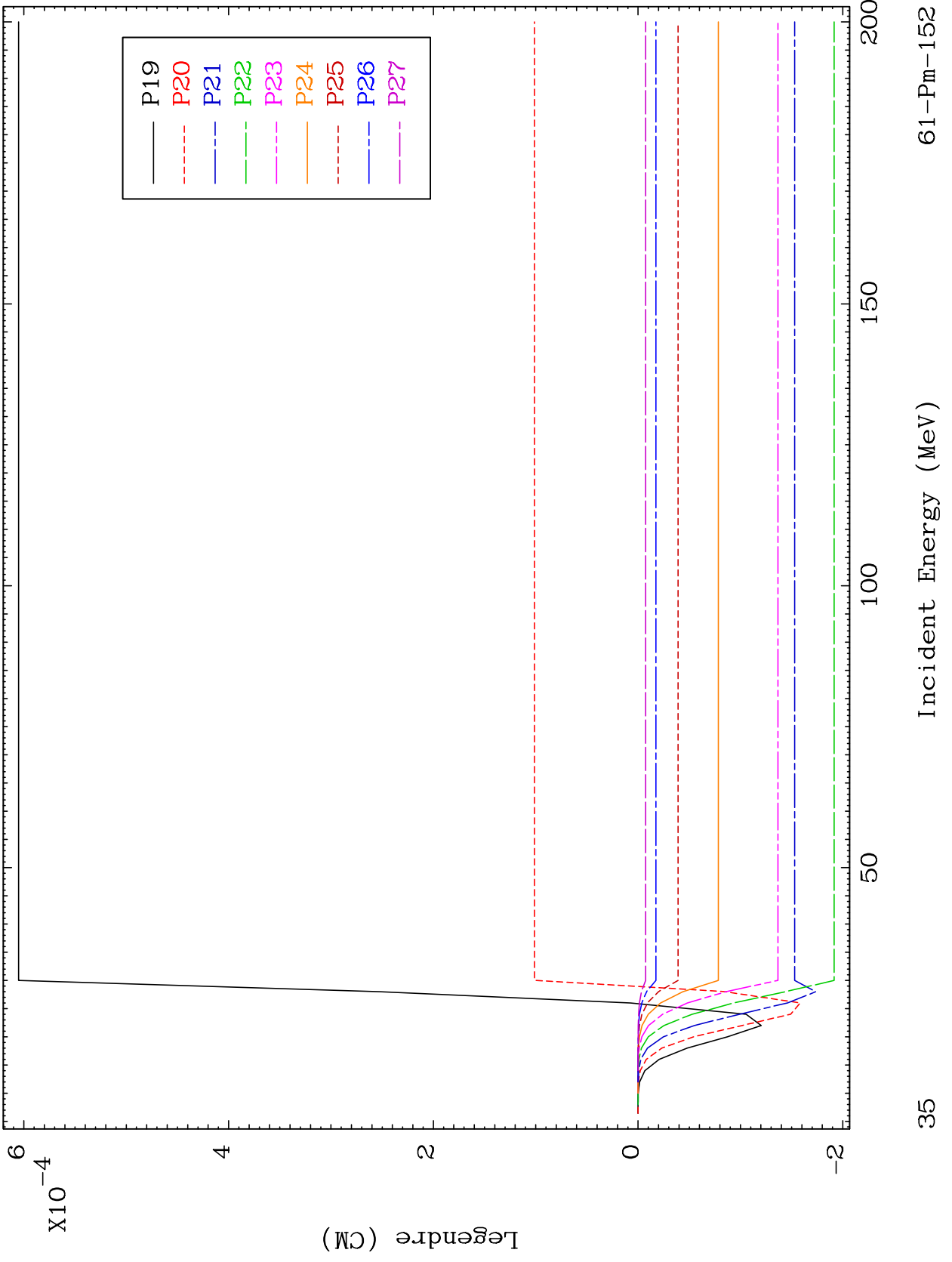
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MAT 6164

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

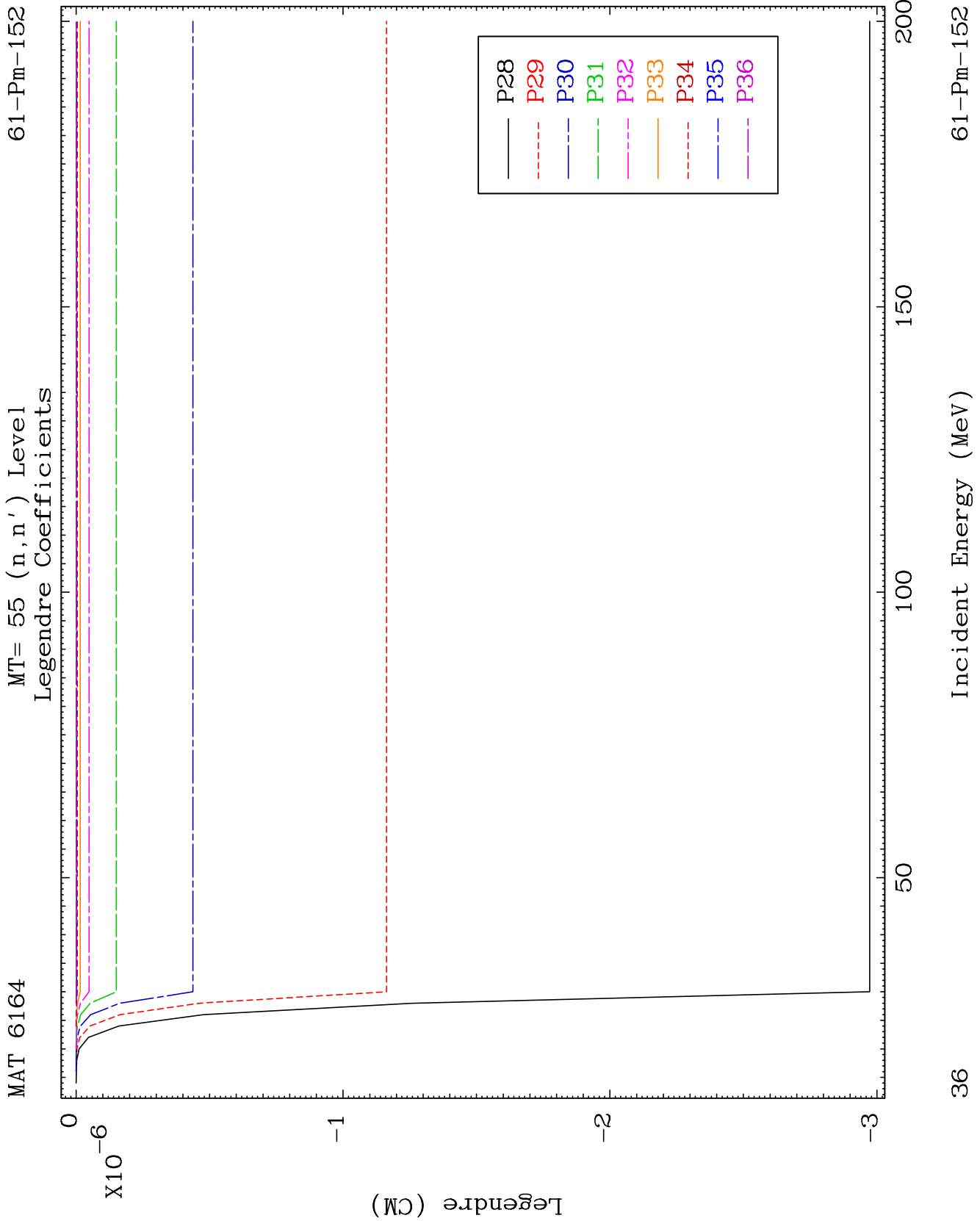
61-Pm-152



35

Incident Energy (MeV)

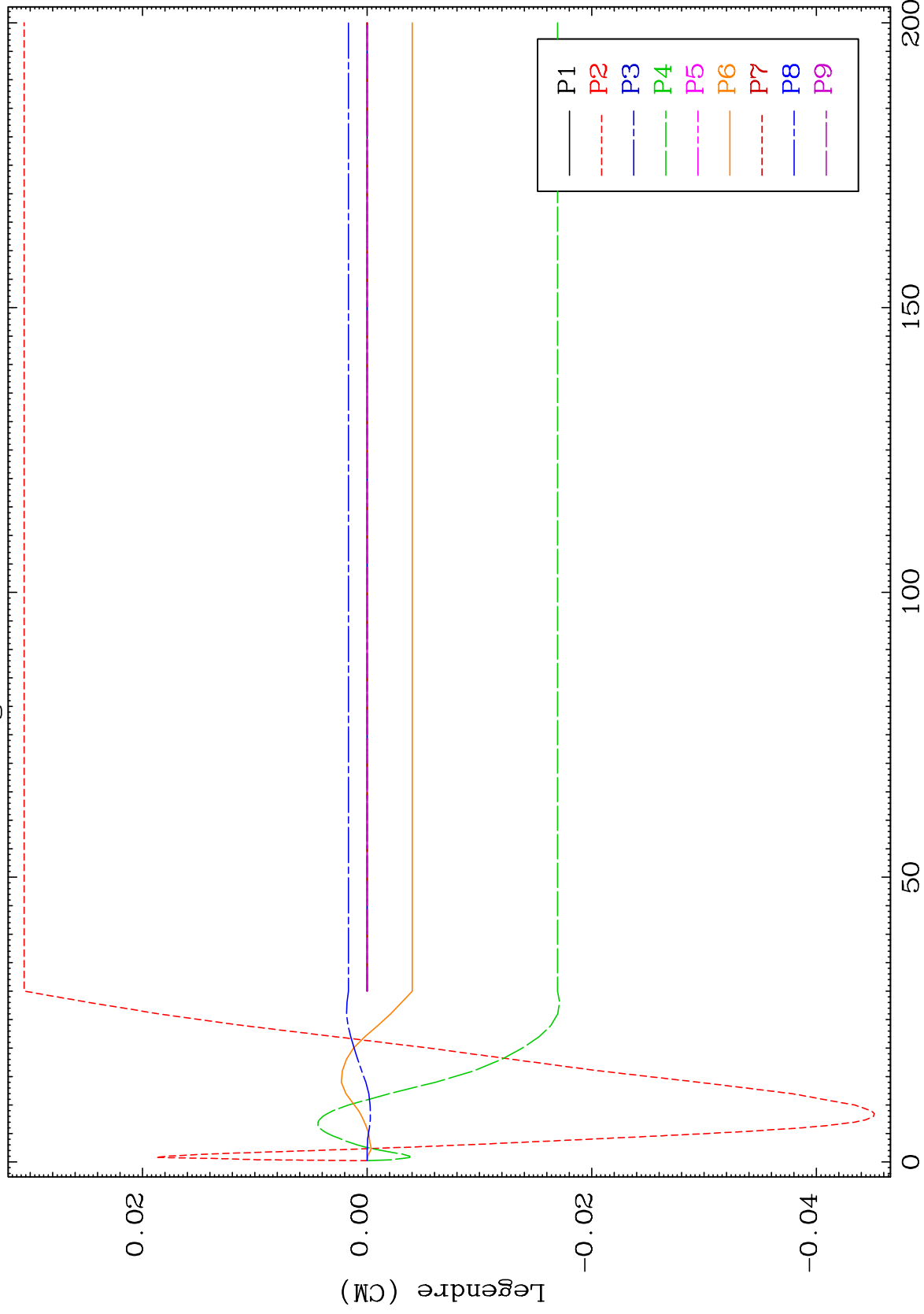
61-Pm-152



MAT 6164

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

61-Pm-152



37

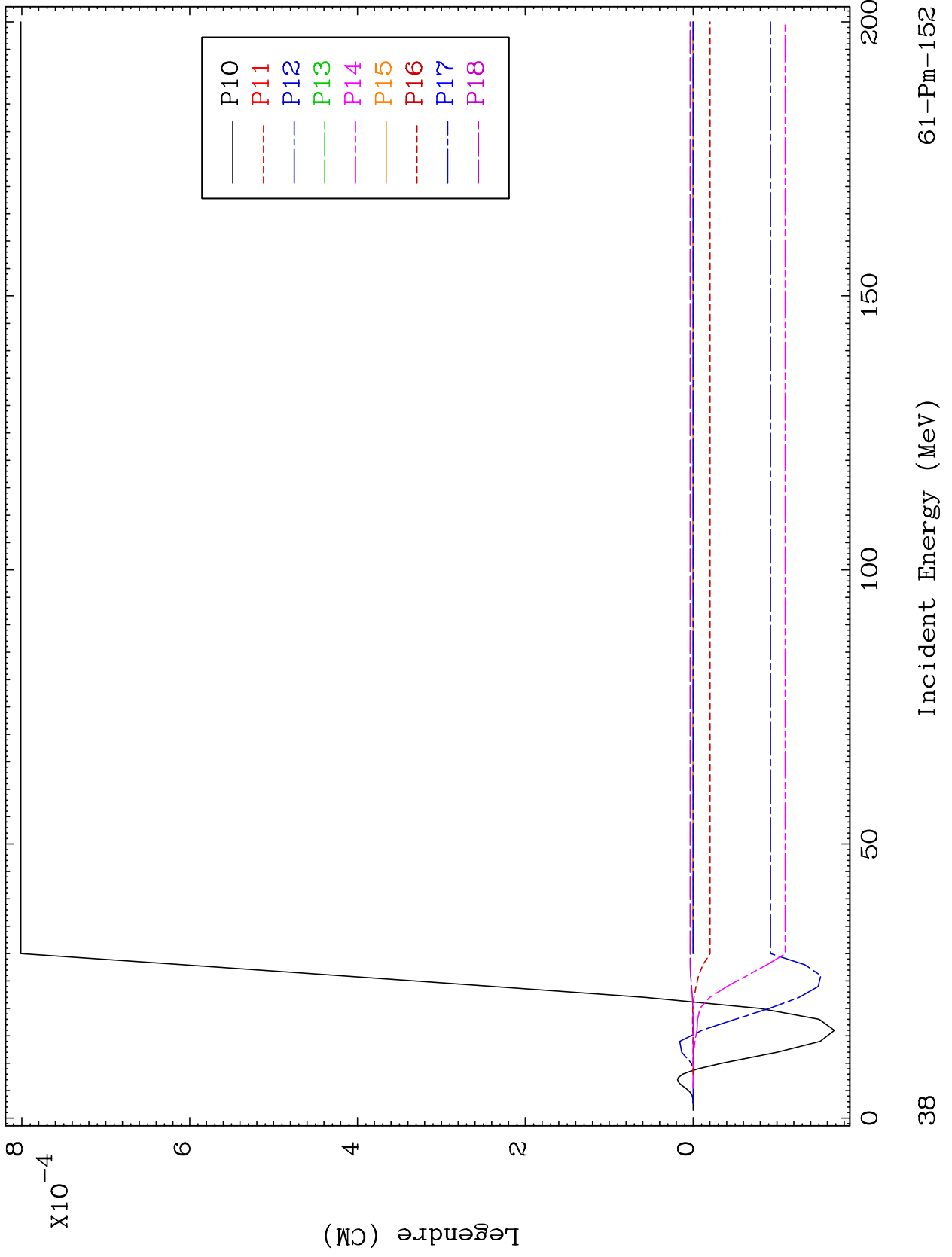
Incident Energy (MeV)

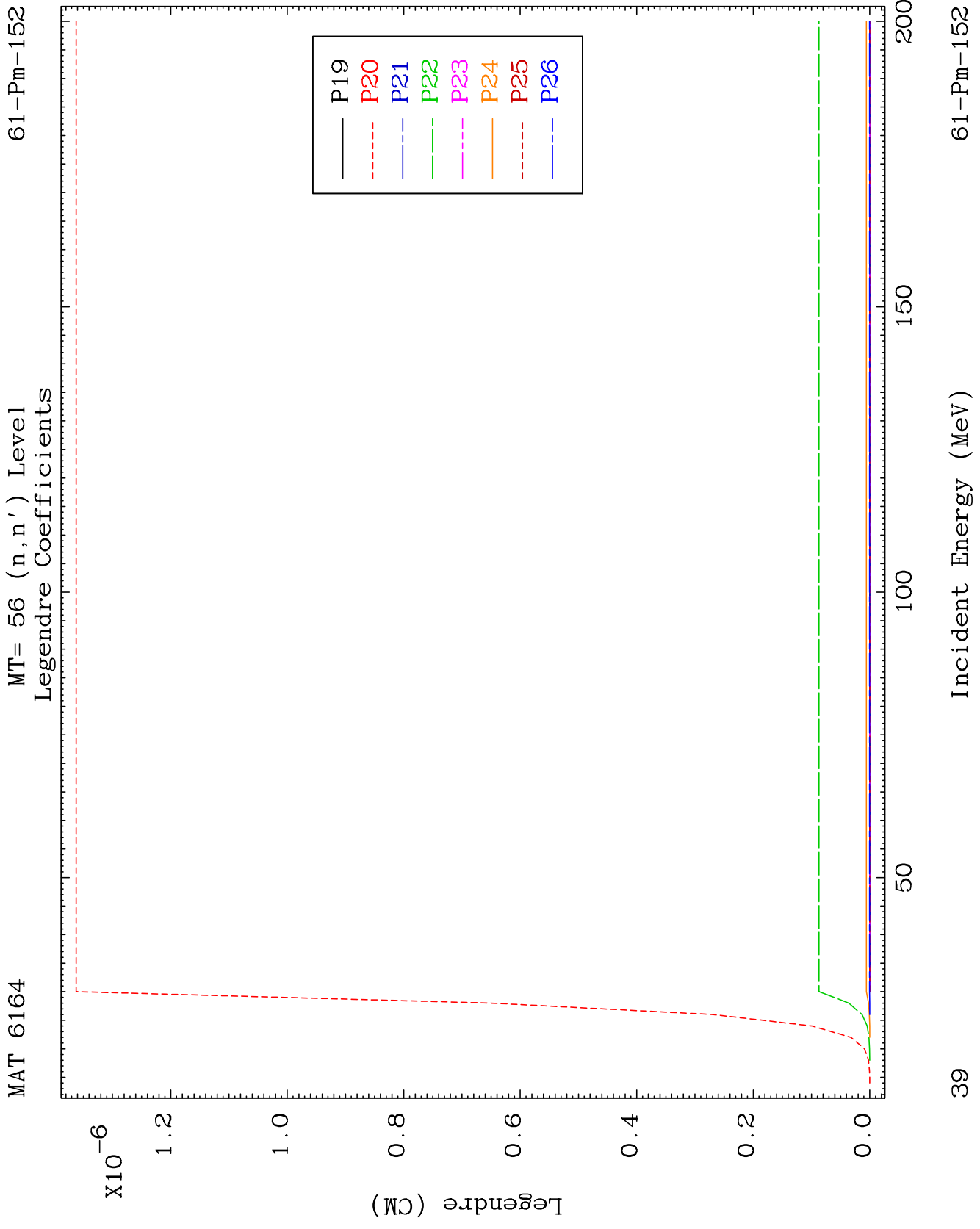
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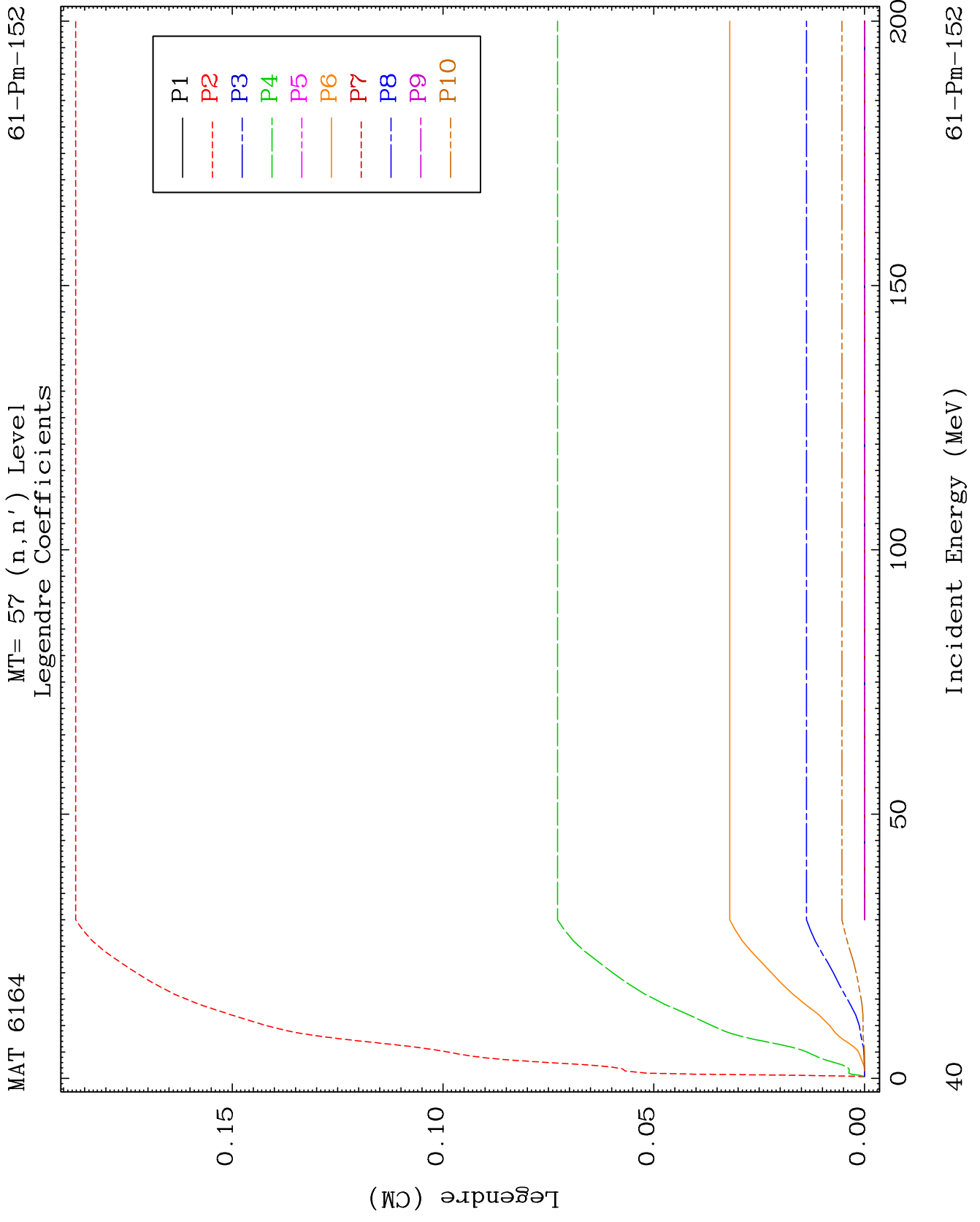
MAT 6164

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

61-Pm-152



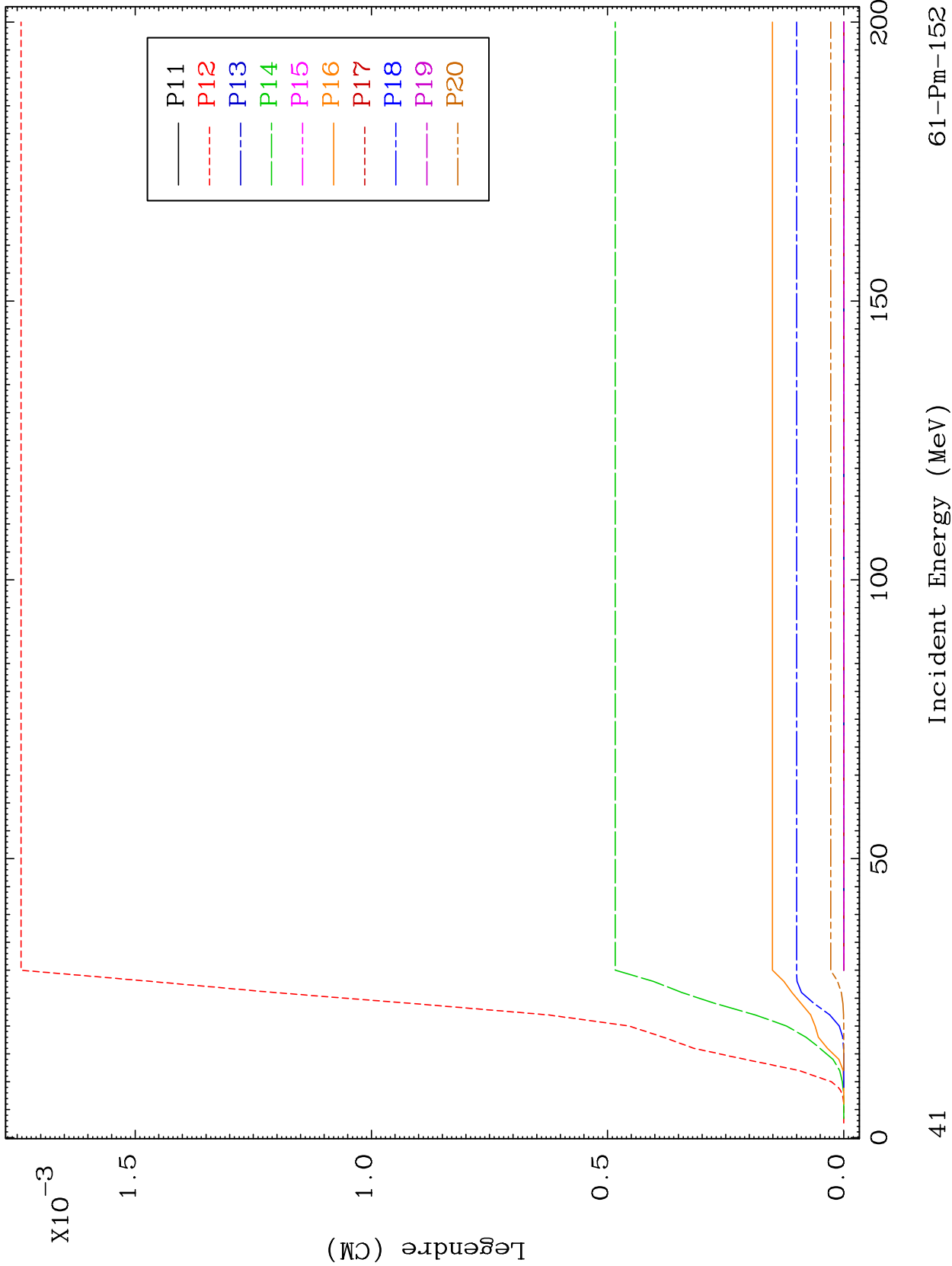




MAT 6164

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

61-Pm-152



41

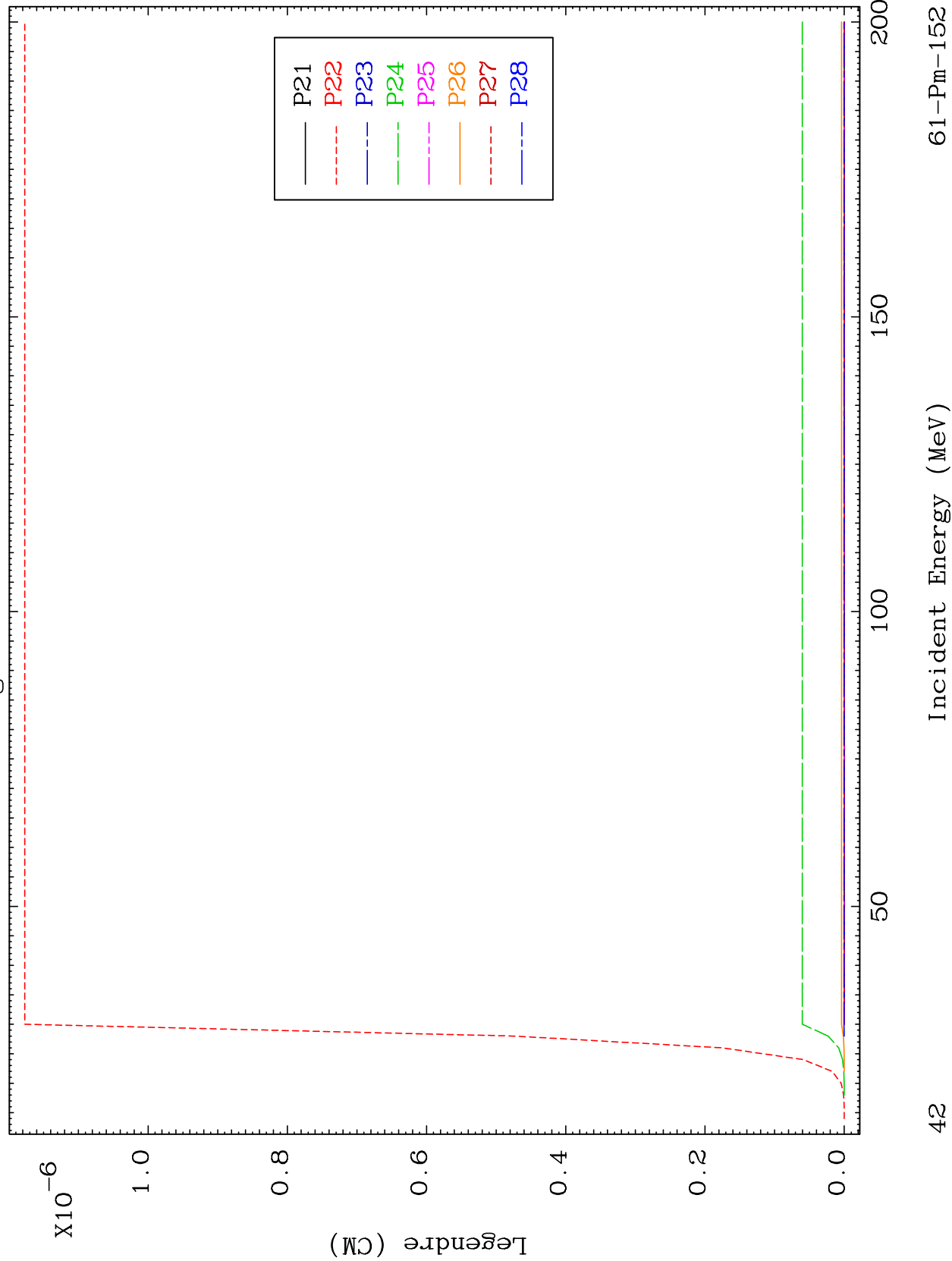
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



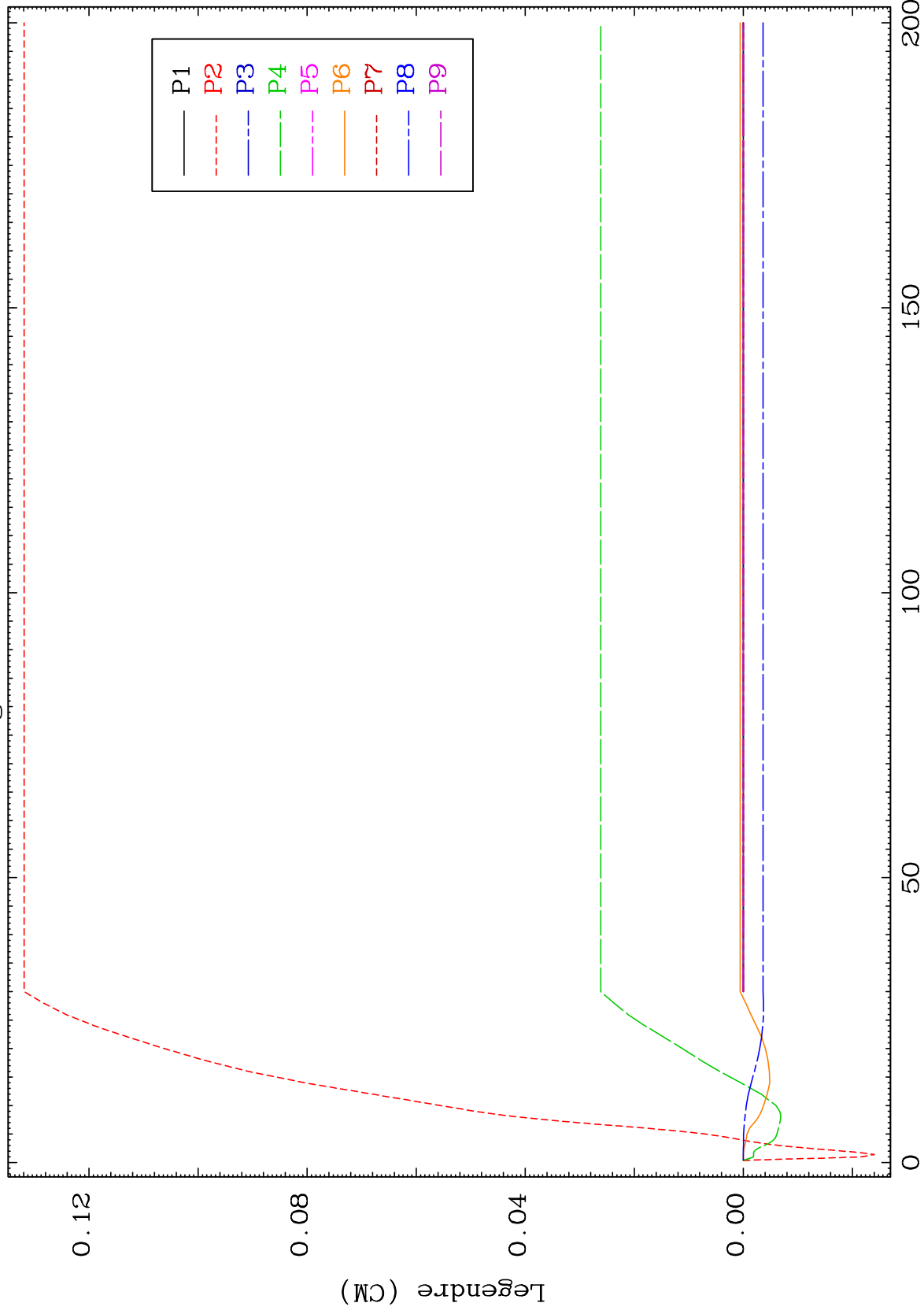
42

61-Pm-152

MAT 6164

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

61-Pm-152



61-Pm-152

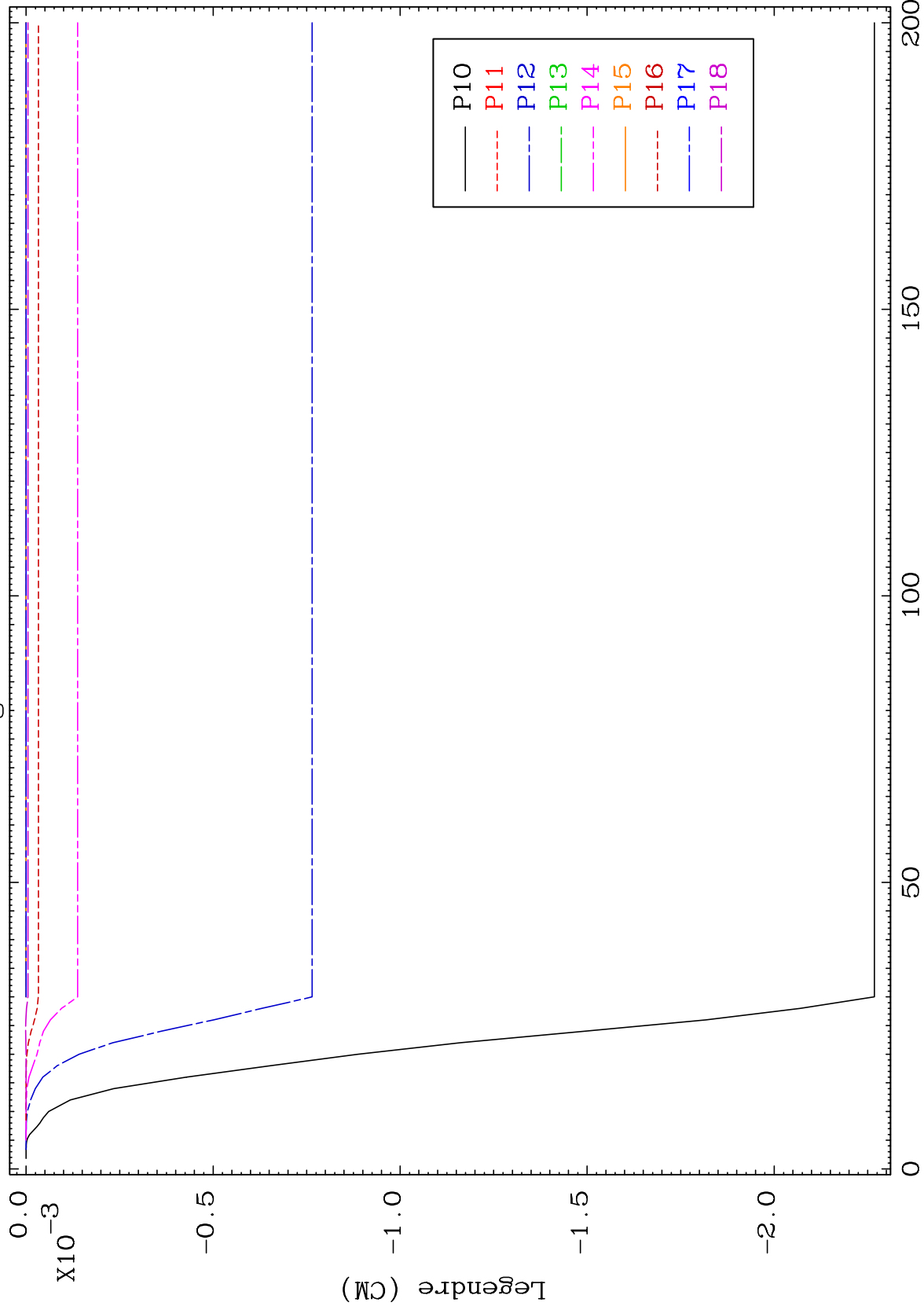
Incident Energy (MeV)

43

MAT 6164

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

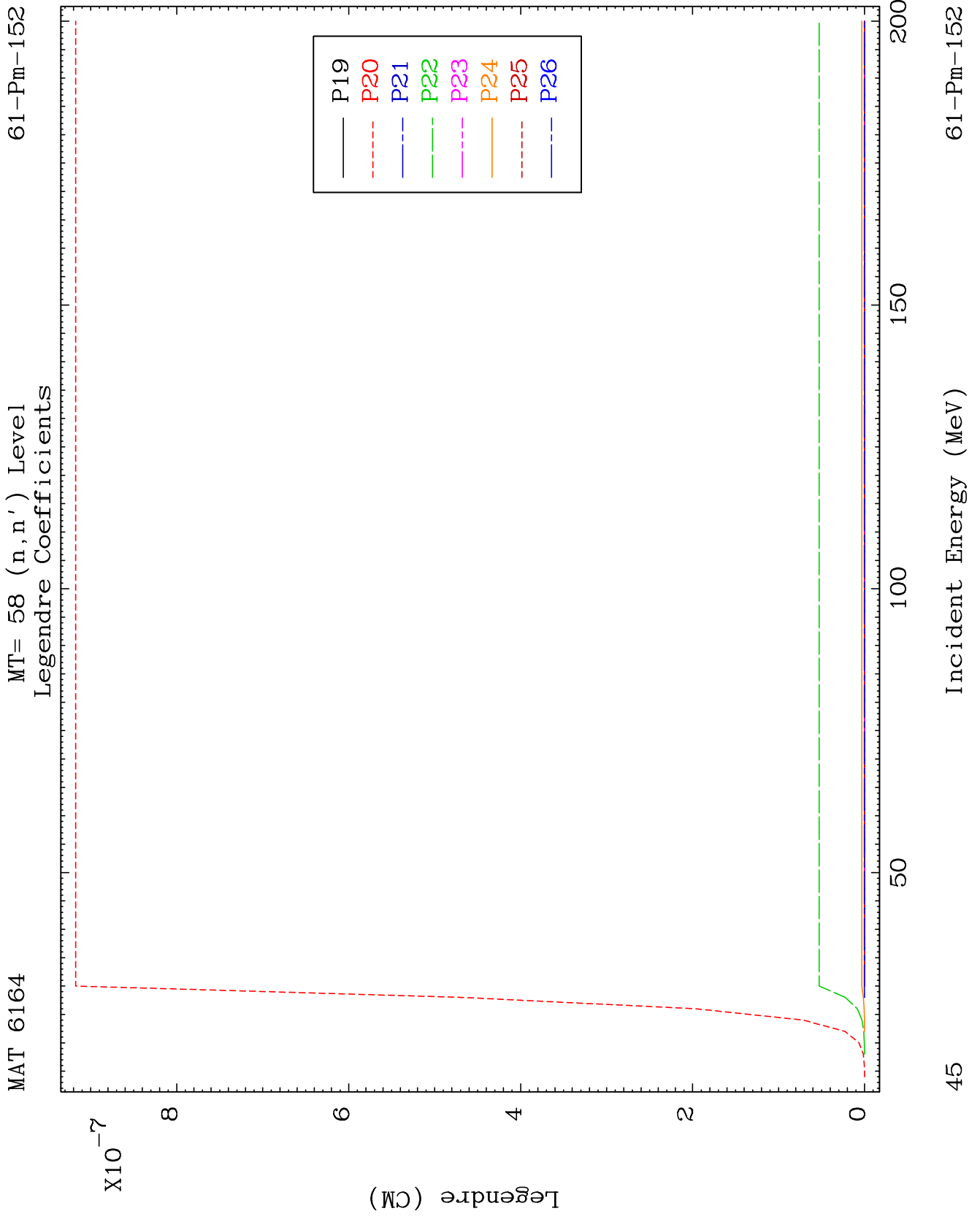
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44

Incident Energy (MeV)

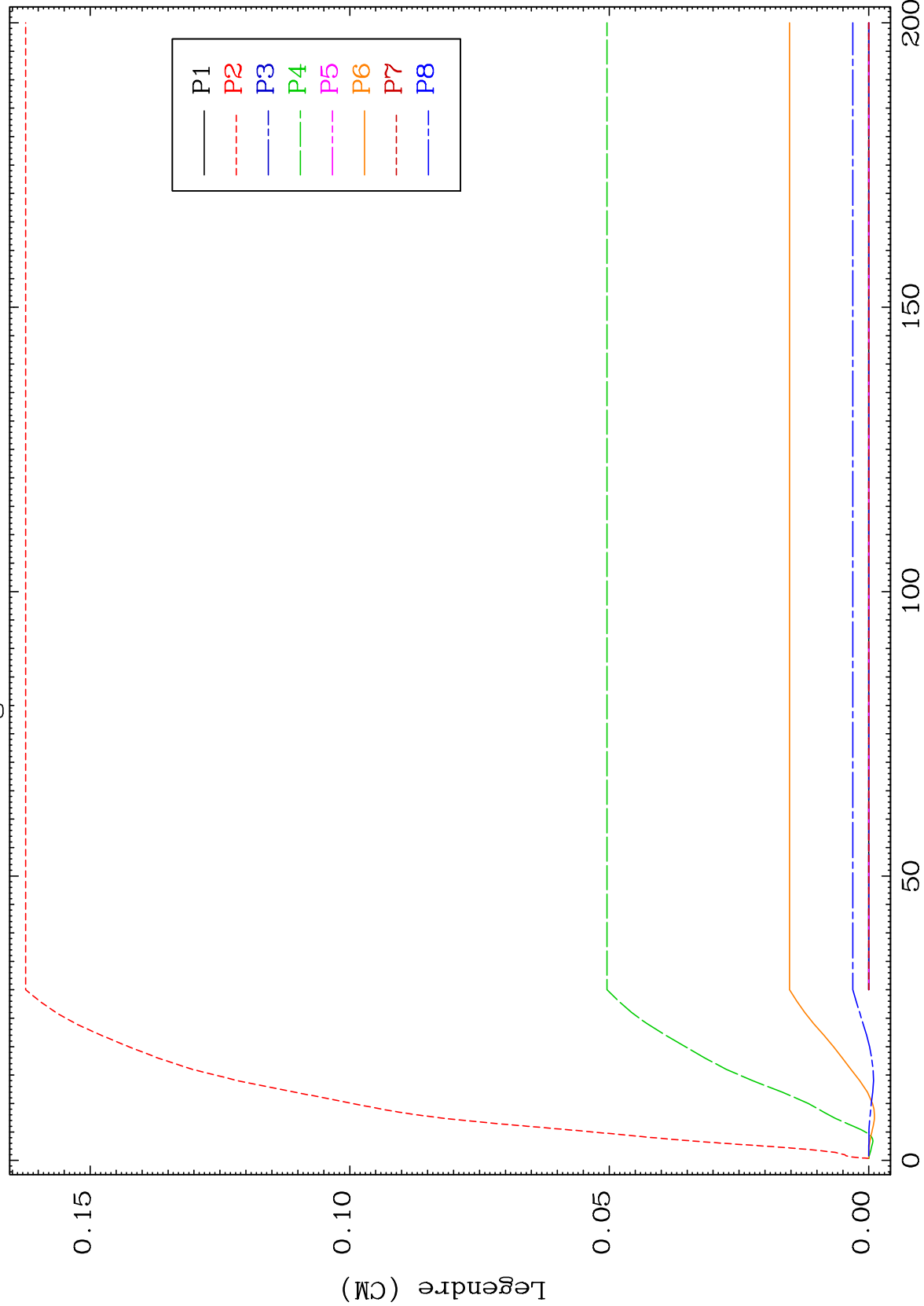
61-Pm-152



MAT 6164

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

61-Pm-152



46

Incident Energy (MeV)

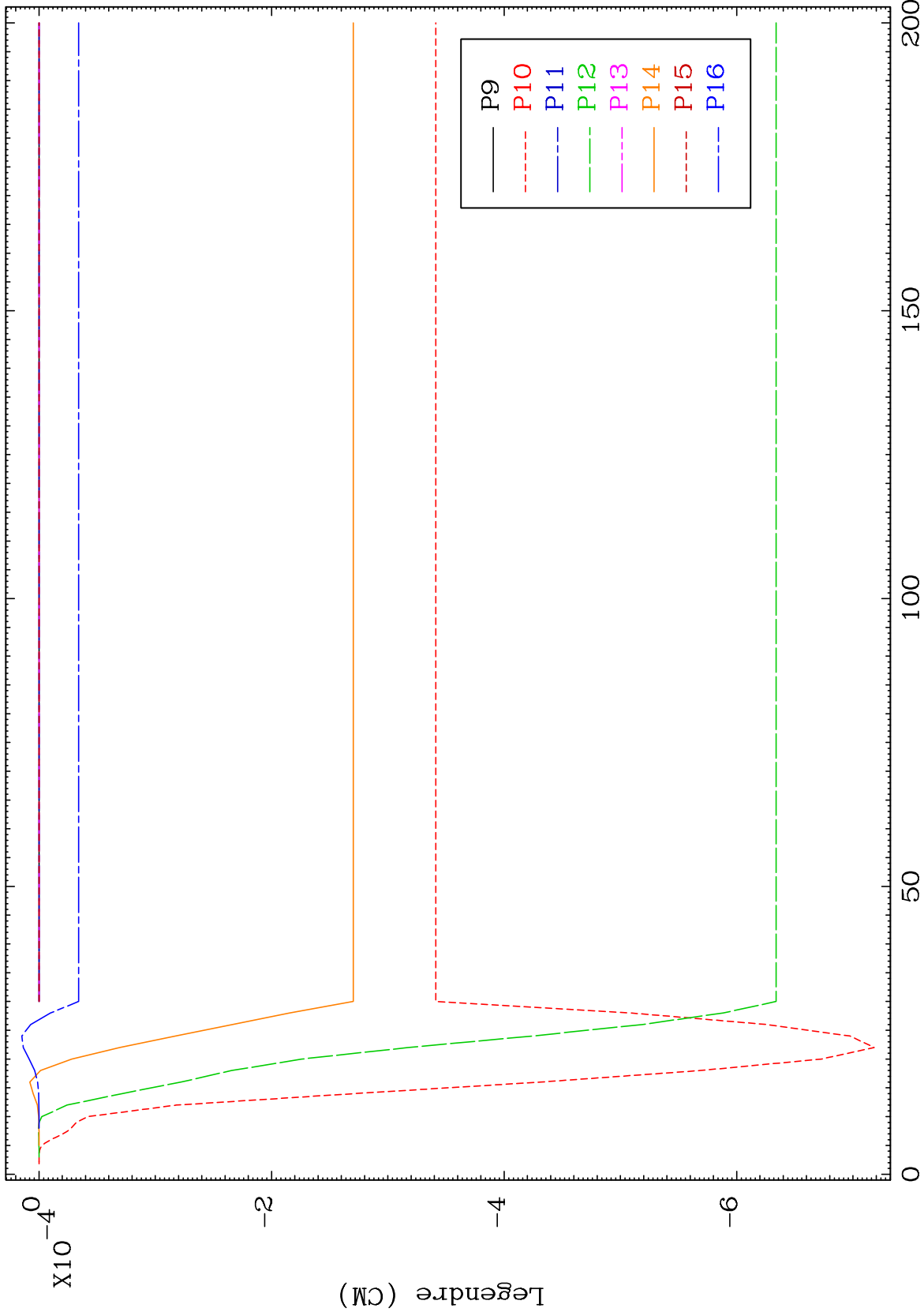
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MAT 6164

MT= 59 (n,n') Level

61-Pm-152

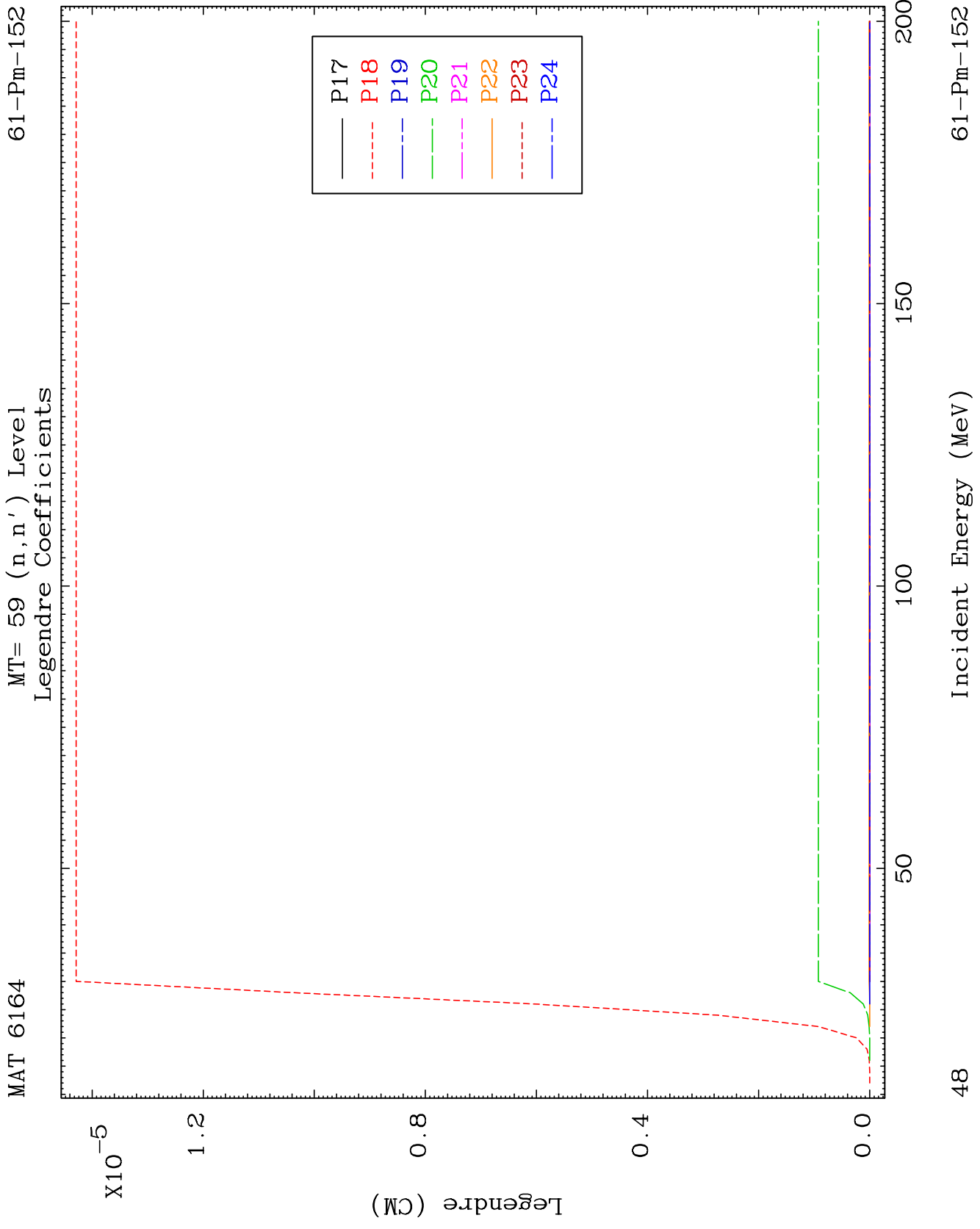
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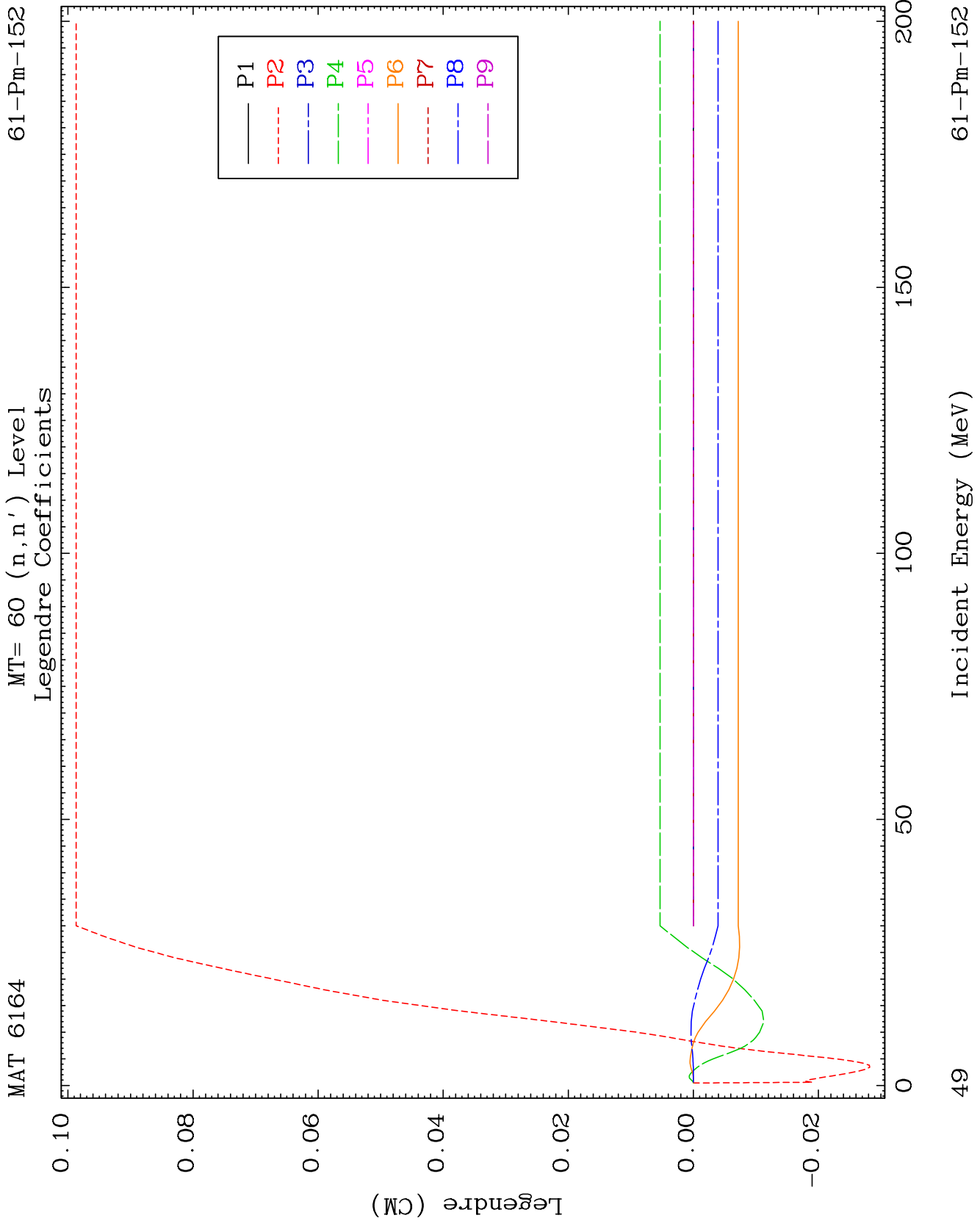


47

Incident Energy (MeV)

61-Pm-152

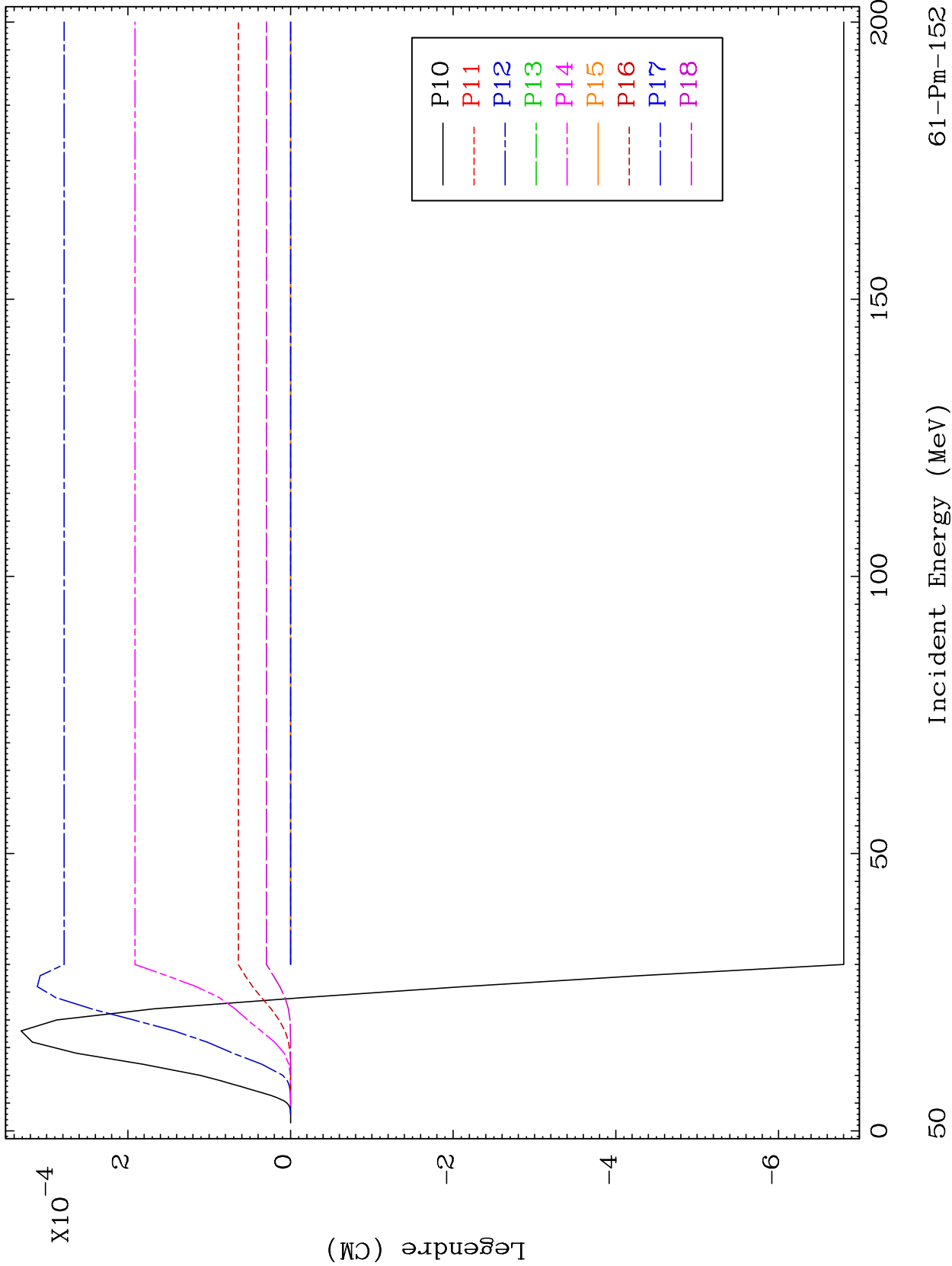




MAT 6164

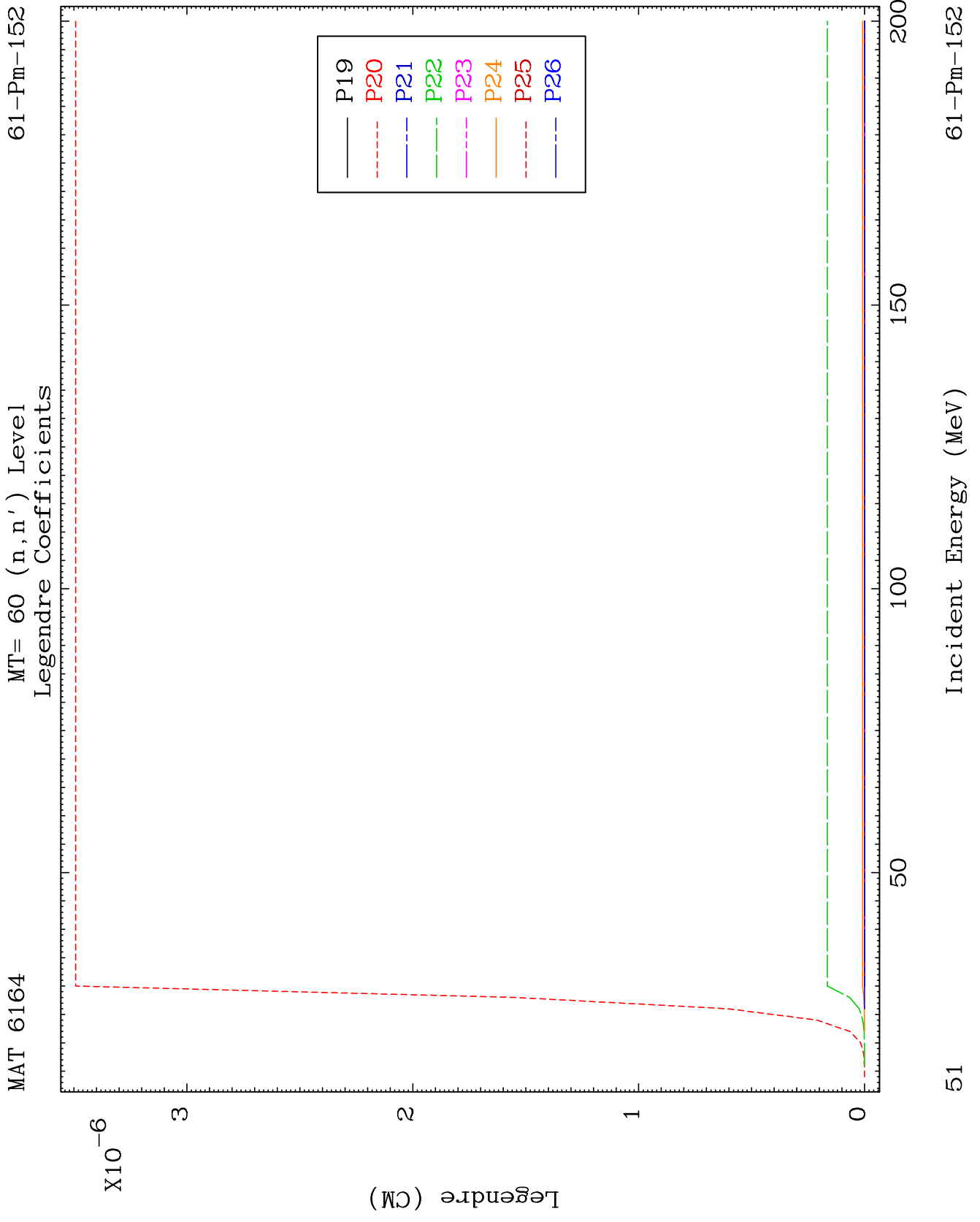
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Legendre Coefficients

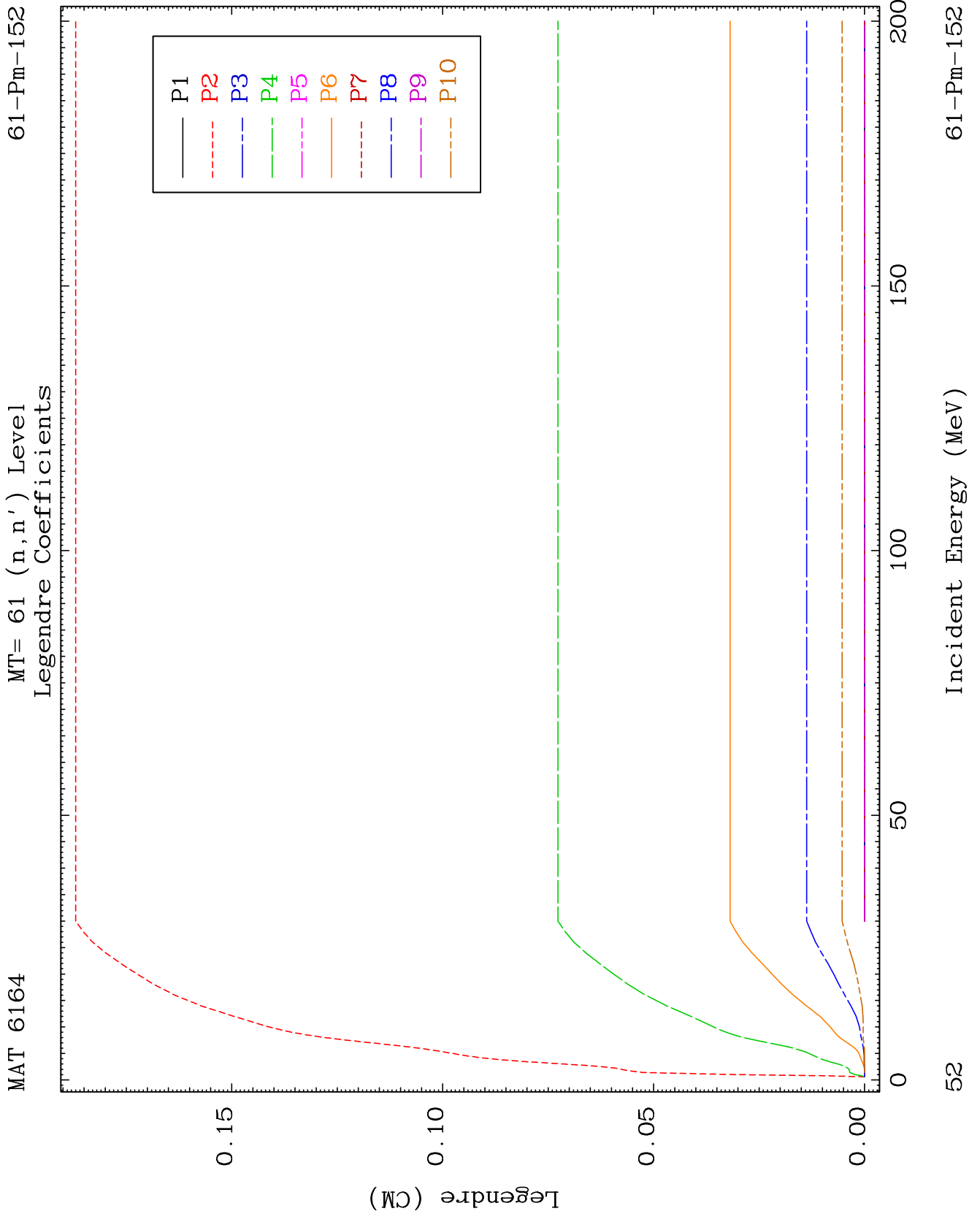
61-Pm-152



61-Pm-152

Incident Energy (MeV)

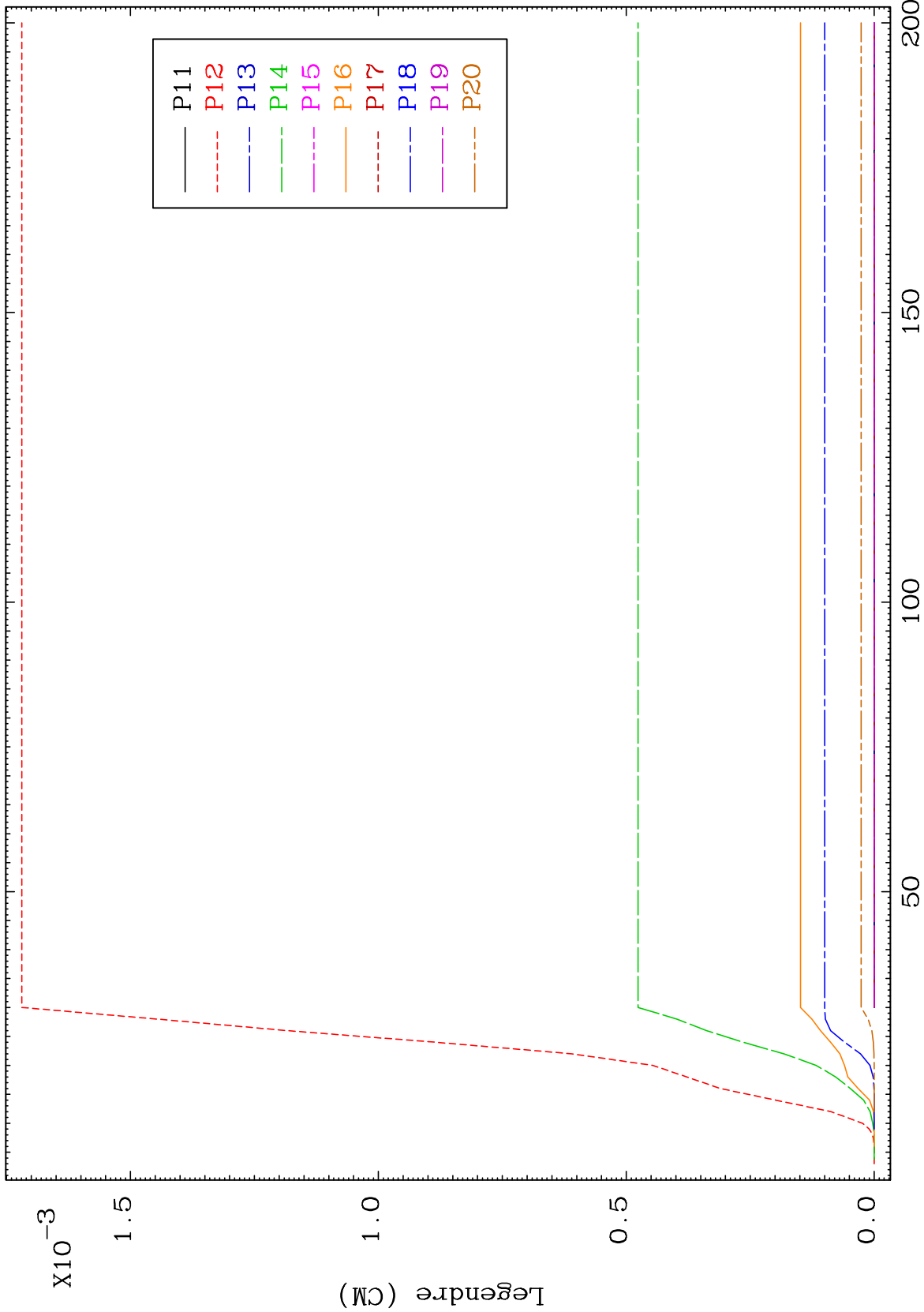




MAT 6164

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

61-Pm-152



53

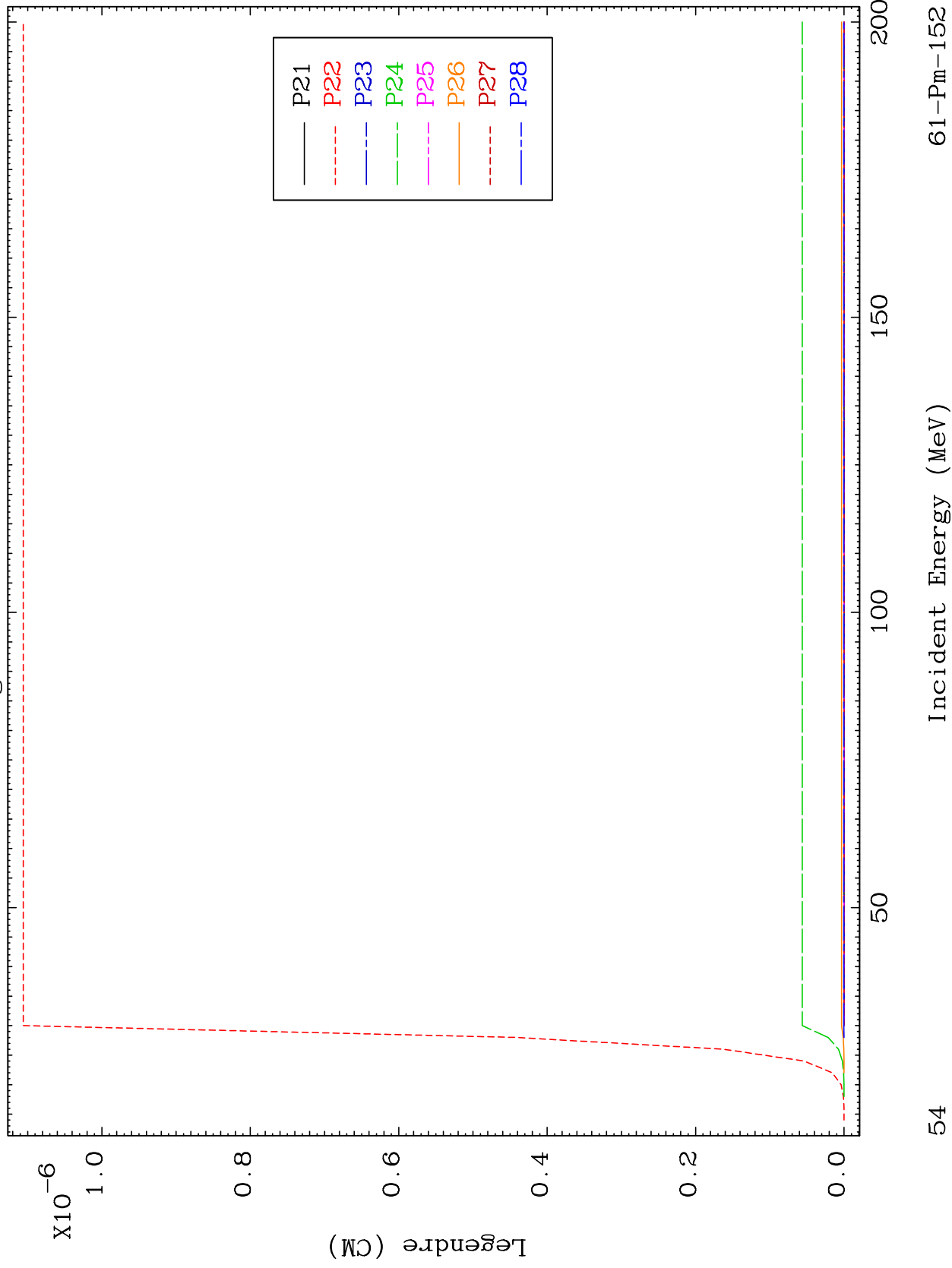
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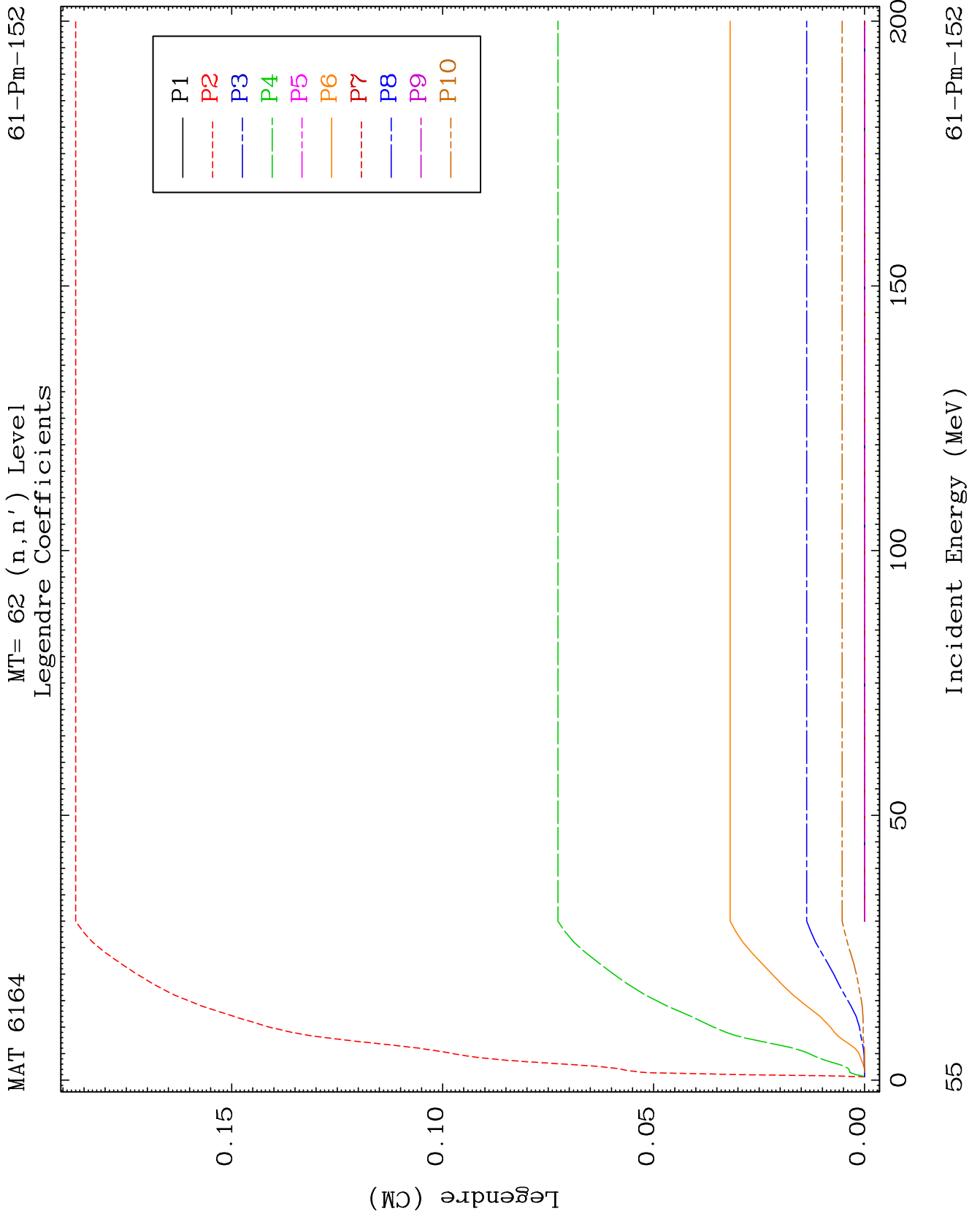
61-Pm-152

MAT 6164

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

61-Pm-152

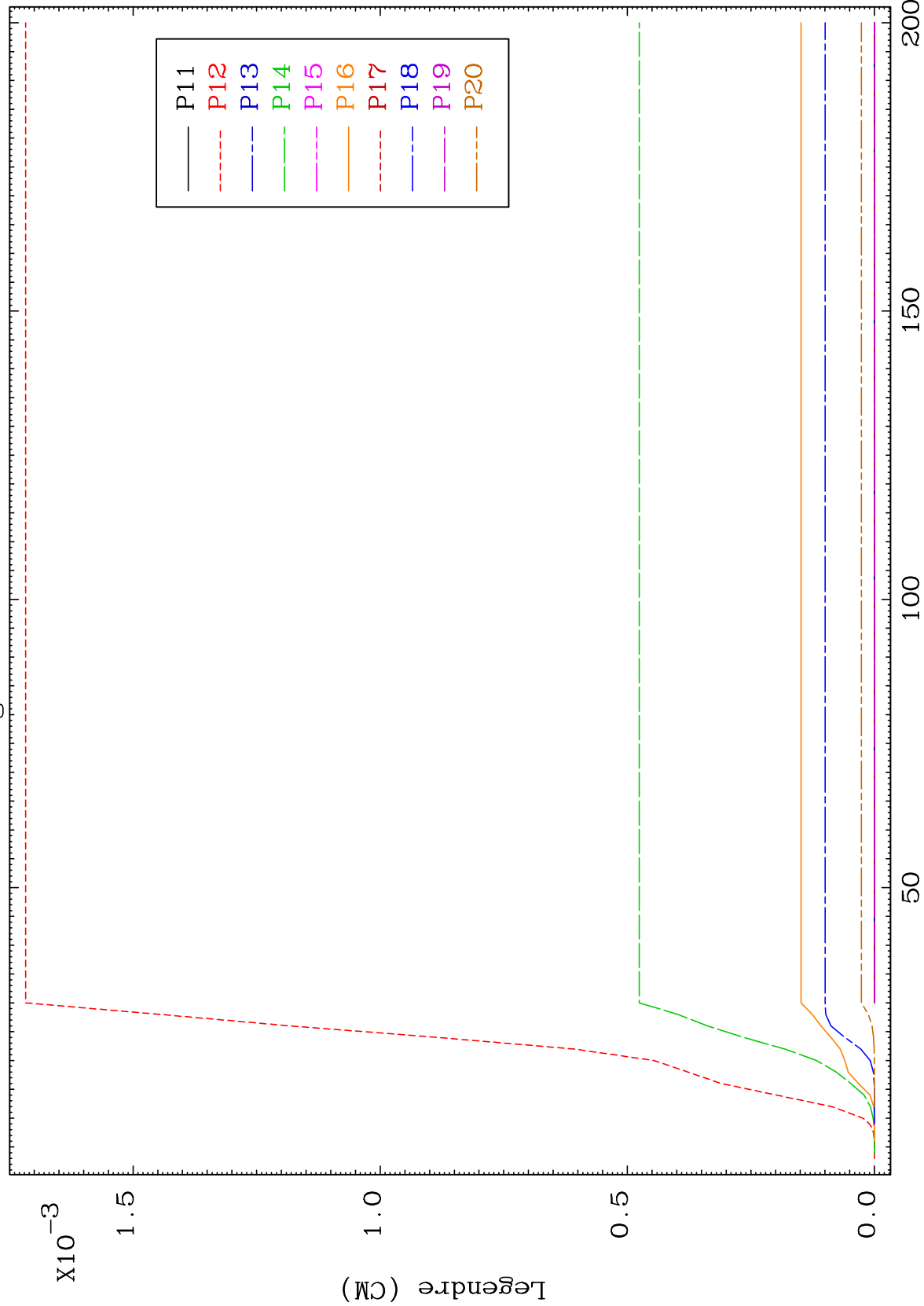




MAT 6164

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

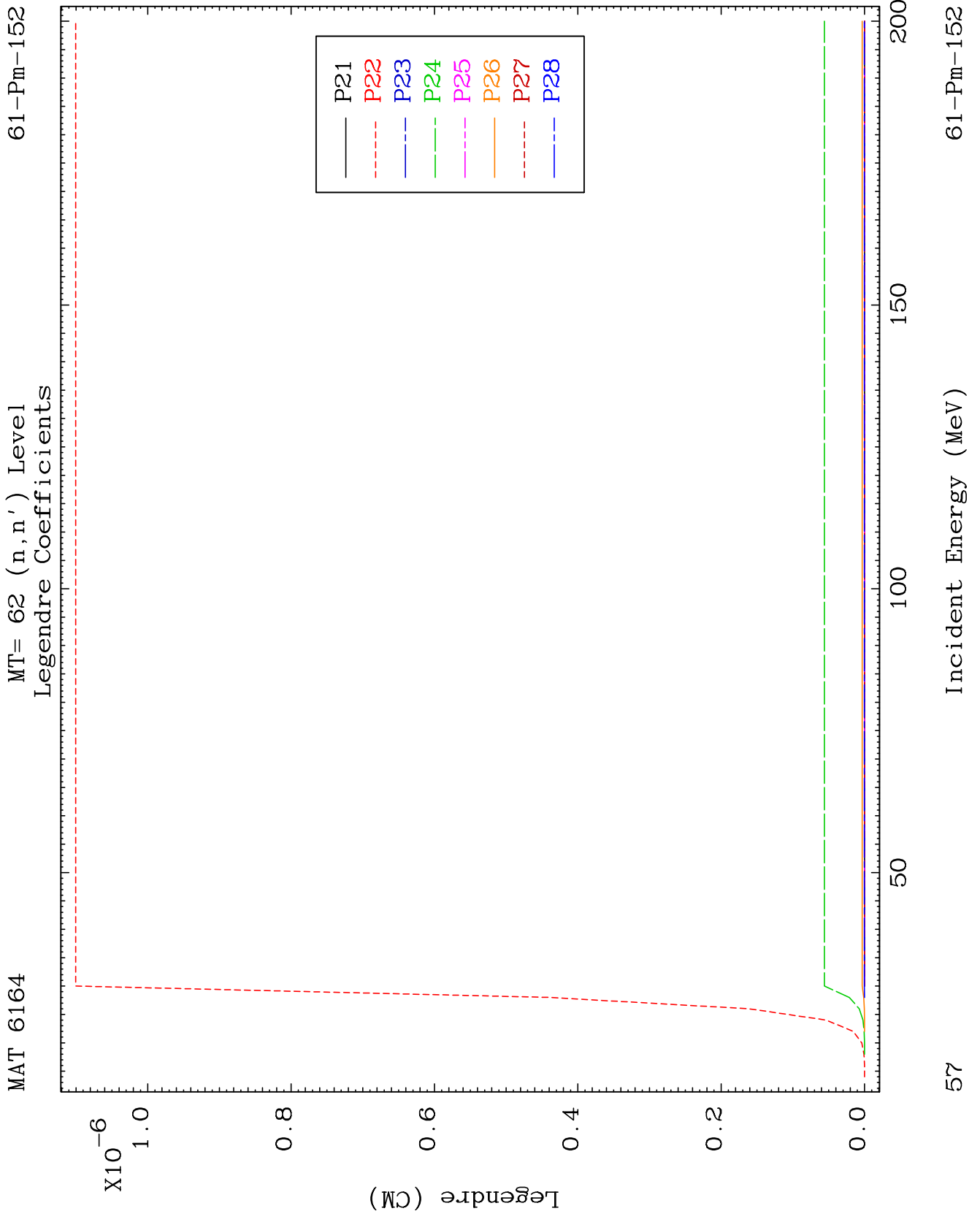
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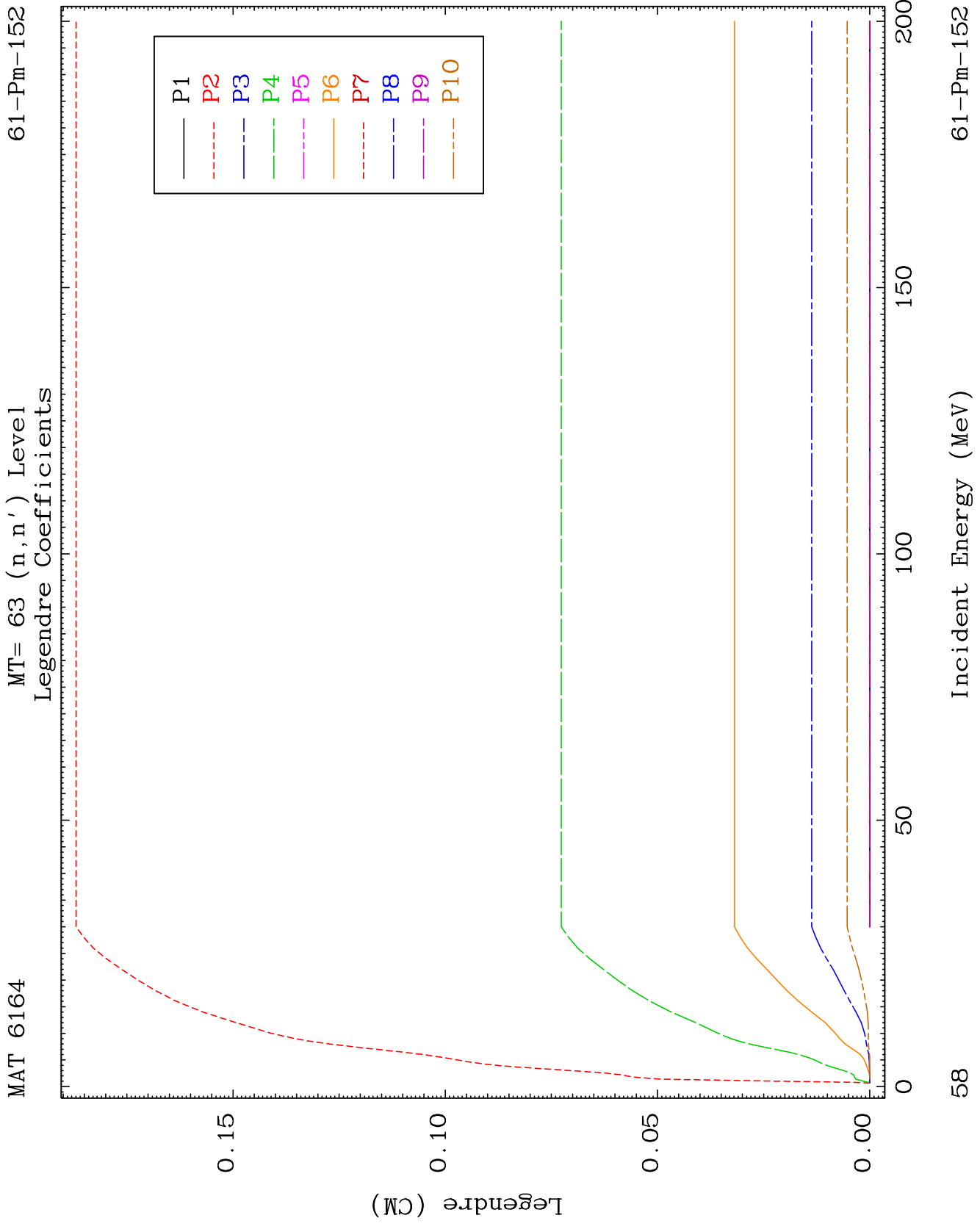


56

Incident Energy (MeV)

61-Pm-152





61-Pm-152

Incident Energy (MeV)

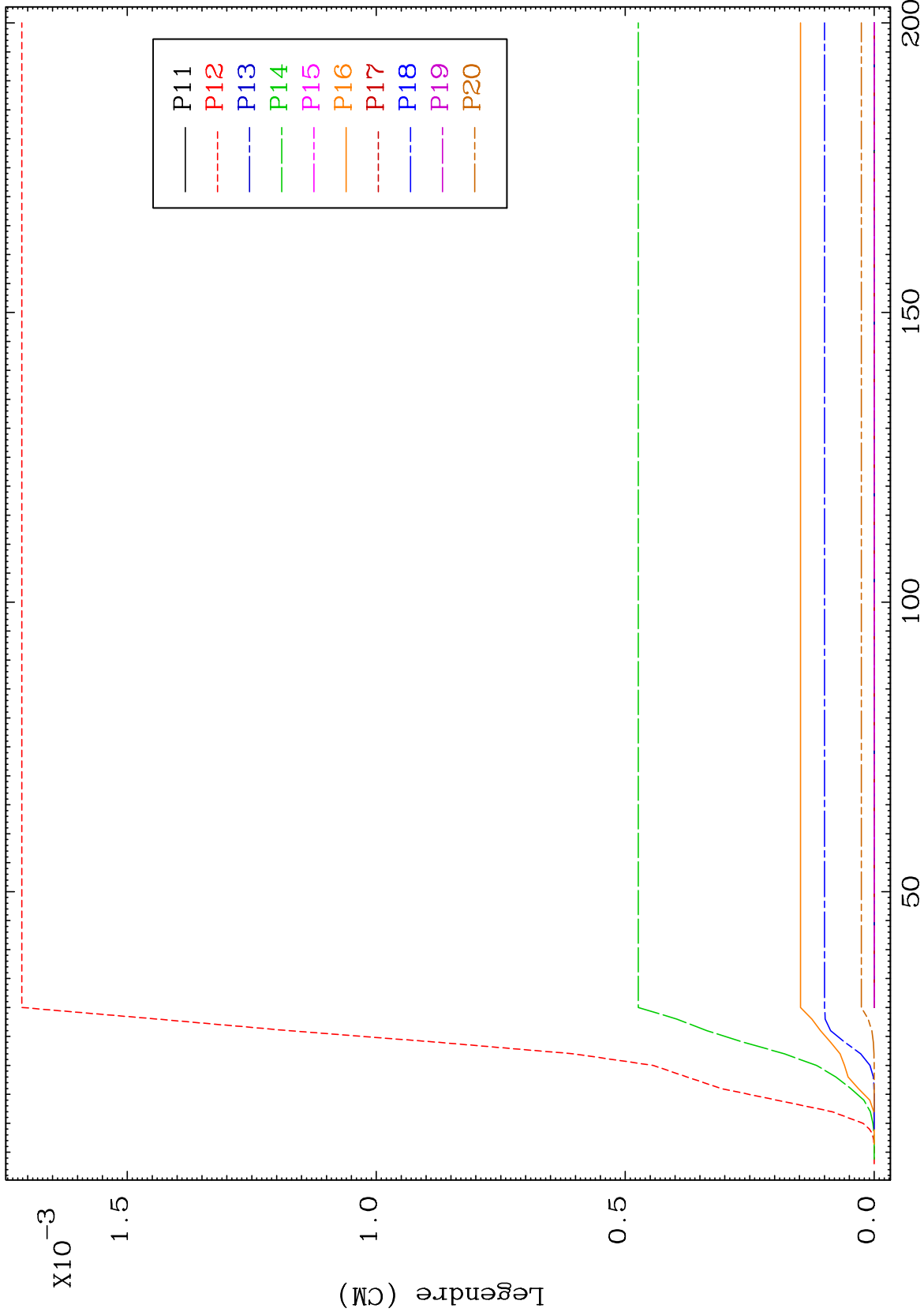
58

MAT 6164

MT= 63 (n,n') Level

61-Pm-152

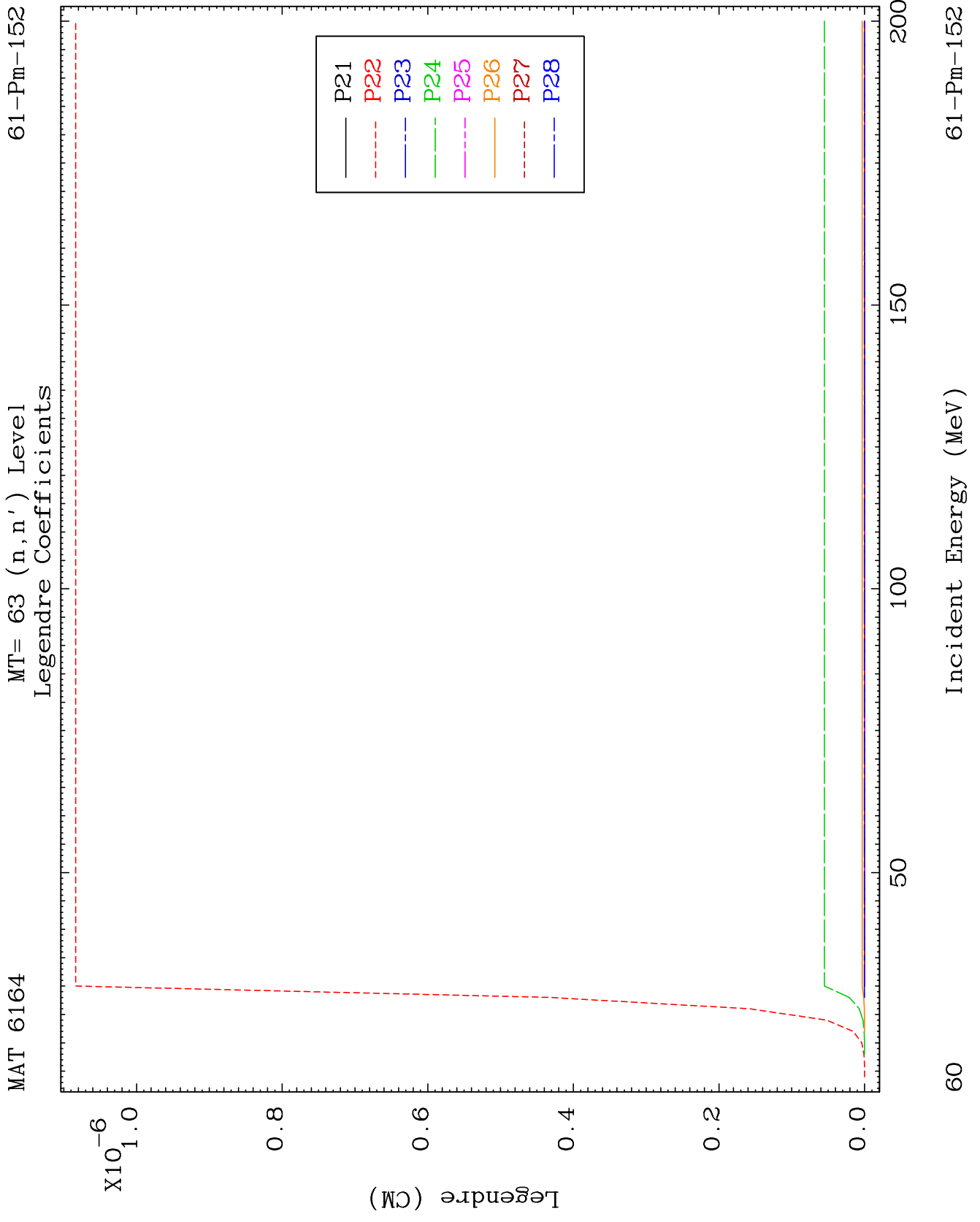
Legendre Coefficients



59

Incident Energy (MeV)

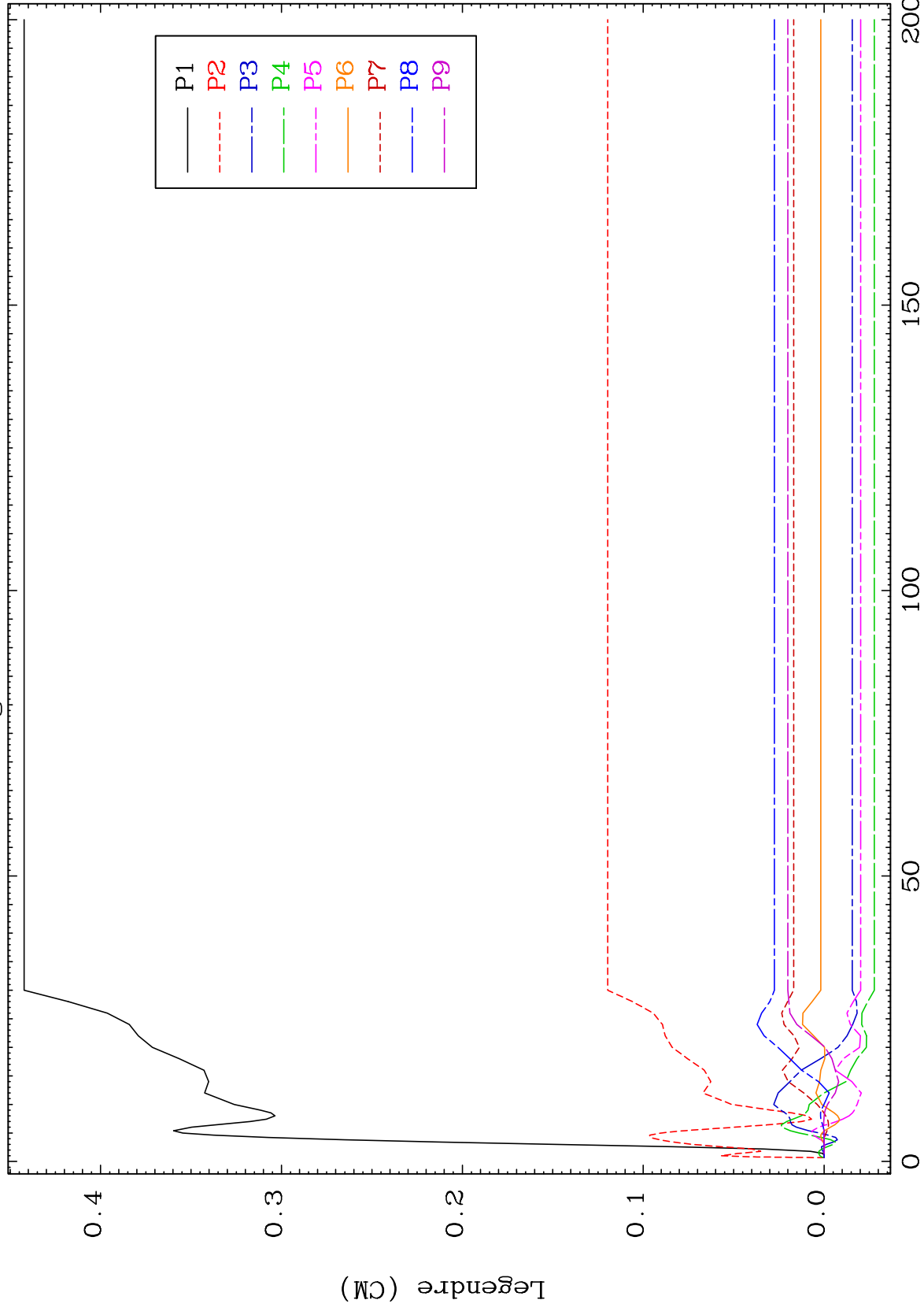
61-Pm-152



MAT 6164

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

61-Pm-152



61

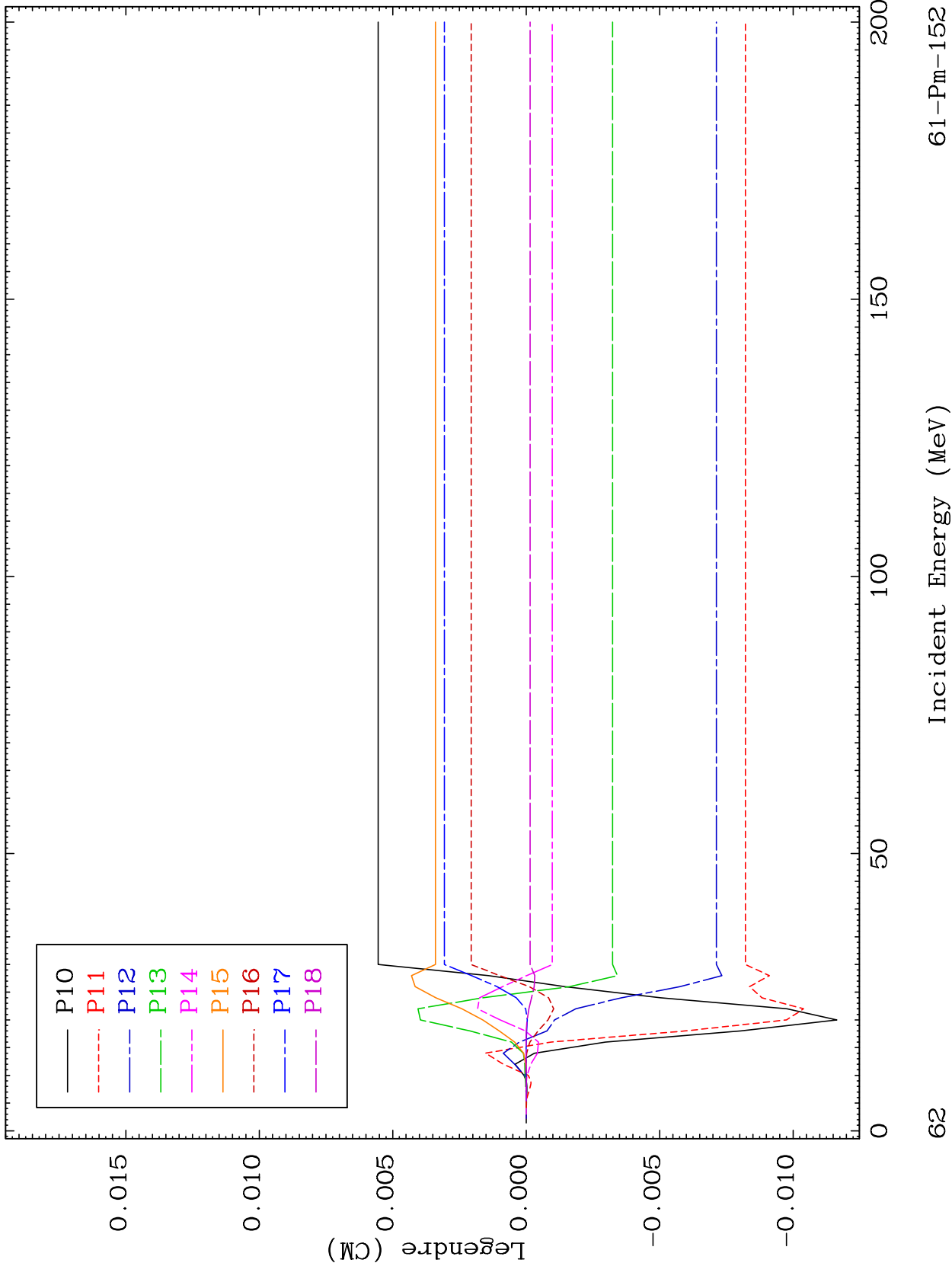
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152

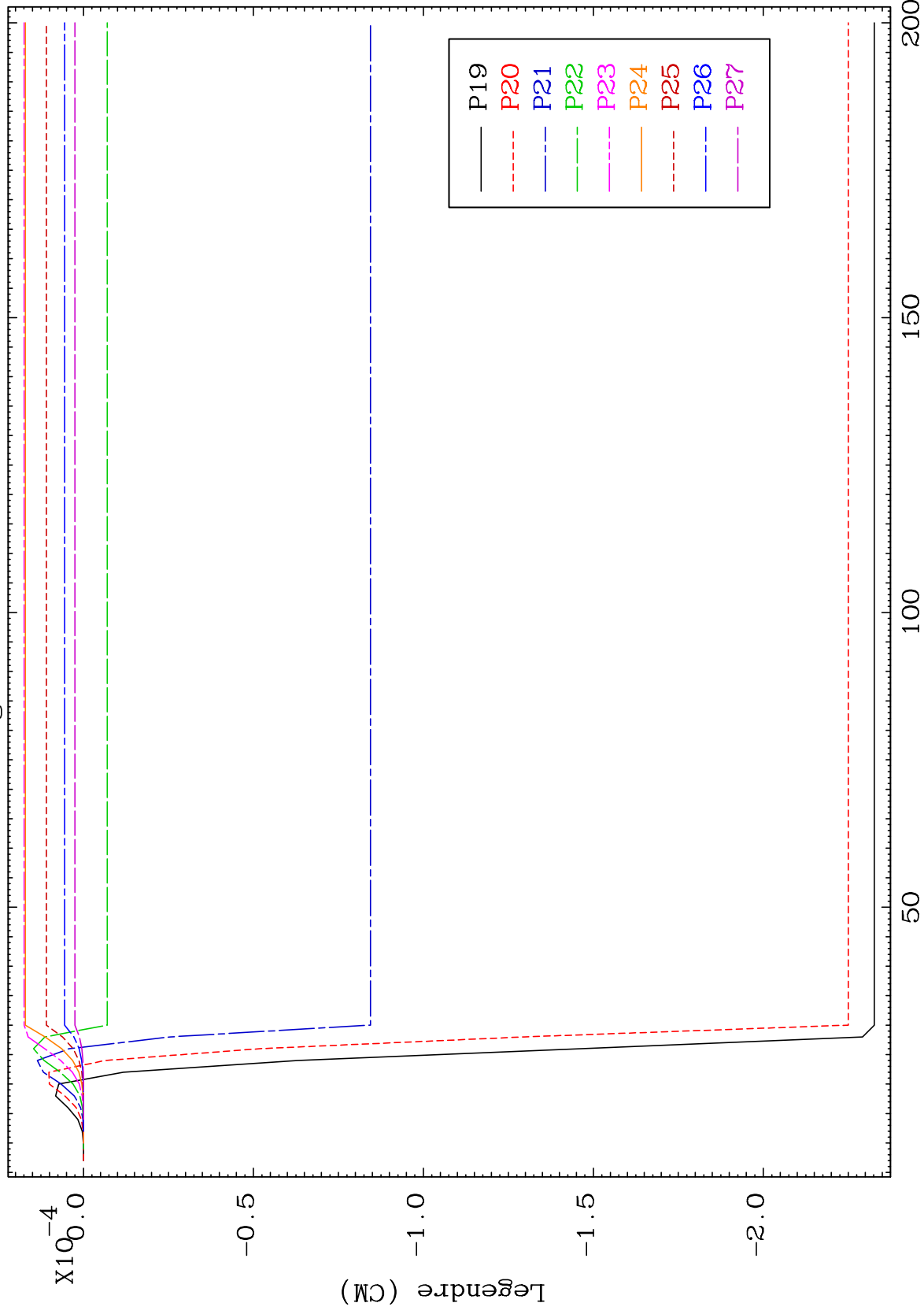


62

MAT 6164

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

61-Pm-152



63

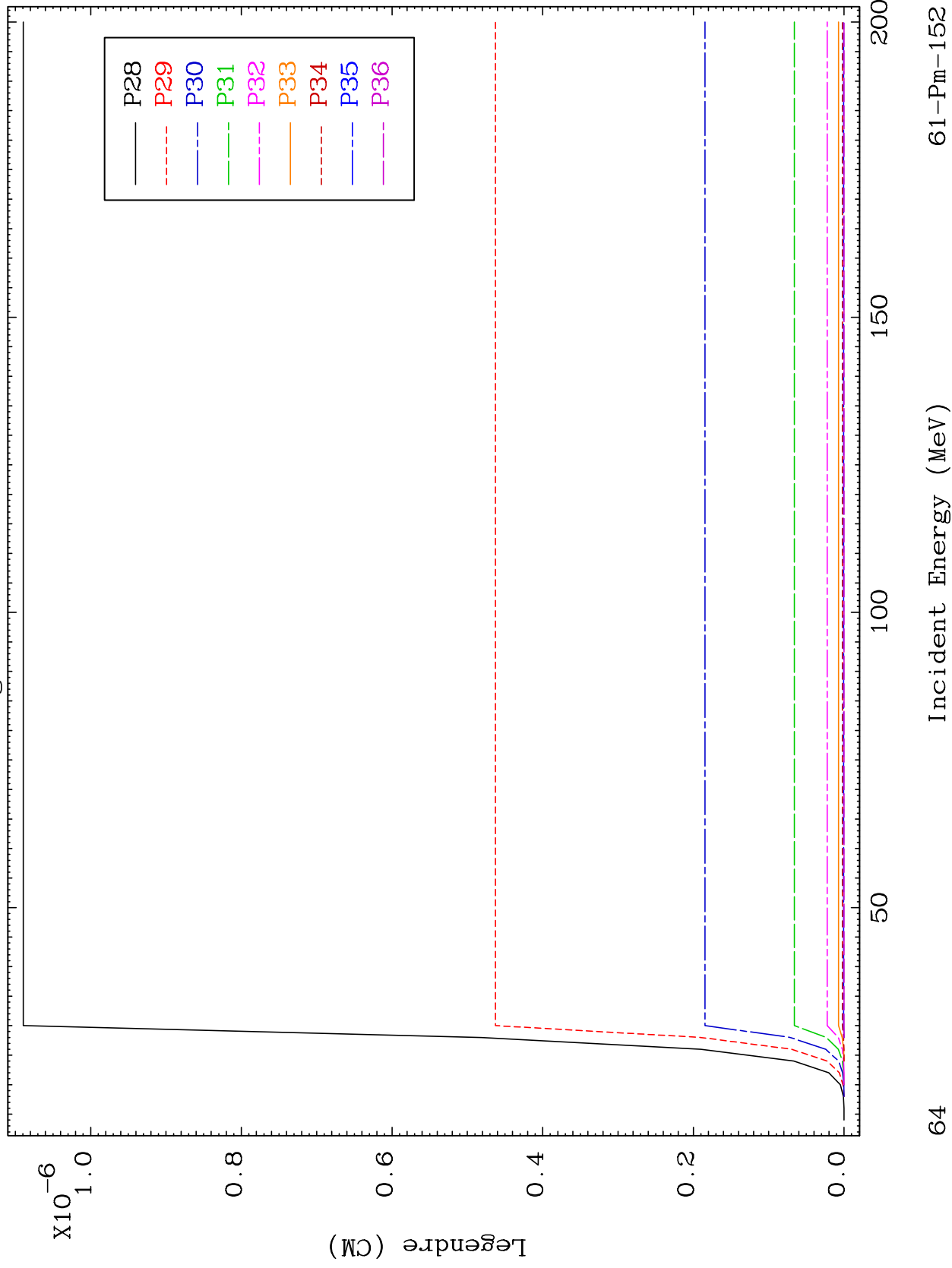
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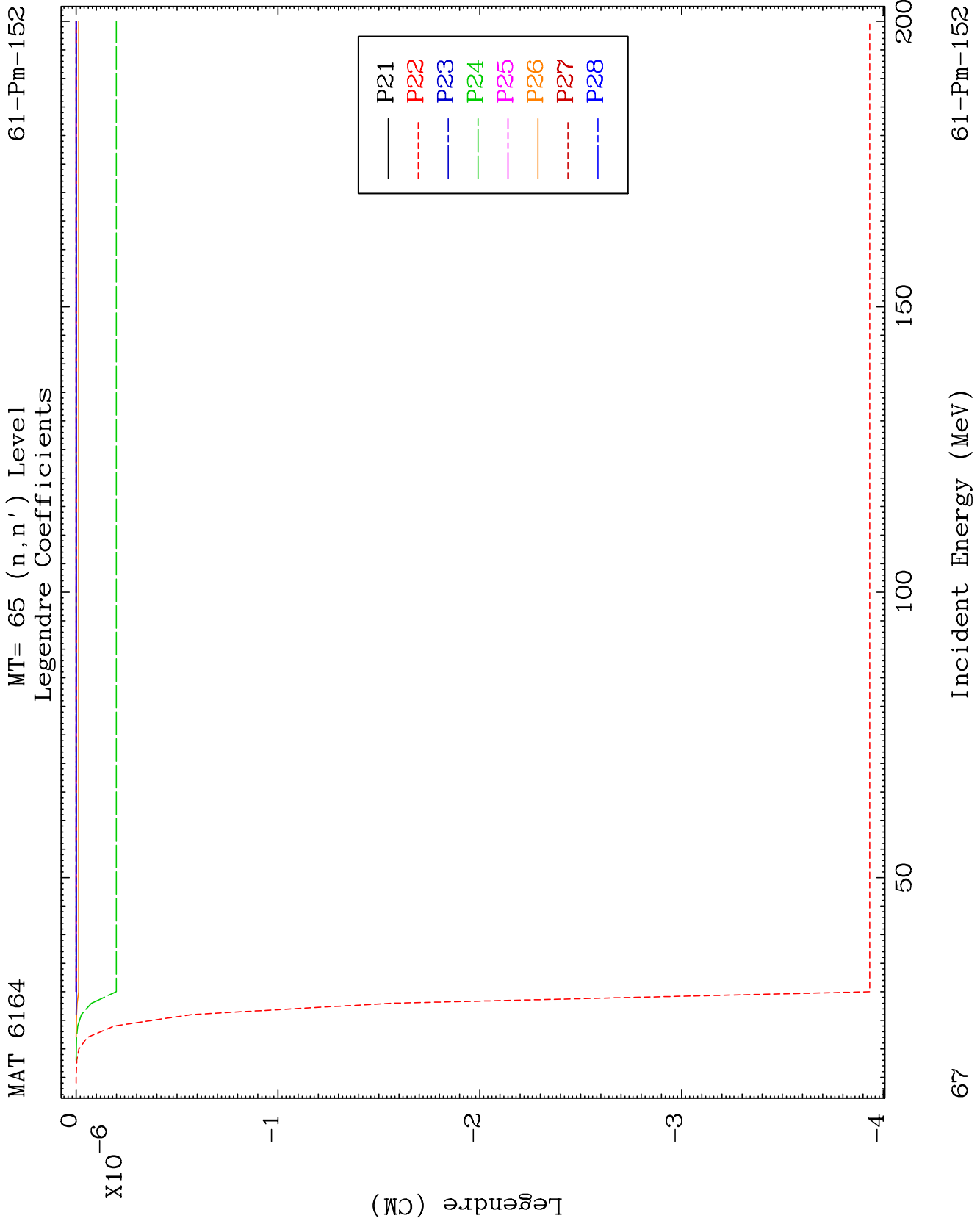
61-Pm-152

MAT 6164

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

61-Pm-152

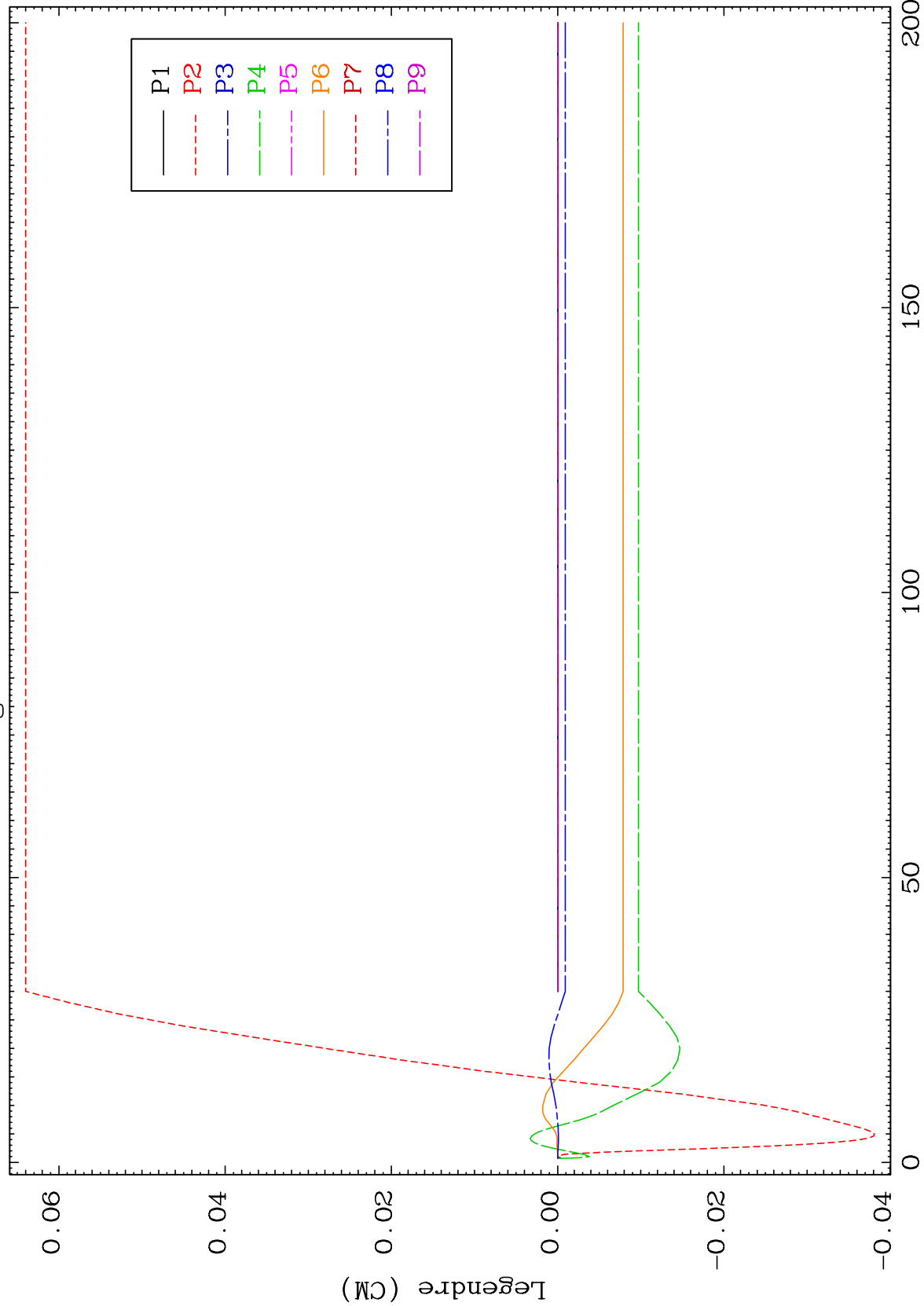




MAT 6164

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

61-Pm-152



68

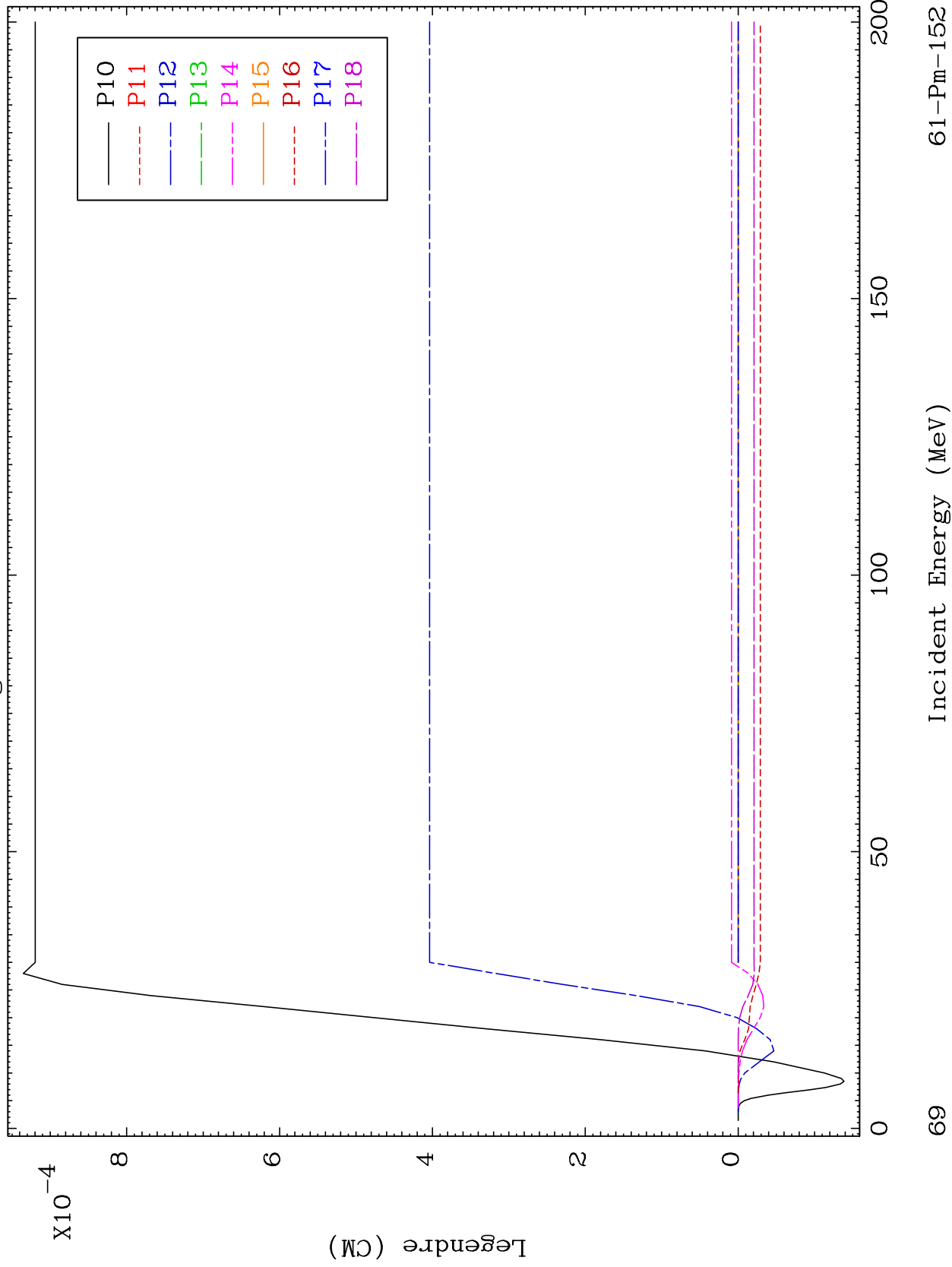
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

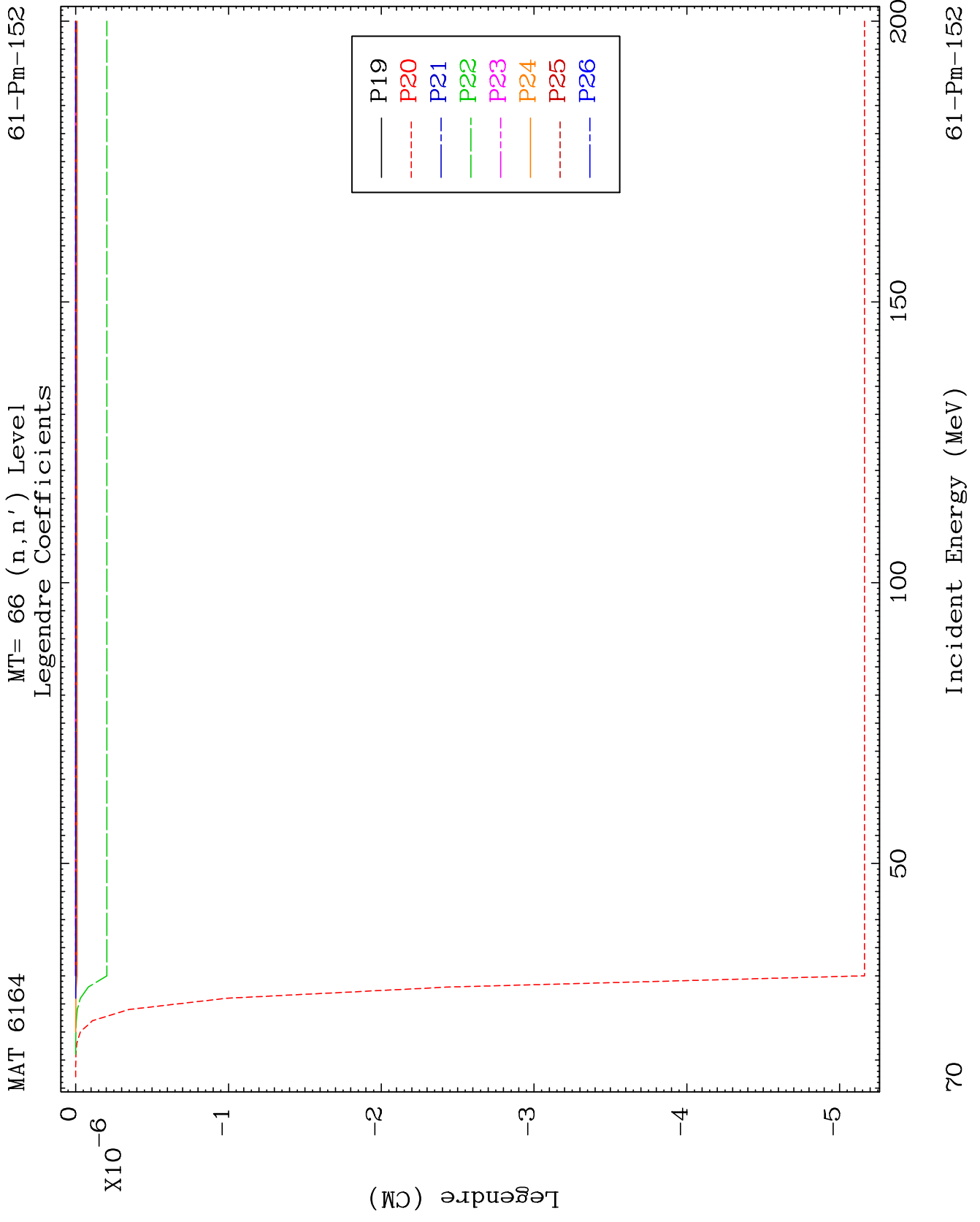
61-Pm-152



61-Pm-152

Incident Energy (MeV)

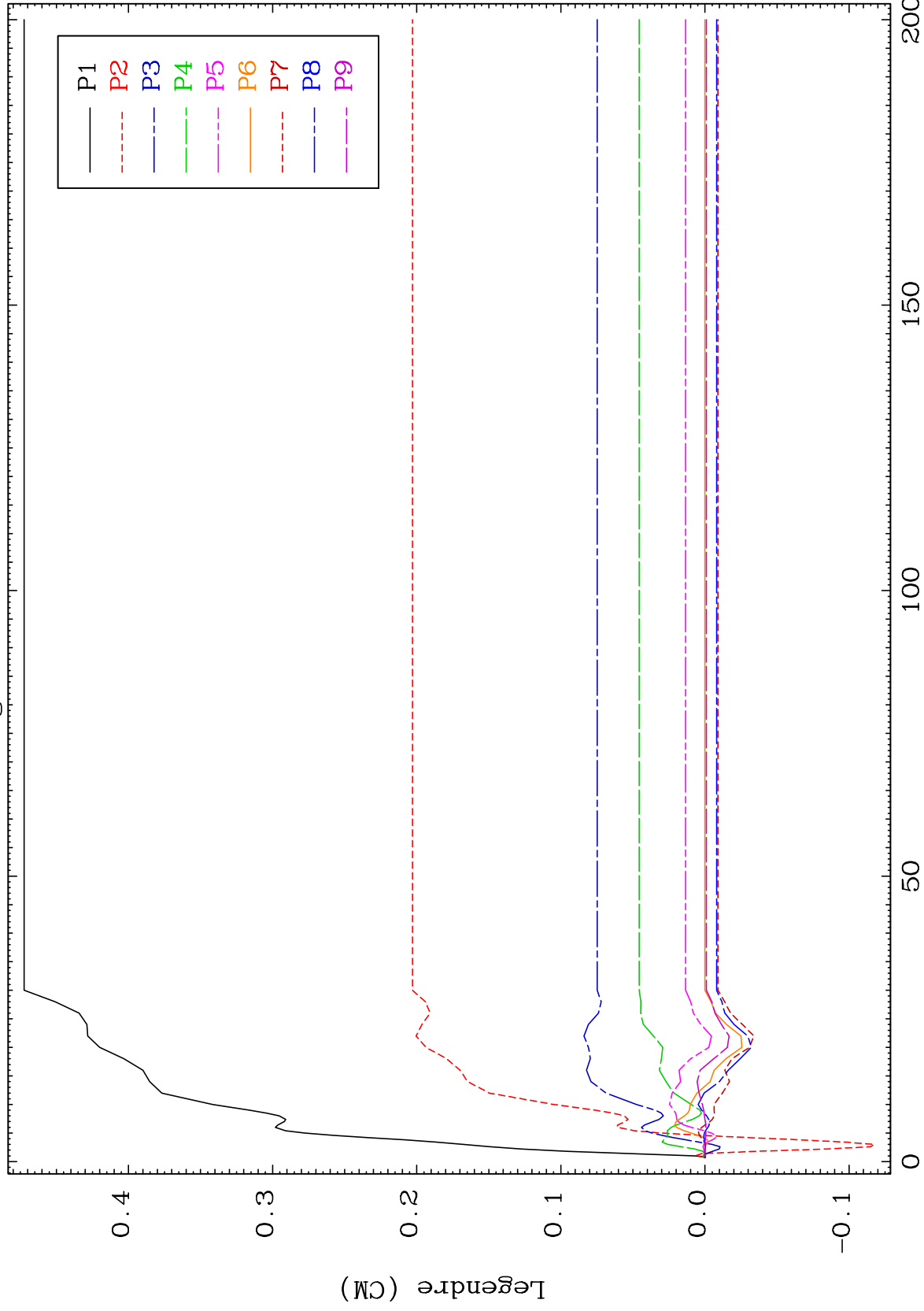
69



MAT 6164

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

61-Pm-152



71

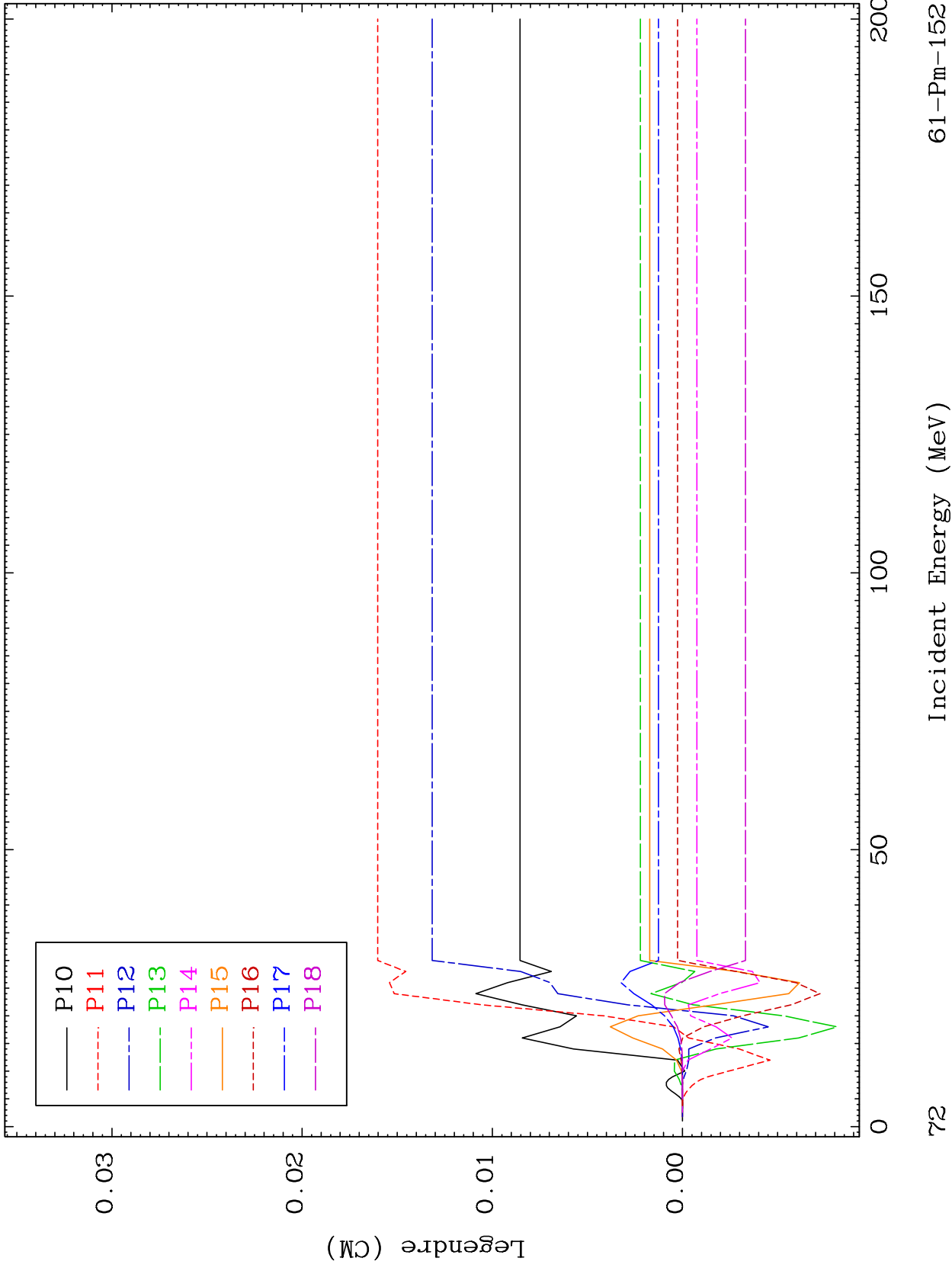
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

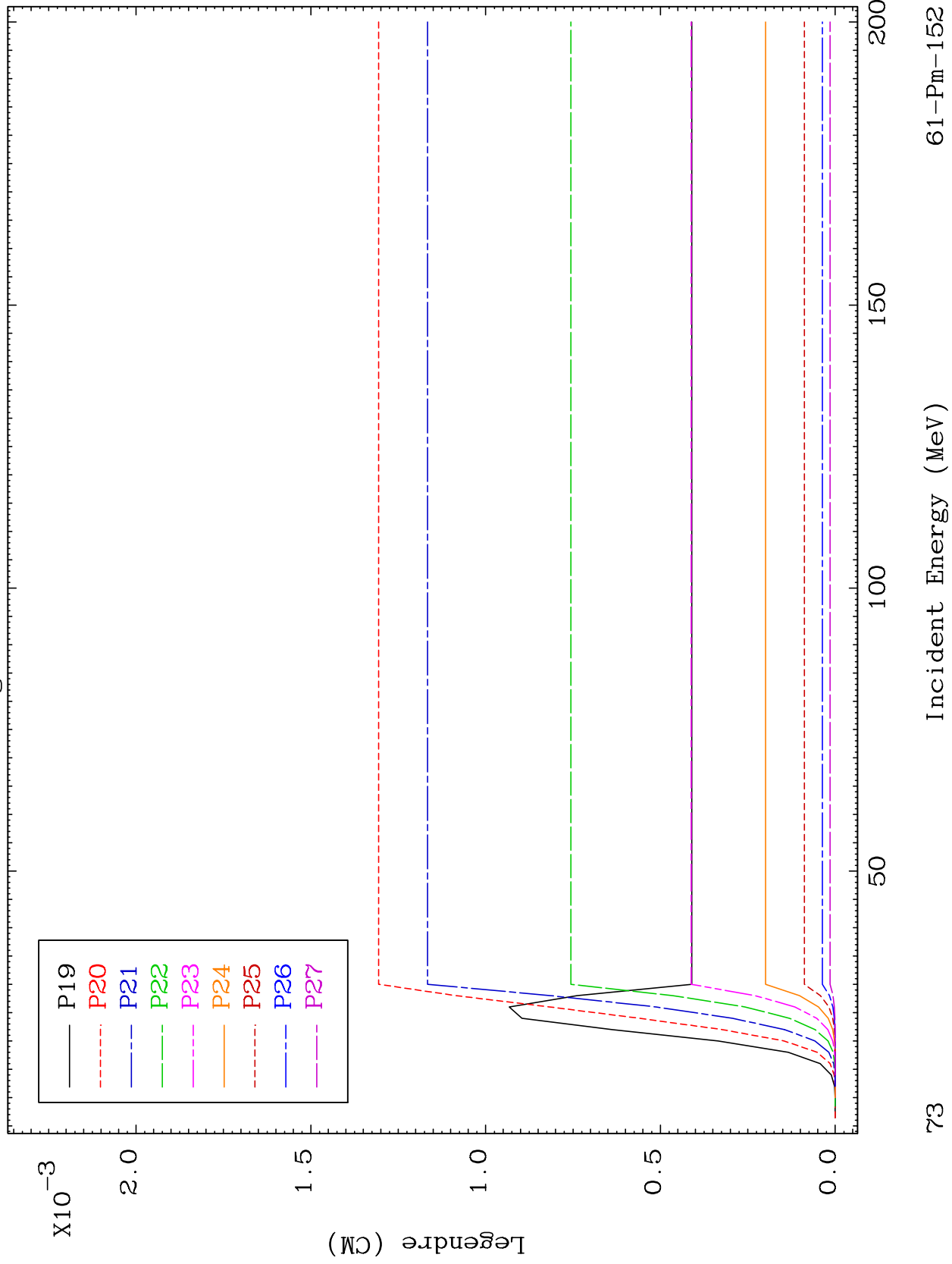
61-Pm-152



MAT 6164

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

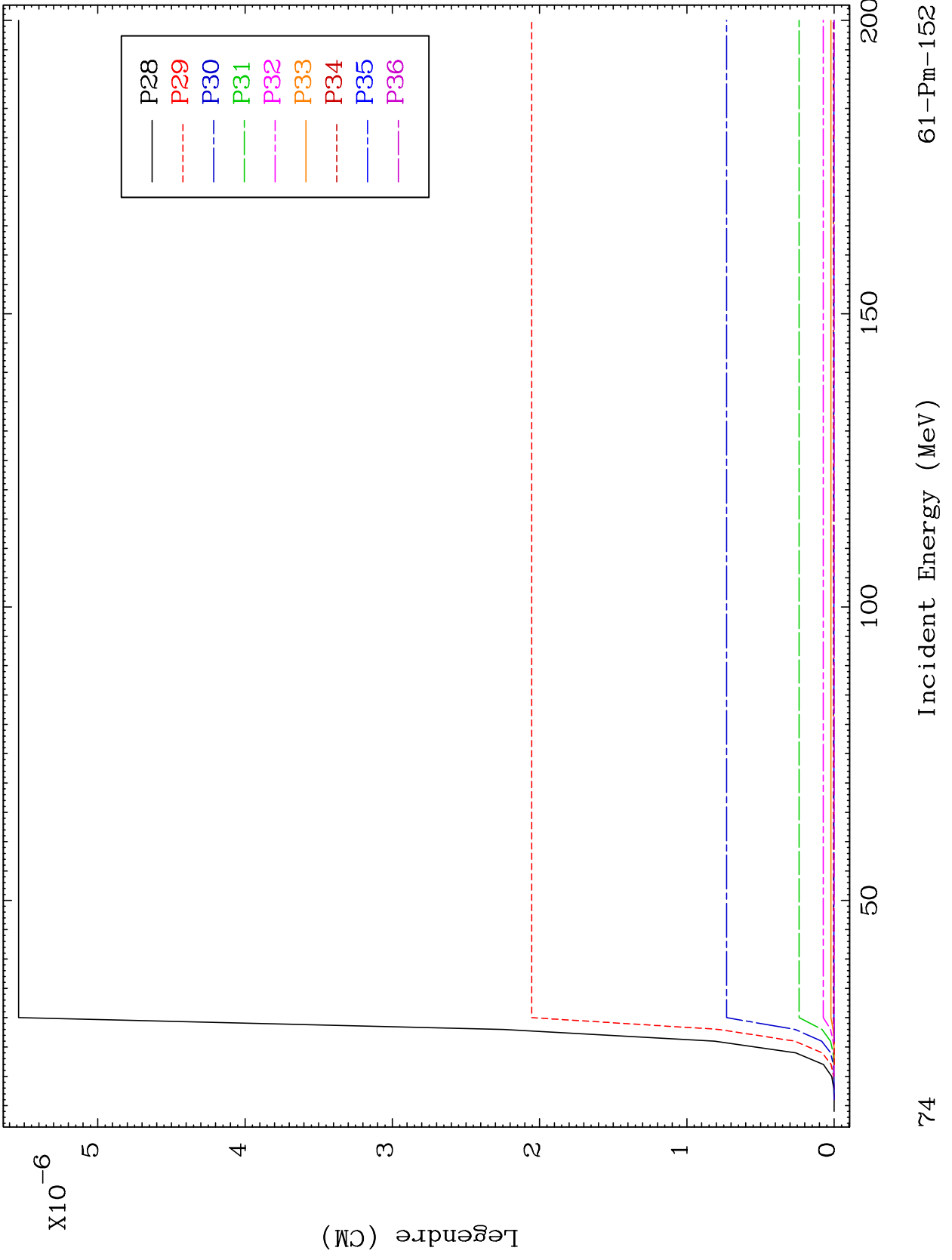
61-Pm-152



MAT 6164

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

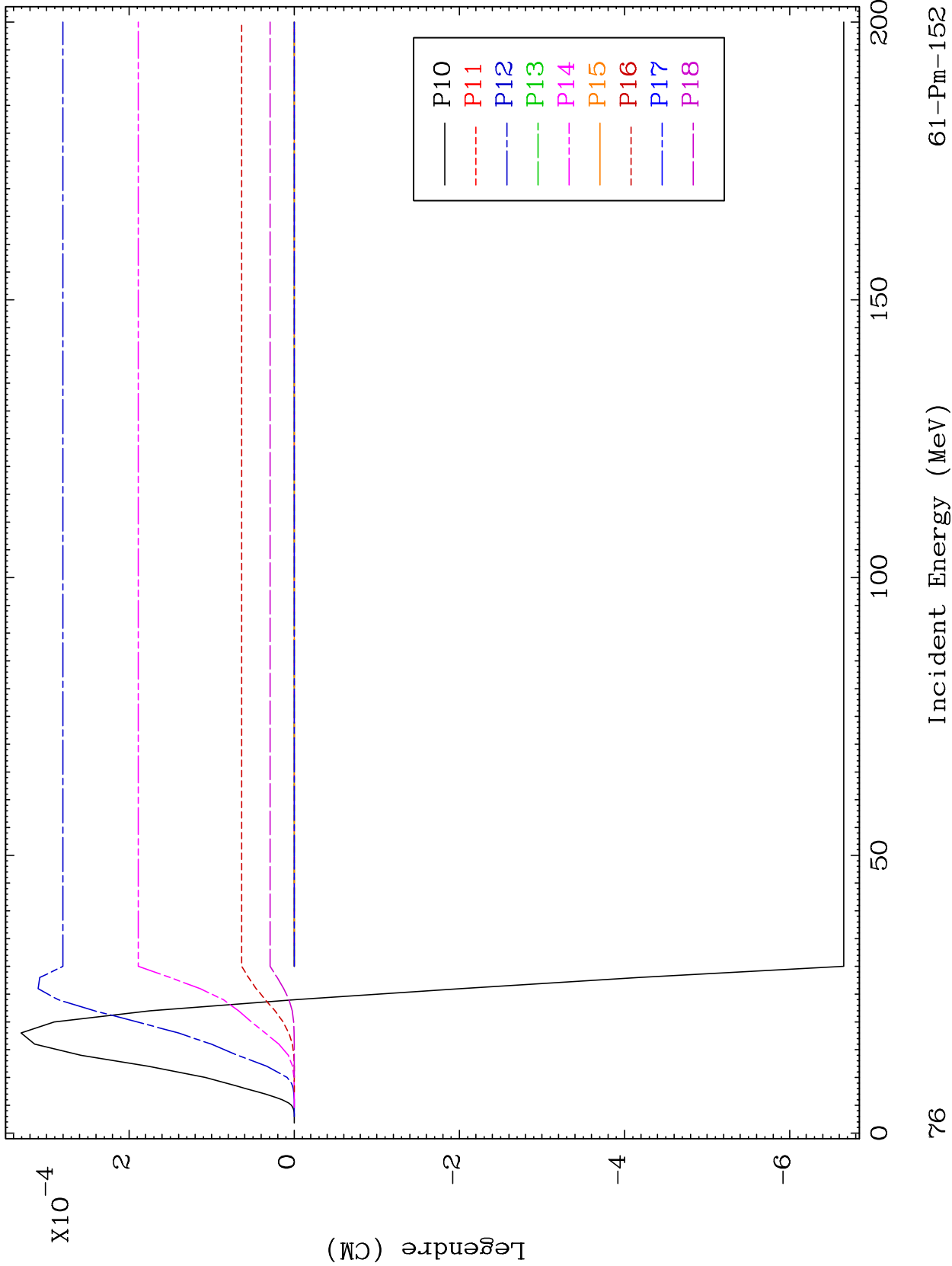
61-Pm-152



MAT 6164

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

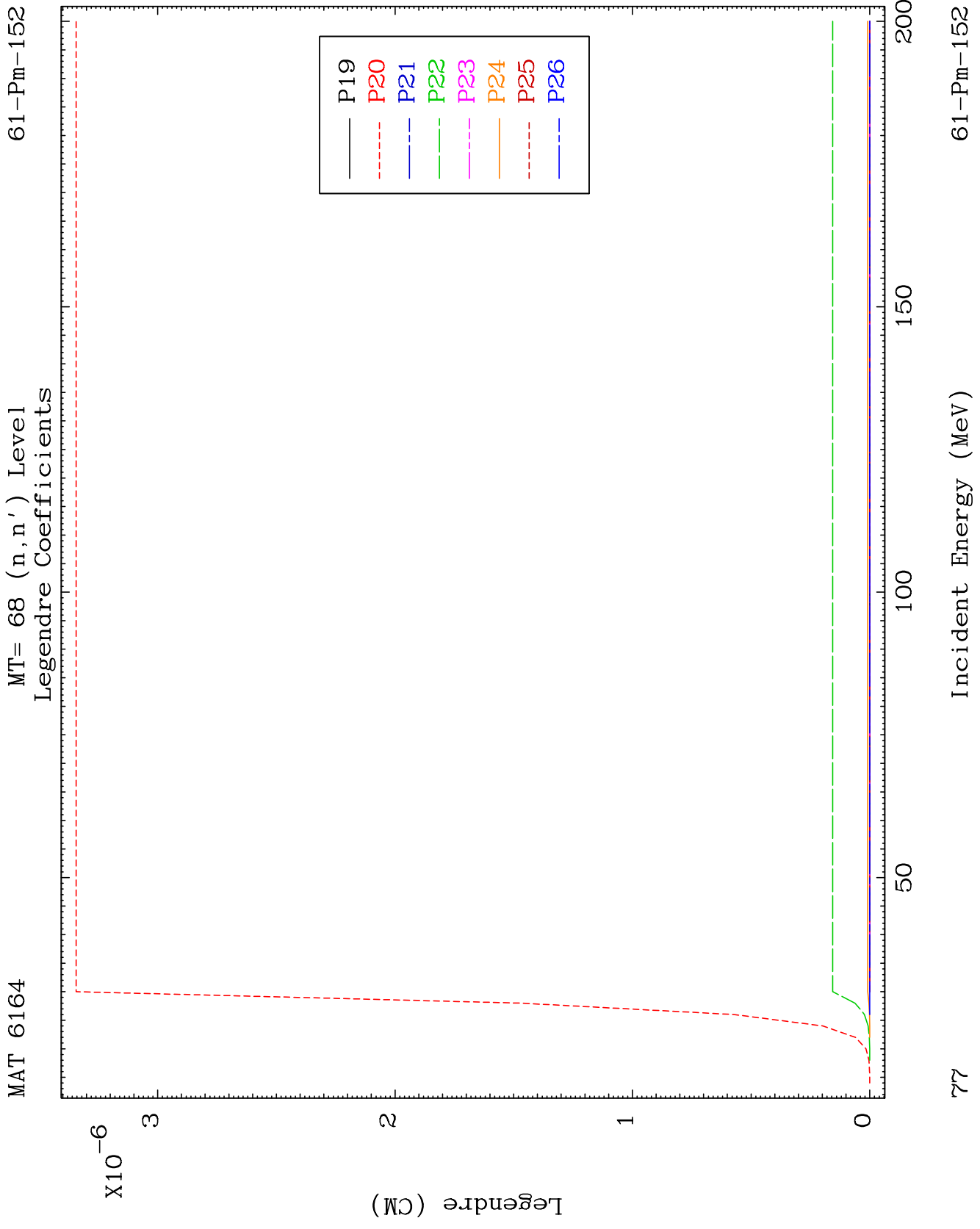
61-Pm-152



61-Pm-152

Incident Energy (MeV)

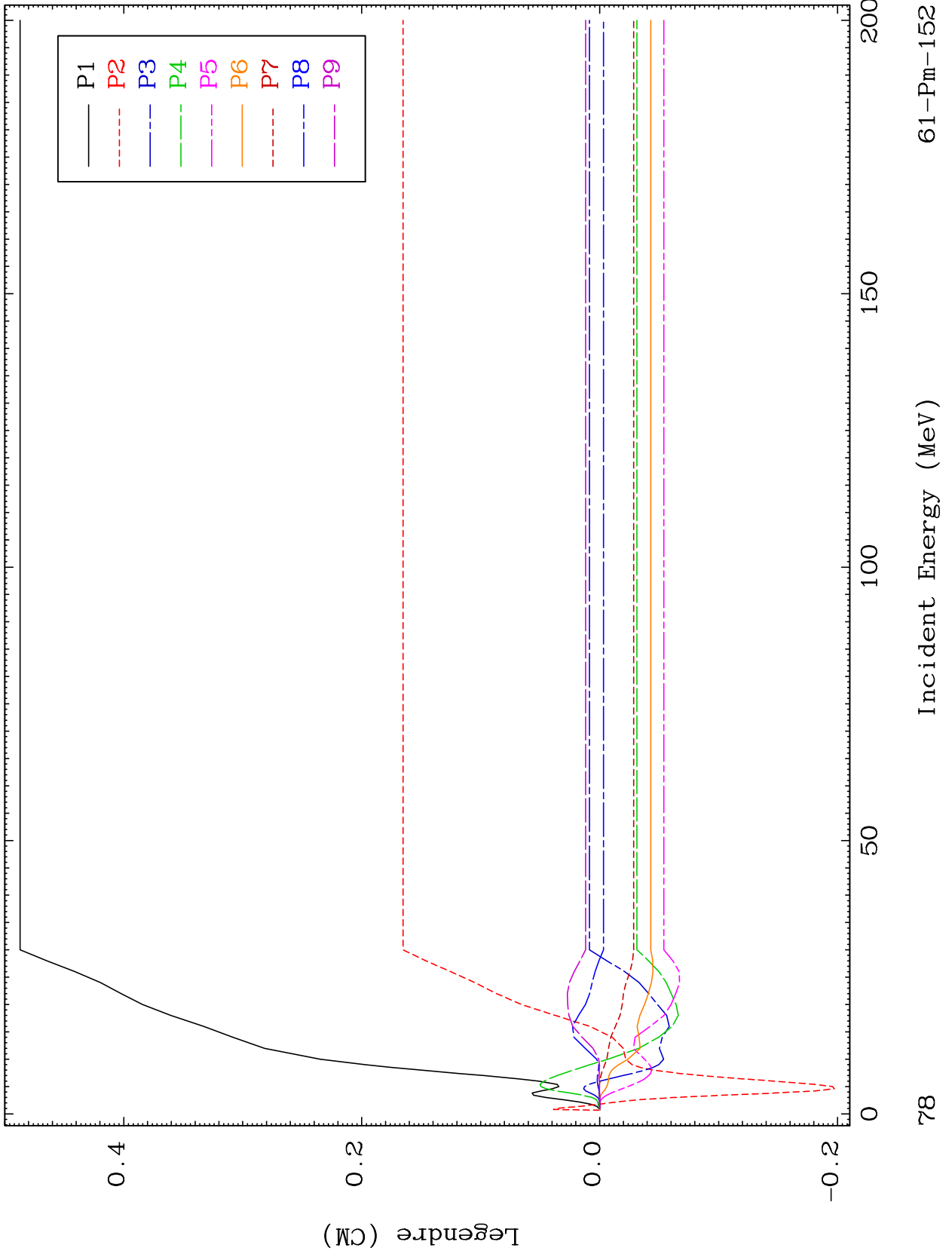
76



MAT 6164

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

61-Pm-152



78

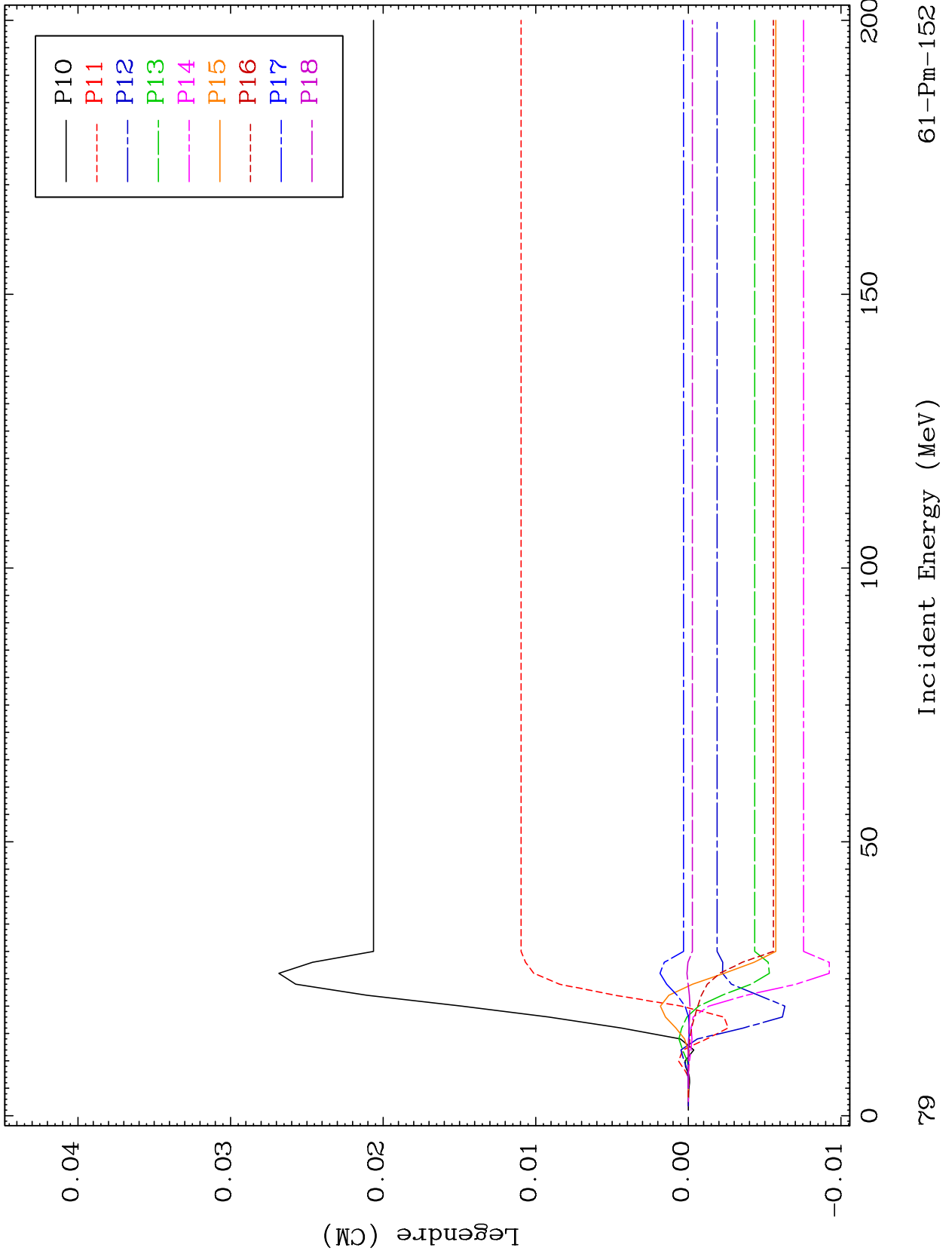
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

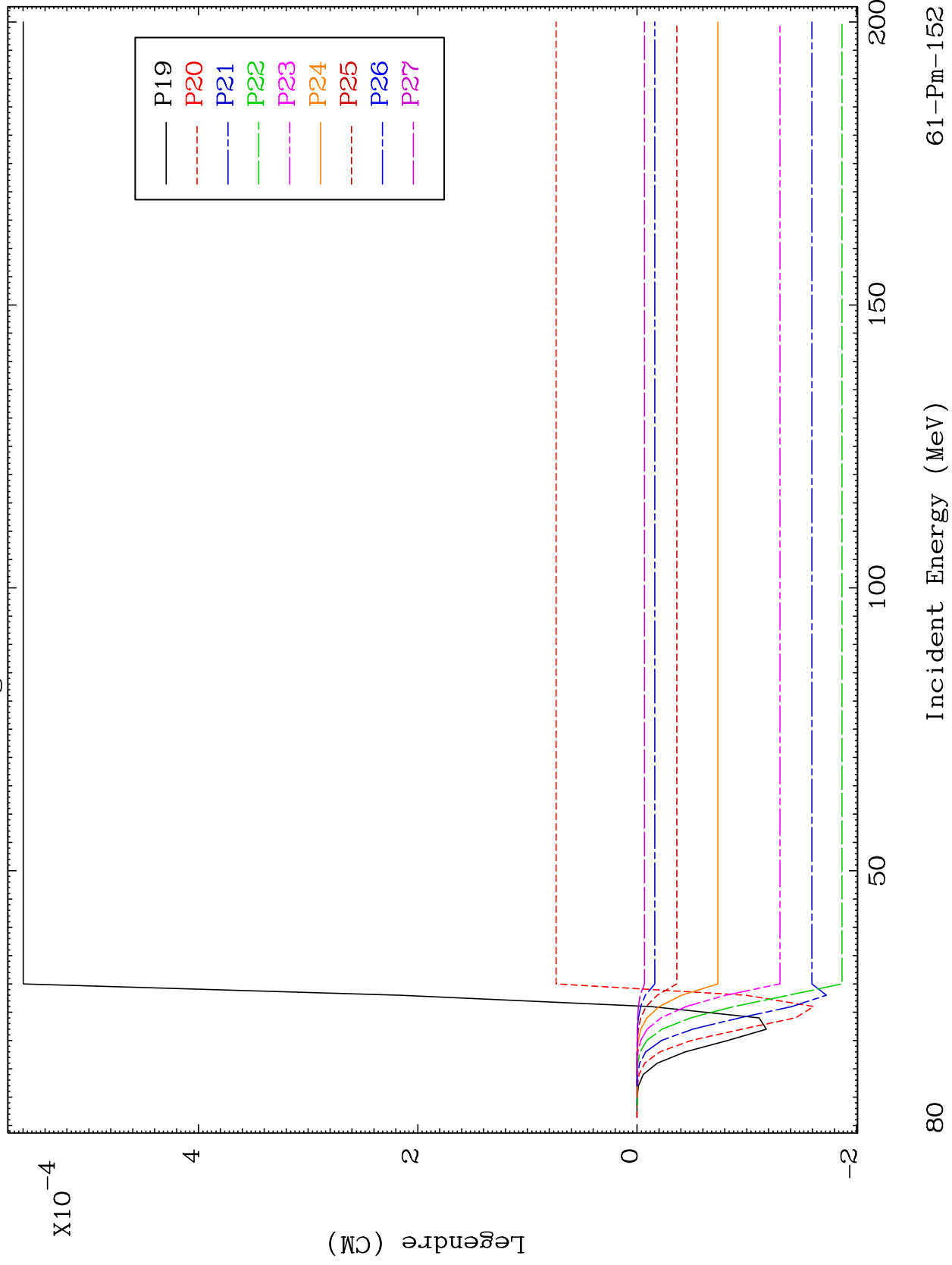
61-Pm-152



MAT 6164

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

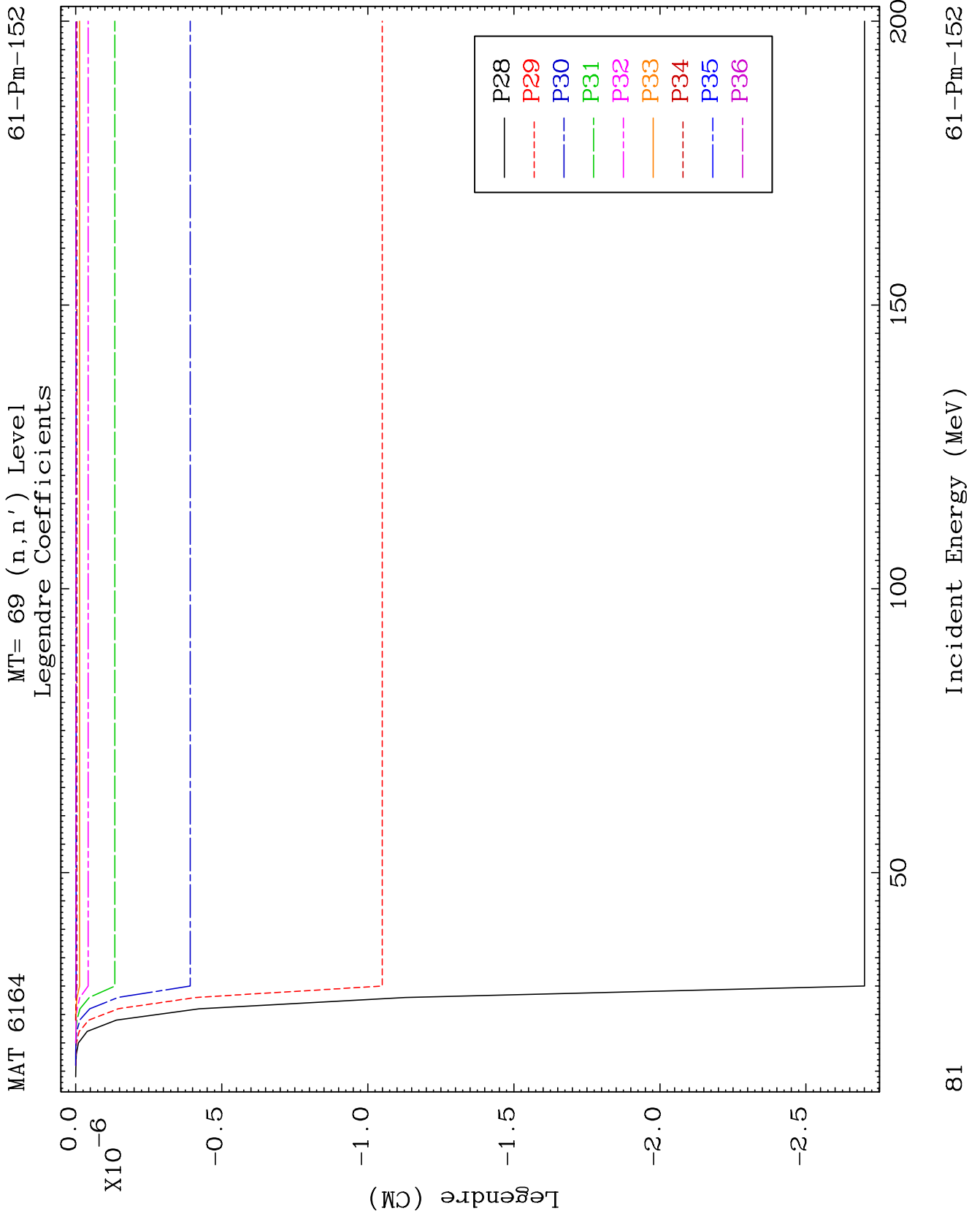
61-Pm-152



61-Pm-152

Incident Energy (MeV)

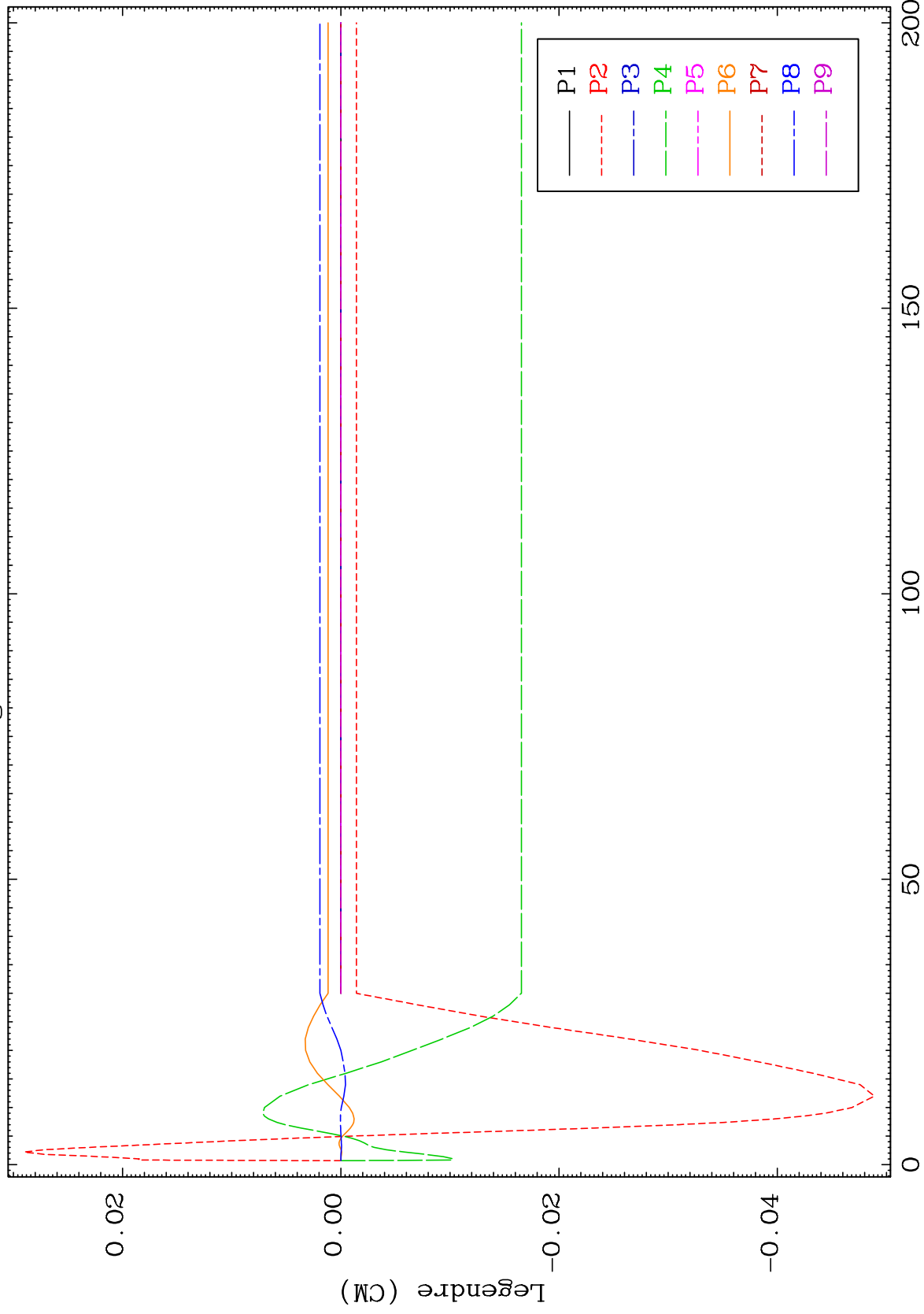
80



MAT 6164

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

61-Pm-152



82

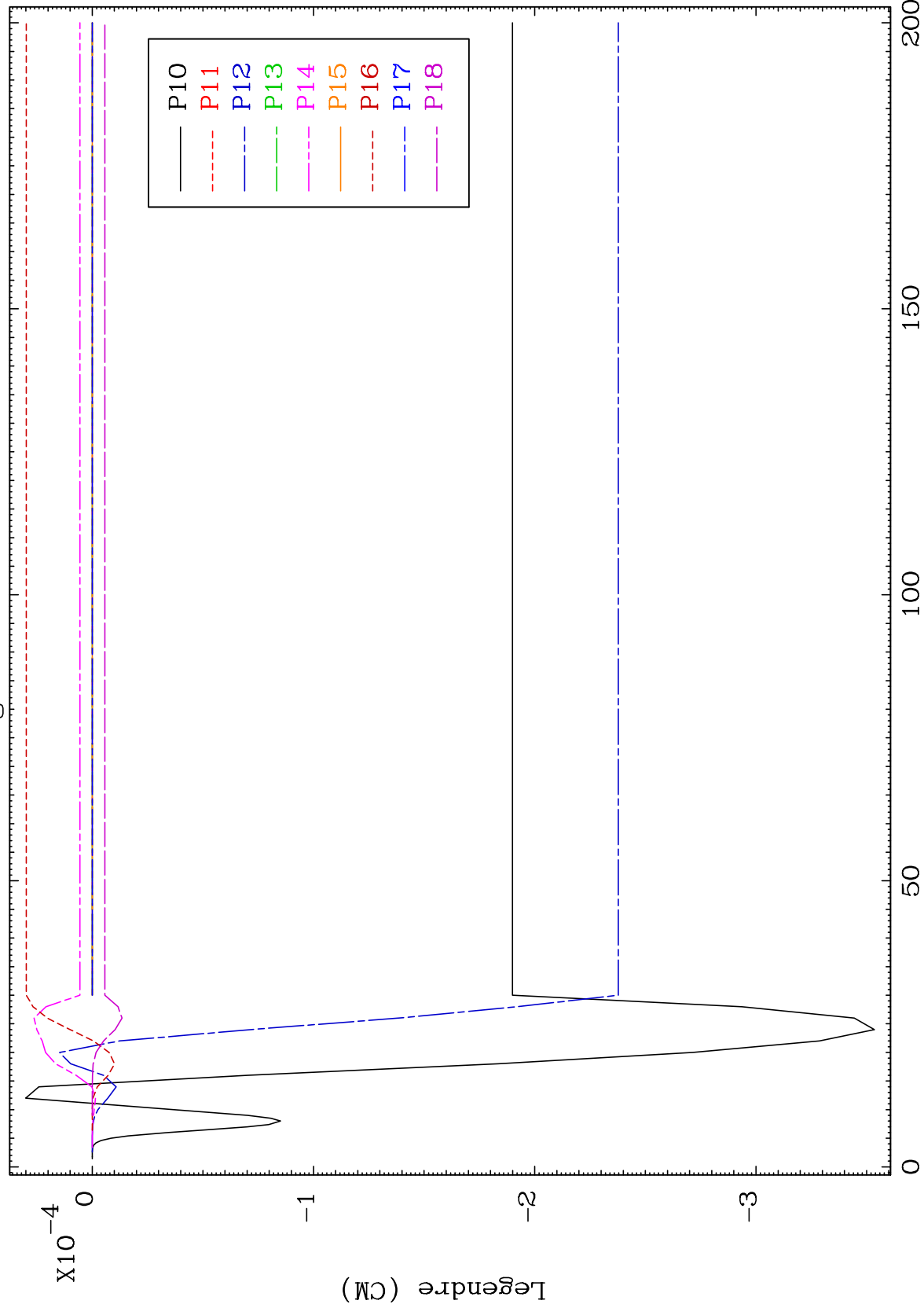
Incident Energy (MeV)

61-Pm-152

MAT 6164

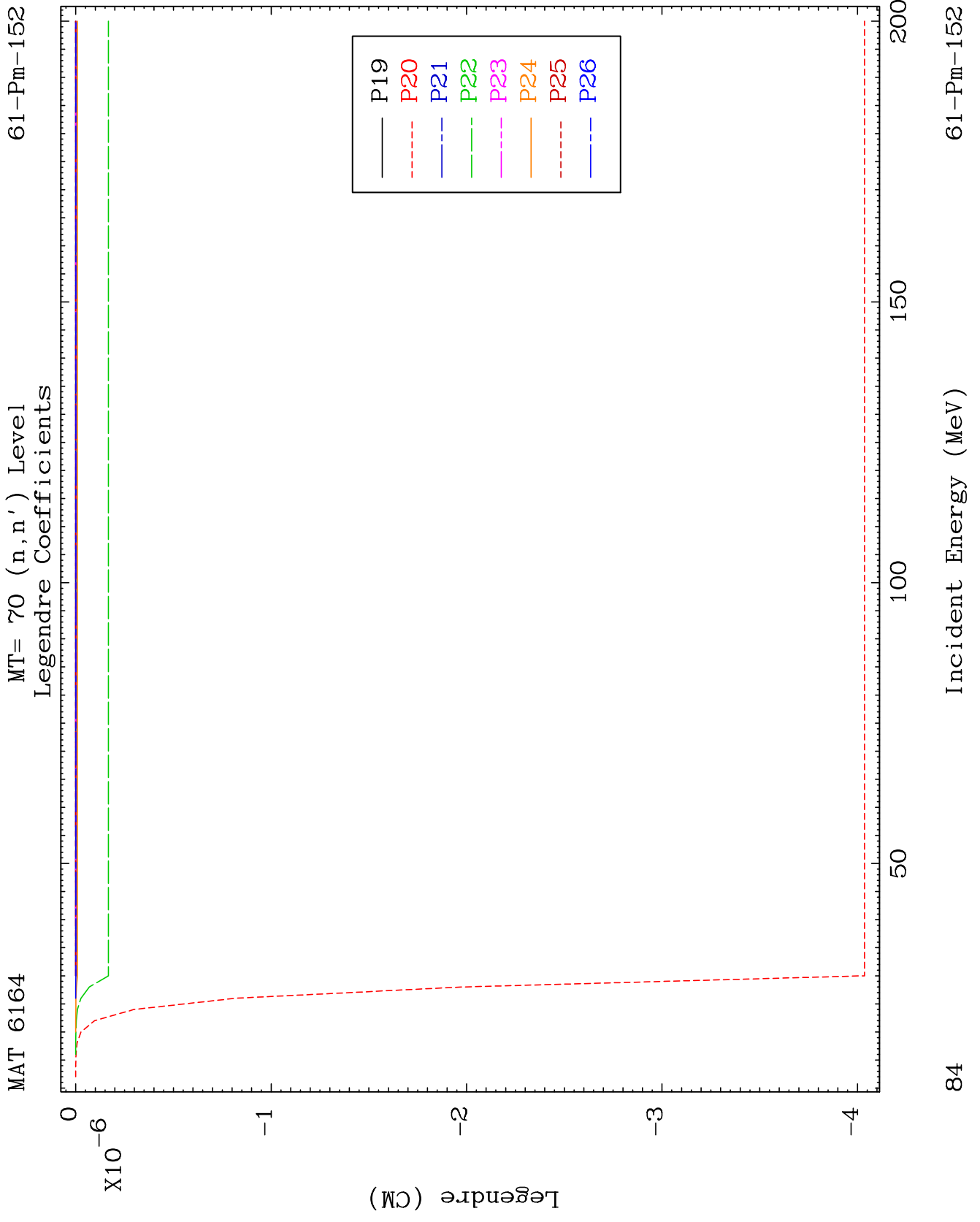
MT= 70 (n,n') Level
Legendre Coefficients

61-Pm-152



83

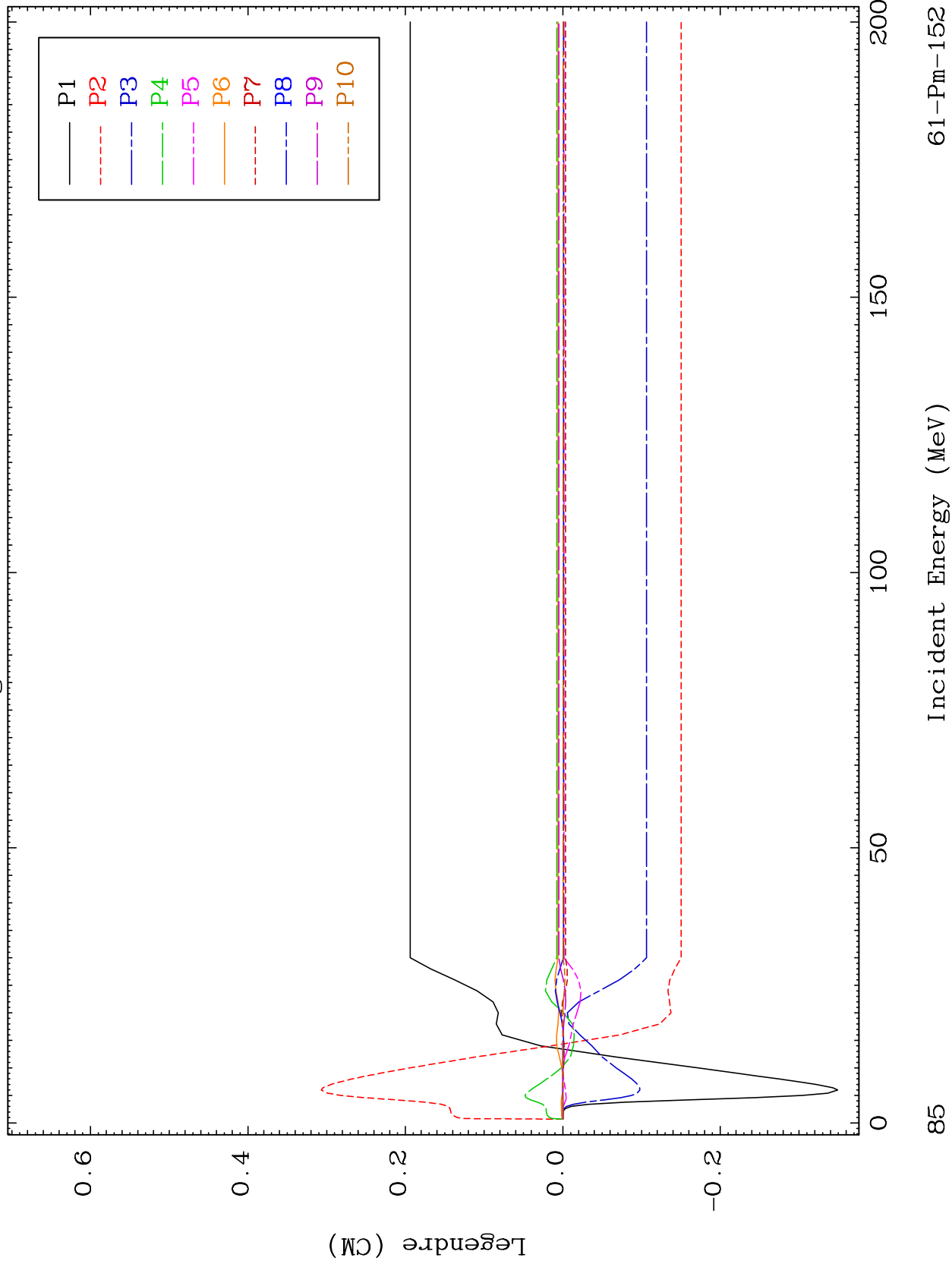
61-Pm-152



MAT 6164

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

61-Pm-152



61-Pm-152

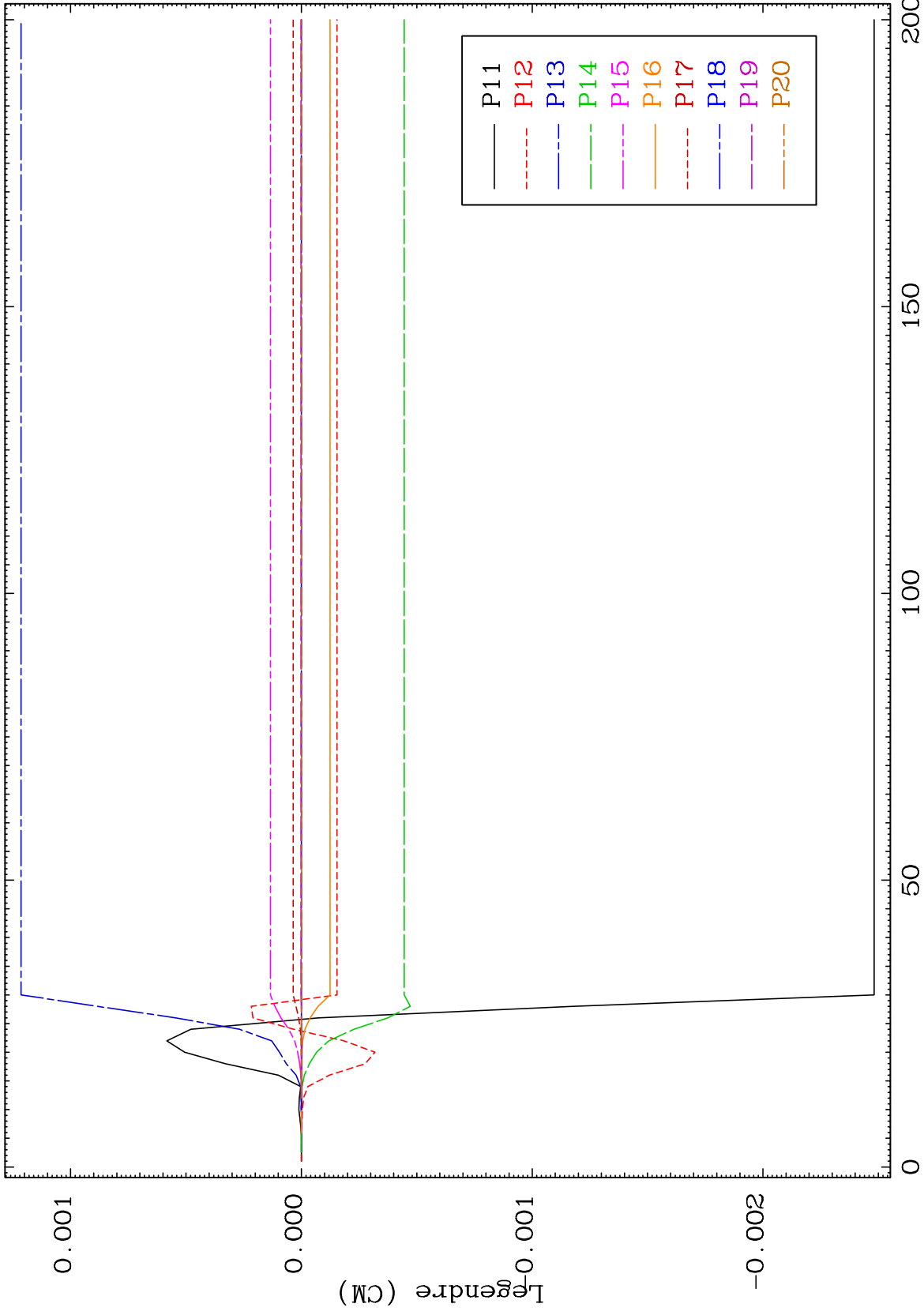
Incident Energy (MeV)

85

MAT 6164

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

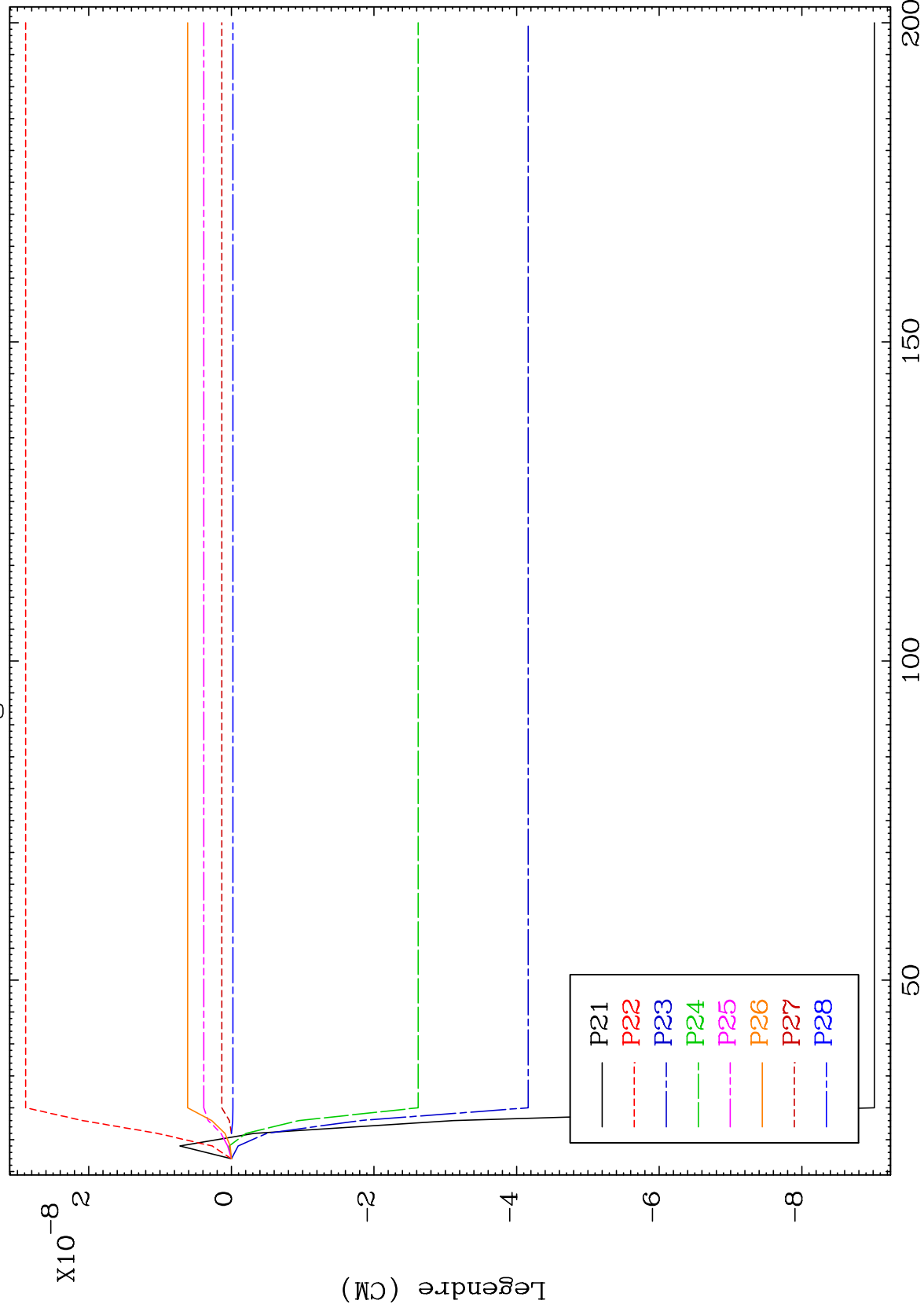
61-Pm-152



86

Incident Energy (MeV)

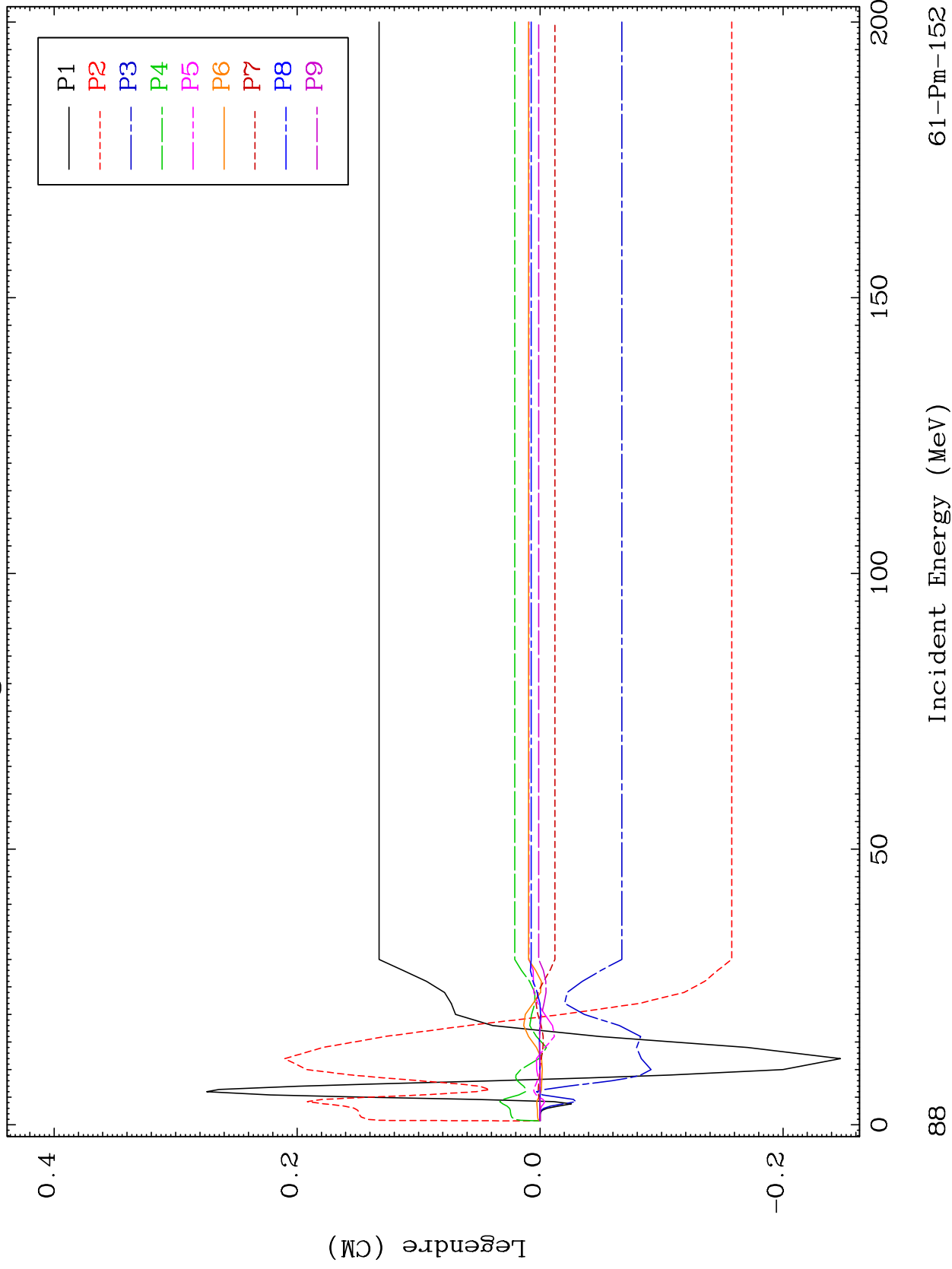
61-Pm-152



MAT 6164

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

61-Pm-152



61-Pm-152

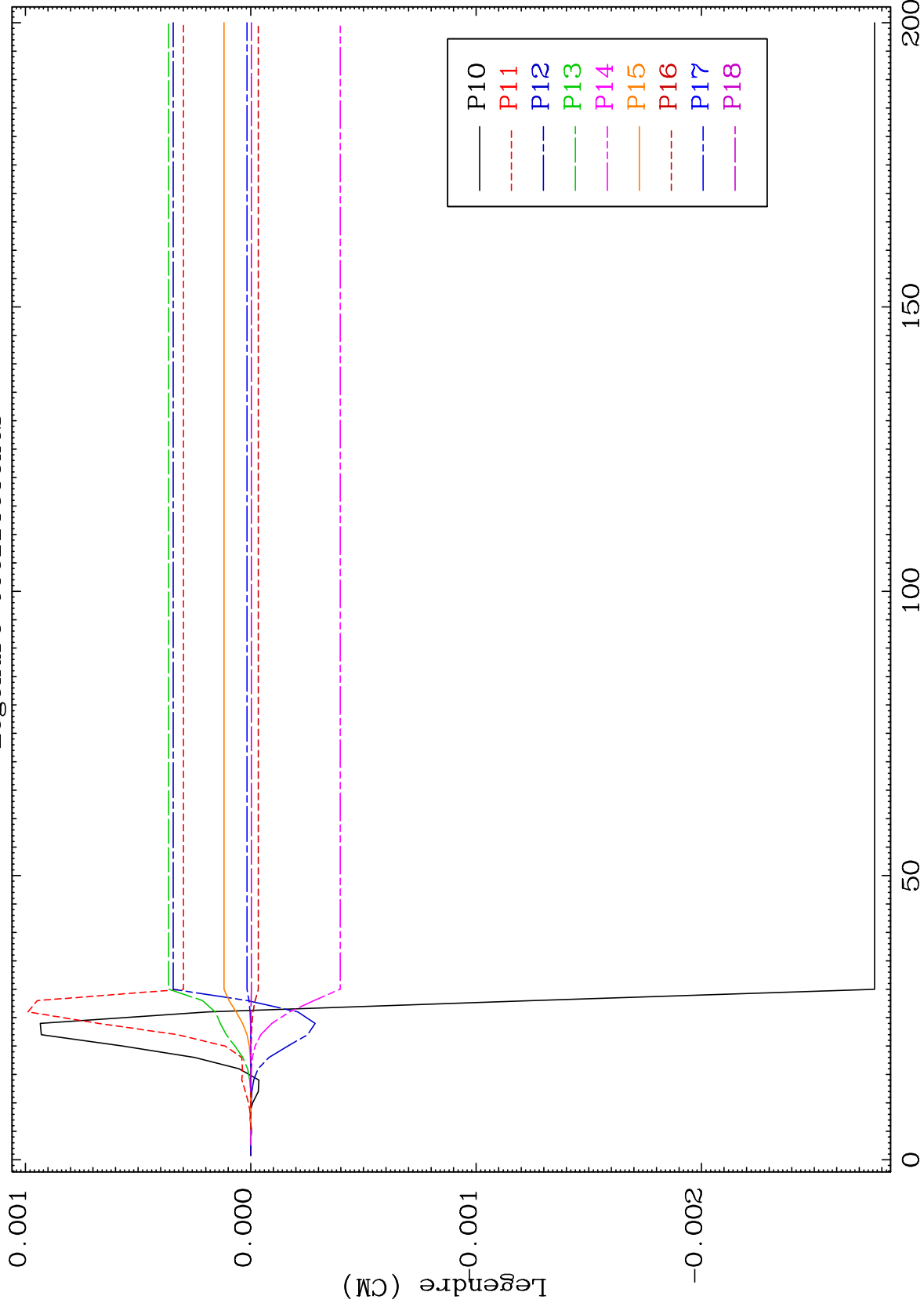
Incident Energy (MeV)

88

MAT 6164

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

61-Pm-152



89

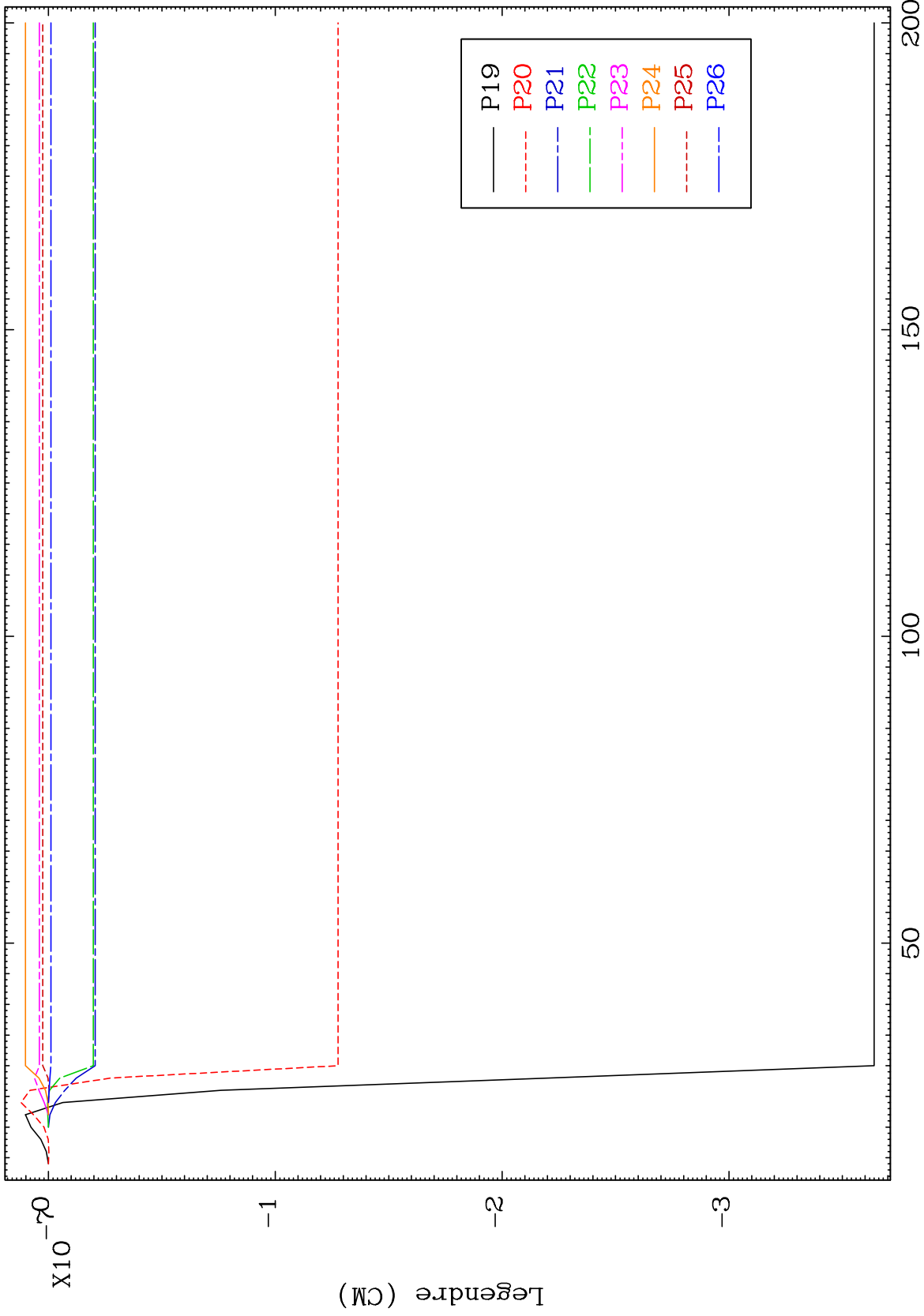
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



90

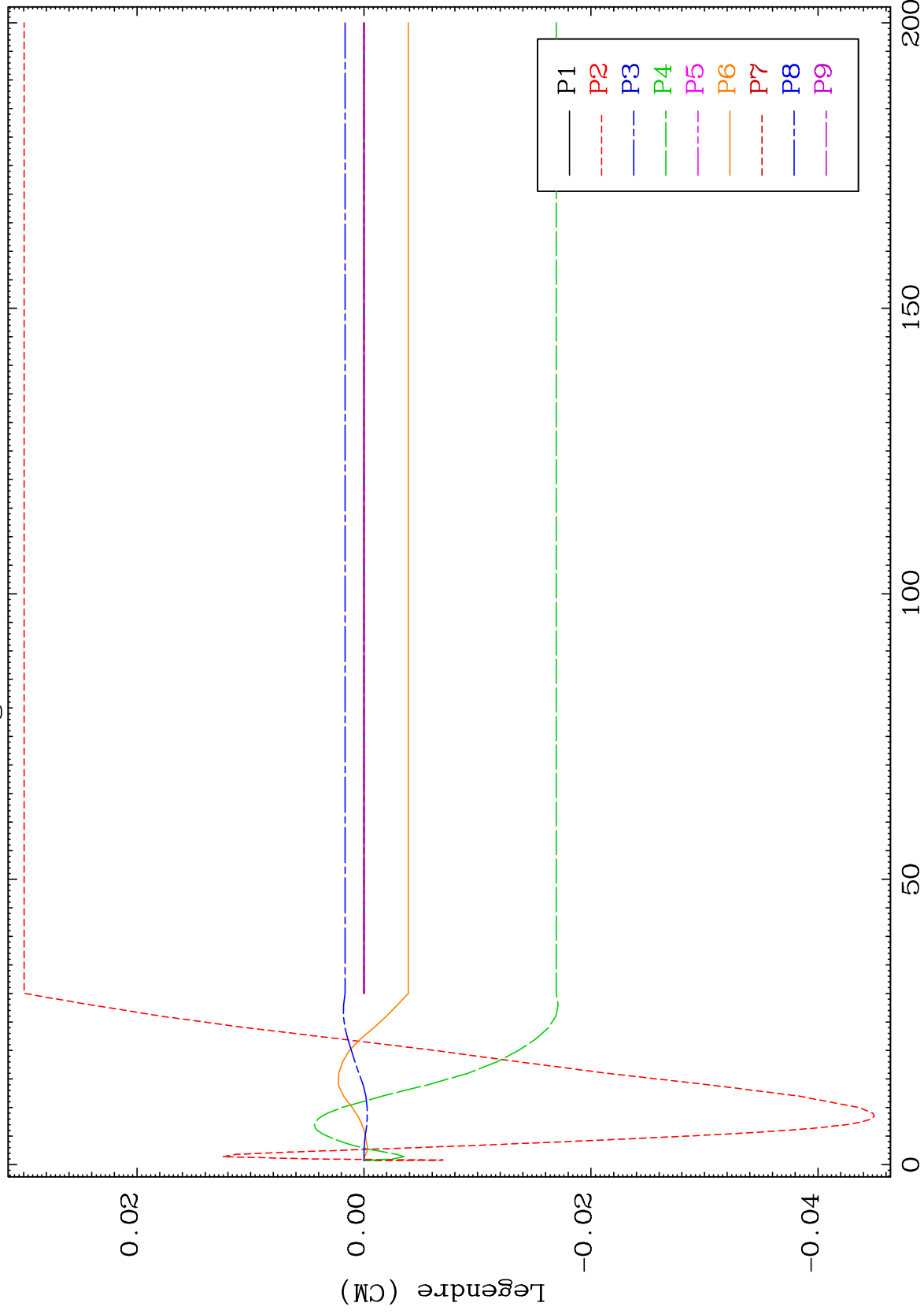
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



91

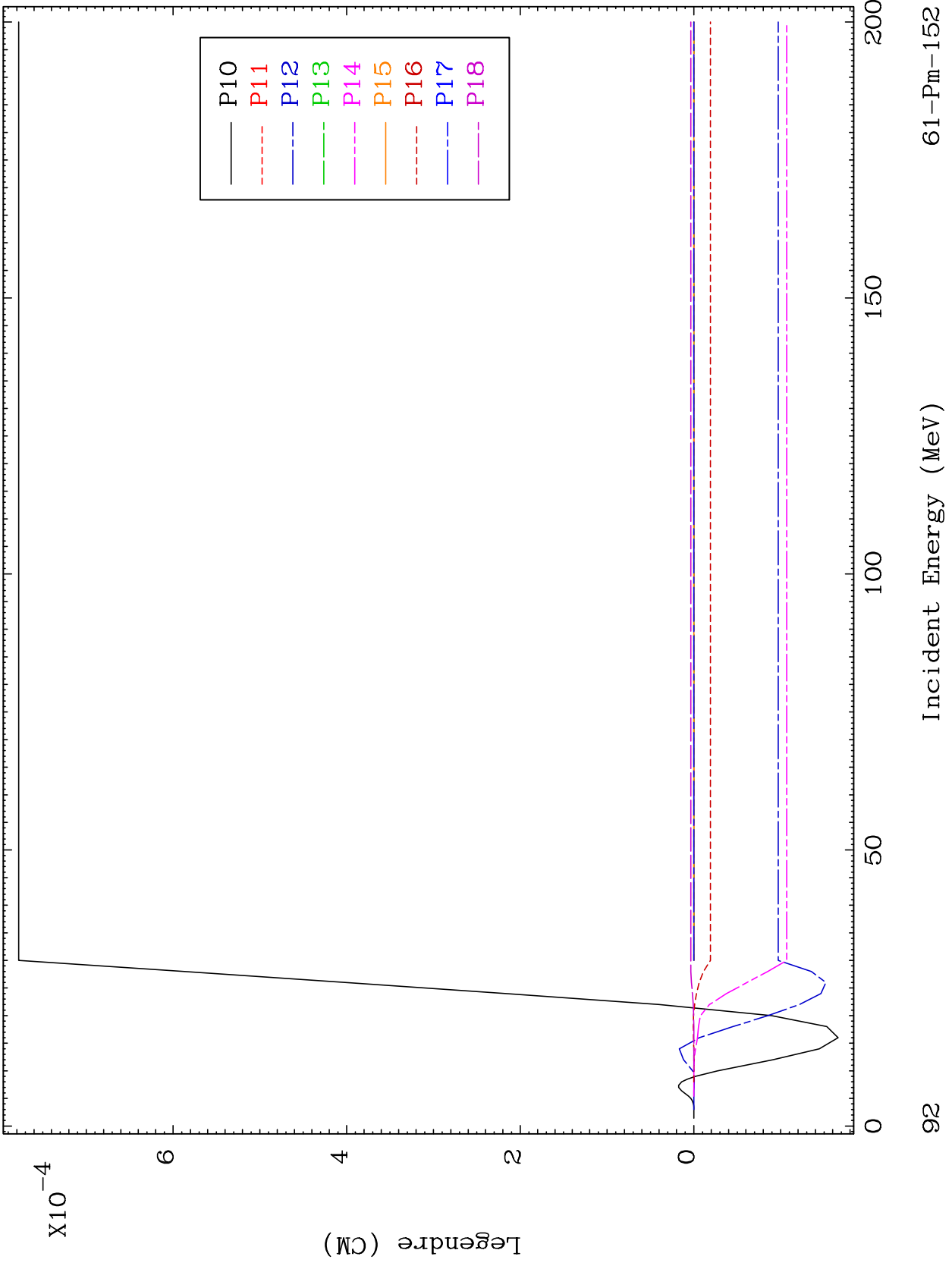
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

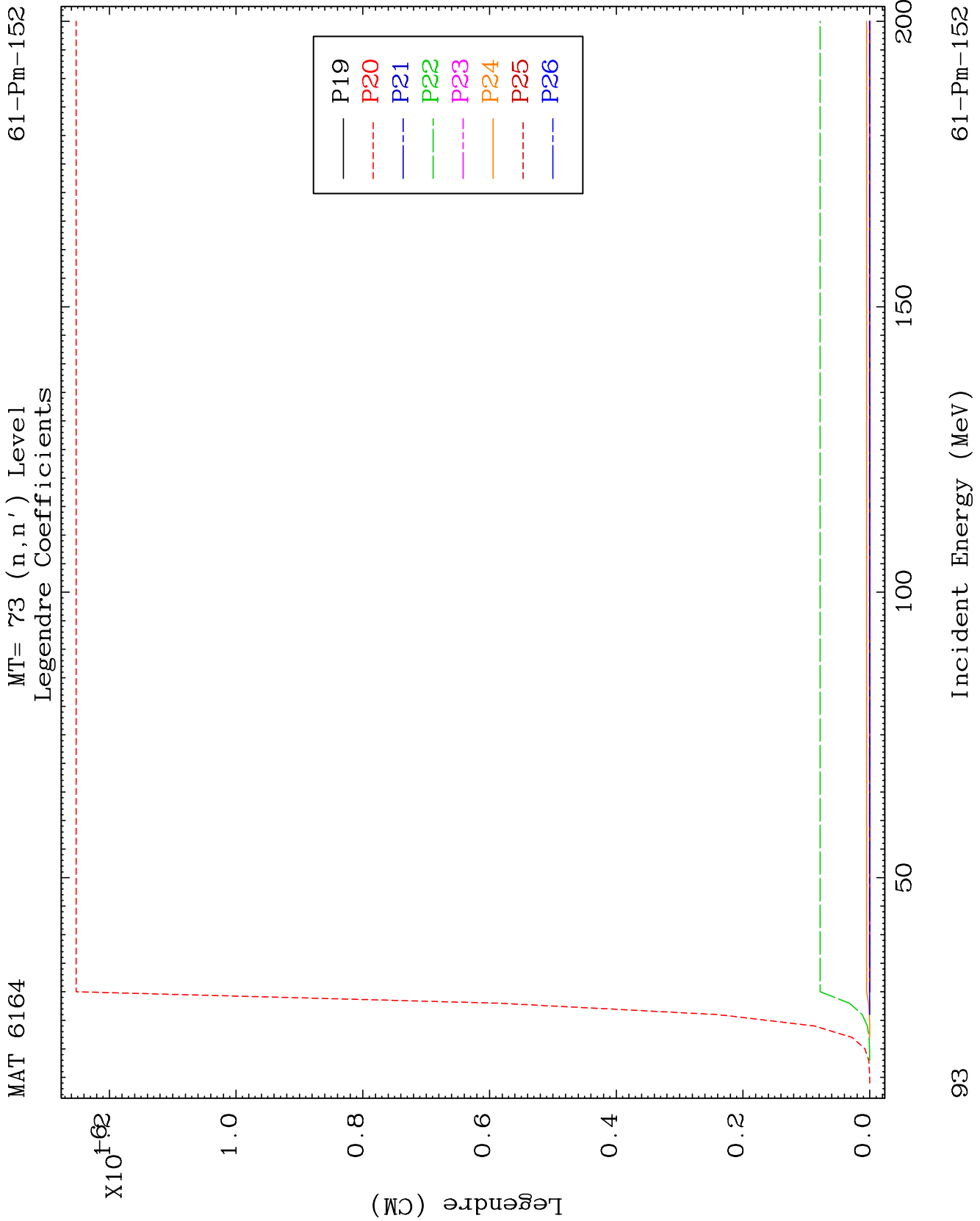
61-Pm-152



61-Pm-152

Incident Energy (MeV)

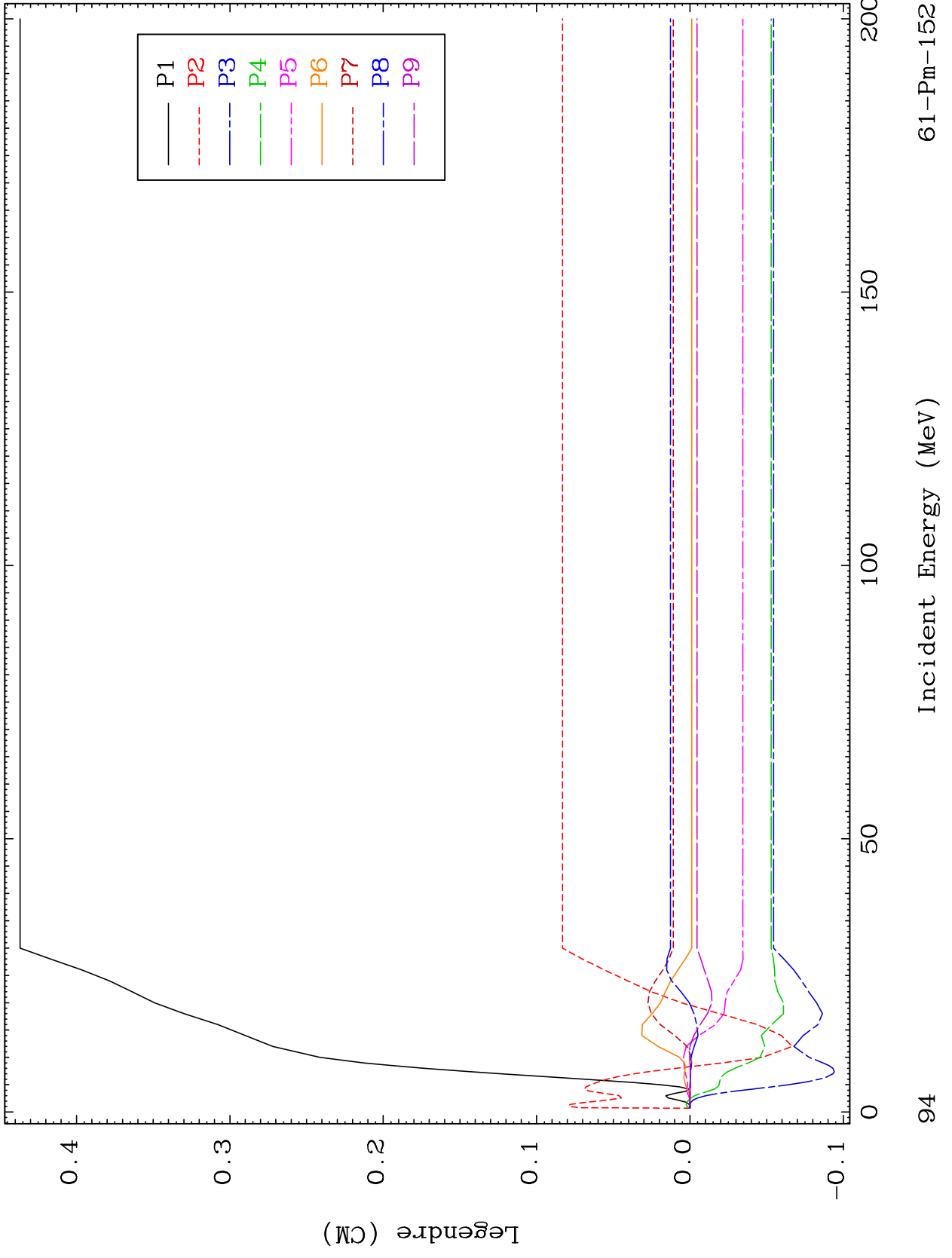
92



MAT 6164

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

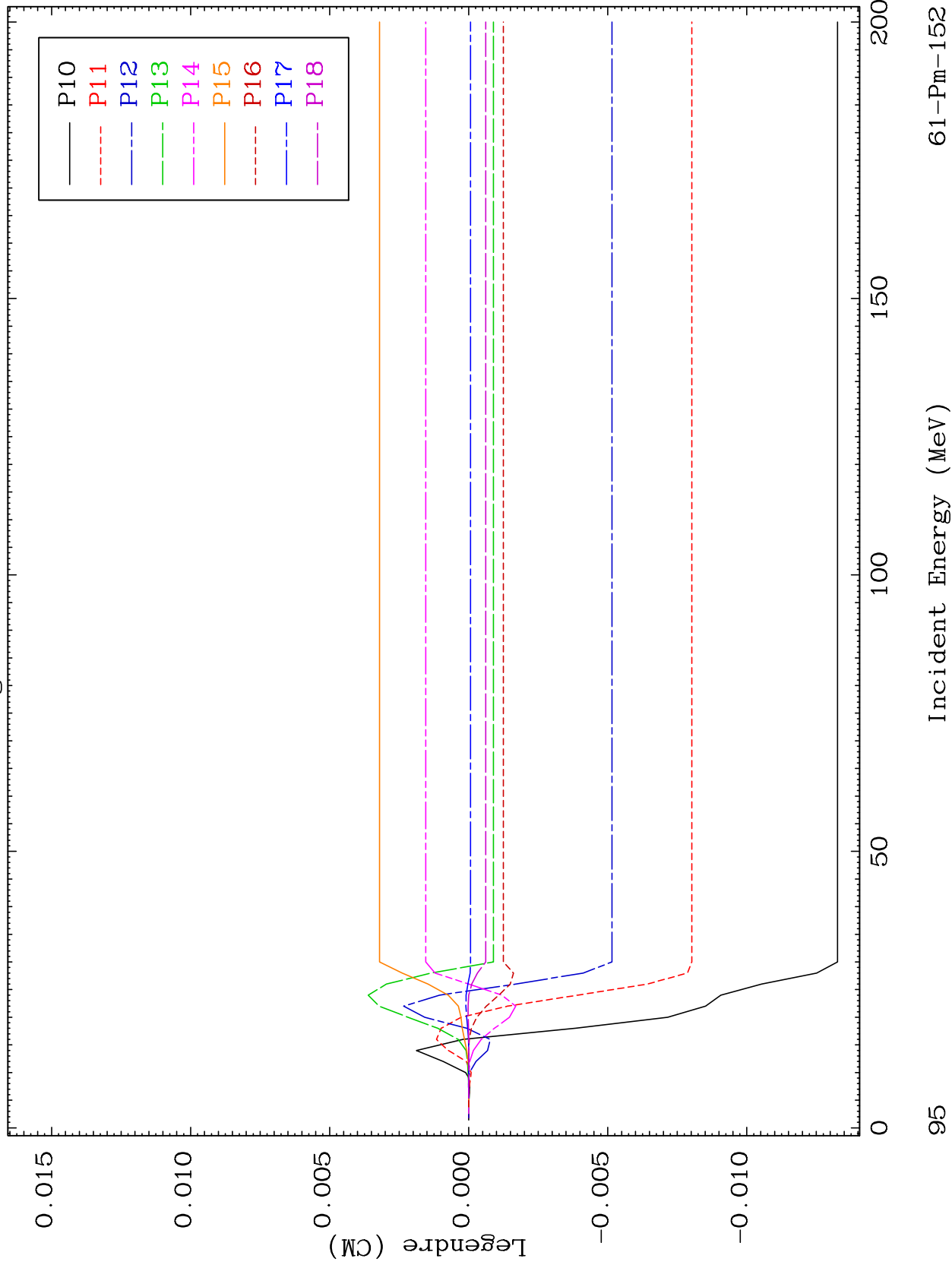
61-Pm-152



MAT 6164

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

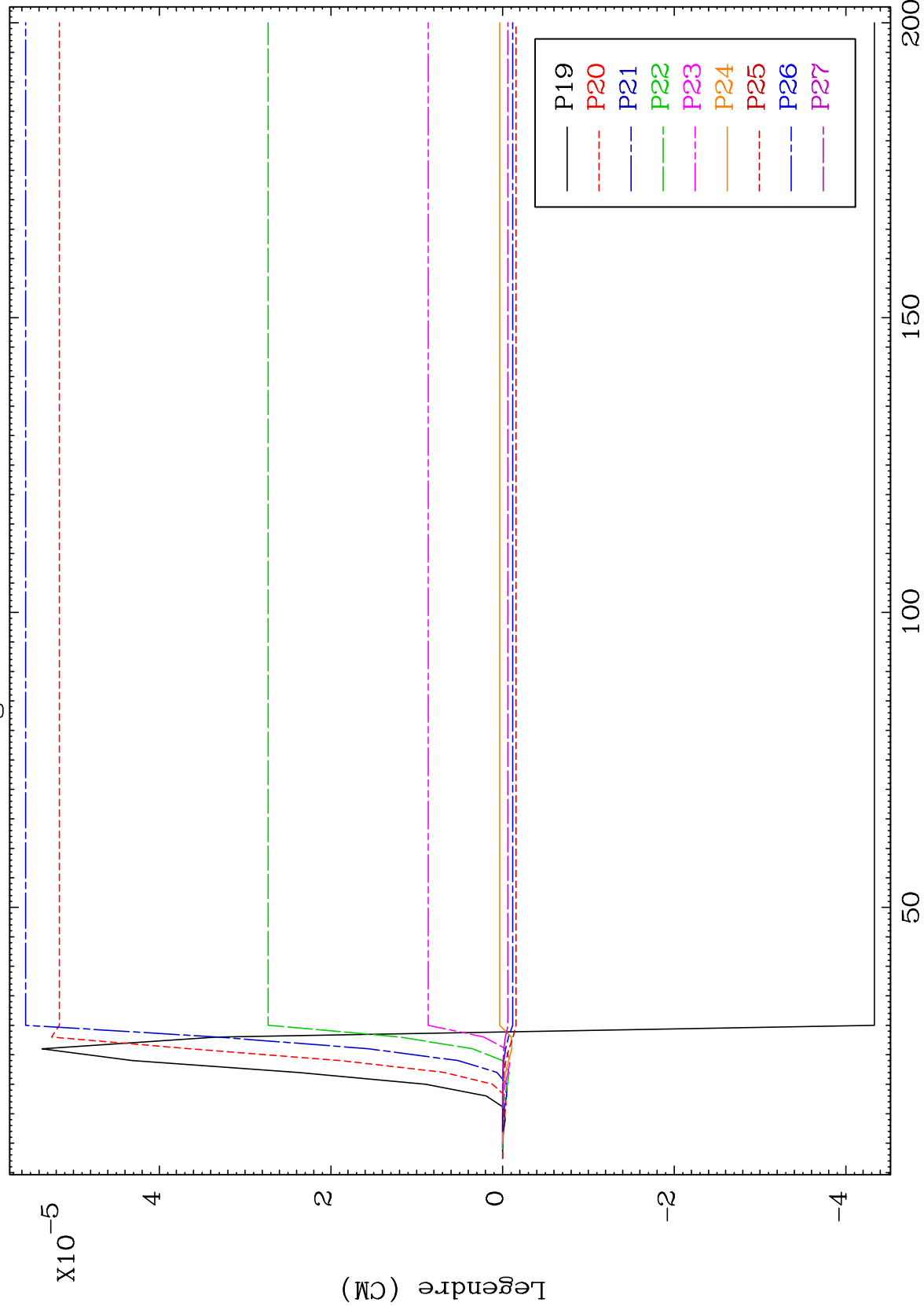
61-Pm-152



61-Pm-152

Incident Energy (MeV)

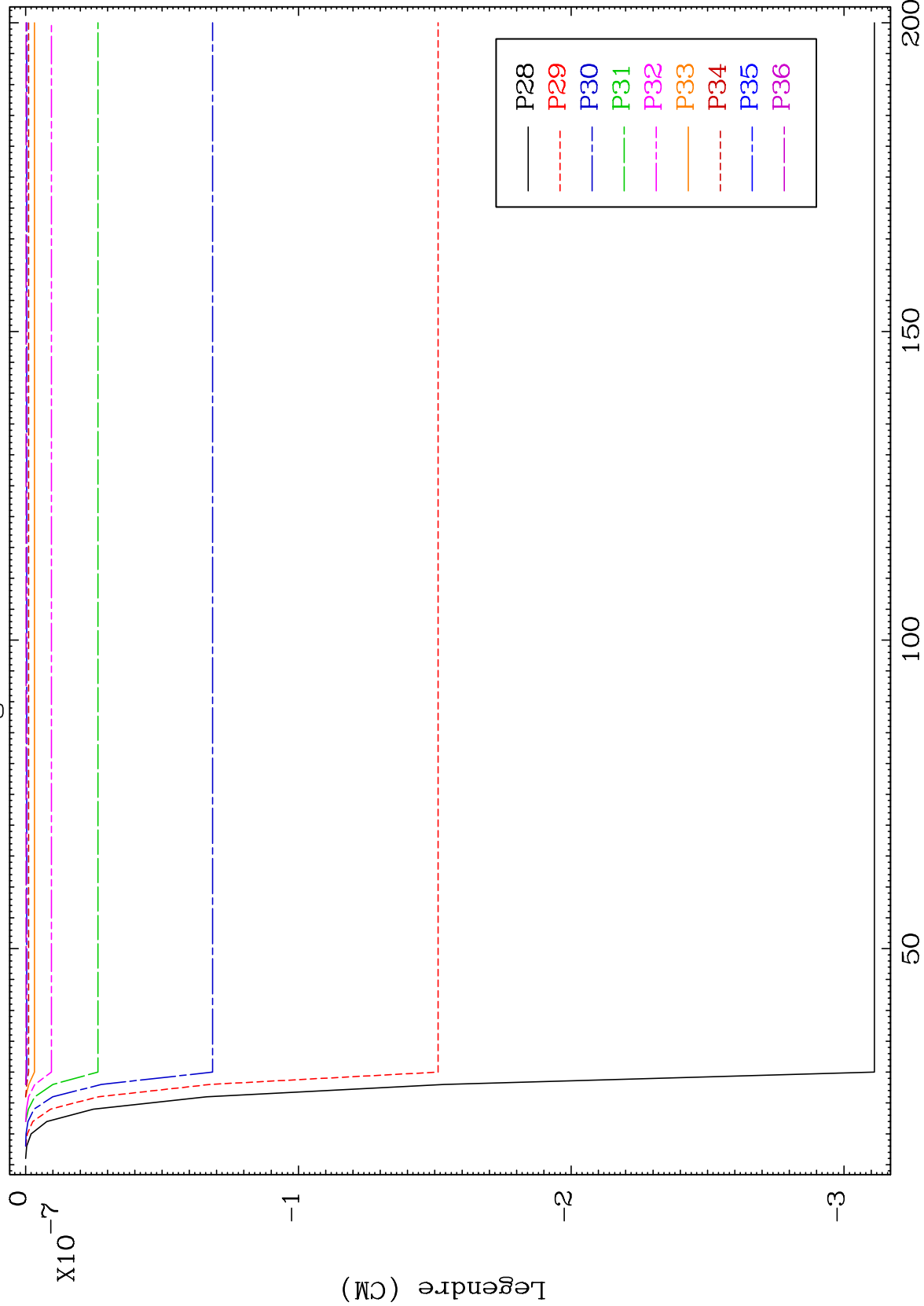
95



MAT 6164

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

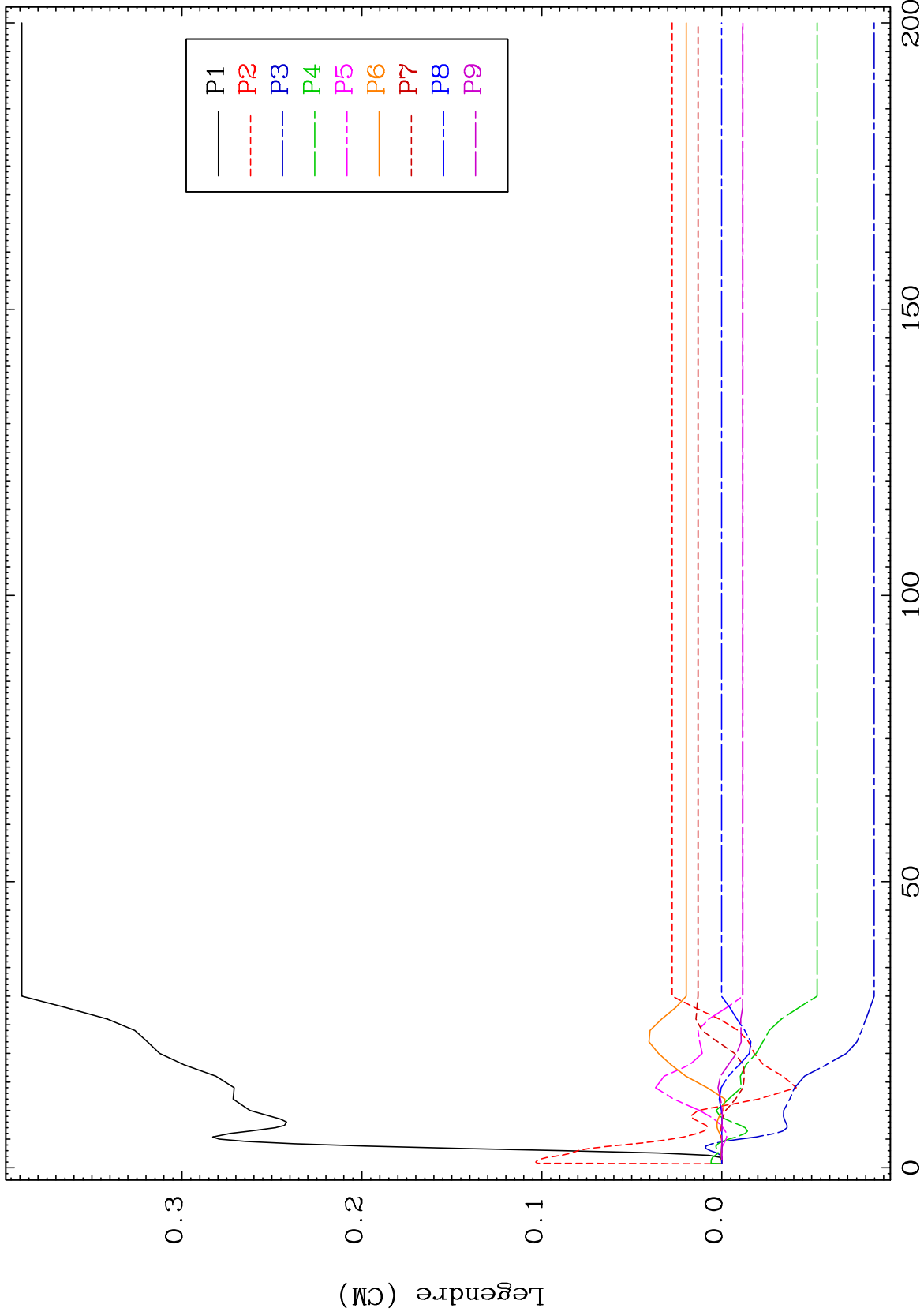
61-Pm-152



MAT 6164

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

61-Pm-152



98

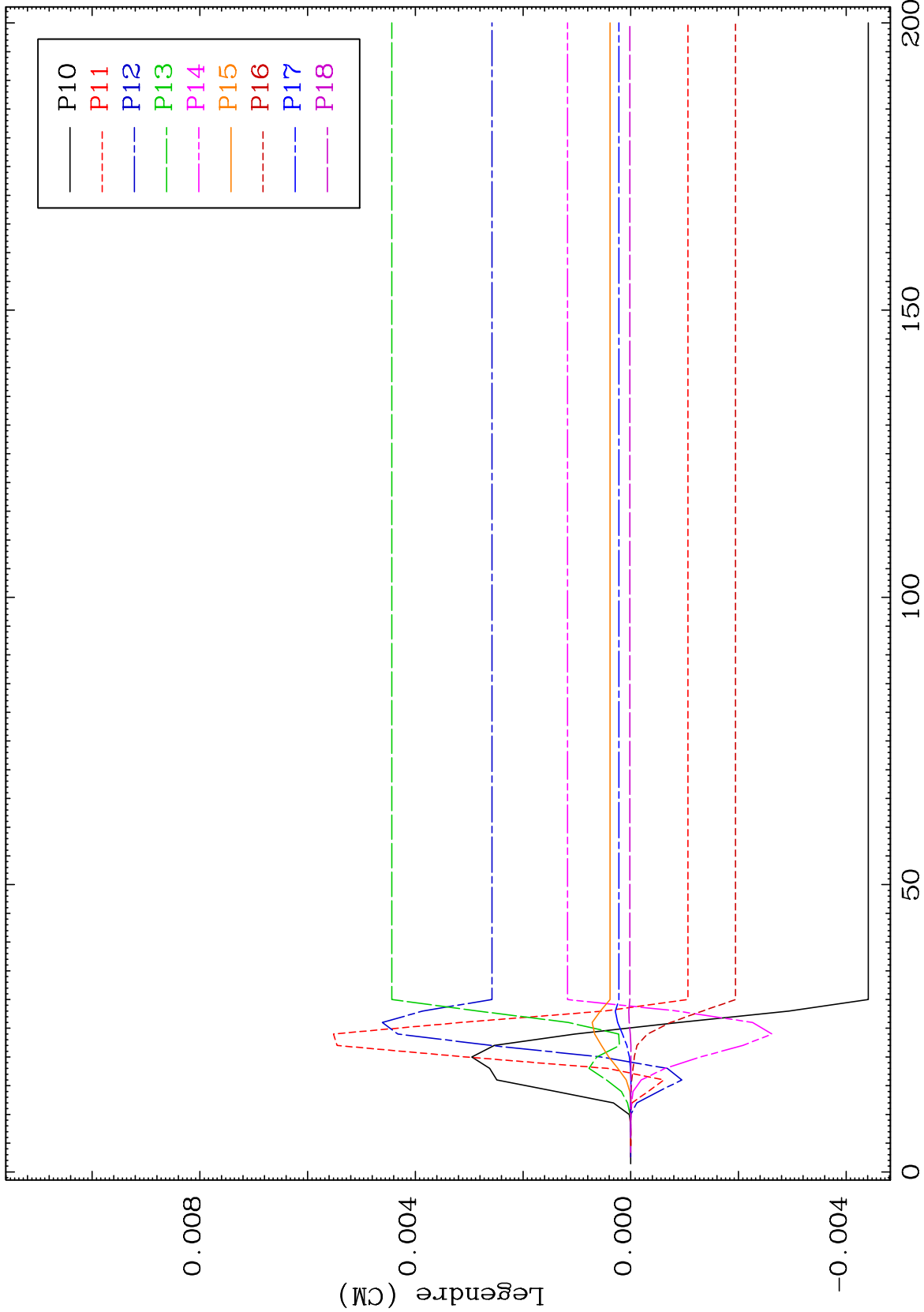
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



99

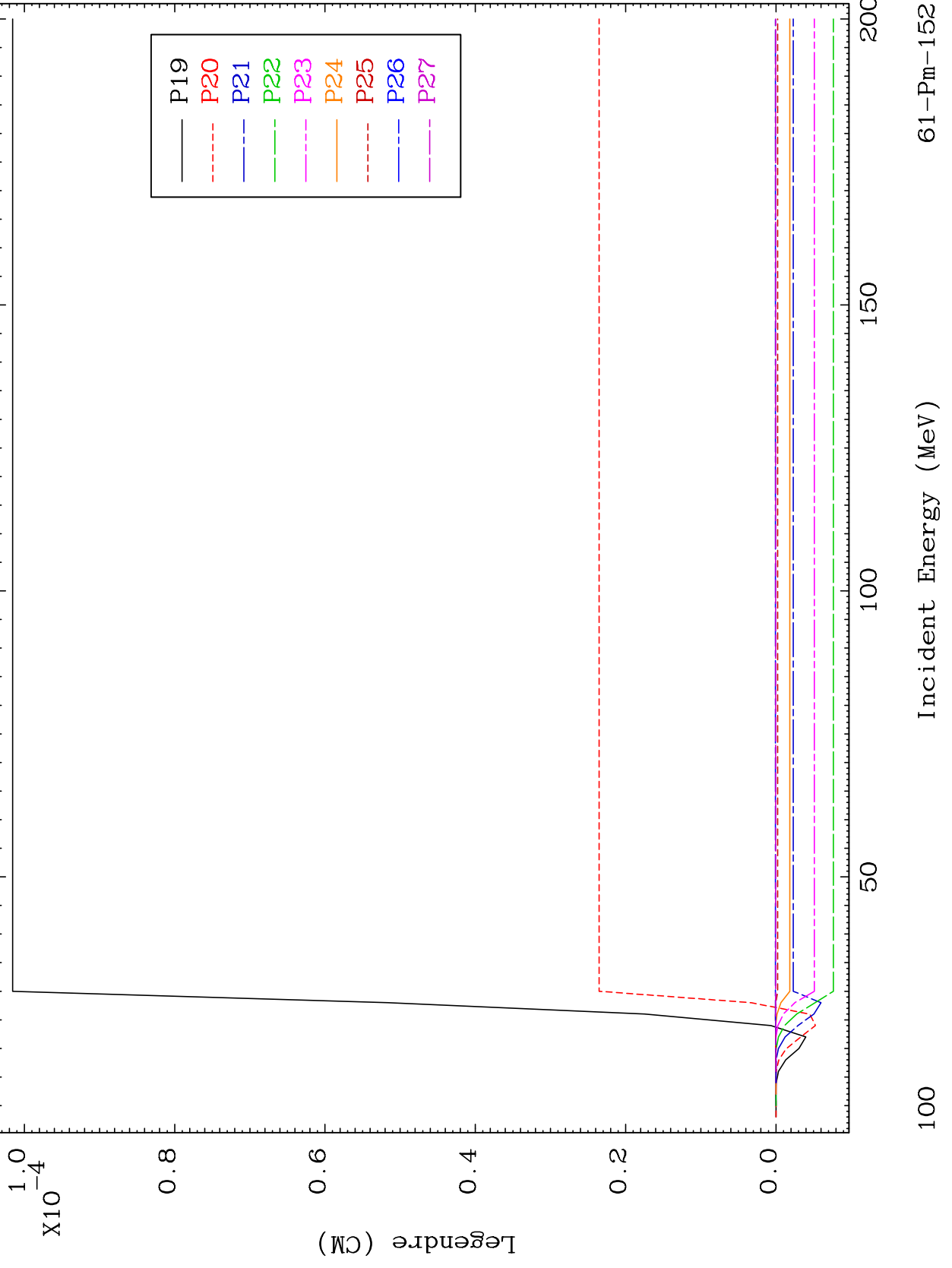
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



100

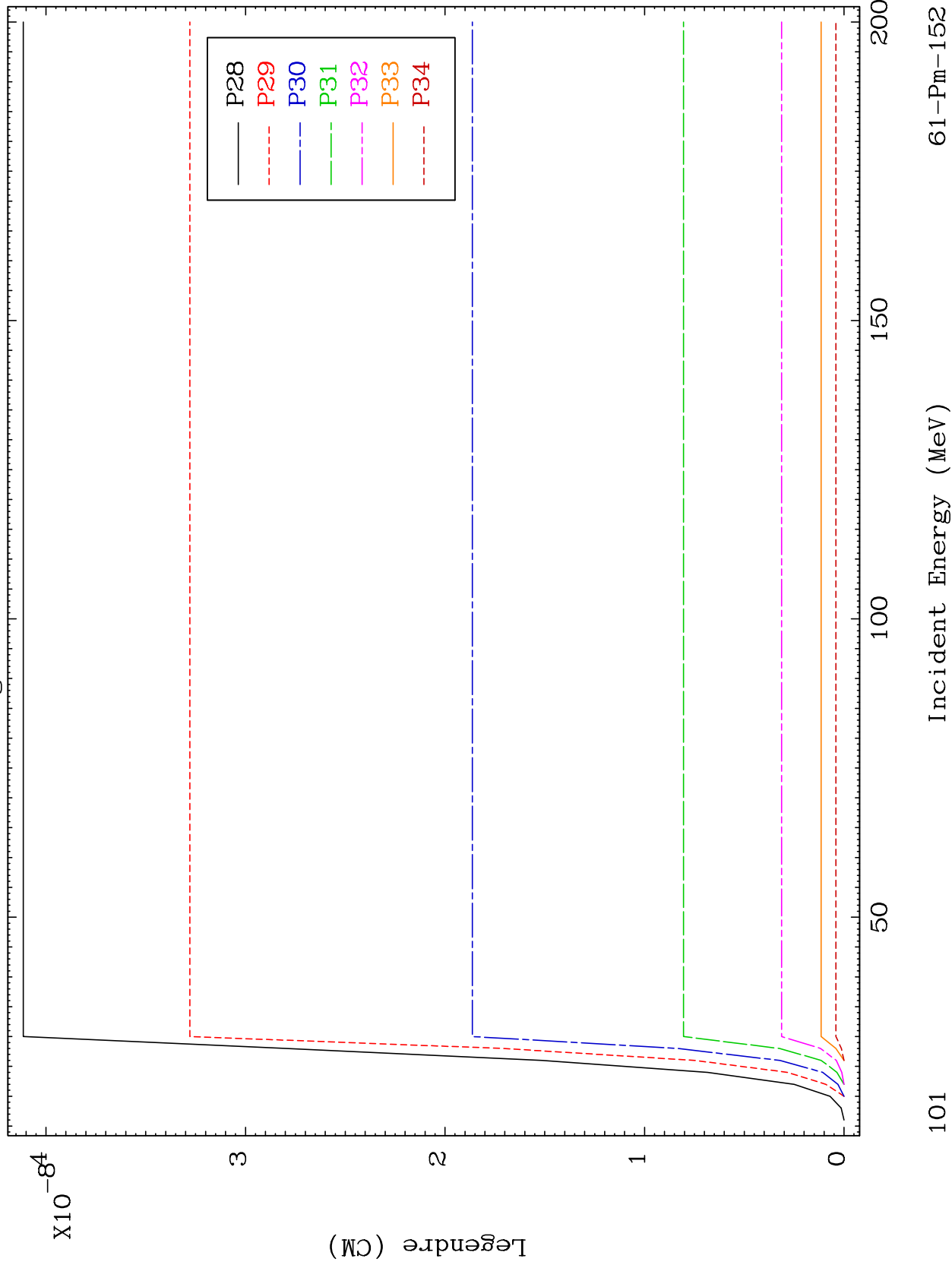
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

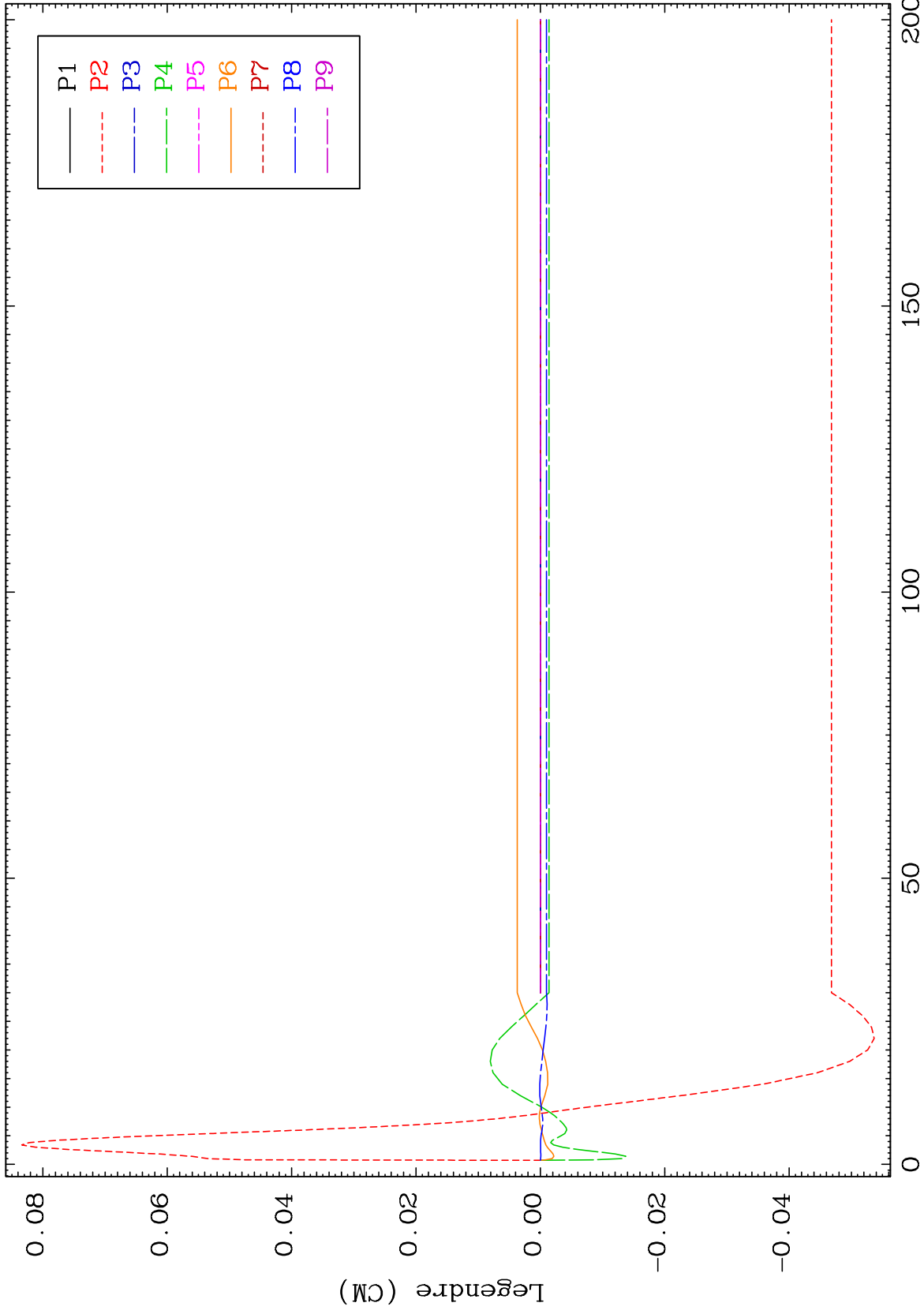
61-Pm-152



MAT 6164

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

61-Pm-152



61-Pm-152

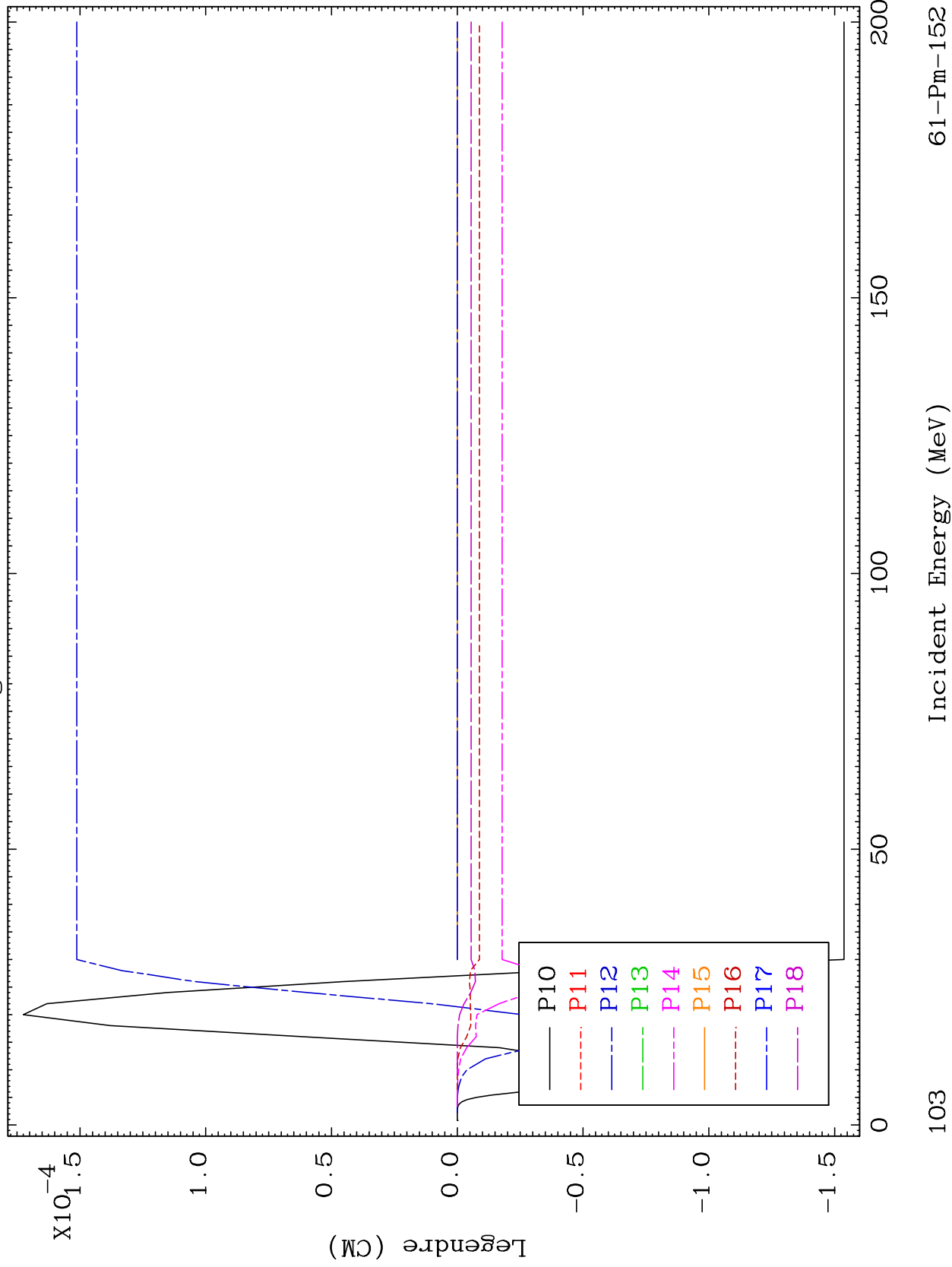
Incident Energy (MeV)

102

MAT 6164

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

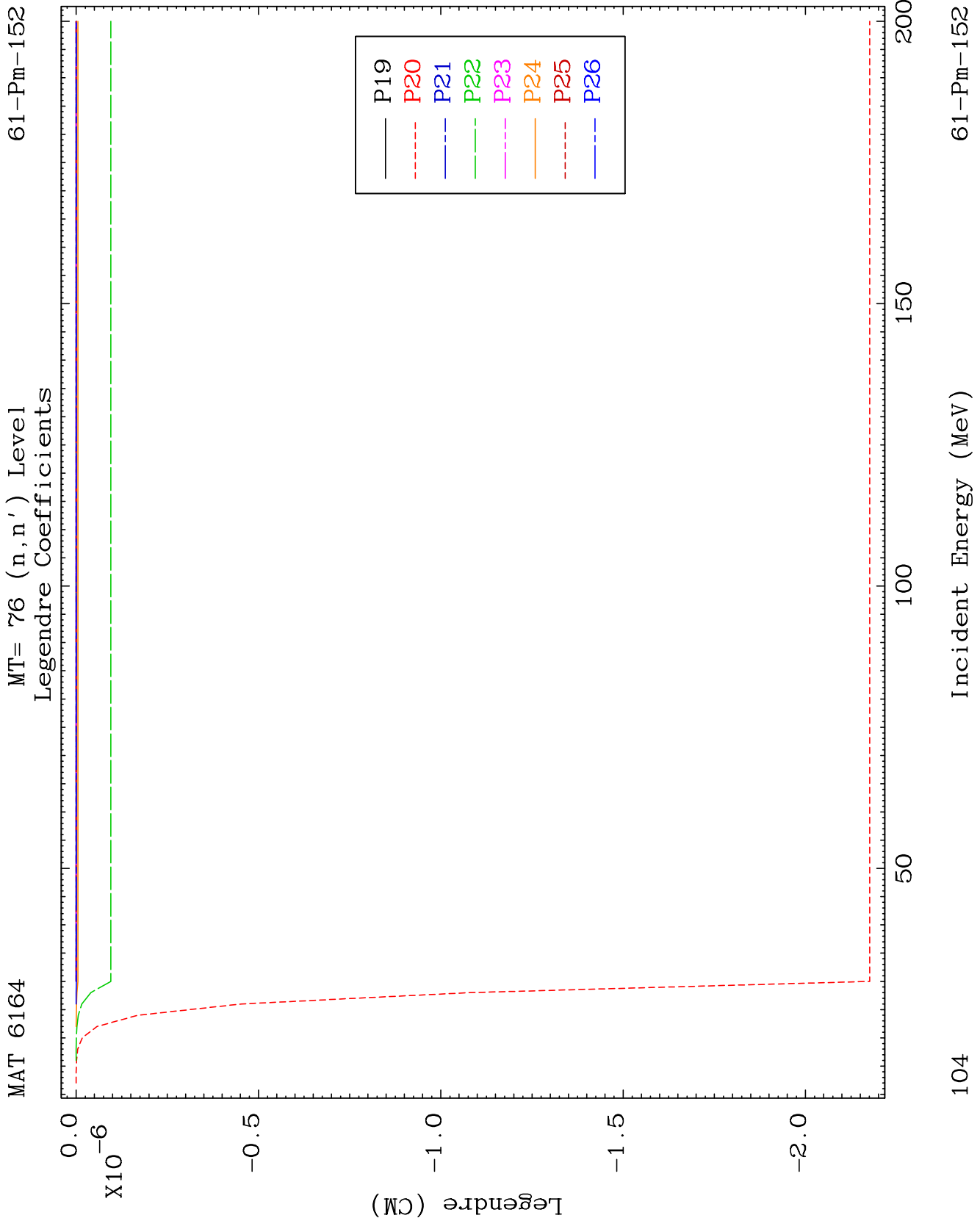
61-Pm-152



61-Pm-152

Incident Energy (MeV)

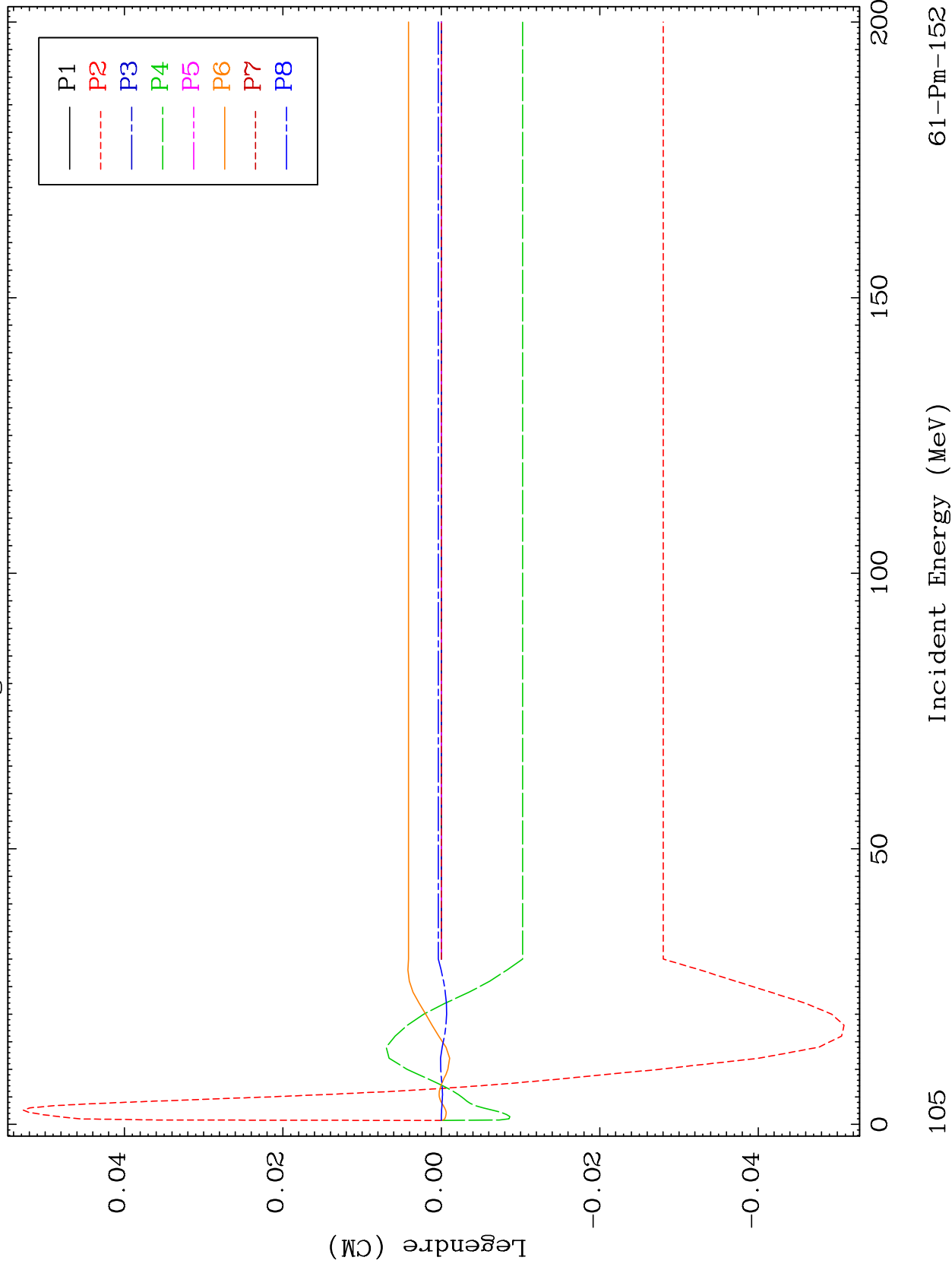
103



MAT 6164

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

61-Pm-152



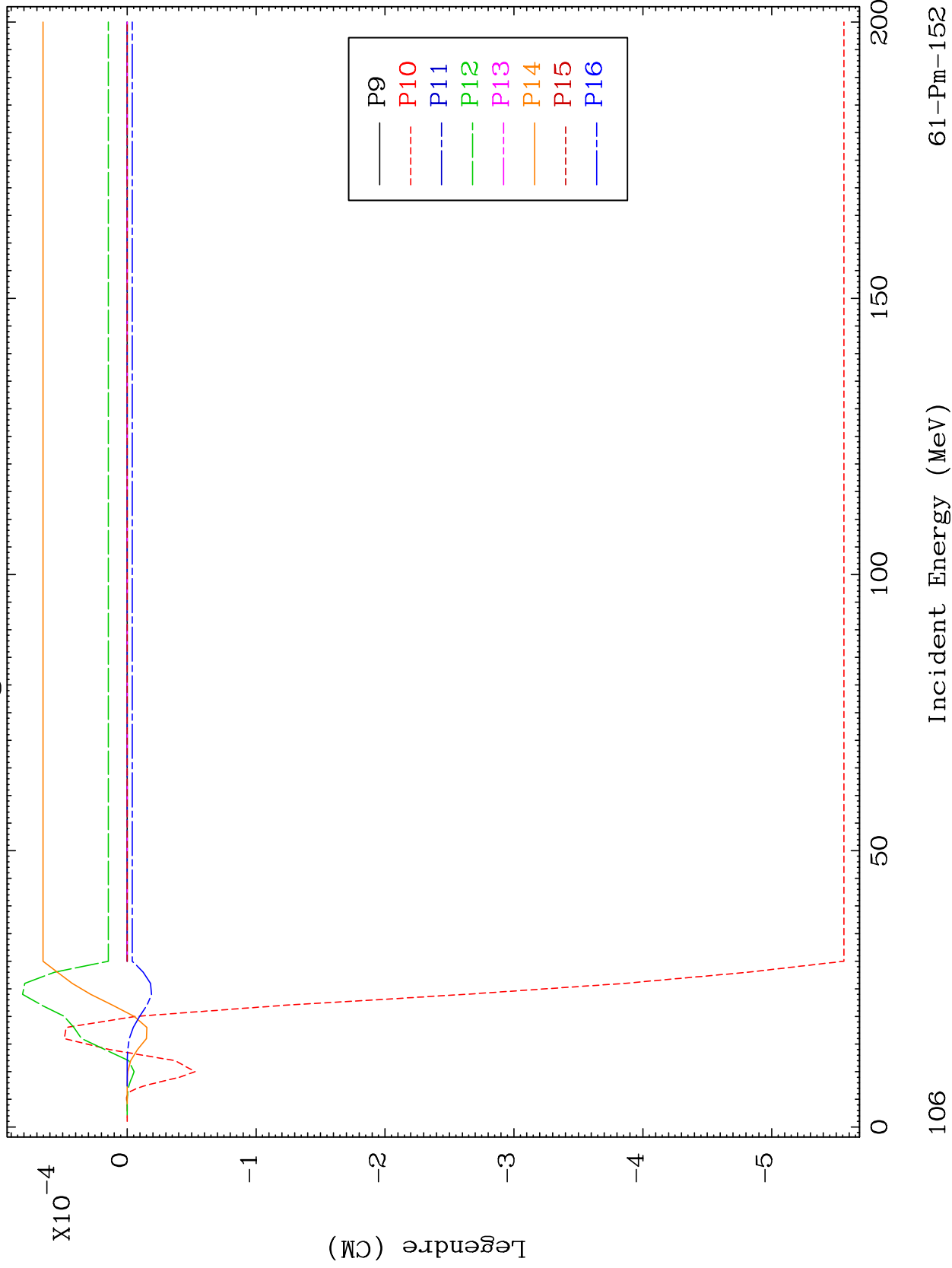
61-Pm-152

MAT 6164

MT= 77 (n,n') Level

61-Pm-152

Legendre Coefficients



61-Pm-152

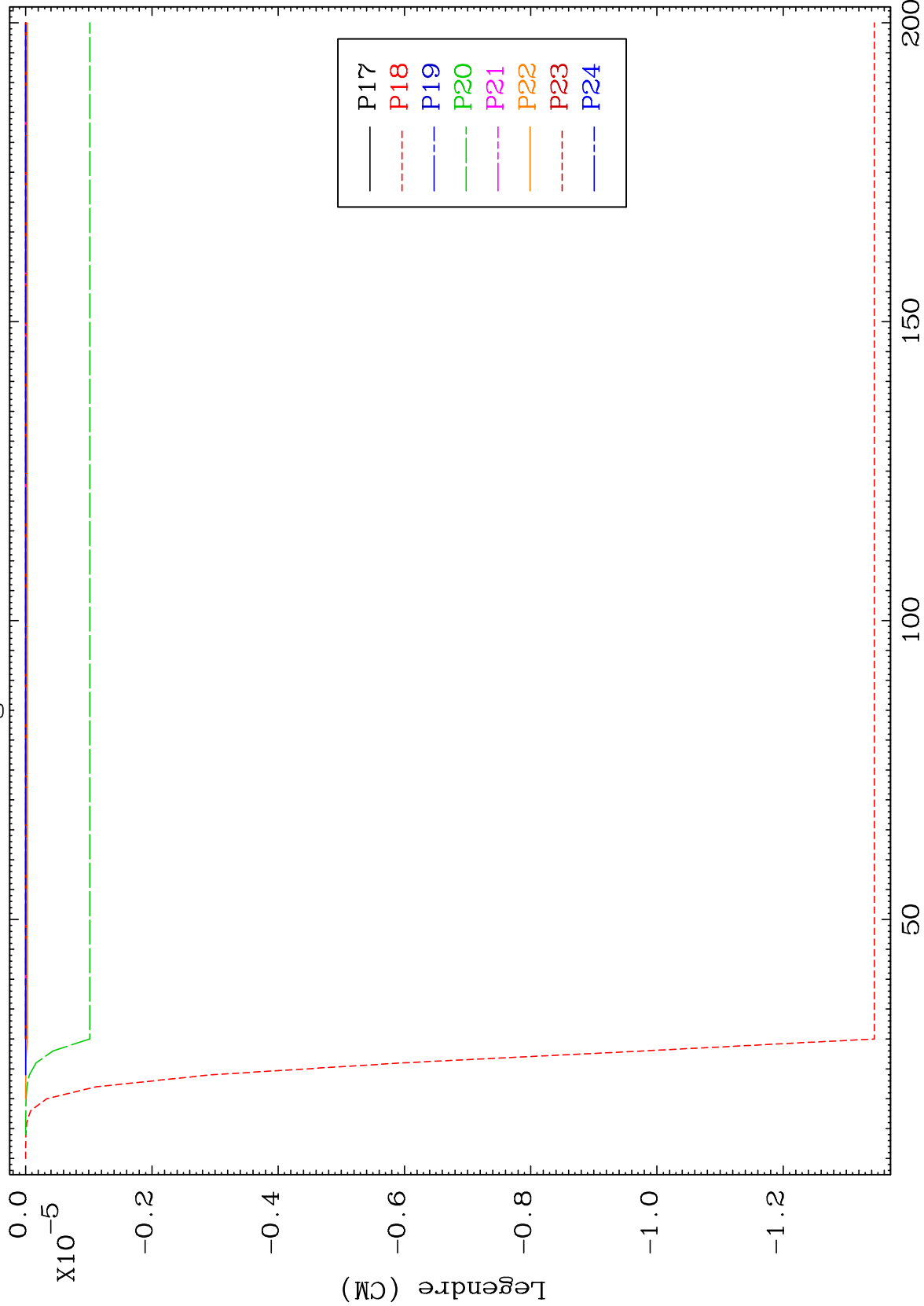
Incident Energy (MeV)

106

MAT 6164

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

61-Pm-152



107

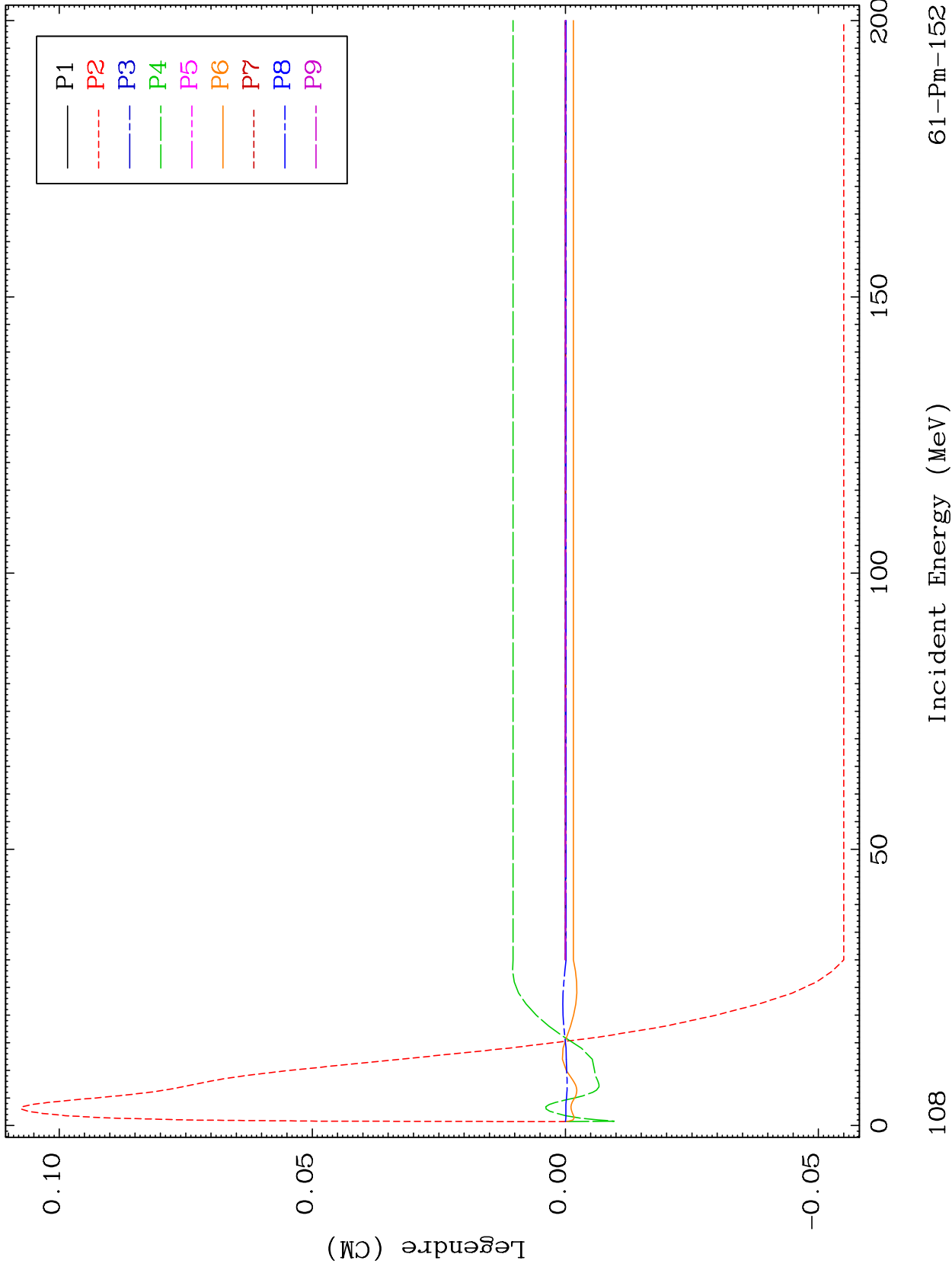
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

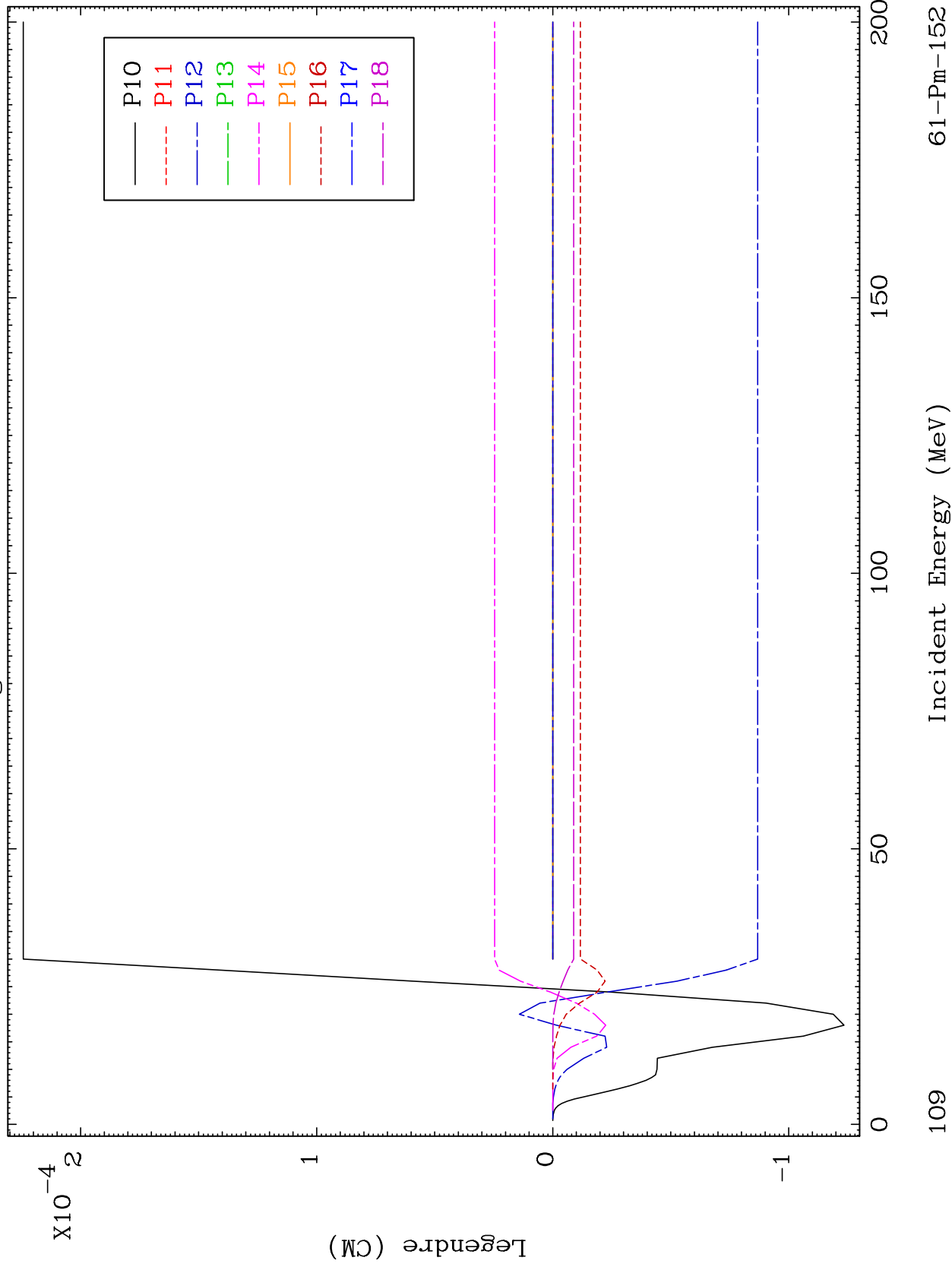
61-Pm-152



MAT 6164

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

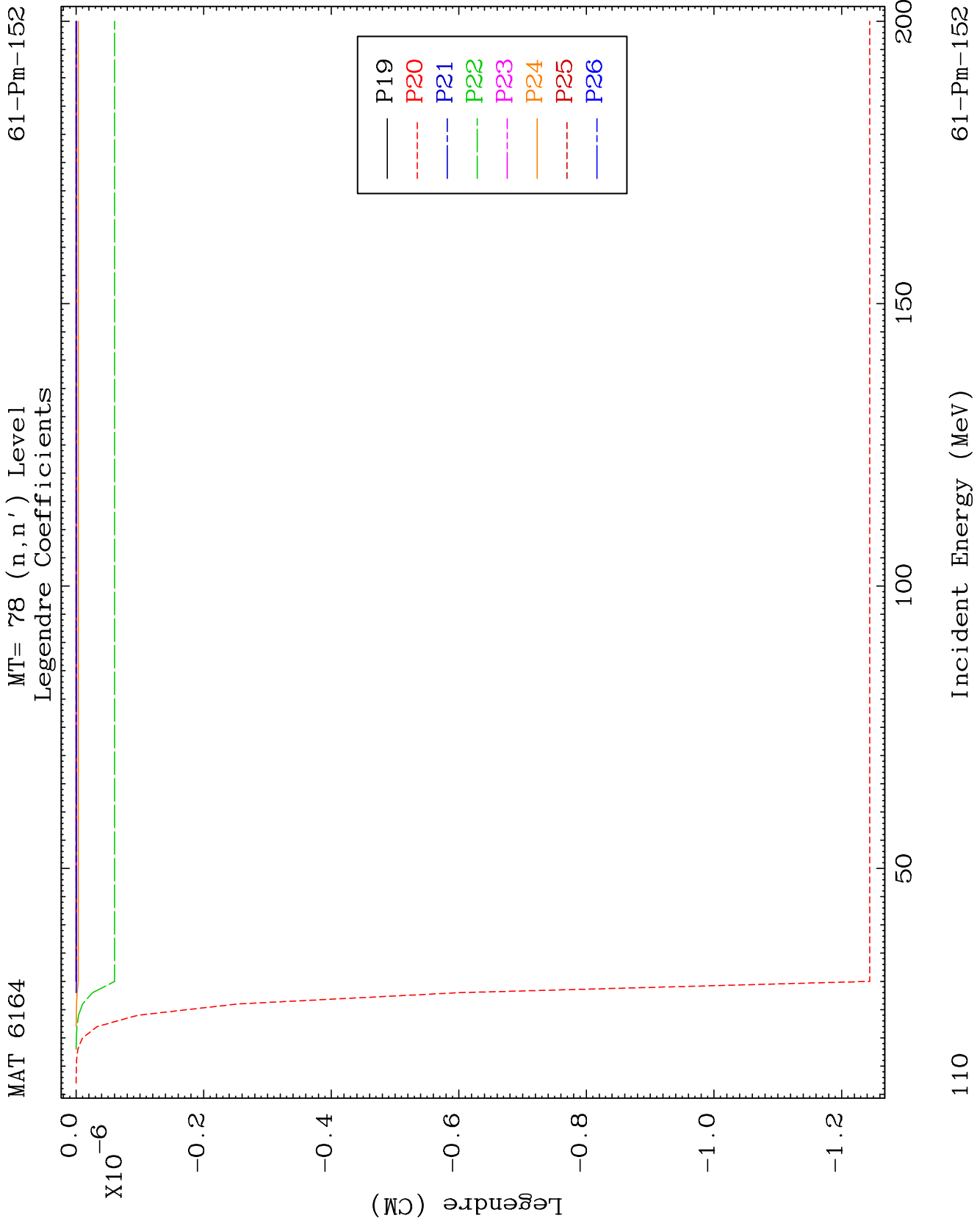
61-Pm-152



61-Pm-152

Incident Energy (MeV)

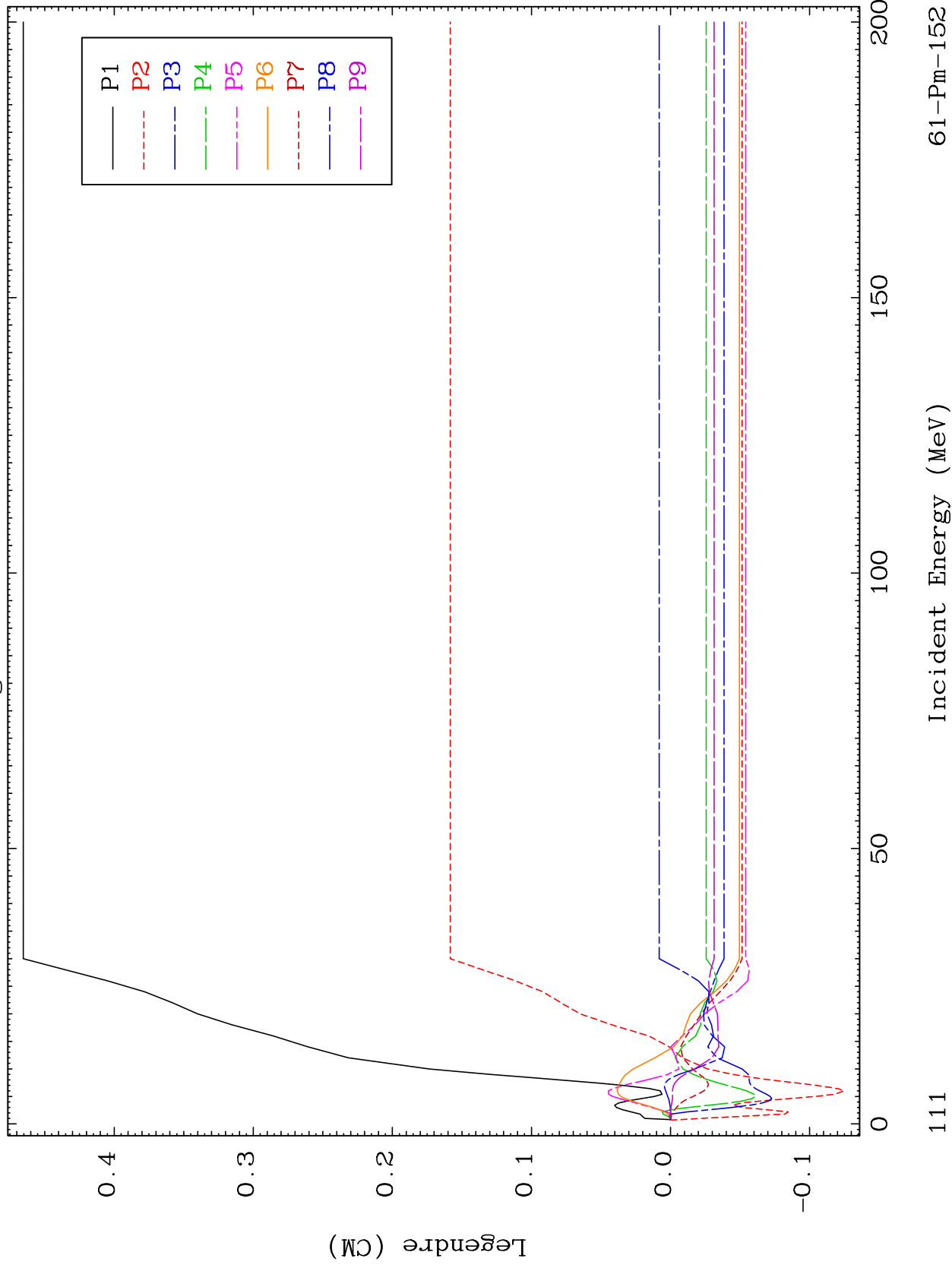
109



MAT 6164

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

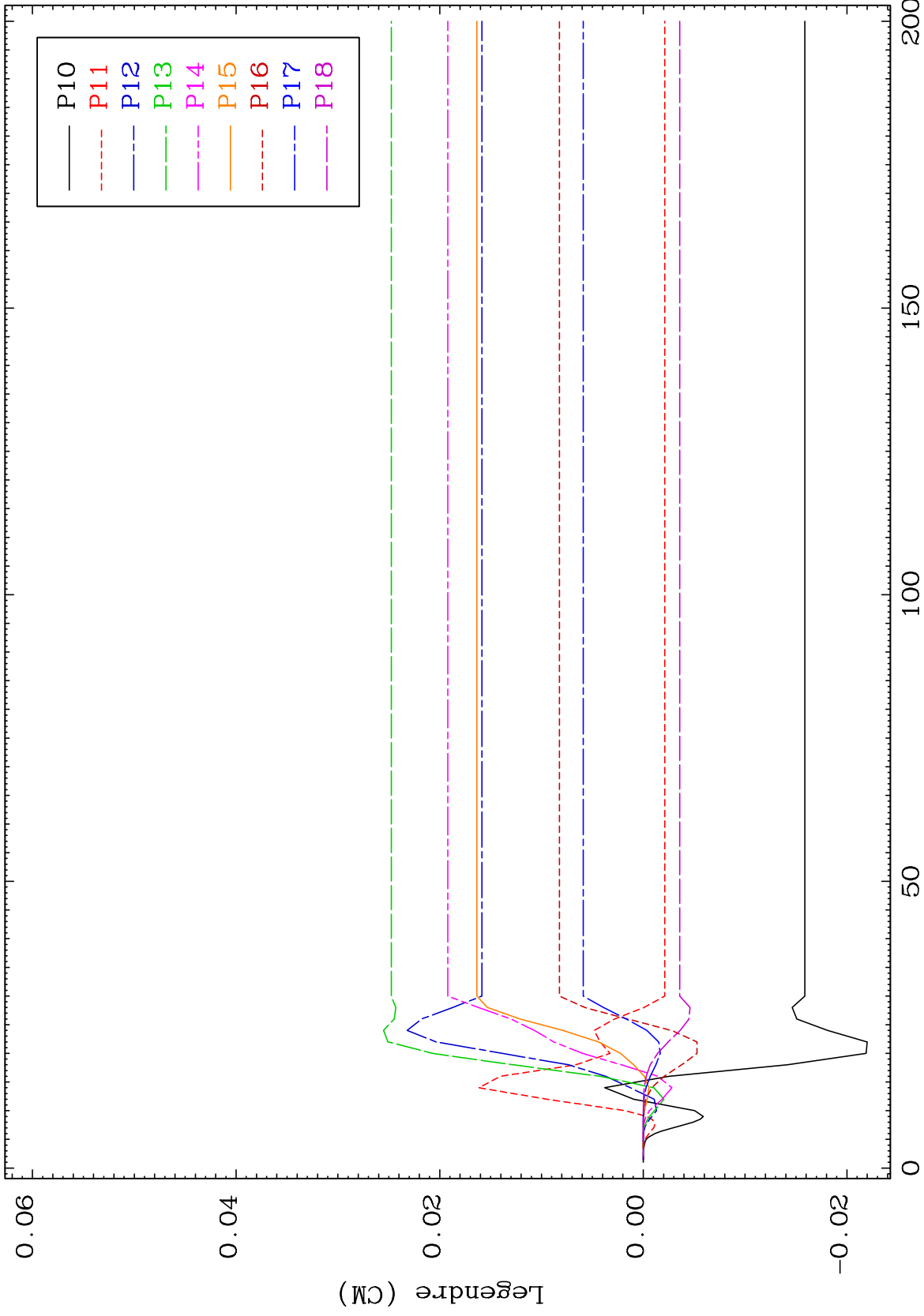
61-Pm-152



MAT 6164

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

61-Pm-152



112

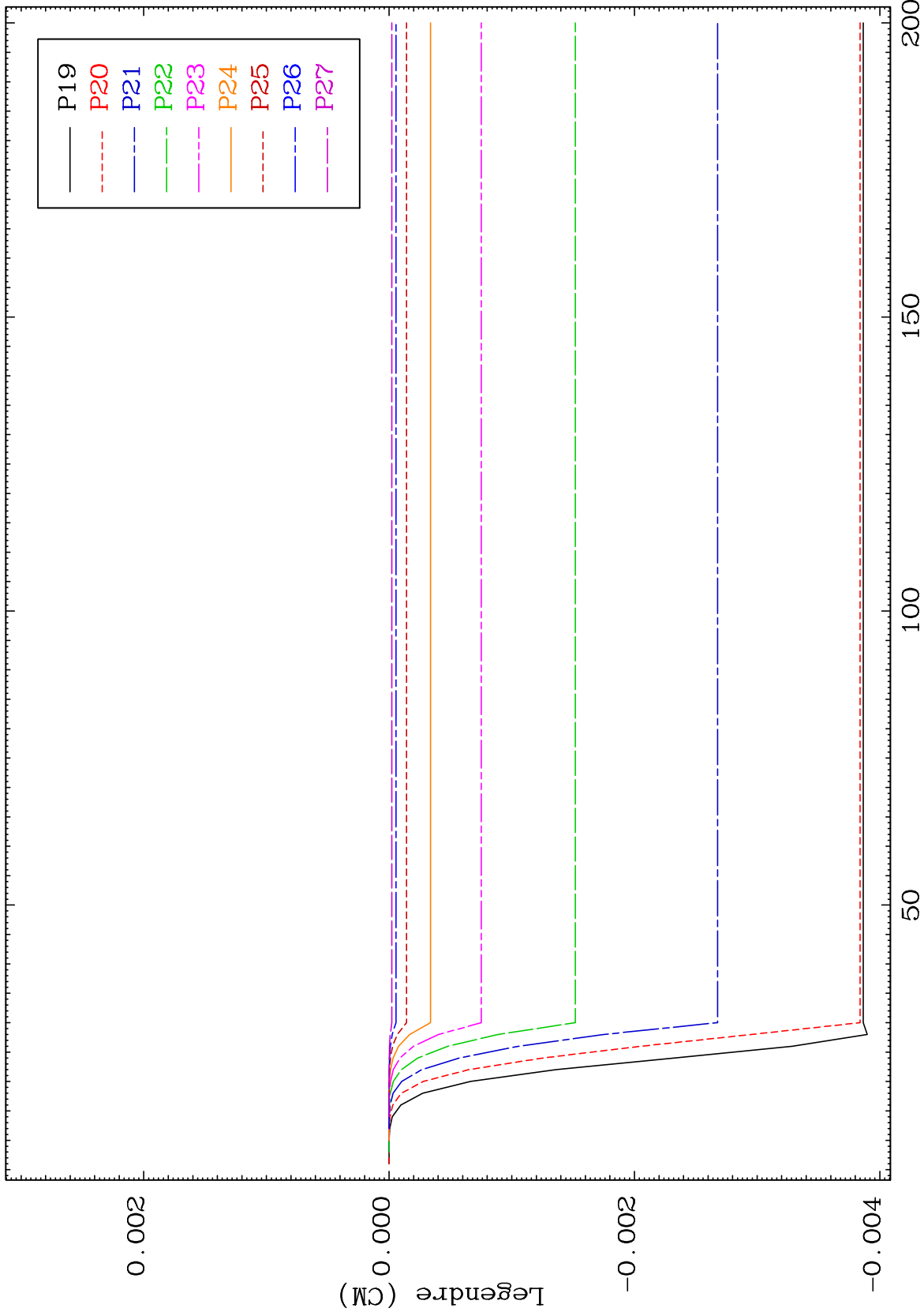
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



113

Incident Energy (MeV)

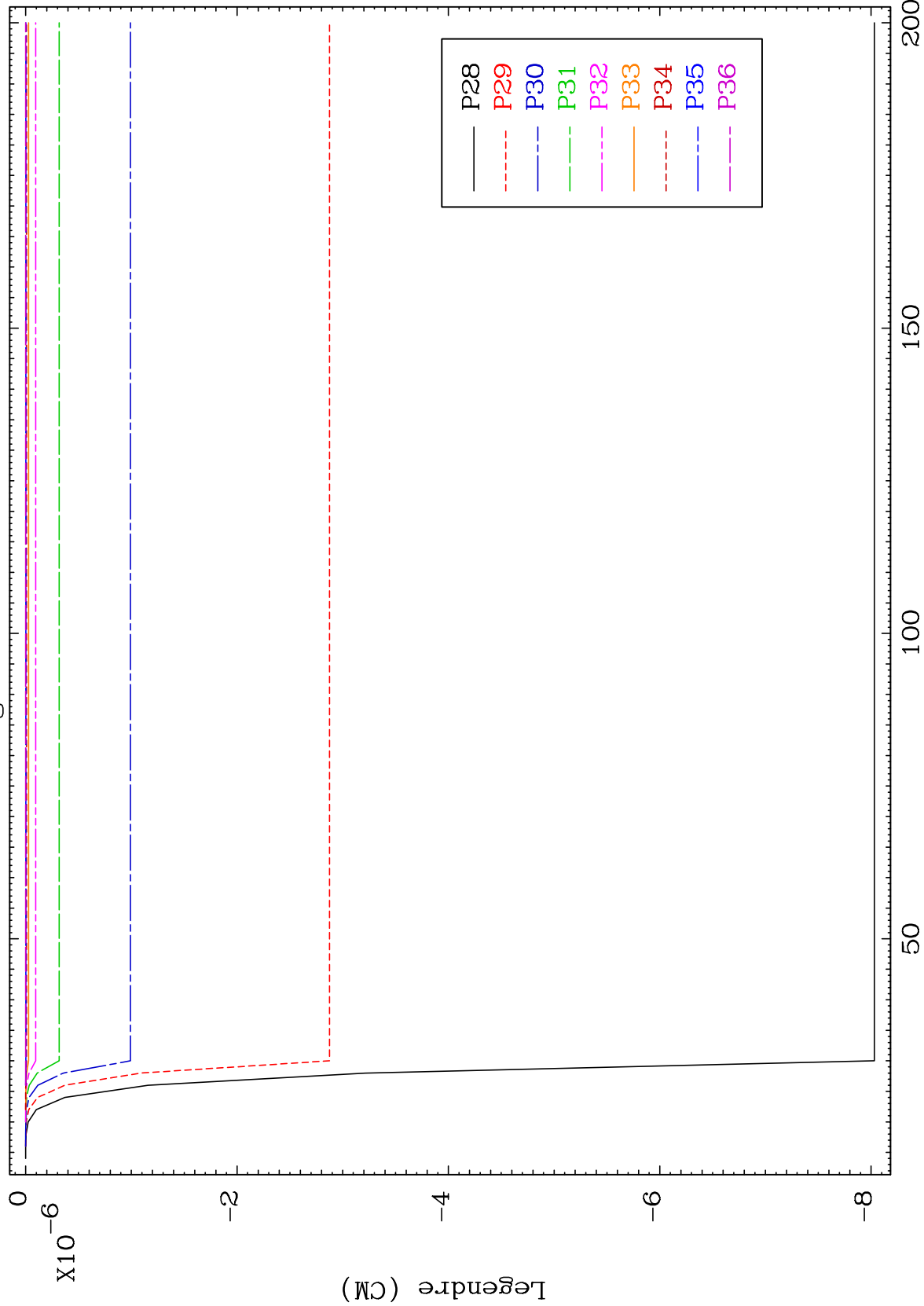
61-Pm-152

MAT 6164

MT= 79 (n,n') Level

61-Pm-152

Legendre Coefficients



61-Pm-152

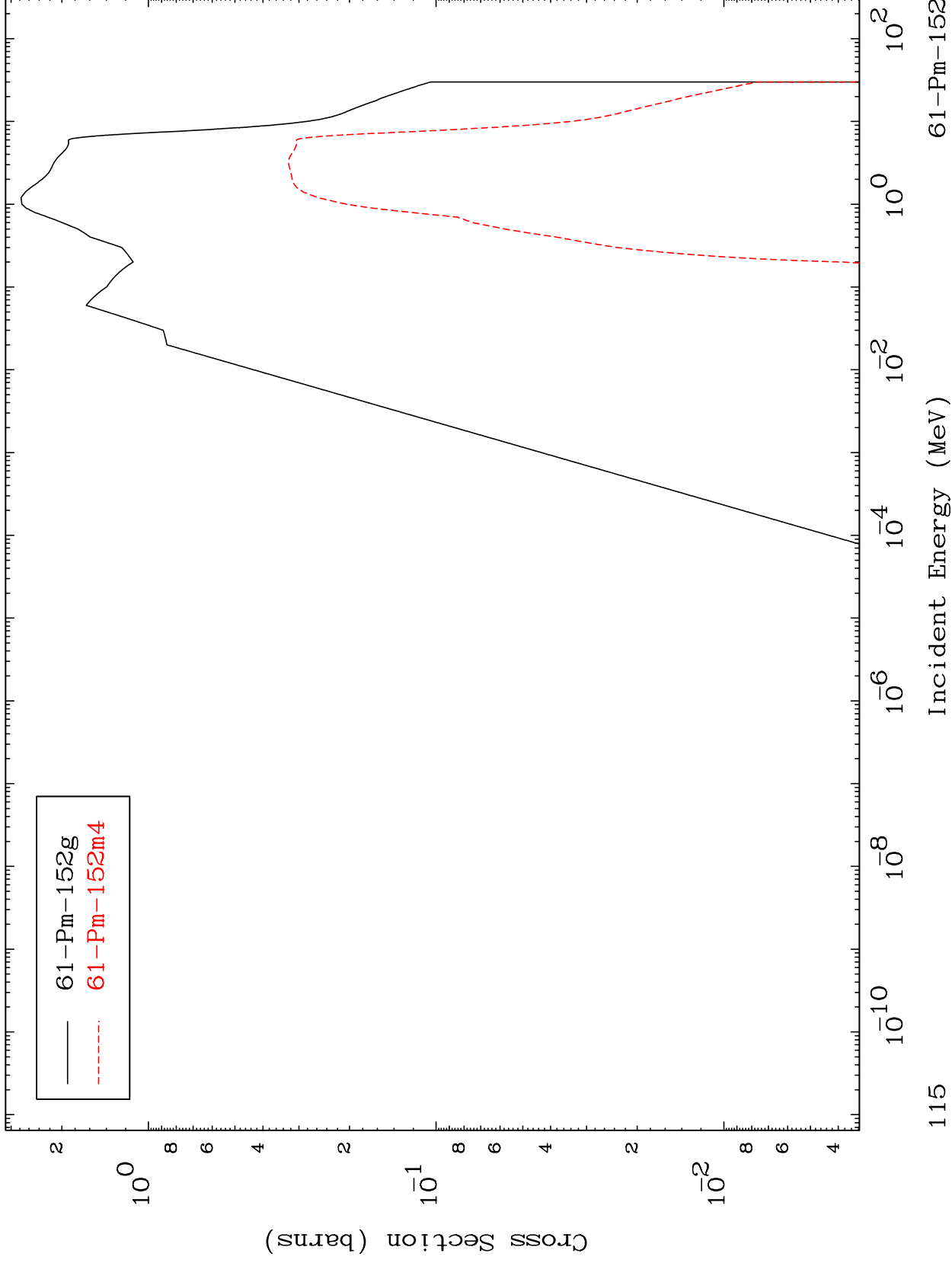
Incident Energy (MeV)

114

MAT 6164

Radionuclide Production Cross Section

61-Pm-152

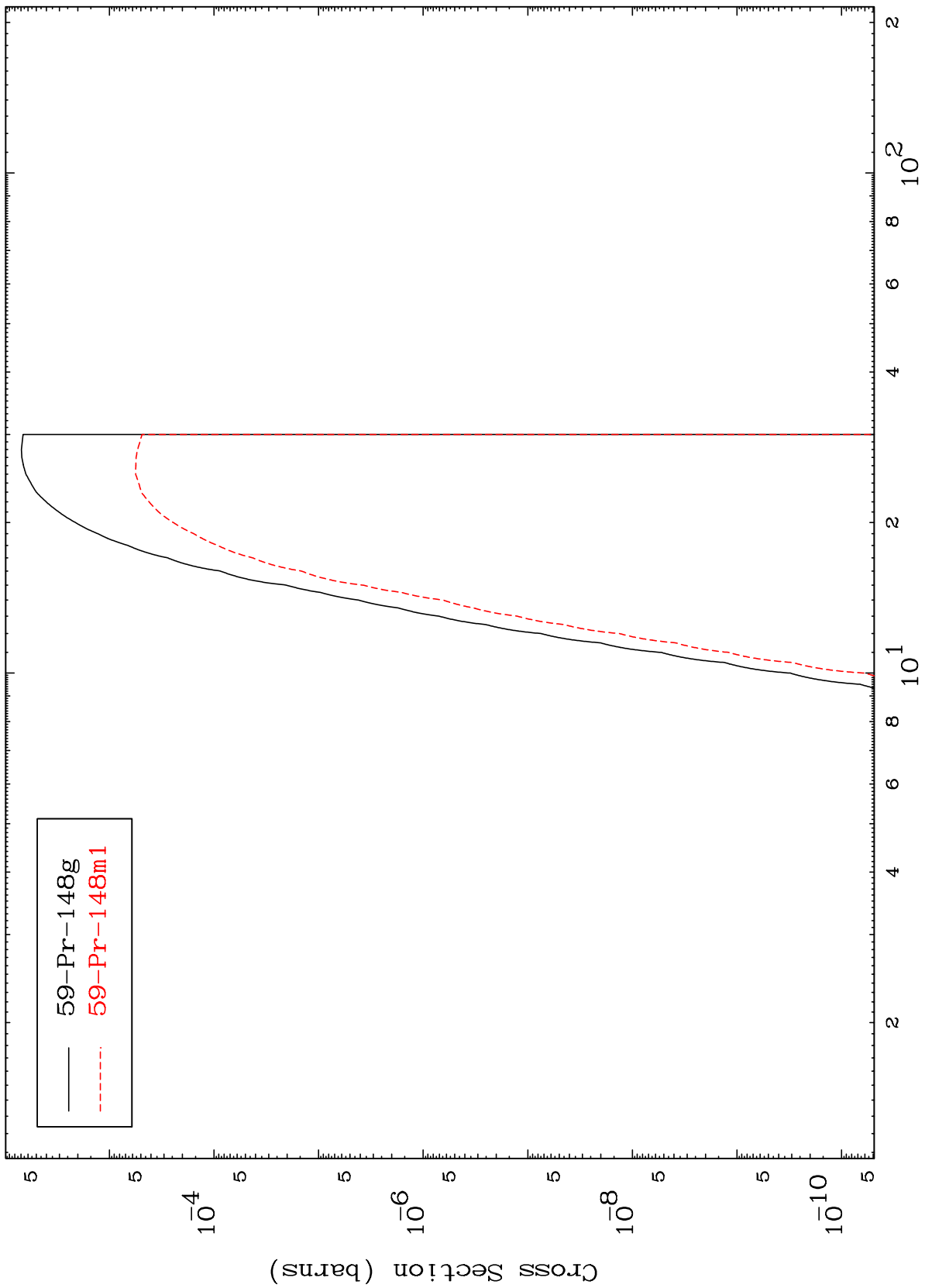


MAT 6164

(n,n') α

61-Pm-152

Radionuclide Production Cross Section



116

Incident Energy (MeV)

61-Pm-152