

Program EVALPLOT
(Version 2021-1)

by

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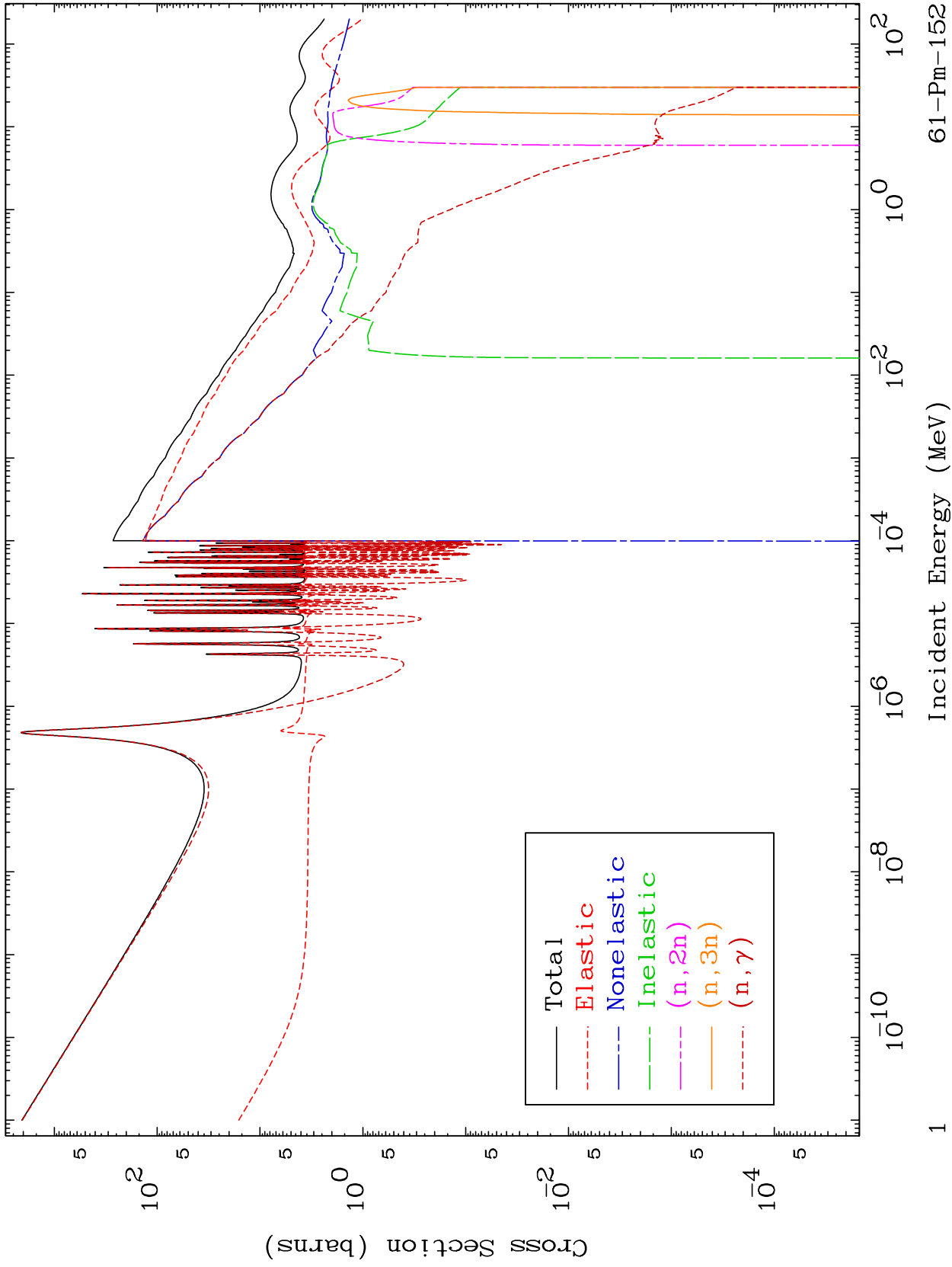
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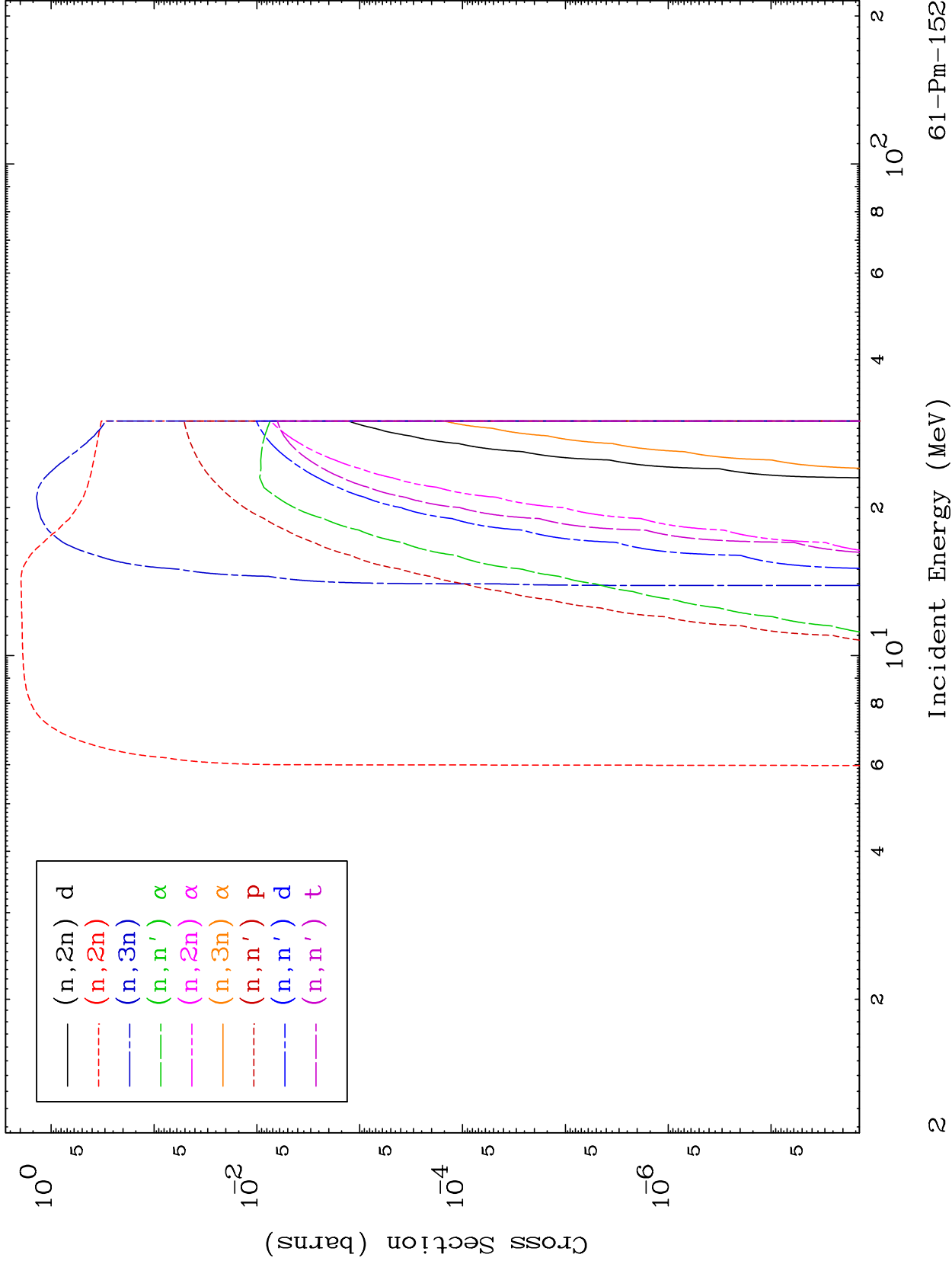
Press Mouse Button to Start

MAT 6164

Neutron Major
293 Kelvin Cross Sections

61-Pm-152

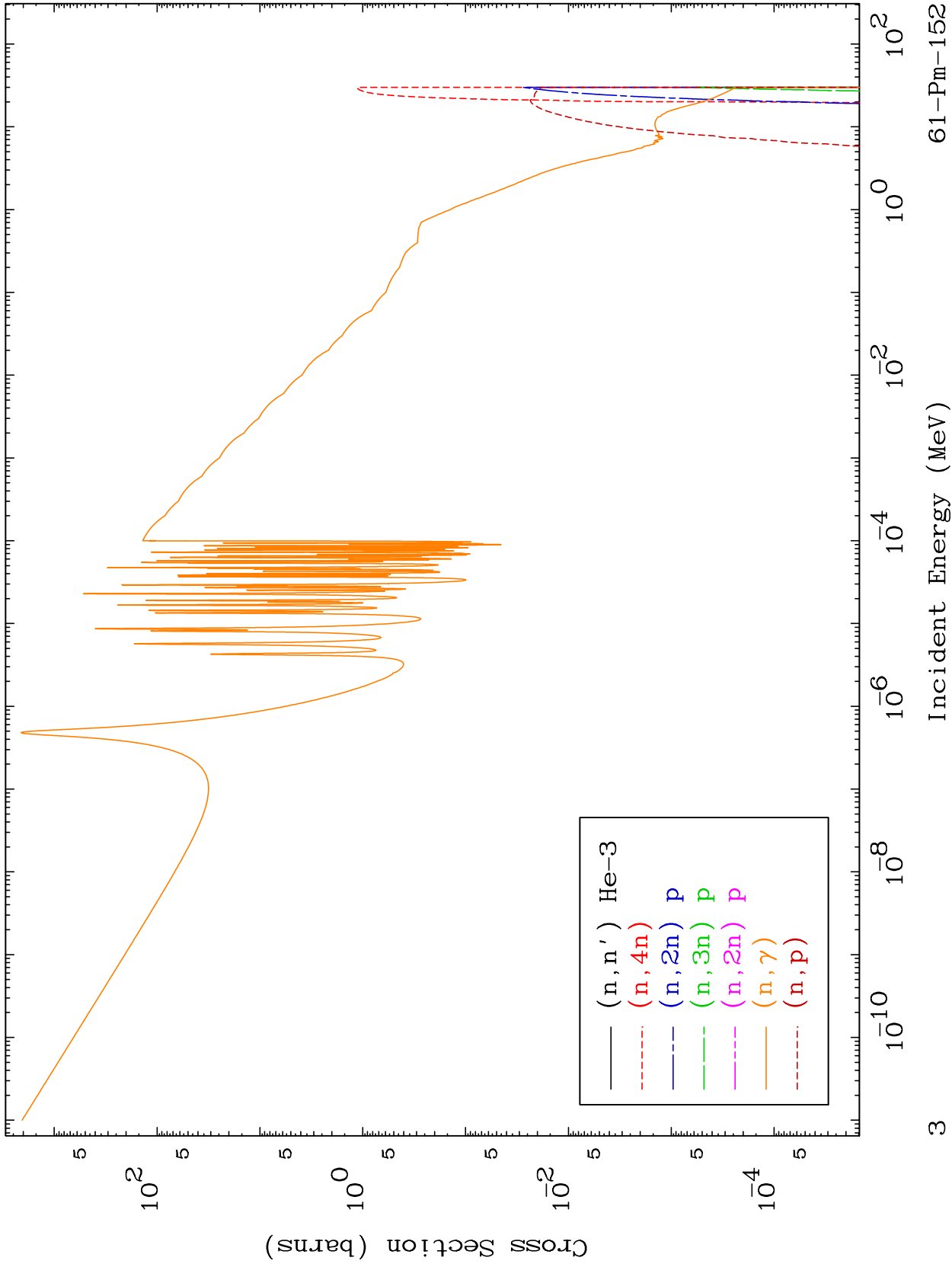




MAT 6164

Neutron Absorption
293 Kelvin Cross Sections

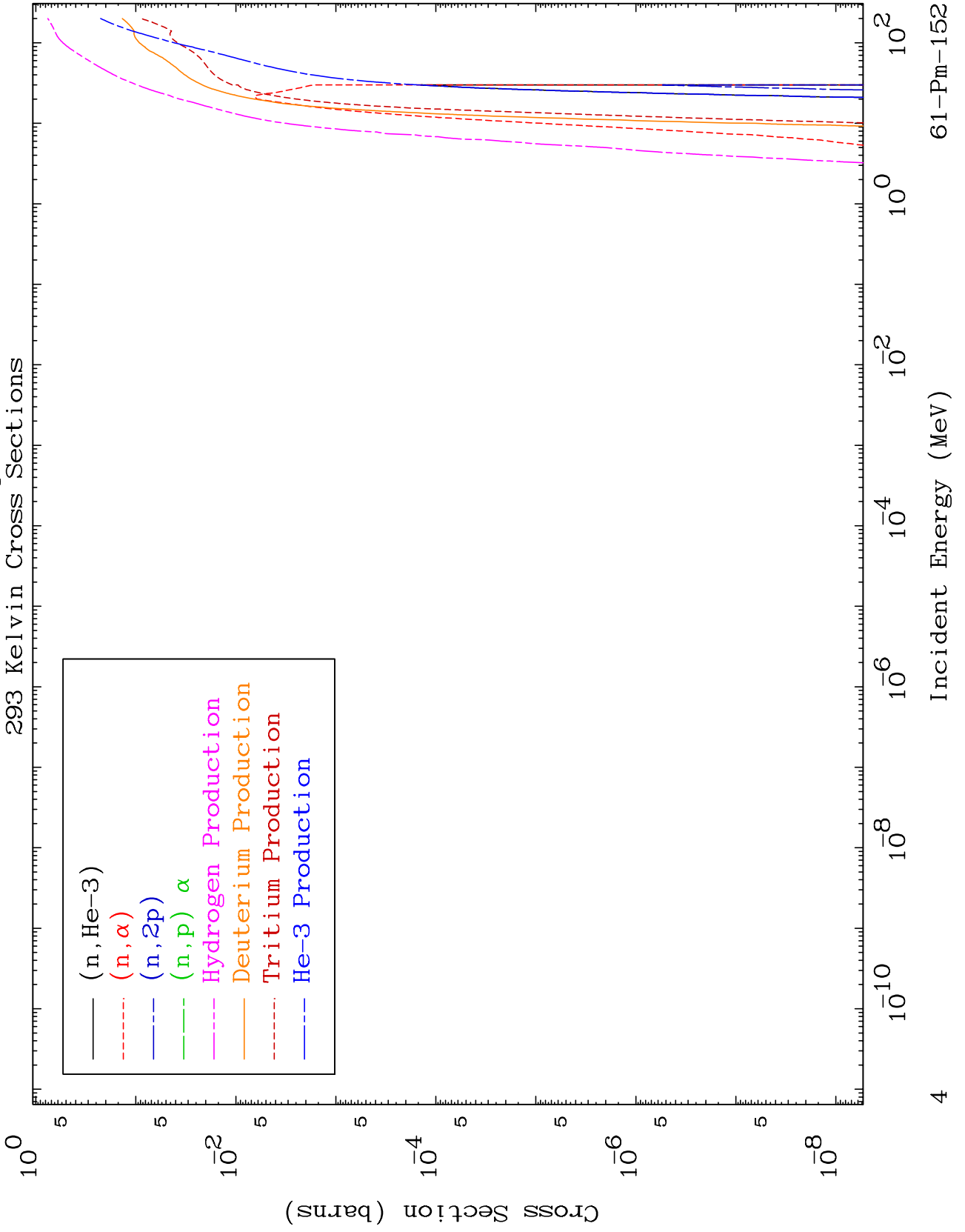
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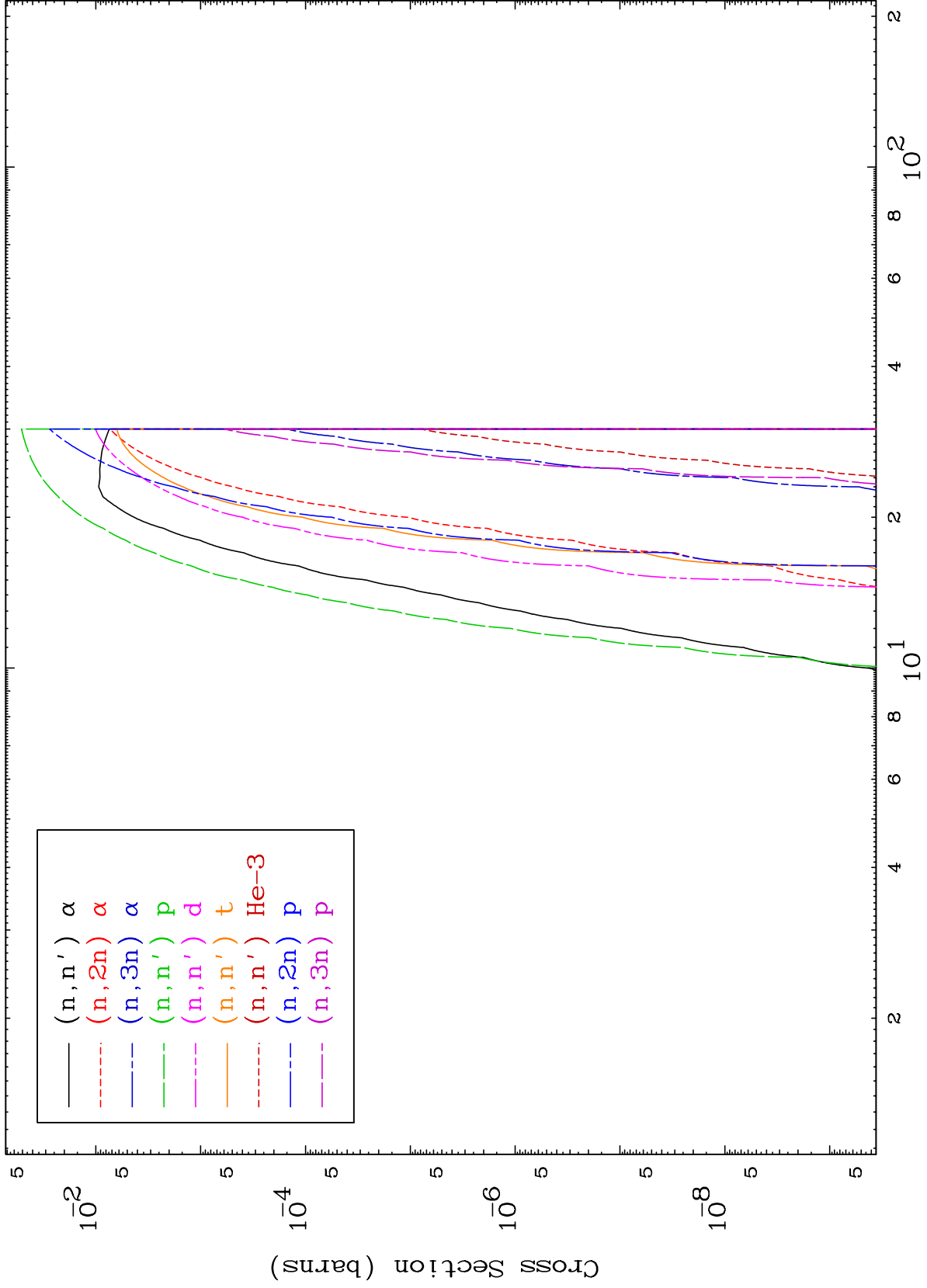


MAT 6164

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-152

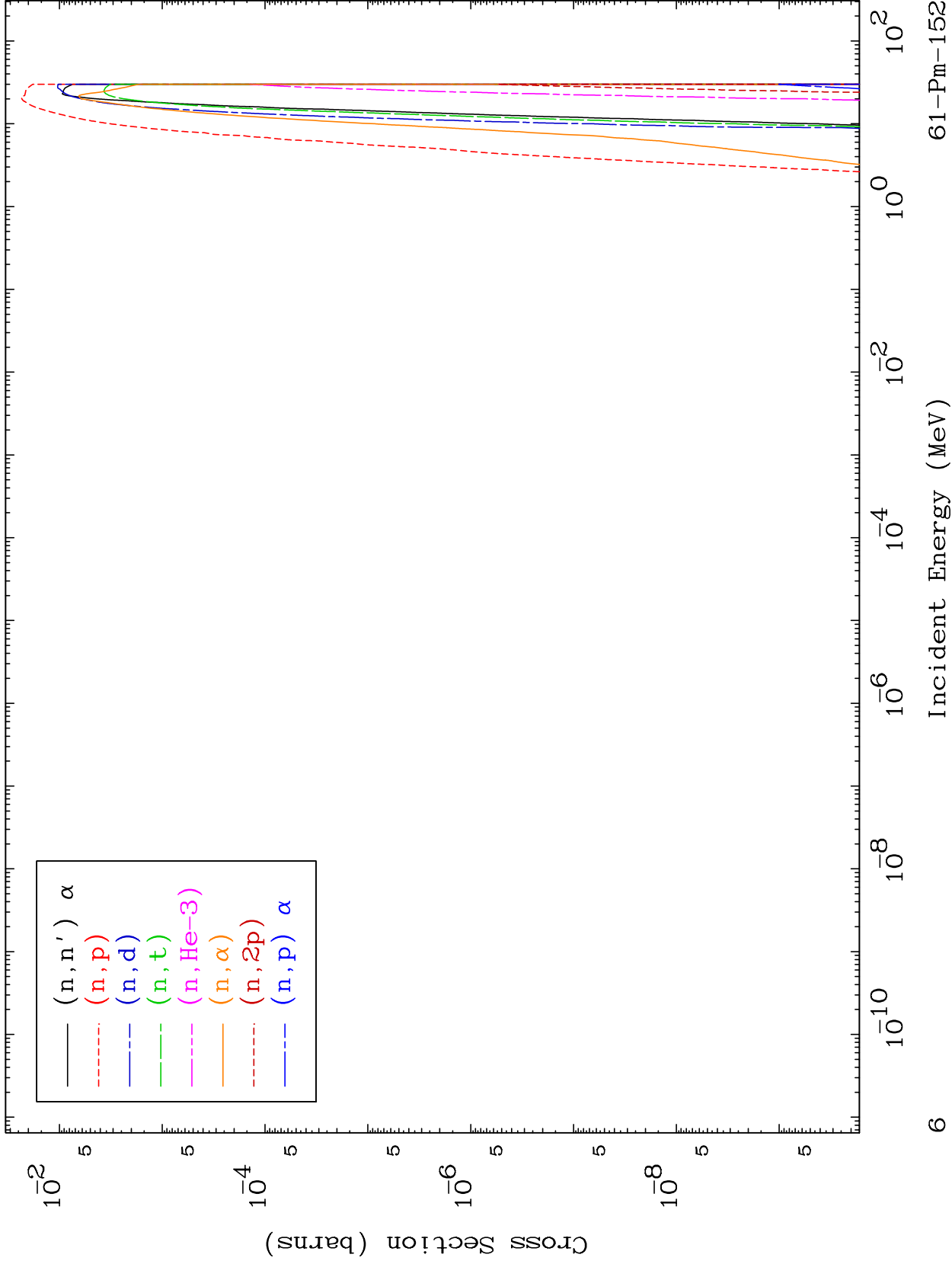




MAT 6164

Charged Particle
293 Kelvin Cross Sections

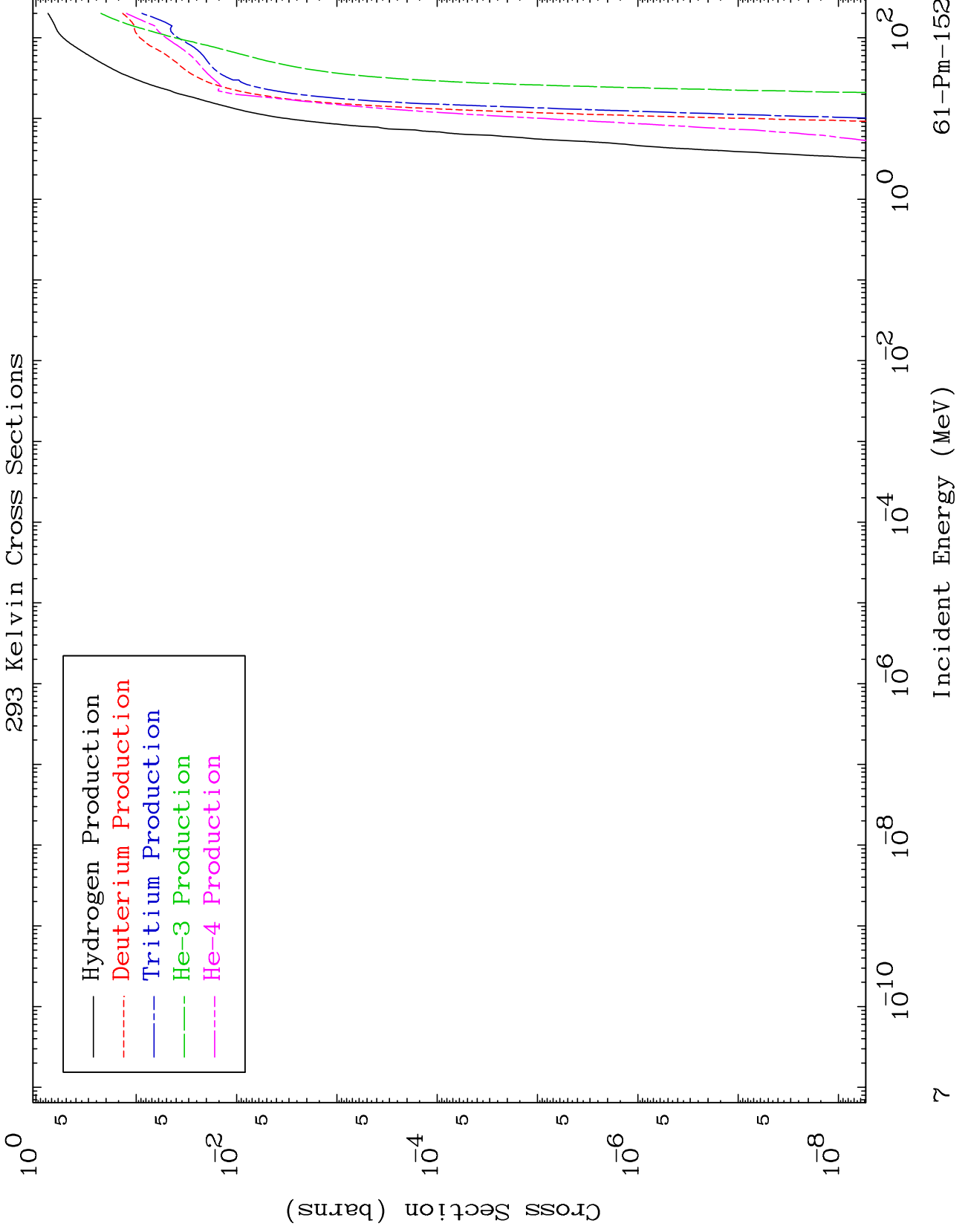
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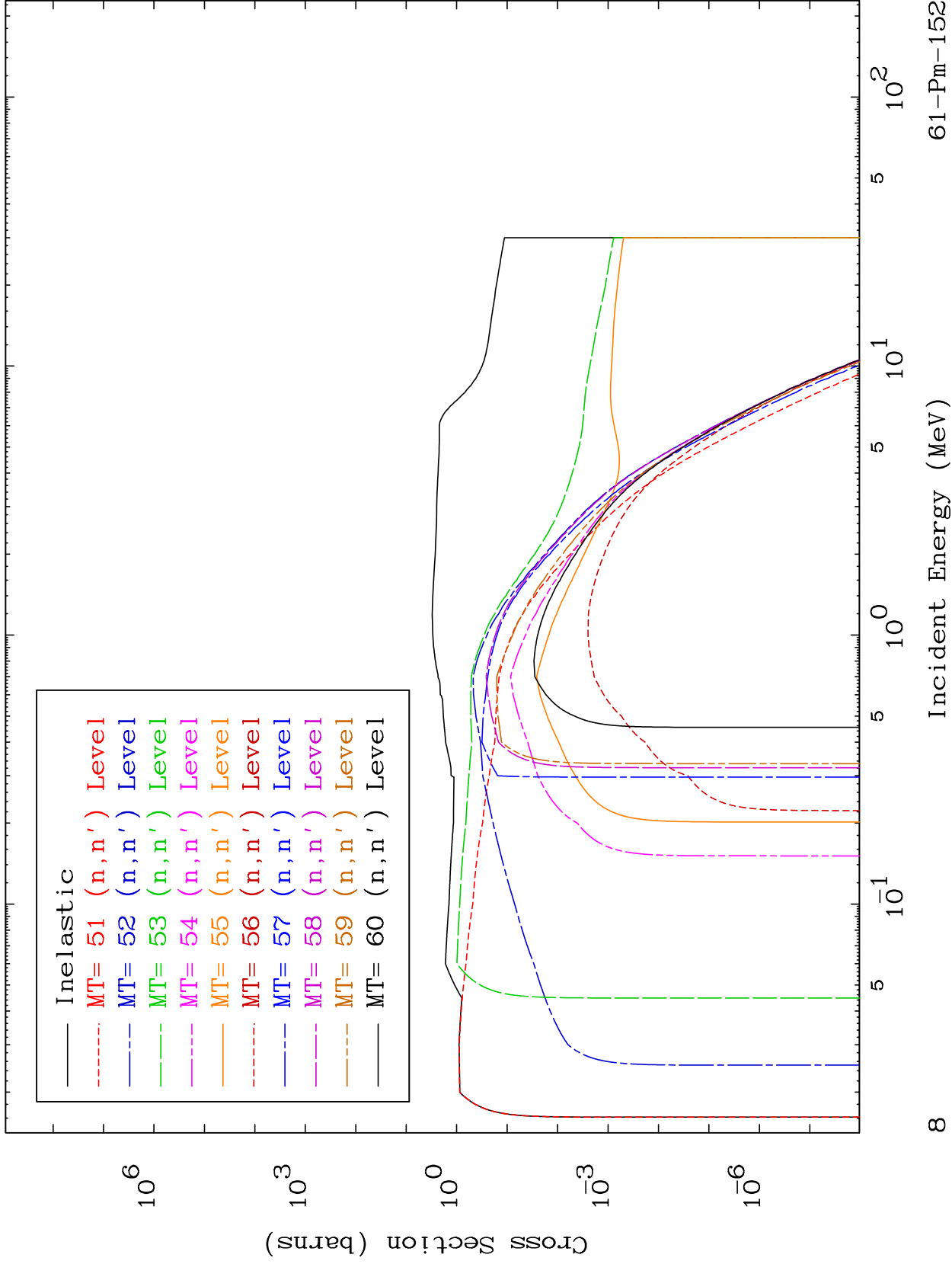


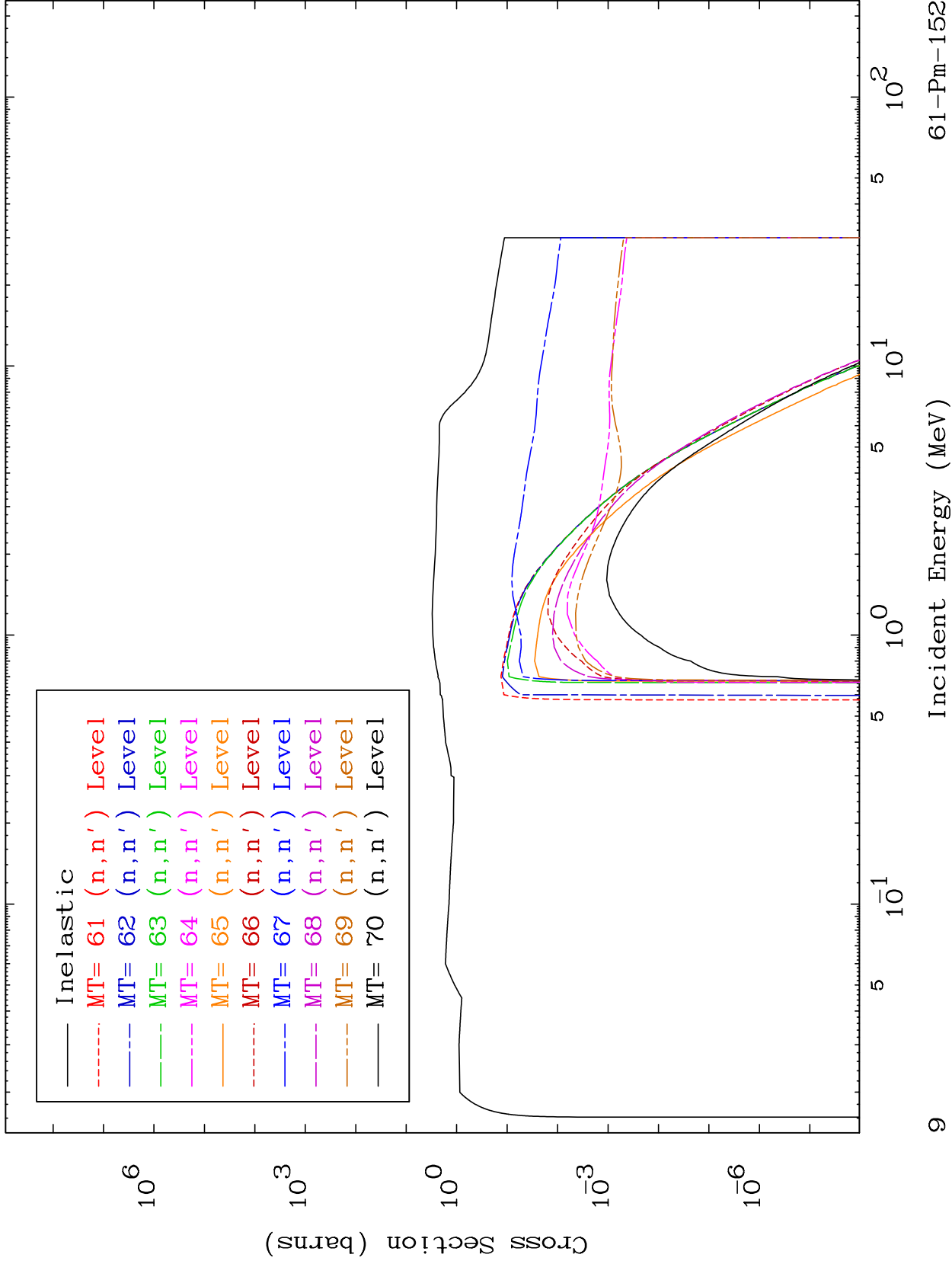
MAT 6164

Particle Production
293 Kelvin Cross Sections

61-Pm-152



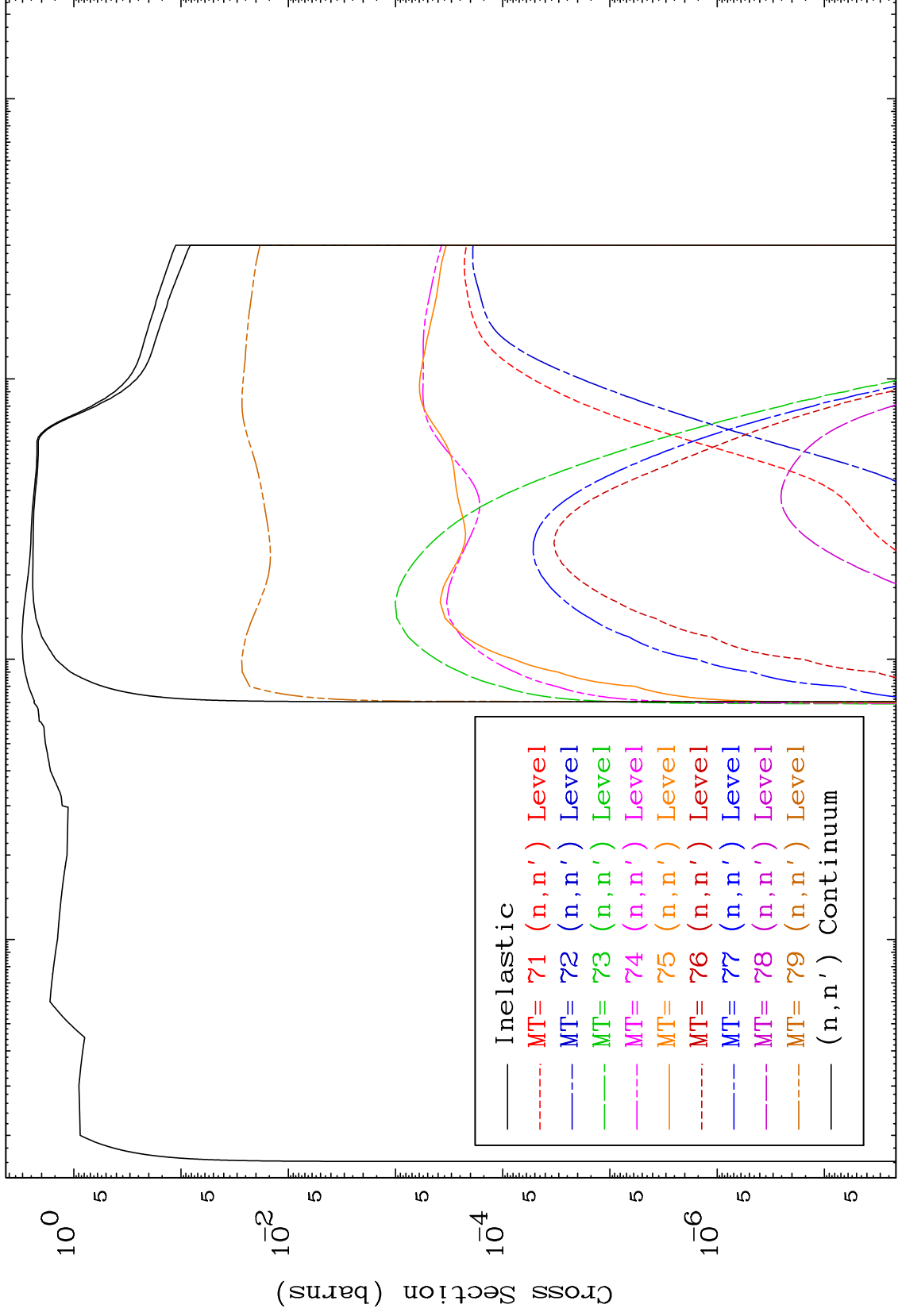




MAT 6164

293 Kelvin Cross Sections
(n,n') Levels

61-Pm-152



10

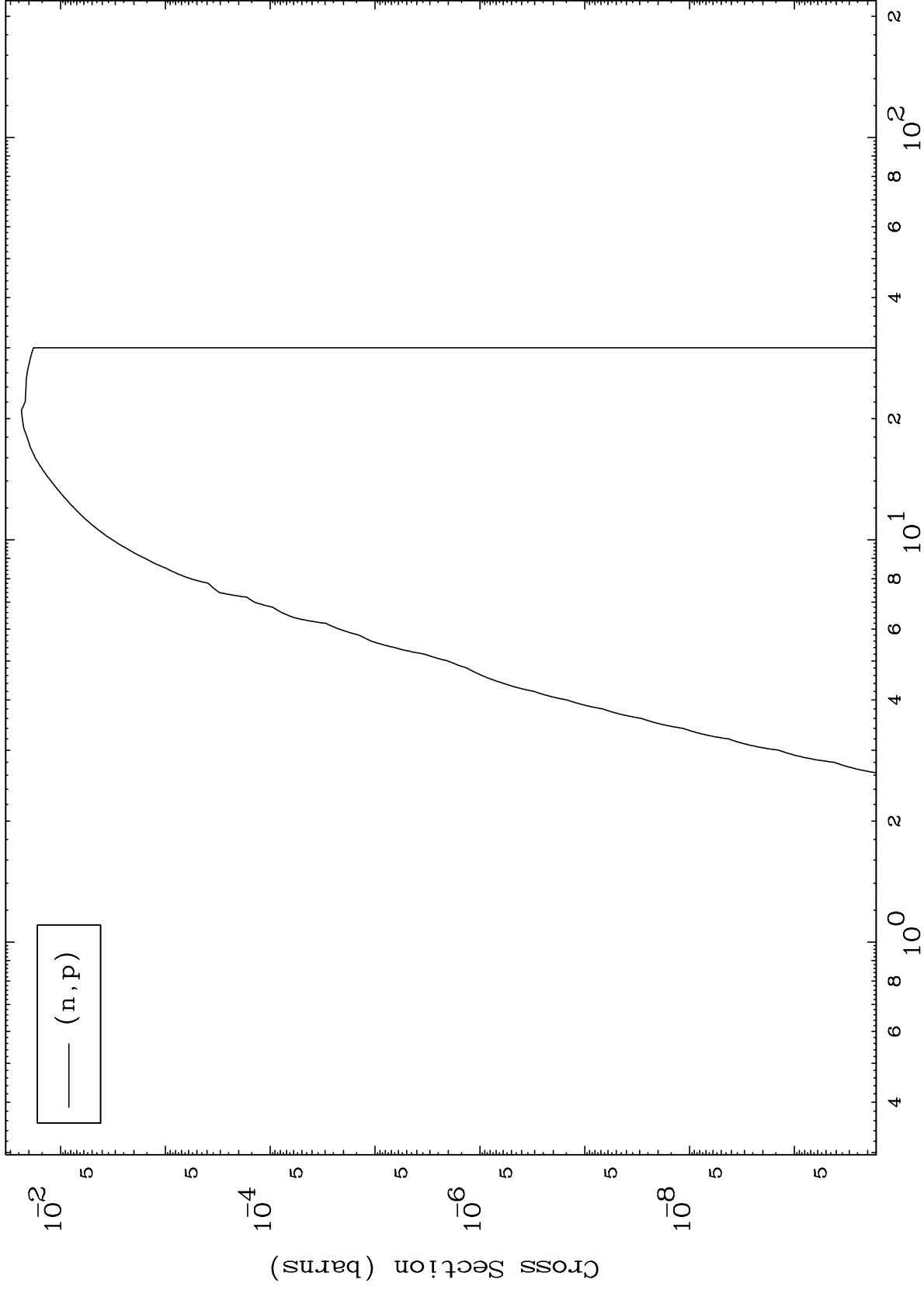
Incident Energy (MeV)

61-Pm-152

MAT 6164

(n,p) Levels
293 Kelvin Cross Sections

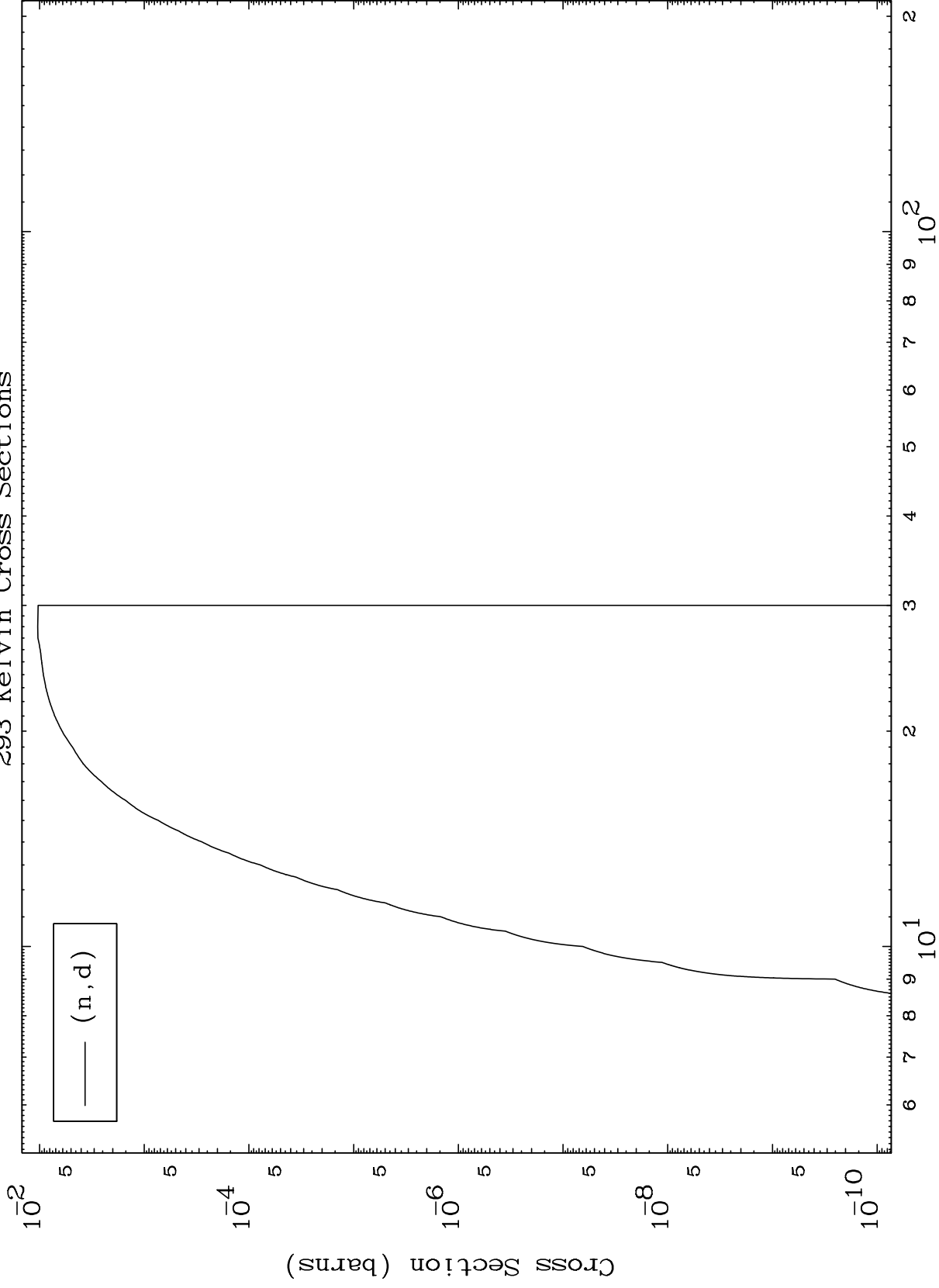
61-Pm-152



MAT 6164

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-152



12

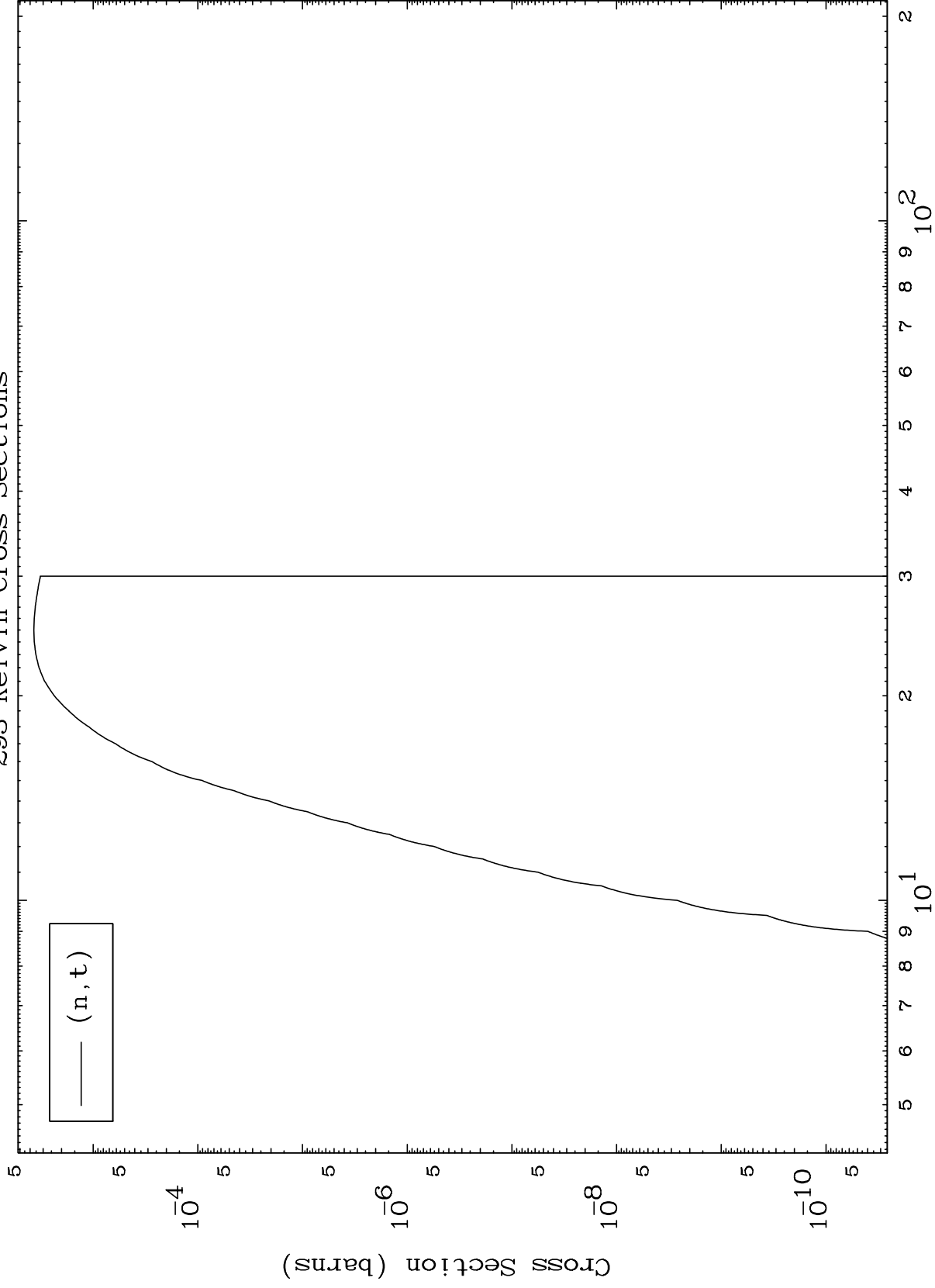
Incident Energy (MeV)

61-Pm-152

MAT 6164

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-152



13

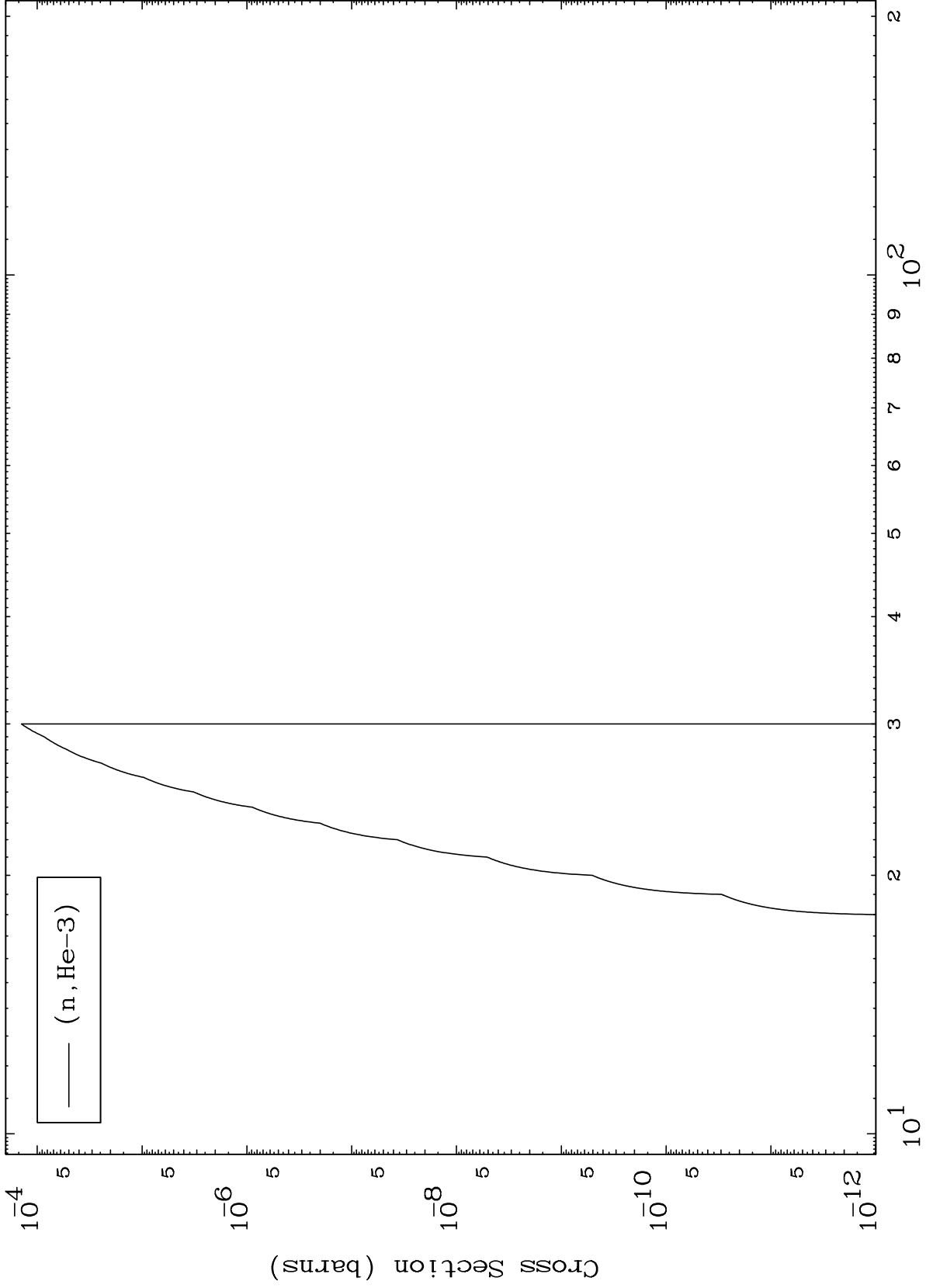
Incident Energy (MeV)

61-Pm-152

MAT 6164

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-152



Incident Energy (MeV)

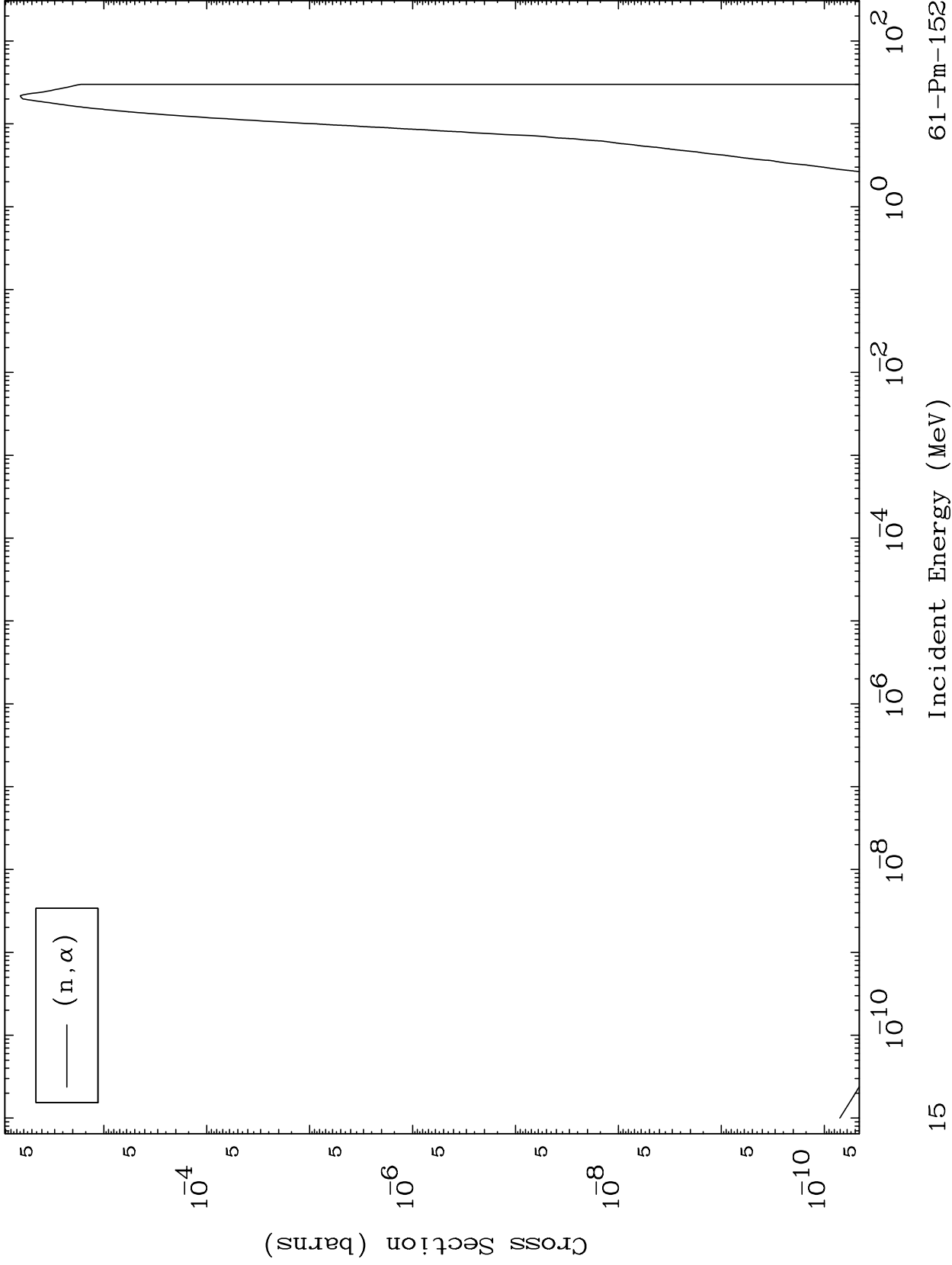
61-Pm-152

14

MAT 6164

(n, α) Levels
293 Kelvin Cross Sections

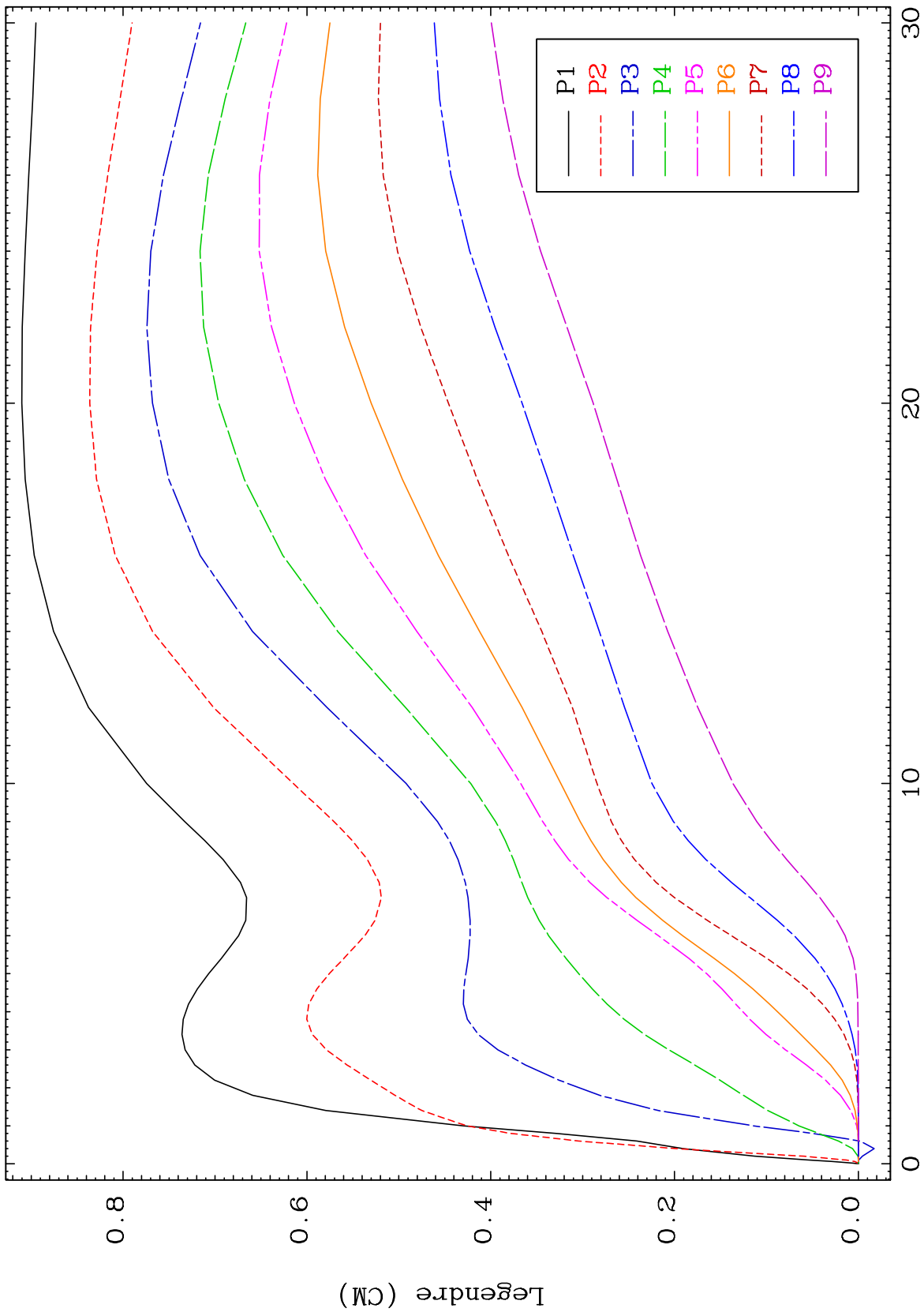
61-Pm-152



MAT 6164

Elastic Legendre Coefficients

61-Pm-152



16

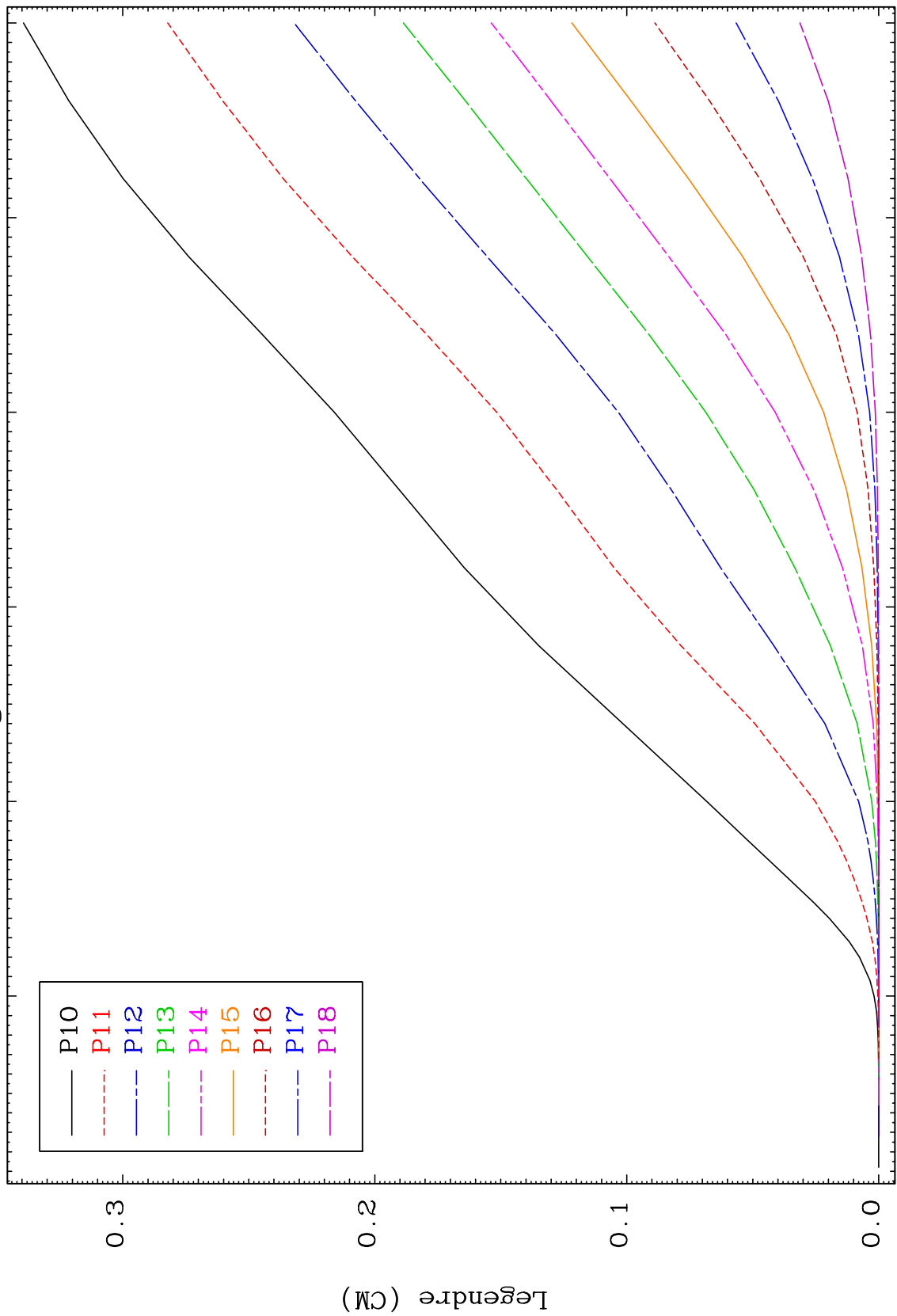
Incident Energy (MeV)

61-Pm-152

MAT 6164

Elastic Legendre Coefficients

61-Pm-152



17

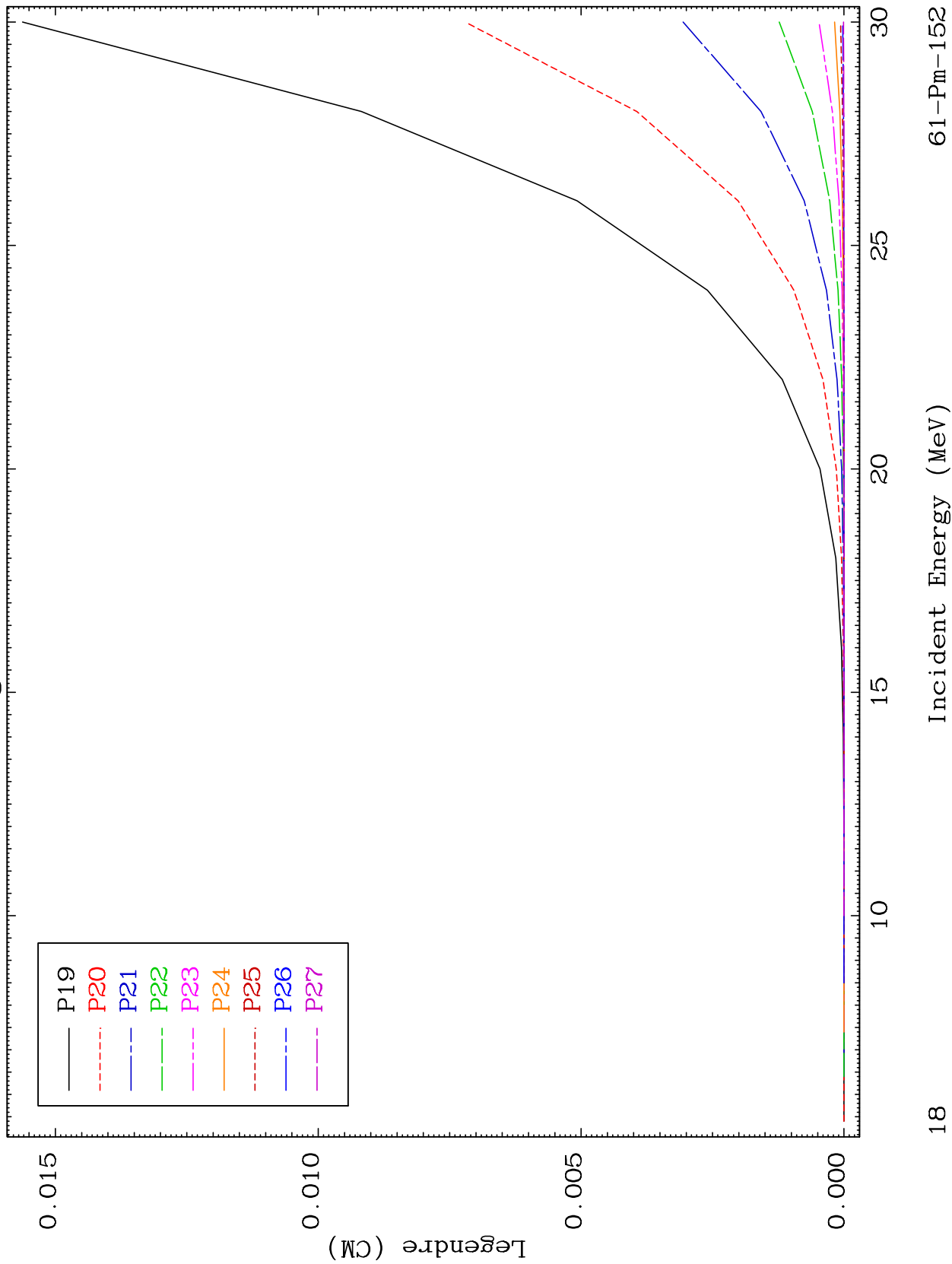
Incident Energy (MeV)

61-Pm-152

MAT 6164

Elastic Legendre Coefficients

61-Pm-152



18

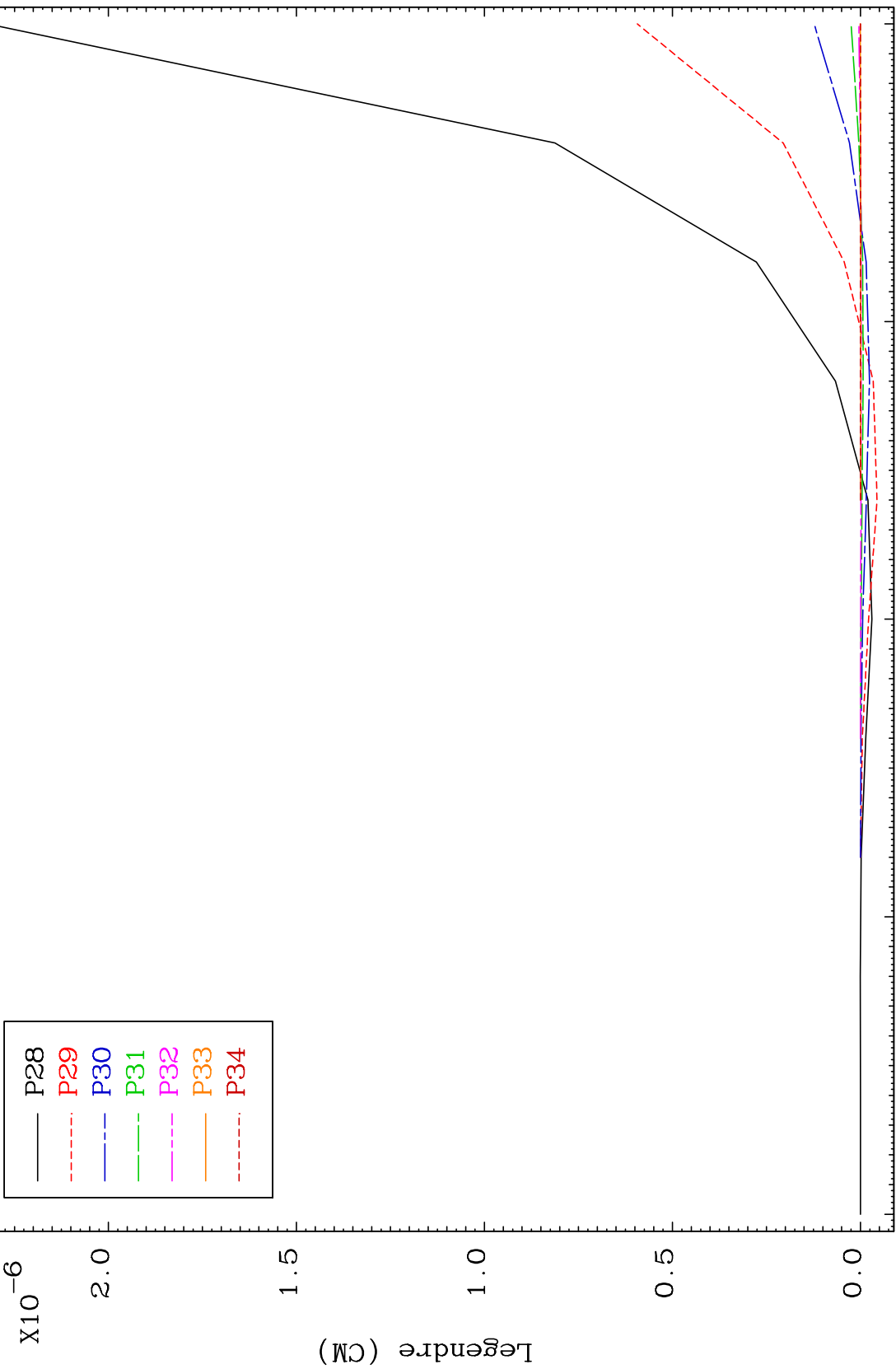
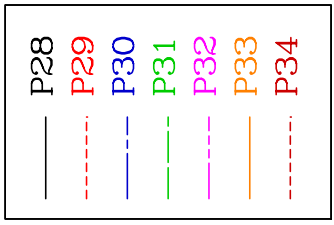
Incident Energy (MeV)

61-Pm-152

MAT 6164

Elastic Legendre Coefficients

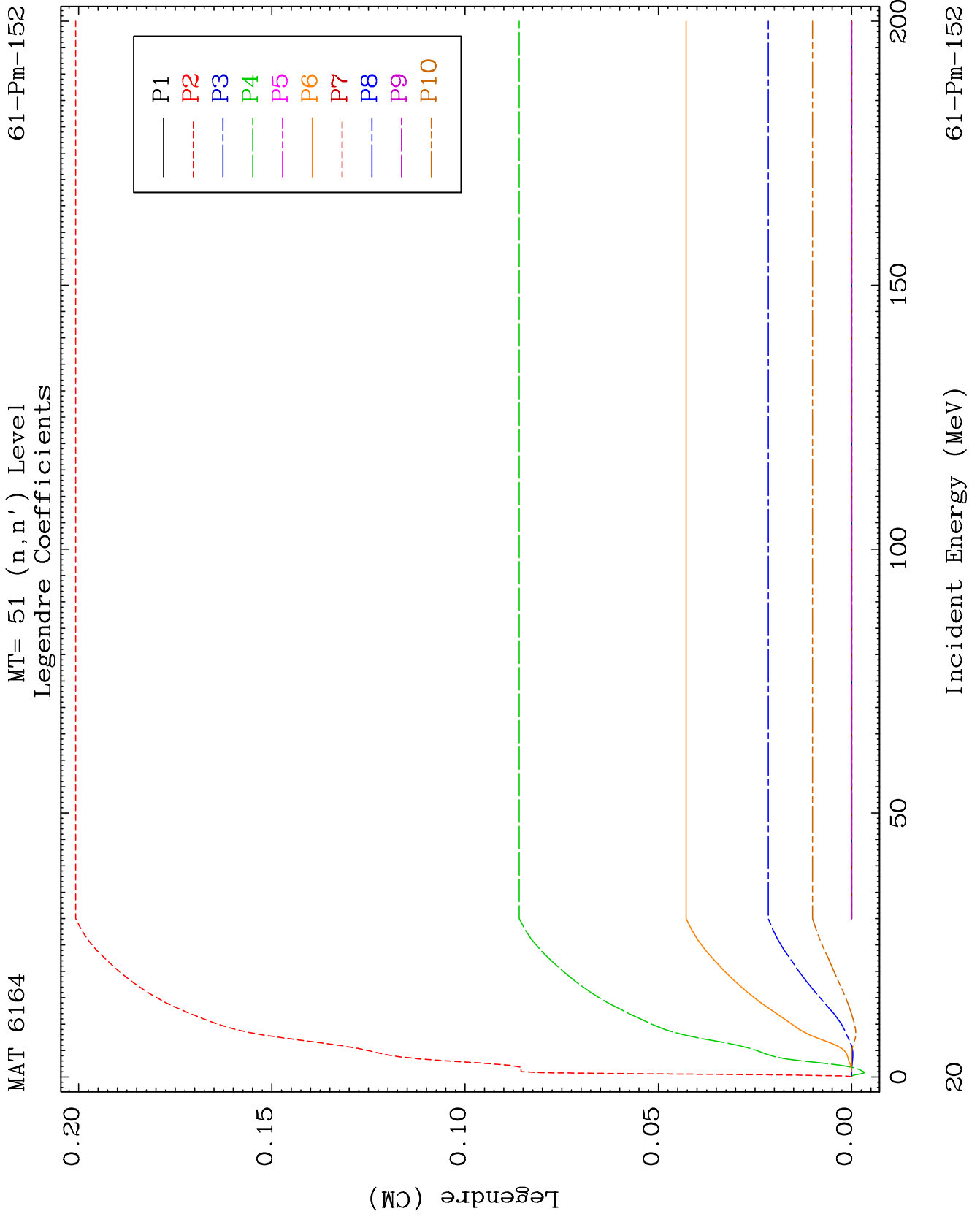
61-Pm-152



19

Incident Energy (MeV)

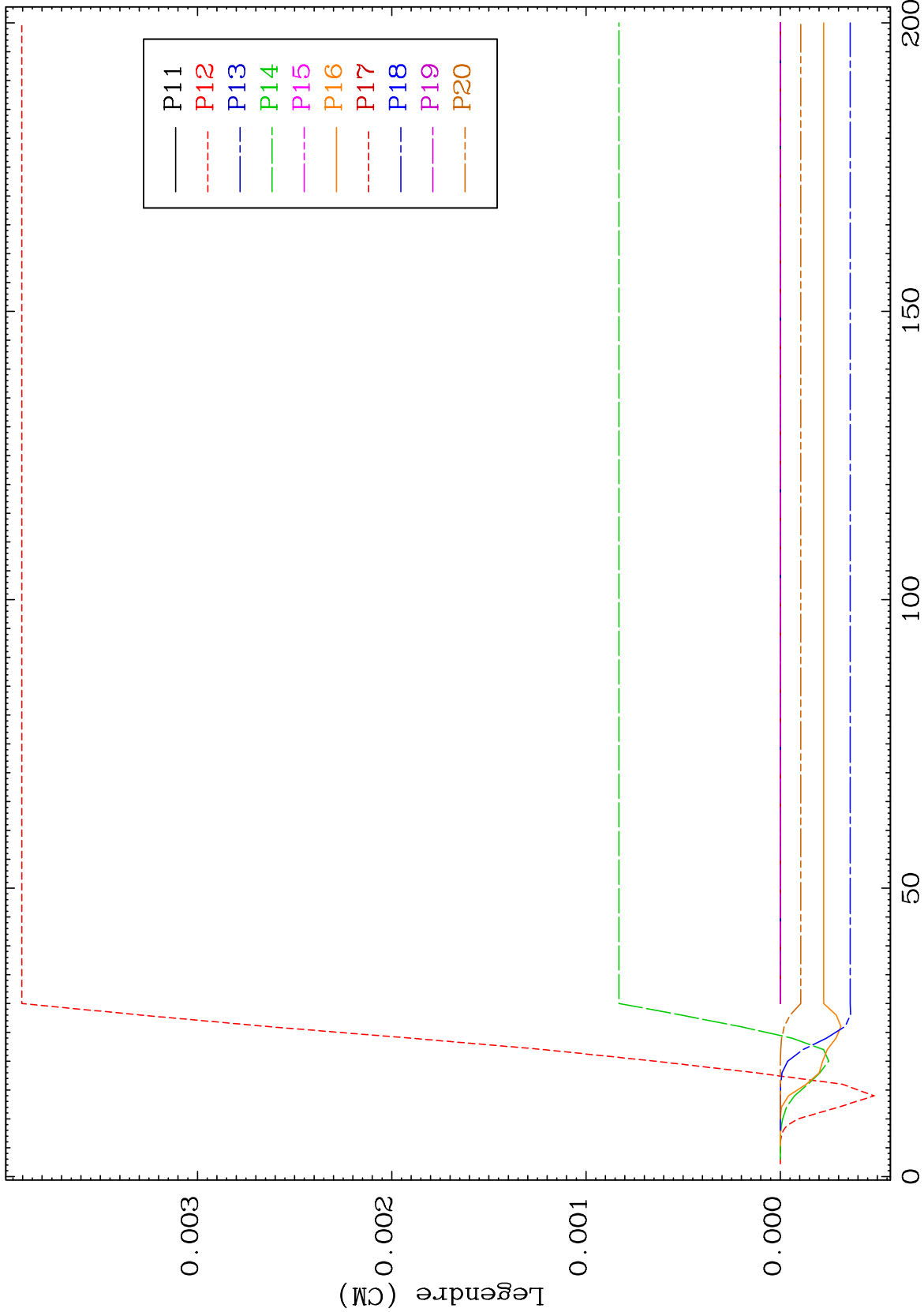
61-Pm-152



MAT 6164

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

61-Pm-152



21

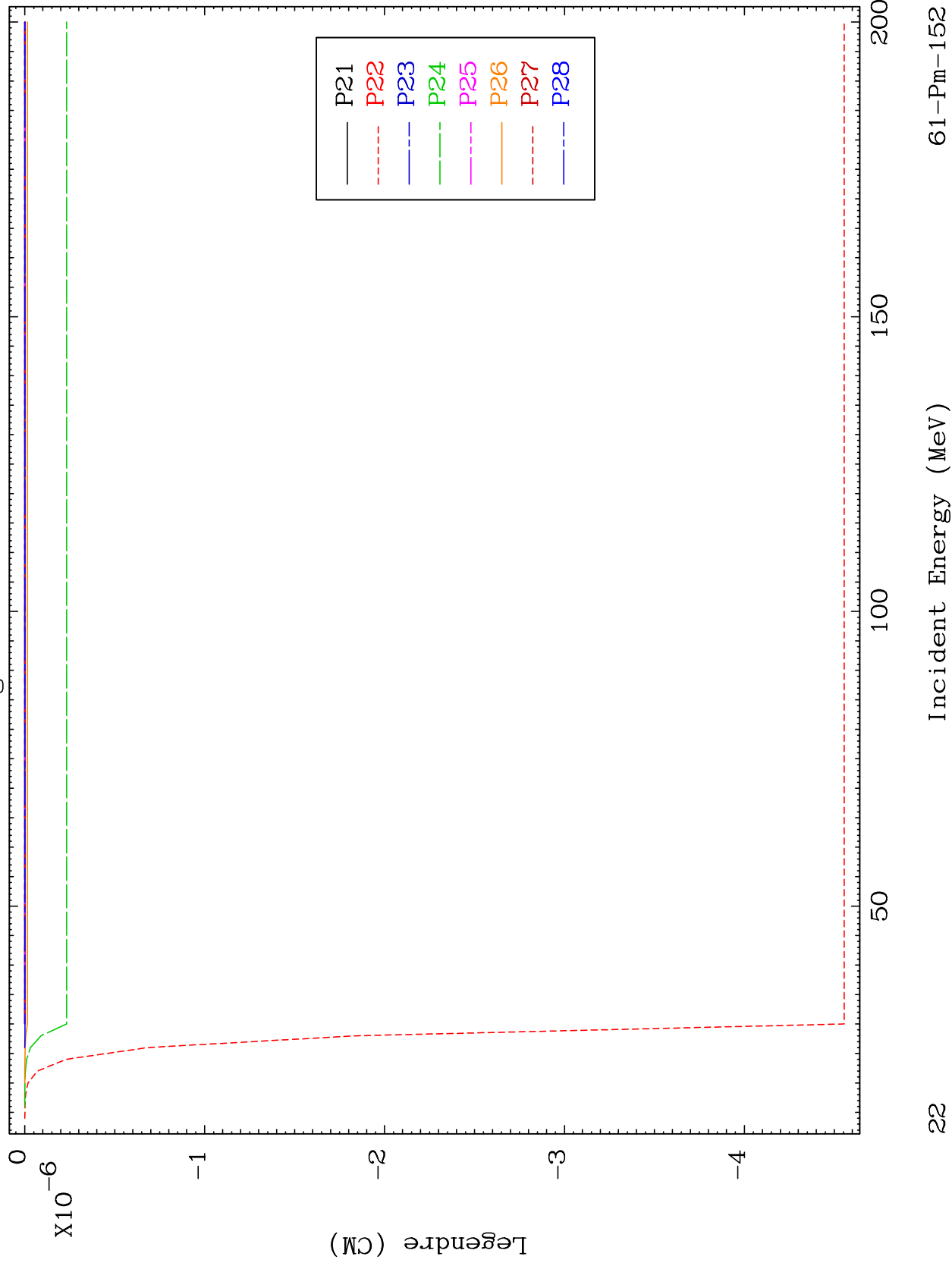
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152

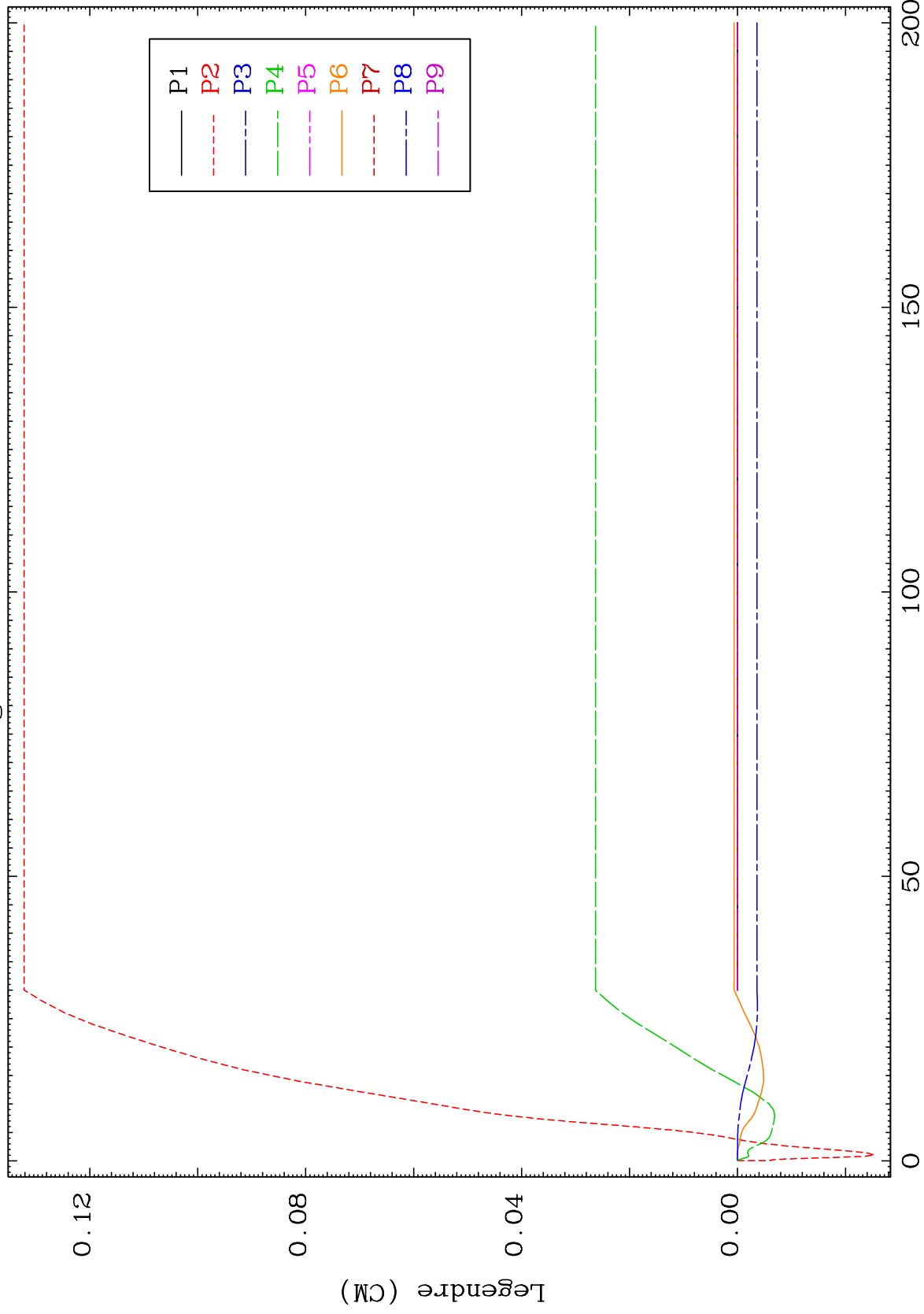


22

MAT 6164

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

61-Pm-152



23

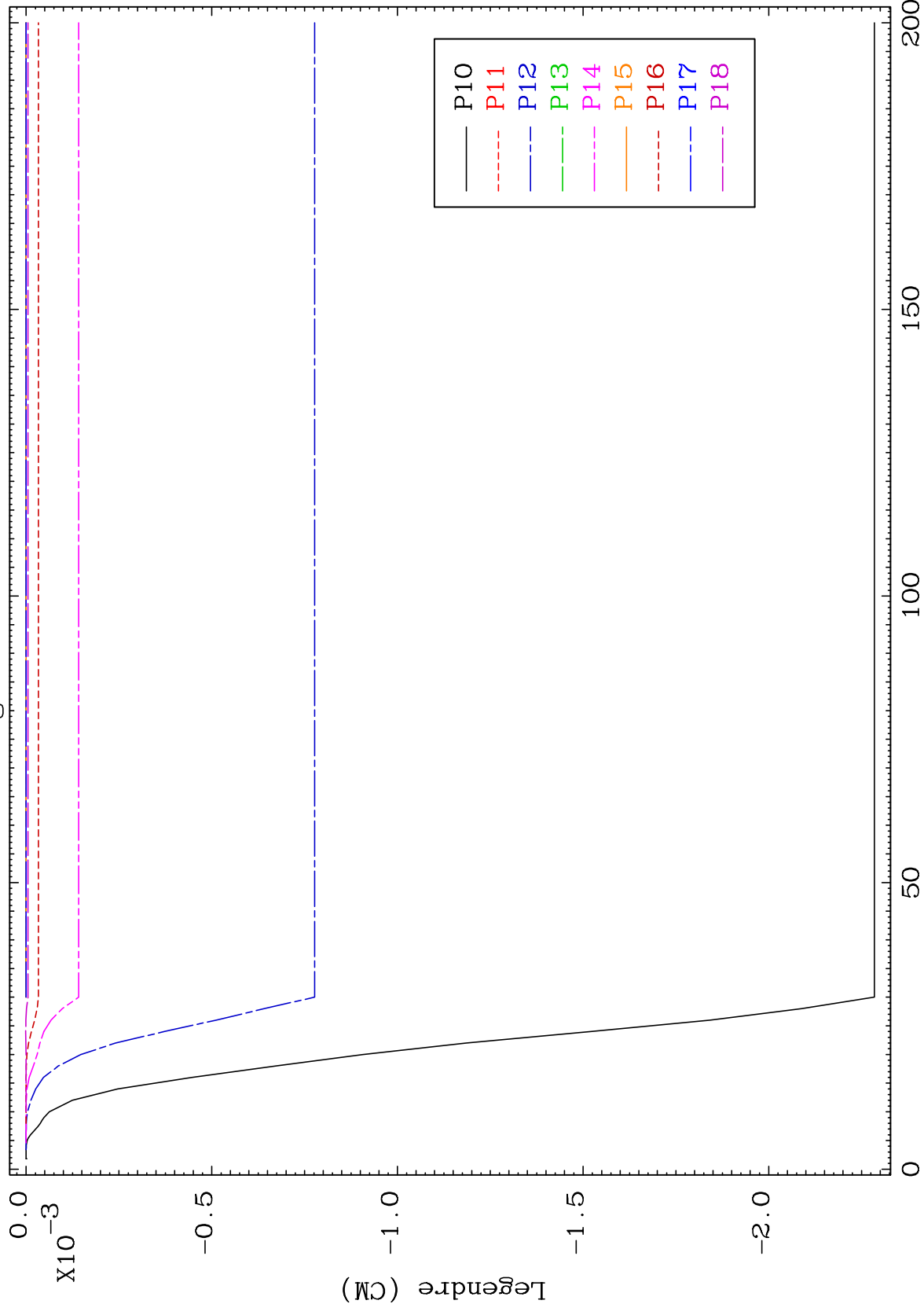
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

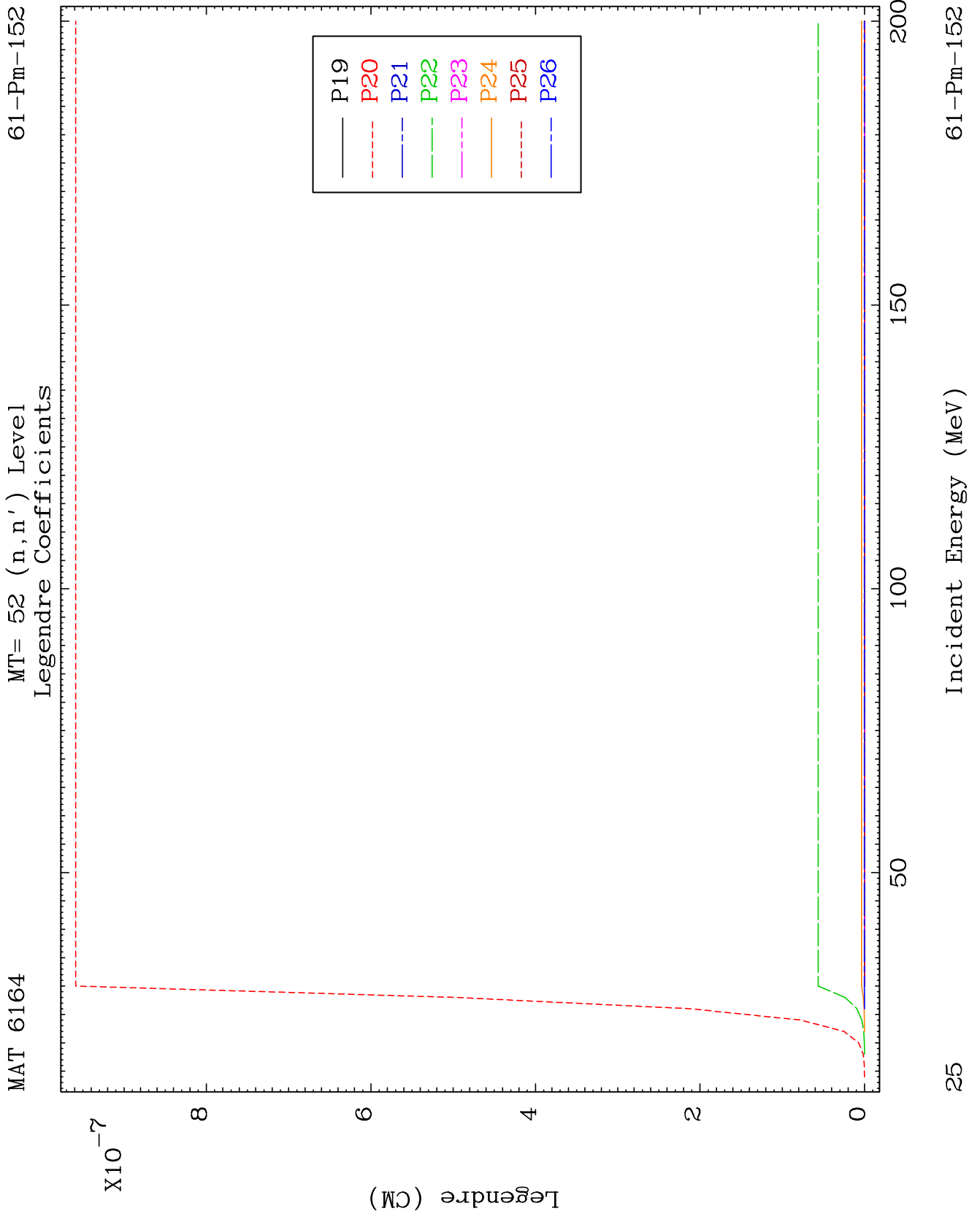
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24

Incident Energy (MeV)

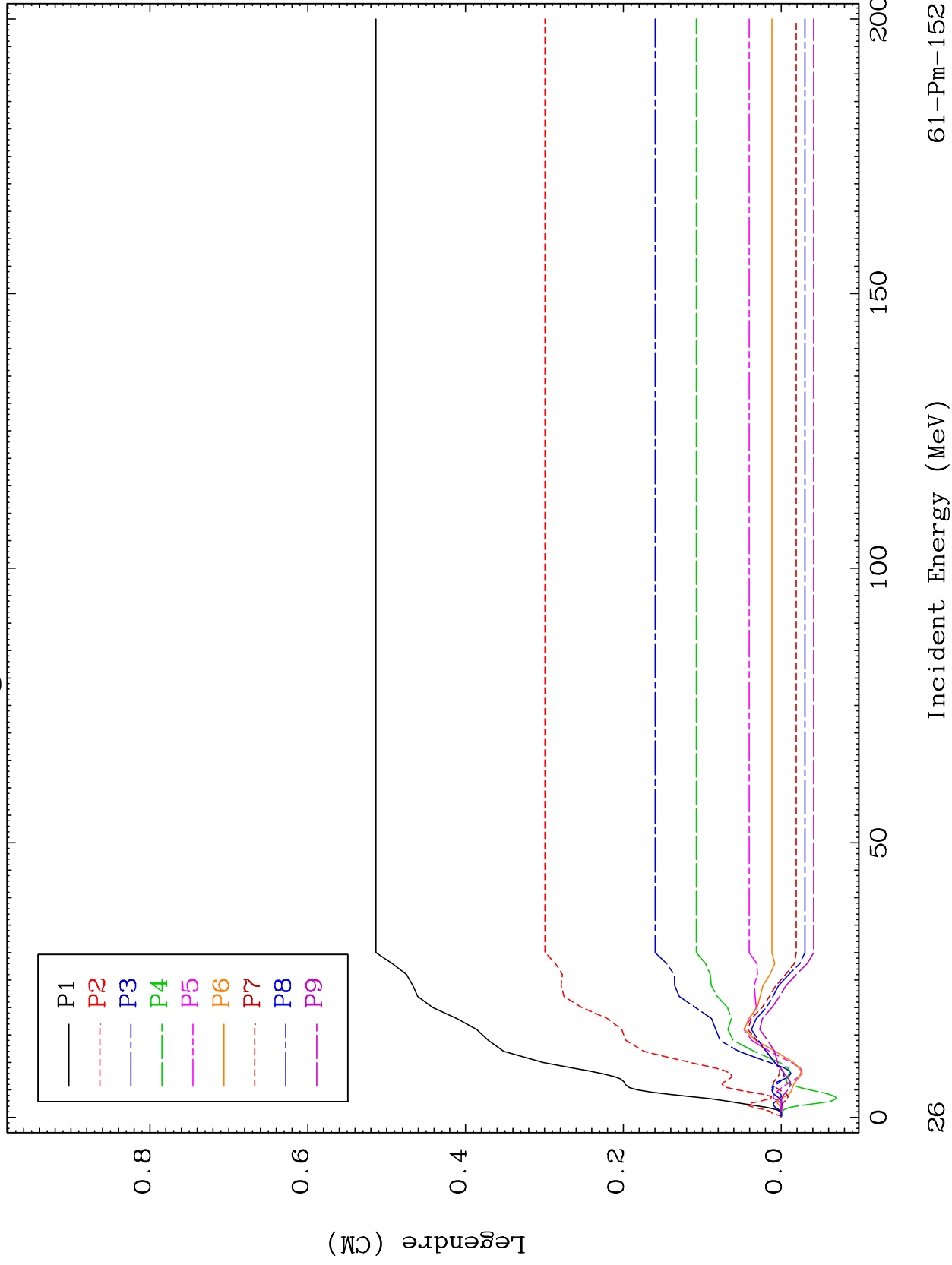
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MAT 6164

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

61-Pm-152



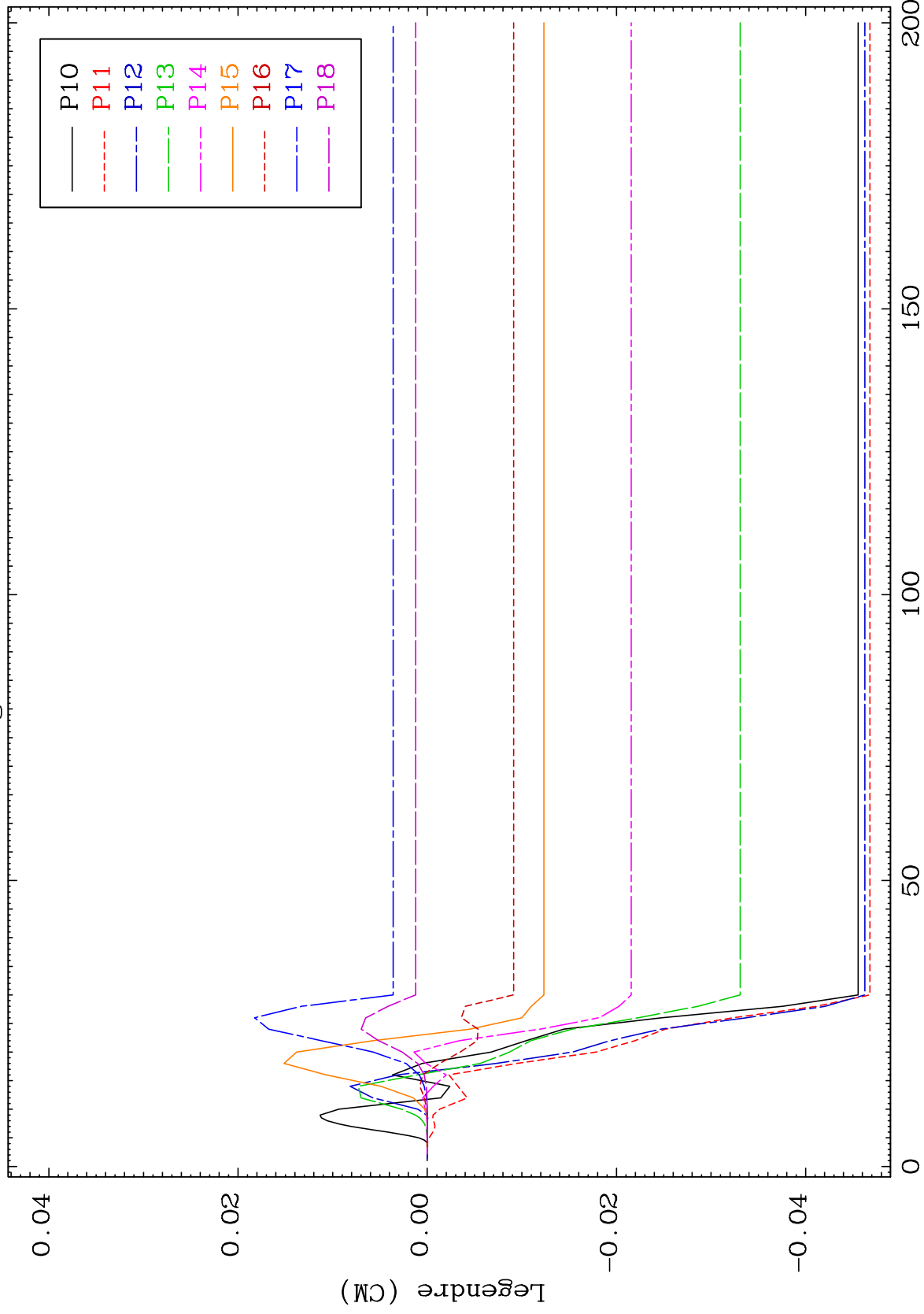
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61-Pm-152

MAT 6164

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

61-Pm-152



27

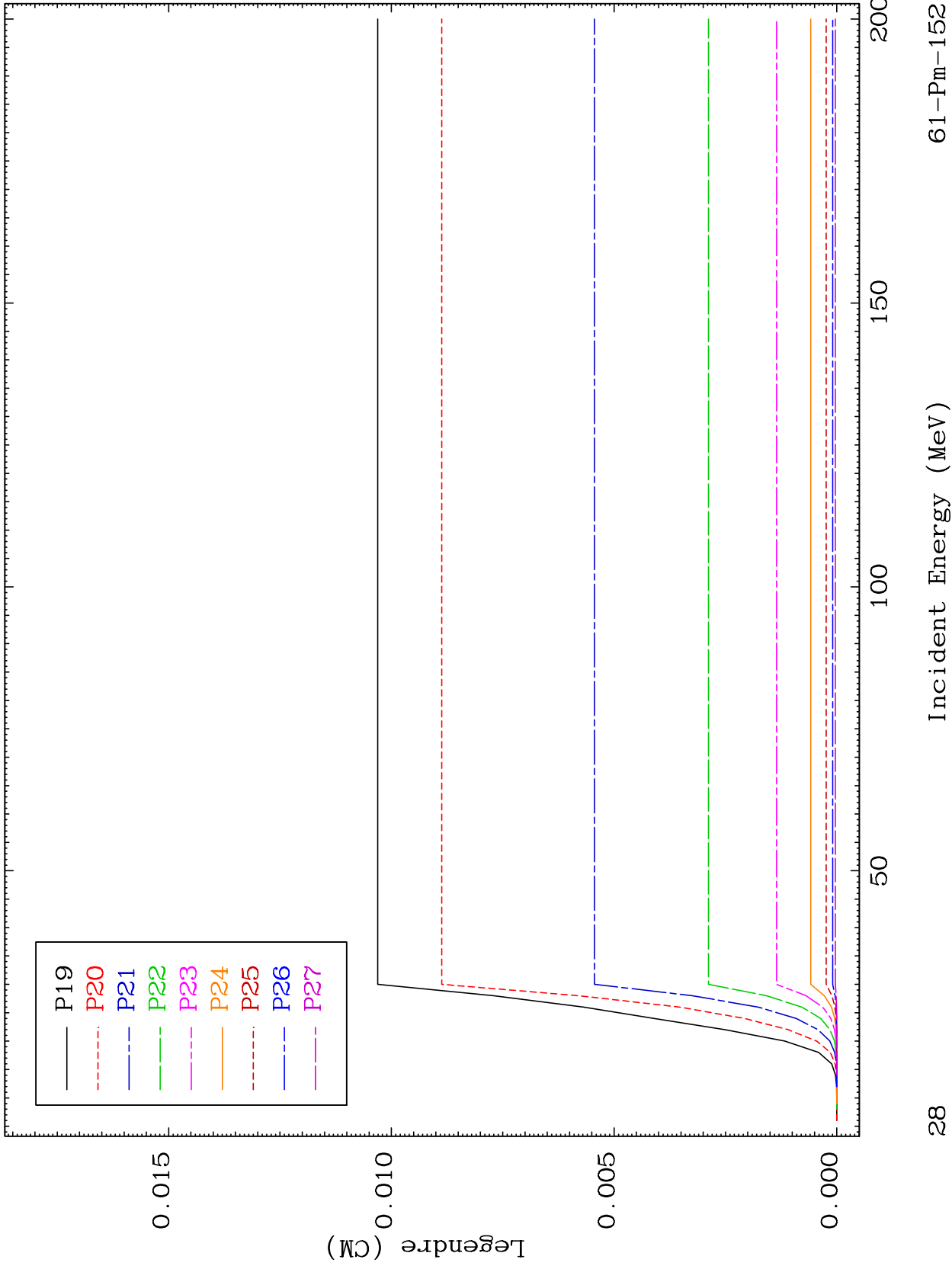
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



28

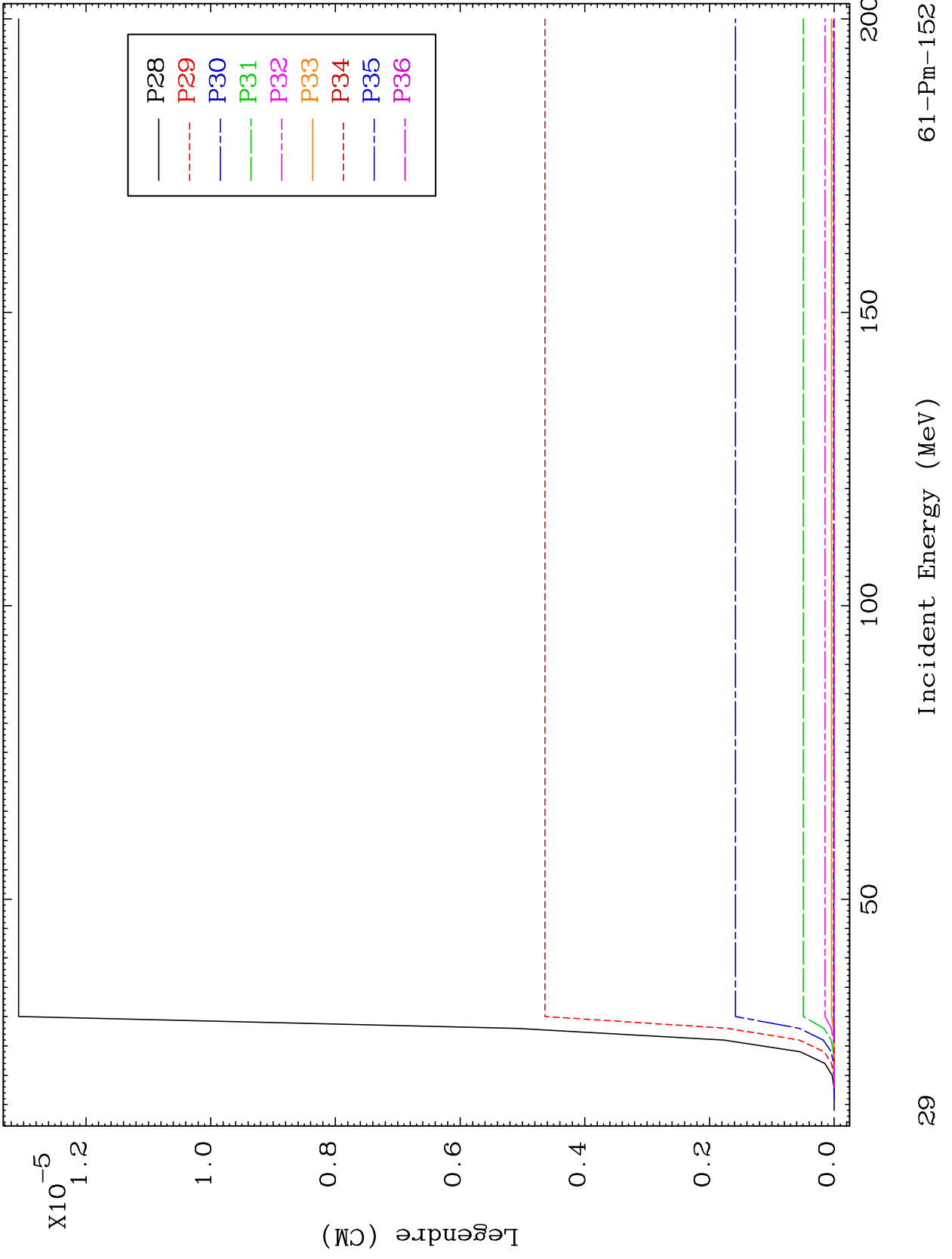
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152

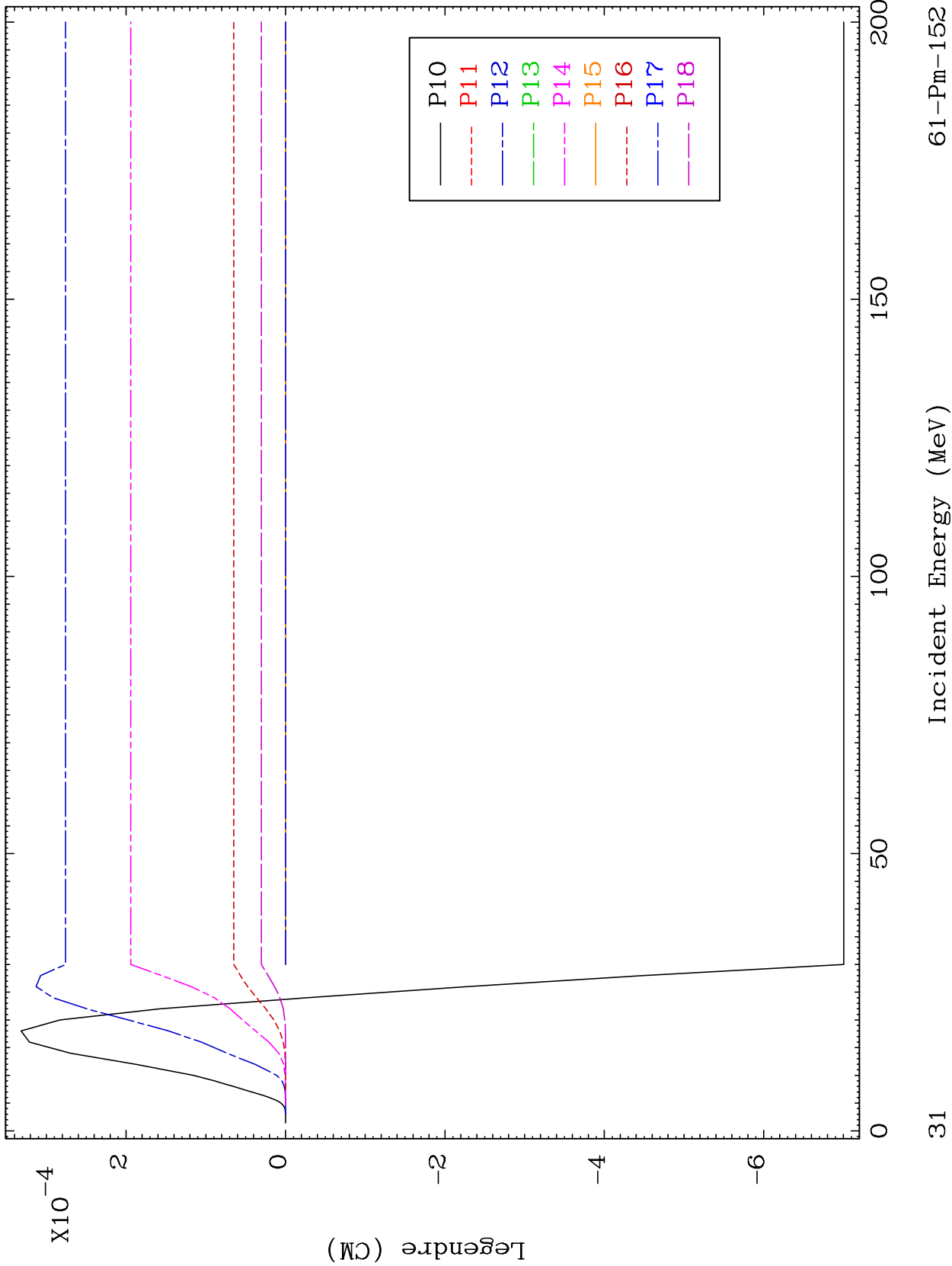


29

MAT 6164

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

61-Pm-152



31

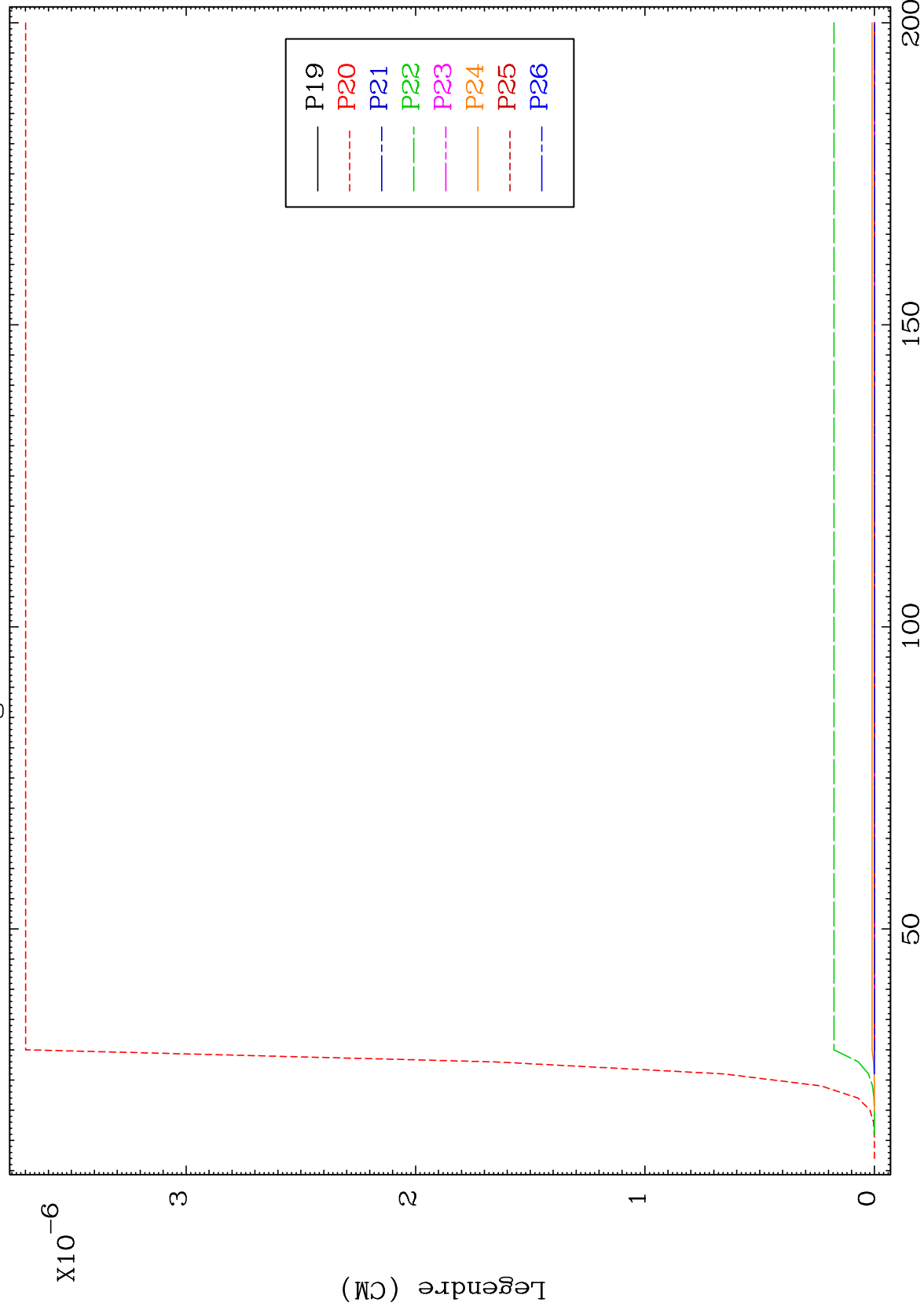
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



32

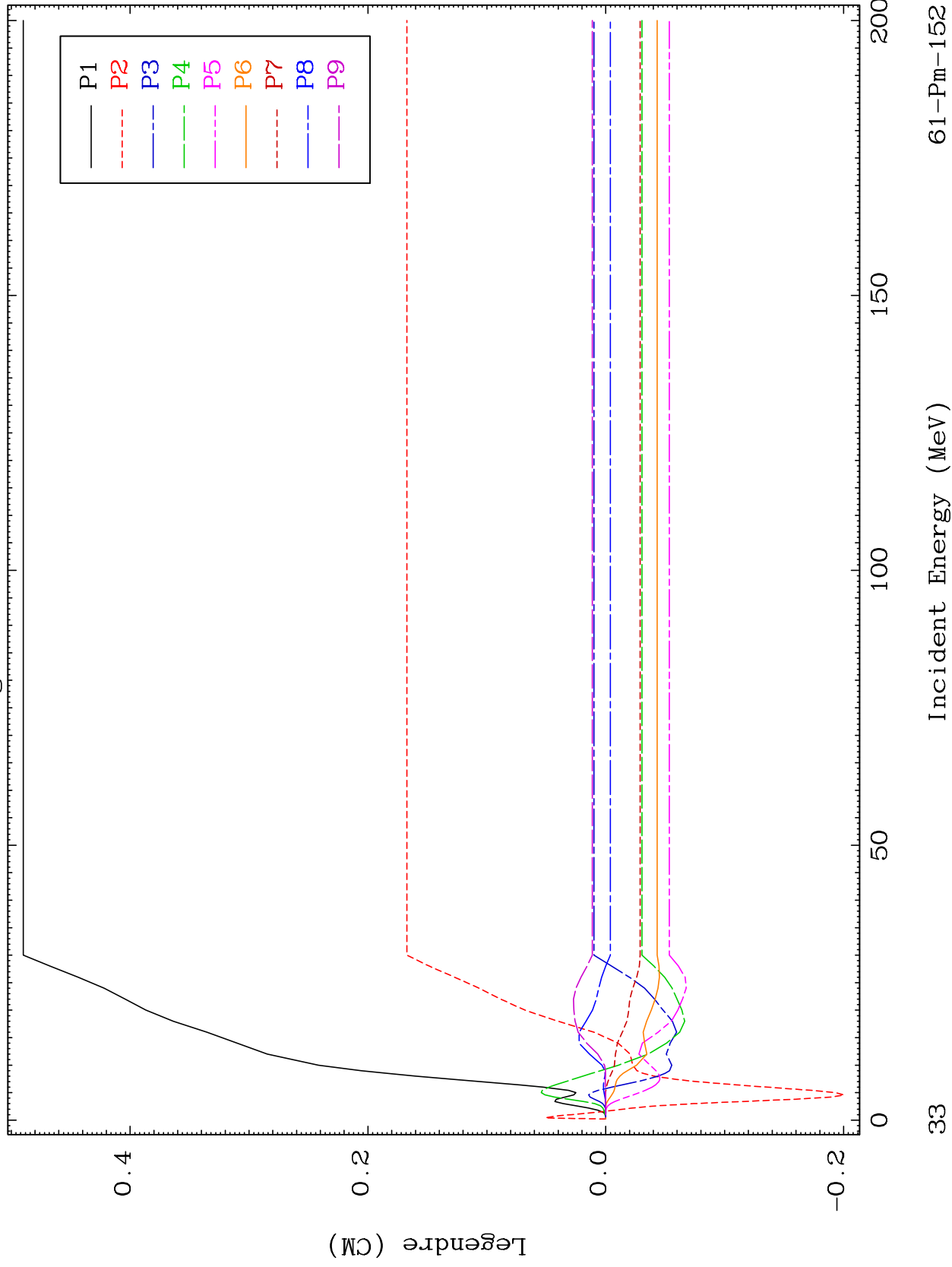
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



61-Pm-152

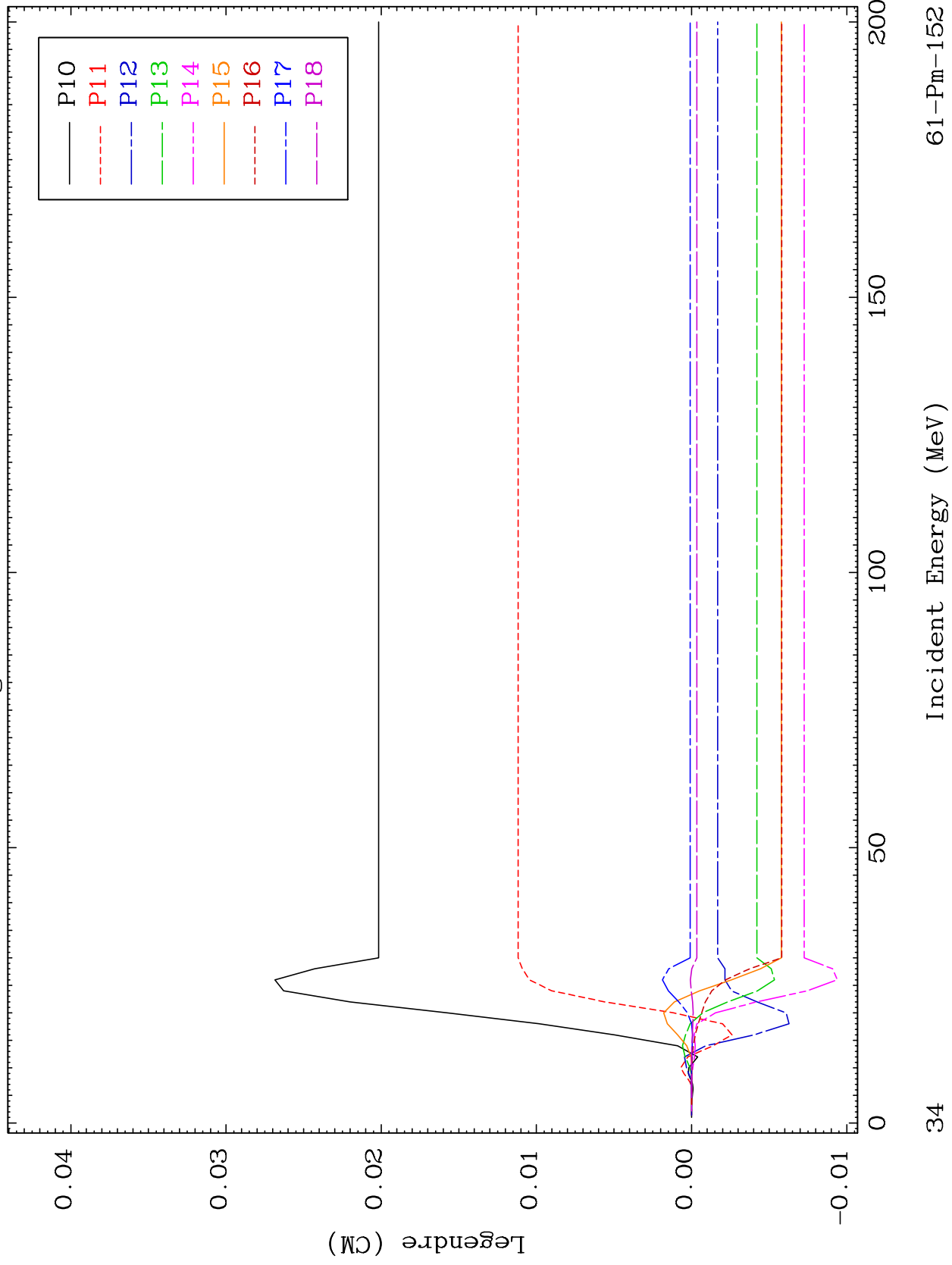
Incident Energy (MeV)

33

MAT 6164

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

61-Pm-152



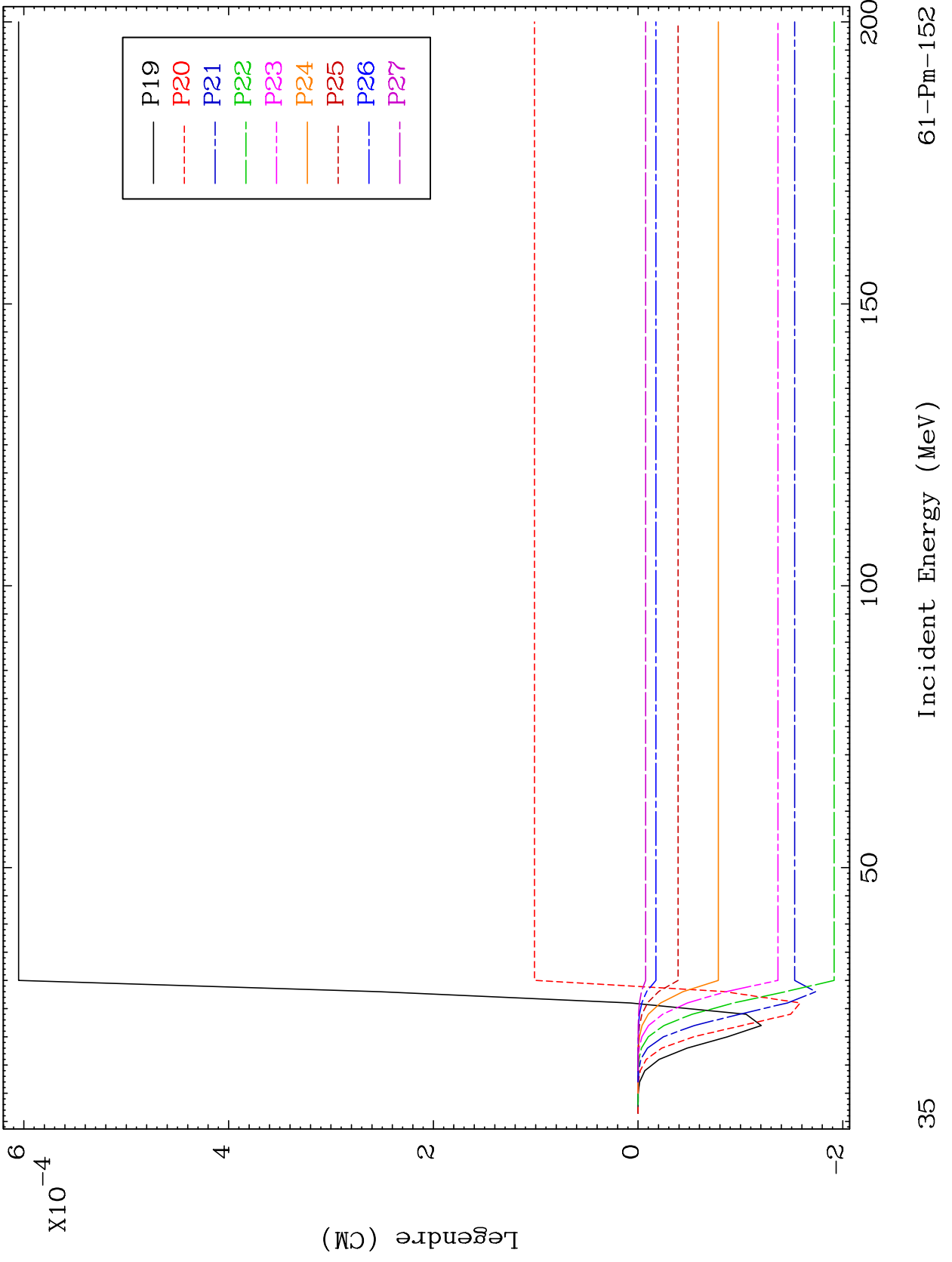
34

61-Pm-152

MAT 6164

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

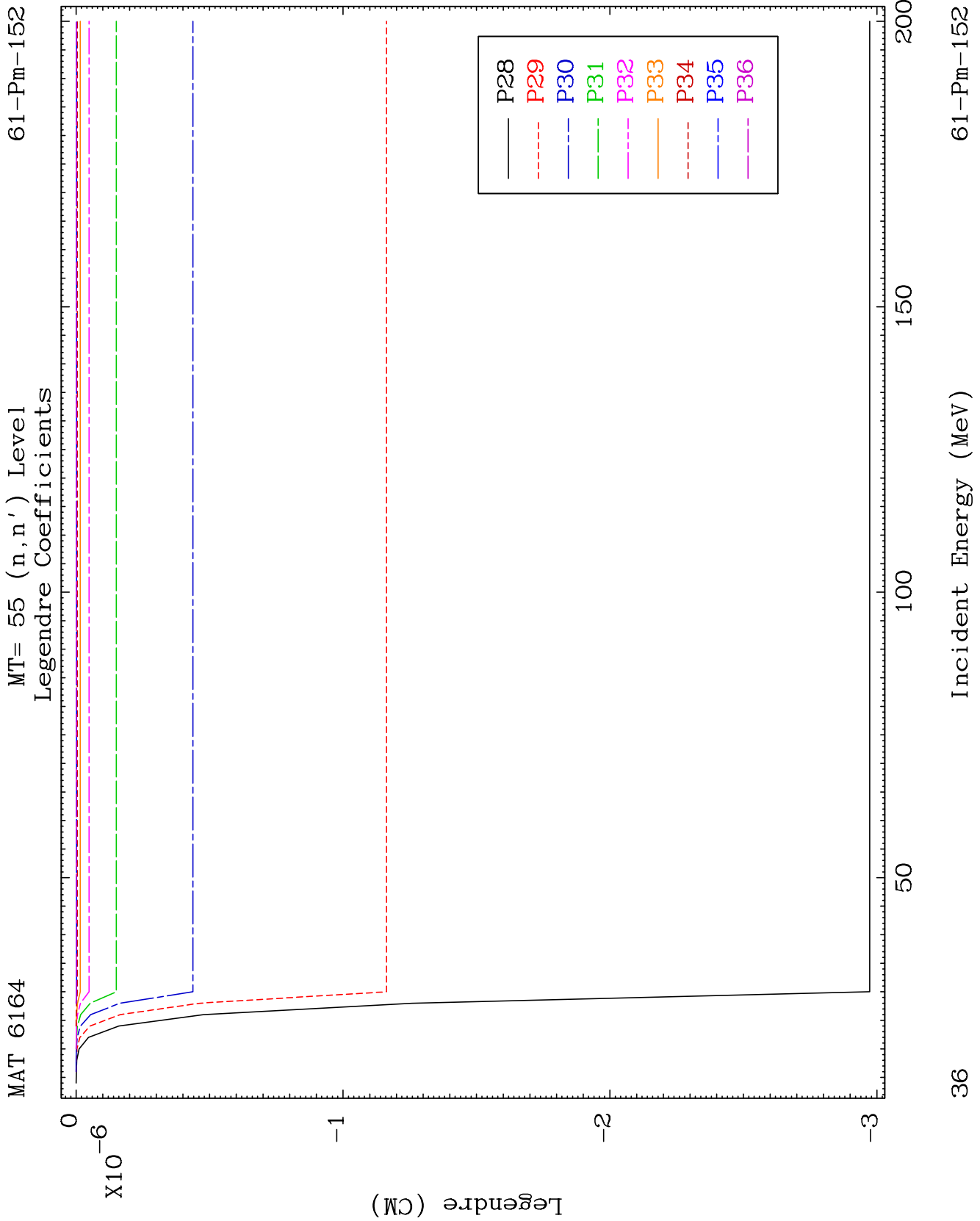
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35

Incident Energy (MeV)

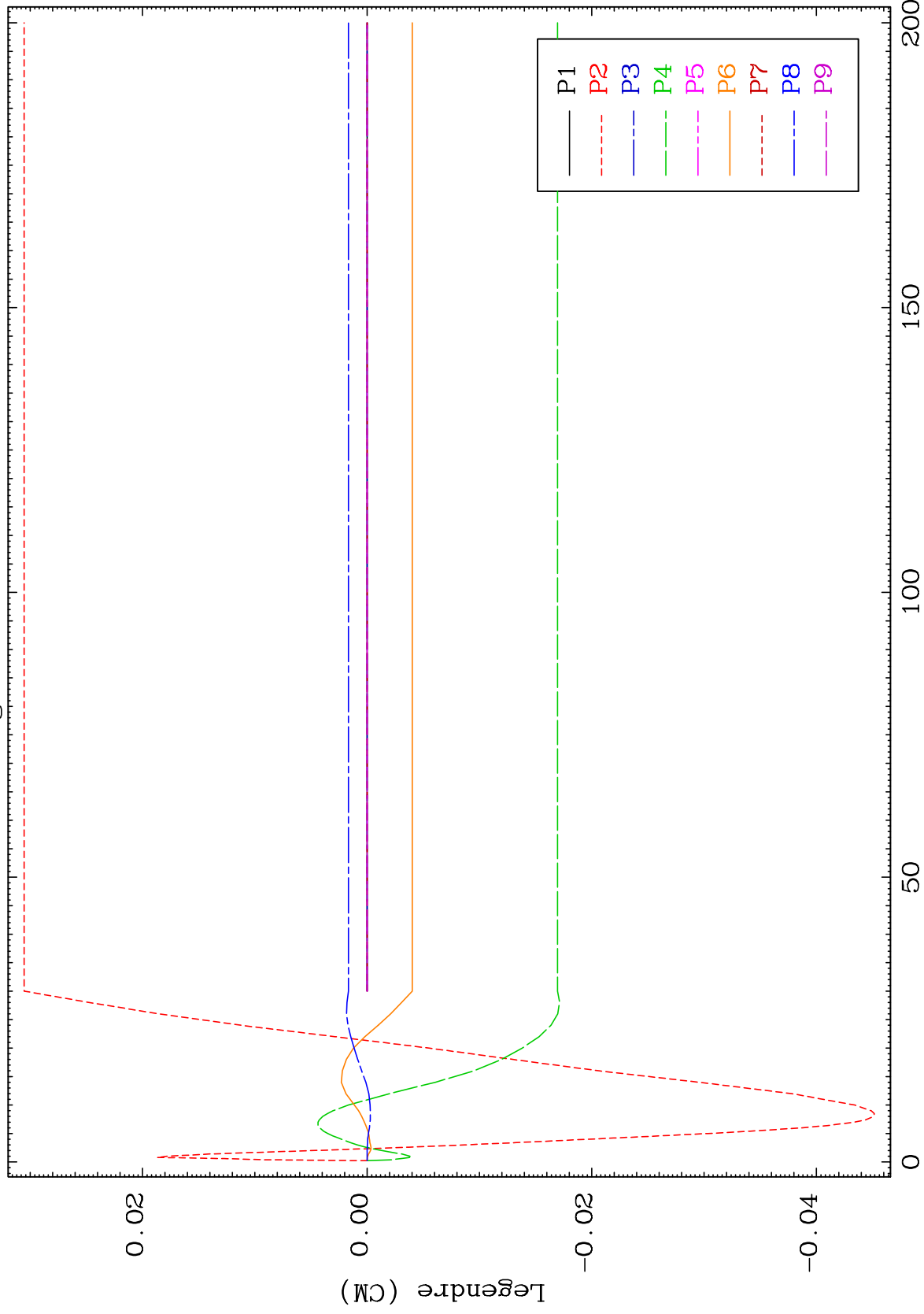
61-Pm-152



MAT 6164

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

61-Pm-152



37

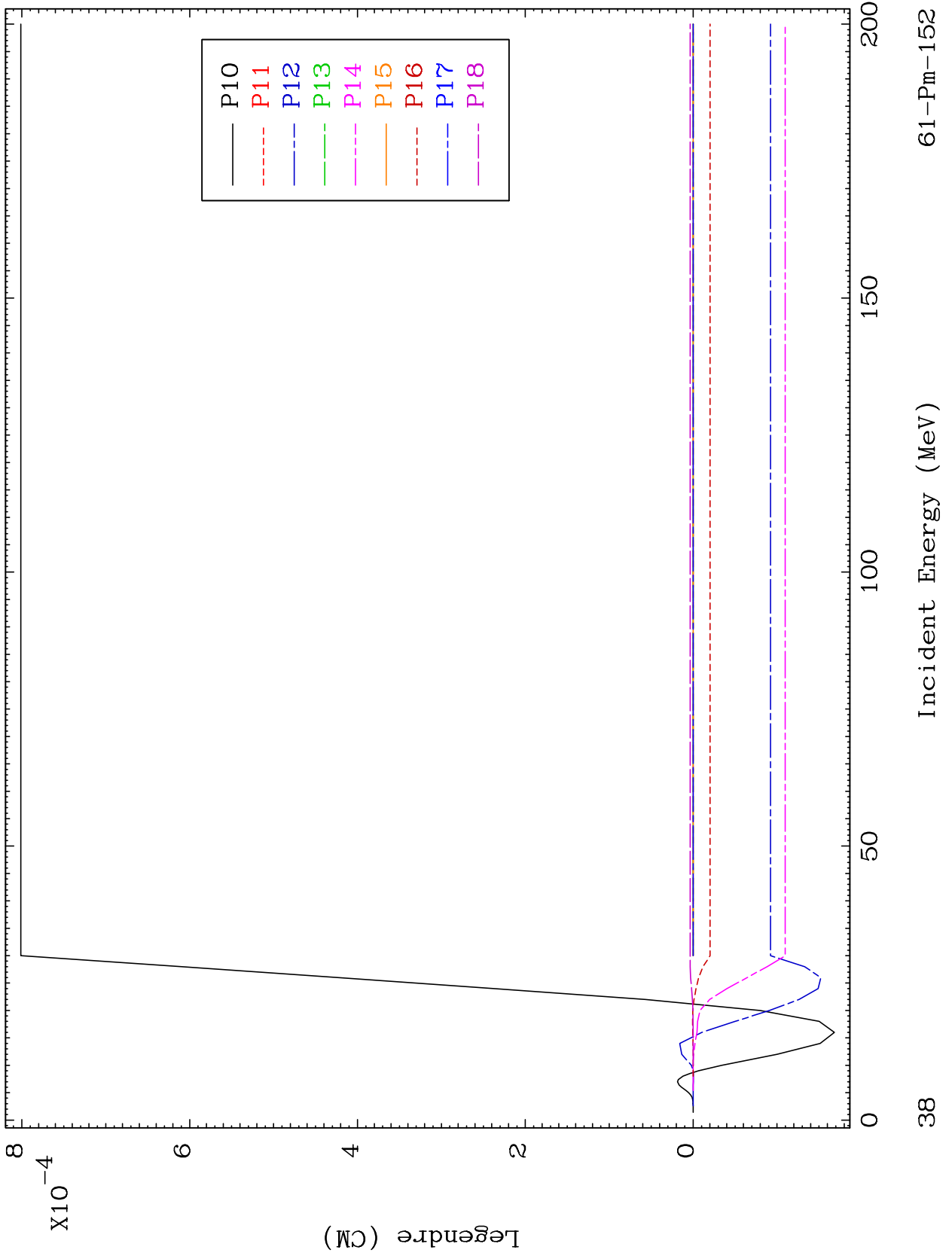
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

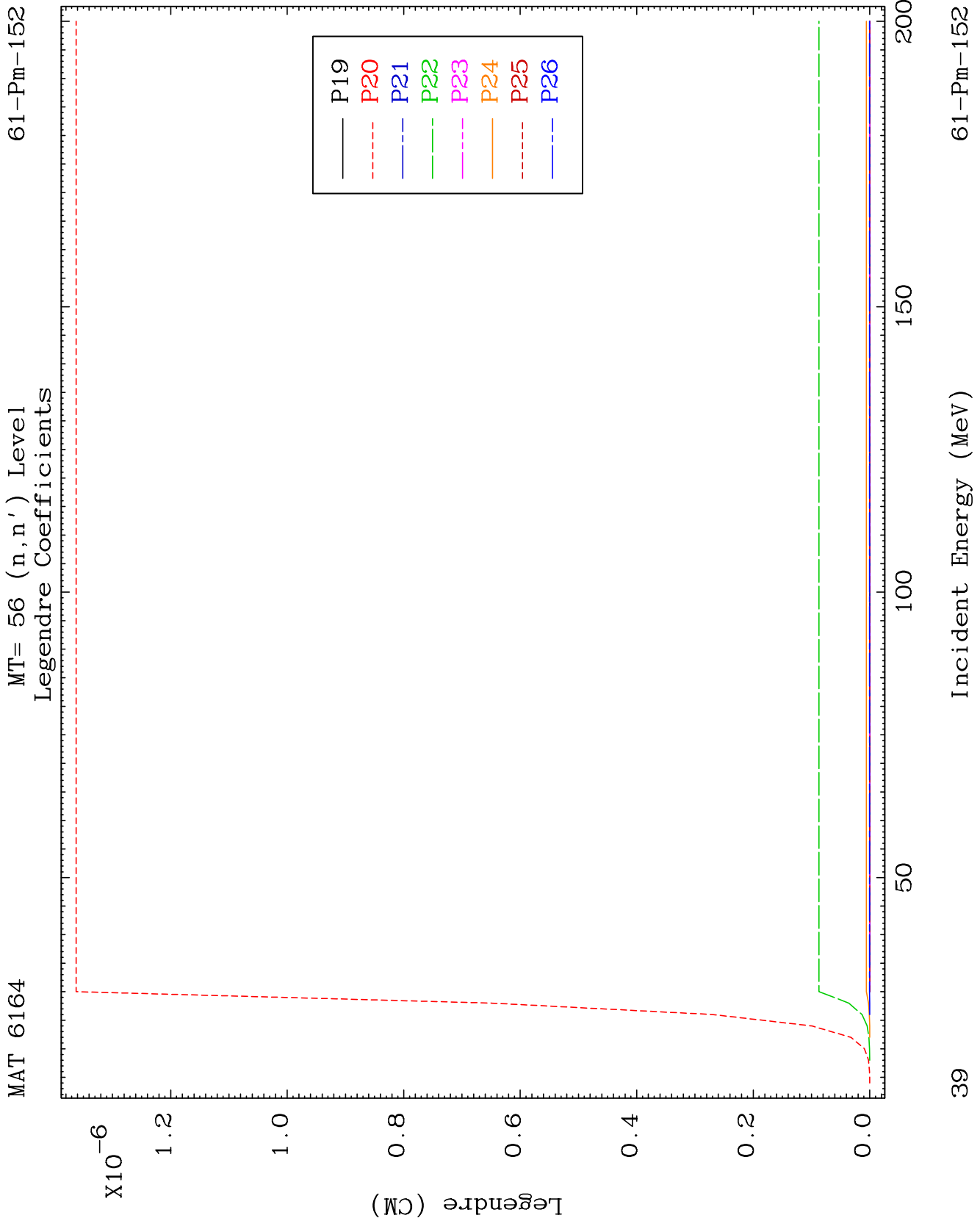
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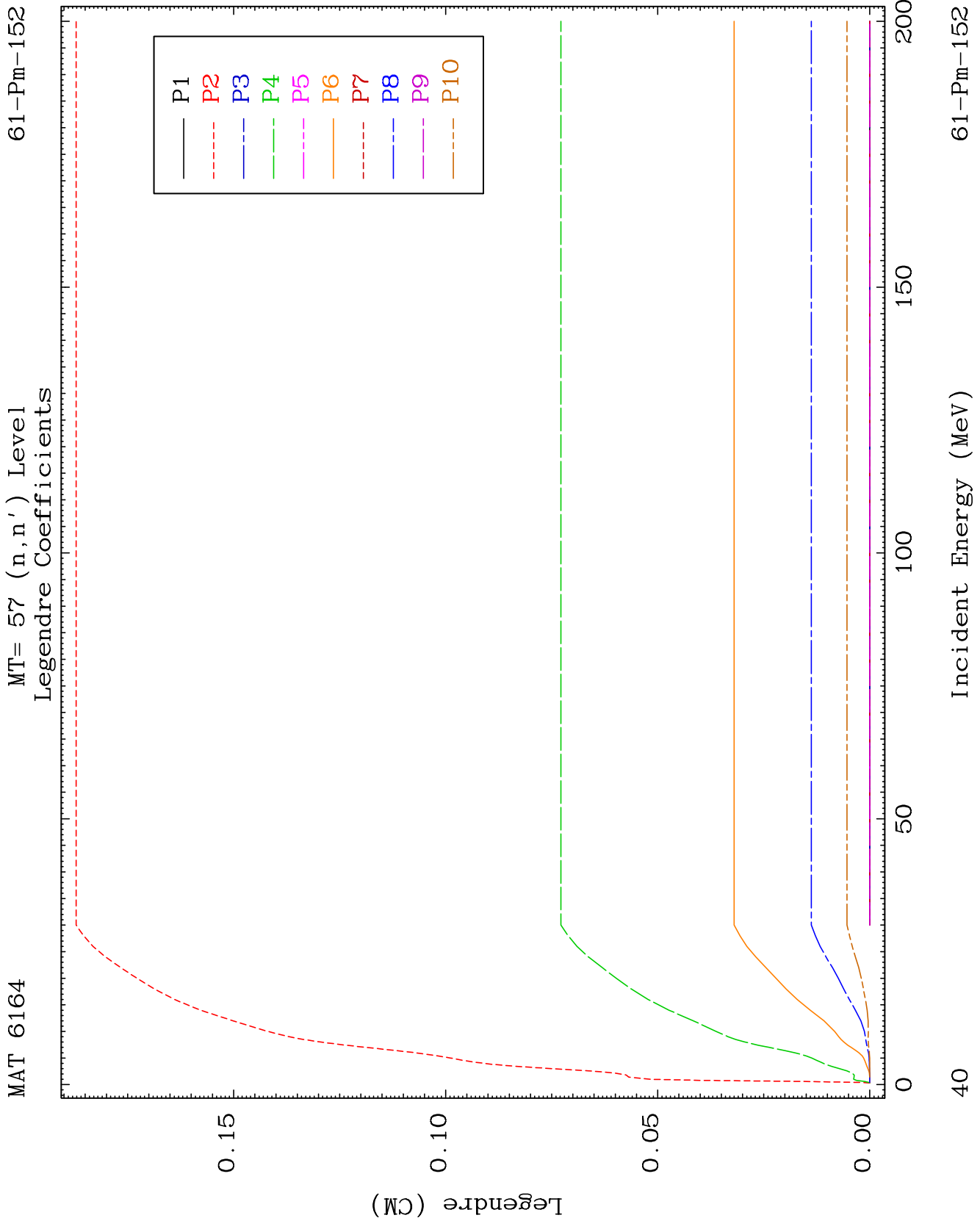


61-Pm-152

Incident Energy (MeV)

38

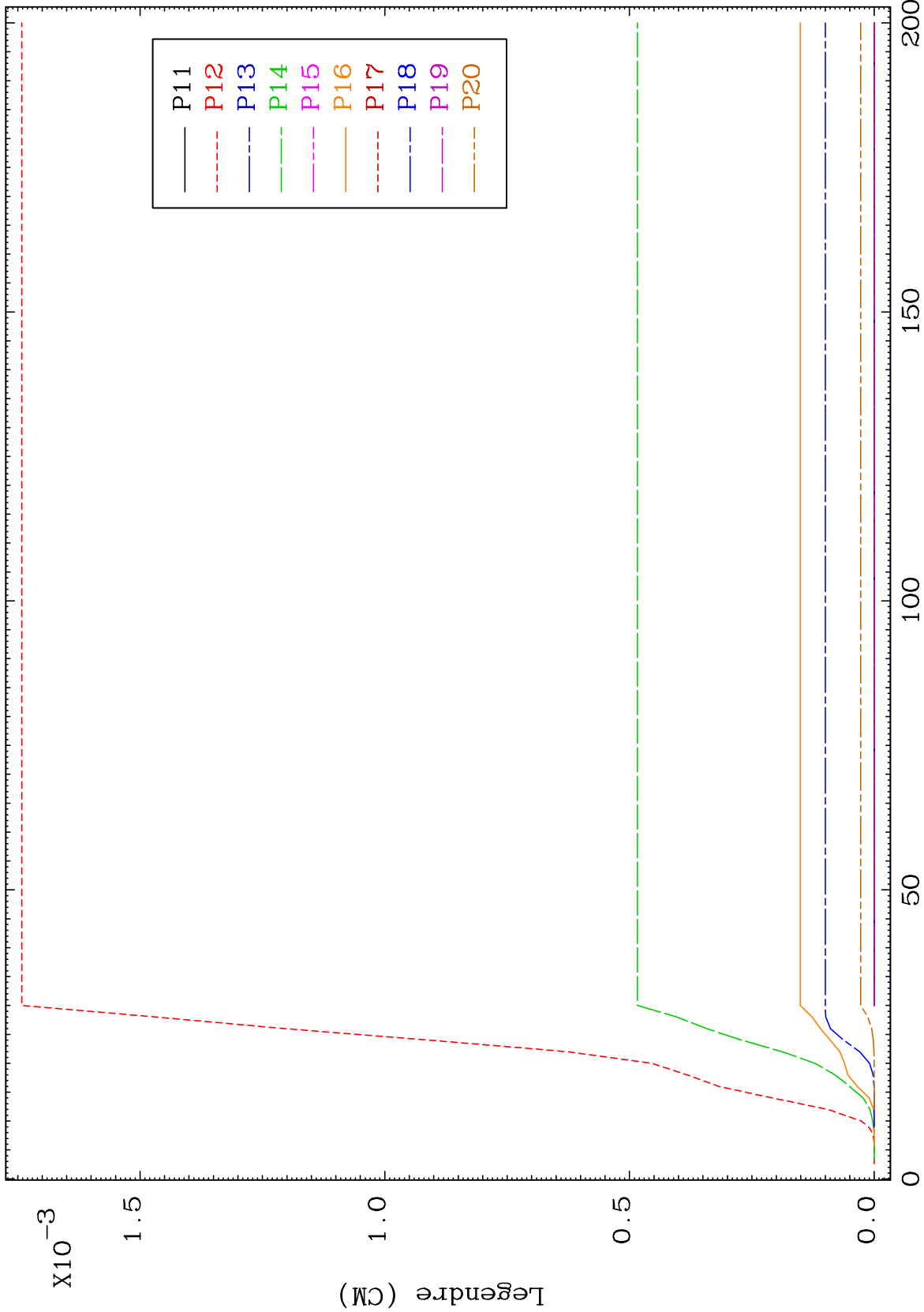




MAT 6164

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

61-Pm-152



41

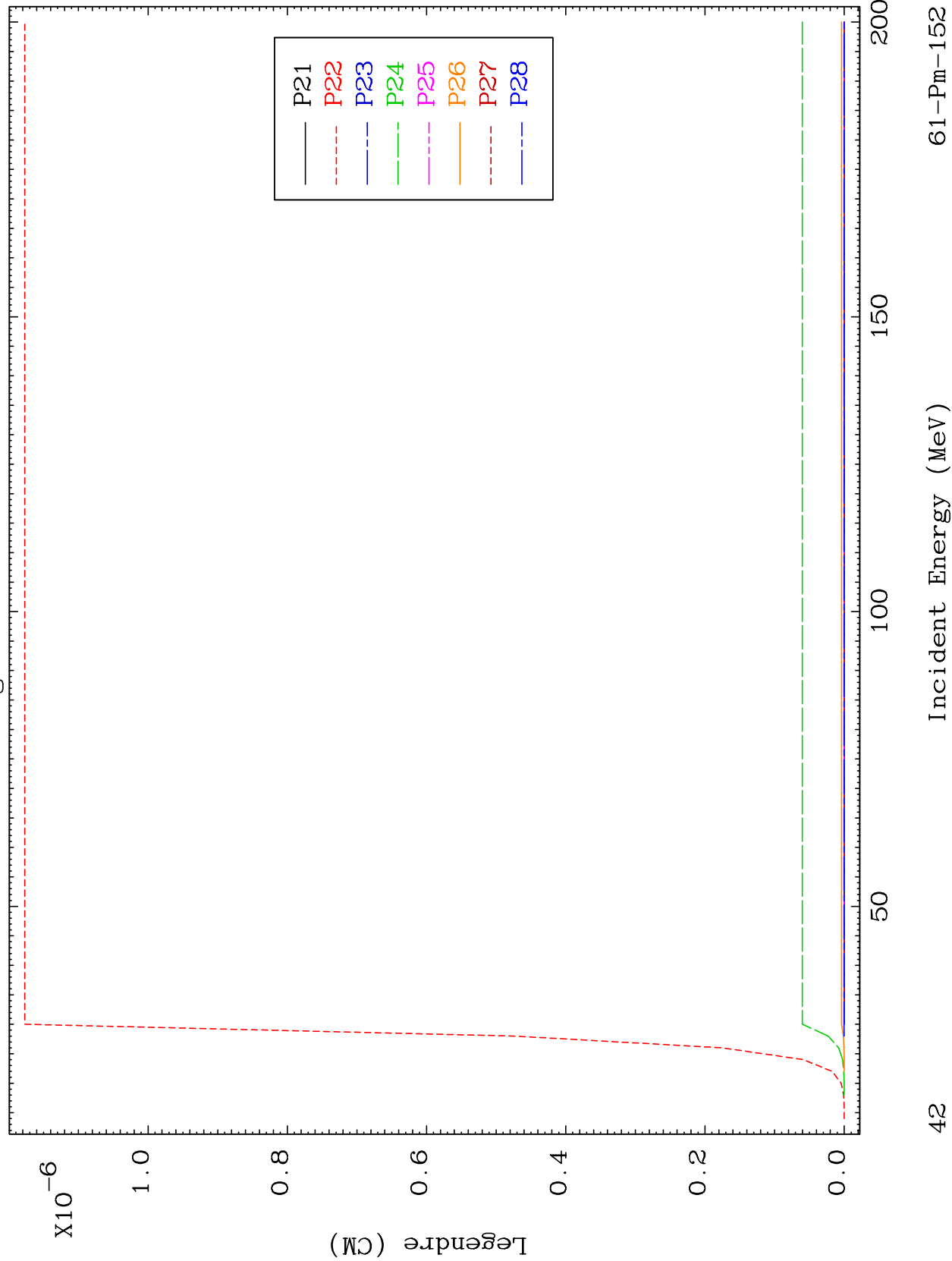
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



42

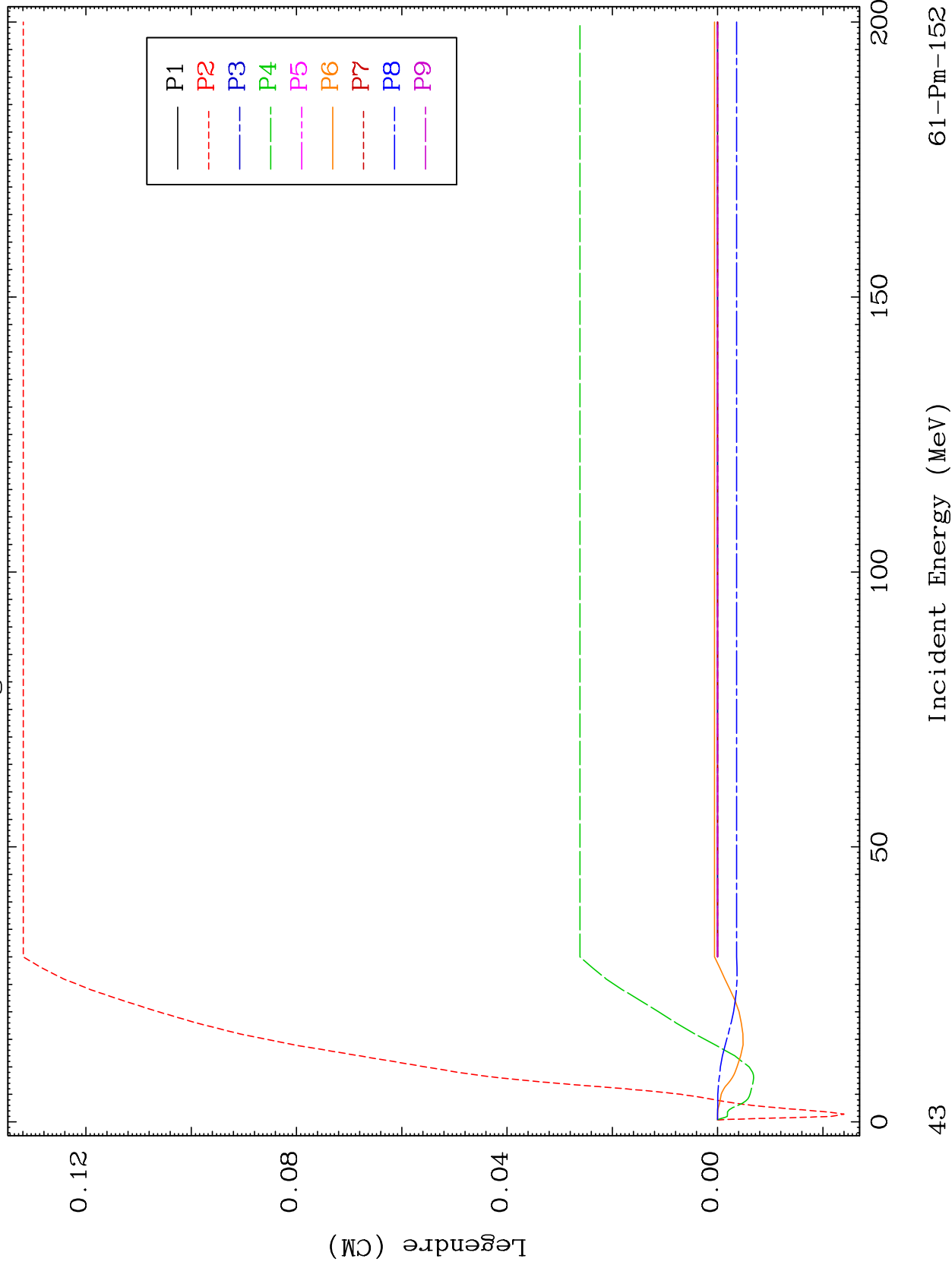
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



61-Pm-152

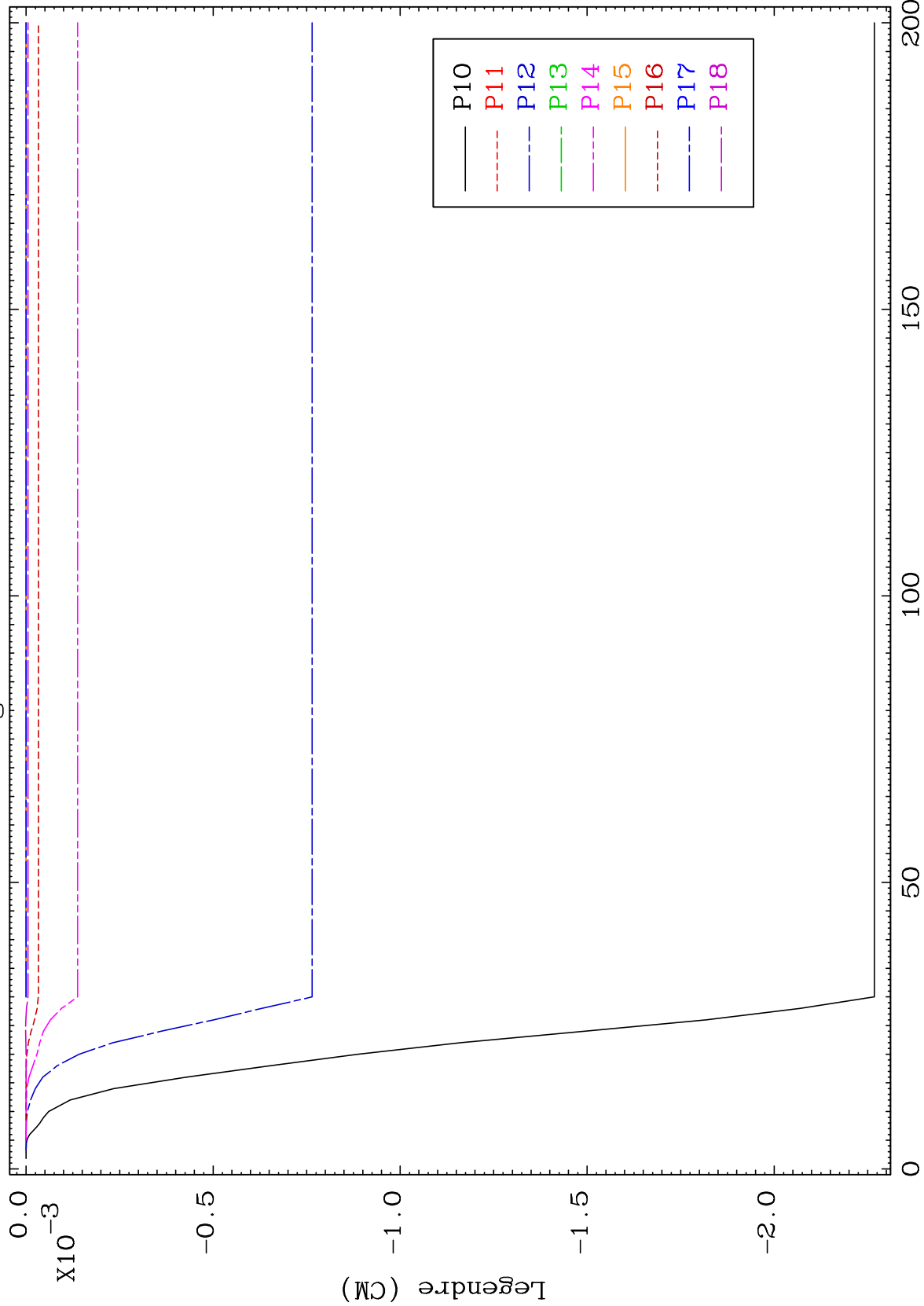
Incident Energy (MeV)

43

MAT 6164

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

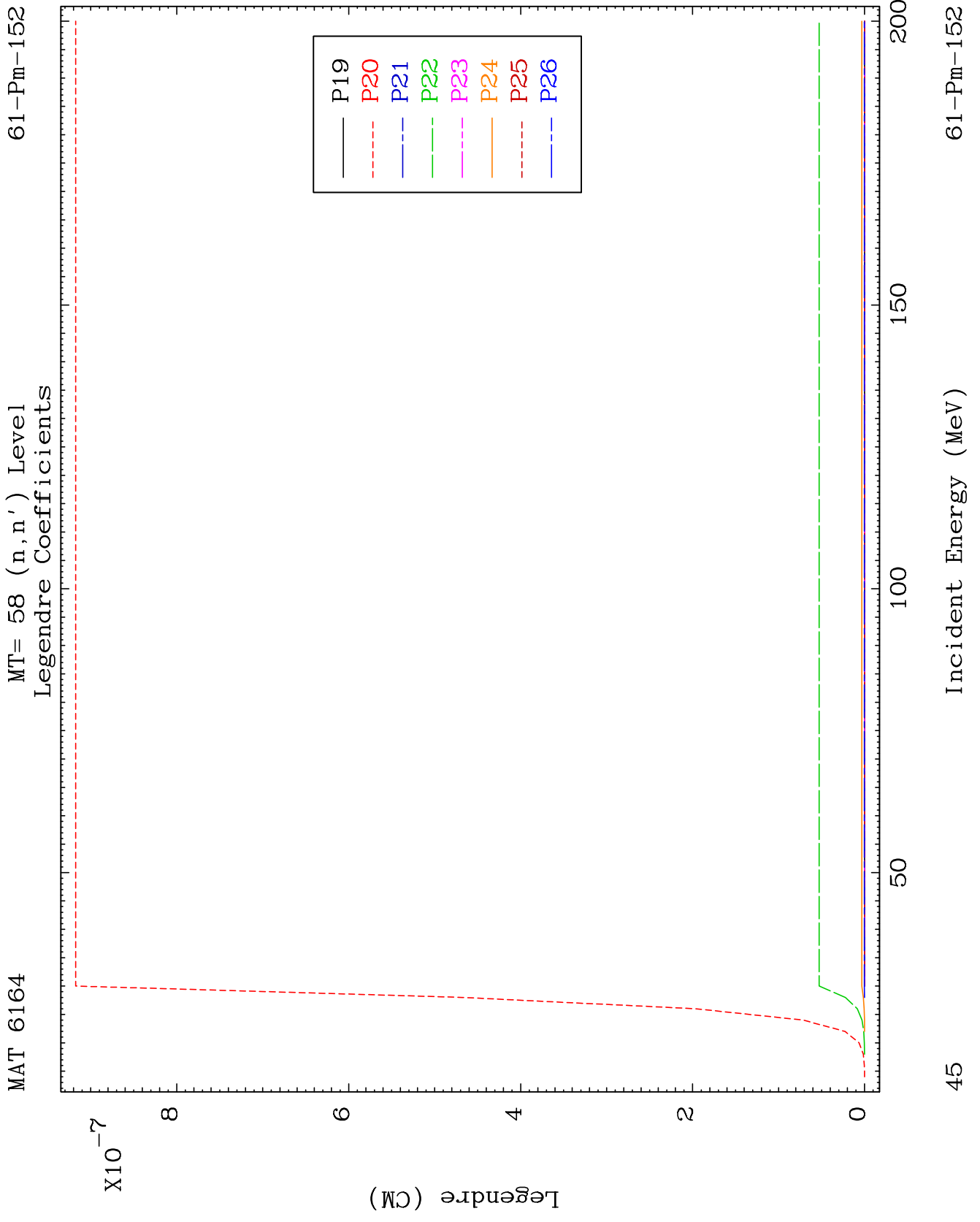
61-Pm-152



44

Incident Energy (MeV)

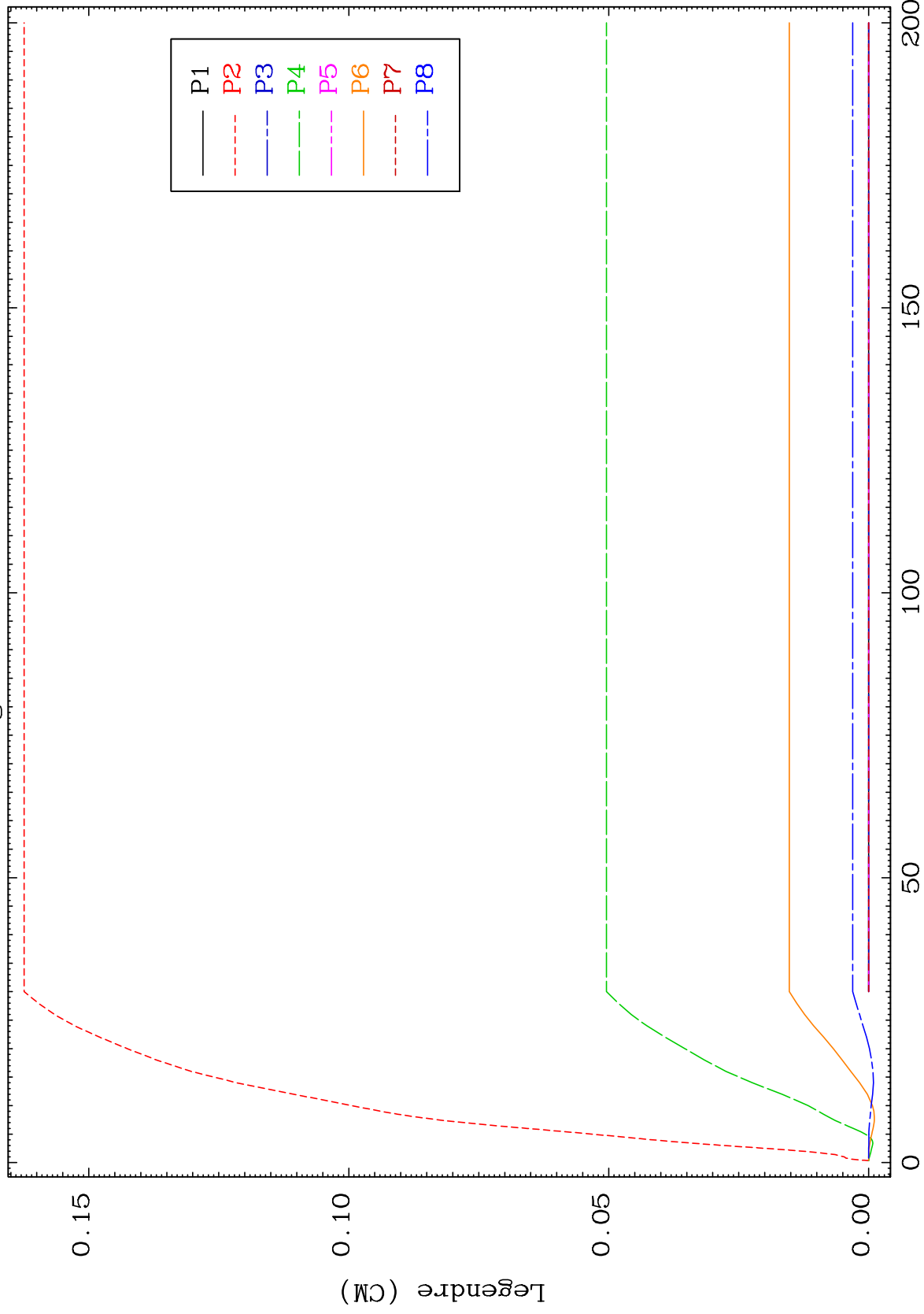
61-Pm-152



MAT 6164

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

61-Pm-152



46

Incident Energy (MeV)

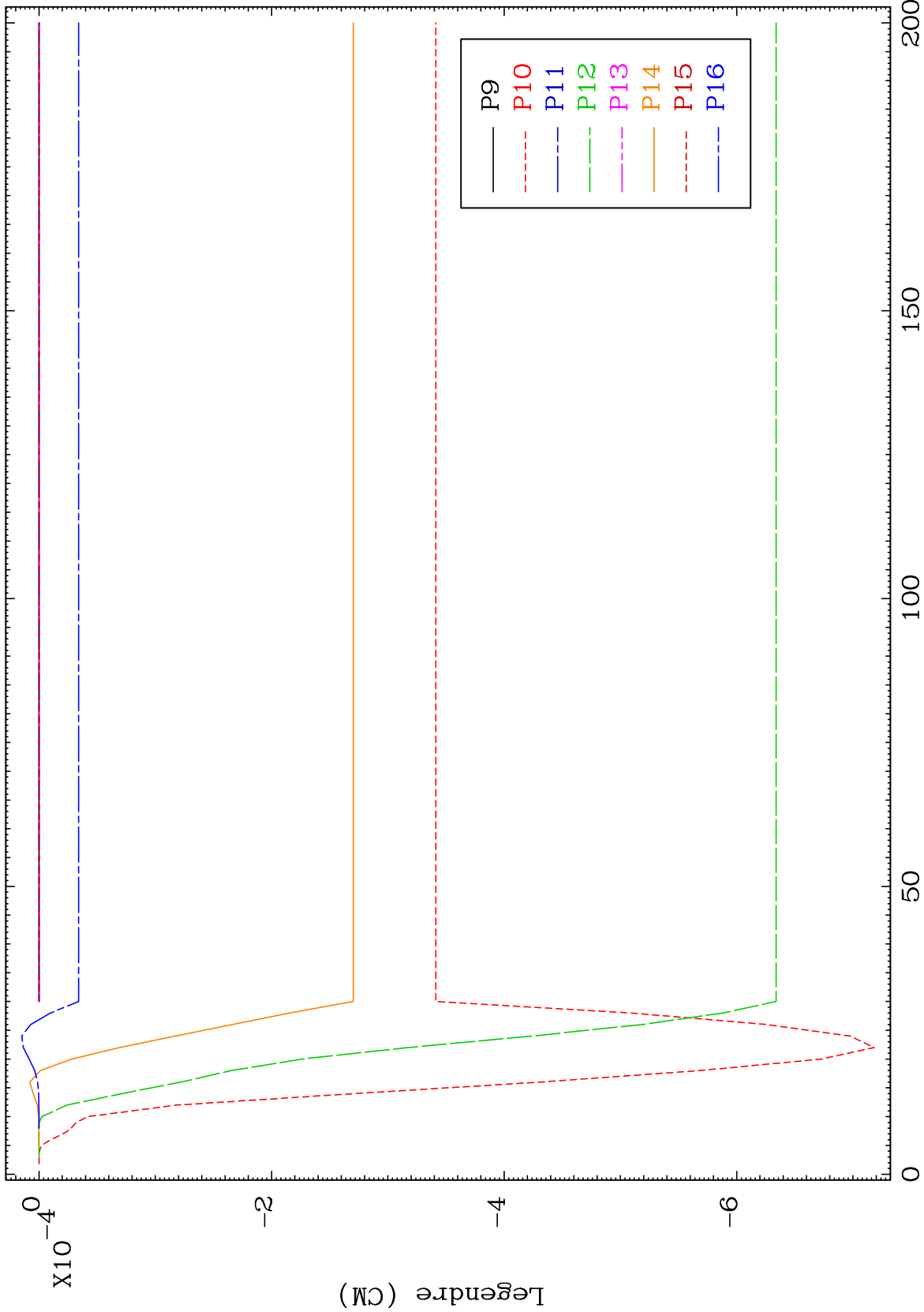
61-Pm-152

MAT 6164

MT= 59 (n,n') Level

61-Pm-152

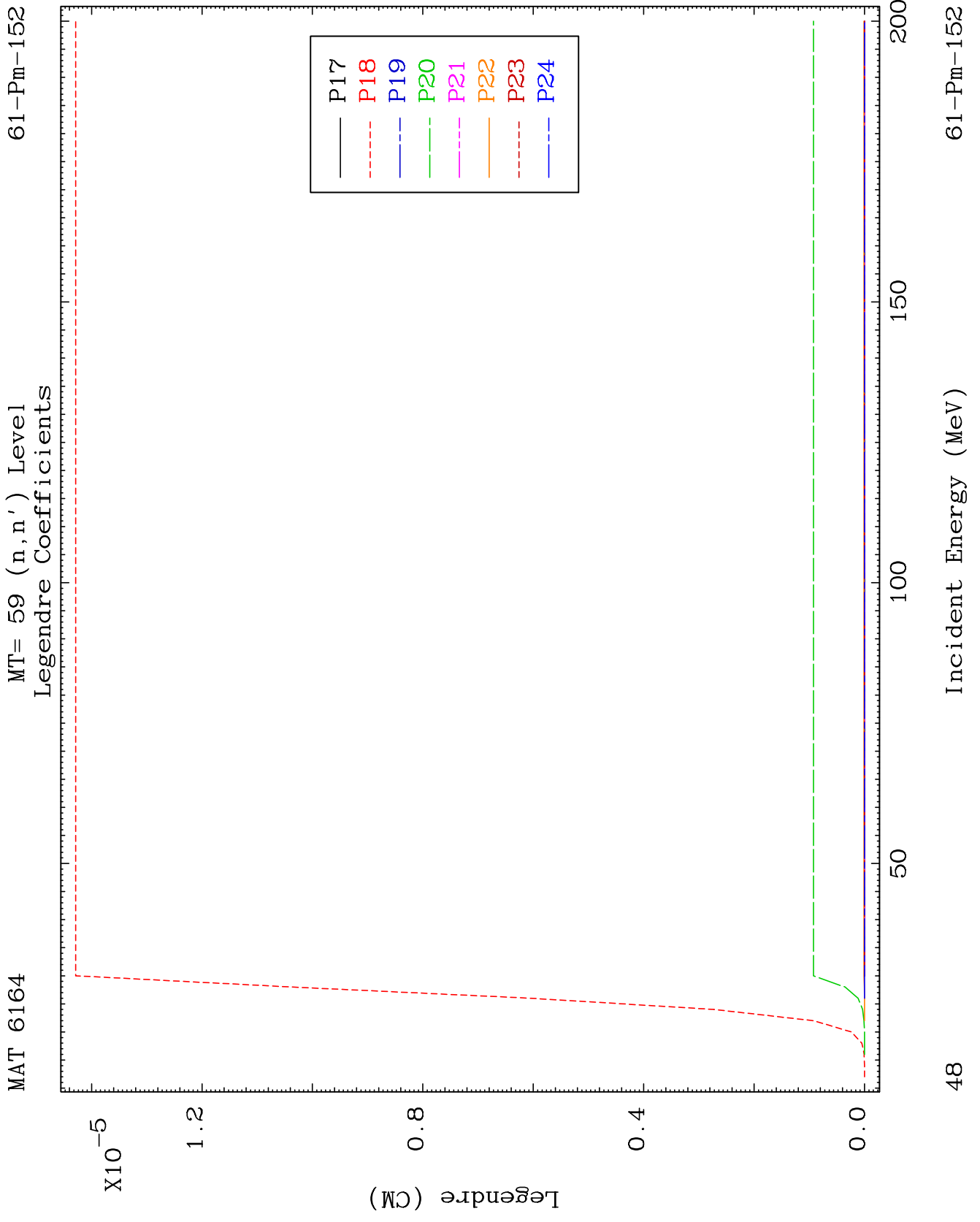
Legendre Coefficients



47

Incident Energy (MeV)

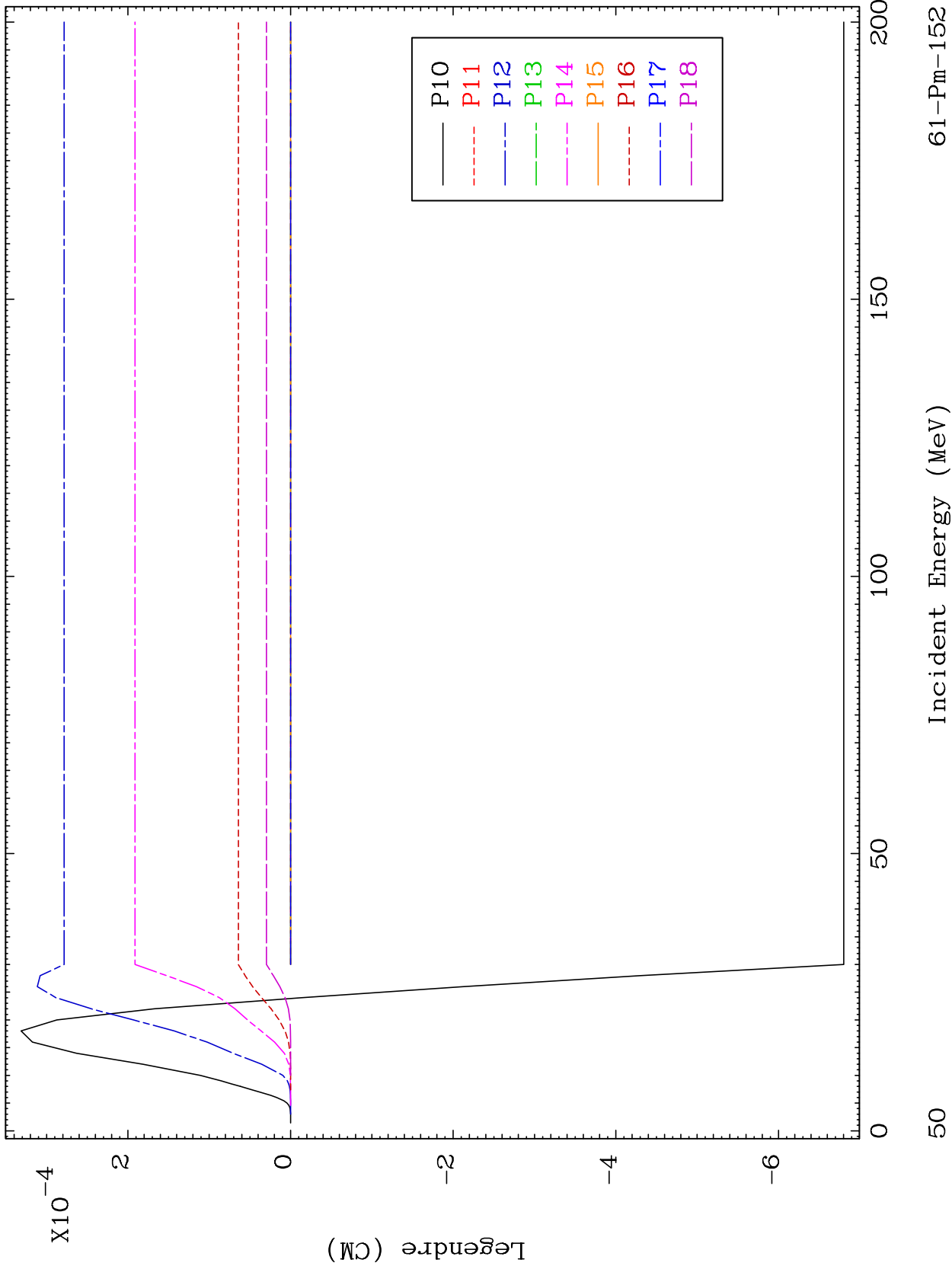
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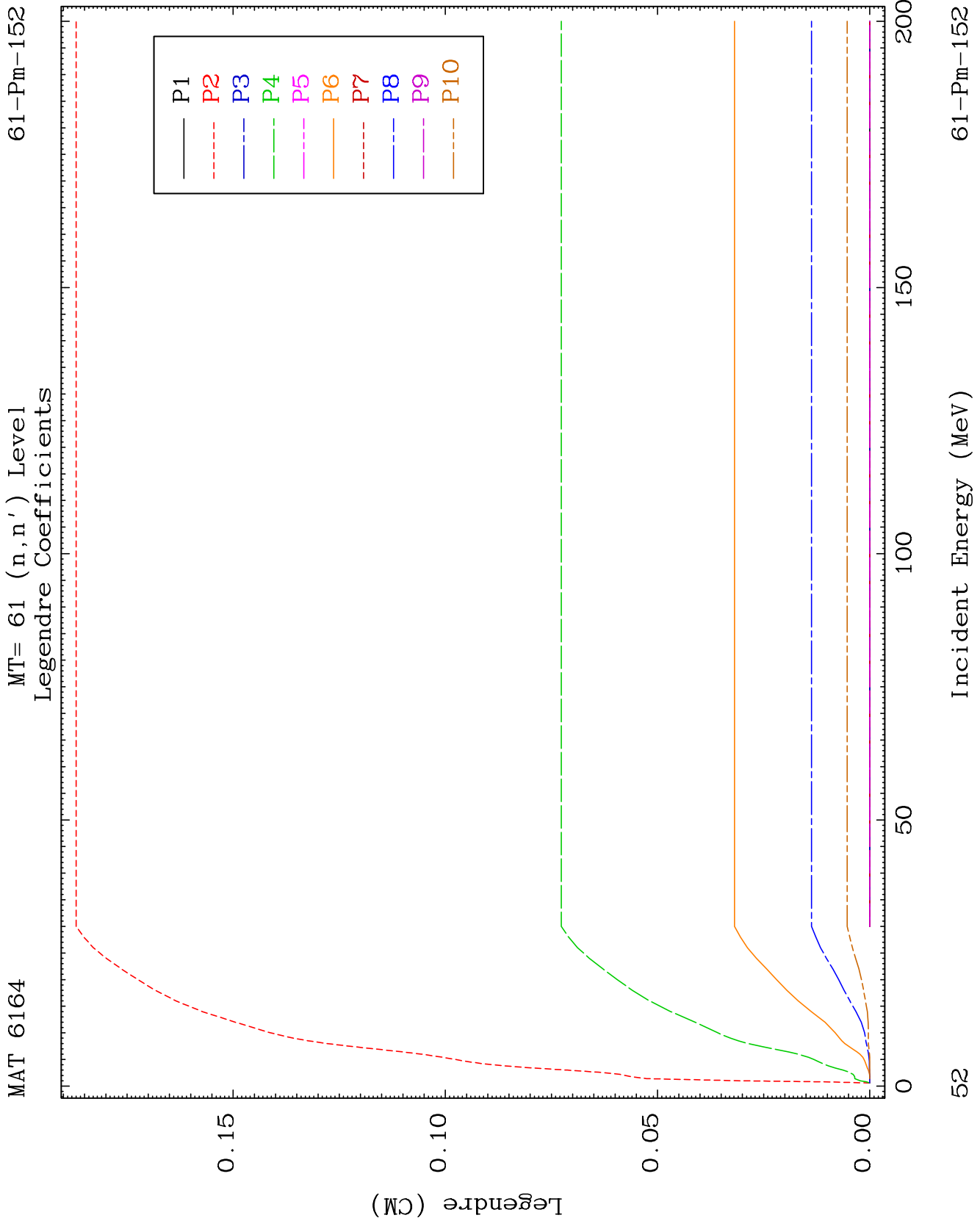


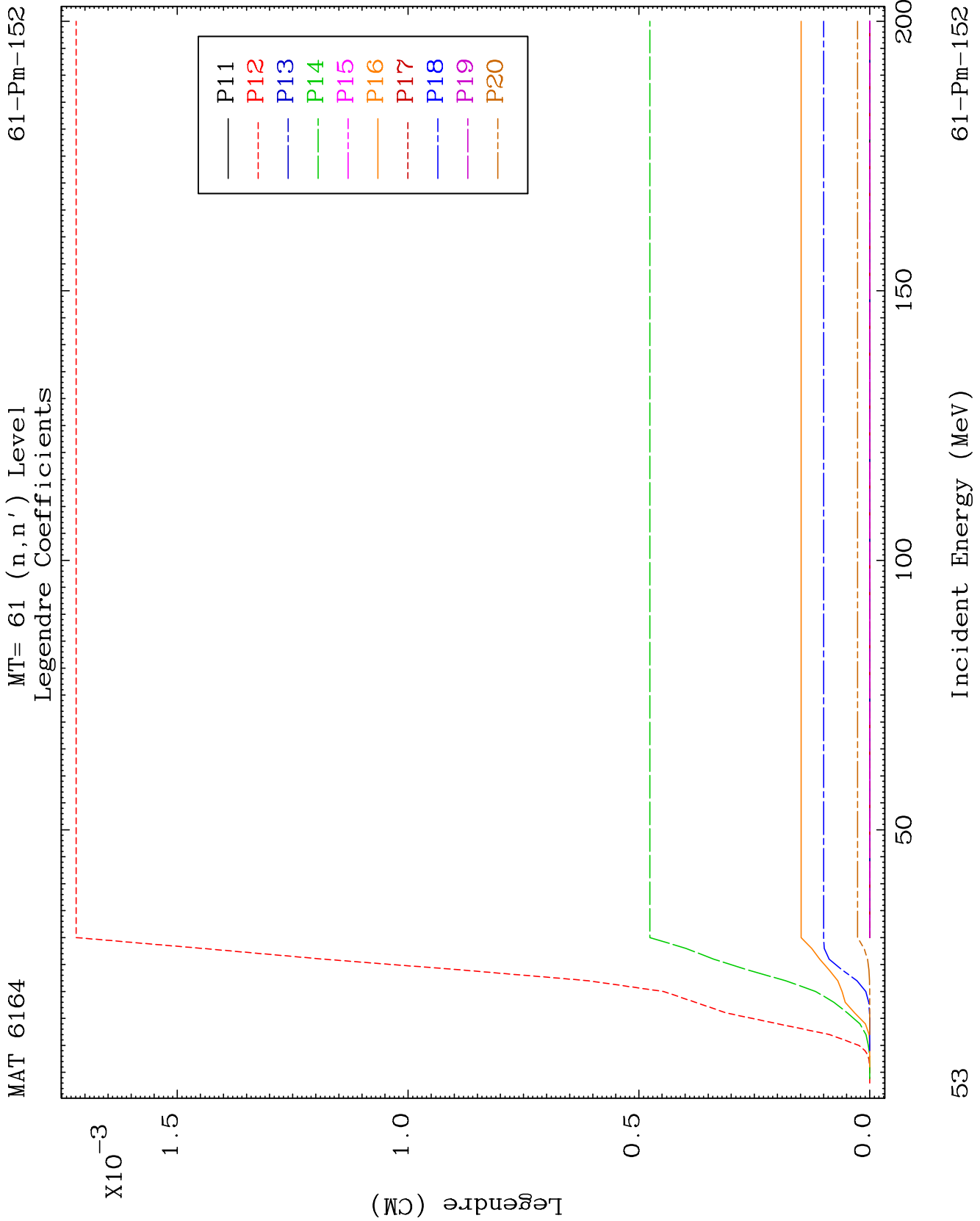
MAT 6164

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

61-Pm-152



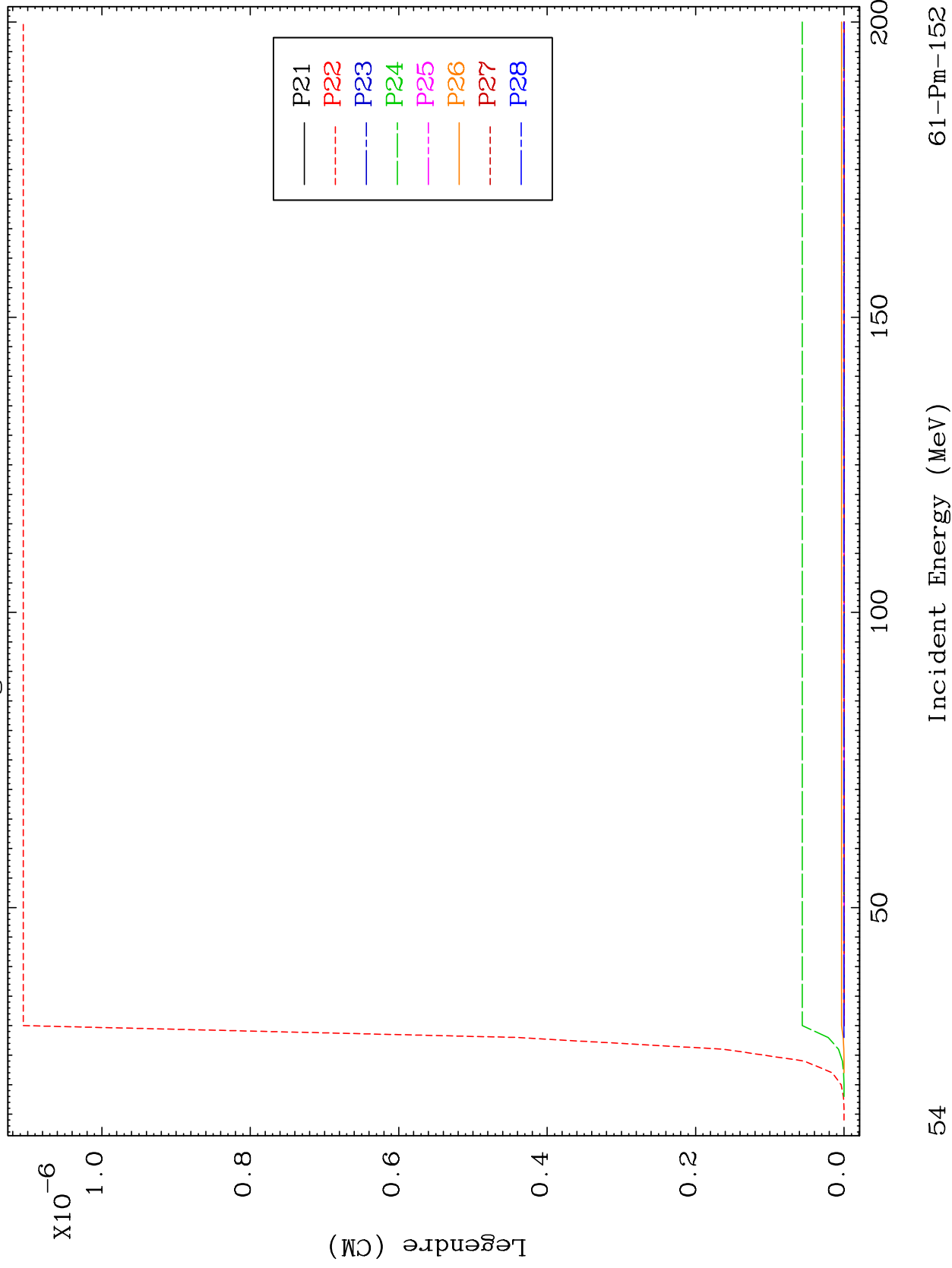


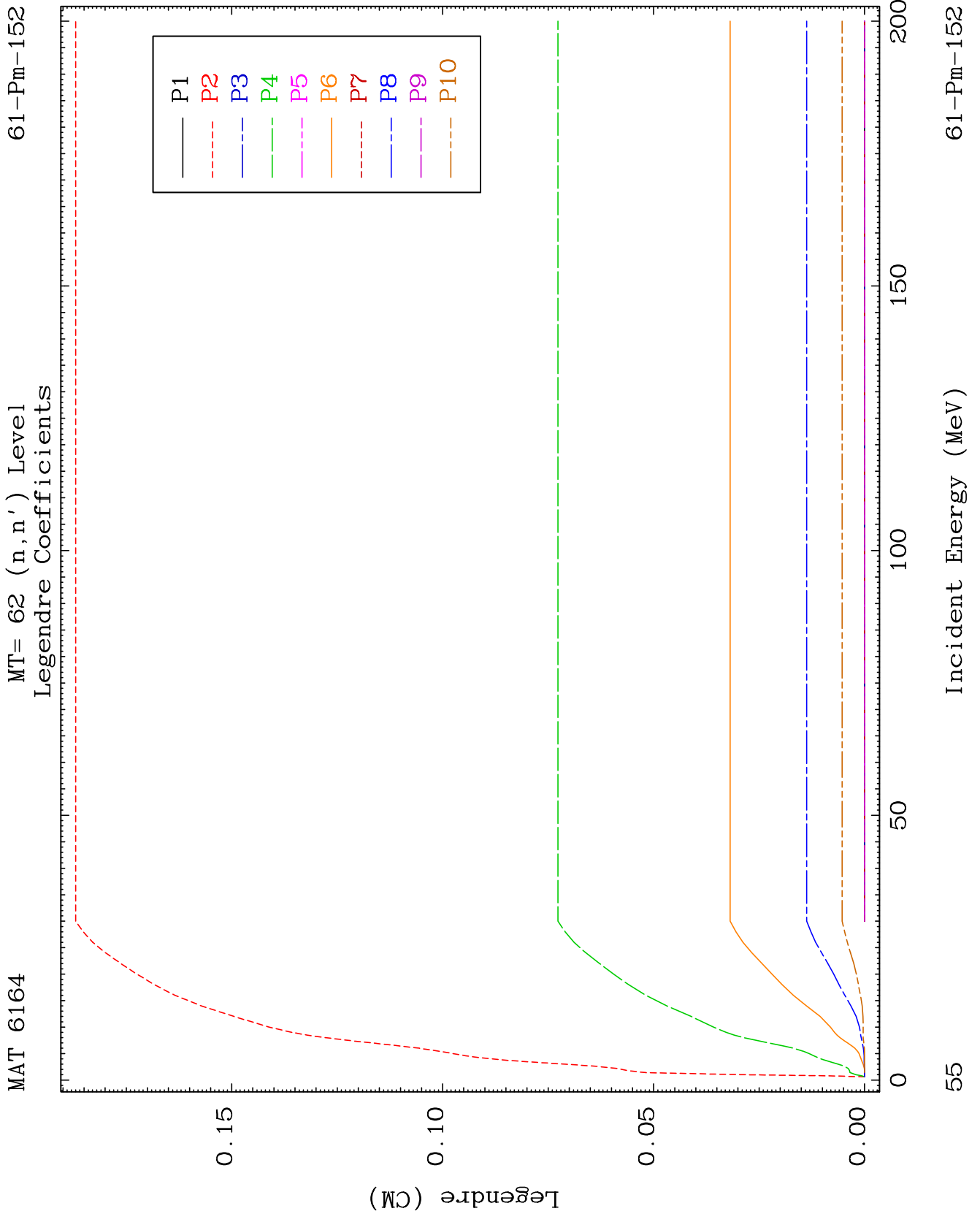


MAT 6164

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

61-Pm-152

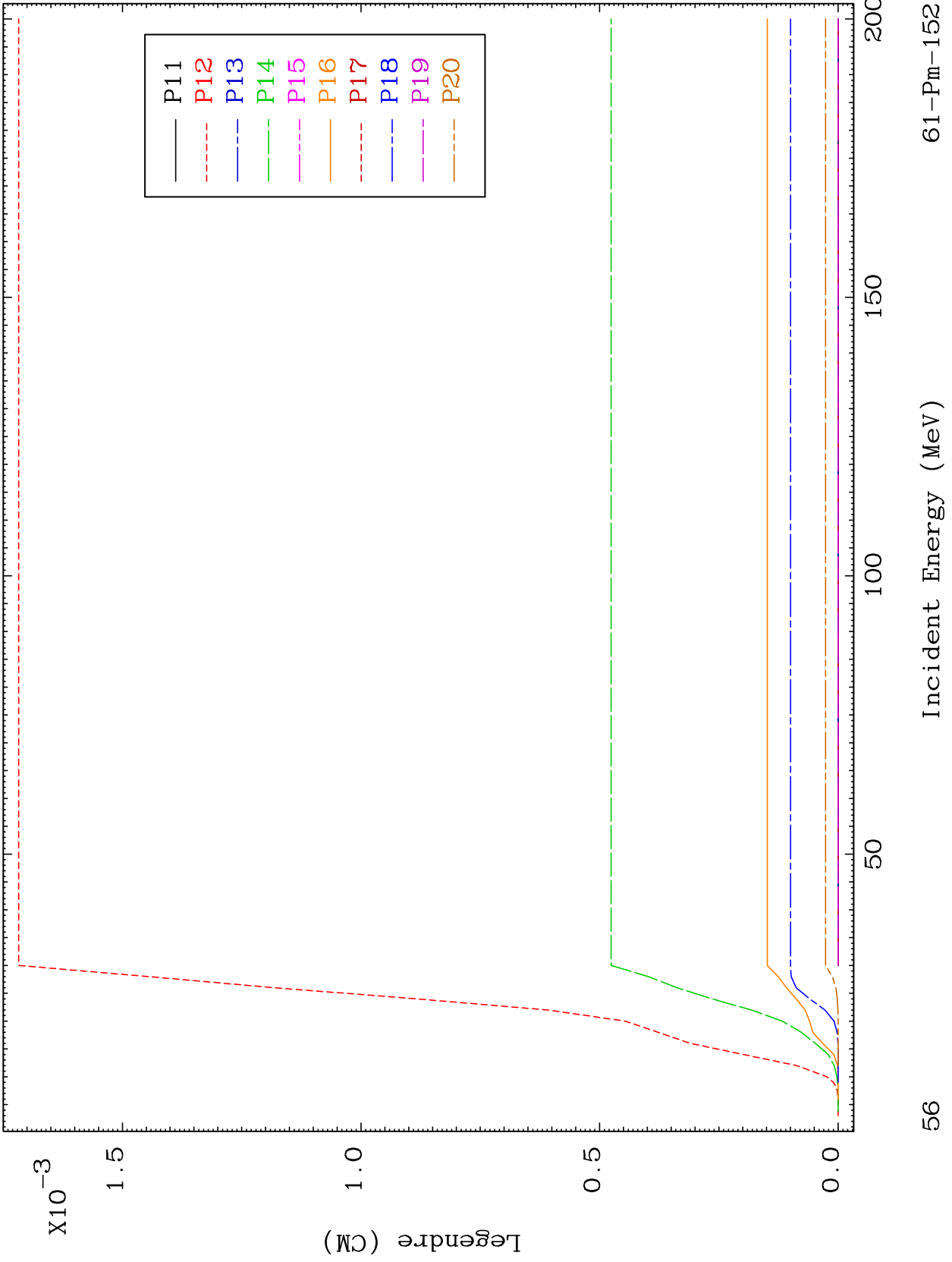




MAT 6164

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

61-Pm-152



56

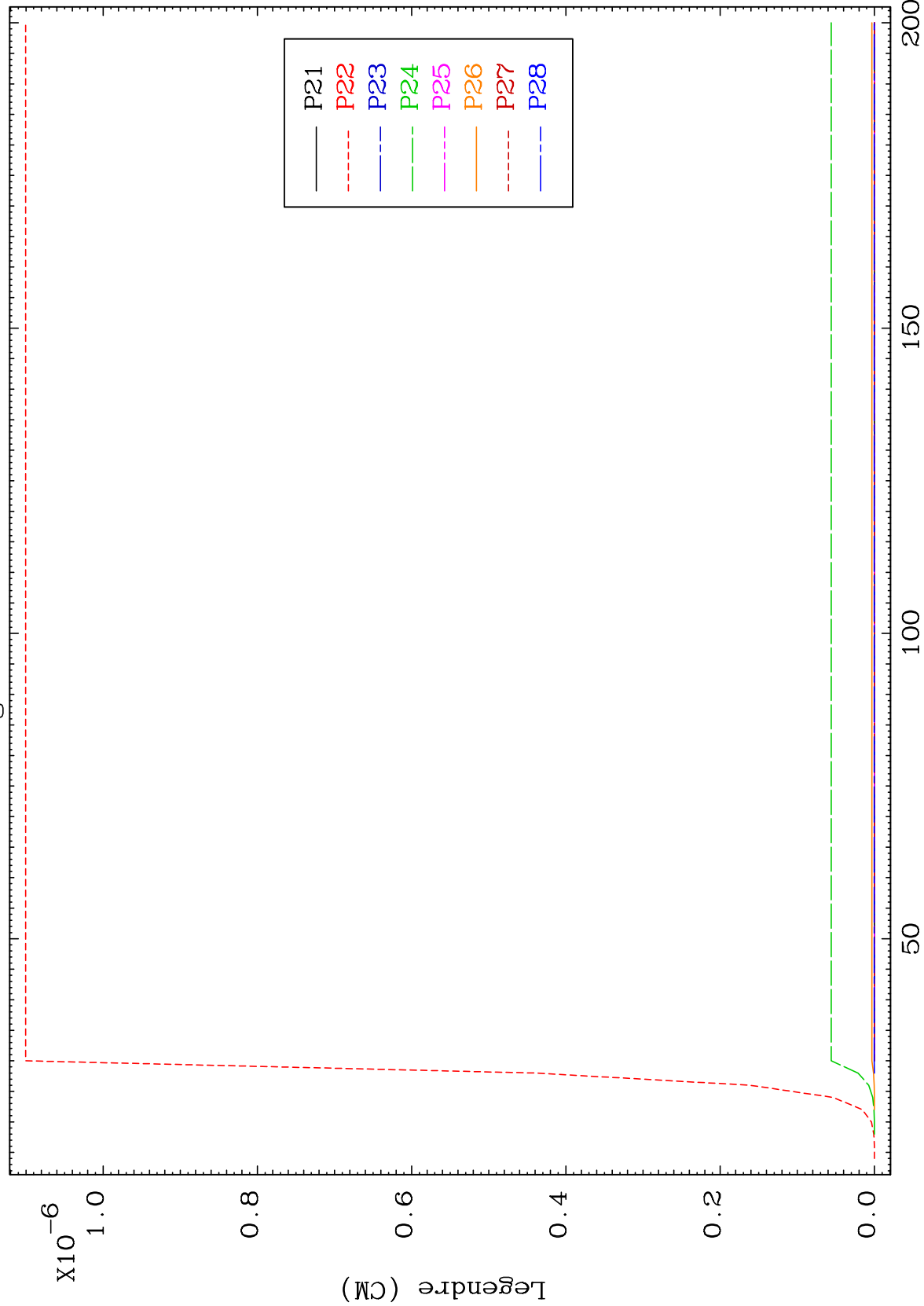
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

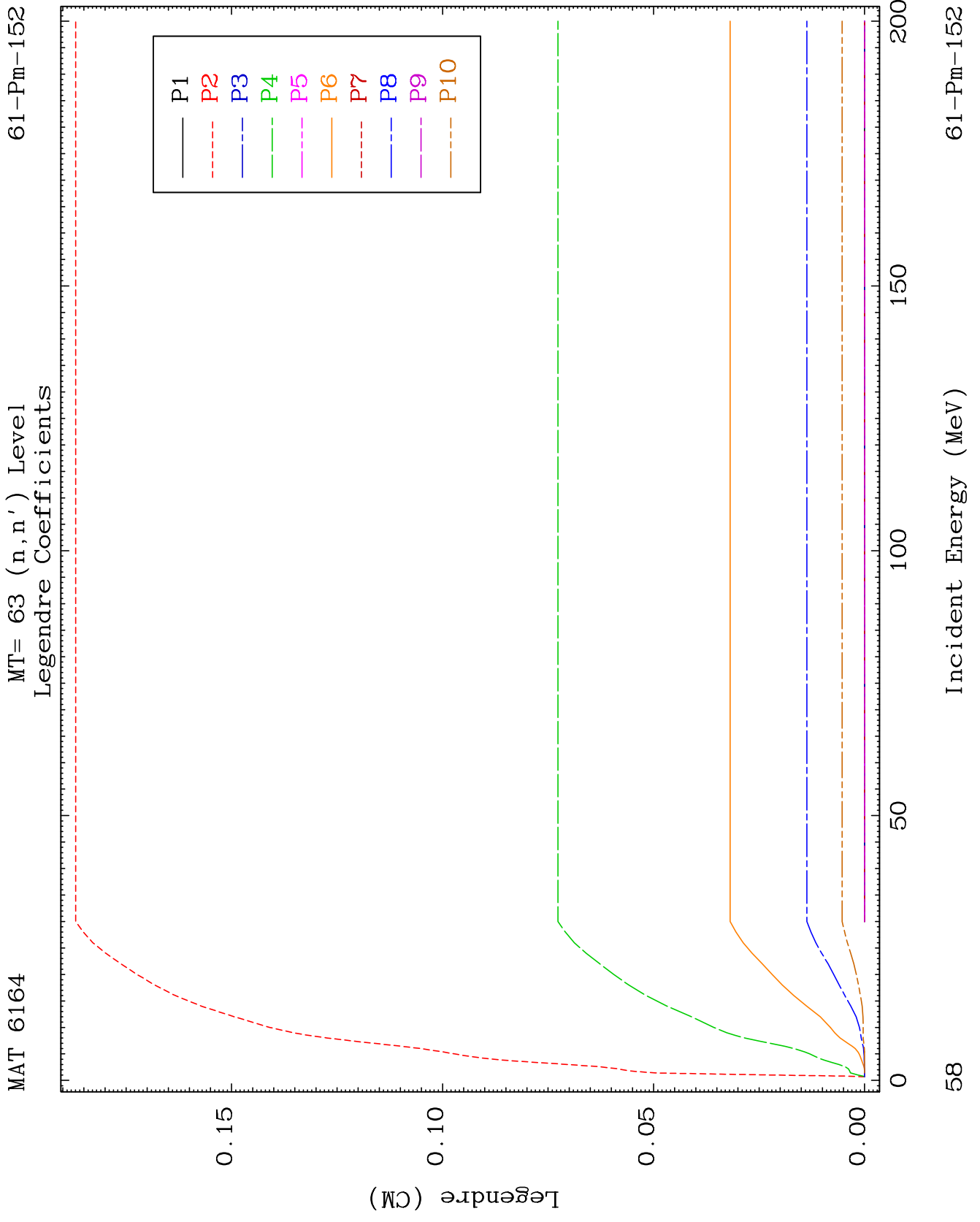
61-Pm-152



61-Pm-152

Incident Energy (MeV)

57



61-Pm-152

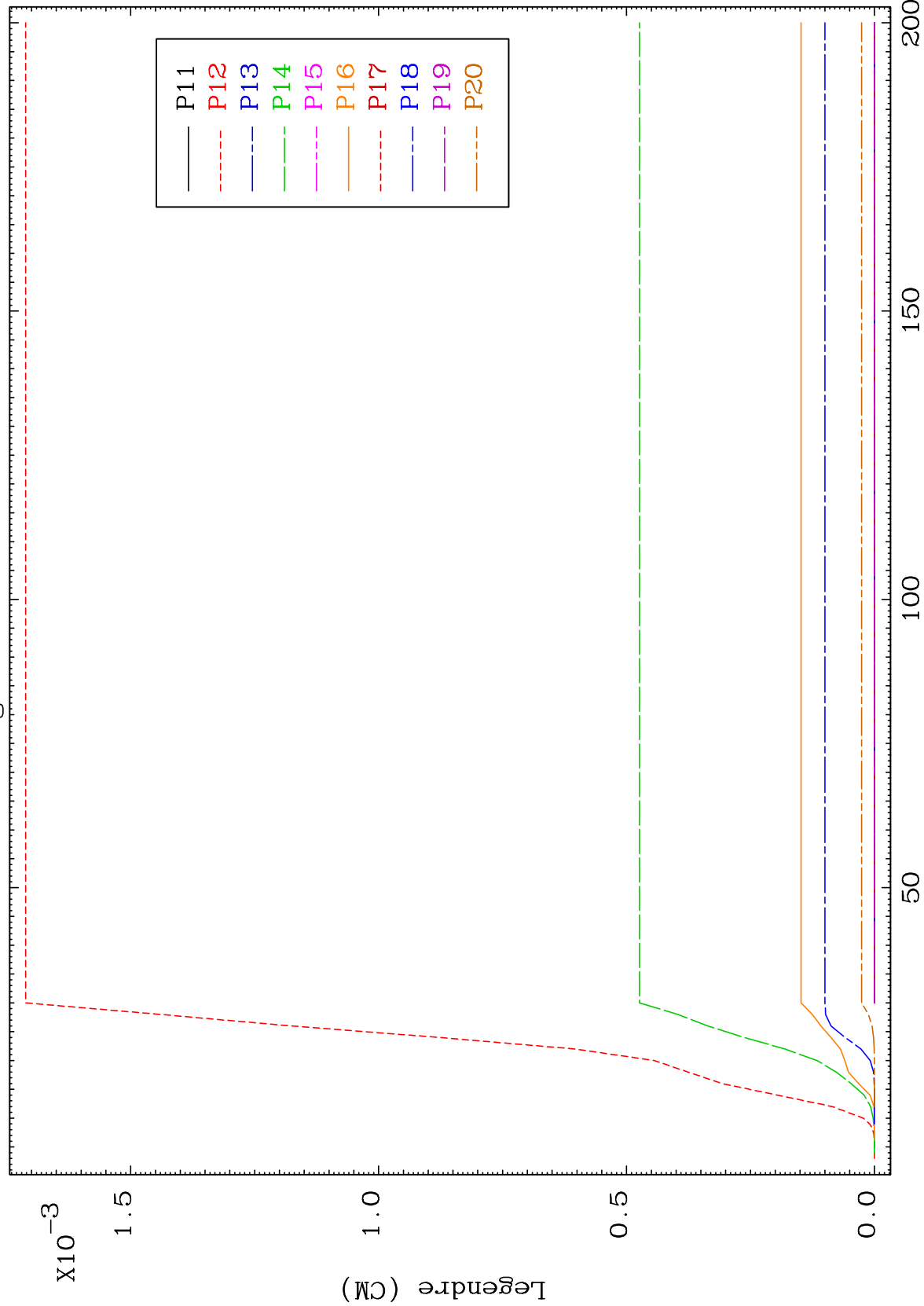
Incident Energy (MeV)

58

MAT 6164

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

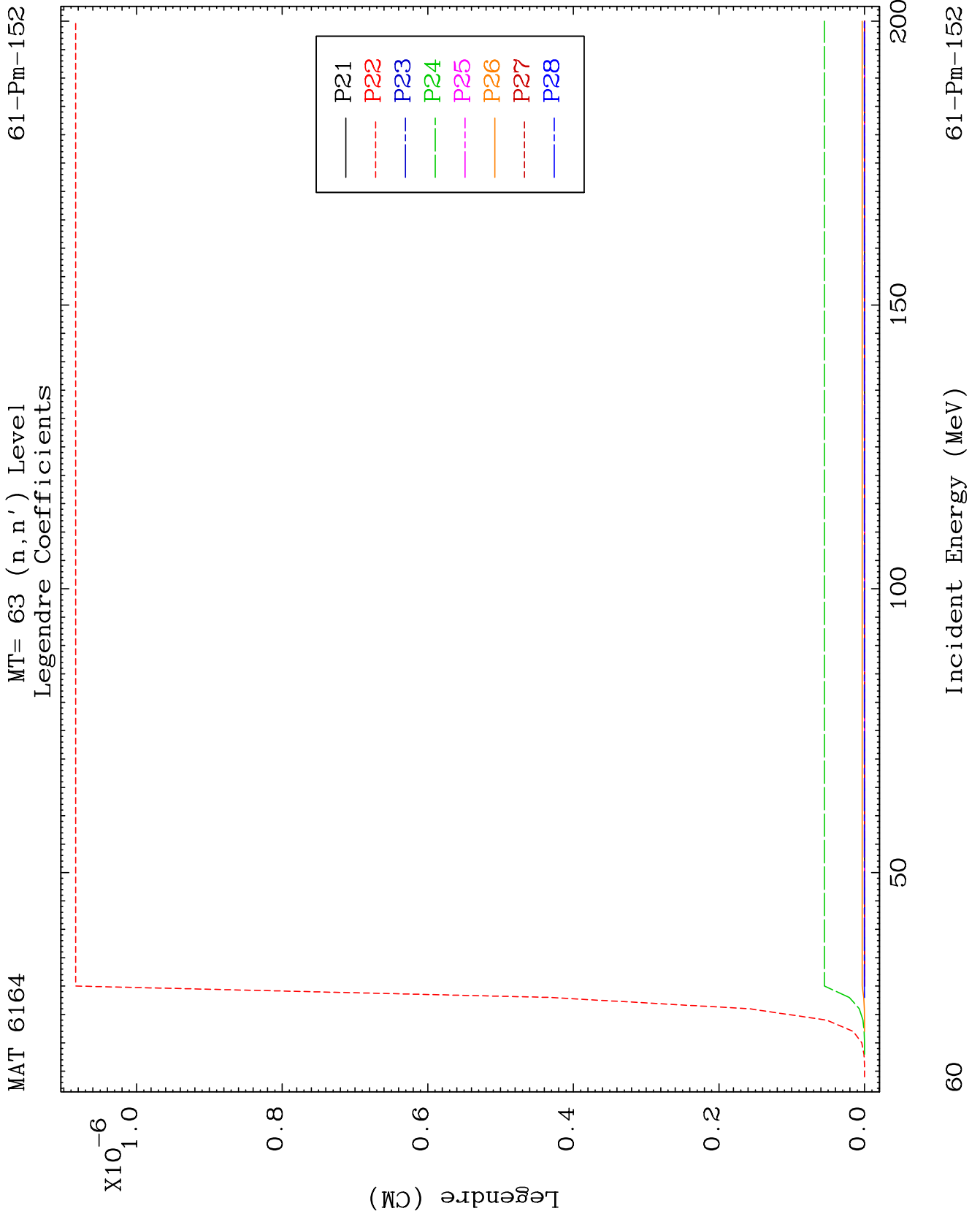
61-Pm-152



59

Incident Energy (MeV)

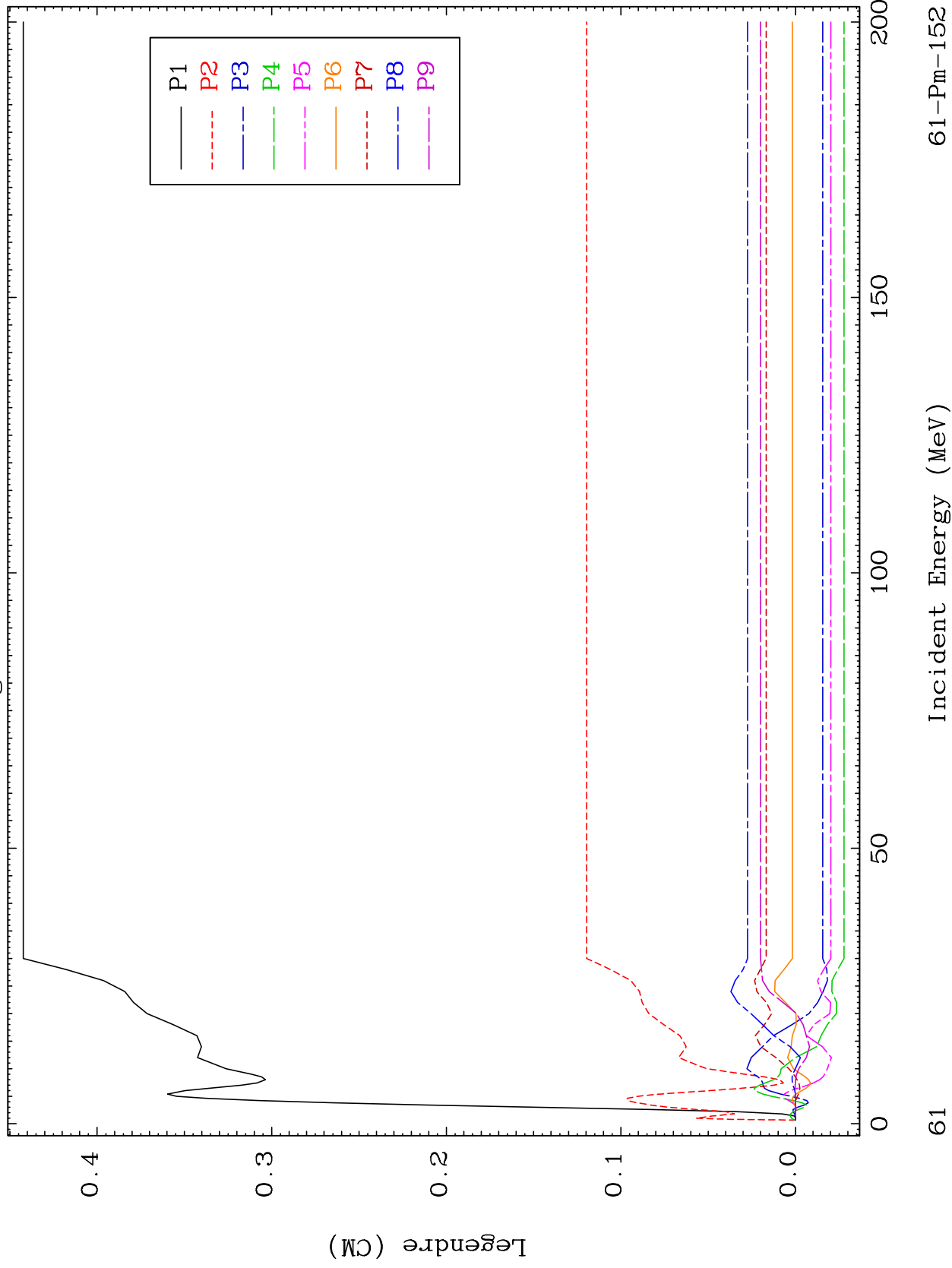
61-Pm-152



MAT 6164

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

61-Pm-152



61-Pm-152

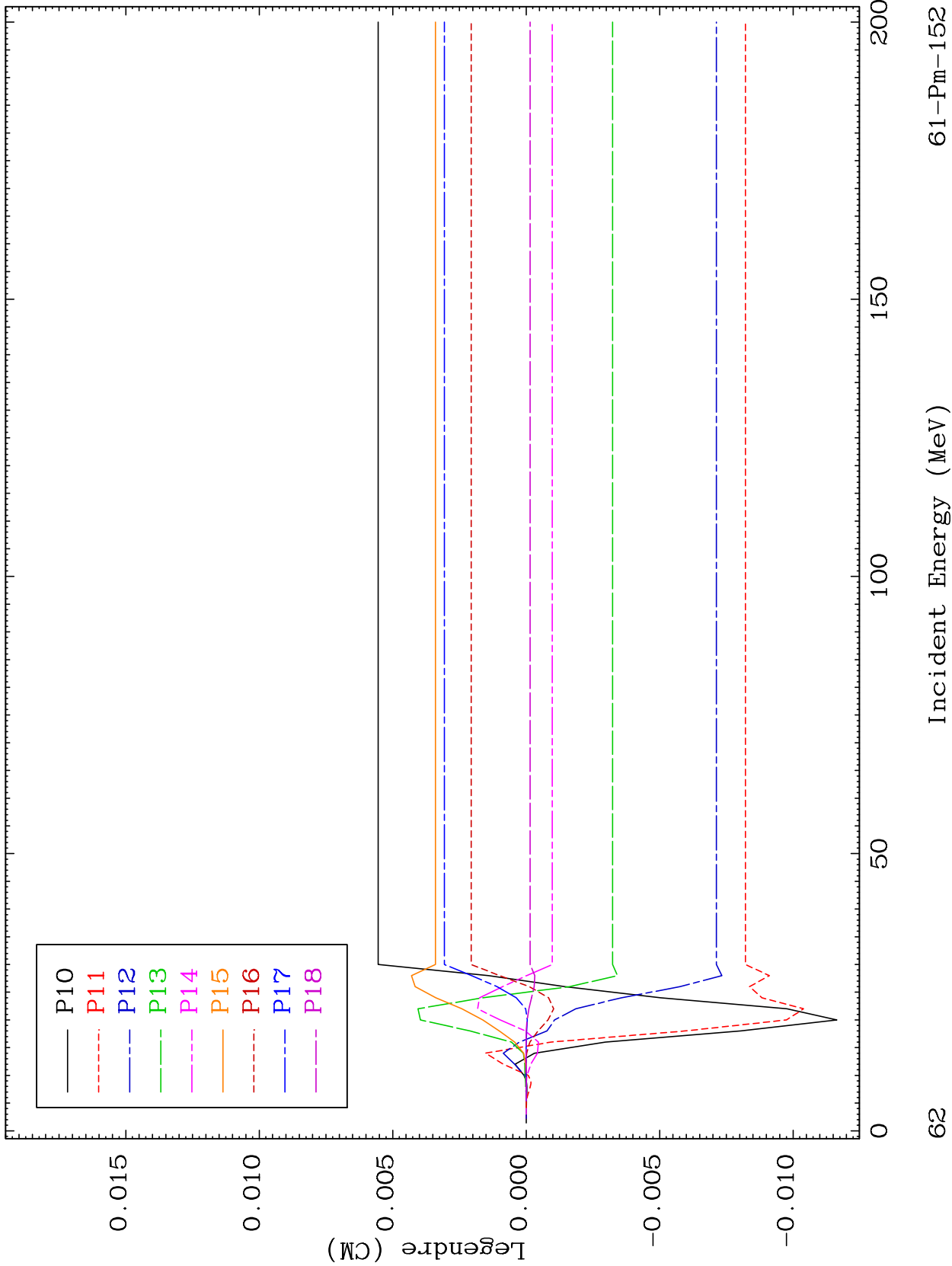
Incident Energy (MeV)

61

MAT 6164

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

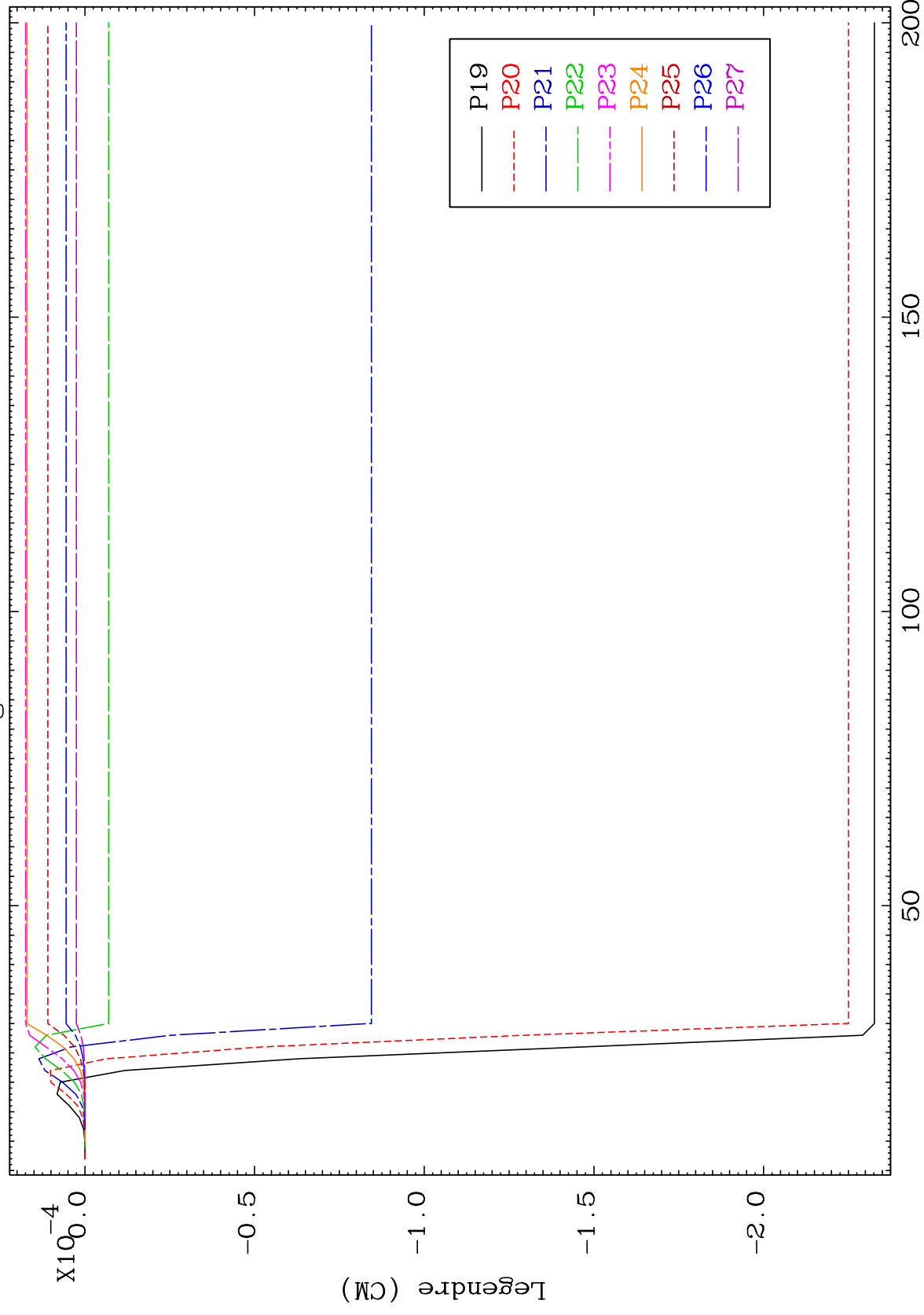
61-Pm-152



MAT 6164

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

61-Pm-152



63

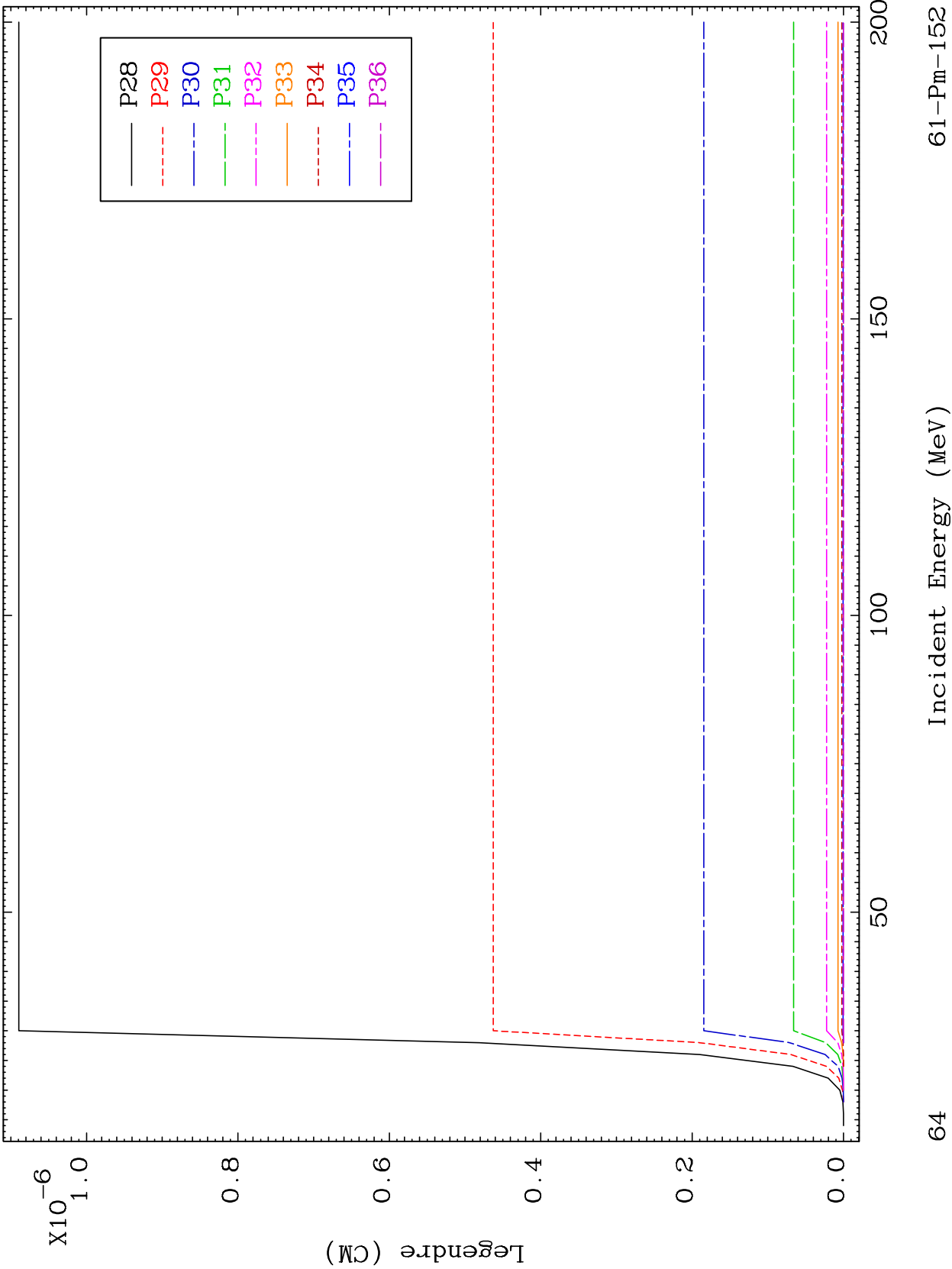
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

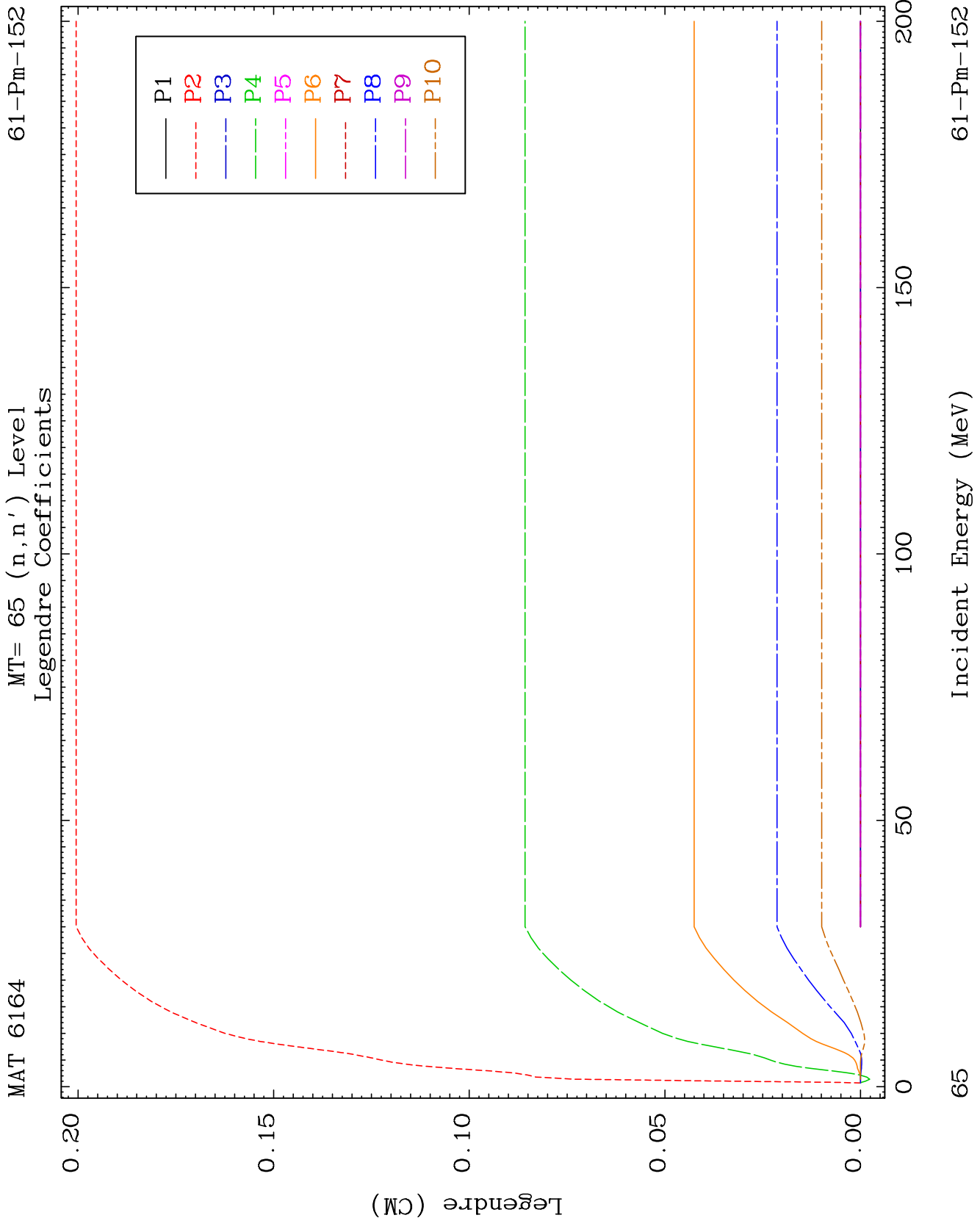
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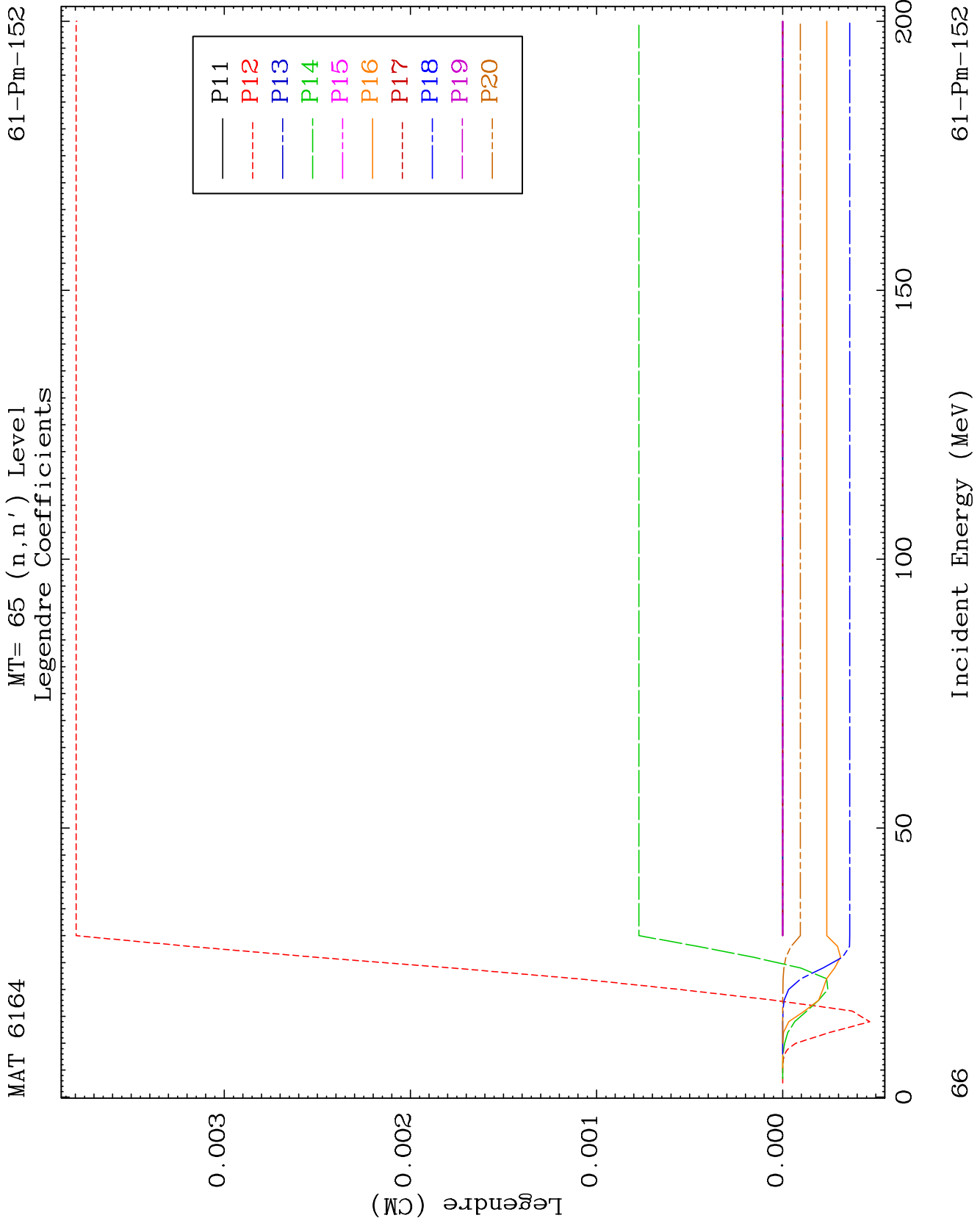


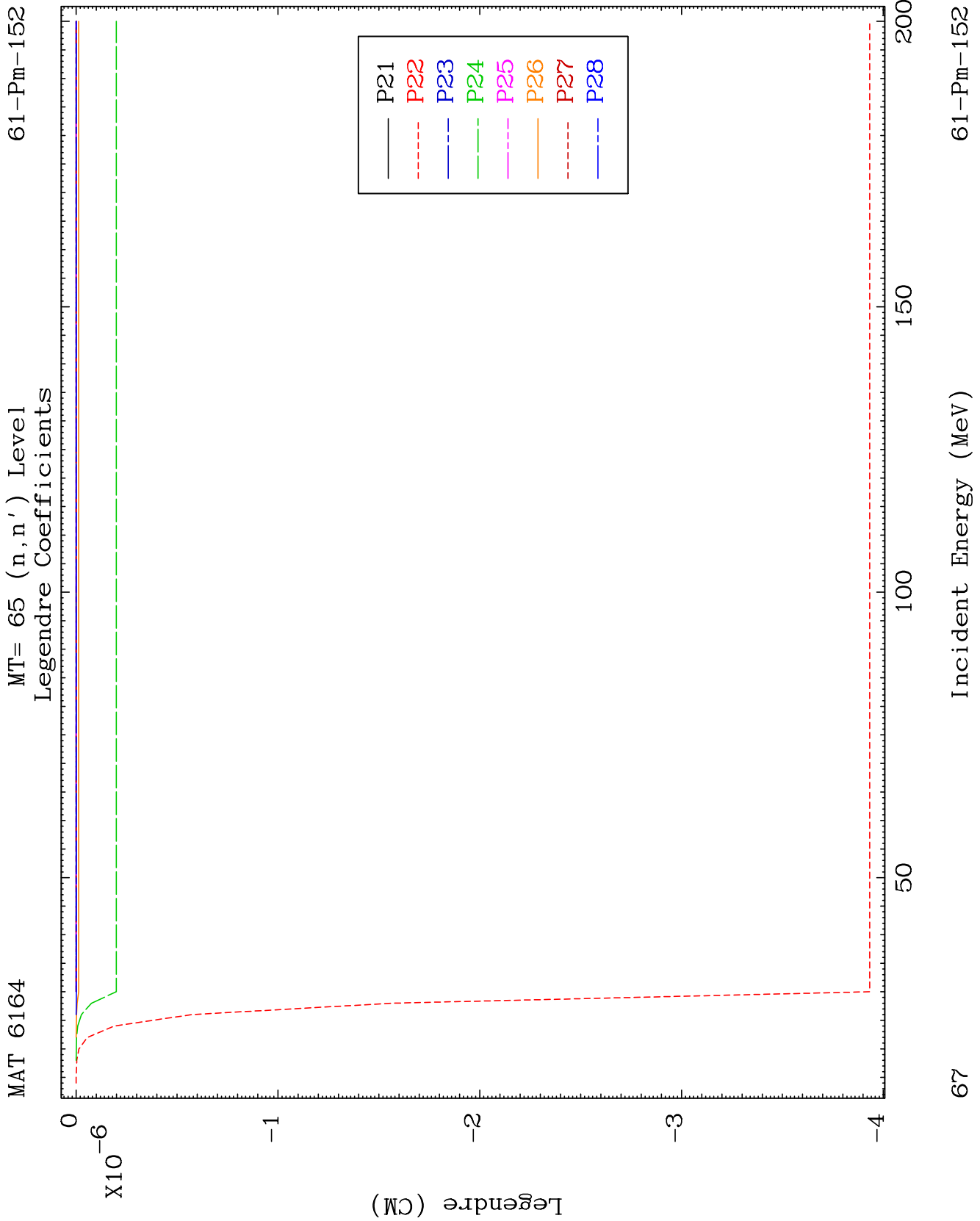
64

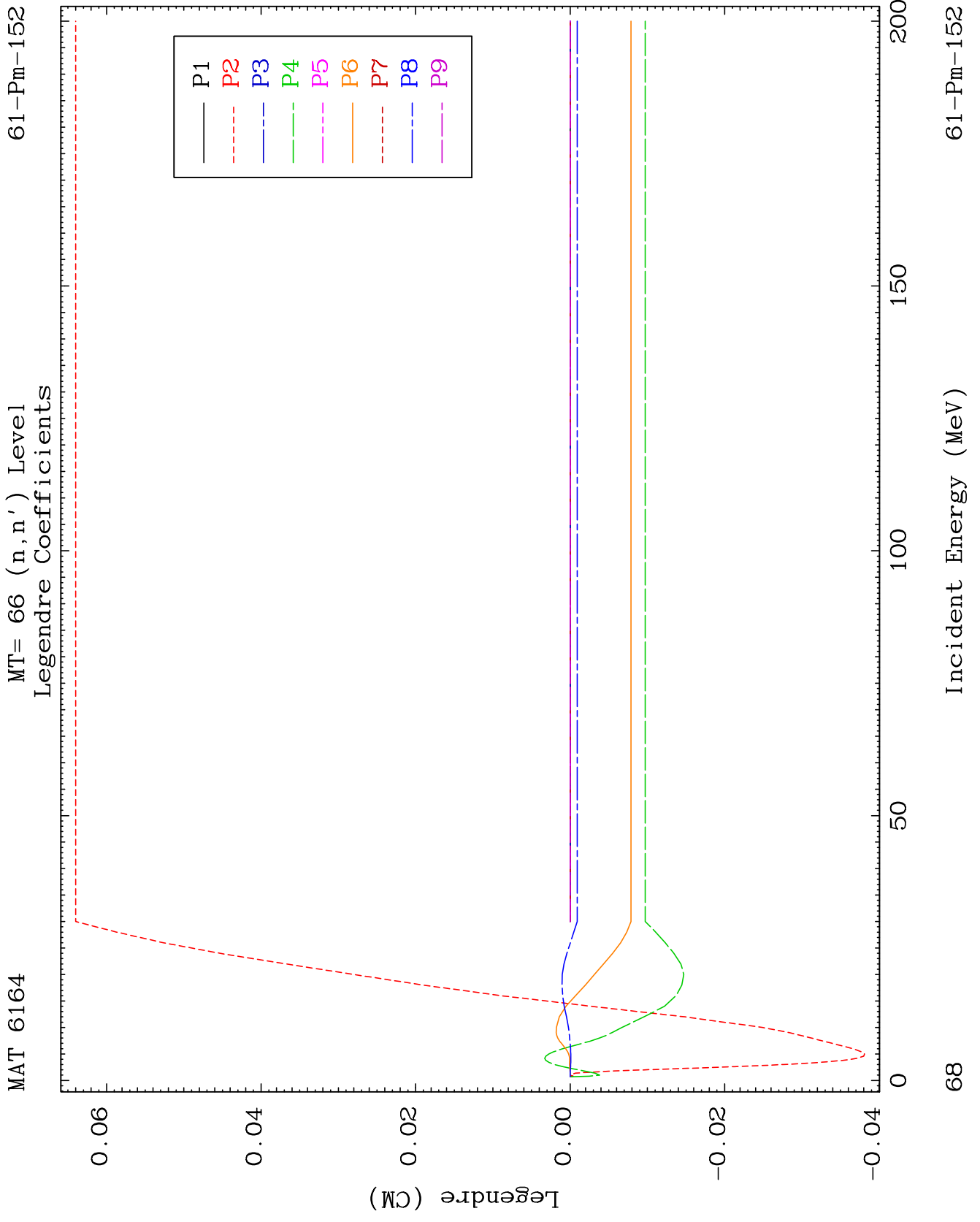
Incident Energy (MeV)

61-Pm-152







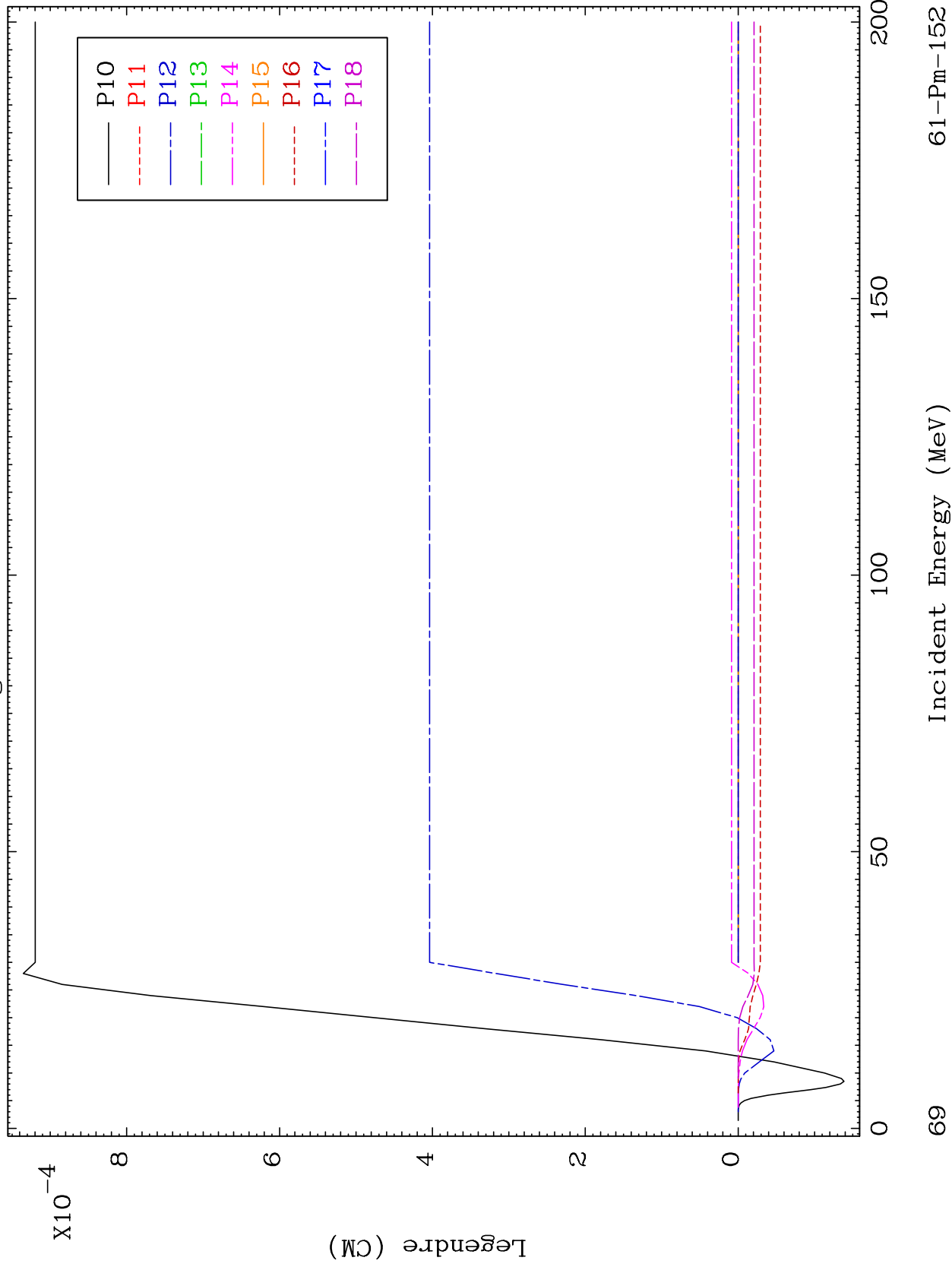


MAT 6164

MT= 66 (n,n') Level

61-Pm-152

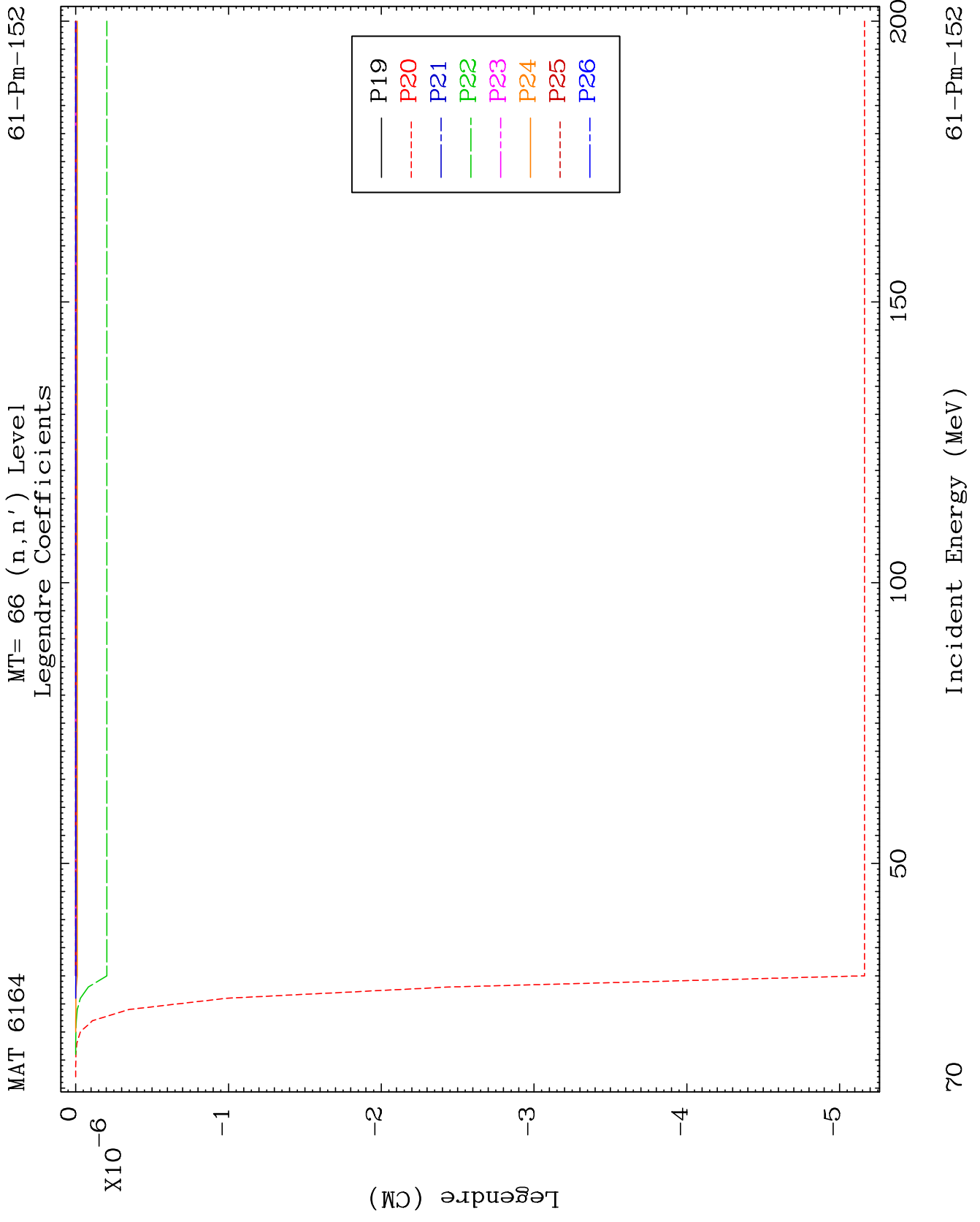
Legendre Coefficients



61-Pm-152

Incident Energy (MeV)

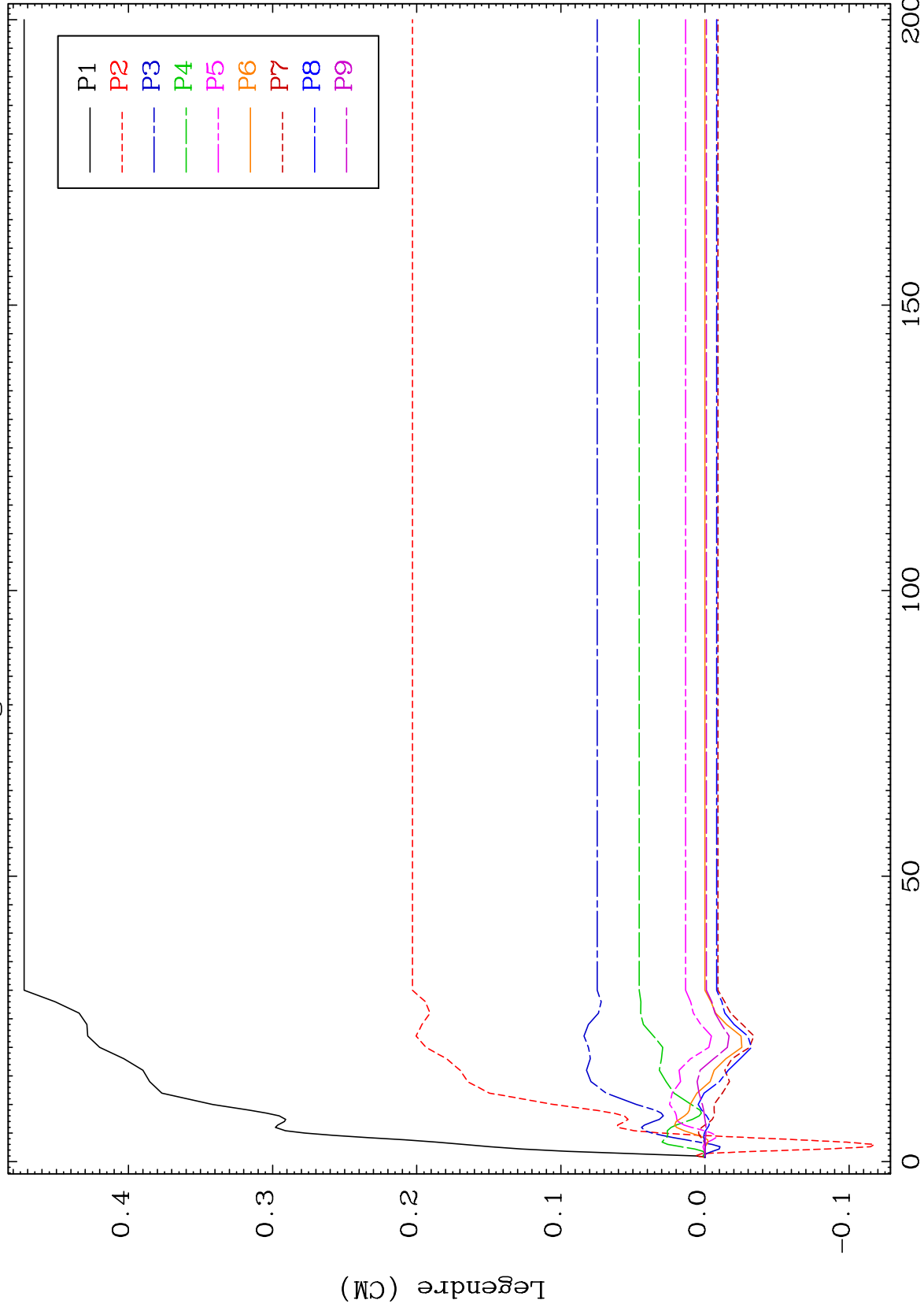
69



MAT 6164

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

61-Pm-152



61-Pm-152

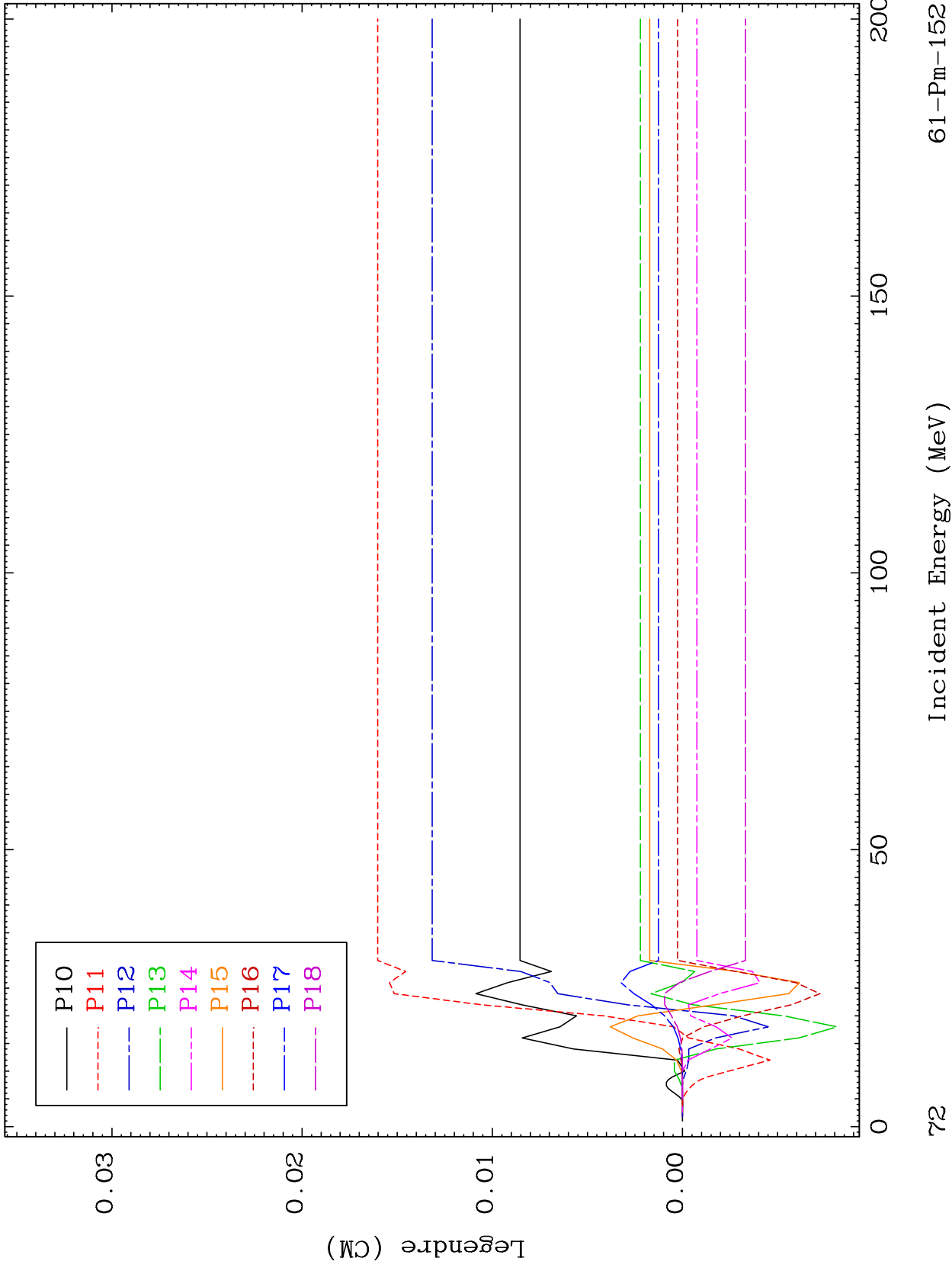
Incident Energy (MeV)

71

MAT 6164

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

61-Pm-152



72

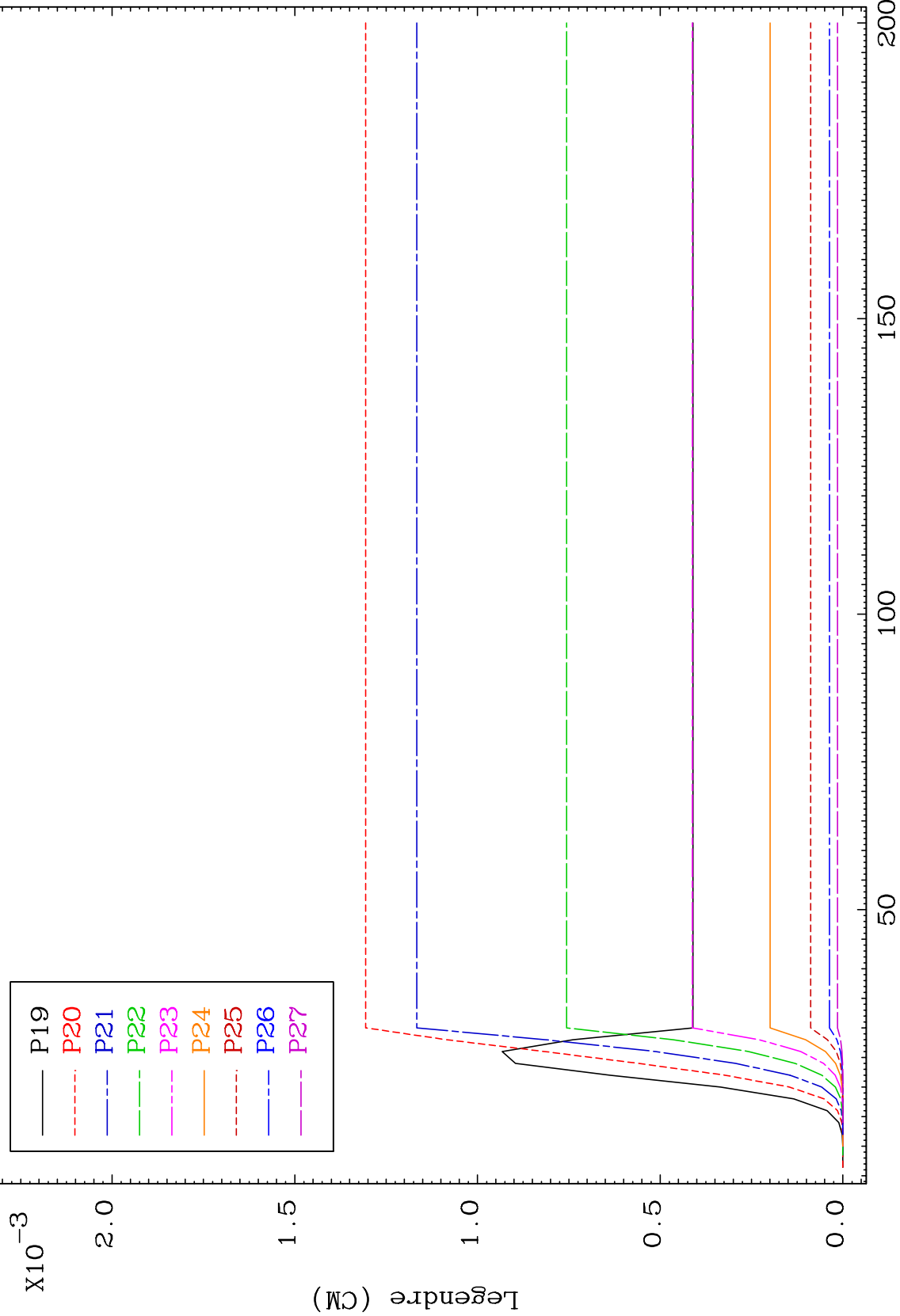
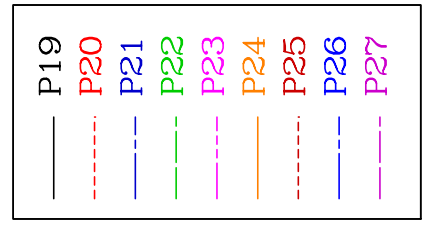
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



73

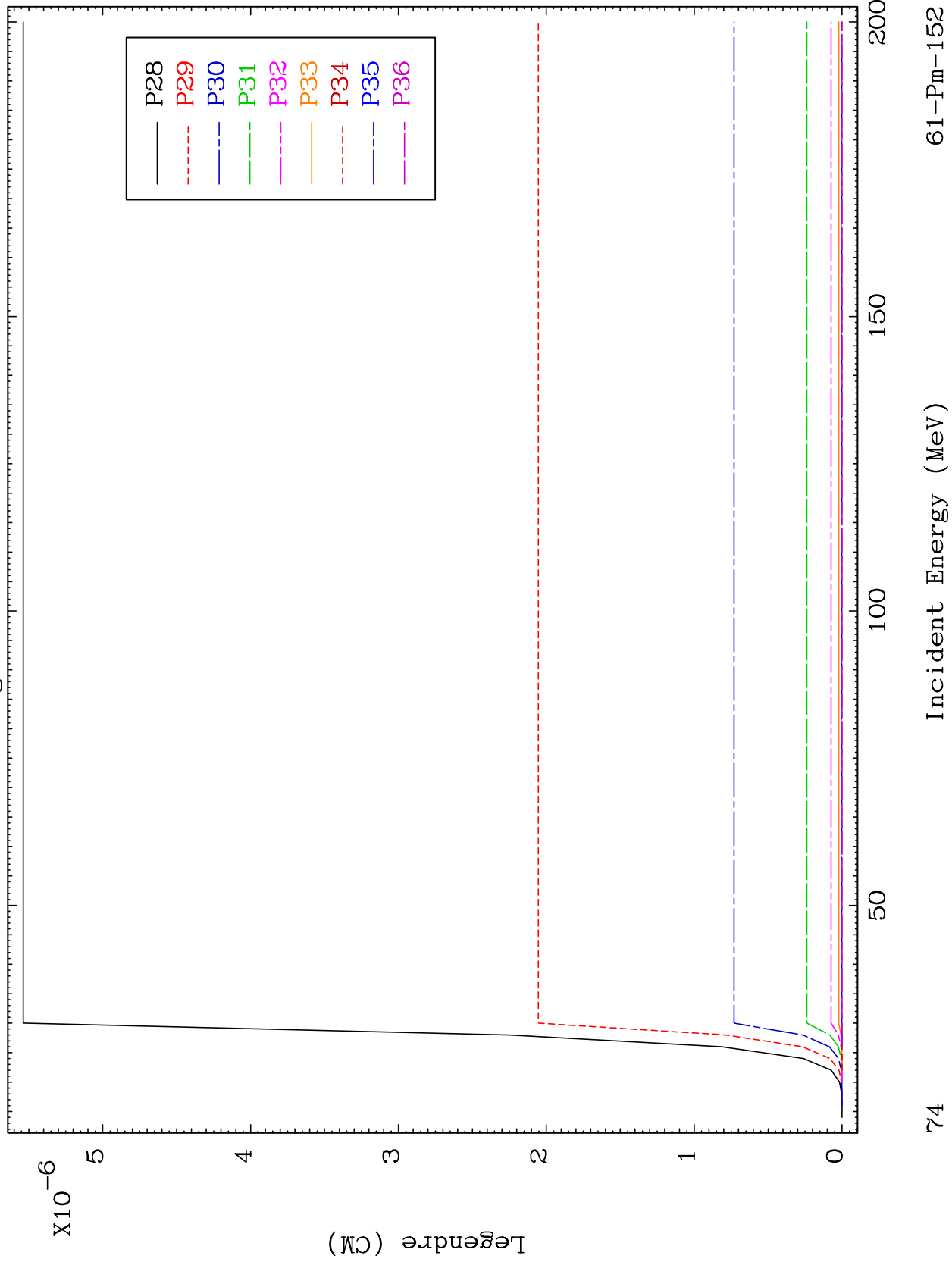
Incident Energy (MeV)

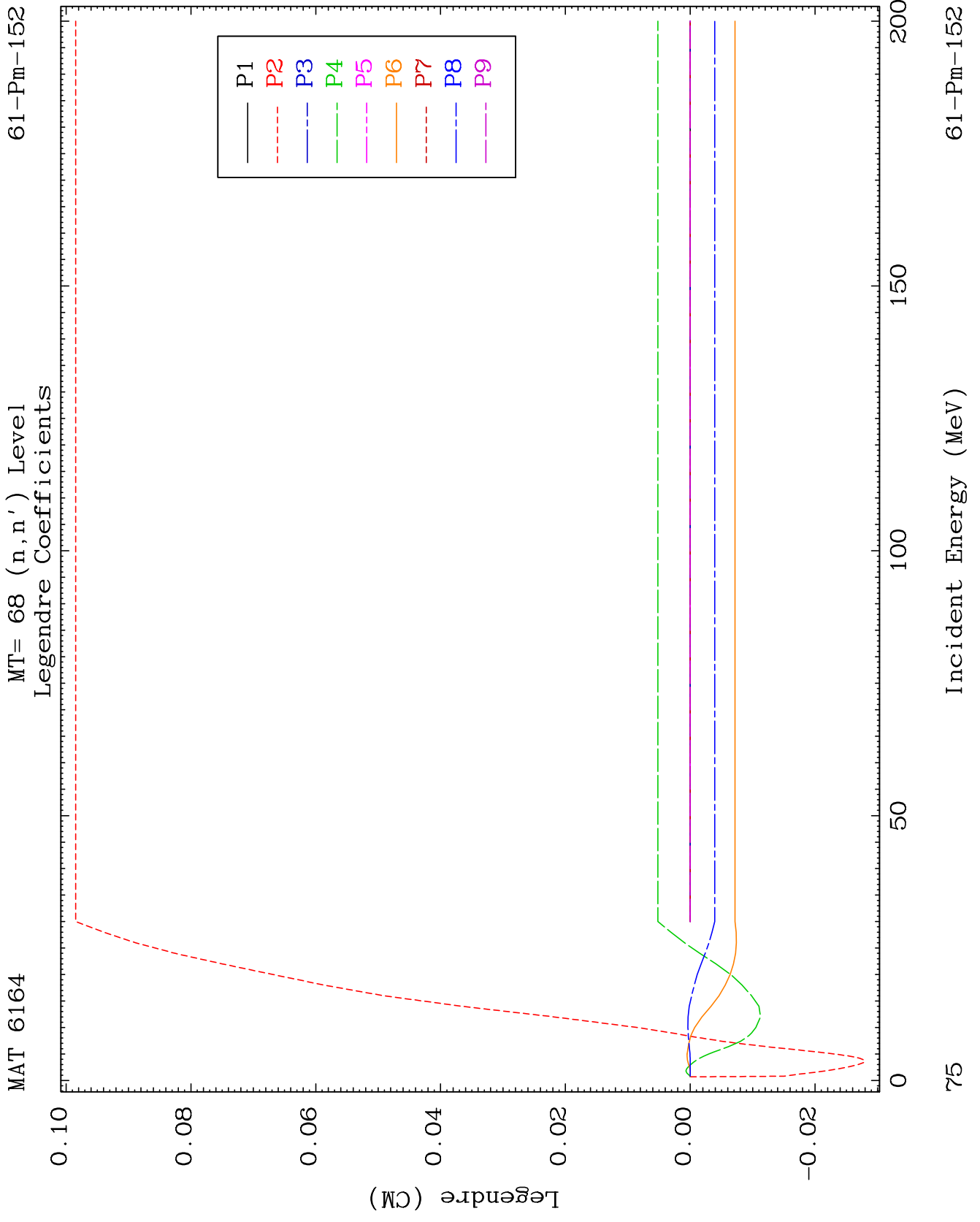
61-Pm-152

MAT 6164

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

61-Pm-152

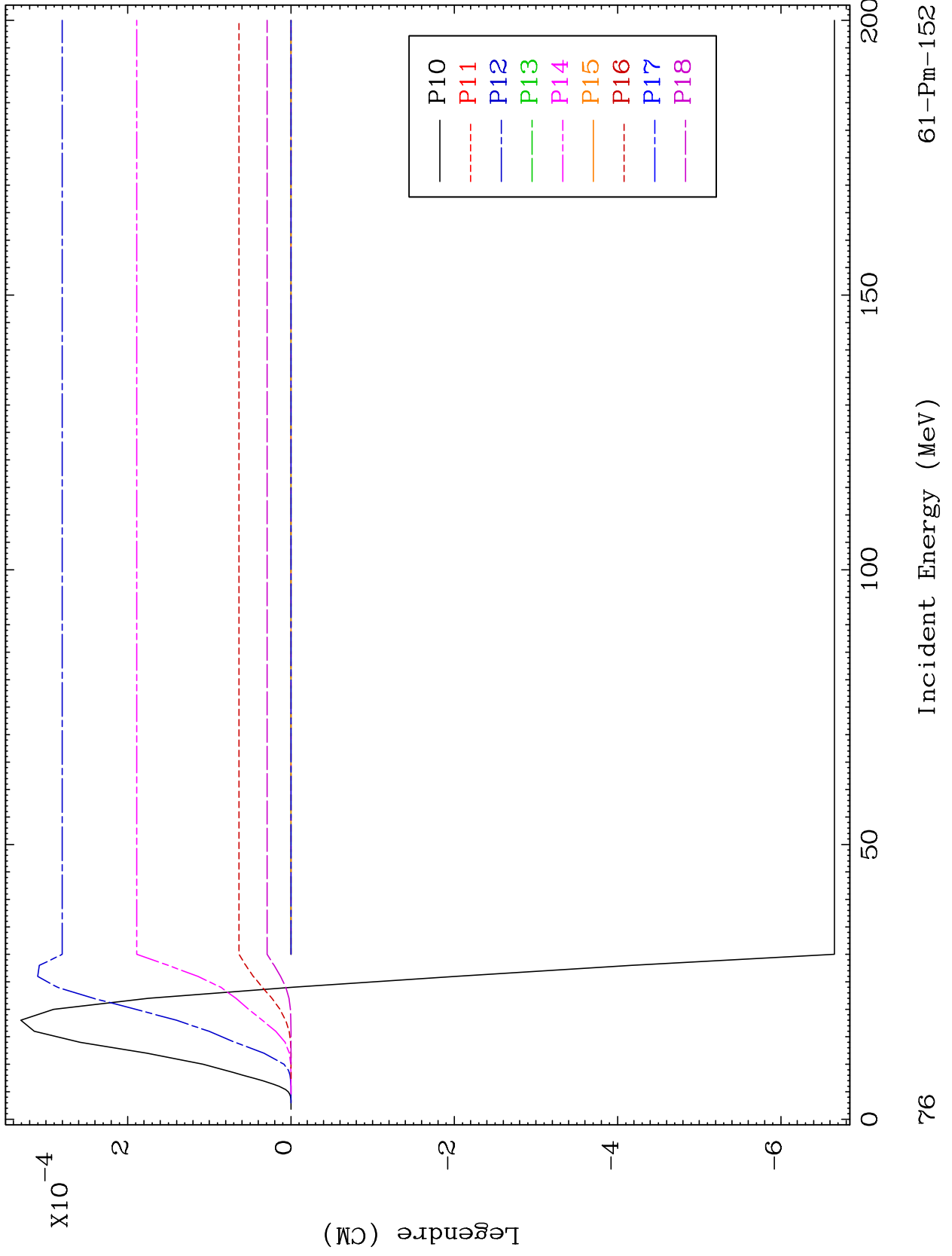




MAT 6164

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

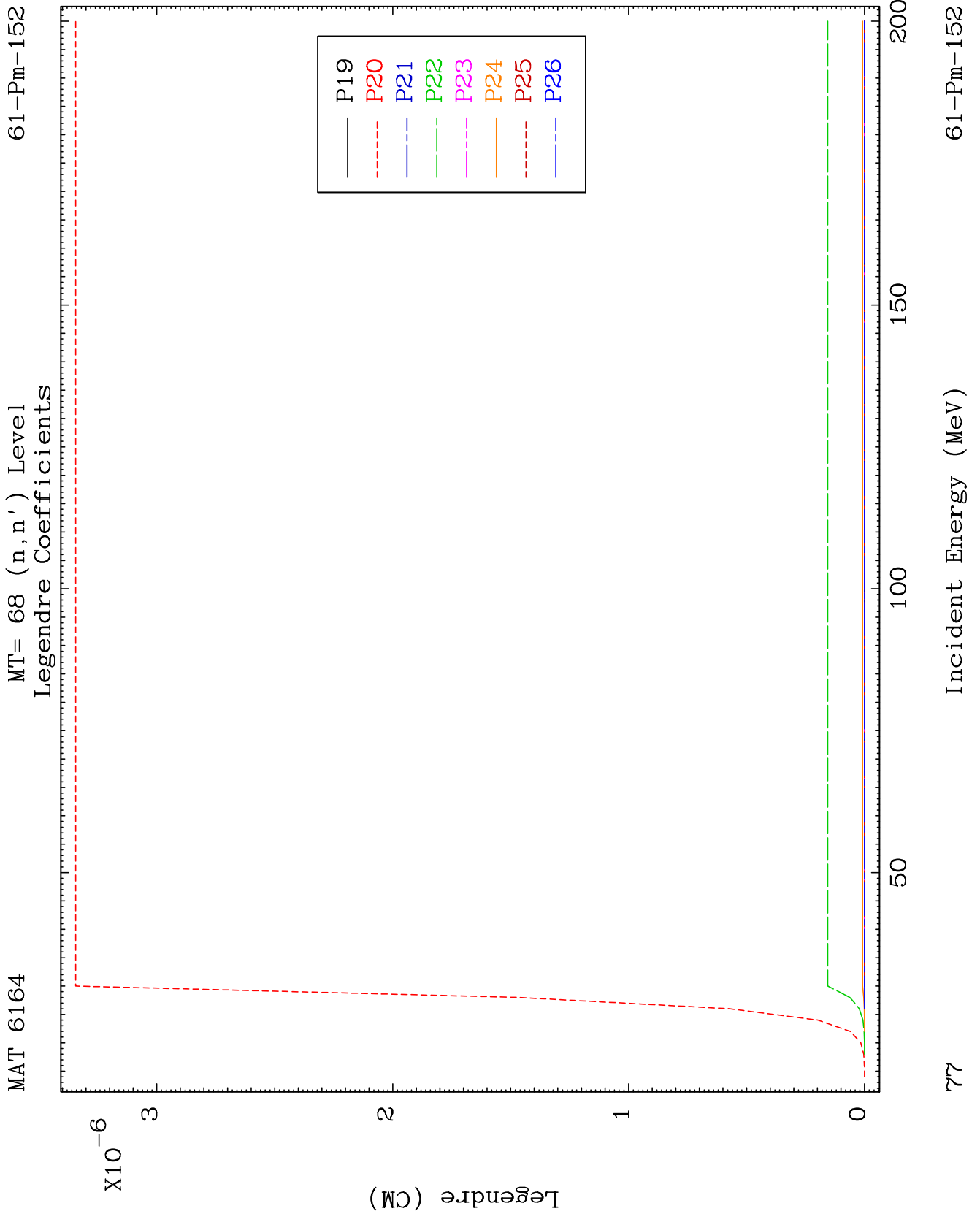
61-Pm-152



76

Incident Energy (MeV)

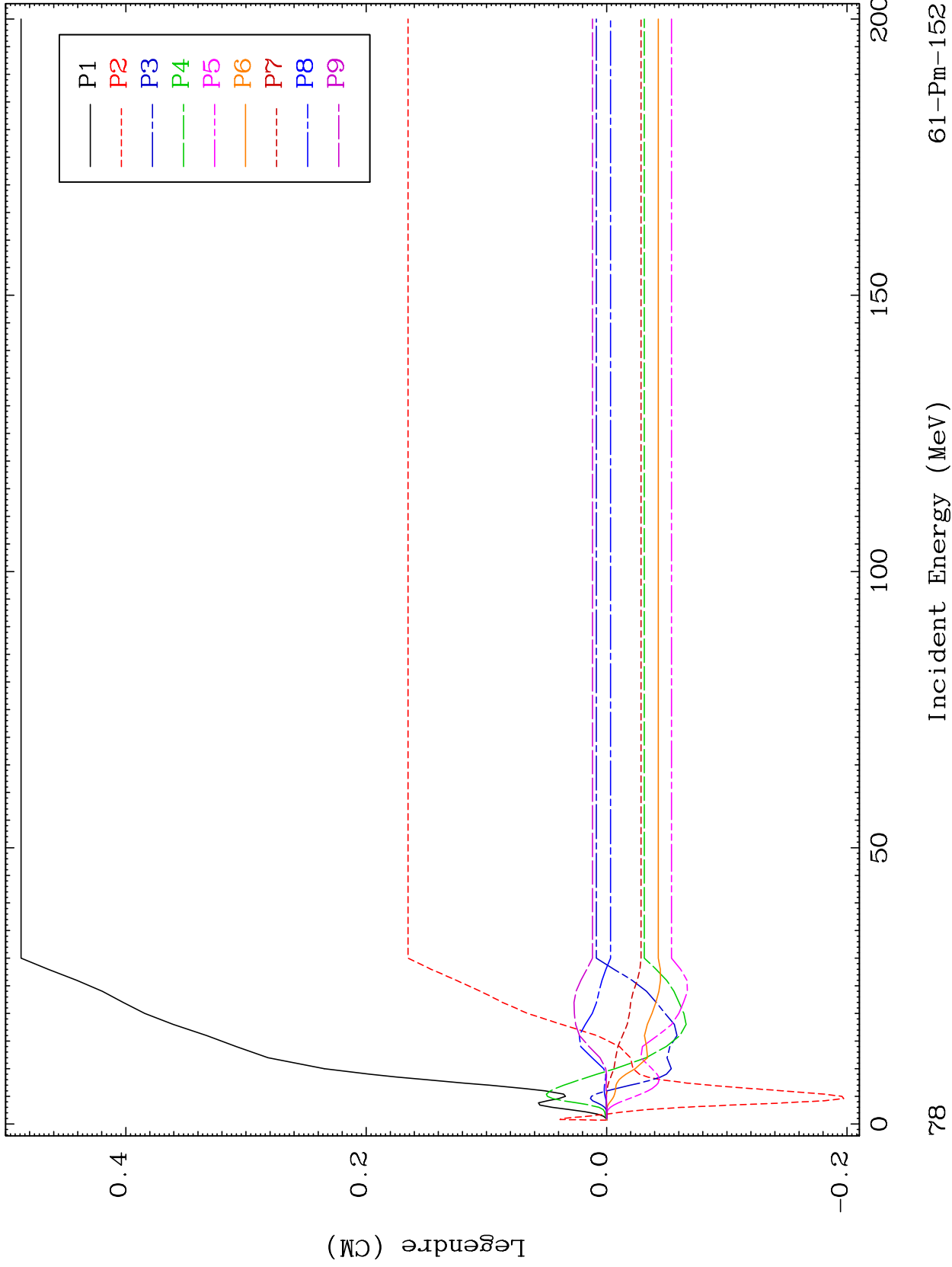
61-Pm-152



MAT 6164

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

61-Pm-152



61-Pm-152

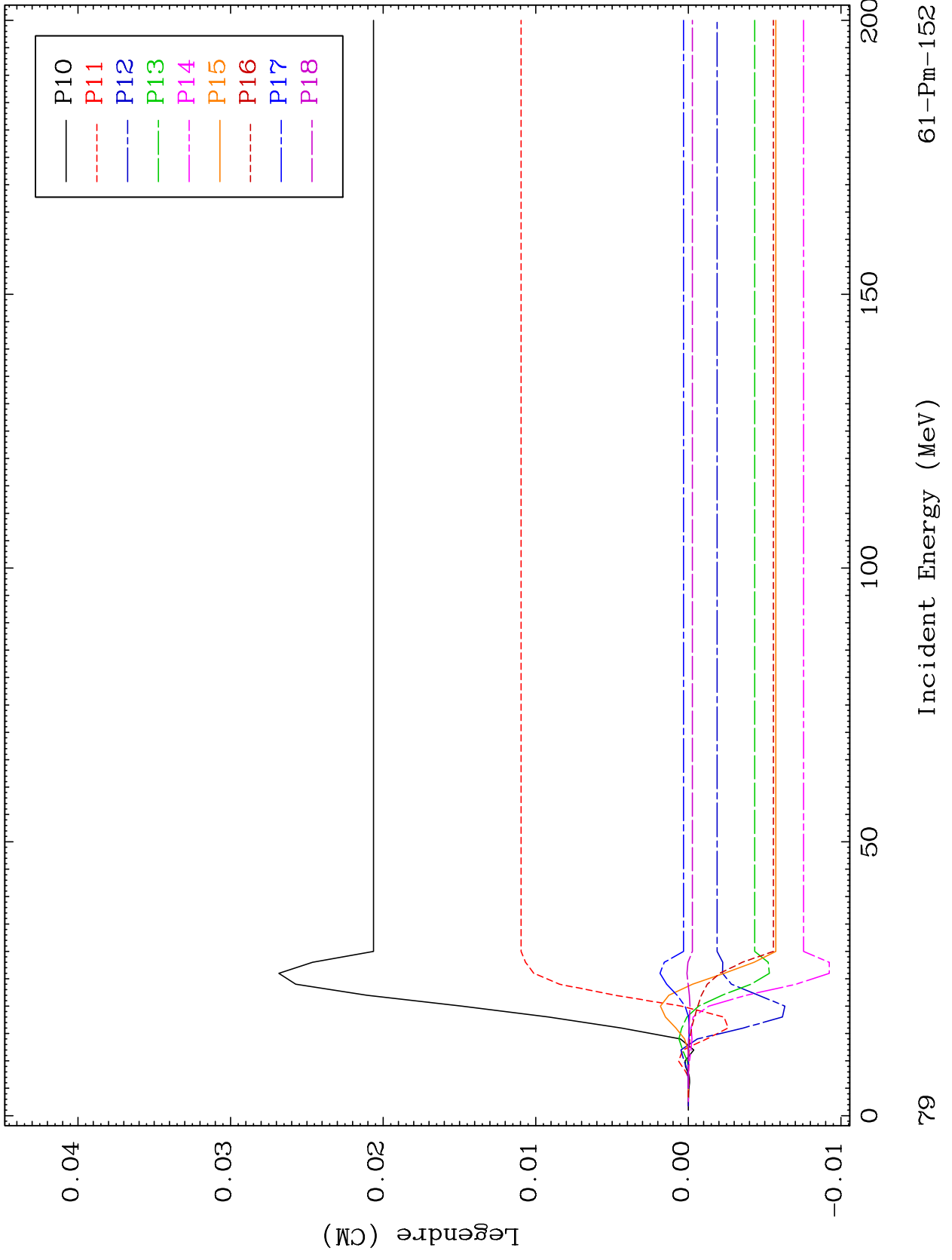
Incident Energy (MeV)

78

MAT 6164

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

61-Pm-152



79

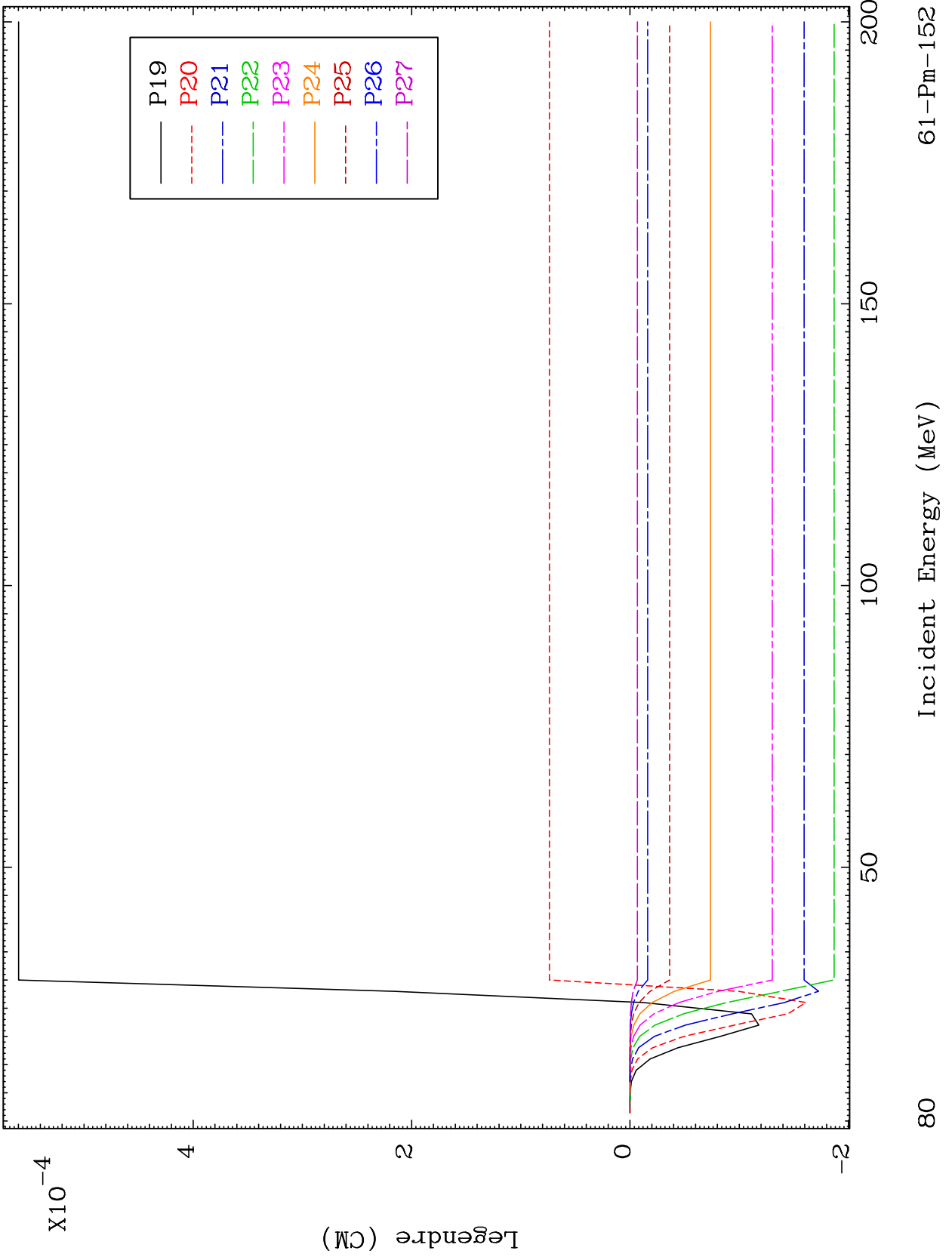
Incident Energy (MeV)

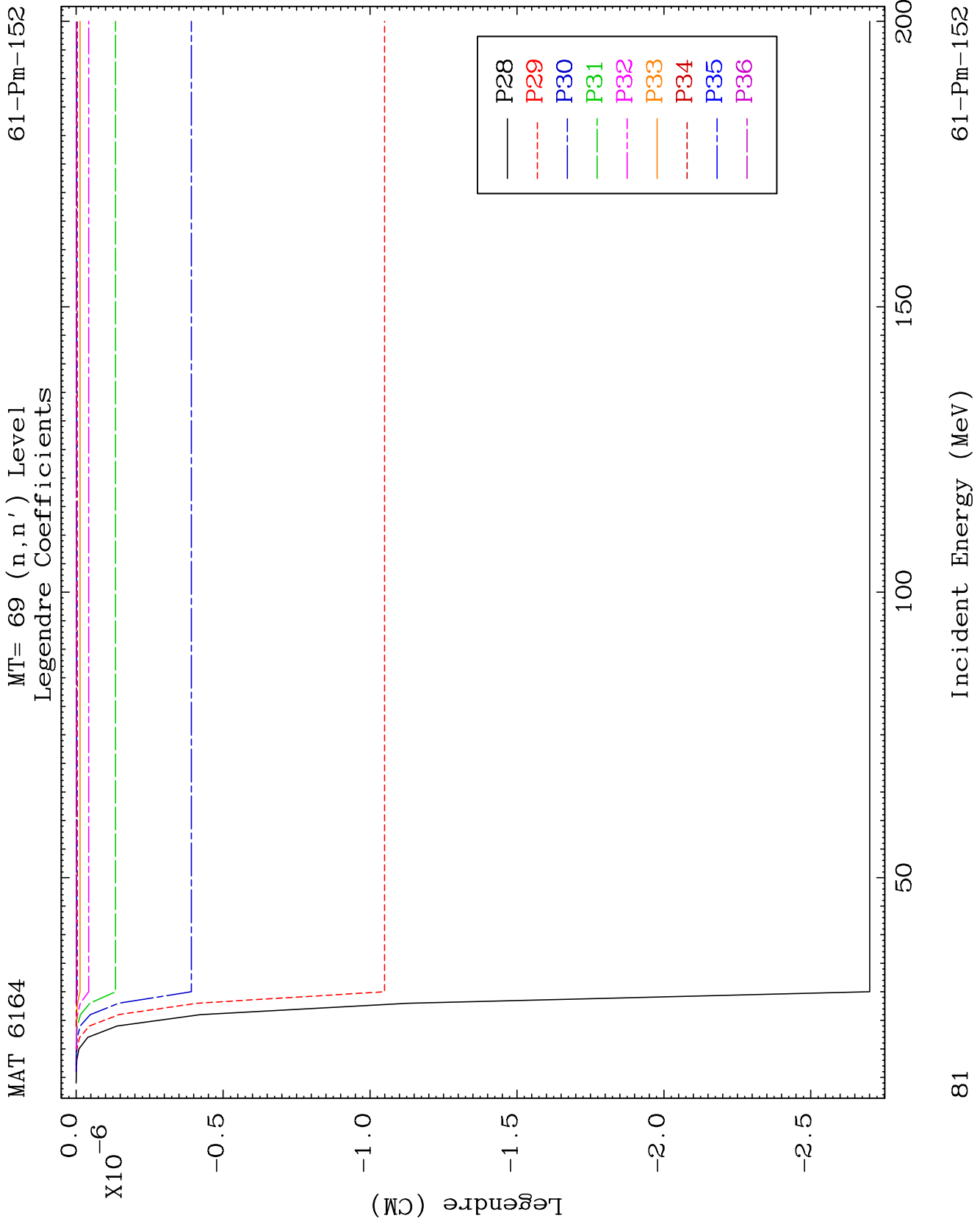
61-Pm-152

MAT 6164

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

61-Pm-152

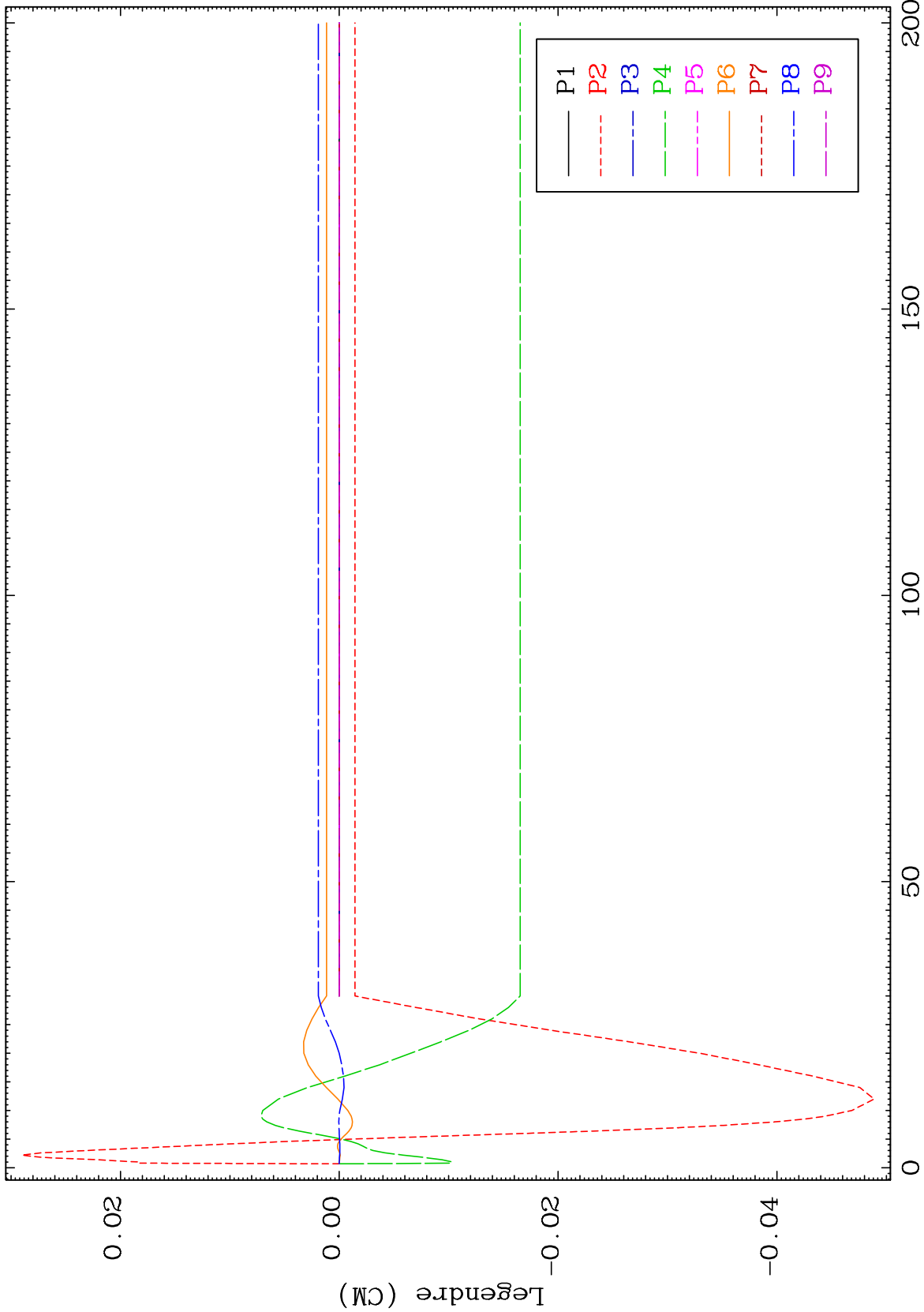




MAT 6164

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

61-Pm-152



82

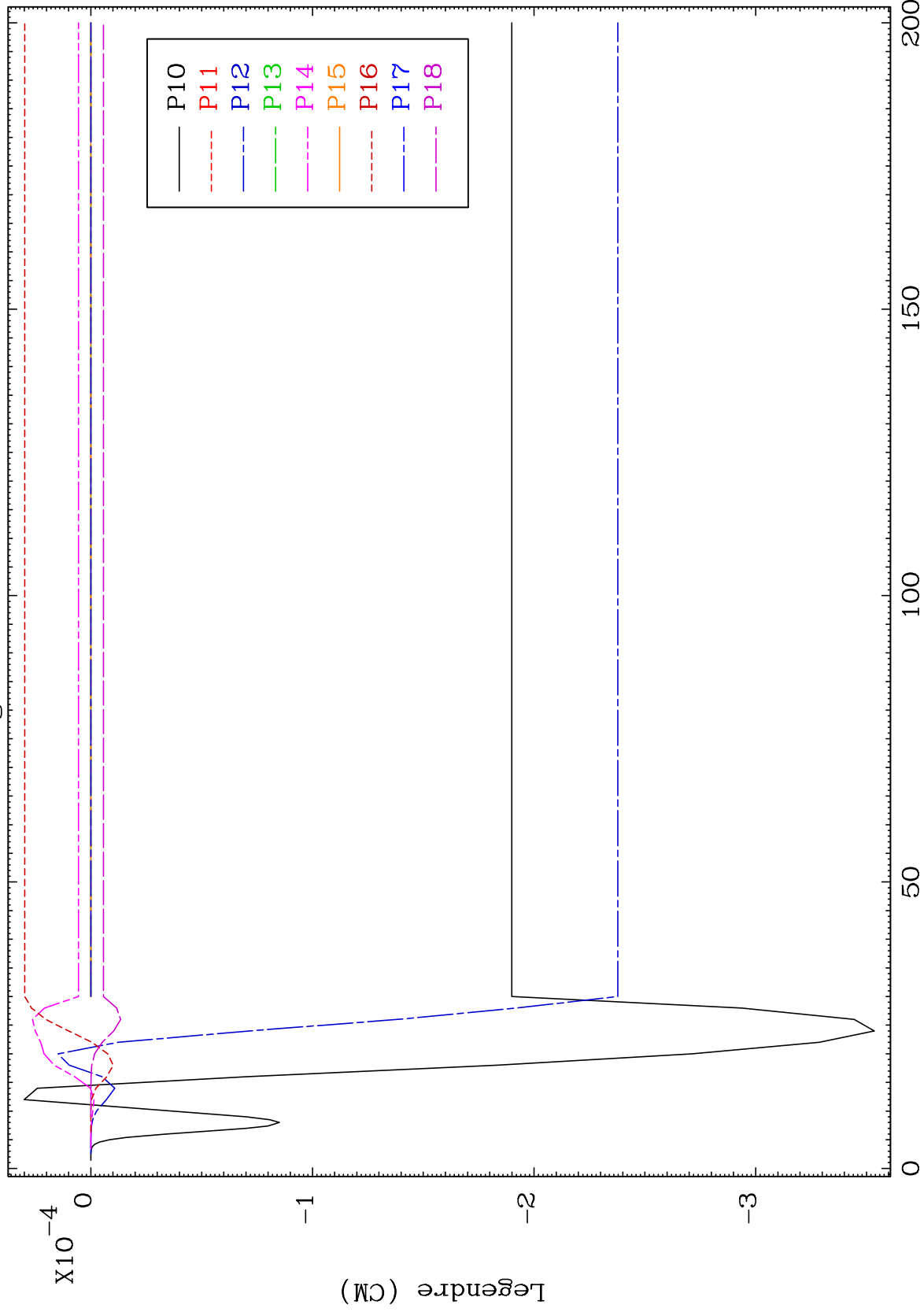
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

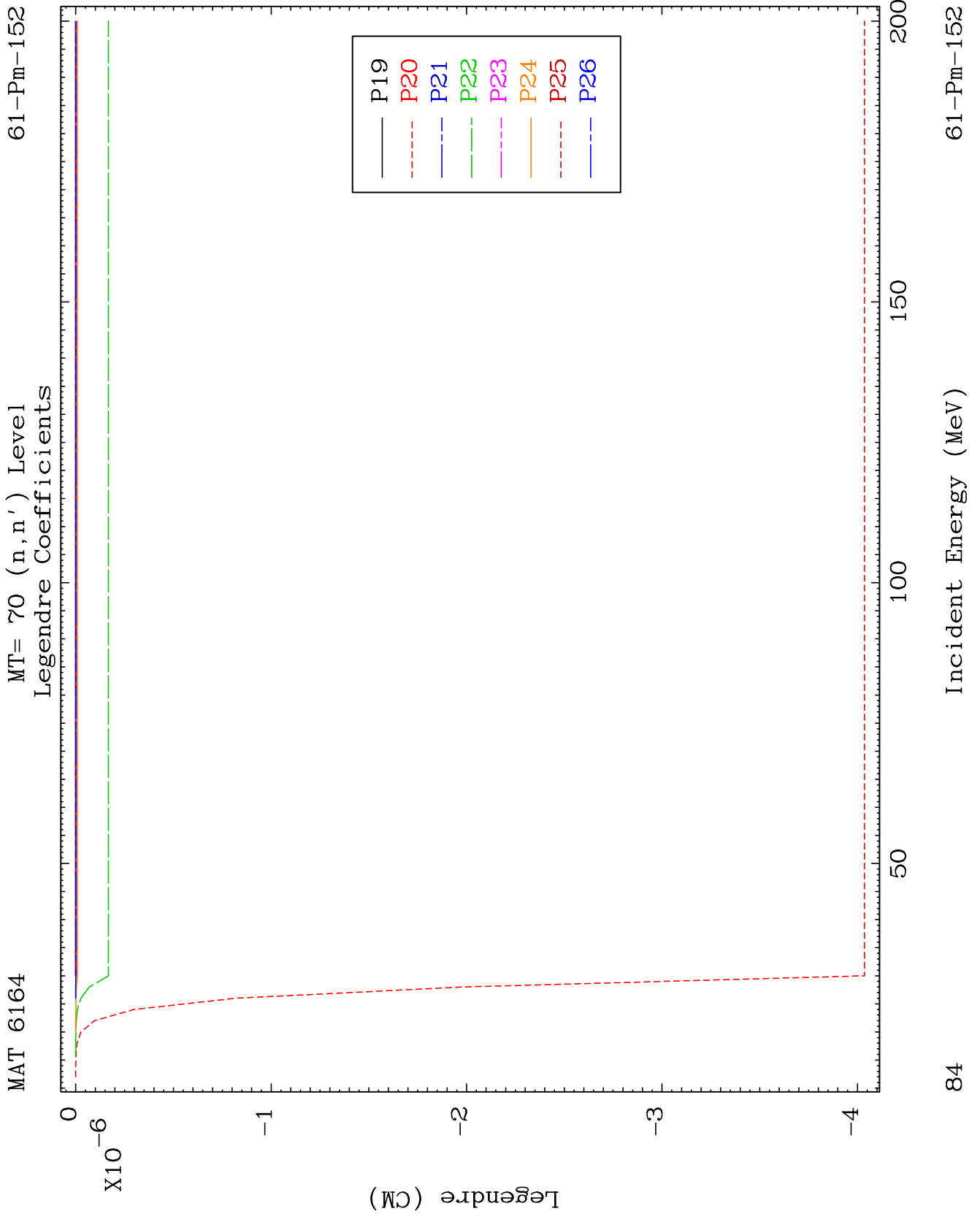
61-Pm-152



83

Incident Energy (MeV)

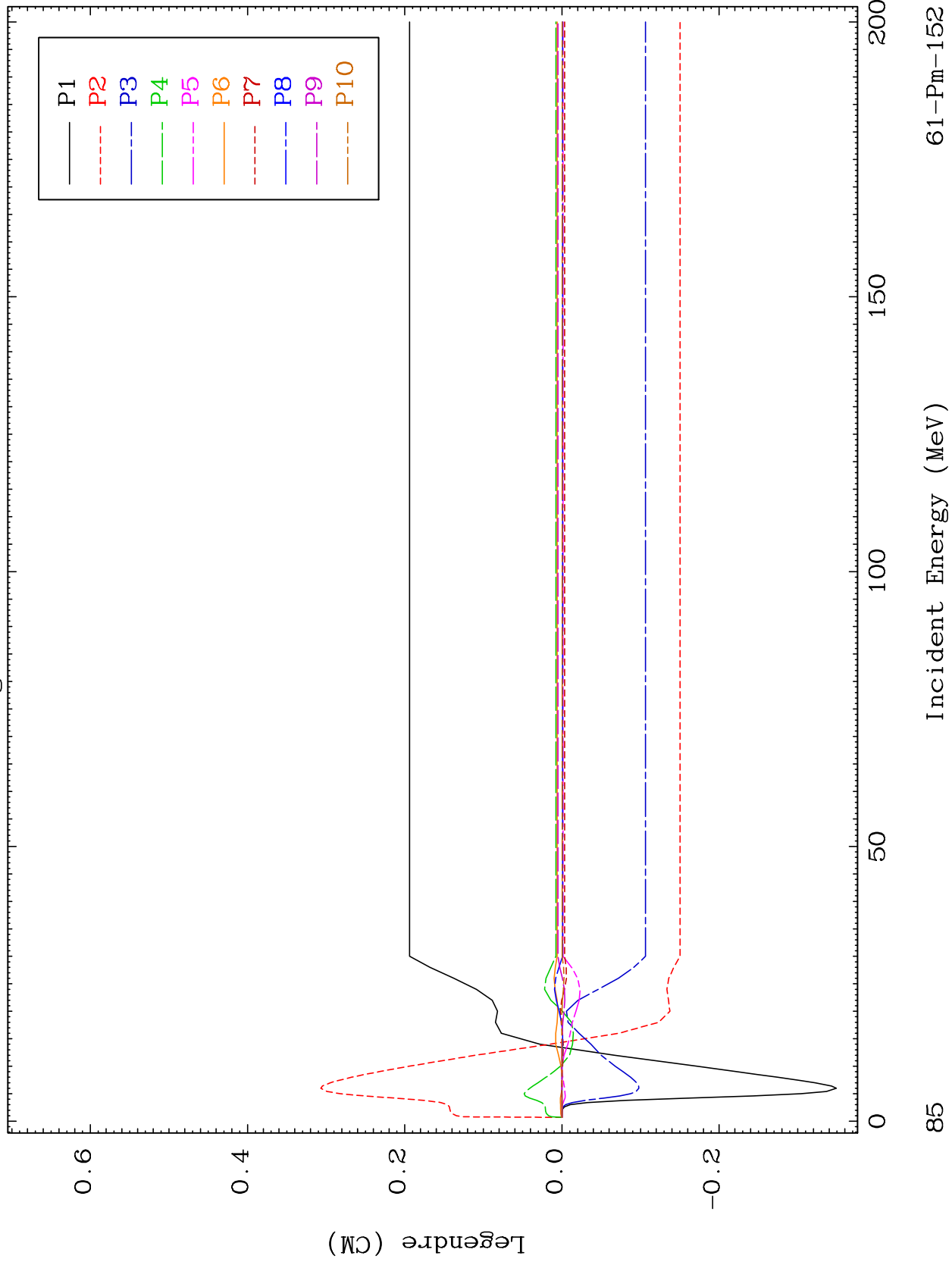
61-Pm-152



MAT 6164

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

61-Pm-152



61-Pm-152

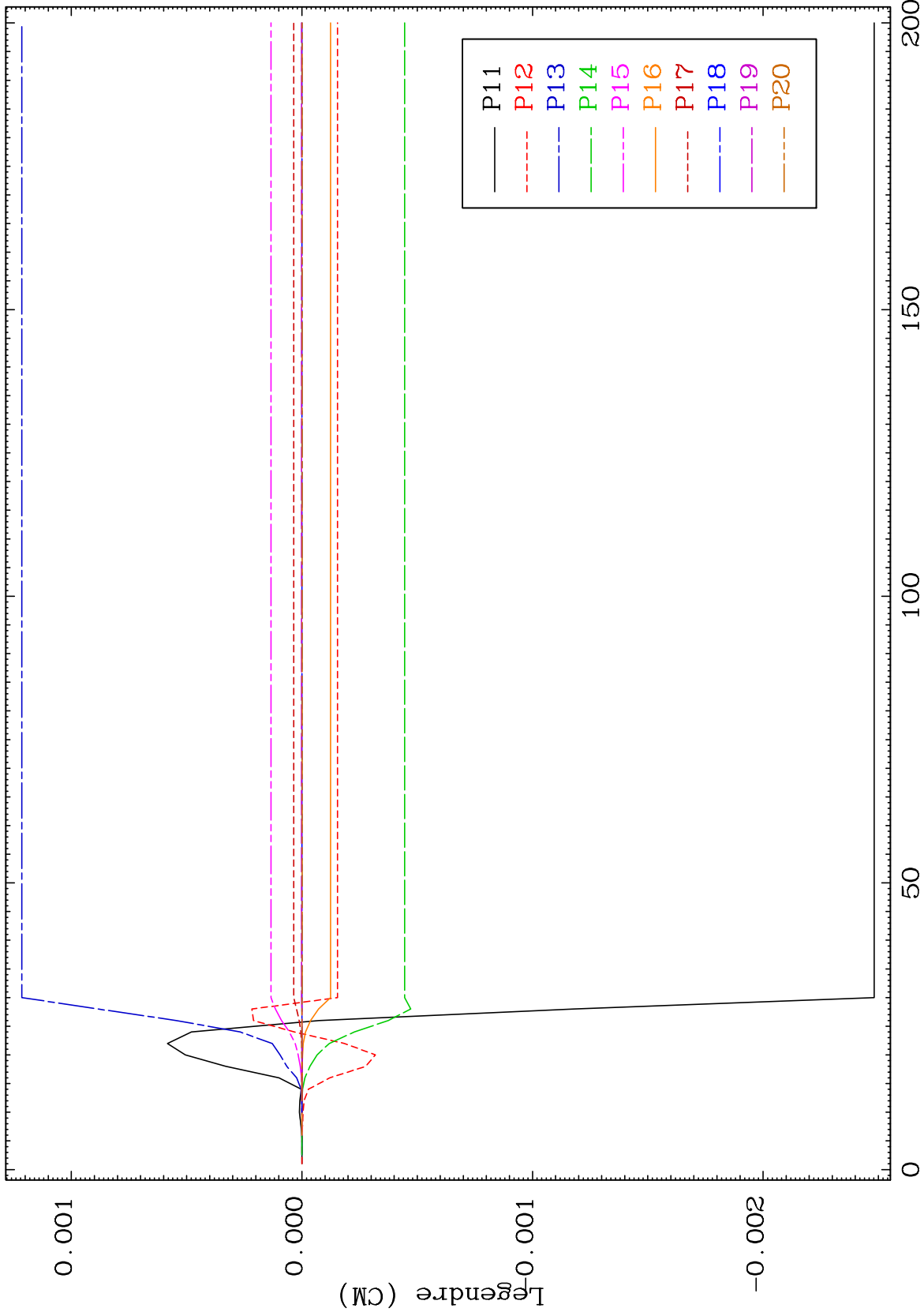
Incident Energy (MeV)

85

MAT 6164

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

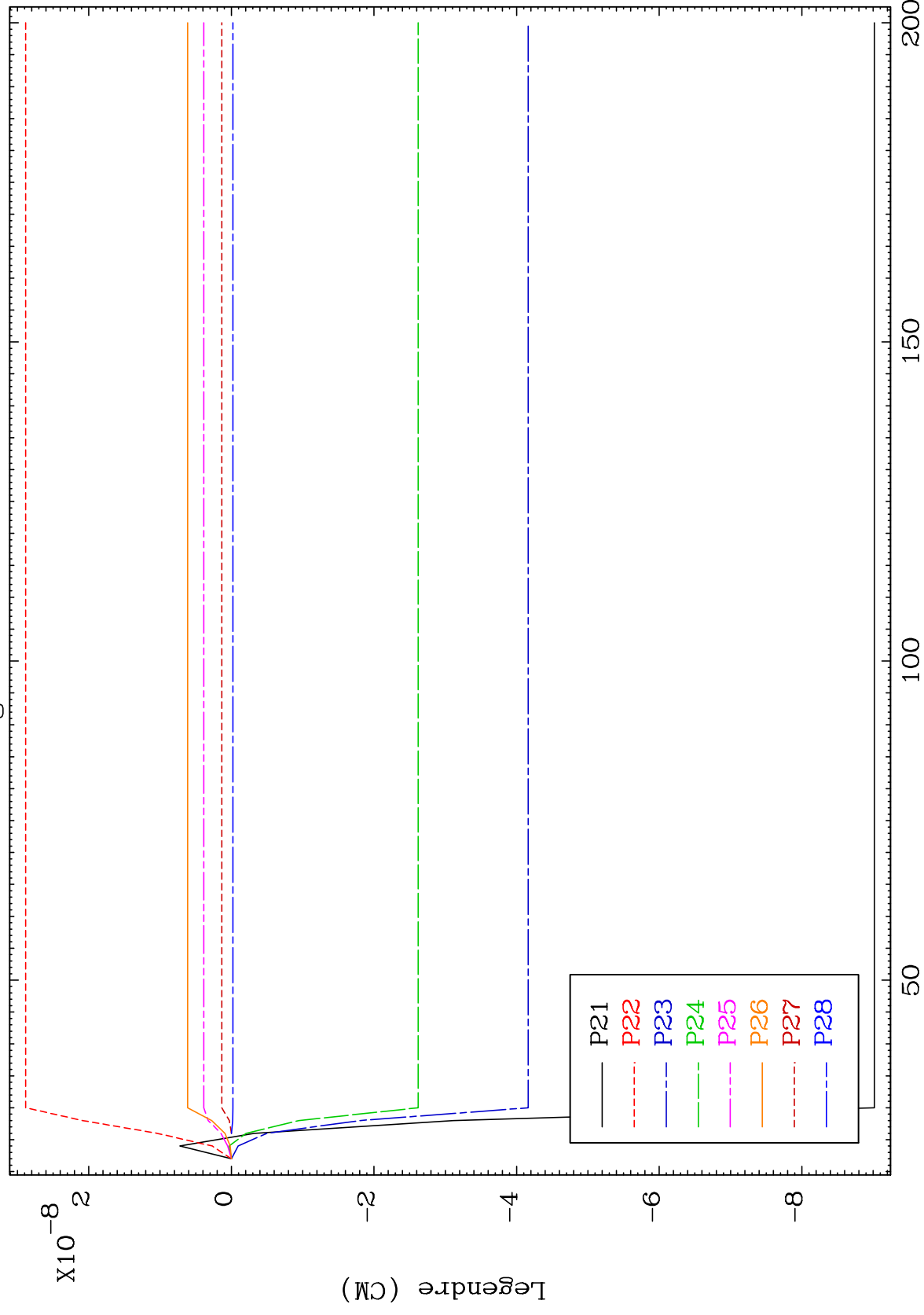
61-Pm-152



86

Incident Energy (MeV)

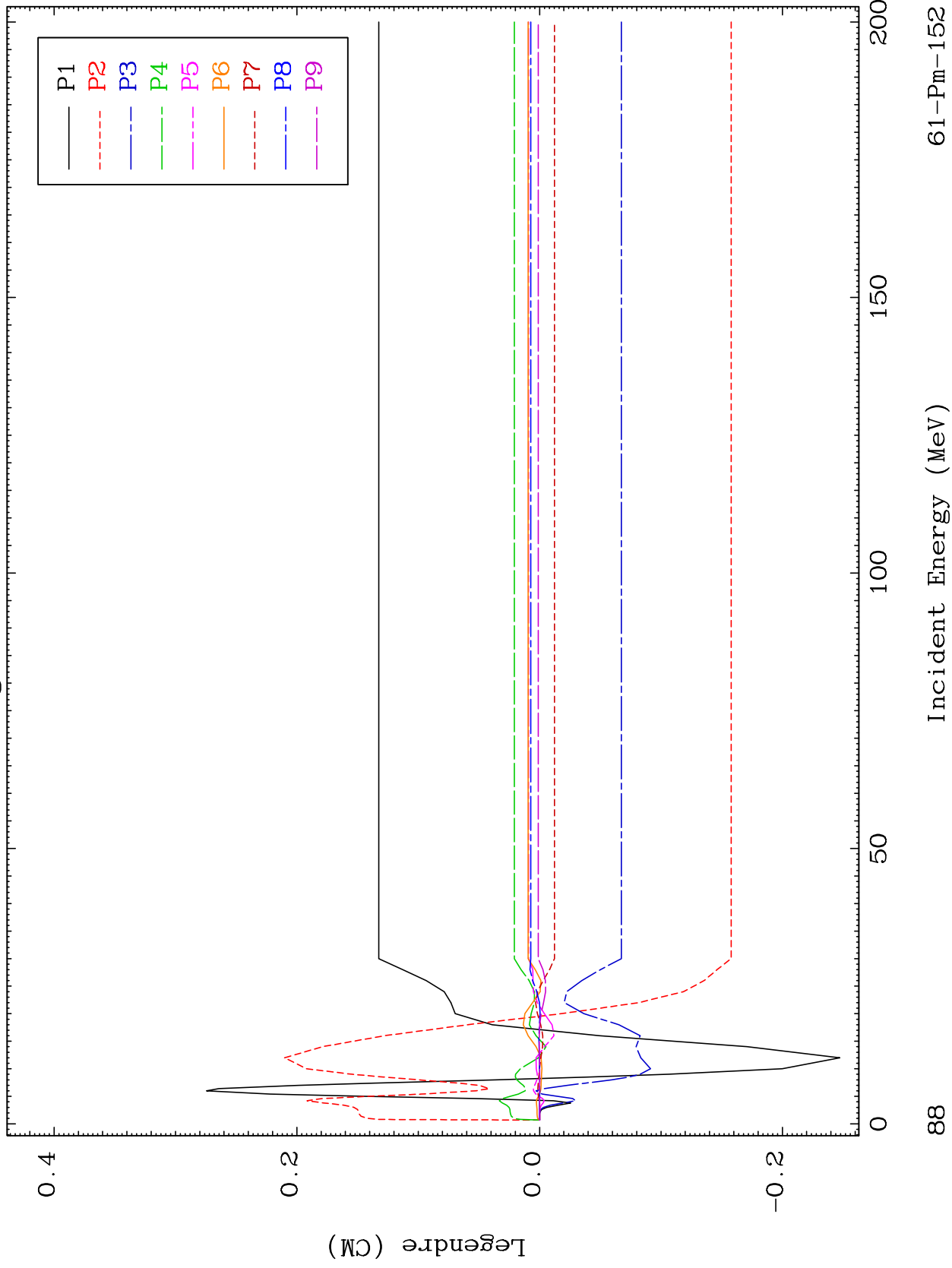
61-Pm-152



MAT 6164

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

61-Pm-152



61-Pm-152

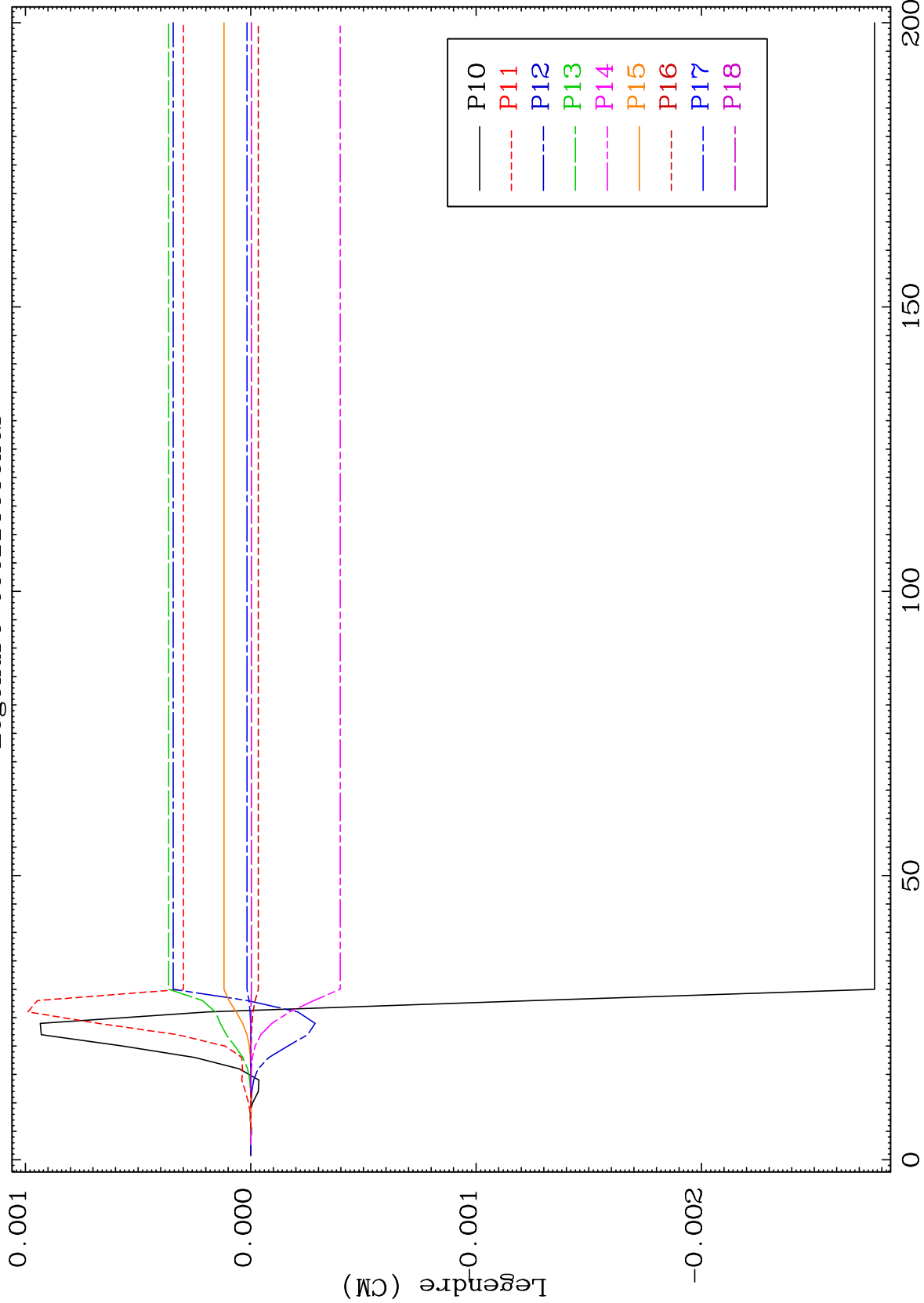
Incident Energy (MeV)

88

MAT 6164

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

61-Pm-152



89

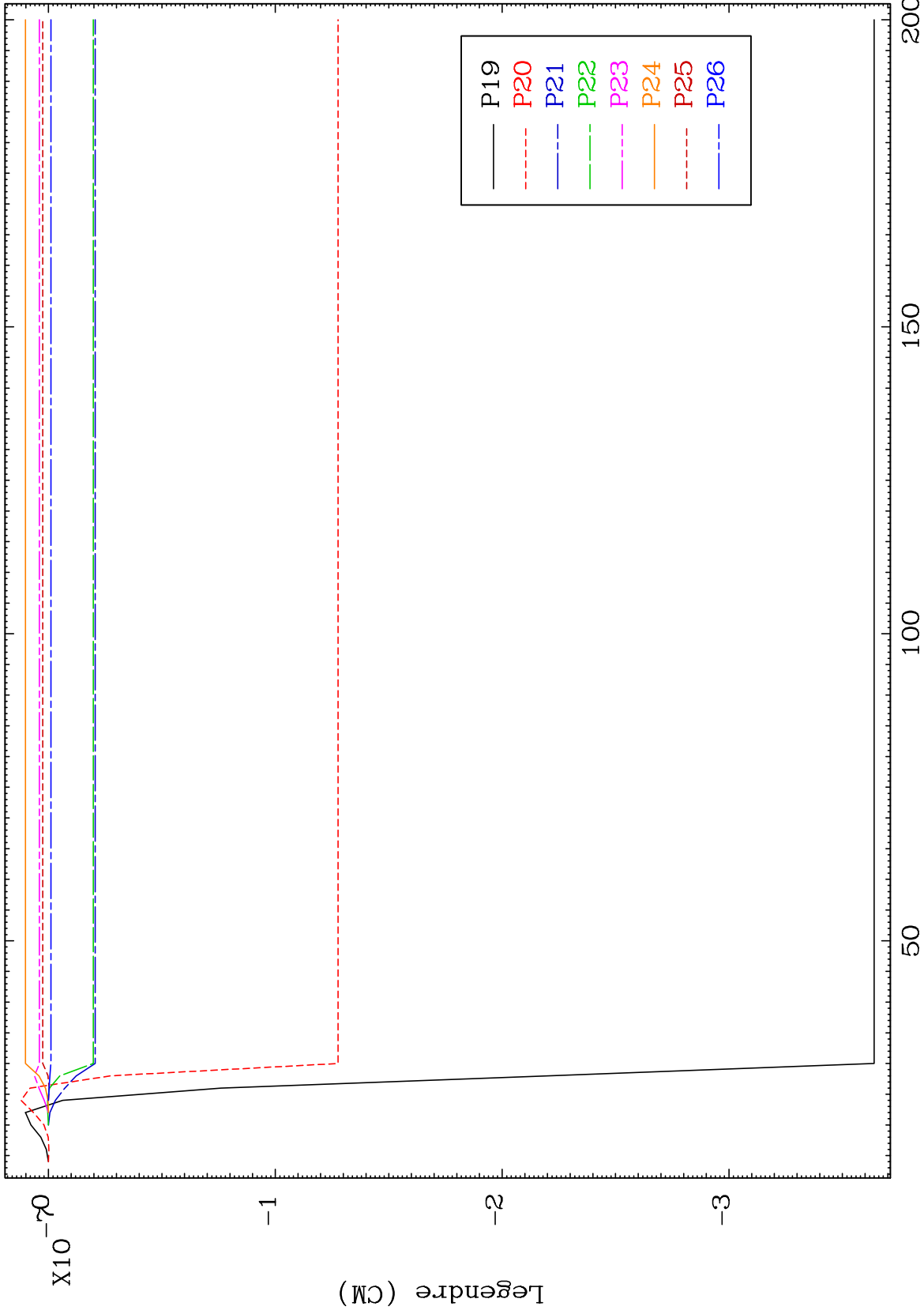
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



90

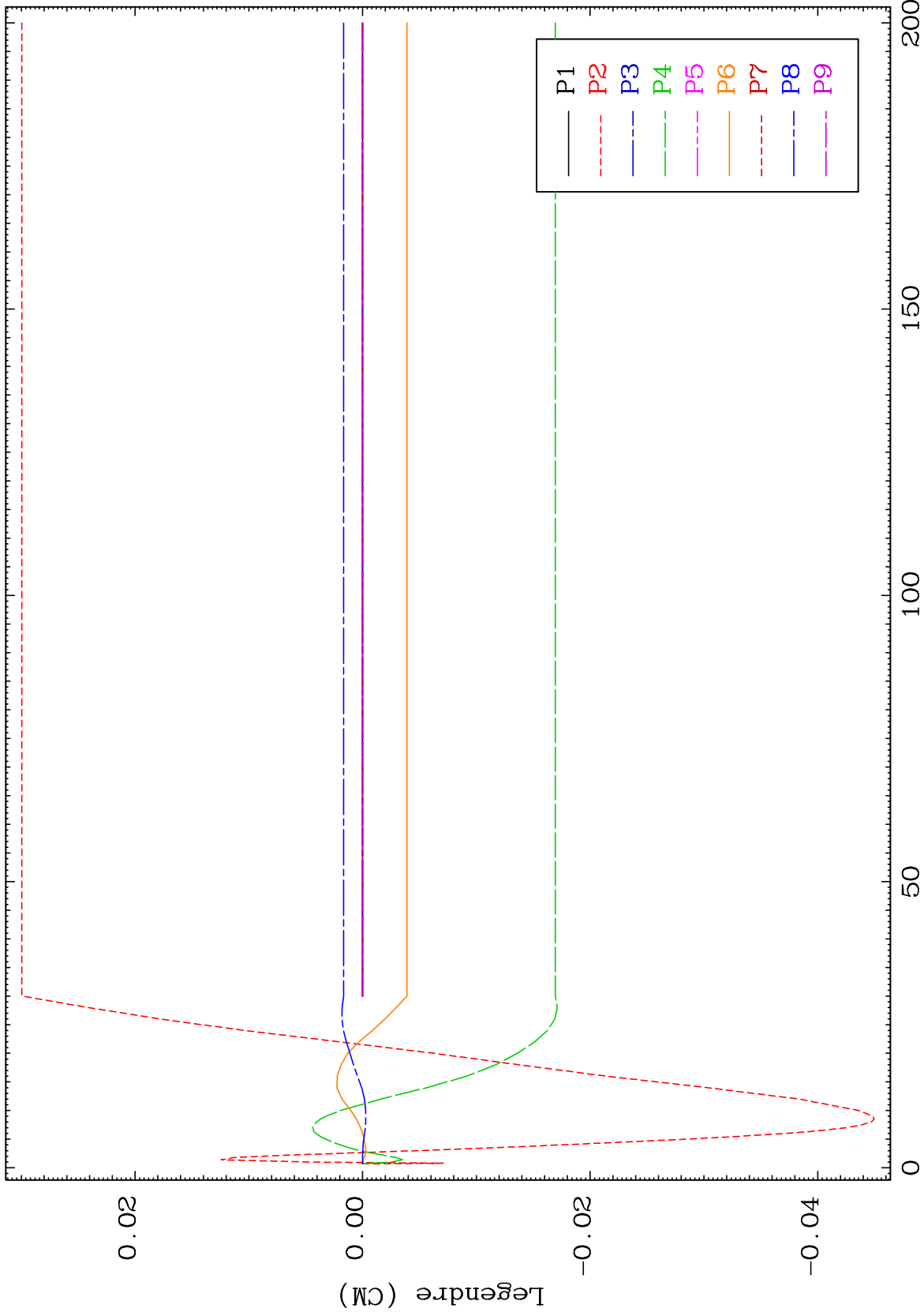
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



91

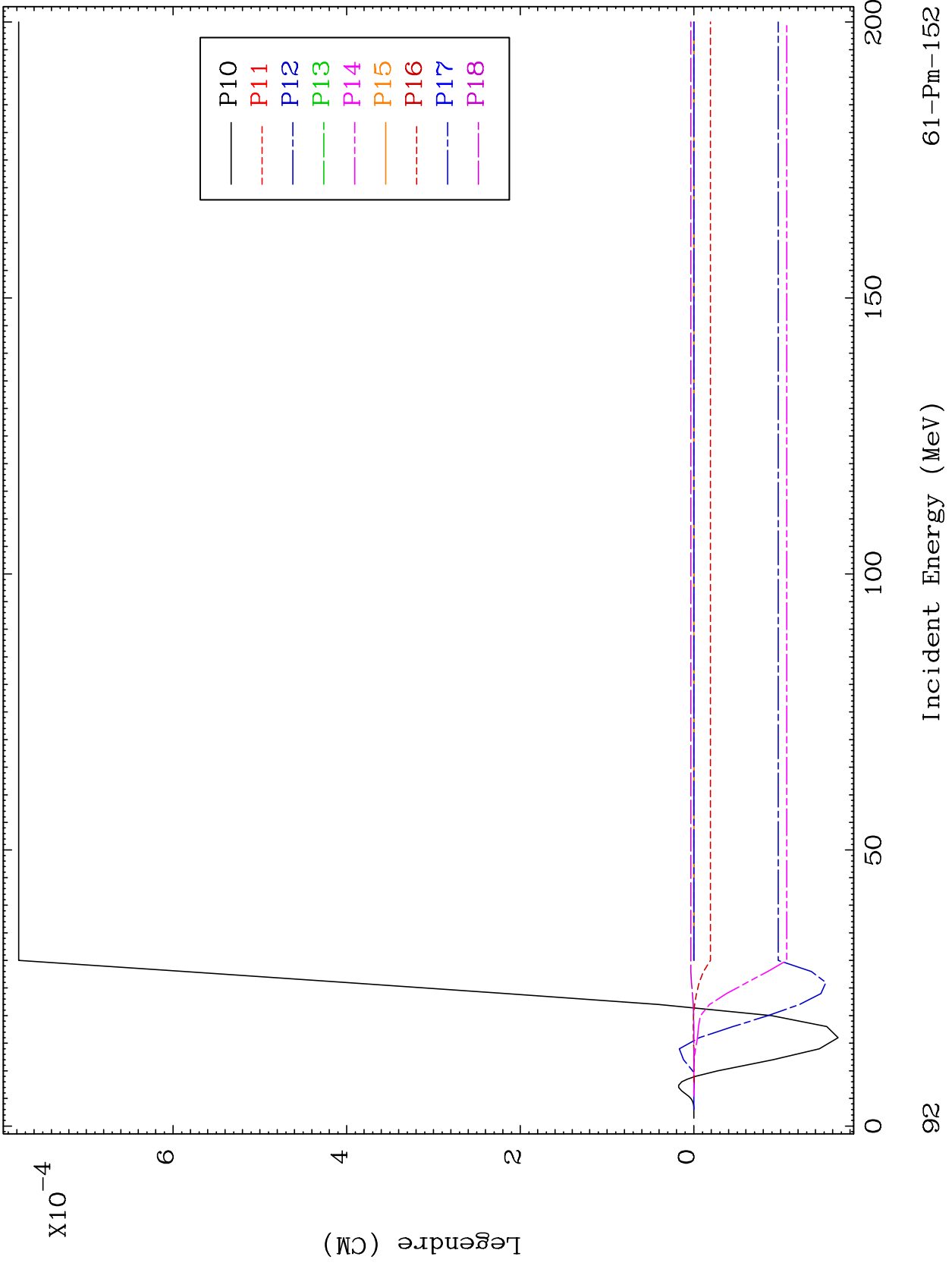
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



61-Pm-152

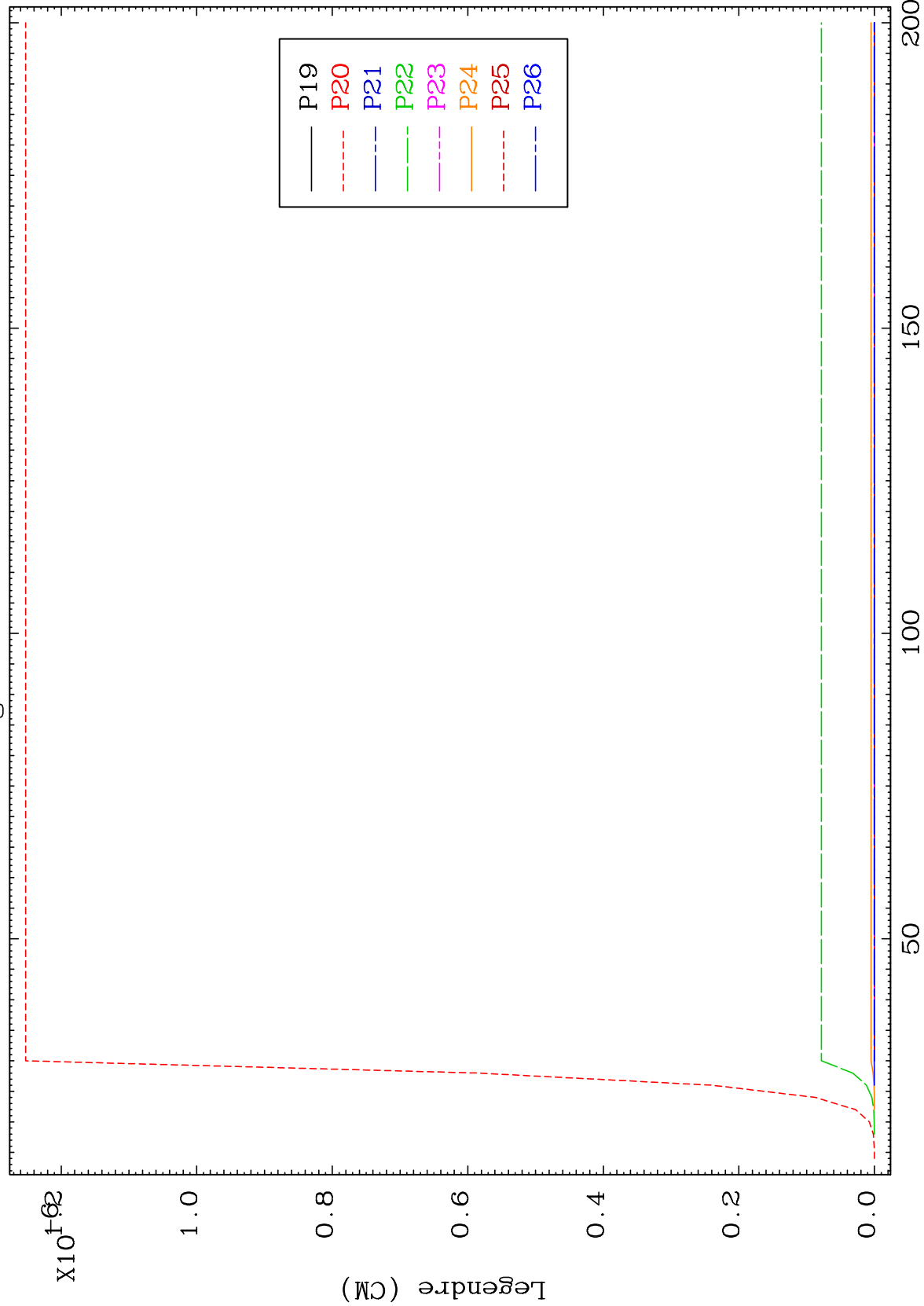
Incident Energy (MeV)

92

MAT 6164

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

61-Pm-152



93

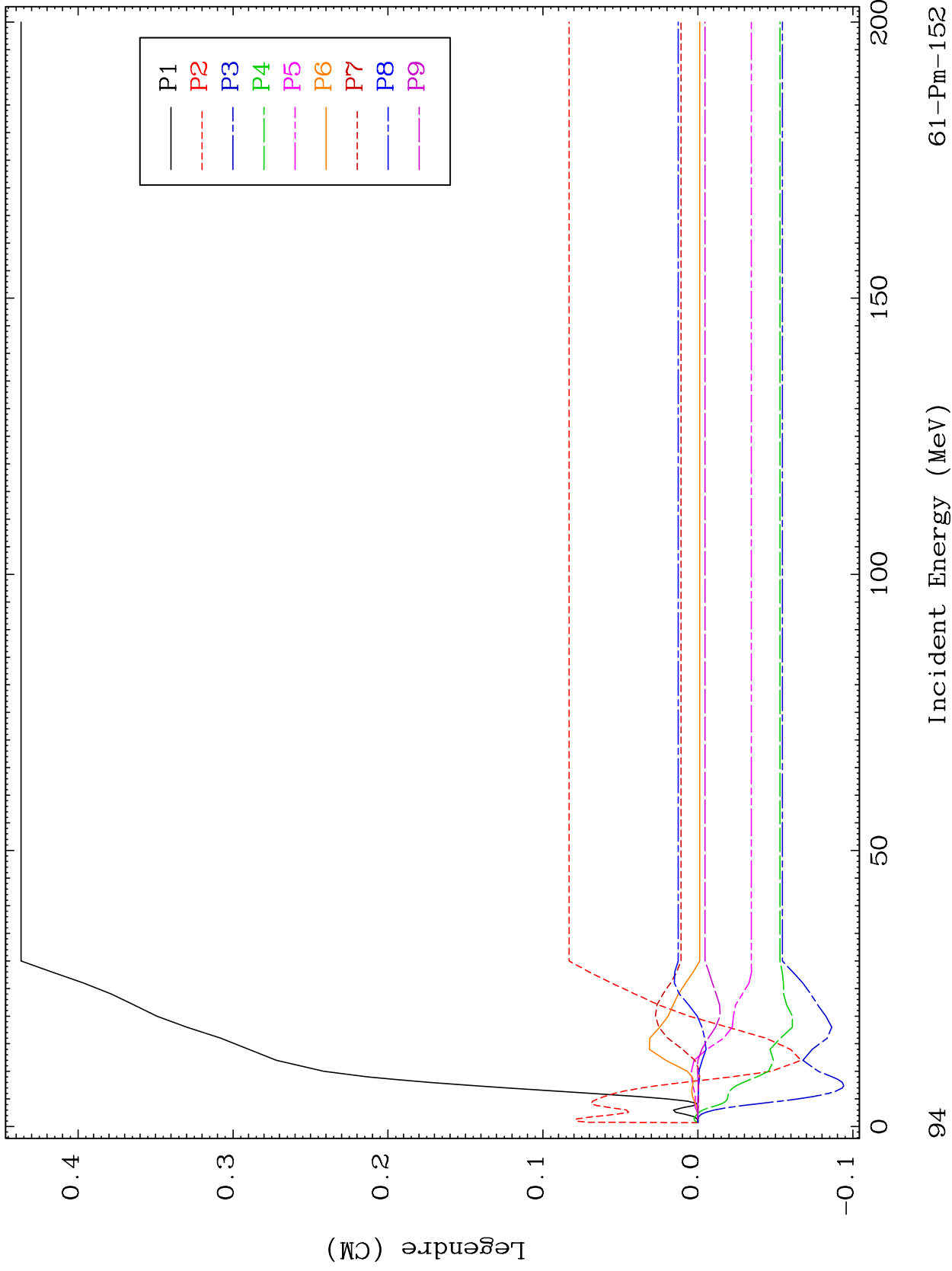
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



61-Pm-152

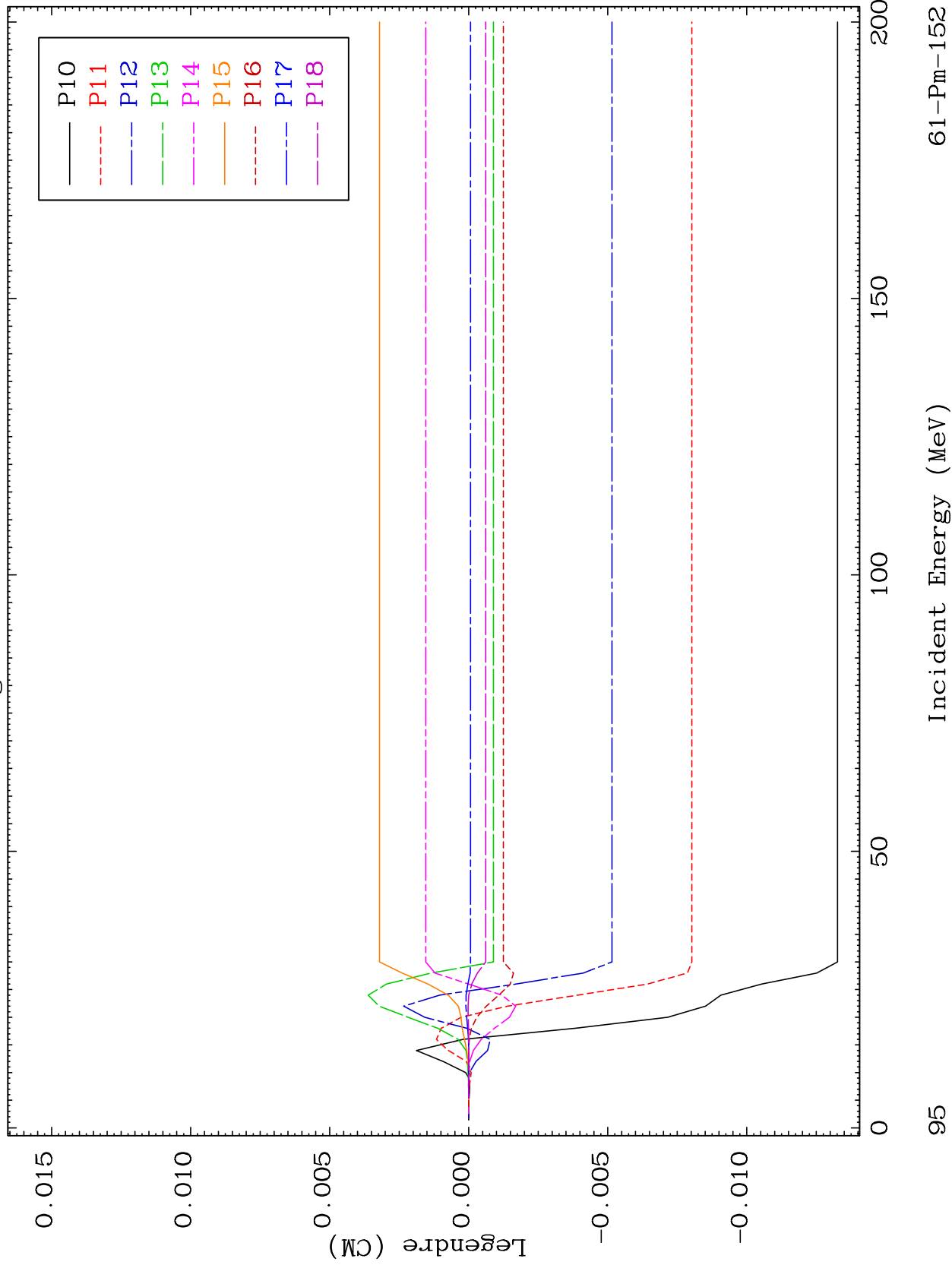
Incident Energy (MeV)

94

MAT 6164

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

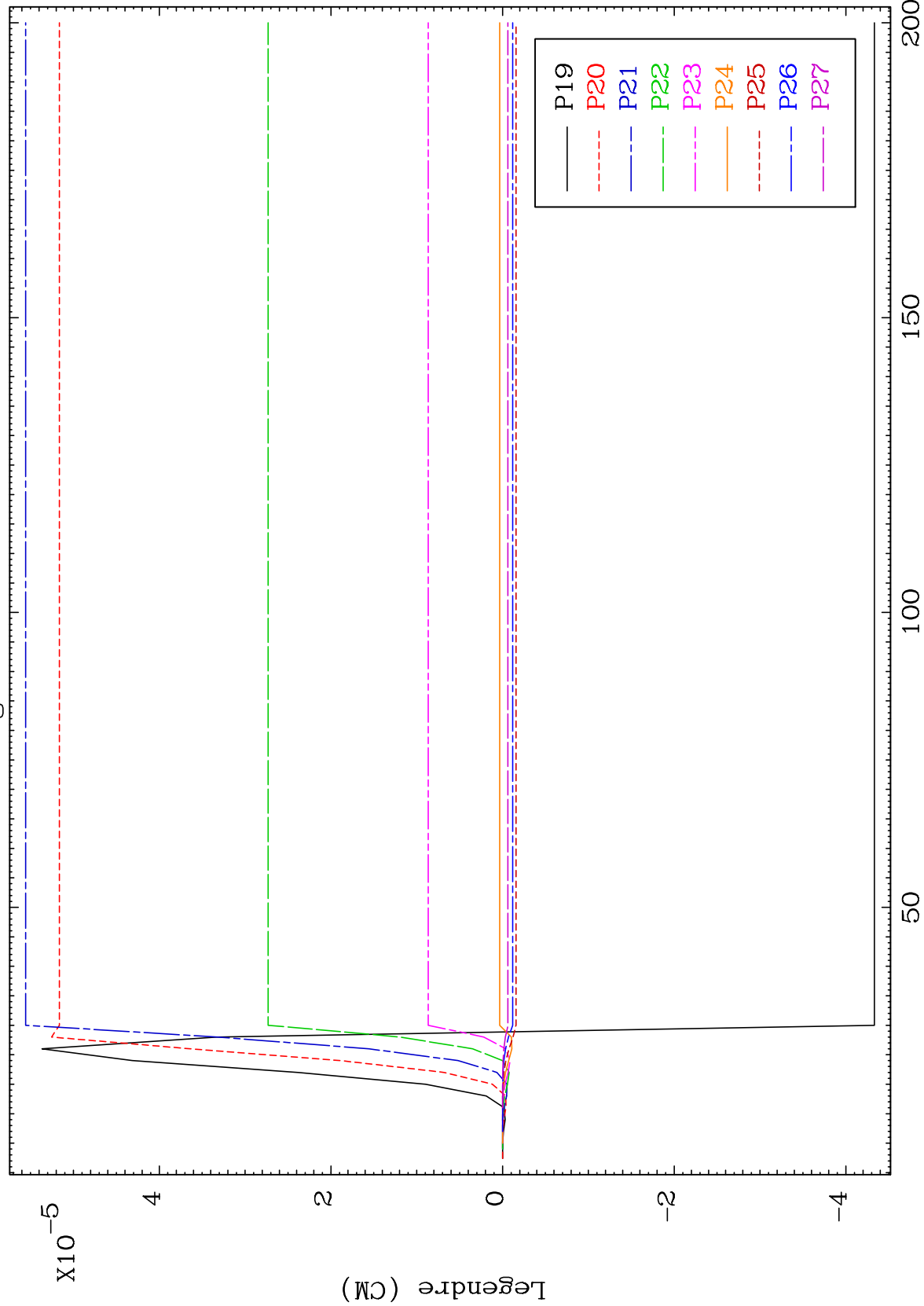
61-Pm-152



61-Pm-152

Incident Energy (MeV)

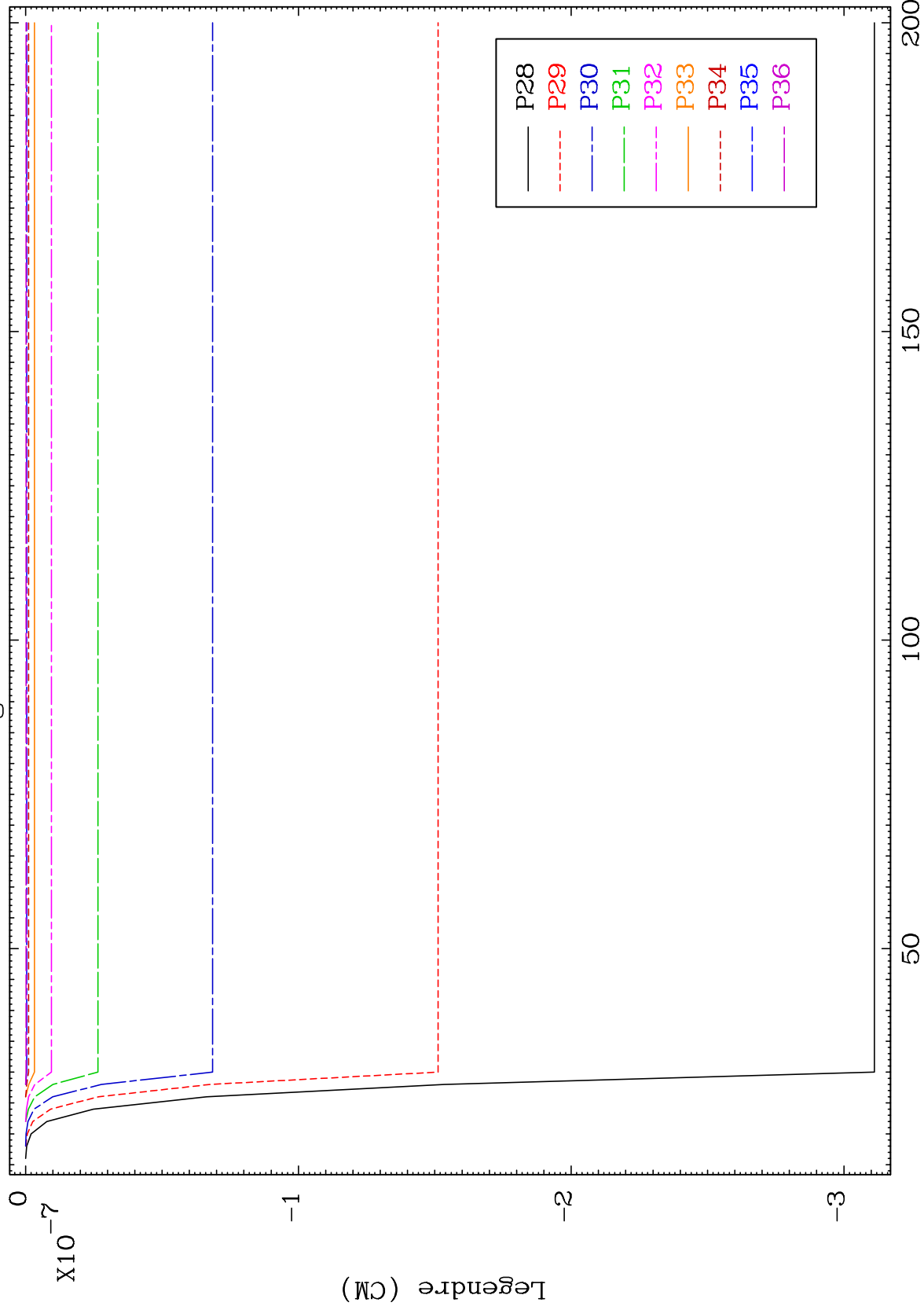
95



MAT 6164

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

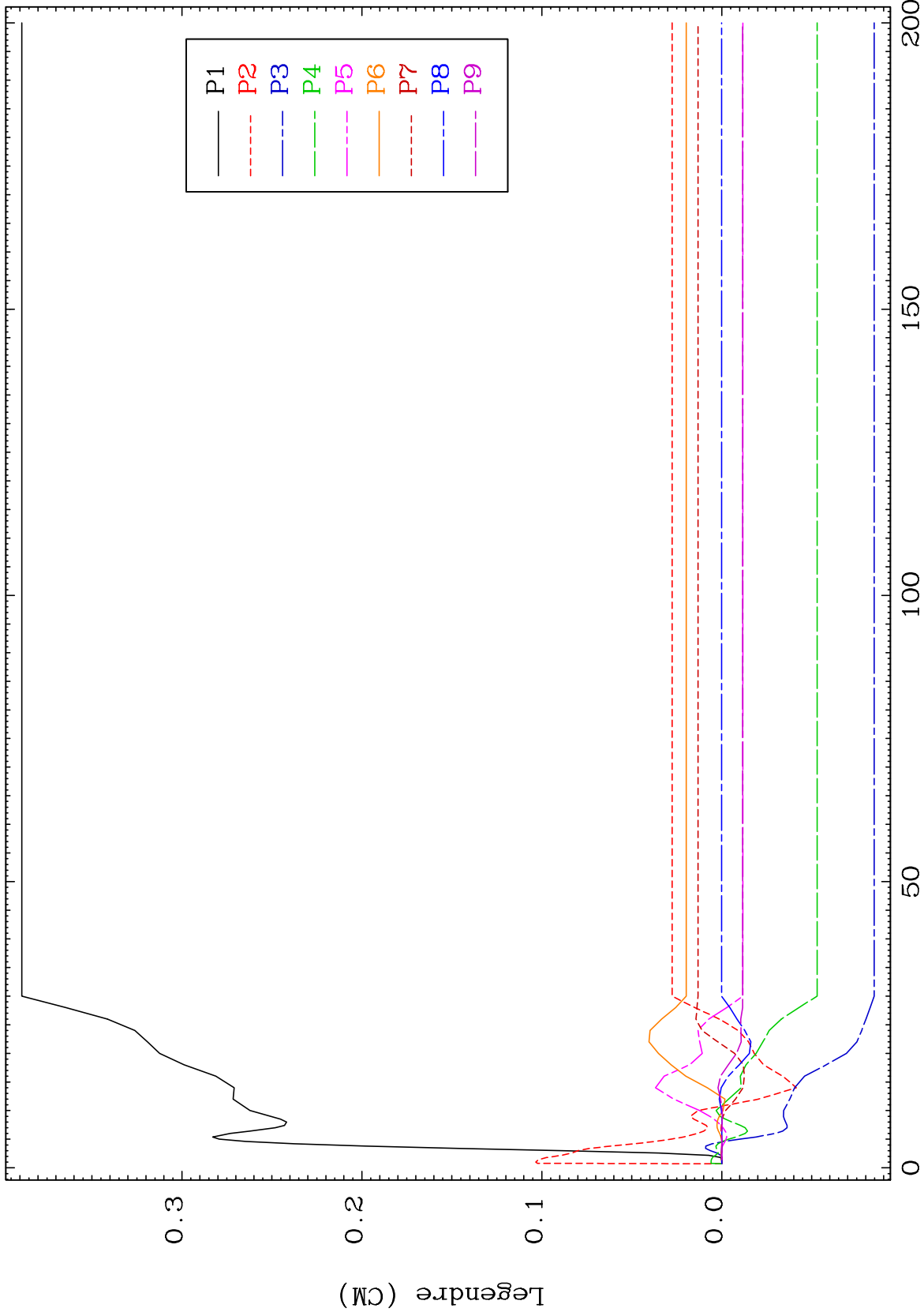
61-Pm-152



MAT 6164

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

61-Pm-152



98

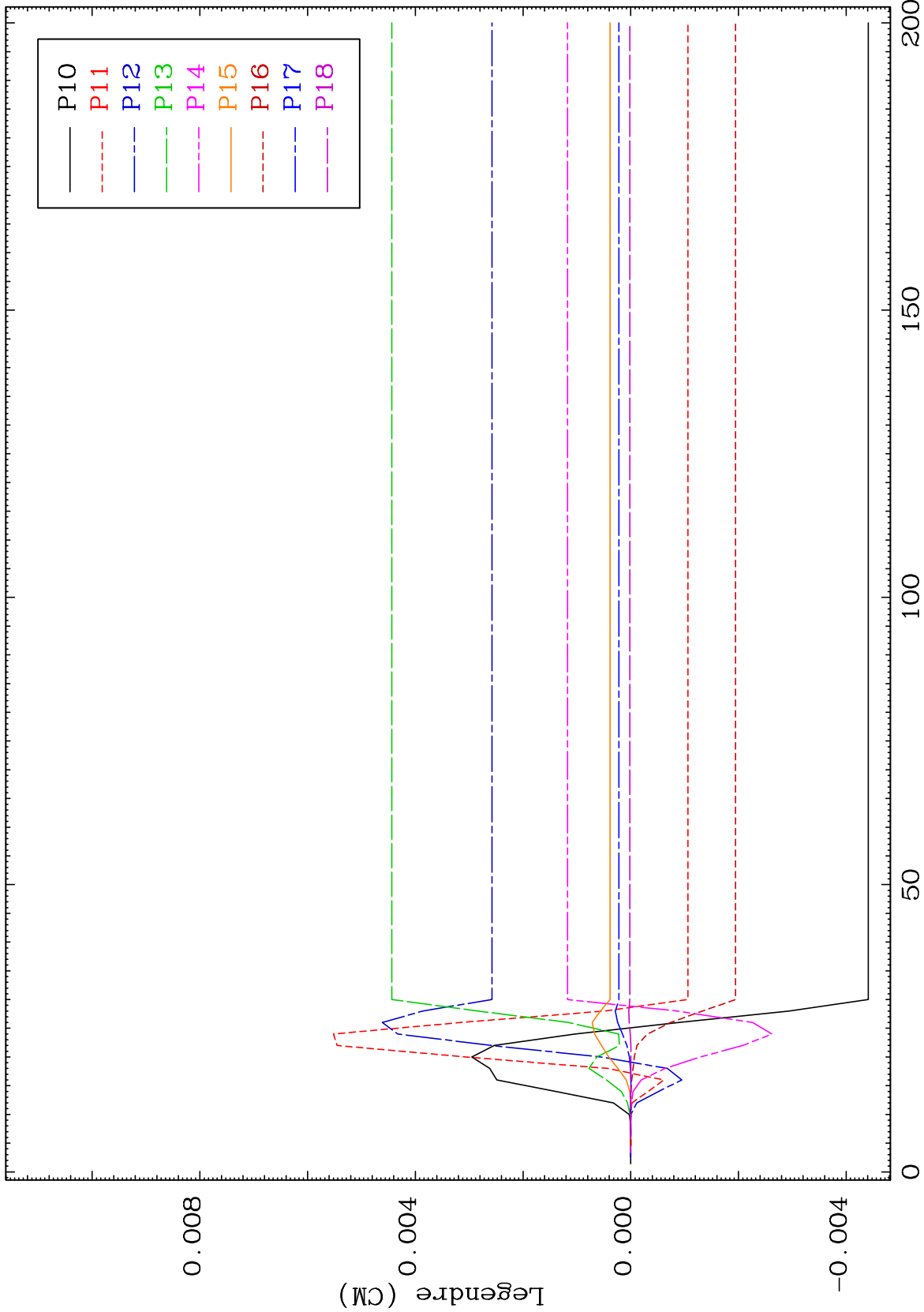
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



99

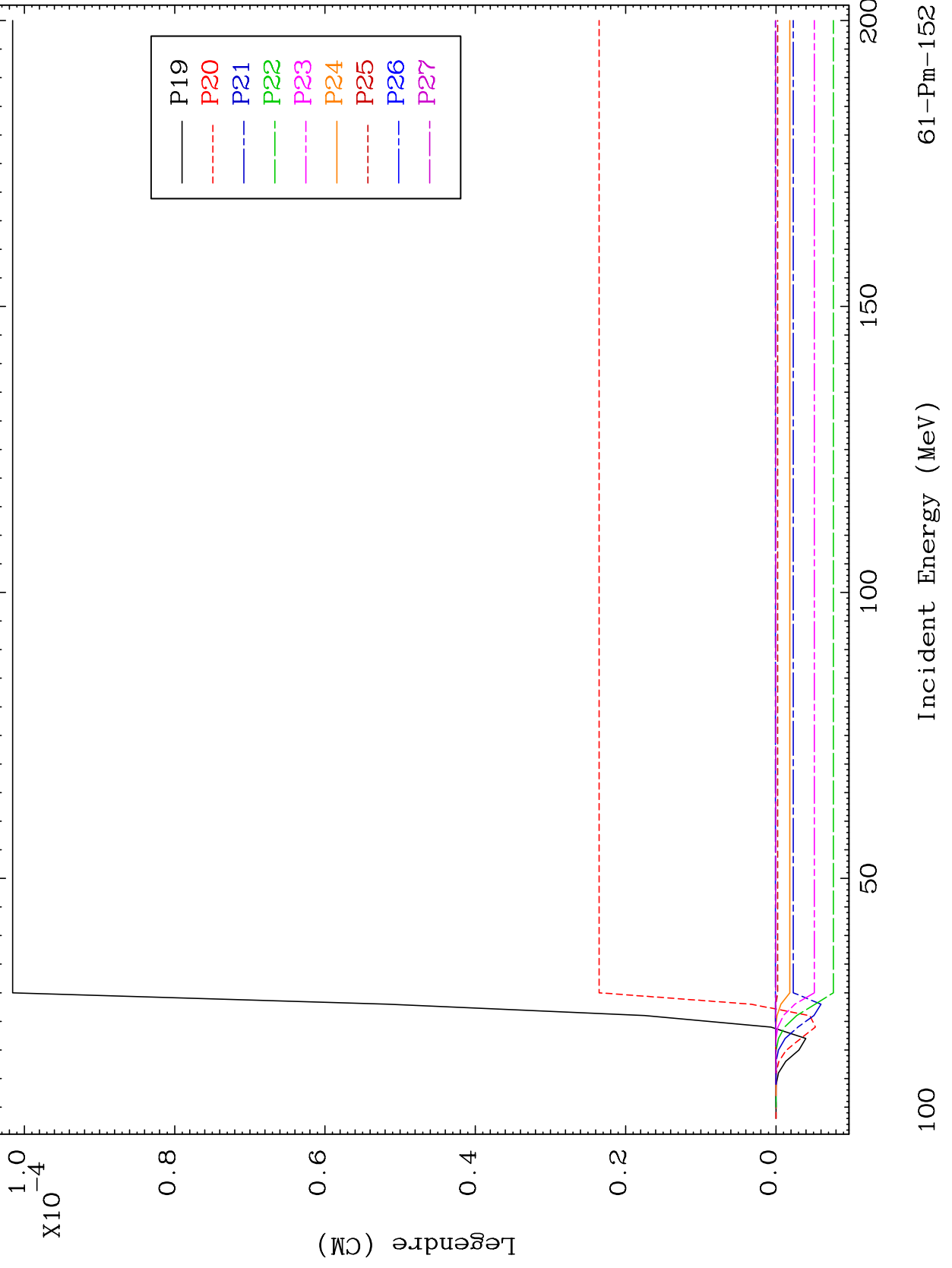
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

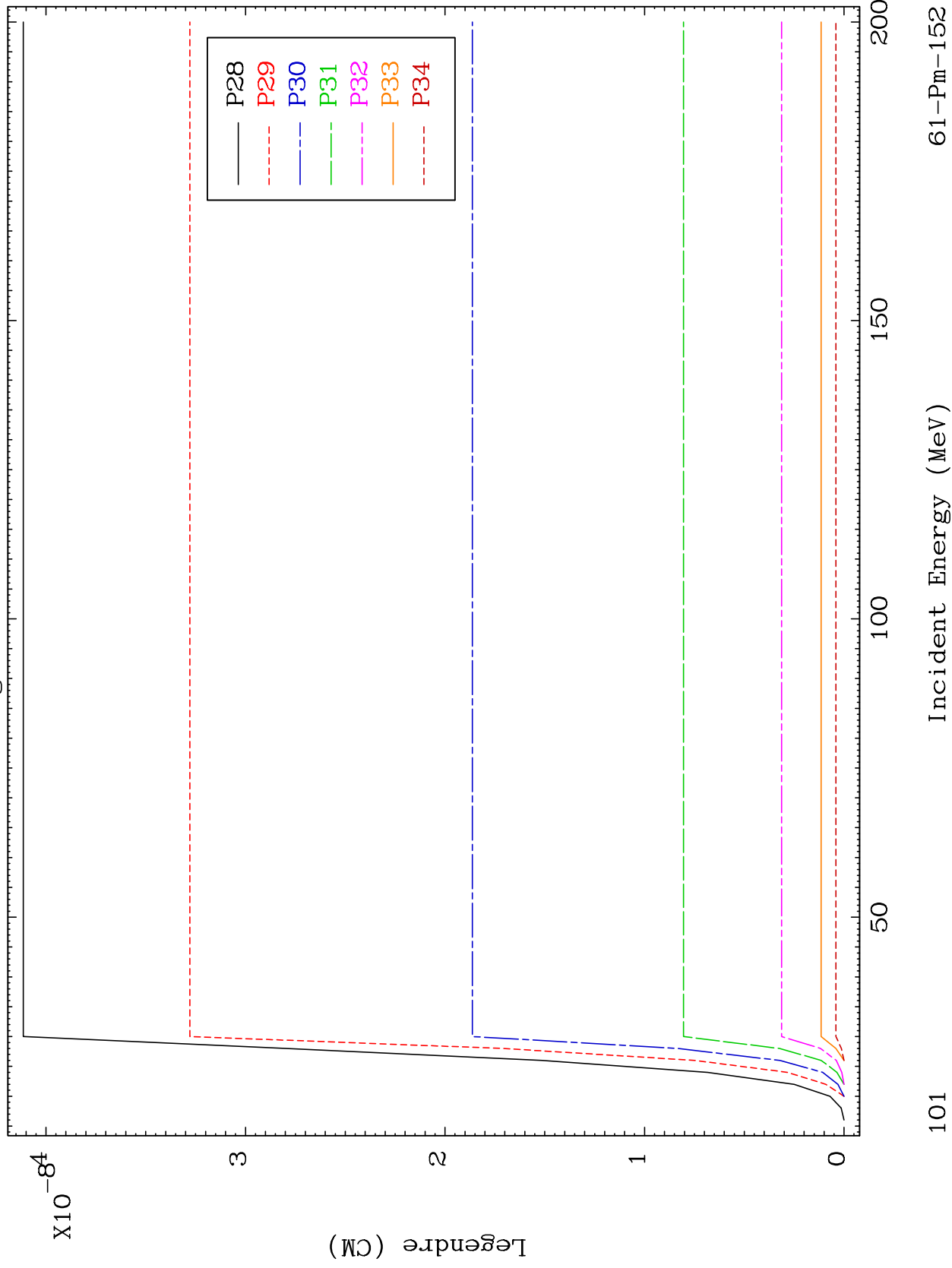
61-Pm-152



MAT 6164

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

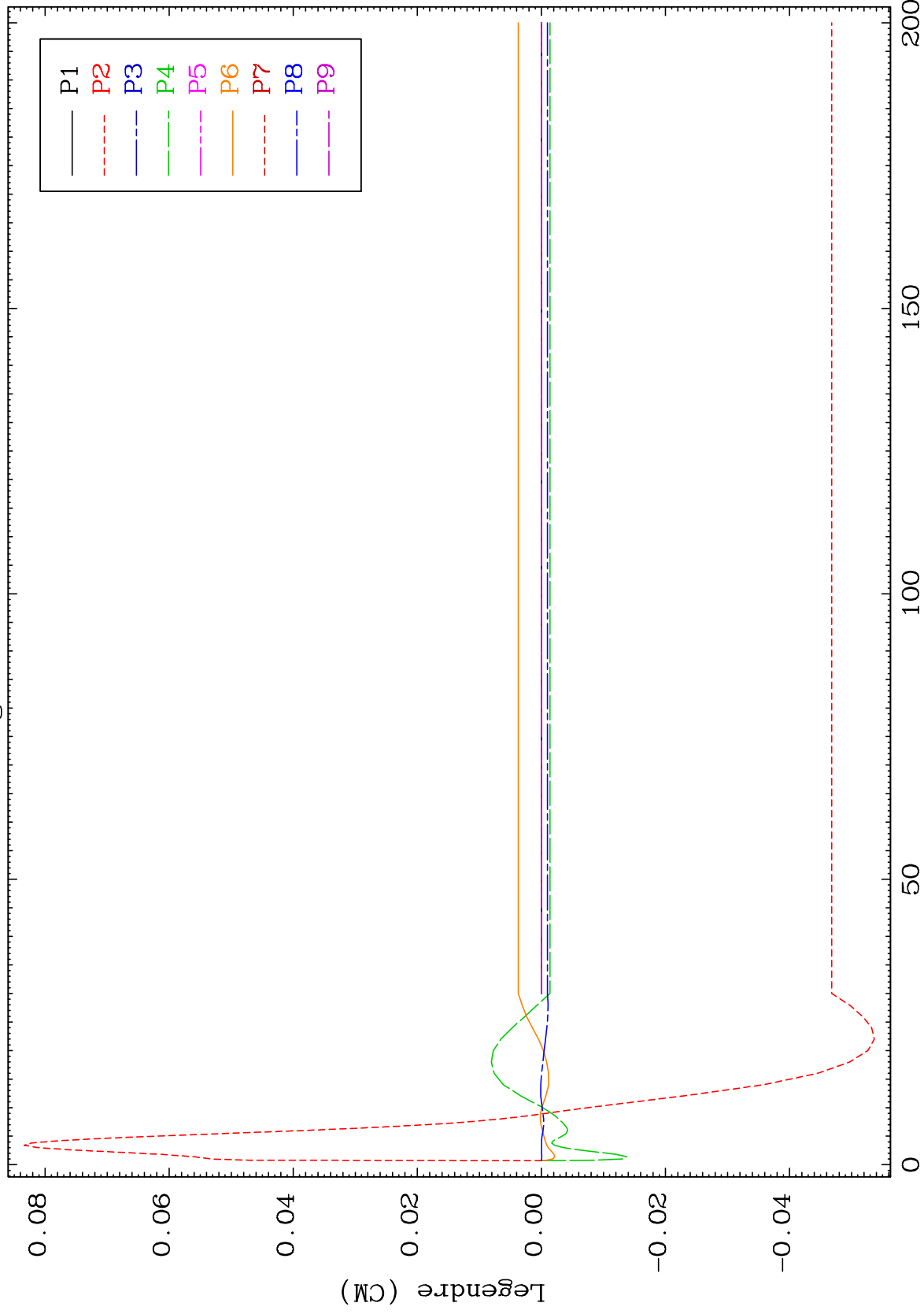
61-Pm-152



MAT 6164

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

61-Pm-152



61-Pm-152

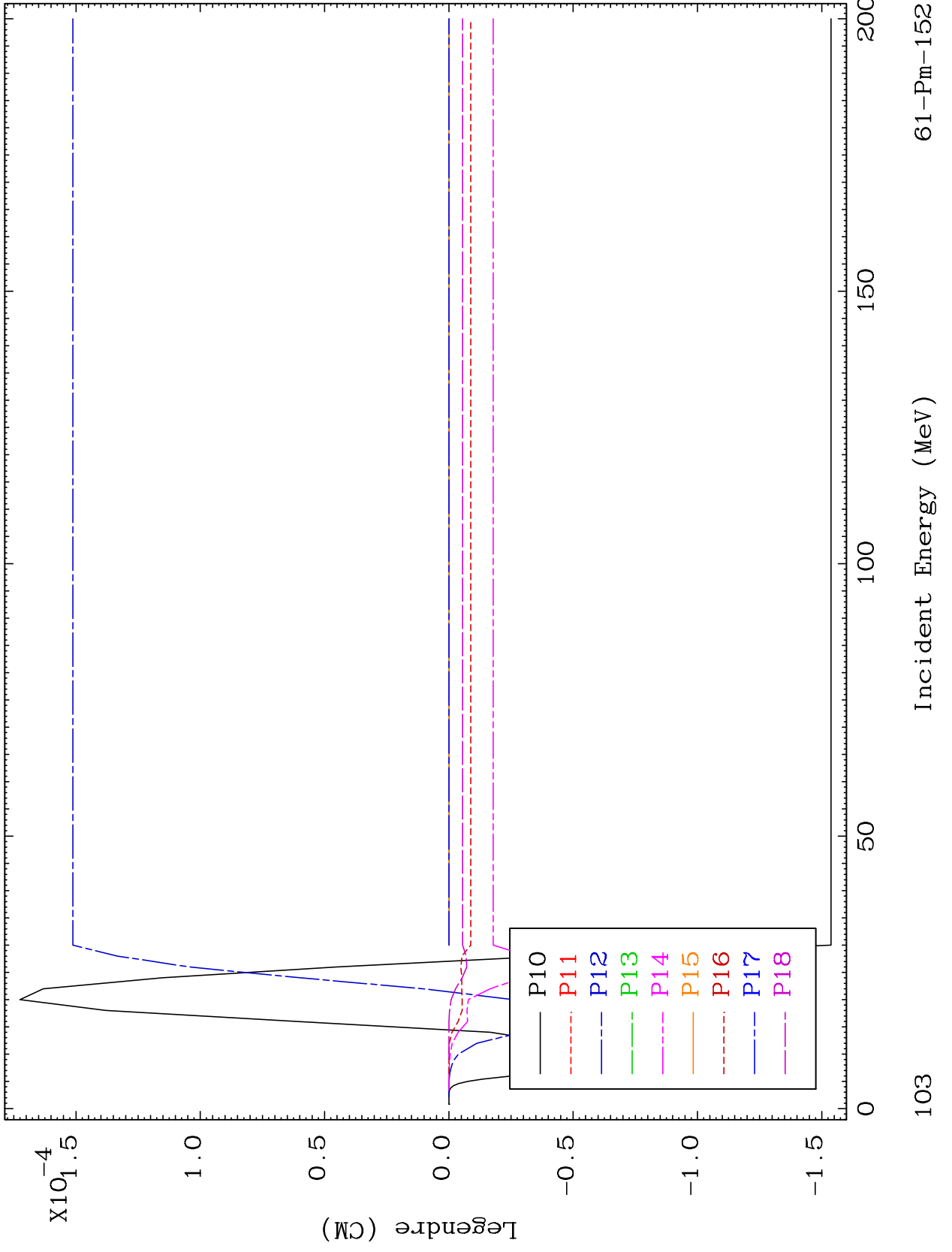
Incident Energy (MeV)

102

MAT 6164

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

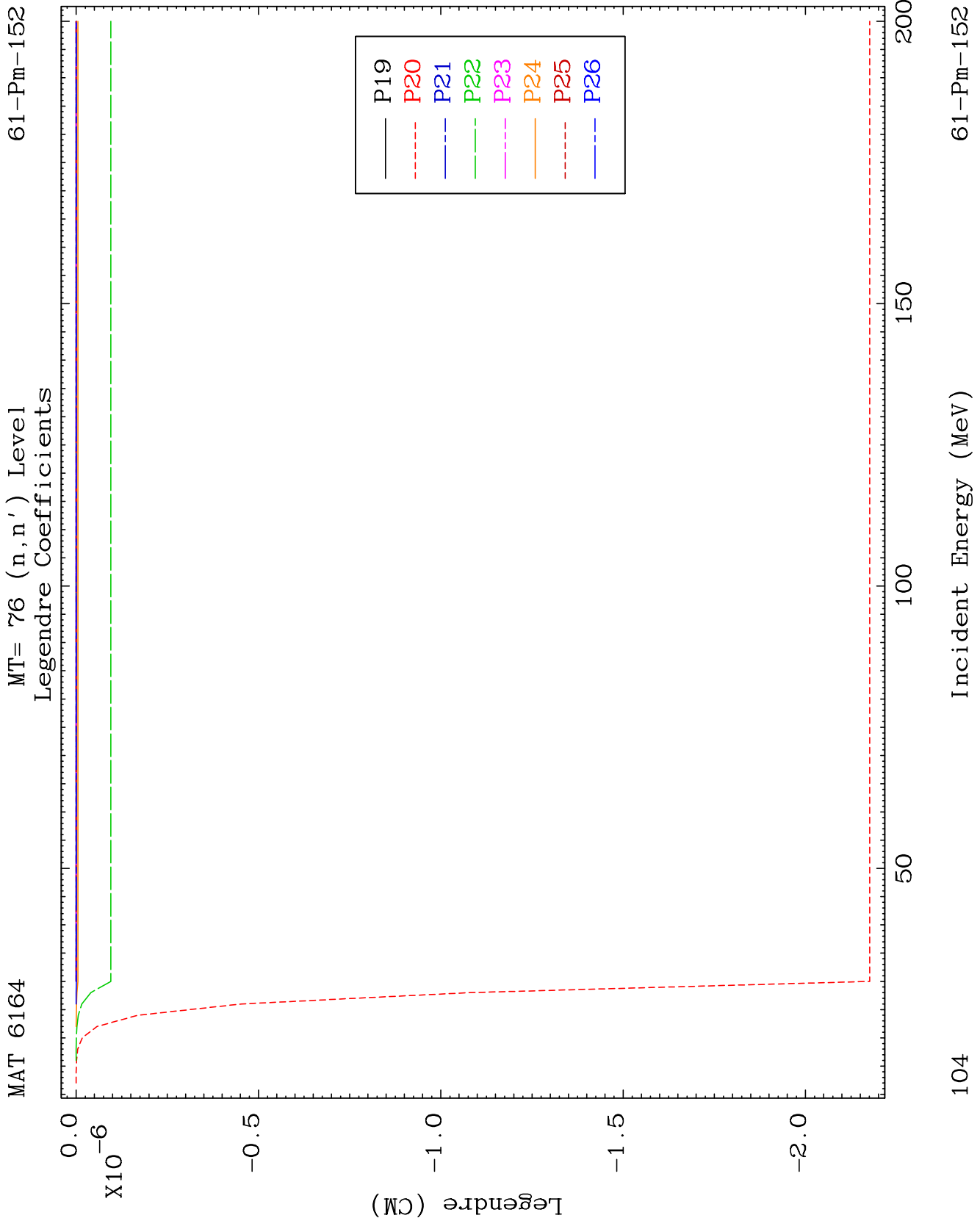
61-Pm-152



103

Incident Energy (MeV)

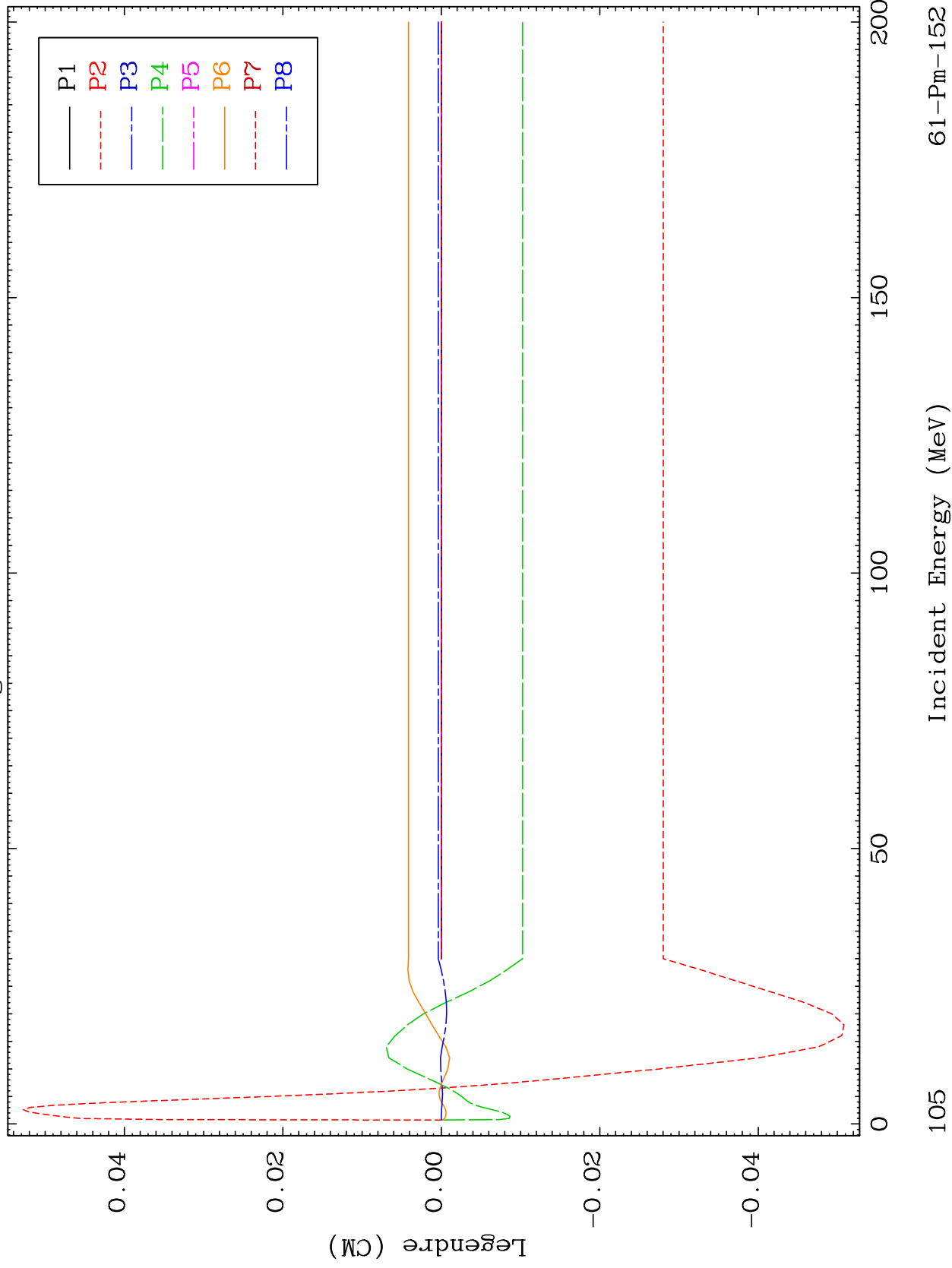
61-Pm-152



MAT 6164

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

61-Pm-152

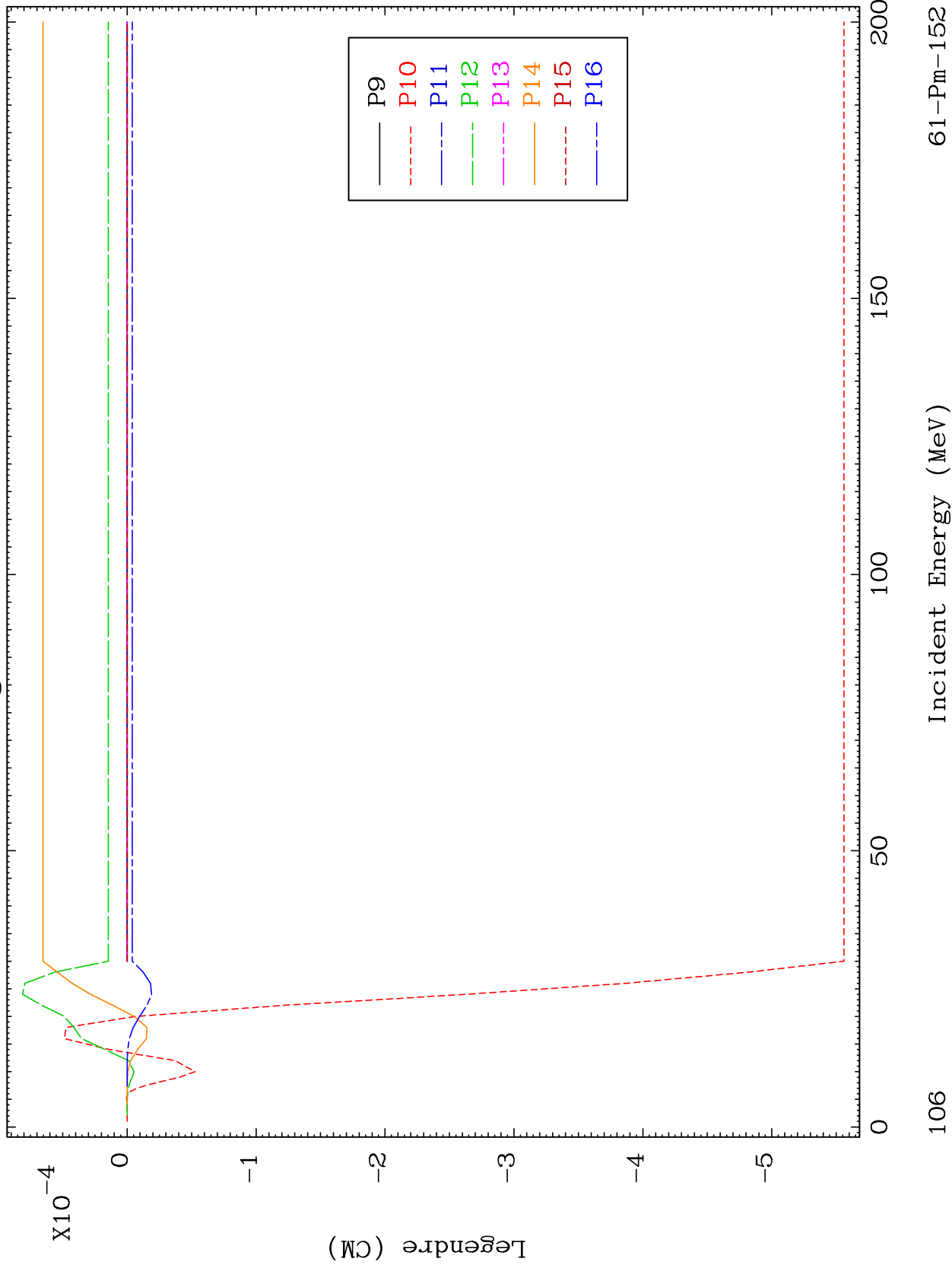


MAT 6164

MT= 77 (n,n') Level

61-Pm-152

Legendre Coefficients



61-Pm-152

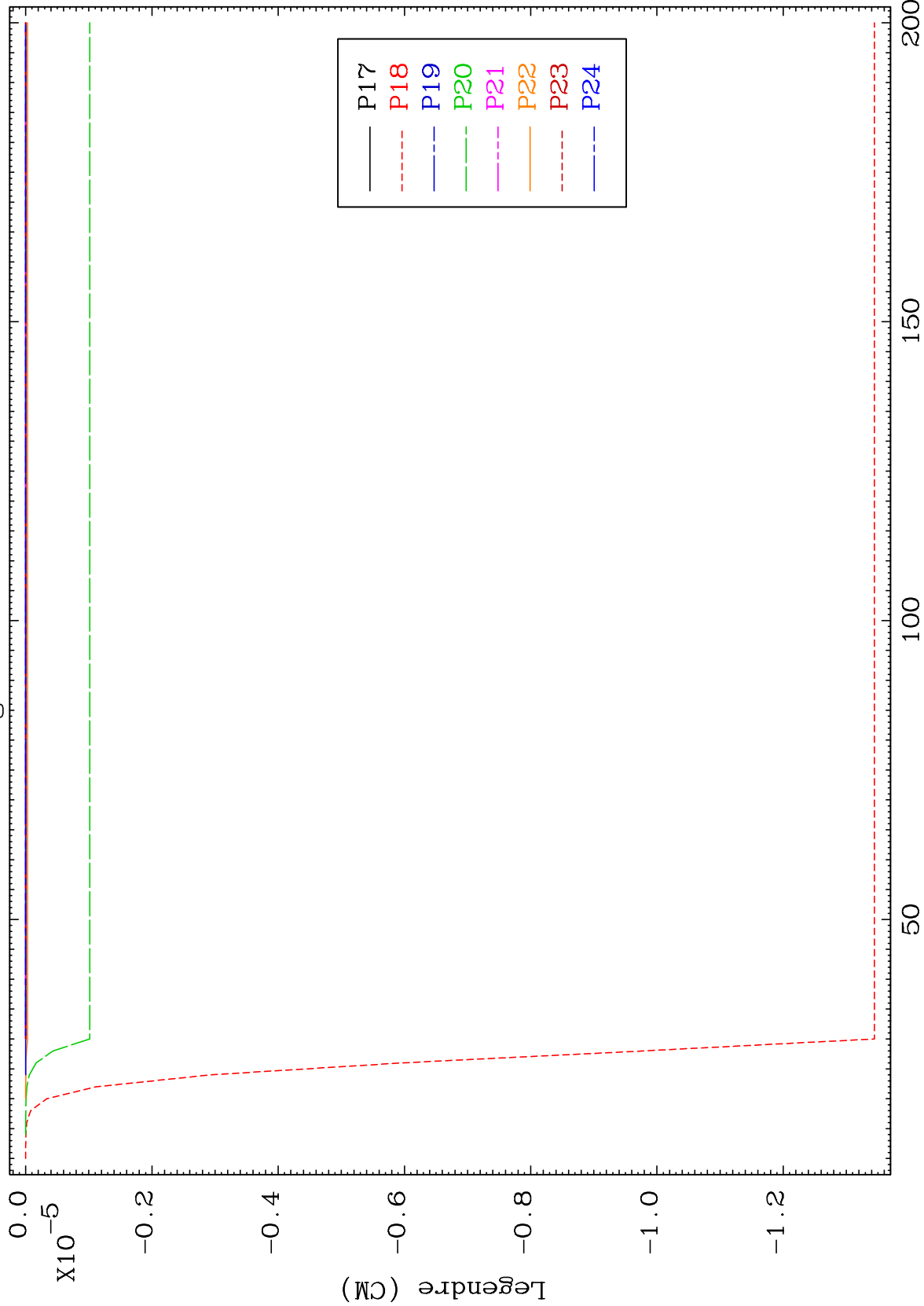
Incident Energy (MeV)

106

MAT 6164

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

61-Pm-152



107

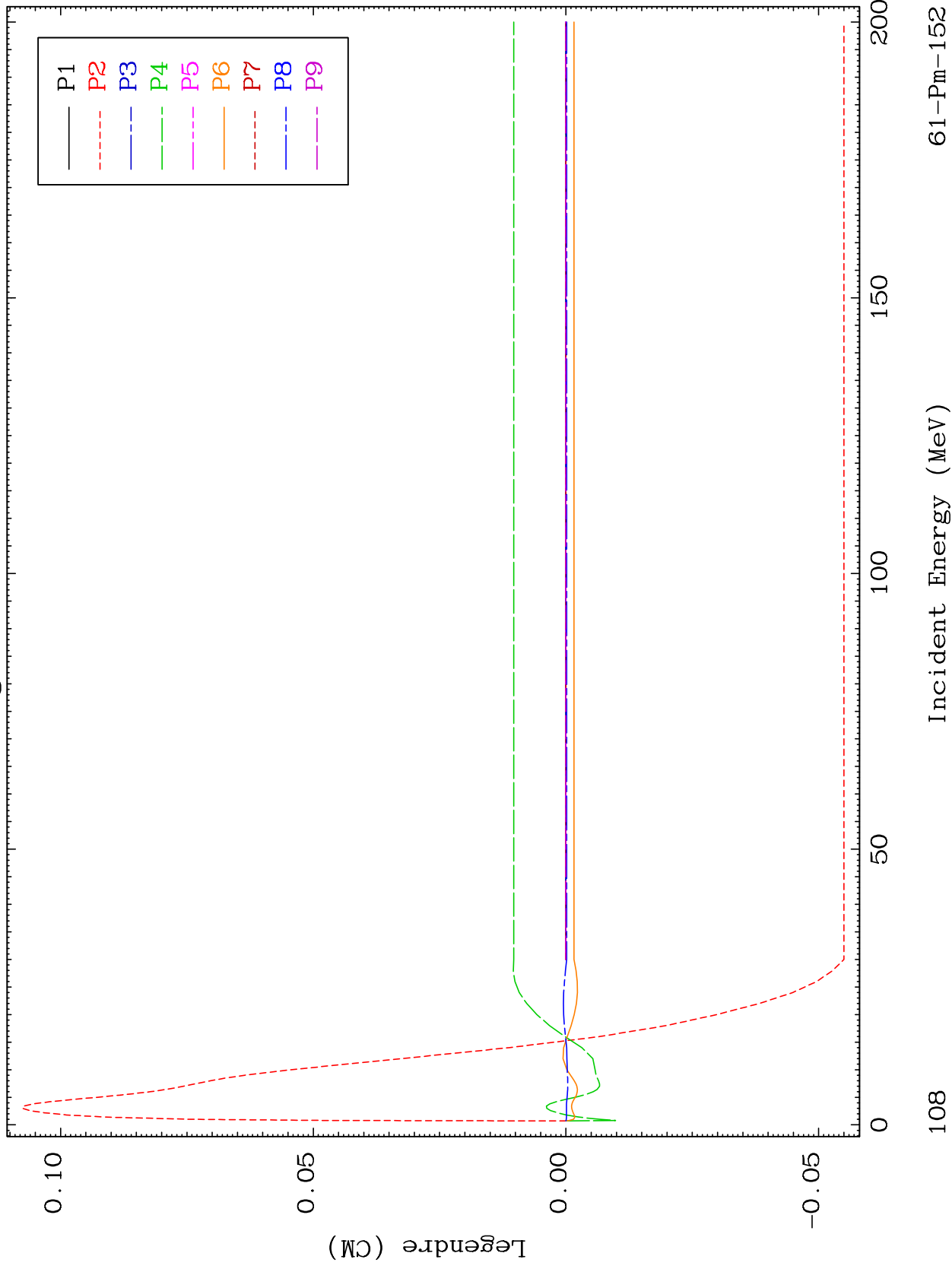
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152

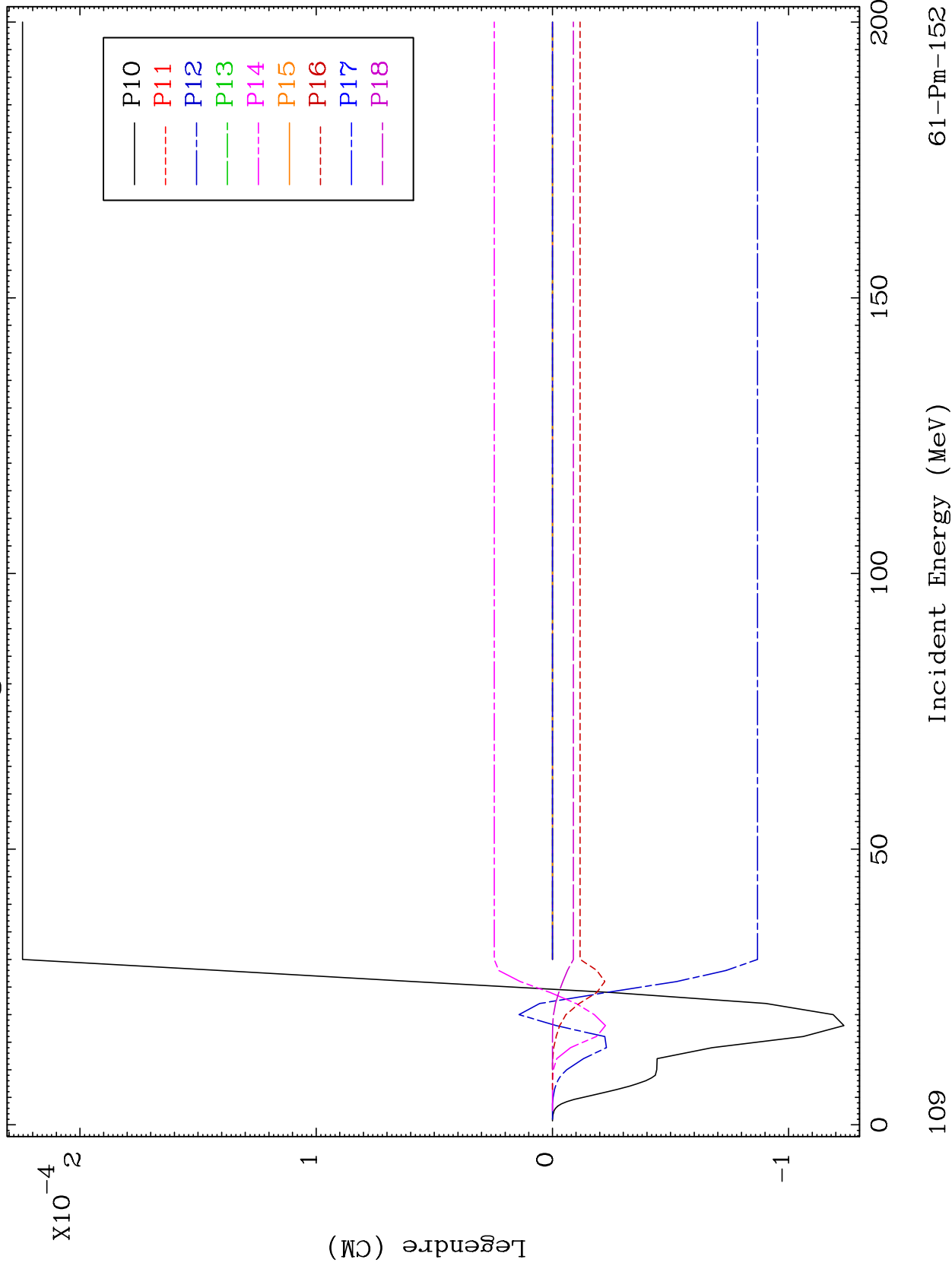


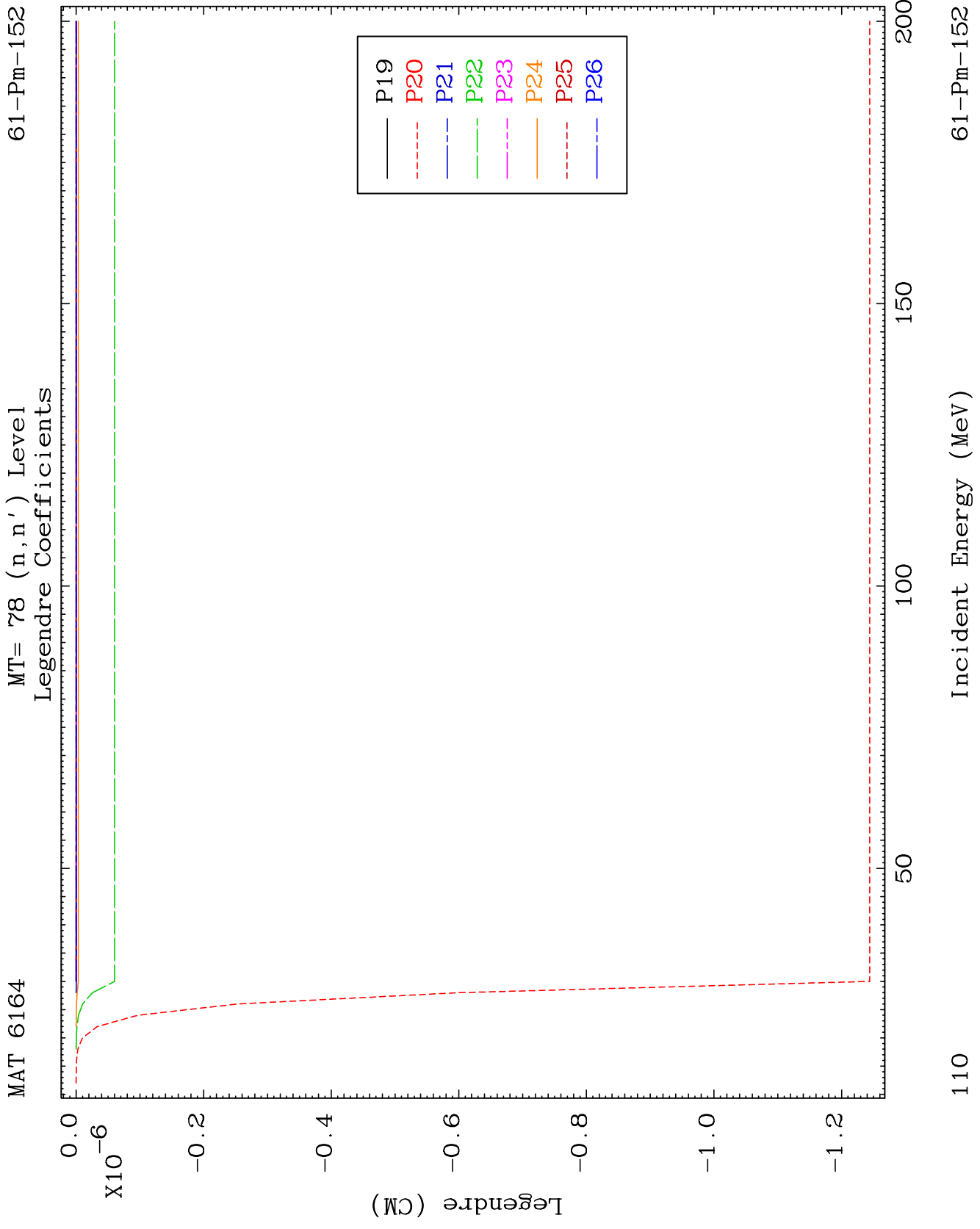
108

MAT 6164

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

61-Pm-152

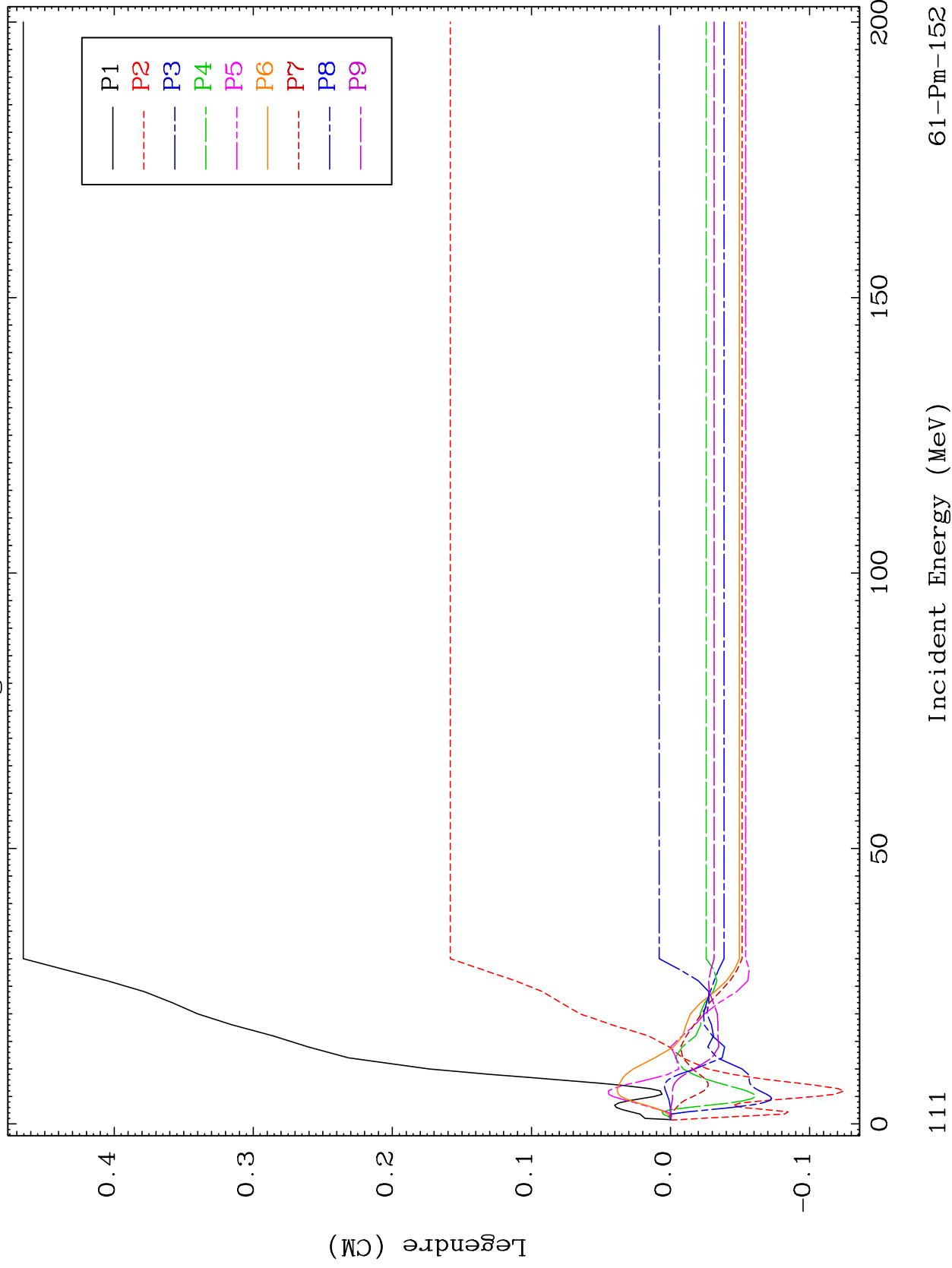




MAT 6164

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

61-Pm-152



61-Pm-152

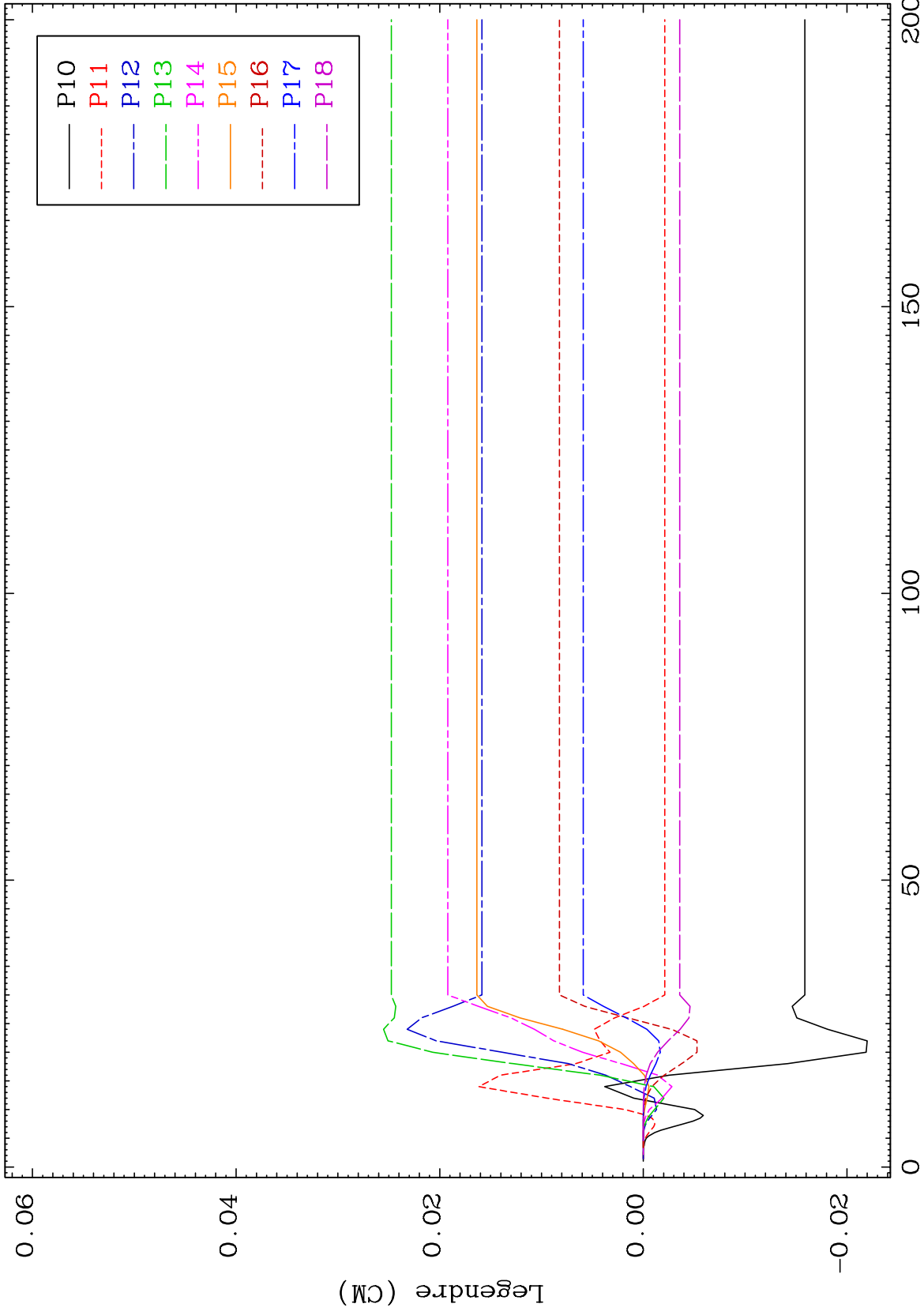
Incident Energy (MeV)

111

MAT 6164

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

61-Pm-152



112

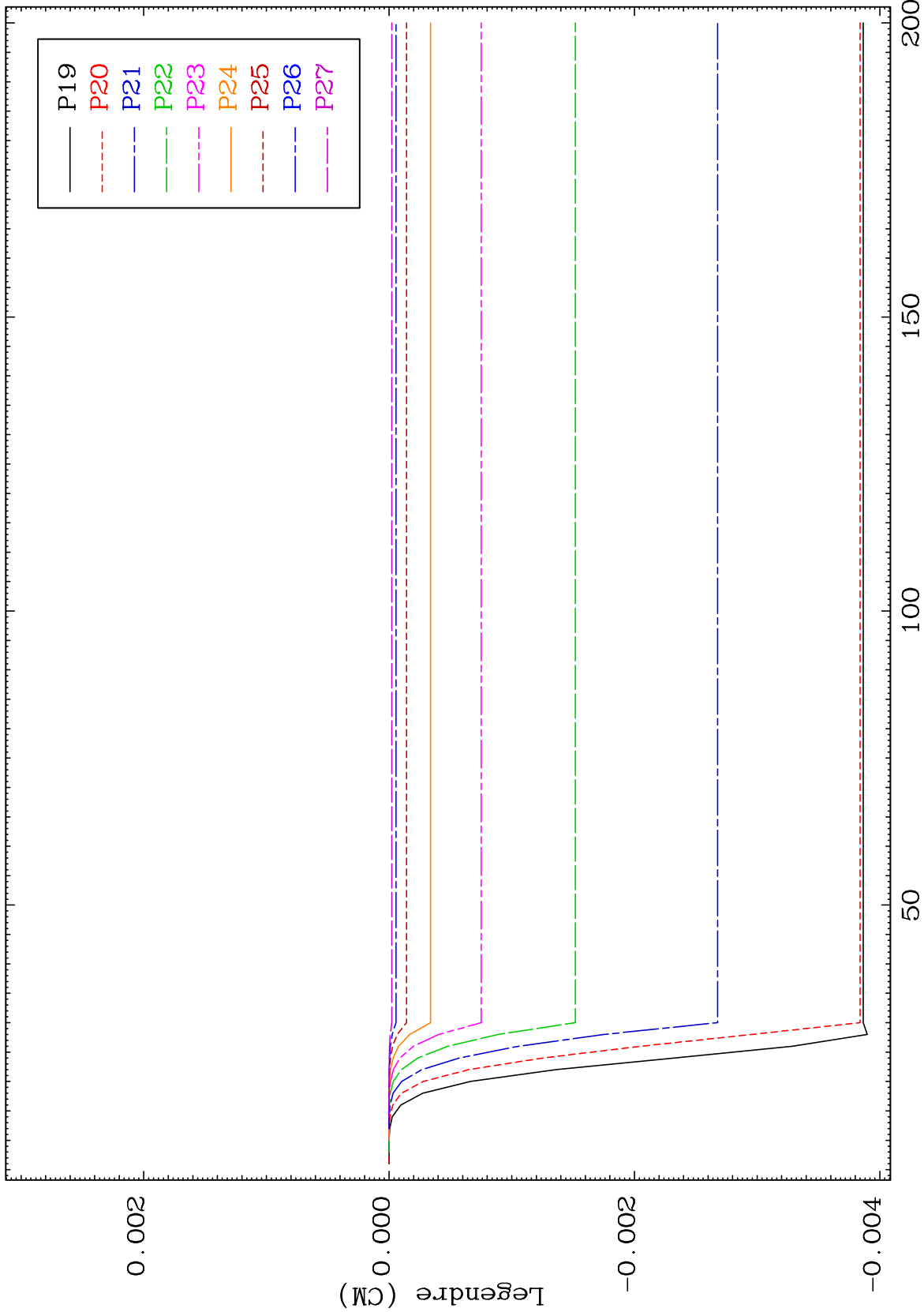
Incident Energy (MeV)

61-Pm-152

MAT 6164

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

61-Pm-152



113

Incident Energy (MeV)

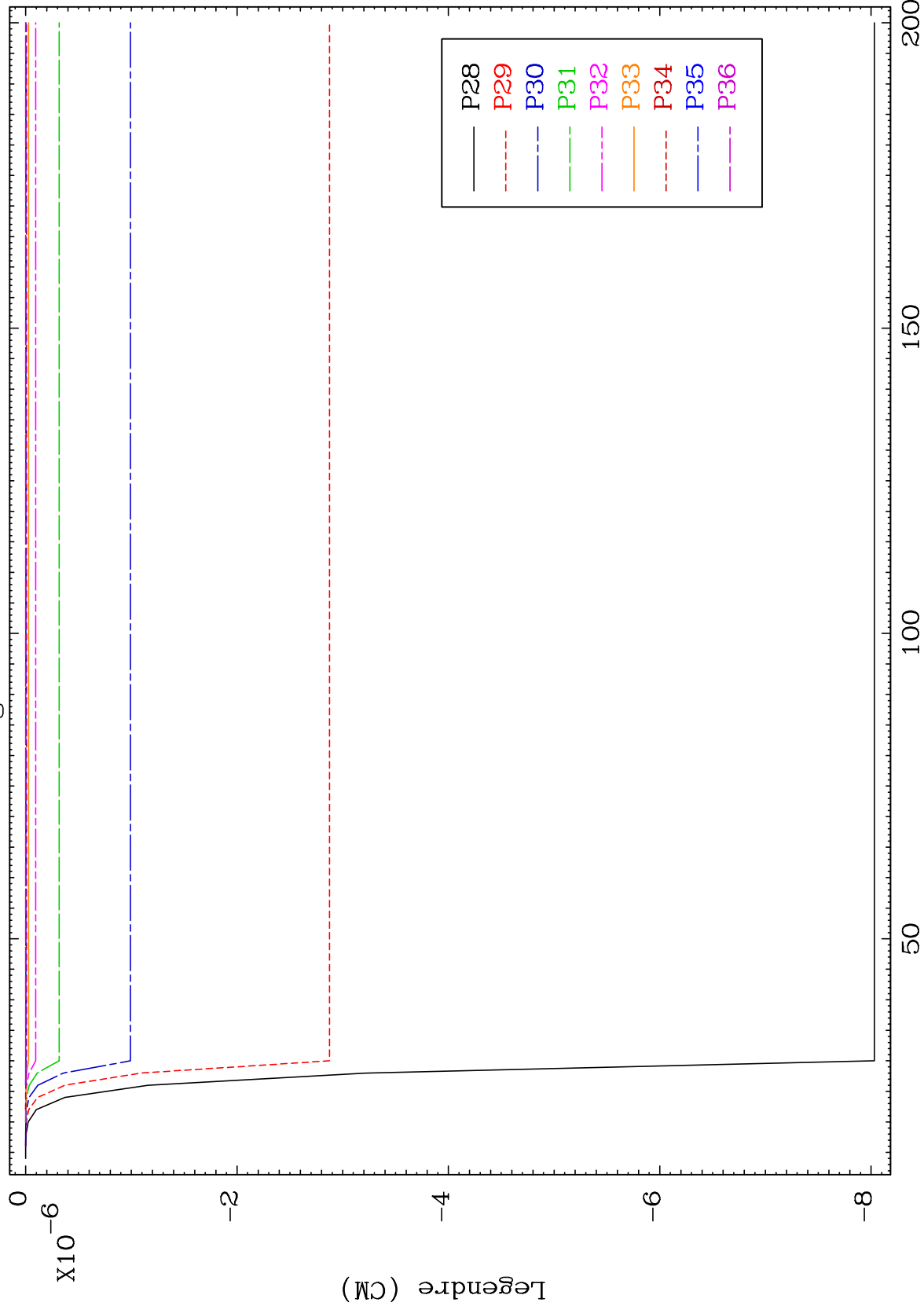
61-Pm-152

MAT 6164

MT= 79 (n,n') Level

61-Pm-152

Legendre Coefficients



61-Pm-152

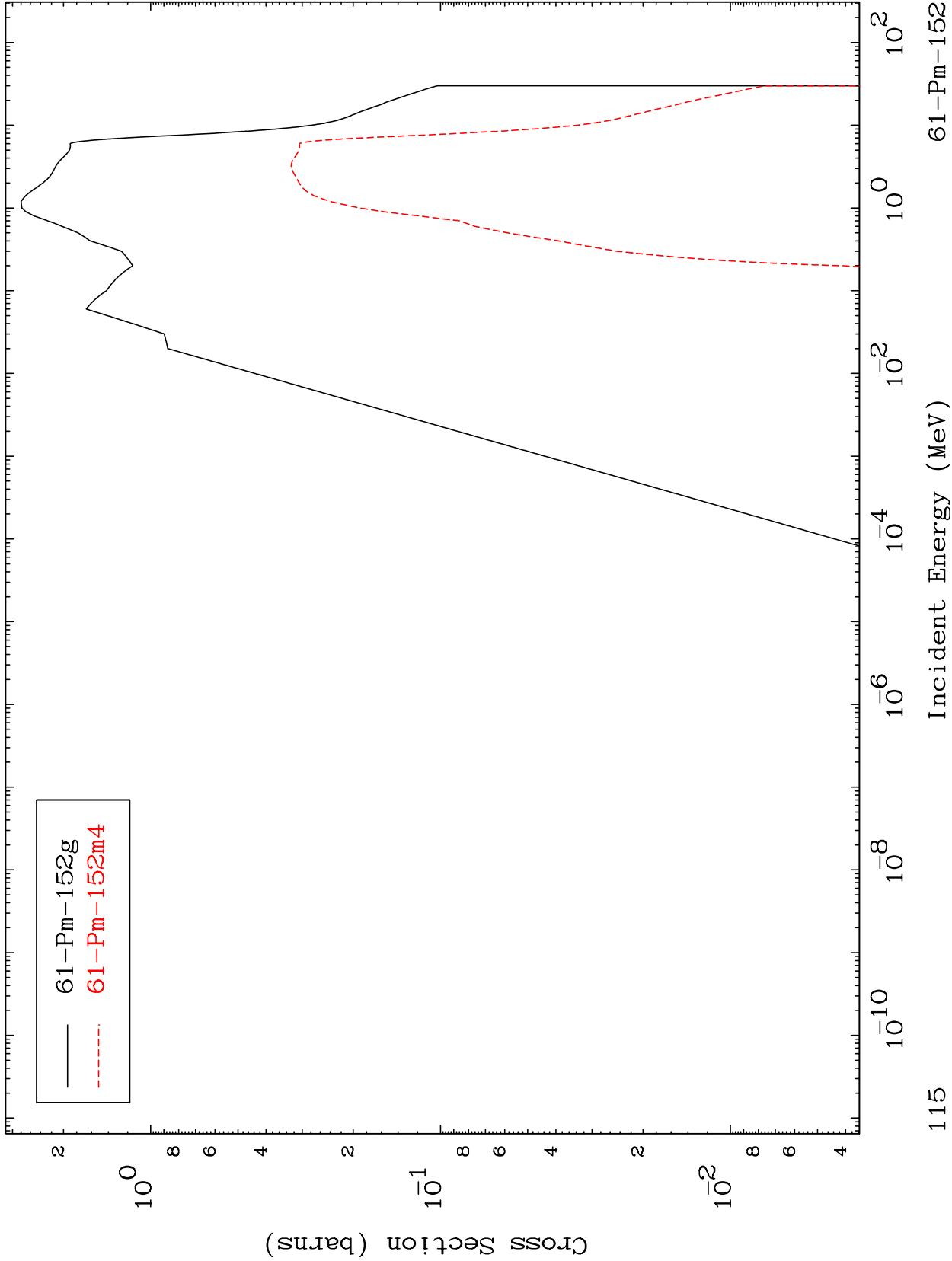
Incident Energy (MeV)

114

MAT 6164

Inelastic
Radionuclide Production Cross Section

61-Pm-152

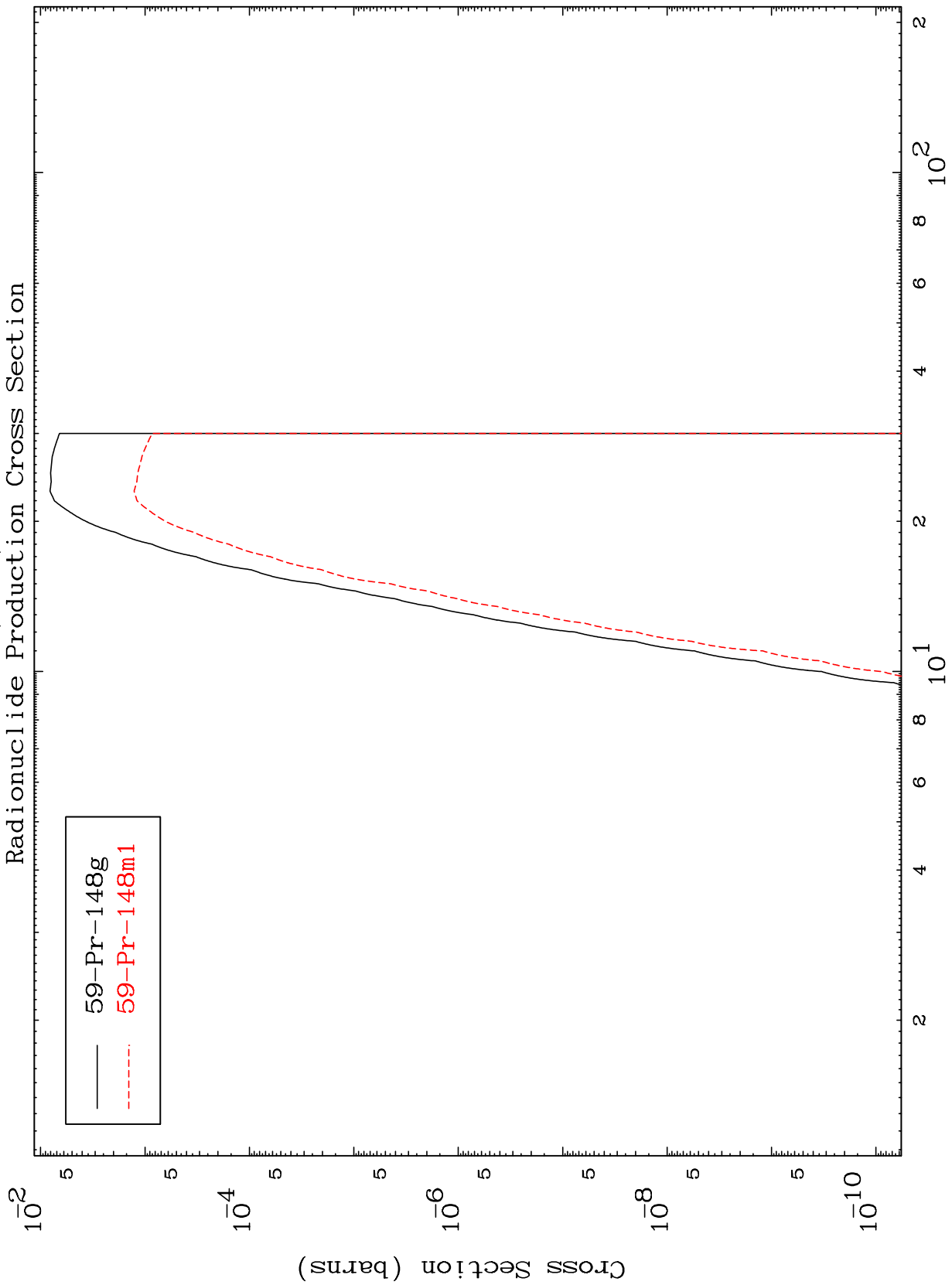


MAT 6164

$(n, n') \alpha$

61-Pm-152

Radionuclide Production Cross Section



116

Incident Energy (MeV)

61-Pm-152