

Program EVALPLOT
(Version 2021-1)

by

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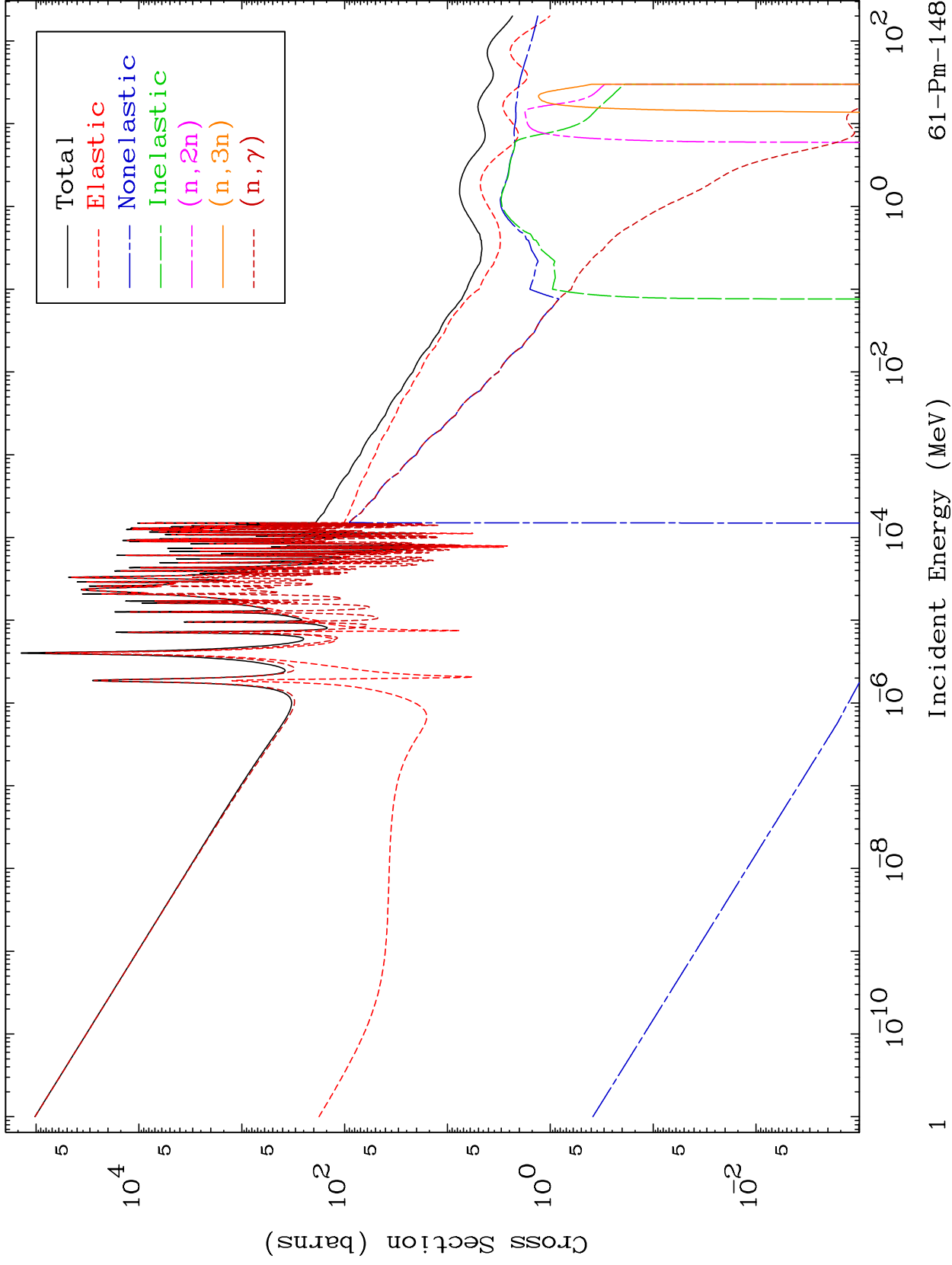
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Press Mouse Button to Start

MAT 6152

Neutron Major
293 Kelvin Cross Sections

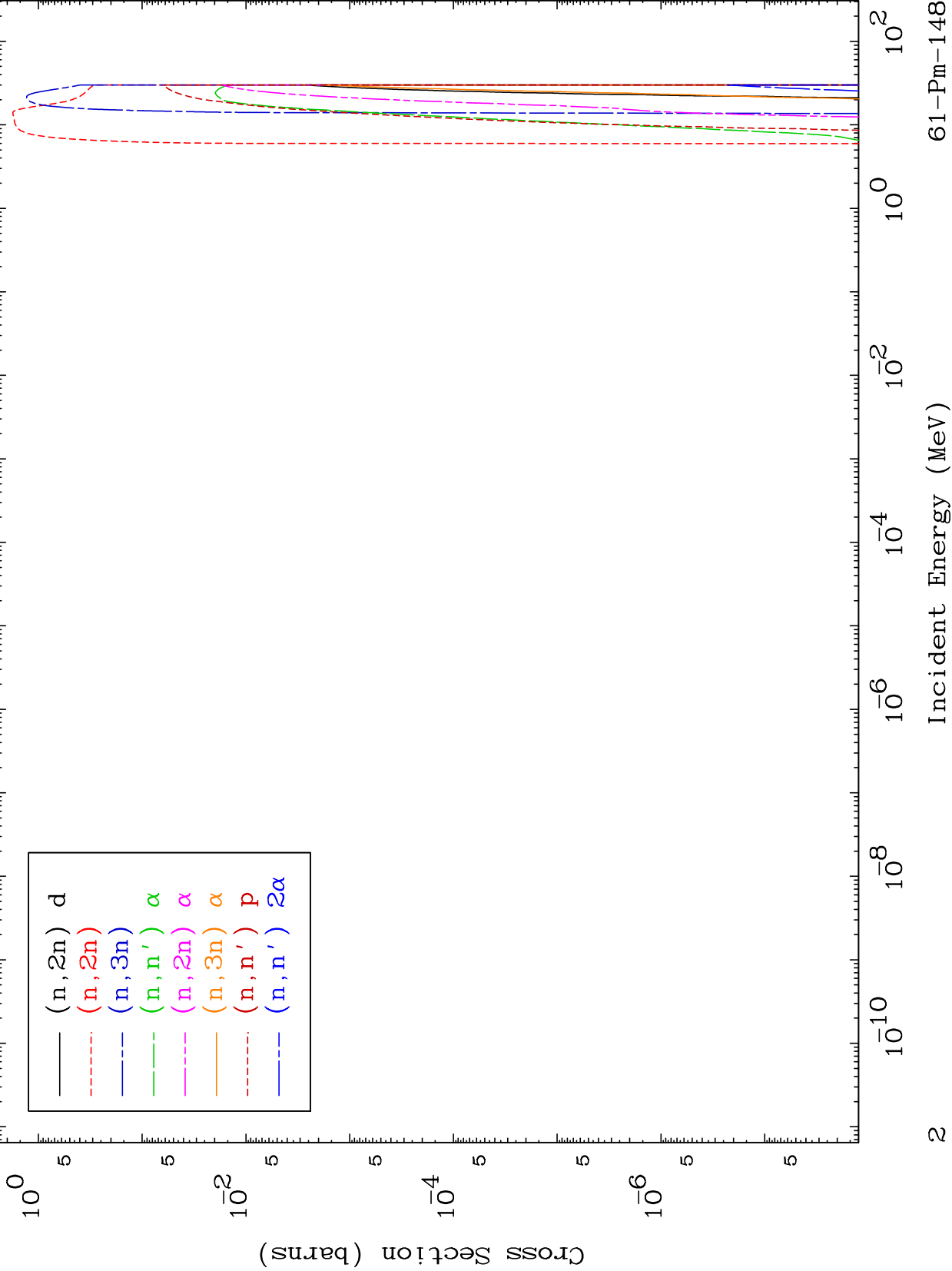
61-Pm-148

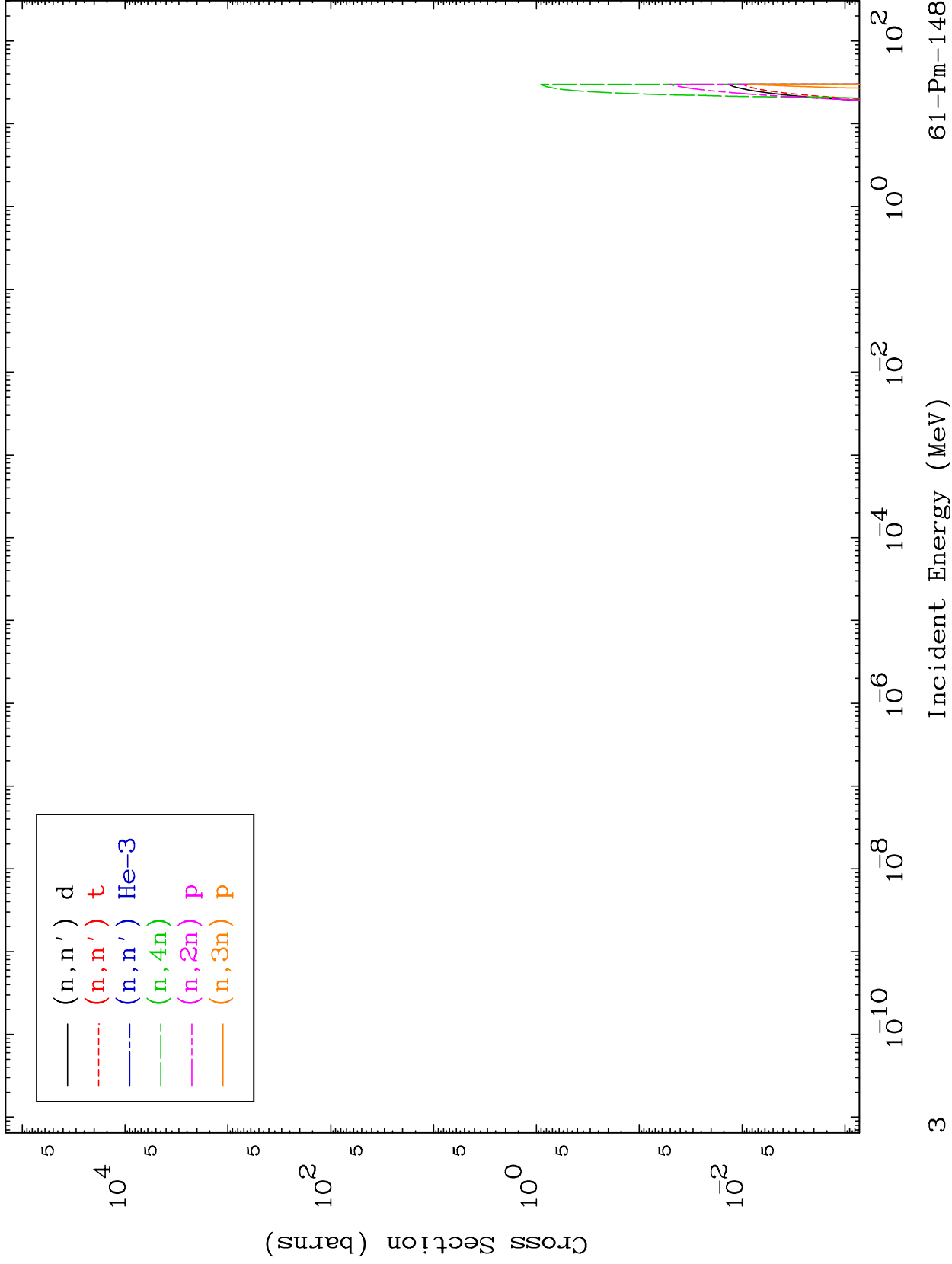


MAT 6152

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-148

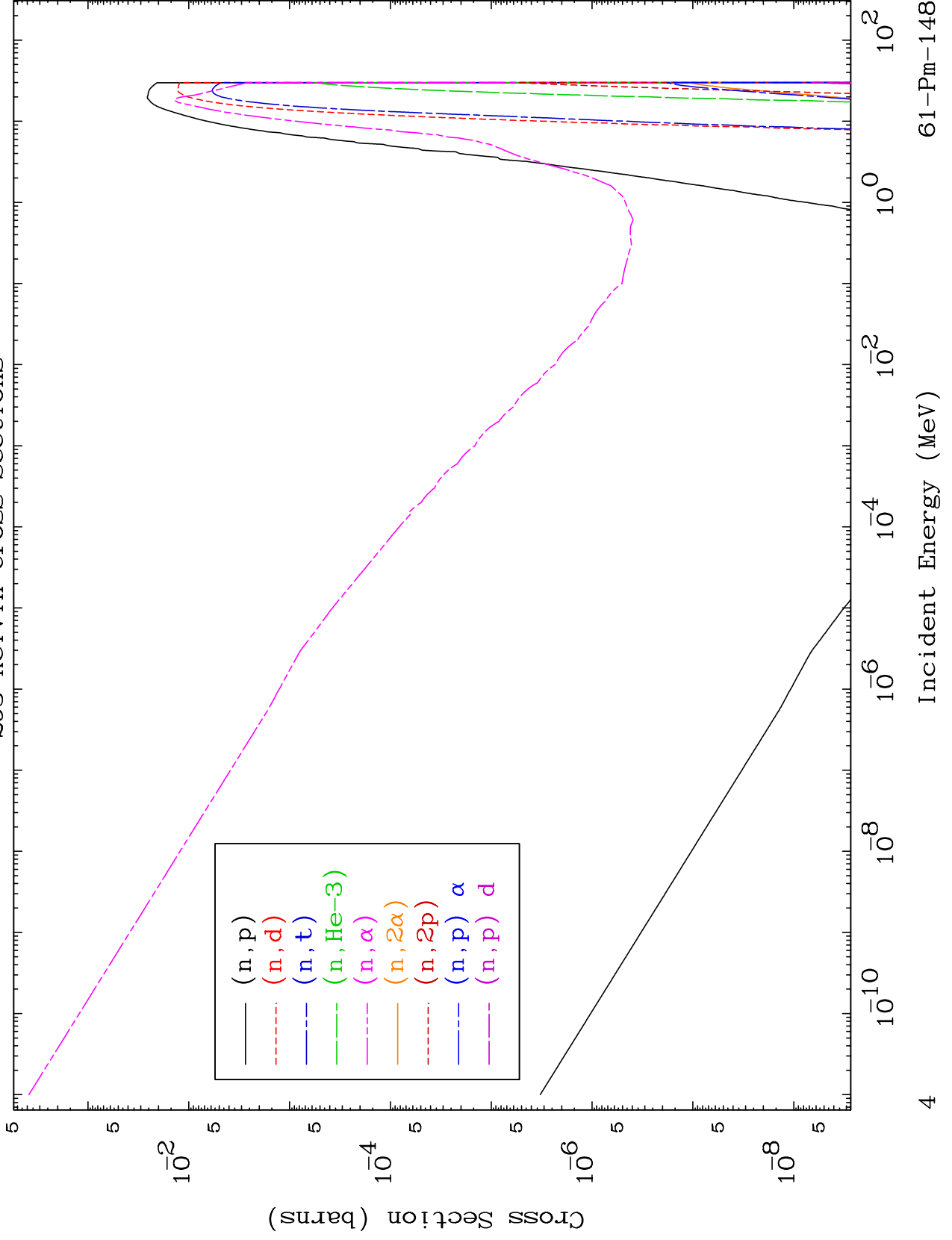


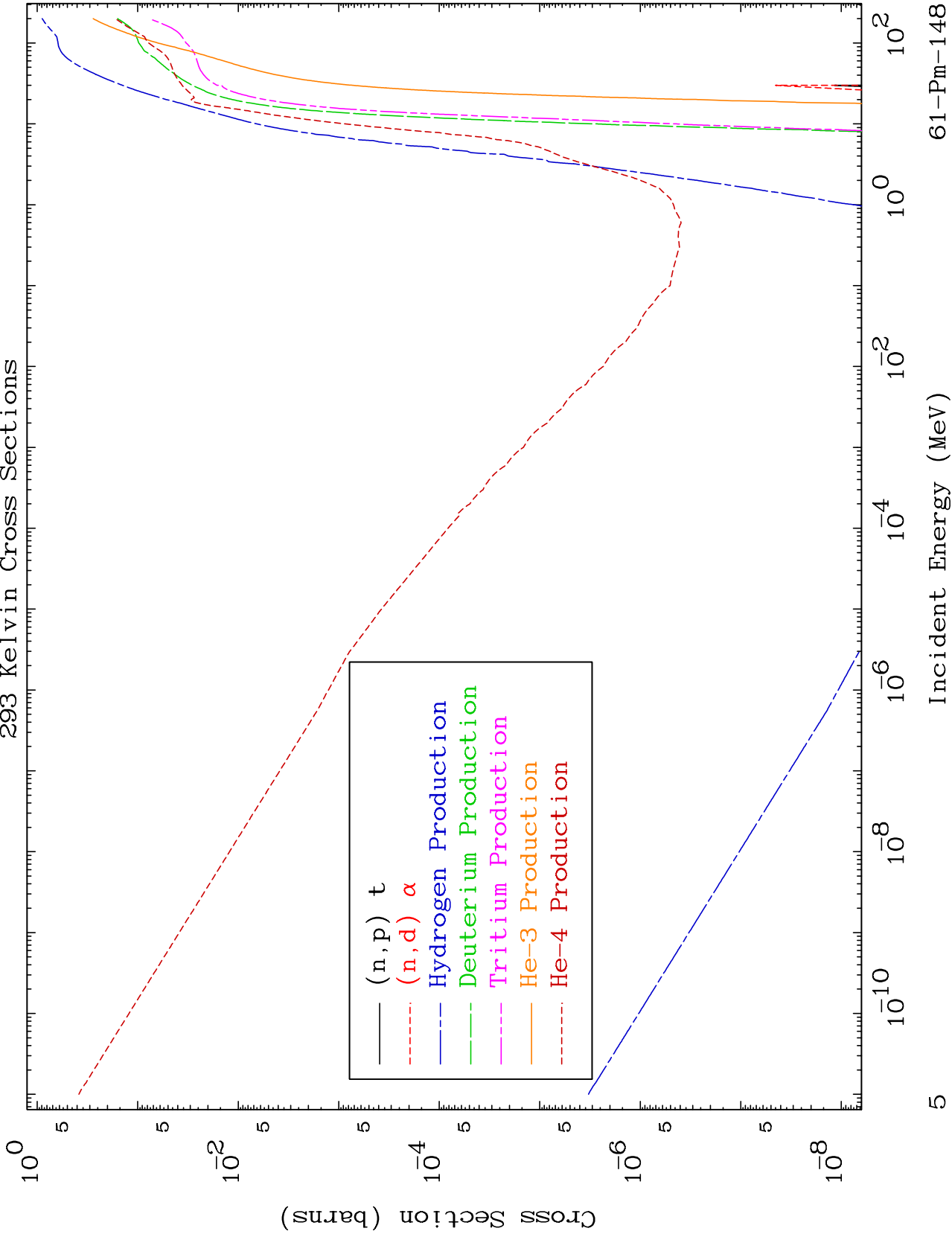


MAT 6152

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-148

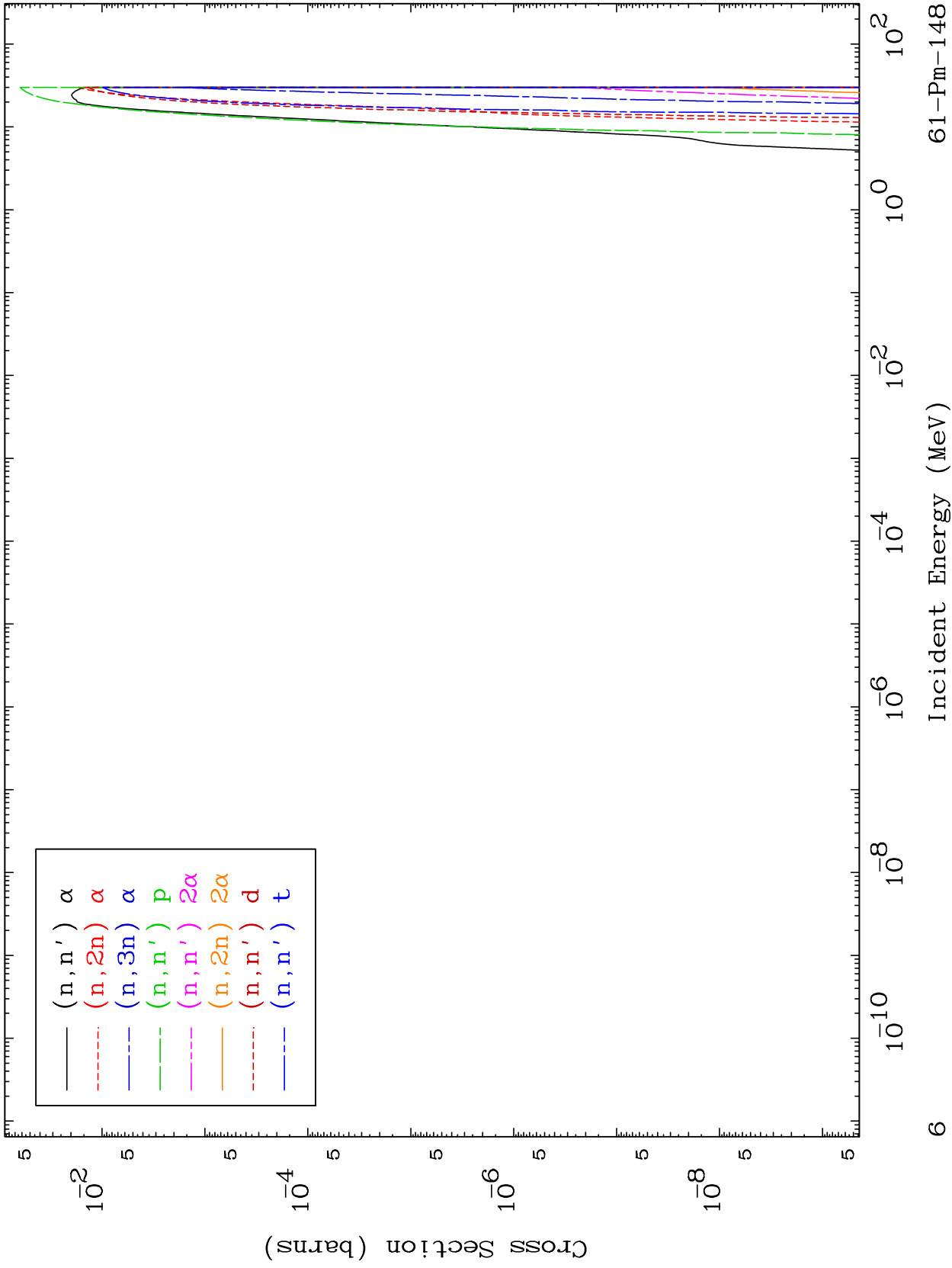




MAT 6152

Charged Particle
293 Kelvin Cross Sections

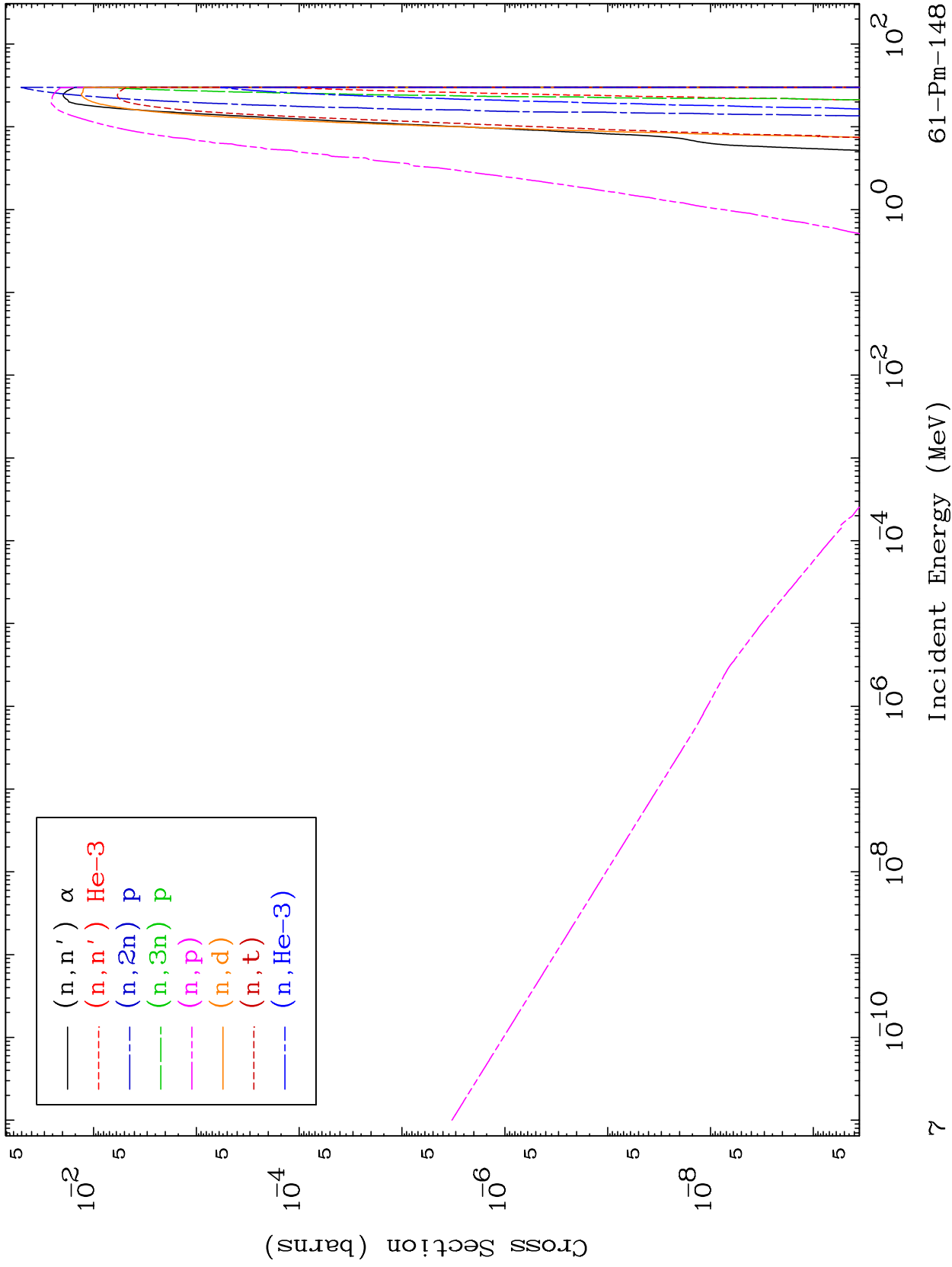
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MAT 6152

Charged Particle
293 Kelvin Cross Sections

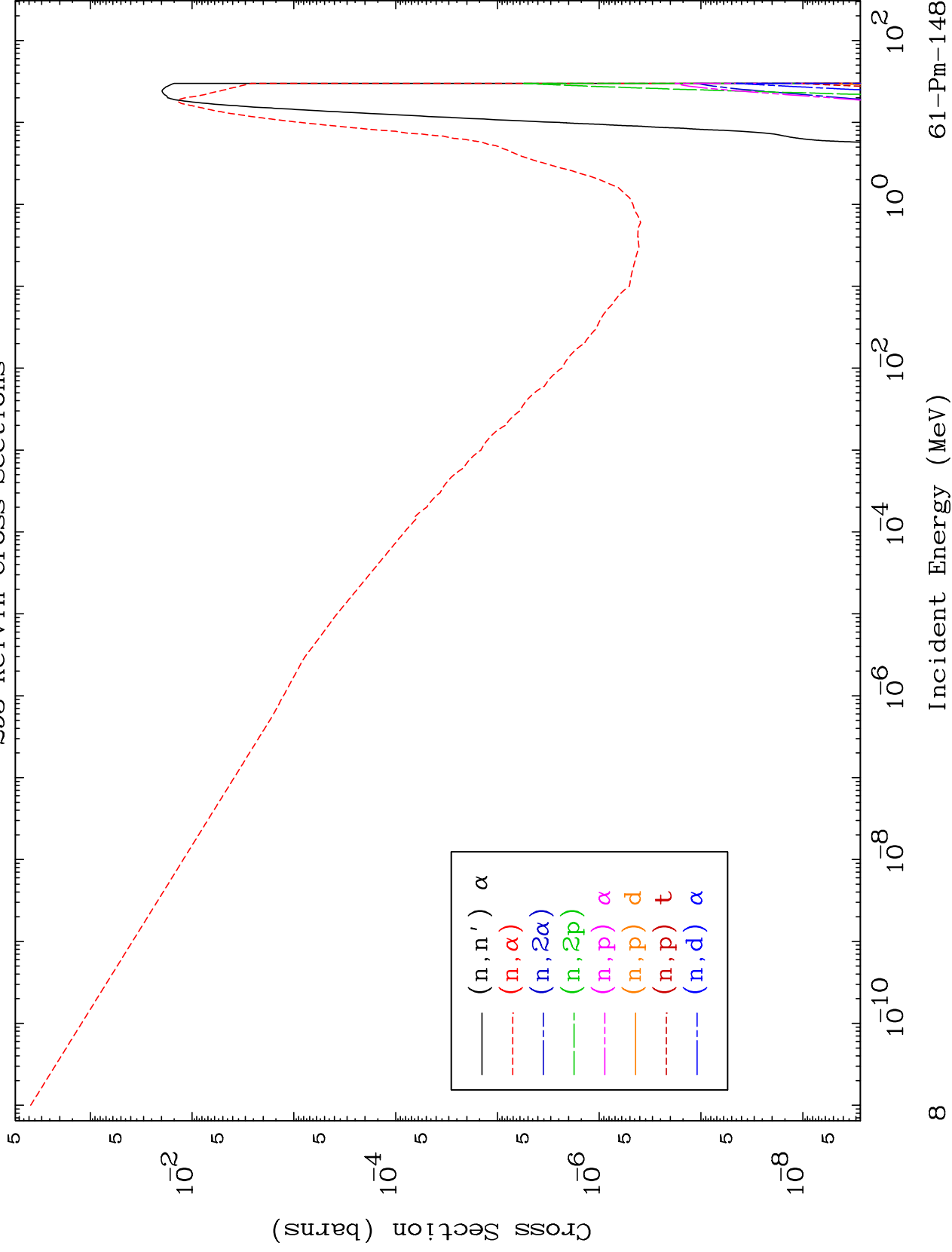
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MAT 6152

Charged Particle
293 Kelvin Cross Sections

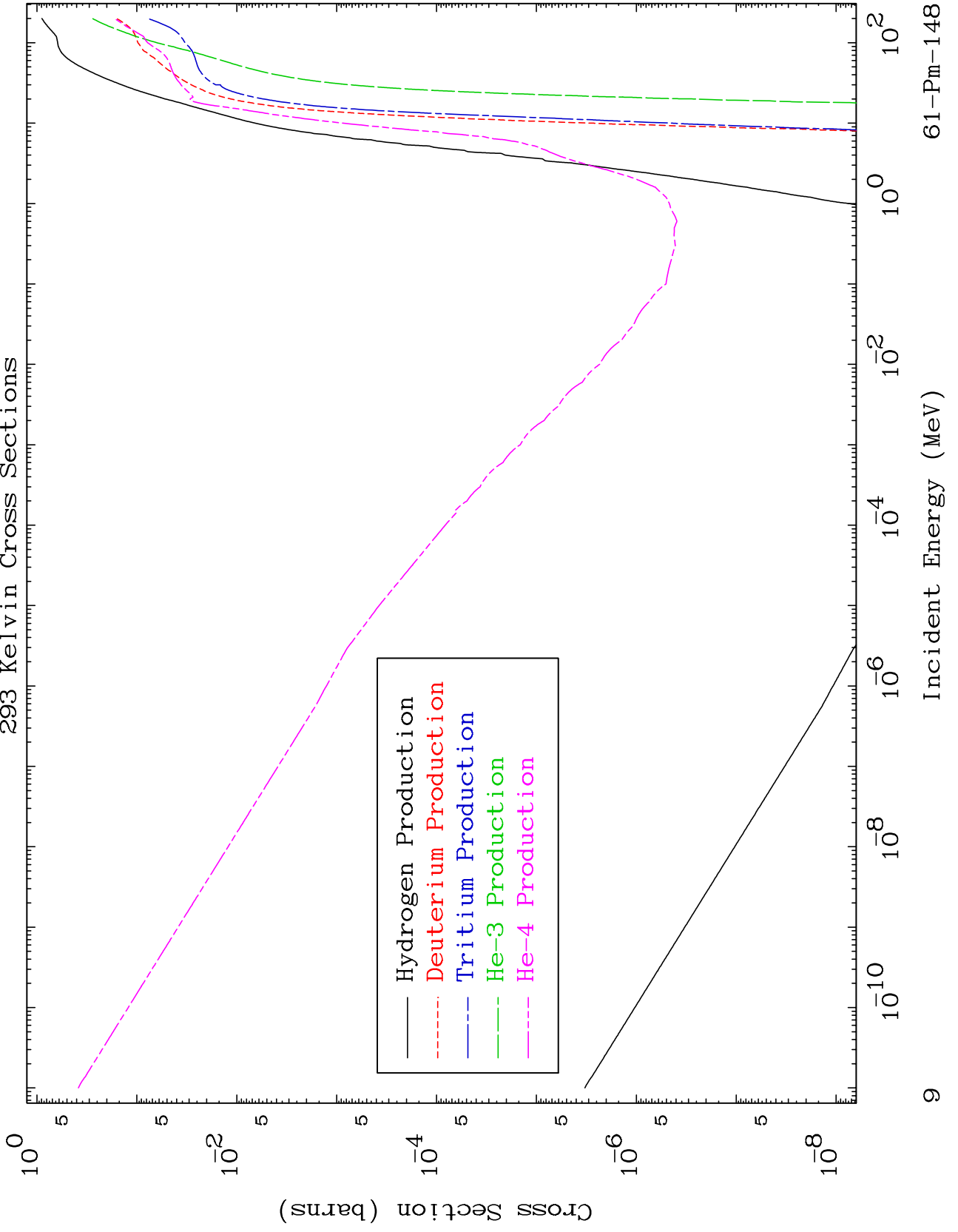
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MAT 6152

Particle Production
293 Kelvin Cross Sections

61-Pm-148

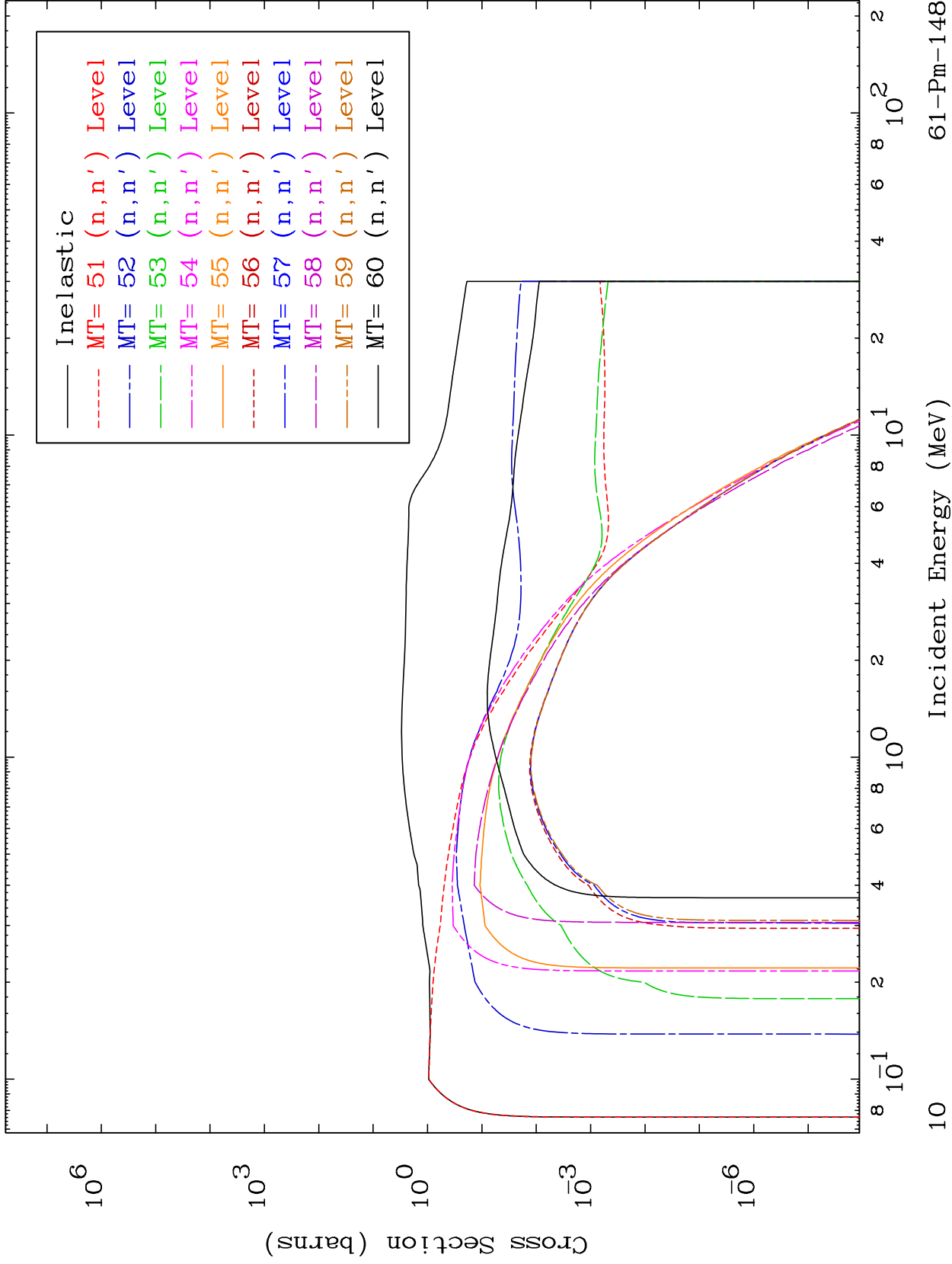


MAT 6152

(n,n') Levels

61-Pm-148

293 Kelvin Cross Sections

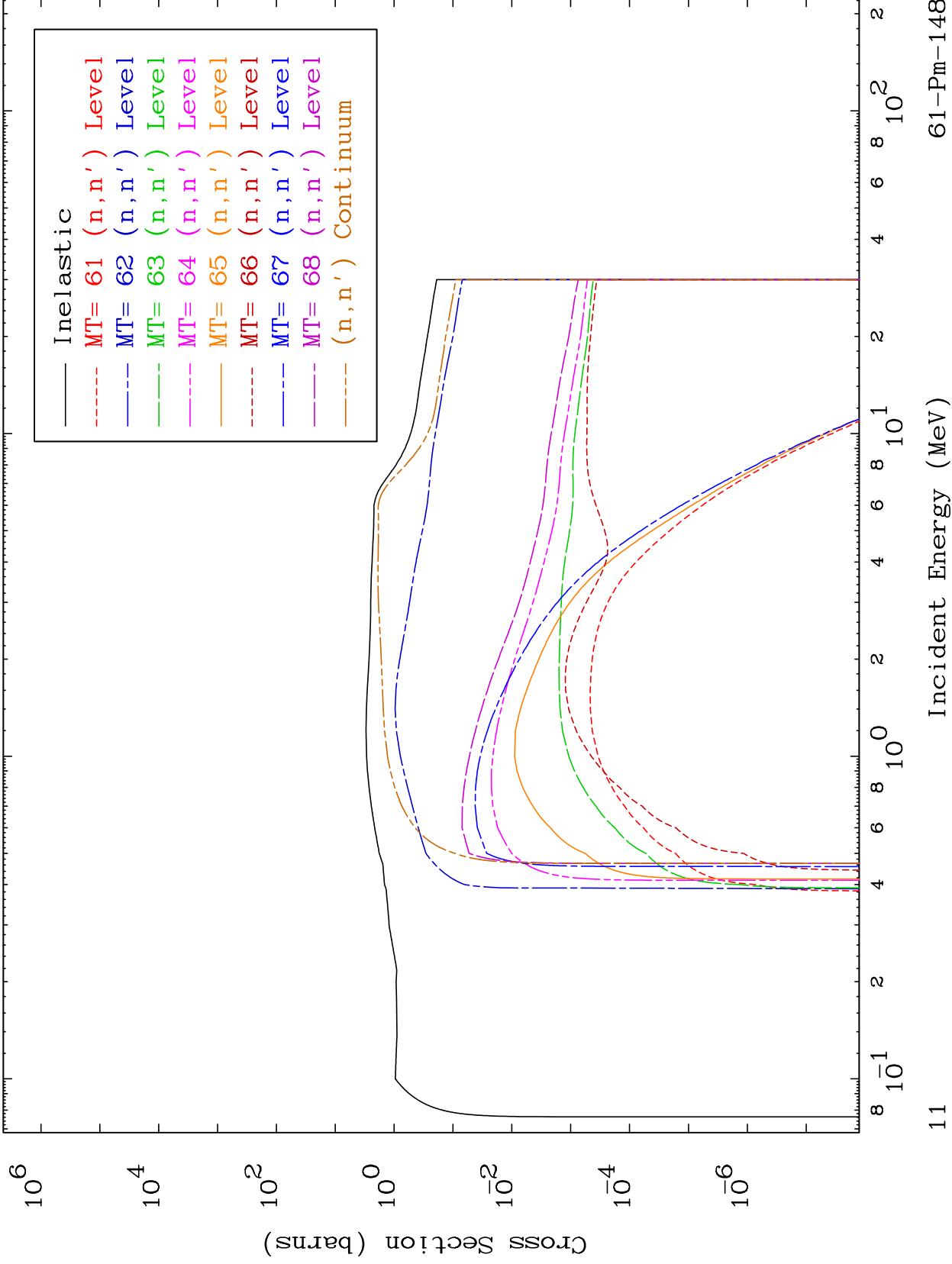


61-Pm-148

Incident Energy (MeV)

10

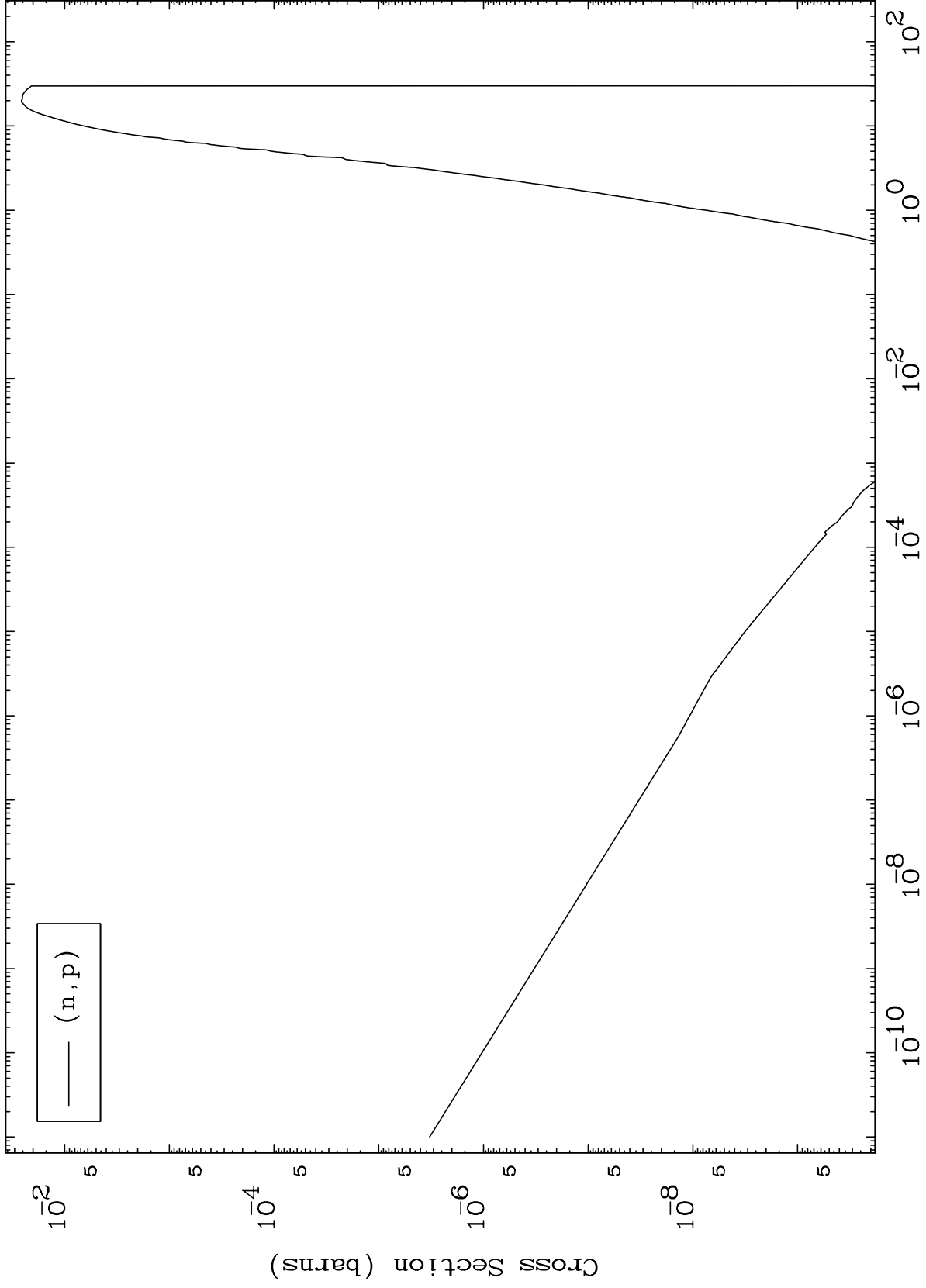
293 Kelvin Cross Sections



MAT 6152

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-148



12

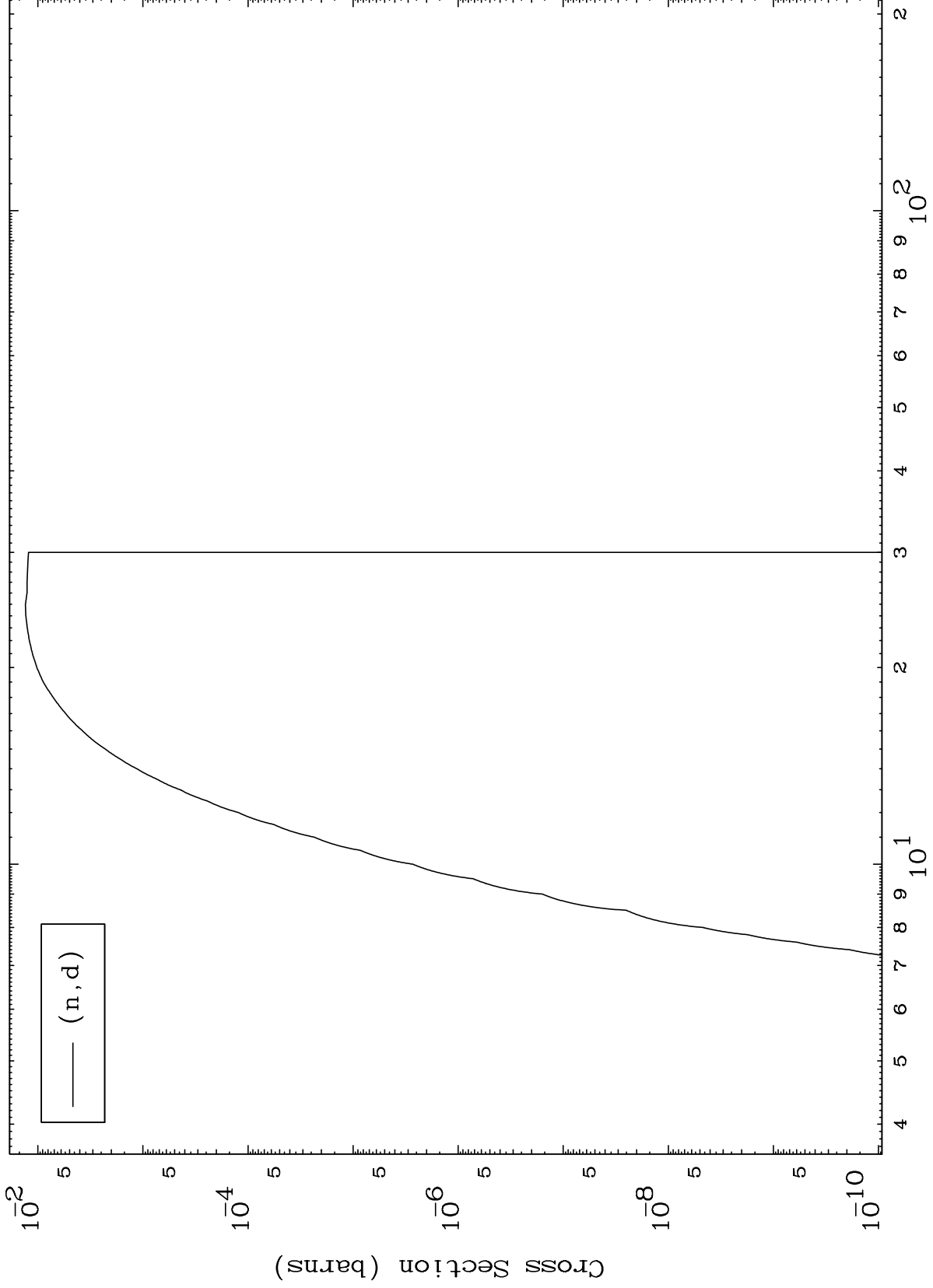
Incident Energy (MeV)

61-Pm-148

MAT 6152

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-148



13

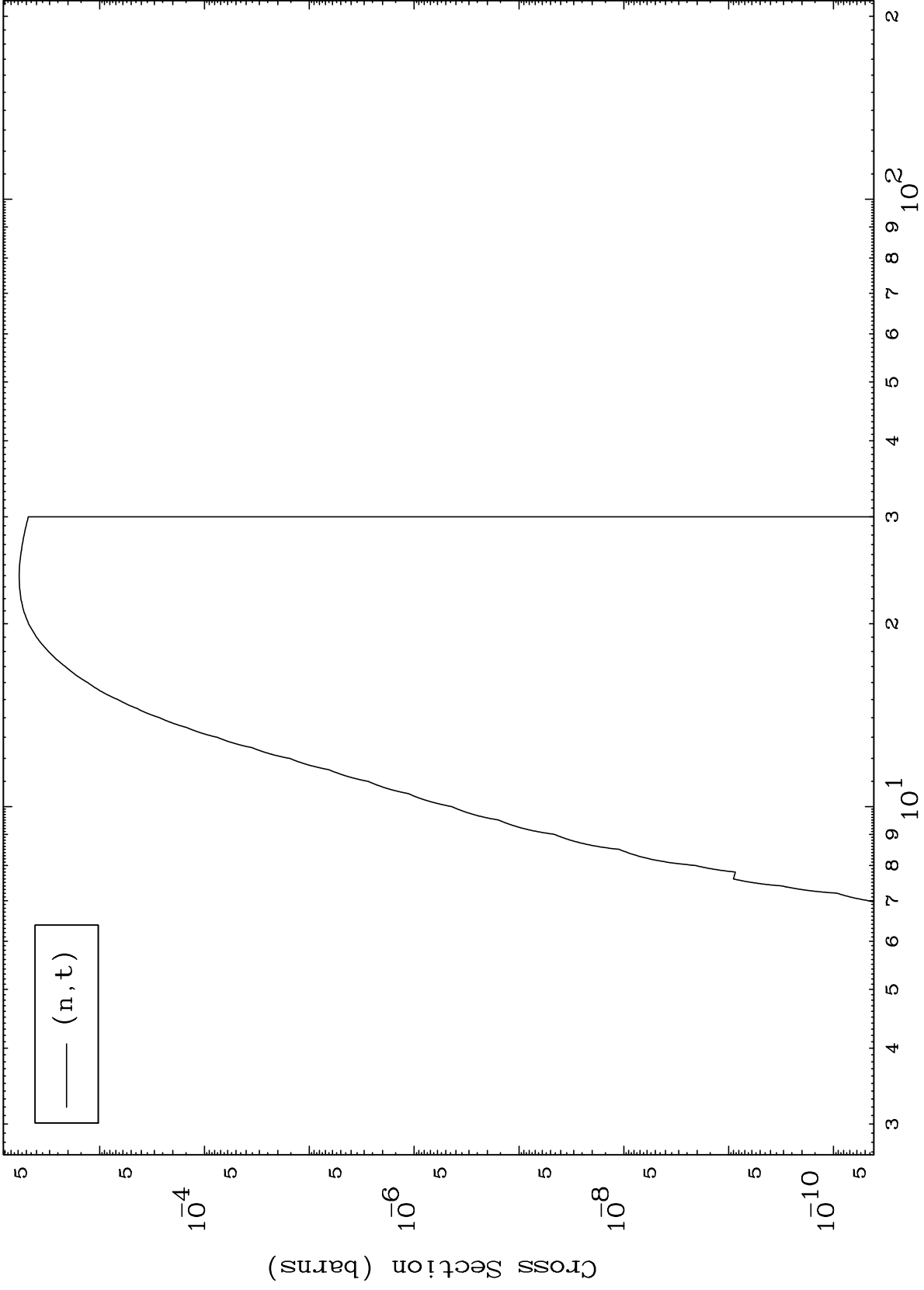
Incident Energy (MeV)

61-Pm-148

MAT 6152

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-148



14

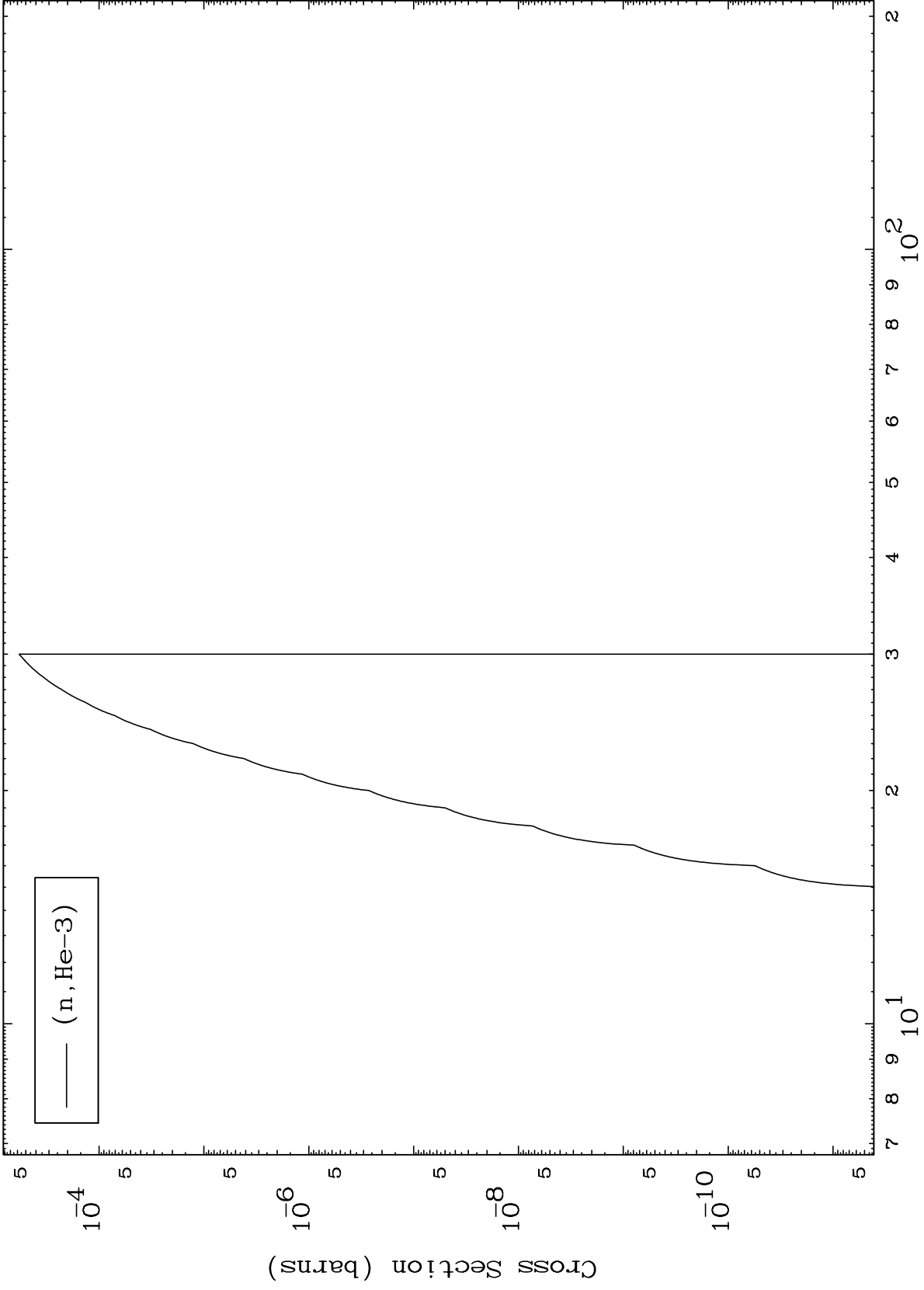
Incident Energy (MeV)

61-Pm-148

MAT 6152

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-148



15

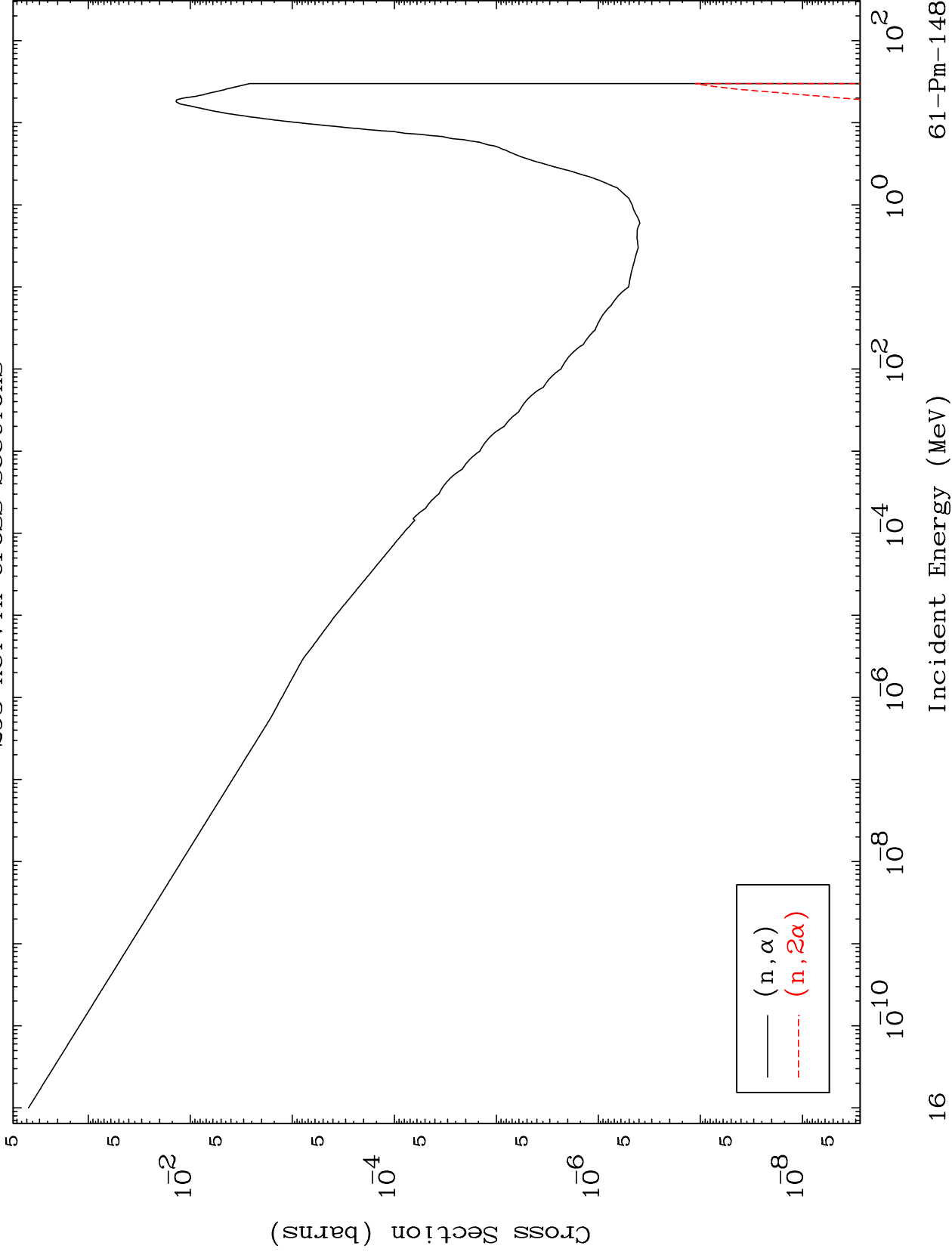
Incident Energy (MeV)

61-Pm-148

MAT 6152

(n,α) Levels
293 Kelvin Cross Sections

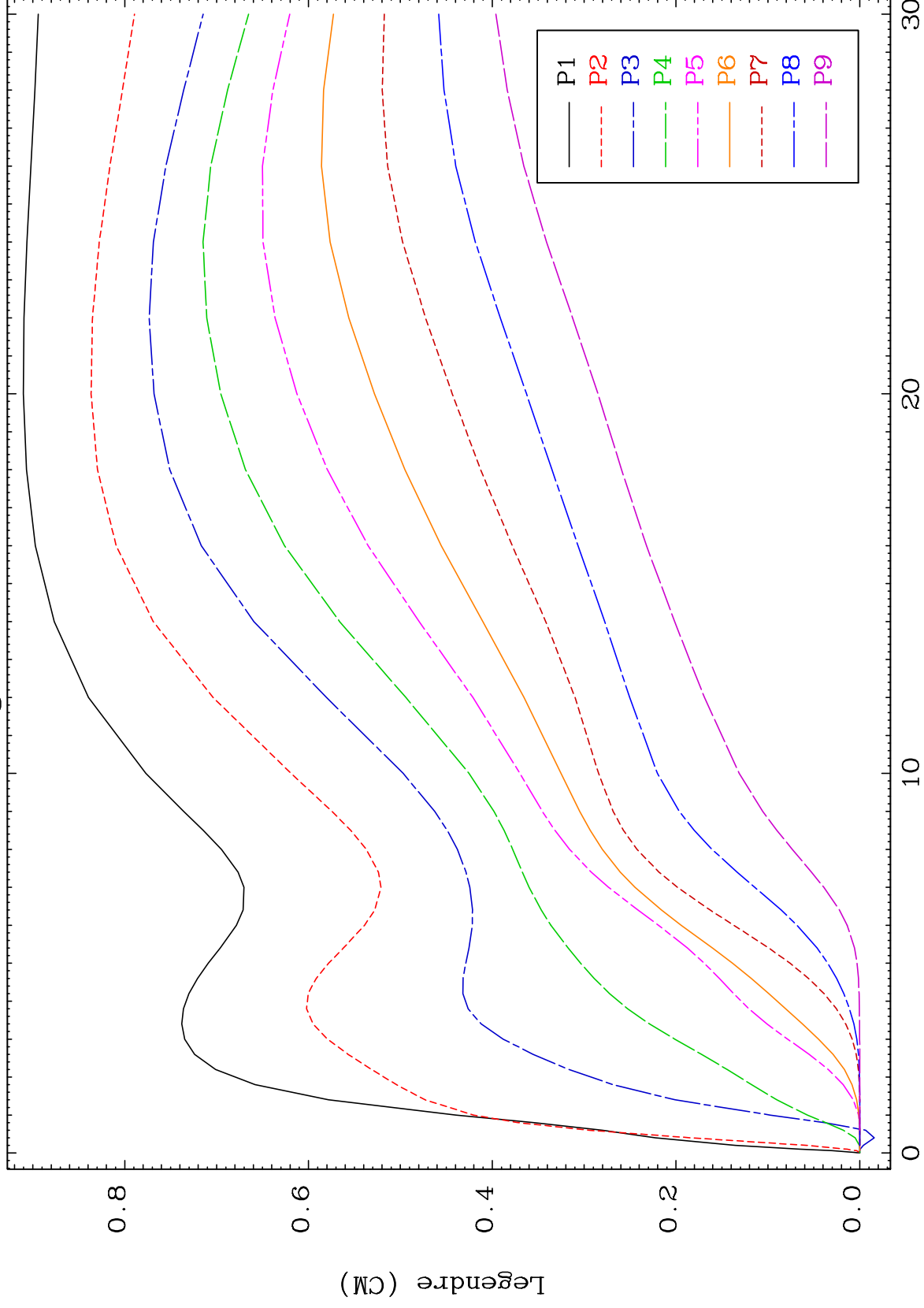
61-Pm-148



MAT 6152

Elastic Legendre Coefficients

61-Pm-148



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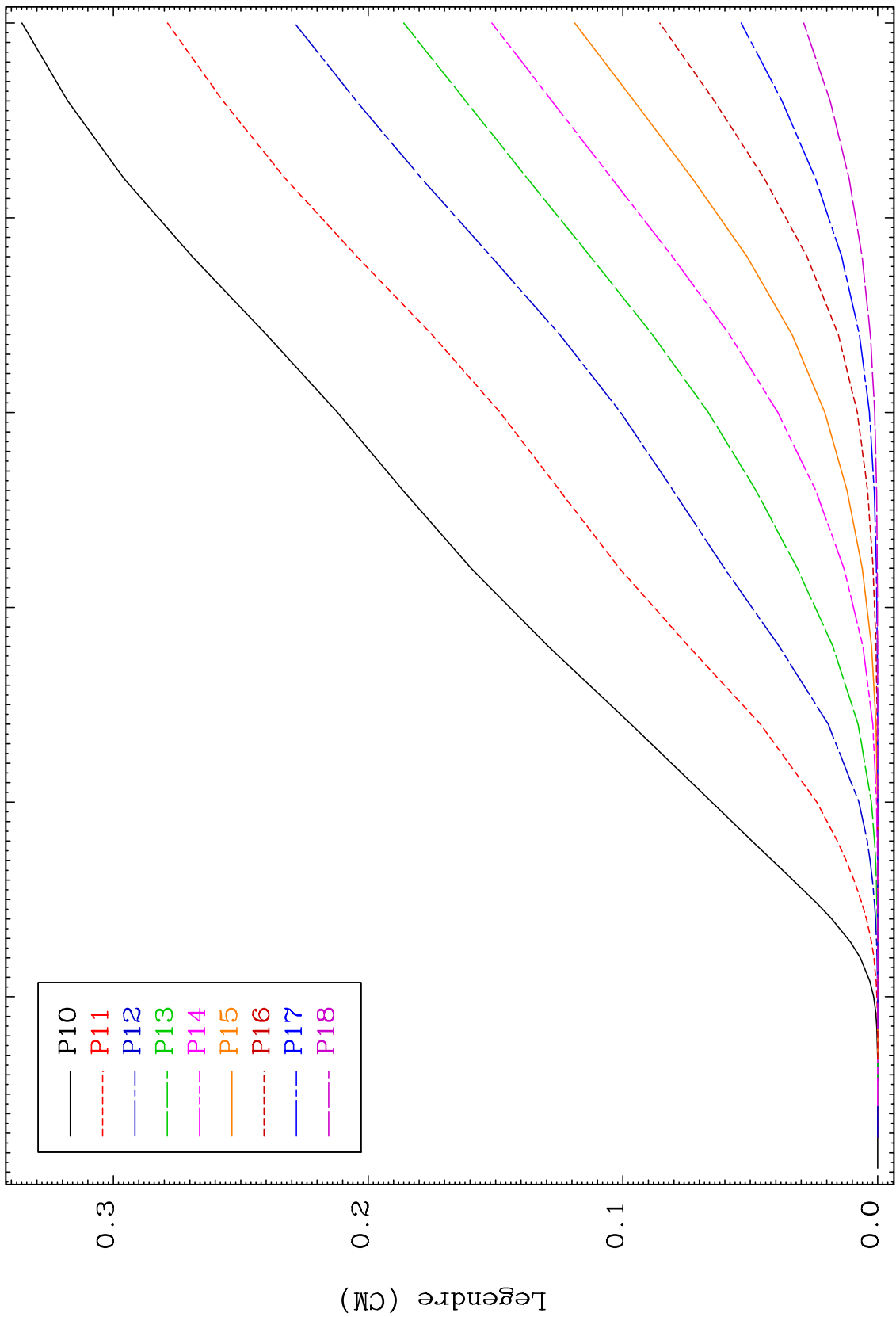
Incident Energy (MeV)

61-Pm-148

MAT 6152

Elastic Legendre Coefficients

61-Pm-148



18

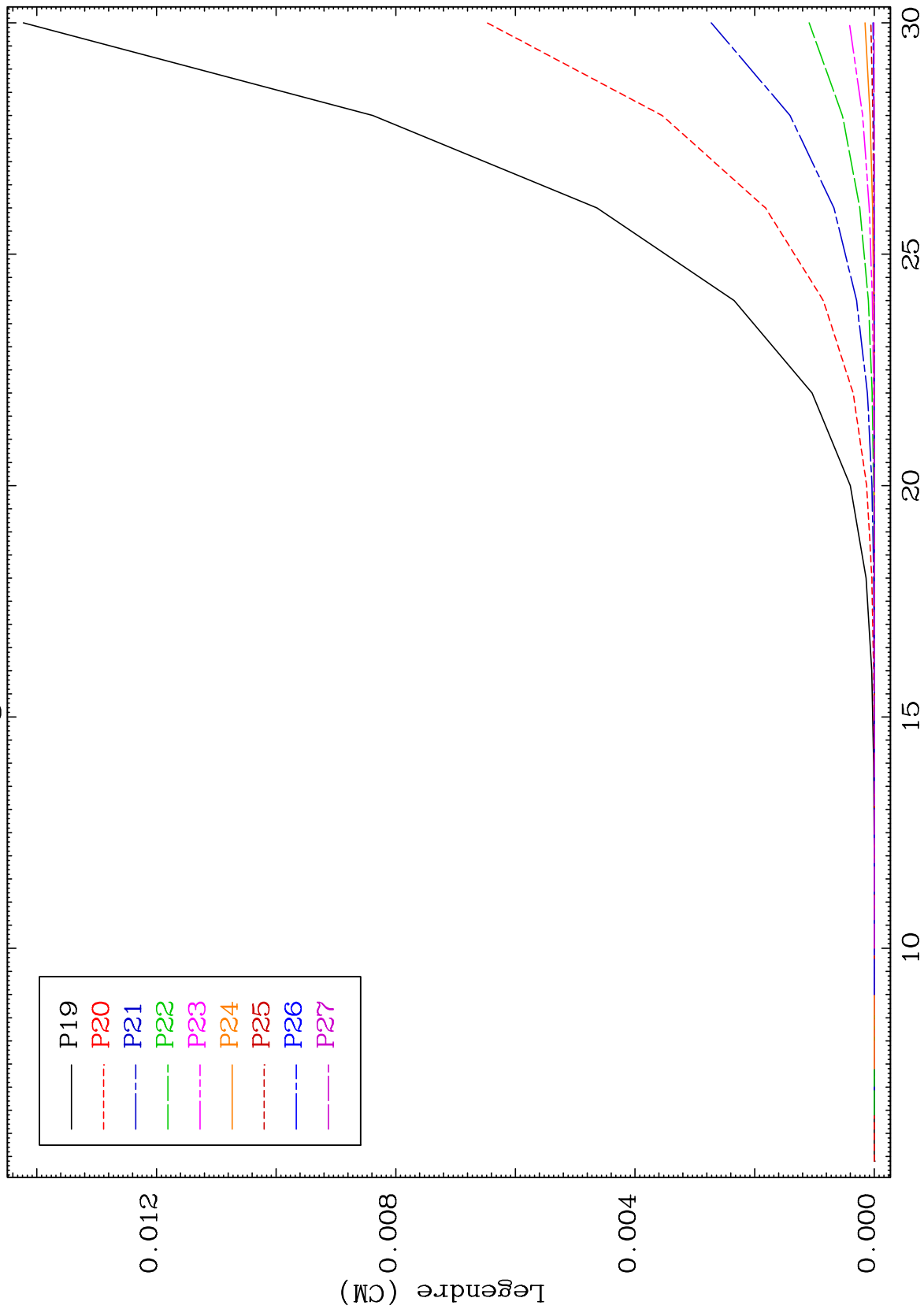
Incident Energy (MeV)

61-Pm-148

MAT 6152

Elastic Legendre Coefficients

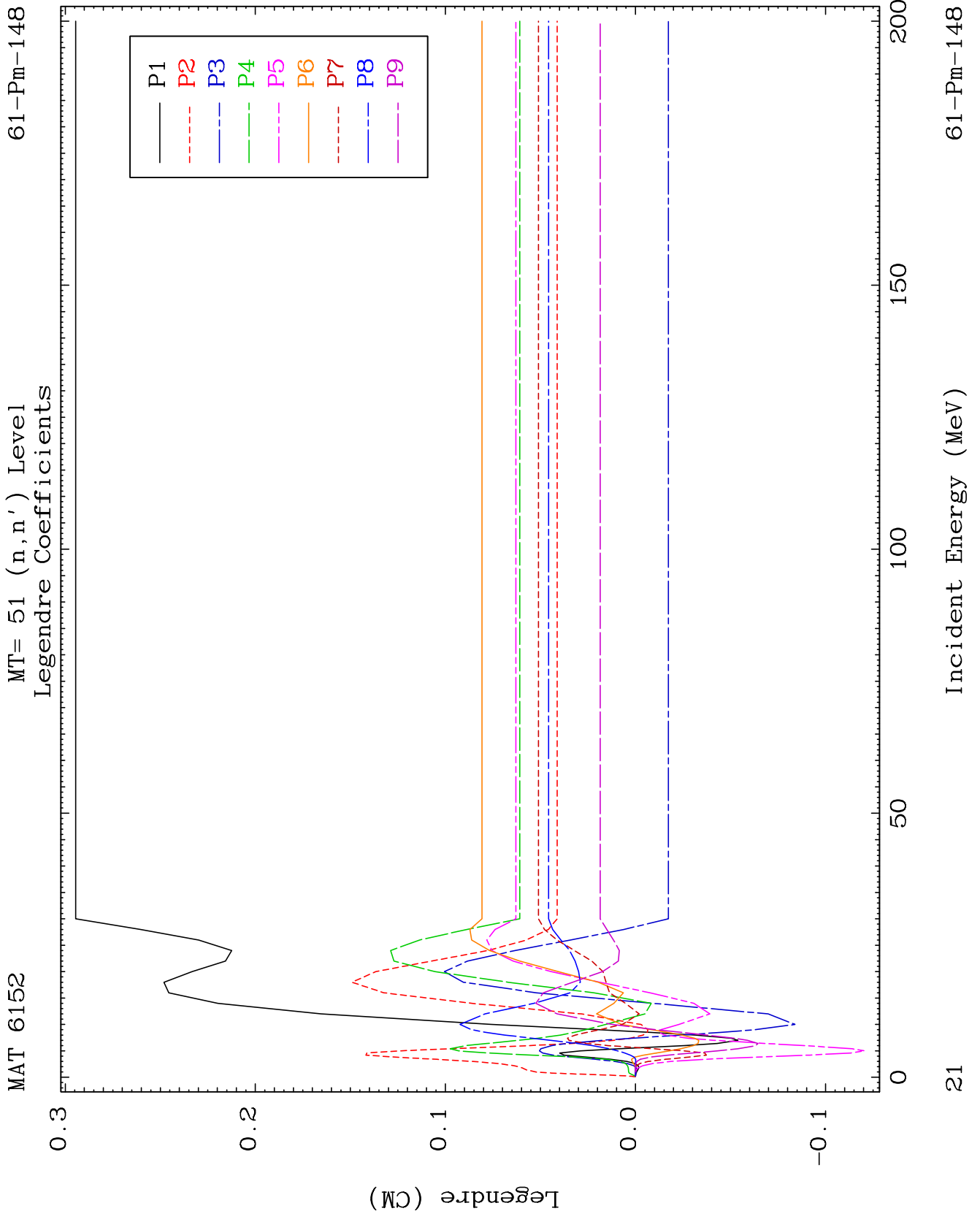
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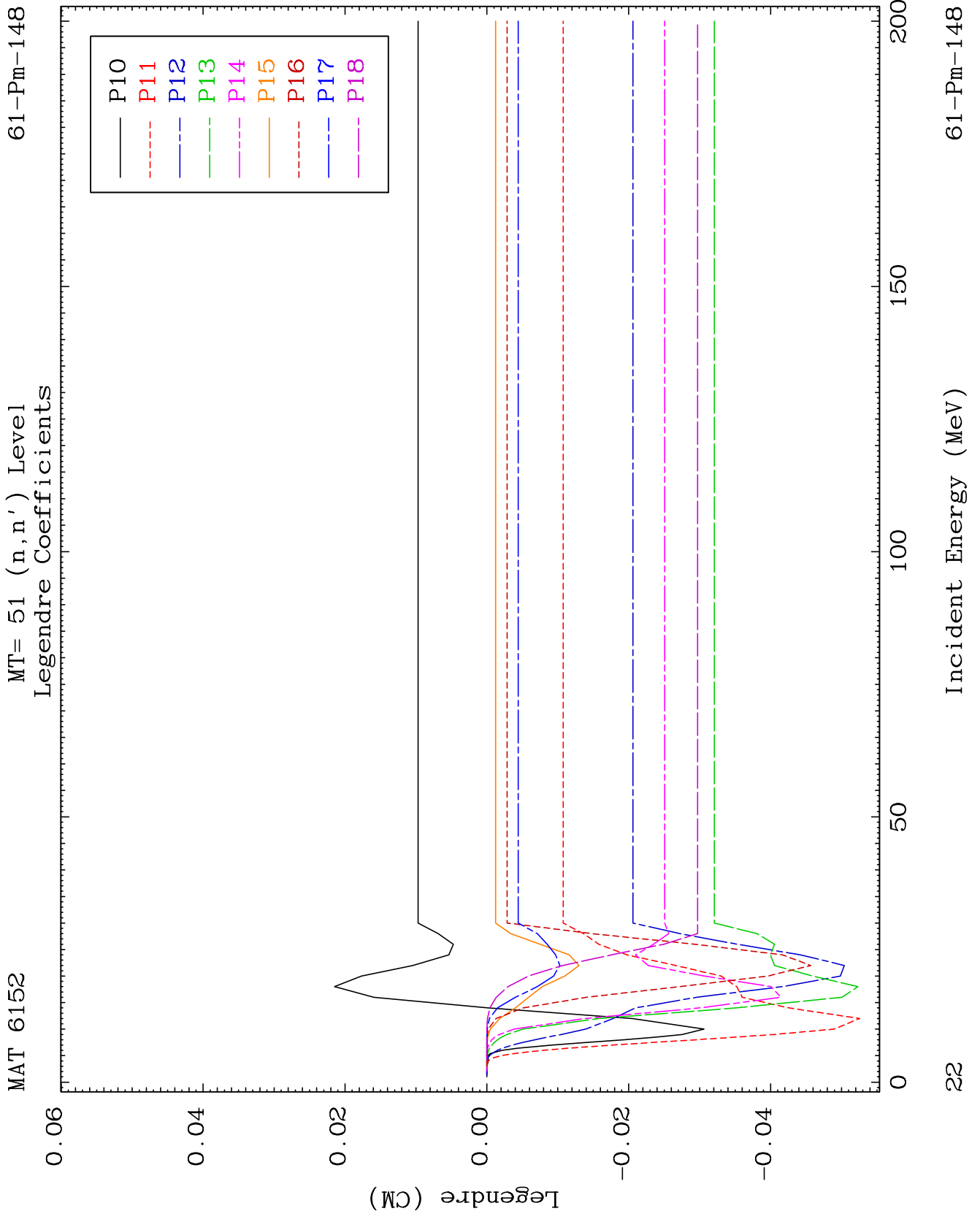


19

Incident Energy (MeV)

61-Pm-148

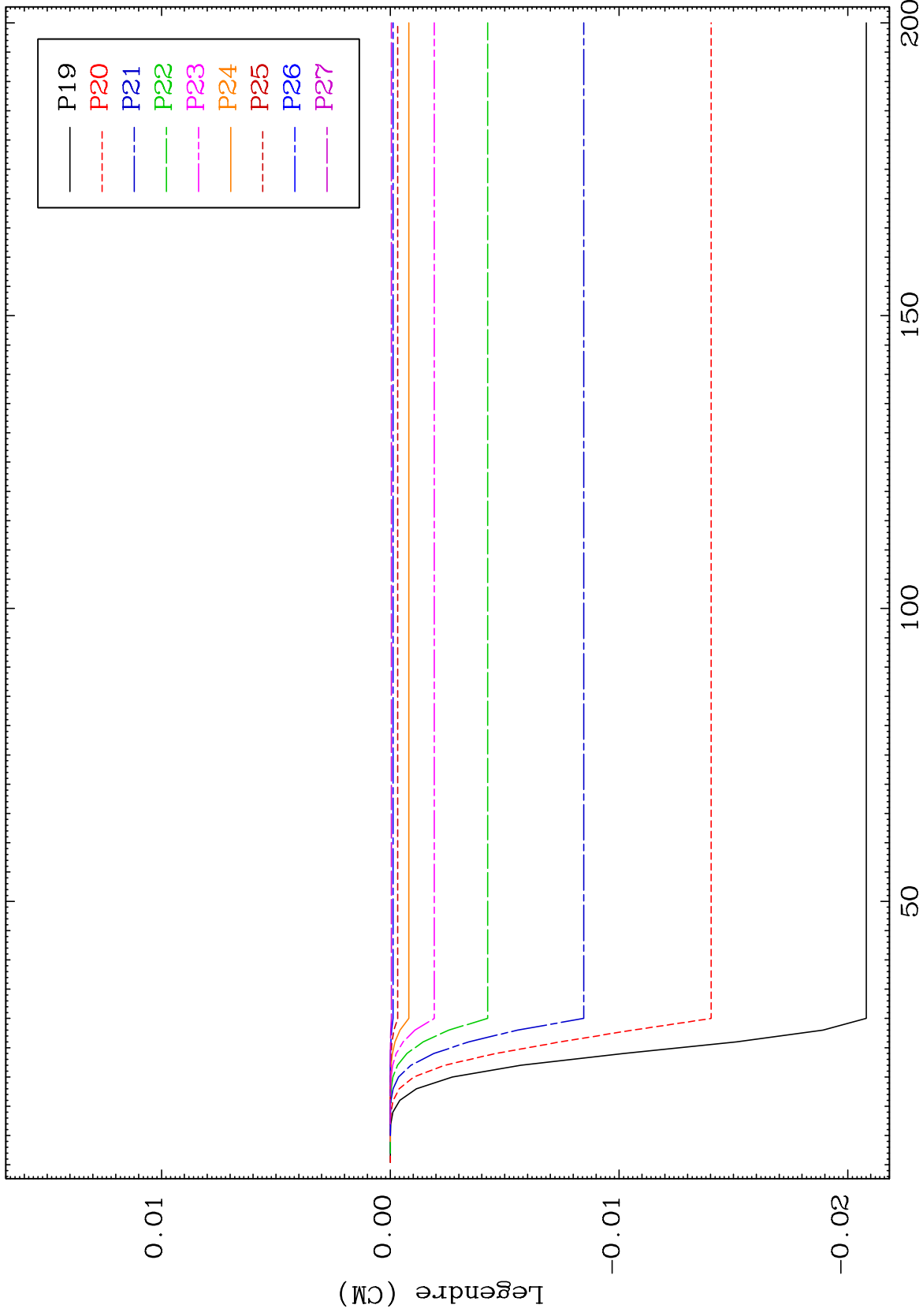




MAT 6152

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

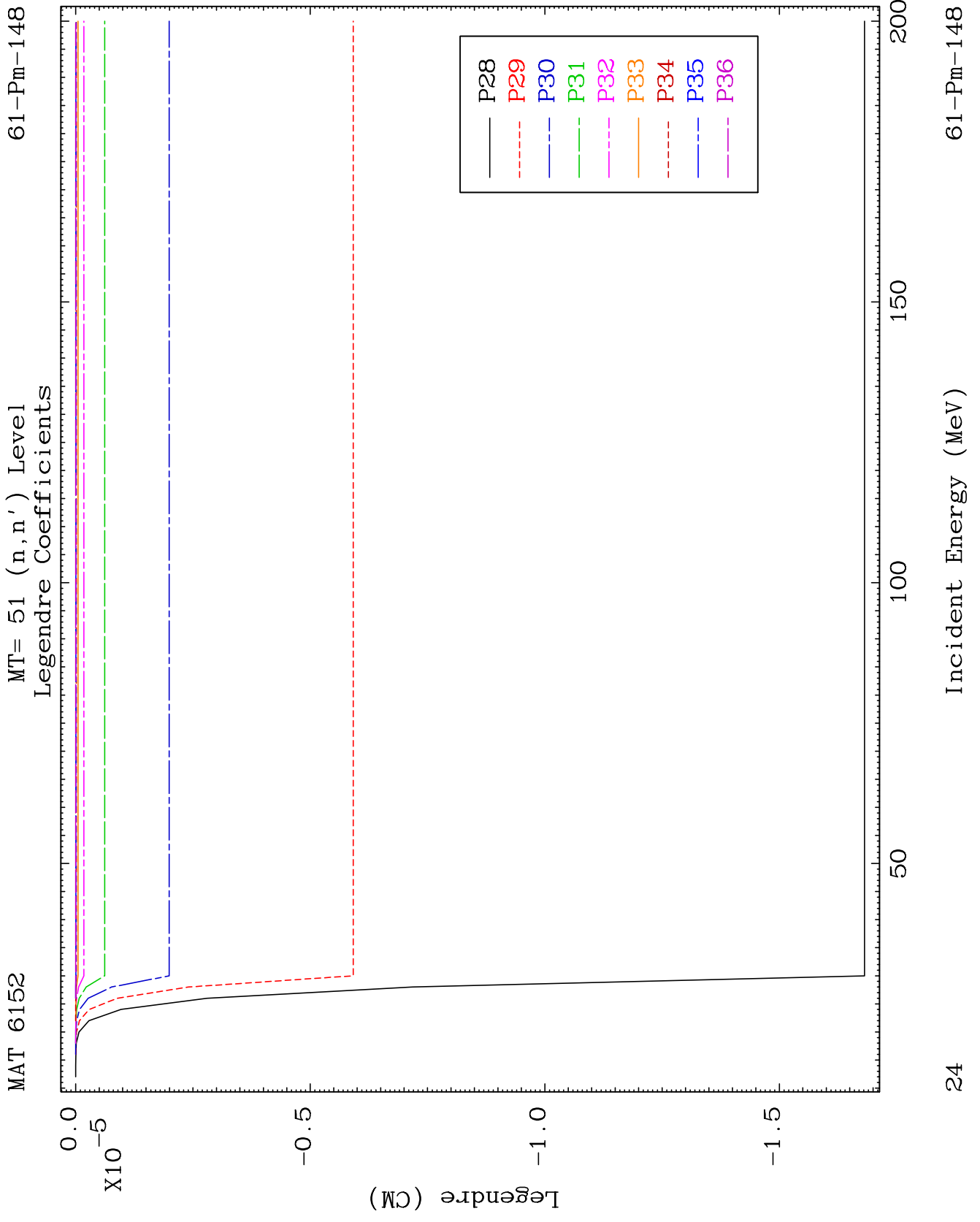
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23

Incident Energy (MeV)

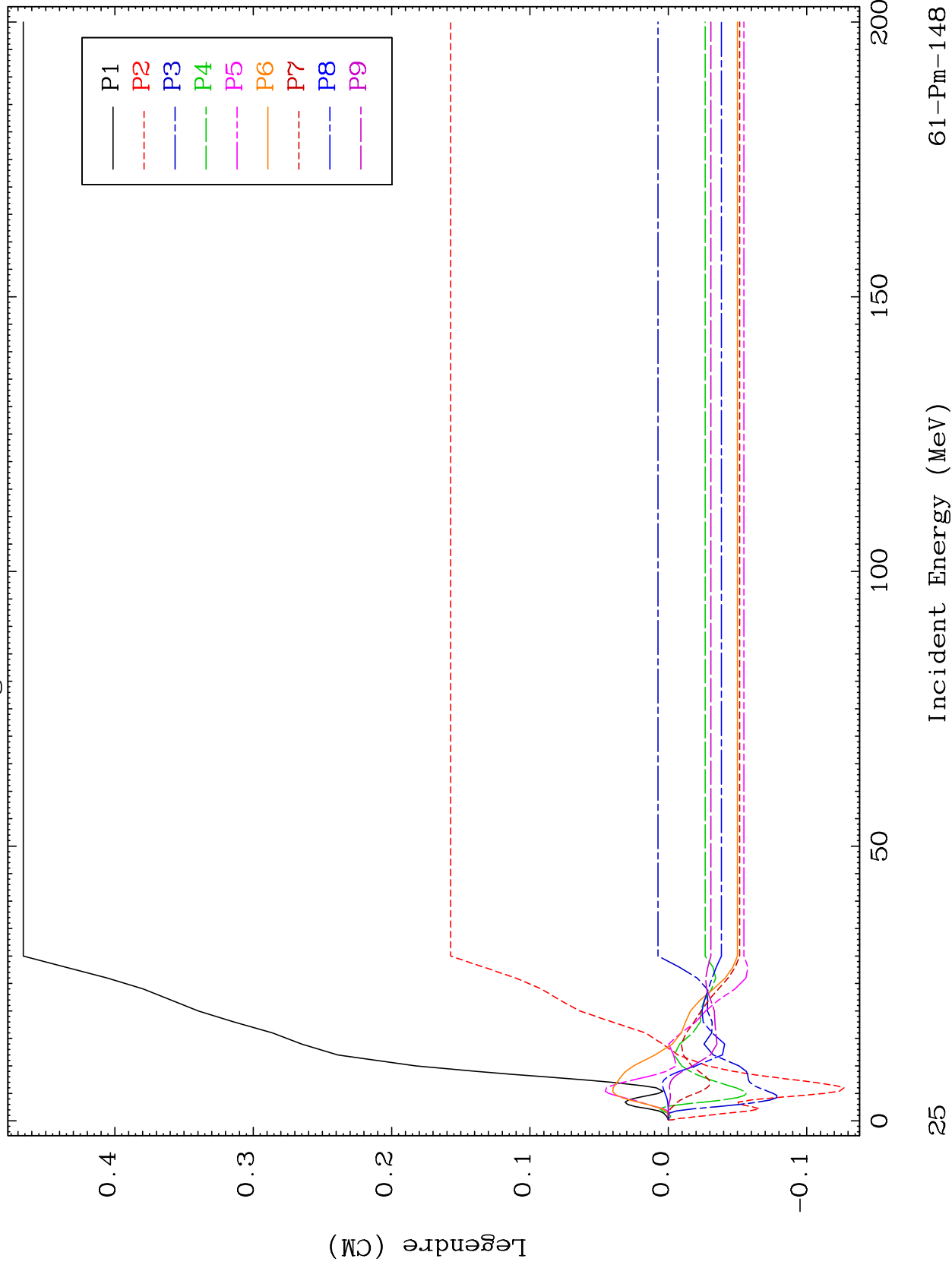
61-Pm-148



MAT 6152

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

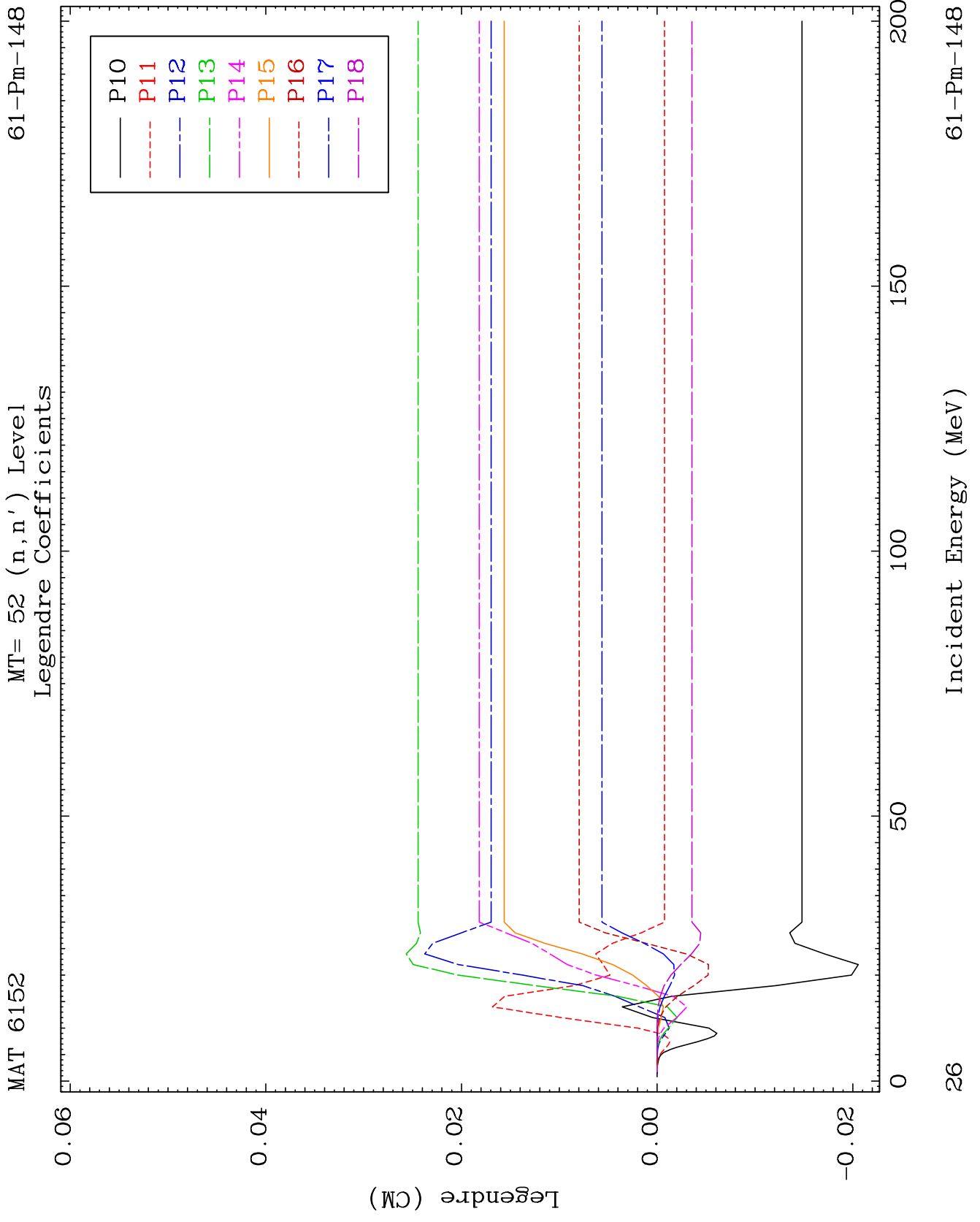
61-Pm-148



61-Pm-148

Incident Energy (MeV)

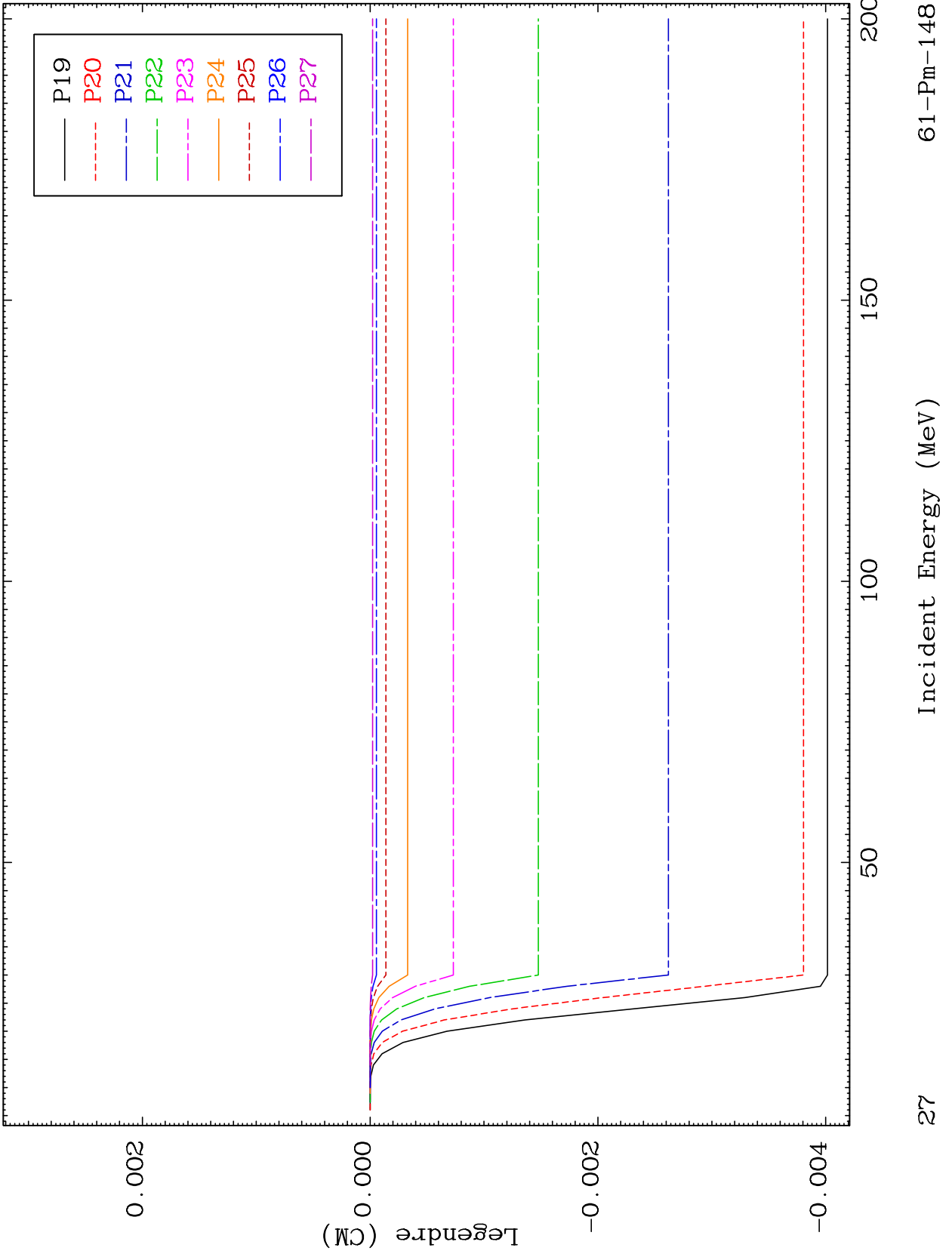
25



MAT 6152

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

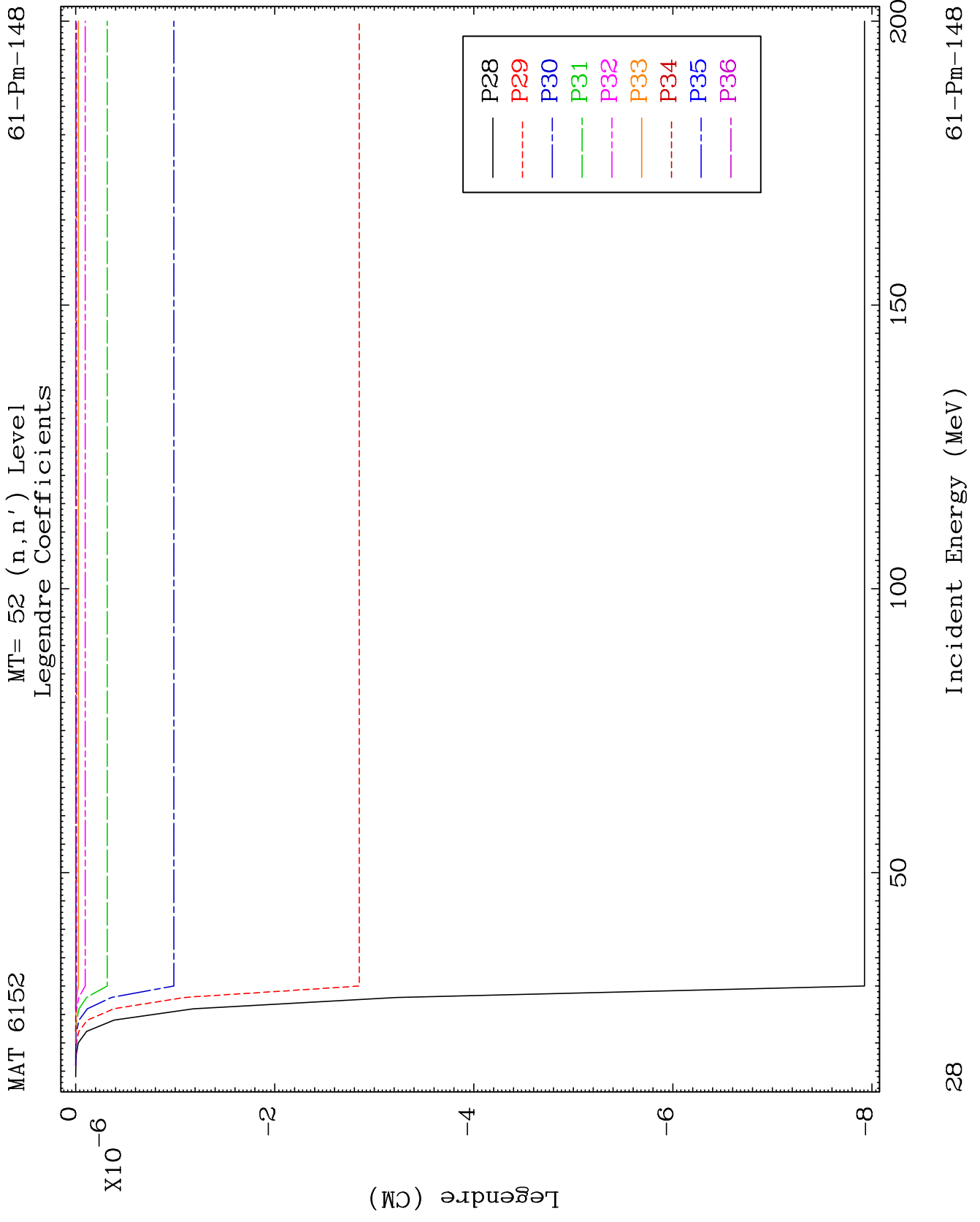
61-Pm-148



27

Incident Energy (MeV)

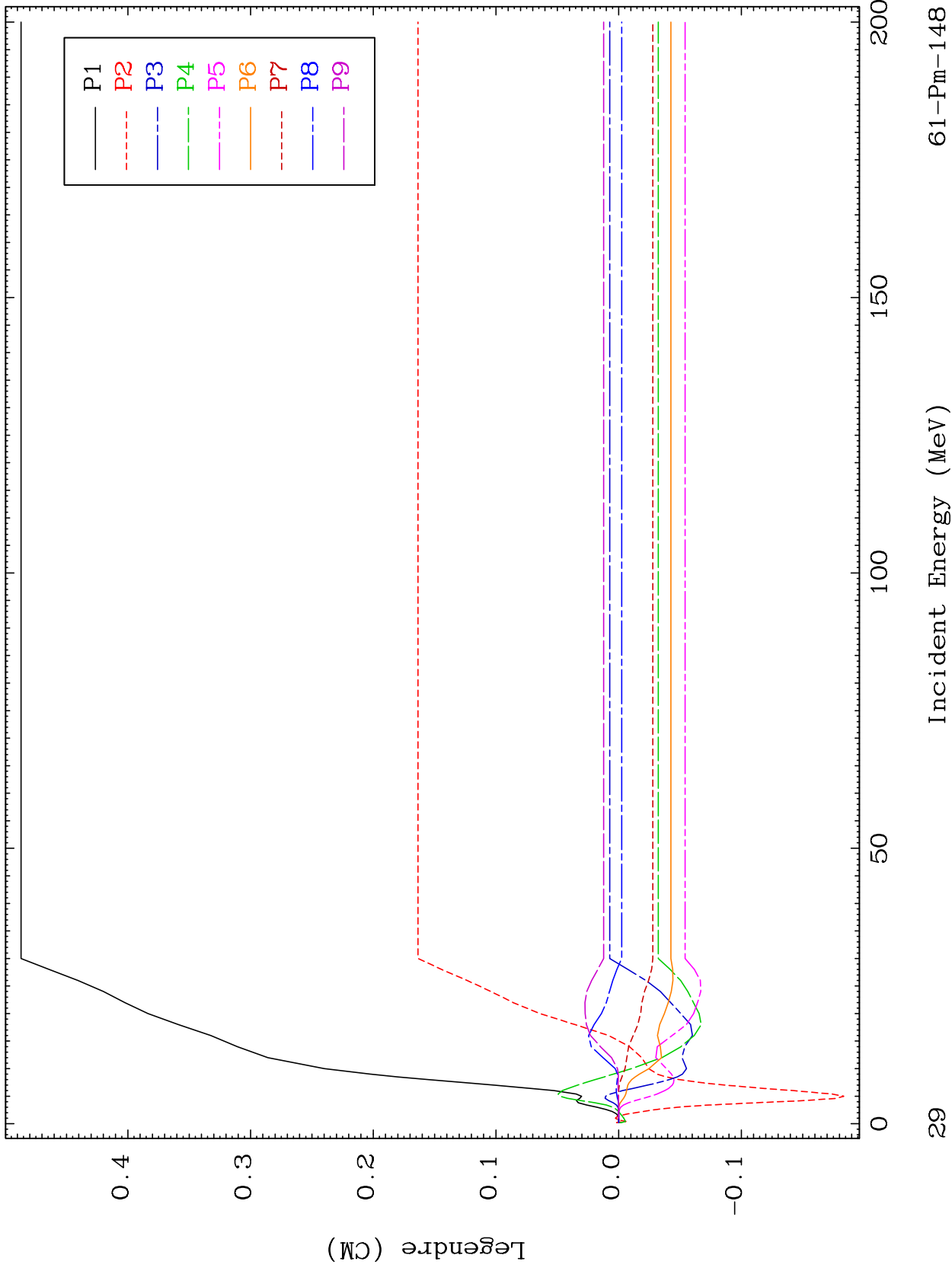
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MAT 6152

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

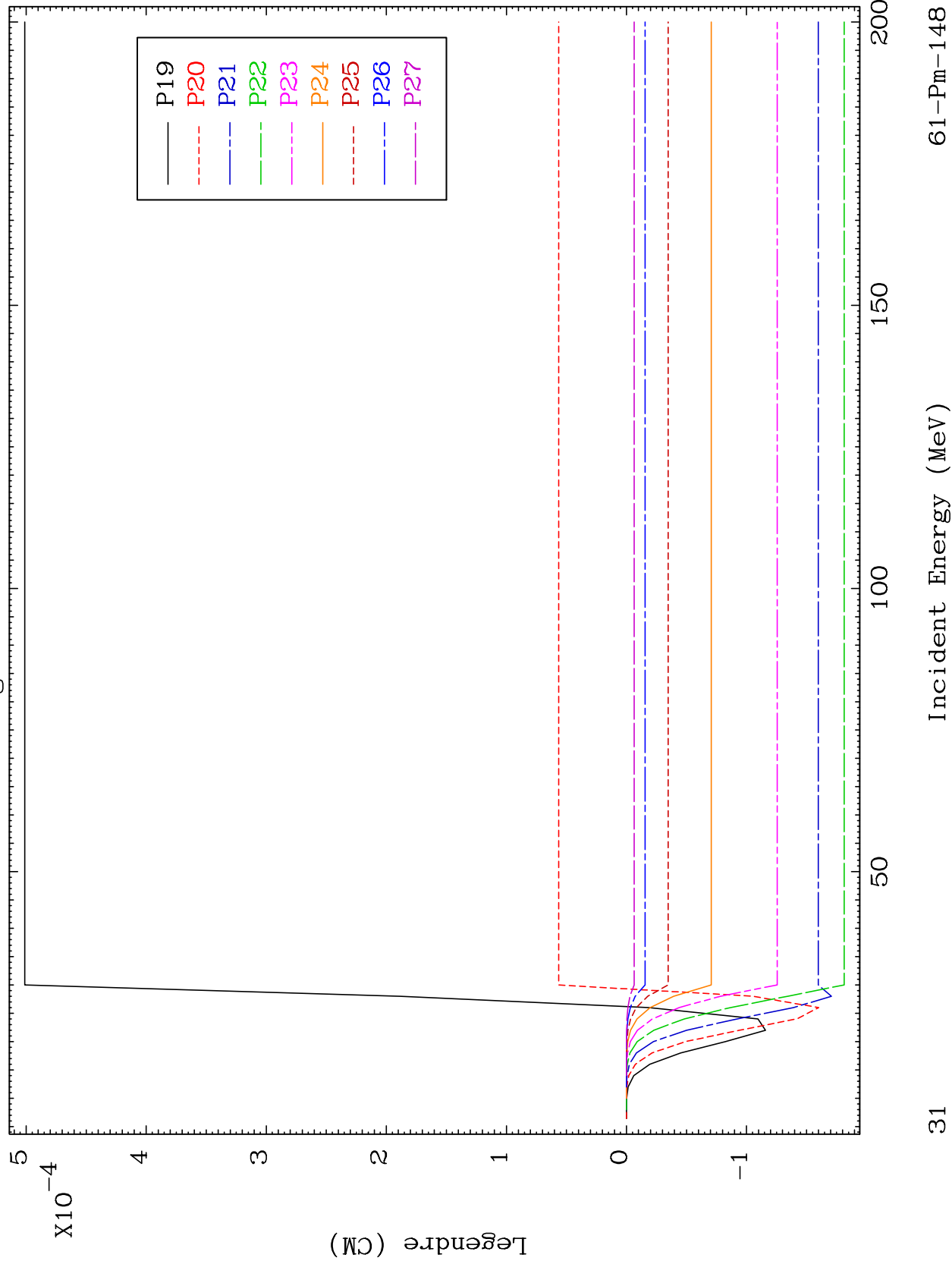
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61-Pm-148

Incident Energy (MeV)

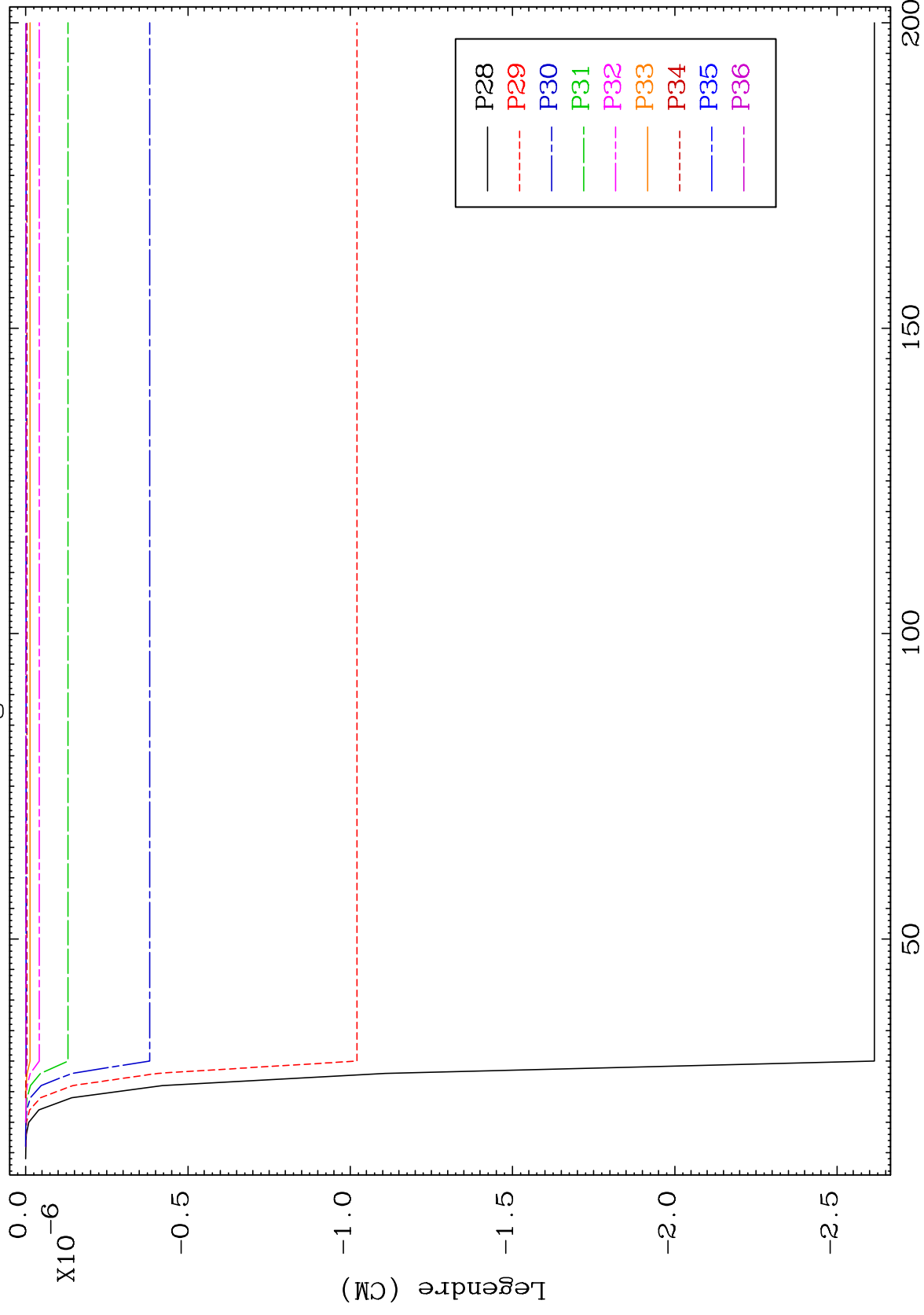
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MAT 6152

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

61-Pm-148



32

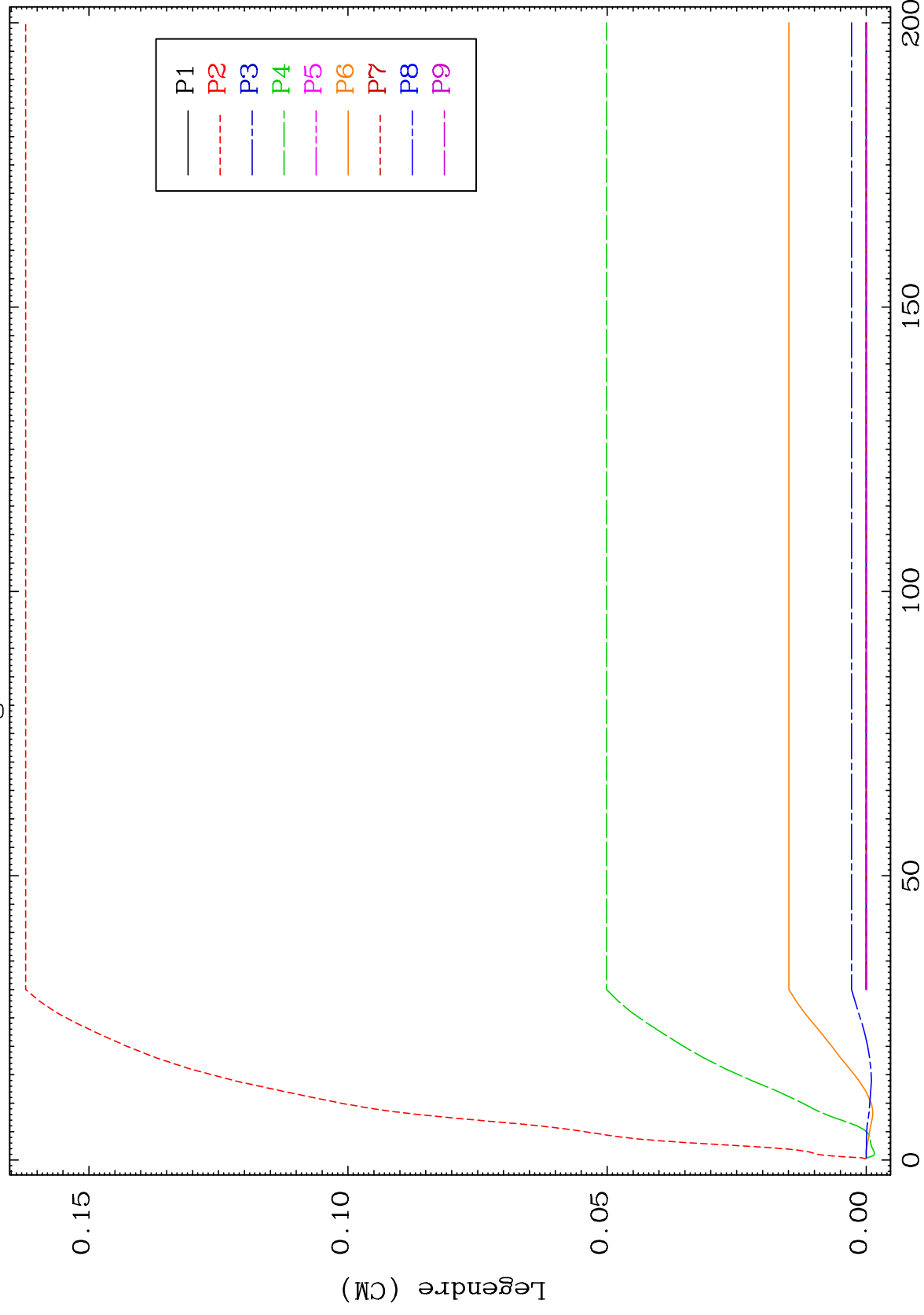
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



33

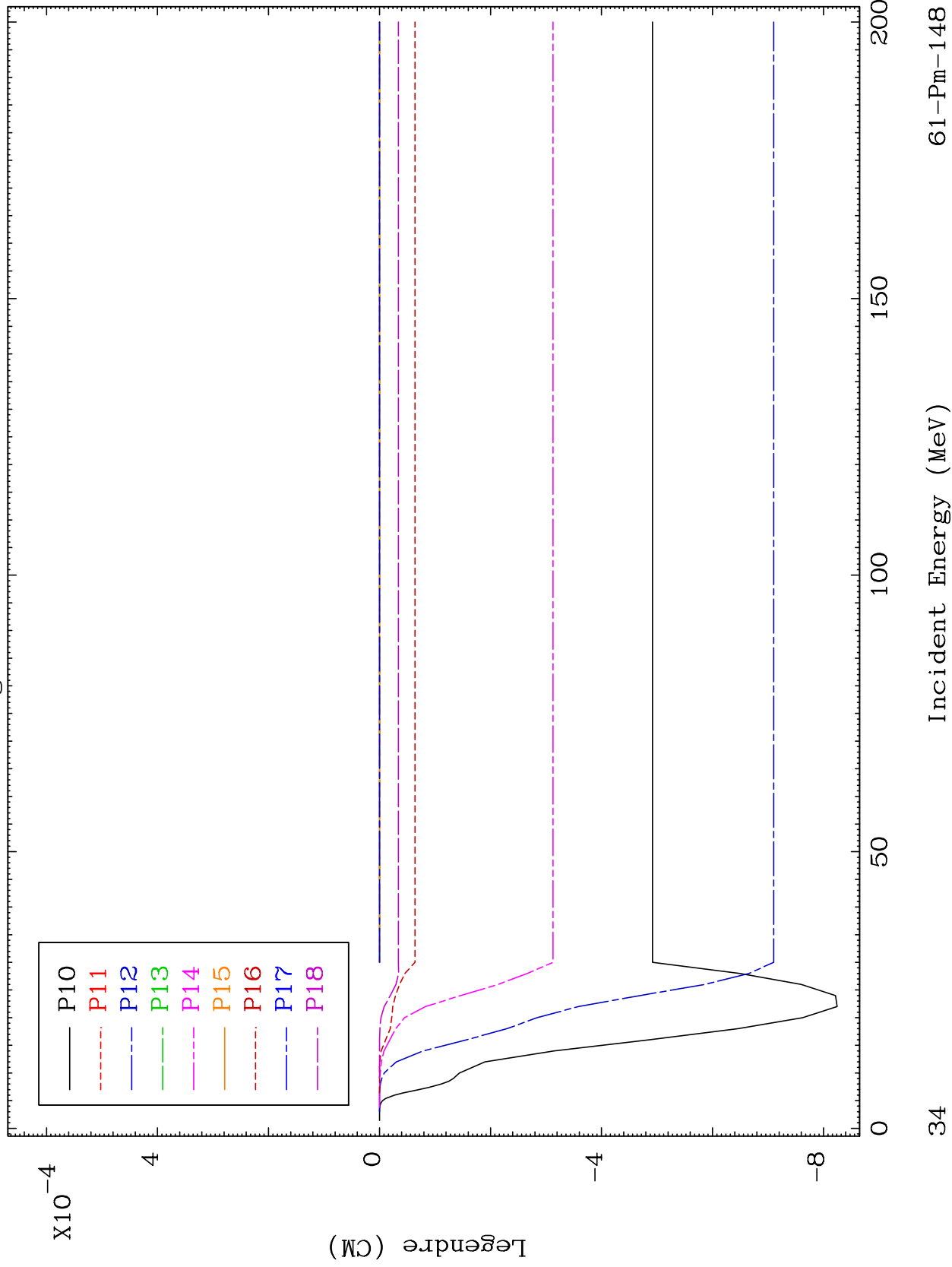
Incident Energy (MeV)

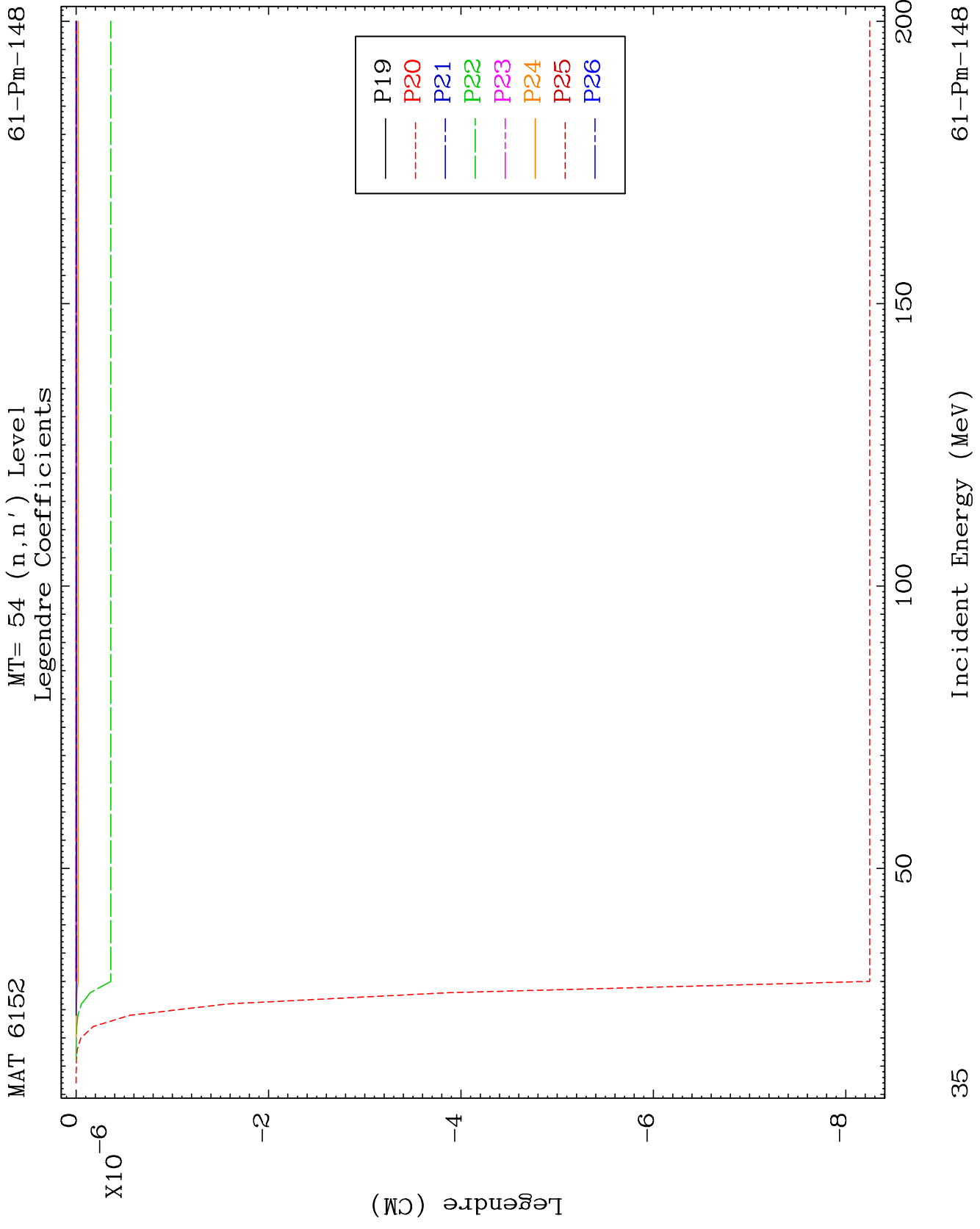
61-Pm-148

MAT 6152

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

61-Pm-148

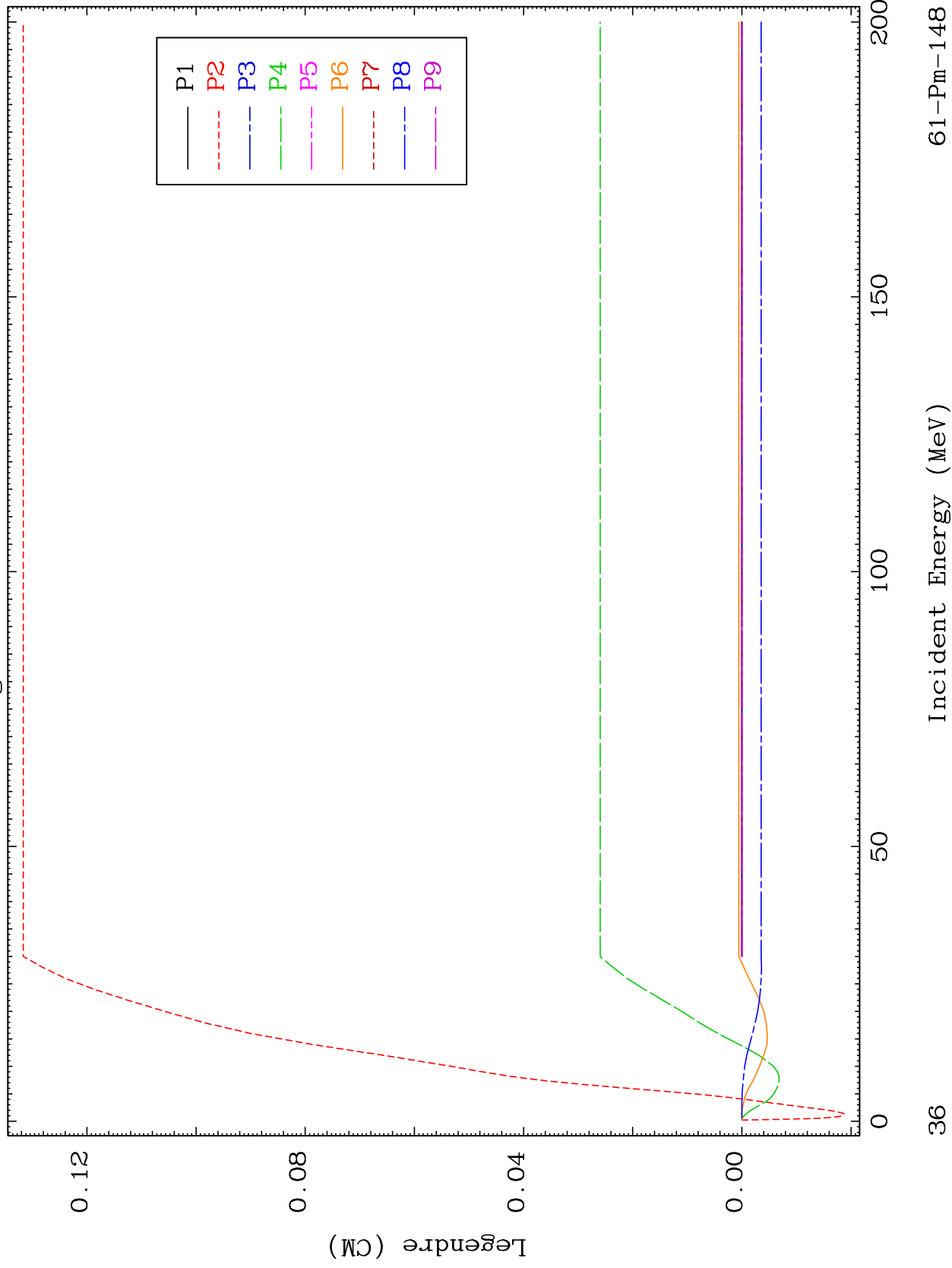




MAT 6152

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

61-Pm-148



61-Pm-148

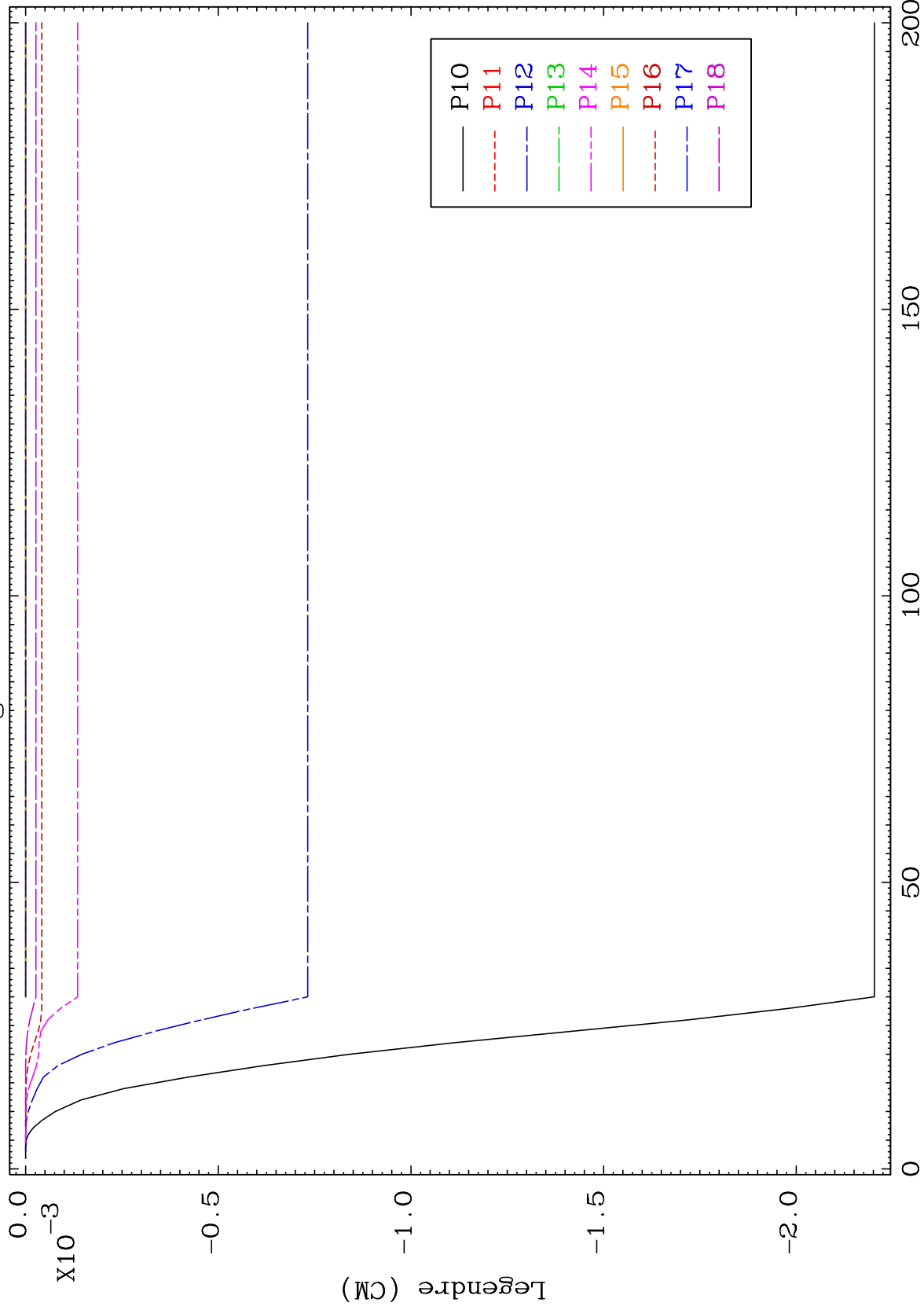
Incident Energy (MeV)

36

MAT 6152

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

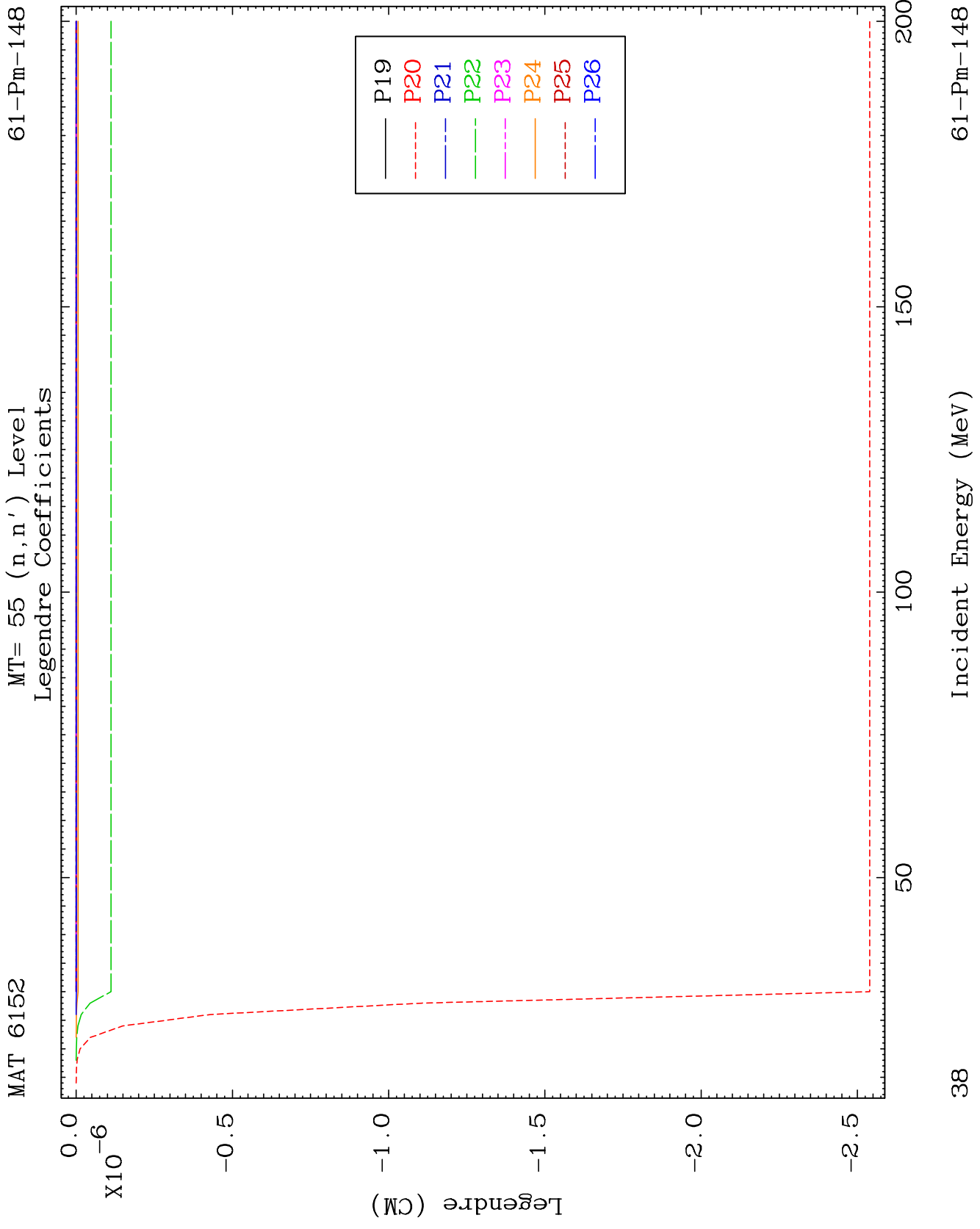
61-Pm-148



37

Incident Energy (MeV)

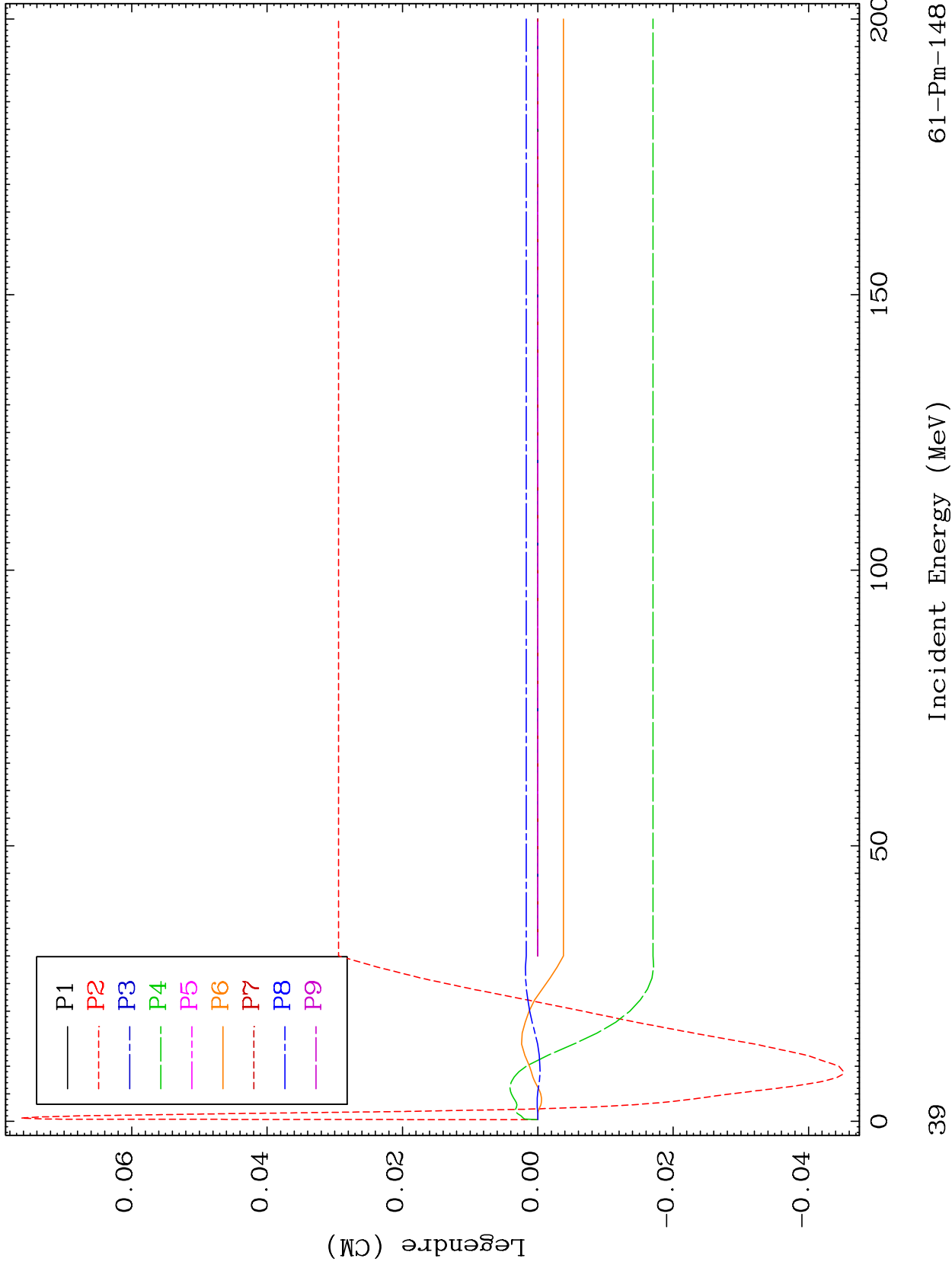
61-Pm-148



MAT 6152

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

61-Pm-148



39

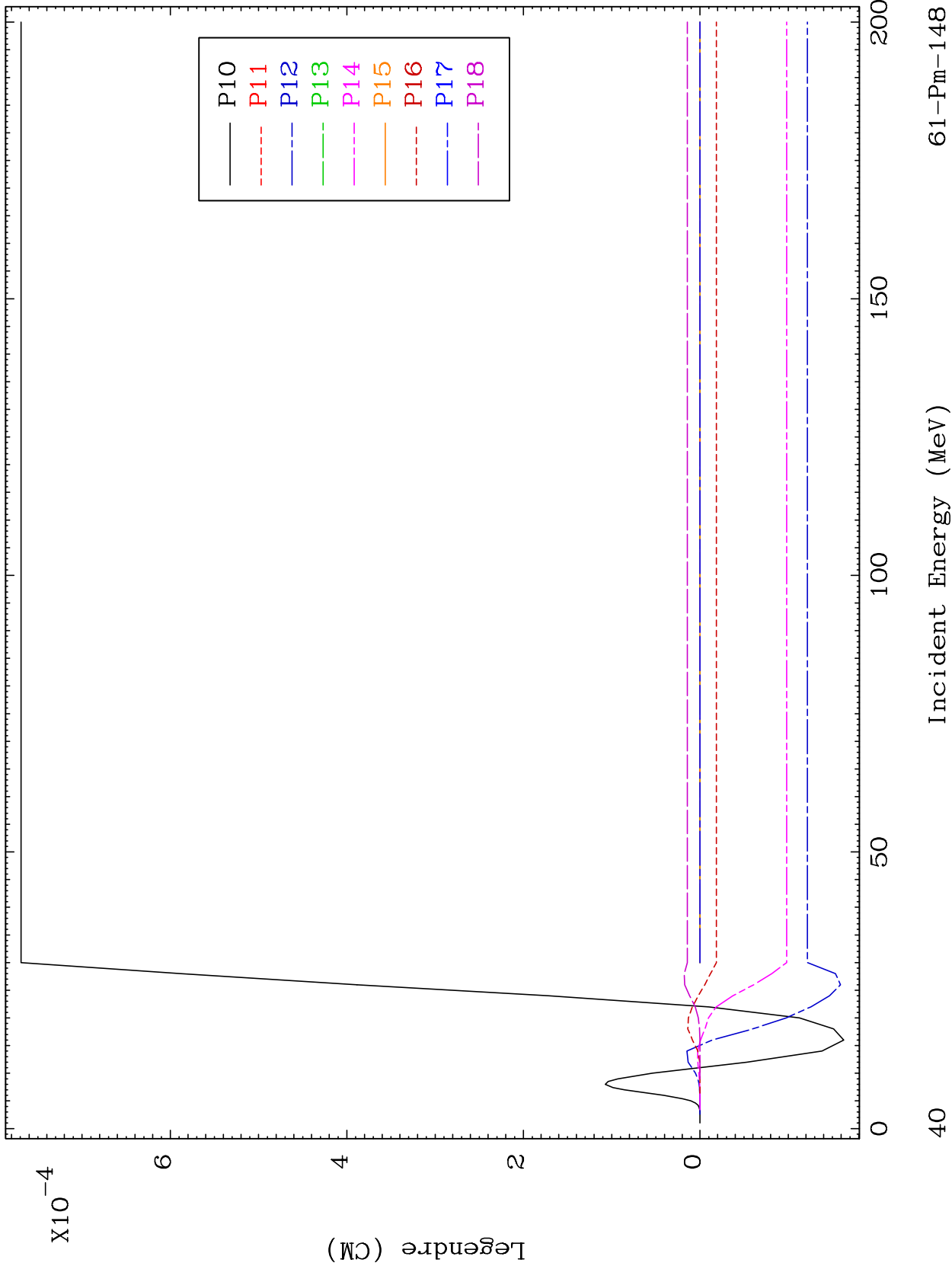
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

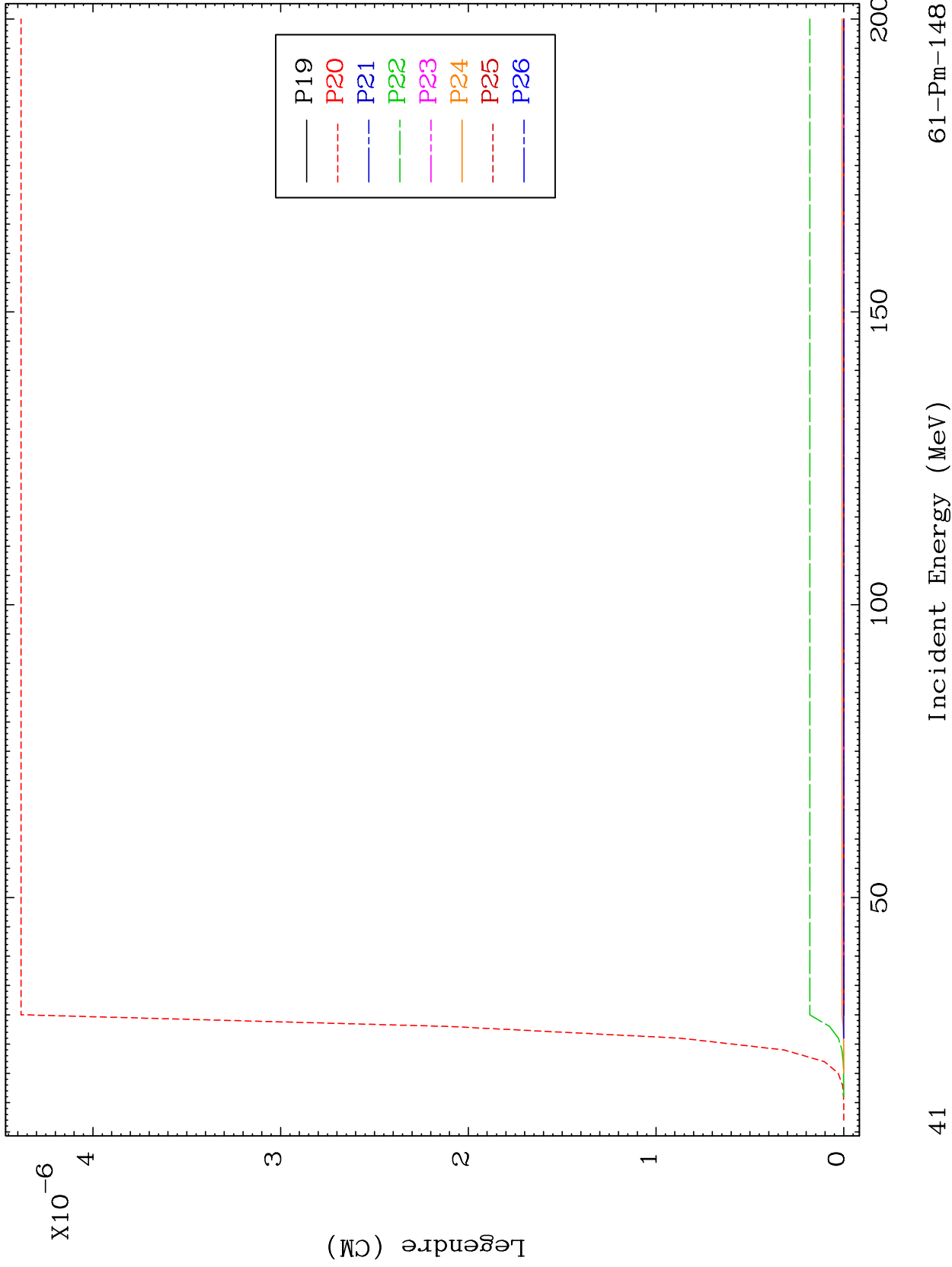
61-Pm-148



MAT 6152

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

61-Pm-148



41

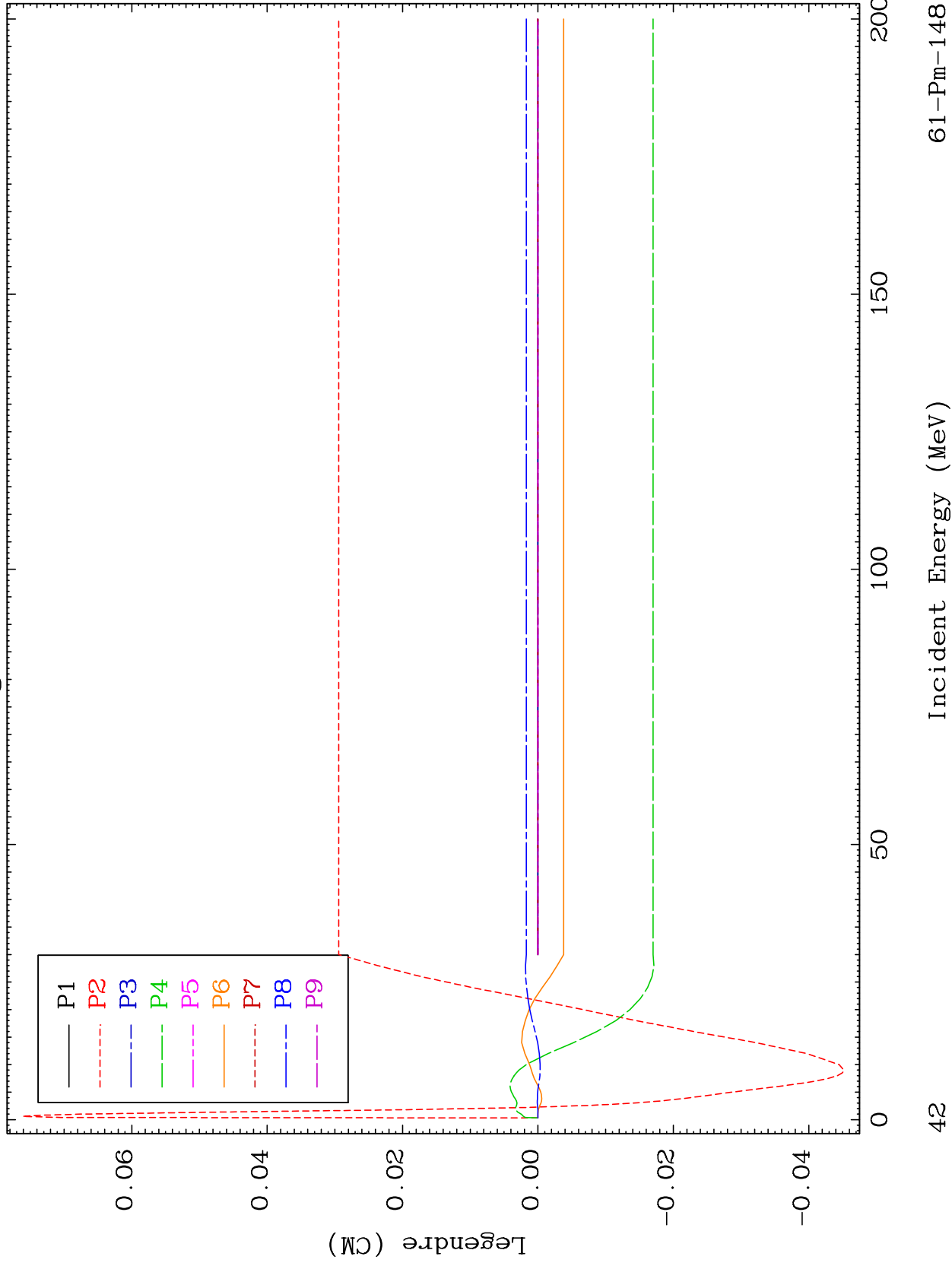
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148

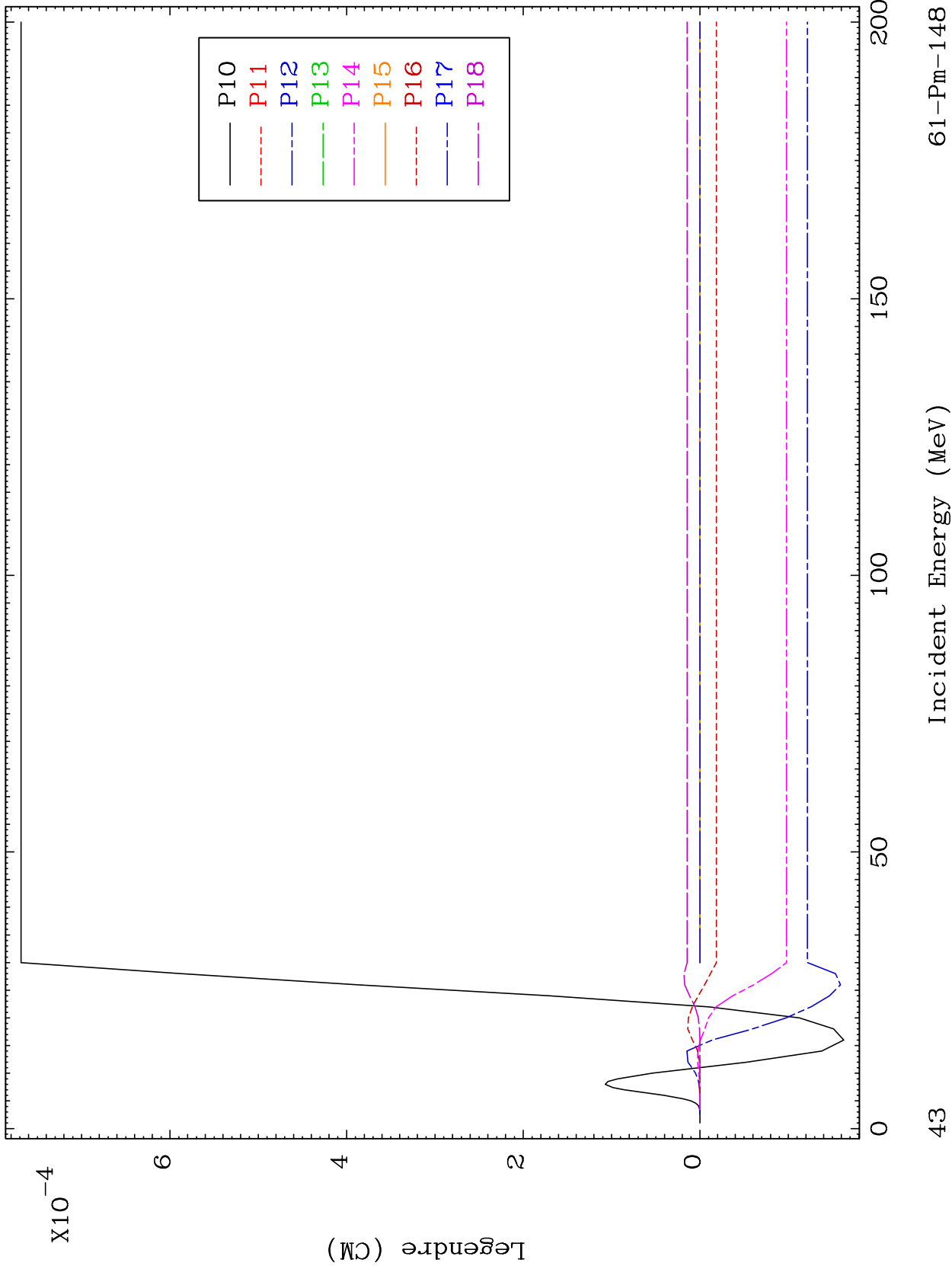


42

MAT 6152

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

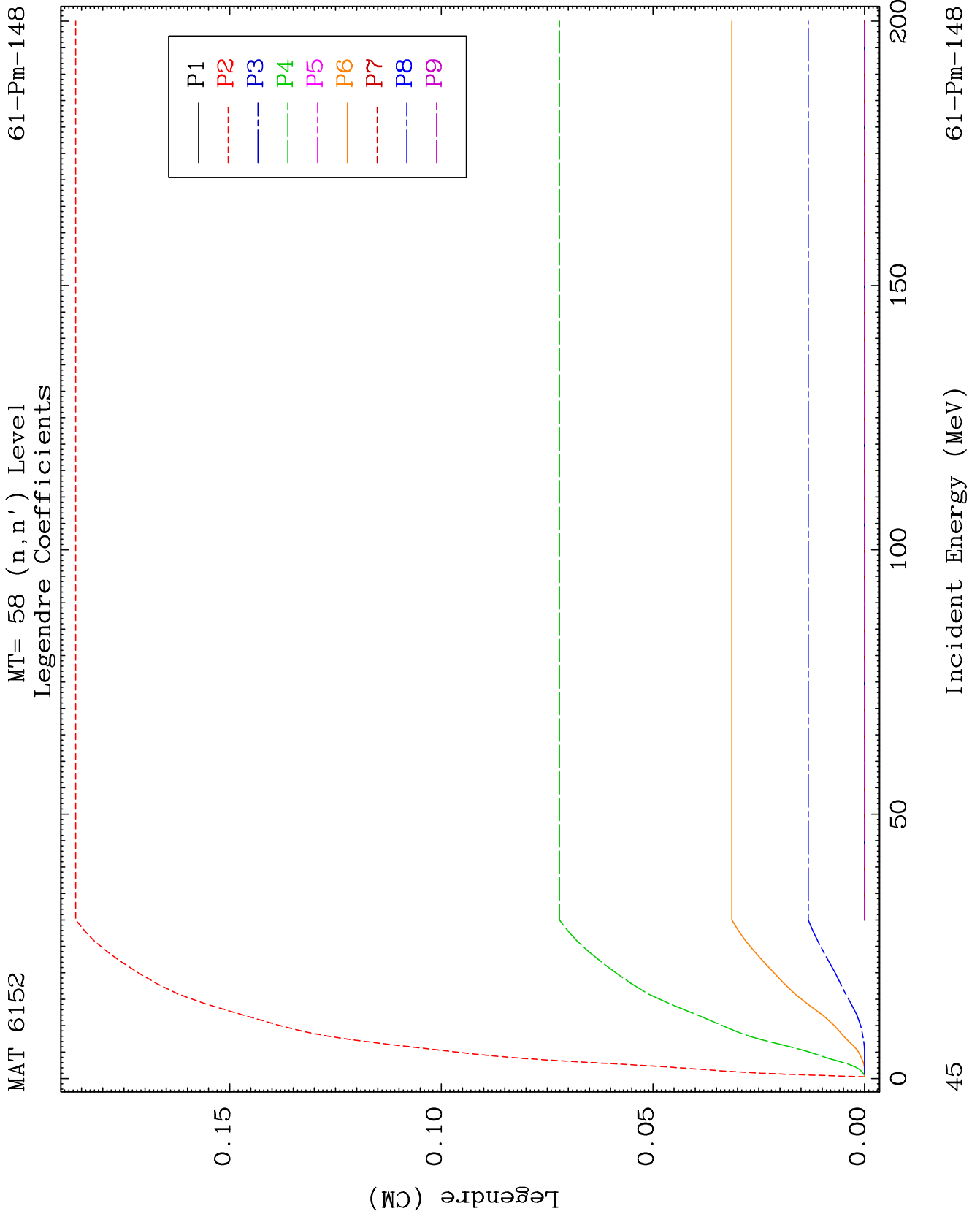
61-Pm-148



43

Incident Energy (MeV)

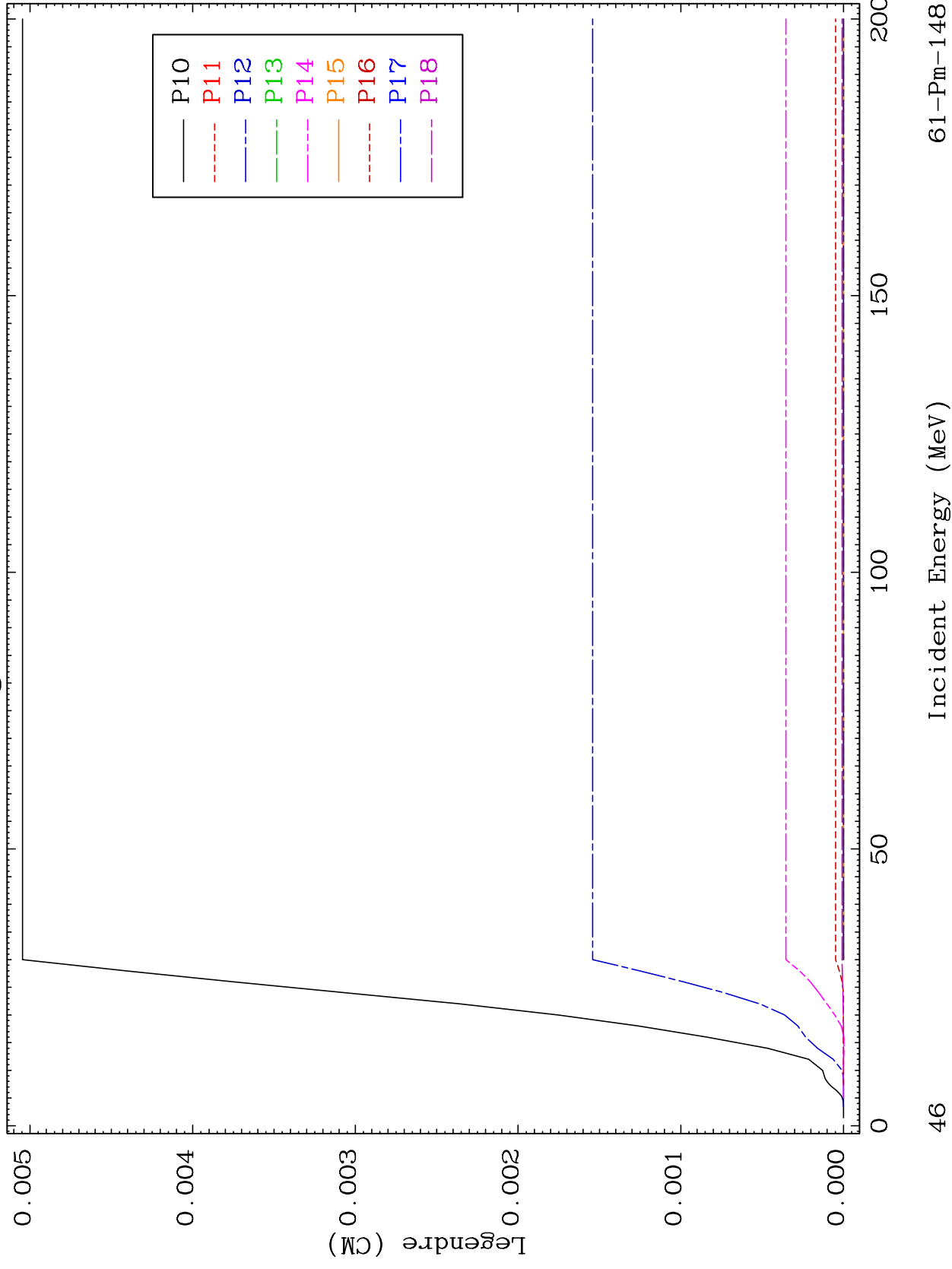
61-Pm-148



MAT 6152

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

61-Pm-148



61-Pm-148

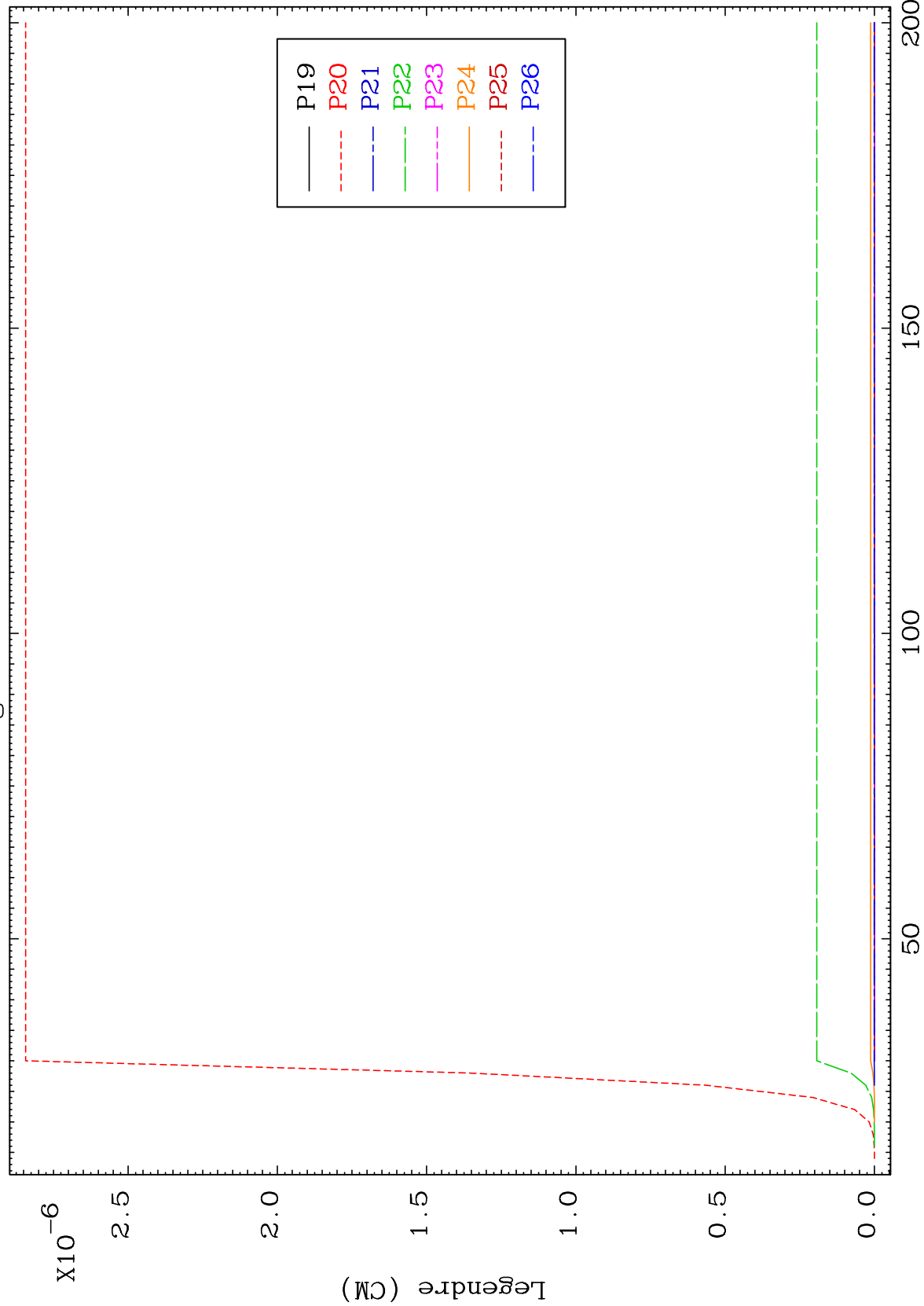
Incident Energy (MeV)

46

MAT 6152

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

61-Pm-148



47

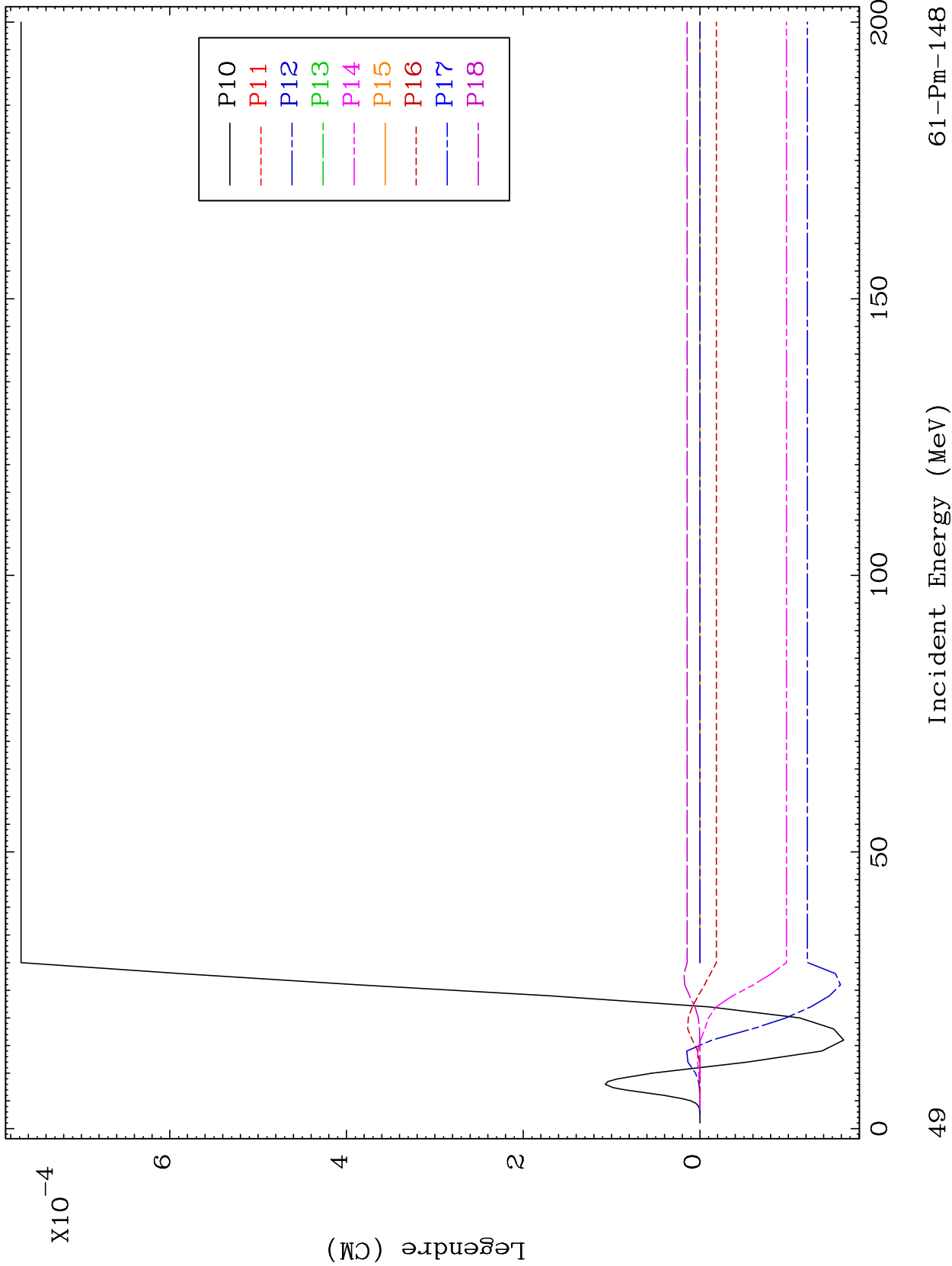
Incident Energy (MeV)

61-Pm-148

MAT 6152

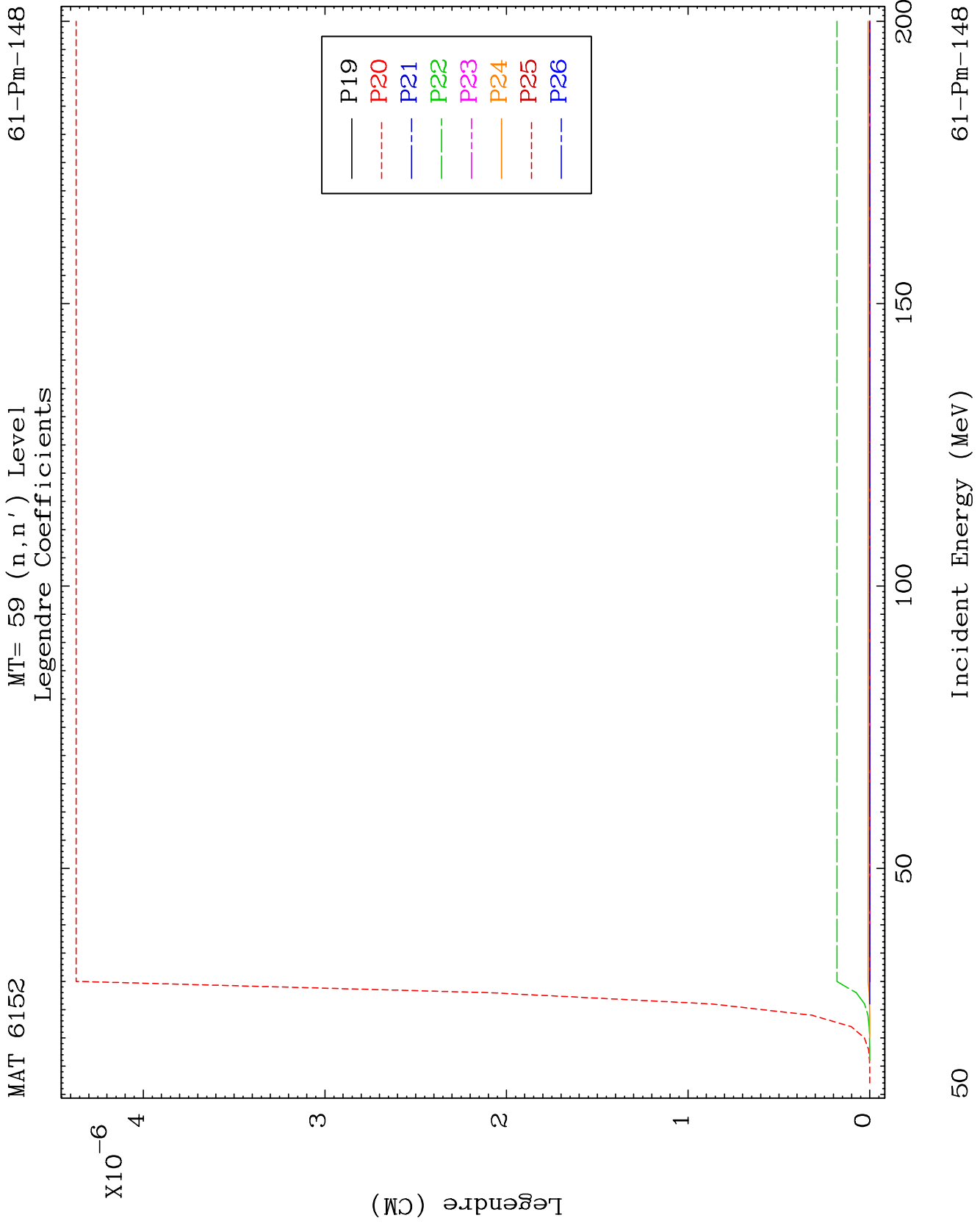
MT= 59 (n,n') Level
Legendre Coefficients

61-Pm-148



49

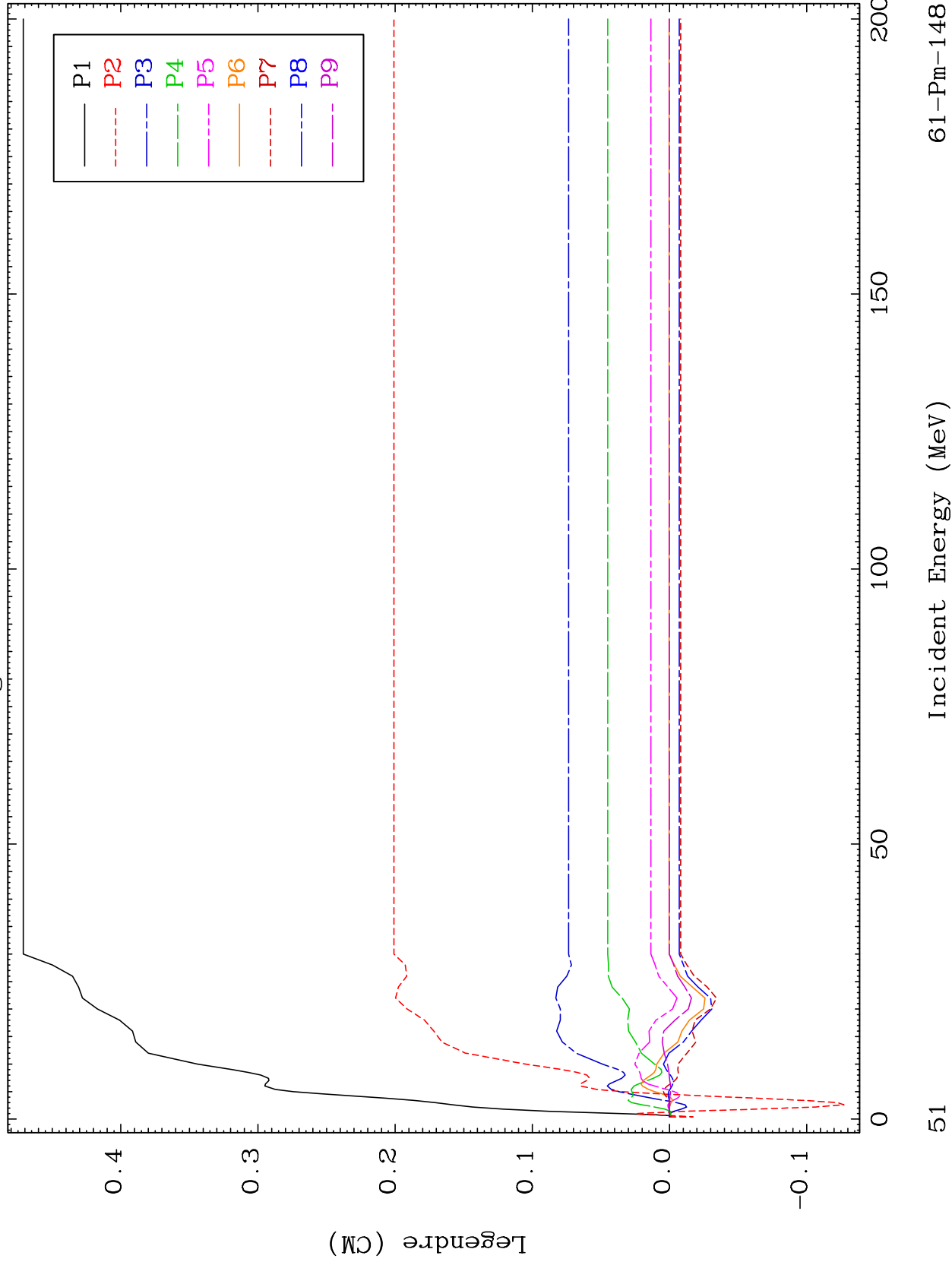
61-Pm-148



MAT 6152

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

61-Pm-148



61-Pm-148

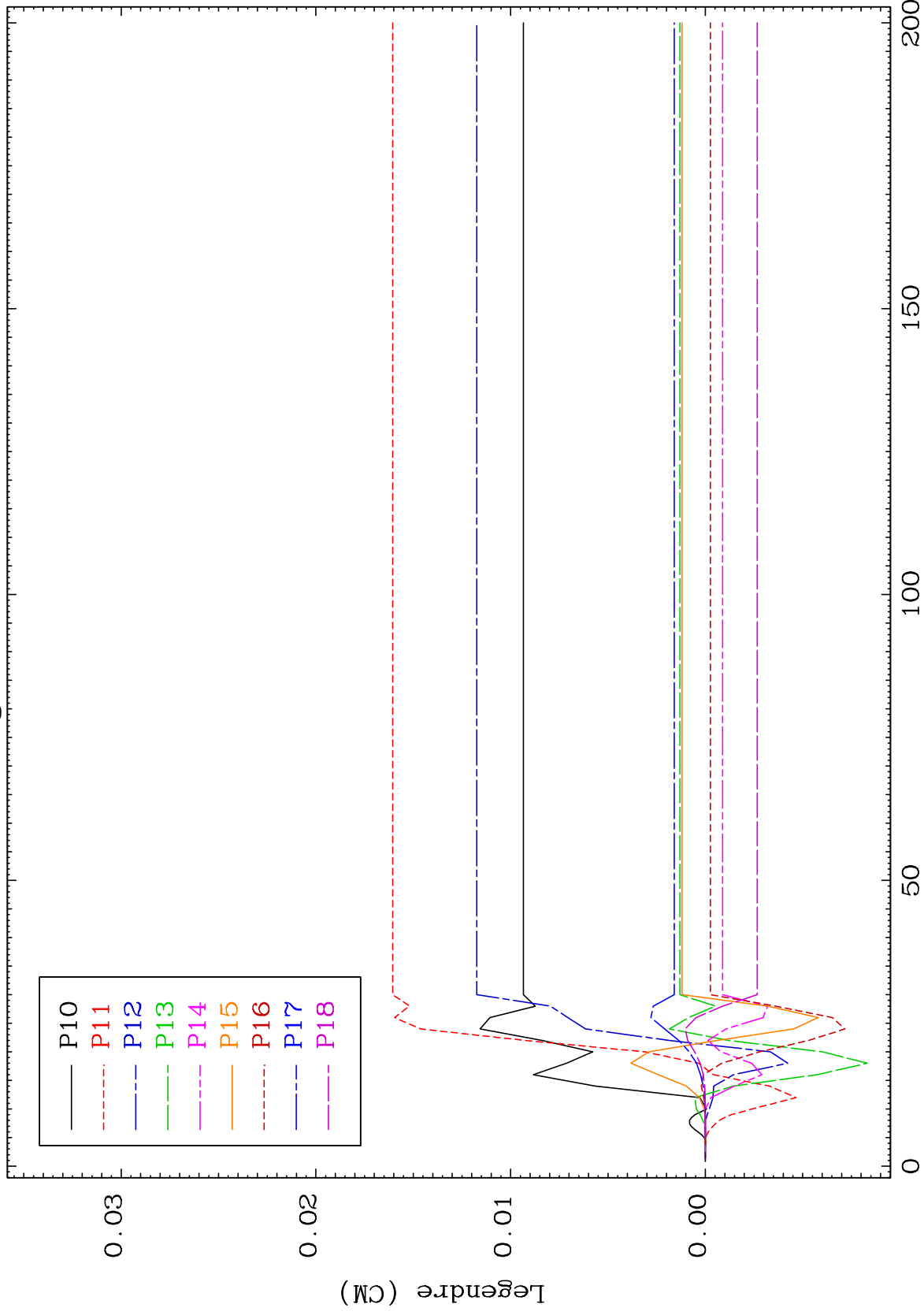
Incident Energy (MeV)

51

MAT 6152

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

61-Pm-148



52

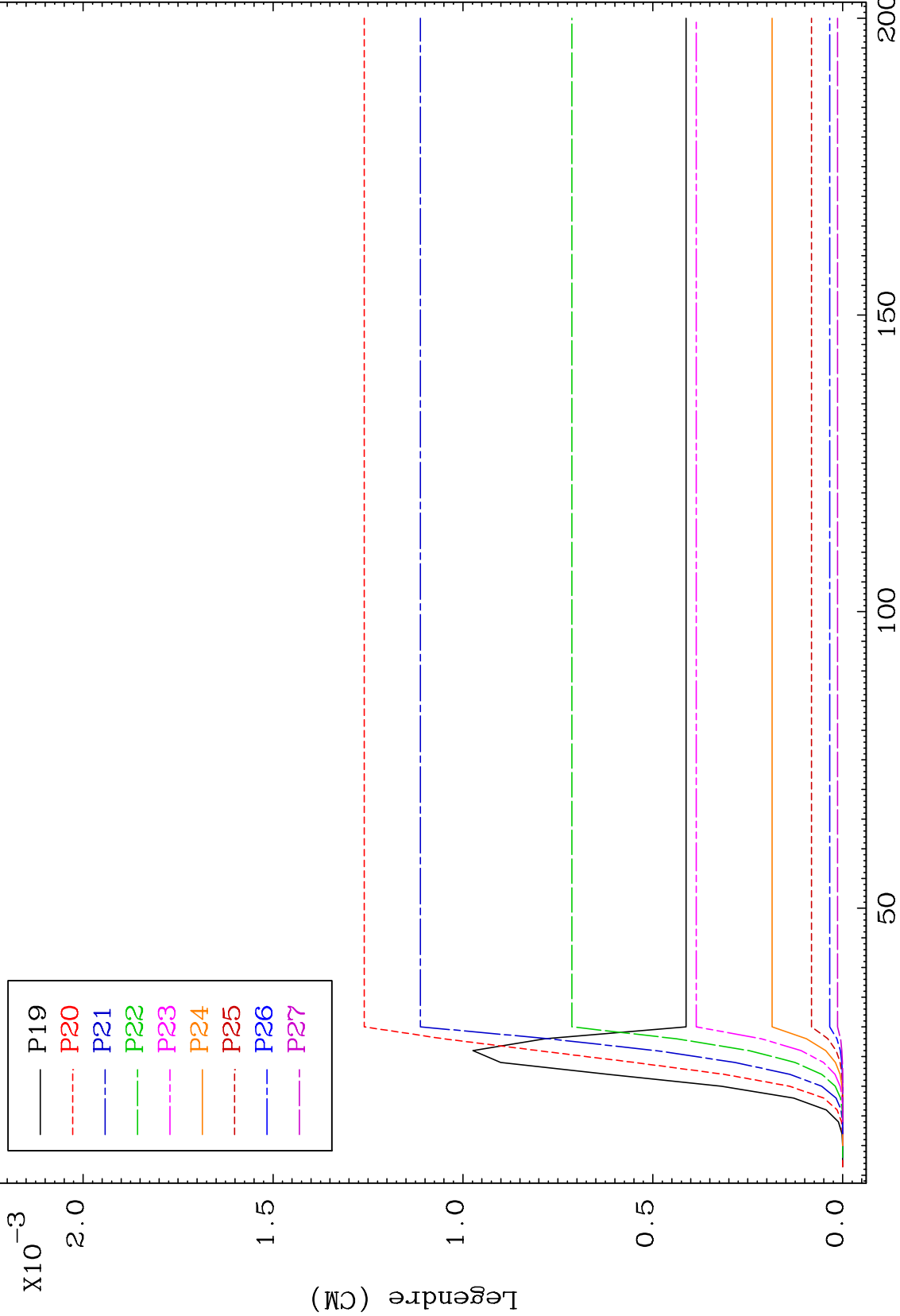
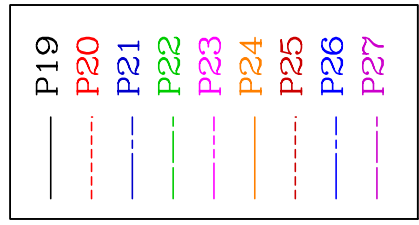
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

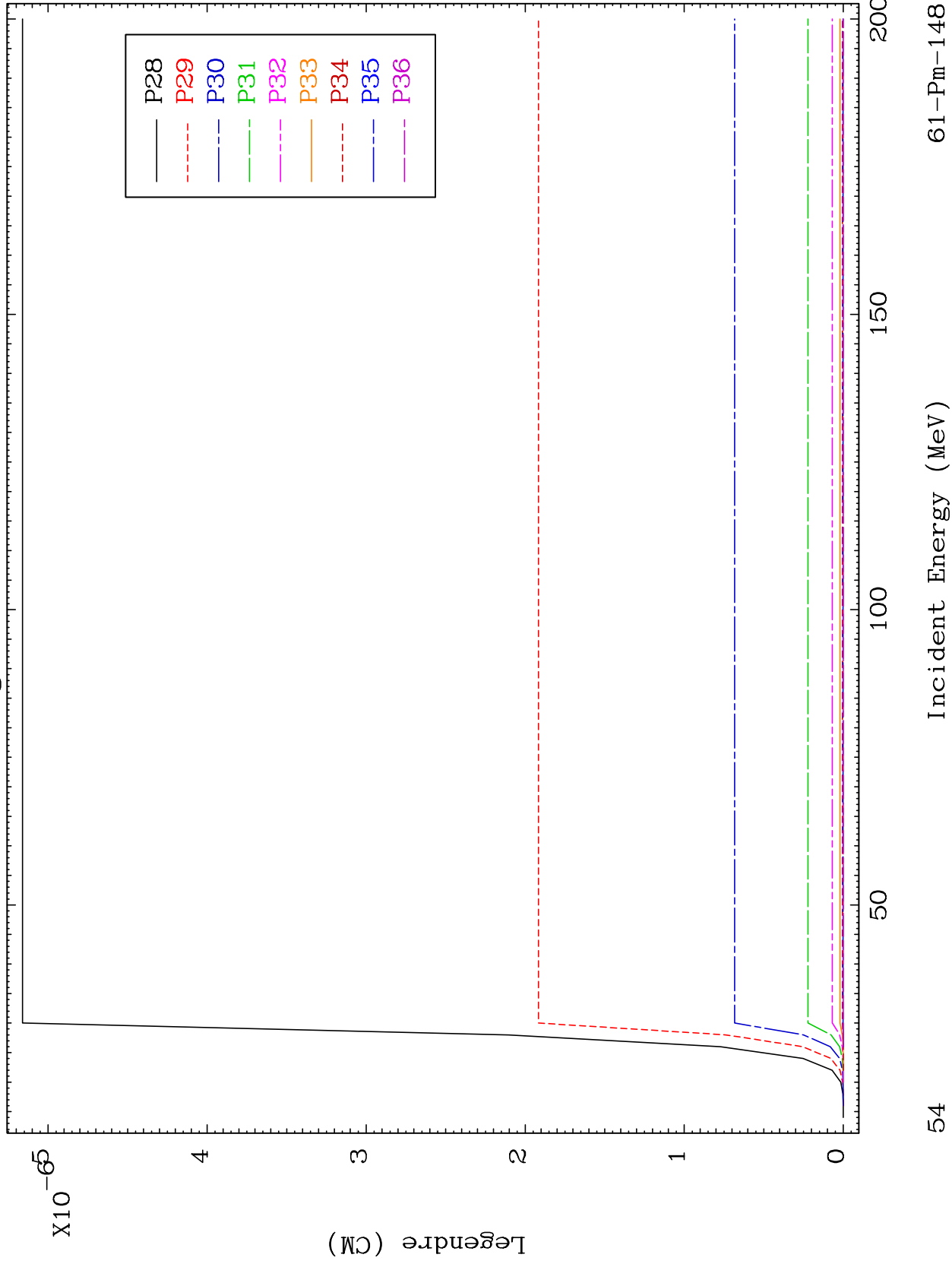
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MAT 6152

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

61-Pm-148



54

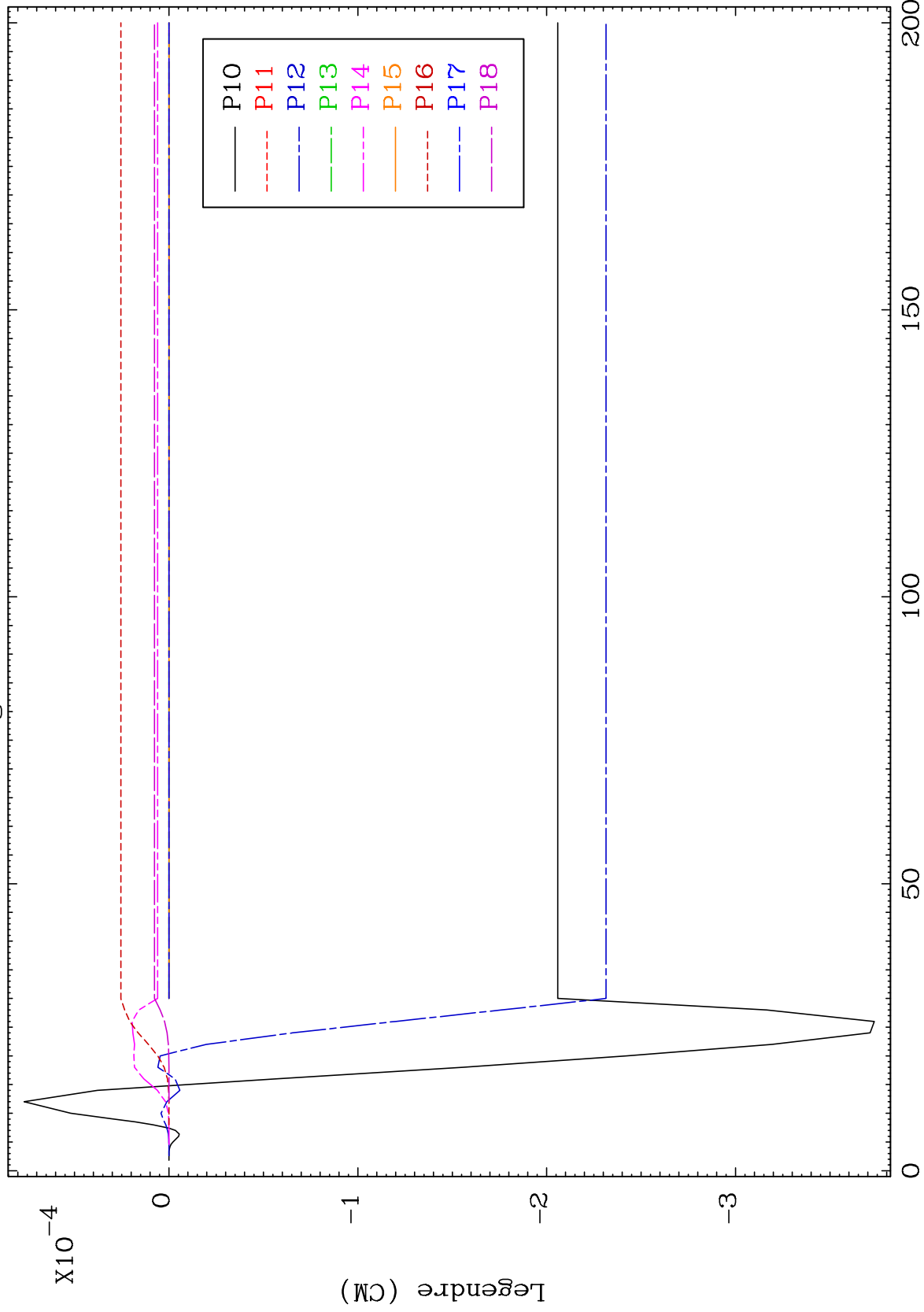
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



56

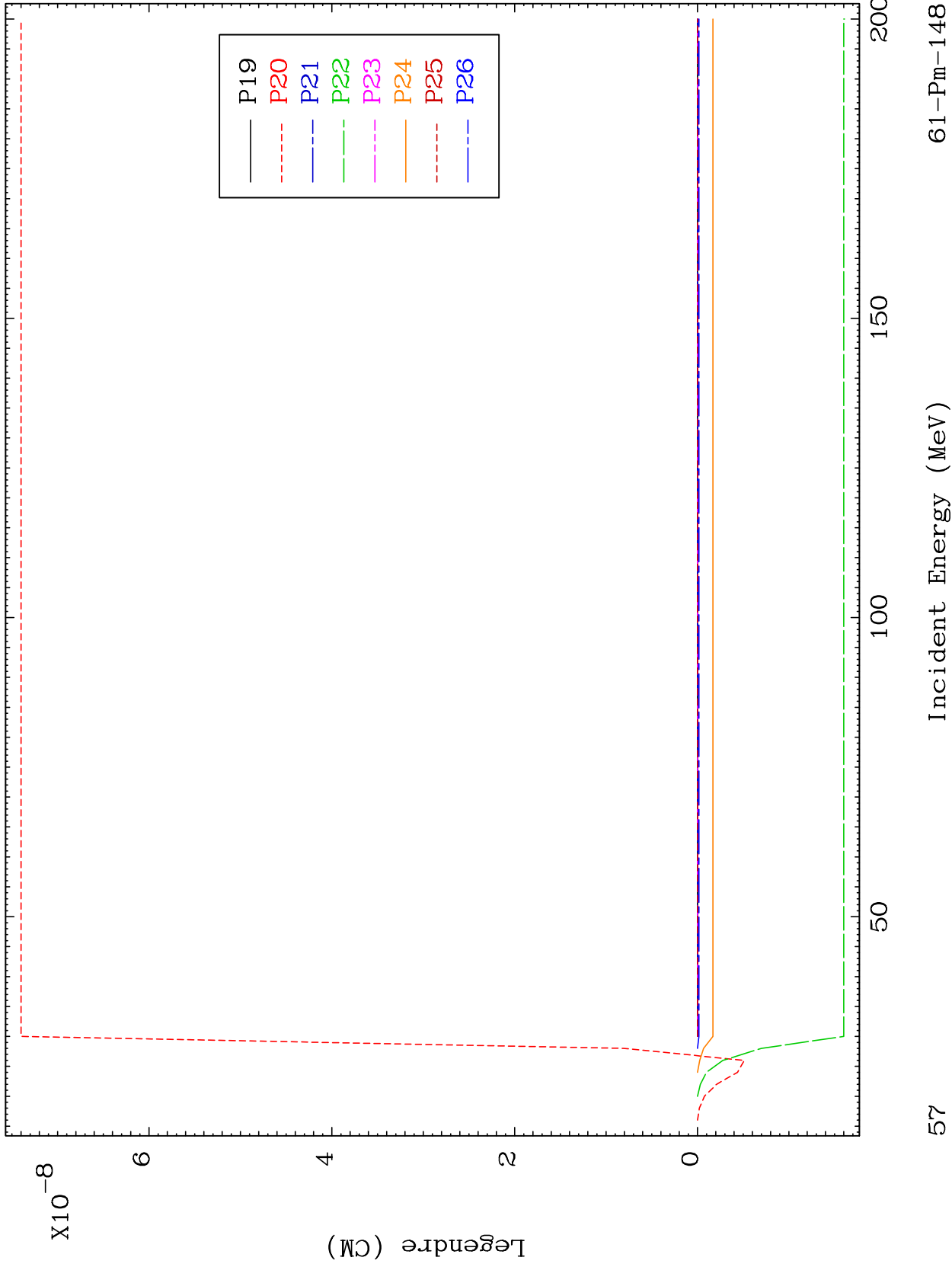
61-Pm-148

61-Pm-148

MAT 6152

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

61-Pm-148



57

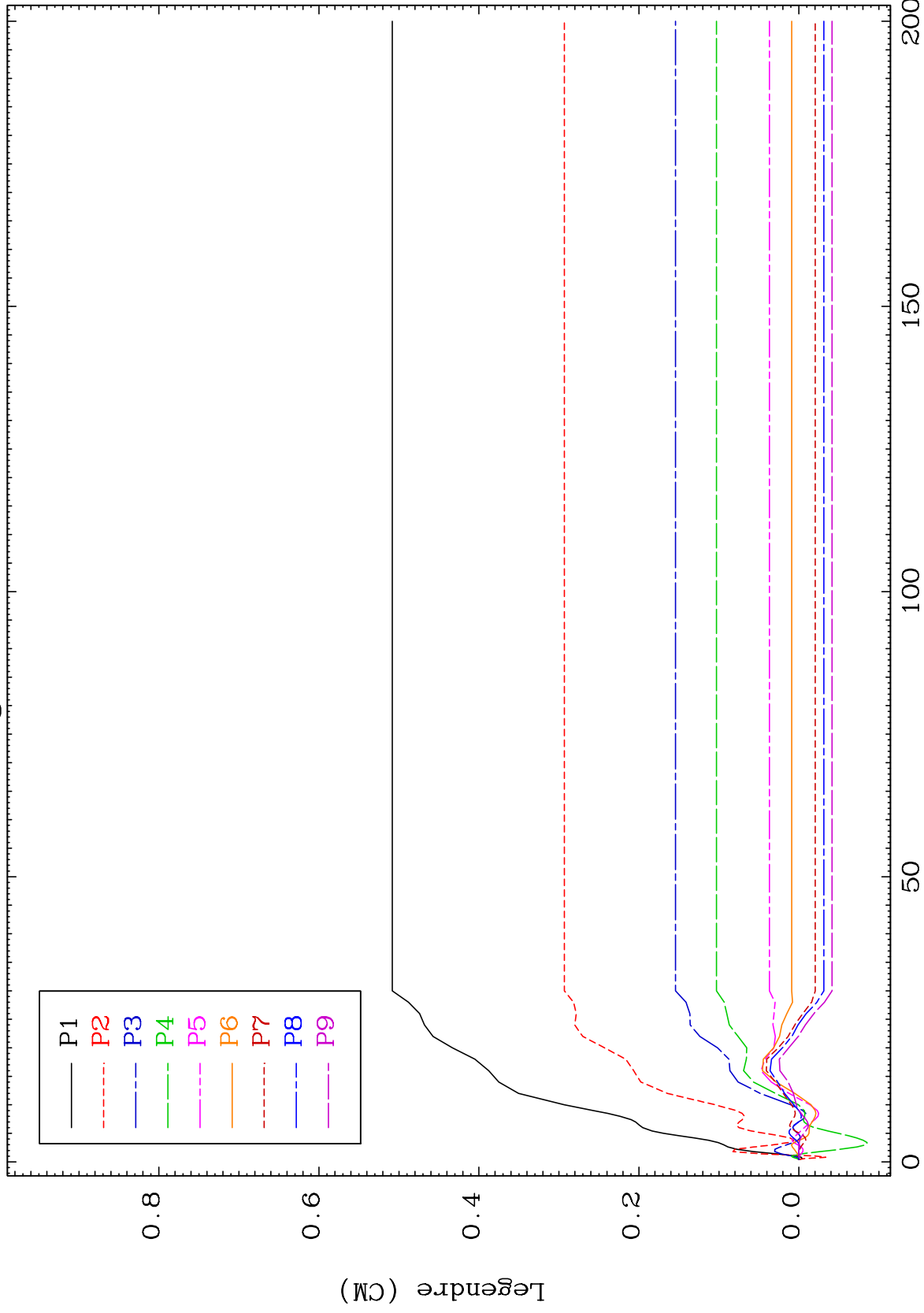
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



58

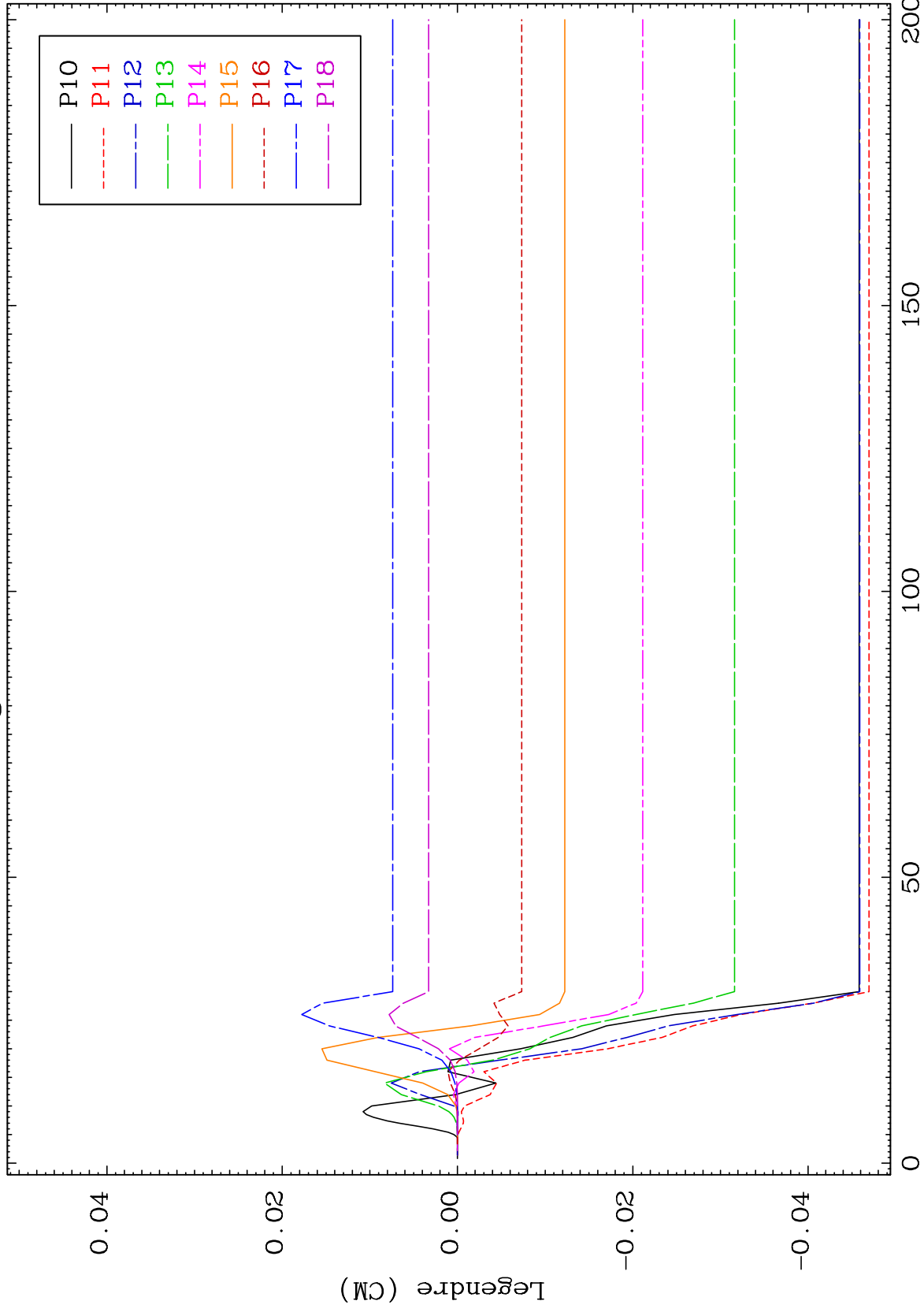
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



59

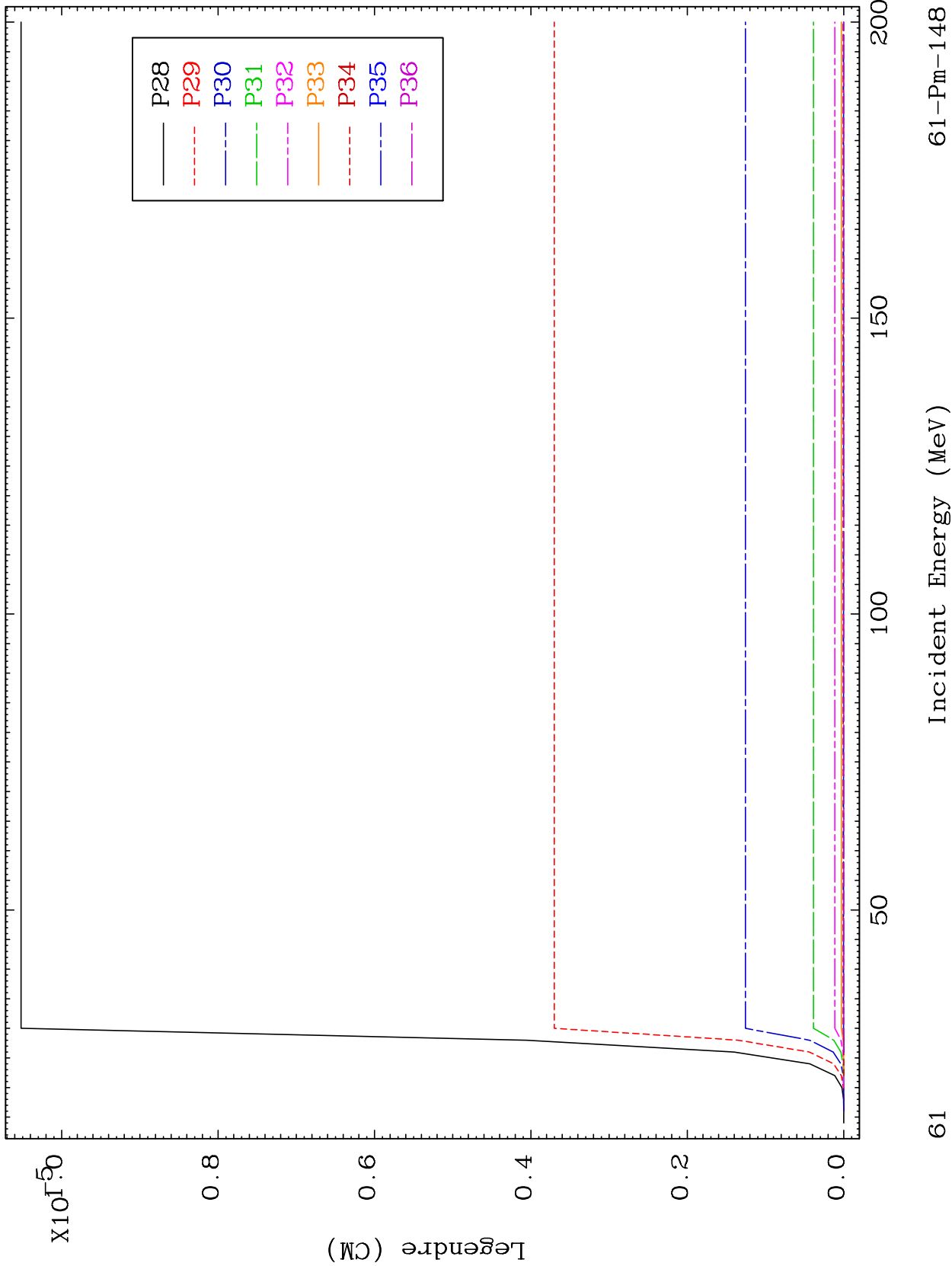
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



61

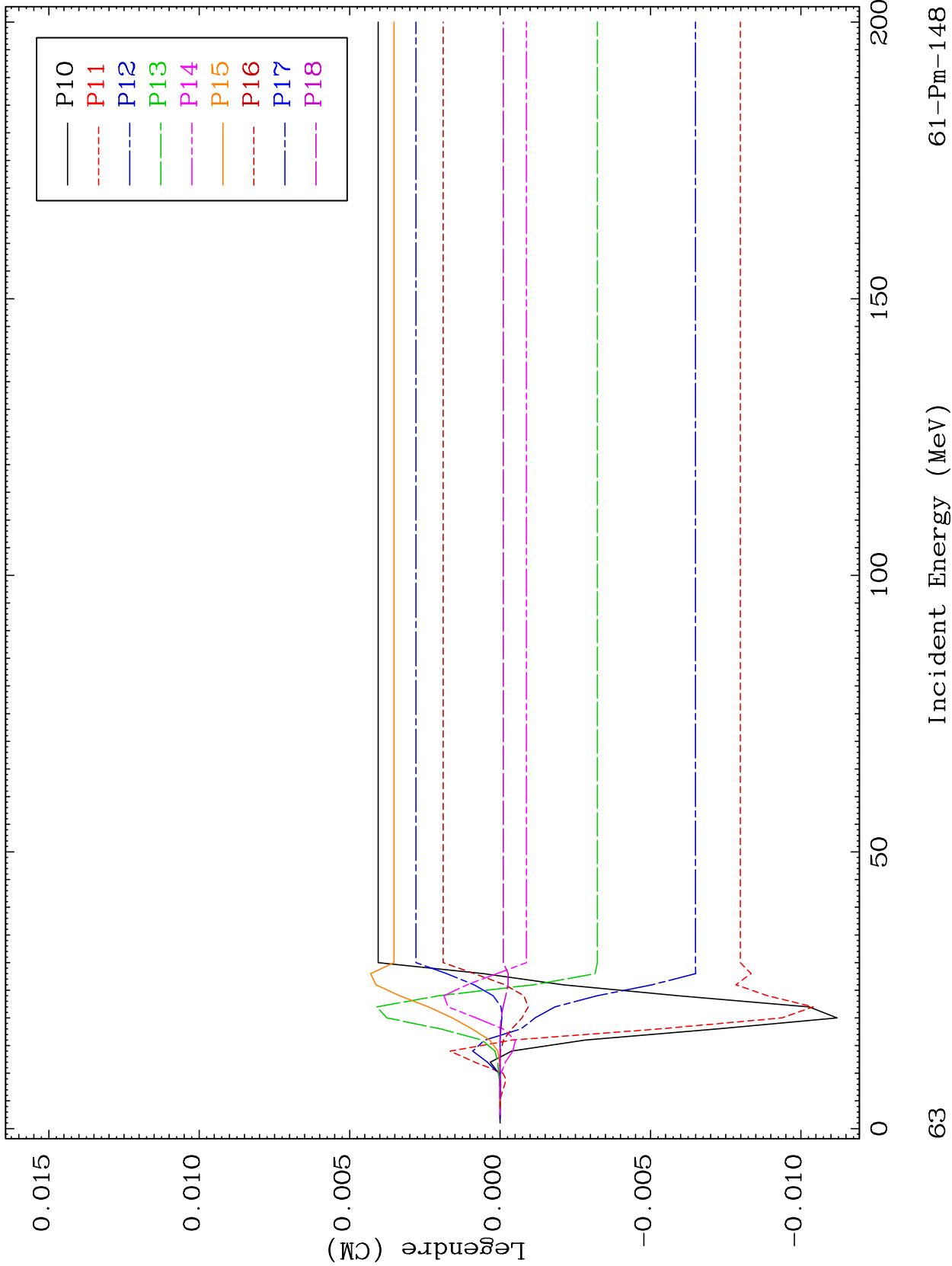
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



61-Pm-148

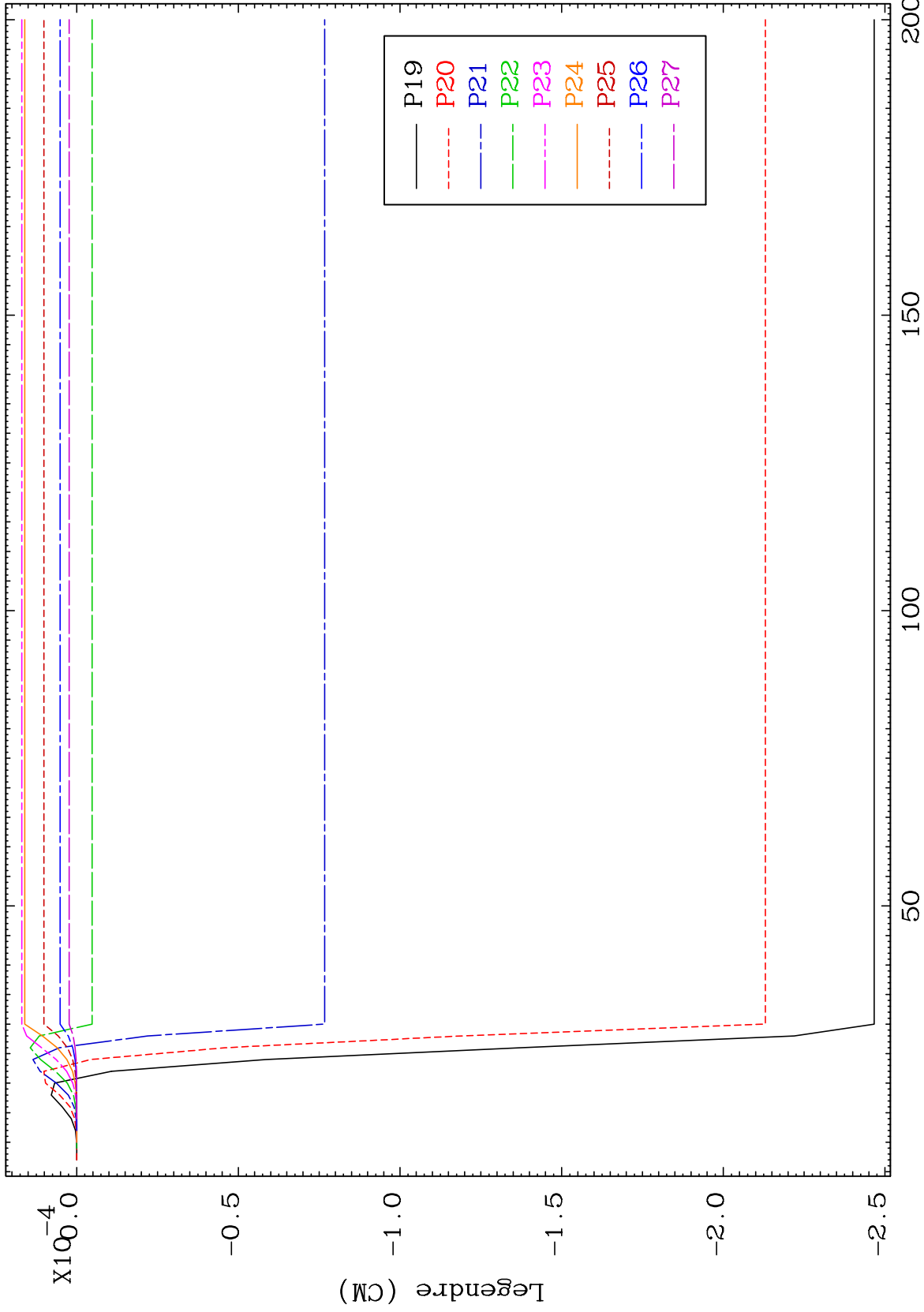
Incident Energy (MeV)

63

MAT 6152

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

61-Pm-148



64

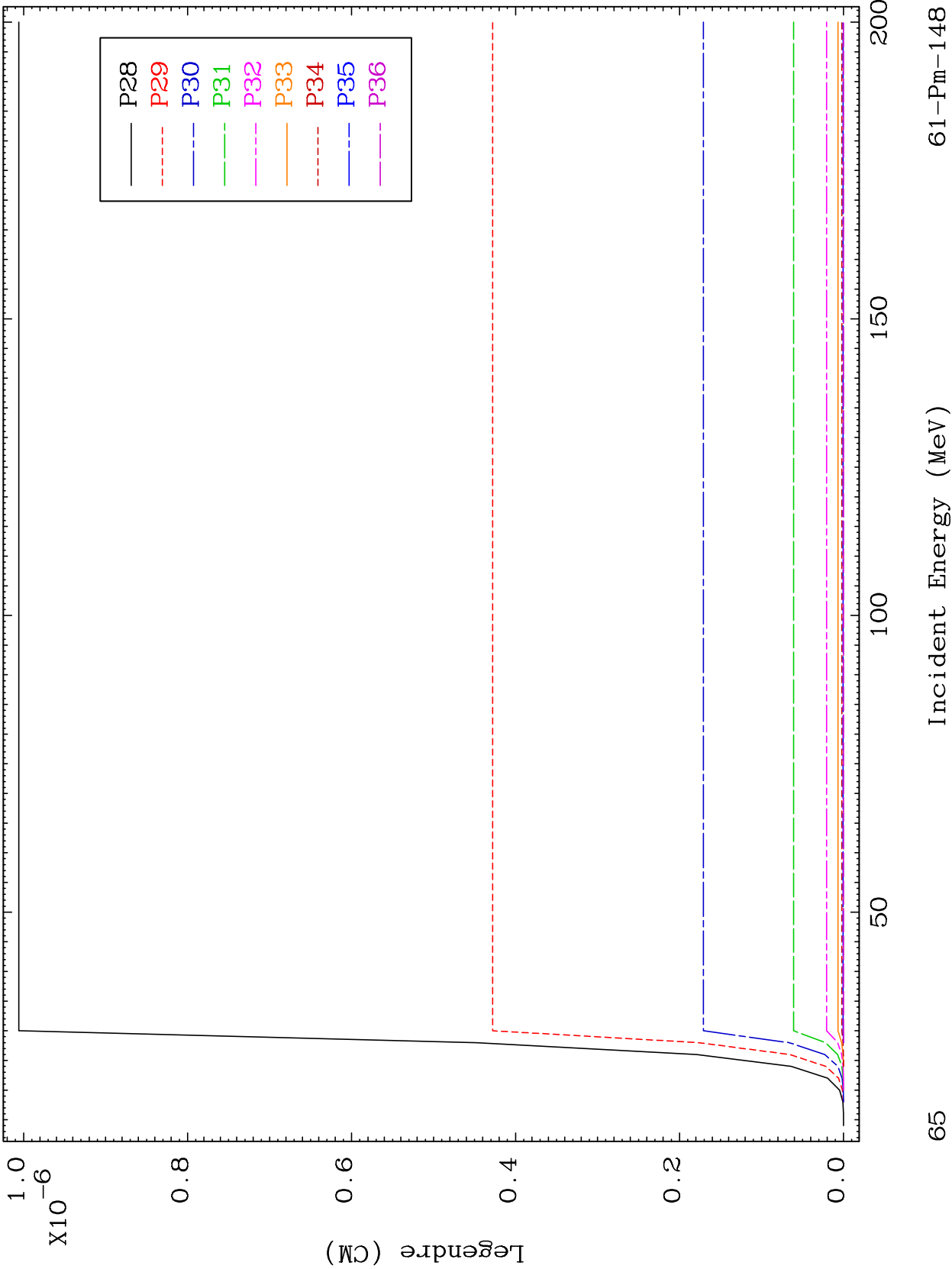
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



65

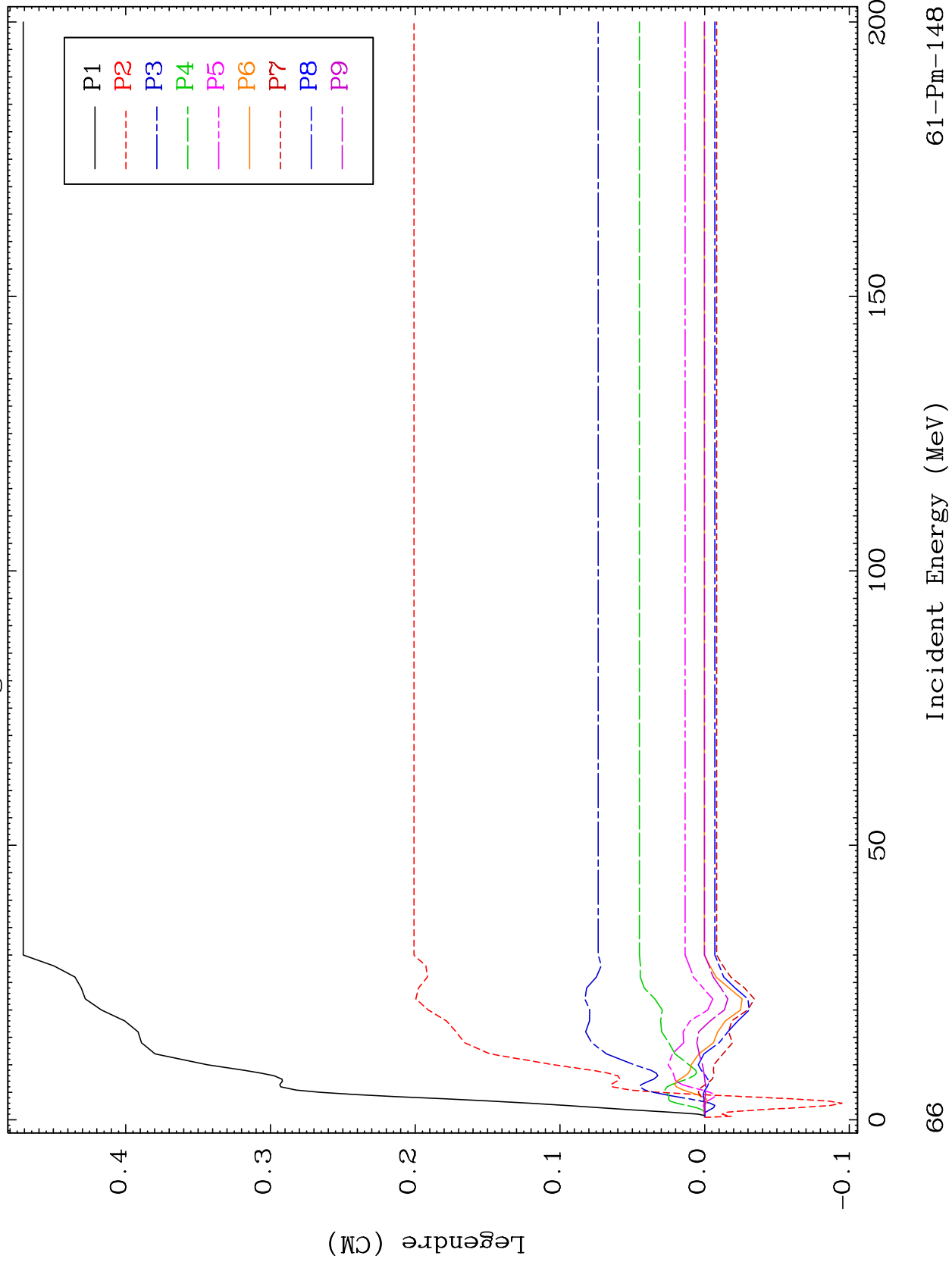
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



61-Pm-148

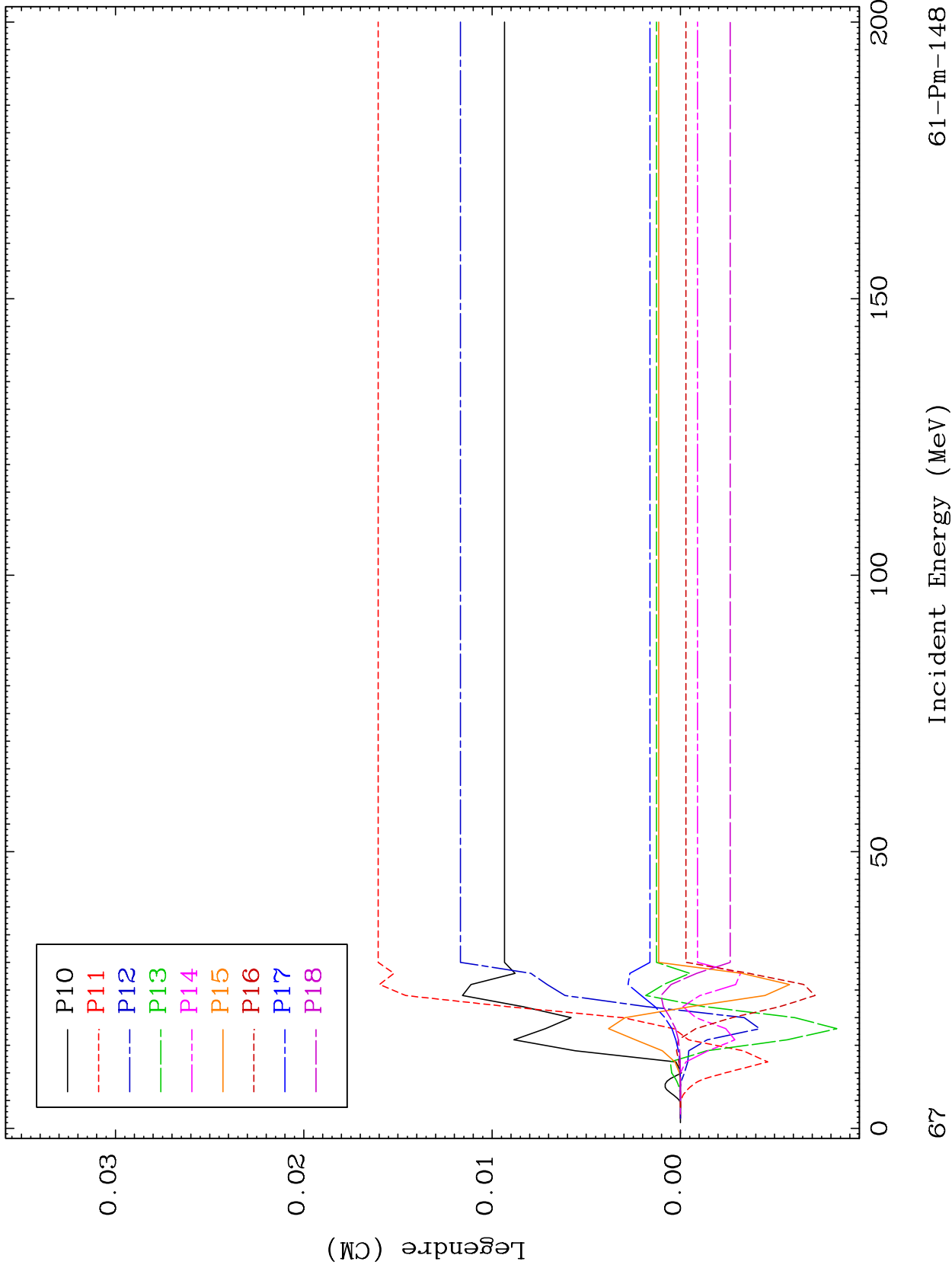
Incident Energy (MeV)

66

MAT 6152

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

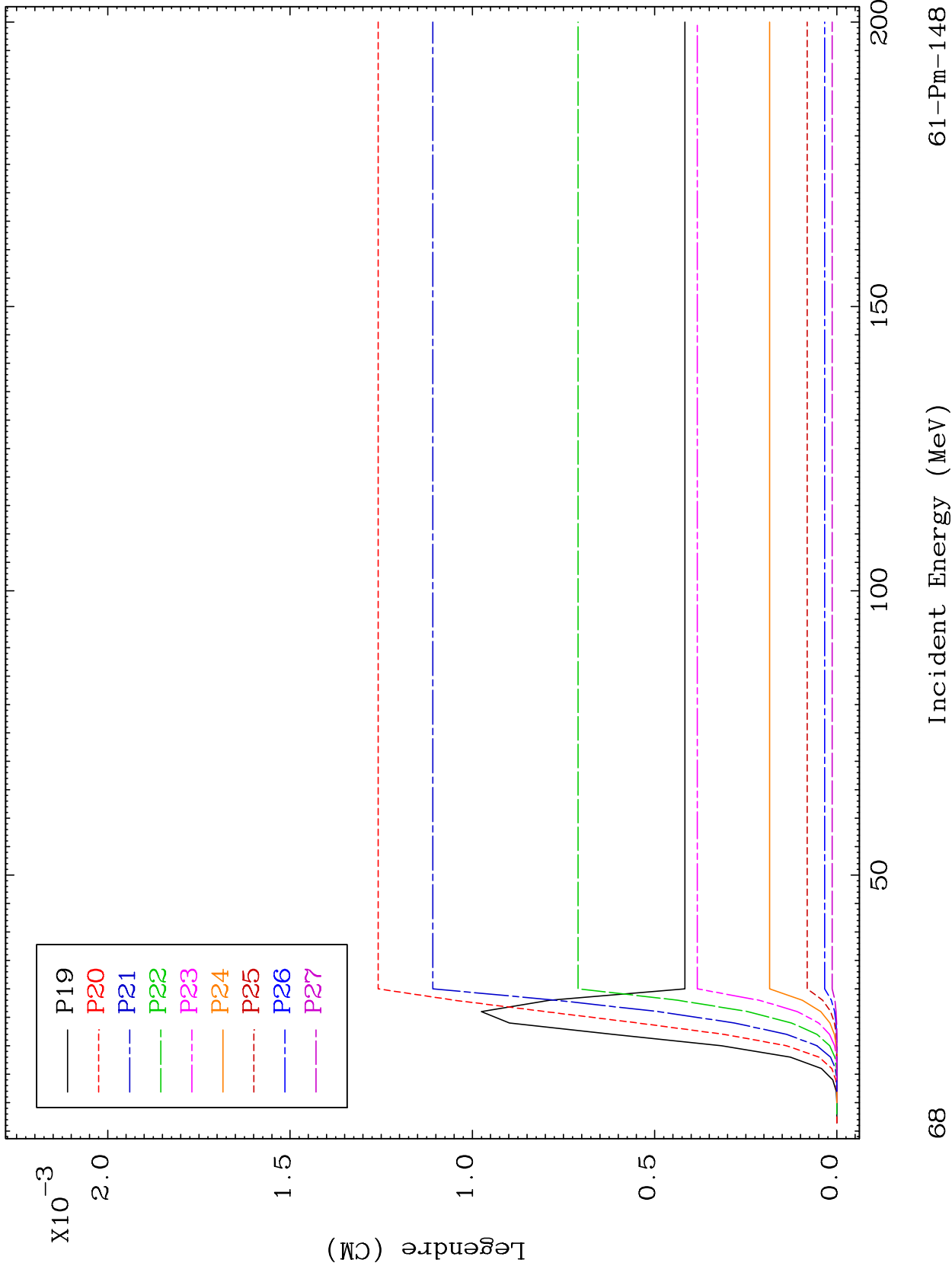
61-Pm-148



67

Incident Energy (MeV)

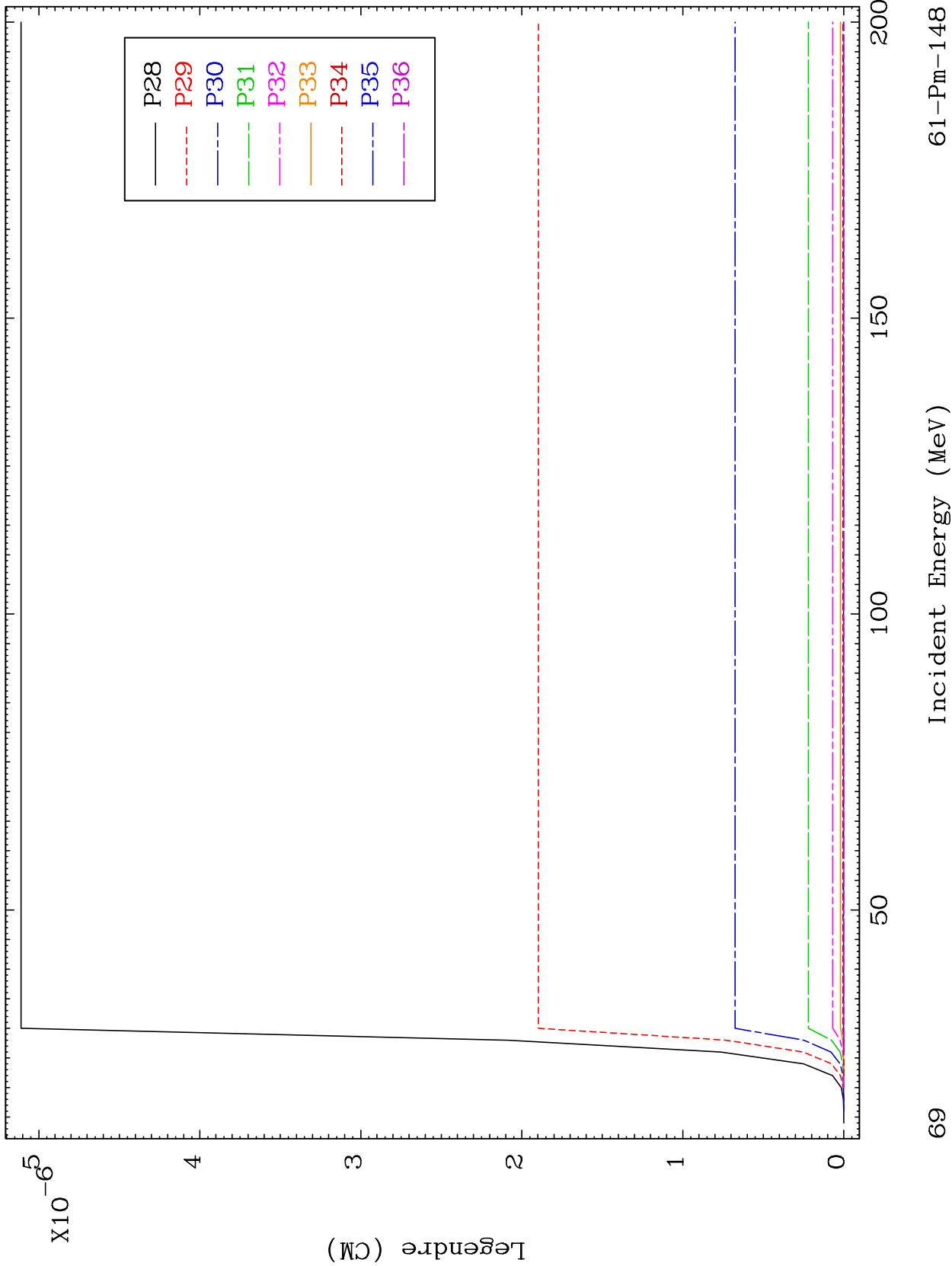
61-Pm-148



MAT 6152

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

61-Pm-148



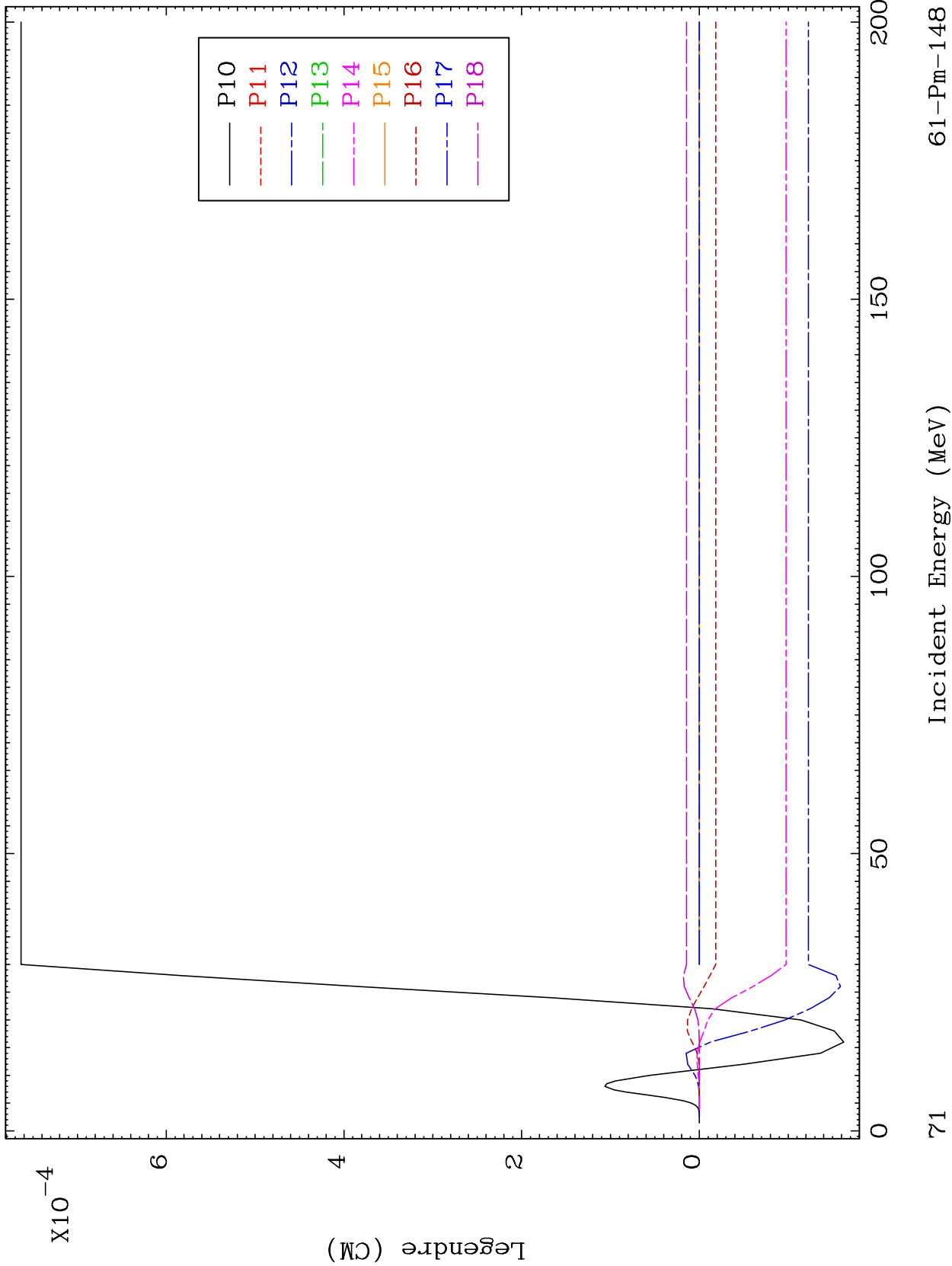
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61-Pm-148

MAT 6152

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

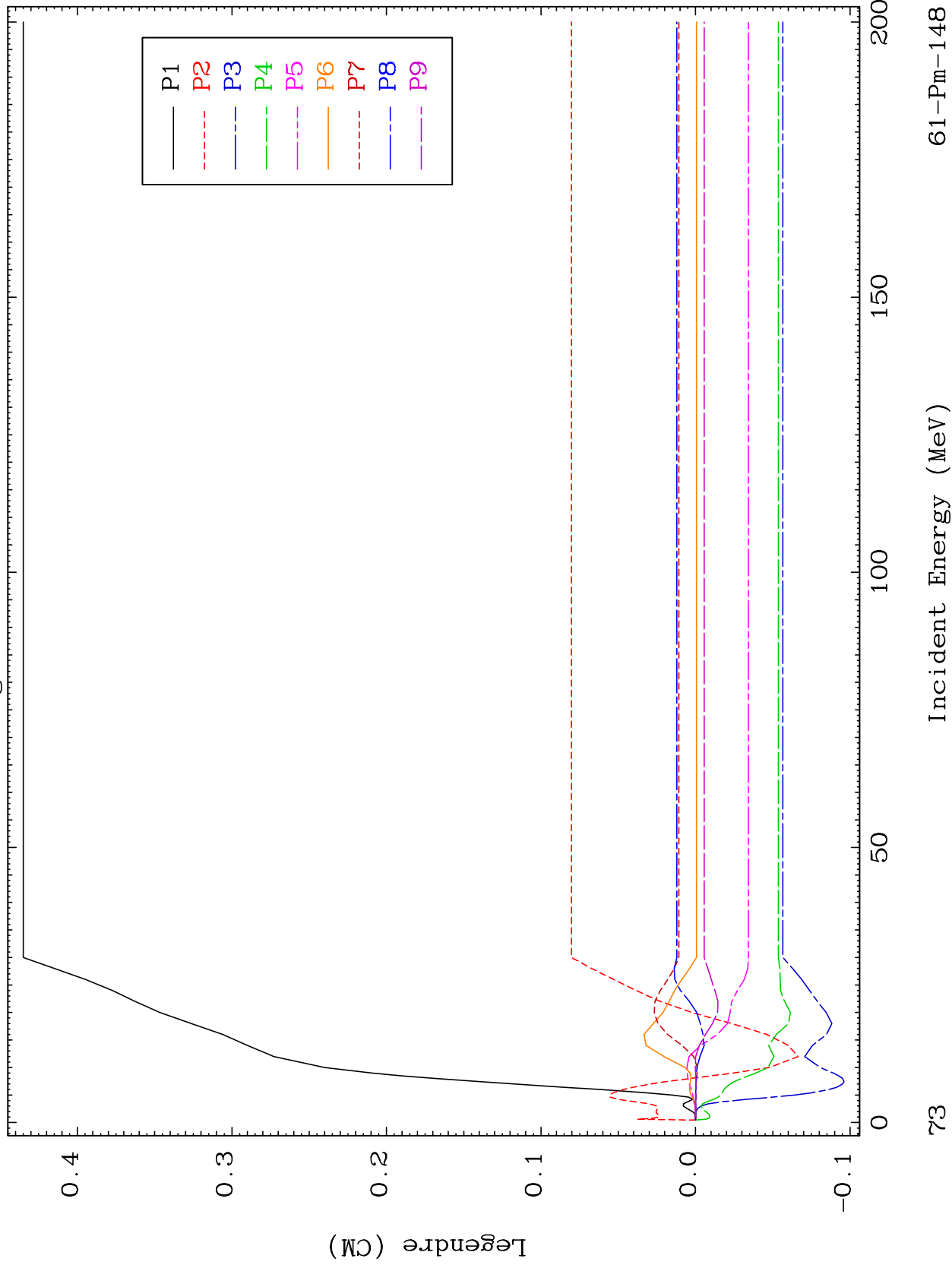
61-Pm-148



MAT 6152

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

61-Pm-148



61-Pm-148

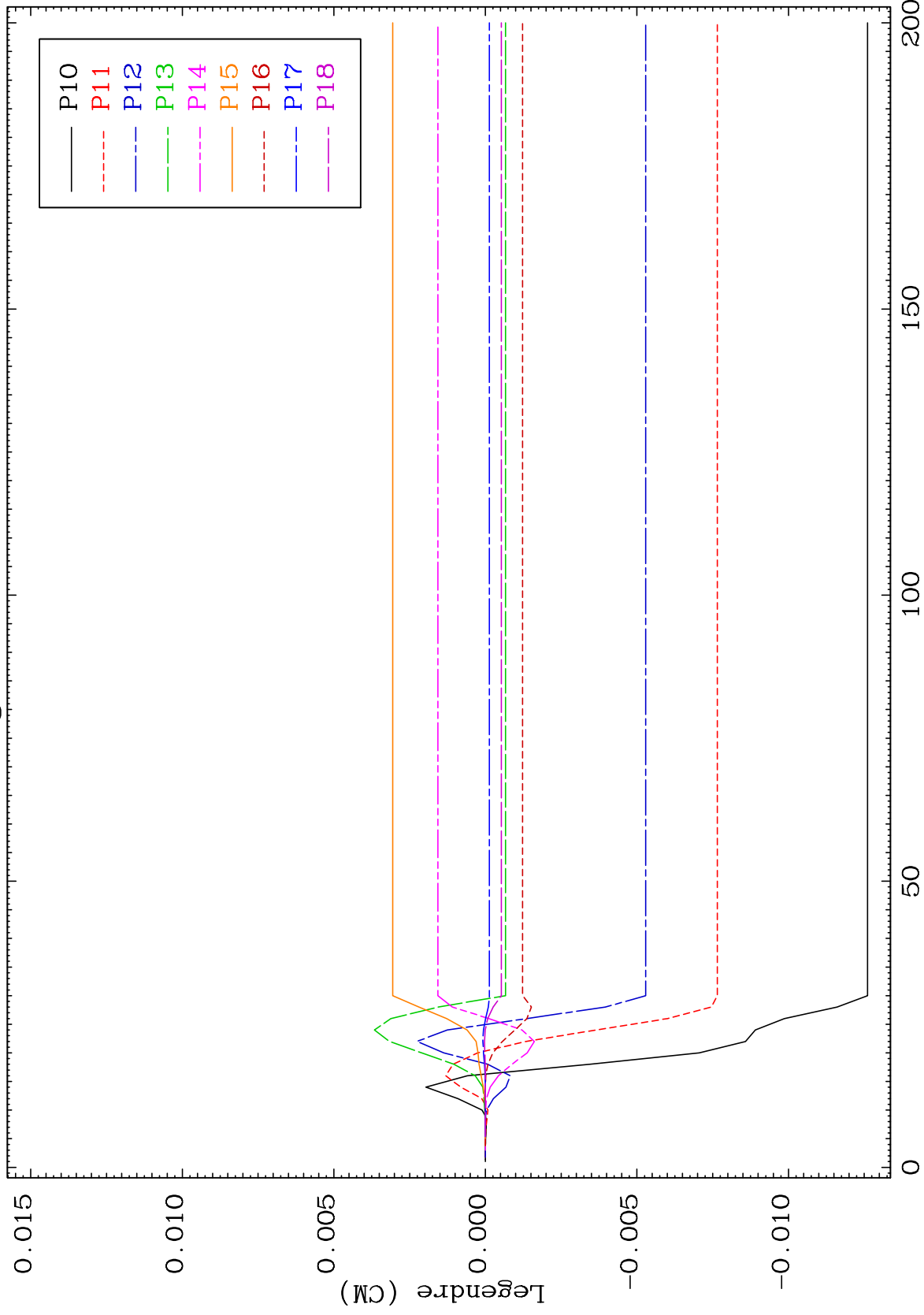
Incident Energy (MeV)

73

MAT 6152

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

61-Pm-148



74

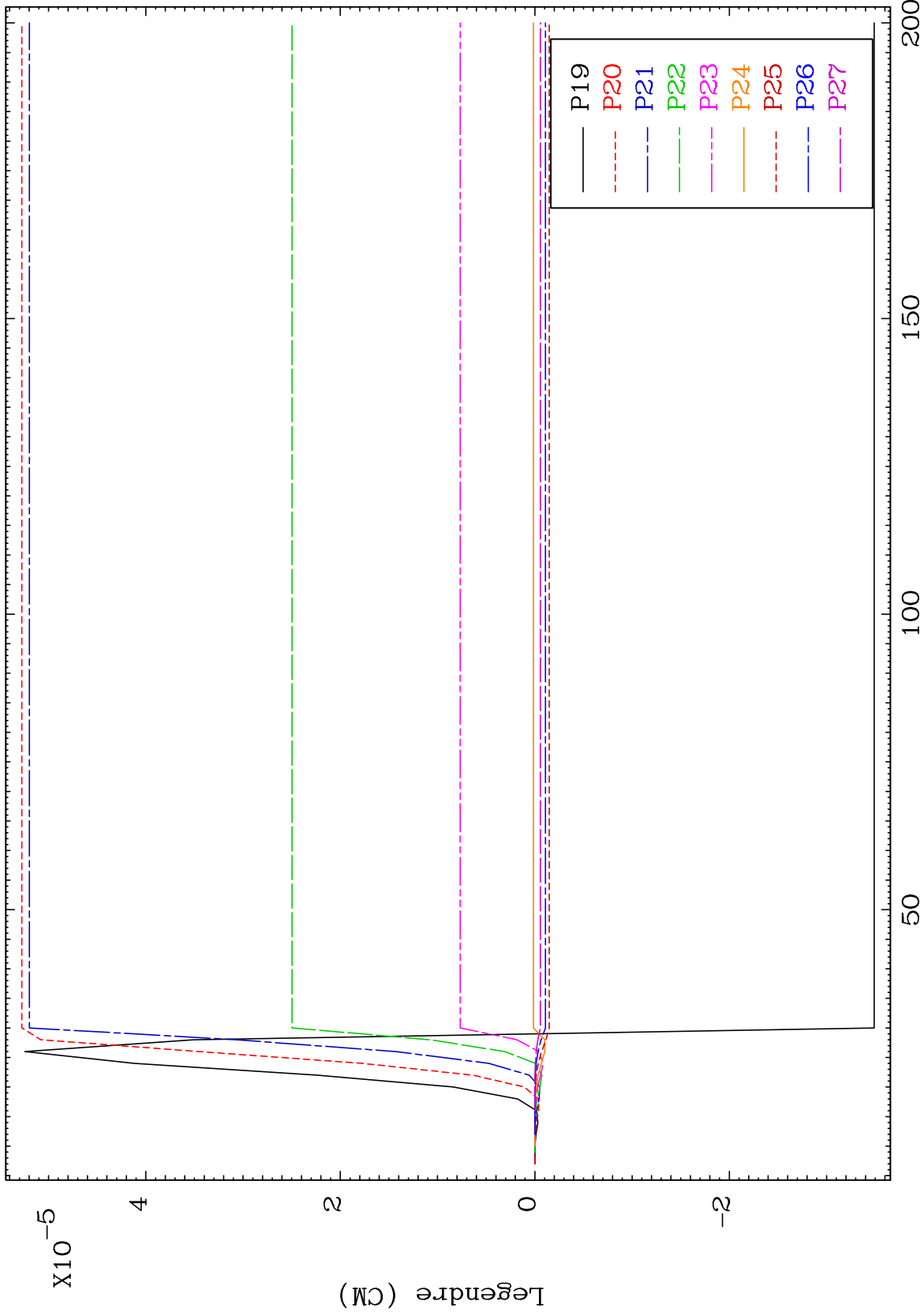
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

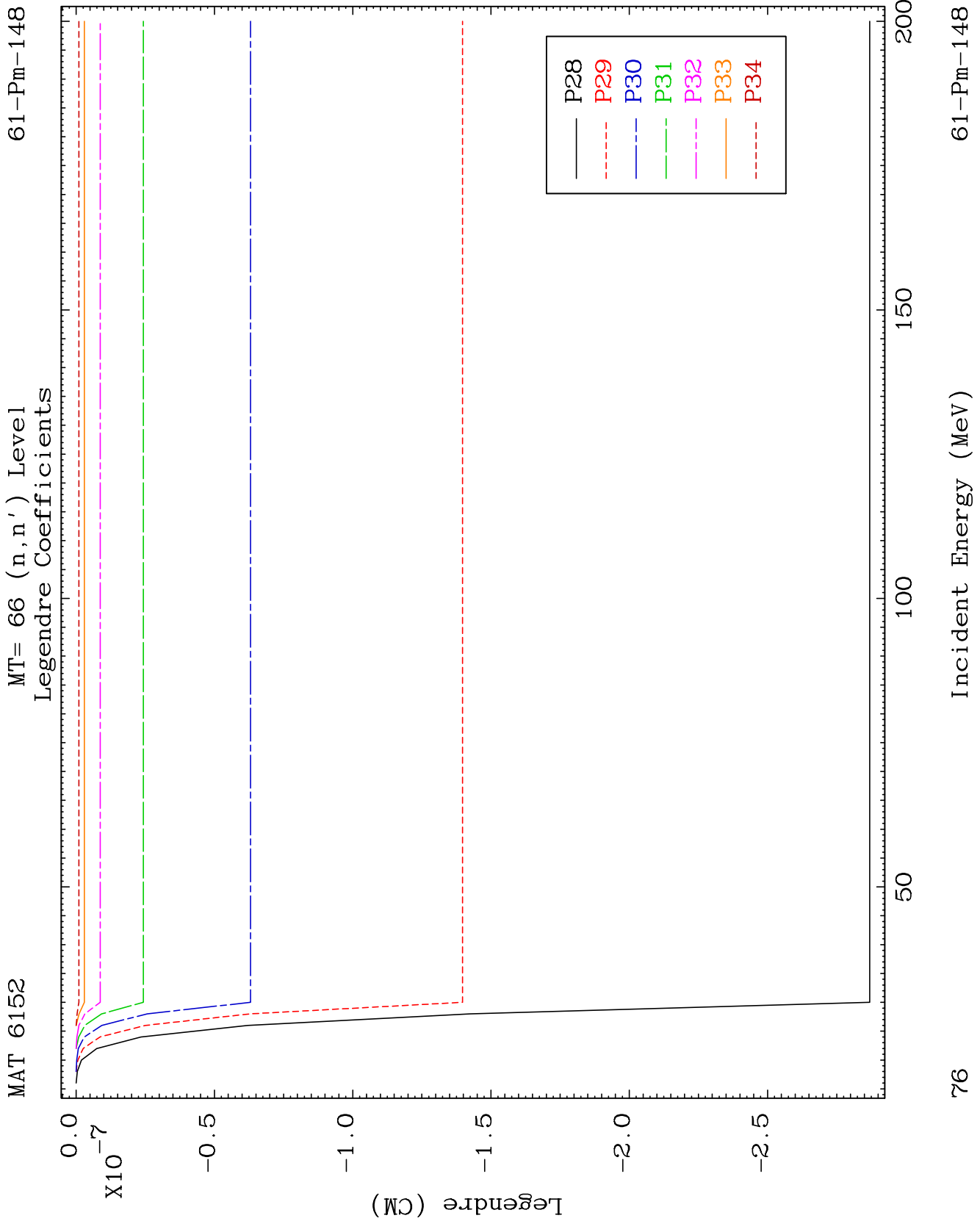
61-Pm-148



75

Incident Energy (MeV)

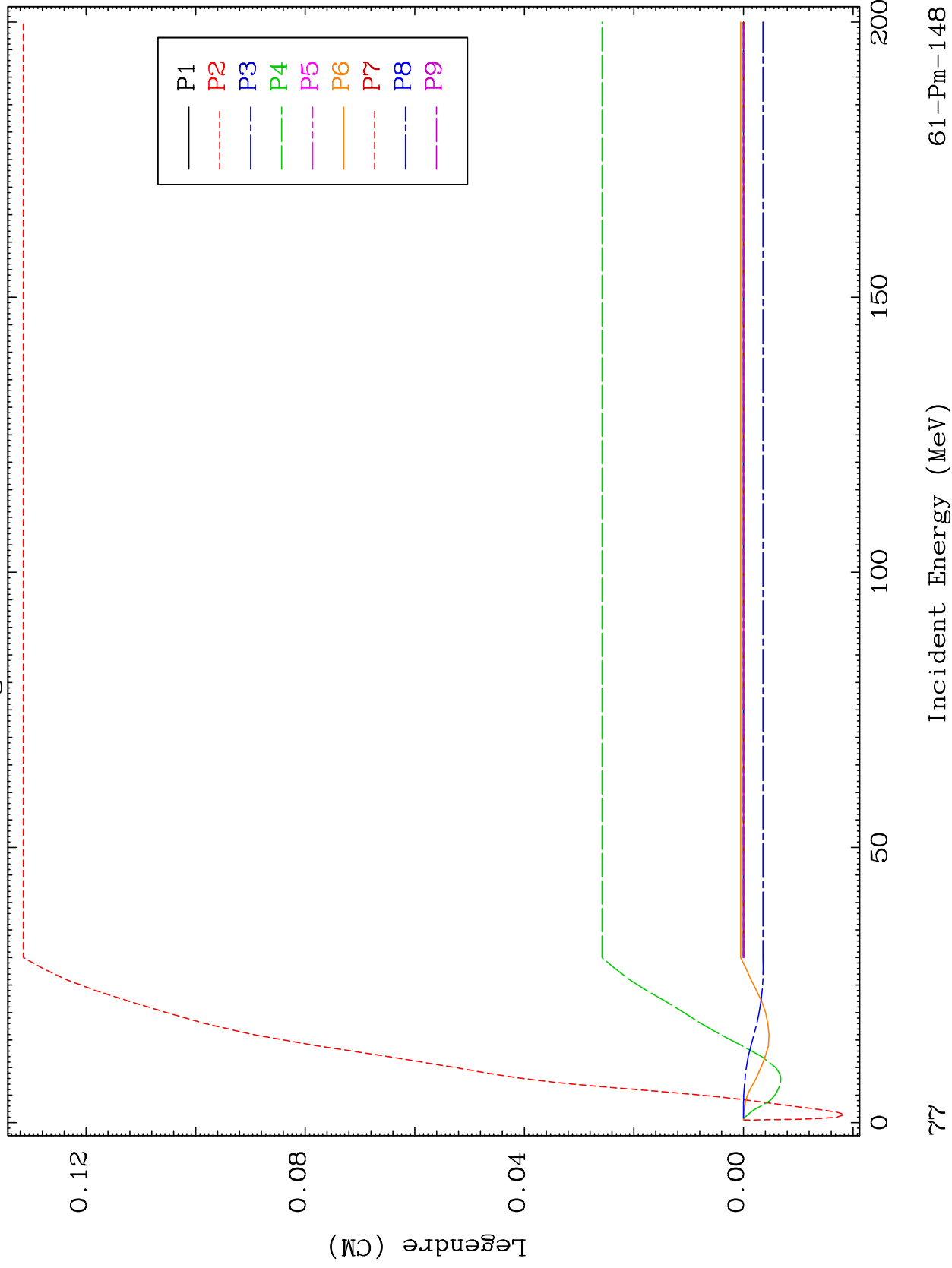
61-Pm-148



MAT 6152

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

61-Pm-148



61-Pm-148

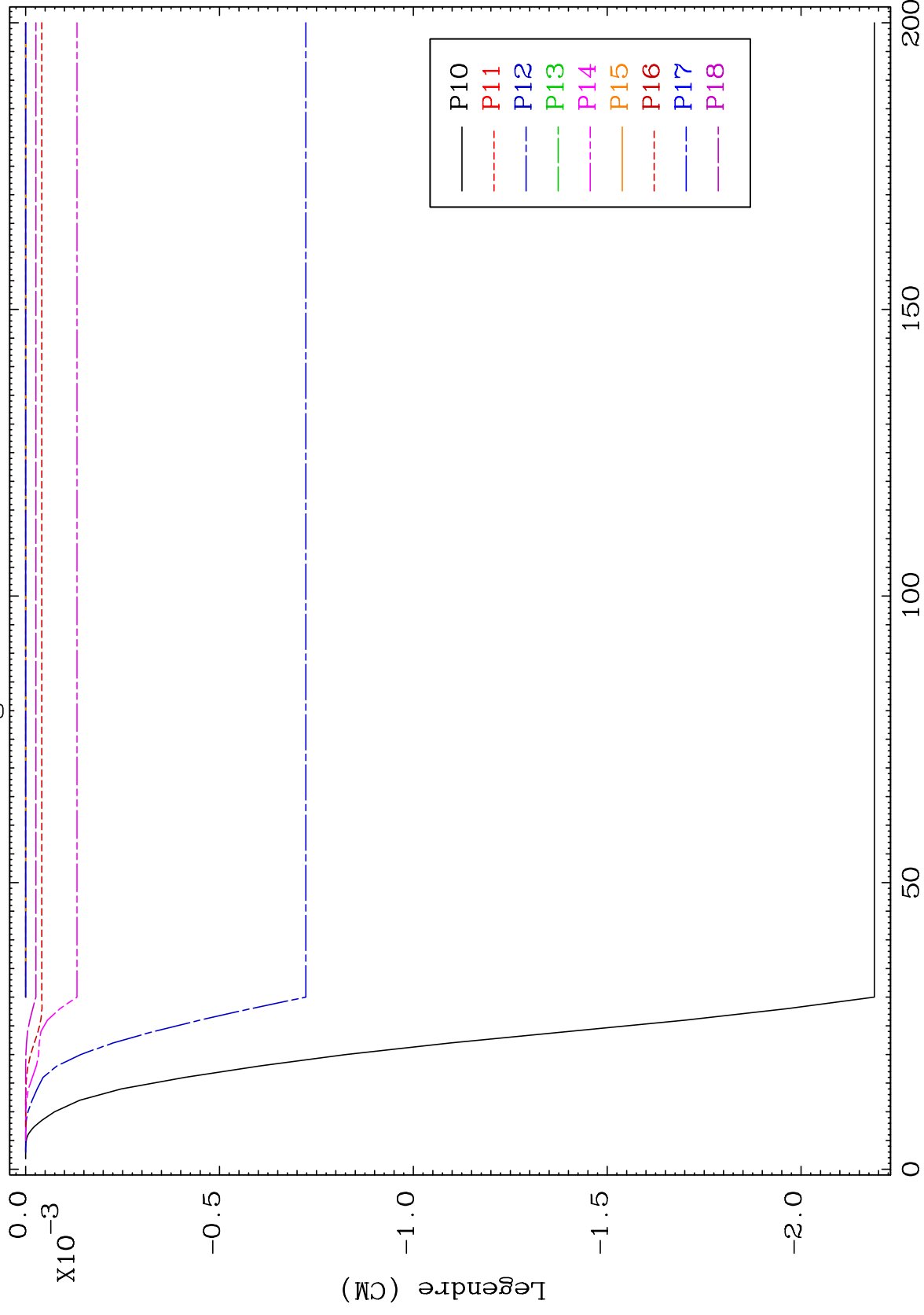
Incident Energy (MeV)

77

MAT 6152

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

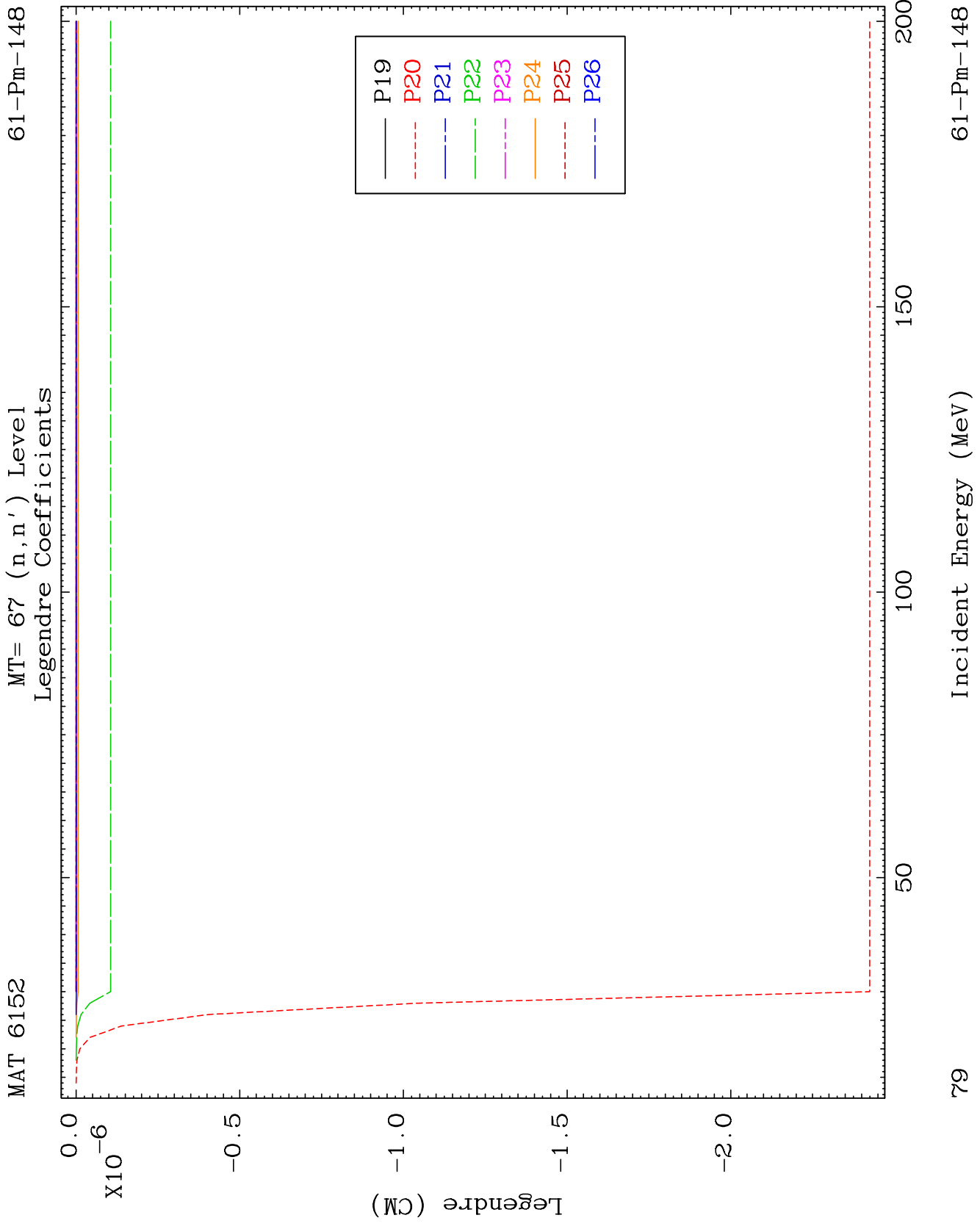
61-Pm-148



78

Incident Energy (MeV)

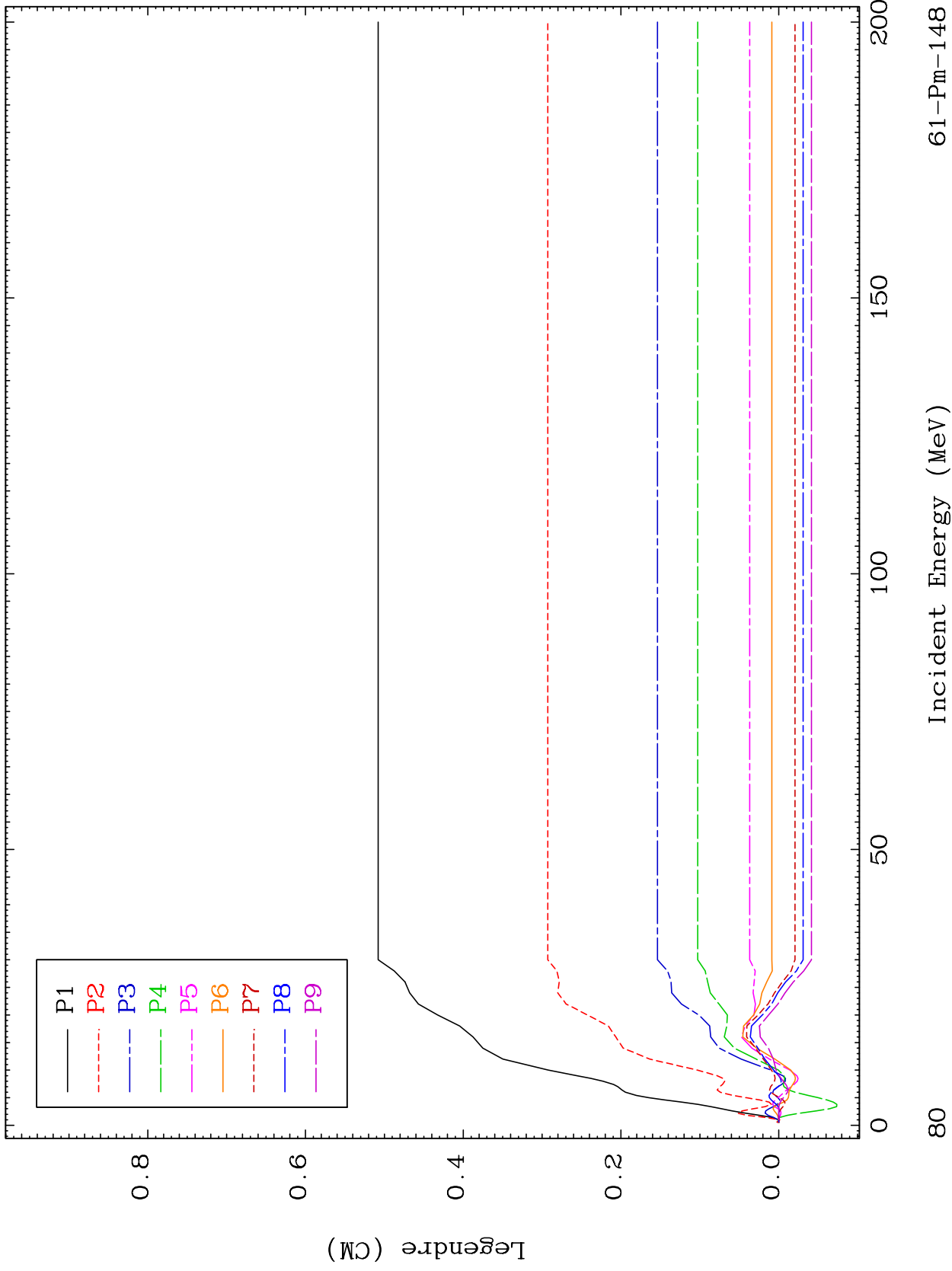
61-Pm-148



MAT 6152

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

61-Pm-148



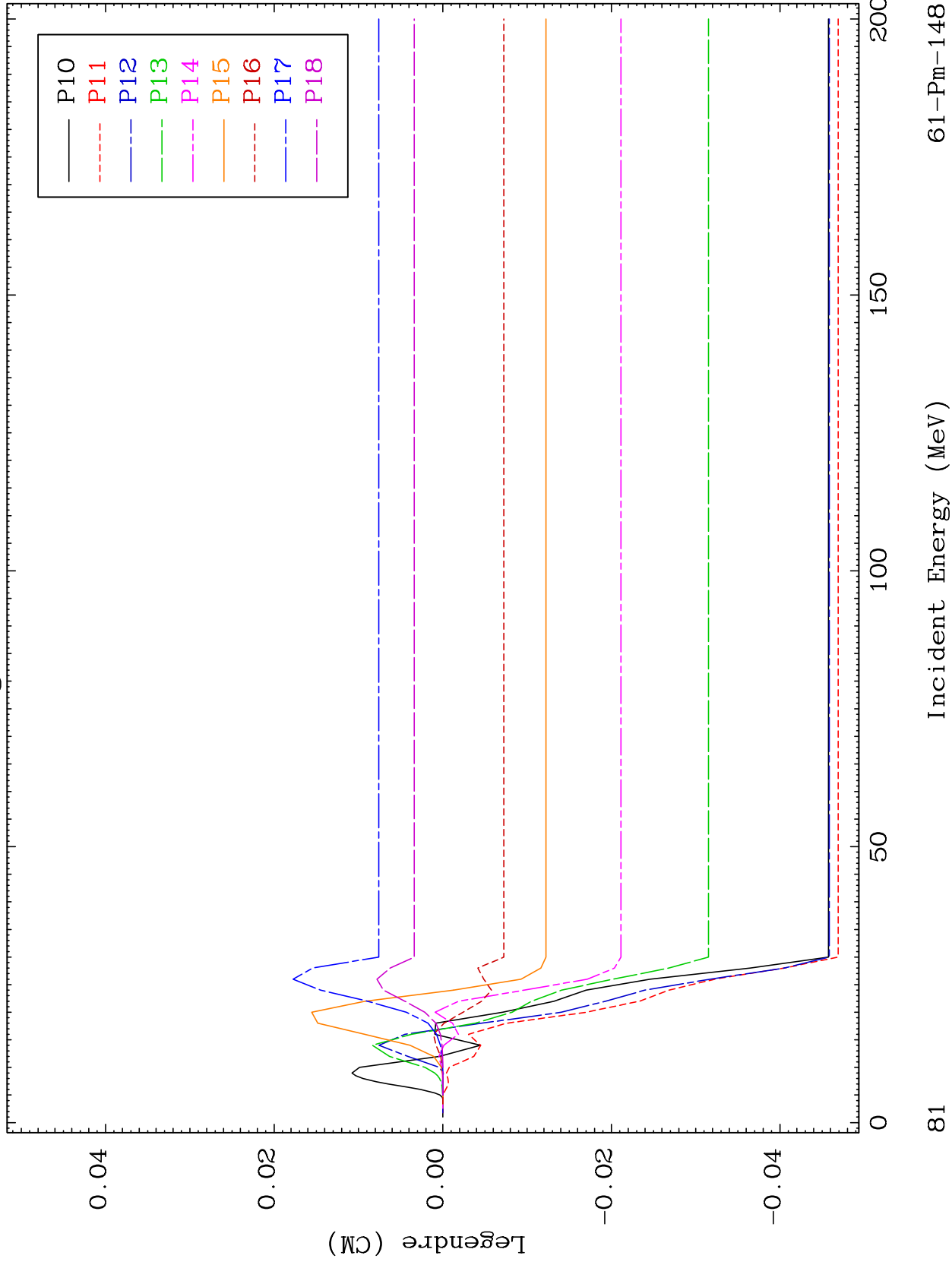
61-Pm-148

Incident Energy (MeV)

MAT 6152

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

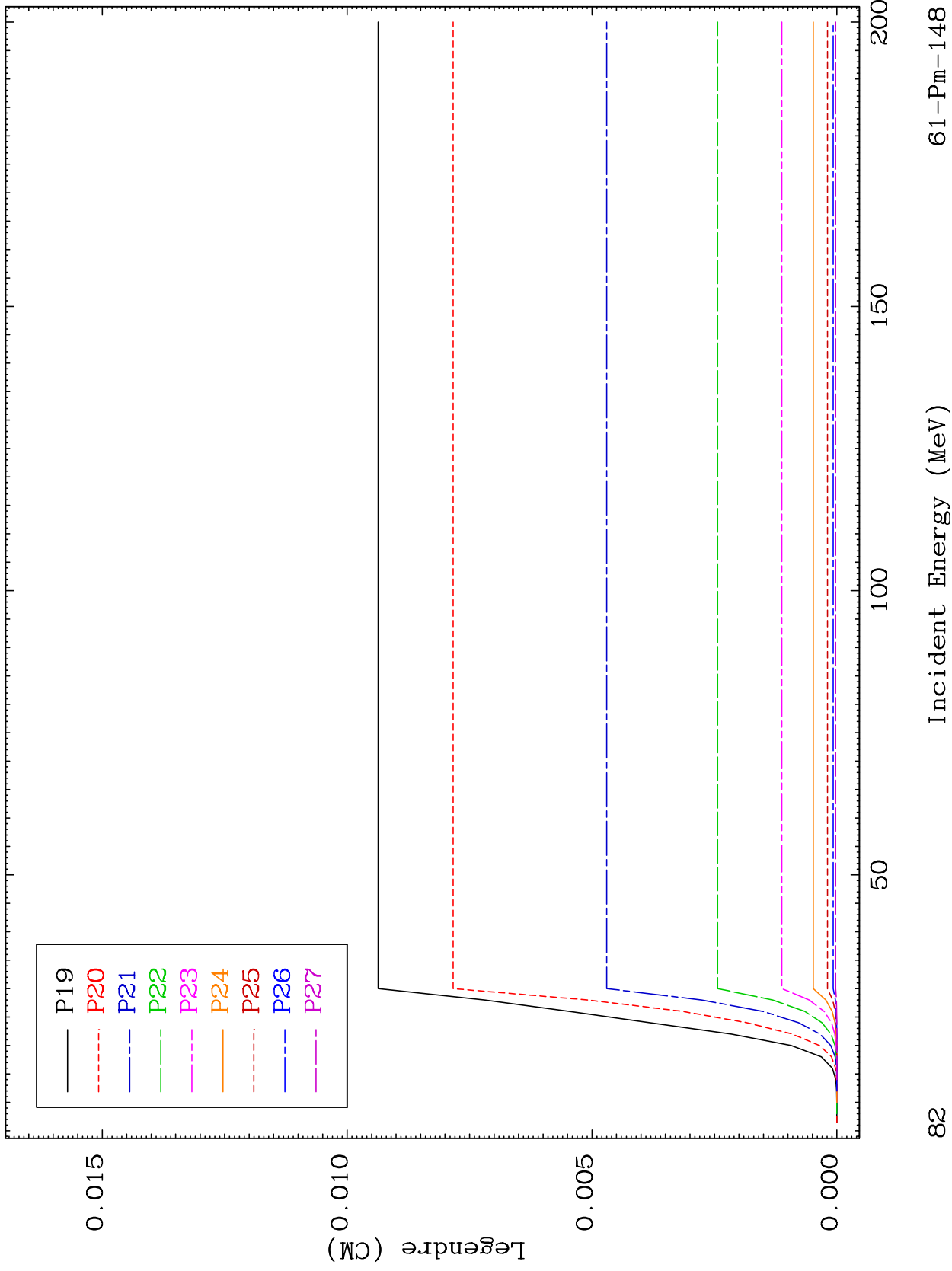
61-Pm-148

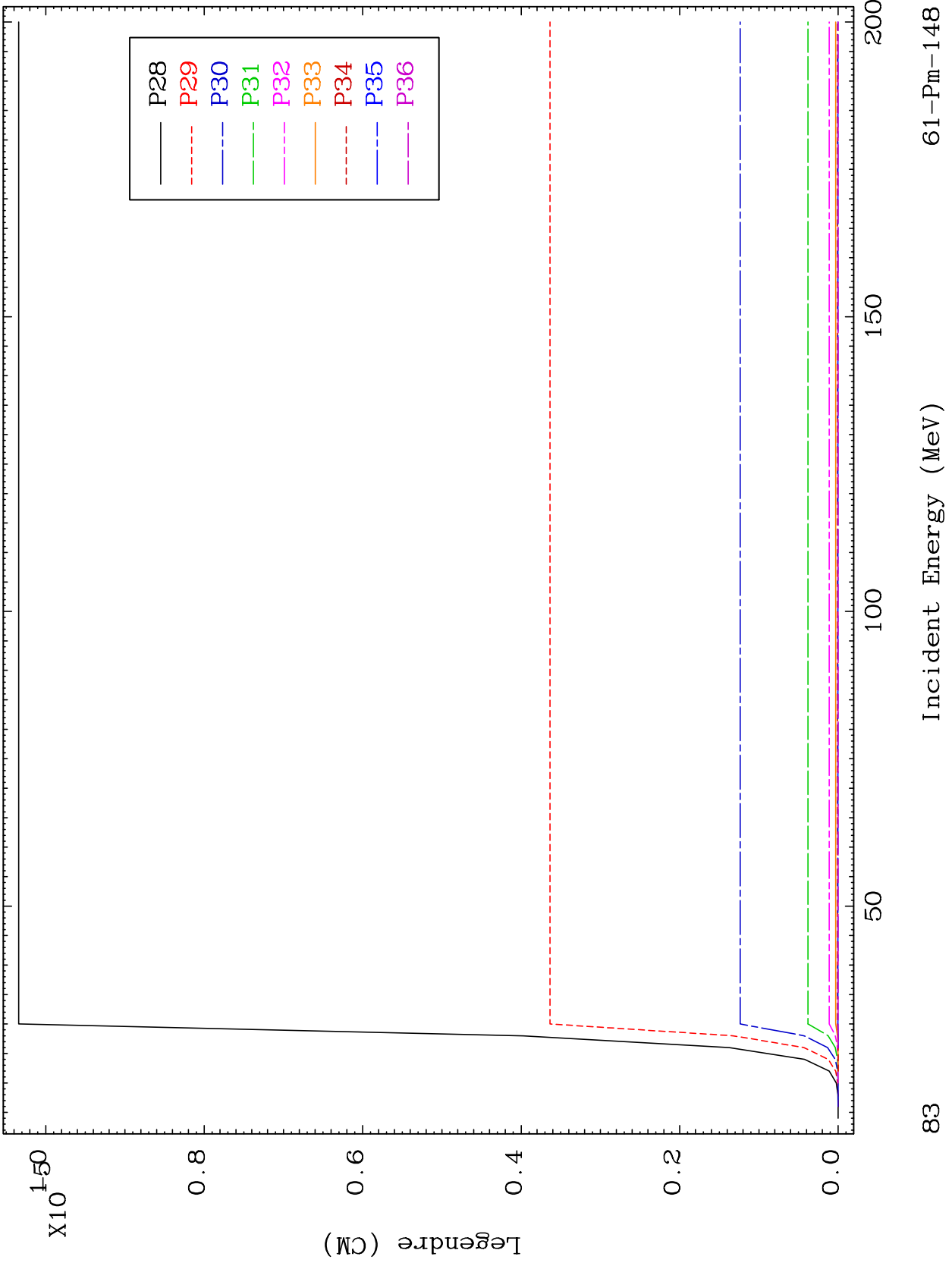


81

Incident Energy (MeV)

61-Pm-148

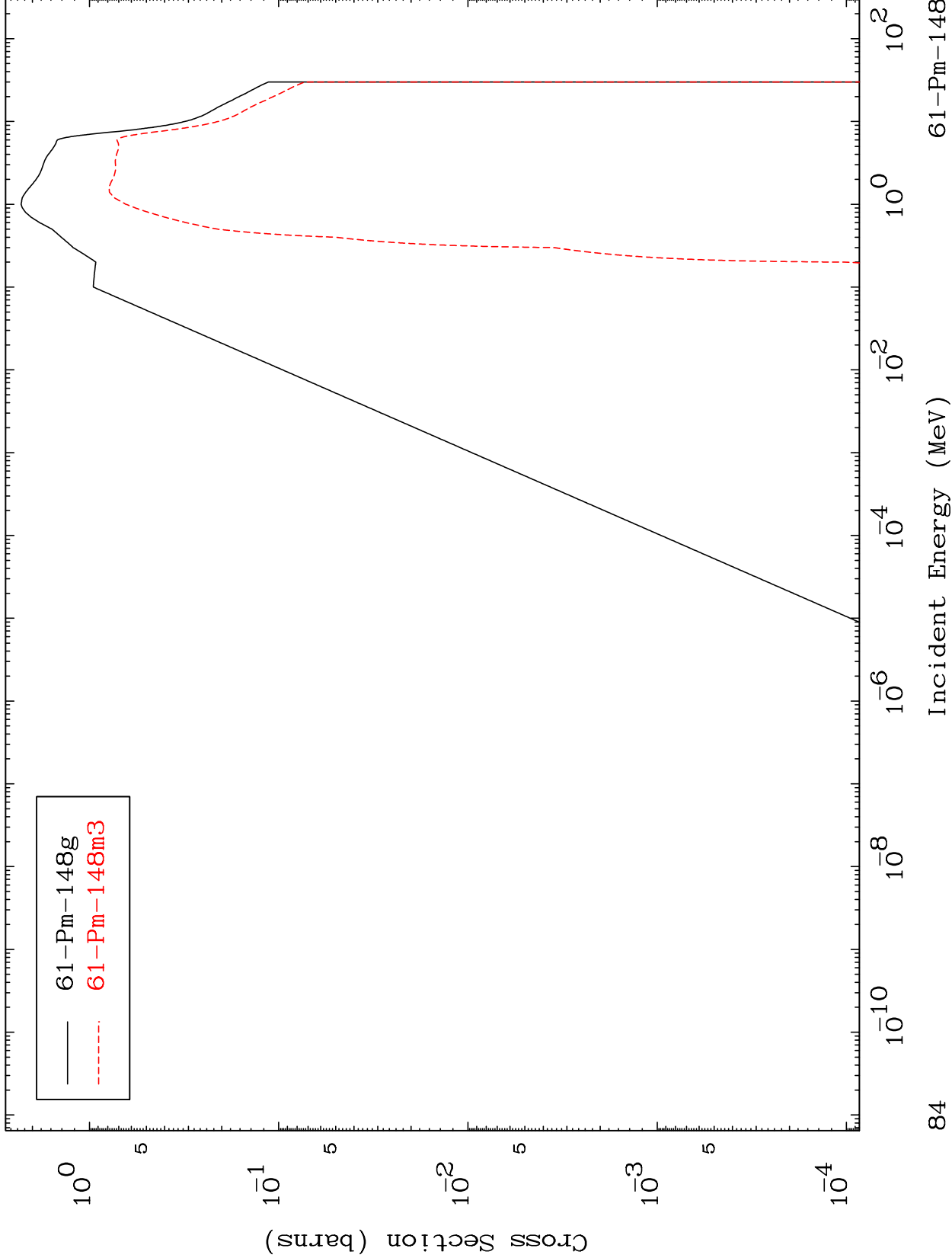




MAT 6152

Inelastic
Radionuclide Production Cross Section

61-Pm-148

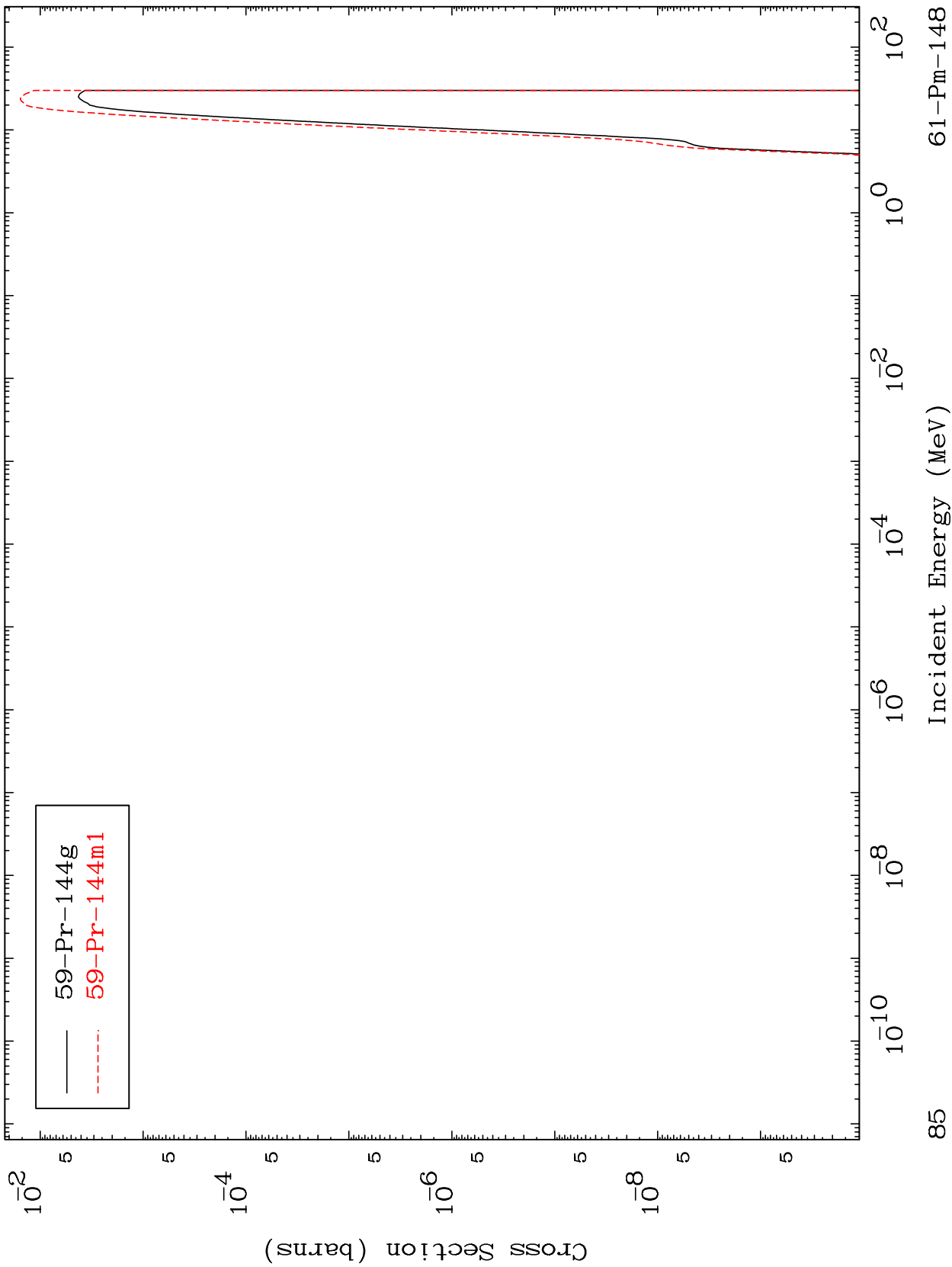


MAT 6152

$(n, n') \alpha$

61-Pm-148

Radionuclide Production Cross Section



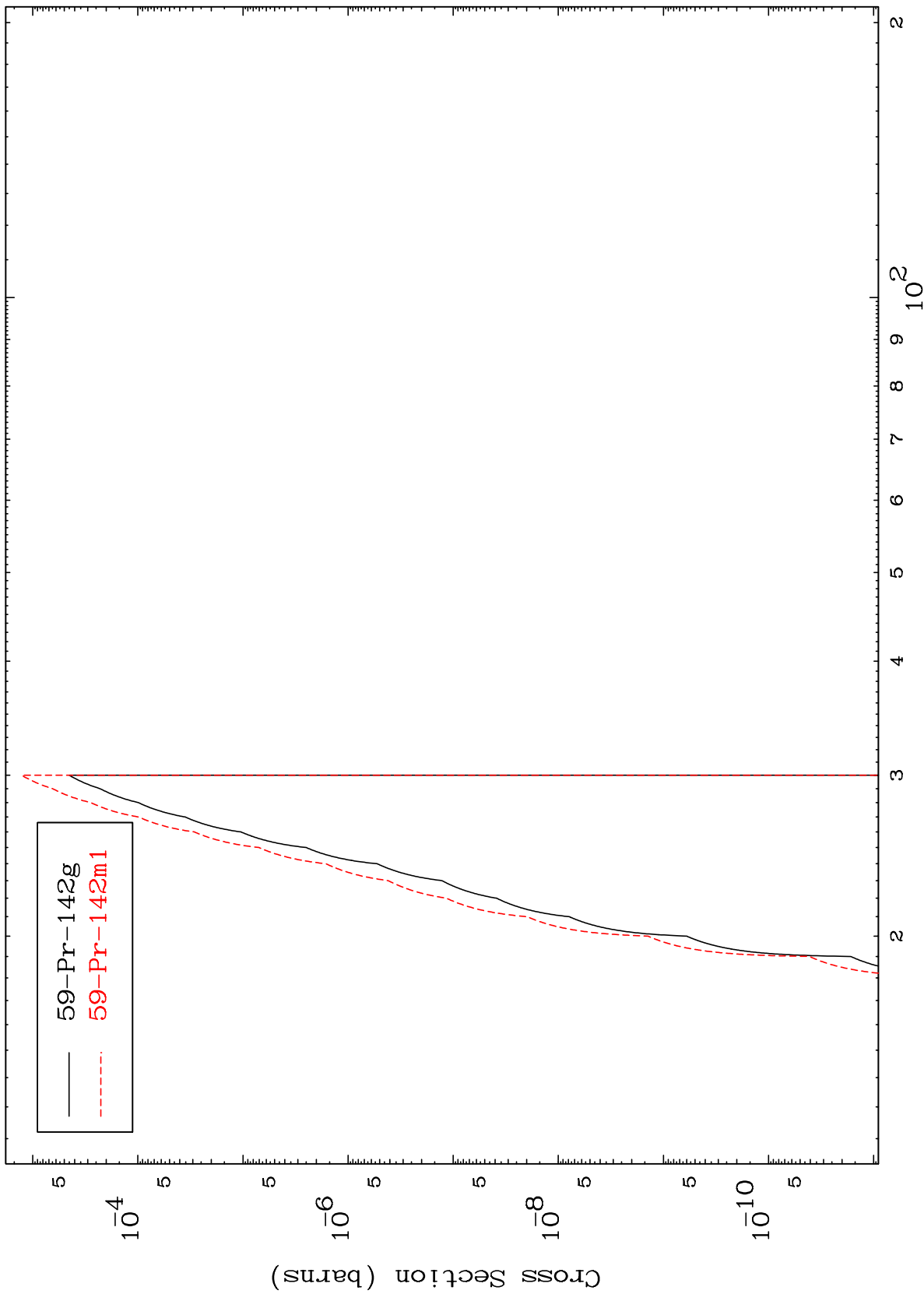
59-Pr-144g
59-Pr-144m1

MAT 6152

(n,3n) α

61-Pm-148

Radionuclide Production Cross Section



86

Incident Energy (MeV)

61-Pm-148