

Program EVALPLOT
(Version 2021-1)

by

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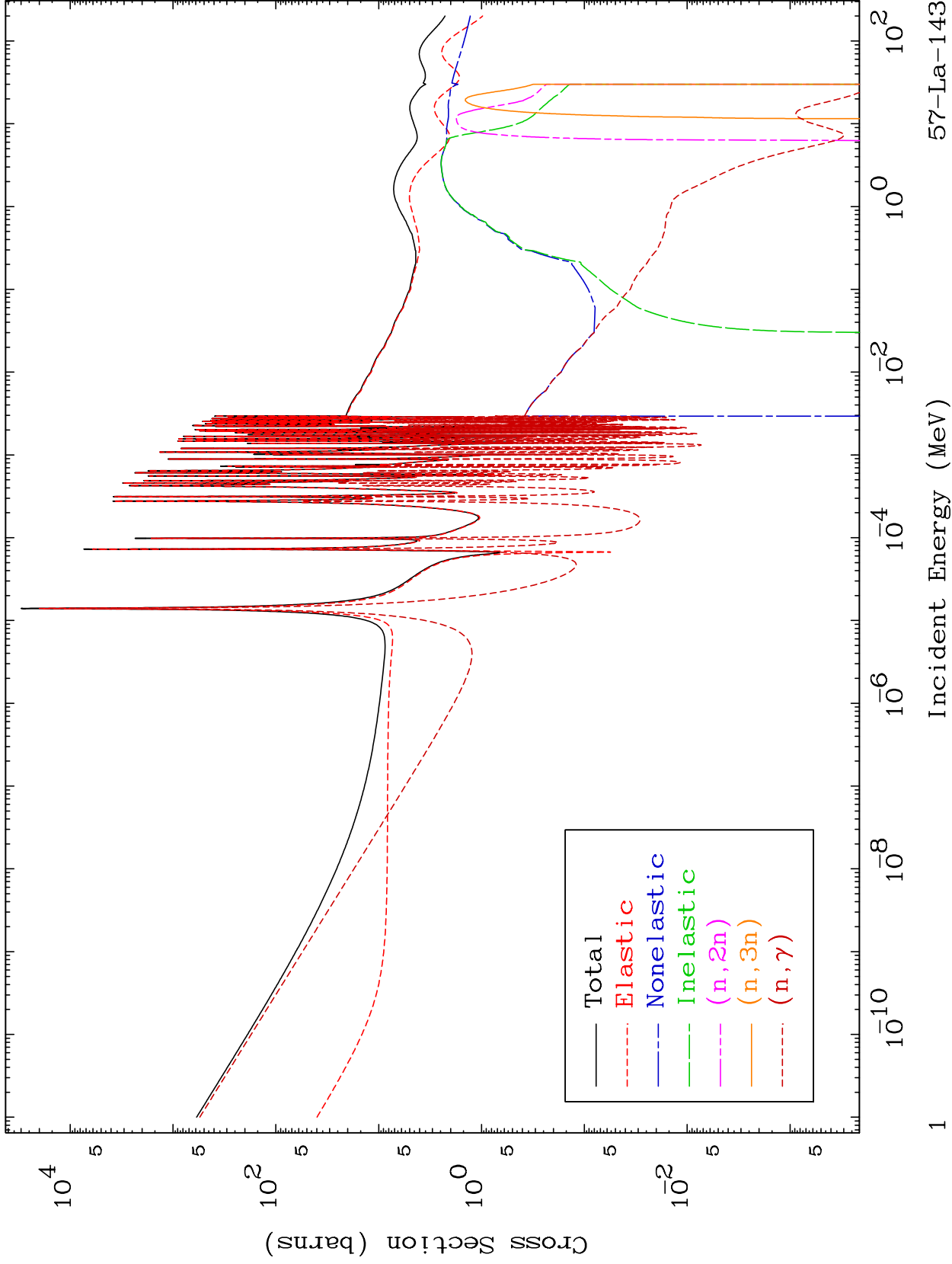
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Press Mouse Button to Start

MAT 5740

Neutron Major
293 Kelvin Cross Sections

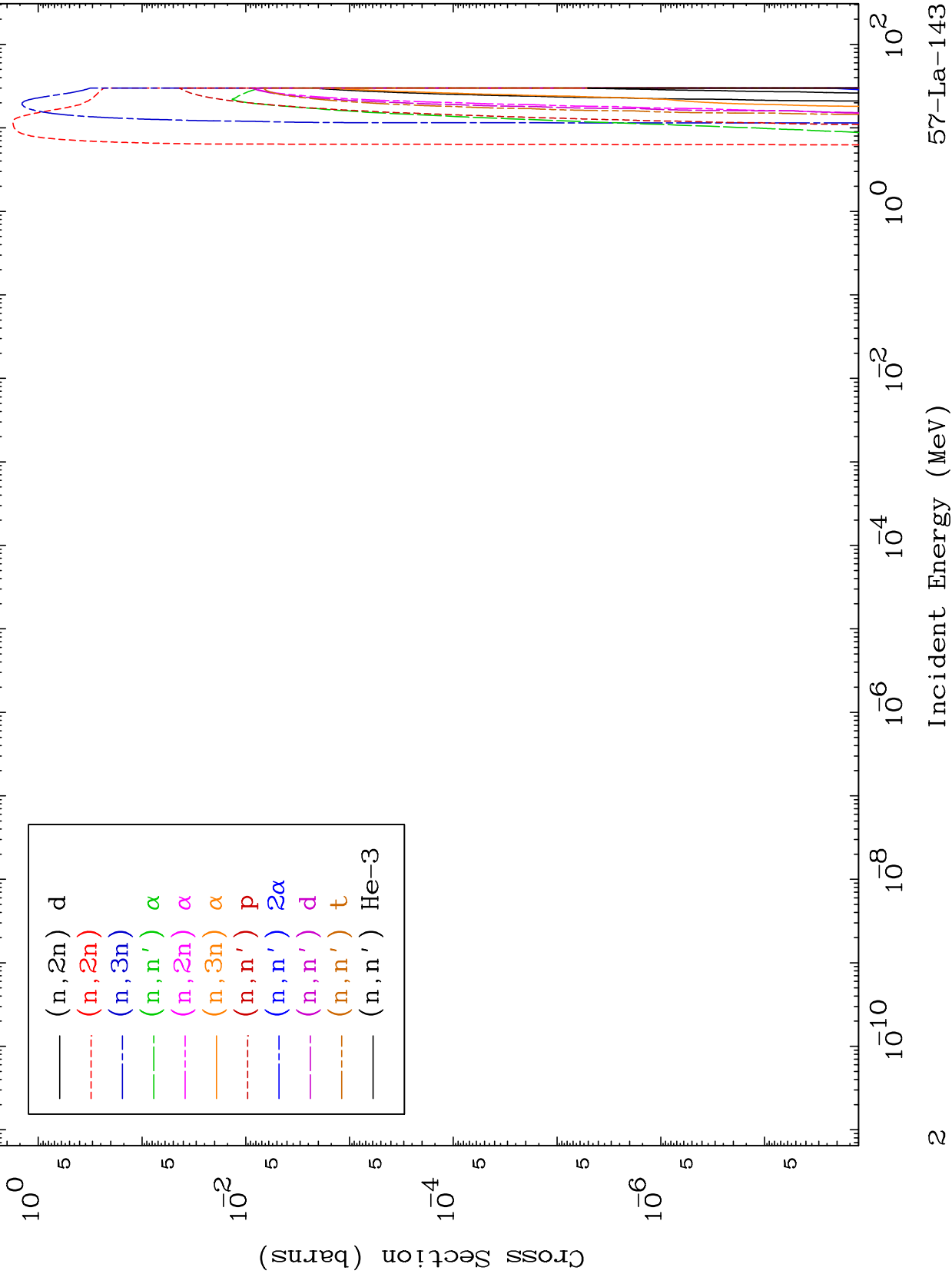
57-La-143



MAT 5740

Neutron Absorption
293 Kelvin Cross Sections

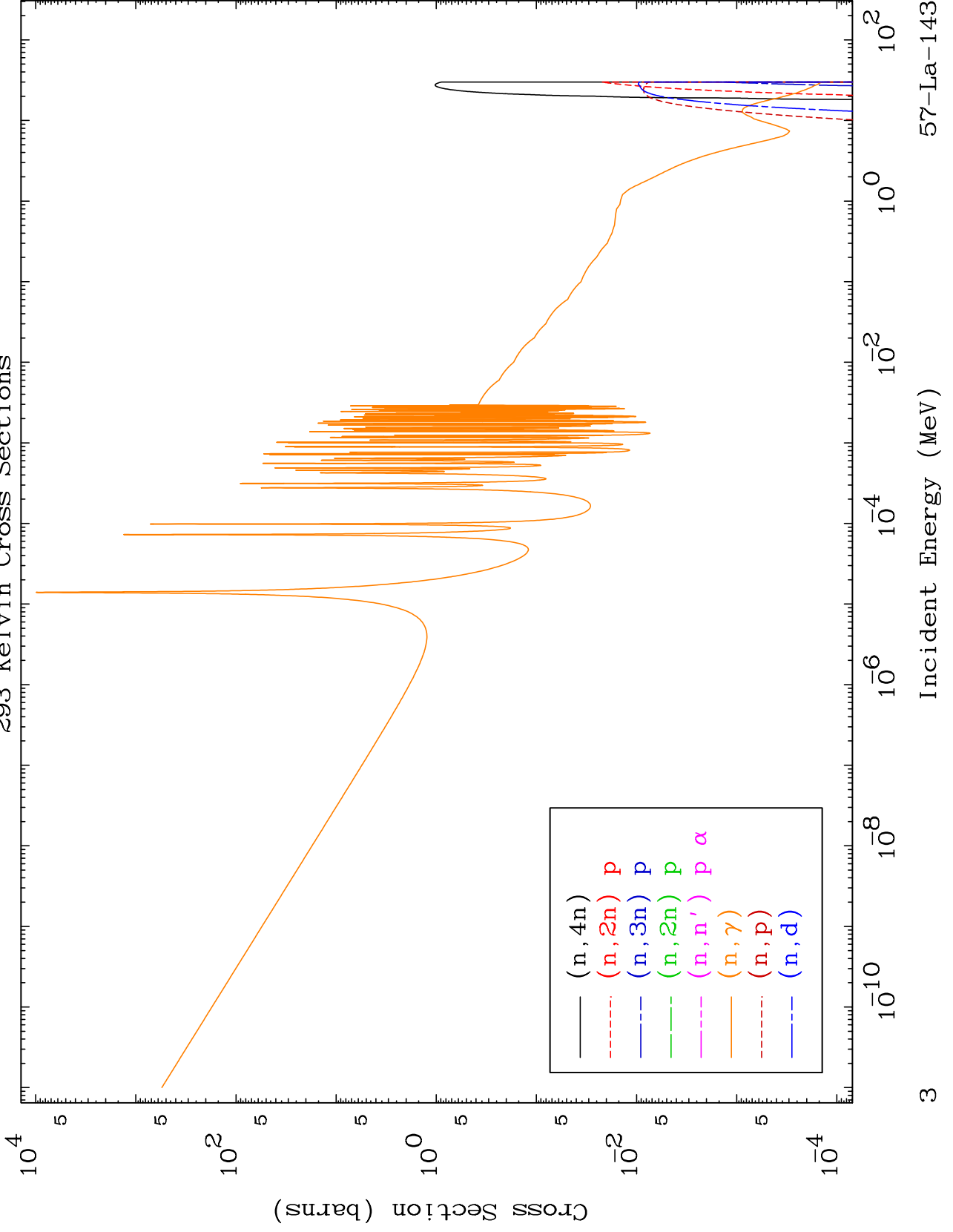
57-La-143



MAT 5740

Neutron Absorption
293 Kelvin Cross Sections

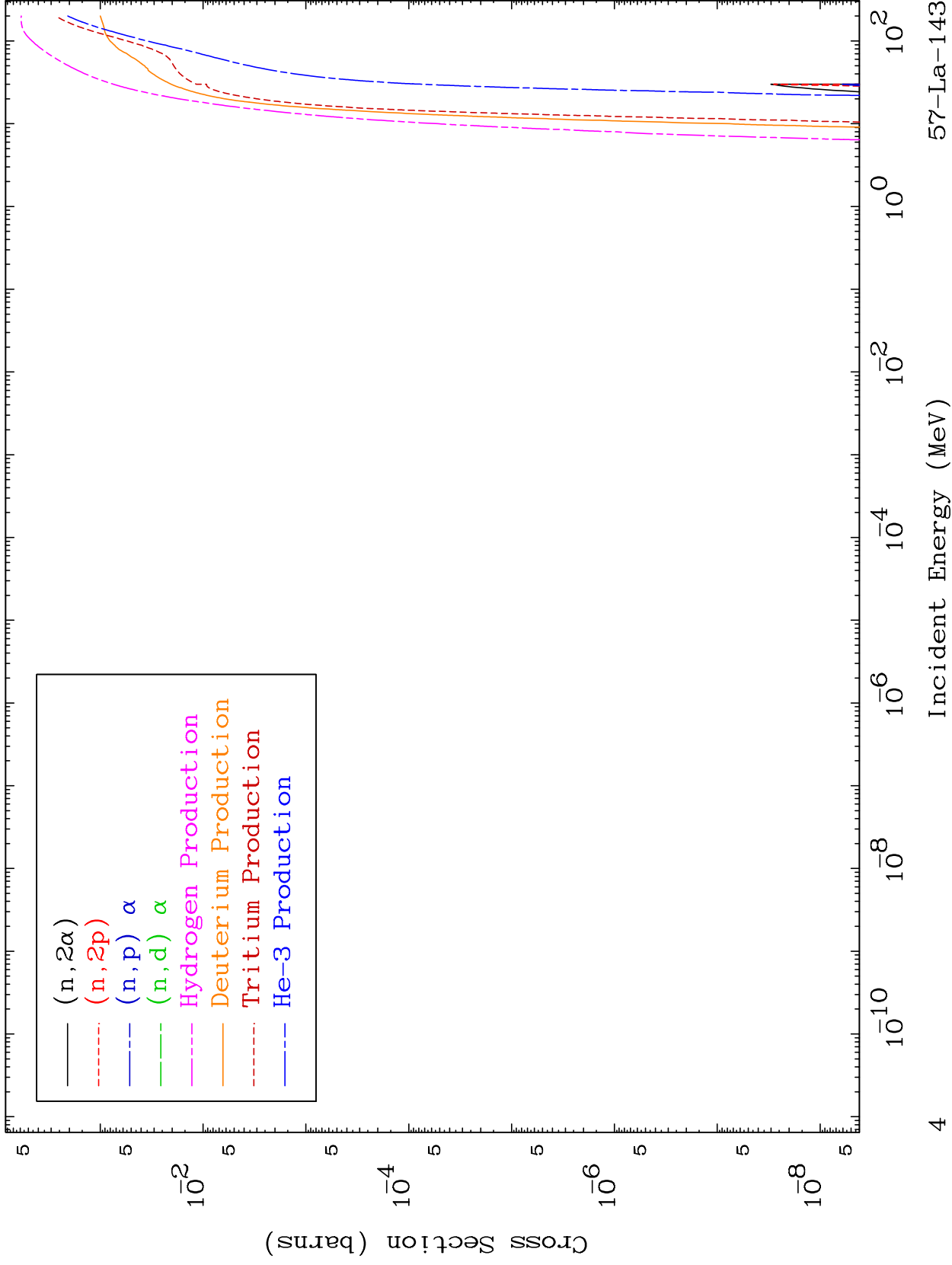
57-La-143



MAT 5740

Neutron Absorption
293 Kelvin Cross Sections

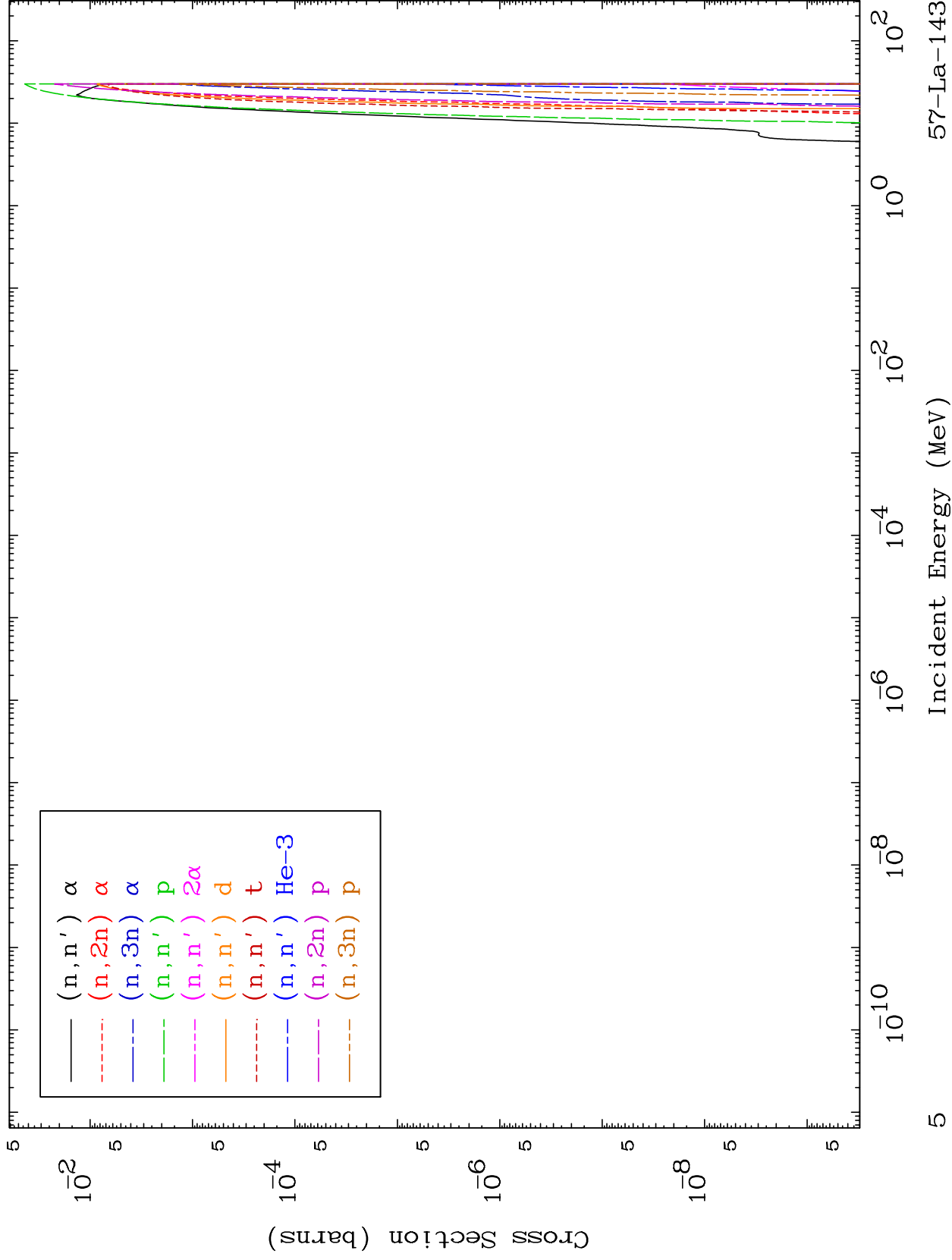
57-La-143



MAT 5740

Charged Particle
293 Kelvin Cross Sections

57-La-143



57-La-143

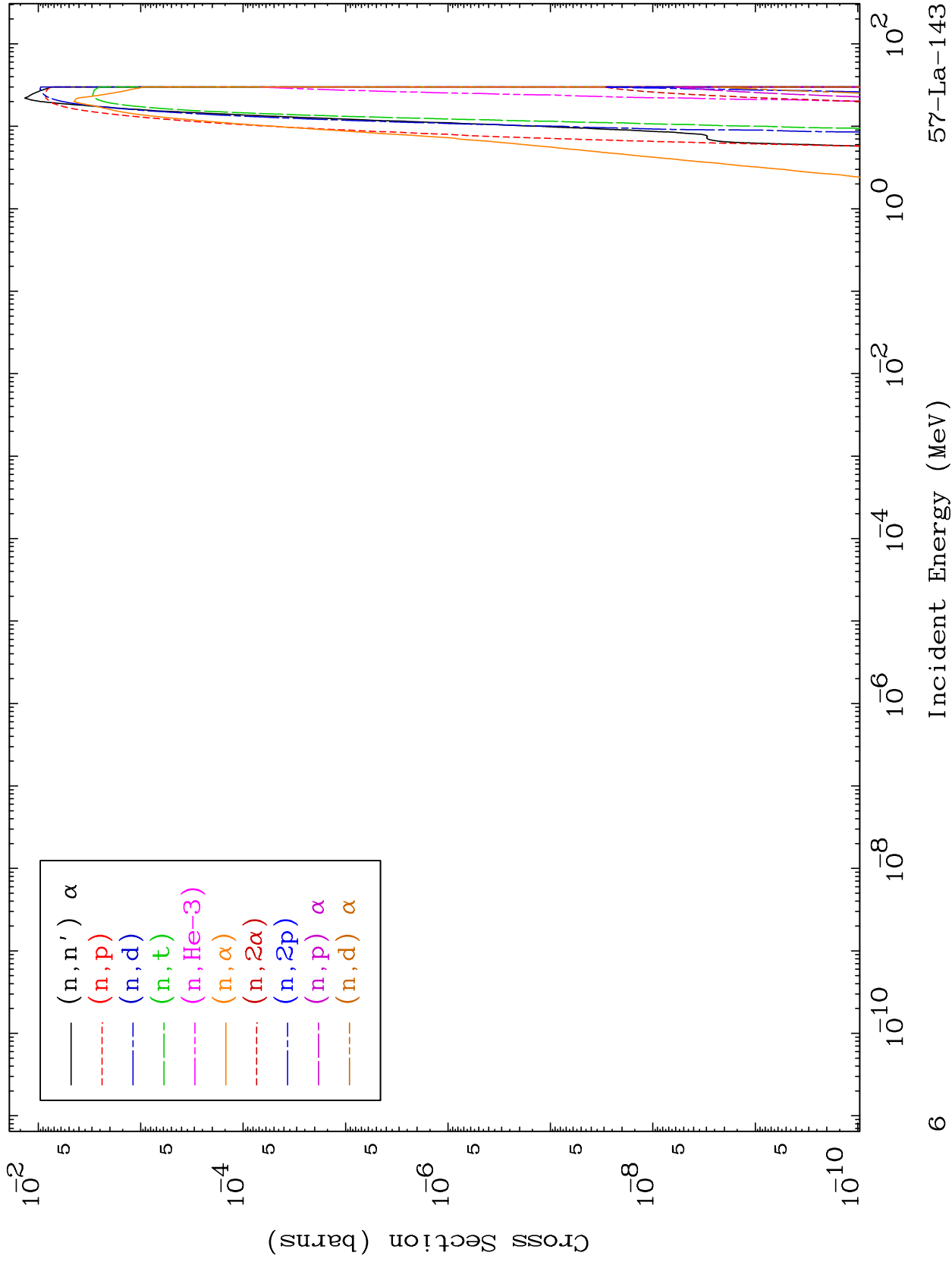
Incident Energy (MeV)

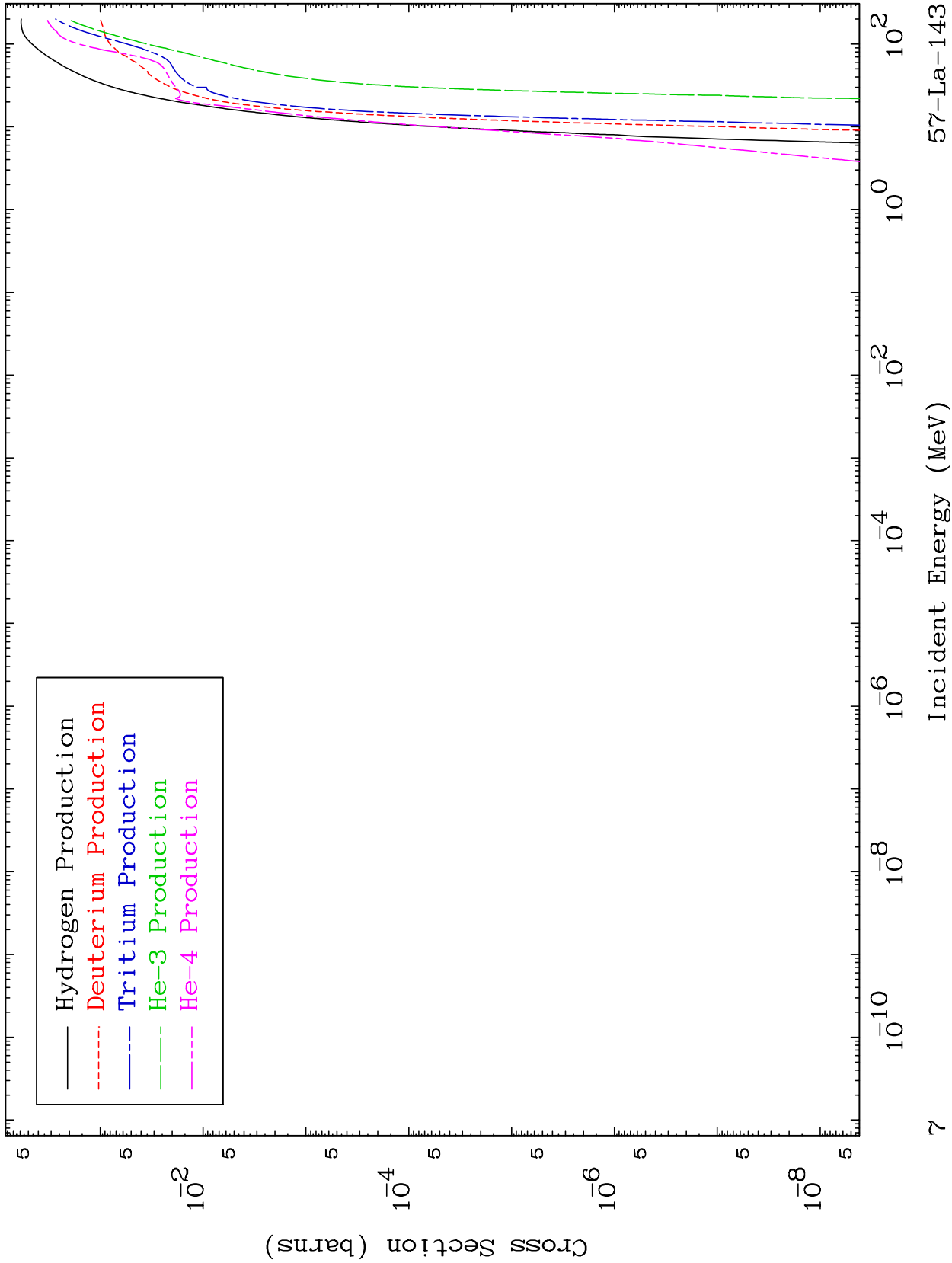
5

MAT 5740

Charged Particle
293 Kelvin Cross Sections

57-La-143

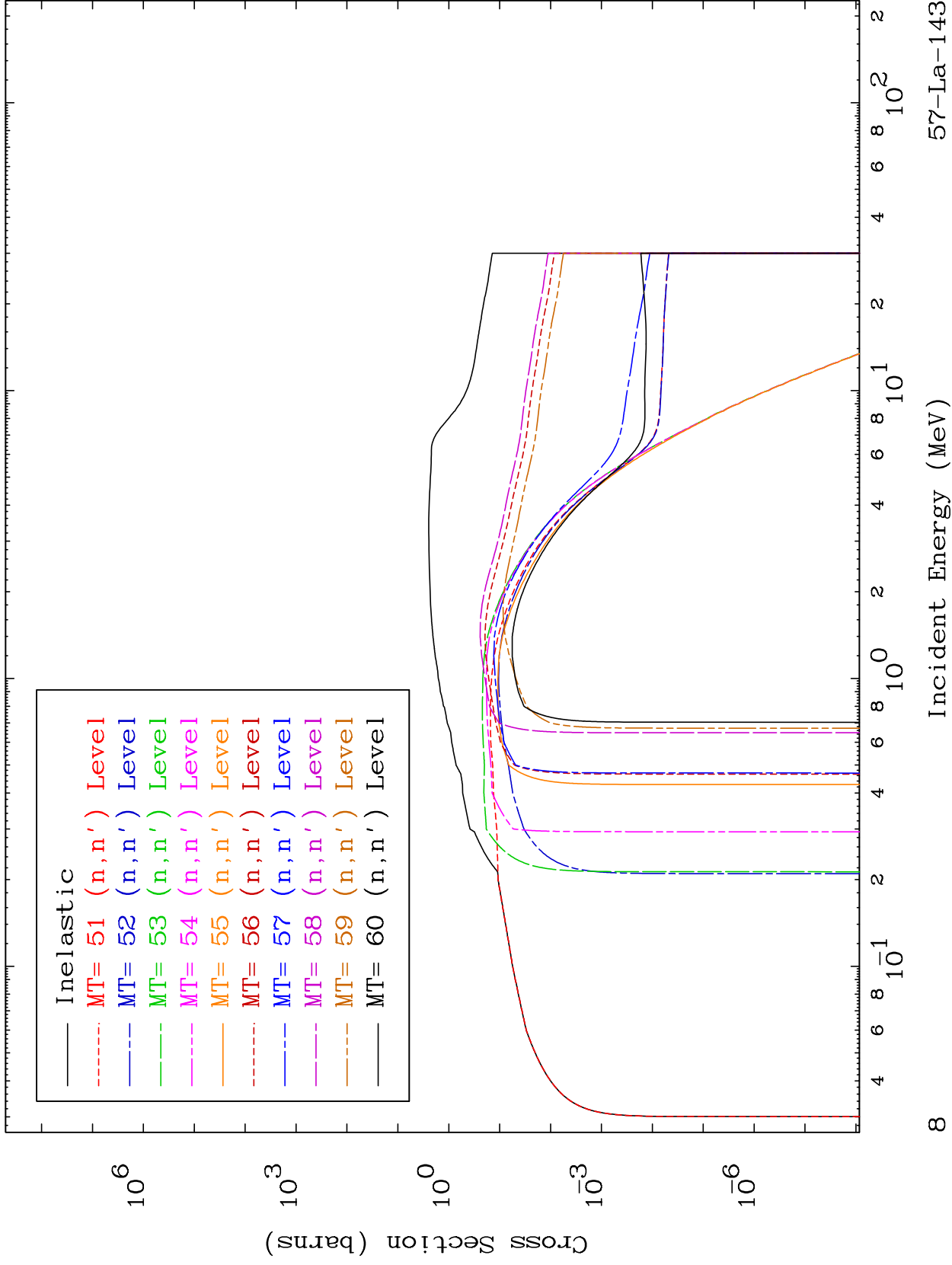


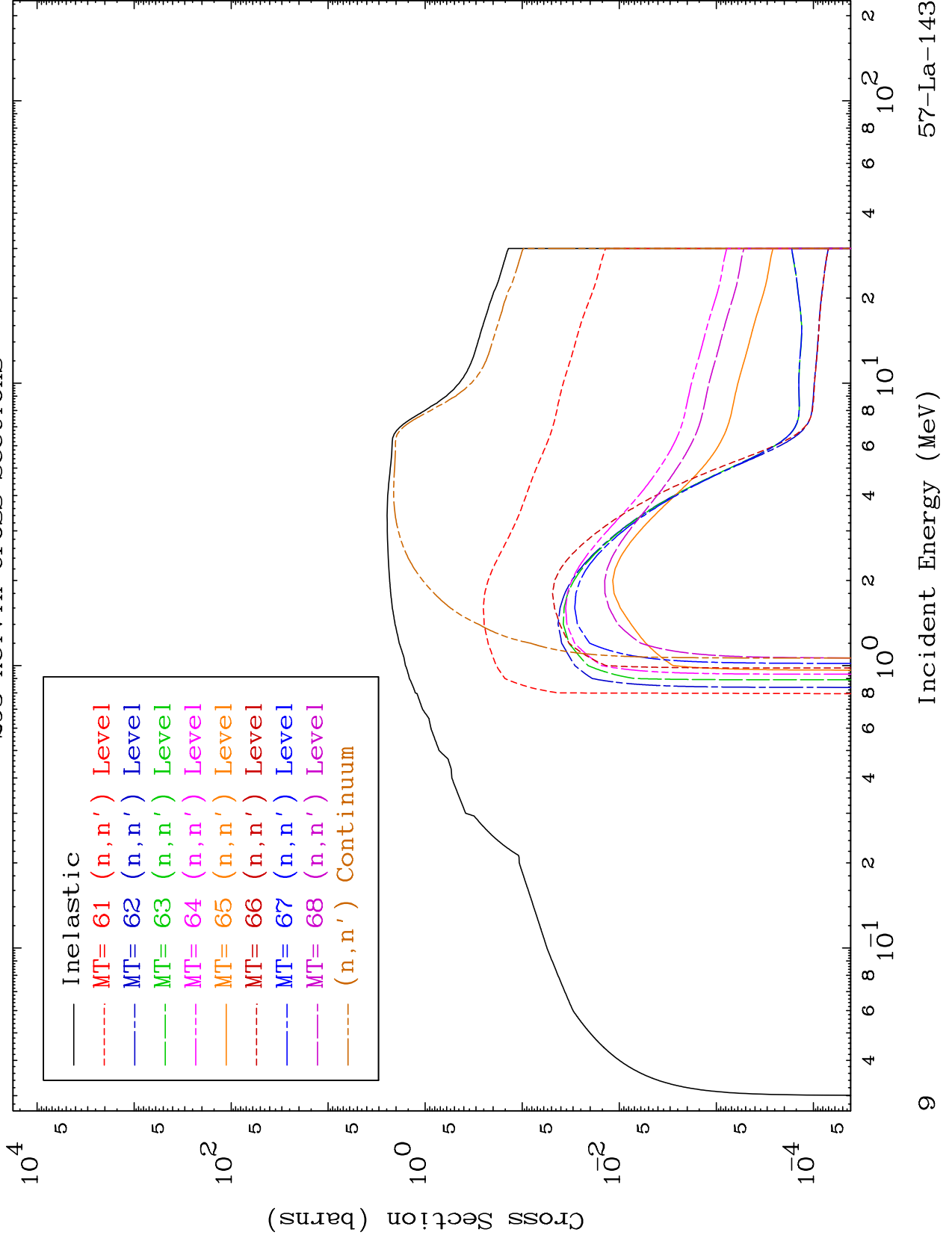


MAT 5740

(n,n') Levels
293 Kelvin Cross Sections

57-La-143

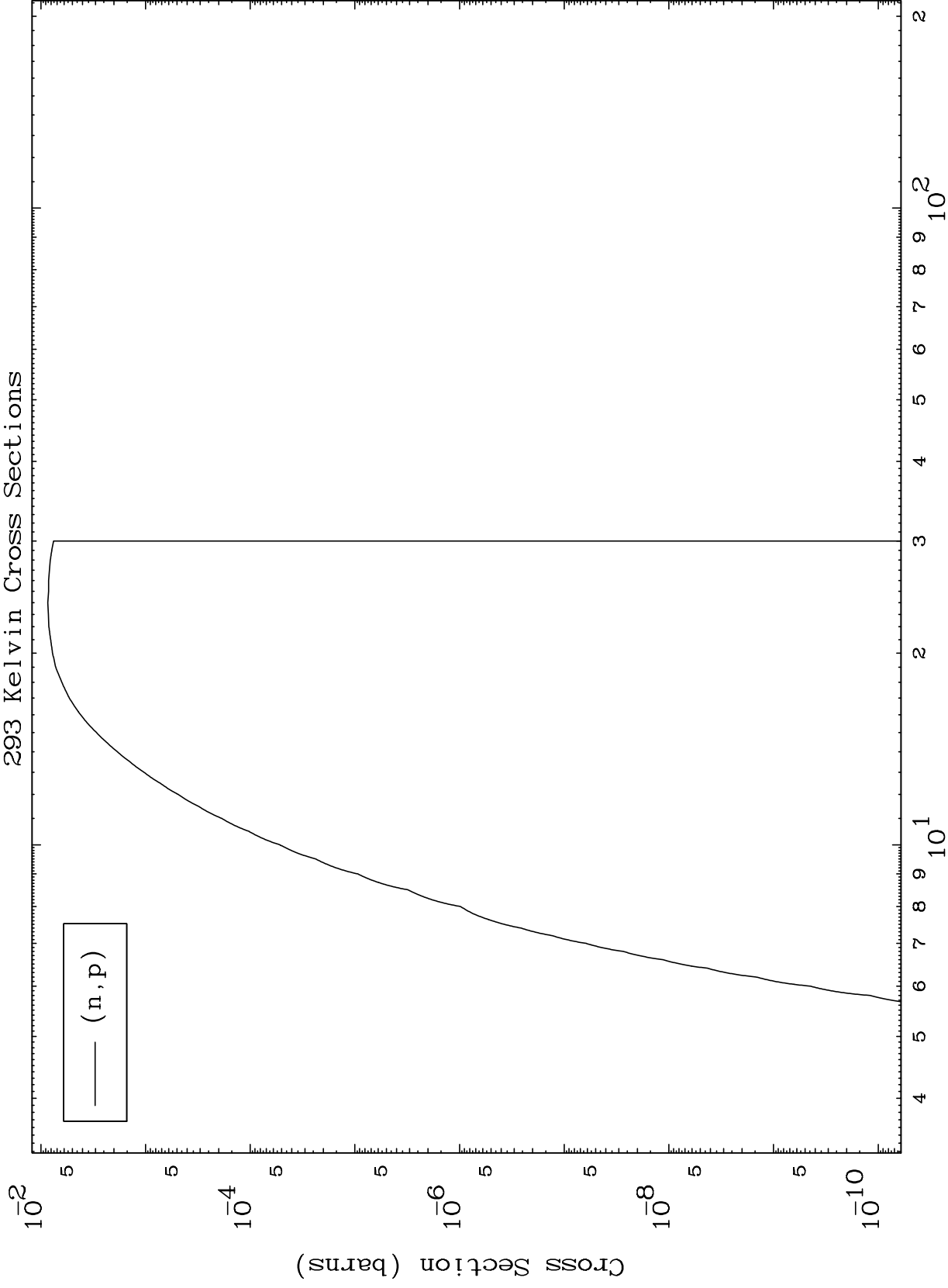




MAT 5740

(n,p) Levels
293 Kelvin Cross Sections

57-La-143



10

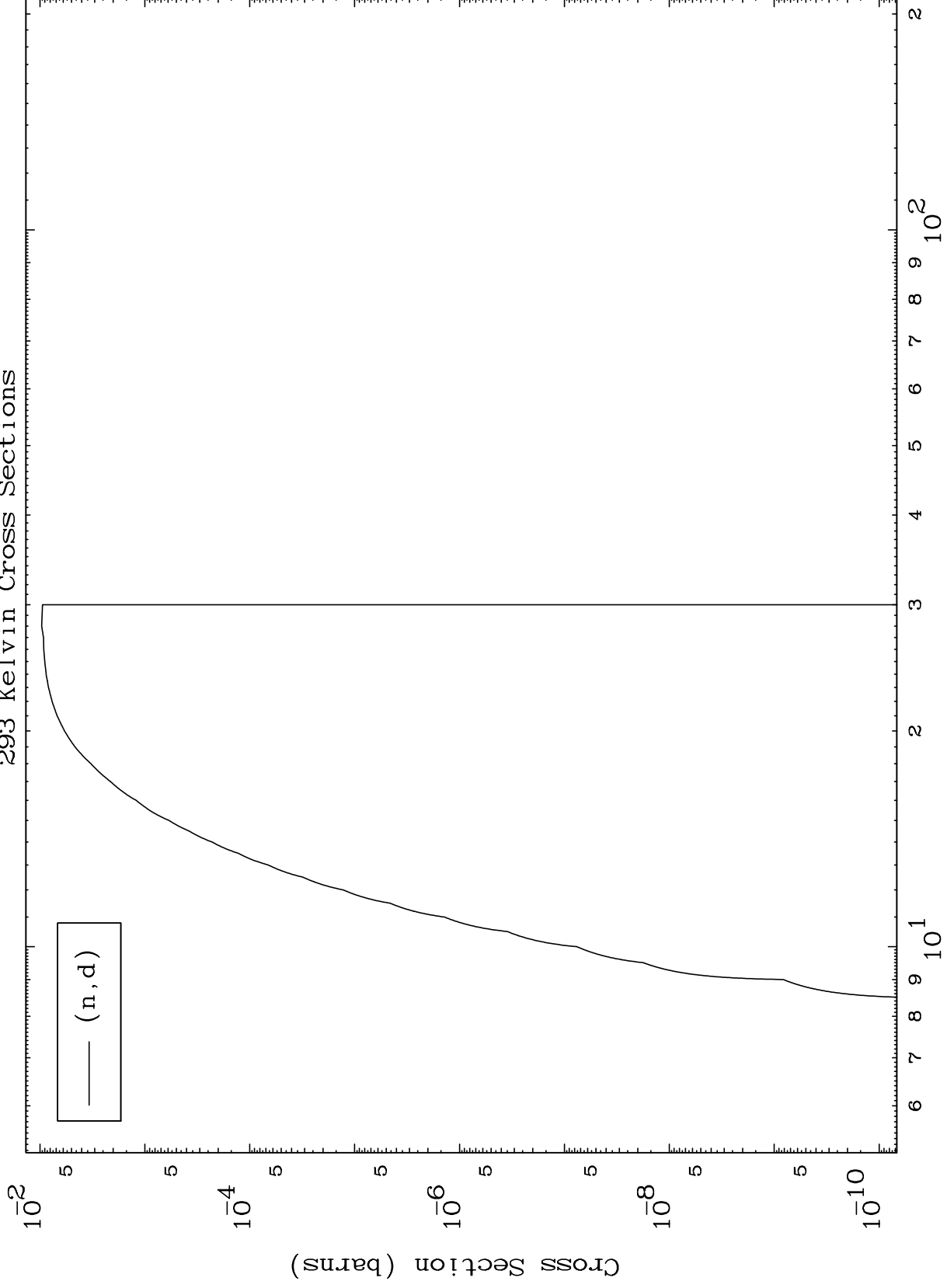
Incident Energy (MeV)

57-La-143

MAT 5740

(n,d) Levels
293 Kelvin Cross Sections

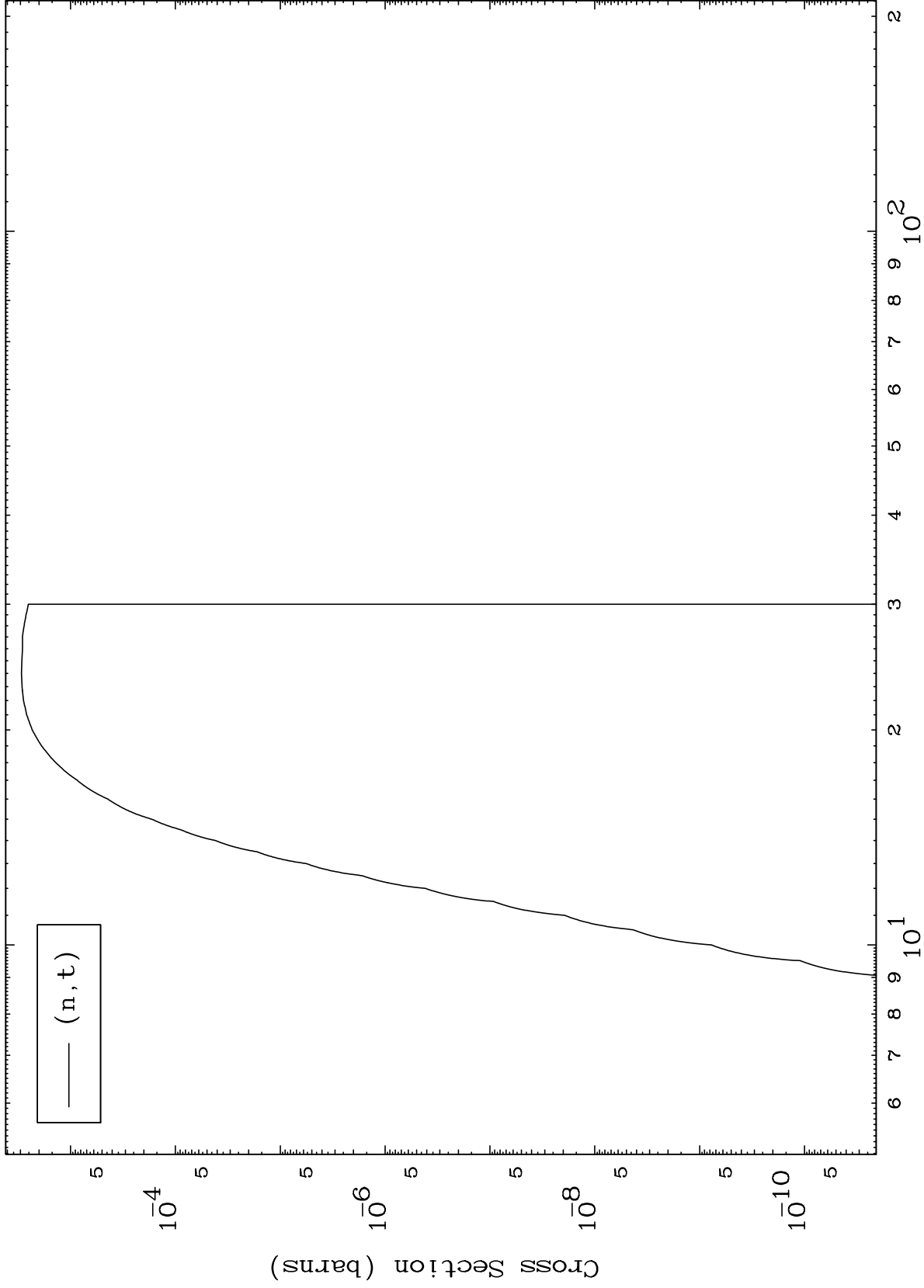
57-La-143



MAT 5740

(n,t) Levels
293 Kelvin Cross Sections

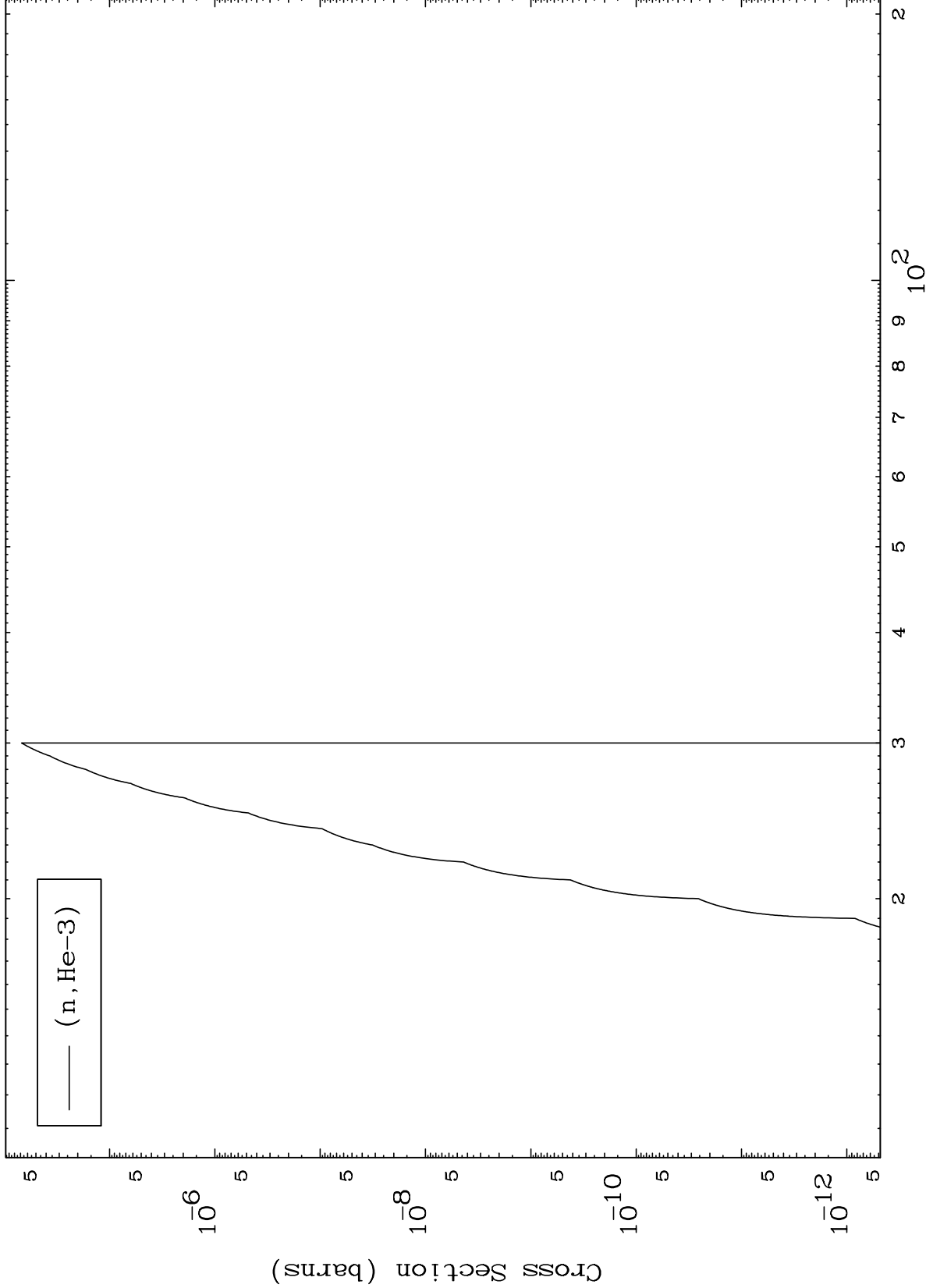
57-La-143



12

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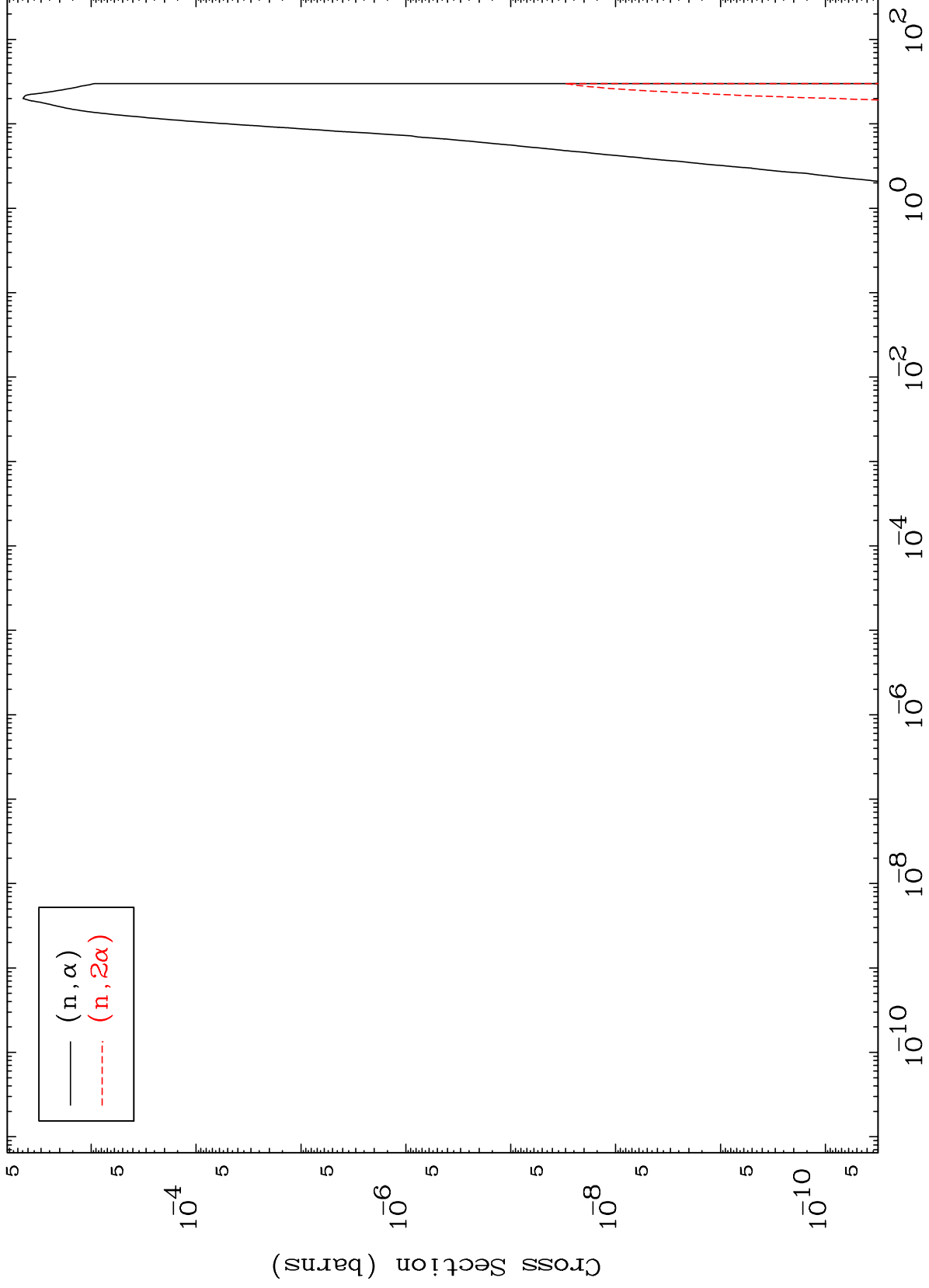
57-La-143



MAT 5740

(n, α) Levels
293 Kelvin Cross Sections

57-La-143



14

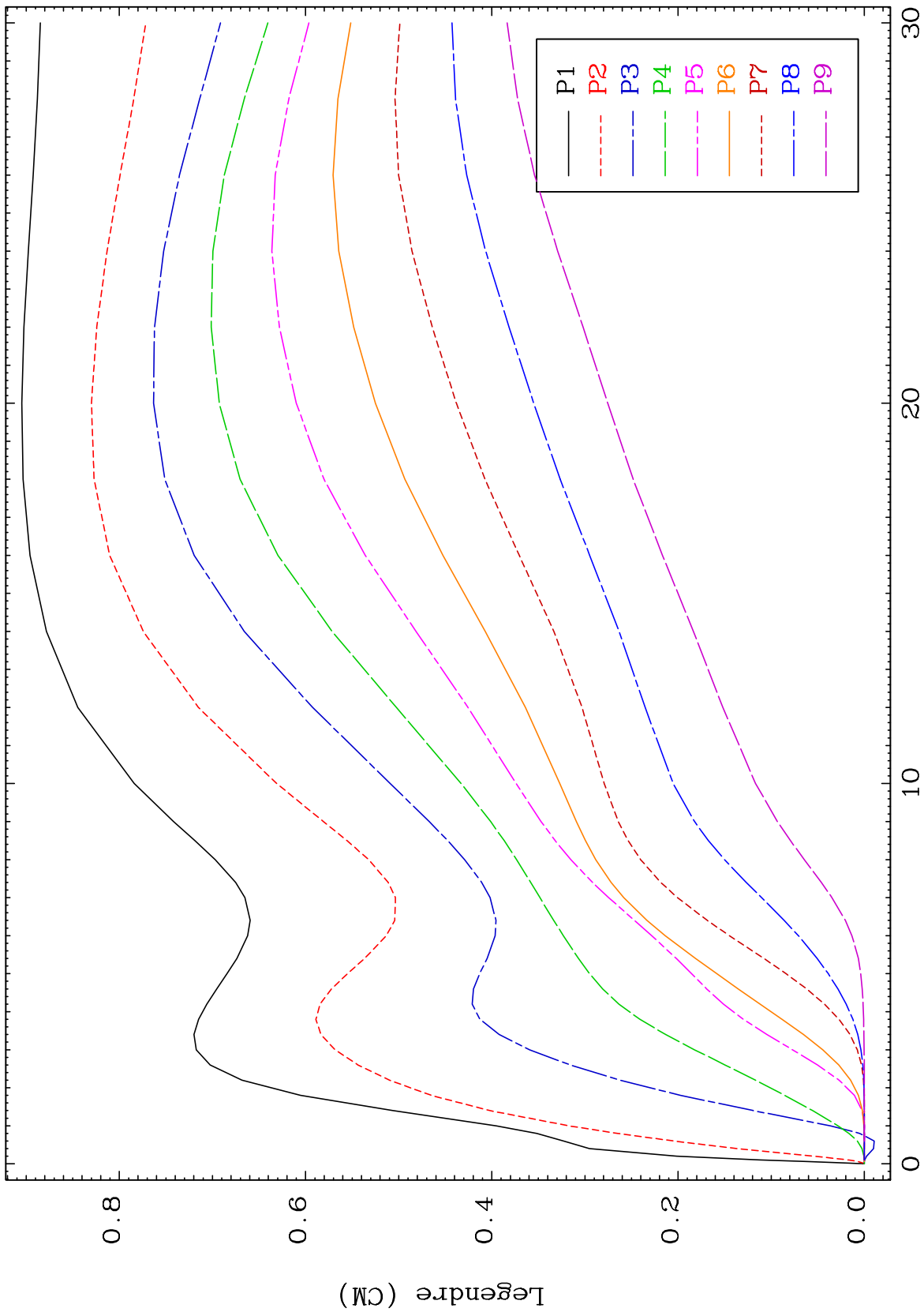
Incident Energy (MeV)

57-La-143

MAT 5740

Elastic Legendre Coefficients

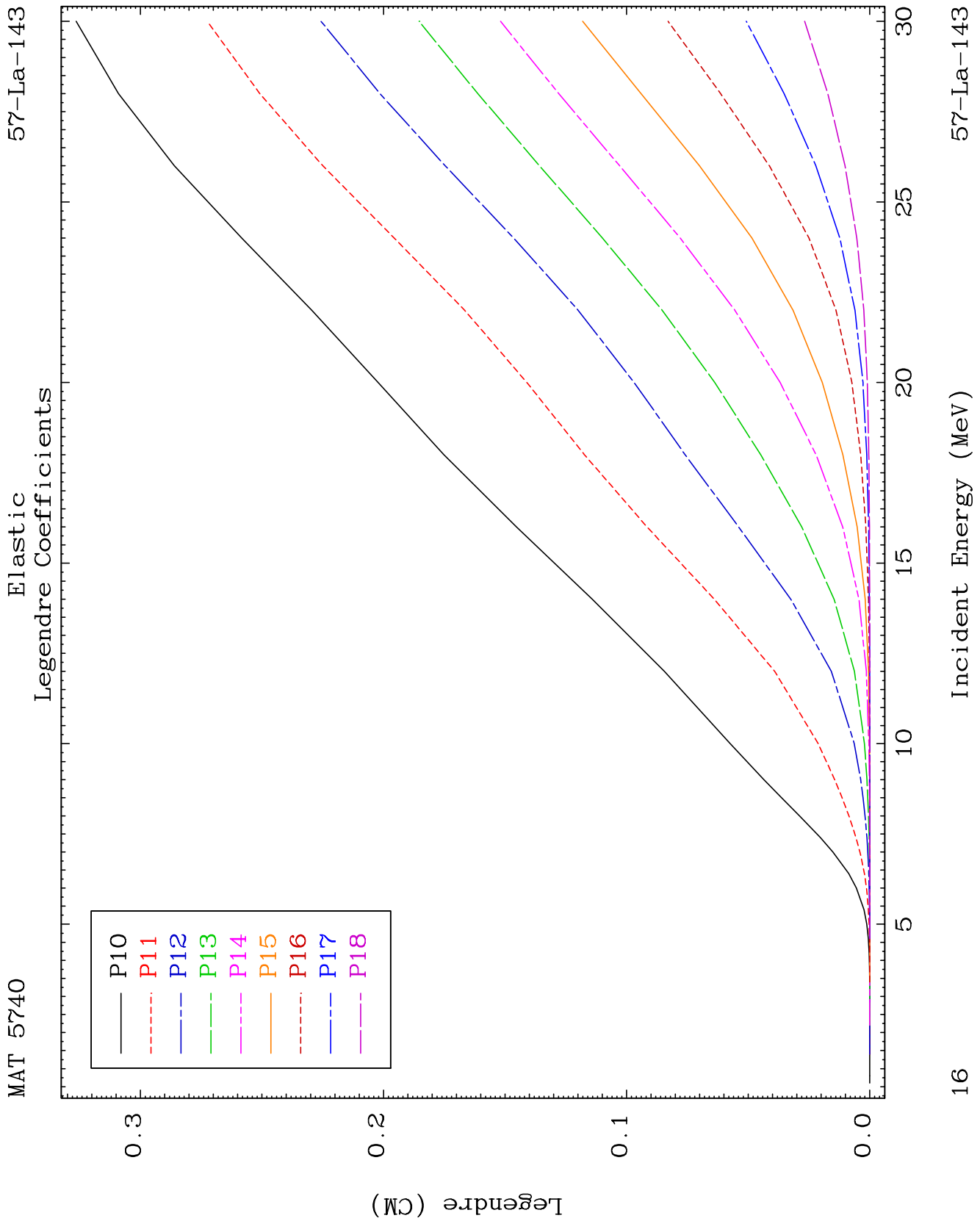
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15

Incident Energy (MeV)

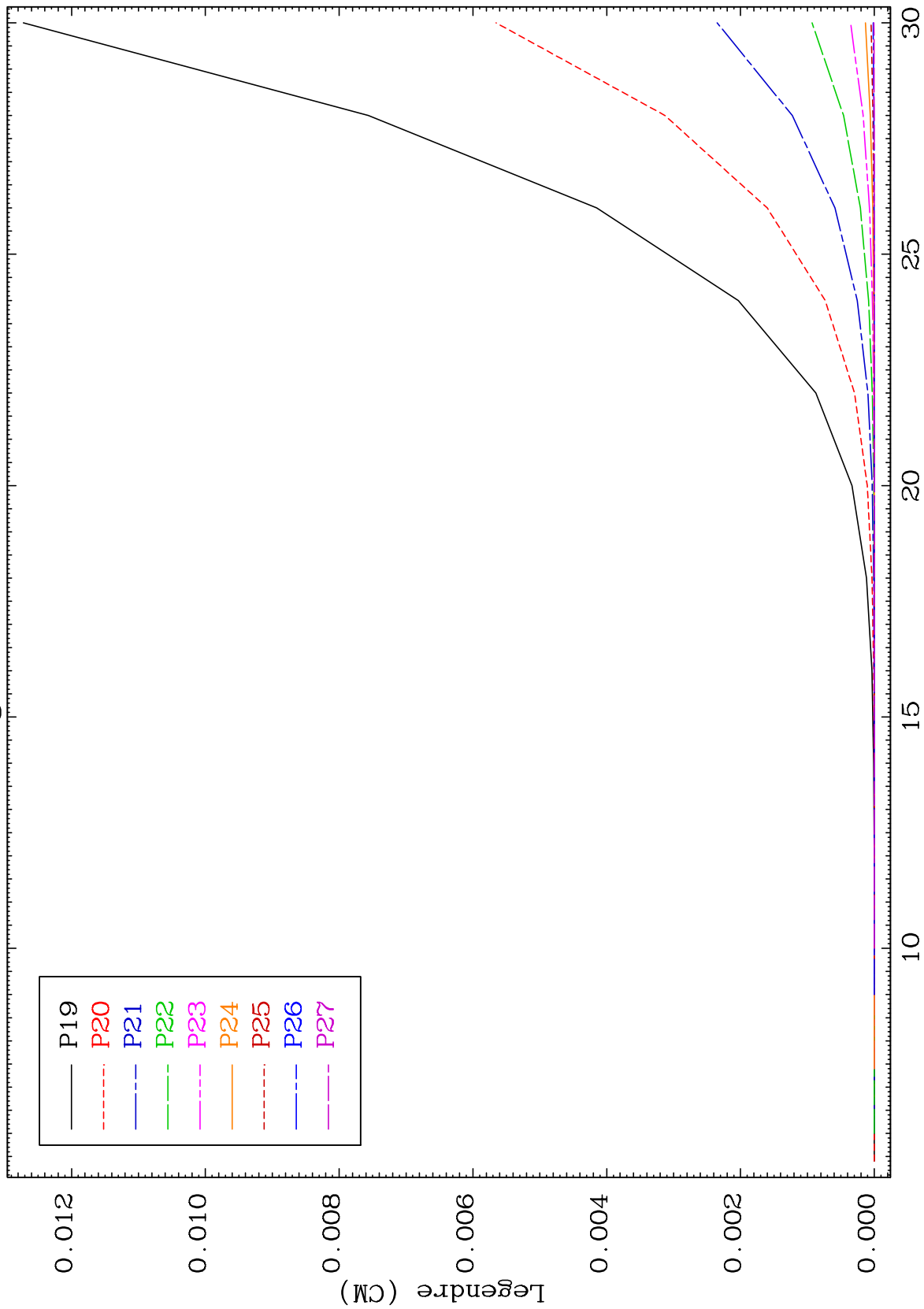
57-La-143



MAT 5740

Elastic Legendre Coefficients

57-La-143



17

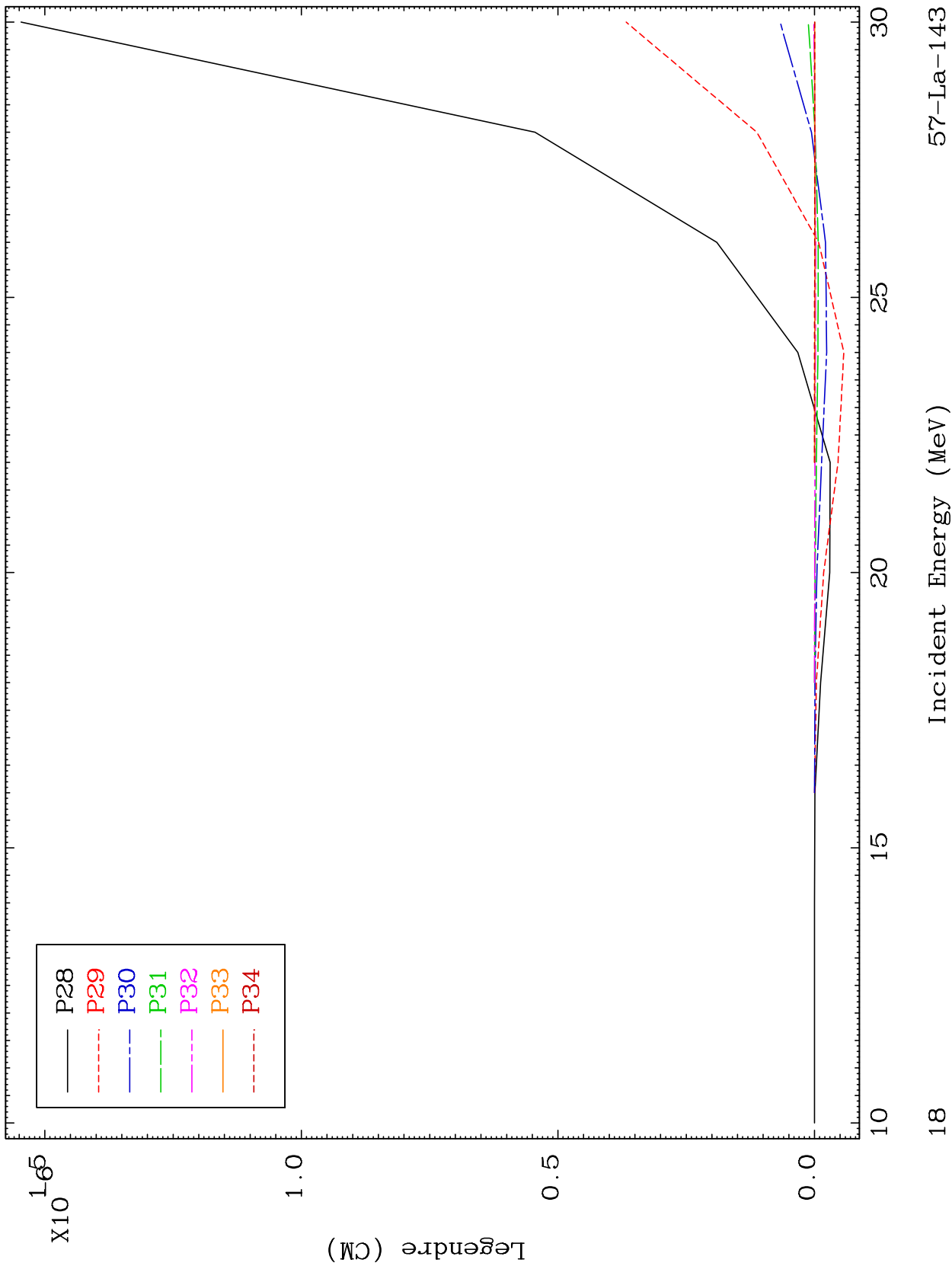
Incident Energy (MeV)

57-La-143

MAT 5740

Elastic
Legendre Coefficients

57-La-143



18

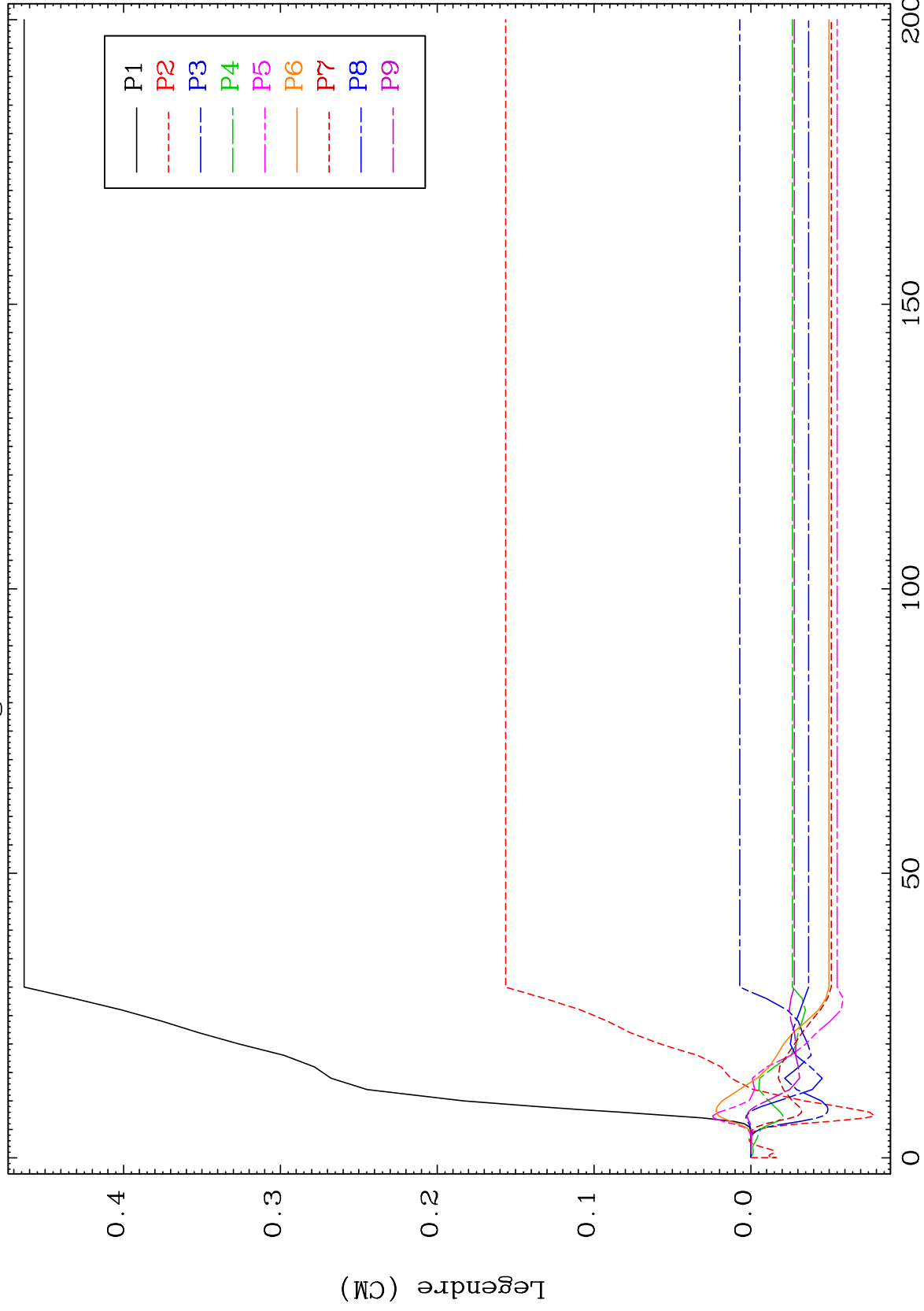
Incident Energy (MeV)

57-La-143

MAT 5740

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

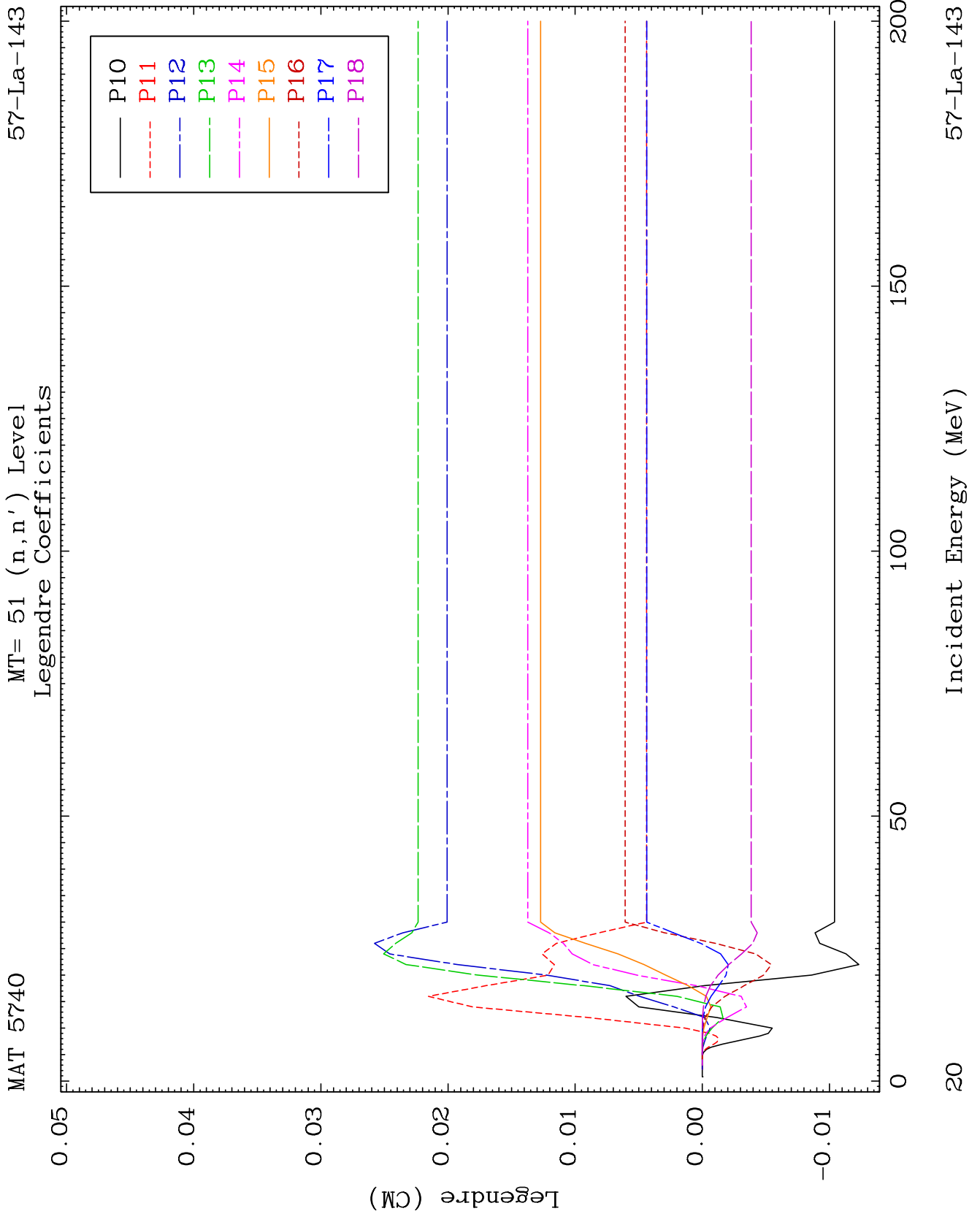
57-La-143



19

Incident Energy (MeV)

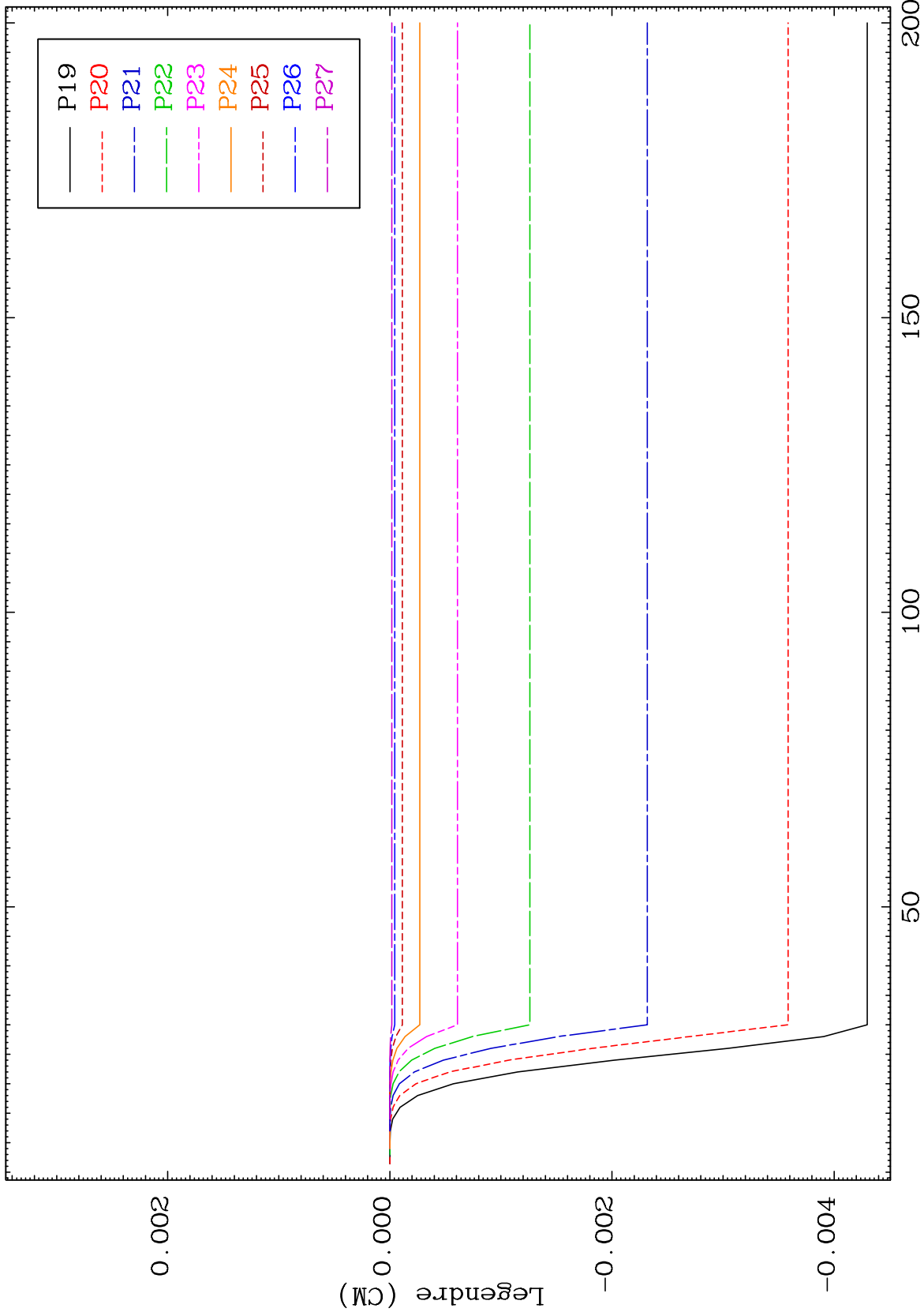
57-La-143

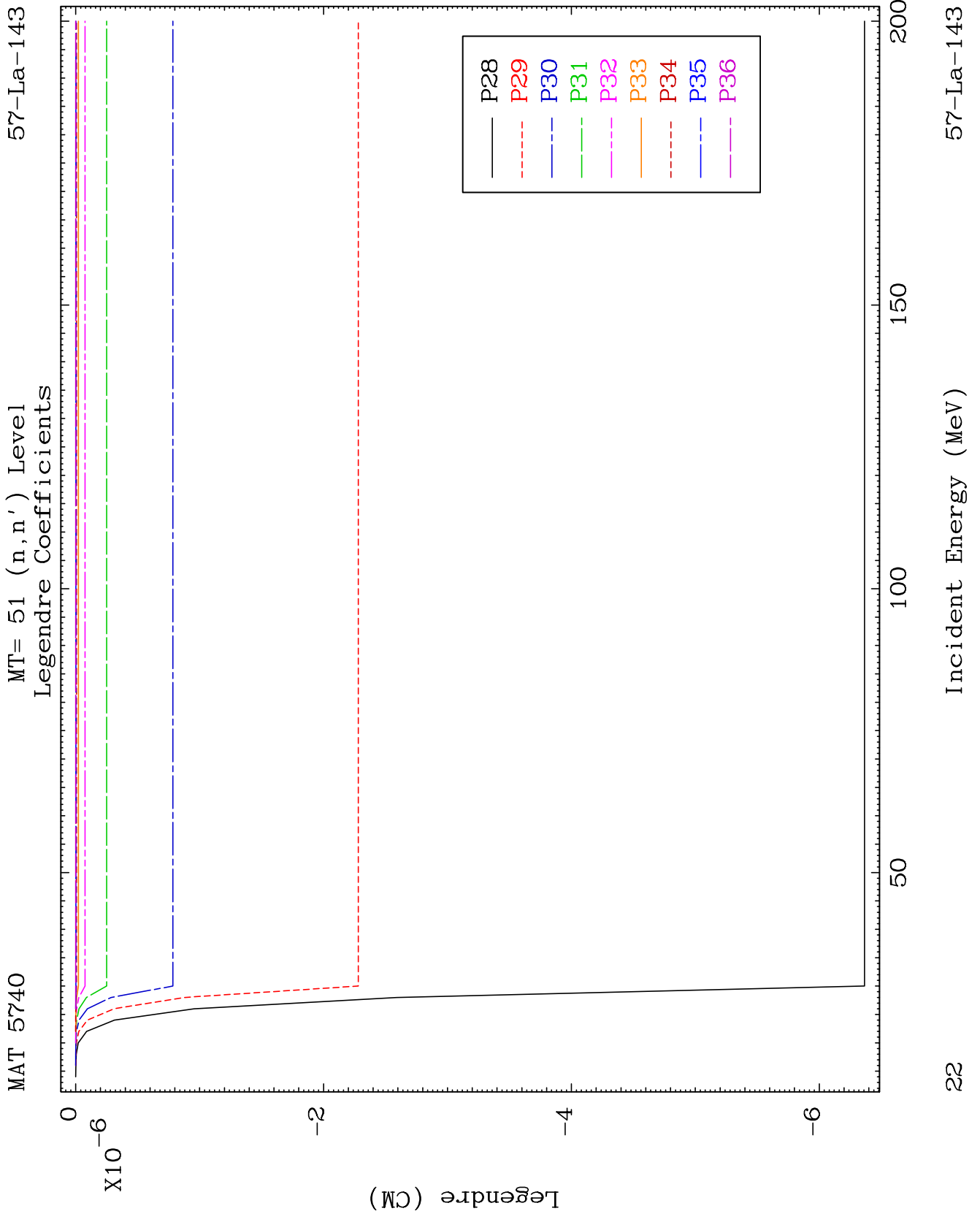


MAT 5740

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

57-La-143

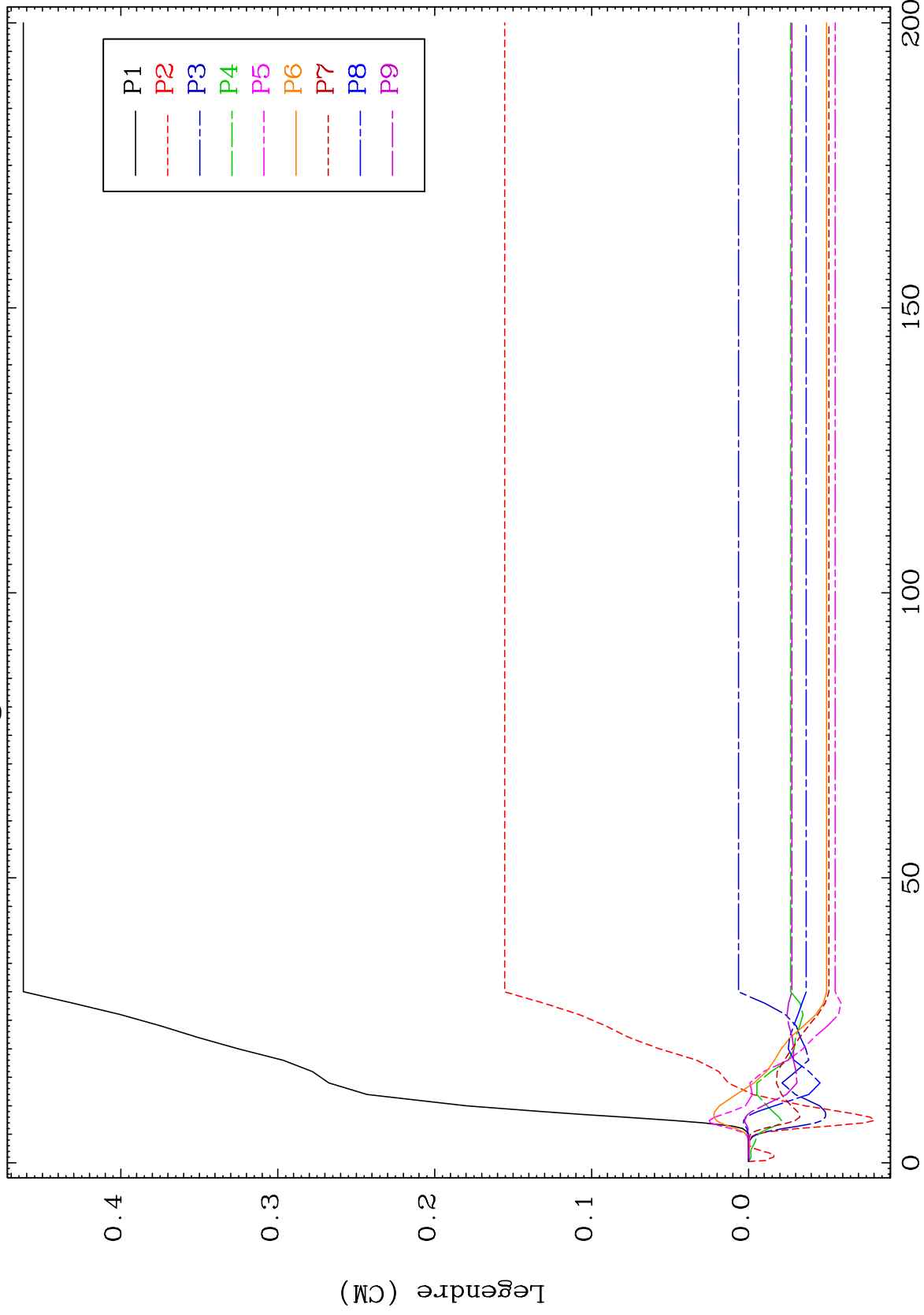




MAT 5740

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

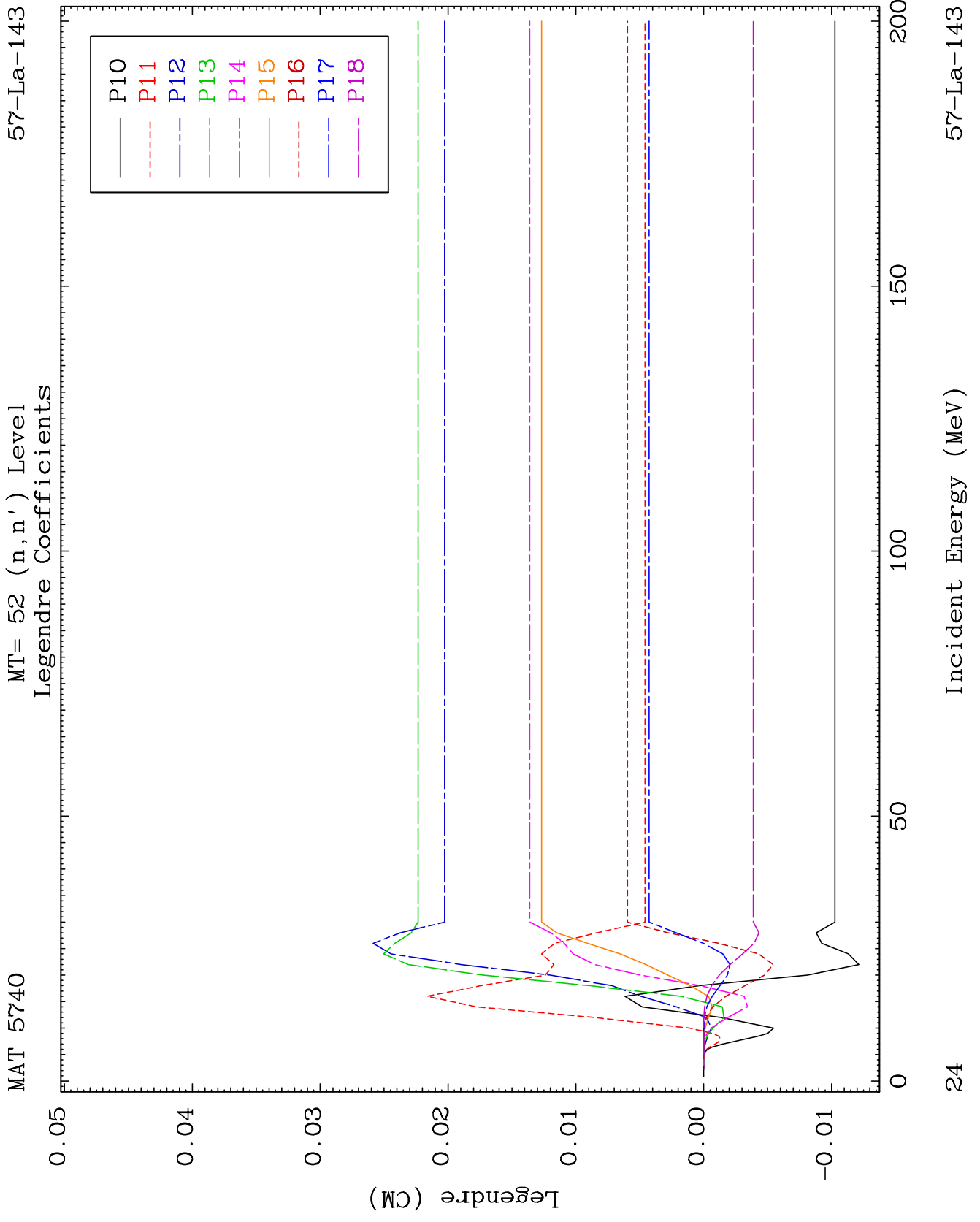
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23

Incident Energy (MeV)

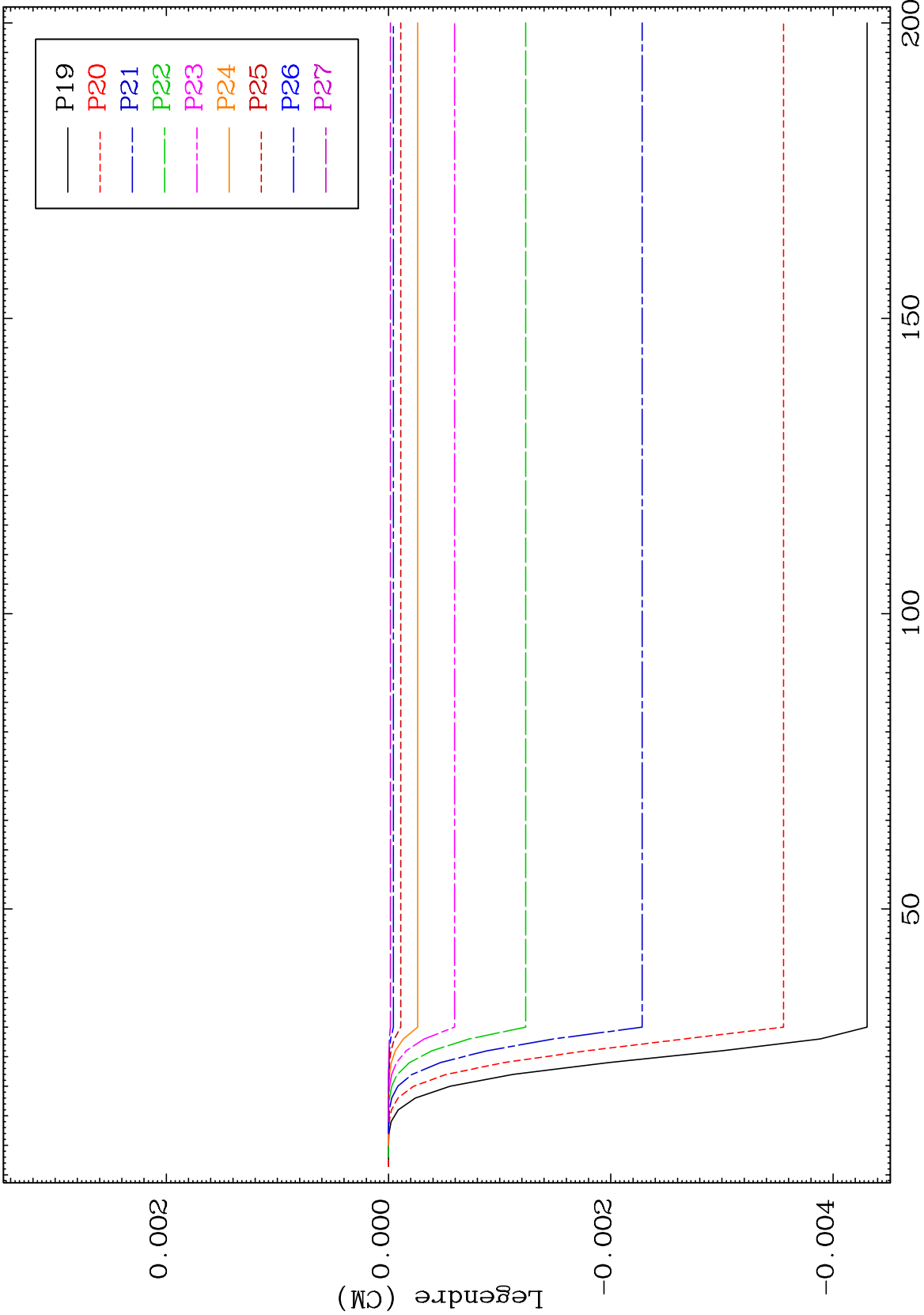
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MAT 5740

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

57-La-143



25

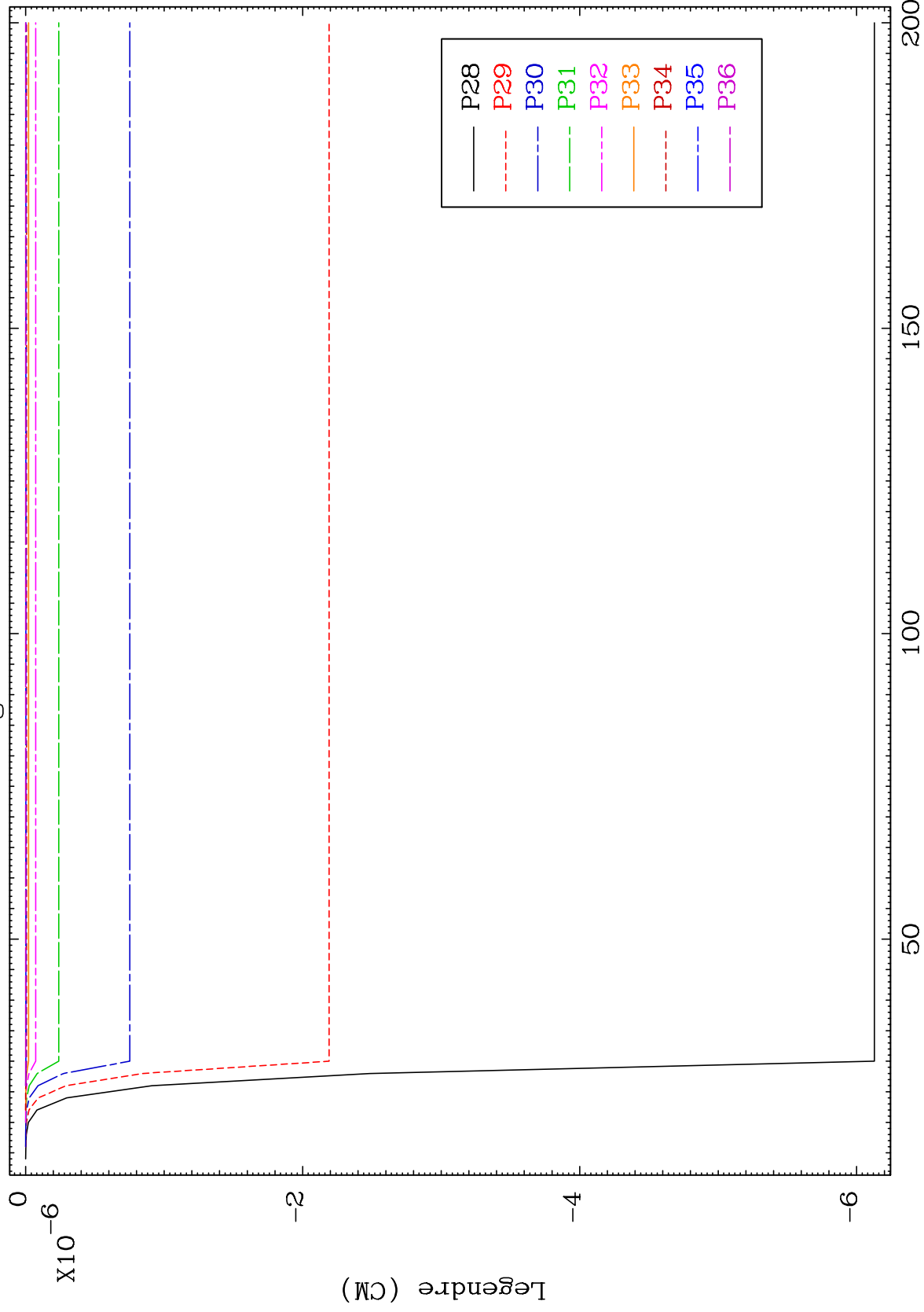
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



26

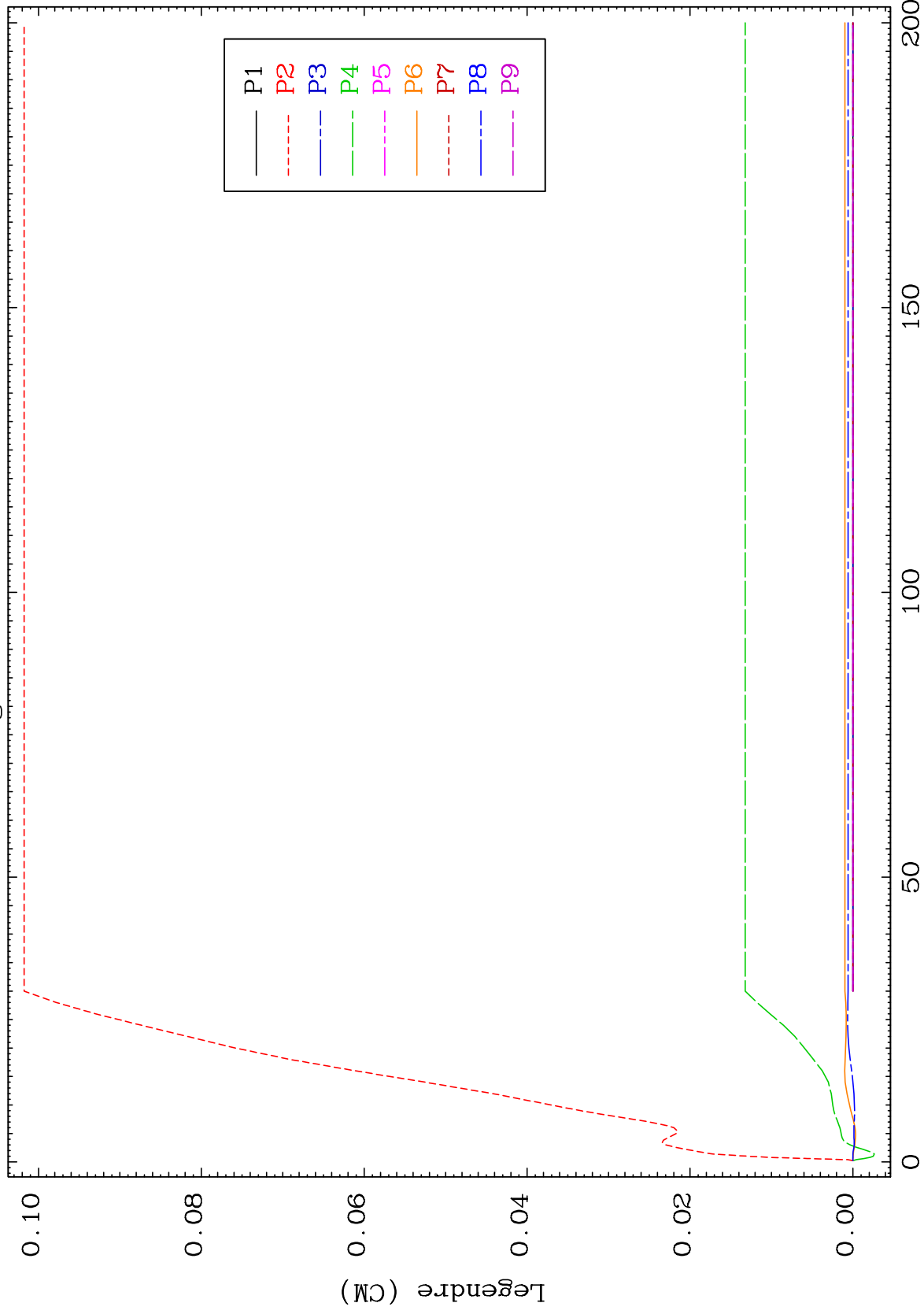
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



27

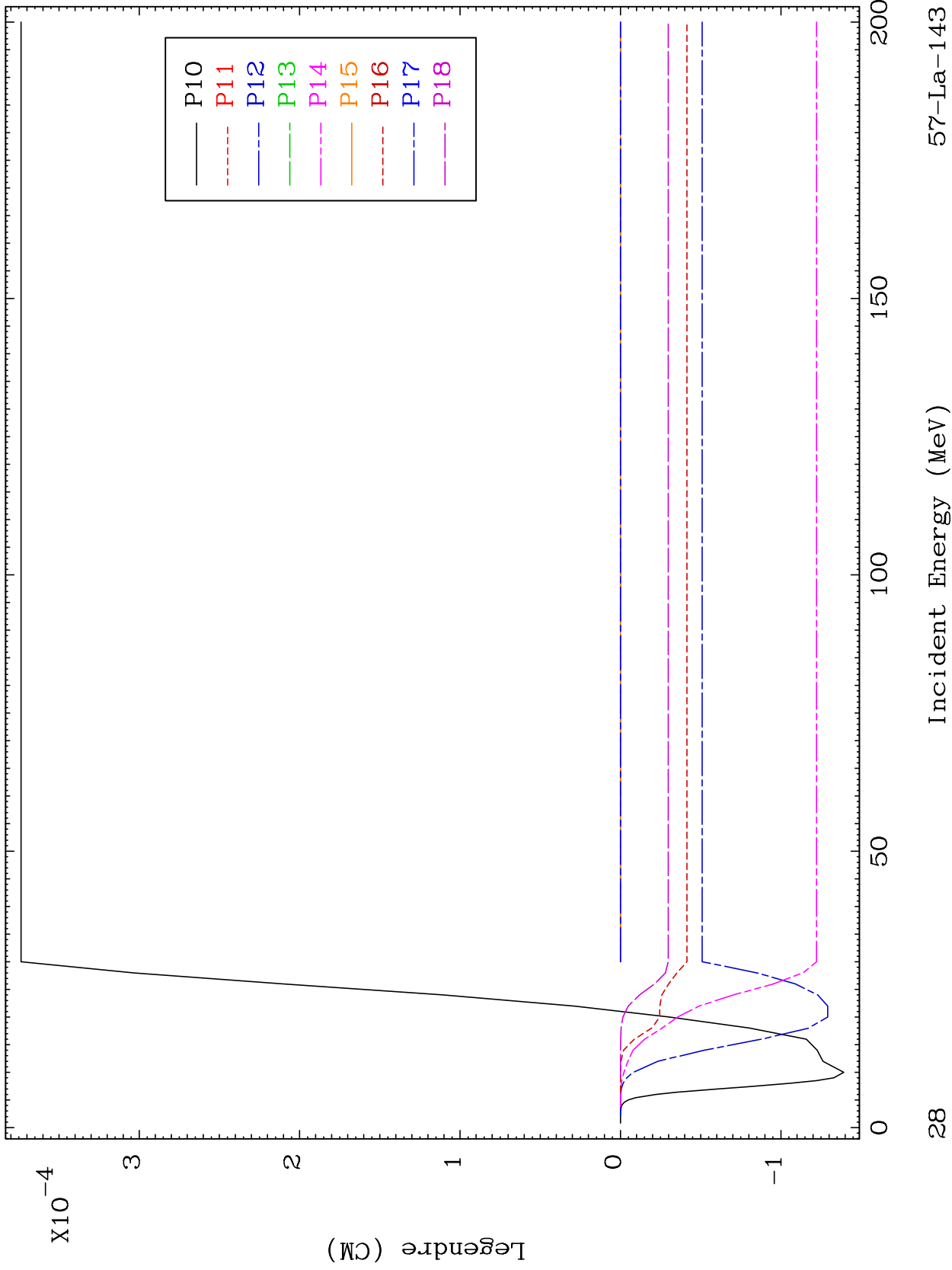
Incident Energy (MeV)

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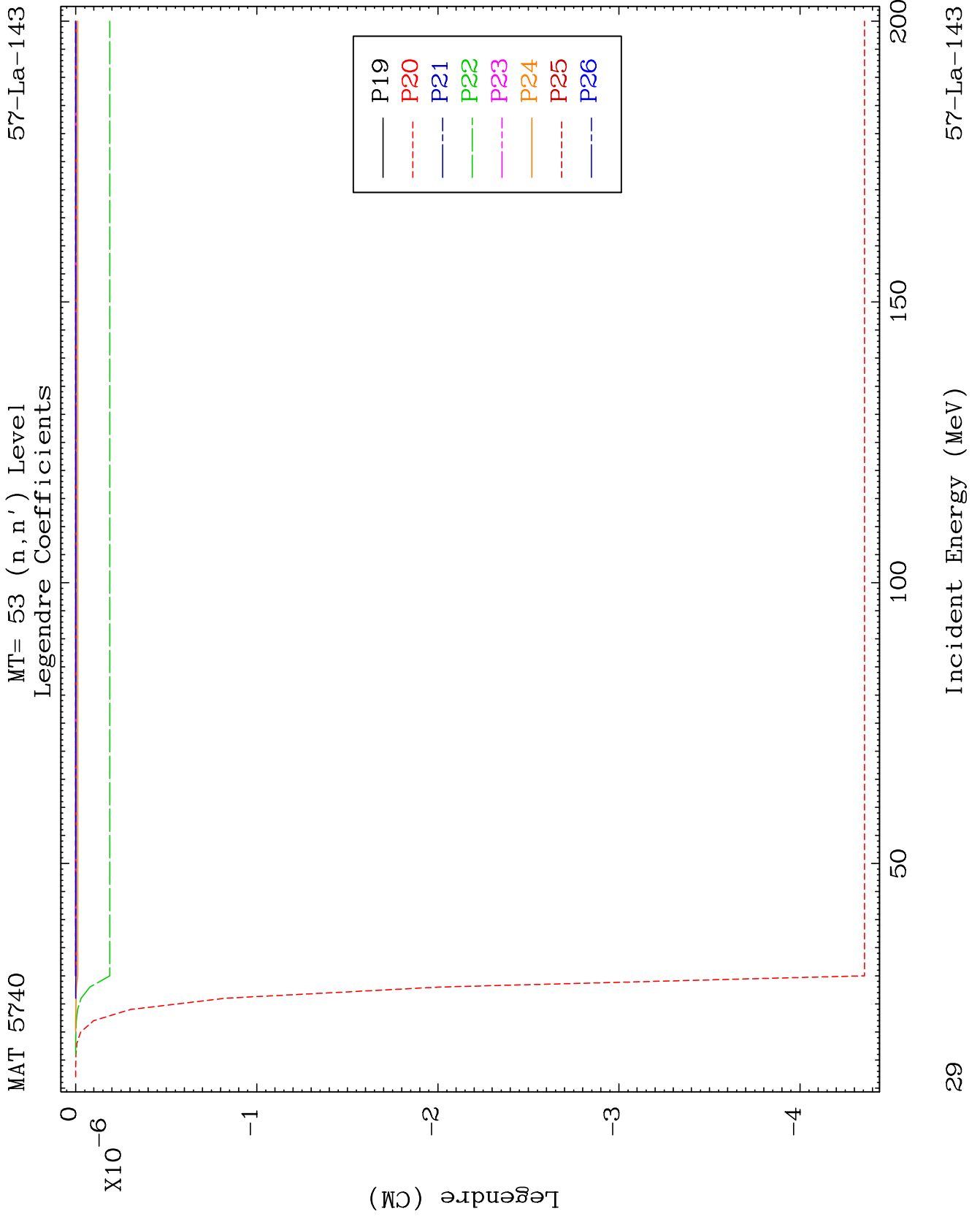
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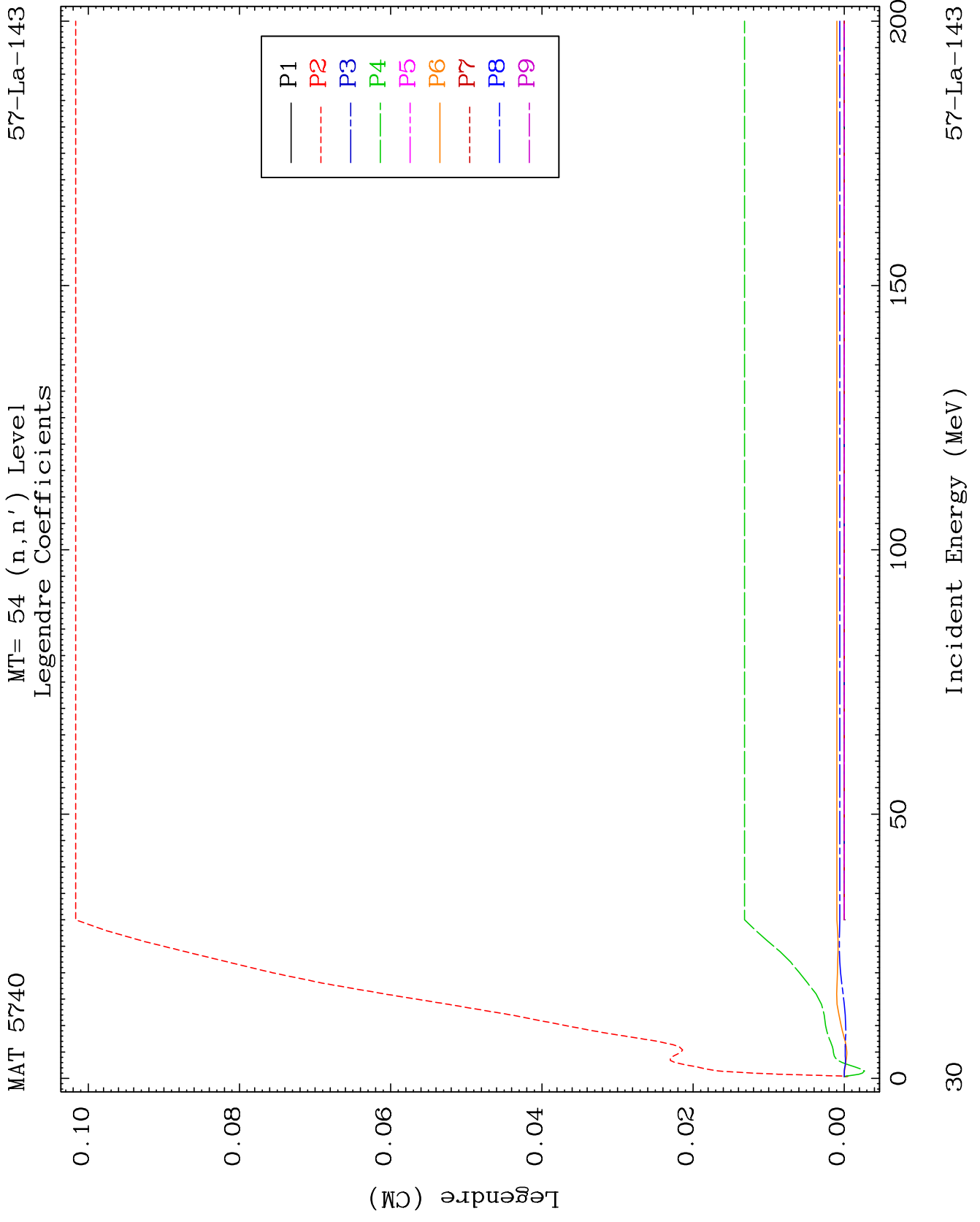
MT= 53 (n,n') Level
Legendre Coefficients

57-La-143



57-La-143

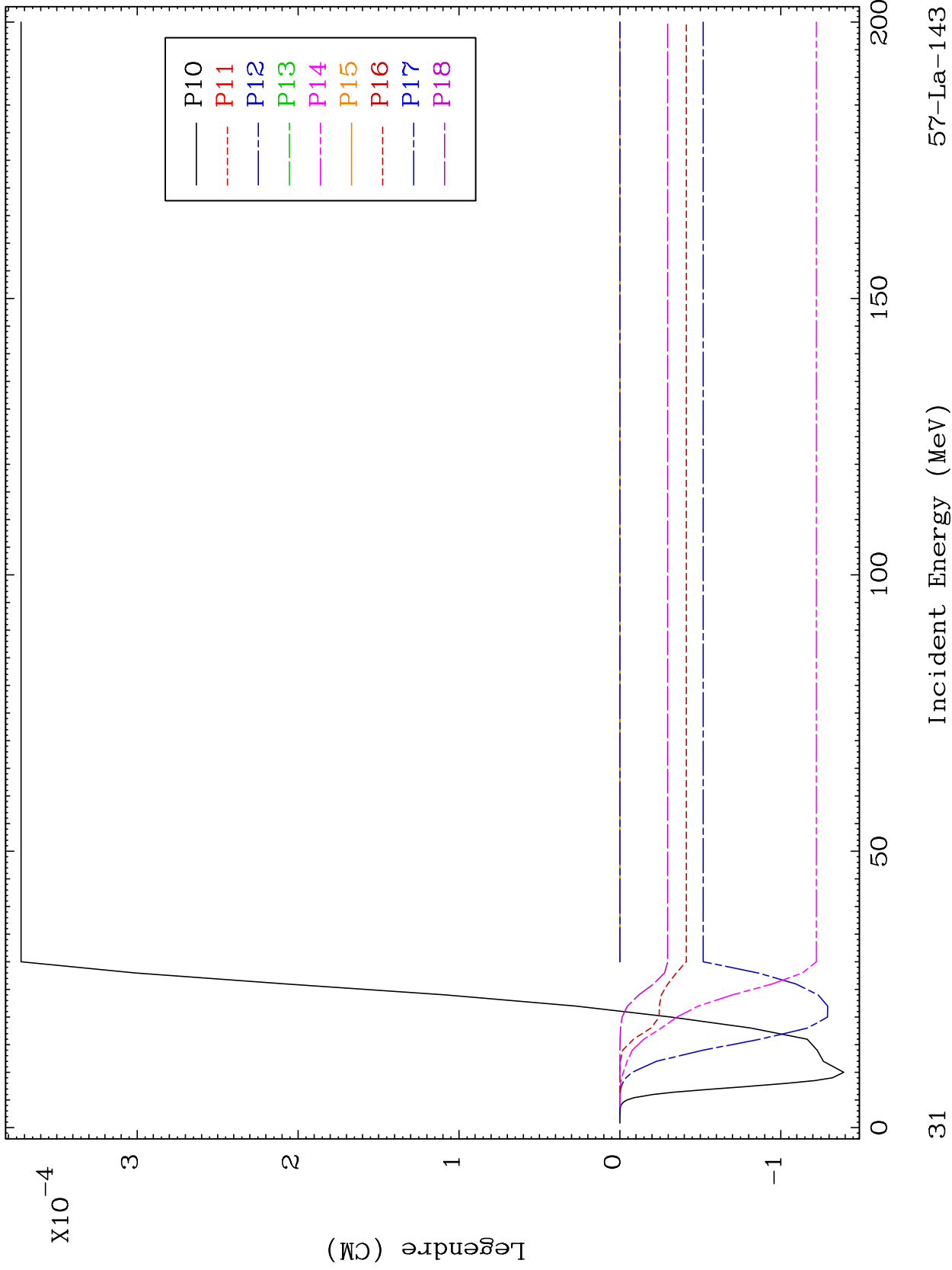




MAT 5740

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

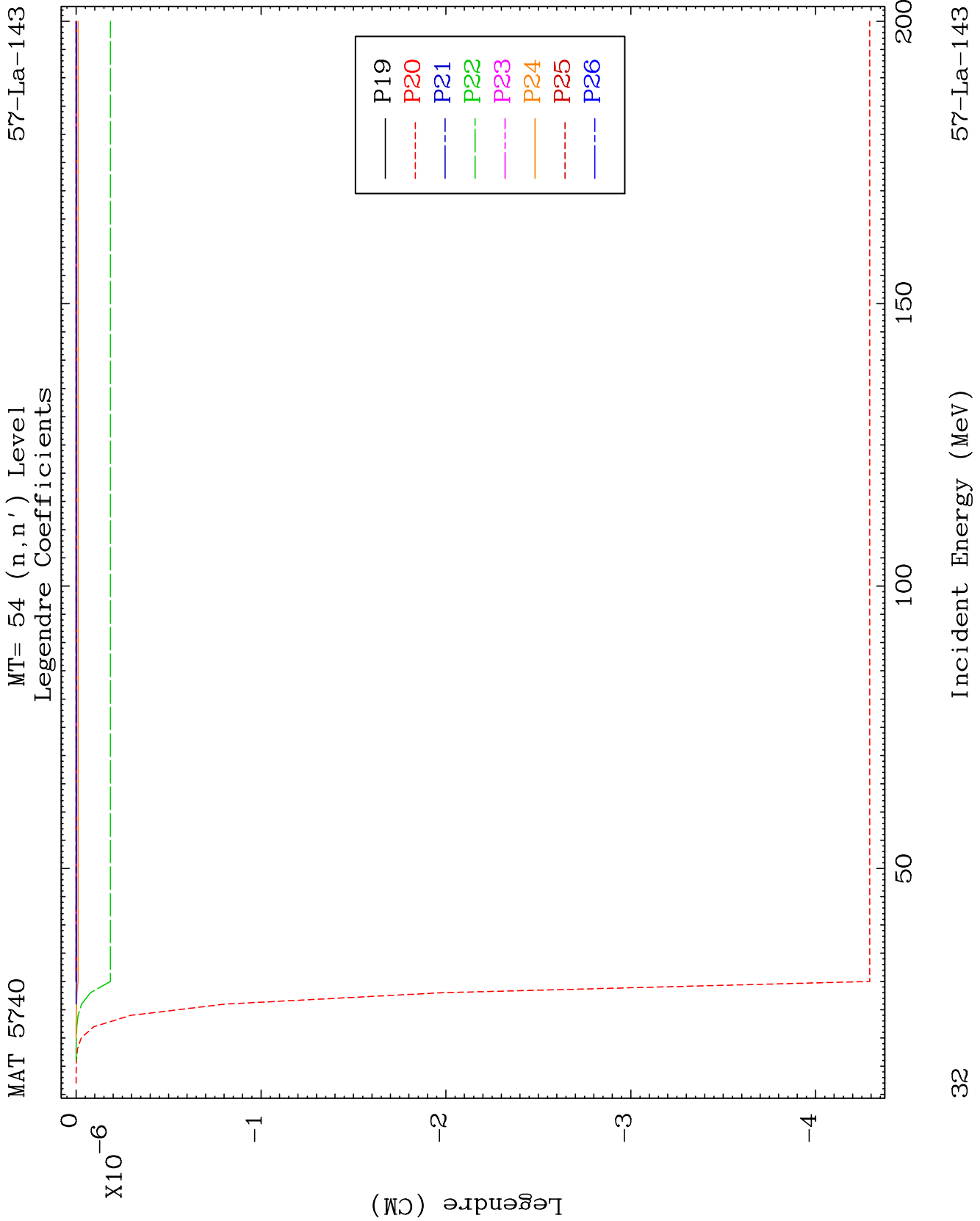
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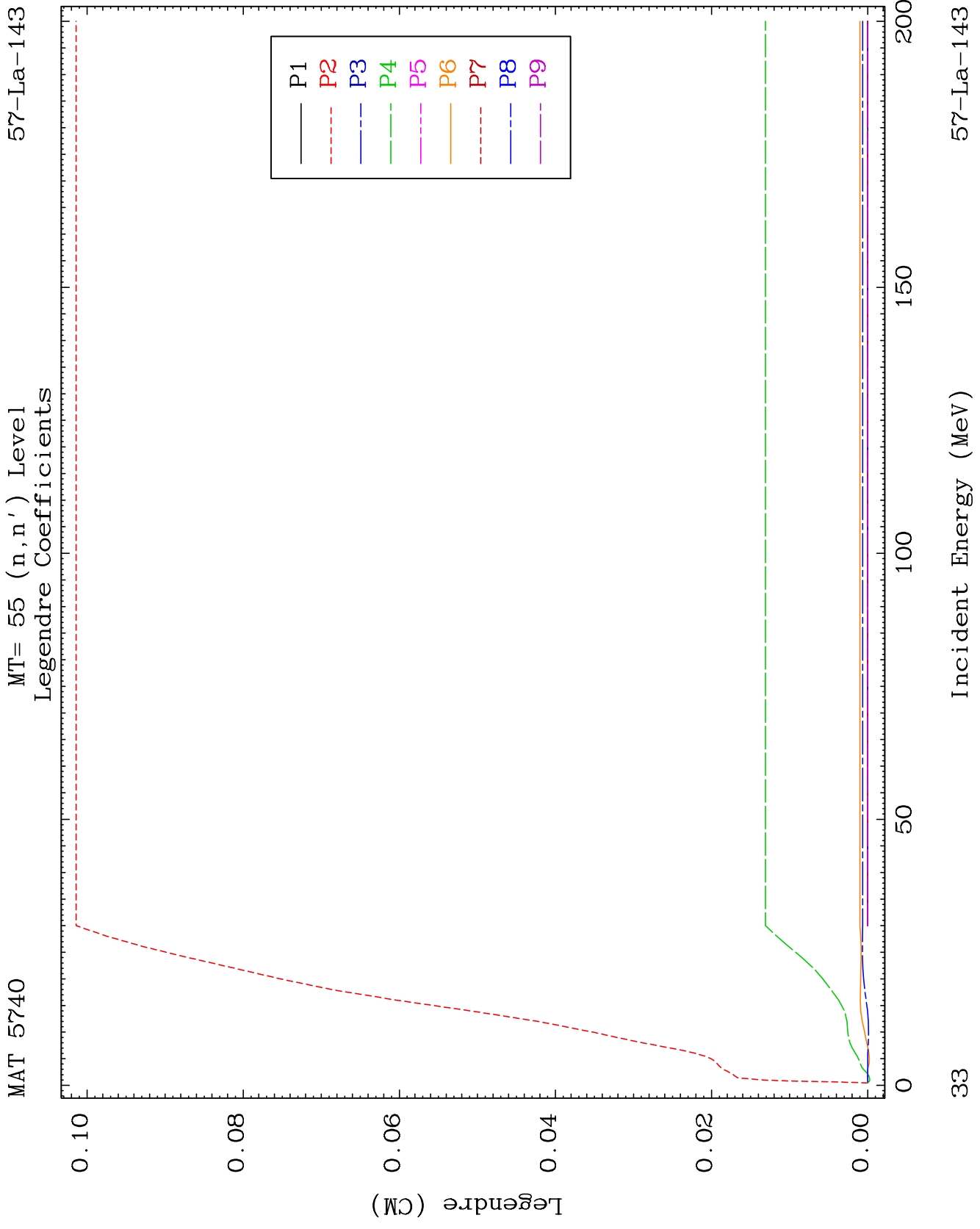


31

Incident Energy (MeV)

57-La-143

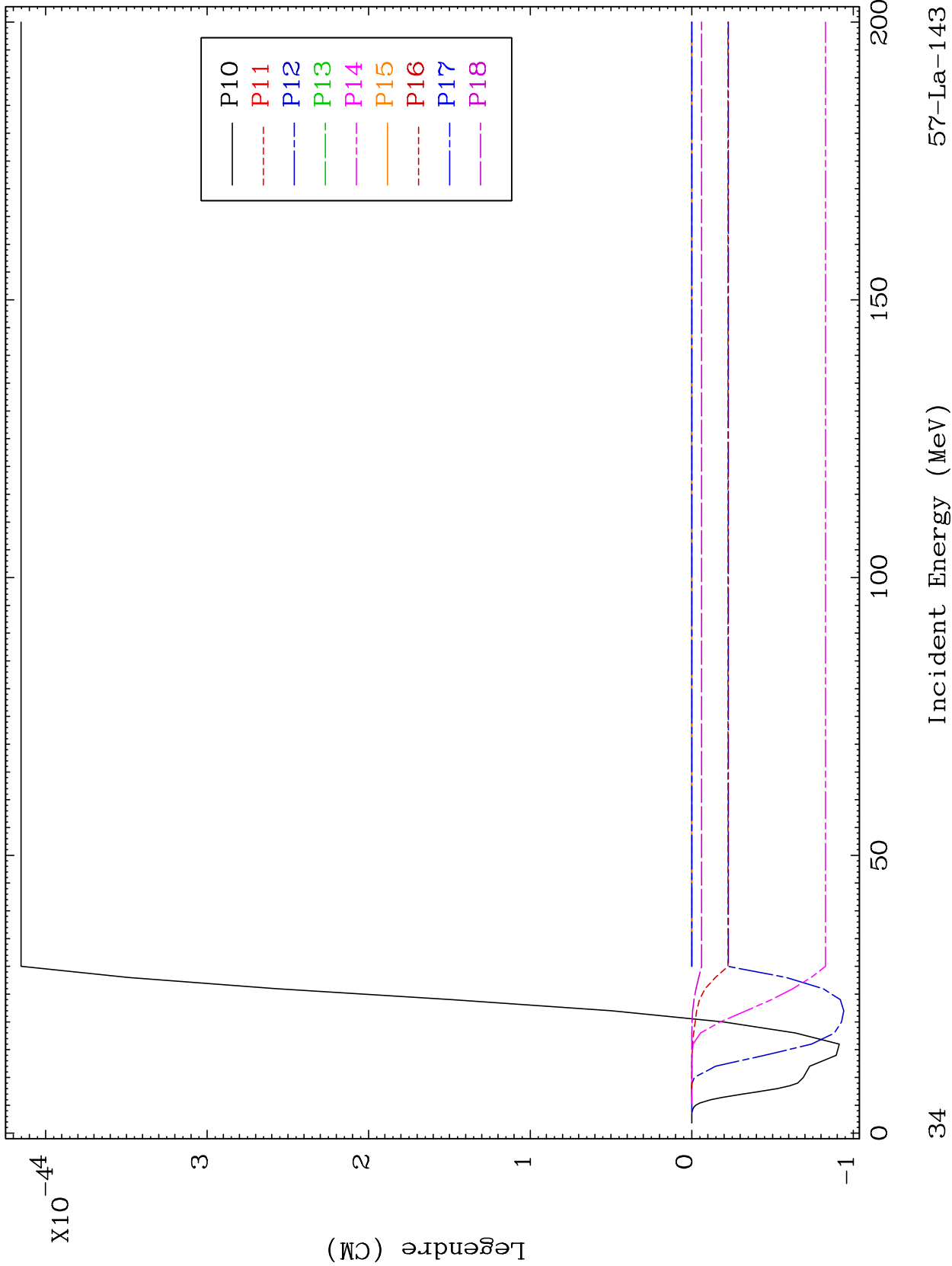




MAT 5740

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

57-La-143



57-La-143

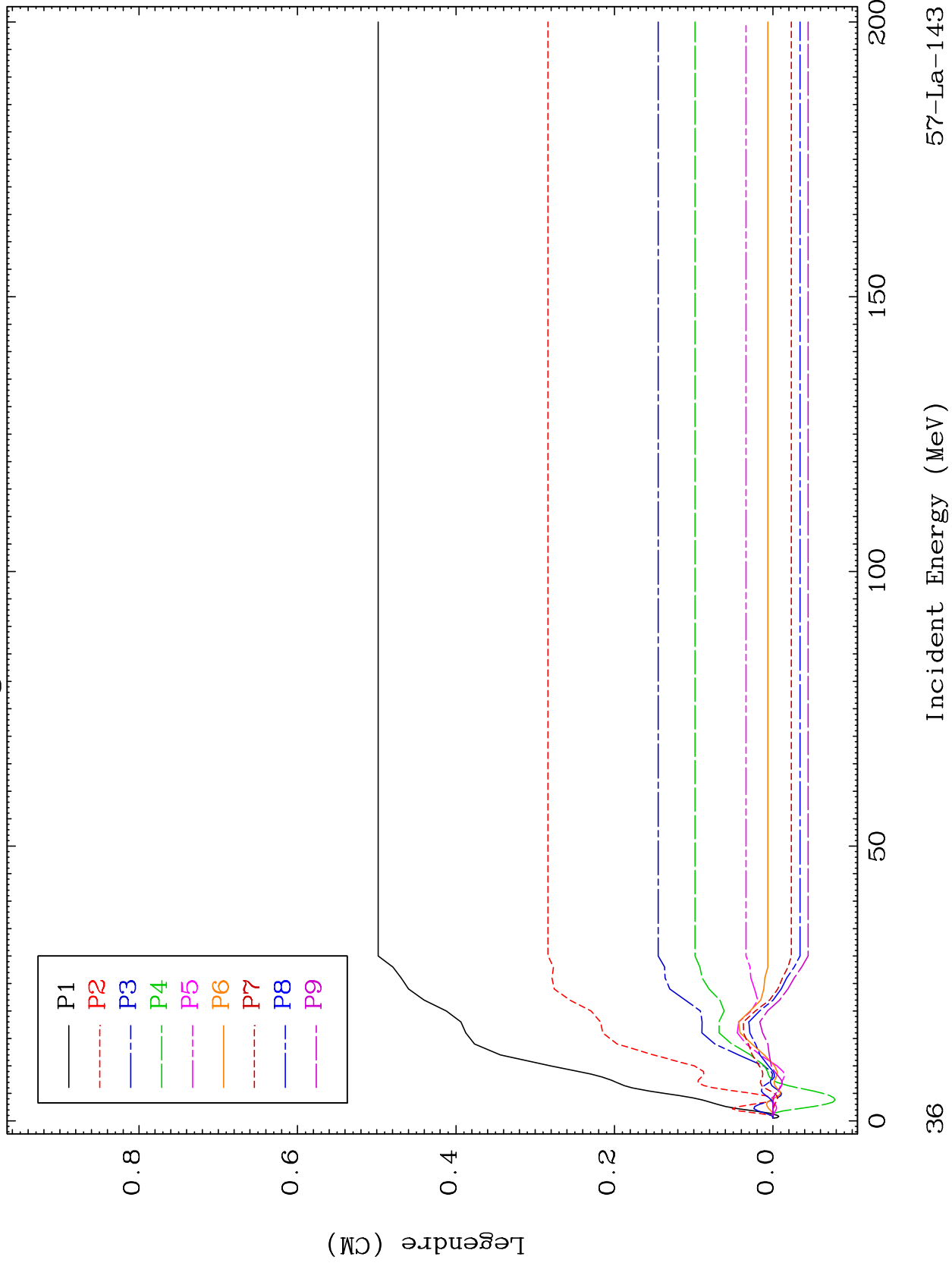
Incident Energy (MeV)

34

MAT 5740

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

57-La-143



57-La-143

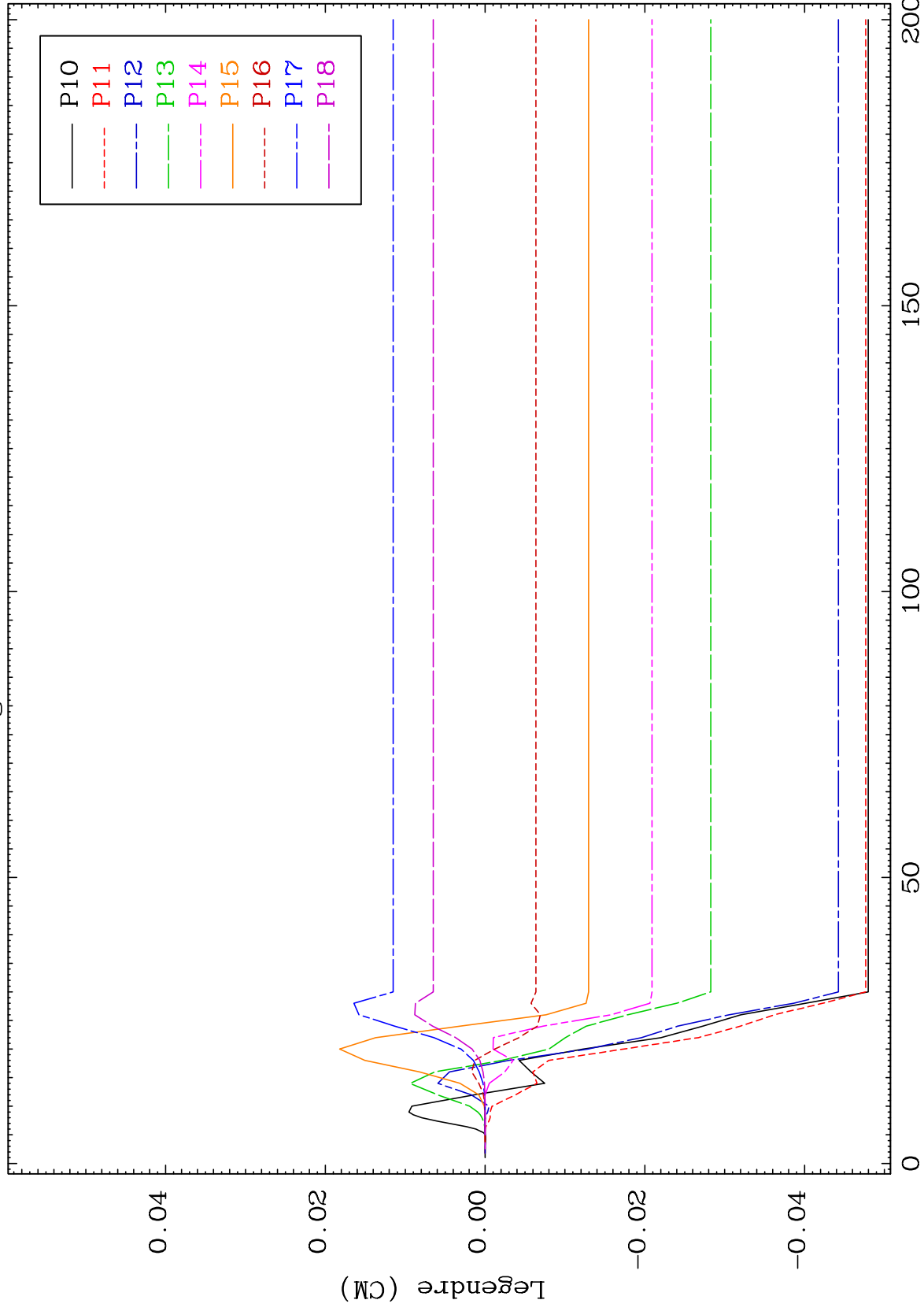
Incident Energy (MeV)

36

MAT 5740

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

57-La-143



37

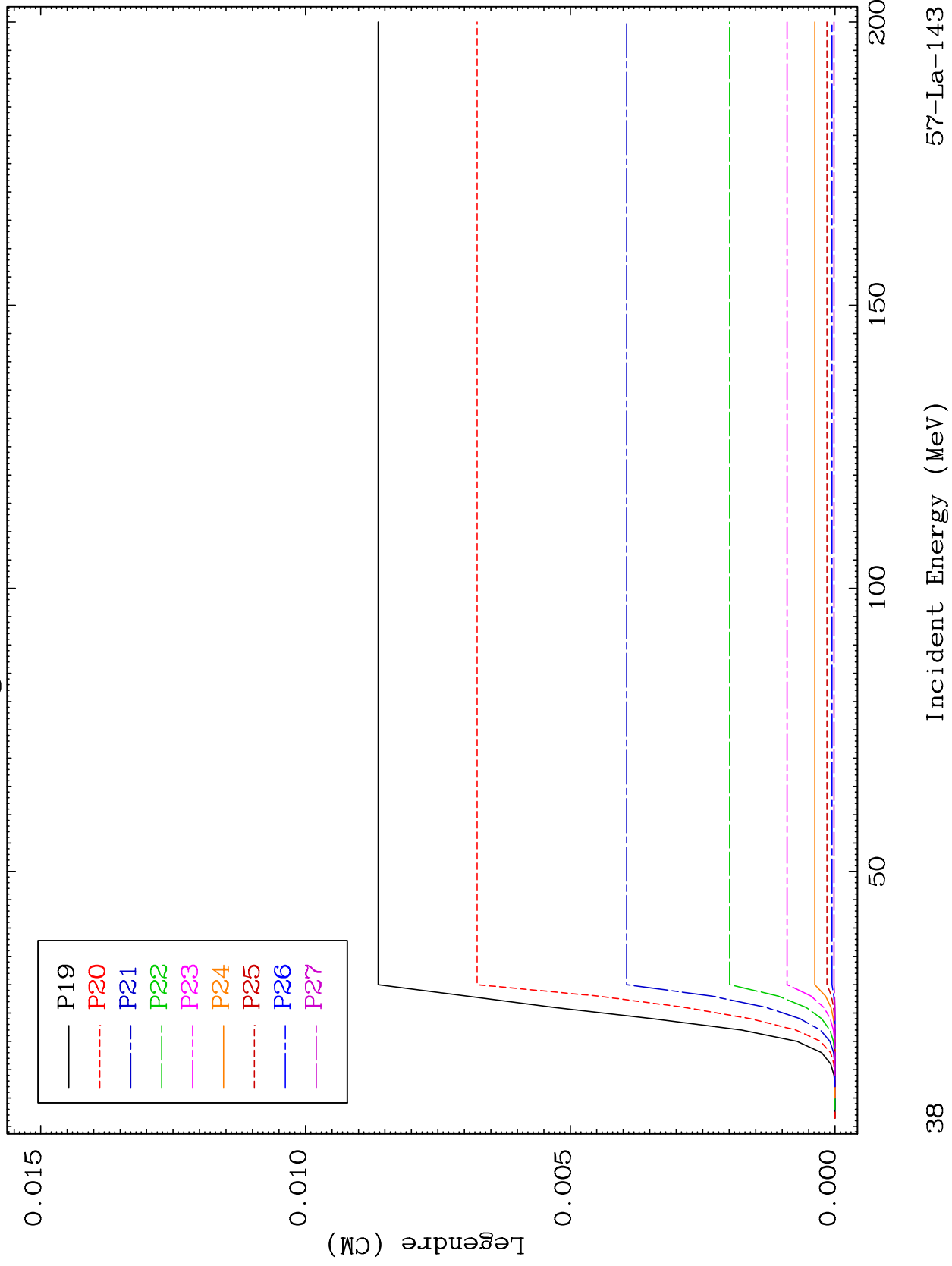
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



38

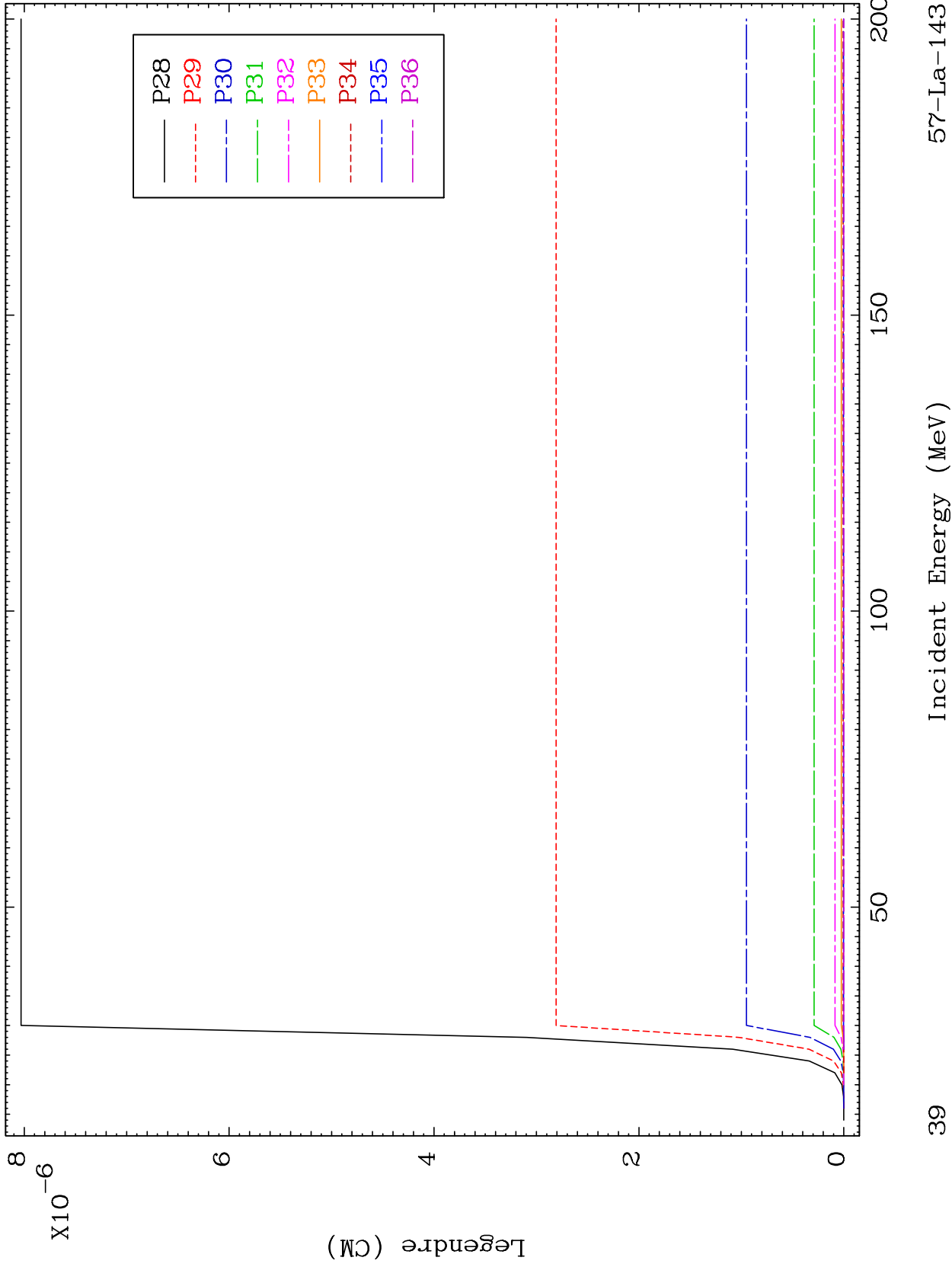
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



39

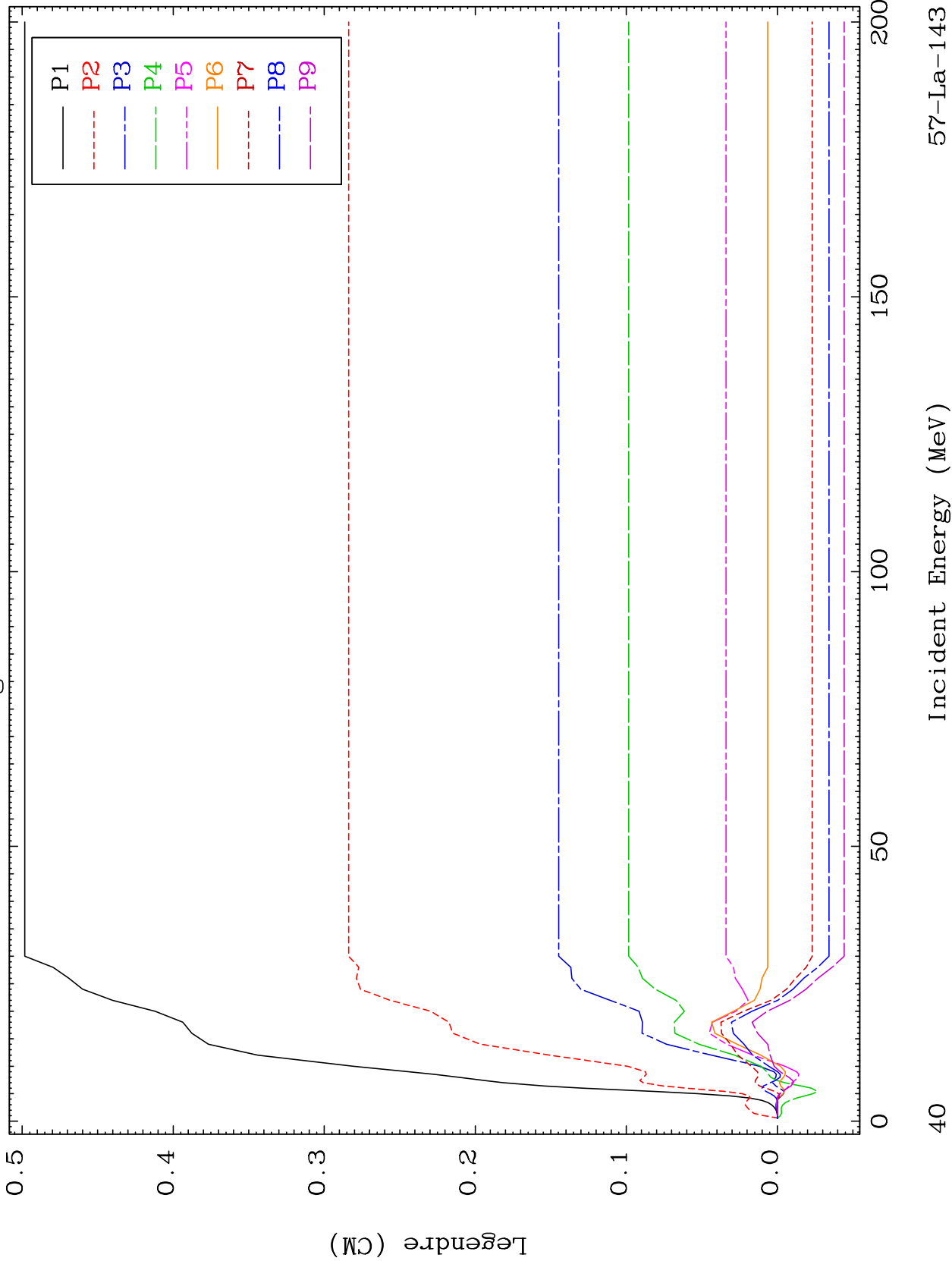
57-La-143

MAT 5740

MT= 57 (n,n') Level

57-La-143

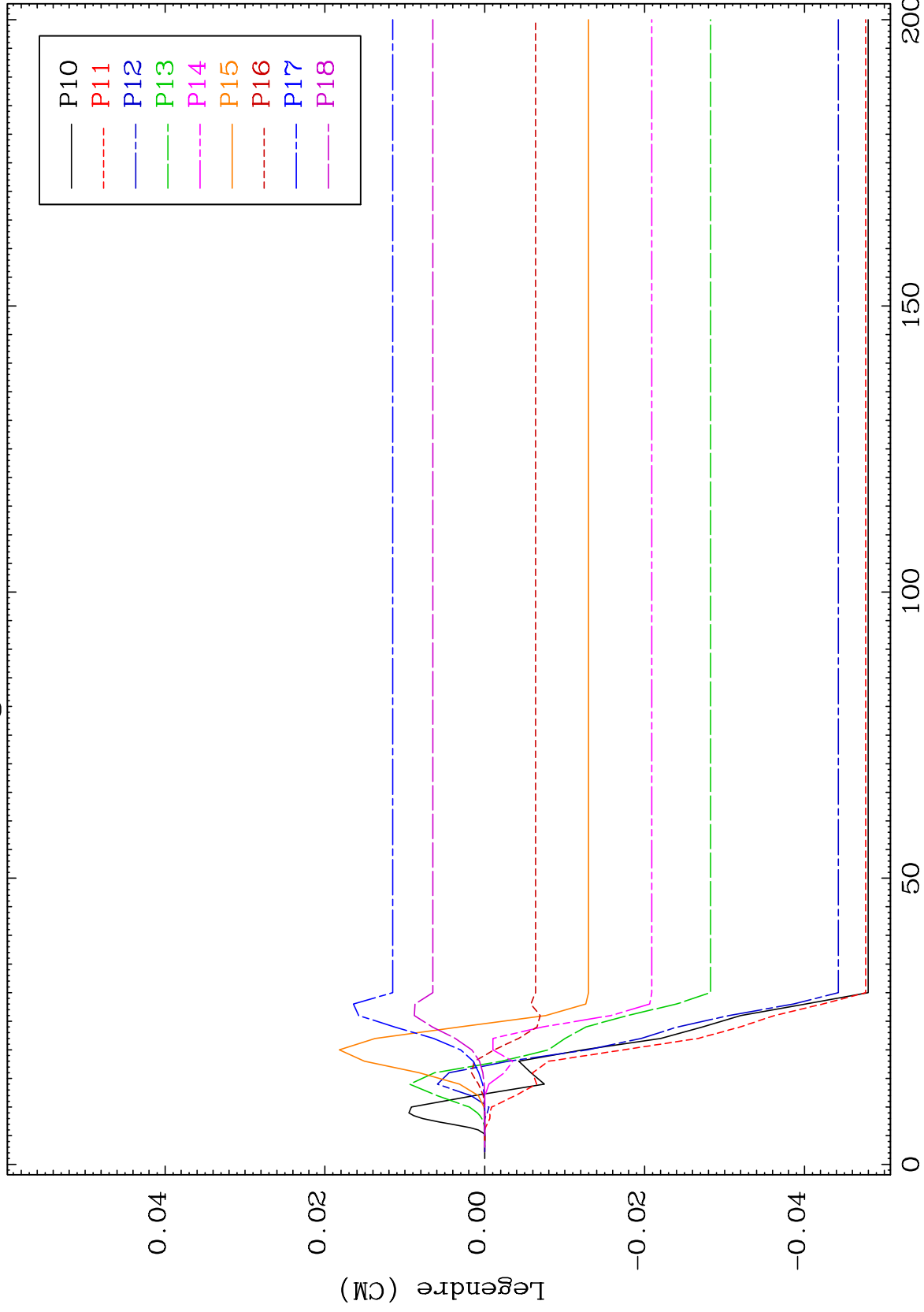
Legendre Coefficients



MAT 5740

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

57-La-143



41

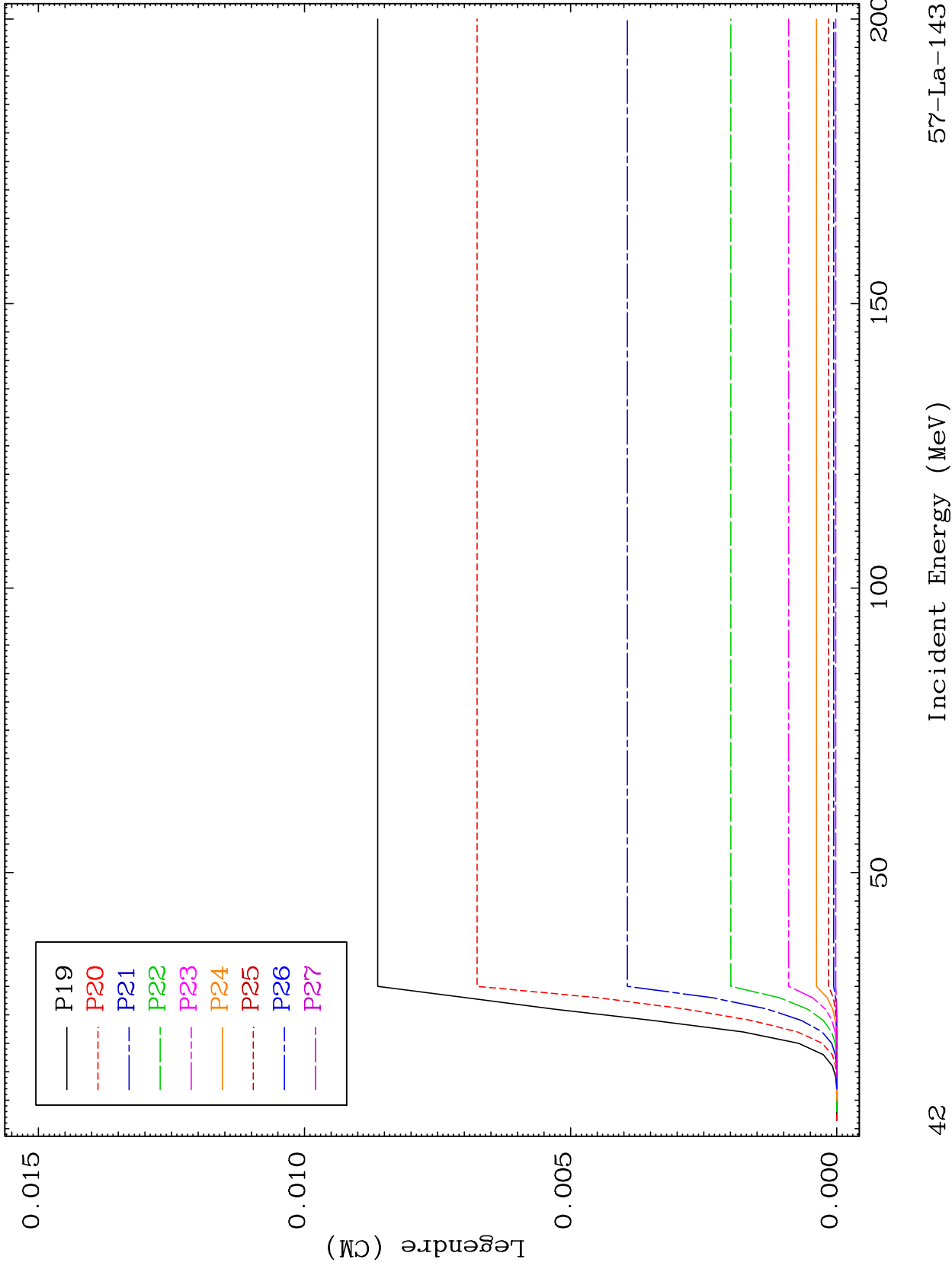
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



42

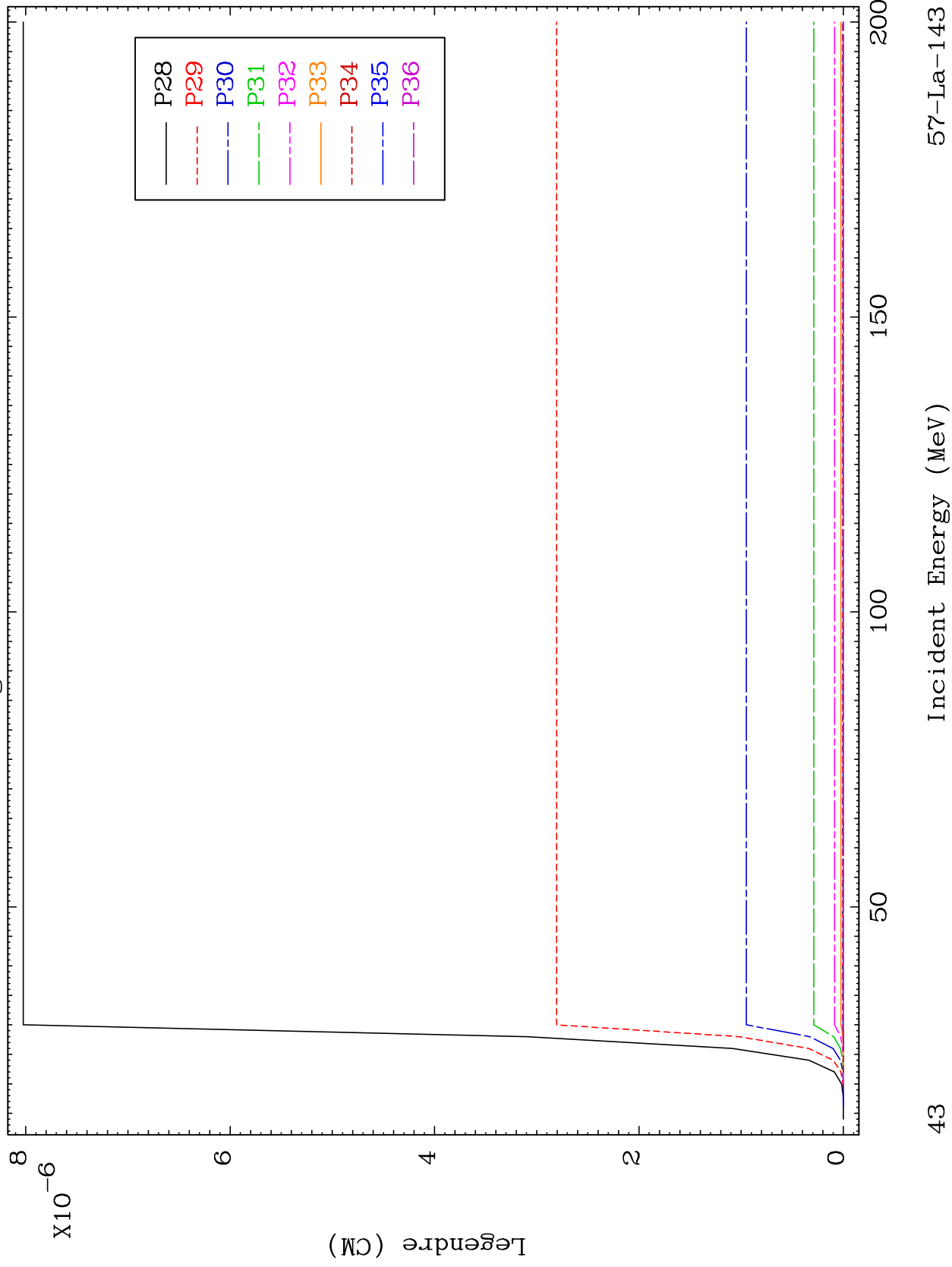
57-La-143

Incident Energy (MeV)

MAT 5740

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

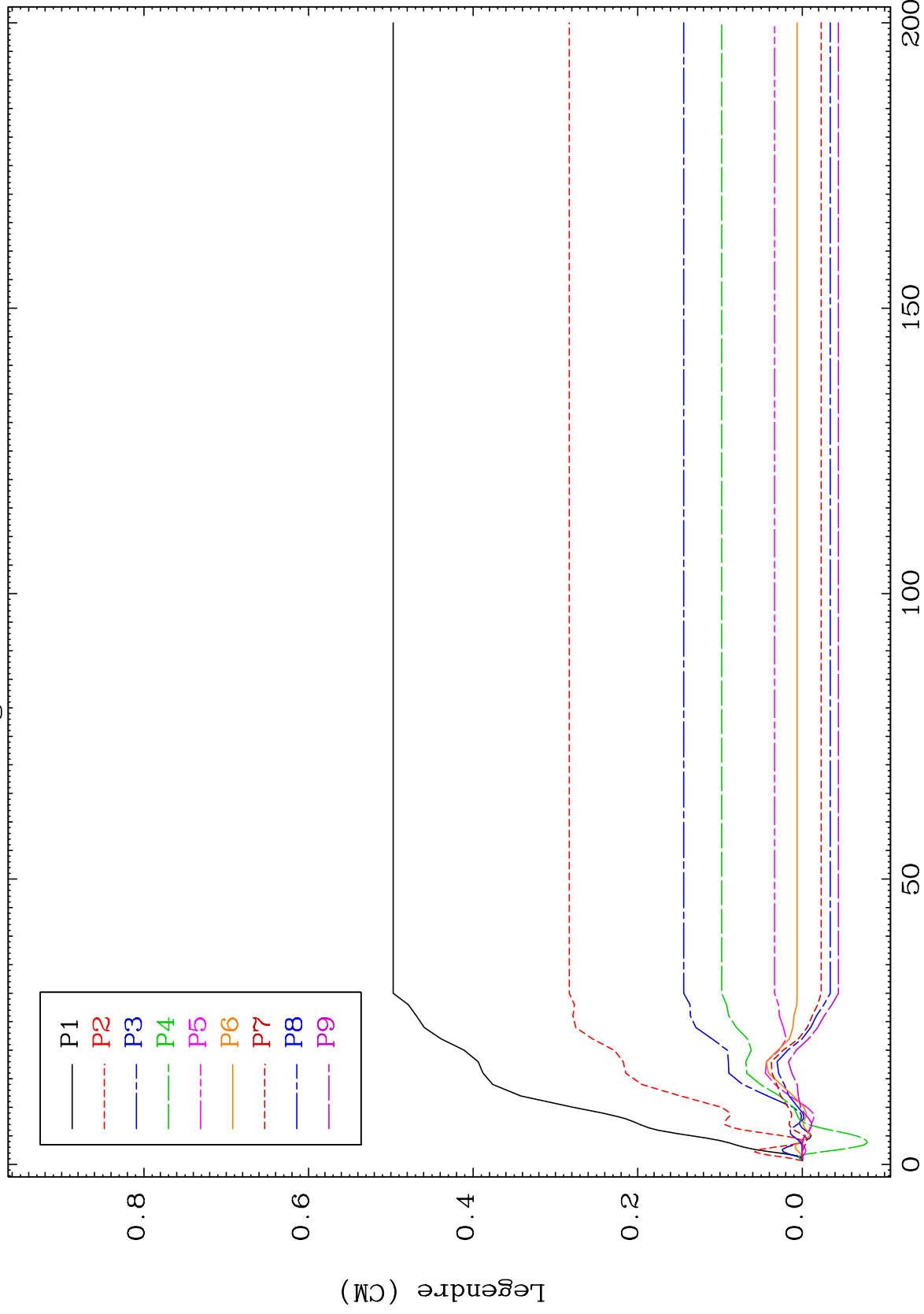
57-La-143



MAT 5740

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

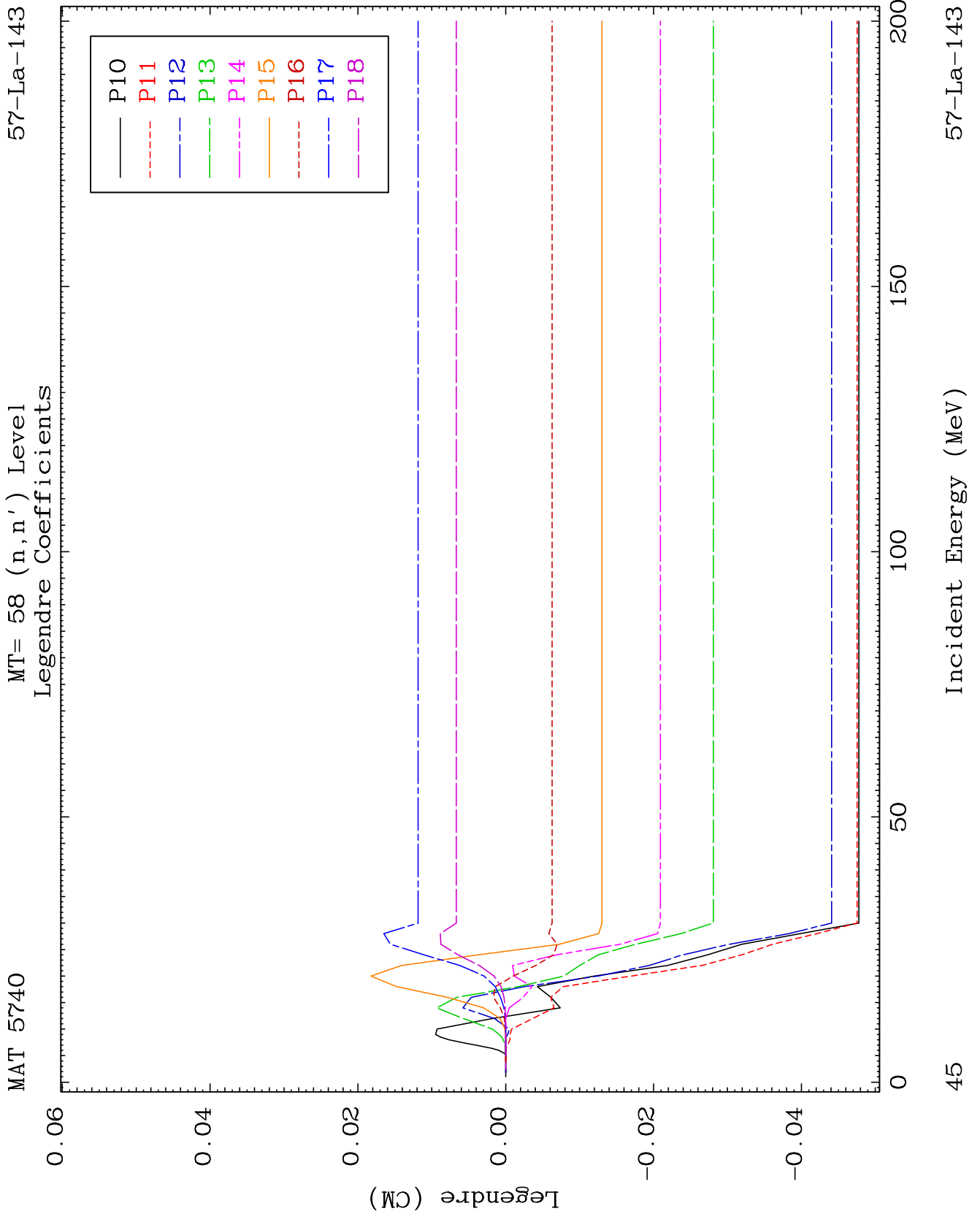
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44

Incident Energy (MeV)

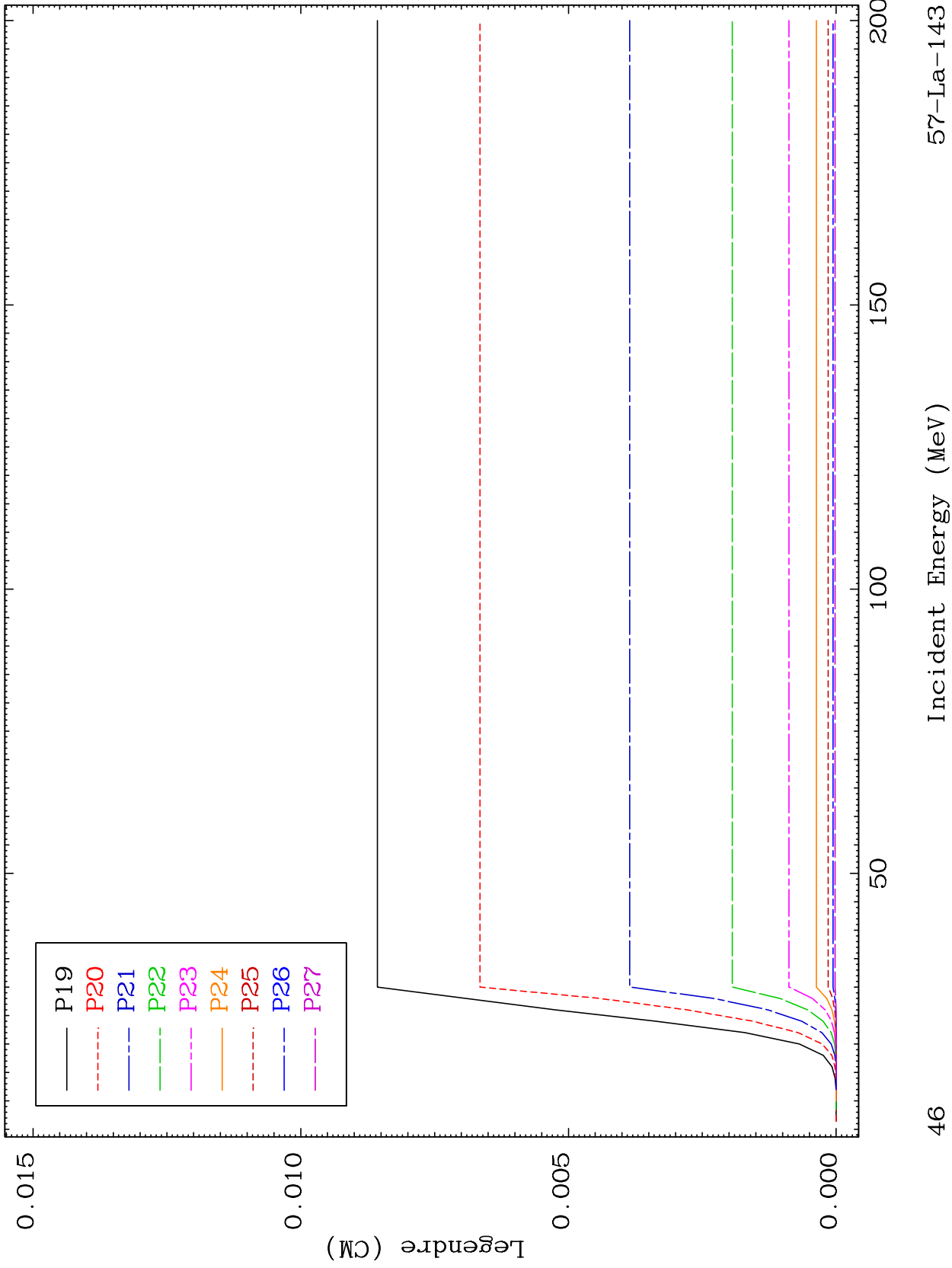
57-La-143



MAT 5740

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

57-La-143



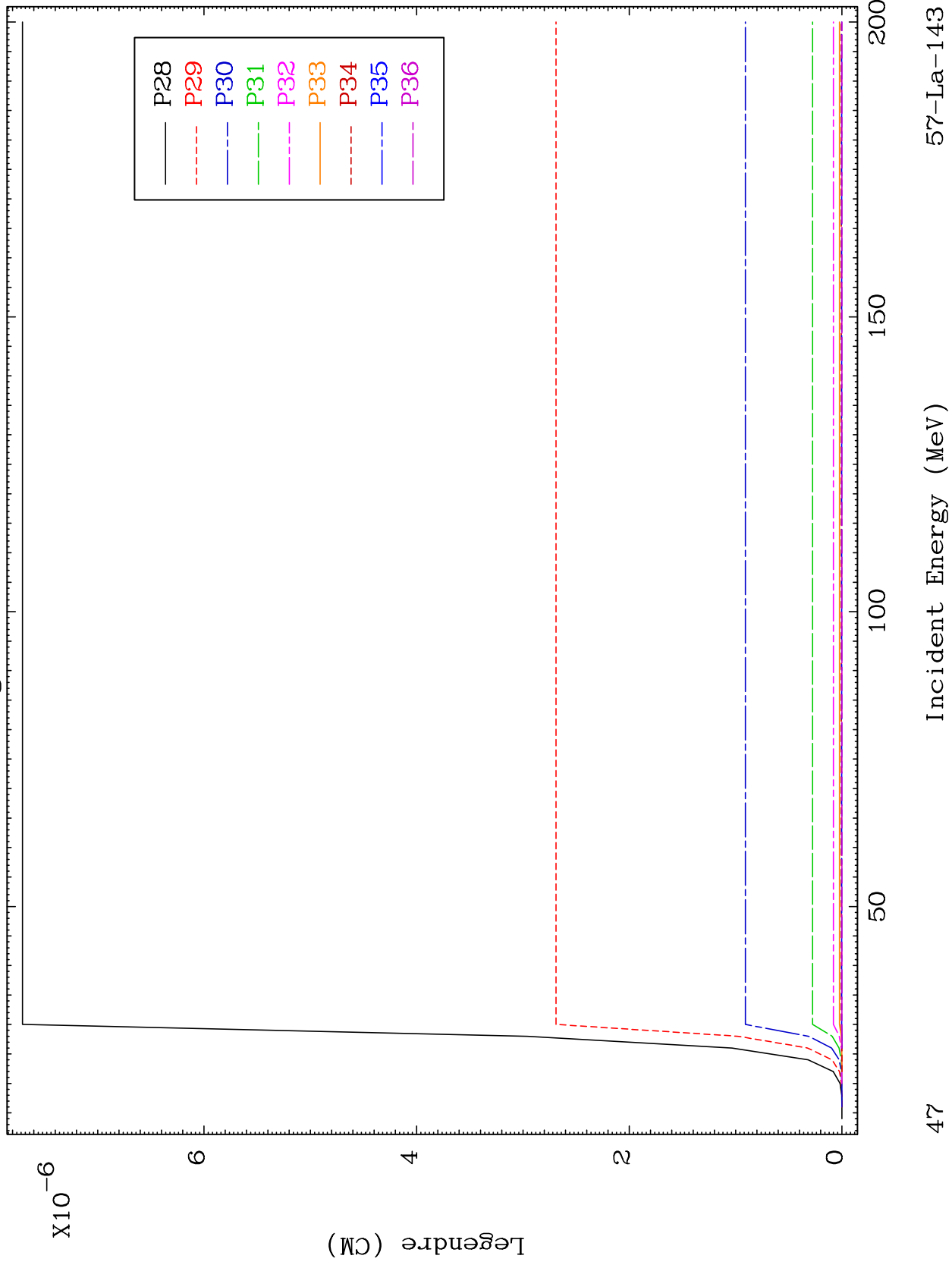
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57-La-143

MAT 5740

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

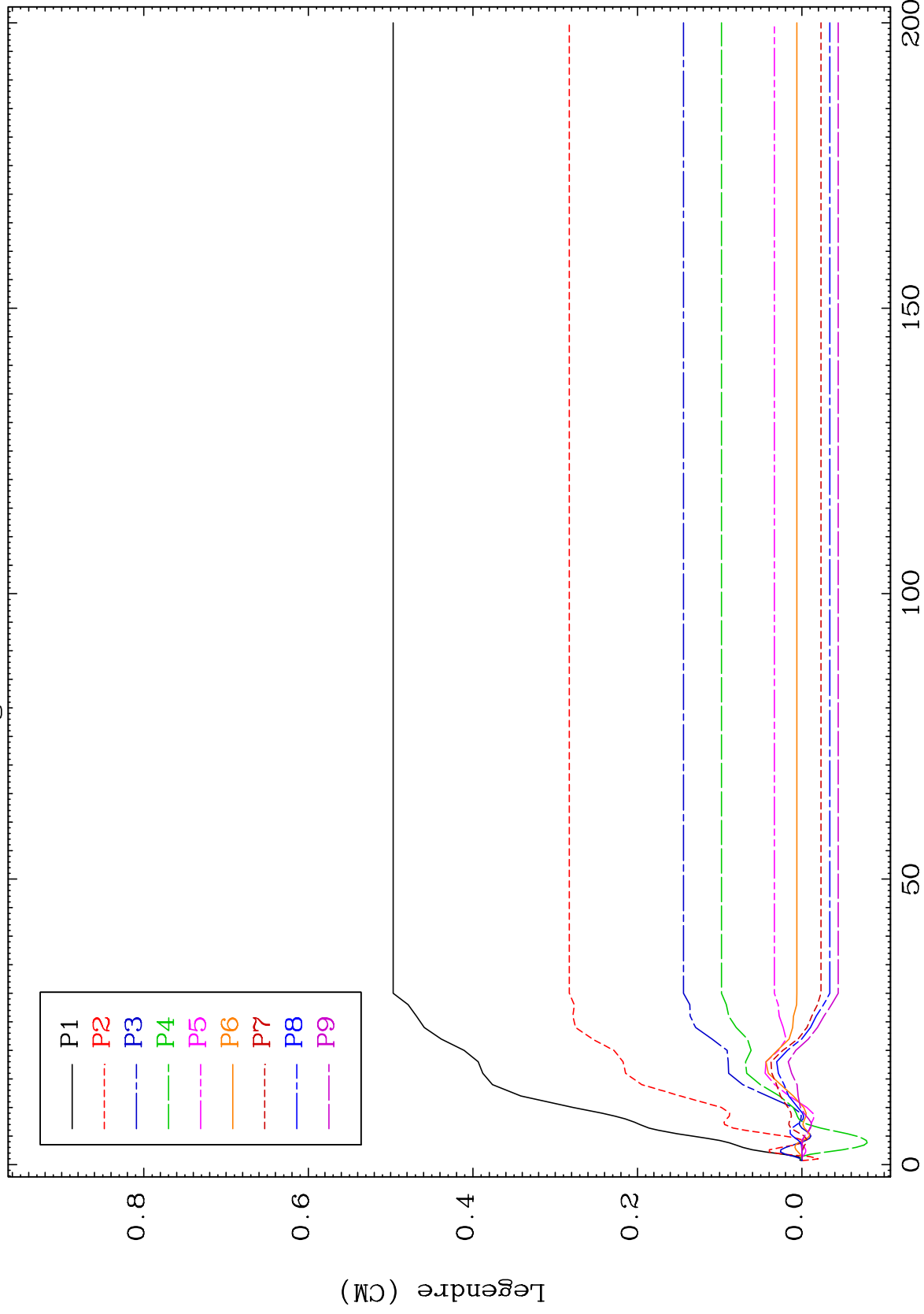
57-La-143



MAT 5740

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

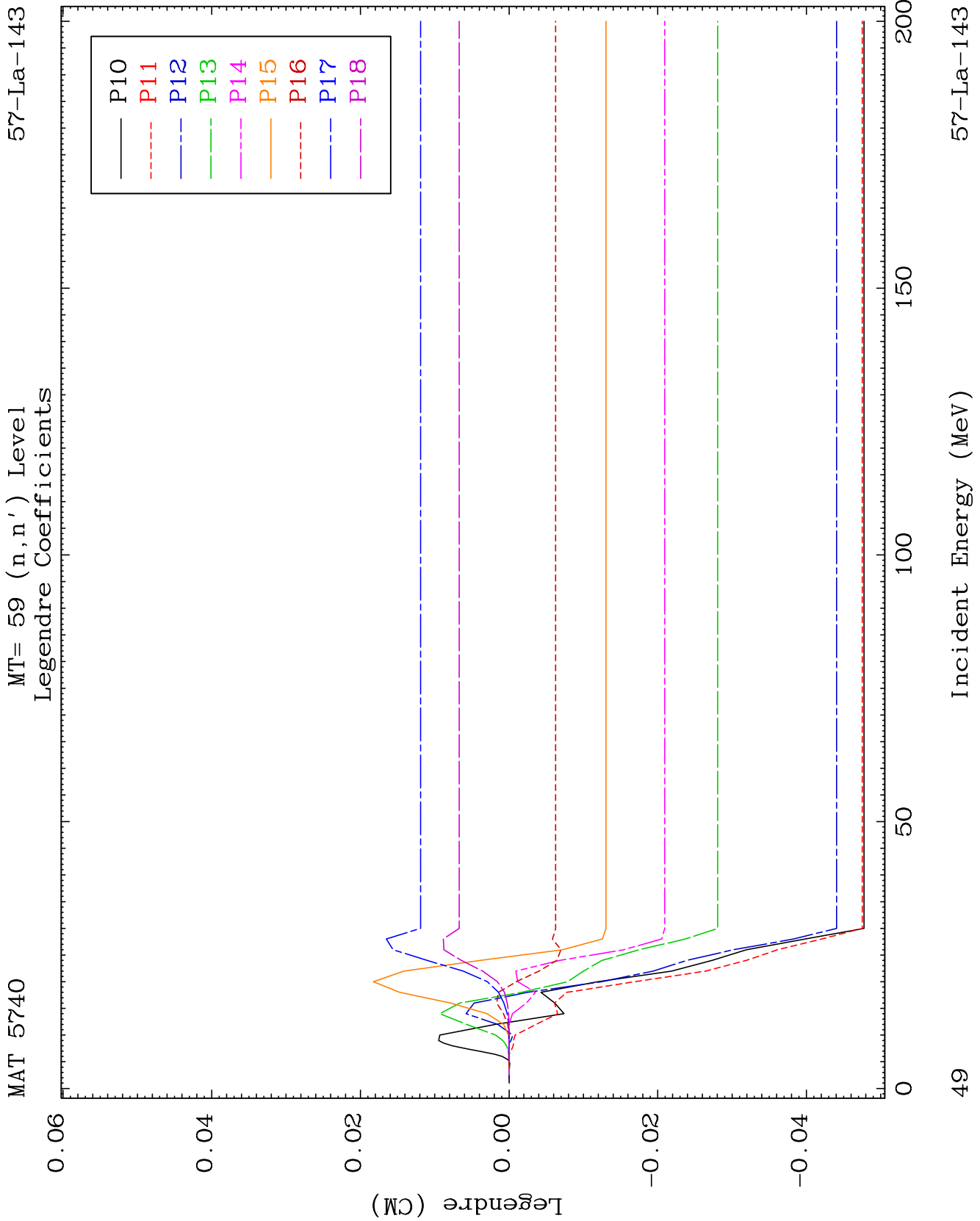
57-La-143



57-La-143

Incident Energy (MeV)

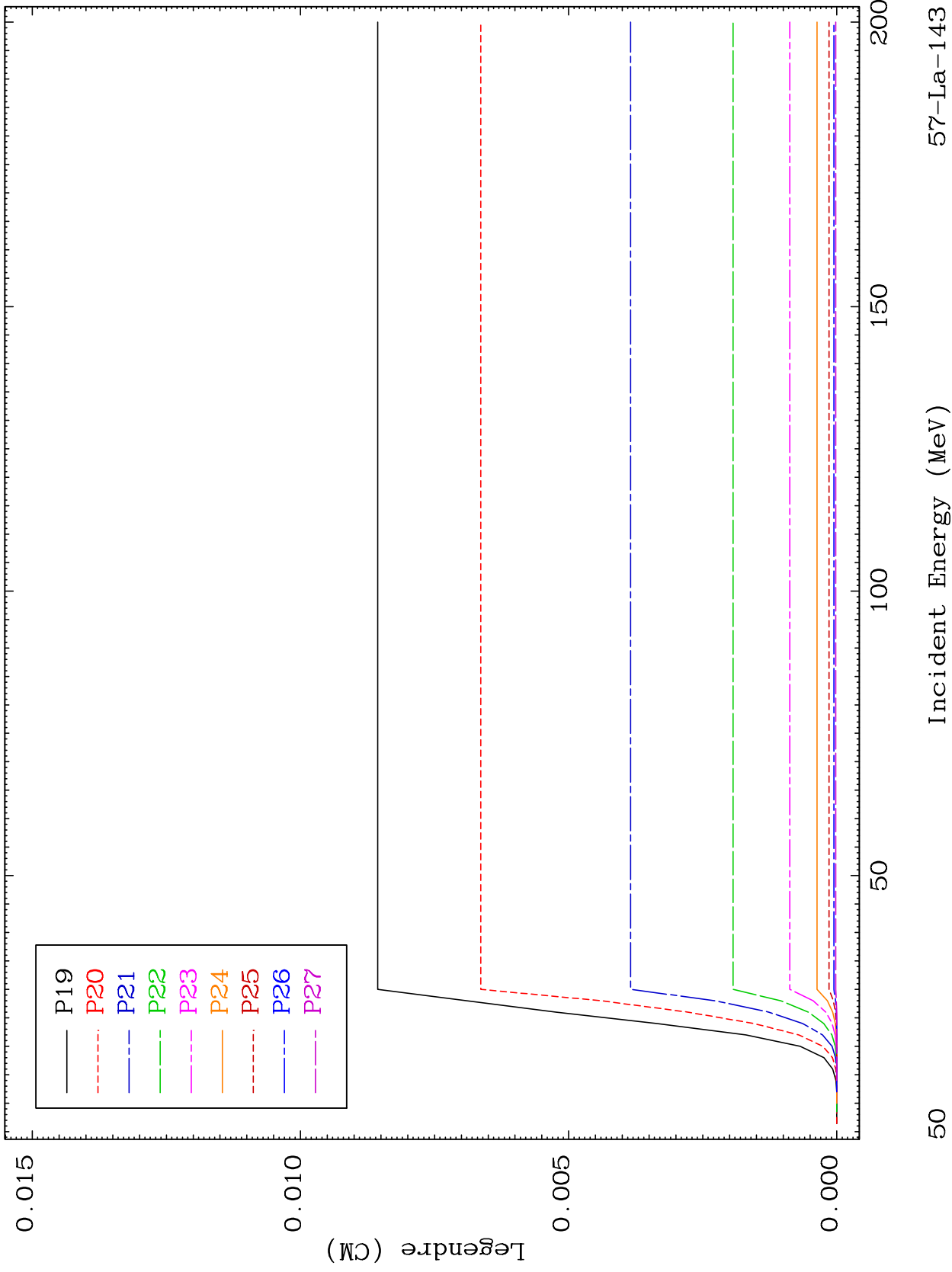
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MAT 5740

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

57-La-143



57-La-143

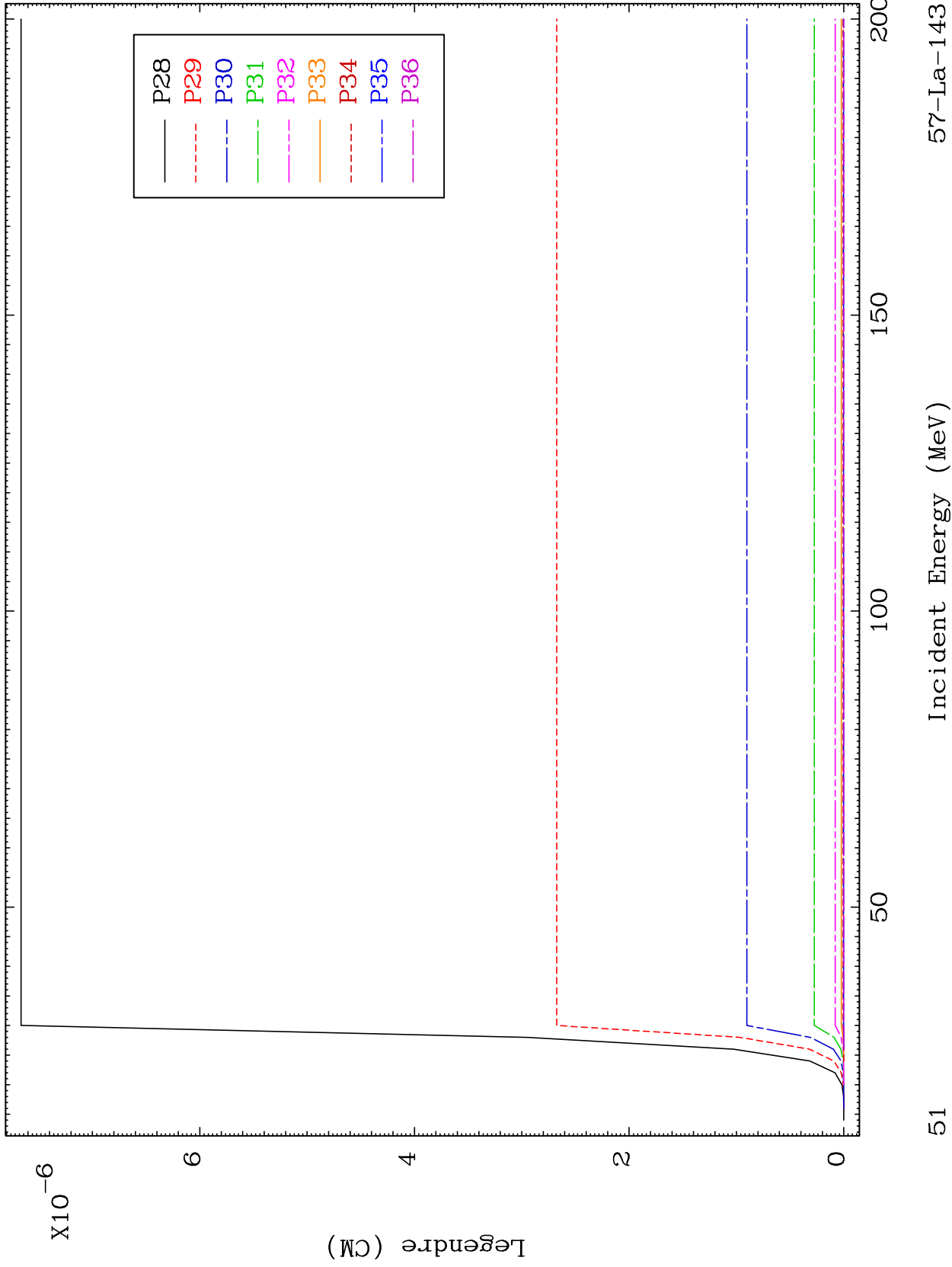
Incident Energy (MeV)

50

MAT 5740

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

57-La-143



51

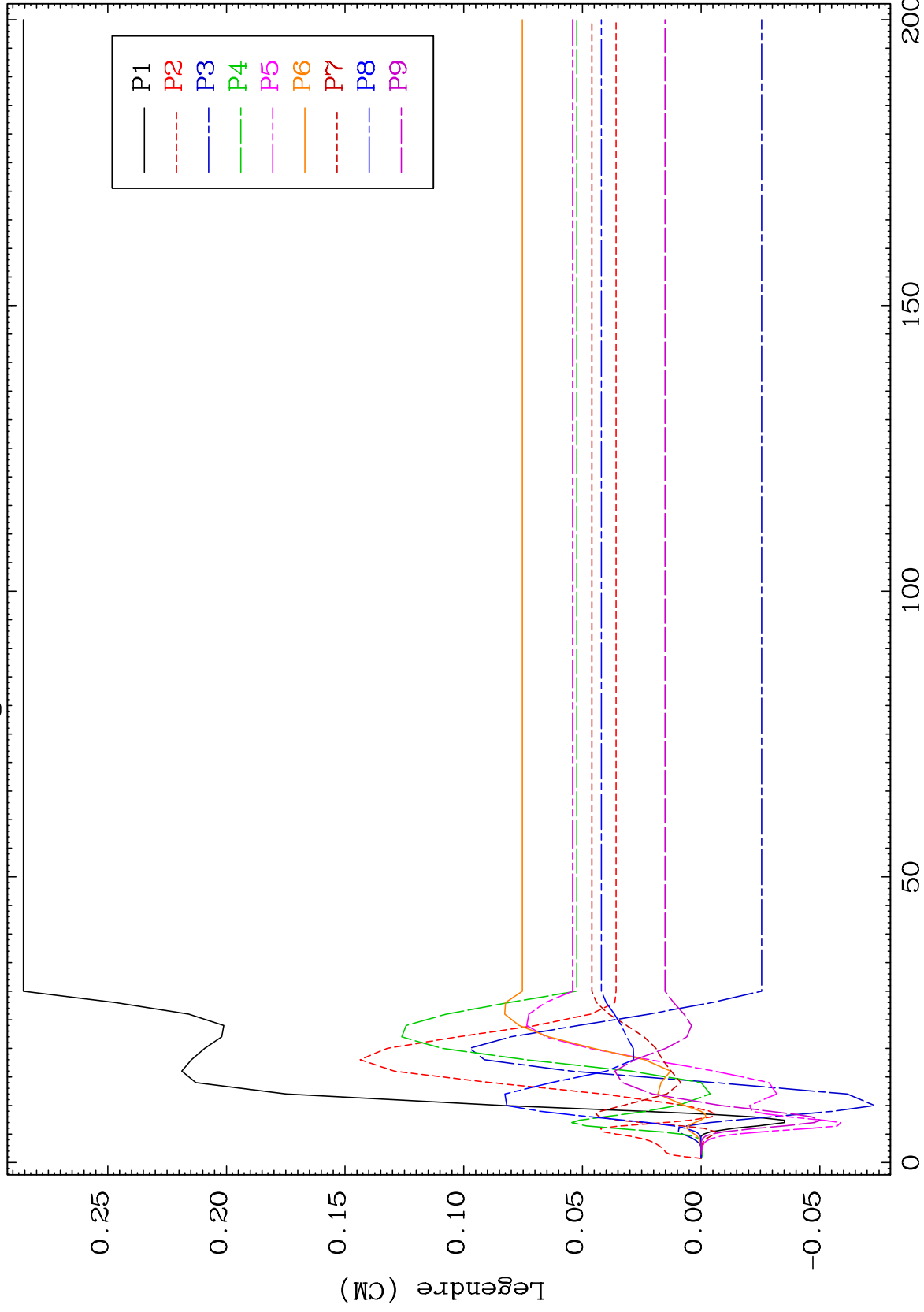
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

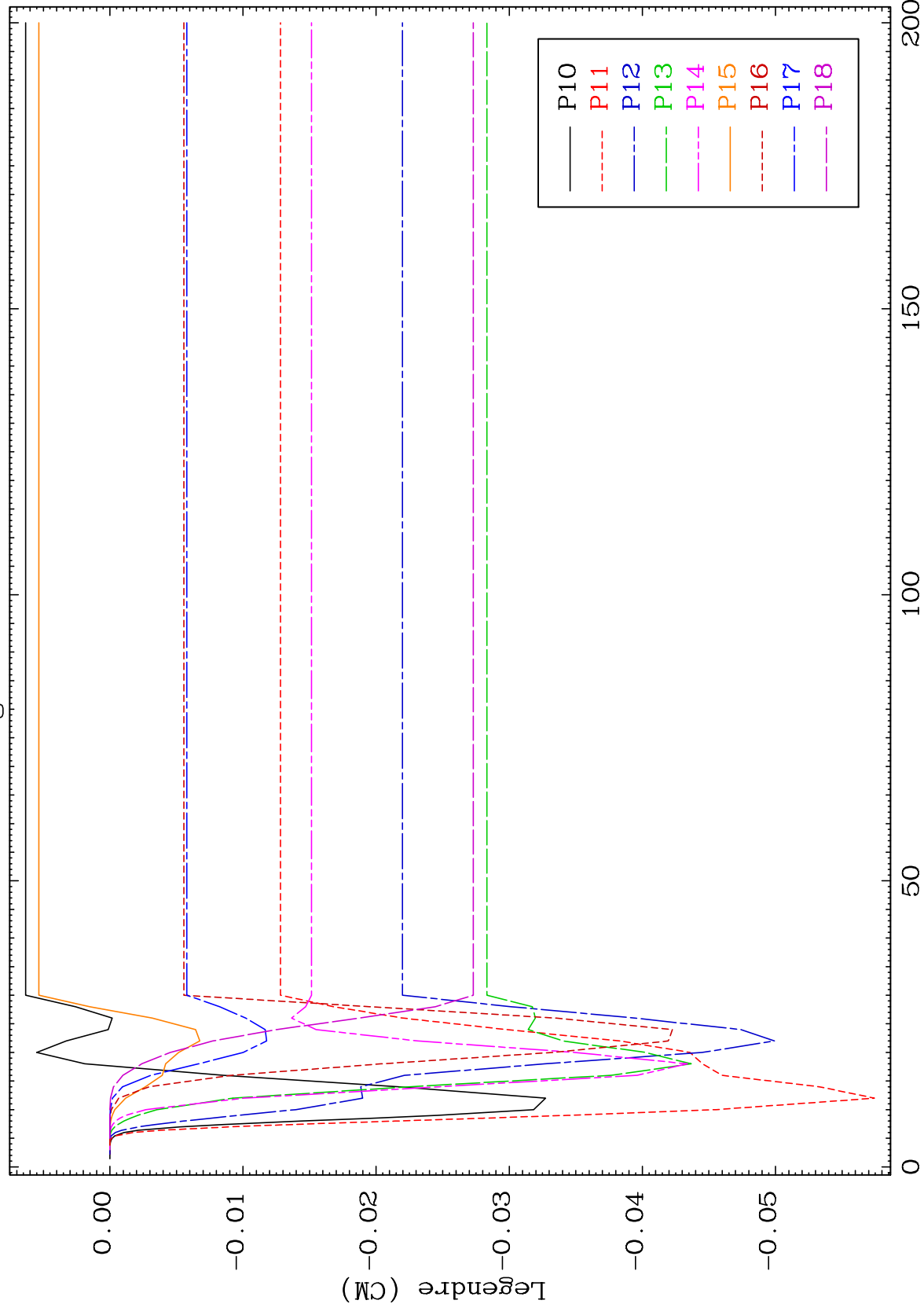
Incident Energy (MeV)

52

MAT 5740

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

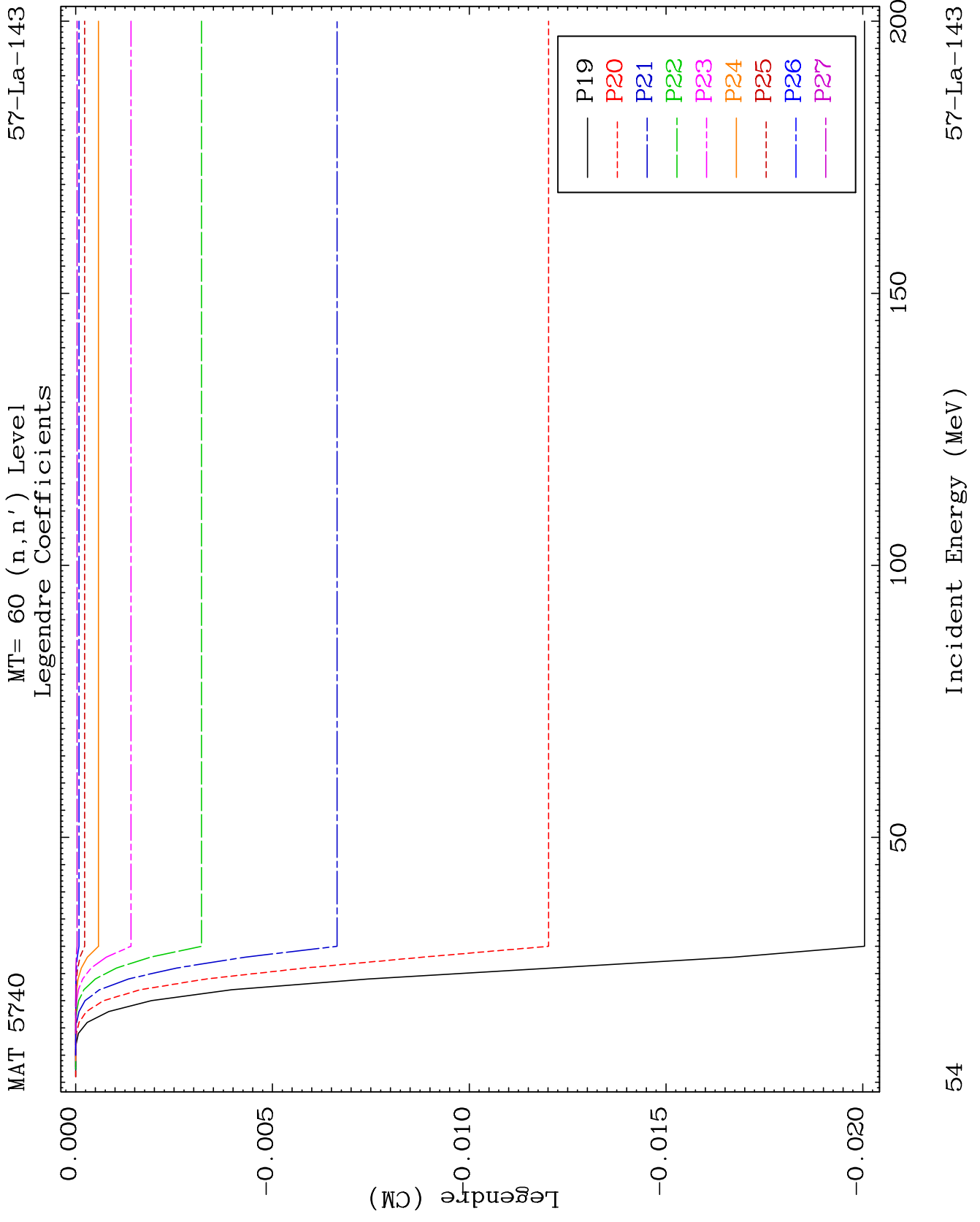
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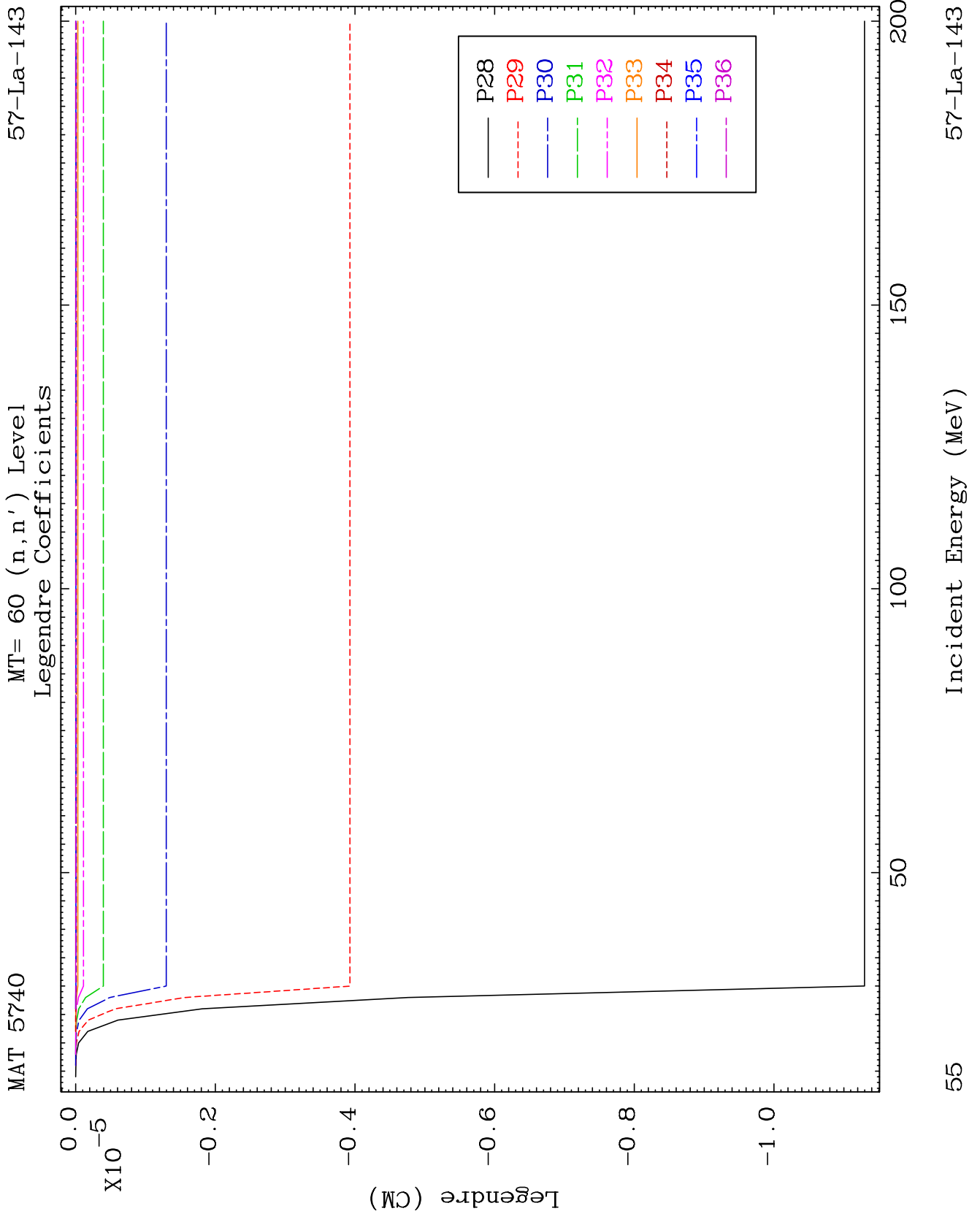


53

Incident Energy (MeV)

57-La-143

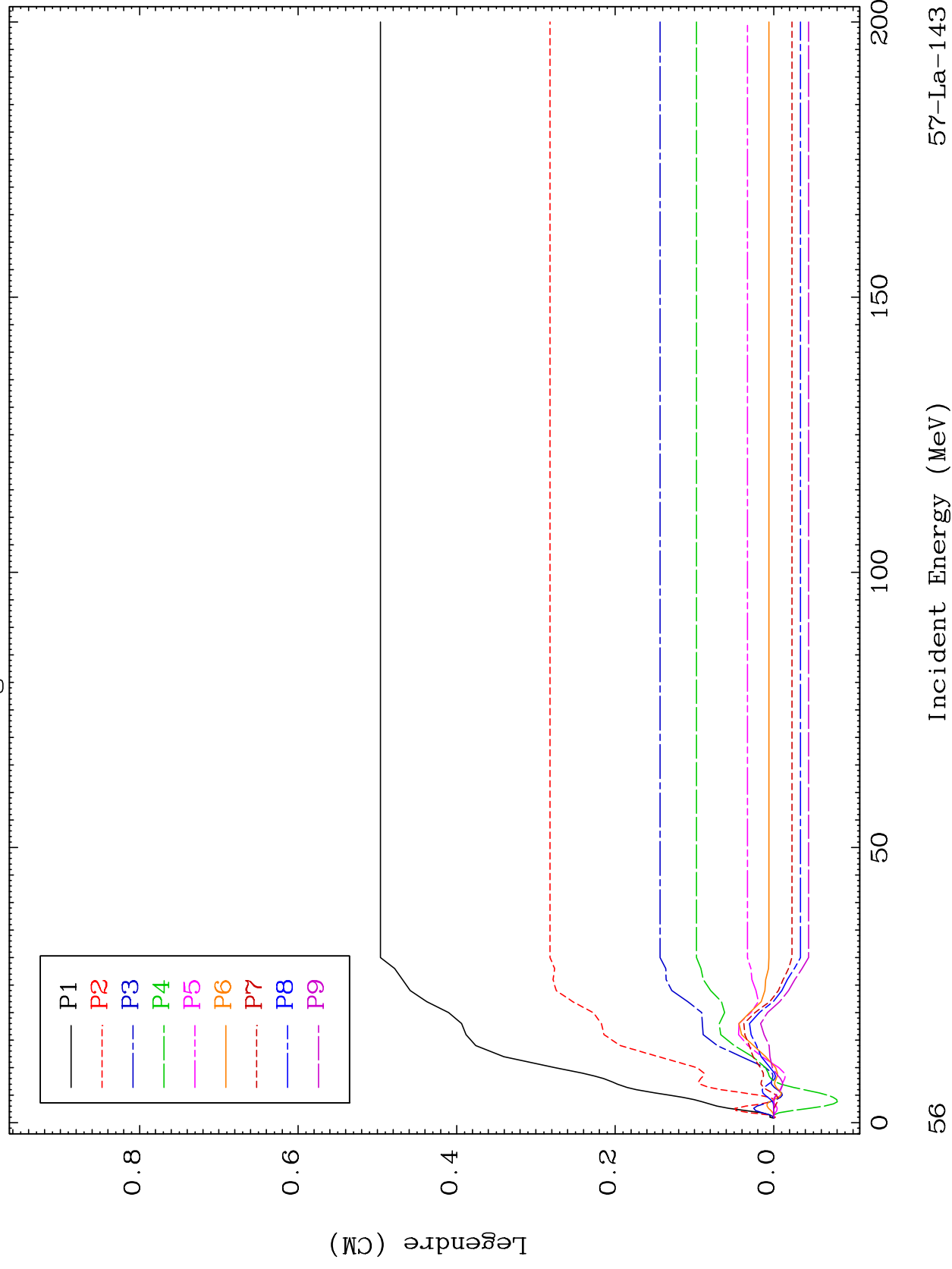




MAT 5740

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

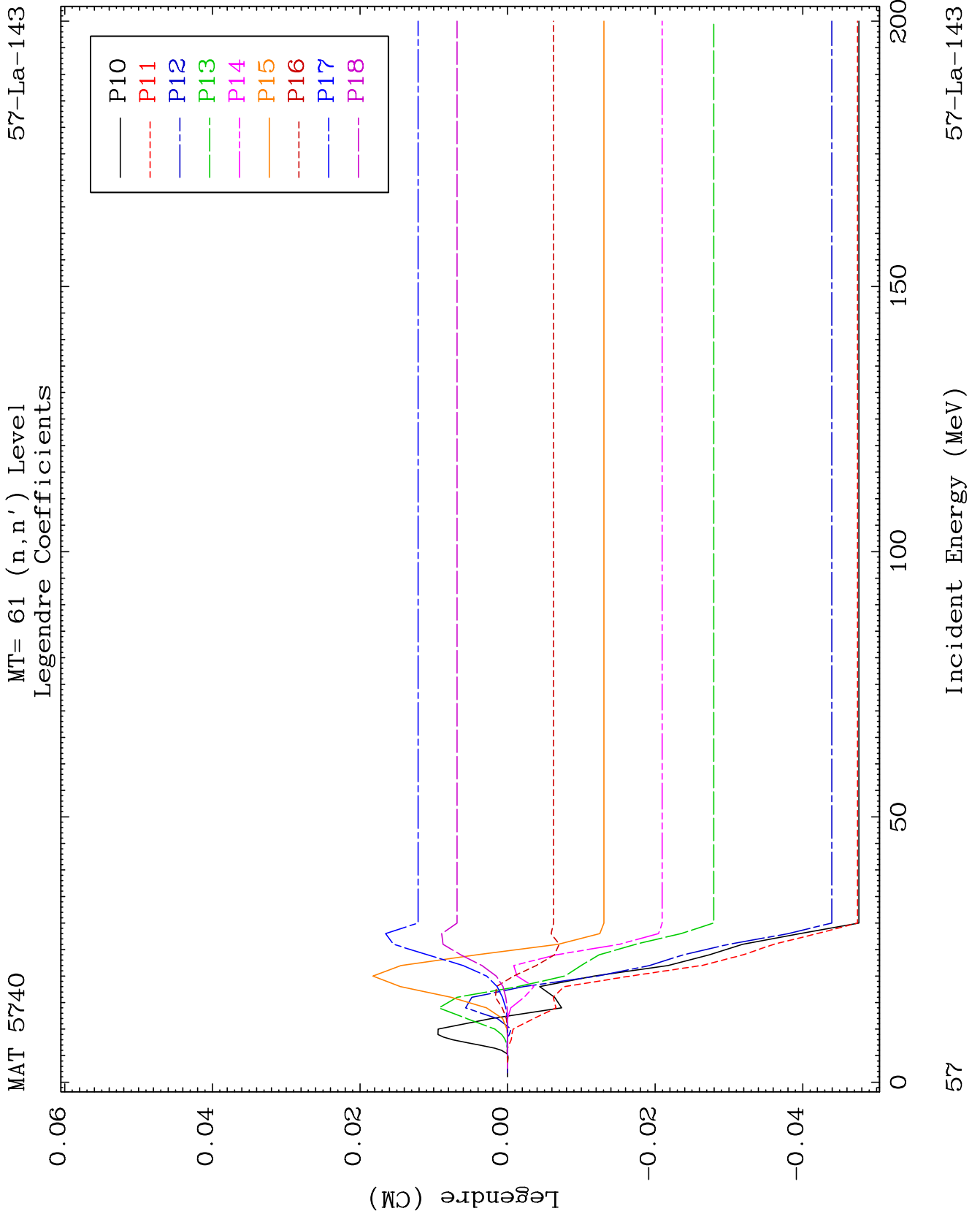
57-La-143



57-La-143

Incident Energy (MeV)

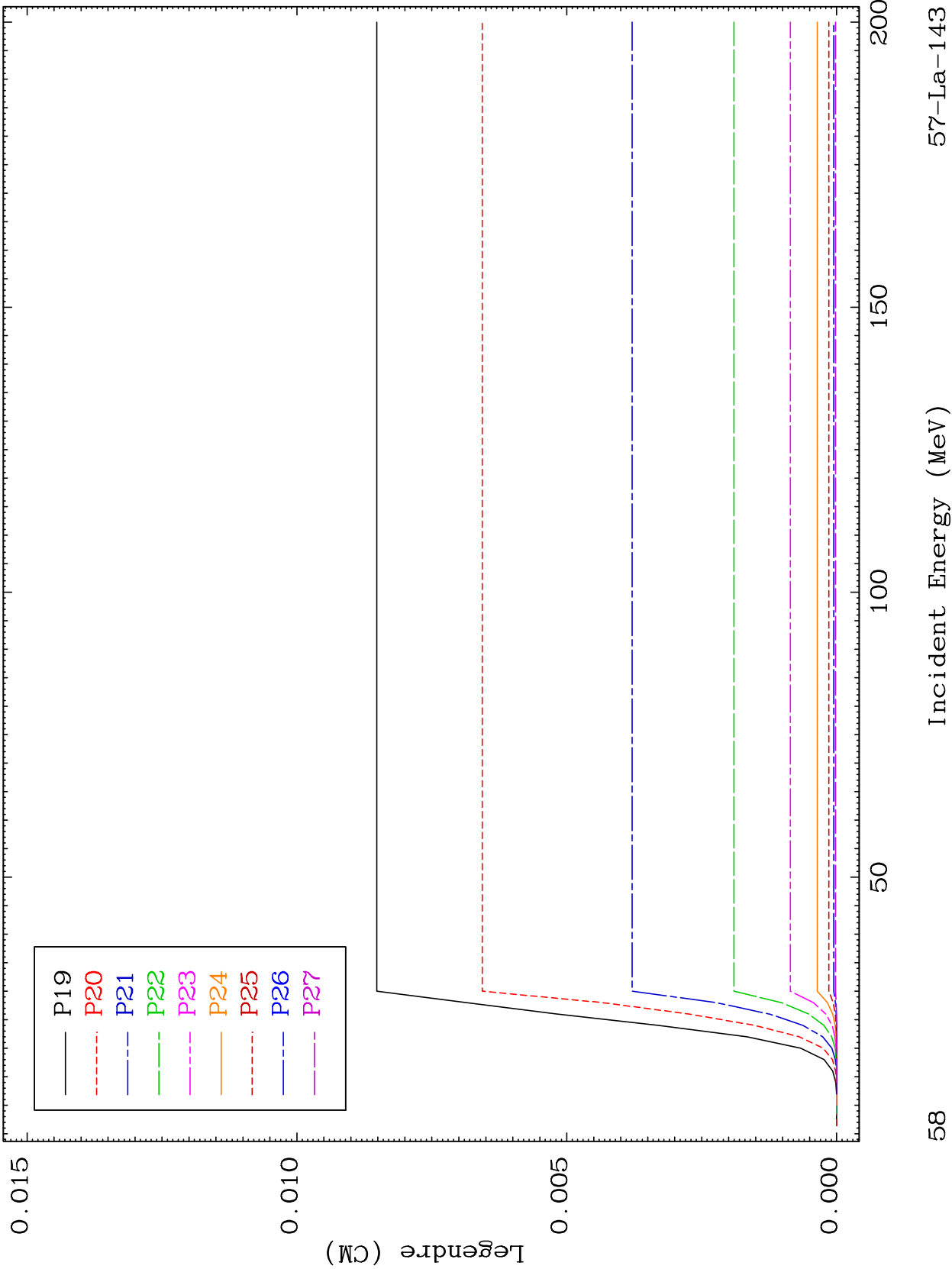
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MAT 5740

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

57-La-143



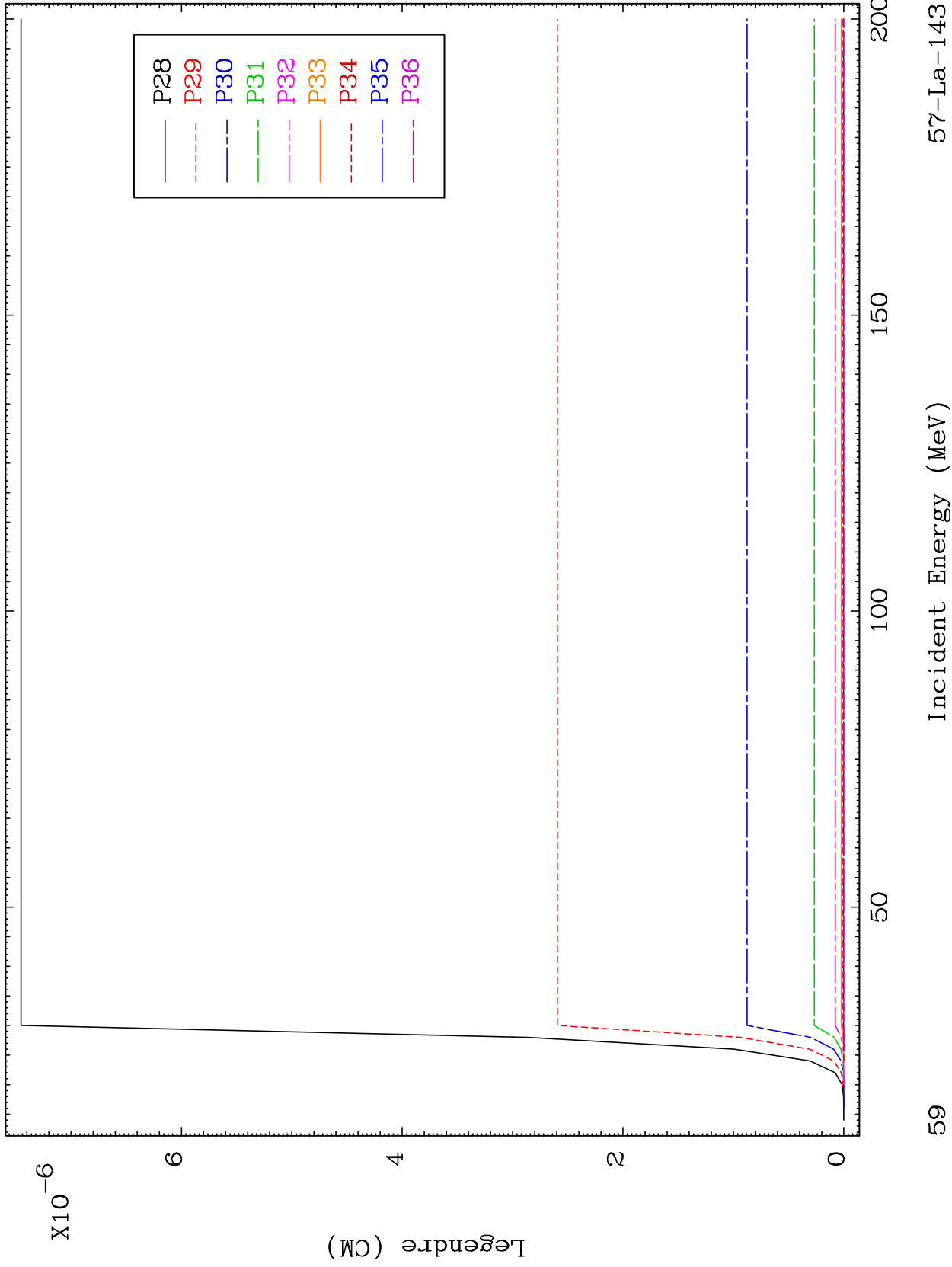
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57-La-143

MAT 5740

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

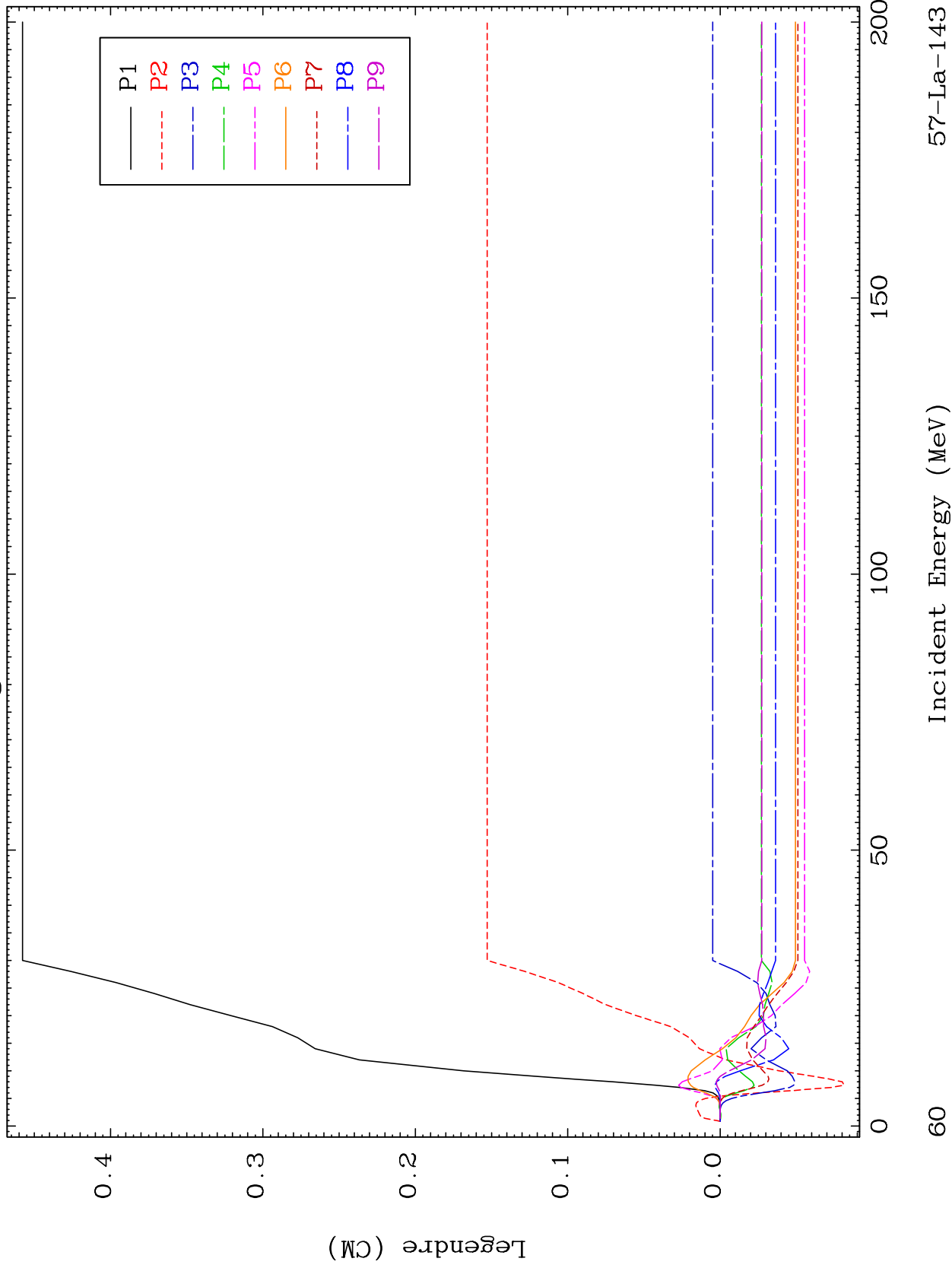
57-La-143



MAT 5740

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

57-La-143



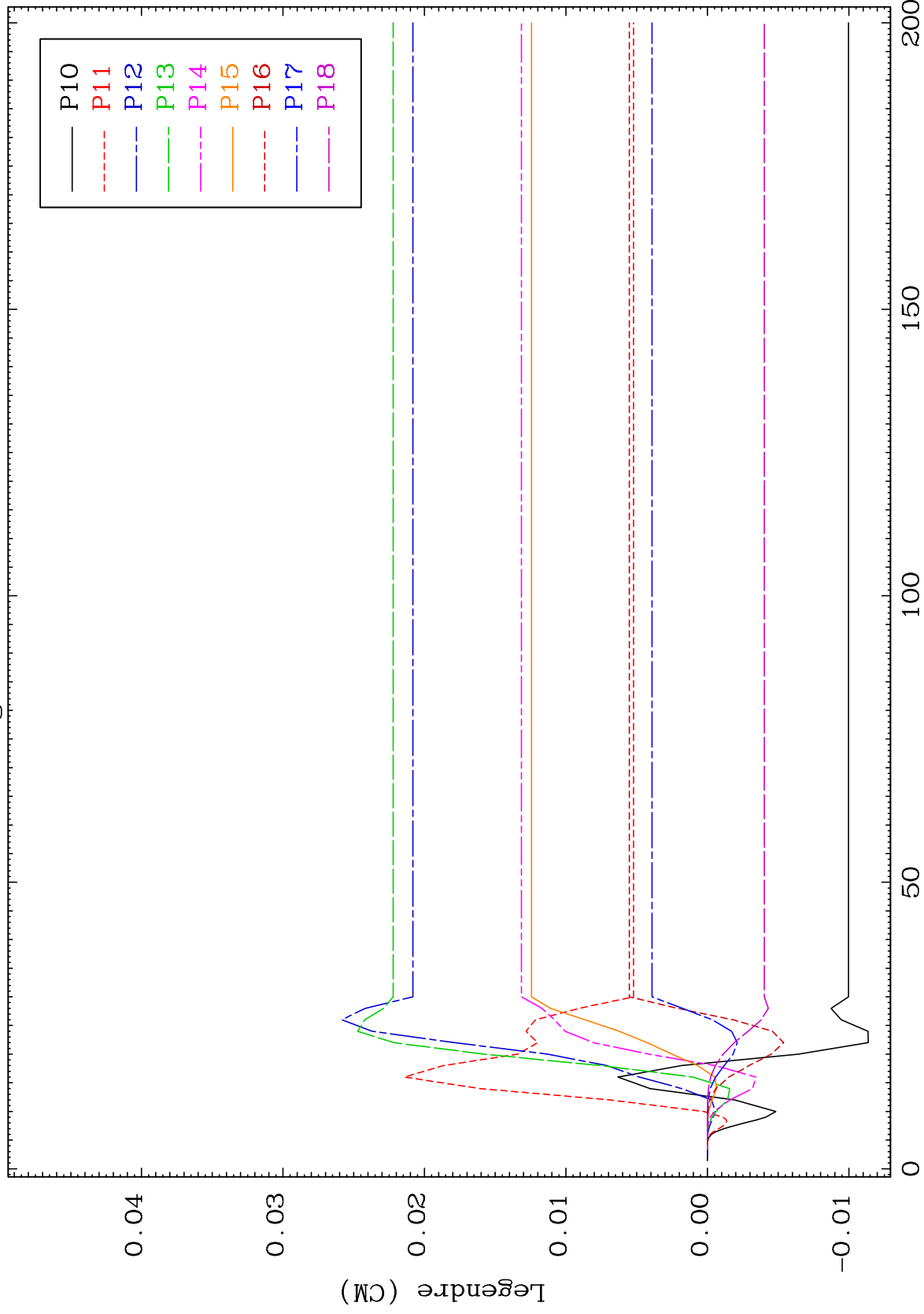
57-La-143

Incident Energy (MeV)

MAT 5740

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

57-La-143



61

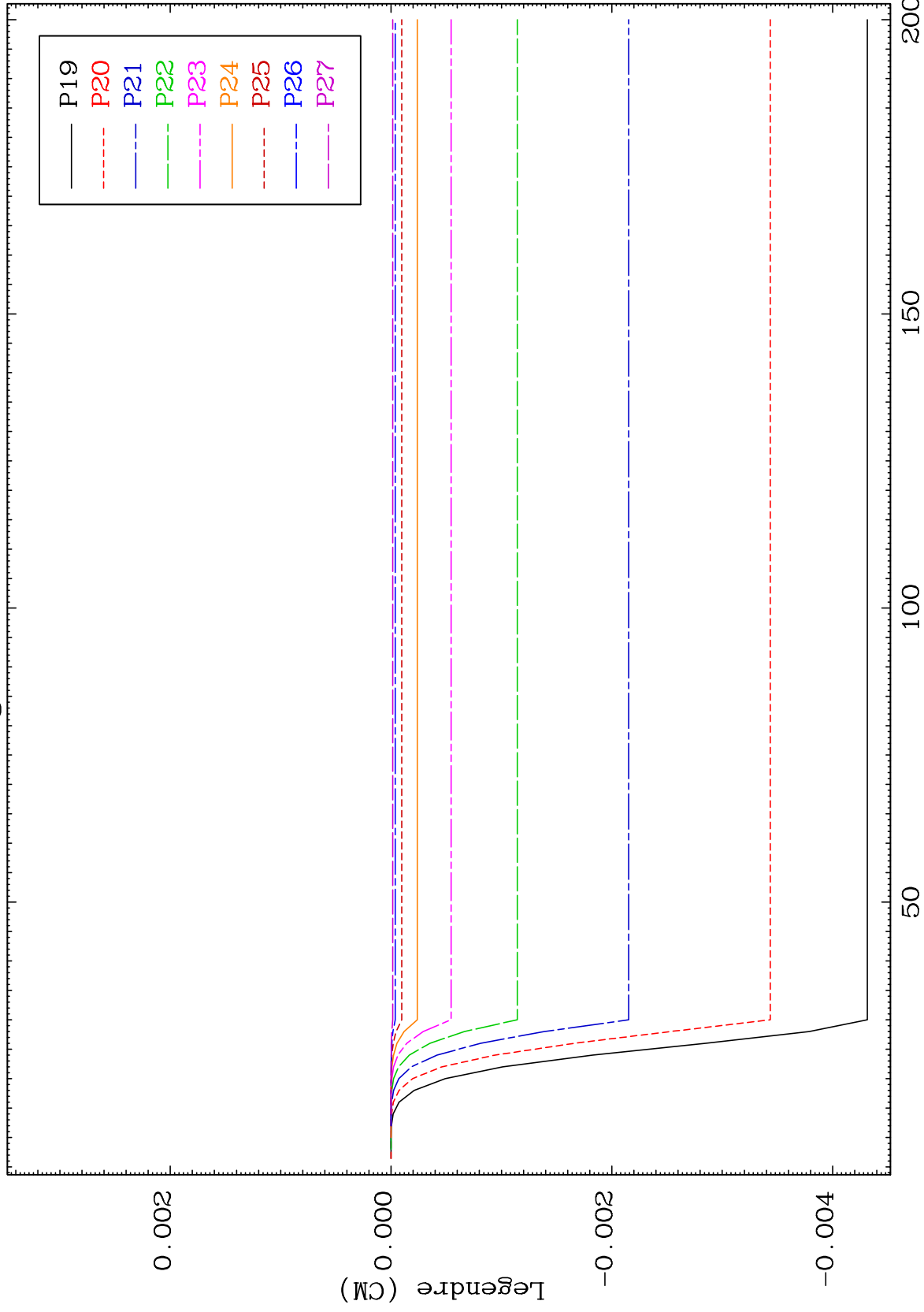
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



62

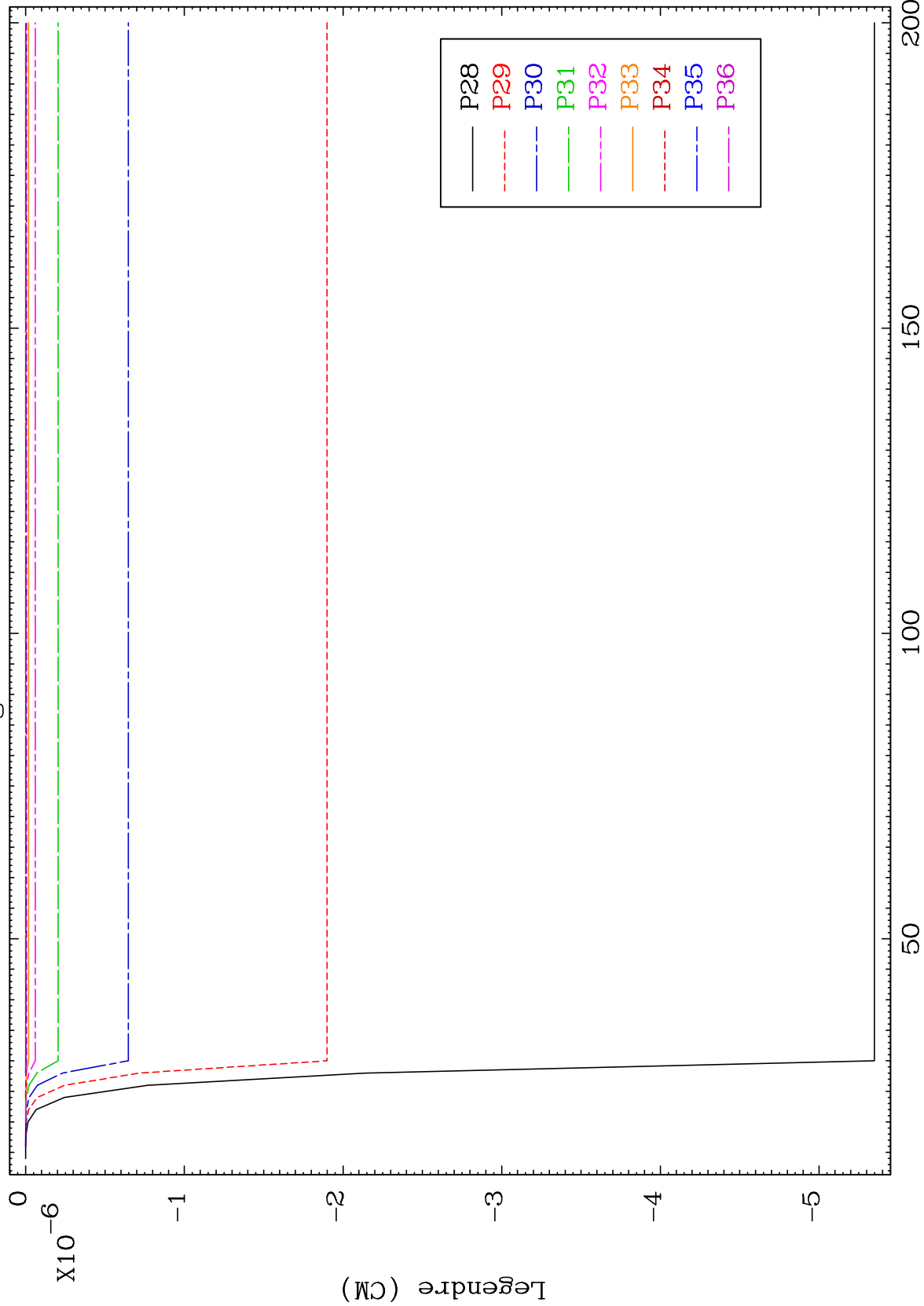
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



63

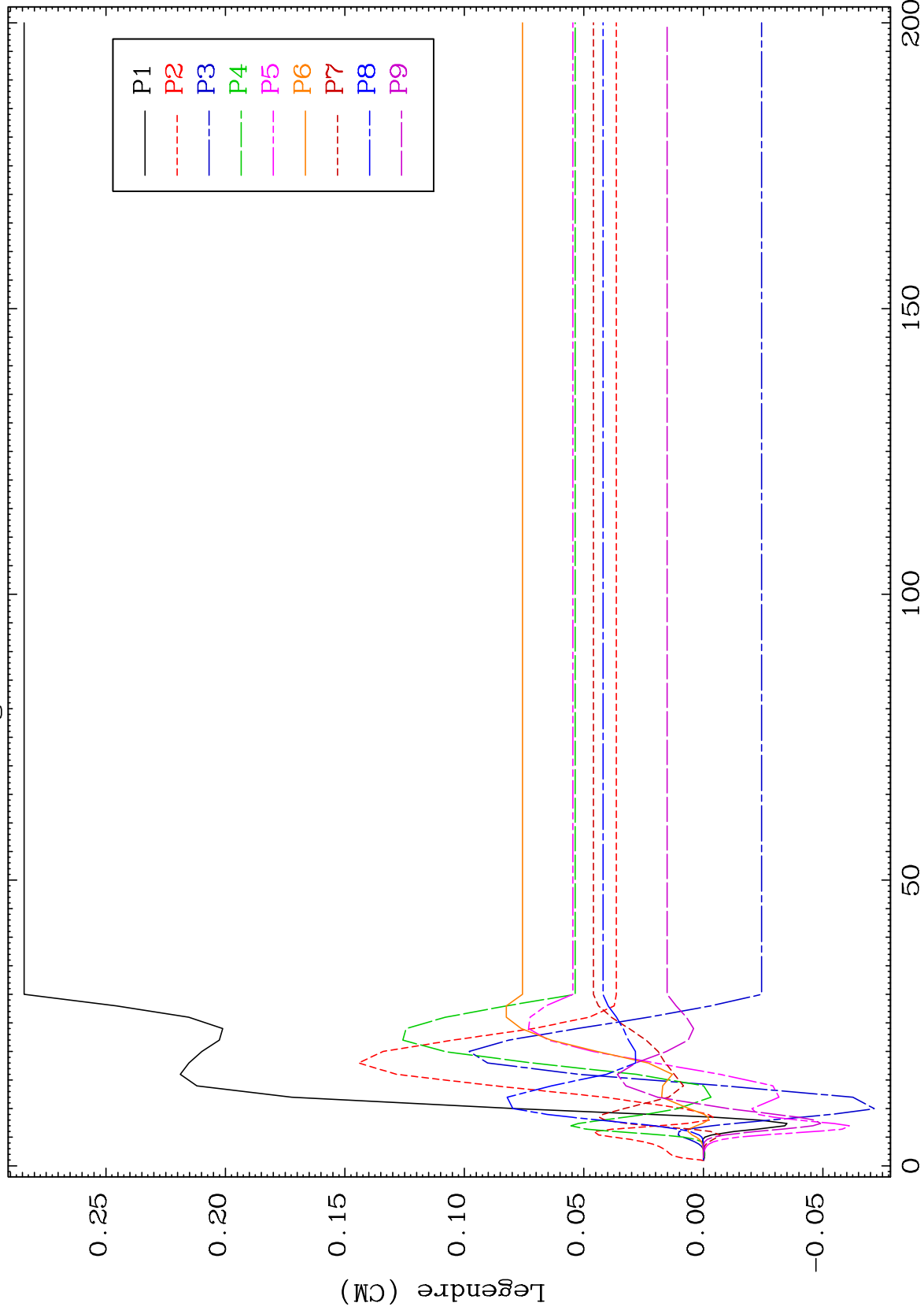
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



64

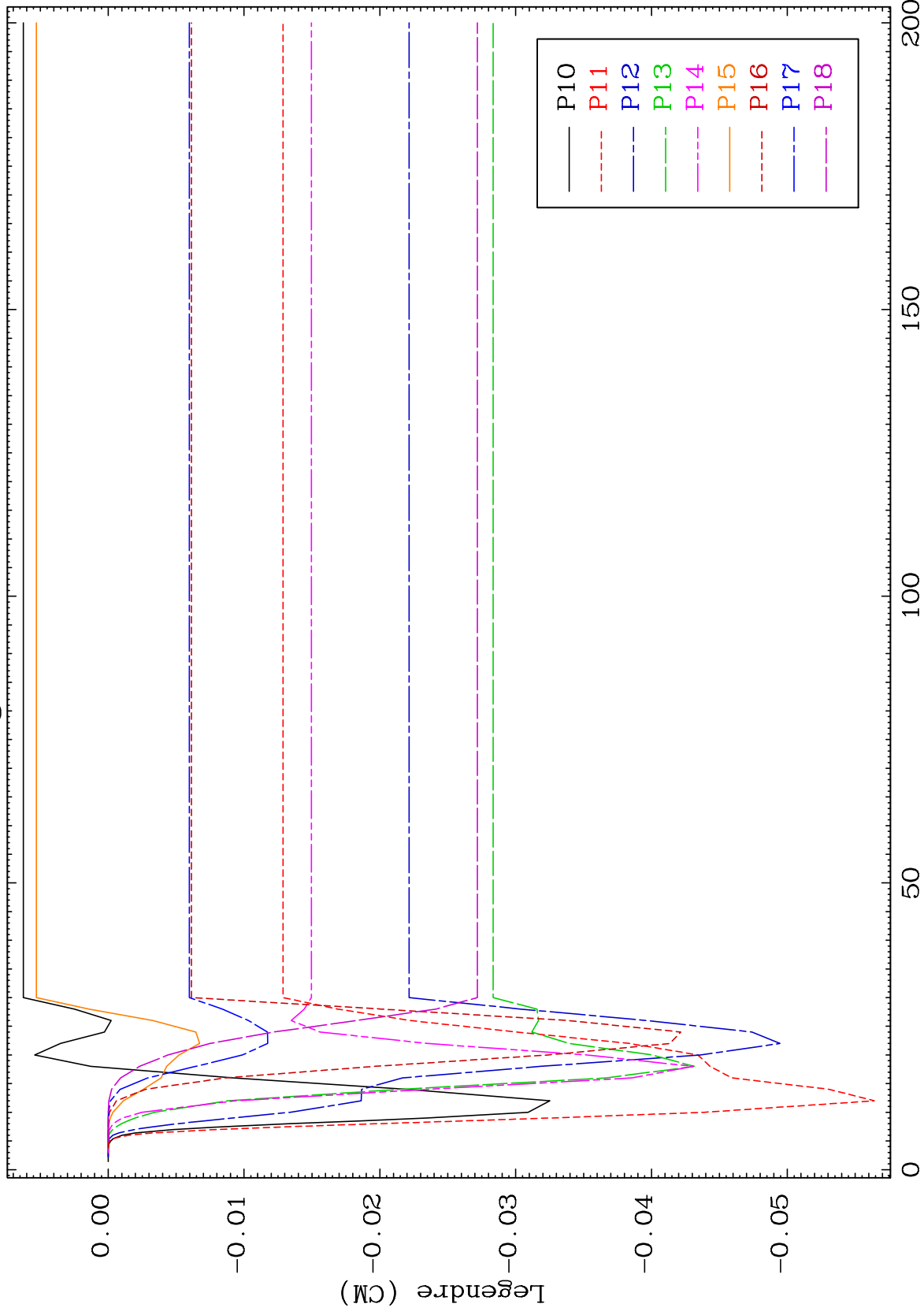
Incident Energy (MeV)

57-La-143

MAT 5740

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

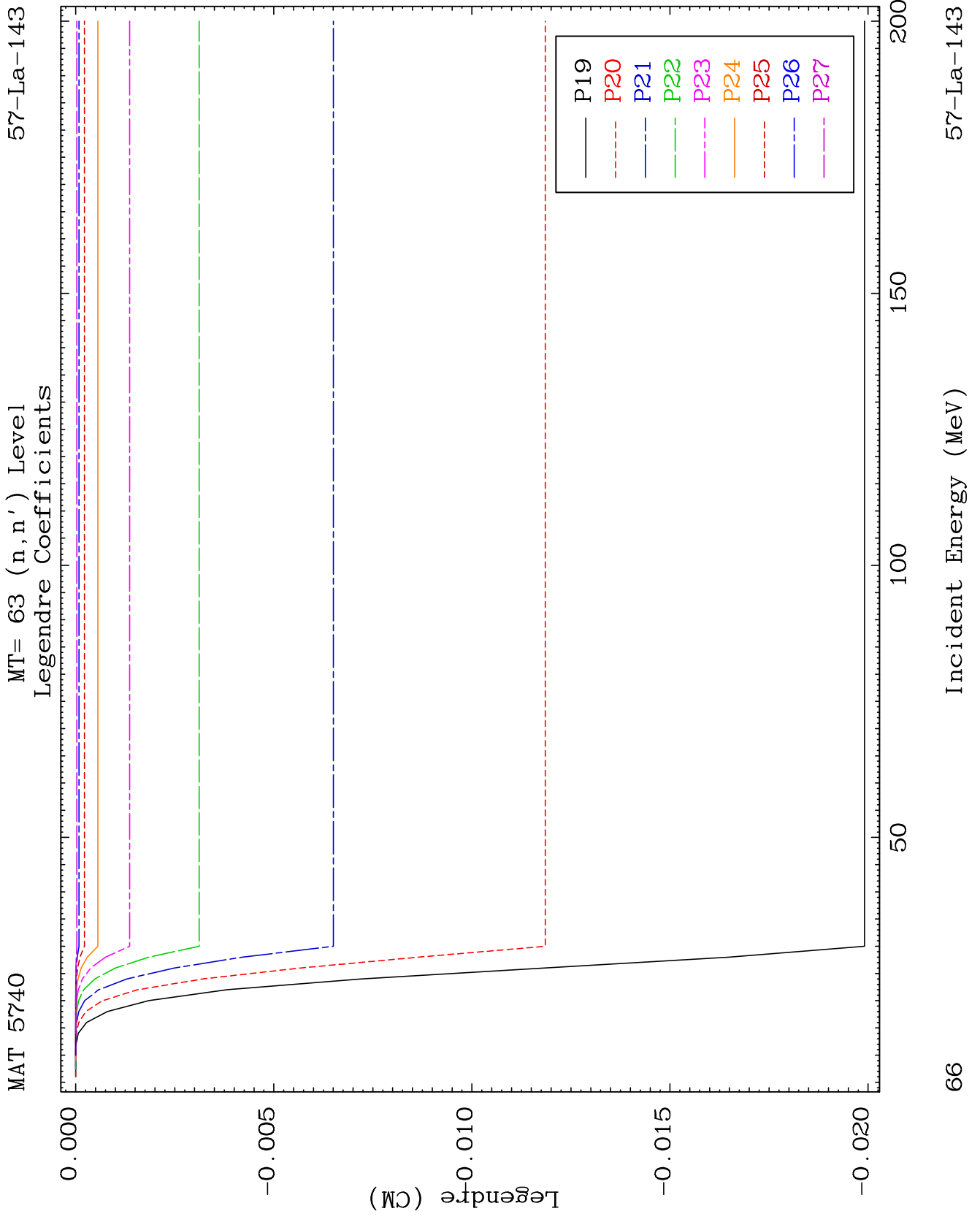
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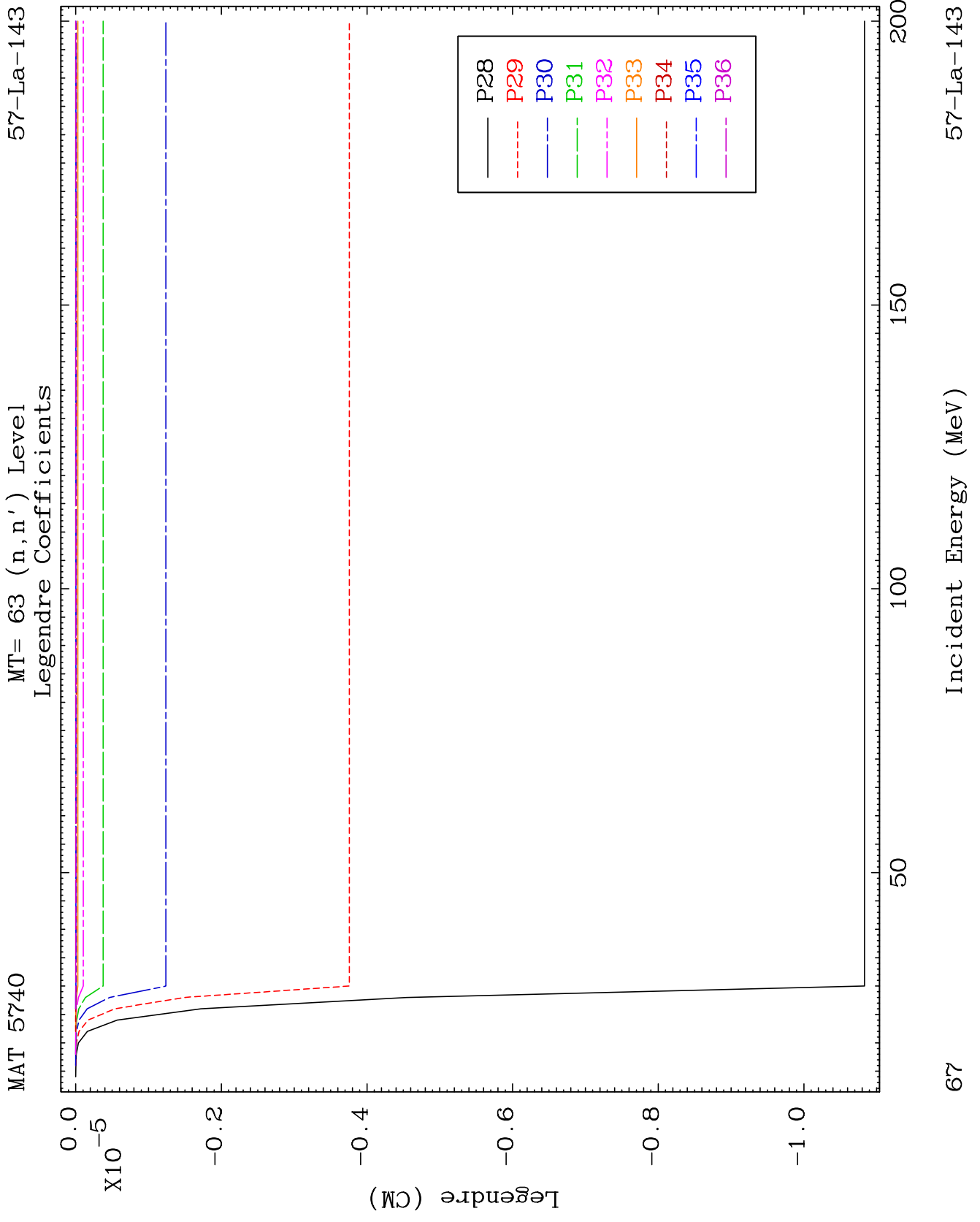


65

Incident Energy (MeV)

57-La-143

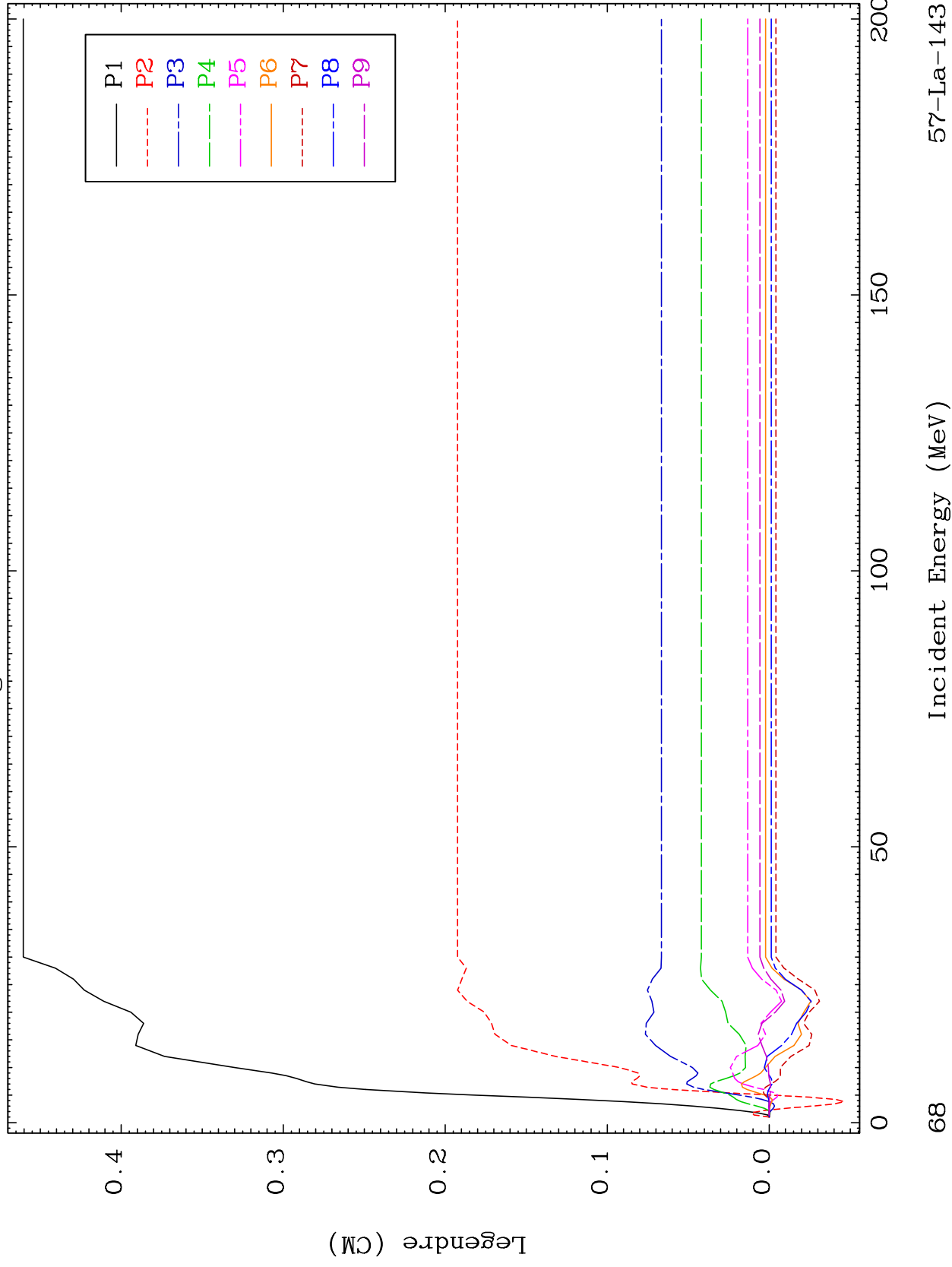




MAT 5740

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

57-La-143



57-La-143

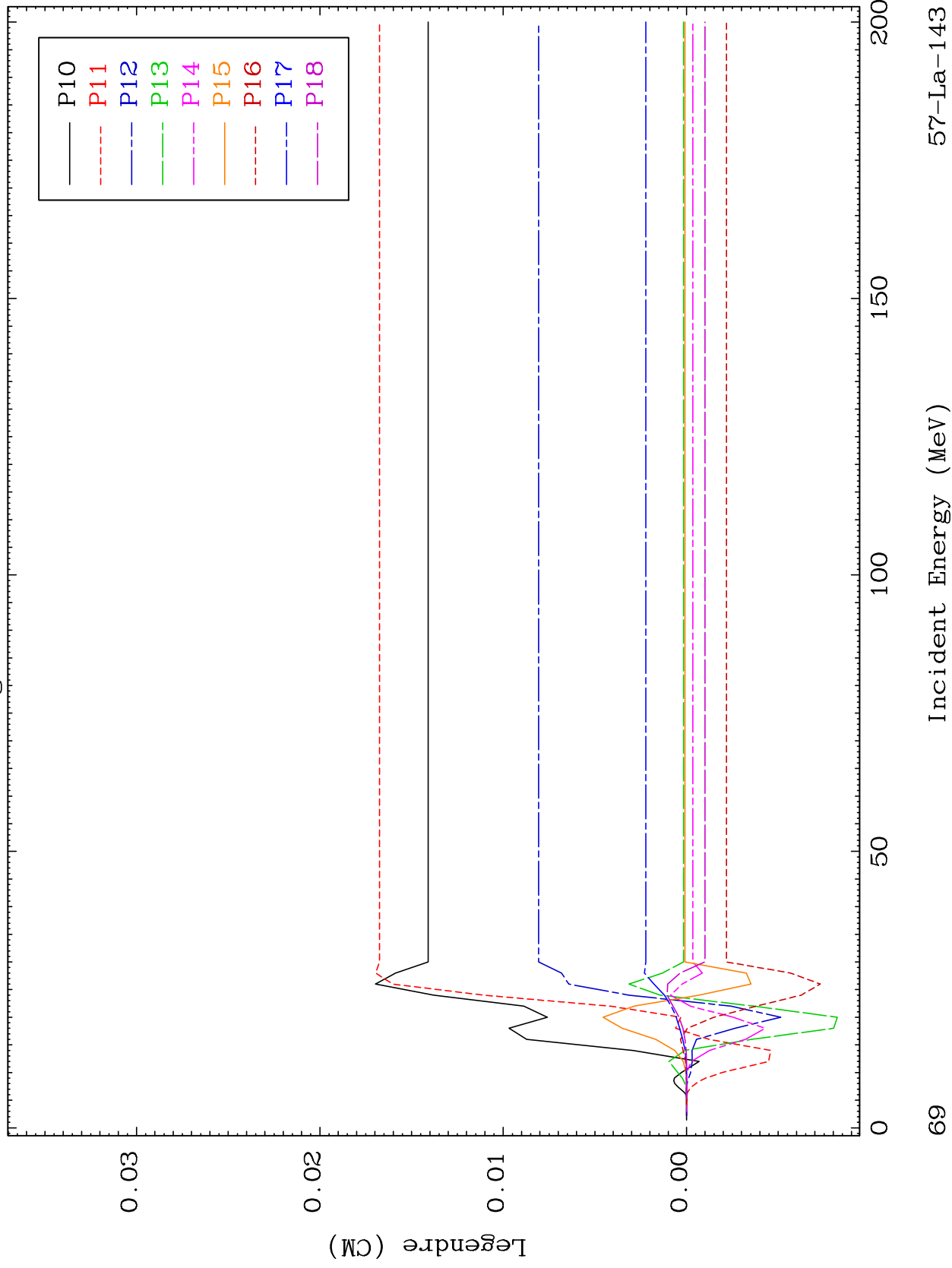
Incident Energy (MeV)

68

MAT 5740

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

57-La-143



57-La-143

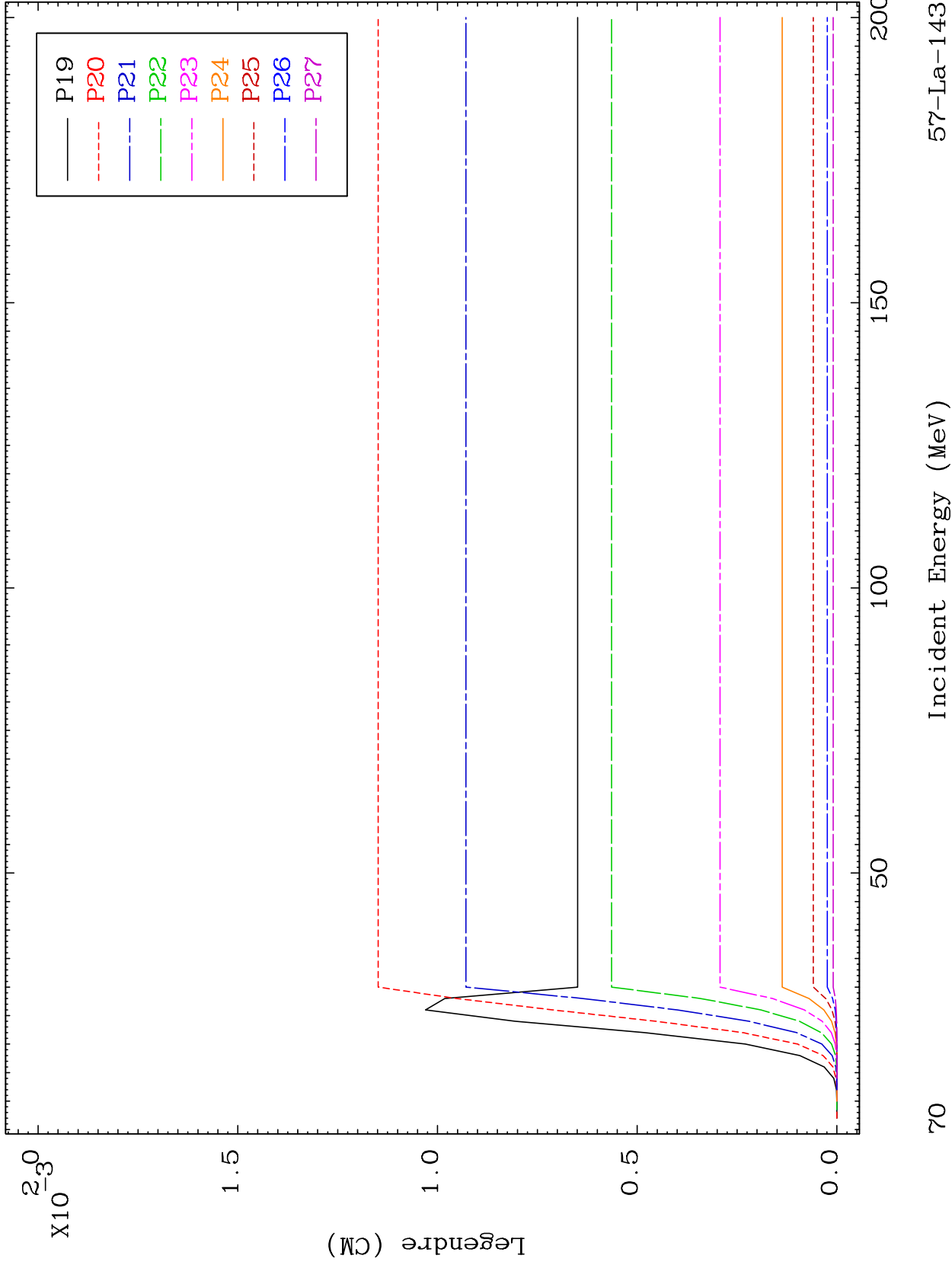
Incident Energy (MeV)

69

MAT 5740

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

57-La-143



70

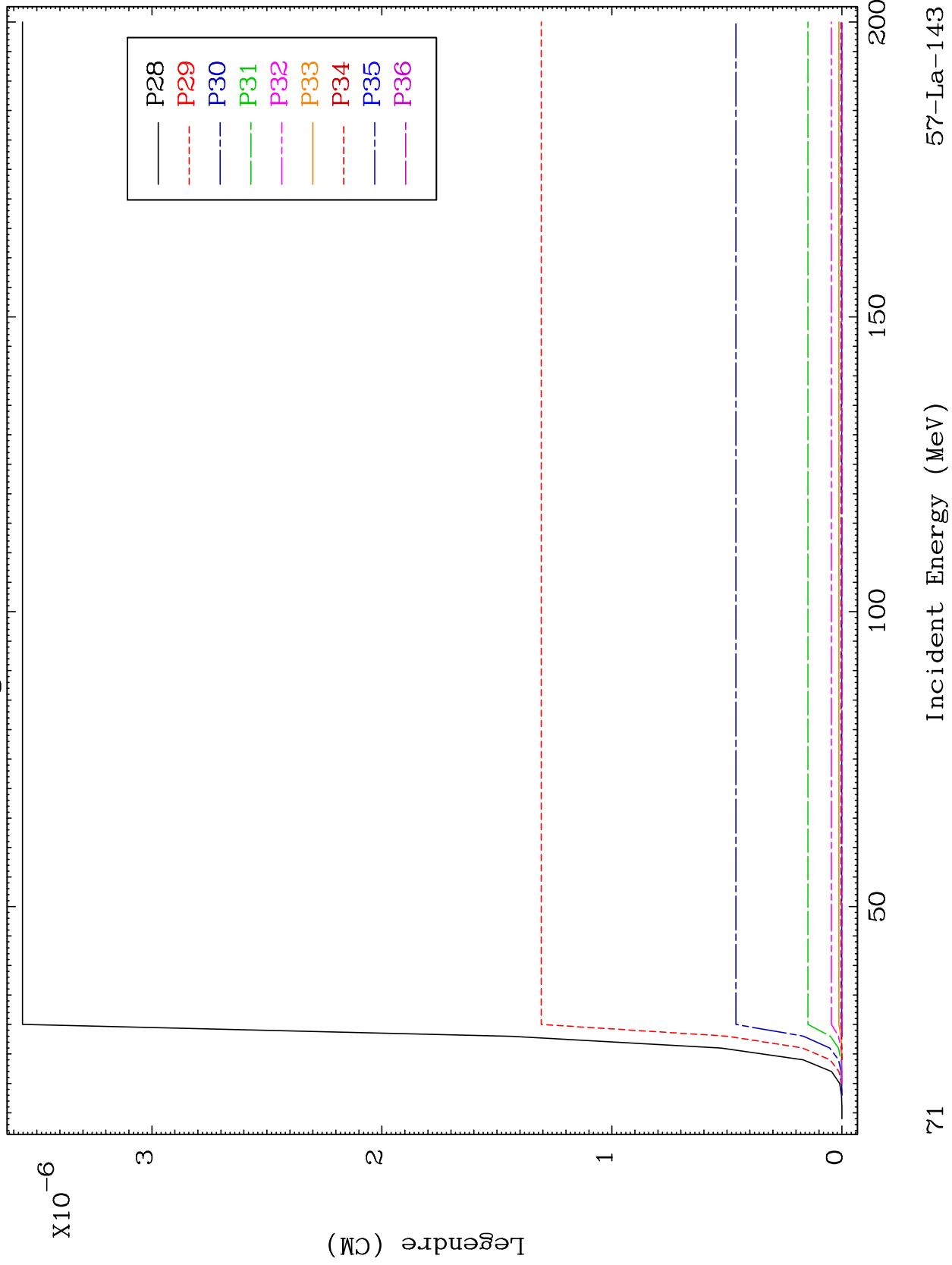
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



71

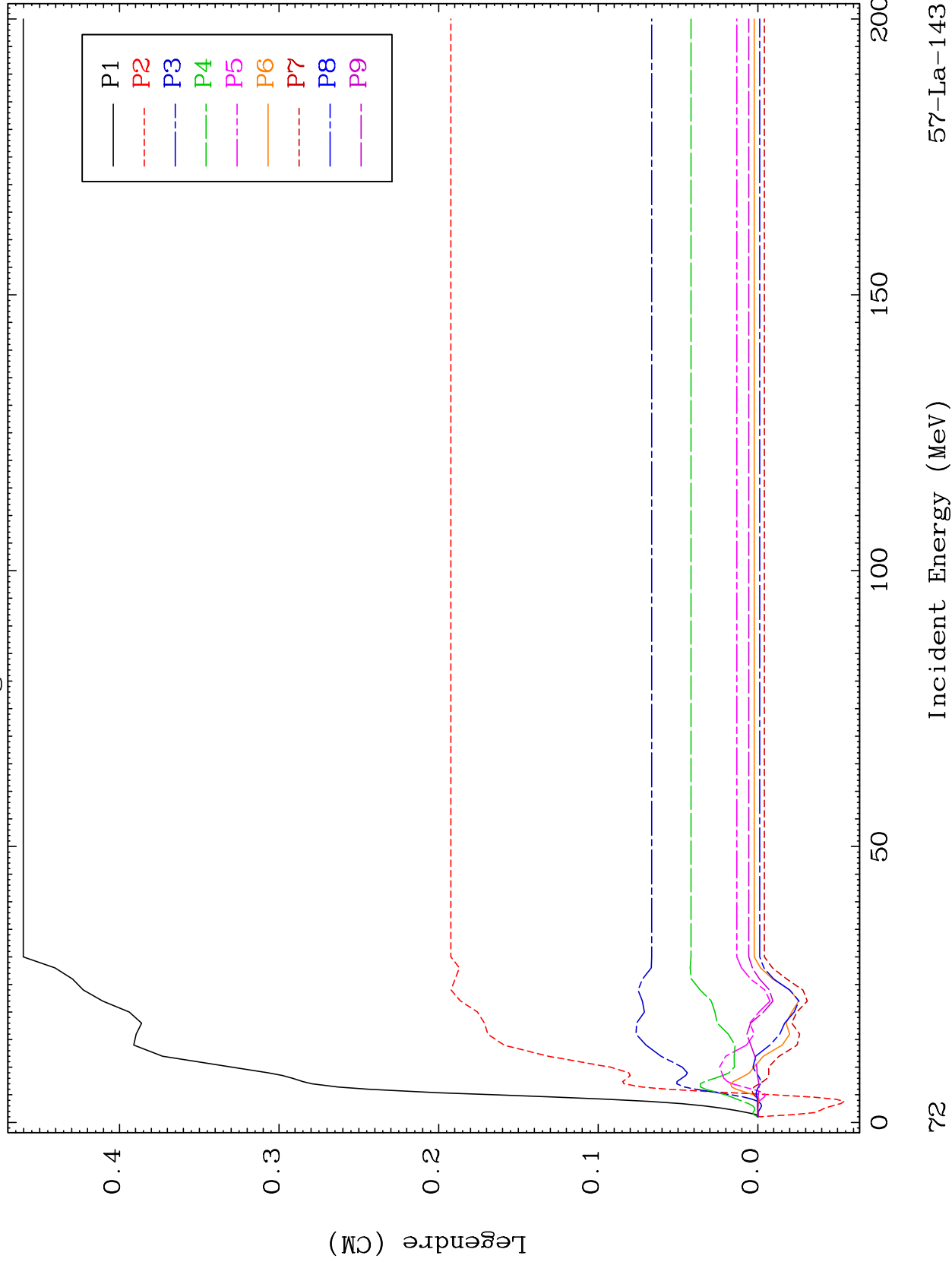
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

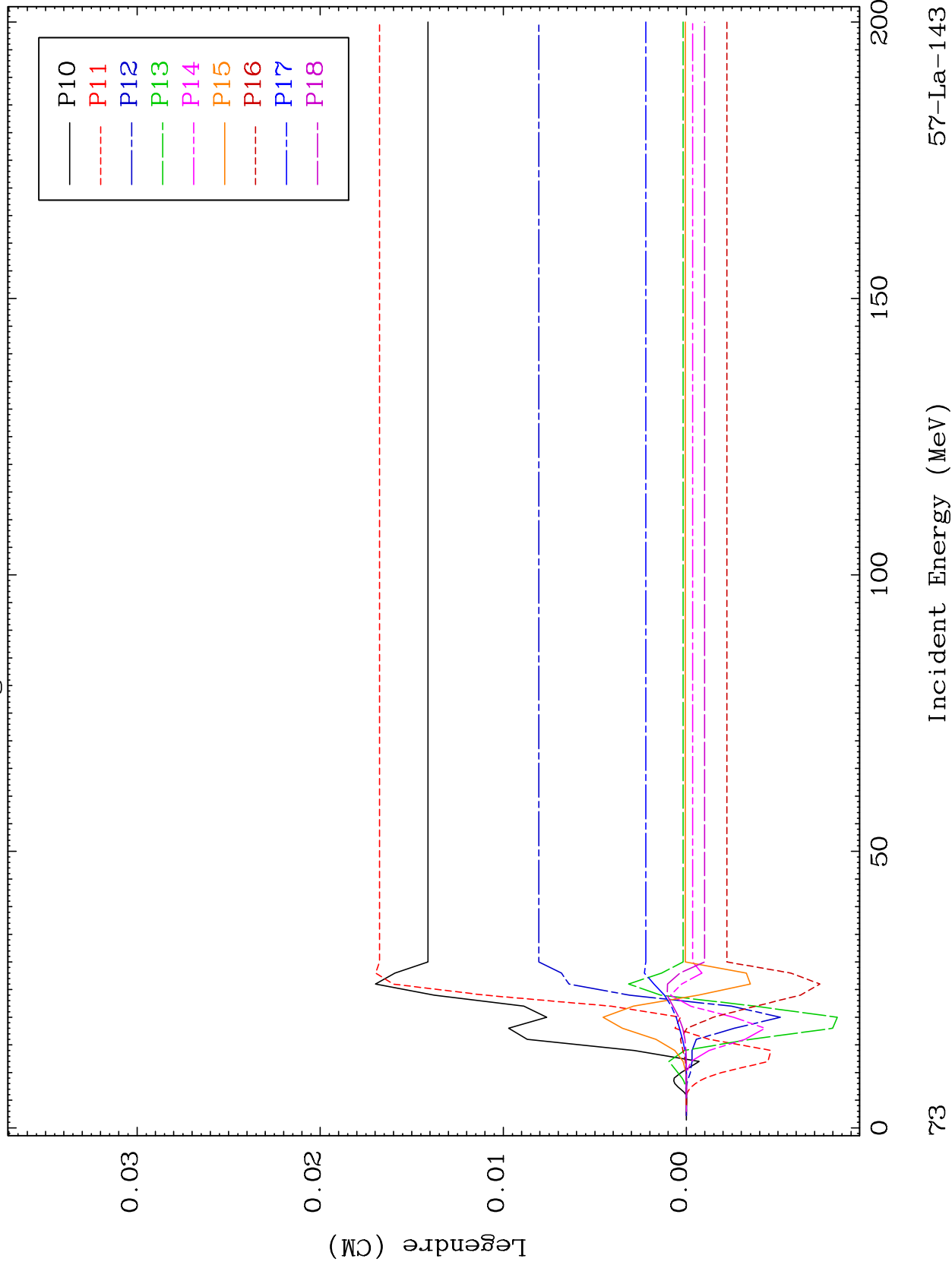
Incident Energy (MeV)

72

MAT 5740

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

57-La-143



57-La-143

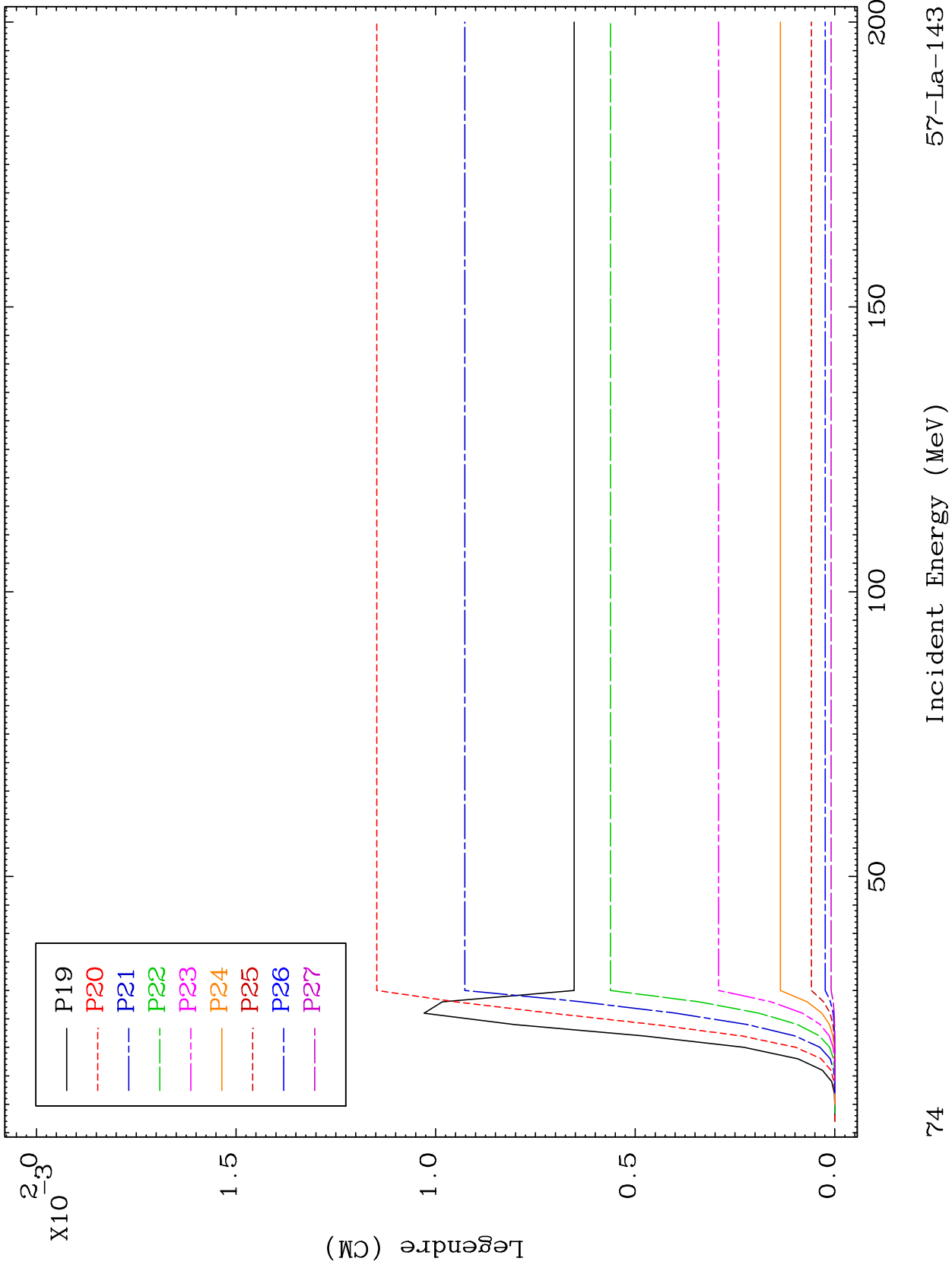
Incident Energy (MeV)

73

MAT 5740

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

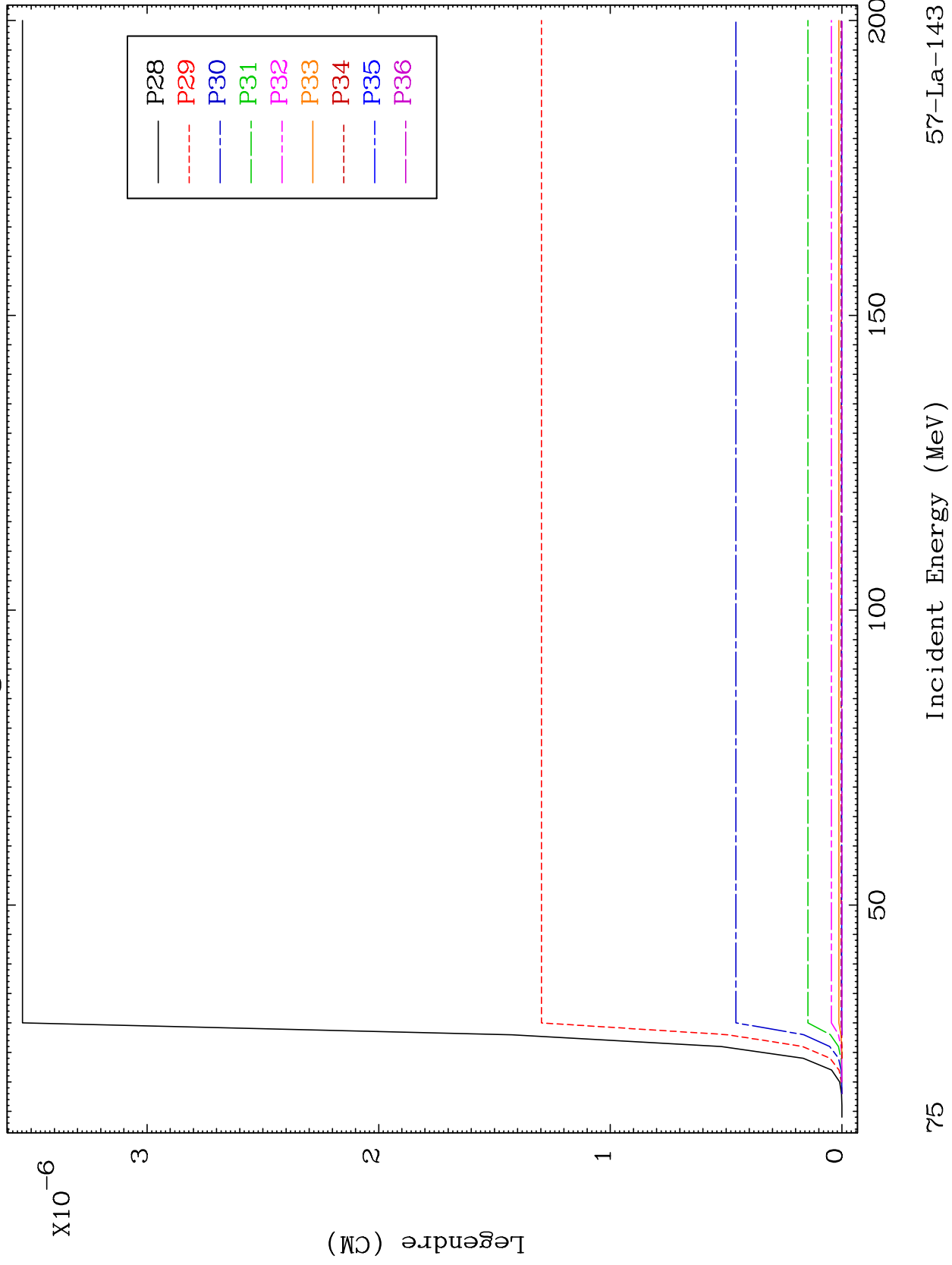
57-La-143



MAT 5740

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

57-La-143



75

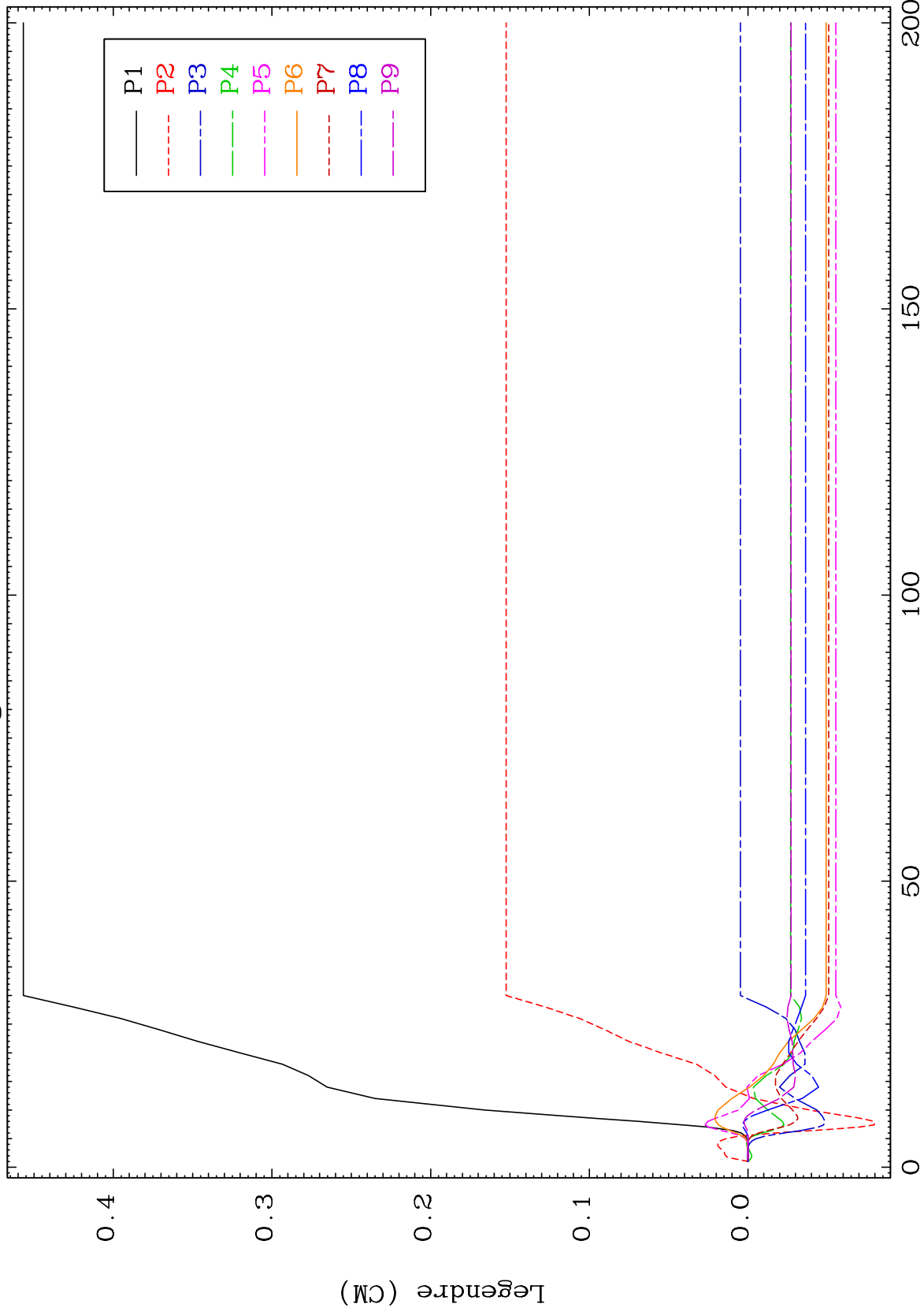
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



76

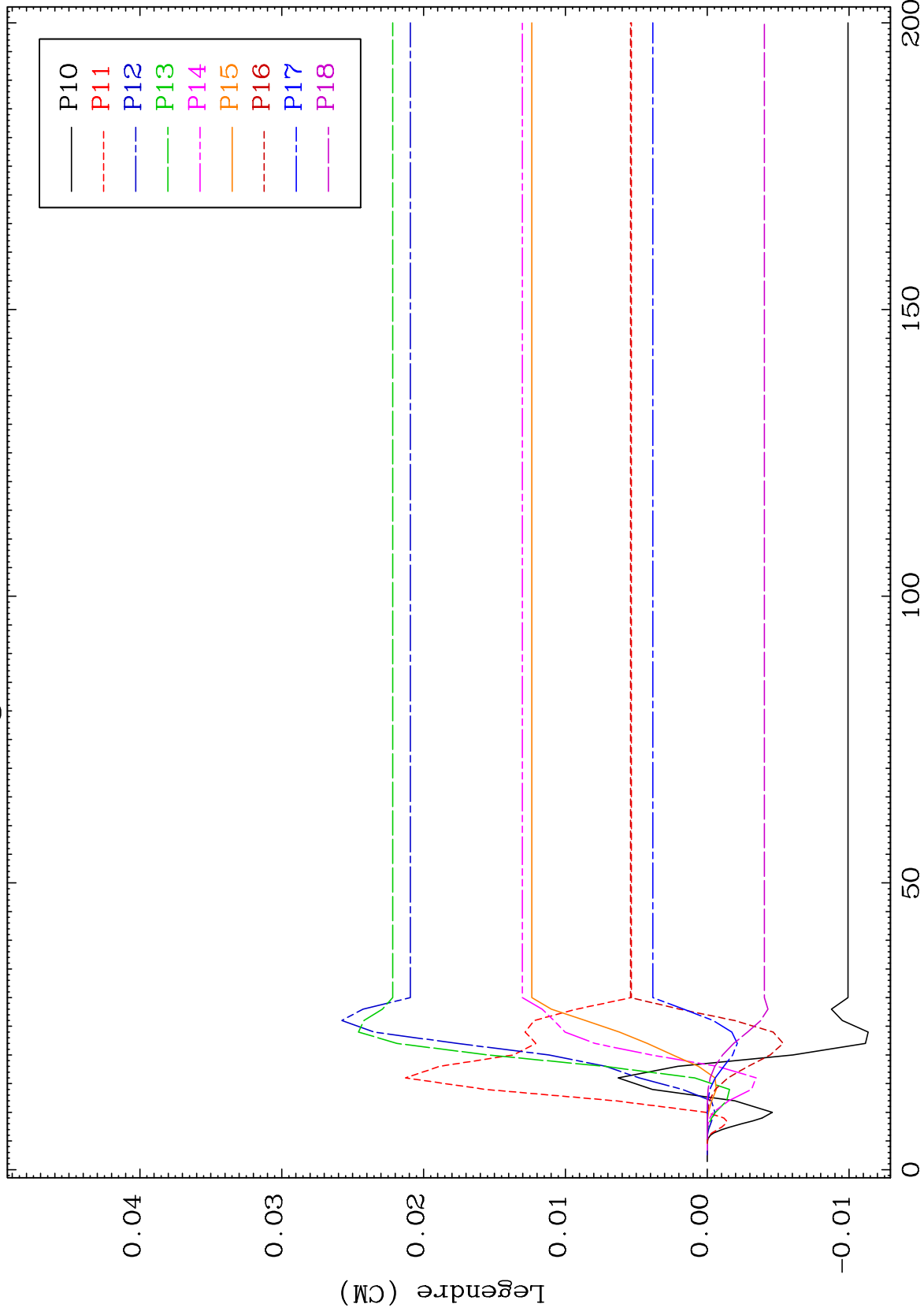
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



77

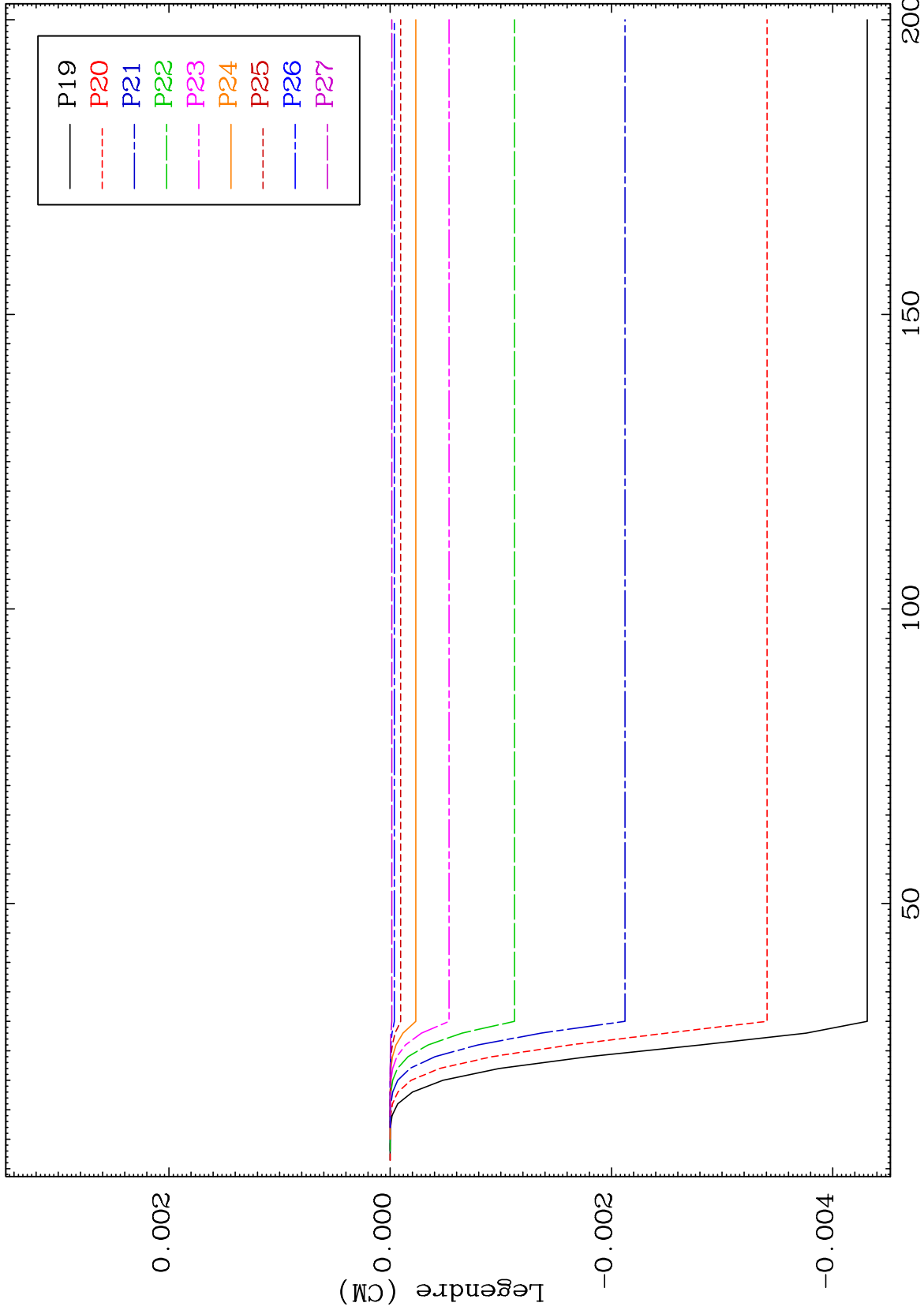
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



78

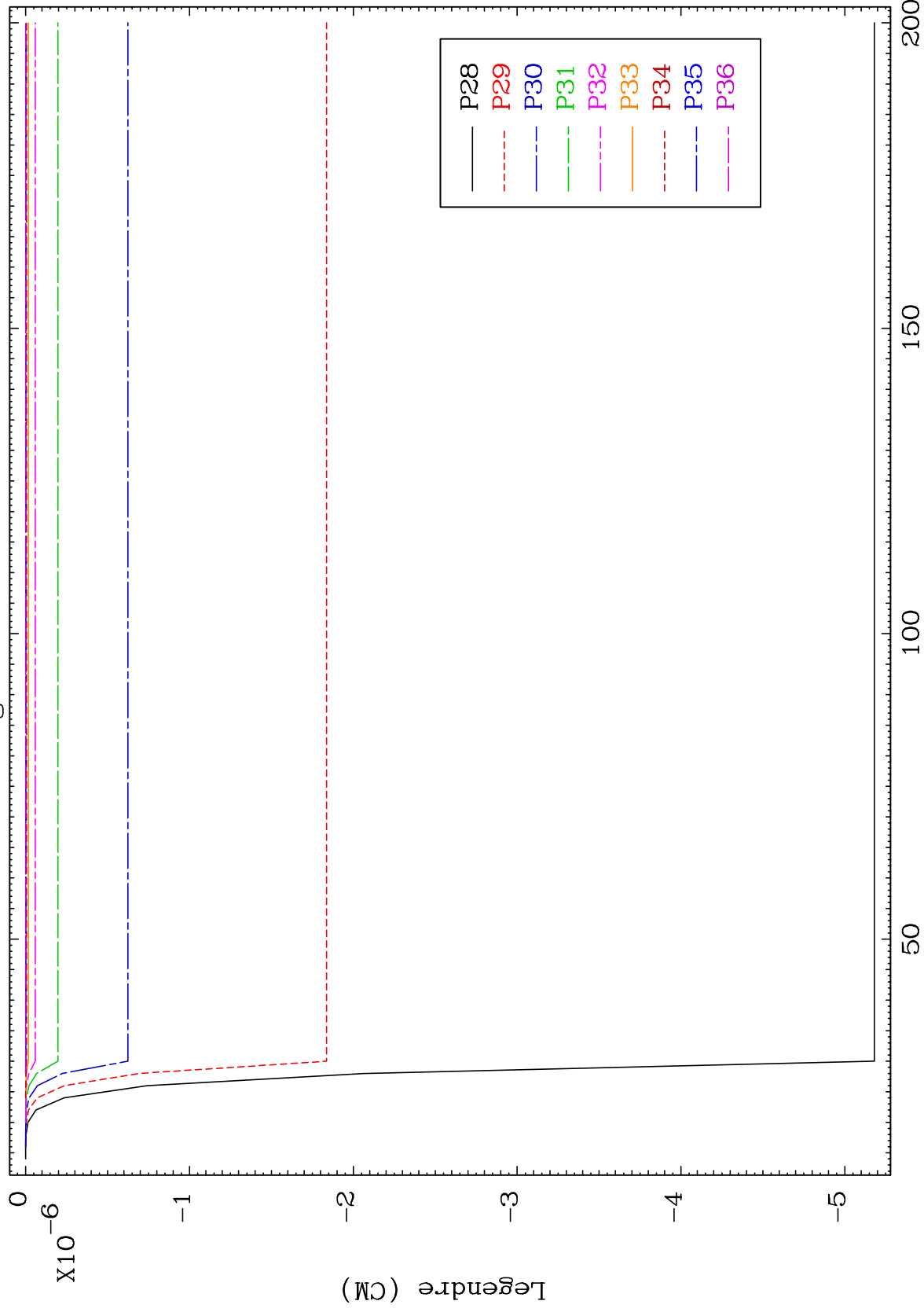
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



79

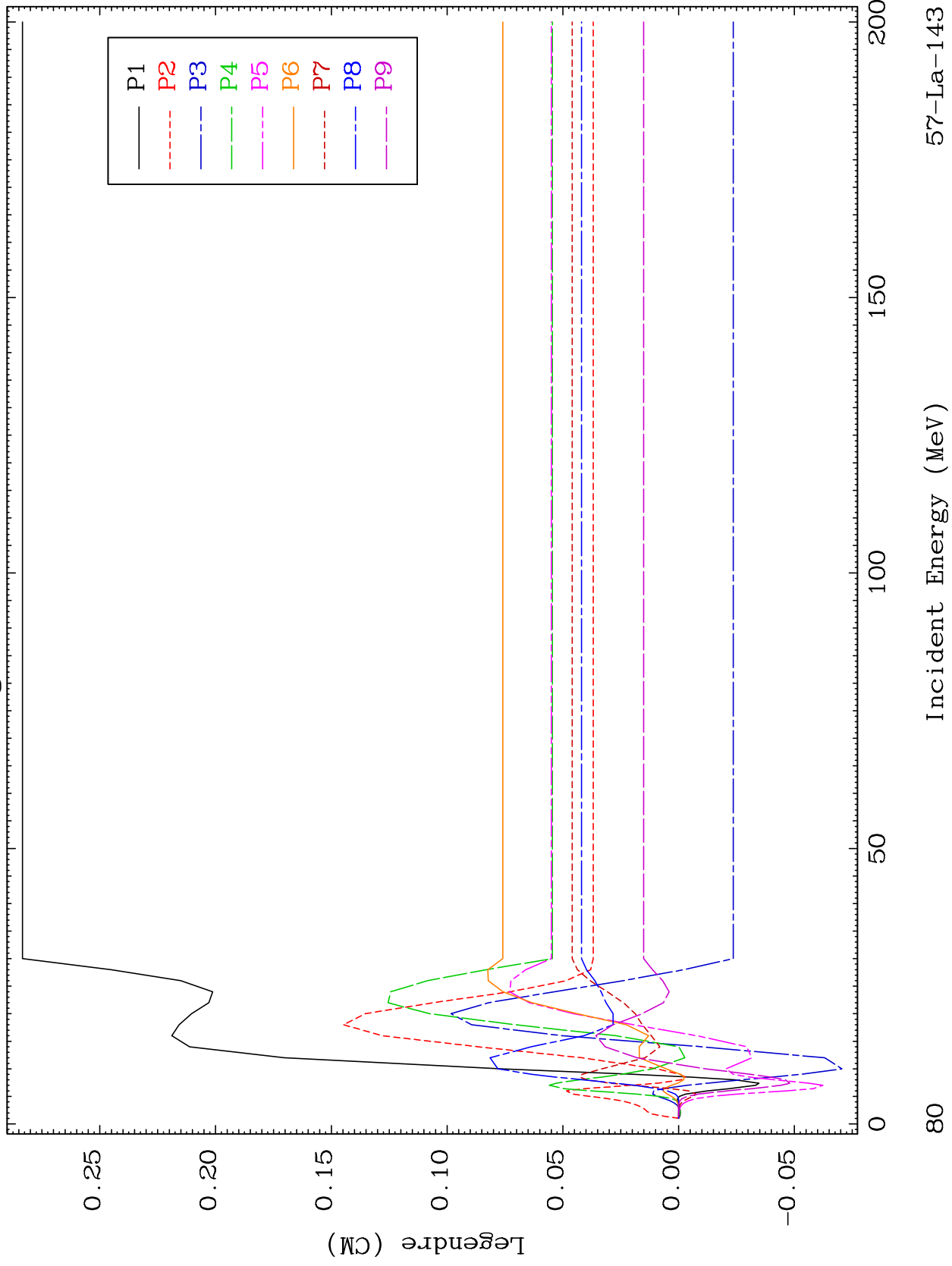
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



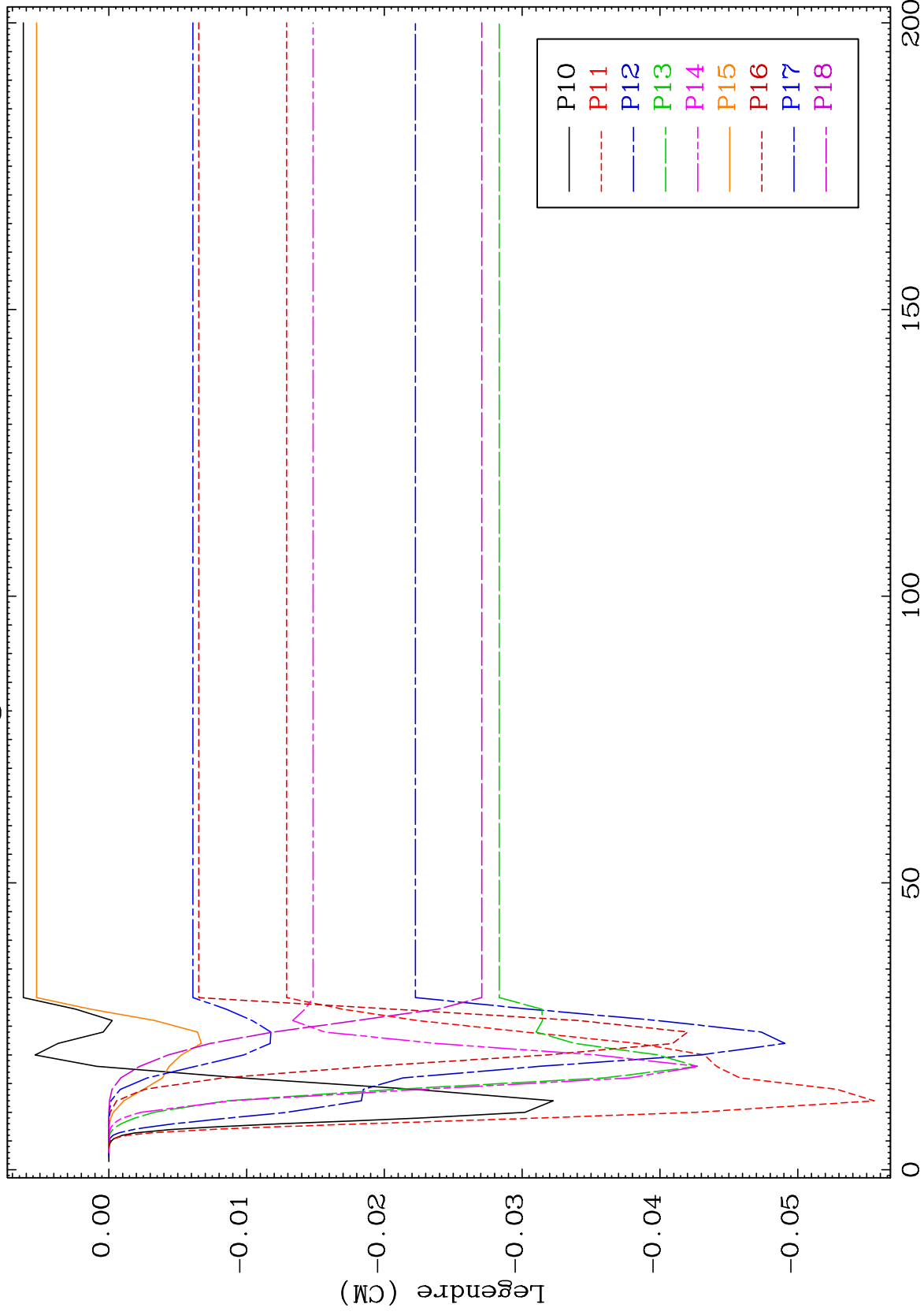
57-La-143

Incident Energy (MeV)

MAT 5740

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

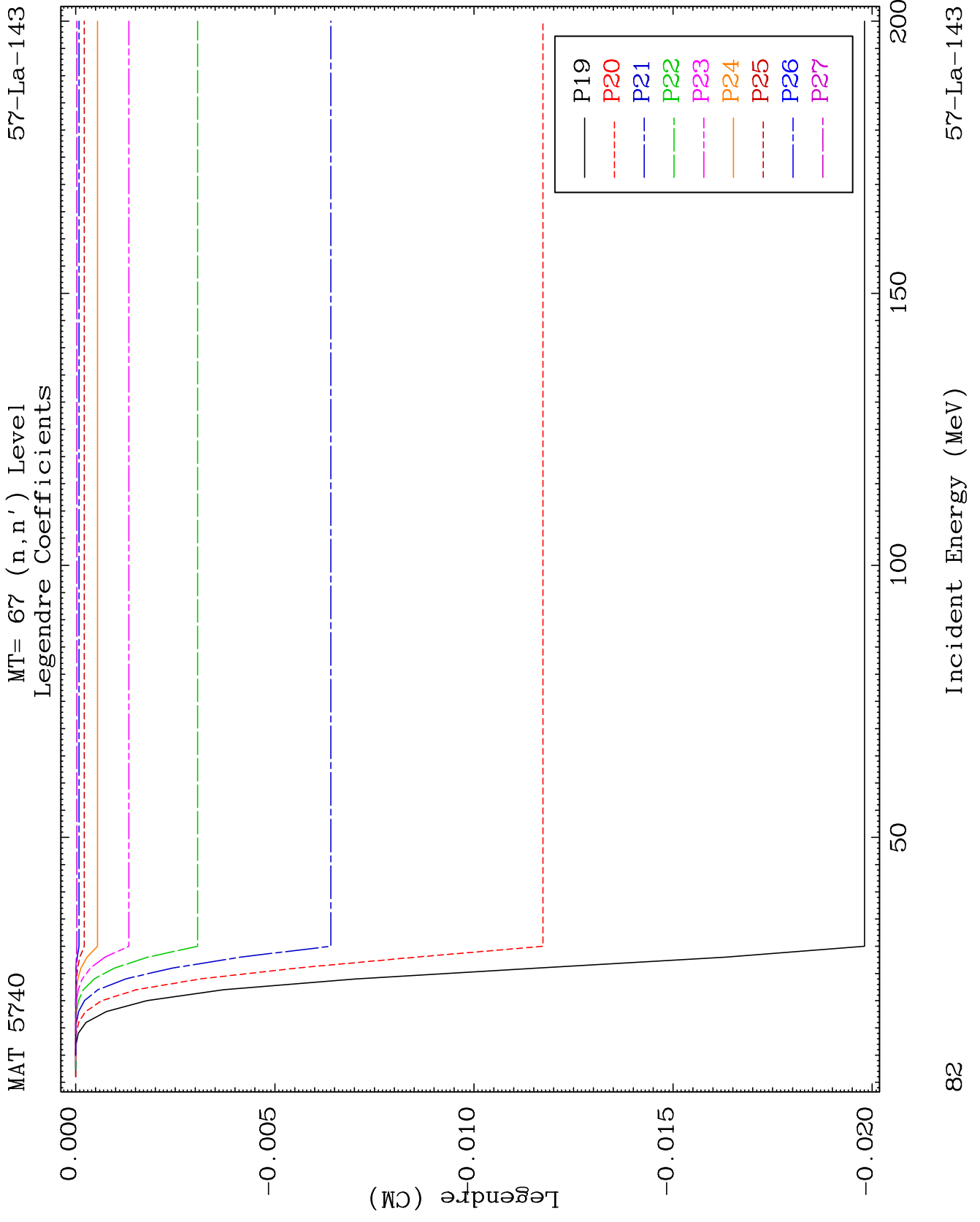
57-La-143

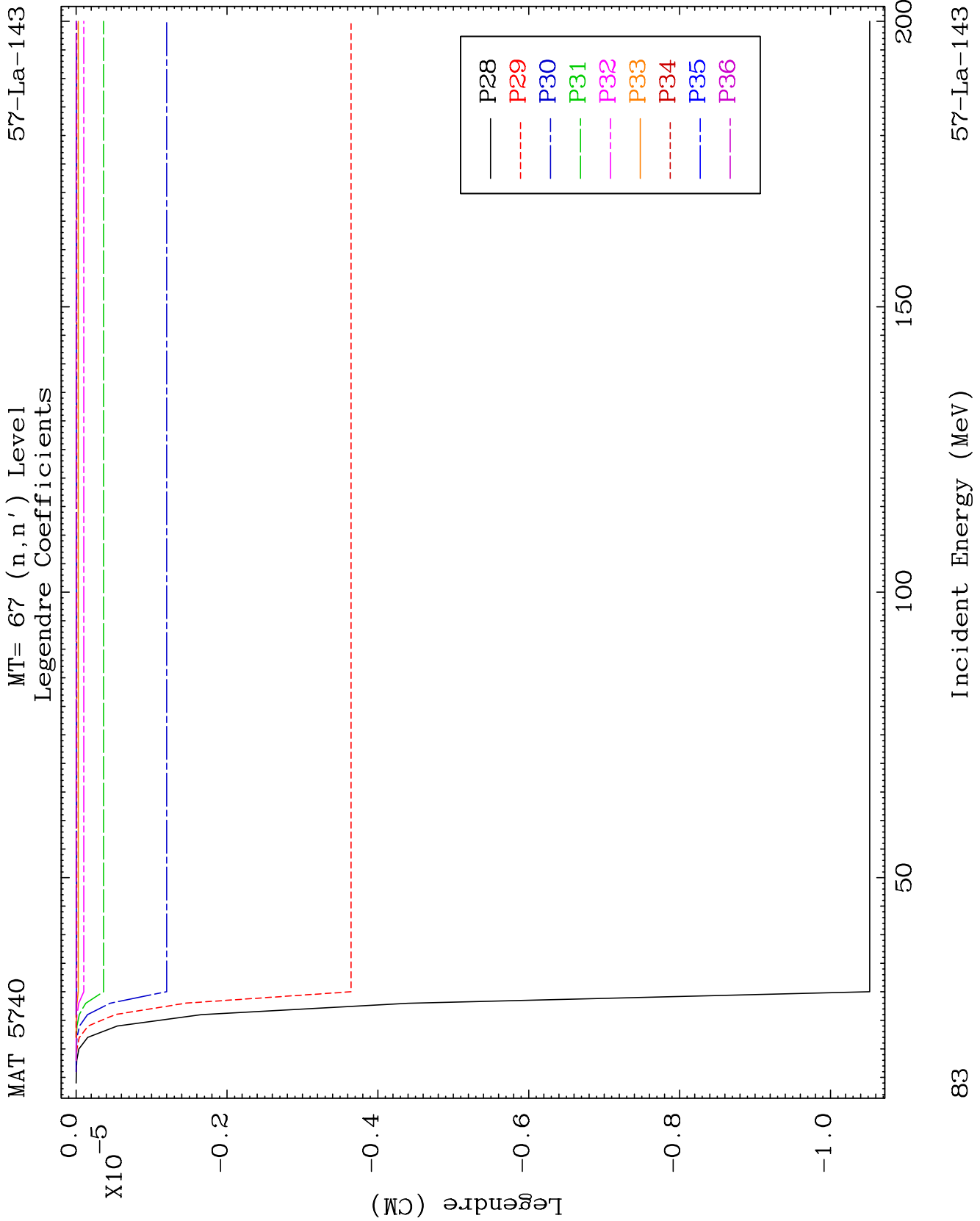


81

Incident Energy (MeV)

57-La-143

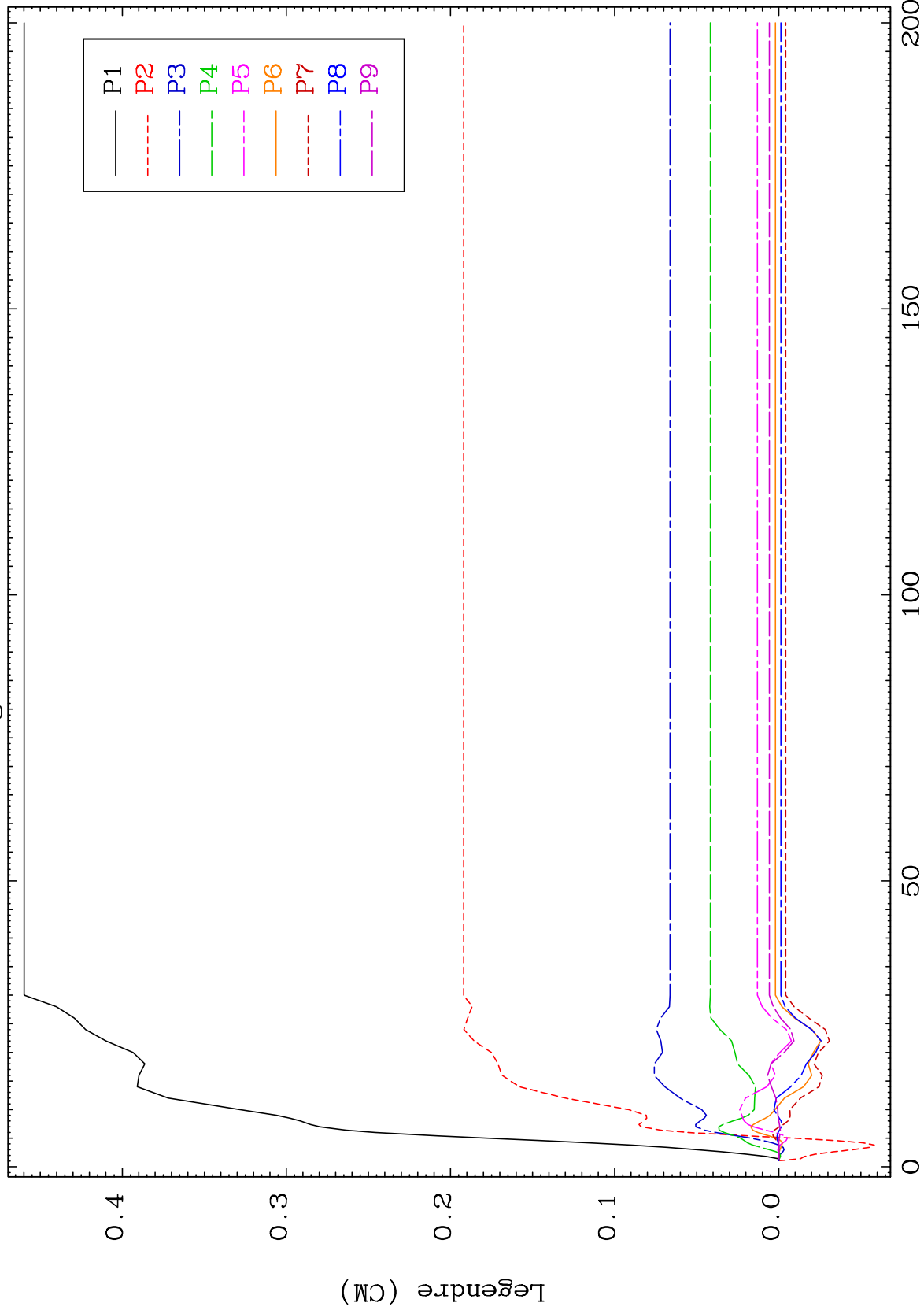




MAT 5740

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

57-La-143



57-La-143

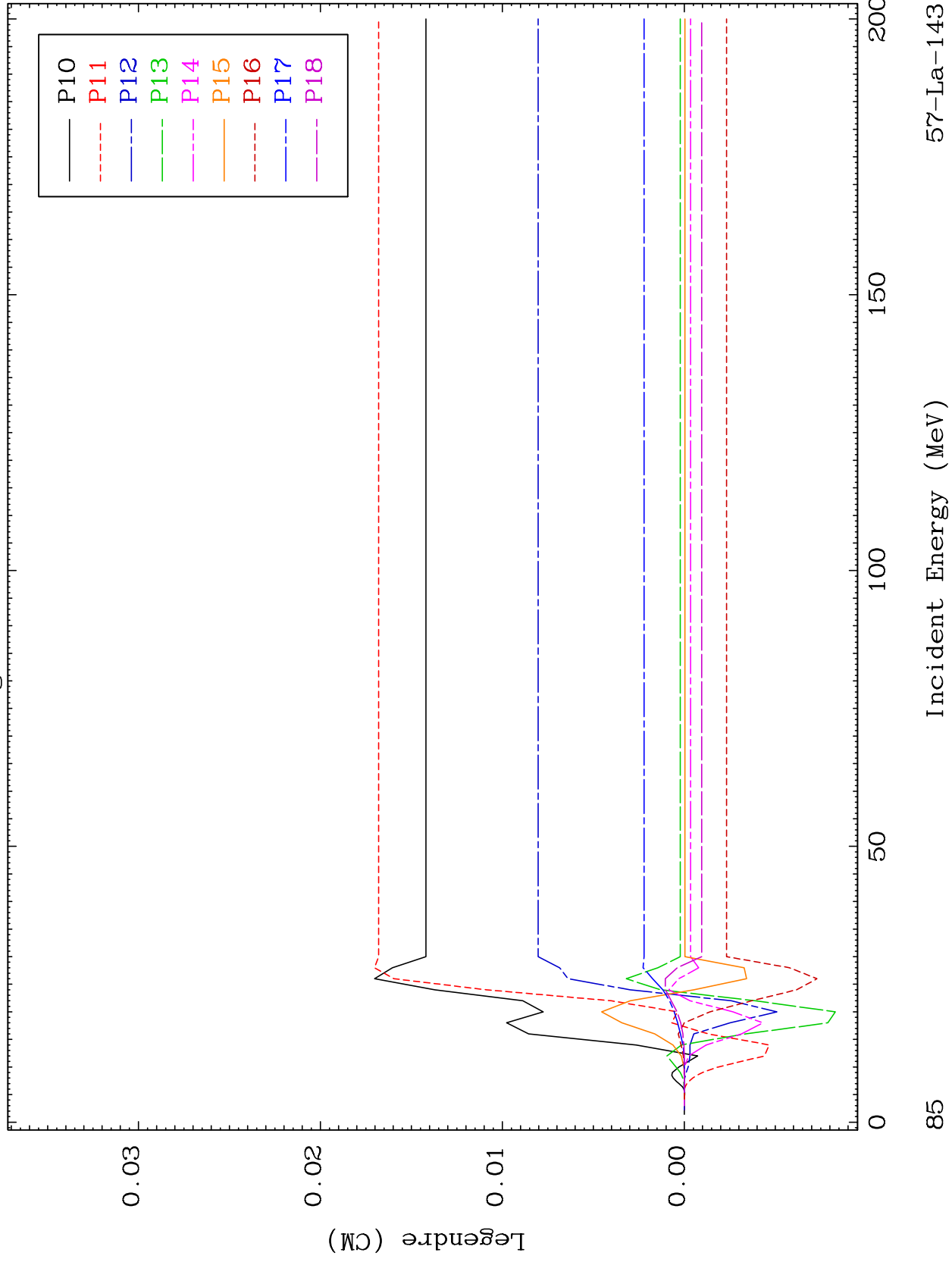
Incident Energy (MeV)

84

MAT 5740

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

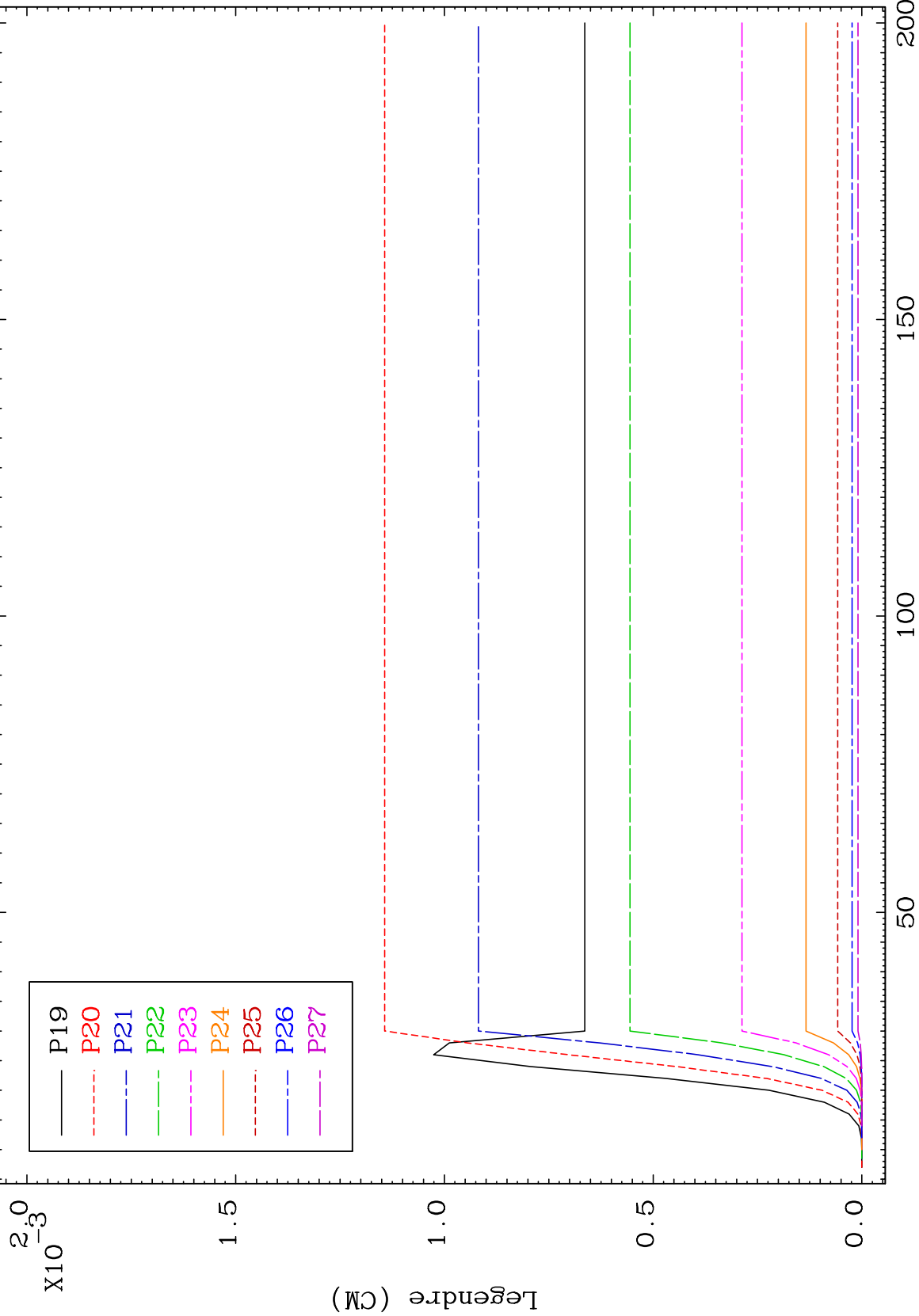
57-La-143



57-La-143

Incident Energy (MeV)

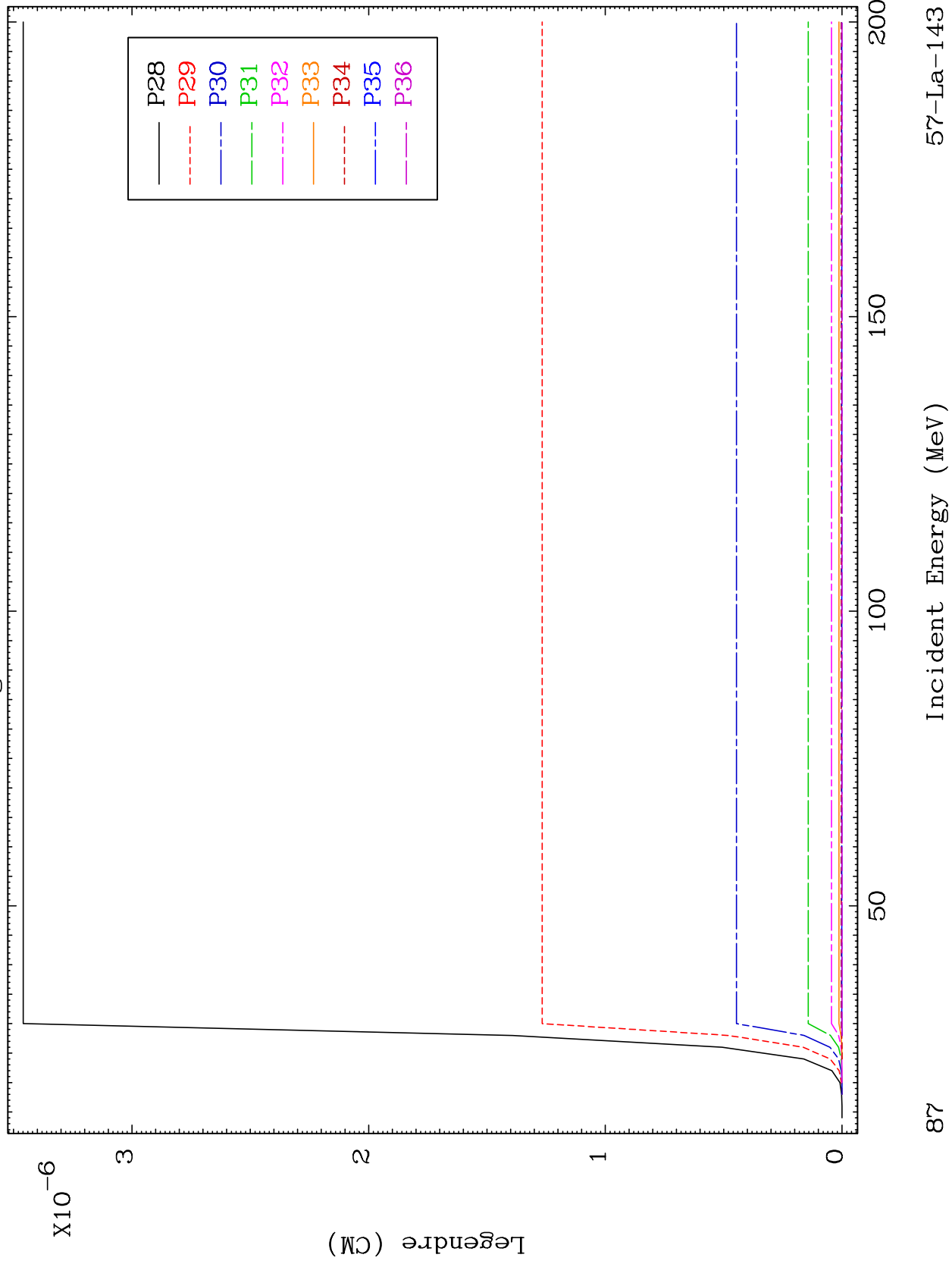
85



MAT 5740

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

57-La-143



87

Incident Energy (MeV)

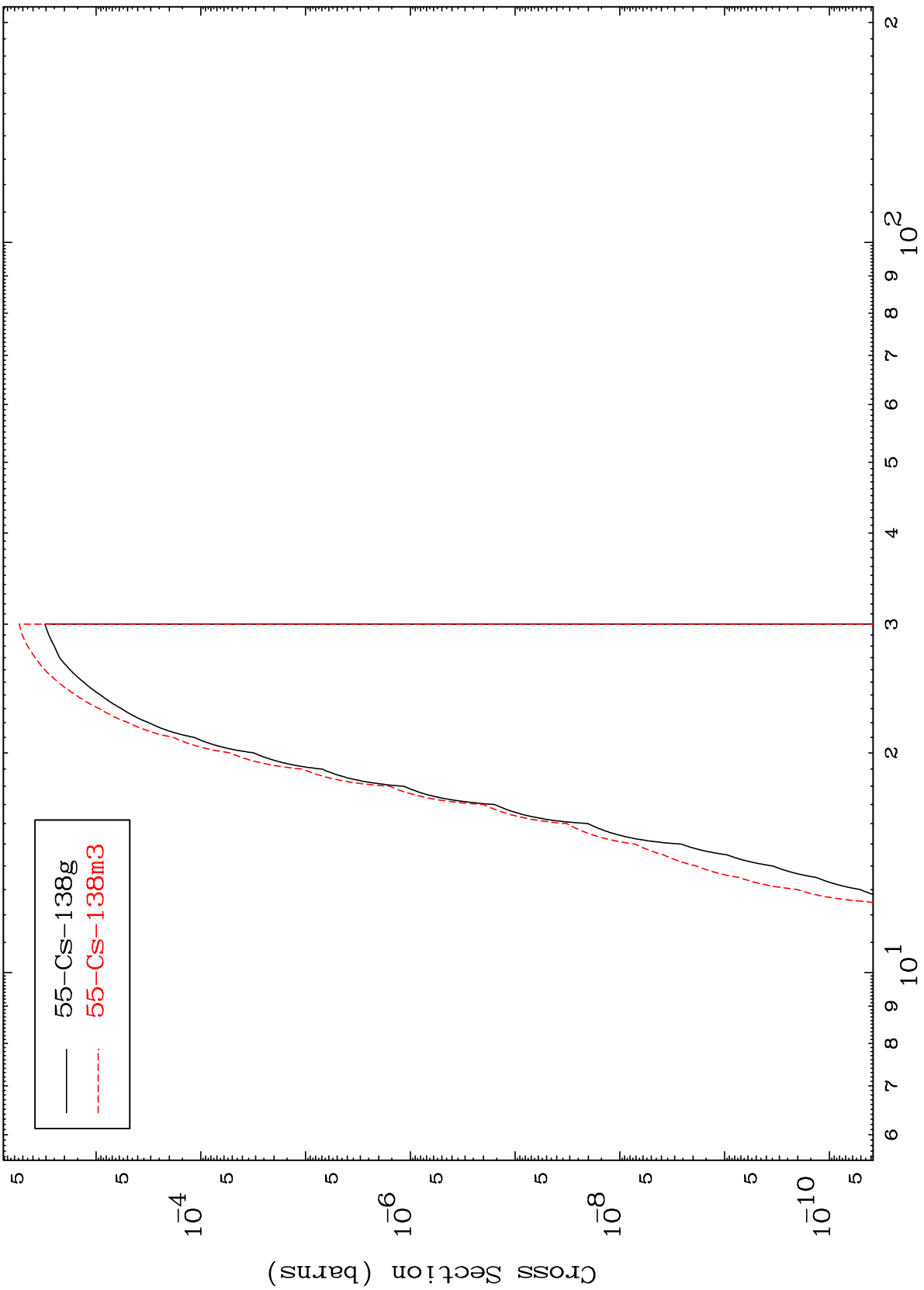
57-La-143

MAT 5740

$(n,2n) \alpha$

57-La-143

Radionuclide Production Cross Section



88

Incident Energy (MeV)

57-La-143

MAT 5740

(n,2α)

57-La-143

Radionuclide Production Cross Section

