

Program EVALPLOT  
(Version 2018-1)

by

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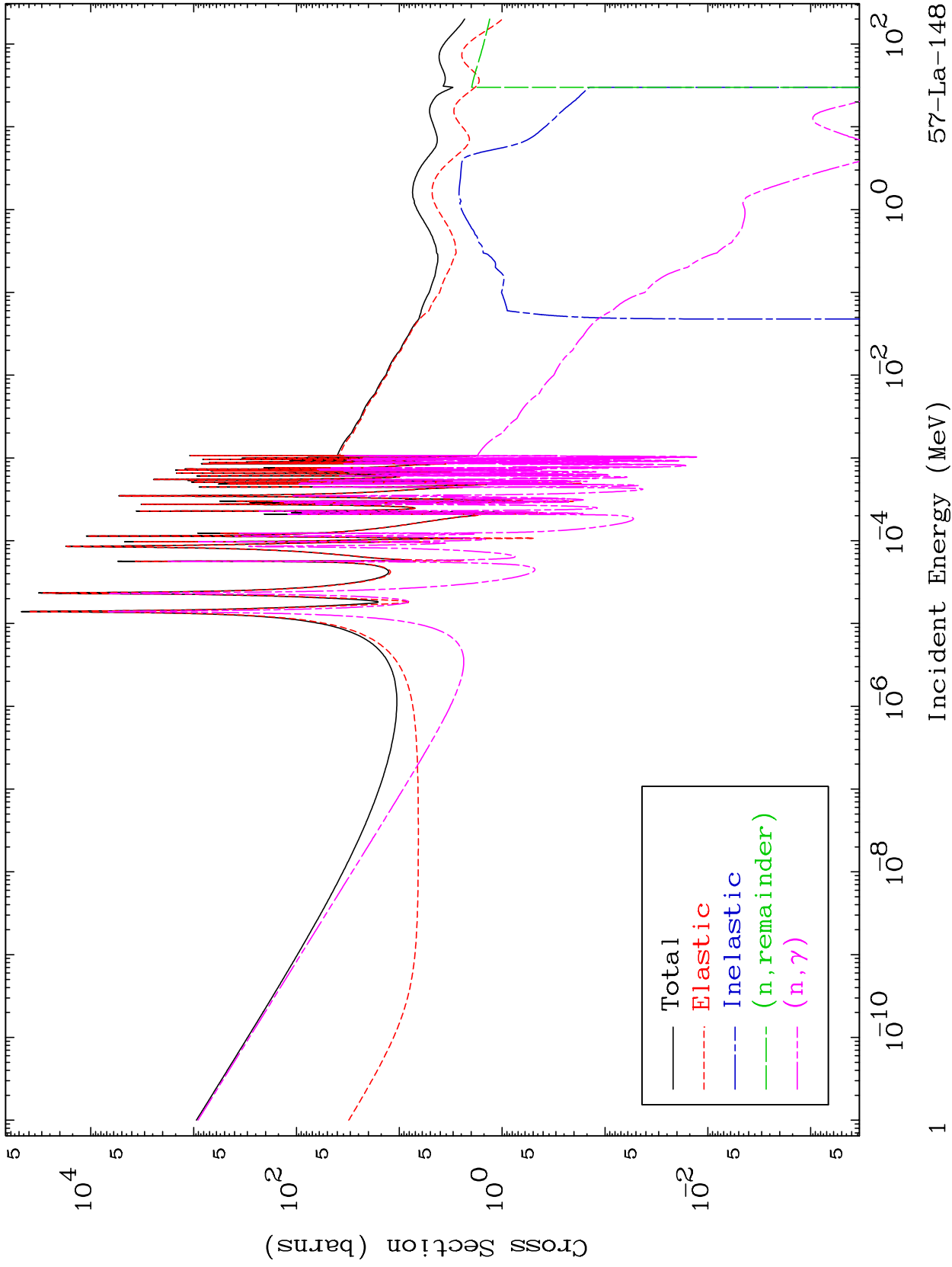
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Press Mouse Button to Start

MAT 5755

Major  
293 Kelvin Cross Sections

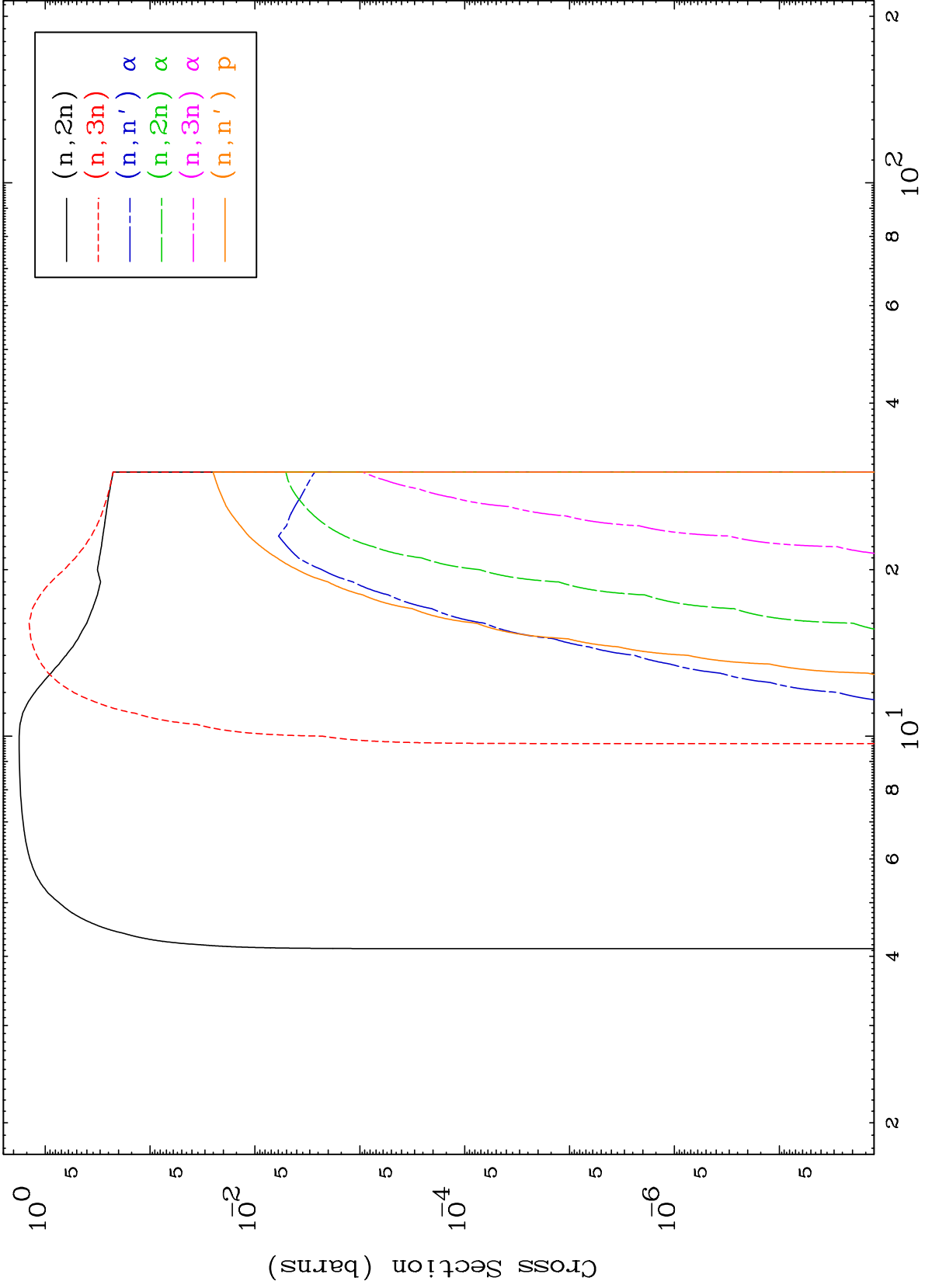
57-La-148



MAT 5755

Neutron Production  
293 Kelvin Cross Sections

57-La-148



2

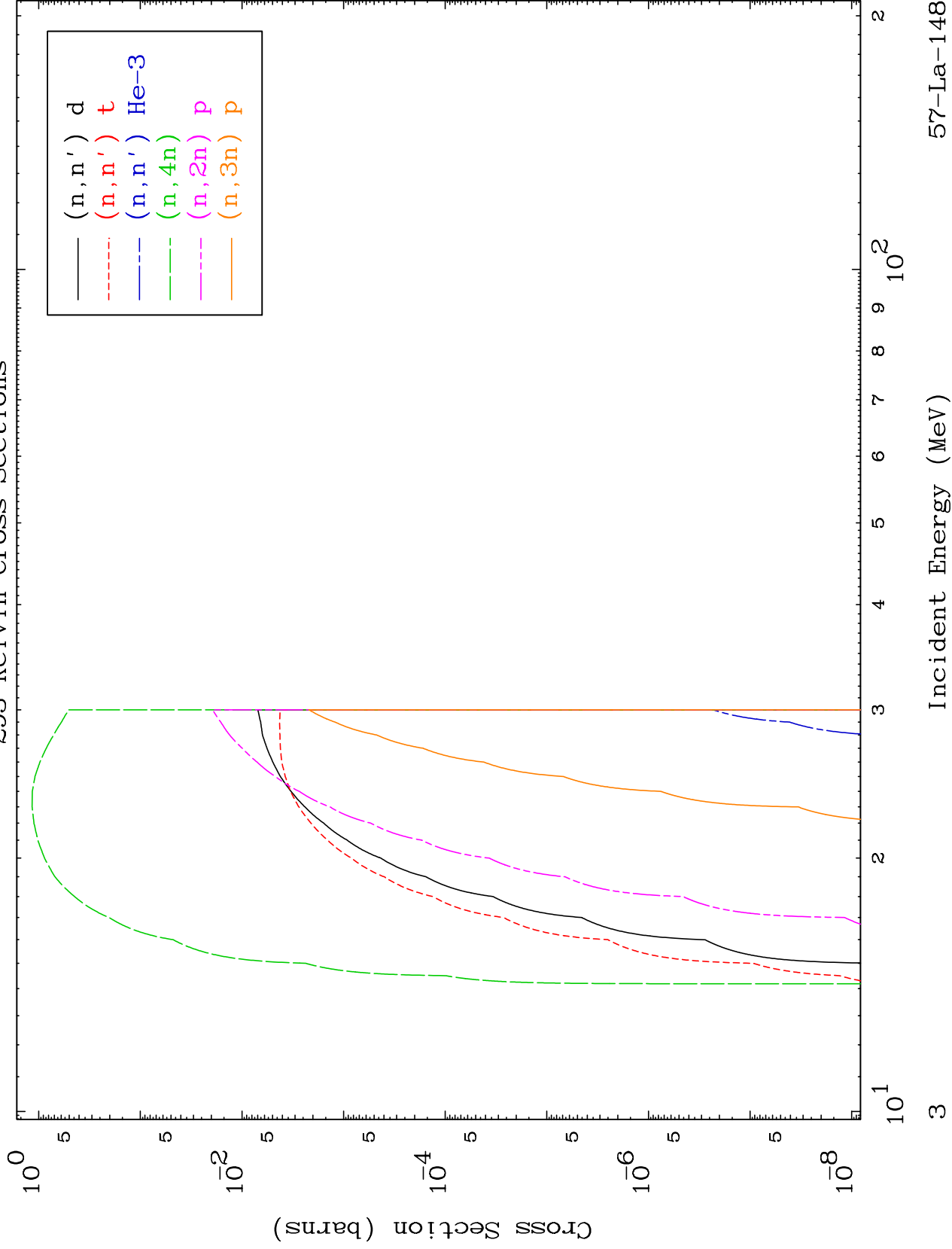
Incident Energy (MeV)

57-La-148

MAT 5755

Neutron Production  
293 Kelvin Cross Sections

57-La-148



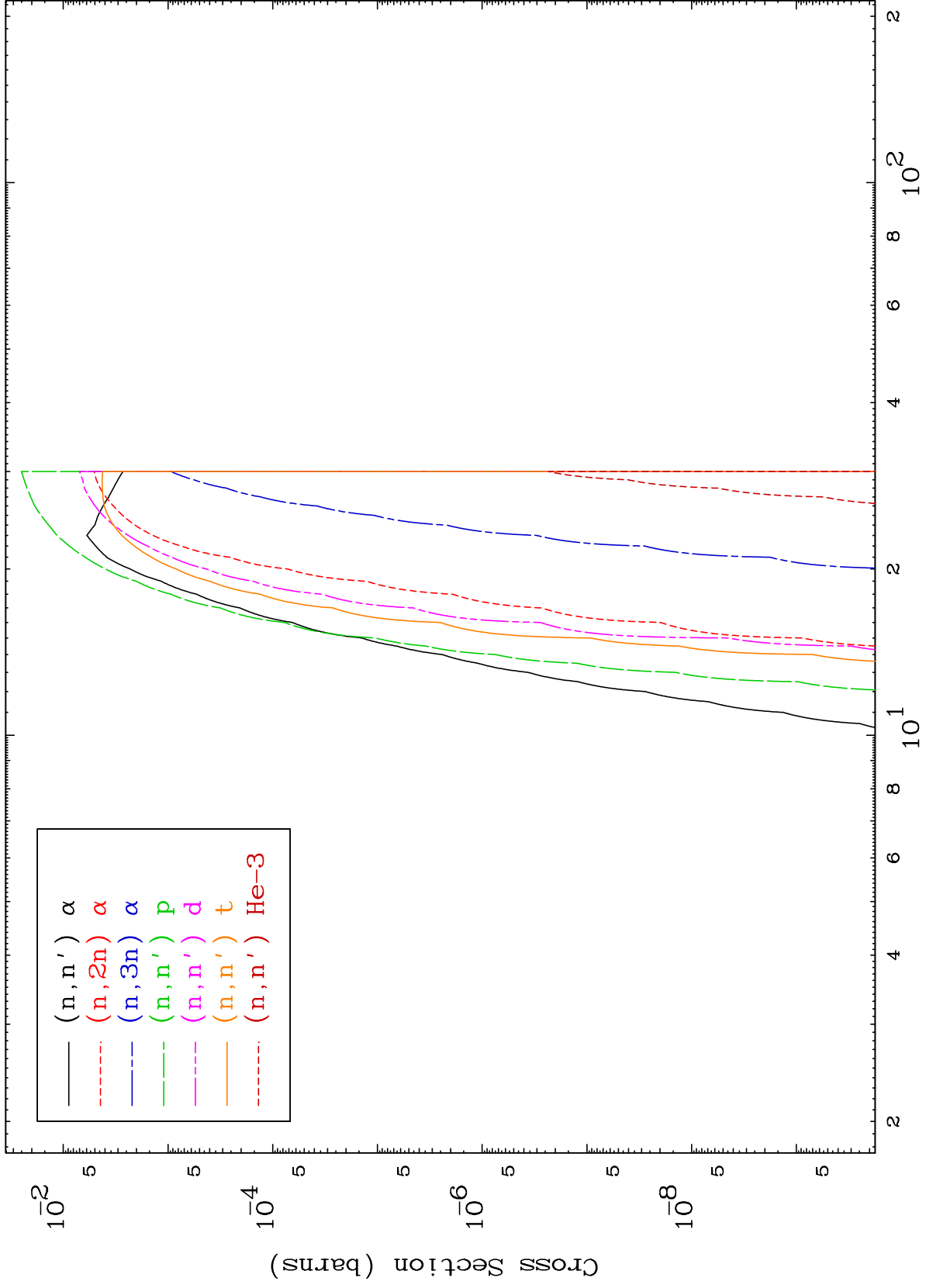
57-La-148

Incident Energy (MeV)

MAT 5755

Charged Particle  
293 Kelvin Cross Sections

57-La-148



4

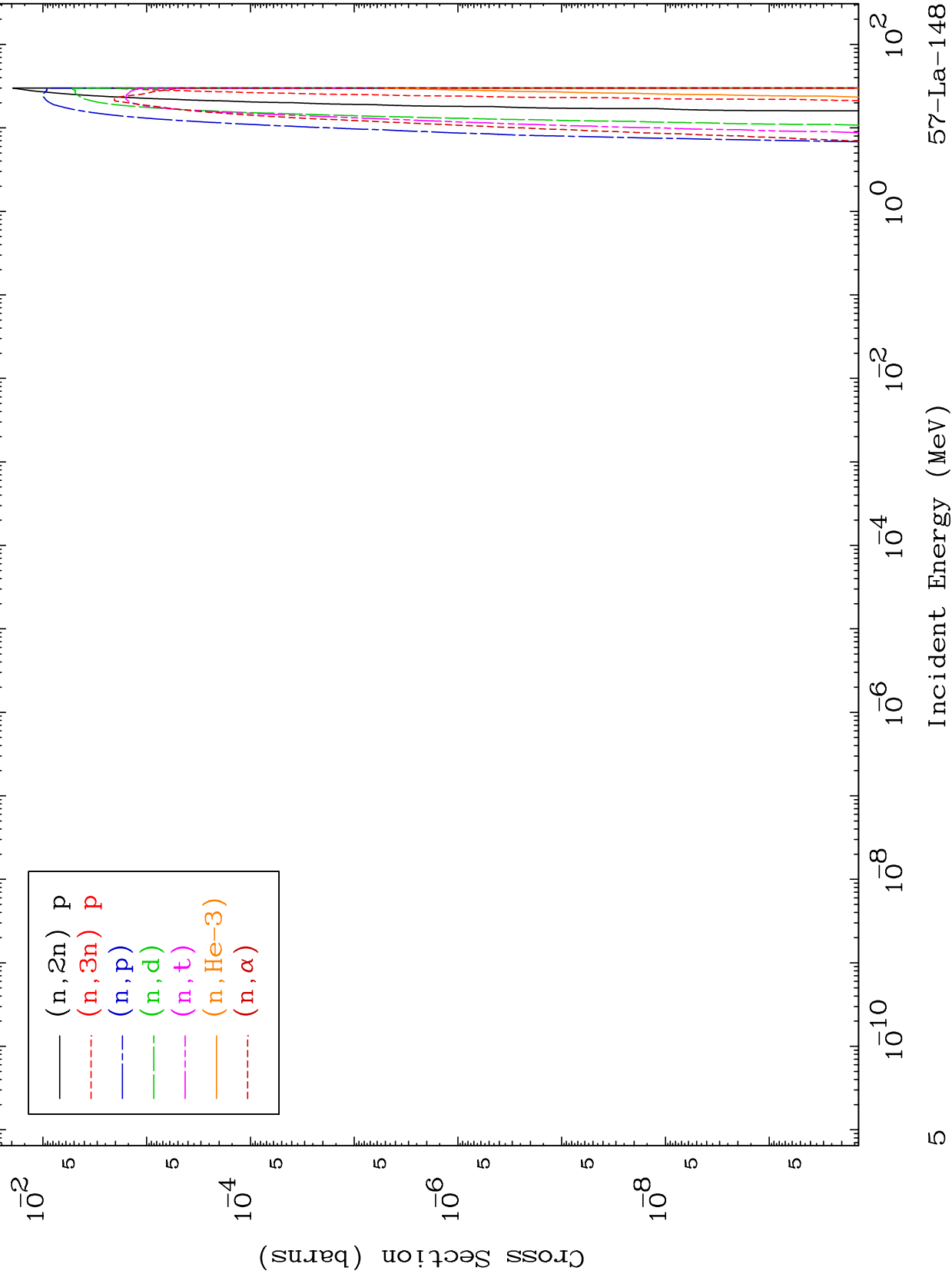
Incident Energy (MeV)

57-La-148

MAT 5755

Charged Particle  
293 Kelvin Cross Sections

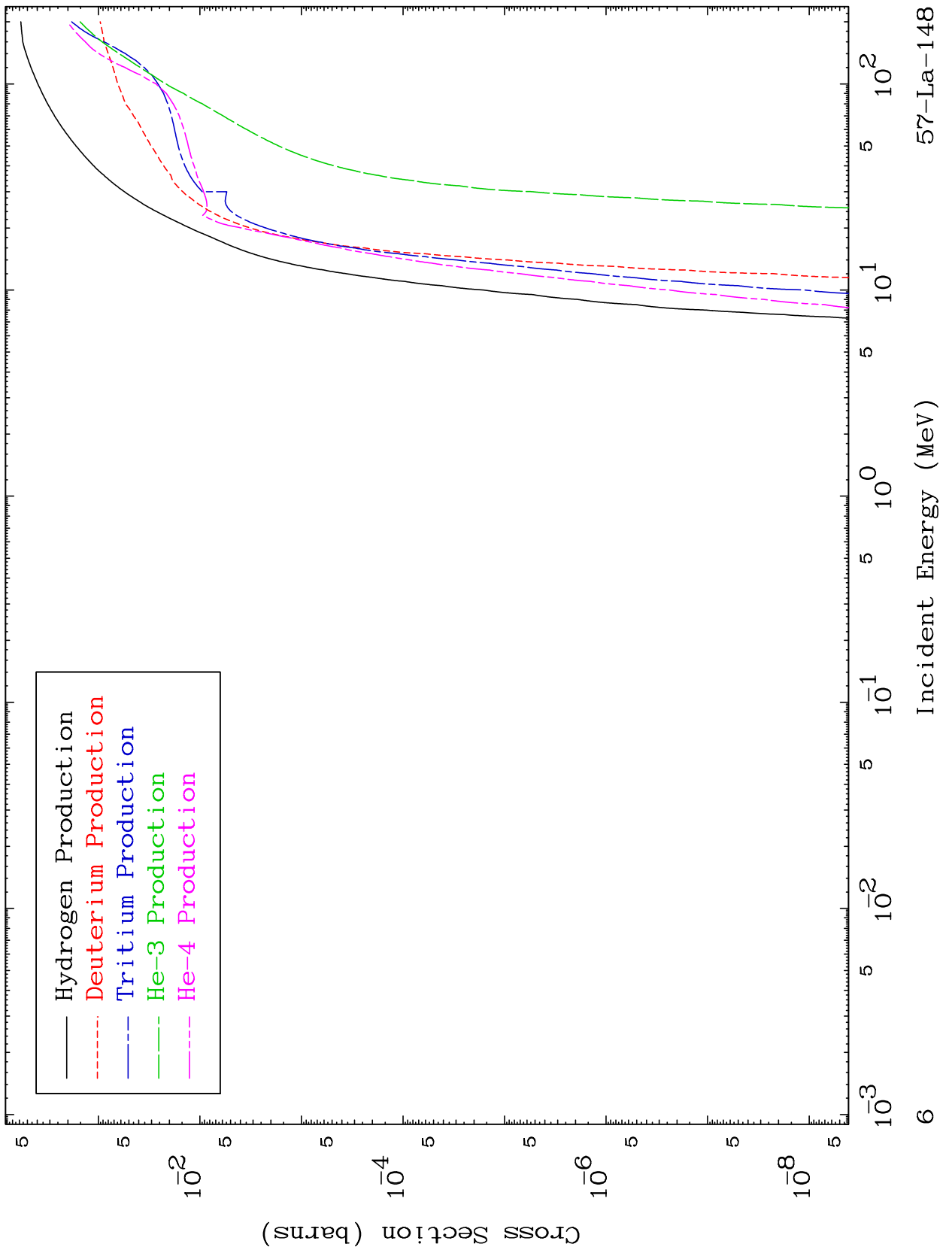
57-La-148



MAT 5755

Particle Production  
293 Kelvin Cross Sections

57-La-148



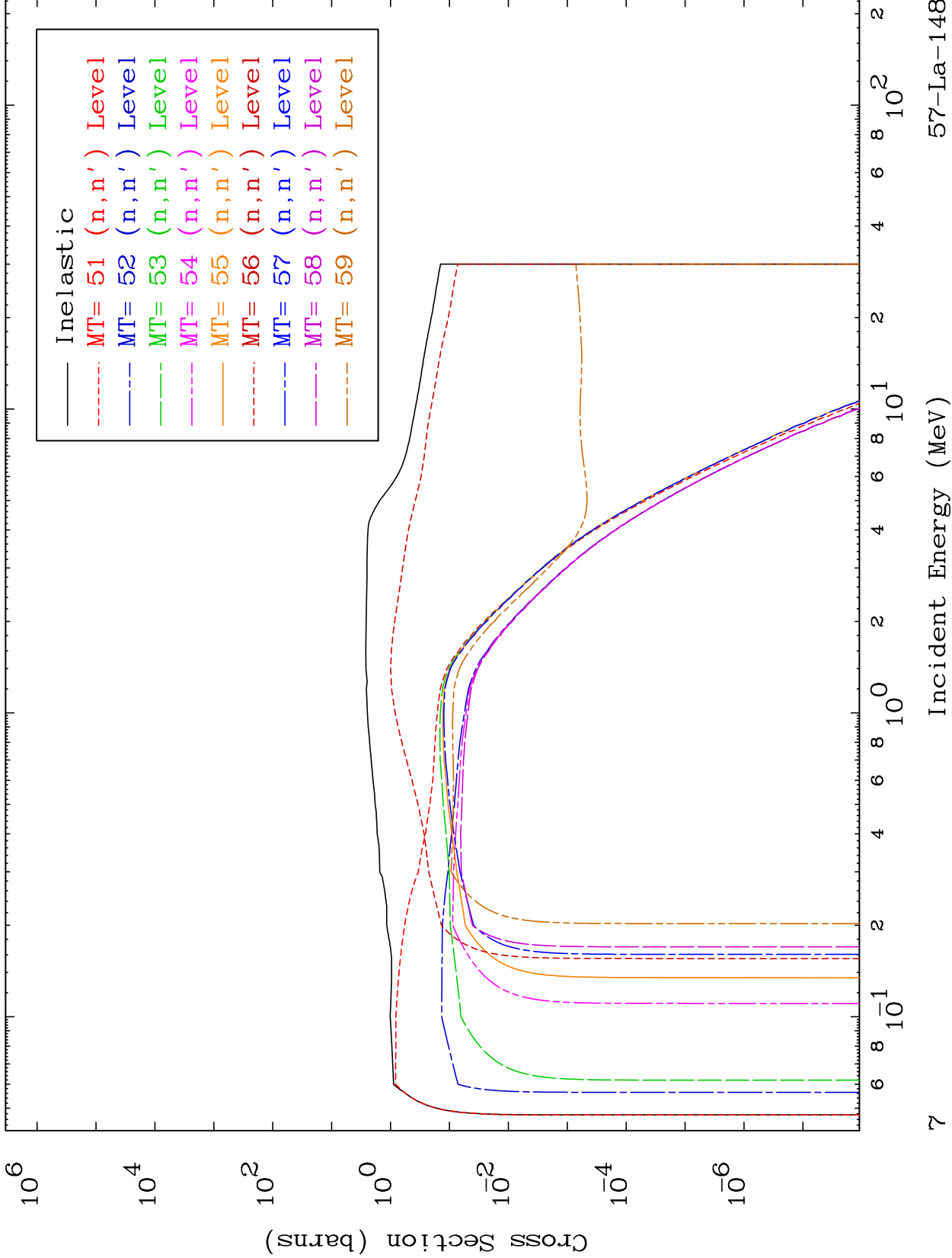
57-La-148

MAT 5755

(n,n') Level

57-La-148

293 Kelvin Cross Sections



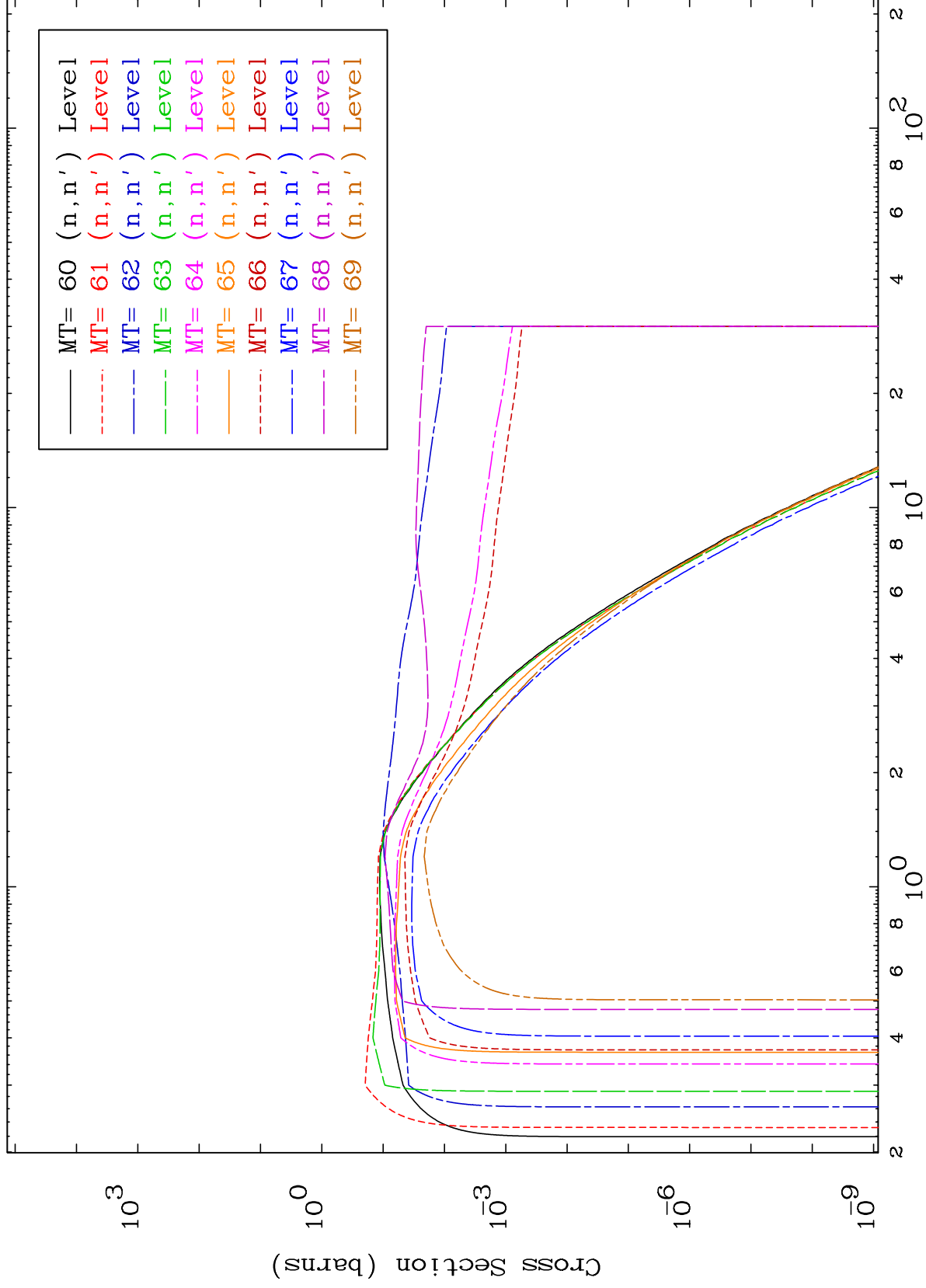


MAT 5755

(n,n') Level

57-La-148

293 Kelvin Cross Sections



8

Incident Energy (MeV)

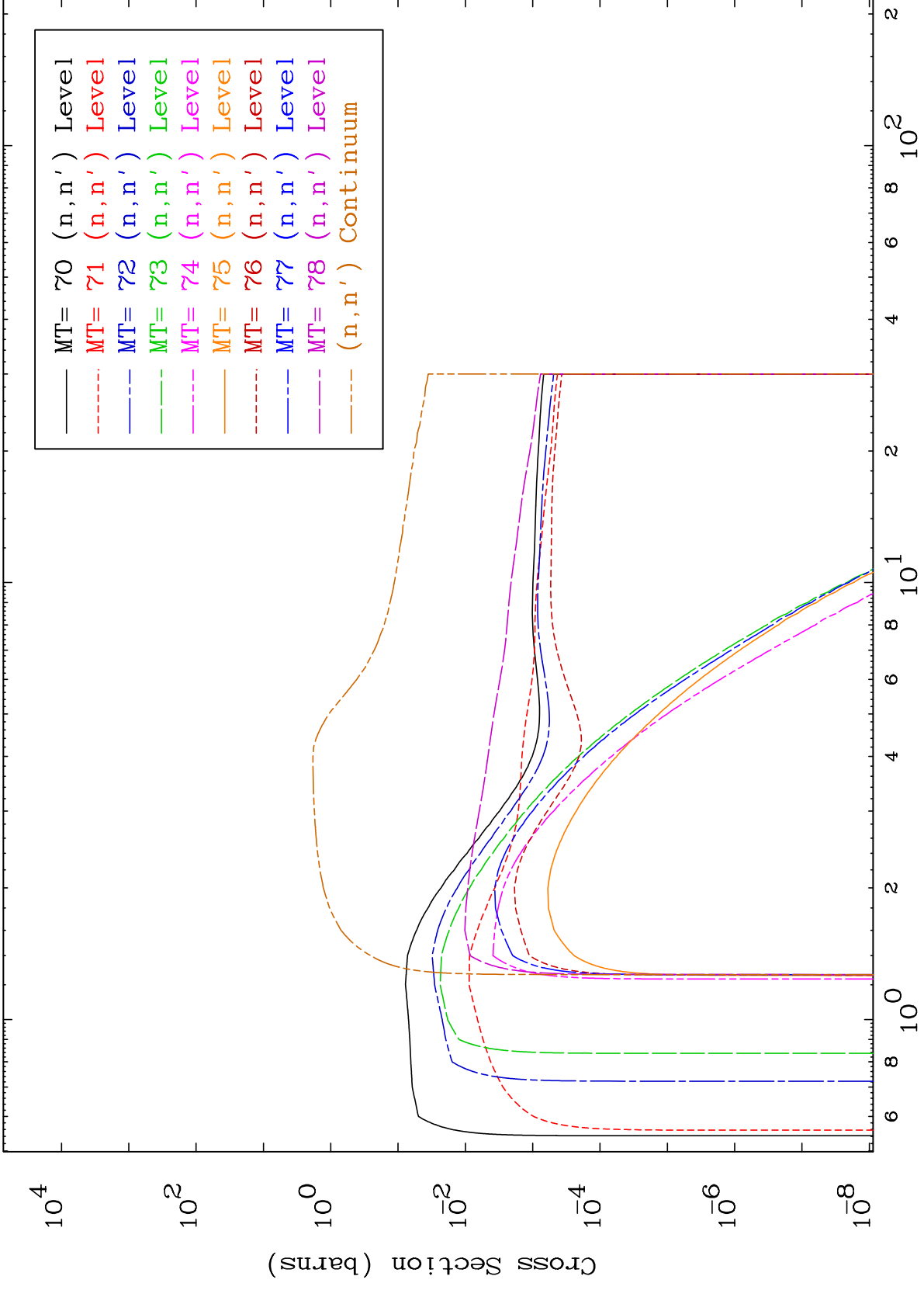
57-La-148

MAT 5755

(n,n') Level

57-La-148

293 Kelvin Cross Sections



9

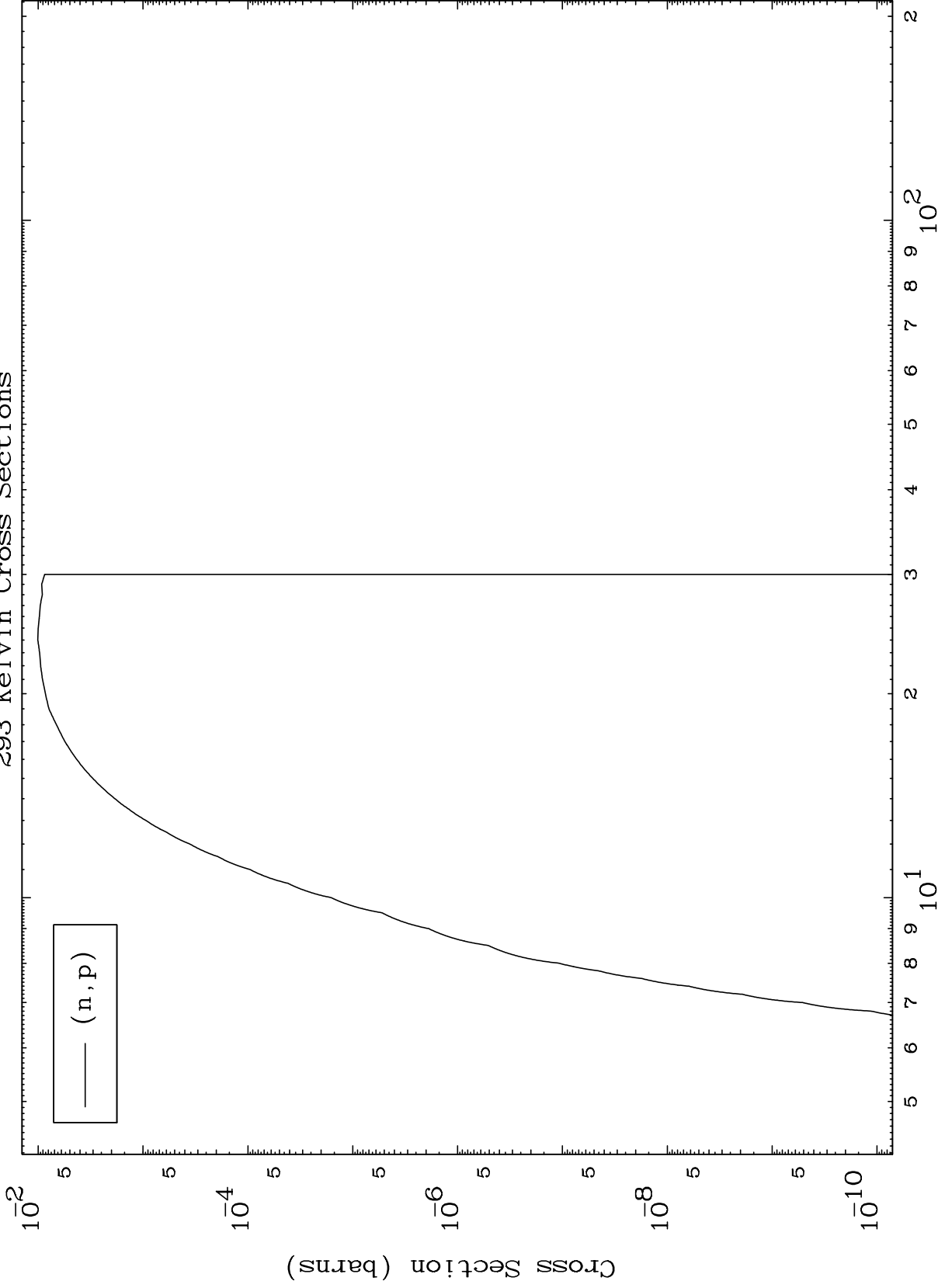
Incident Energy (MeV)

57-La-148

MAT 5755

(n,p) Levels  
293 Kelvin Cross Sections

57-La-148



10

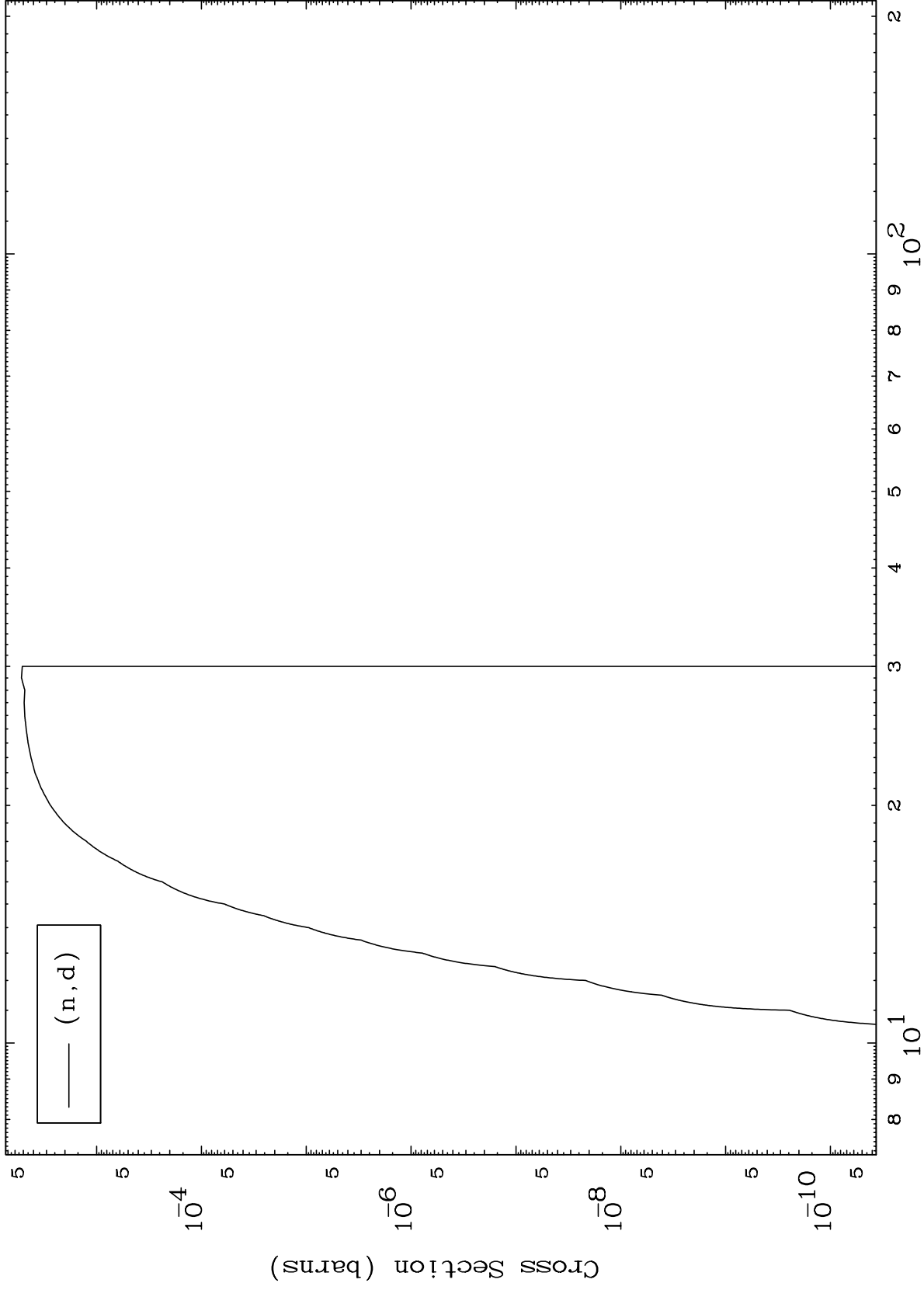
Incident Energy (MeV)

57-La-148

MAT 5755

(n,d) Levels  
293 Kelvin Cross Sections

57-La-148



11

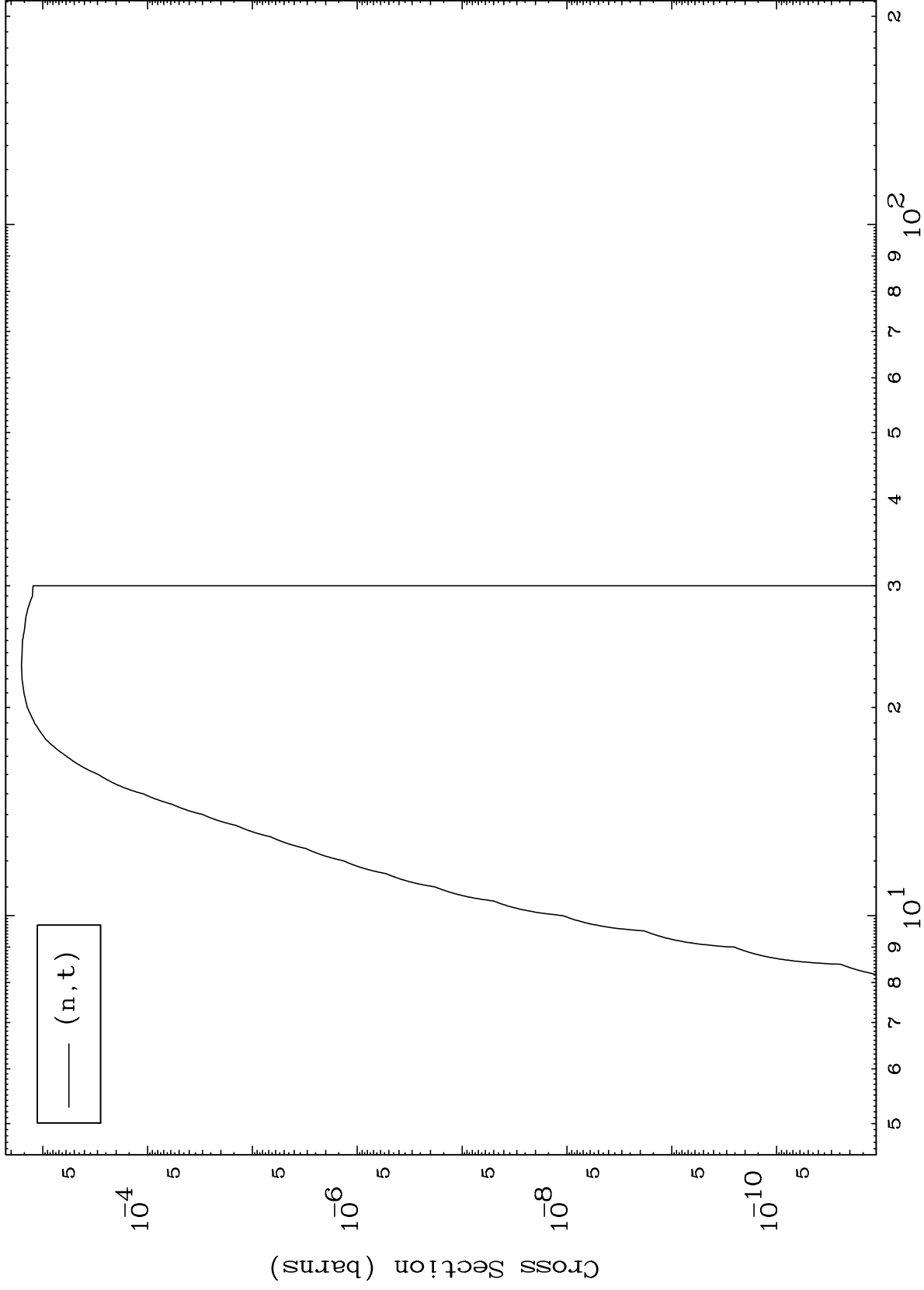
Incident Energy (MeV)

57-La-148

MAT 5755

(n,t) Levels  
293 Kelvin Cross Sections

57-La-148



12

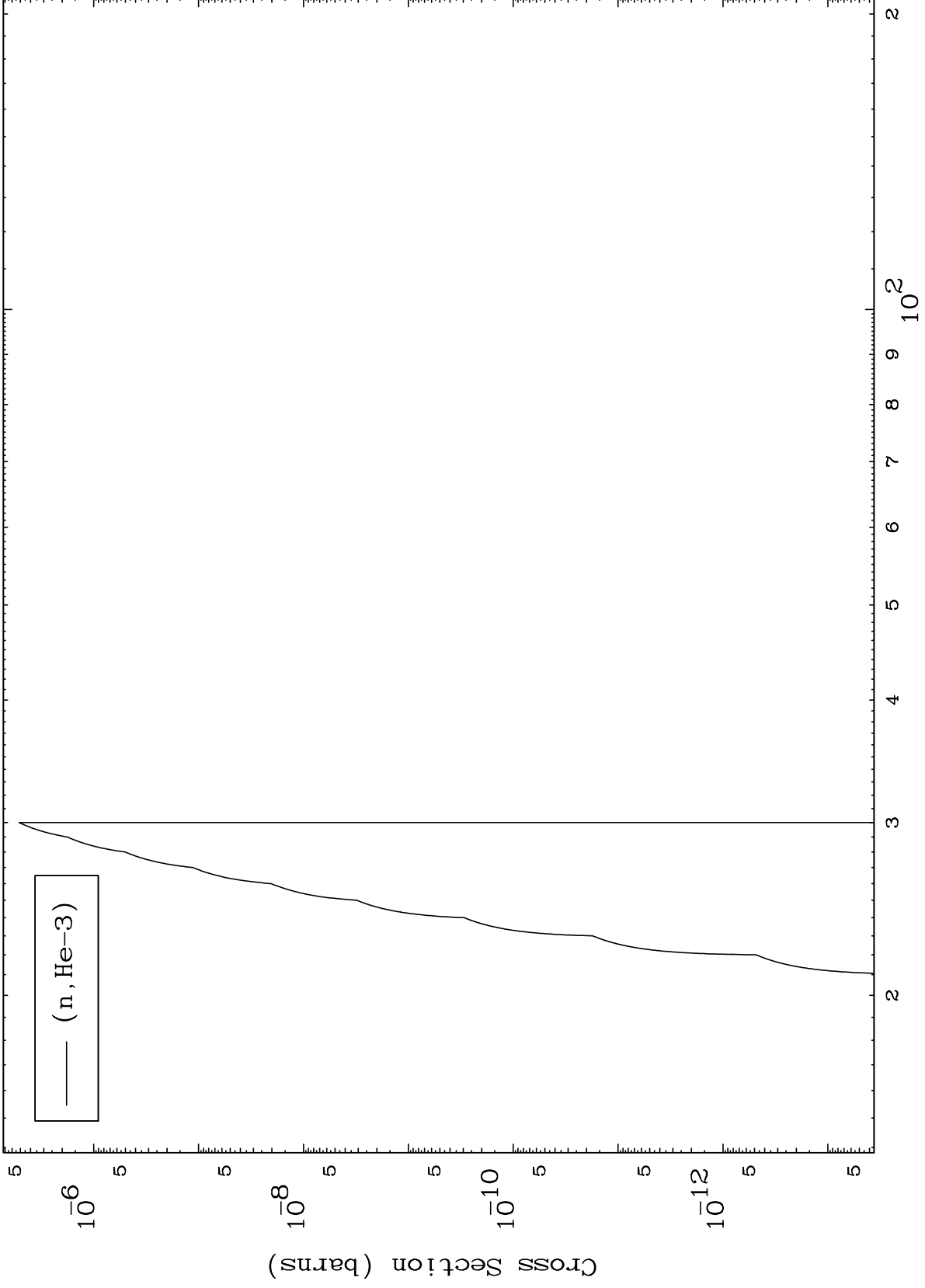
Incident Energy (MeV)

57-La-148

MAT 5755

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-148



13

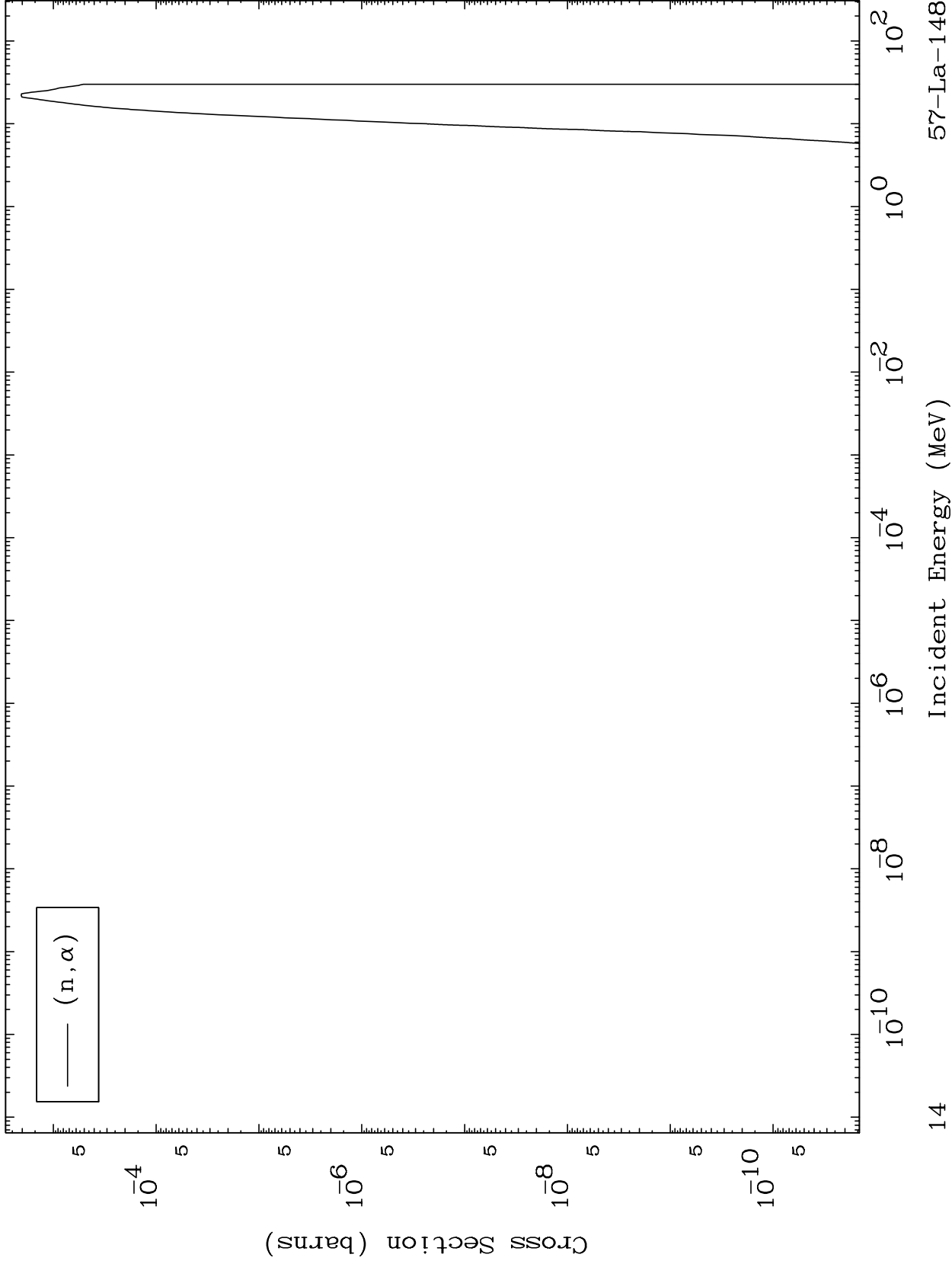
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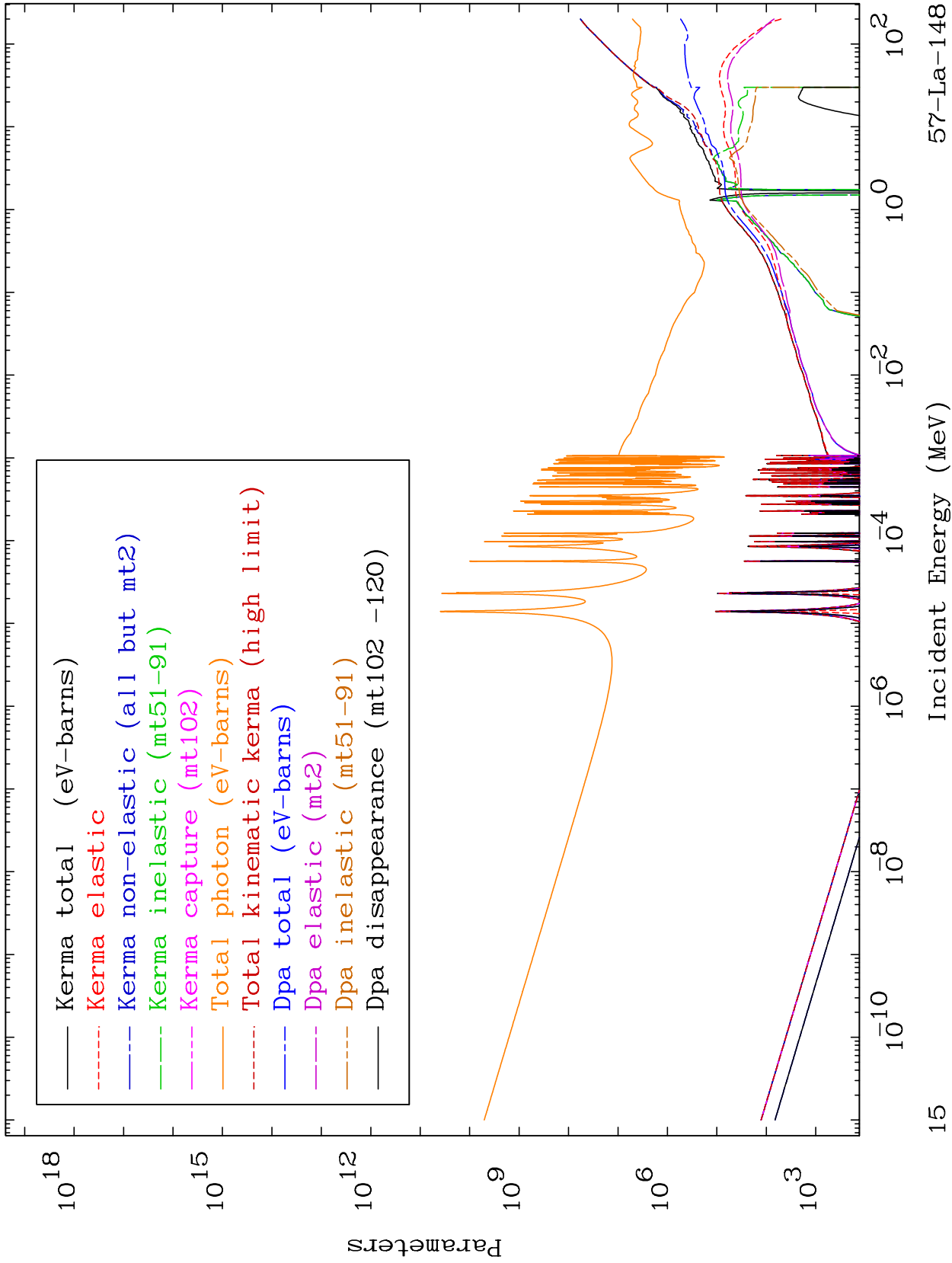
57-La-148

MAT 5755

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

57-La-148



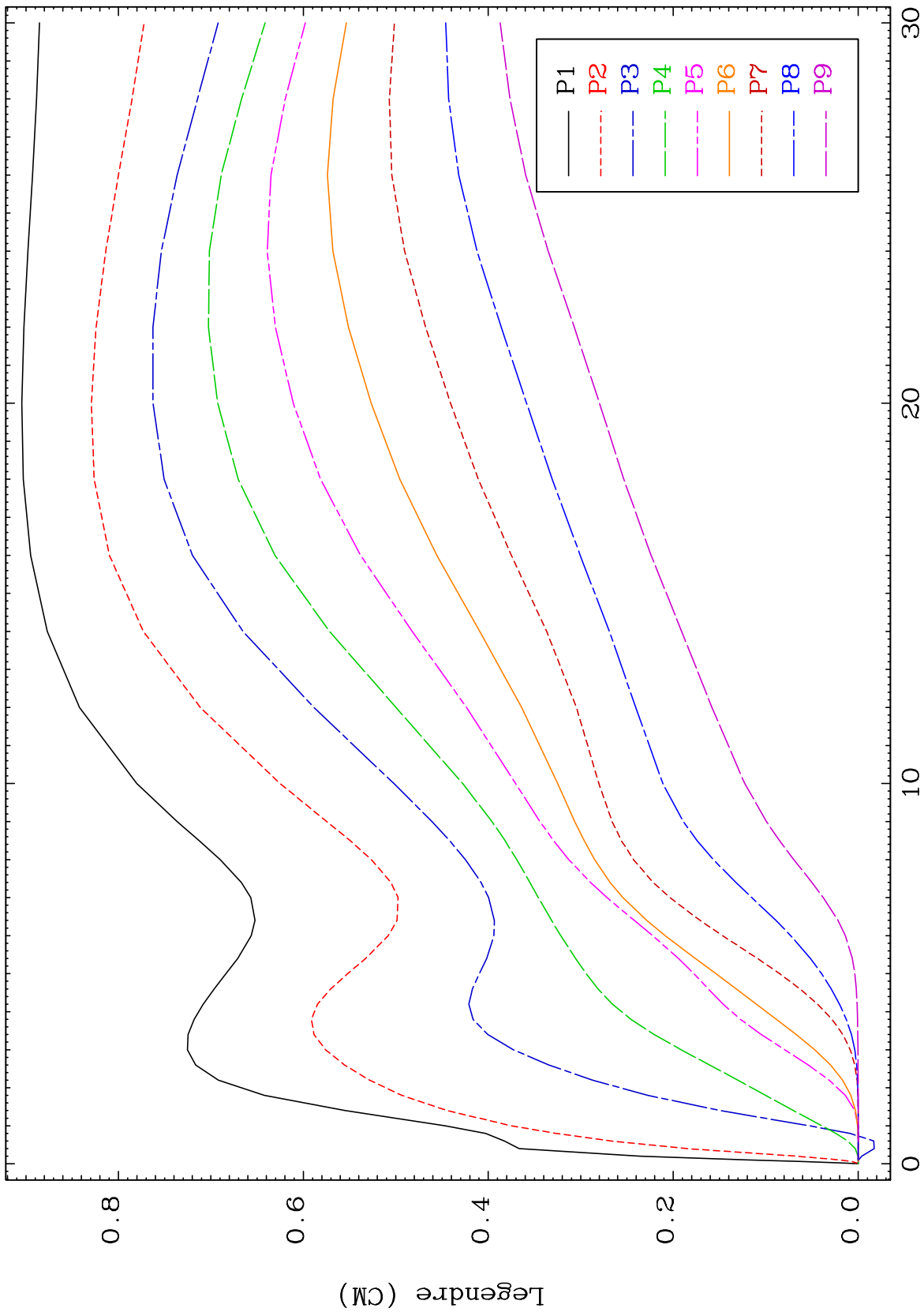




MAT 5755

Elastic Legendre Coefficients

57-La-148



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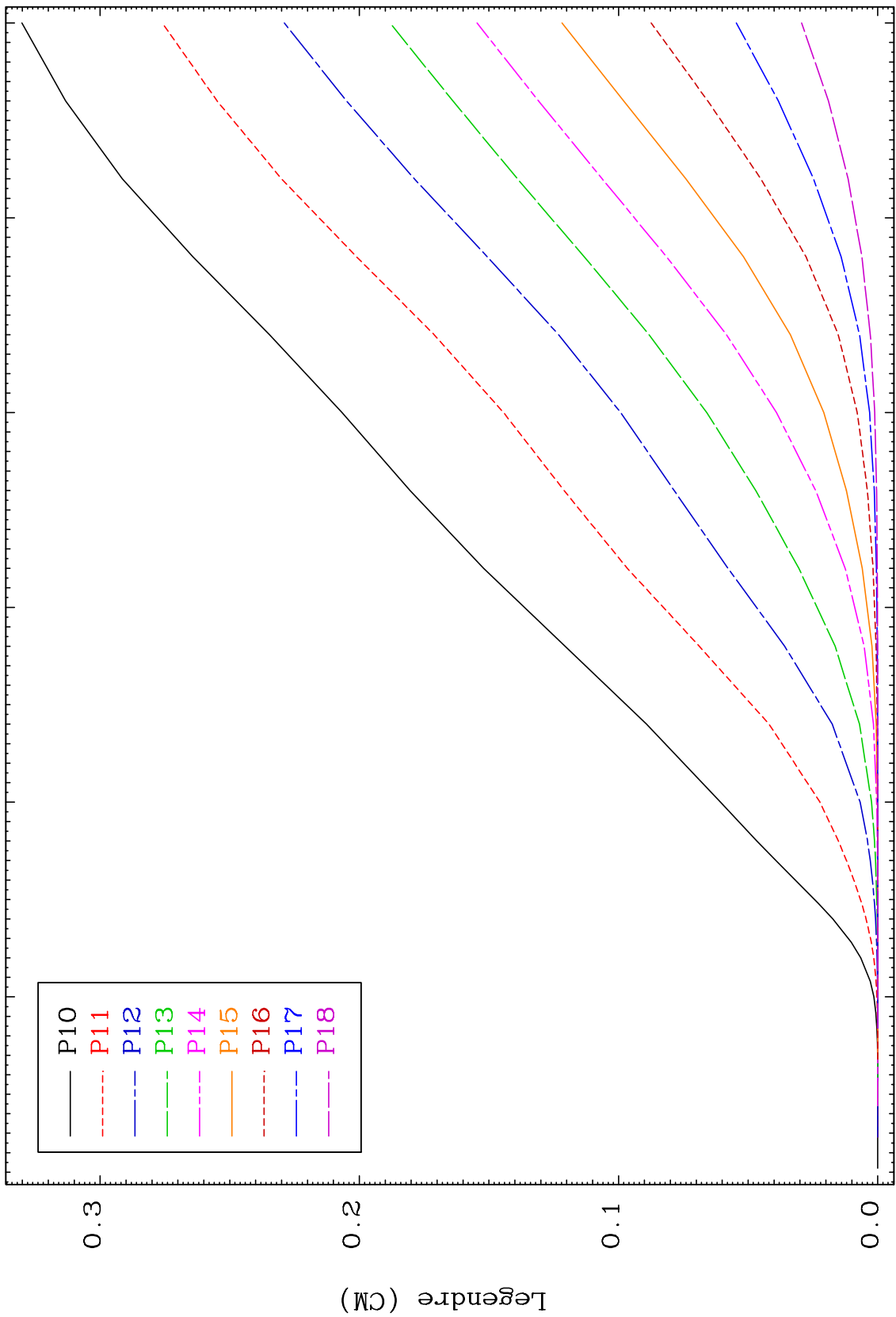
Incident Energy (MeV)

57-La-148

MAT 5755

Elastic Legendre Coefficients

57-La-148



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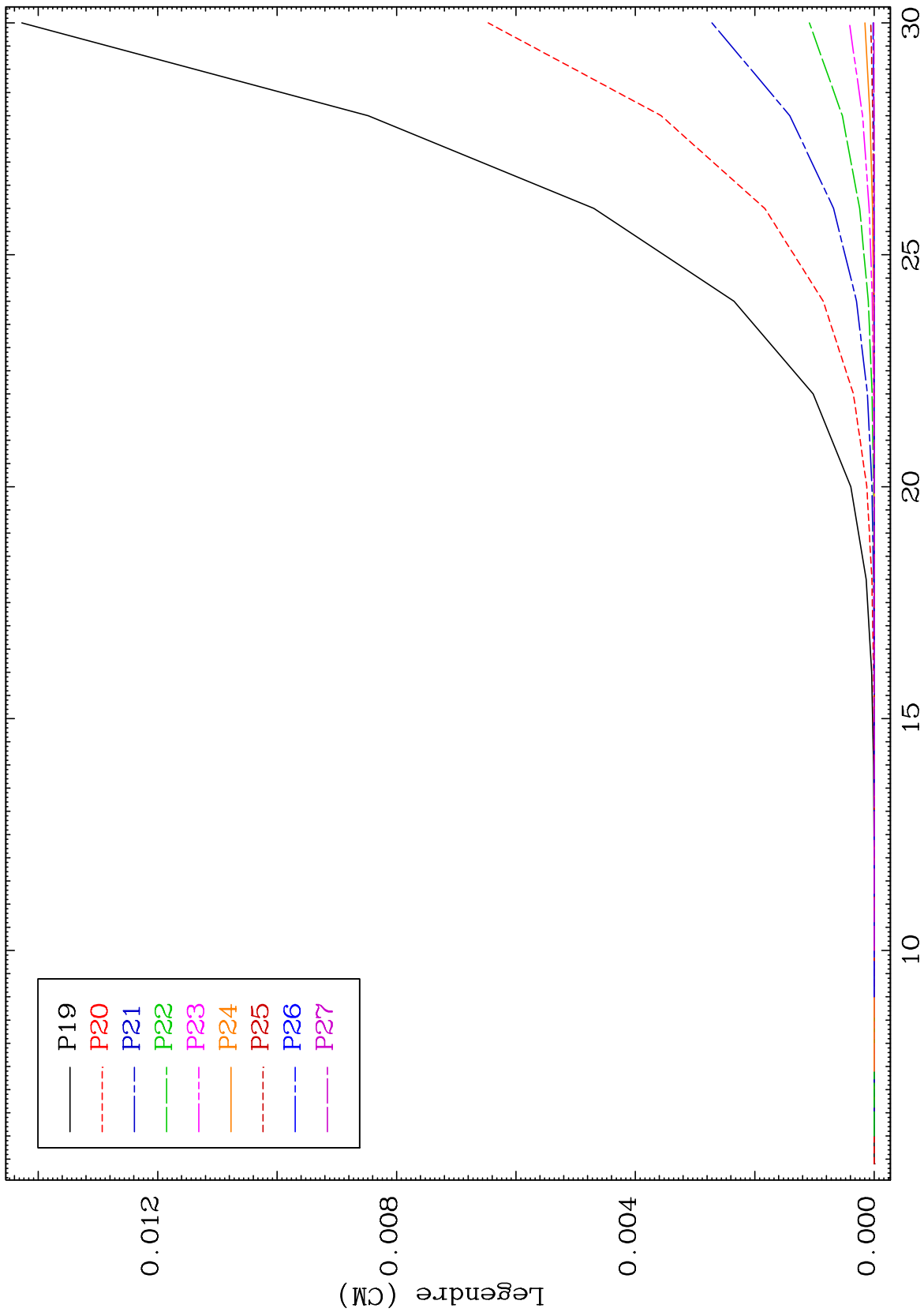
Incident Energy (MeV)

57-La-148

MAT 5755

Elastic  
Legendre Coefficients

57-La-148



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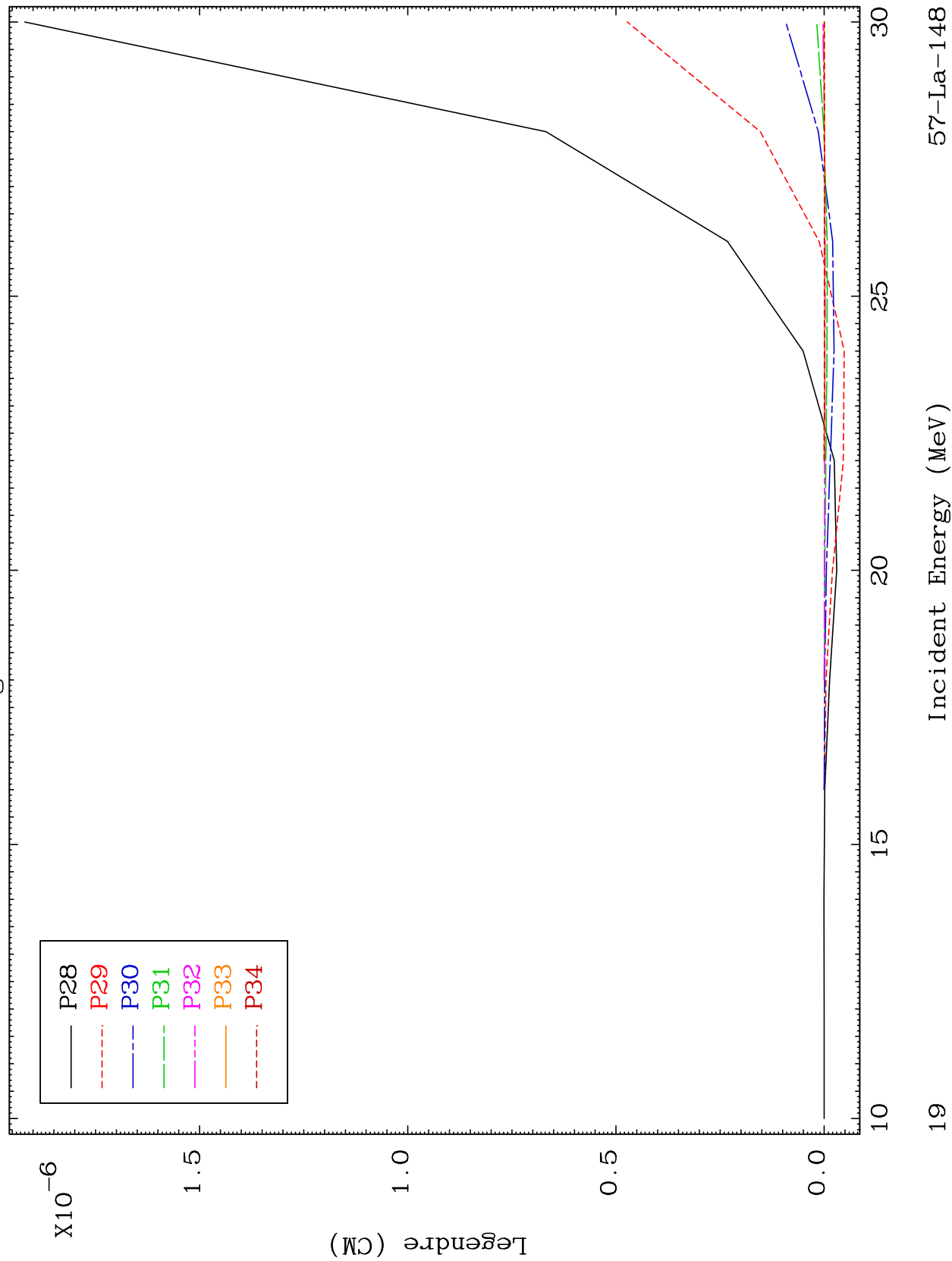
Incident Energy (MeV)

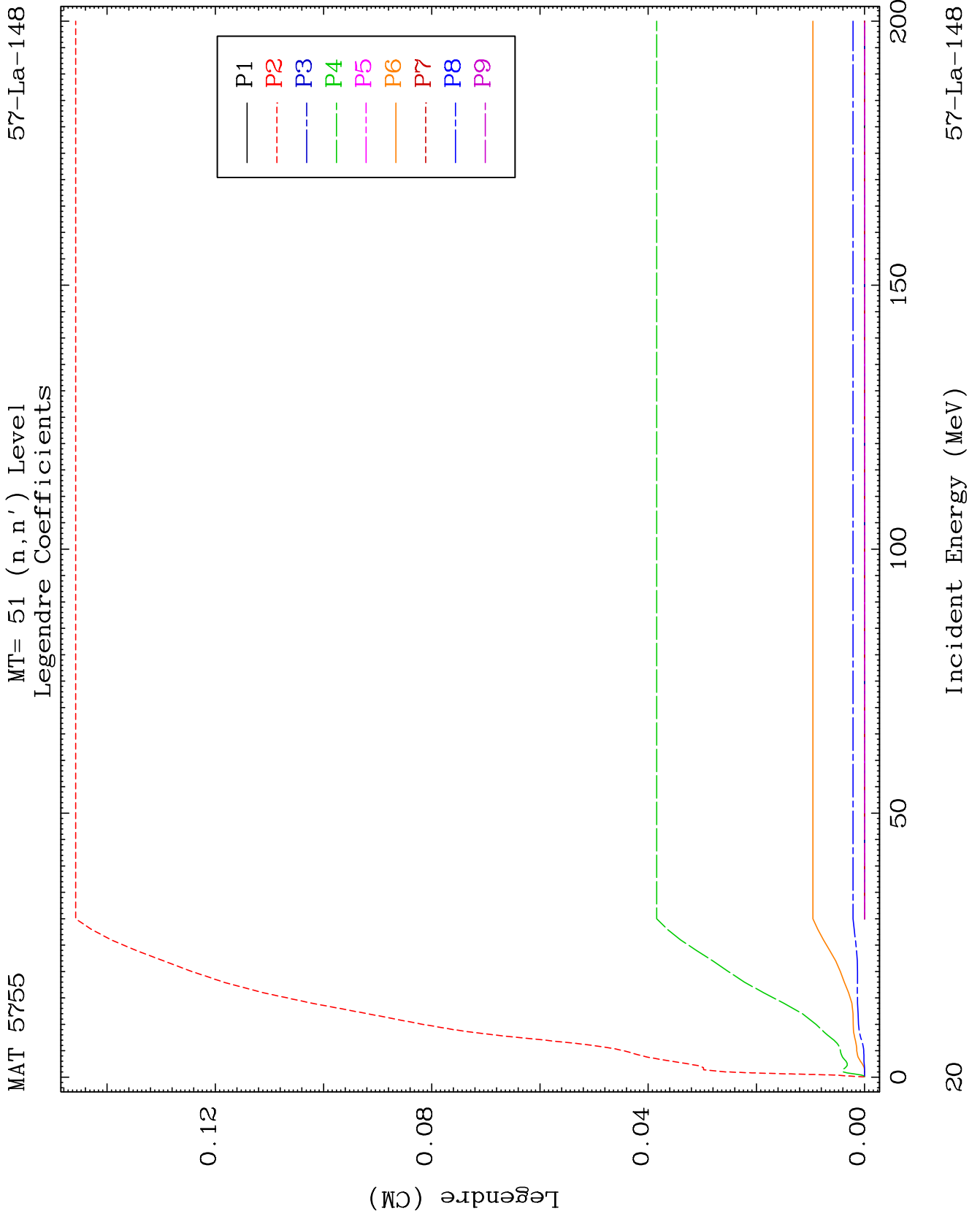
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MAT 5755

Elastic  
Legendre Coefficients

57-La-148

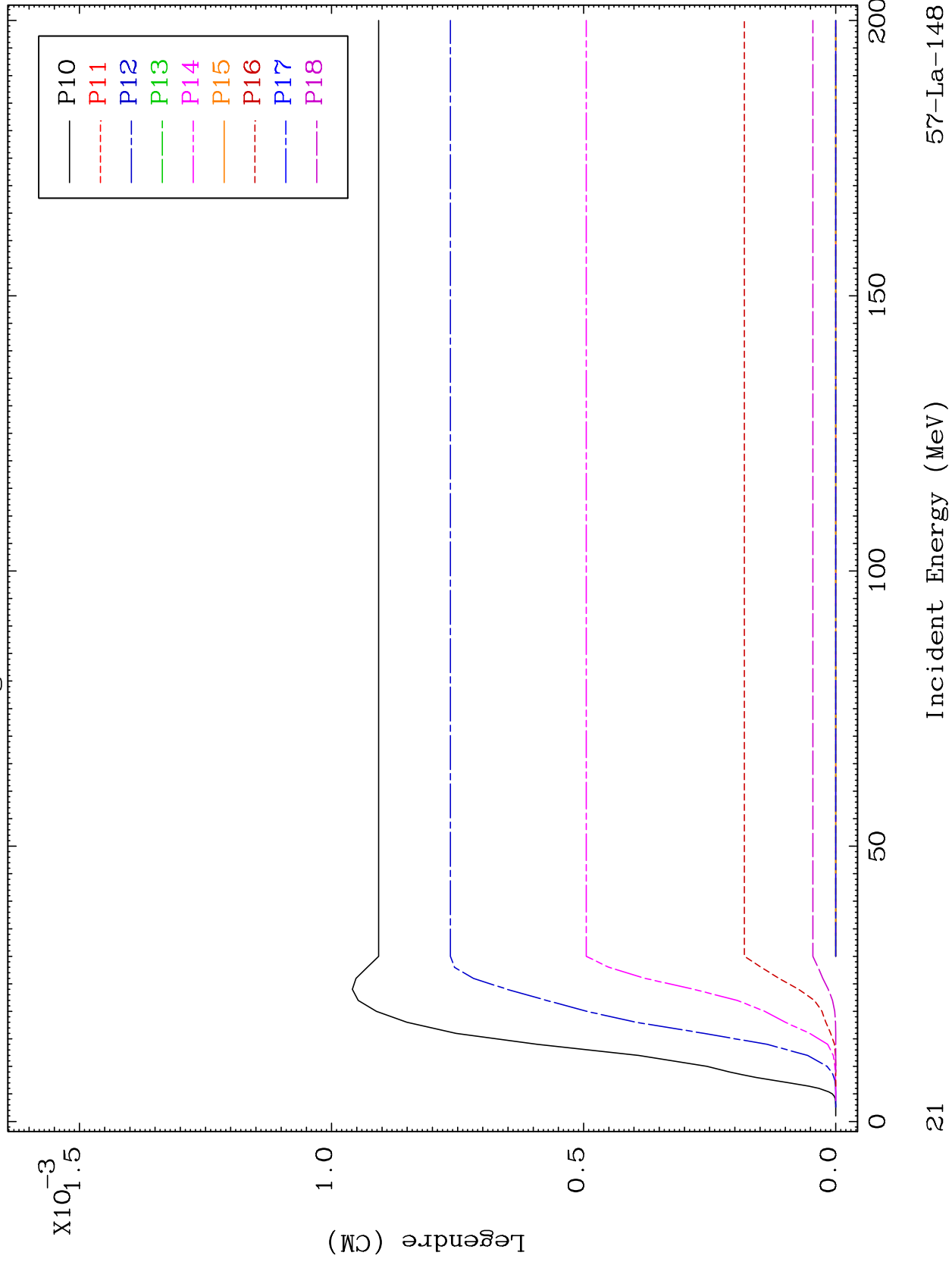


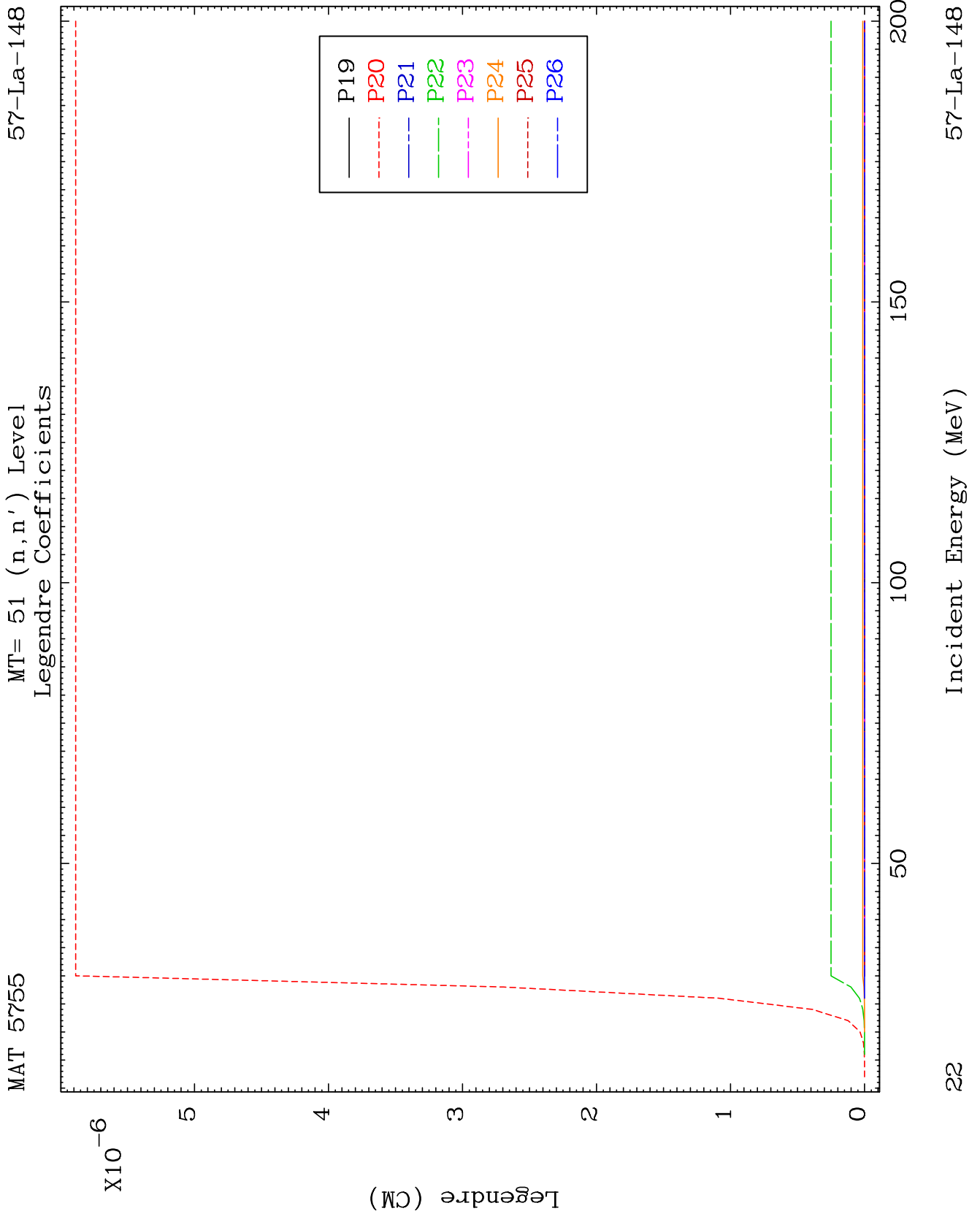


MAT 5755

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

57-La-148

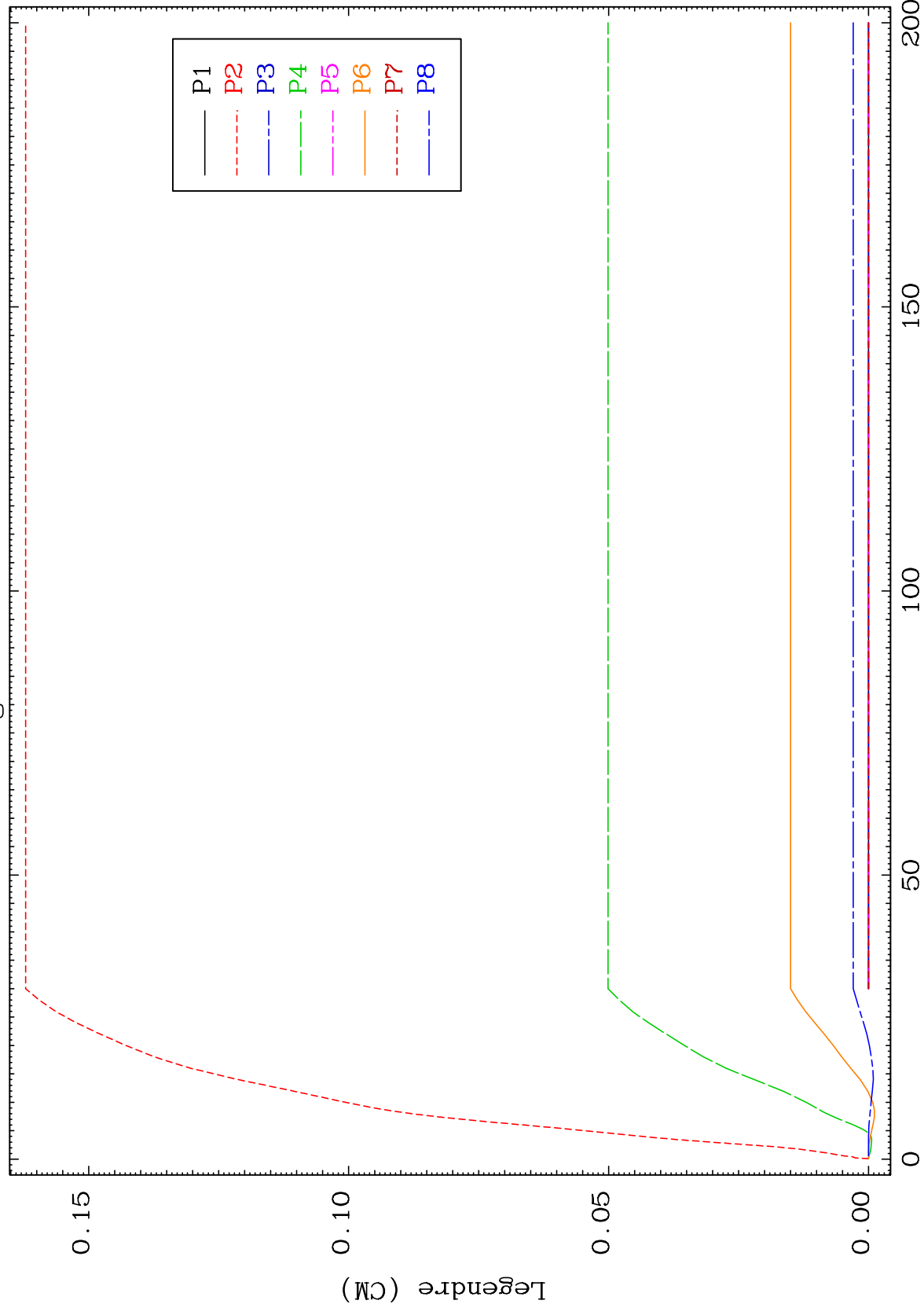




MAT 5755

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

57-La-148



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Incident Energy (MeV)

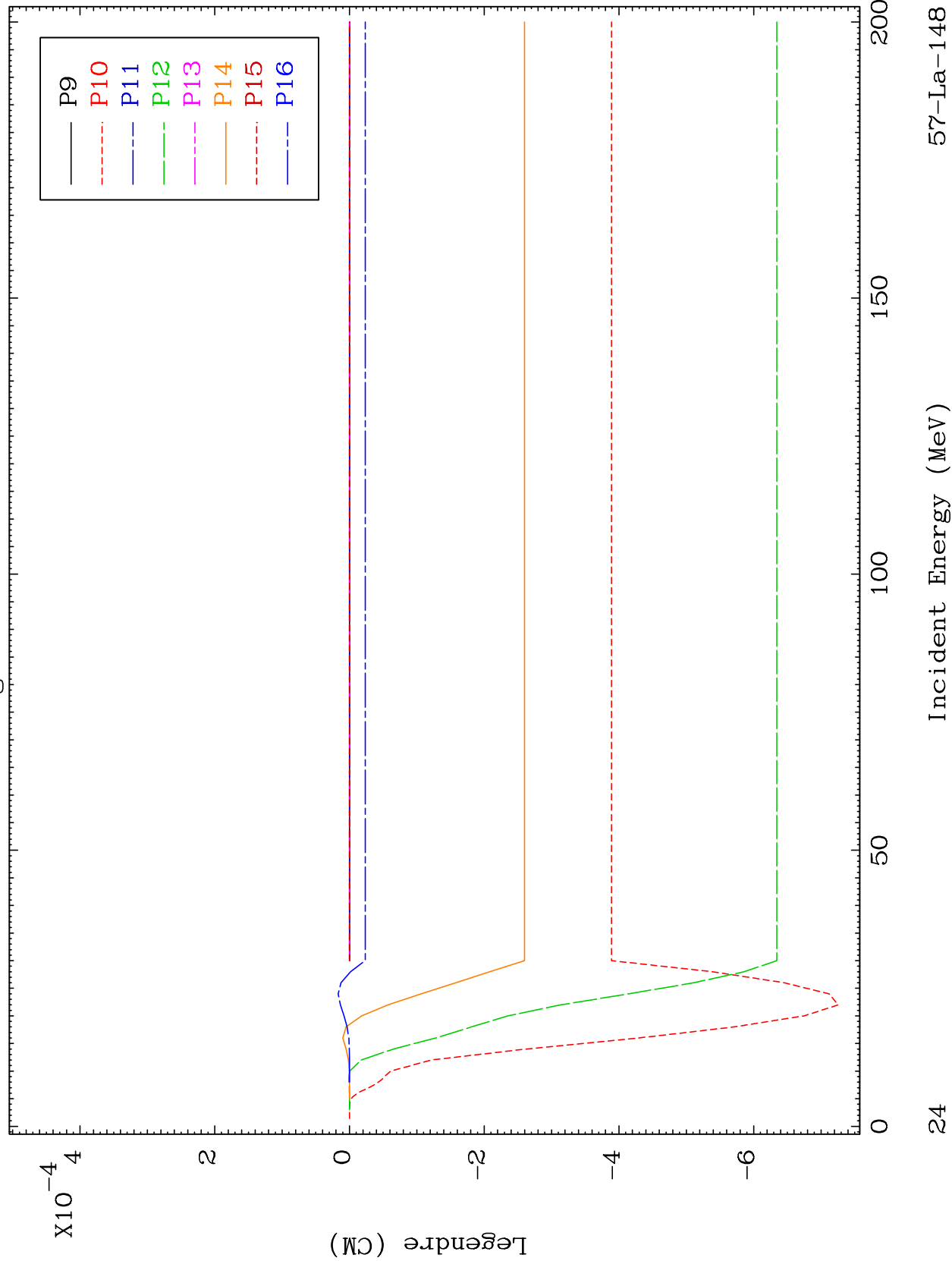
57-La-148



MAT 5755

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

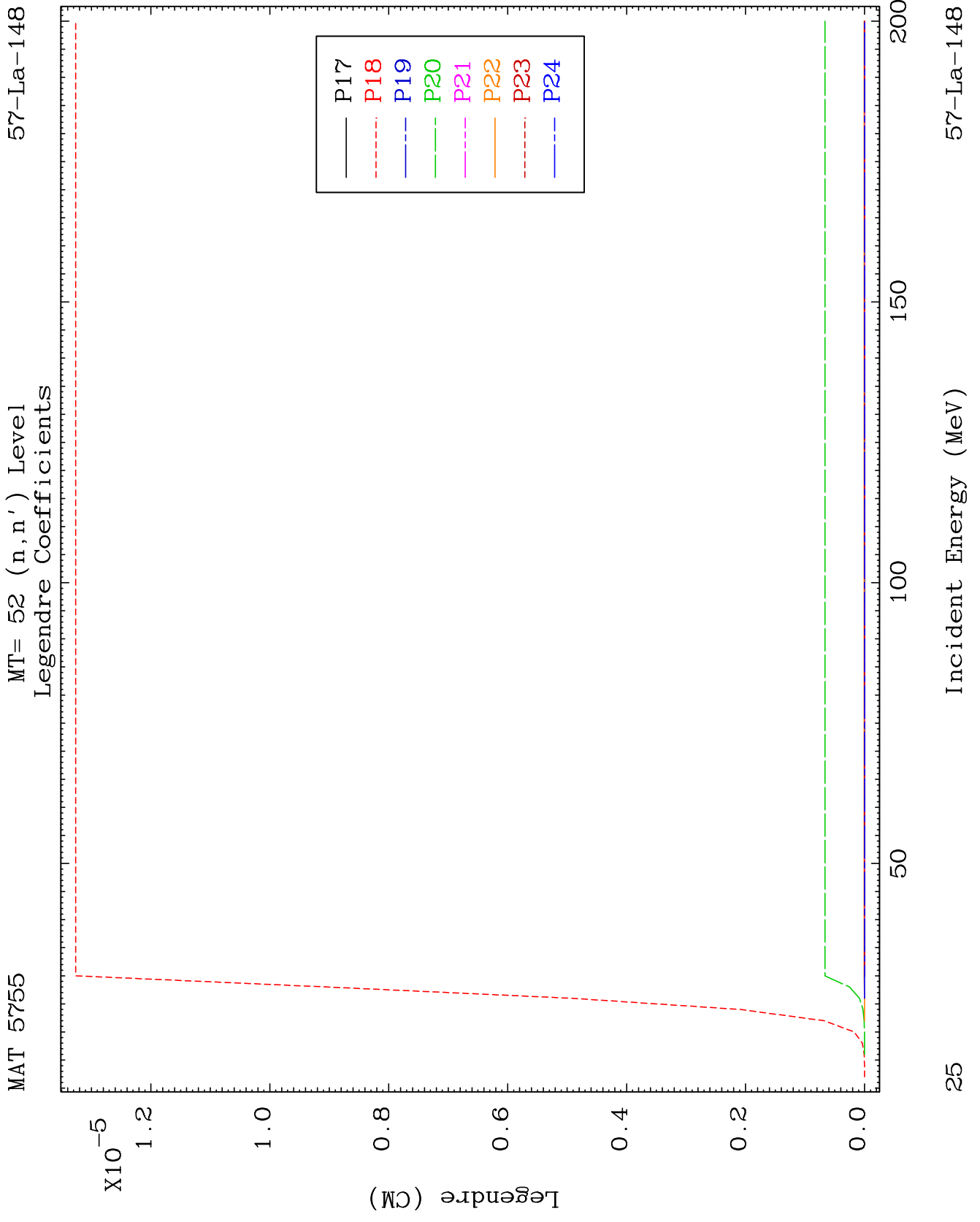
57-La-148



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Incident Energy (MeV)

57-La-148

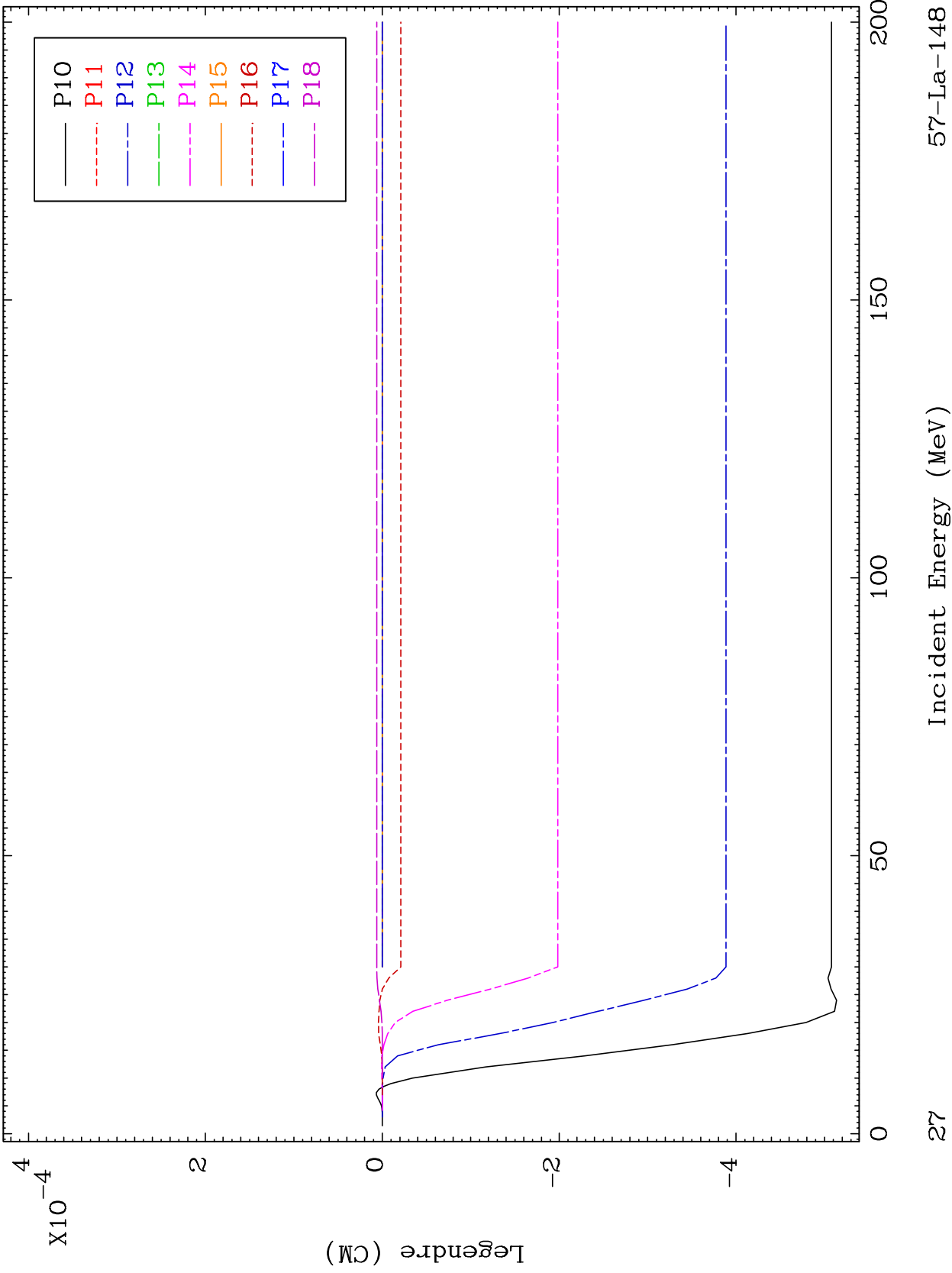


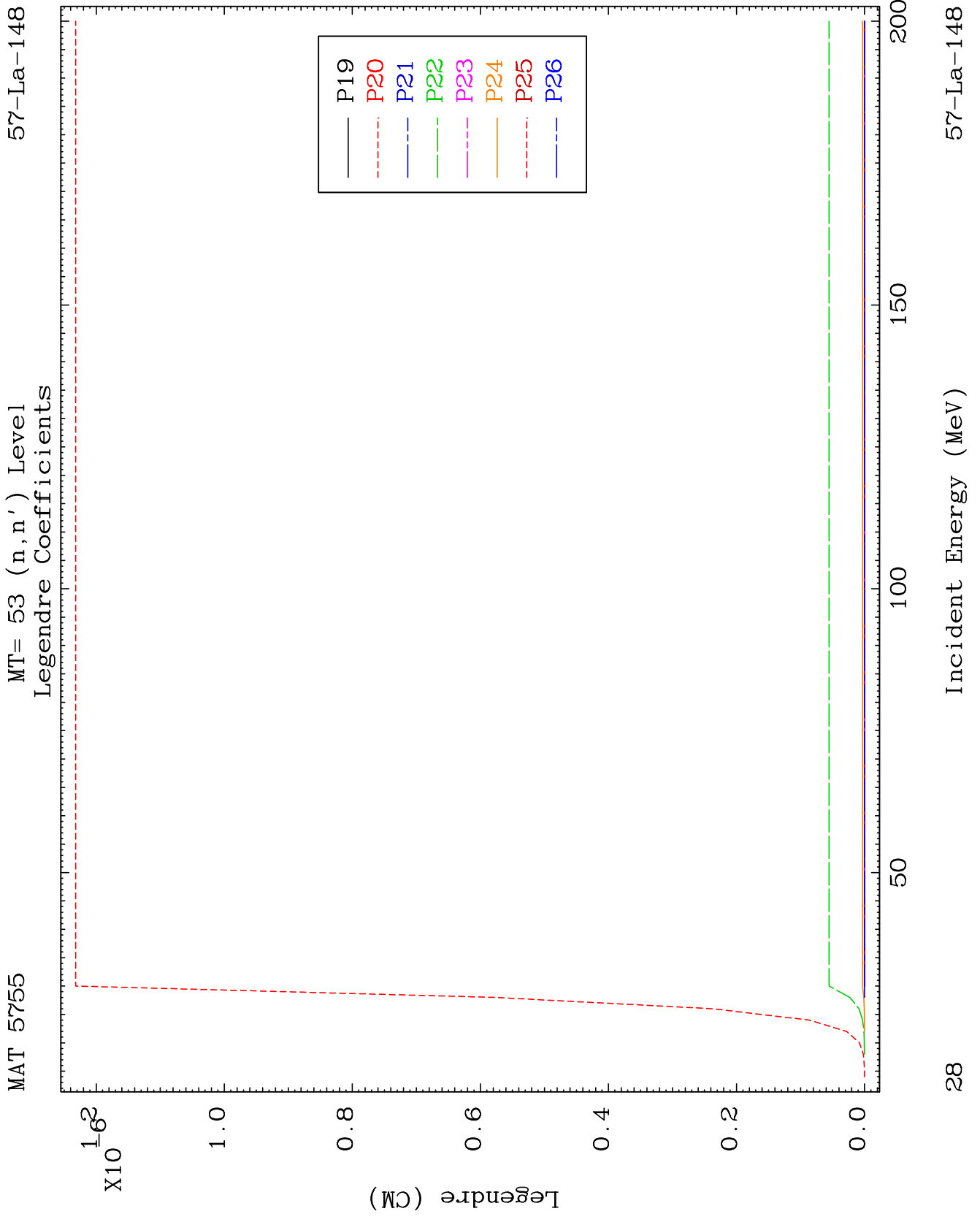


MAT 5755

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

57-La-148

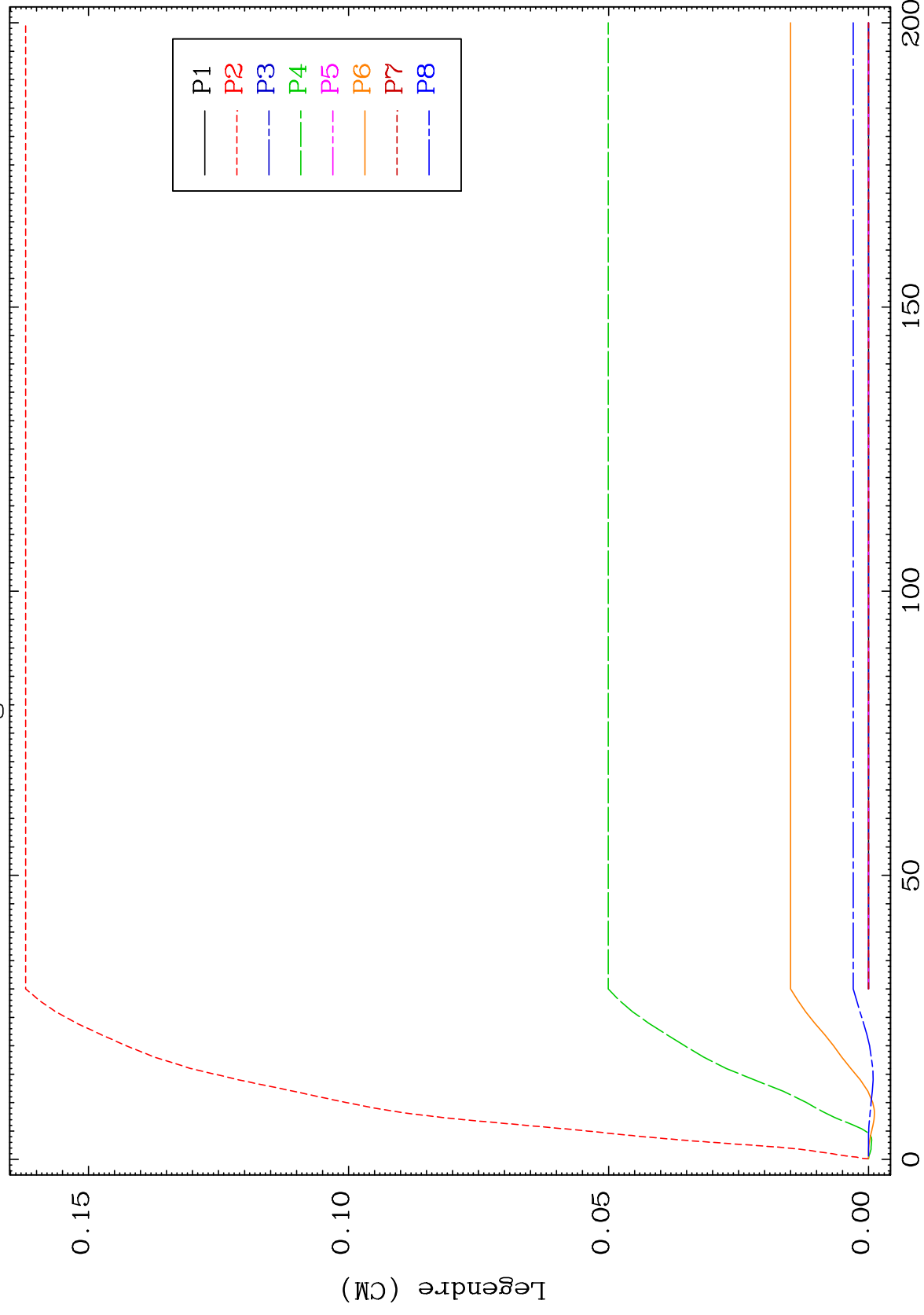




MAT 5755

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

57-La-148



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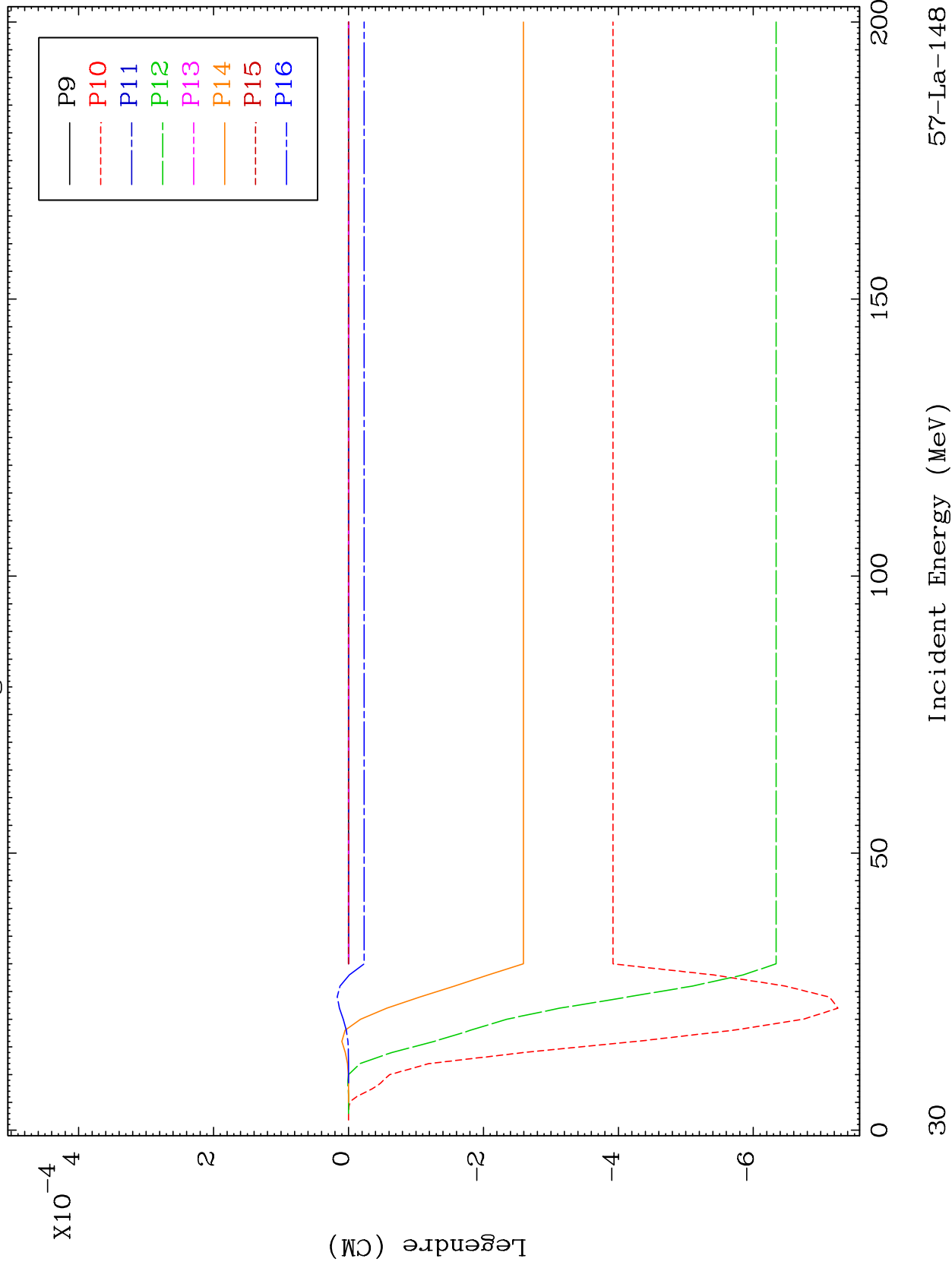
Incident Energy (MeV)

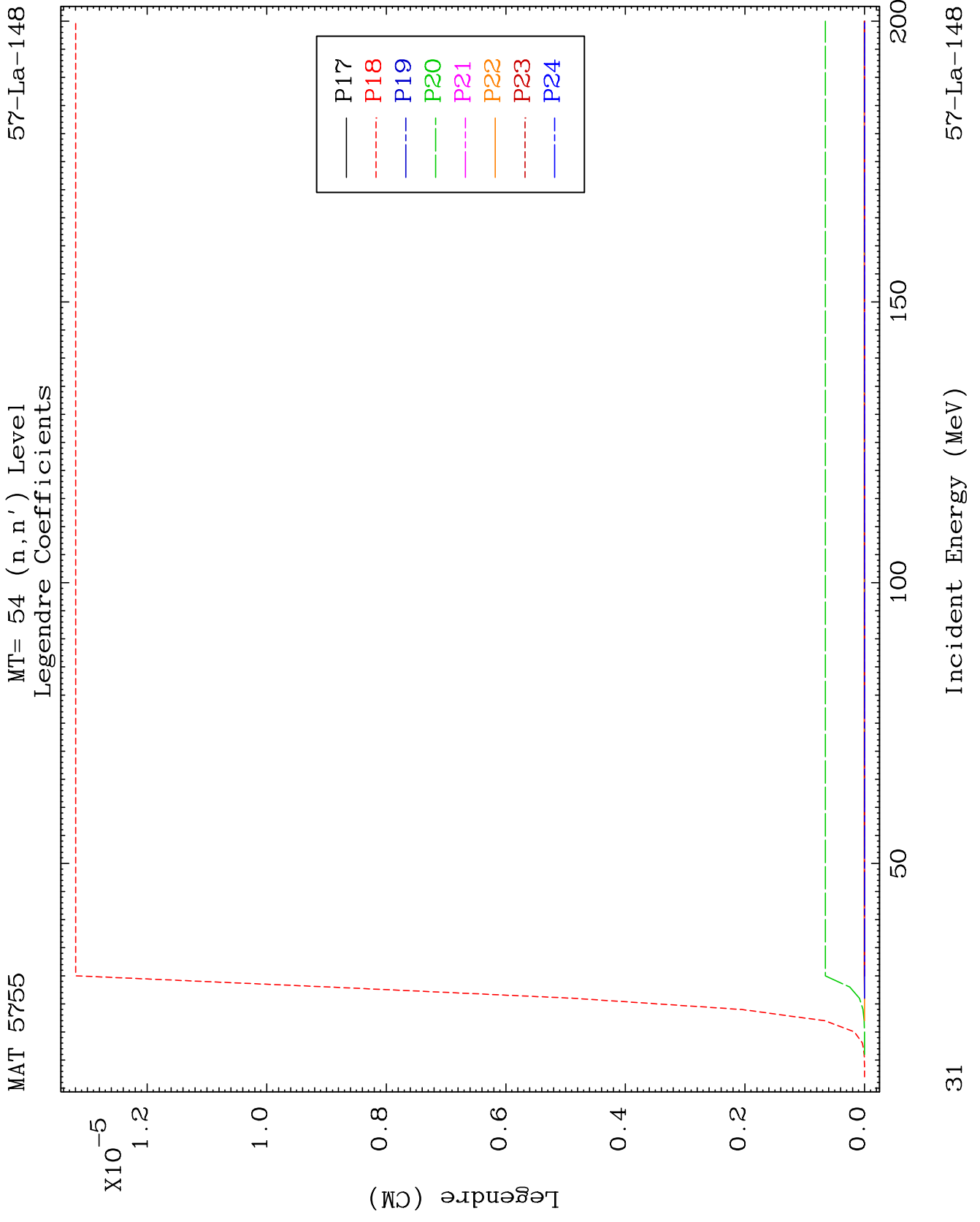
57-La-148

MAT 5755

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

57-La-148





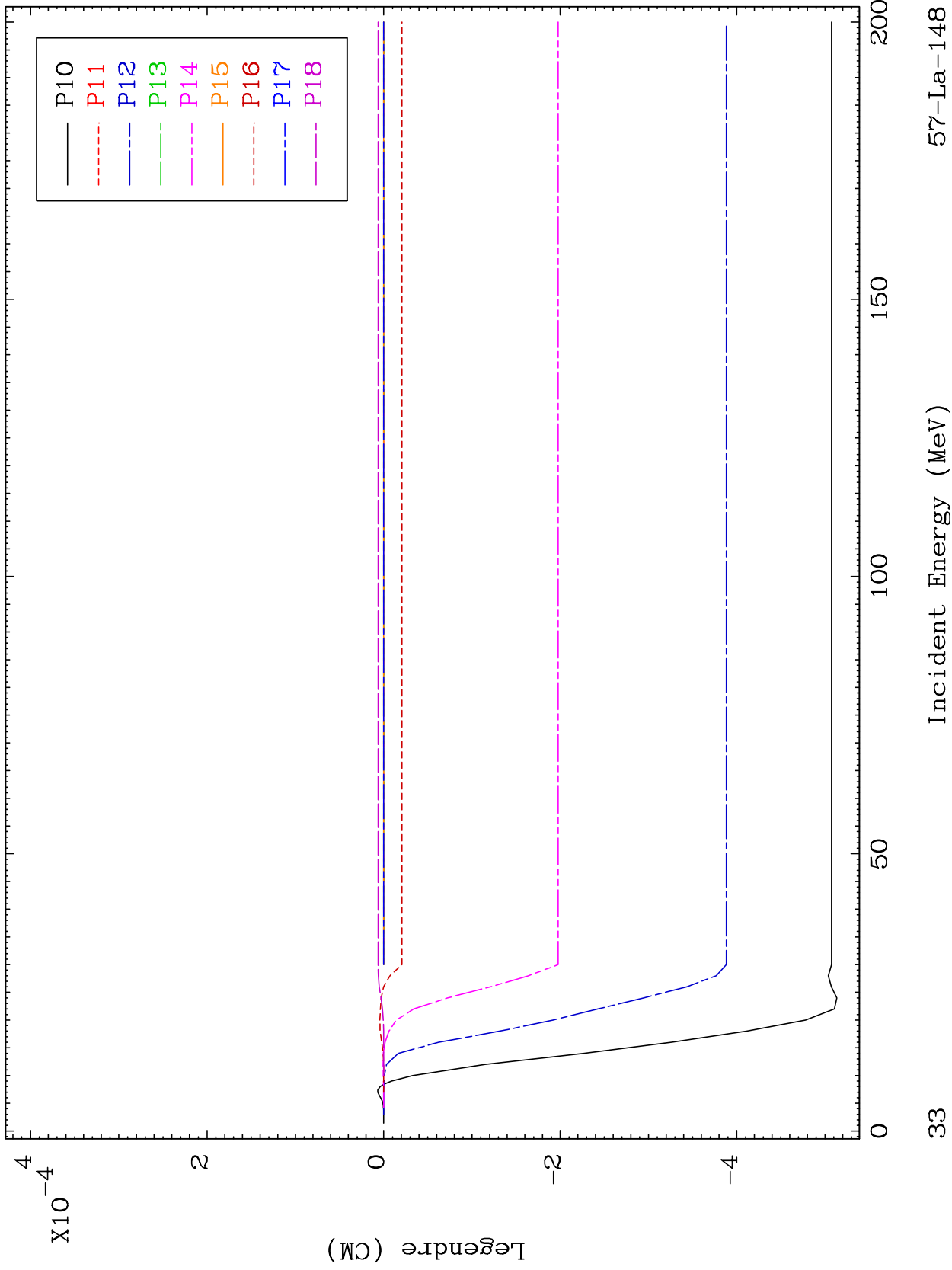


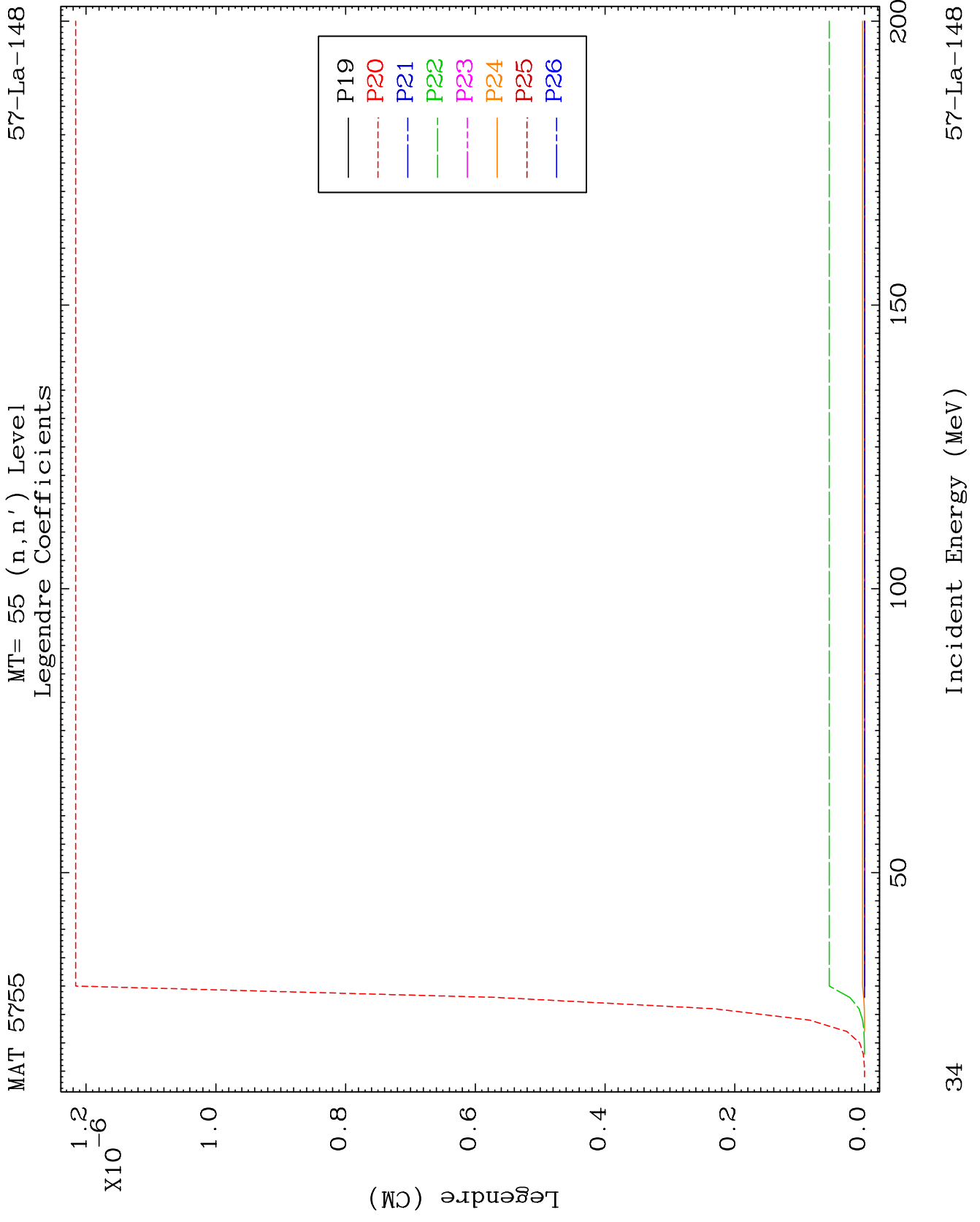


MAT 5755

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

57-La-148

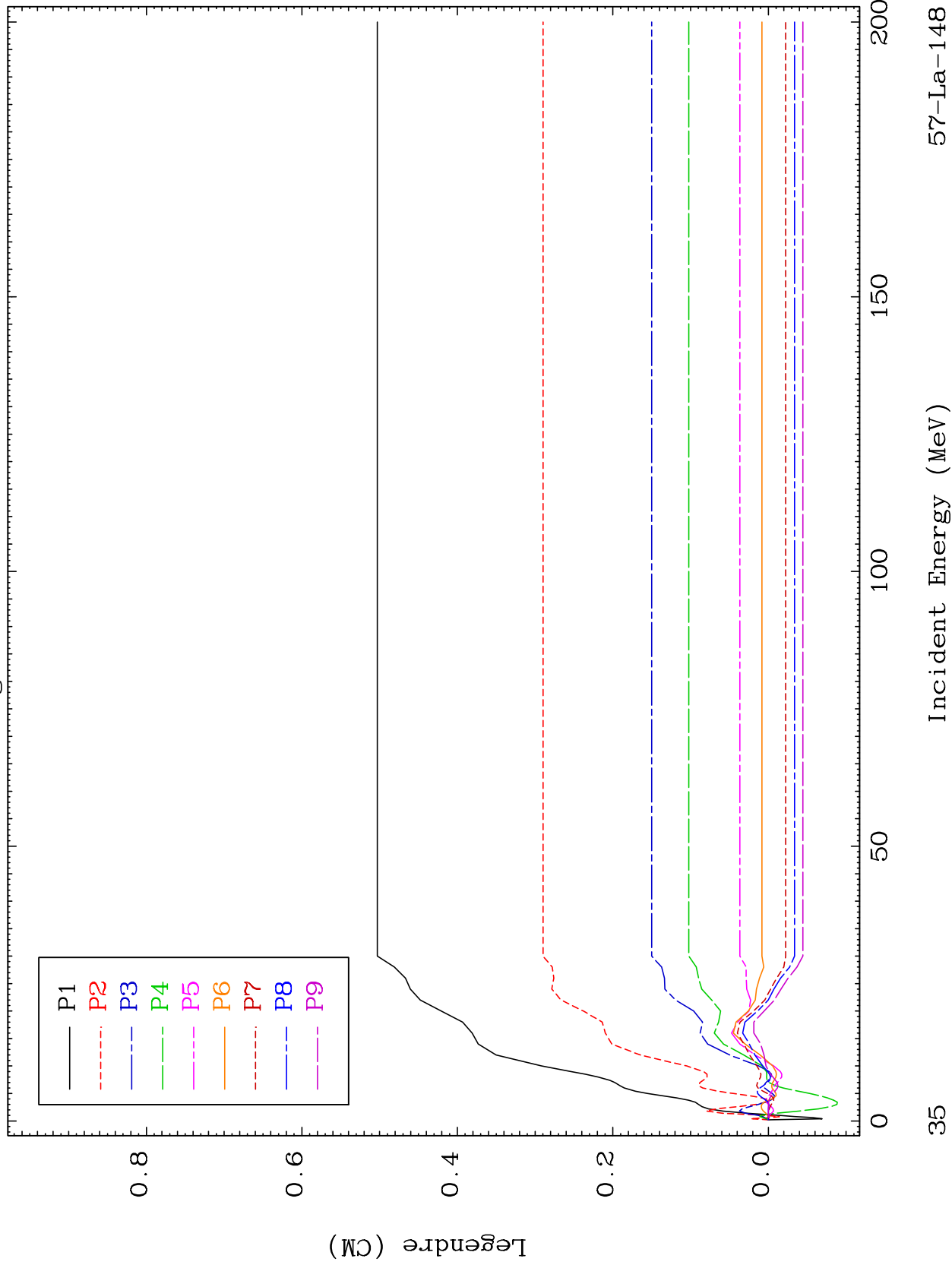




MAT 5755

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

57-La-148



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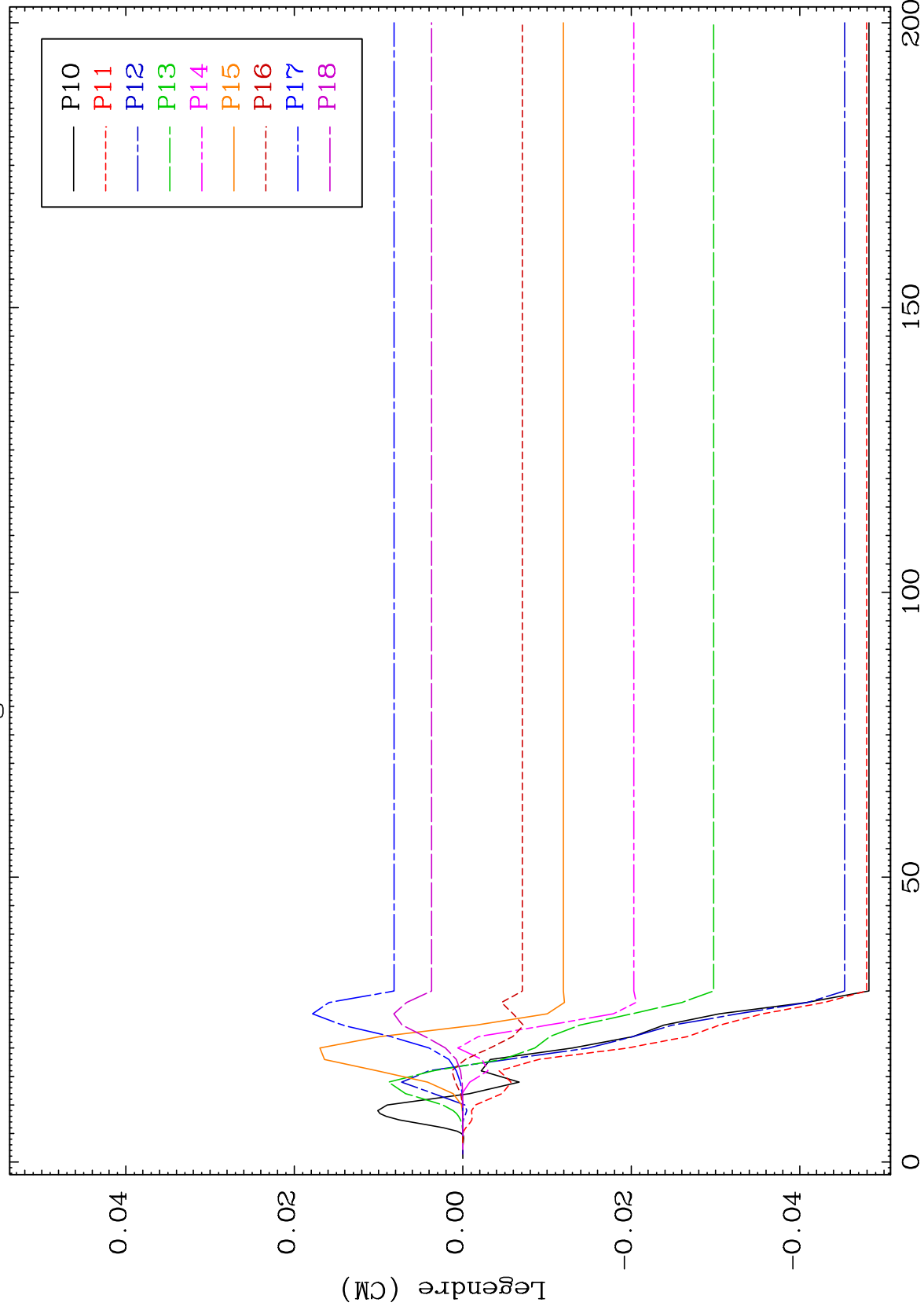
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



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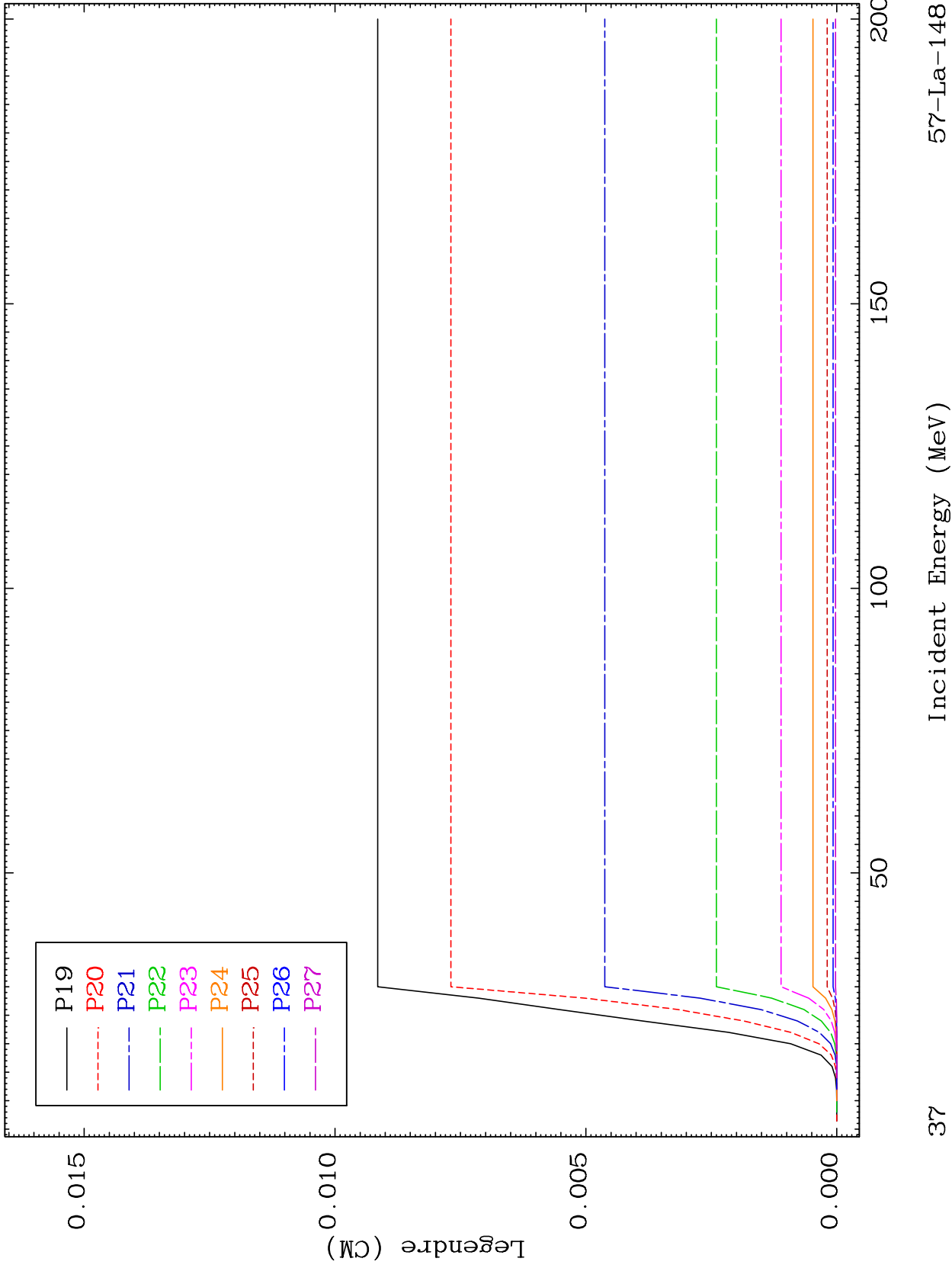
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



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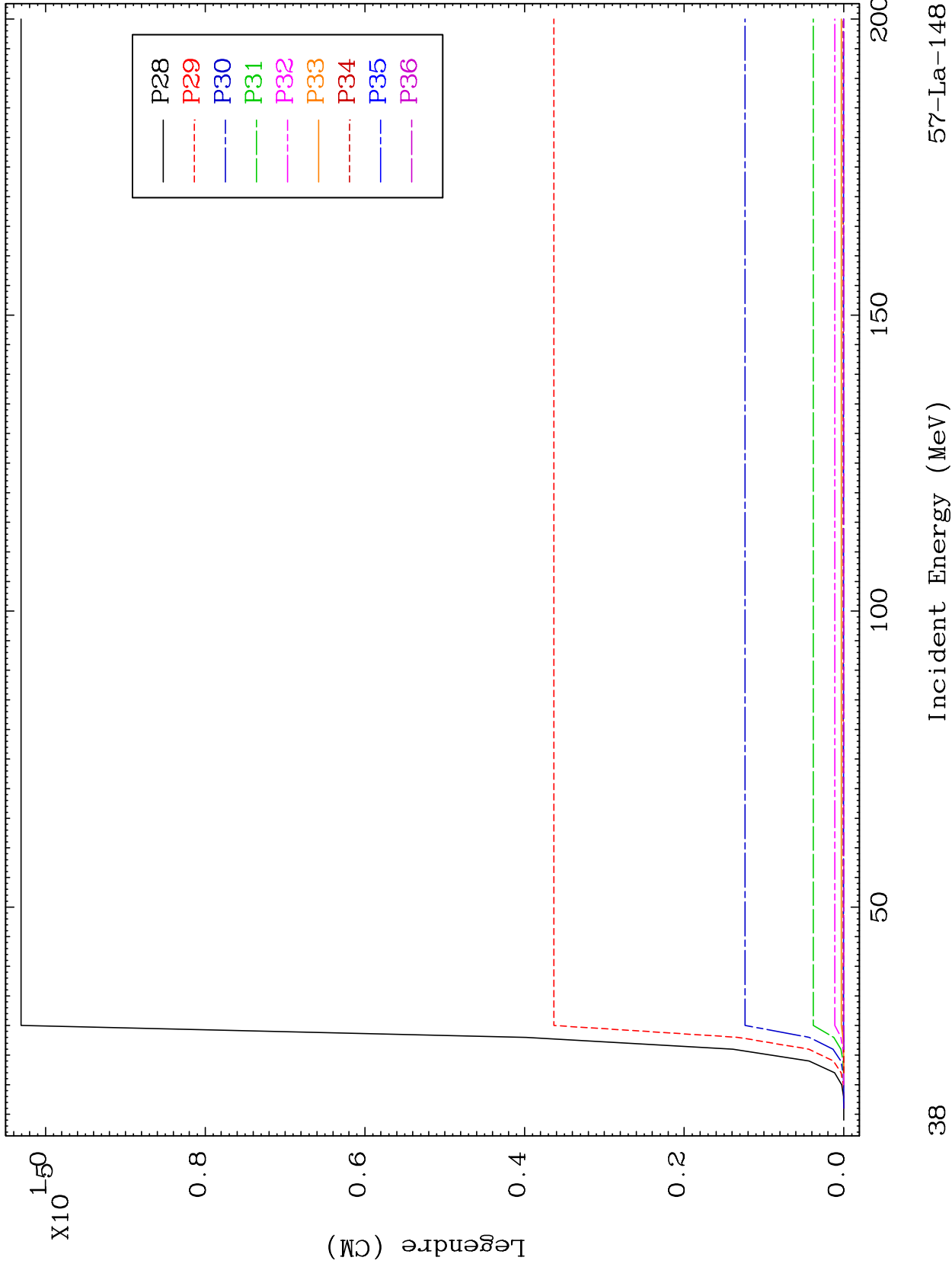
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



38

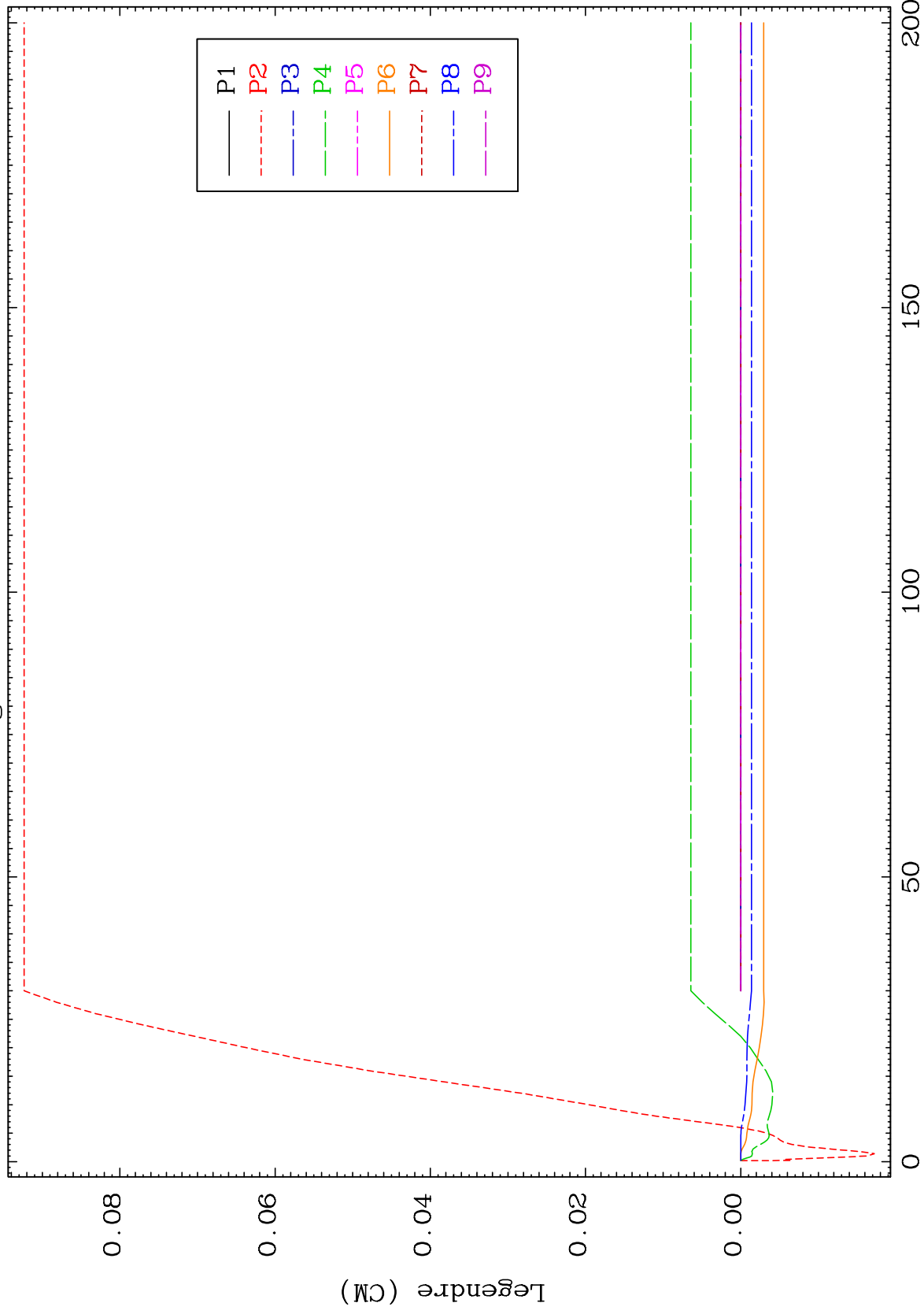
57-La-148

Incident Energy (MeV)

MAT 5755

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

57-La-148



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Incident Energy (MeV)

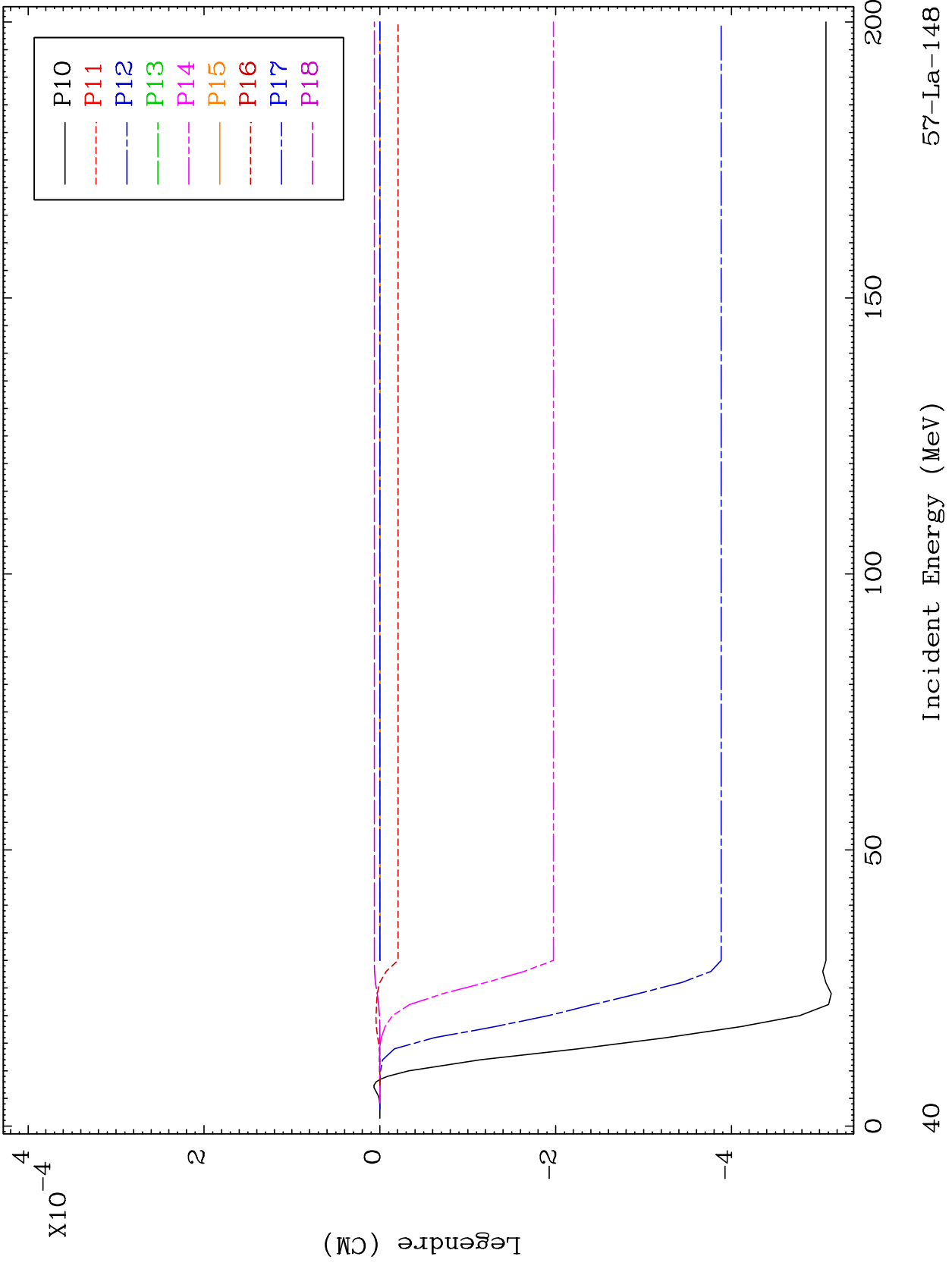
57-La-148



MAT 5755

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

57-La-148

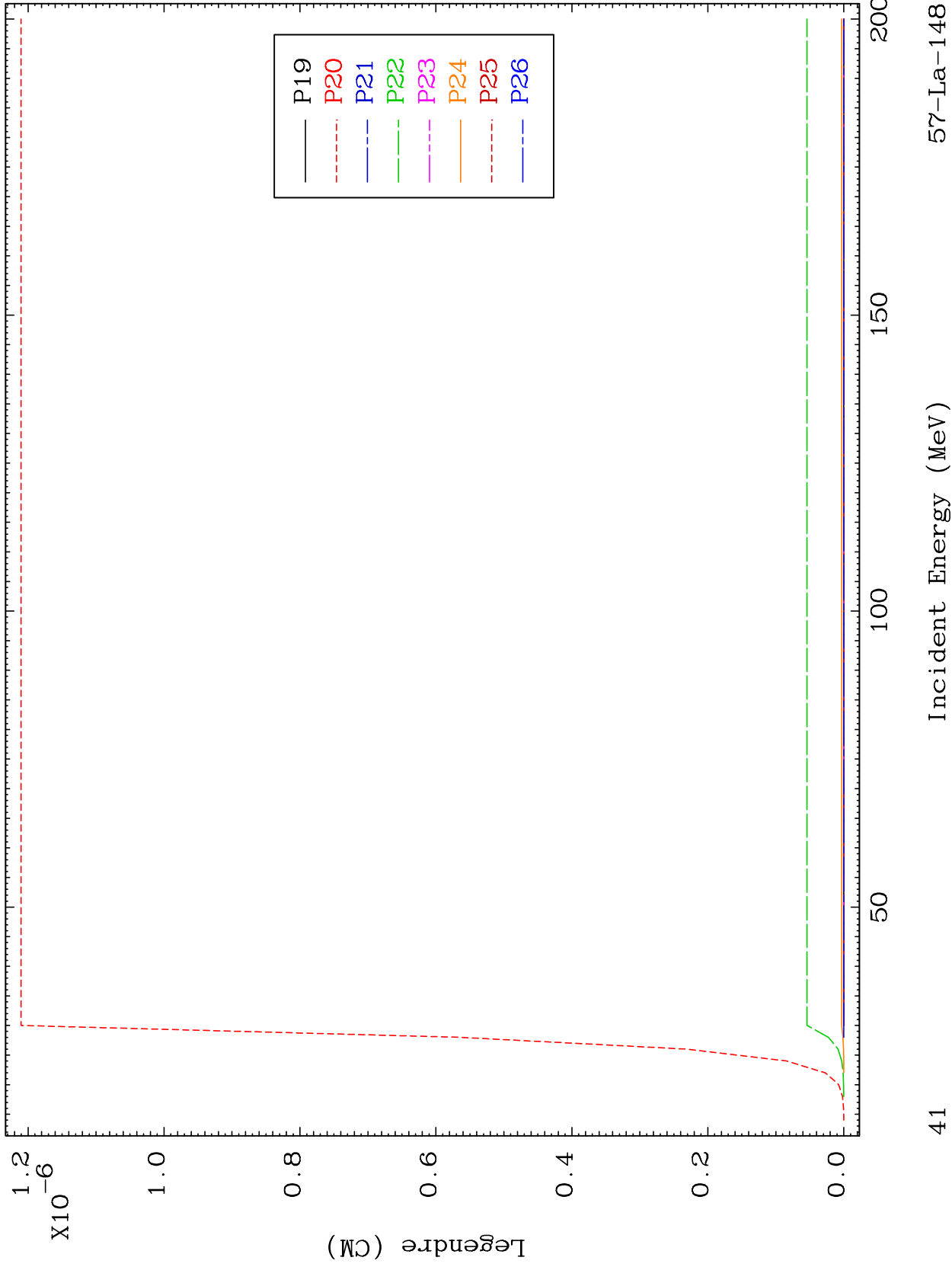


57-La-148

MAT 5755

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

57-La-148



41

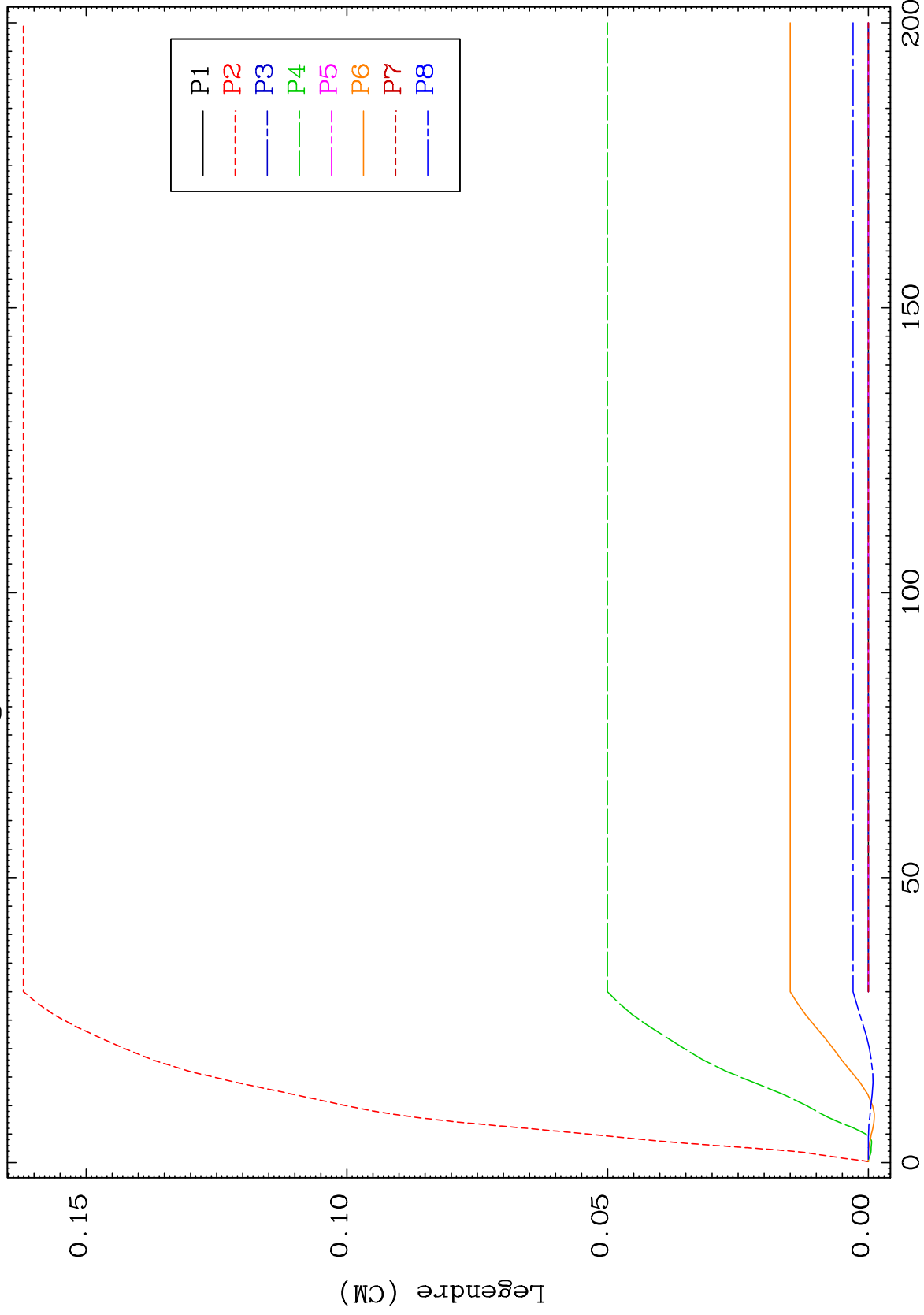
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

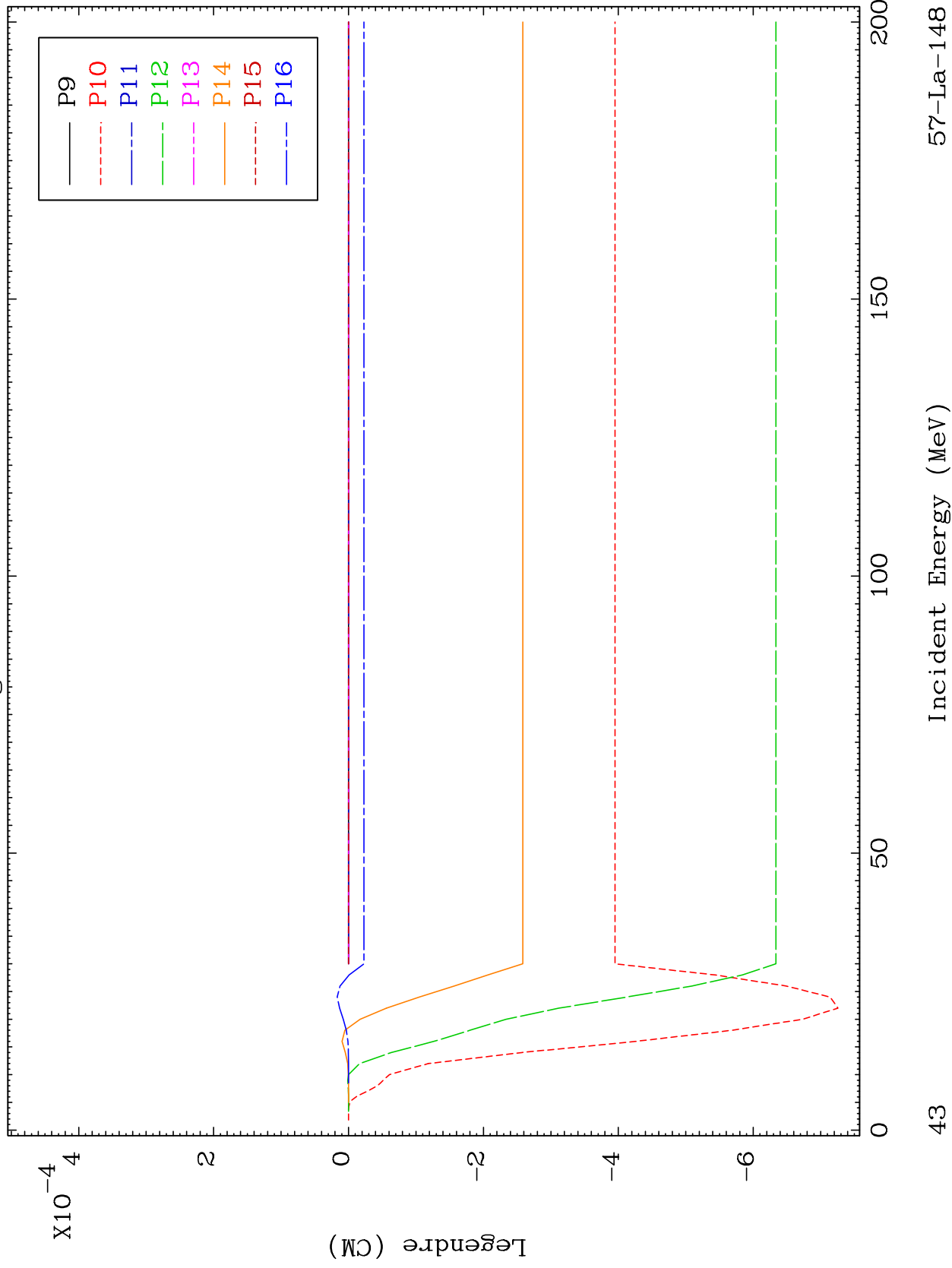
Incident Energy (MeV)

42

MAT 5755

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

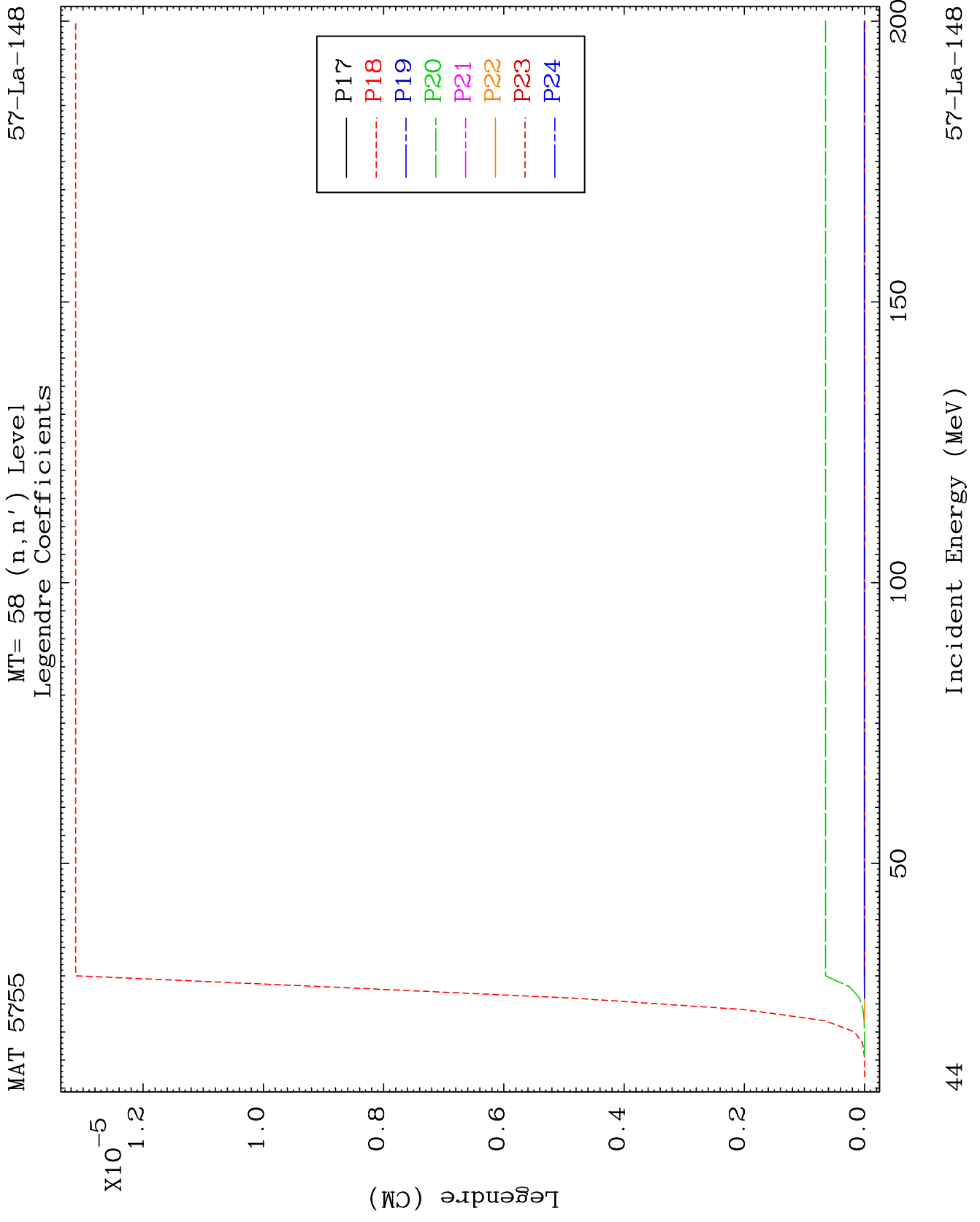
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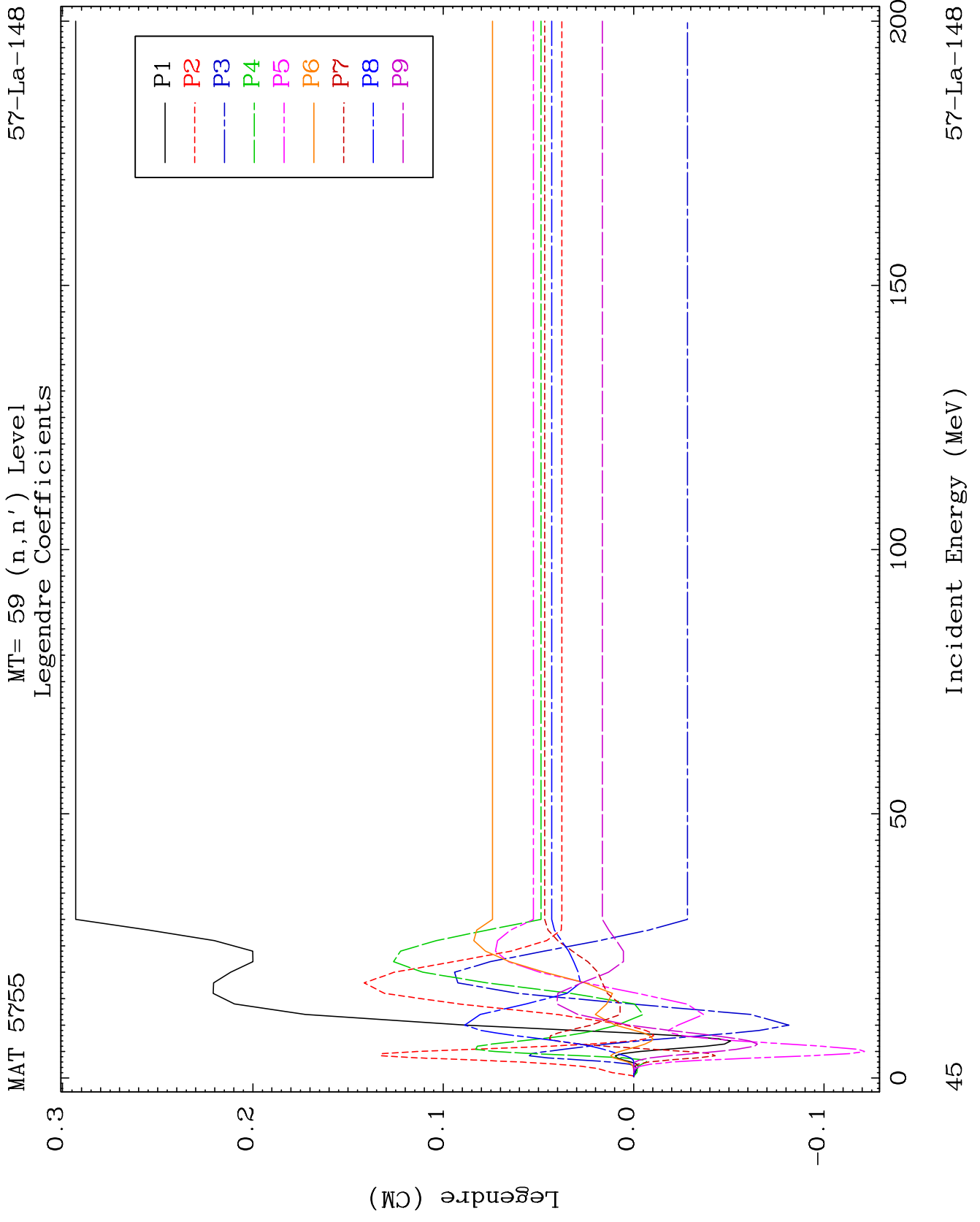


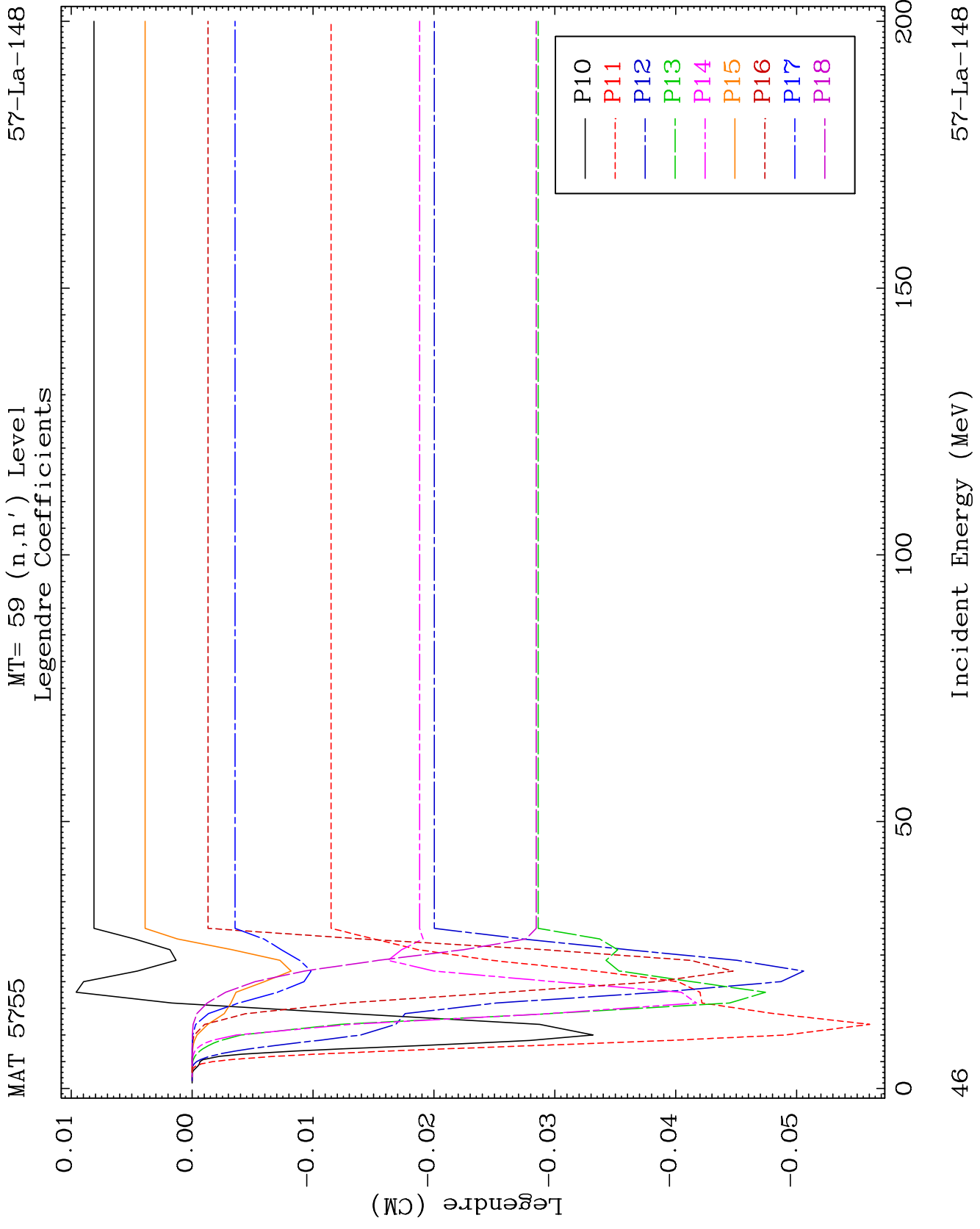
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Incident Energy (MeV)

57-La-148



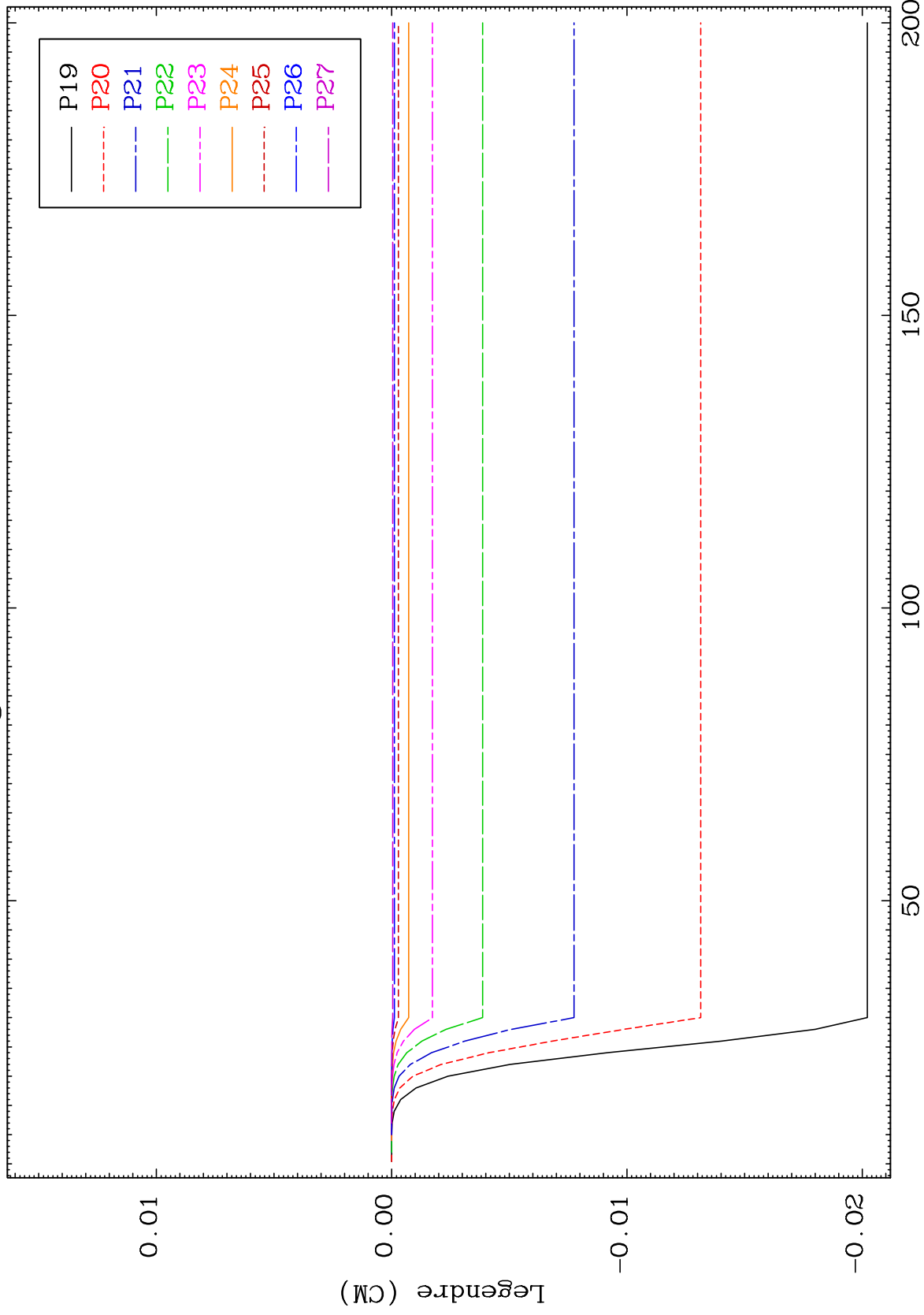




MAT 5755

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

57-La-148

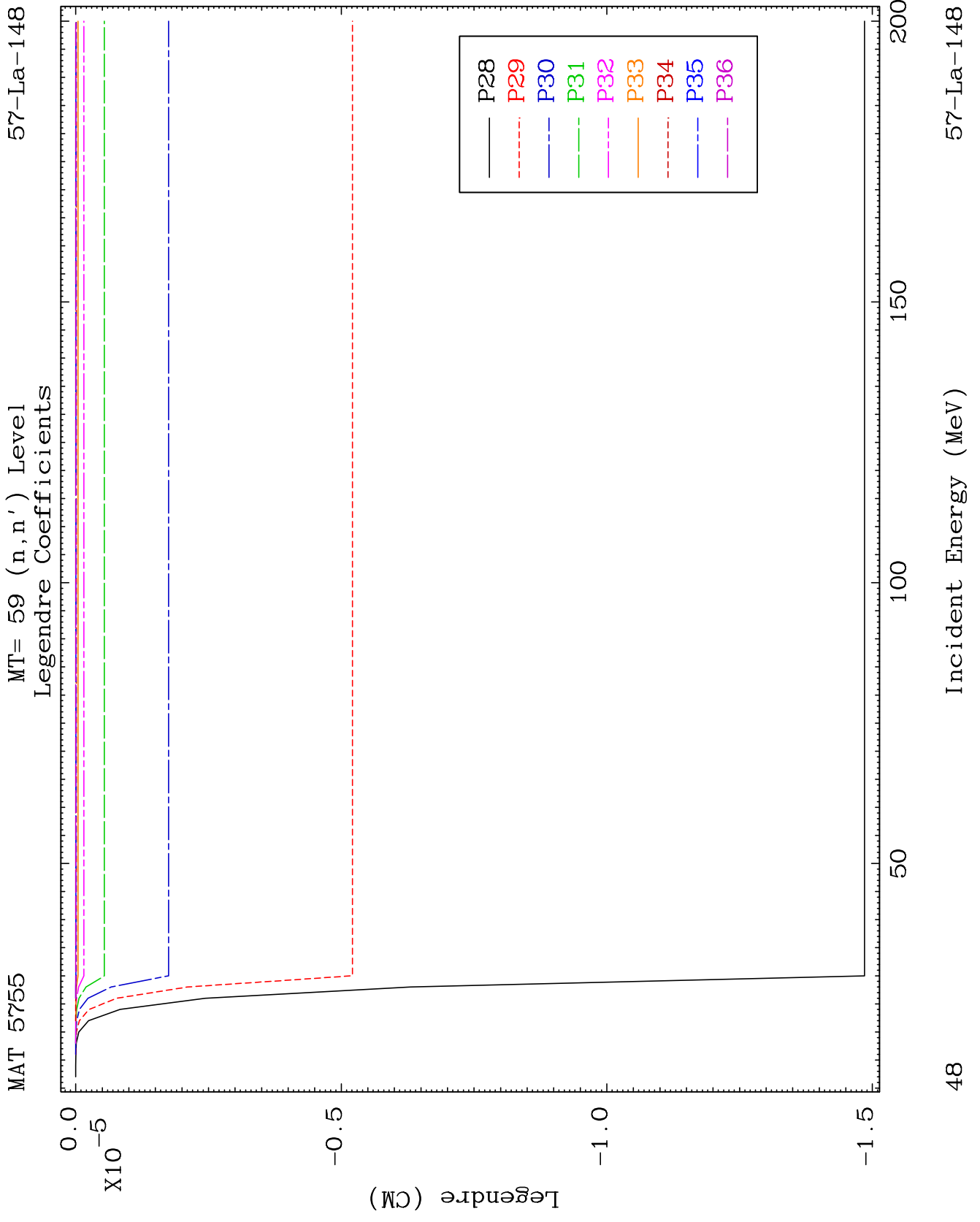


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Incident Energy (MeV)

57-La-148



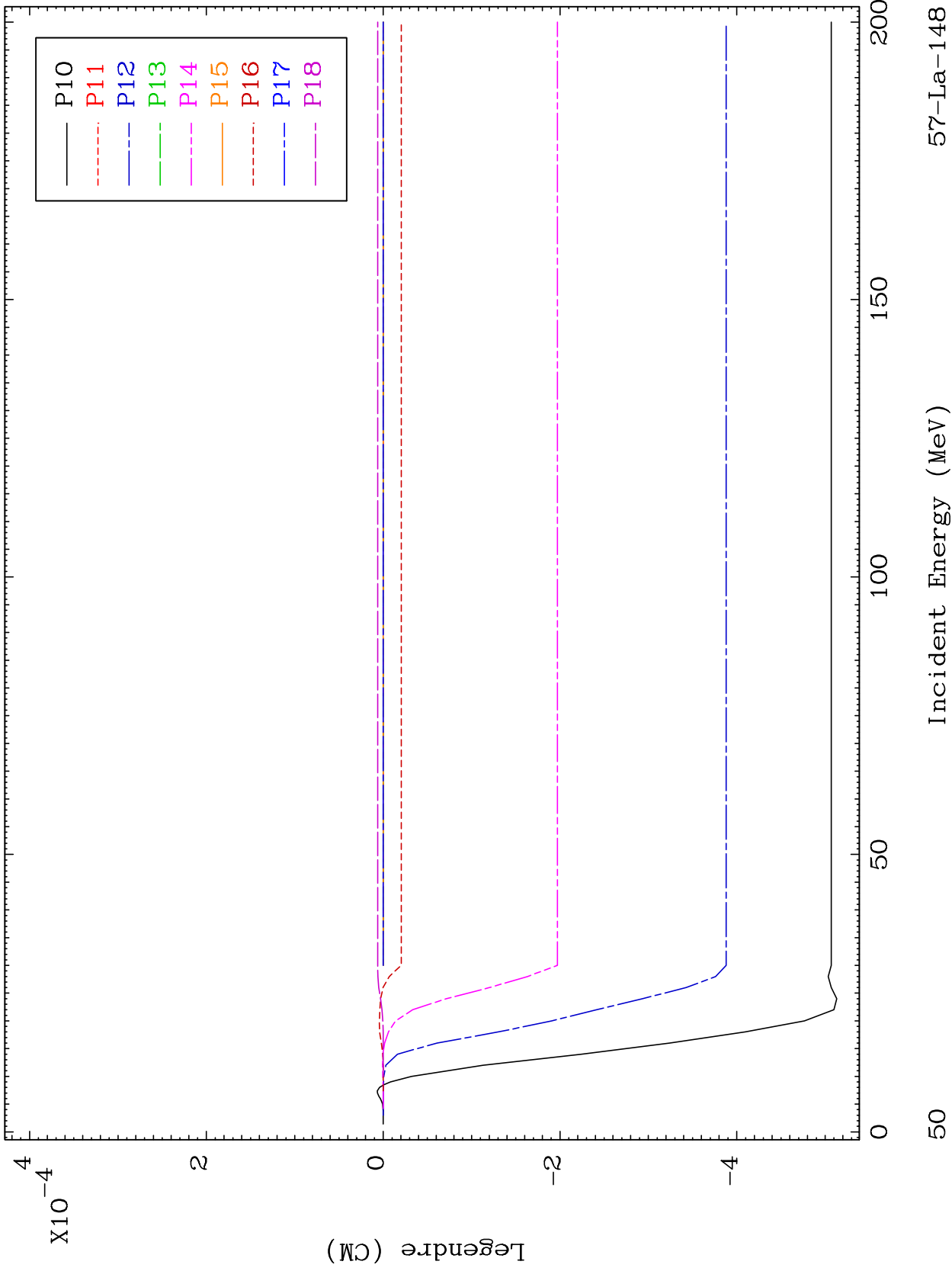




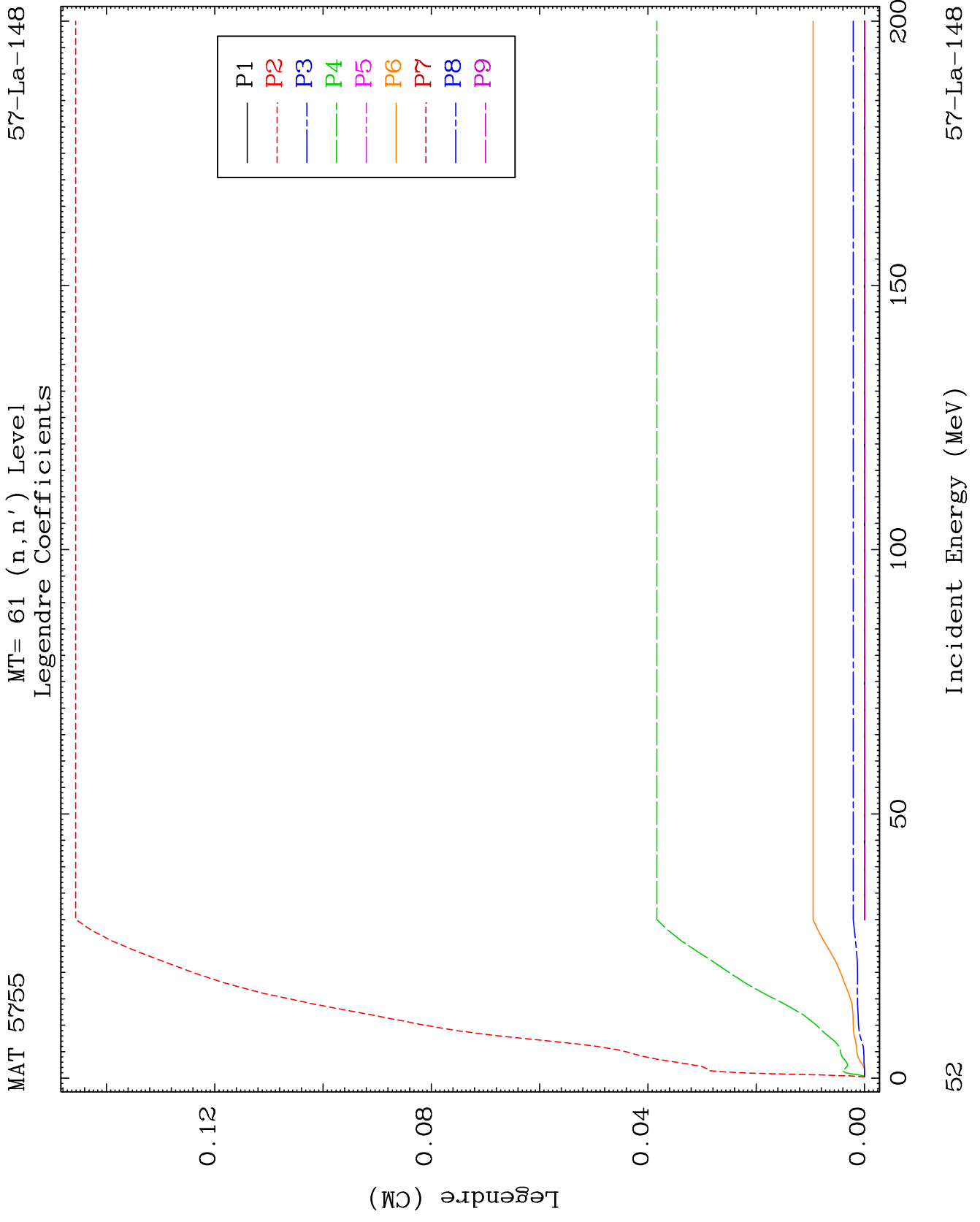
MAT 5755

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

57-La-148



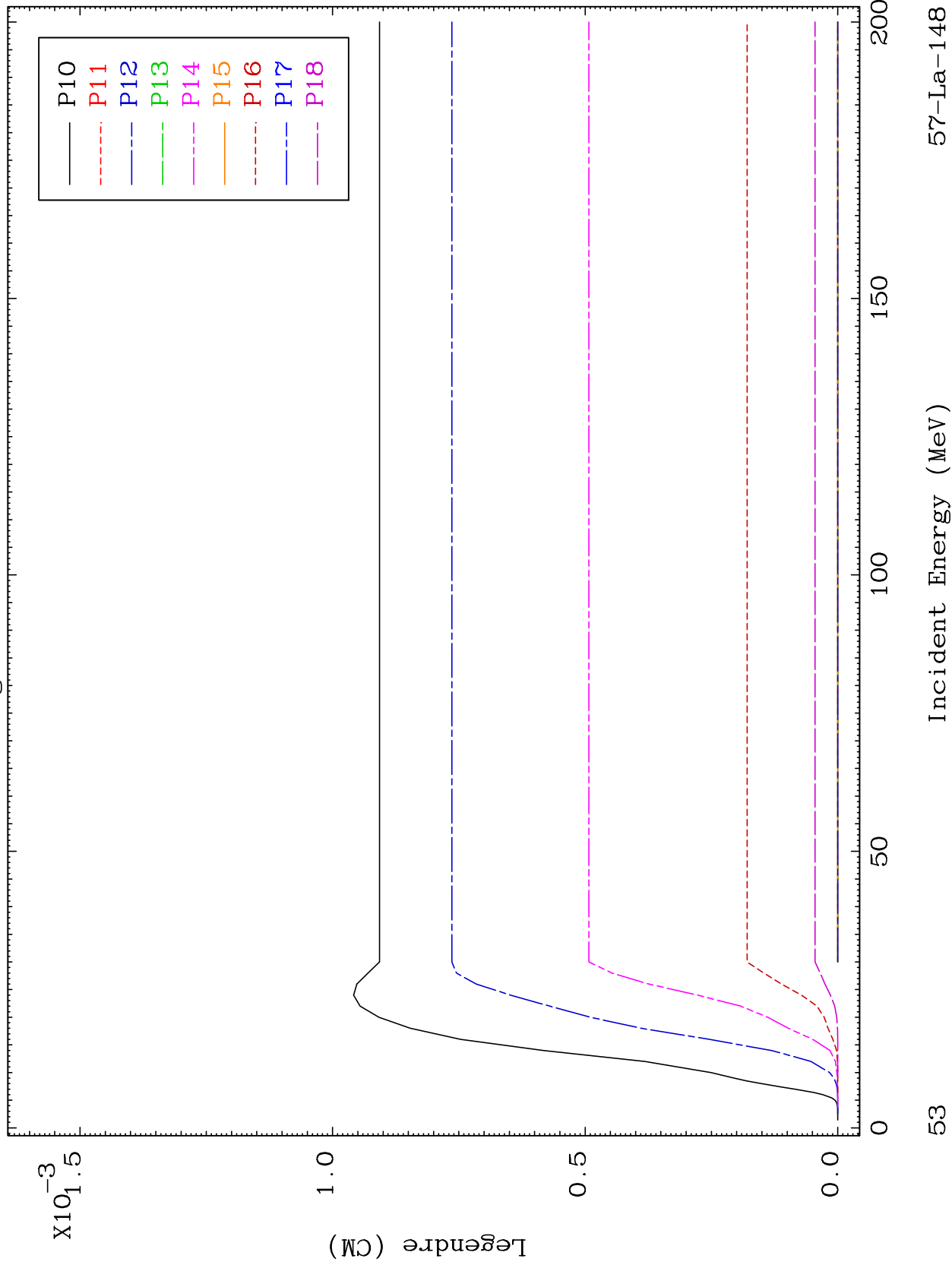




MAT 5755

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

57-La-148

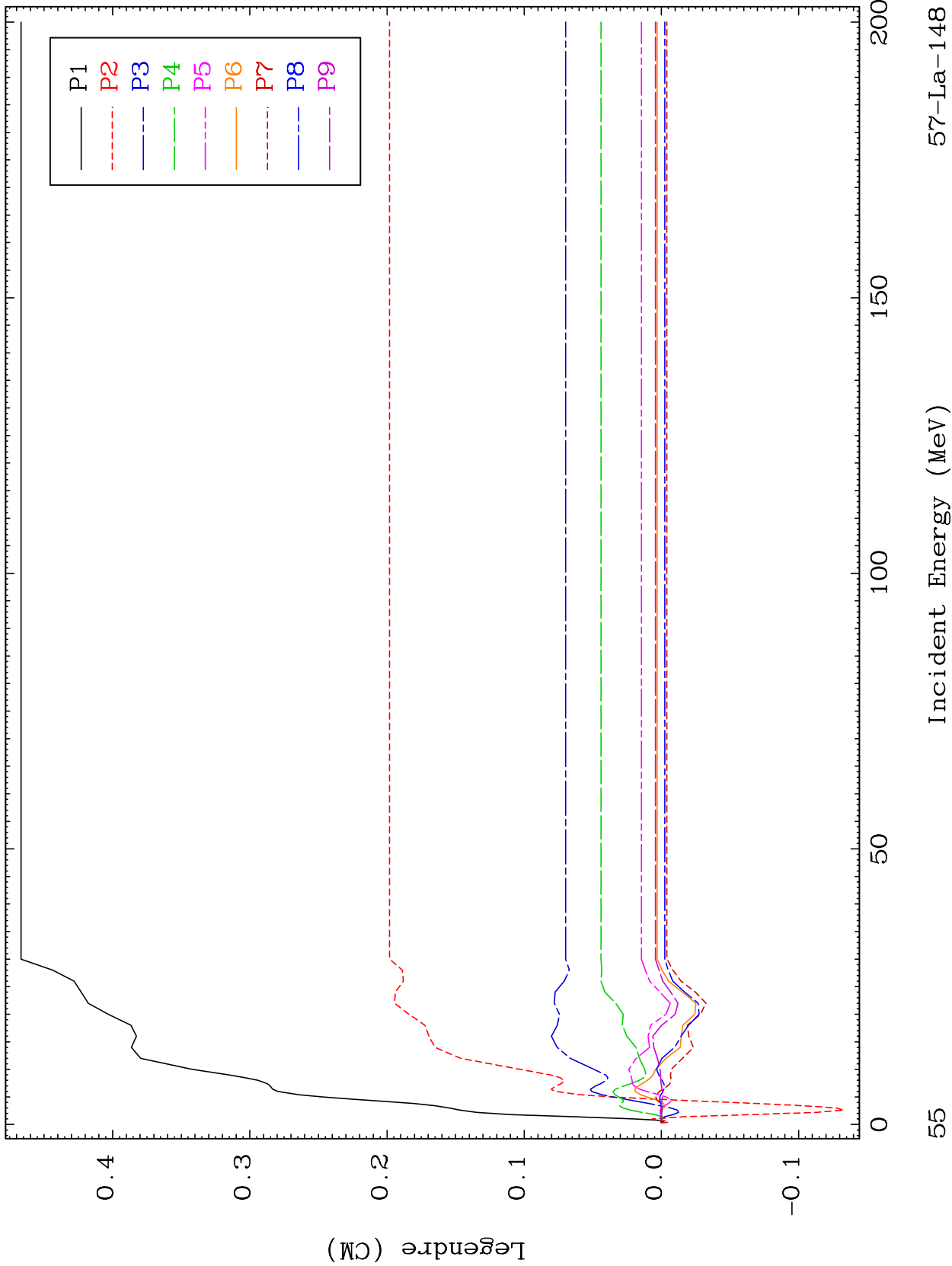




MAT 5755

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

57-La-148



57-La-148

Incident Energy (MeV)

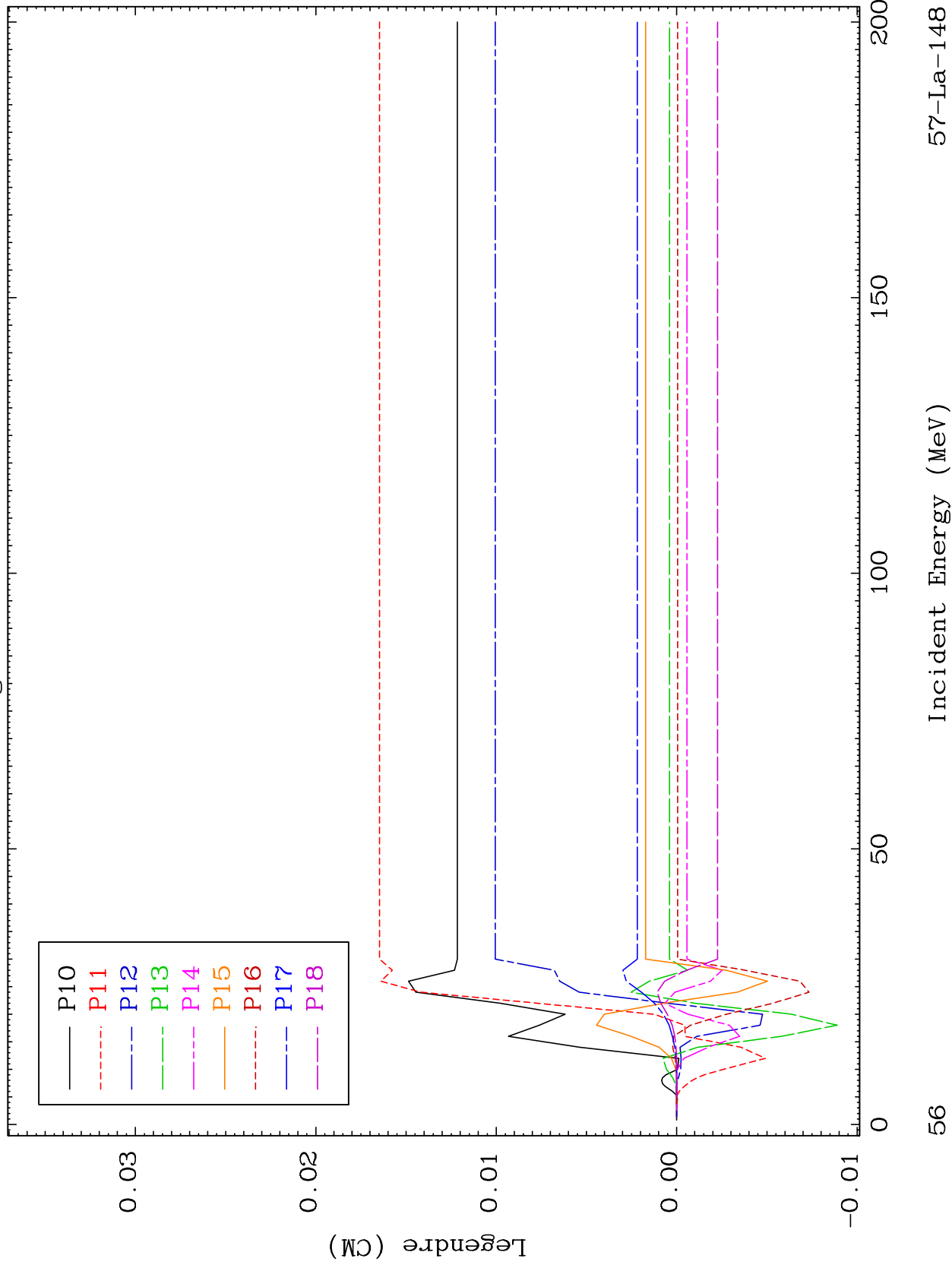
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MAT 5755

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

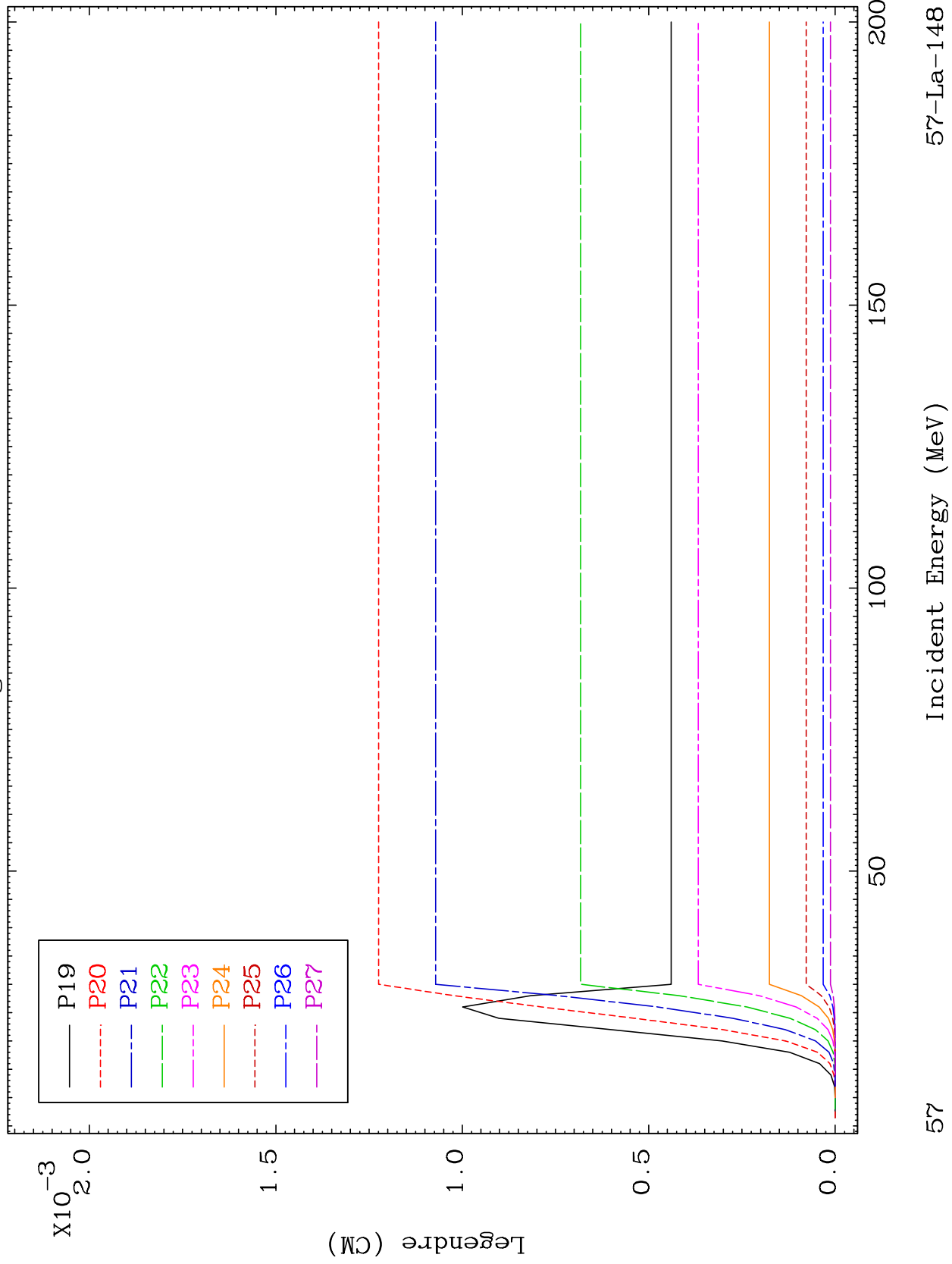
57-La-148



MAT 5755

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

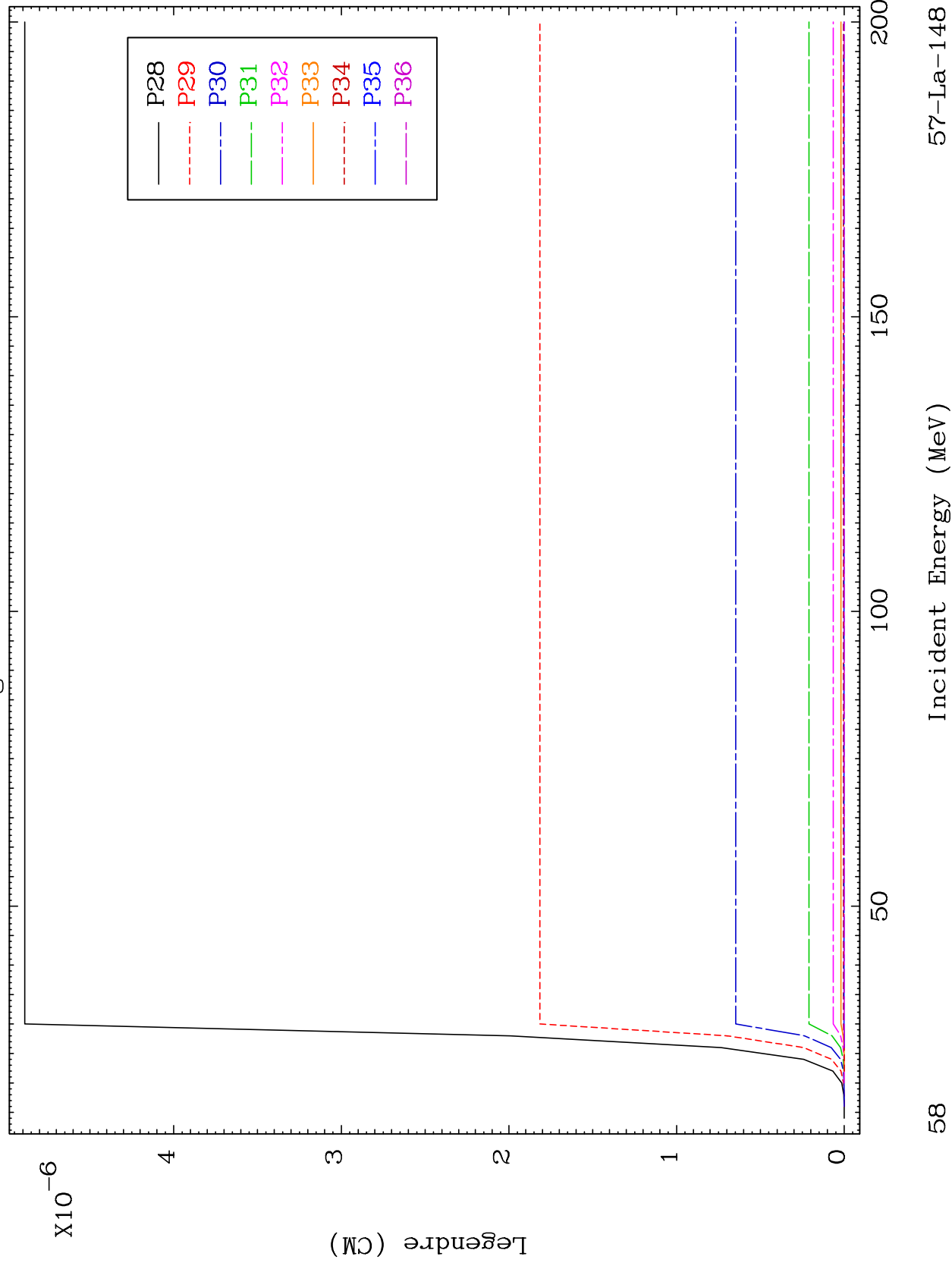
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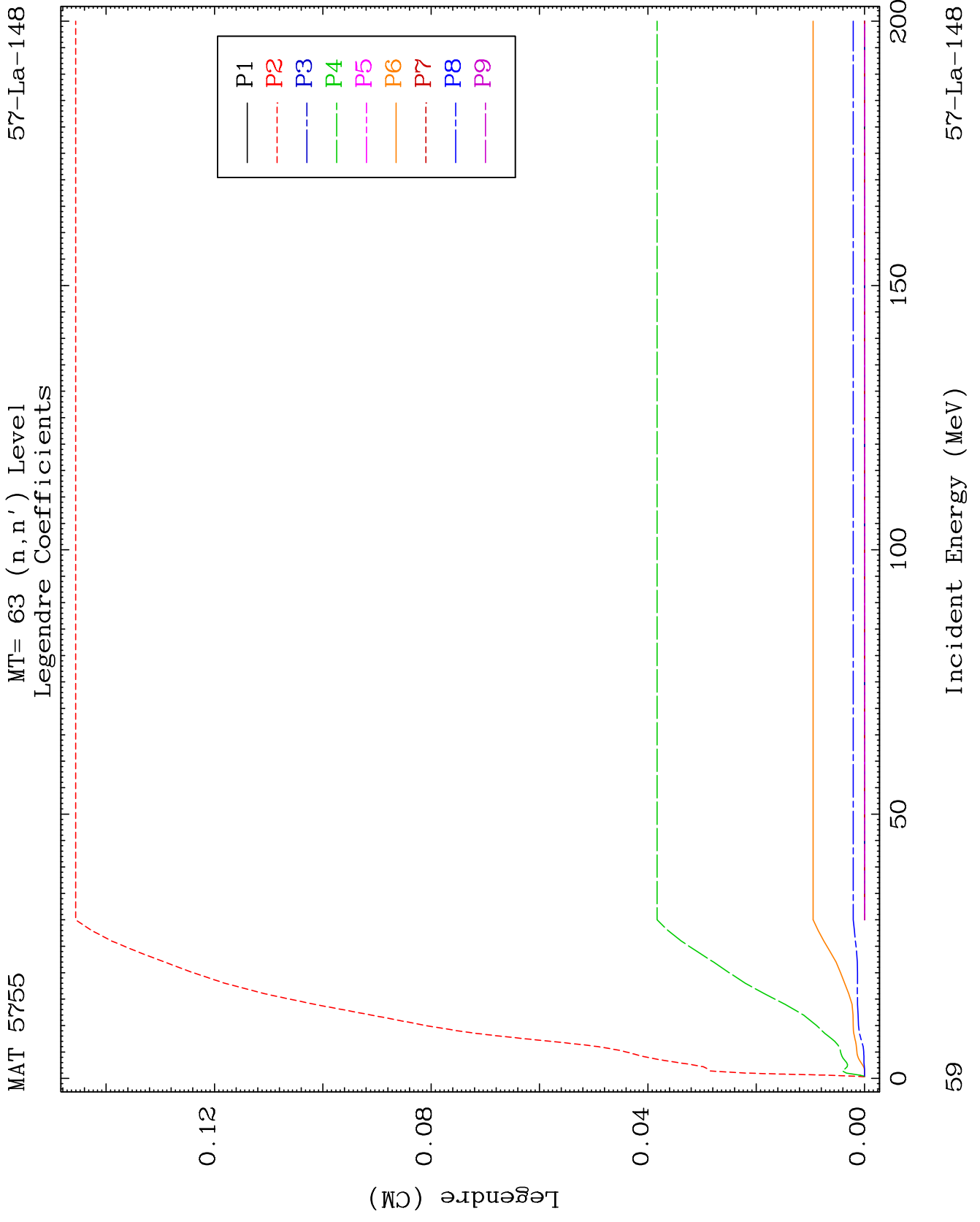


MAT 5755

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

57-La-148

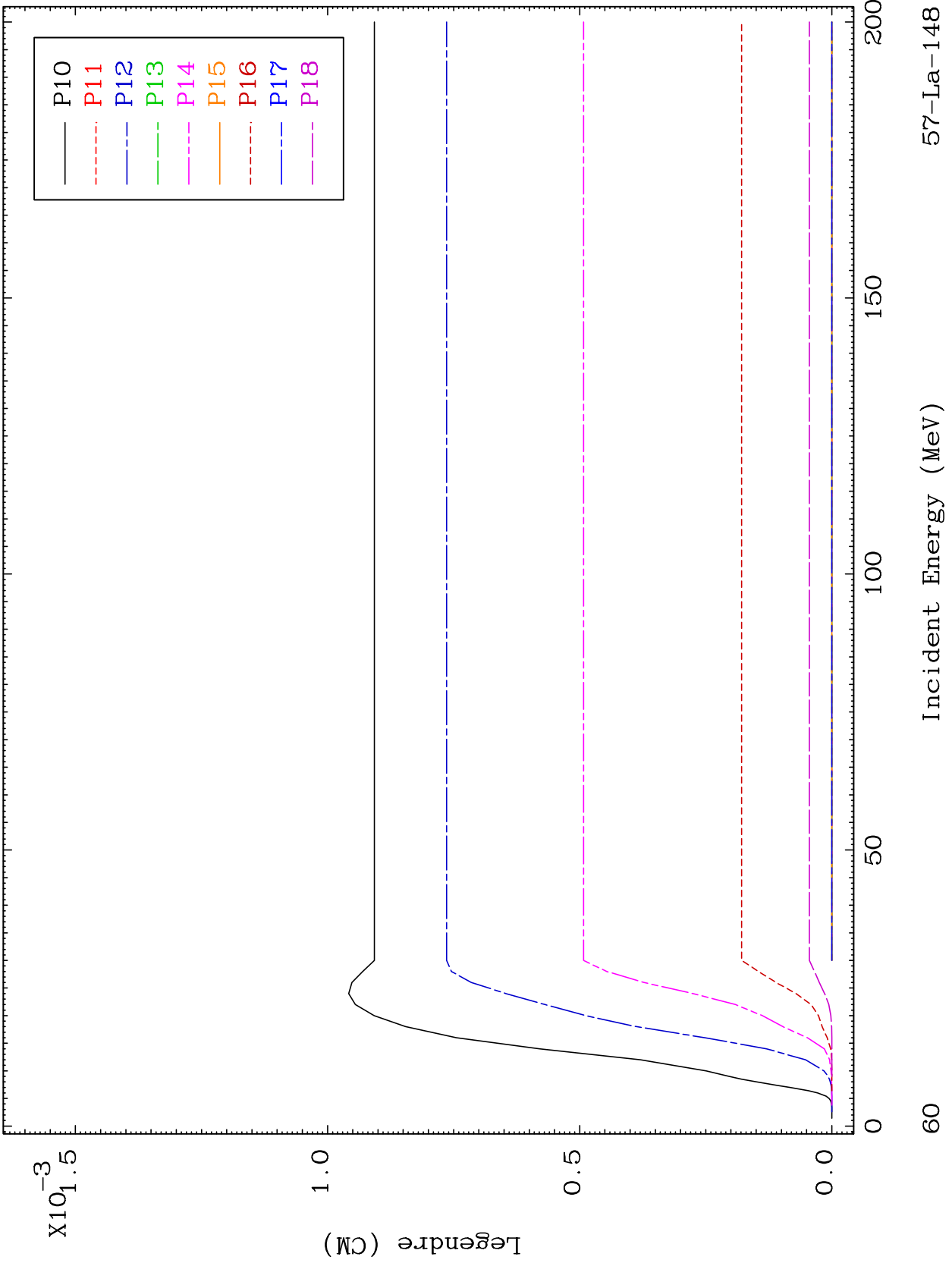


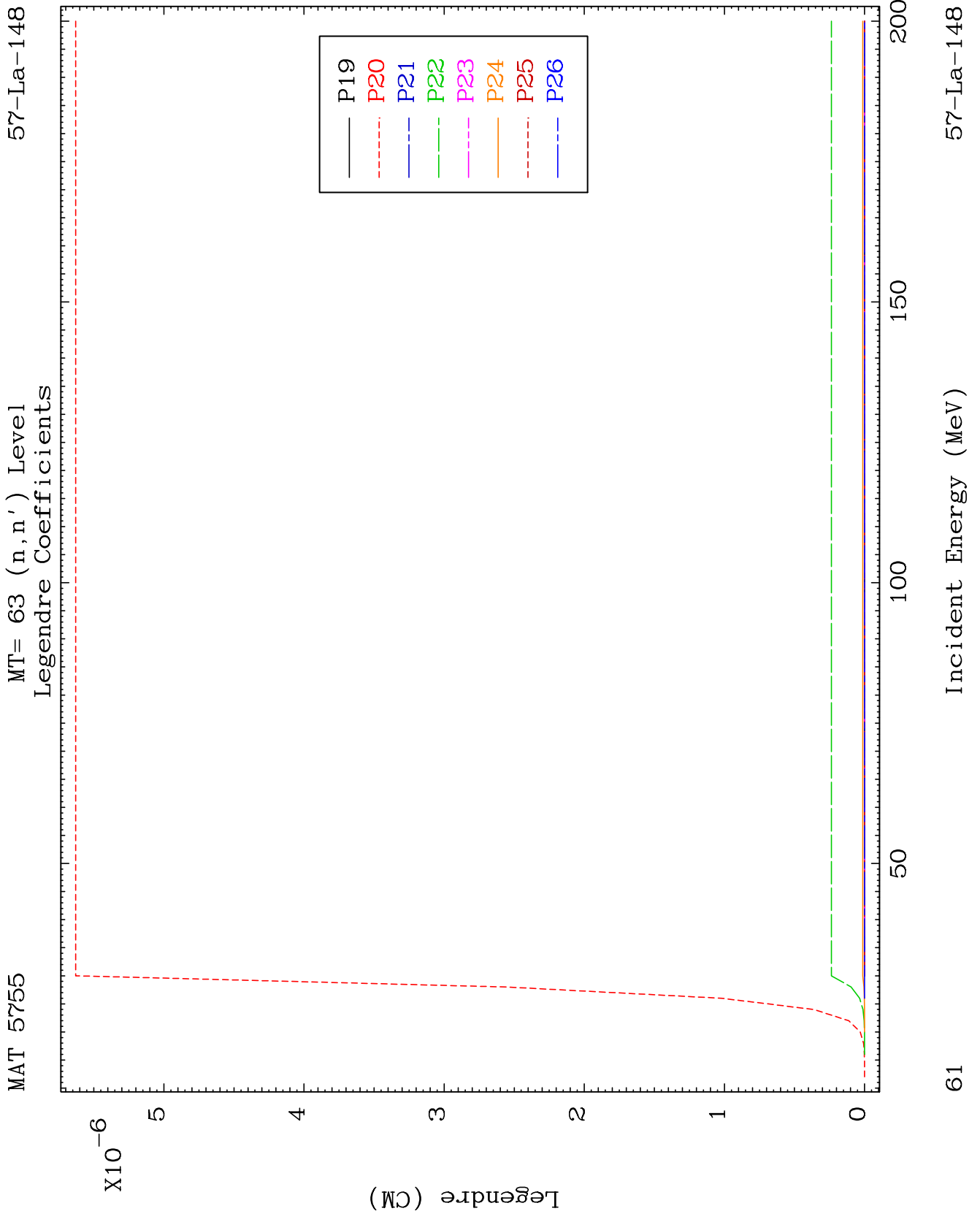


MAT 5755

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

57-La-148

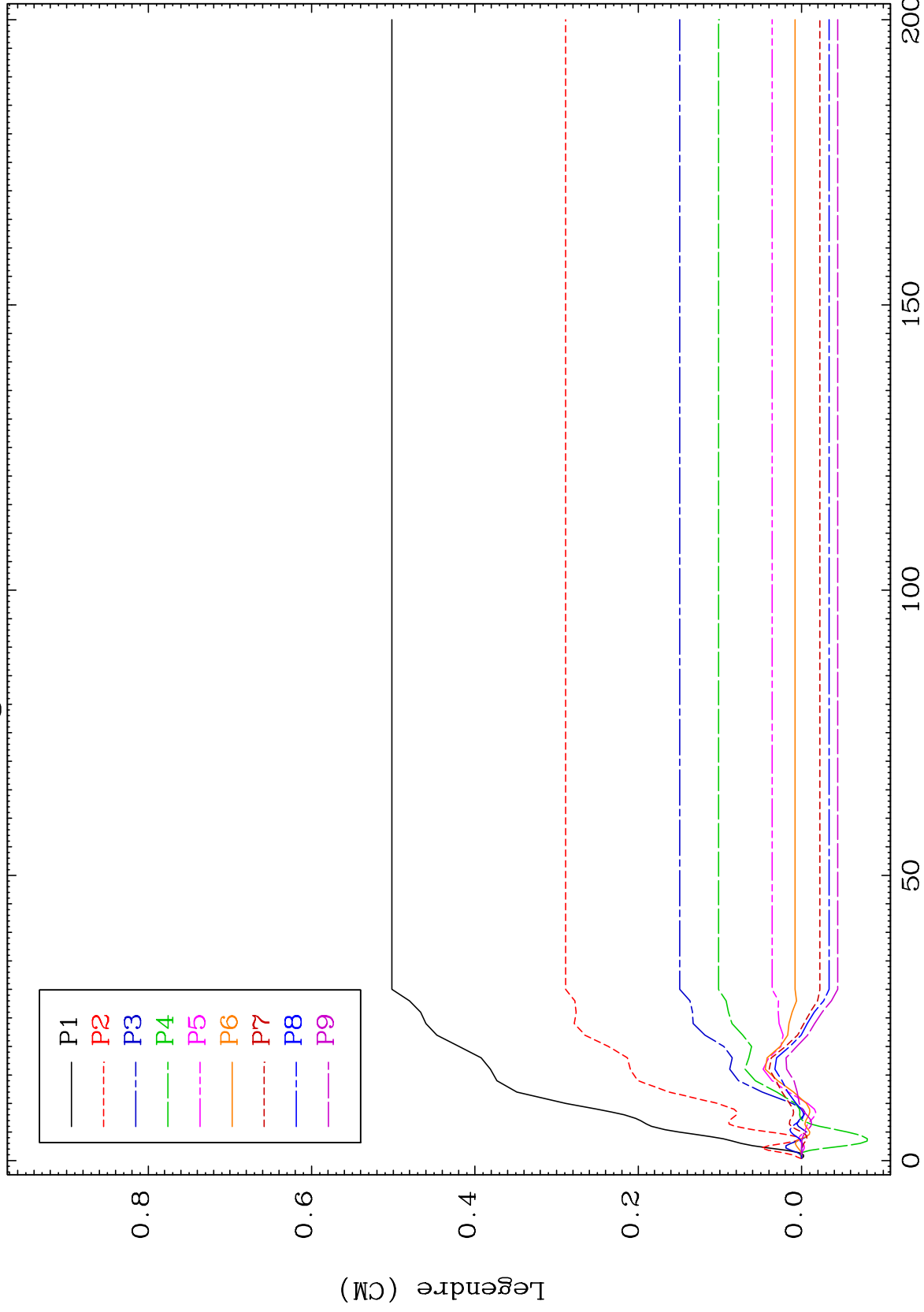




MAT 5755

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

57-La-148



57-La-148

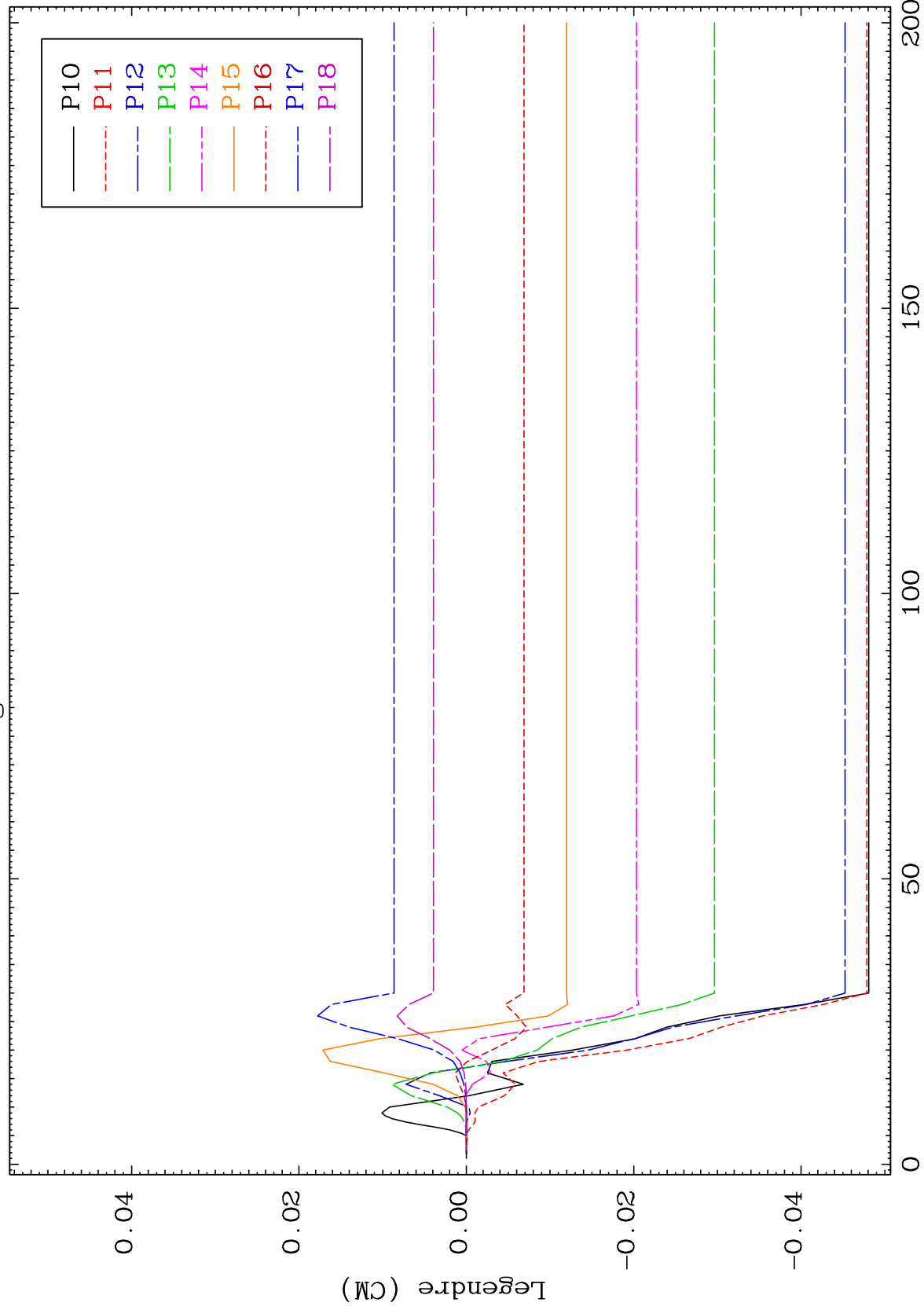
Incident Energy (MeV)

62

MAT 5755

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

57-La-148



63

Incident Energy (MeV)

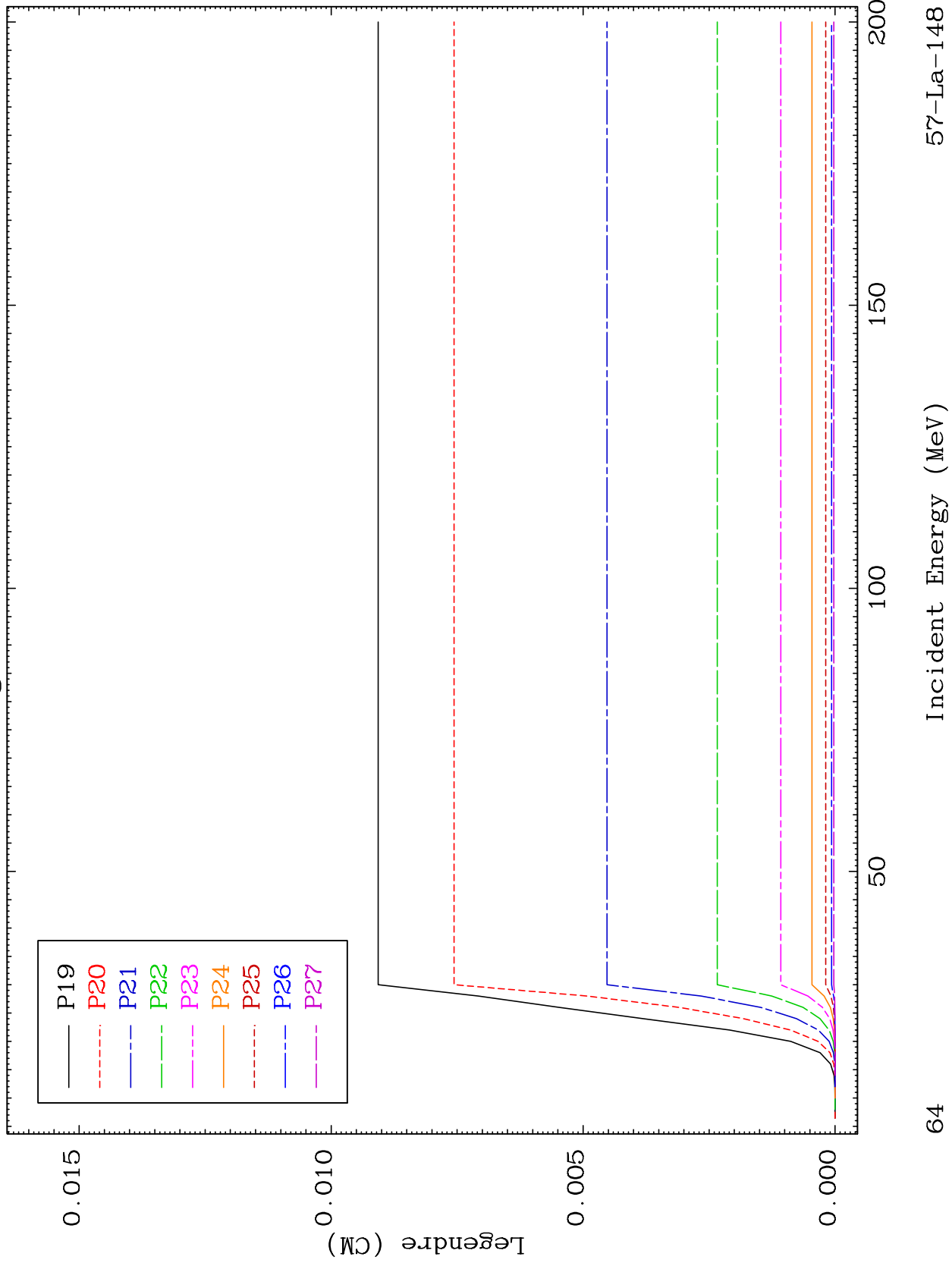
57-La-148



MAT 5755

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

57-La-148



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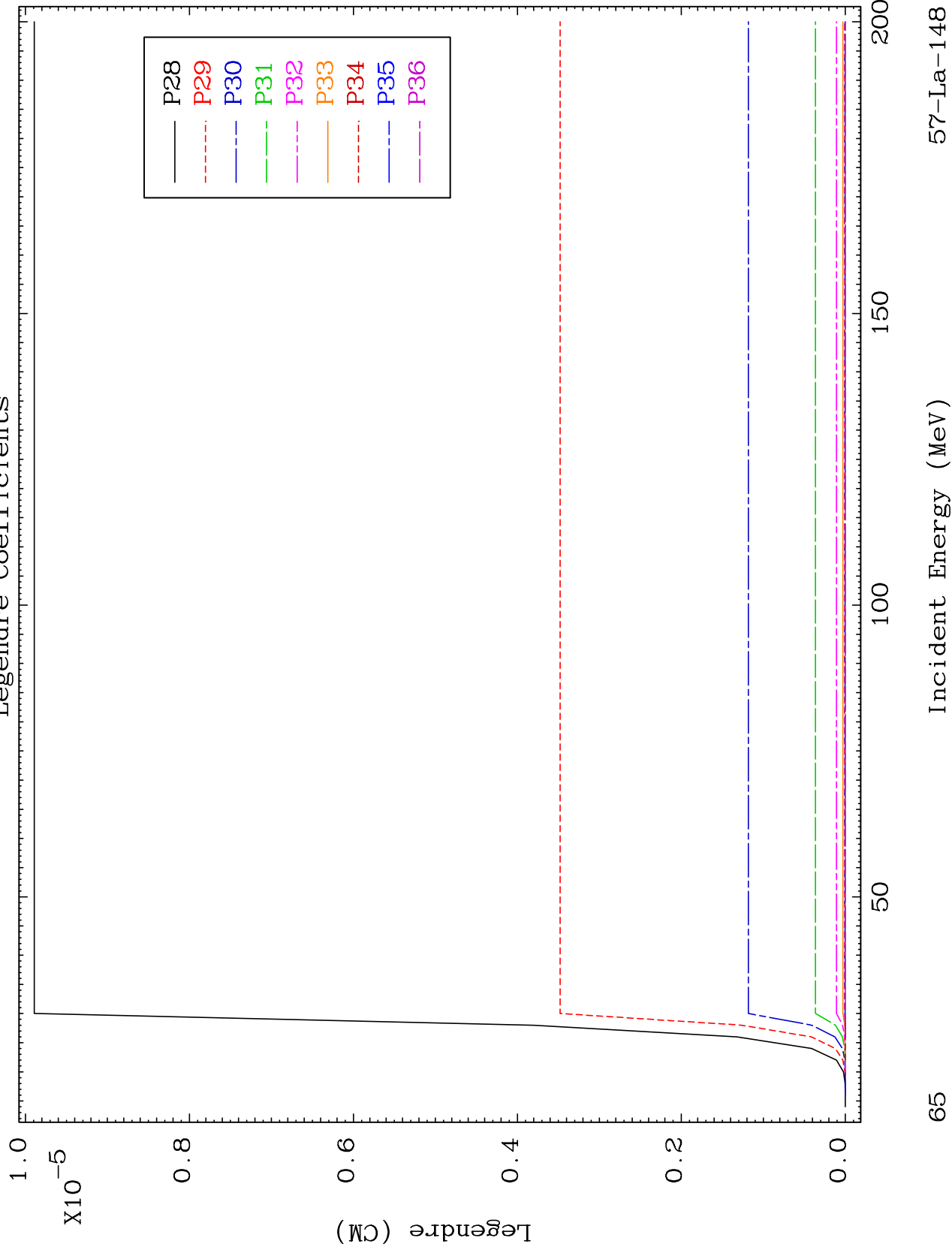
Incident Energy (MeV)

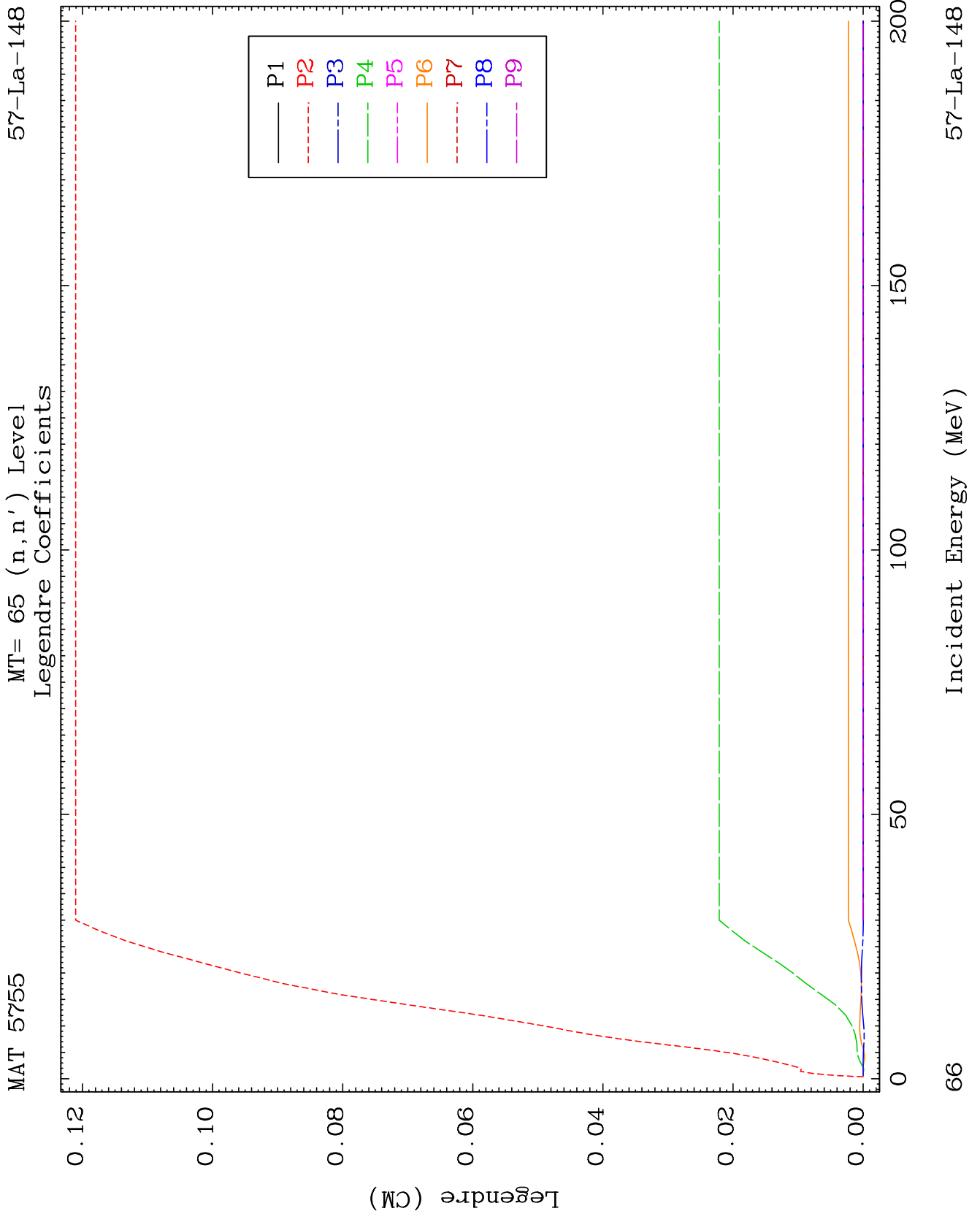
57-La-148

MAT 5755

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

57-La-148





57-La-148

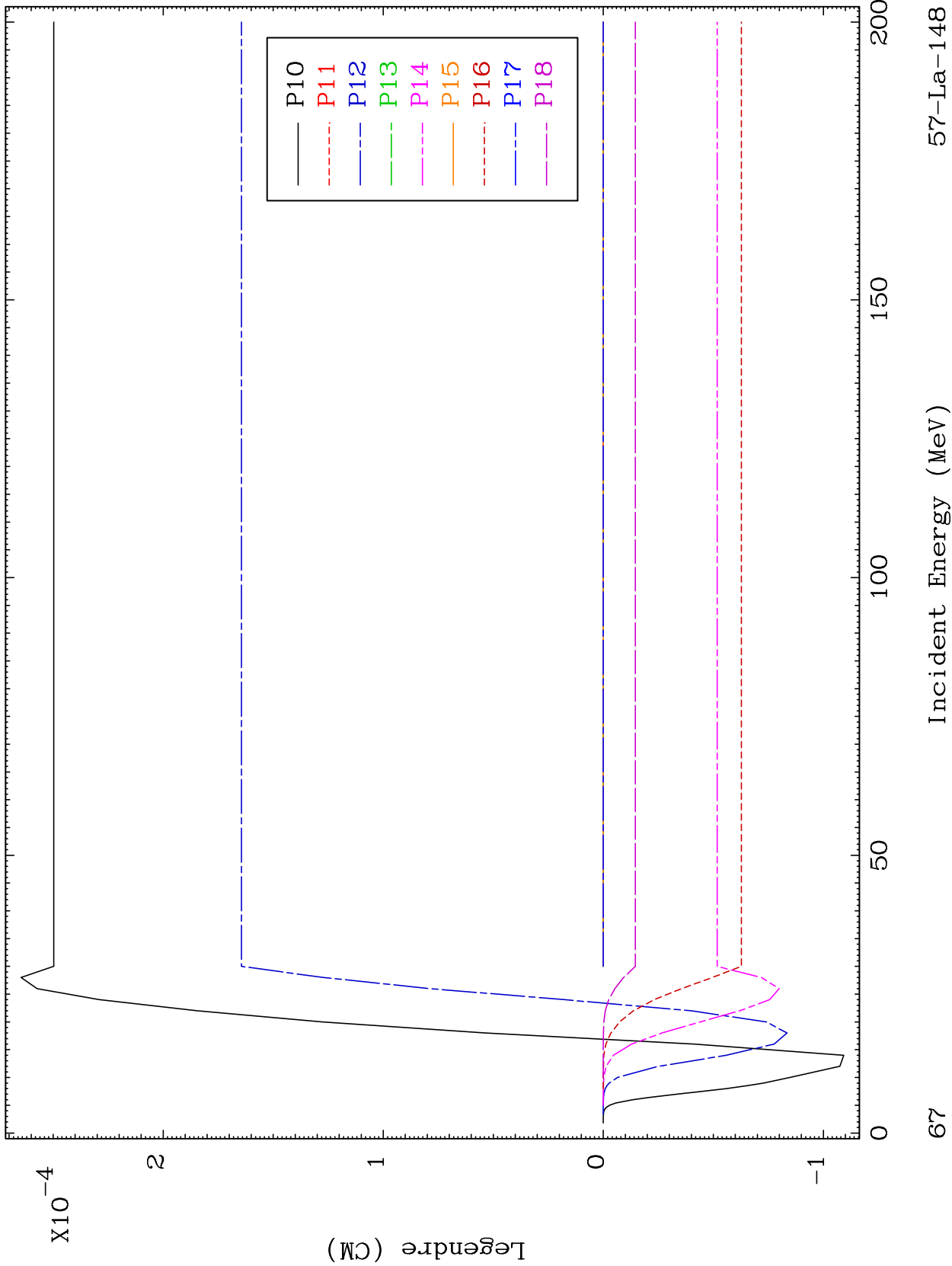
Incident Energy (MeV)

66

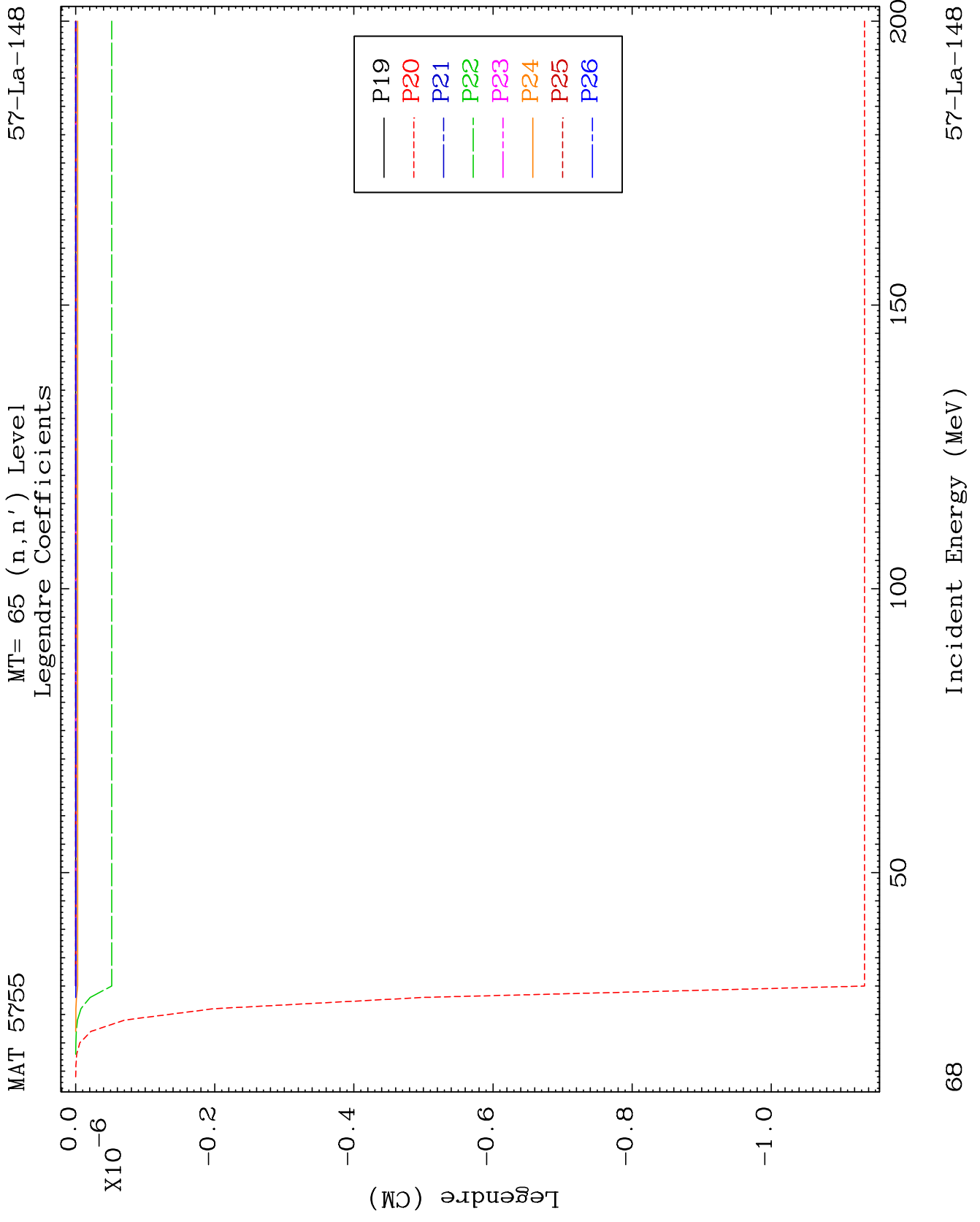
MAT 5755

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

57-La-148



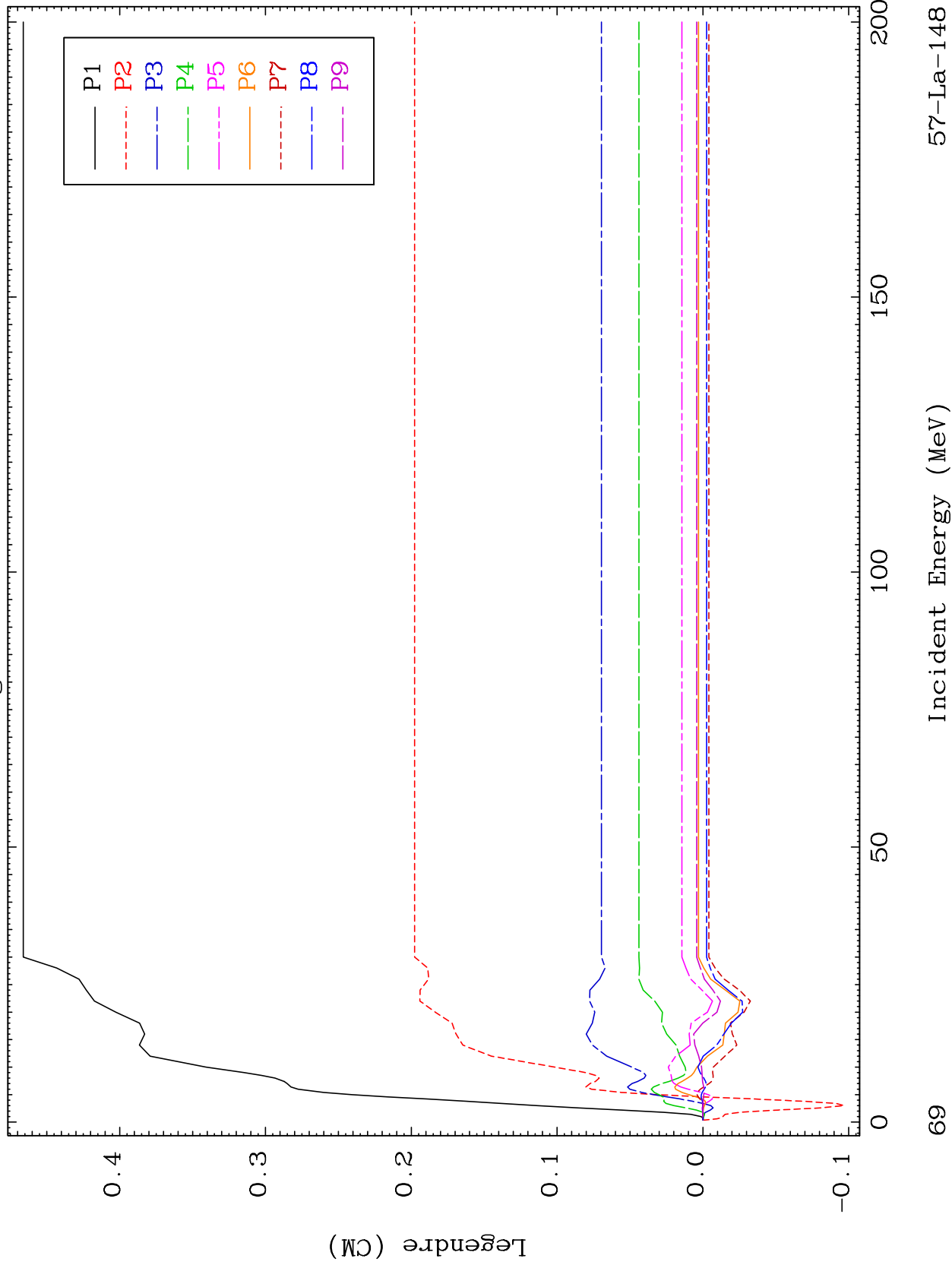
57-La-148



MAT 5755

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

57-La-148



57-La-148

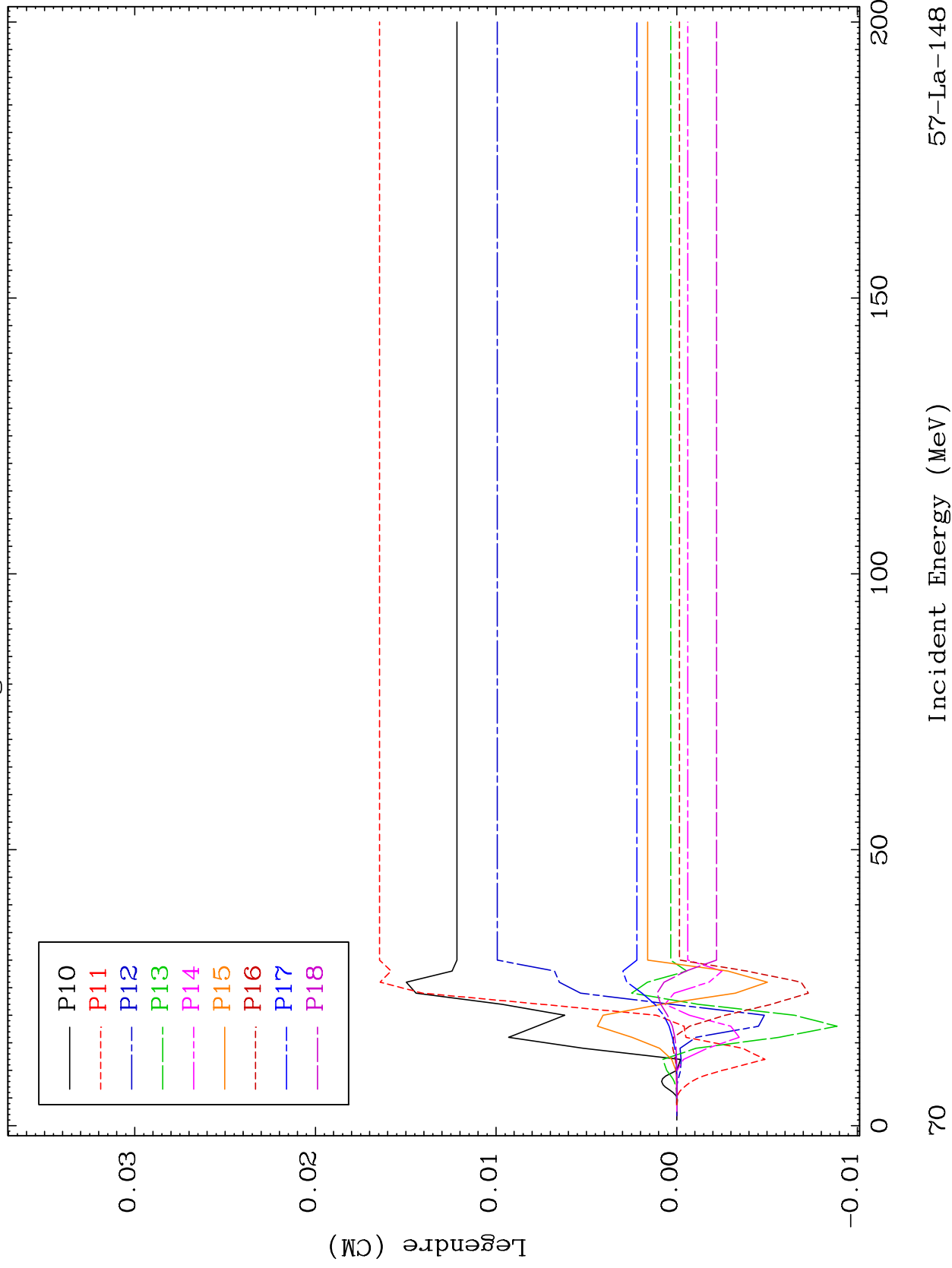
Incident Energy (MeV)

69

MAT 5755

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

57-La-148



57-La-148

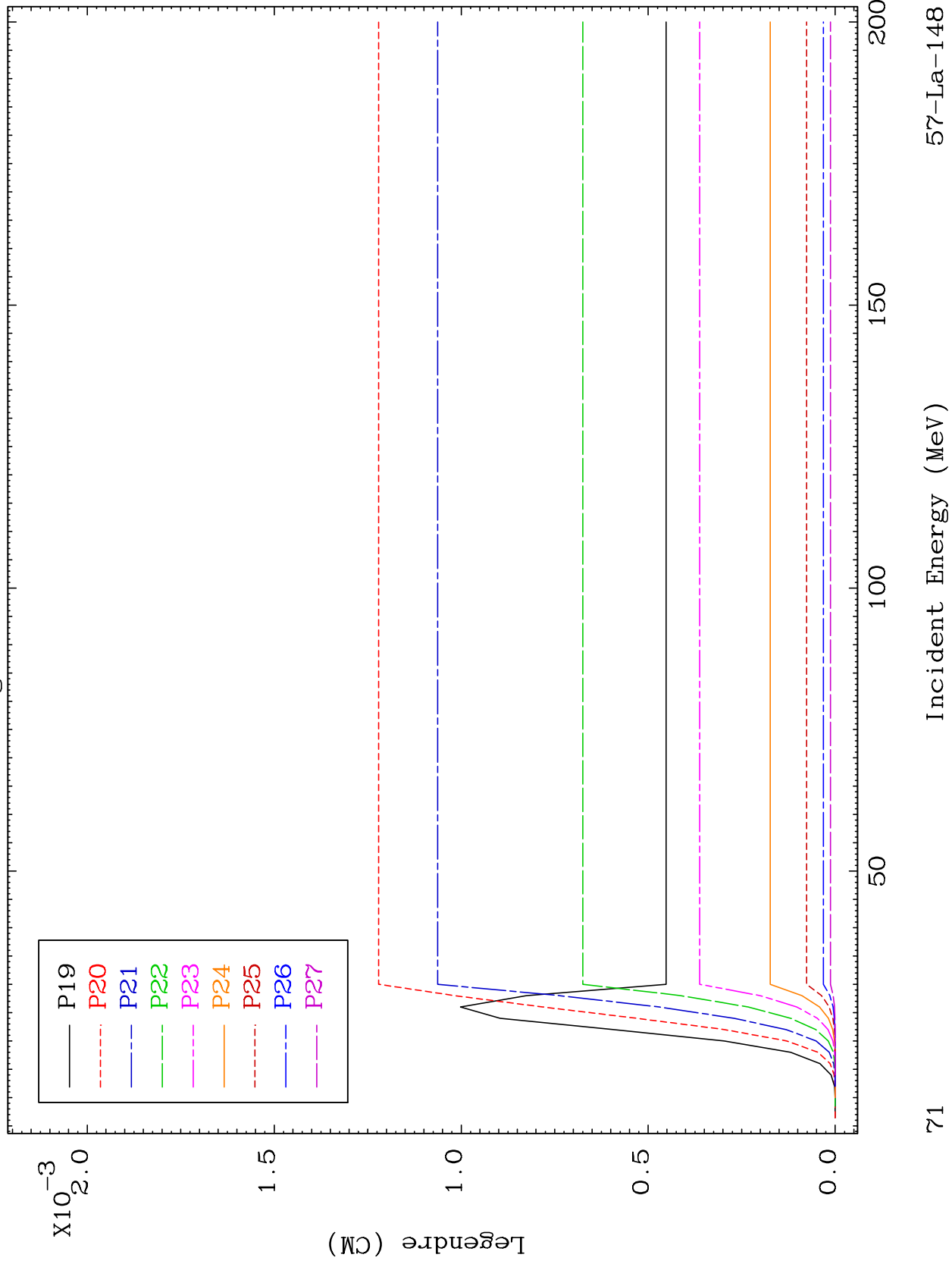
Incident Energy (MeV)

70

MAT 5755

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

57-La-148



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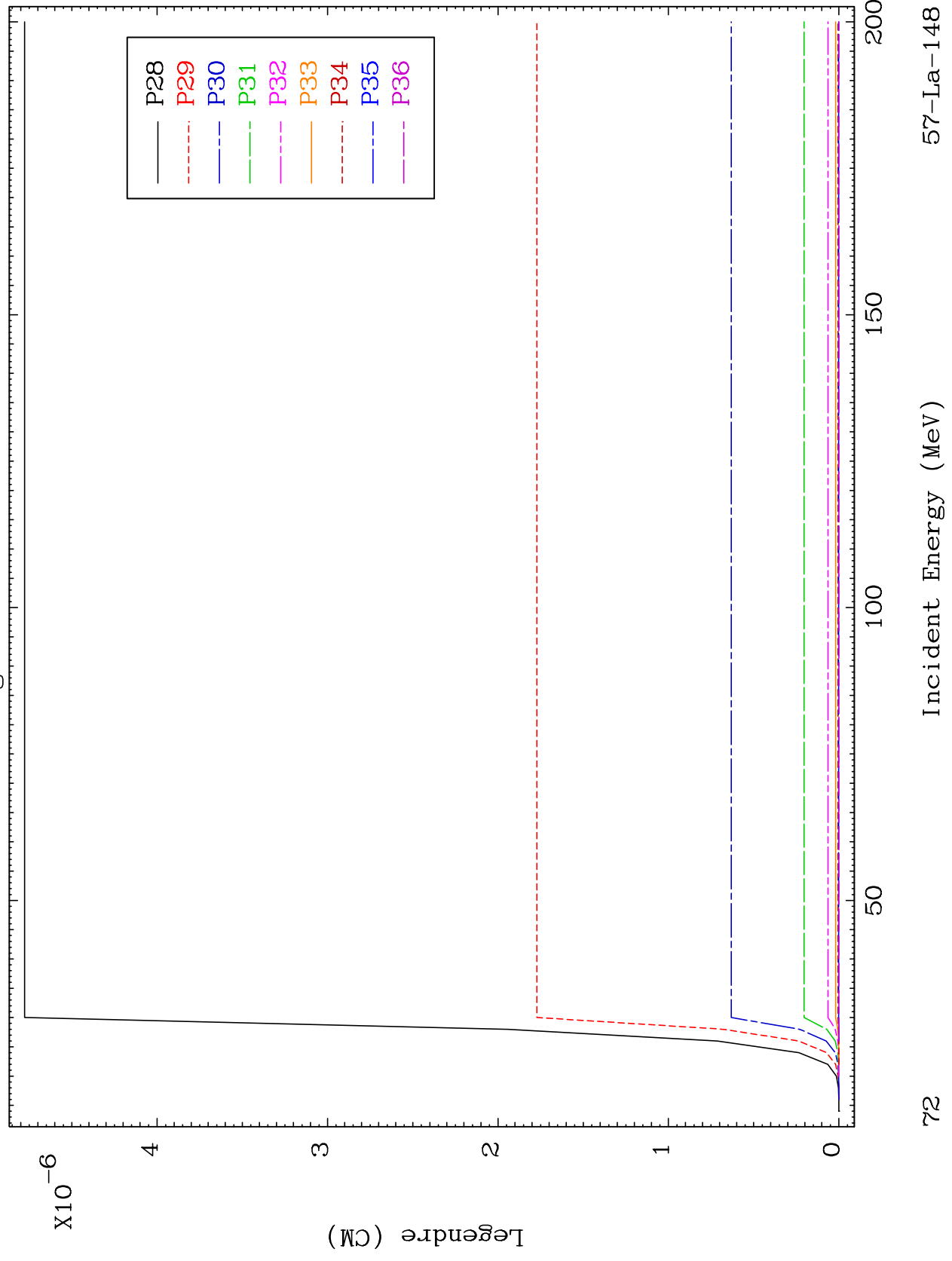
57-La-148



MAT 5755

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

57-La-148



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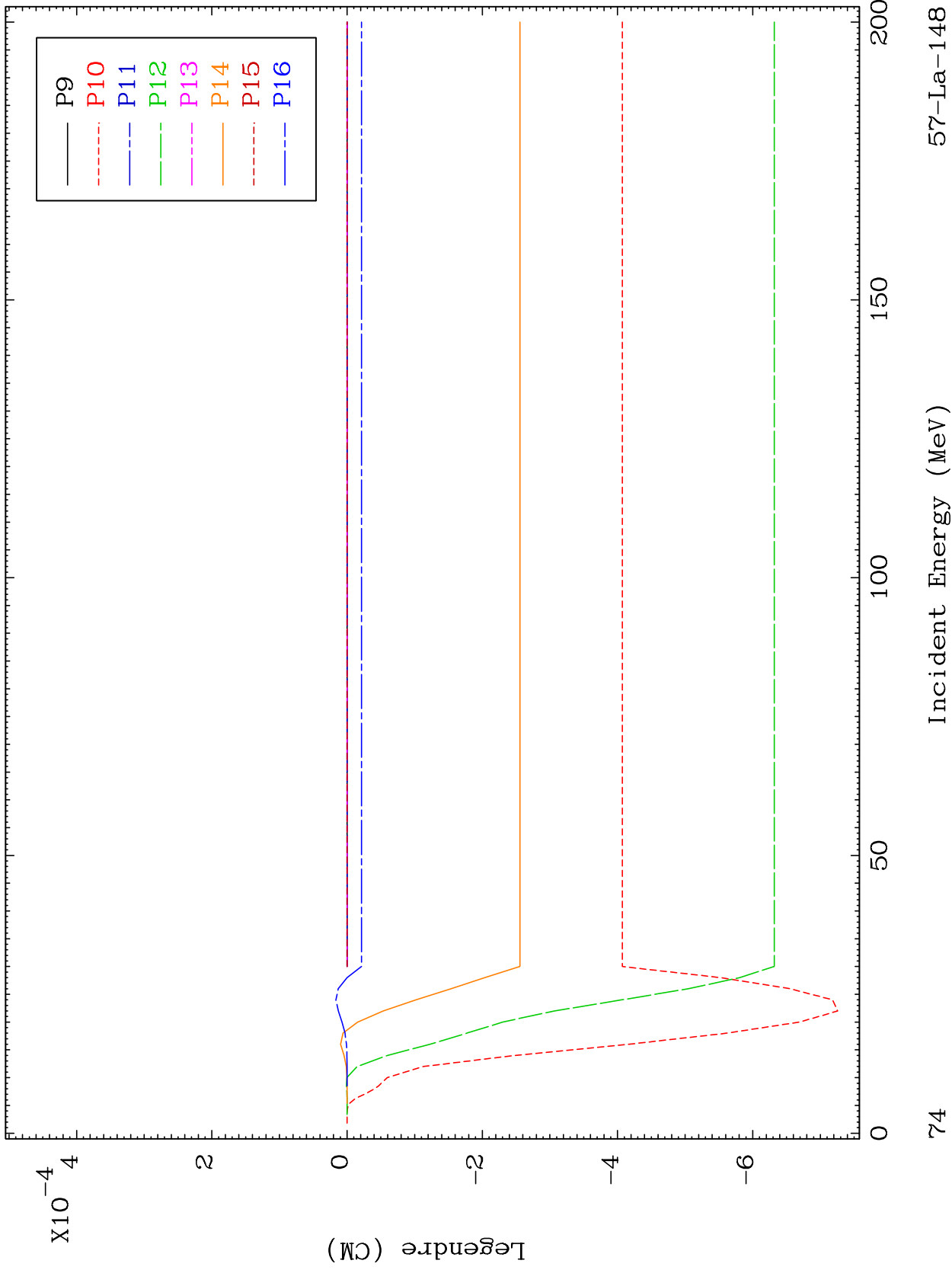
57-La-148



MAT 5755

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

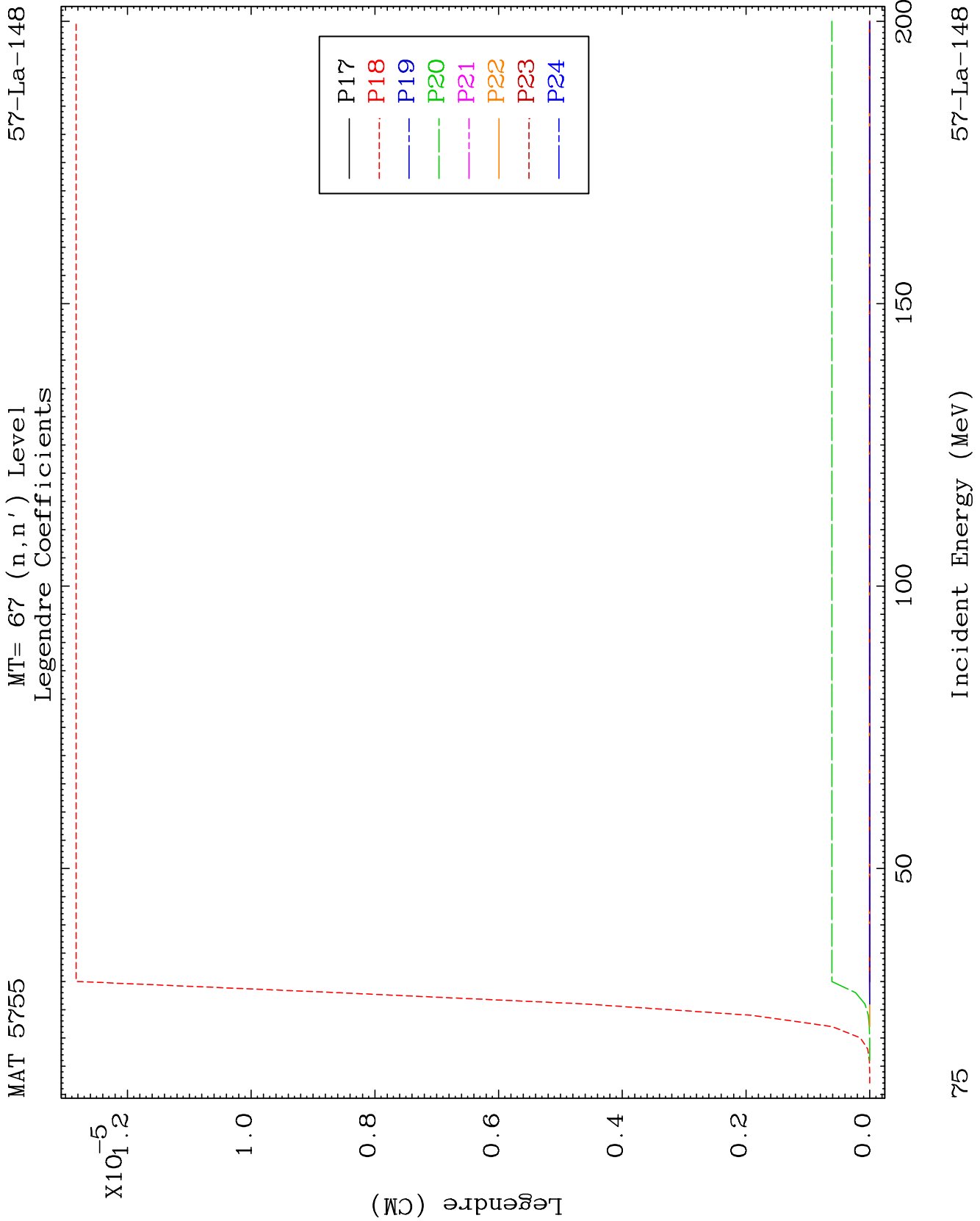
57-La-148



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Incident Energy (MeV)

57-La-148

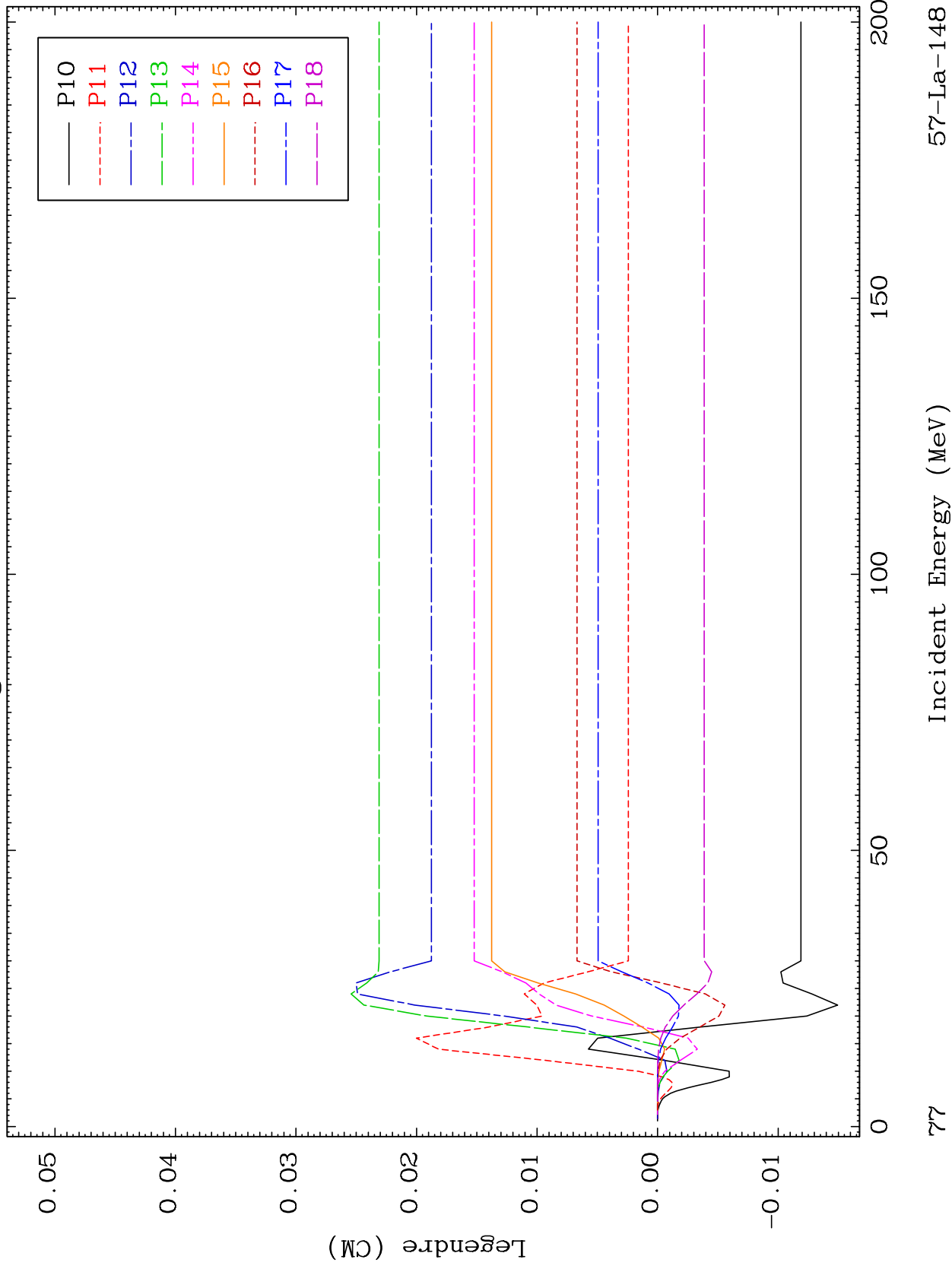




MAT 5755

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

57-La-148



57-La-148

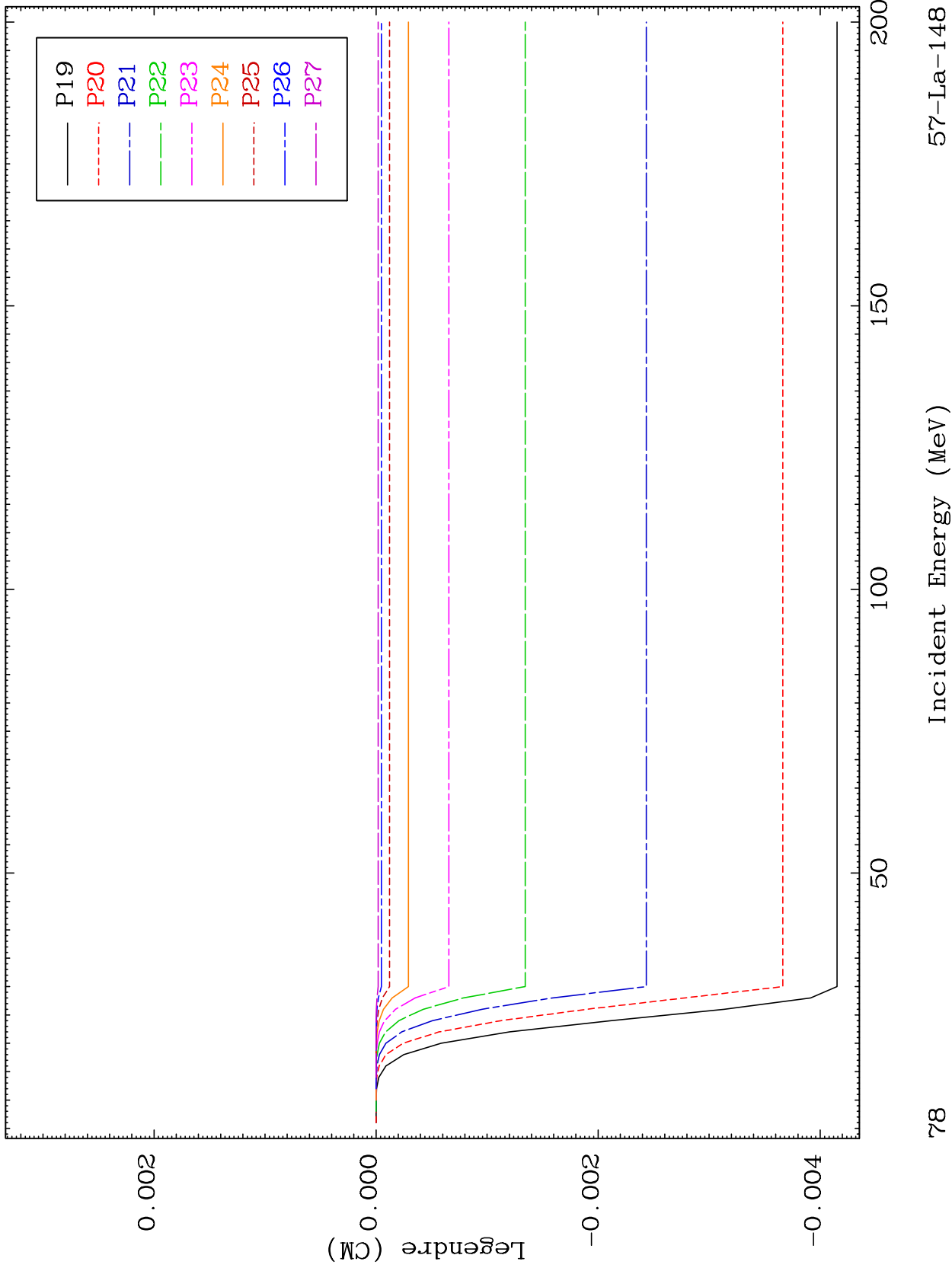
Incident Energy (MeV)

77

MAT 5755

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

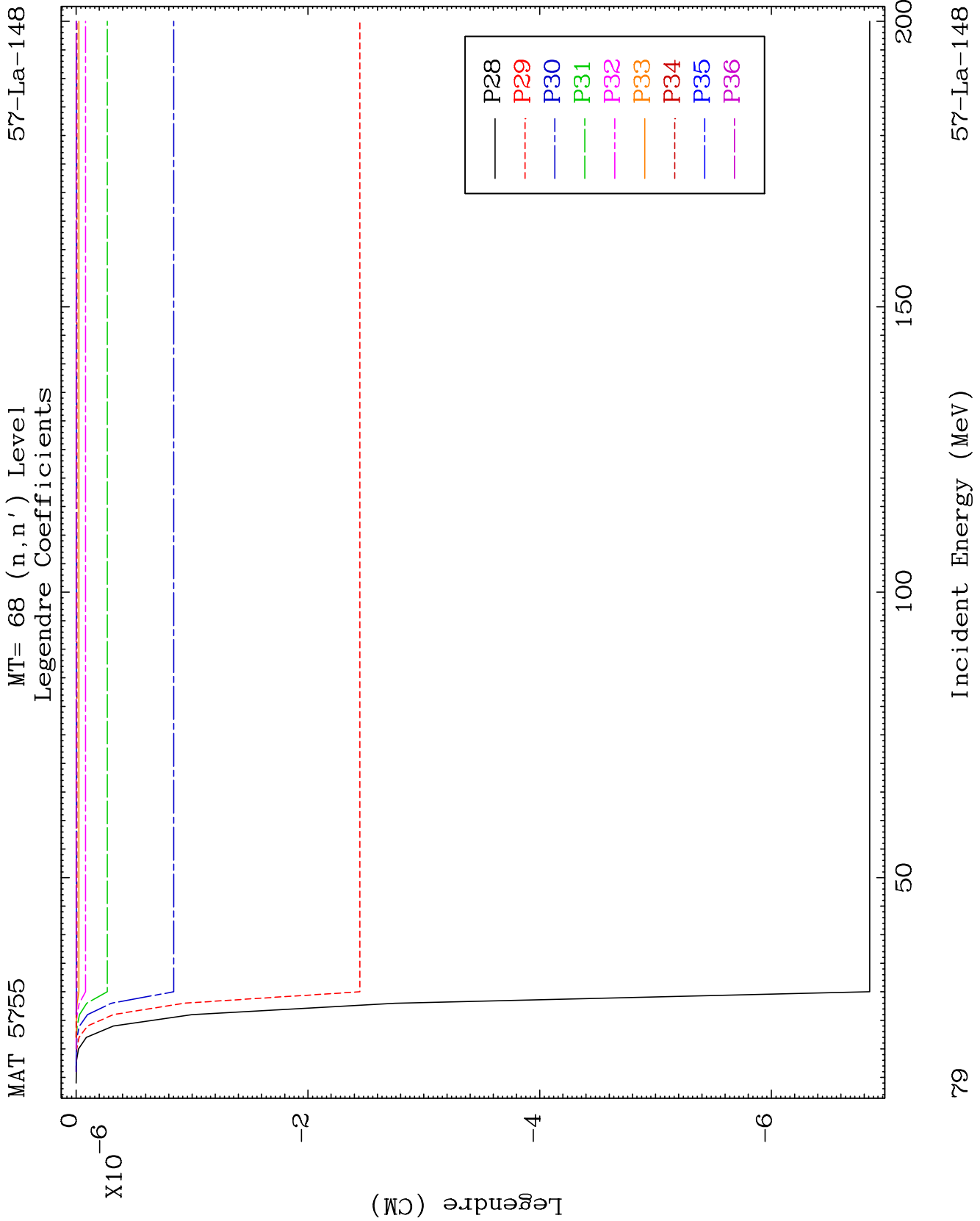
57-La-148



78

Incident Energy (MeV)

57-La-148



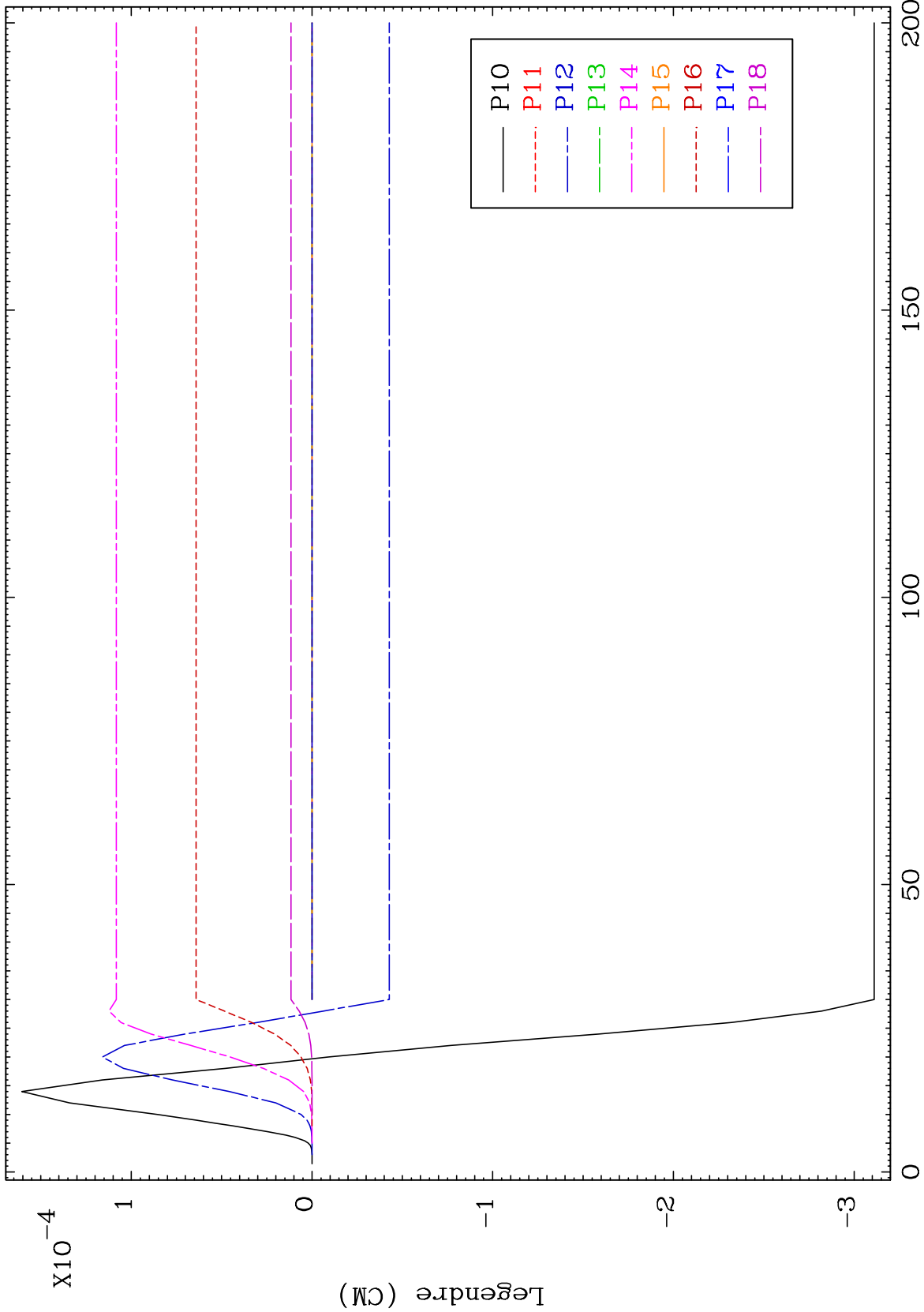




MAT 5755

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

57-La-148



81

Incident Energy (MeV)

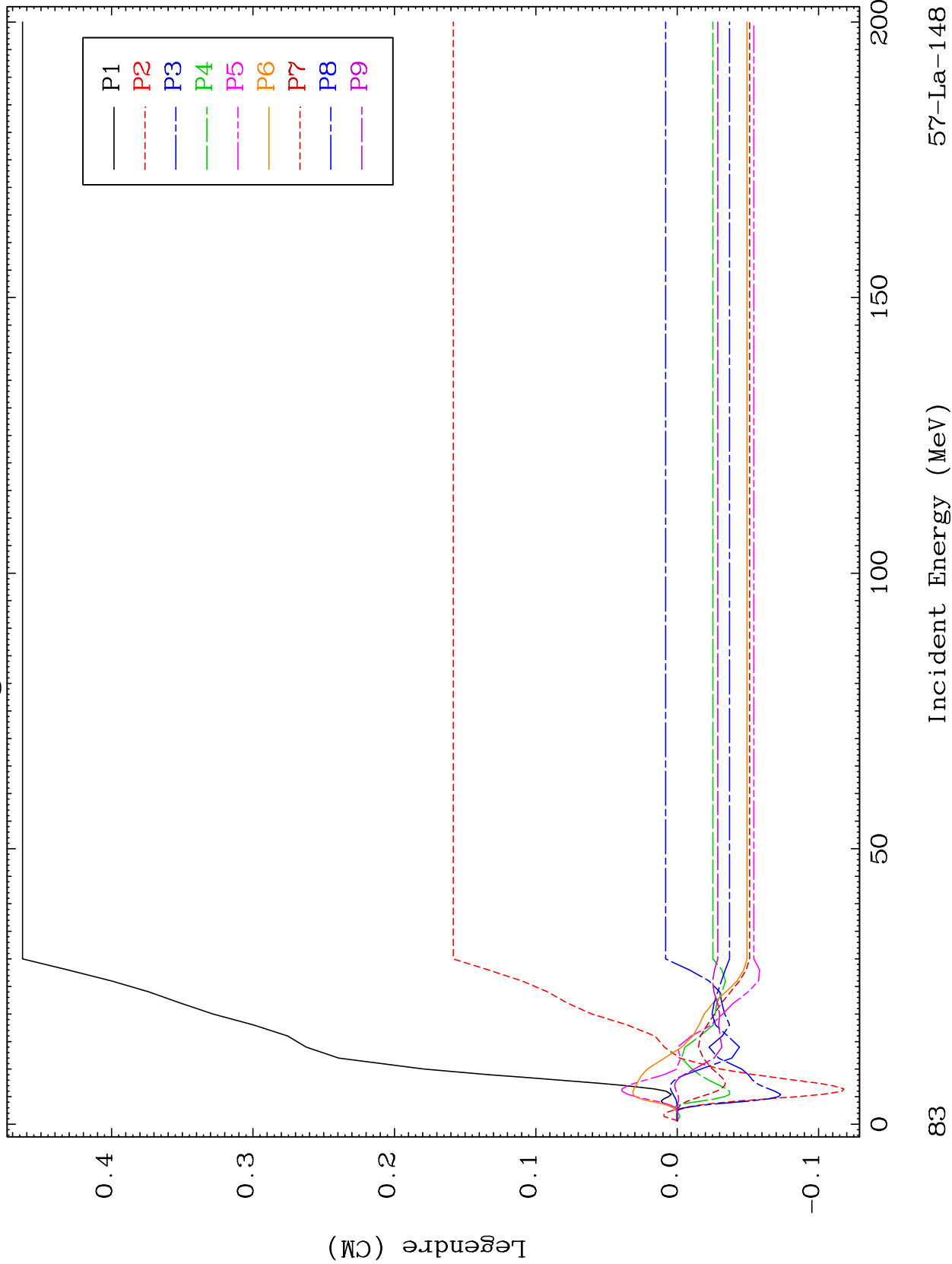
57-La-148



MAT 5755

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

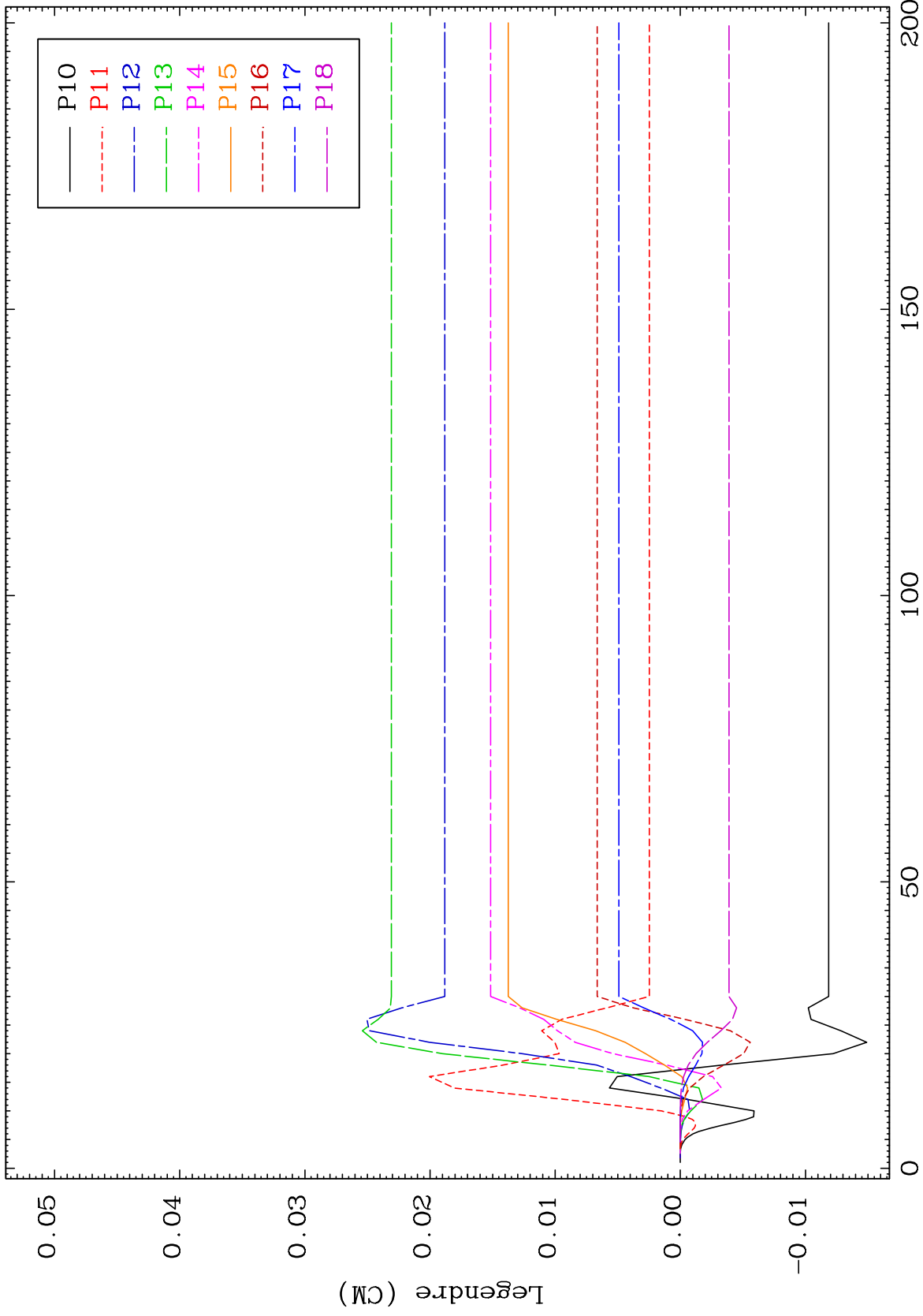
57-La-148



MAT 5755

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

57-La-148



84

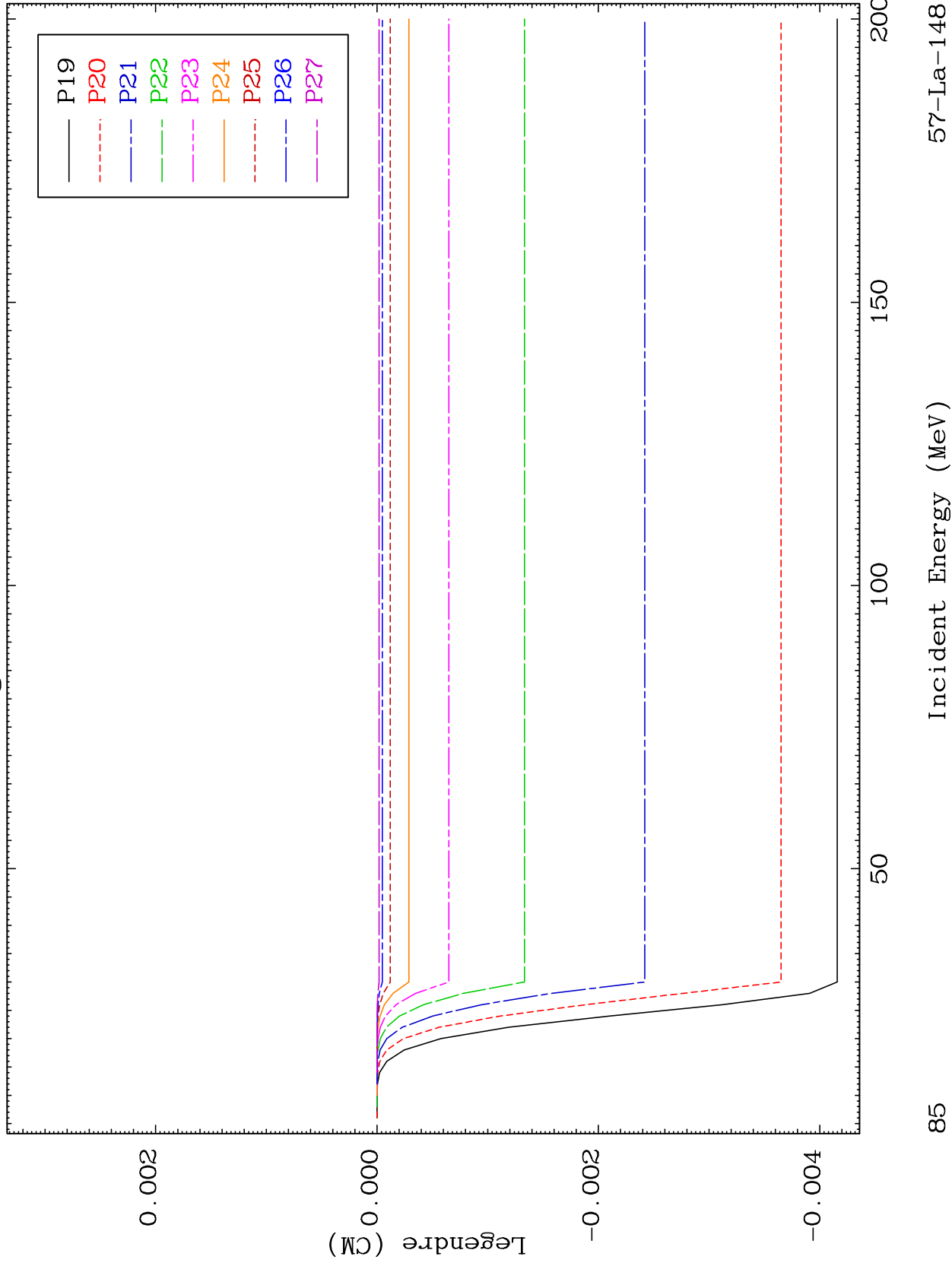
Incident Energy (MeV)

57-La-148

MAT 5755

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

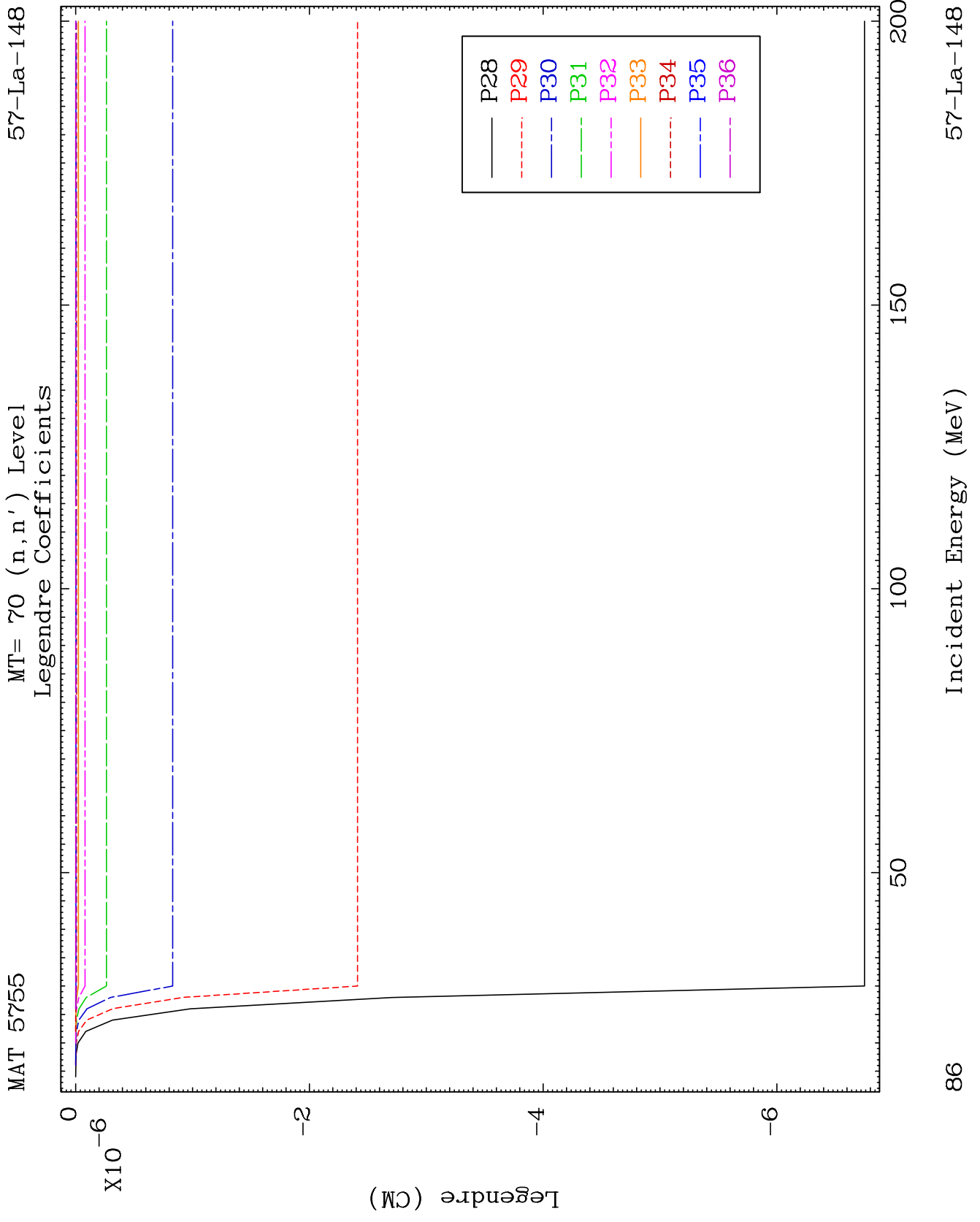
57-La-148



85

Incident Energy (MeV)

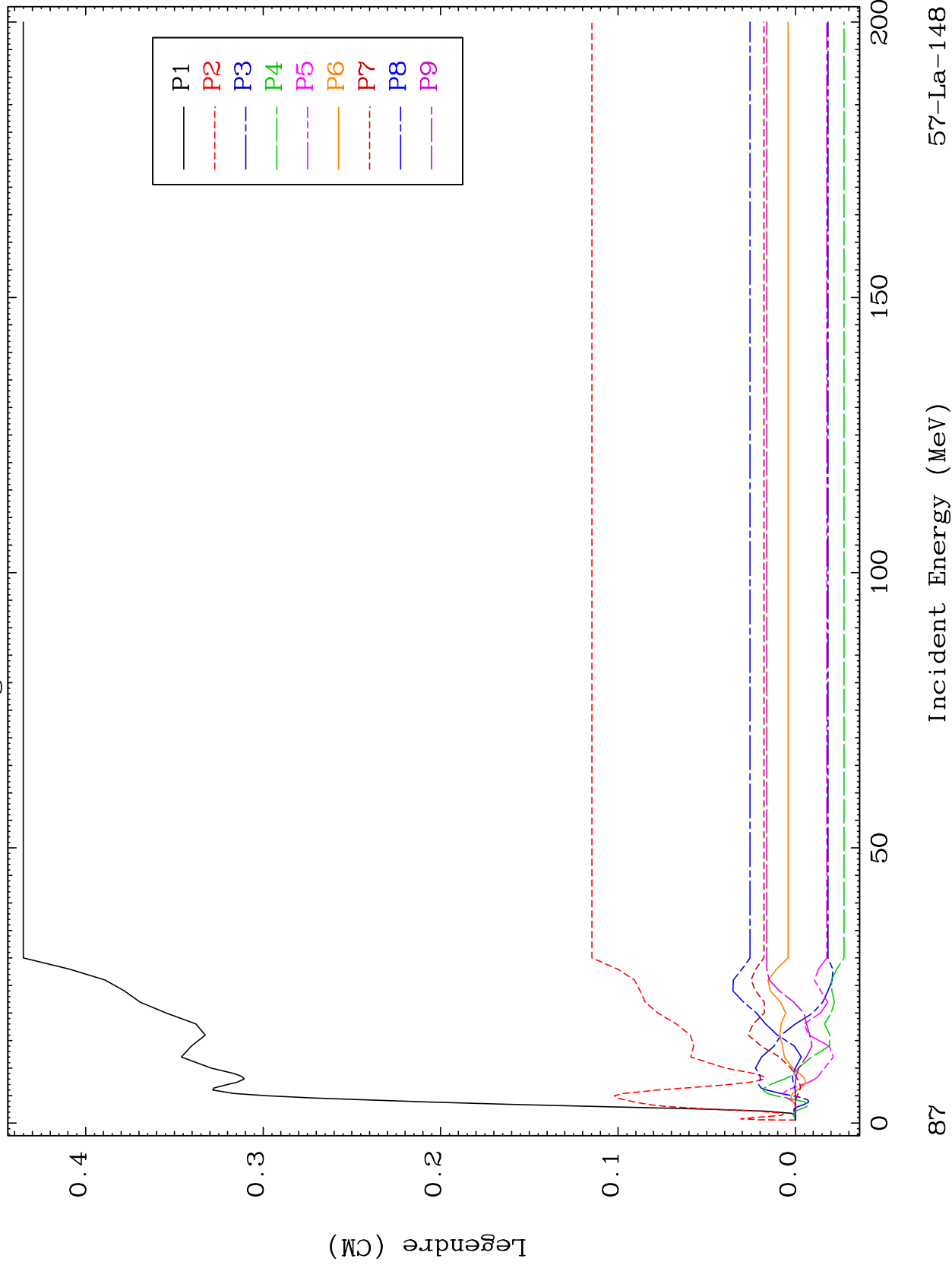
57-La-148



MAT 5755

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

57-La-148



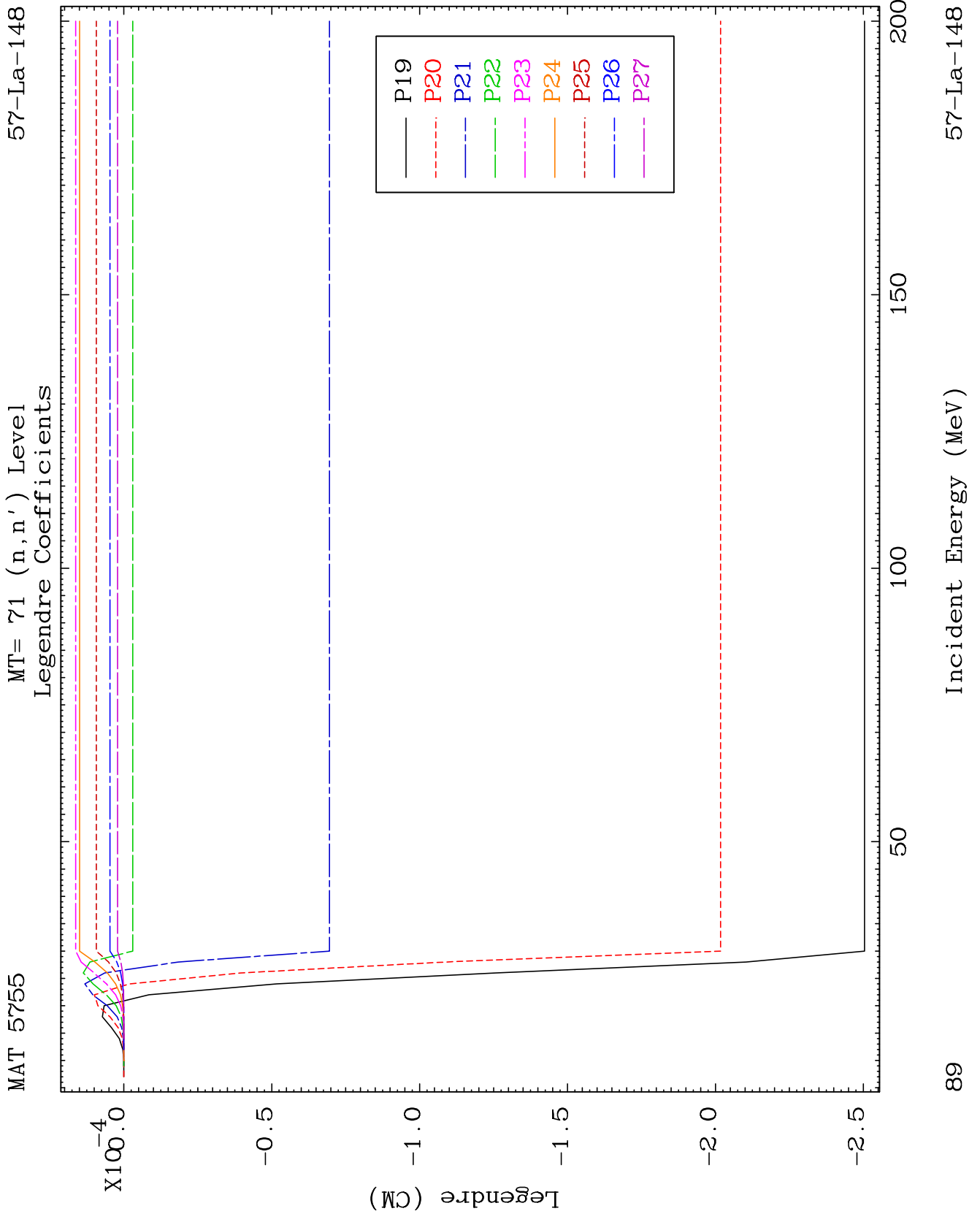
57-La-148

Incident Energy (MeV)

87



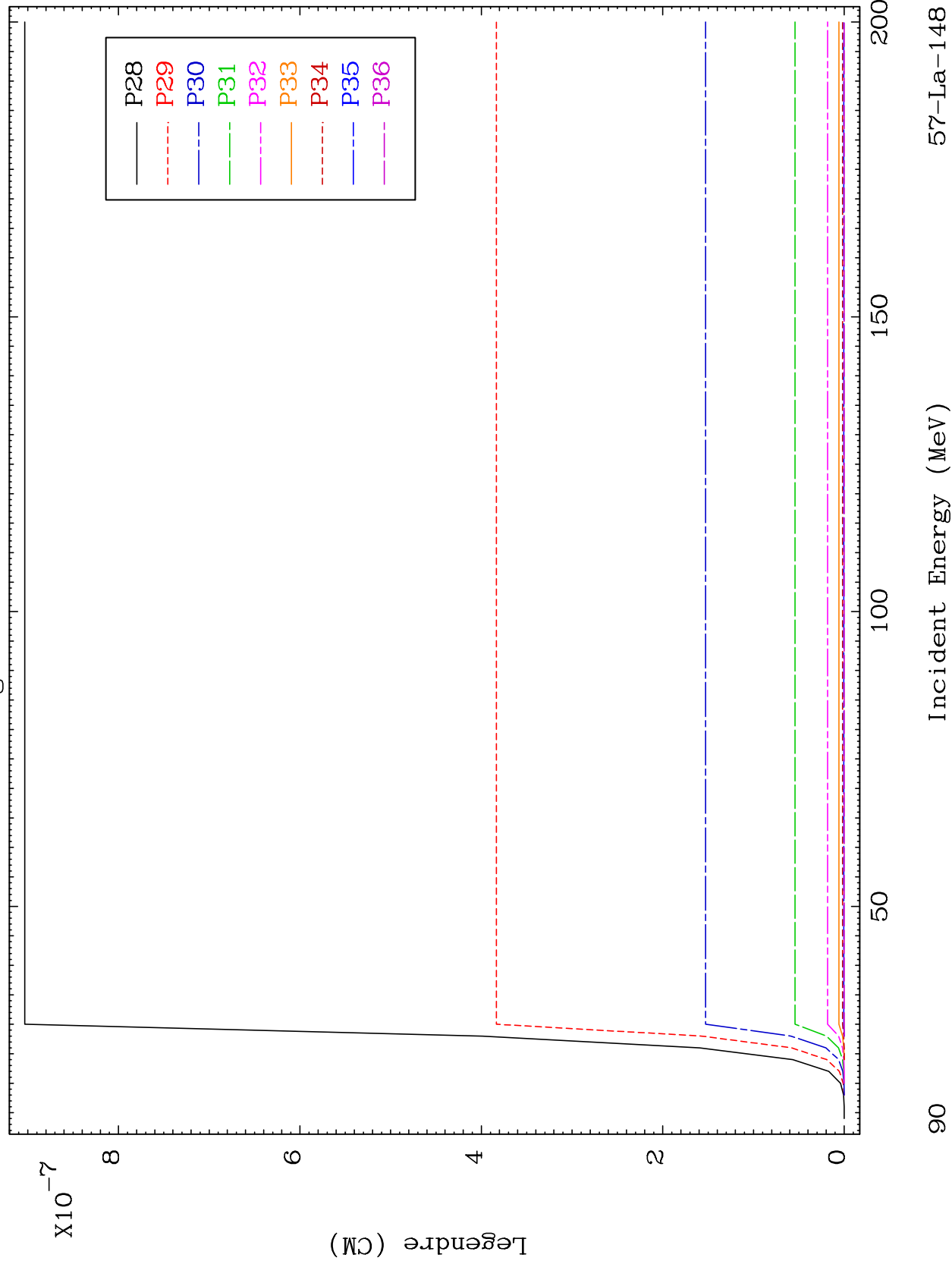




MAT 5755

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

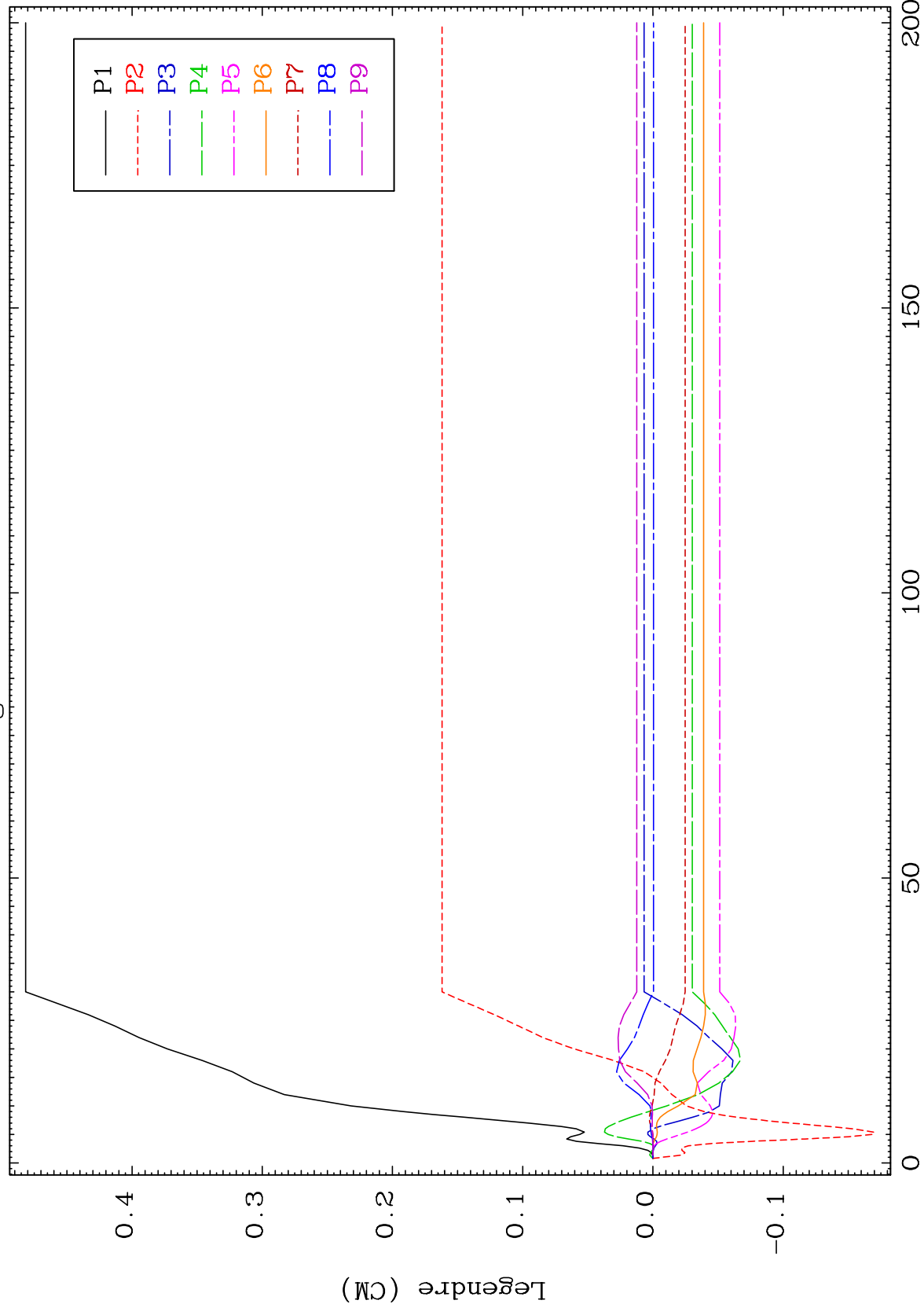
57-La-148



MAT 5755

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

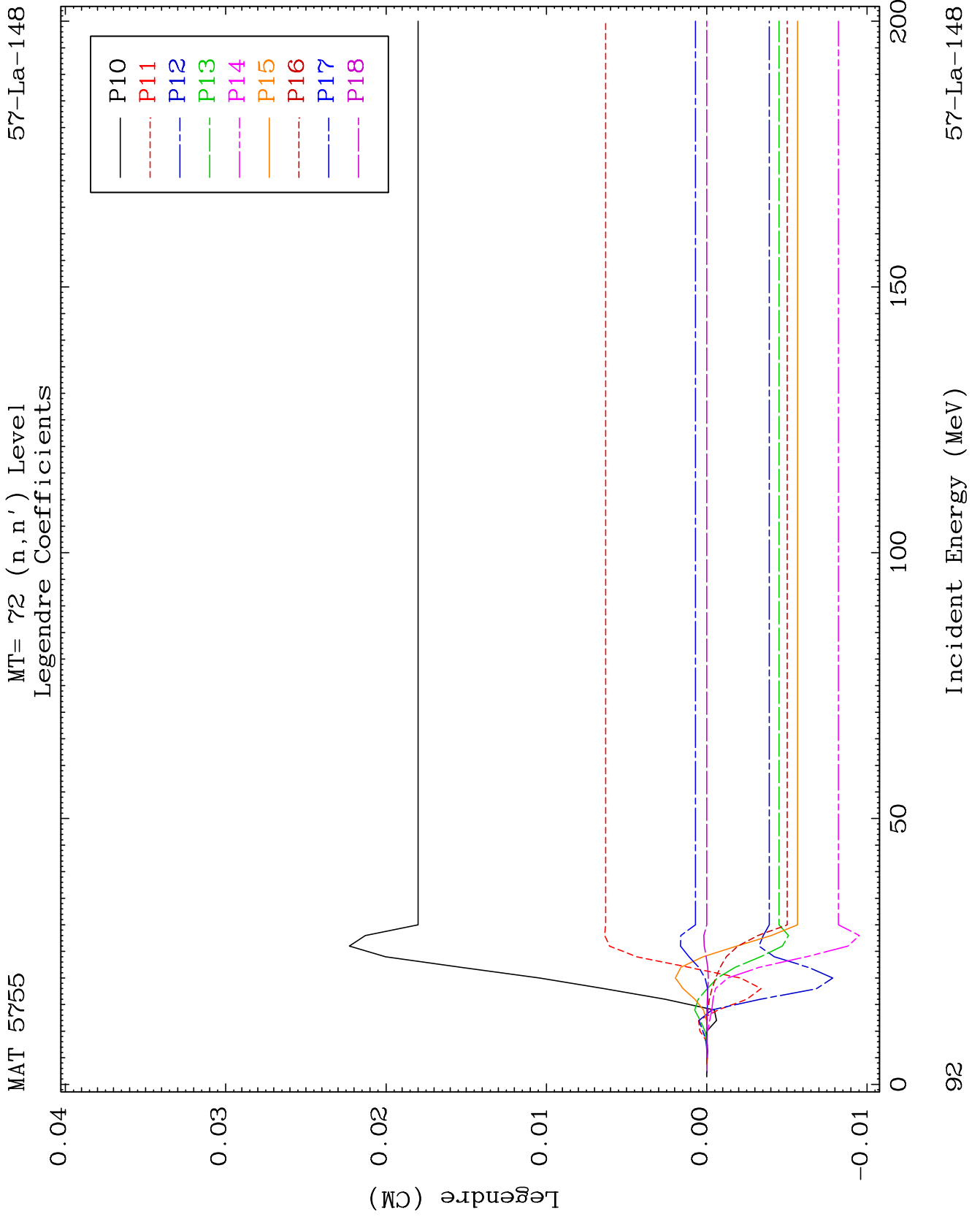
57-La-148



91

Incident Energy (MeV)

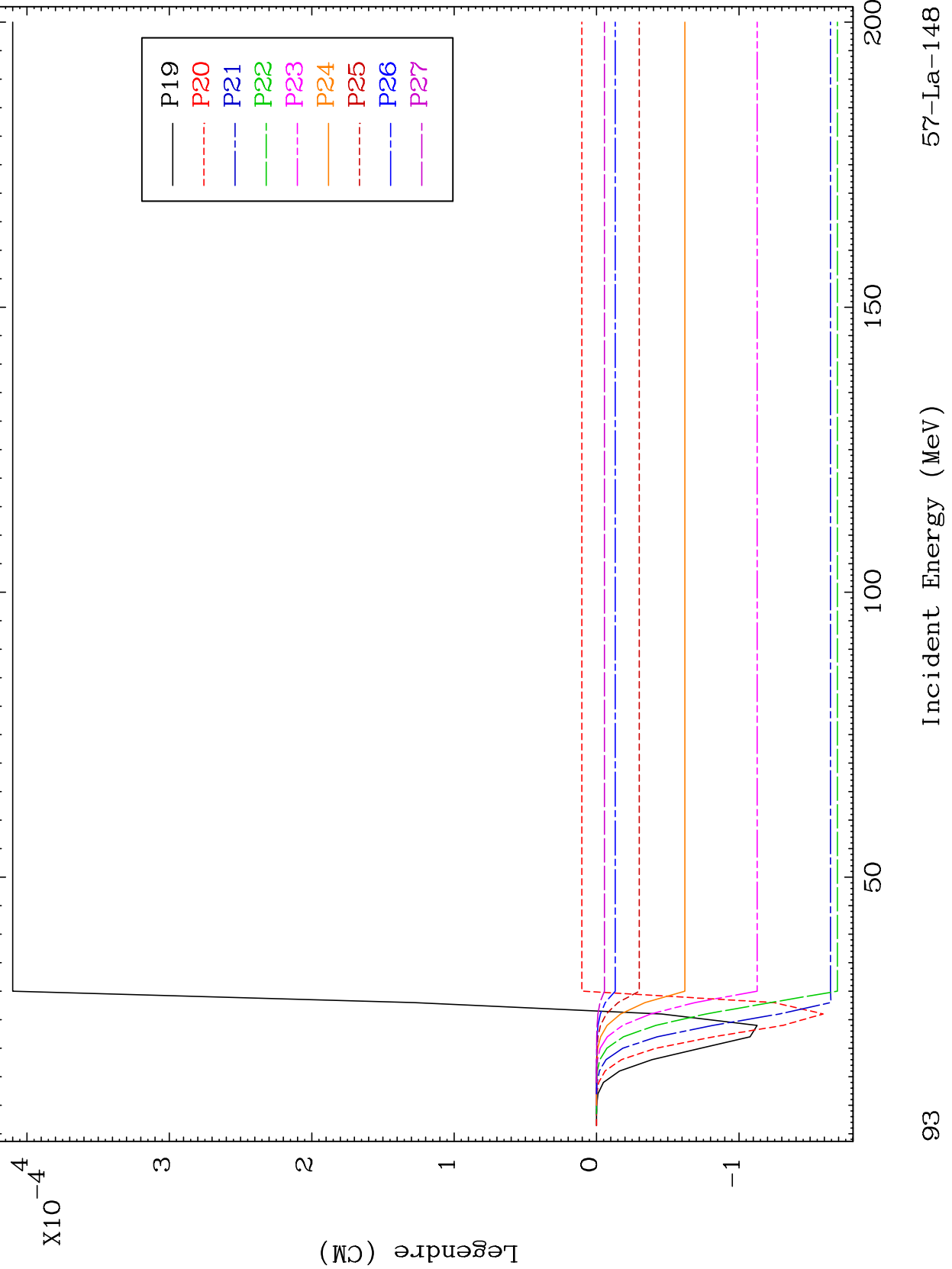
57-La-148



MAT 5755

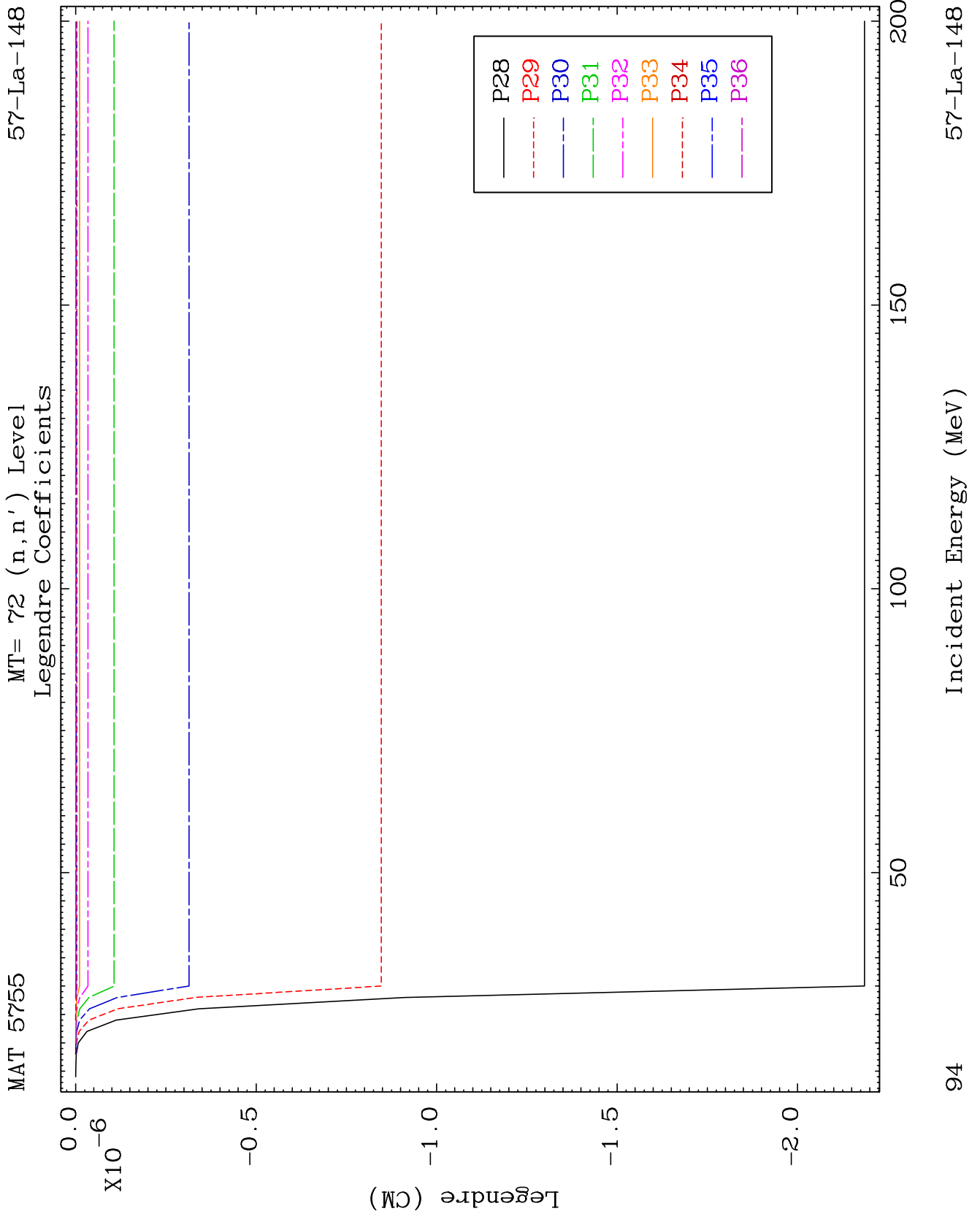
MT= 72 (n,n') Level  
Legendre Coefficients

57-La-148



93

57-La-148



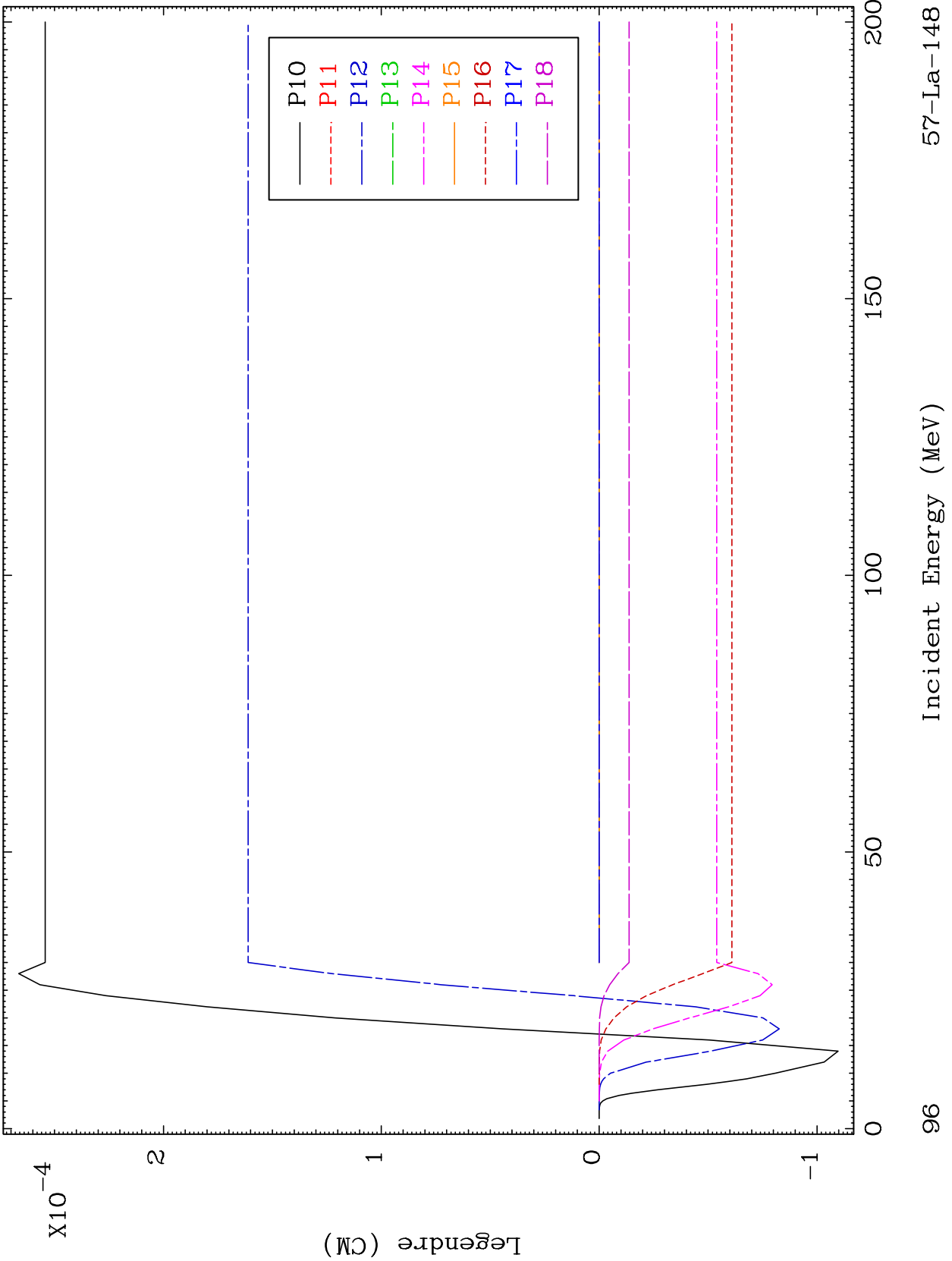




MAT 5755

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

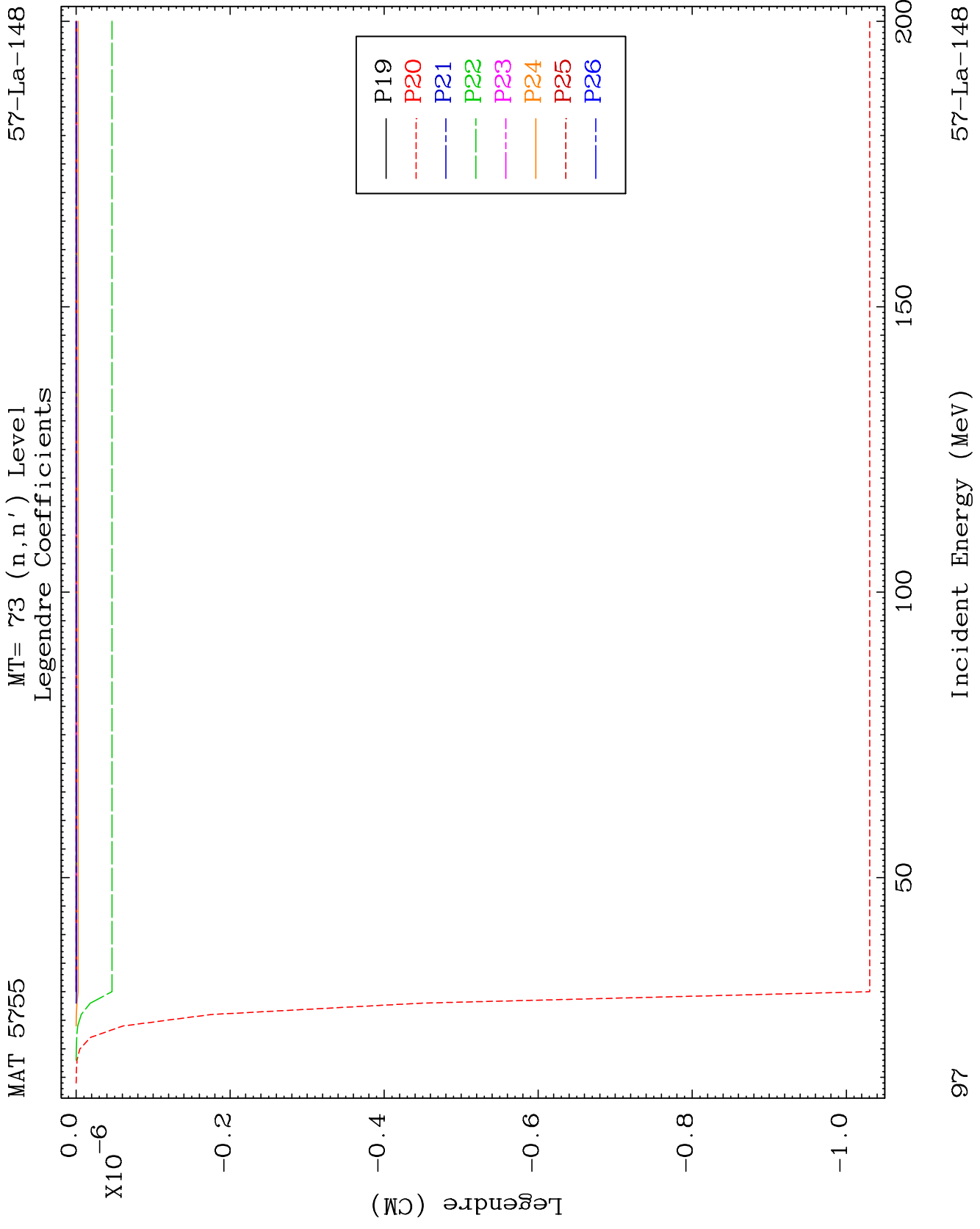
57-La-148



57-La-148

Incident Energy (MeV)

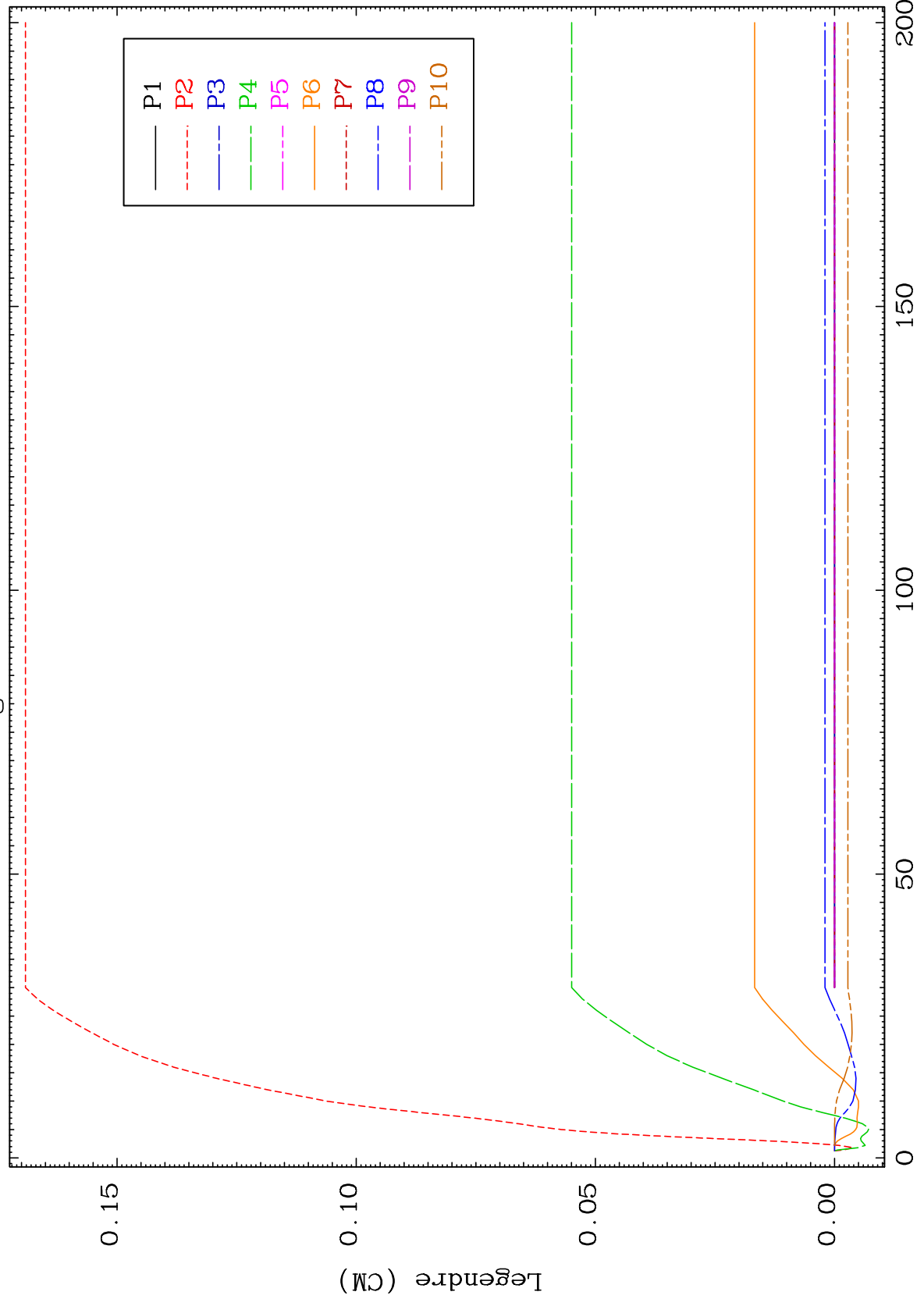
96



MAT 5755

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

57-La-148



57-La-148

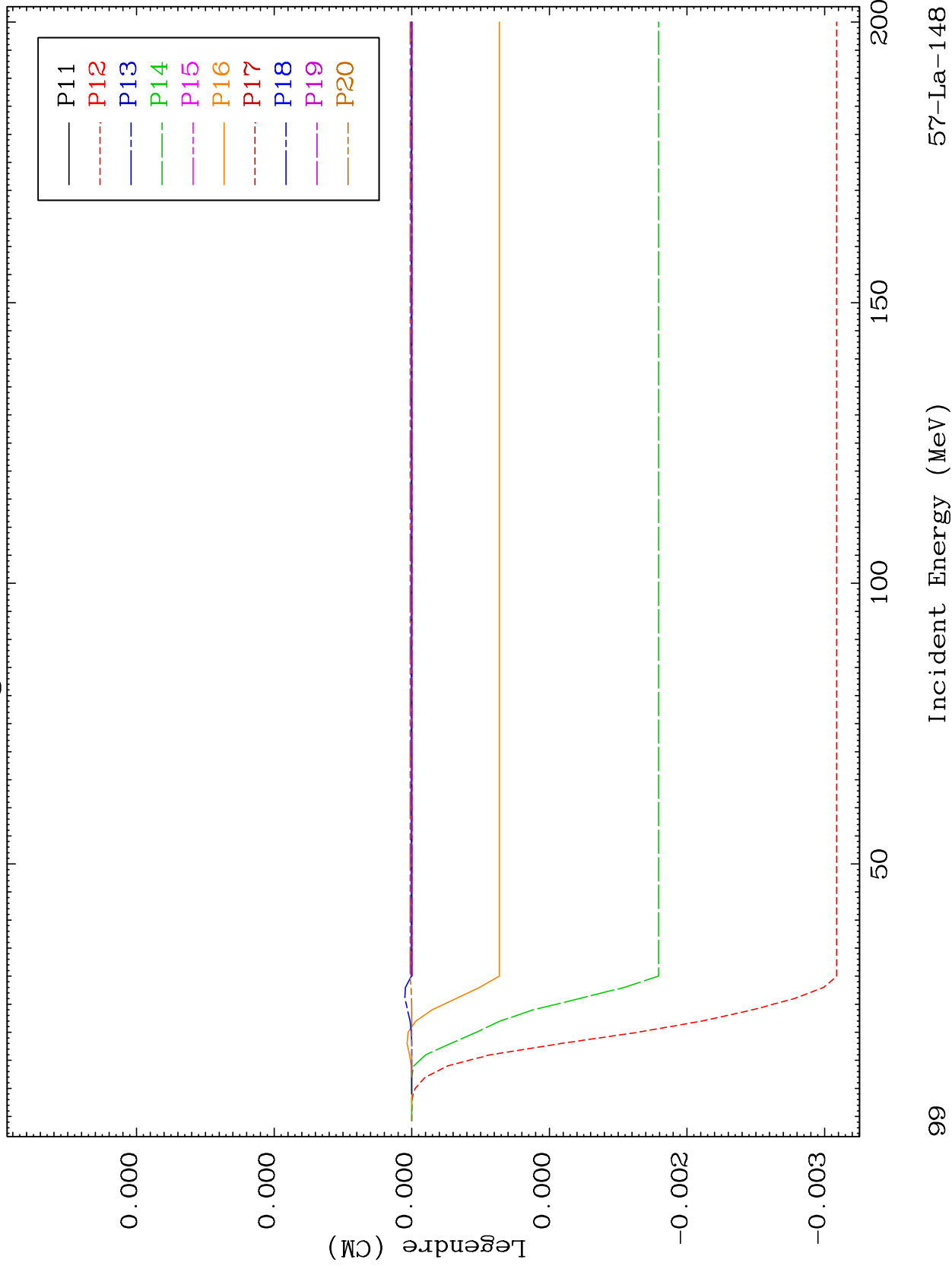
Incident Energy (MeV)

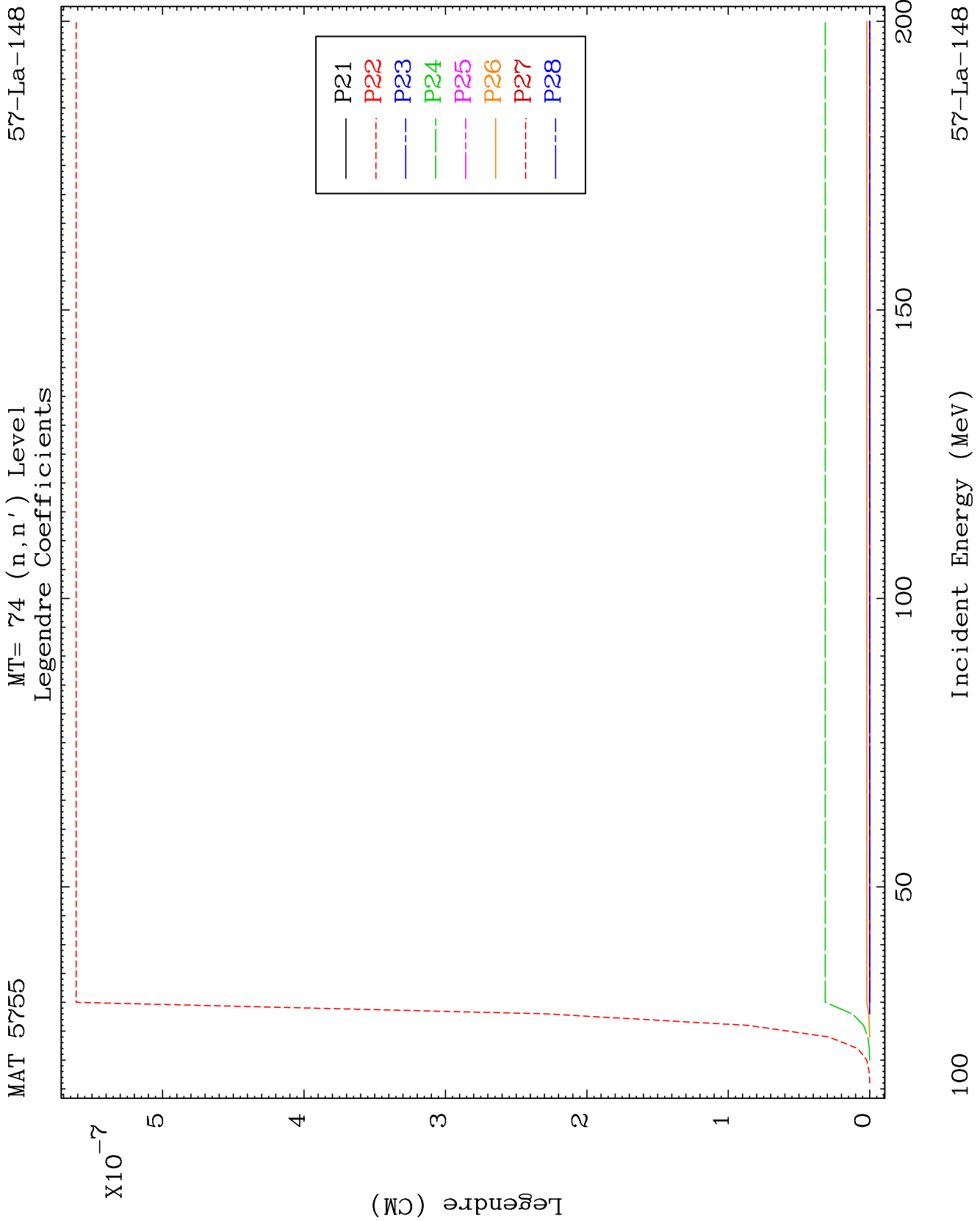
98

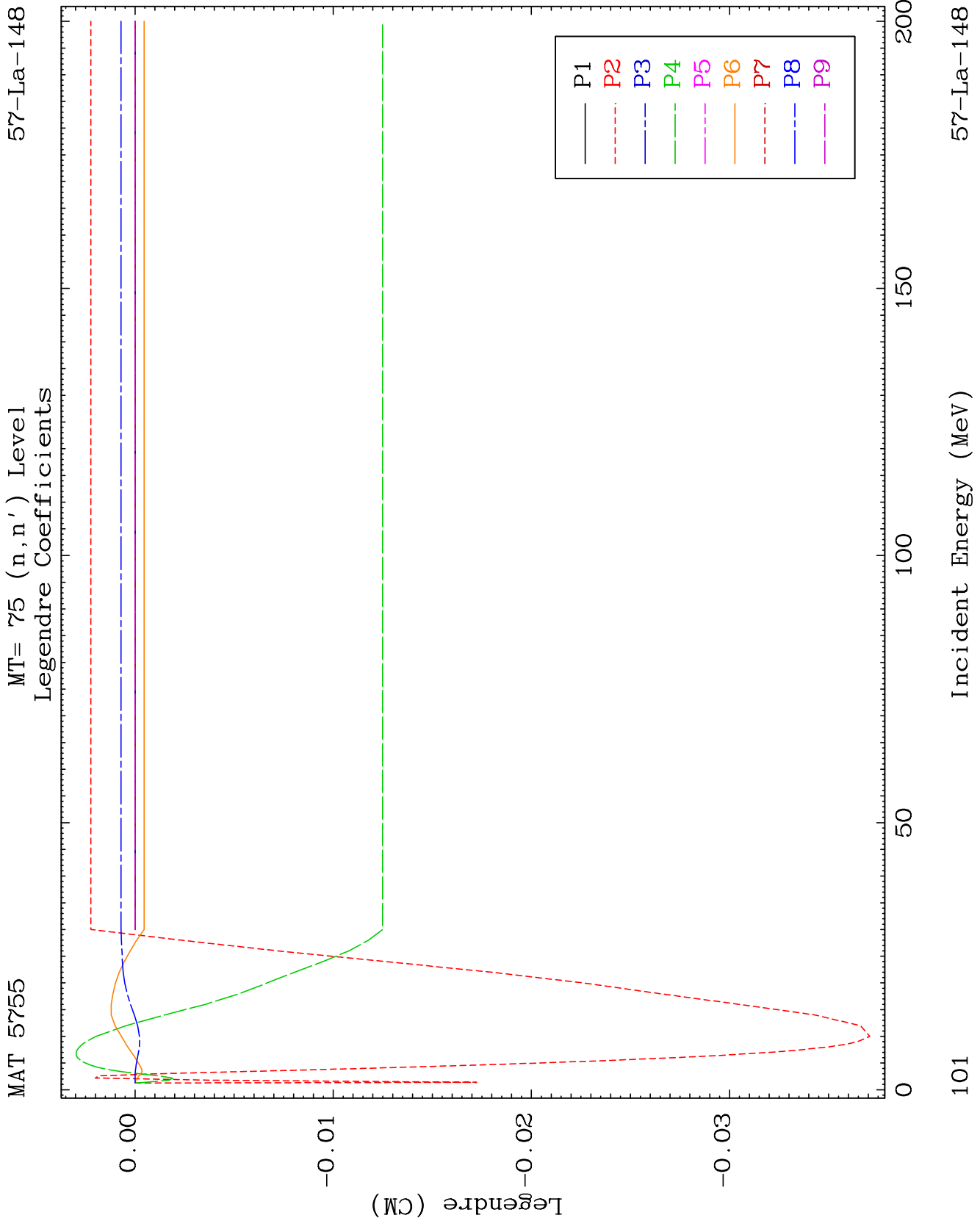
MAT 5755

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

57-La-148



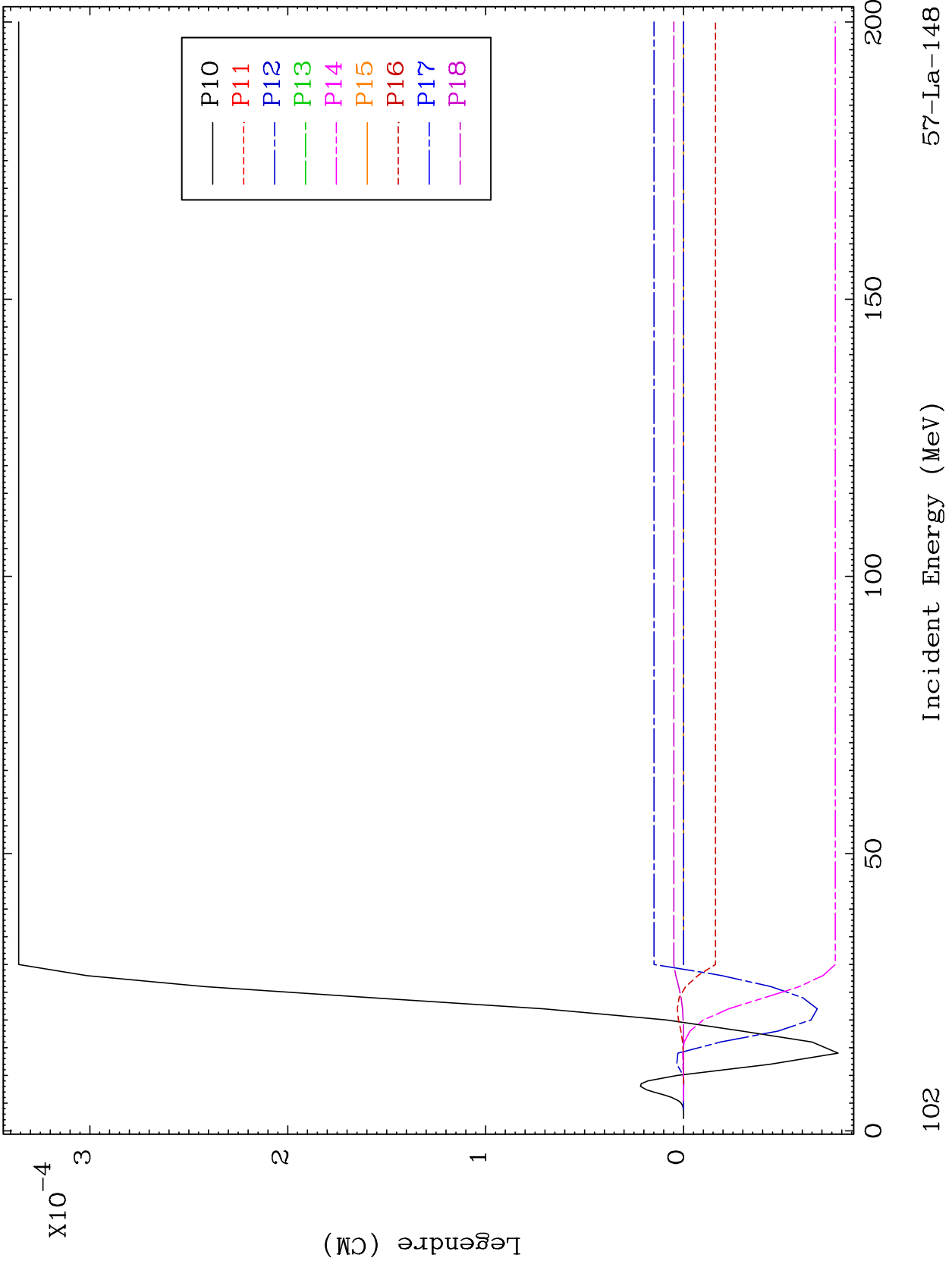




MAT 5755

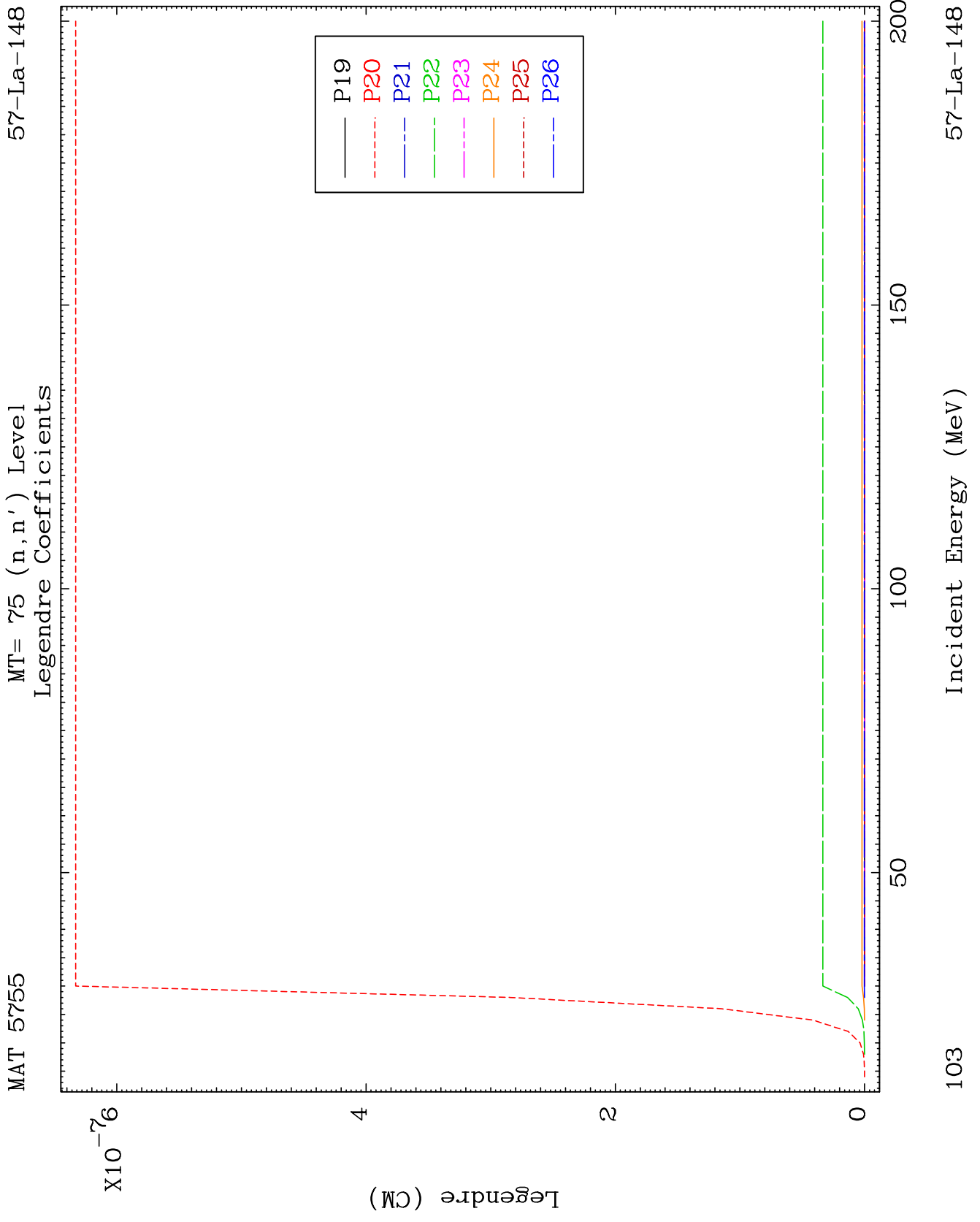
MT= 75 (n,n') Level  
Legendre Coefficients

57-La-148



102

57-La-148

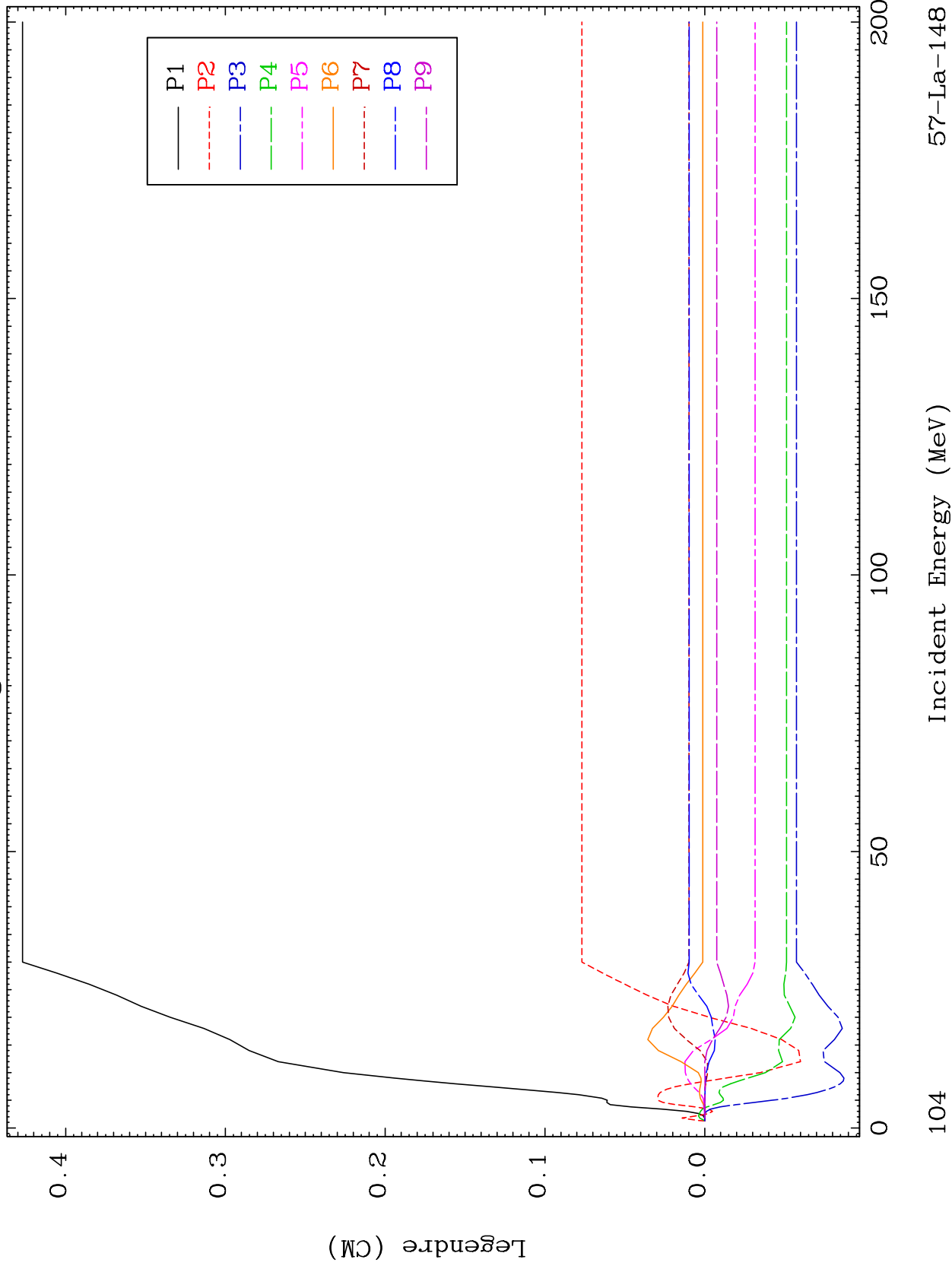




MAT 5755

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

57-La-148



57-La-148

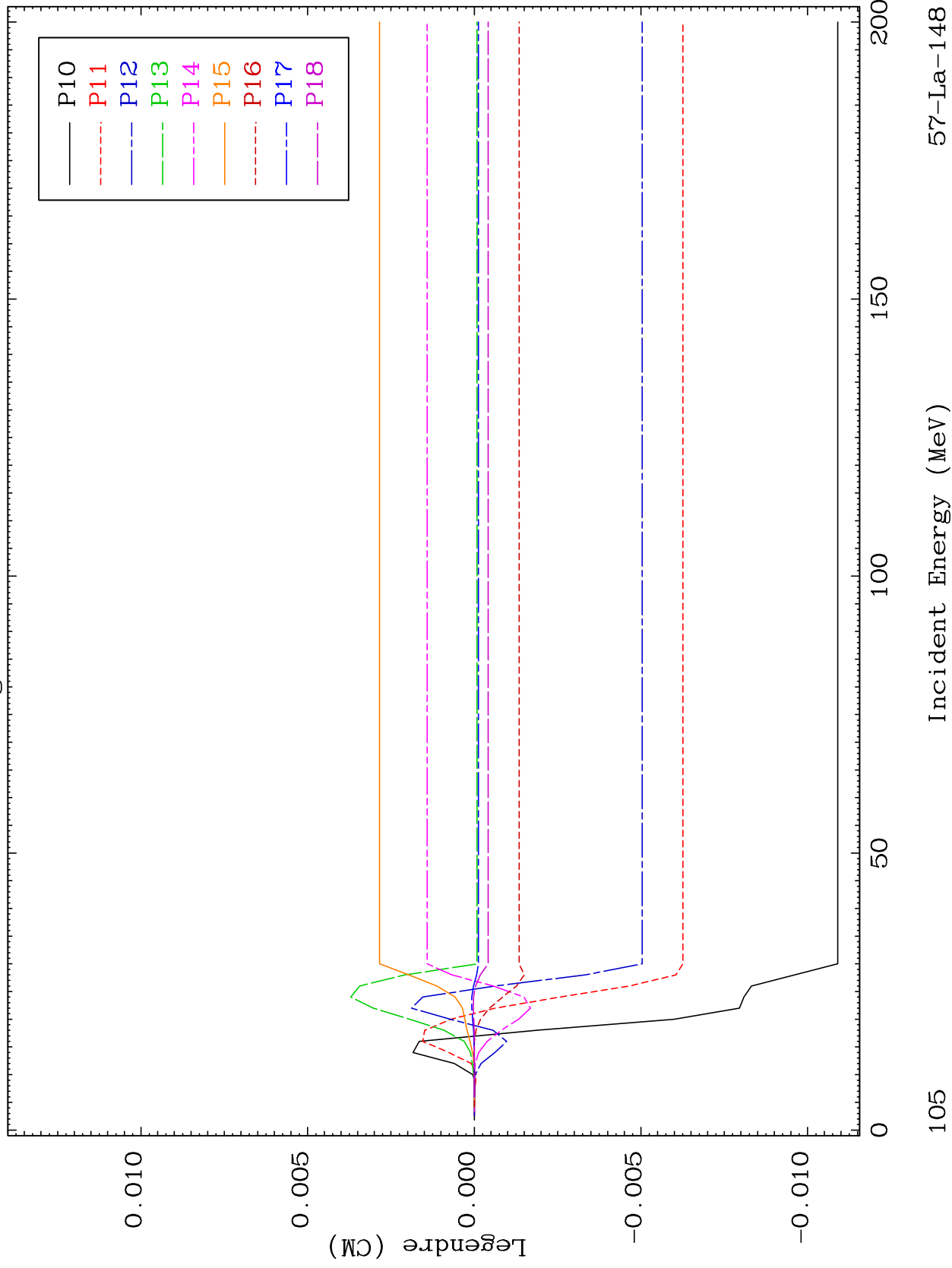
Incident Energy (MeV)

104

MAT 5755

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

57-La-148



57-La-148

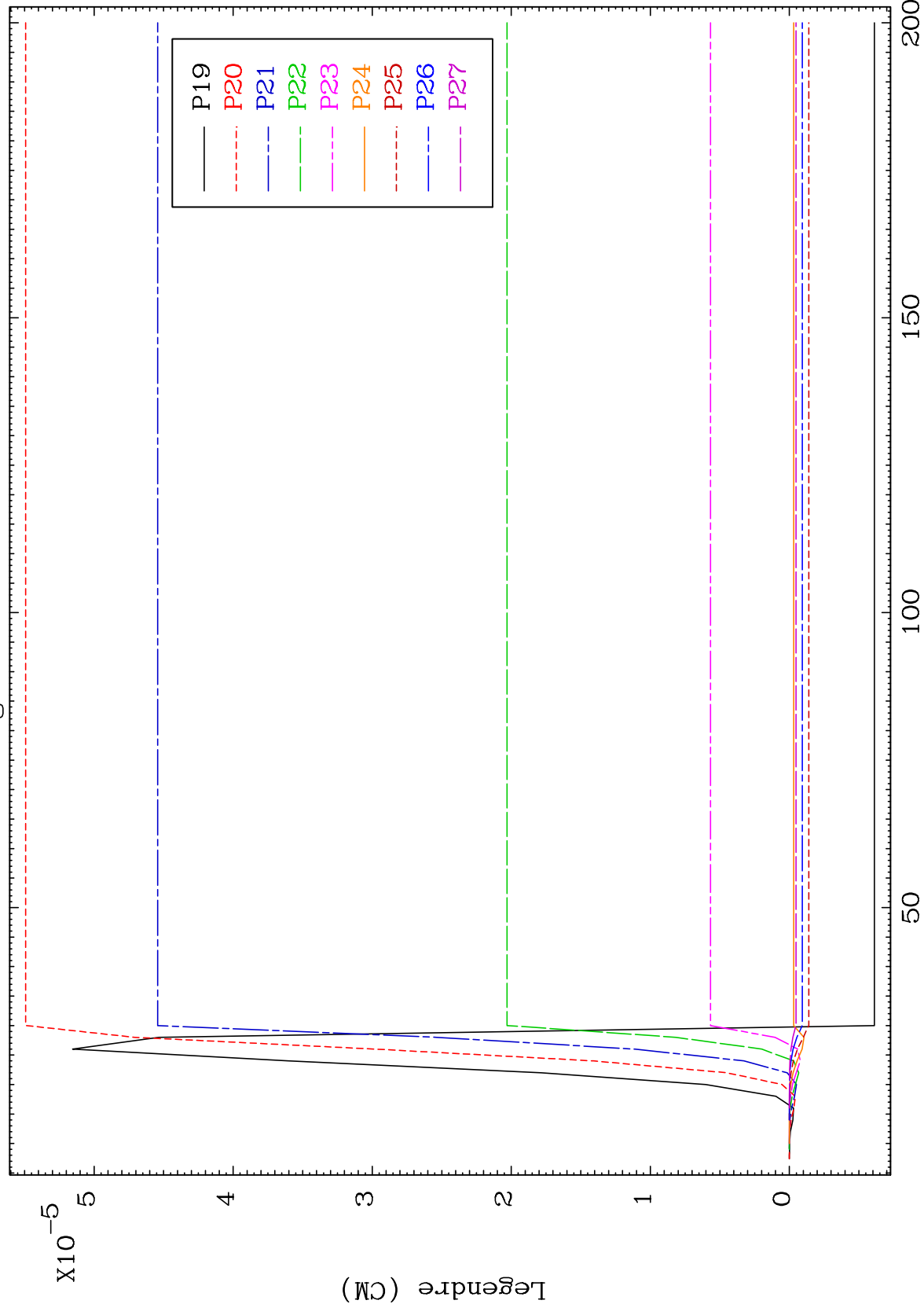
Incident Energy (MeV)

105

MAT 5755

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

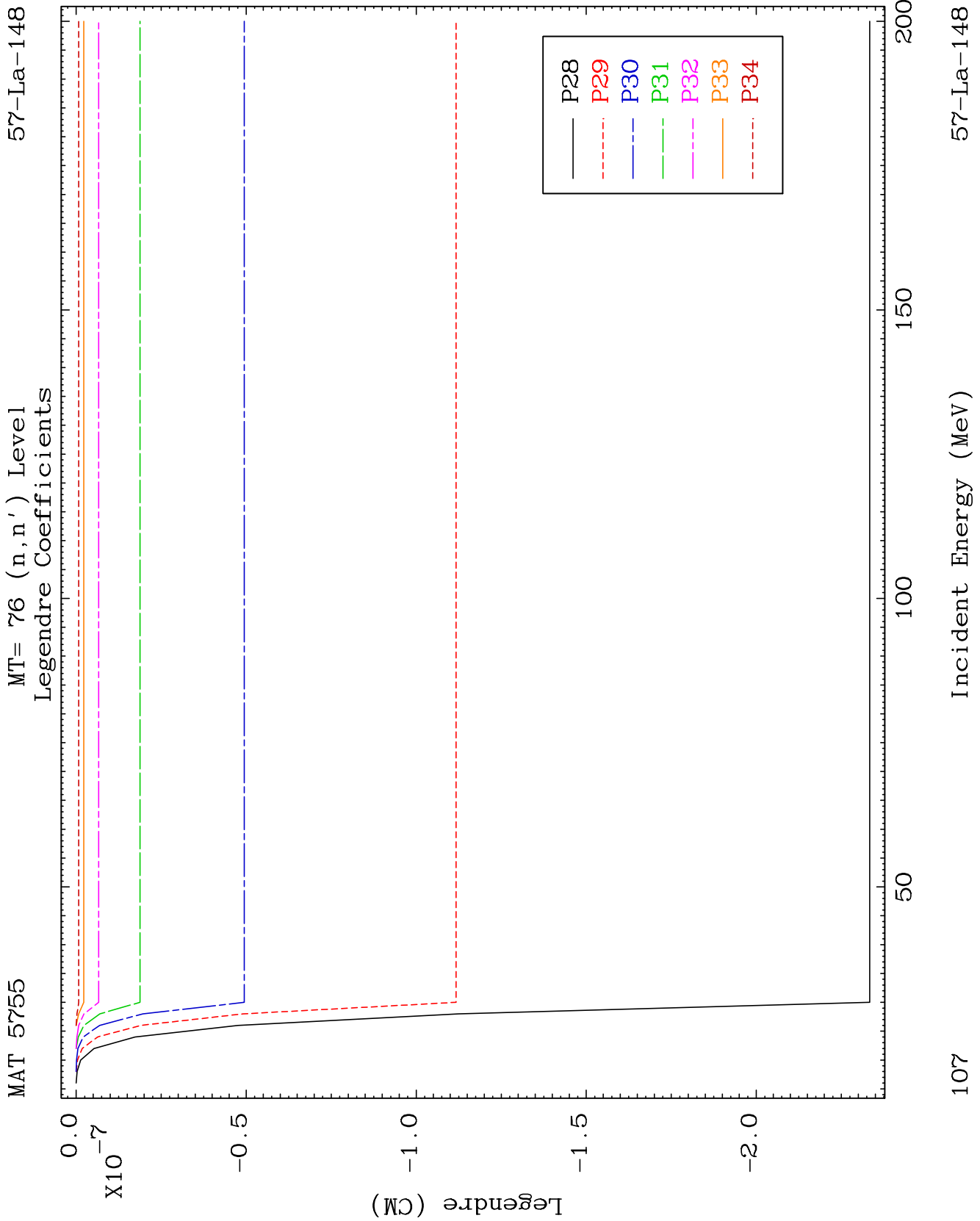
57-La-148

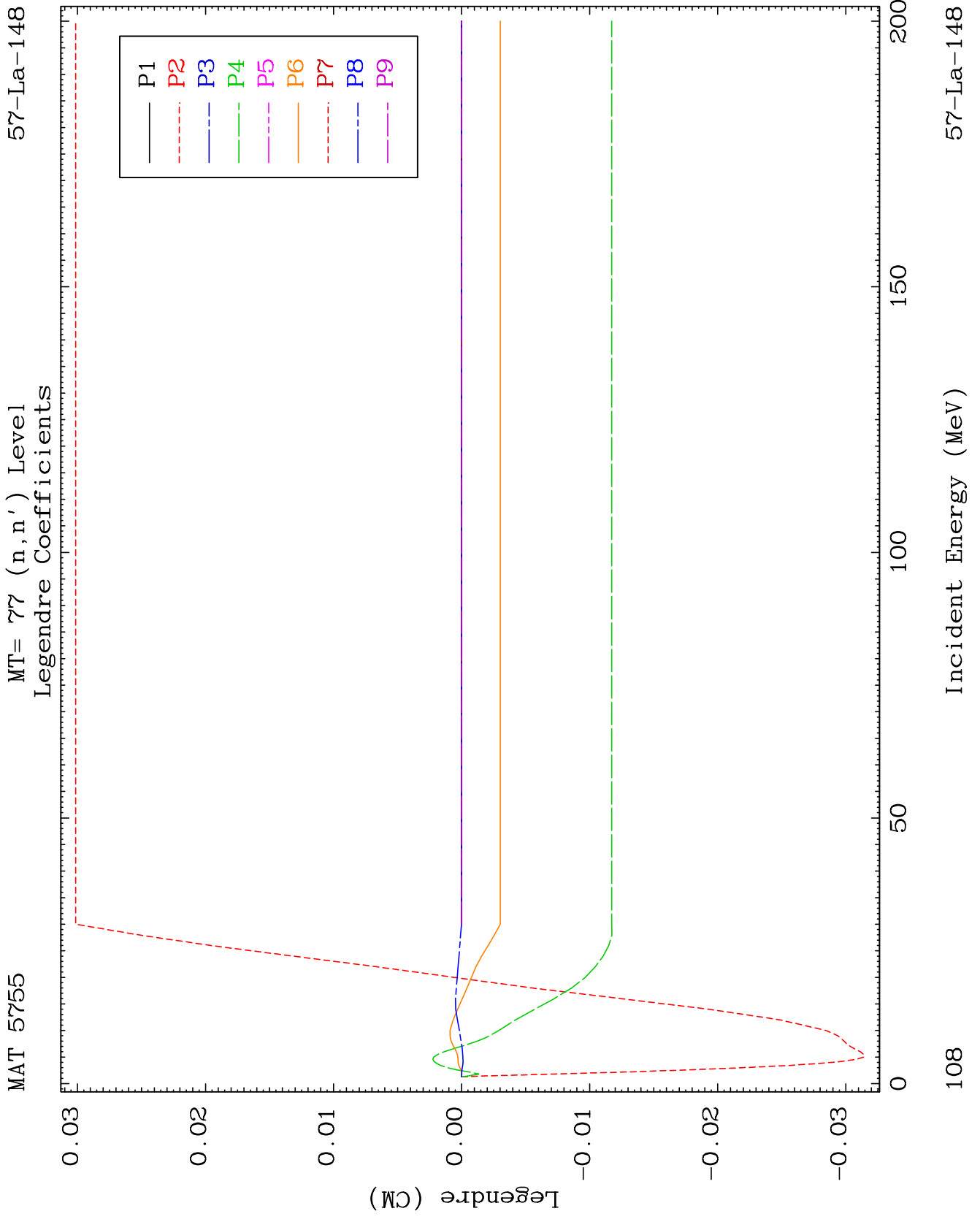


106

Incident Energy (MeV)

57-La-148

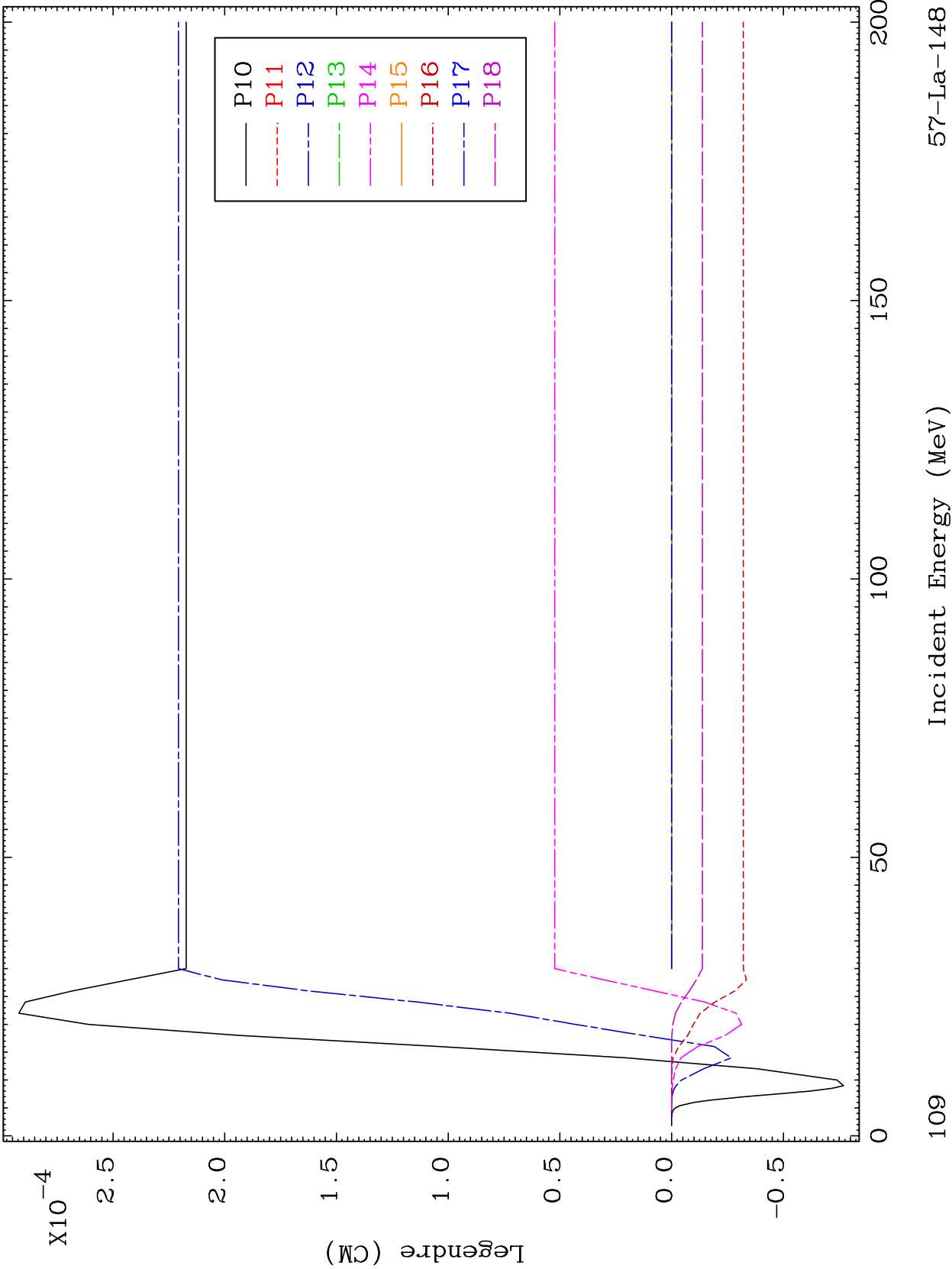




MAT 5755

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

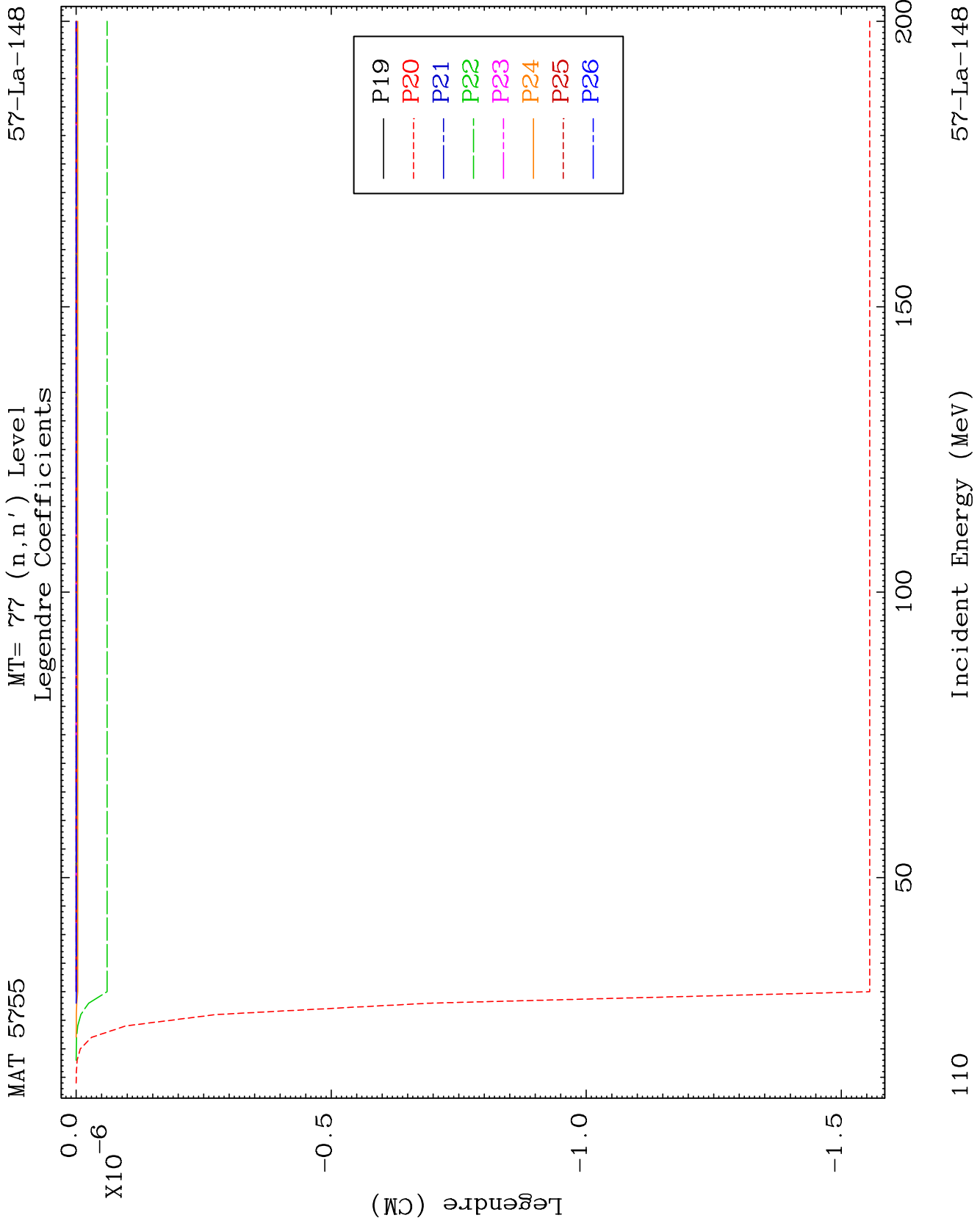
57-La-148



57-La-148

Incident Energy (MeV)

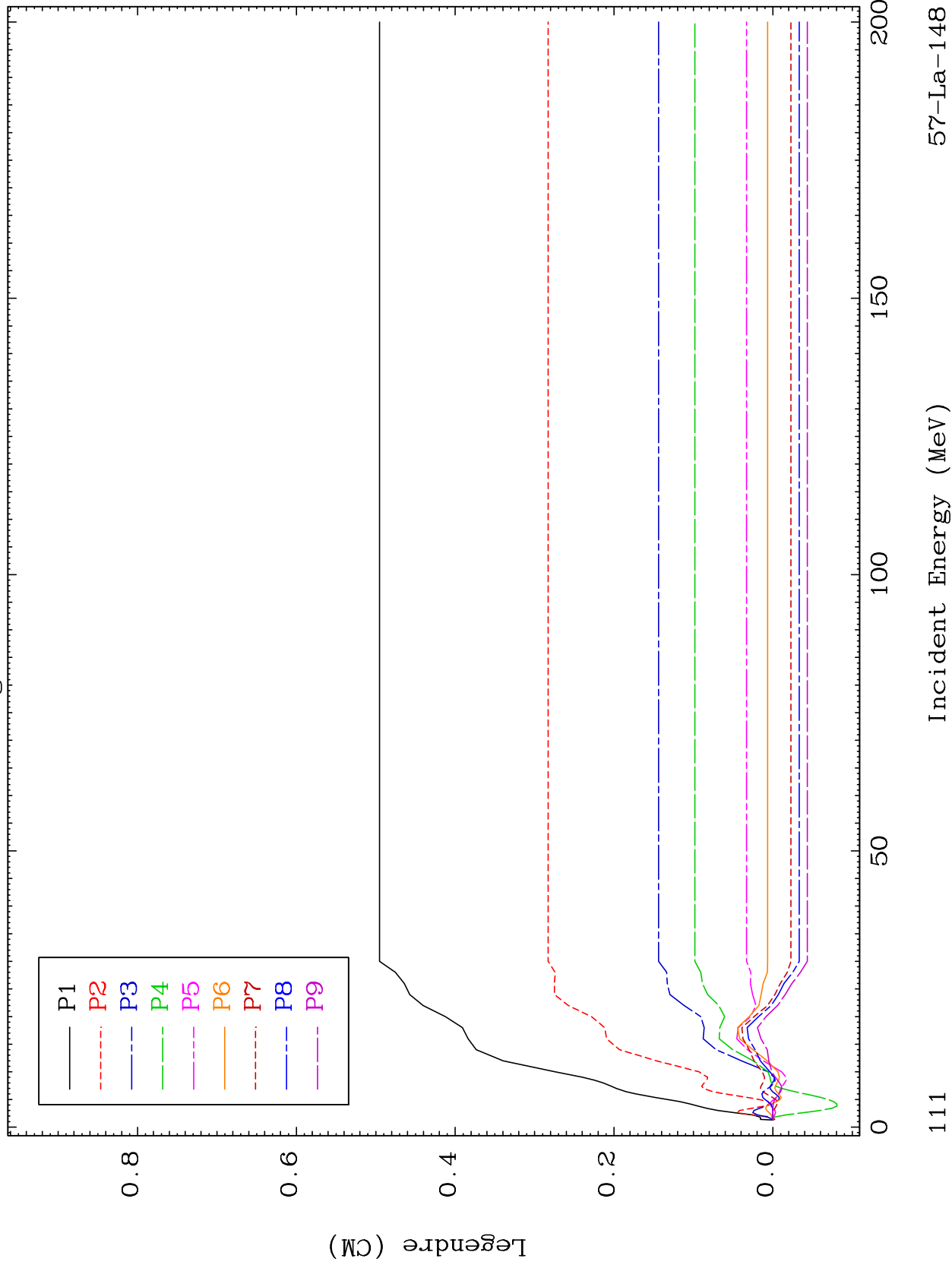
109



MAT 5755

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

57-La-148



57-La-148

Incident Energy (MeV)

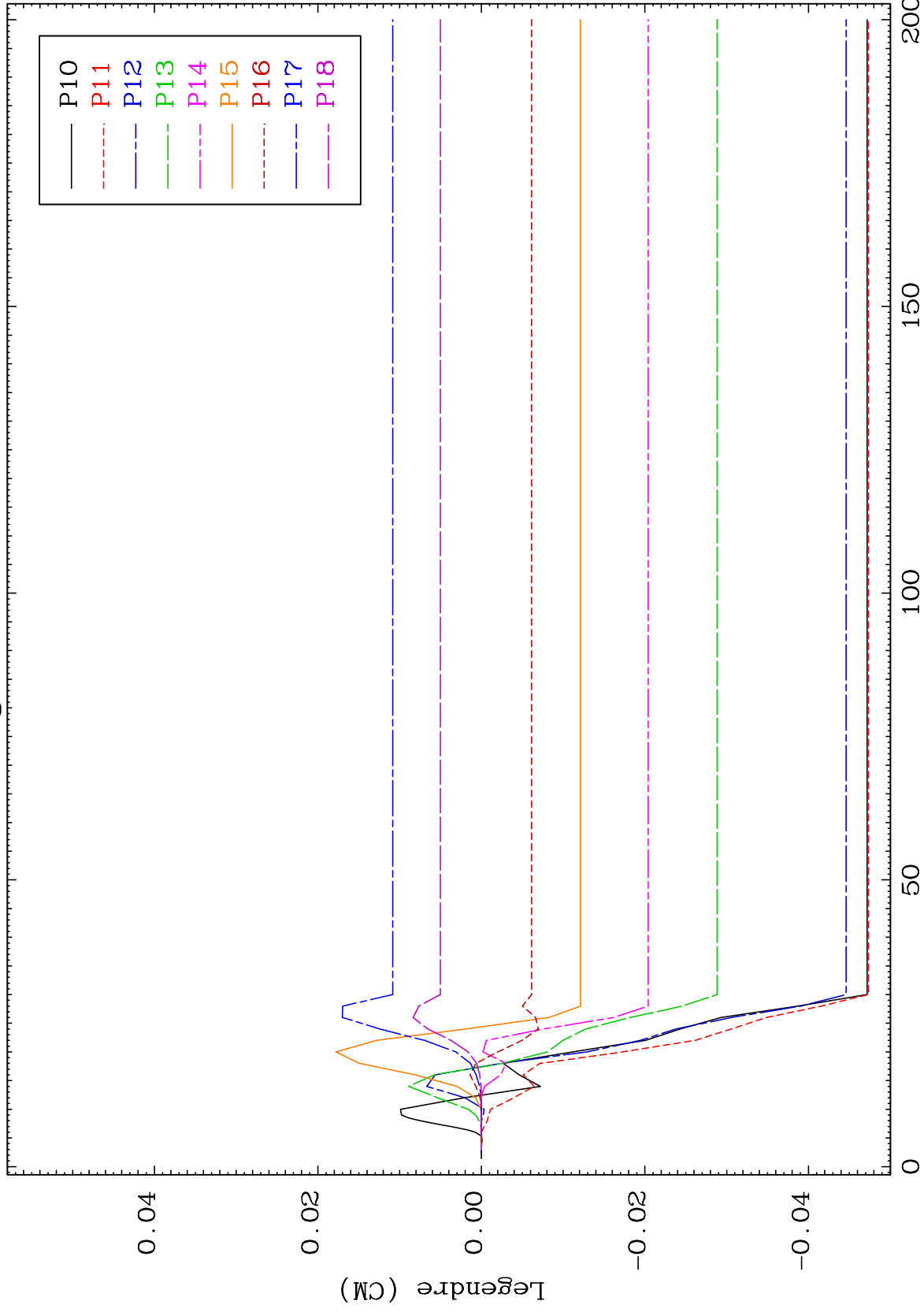
111



MAT 5755

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

57-La-148



112

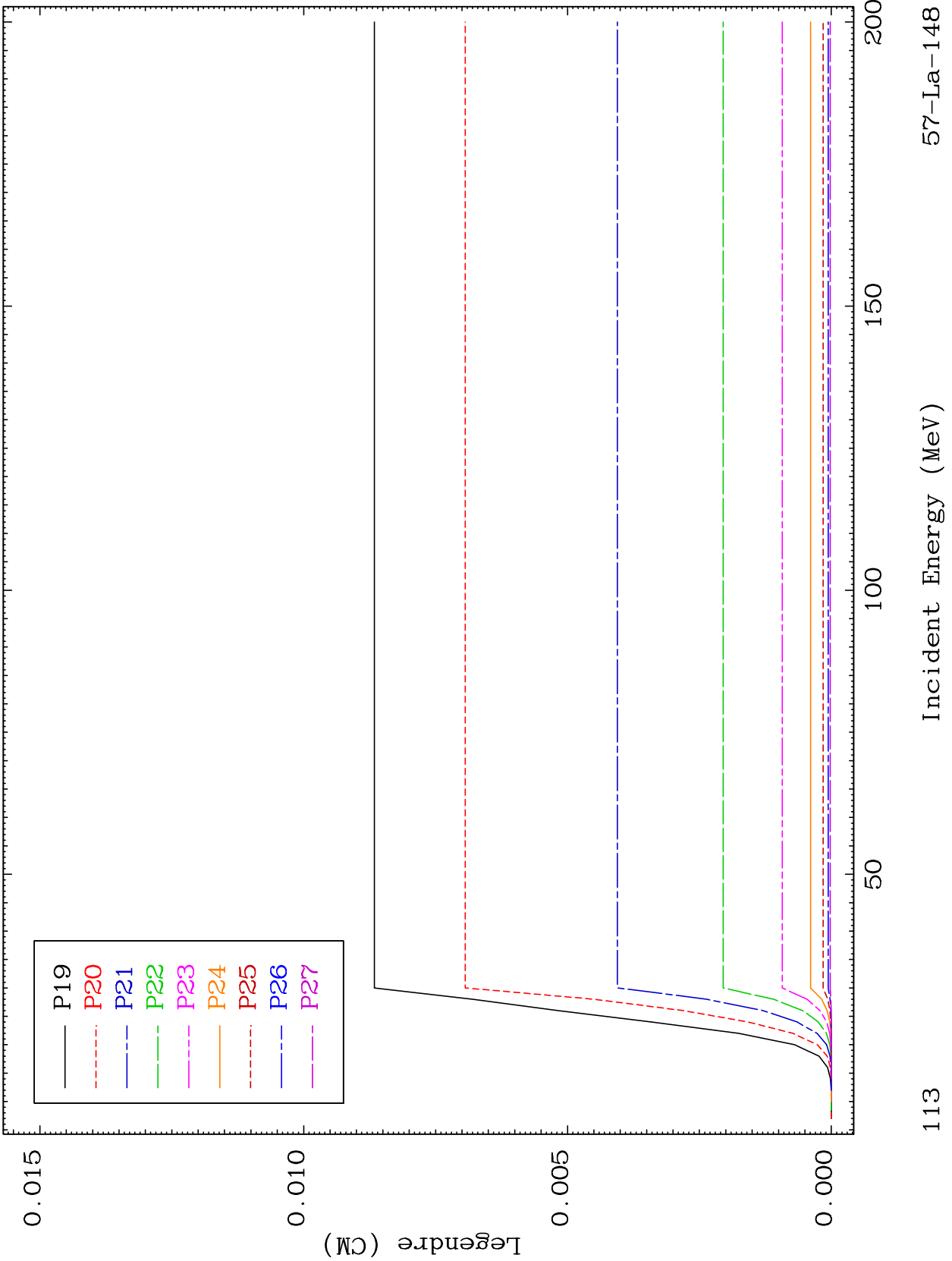
Incident Energy (MeV)

57-La-148

MAT 5755

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

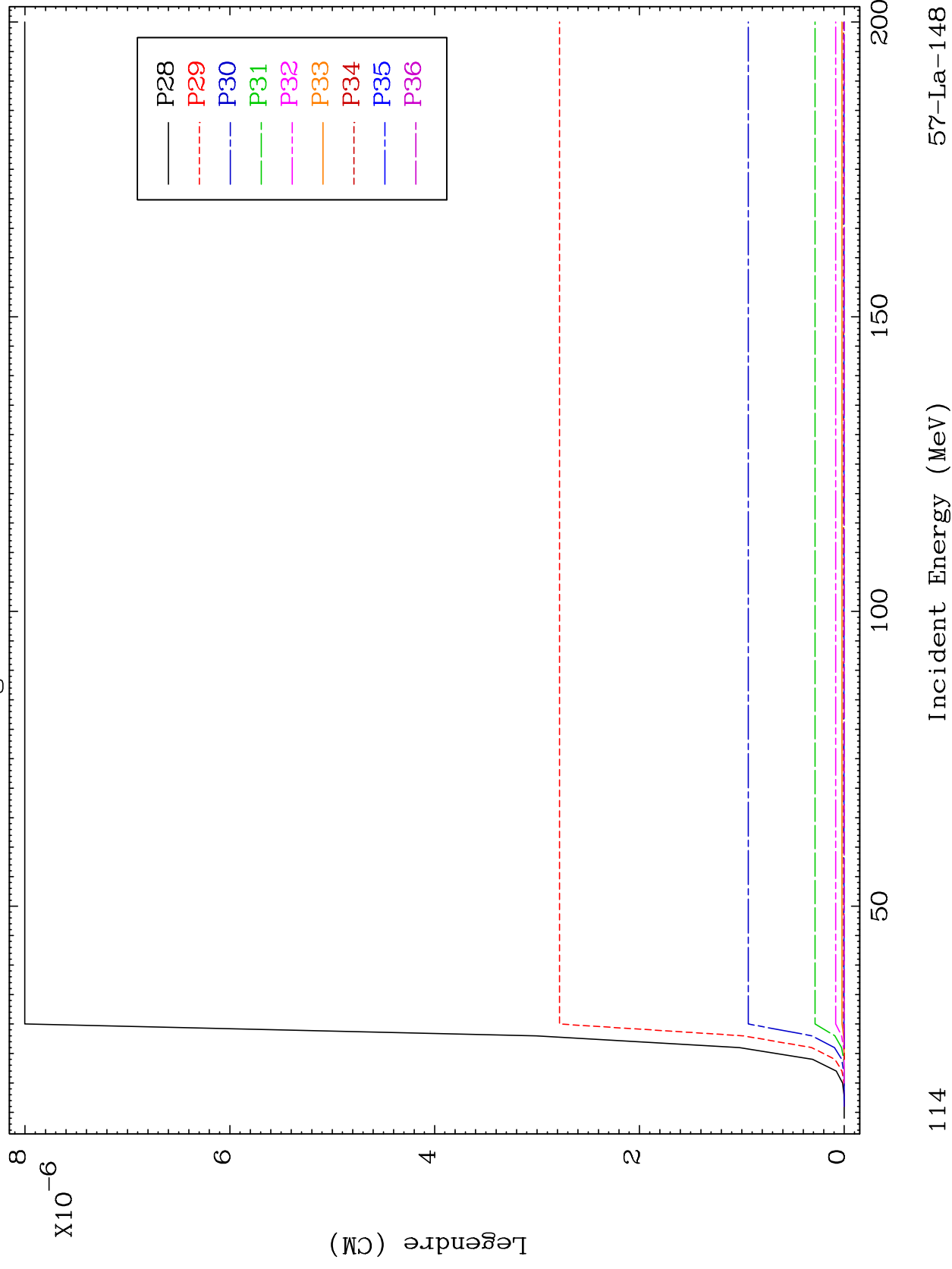
57-La-148



MAT 5755

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

57-La-148



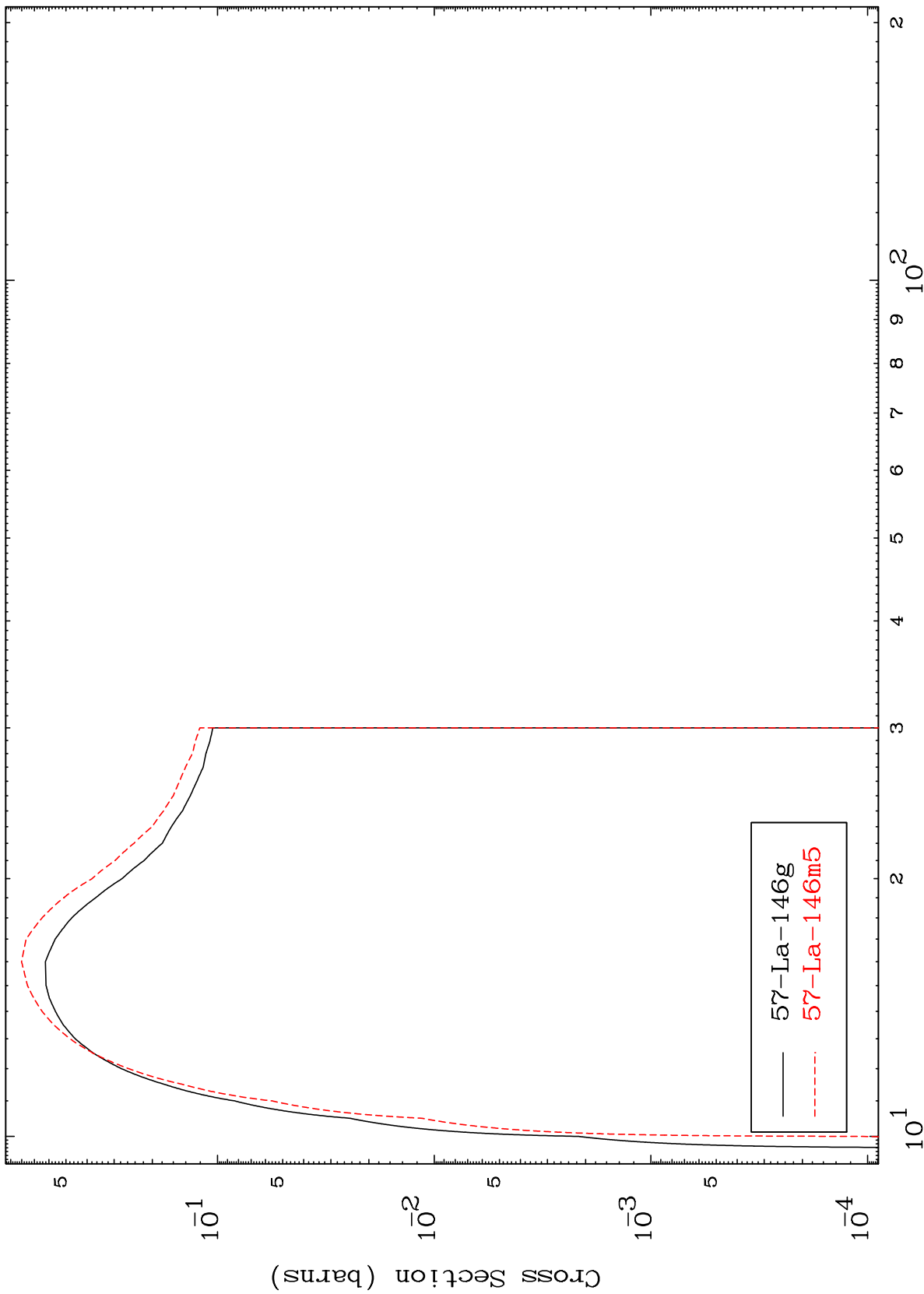
114

57-La-148

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57-La-148

(n,3n)  
Radionuclide Production Cross Section



— 57-La-146g  
- - - 57-La-146m5

57-La-148

Incident Energy (MeV)

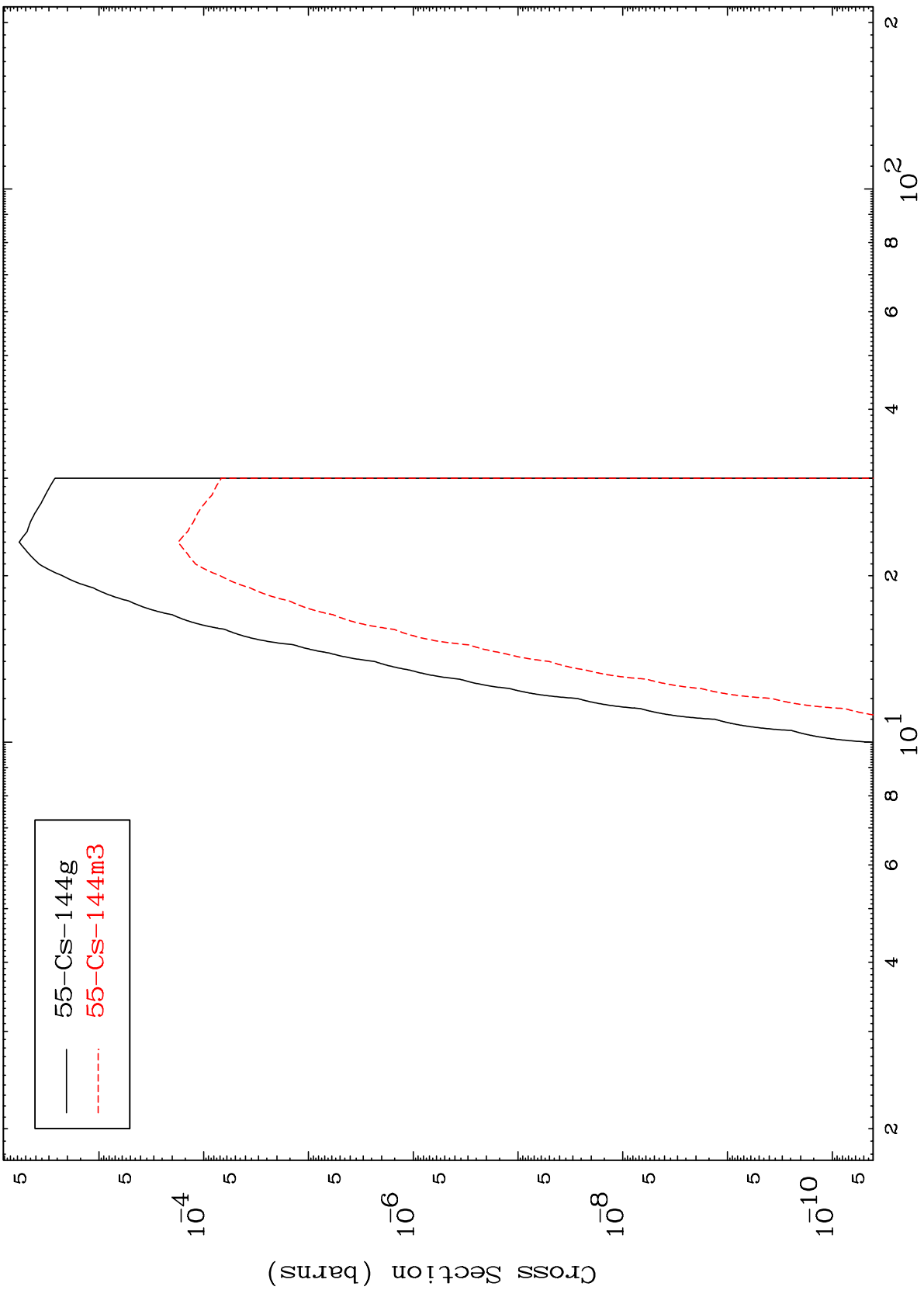
115

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(n,n')  $\alpha$

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Radionuclide Production Cross Section



116

Incident Energy (MeV)

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