

Program EVALPLOT
(Version 2021-1)

by

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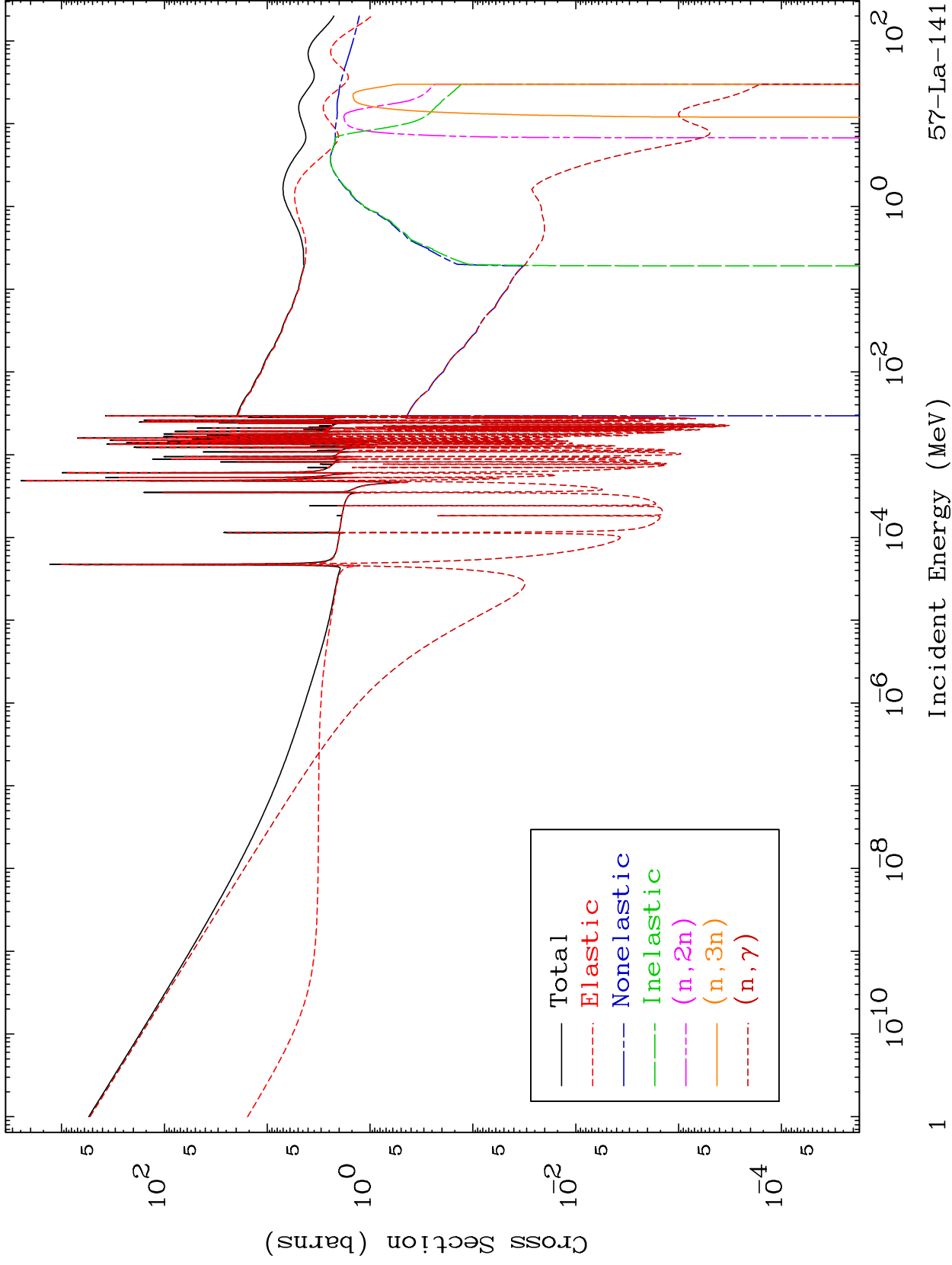
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Press Mouse Button to Start

MAT 5734

Neutron Major
293 Kelvin Cross Sections

57-La-141

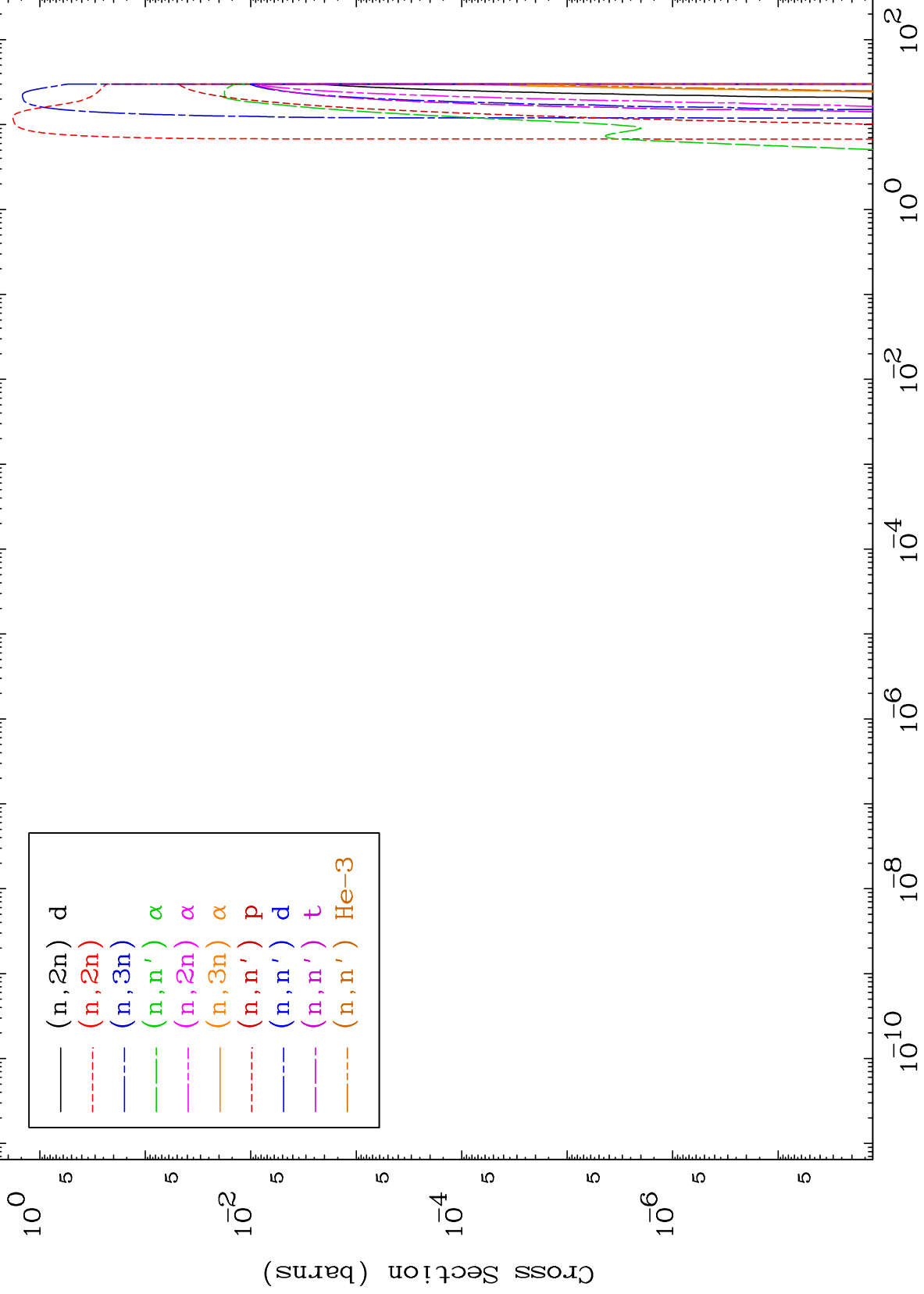


57-La-141

MAT 5734

Neutron Absorption
293 Kelvin Cross Sections

57-La-141



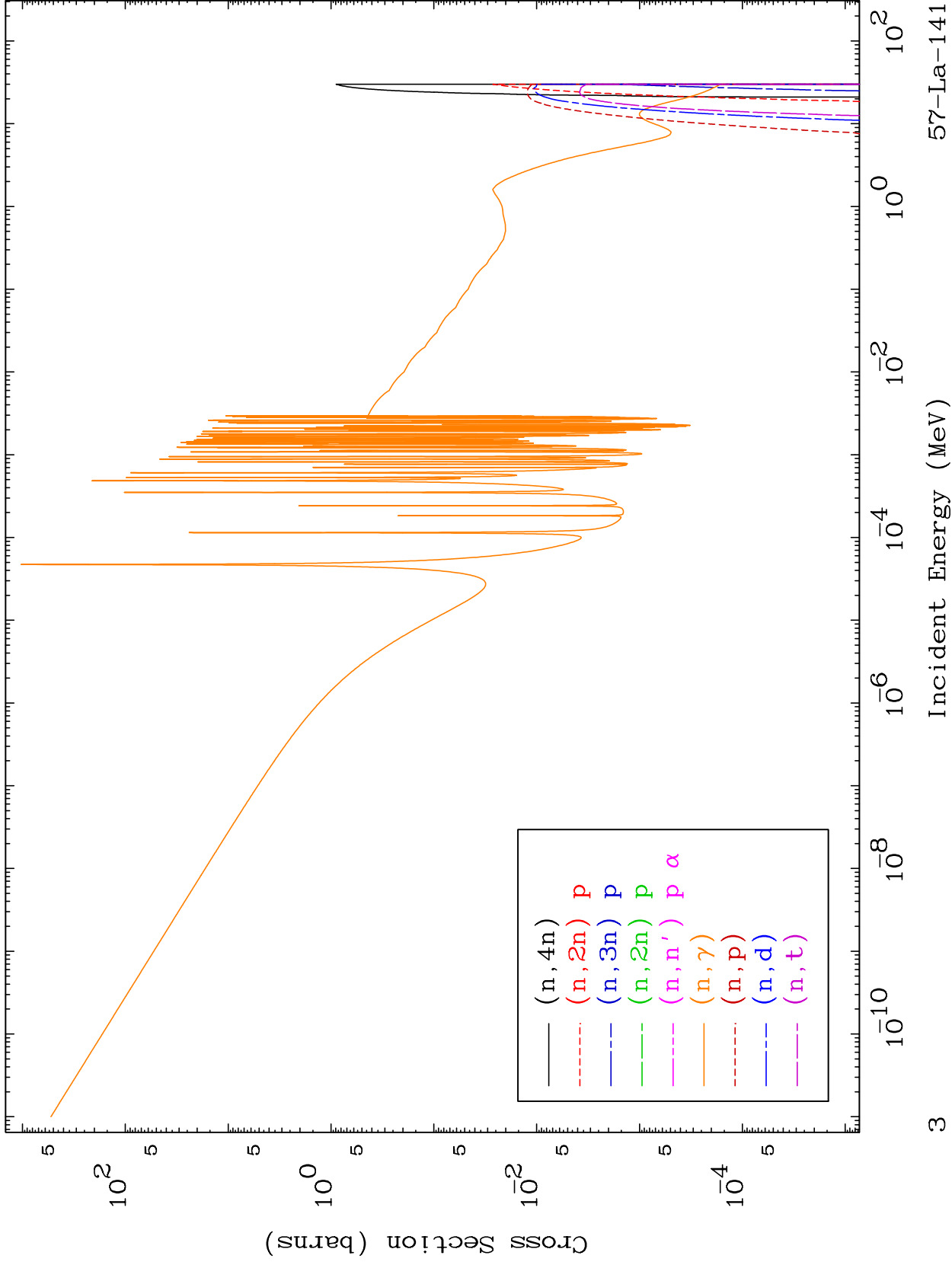
57-La-141

Incident Energy (MeV)

MAT 5734

Neutron Absorption
293 Kelvin Cross Sections

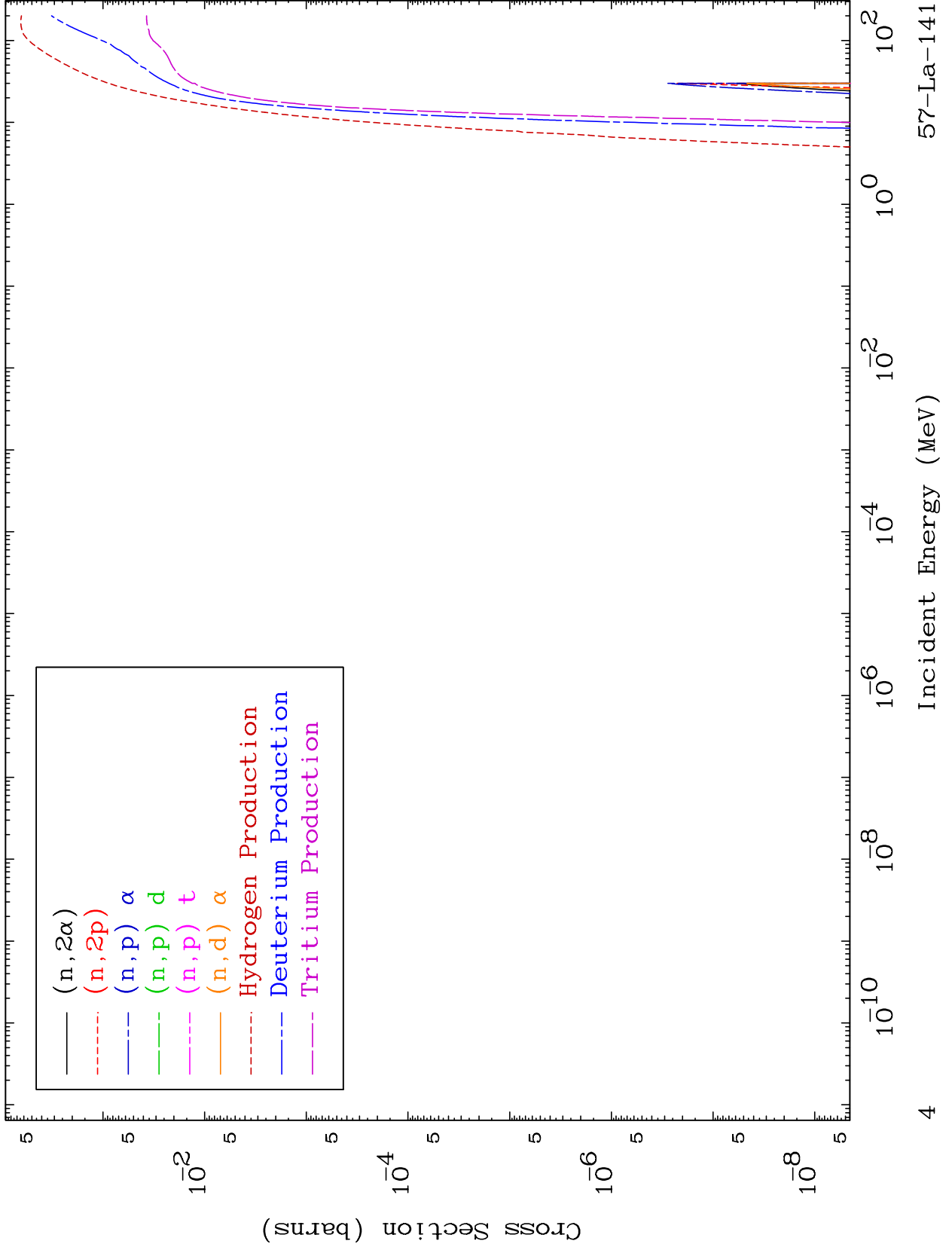
57-La-141



MAT 5734

Neutron Absorption
293 Kelvin Cross Sections

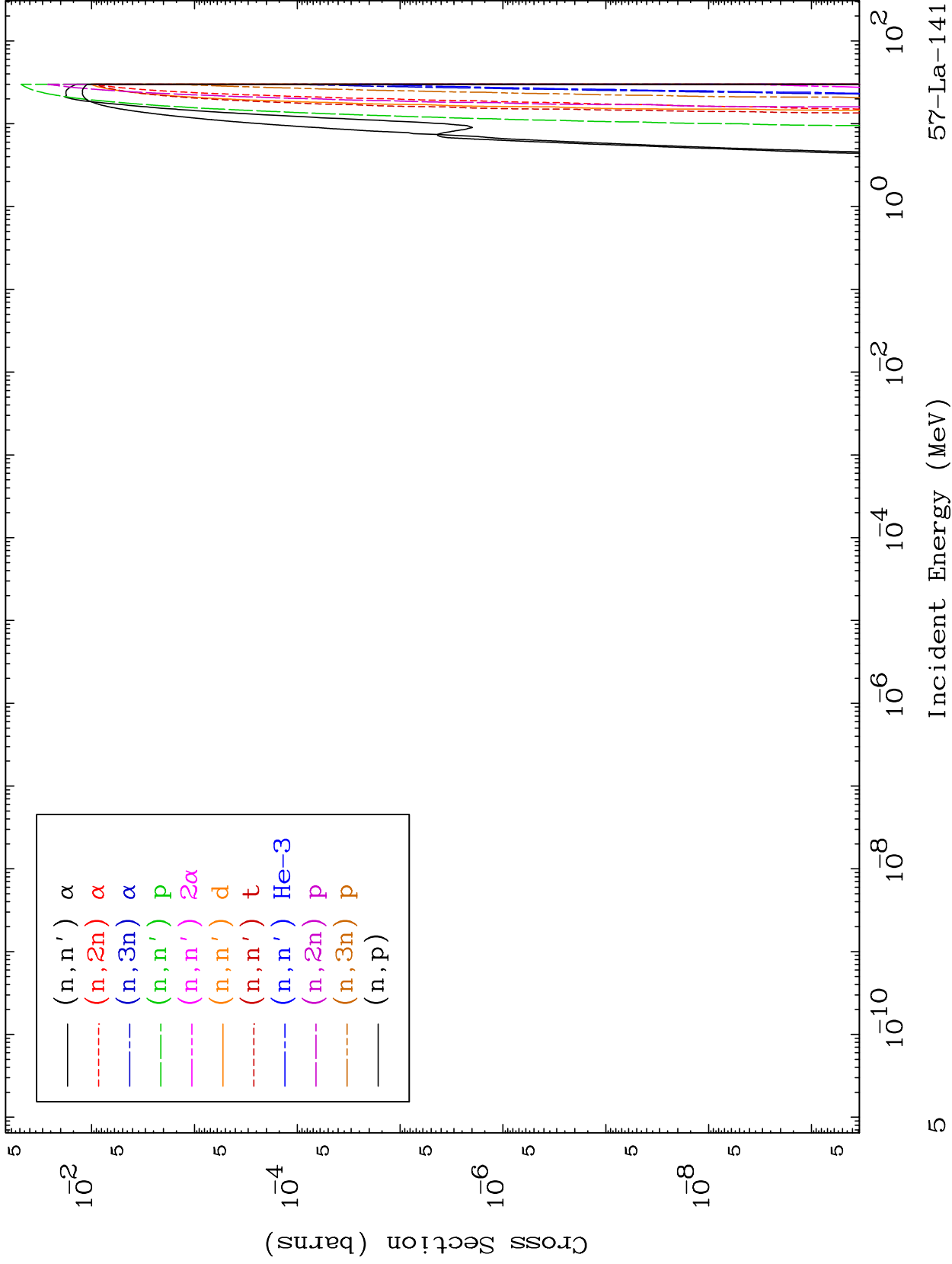
57-La-141



MAT 5734

Charged Particle
293 Kelvin Cross Sections

57-La-141



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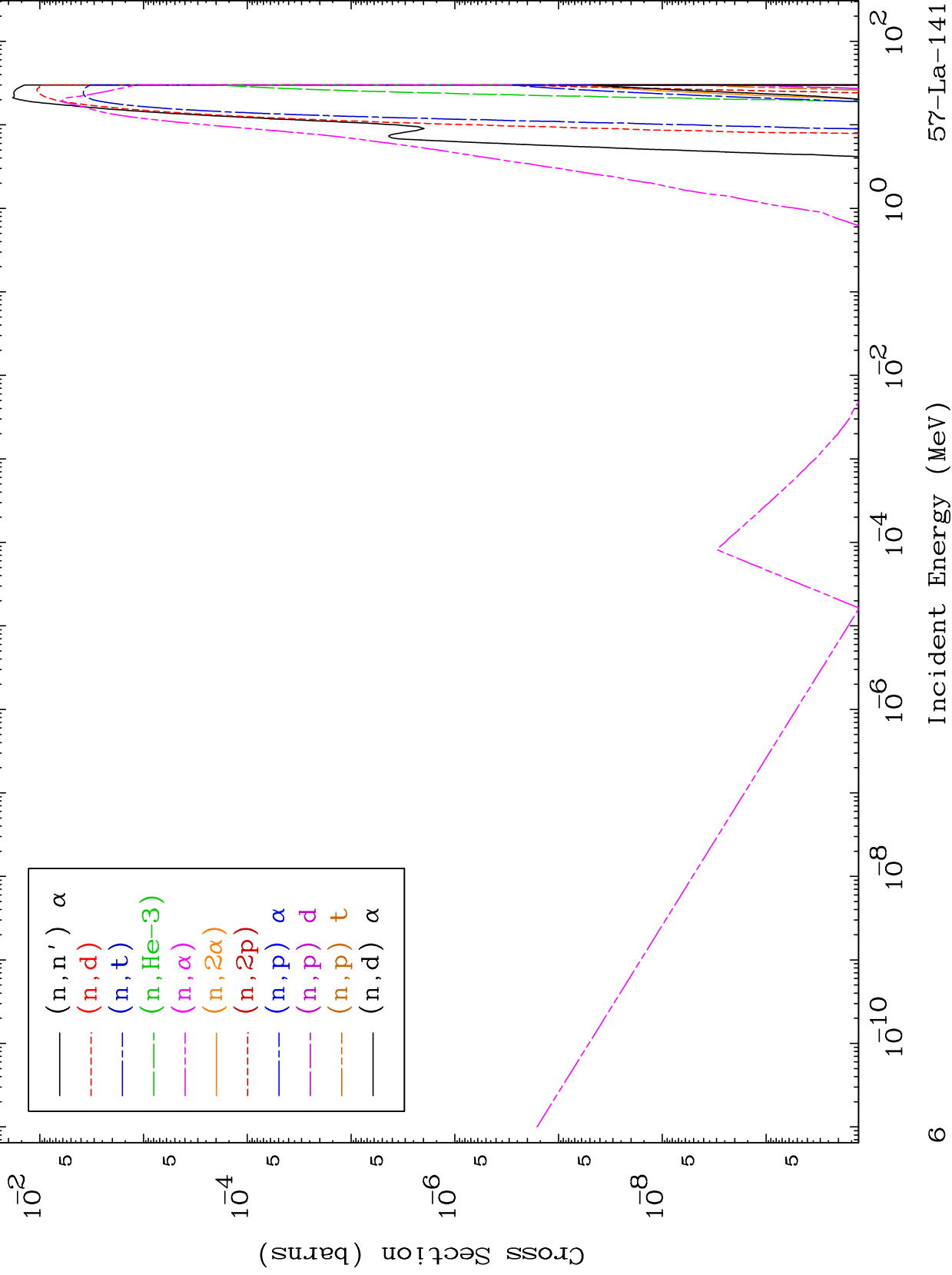
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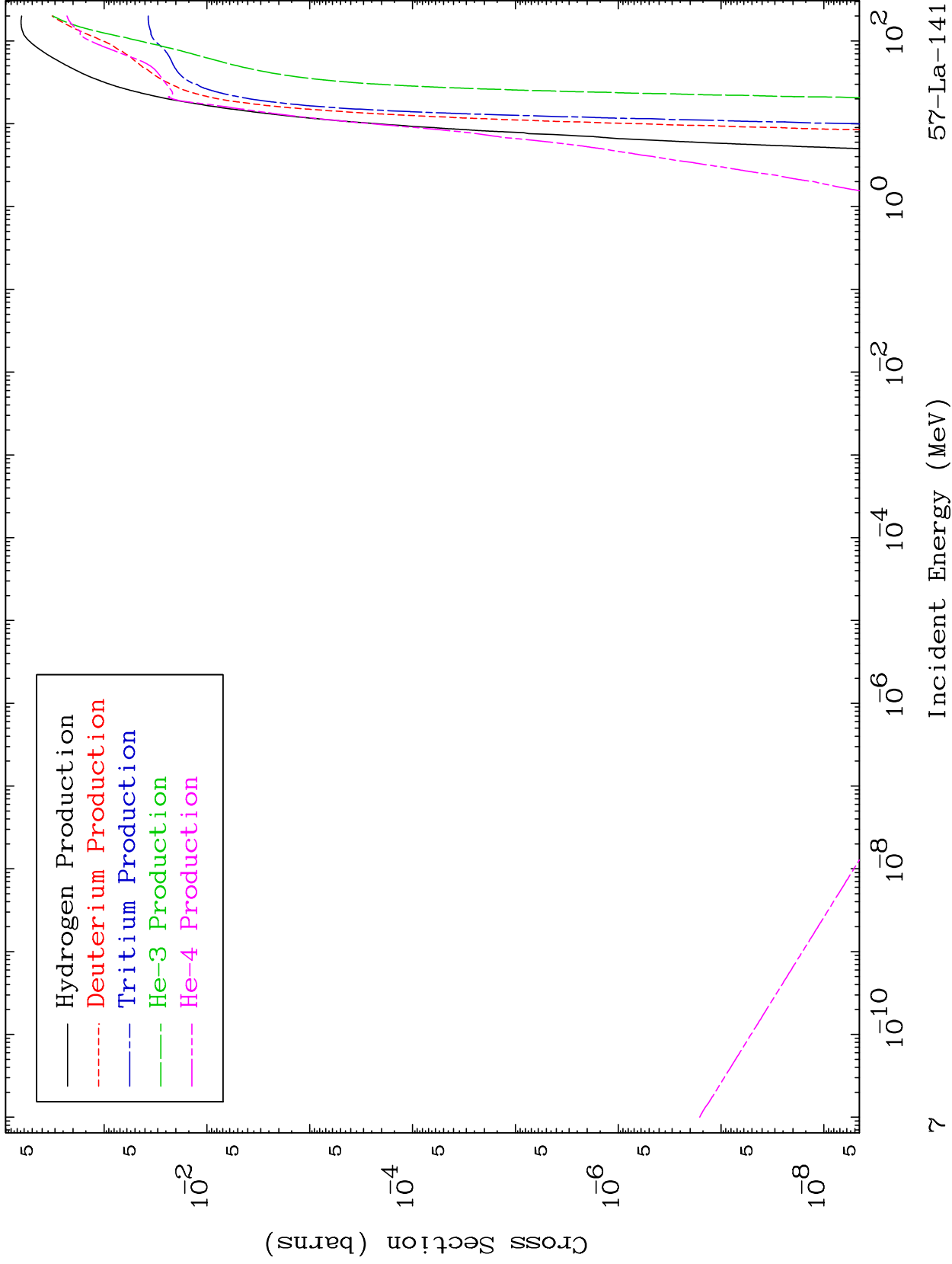
57-La-141

MAT 5734

Charged Particle
293 Kelvin Cross Sections

57-La-141



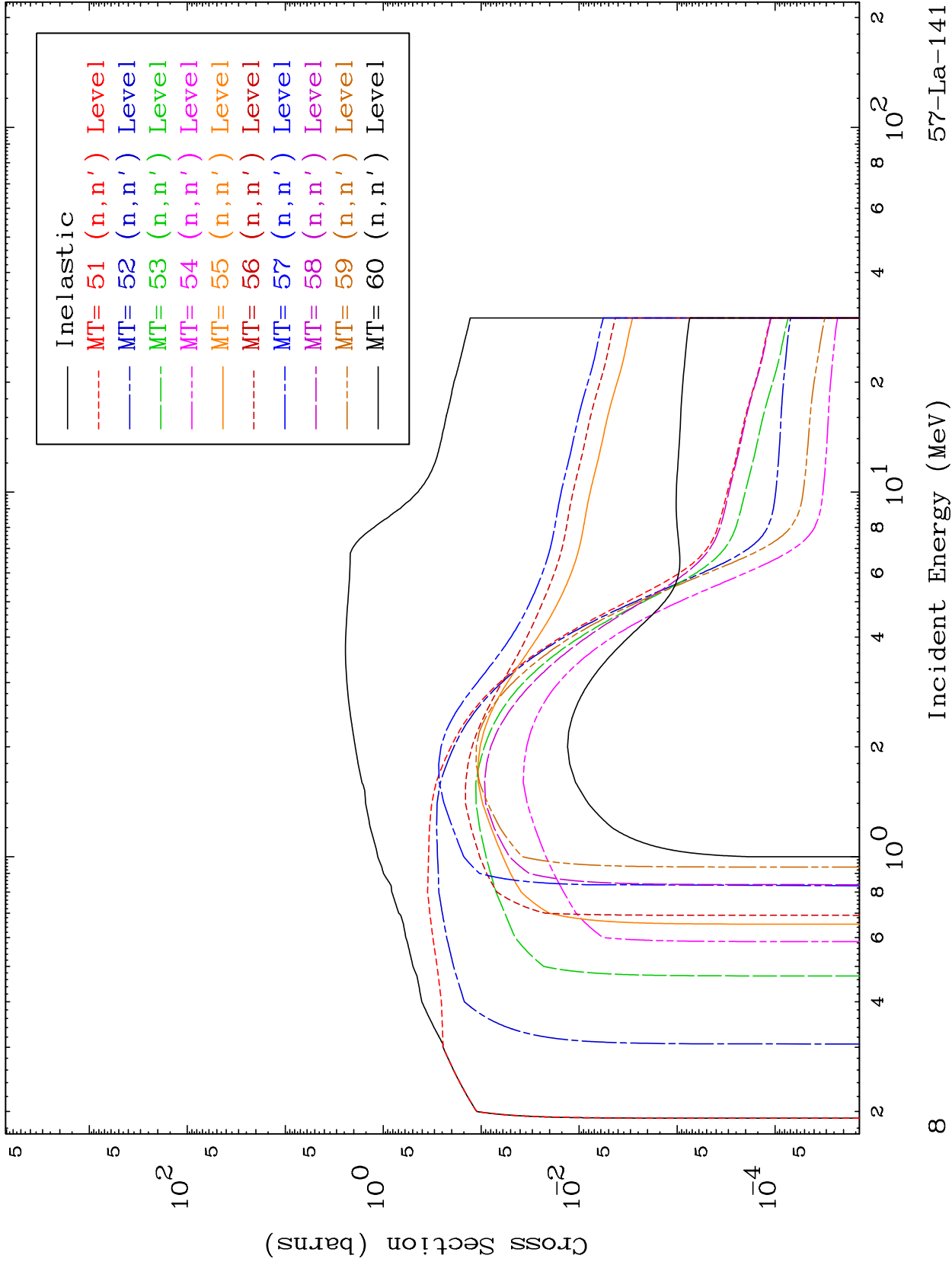


MAT 5734

(n,n') Levels

57-La-141

293 Kelvin Cross Sections

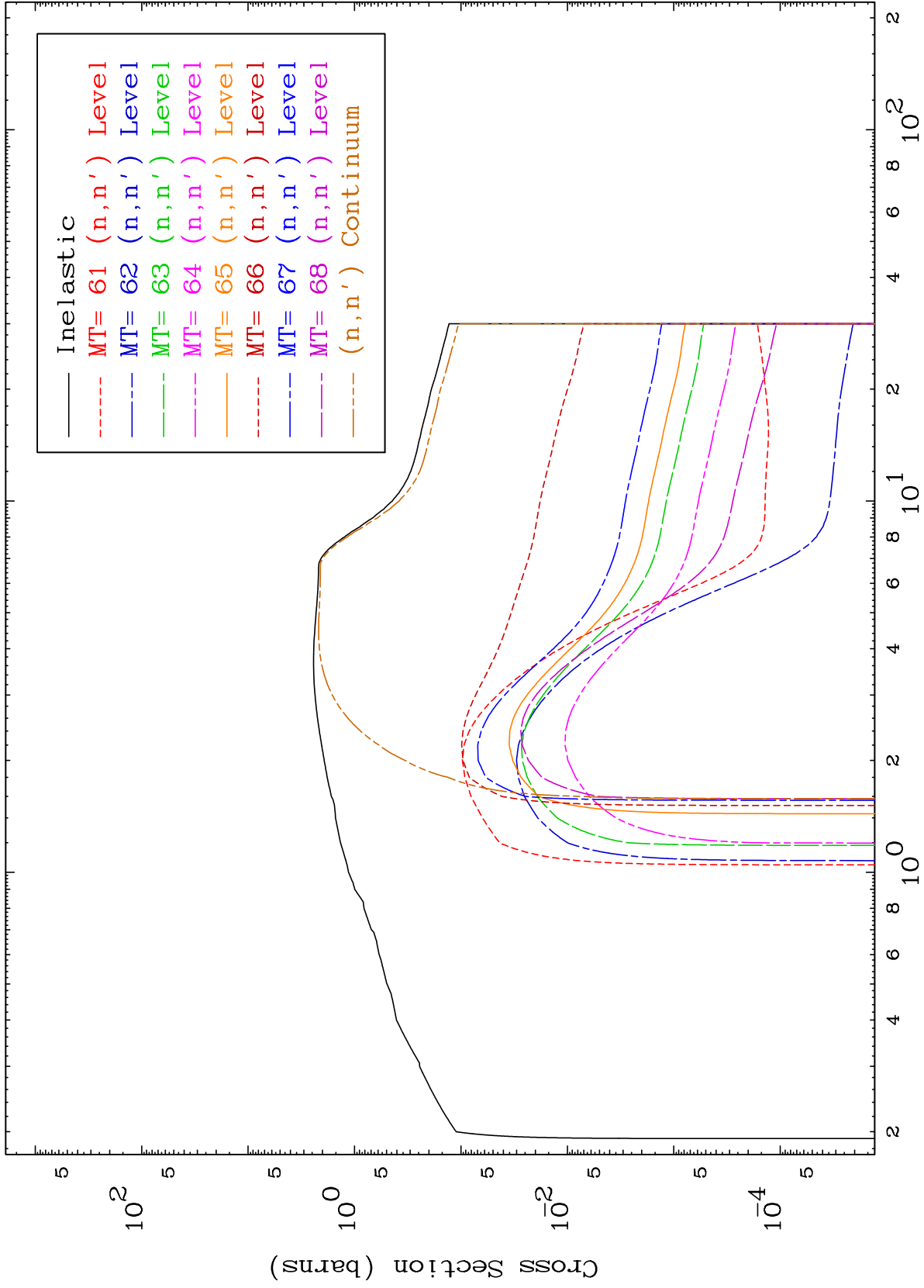


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Incident Energy (MeV)

57-La-141

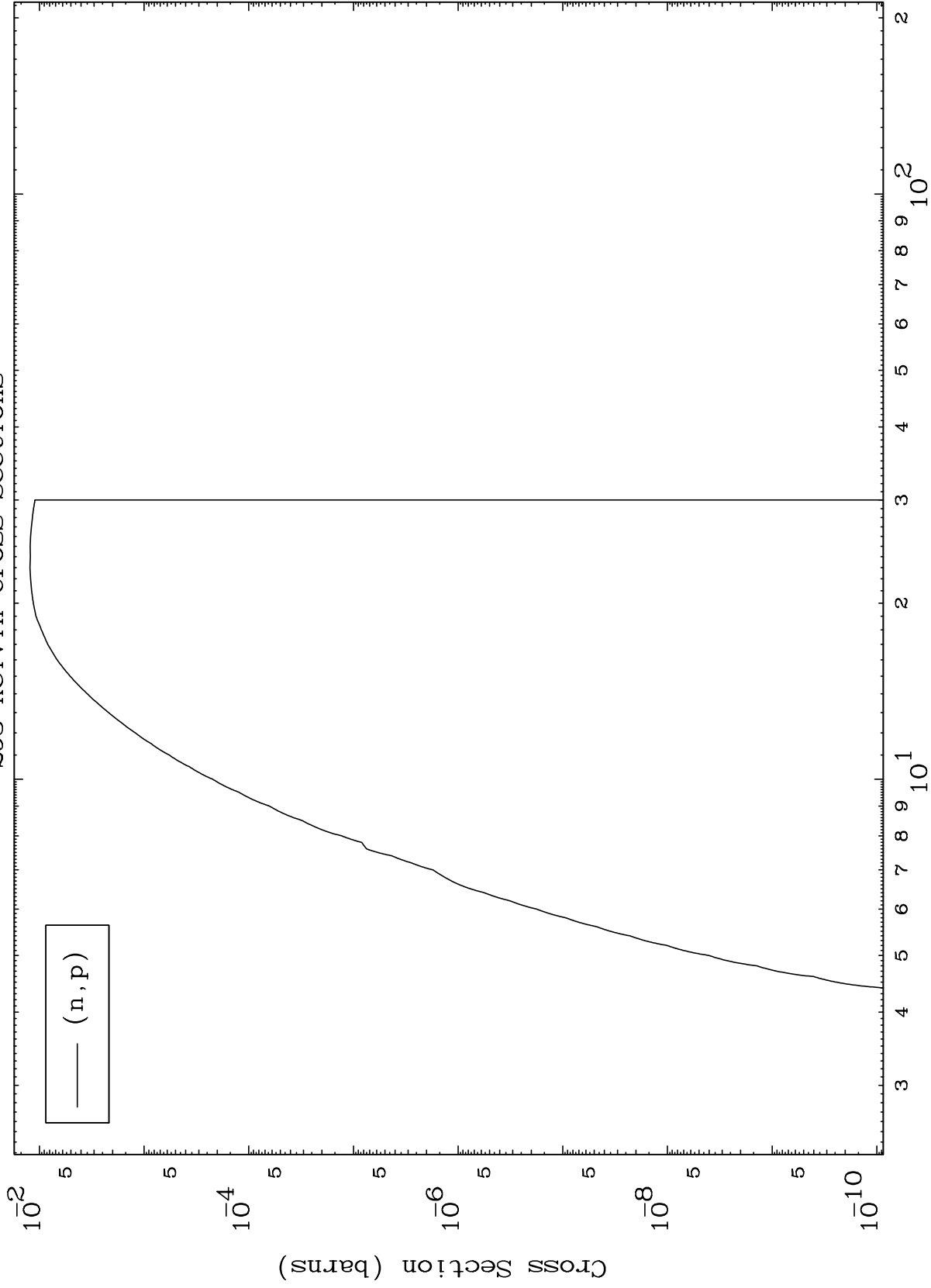
293 Kelvin Cross Sections



MAT 5734

(n,p) Levels
293 Kelvin Cross Sections

57-La-141



10

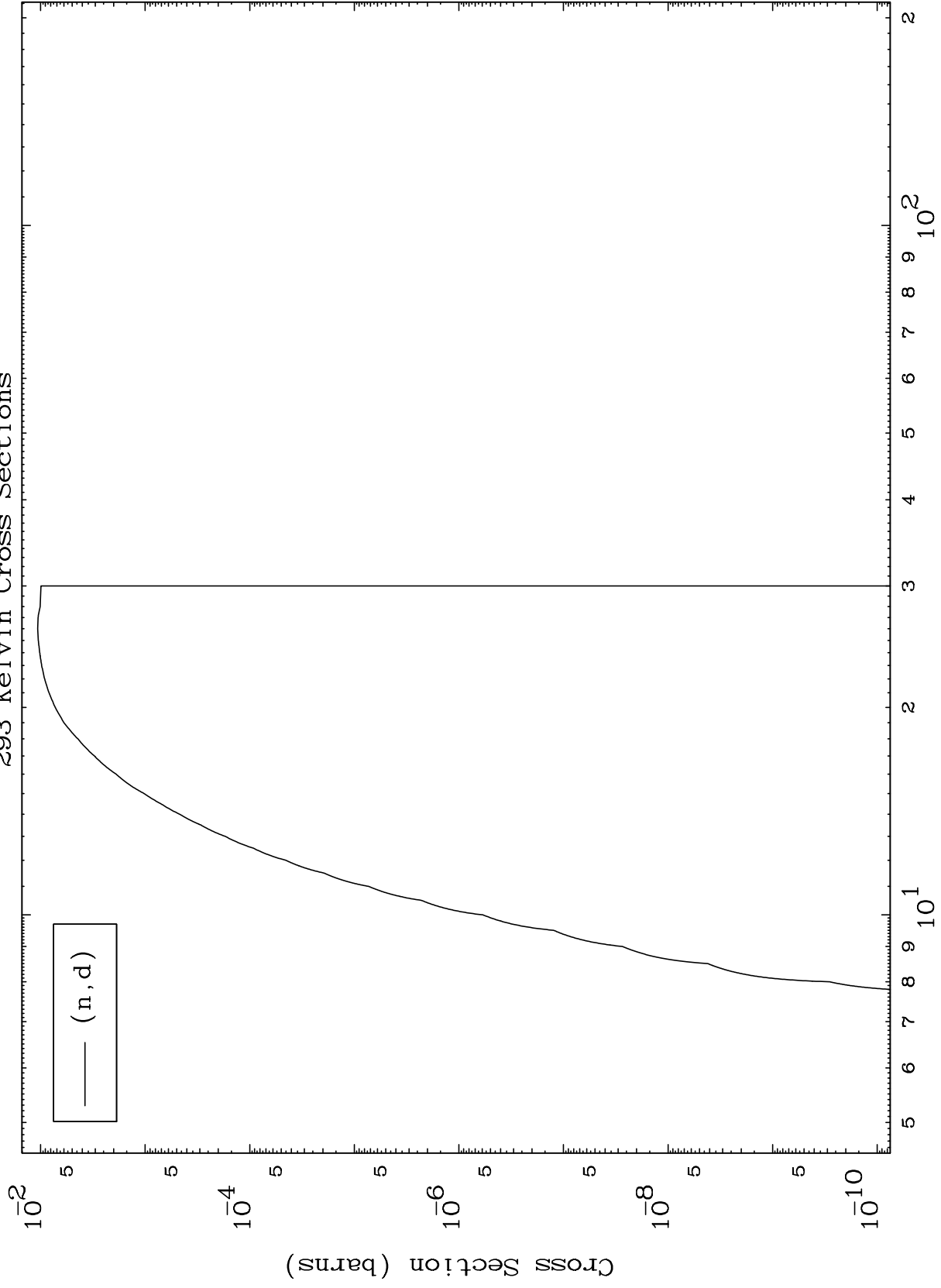
Incident Energy (MeV)

57-La-141

MAT 5734

(n,d) Levels
293 Kelvin Cross Sections

57-La-141



11

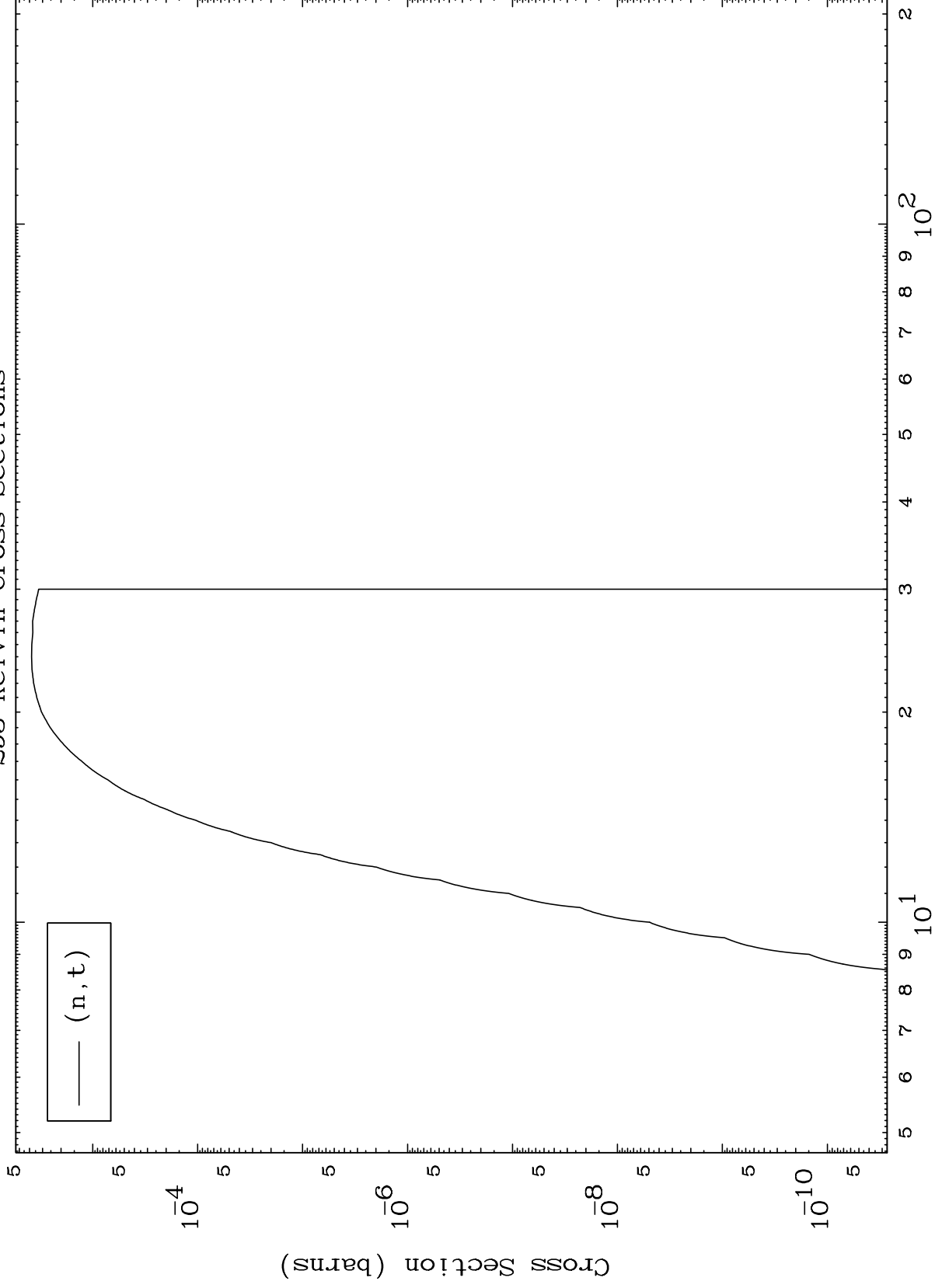
Incident Energy (MeV)

57-La-141

MAT 5734

(n,t) Levels
293 Kelvin Cross Sections

57-La-141



12

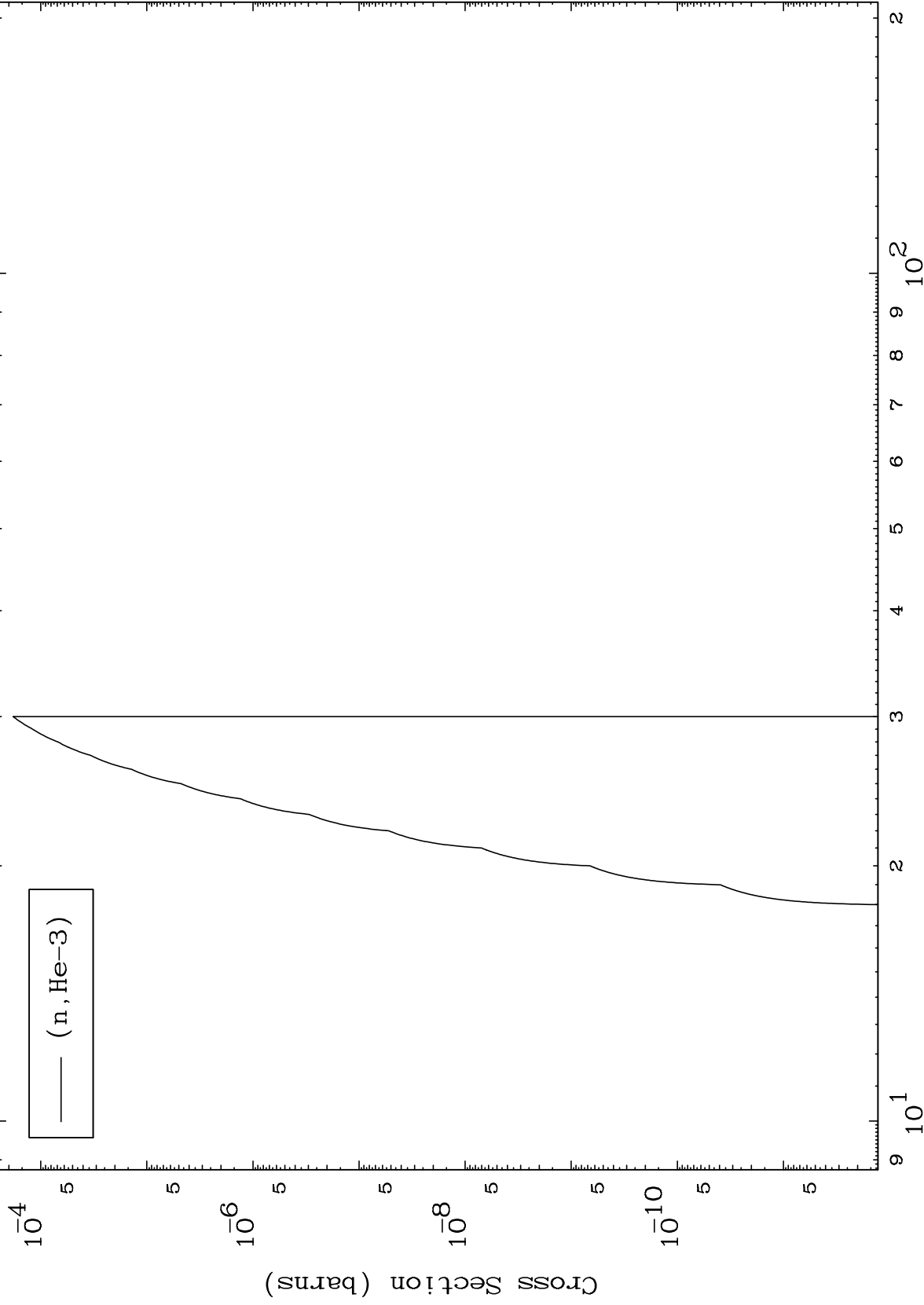
Incident Energy (MeV)

57-La-141

MAT 5734

(n,He3) Levels
293 Kelvin Cross Sections

57-La-141



13

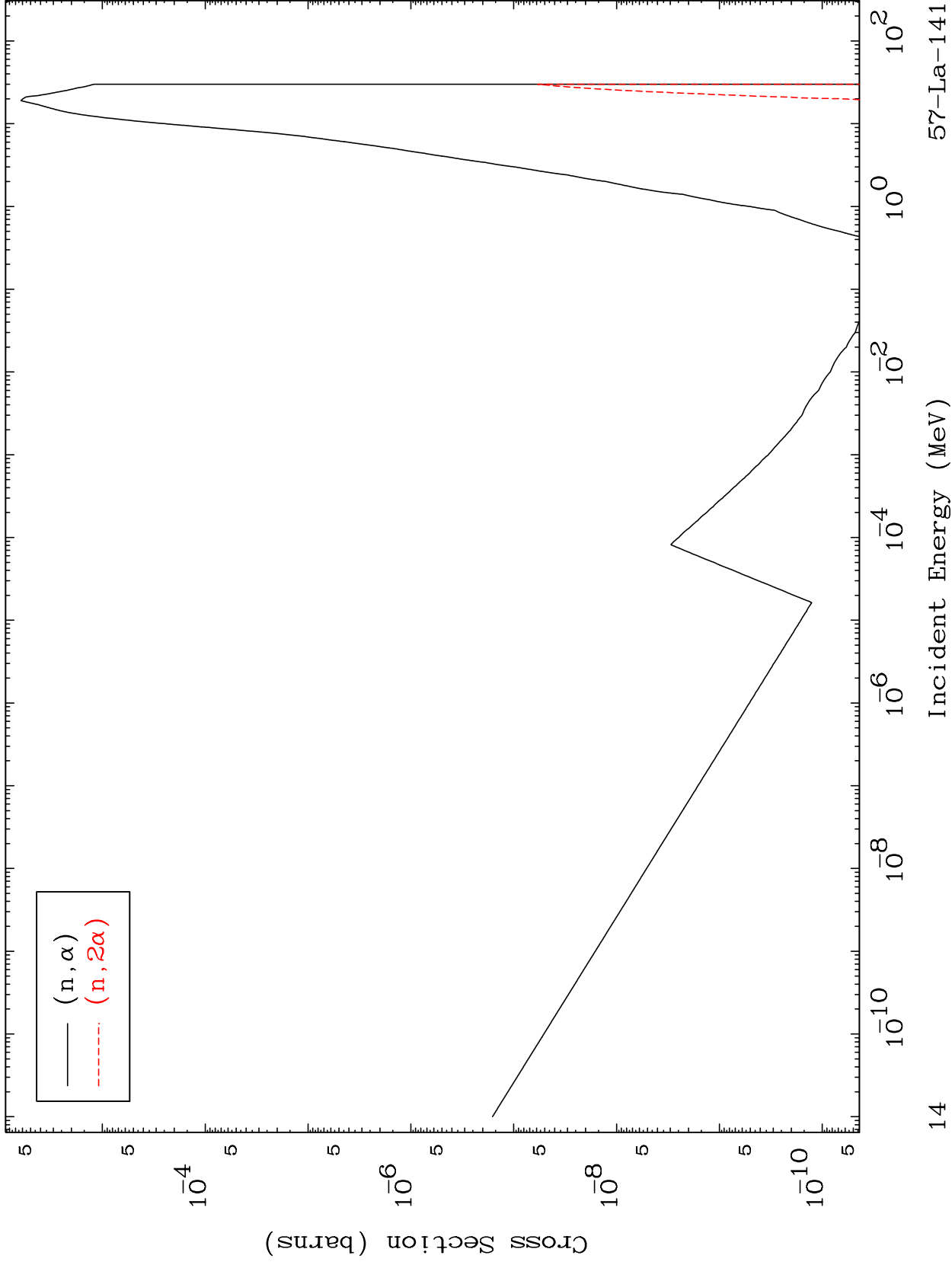
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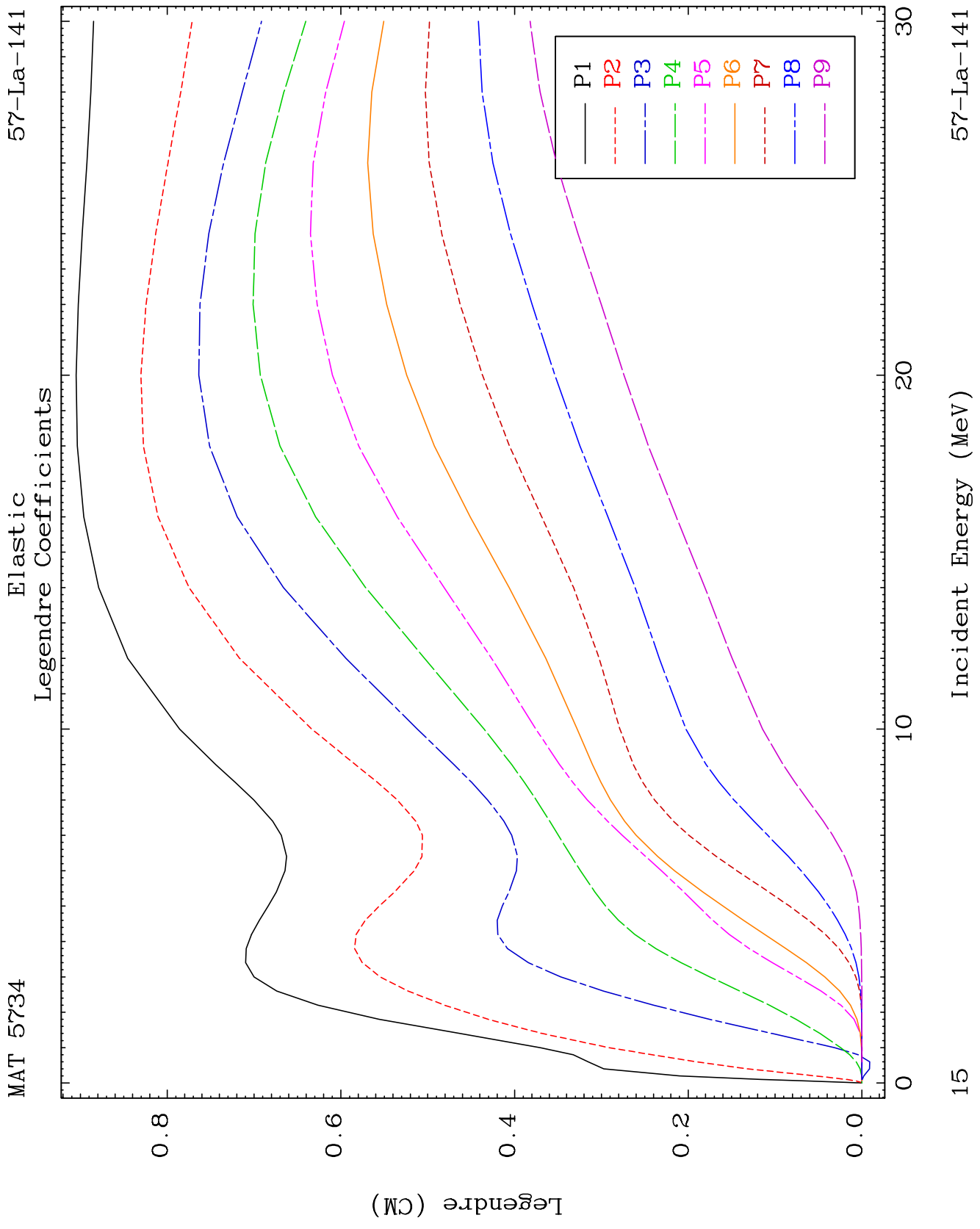
57-La-141

MAT 5734

(n, α) Levels
293 Kelvin Cross Sections

57-La-141

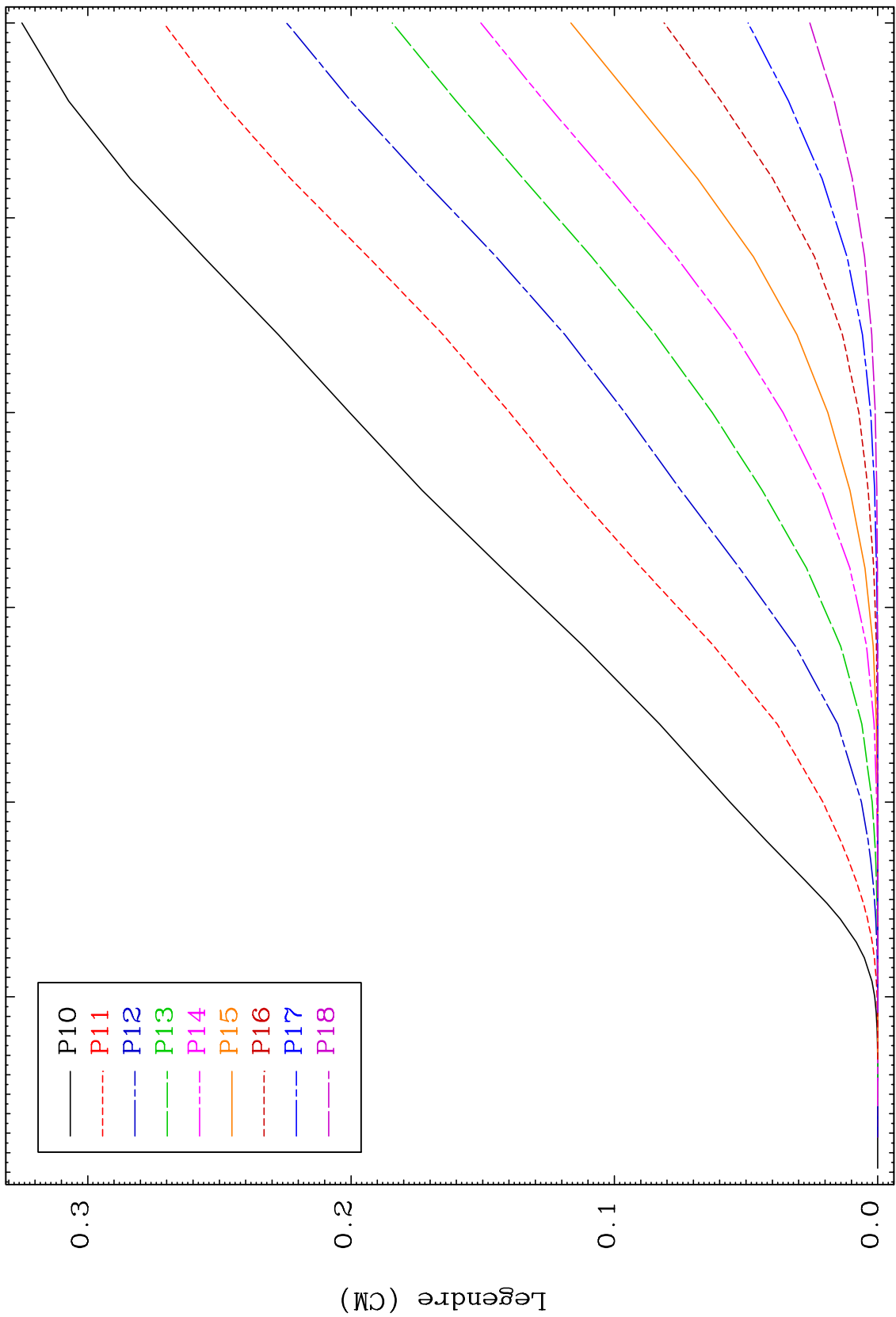




MAT 5734

Elastic Legendre Coefficients

⁵⁷La-141



16

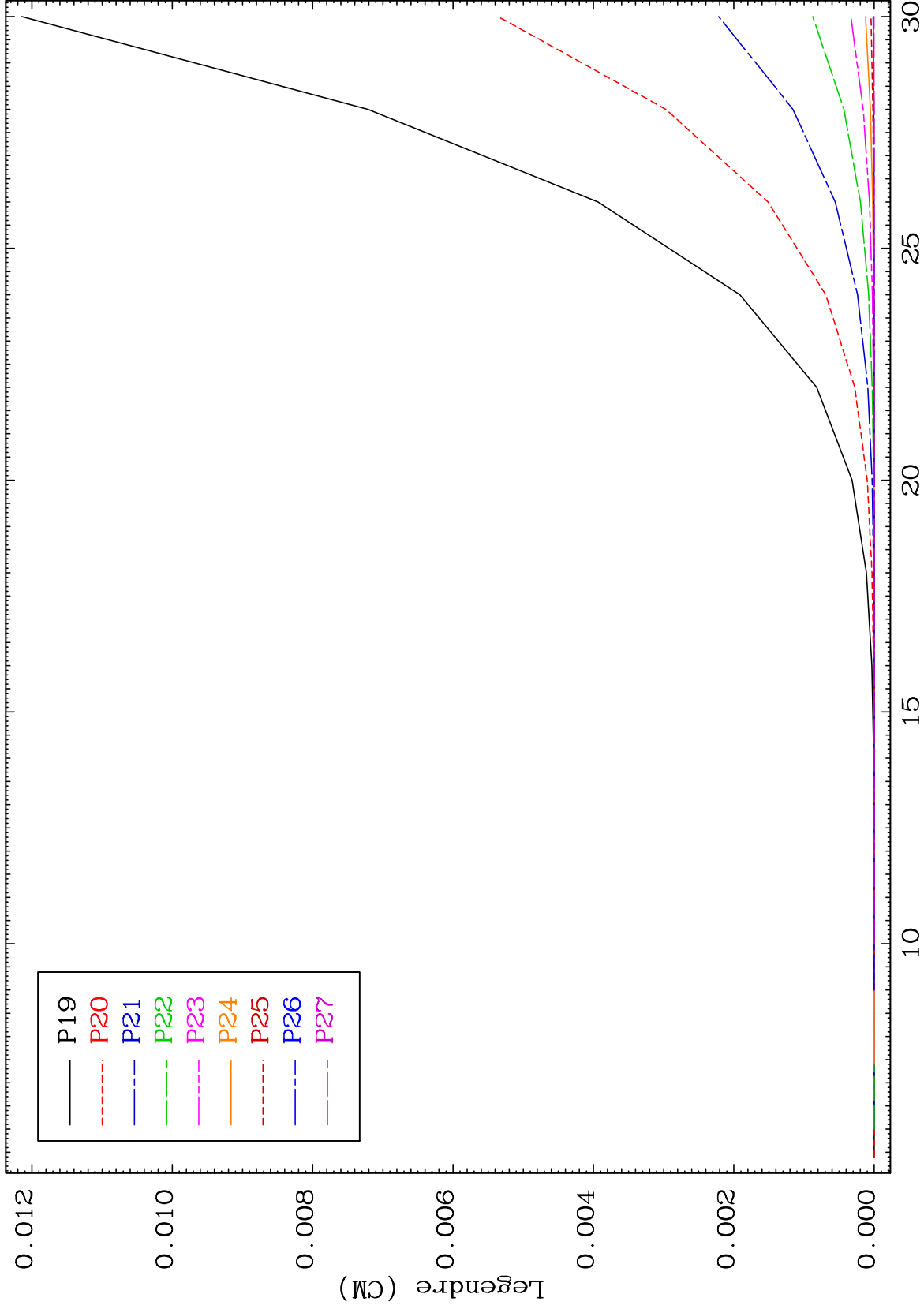
Incident Energy (MeV)

⁵⁷La-141

MAT 5734

Elastic Legendre Coefficients

57-La-141



17

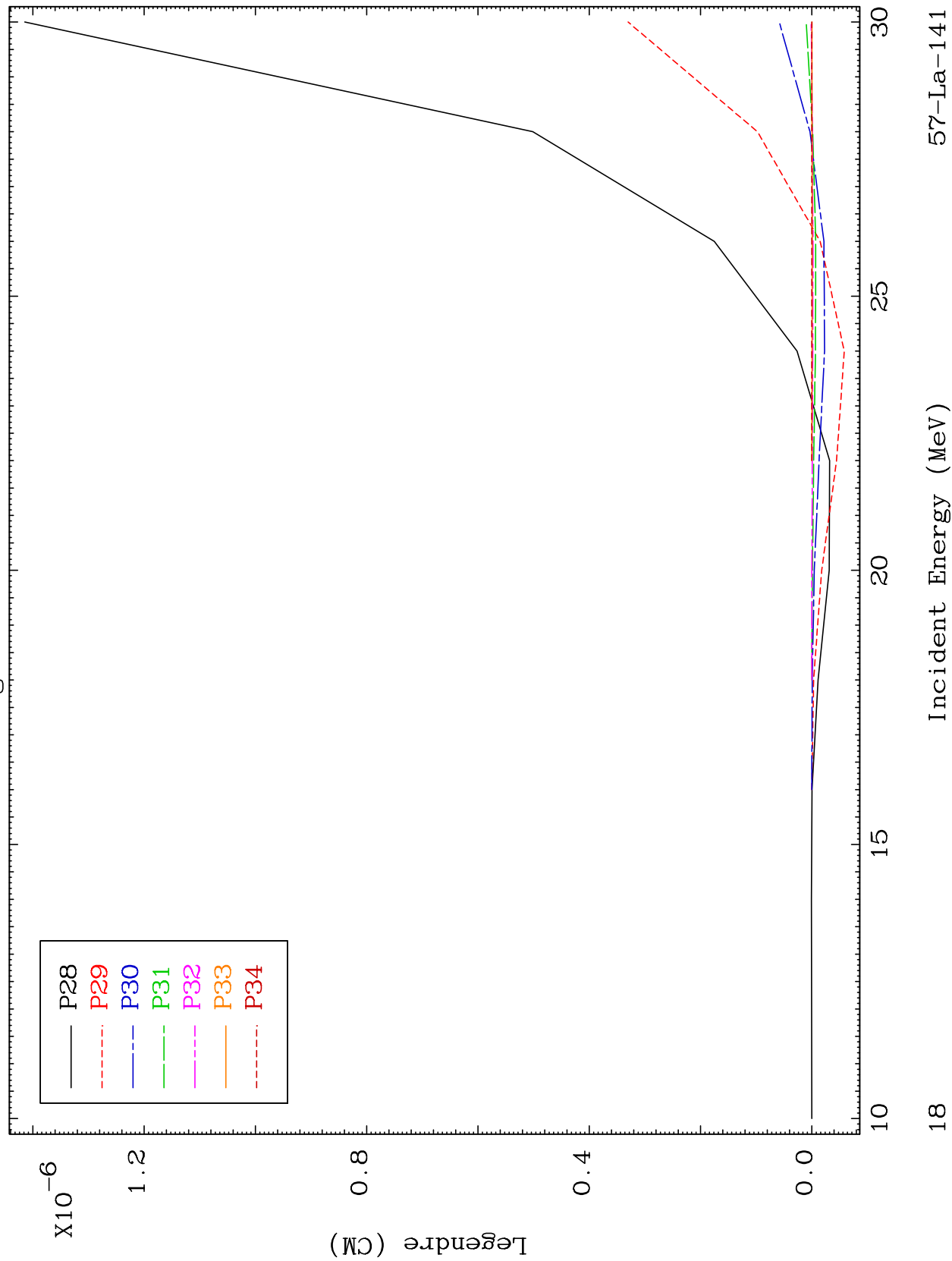
Incident Energy (MeV)

57-La-141

MAT 5734

Elastic Legendre Coefficients

57-La-141



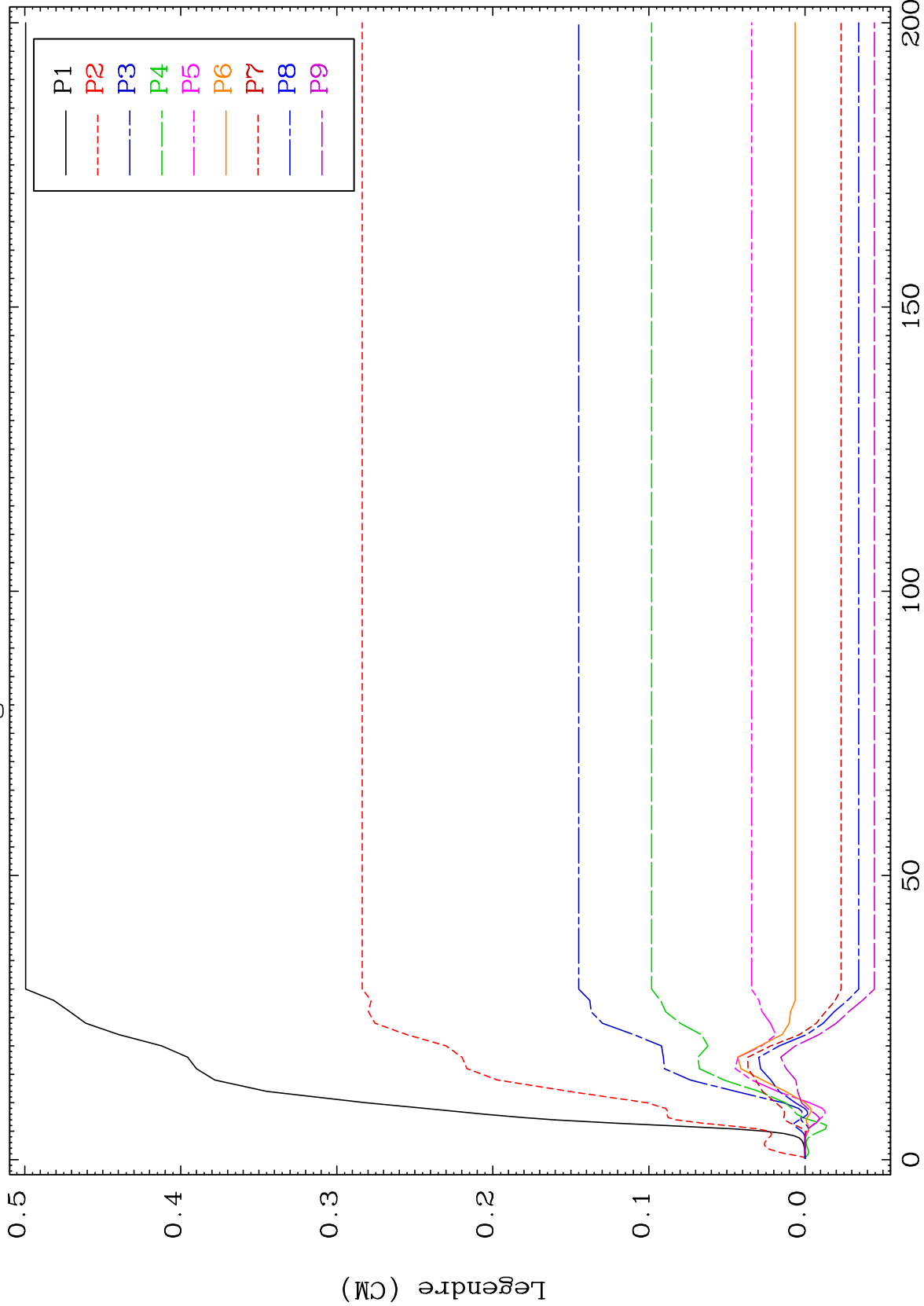
57-La-141

Incident Energy (MeV)

MAT 5734

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

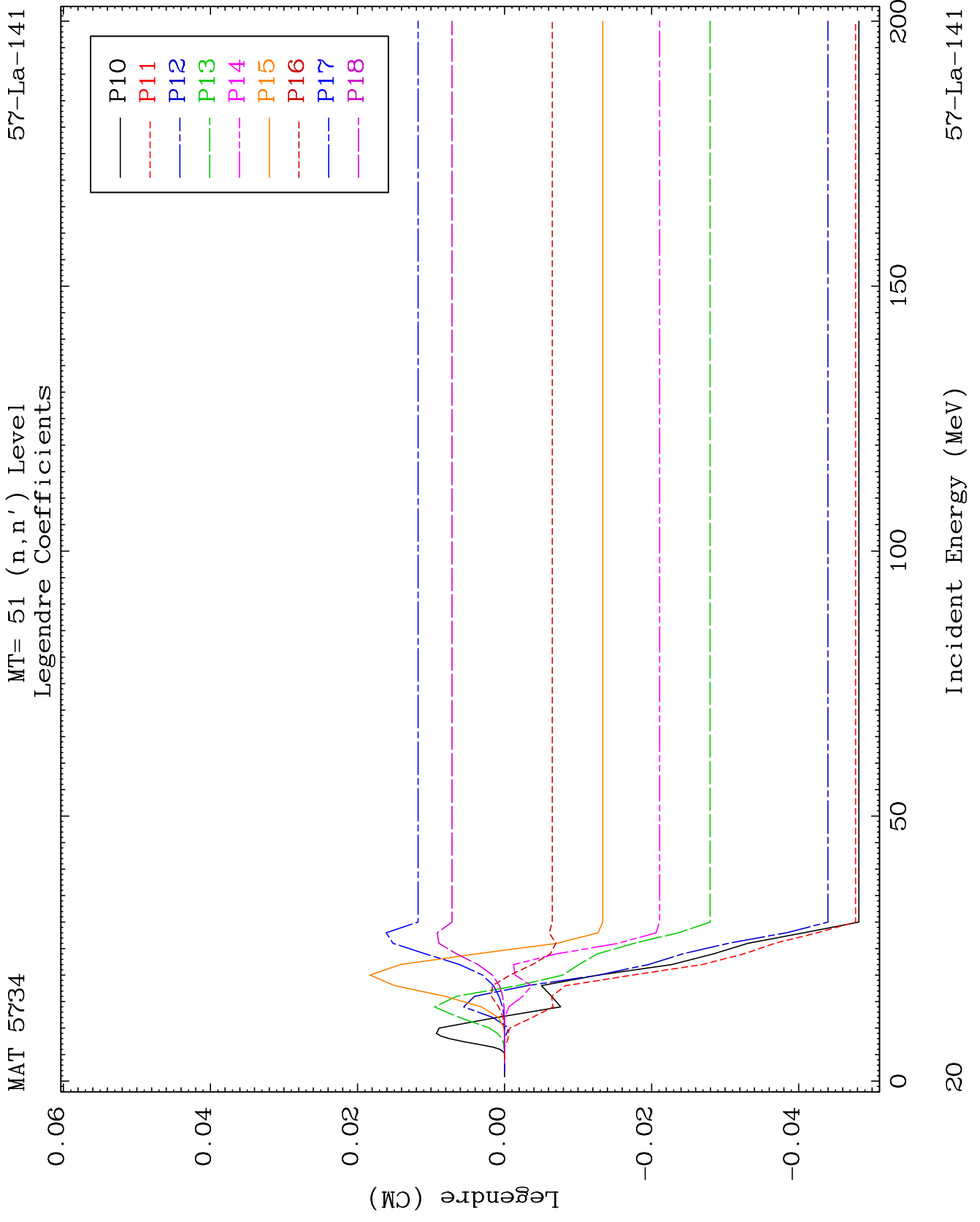
57-La-141



57-La-141

Incident Energy (MeV)

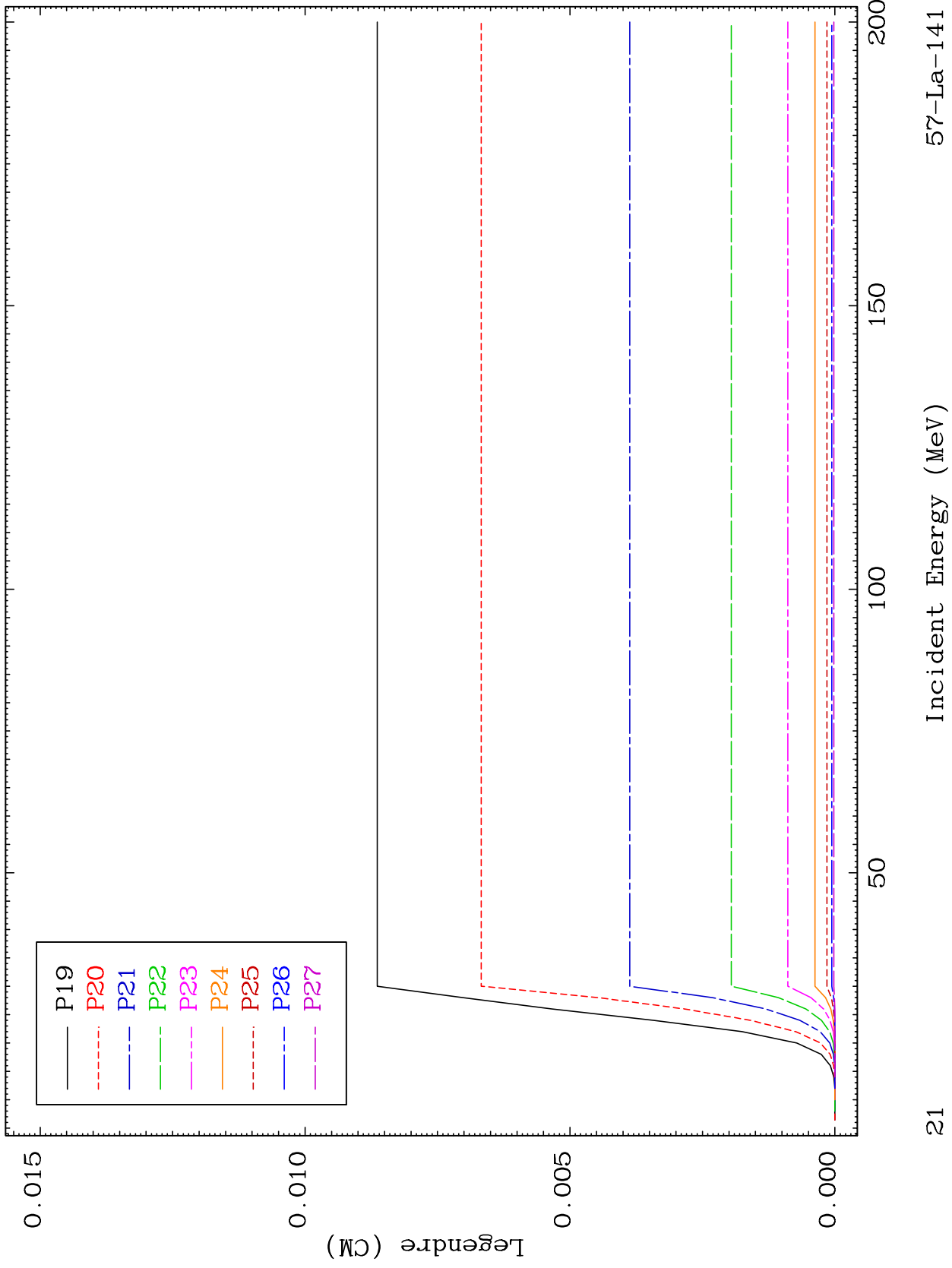
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MAT 5734

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

57-La-141



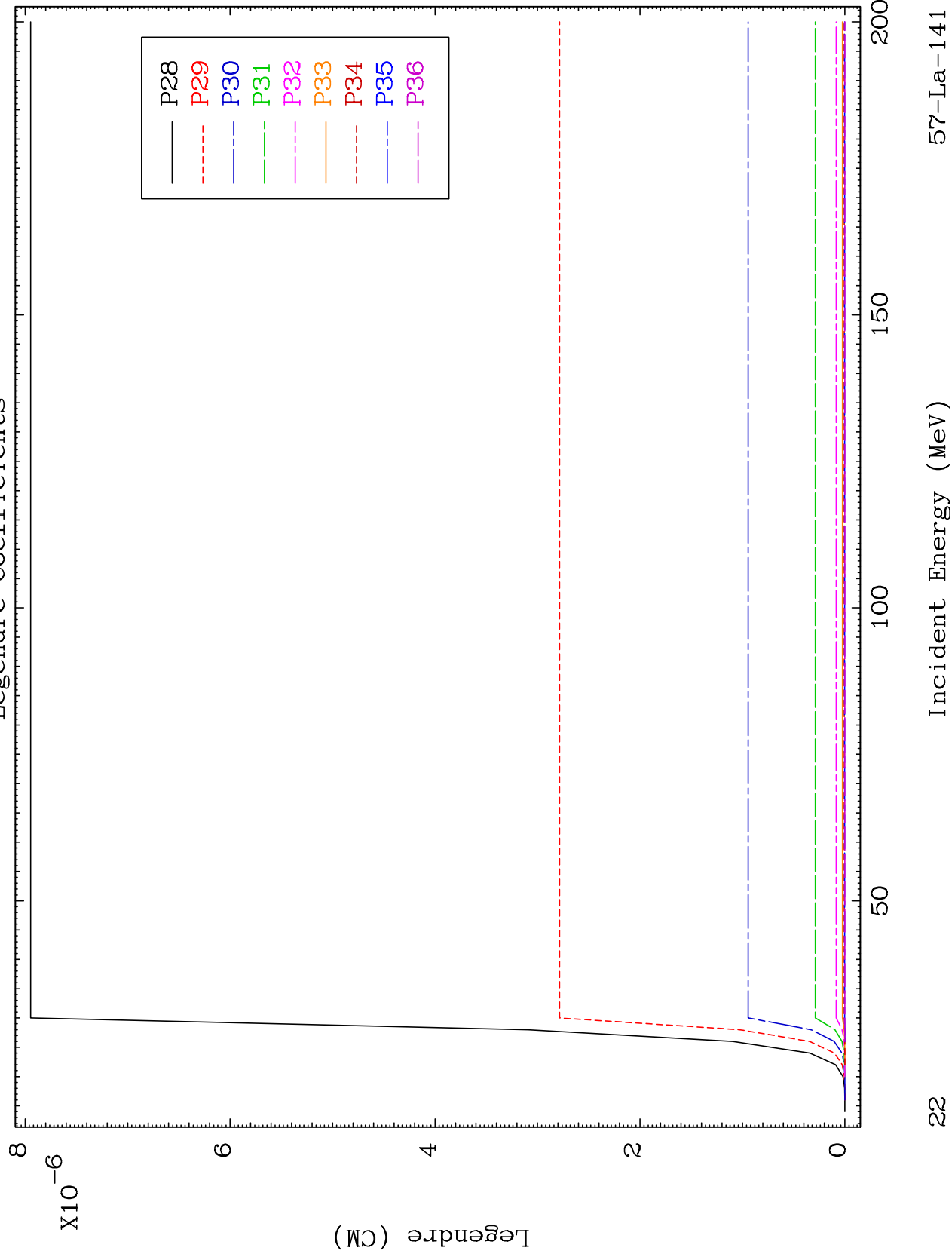
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57-La-141

MAT 5734

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

57-La-141



22

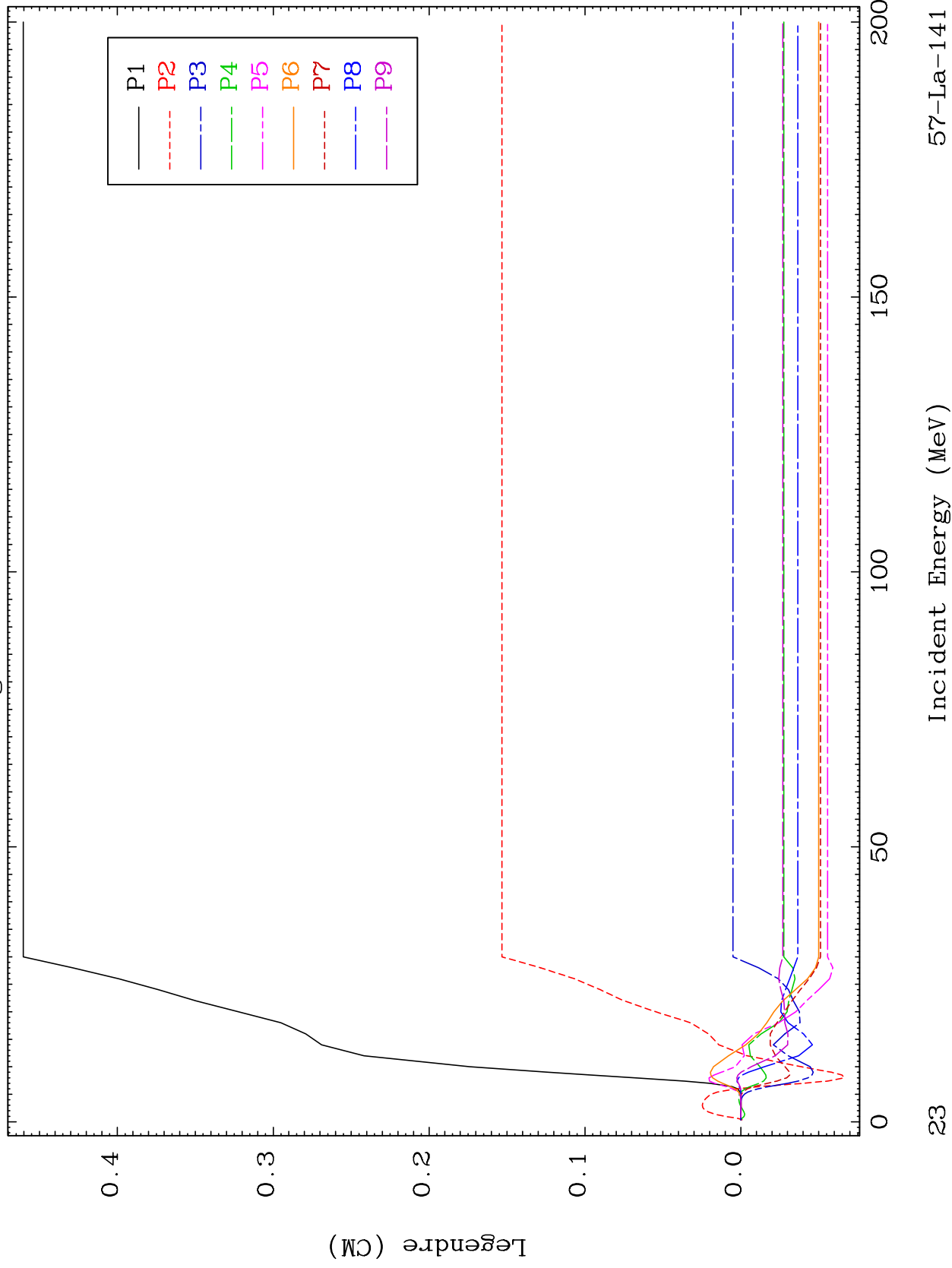
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141

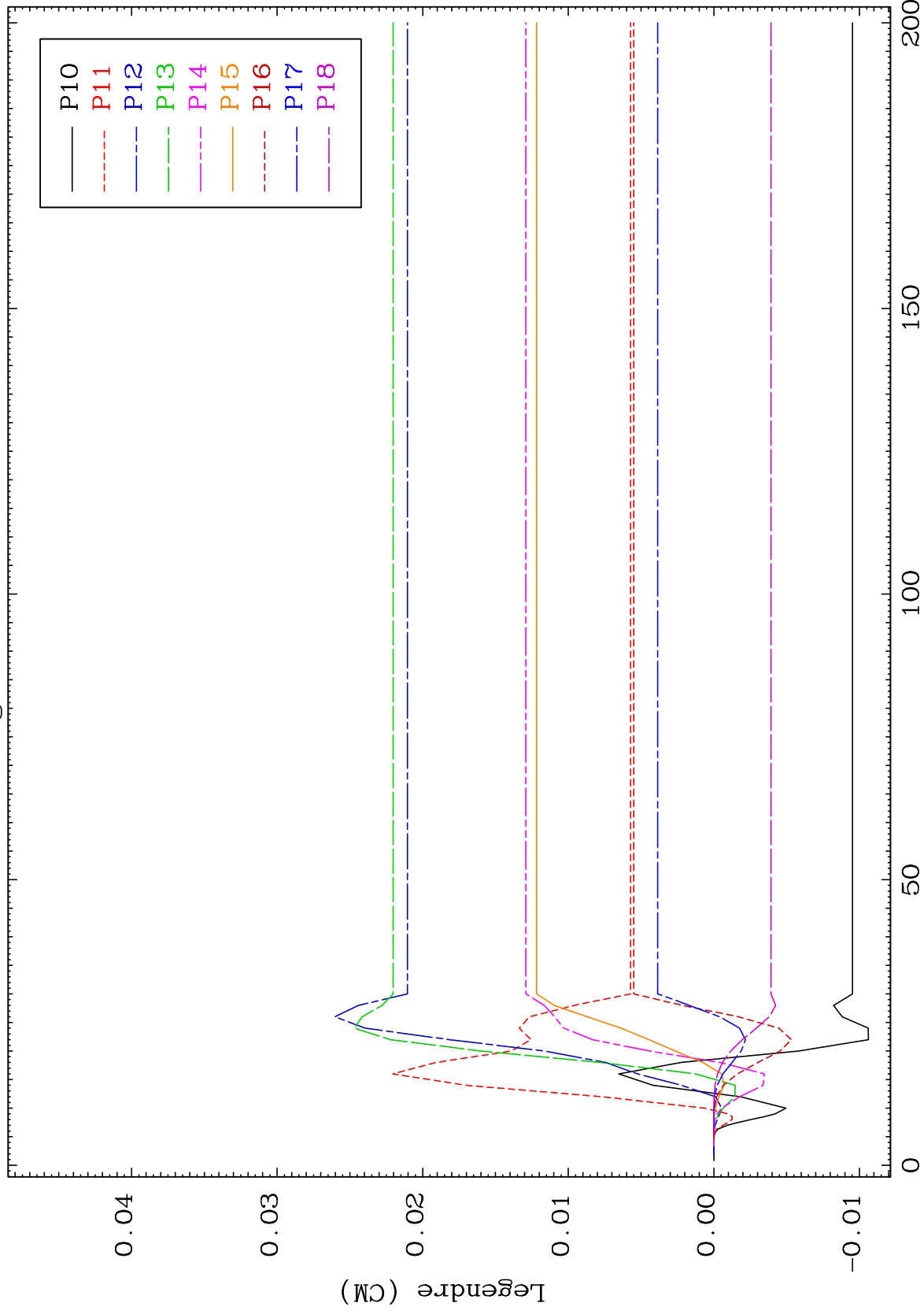


57-La-141

MAT 5734

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

57-La-141



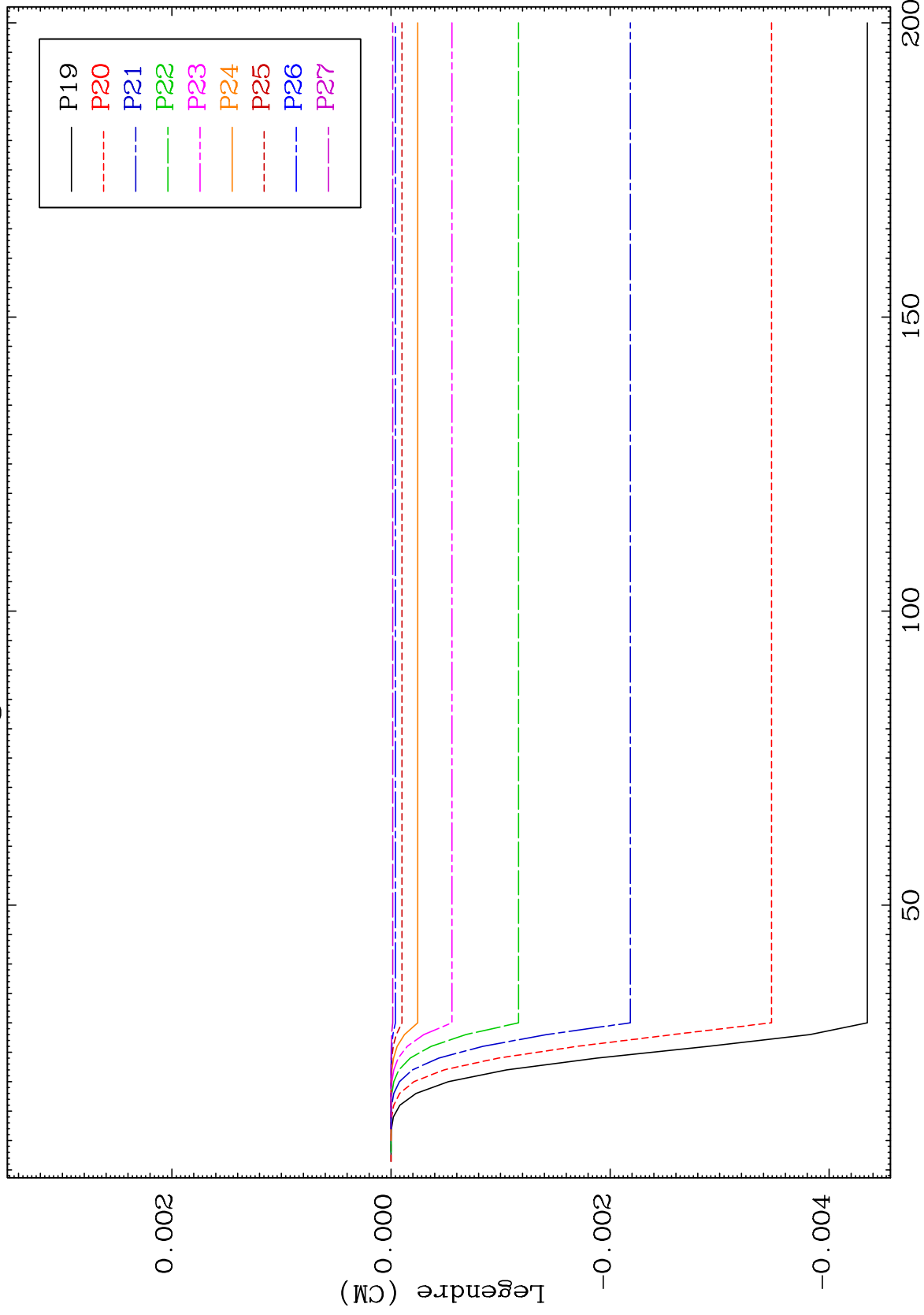
24

57-La-141

MAT 5734

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

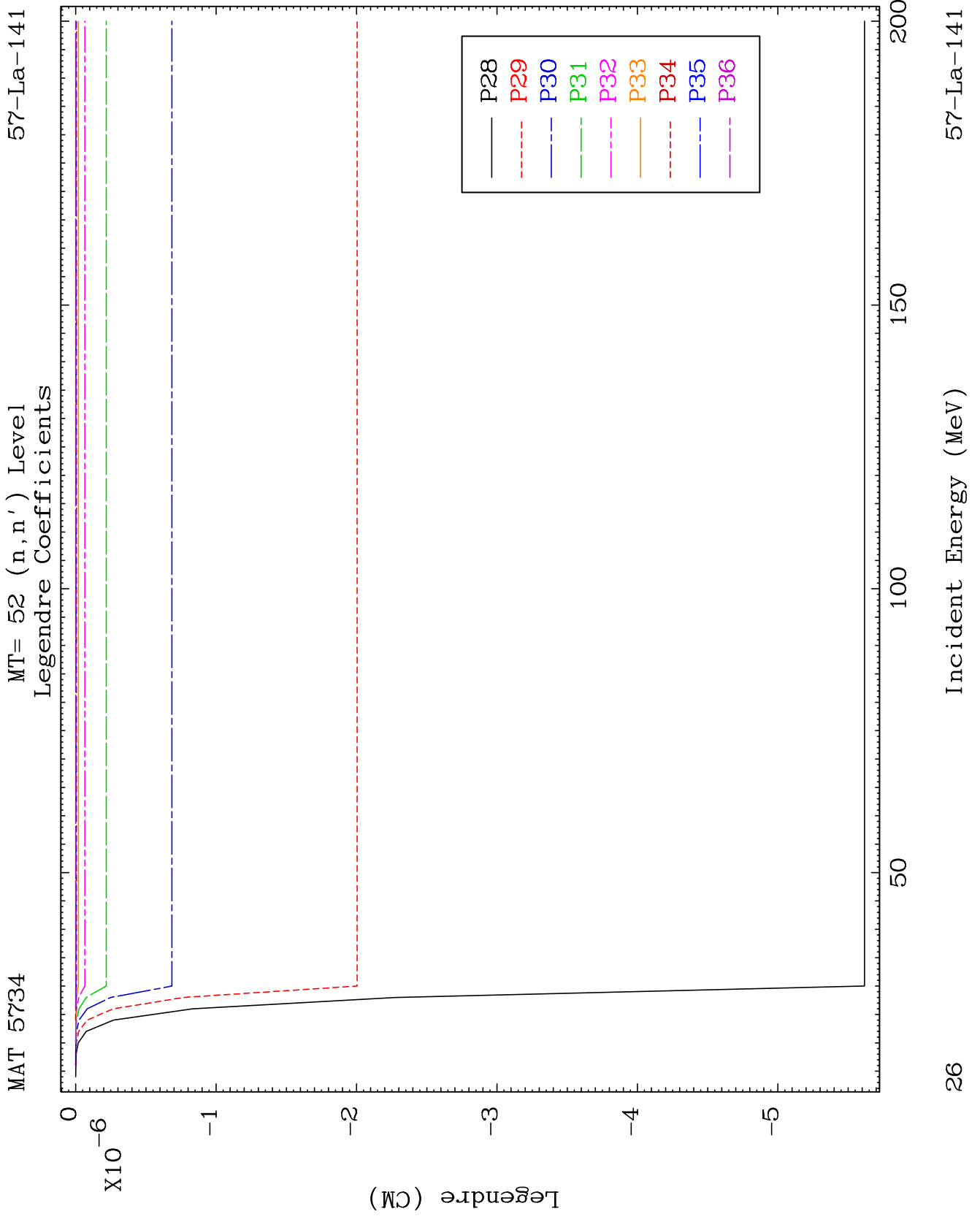
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25

Incident Energy (MeV)

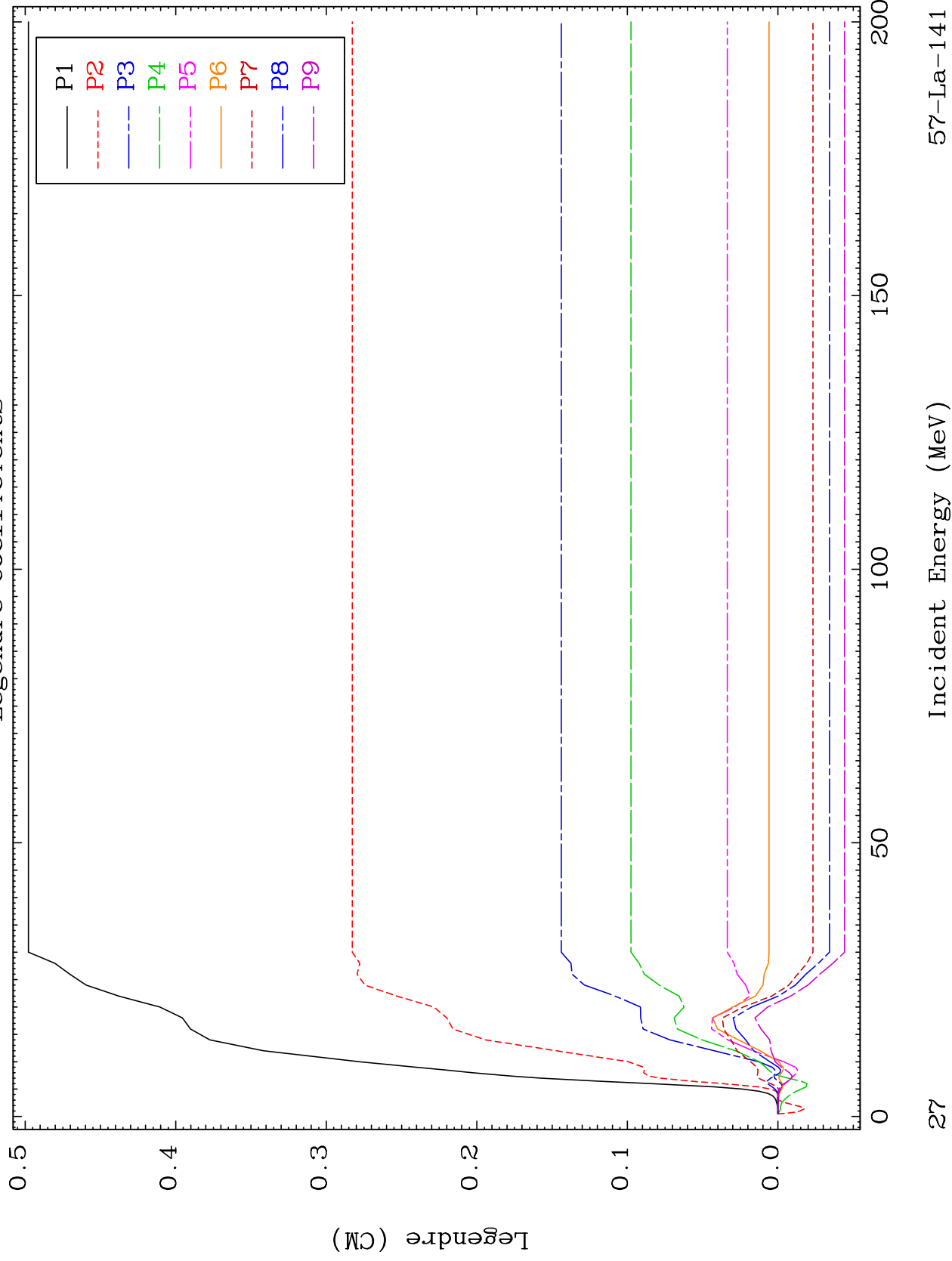
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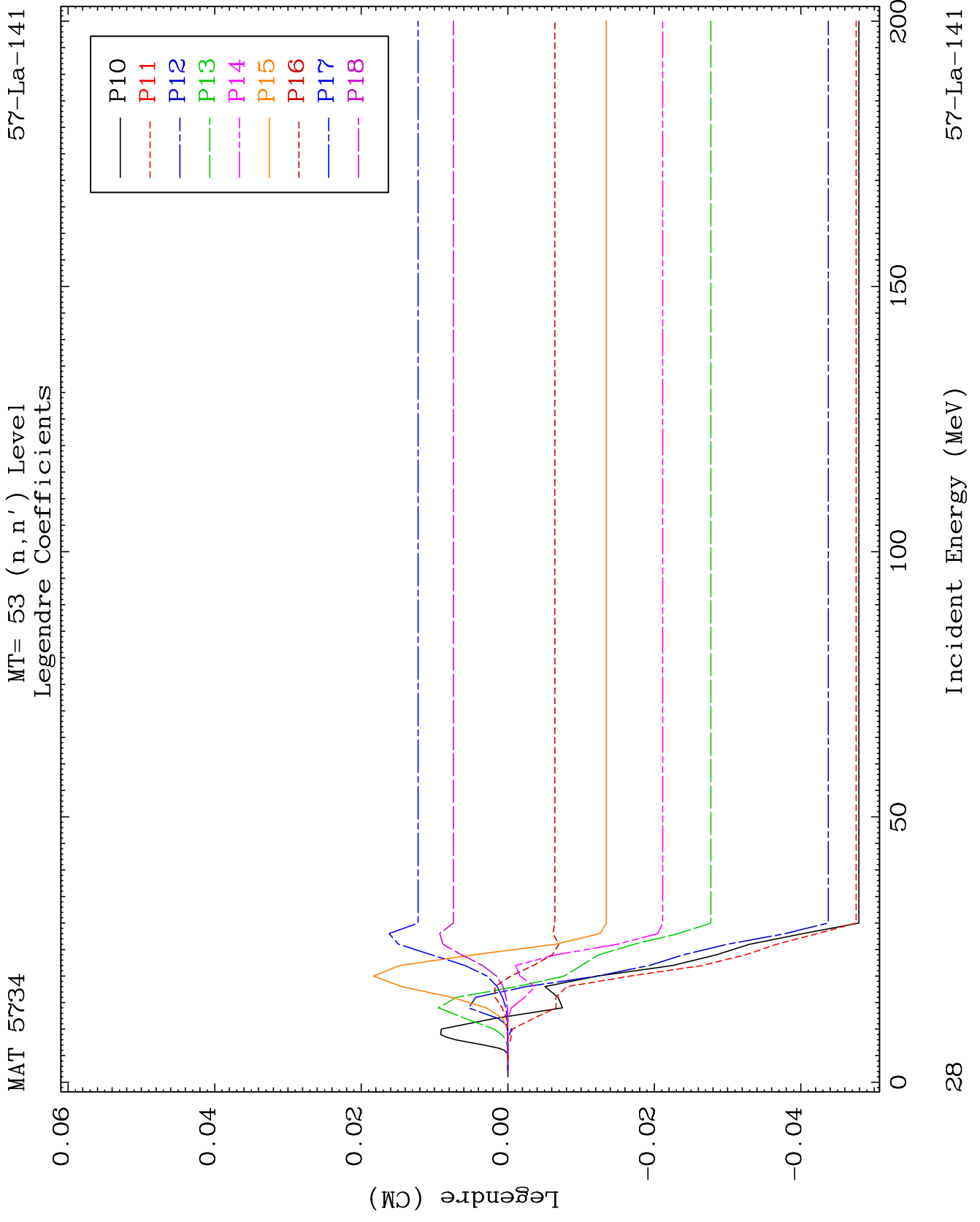


MAT 5734

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

57-La-141

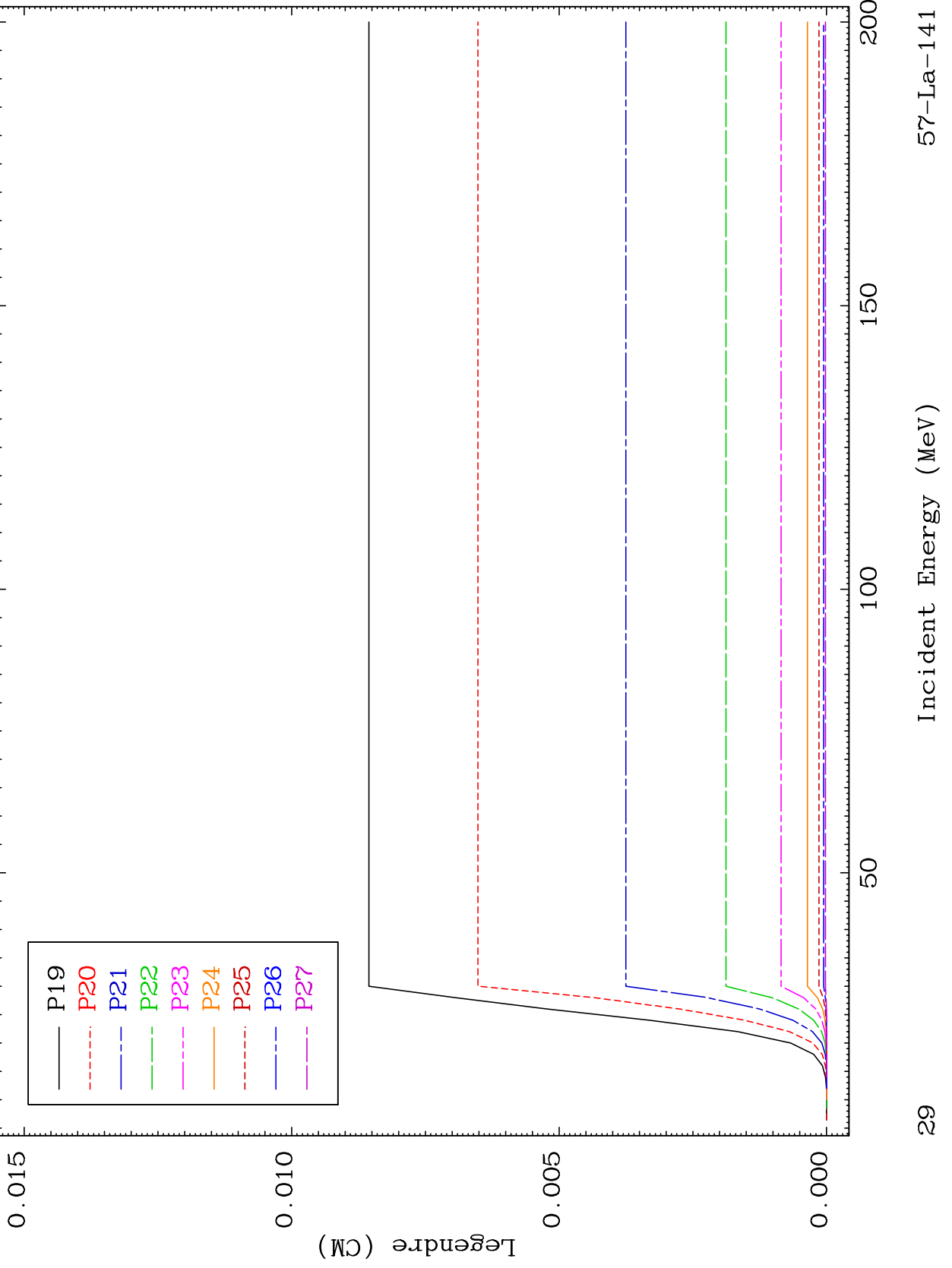




MAT 5734

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

57-La-141



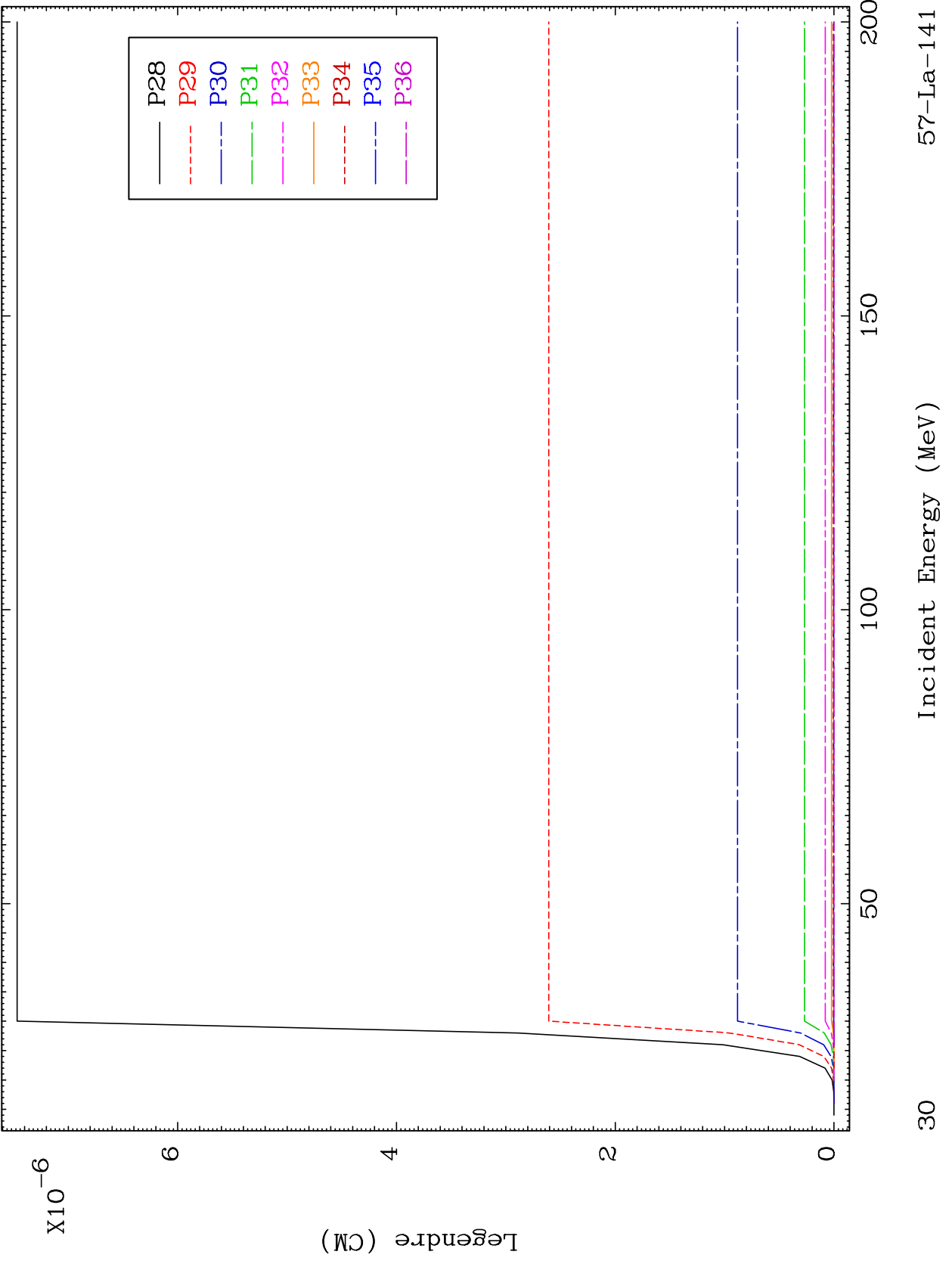
29

57-La-141

MAT 5734

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

57-La-141



57-La-141

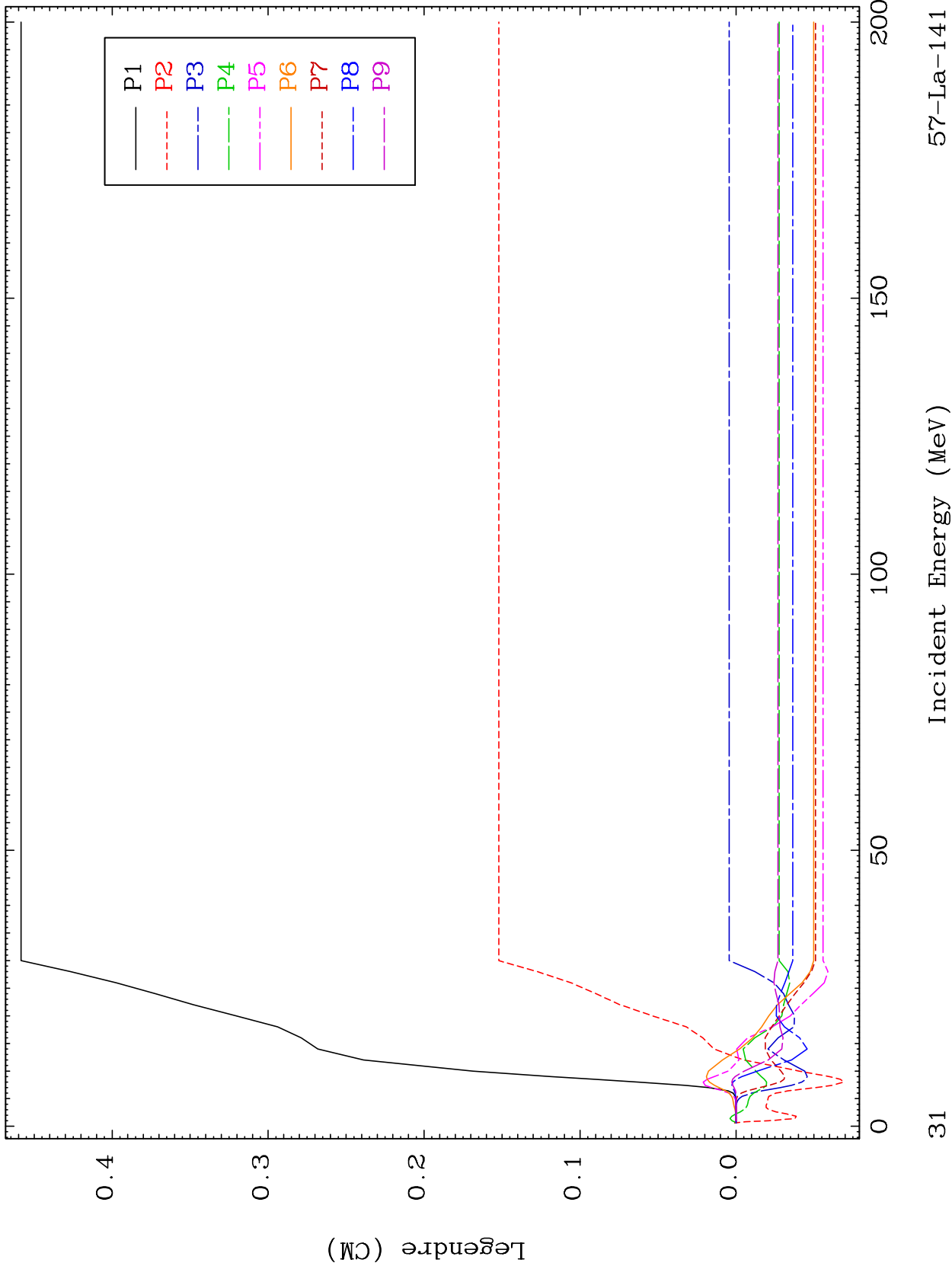
Incident Energy (MeV)

30

MAT 5734

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

57-La-141



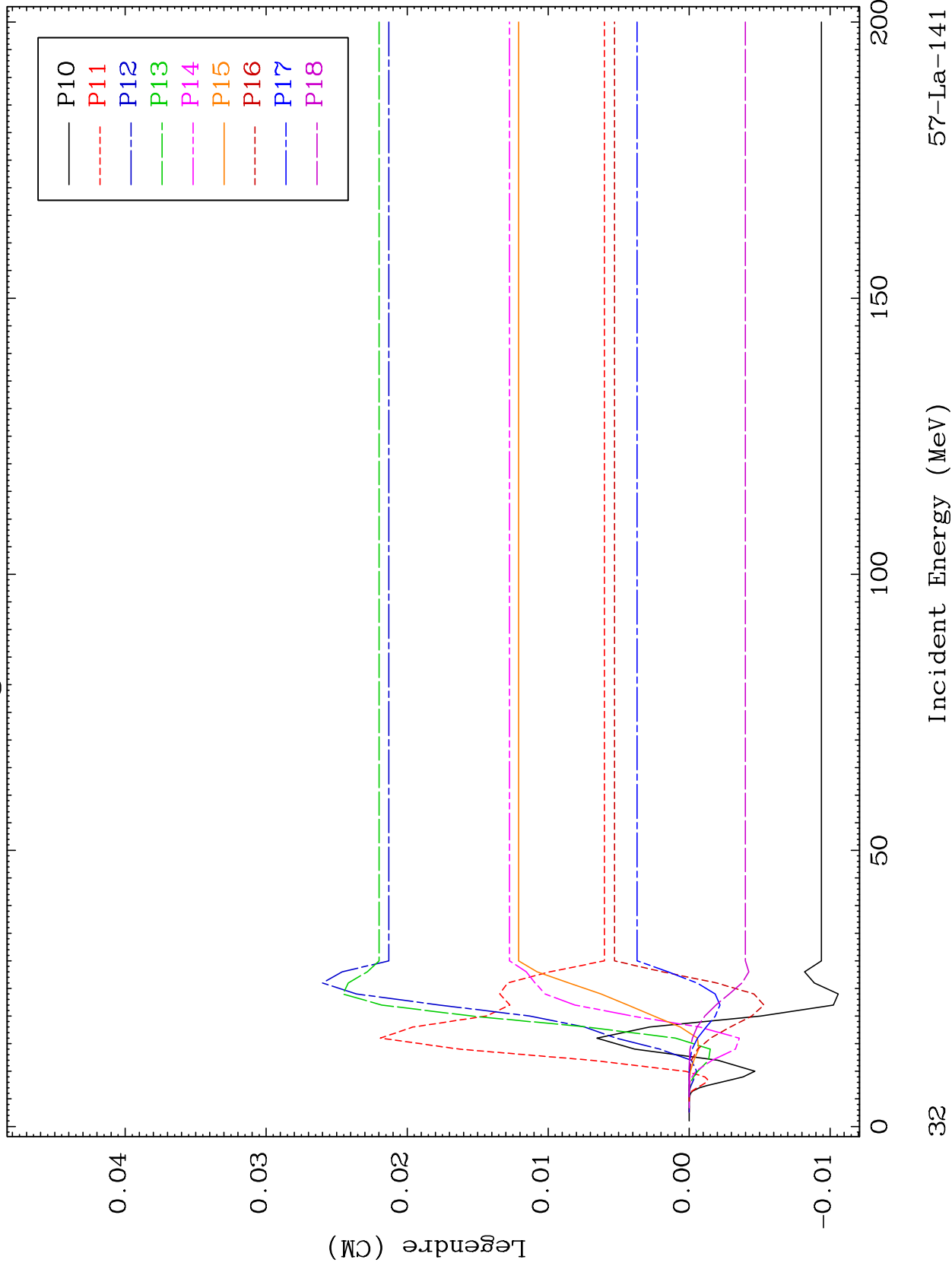
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57-La-141

MAT 5734

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

57-La-141



57-La-141

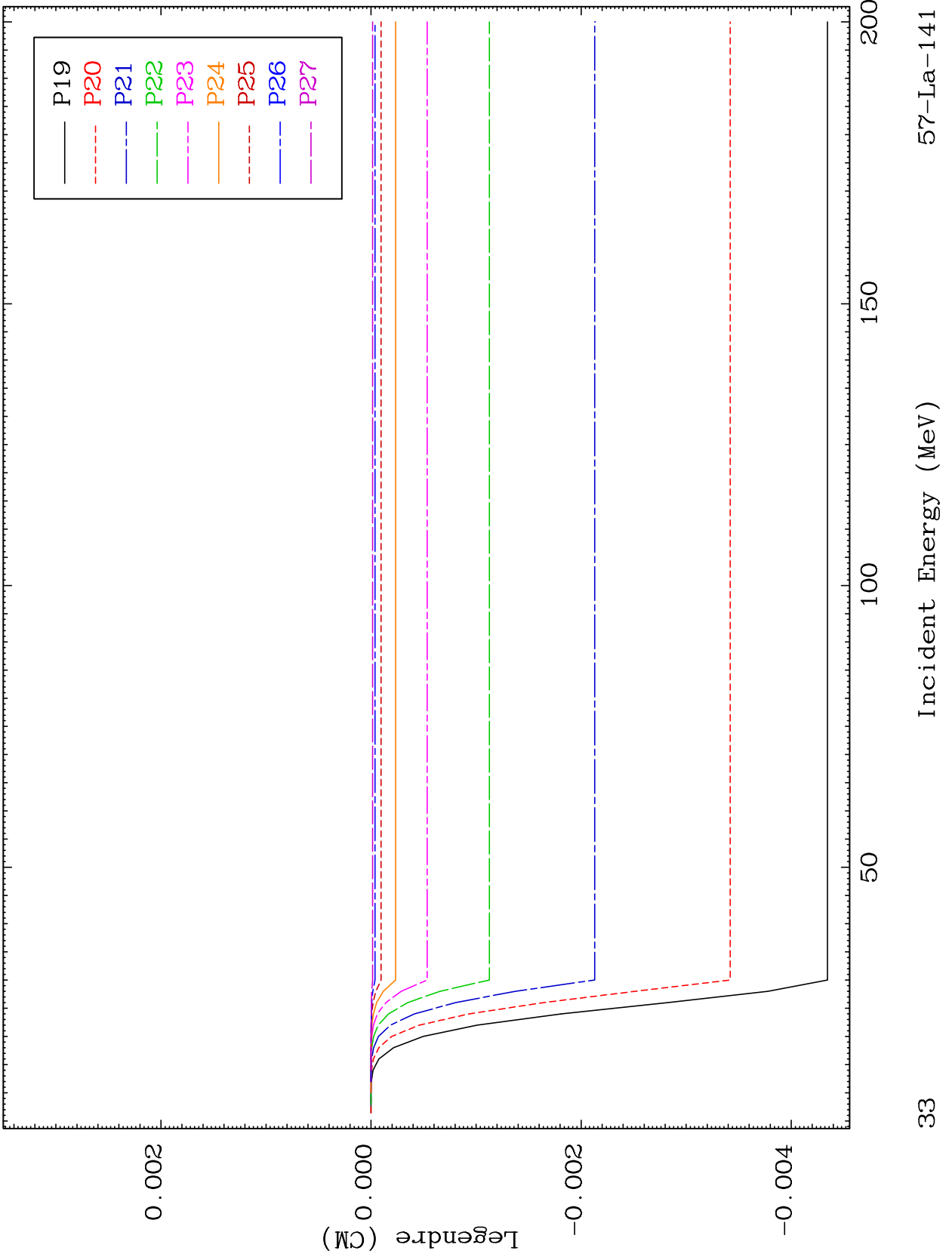
Incident Energy (MeV)

32

MAT 5734

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

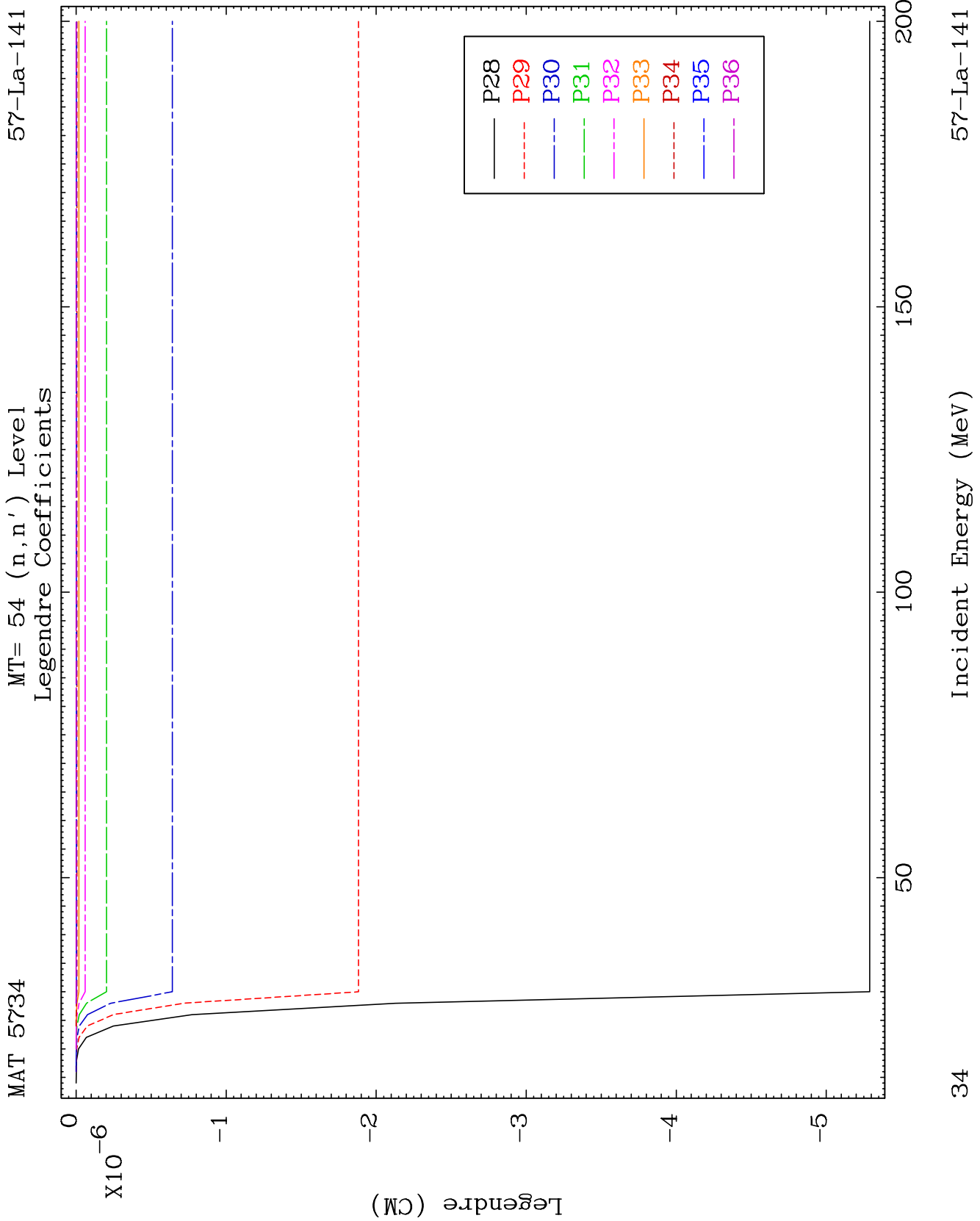
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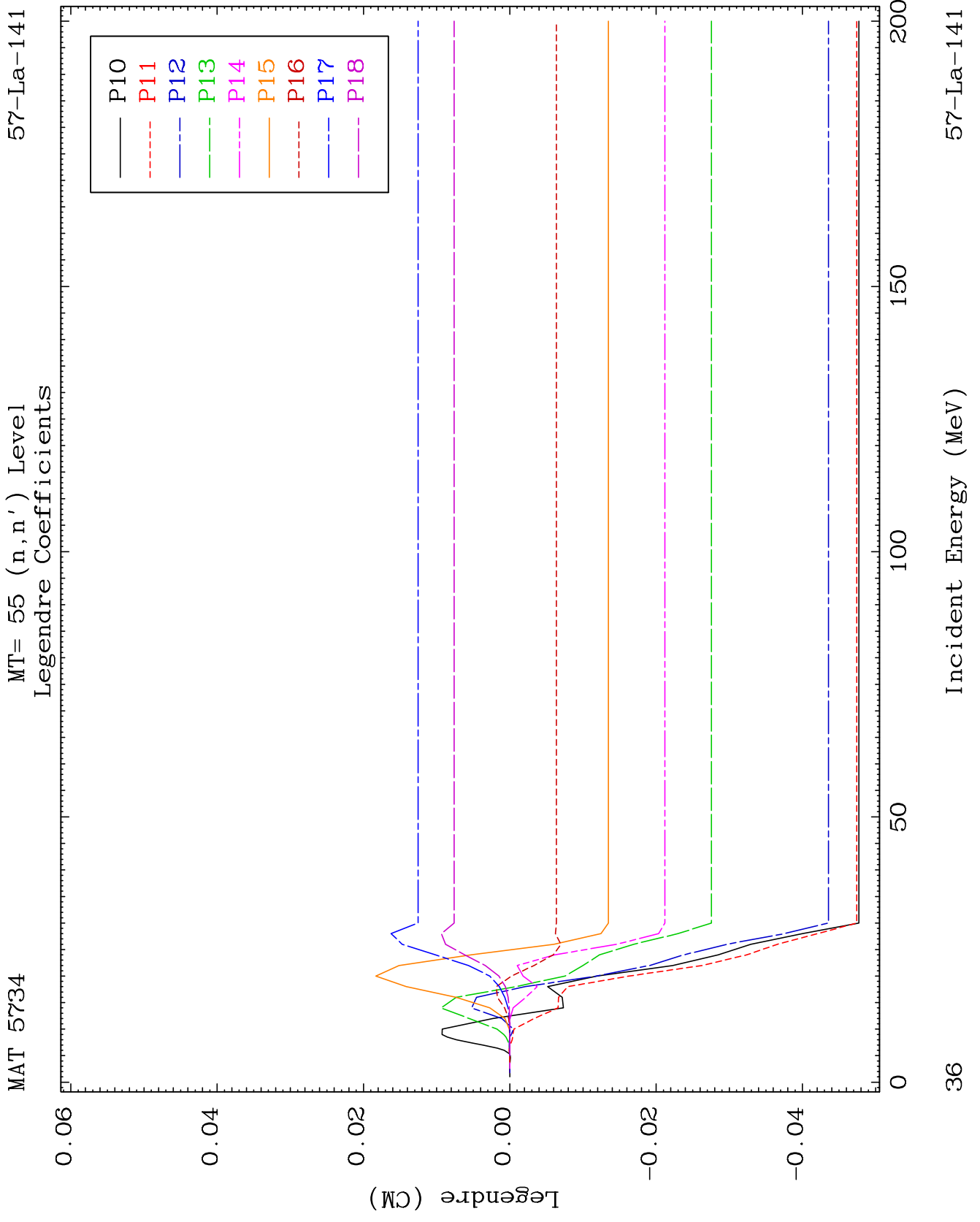


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Incident Energy (MeV)

57-La-141

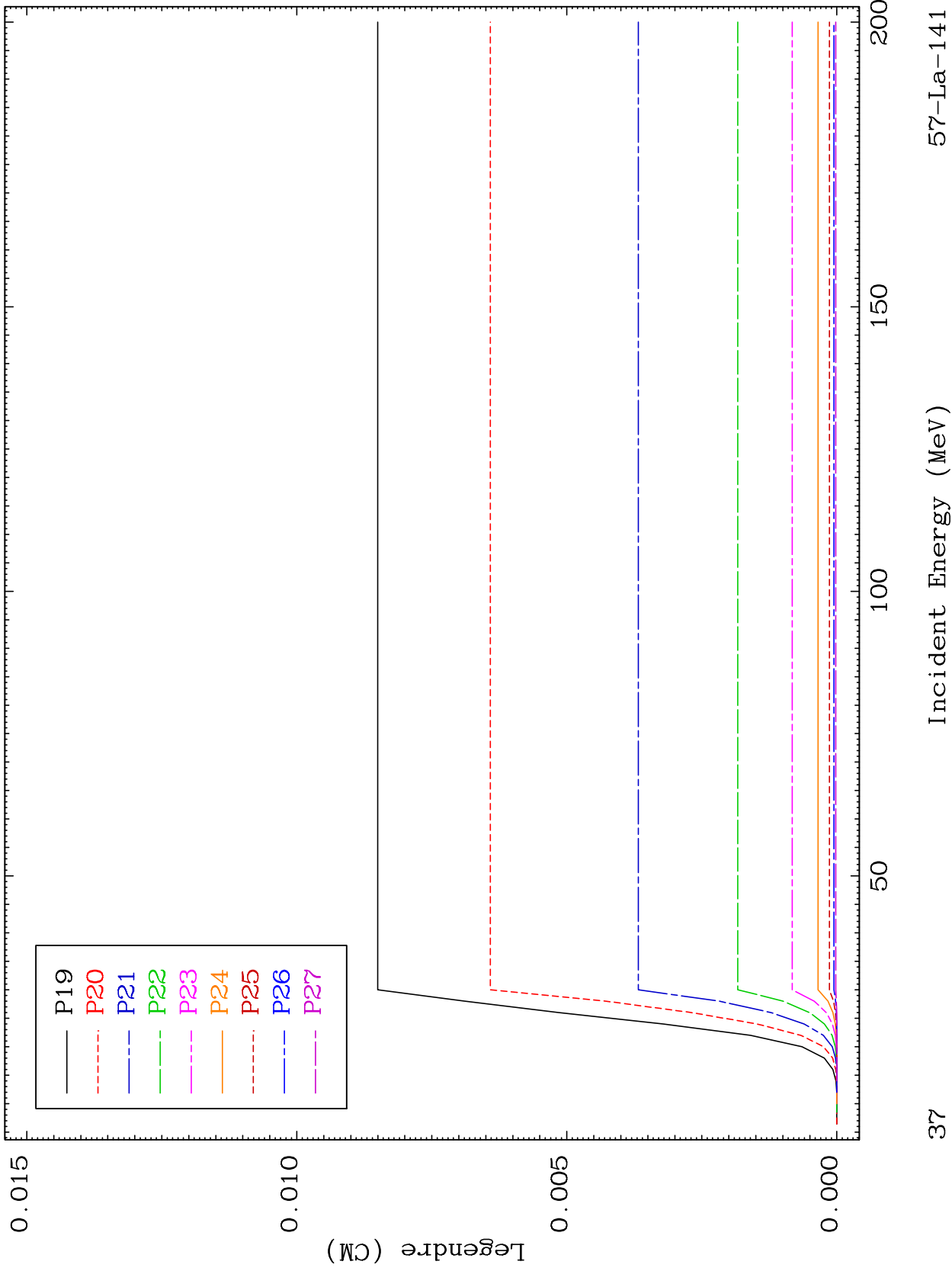




MAT 5734

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

57-La-141



37

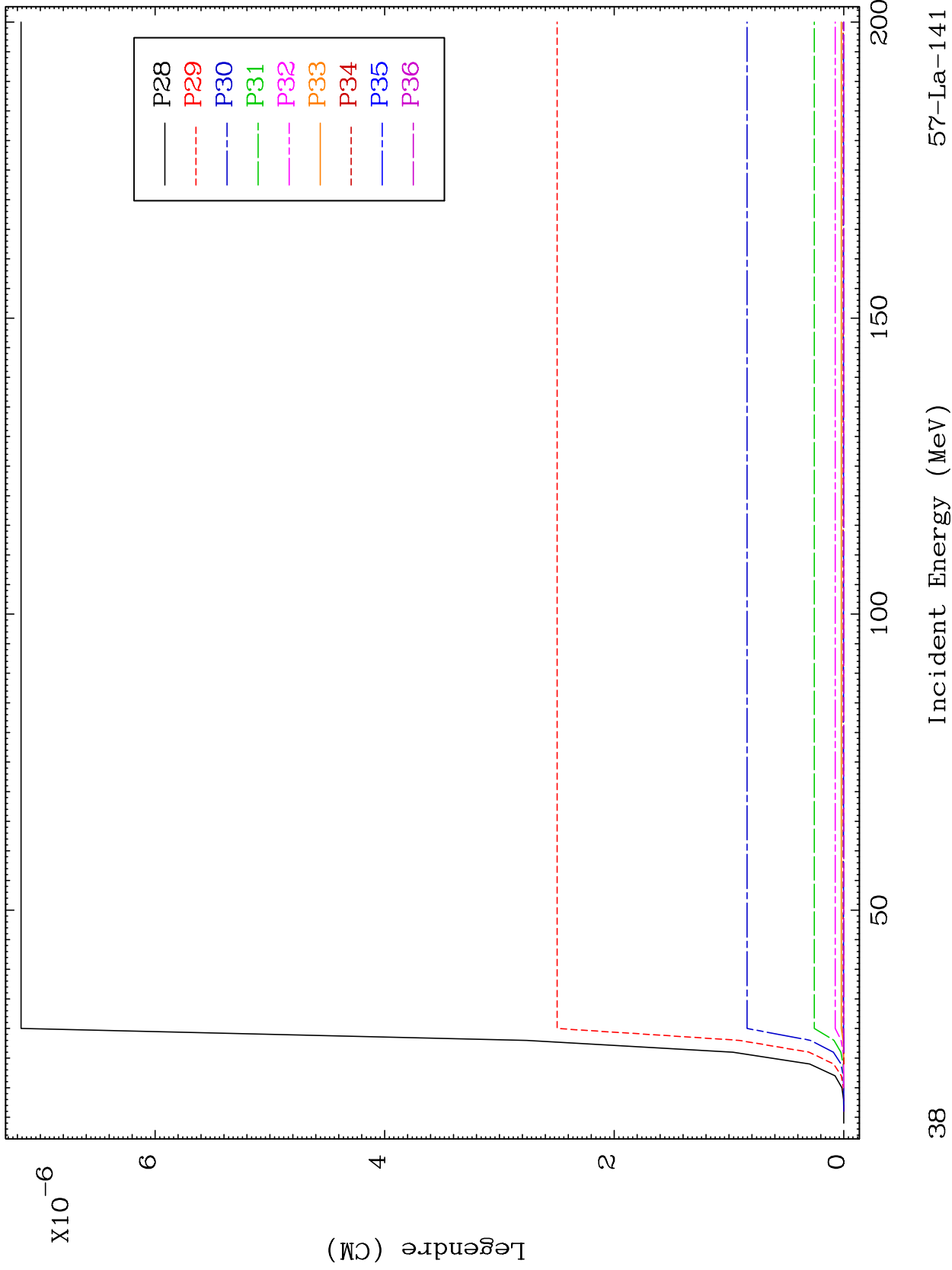
Incident Energy (MeV)

57-La-141

MAT 5734

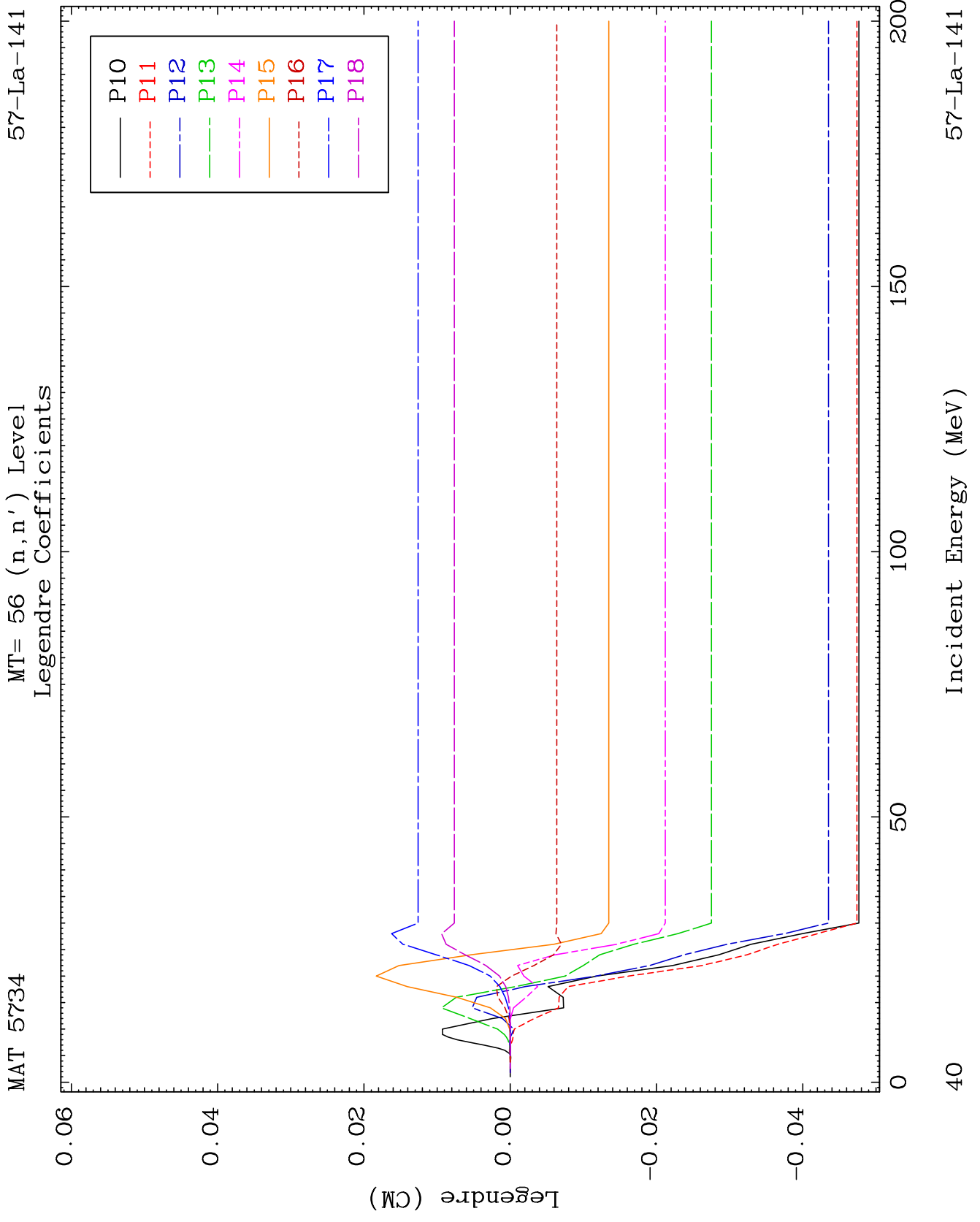
MT= 55 (n,n') Level
Legendre Coefficients

57-La-141



38

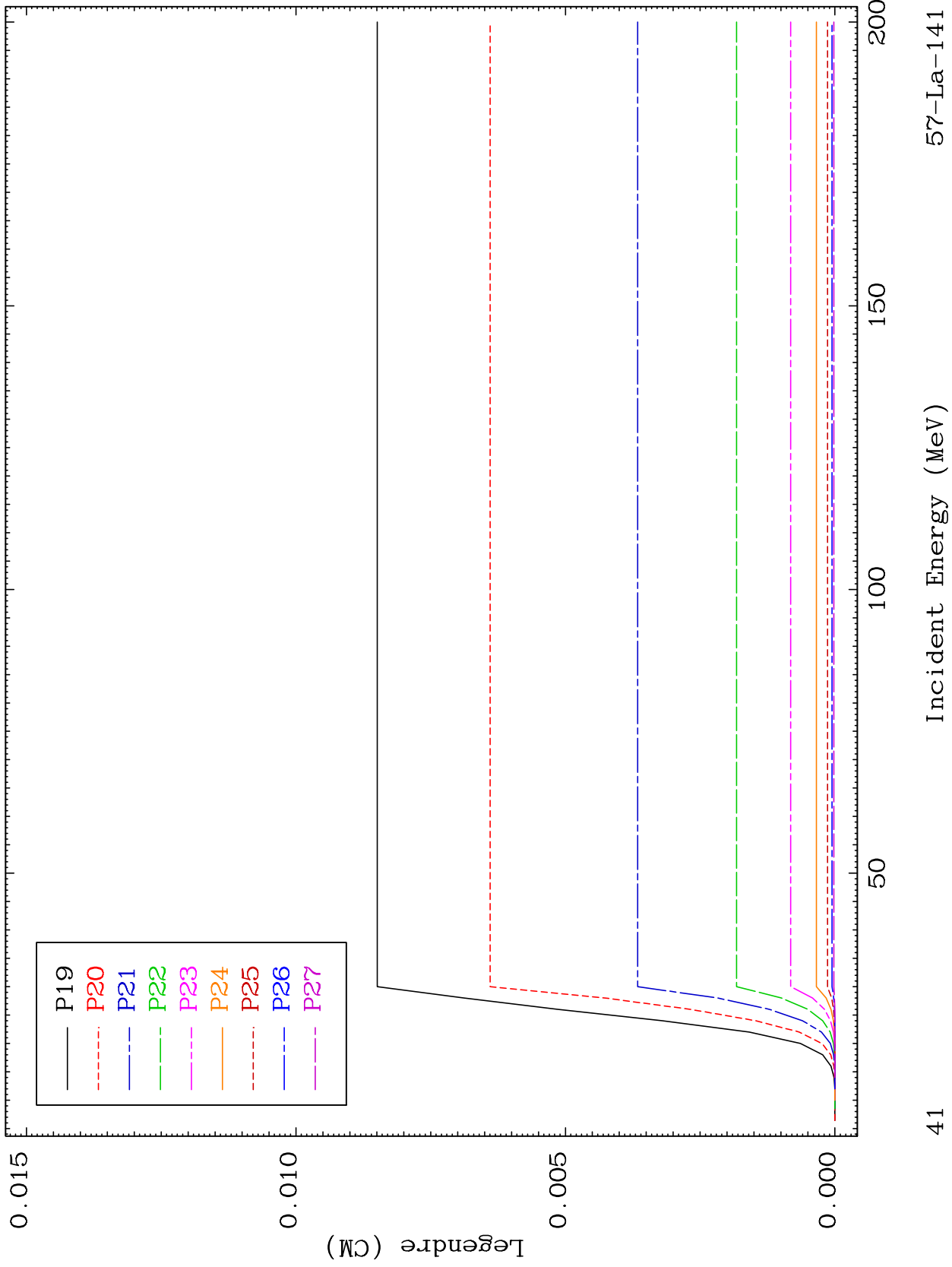
57-La-141



MAT 5734

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

57-La-141



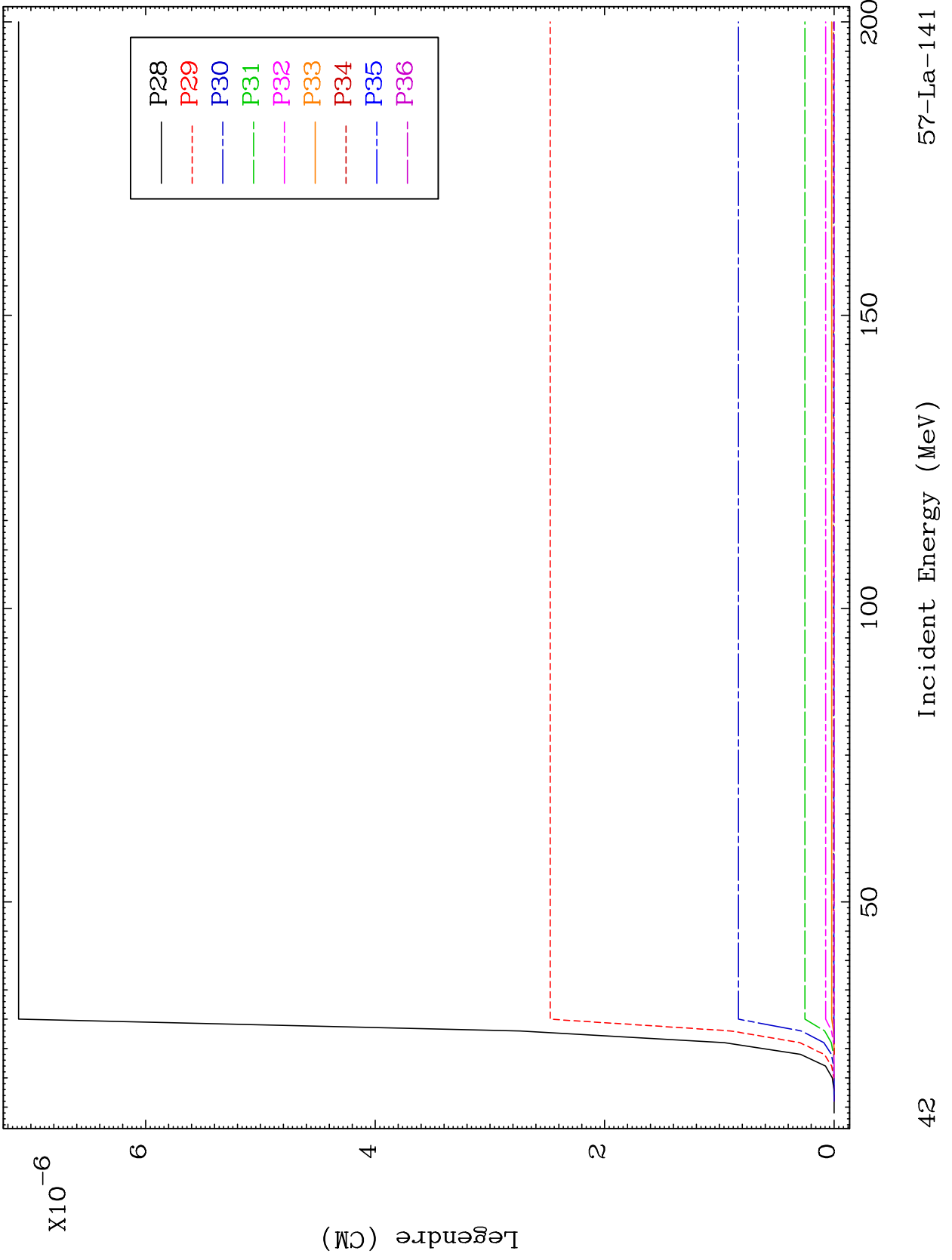
41

57-La-141

MAT 5734

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

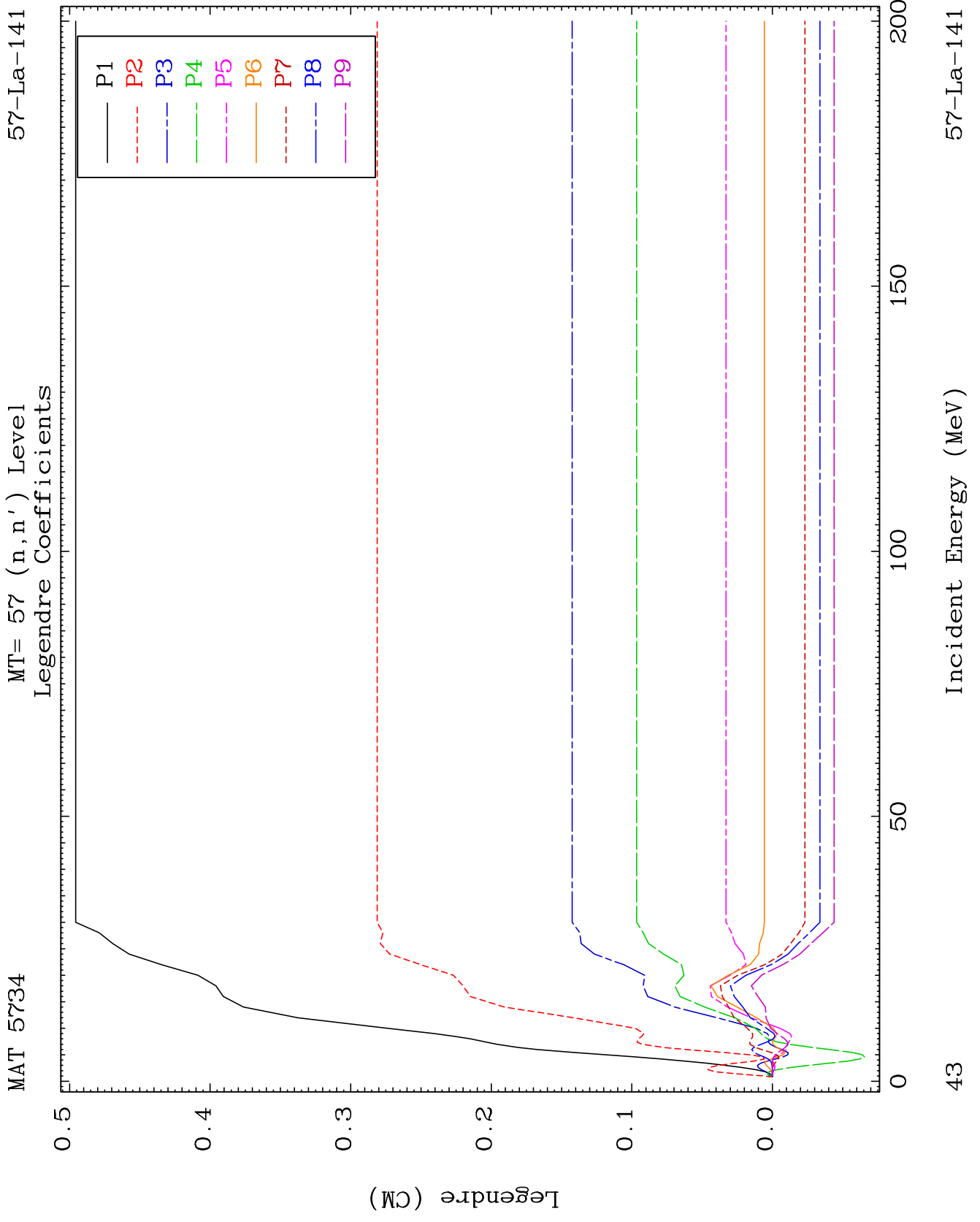
57-La-141



42

Incident Energy (MeV)

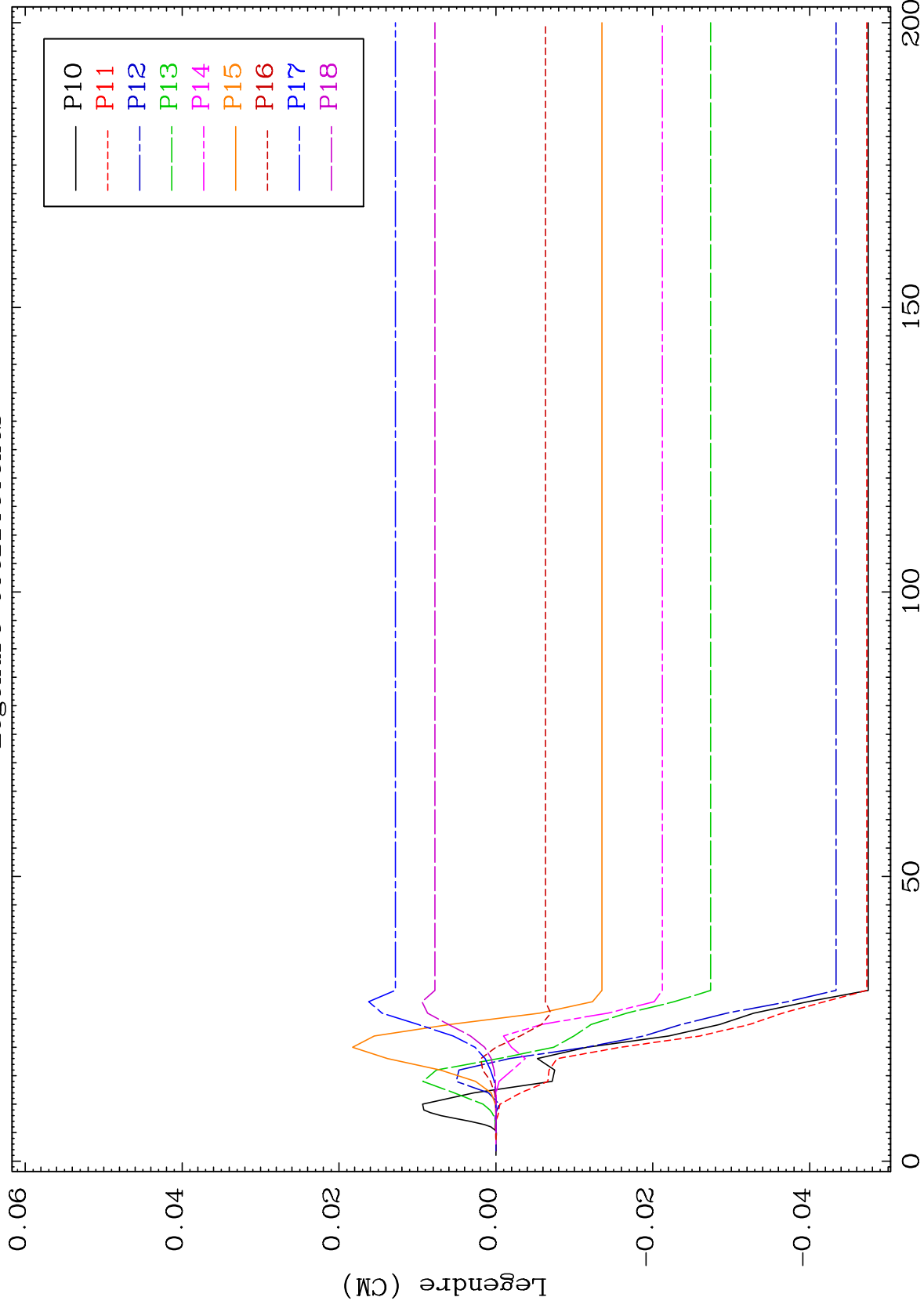
57-La-141



MAT 5734

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

57-La-141



44

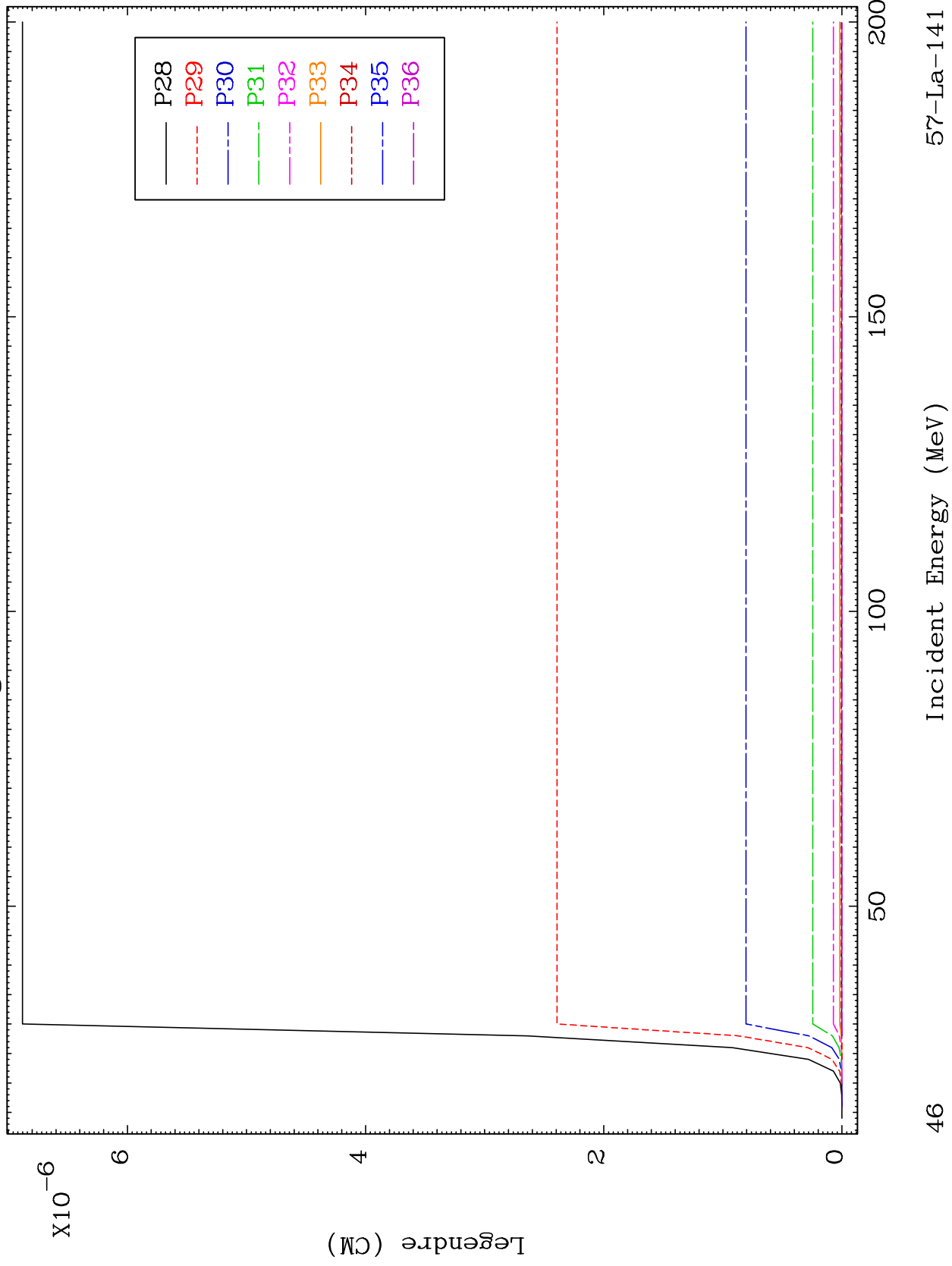
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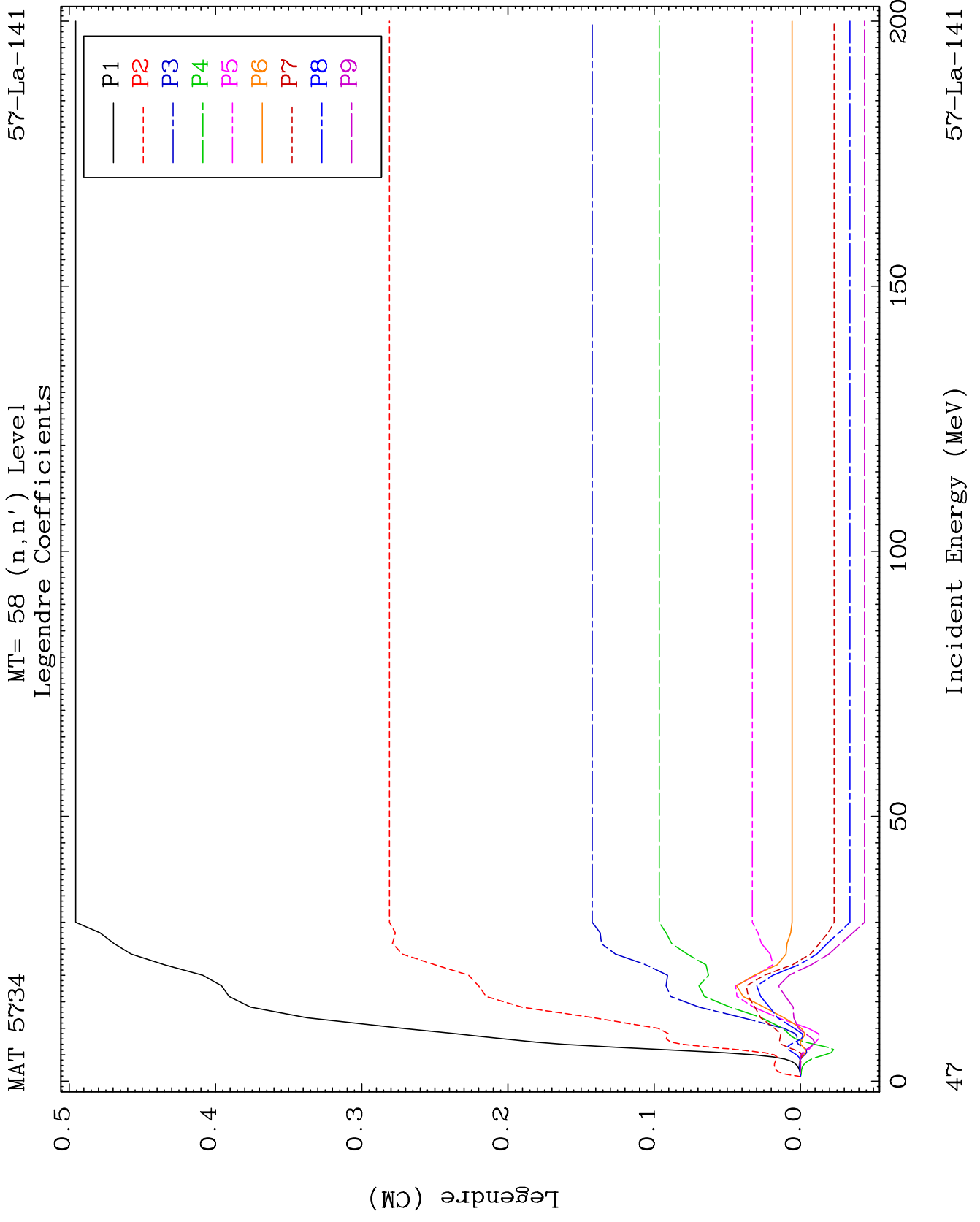
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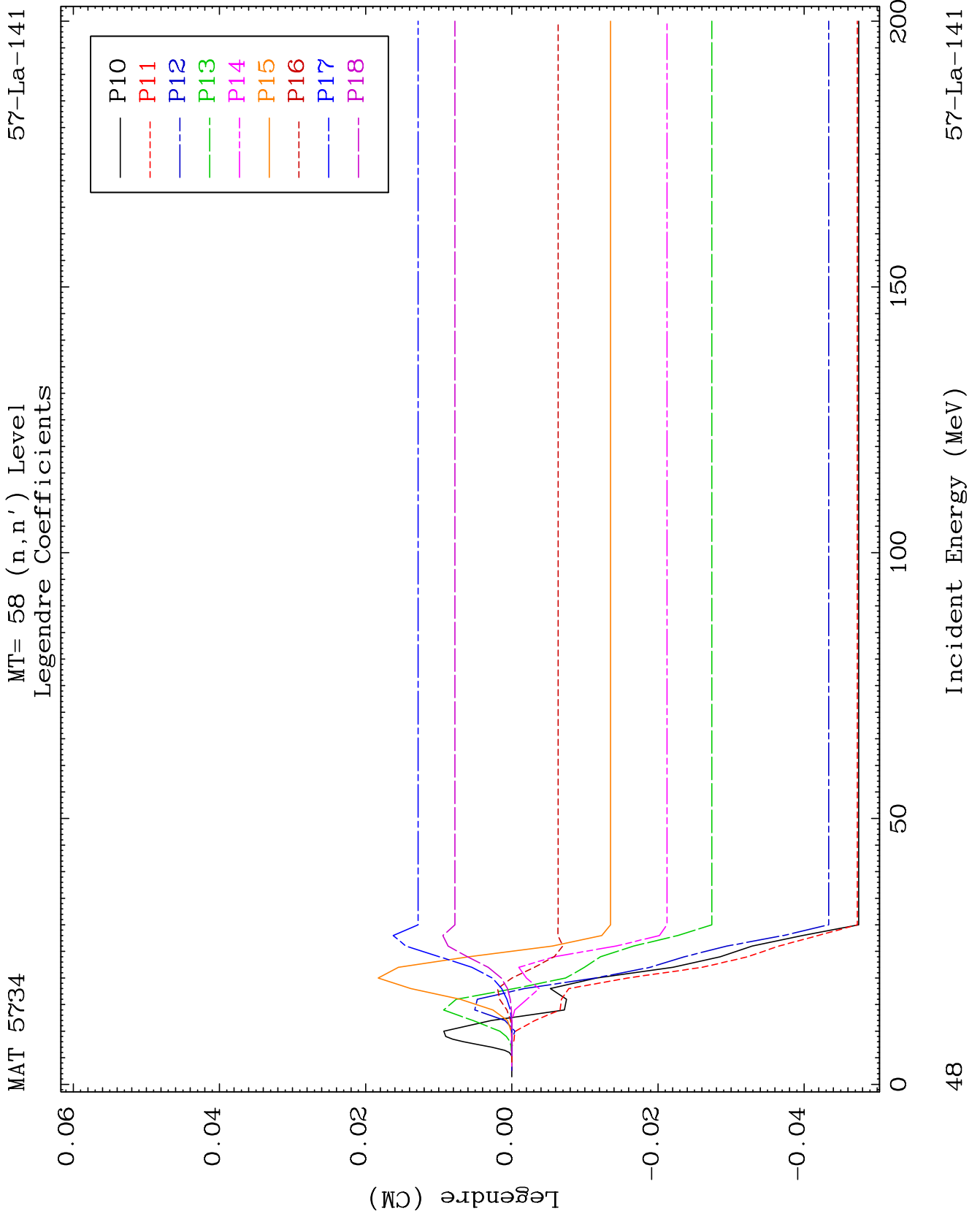
MAT 5734

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

57-La-141



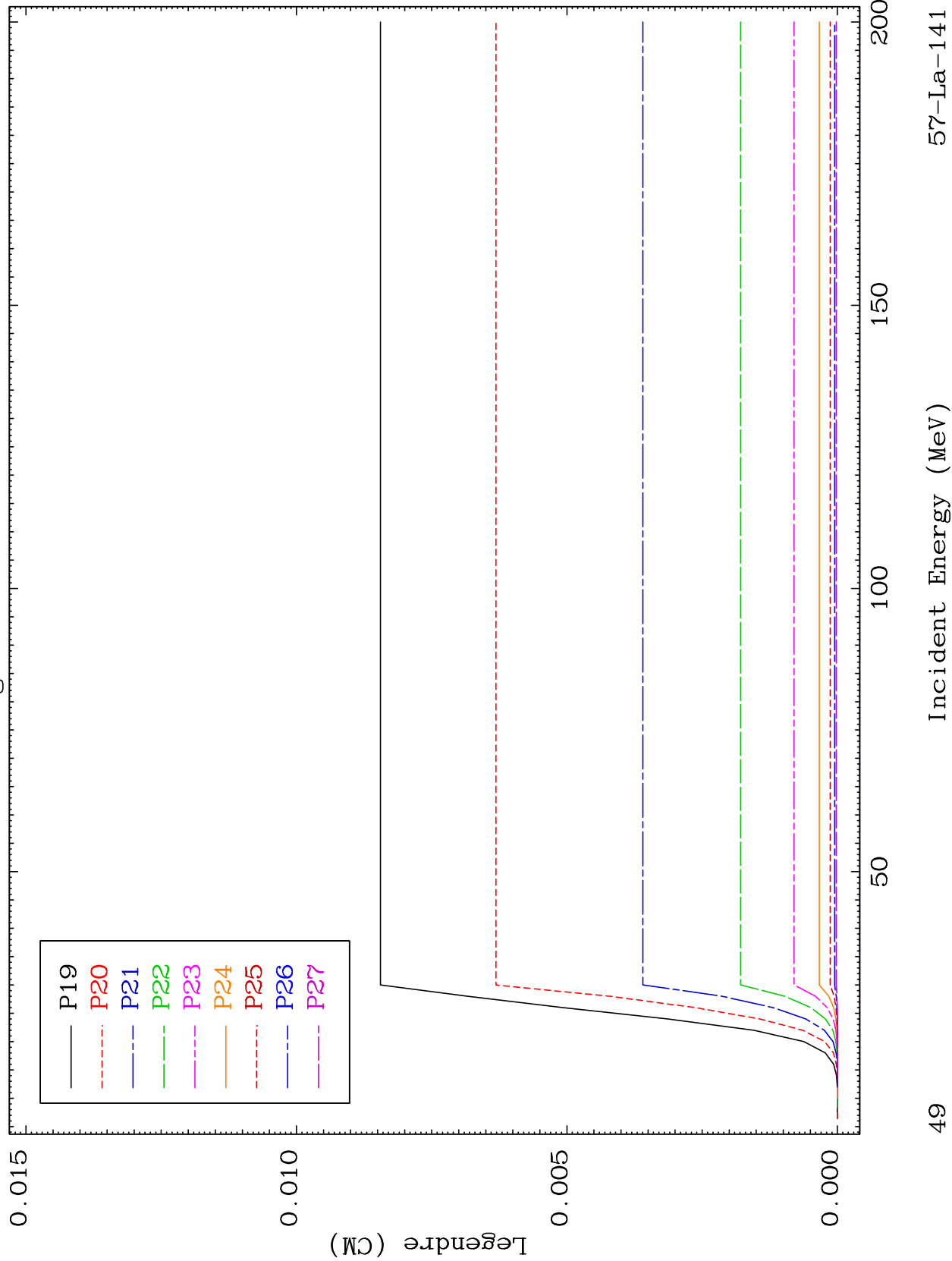




MAT 5734

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

57-La-141



49

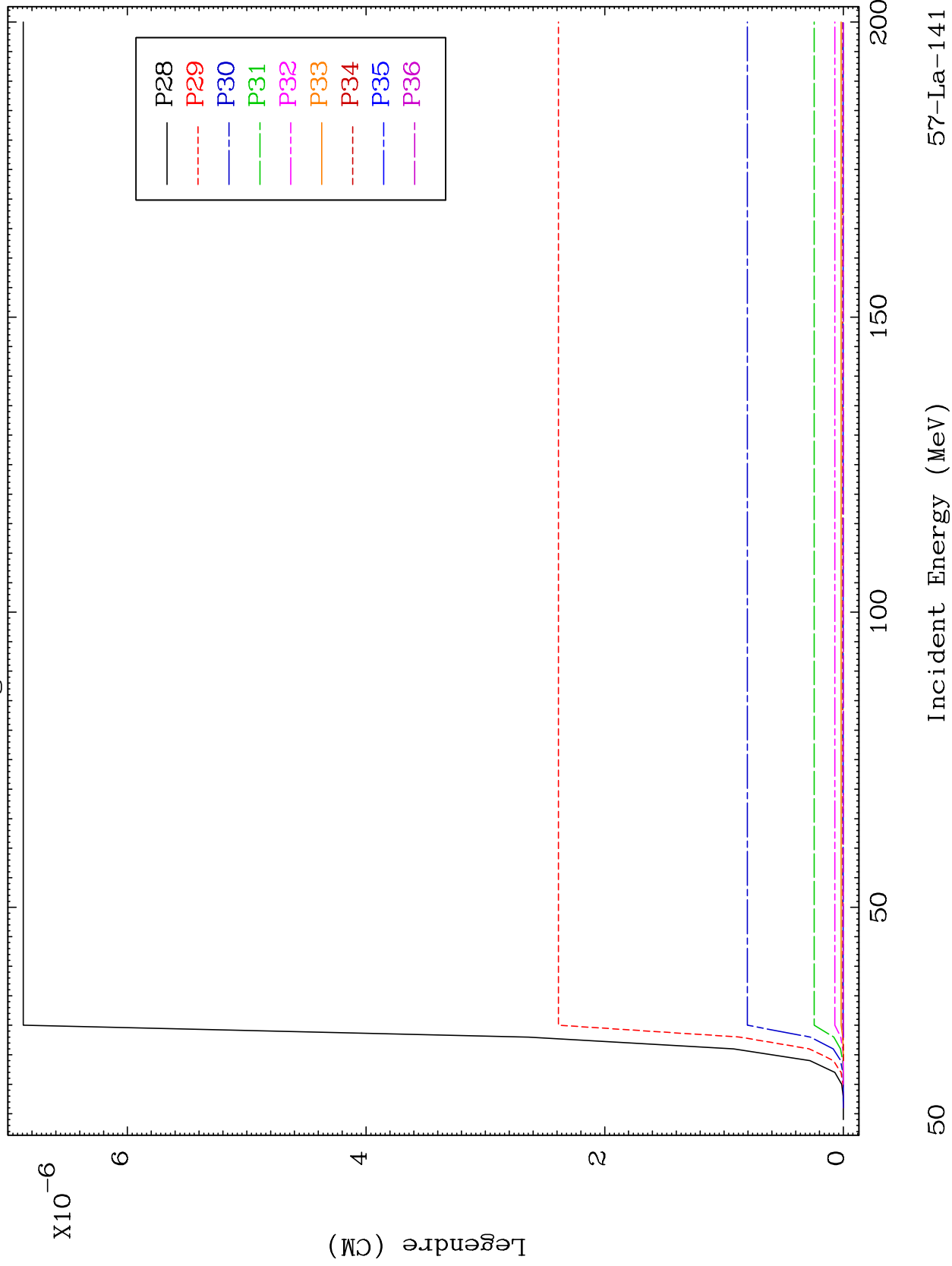
Incident Energy (MeV)

57-La-141

MAT 5734

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

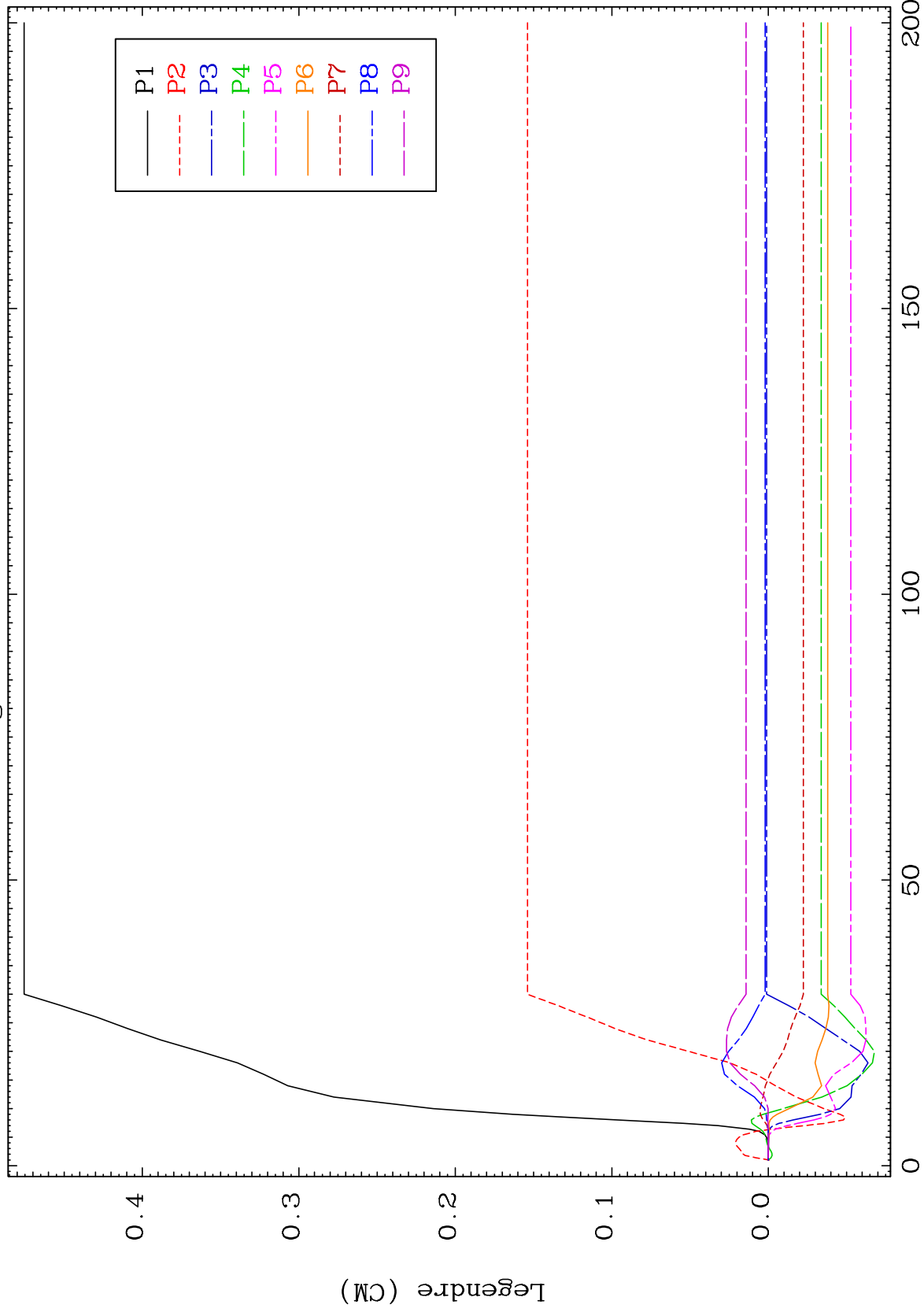
57-La-141



MAT 5734

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

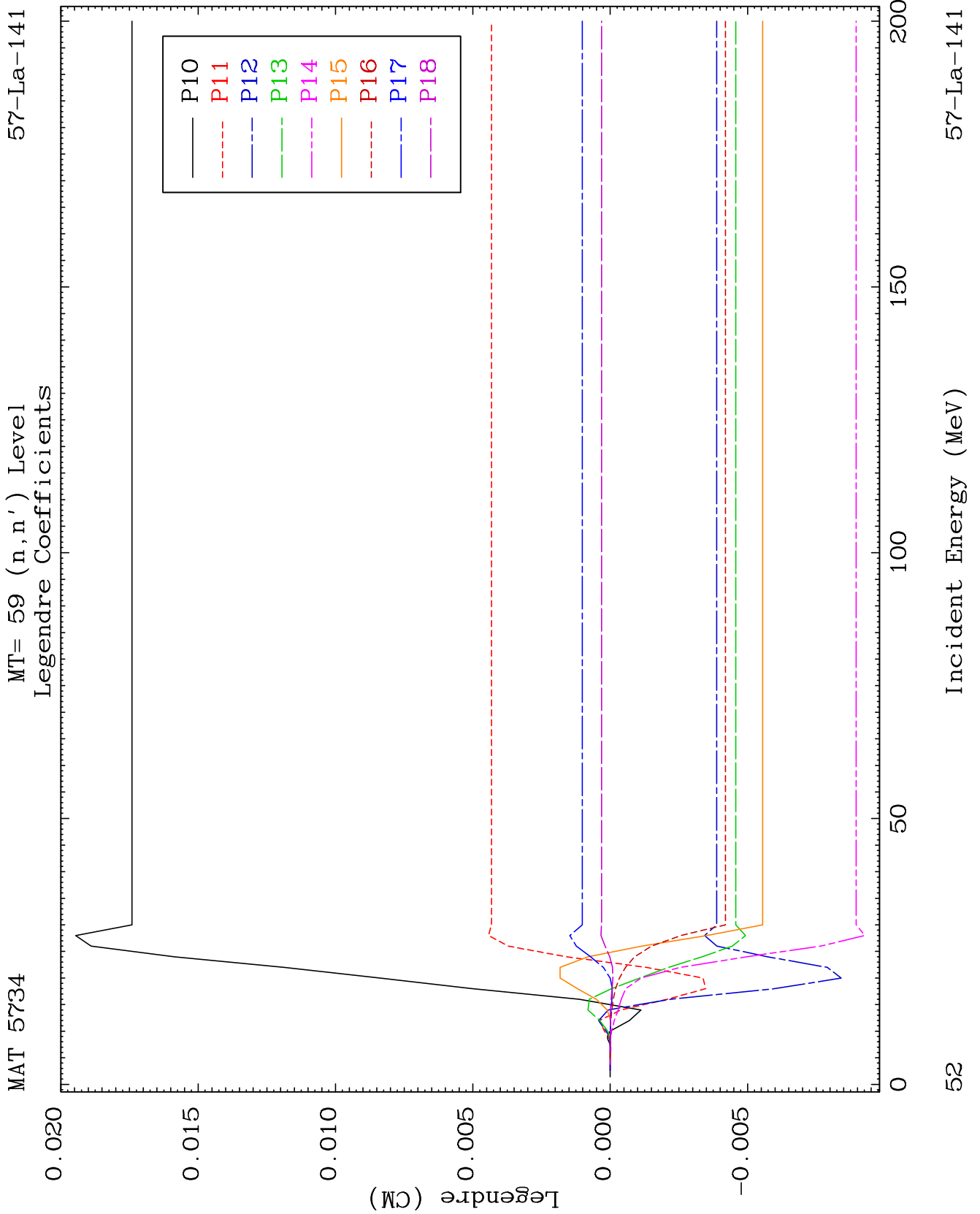
57-La-141



51

Incident Energy (MeV)

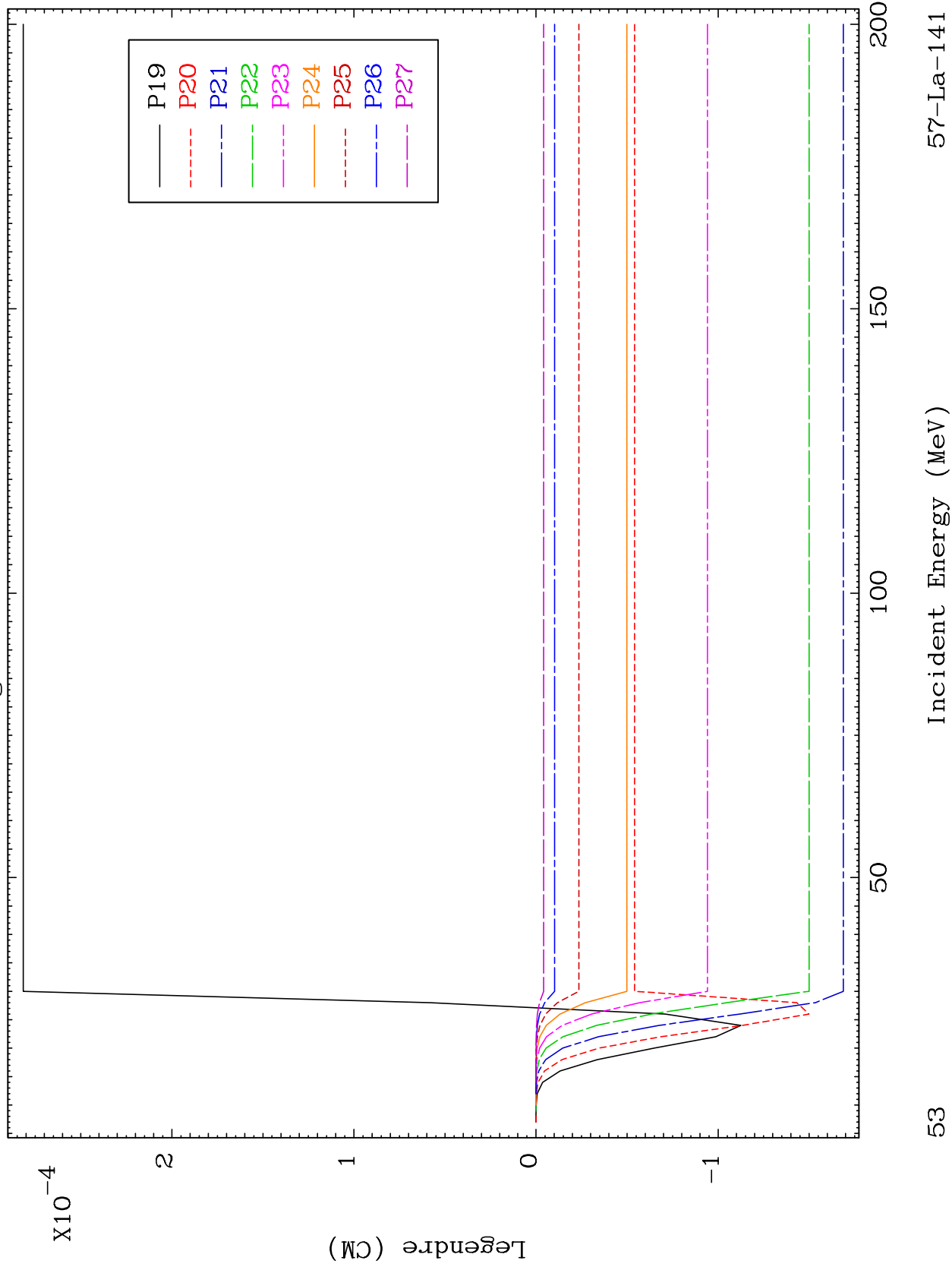
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MAT 5734

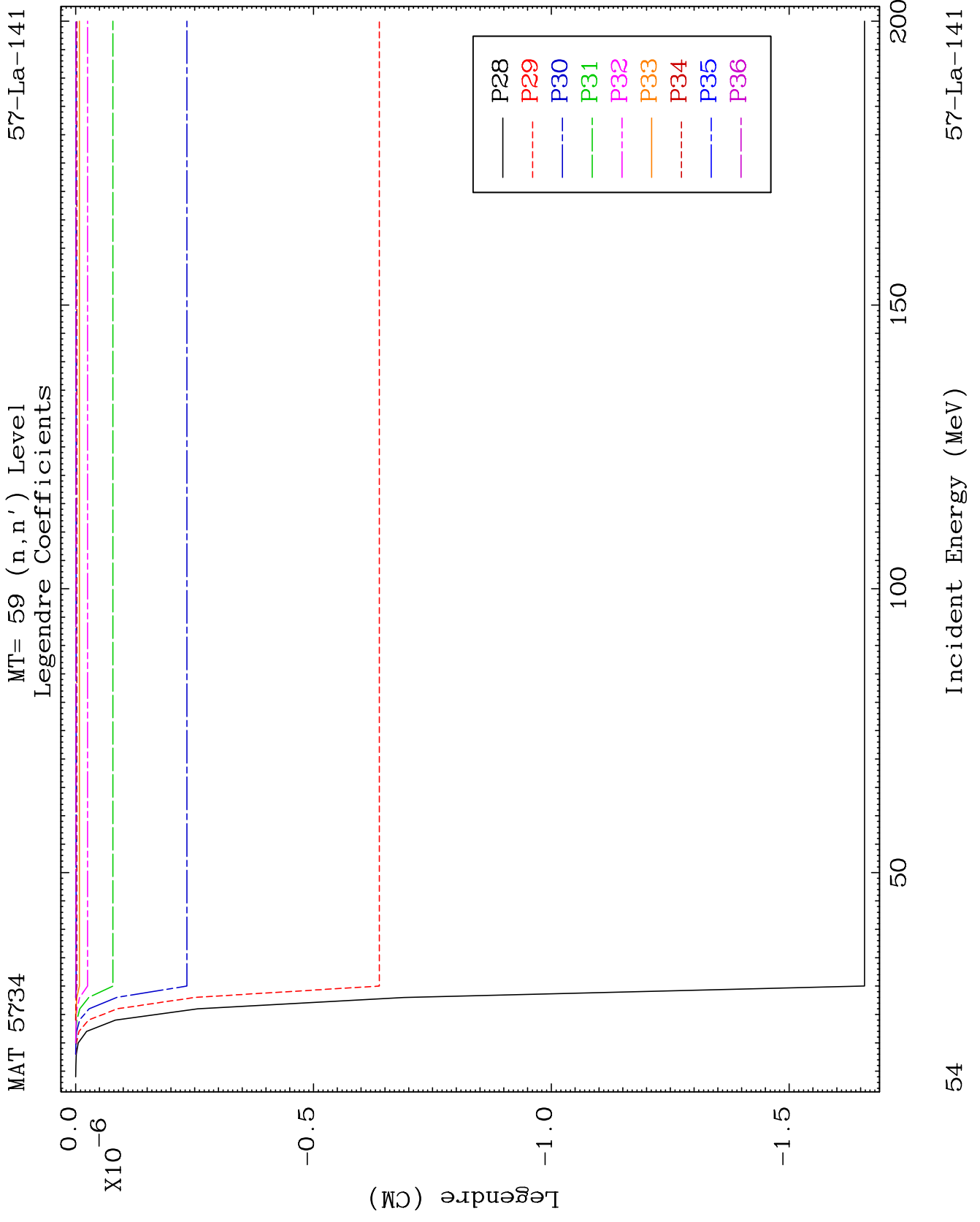
MT= 59 (n,n') Level
Legendre Coefficients

57-La-141



53

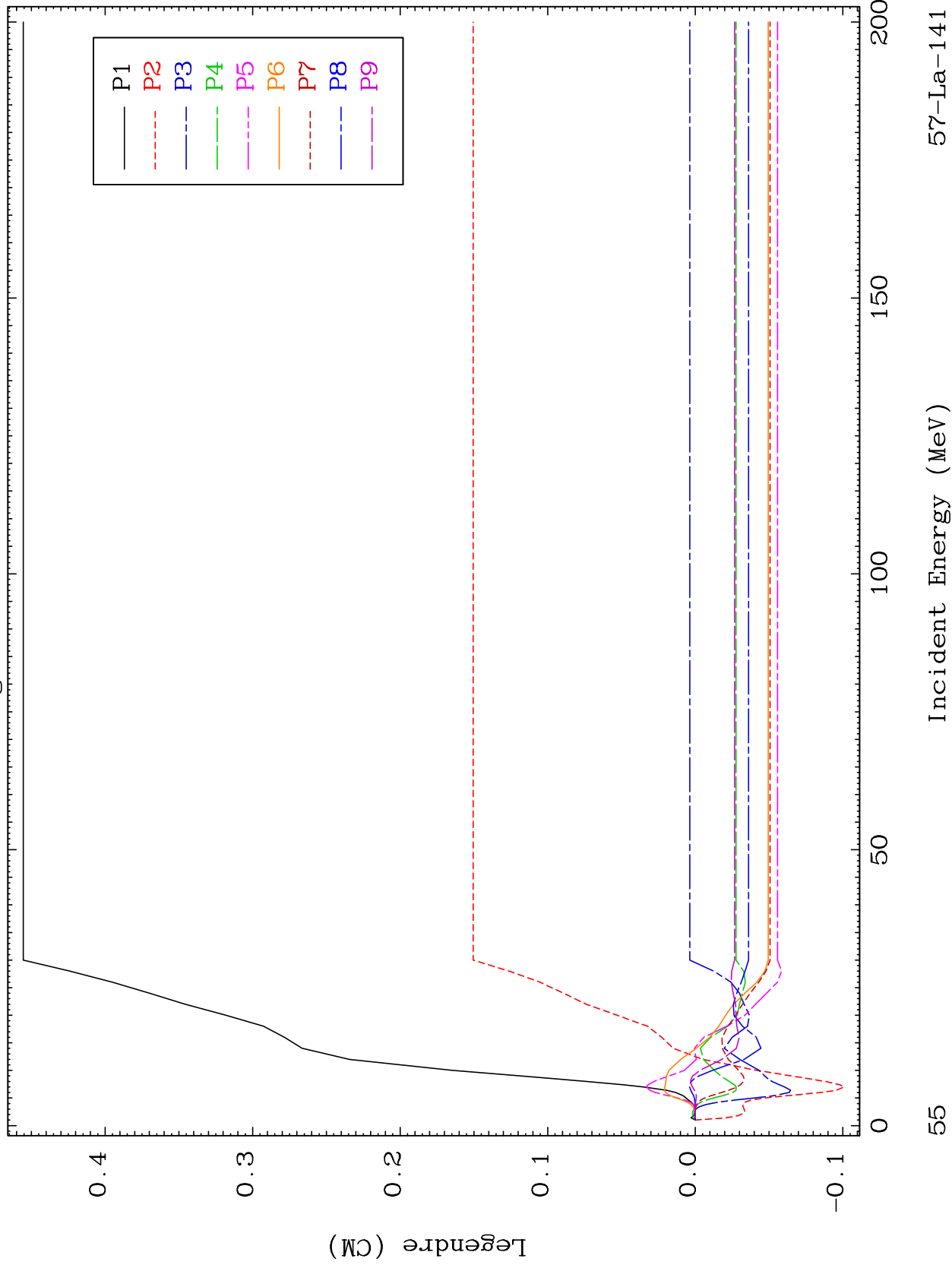
57-La-141



MAT 5734

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

57-La-141



57-La-141

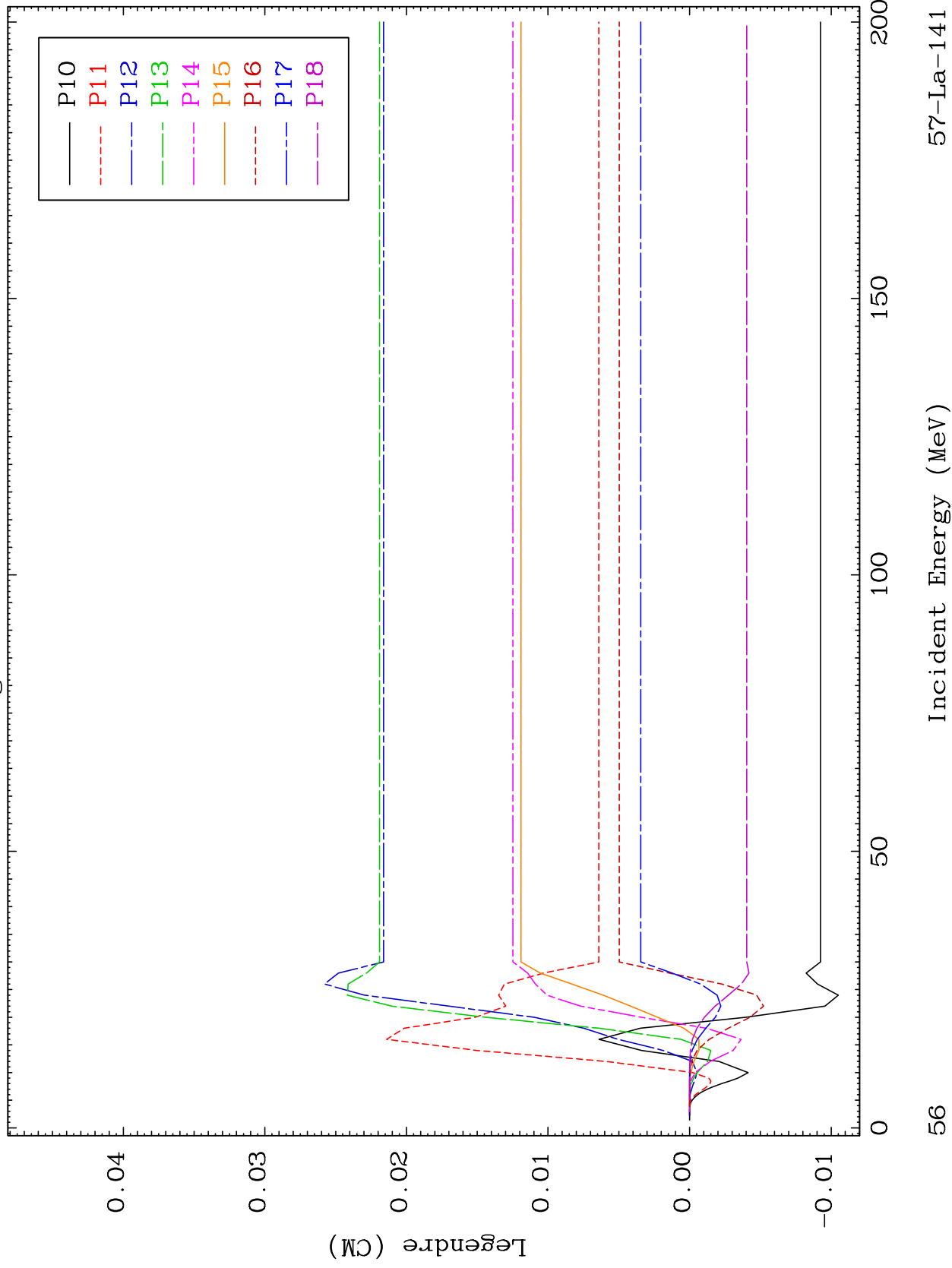
Incident Energy (MeV)

55

MAT 5734

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

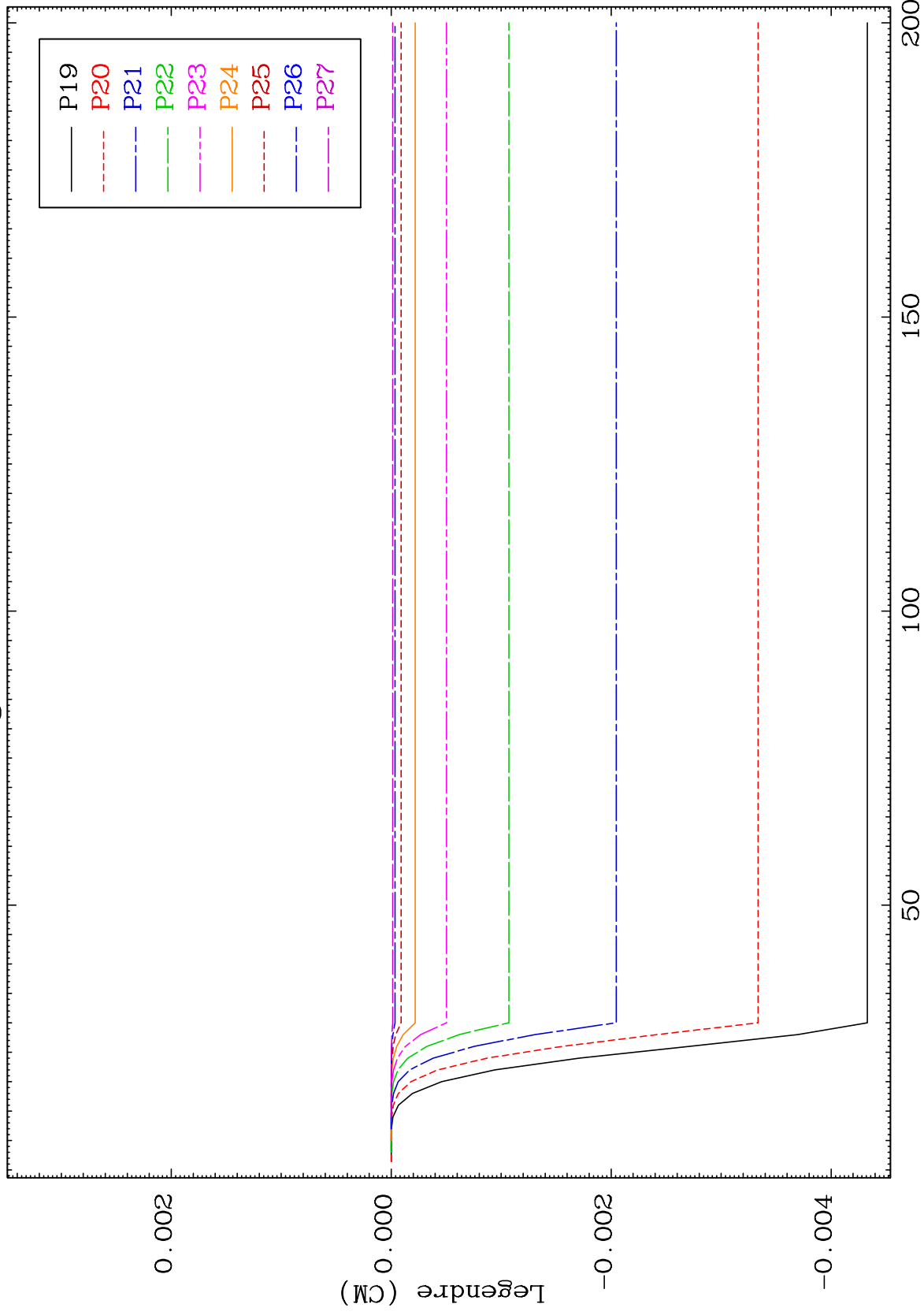
57-La-141



MAT 5734

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

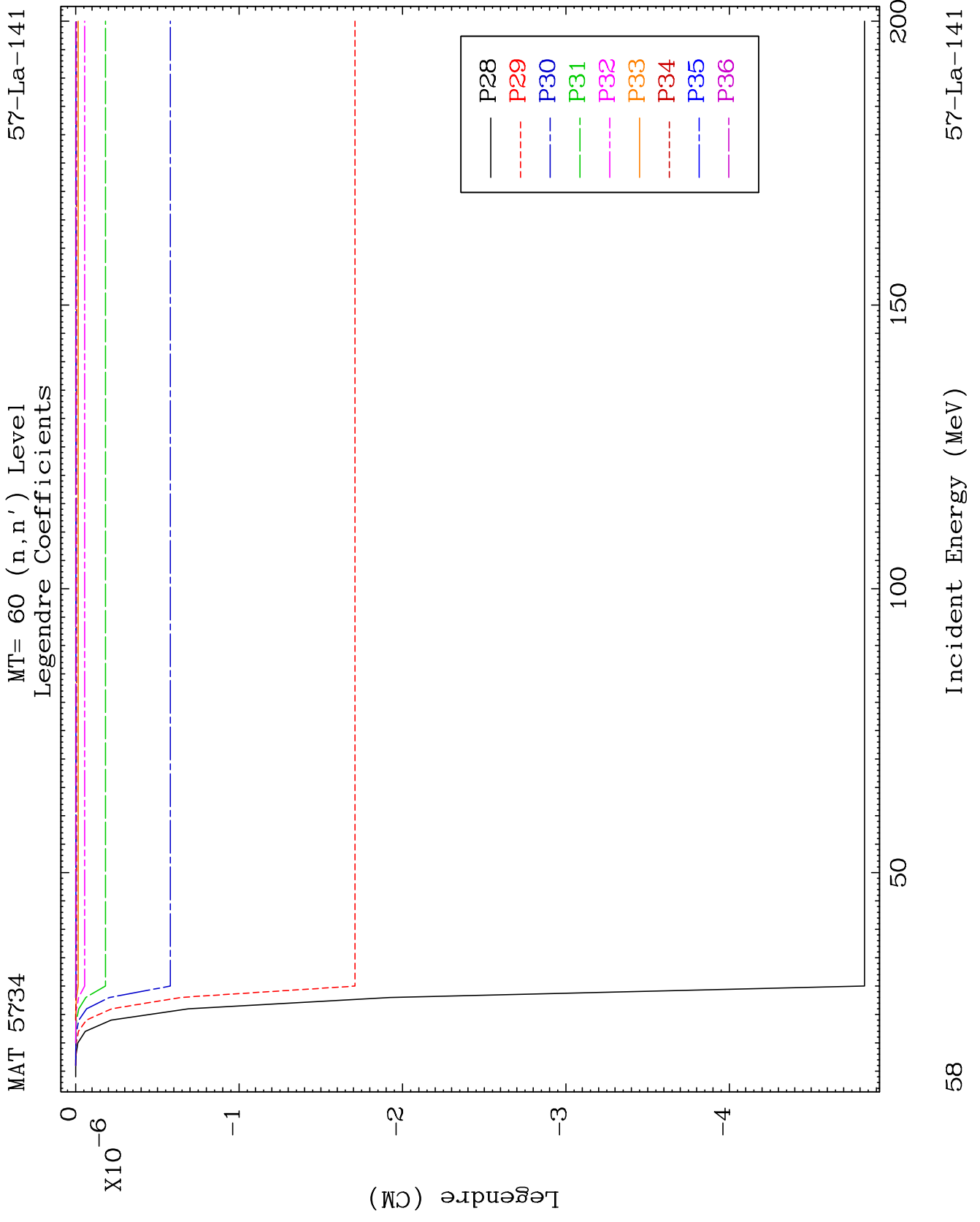
57-La-141



57

Incident Energy (MeV)

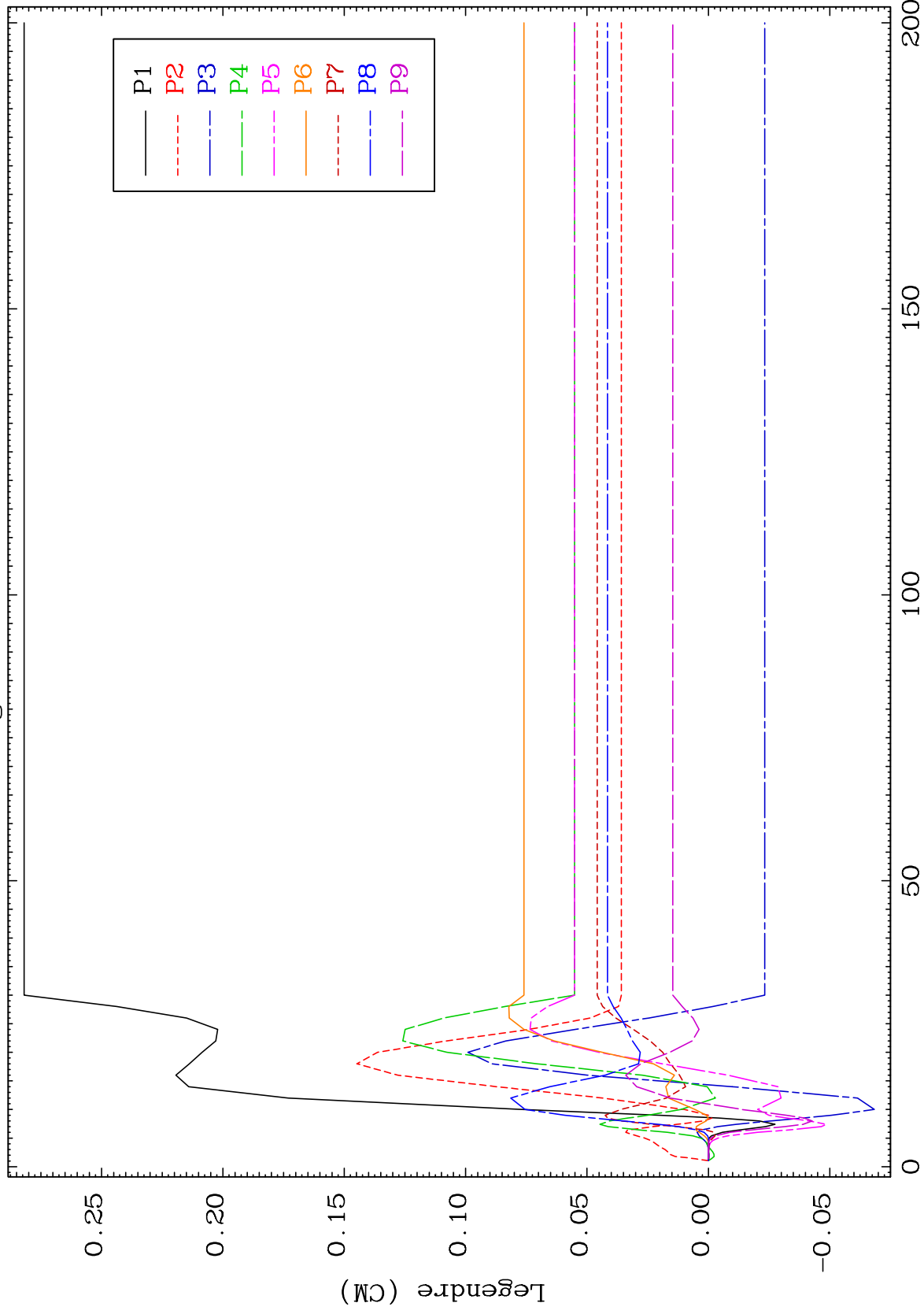
57-La-141



MAT 5734

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

57-La-141



57-La-141

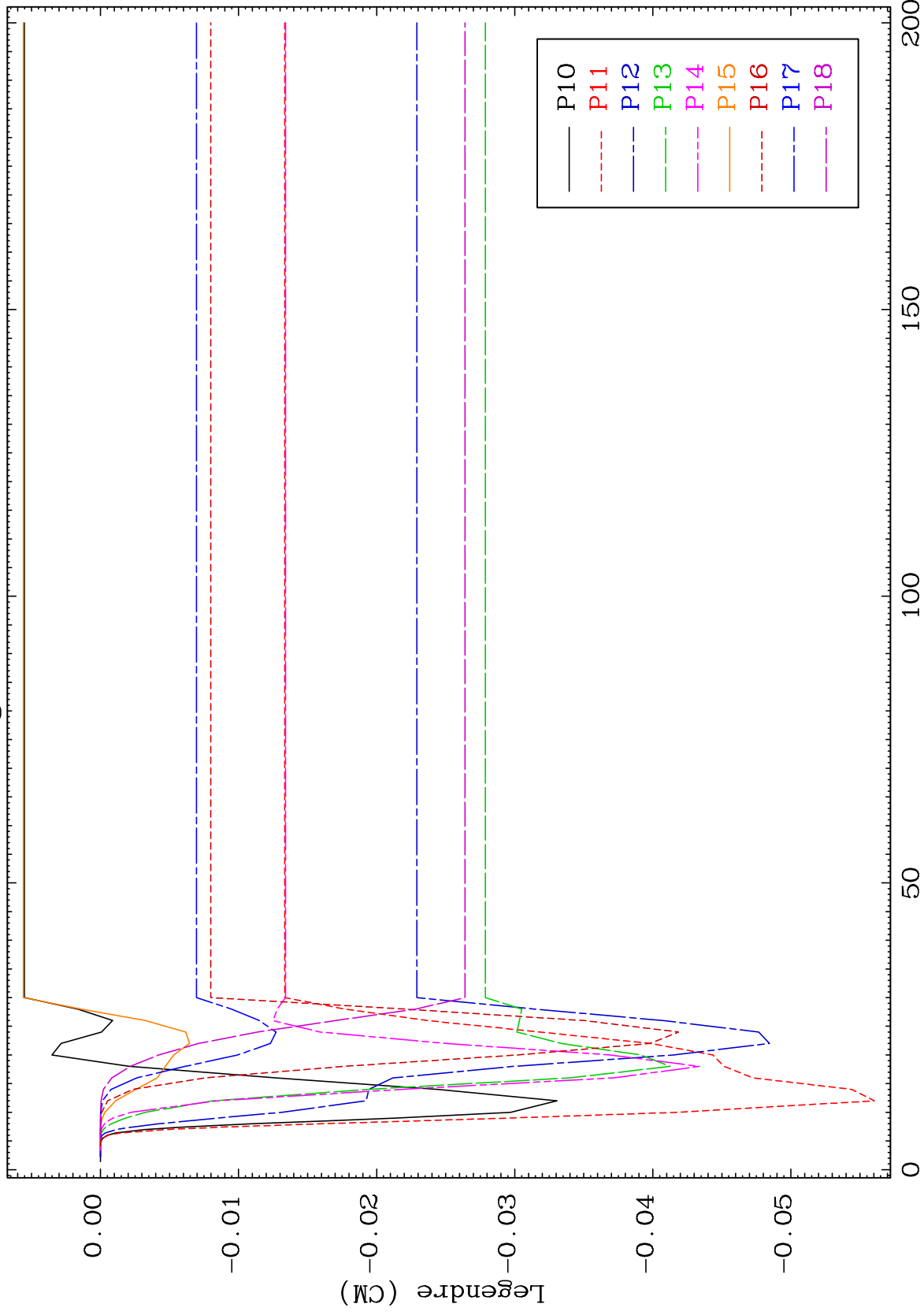
Incident Energy (MeV)

59

MAT 5734

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

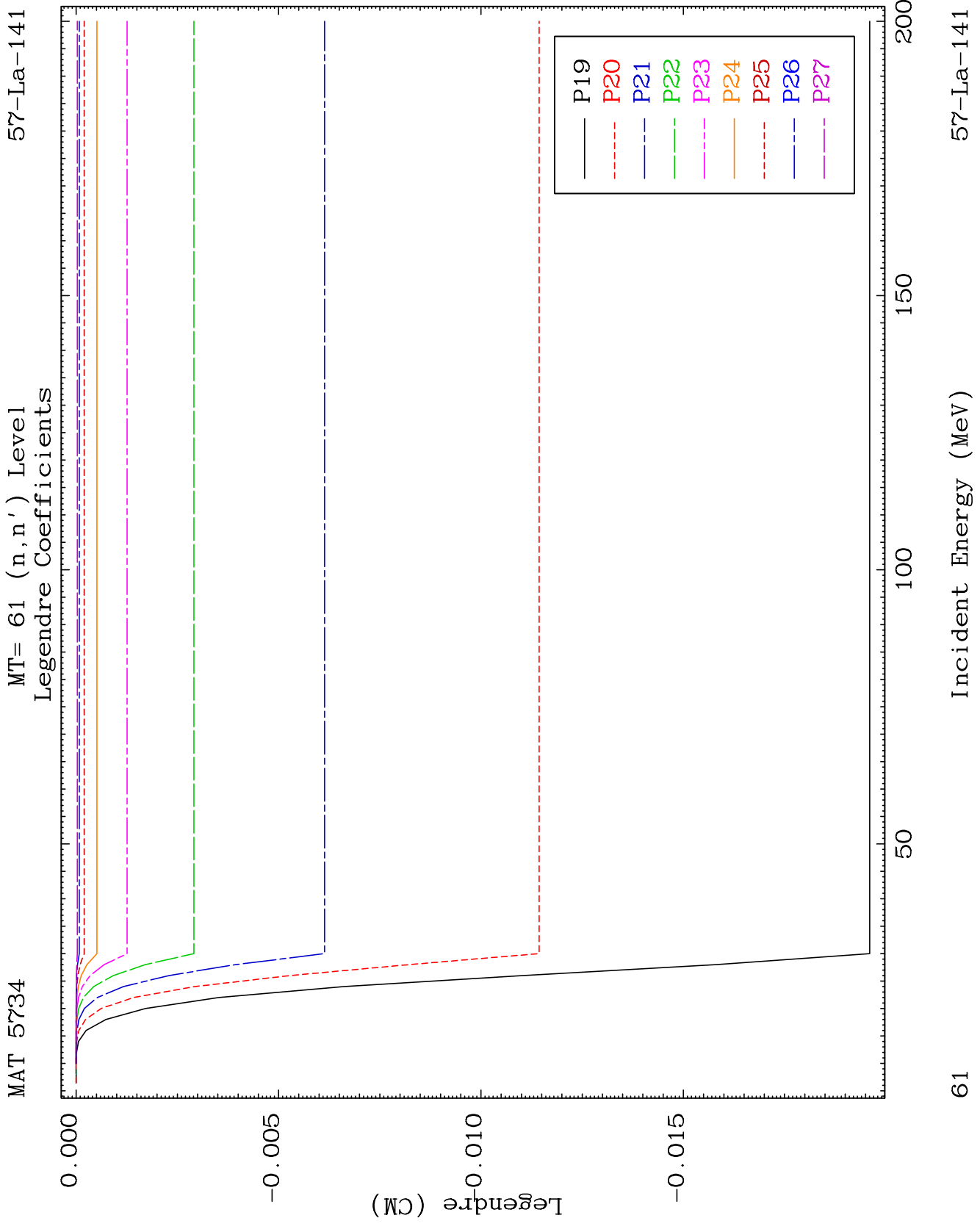
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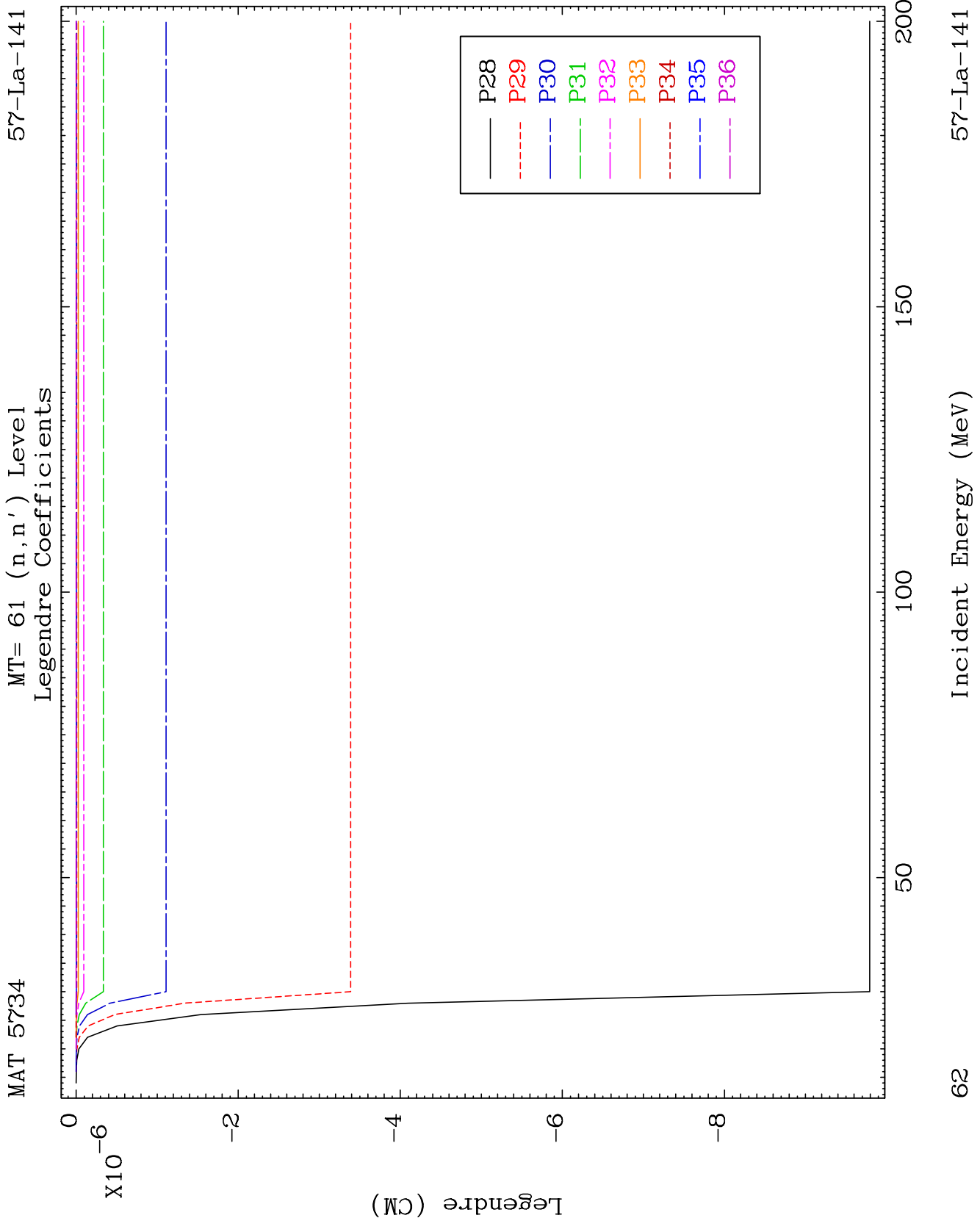


57-La-141

Incident Energy (MeV)

60



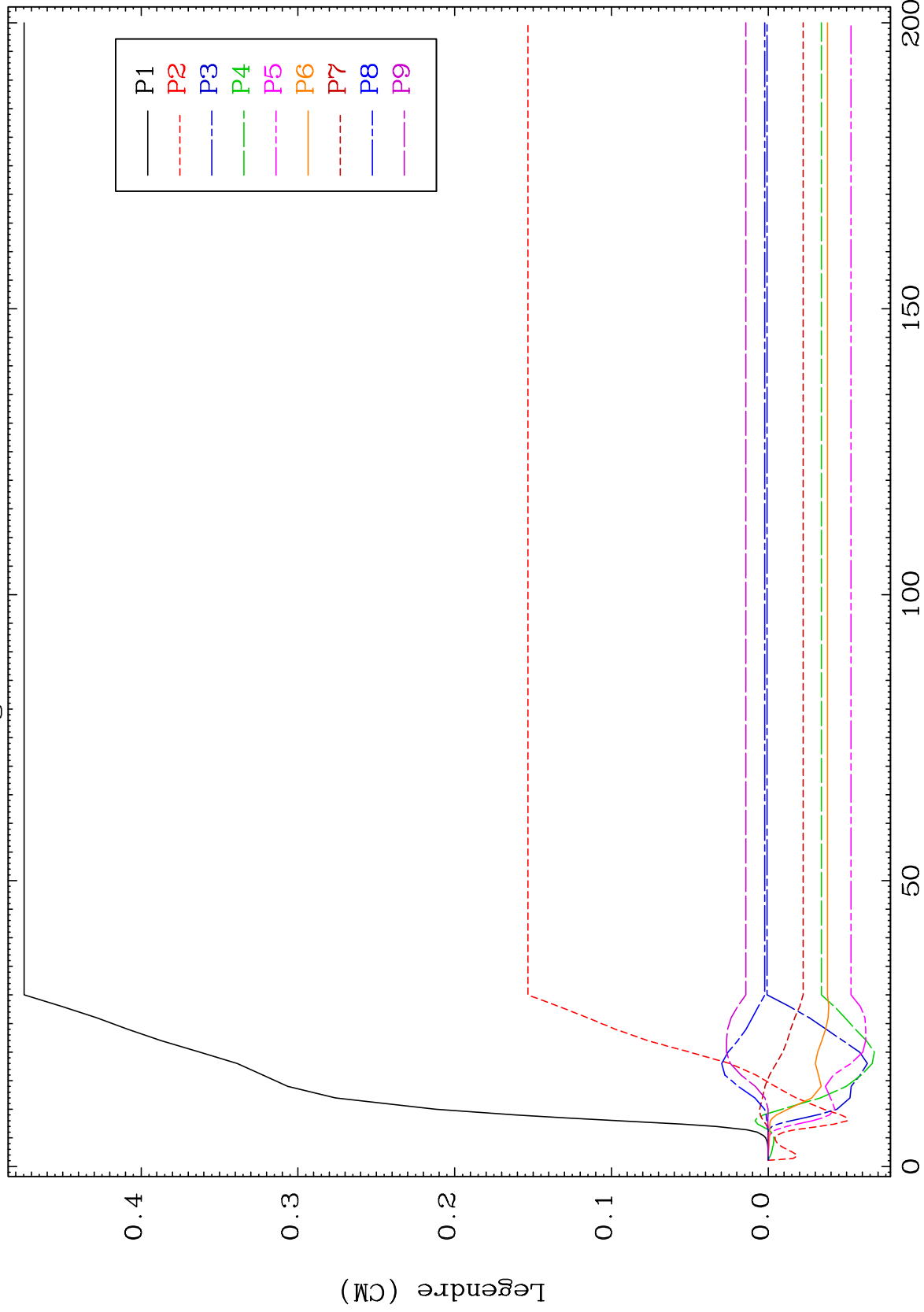


MAT 5734

MT= 62 (n,n') Level

57-La-141

Legendre Coefficients



63

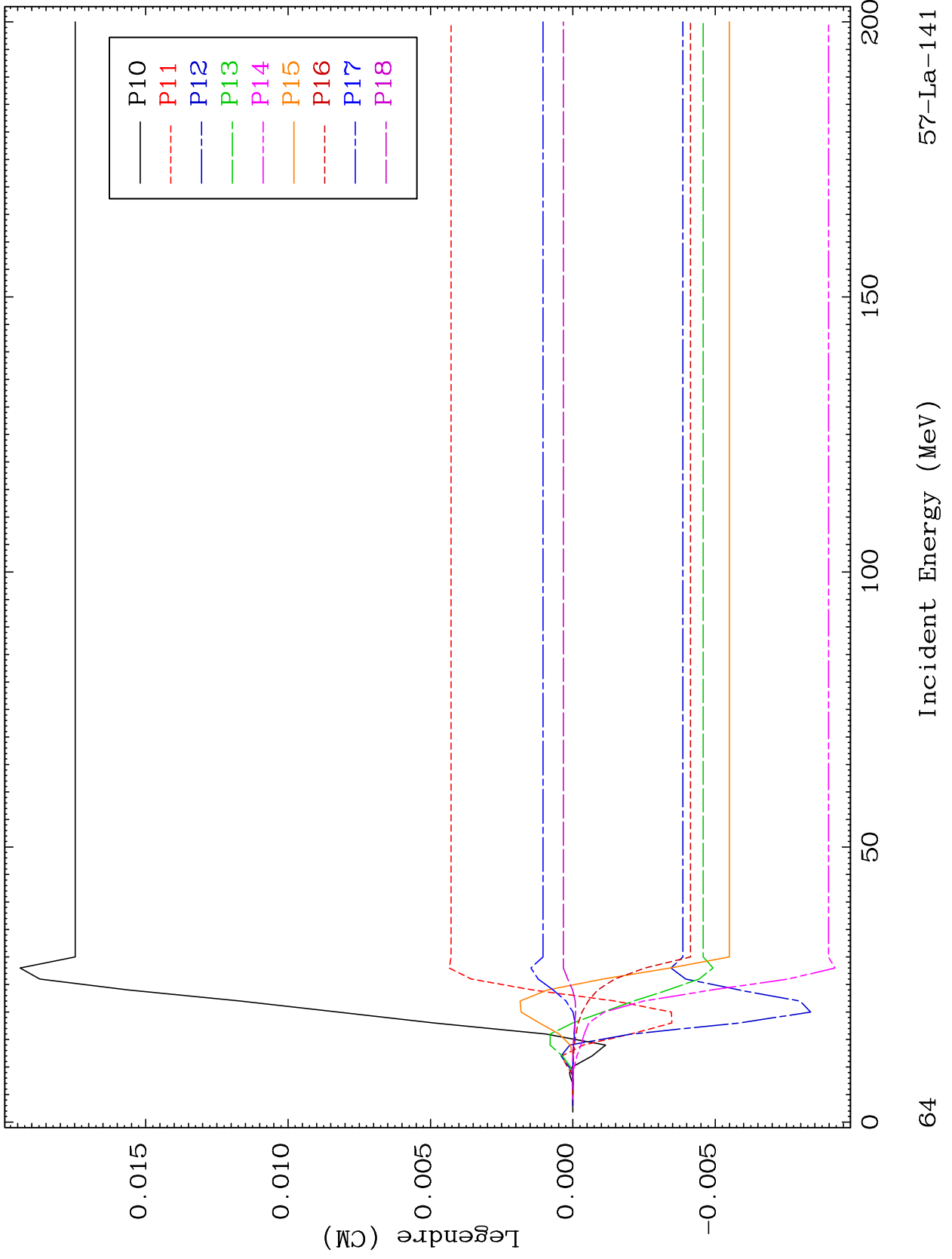
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



64

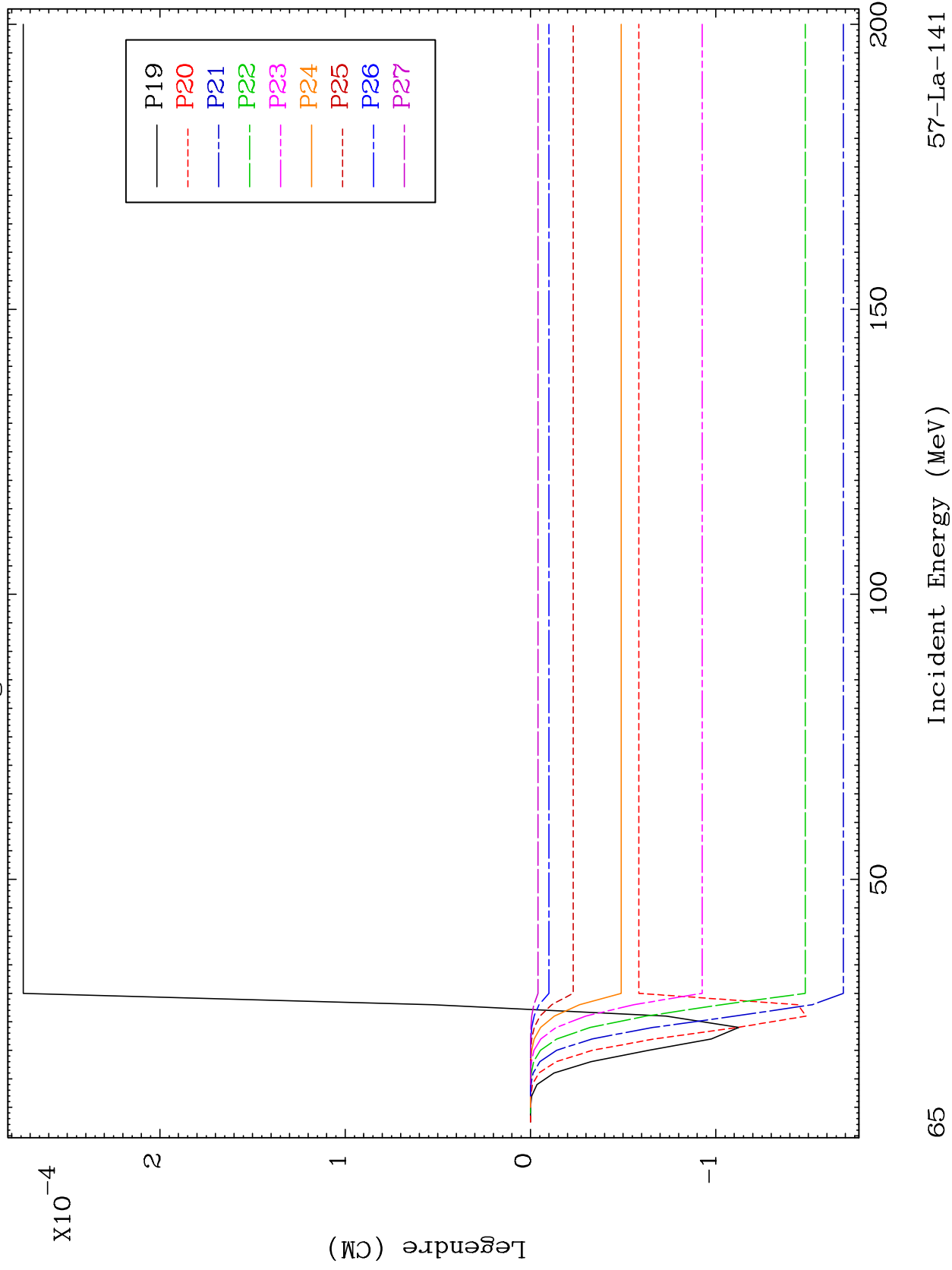
Incident Energy (MeV)

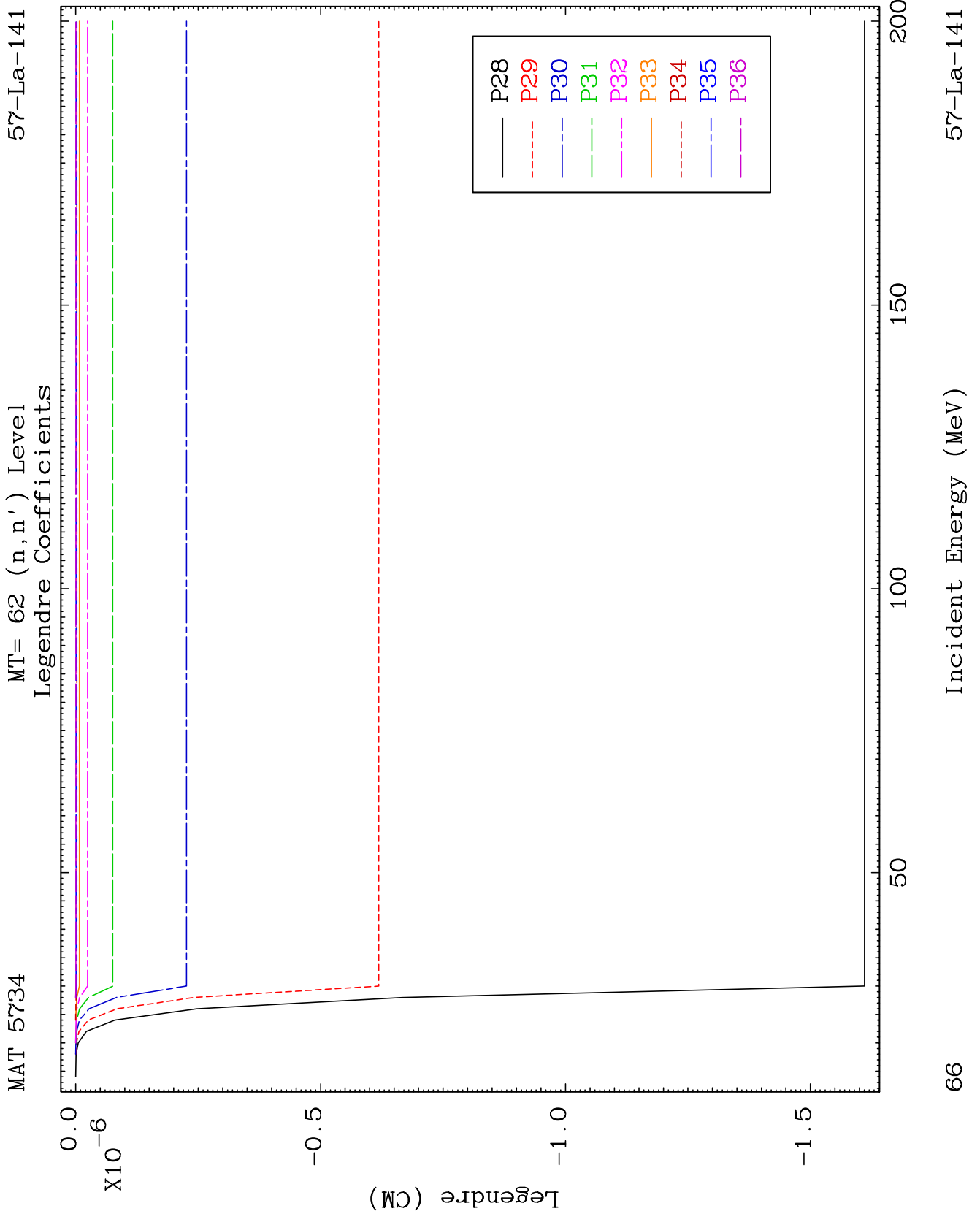
57-La-141

MAT 5734

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

57-La-141

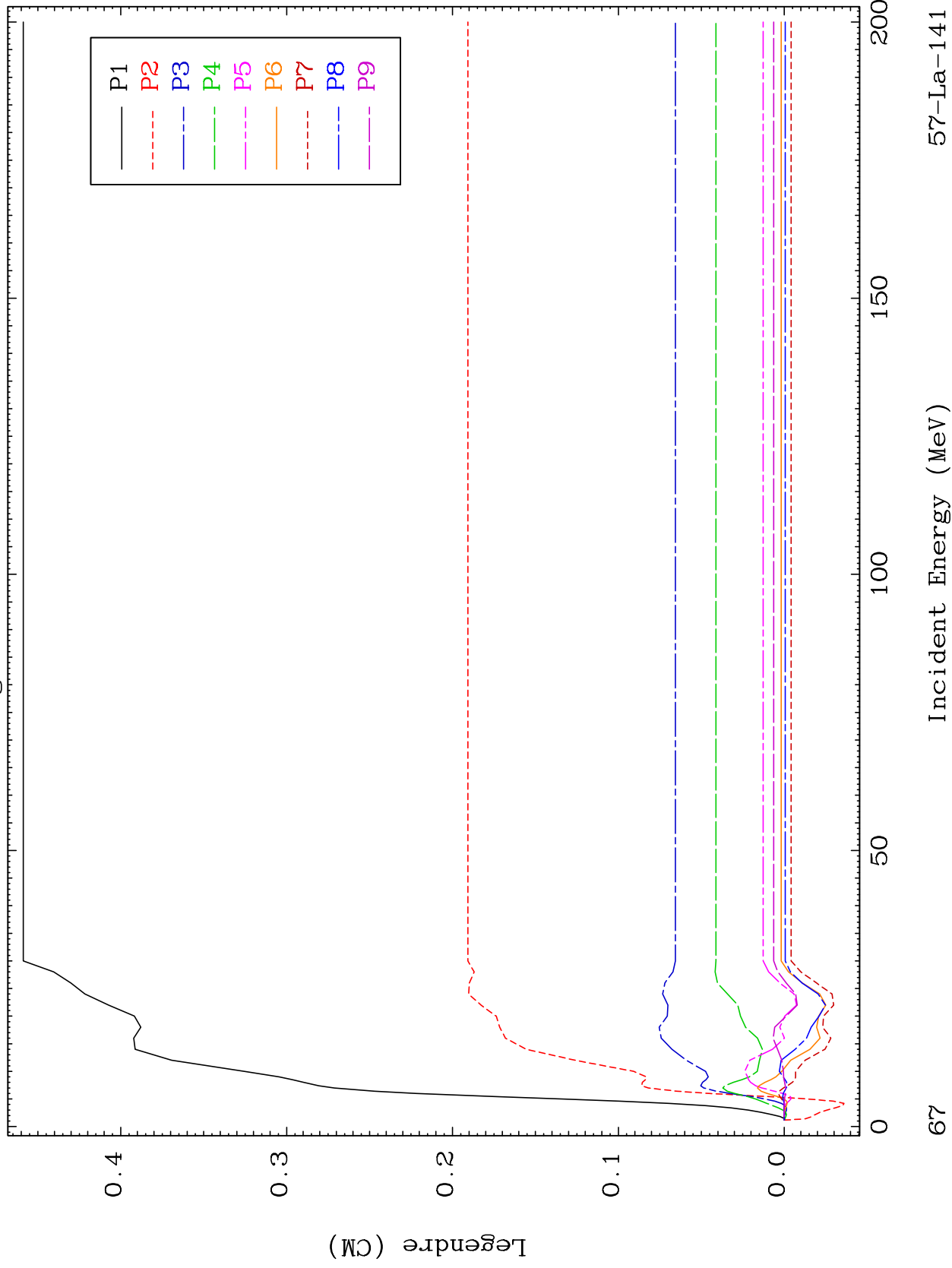




MAT 5734

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

57-La-141



57-La-141

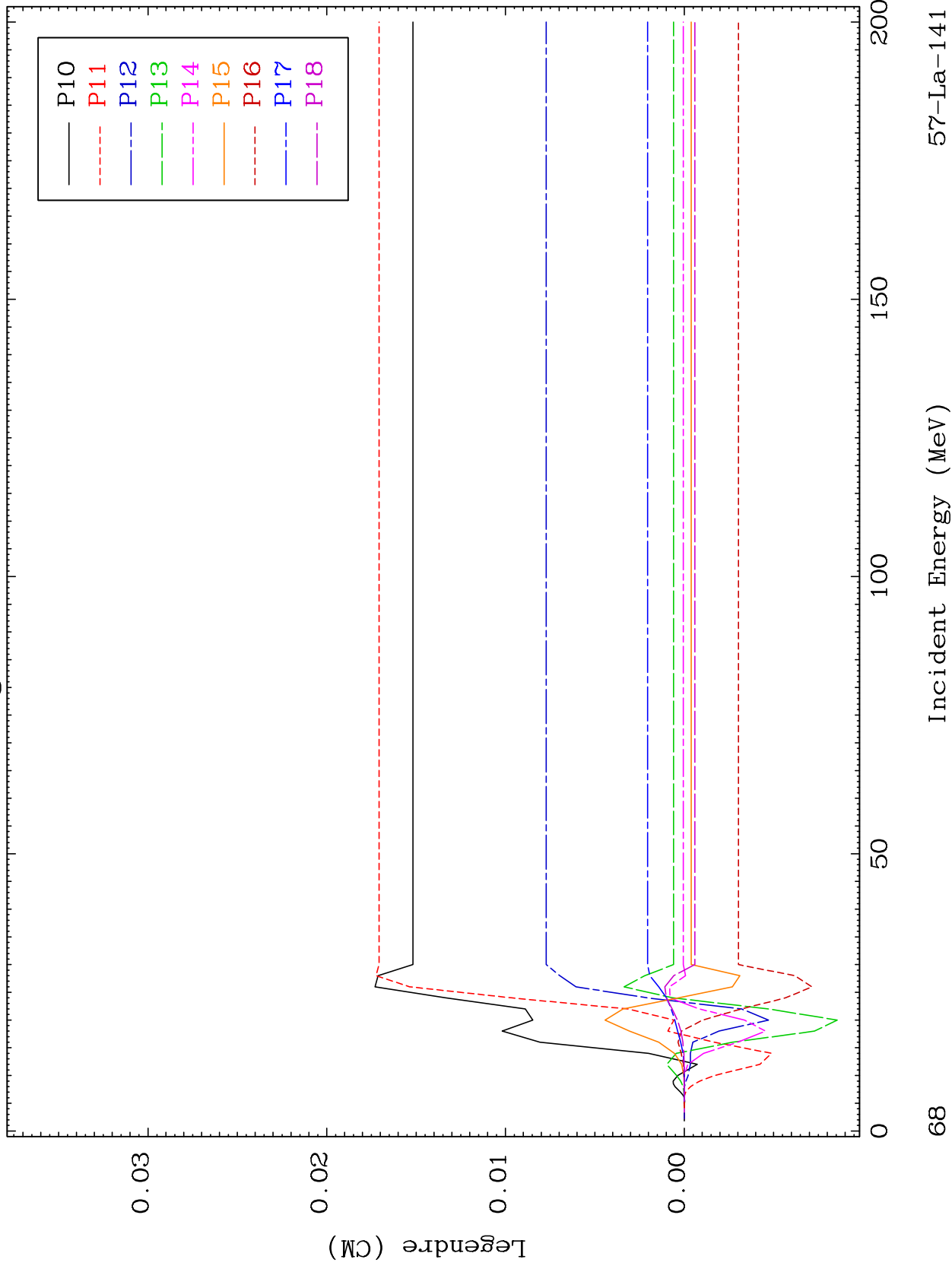
Incident Energy (MeV)

67

MAT 5734

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

57-La-141



57-La-141

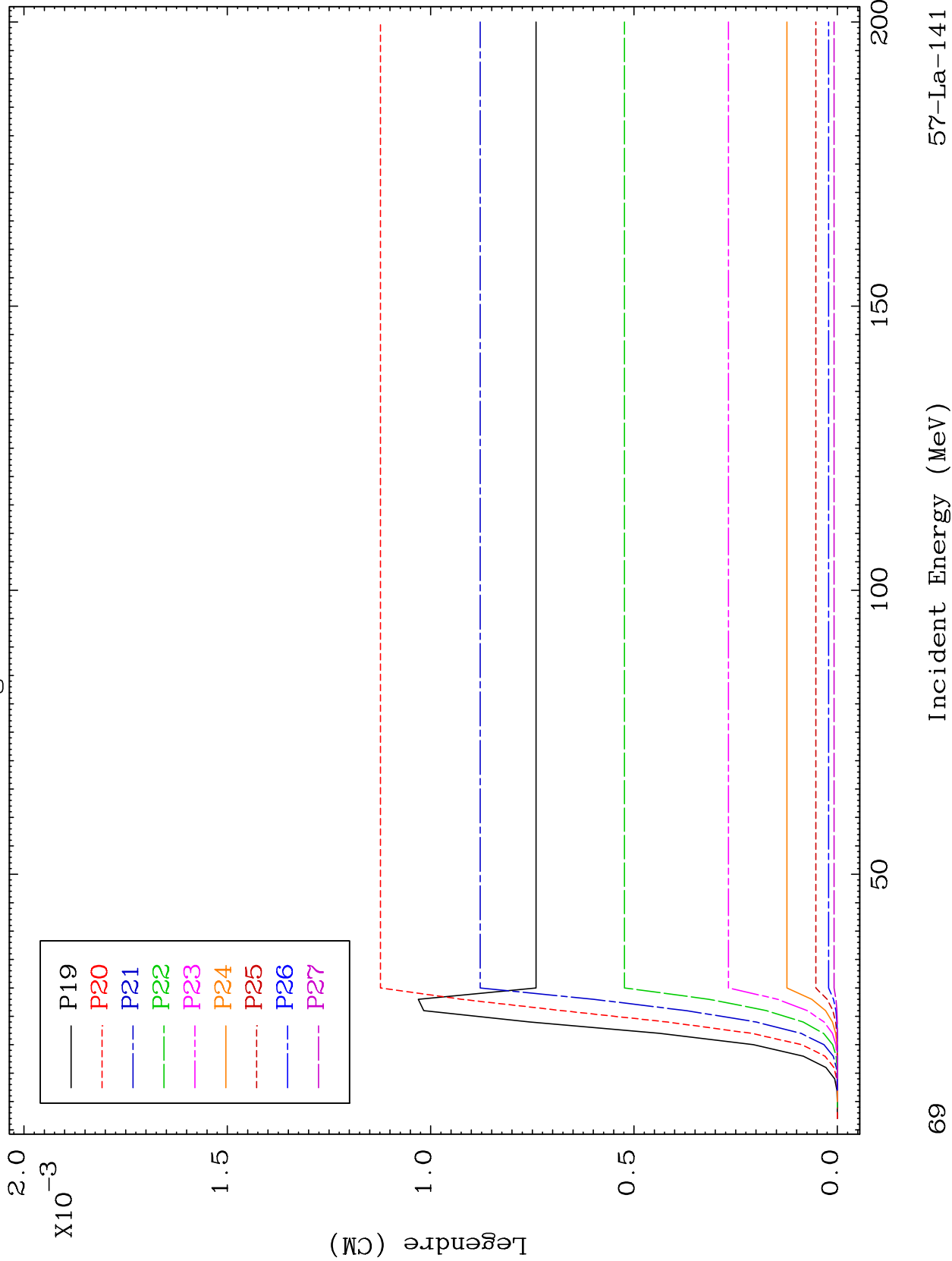
Incident Energy (MeV)

68

MAT 5734

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

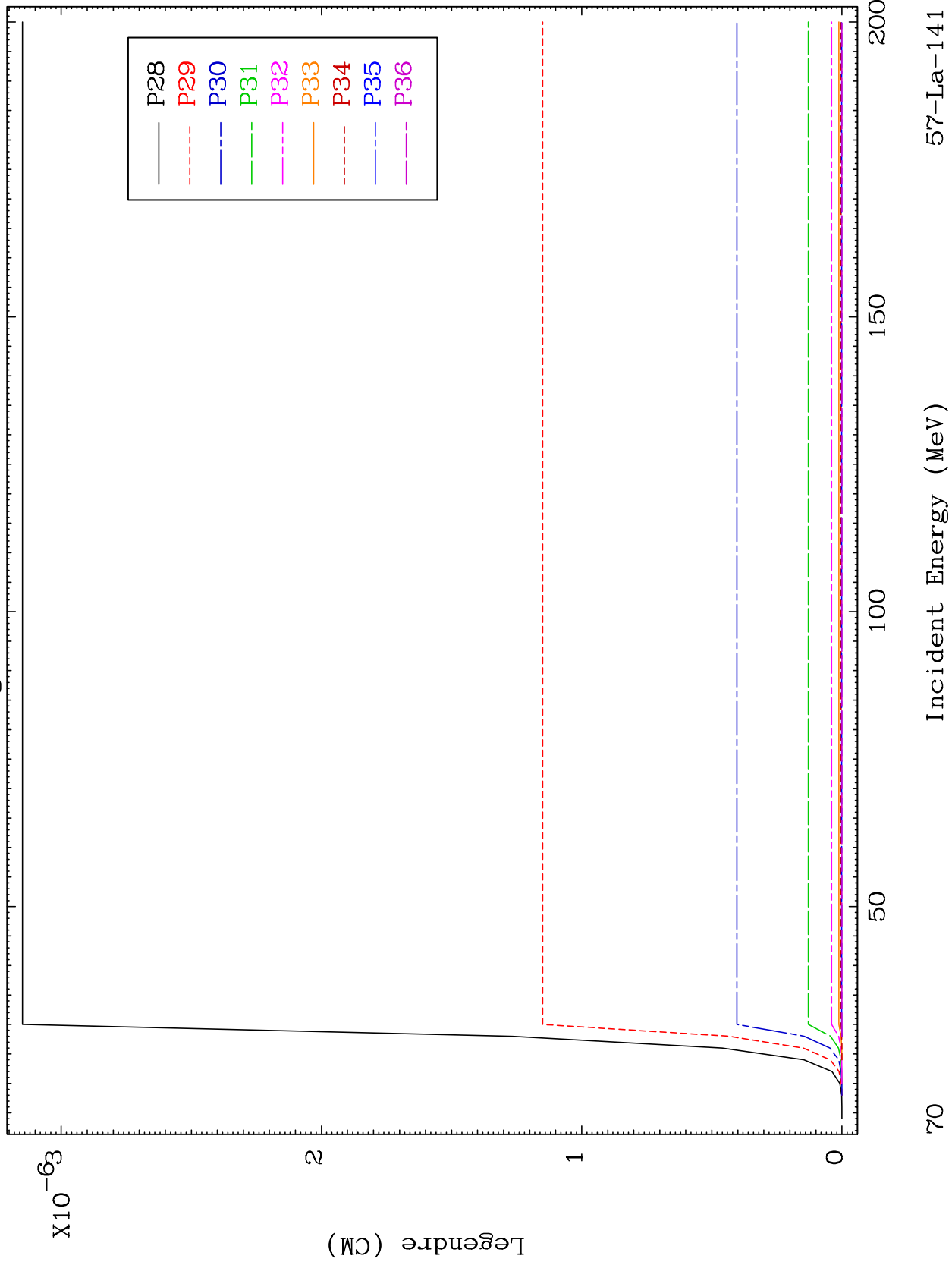
57-La-141



MAT 5734

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

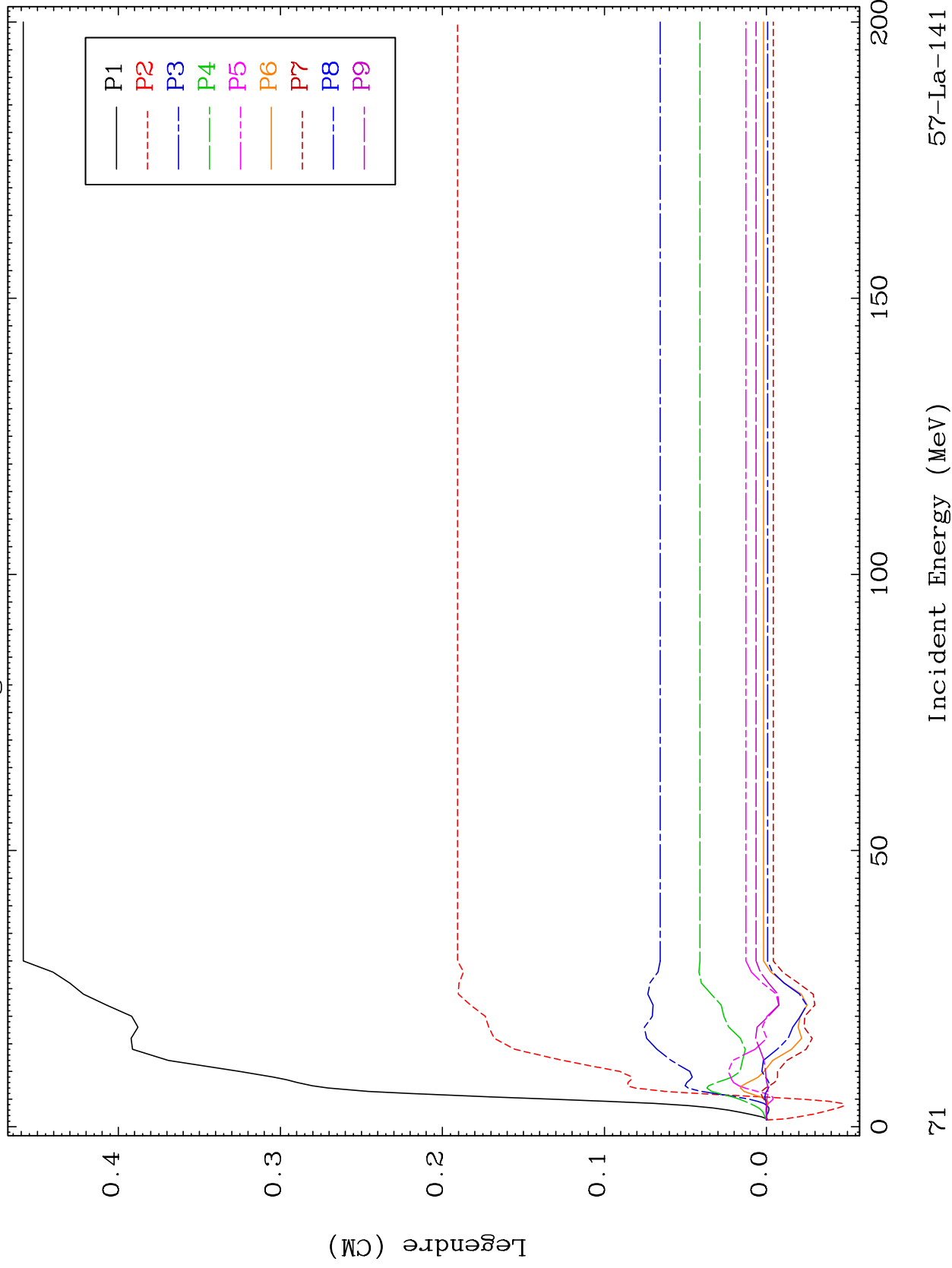
57-La-141



MAT 5734

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

57-La-141



57-La-141

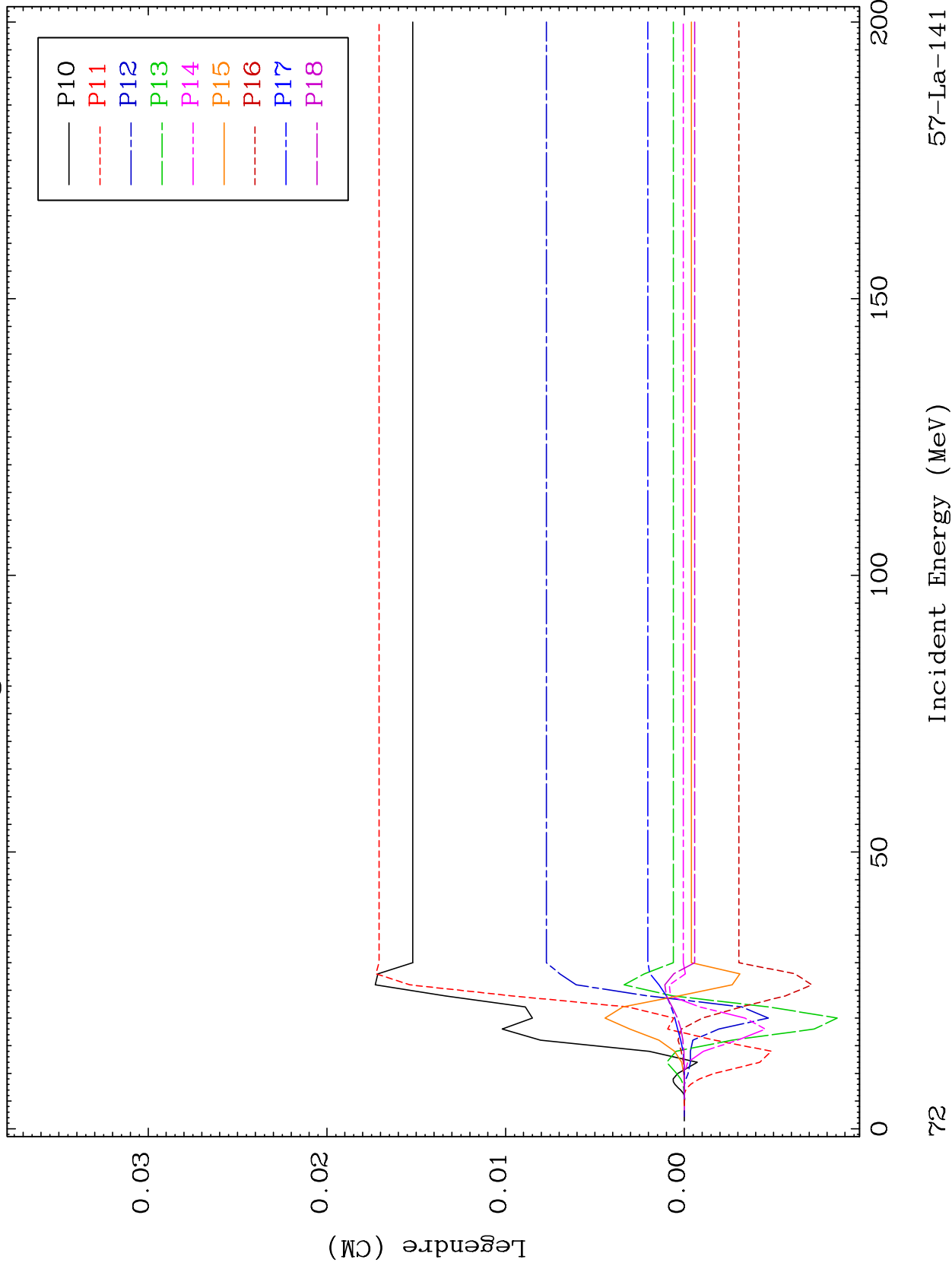
Incident Energy (MeV)

71

MAT 5734

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

57-La-141



57-La-141

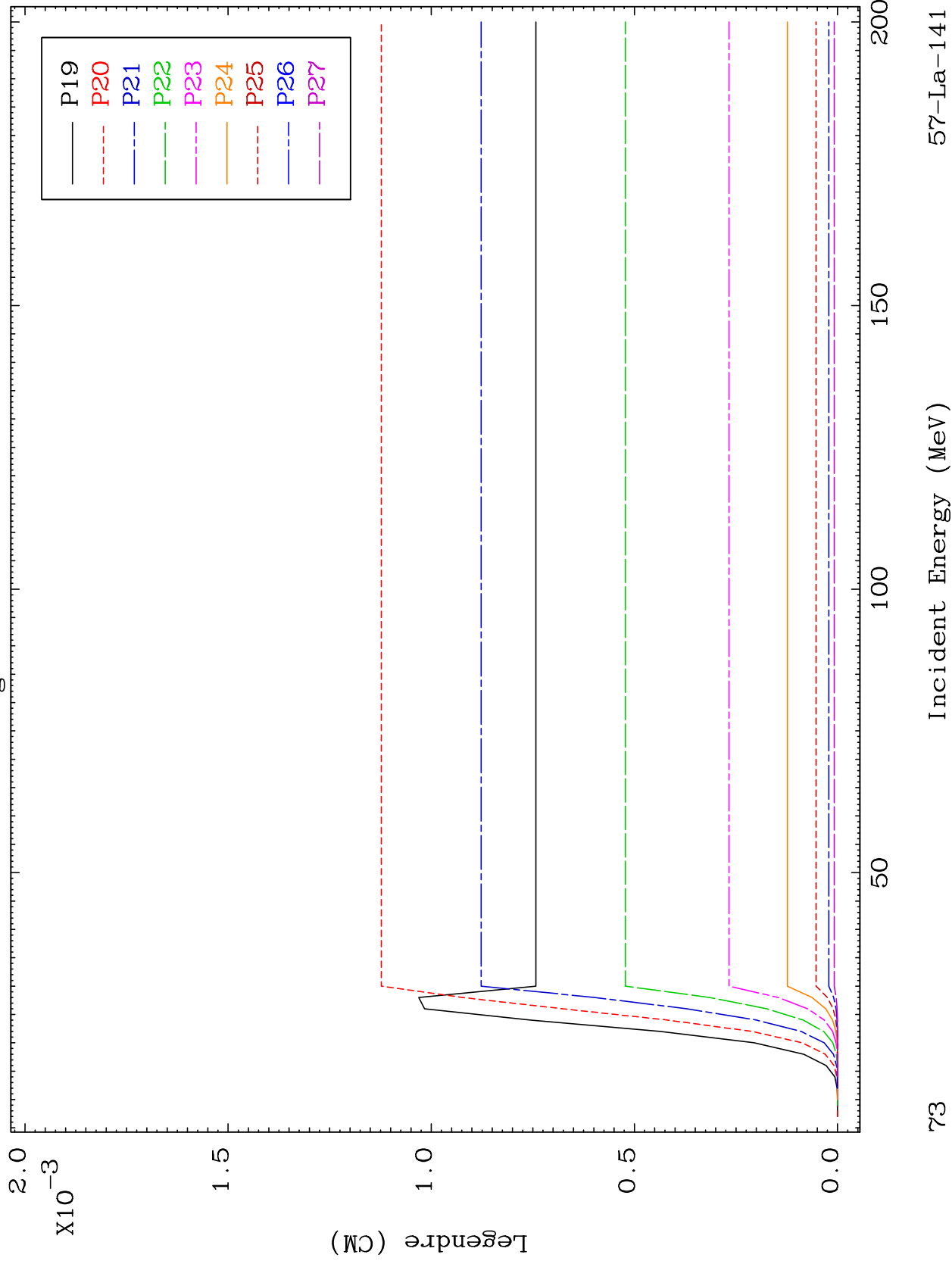
Incident Energy (MeV)

72

MAT 5734

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

57-La-141



73

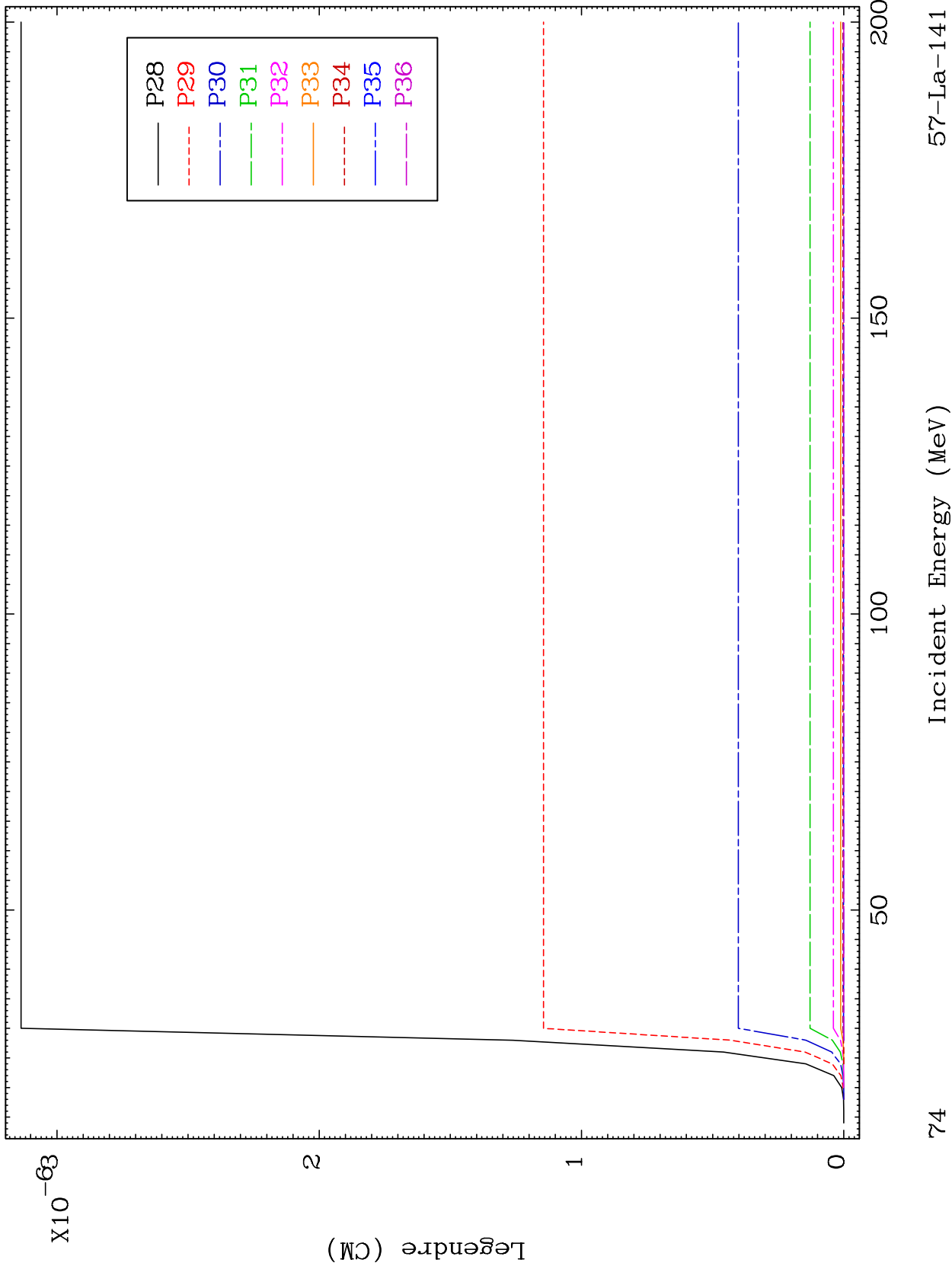
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



74

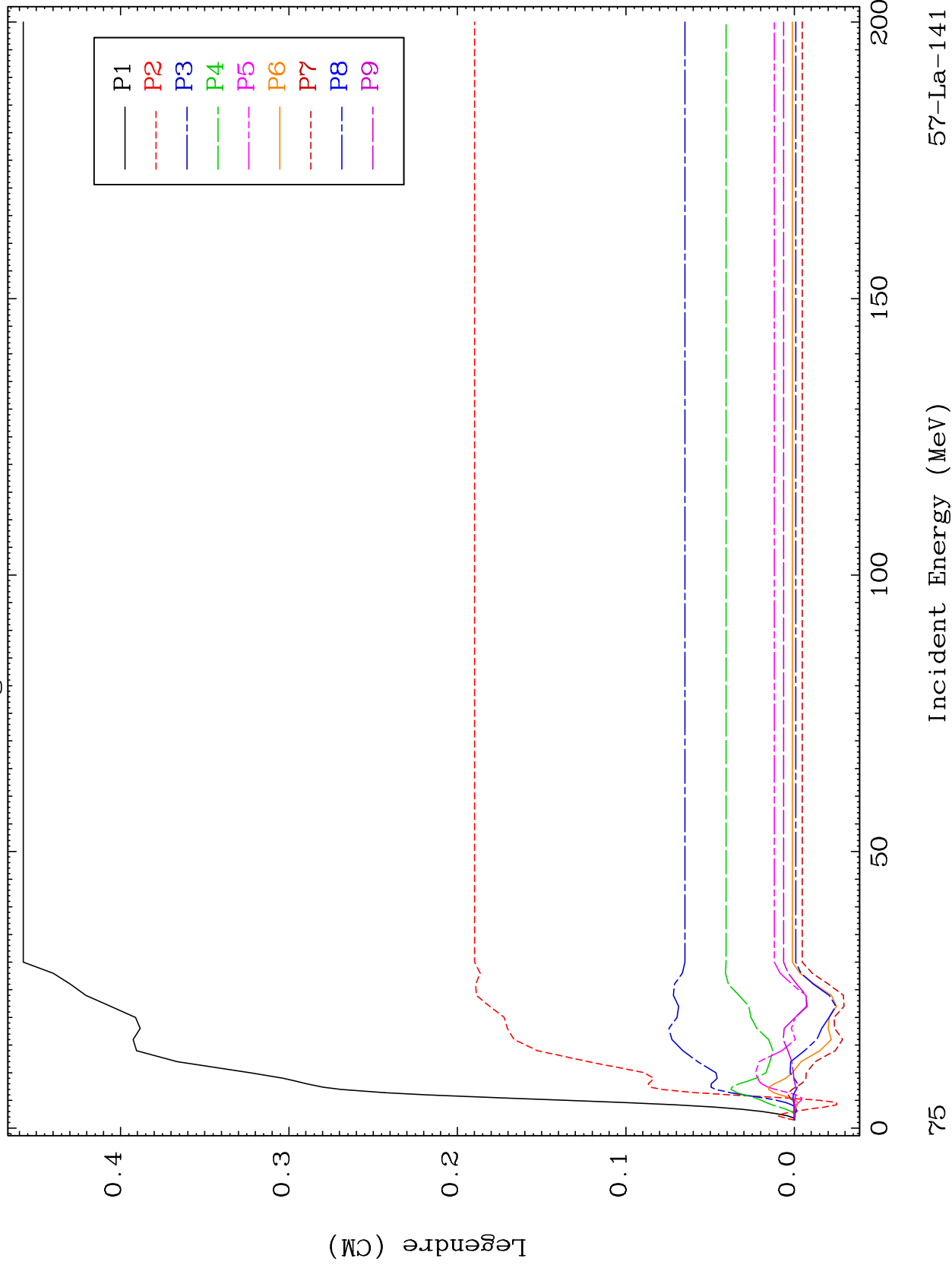
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



57-La-141

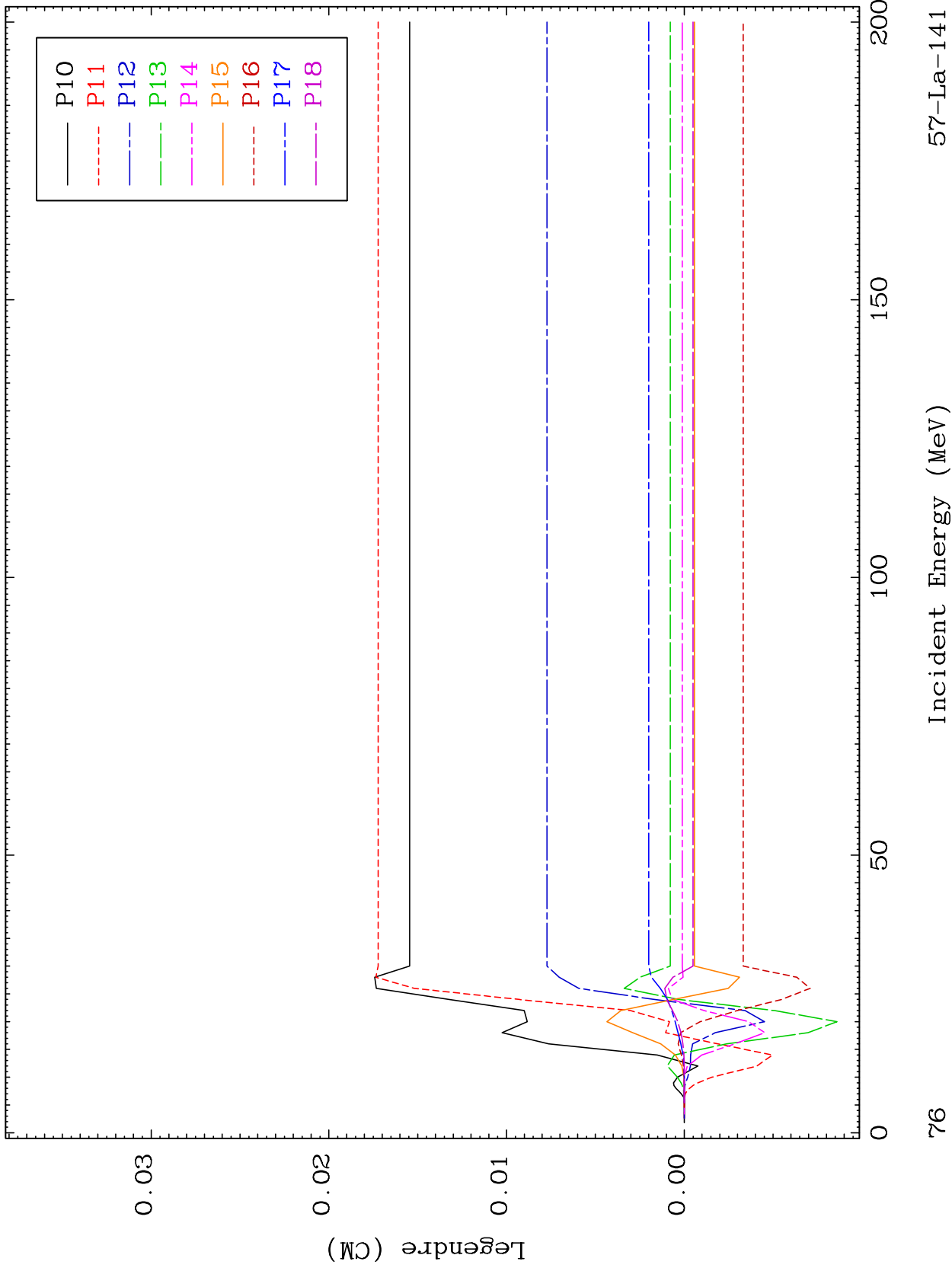
Incident Energy (MeV)

75

MAT 5734

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

57-La-141



57-La-141

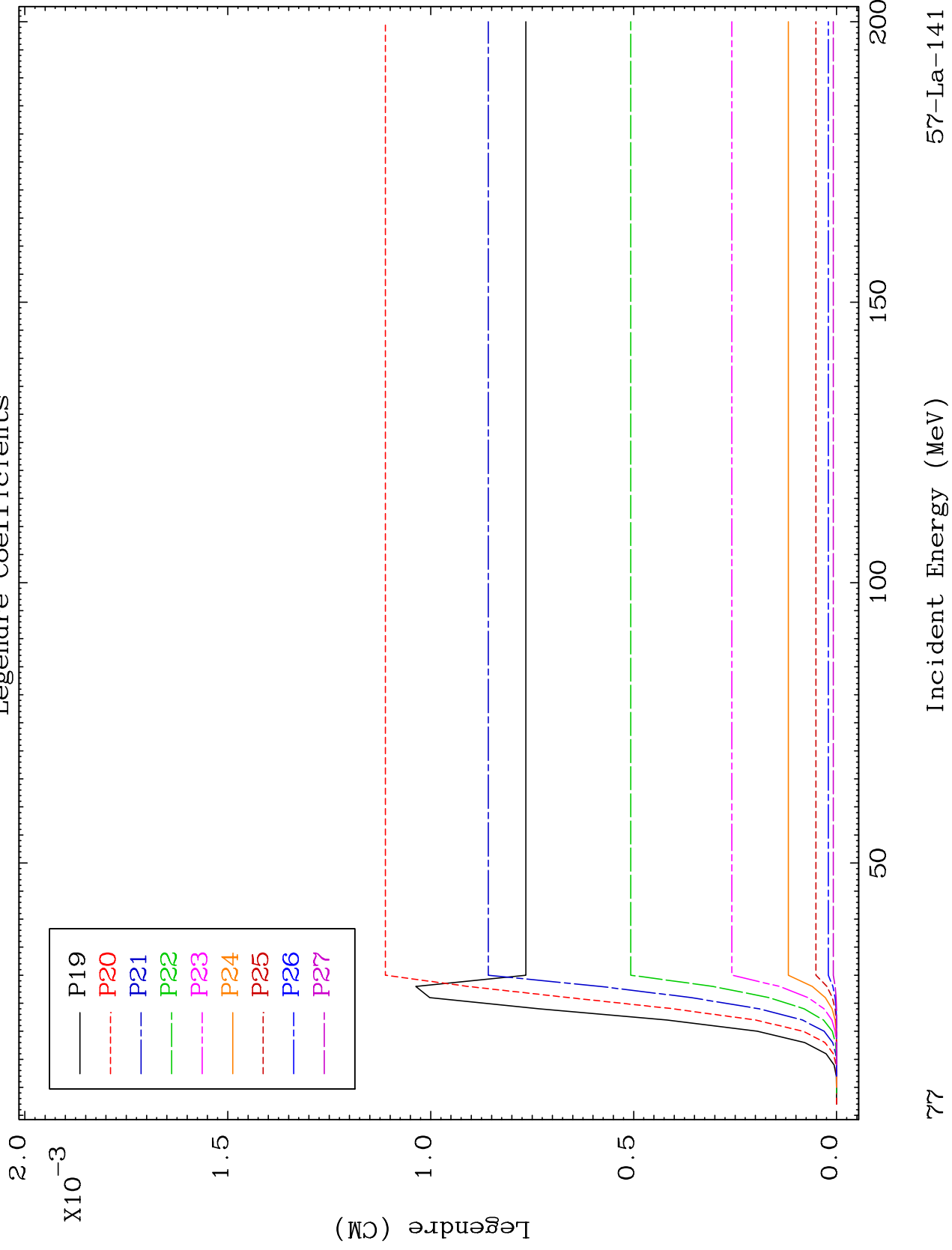
Incident Energy (MeV)

76

MAT 5734

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

57-La-141



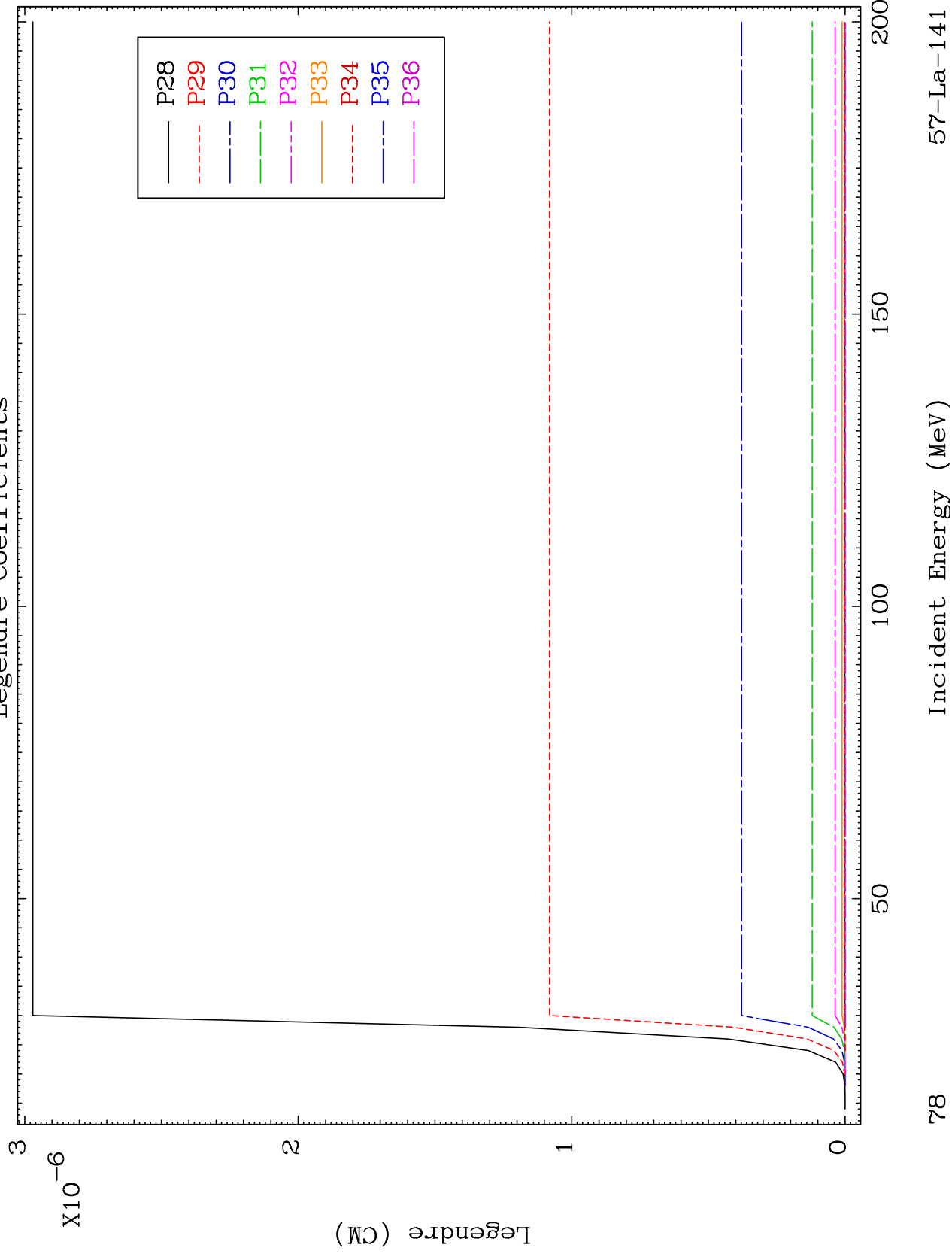
77

57-La-141

MAT 5734

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

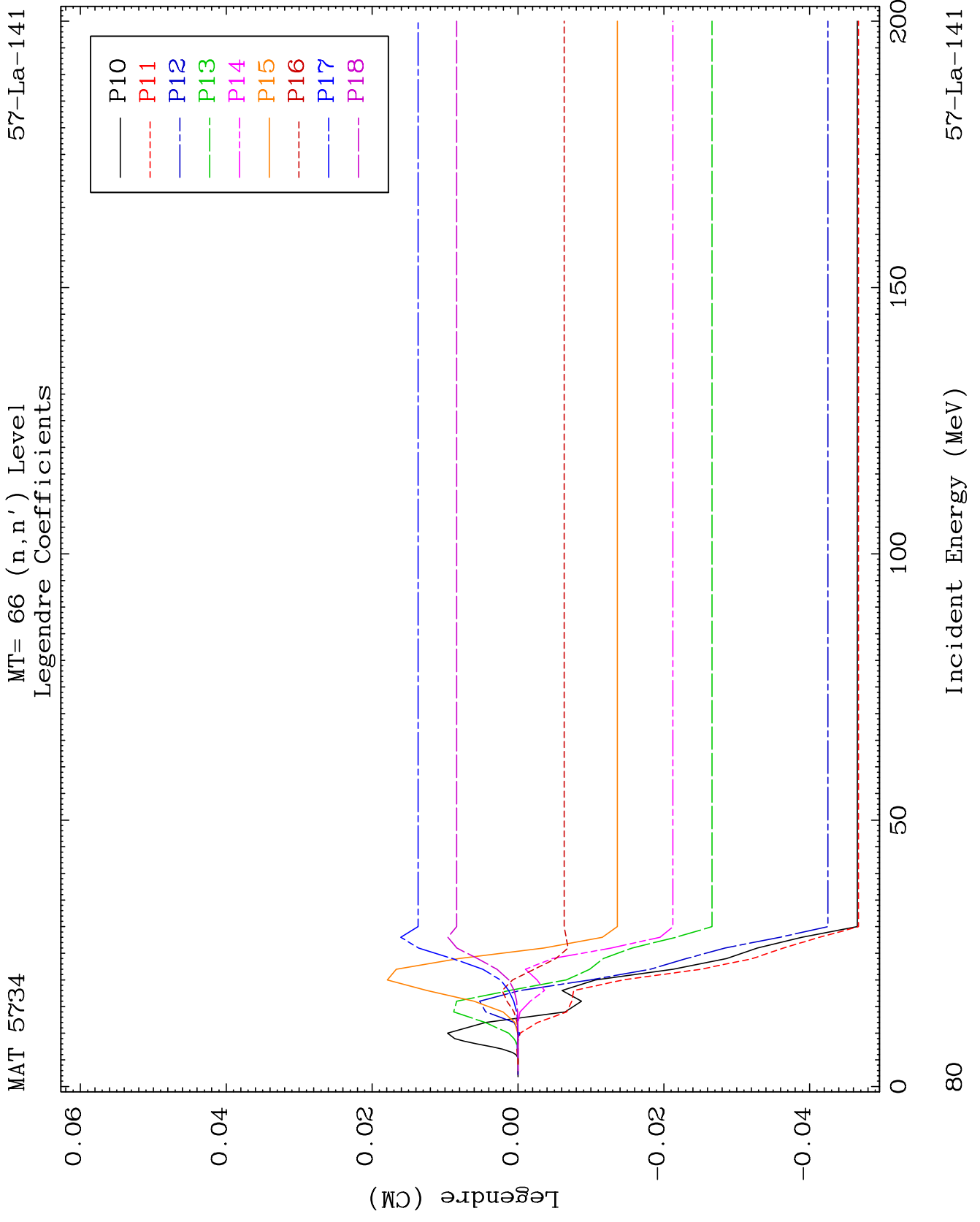
57-La-141



78

Incident Energy (MeV)

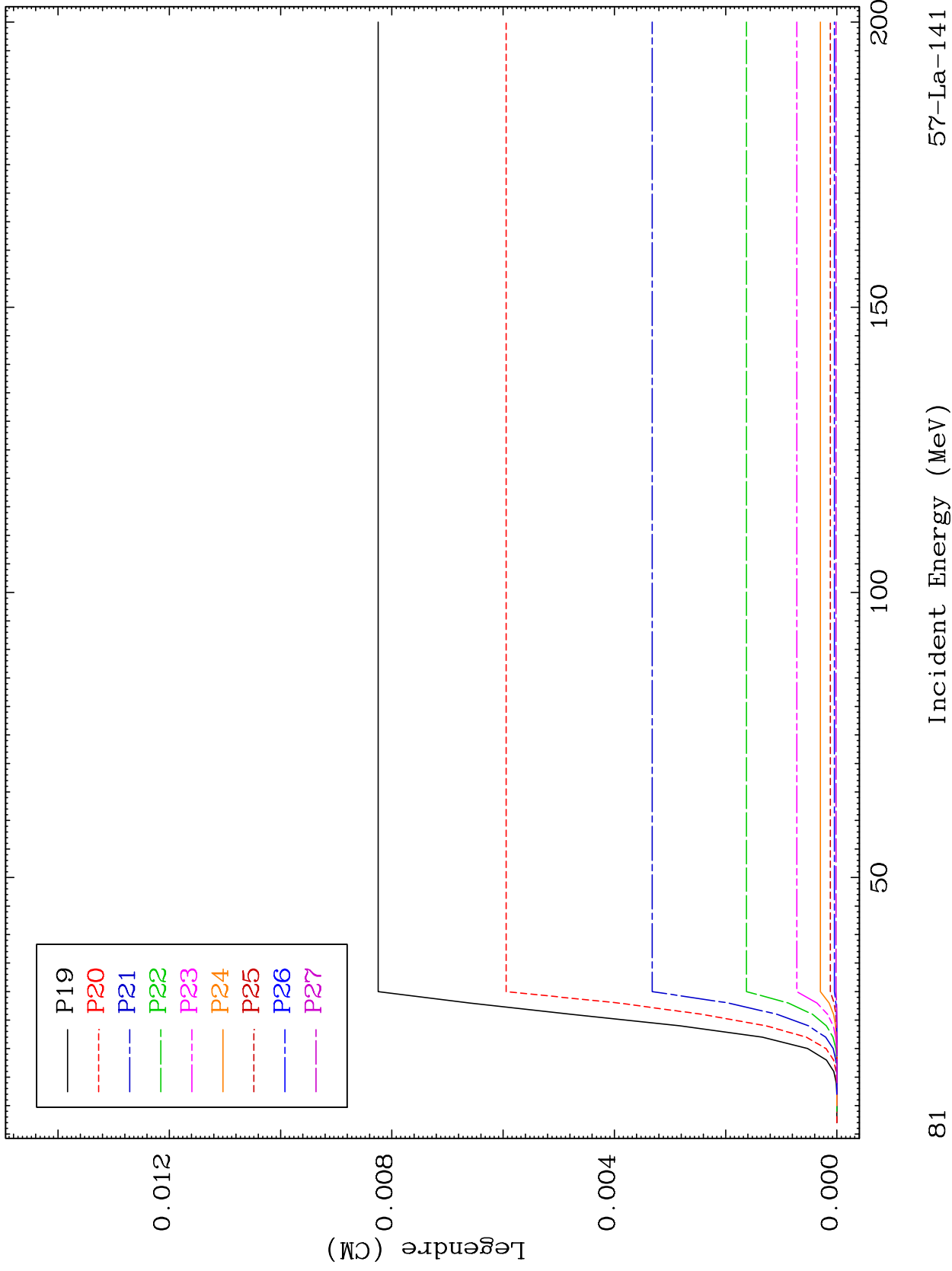
57-La-141



MAT 5734

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

57-La-141



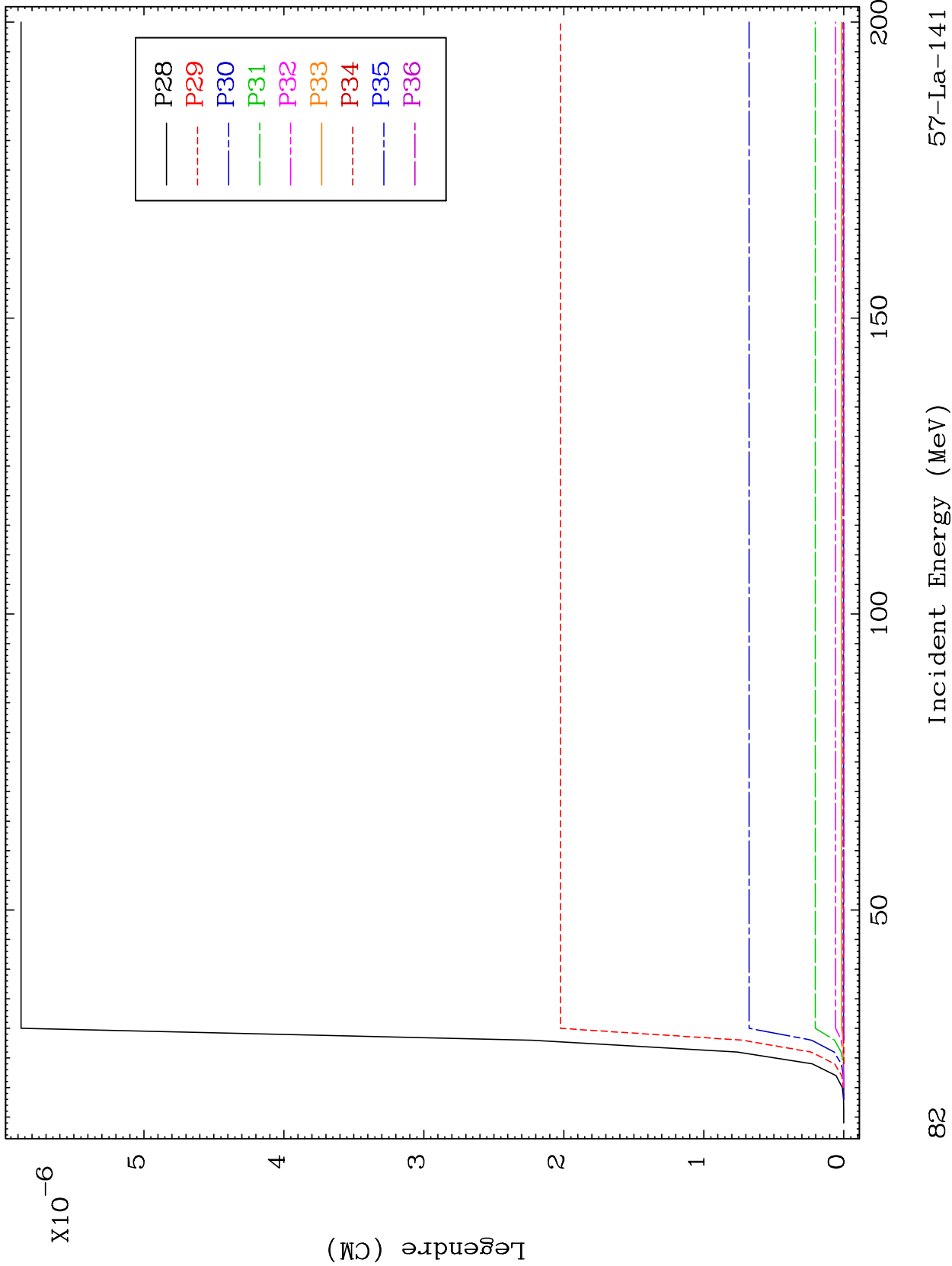
81

57-La-141

MAT 5734

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

57-La-141



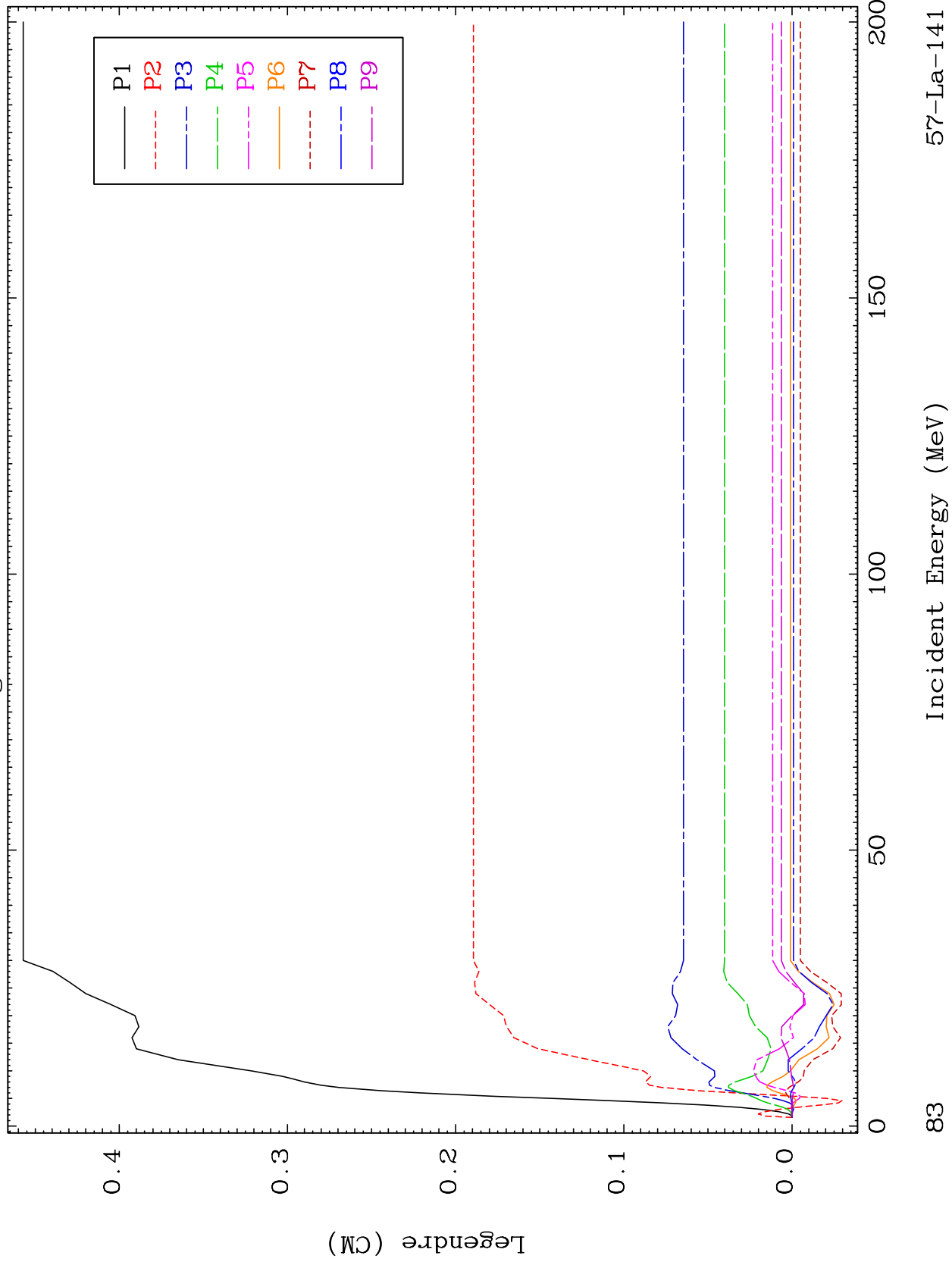
82

57-La-141

MAT 5734

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

57-La-141



57-La-141

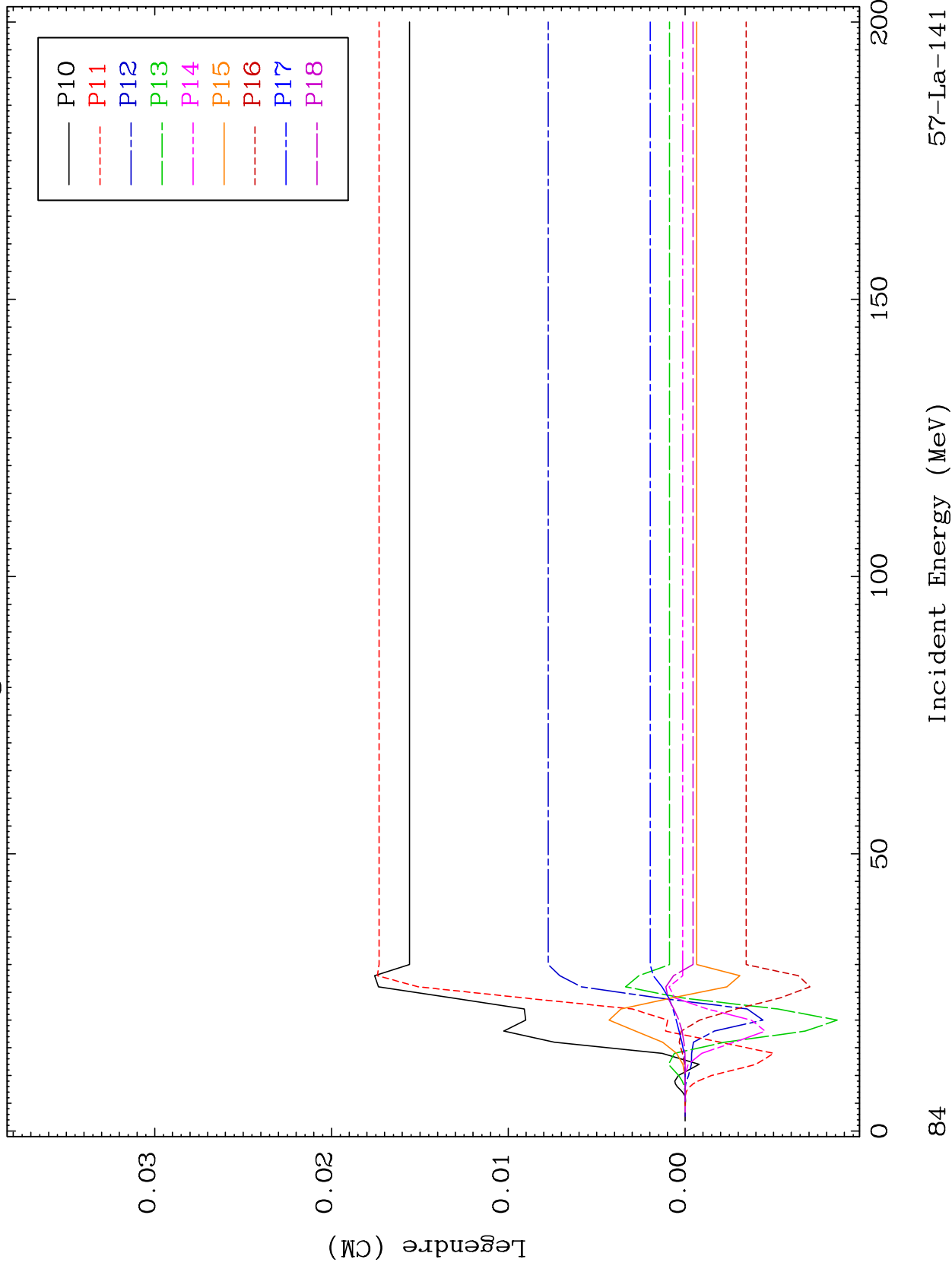
Incident Energy (MeV)

83

MAT 5734

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

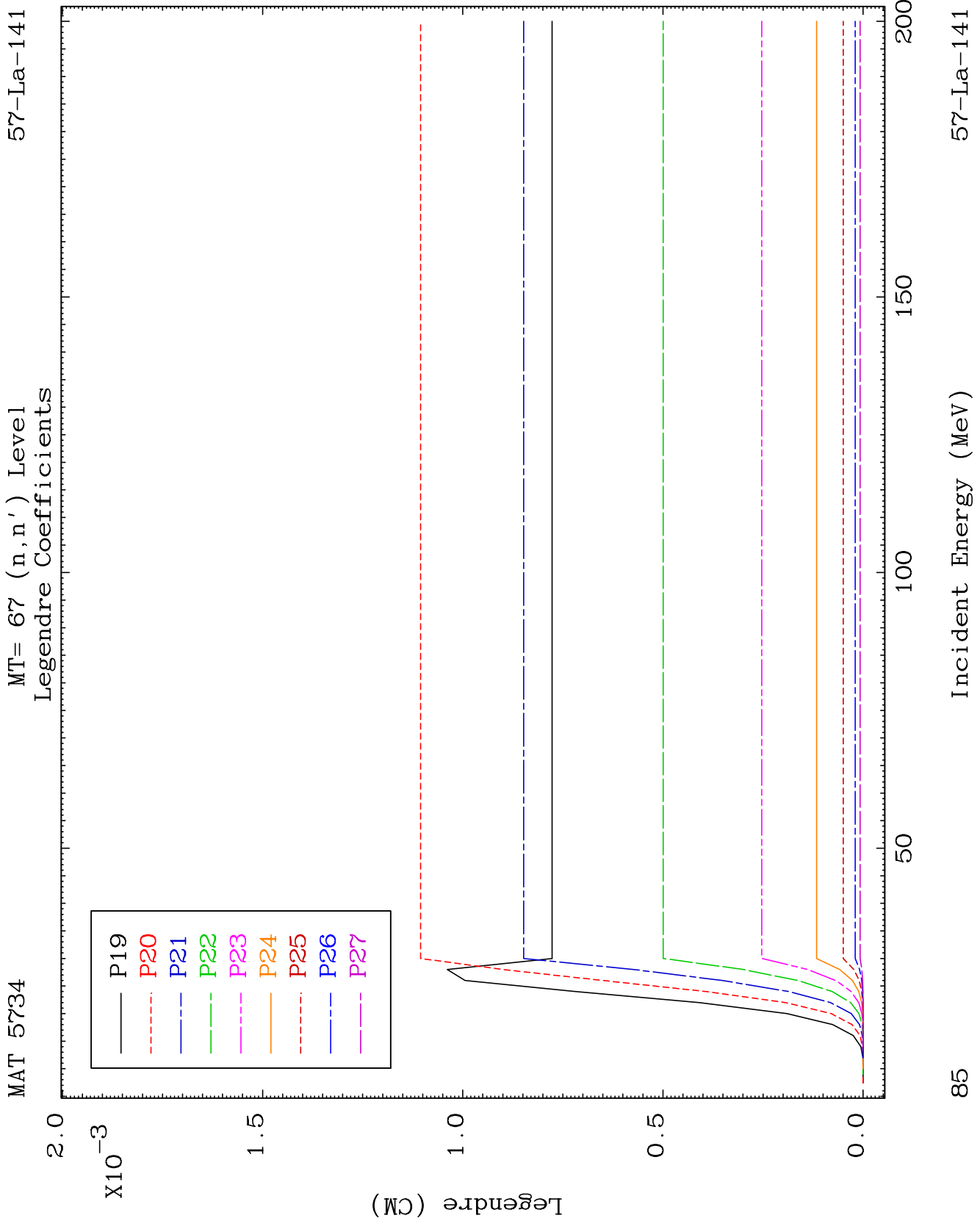
57-La-141



84

Incident Energy (MeV)

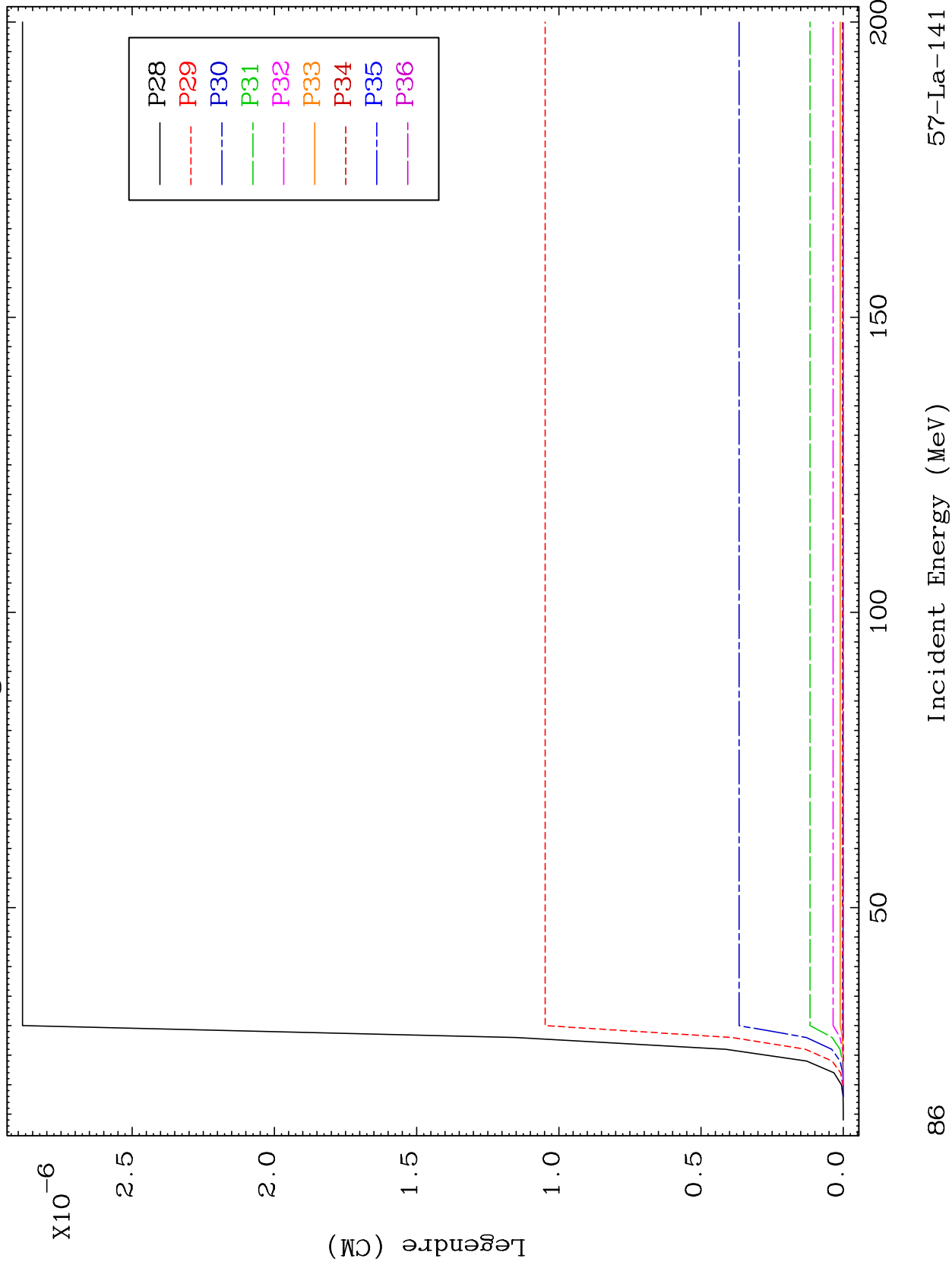
57-La-141

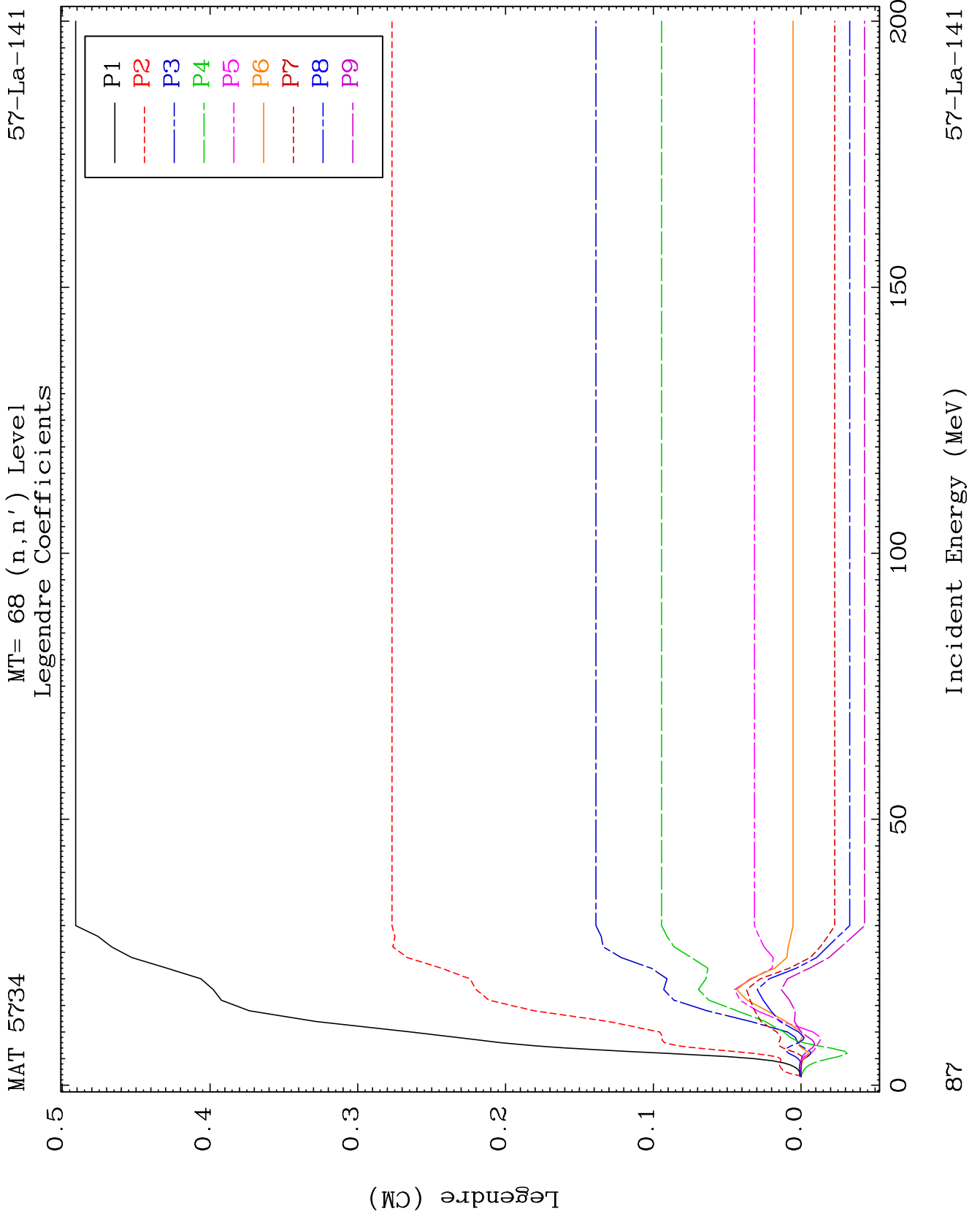


MAT 5734

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

57-La-141

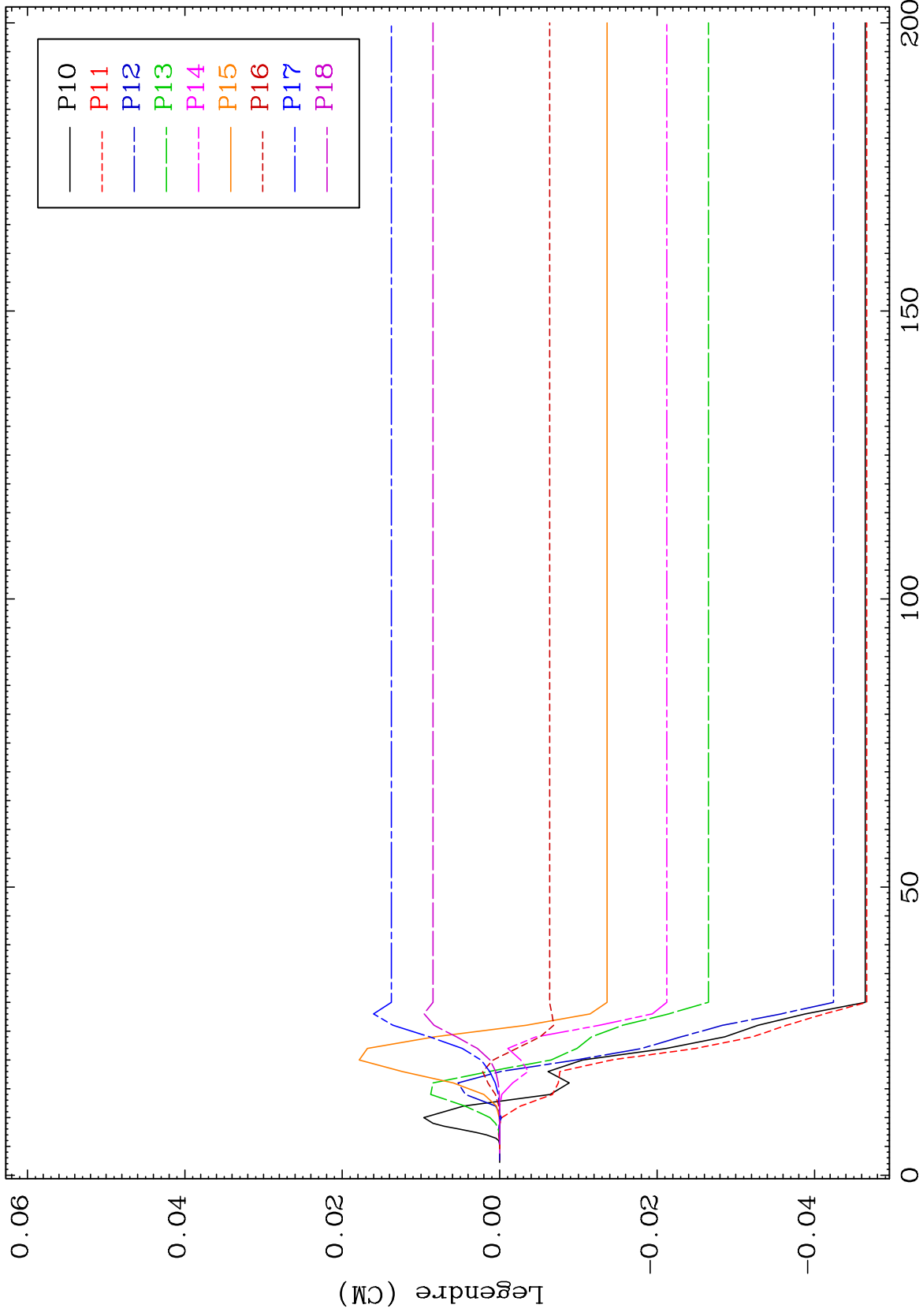




MAT 5734

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

57-La-141



88

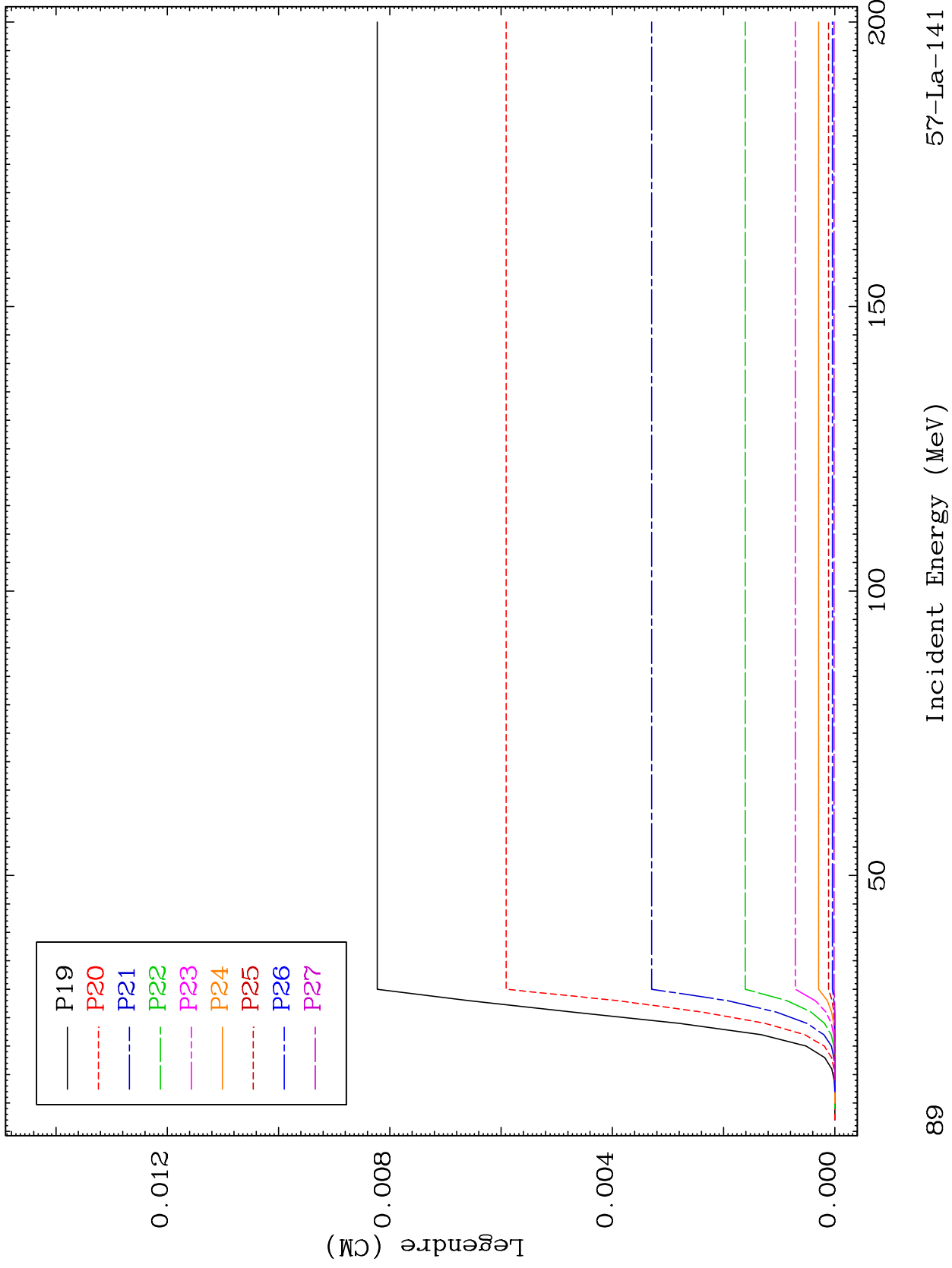
Incident Energy (MeV)

57-La-141

MAT 5734

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

57-La-141



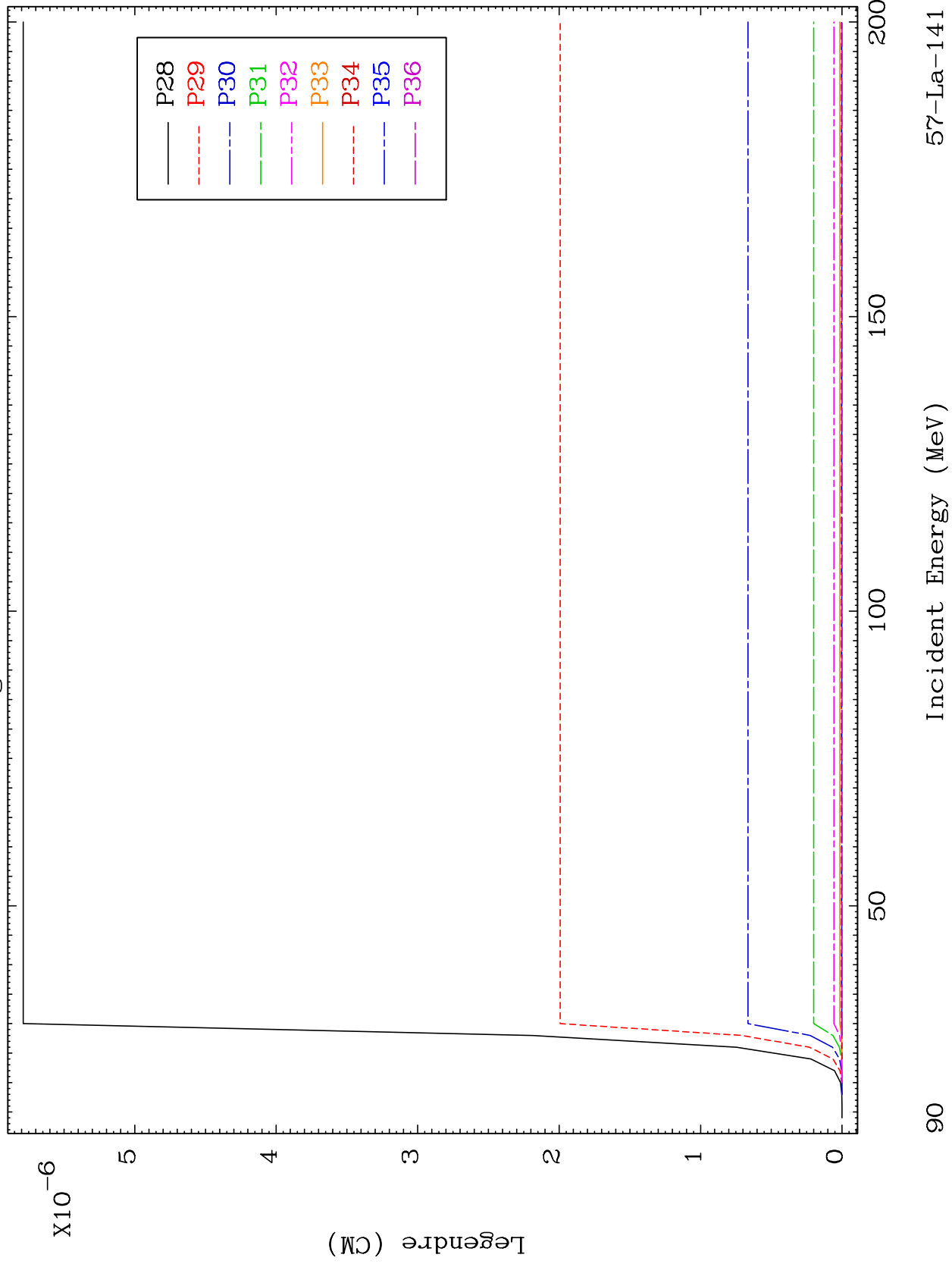
89

57-La-141

MAT 5734

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

57-La-141

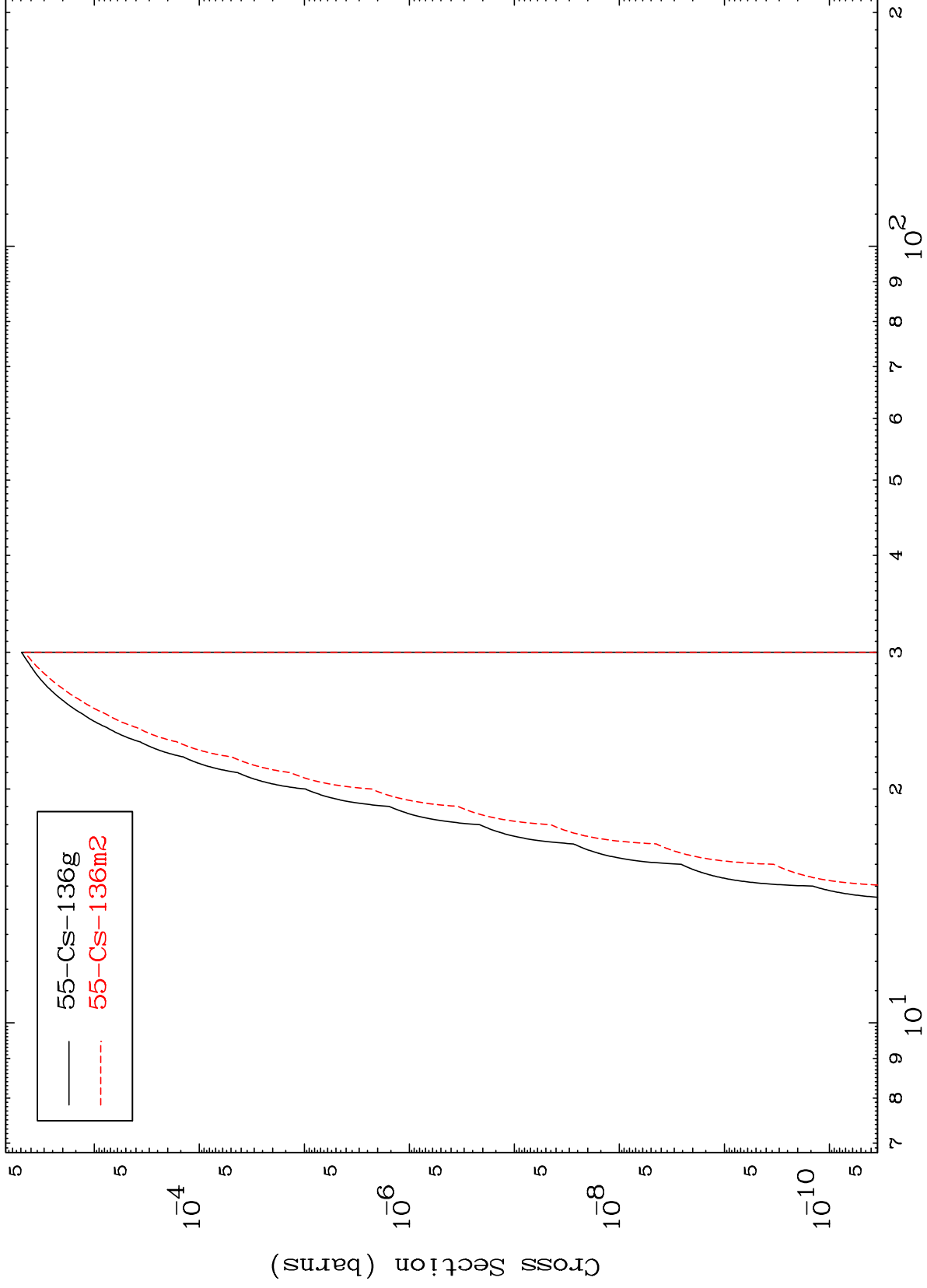


MAT 5734

57-La-141

(n,2n) α

Radionuclide Production Cross Section



91

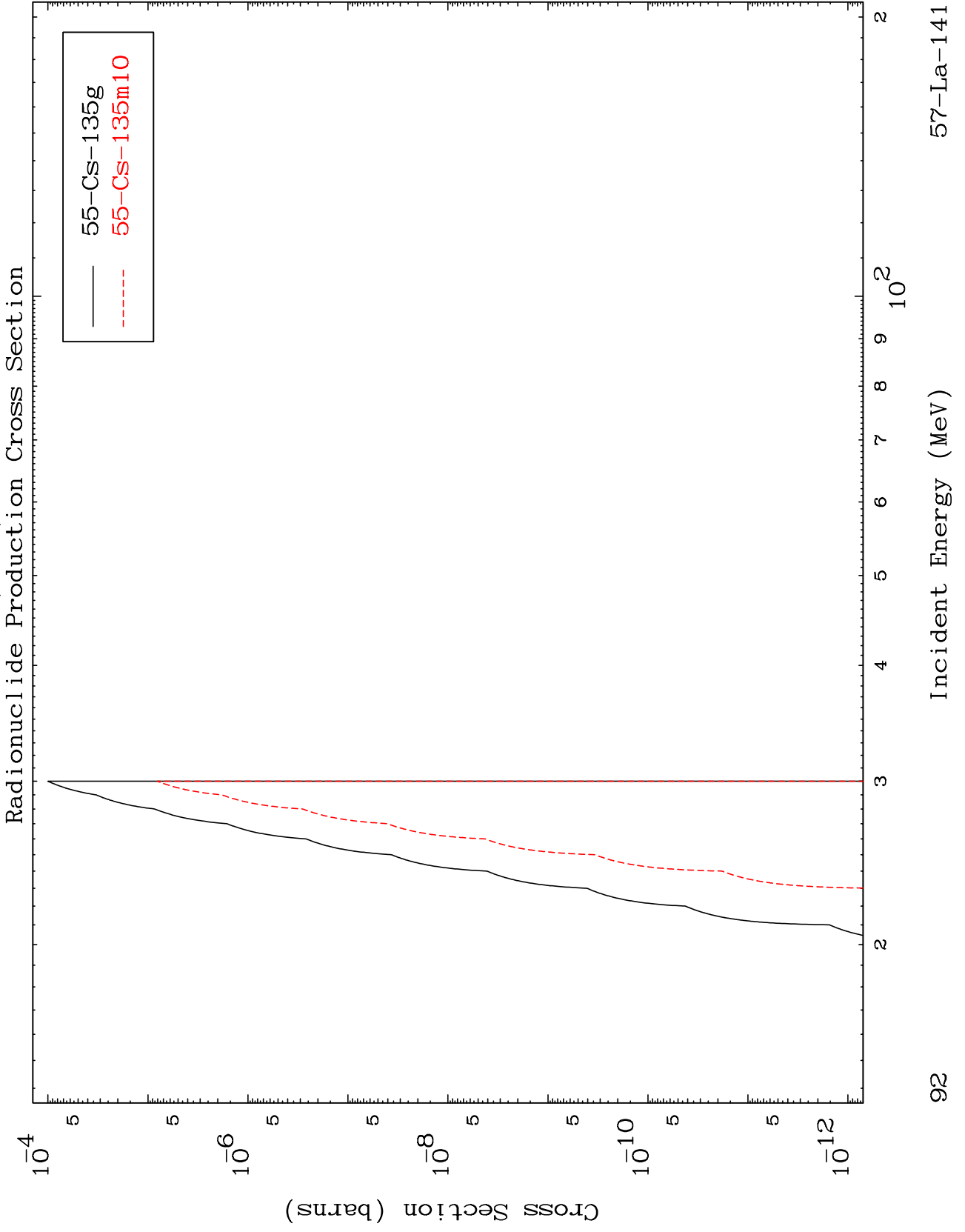
Incident Energy (MeV)

57-La-141

MAT 5734

(n,3n) α

57-La-141



92

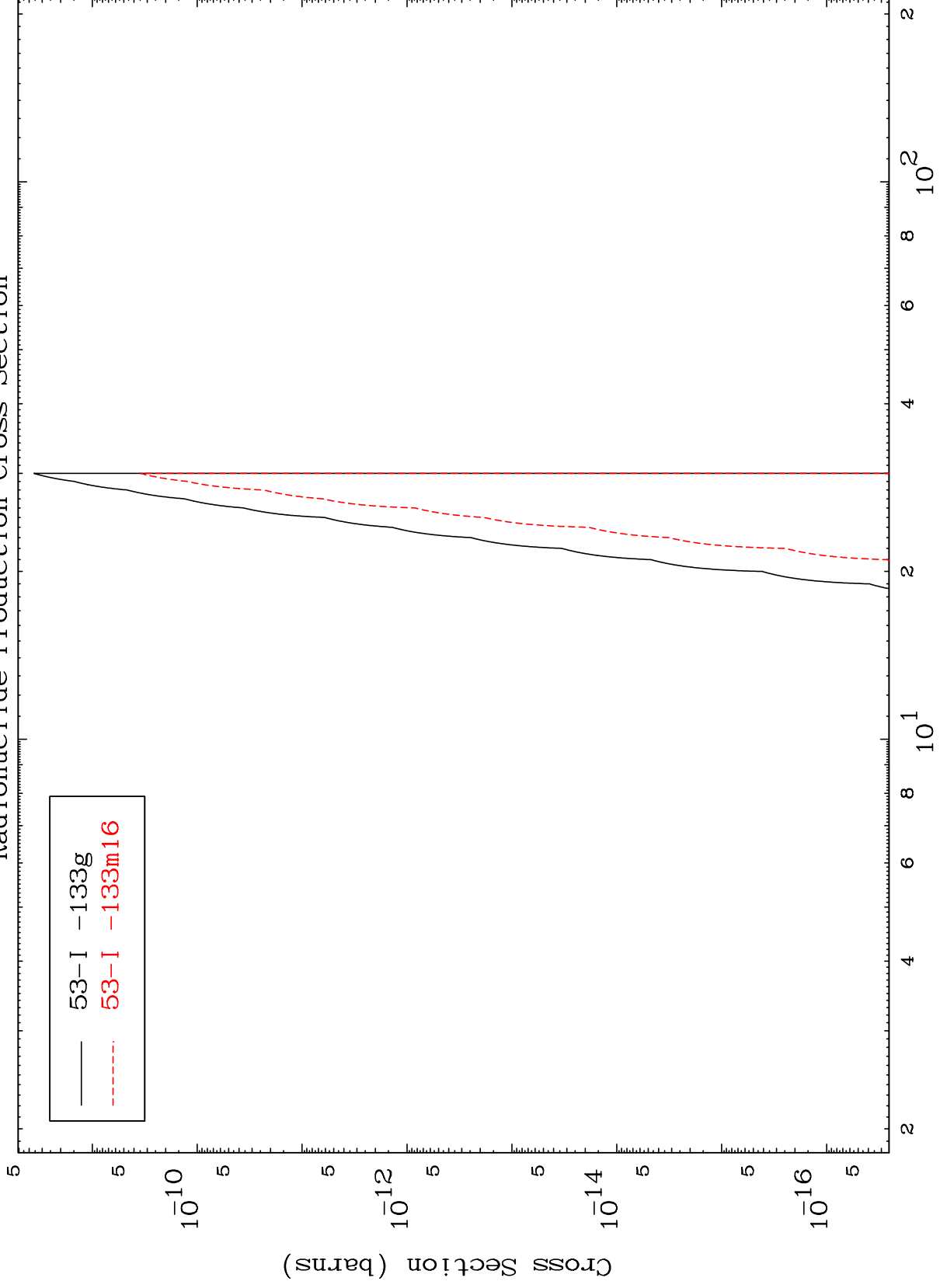
57-La-141

MAT 5734

(n,n') 2α

57-La-141

Radionuclide Production Cross Section



53-I -133g
53-I -133m16

93

Incident Energy (MeV)

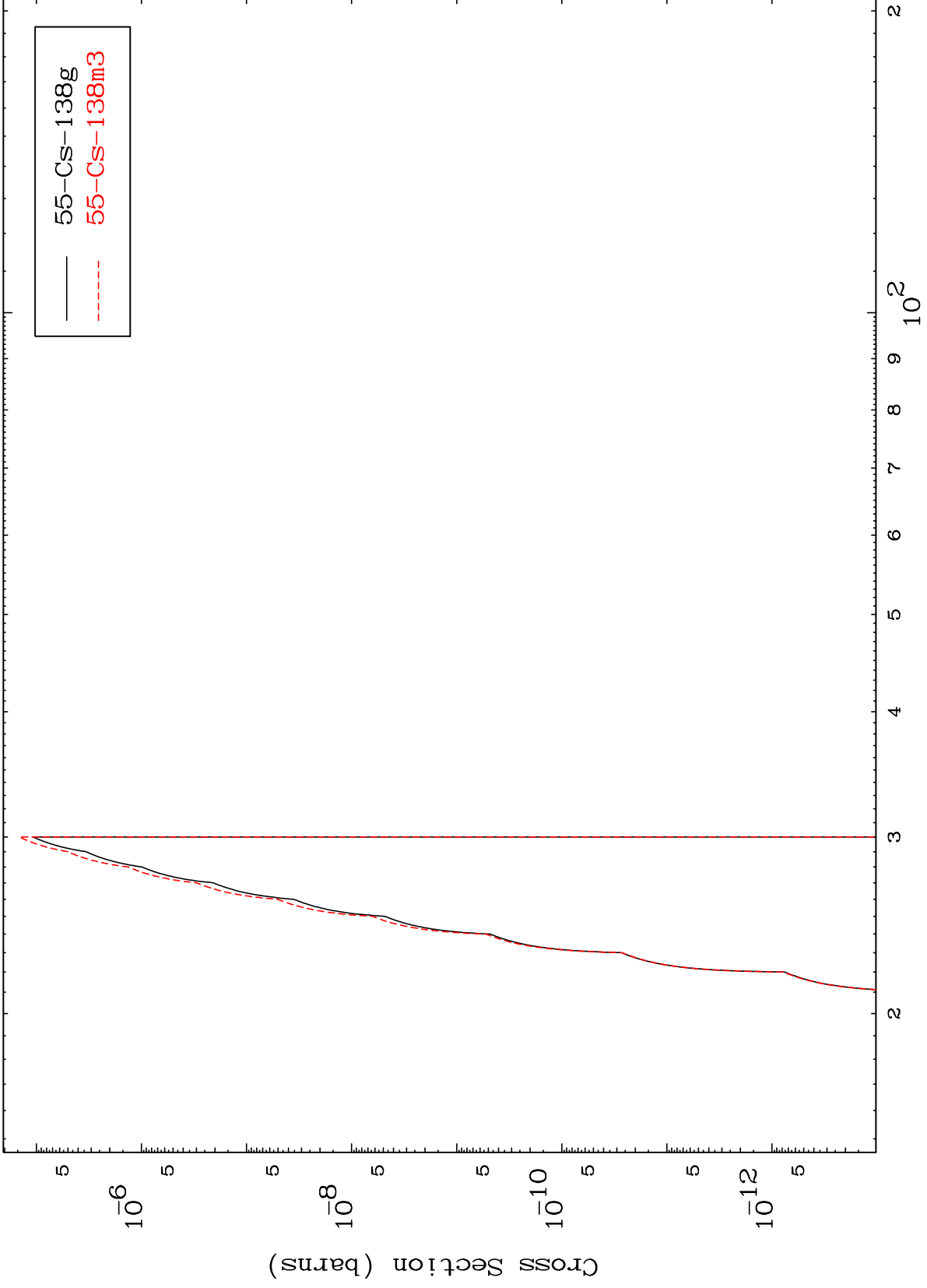
57-La-141

MAT 5734

(n,n') He-3

57-La-141

Radionuclide Production Cross Section



94

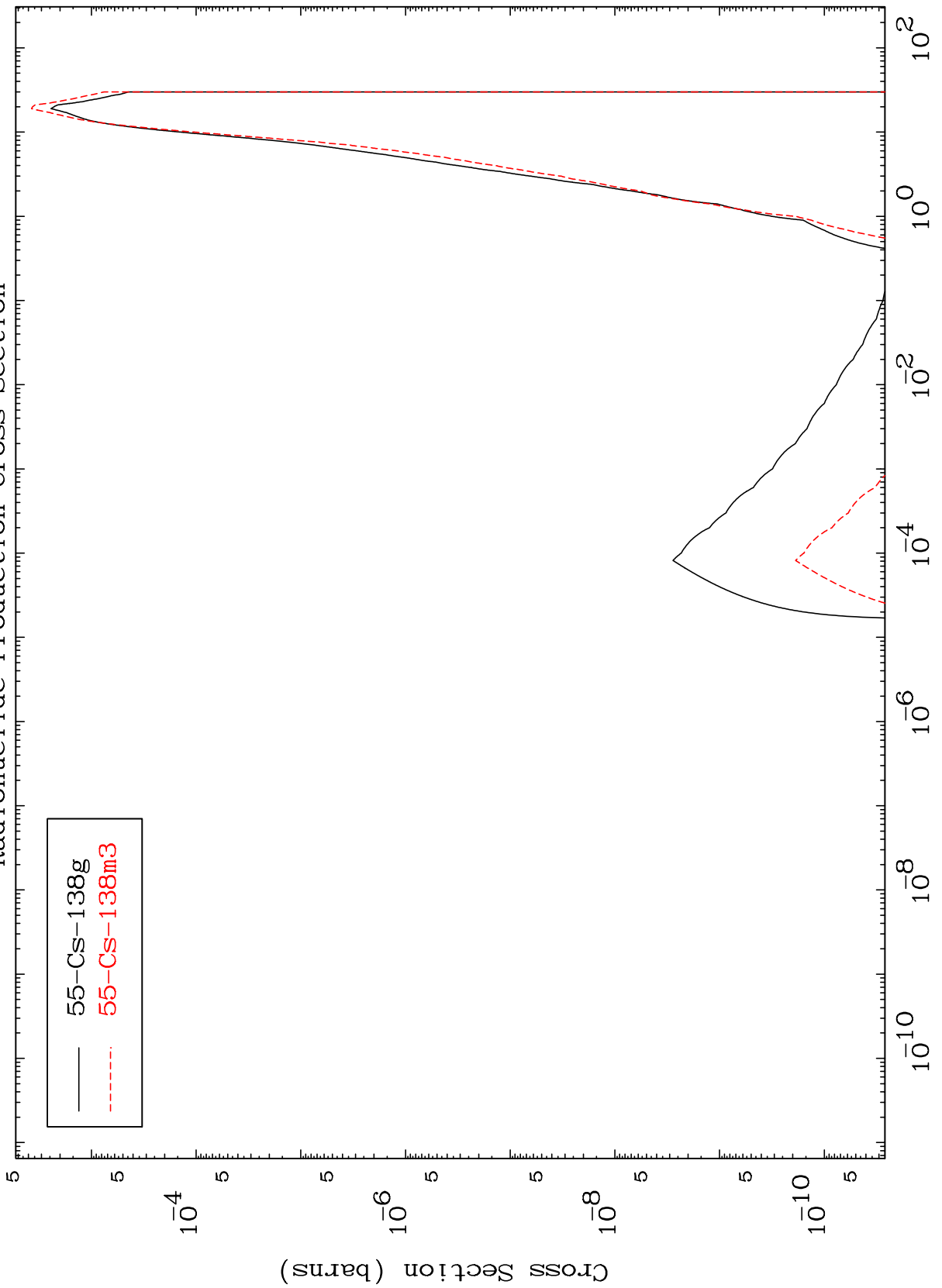
Incident Energy (MeV)

57-La-141

MAT 5734

57-La-141

Radionuclide Production Cross Section



95

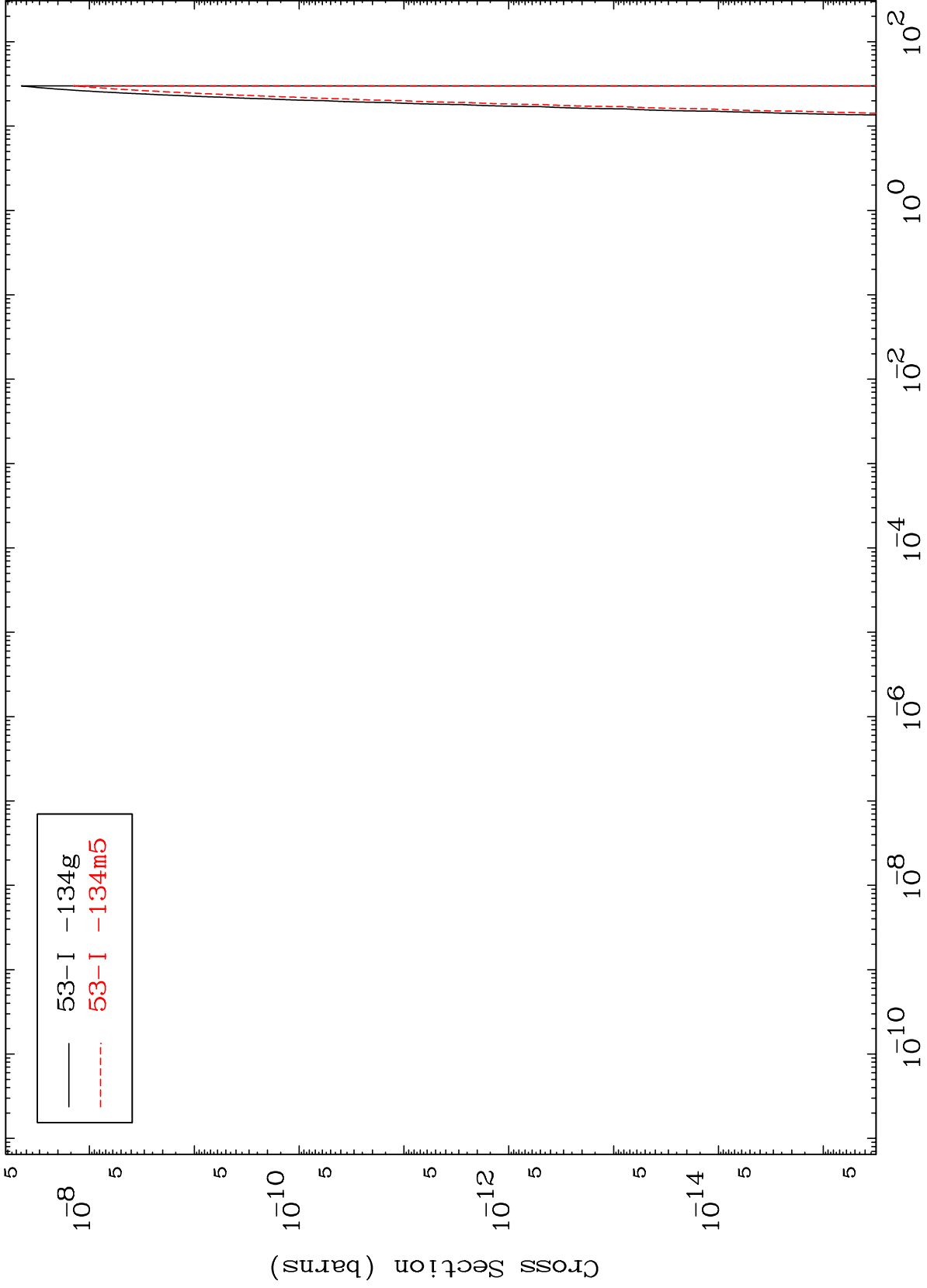
57-La-141

MAT 5734

(n,2α)

57-La-141

Radionuclide Production Cross Section



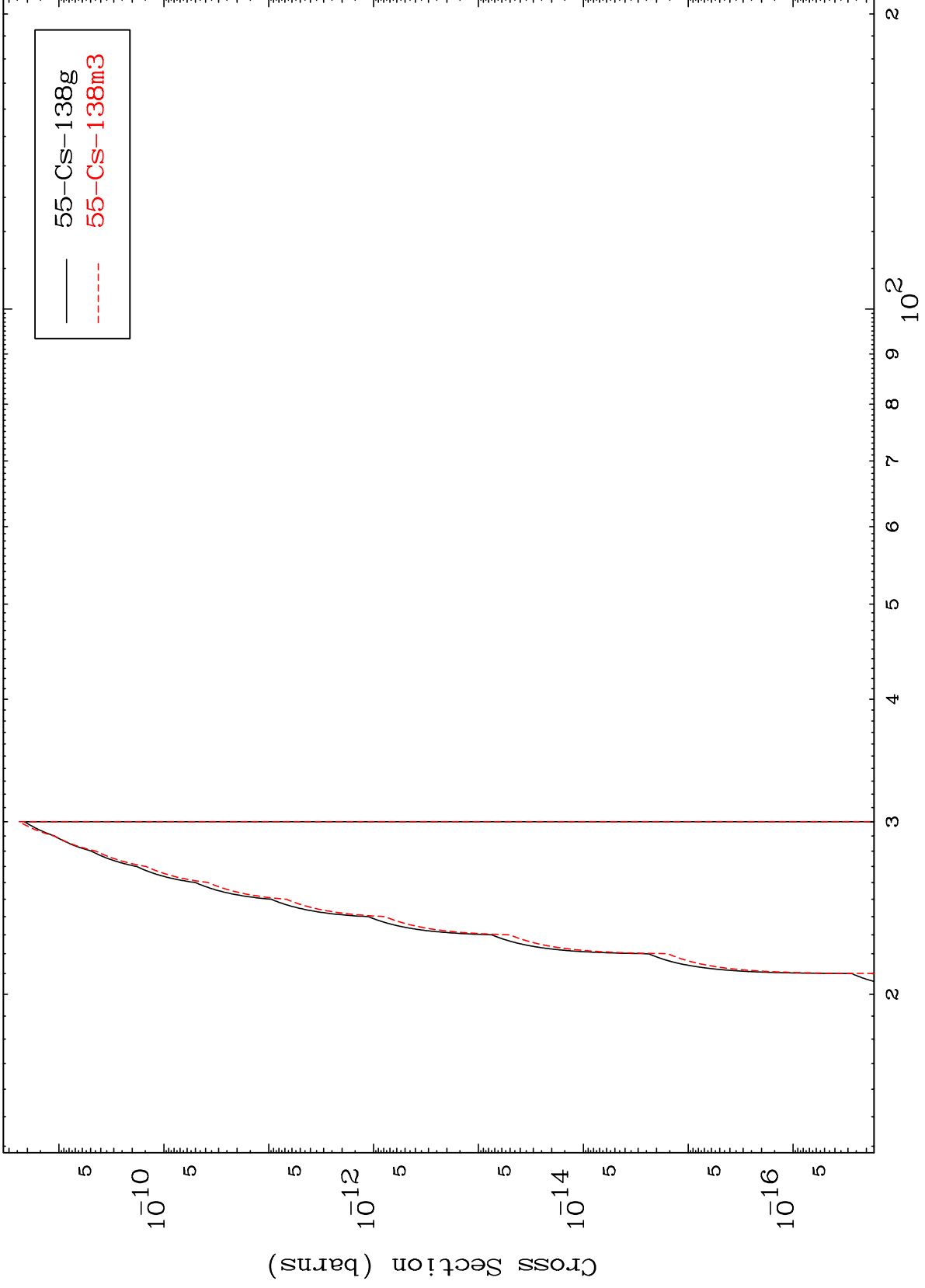
53-I-134g
53-I-134m5

MAT 5734

(n,p) t

57-La-141

Radionuclide Production Cross Section



97

Incident Energy (MeV)

57-La-141