

Program EVALPLOT
(Version 2018-1)

by

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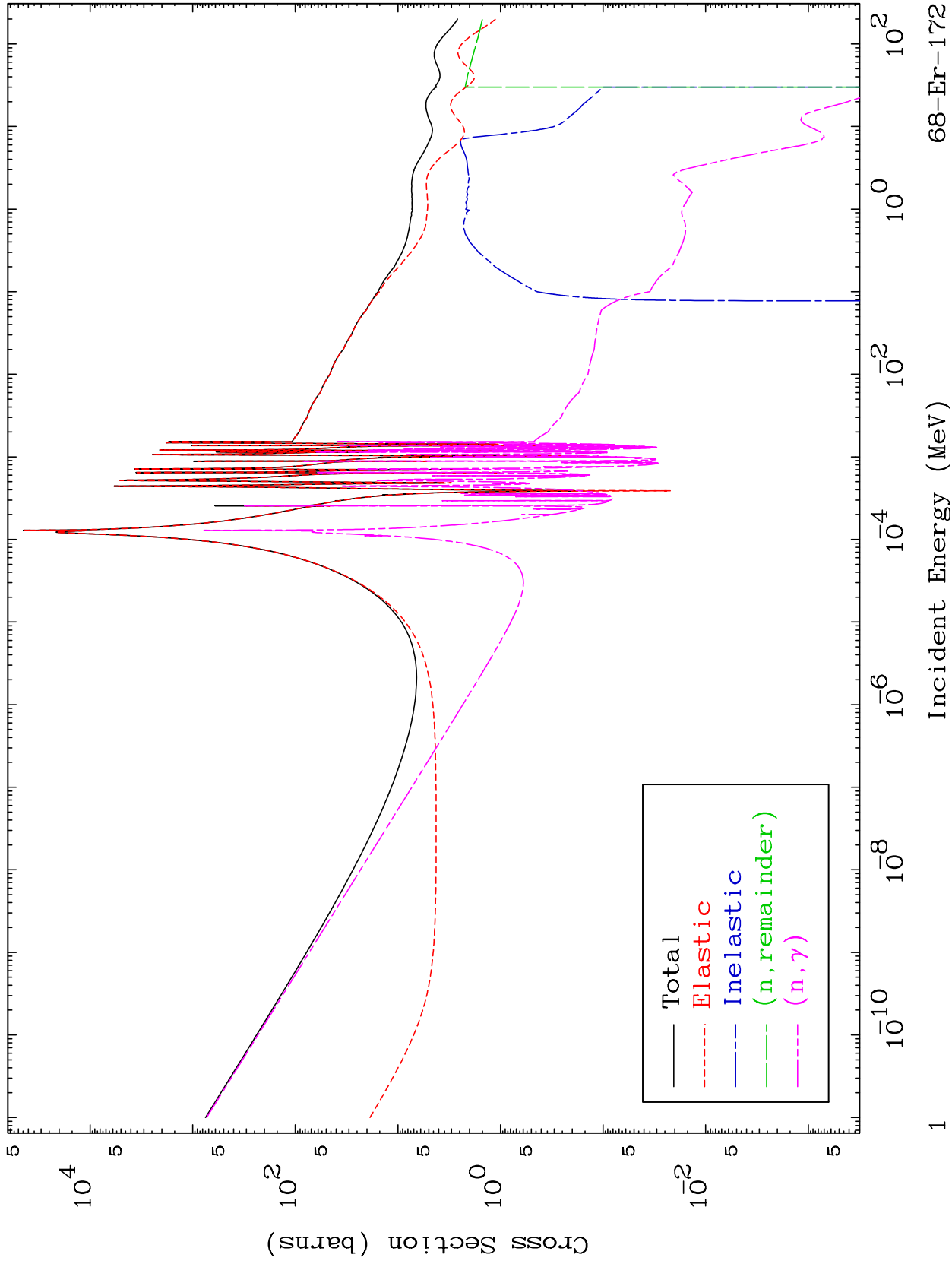
Press Mouse Button to Start

MAT 6855

Major

293 Kelvin Cross Sections

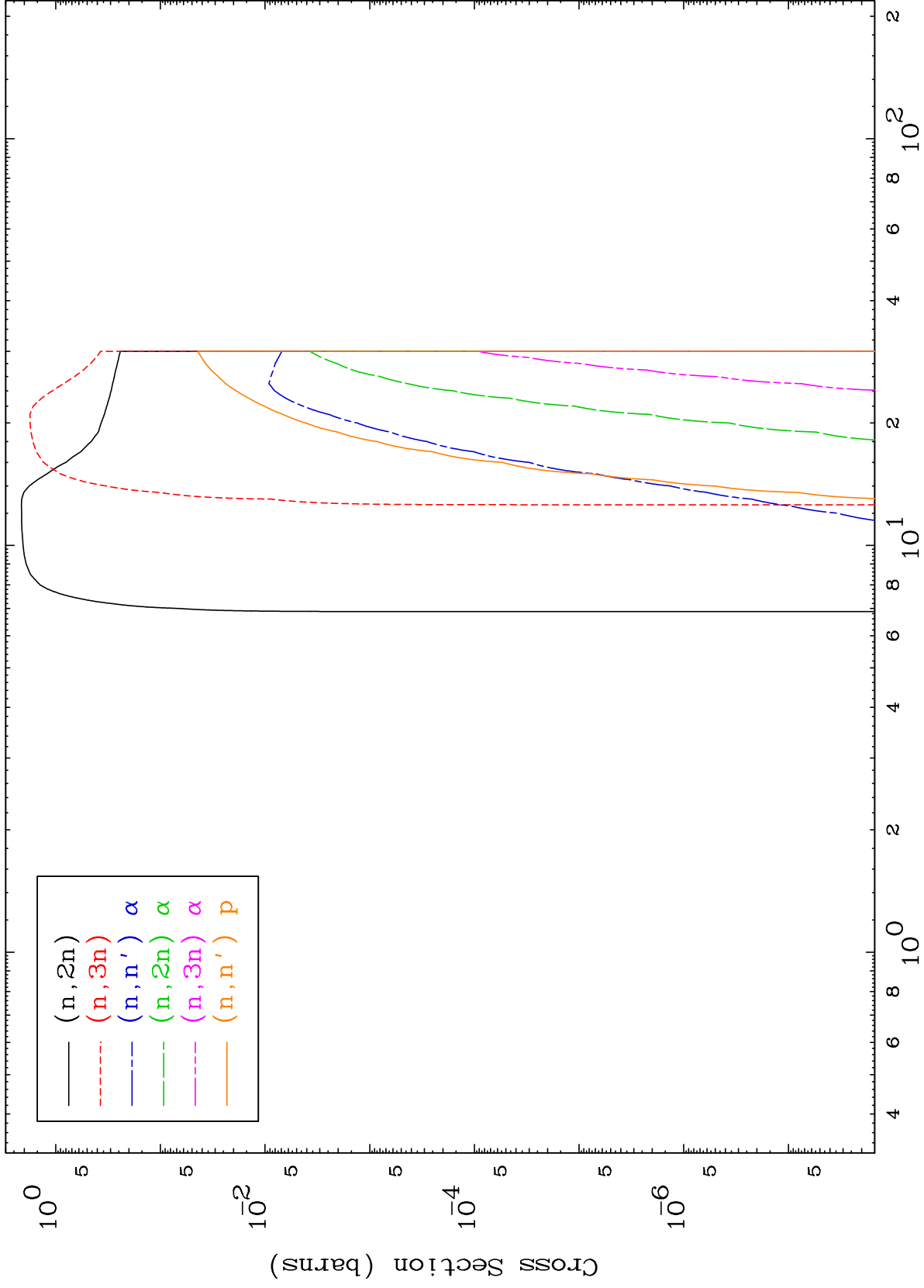
68-Er-172



MAT 6855

Neutron Production
293 Kelvin Cross Sections

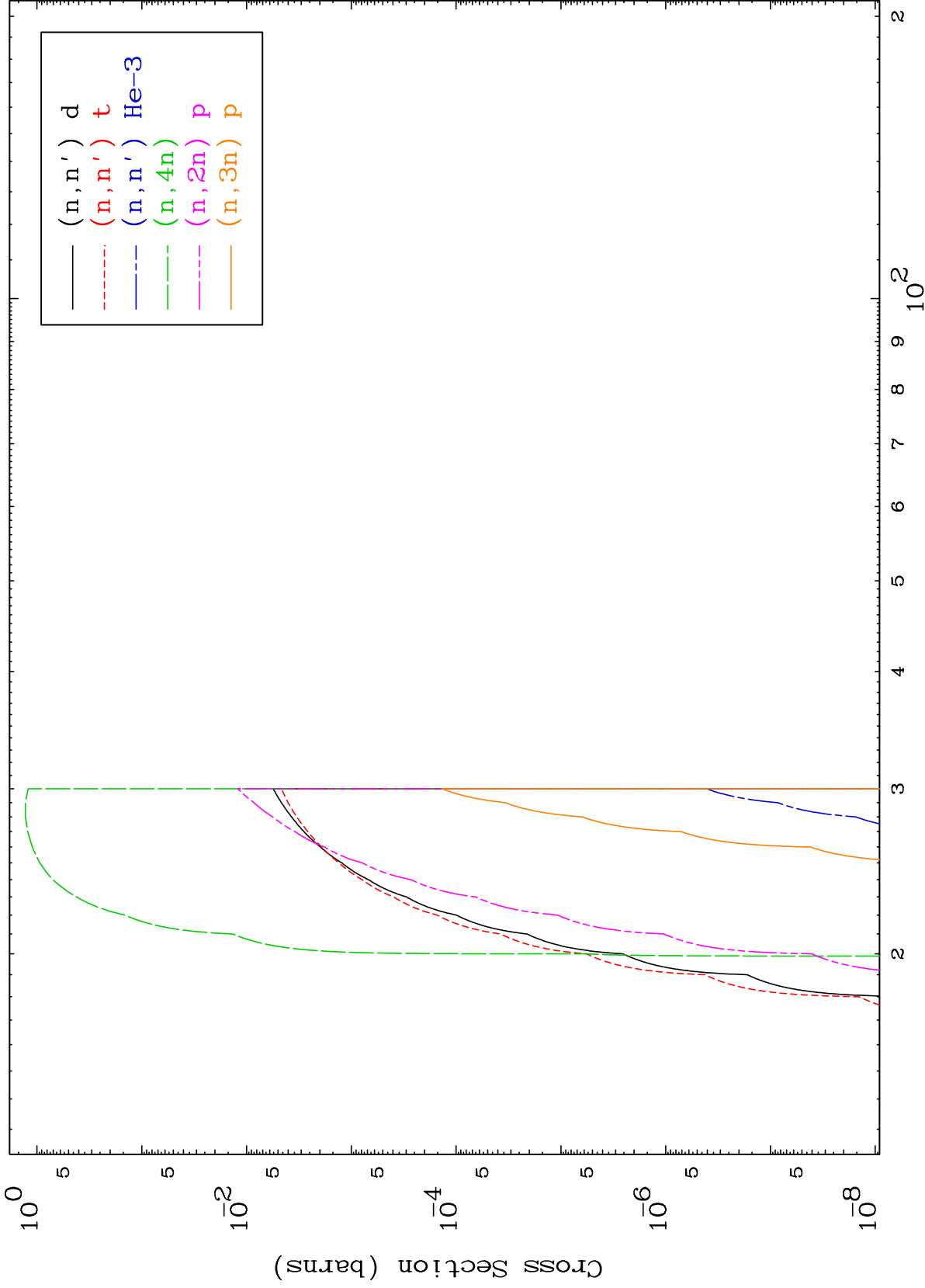
68-Er-172



2

Incident Energy (MeV)

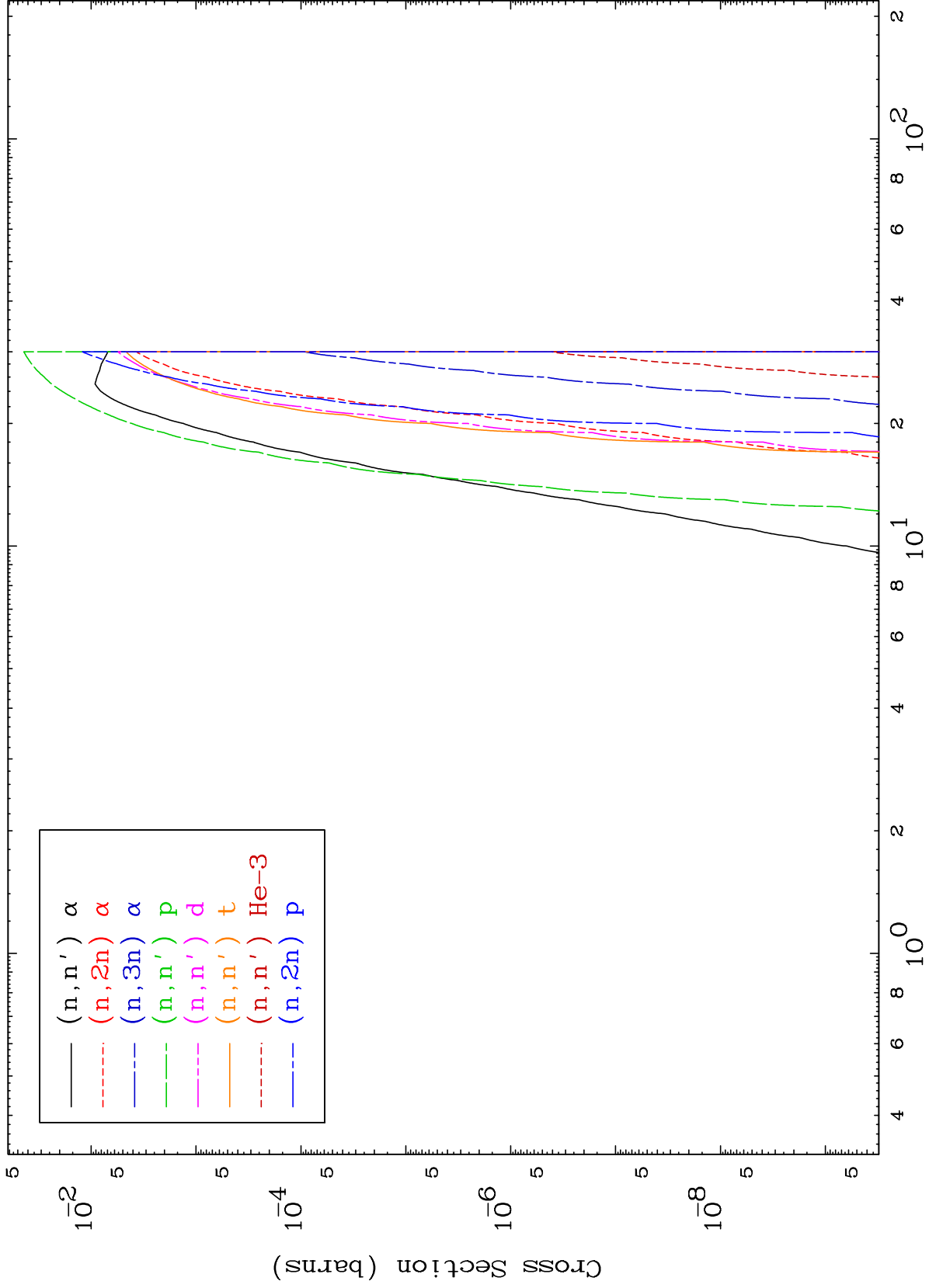
68-Er-172



MAT 6855

Charged Particle
293 Kelvin Cross Sections

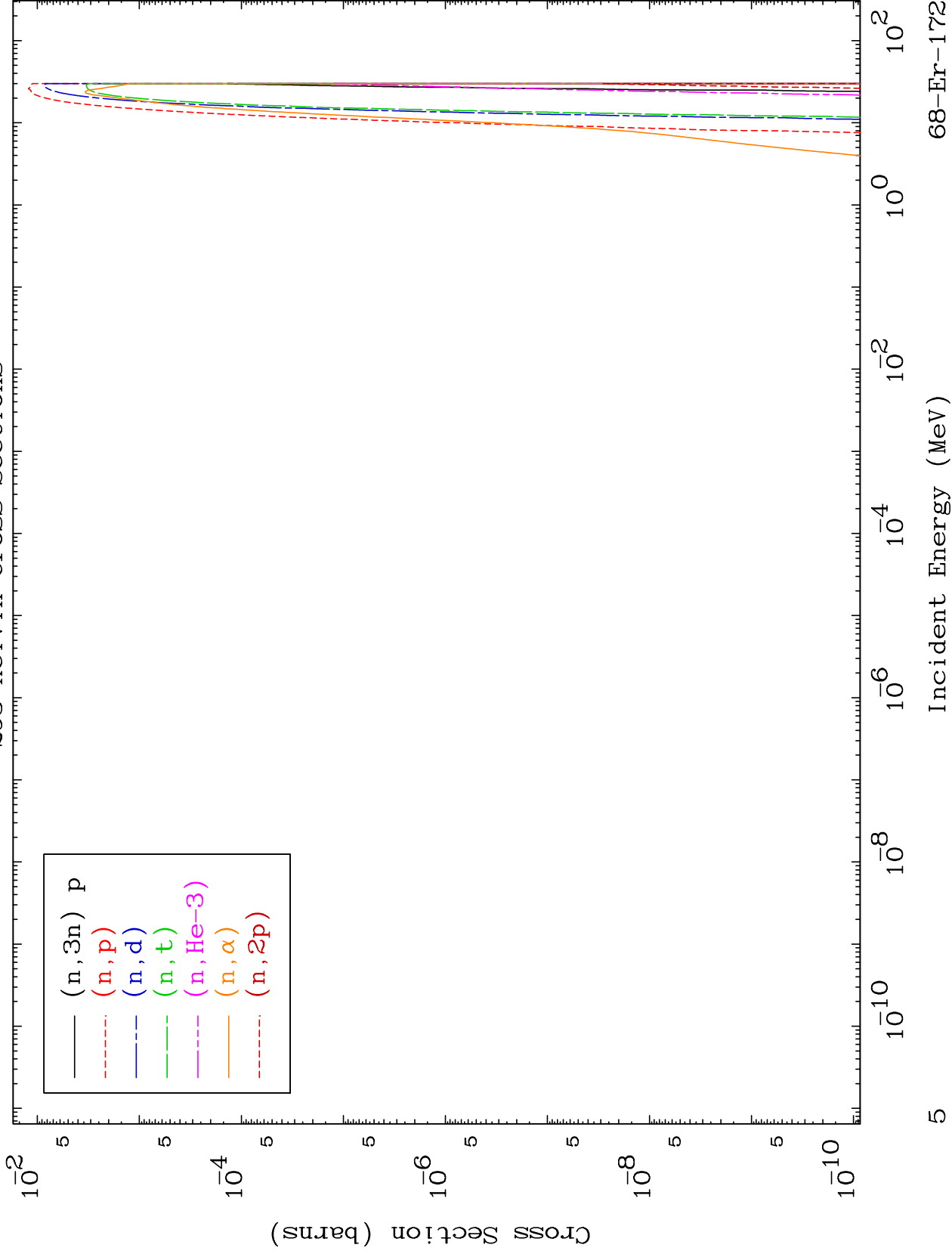
68-Er-172

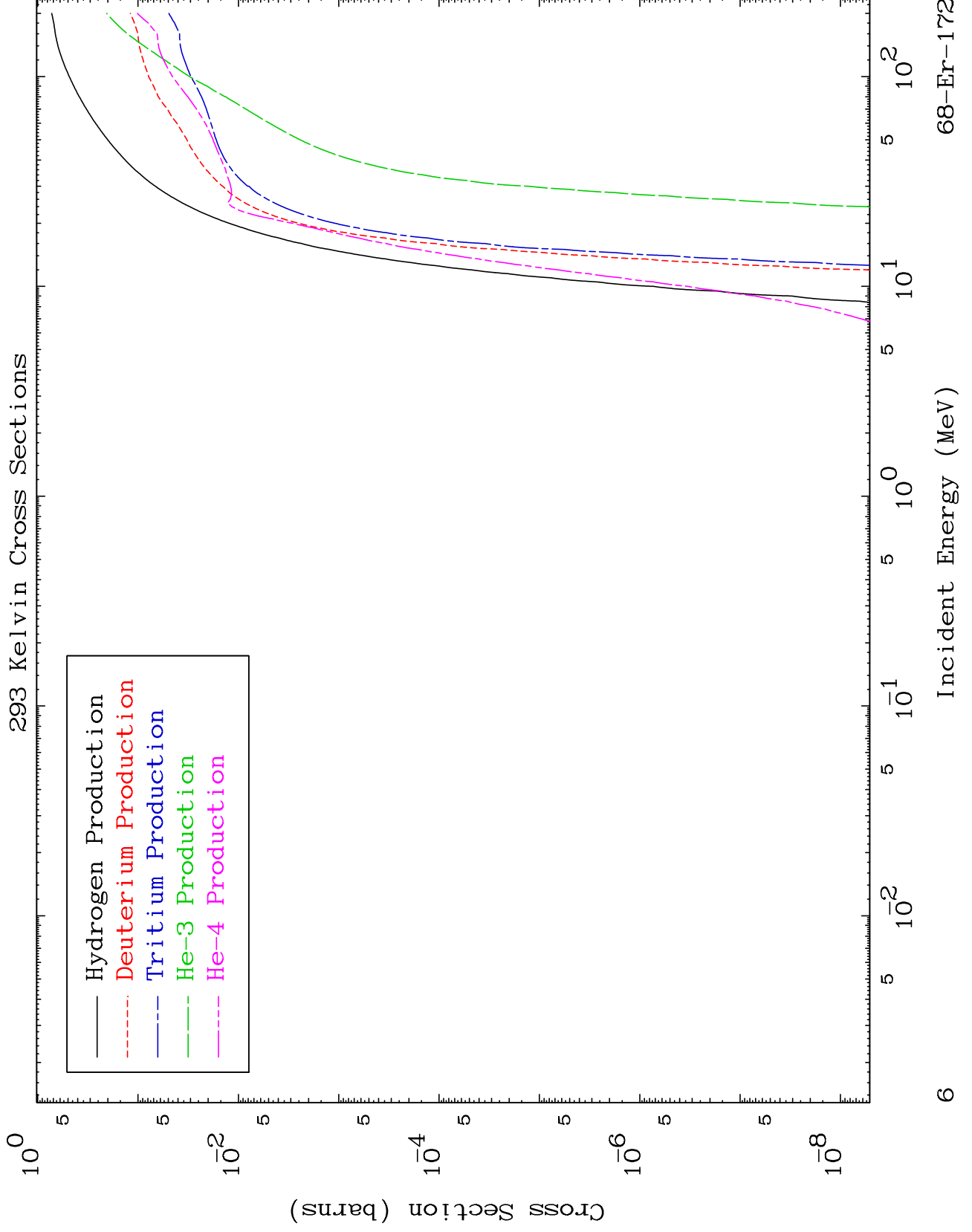


MAT 6855

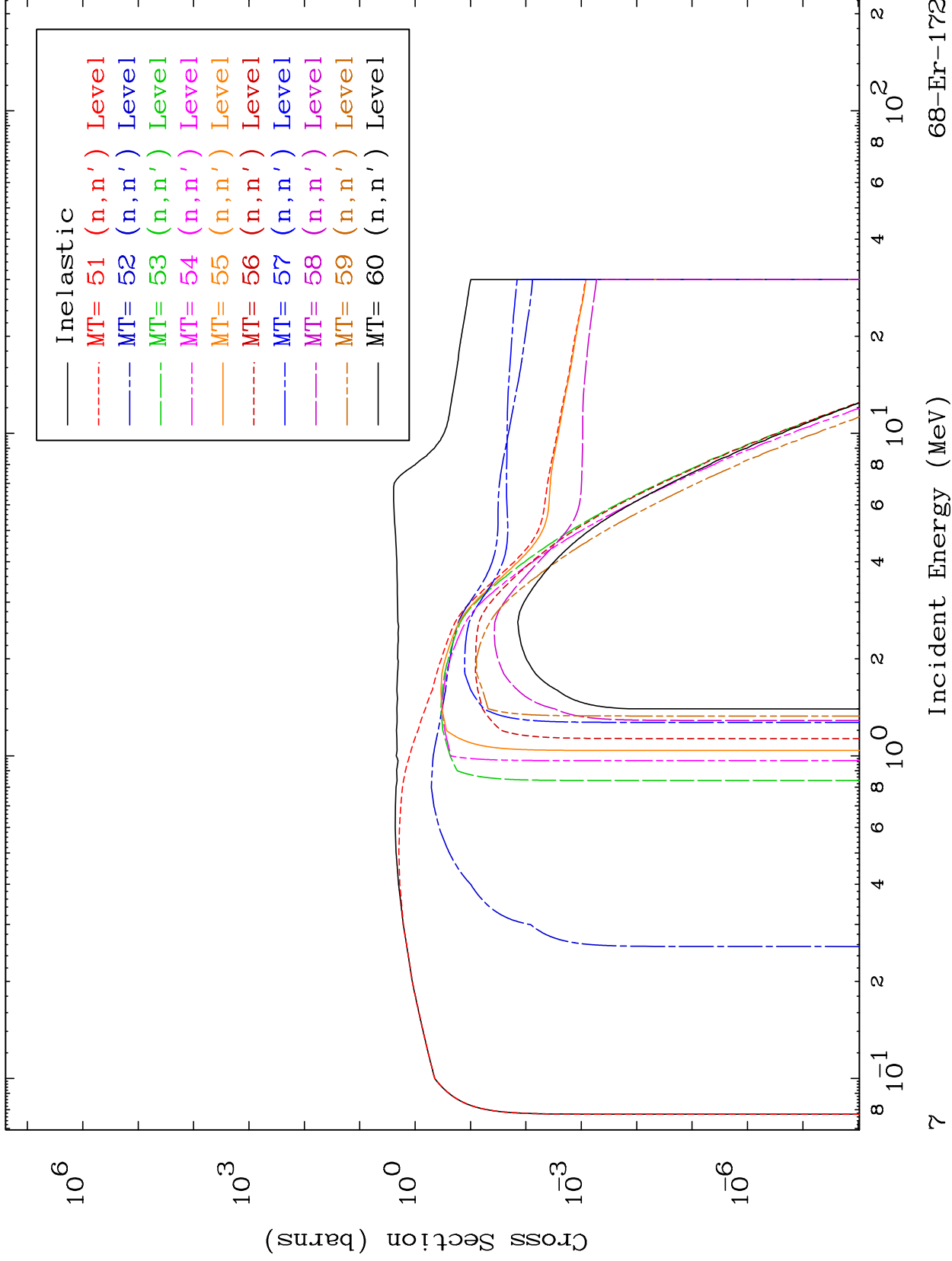
Charged Particle
293 Kelvin Cross Sections

68-Er-172





293 Kelvin Cross Sections

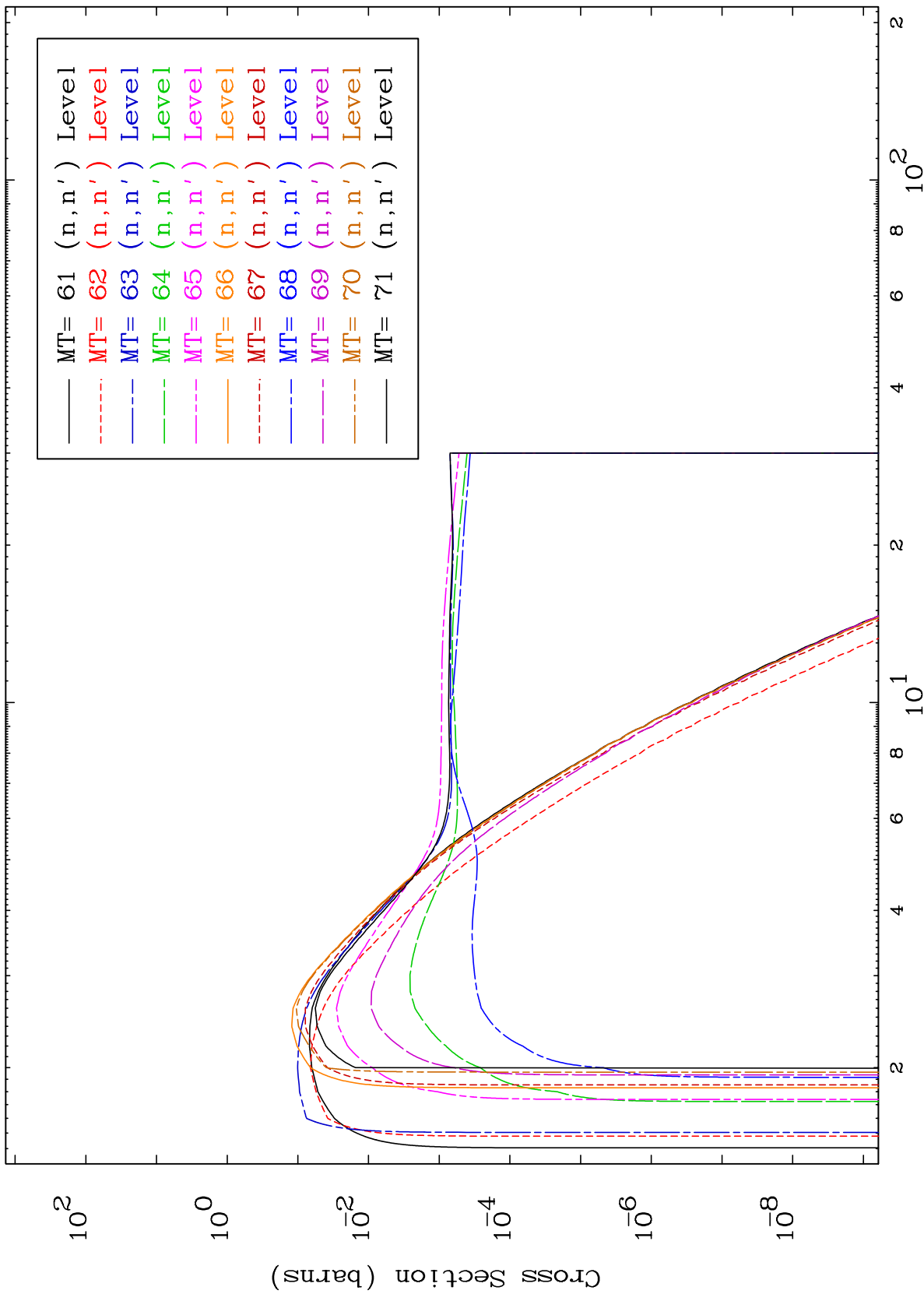


MAT 6855

(n,n') Level

293 Kelvin Cross Sections

68-Er-172



8

Incident Energy (MeV)

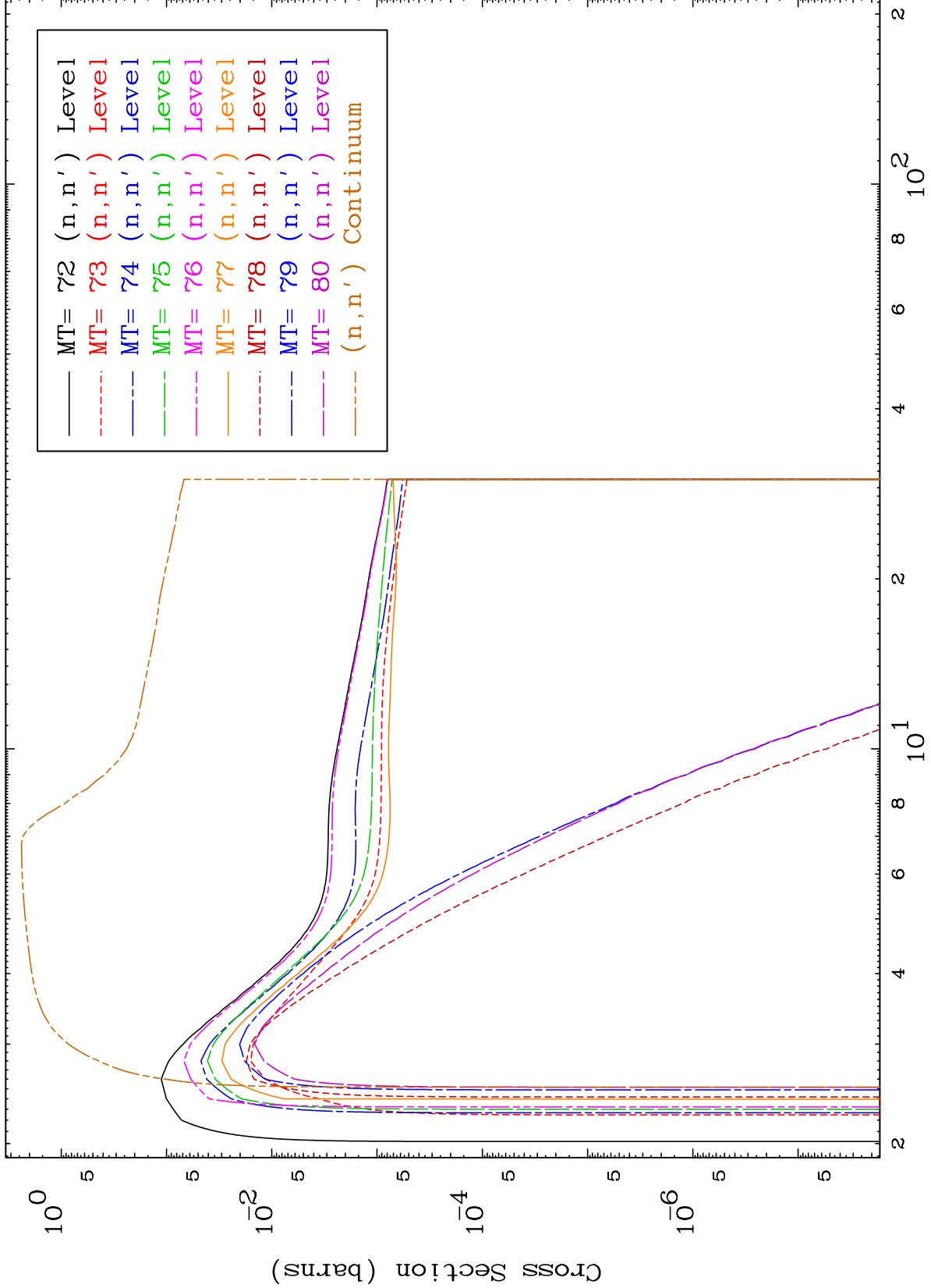
68-Er-172

MAT 6855

(n,n') Level

68-Er-172

293 Kelvin Cross Sections



9

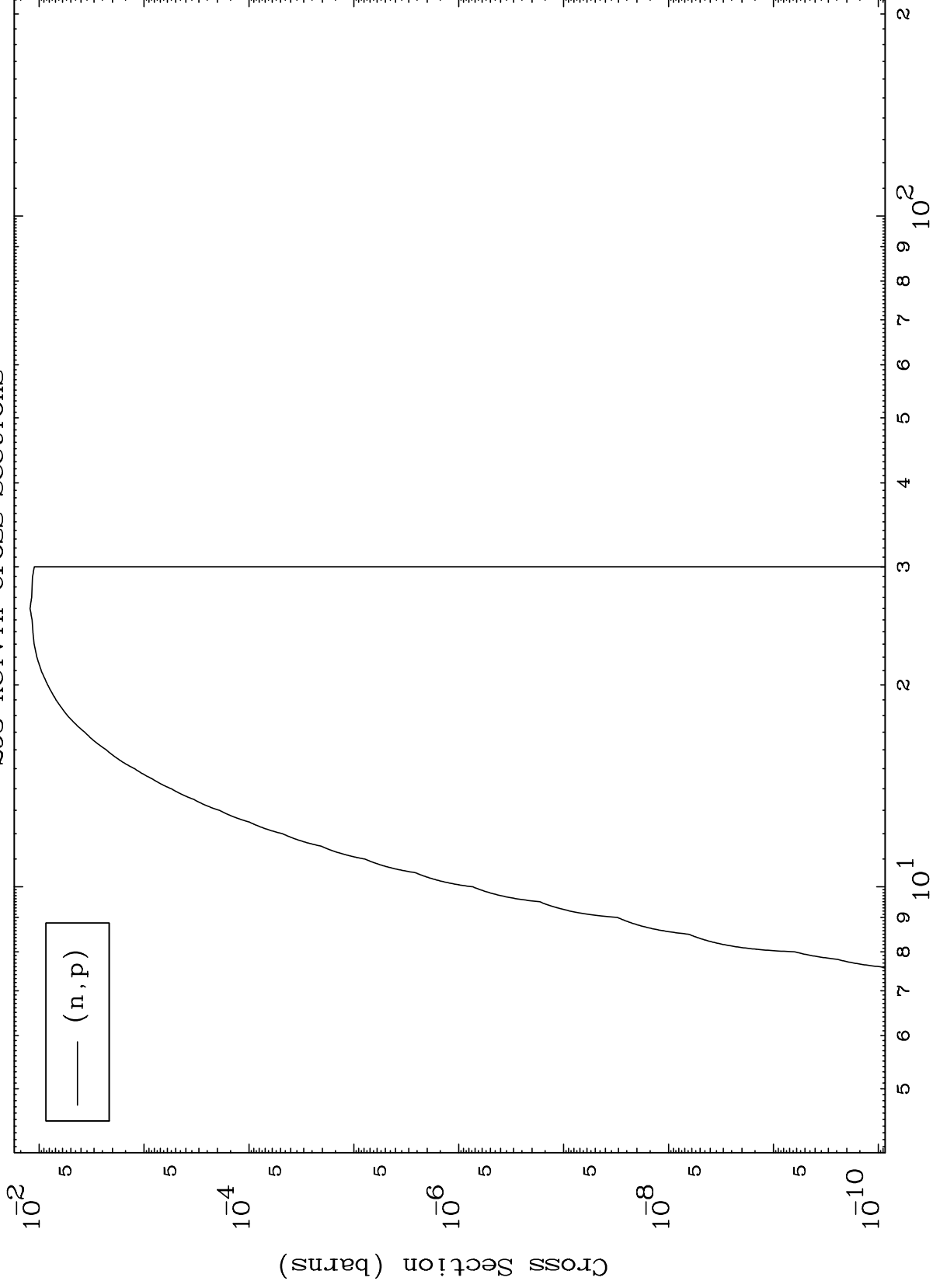
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,p) Levels
293 Kelvin Cross Sections

68-Er-172



10

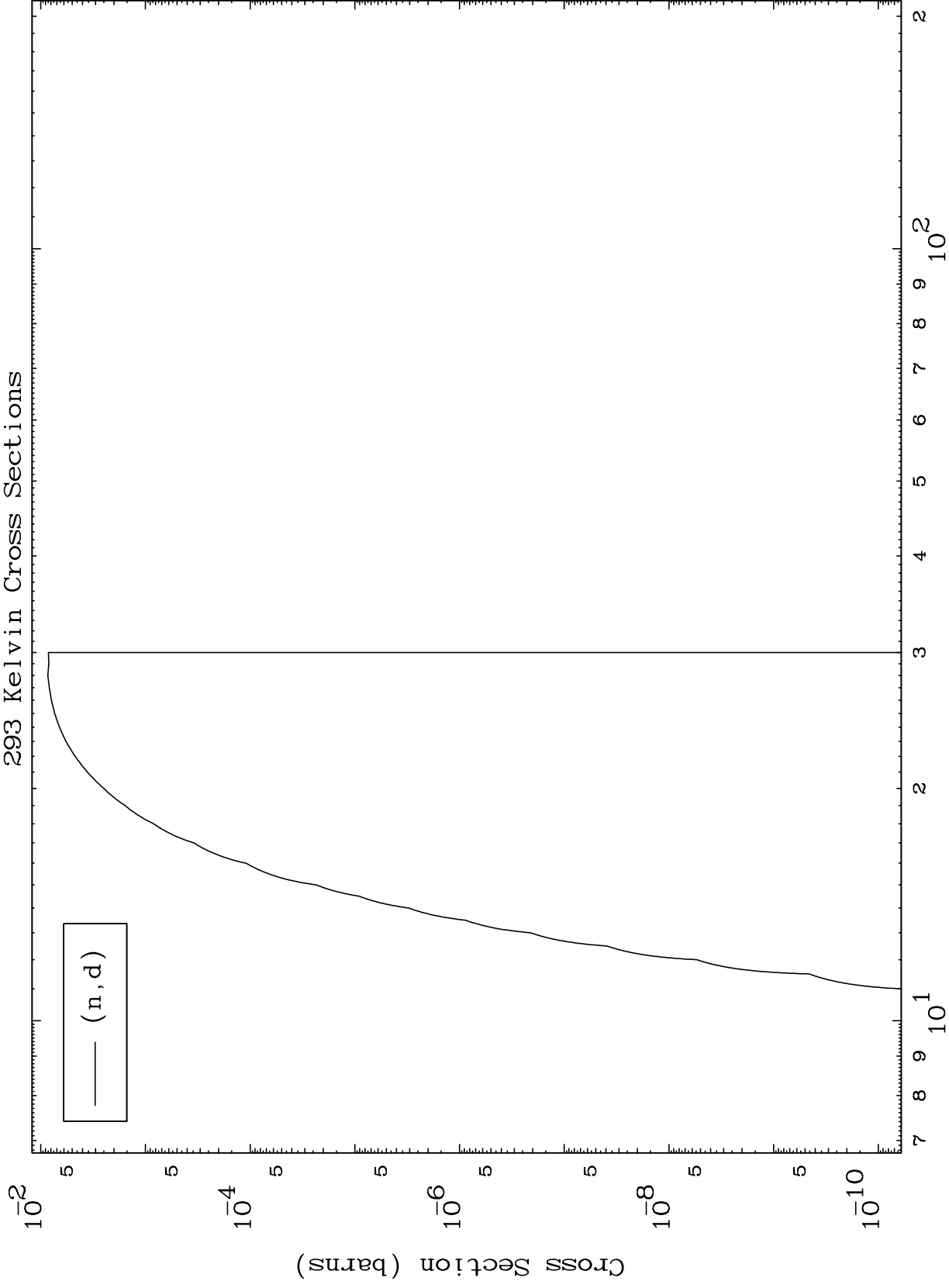
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,d) Levels
293 Kelvin Cross Sections

68-Er-172



11

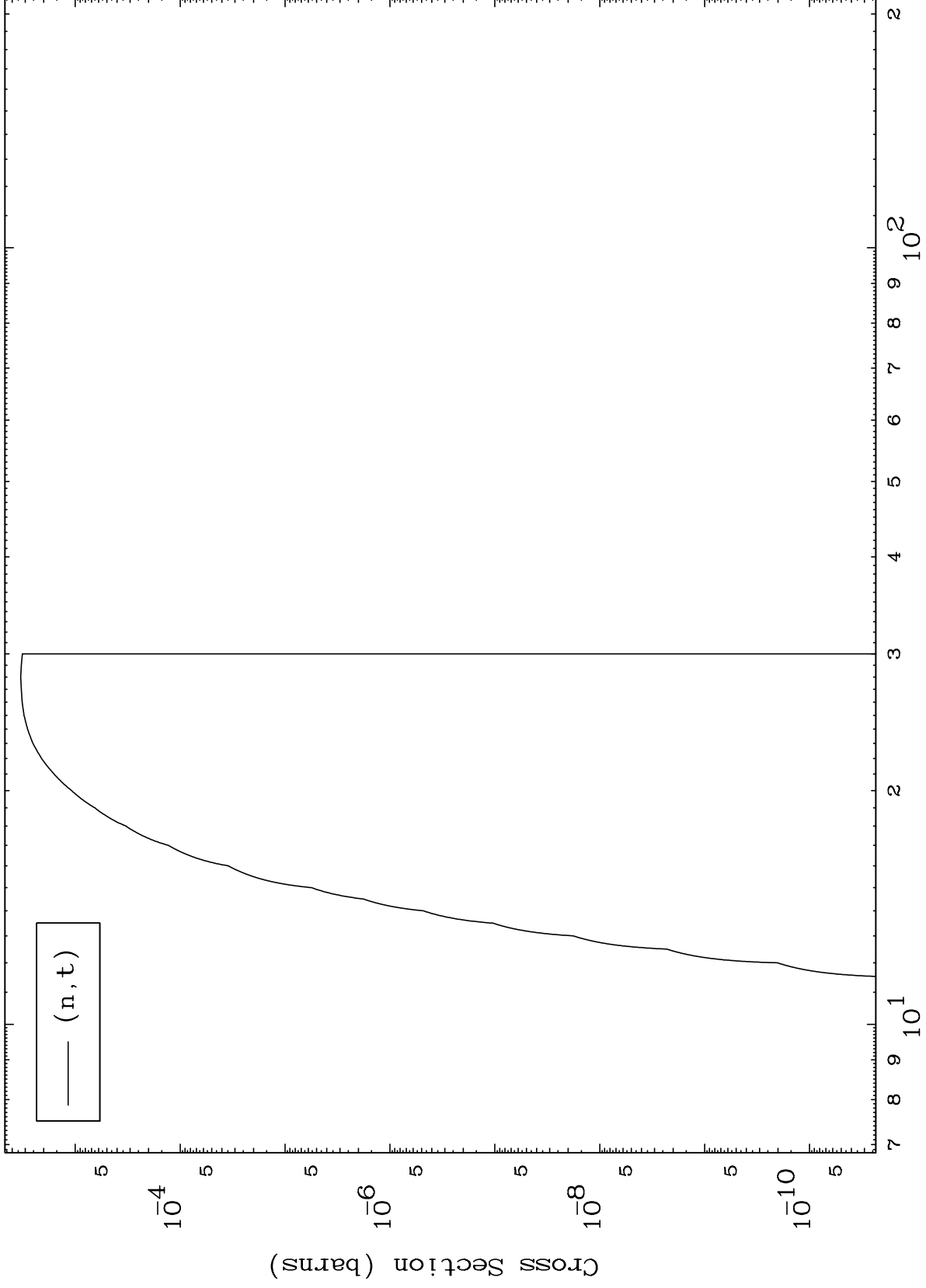
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,t) Levels
293 Kelvin Cross Sections

68-Er-172



12

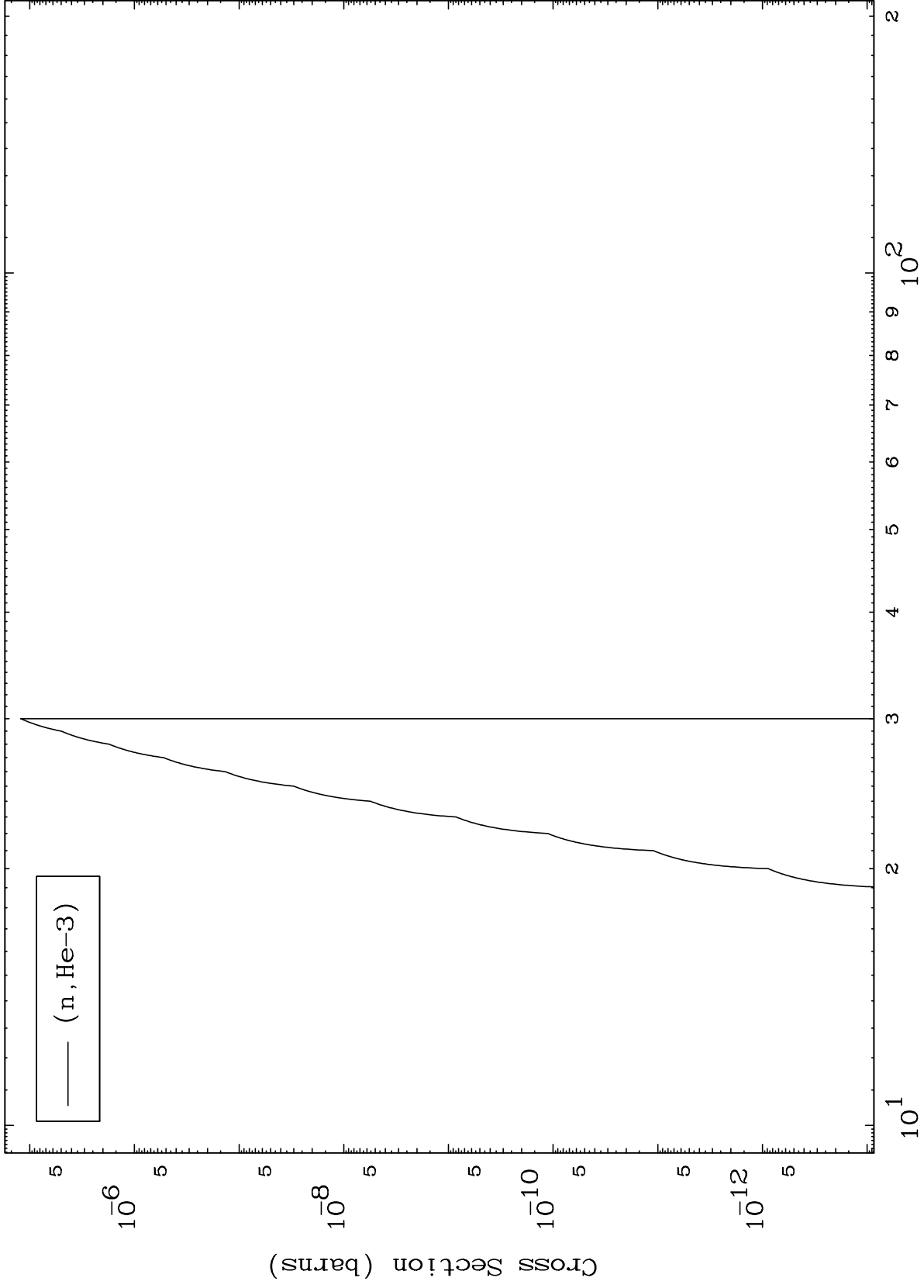
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-172



13

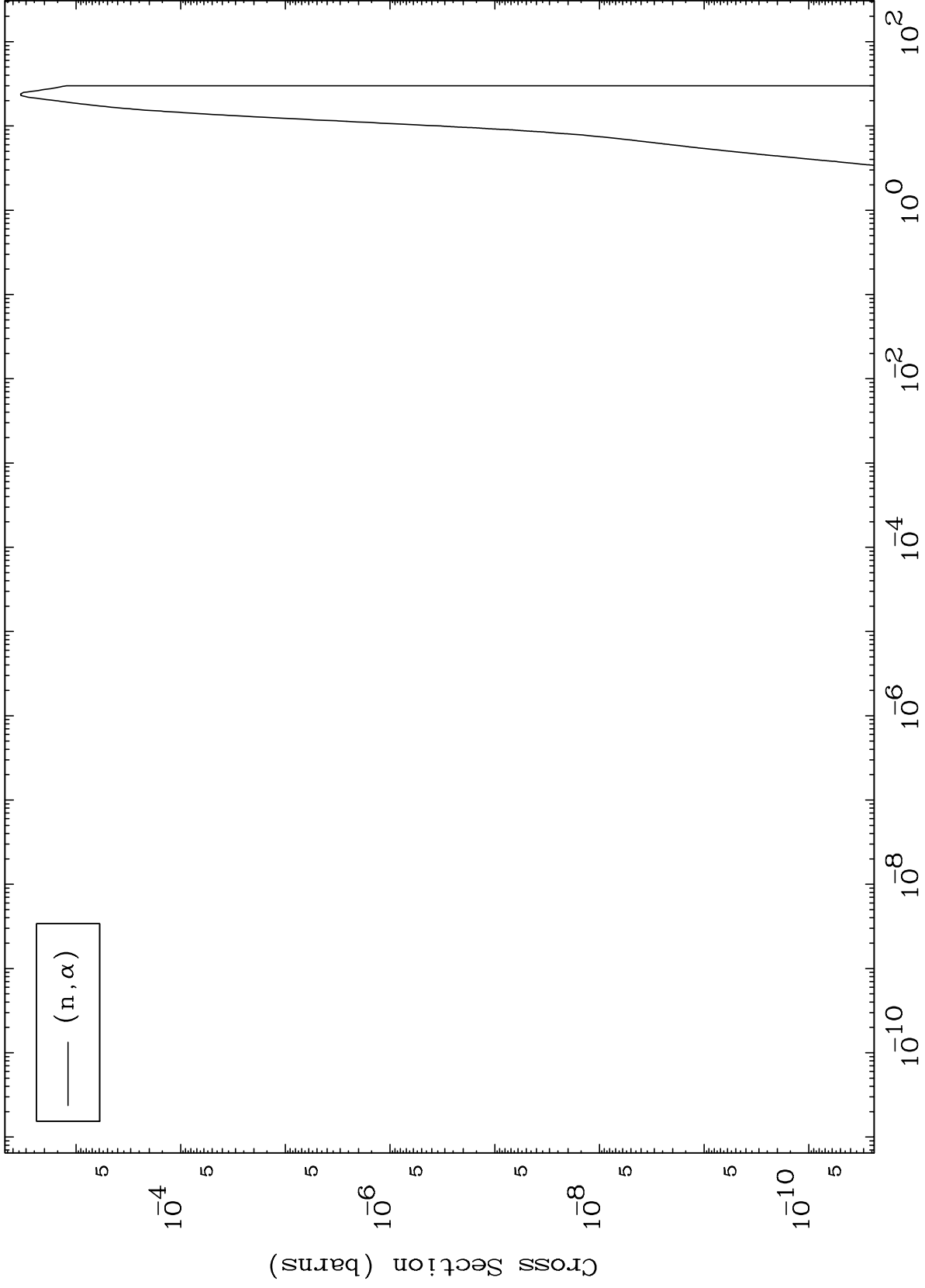
Incident Energy (MeV)

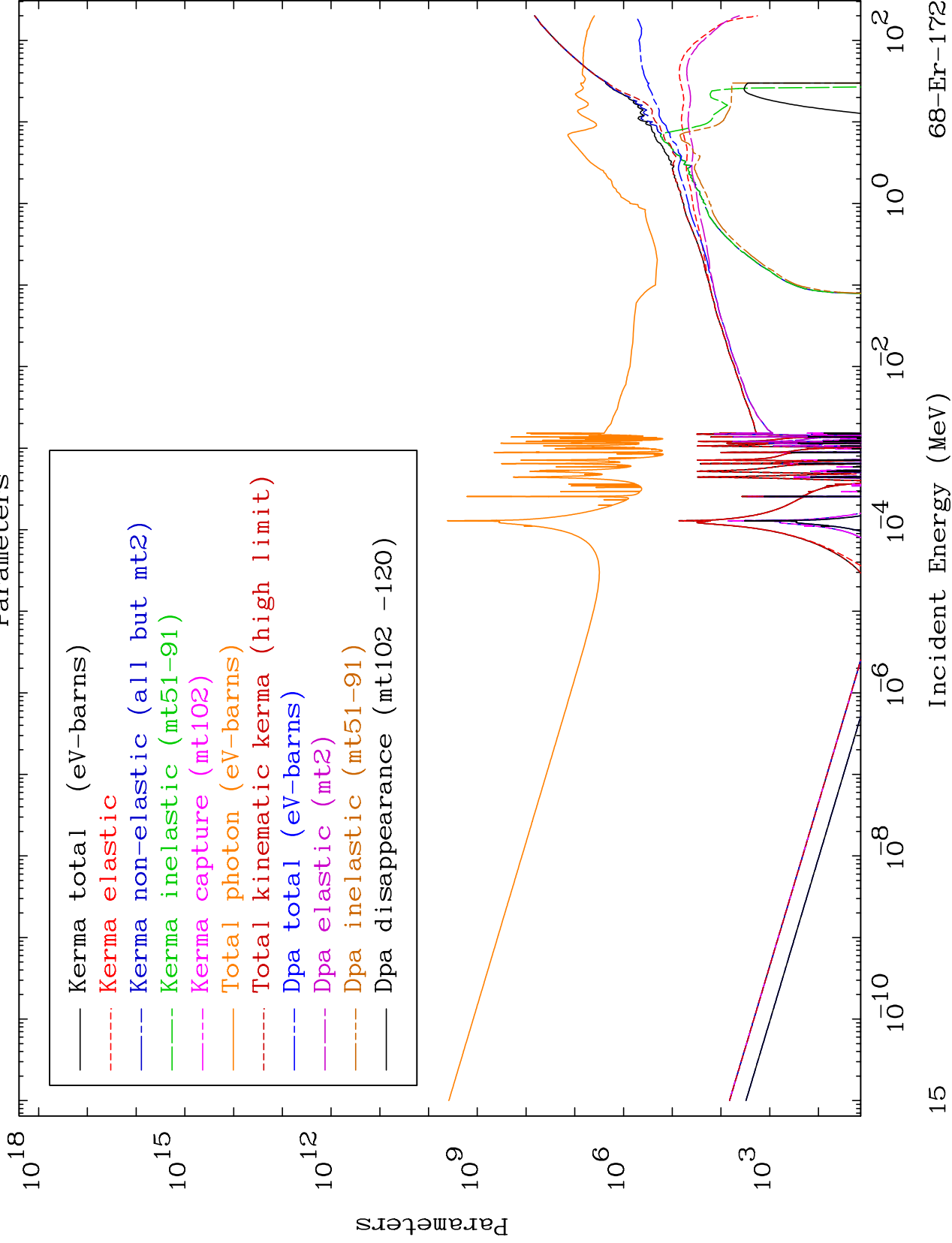
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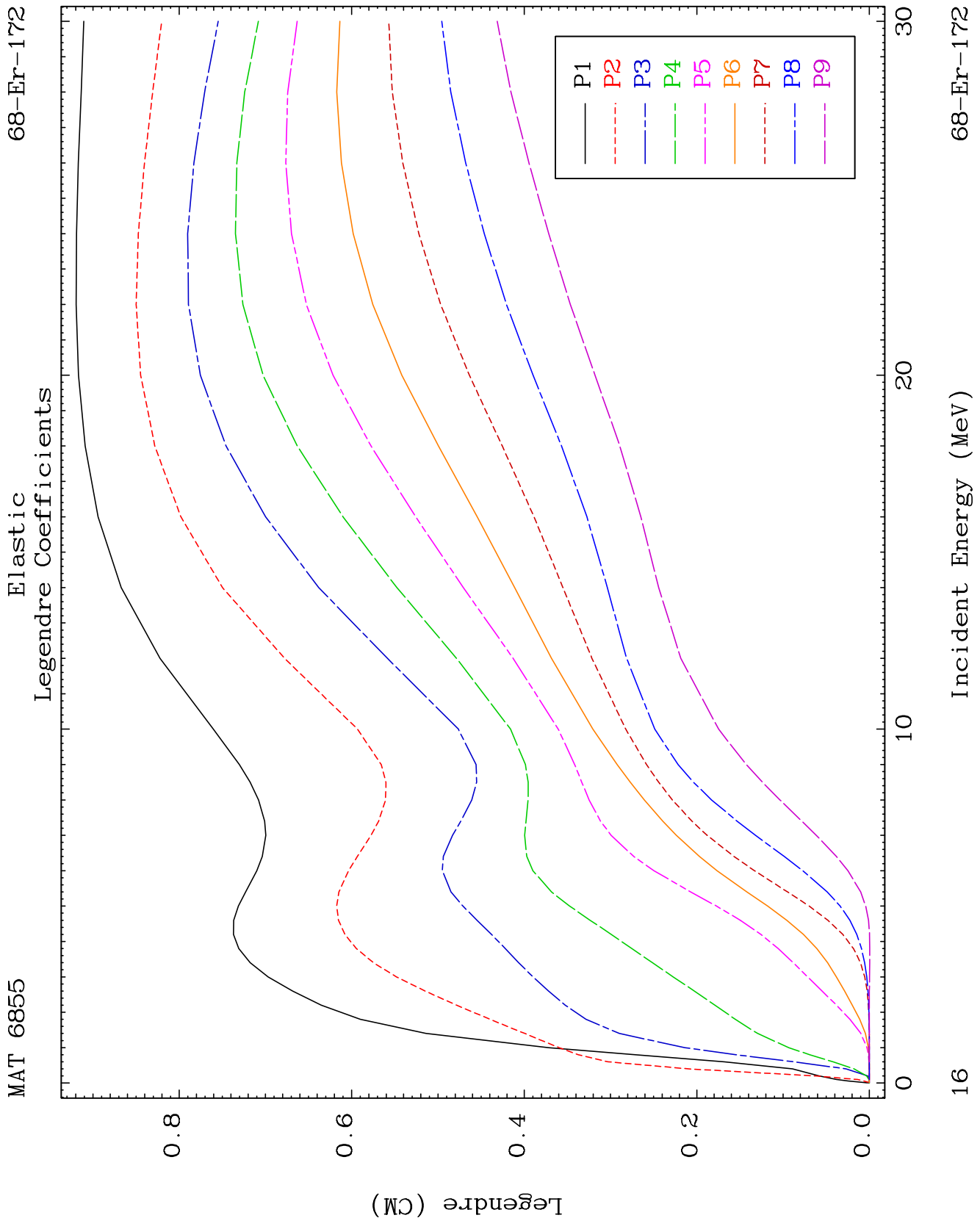
MAT 6855

(n, α) Levels
293 Kelvin Cross Sections

68-Er-172



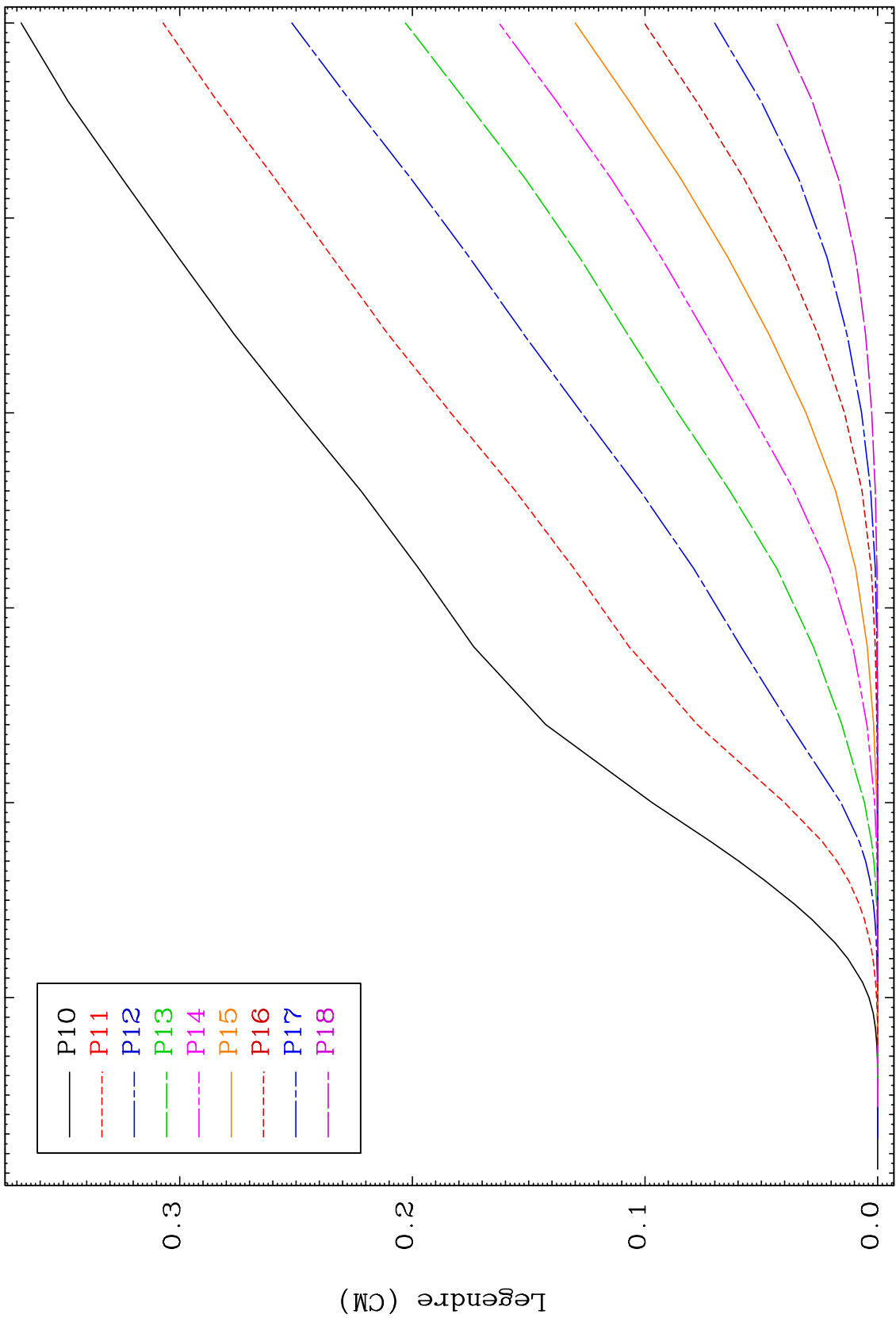




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Elastic Legendre Coefficients

68-Er-172



17

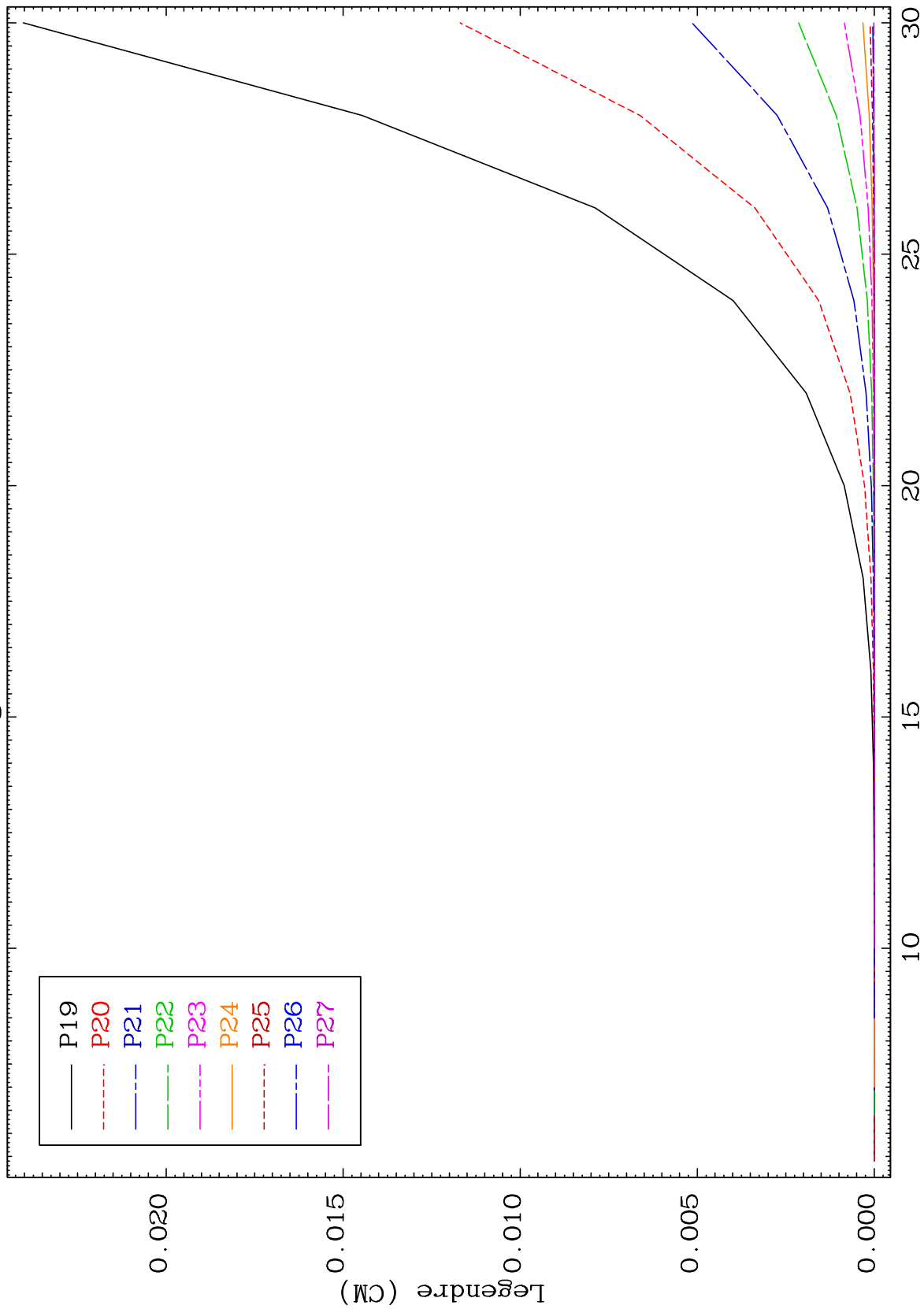
Incident Energy (MeV)

68-Er-172

MAT 6855

Elastic Legendre Coefficients

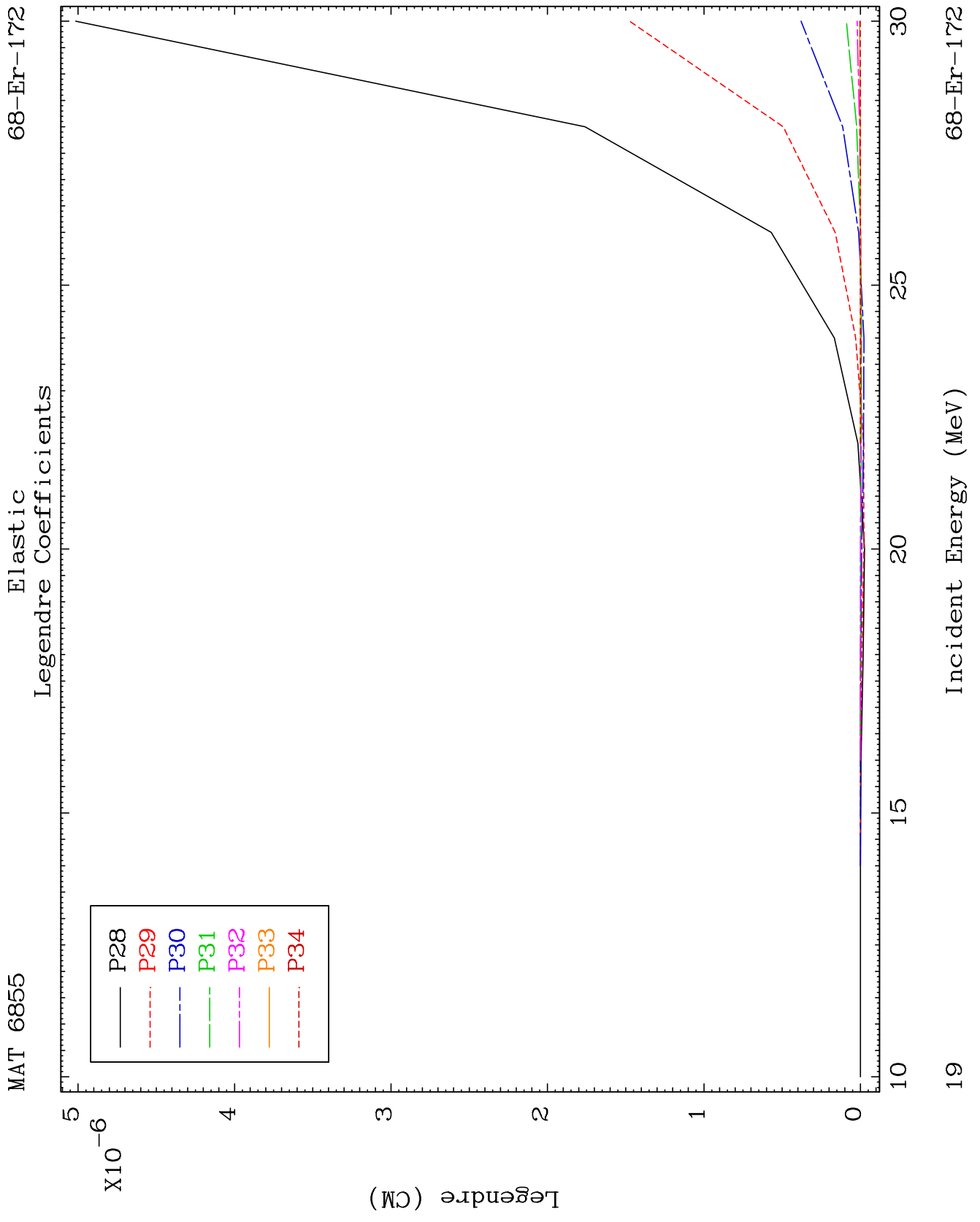
68-Er-172



18

Incident Energy (MeV)

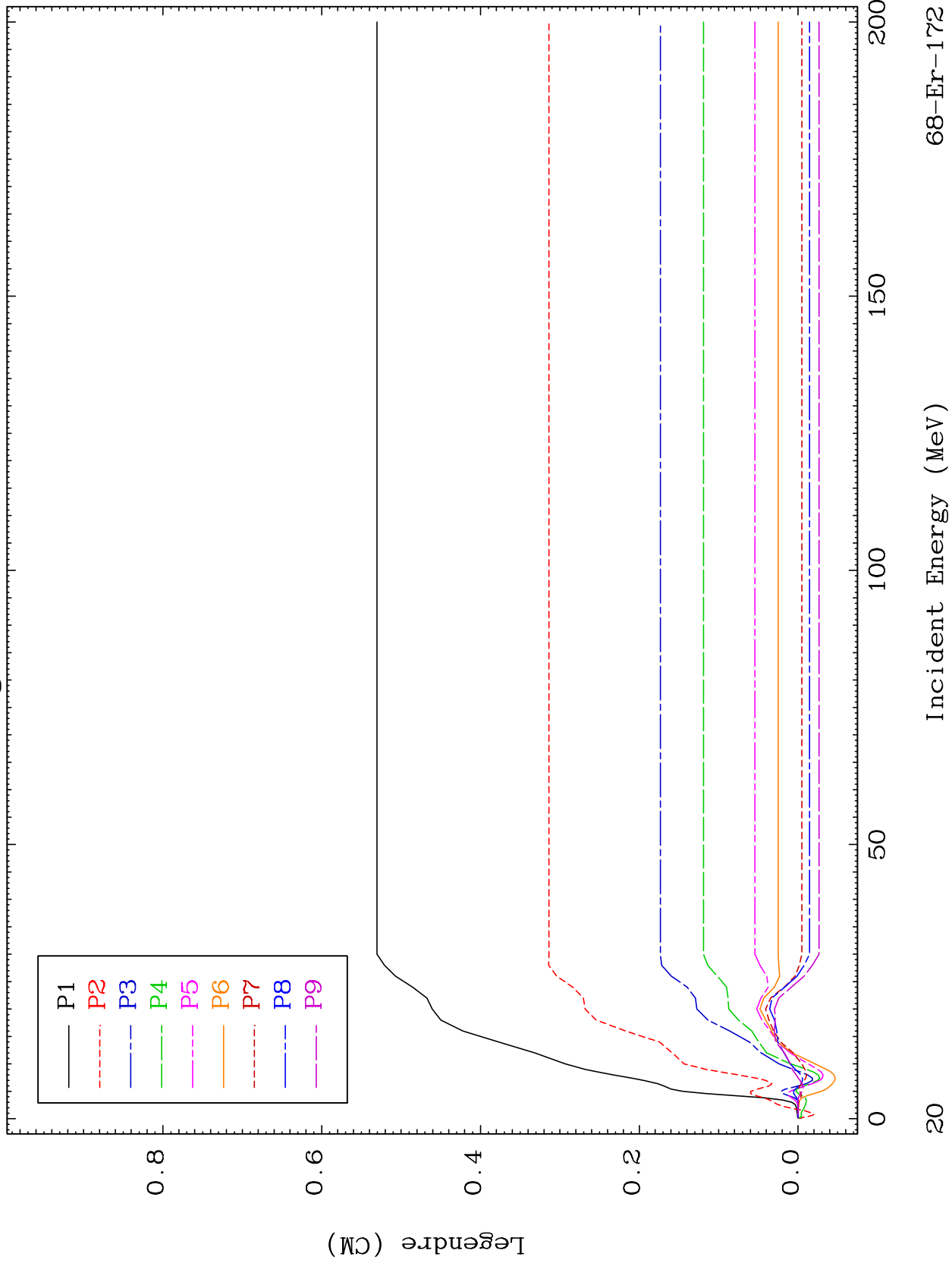
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

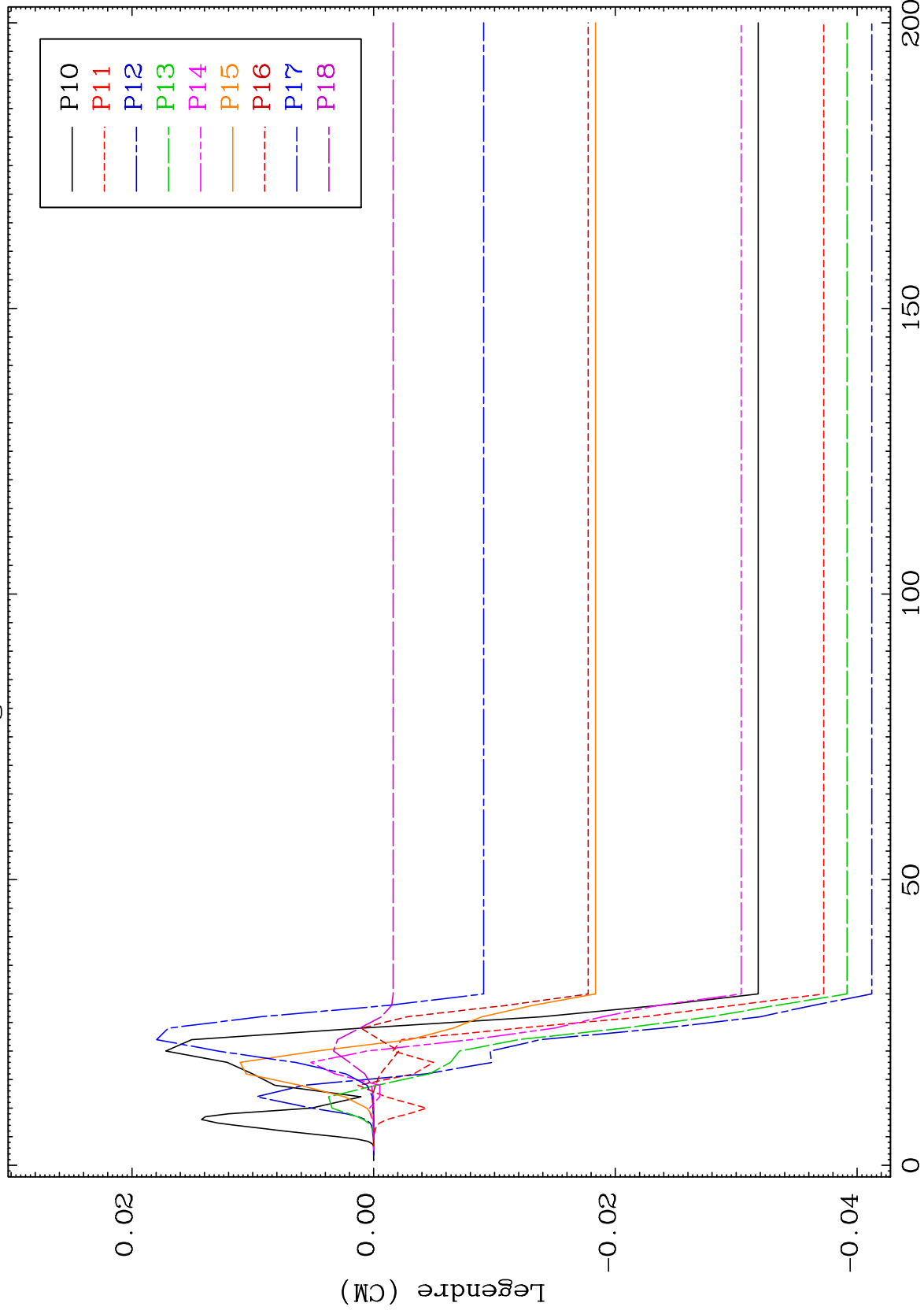
Incident Energy (MeV)

0

MAT 6855

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

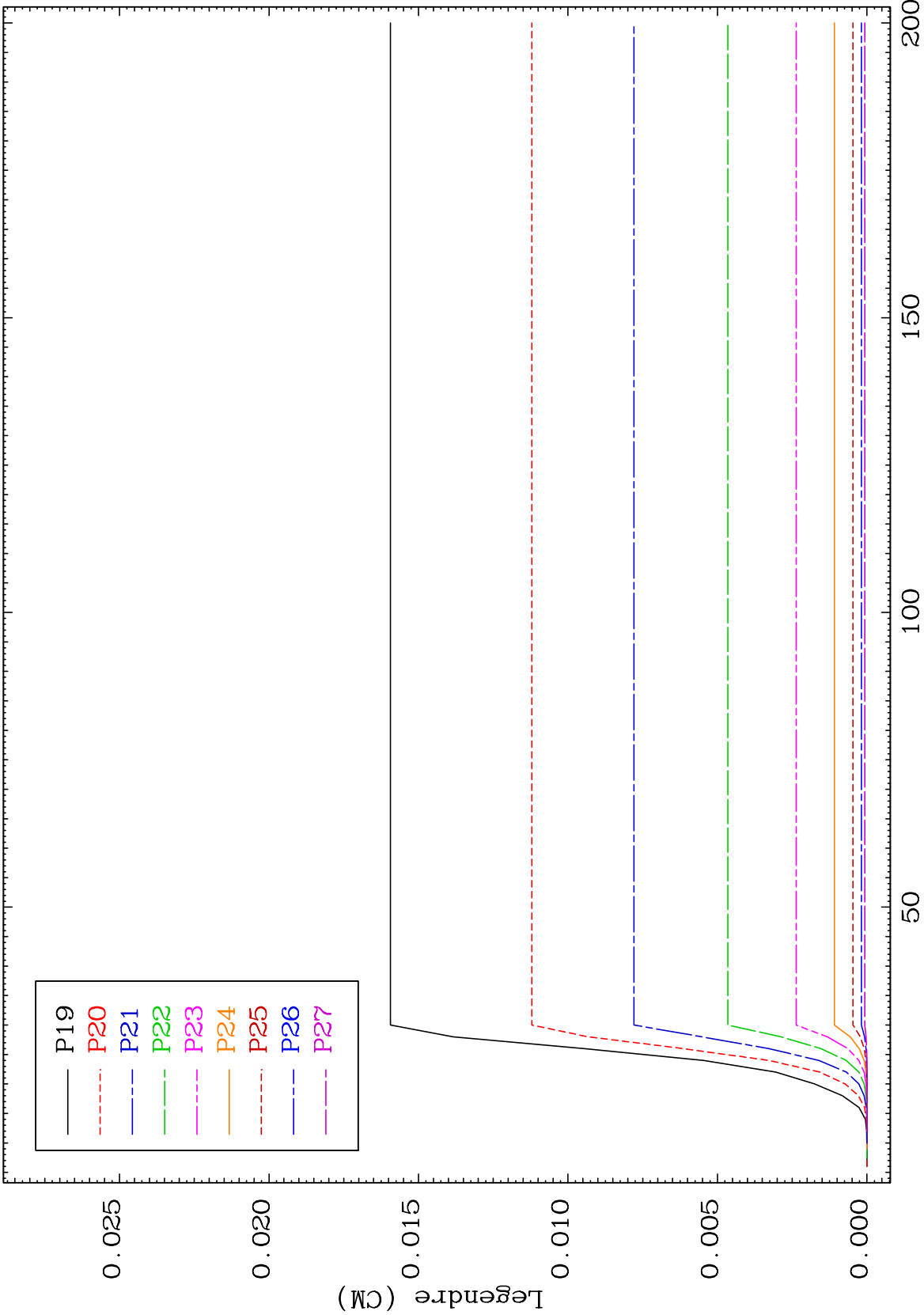
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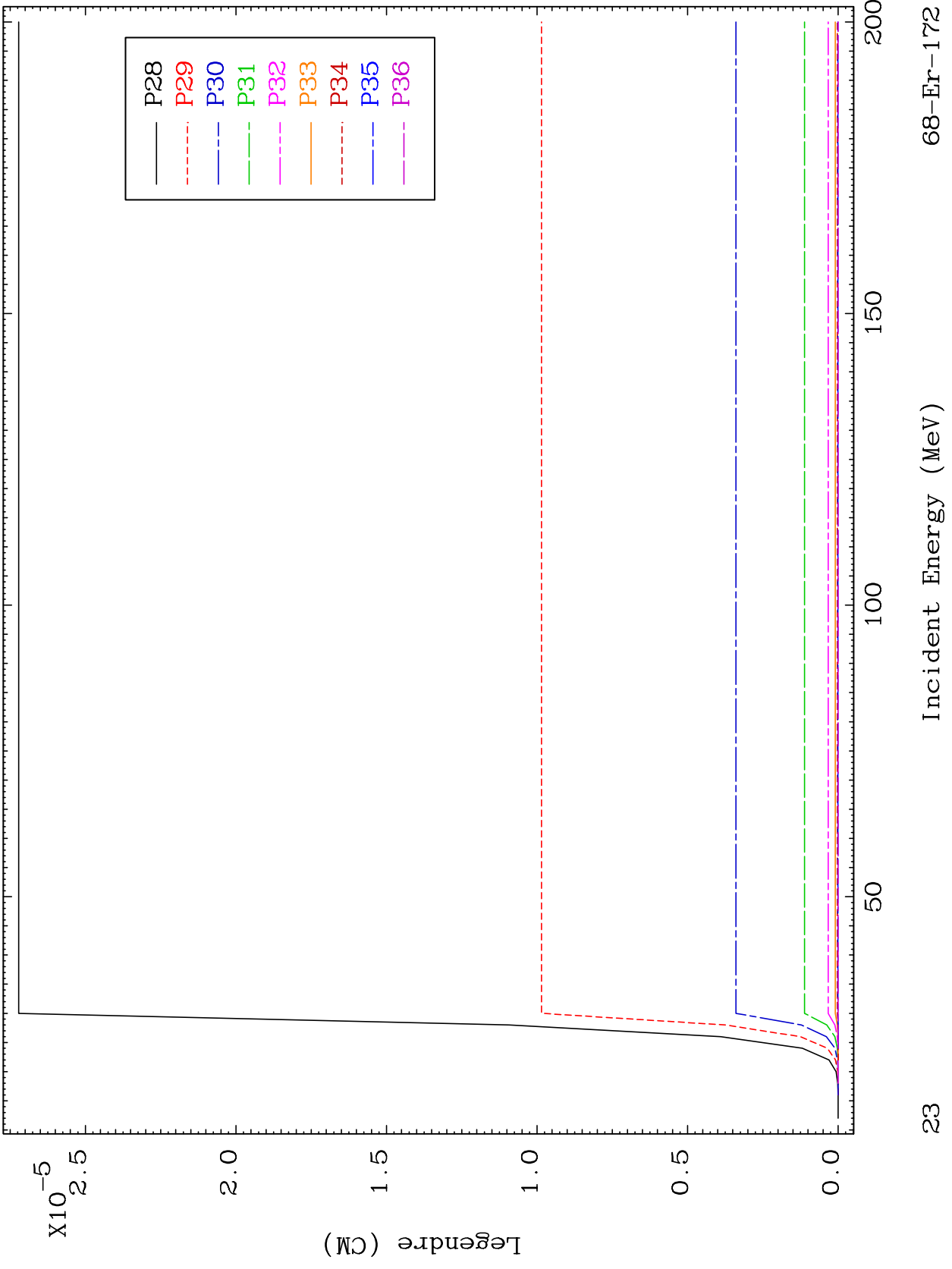


21

Incident Energy (MeV)

68-Er-172

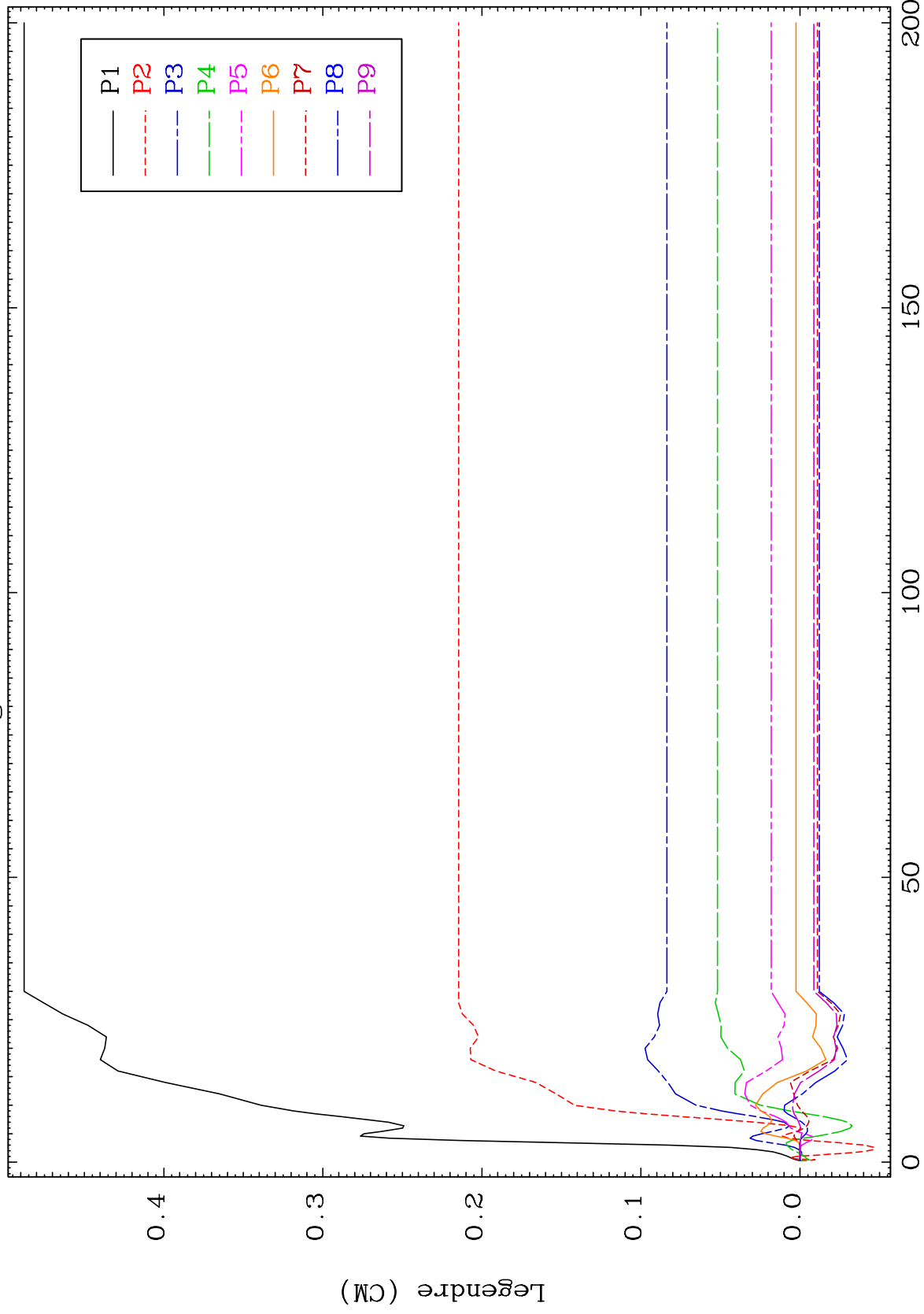




MAT 6855

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

68-Er-172



24

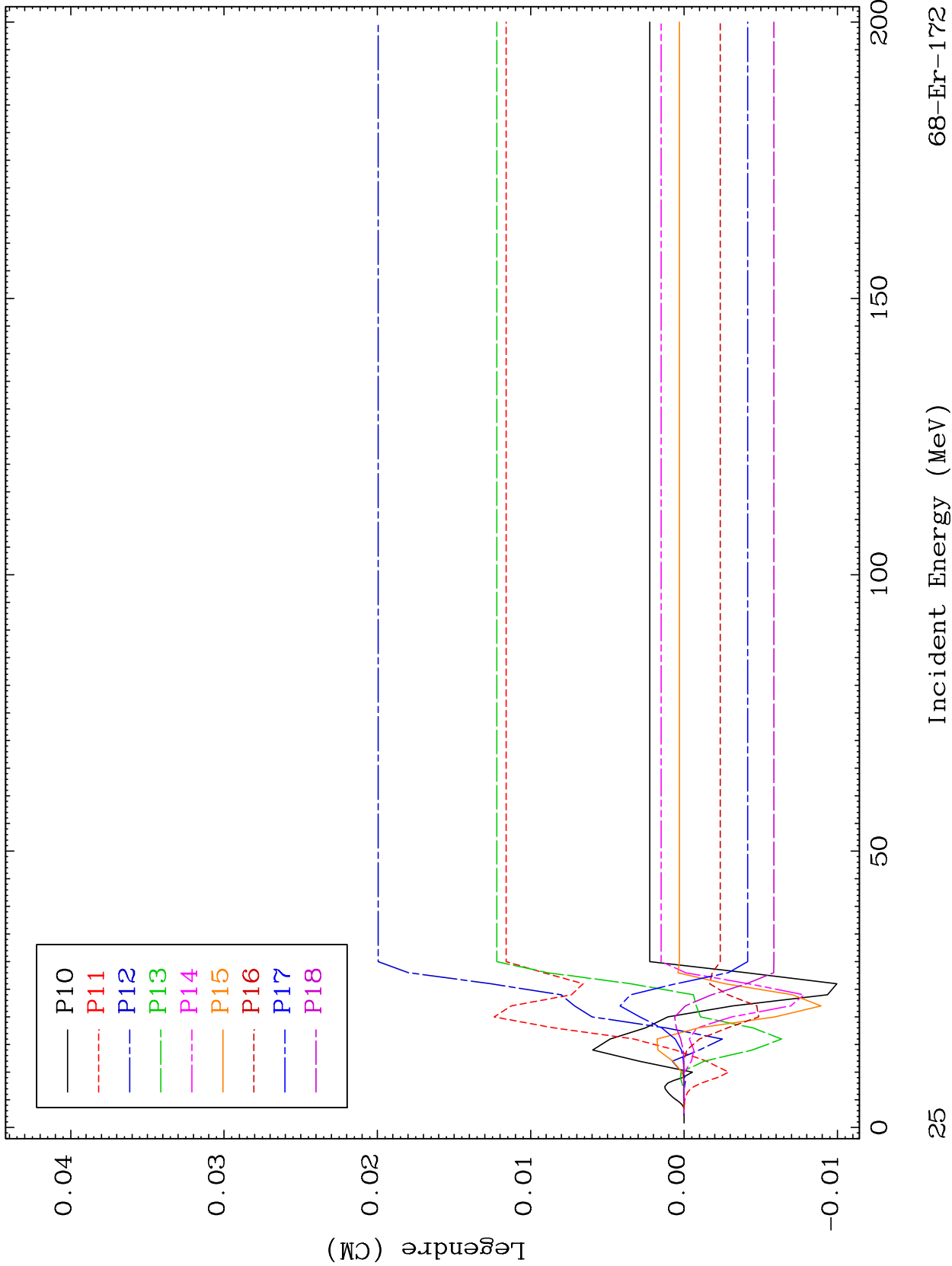
Incident Energy (MeV)

68-Er-172

MAT 6855

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

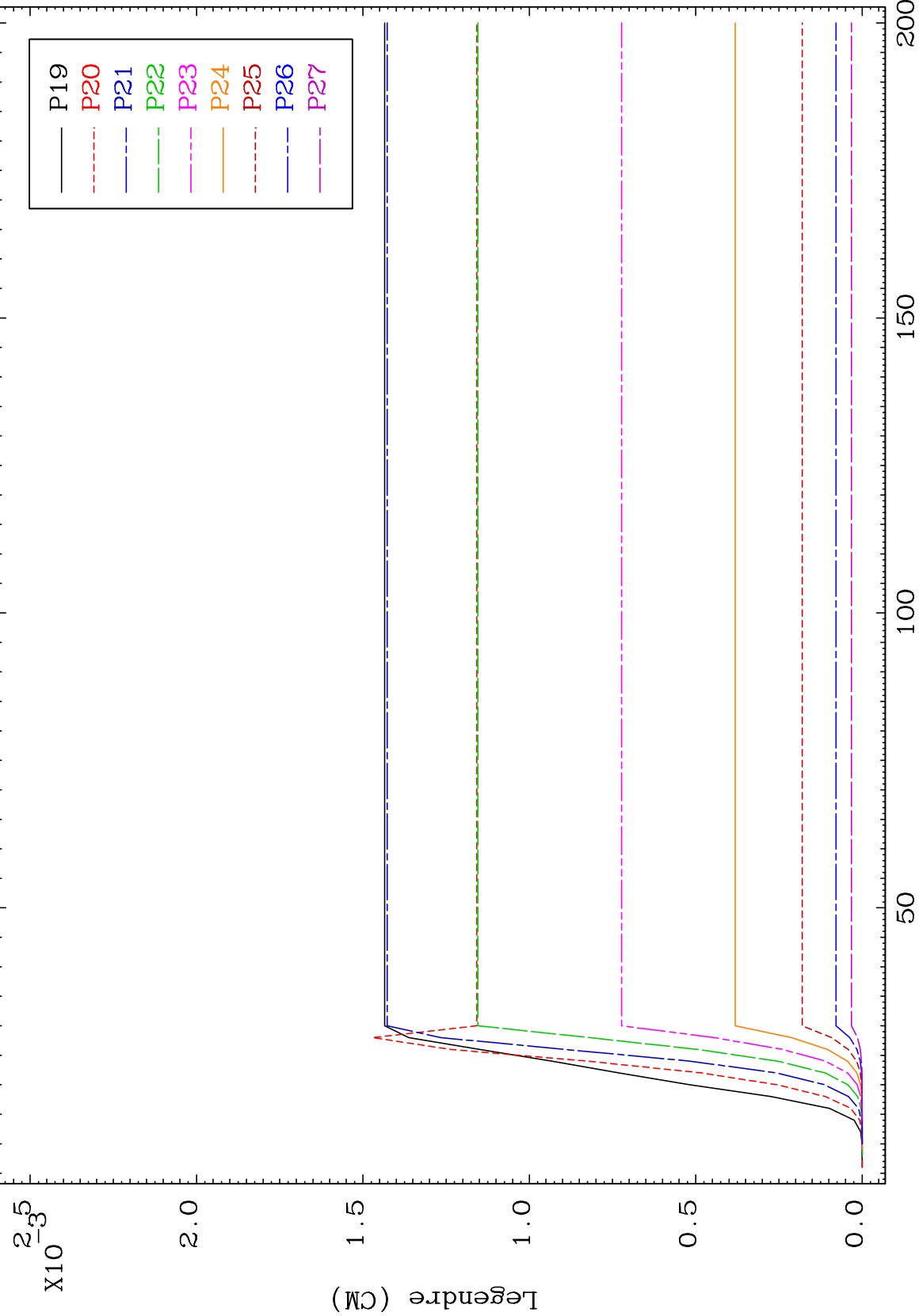
68-Er-172



68-Er-172

Incident Energy (MeV)

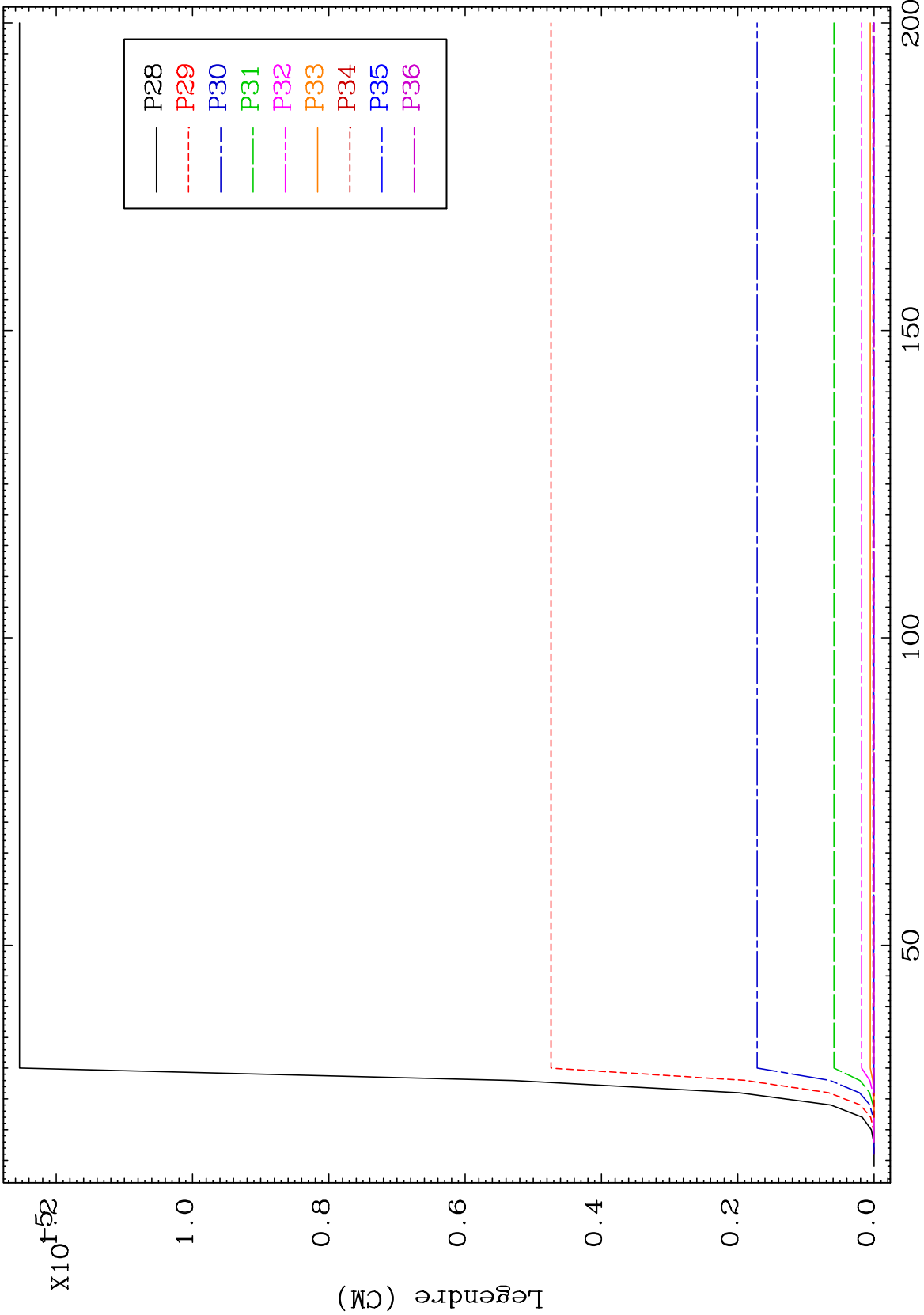
25



MAT 6855

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

68-Er-172



27

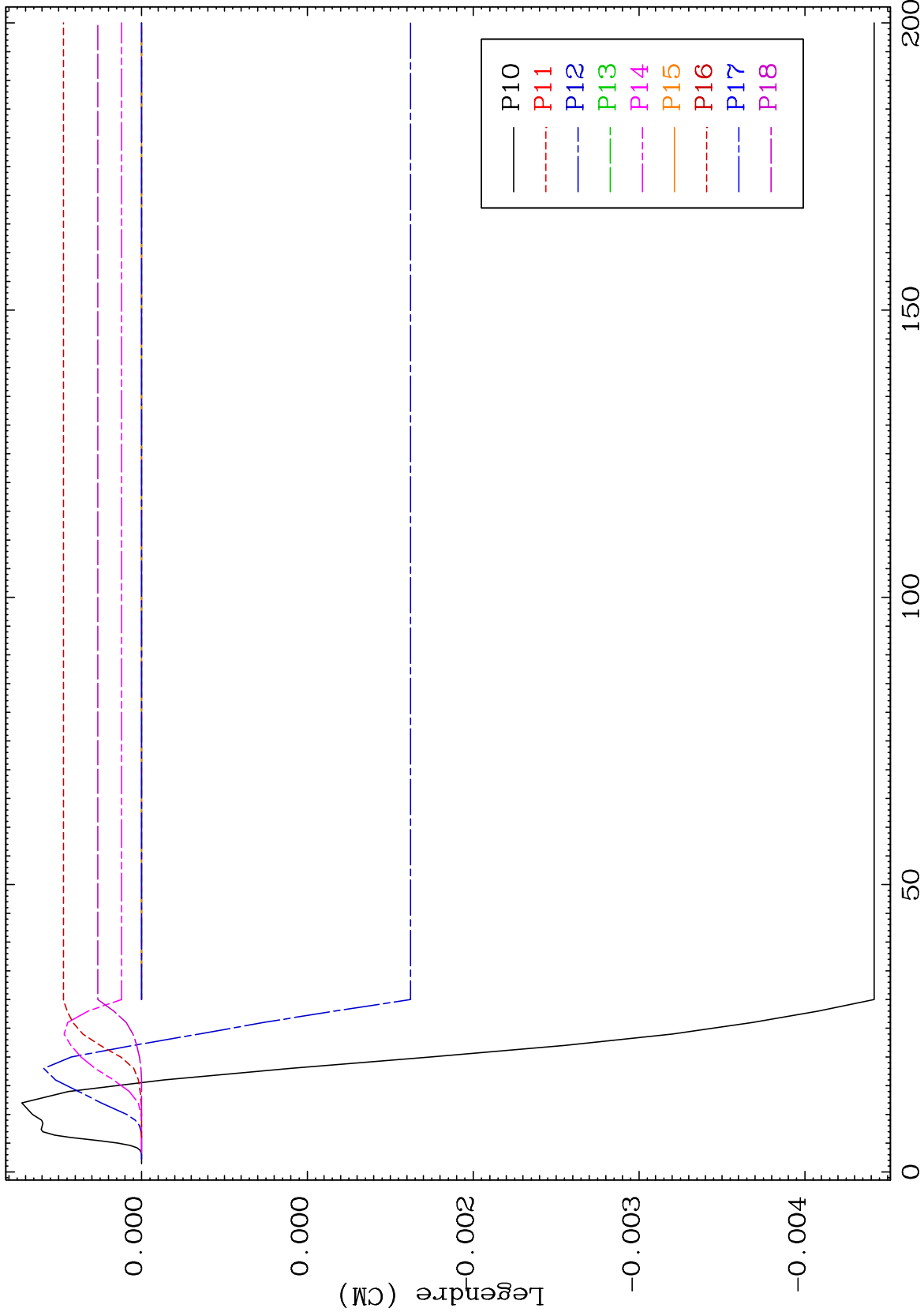
Incident Energy (MeV)

68-Er-172

MAT 6855

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

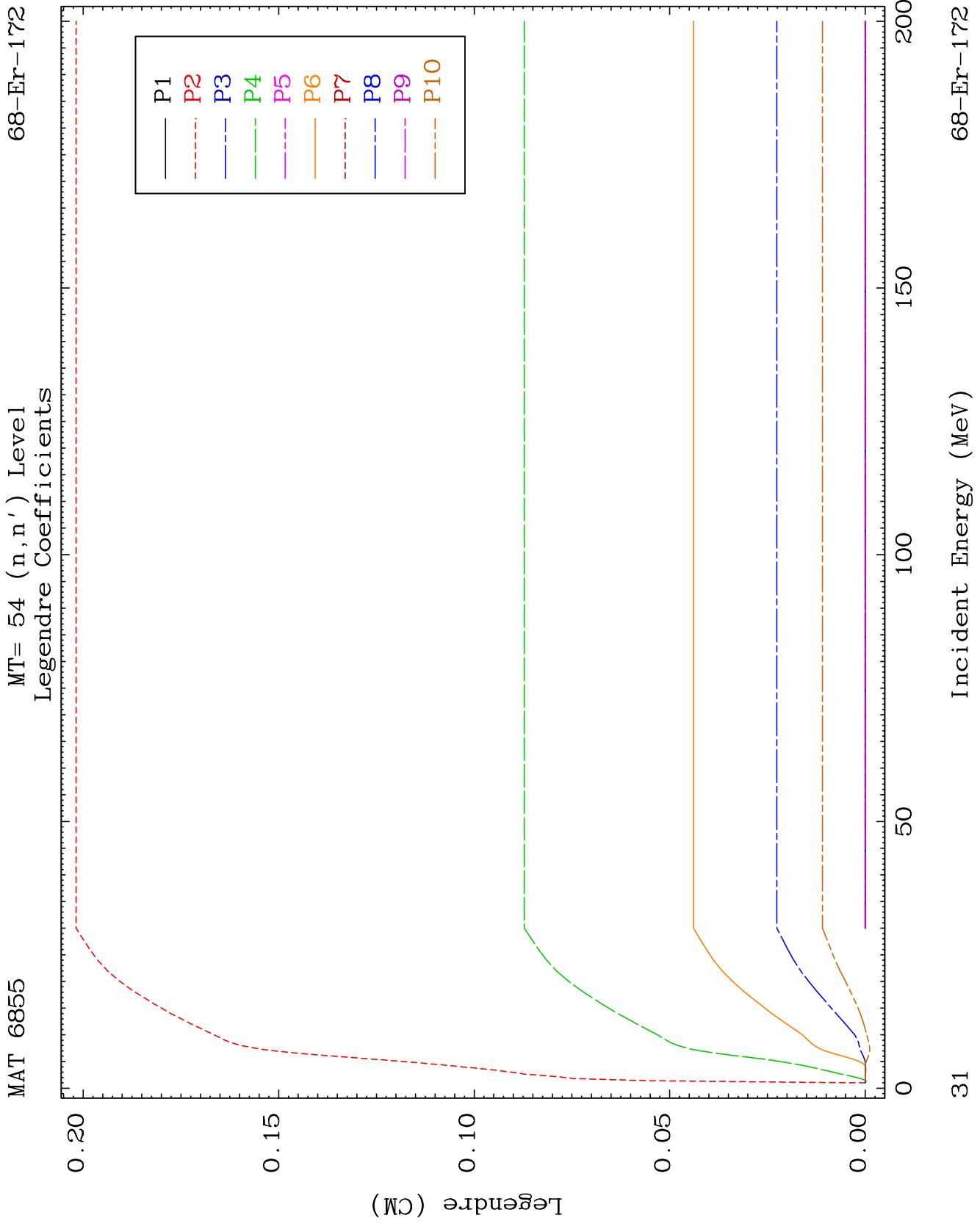
68-Er-172



29

Incident Energy (MeV)

68-Er-172

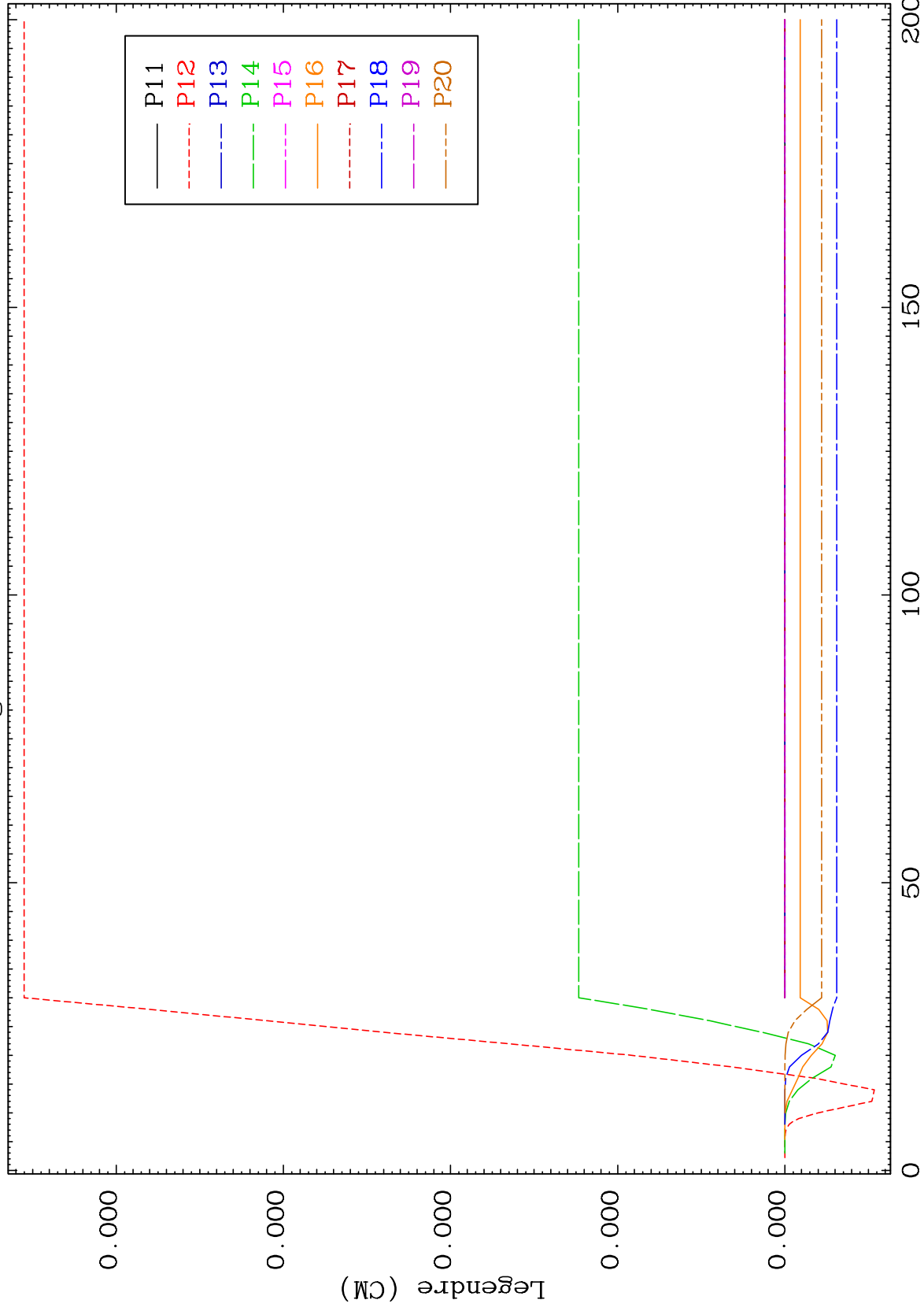


MAT 6855

MT= 54 (n,n') Level

68-Er-172

Legendre Coefficients



32

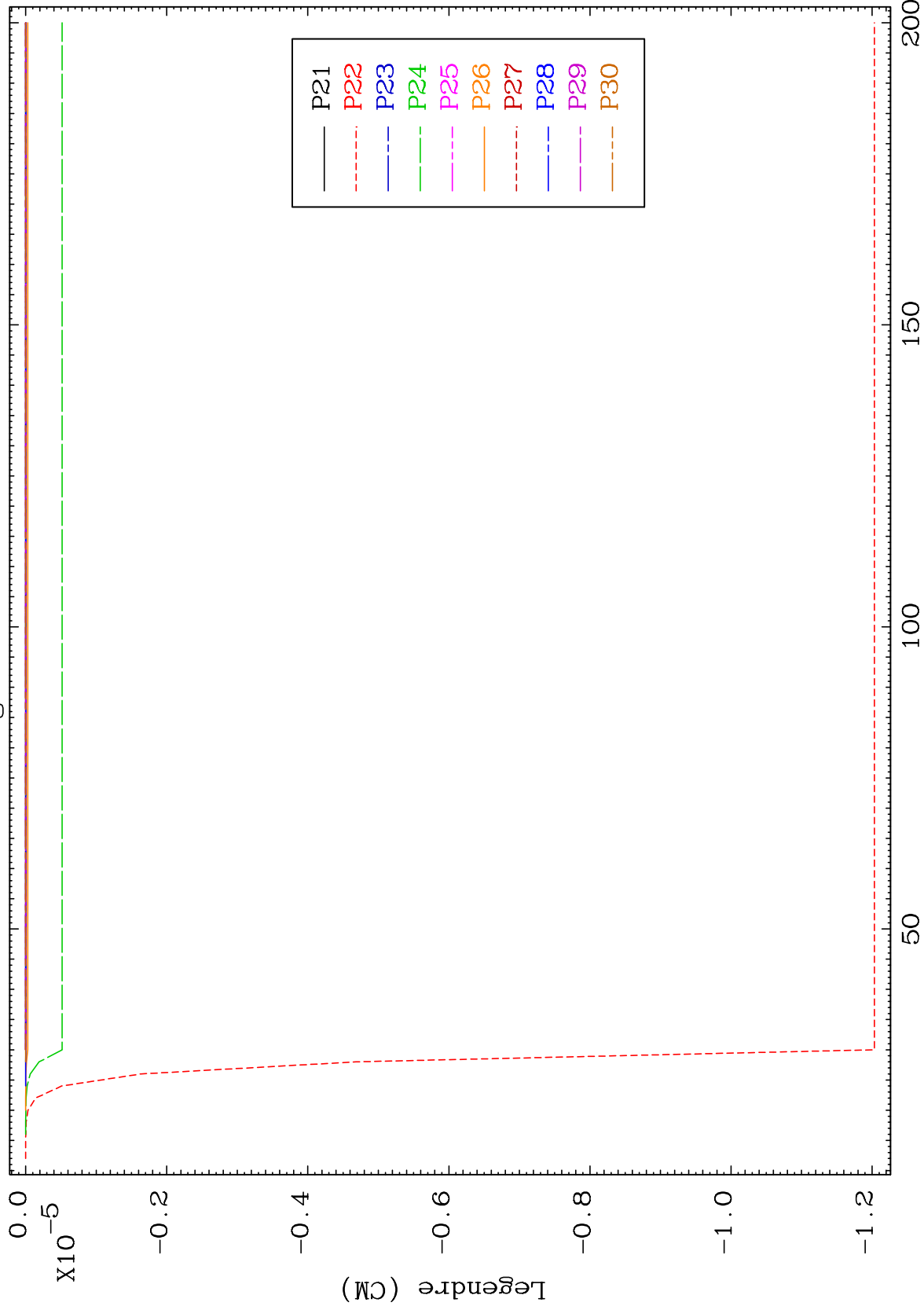
Incident Energy (MeV)

68-Er-172

MAT 6855

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

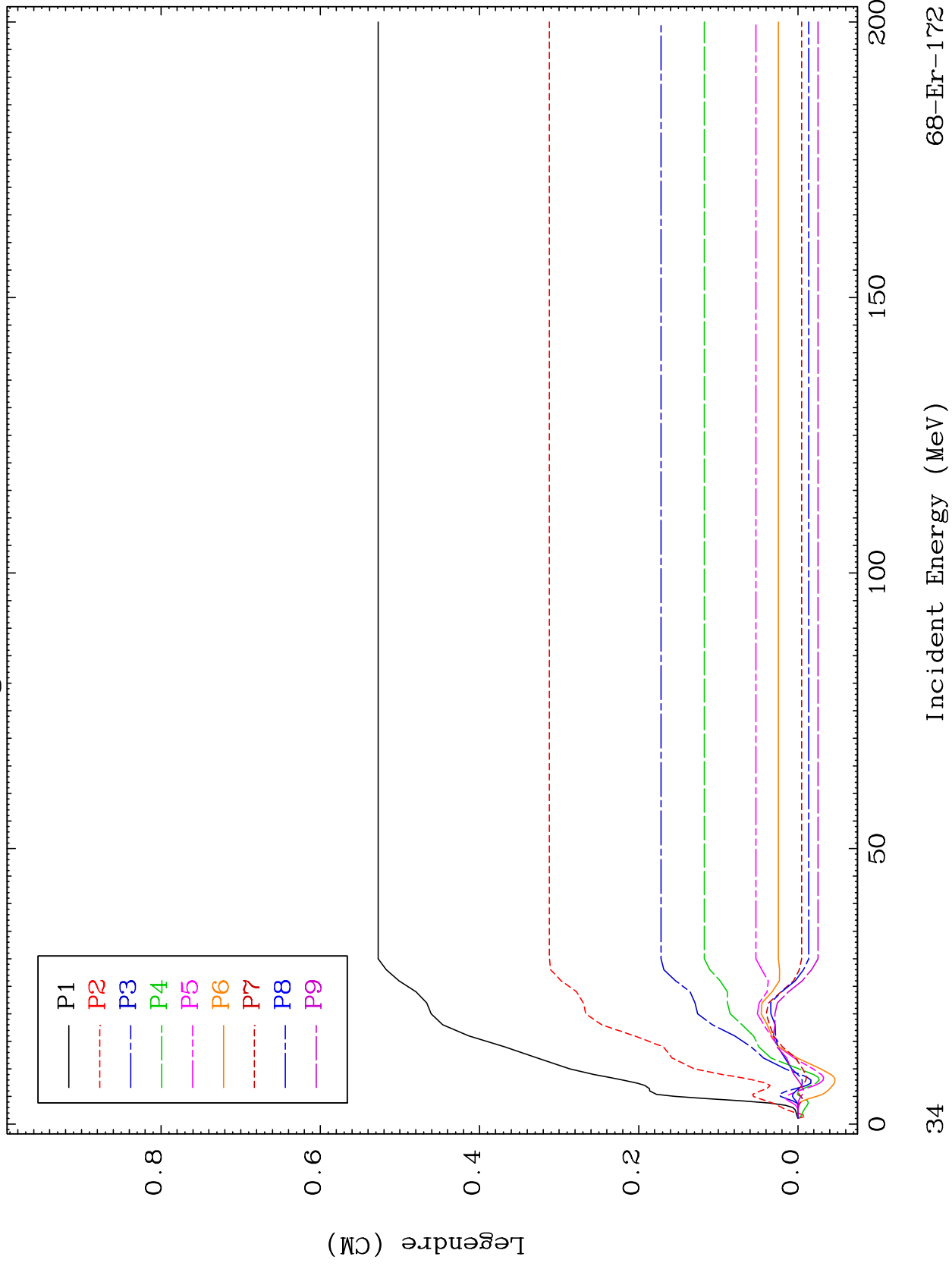
68-Er-172



MAT 6855

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

68-Er-172



34

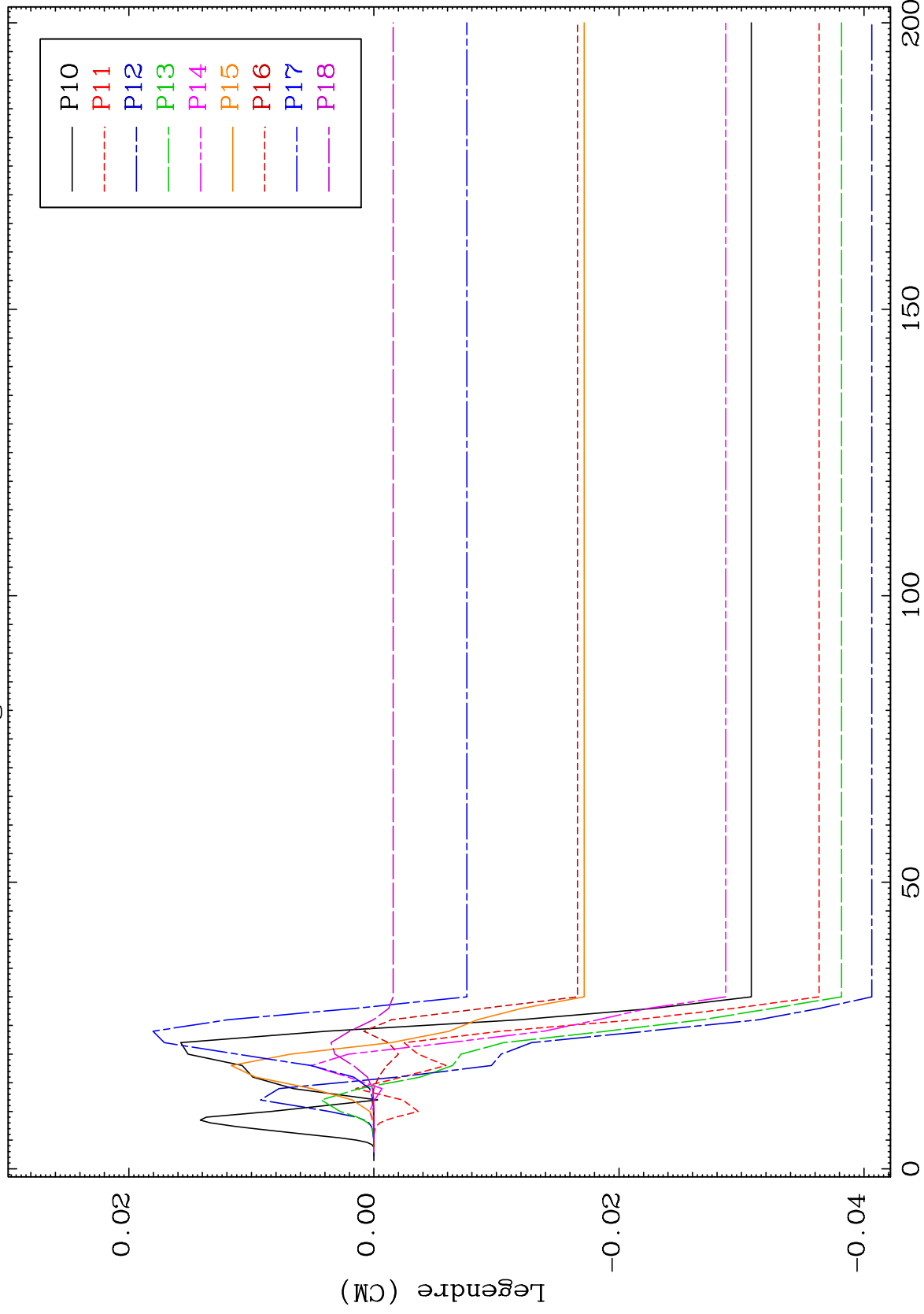
Incident Energy (MeV)

68-Er-172

MAT 6855

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

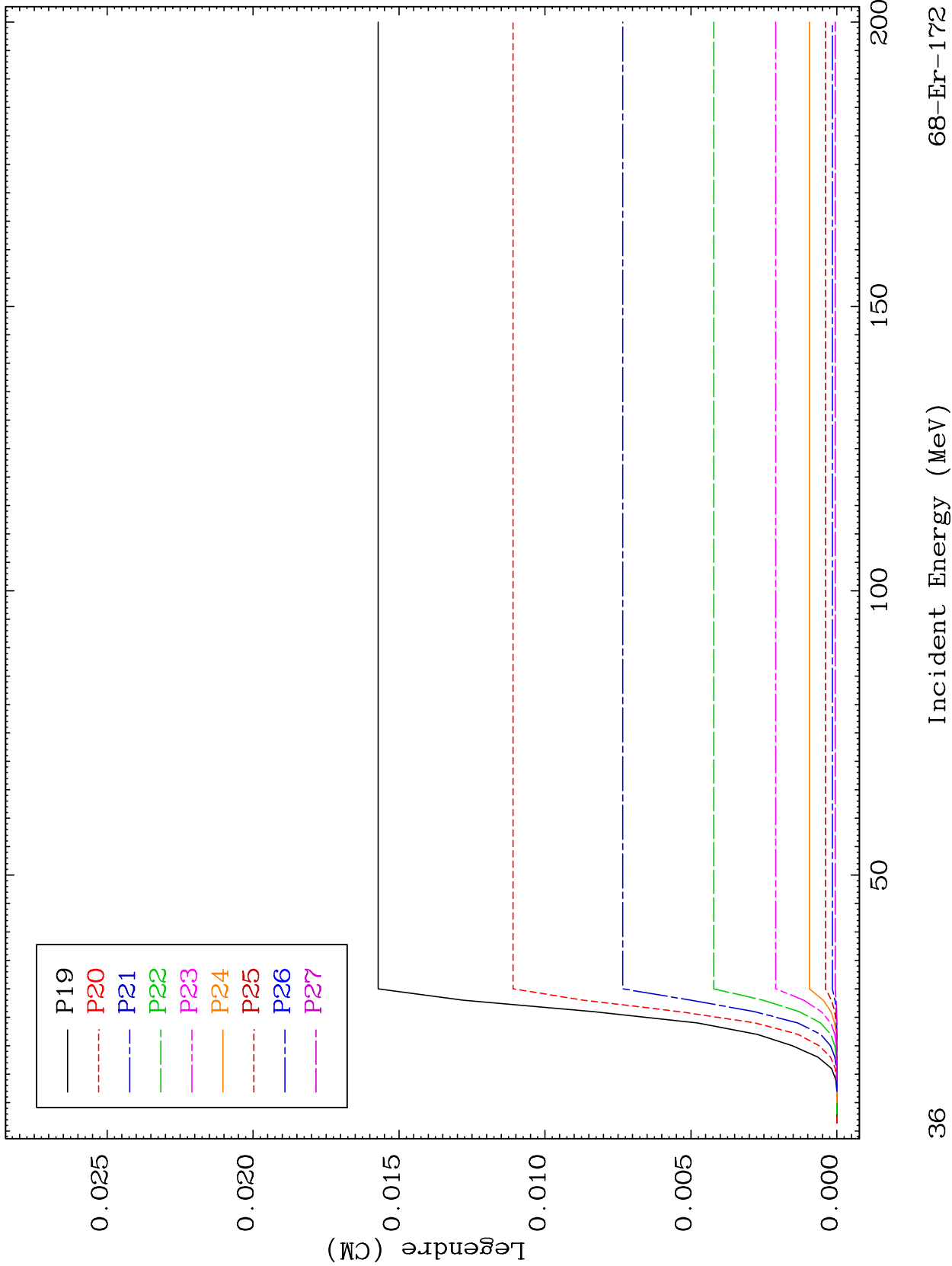
68-Er-172



35

Incident Energy (MeV)

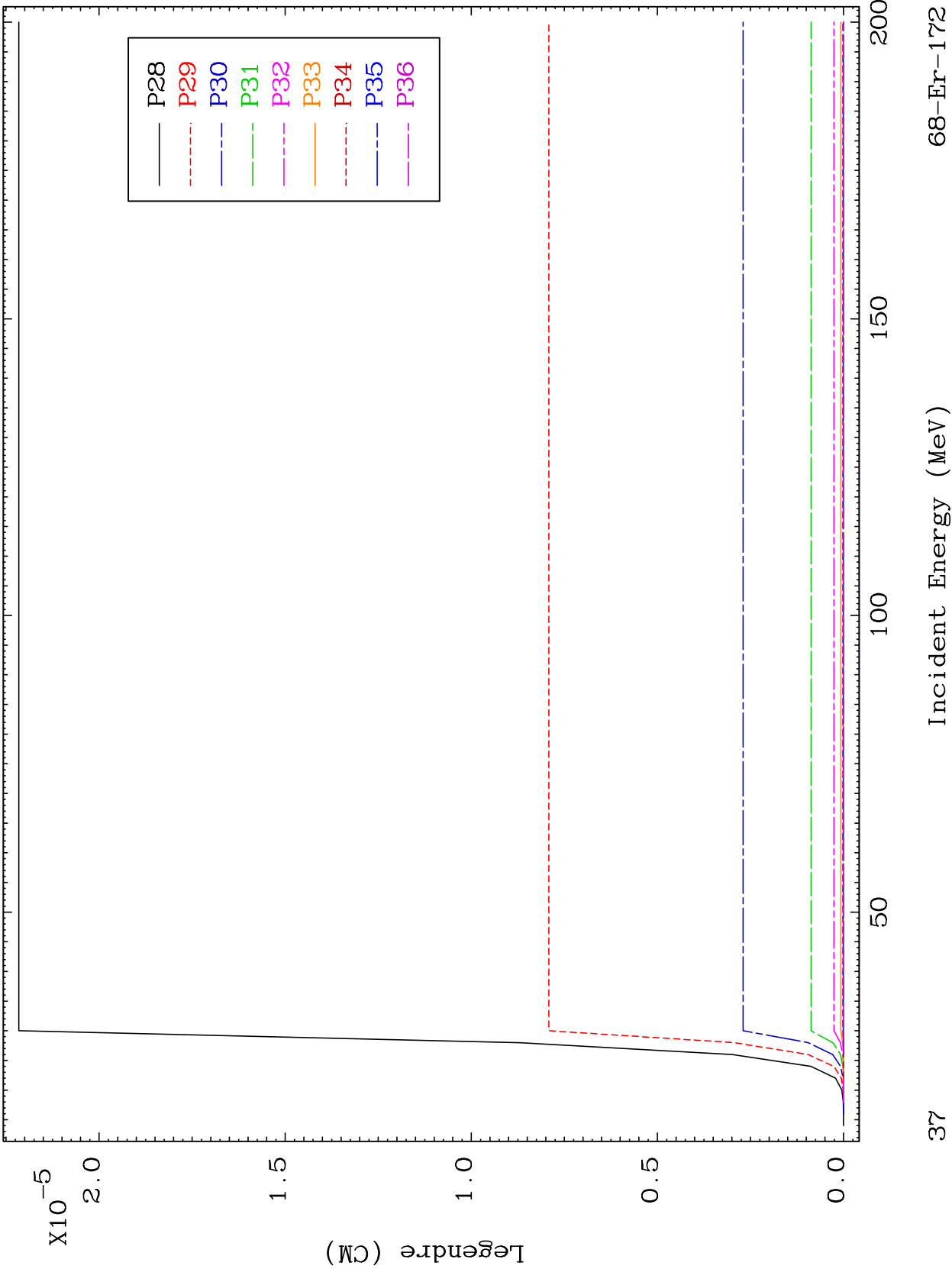
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MAT 6855

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

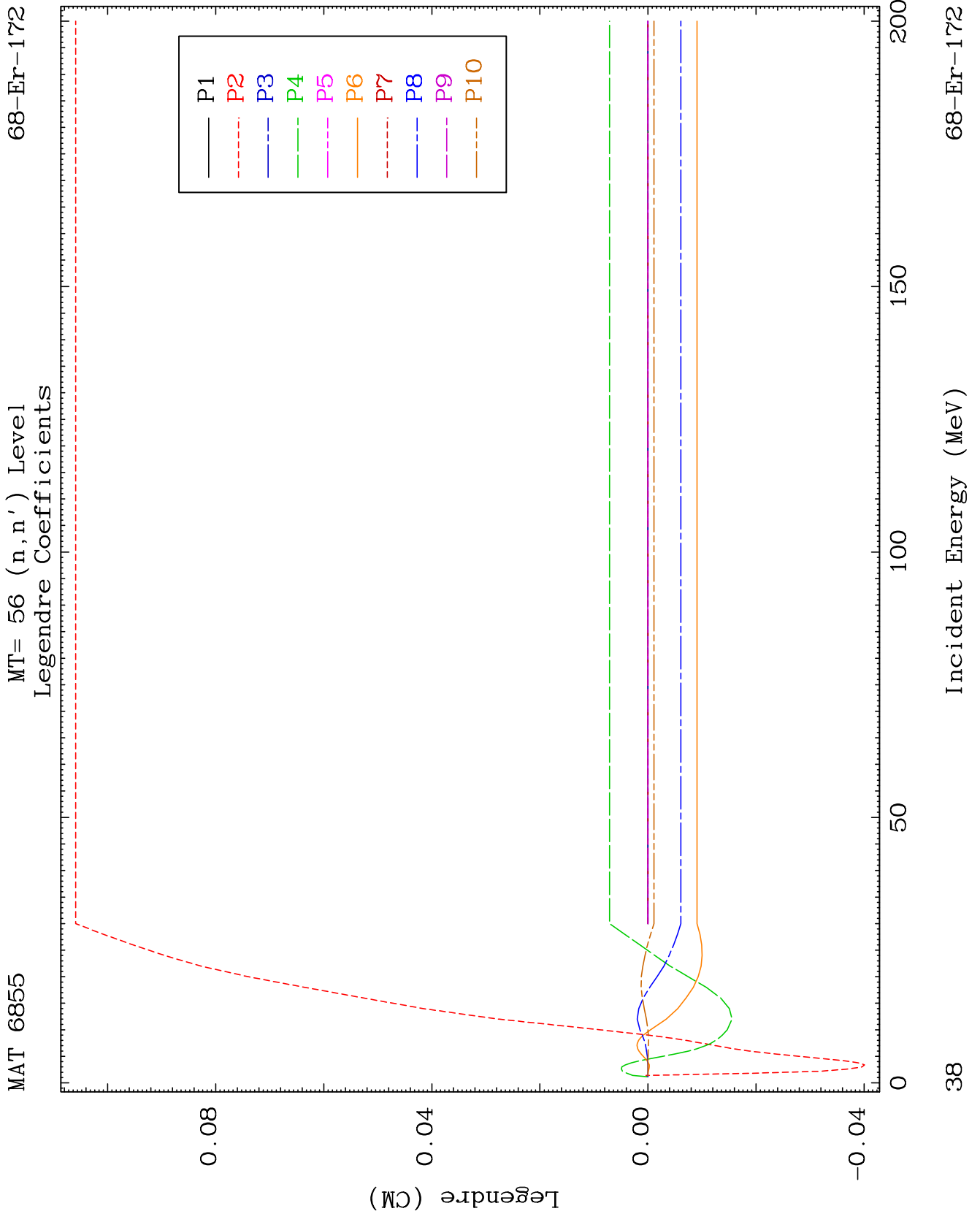
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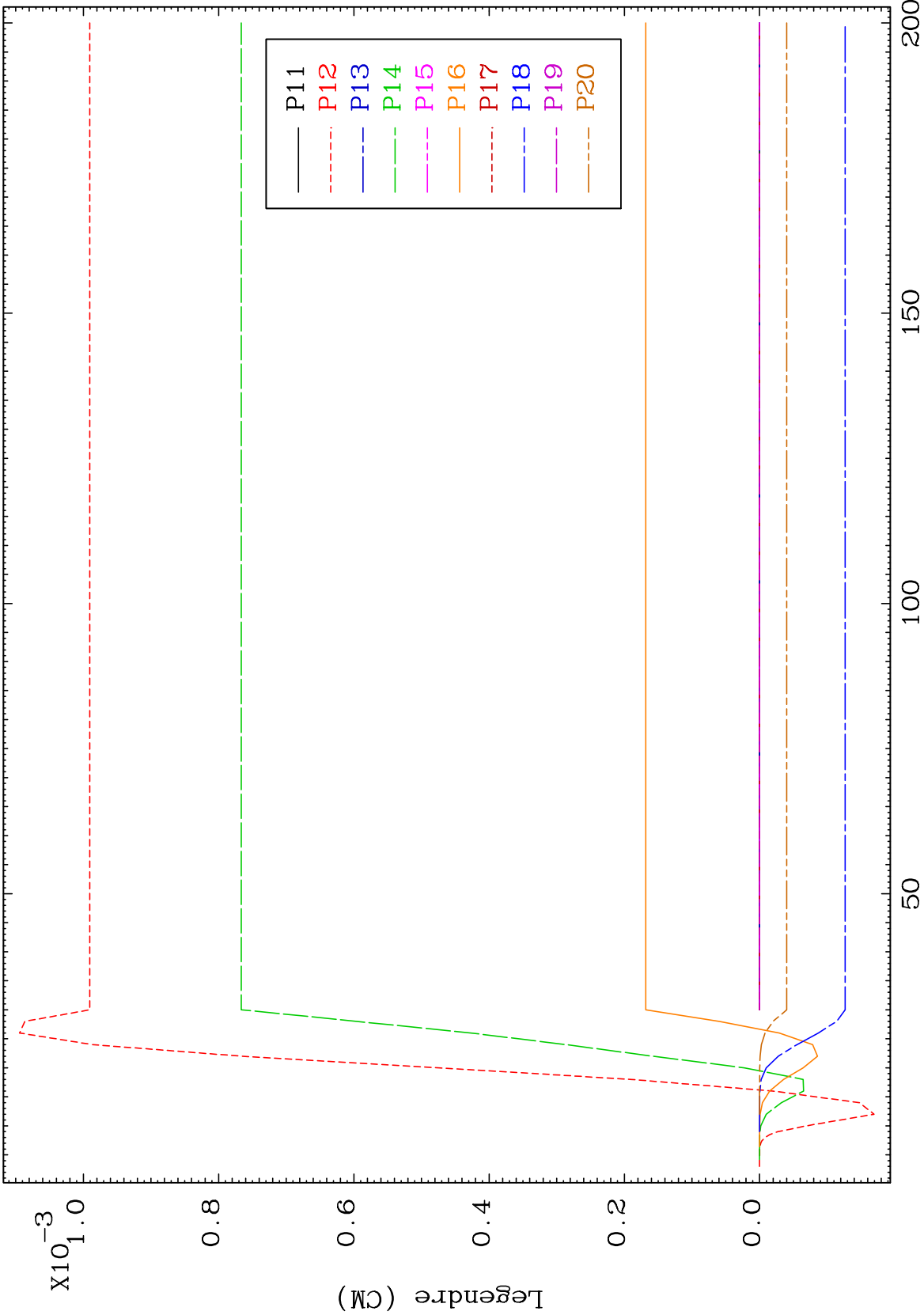


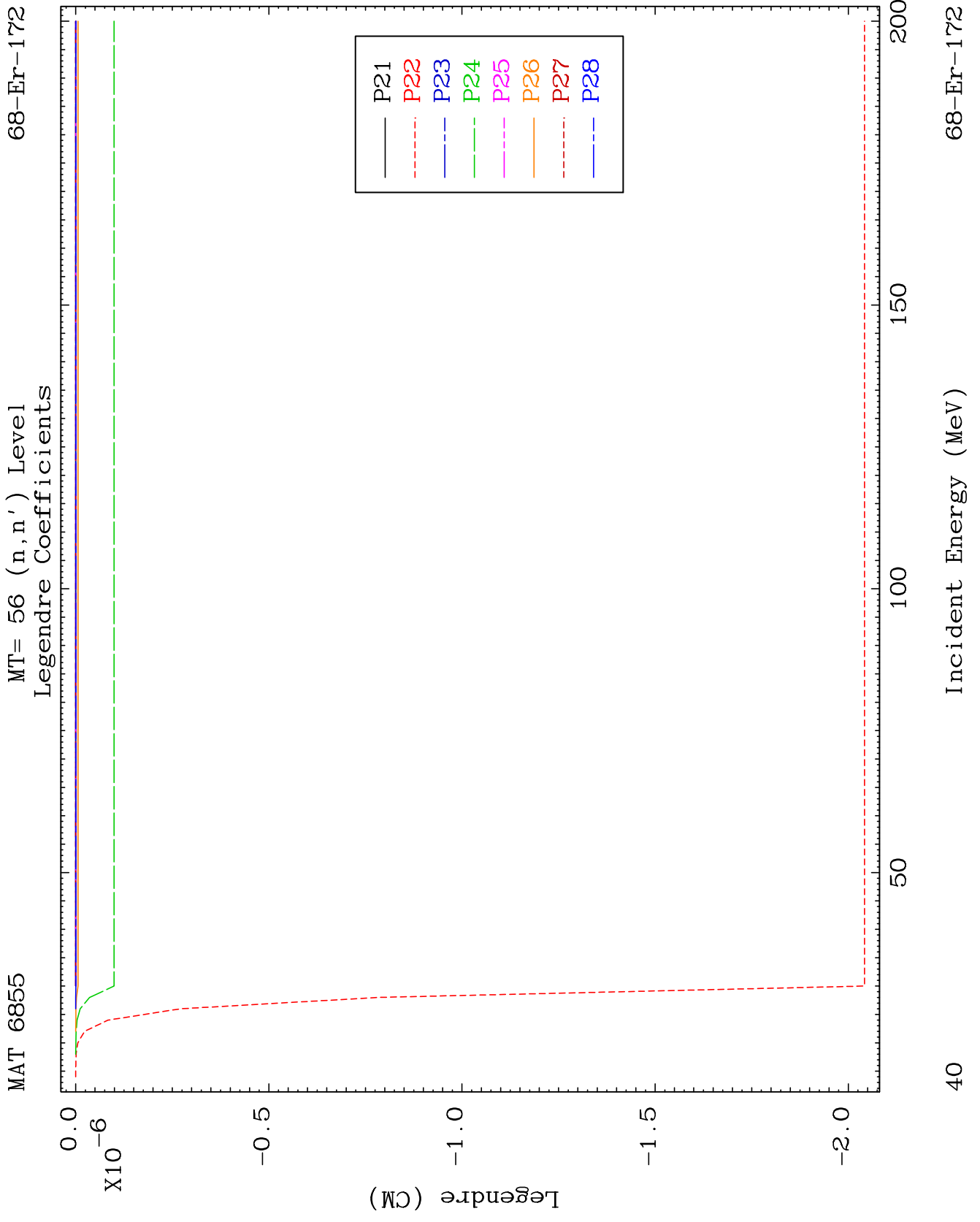
37

Incident Energy (MeV)

68-Er-172



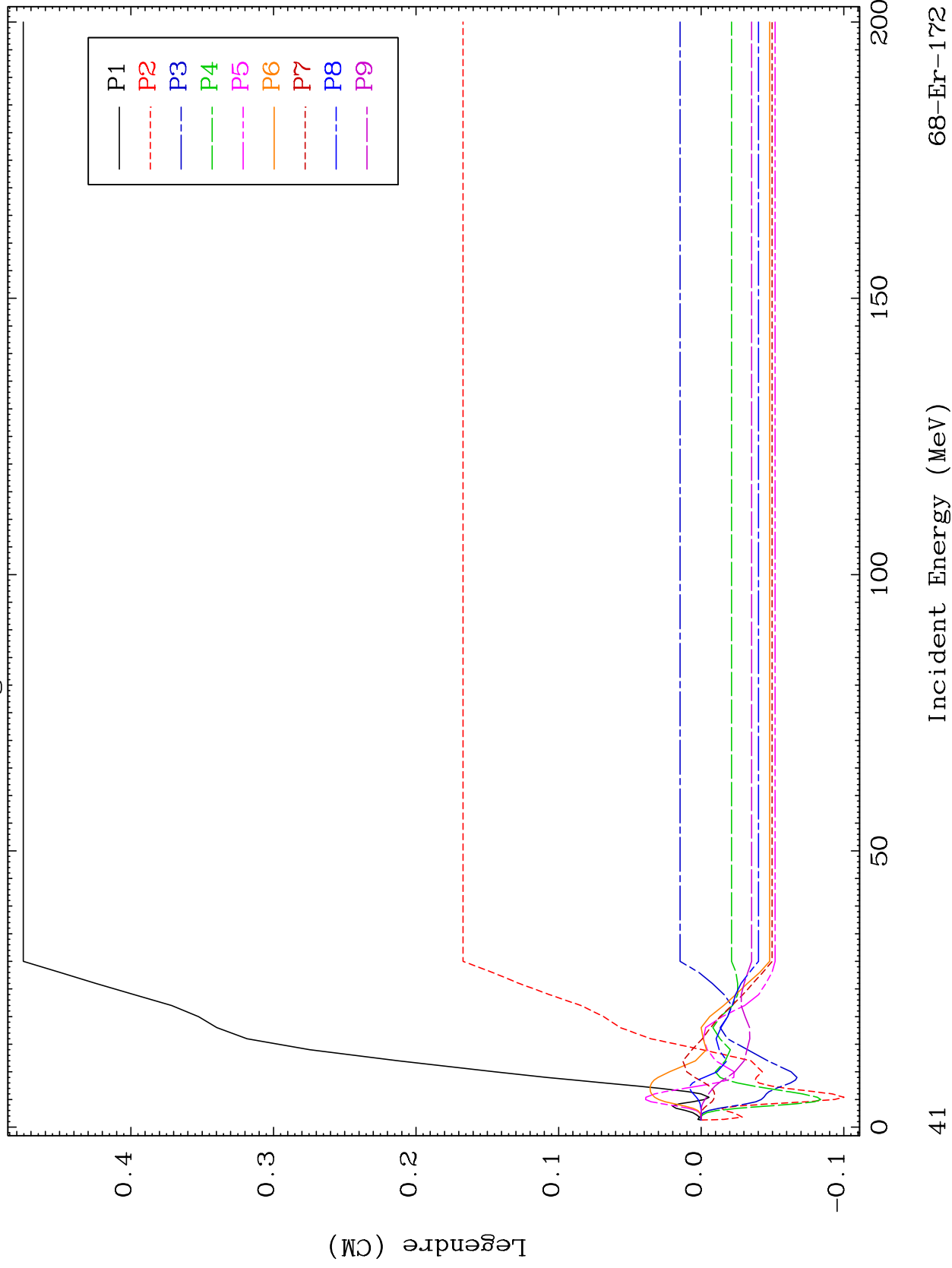




MAT 6855

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

68-Er-172



68-Er-172

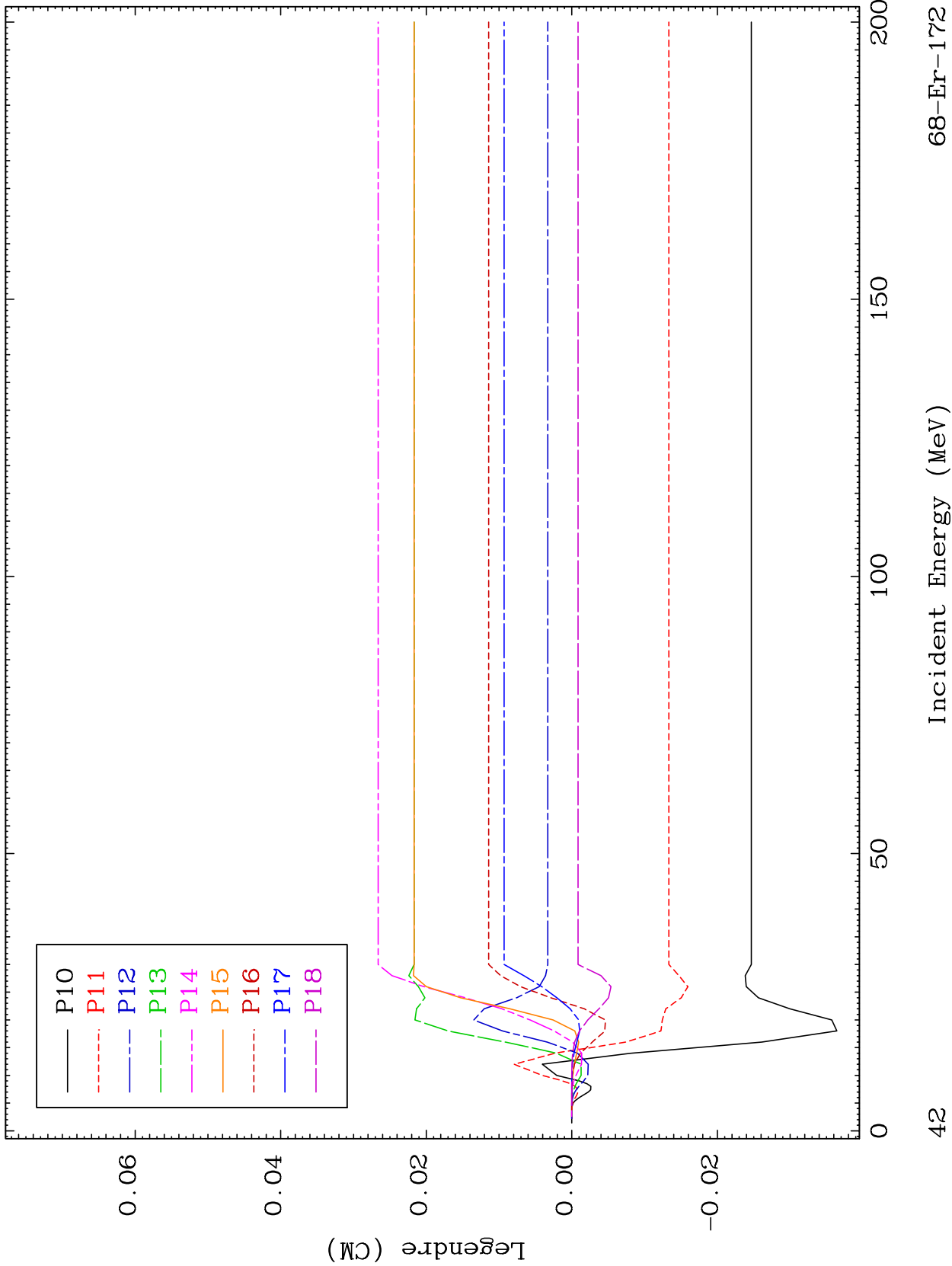
Incident Energy (MeV)

41

MAT 6855

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

68-Er-172



68-Er-172

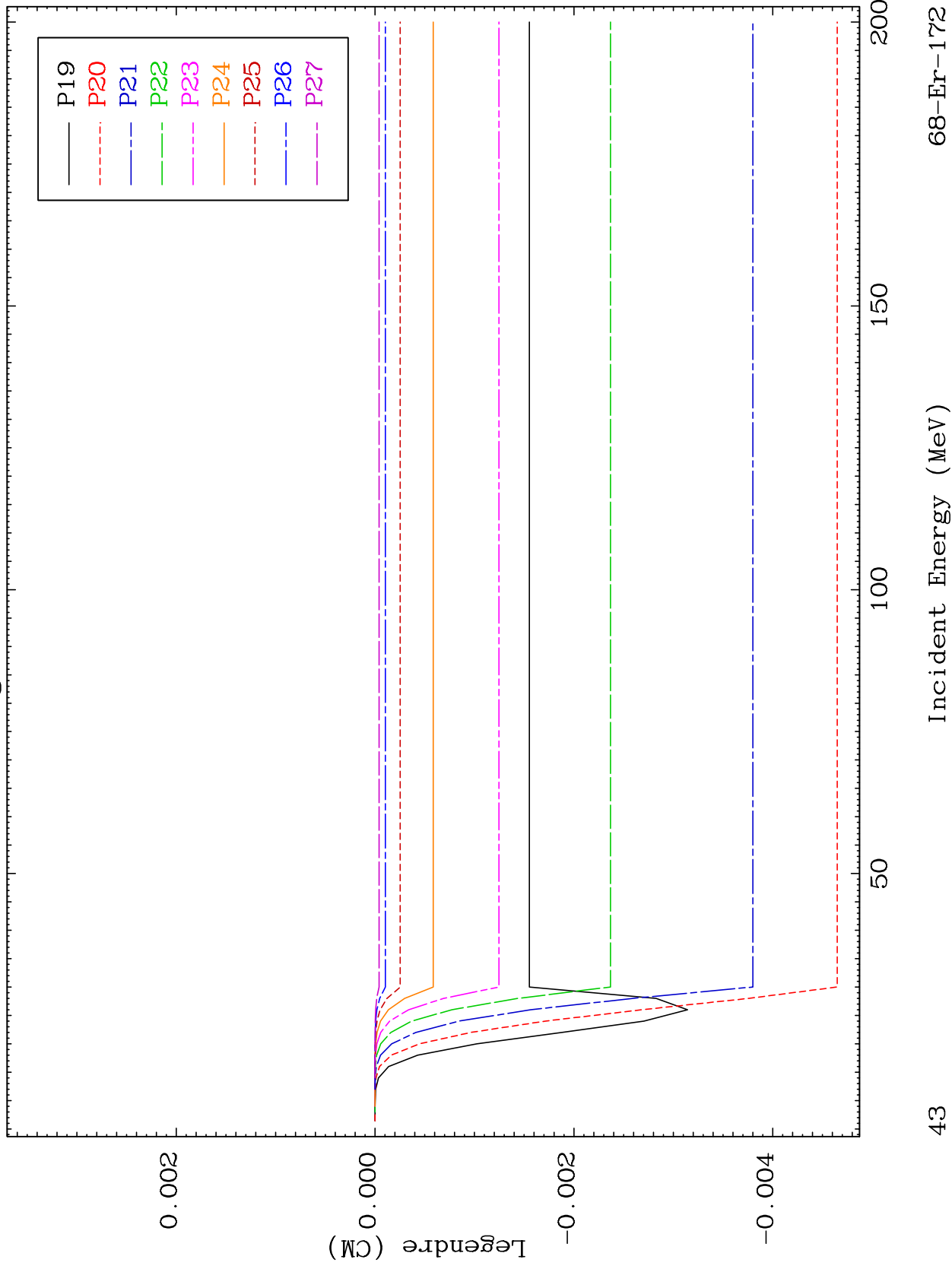
Incident Energy (MeV)

42

MAT 6855

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

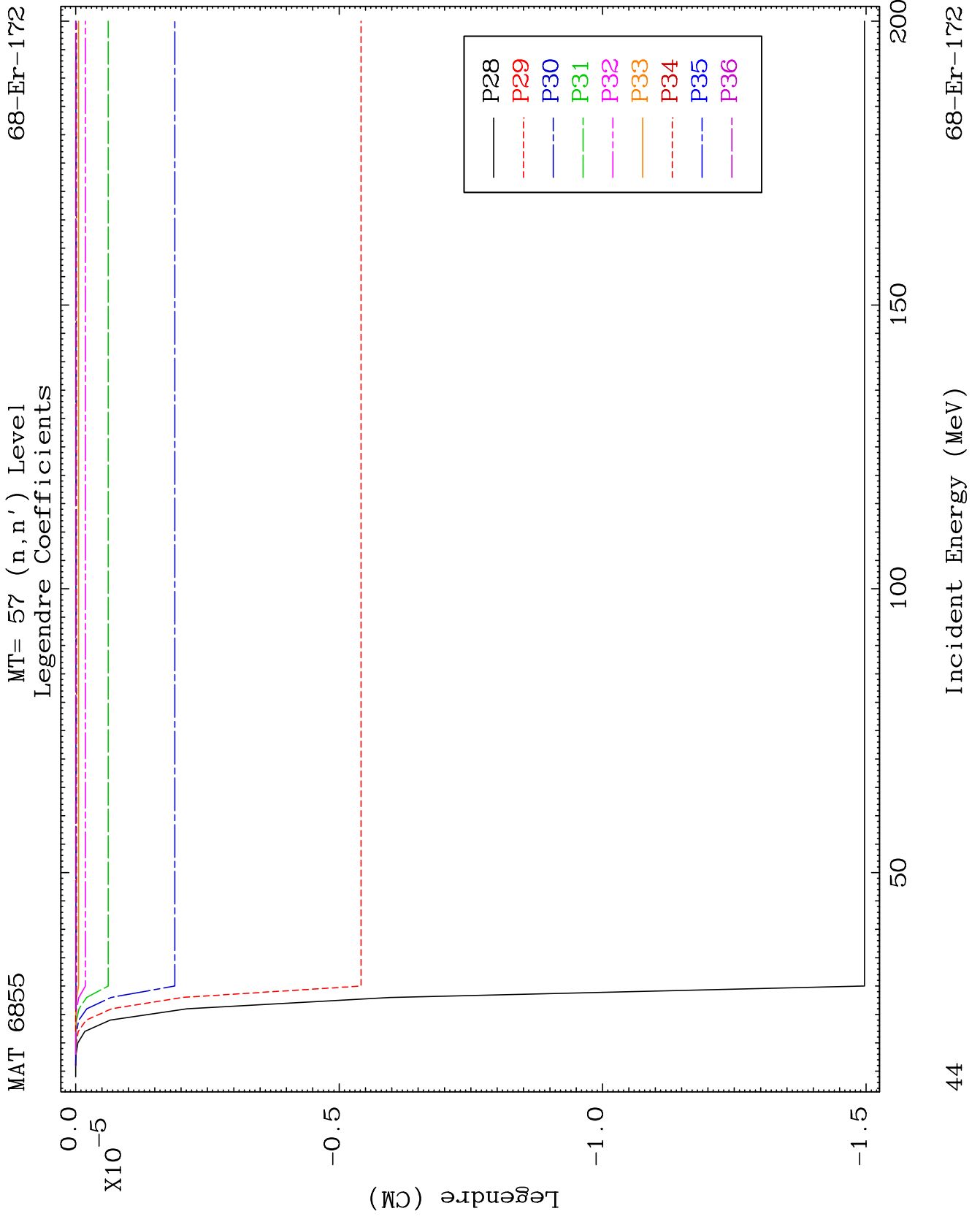
68-Er-172



43

Incident Energy (MeV)

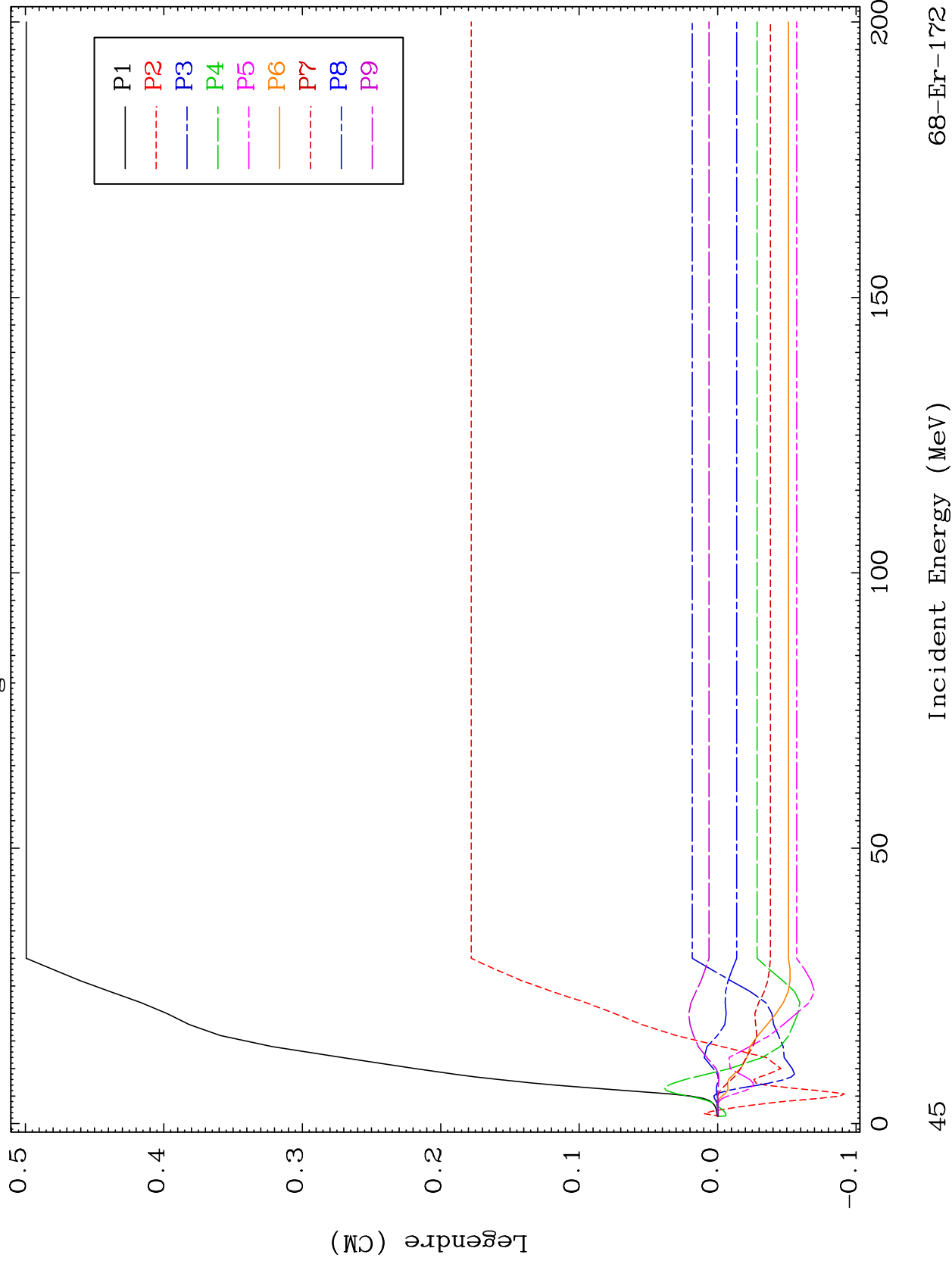
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

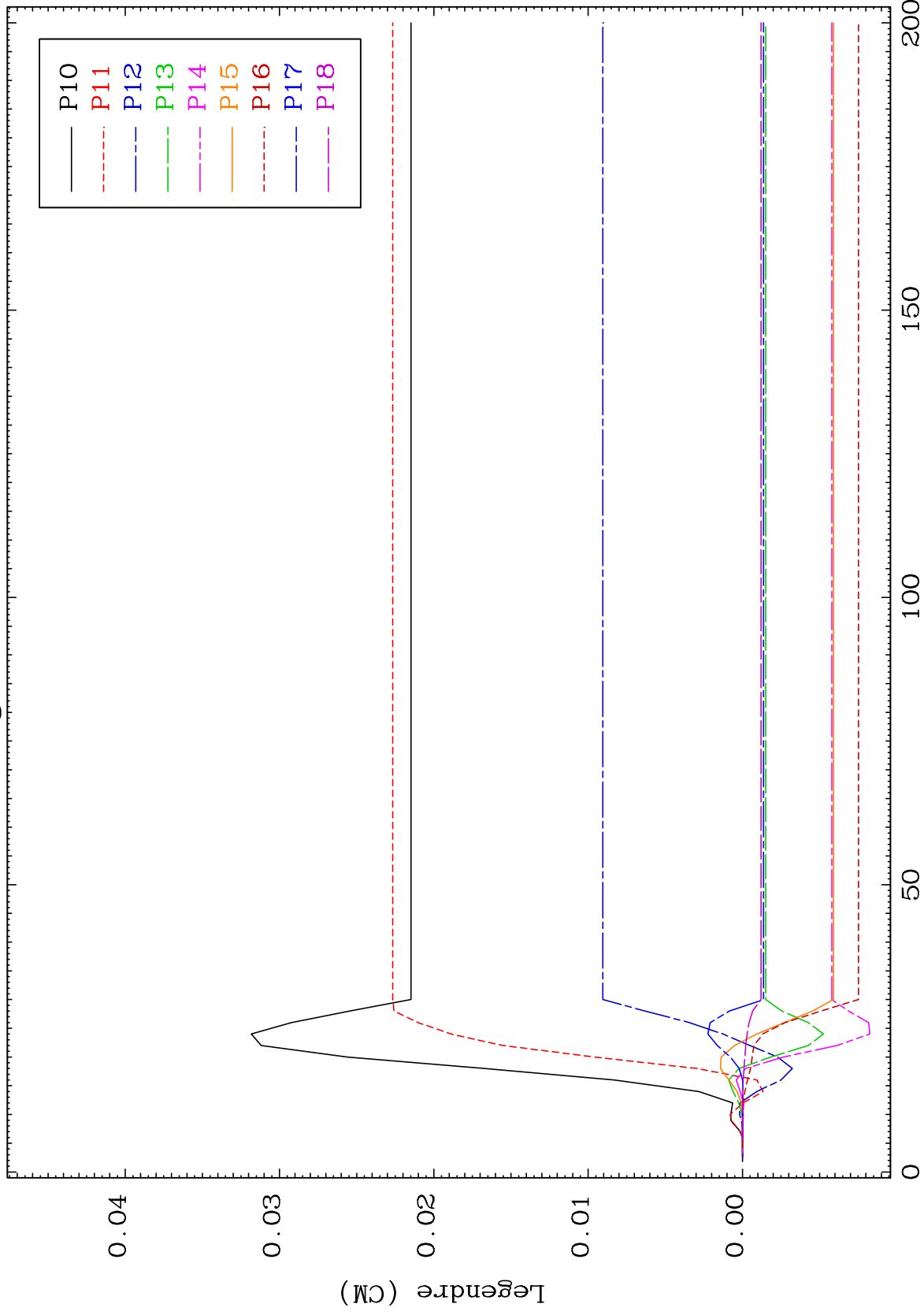
Incident Energy (MeV)

45

MAT 6855

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

68-Er-172



46

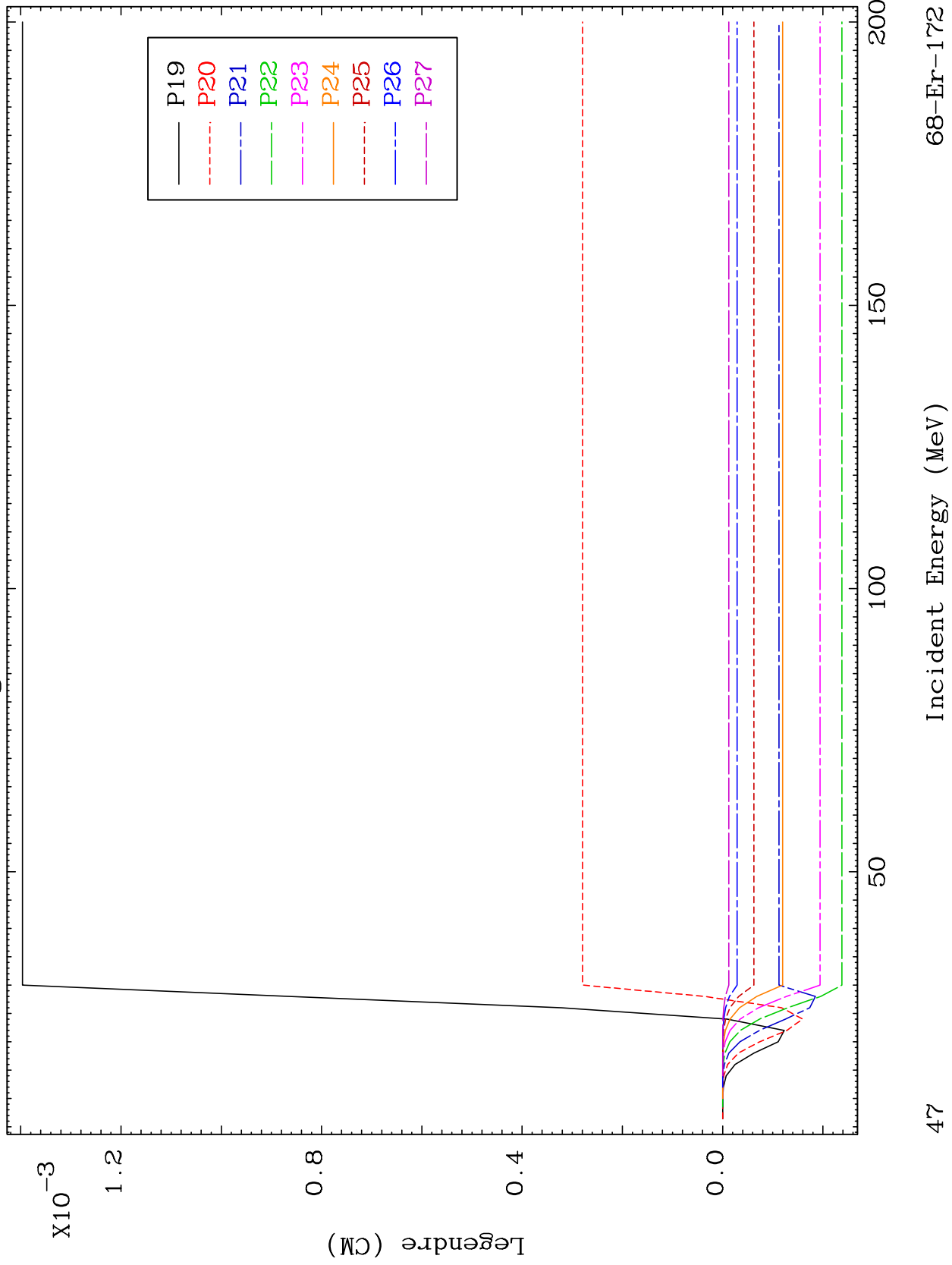
Incident Energy (MeV)

68-Er-172

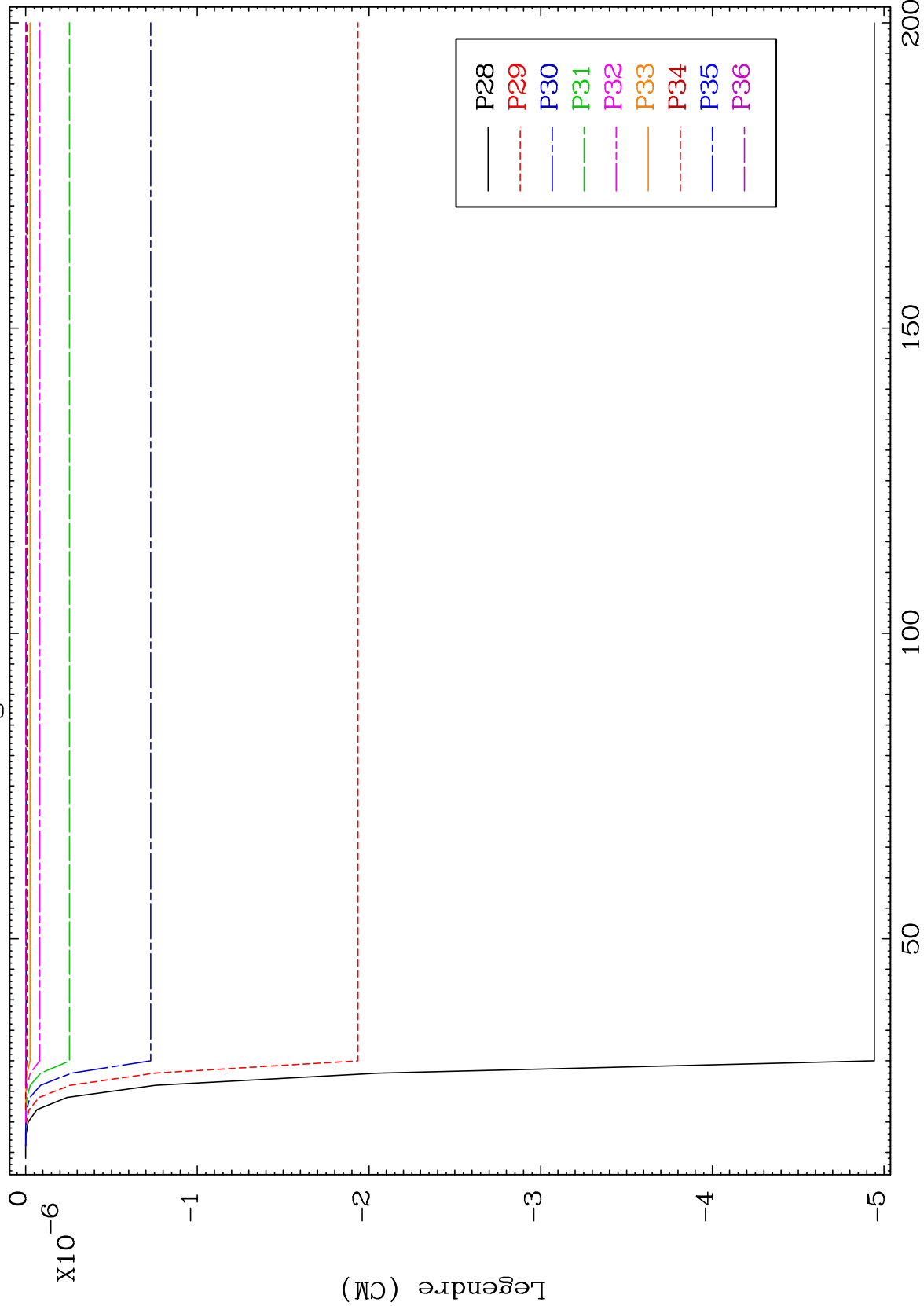
MAT 6855

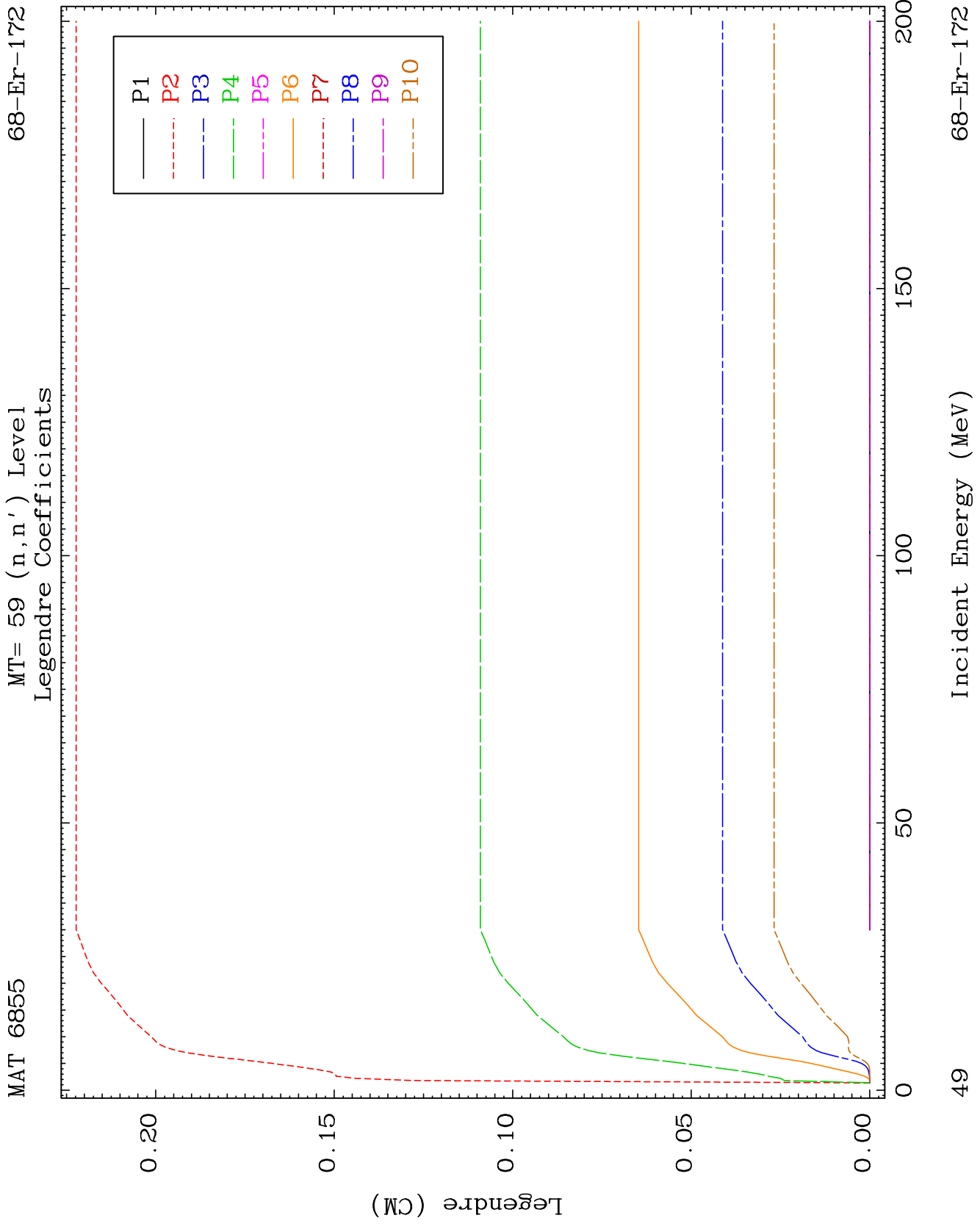
MT= 58 (n,n') Level
Legendre Coefficients

68-Er-172



Legendre Coefficients

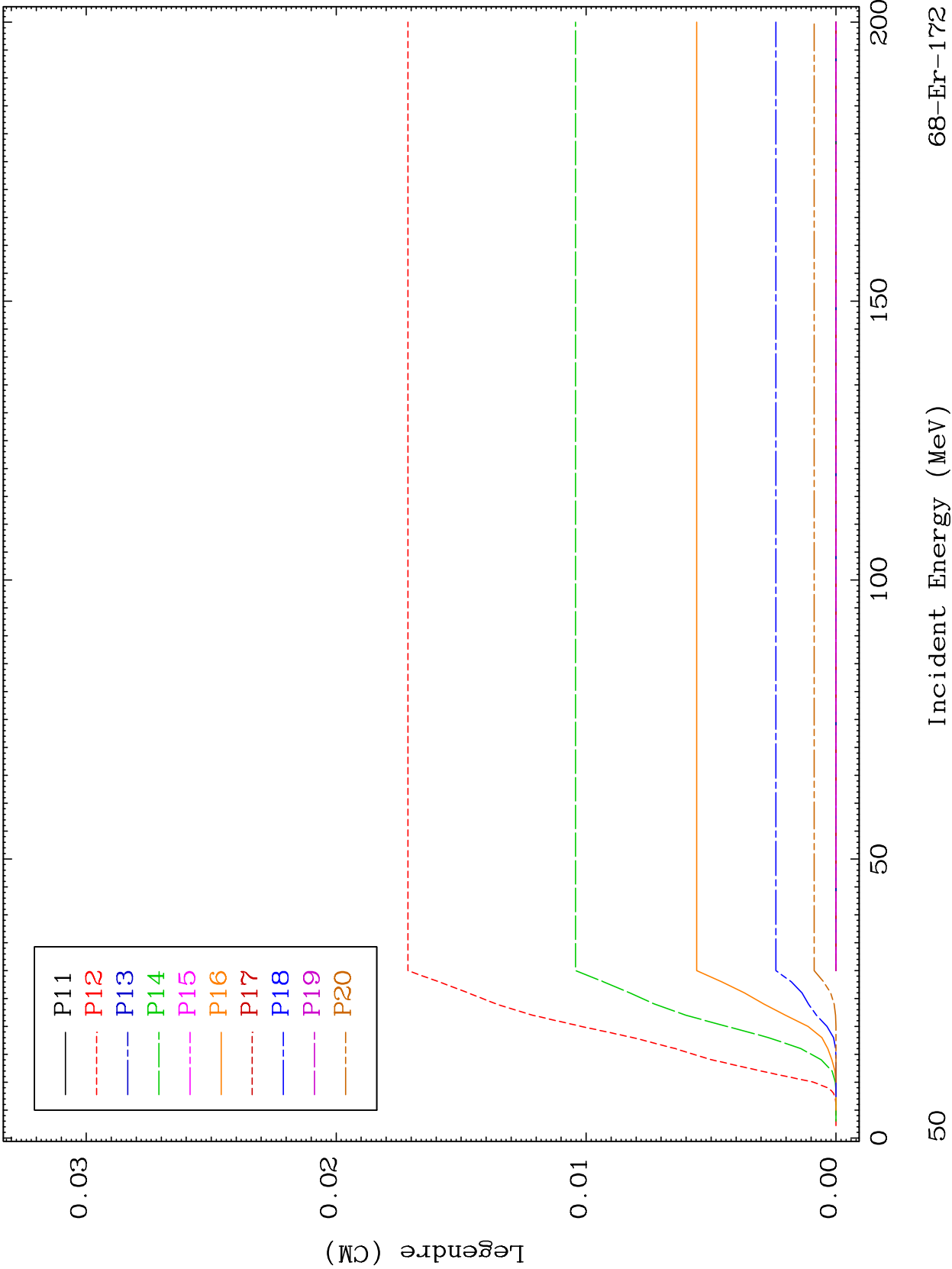




MAT 6855

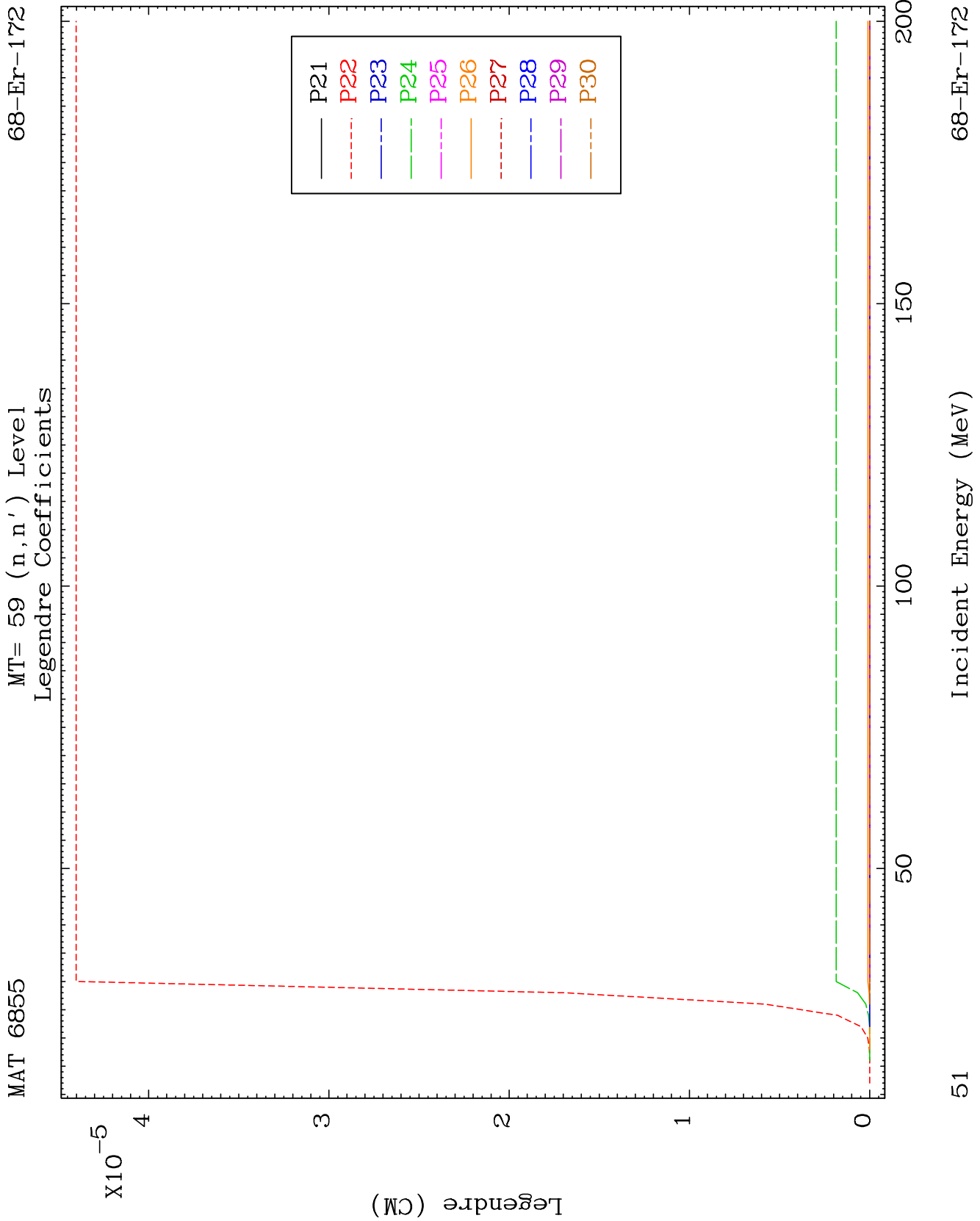
MT= 59 (n,n') Level
Legendre Coefficients

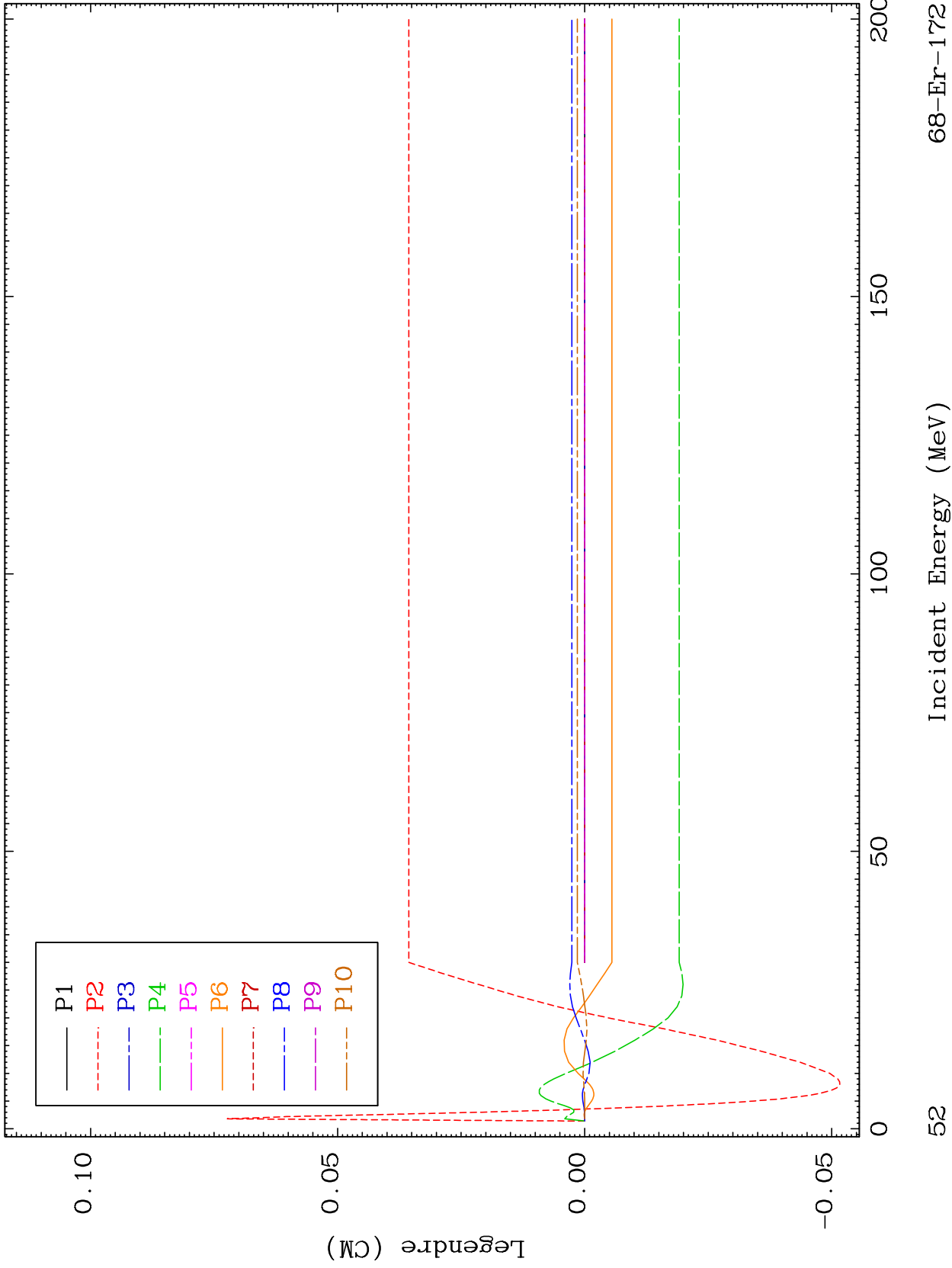
68-Er-172



68-Er-172

Incident Energy (MeV)

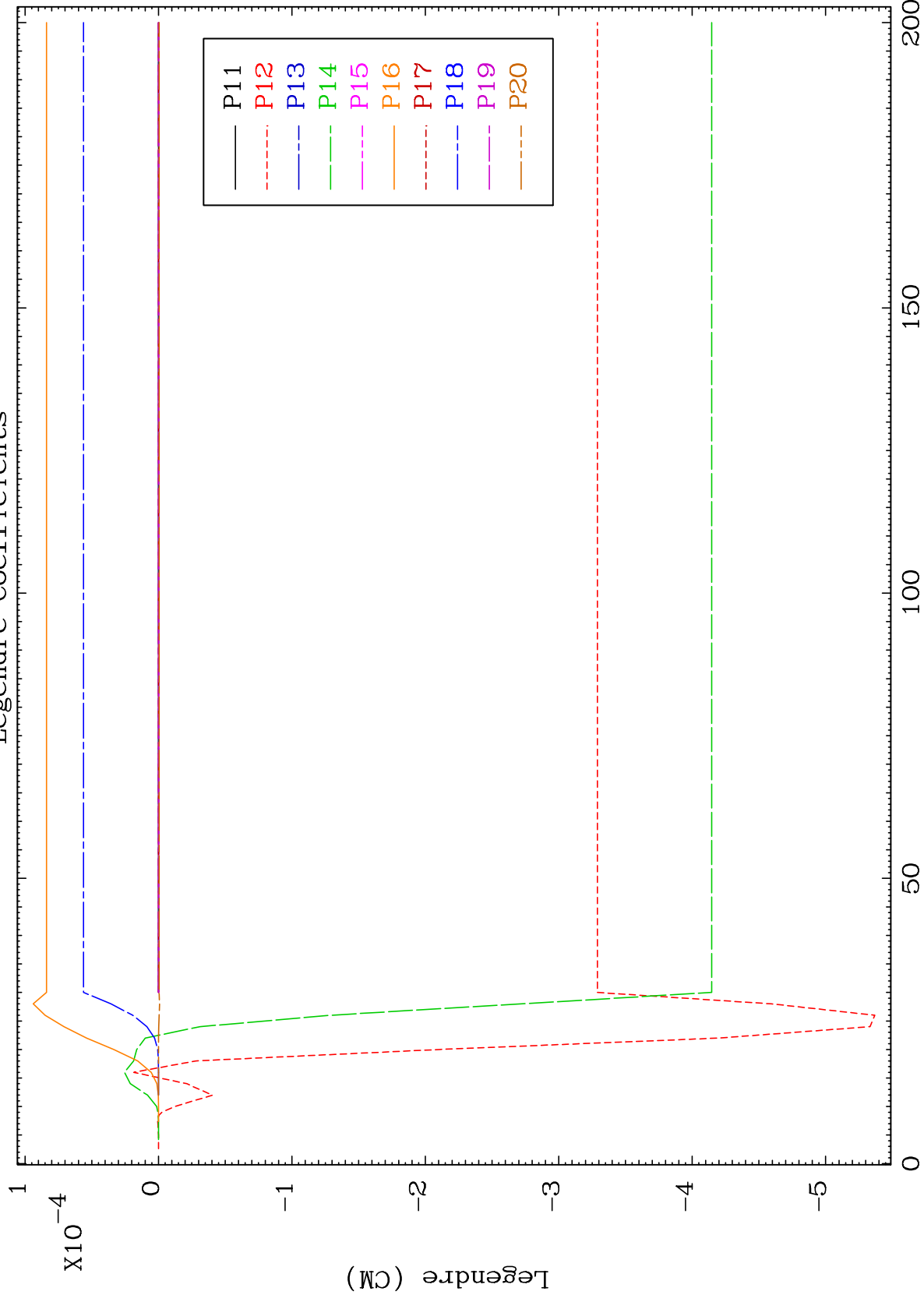




MAT 6855

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

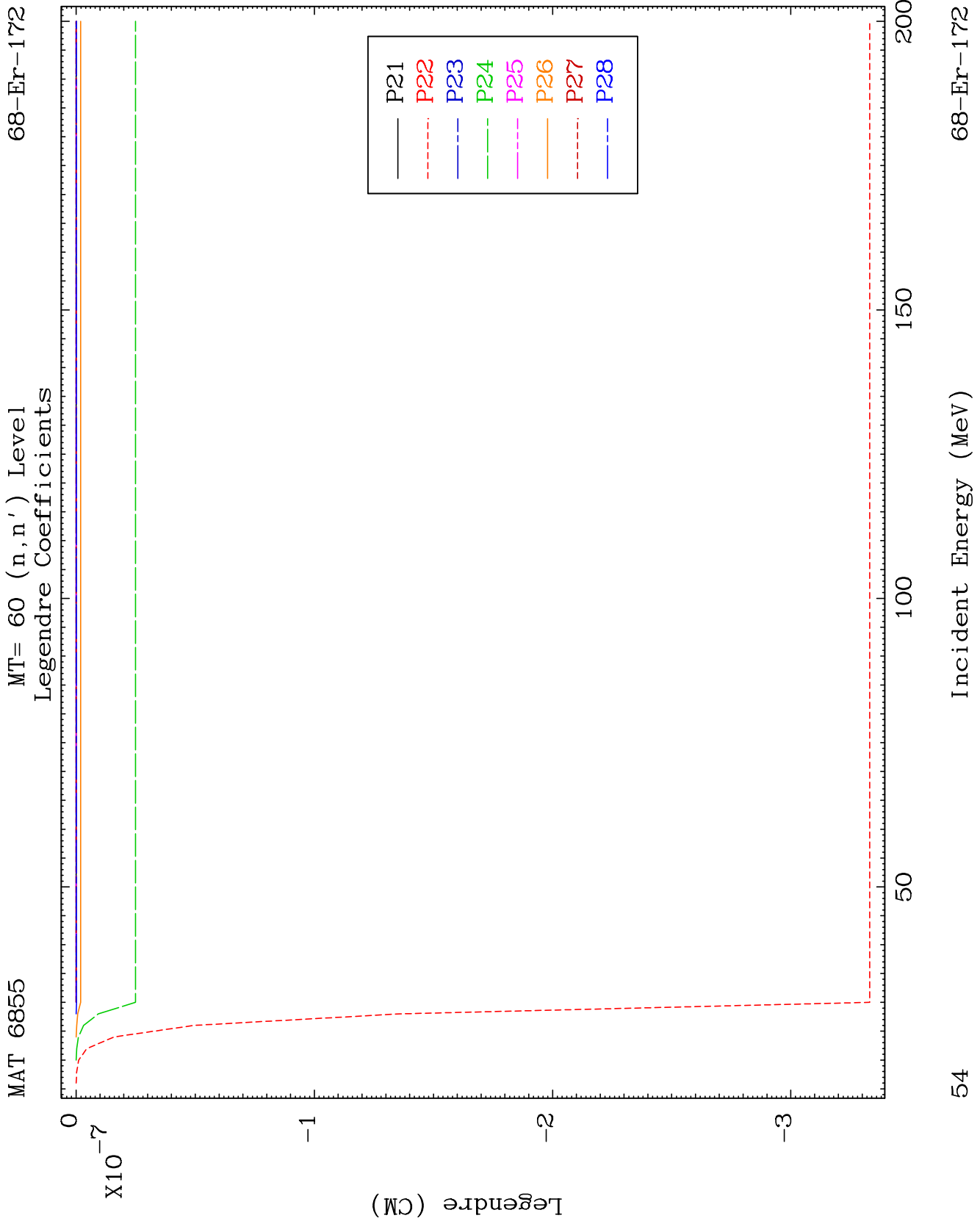
68-Er-172



53

Incident Energy (MeV)

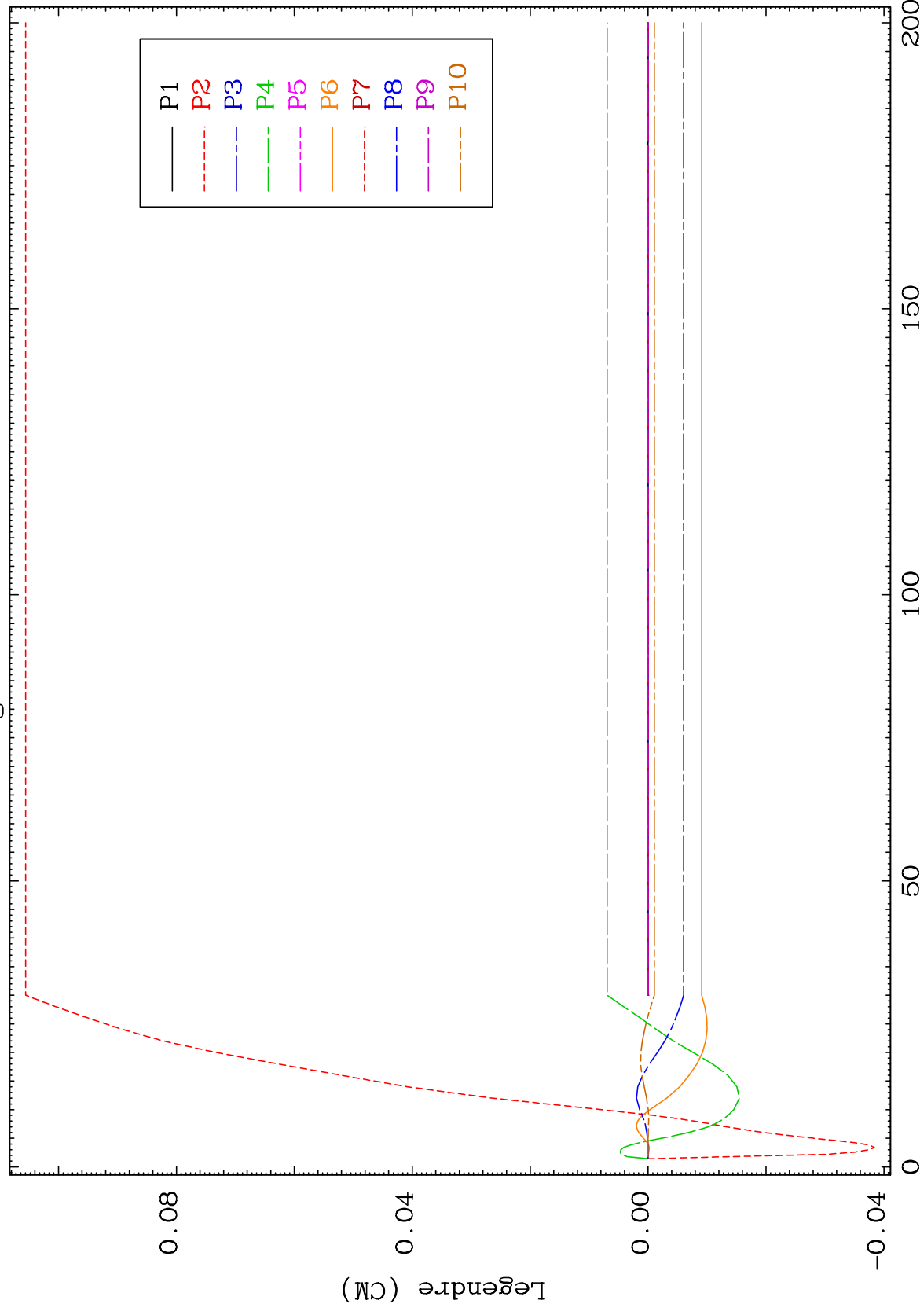
68-Er-172



MAT 6855

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

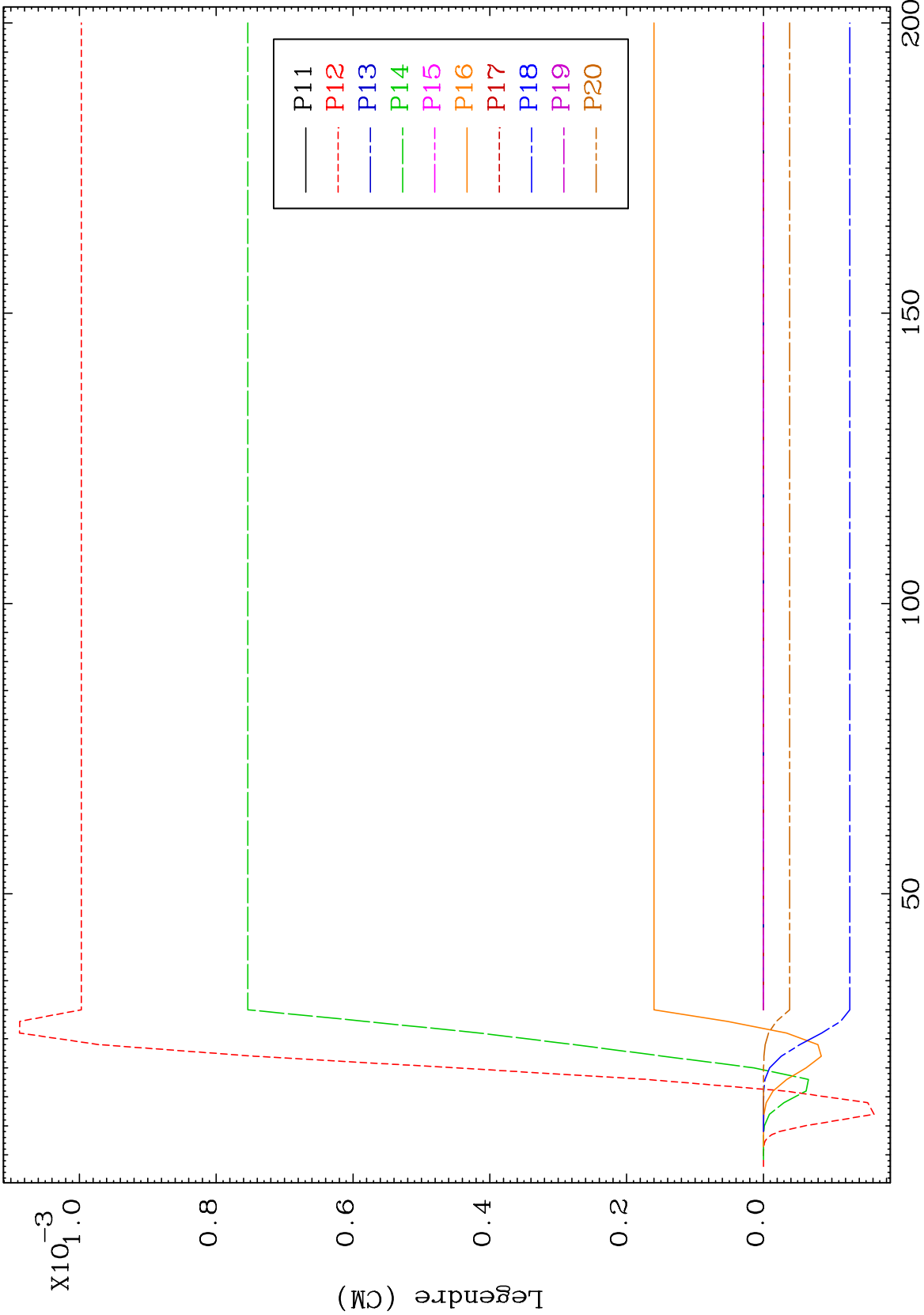
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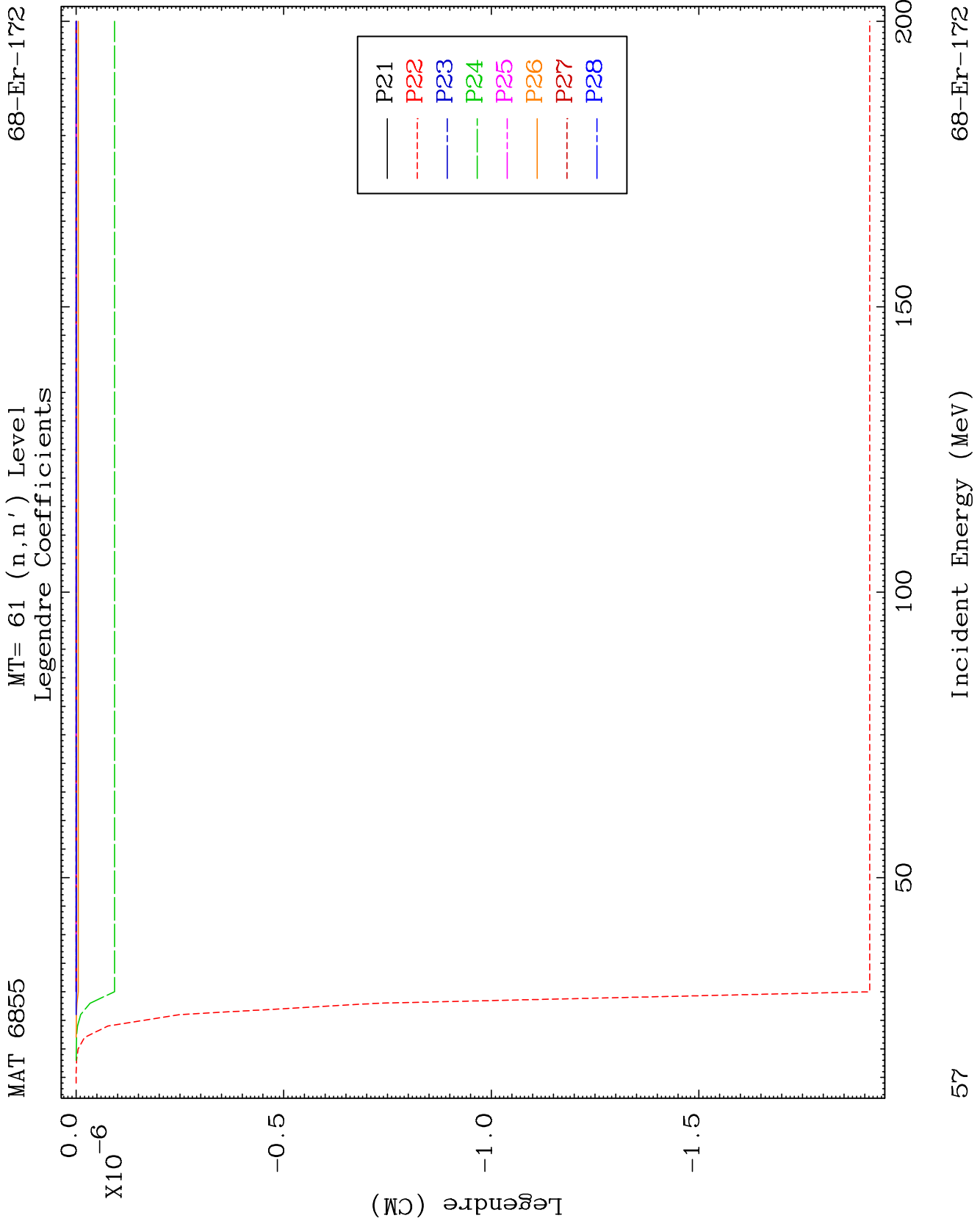


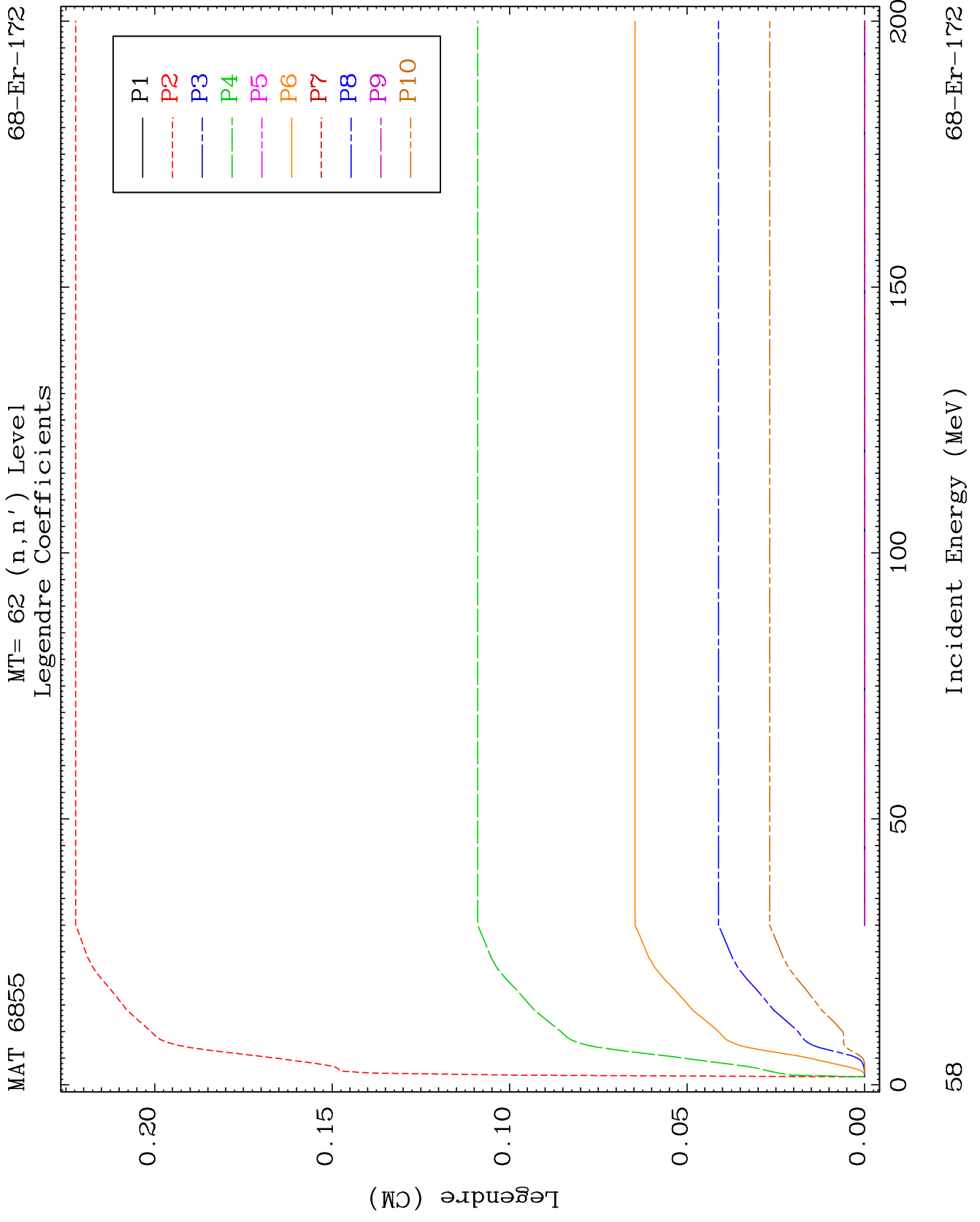
68-Er-172

Incident Energy (MeV)

55







68-Er-172

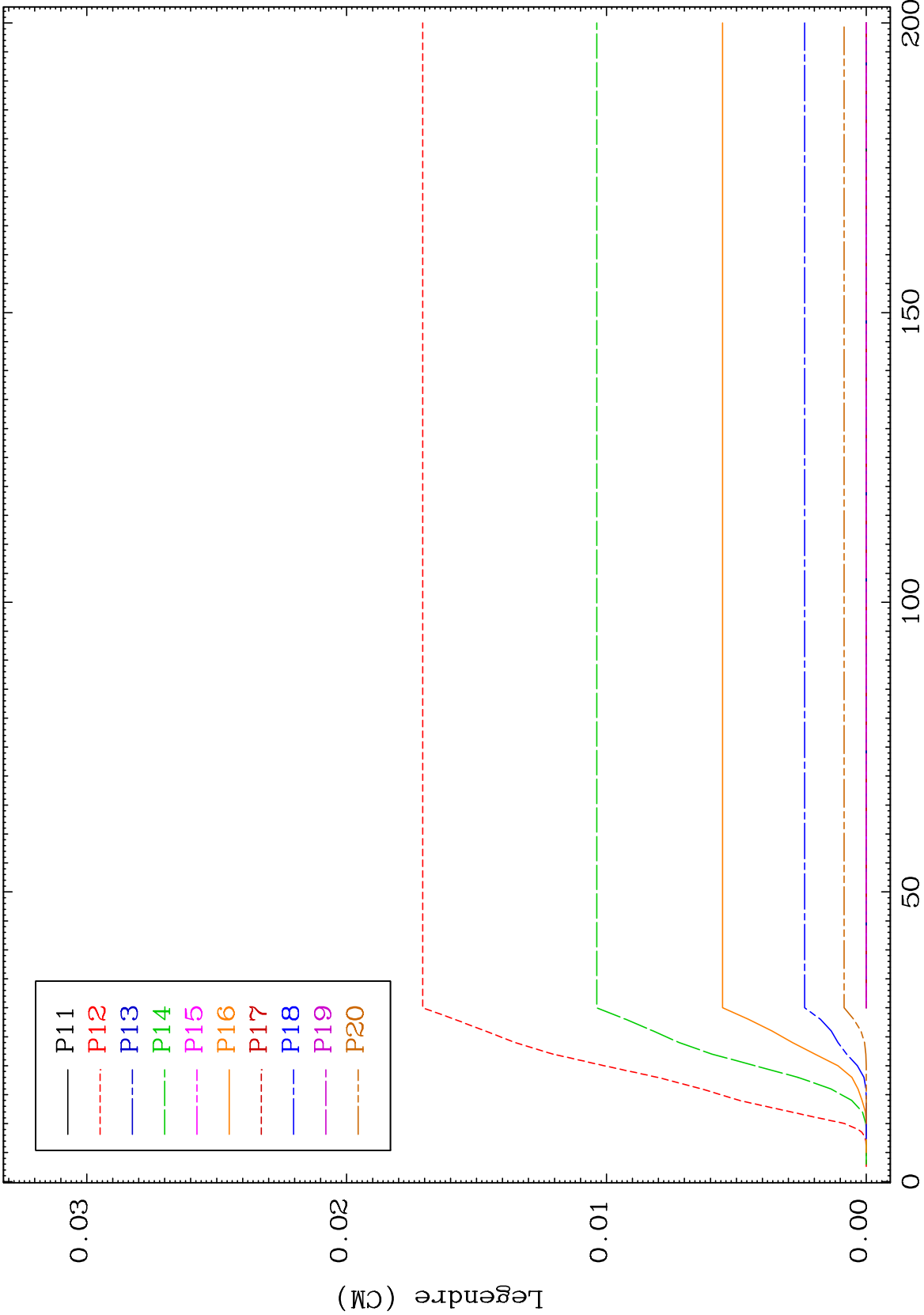
Incident Energy (MeV)

58

MAT 6855

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

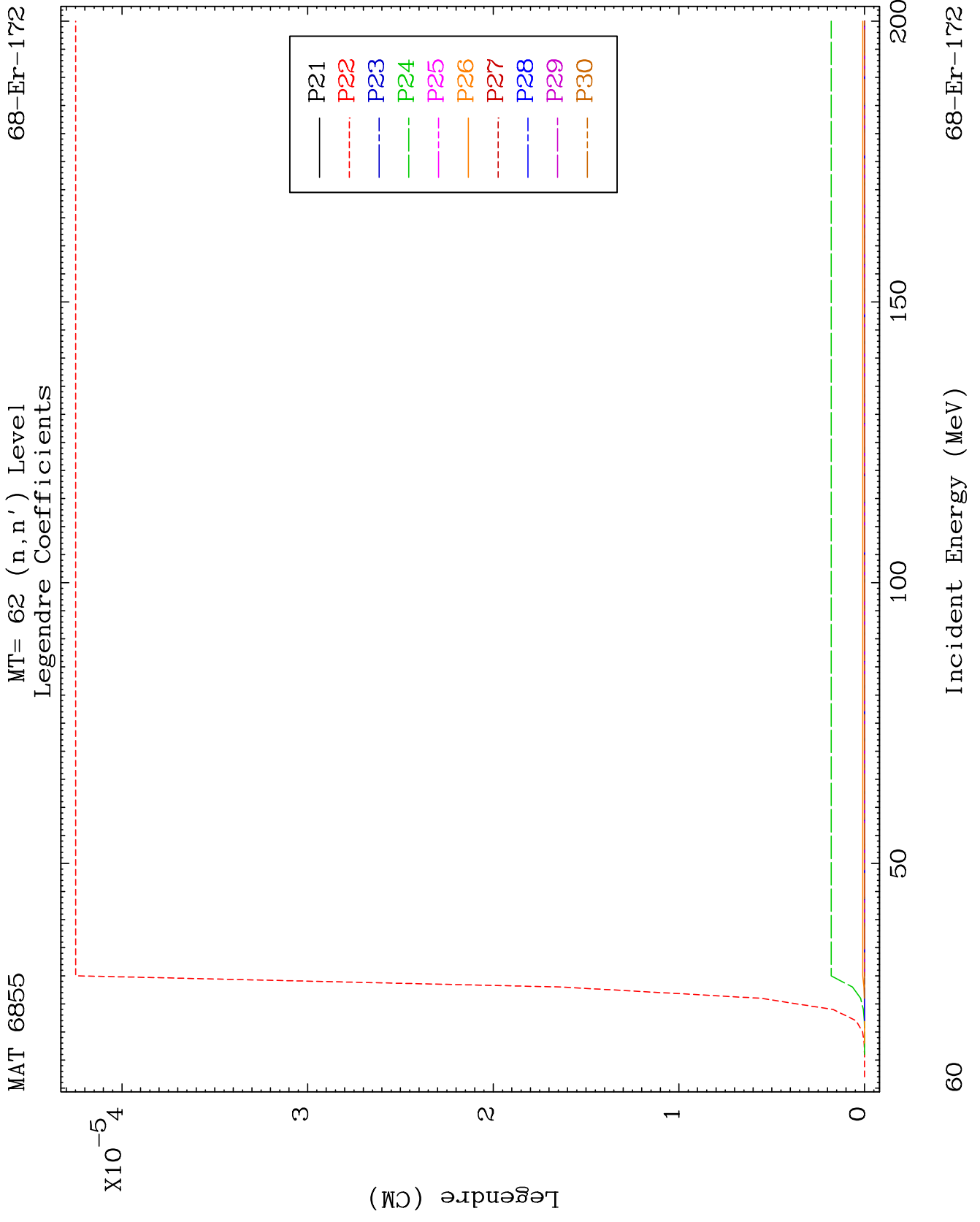
68-Er-172



59

Incident Energy (MeV)

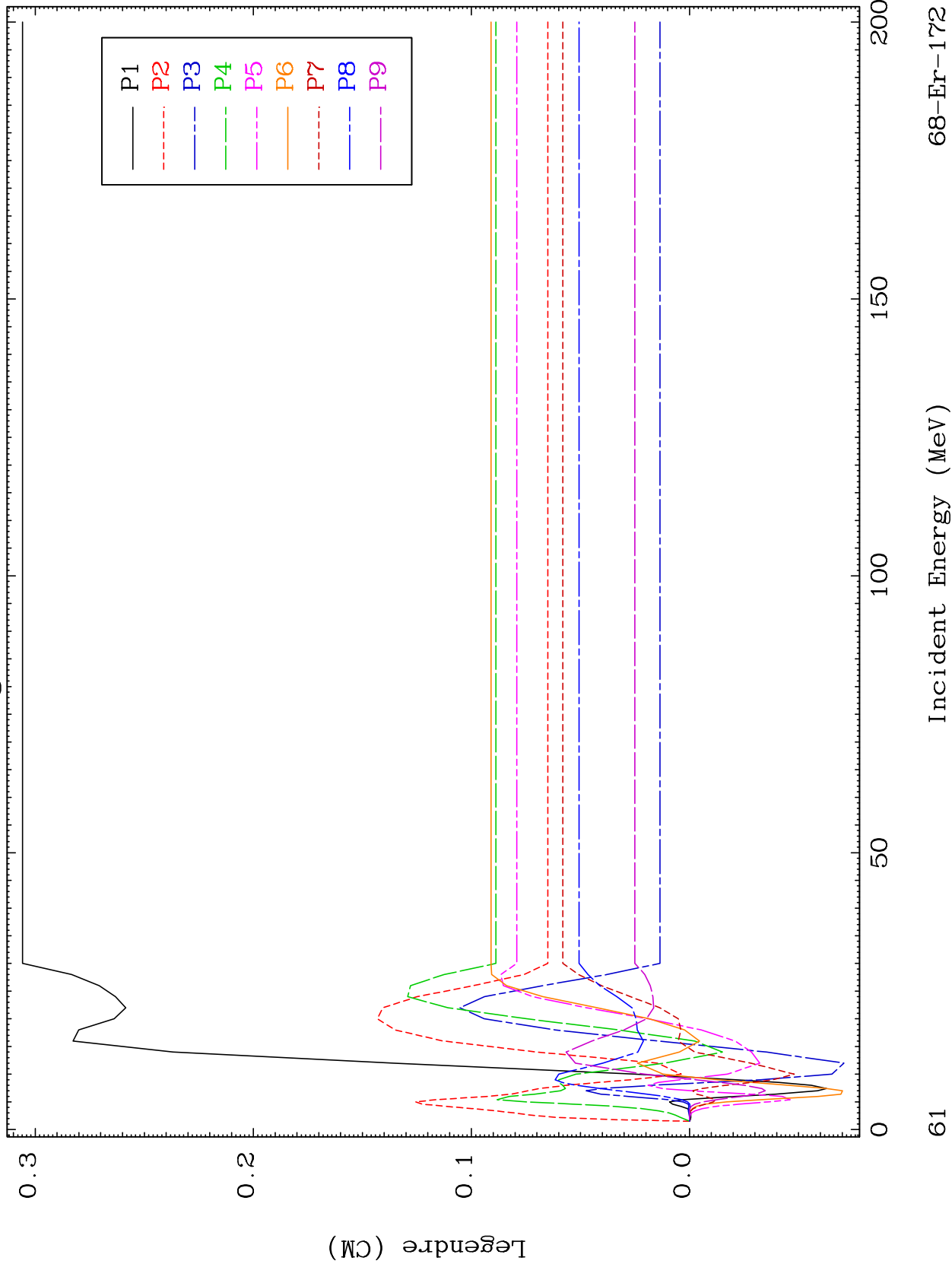
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

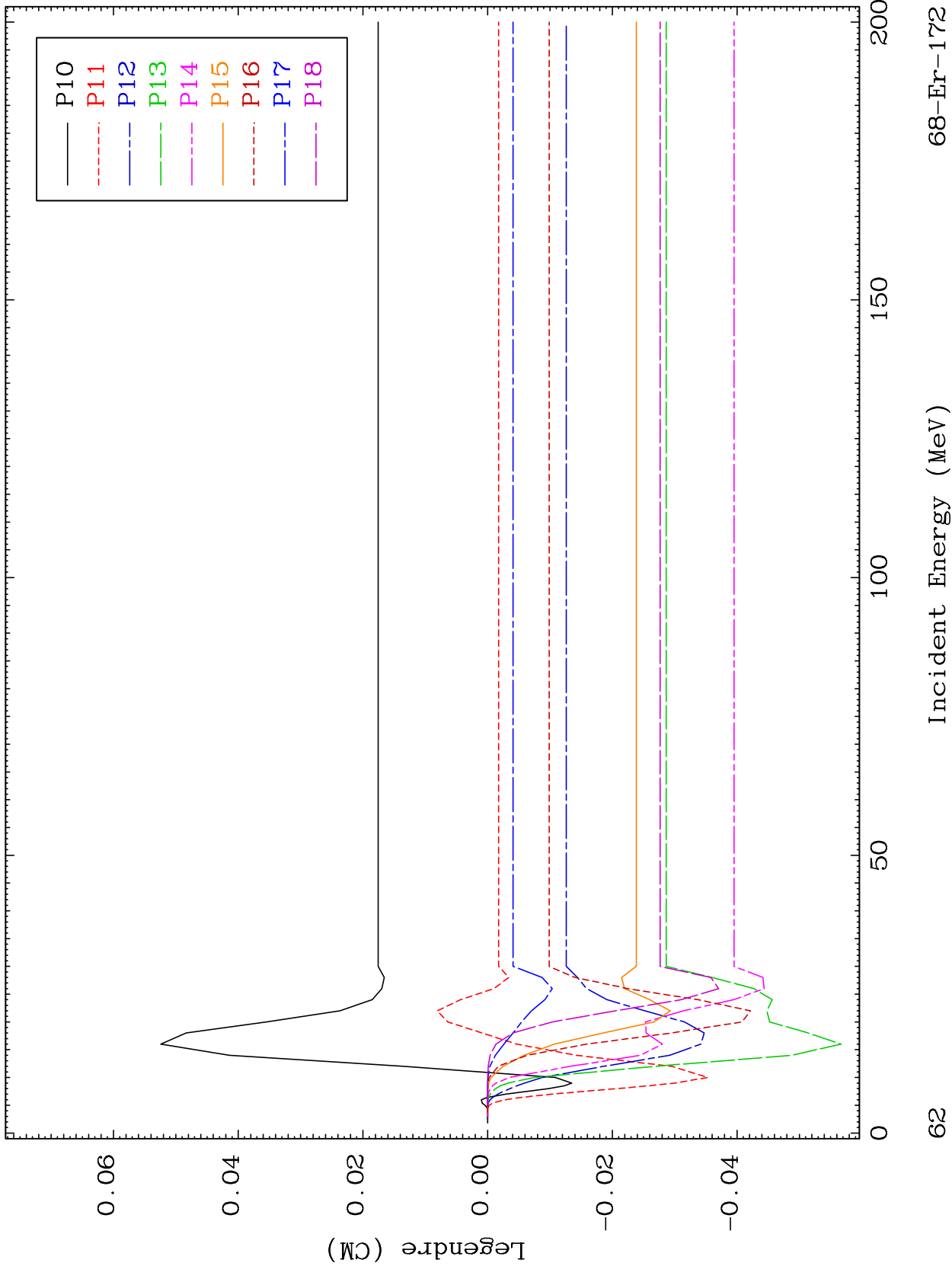
Incident Energy (MeV)

61

MAT 6855

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

68-Er-172



62

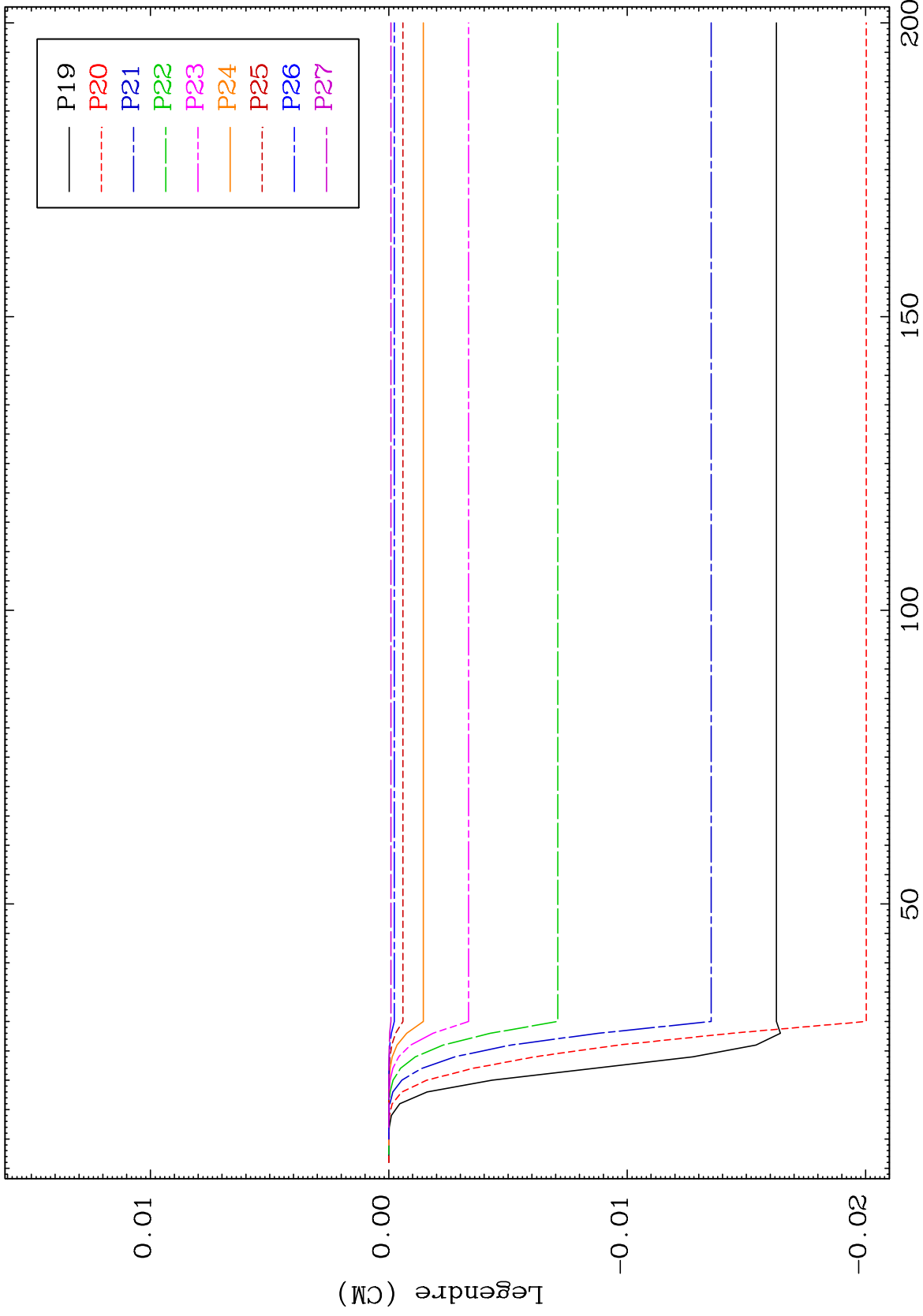
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



63

Incident Energy (MeV)

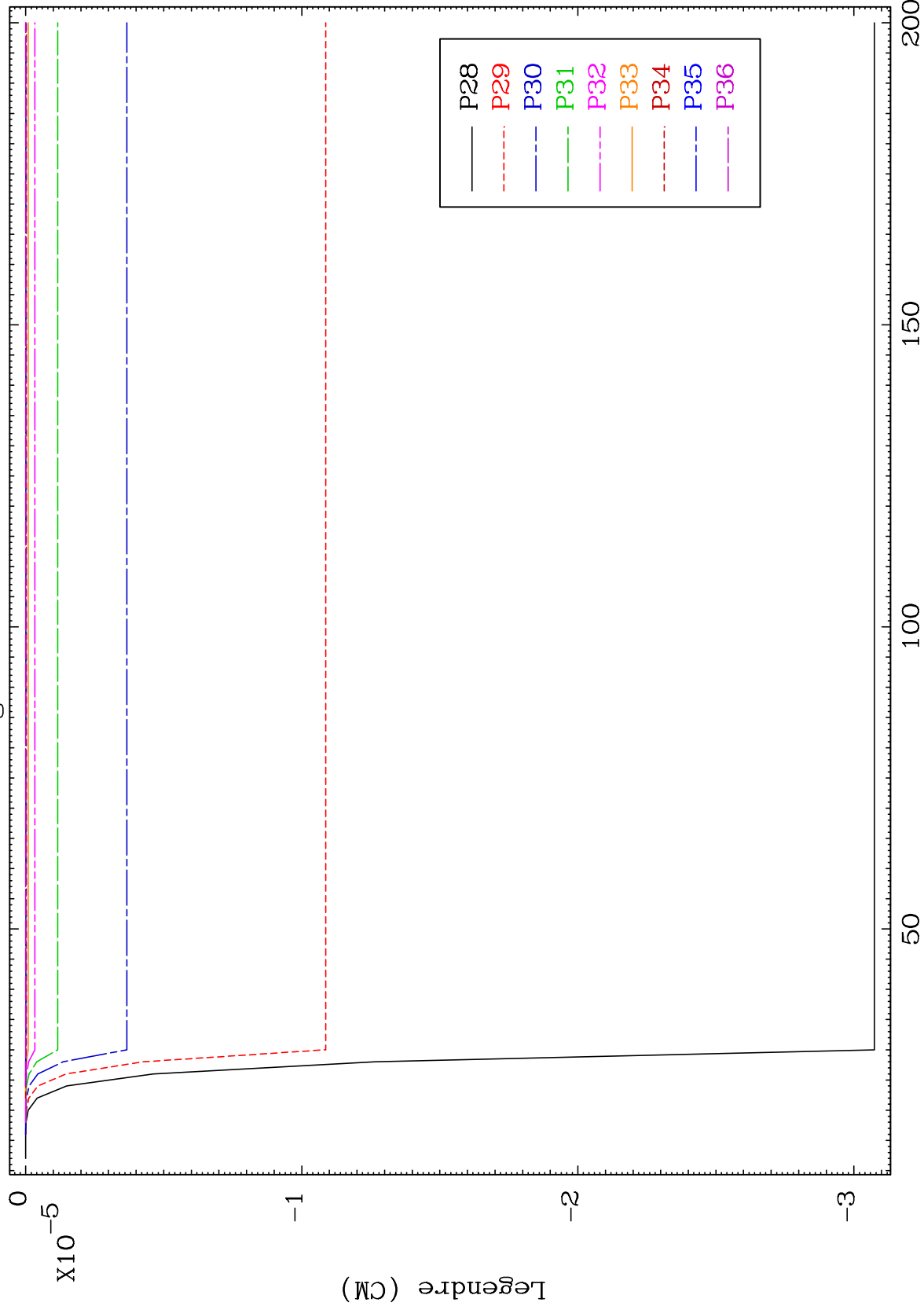
68-Er-172

MAT 6855

MT= 63 (n,n') Level

68-Er-172

Legendre Coefficients



68-Er-172

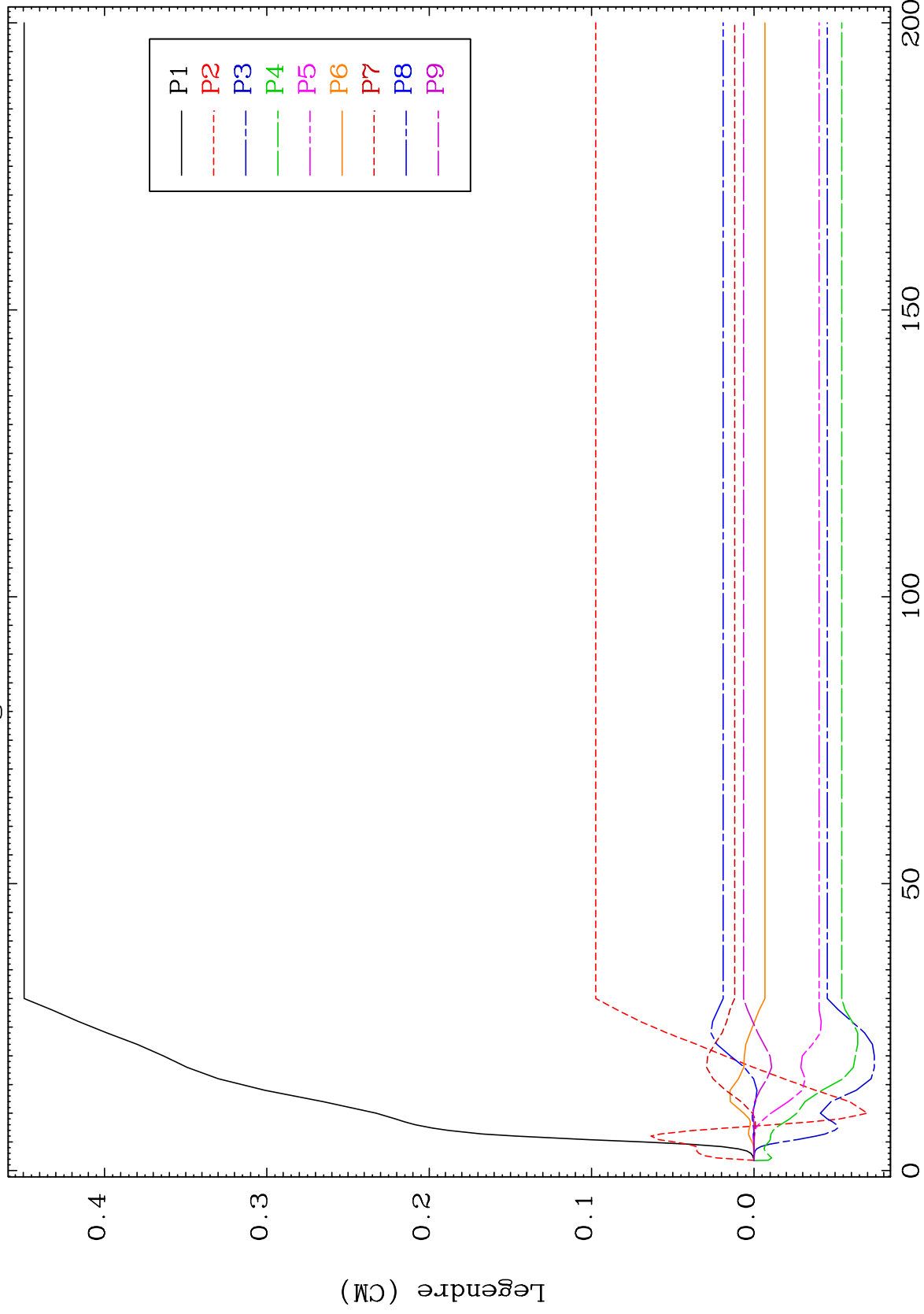
Incident Energy (MeV)

64

MAT 6855

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

68-Er-172



68-Er-172

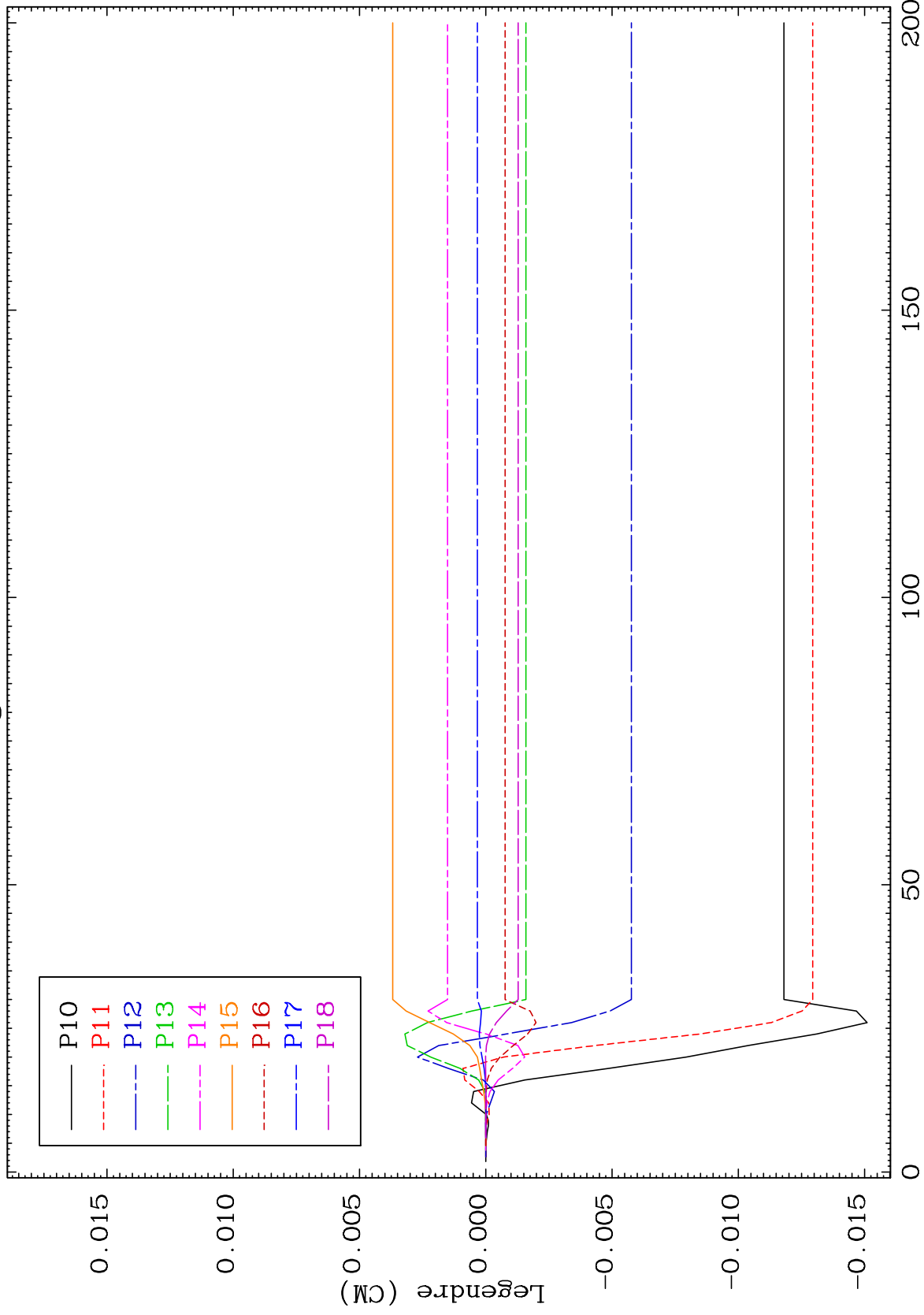
Incident Energy (MeV)

65

MAT 6855

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

68-Er-172



66

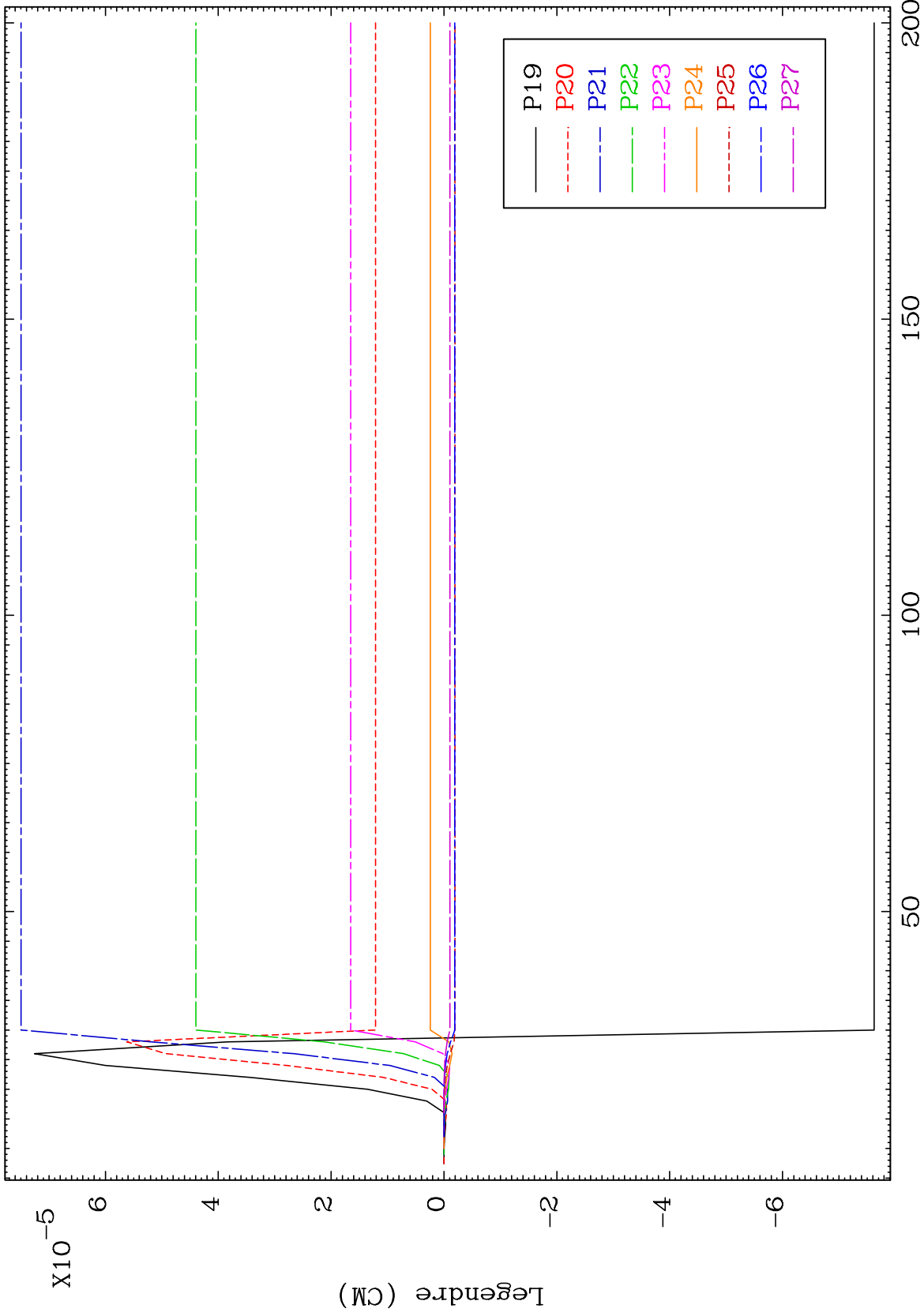
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



67

Incident Energy (MeV)

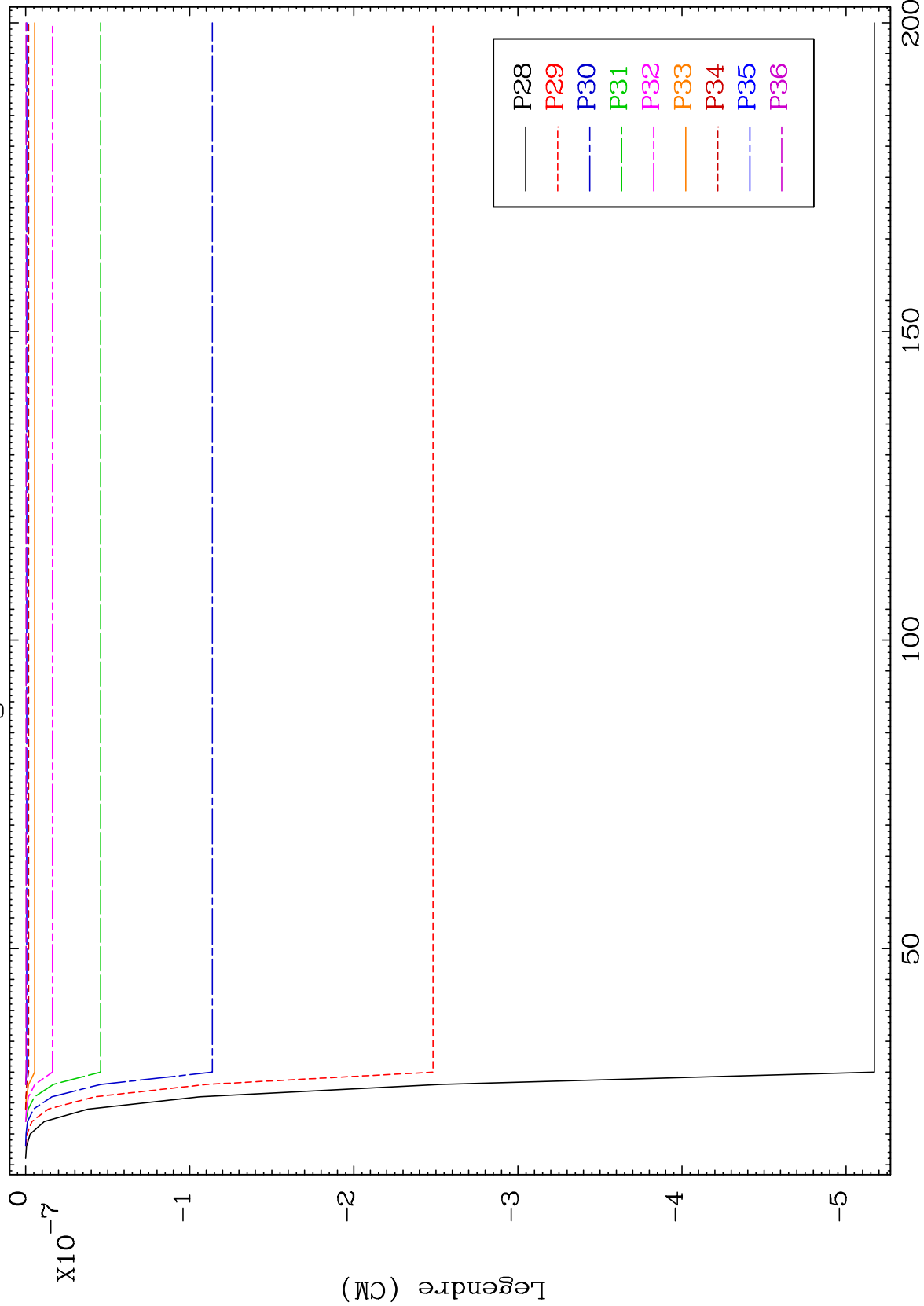
68-Er-172

MAT 6855

MT= 64 (n,n') Level

68-Er-172

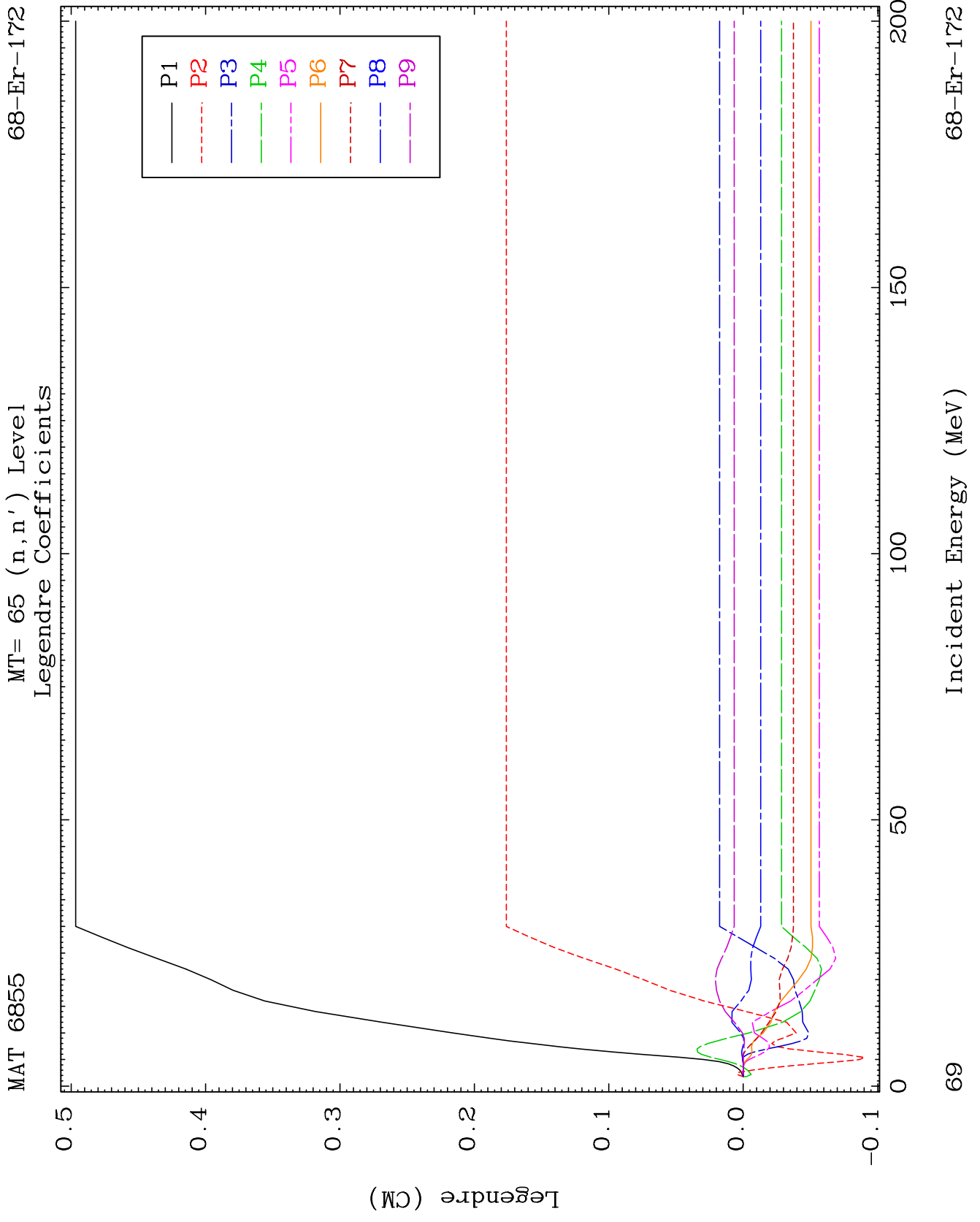
Legendre Coefficients



68

Incident Energy (MeV)

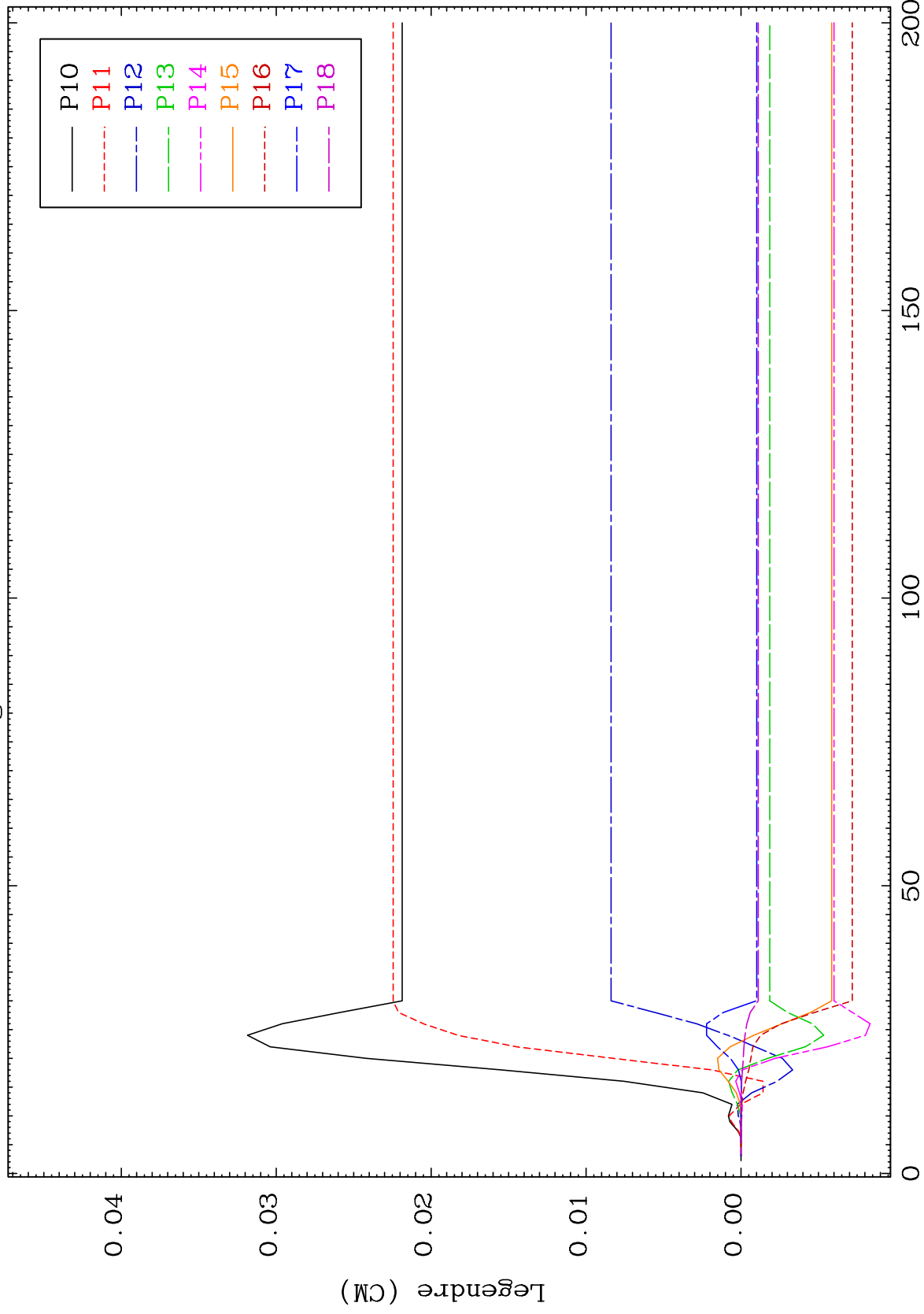
68-Er-172



MAT 6855

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

68-Er-172



70

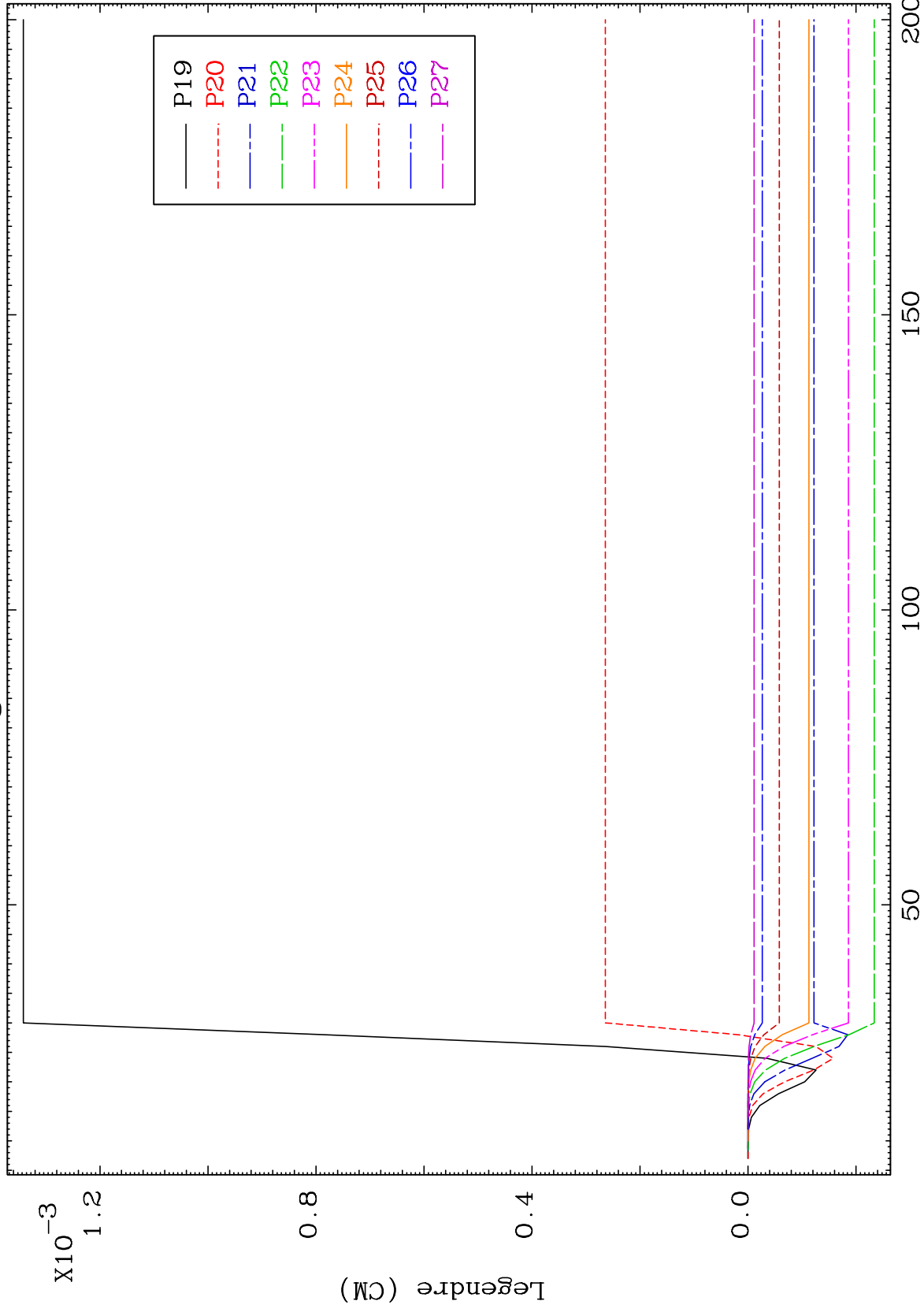
Incident Energy (MeV)

68-Er-172

MAT 6855

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

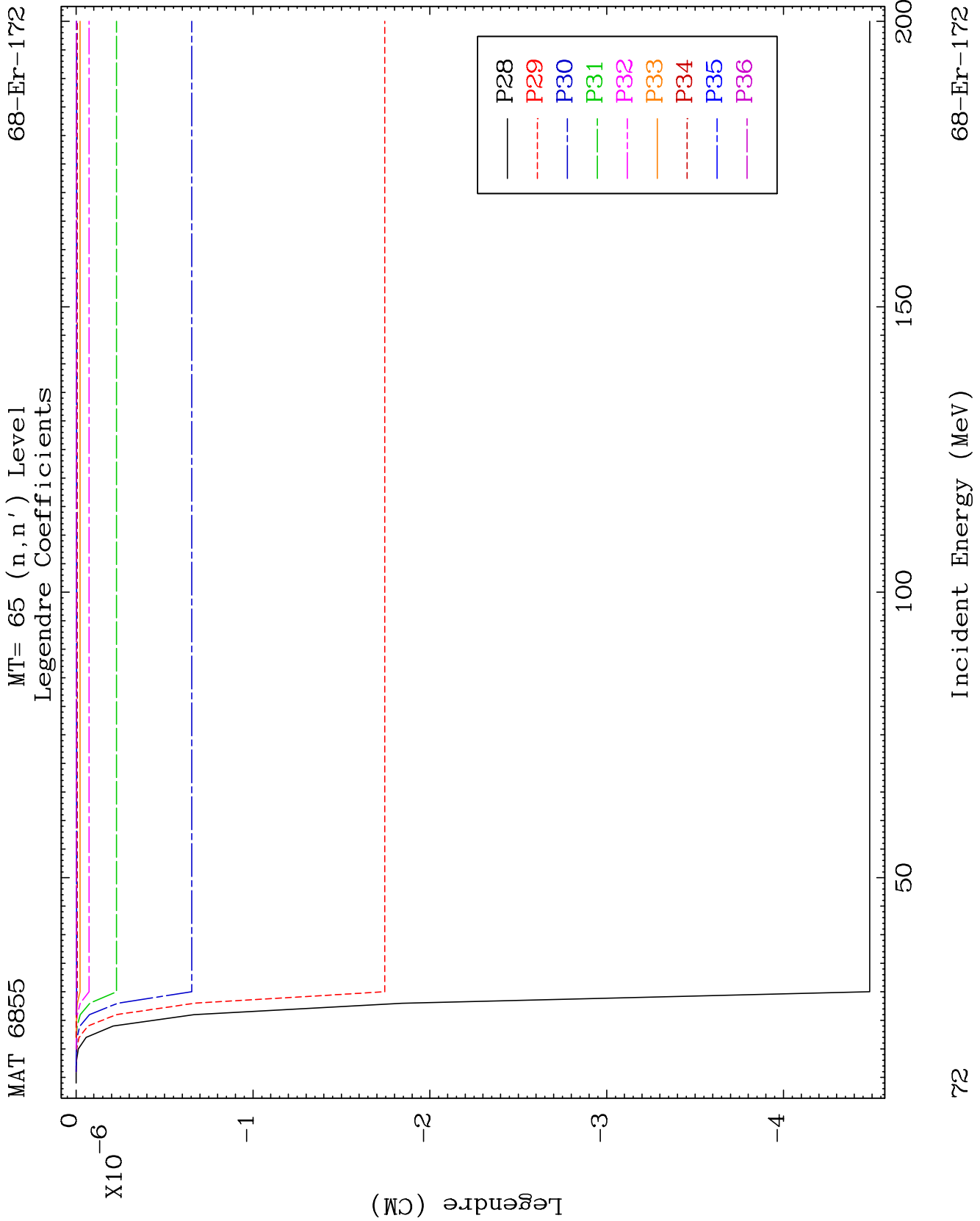
68-Er-172



71

Incident Energy (MeV)

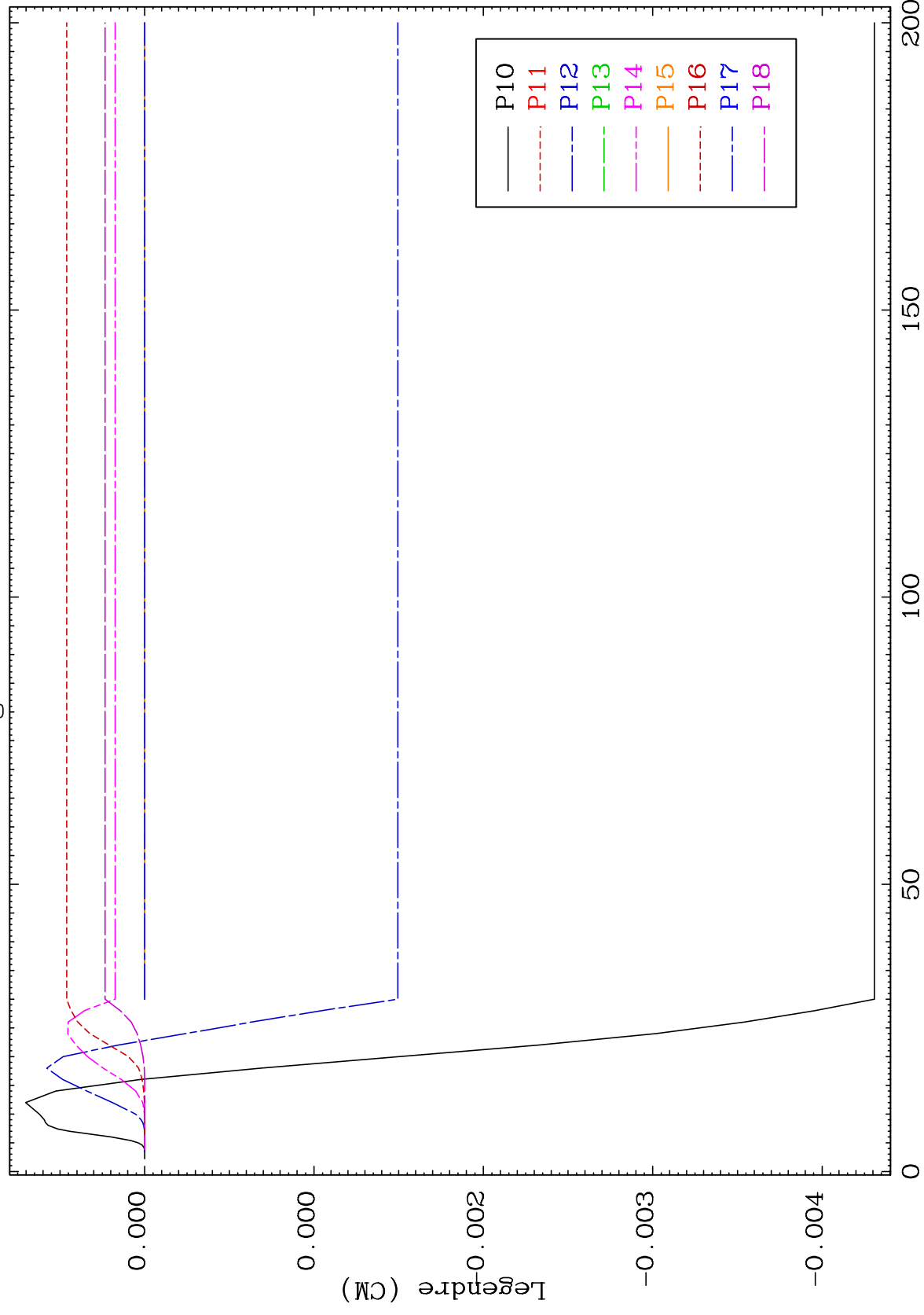
68-Er-172



MAT 6855

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

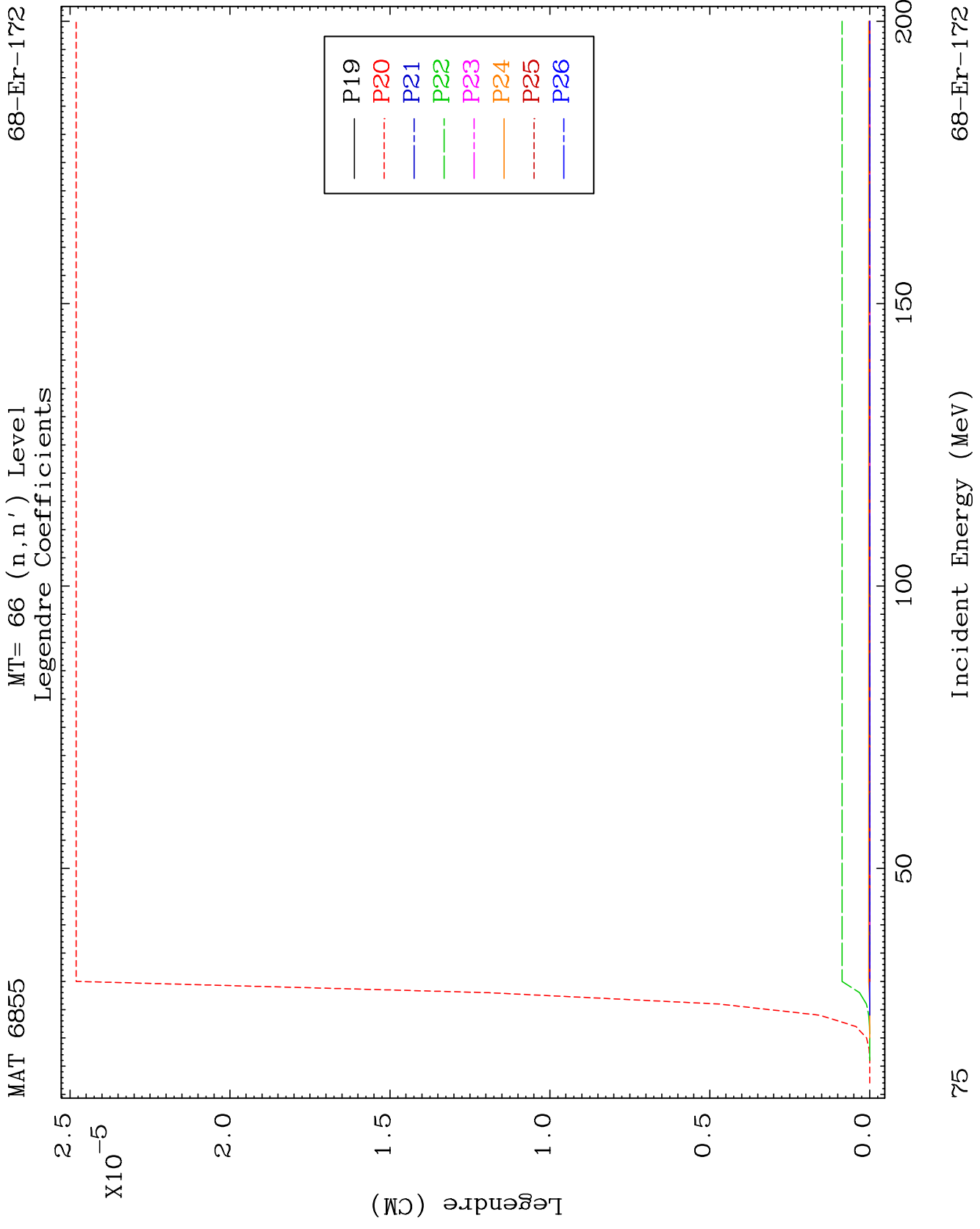
68-Er-172

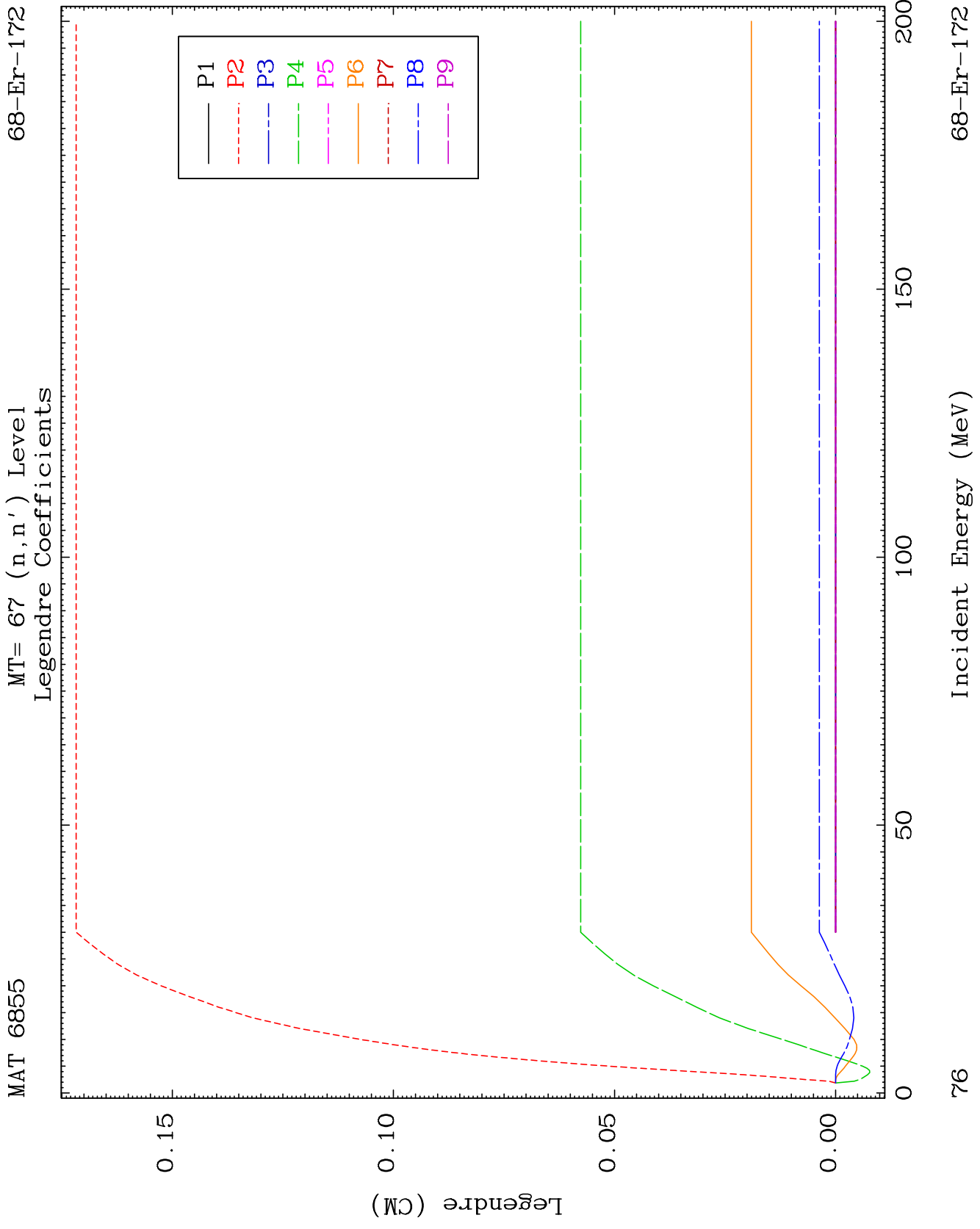


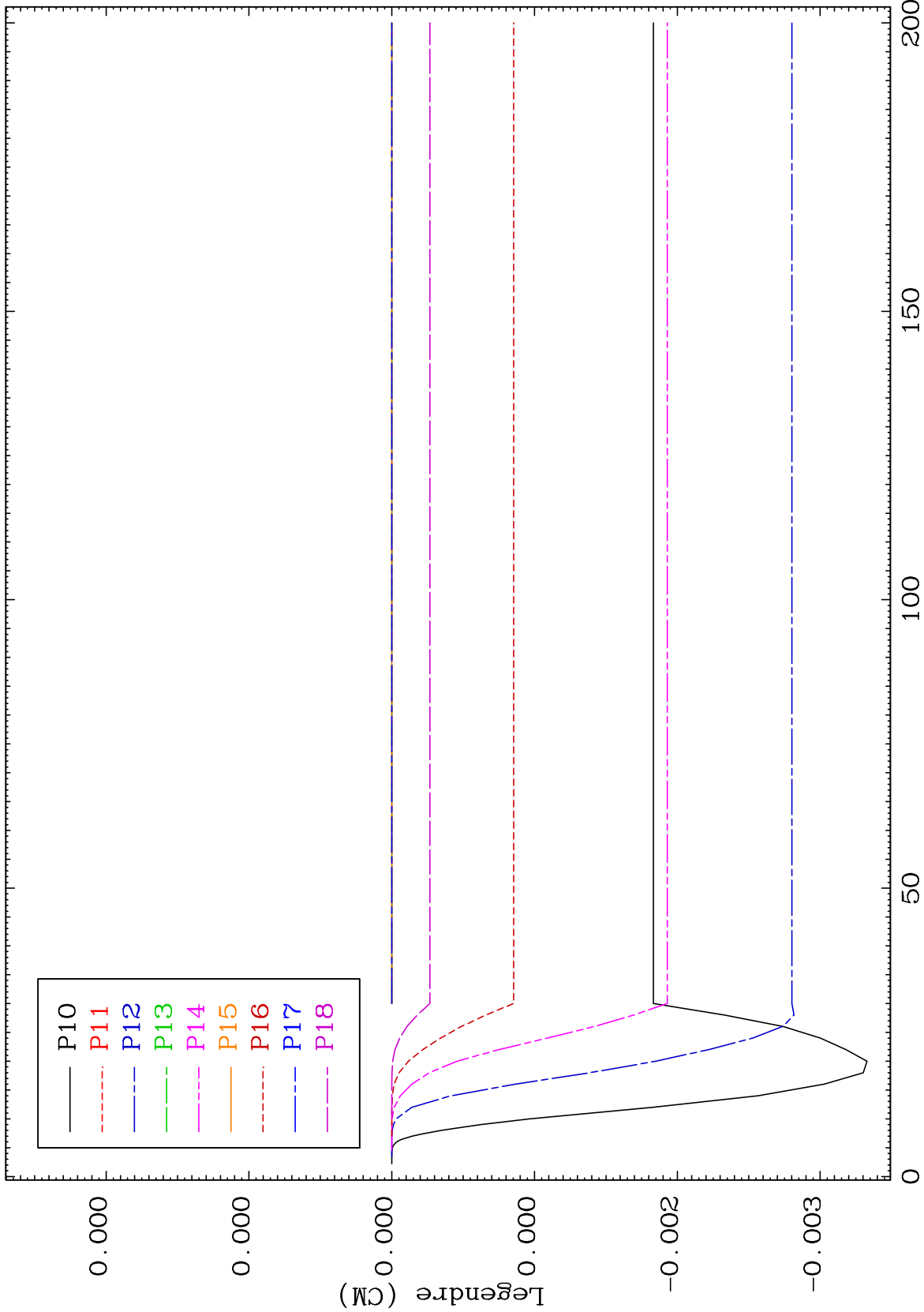
74

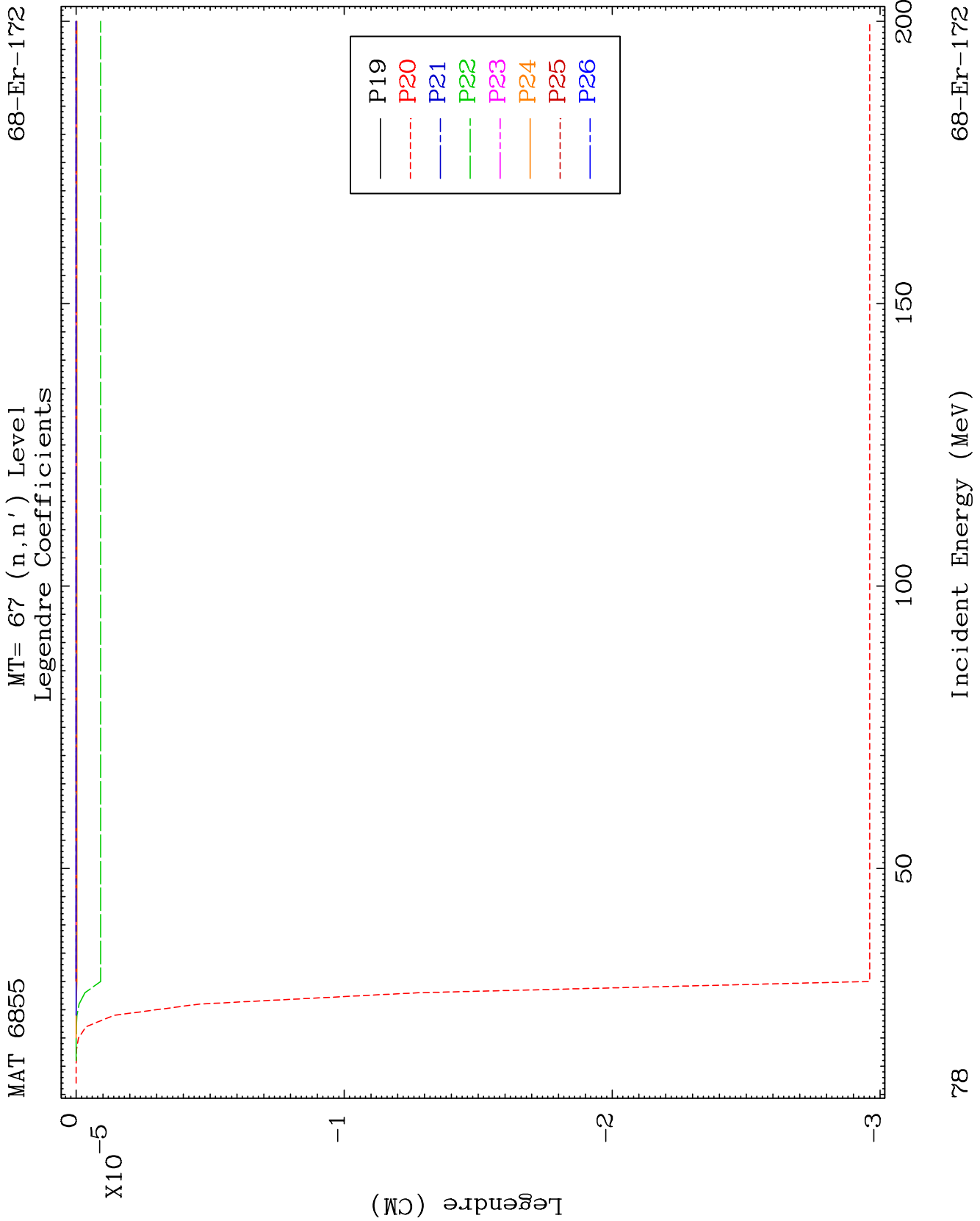
Incident Energy (MeV)

68-Er-172





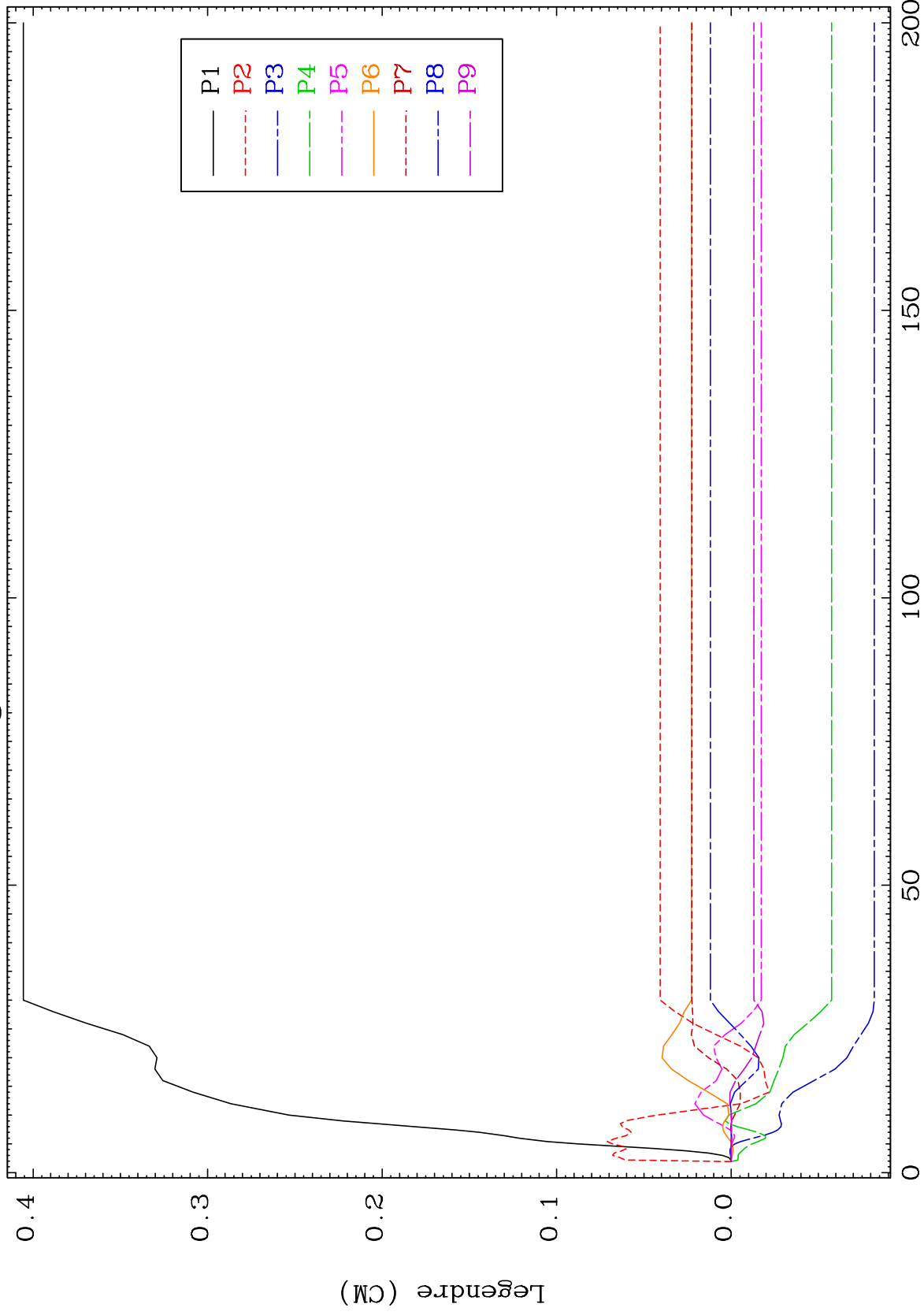




MAT 6855

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

68-Er-172



79

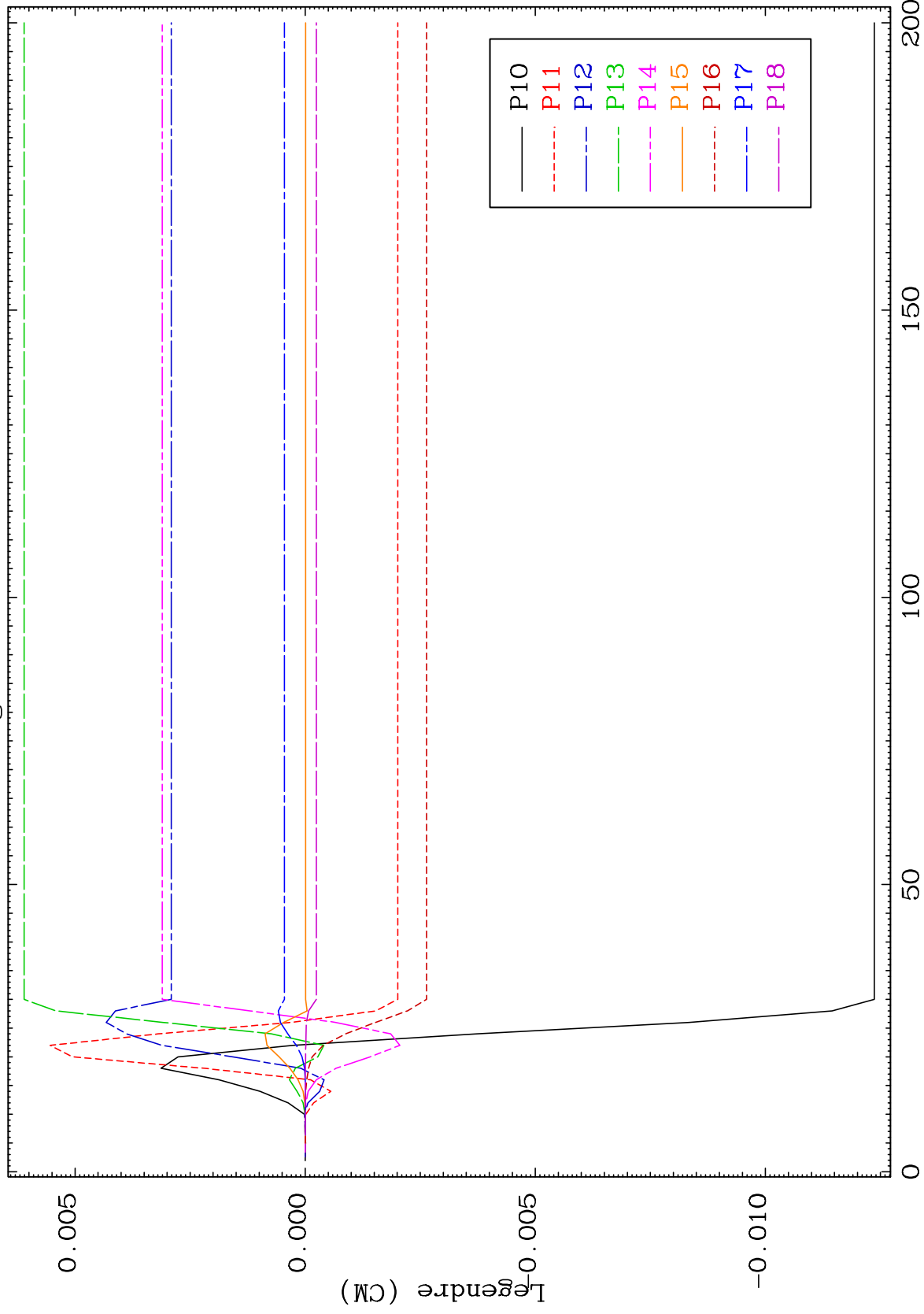
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



80

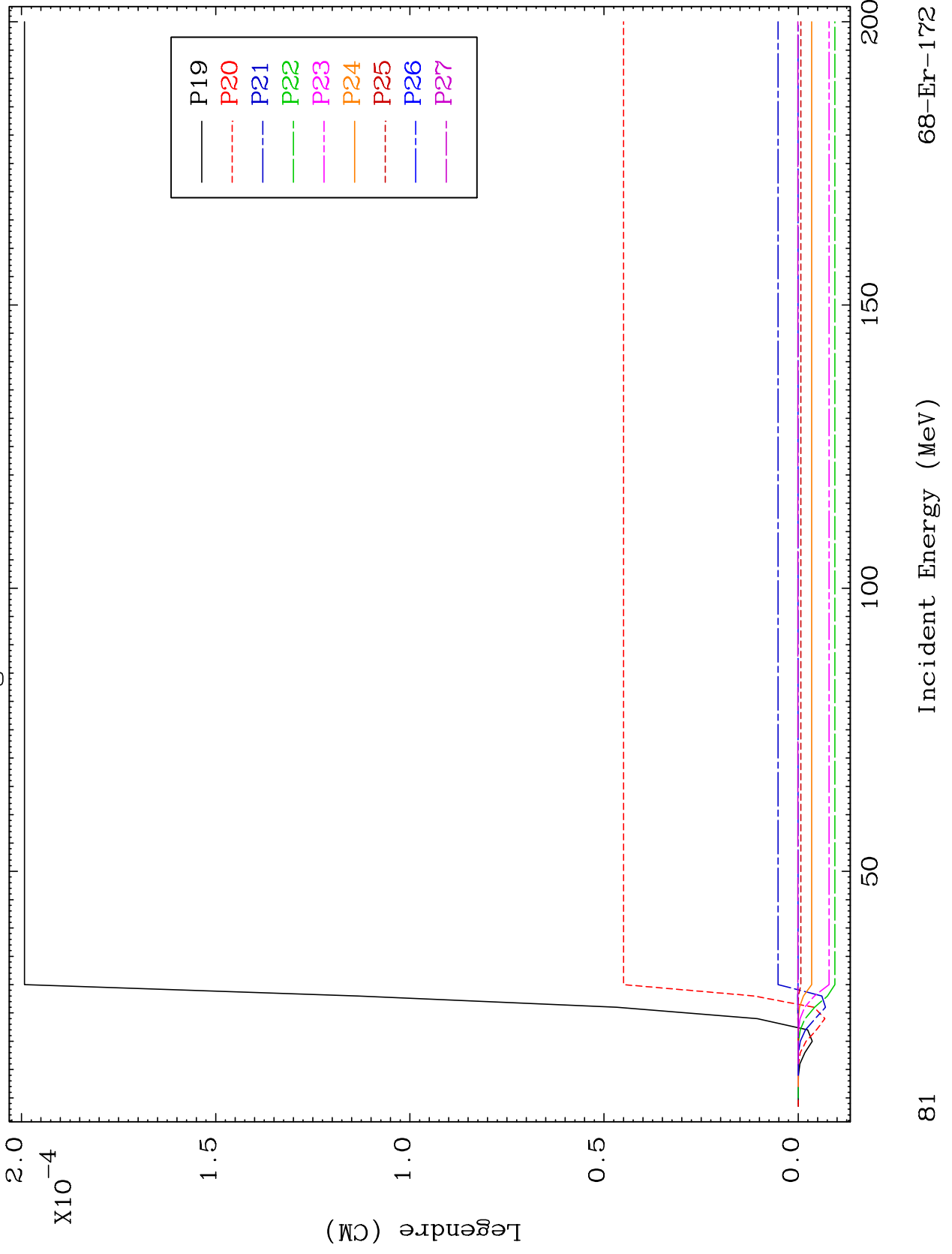
Incident Energy (MeV)

68-Er-172

MAT 6855

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

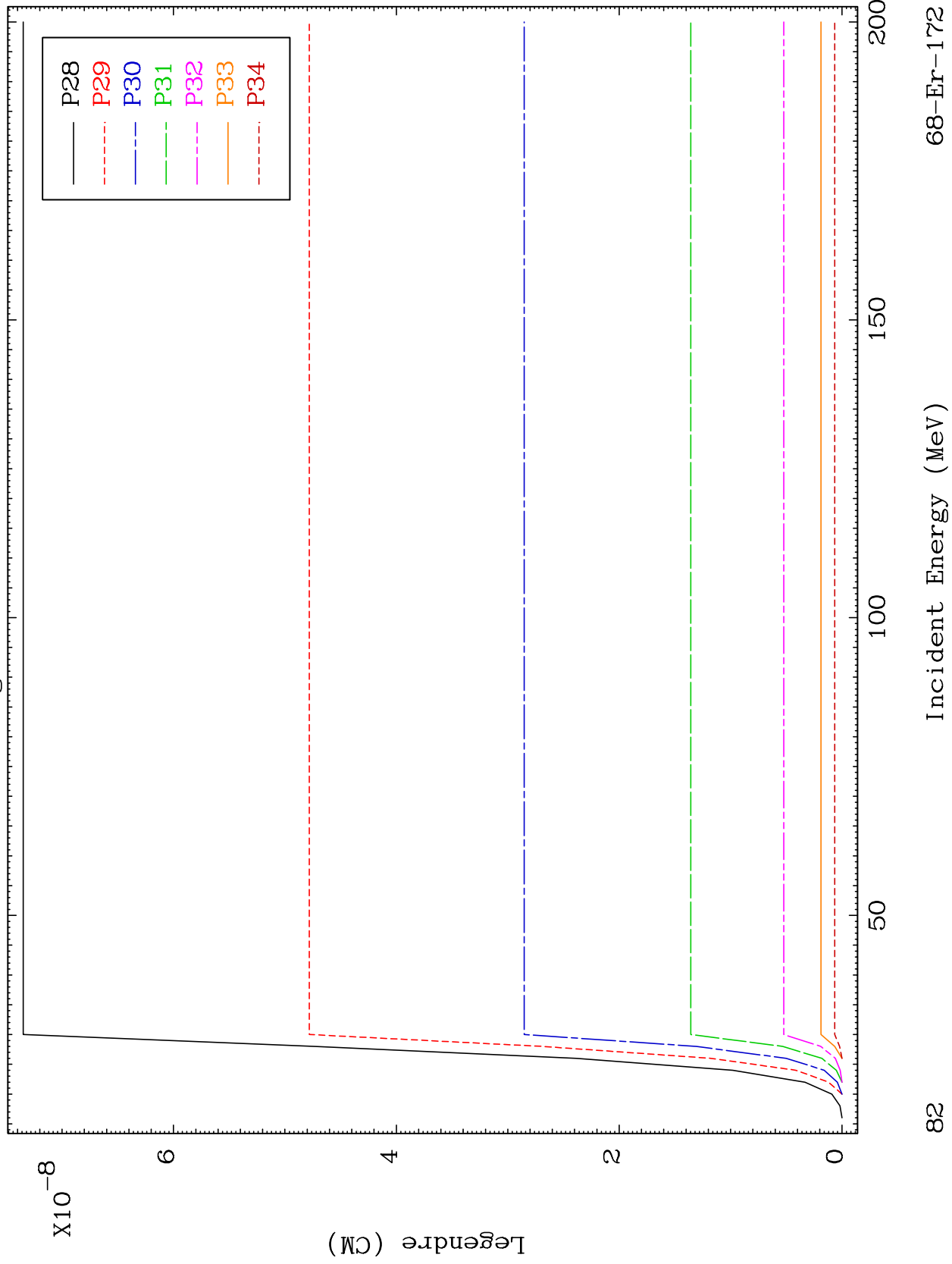
68-Er-172



MAT 6855

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

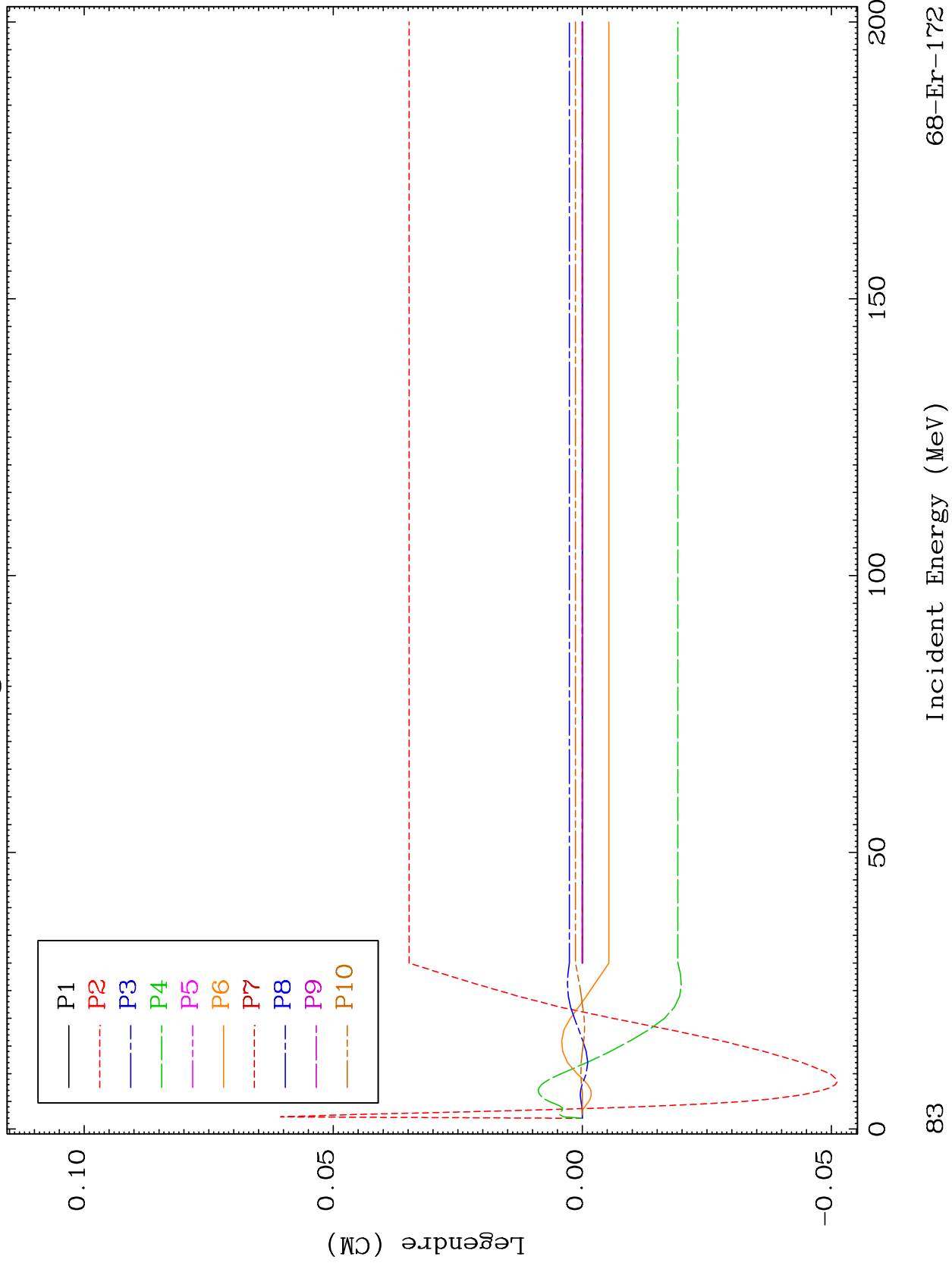
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

Incident Energy (MeV)

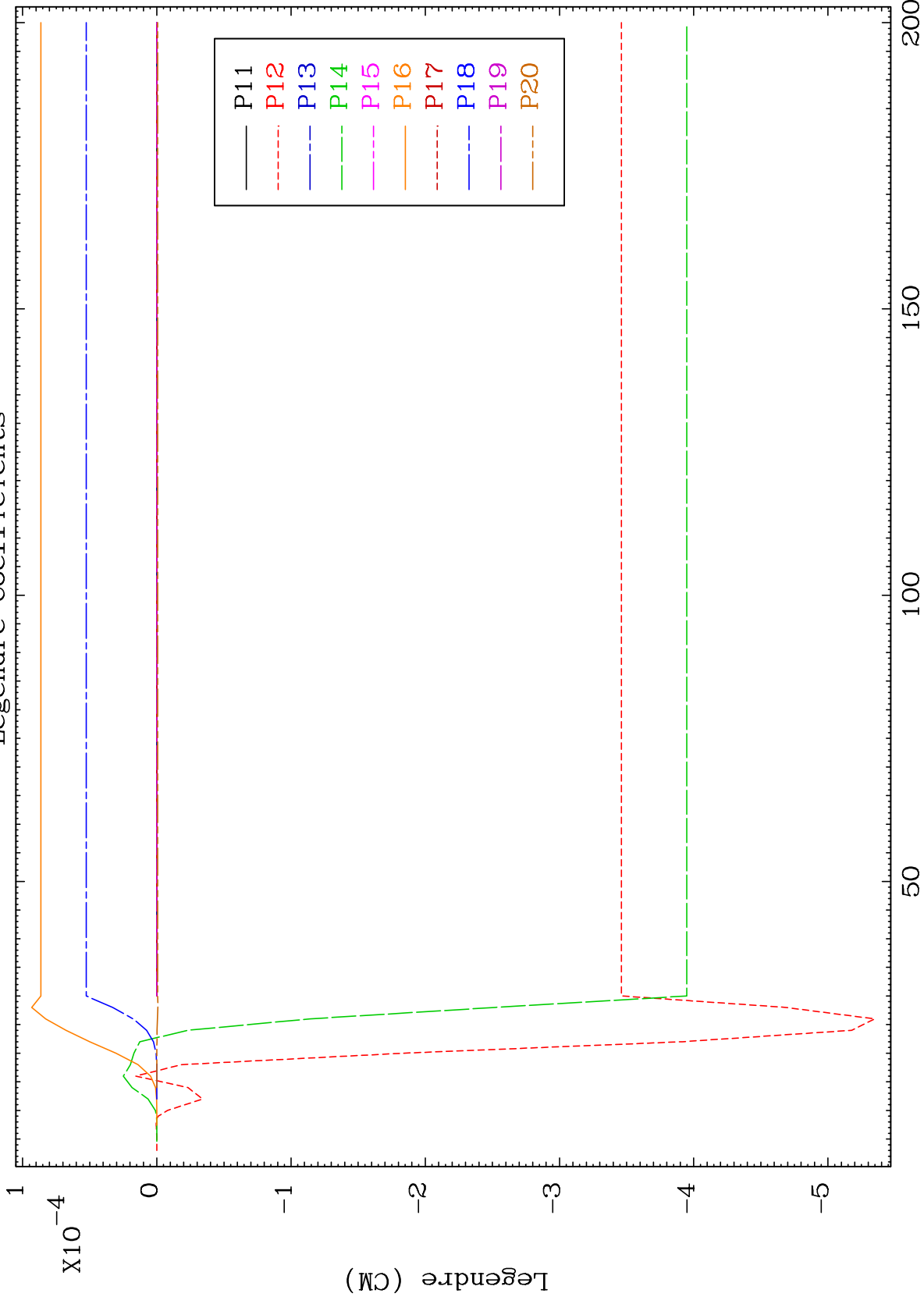
83

MAT 6855

MT= 69 (n,n') Level

68-Er-172

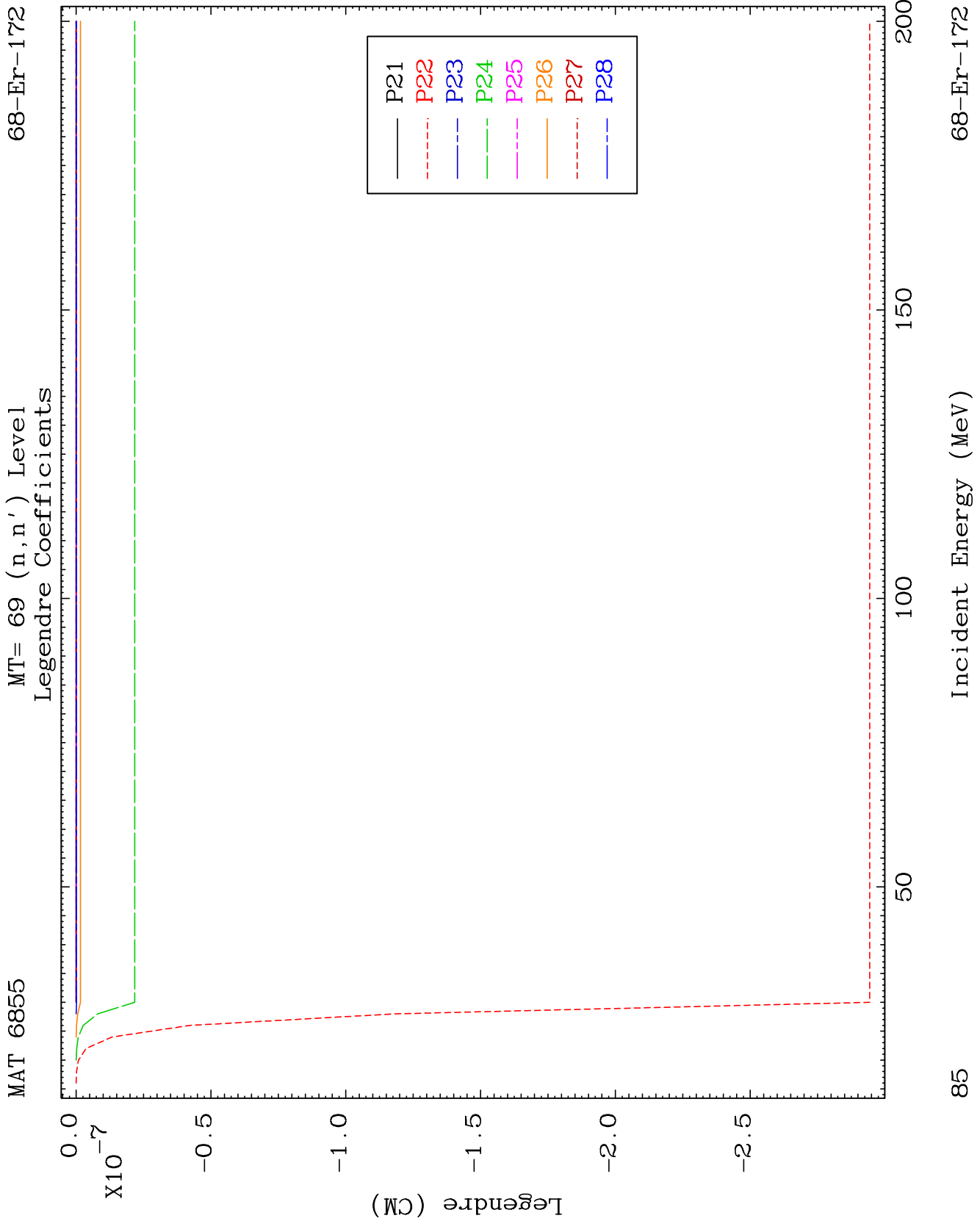
Legendre Coefficients

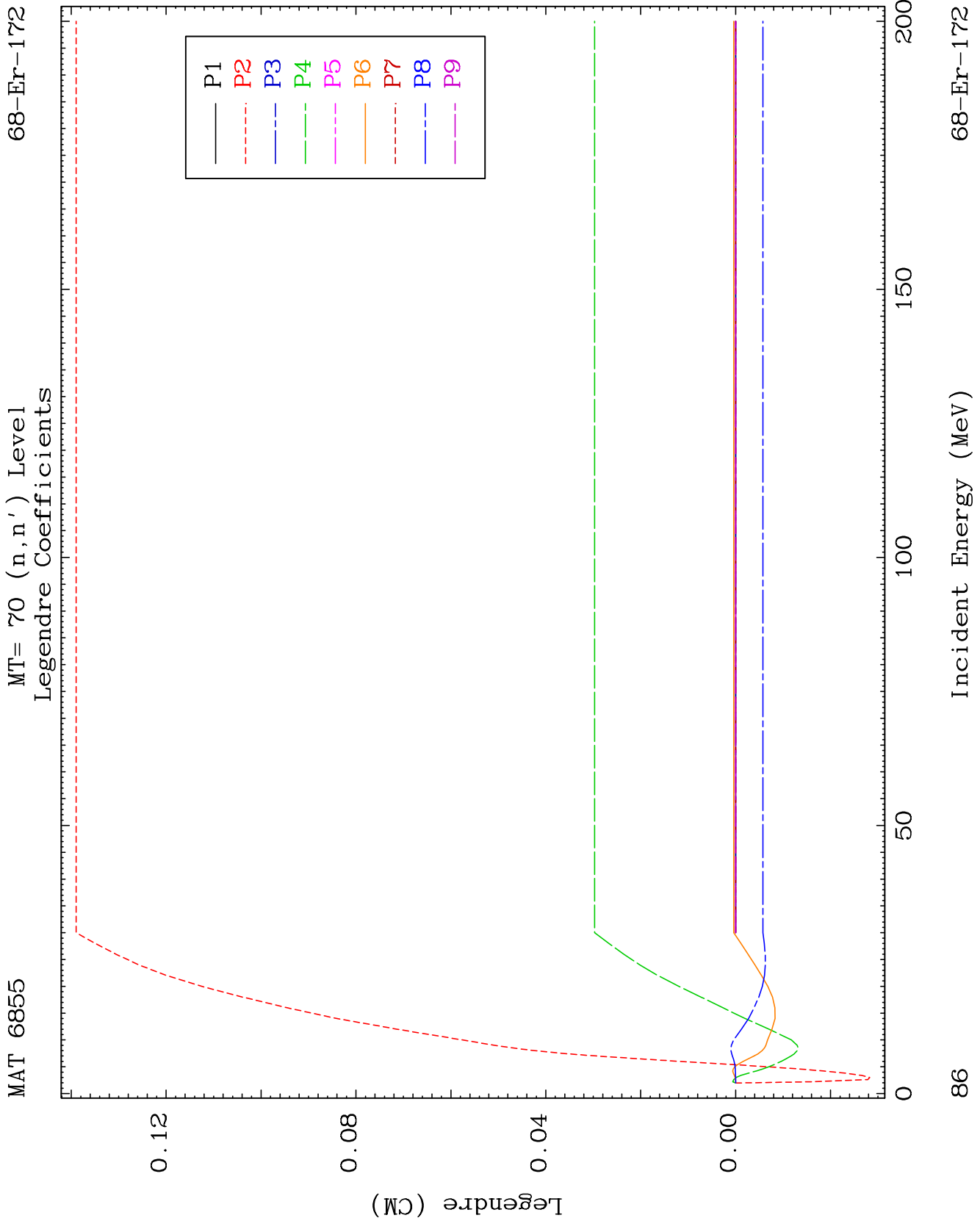


84

Incident Energy (MeV)

68-Er-172

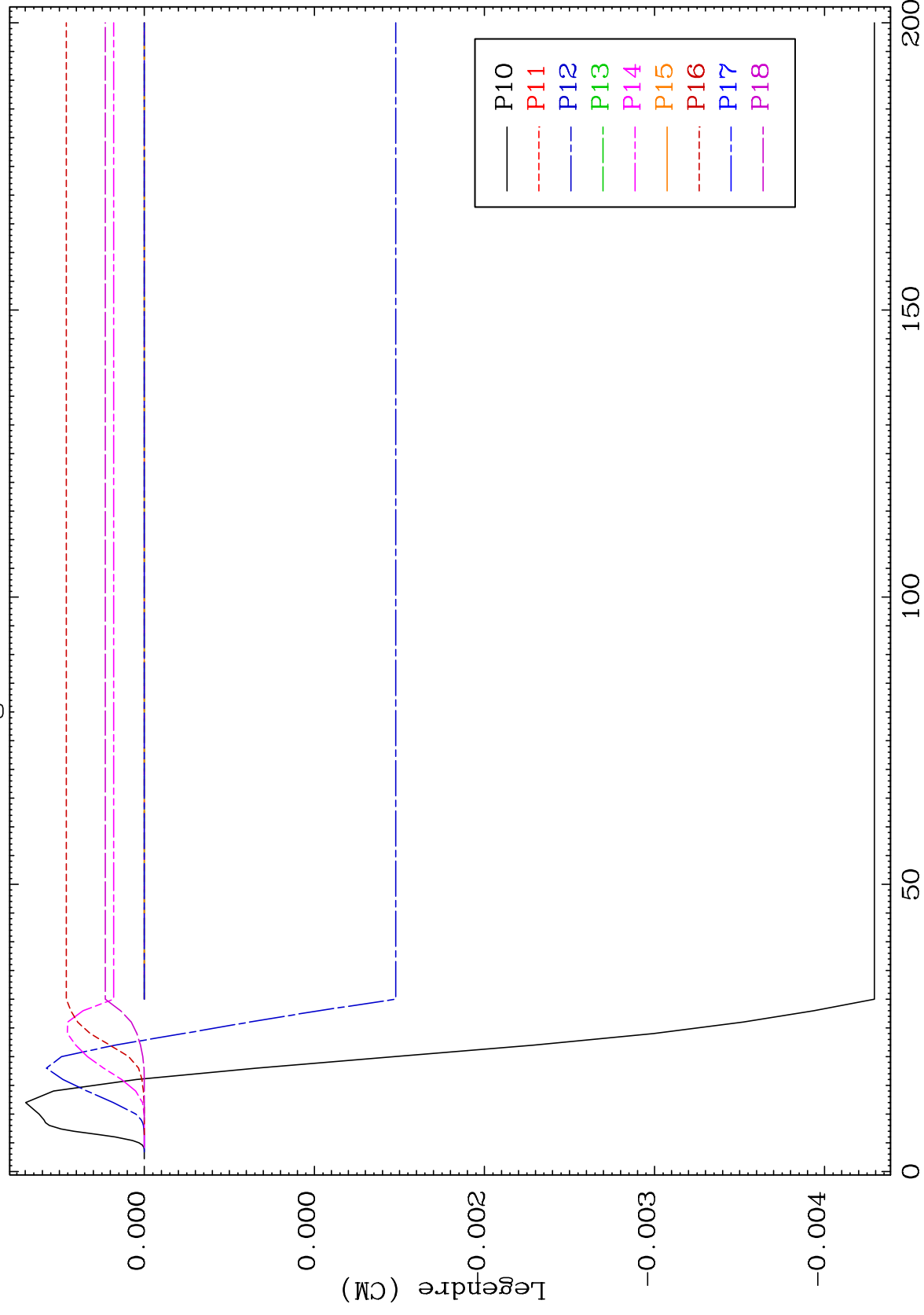




MAT 6855

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

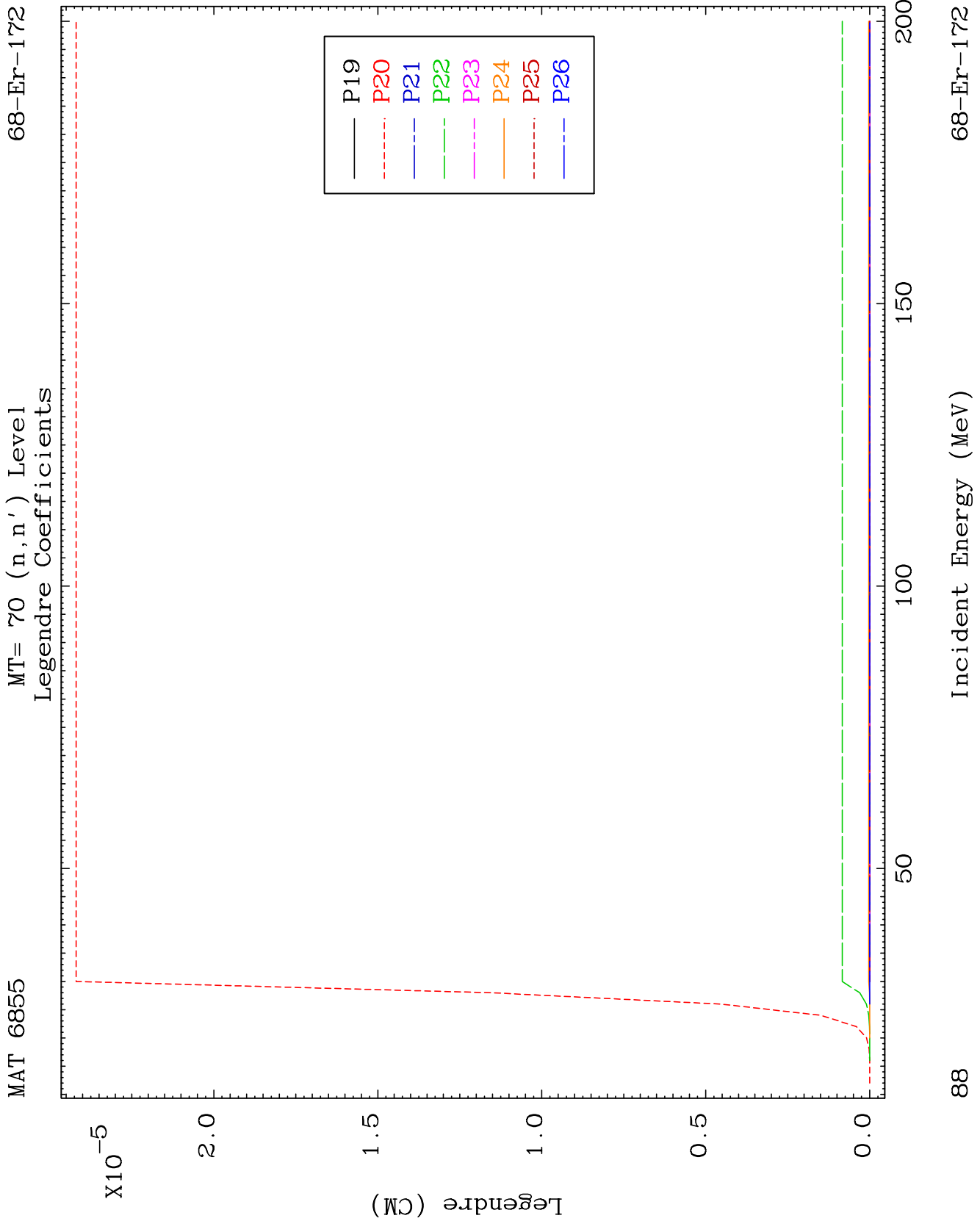
68-Er-172



87

Incident Energy (MeV)

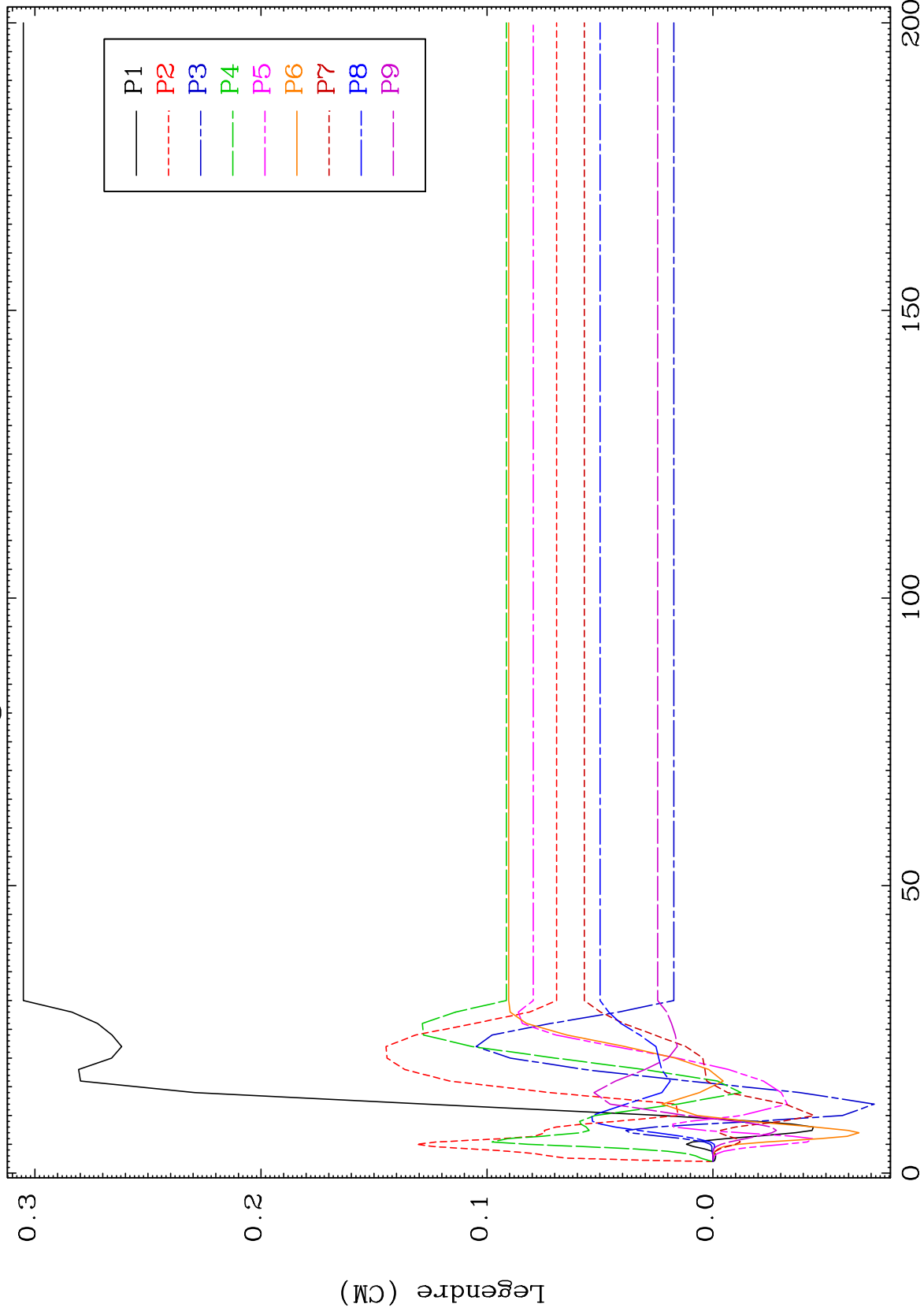
68-Er-172



MAT 6855

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

68-Er-172



89

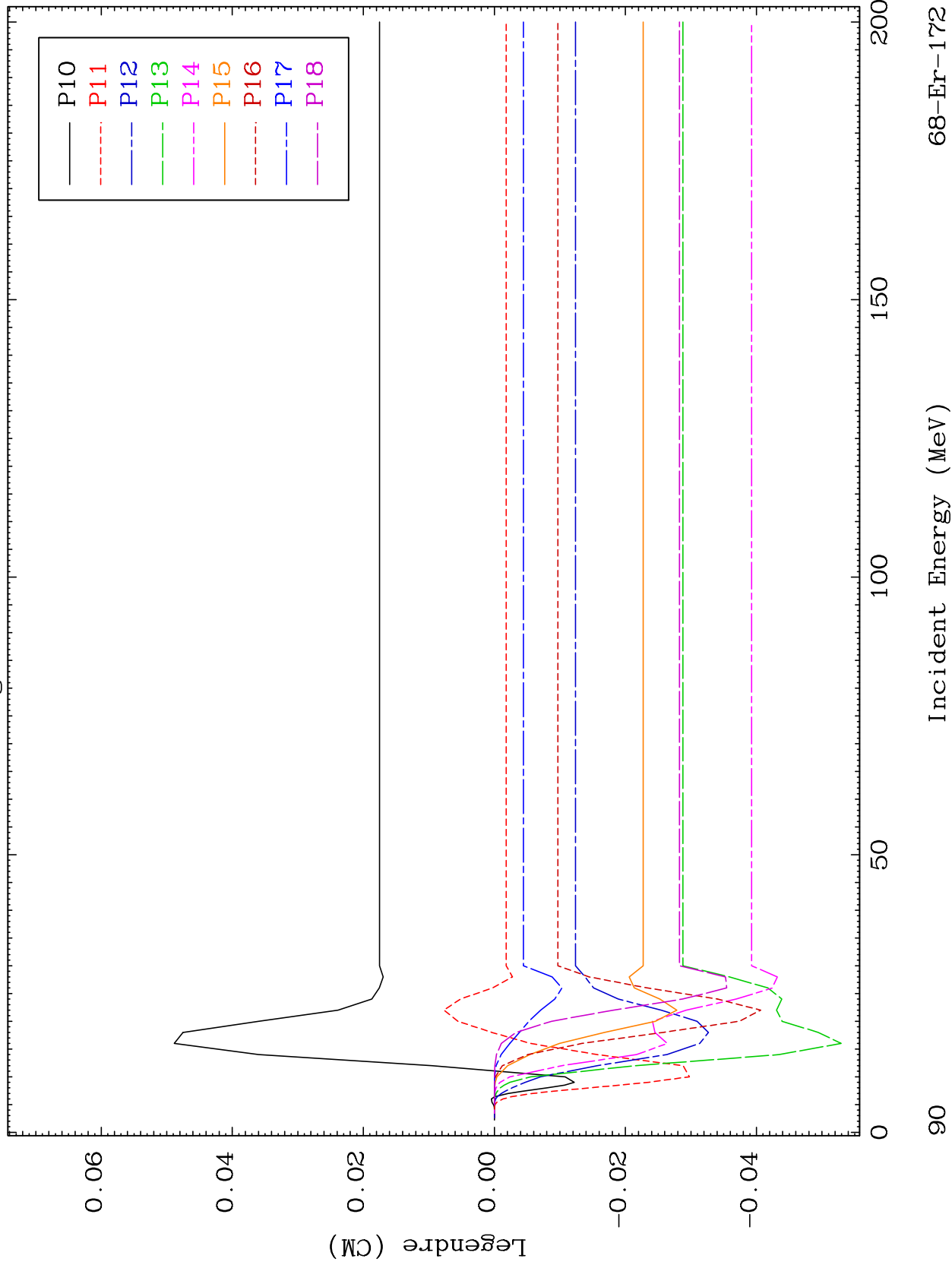
Incident Energy (MeV)

68-Er-172

MAT 6855

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

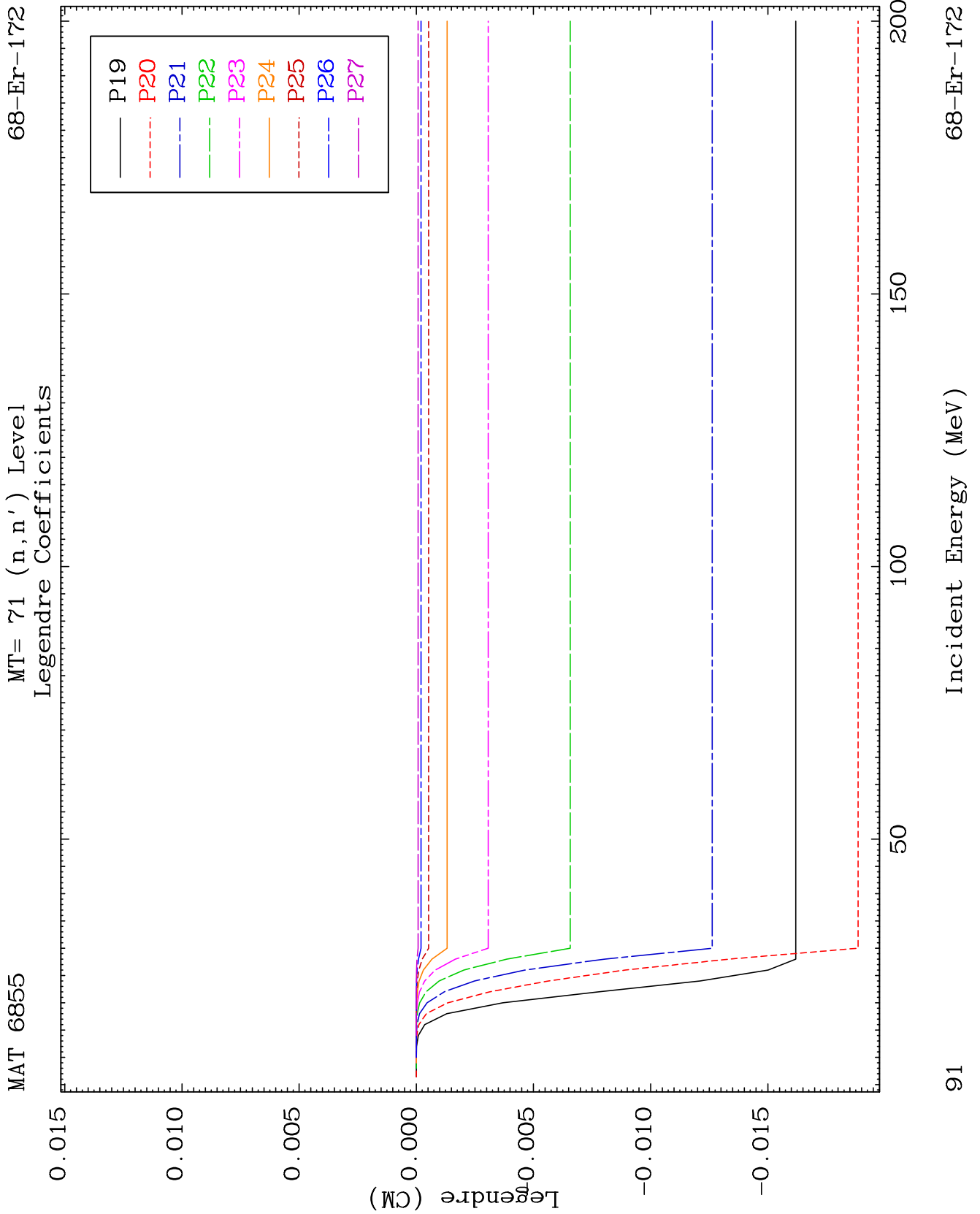
68-Er-172



68-Er-172

Incident Energy (MeV)

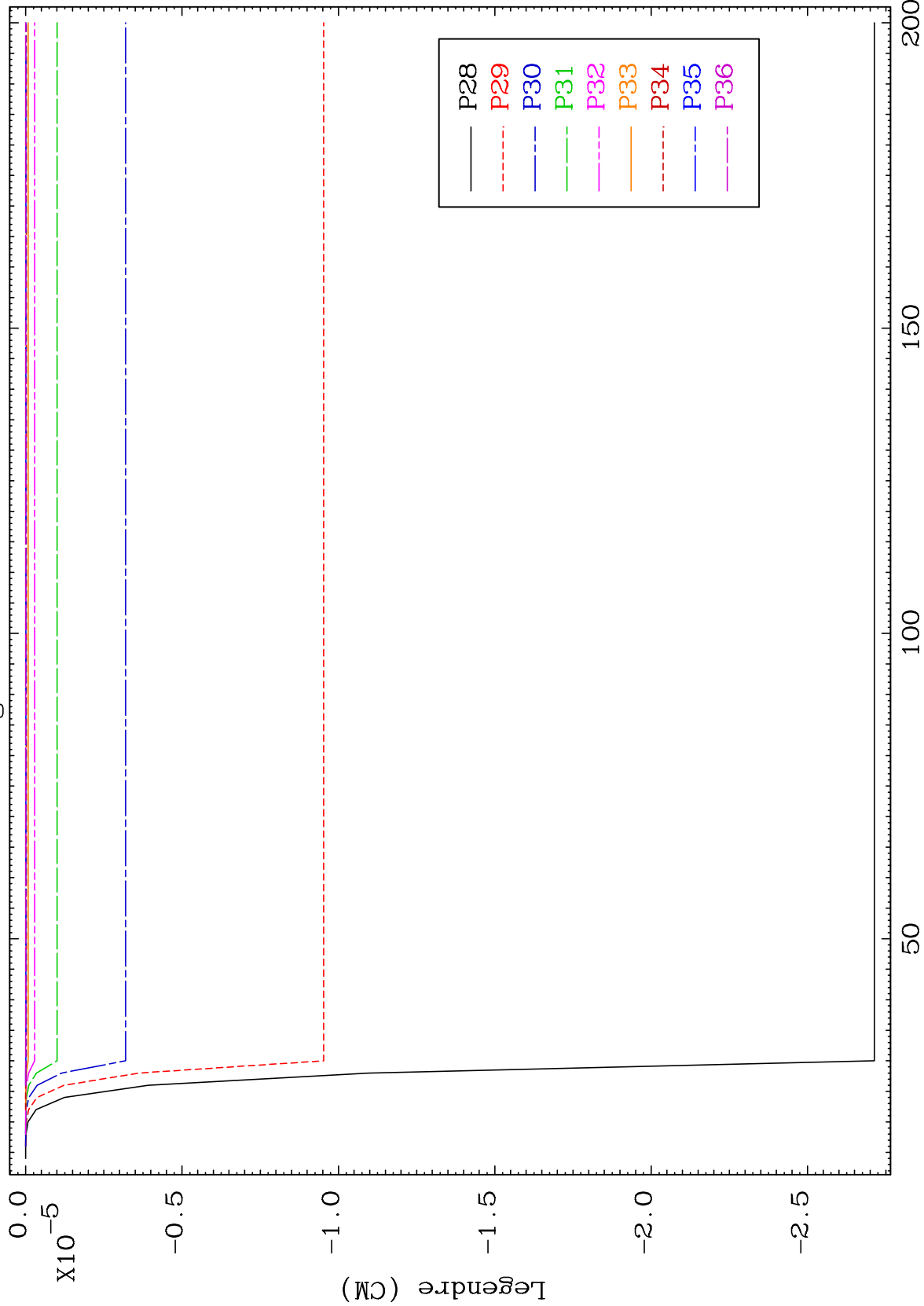
90



MAT 6855

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

68-Er-172



92

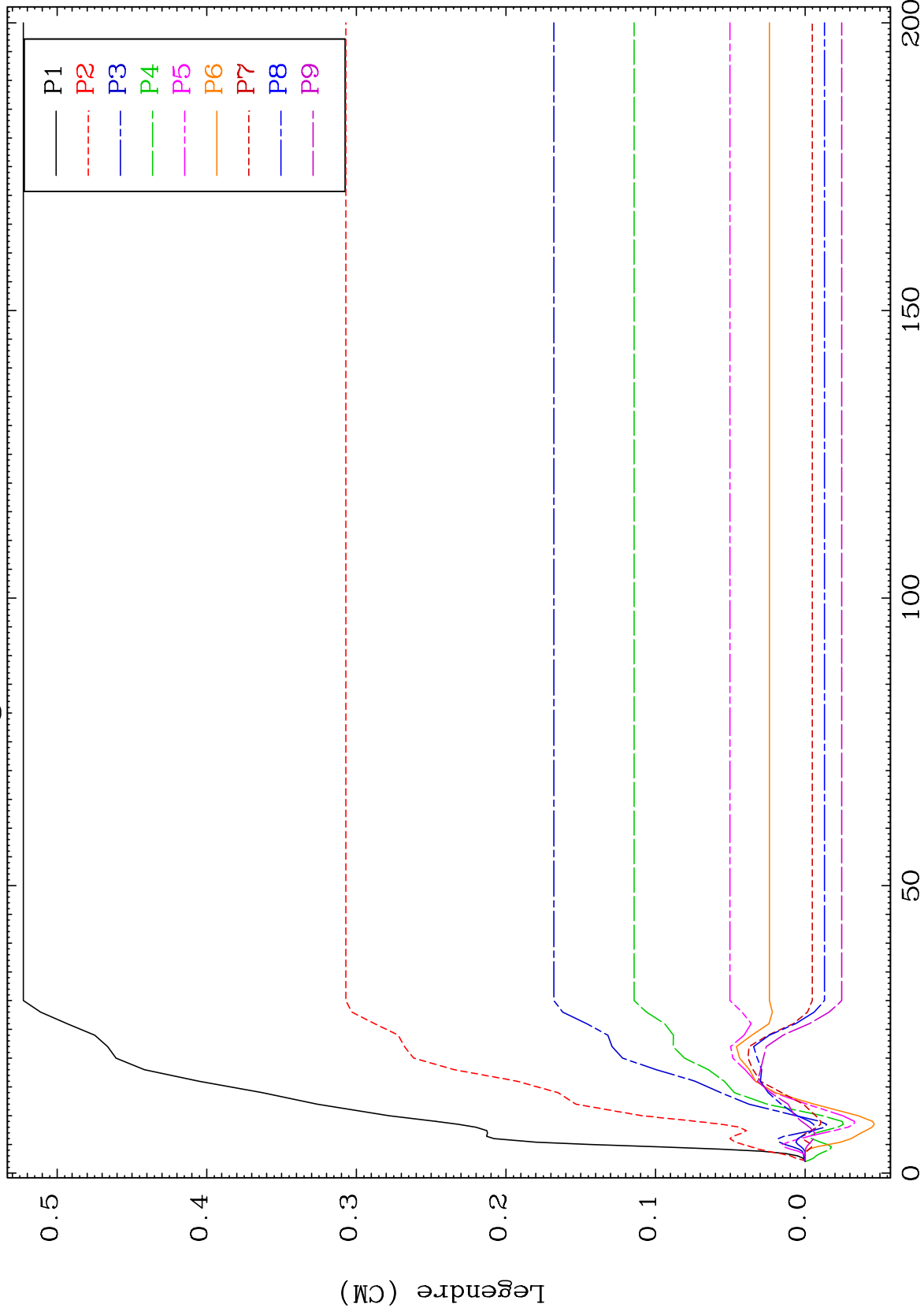
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



93

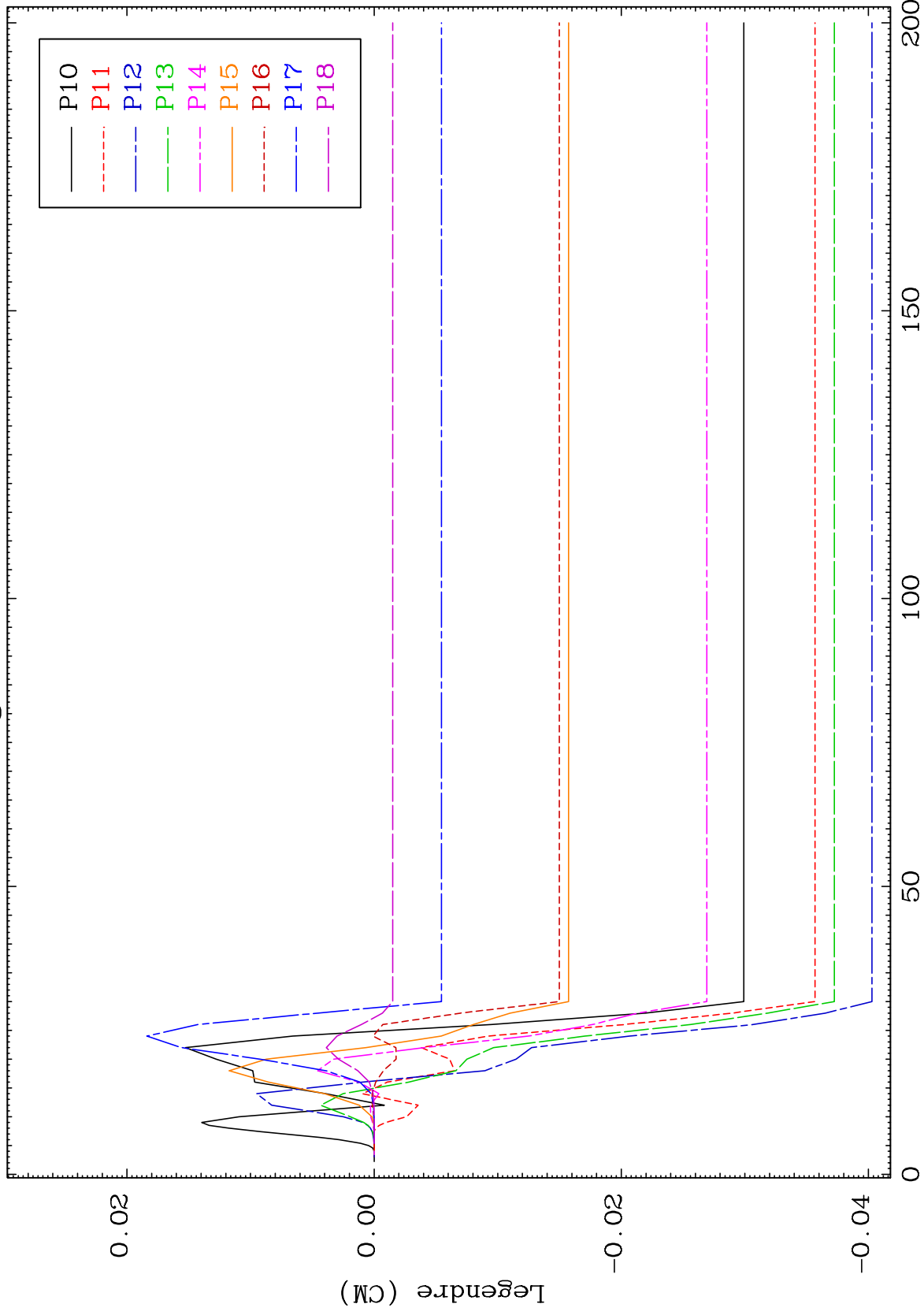
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



94

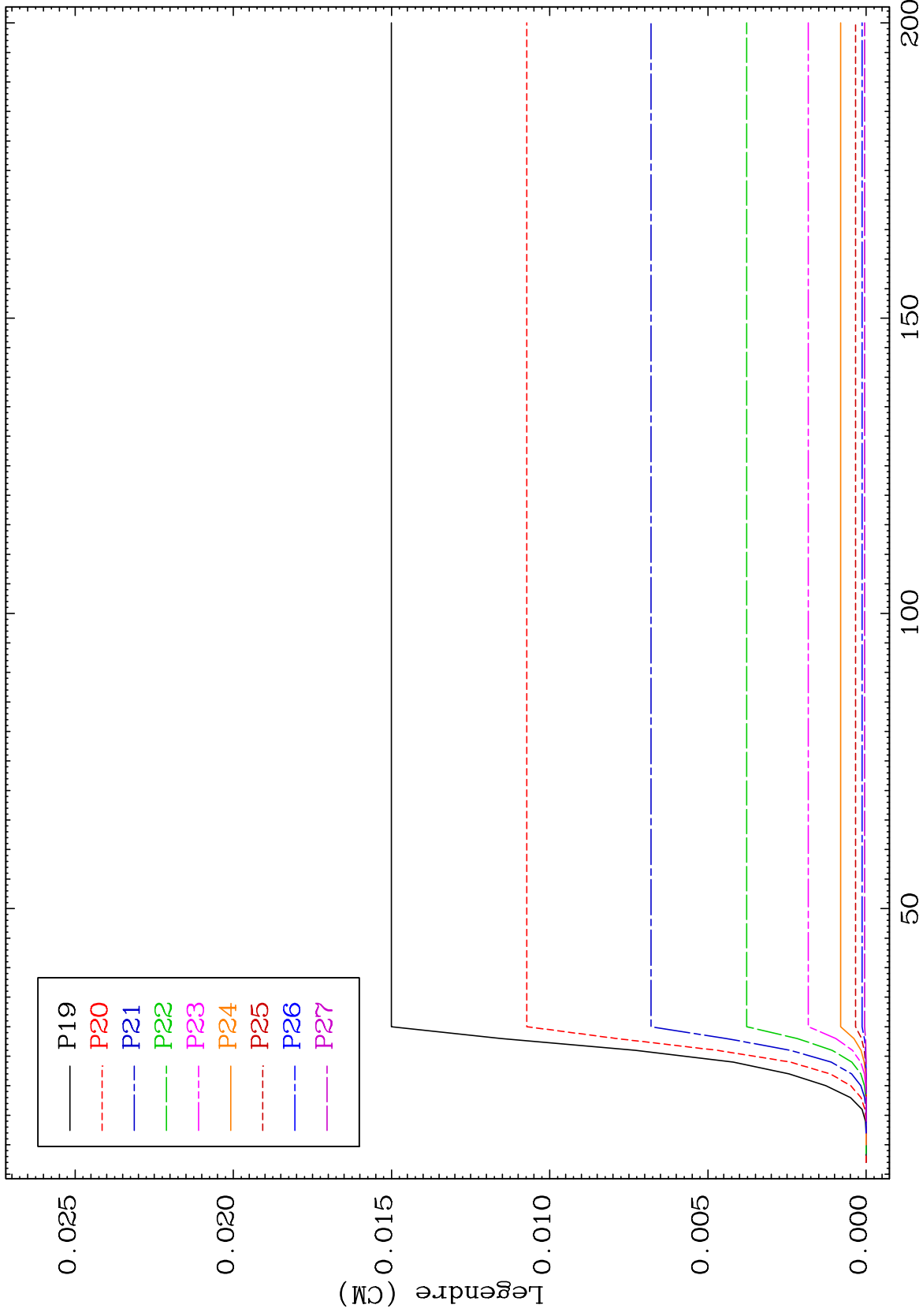
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



95

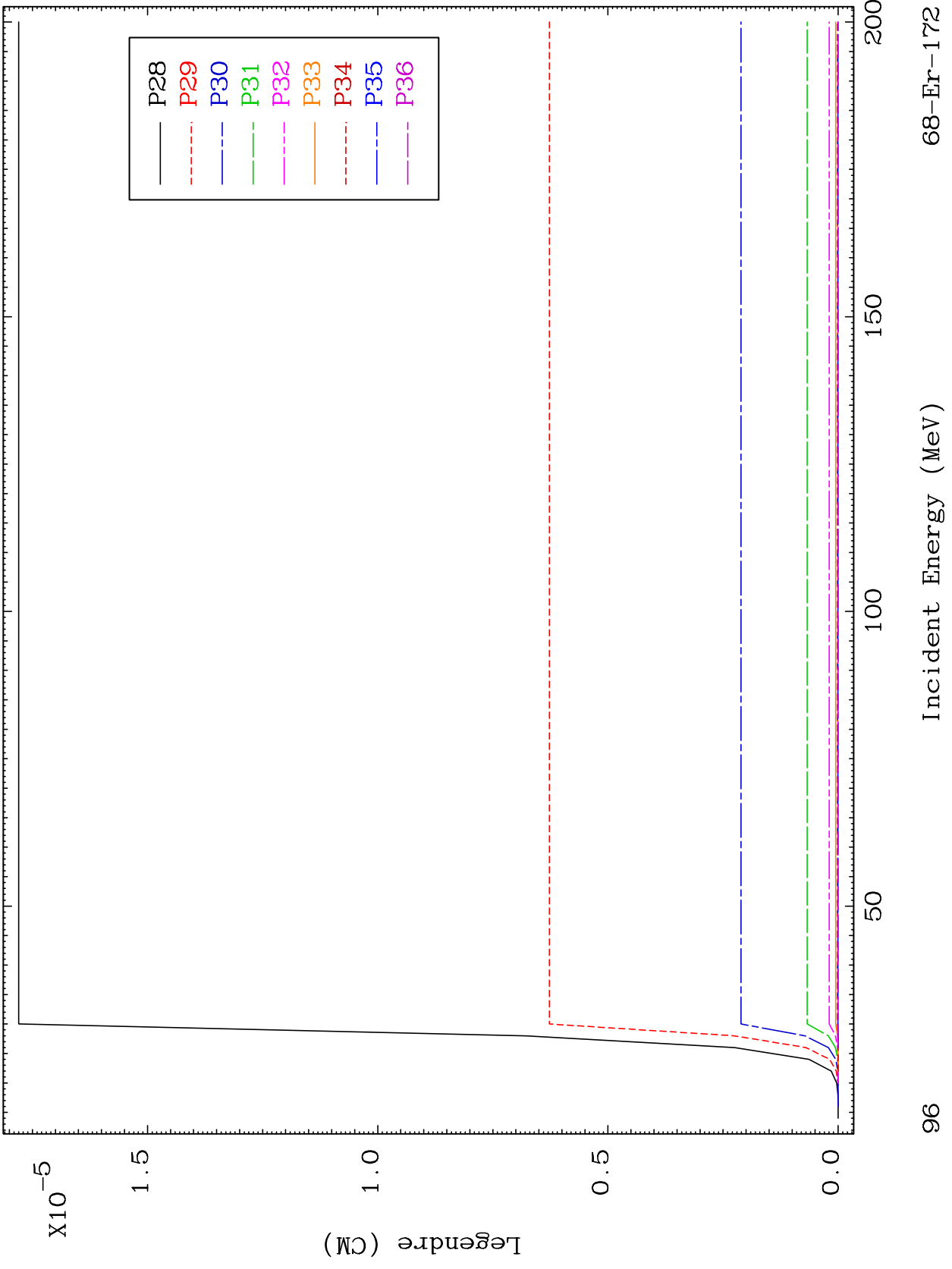
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172

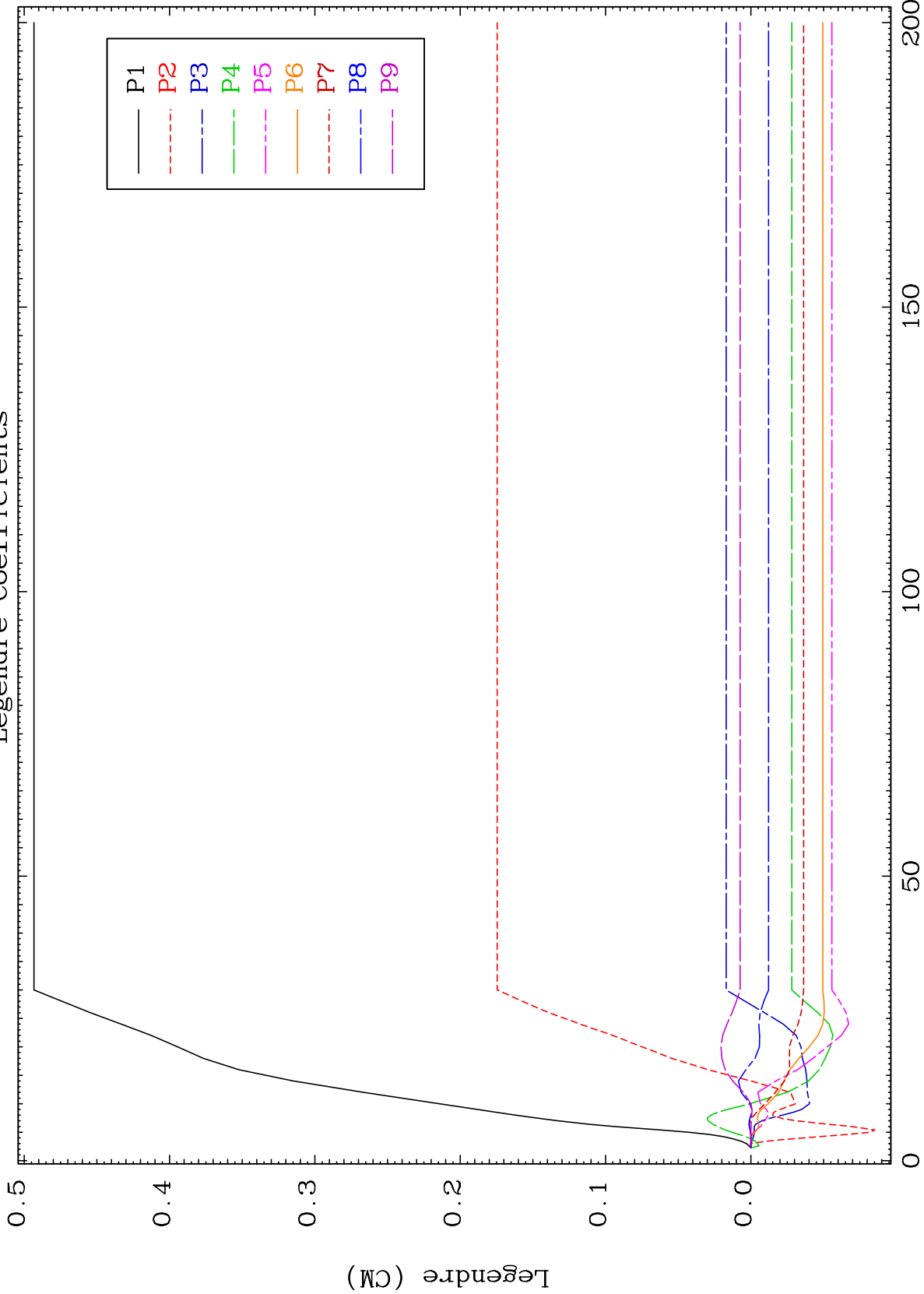


MAT 6855

MT= 73 (n,n') Level

68-Er-172

Legendre Coefficients



97

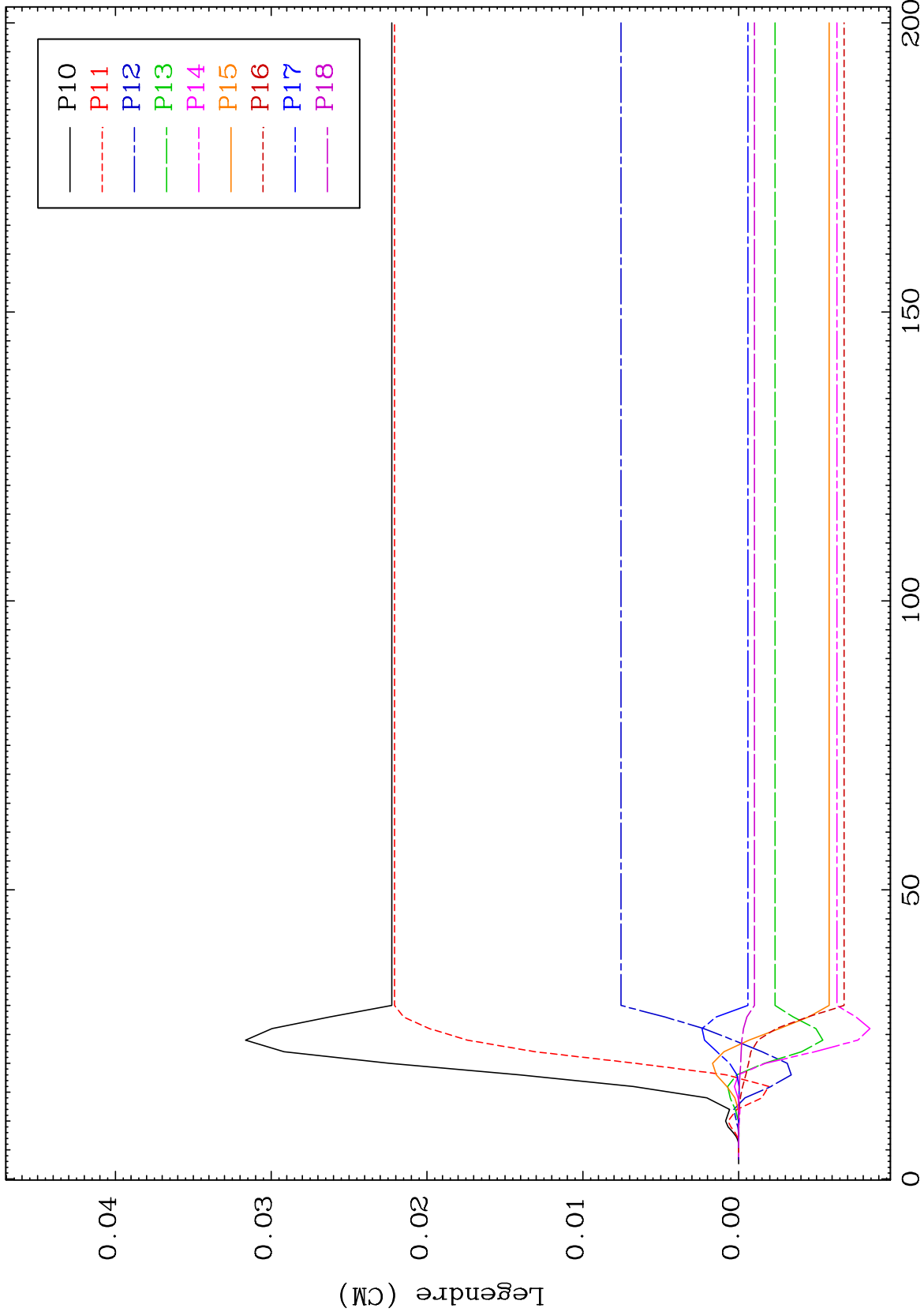
Incident Energy (MeV)

68-Er-172

MAT 6855

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

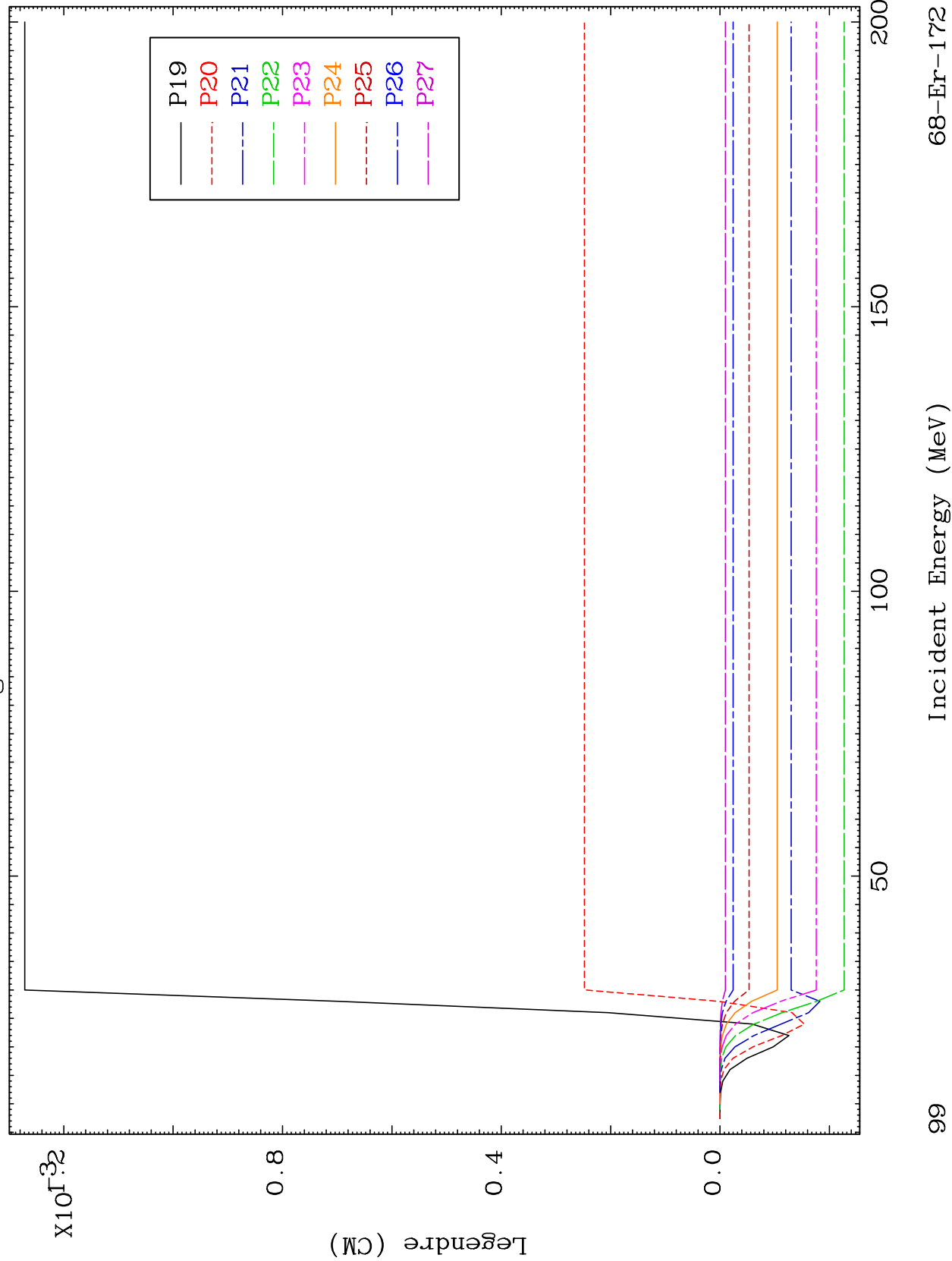
68-Er-172

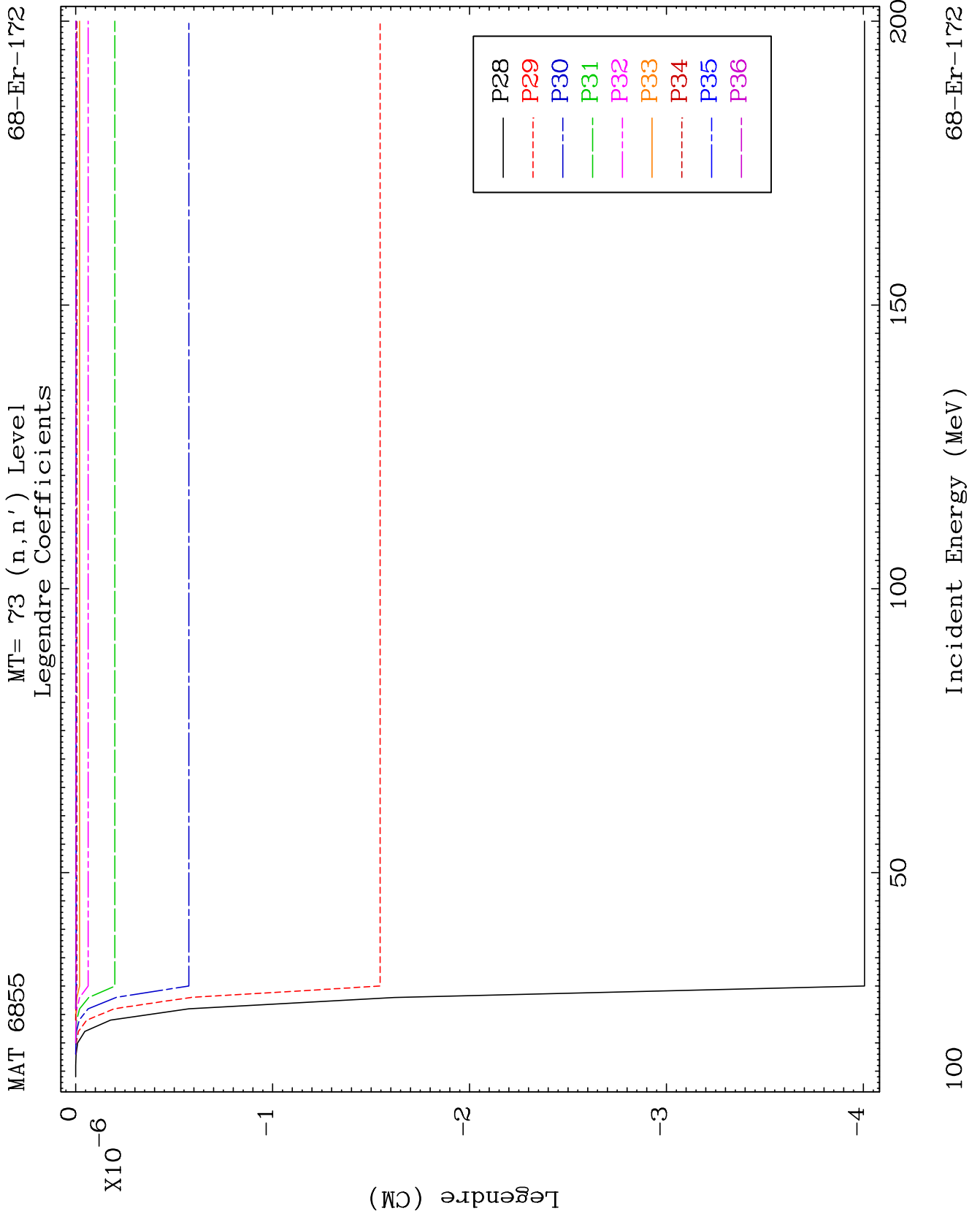


98

Incident Energy (MeV)

68-Er-172

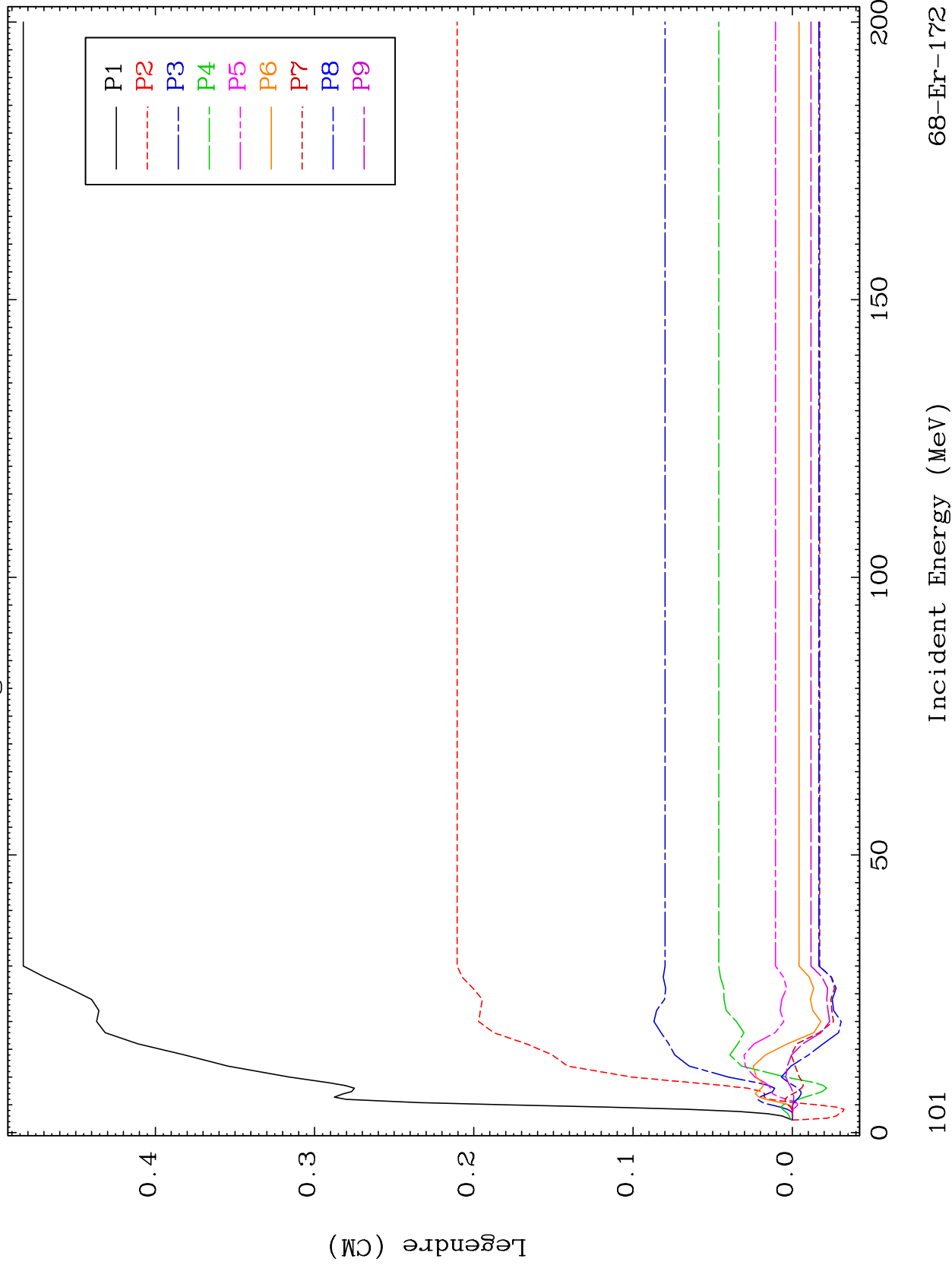




MAT 6855

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

68-Er-172



68-Er-172

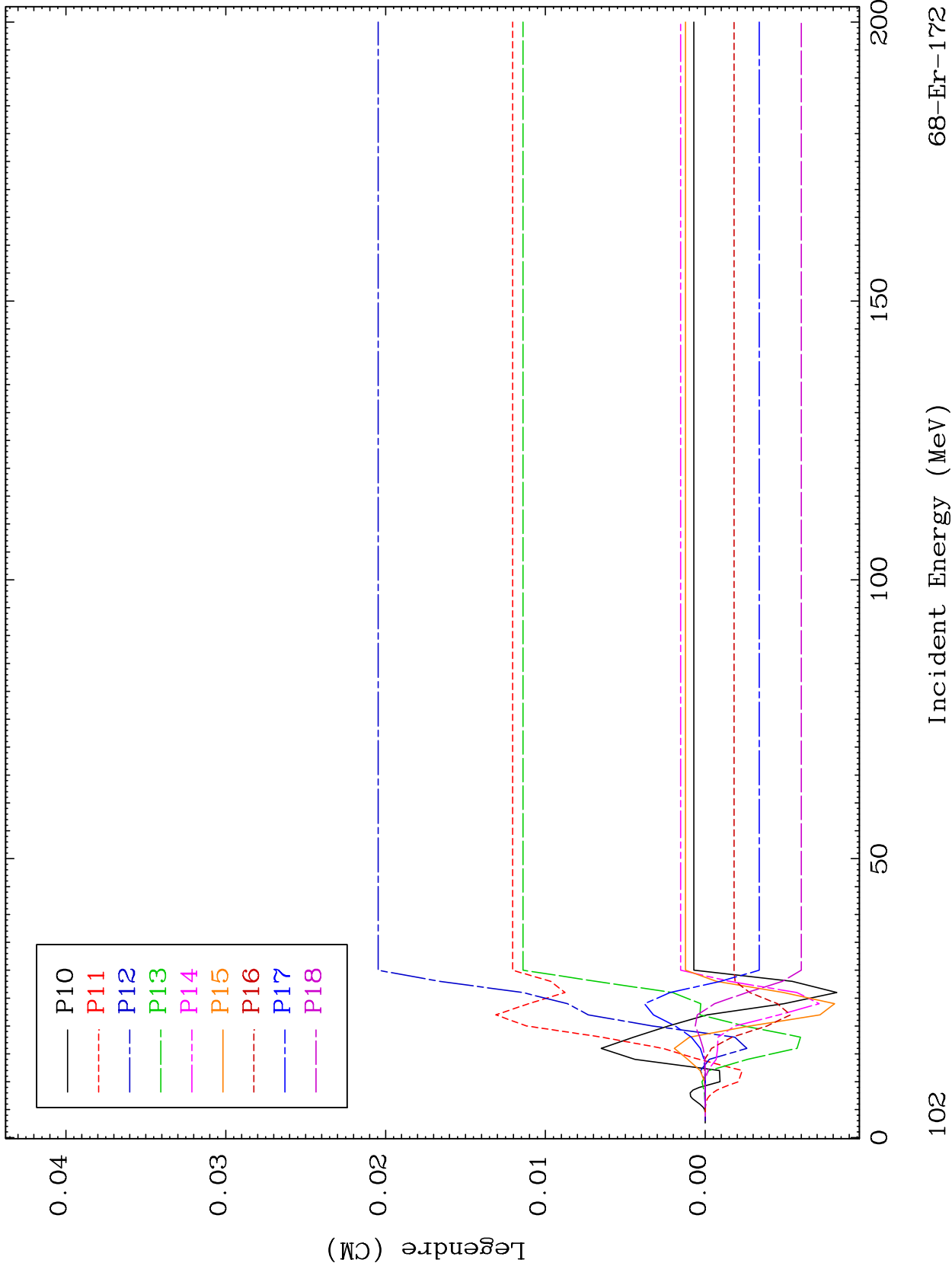
Incident Energy (MeV)

101

MAT 6855

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

68-Er-172



68-Er-172

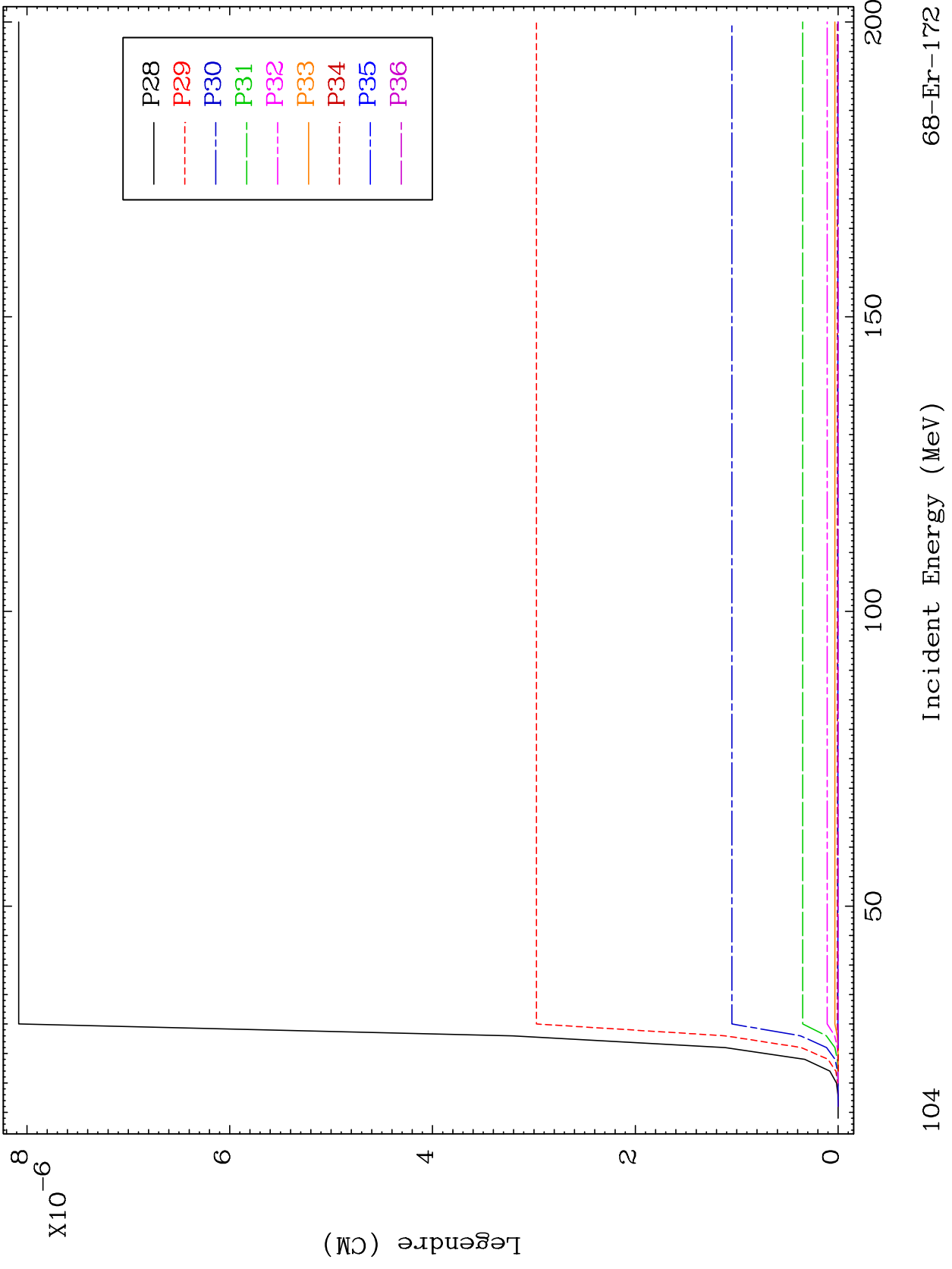
Incident Energy (MeV)

102

MAT 6855

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

68-Er-172



104

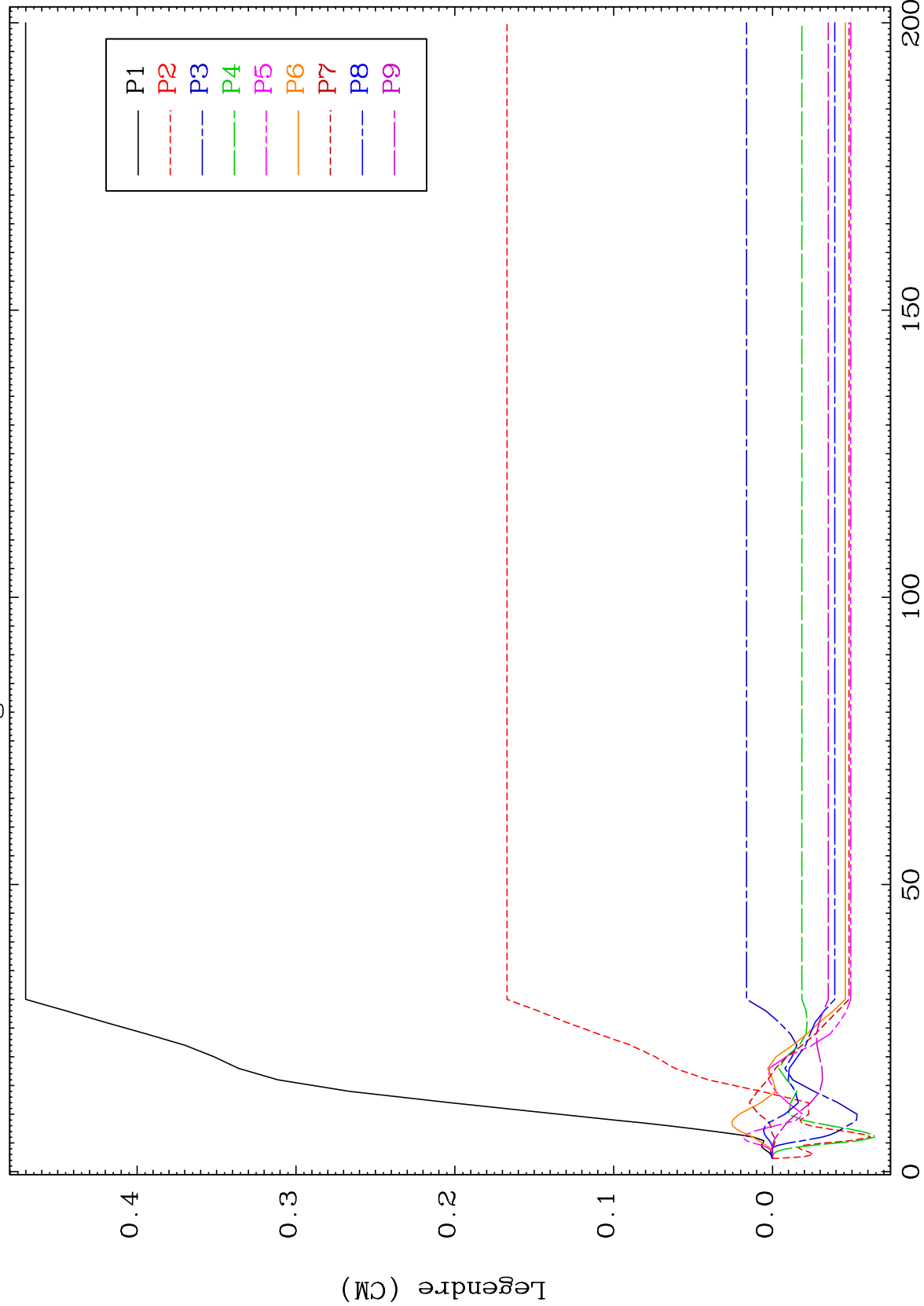
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



68-Er-172

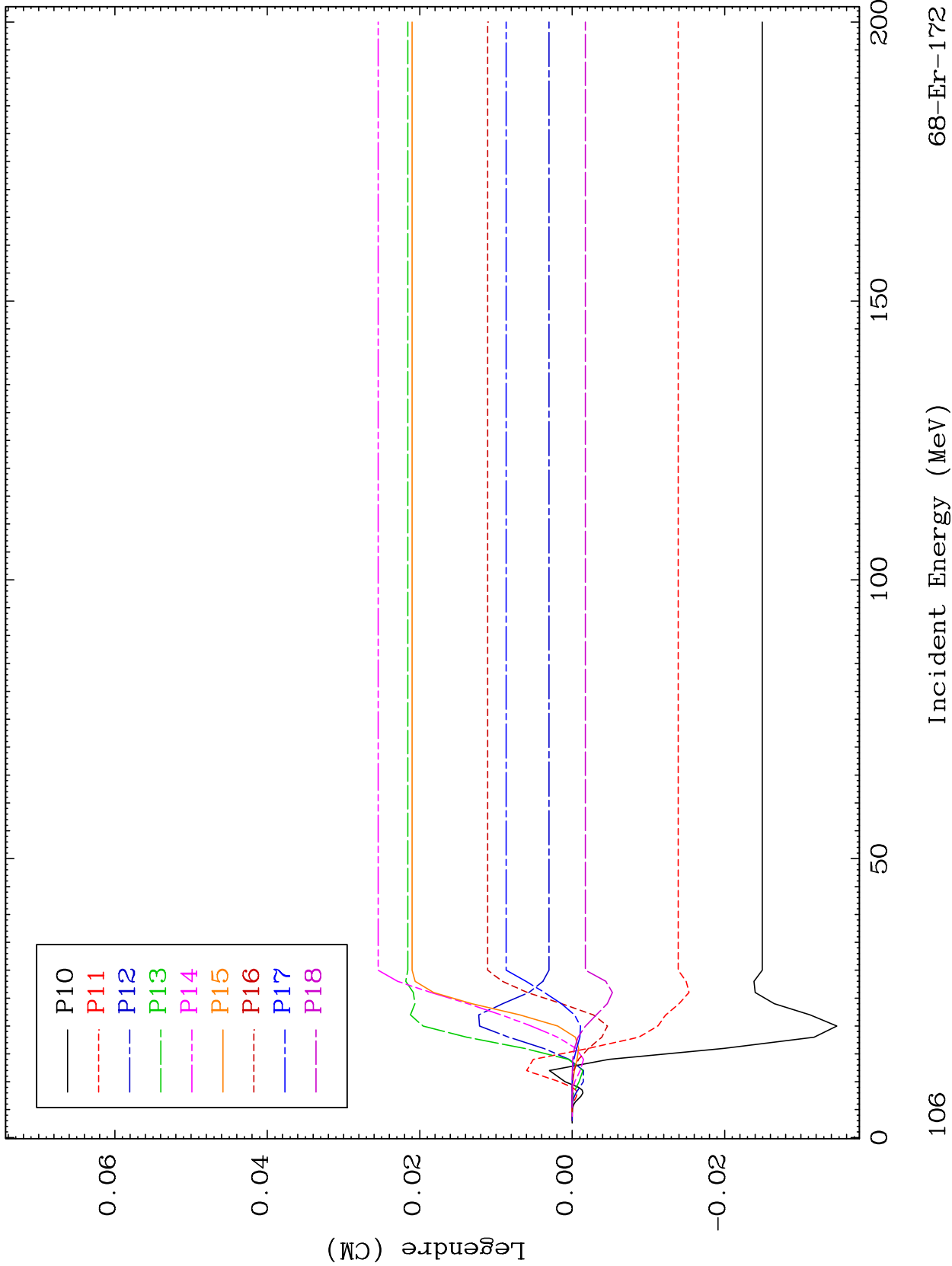
Incident Energy (MeV)

105

MAT 6855

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

68-Er-172



106

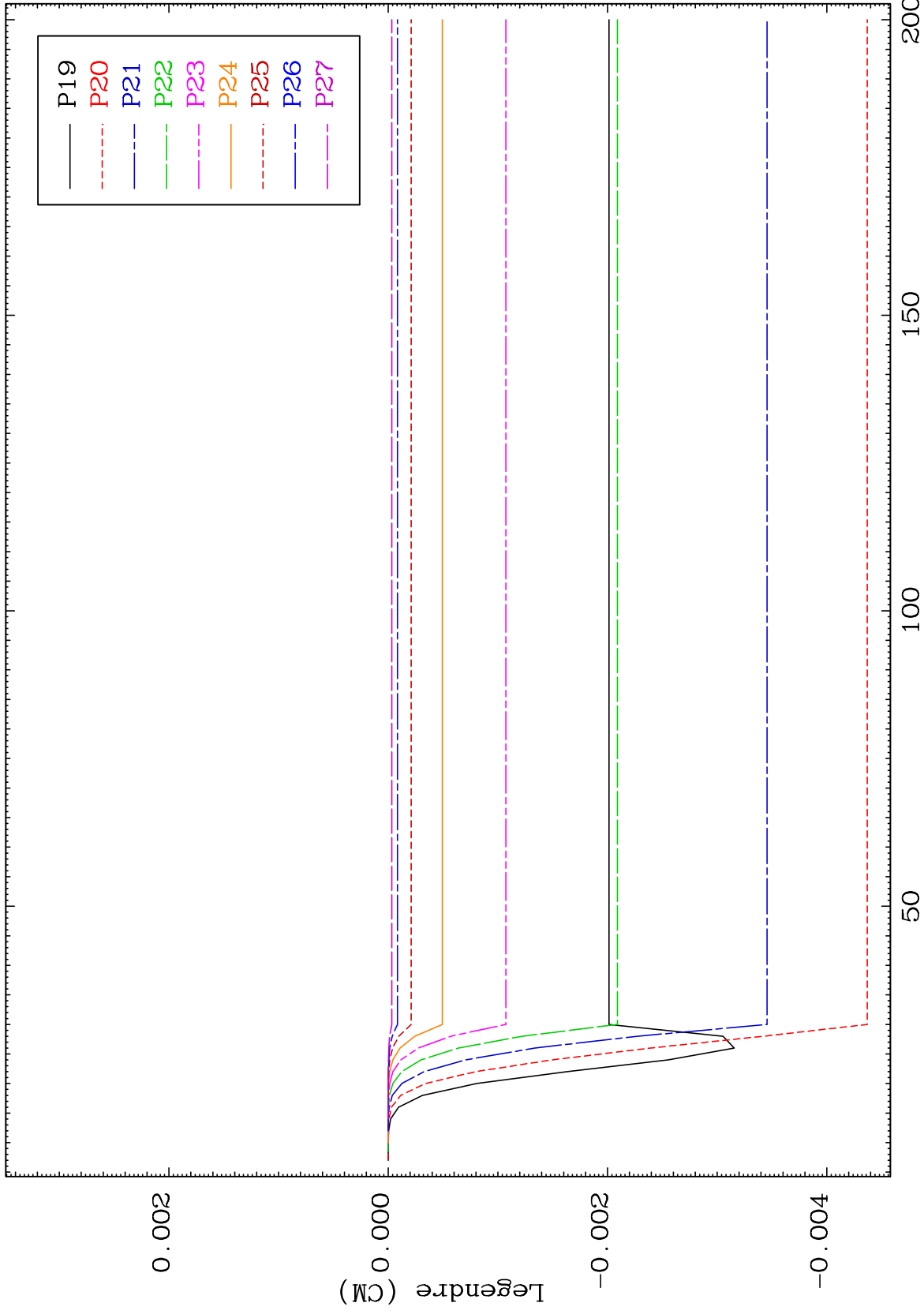
Incident Energy (MeV)

68-Er-172

MAT 6855

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

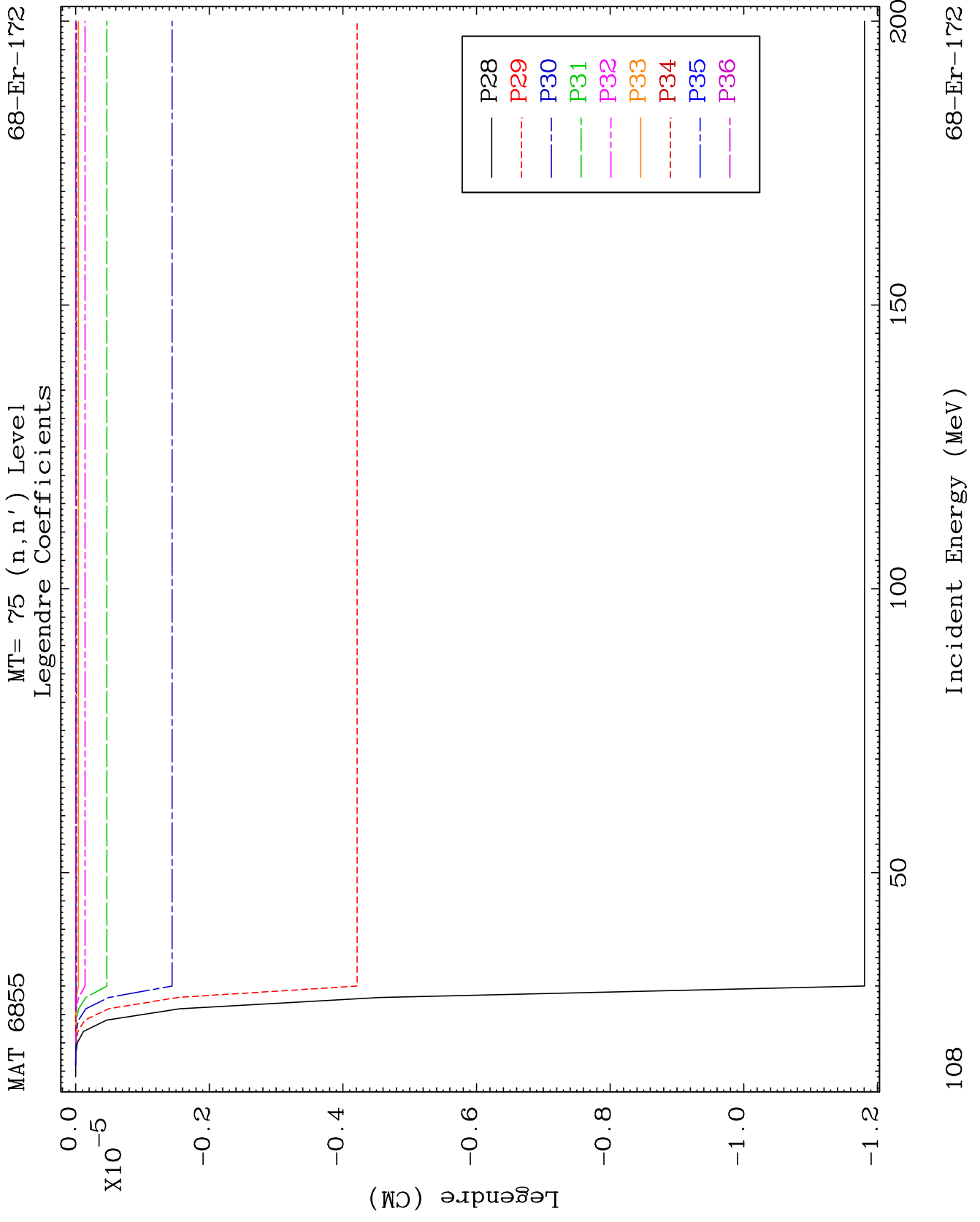
68-Er-172



107

Incident Energy (MeV)

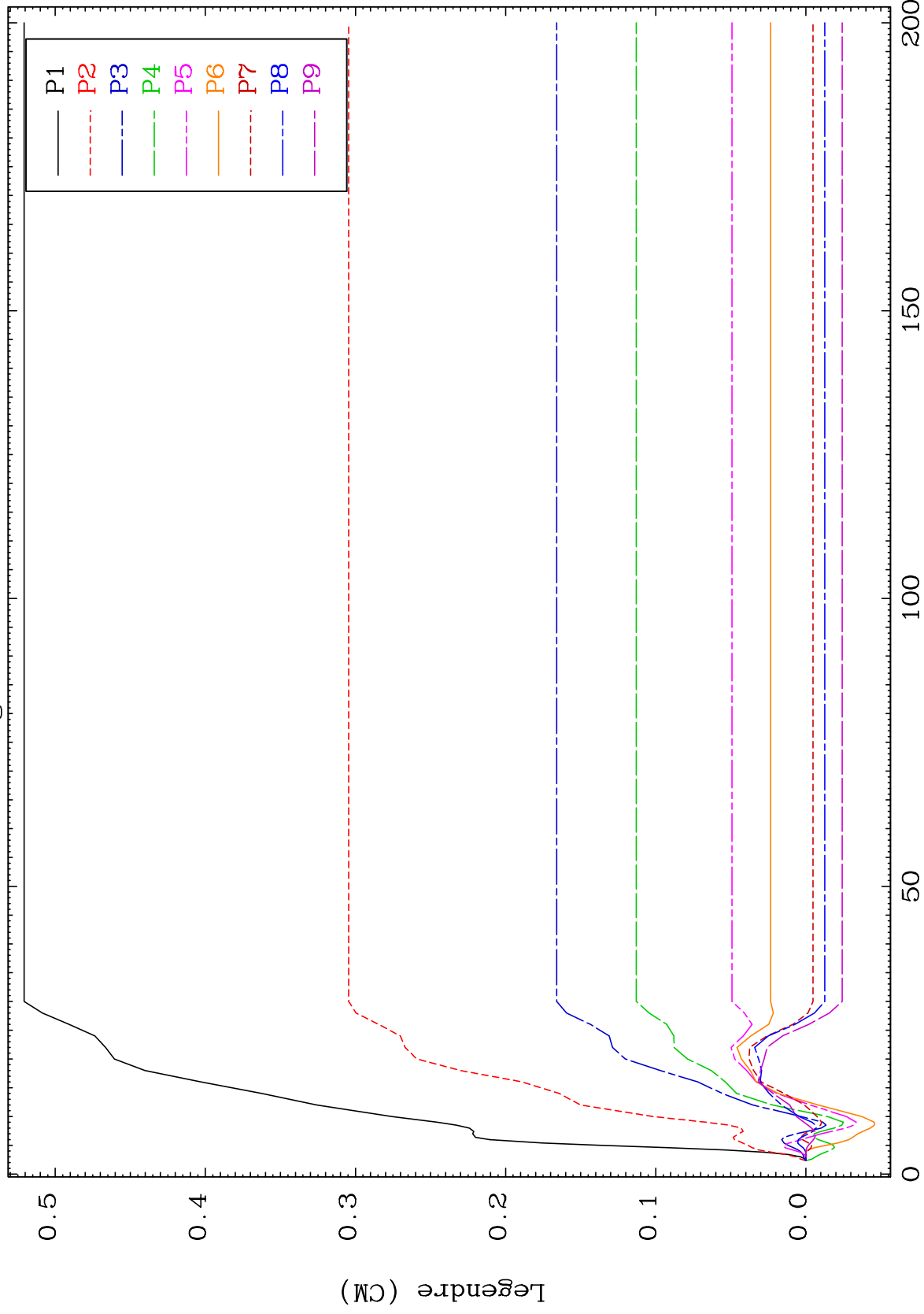
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

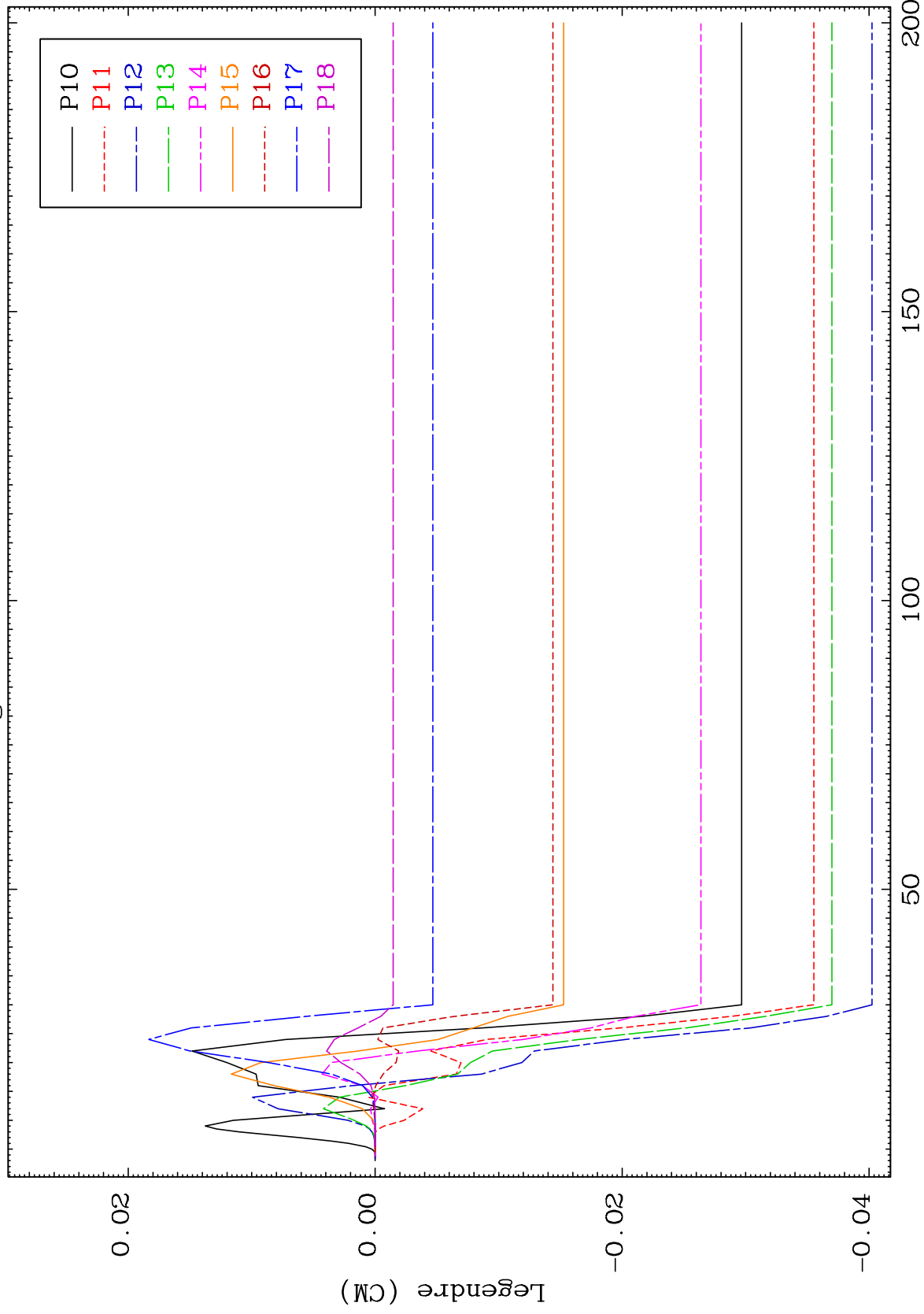
Incident Energy (MeV)

109

MAT 6855

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

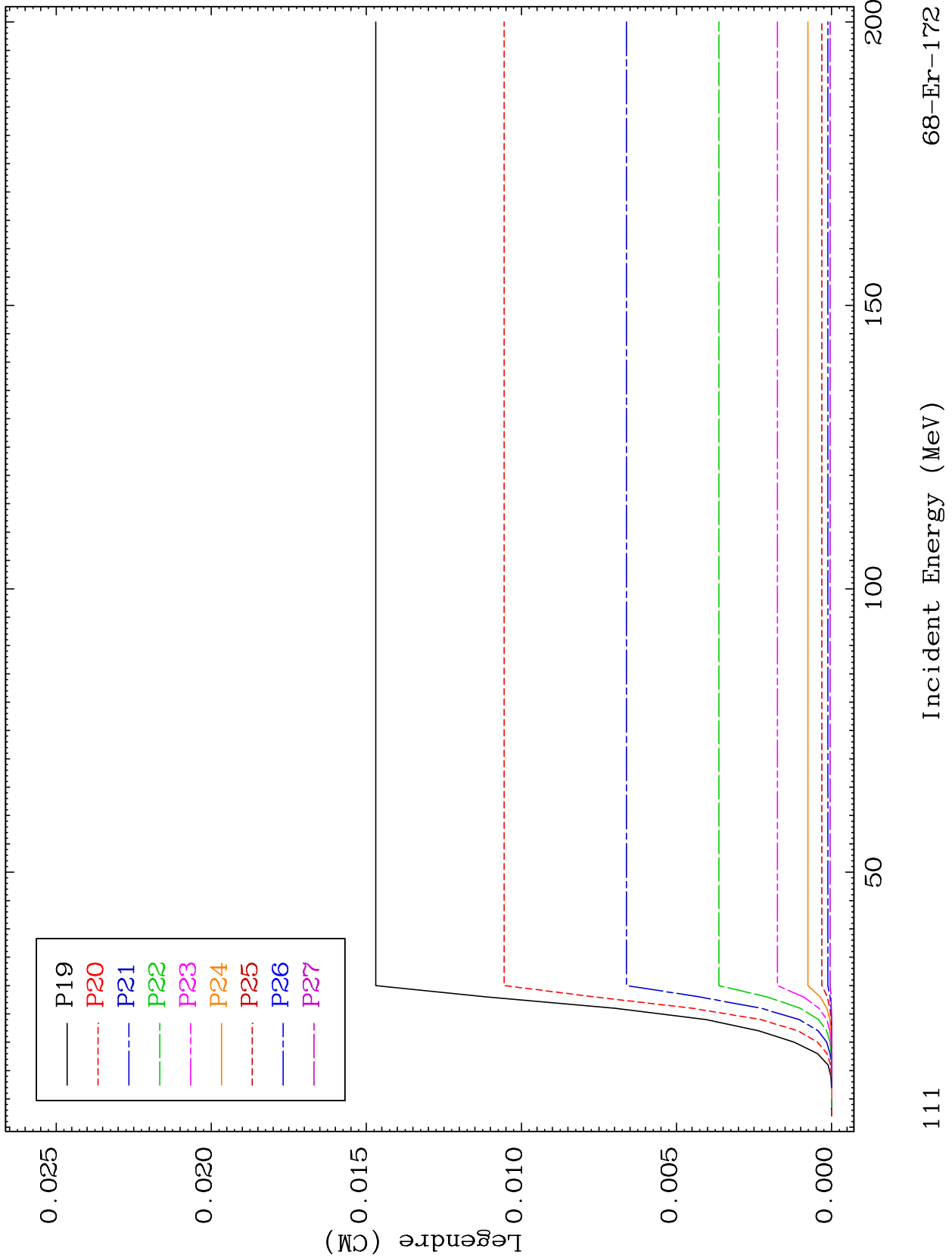
68-Er-172



110

Incident Energy (MeV)

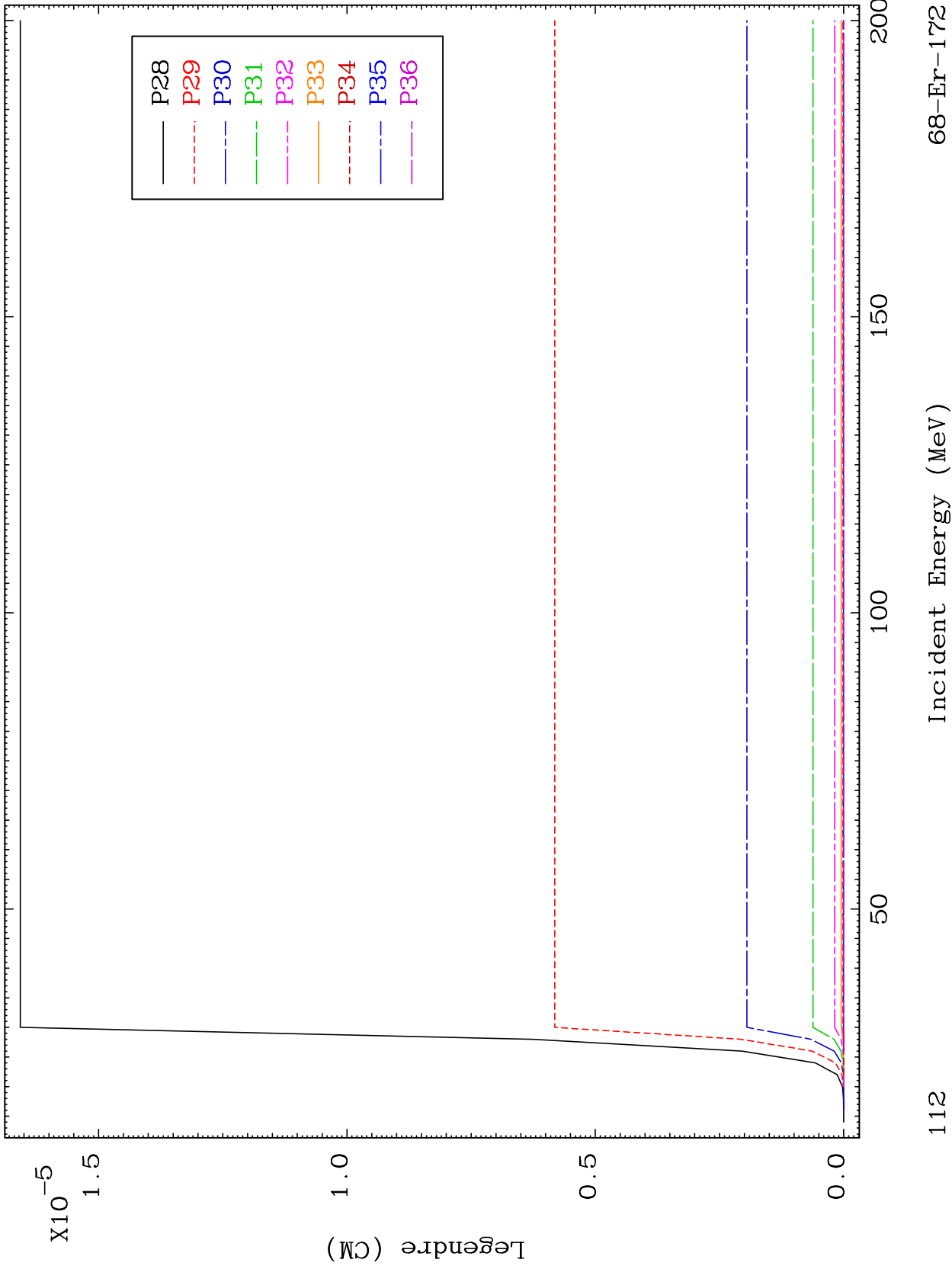
68-Er-172



MAT 6855

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

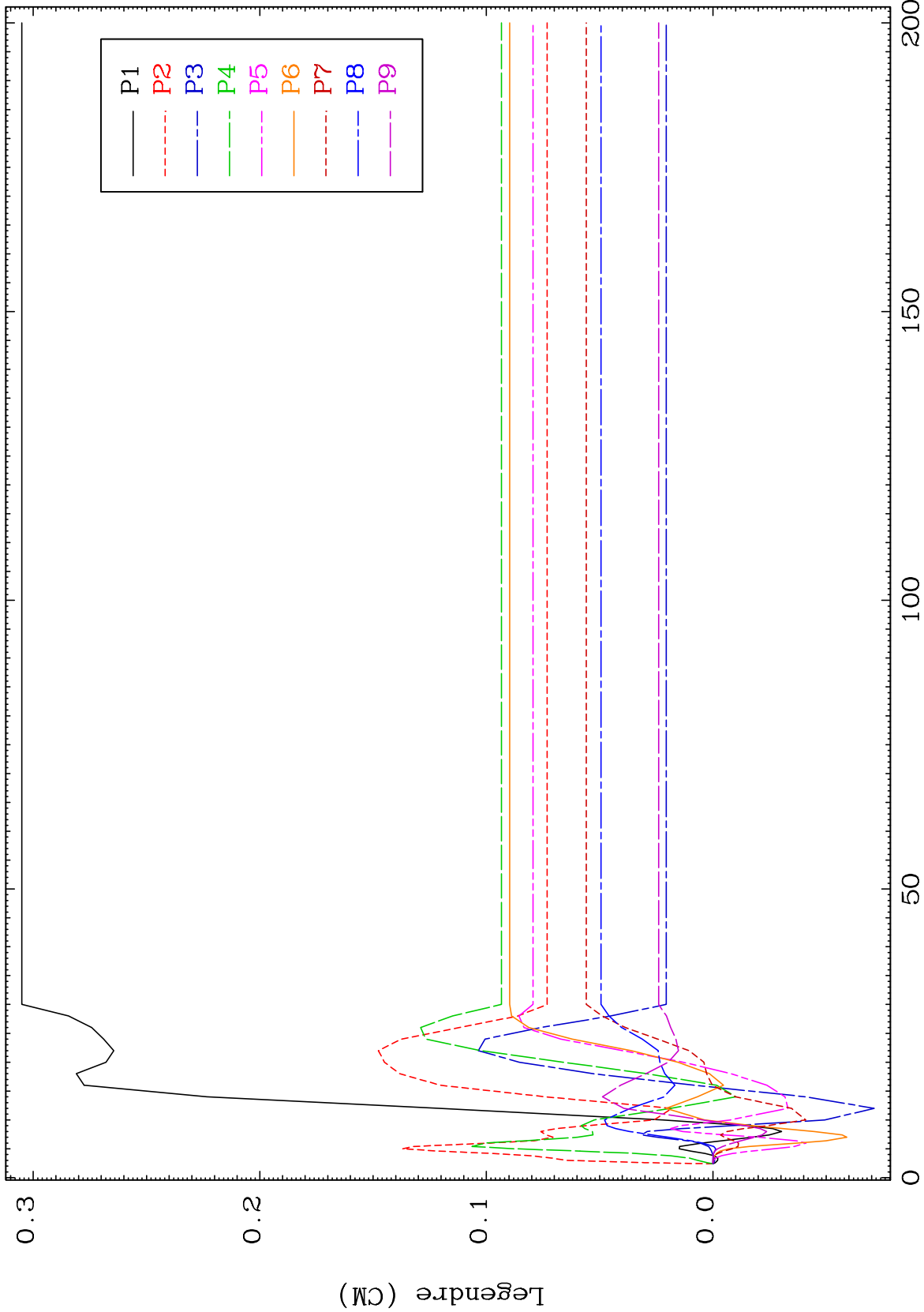
68-Er-172



MAT 6855

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

68-Er-172



113

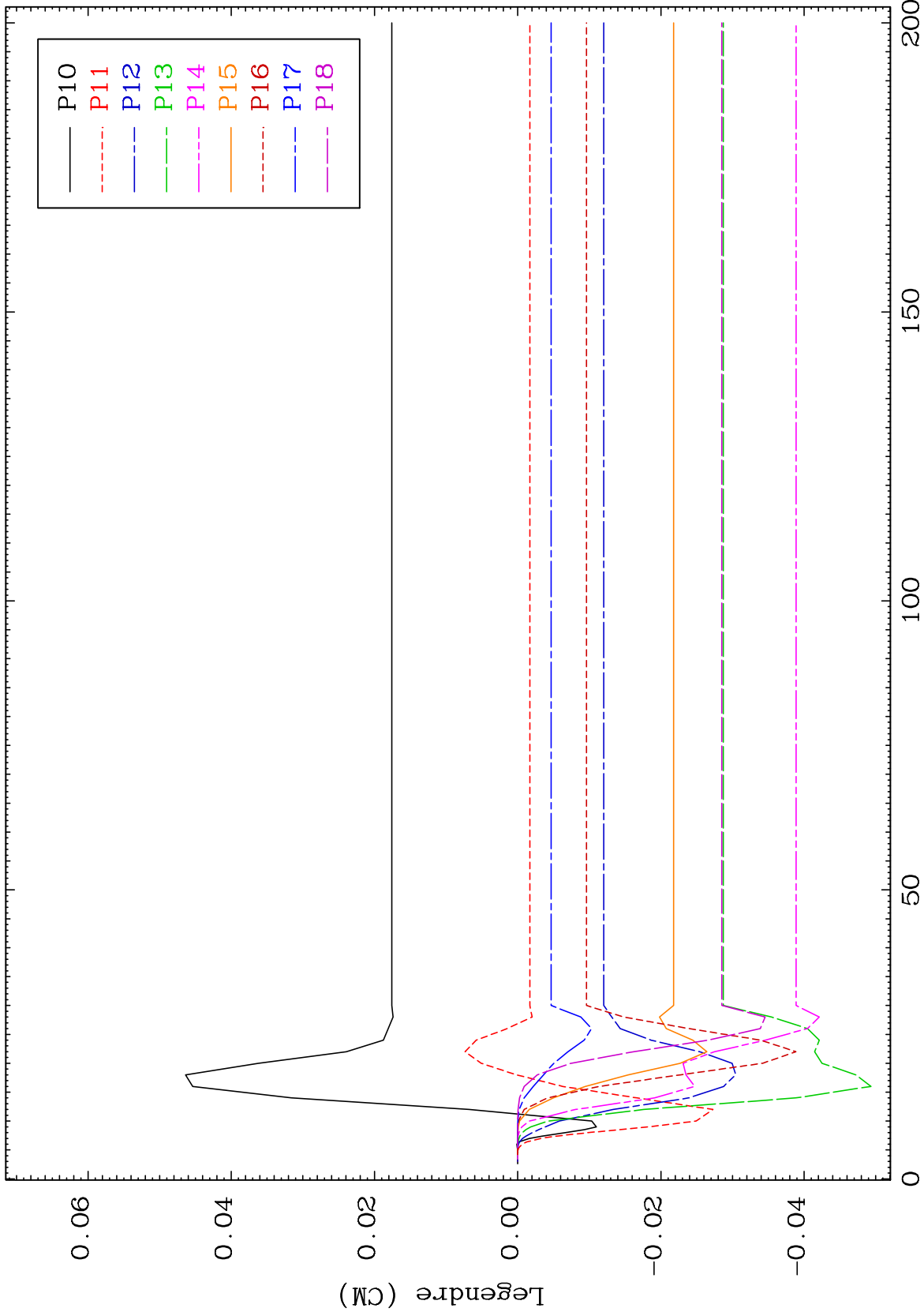
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



114

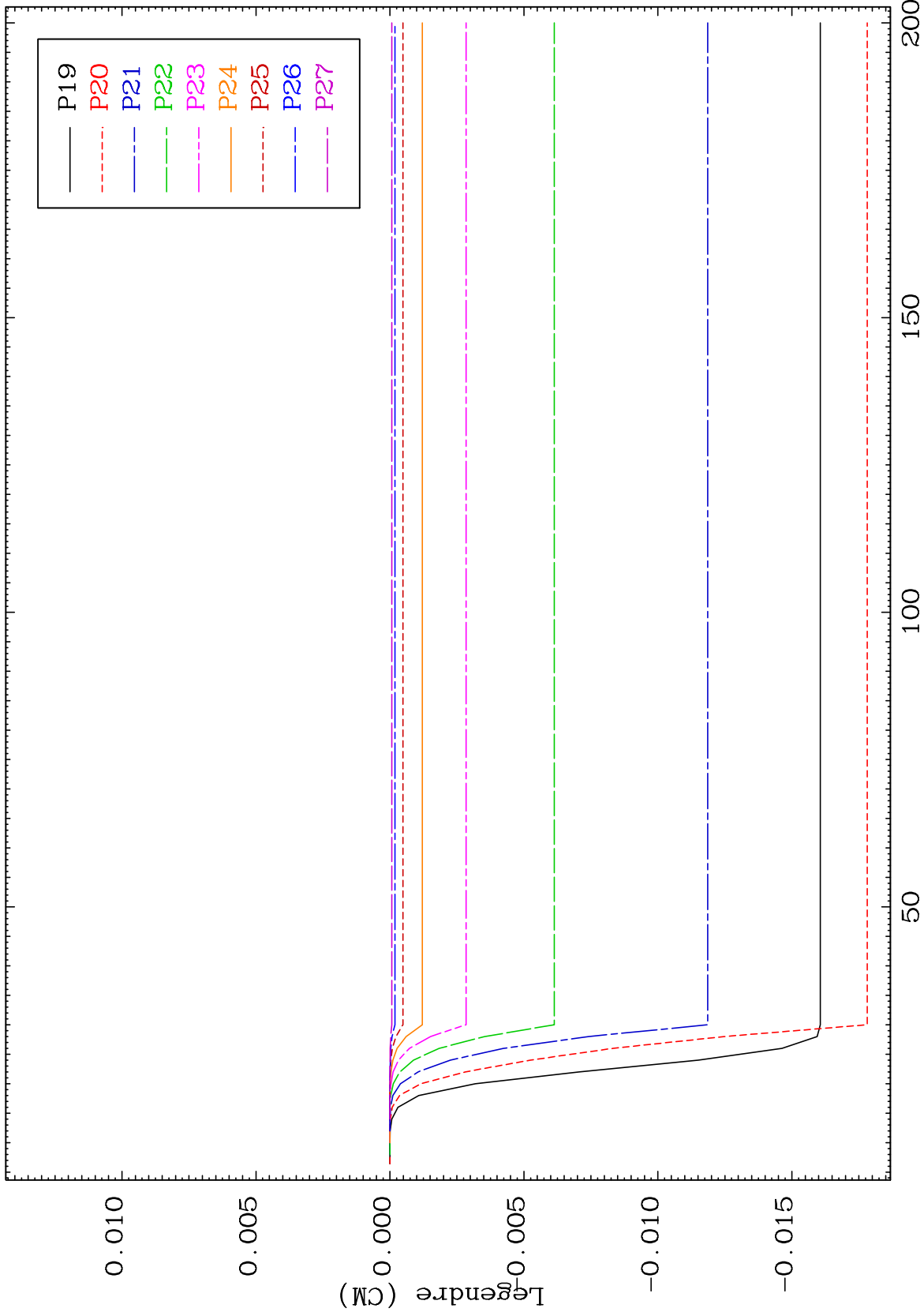
Incident Energy (MeV)

68-Er-172

MAT 6855

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

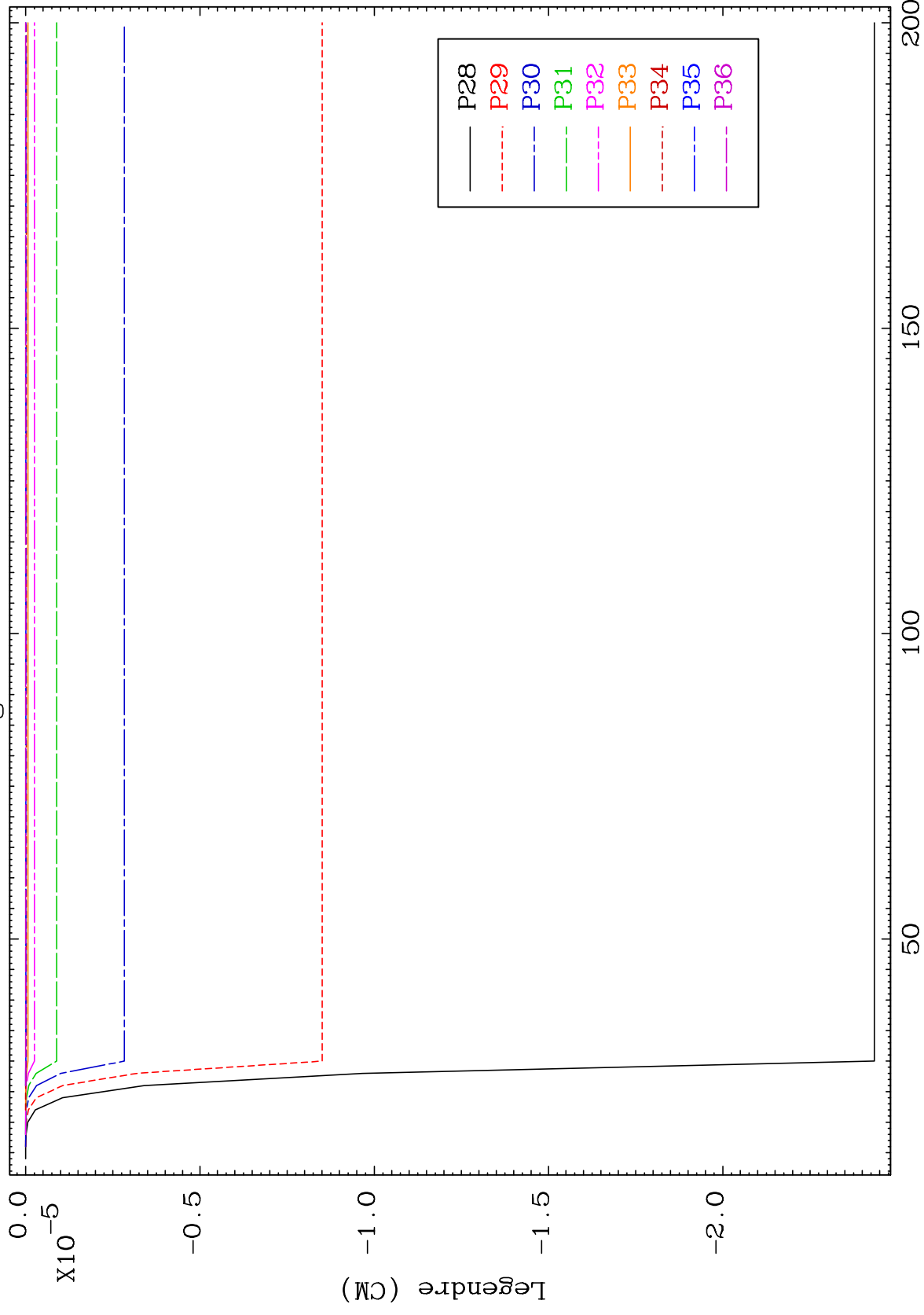
68-Er-172

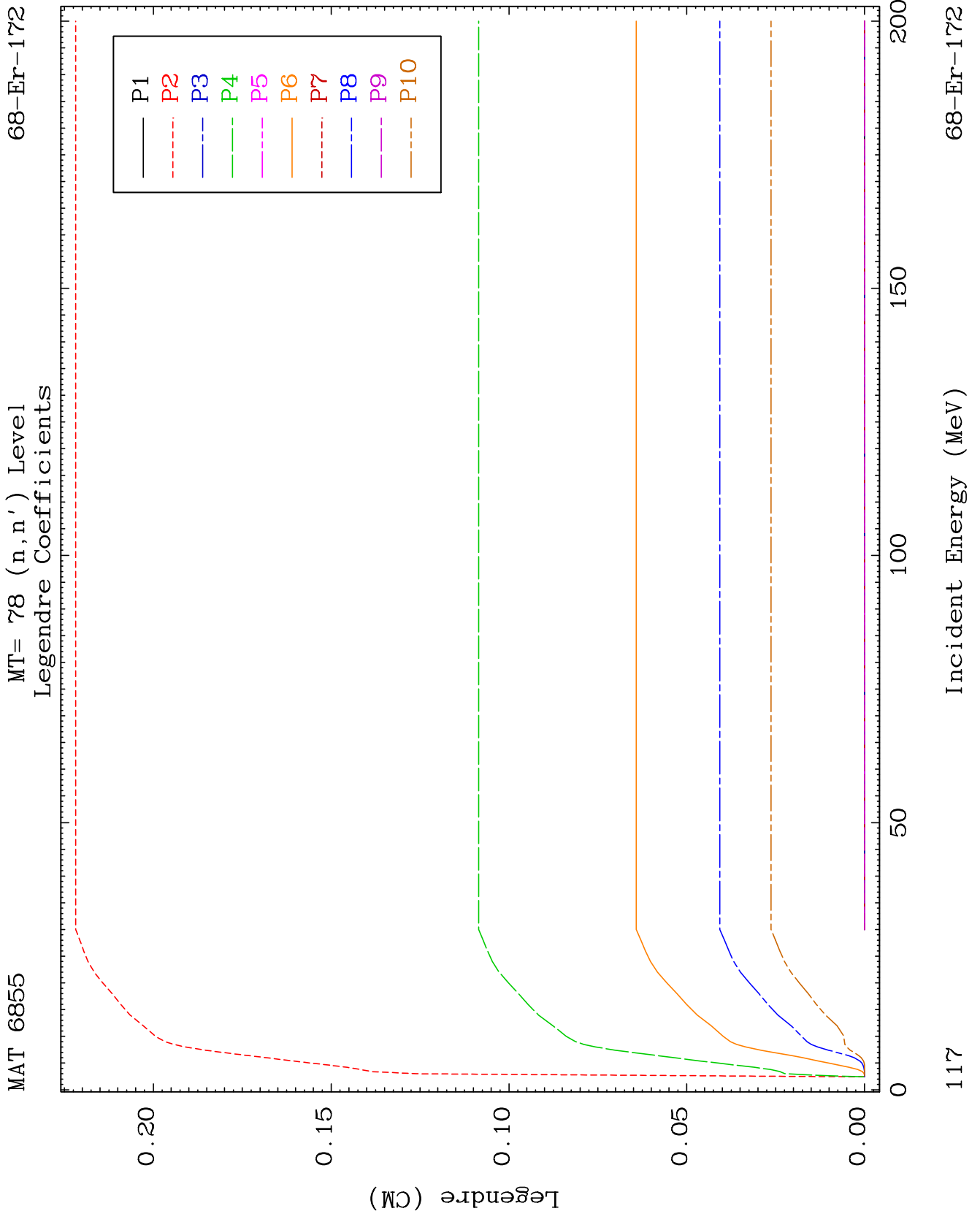


115

Incident Energy (MeV)

68-Er-172

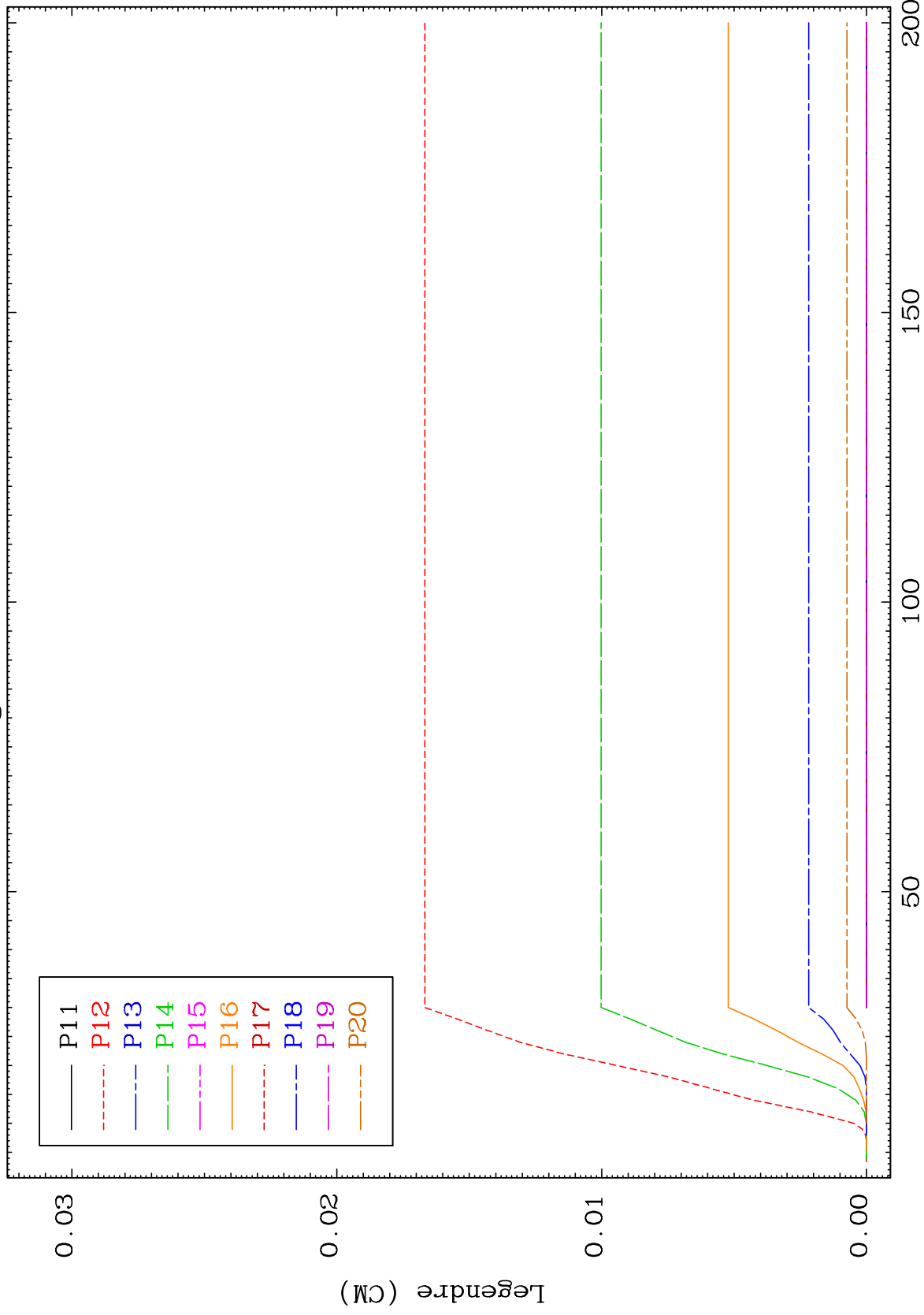




MAT 6855

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

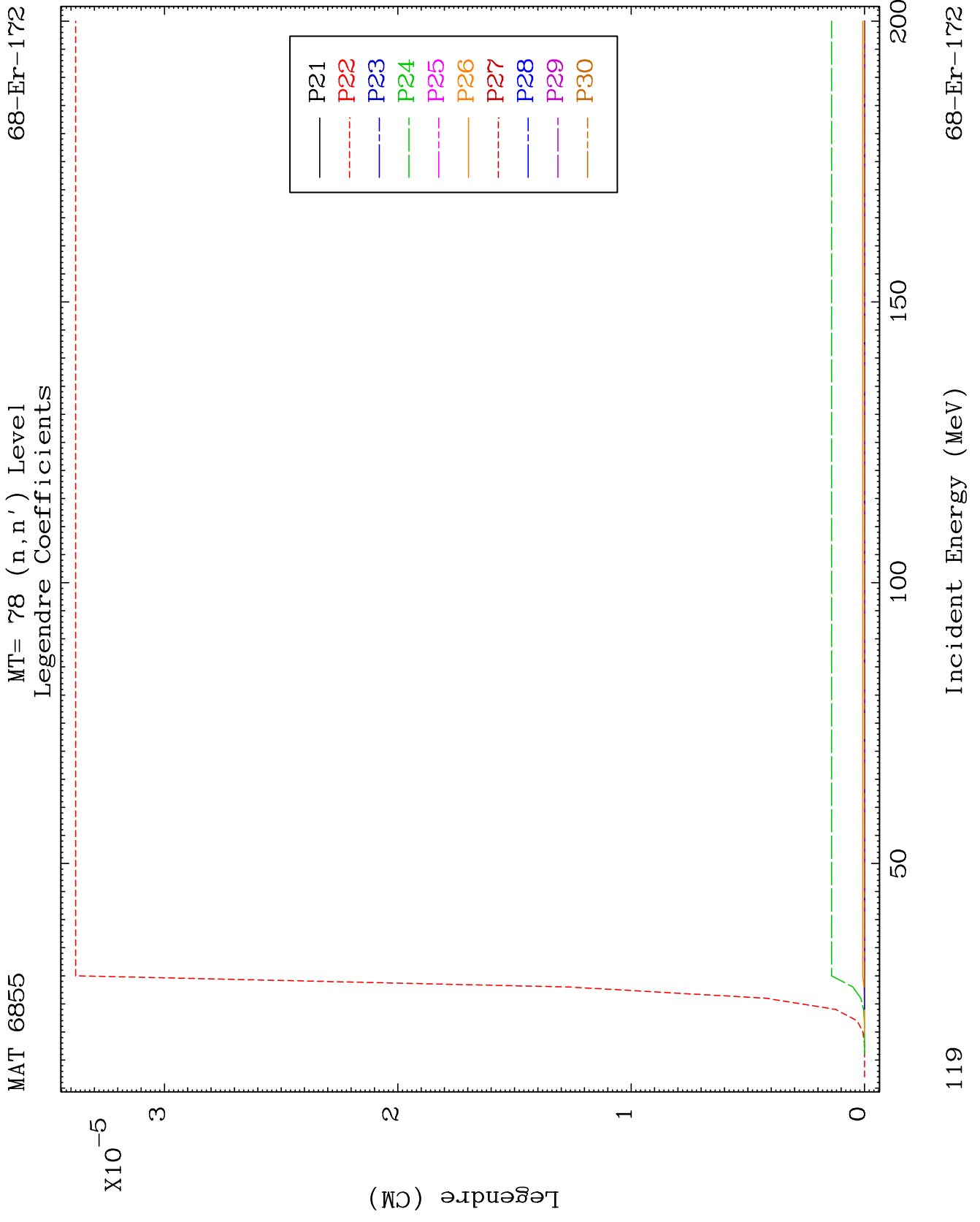
68-Er-172



118

Incident Energy (MeV)

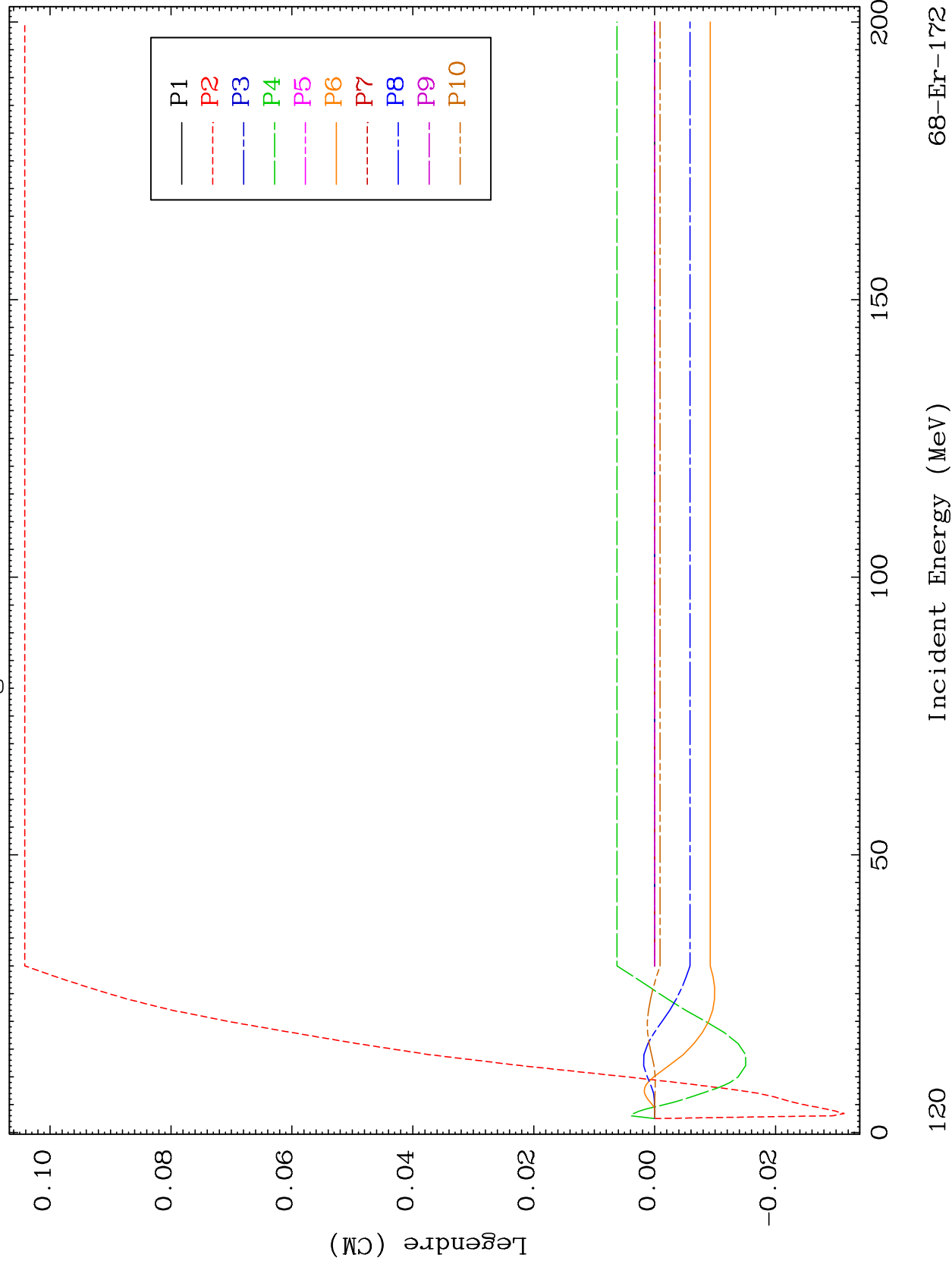
68-Er-172



MAT 6855

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

68-Er-172

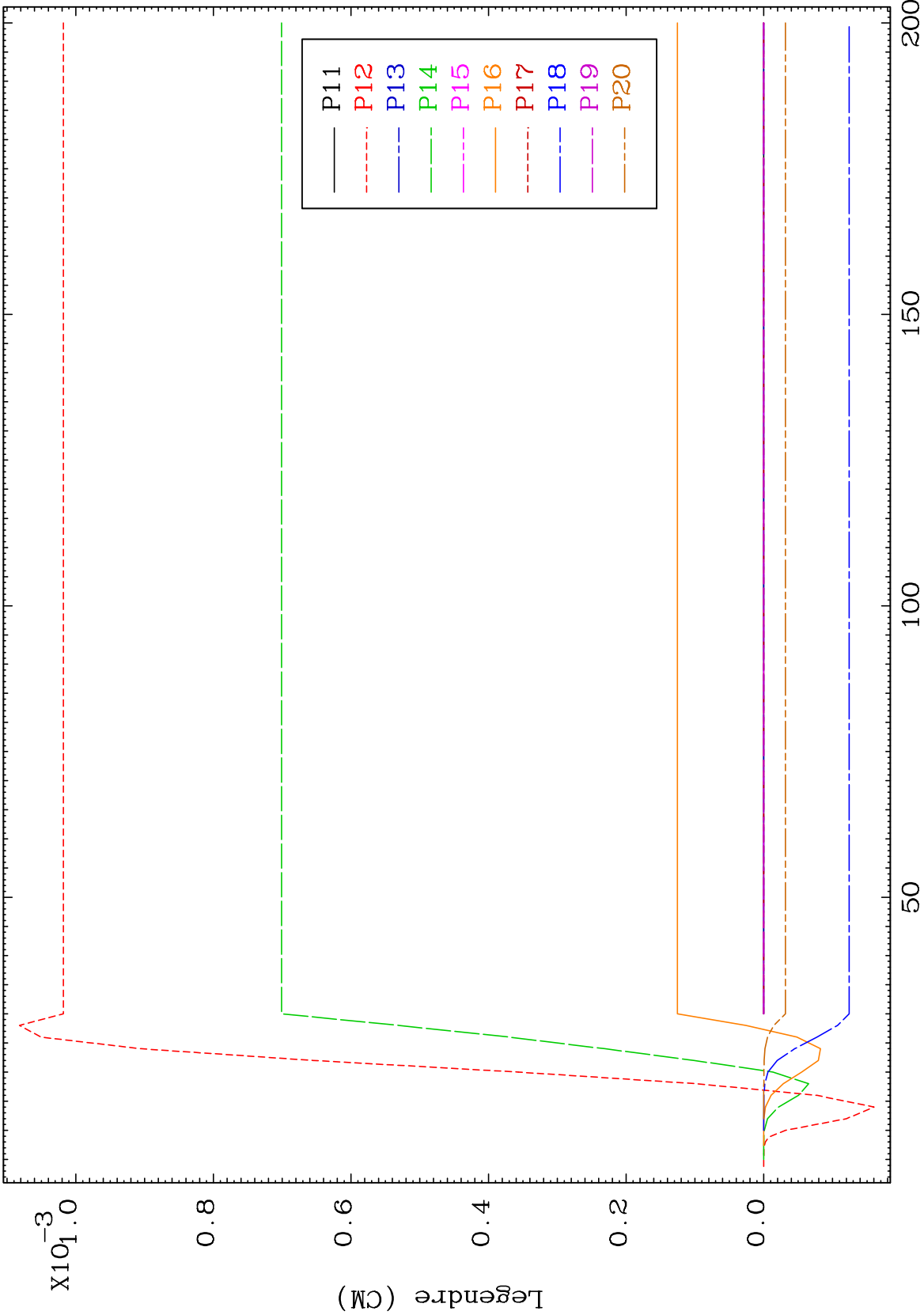


68-Er-172

MAT 6855

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

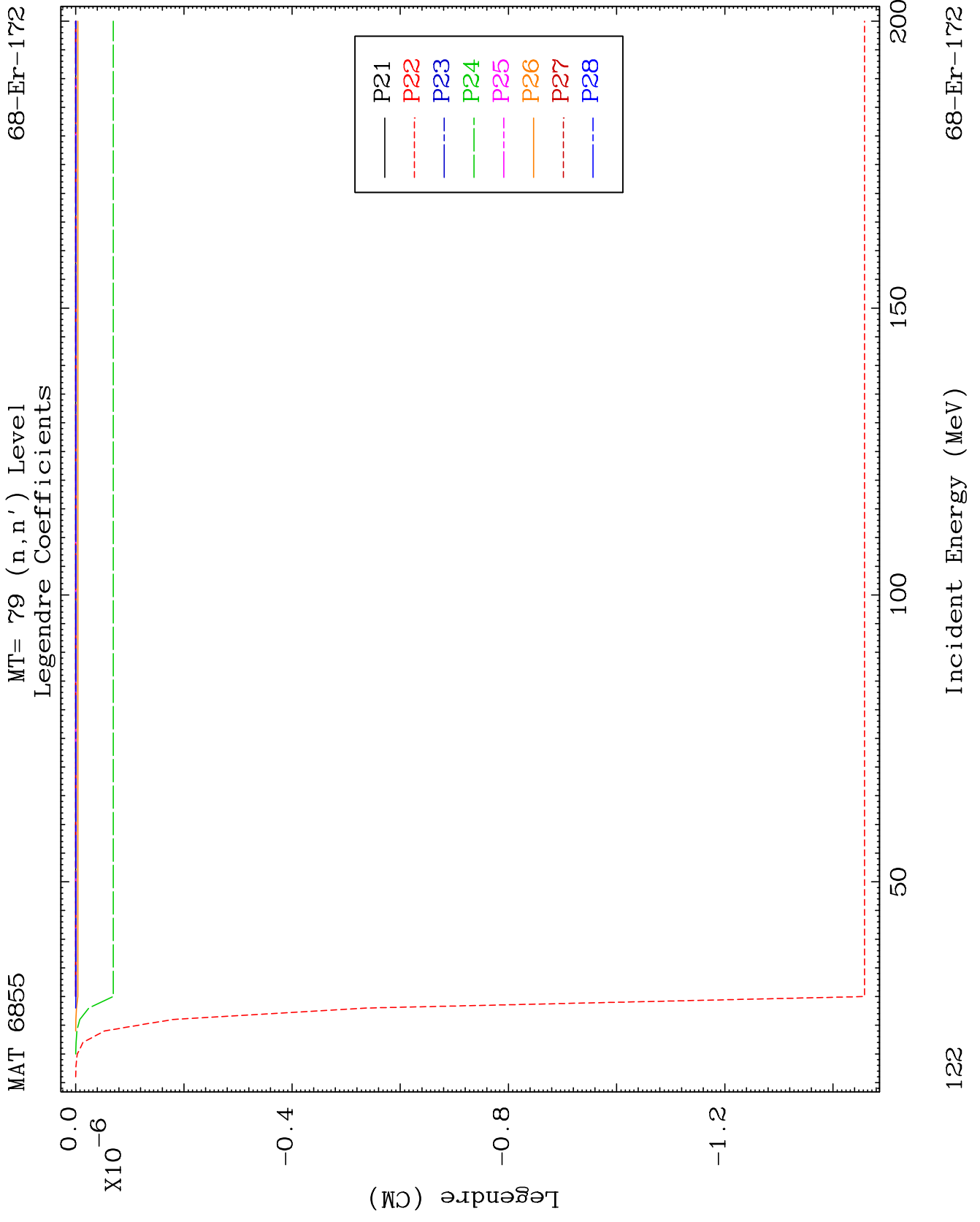
68-Er-172



121

Incident Energy (MeV)

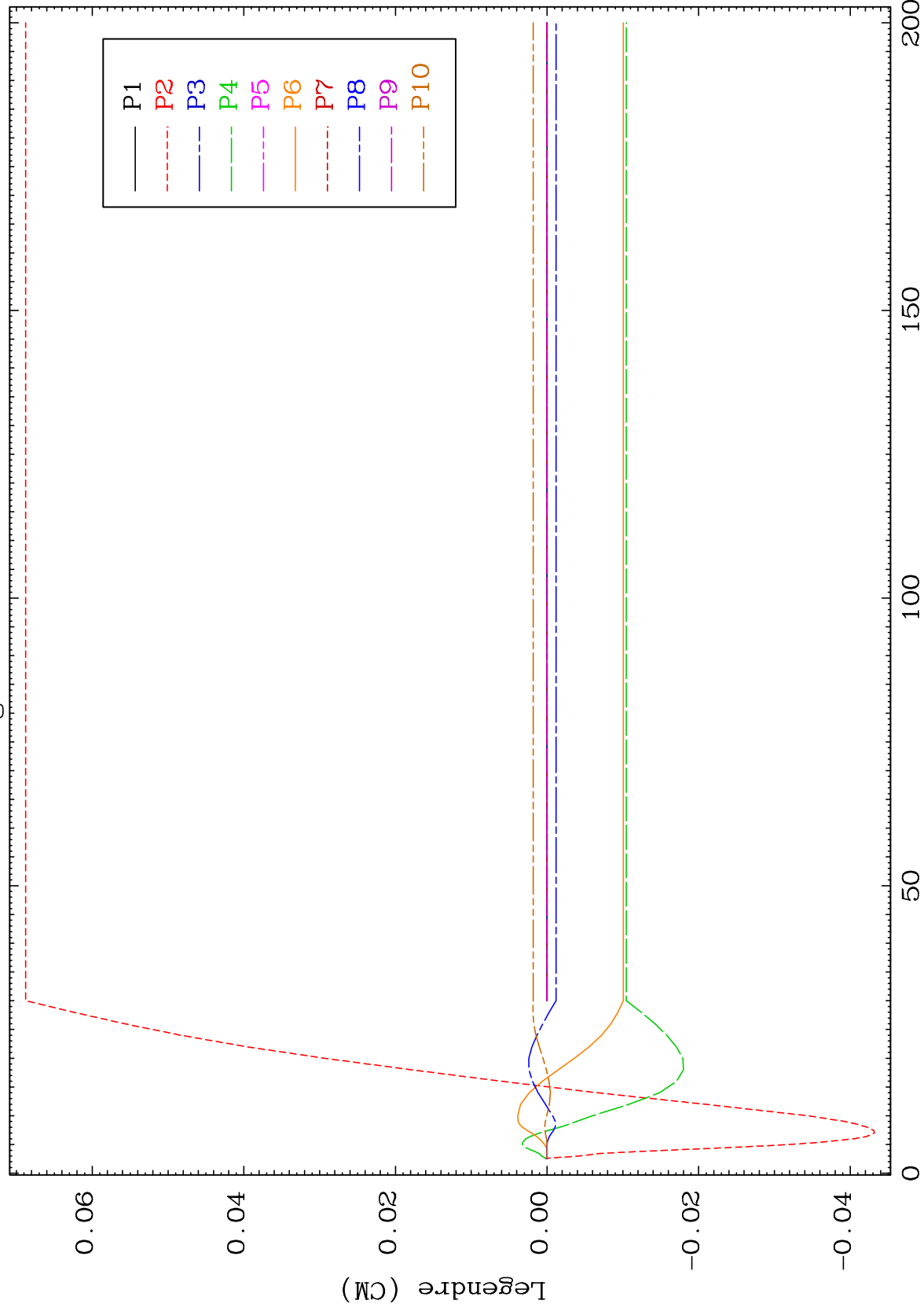
68-Er-172



MAT 6855

MT= 80 (n,n') Level
Legendre Coefficients

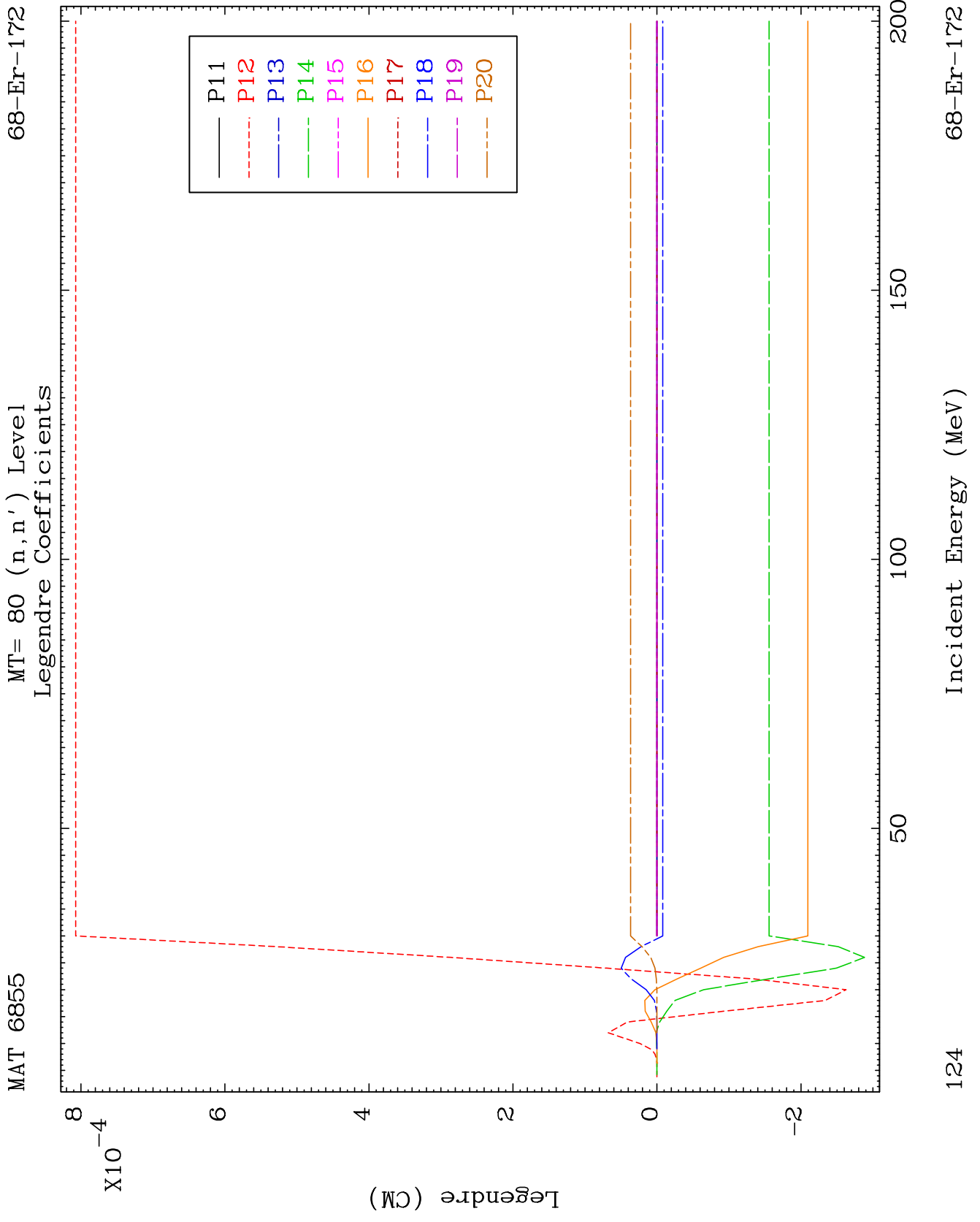
68-Er-172

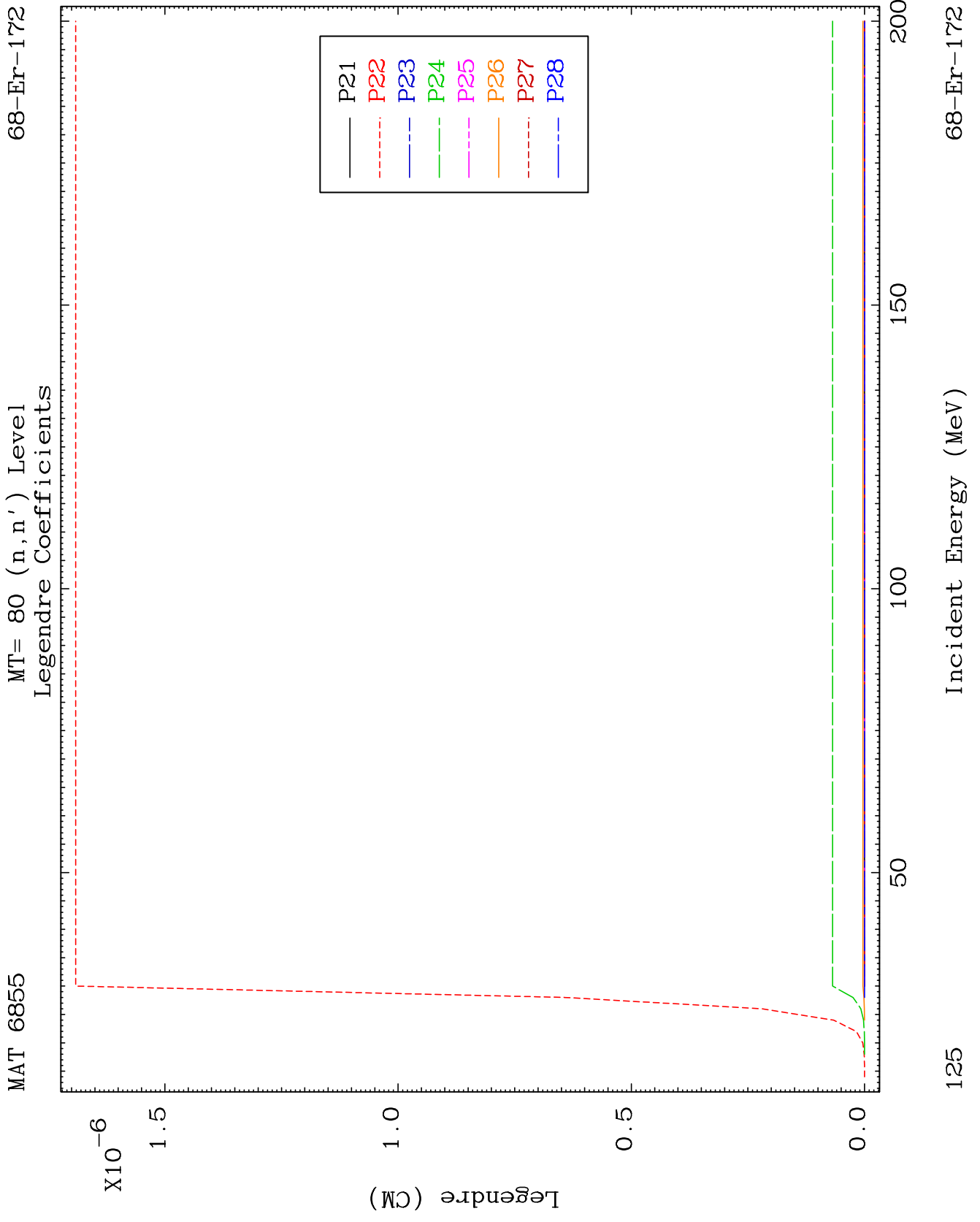


123

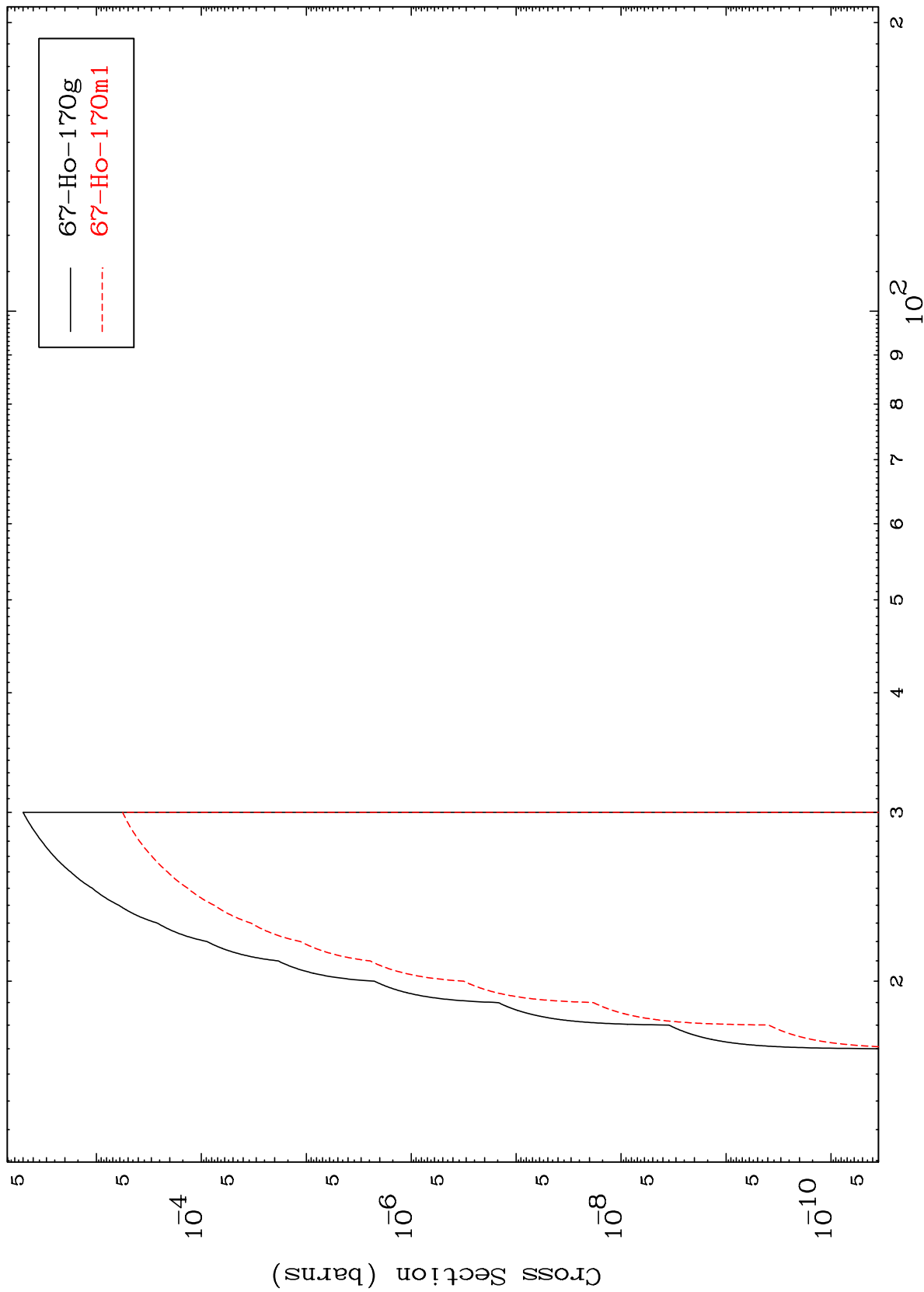
Incident Energy (MeV)

68-Er-172





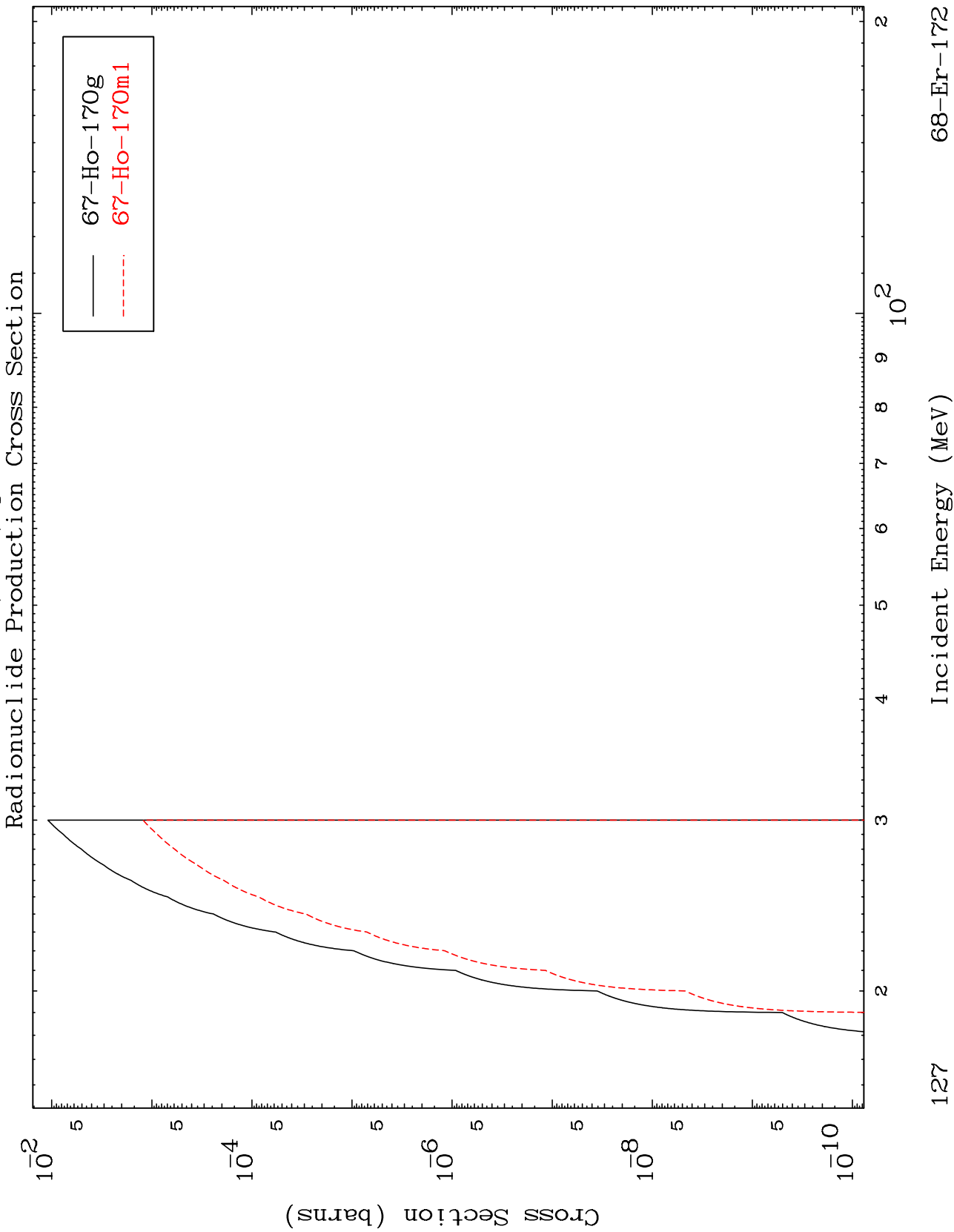
Radionuclide Production Cross Section



MAT 6855

(n,2n) p

68-Er-172



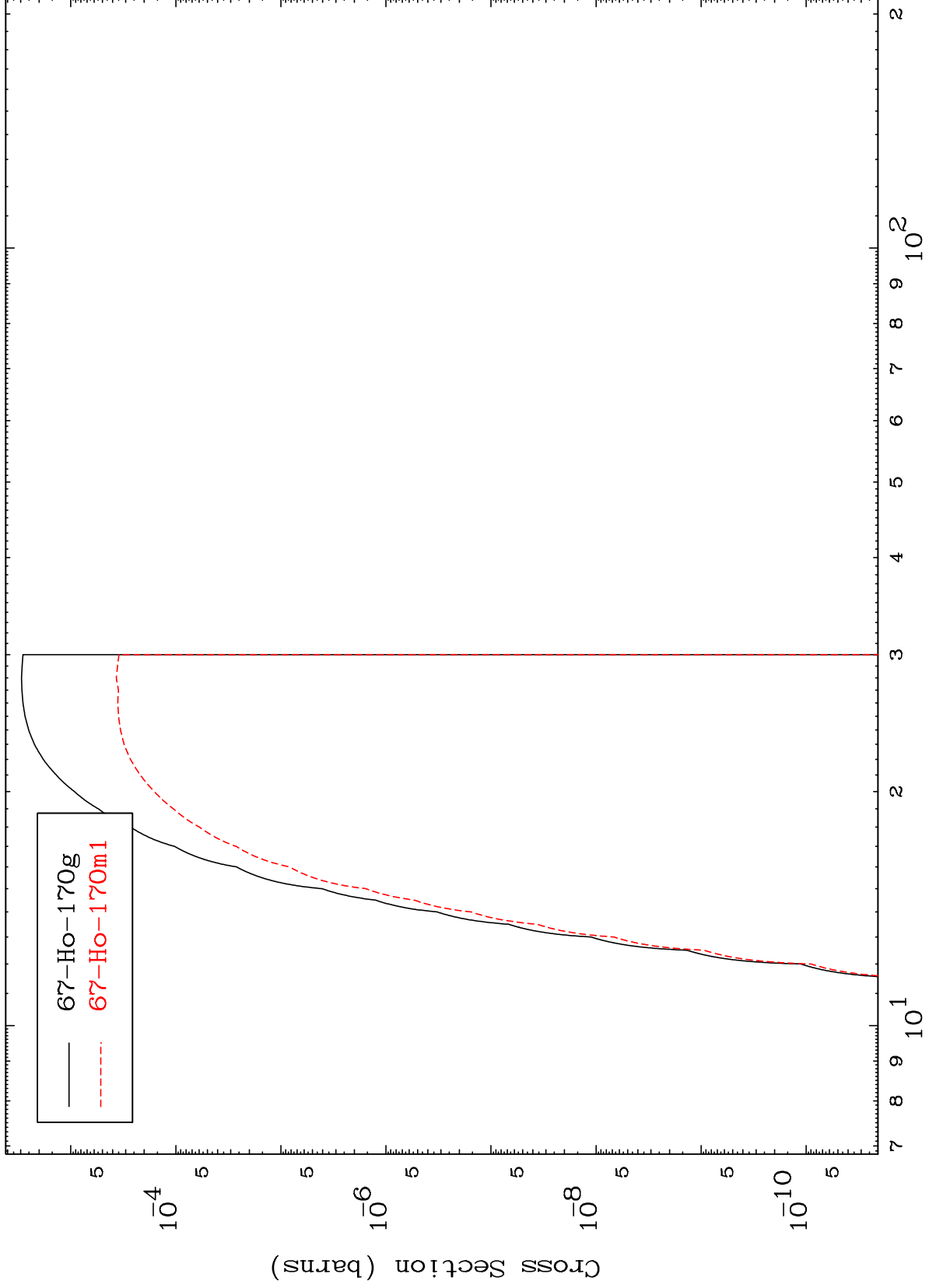
127

68-Er-172

MAT 6855

68-Er-172

(n, t)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

68-Er-172