

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

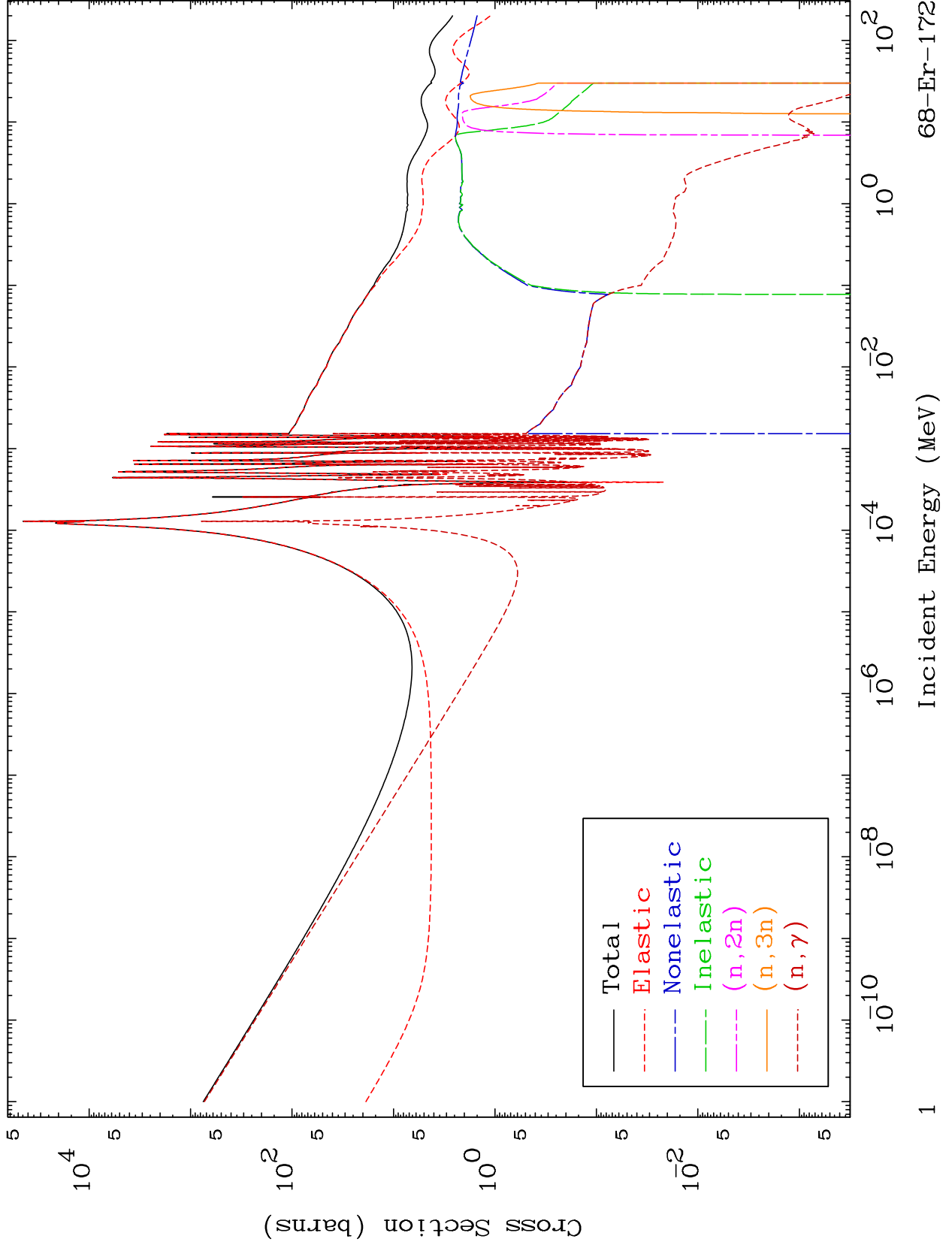
Web:redcullen1.net/HOMEPAGE.NEW

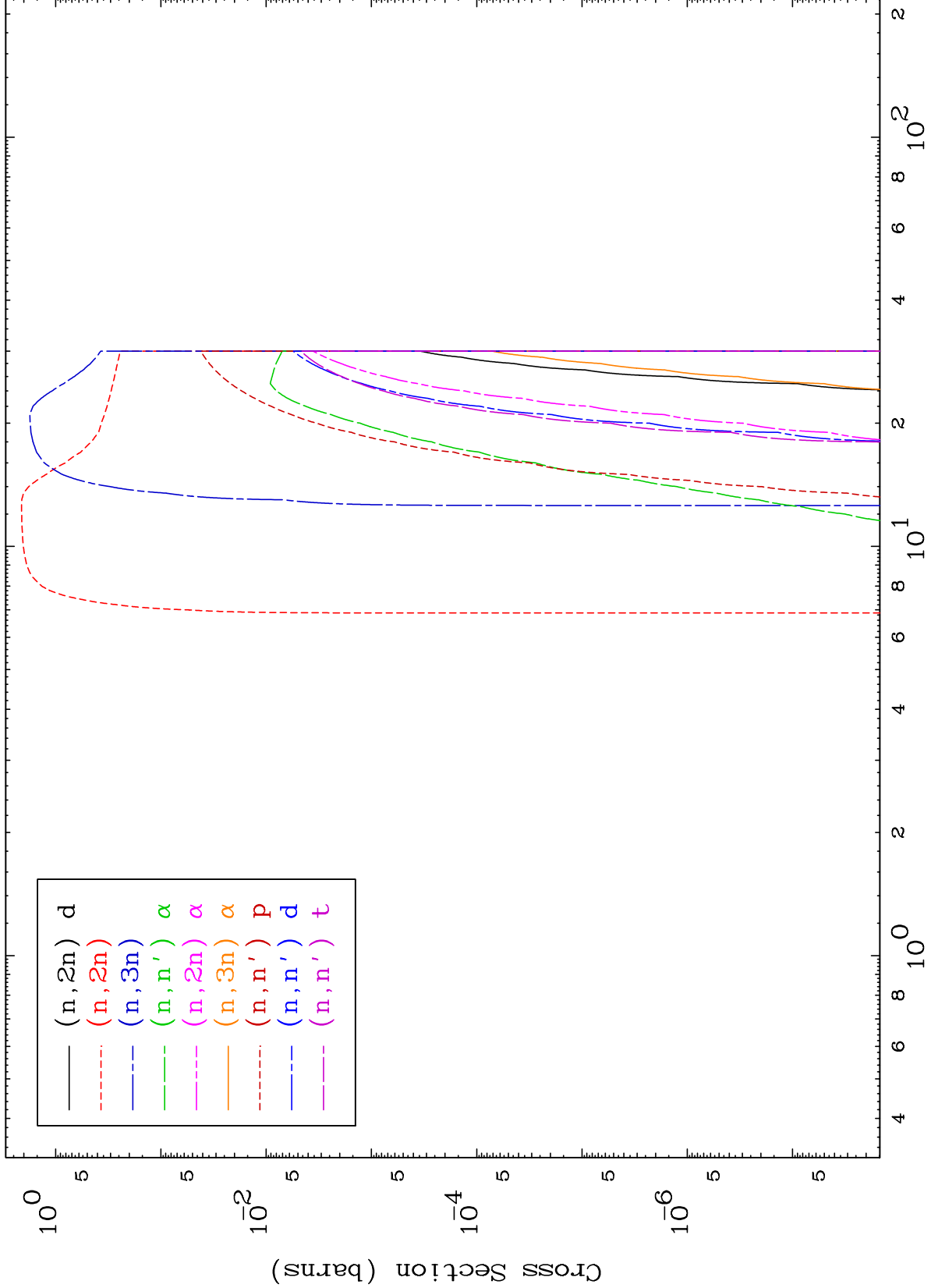
Press Mouse Button to Start

MAT 6855

Neutron Major
293 Kelvin Cross Sections

68-Er-172

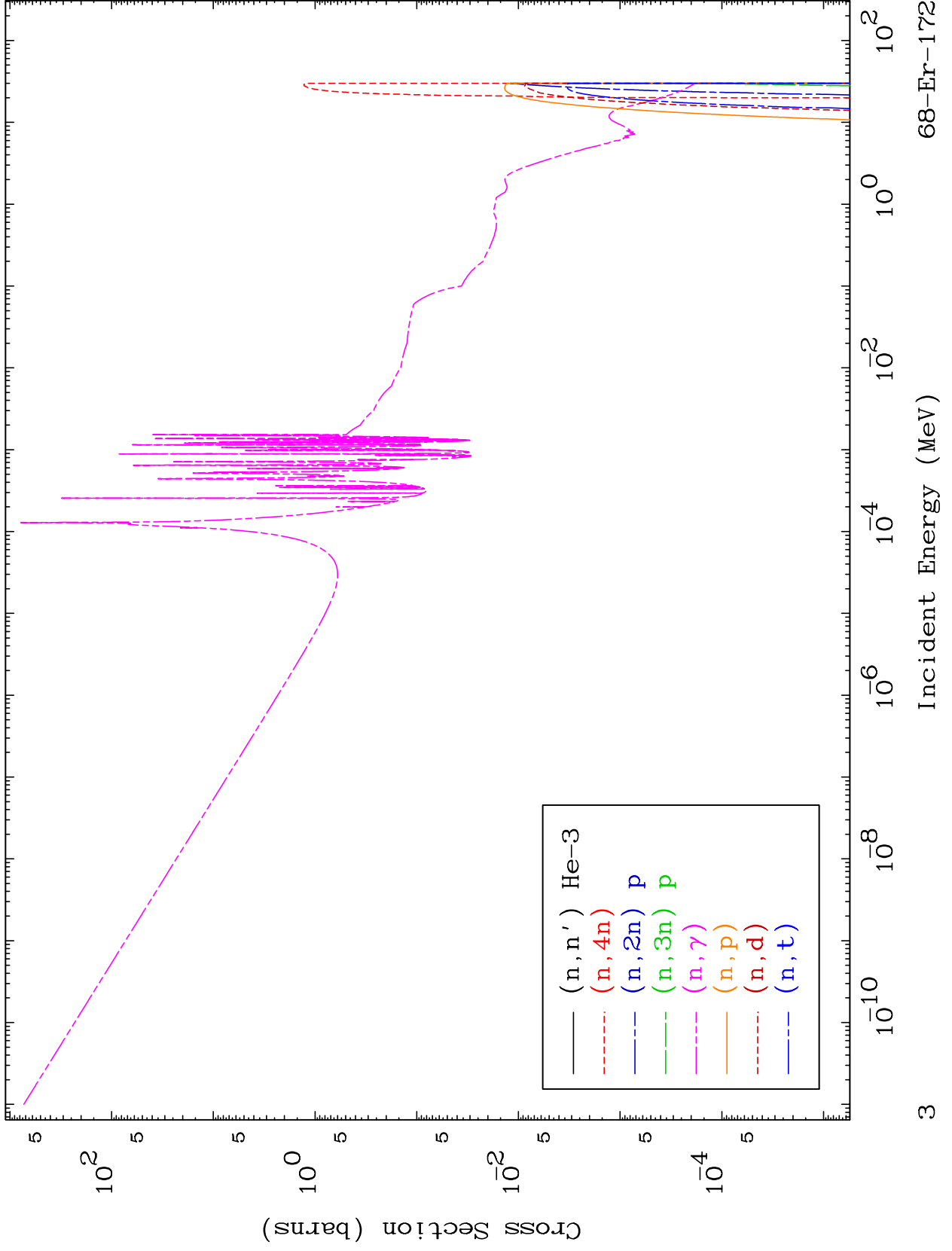




MAT 6855

Neutron Absorption
293 Kelvin Cross Sections

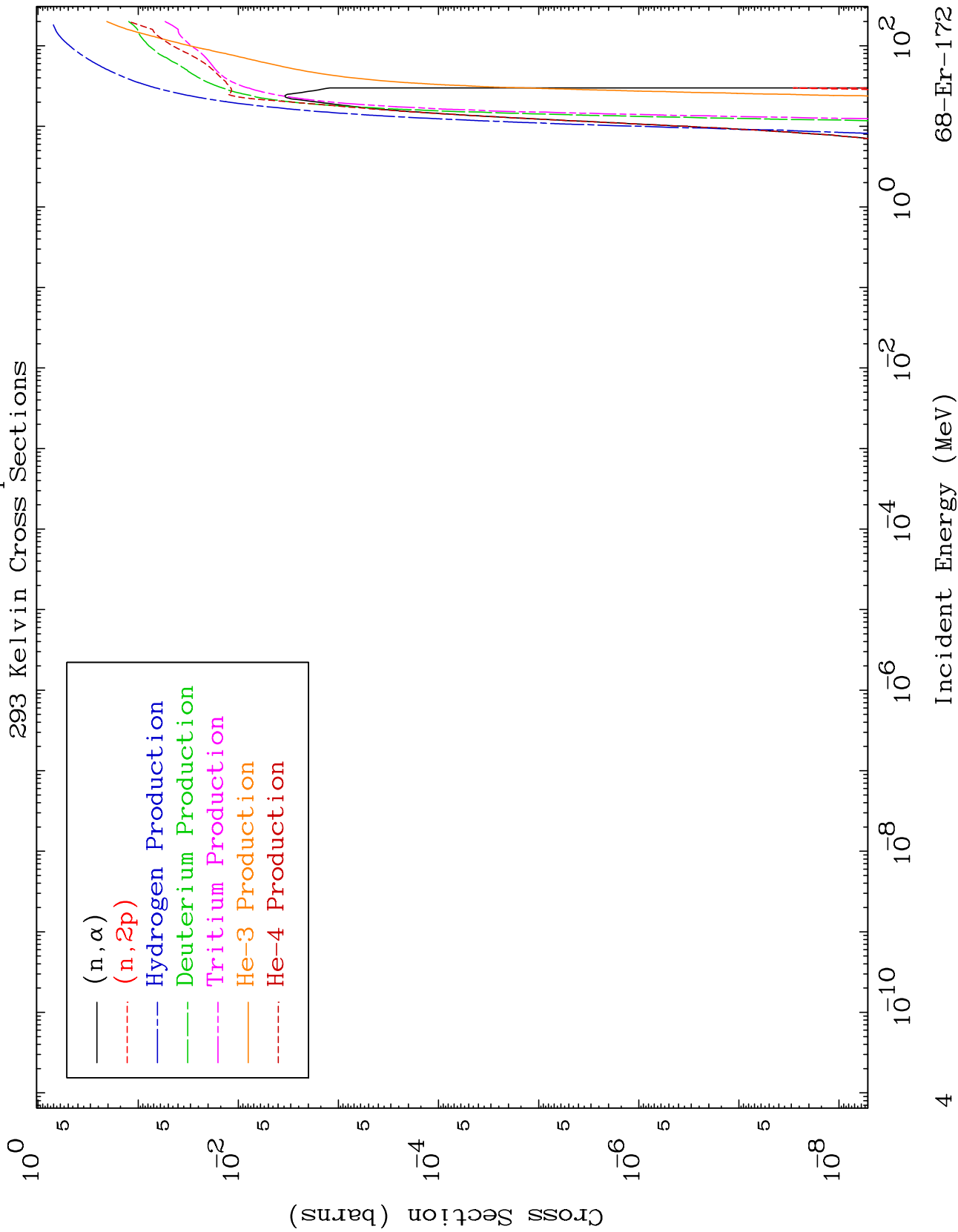
68-Er-172



MAT 6855

Neutron Absorption
293 Kelvin Cross Sections

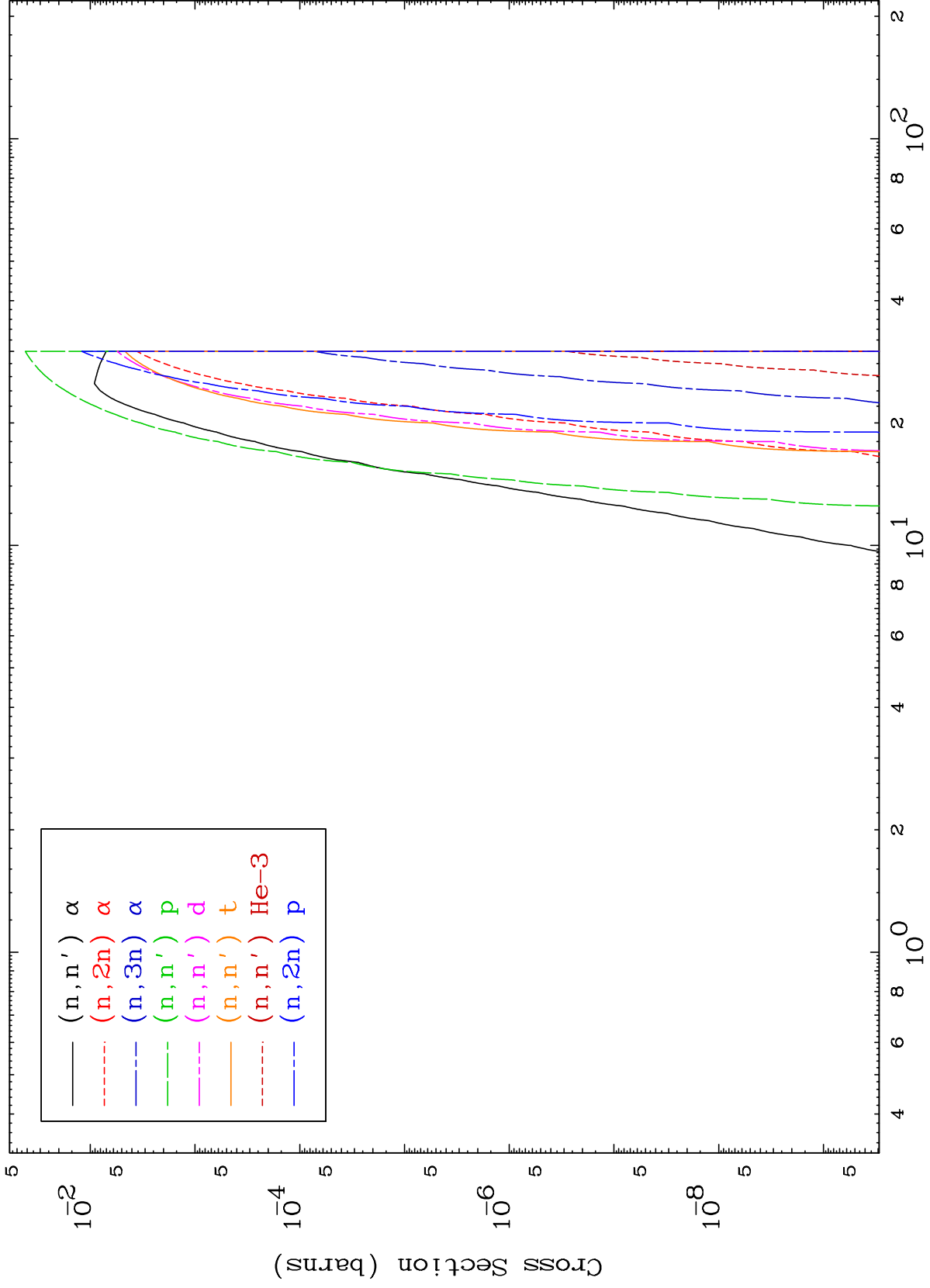
68-Er-172



MAT 6855

293 Kelvin Cross Sections
Charged Particle

68-Er-172



5

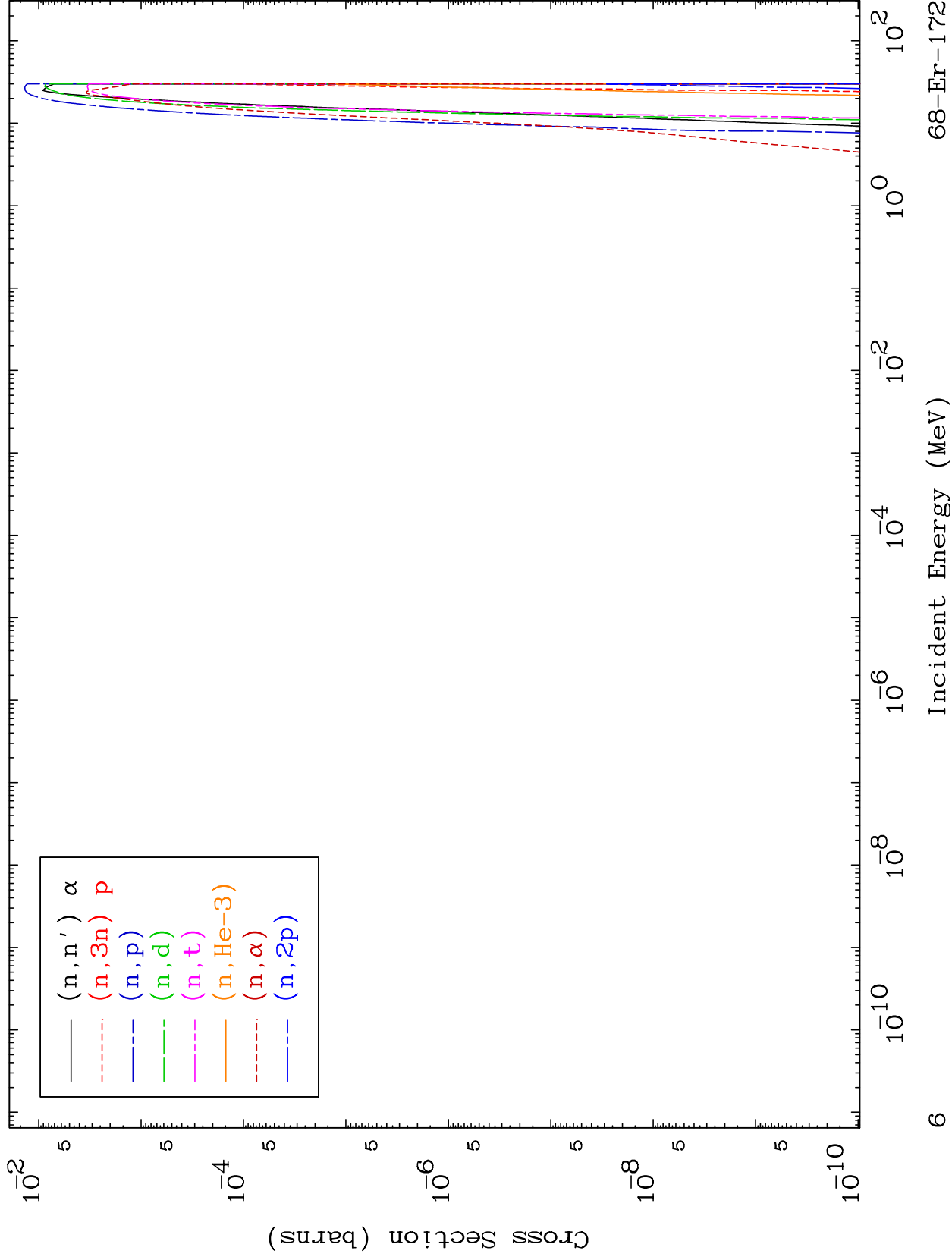
Incident Energy (MeV)

68-Er-172

MAT 6855

Charged Particle
293 Kelvin Cross Sections

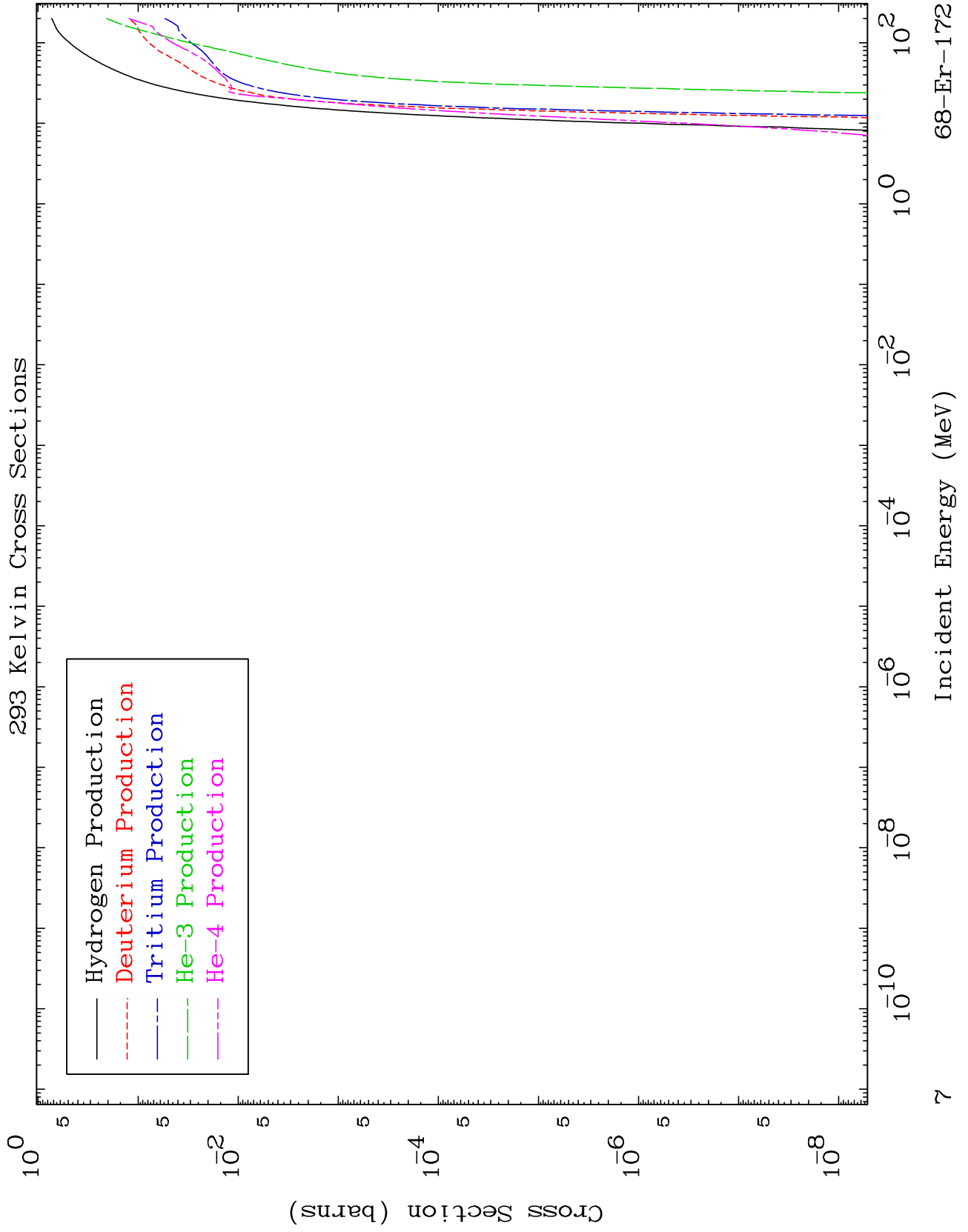
68-Er-172



MAT 6855

Particle Production
293 Kelvin Cross Sections

68-Er-172

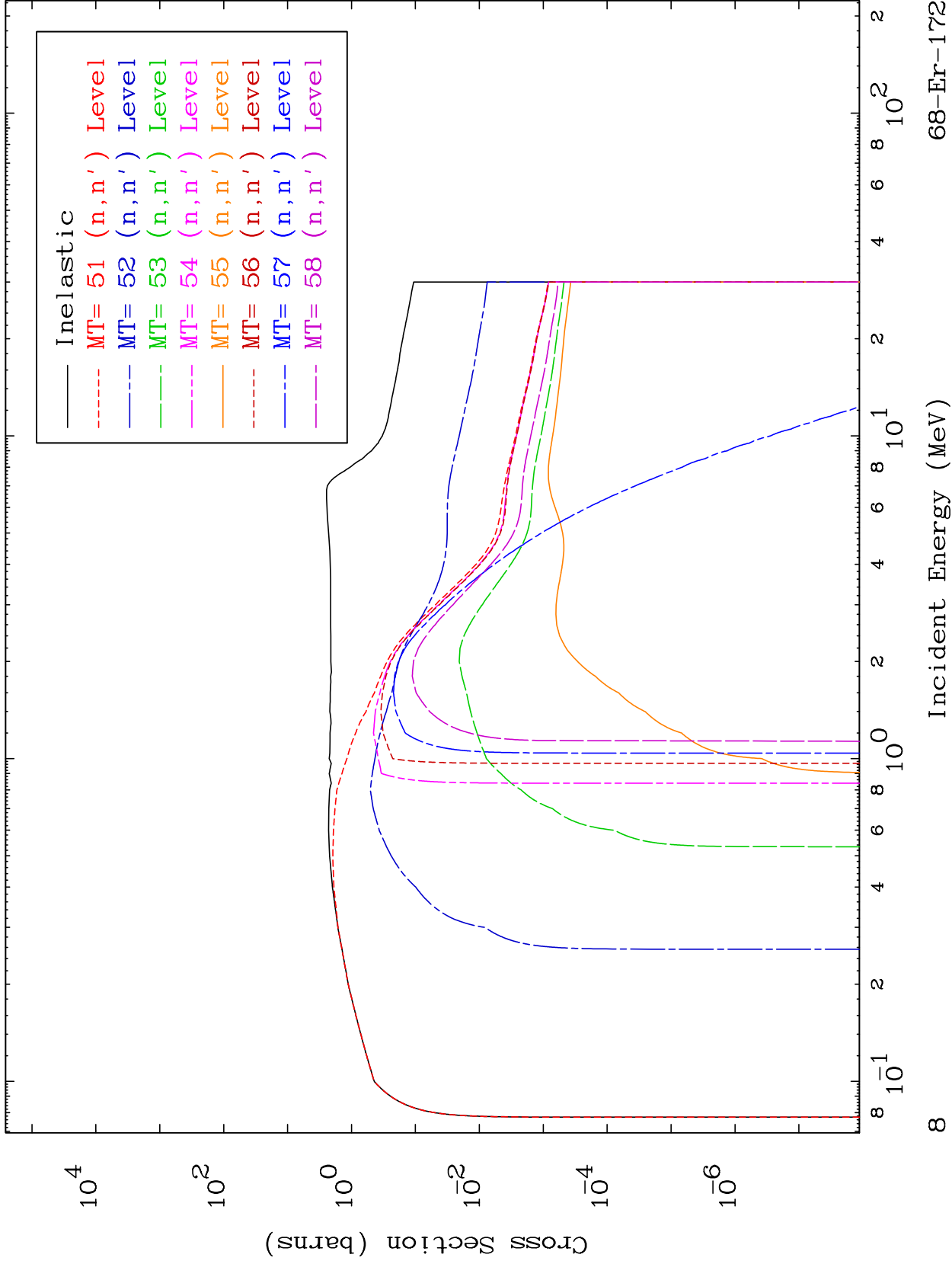


MAT 6855

(n,n') Levels

68-Er-172

293 Kelvin Cross Sections



8

Incident Energy (MeV)

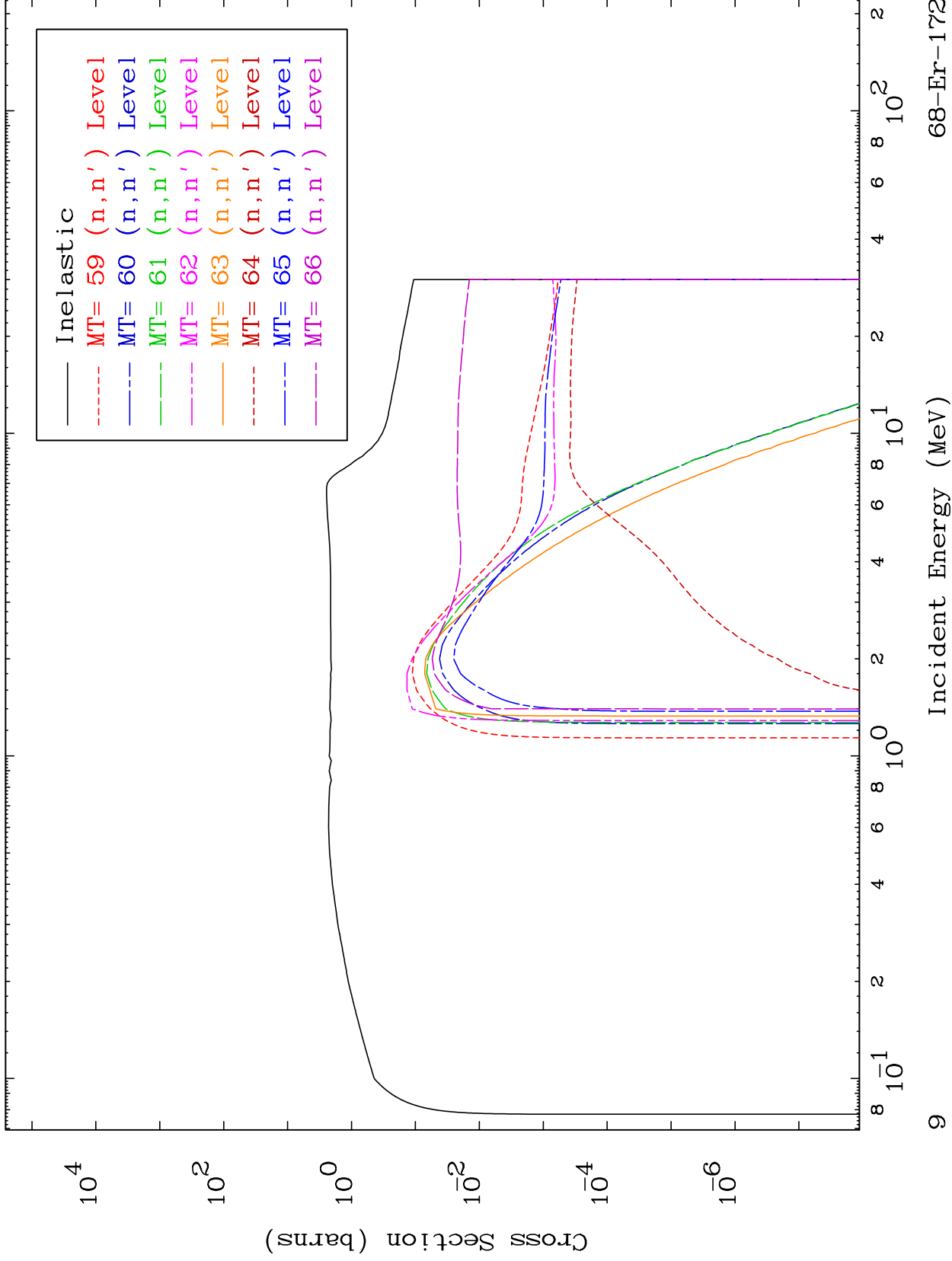
68-Er-172

MAT 6855

(n,n') Levels

68-Er-172

293 Kelvin Cross Sections



9

Incident Energy (MeV)

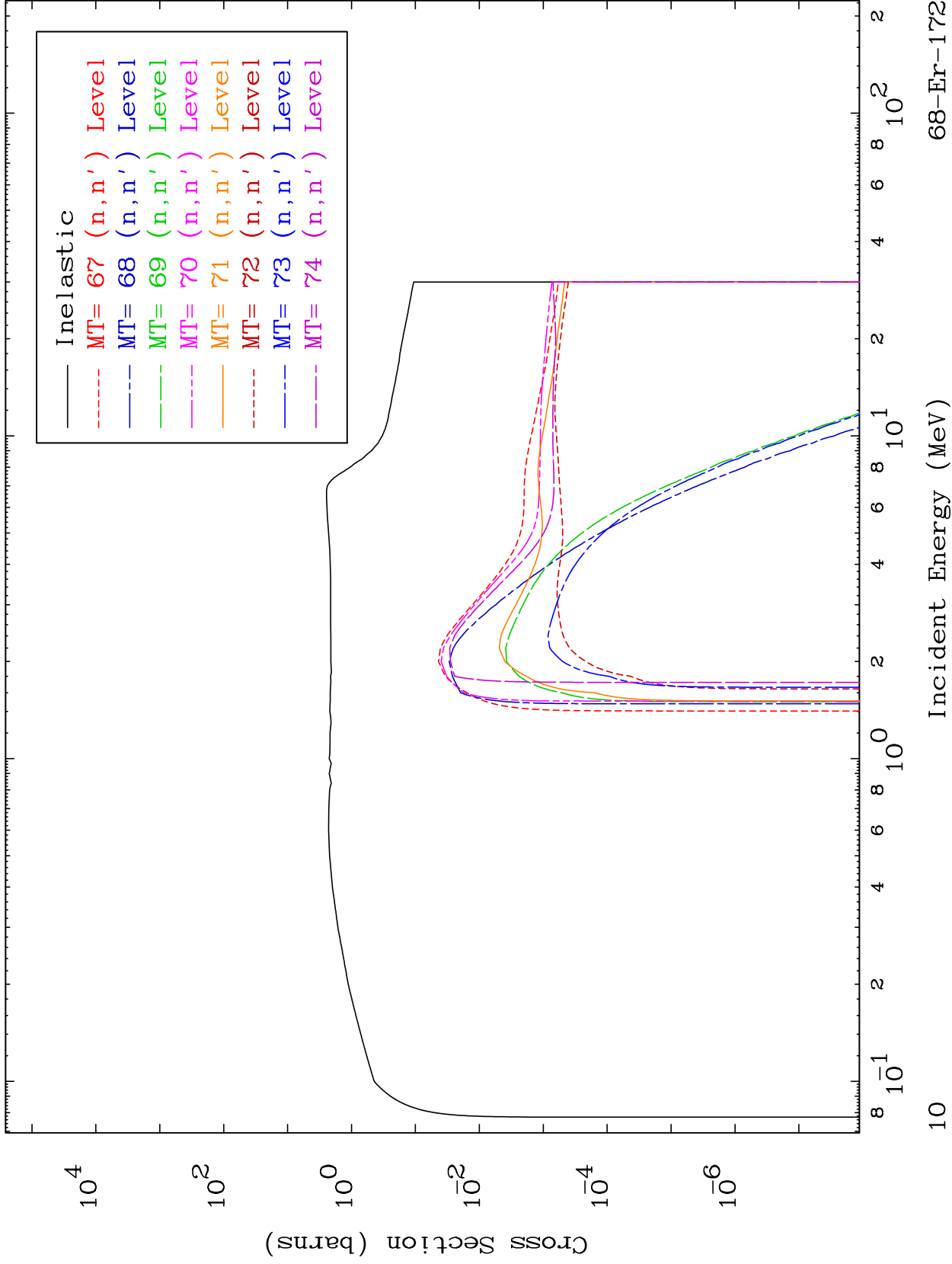
68-Er-172

MAT 6855

(n,n') Levels

68-Er-172

293 Kelvin Cross Sections



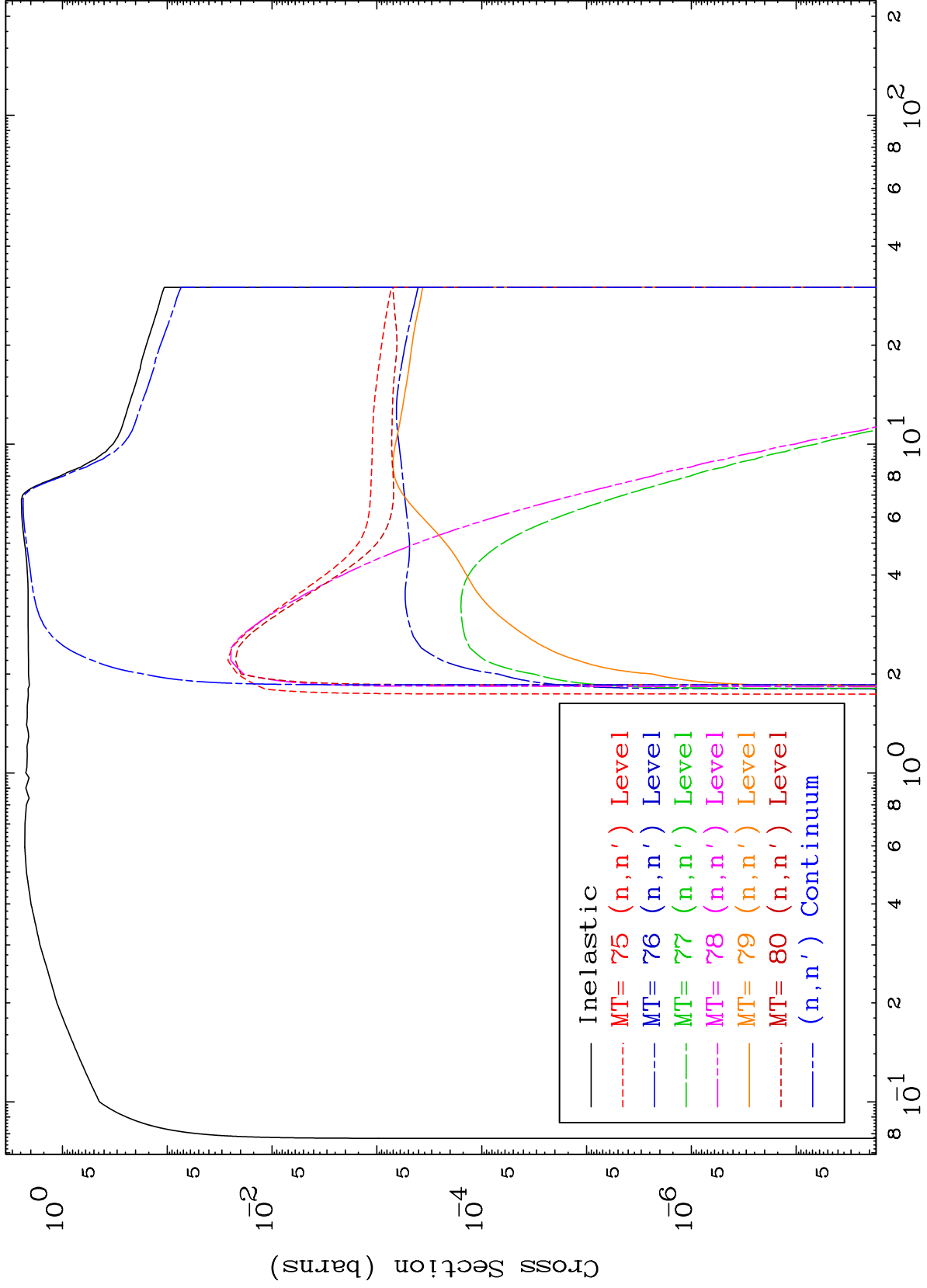
68-Er-172

MAT 6855

(n,n') Levels

68-Er-172

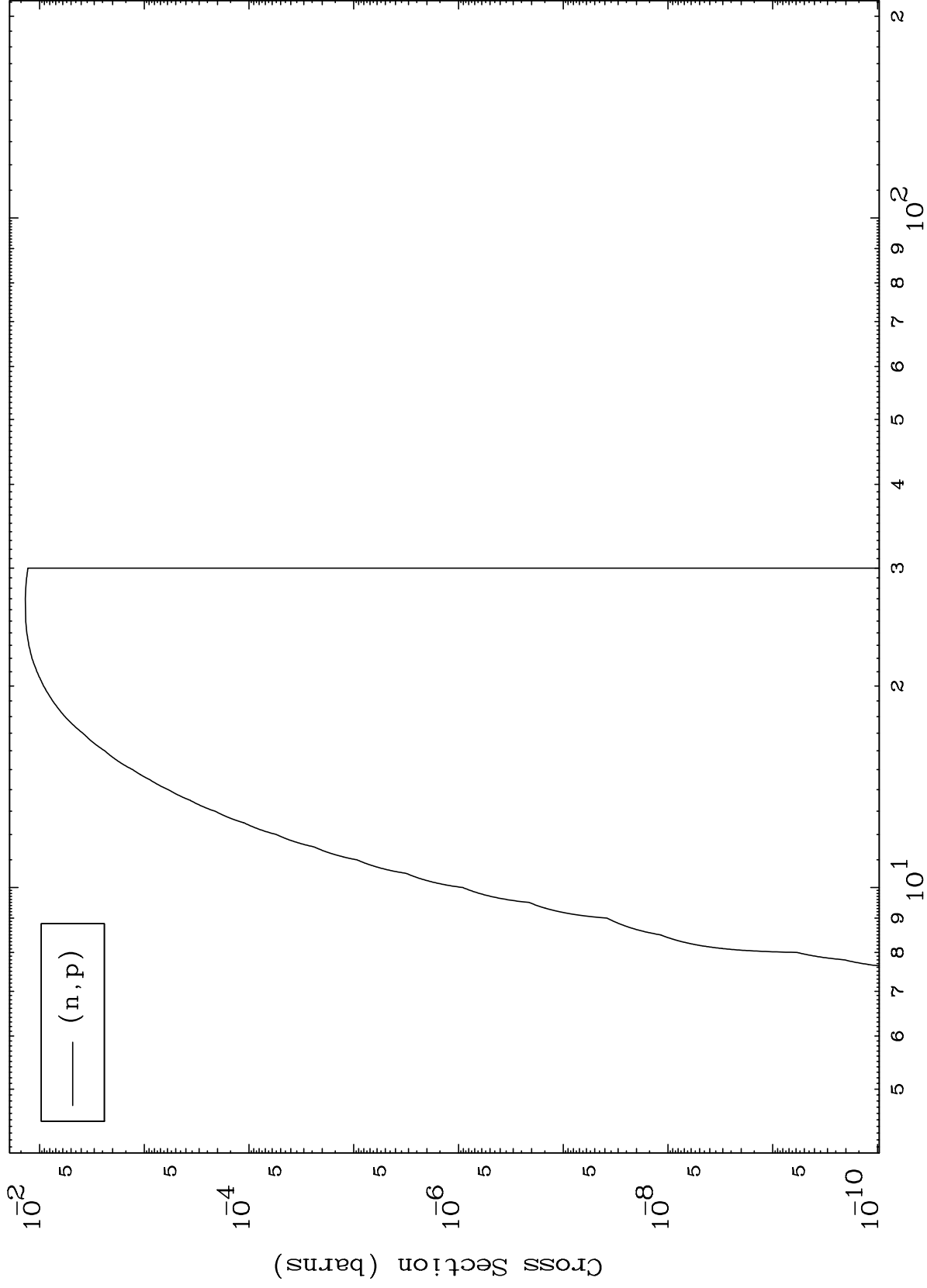
293 Kelvin Cross Sections



MAT 6855

(n,p) Levels
293 Kelvin Cross Sections

68-Er-172



12

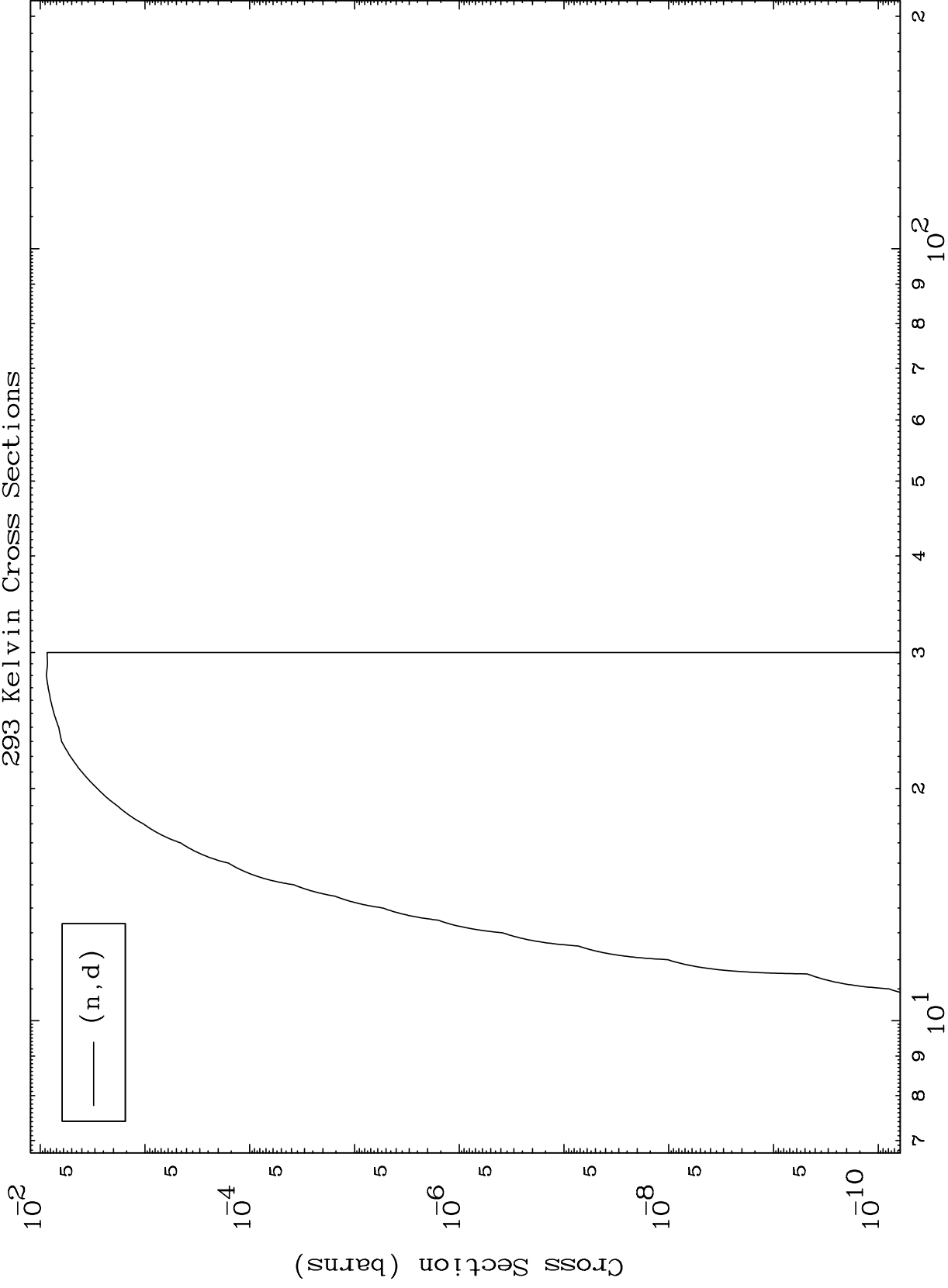
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,d) Levels
293 Kelvin Cross Sections

68-Er-172



13

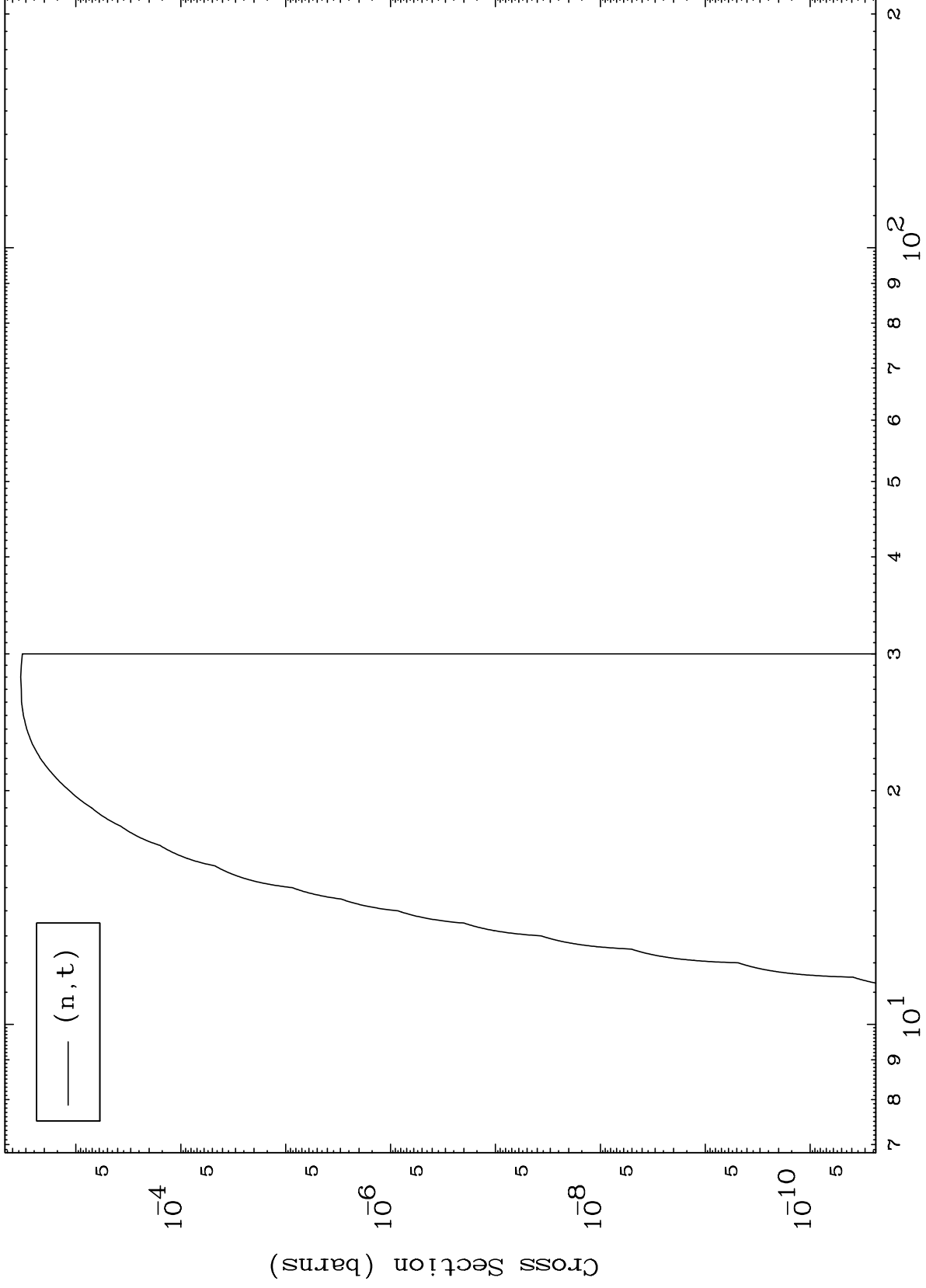
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,t) Levels
293 Kelvin Cross Sections

68-Er-172



14

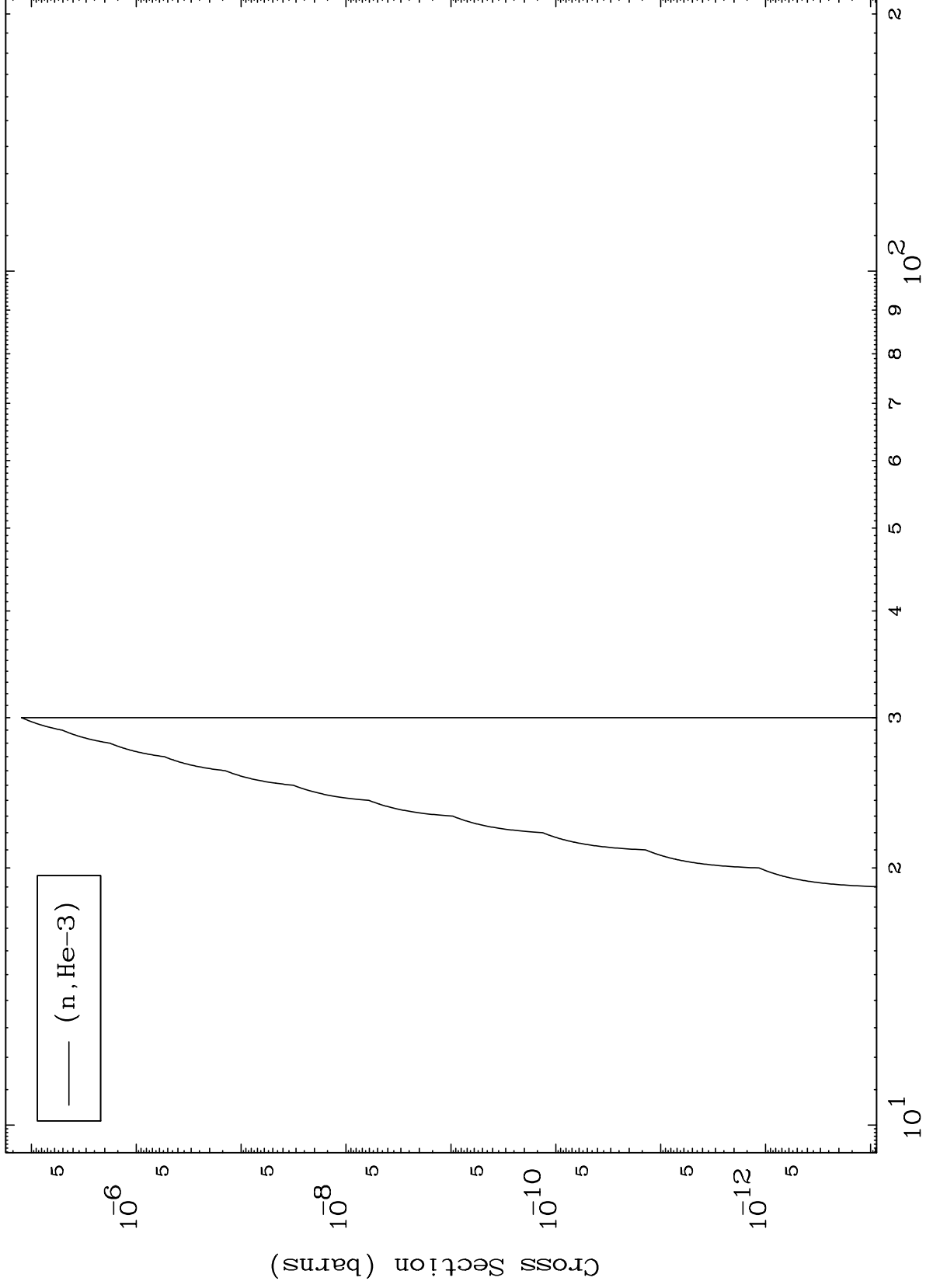
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-172



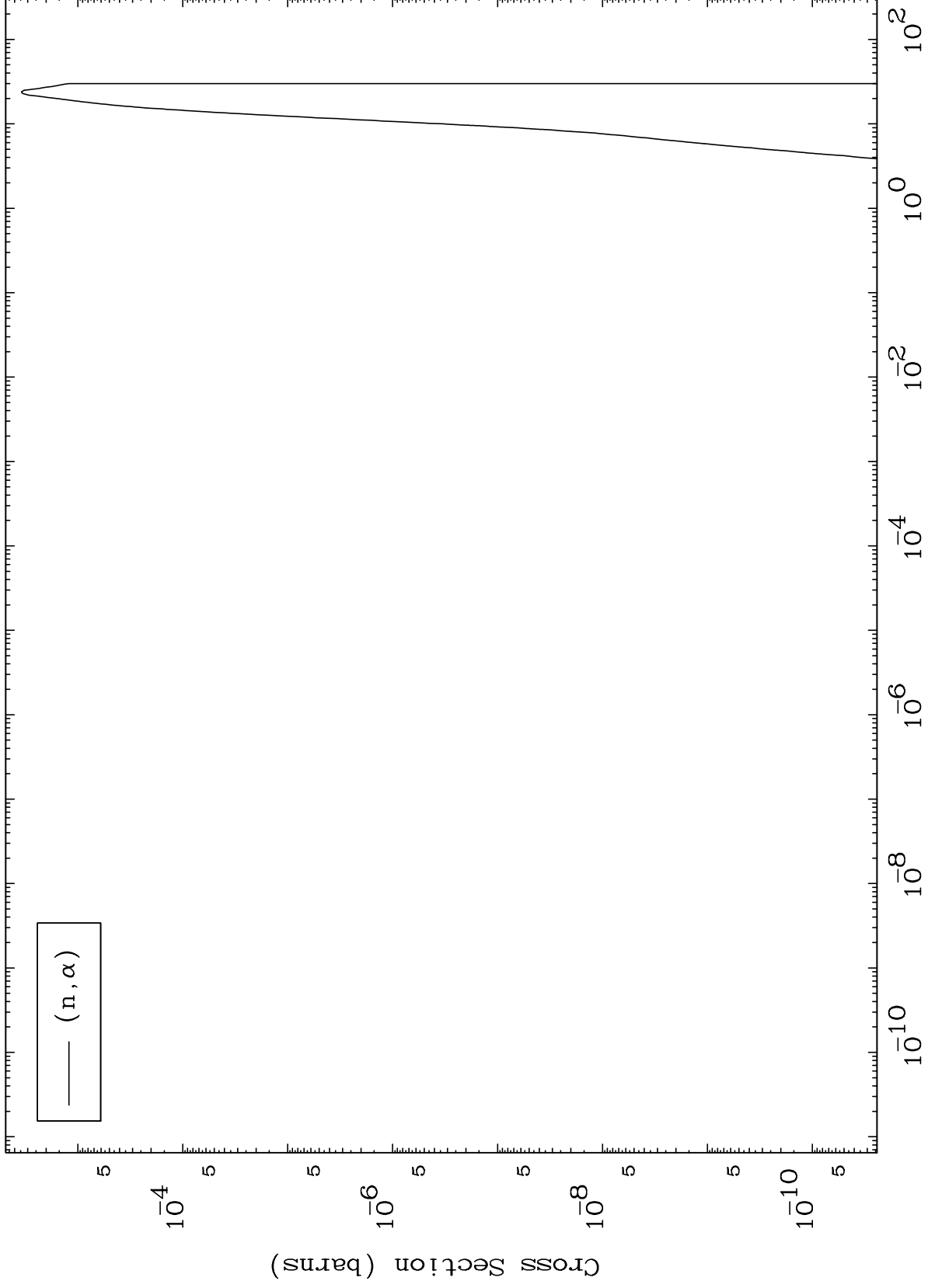
Incident Energy (MeV)

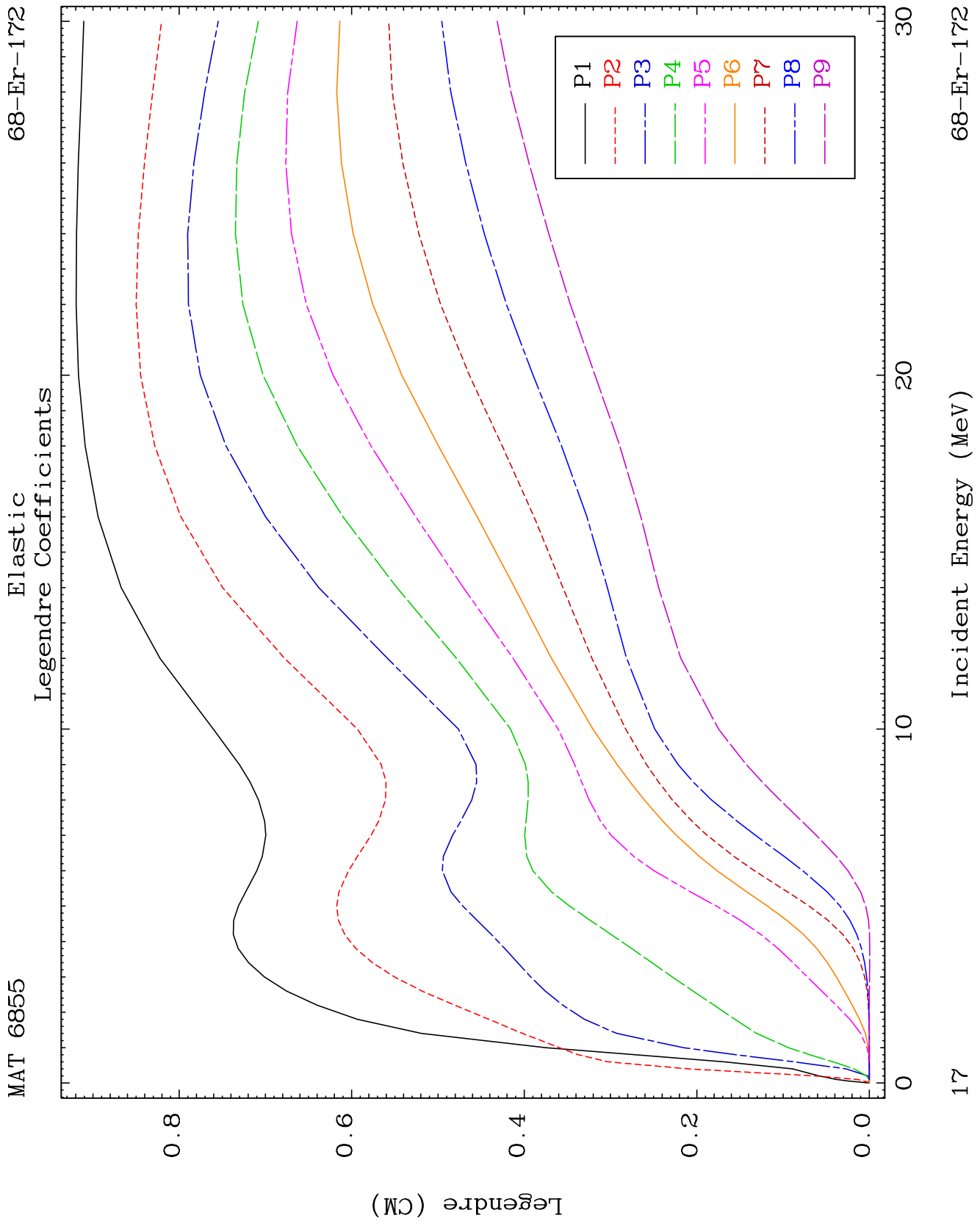
68-Er-172

MAT 6855

(n, α) Levels
293 Kelvin Cross Sections

68-Er-172

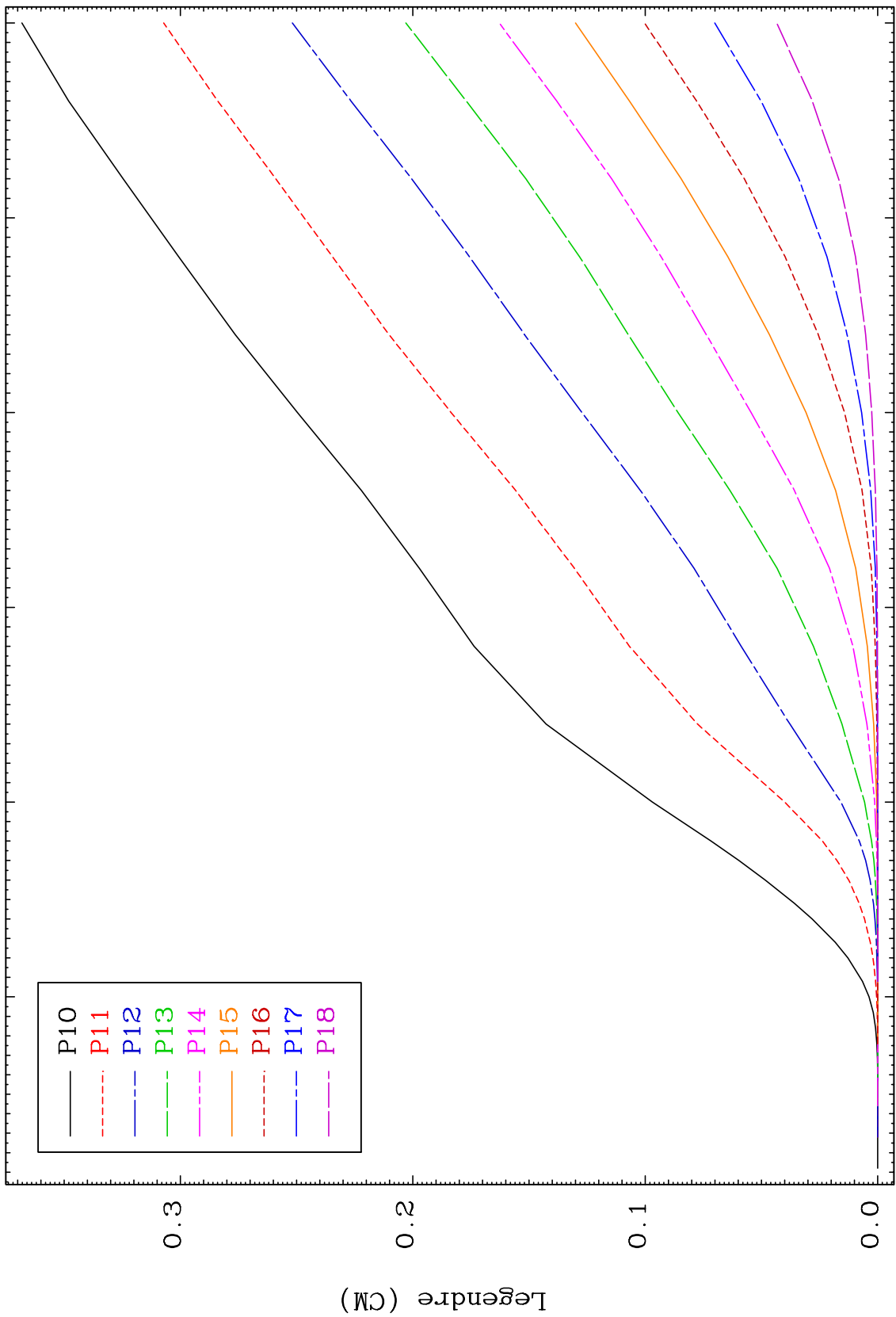




MAT 6855

Elastic Legendre Coefficients

68-Er-172



18

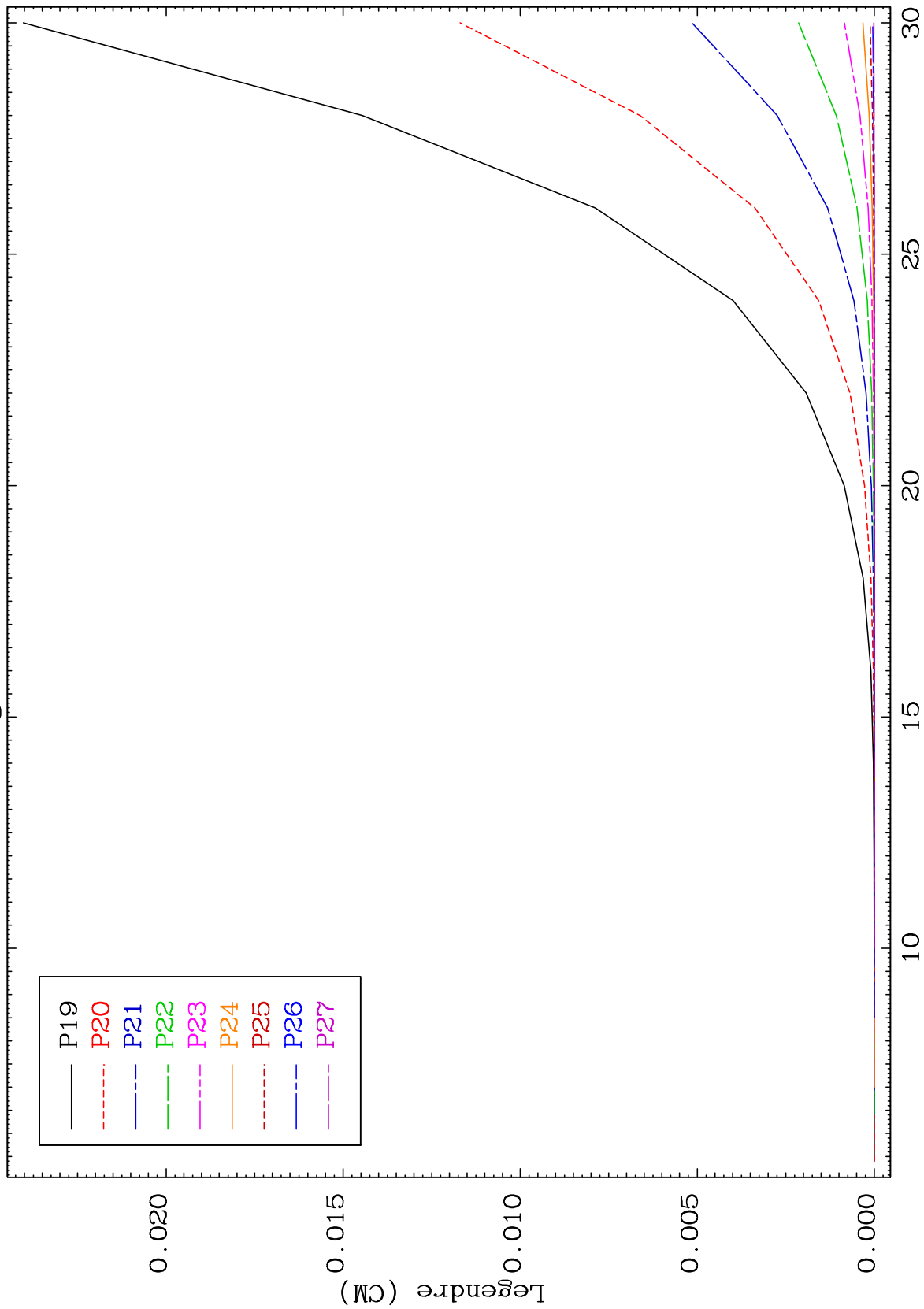
Incident Energy (MeV)

68-Er-172

MAT 6855

Elastic Legendre Coefficients

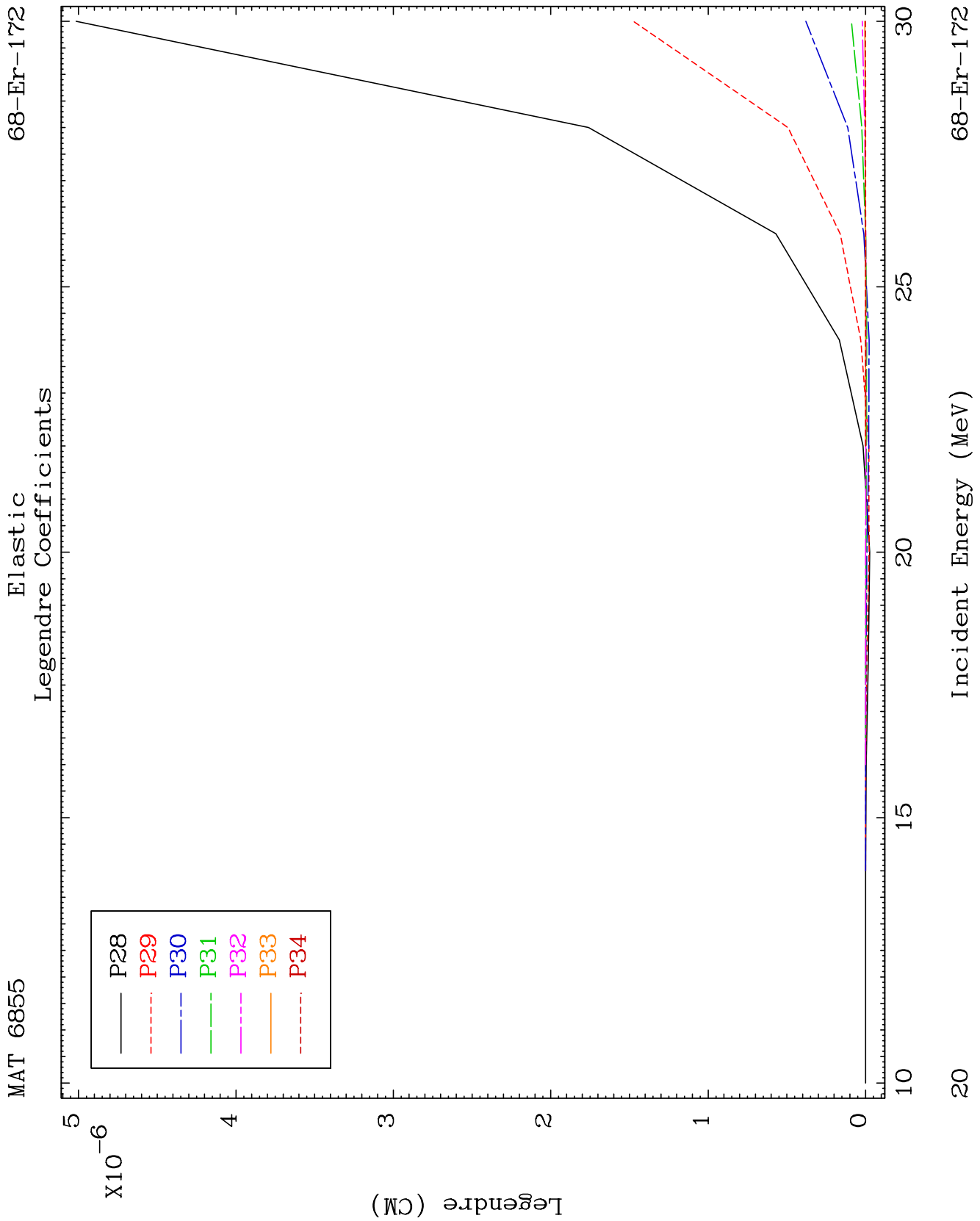
68-Er-172



19

Incident Energy (MeV)

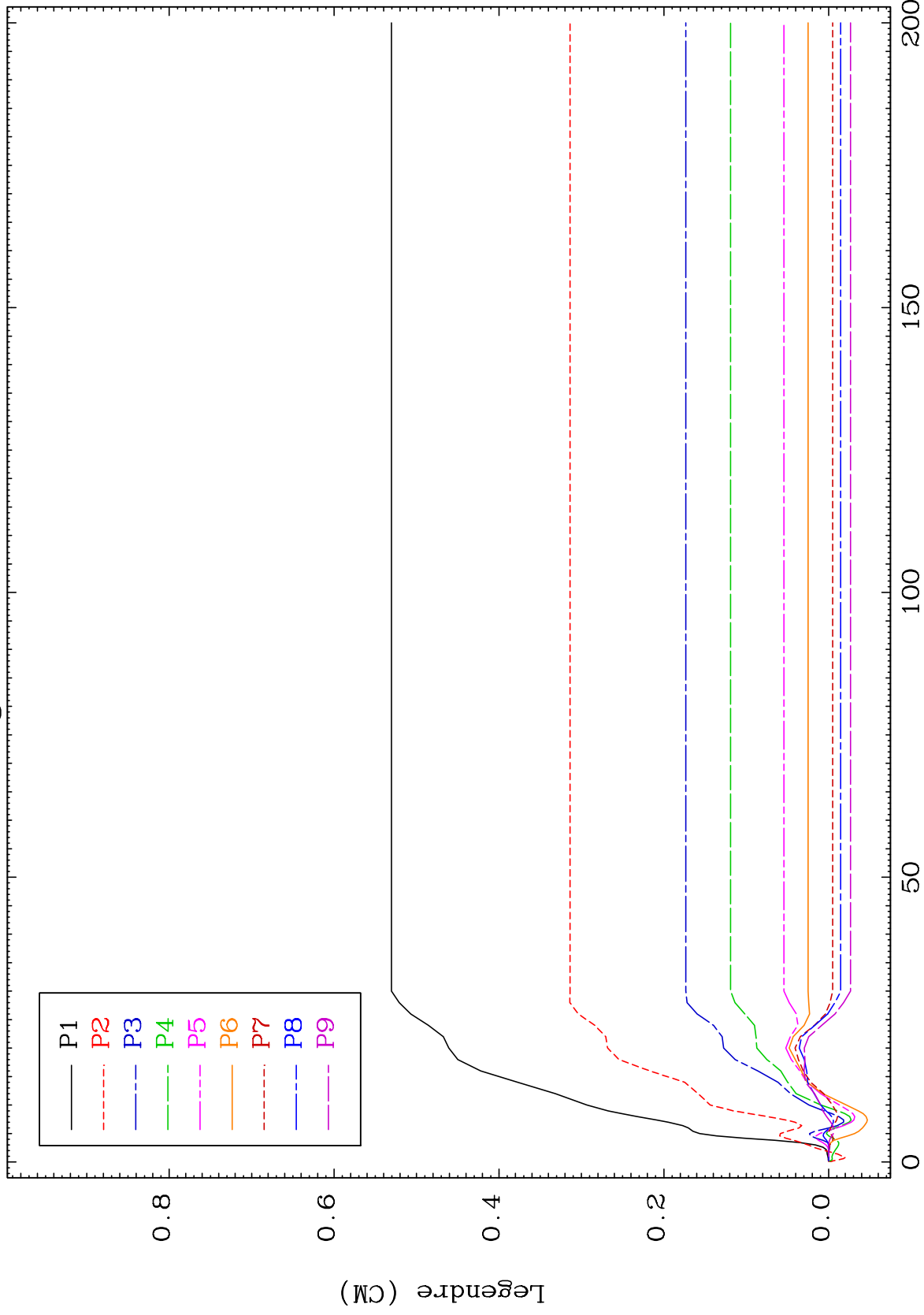
68-Er-172



MAT 6855

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

68-Er-172



21

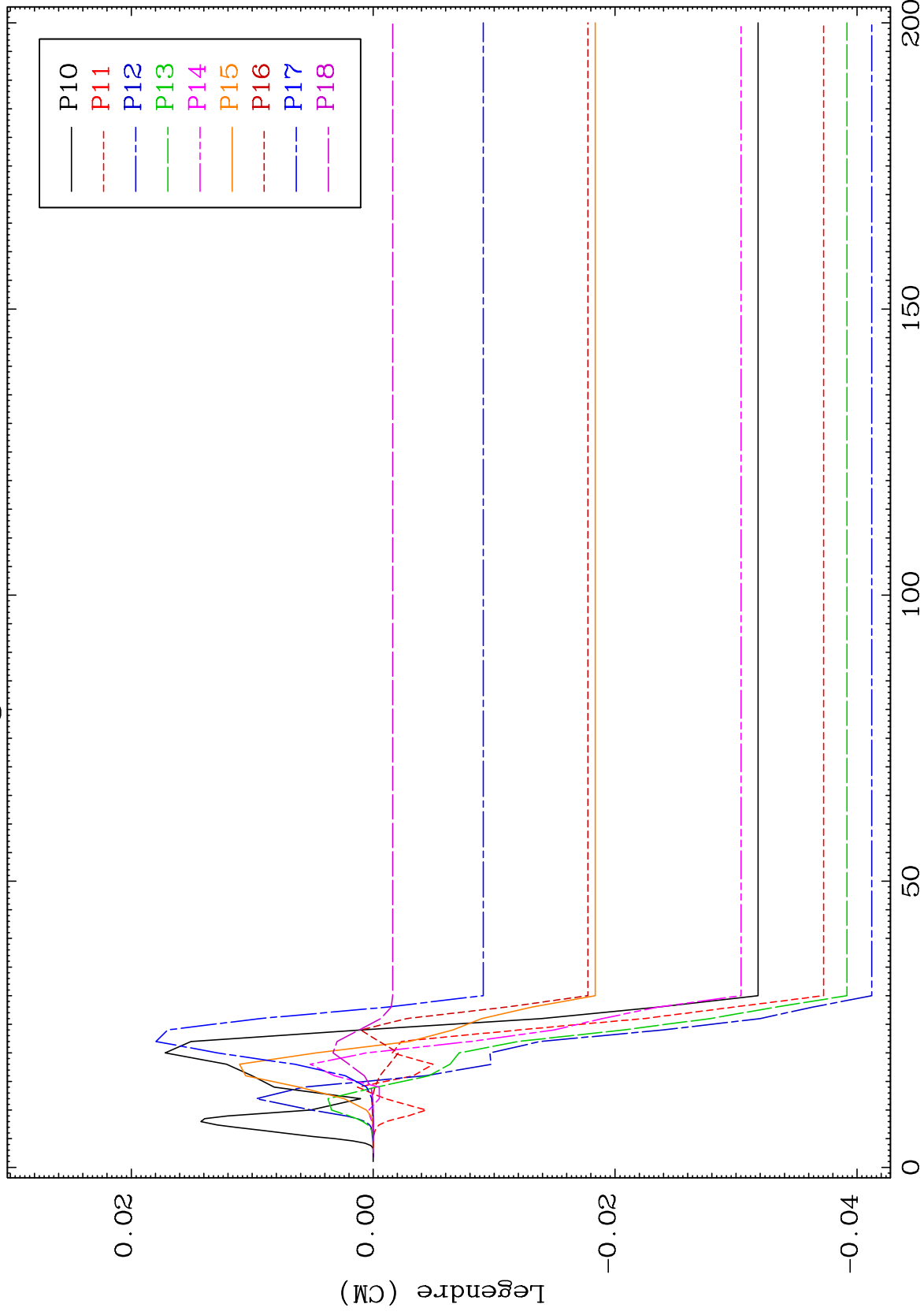
Incident Energy (MeV)

68-Er-172

MAT 6855

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

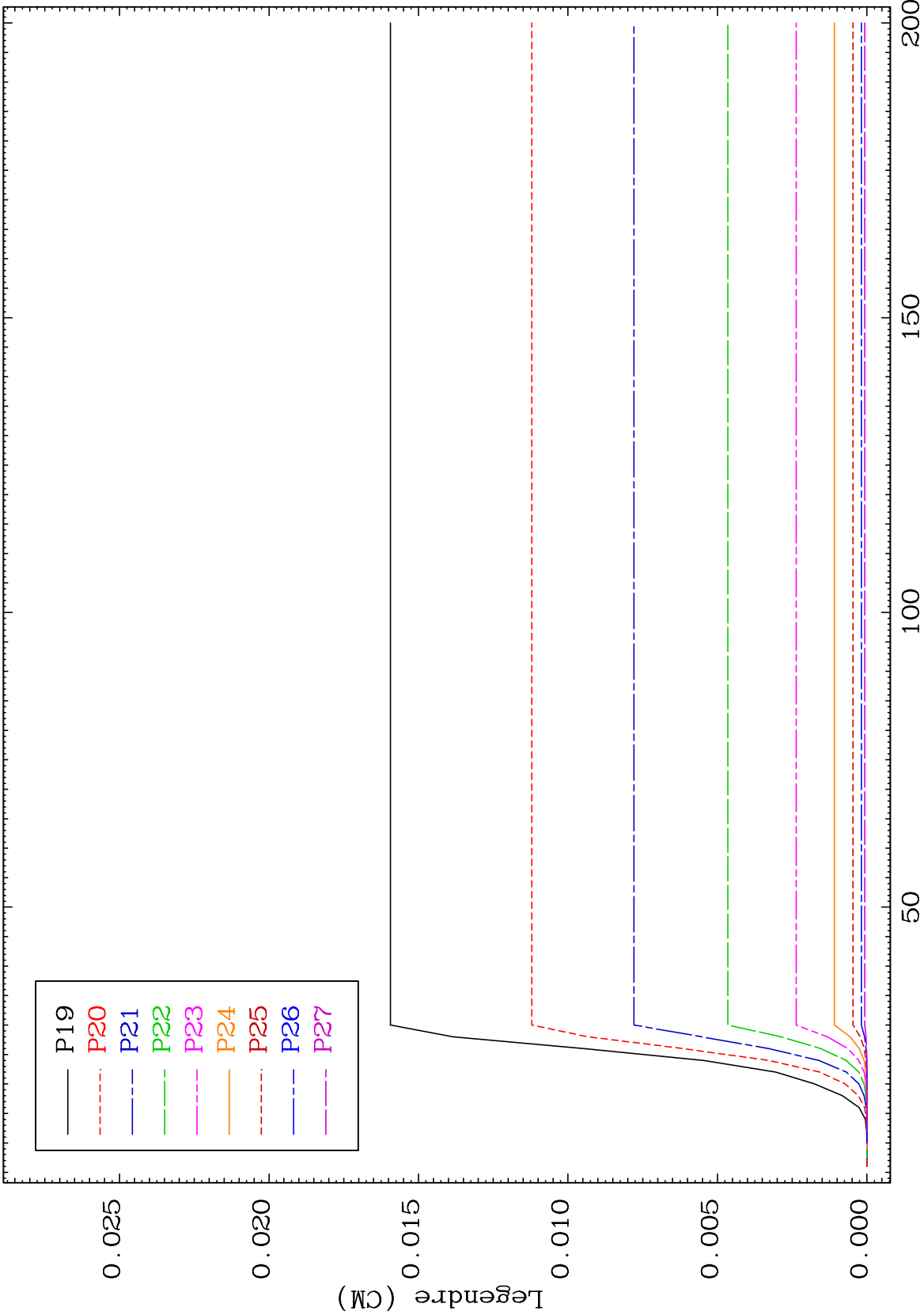
68-Er-172



22

Incident Energy (MeV)

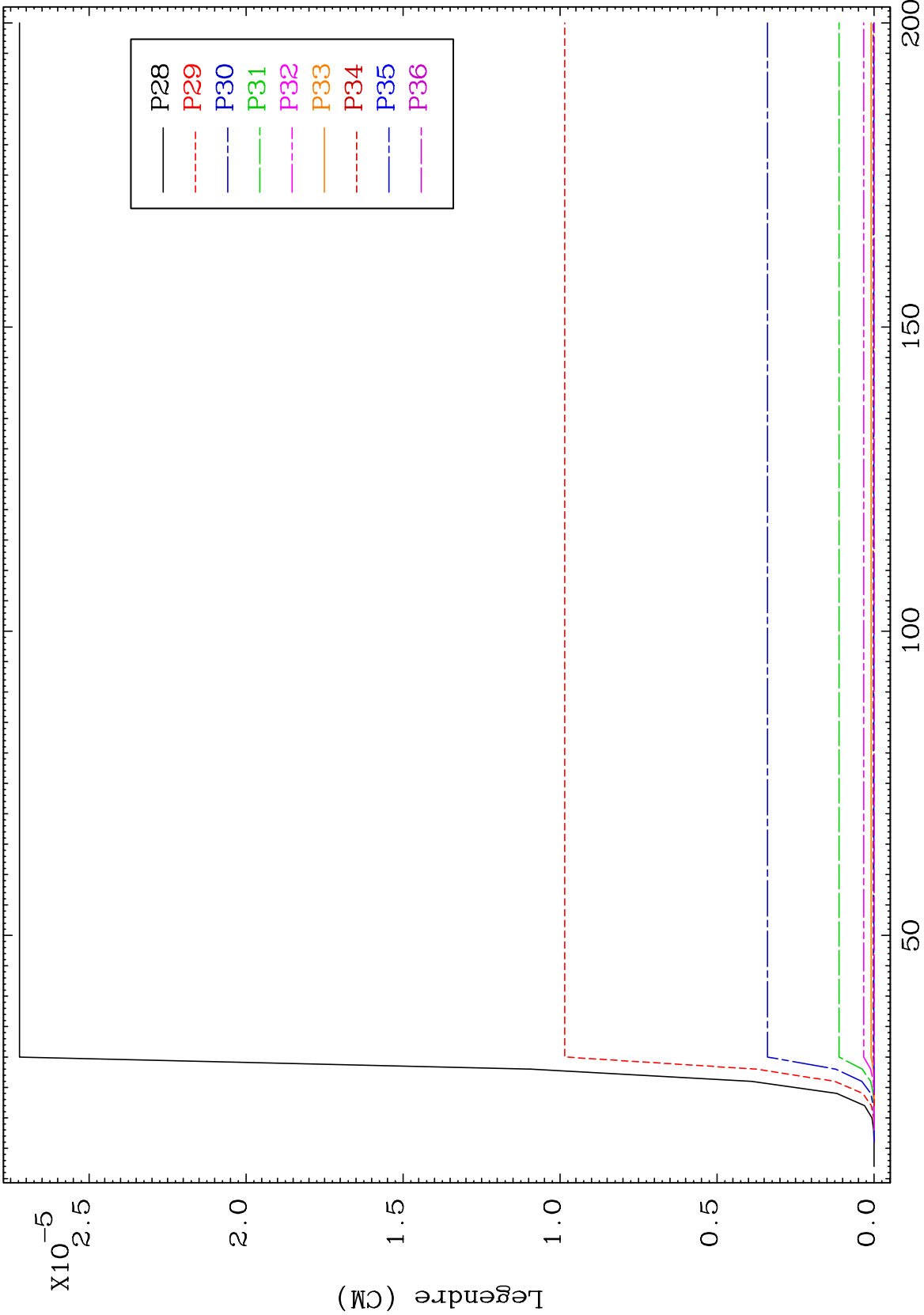
68-Er-172



MAT 6855

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

68-Er-172



24

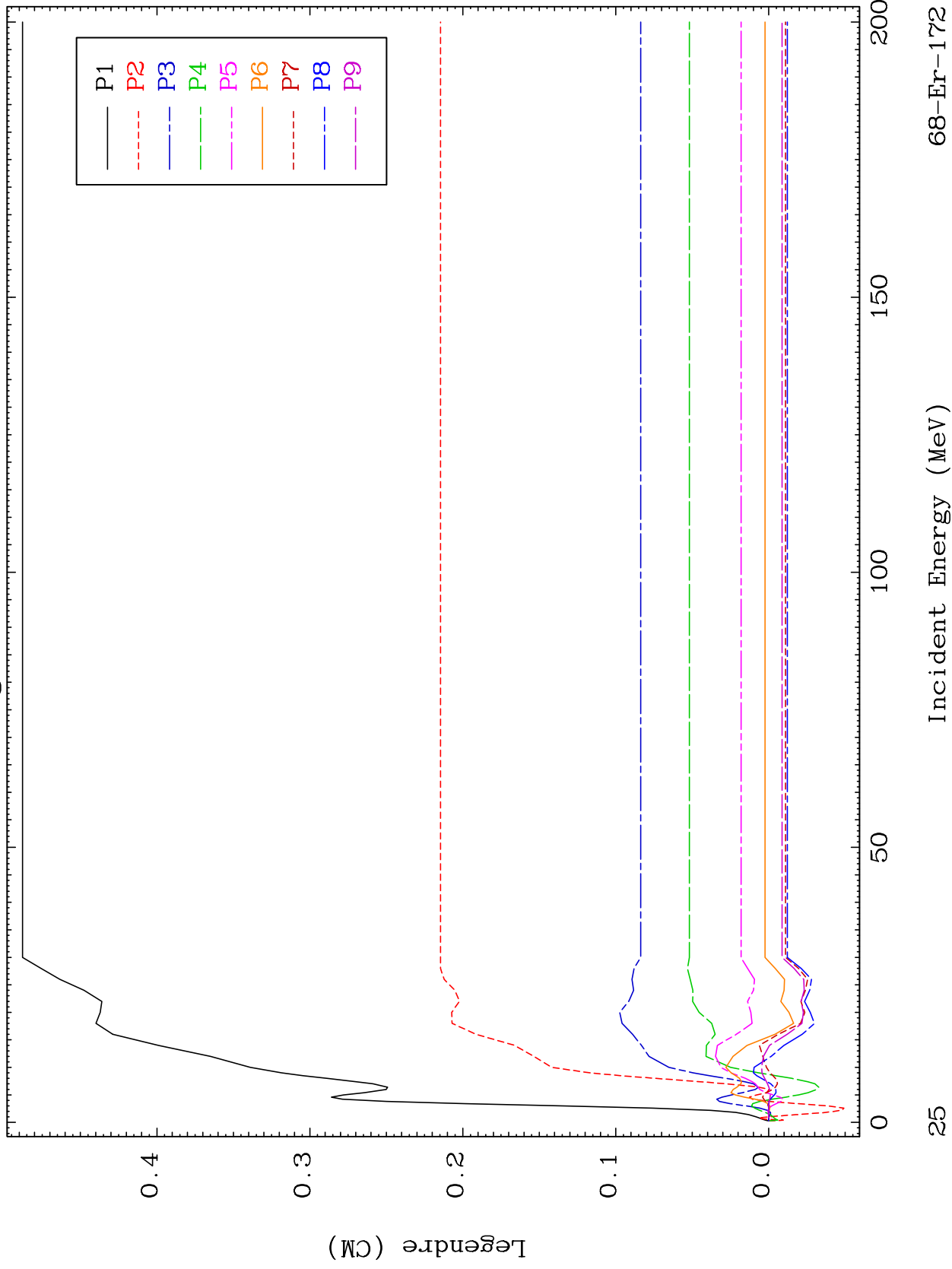
Incident Energy (MeV)

68-Er-172

MAT 6855

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

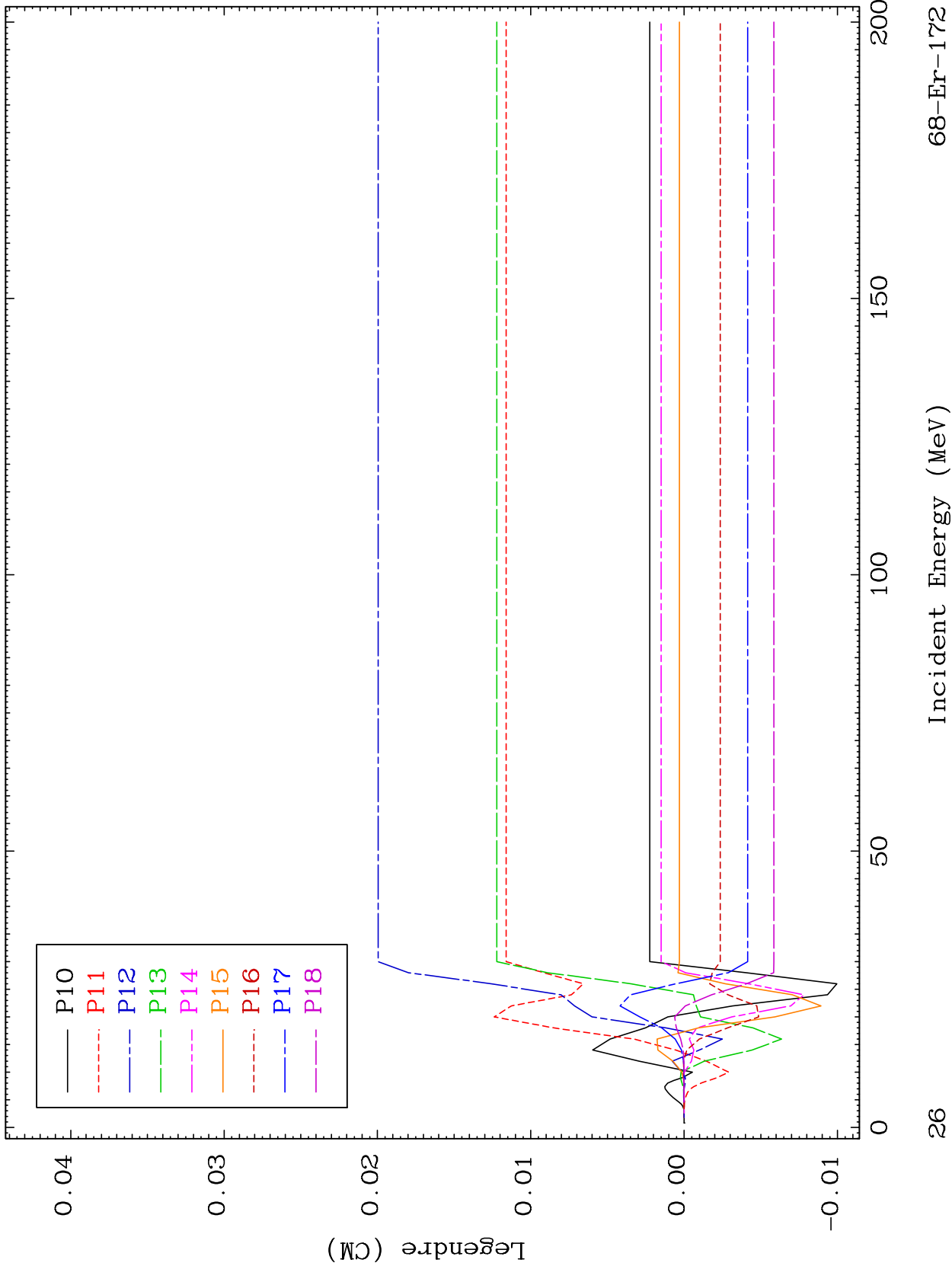
68-Er-172

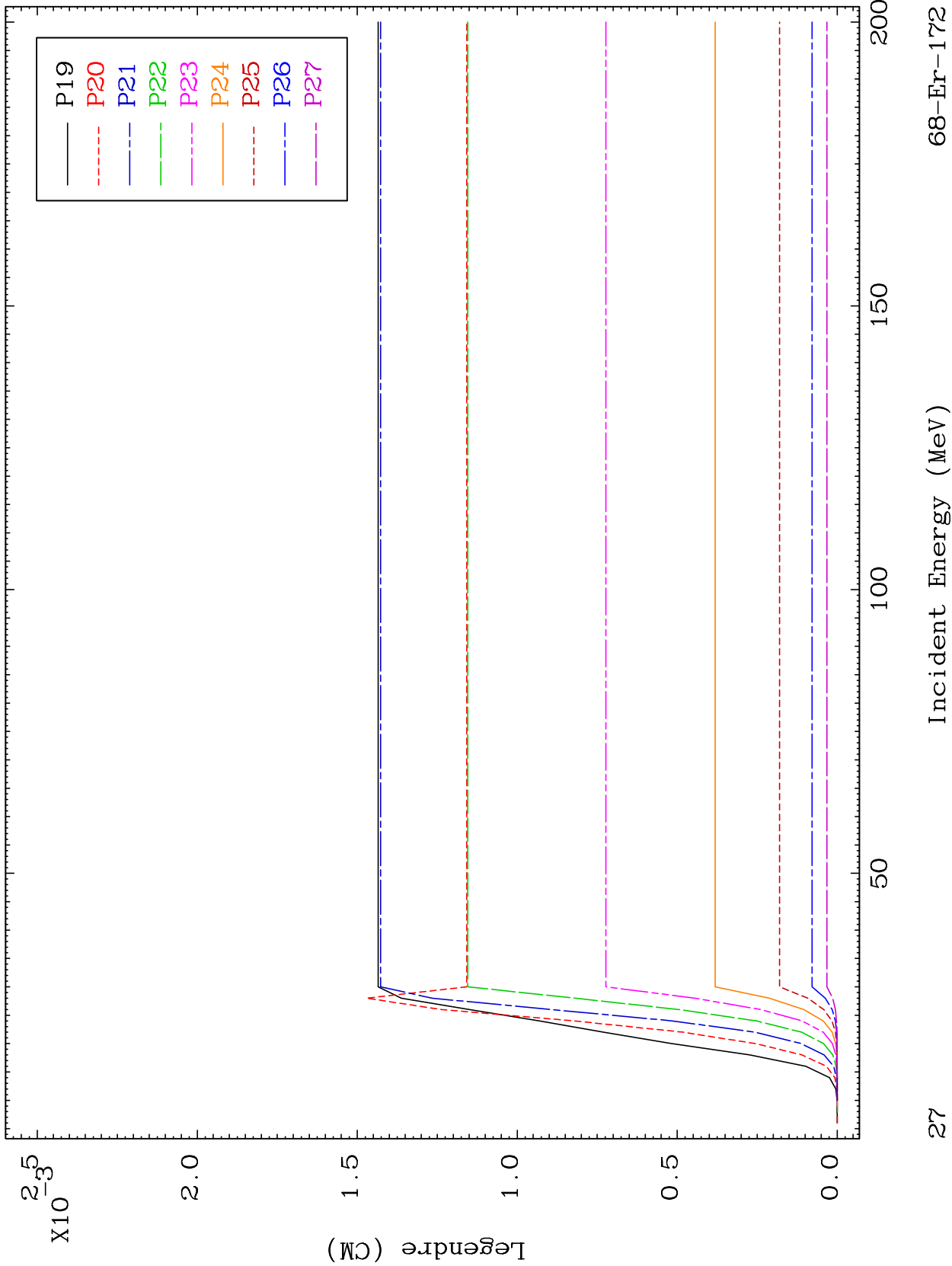


68-Er-172

Incident Energy (MeV)

25

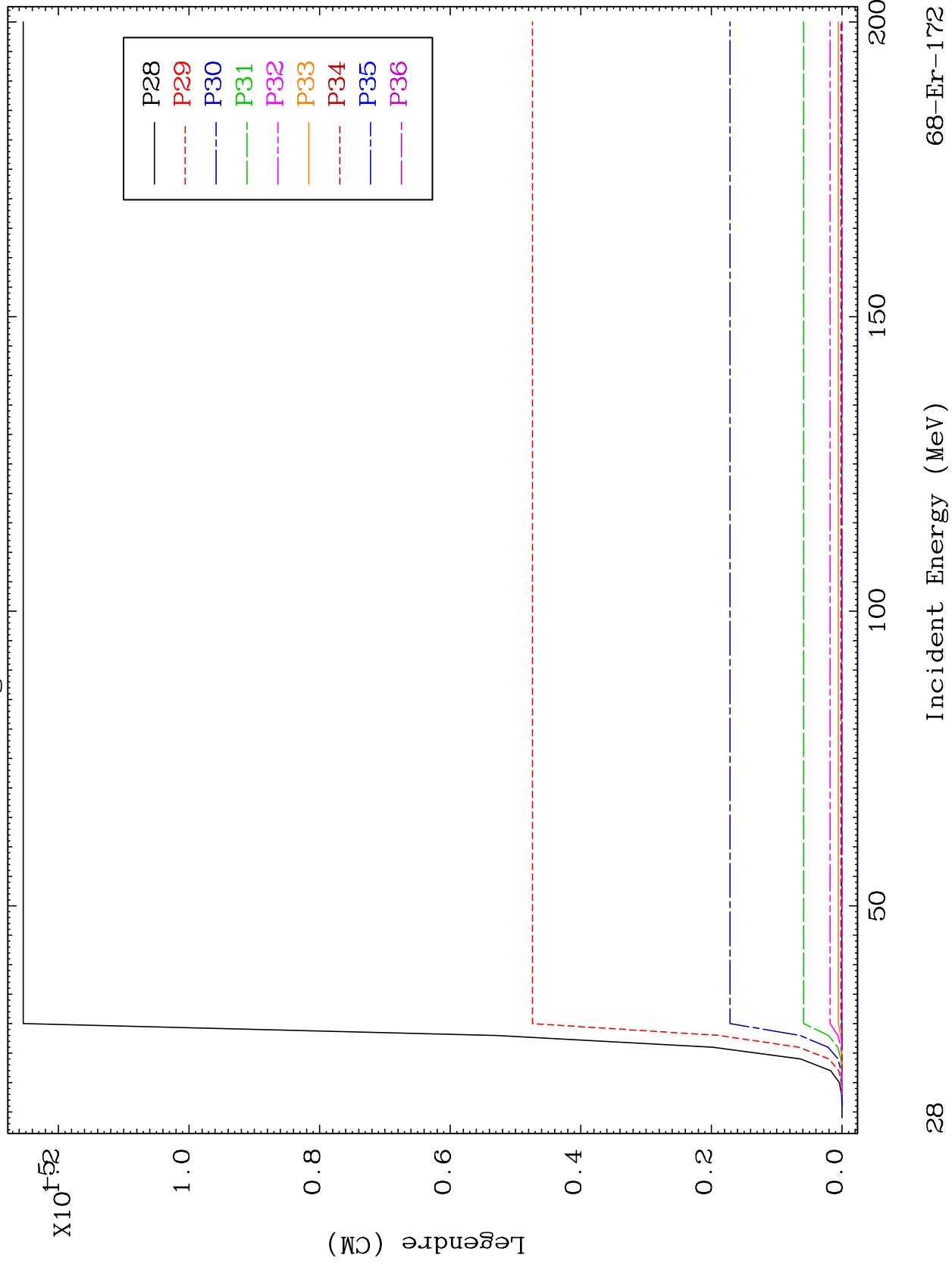




MAT 6855

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

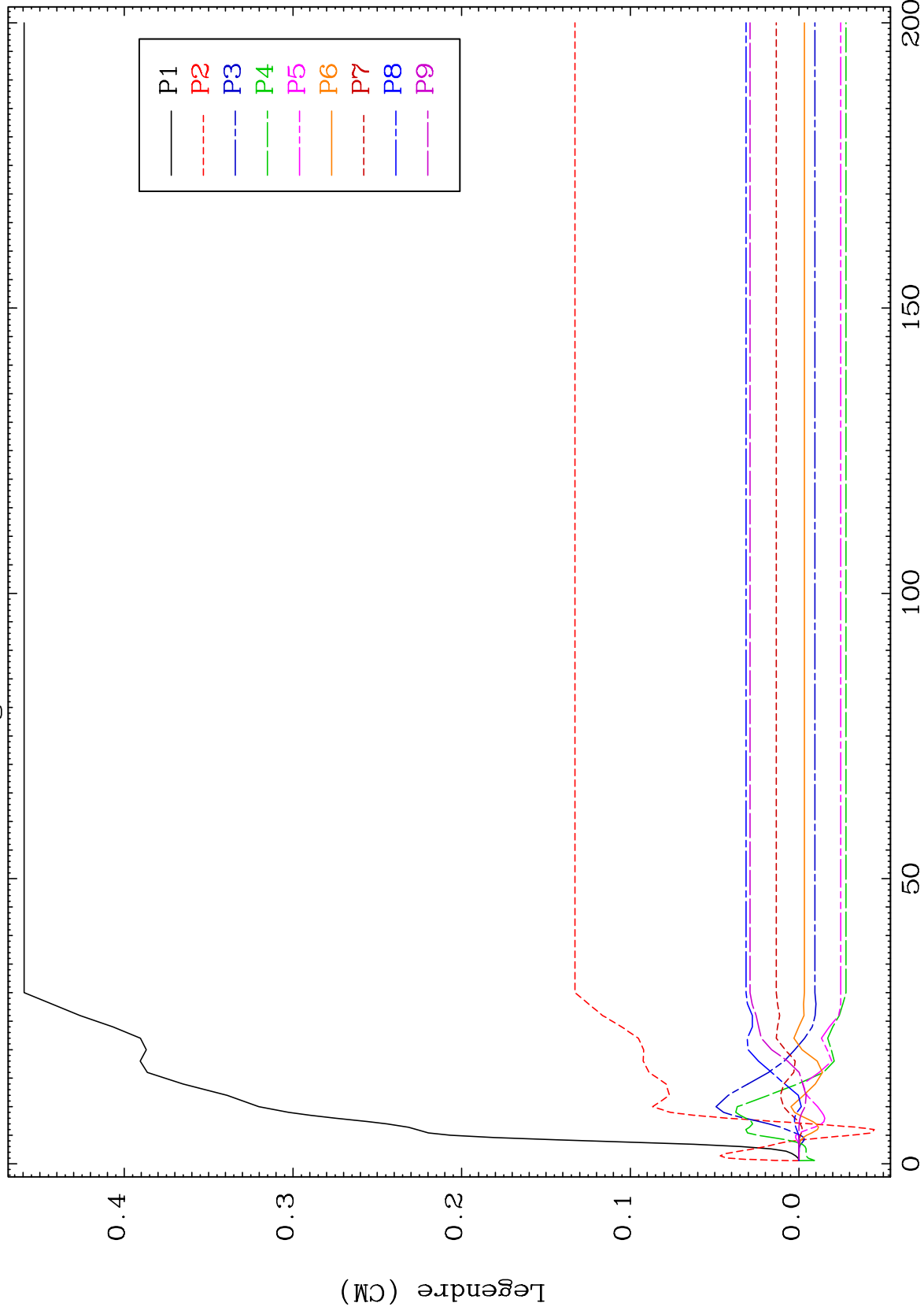
68-Er-172



MAT 6855

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

68-Er-172



29

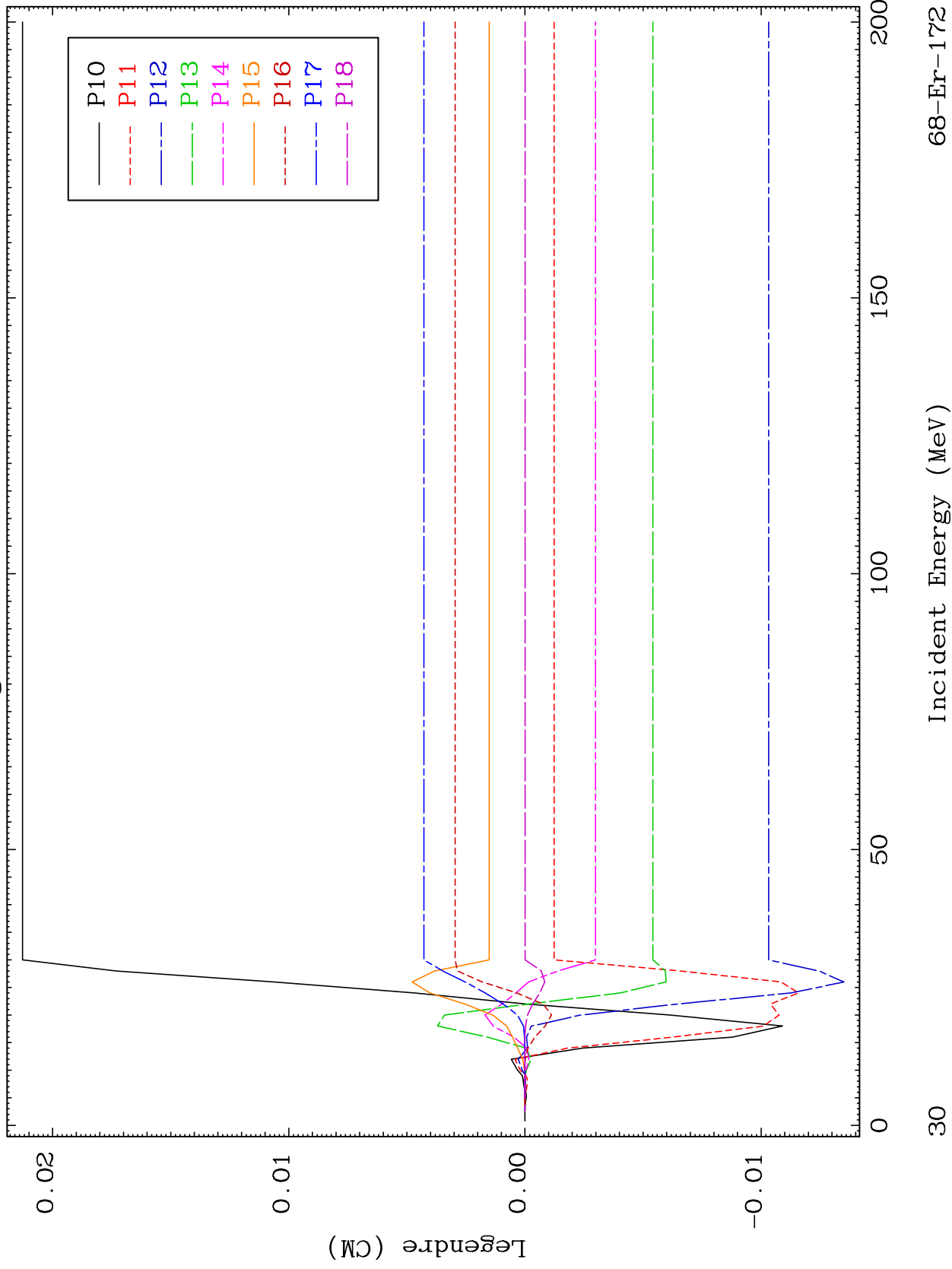
Incident Energy (MeV)

68-Er-172

MAT 6855

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

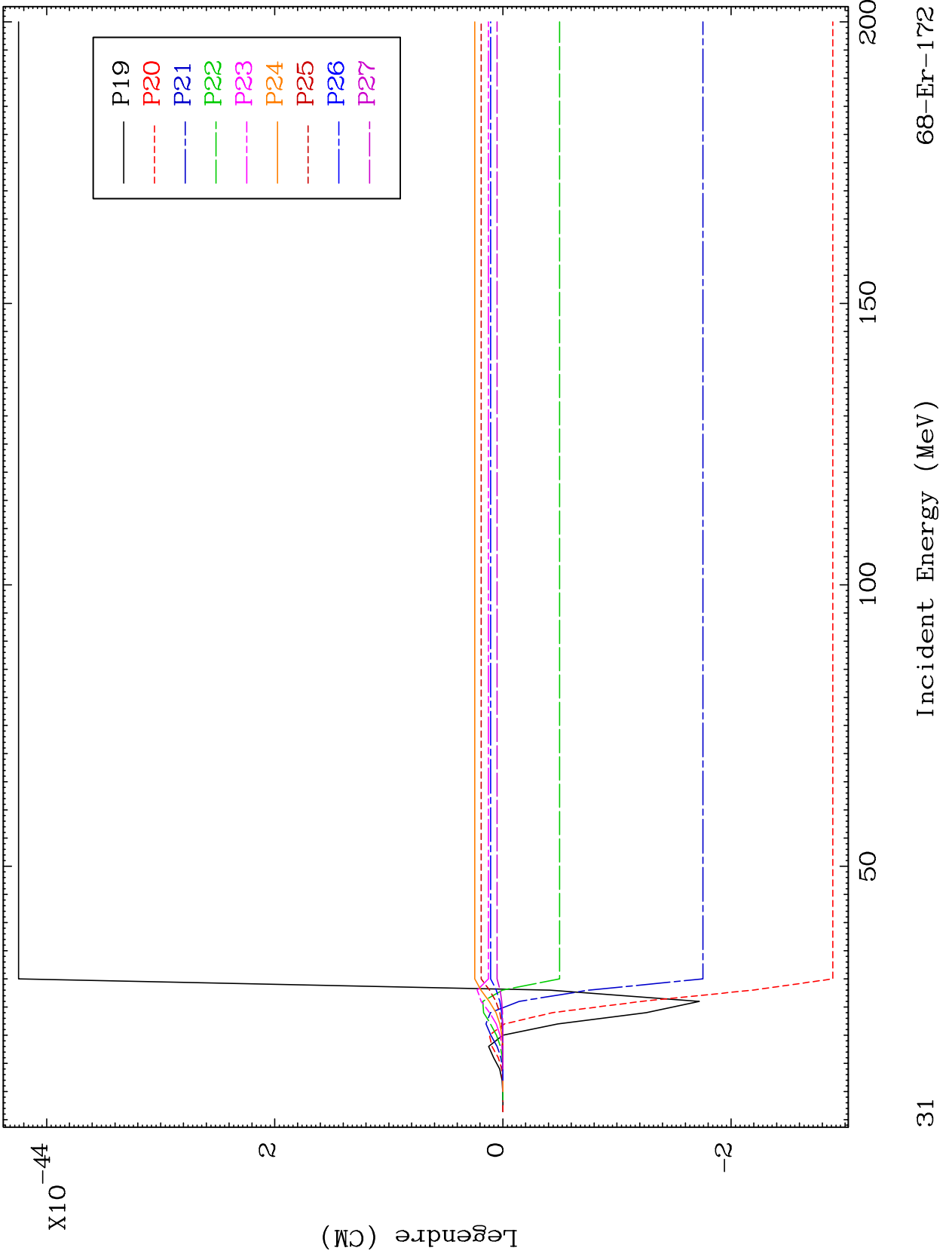
68-Er-172



68-Er-172

Incident Energy (MeV)

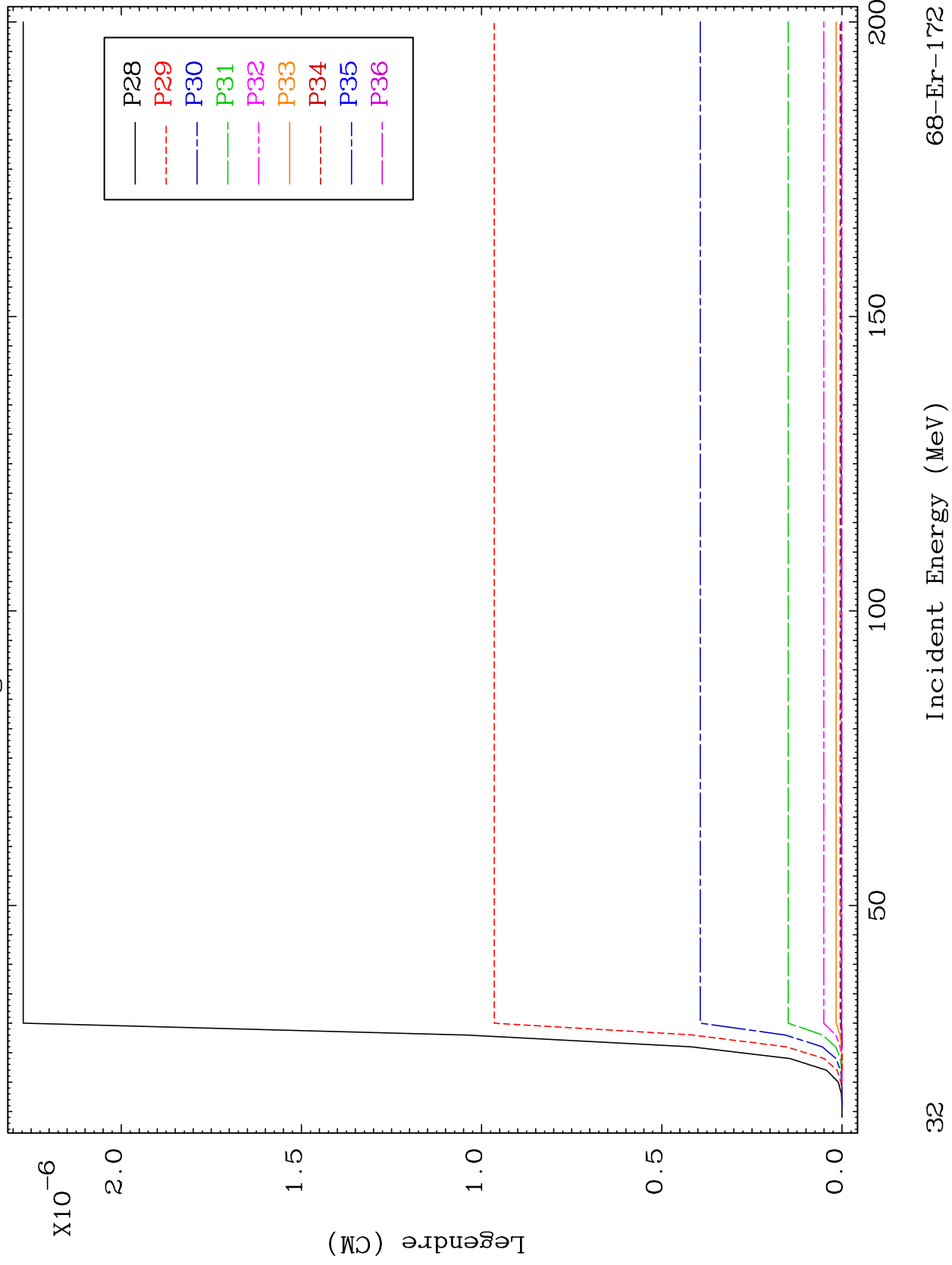
30



MAT 6855

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

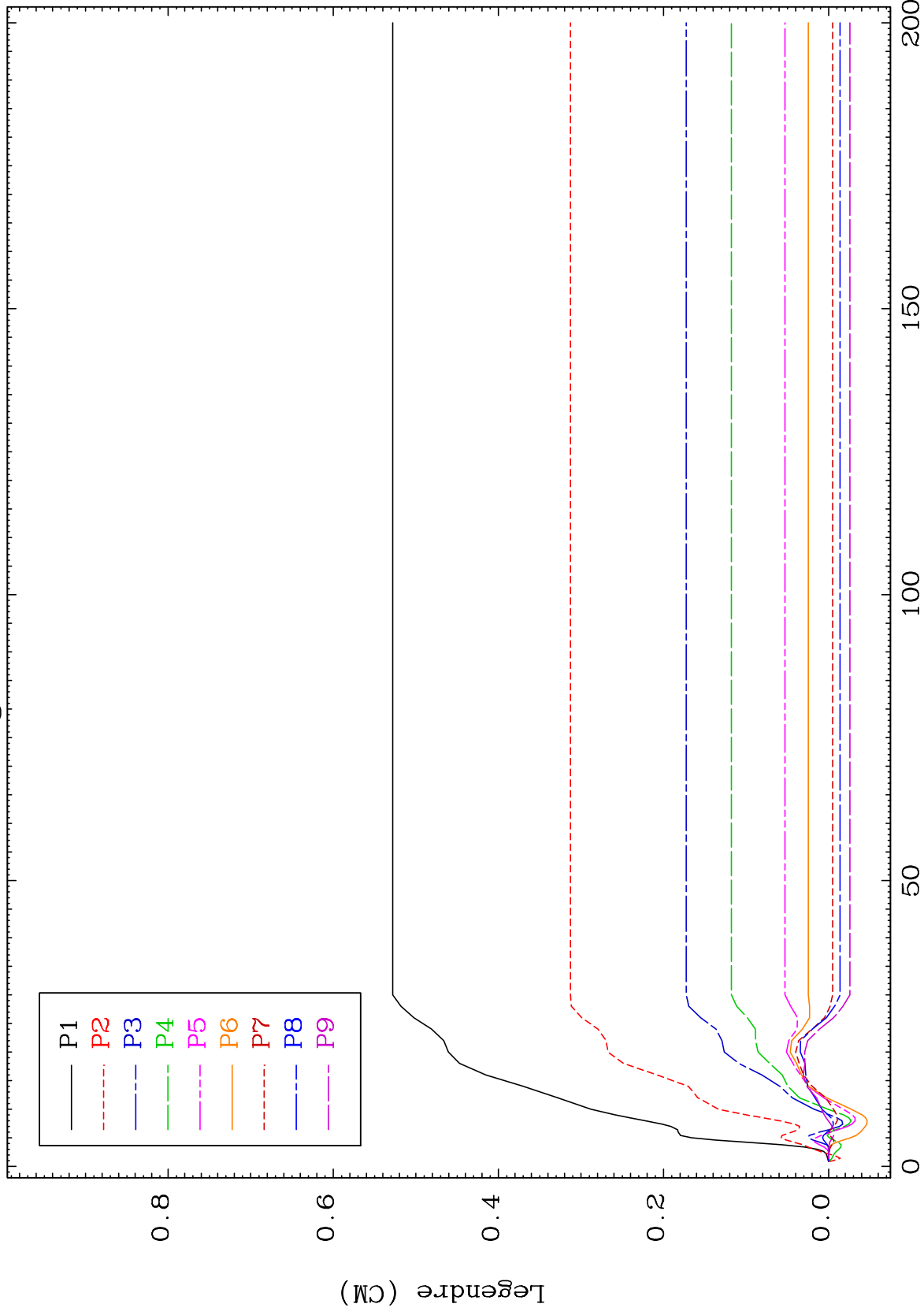
68-Er-172



32

Incident Energy (MeV)

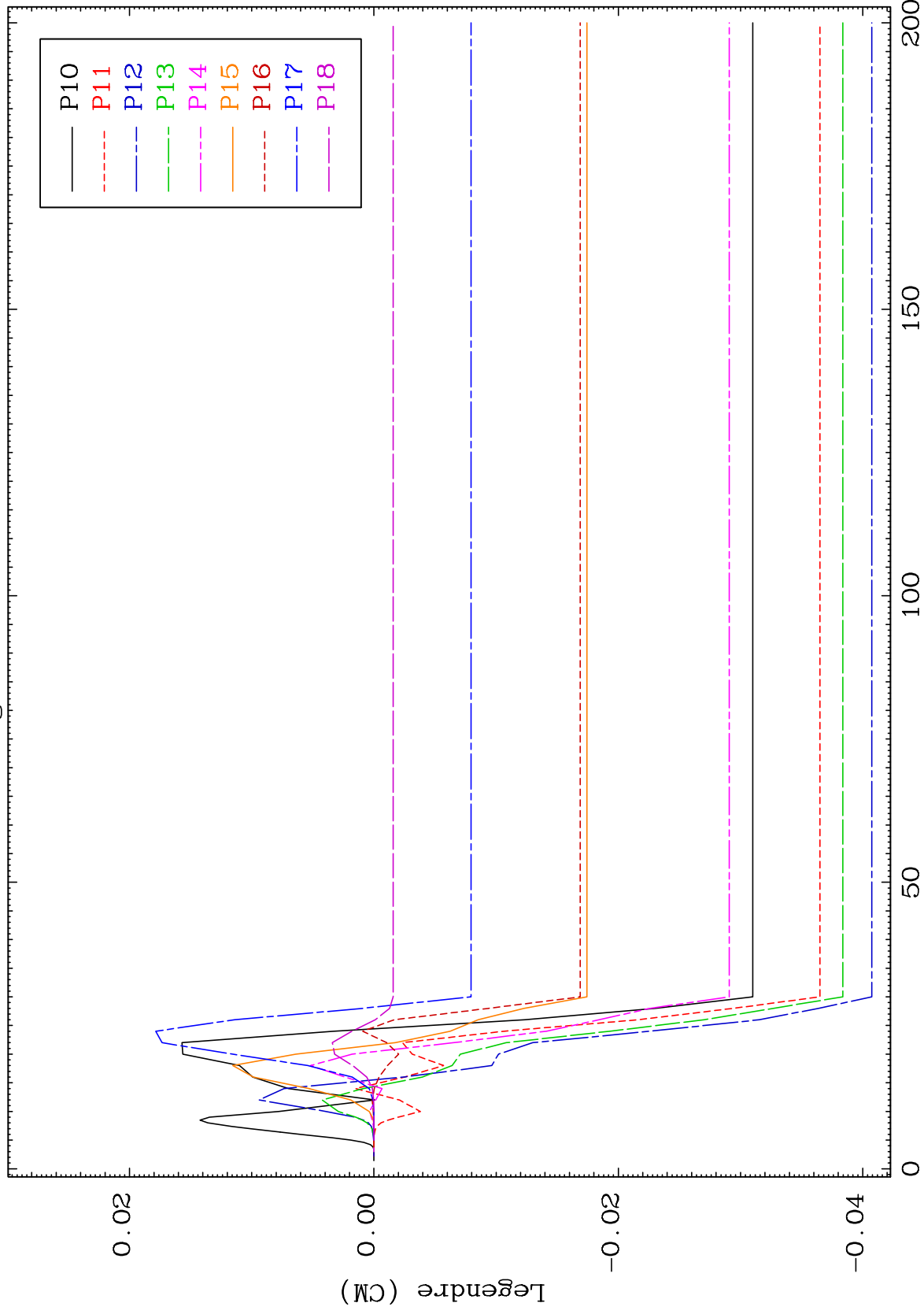
68-Er-172



MAT 6855

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

68-Er-172



34

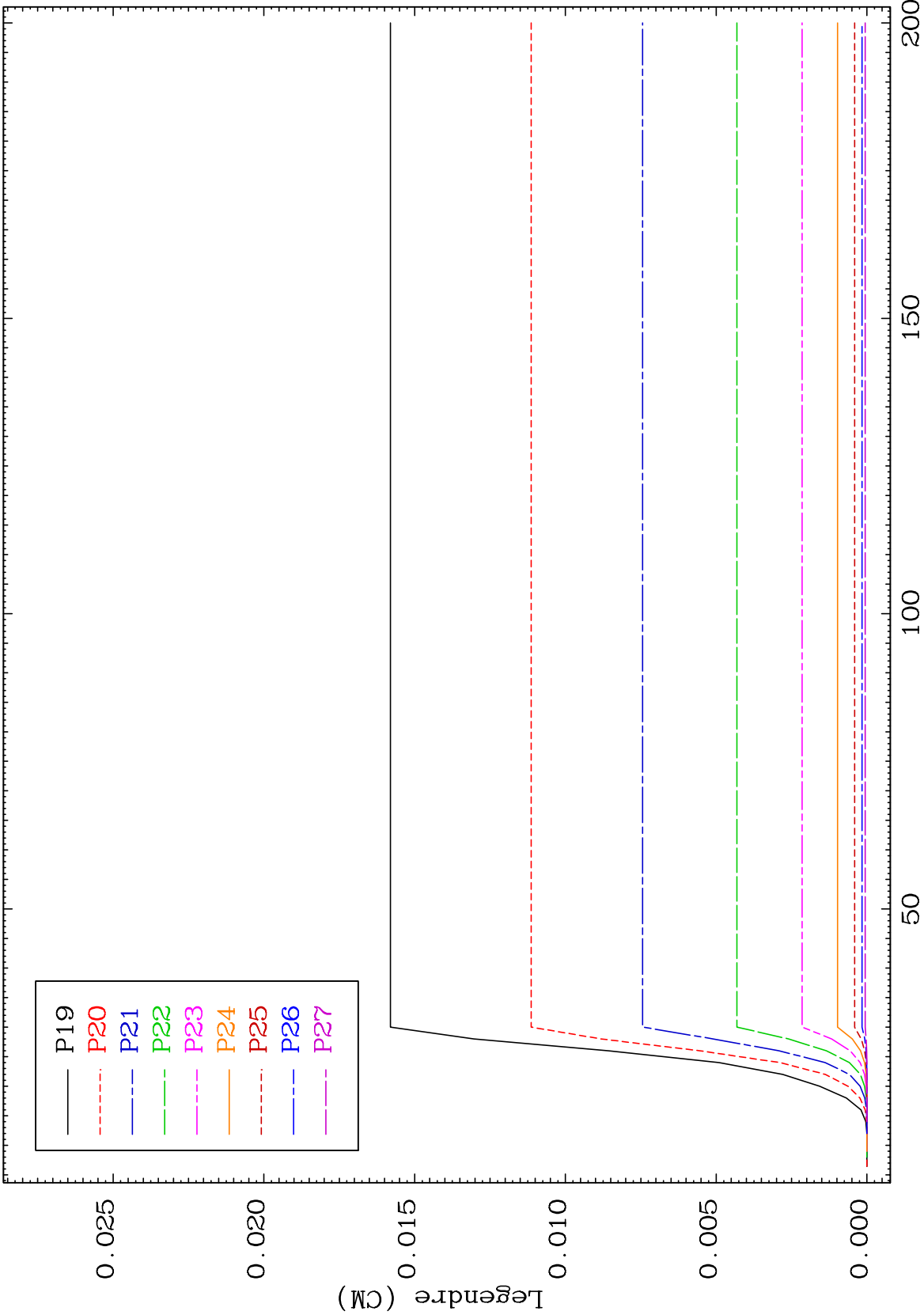
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



35

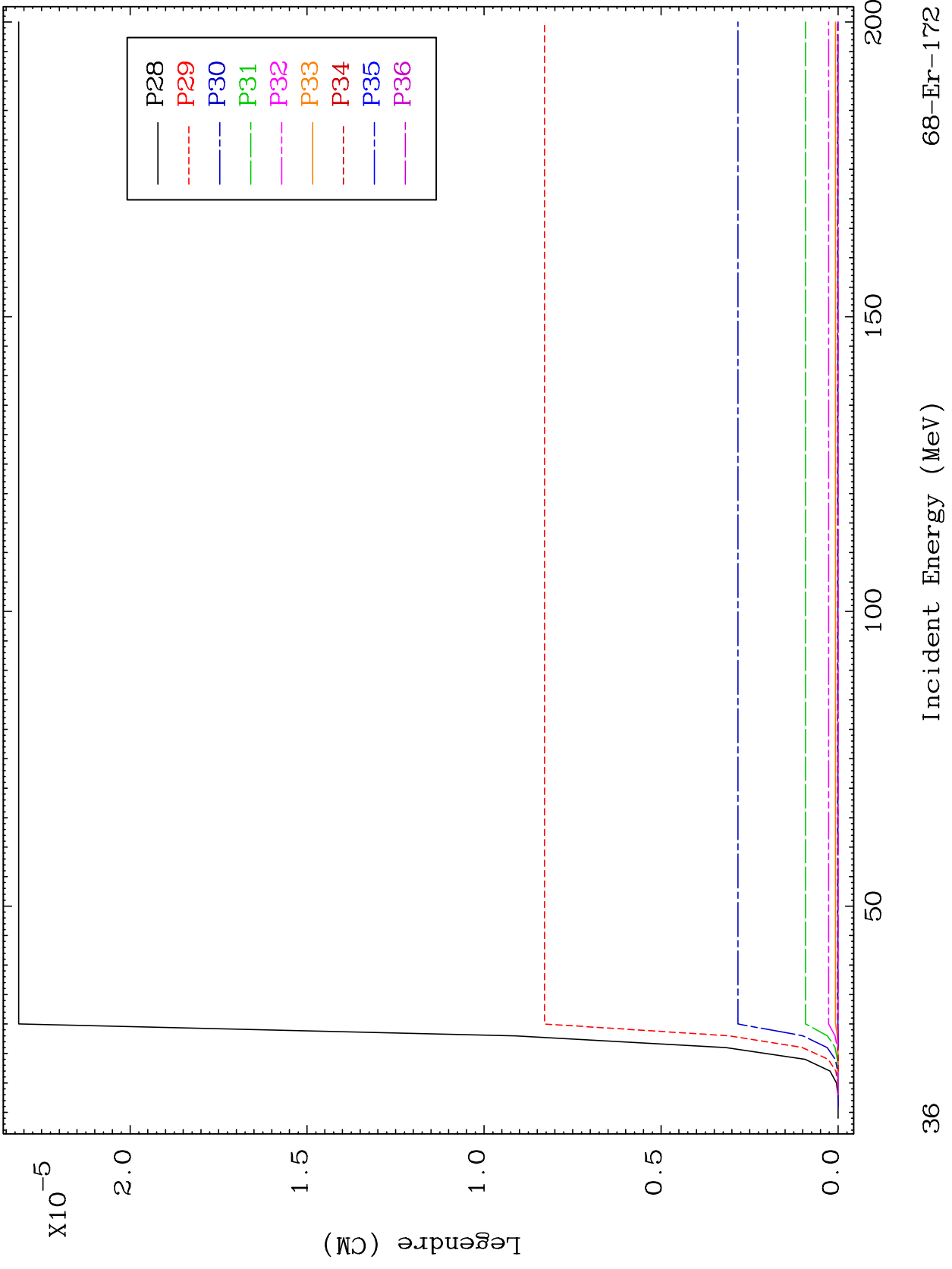
Incident Energy (MeV)

68-Er-172

MAT 6855

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

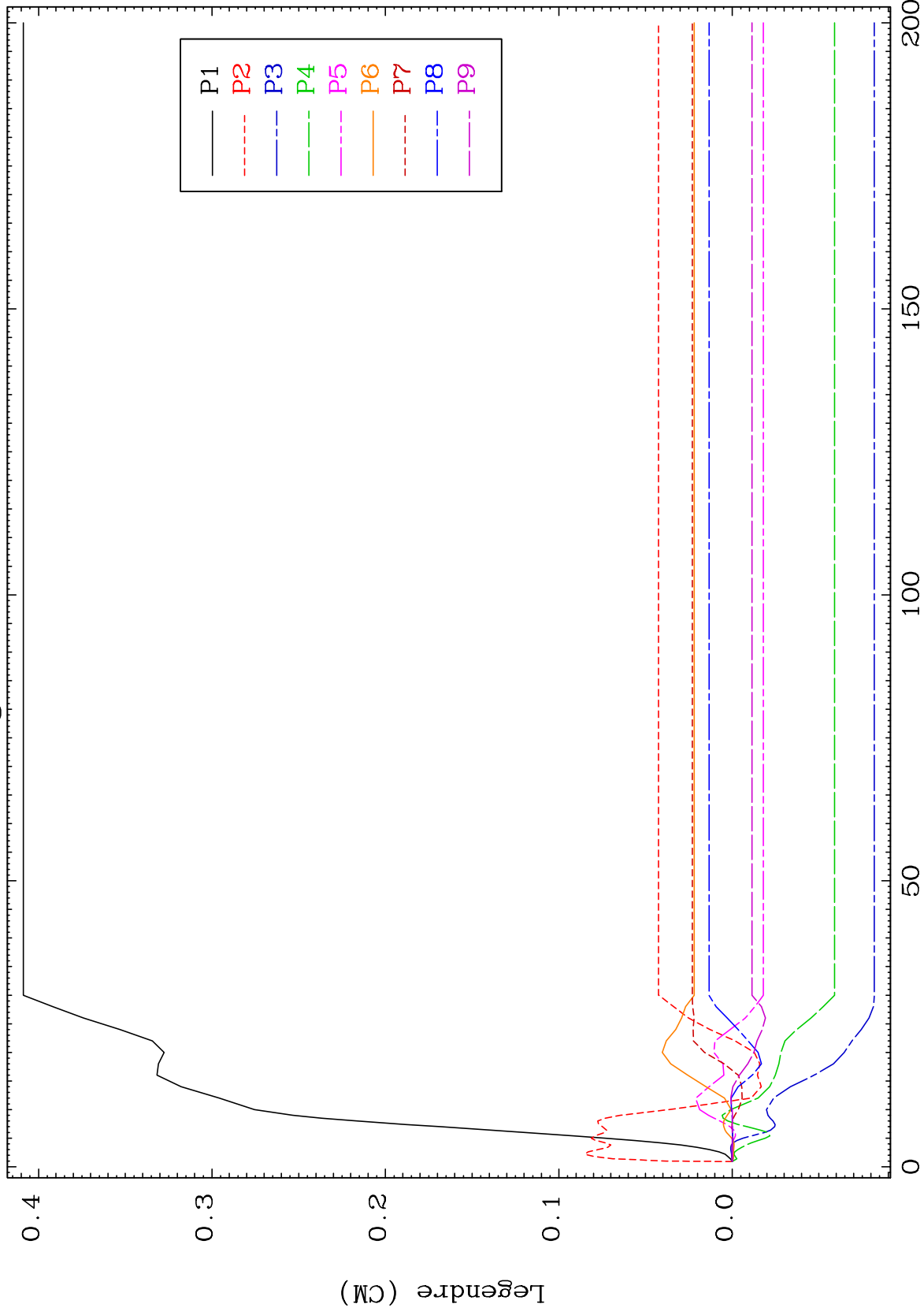
68-Er-172



MAT 6855

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

68-Er-172



37

Incident Energy (MeV)

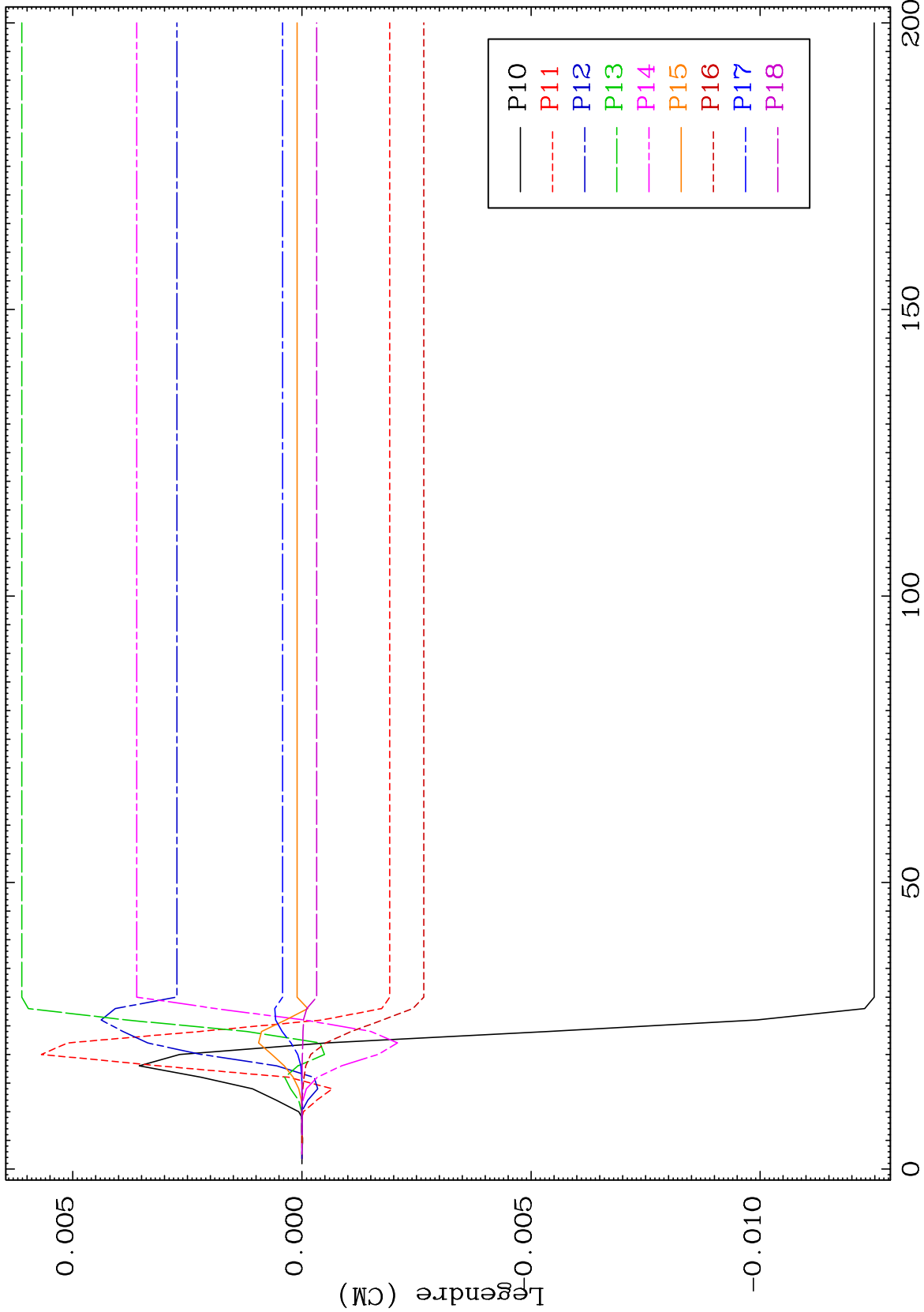
68-Er-172

MAT 6855

MT= 55 (n,n') Level

68-Er-172

Legendre Coefficients



38

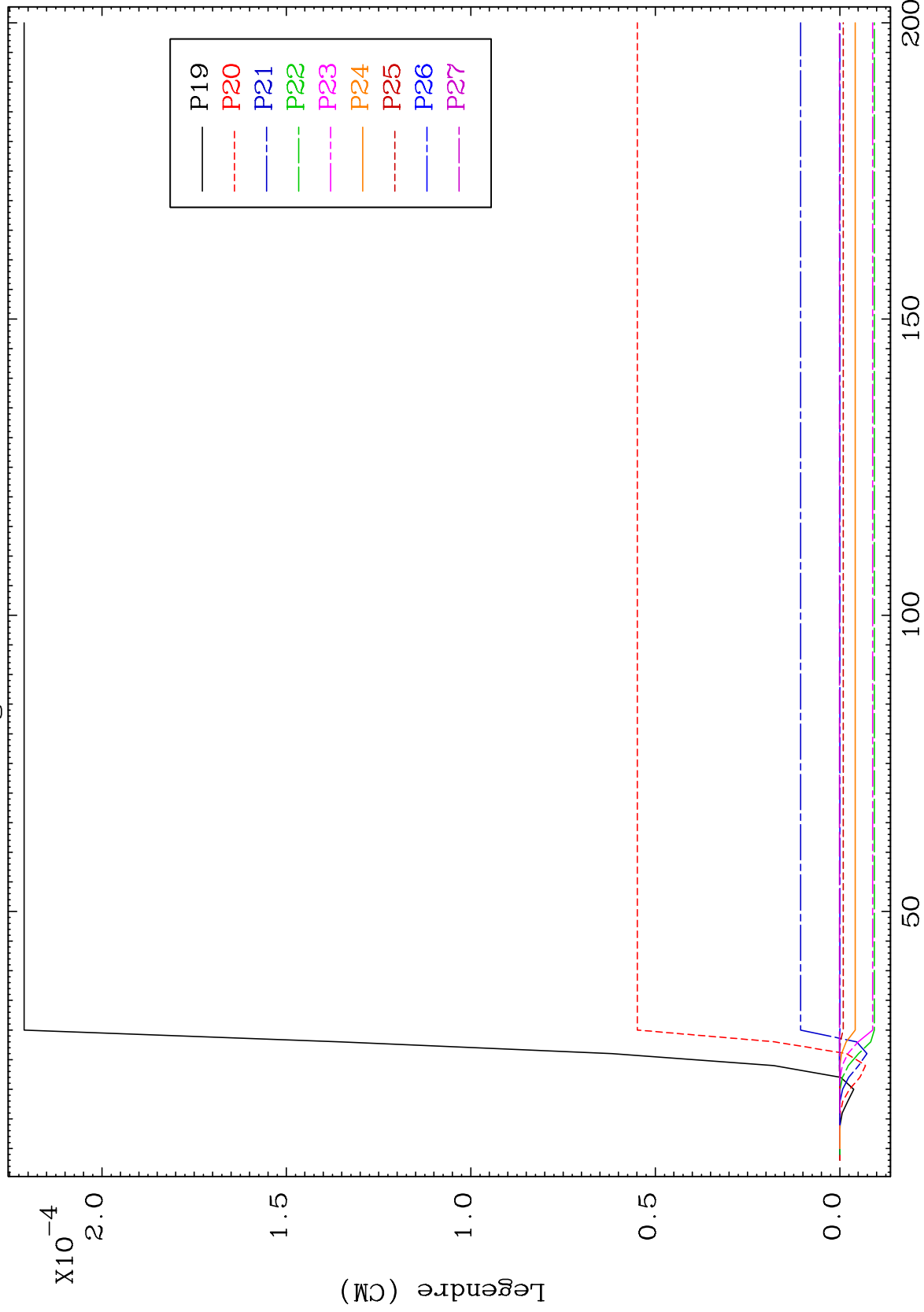
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



39

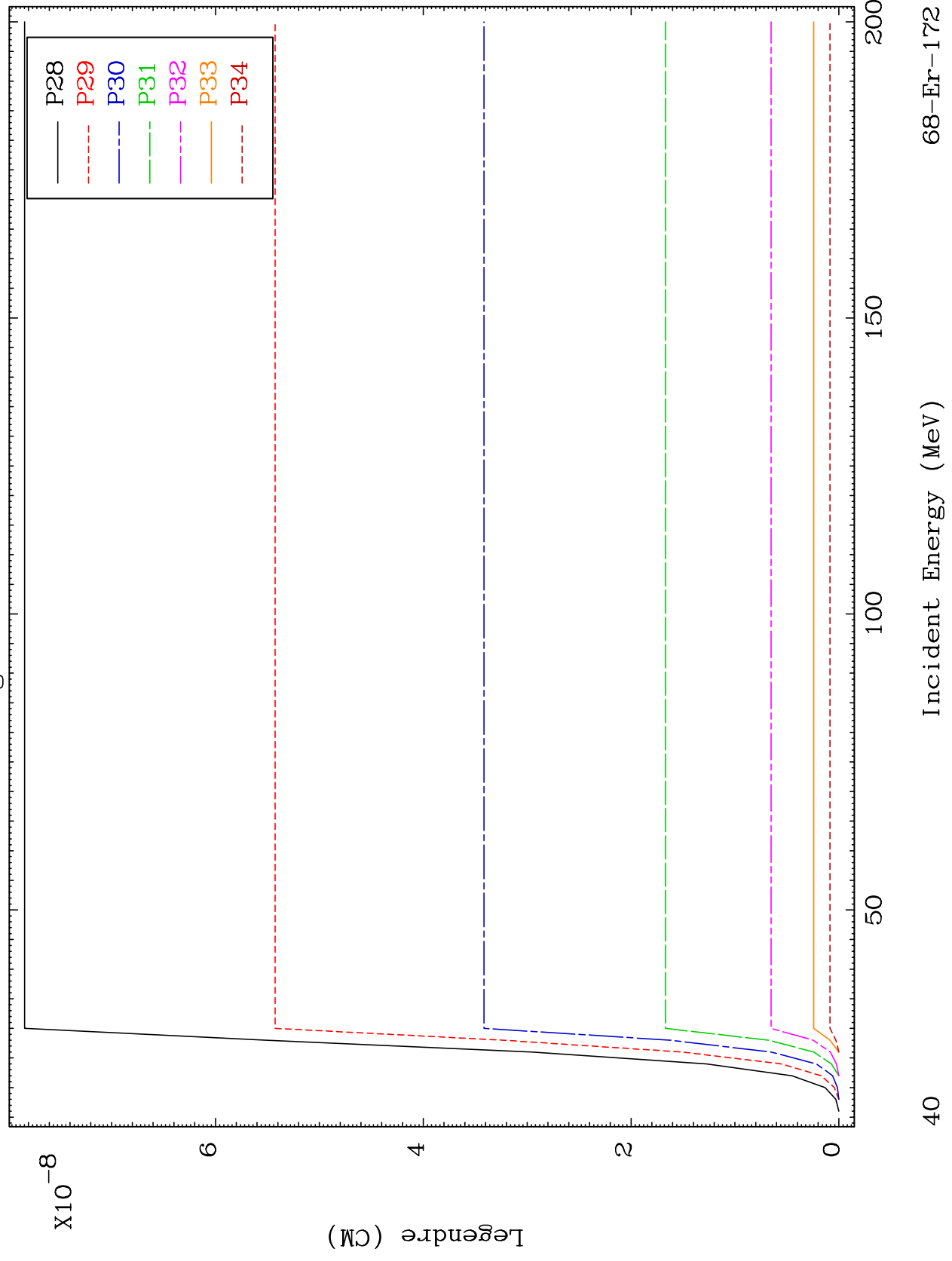
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172

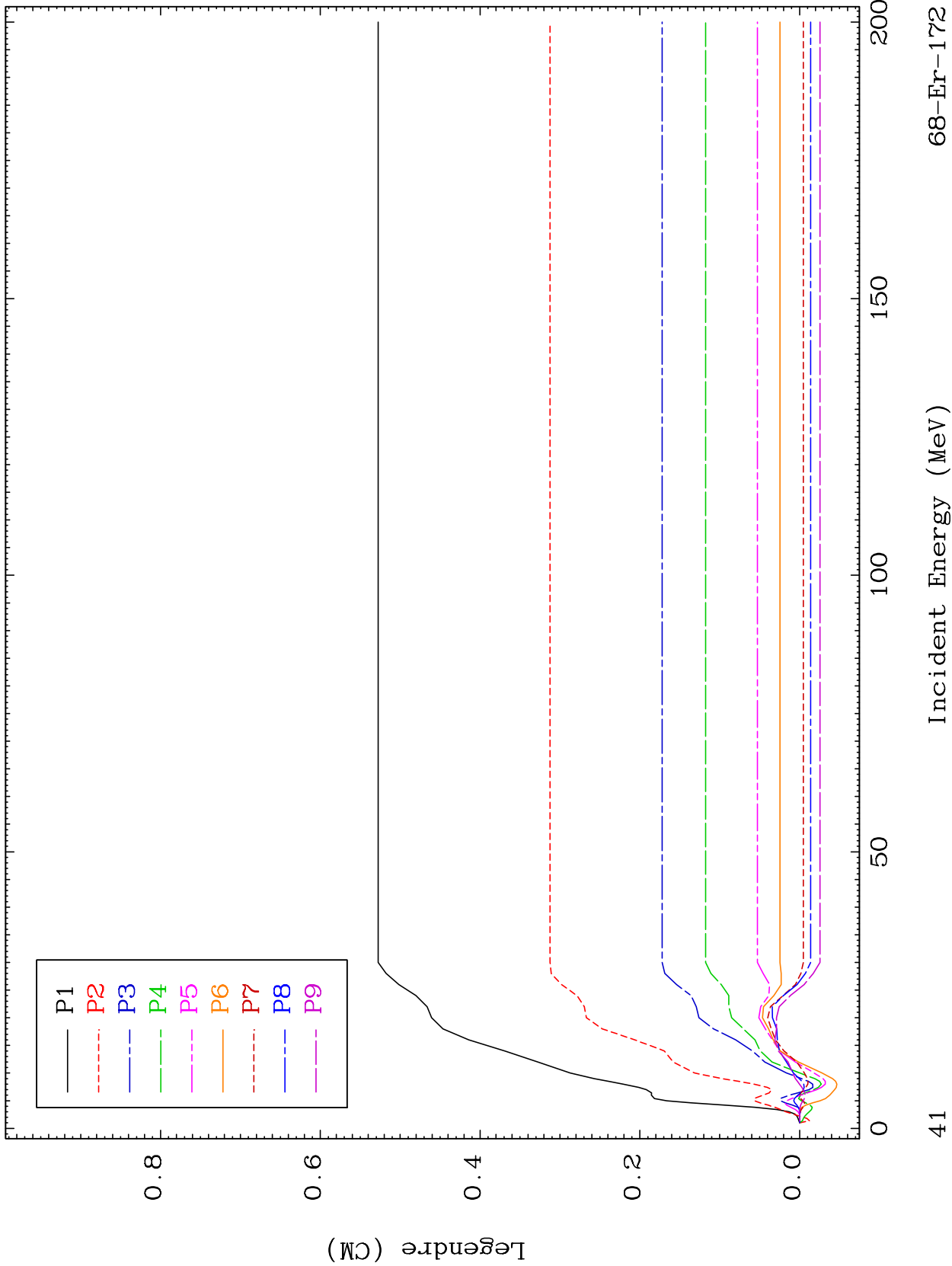


68-Er-172

MAT 6855

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

68-Er-172



41

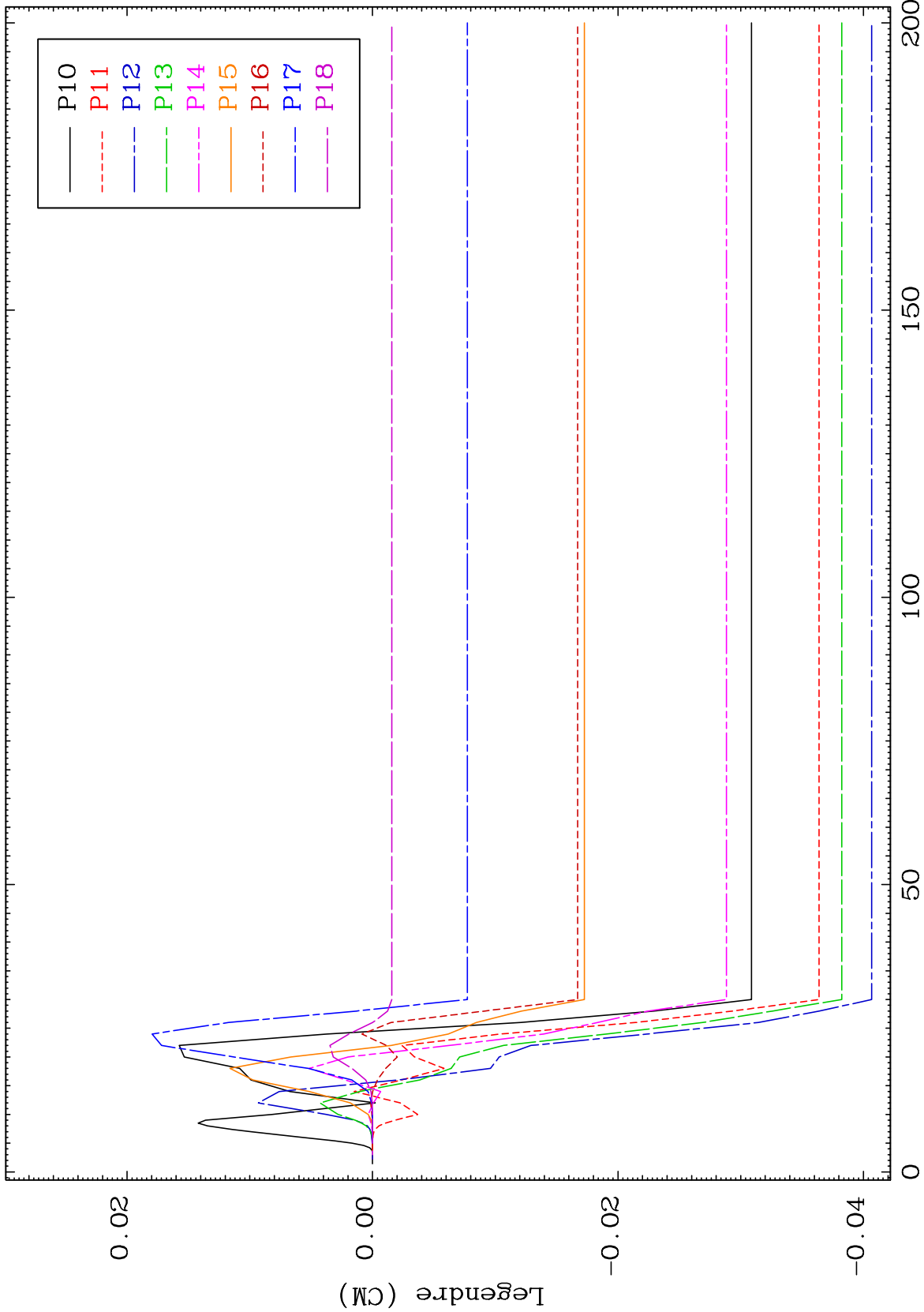
Incident Energy (MeV)

68-Er-172

MAT 6855

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

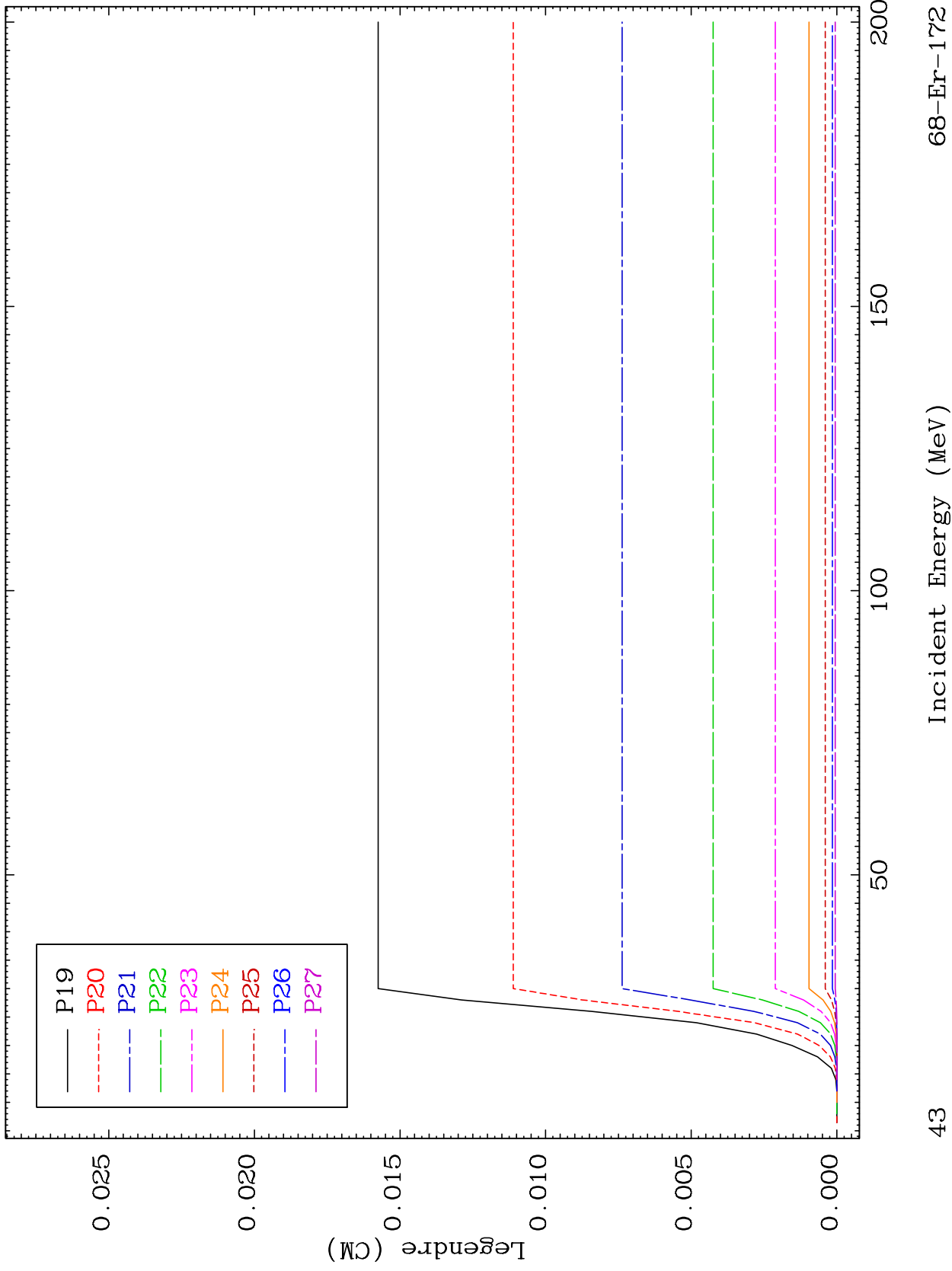
68-Er-172



42

Incident Energy (MeV)

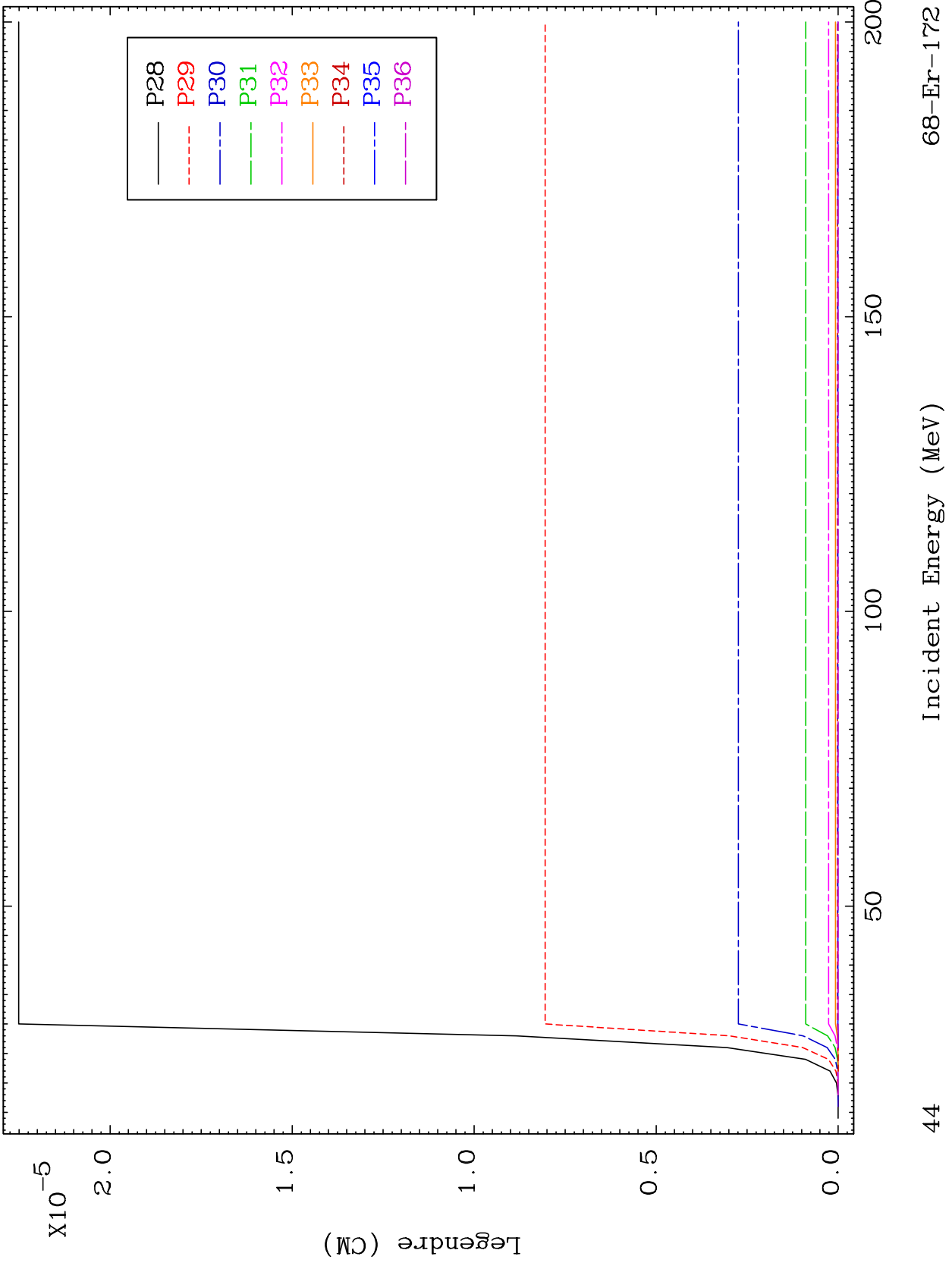
68-Er-172



MAT 6855

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

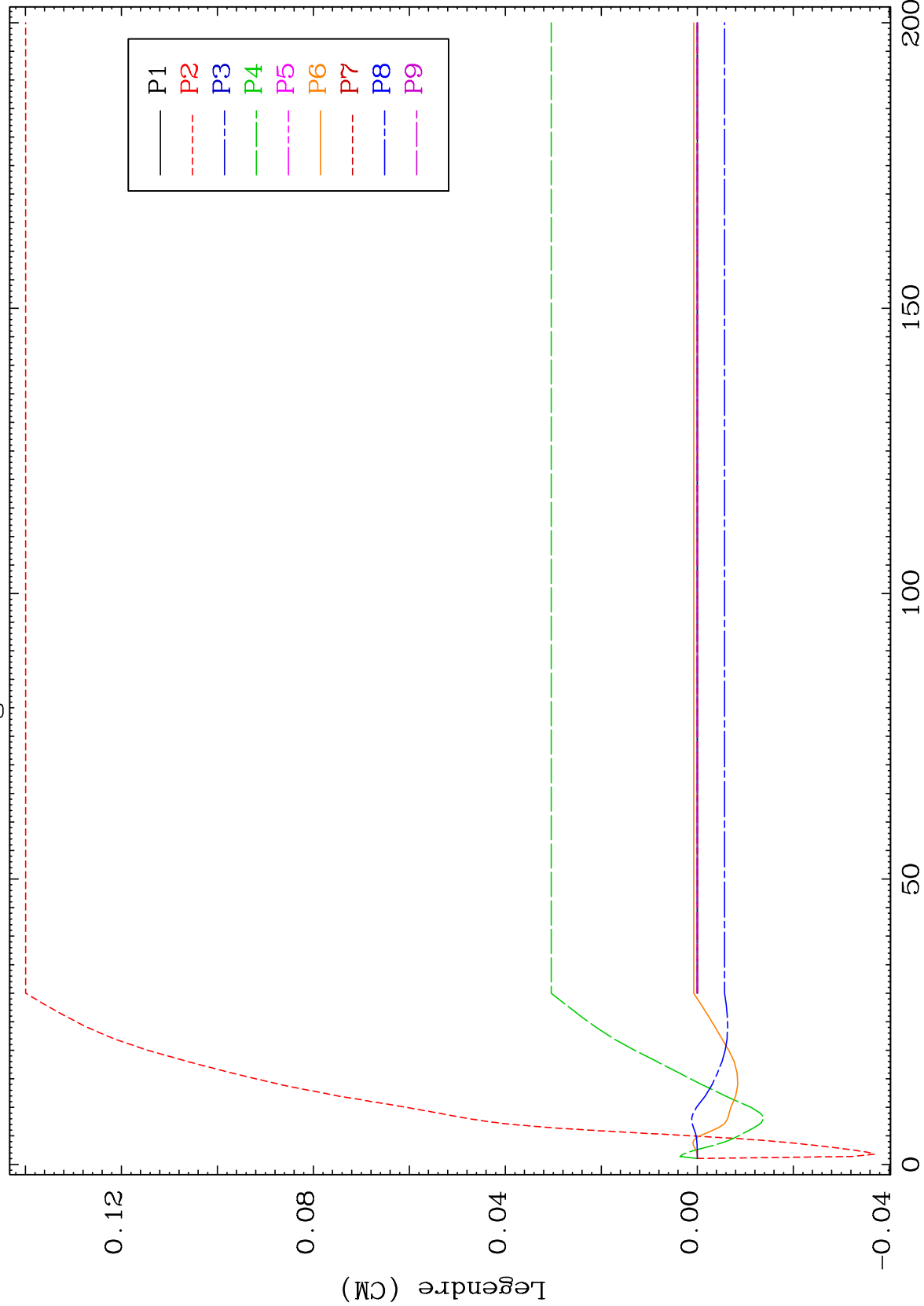
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

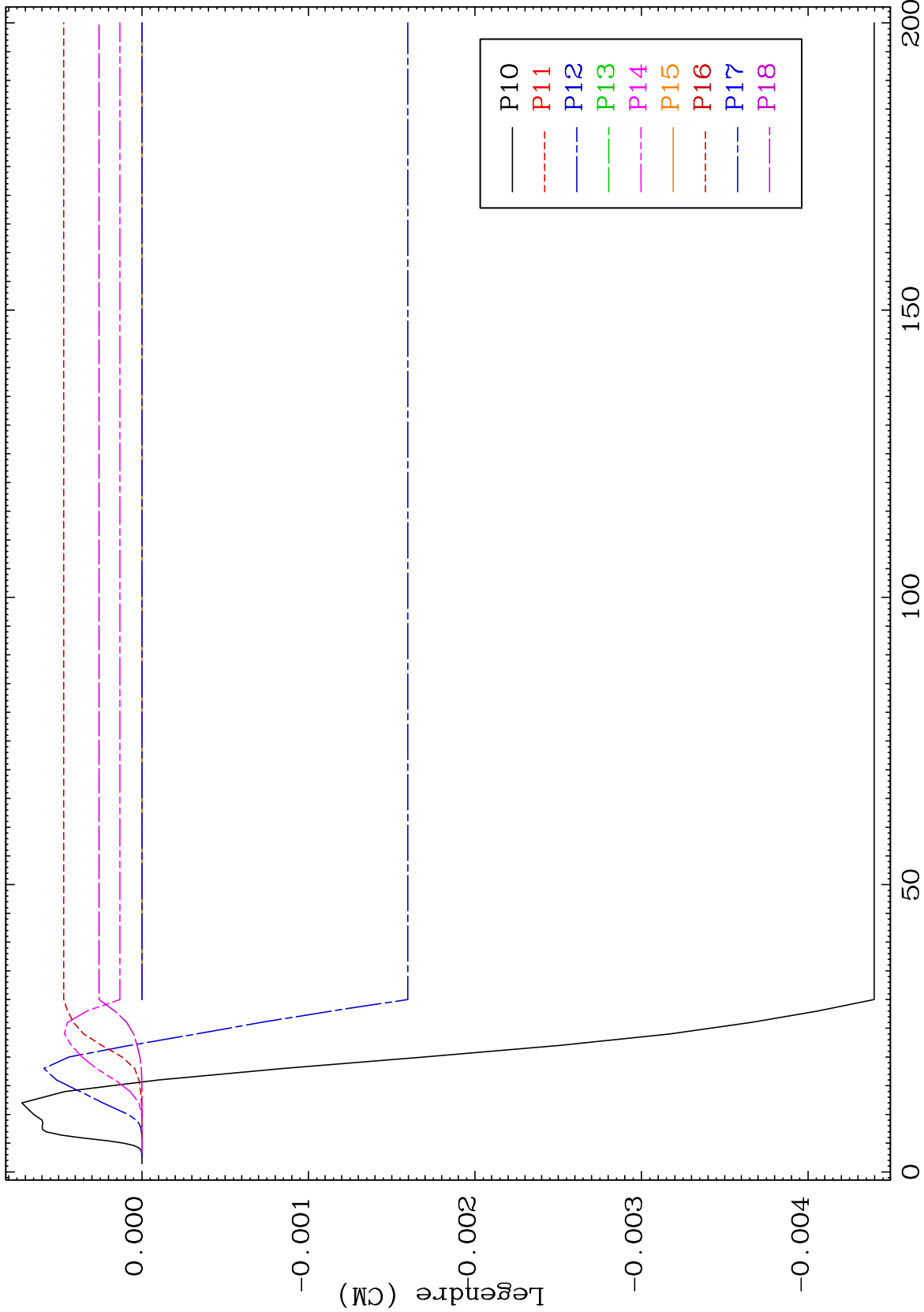
Incident Energy (MeV)

45

MAT 6855

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

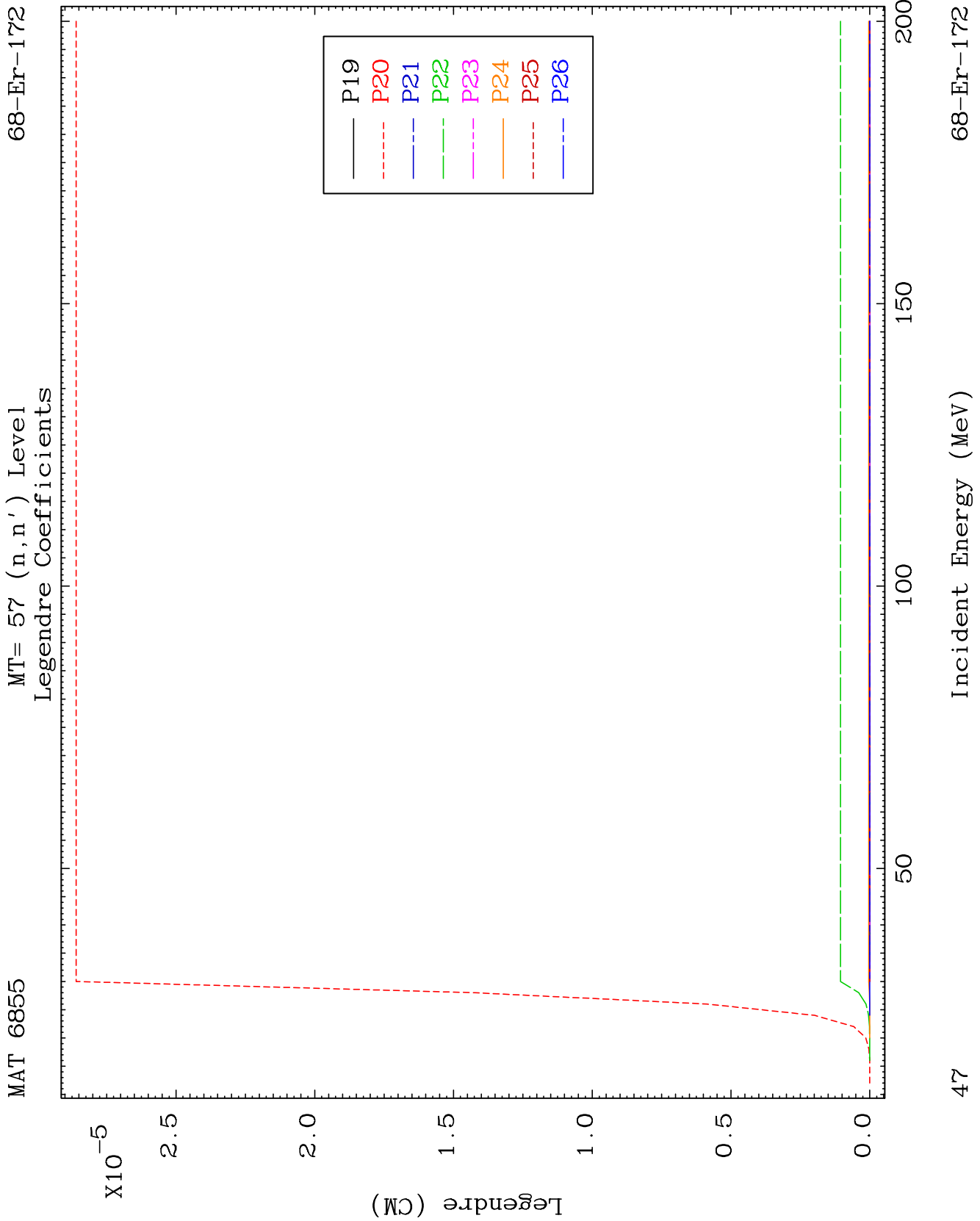
68-Er-172



46

Incident Energy (MeV)

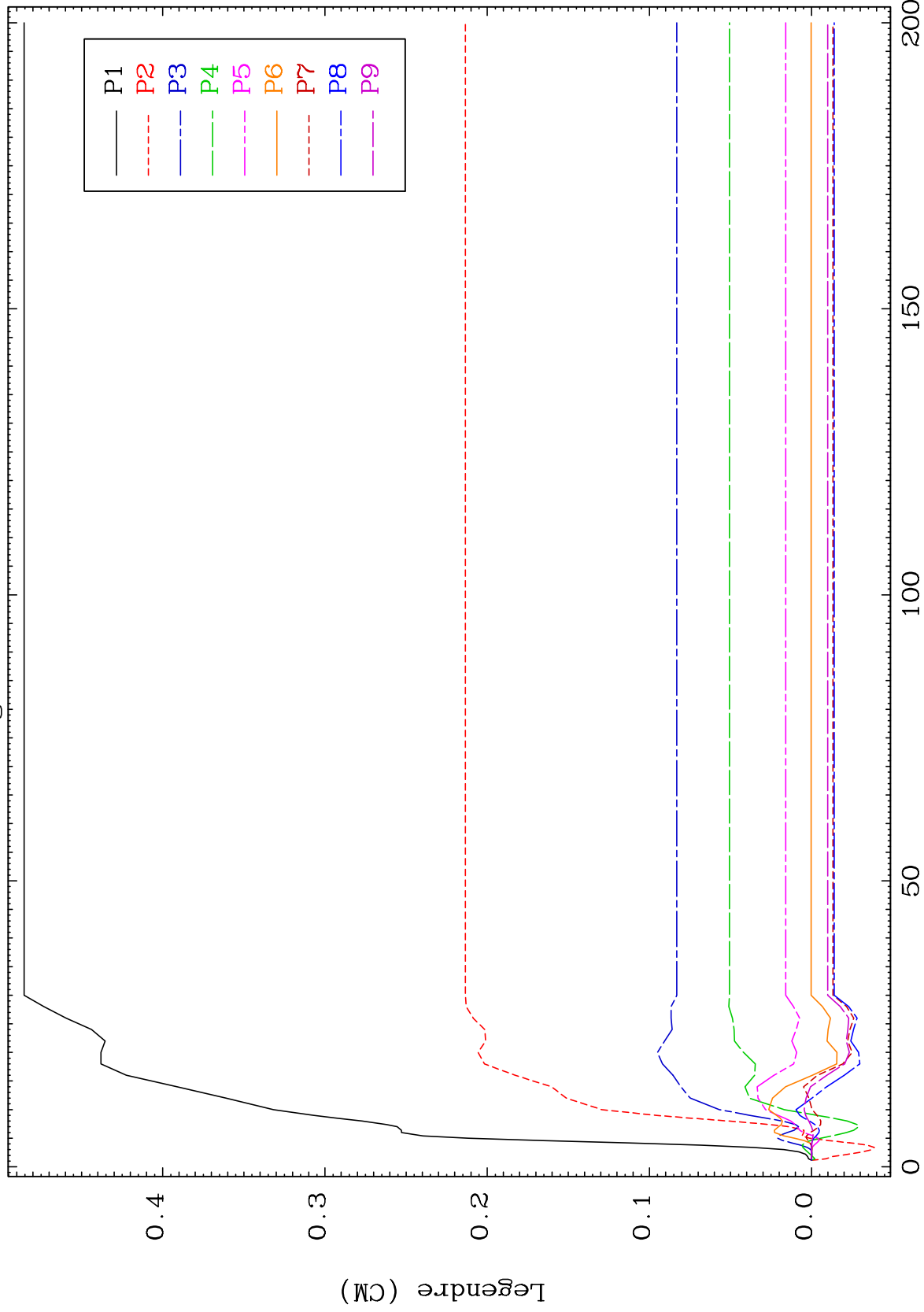
68-Er-172



MAT 6855

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

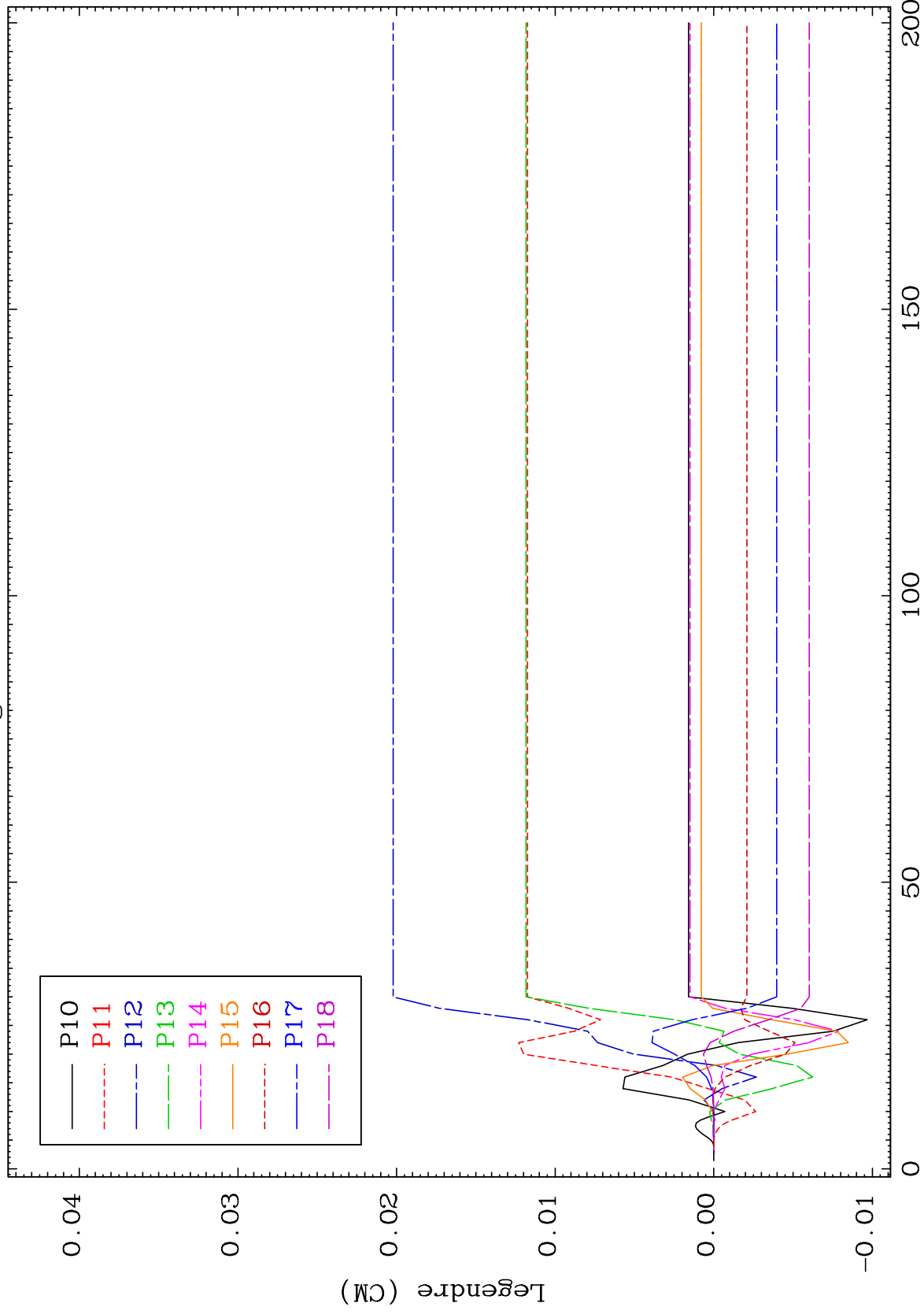
68-Er-172



68-Er-172

Incident Energy (MeV)

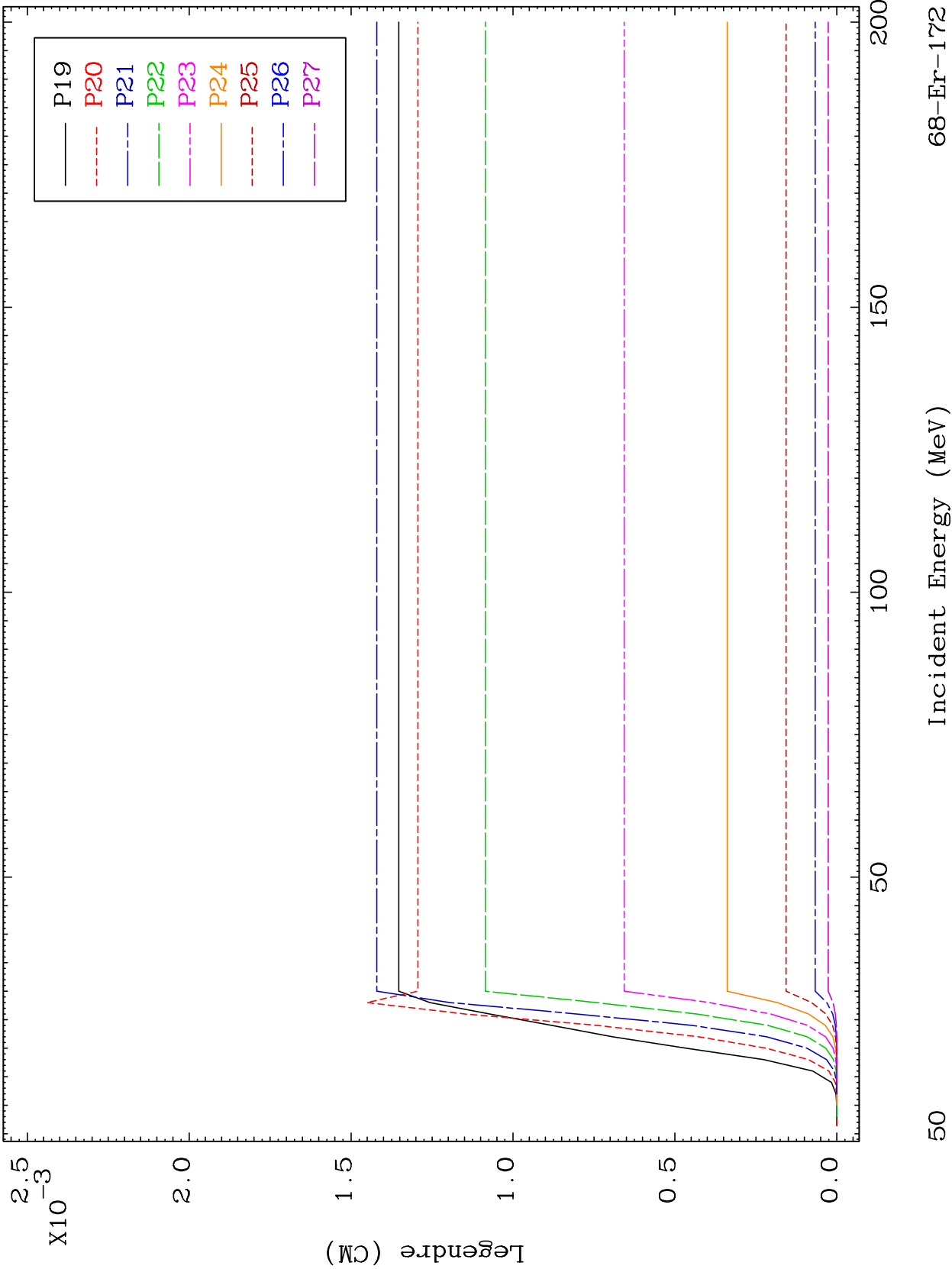
48



MAT 6855

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

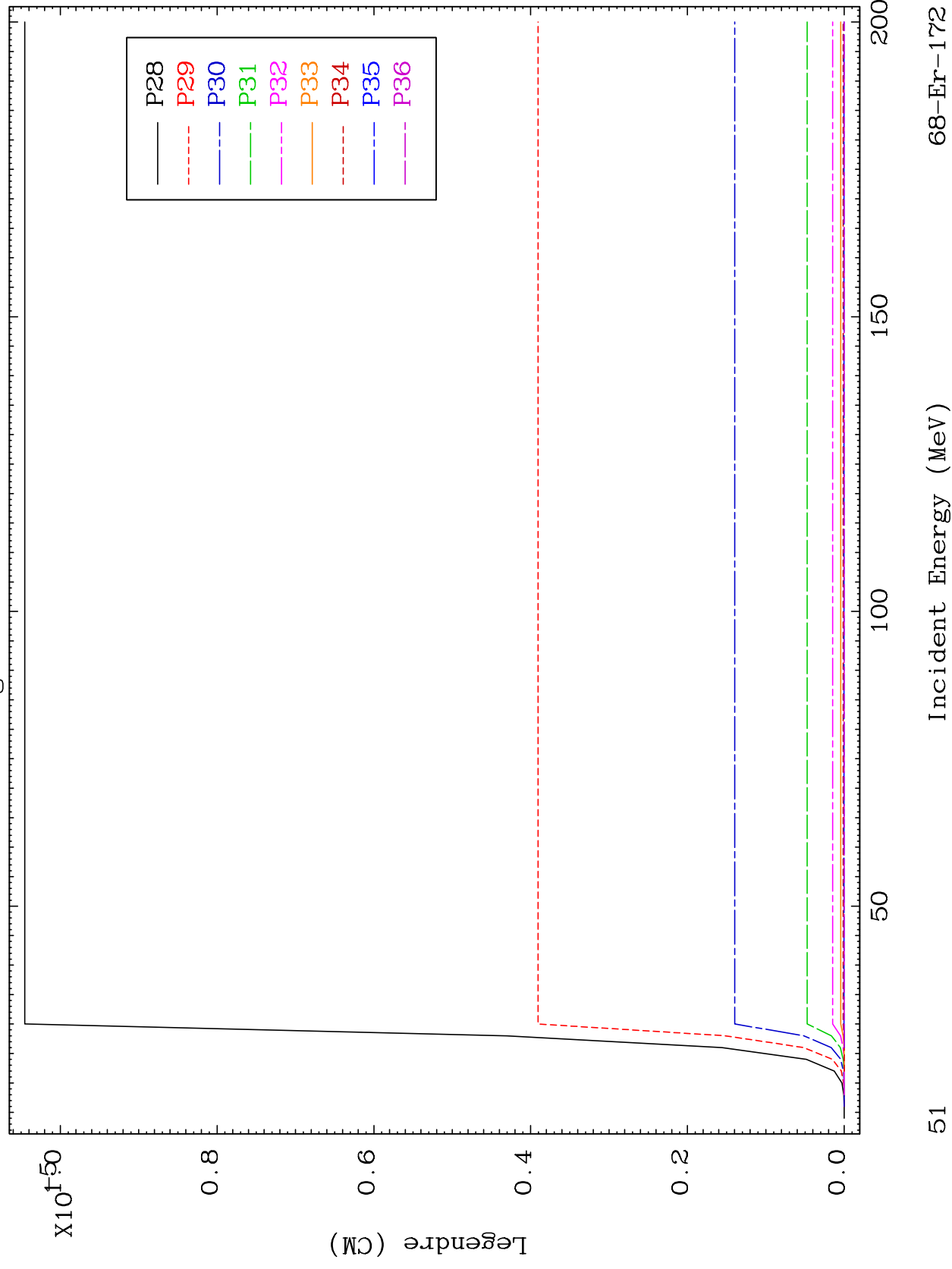
68-Er-172



68-Er-172

Incident Energy (MeV)

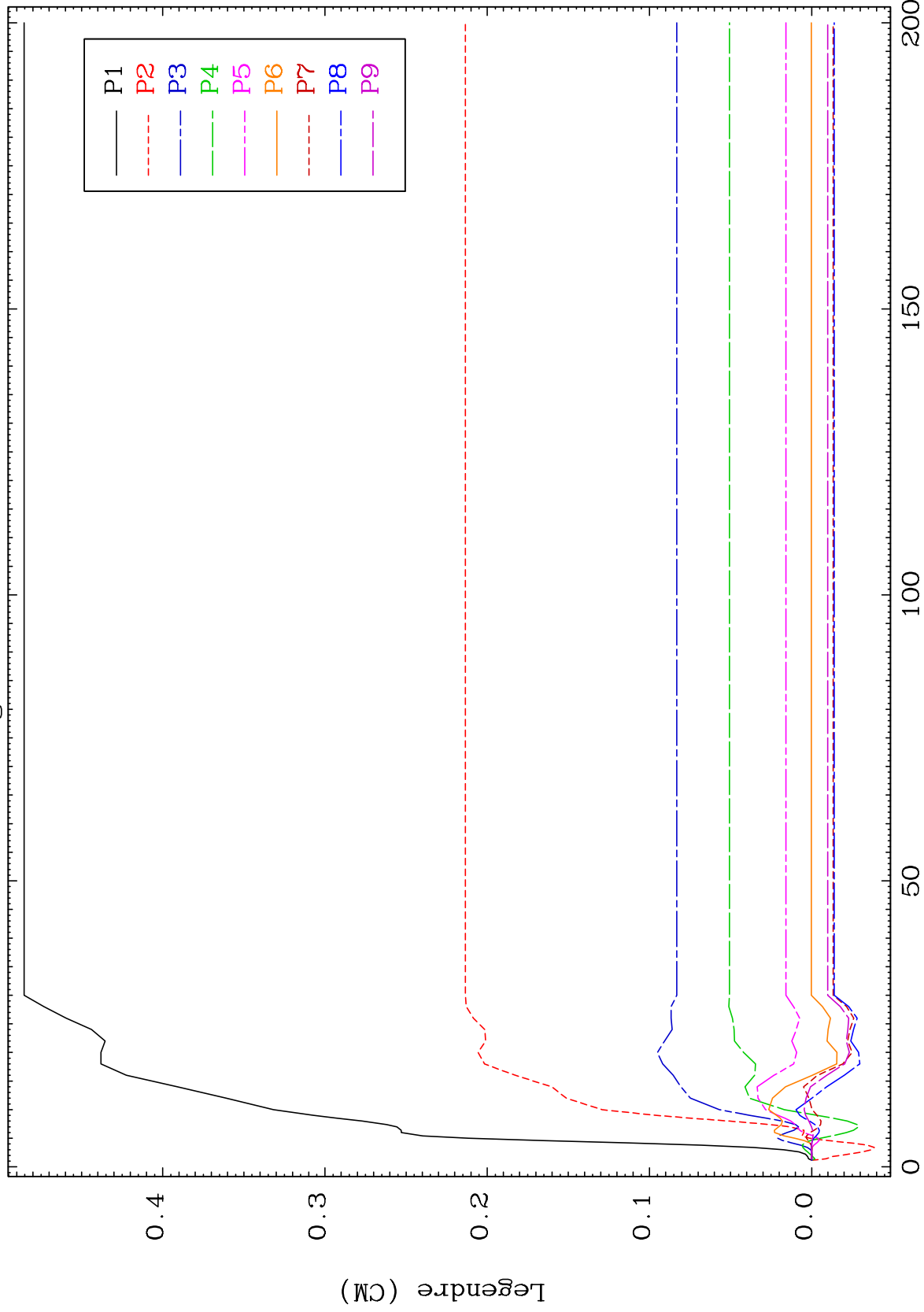
50



MAT 6855

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

68-Er-172



68-Er-172

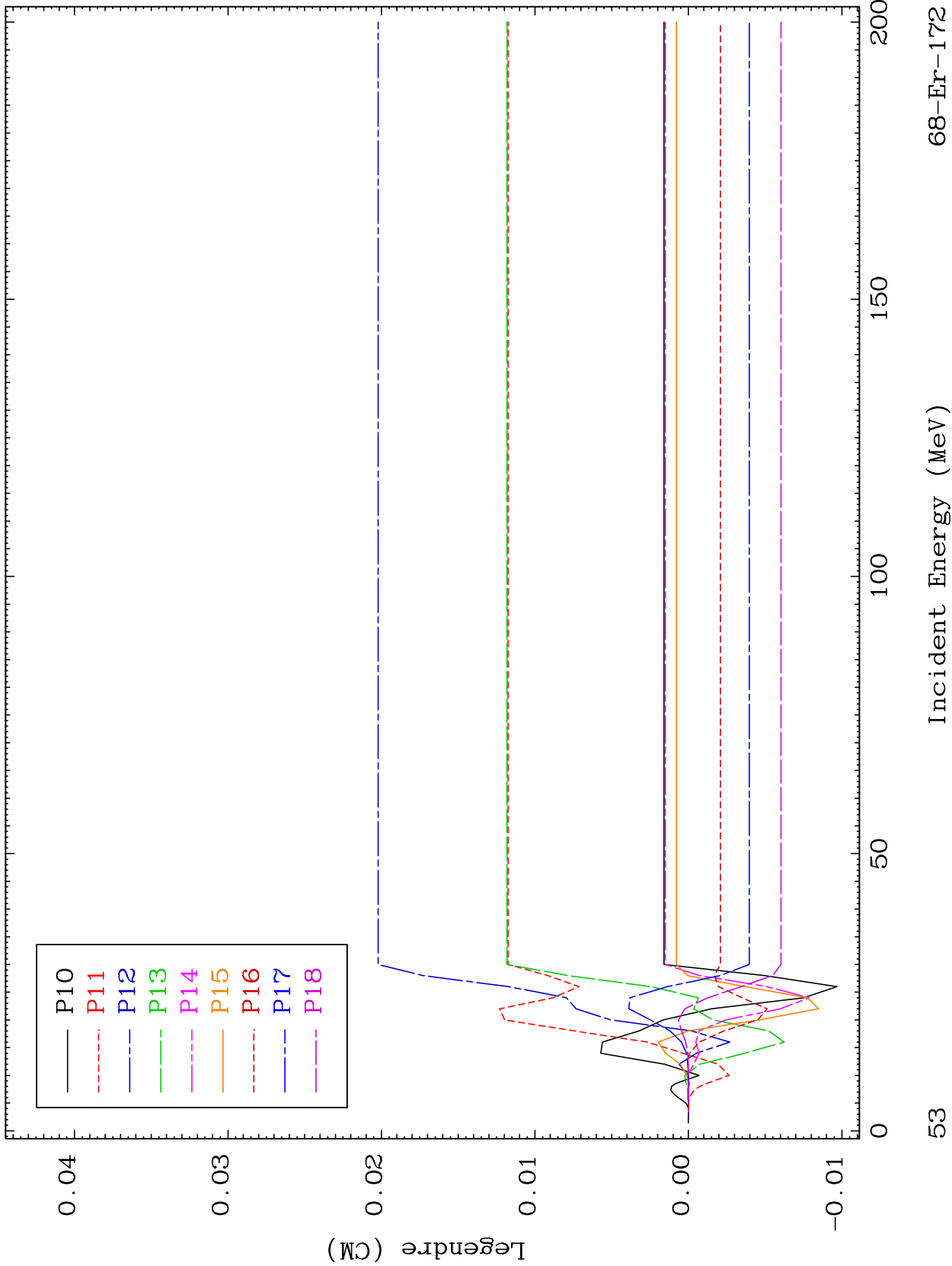
Incident Energy (MeV)

52

MAT 6855

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

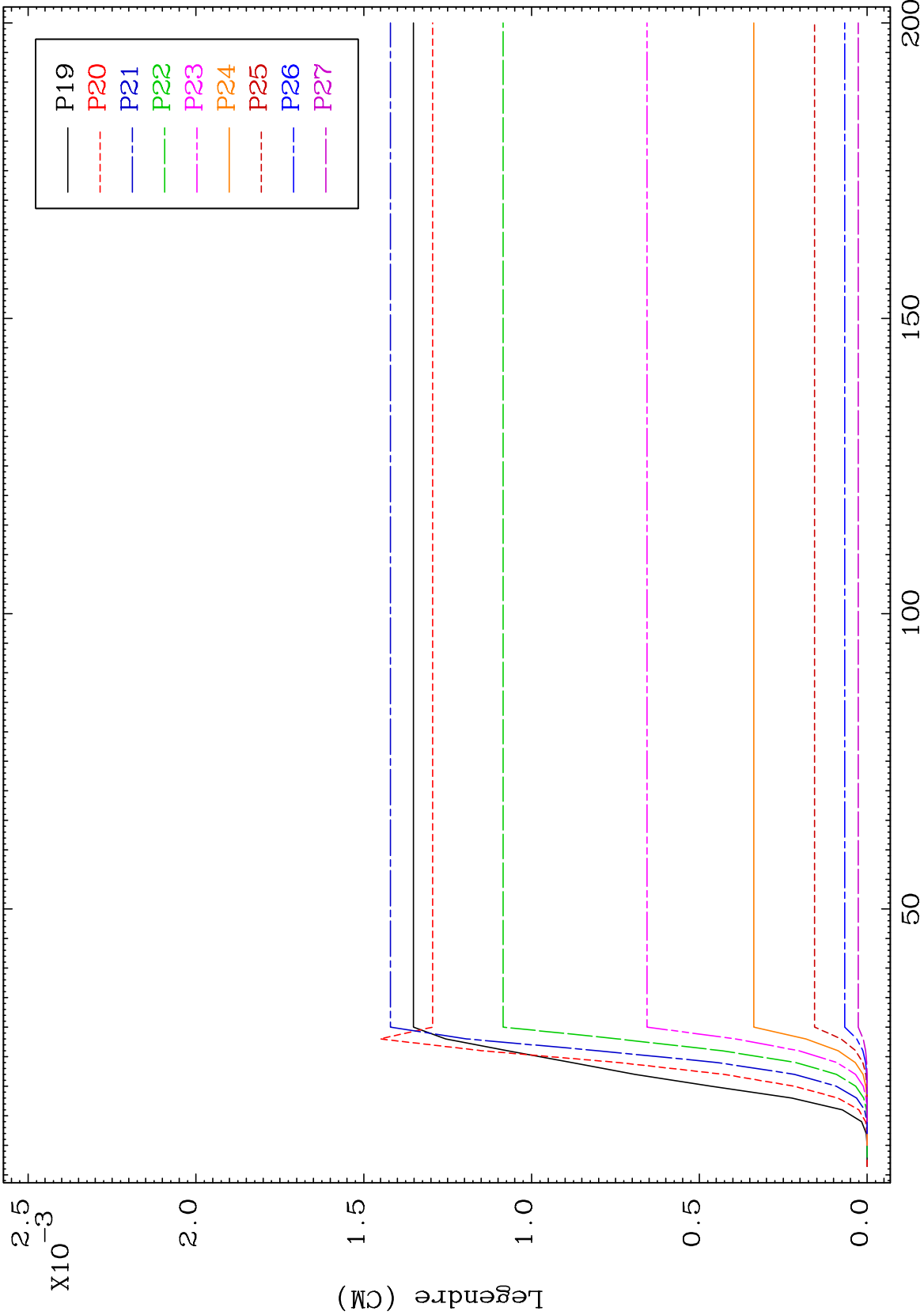
68-Er-172



68-Er-172

Incident Energy (MeV)

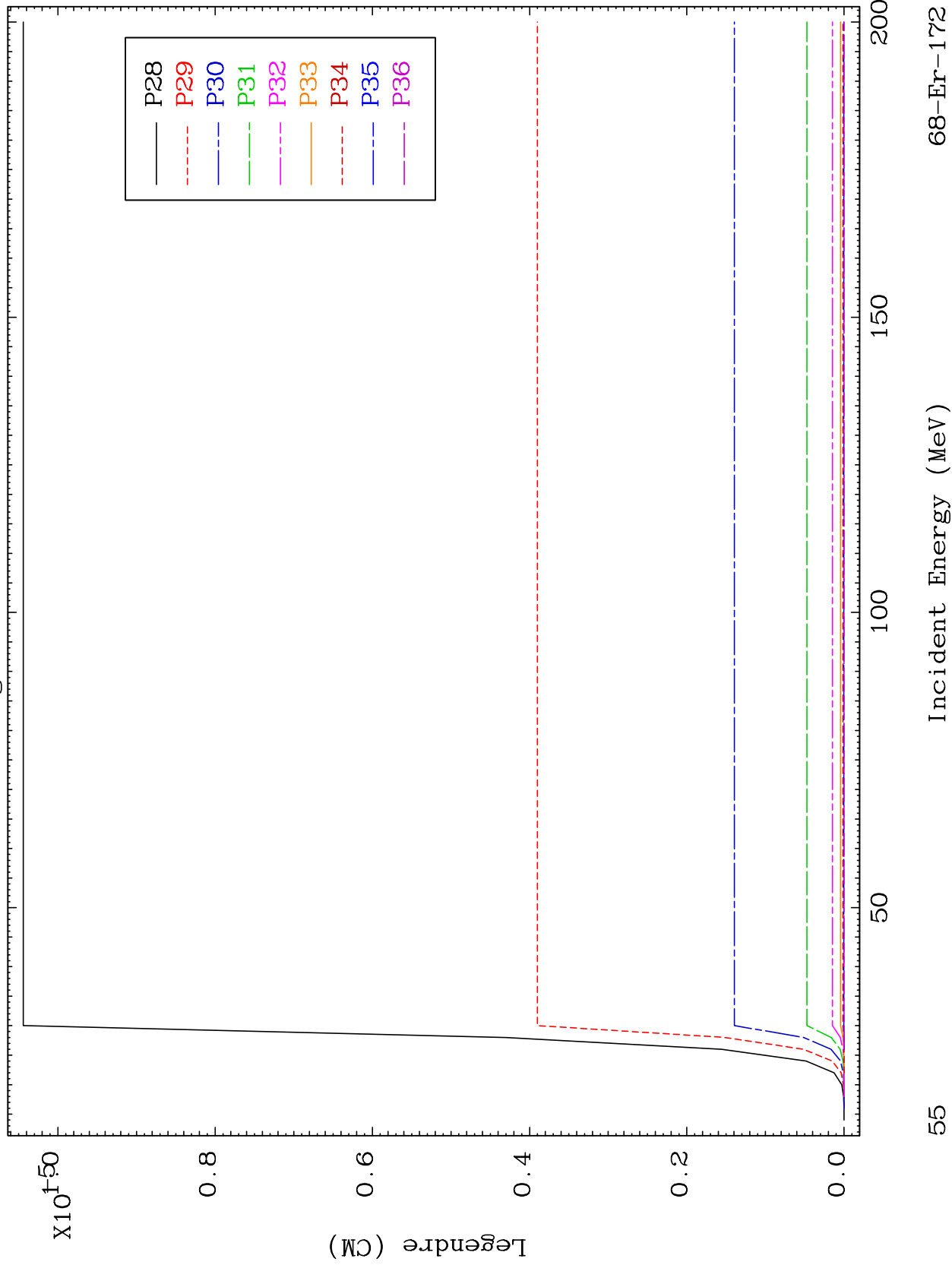
53



MAT 6855

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

68-Er-172



55

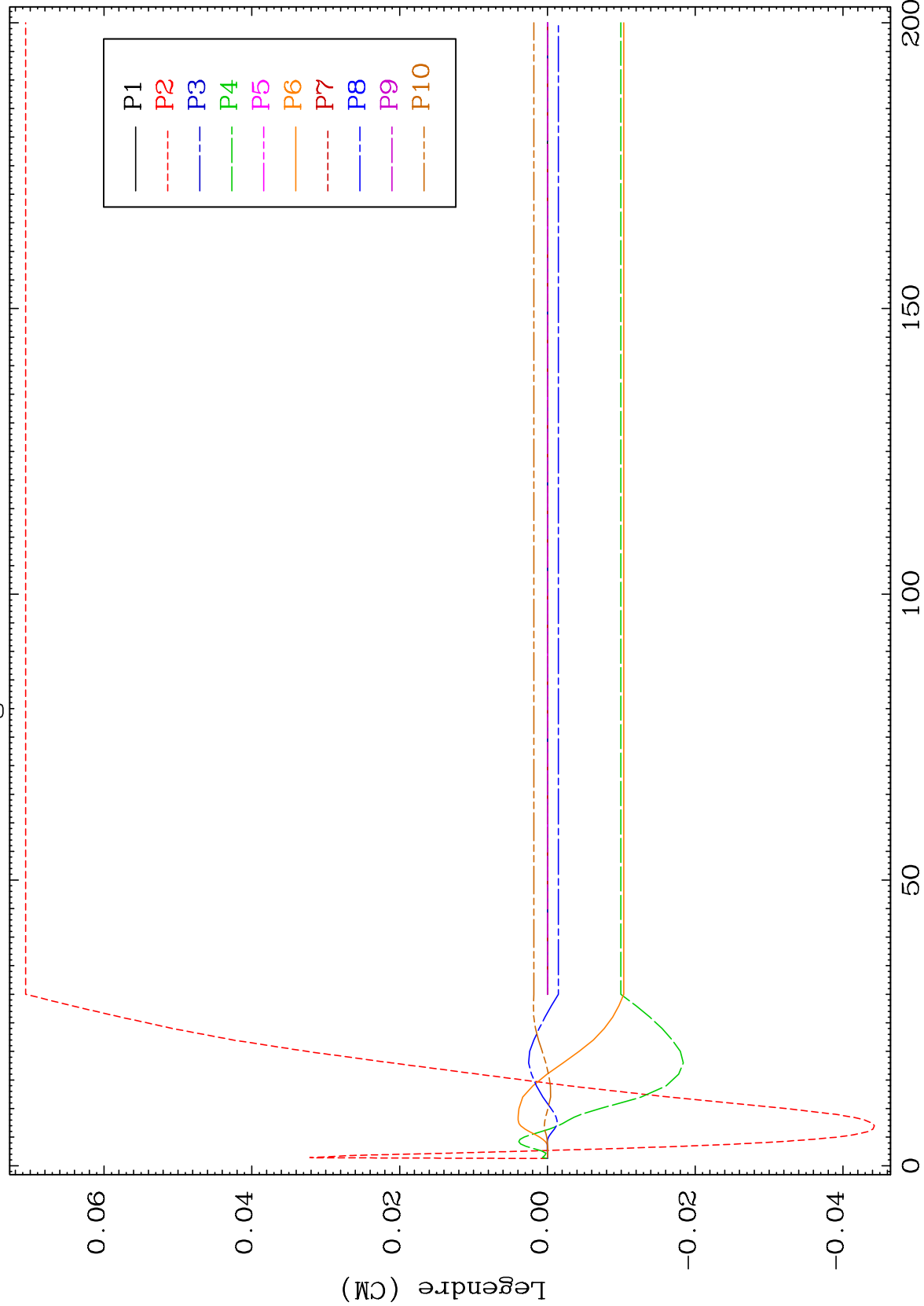
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



68-Er-172

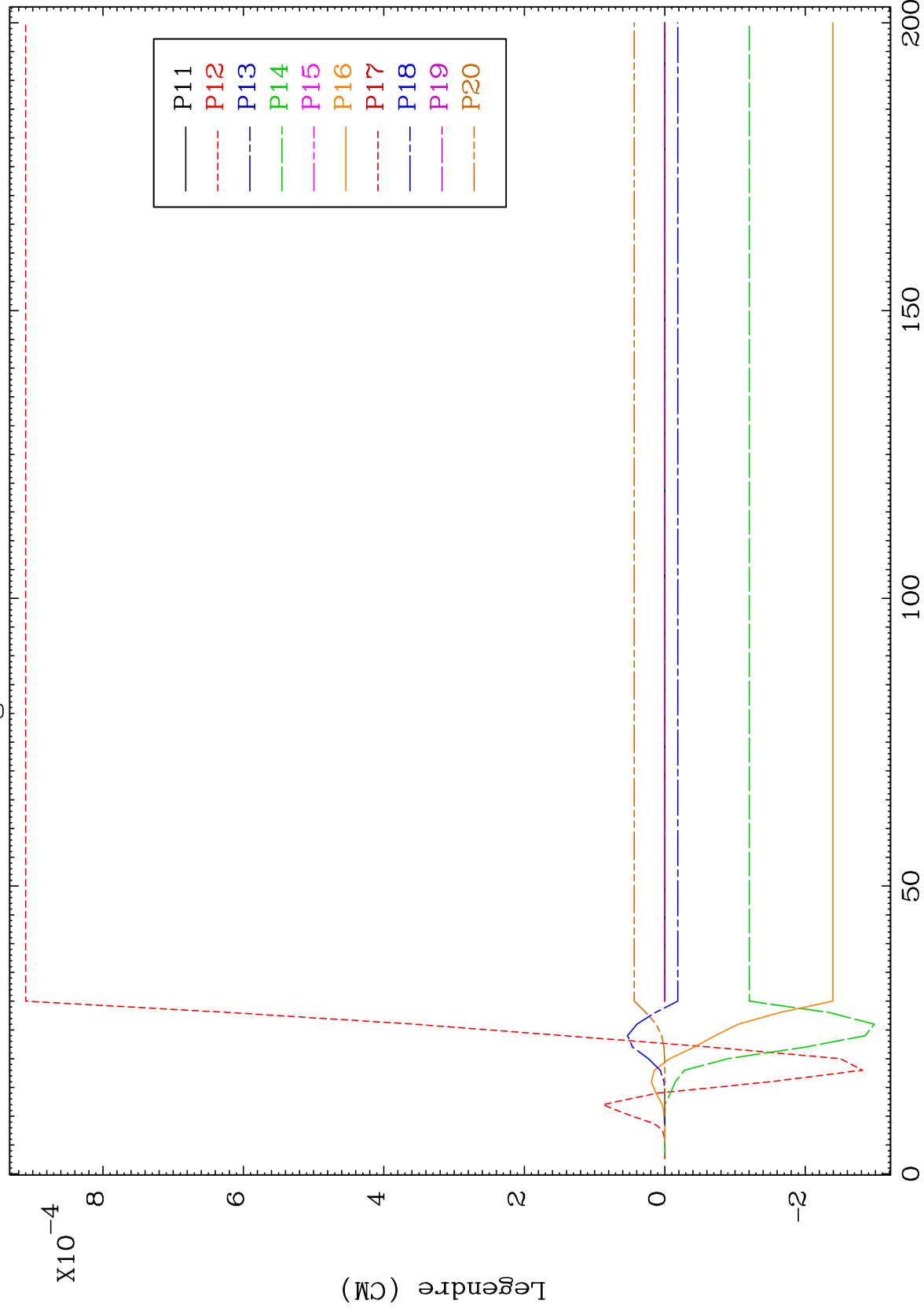
Incident Energy (MeV)

56

MAT 6855

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

68-Er-172



57

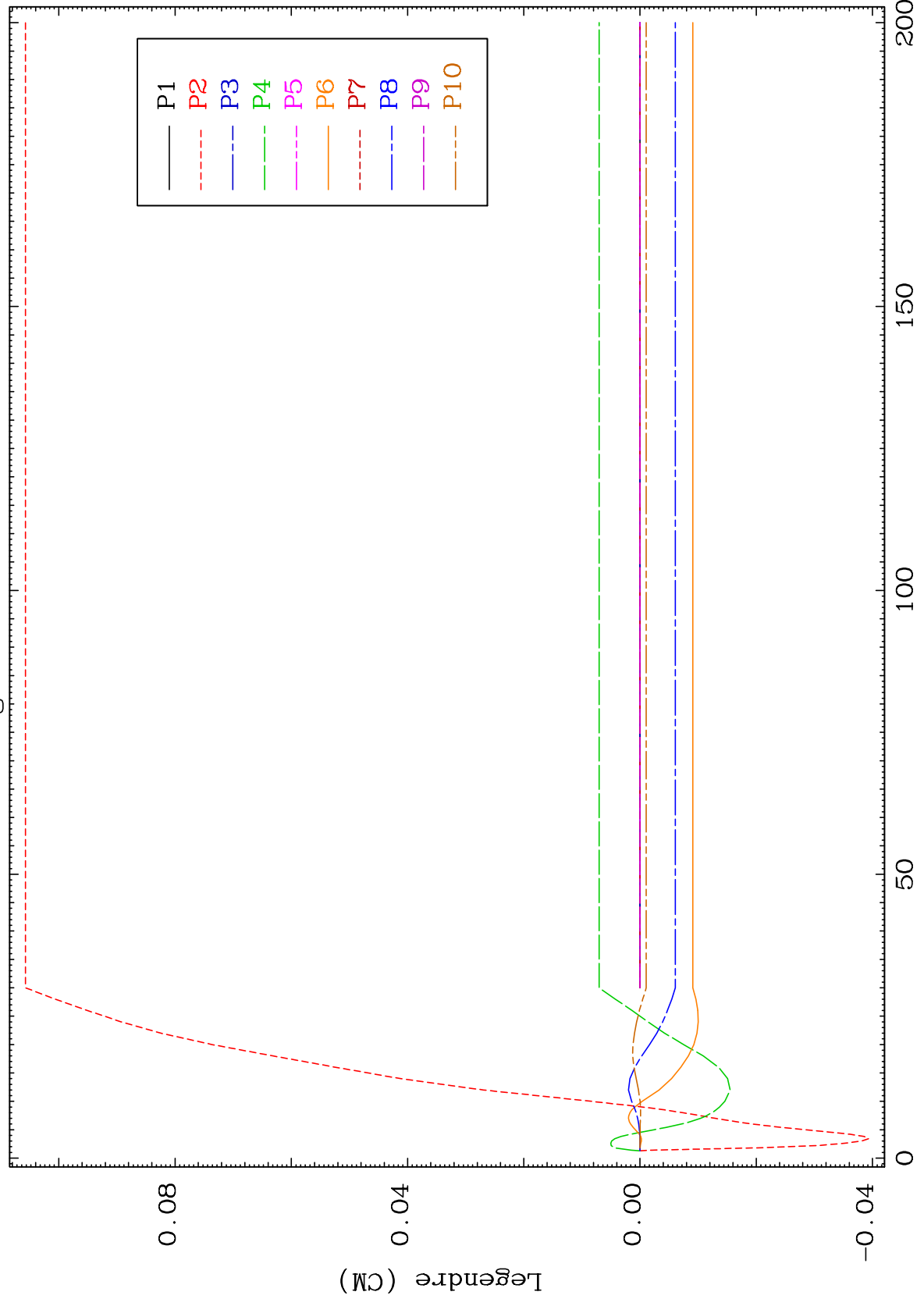
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



59

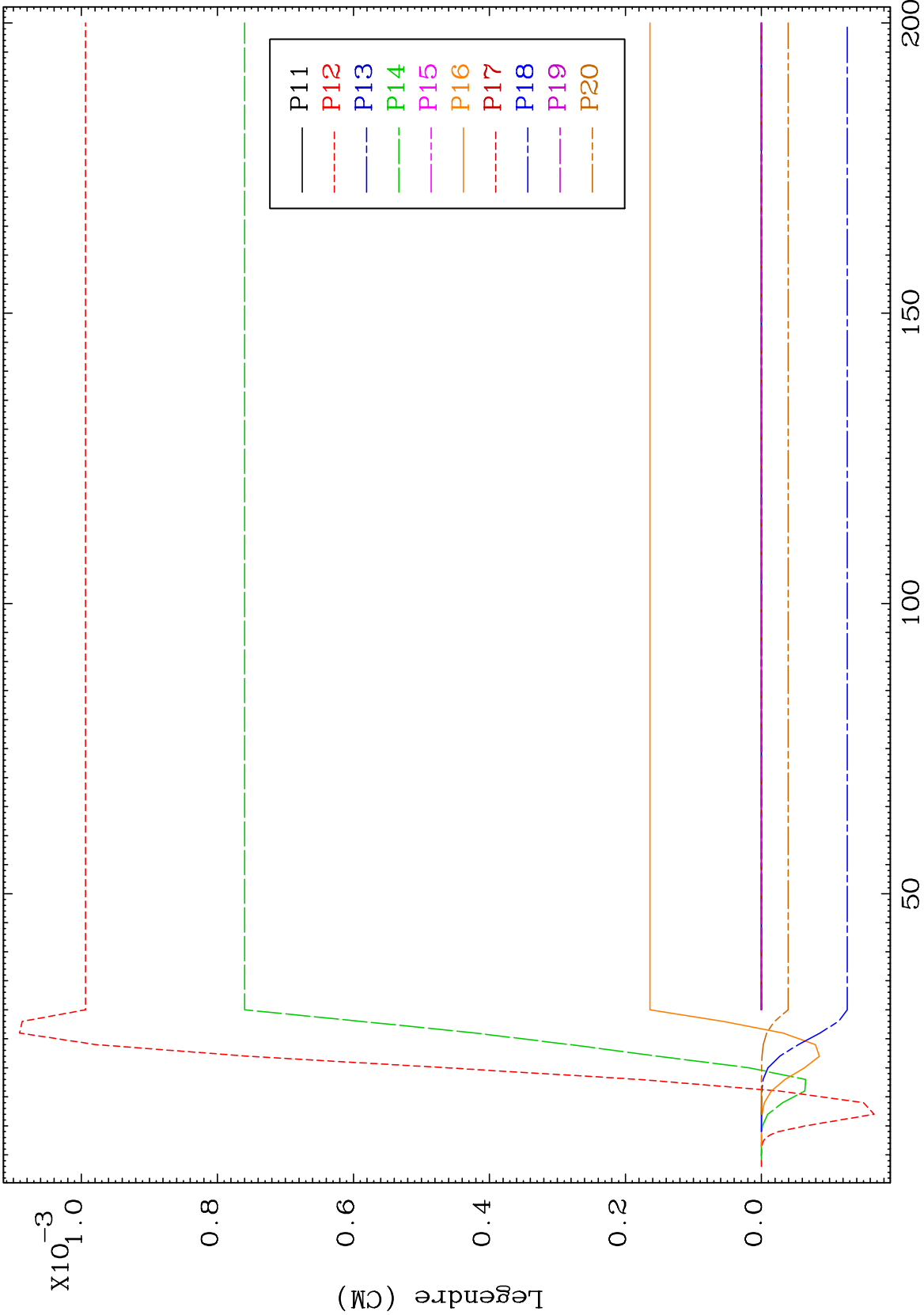
Incident Energy (MeV)

68-Er-172

MAT 6855

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

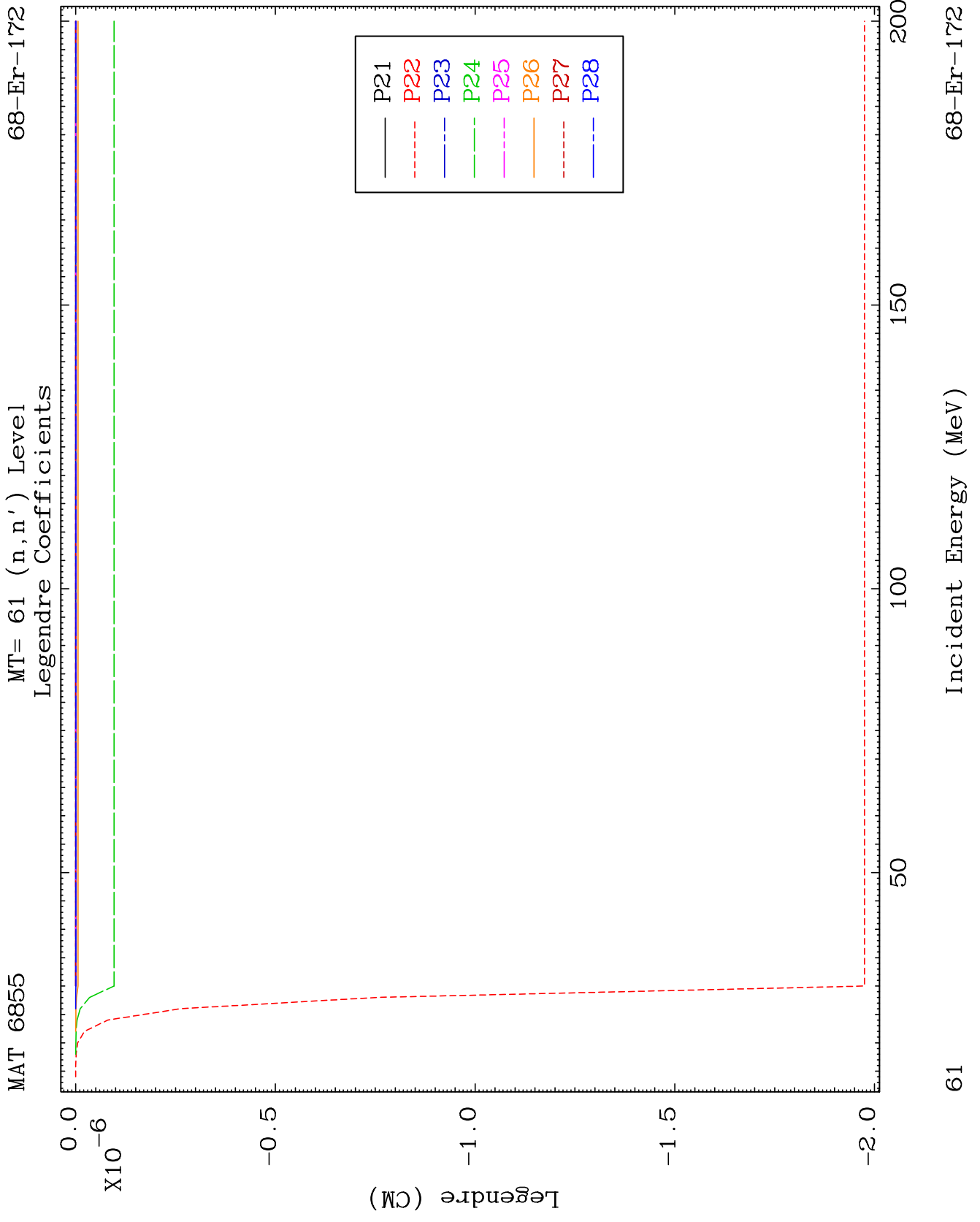
68-Er-172



60

Incident Energy (MeV)

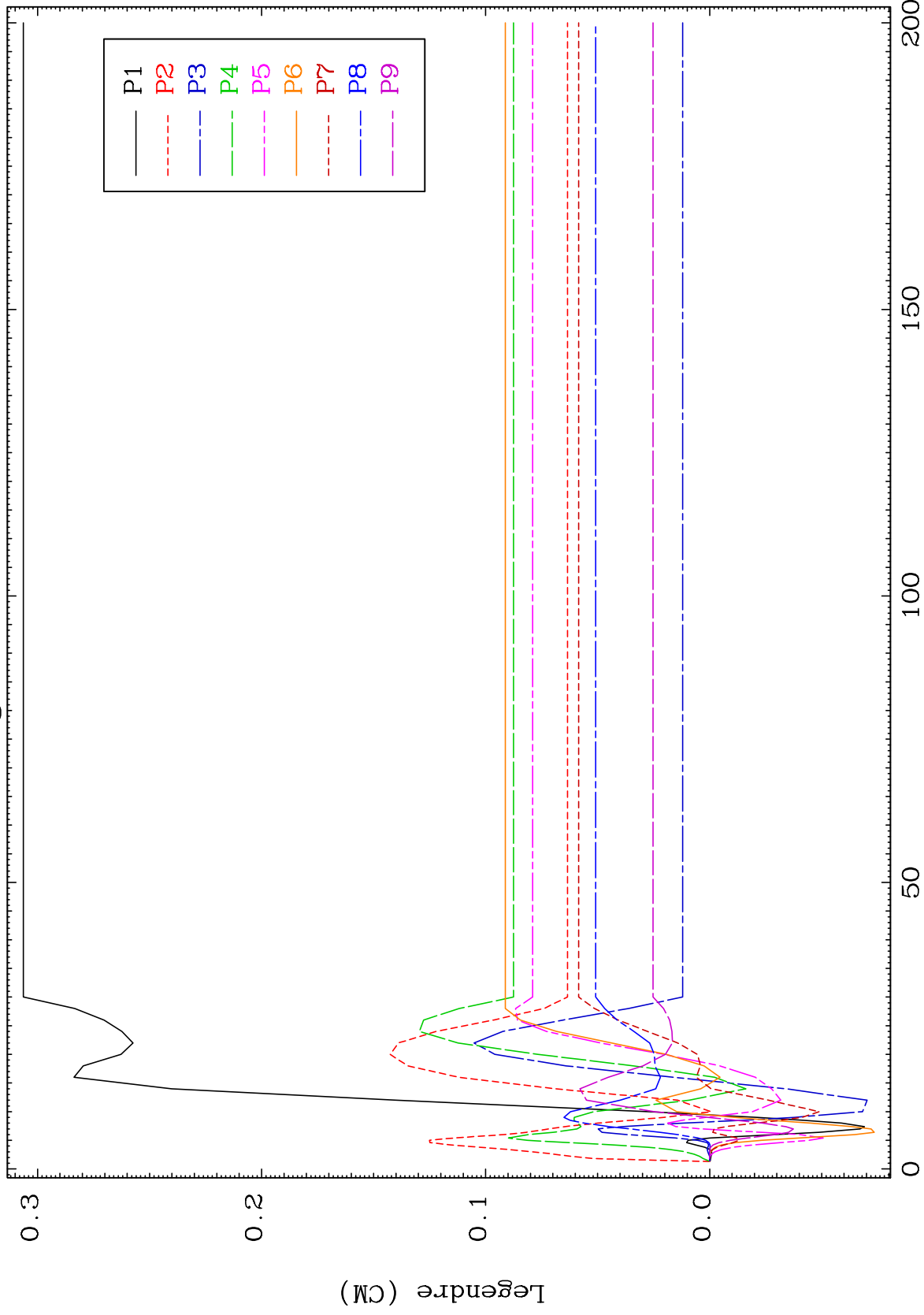
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

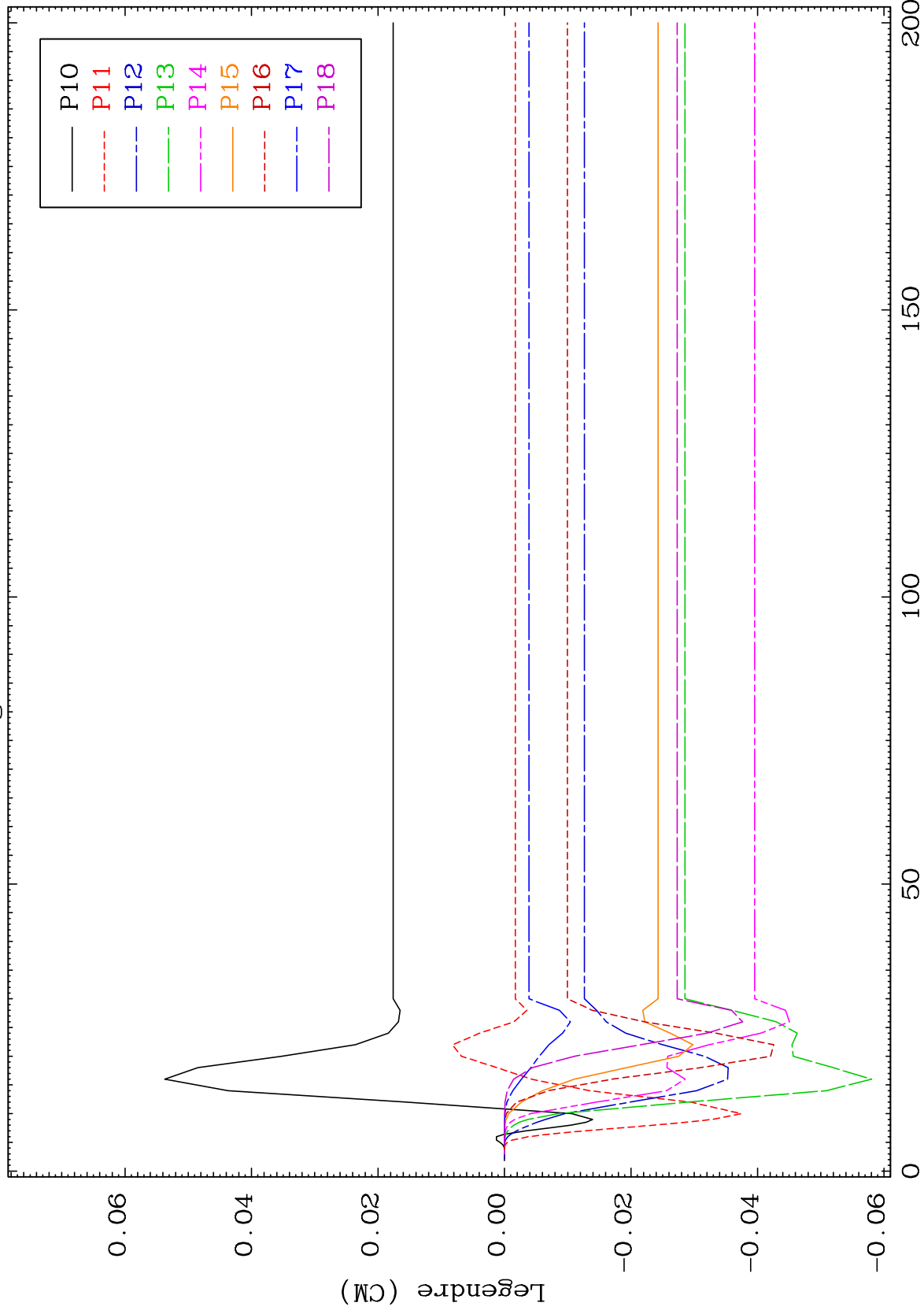
Incident Energy (MeV)

62

MAT 6855

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

68-Er-172



63

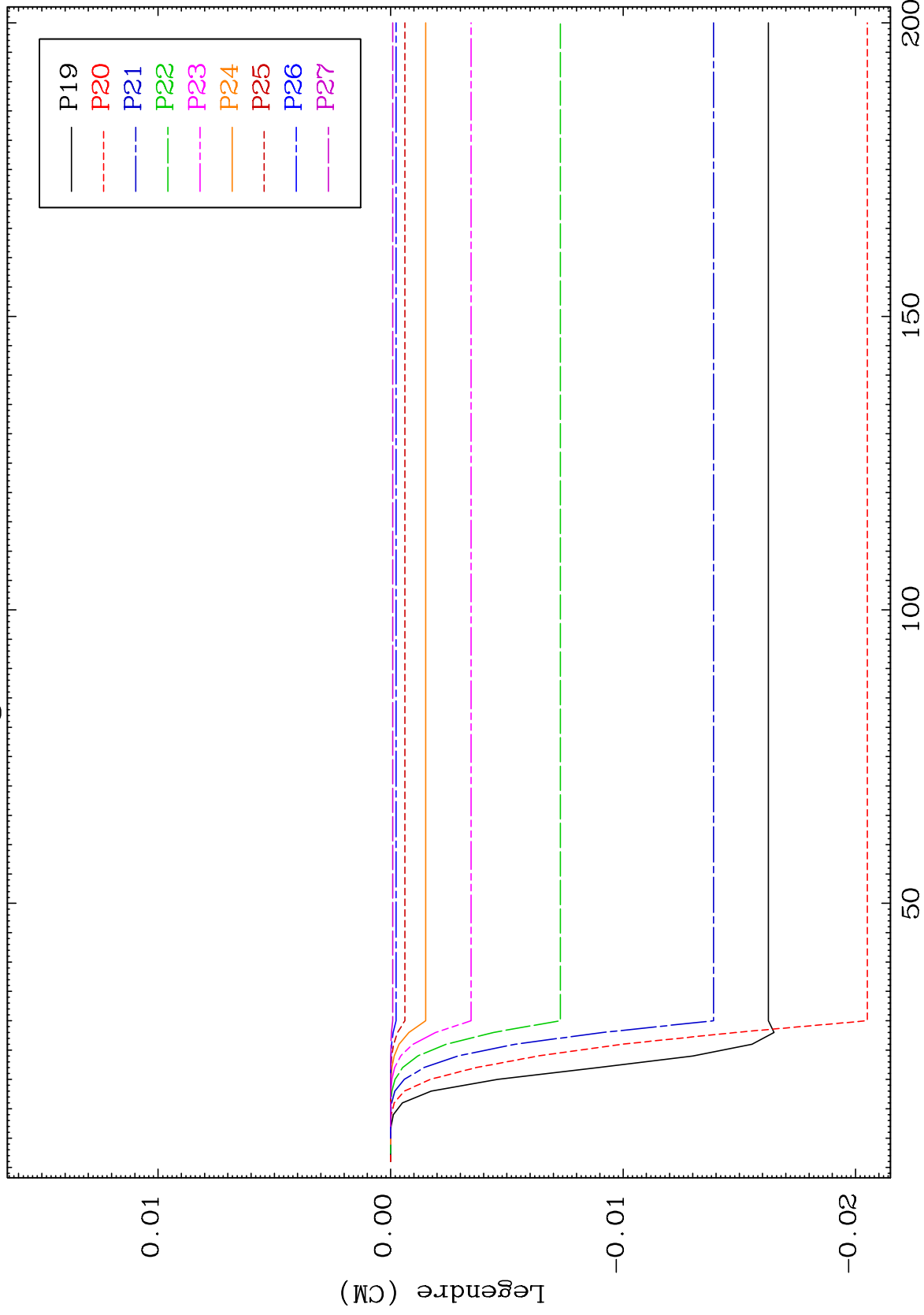
Incident Energy (MeV)

68-Er-172

MAT 6855

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

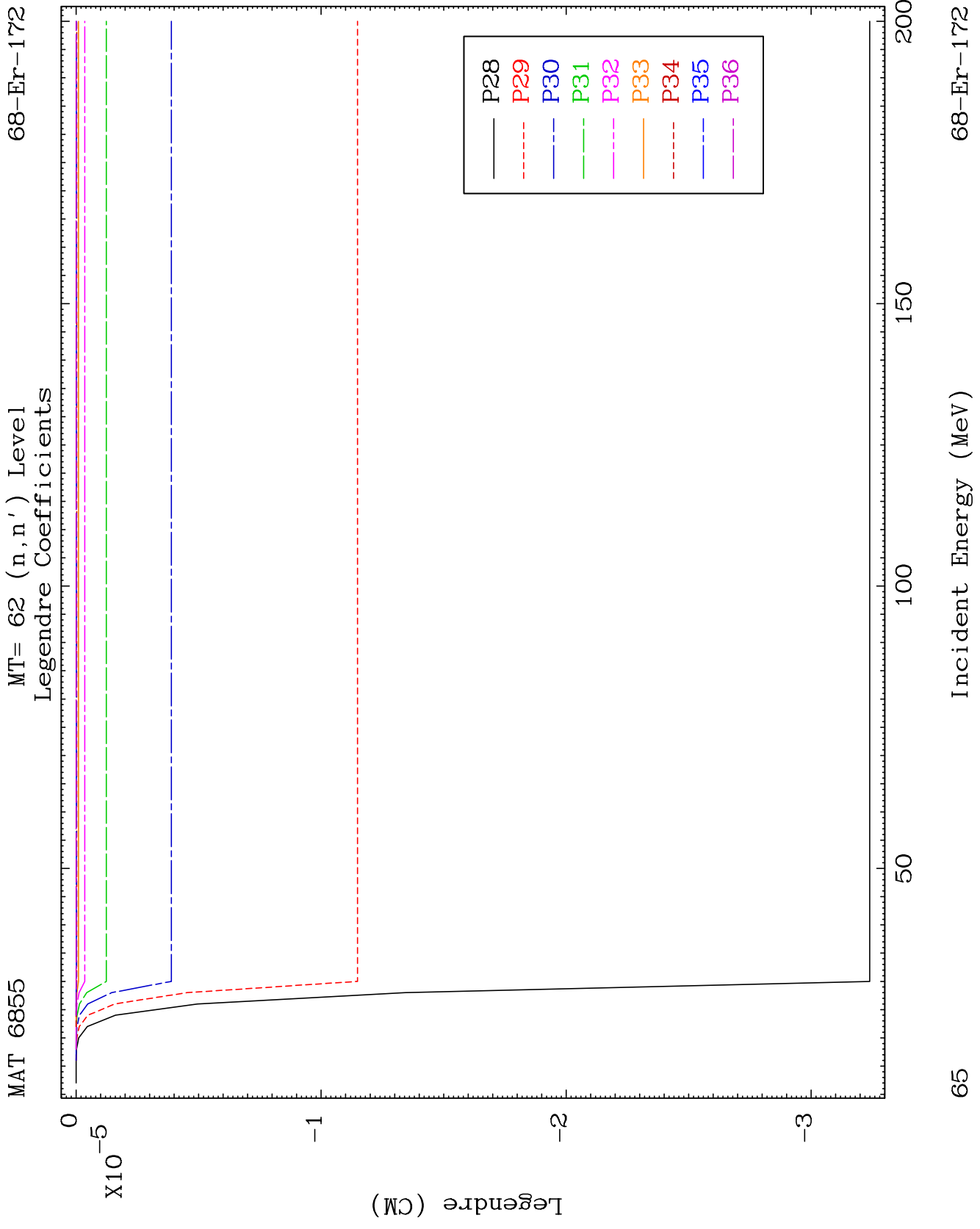
68-Er-172

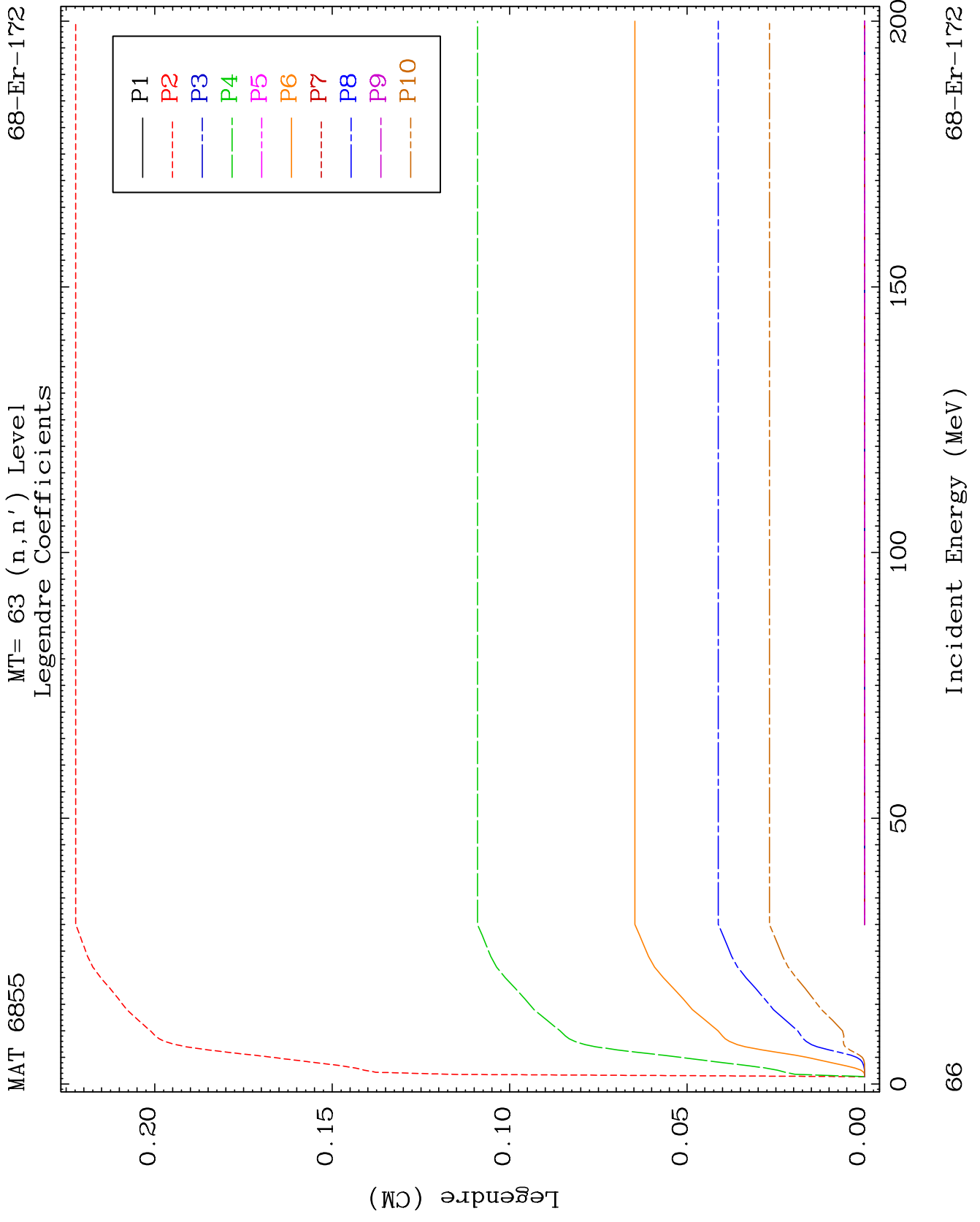


64

Incident Energy (MeV)

68-Er-172

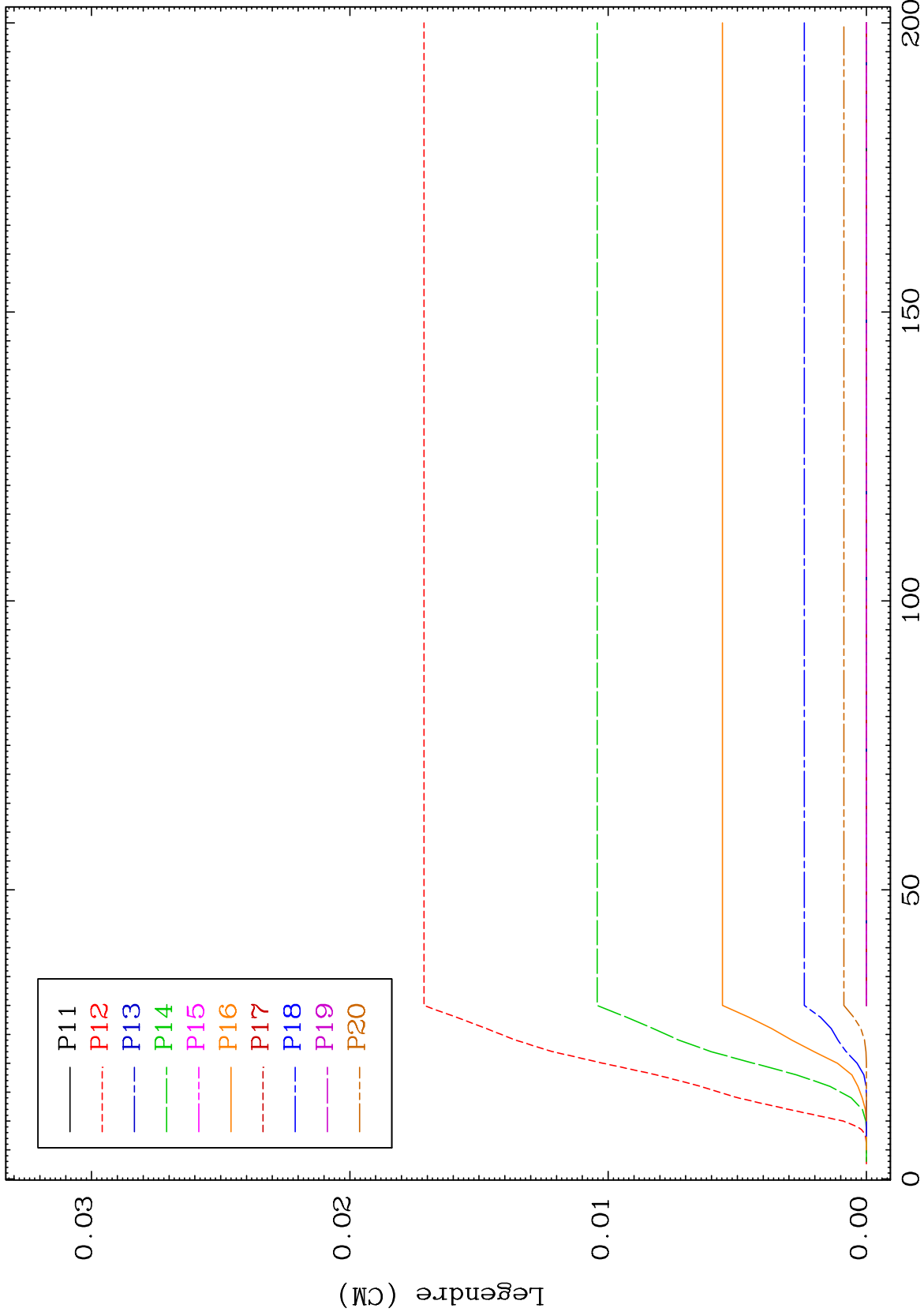




MAT 68555

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

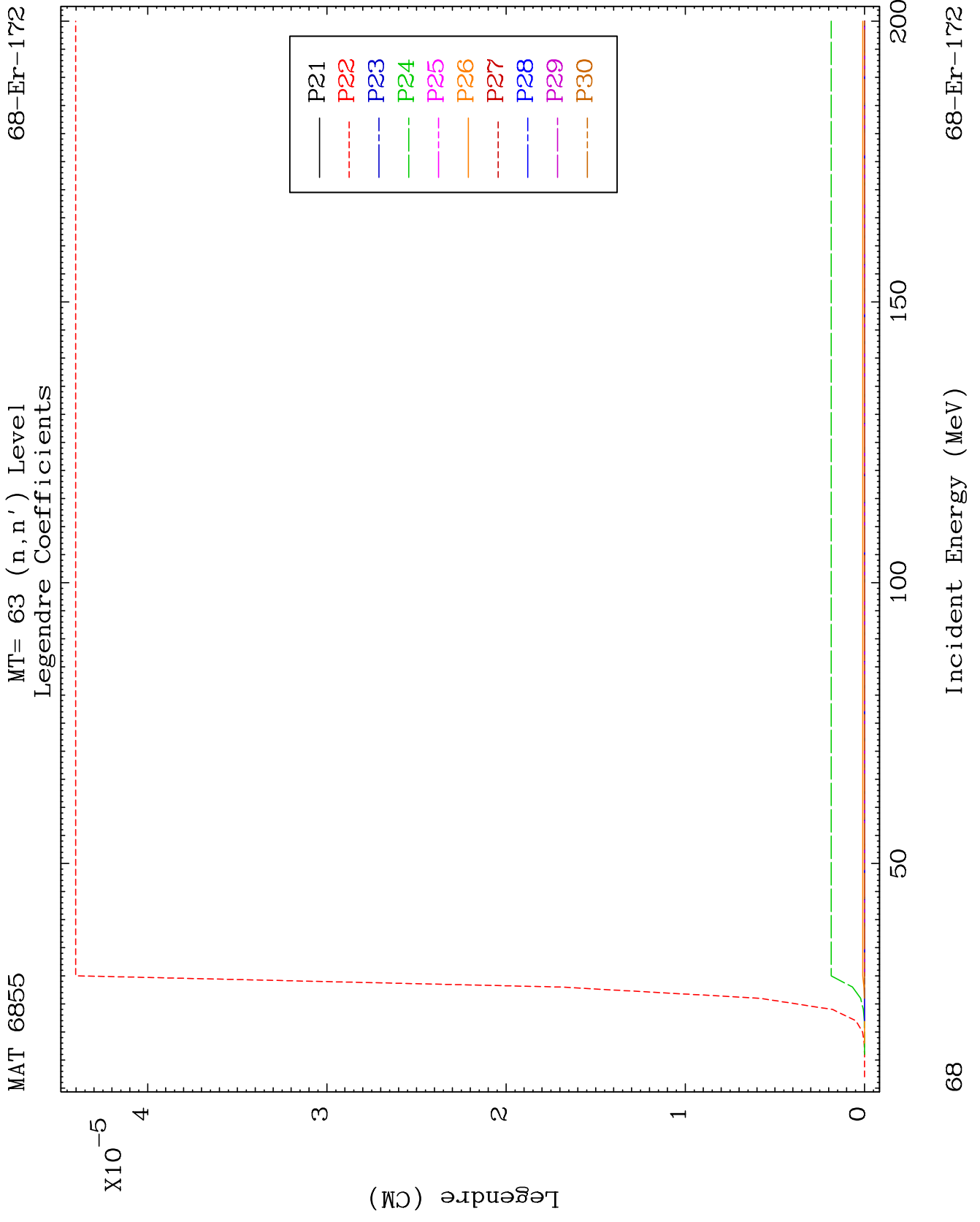
68-Er-172



67

Incident Energy (MeV)

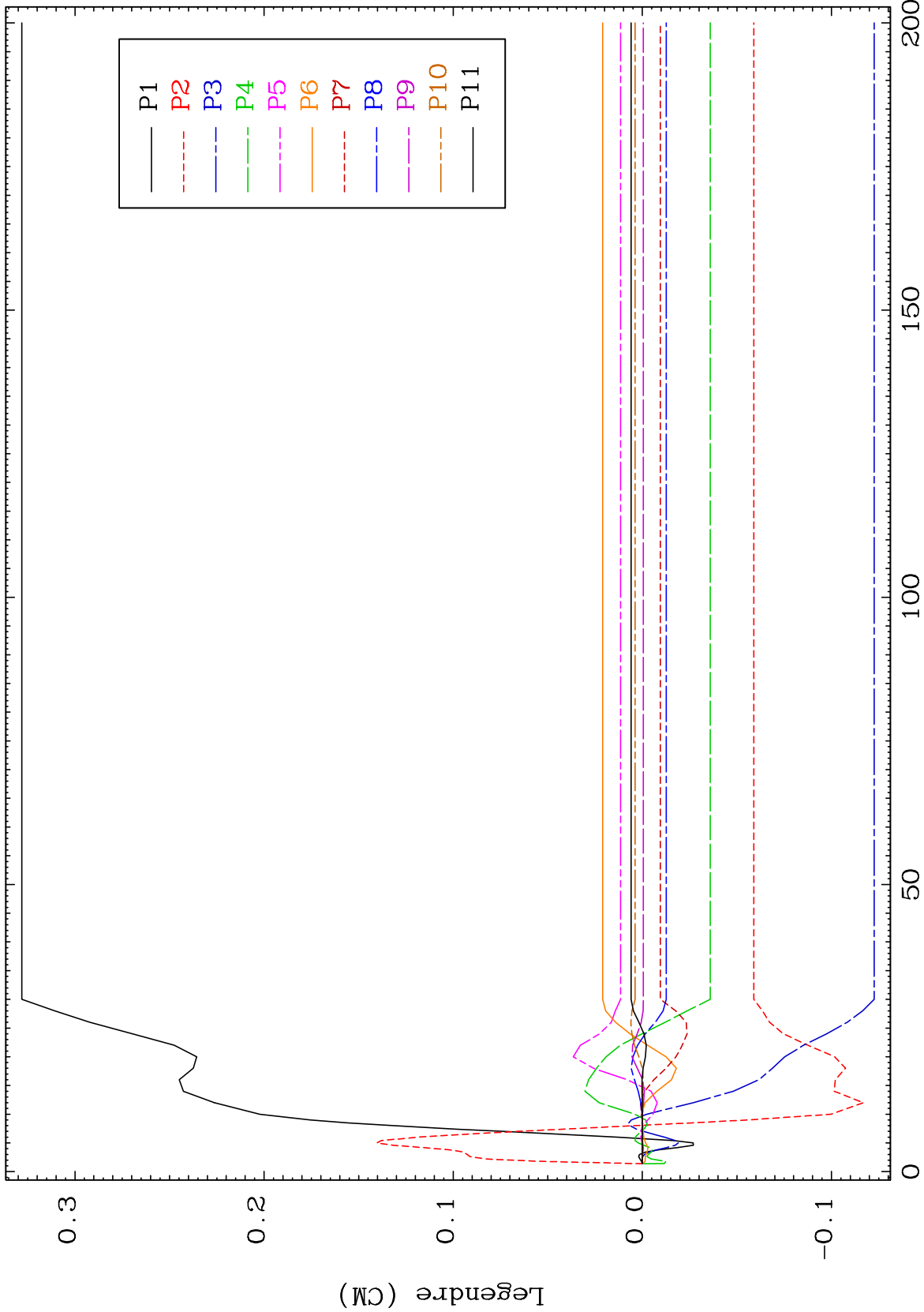
68-Er-172



MAT 6855

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

68-Er-172



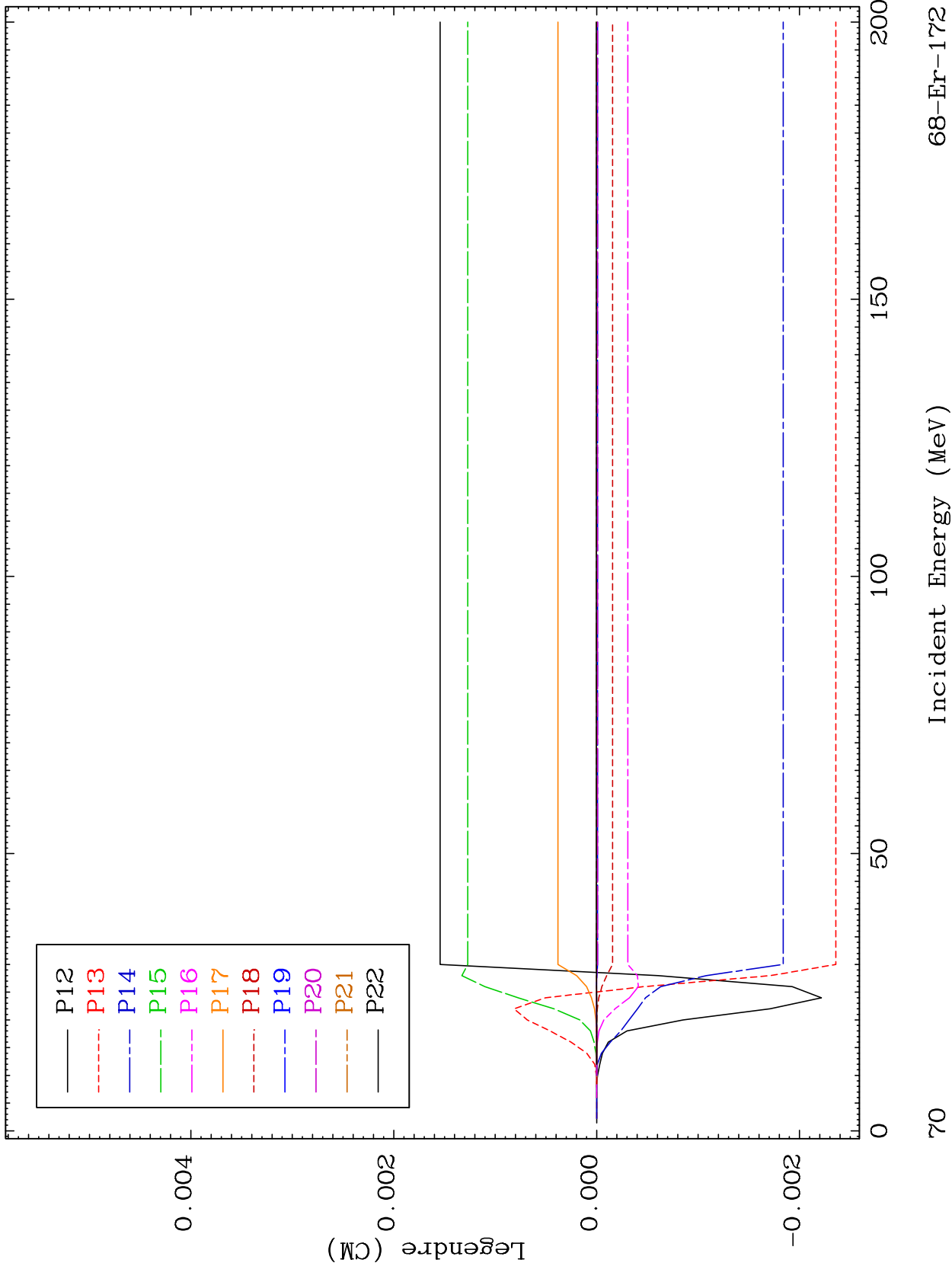
69

68-Er-172

MAT 6855

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

68-Er-172



68-Er-172

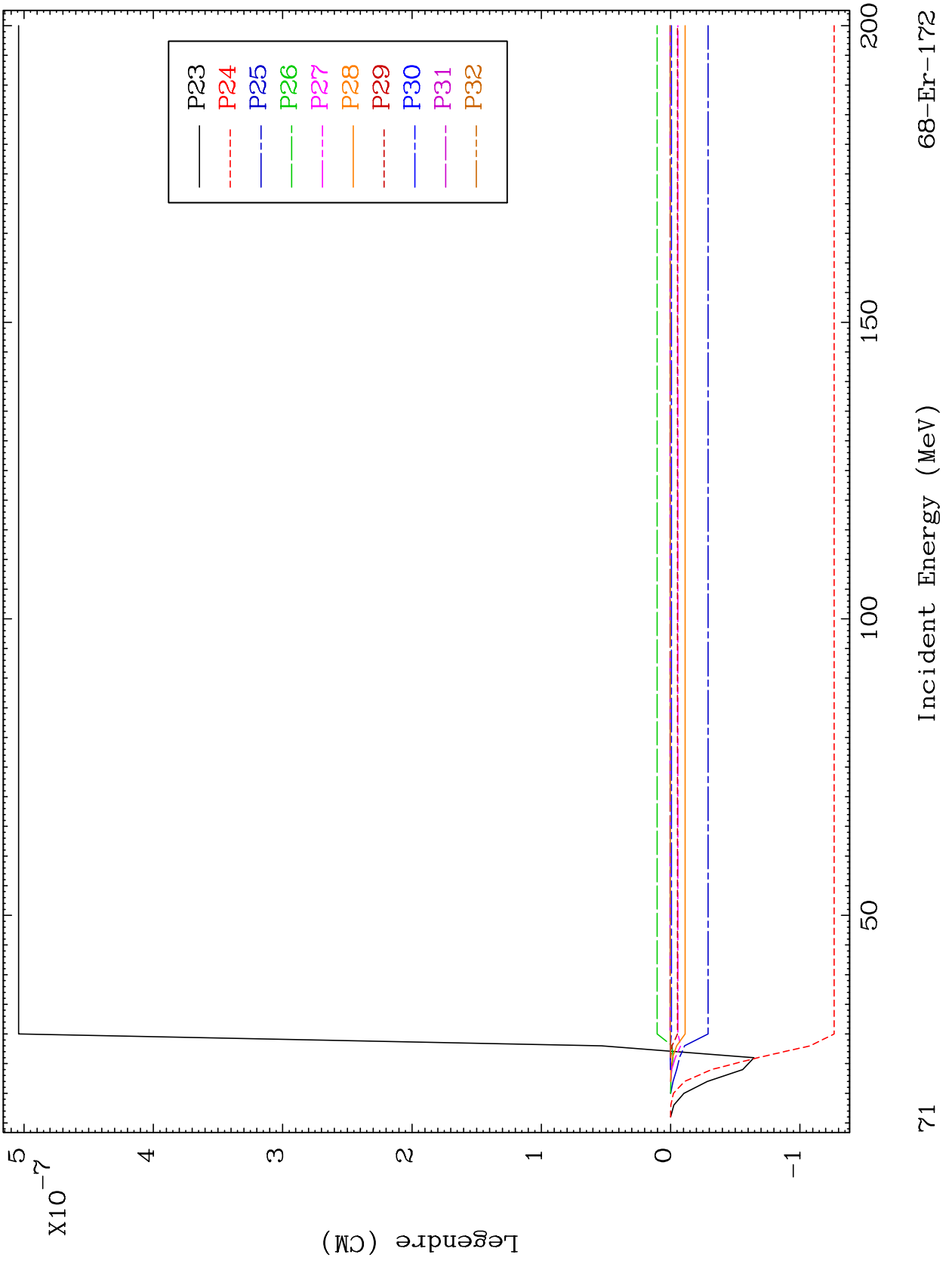
Incident Energy (MeV)

70

MAT 6855

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

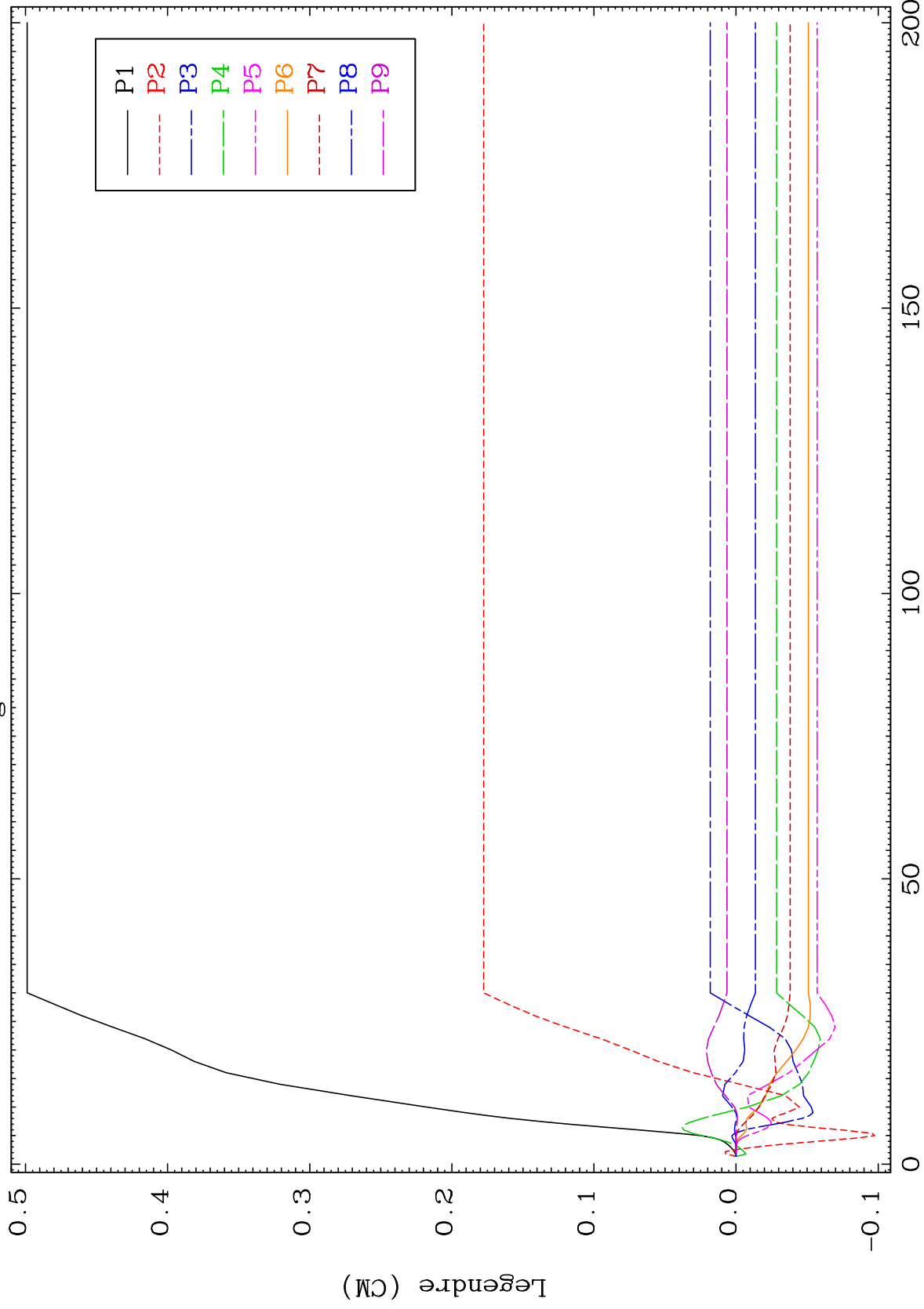
68-Er-172



MAT 6855

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

68-Er-172



72

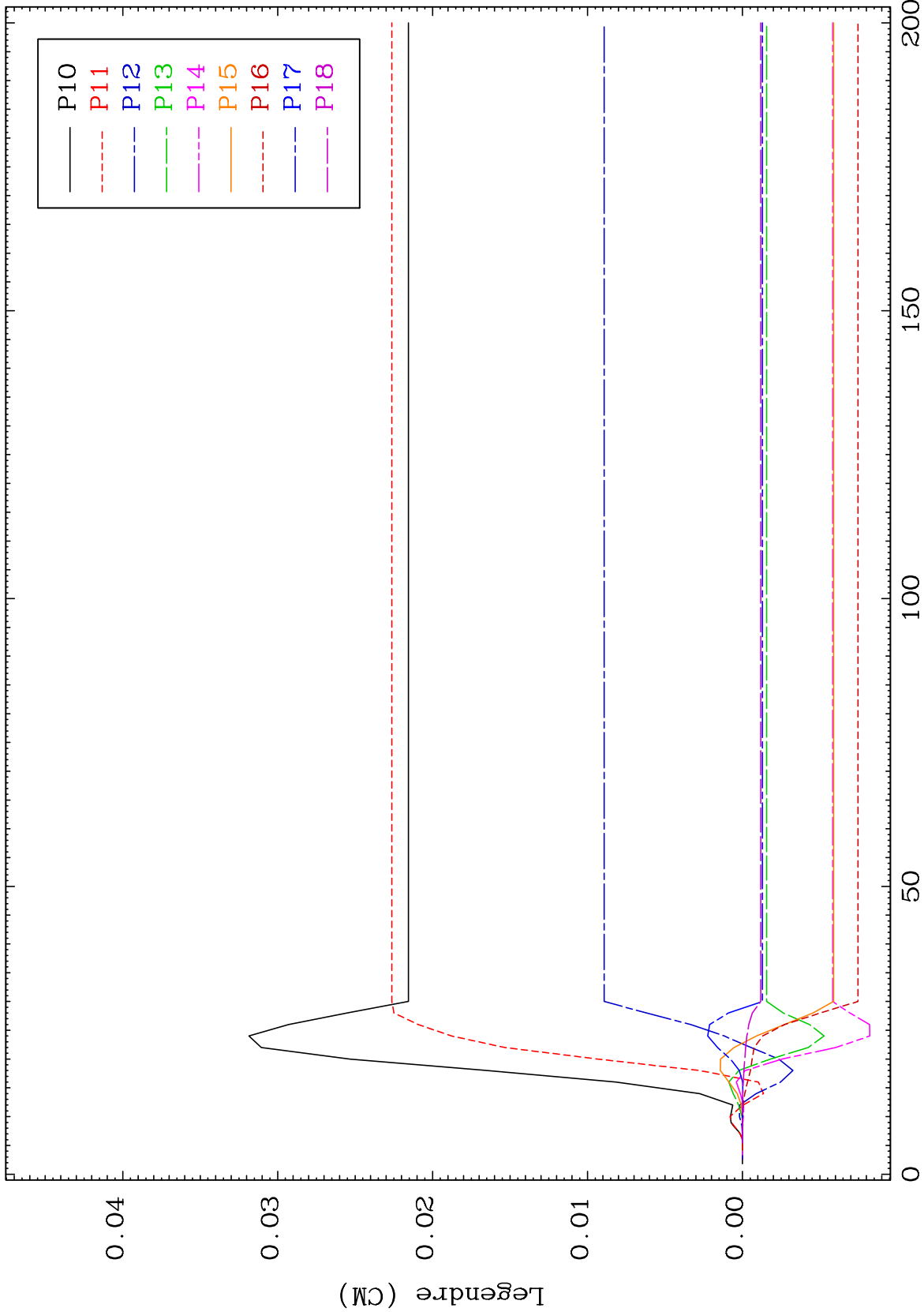
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



73

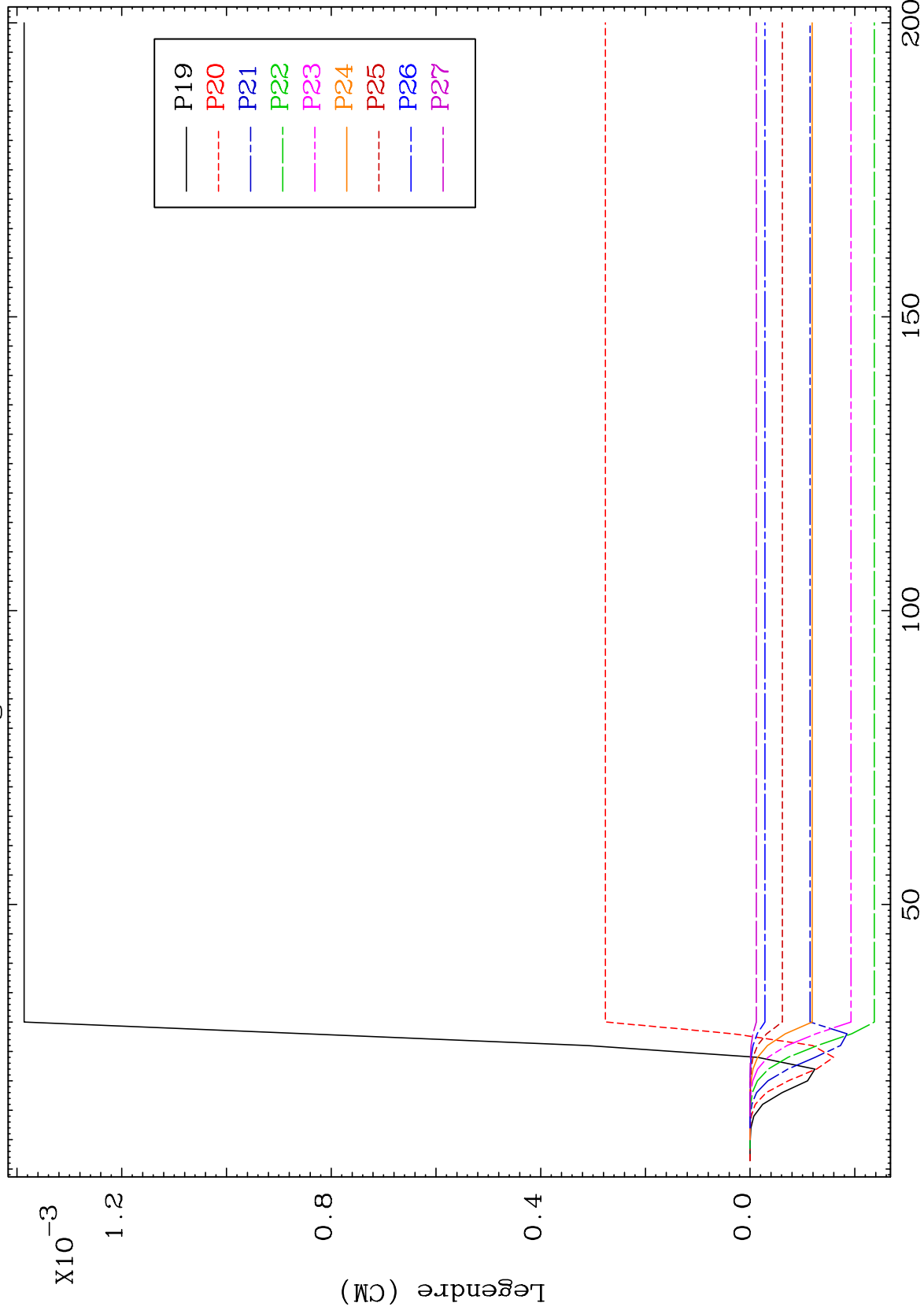
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



74

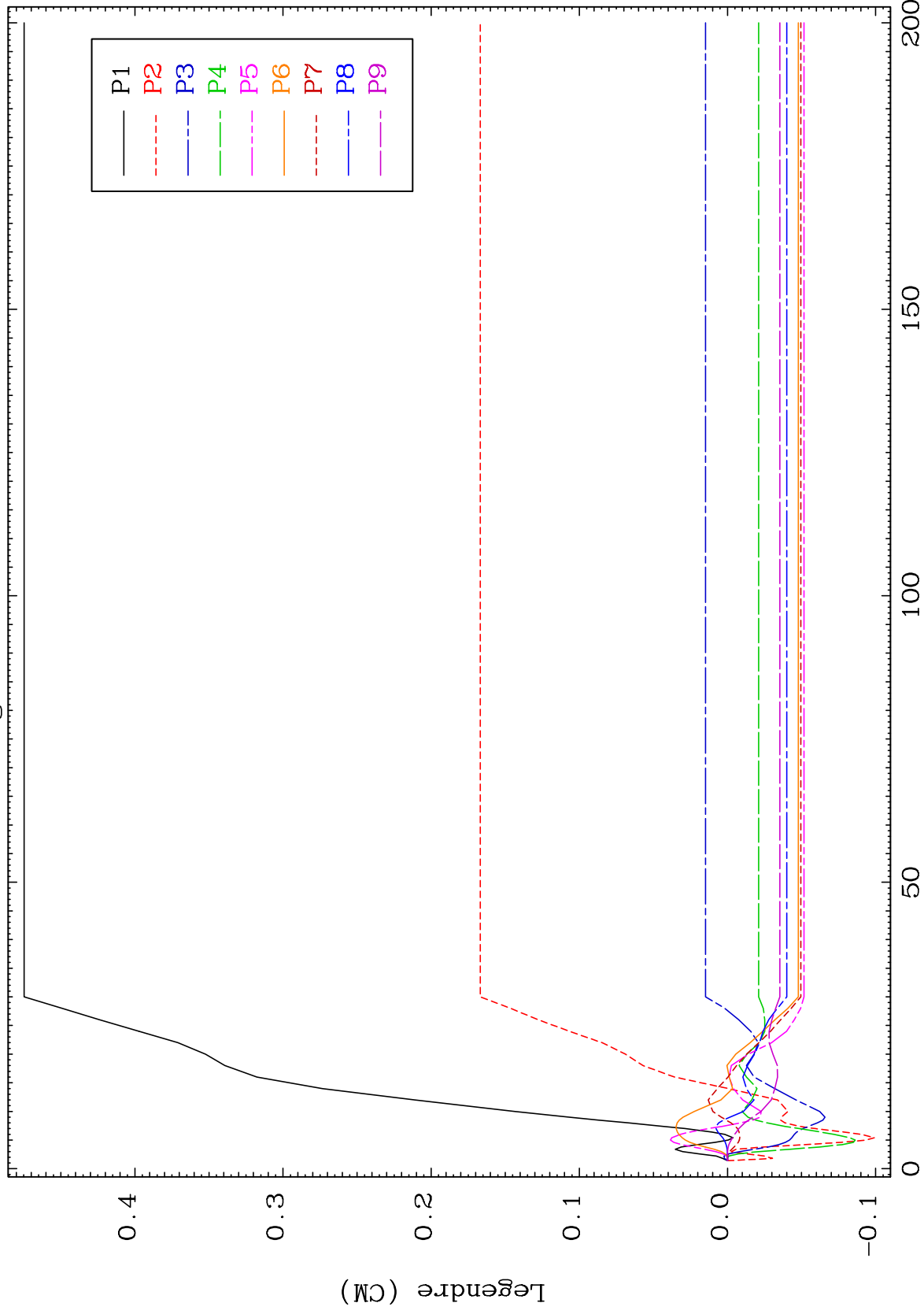
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



76

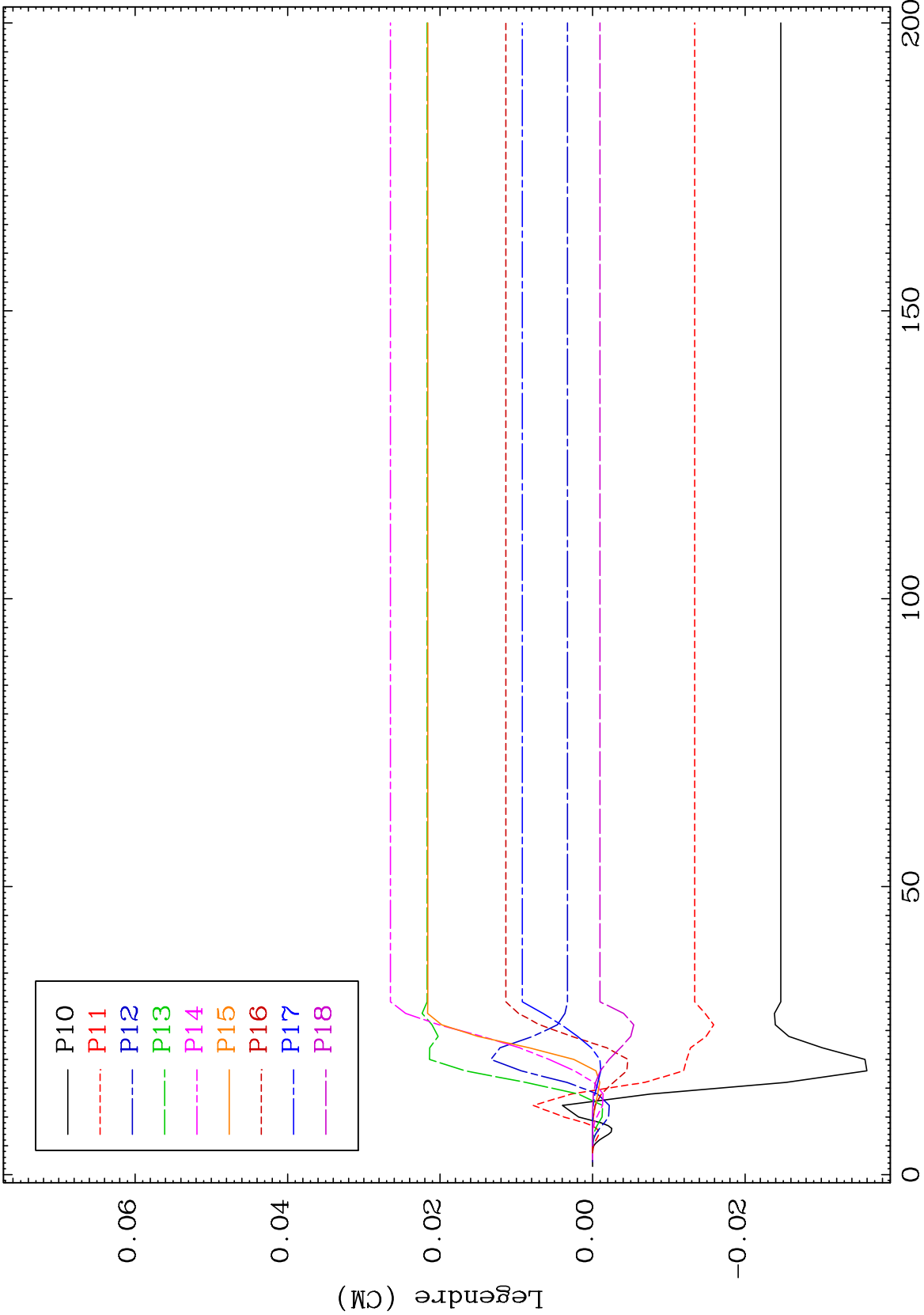
Incident Energy (MeV)

68-Er-172

MAT 68555

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

68-Er-172



77

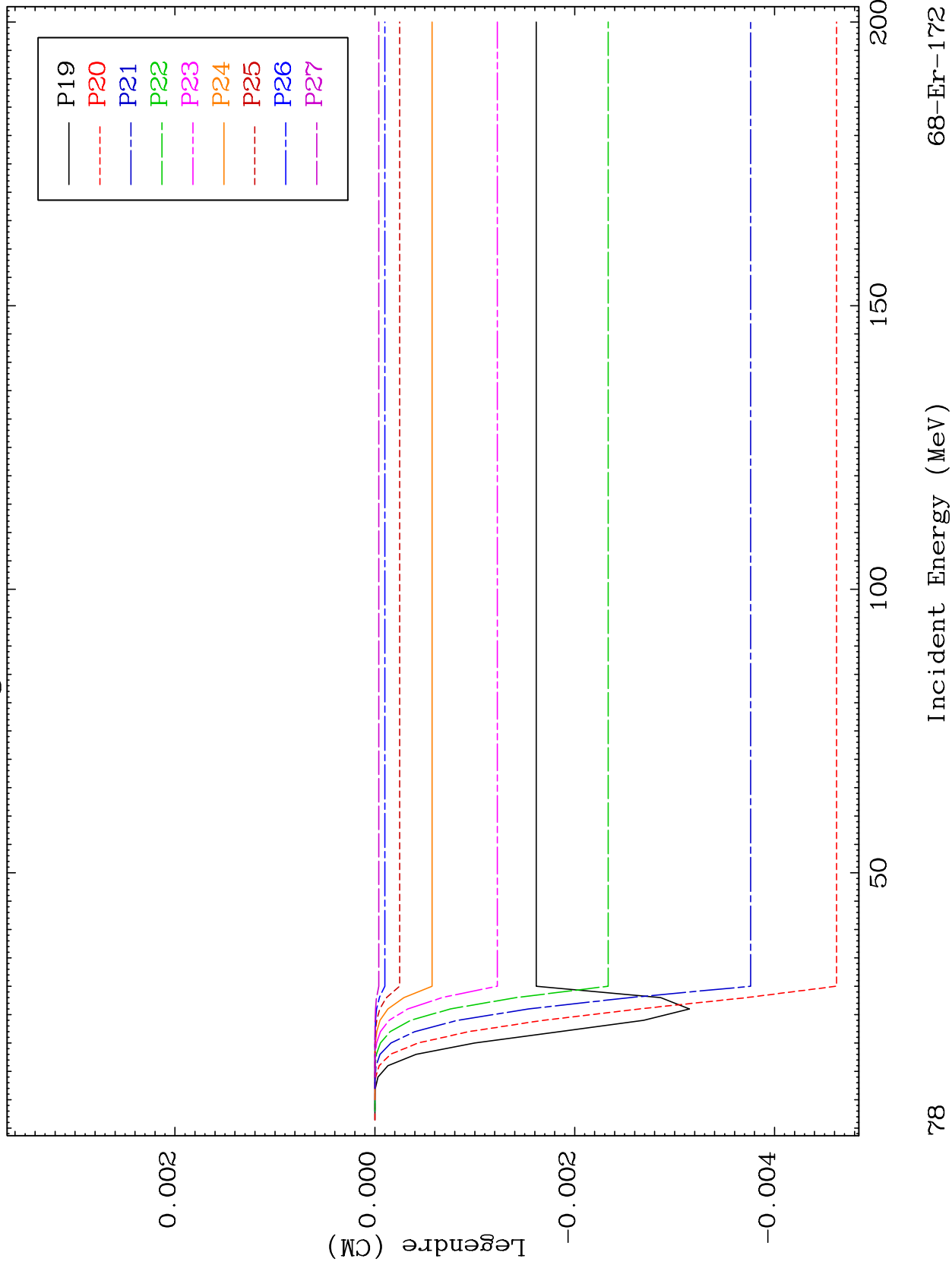
Incident Energy (MeV)

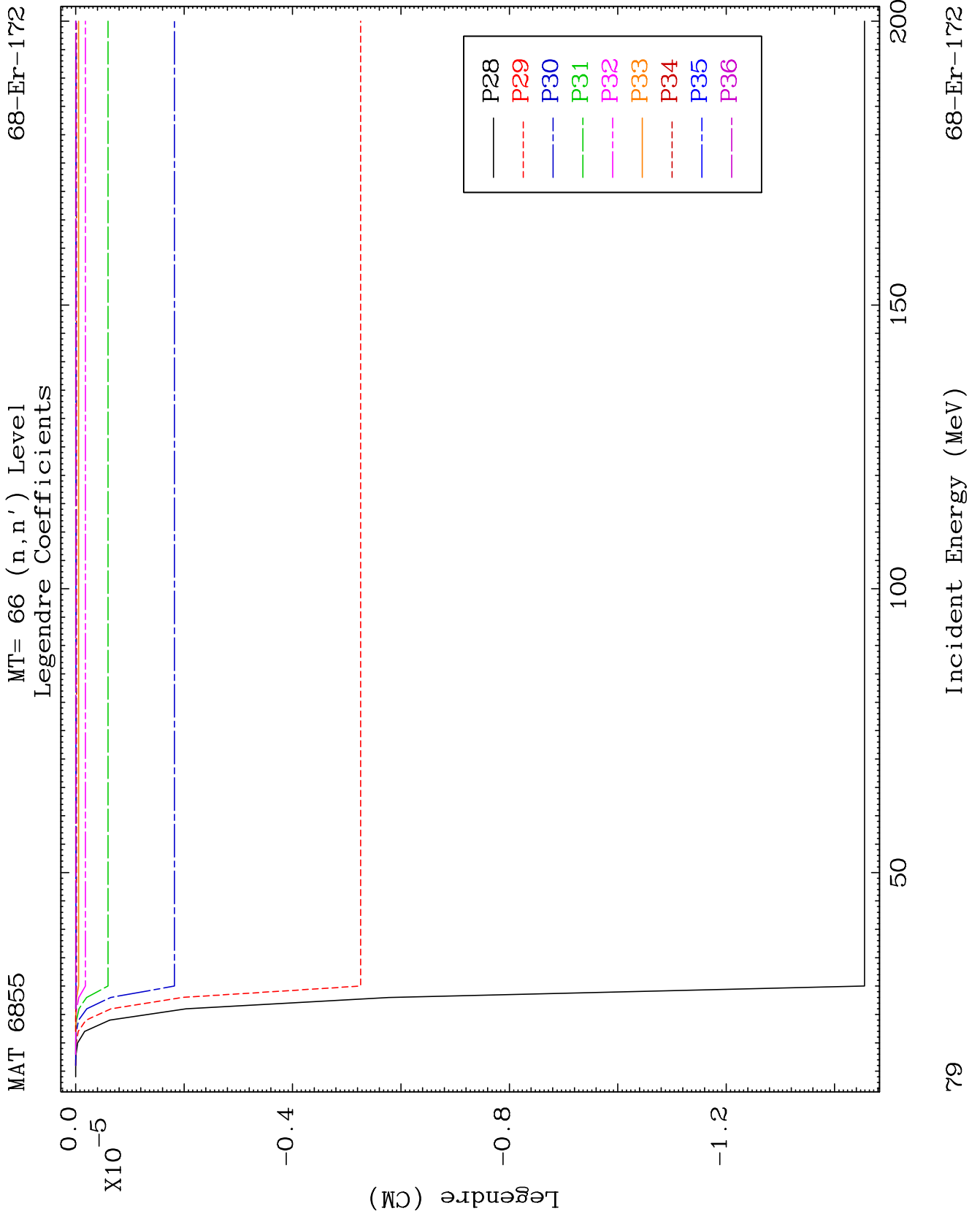
68-Er-172

MAT 6855

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

68-Er-172

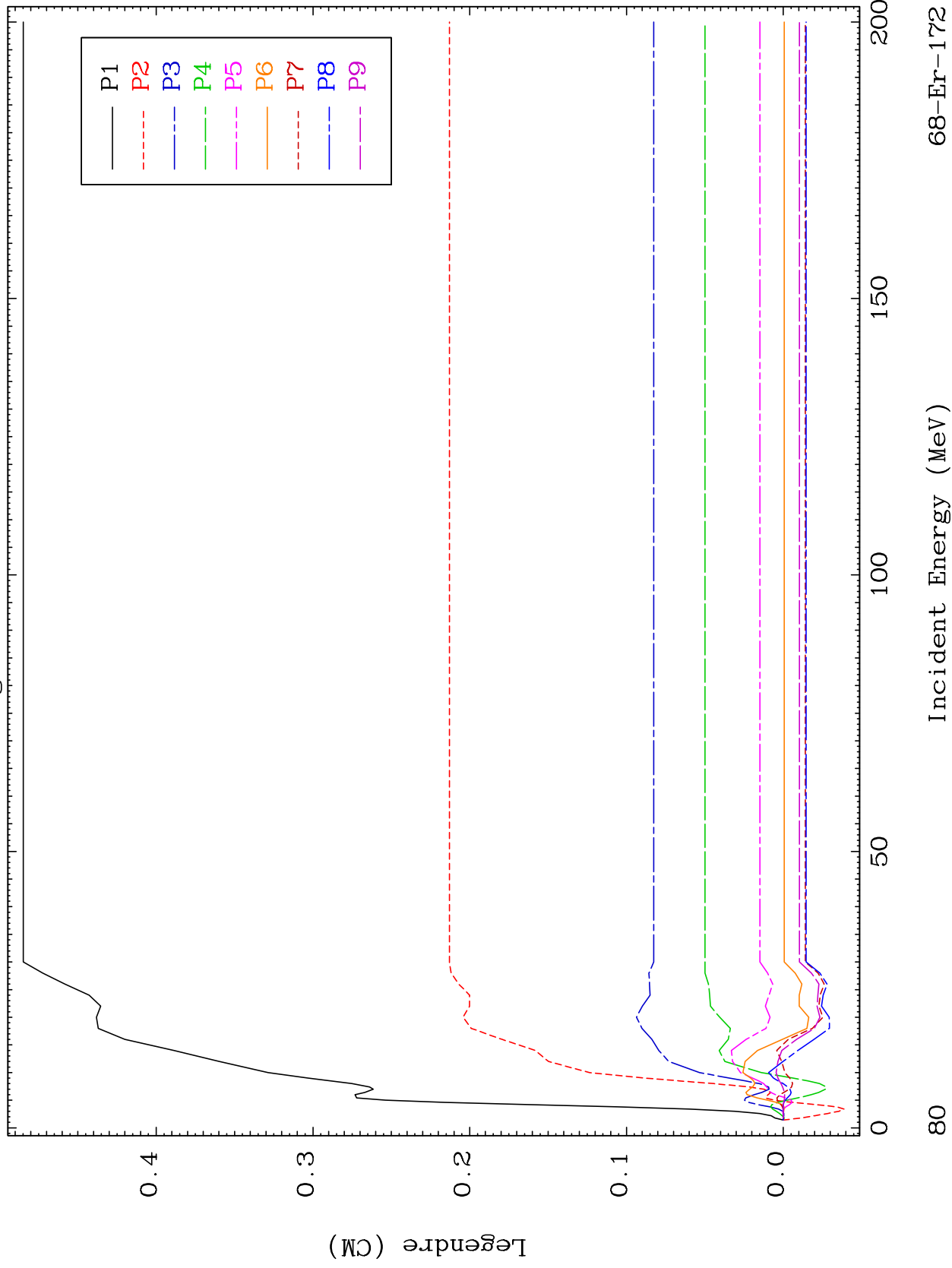




MAT 6855

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

68-Er-172



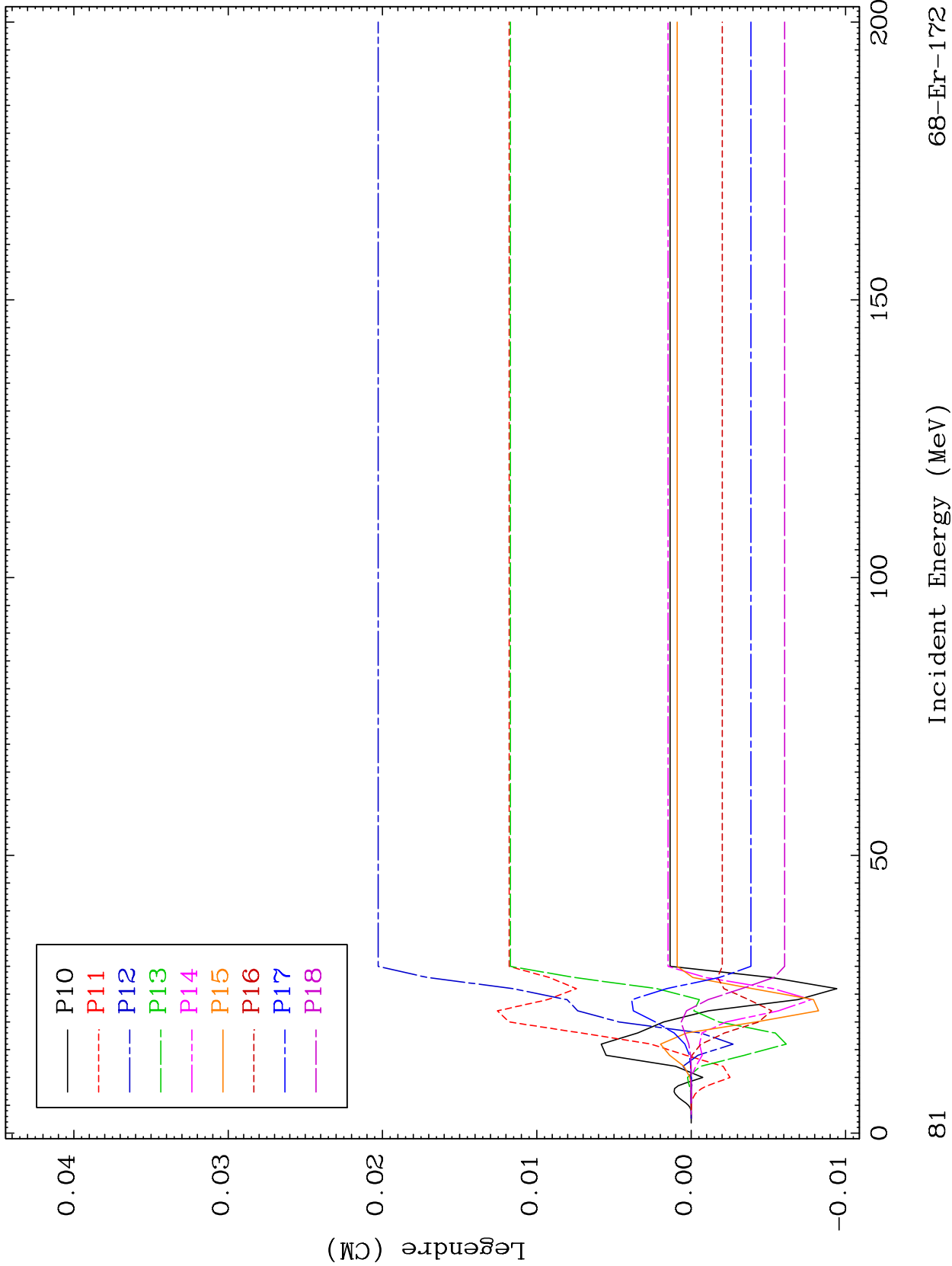
68-Er-172

Incident Energy (MeV)

MAT 6855

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

68-Er-172



81

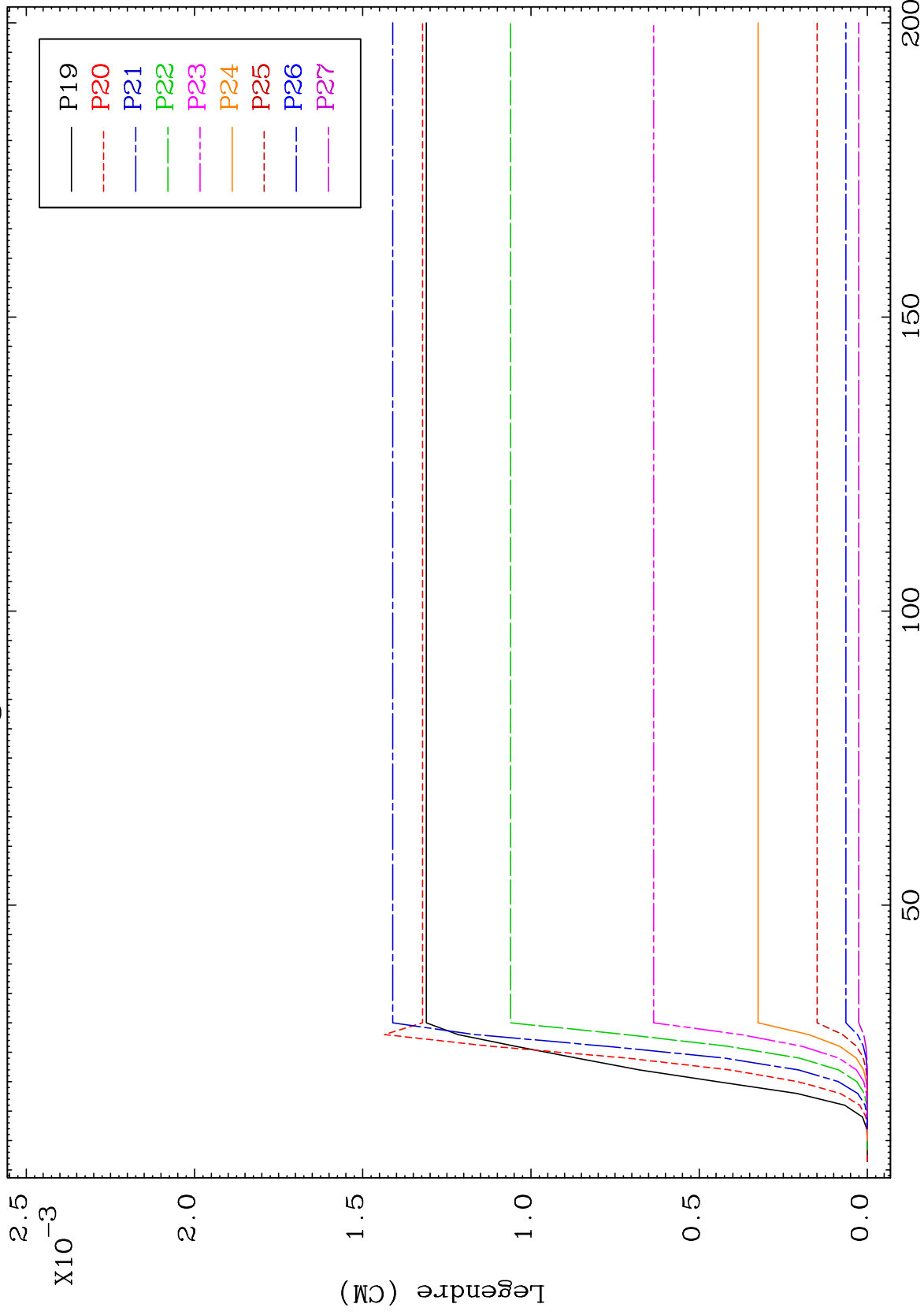
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



82

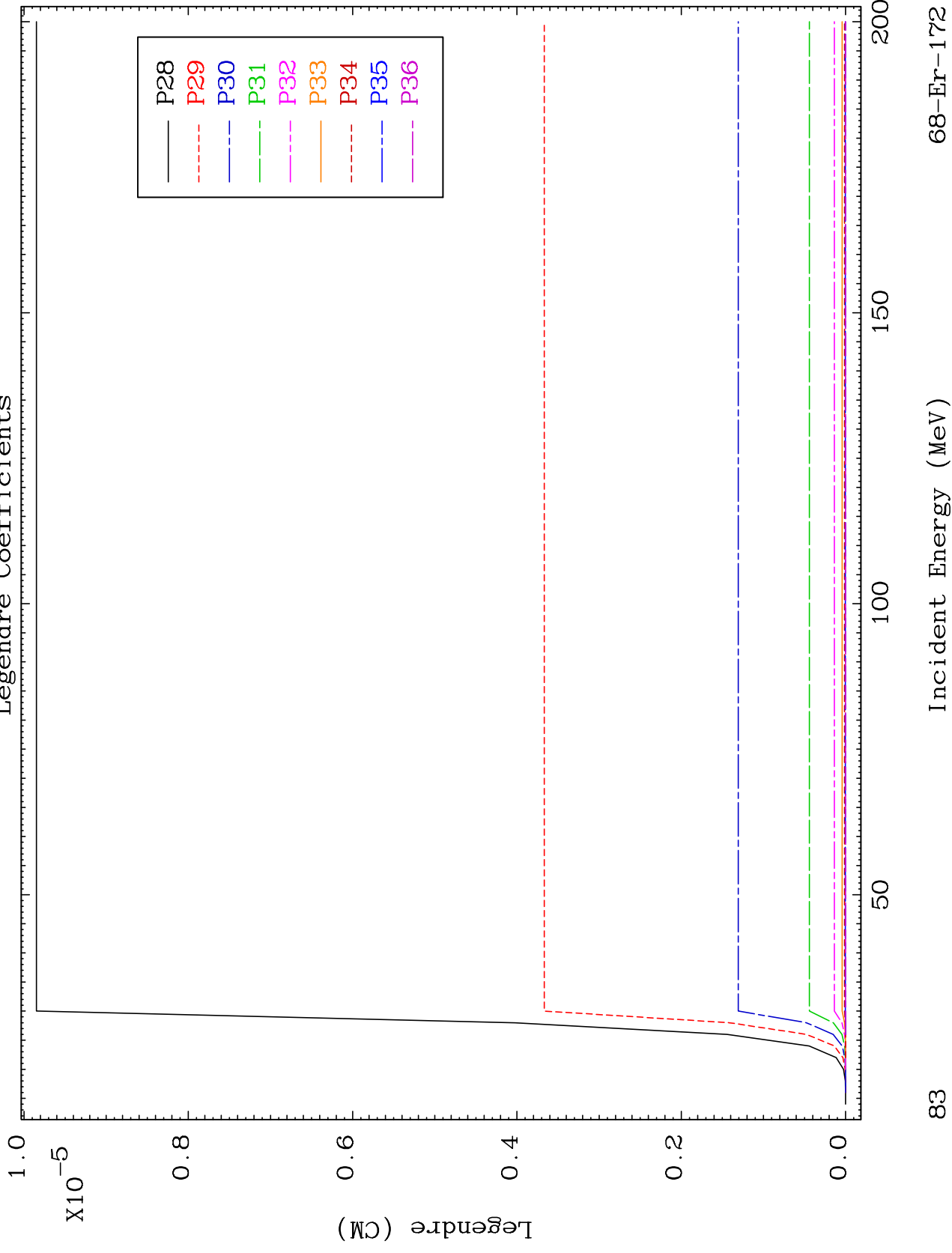
Incident Energy (MeV)

68-Er-172

MAT 6855

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

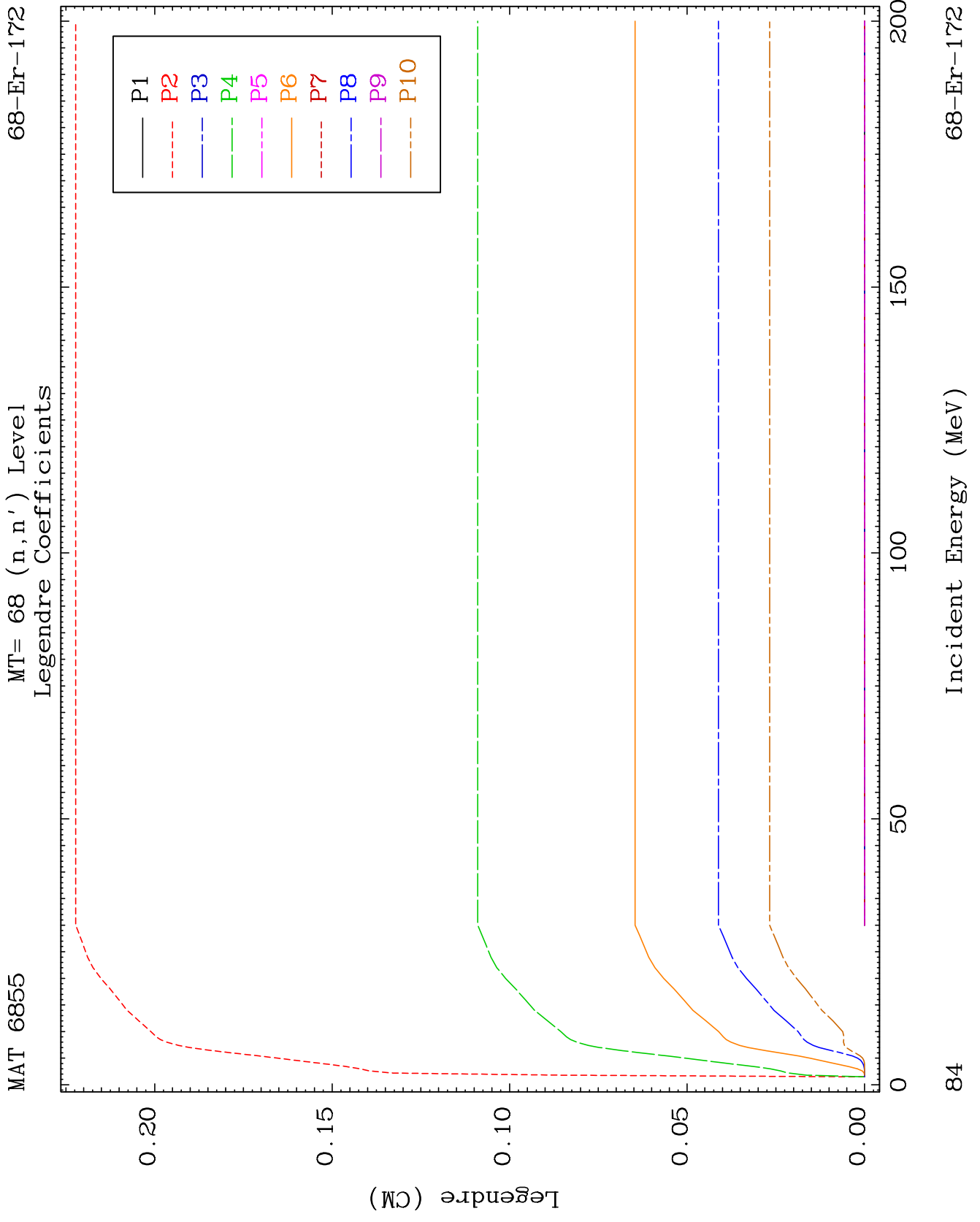
68-Er-172



83

Incident Energy (MeV)

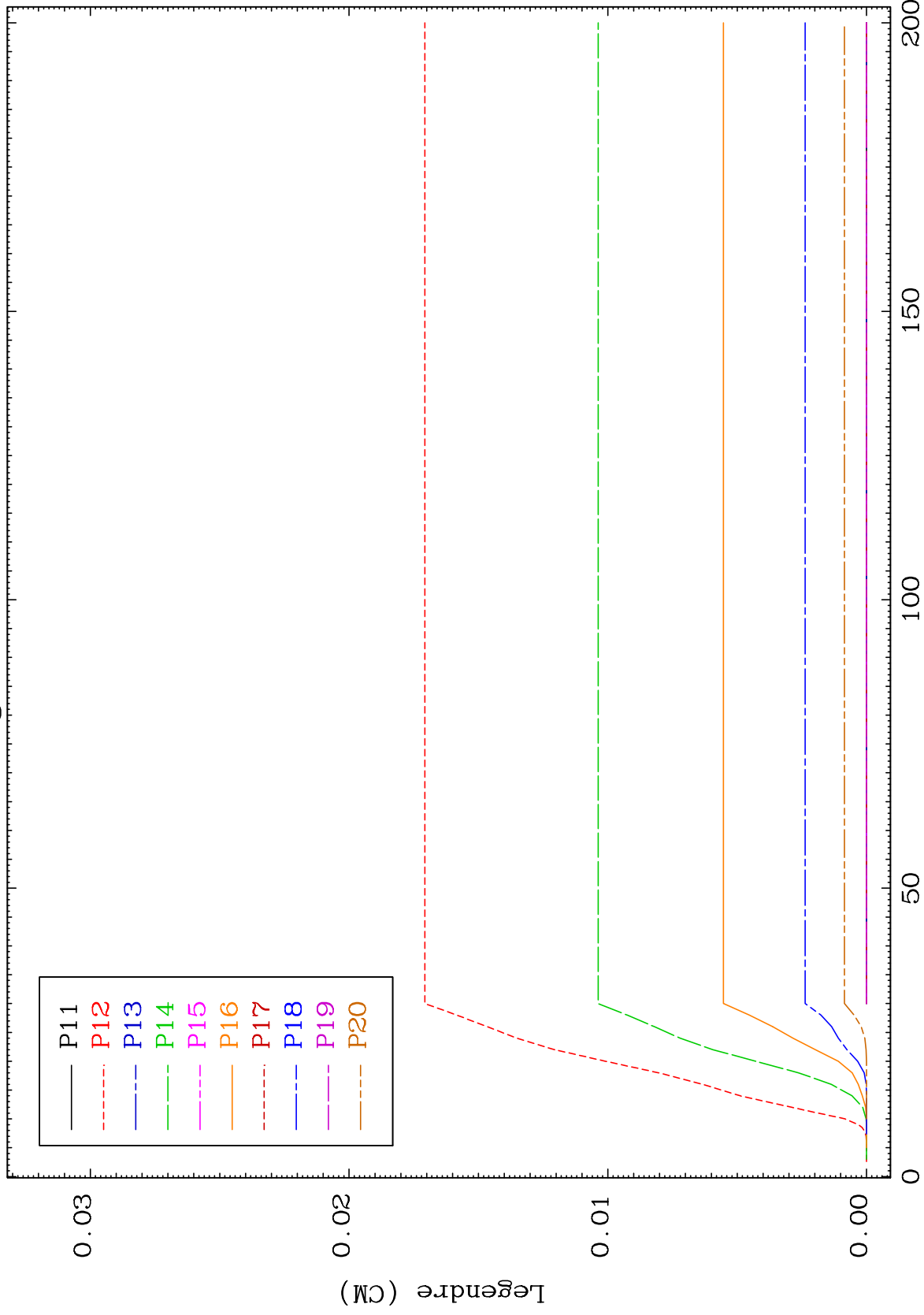
68-Er-172



MAT 68555

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

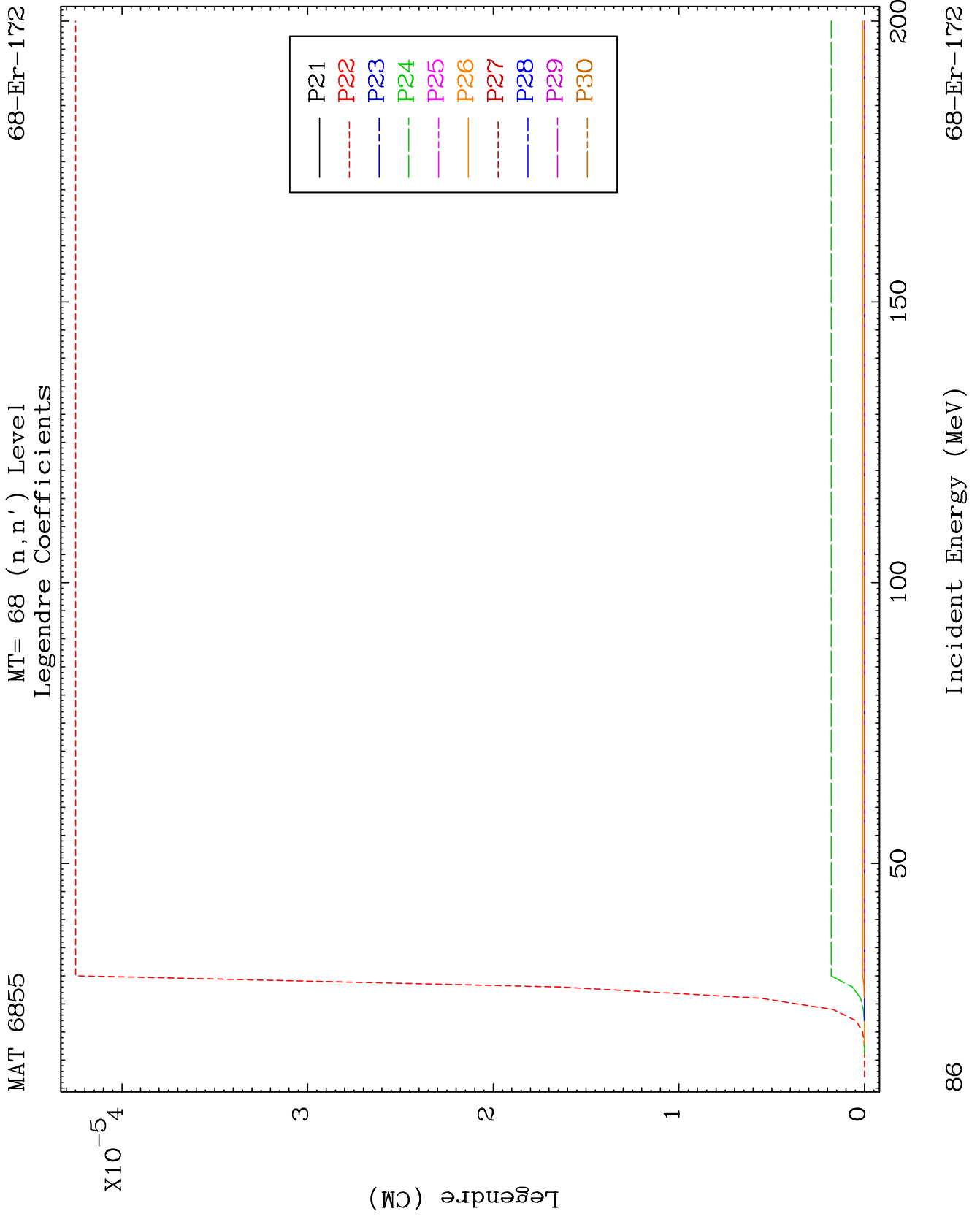
68-Er-172



85

Incident Energy (MeV)

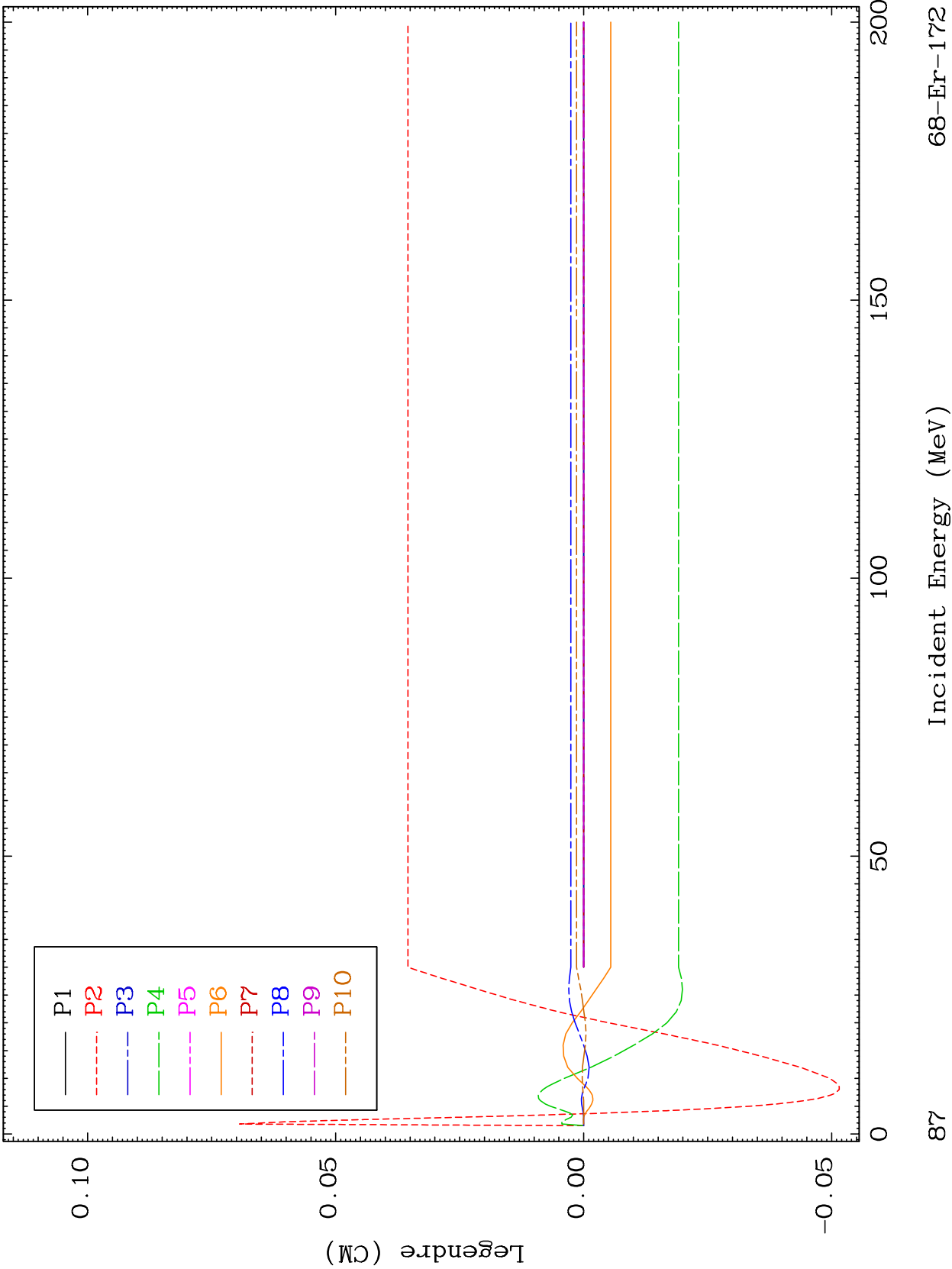
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

Incident Energy (MeV)

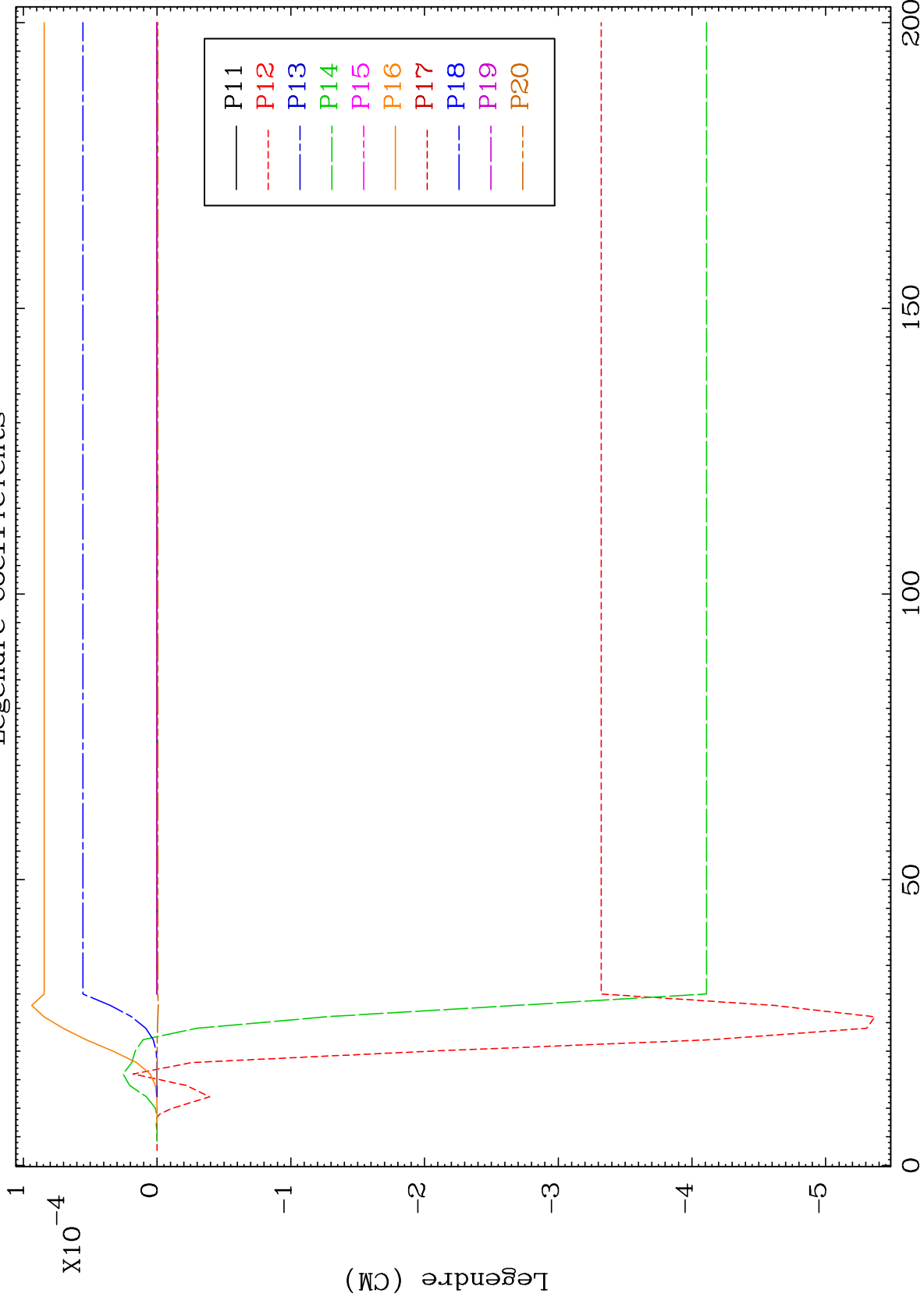
87

MAT 6855

MT= 69 (n,n') Level

68-Er-172

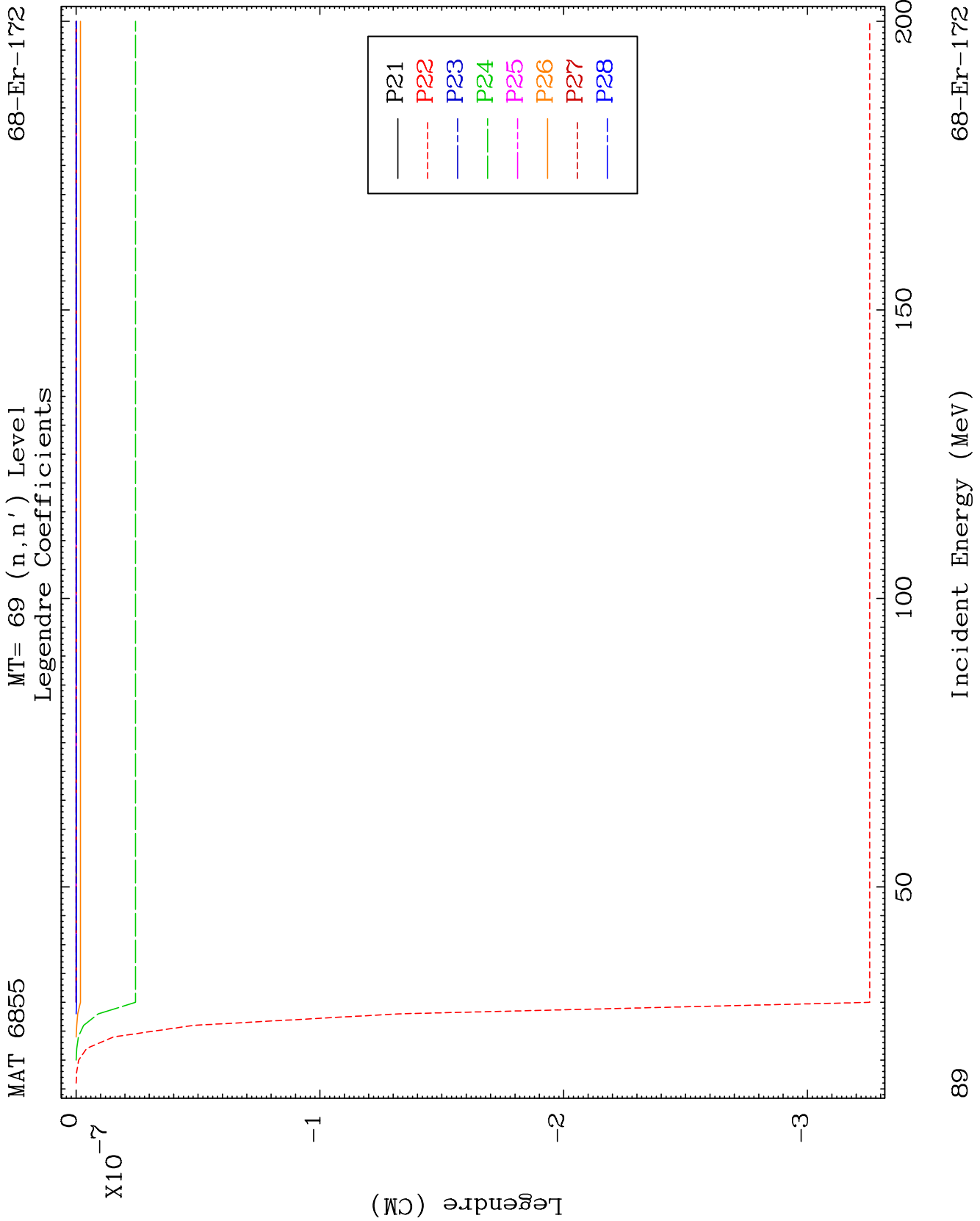
Legendre Coefficients



88

Incident Energy (MeV)

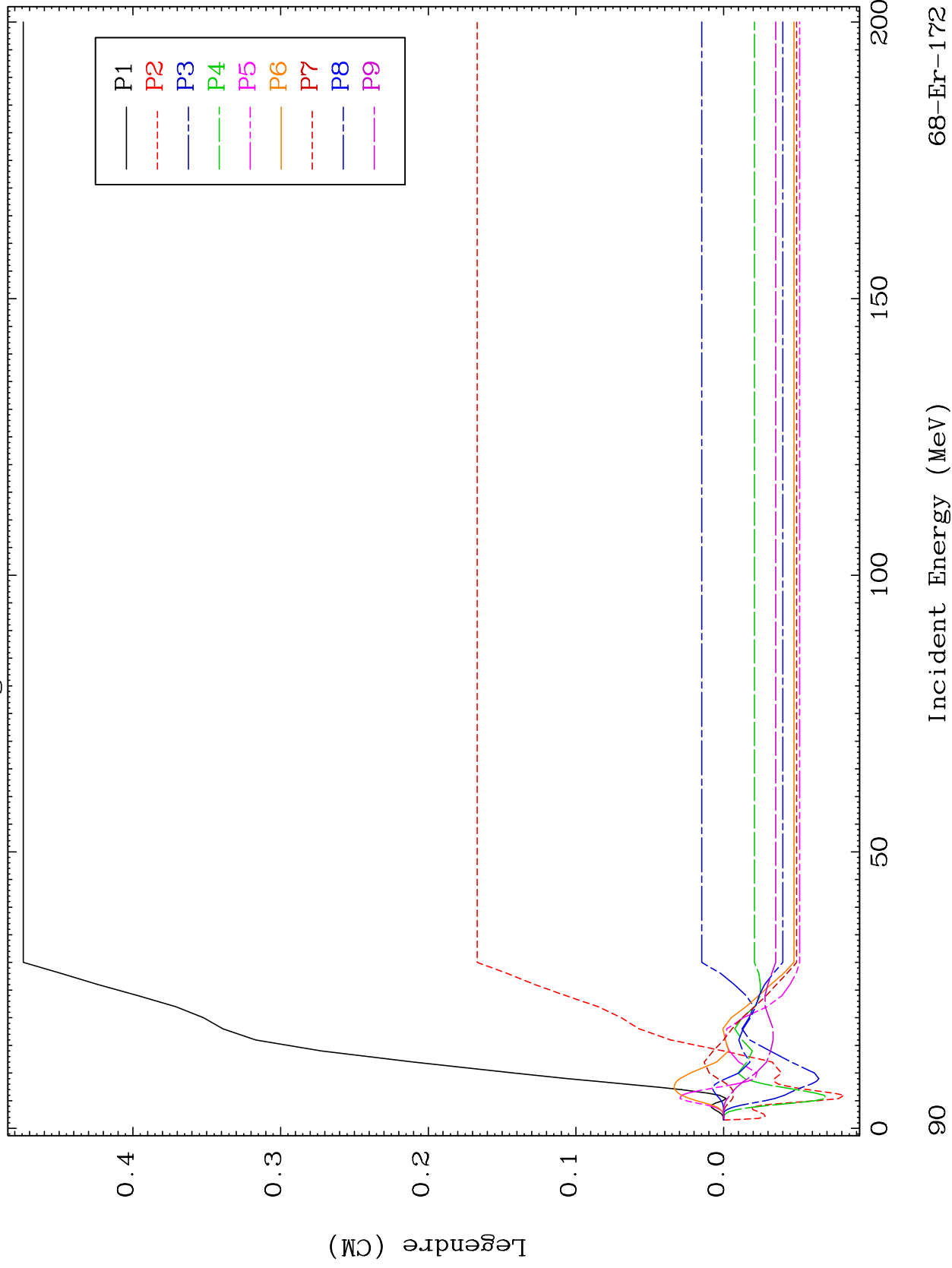
68-Er-172



MAT 6855

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

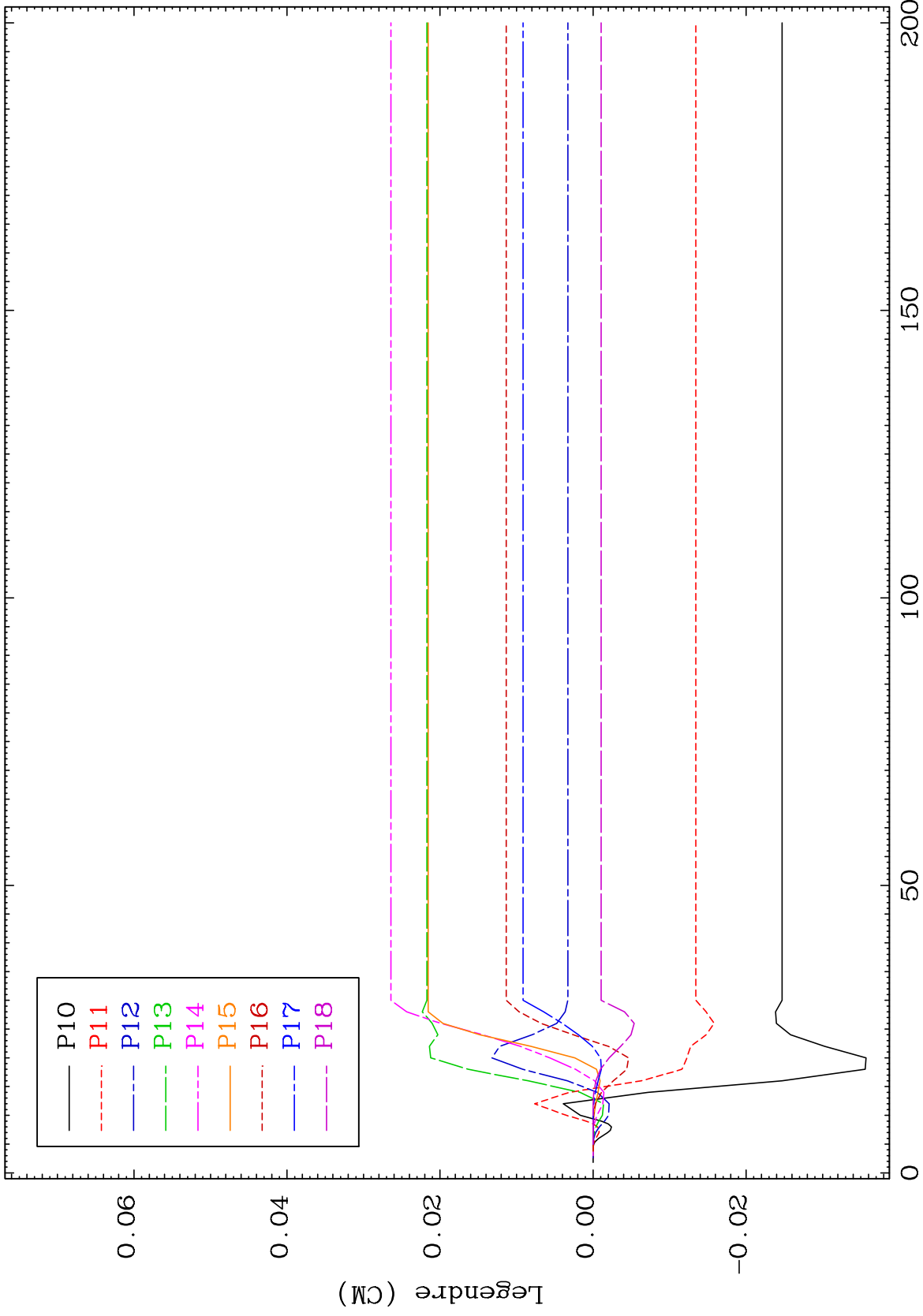
68-Er-172



68-Er-172

Incident Energy (MeV)

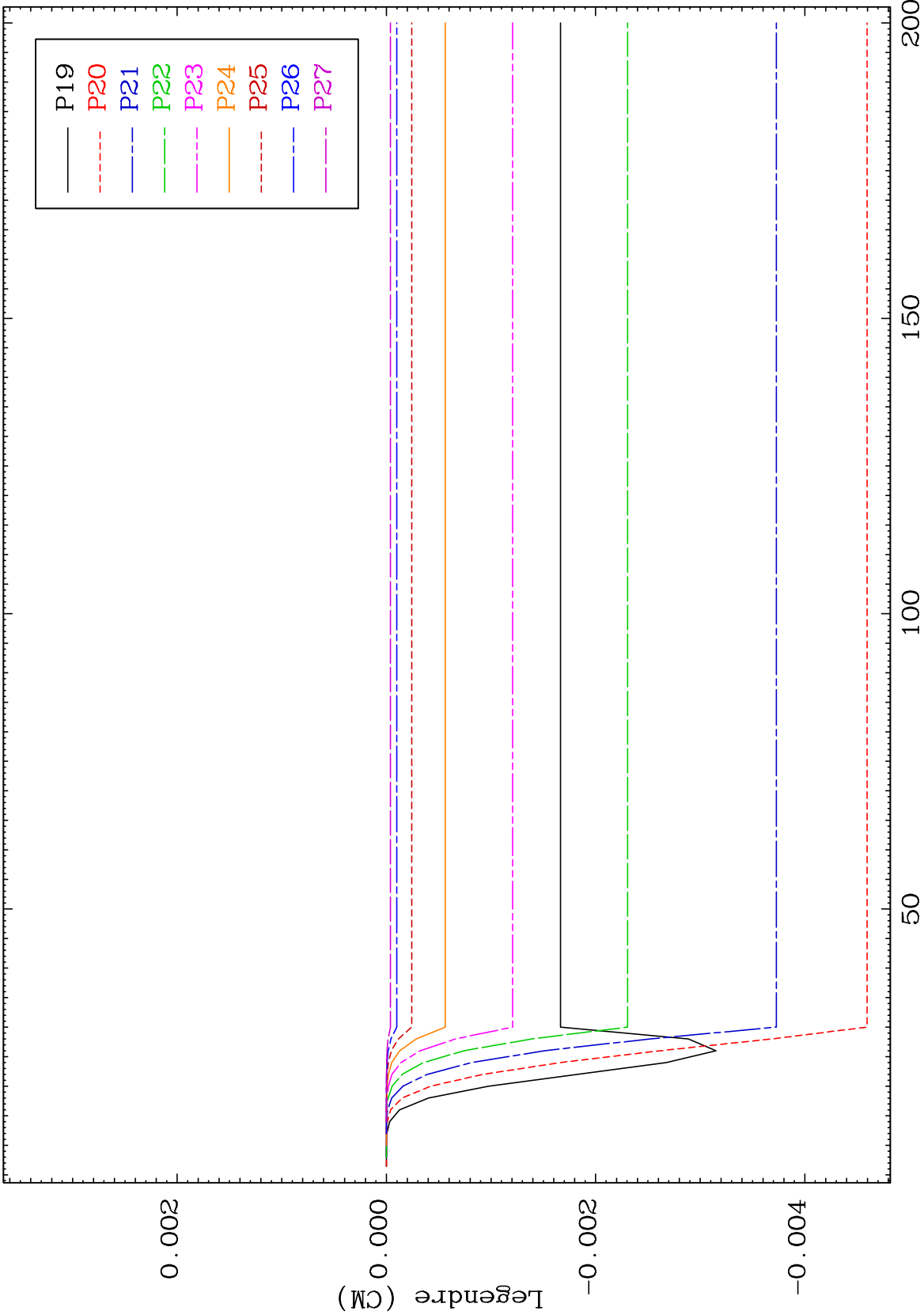
90



MAT 6855

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

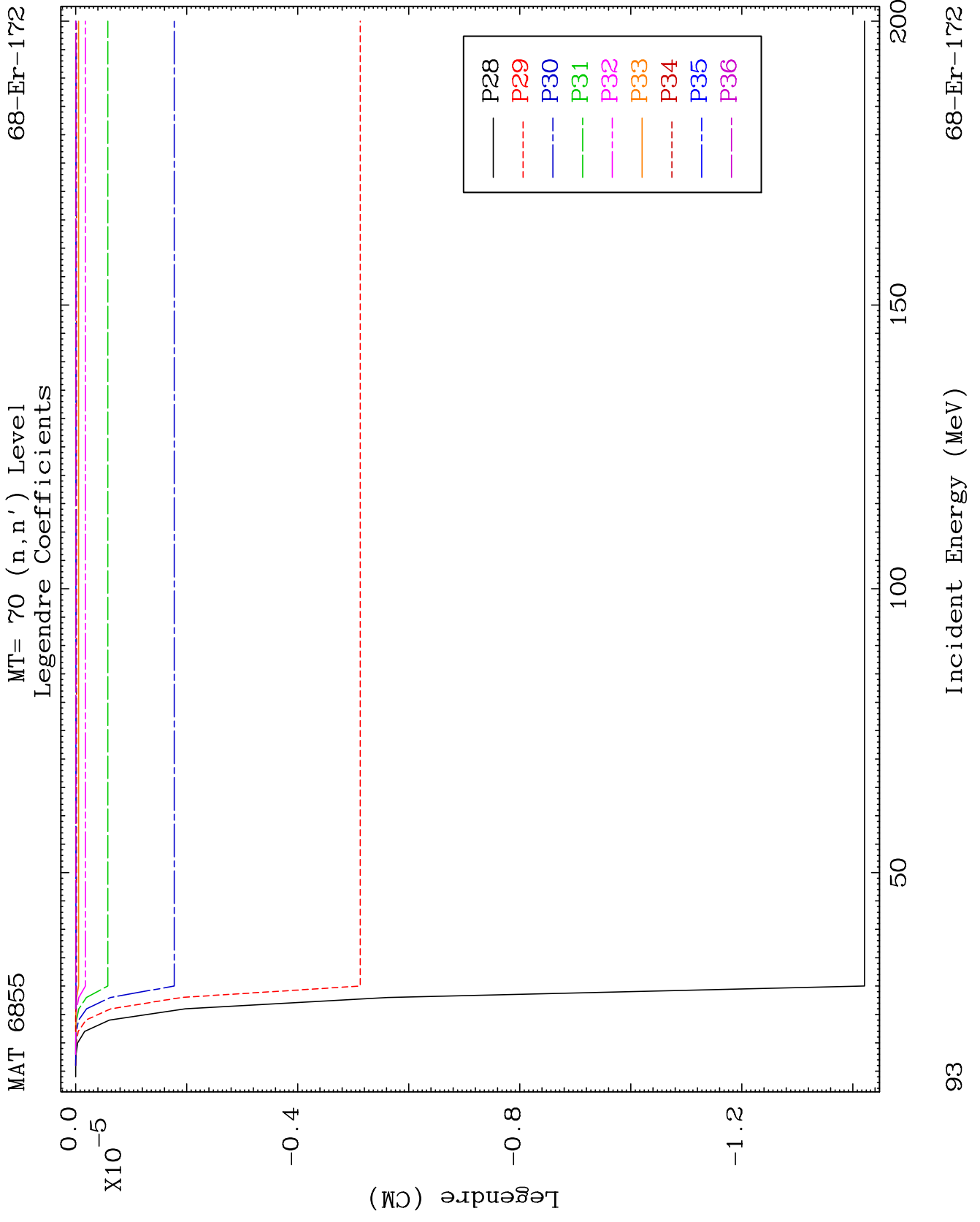
68-Er-172



92

Incident Energy (MeV)

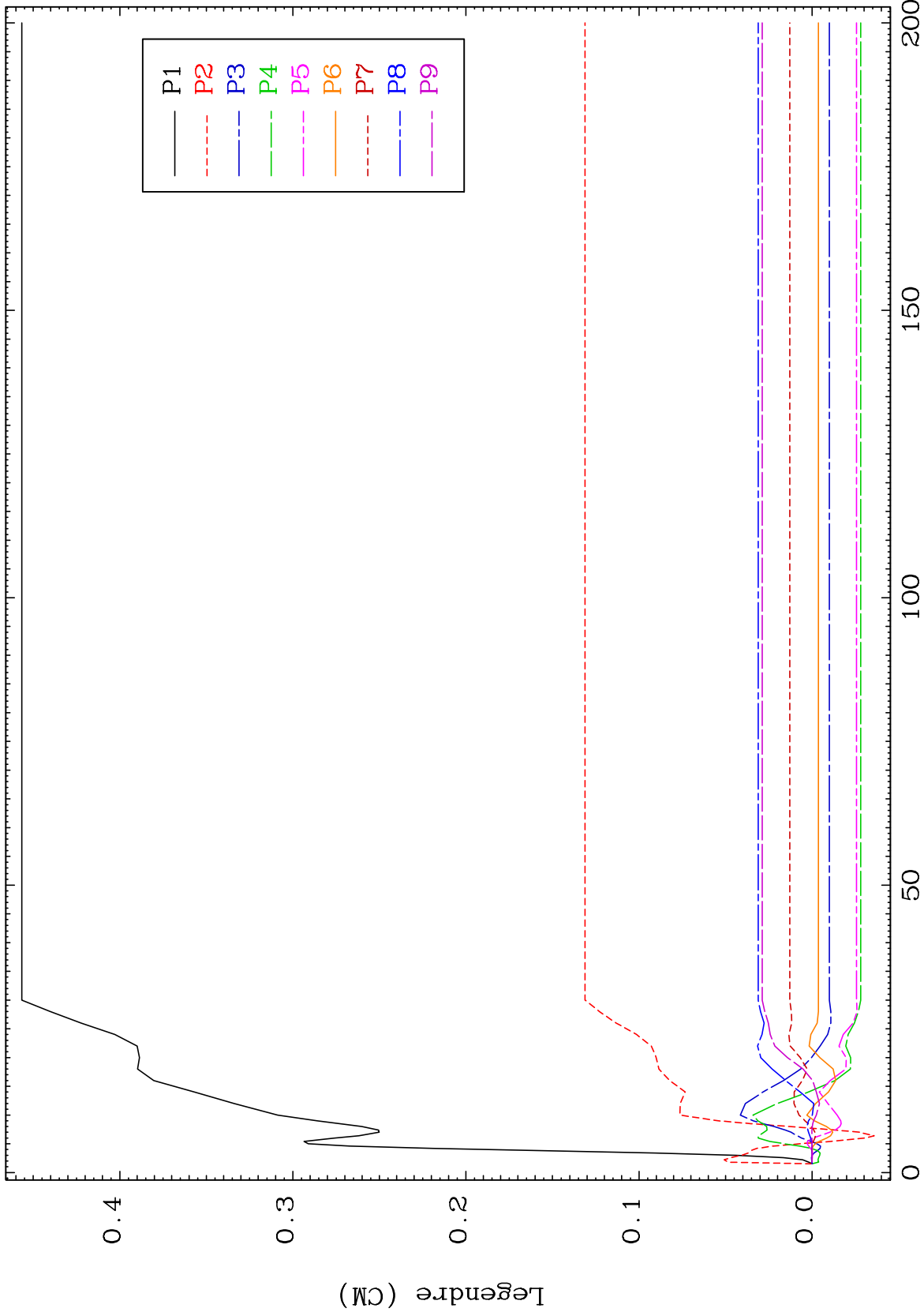
68-Er-172



MAT 6855

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

68-Er-172



94

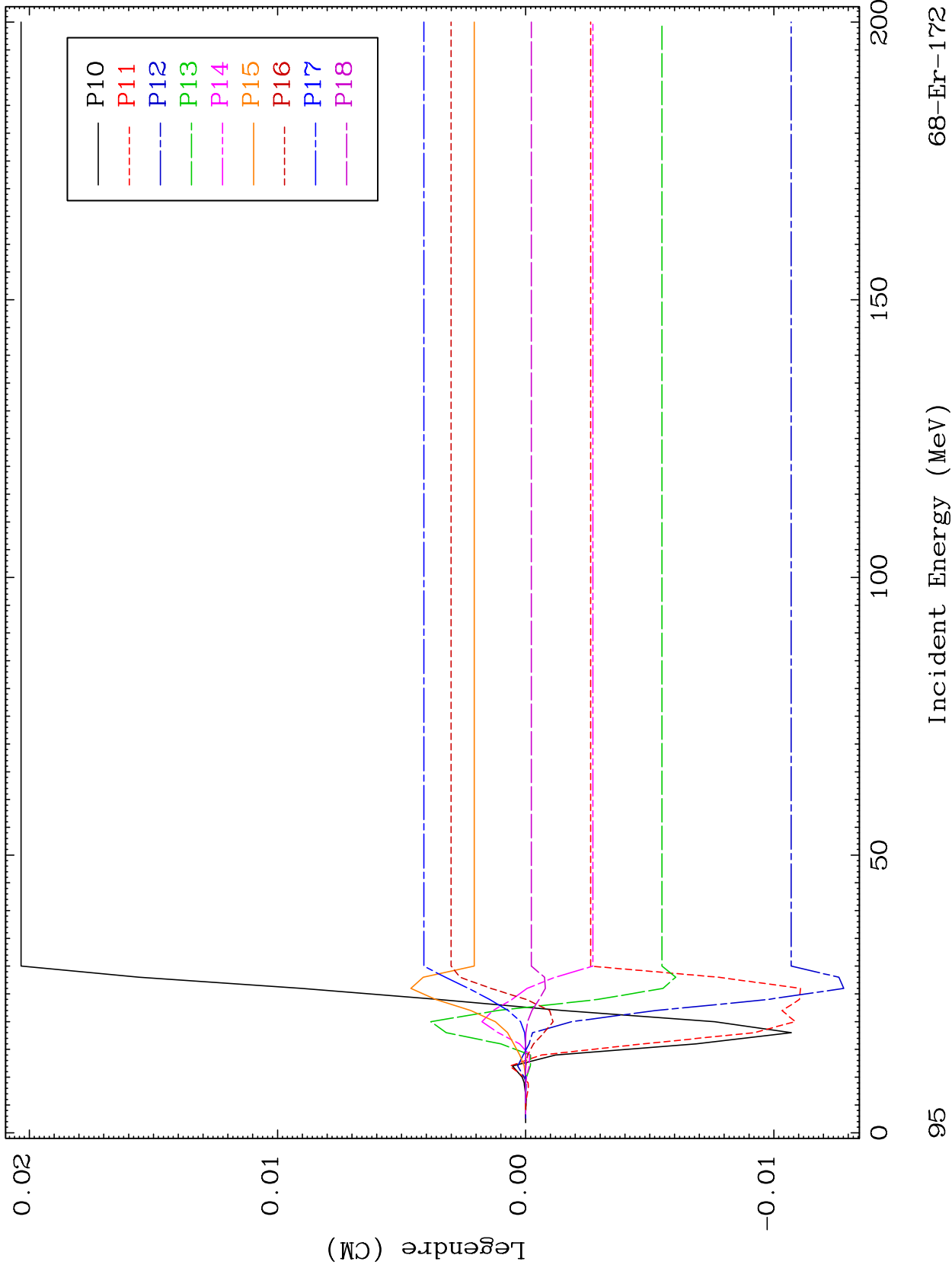
Incident Energy (MeV)

68-Er-172

MAT 6855

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

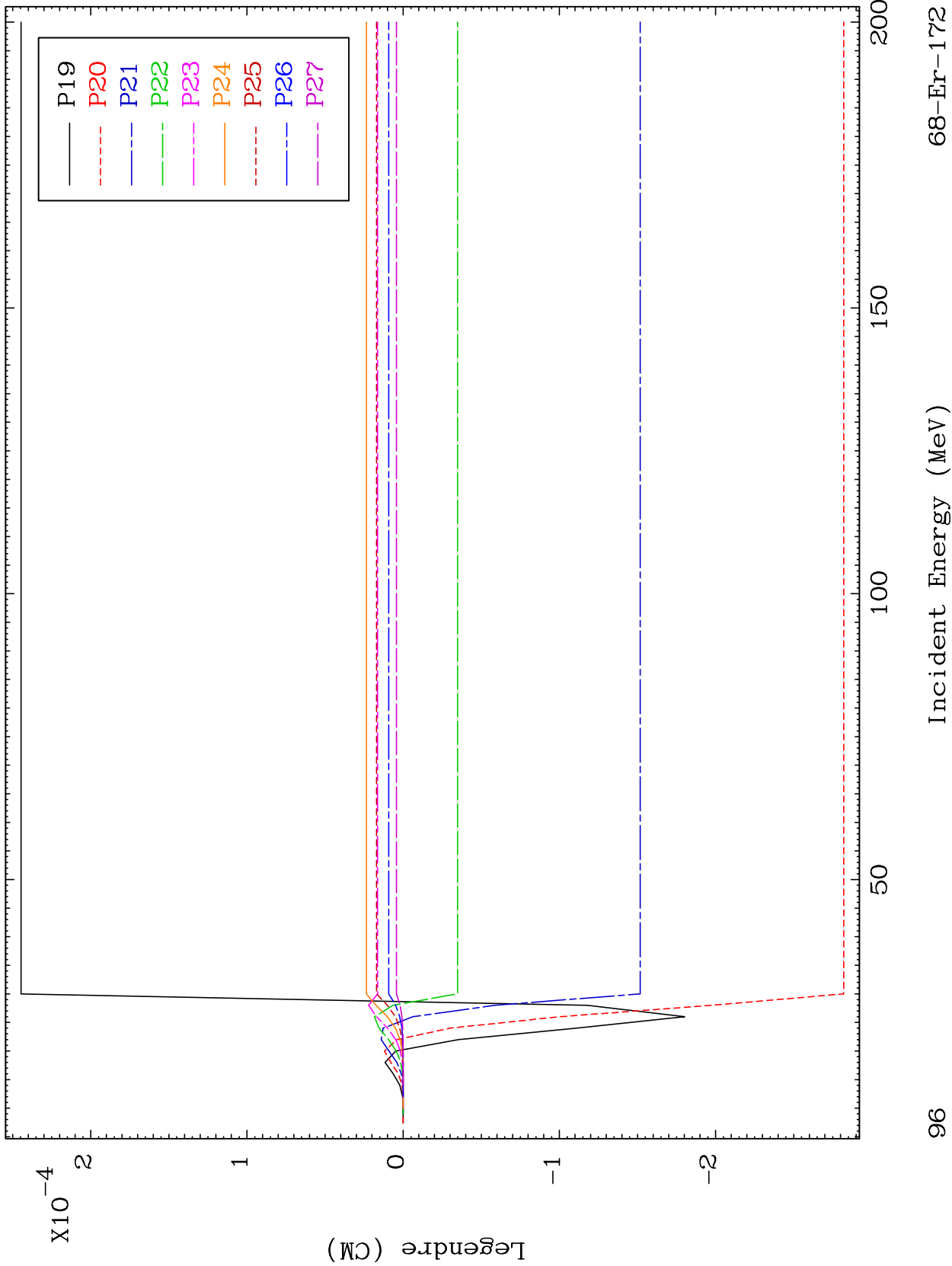
68-Er-172



68-Er-172

Incident Energy (MeV)

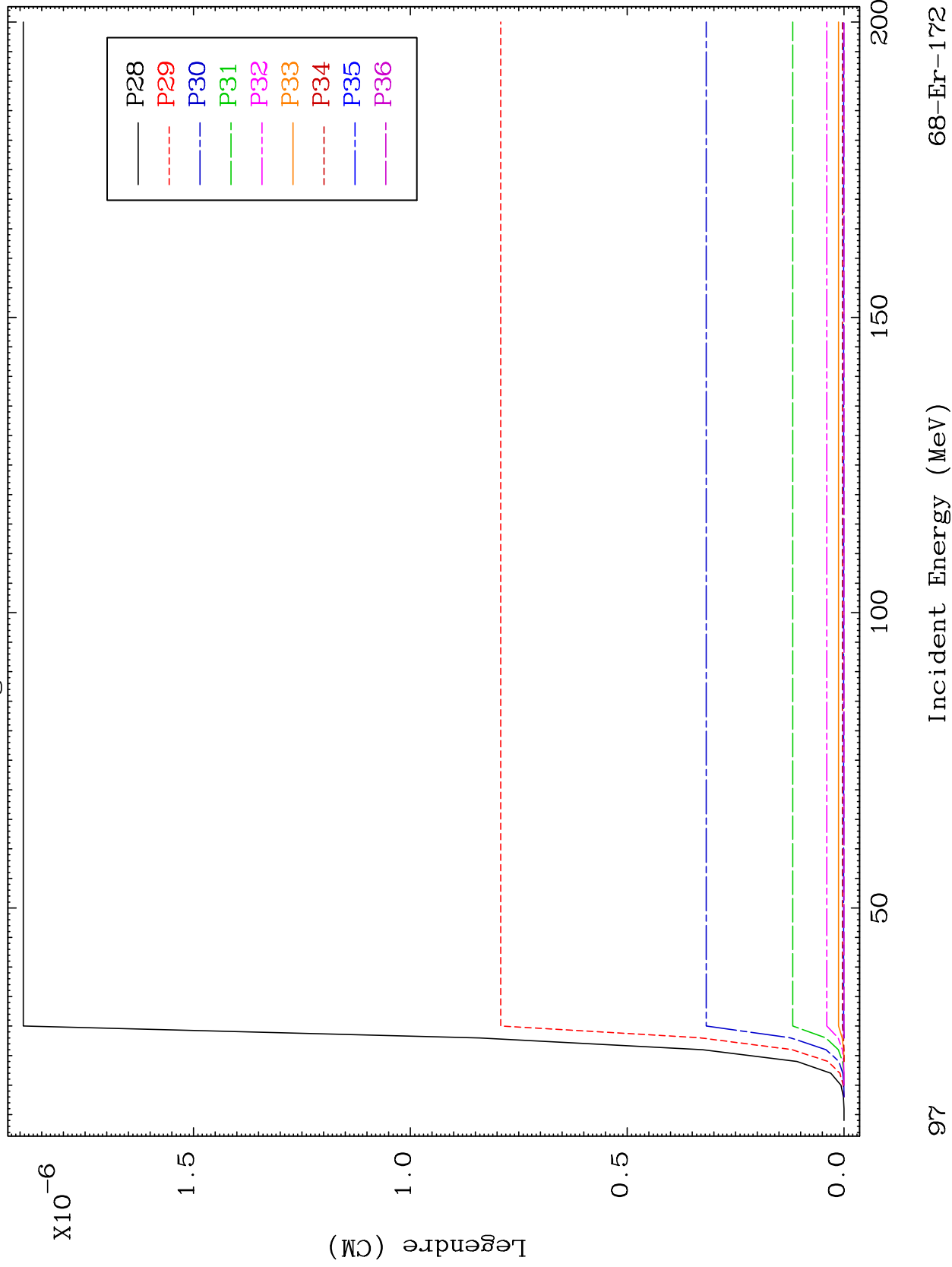
95



MAT 6855

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

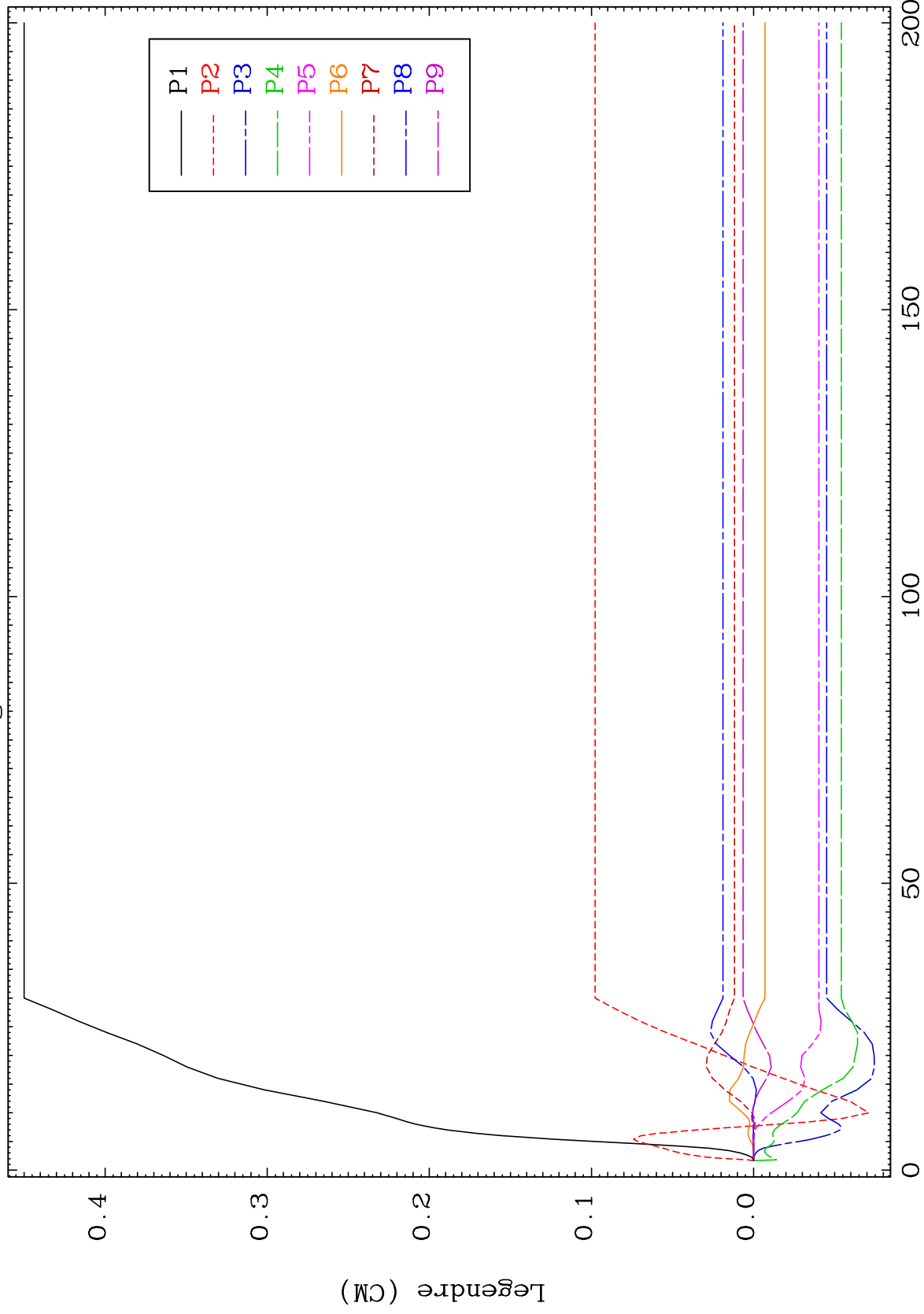
68-Er-172



MAT 6855

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

68-Er-172



98

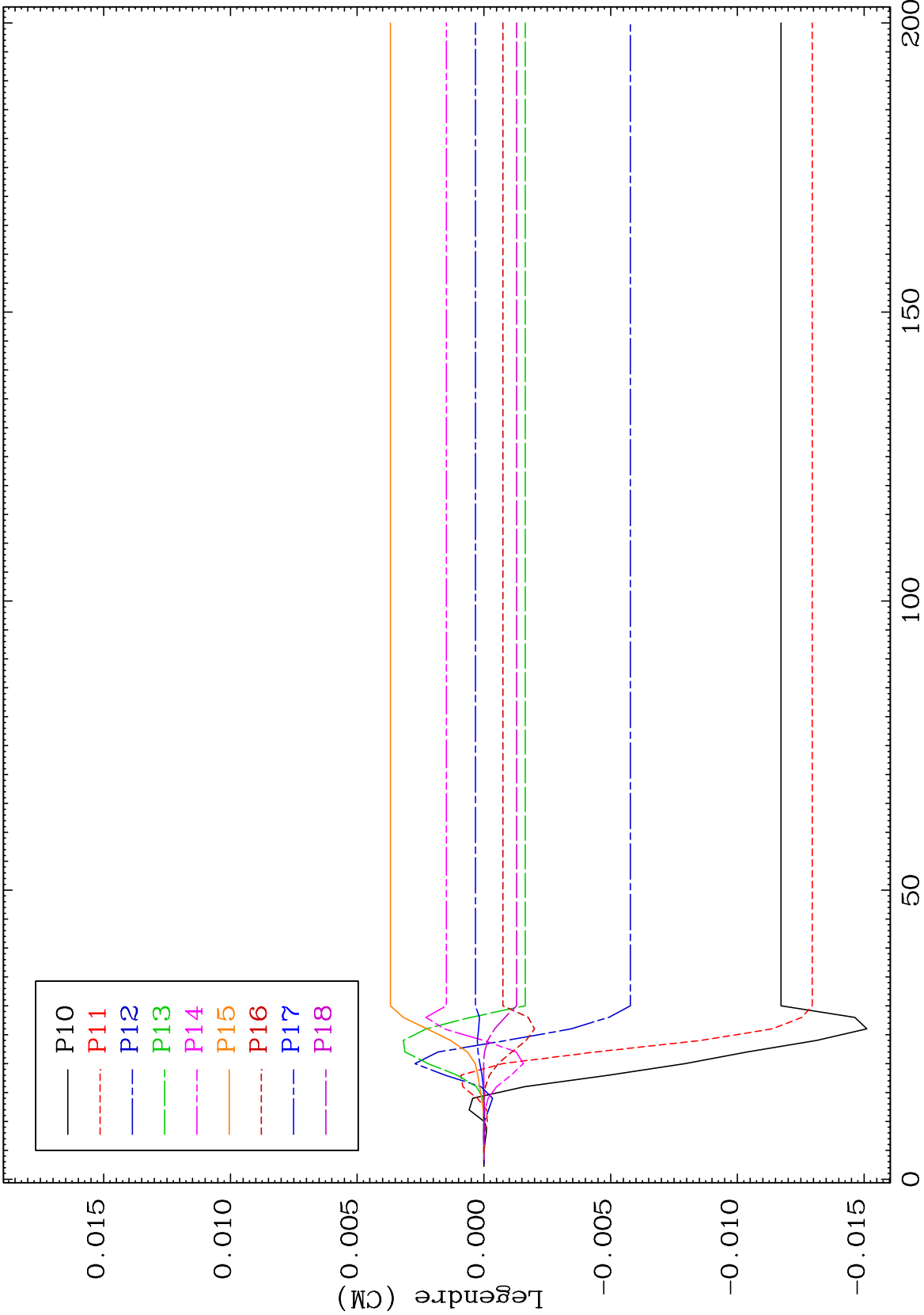
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



99

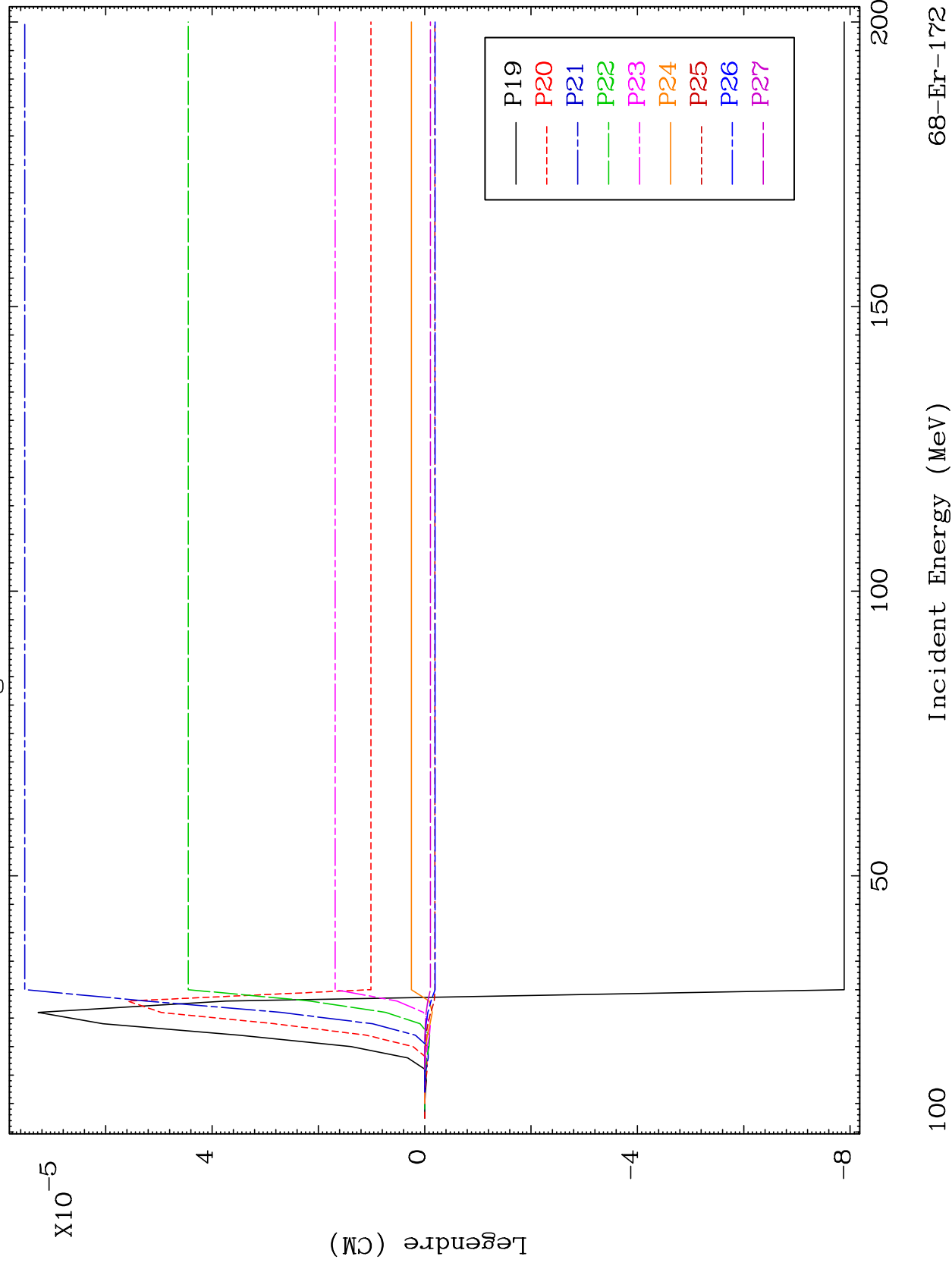
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172

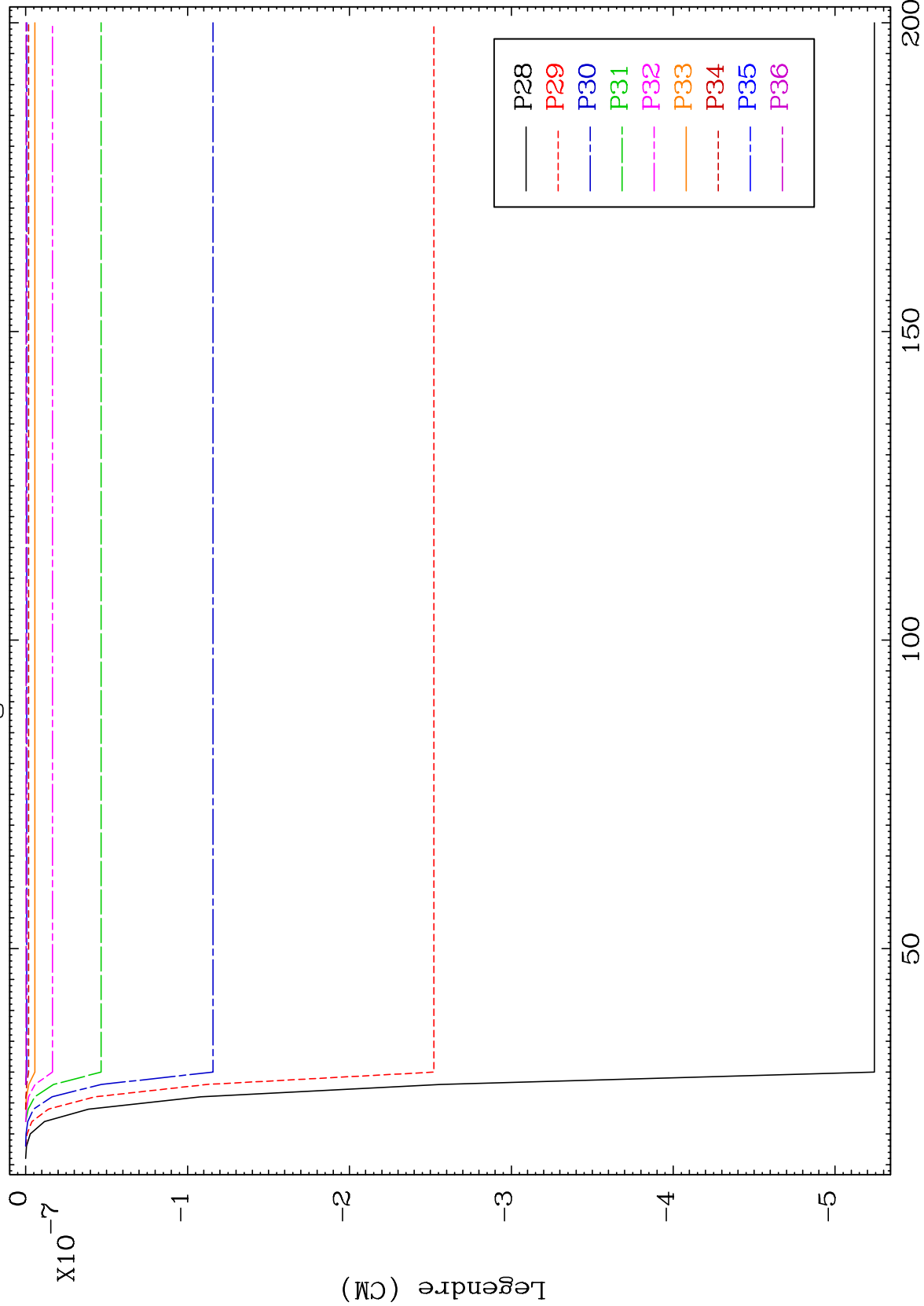


MAT 6855

MT= 72 (n,n') Level

68-Er-172

Legendre Coefficients



68-Er-172

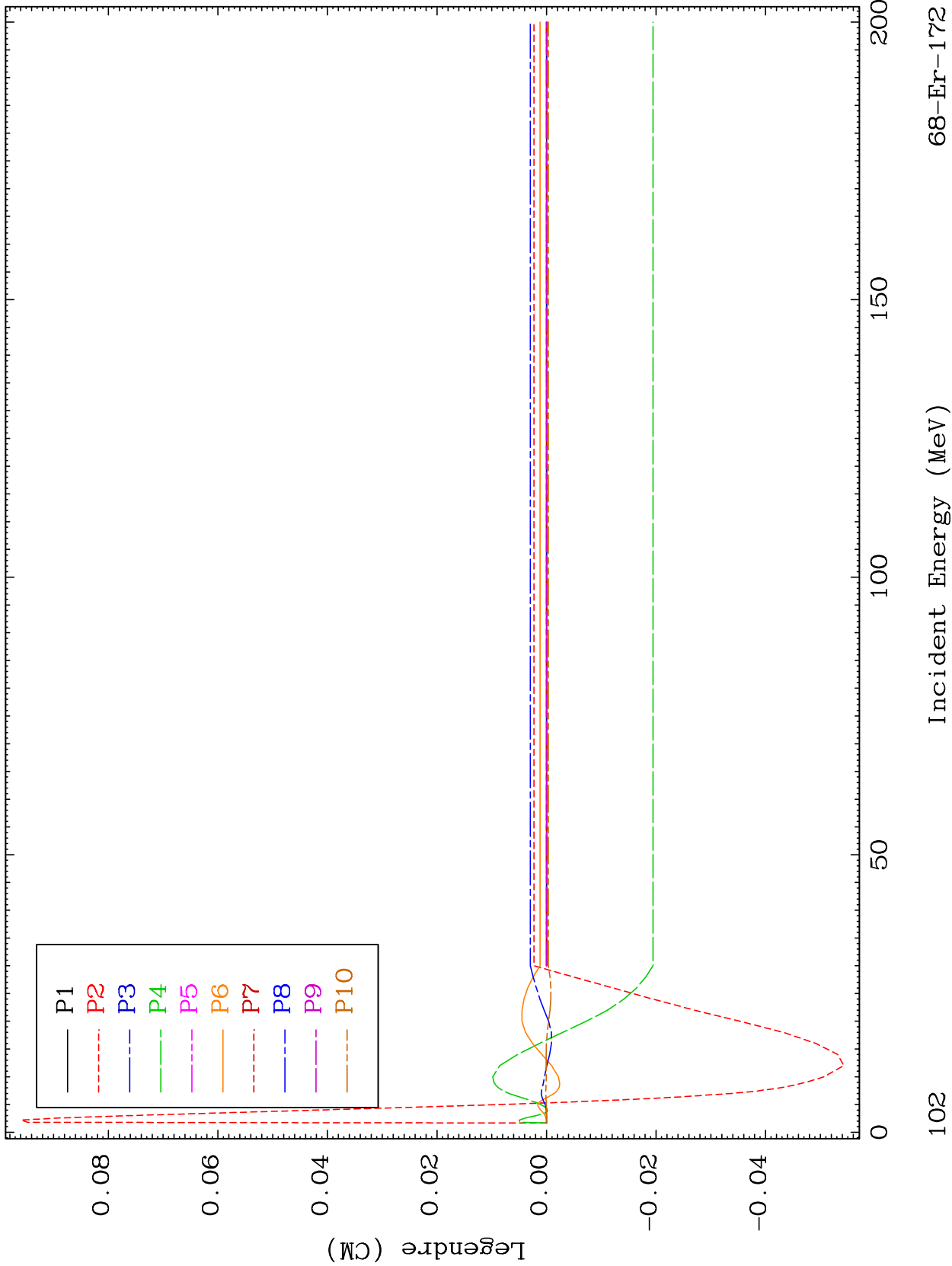
Incident Energy (MeV)

101

MAT 6855

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

68-Er-172



68-Er-172

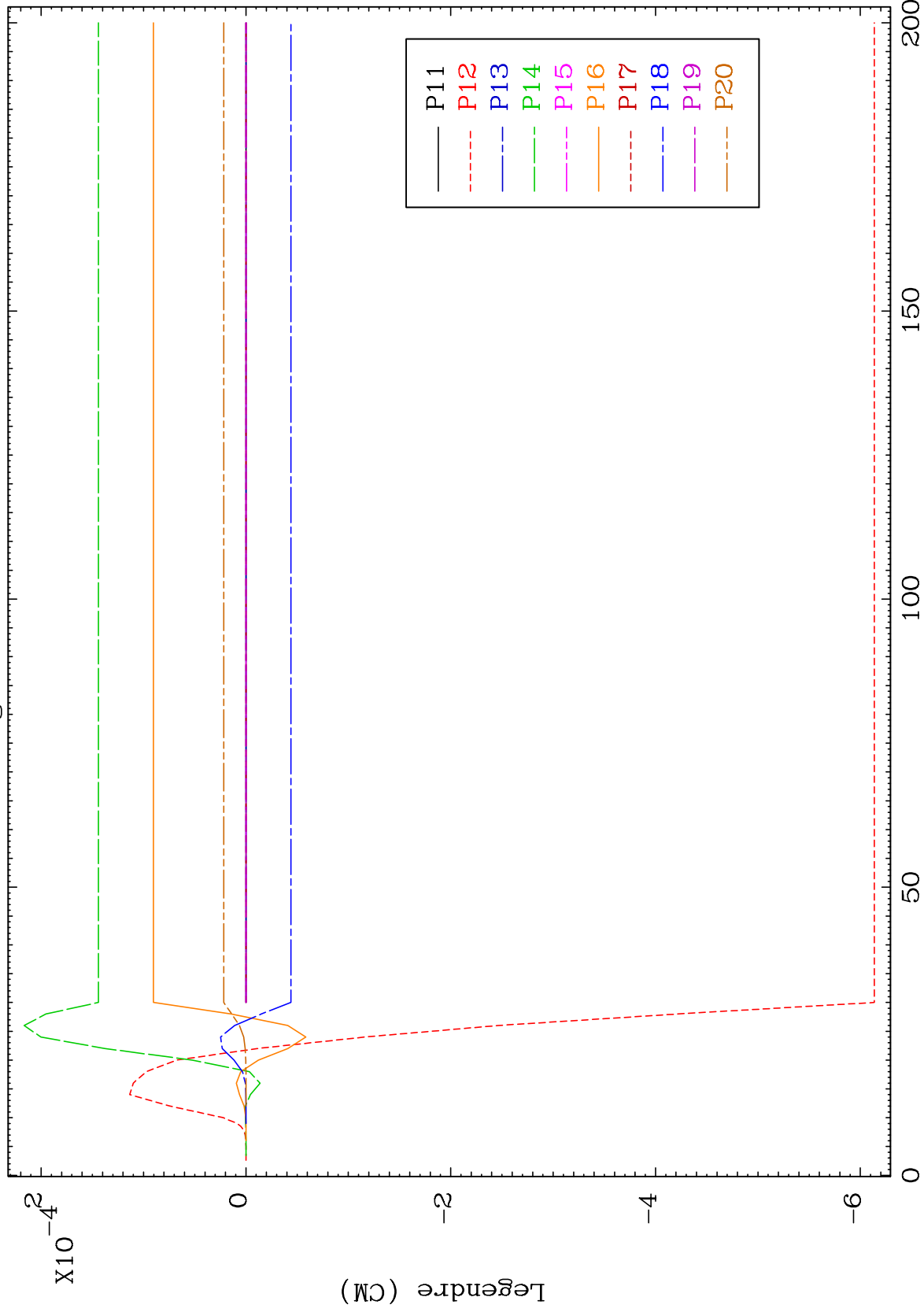
Incident Energy (MeV)

102

MAT 6855

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

68-Er-172



103

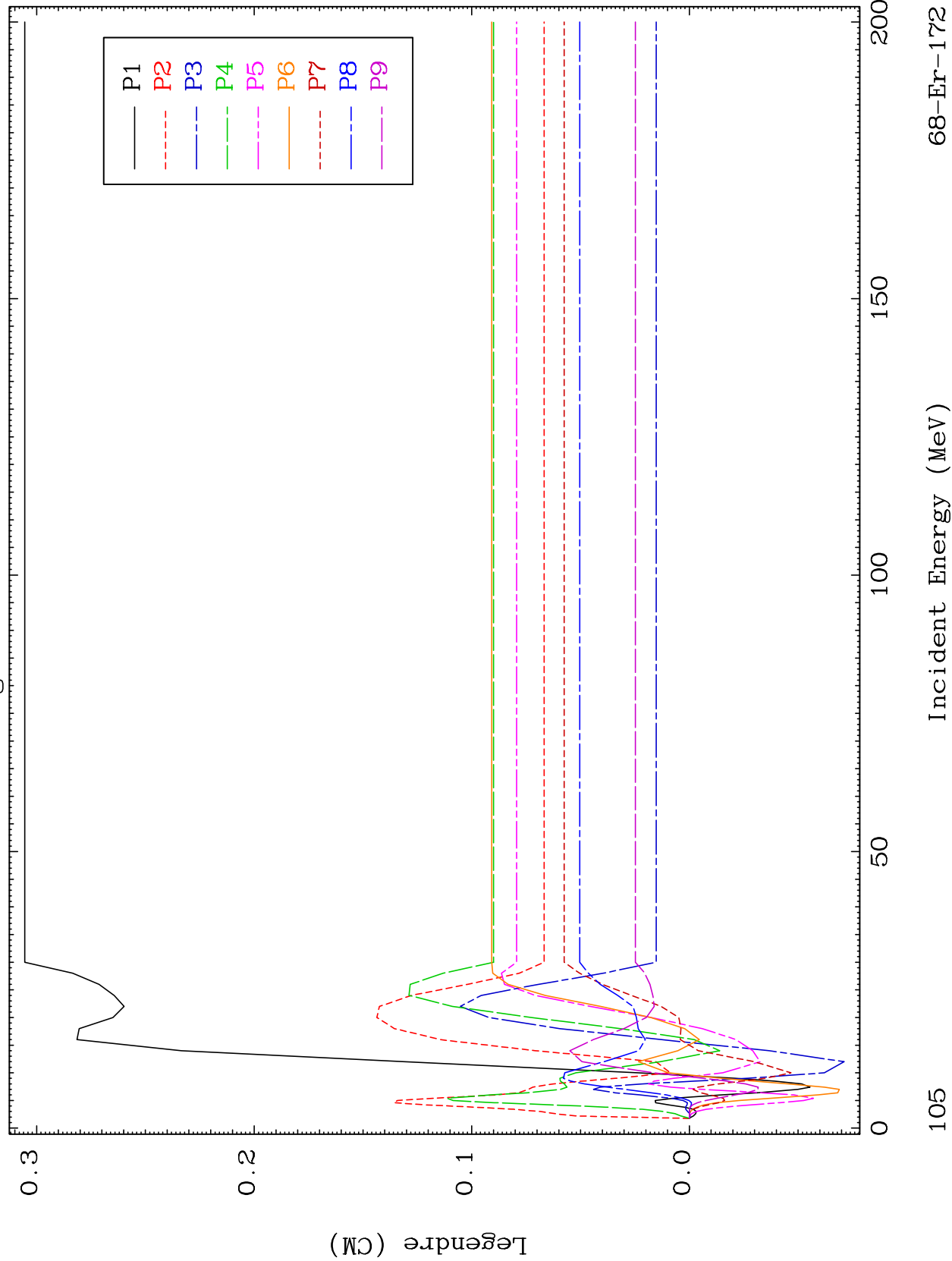
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



68-Er-172

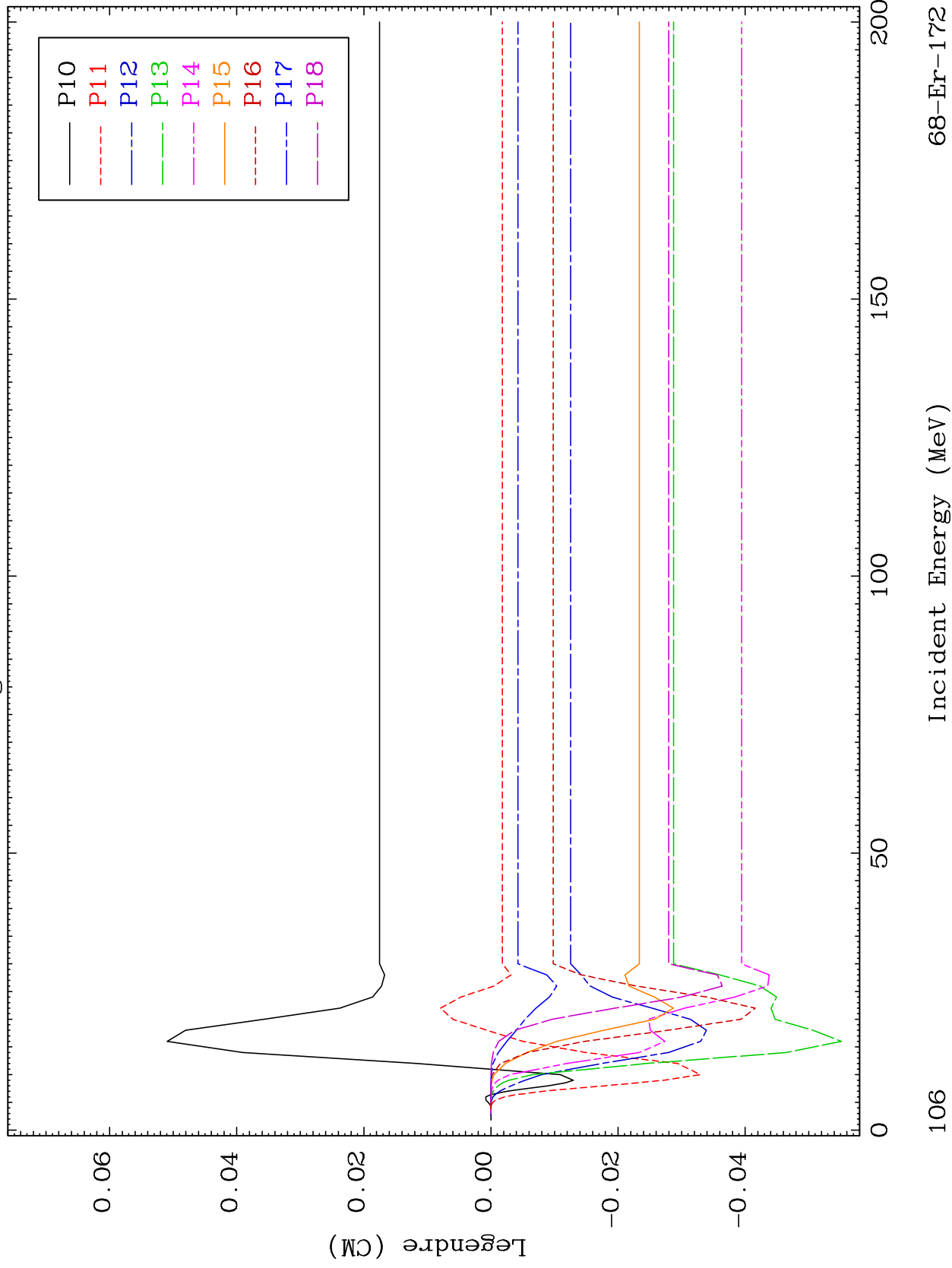
Incident Energy (MeV)

105

MAT 6855

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

68-Er-172



68-Er-172

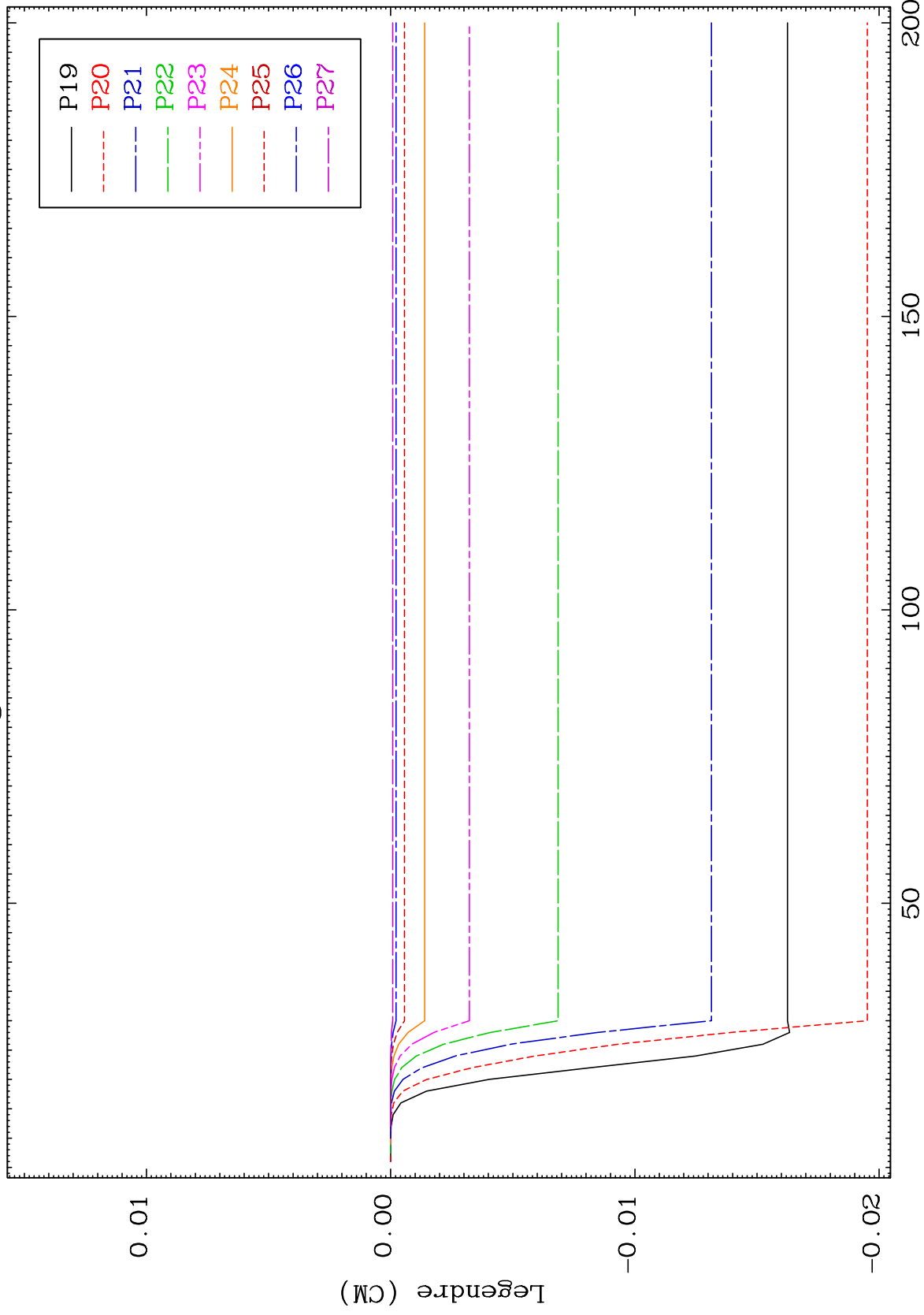
Incident Energy (MeV)

106

MAT 6855

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

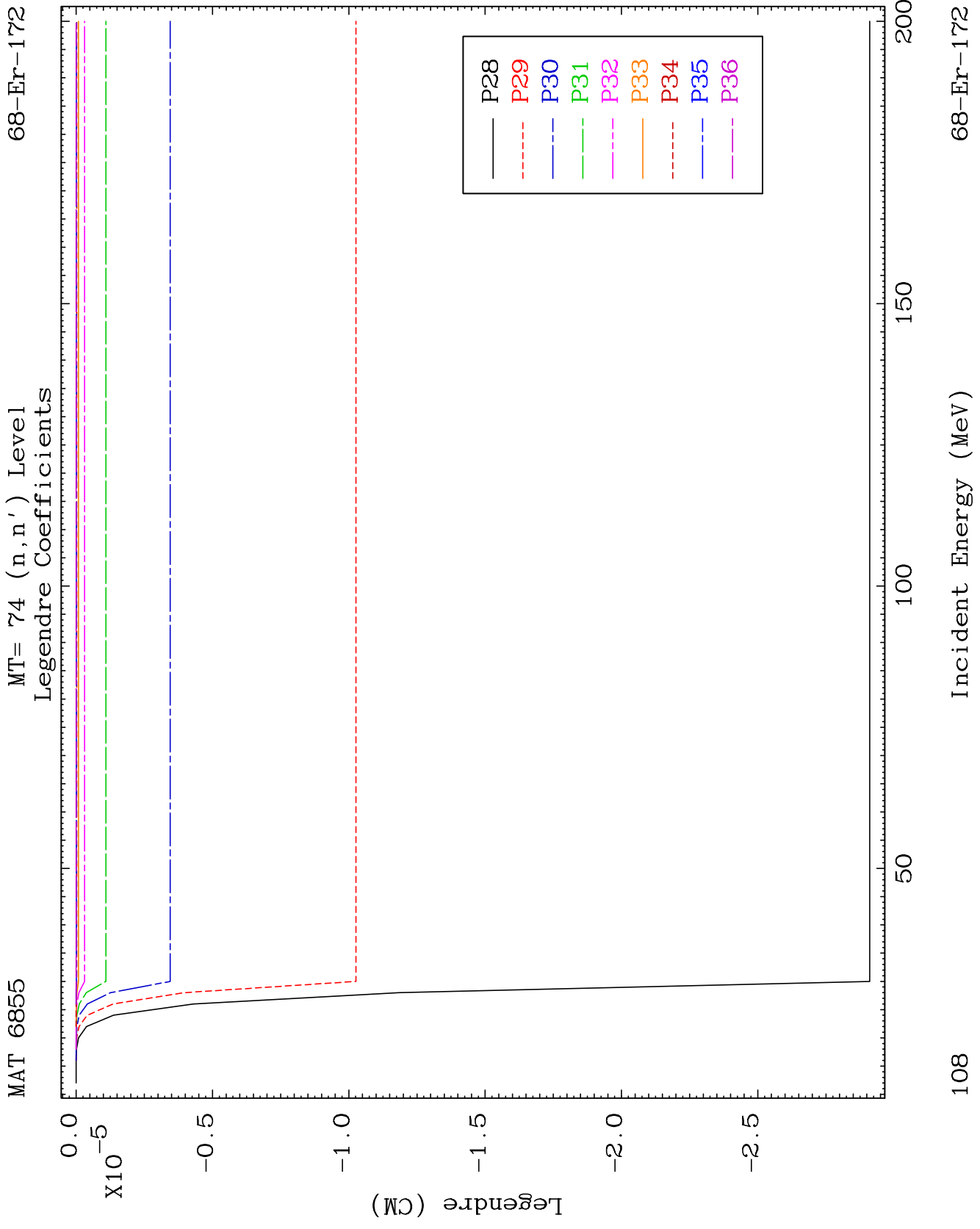
68-Er-172



107

Incident Energy (MeV)

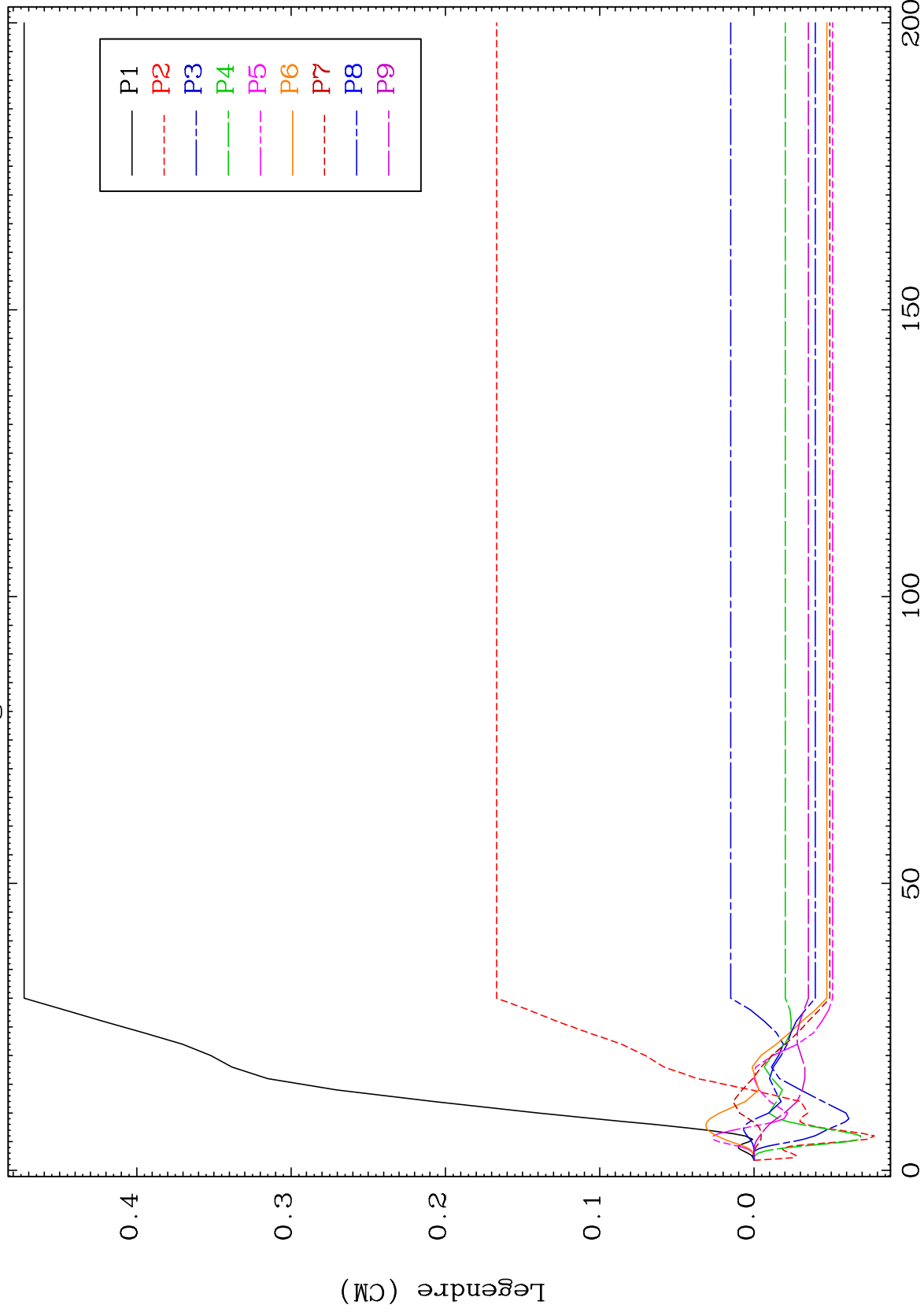
68-Er-172



MAT 6855

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

68-Er-172



109

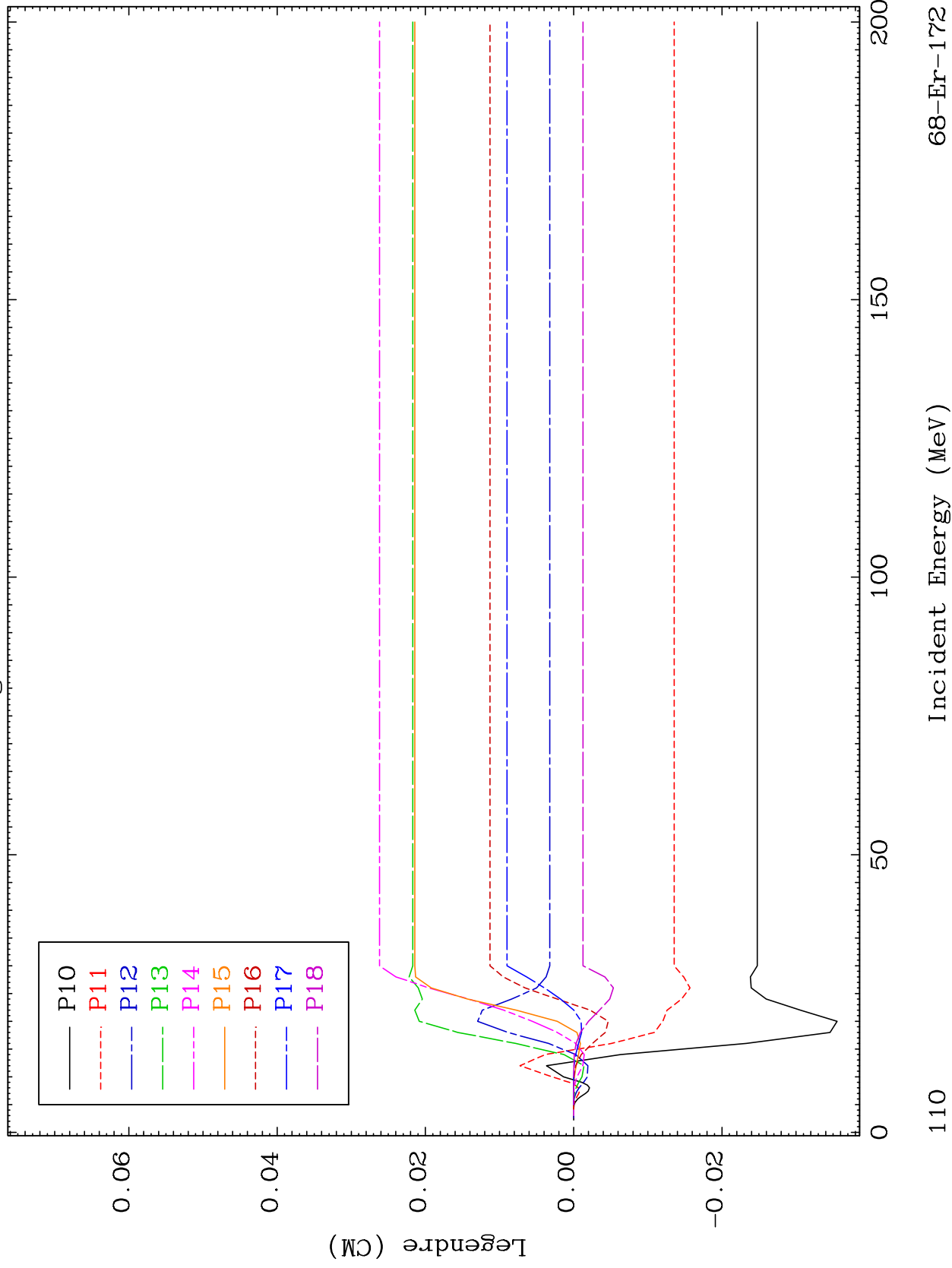
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



68-Er-172

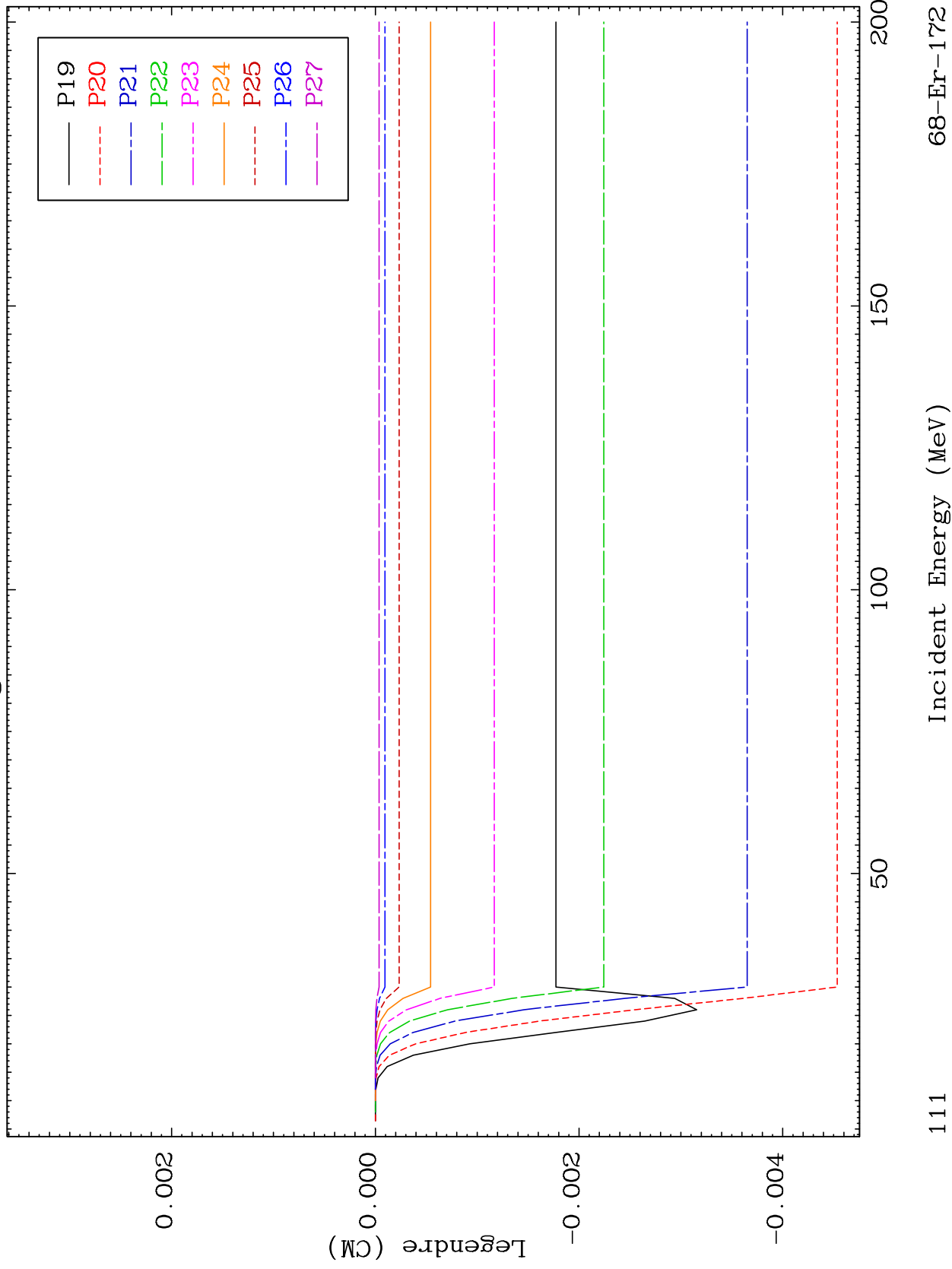
Incident Energy (MeV)

110

MAT 6855

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

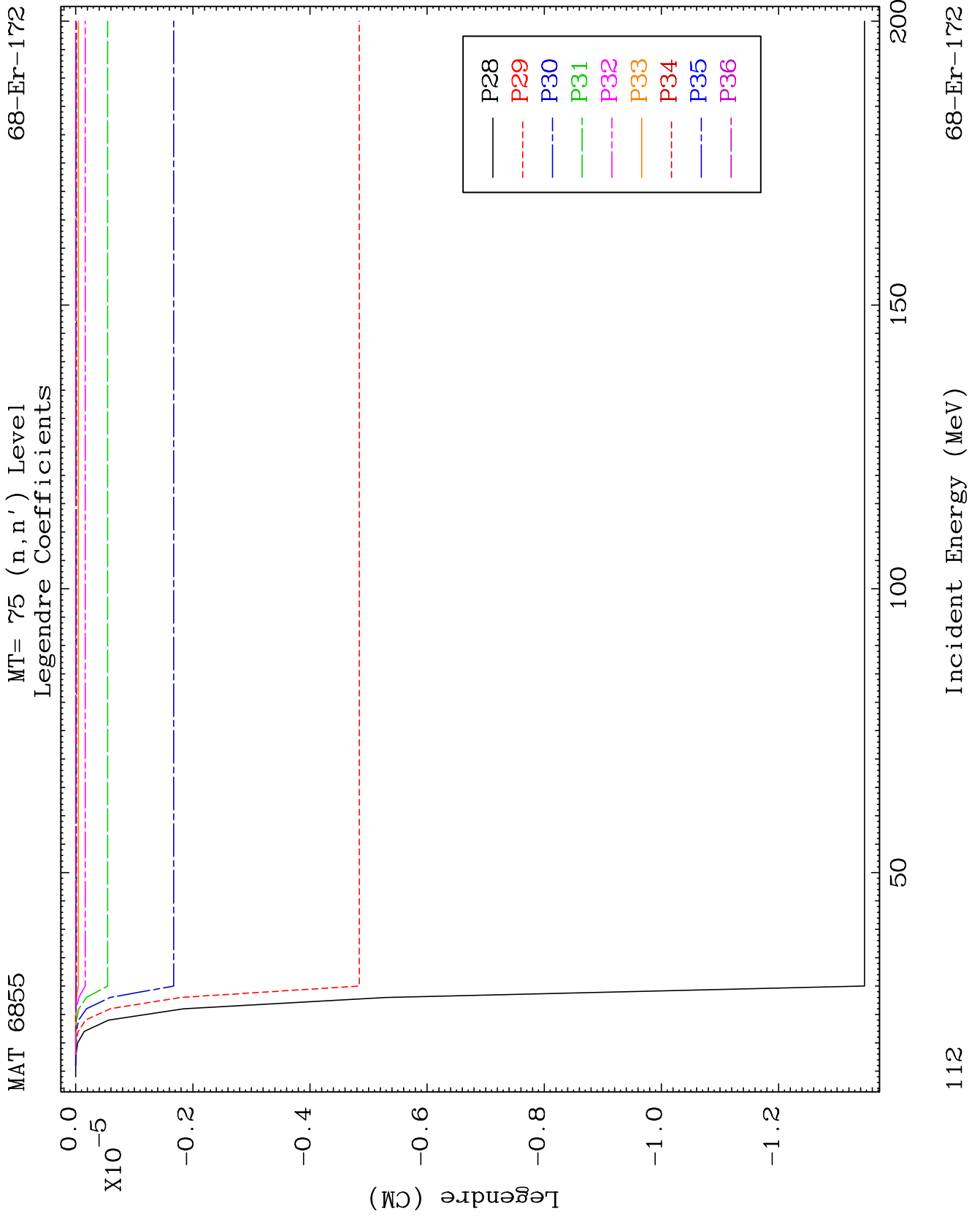
68-Er-172



111

Incident Energy (MeV)

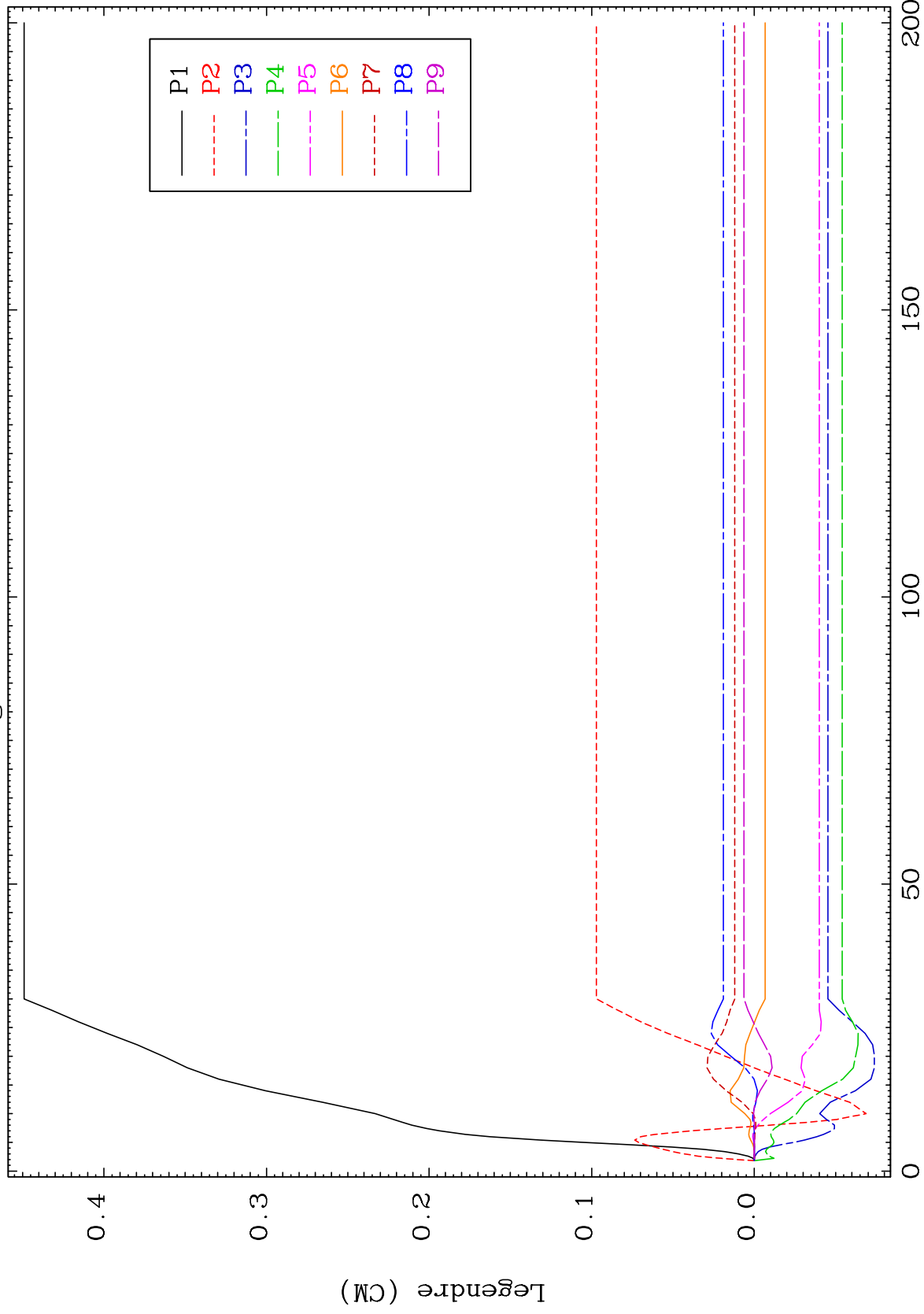
68-Er-172



MAT 6855

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

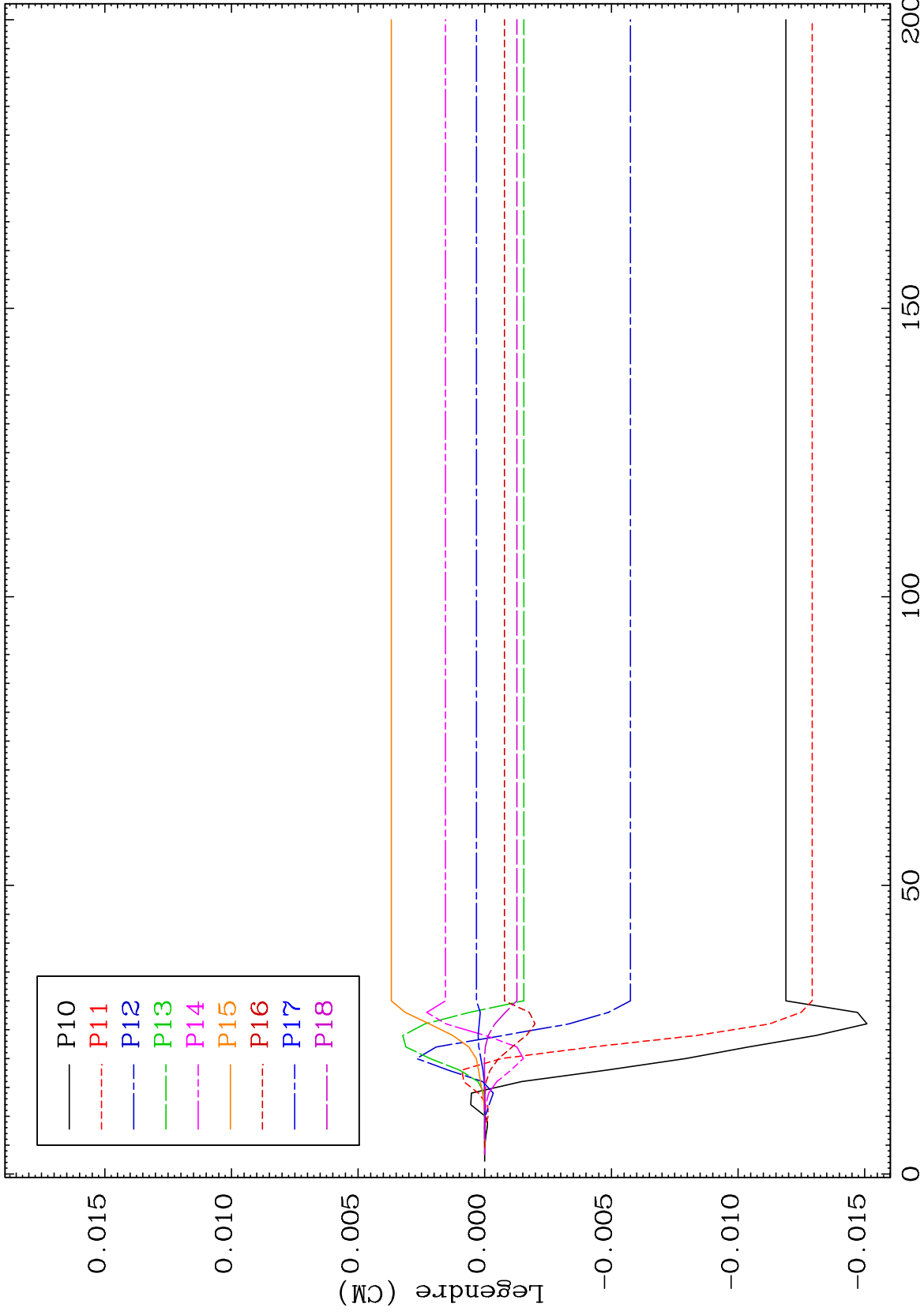
68-Er-172



113

Incident Energy (MeV)

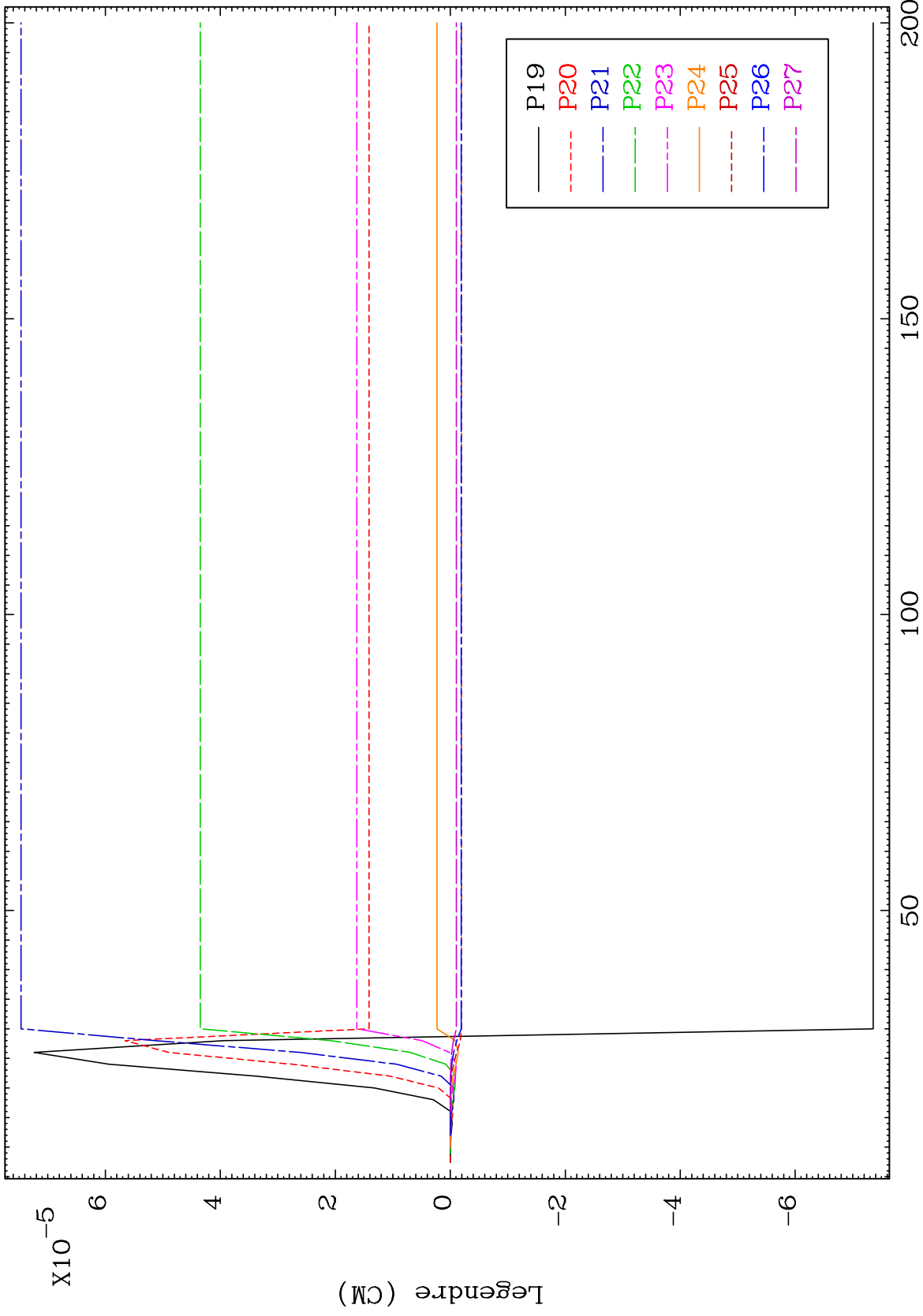
68-Er-172



MAT 6855

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

68-Er-172



115

Incident Energy (MeV)

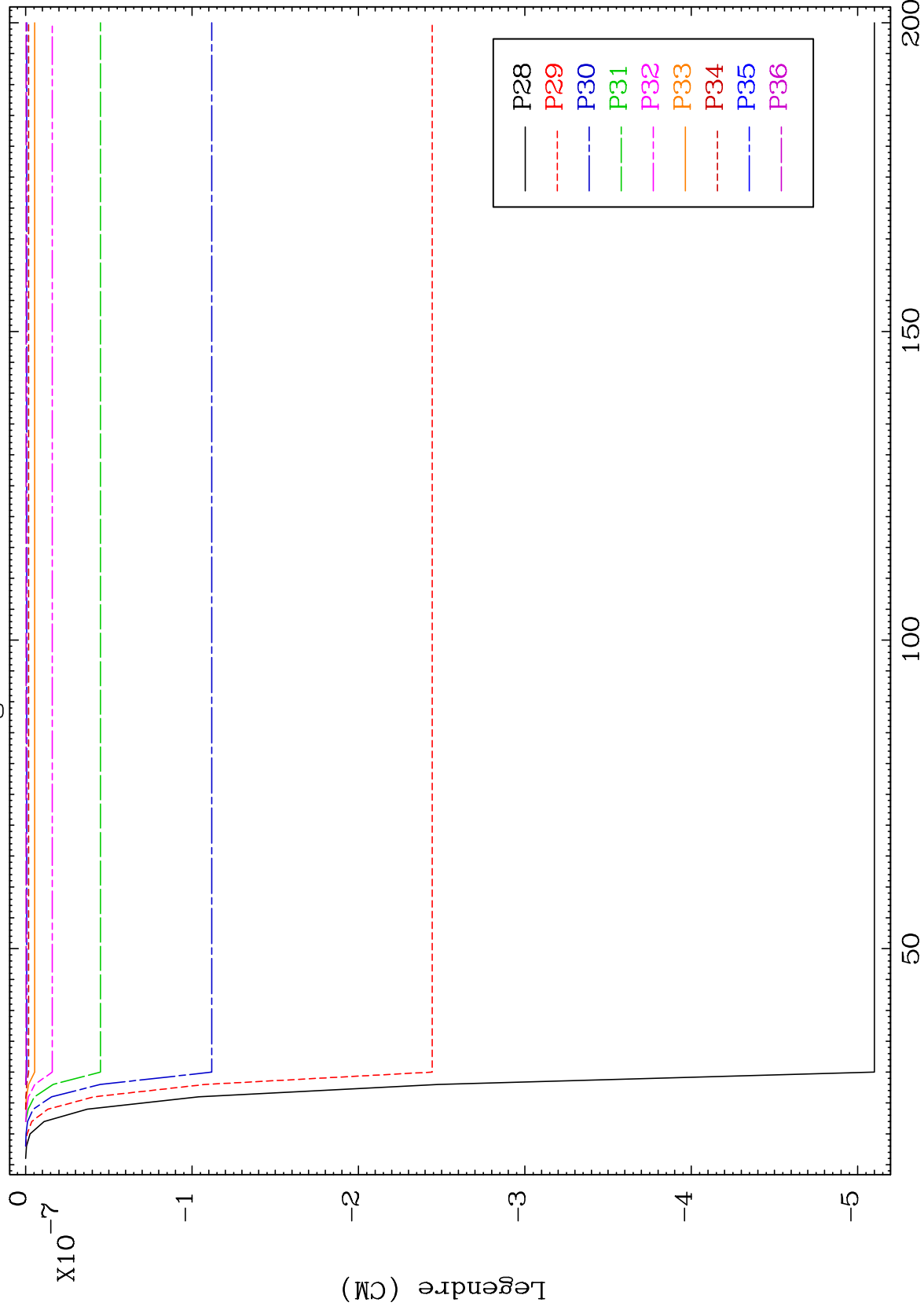
68-Er-172

MAT 6855

MT= 76 (n,n') Level

68-Er-172

Legendre Coefficients



116

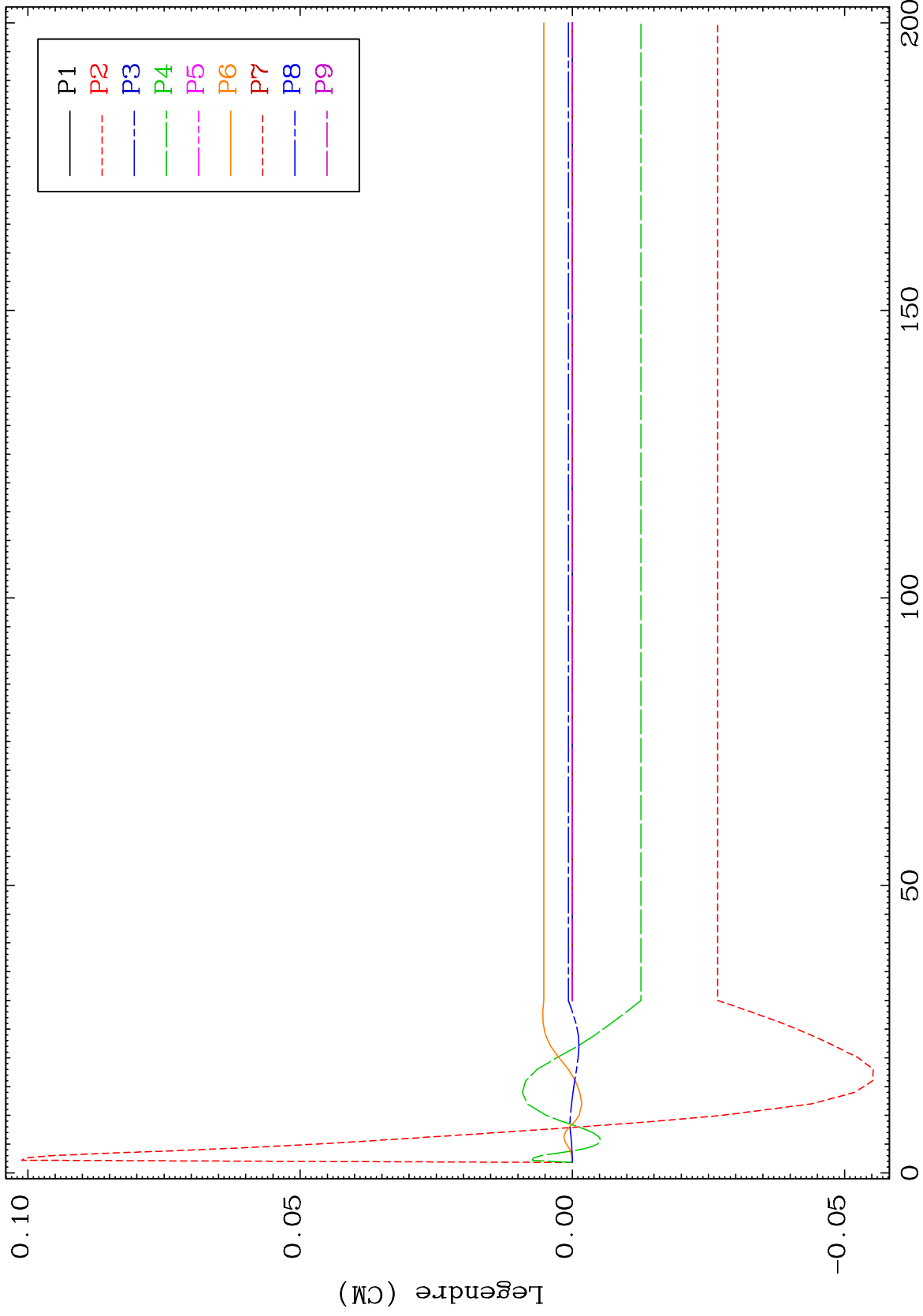
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



117

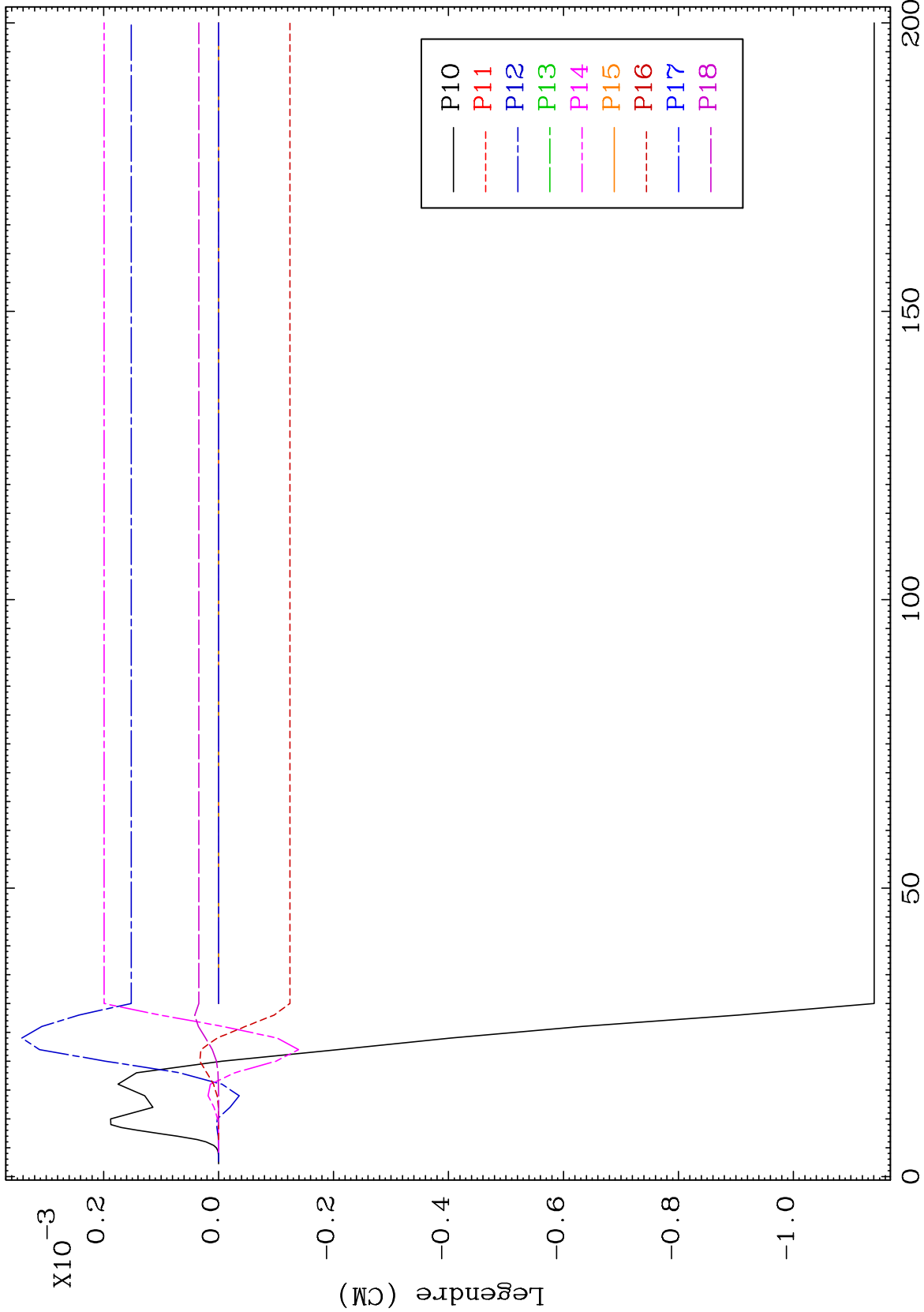
Incident Energy (MeV)

68-Er-172

MAT 6855

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

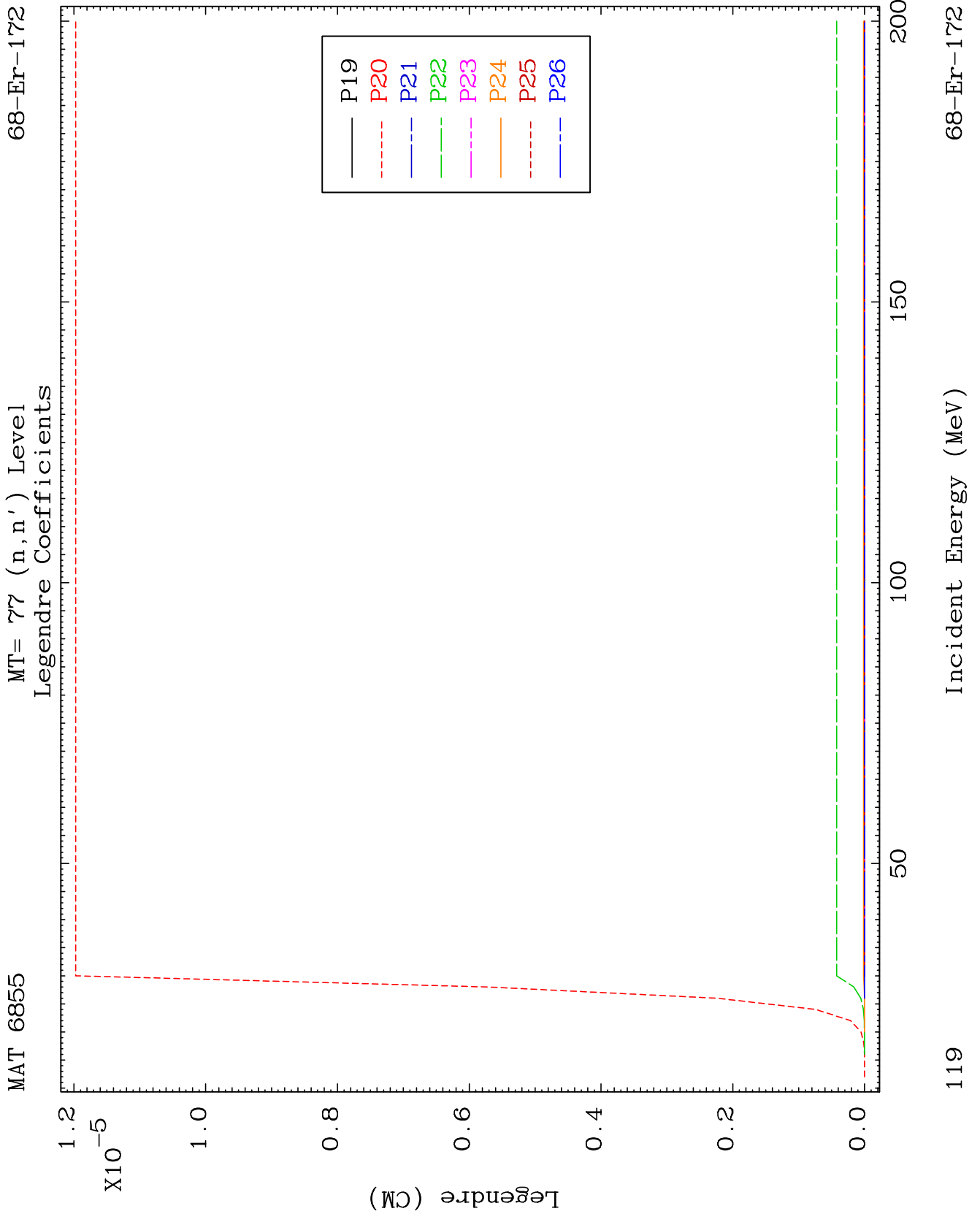
68-Er-172

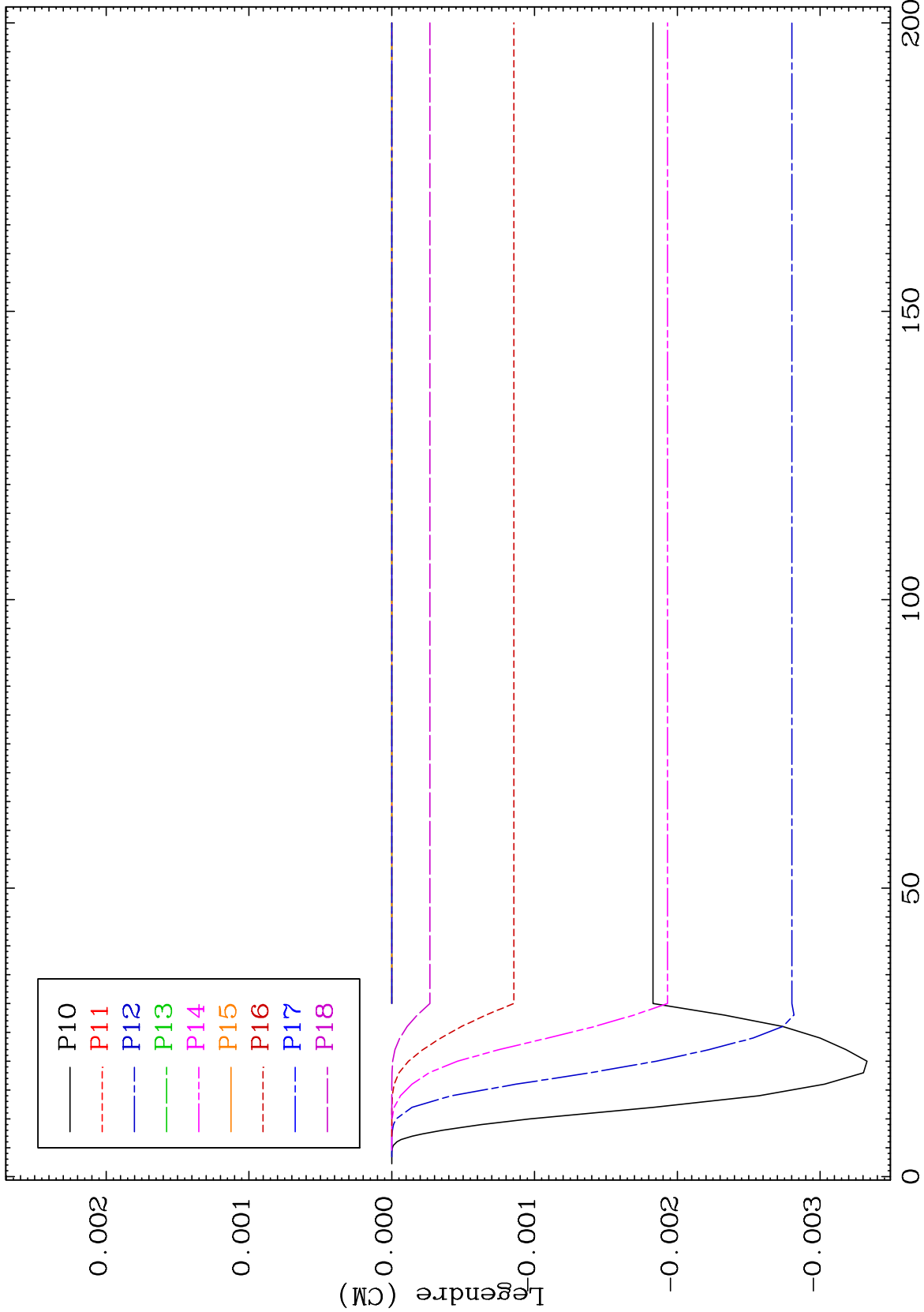


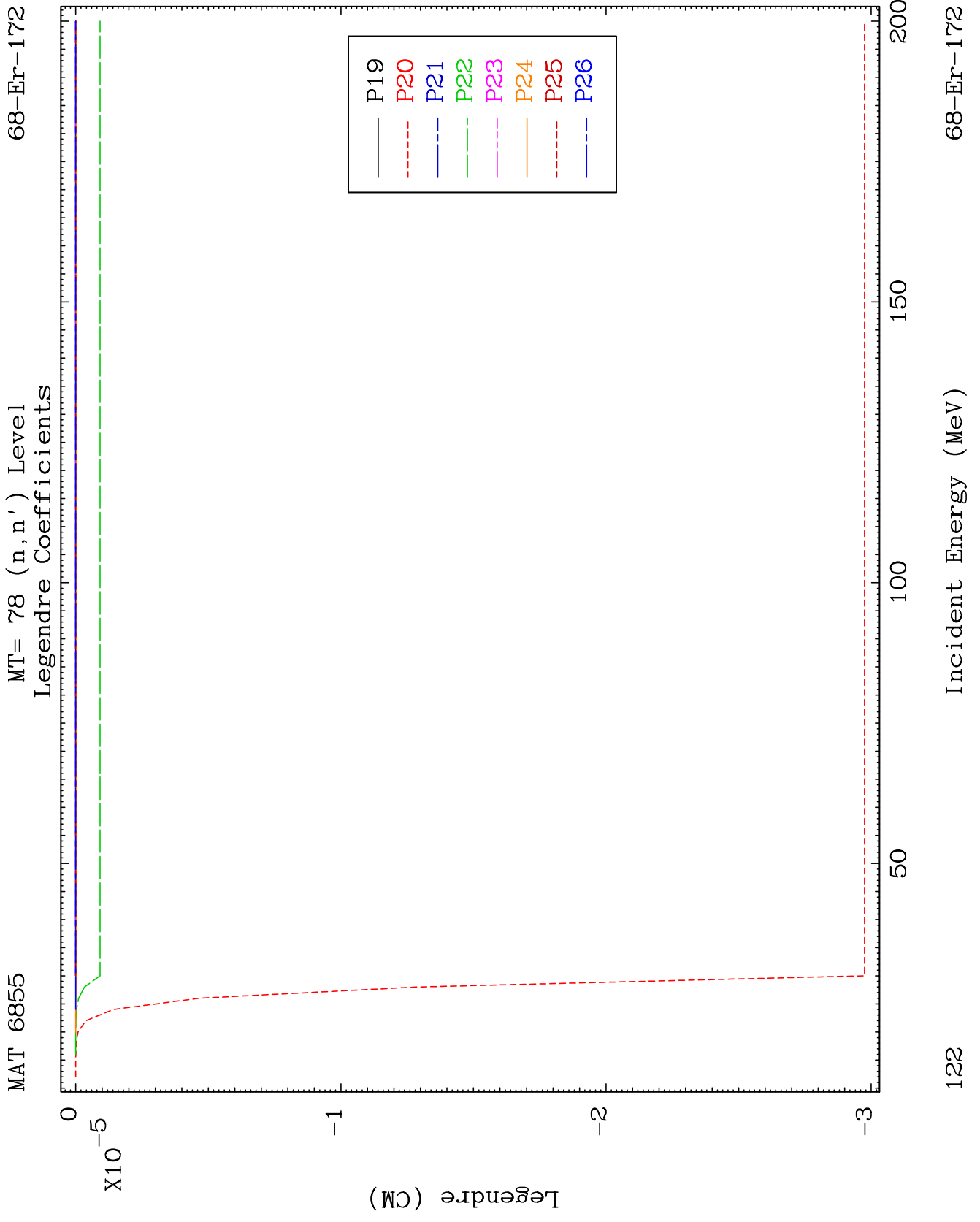
118

Incident Energy (MeV)

68-Er-172



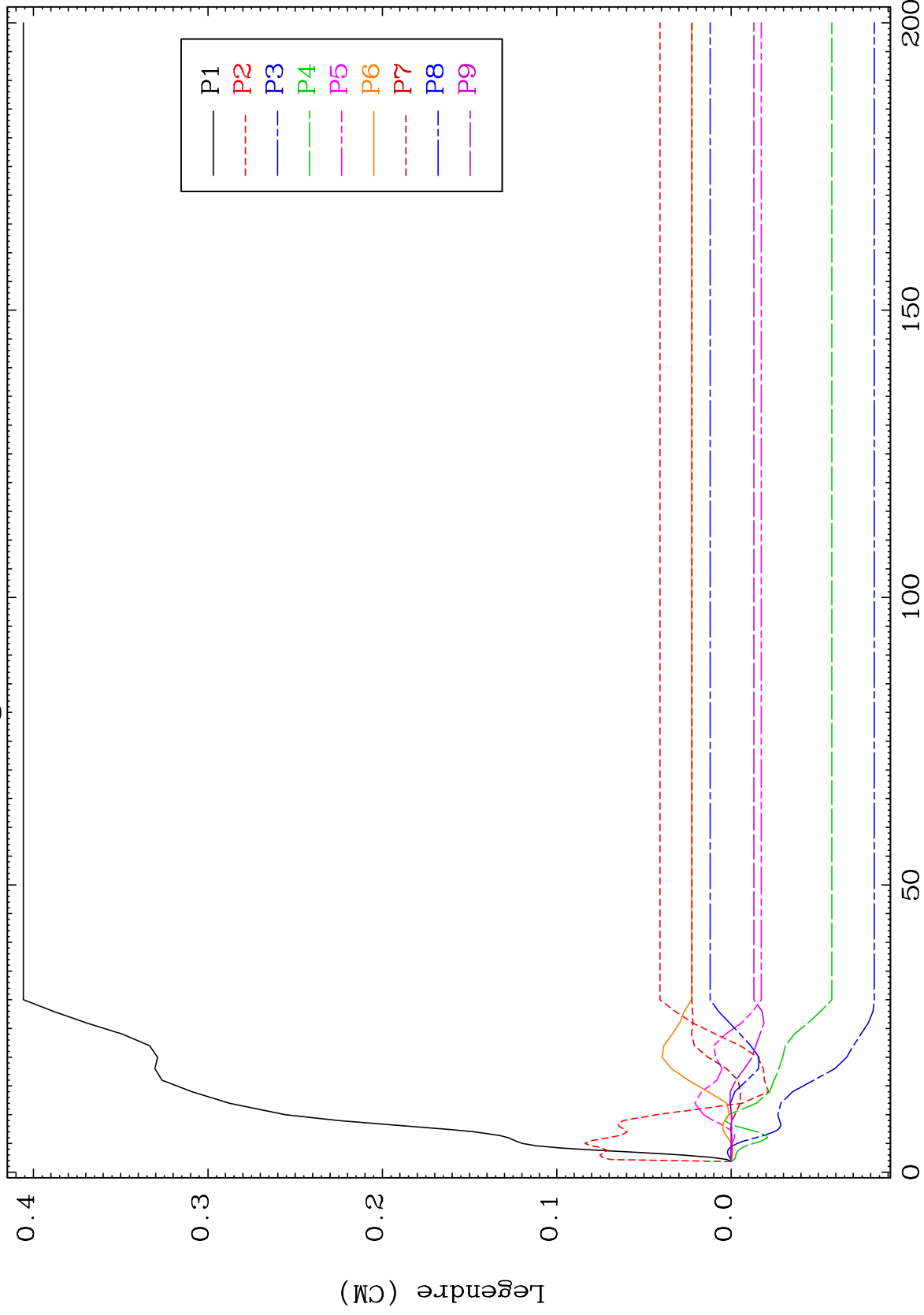




MAT 6855

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

68-Er-172



123

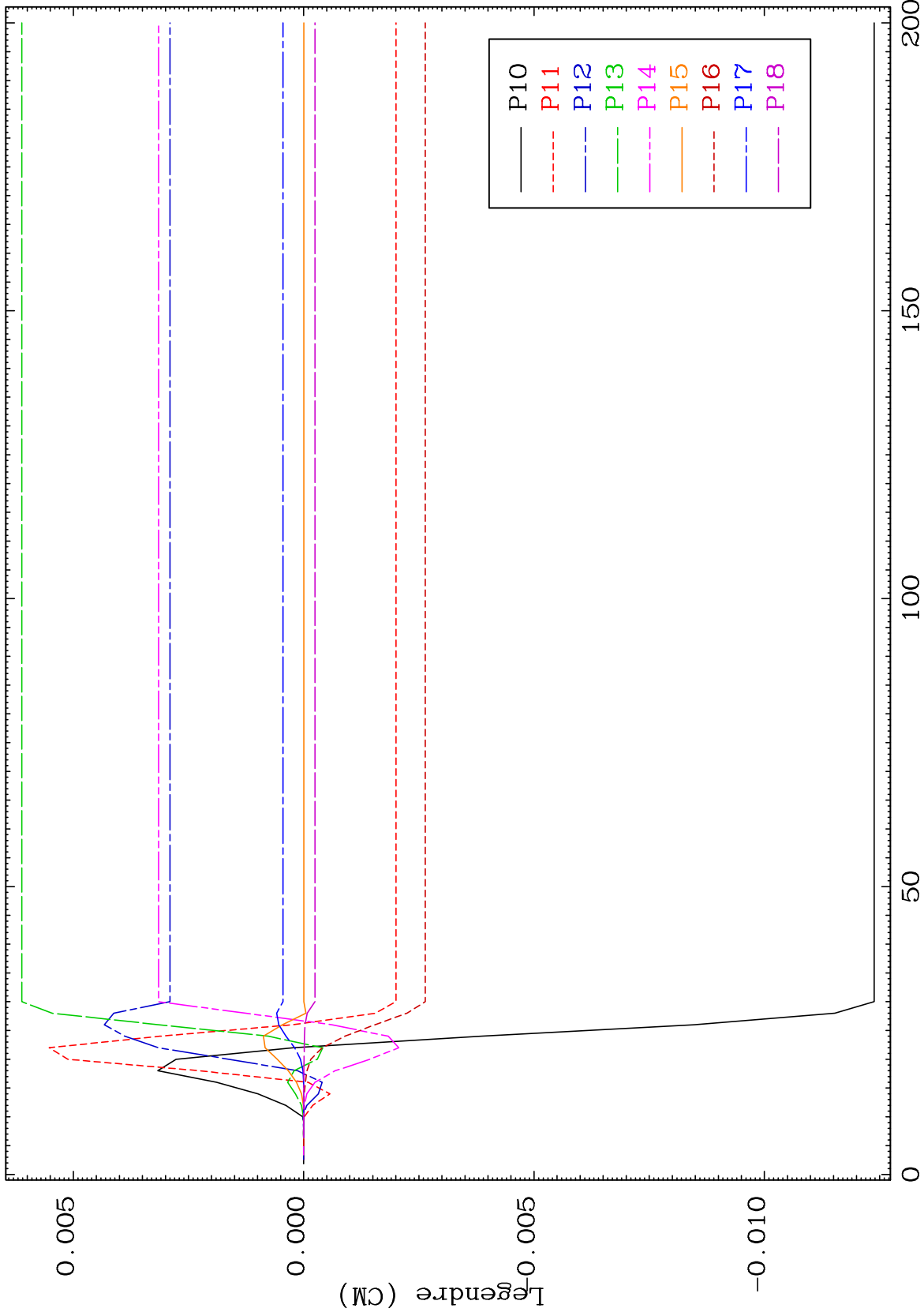
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



124

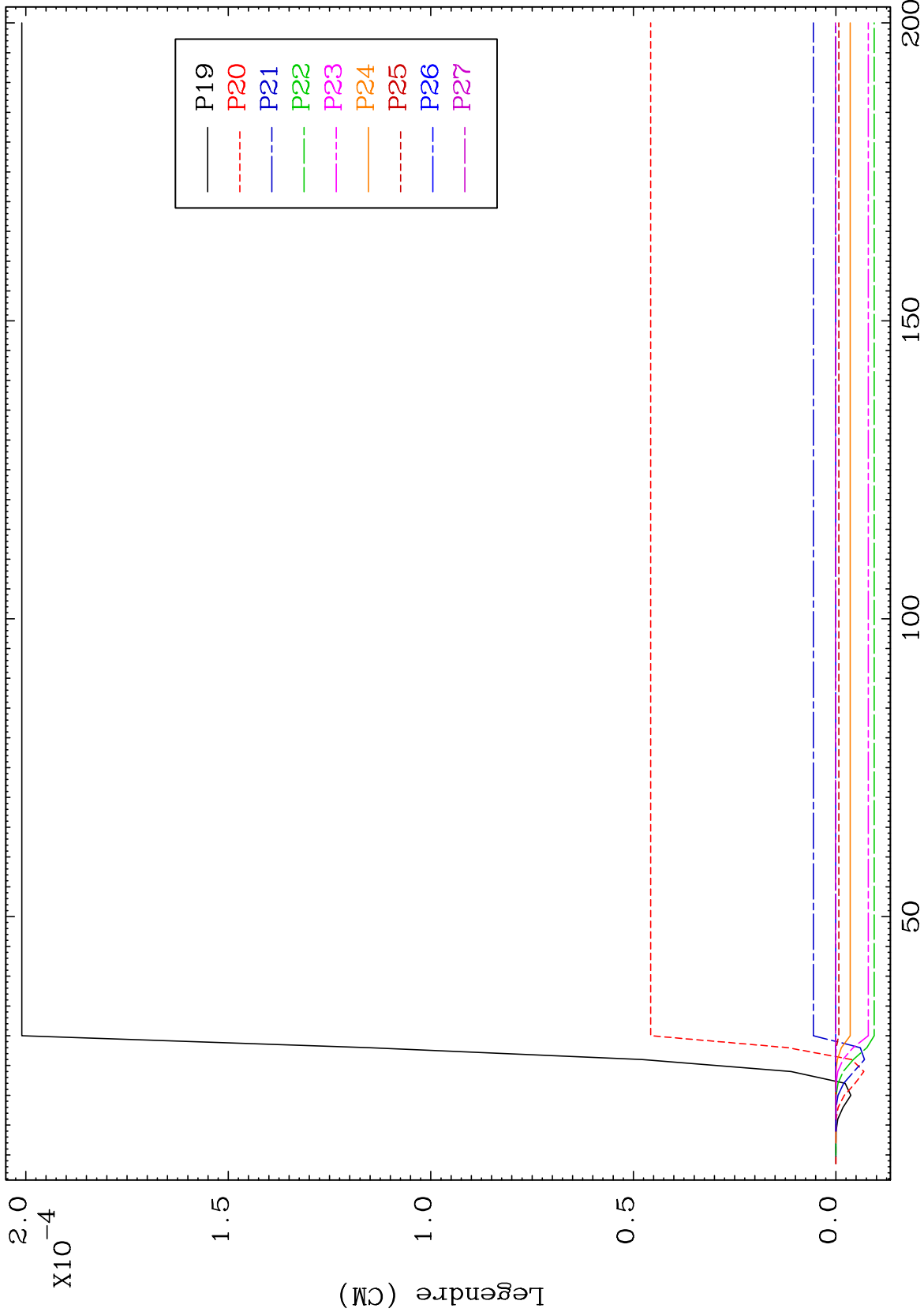
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



68-Er-172

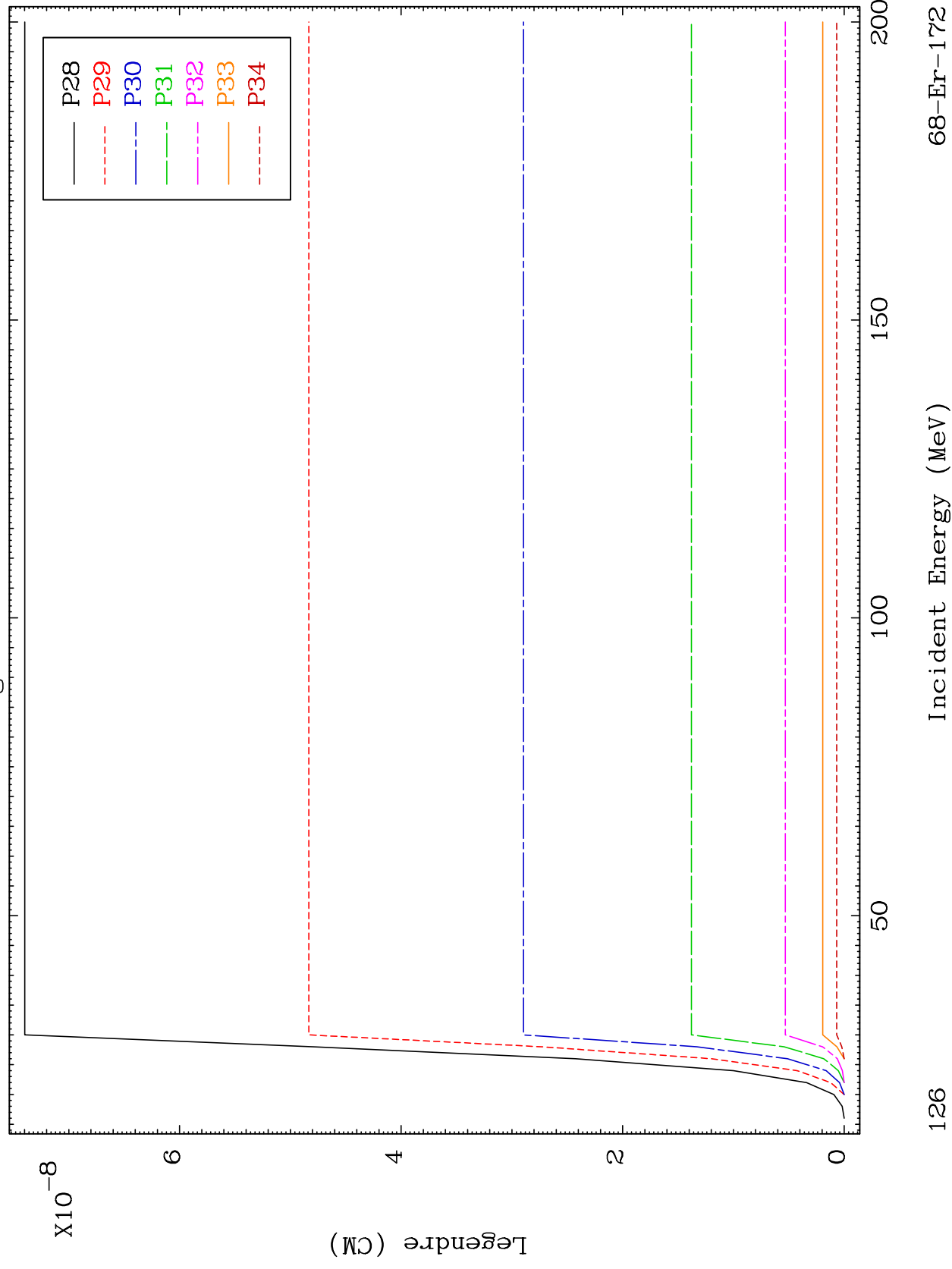
Incident Energy (MeV)

125

MAT 6855

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

68-Er-172



126

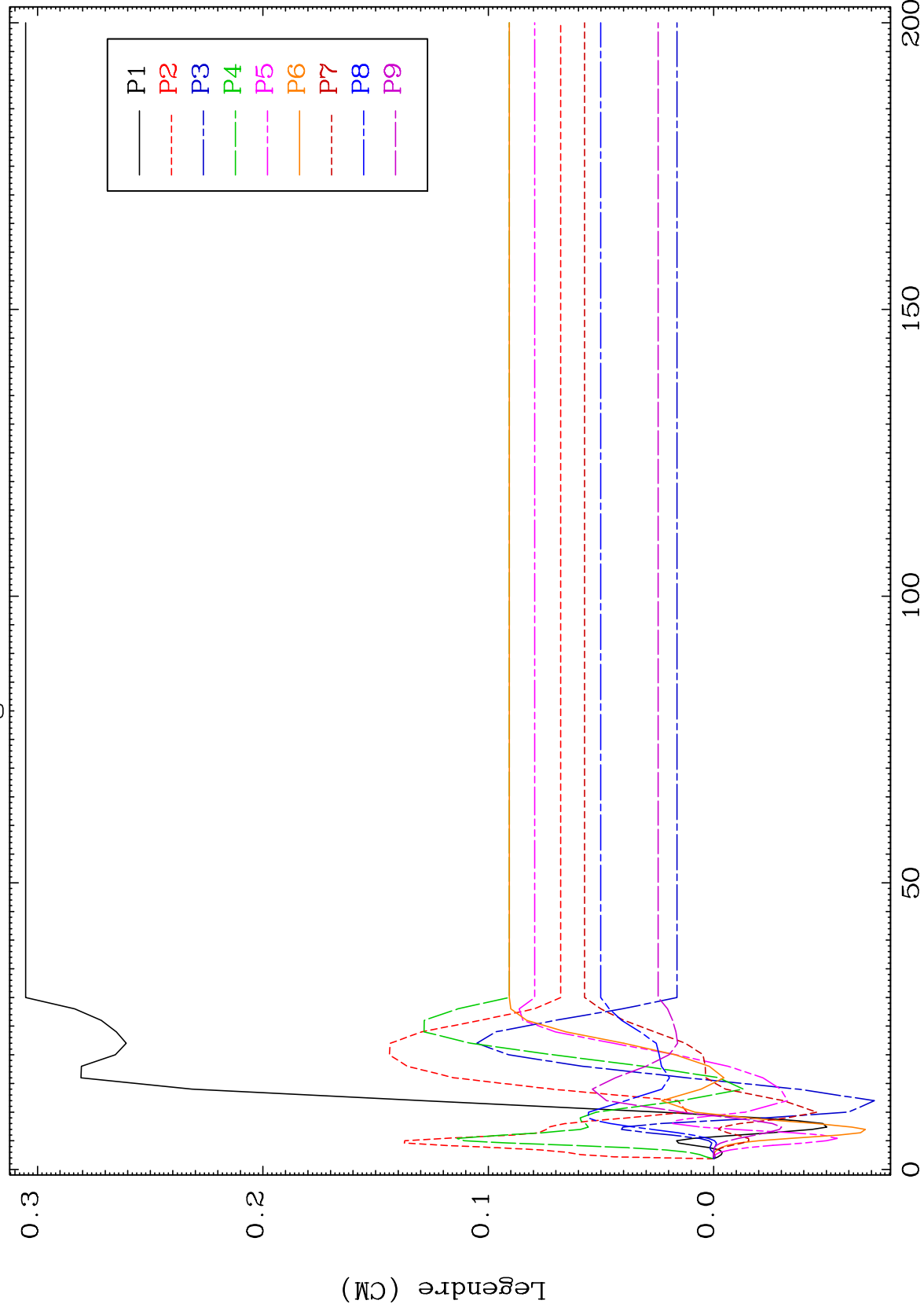
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



68-Er-172

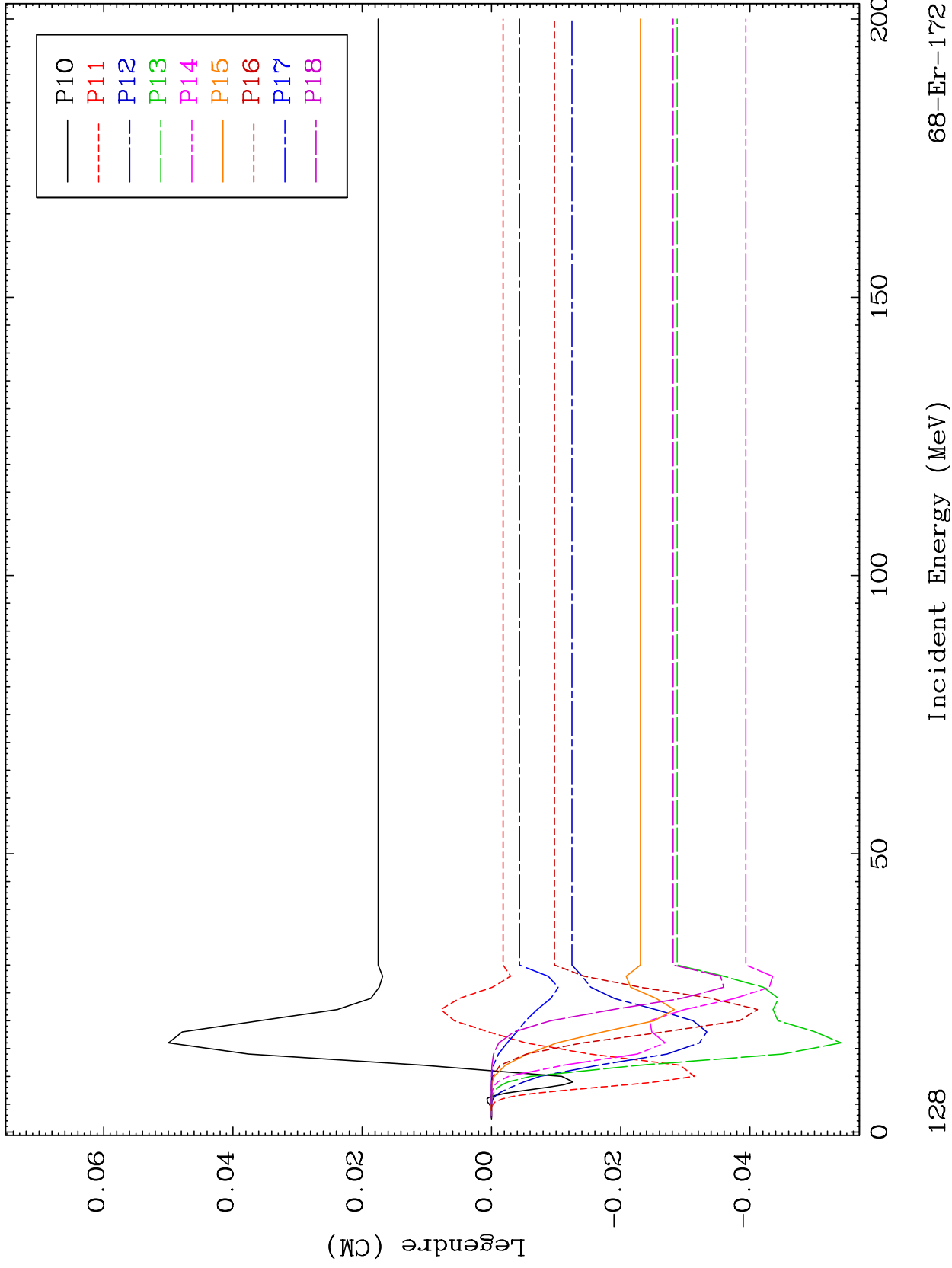
Incident Energy (MeV)

127

MAT 6855

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

68-Er-172



68-Er-172

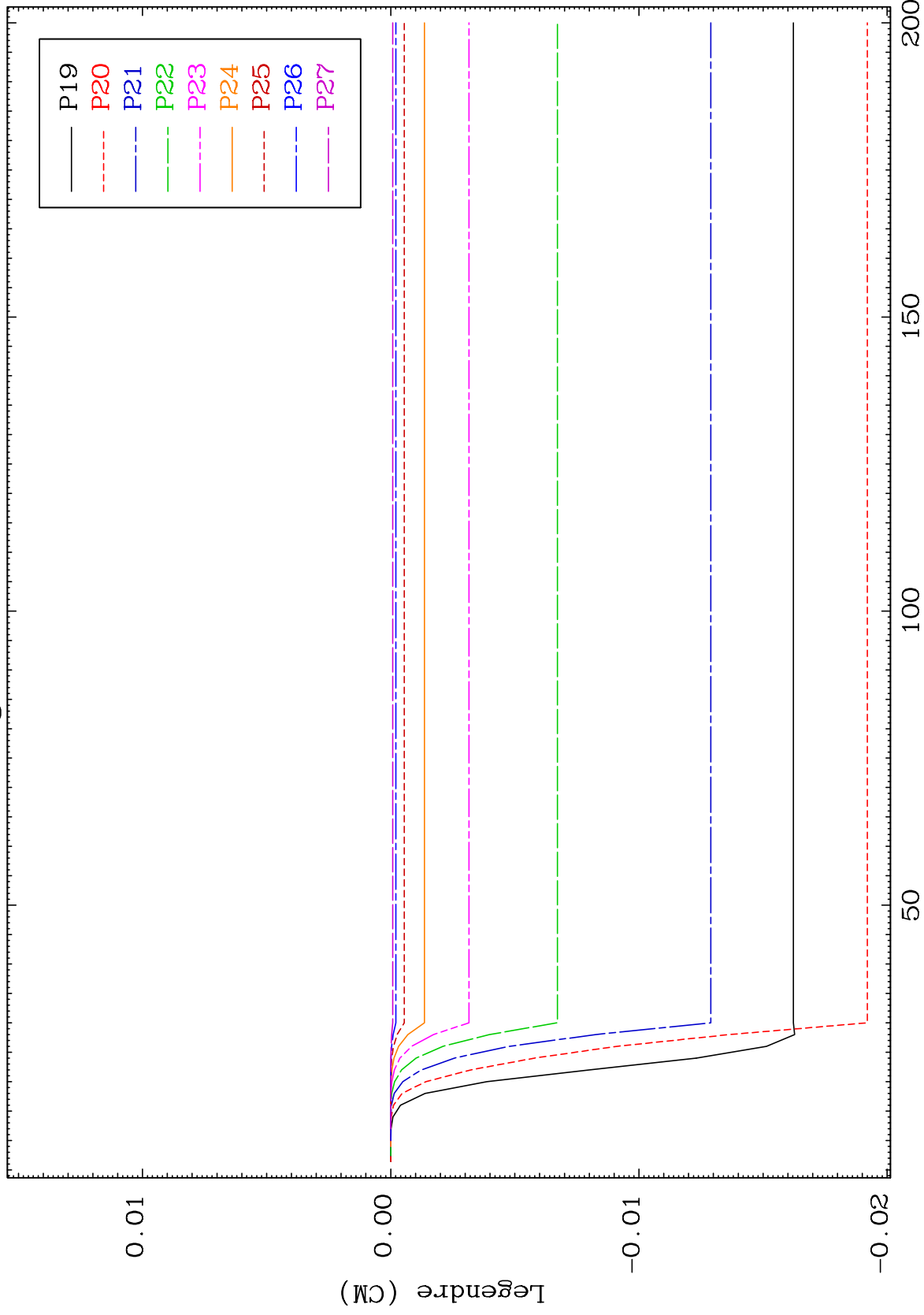
Incident Energy (MeV)

128

MAT 6855

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

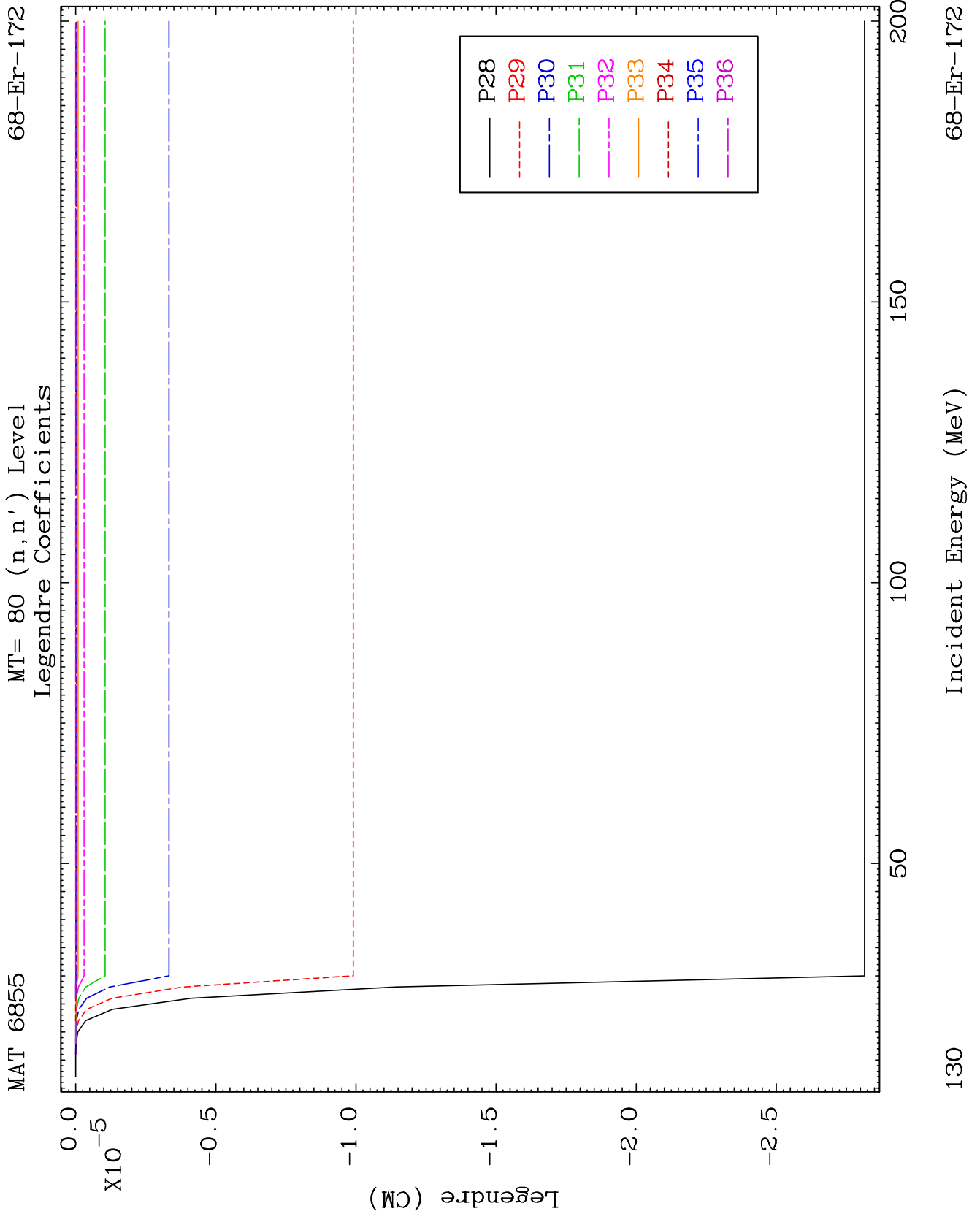
68-Er-172



129

Incident Energy (MeV)

68-Er-172

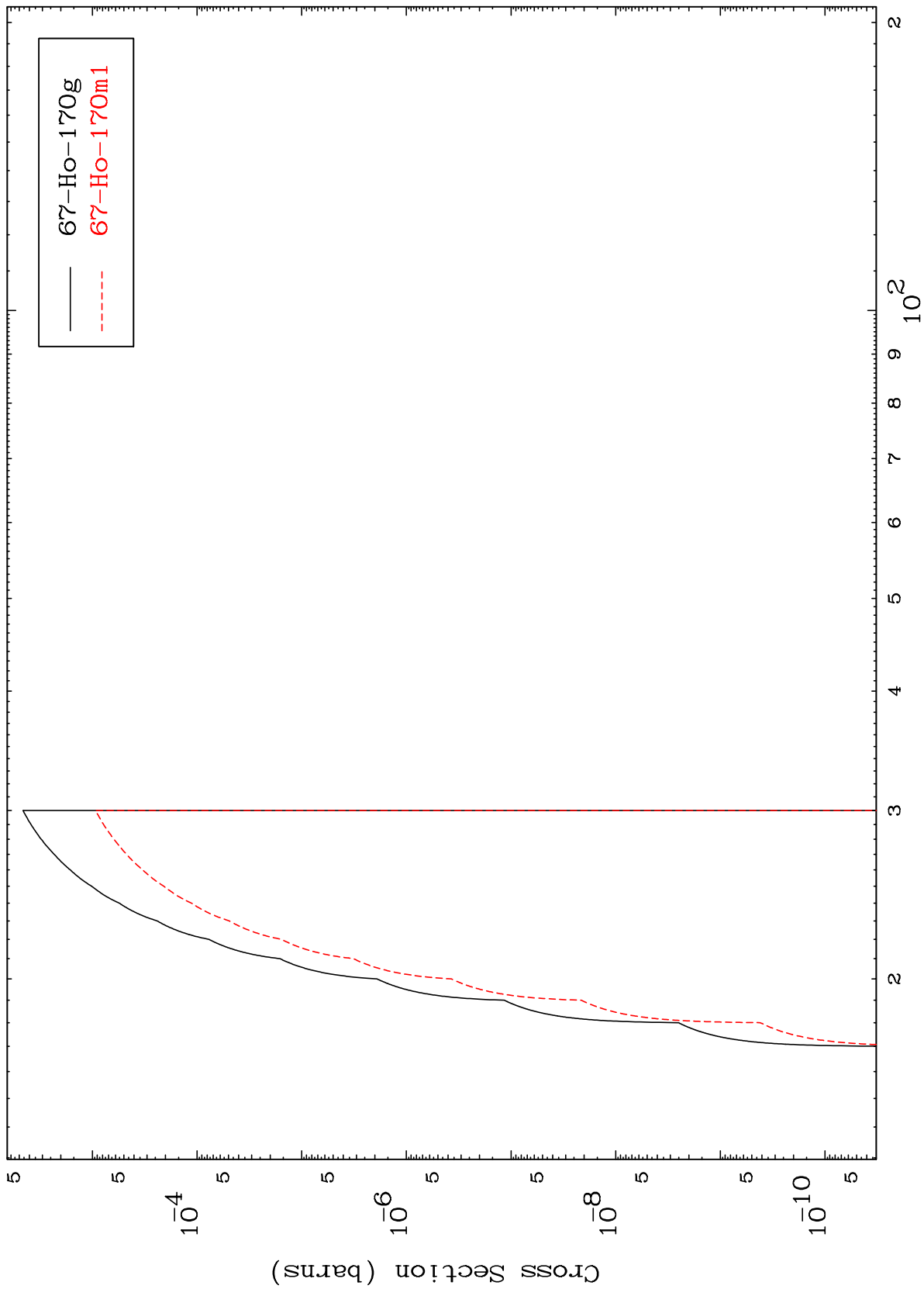


MAT 6855

(n,n') d

68-Er-172

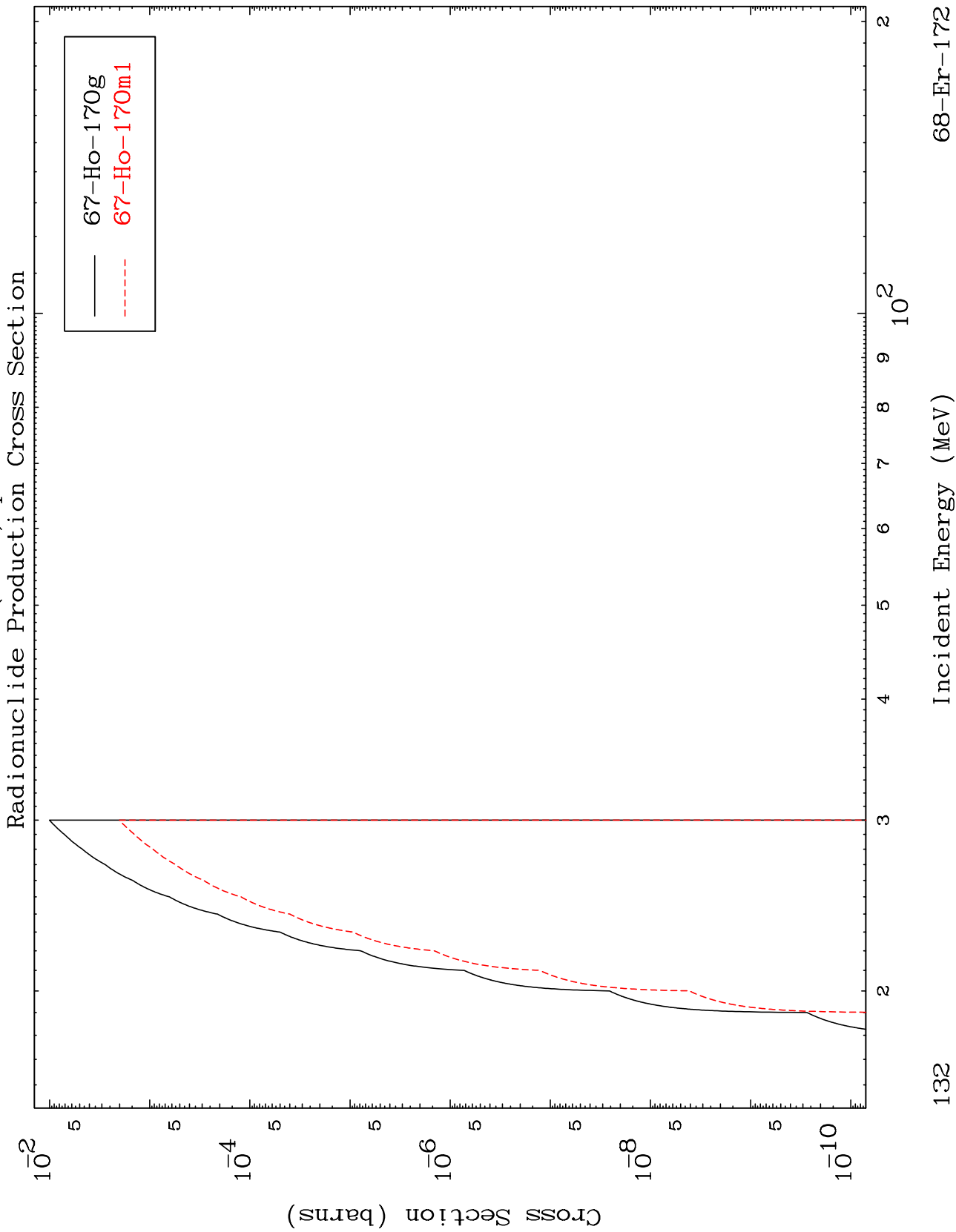
Radionuclide Production Cross Section



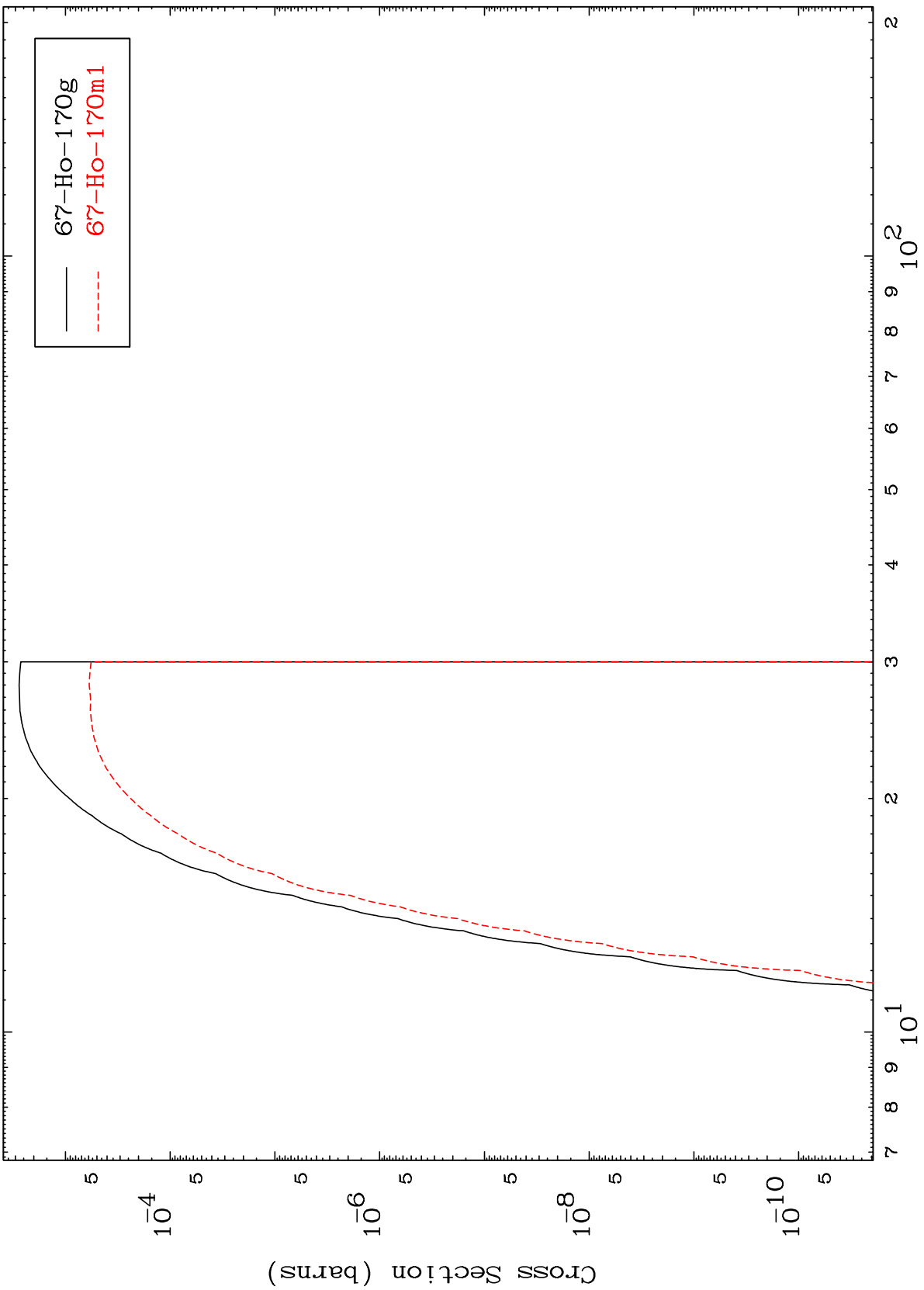
131

Incident Energy (MeV)

68-Er-172



(n, t)
Radionuclide Production Cross Section



67-Ho-170g
67-Ho-170m1