

Program EVALPLOT
(Version 2021-1)

by

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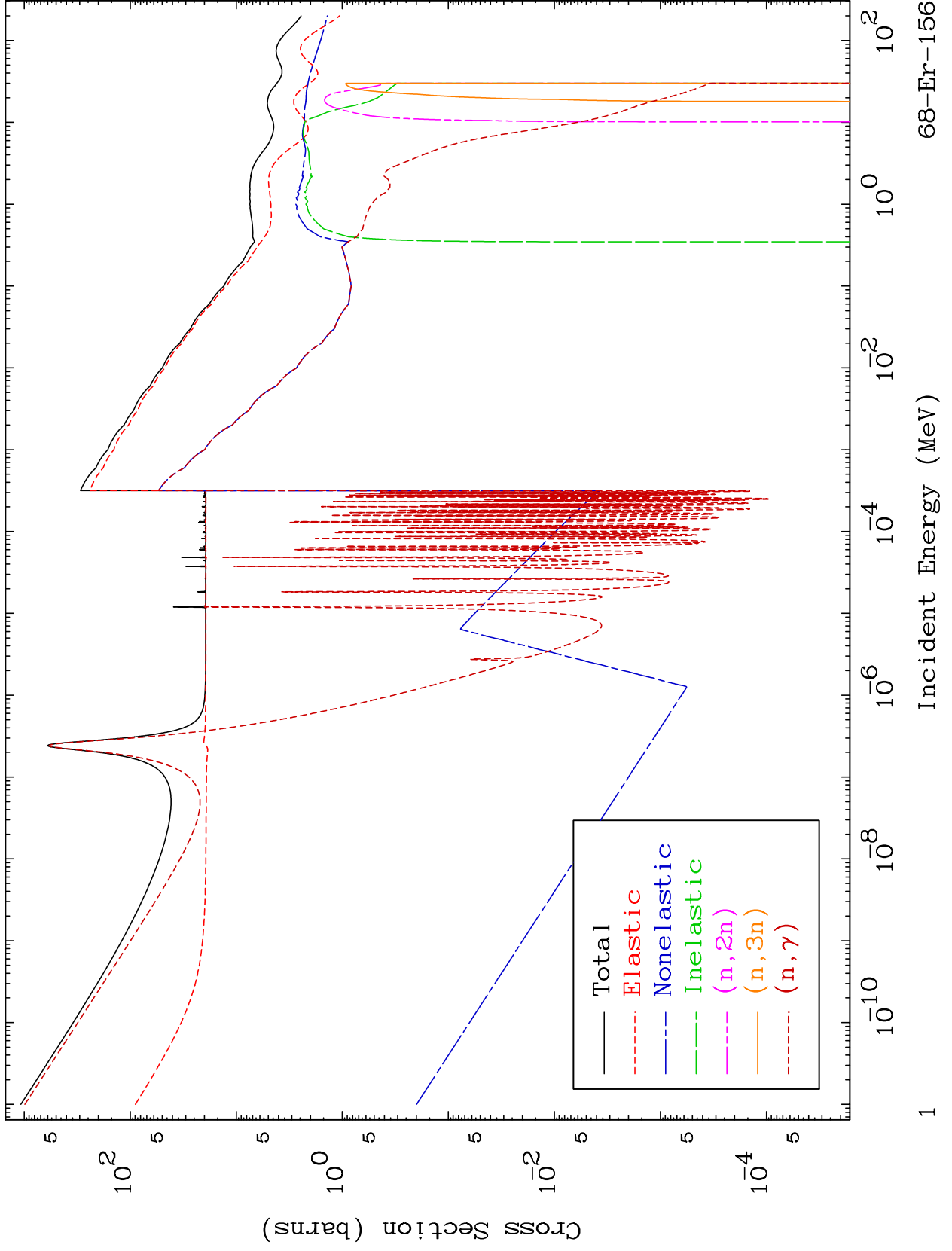
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Press Mouse Button to Start

MAT 6807

Neutron Major
293 Kelvin Cross Sections

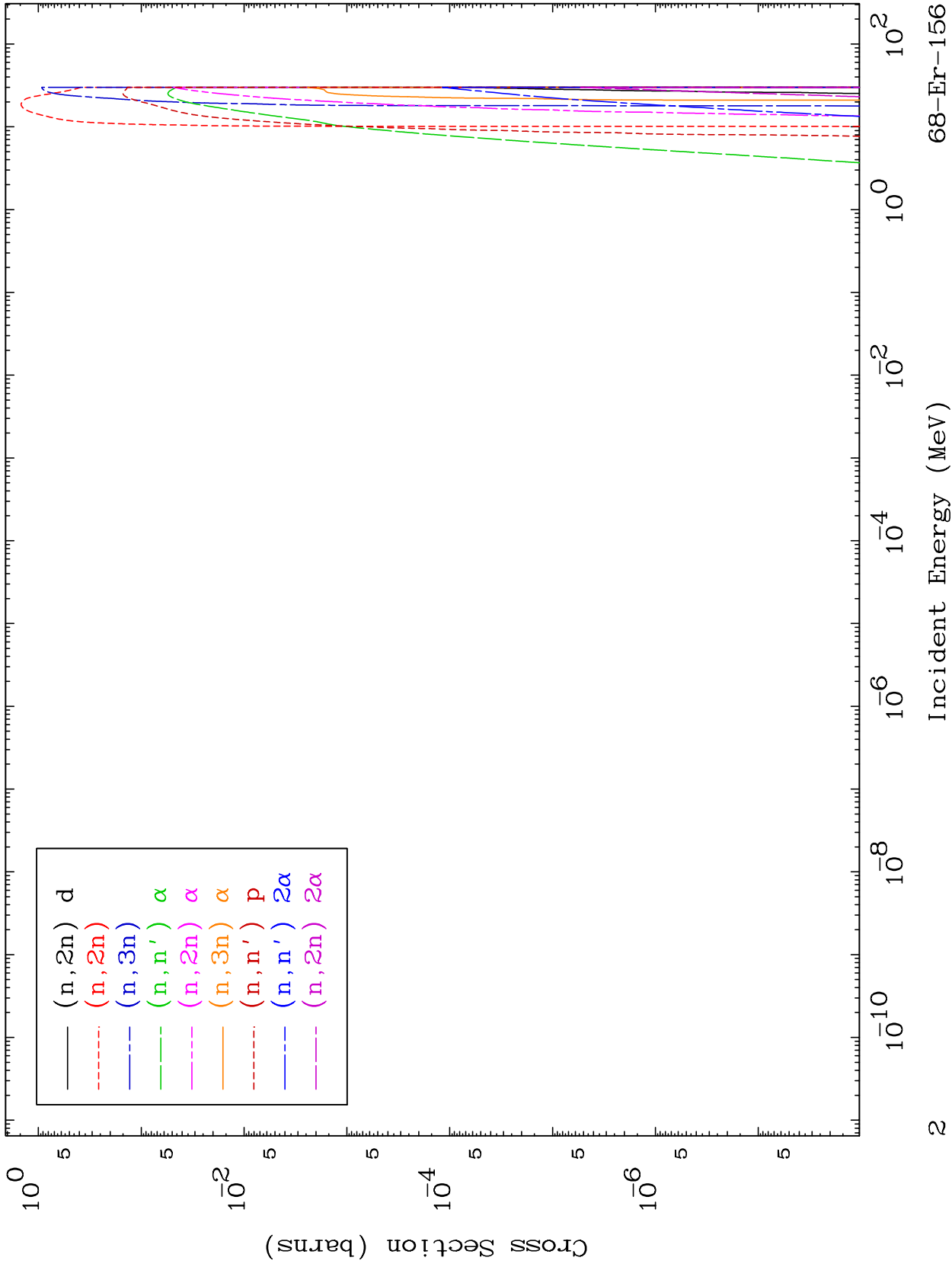
68-Er-156

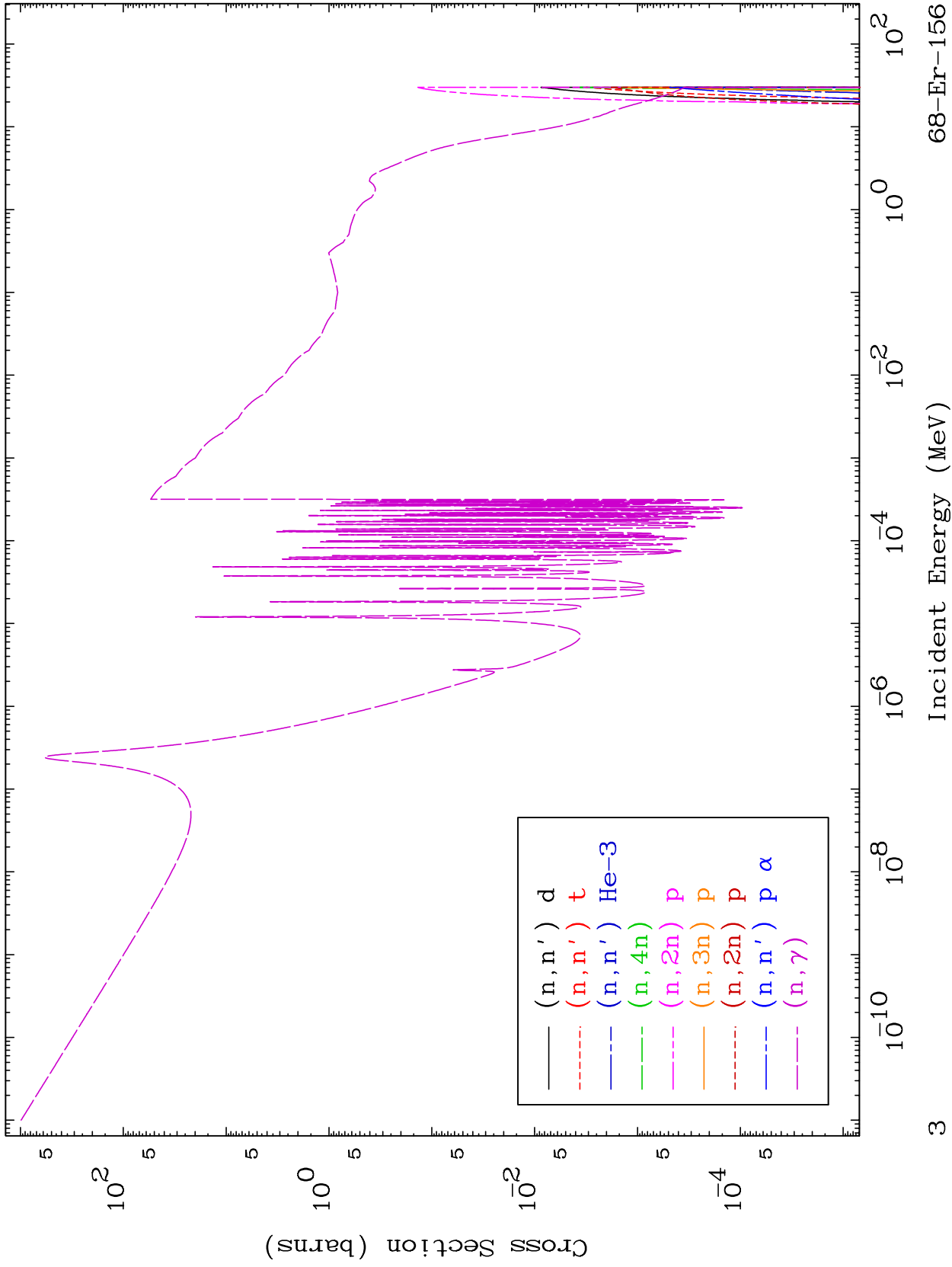


MAT 6807

Neutron Absorption
293 Kelvin Cross Sections

68-Er-156

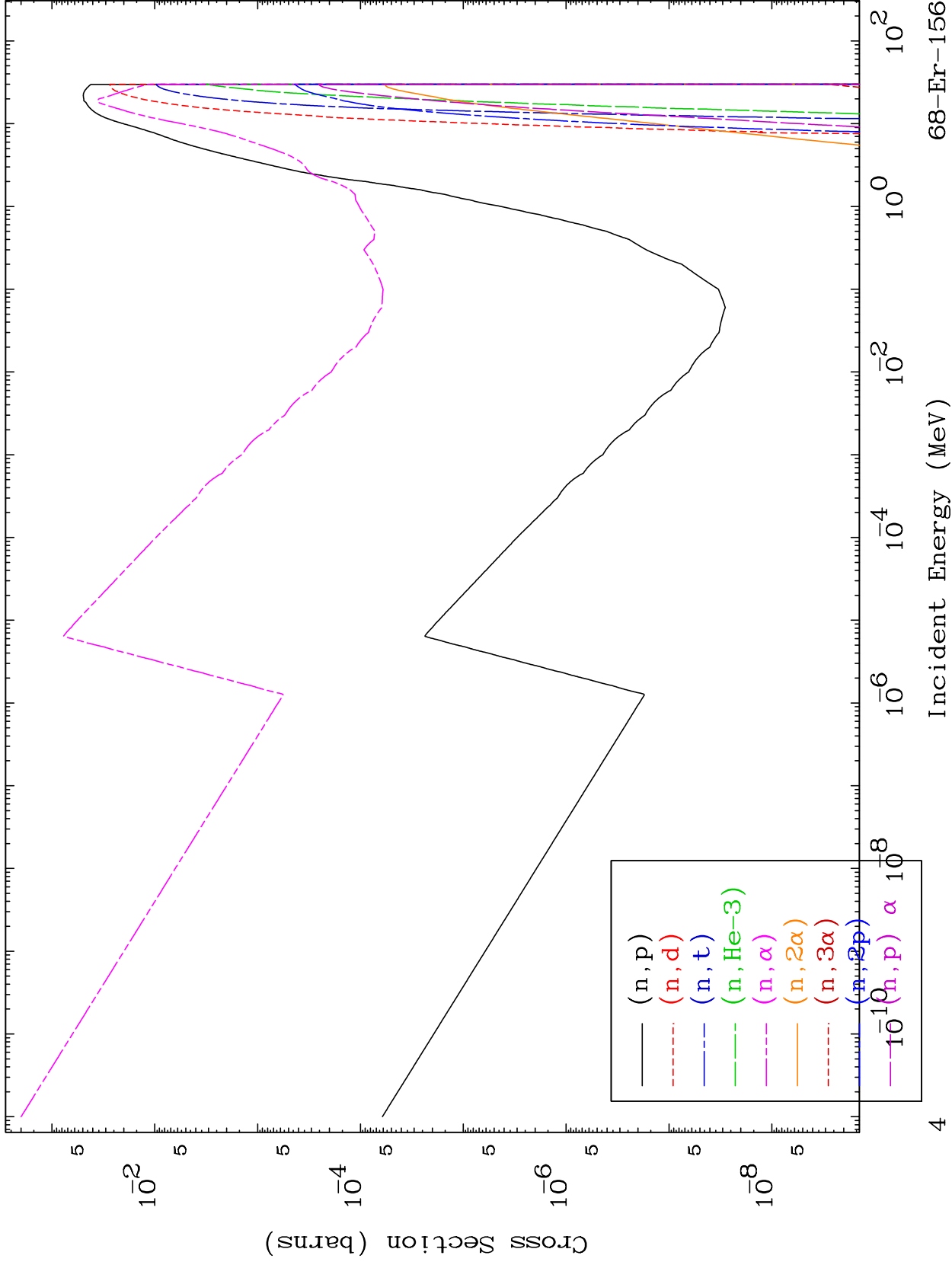


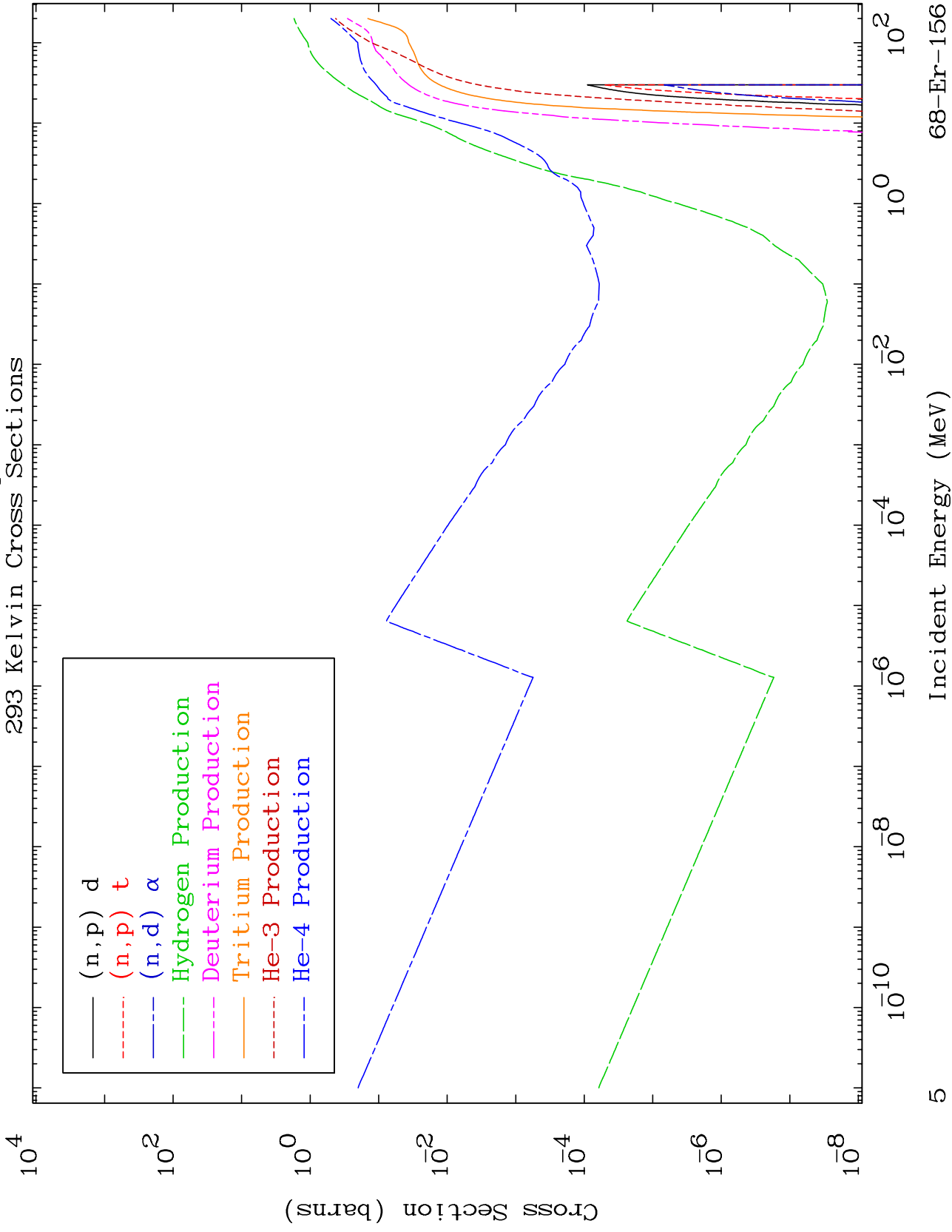


MAT 6807

Neutron Absorption
293 Kelvin Cross Sections

68-Er-156

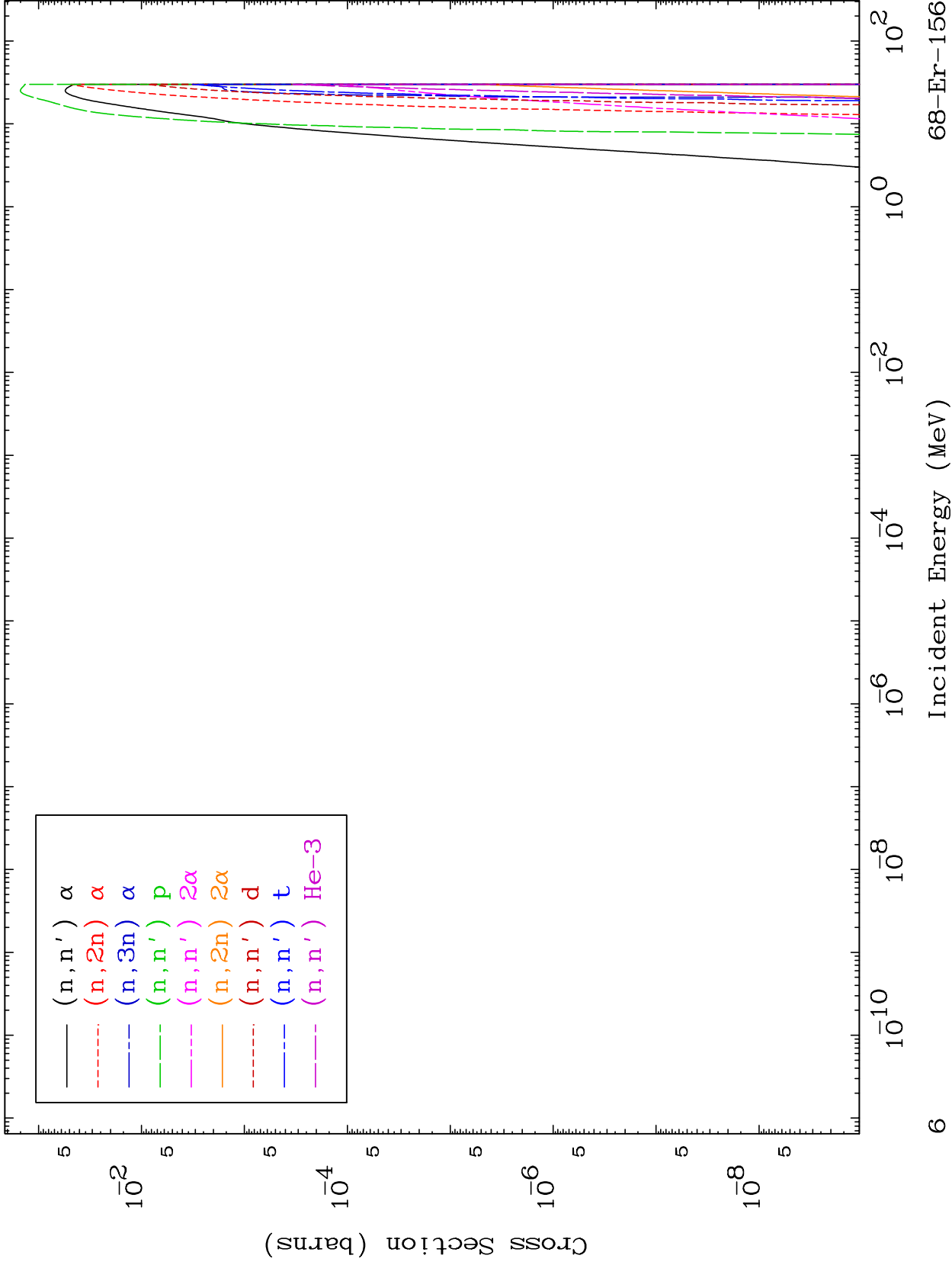




MAT 6807

Charged Particle
293 Kelvin Cross Sections

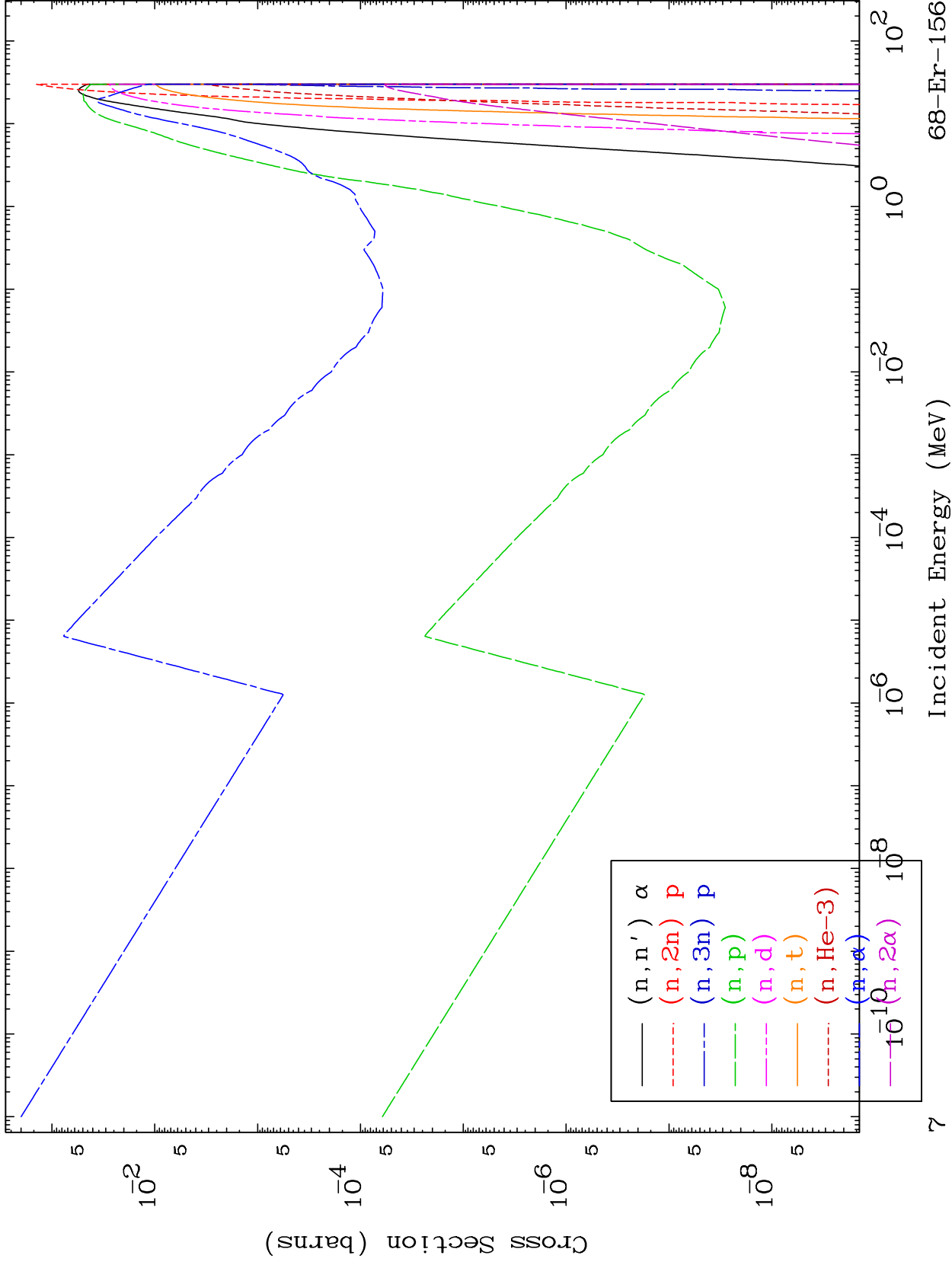
68-Er-156



MAT 6807

Charged Particle
293 Kelvin Cross Sections

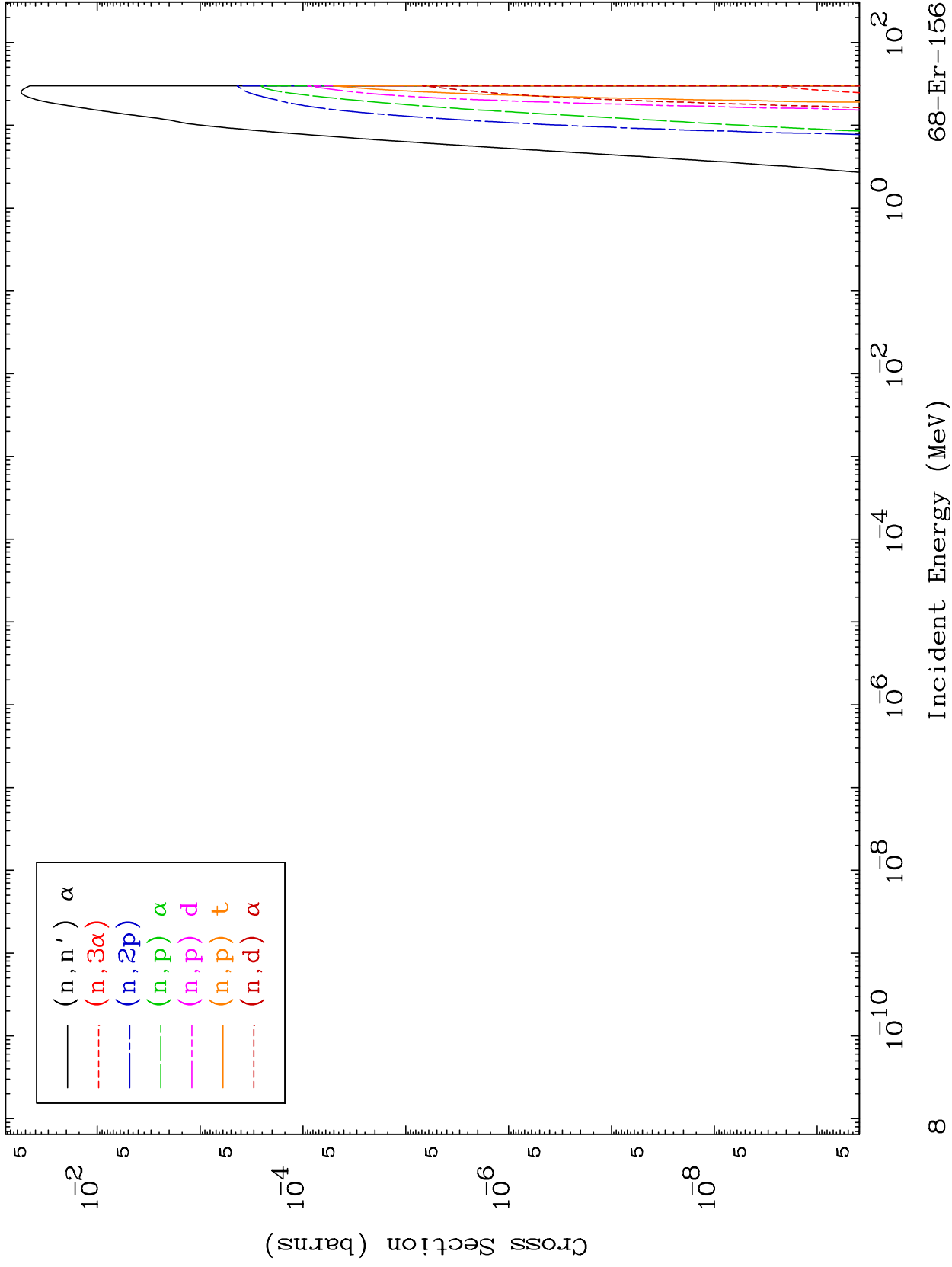
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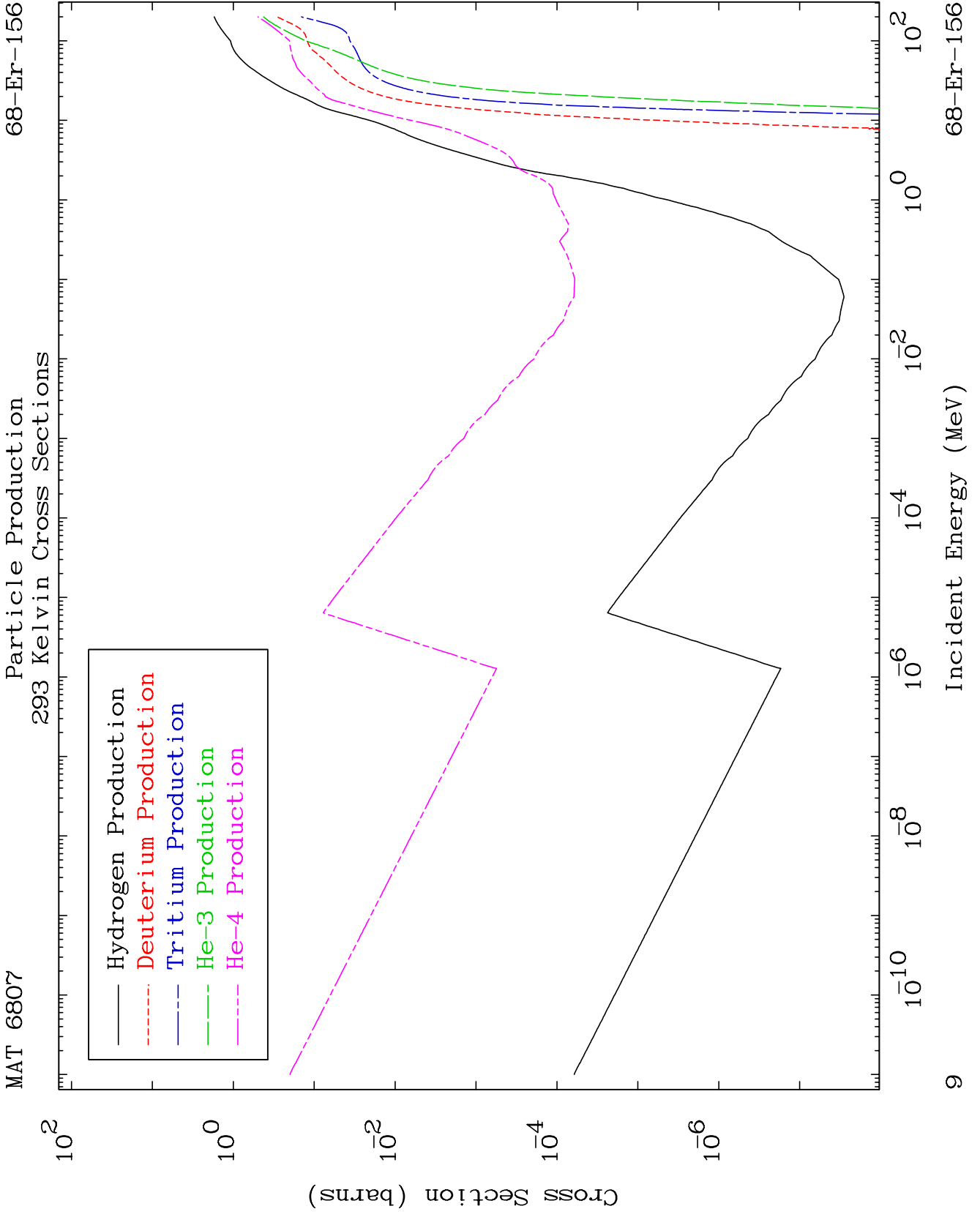


MAT 6807

Charged Particle
293 Kelvin Cross Sections

68-Er-156



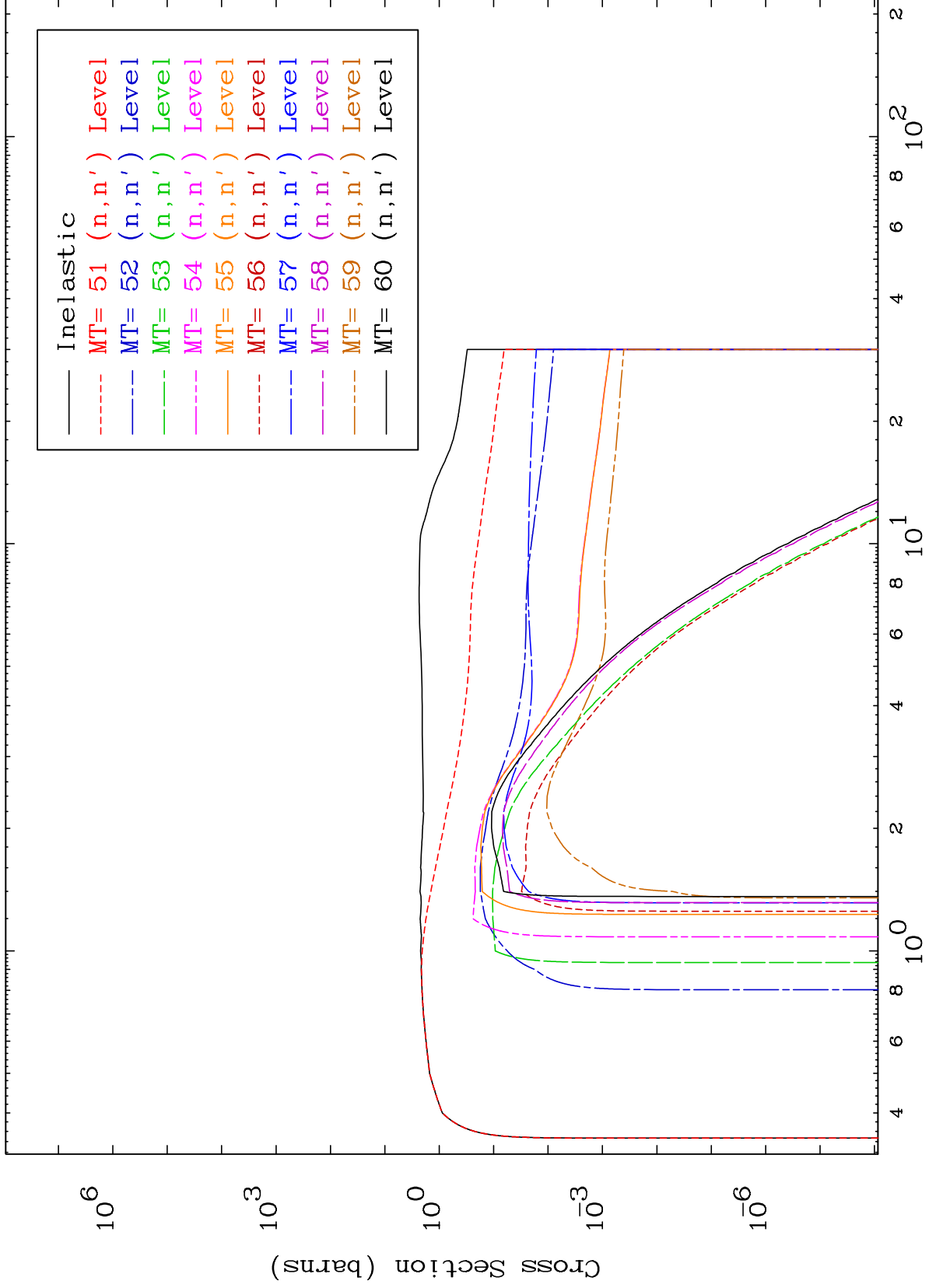


MAT 6807

(n,n') Levels

68-Er-156

293 Kelvin Cross Sections

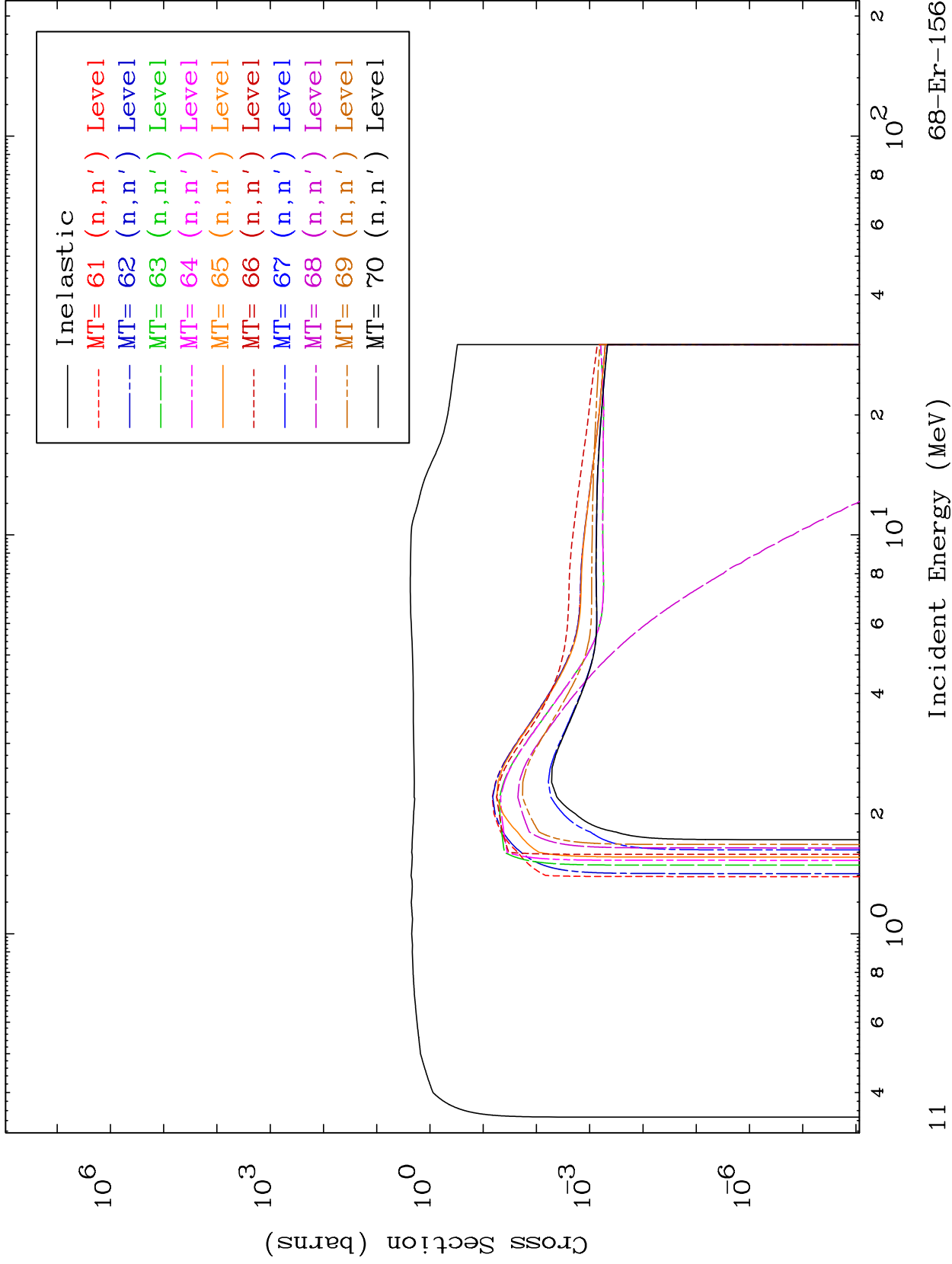


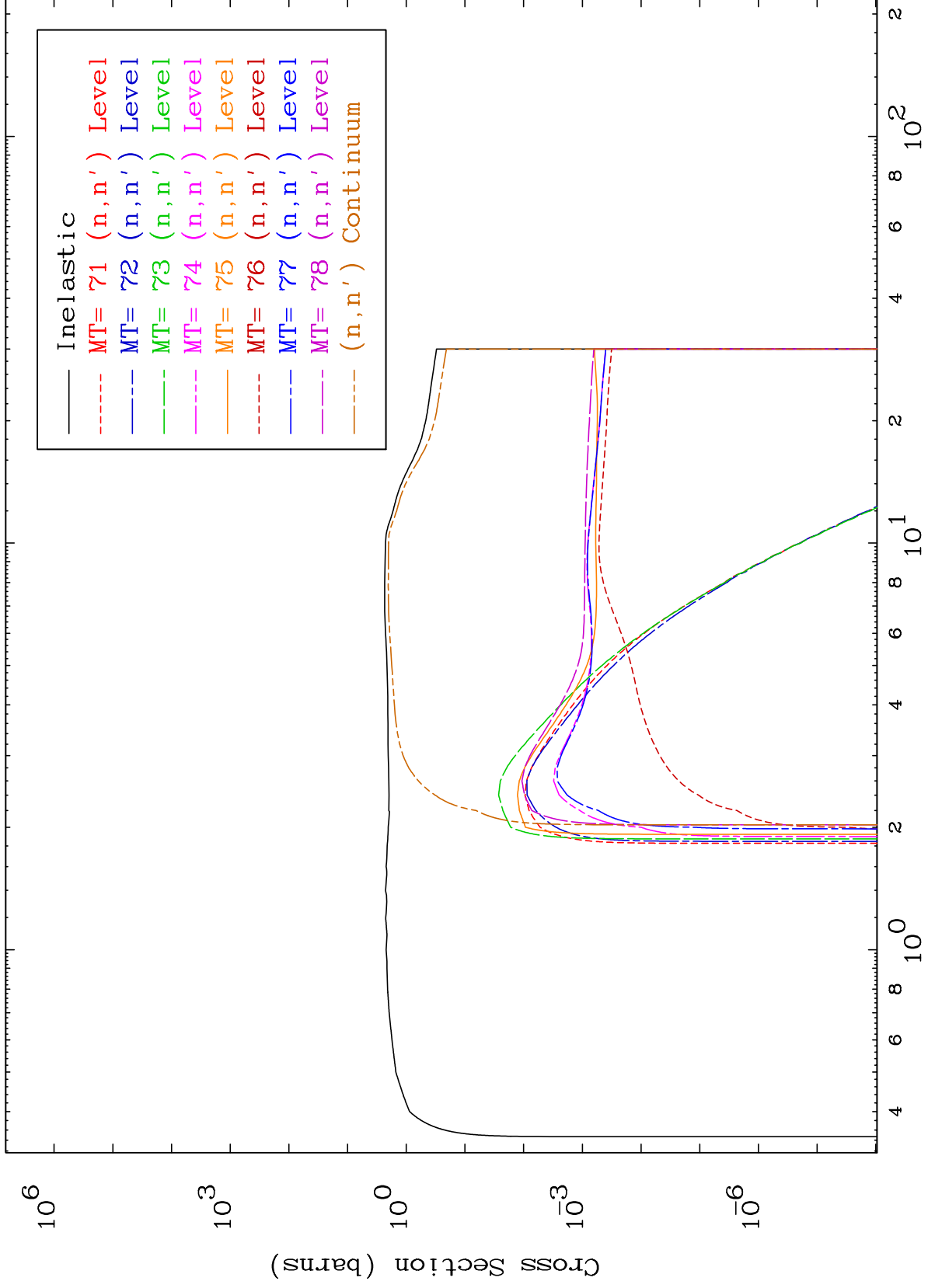
10

Incident Energy (MeV)

68-Er-156

293 Kelvin Cross Sections

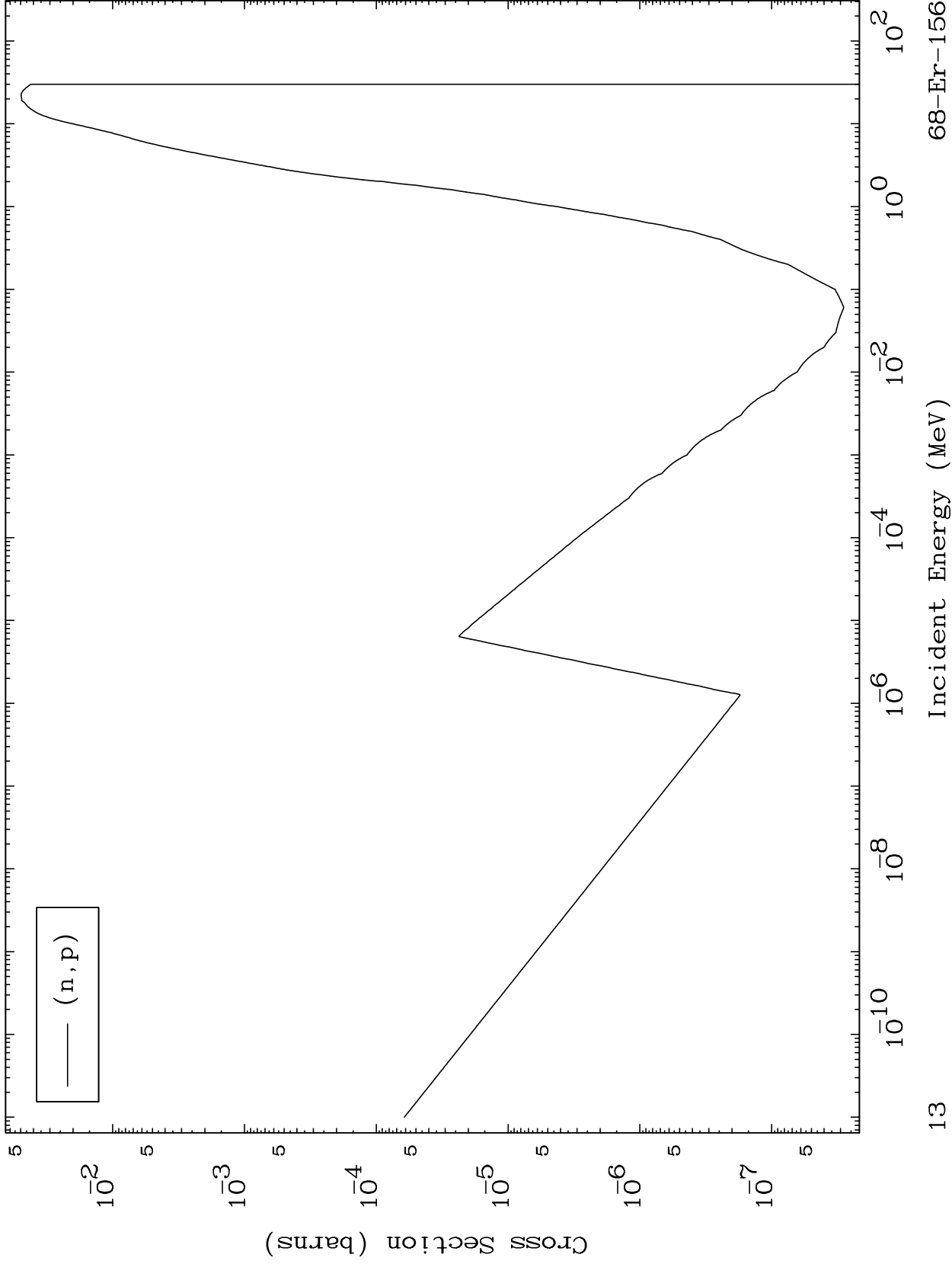




MAT 6807

(n,p) Levels
293 Kelvin Cross Sections

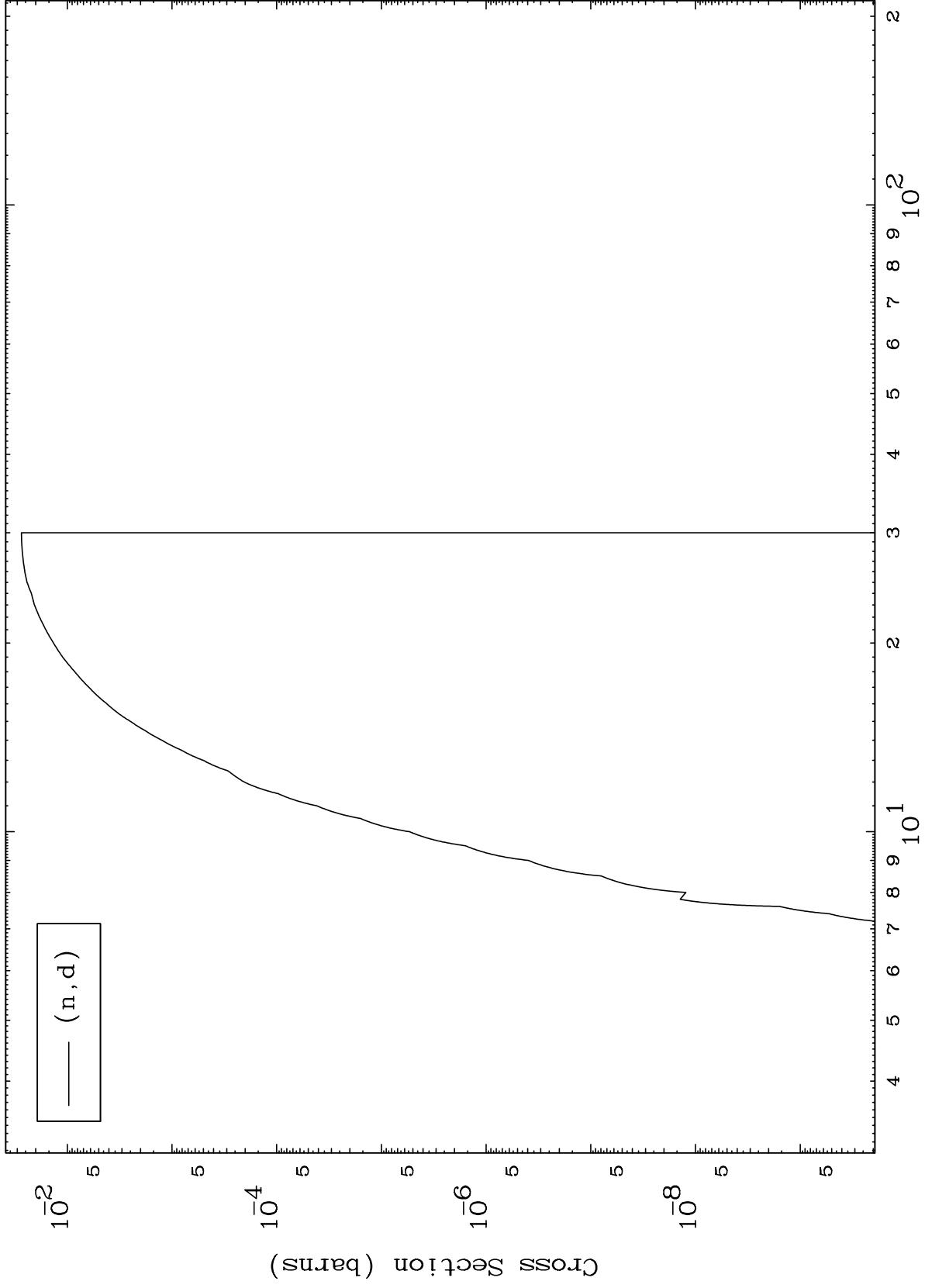
68-Er-156



MAT 6807

(n,d) Levels
293 Kelvin Cross Sections

68-Er-156



14

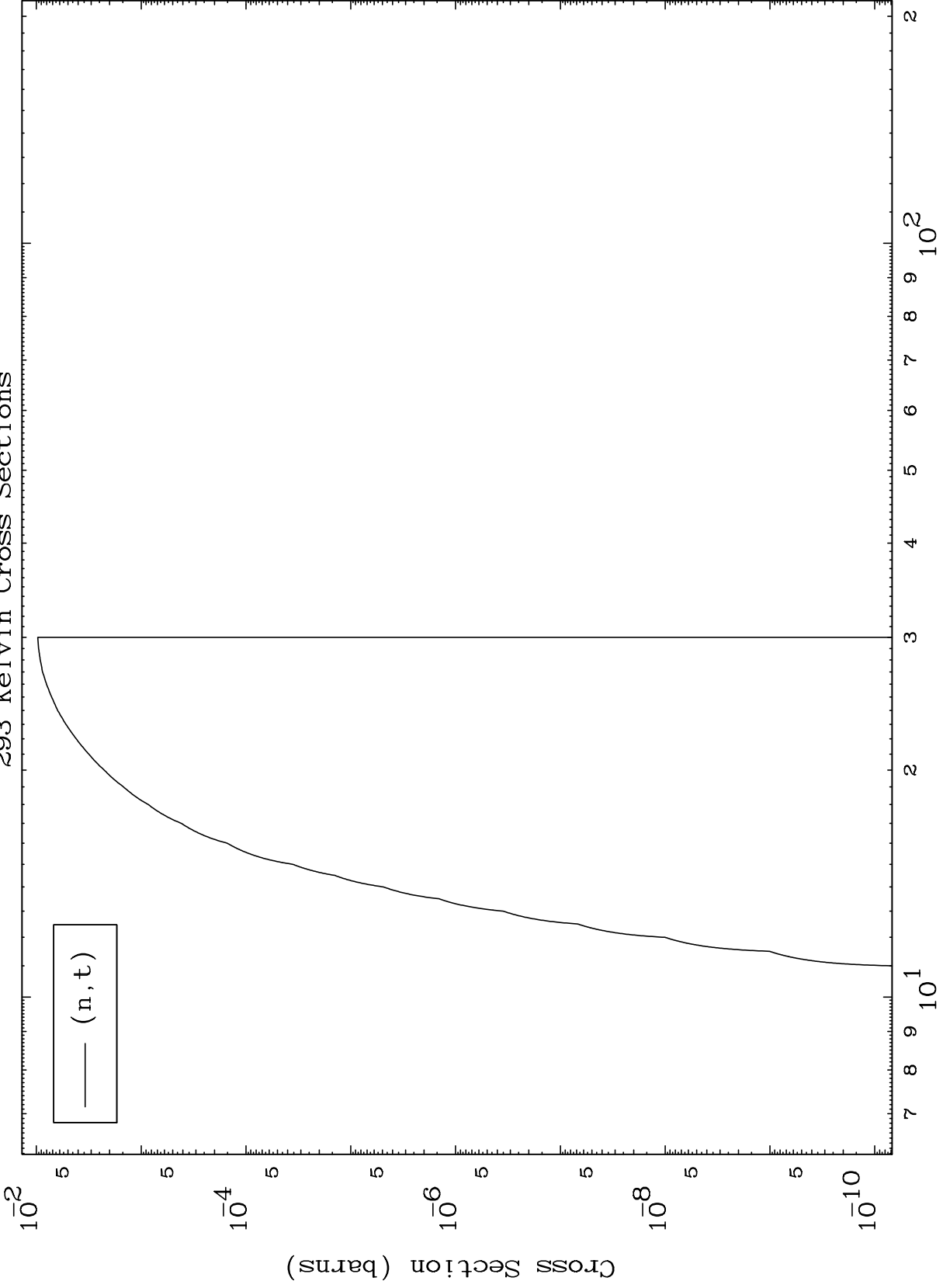
Incident Energy (MeV)

68-Er-156

MAT 6807

(n,t) Levels
293 Kelvin Cross Sections

68-Er-156



15

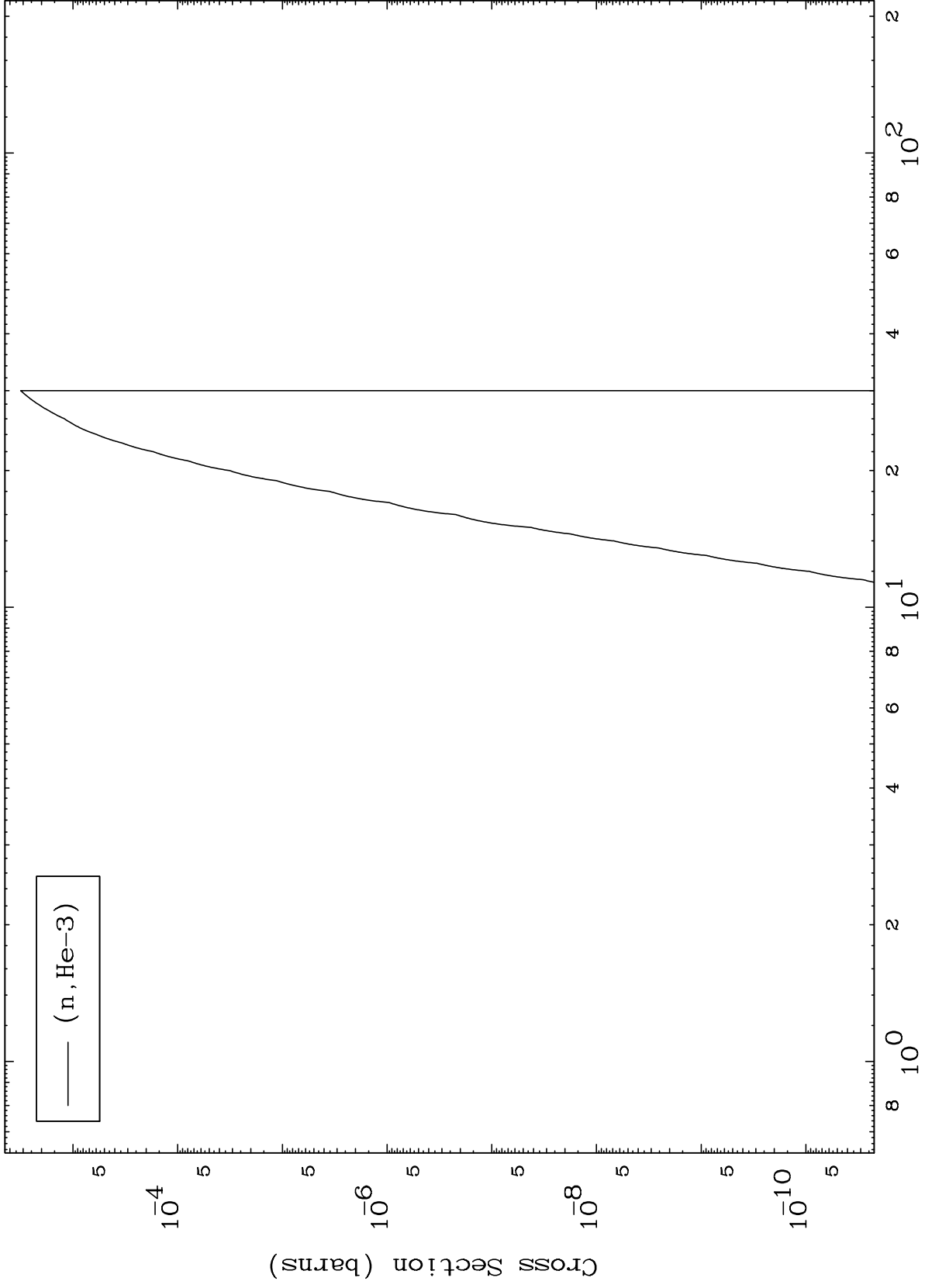
Incident Energy (MeV)

68-Er-156

MAT 6807

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-156



16

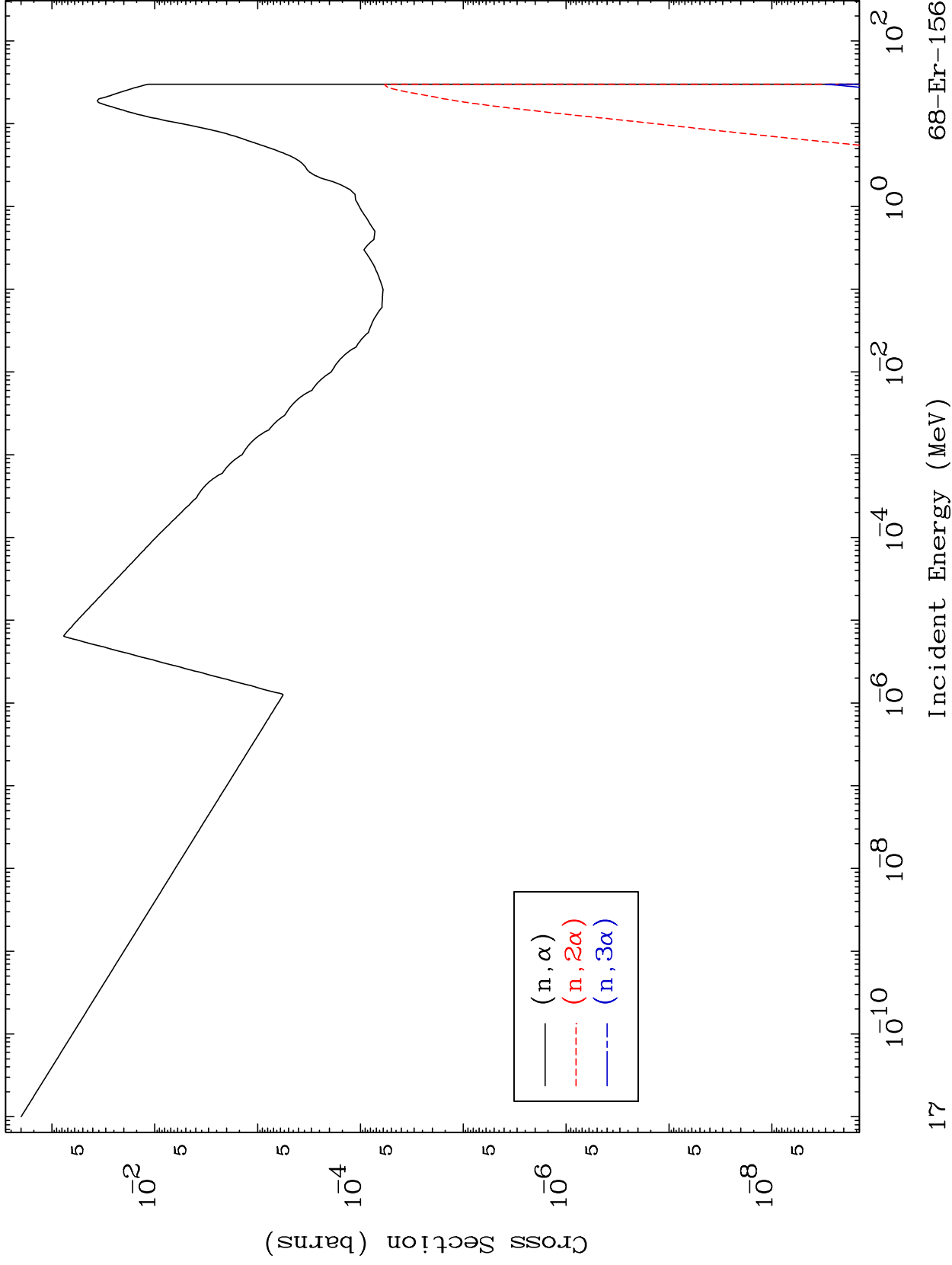
Incident Energy (MeV)

68-Er-156

MAT 6807

(n, α) Levels
293 Kelvin Cross Sections

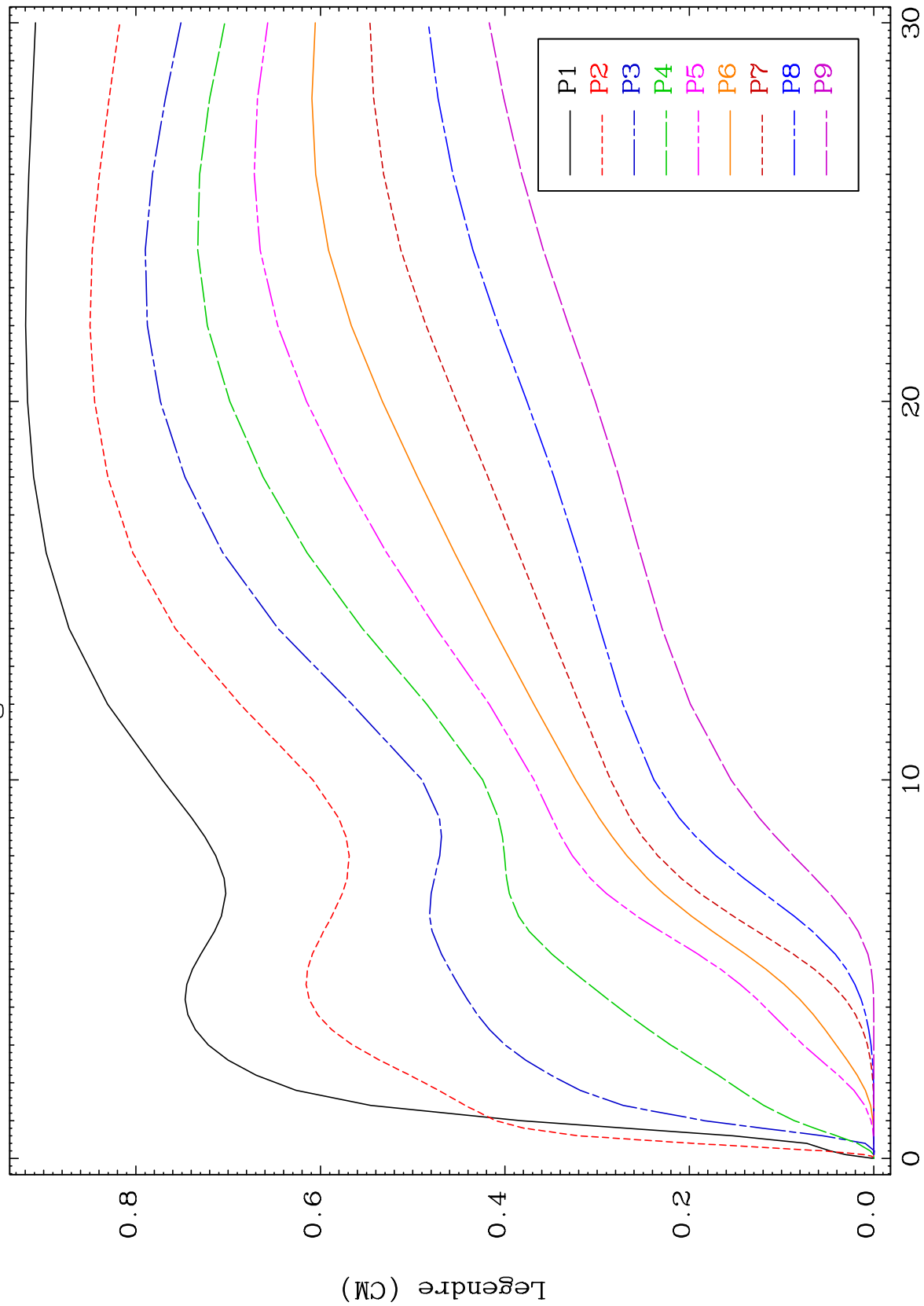
68-Er-156



MAT 6807

Elastic Legendre Coefficients

68-Er-156

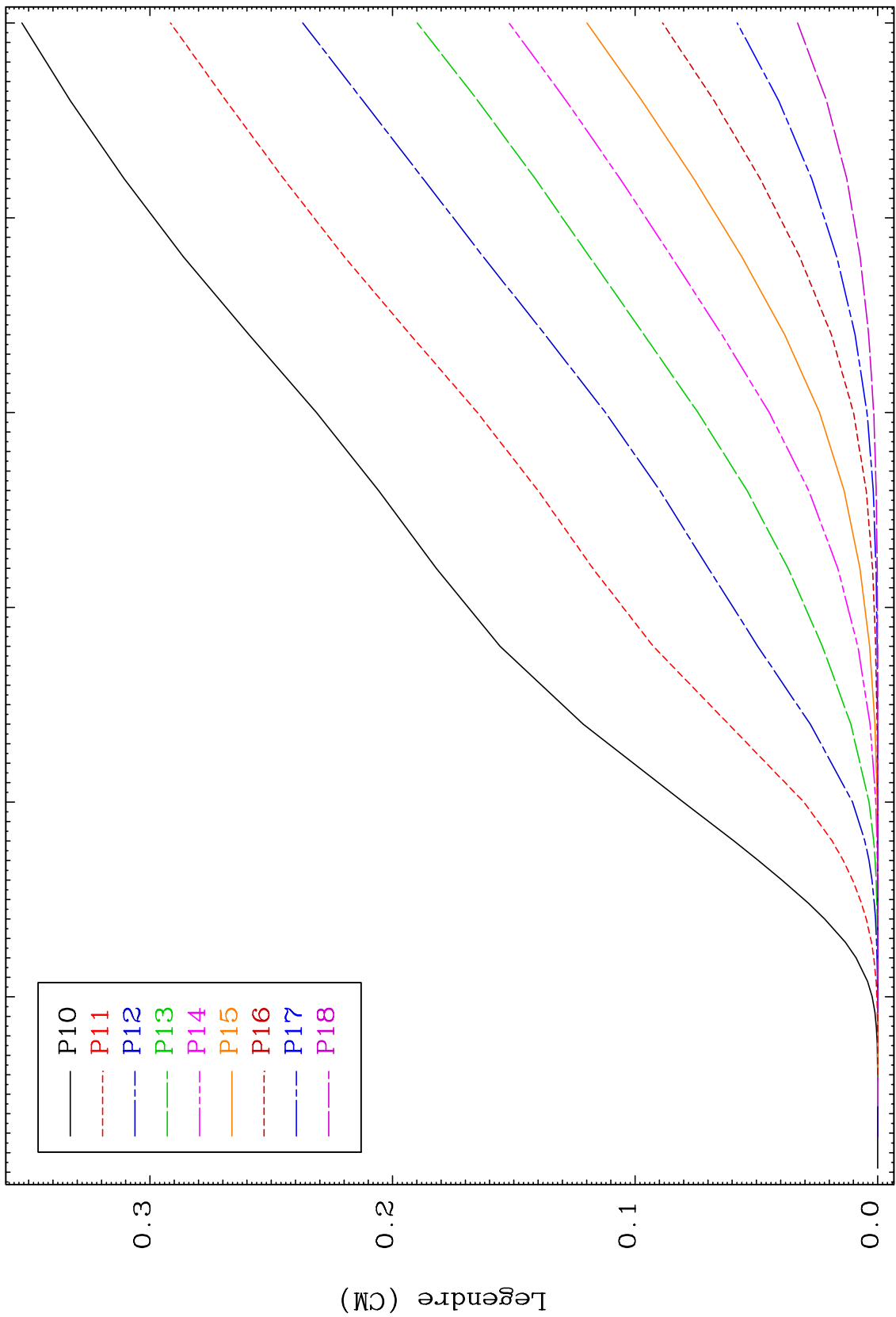


18

Incident Energy (MeV)

68-Er-156

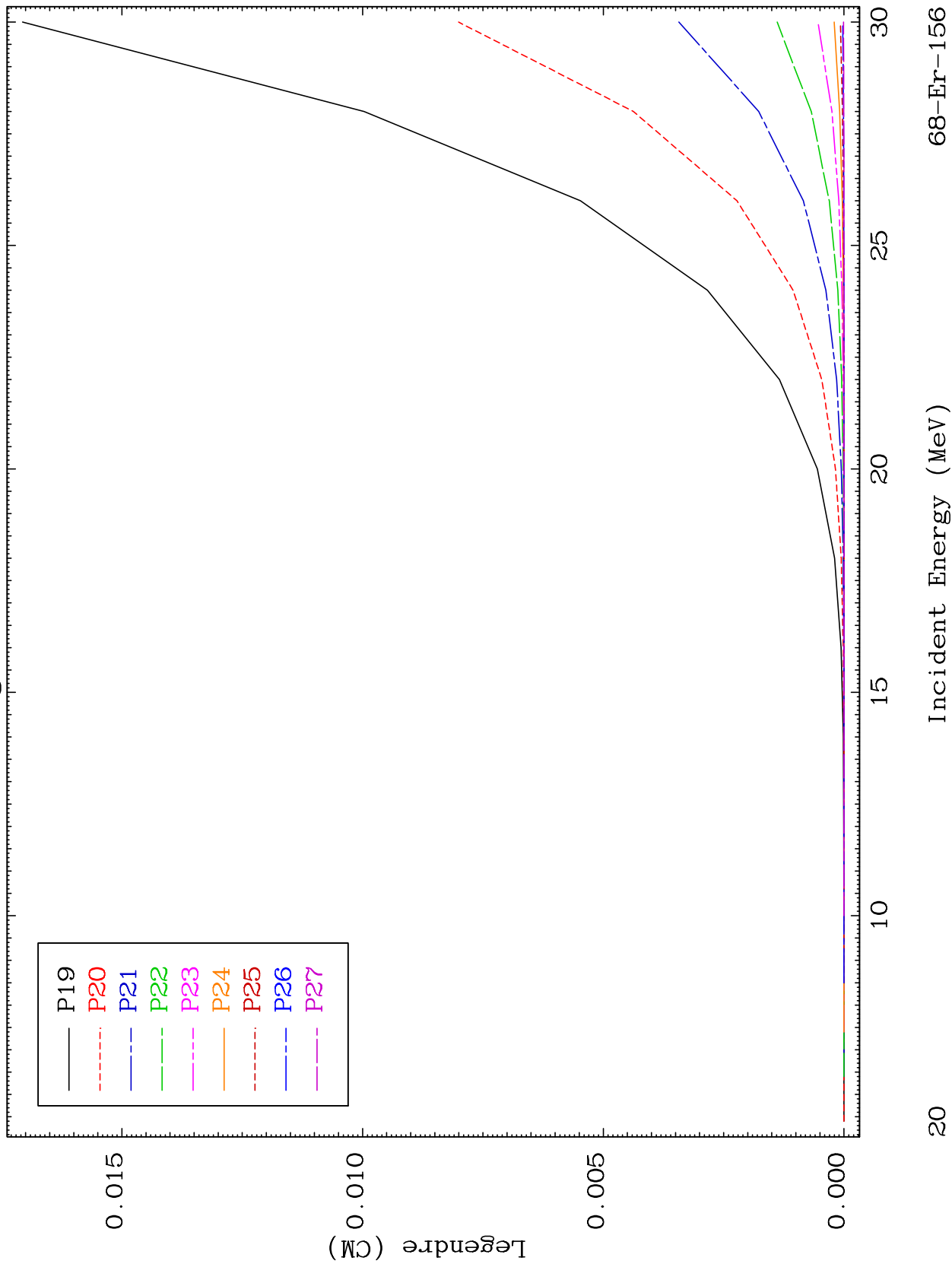
Elastic Legendre Coefficients



MAT 6807

Elastic Legendre Coefficients

68-Er-156



20

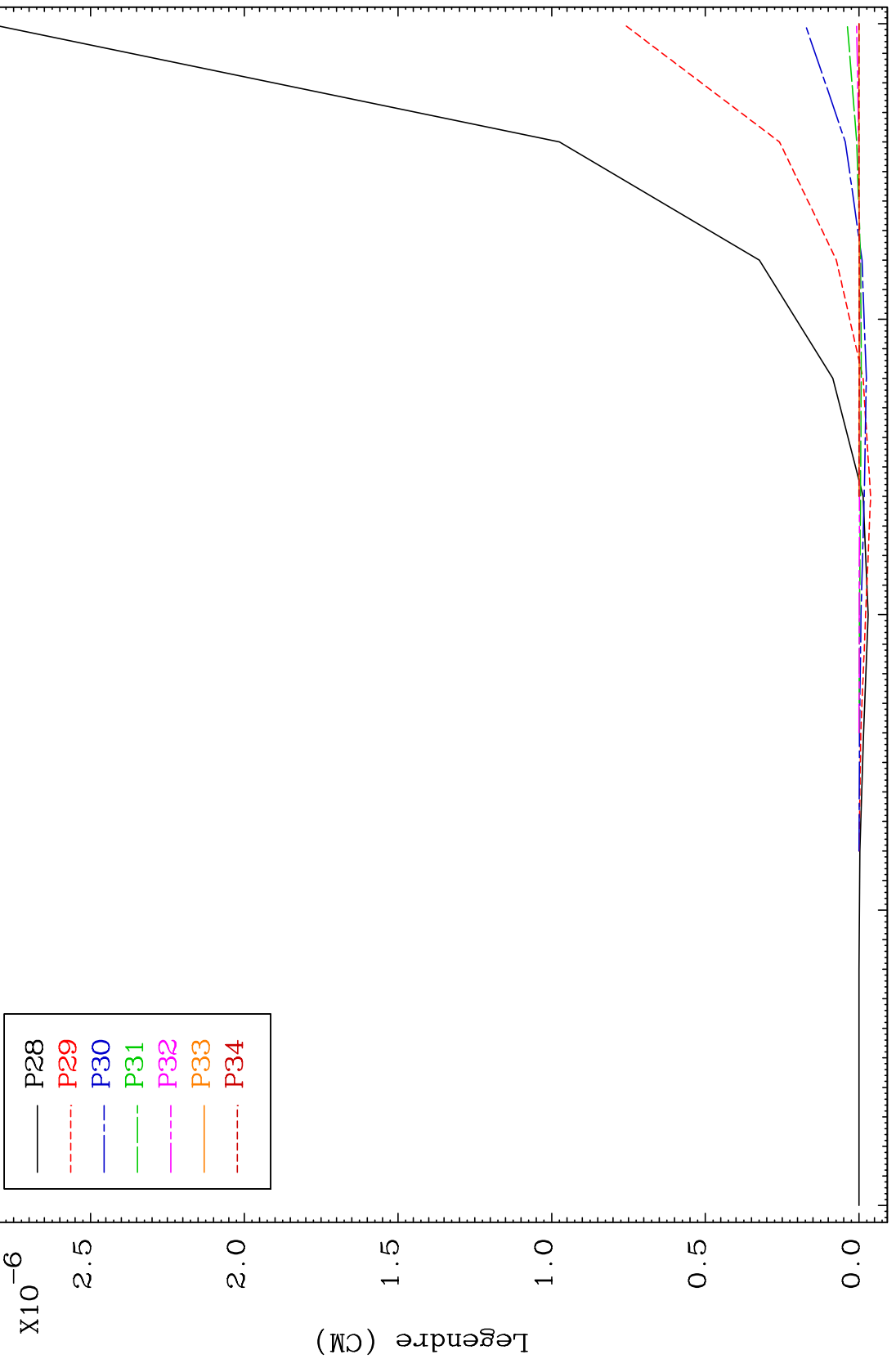
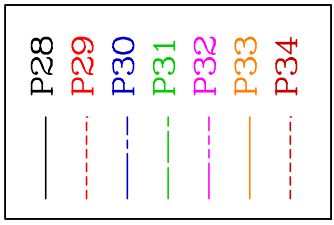
Incident Energy (MeV)

68-Er-156

MAT 6807

Elastic Legendre Coefficients

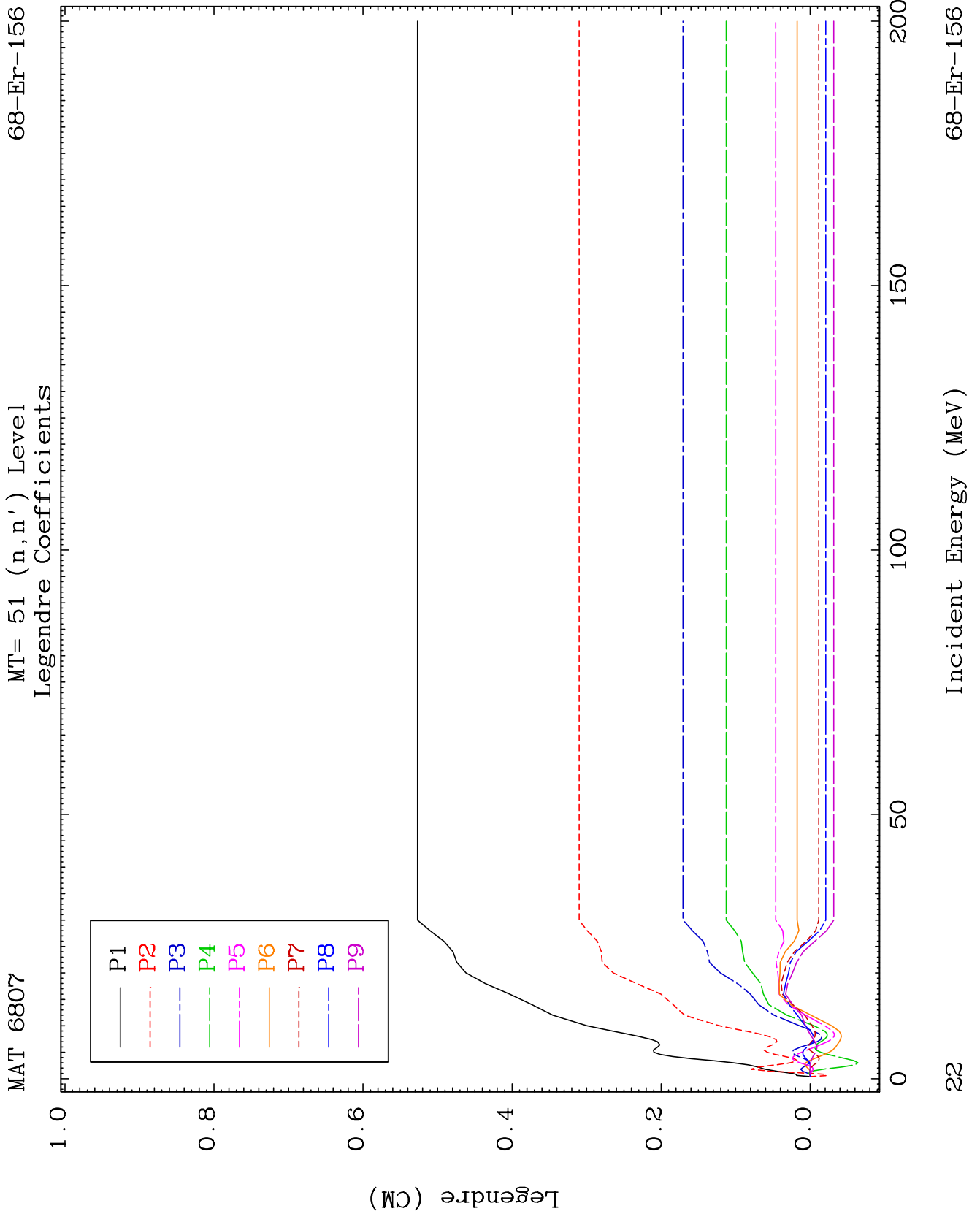
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21

Incident Energy (MeV)

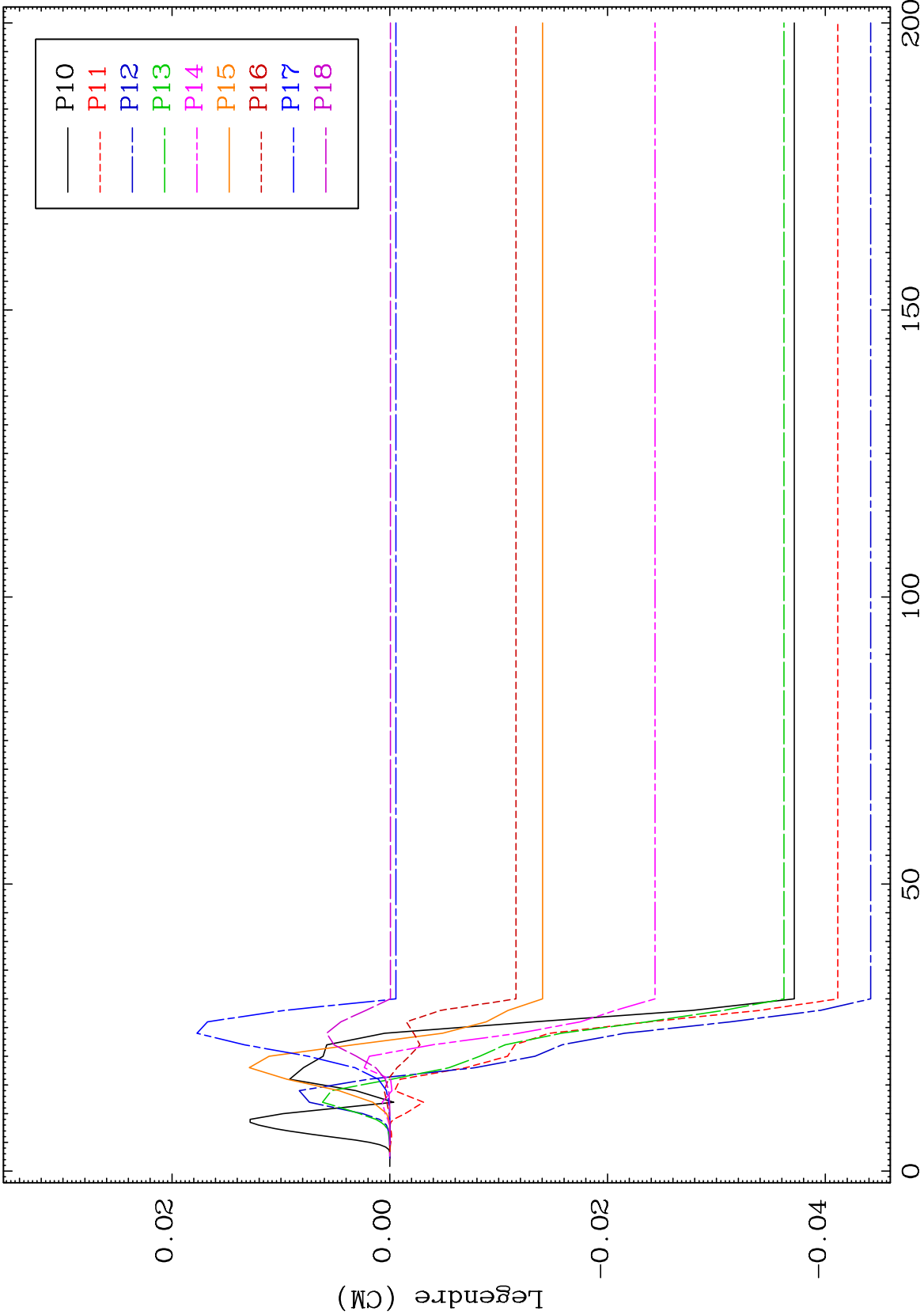
68-Er-156



MAT 6807

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

68-Er-156



23

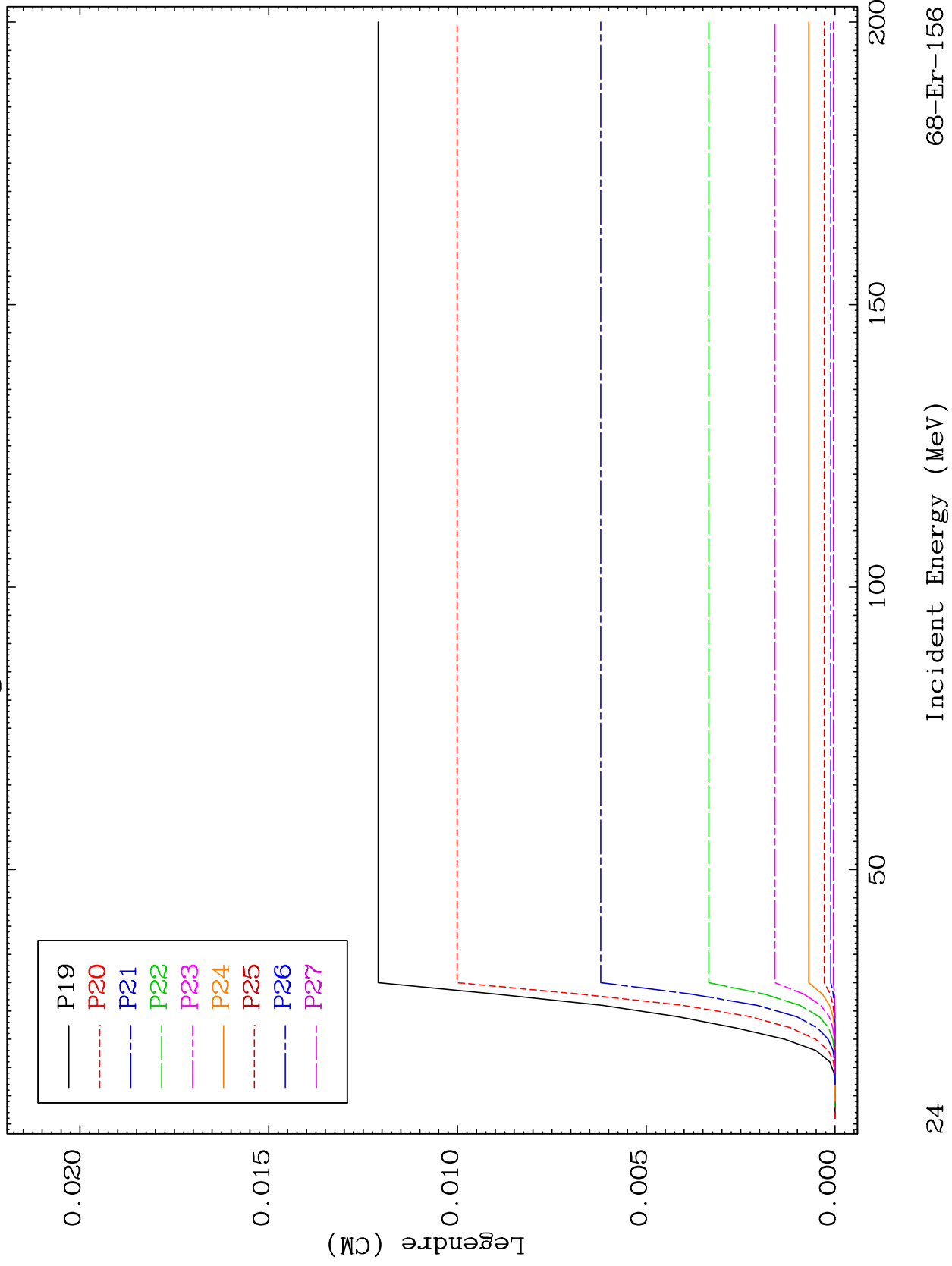
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



24

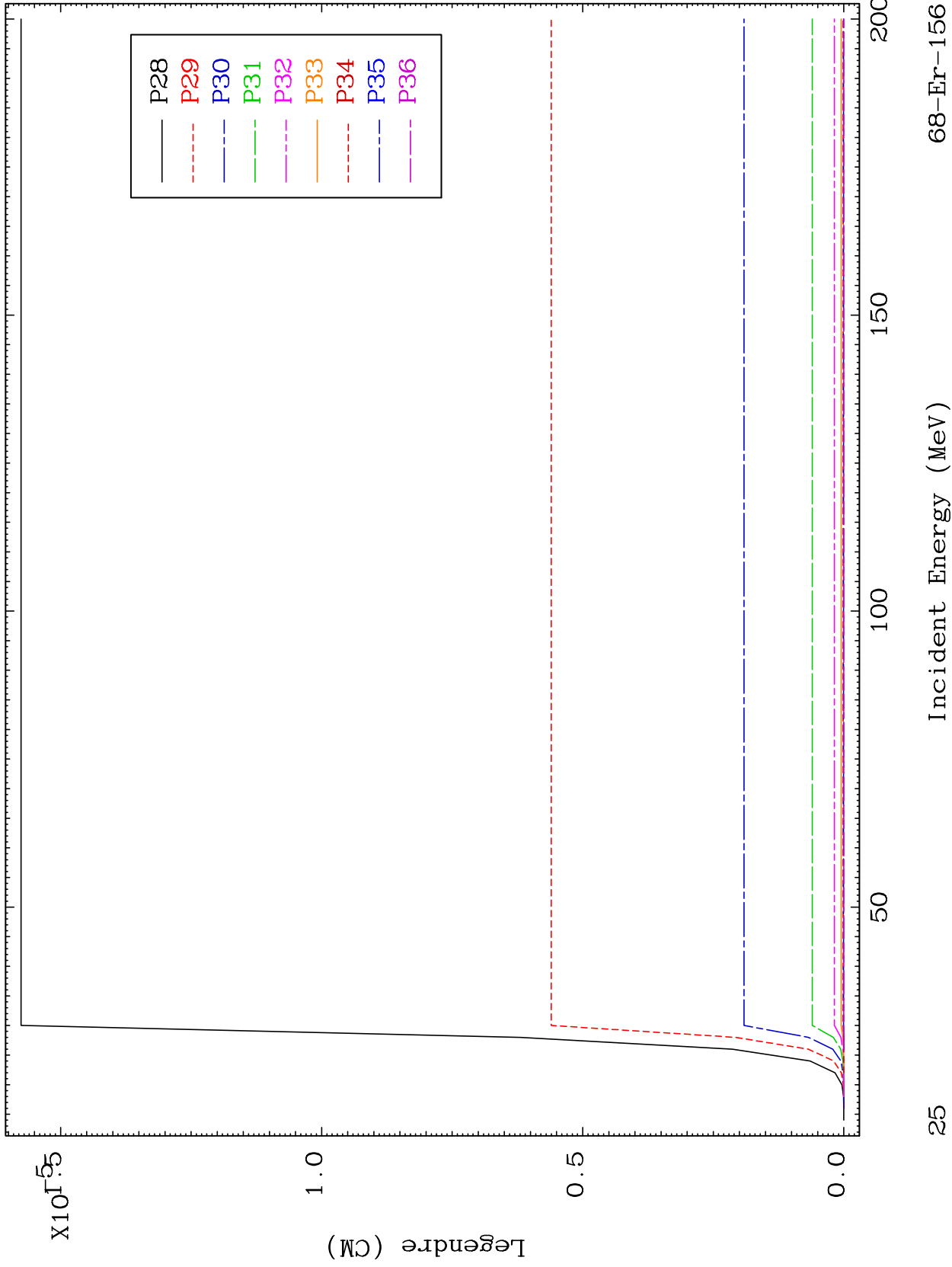
Incident Energy (MeV)

68-Er-156

MAT 6807

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

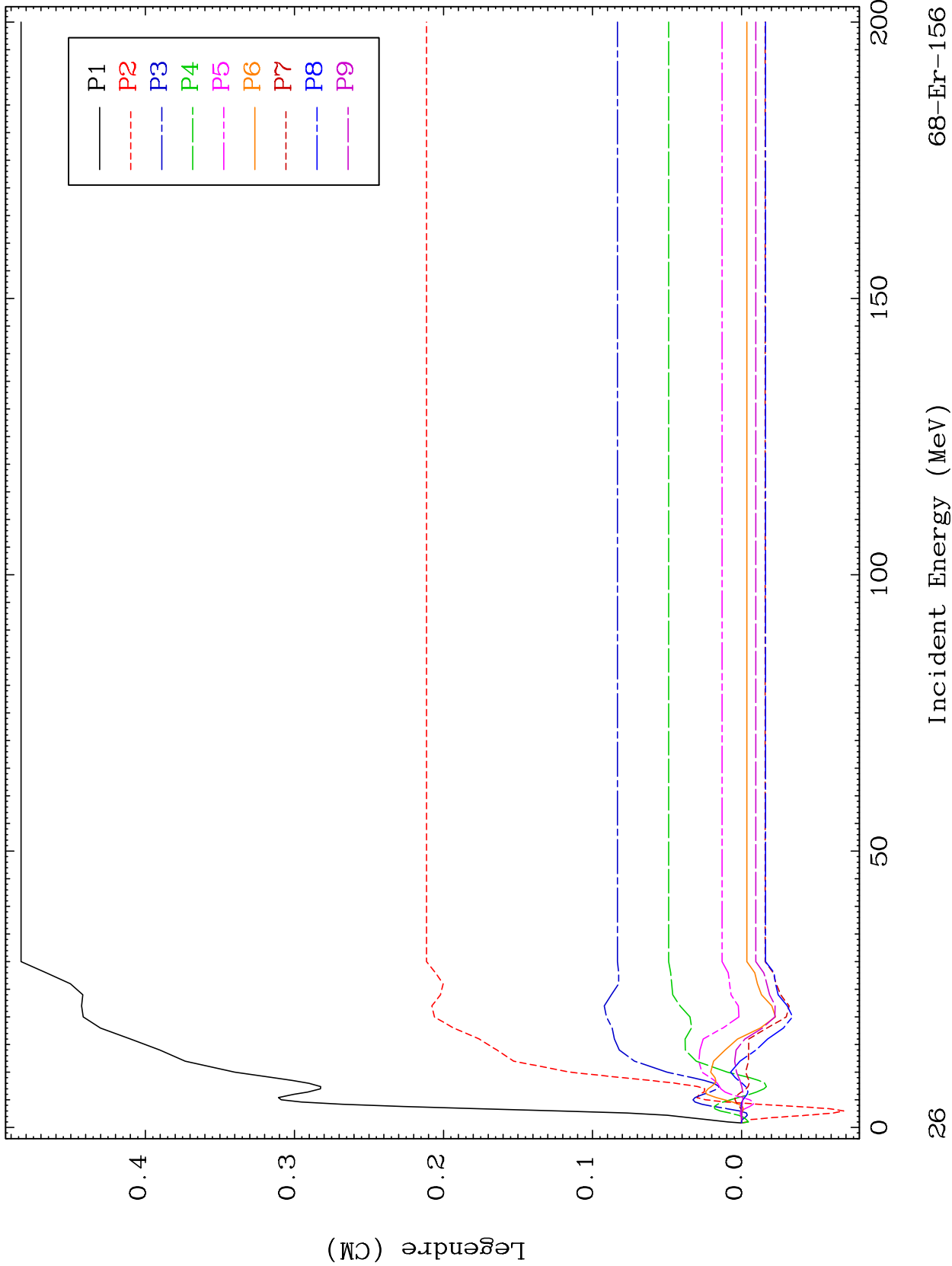
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

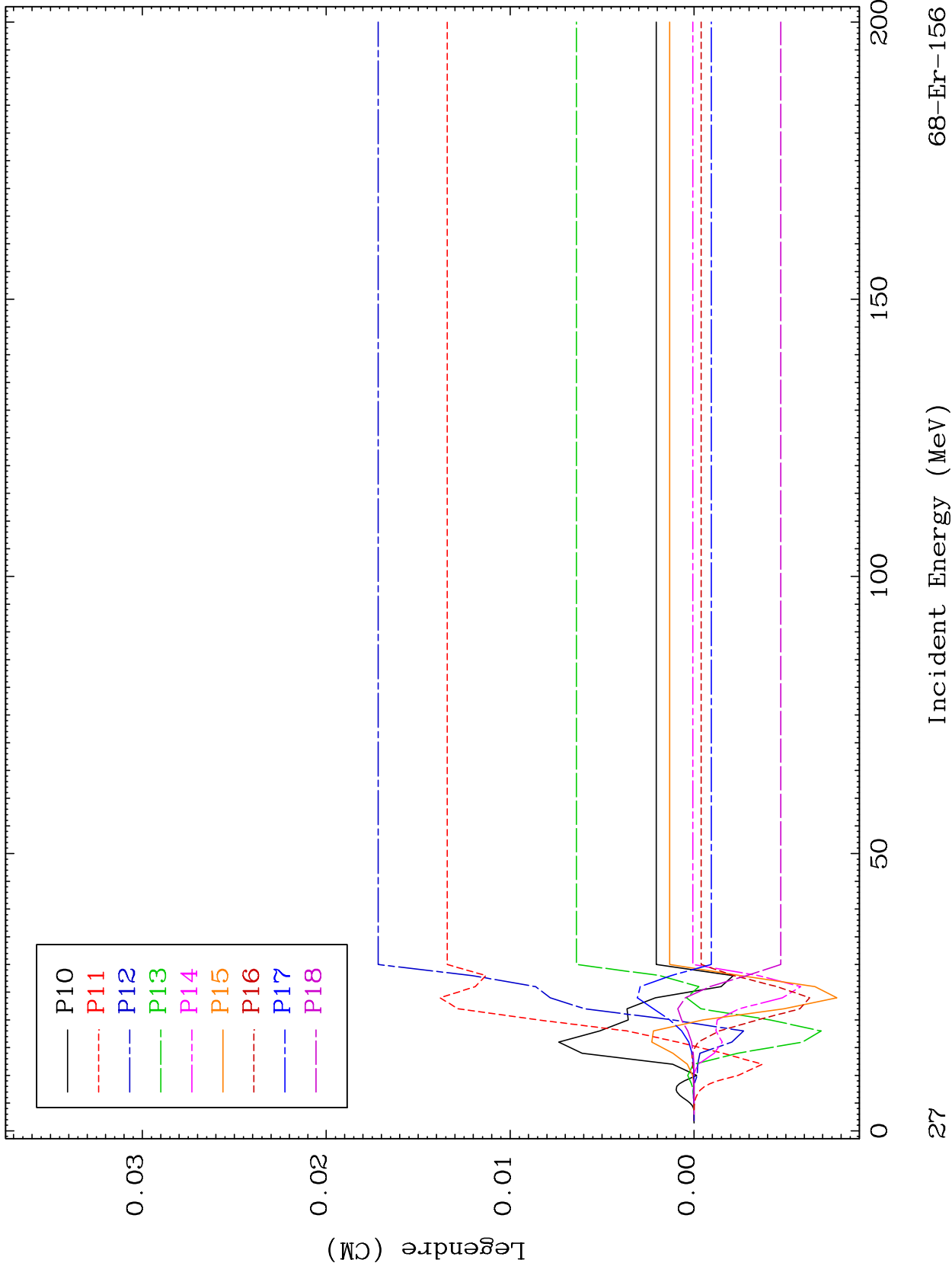
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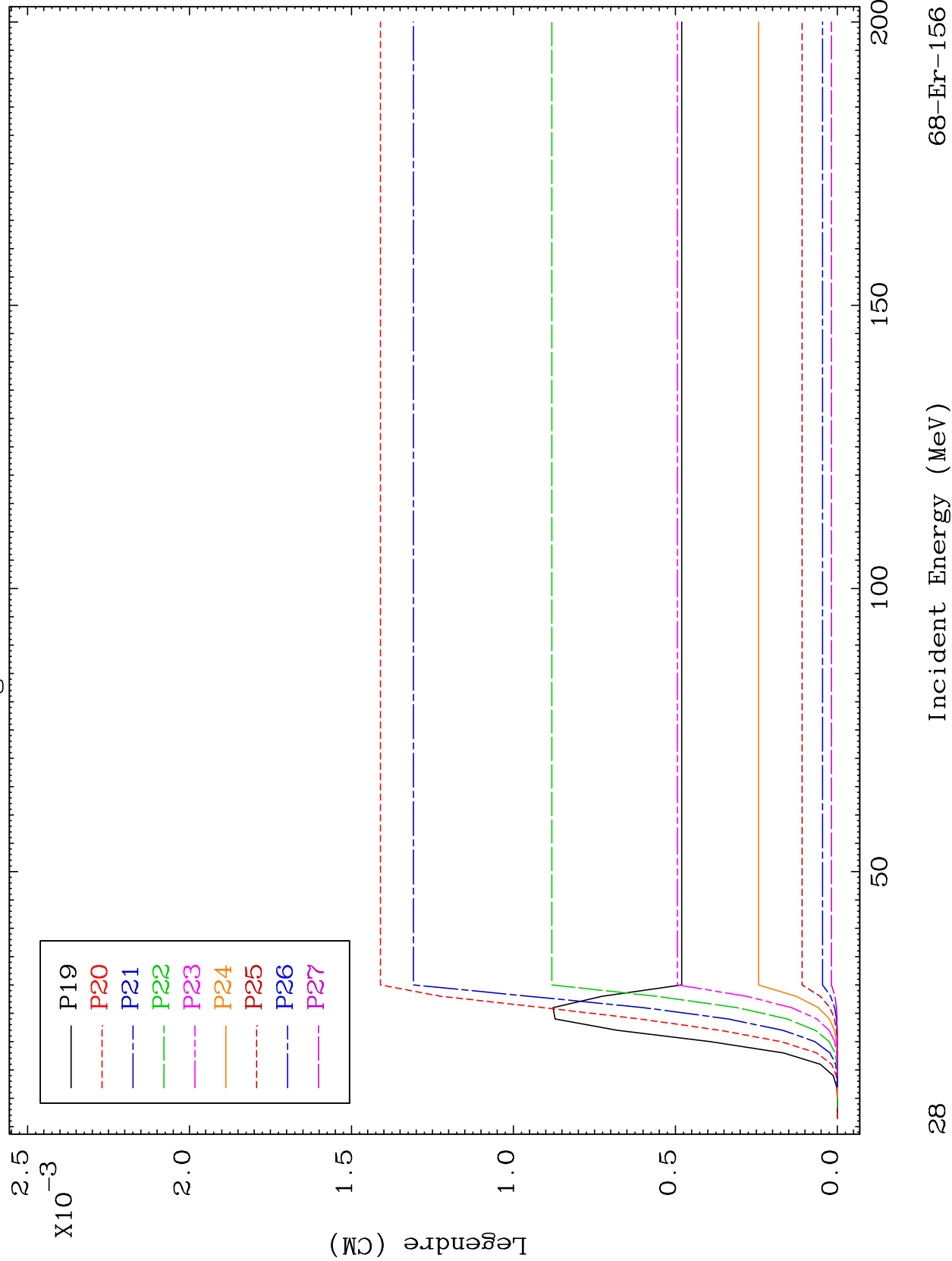
26

MAT 6807

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

68-Er-156

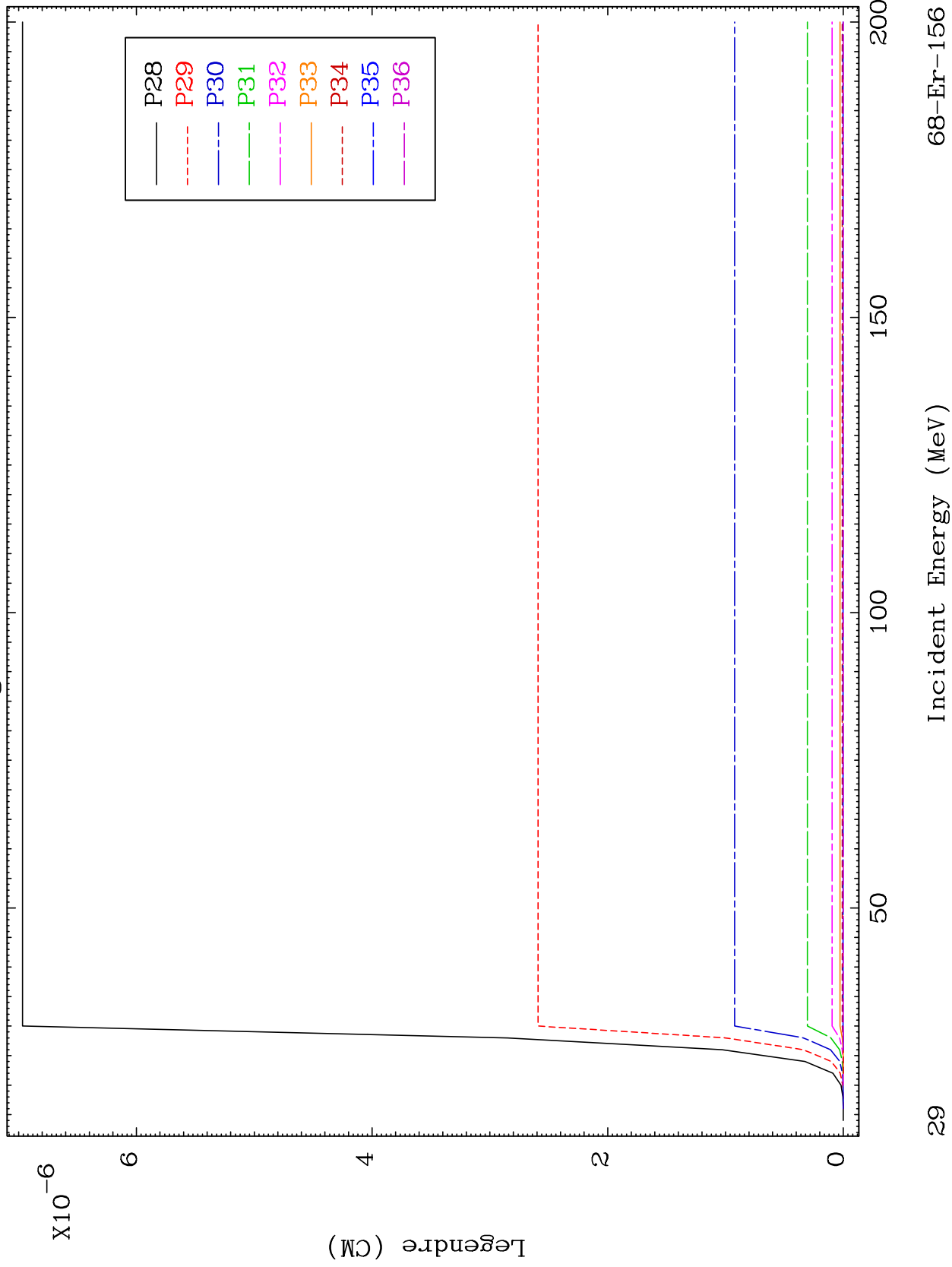




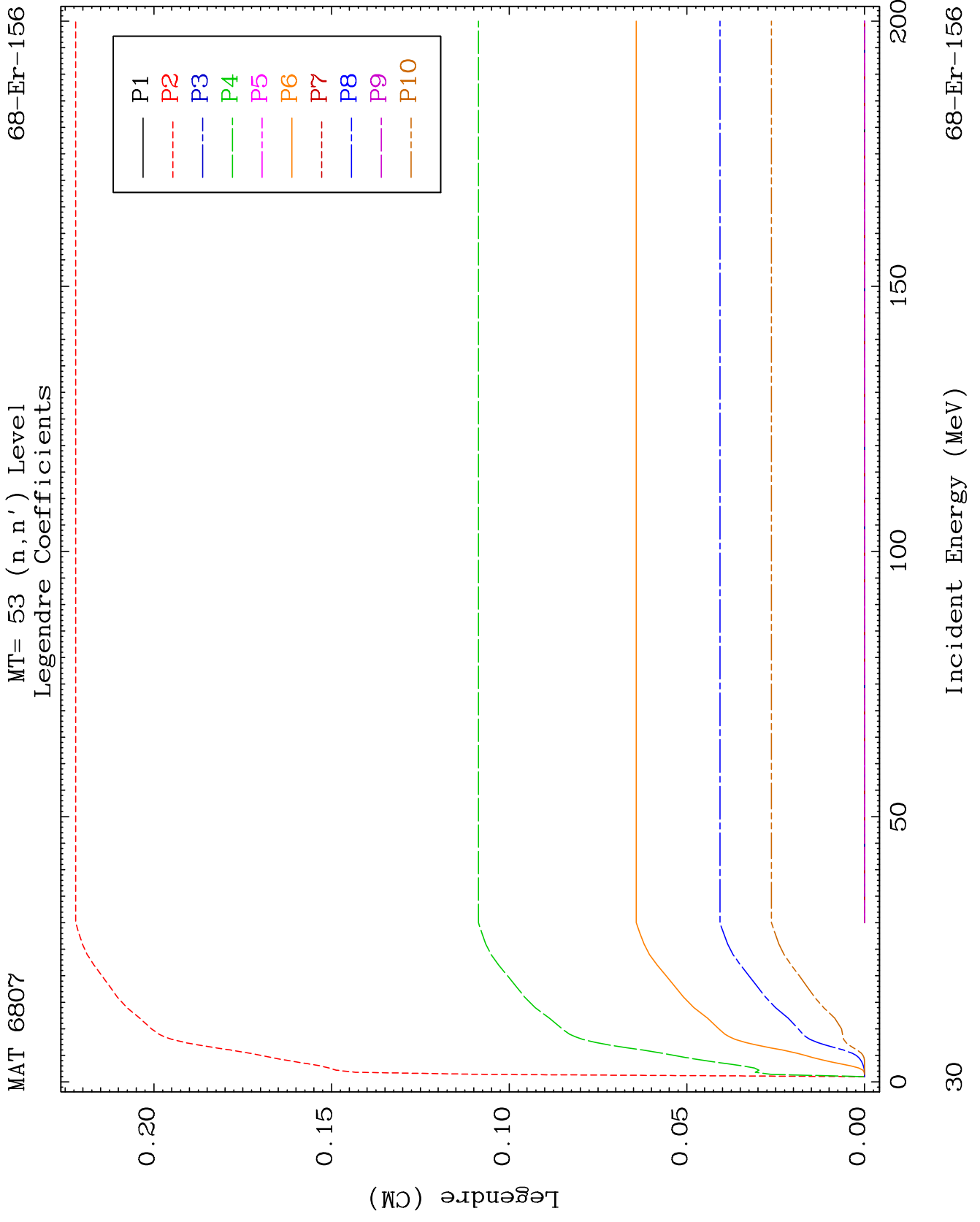
MAT 6807

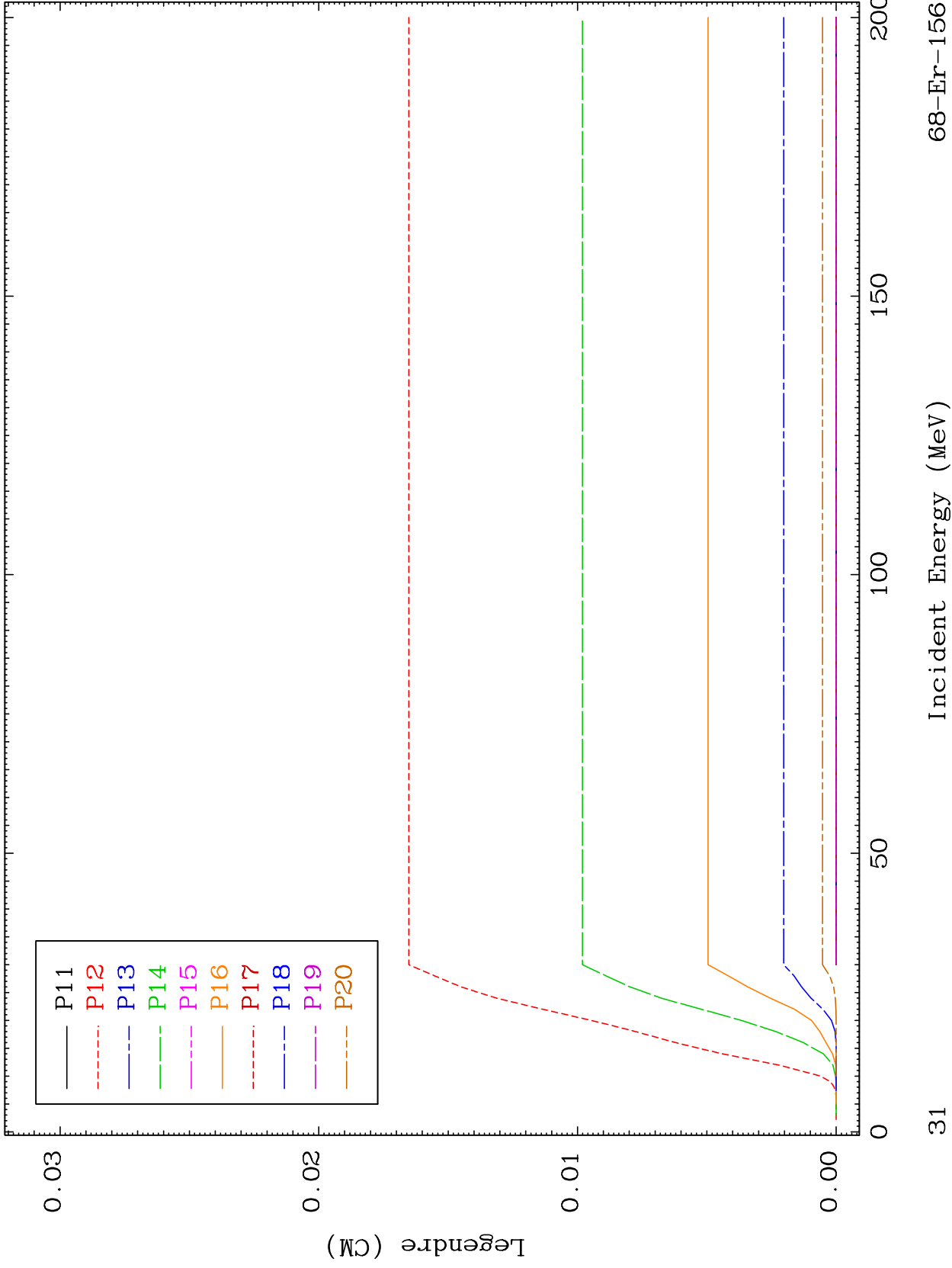
MT= 52 (n,n') Level
Legendre Coefficients

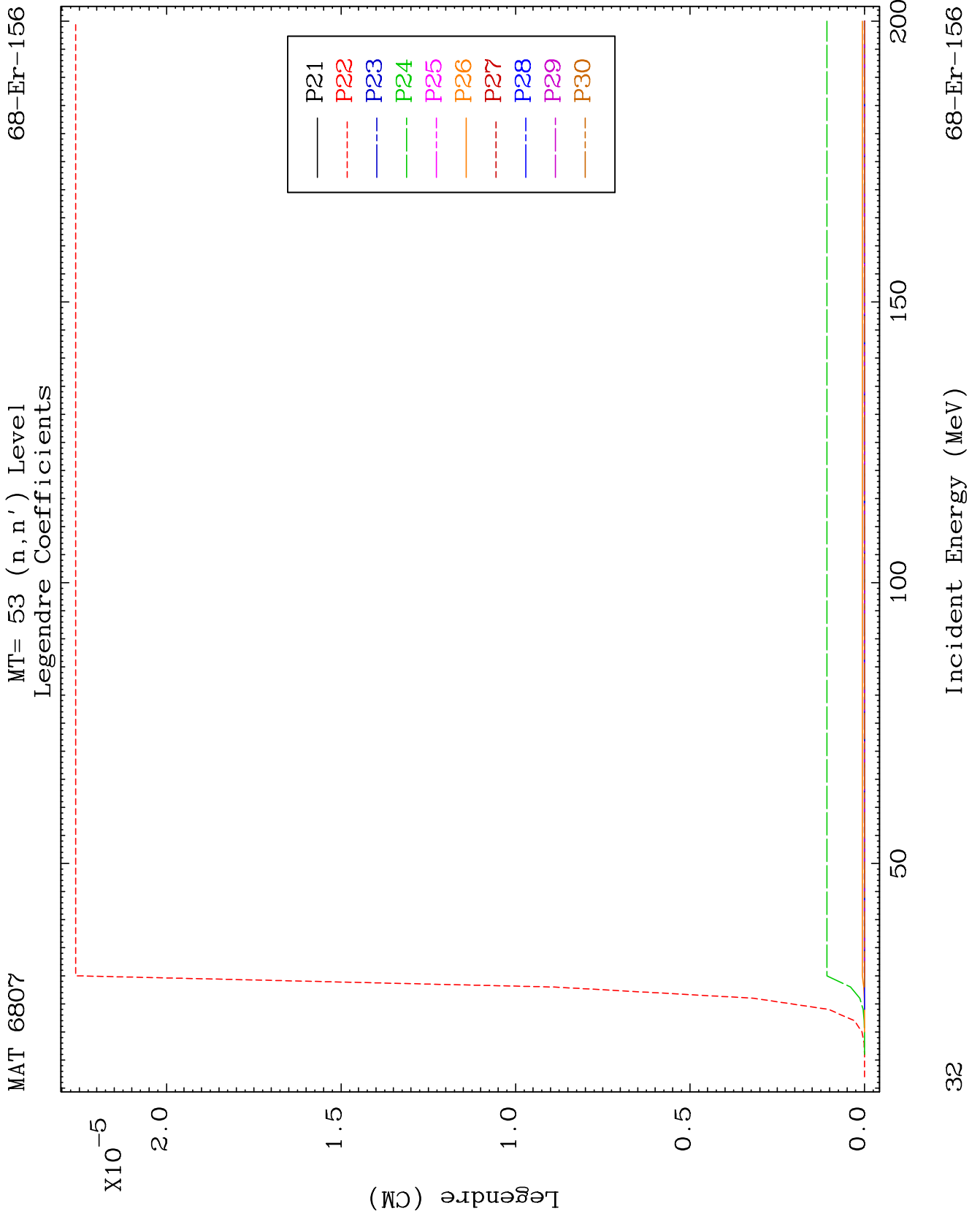
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29



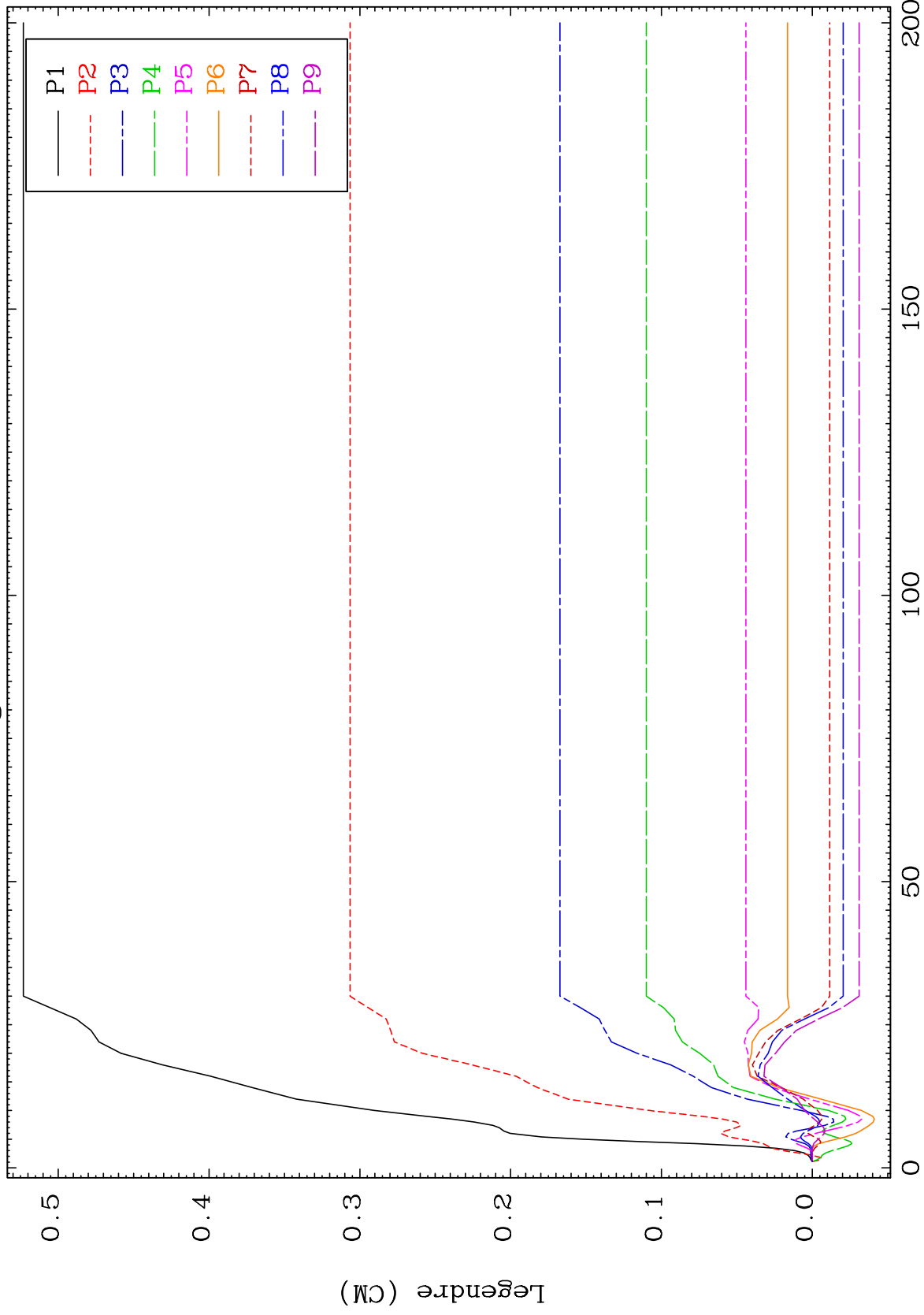




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MT= 54 (n,n') Level
Legendre Coefficients

68-Er-156



33

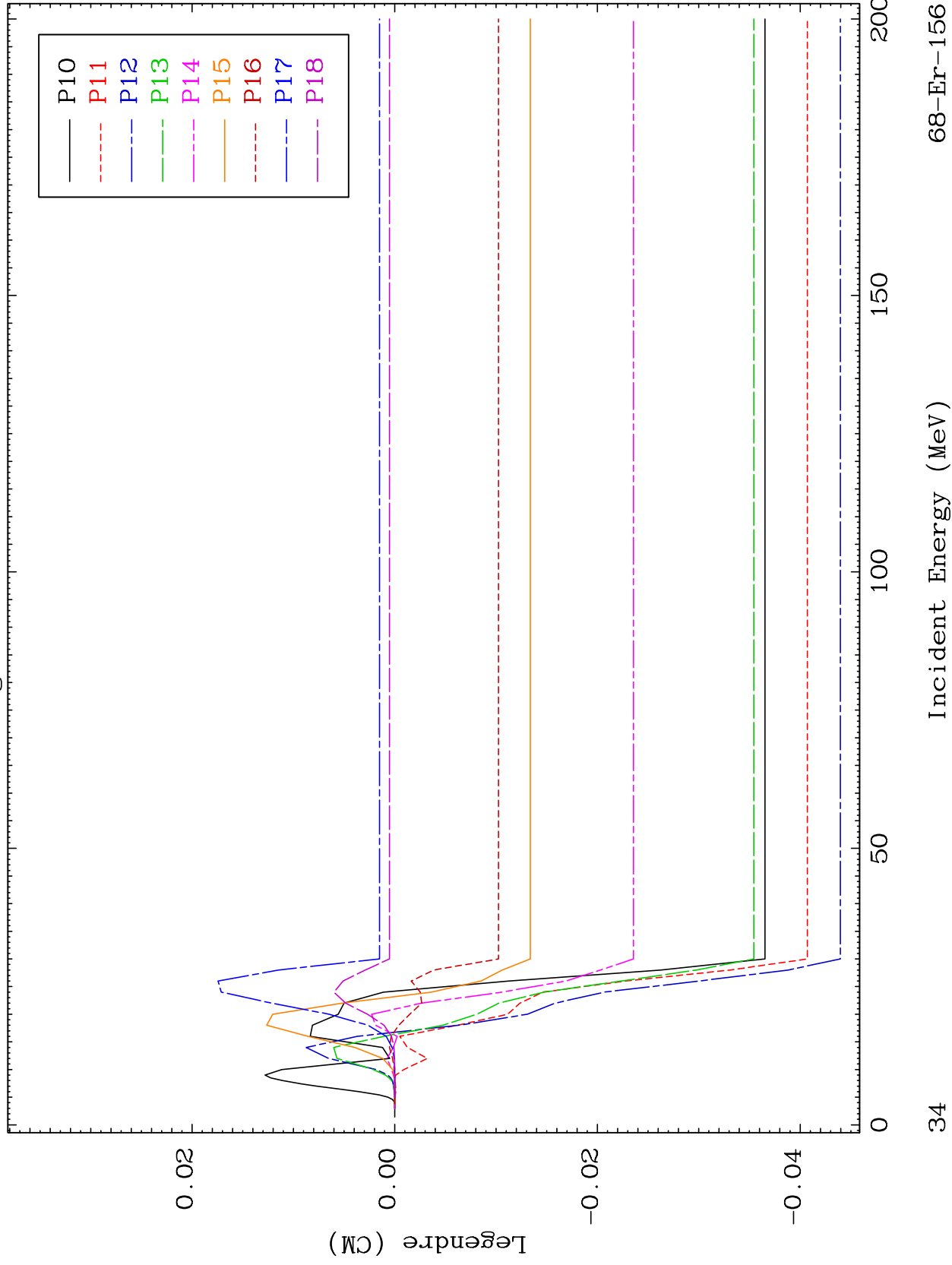
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

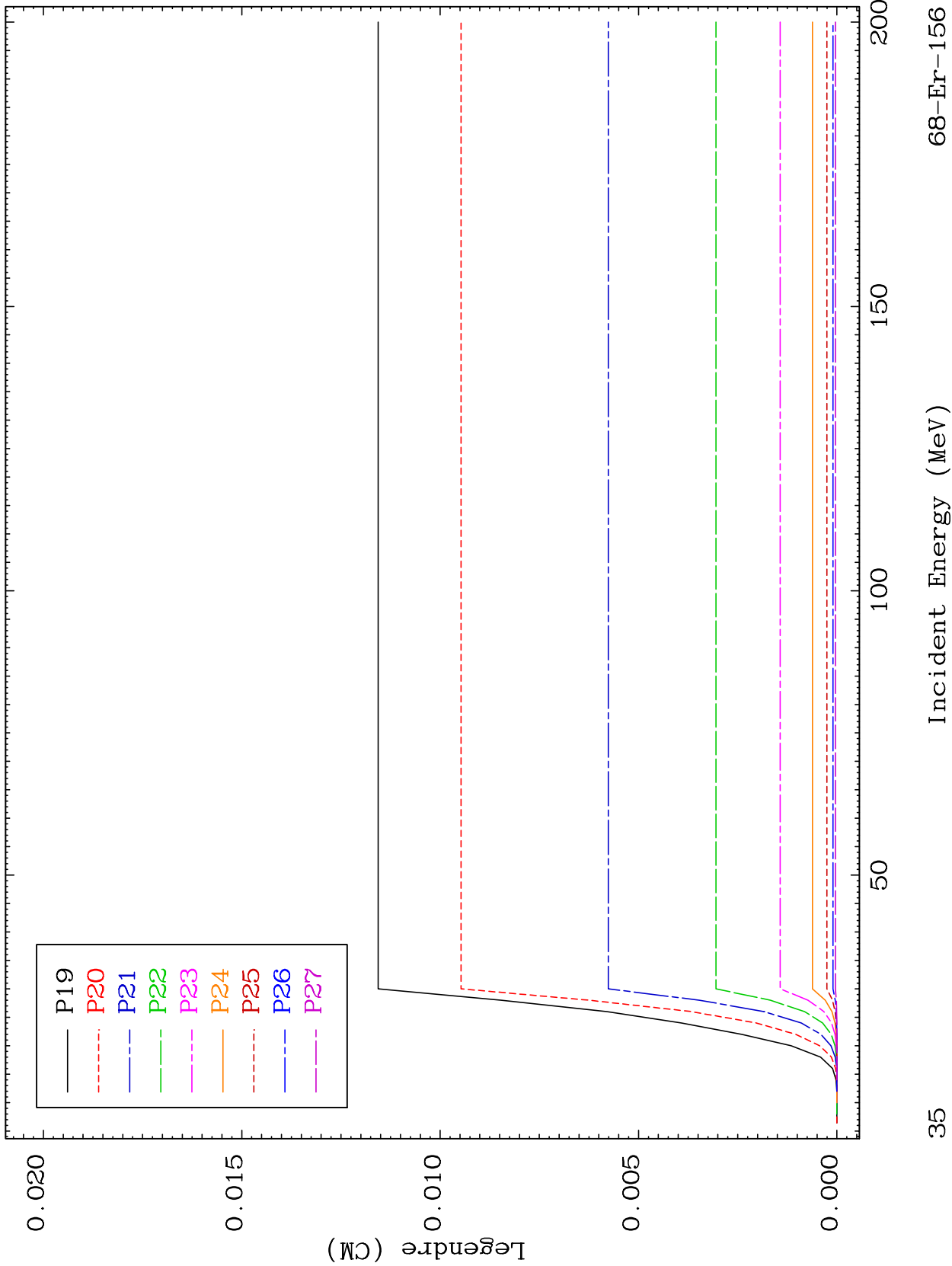
Incident Energy (MeV)

34

MAT 6807

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

68-Er-156



35

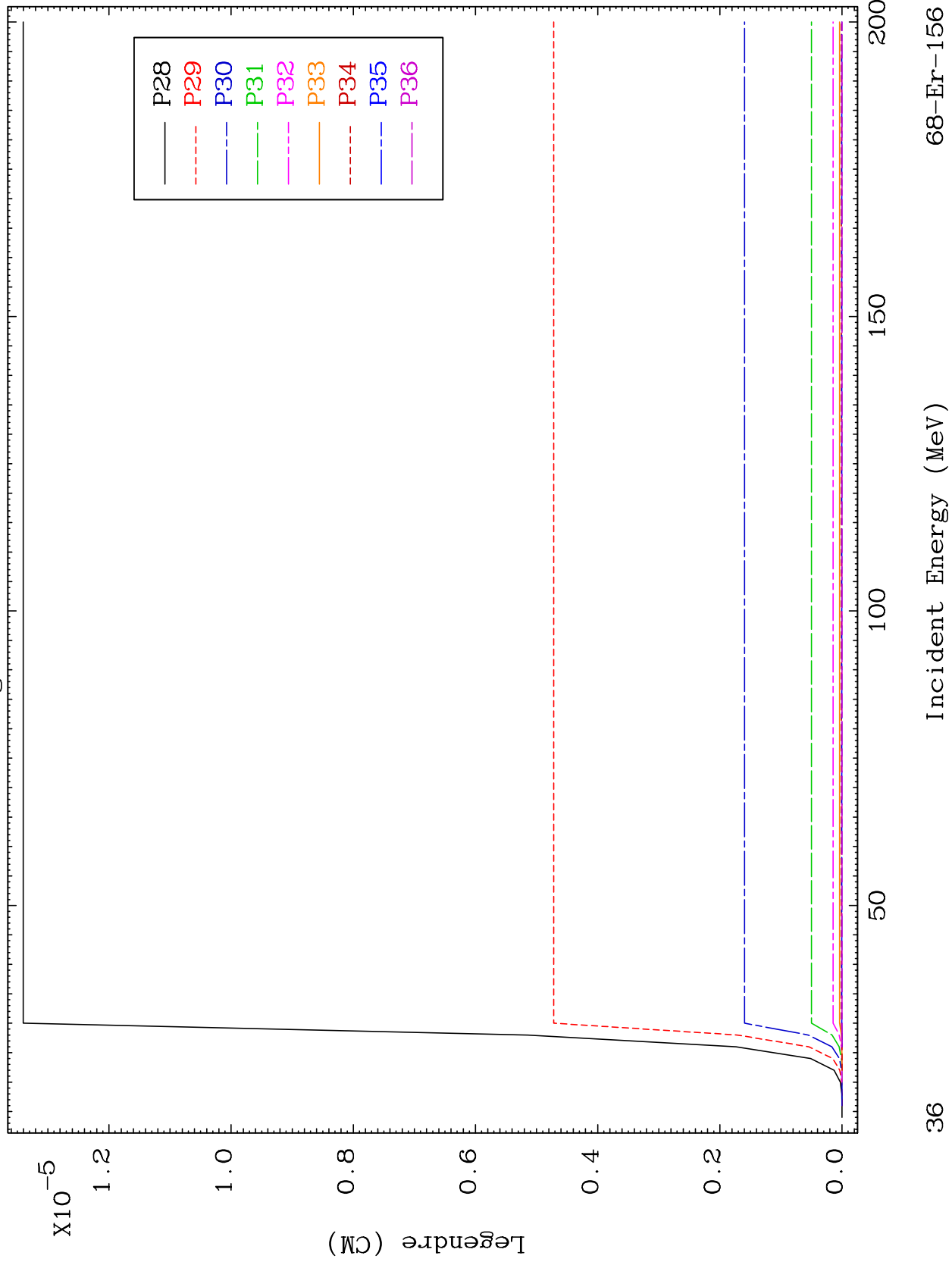
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



36

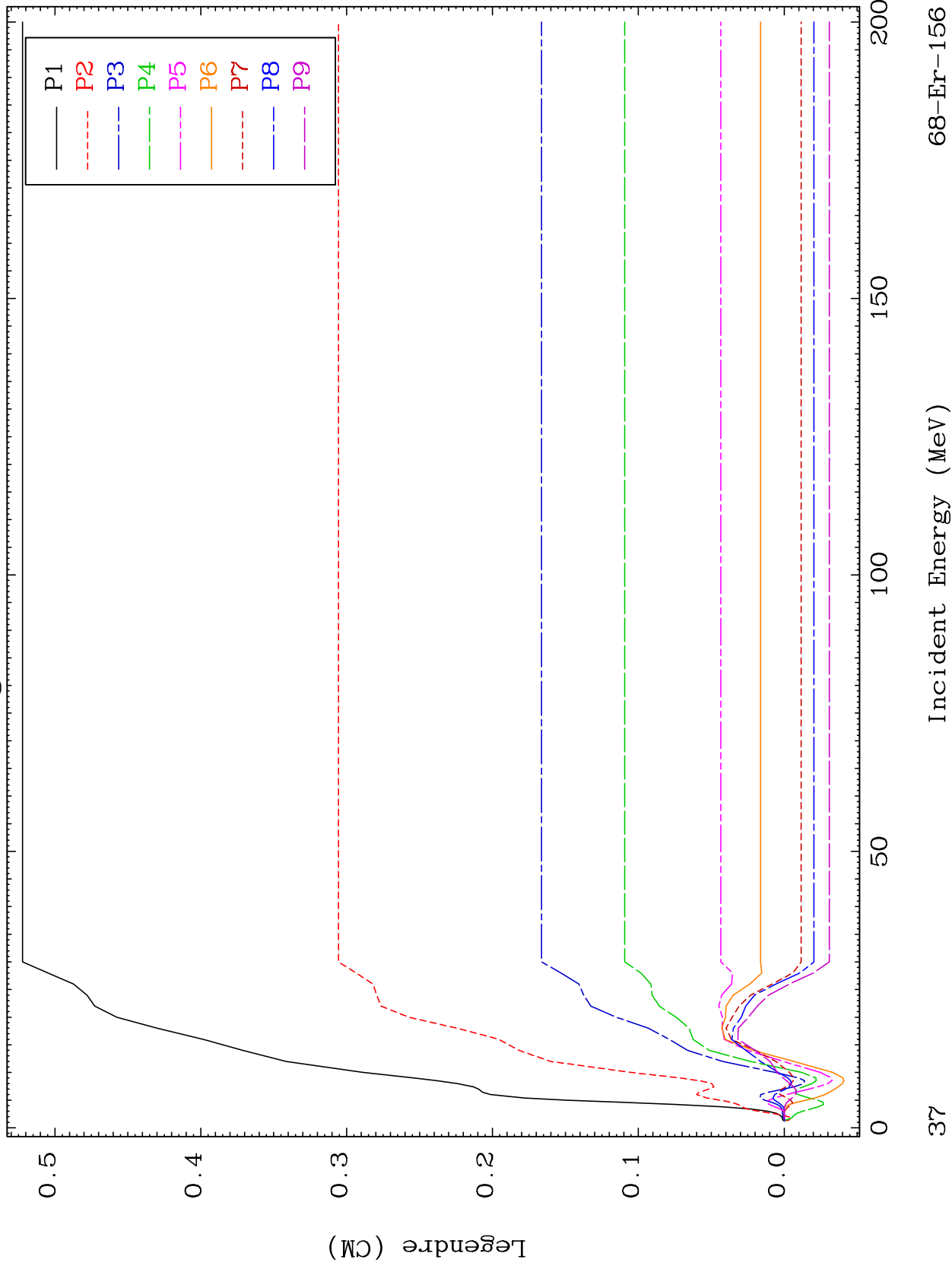
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

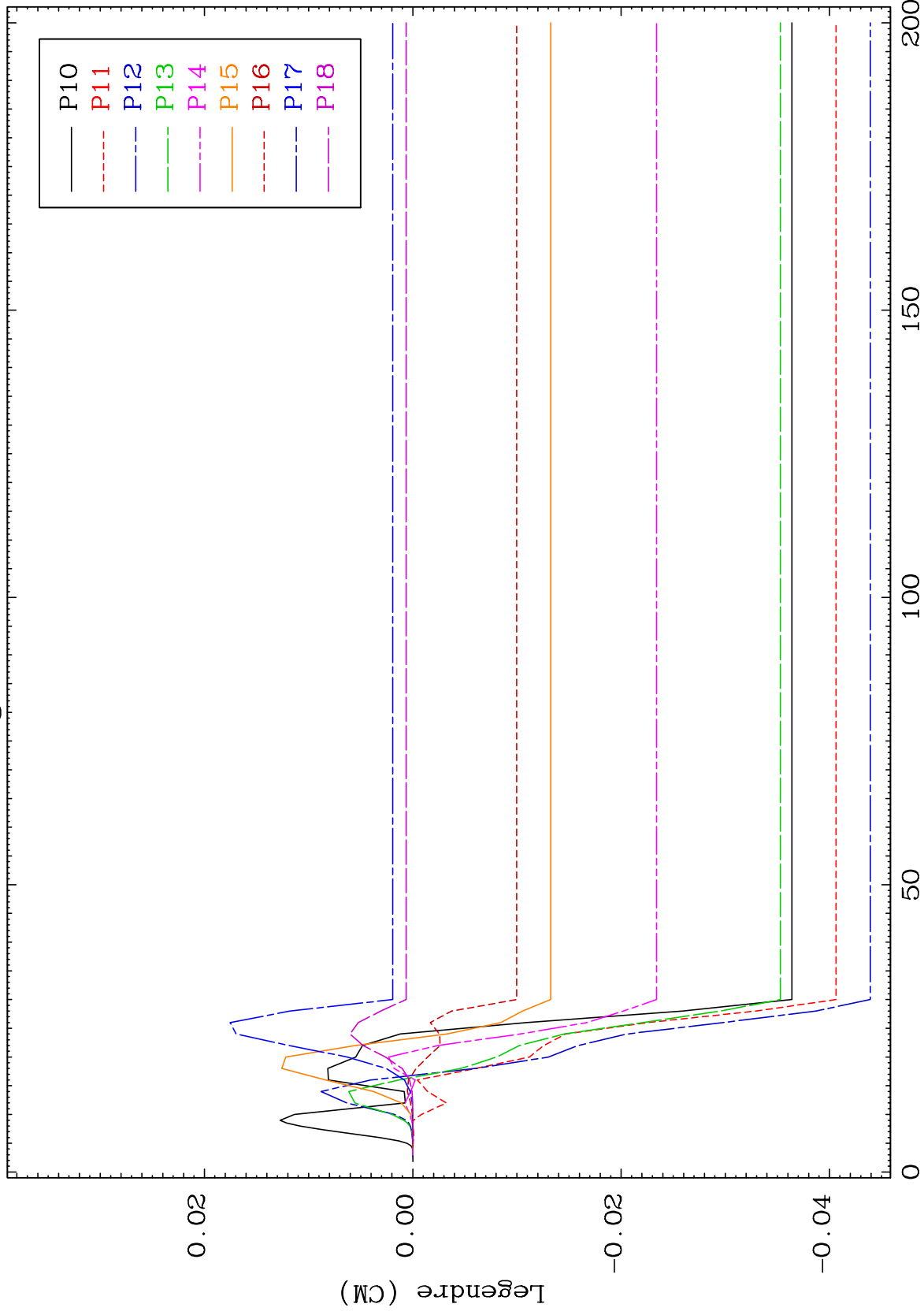
Incident Energy (MeV)

37

MAT 6807

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

68-Er-156



38

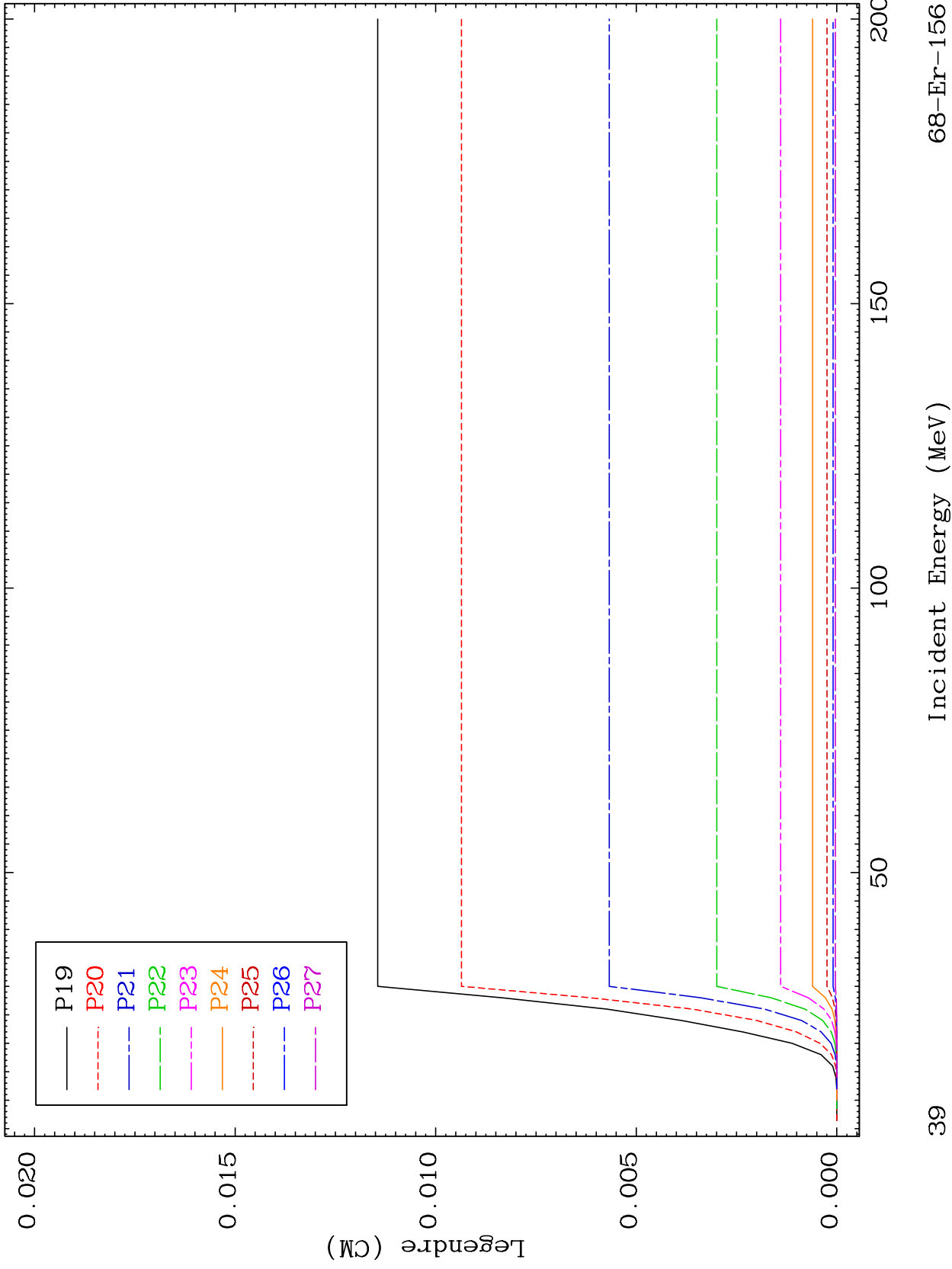
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



39

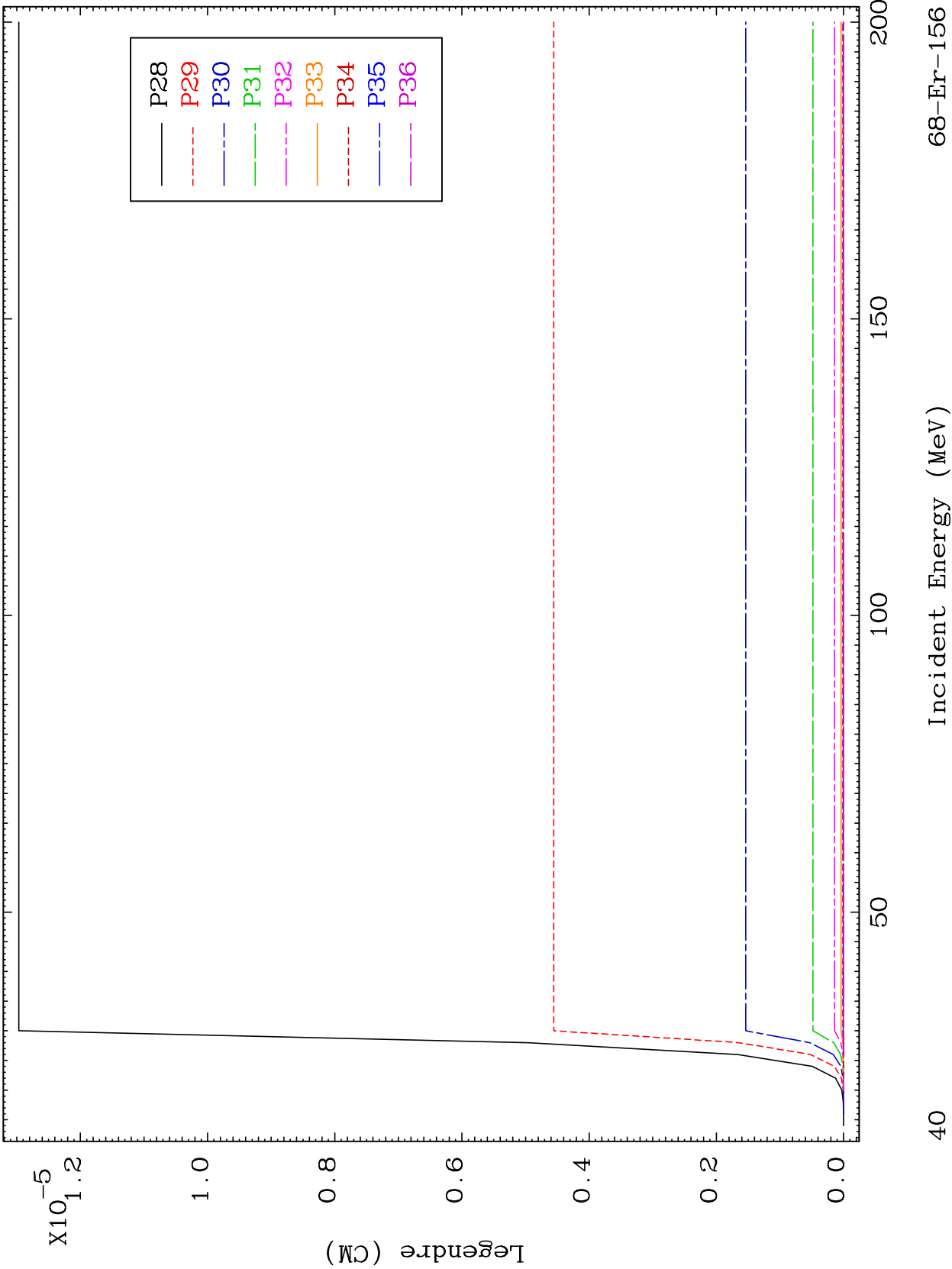
Incident Energy (MeV)

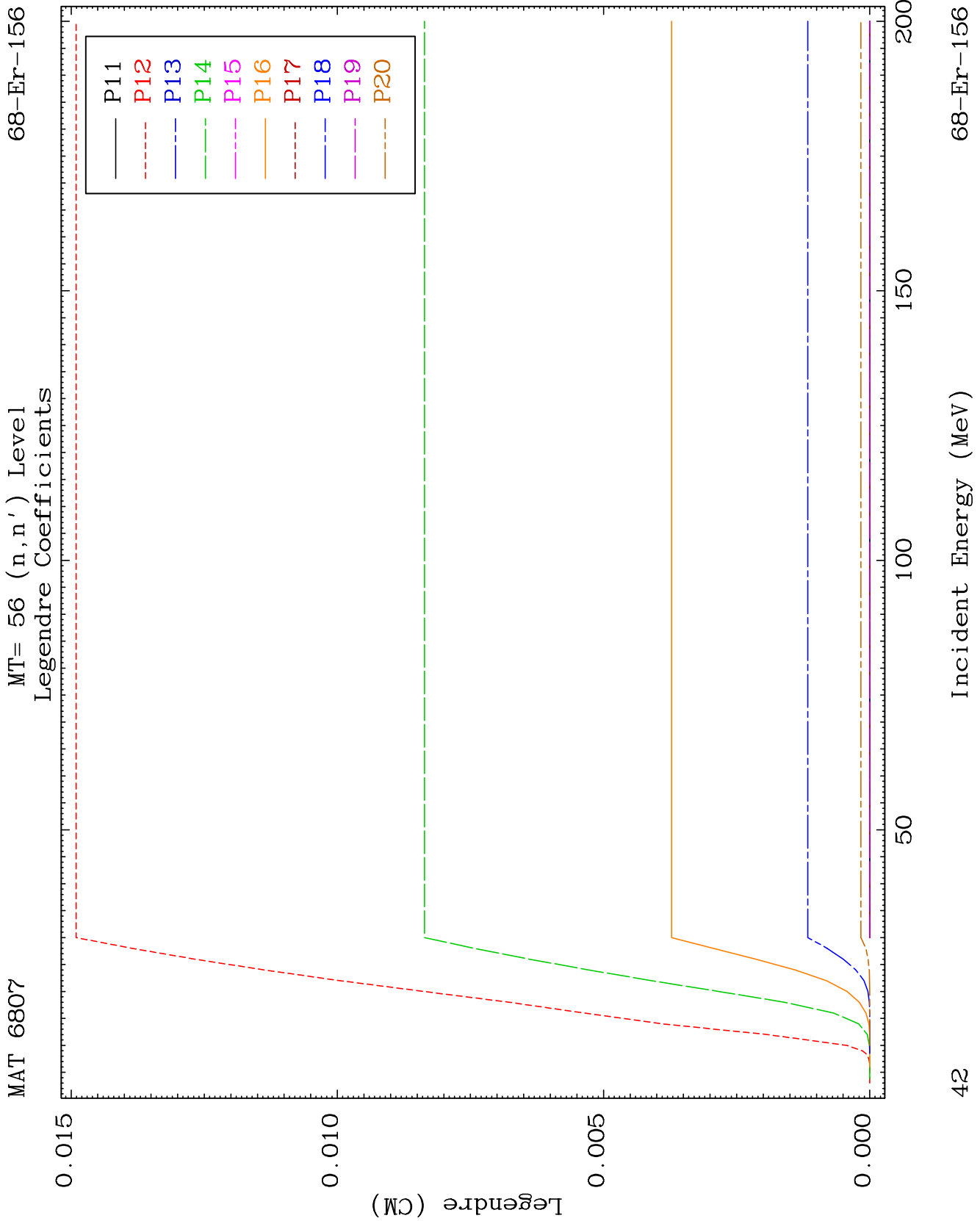
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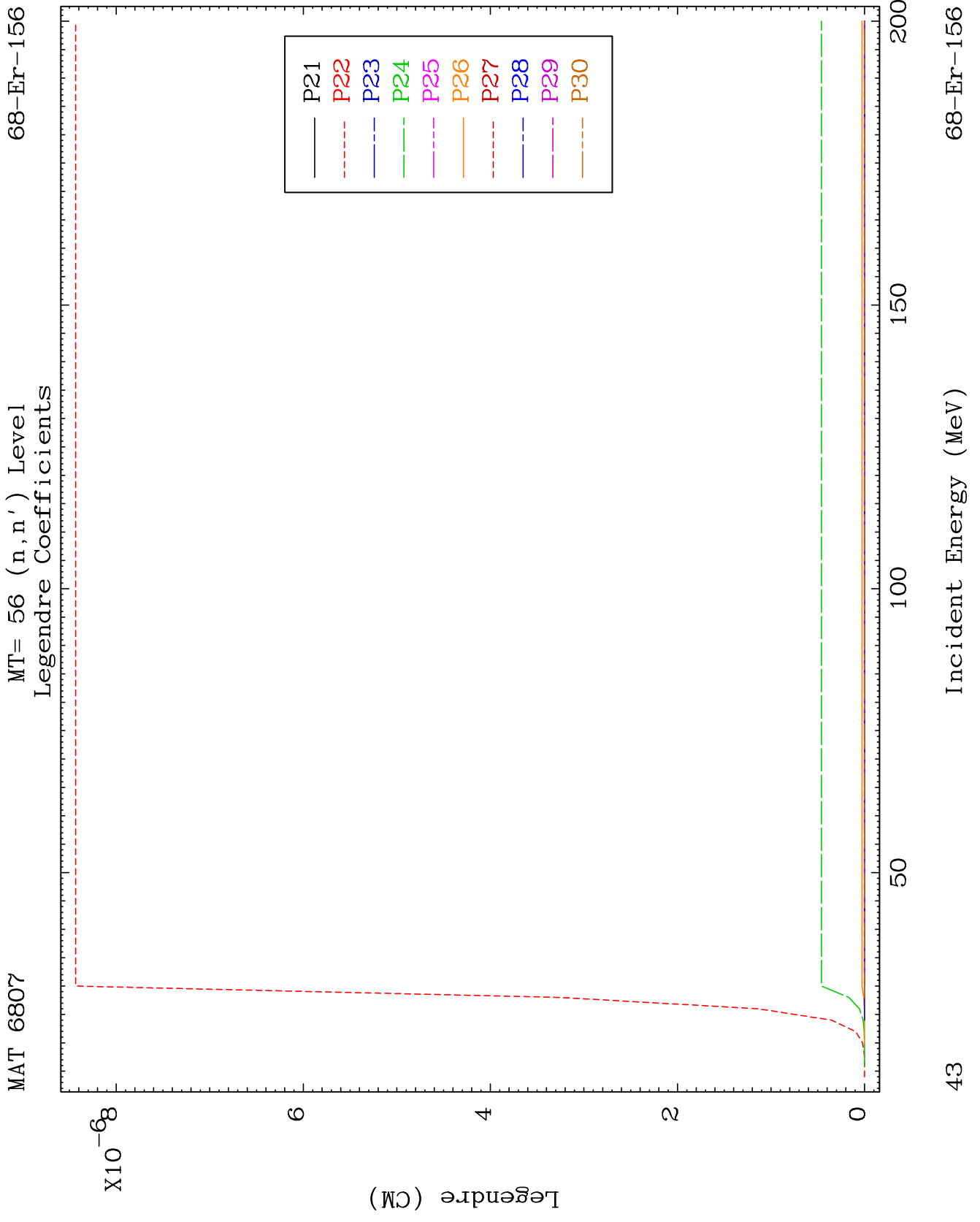
MAT 6807

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

68-Er-156



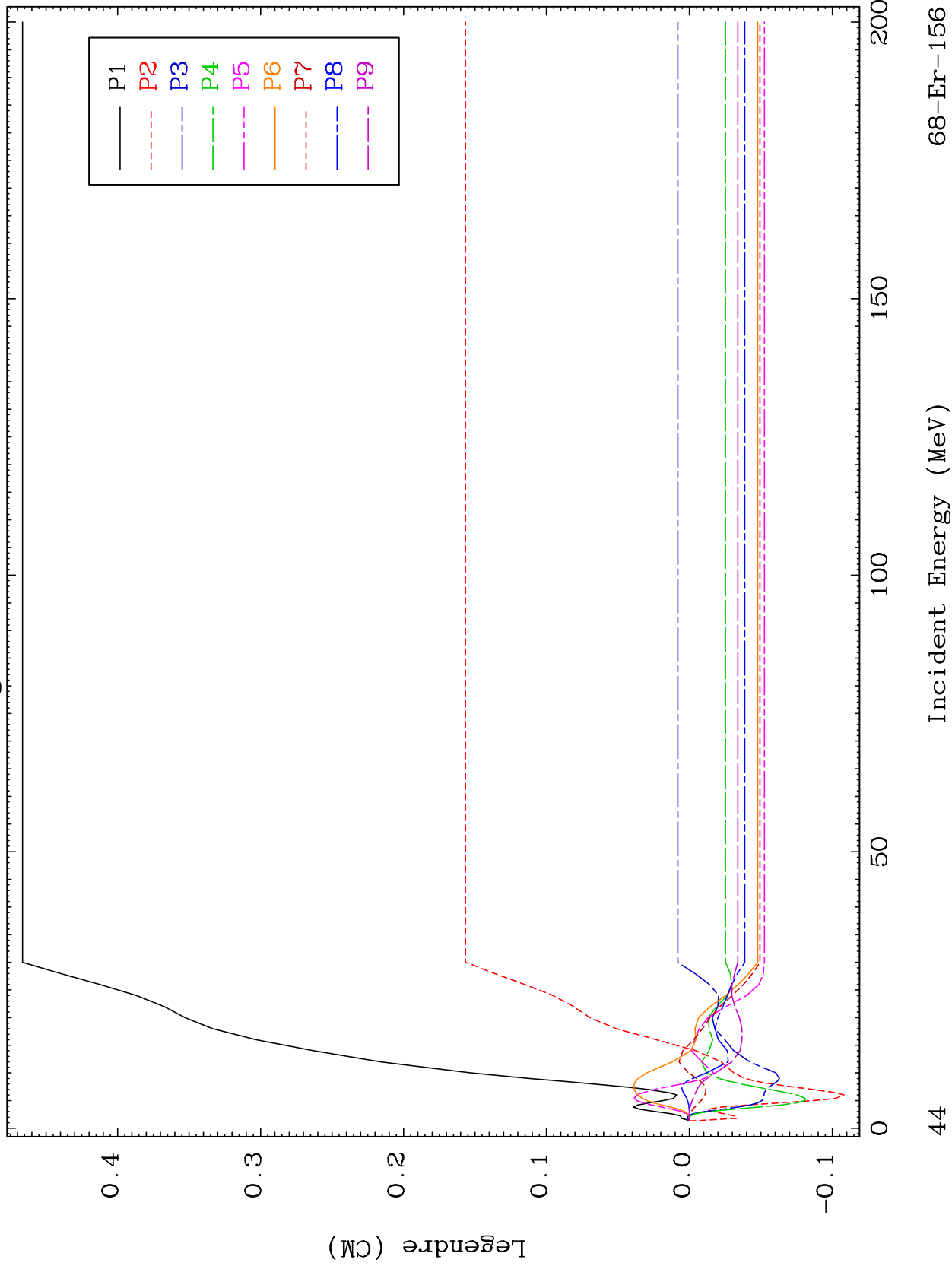




MAT 6807

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

68-Er-156



68-Er-156

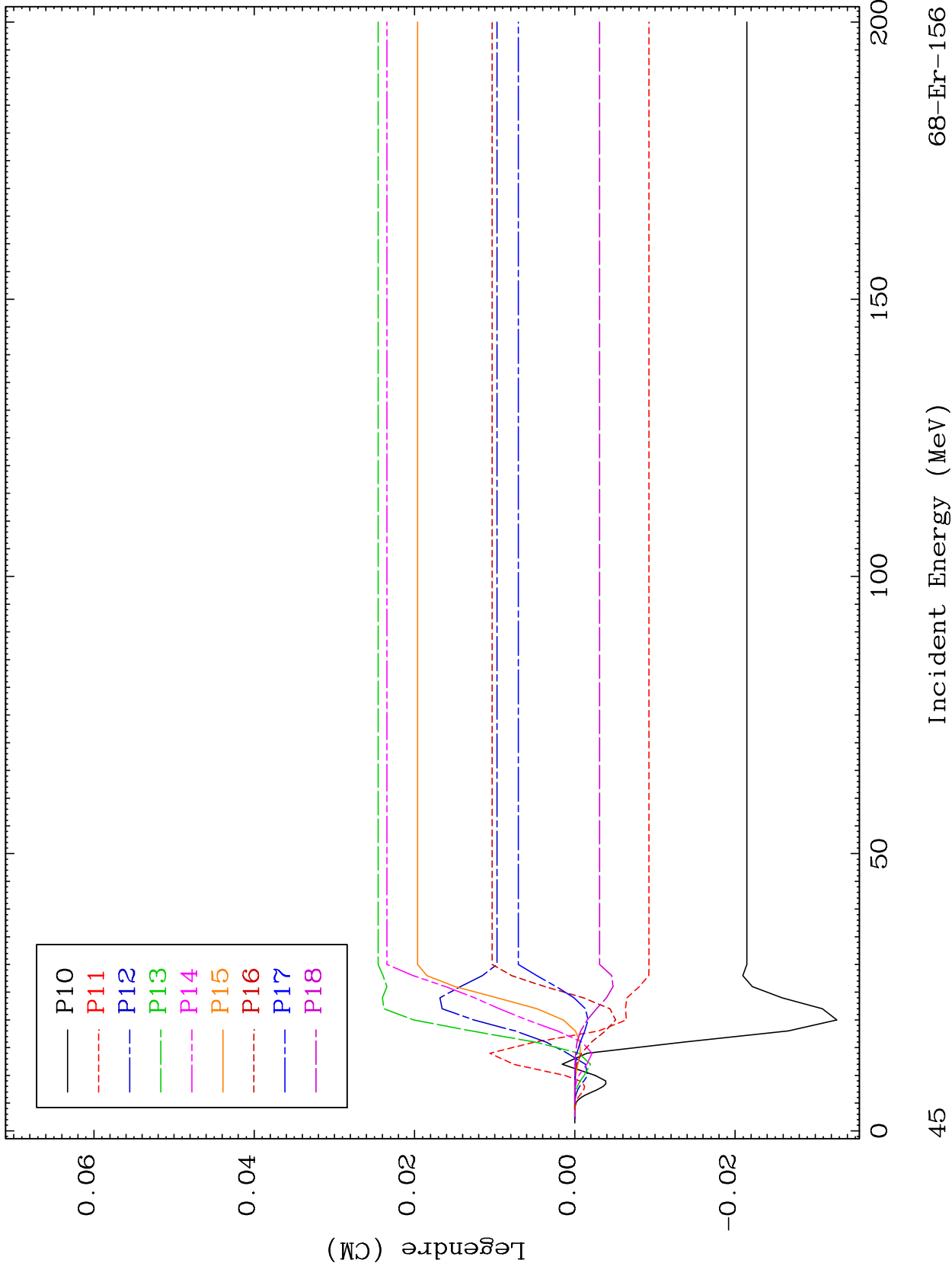
Incident Energy (MeV)

44

MAT 6807

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

68-Er-156



68-Er-156

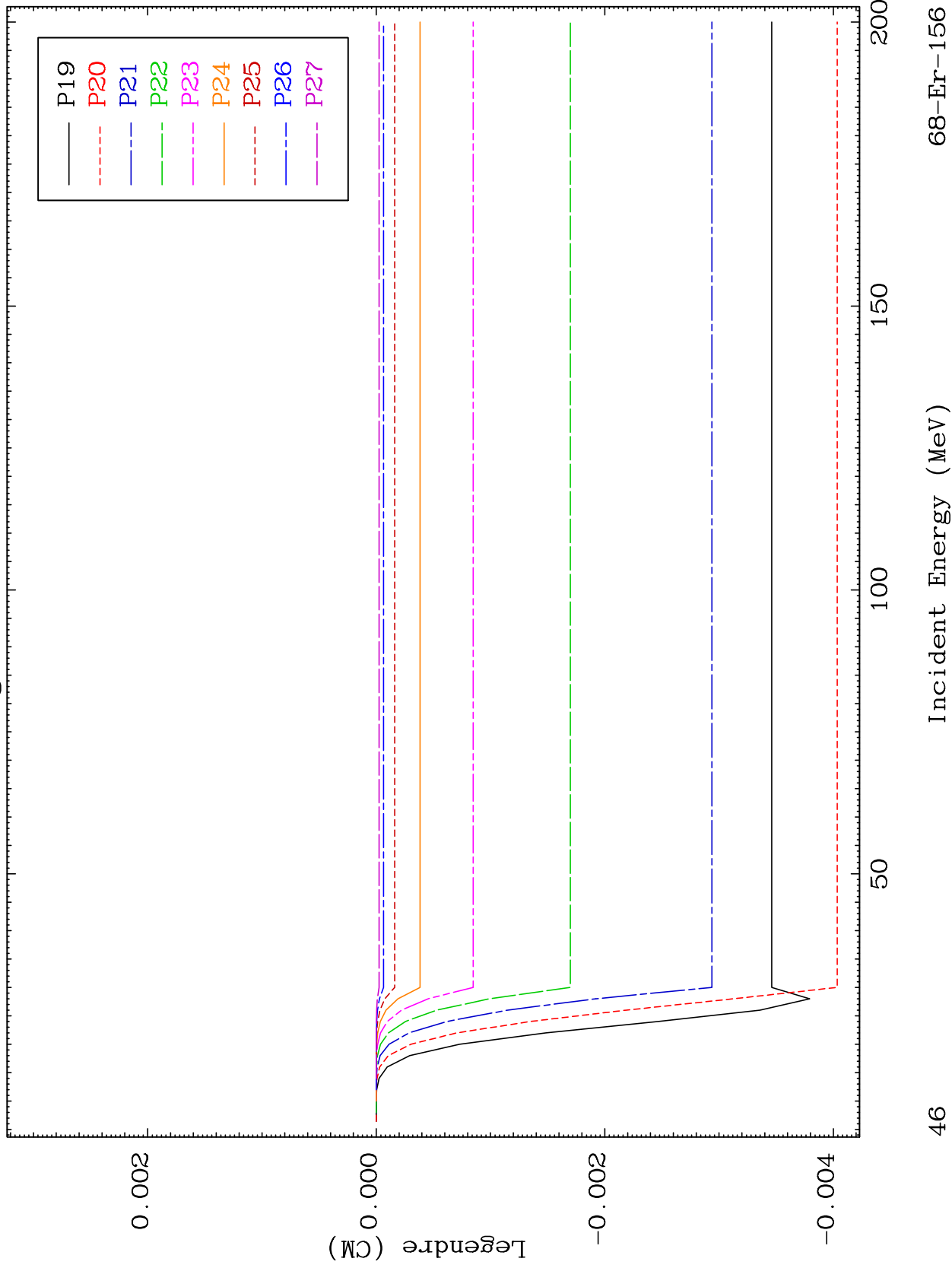
Incident Energy (MeV)

45

MAT 6807

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

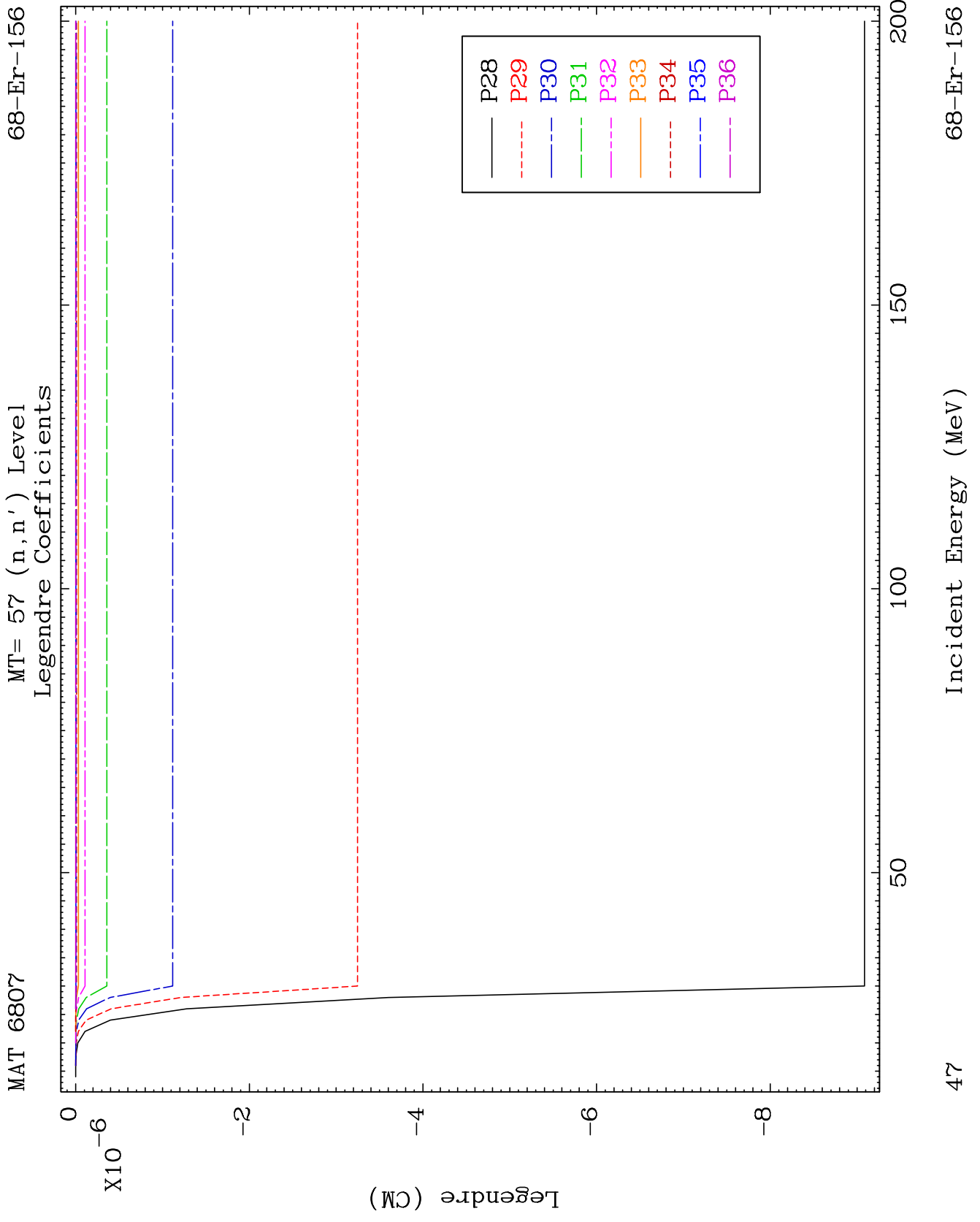
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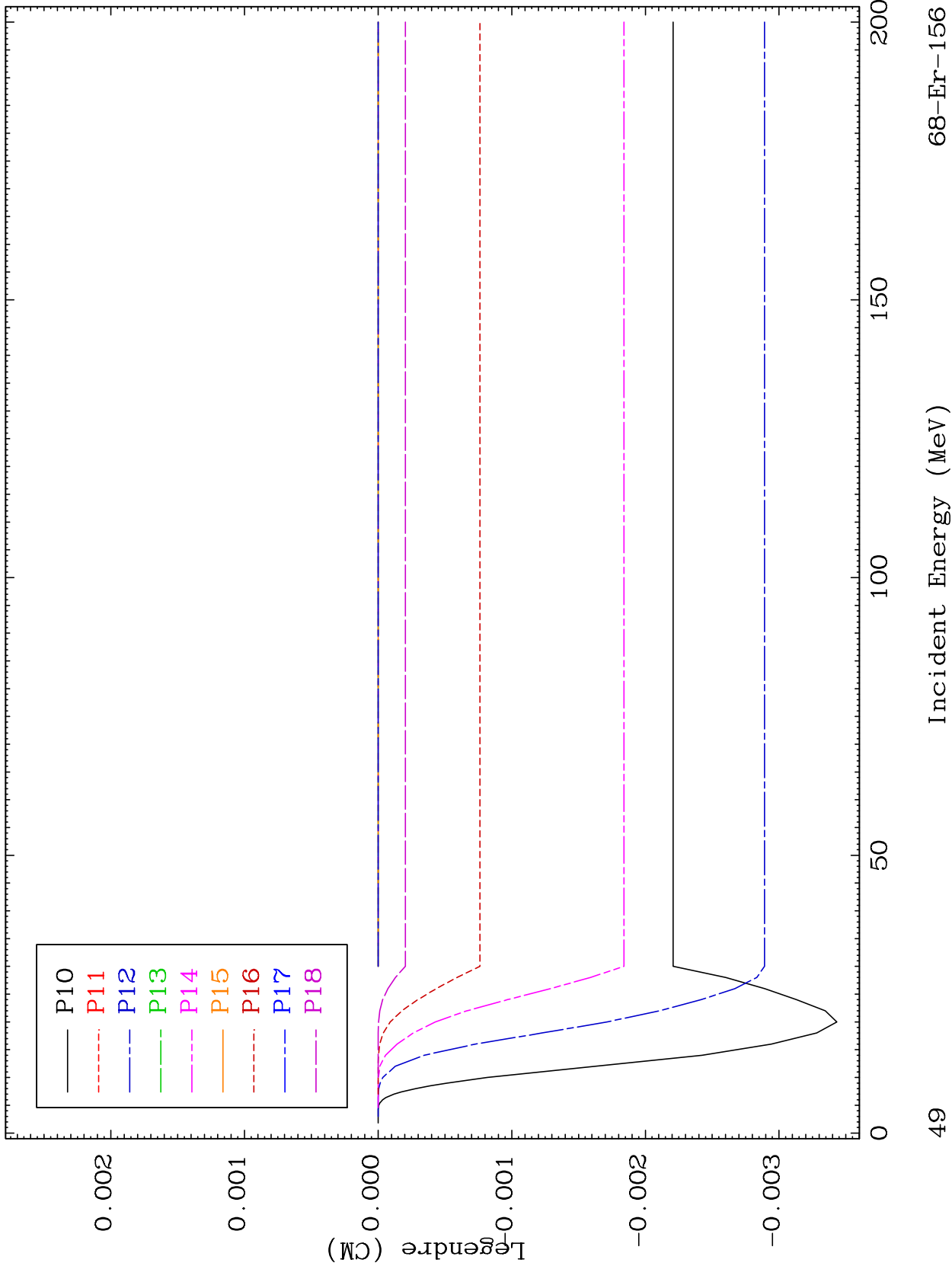


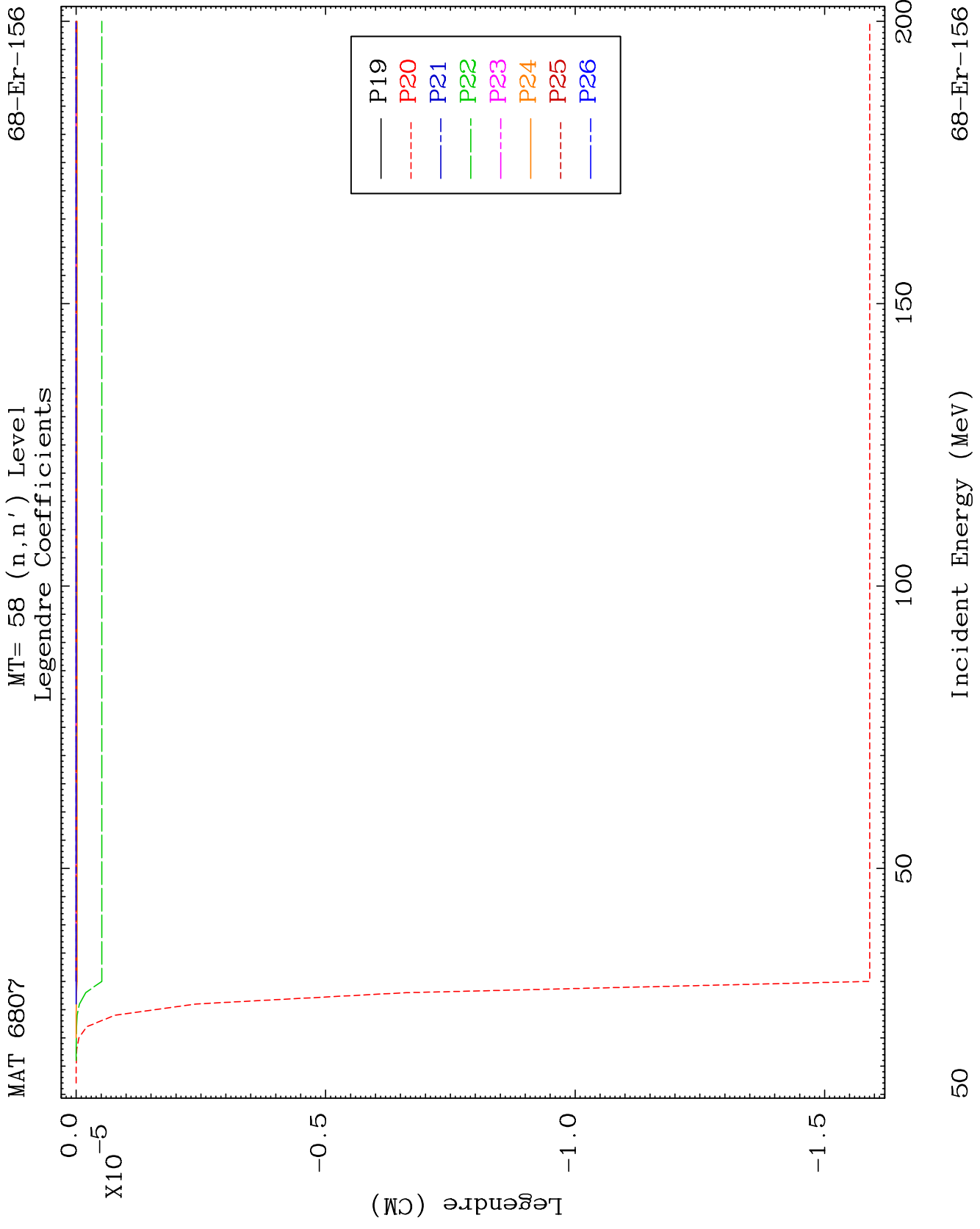
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Incident Energy (MeV)

68-Er-156



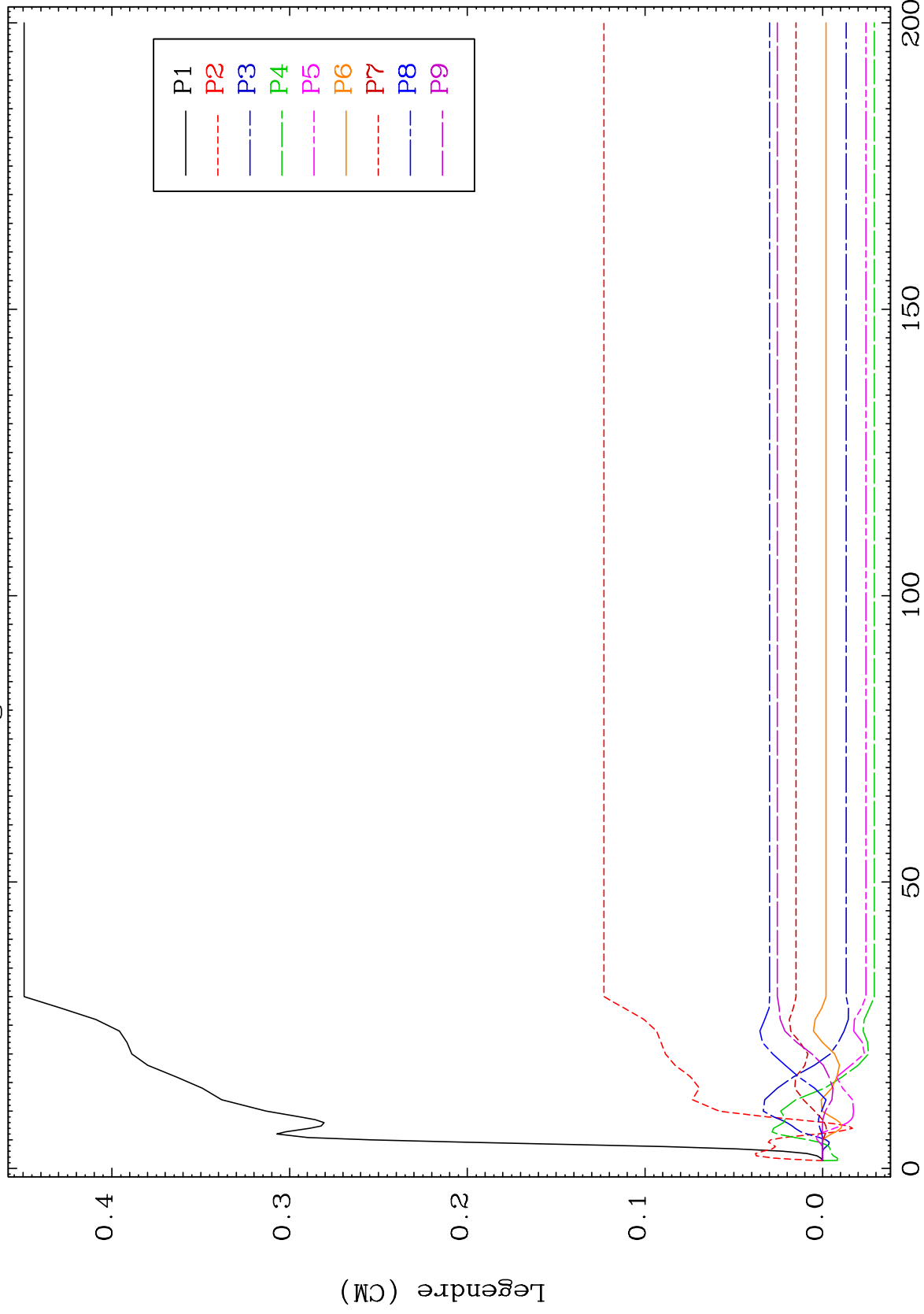




MAT 6807

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

68-Er-156



51

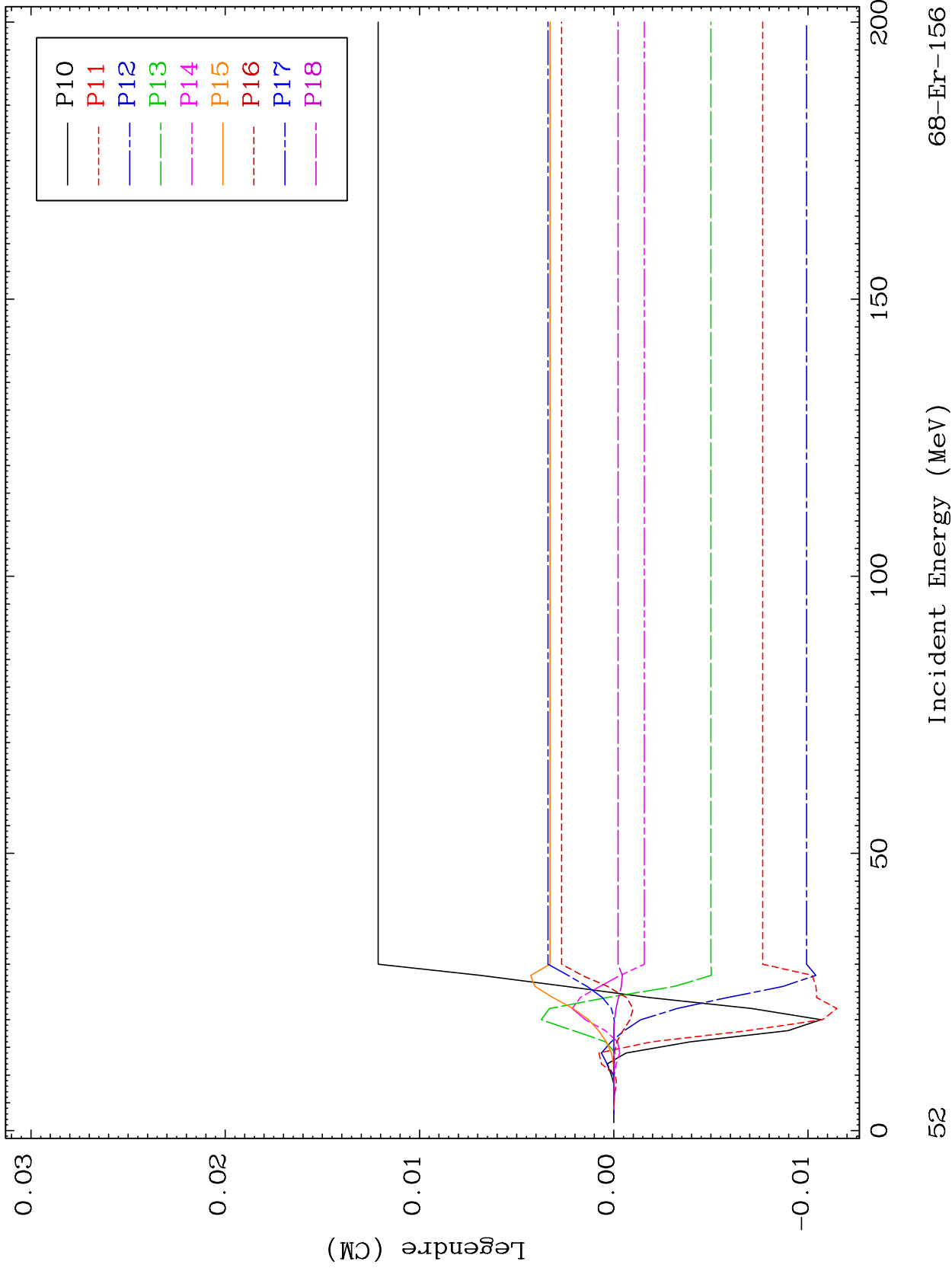
Incident Energy (MeV)

68-Er-156

MAT 6807

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

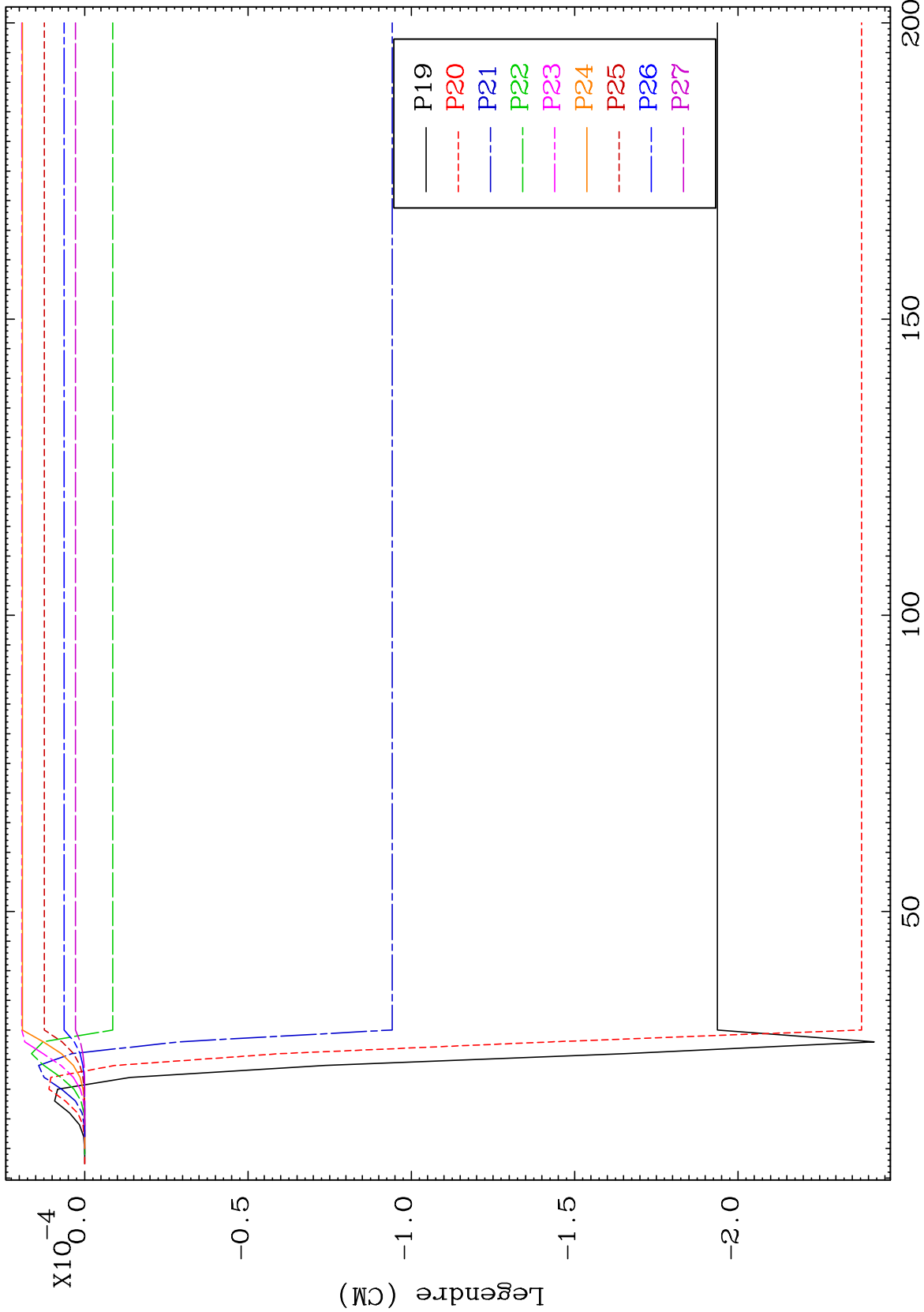
68-Er-156



68-Er-156

Incident Energy (MeV)

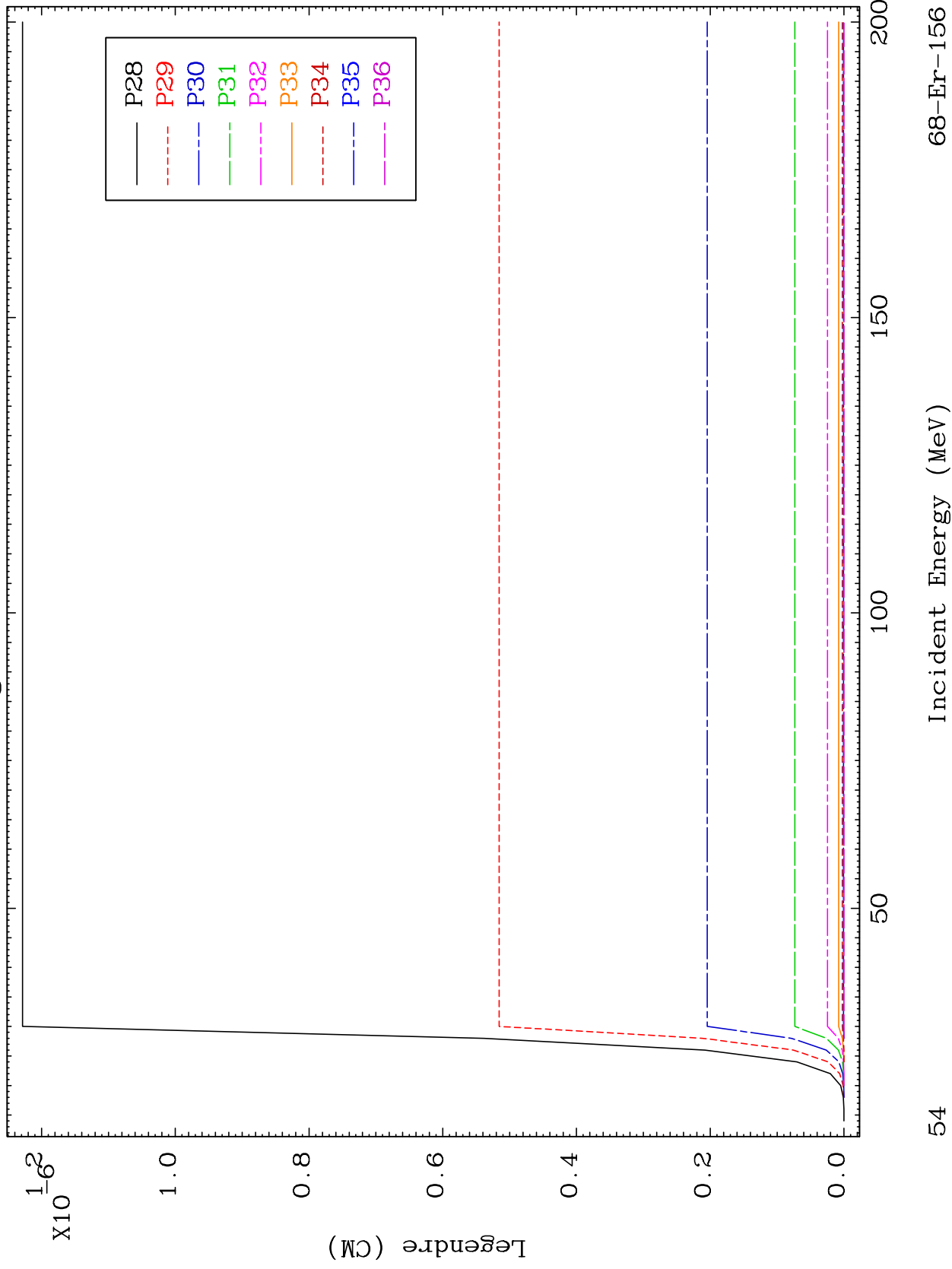
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MAT 6807

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

68-Er-156



54

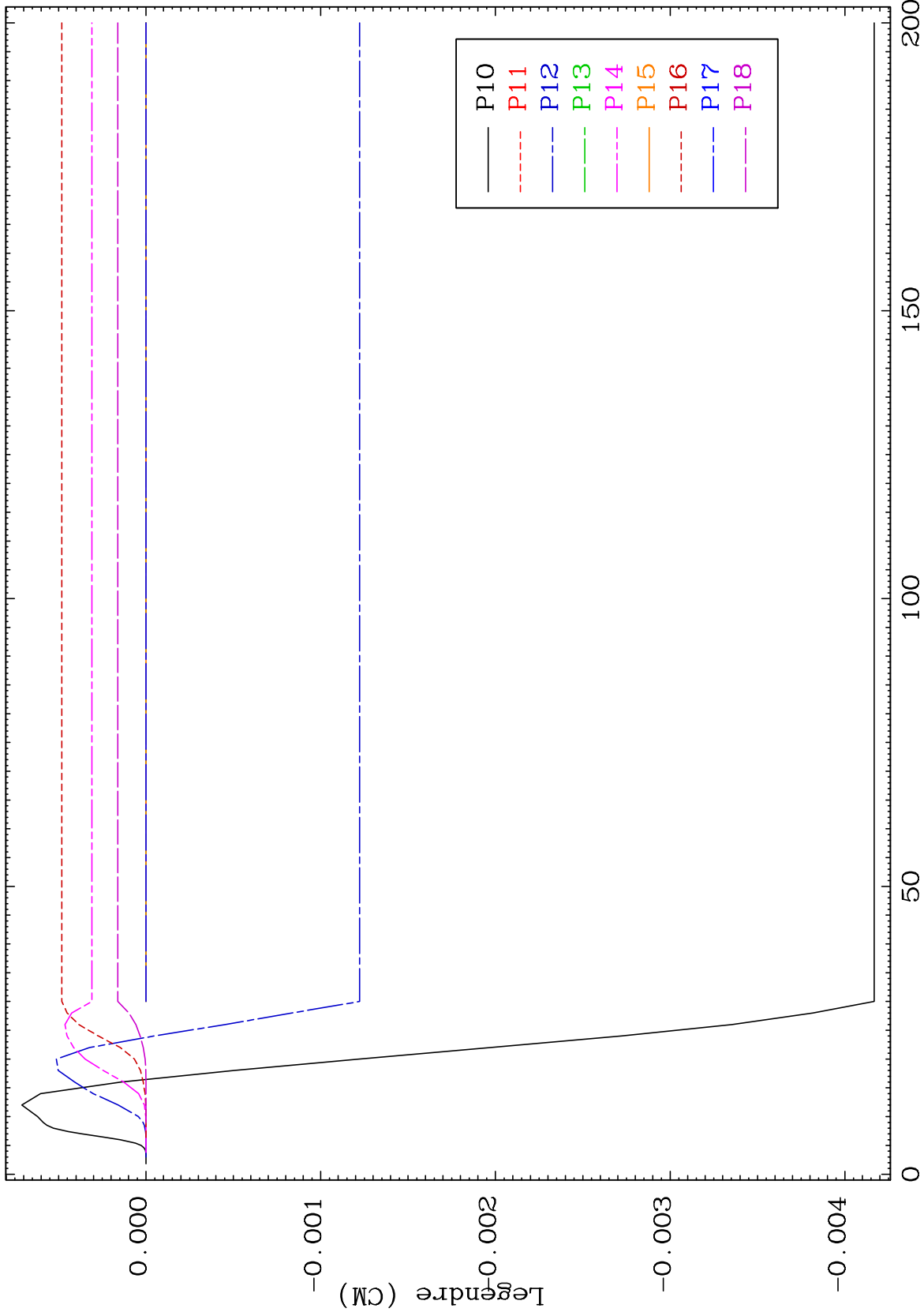
Incident Energy (MeV)

68-Er-156

MAT 6807

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

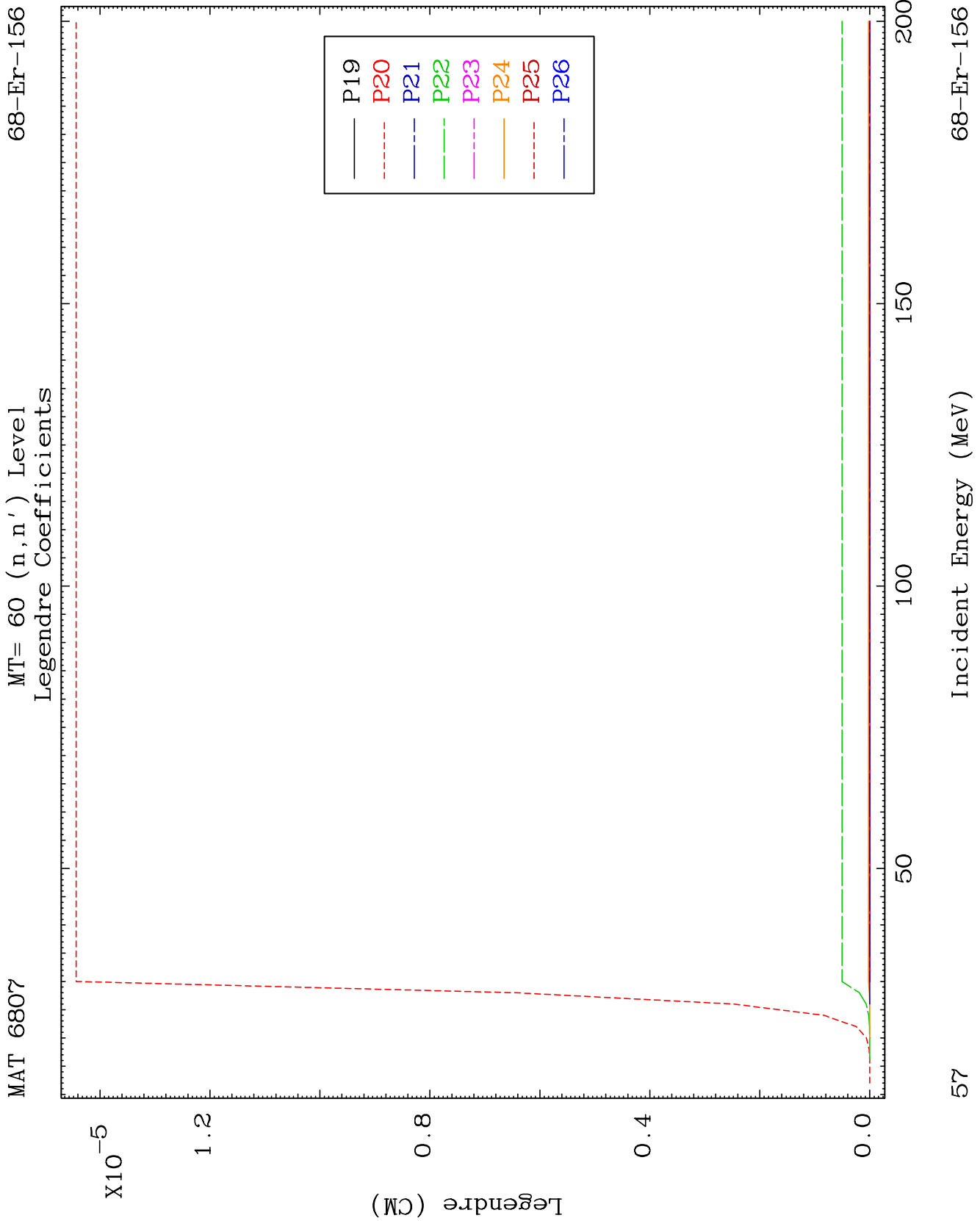
68-Er-156



56

Incident Energy (MeV)

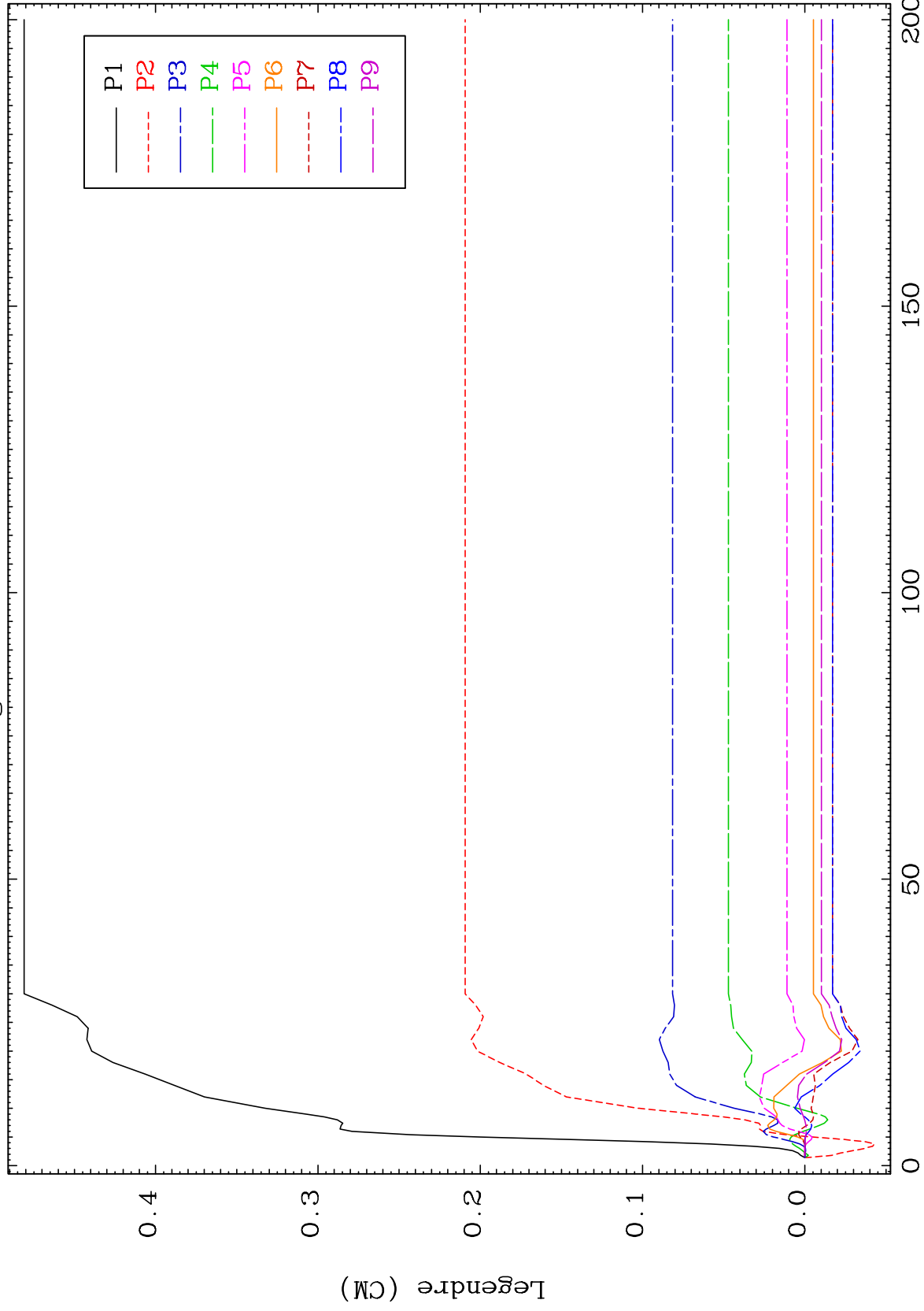
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

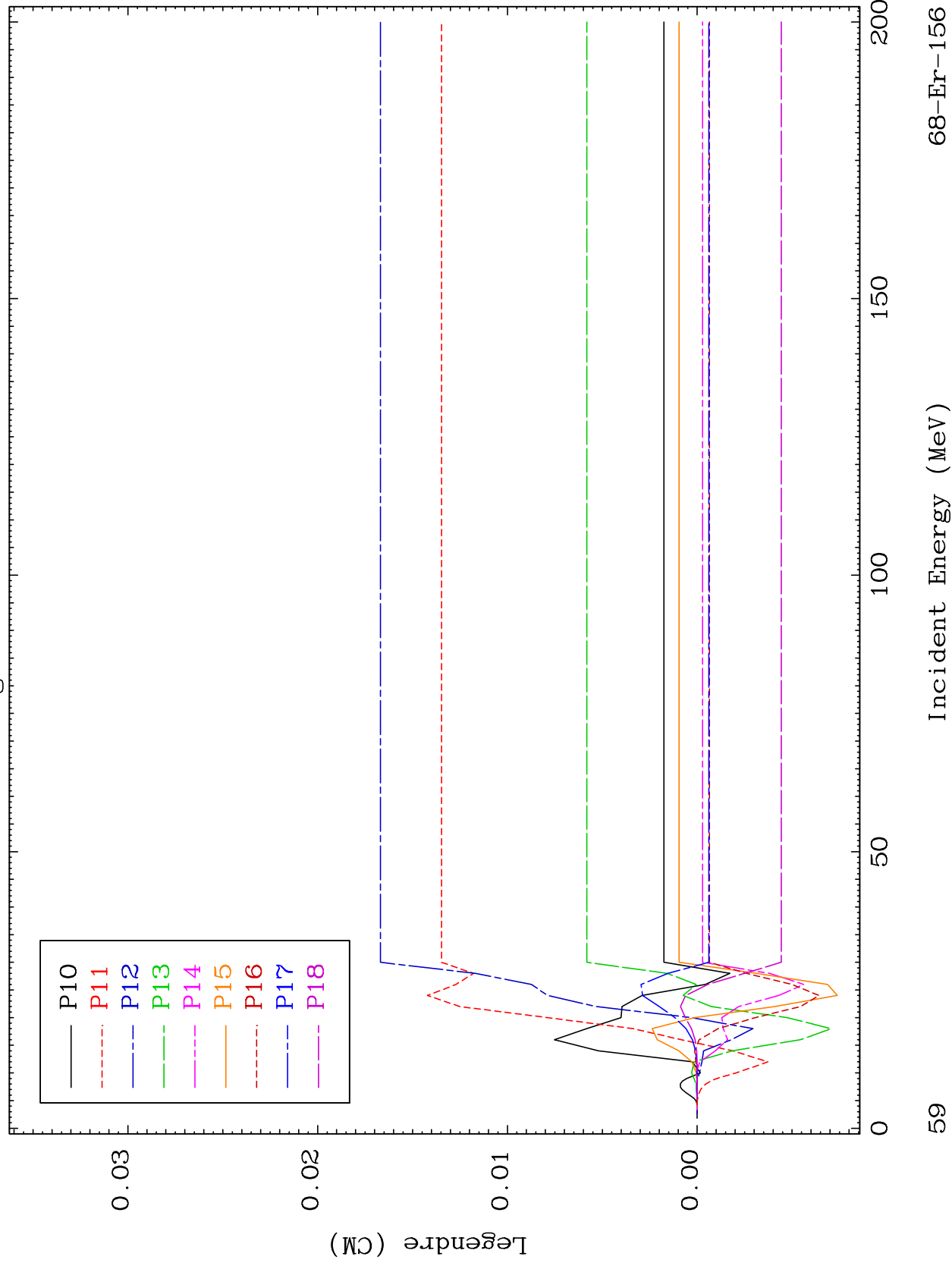
Incident Energy (MeV)

58

MAT 6807

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

68-Er-156



59

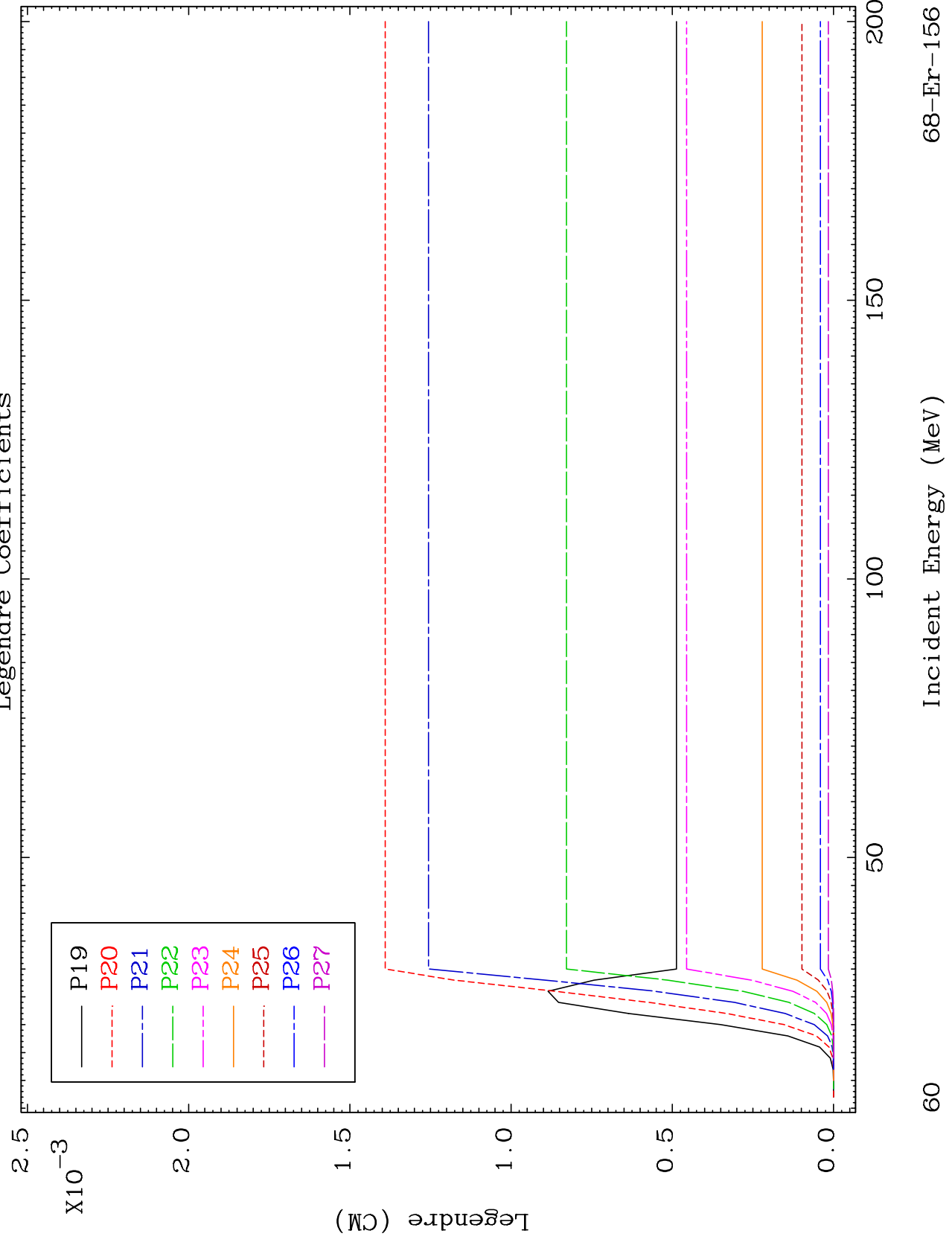
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

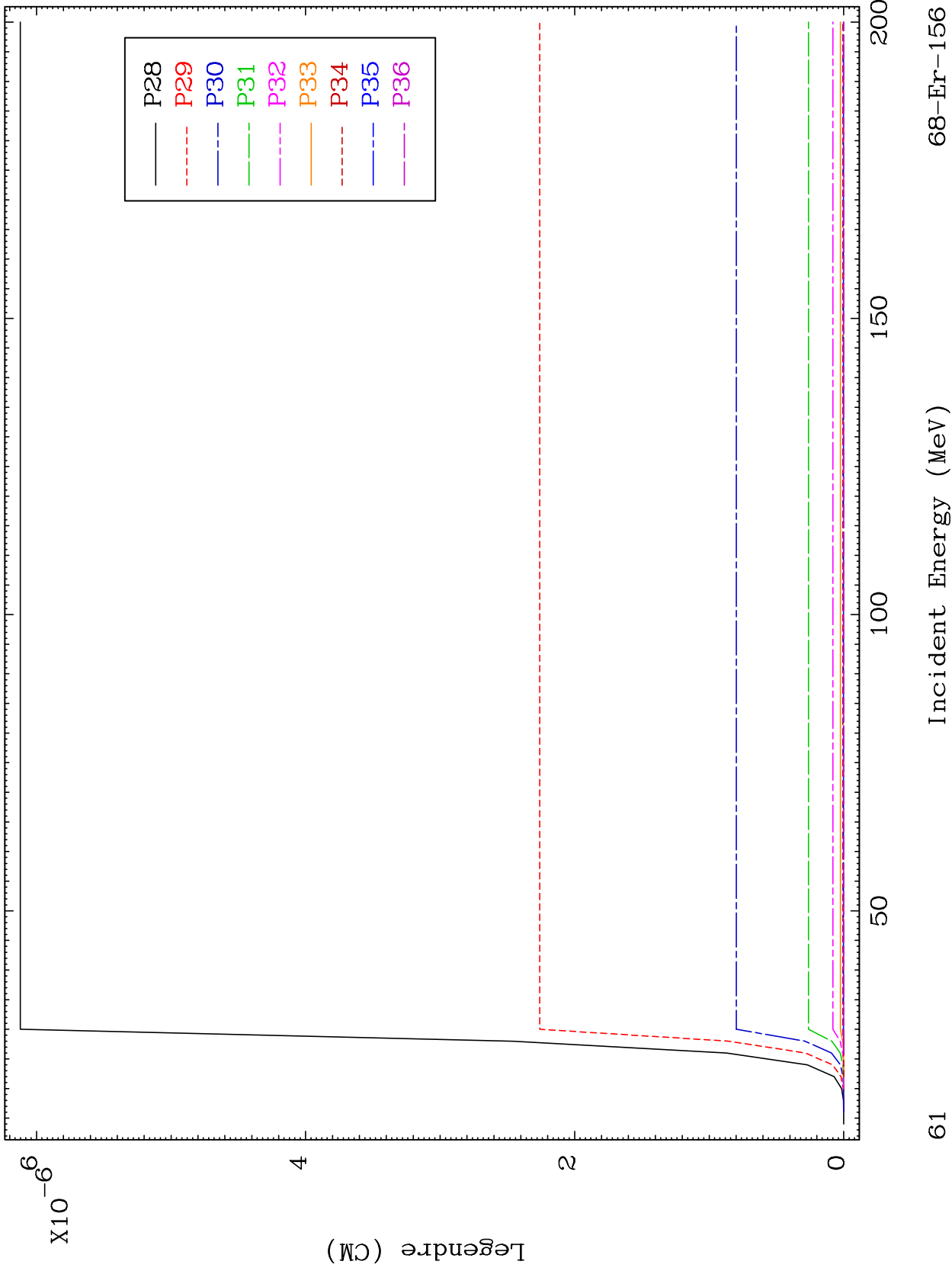
Incident Energy (MeV)

60

MAT 6807

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

68-Er-156



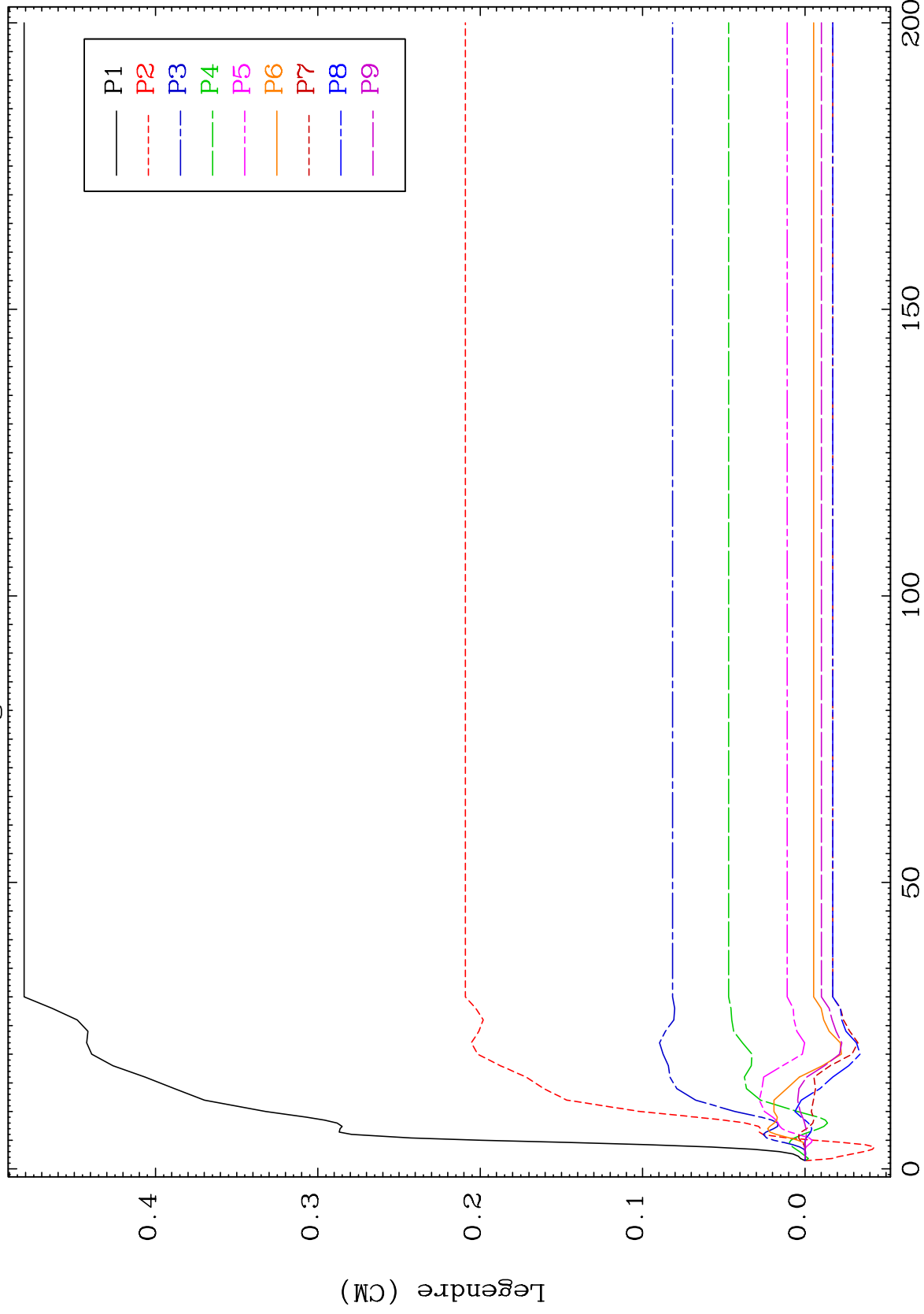
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68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

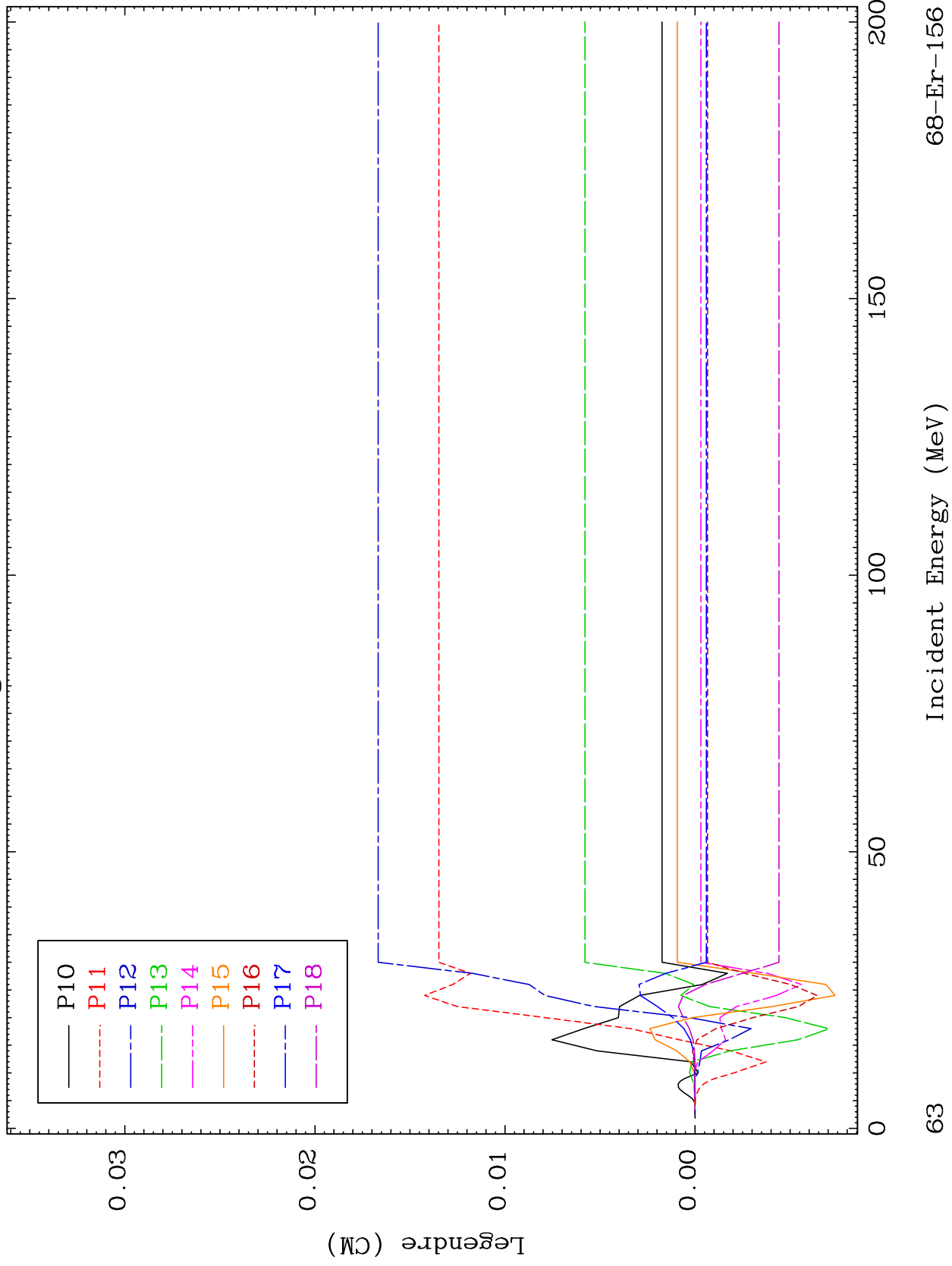
Incident Energy (MeV)

62

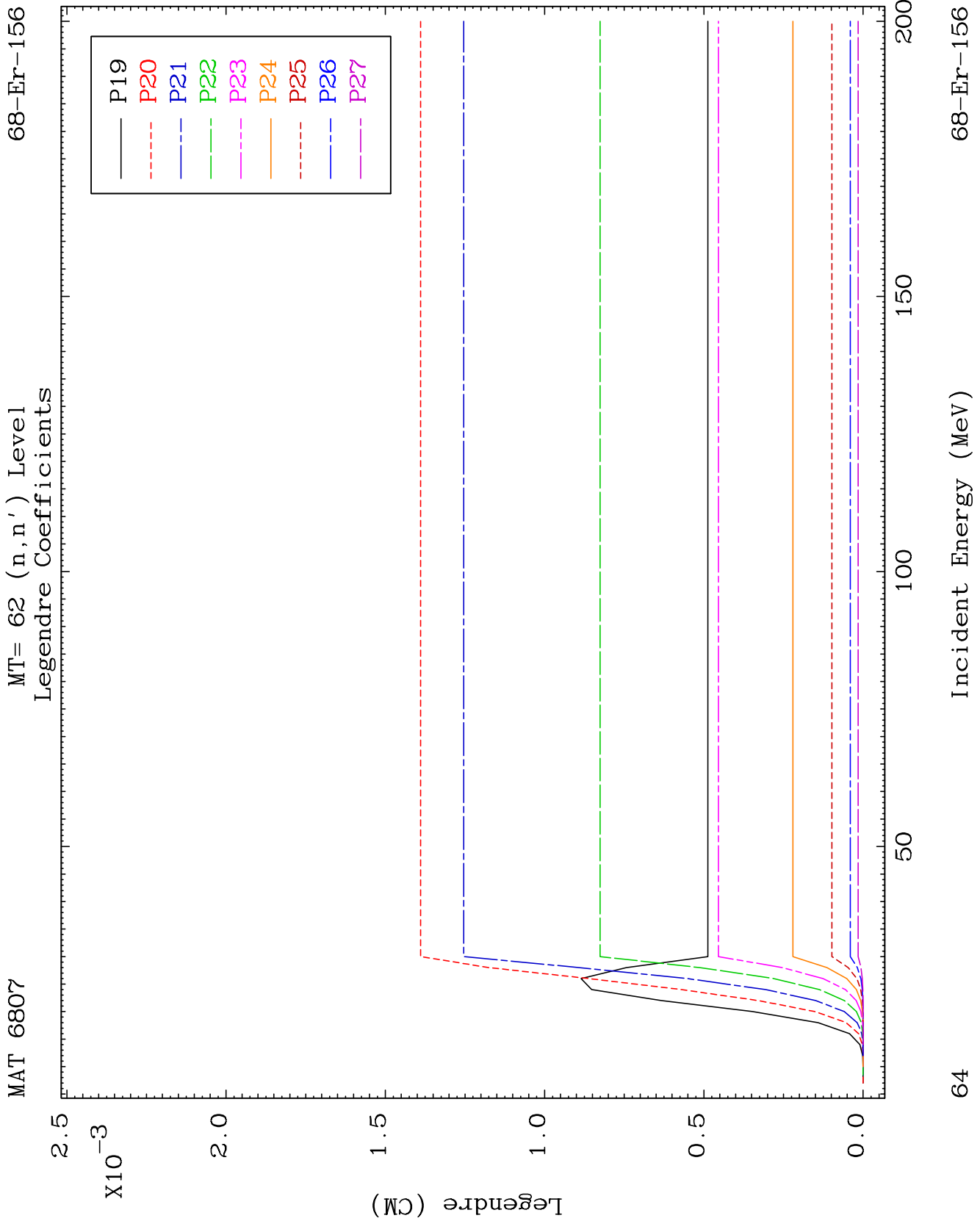
MAT 6807

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

68-Er-156



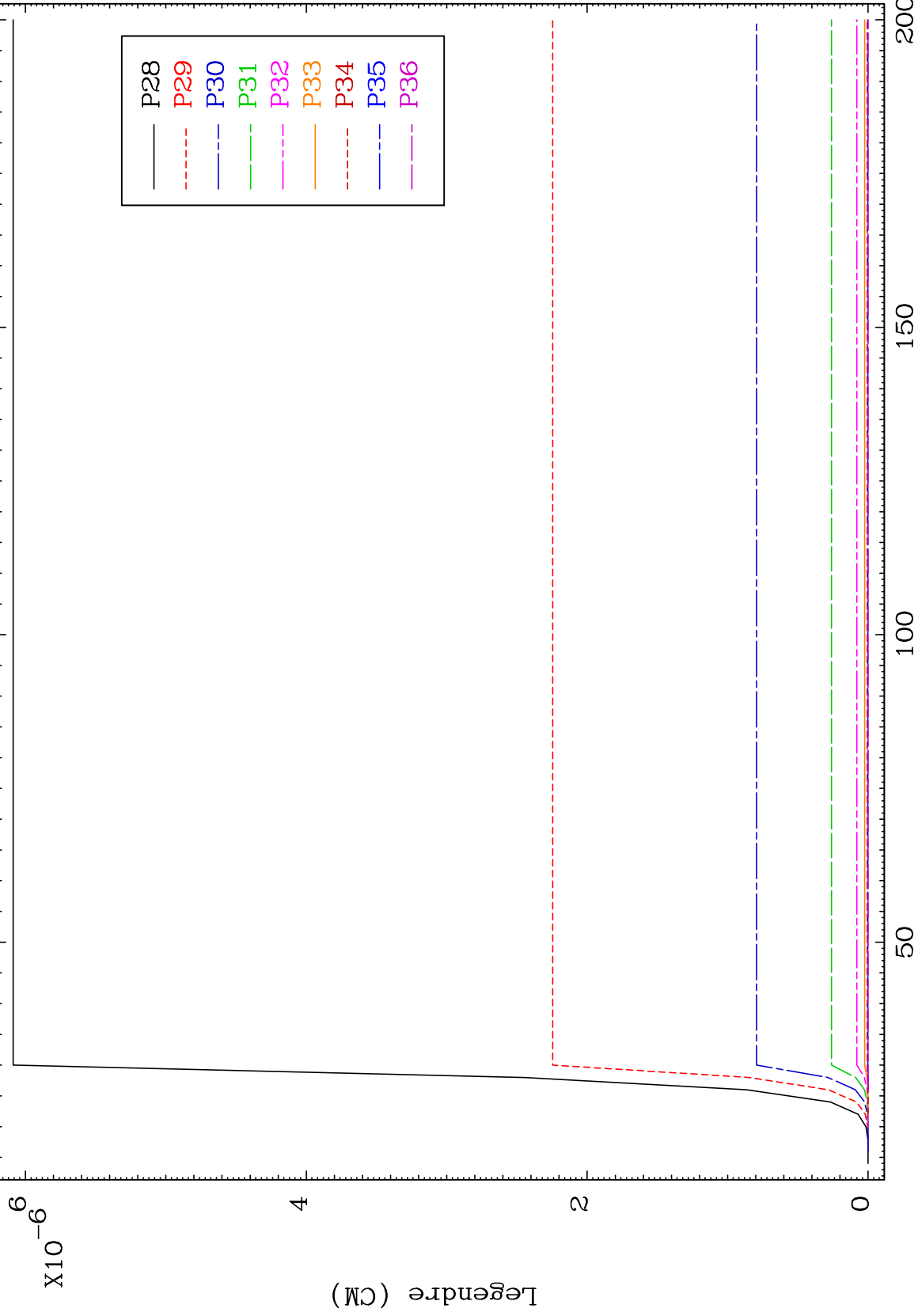
63



MAT 6807

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

68-Er-156



65

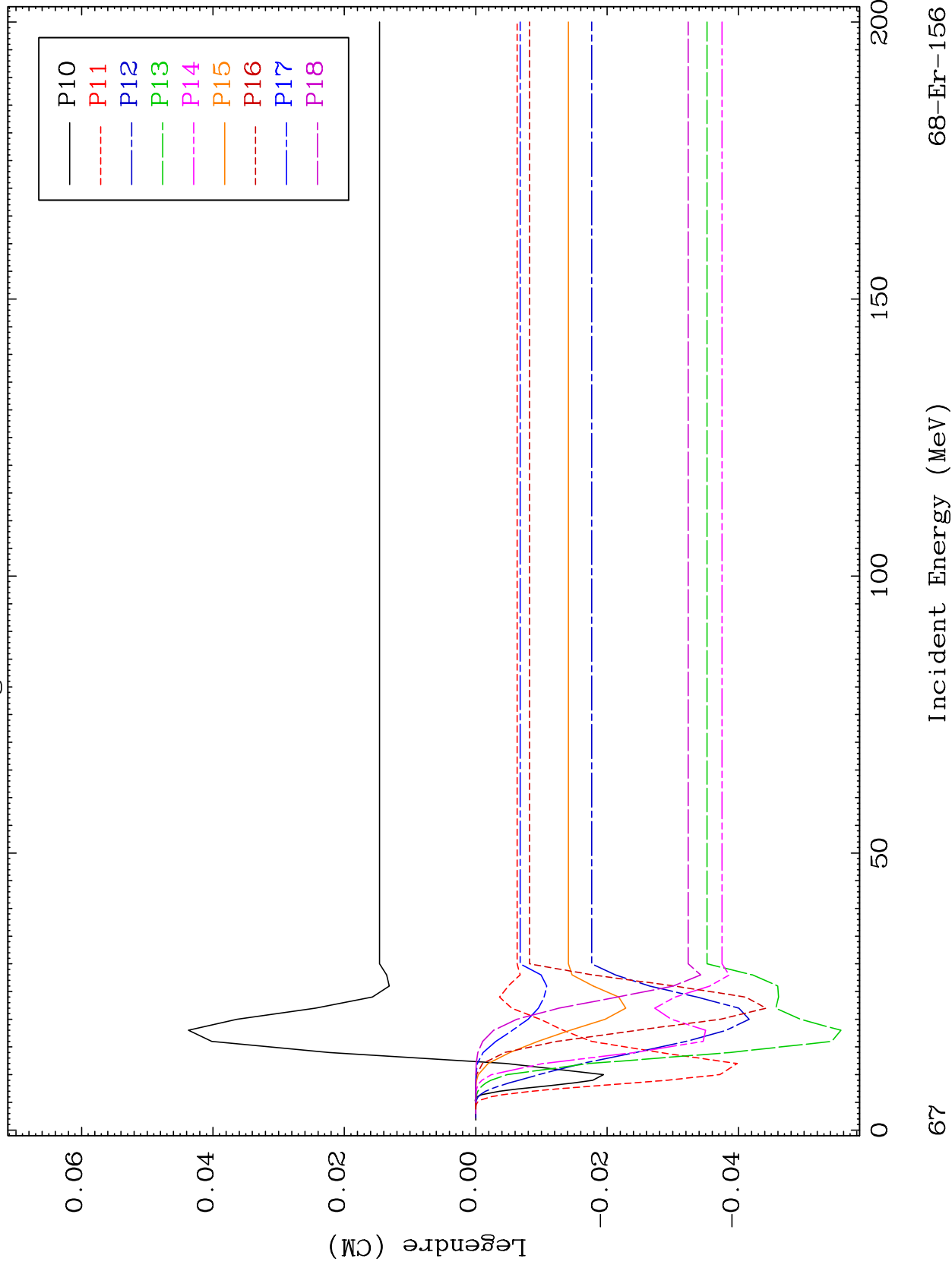
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

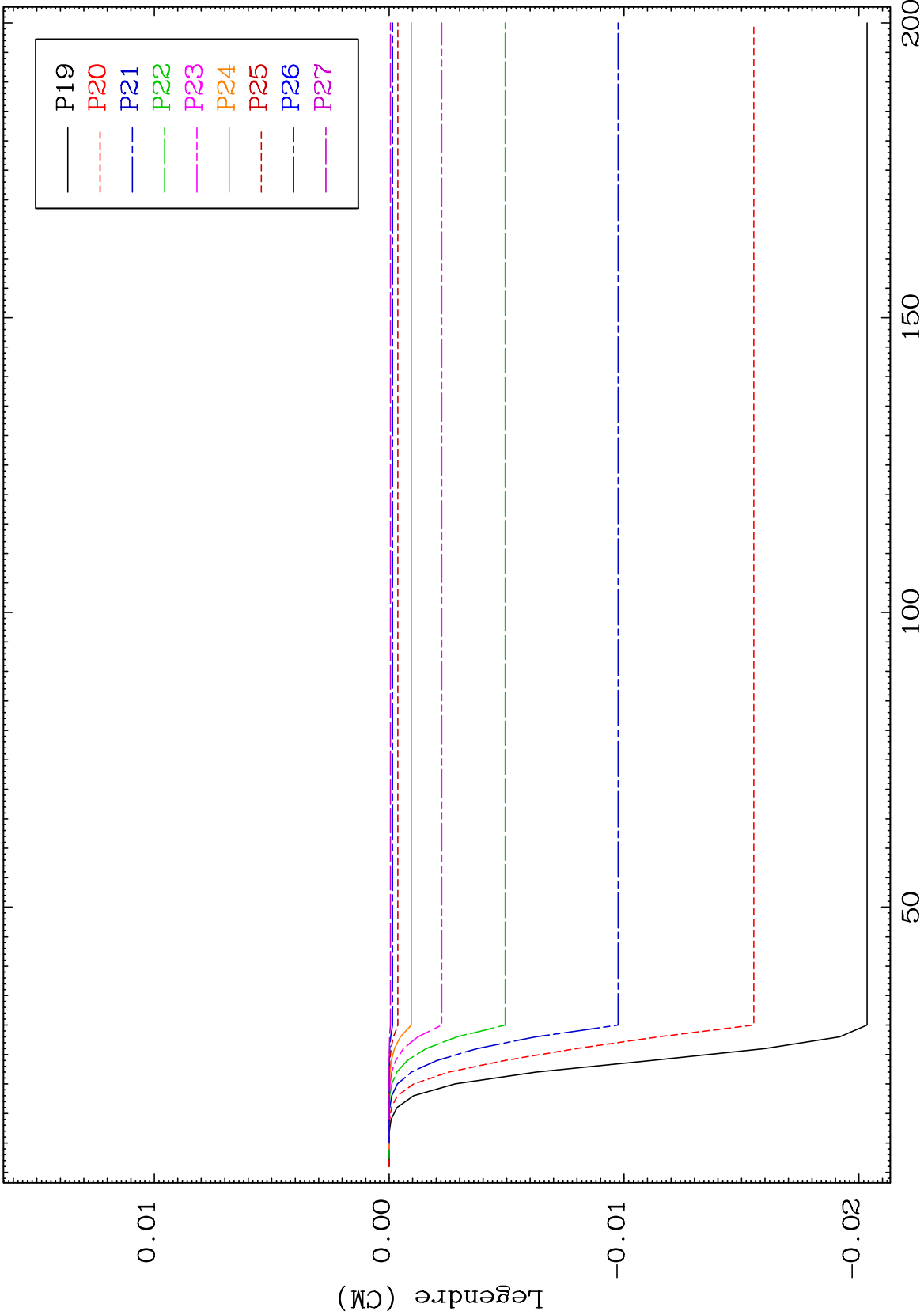
Incident Energy (MeV)

67

MAT 6807

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

68-Er-156



68

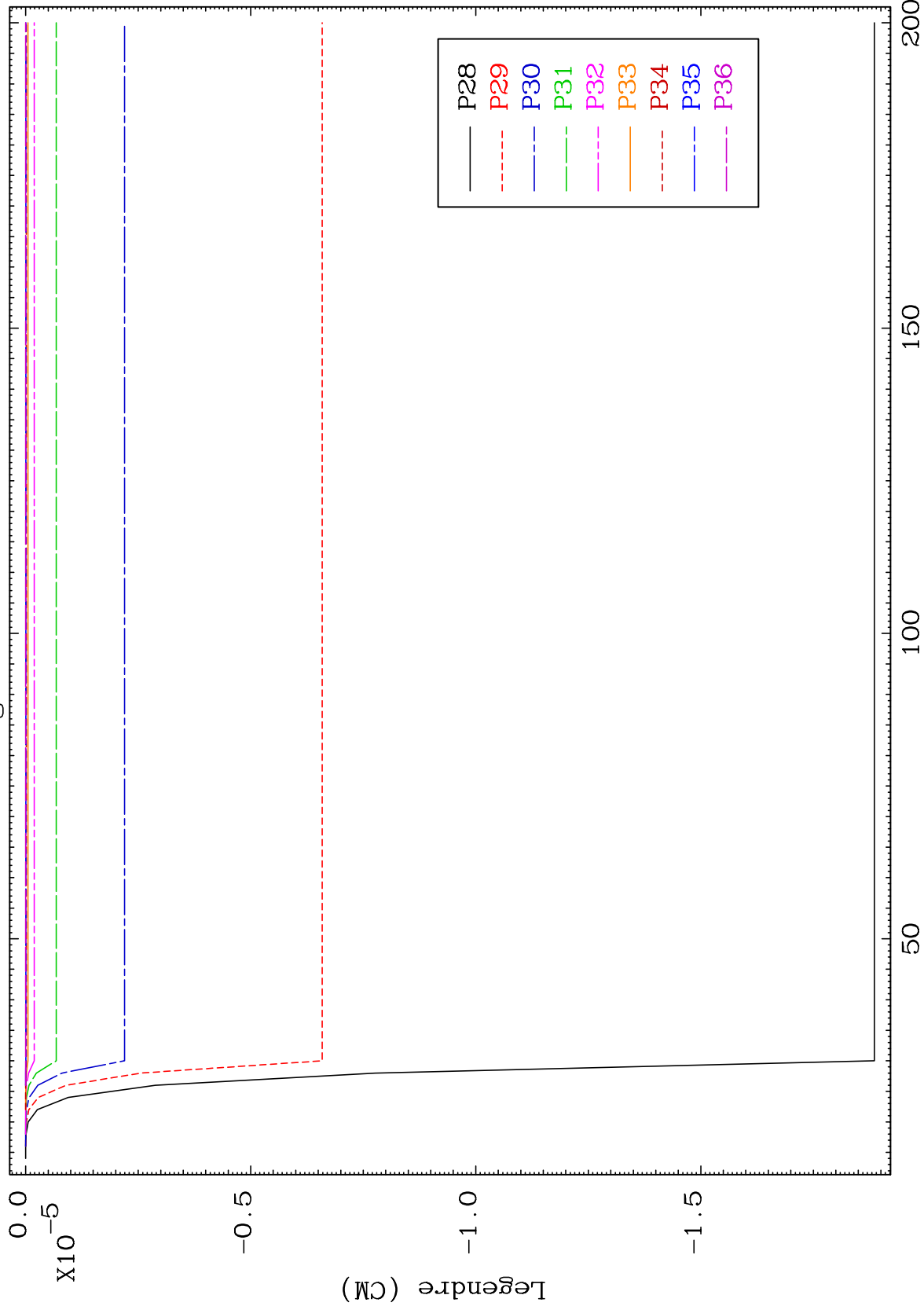
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



69

Incident Energy (MeV)

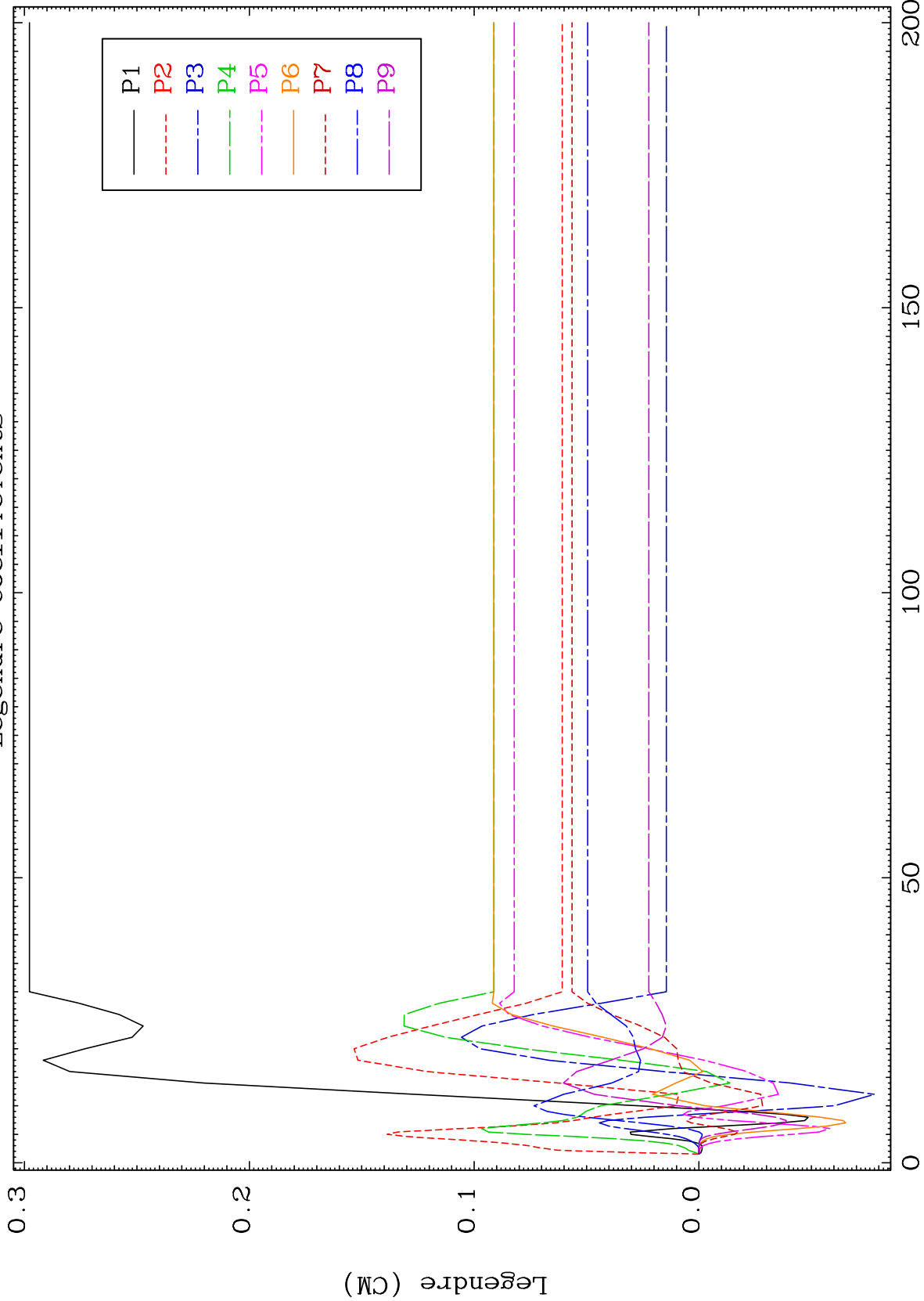
68-Er-156

MAT 6807

MT= 64 (n,n') Level

68-Er-156

Legendre Coefficients



70

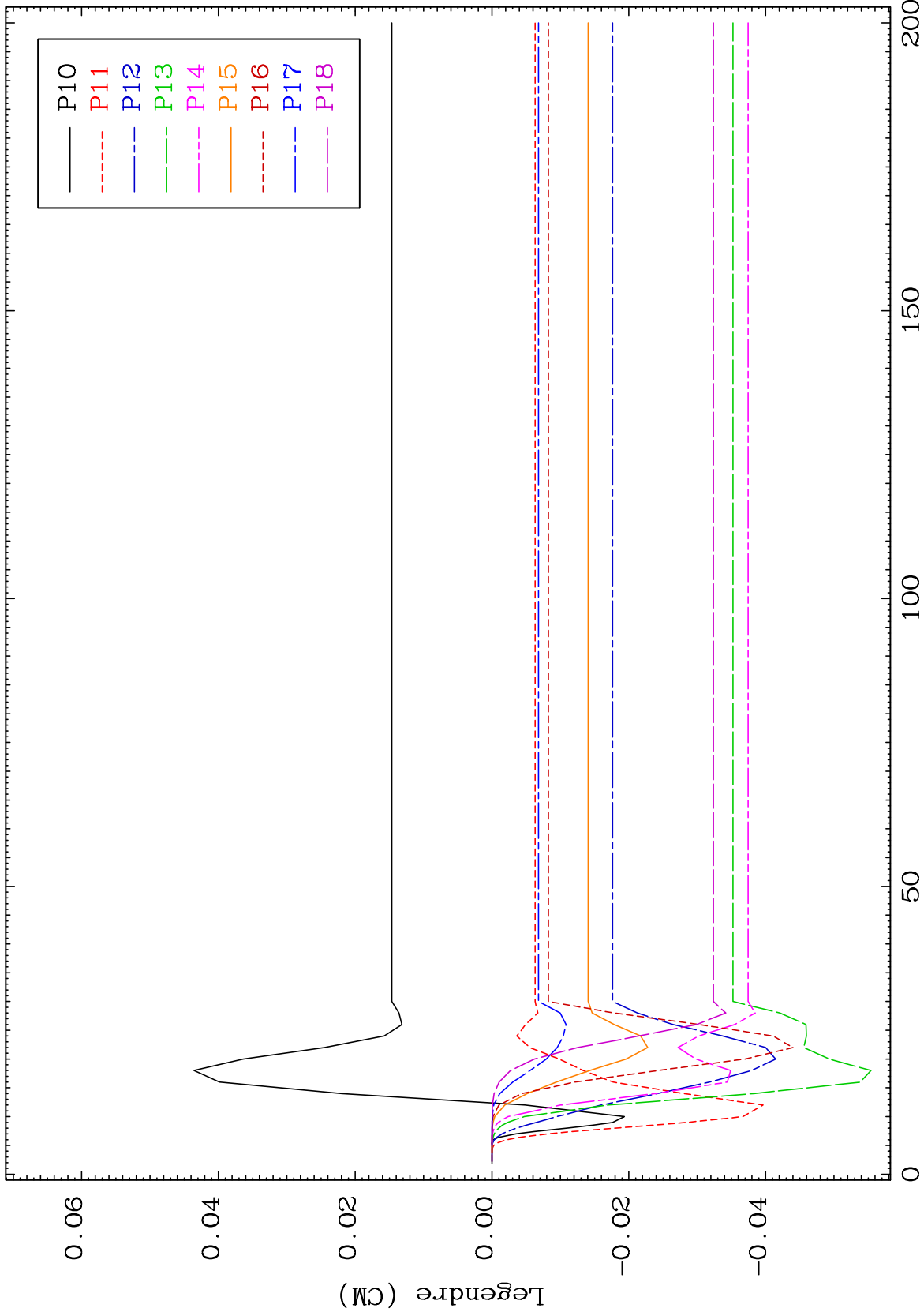
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



71

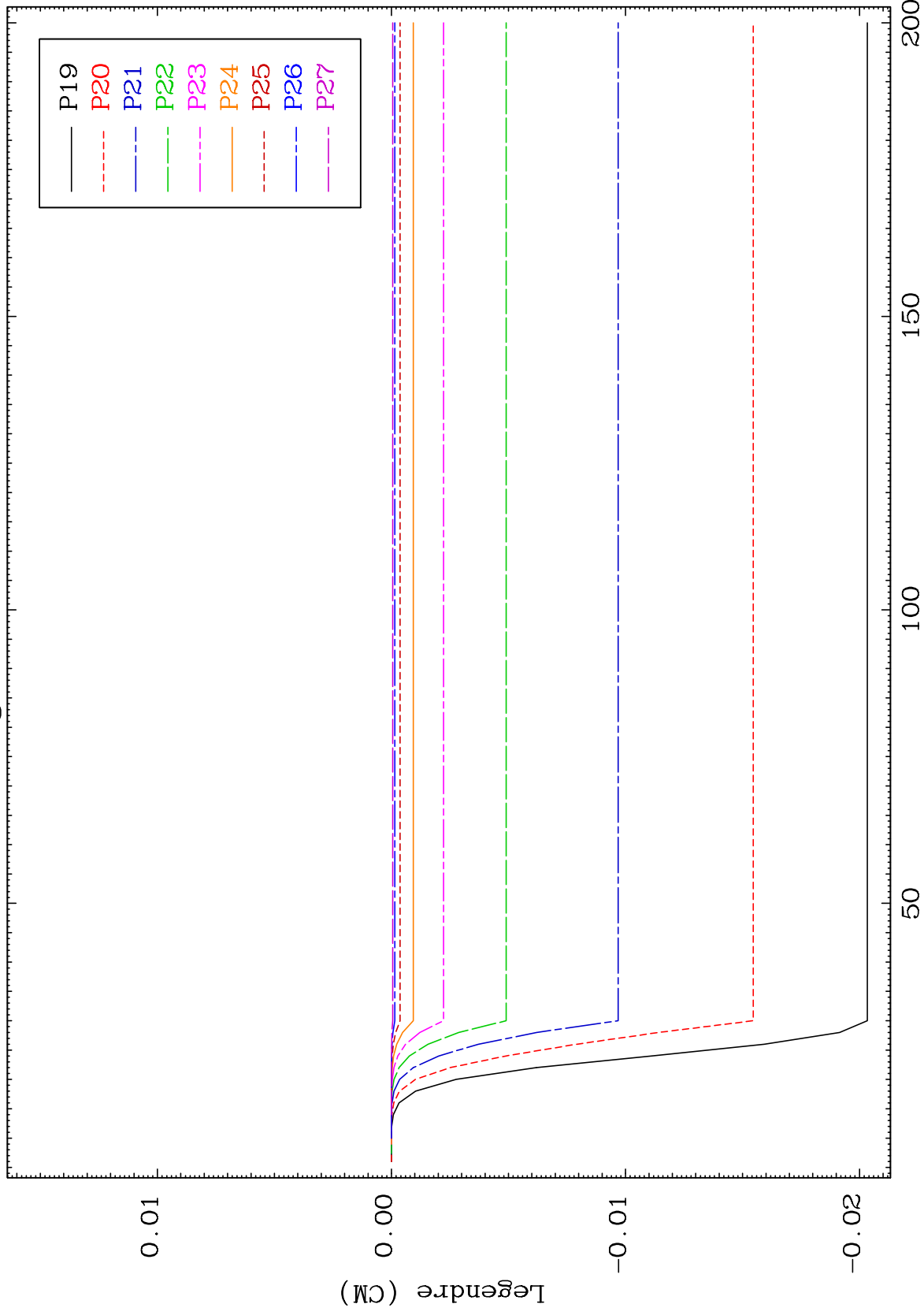
Incident Energy (MeV)

68-Er-156

MAT 6807

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

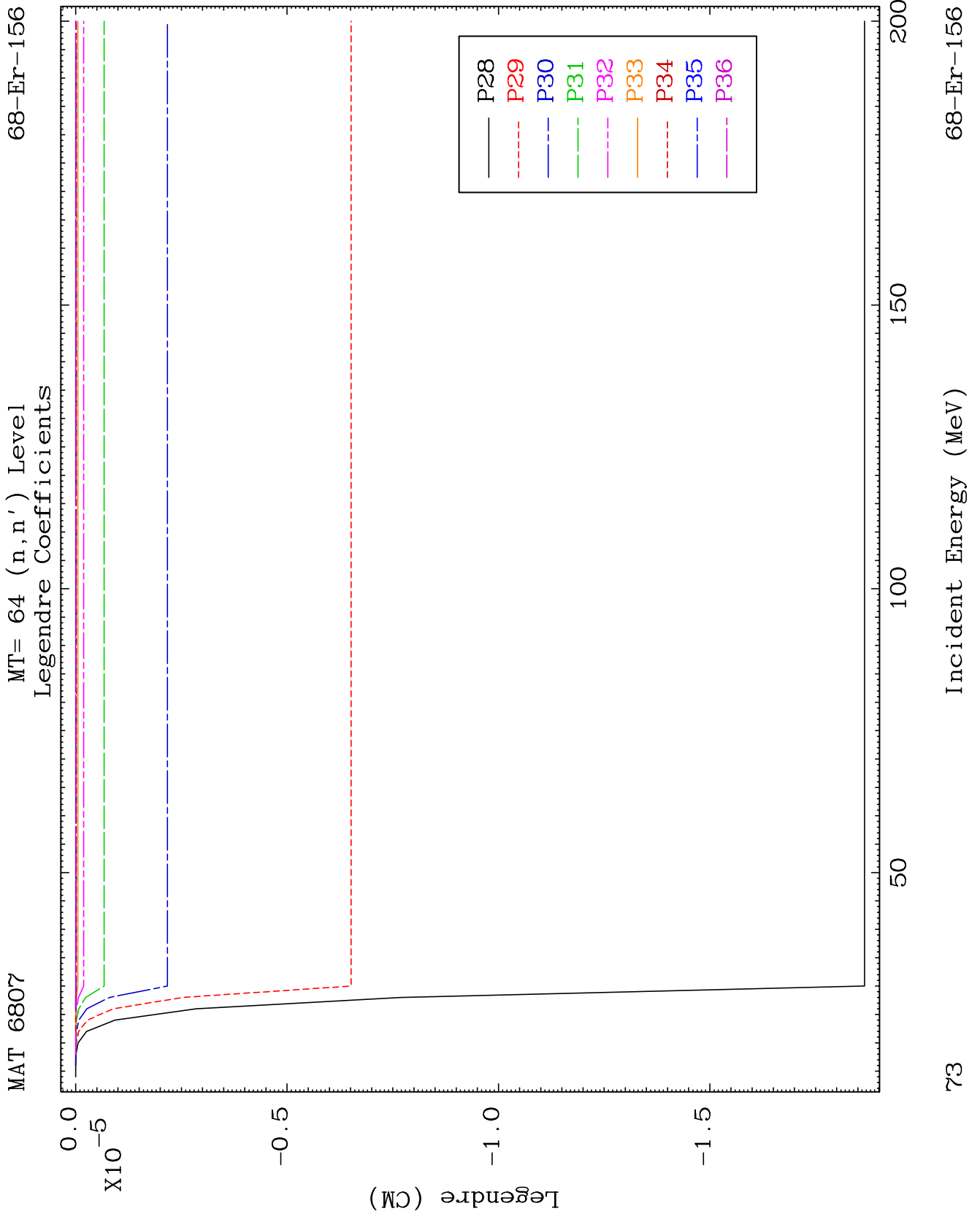
68-Er-156



72

Incident Energy (MeV)

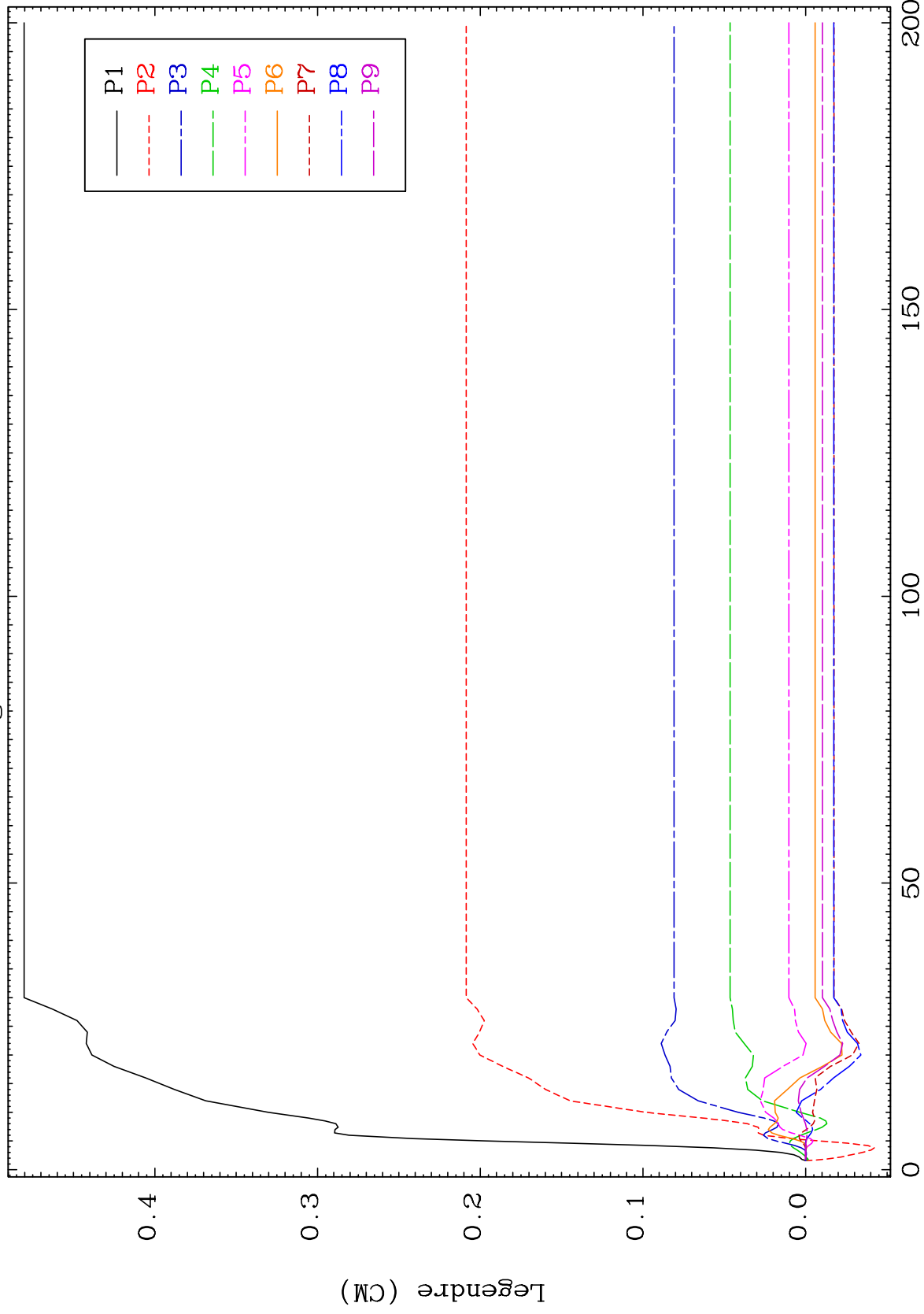
68-Er-156



MAT 6807

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

68-Er-156



74

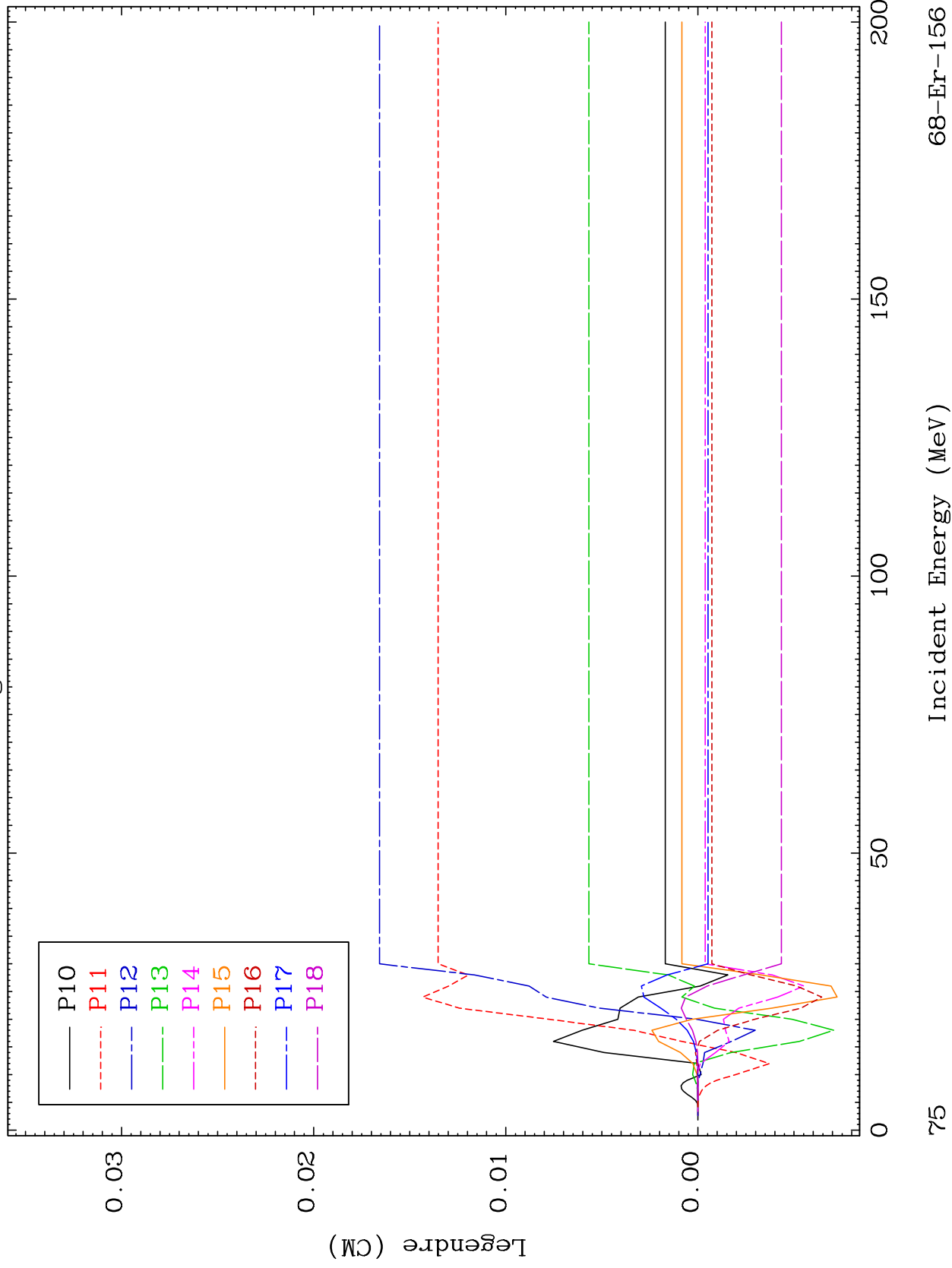
Incident Energy (MeV)

68-Er-156

MAT 6807

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

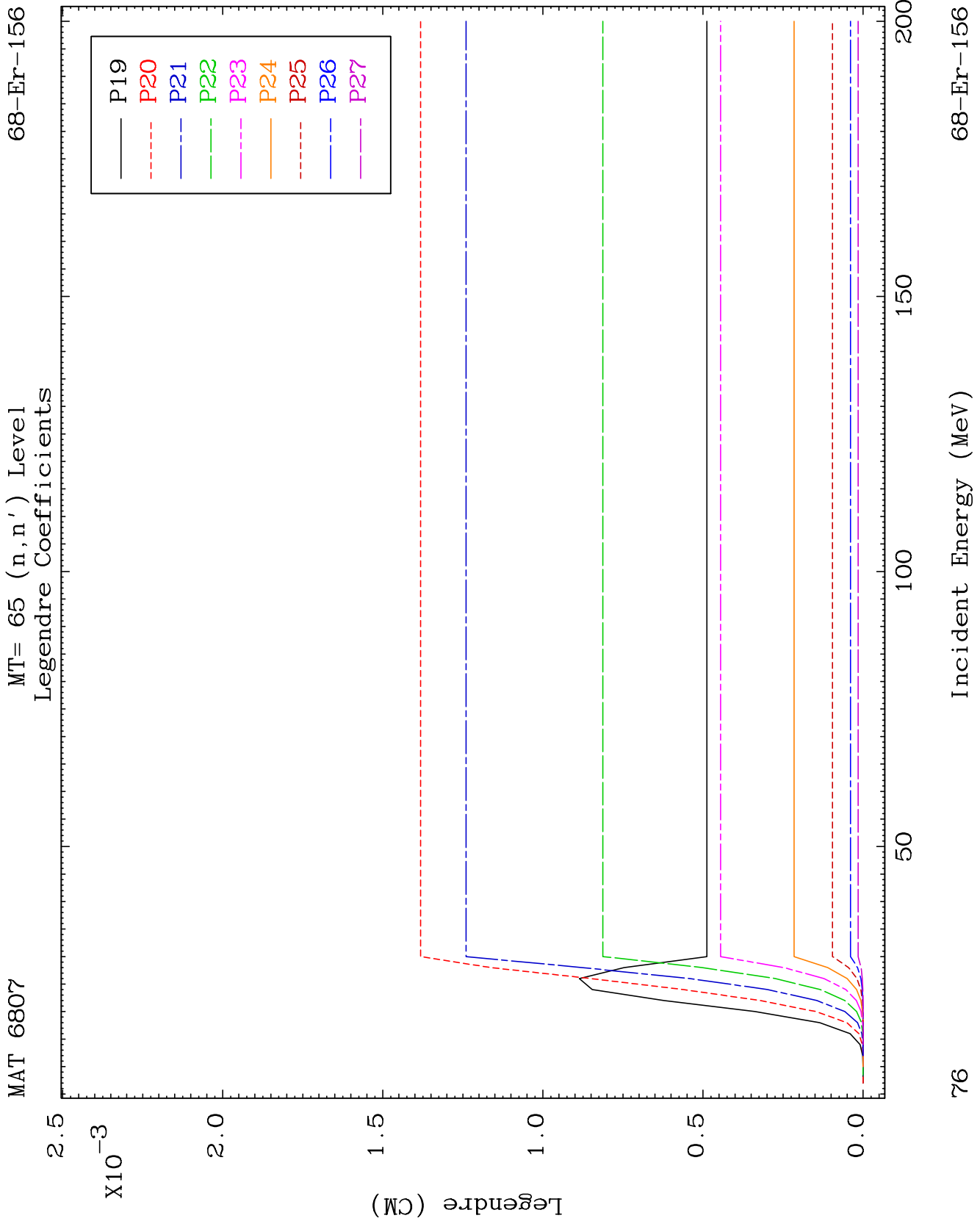
68-Er-156



68-Er-156

Incident Energy (MeV)

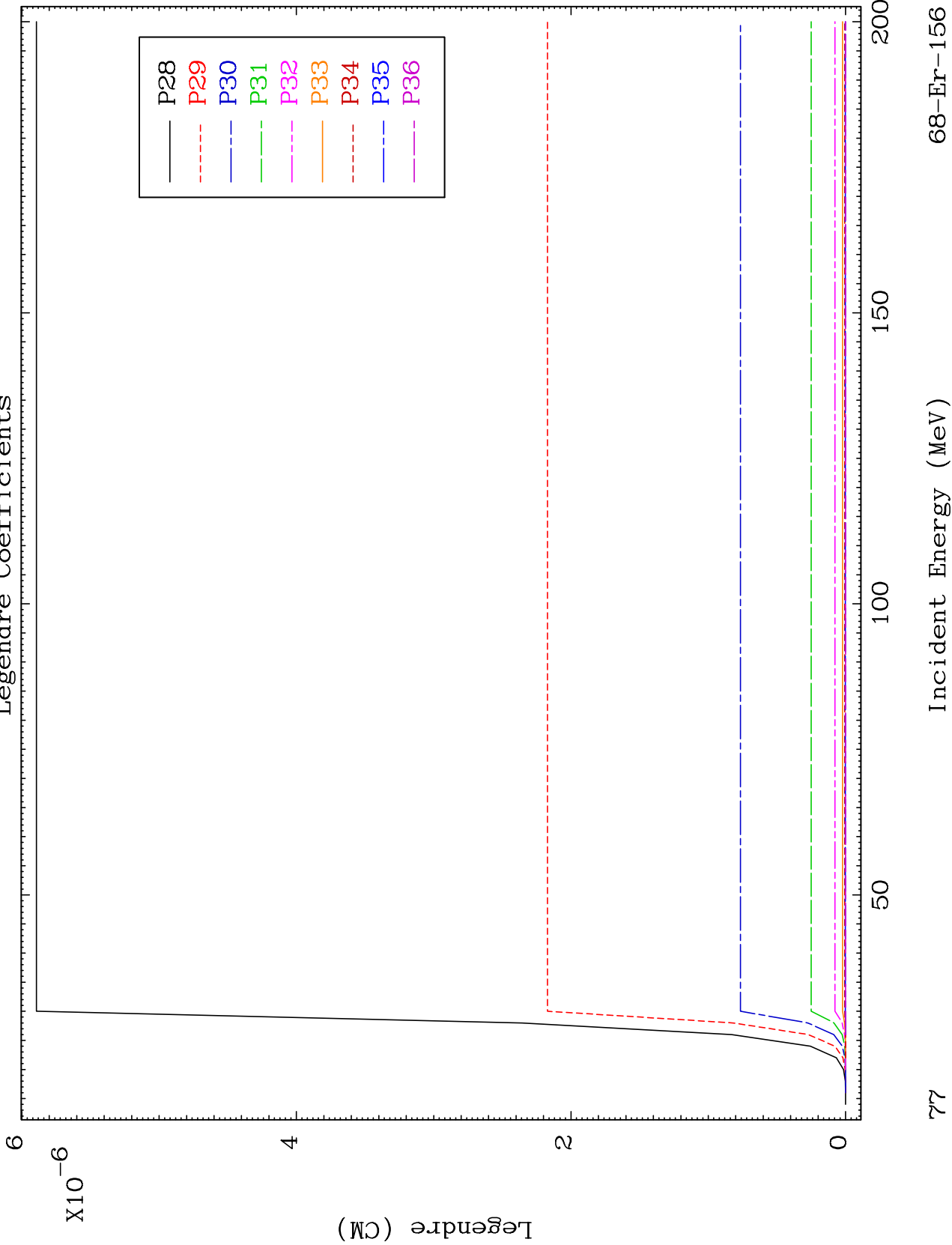
75



MAT 6807

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

68-Er-156

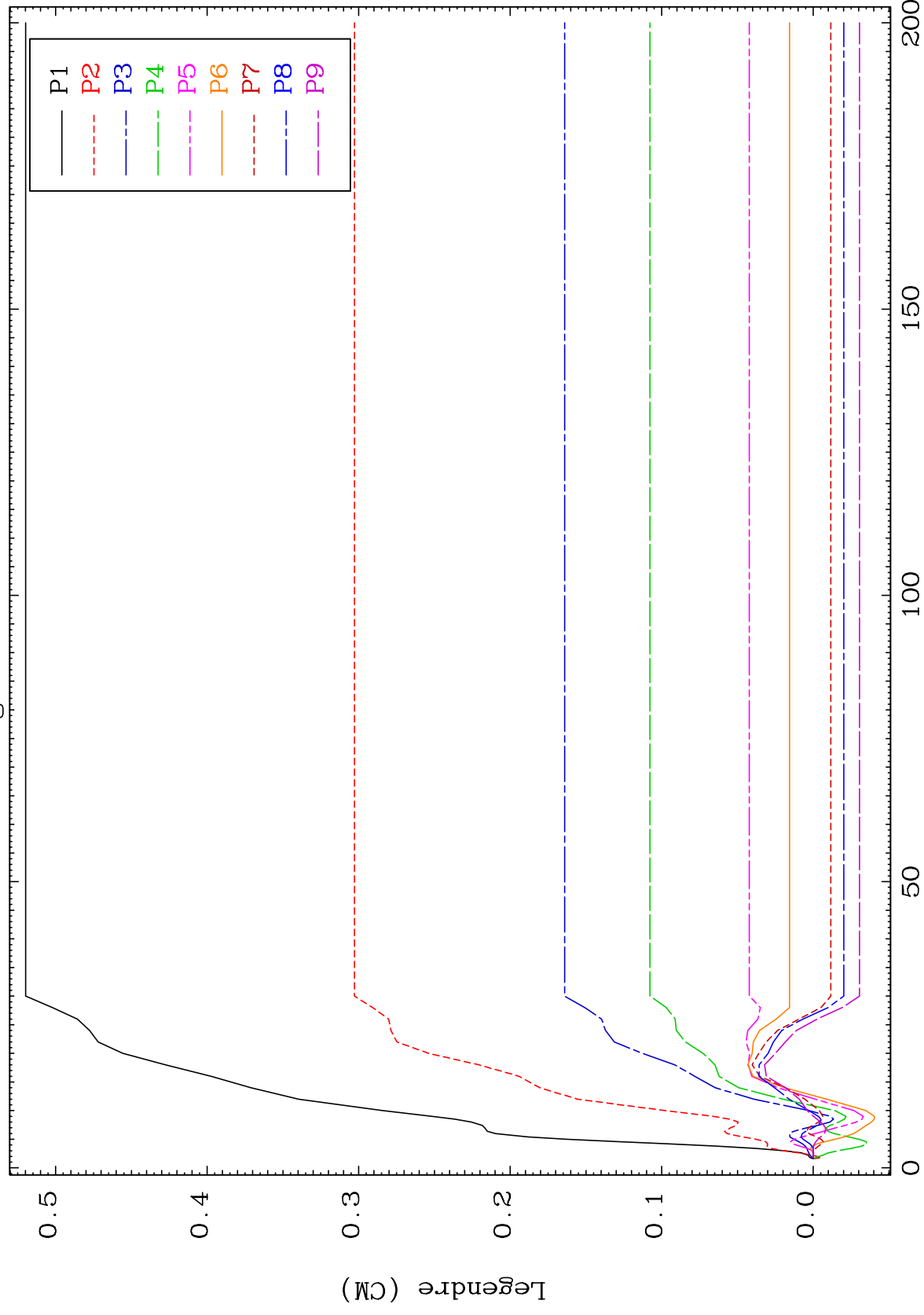


77

MAT 6807

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

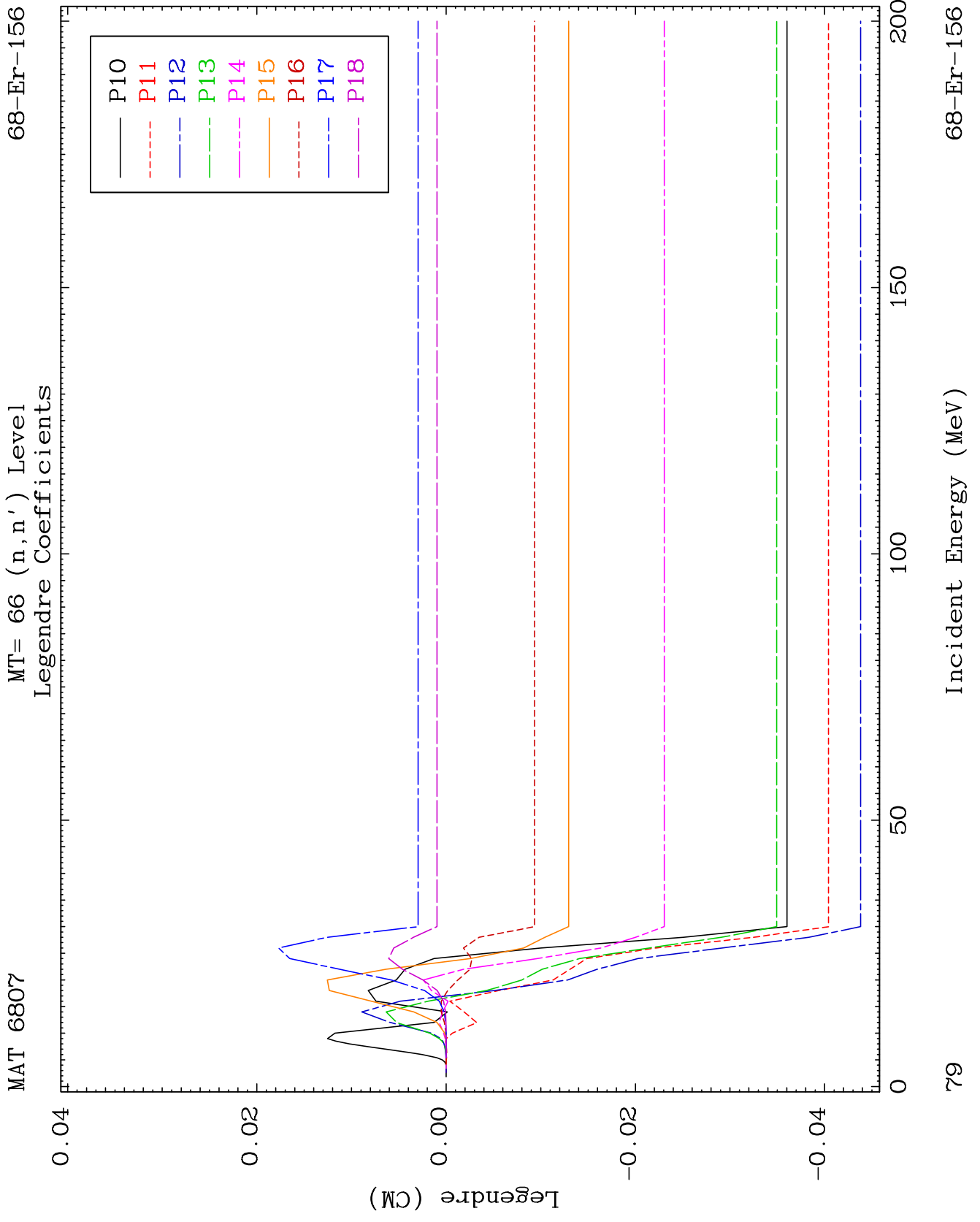
68-Er-156

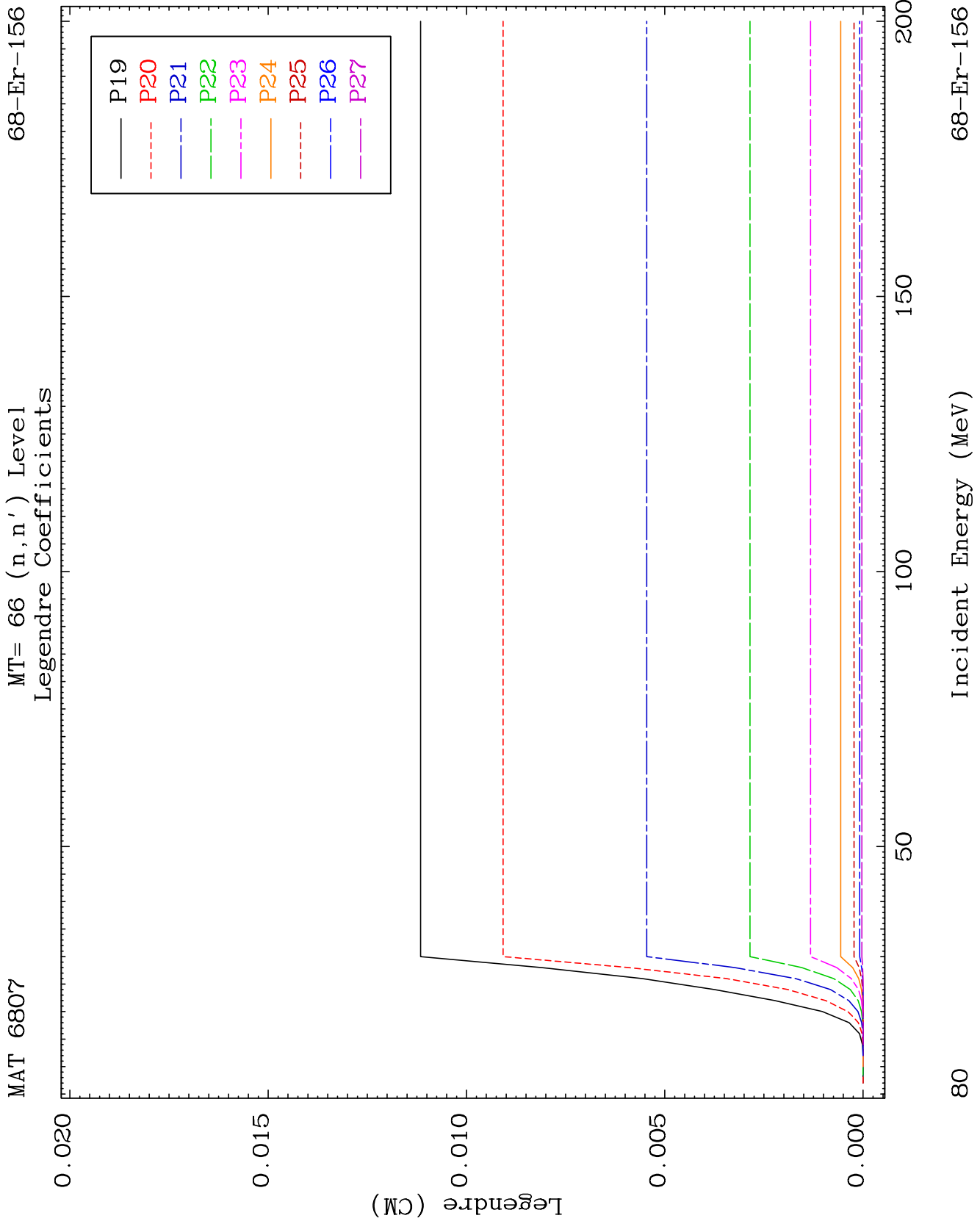


78

Incident Energy (MeV)

68-Er-156

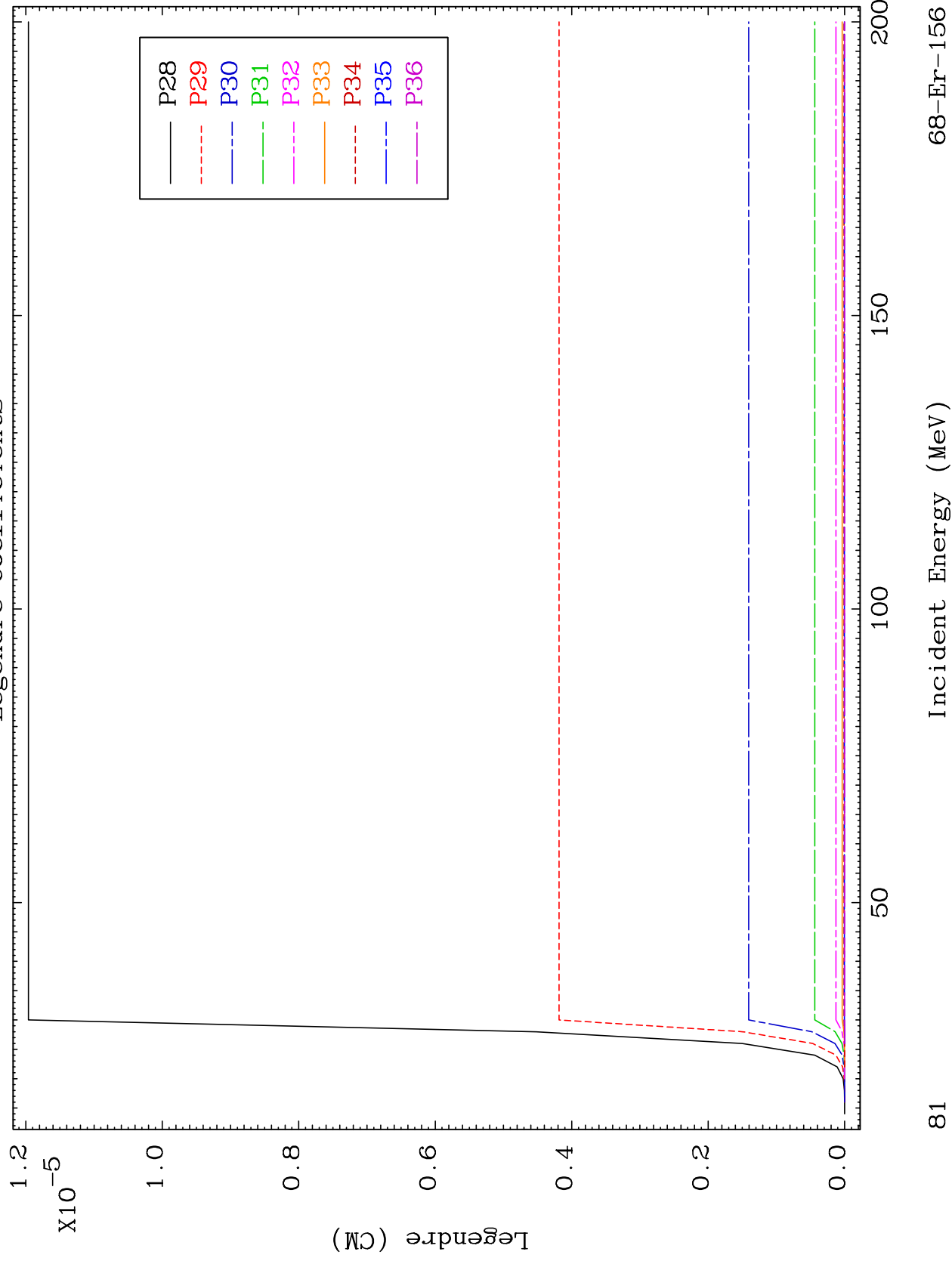




MAT 6807

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

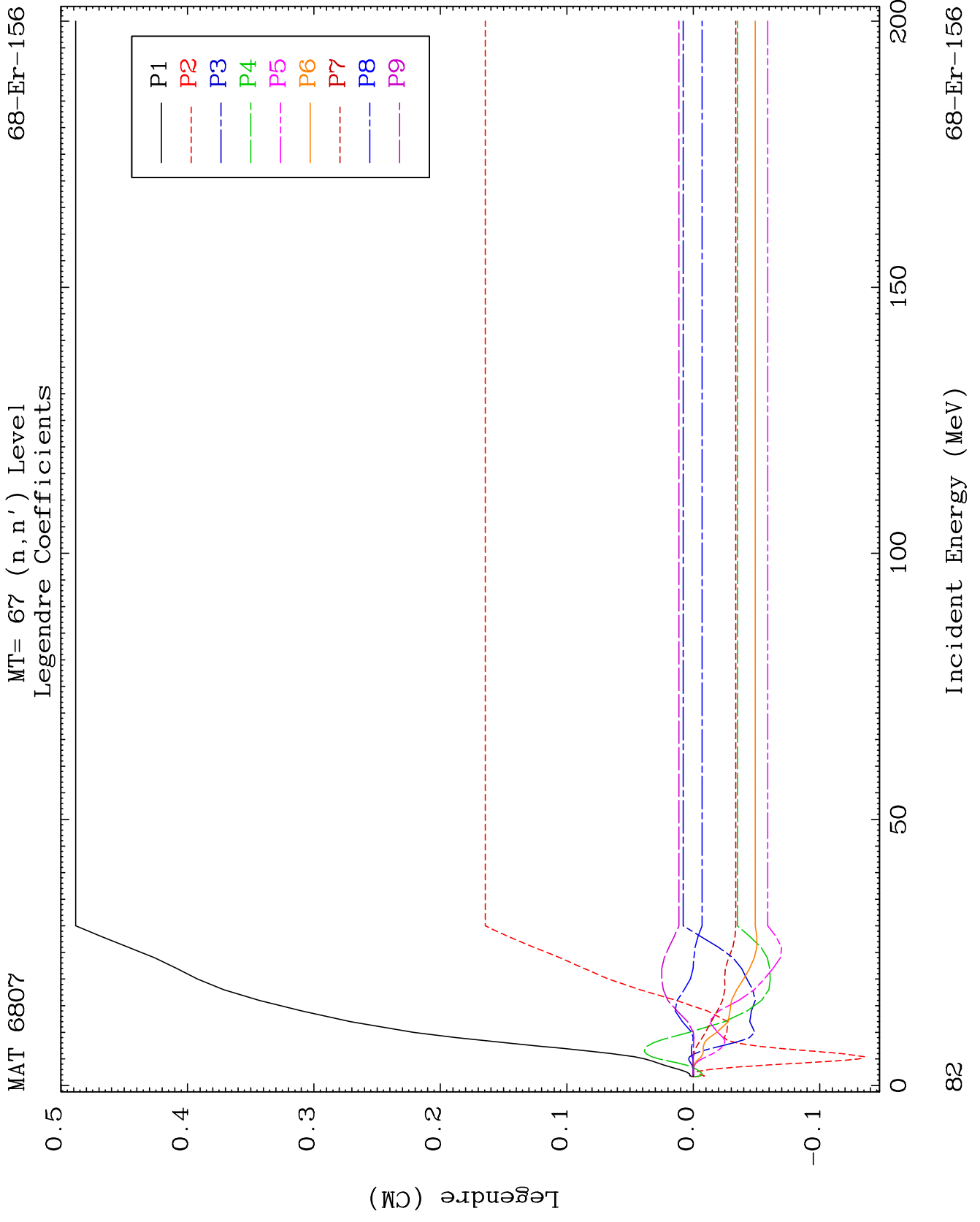
68-Er-156



81

Incident Energy (MeV)

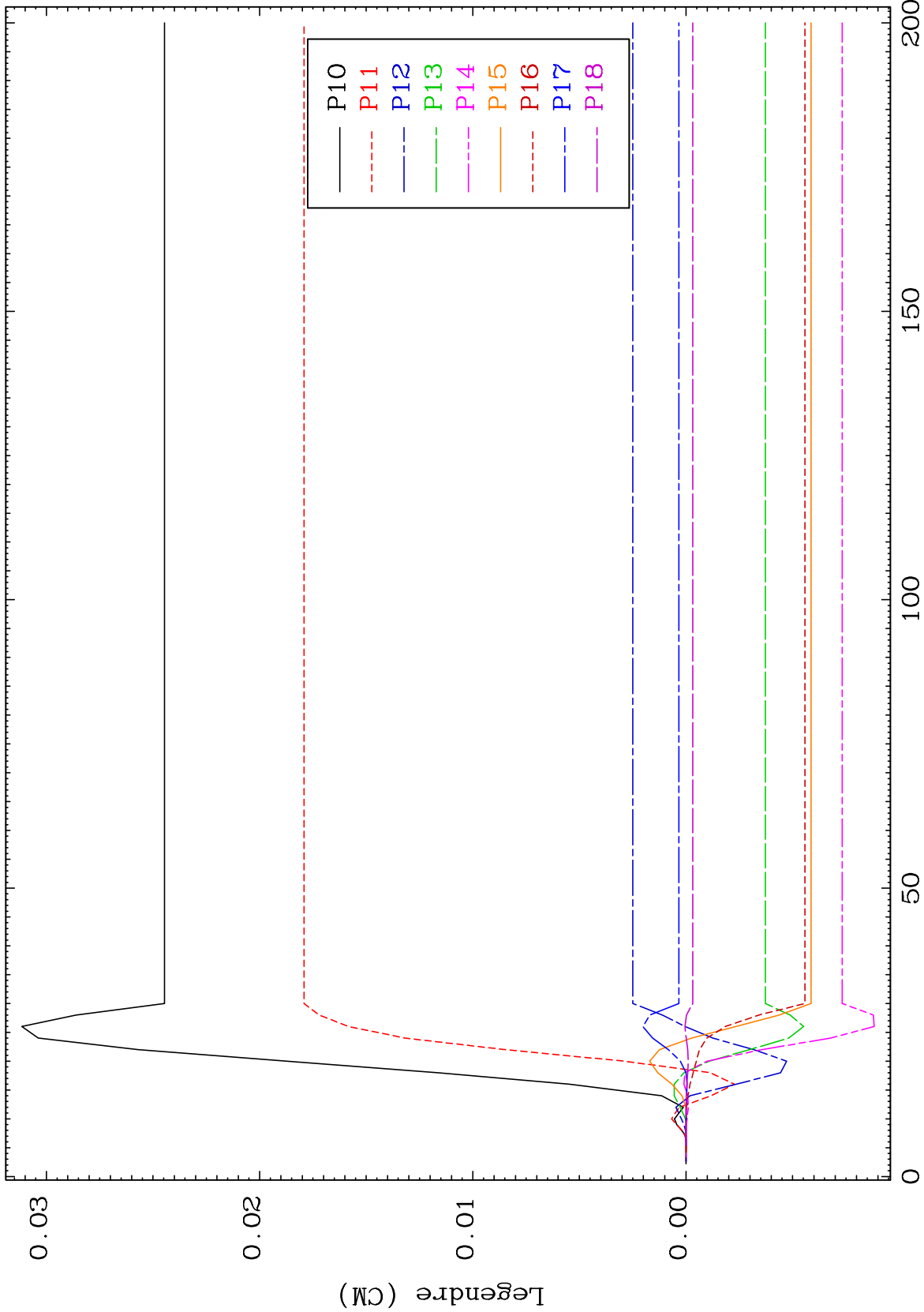
68-Er-156



MAT 6807

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

68-Er-156



83

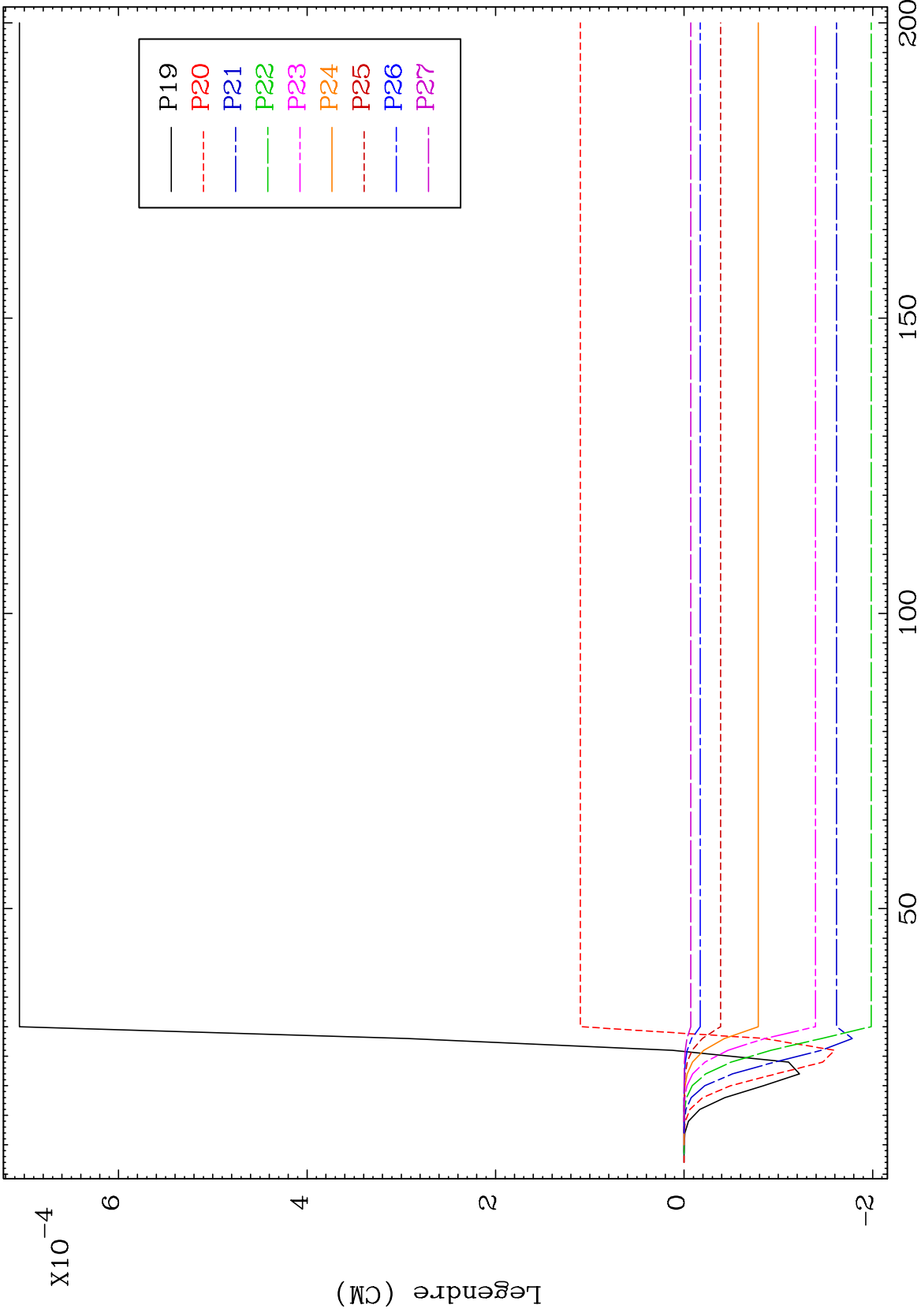
Incident Energy (MeV)

68-Er-156

MAT 6807

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

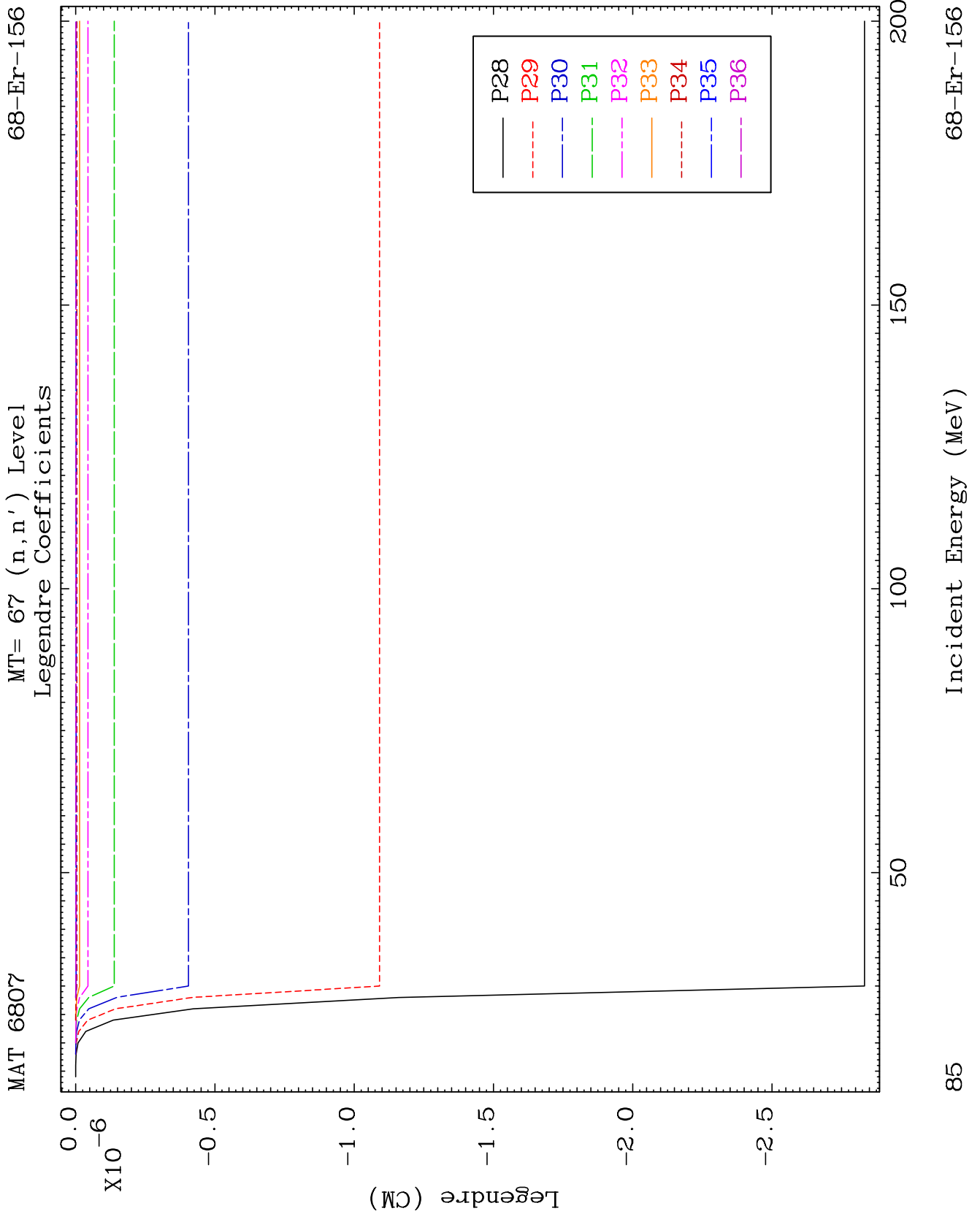
68-Er-156



84

Incident Energy (MeV)

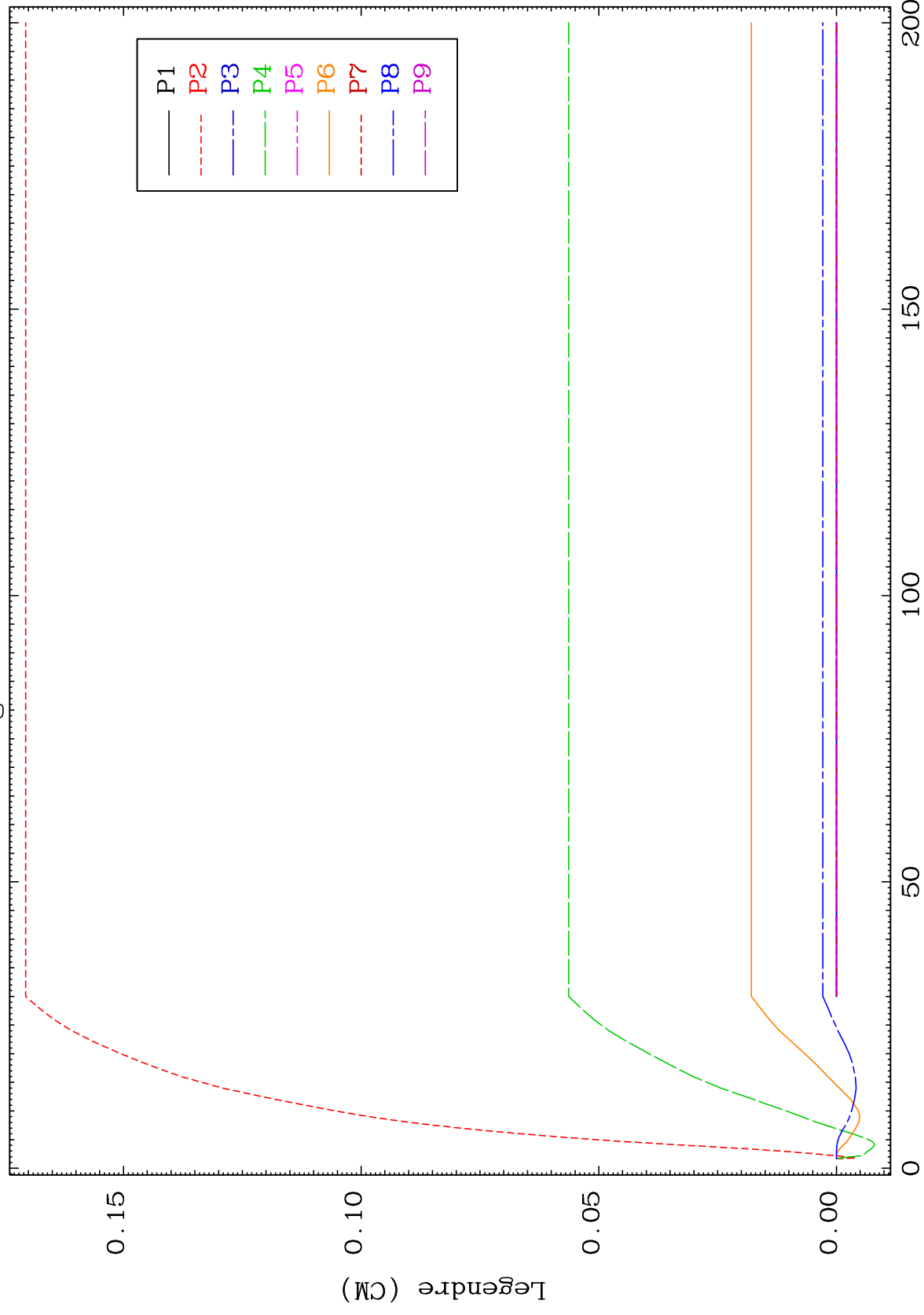
68-Er-156



MAT 6807

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

68-Er-156



86

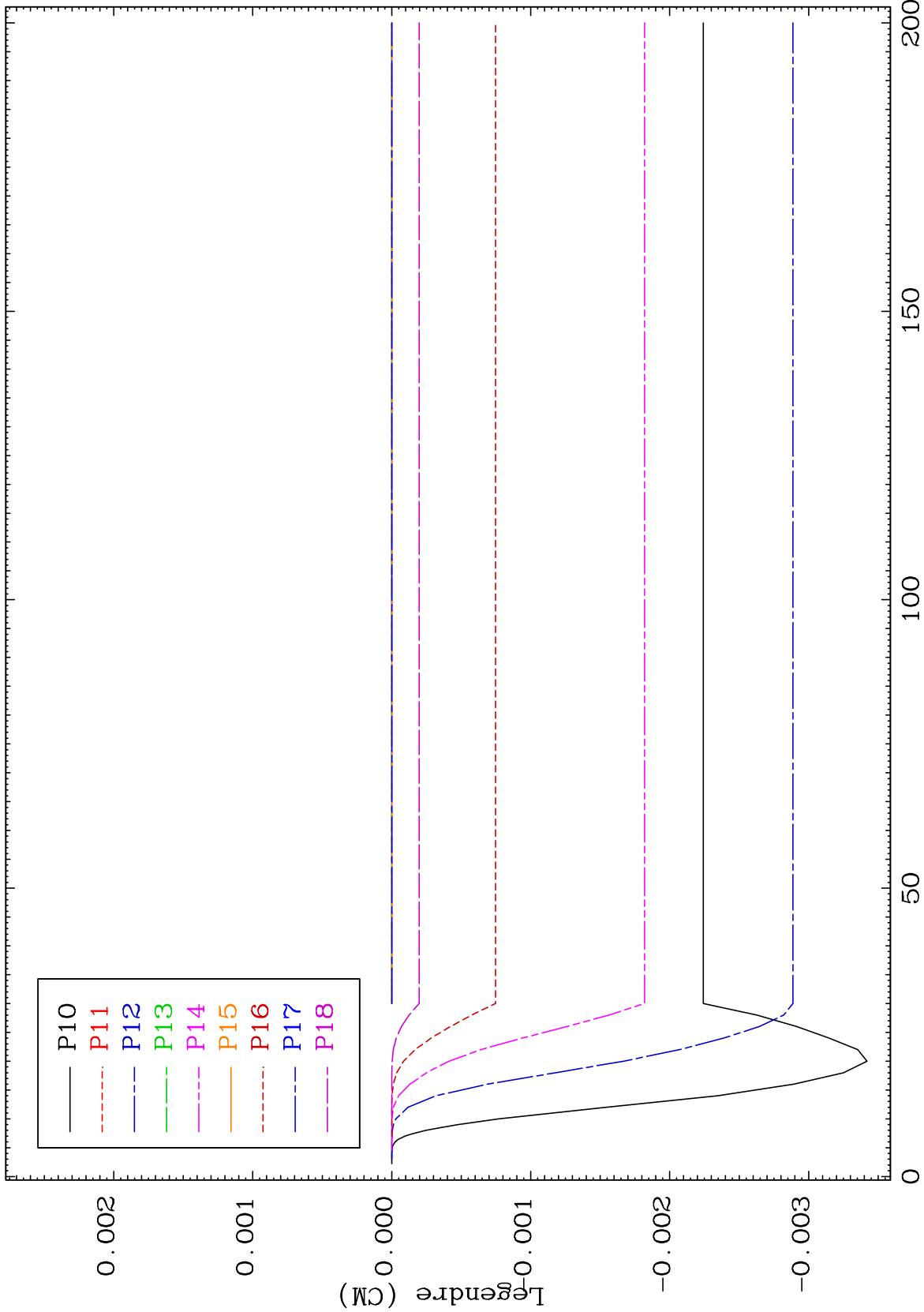
Incident Energy (MeV)

68-Er-156

MAT 6807

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

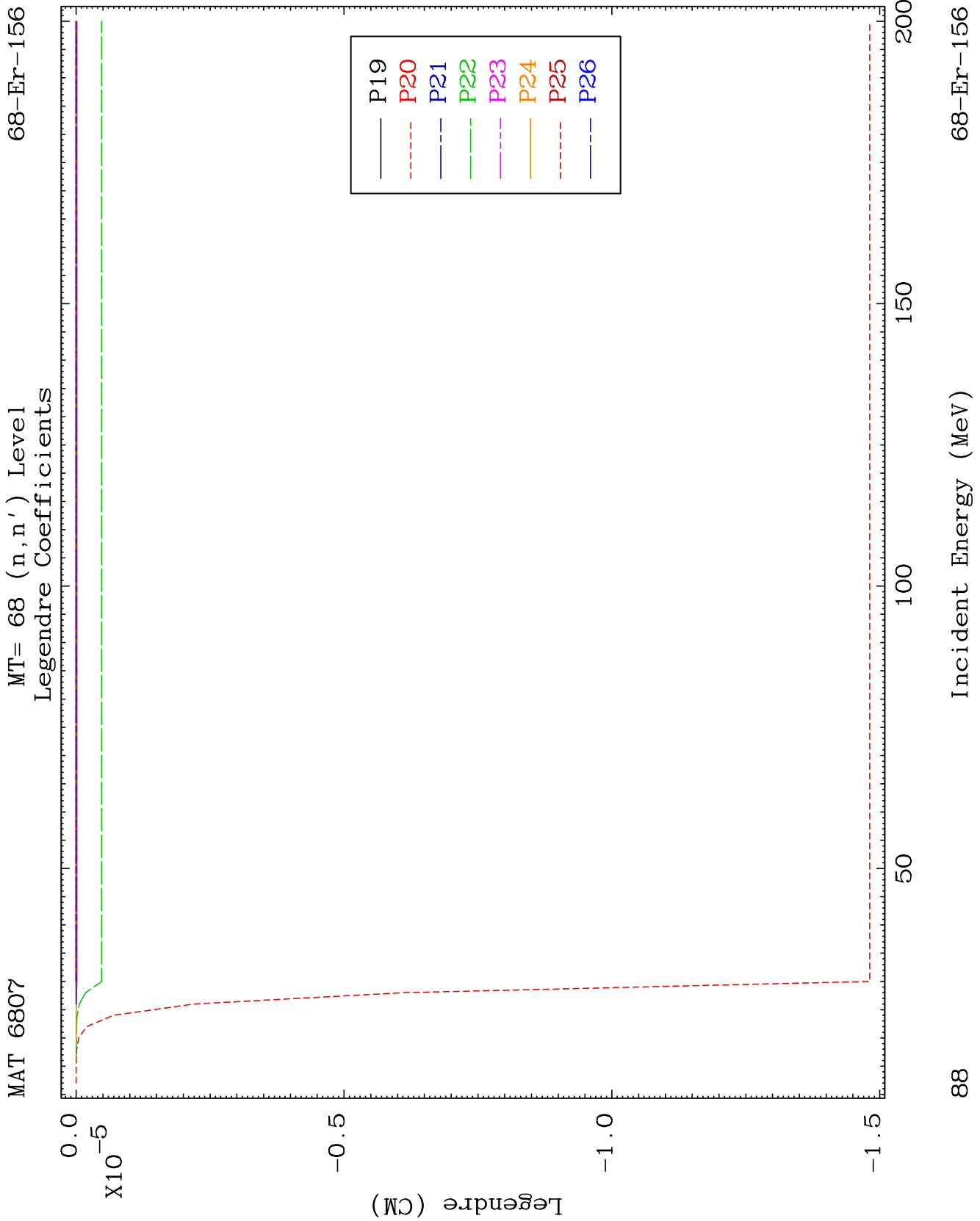
68-Er-156



87

Incident Energy (MeV)

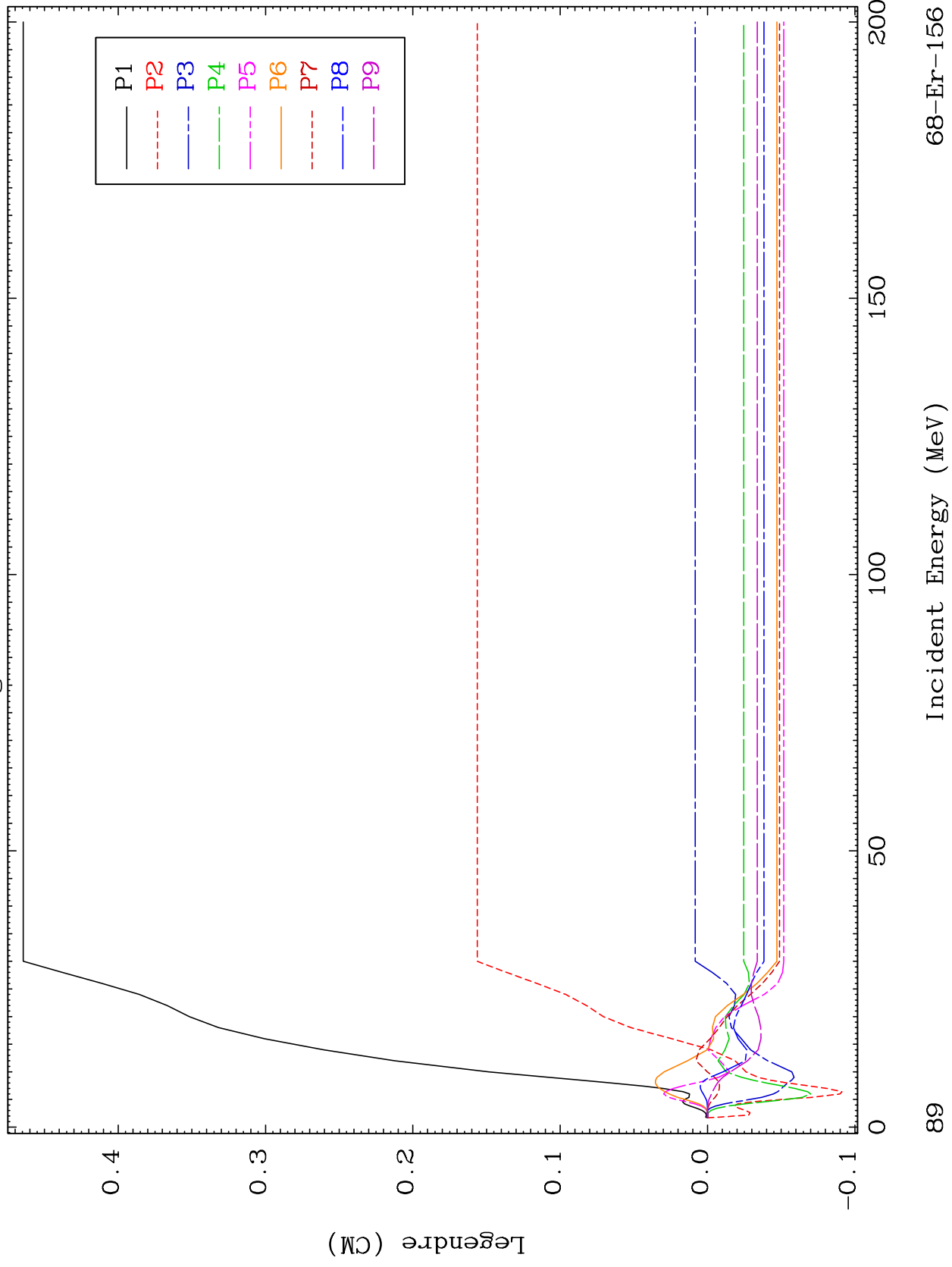
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

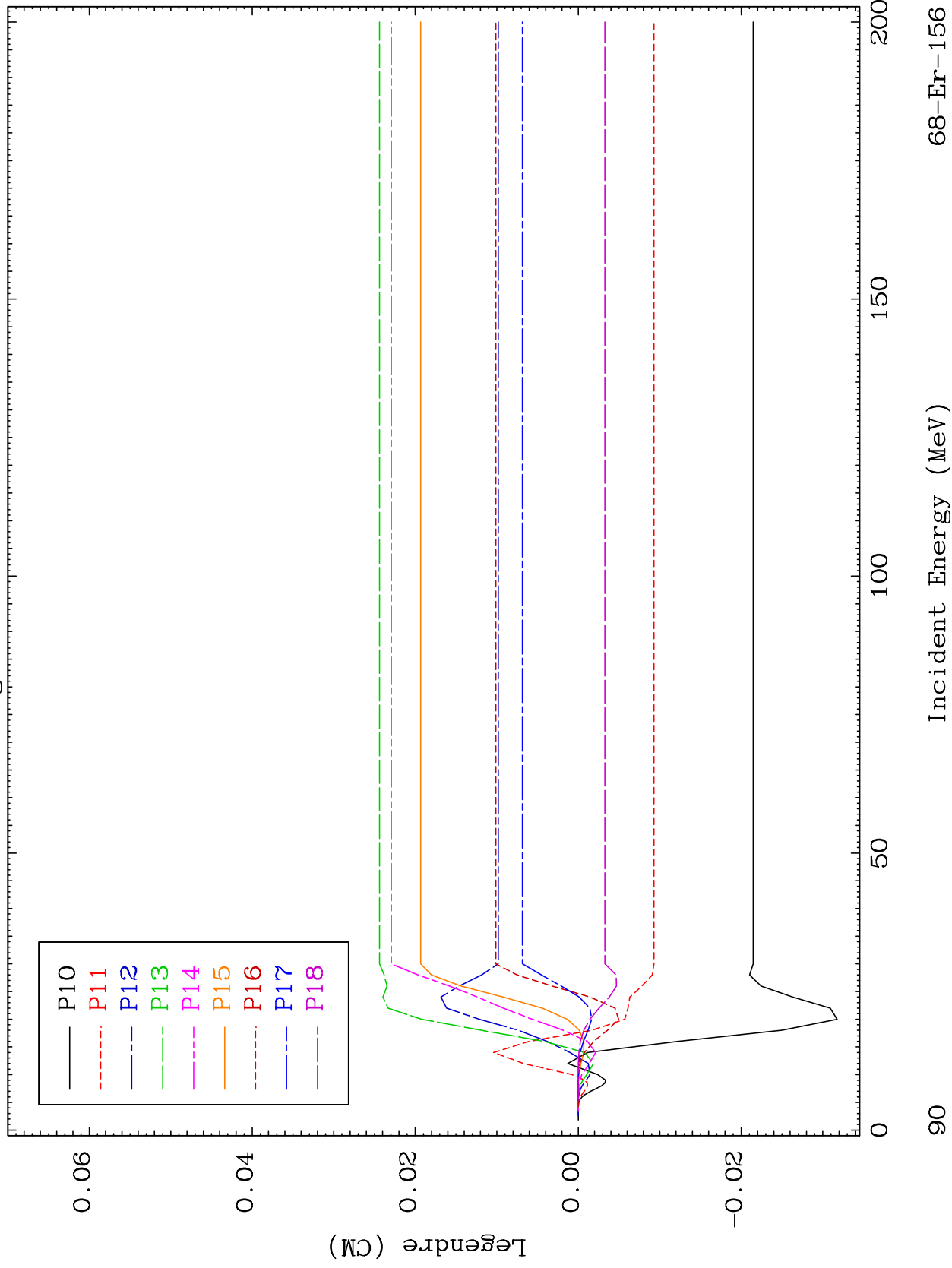
Incident Energy (MeV)

89

MAT 6807

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

68-Er-156



68-Er-156

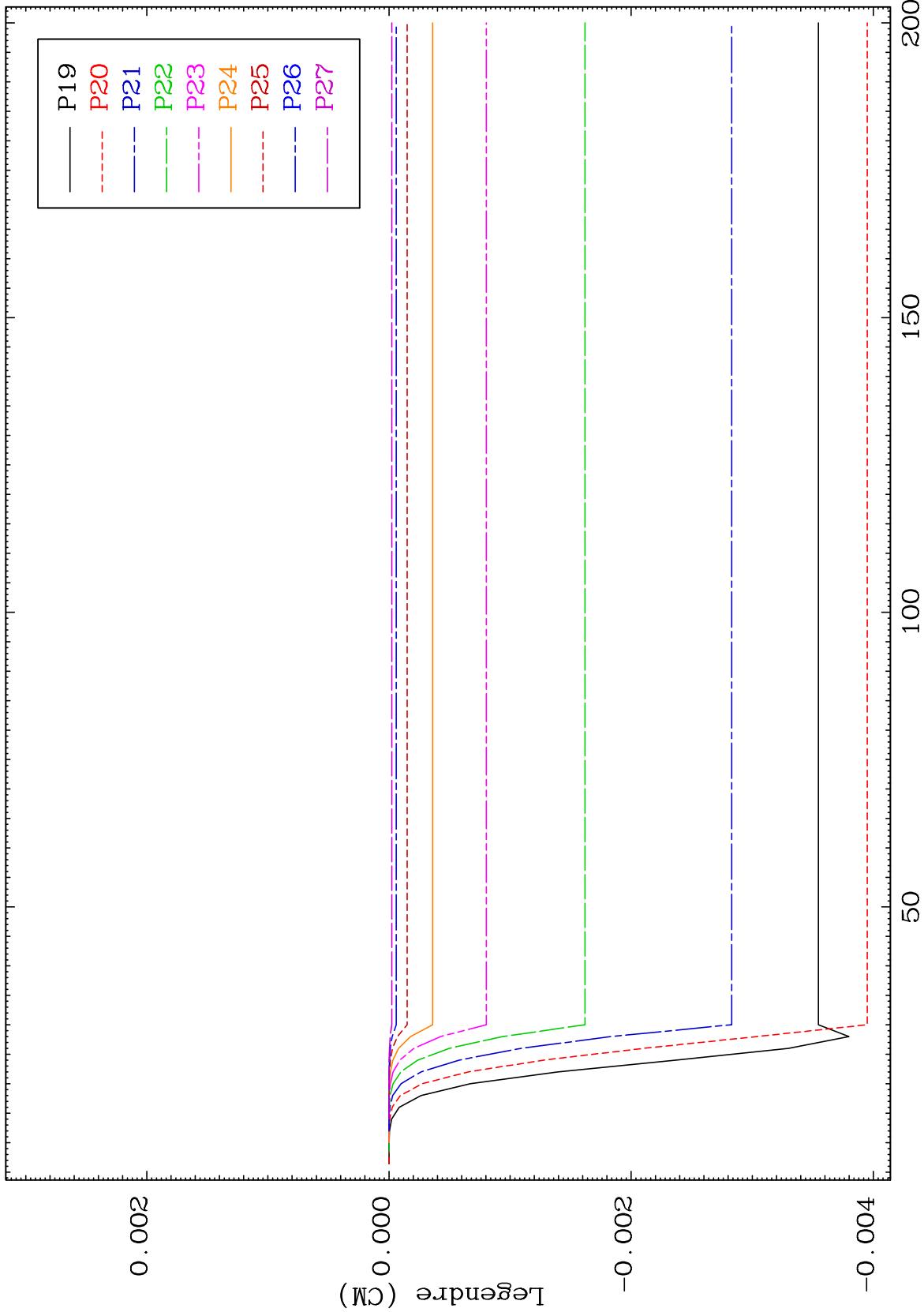
Incident Energy (MeV)

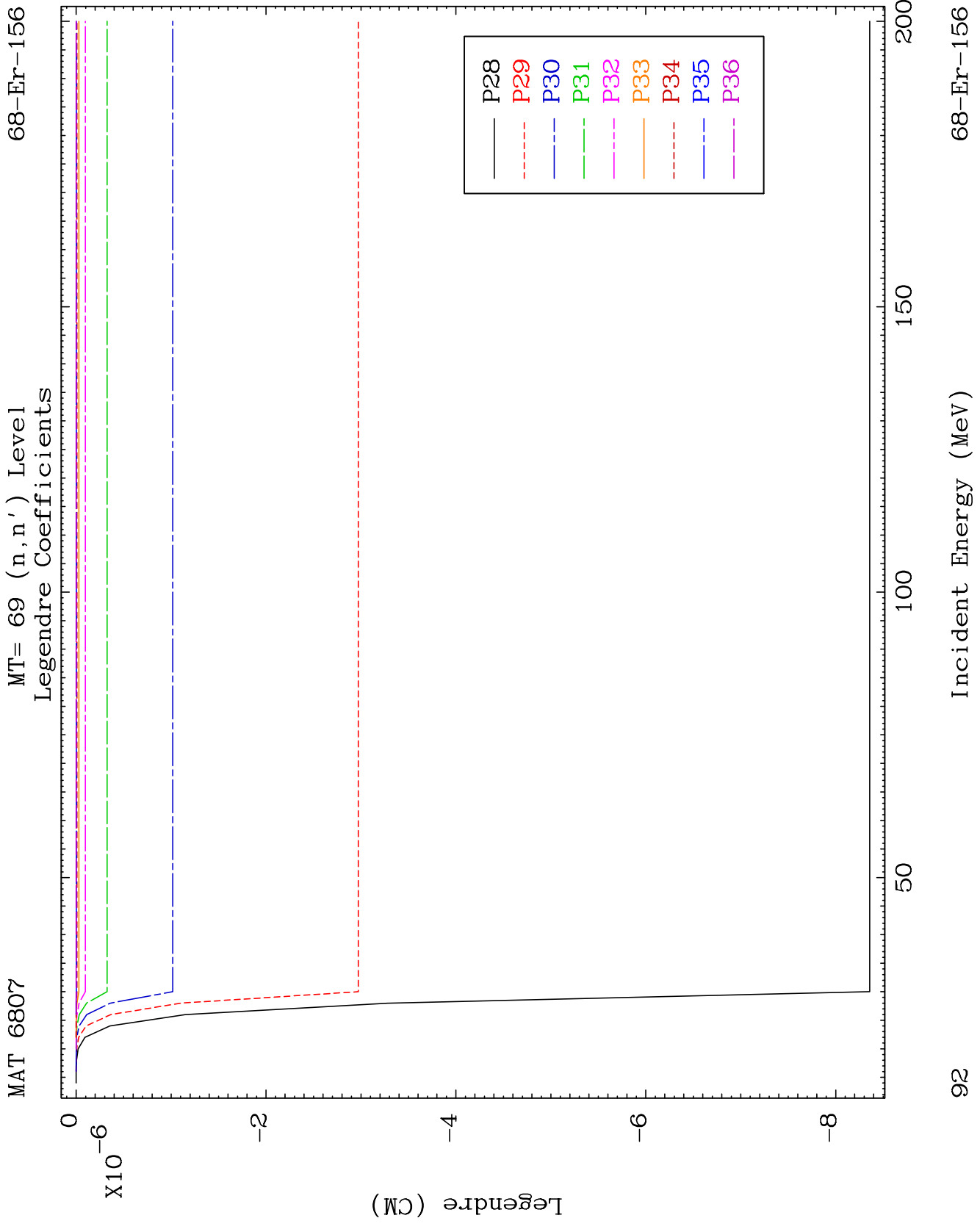
90

MAT 6807

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

68-Er-156

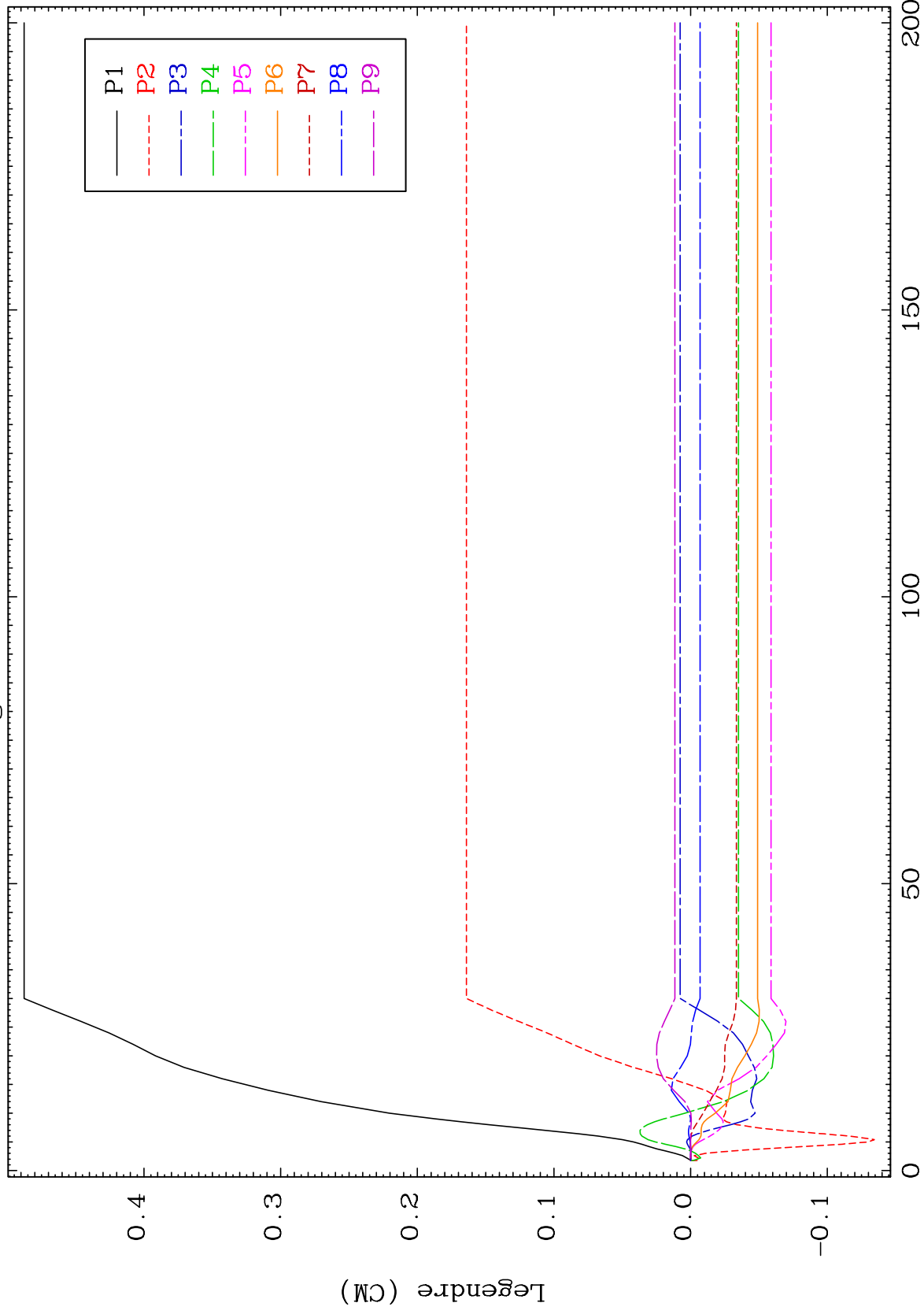




MAT 6807

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

68-Er-156



93

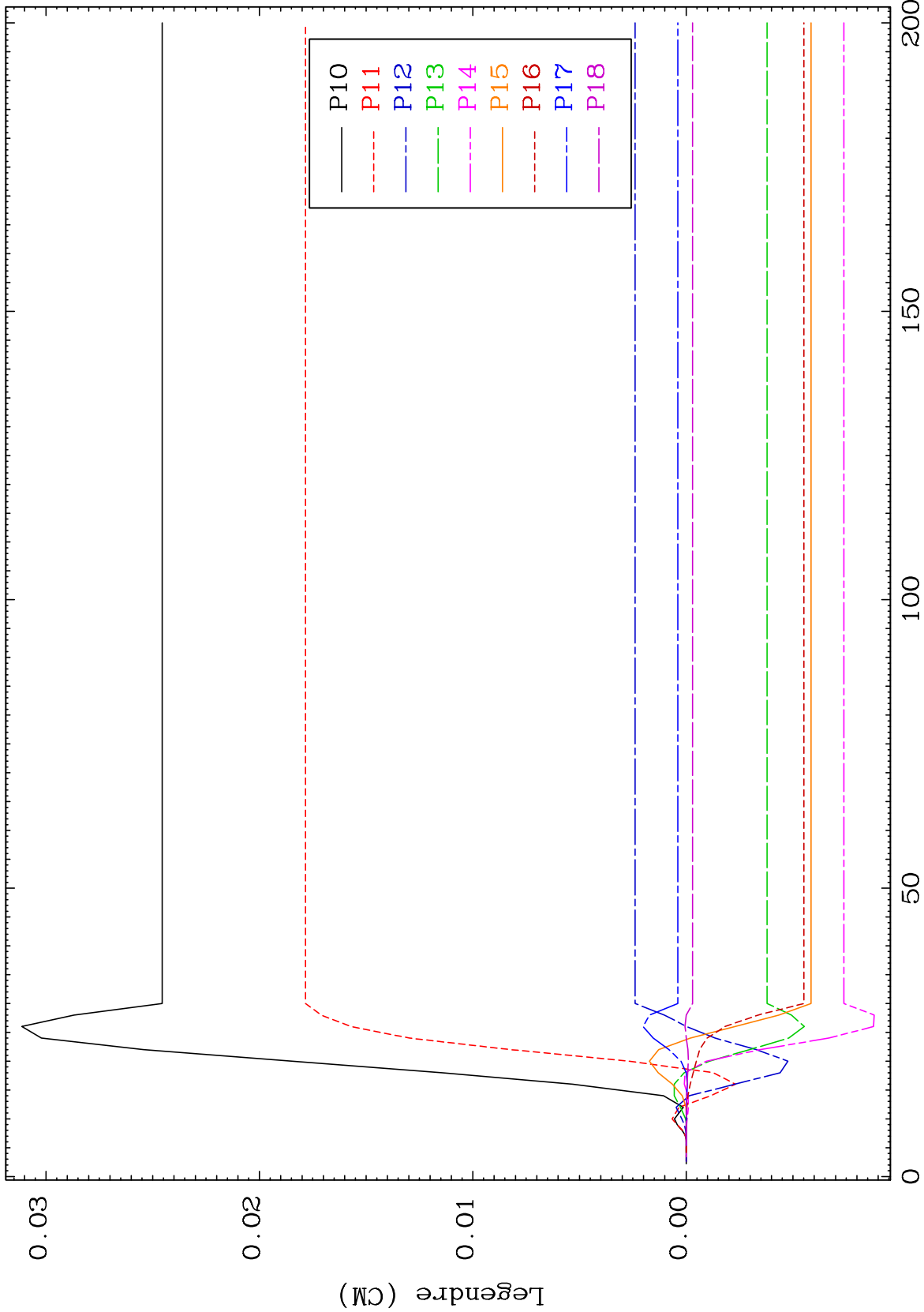
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



94

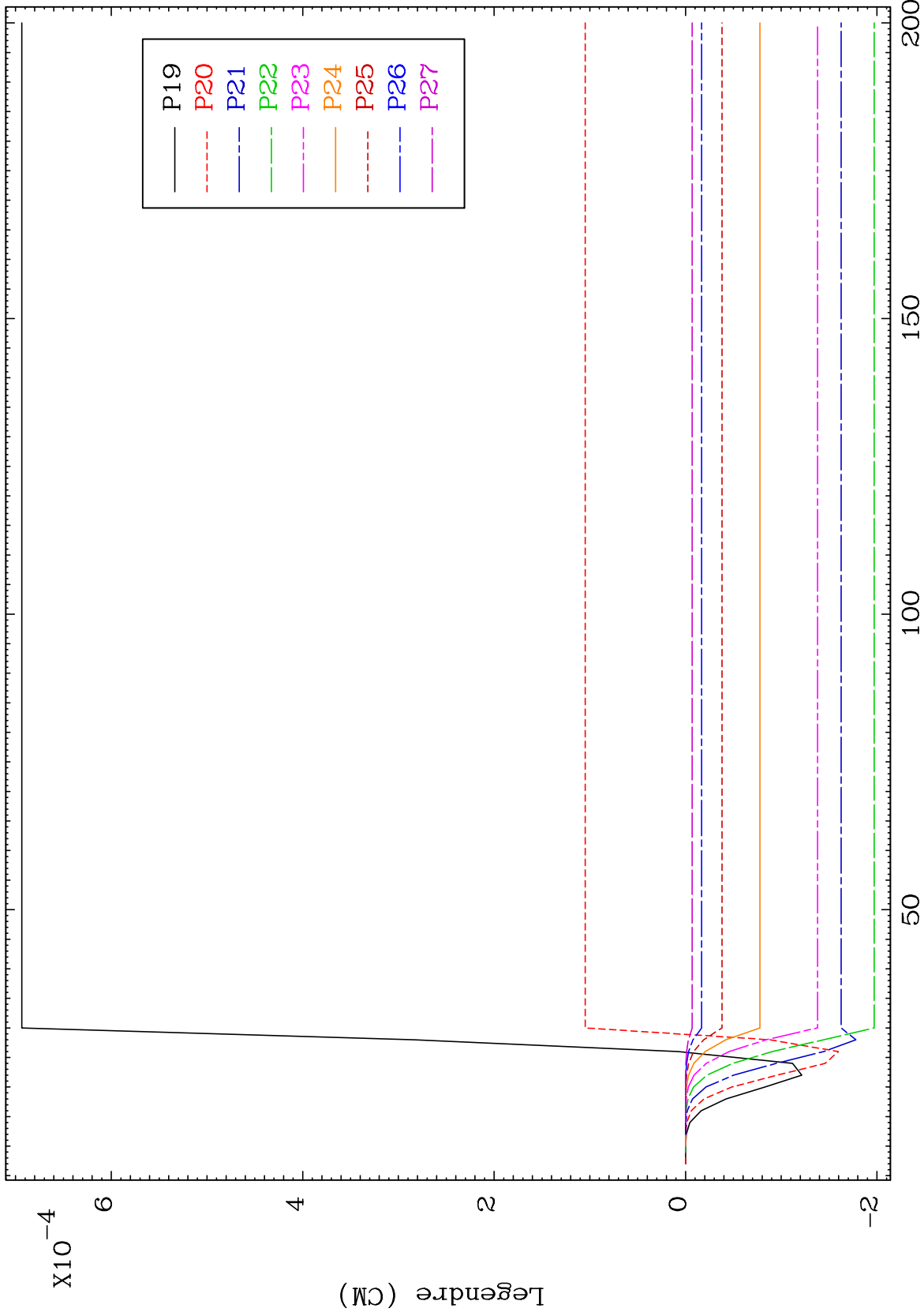
Incident Energy (MeV)

68-Er-156

MAT 6807

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

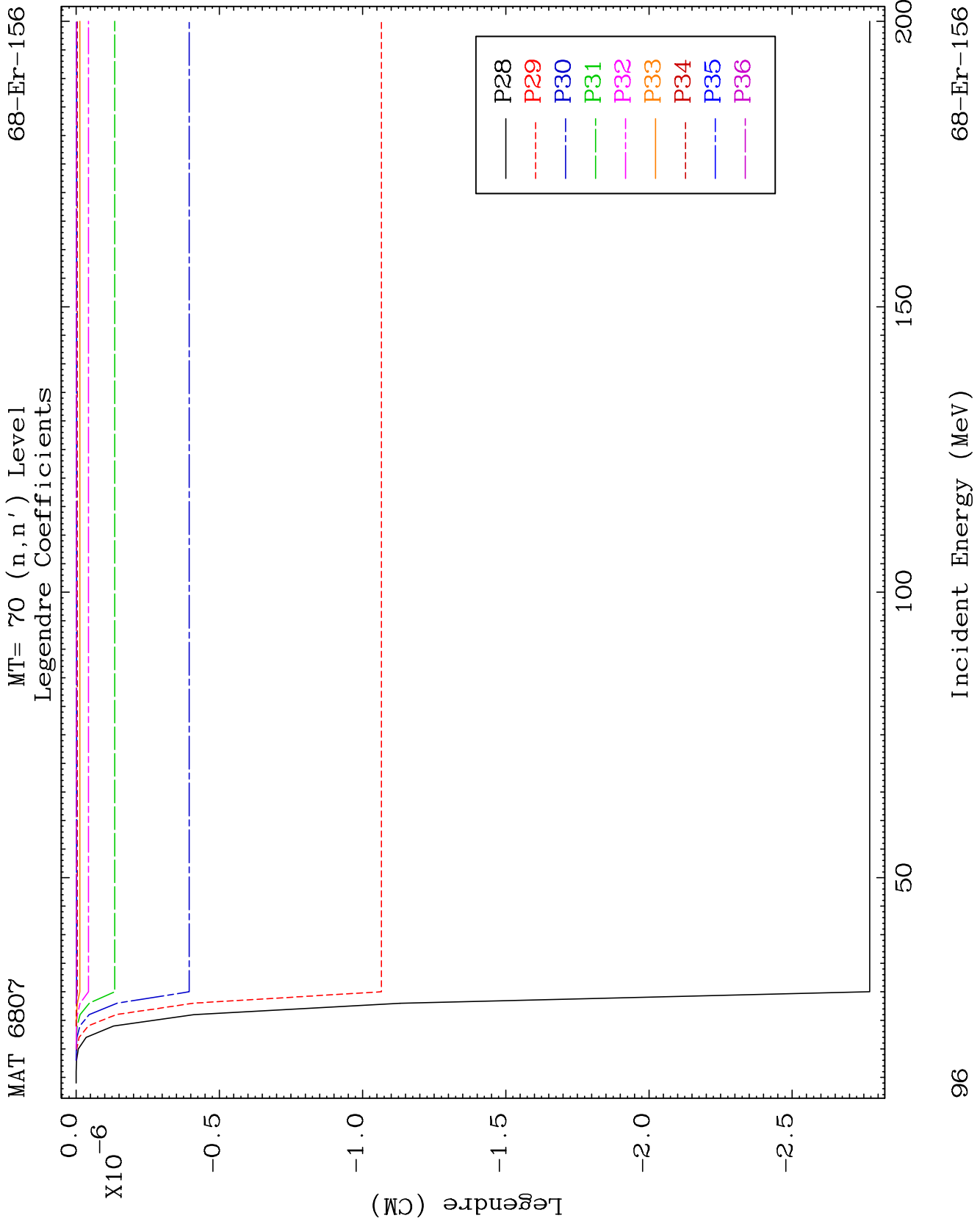
68-Er-156

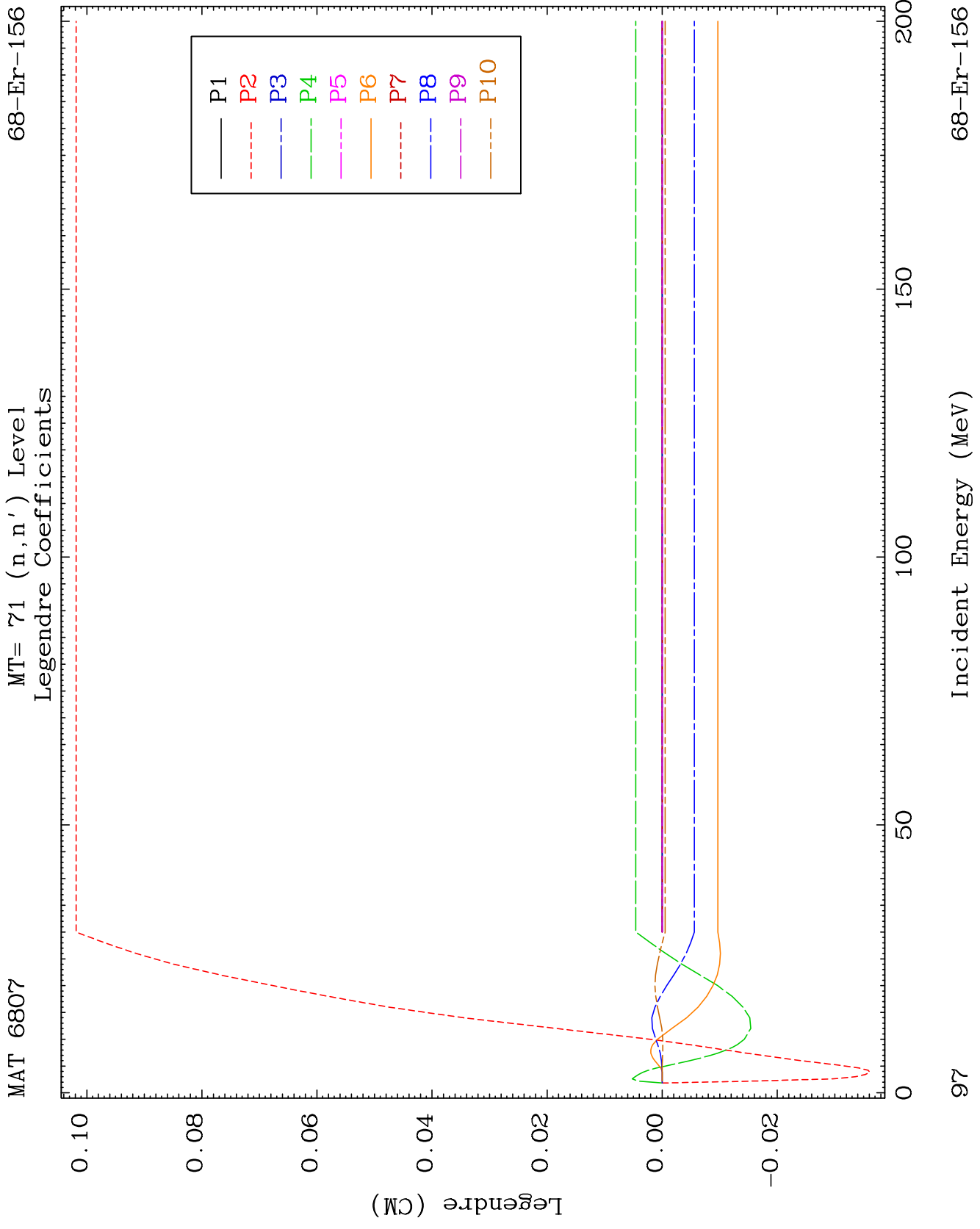


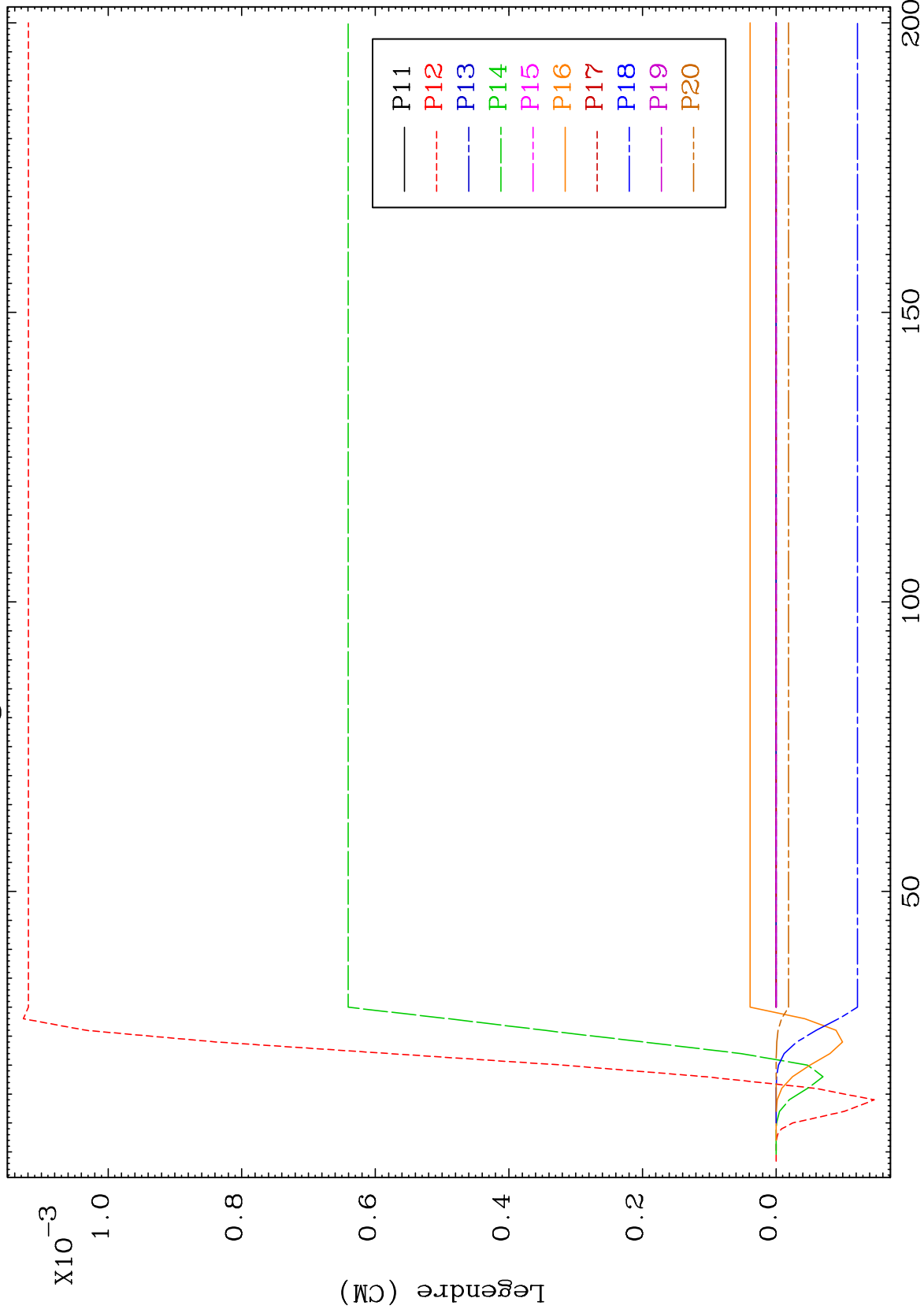
95

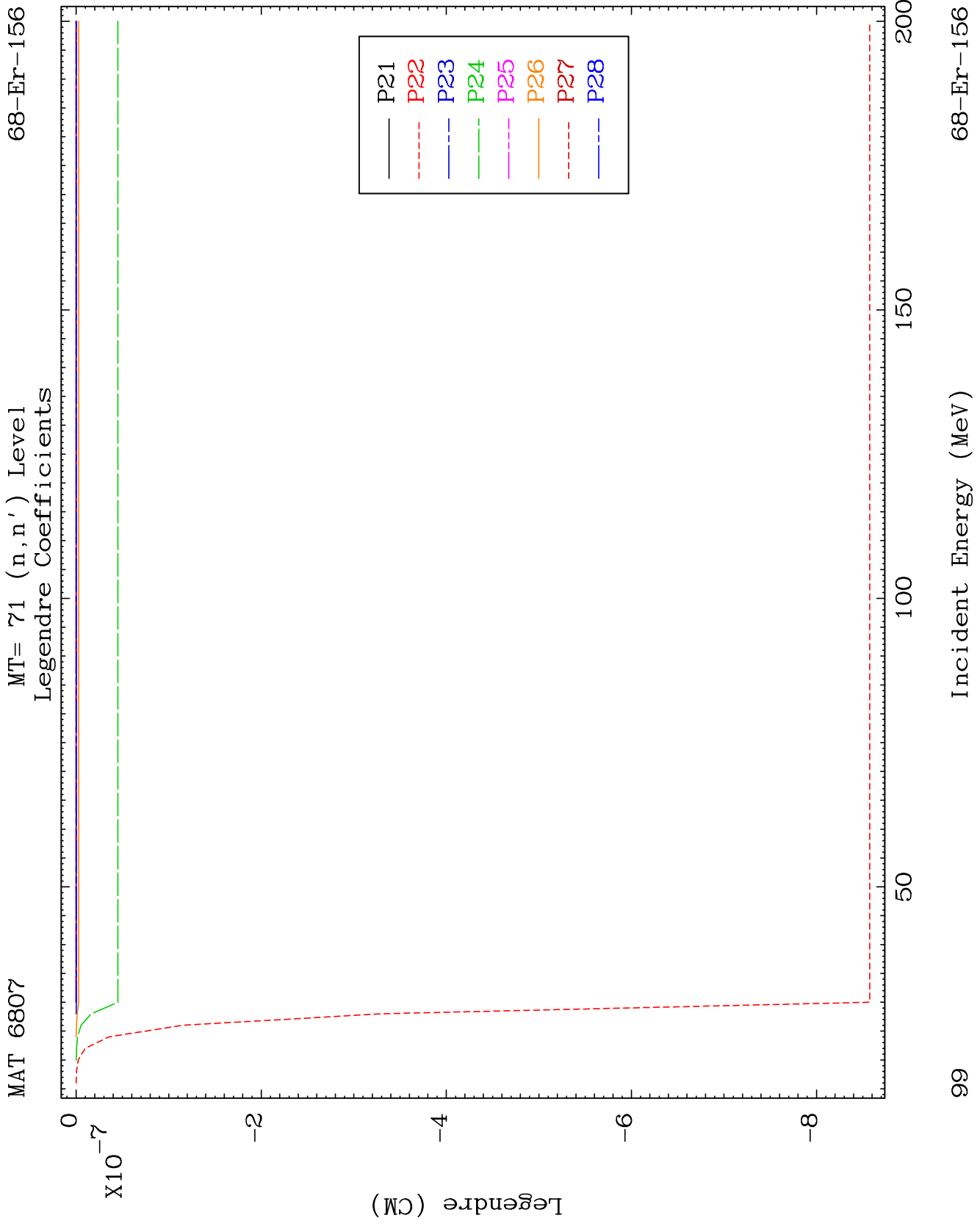
Incident Energy (MeV)

68-Er-156





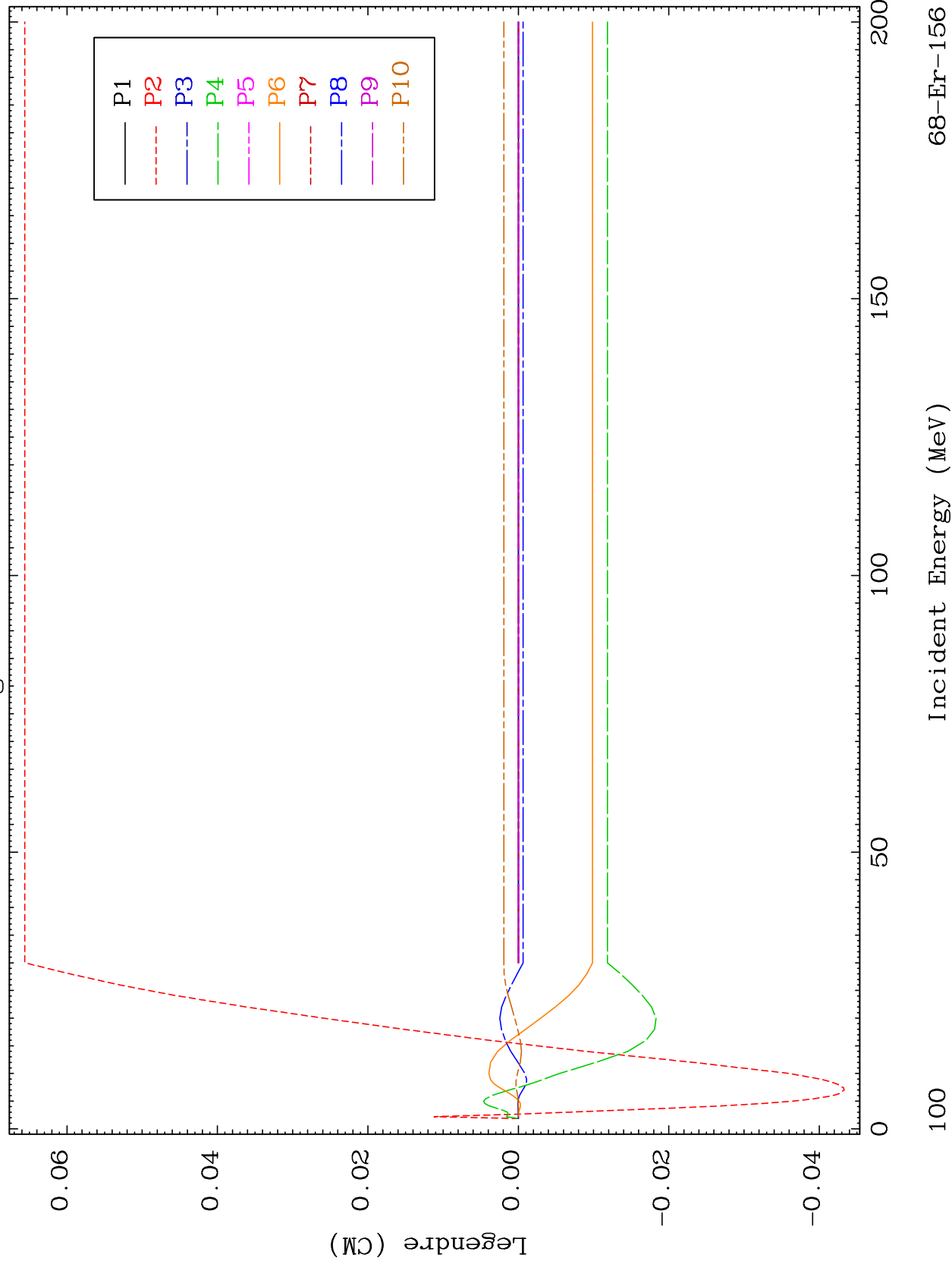




MAT 6807

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

68-Er-156



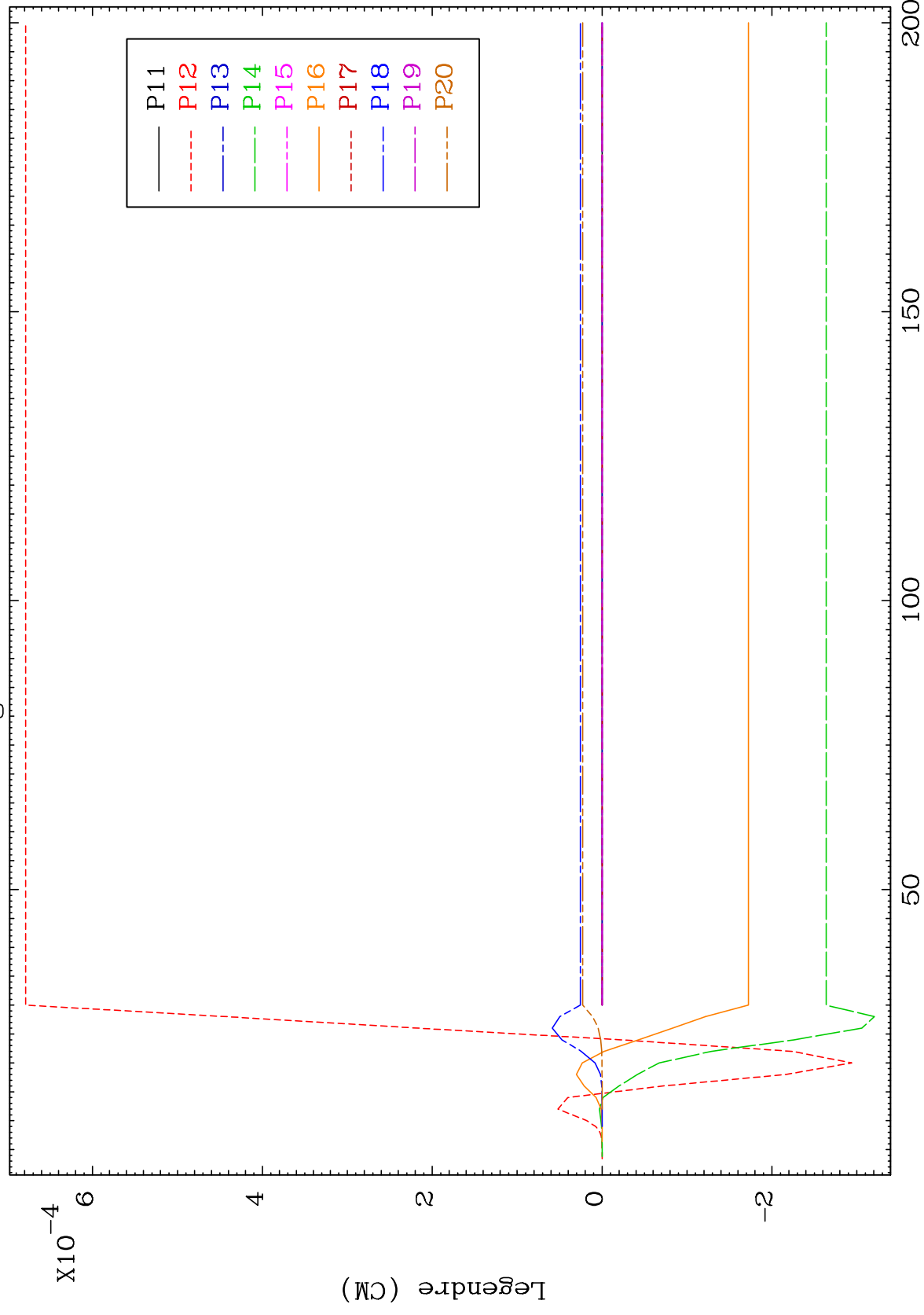
68-Er-156

Incident Energy (MeV)

MAT 6807

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

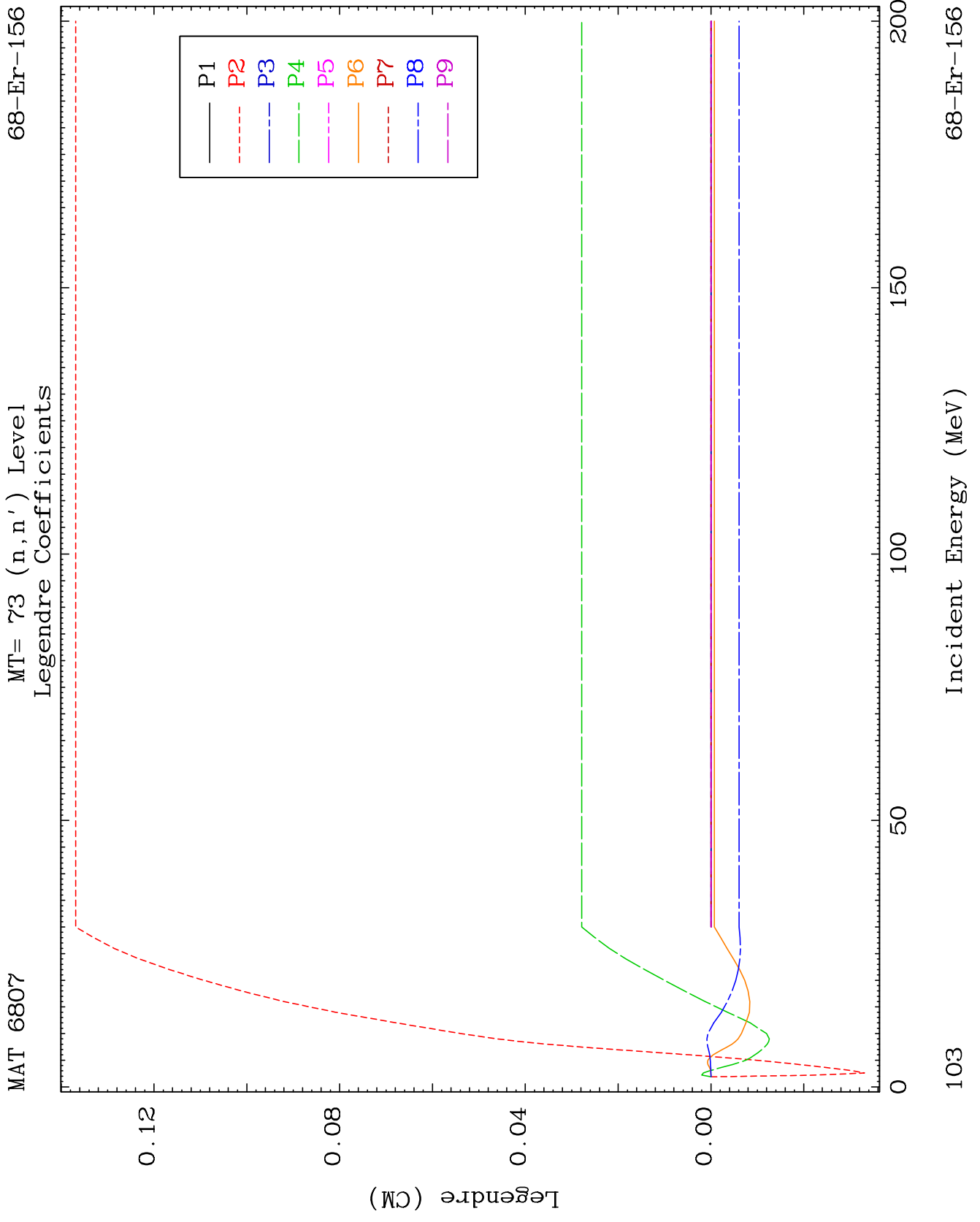
68-Er-156



101

Incident Energy (MeV)

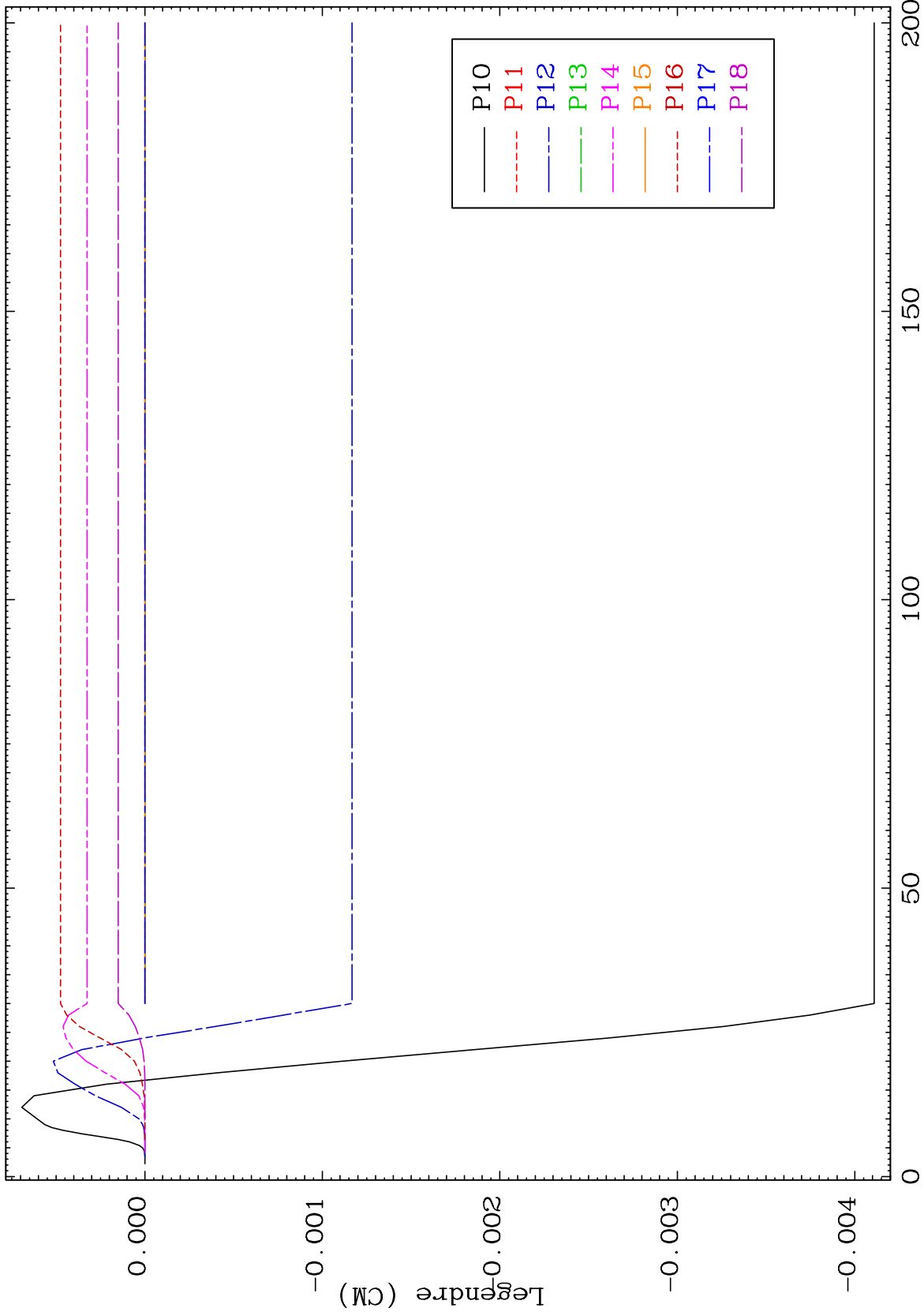
68-Er-156



MAT 6807

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

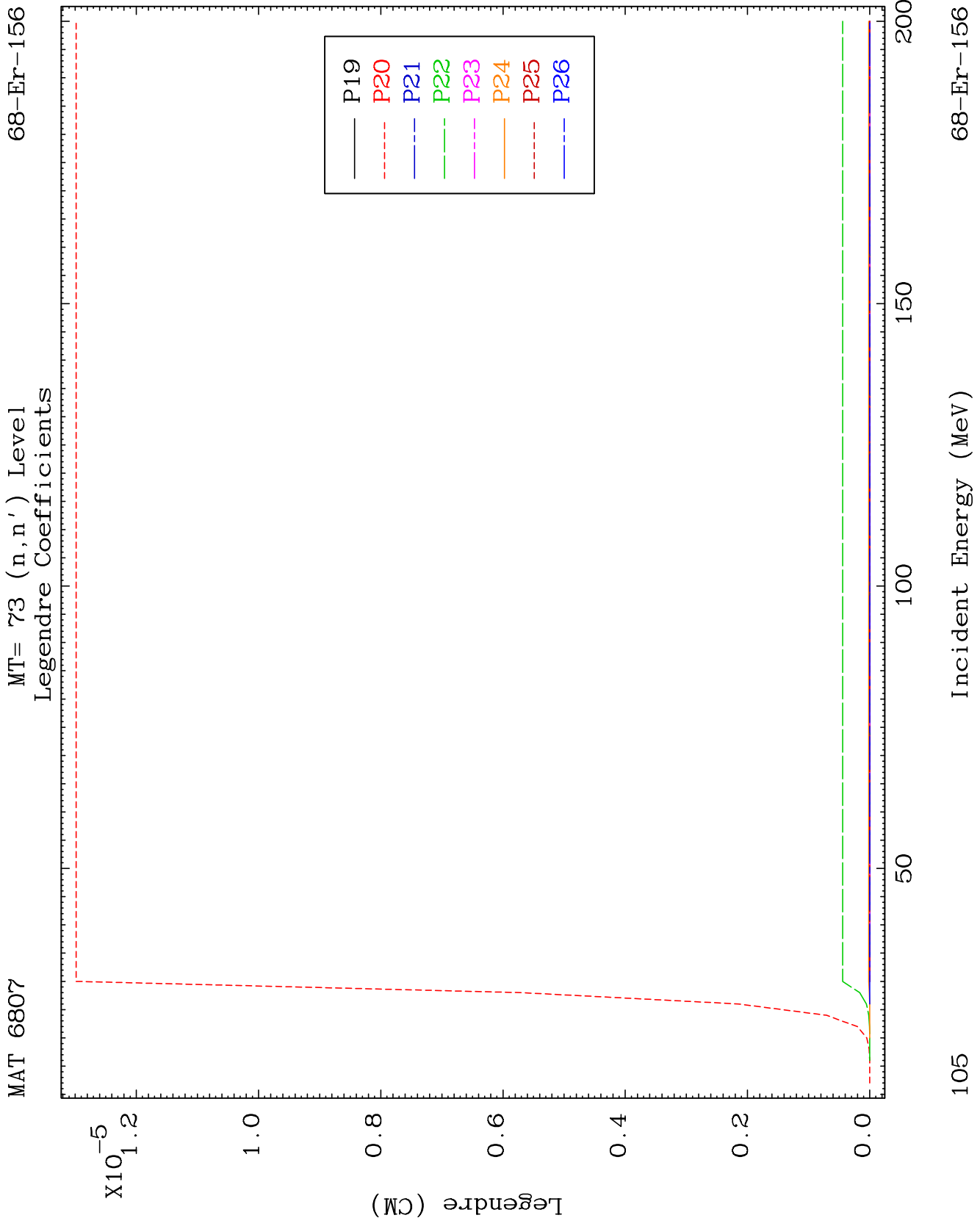
68-Er-156



104

Incident Energy (MeV)

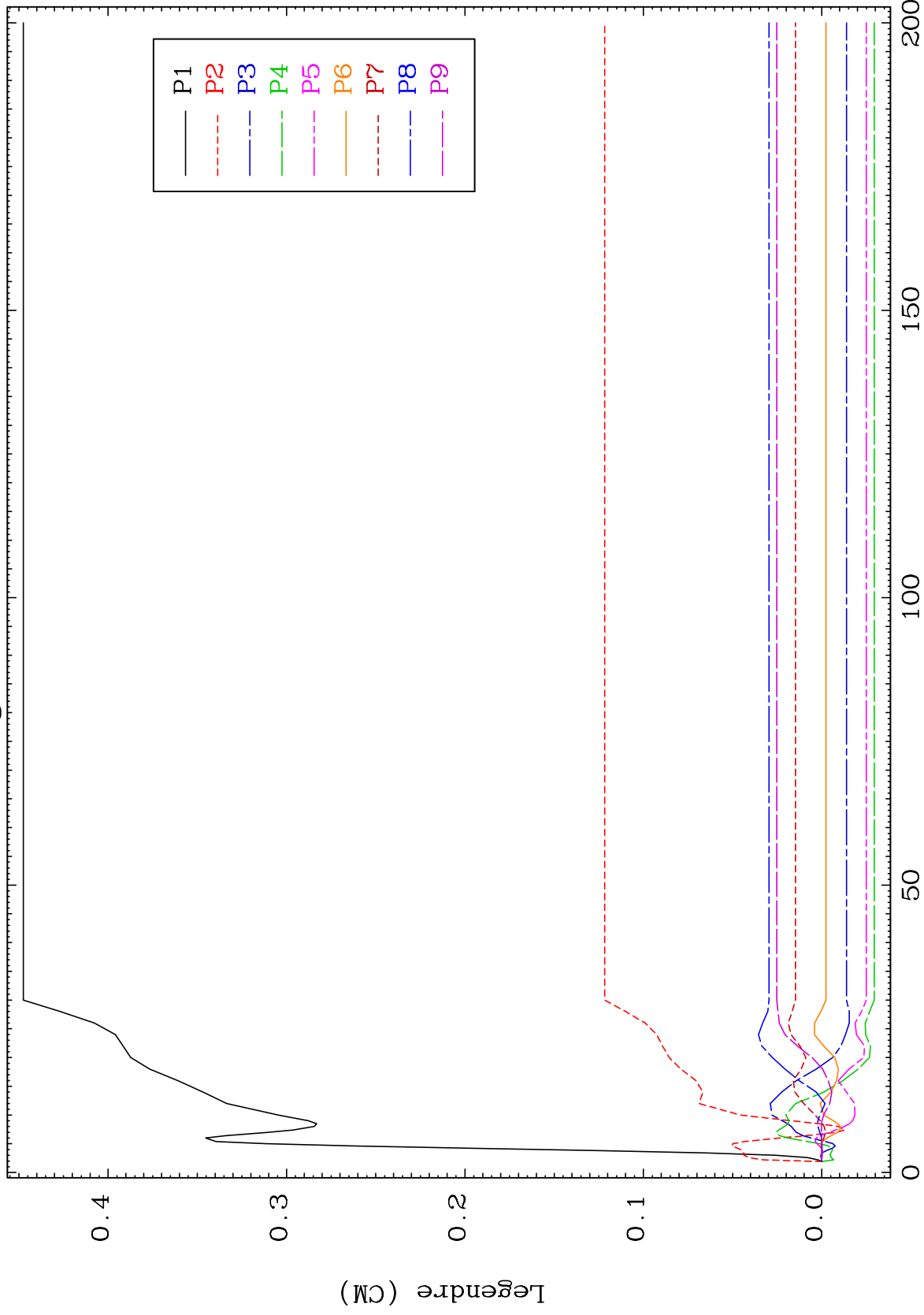
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

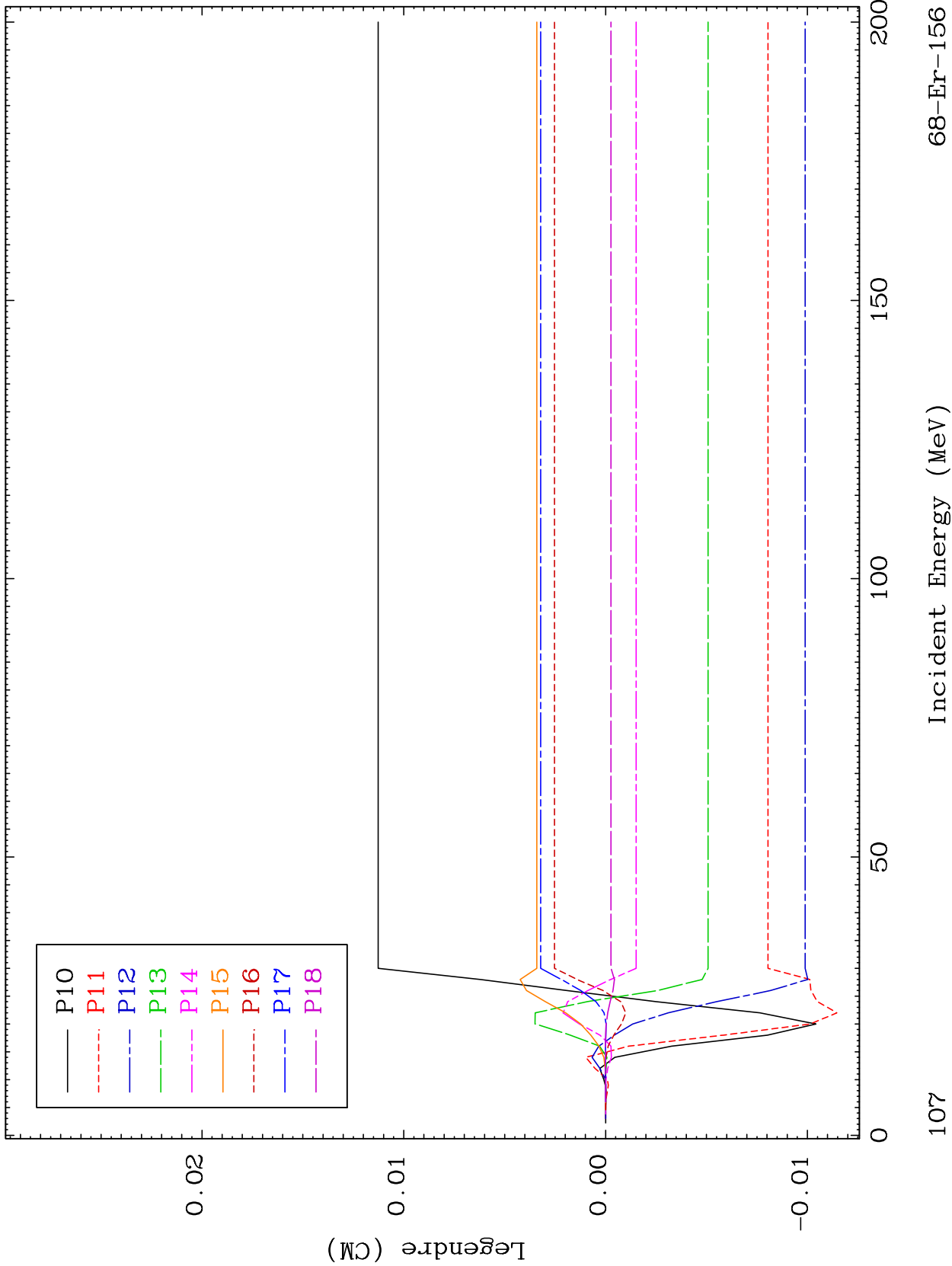
Incident Energy (MeV)

106

MAT 6807

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

68-Er-156



107

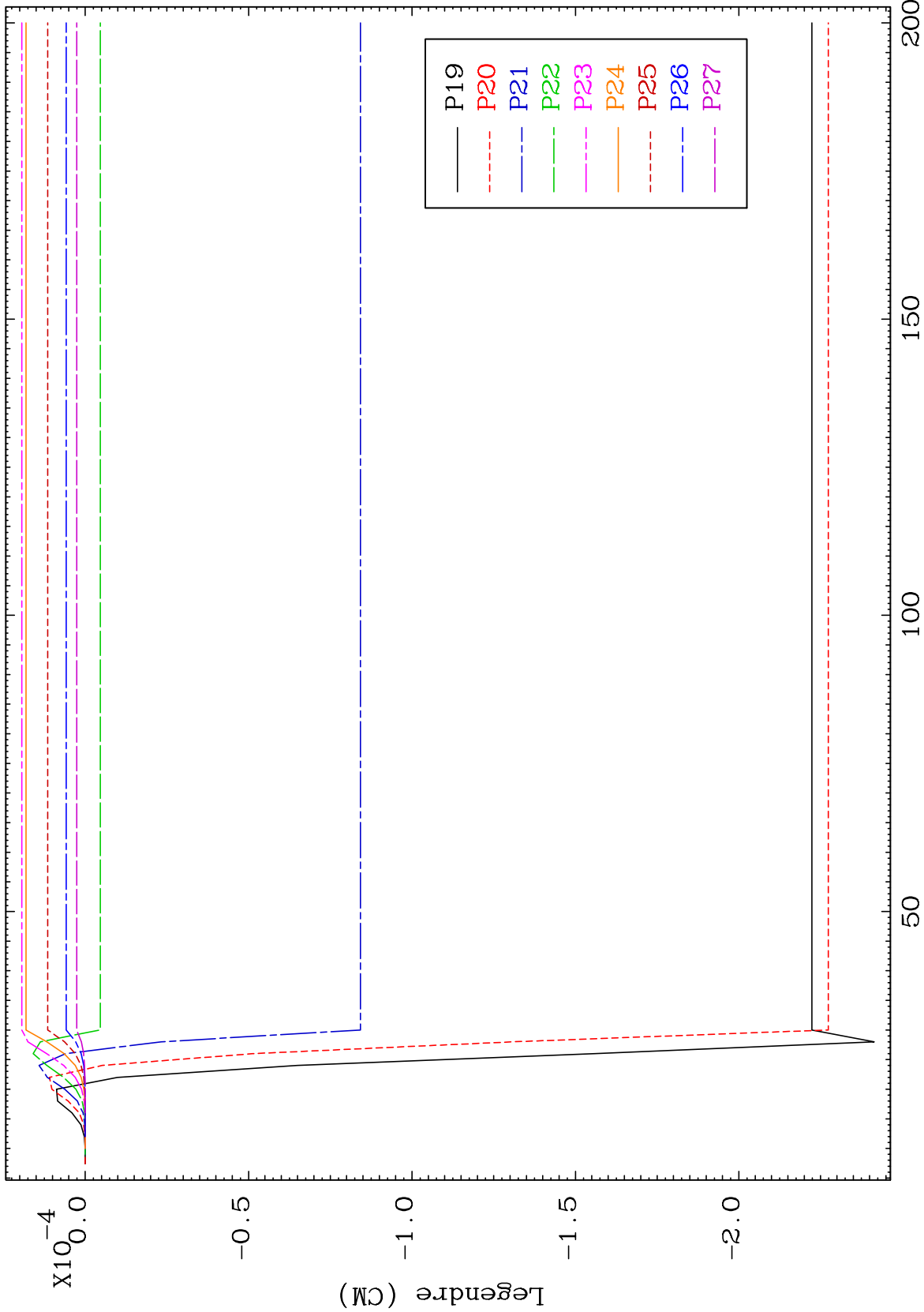
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



108

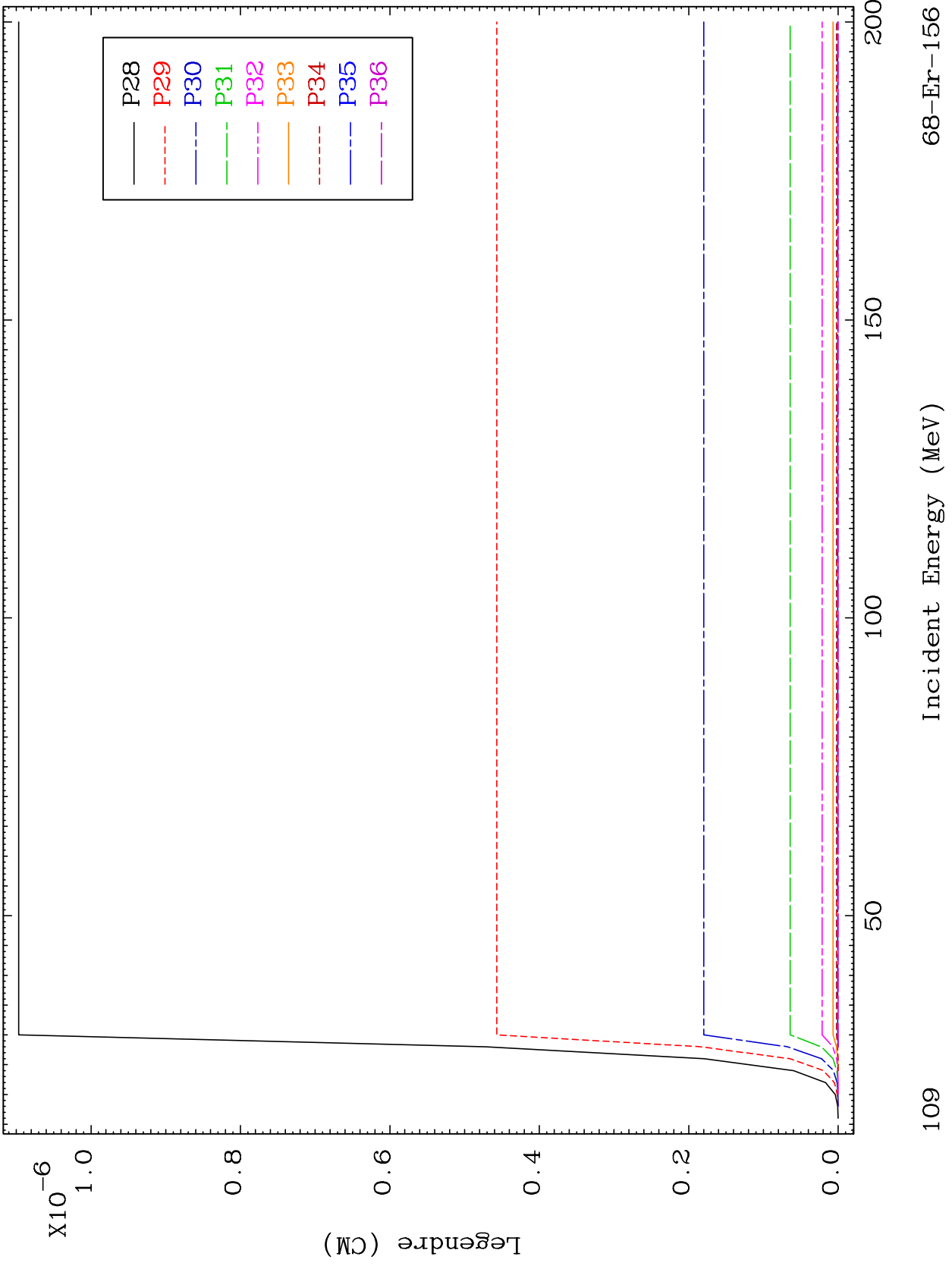
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



109

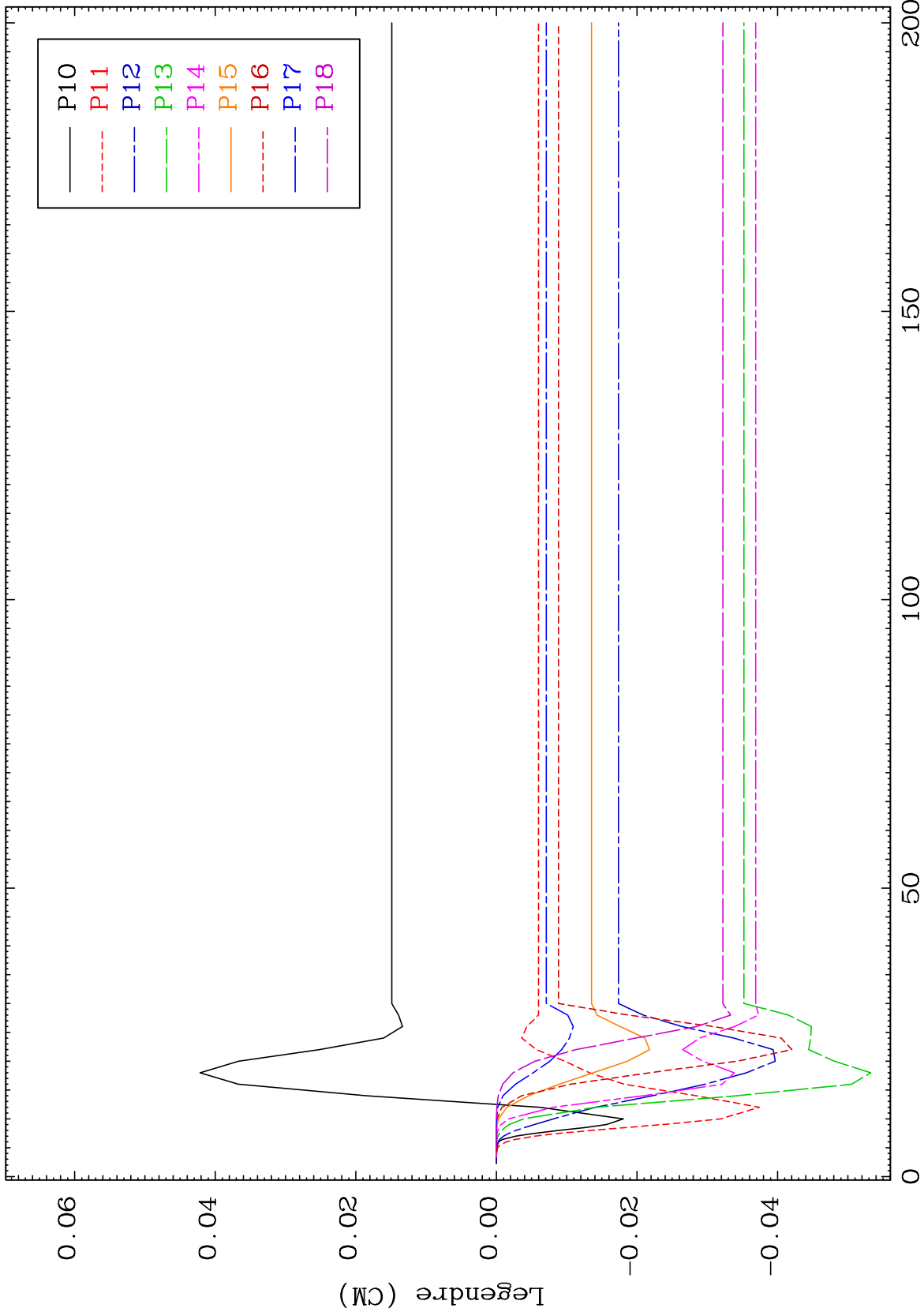
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



111

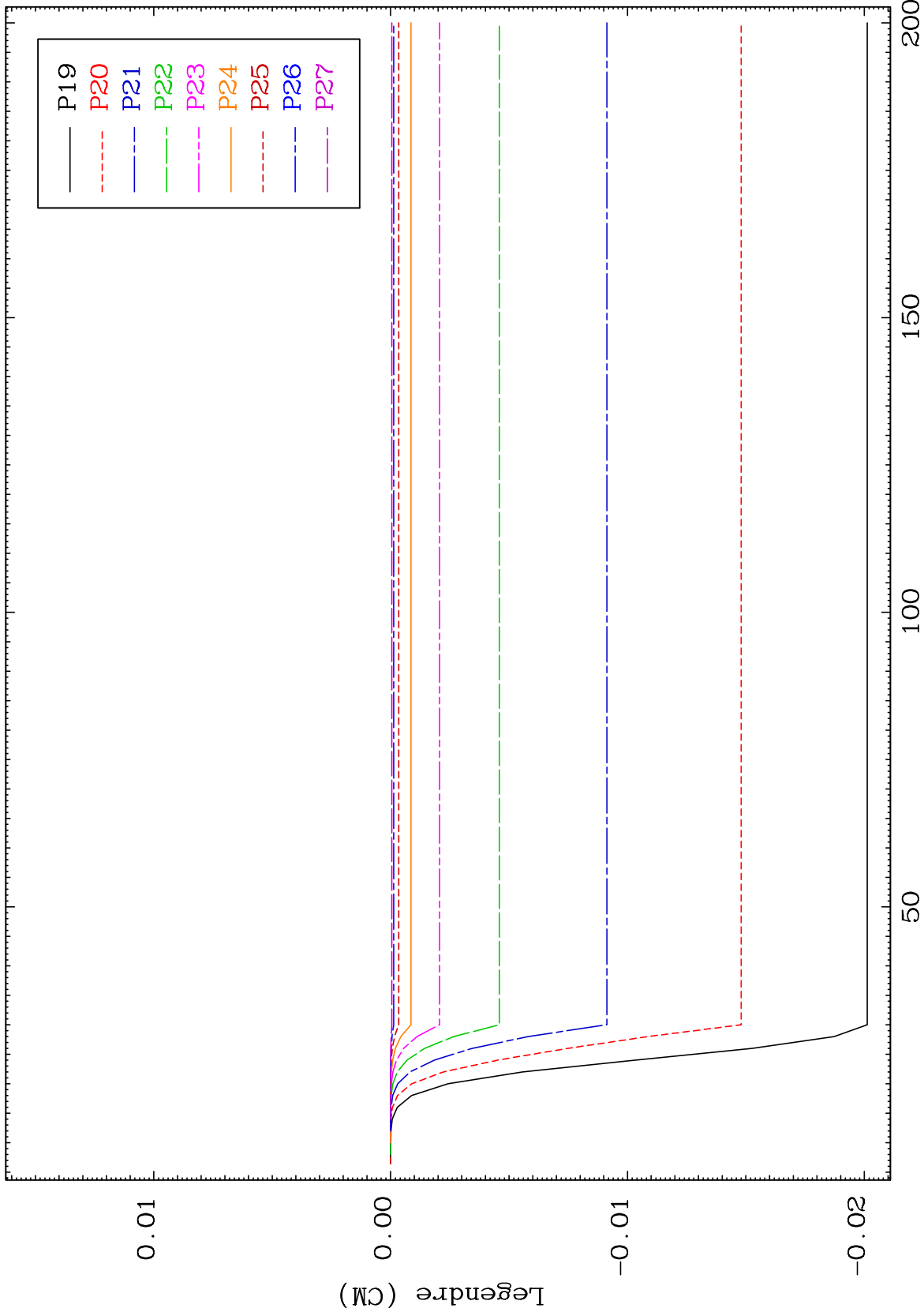
Incident Energy (MeV)

68-Er-156

MAT 6807

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

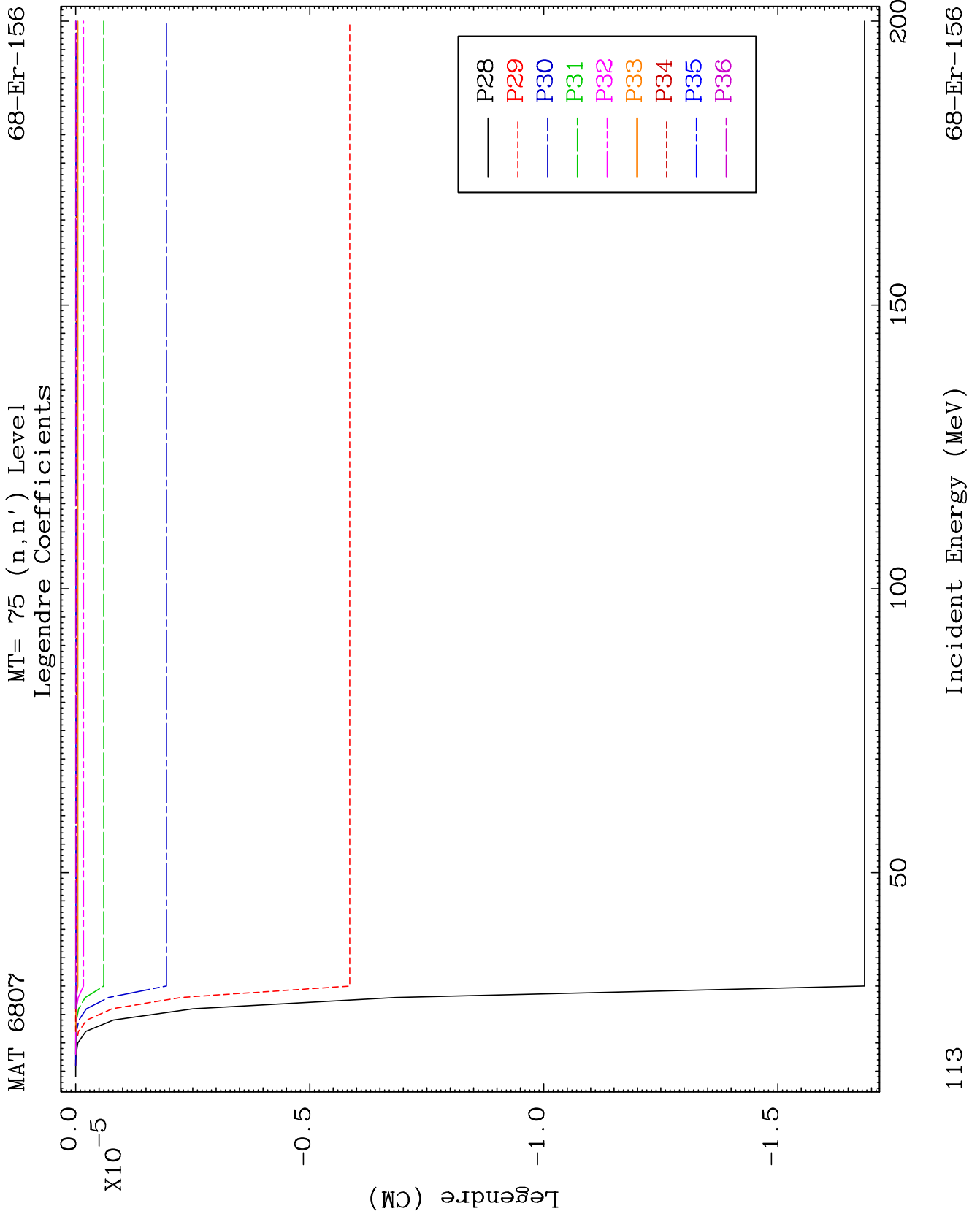
68-Er-156



112

Incident Energy (MeV)

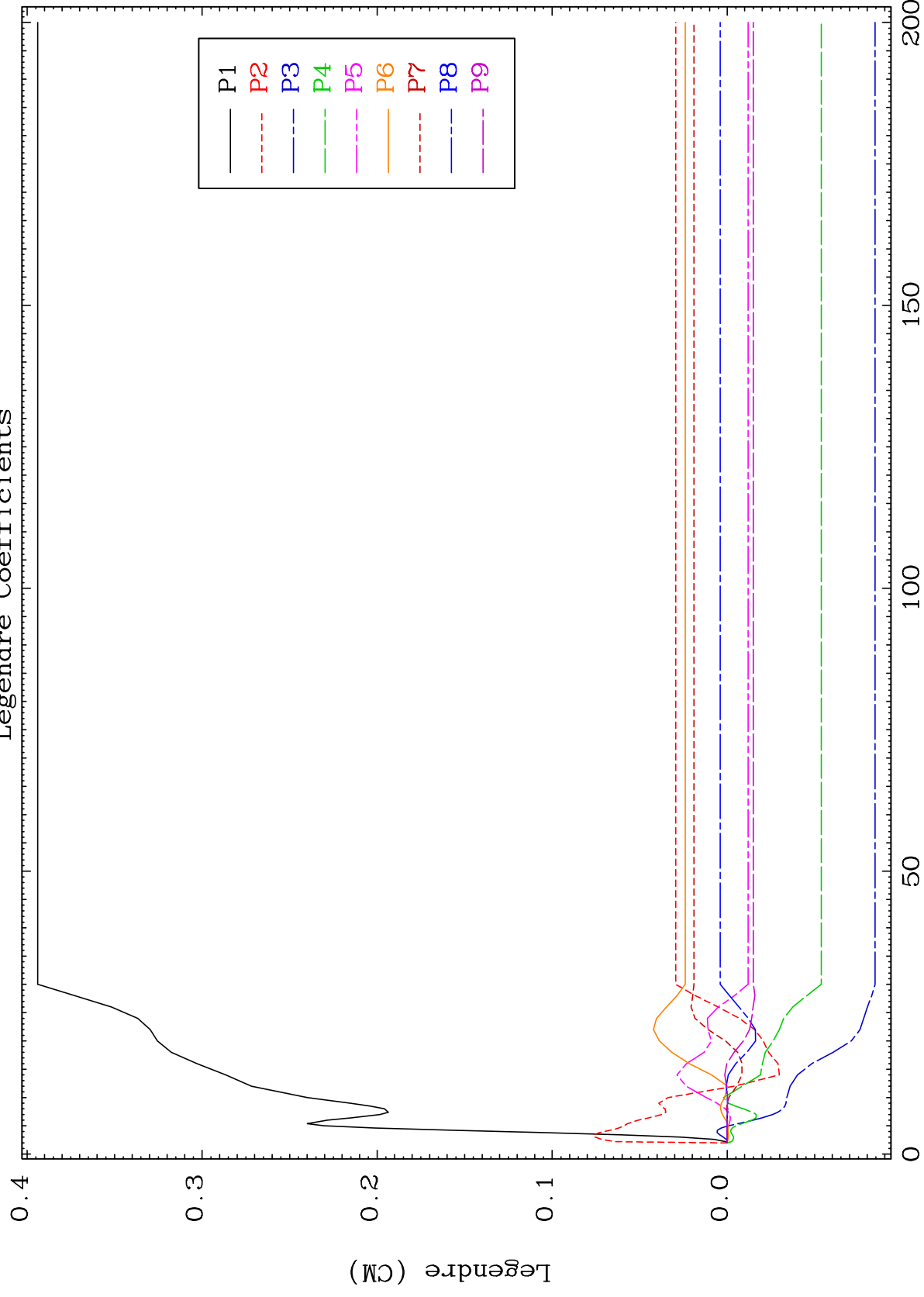
68-Er-156



MAT 6807

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

68-Er-156



114

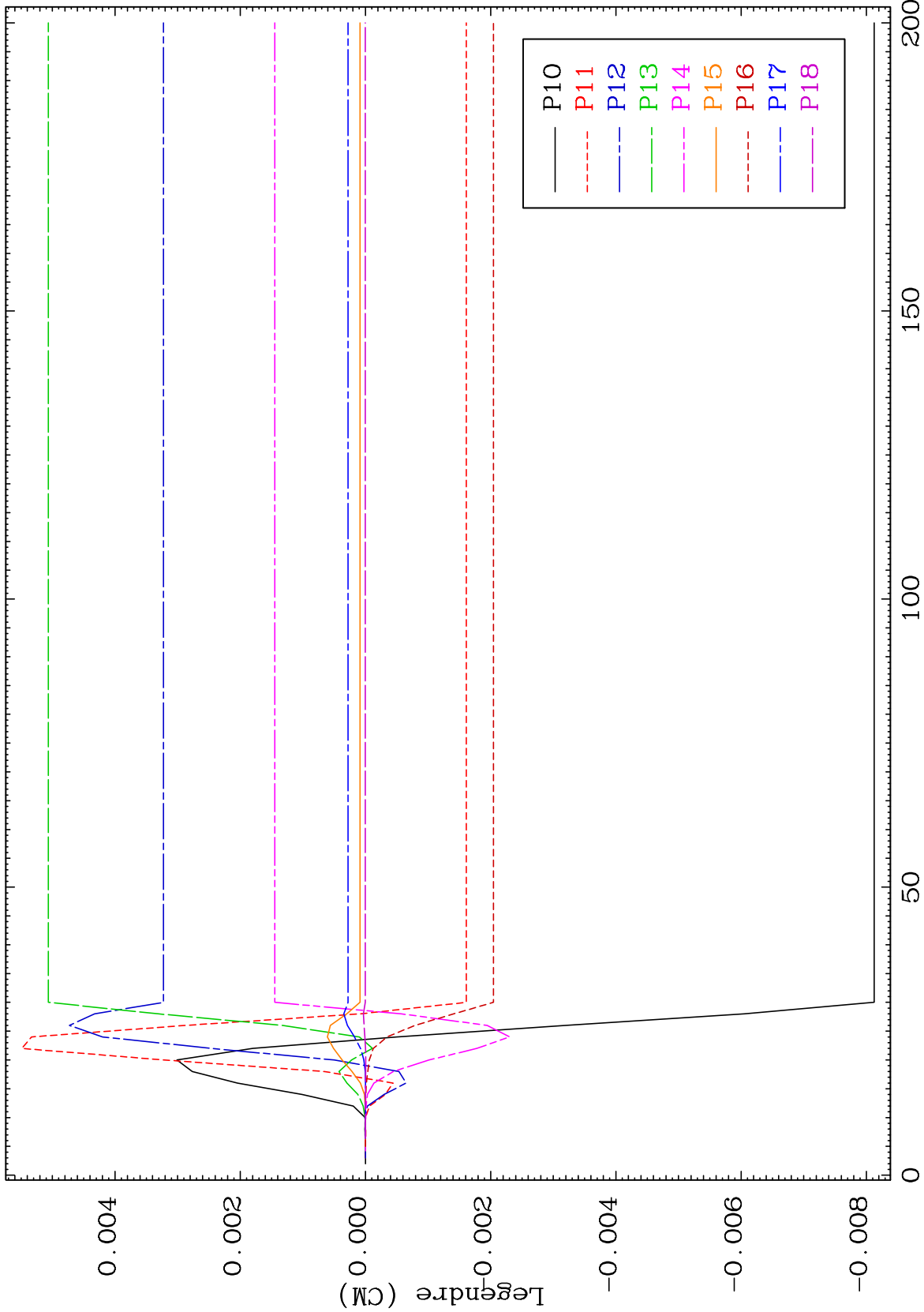
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



115

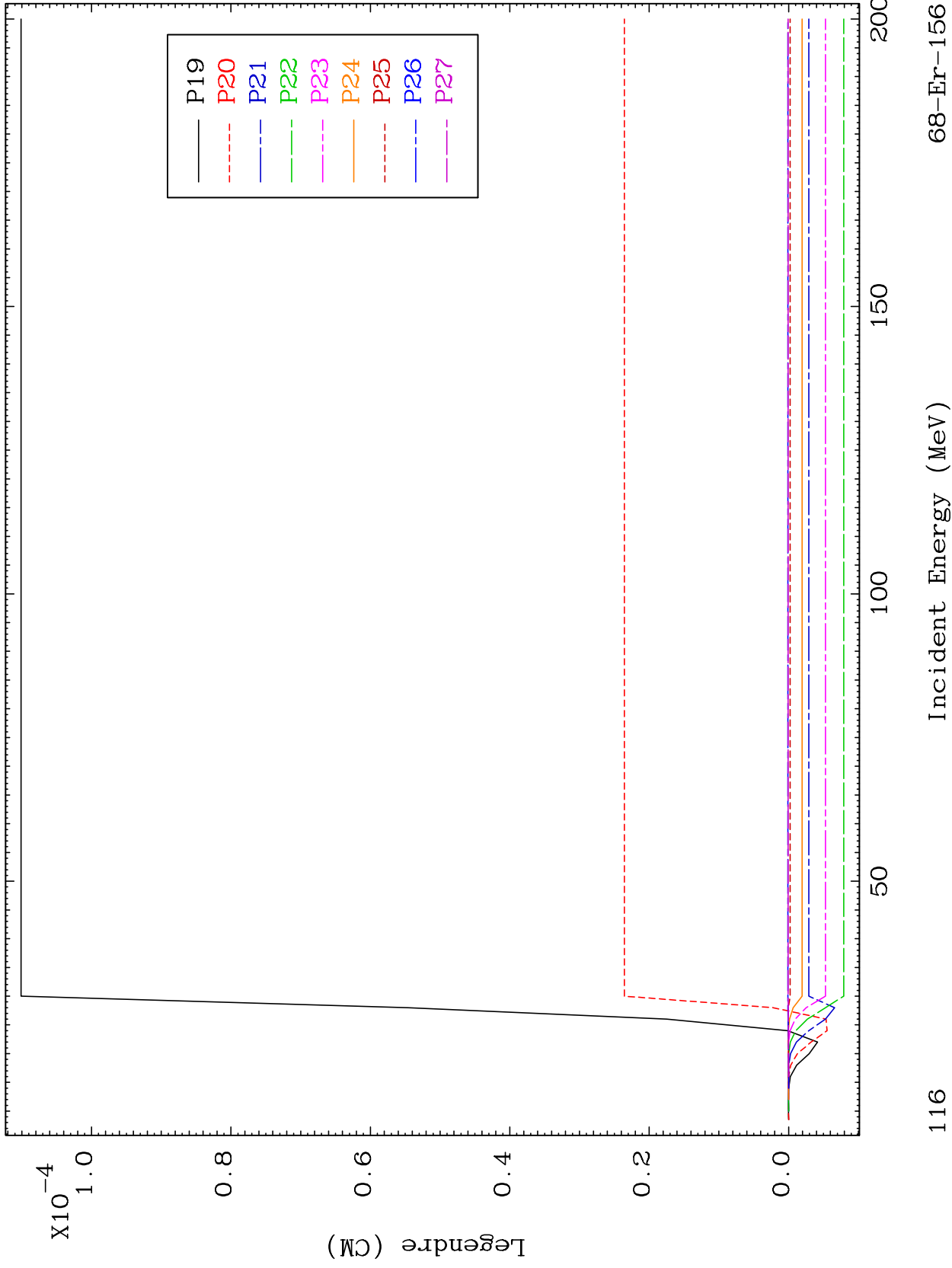
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



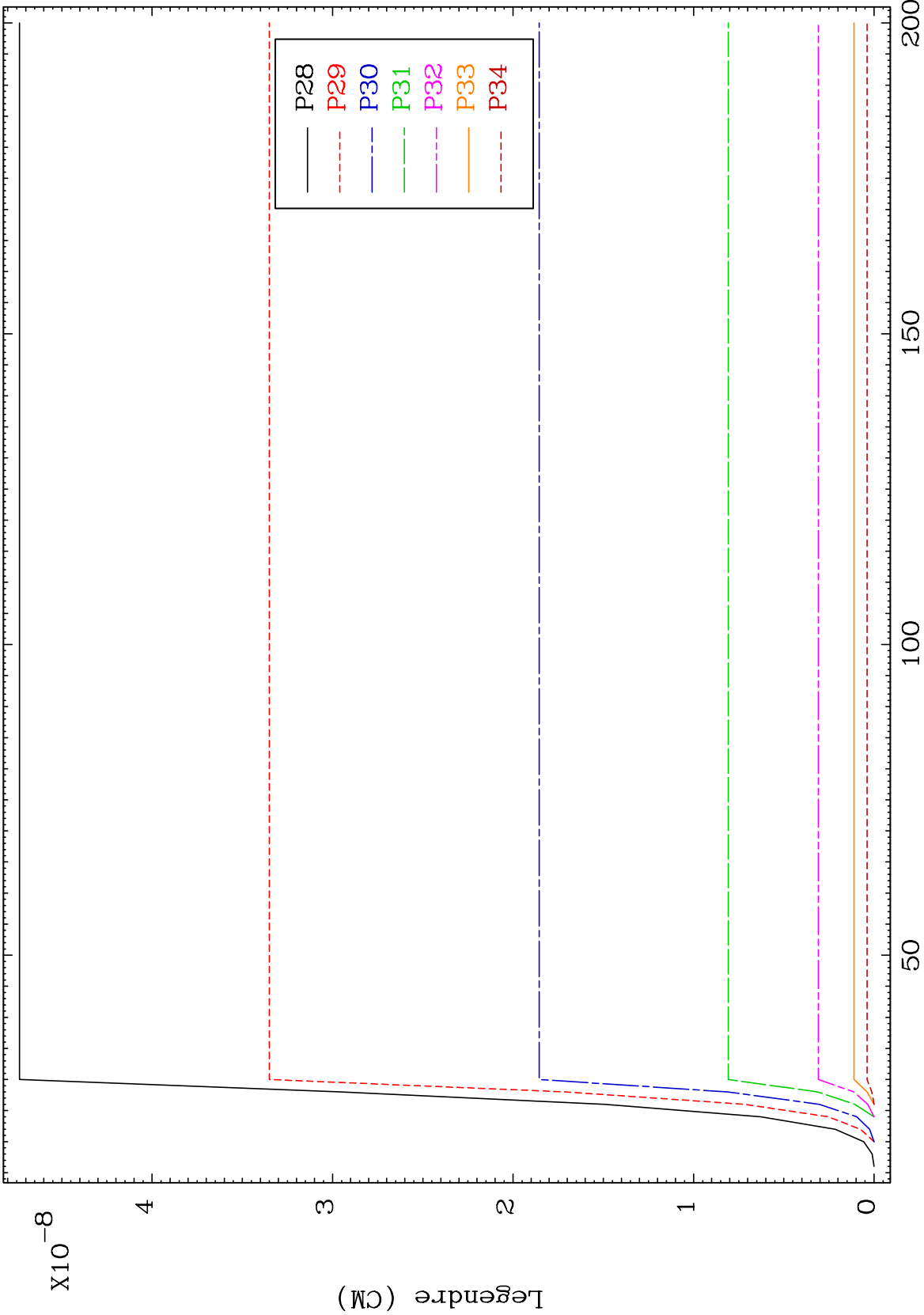
116

68-Er-156

MAT 6807

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

68-Er-156



117

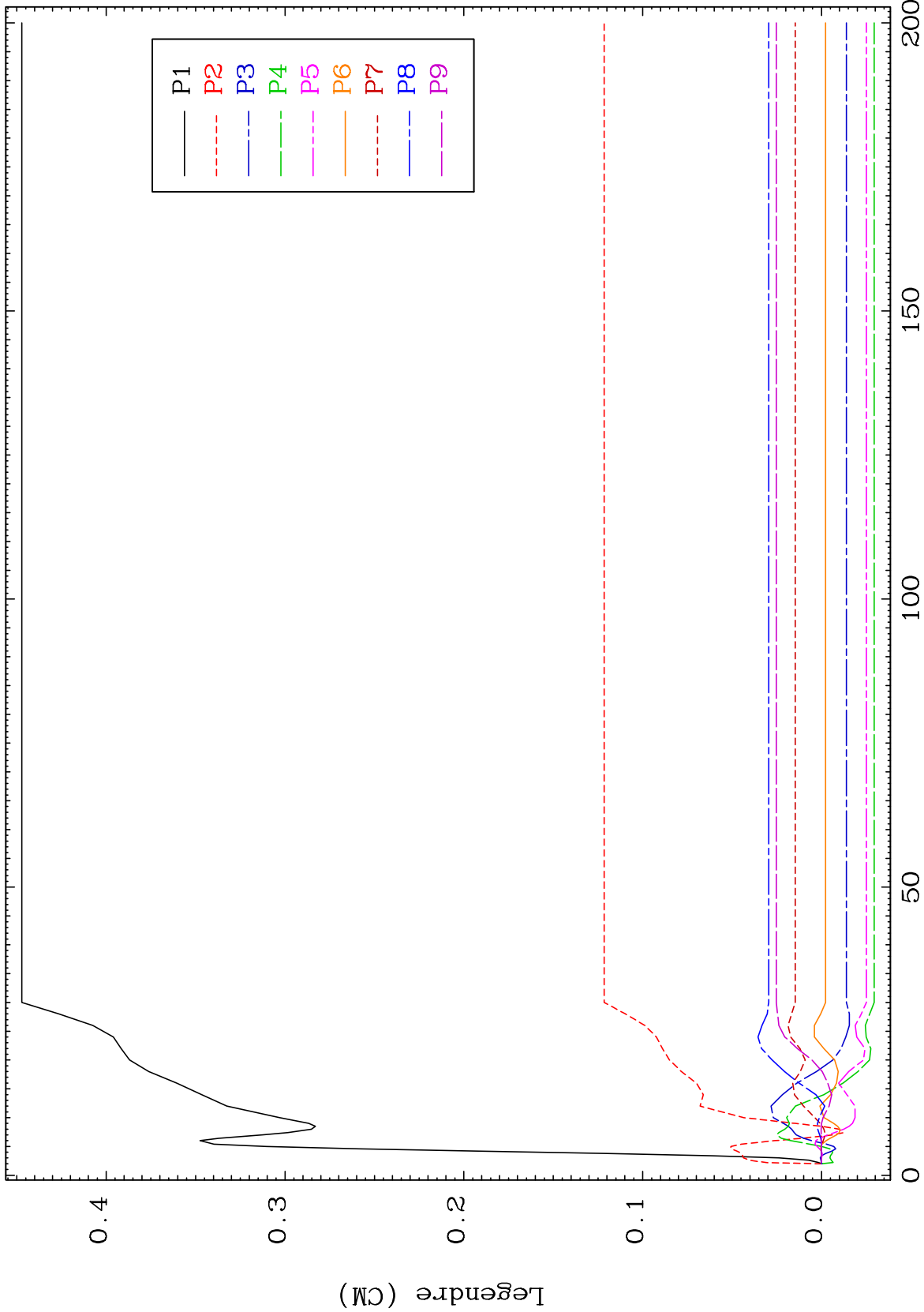
Incident Energy (MeV)

68-Er-156

MAT 6807

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

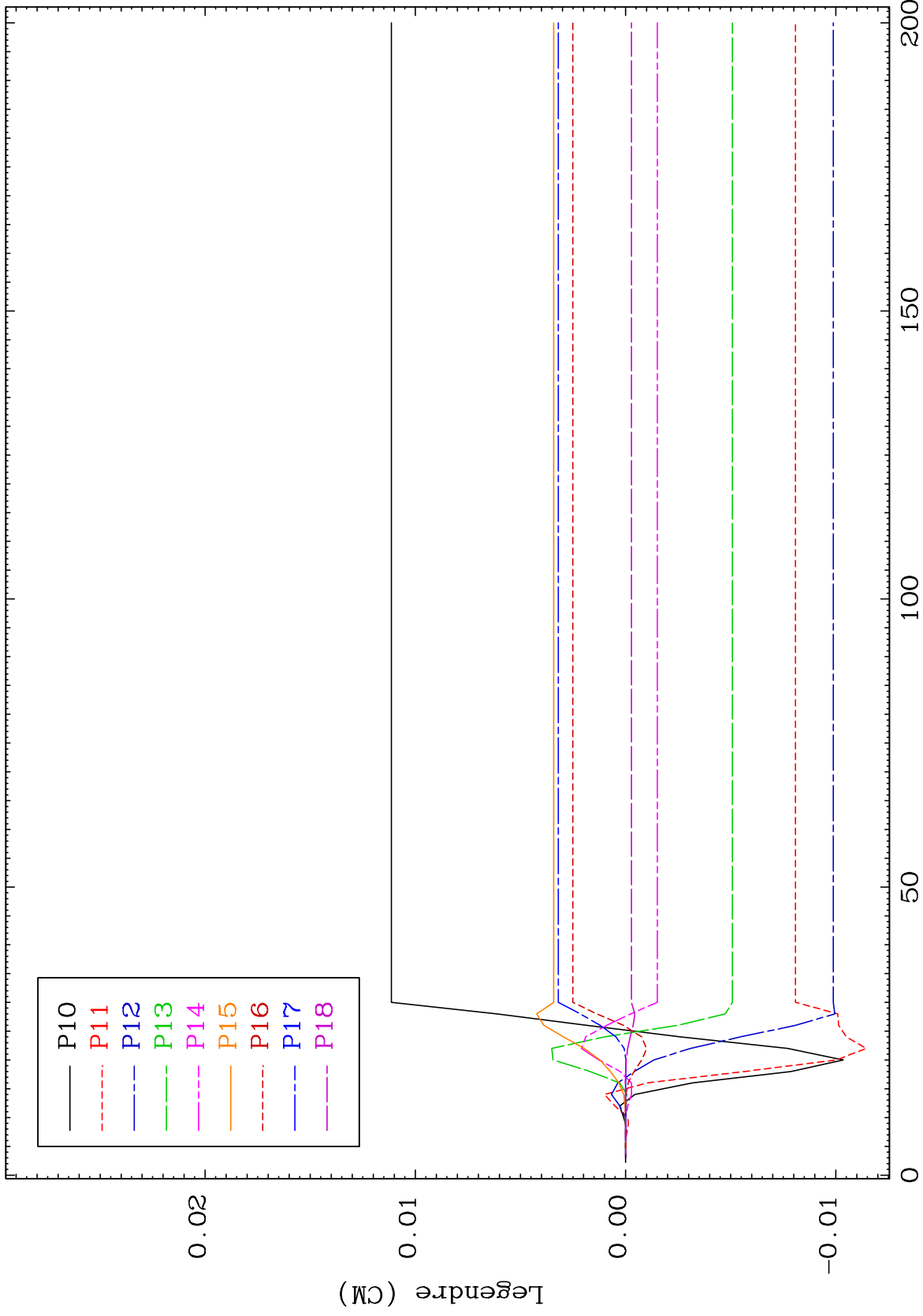
68-Er-156



118

Incident Energy (MeV)

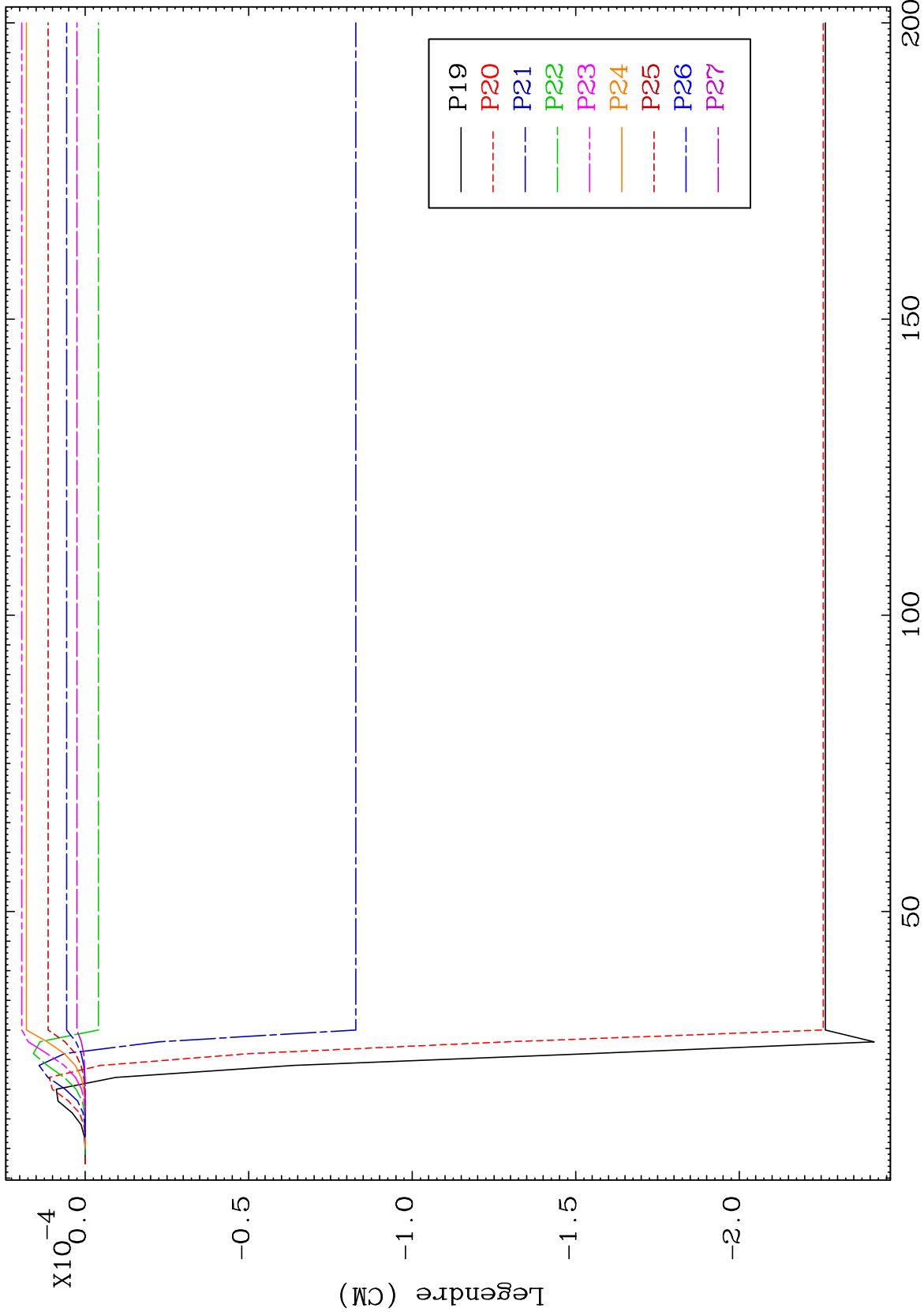
68-Er-156



MAT 6807

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

68-Er-156



120

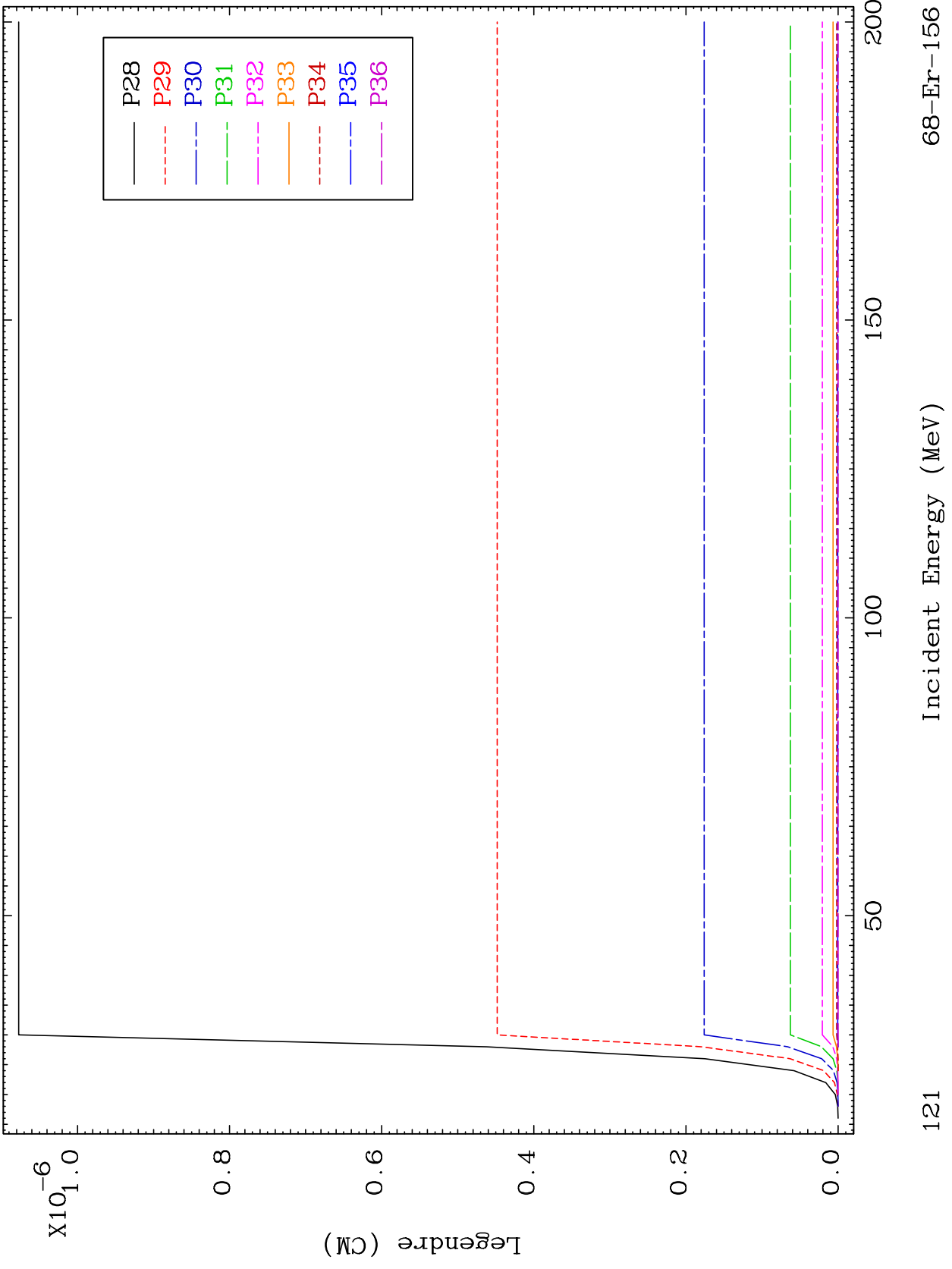
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



121

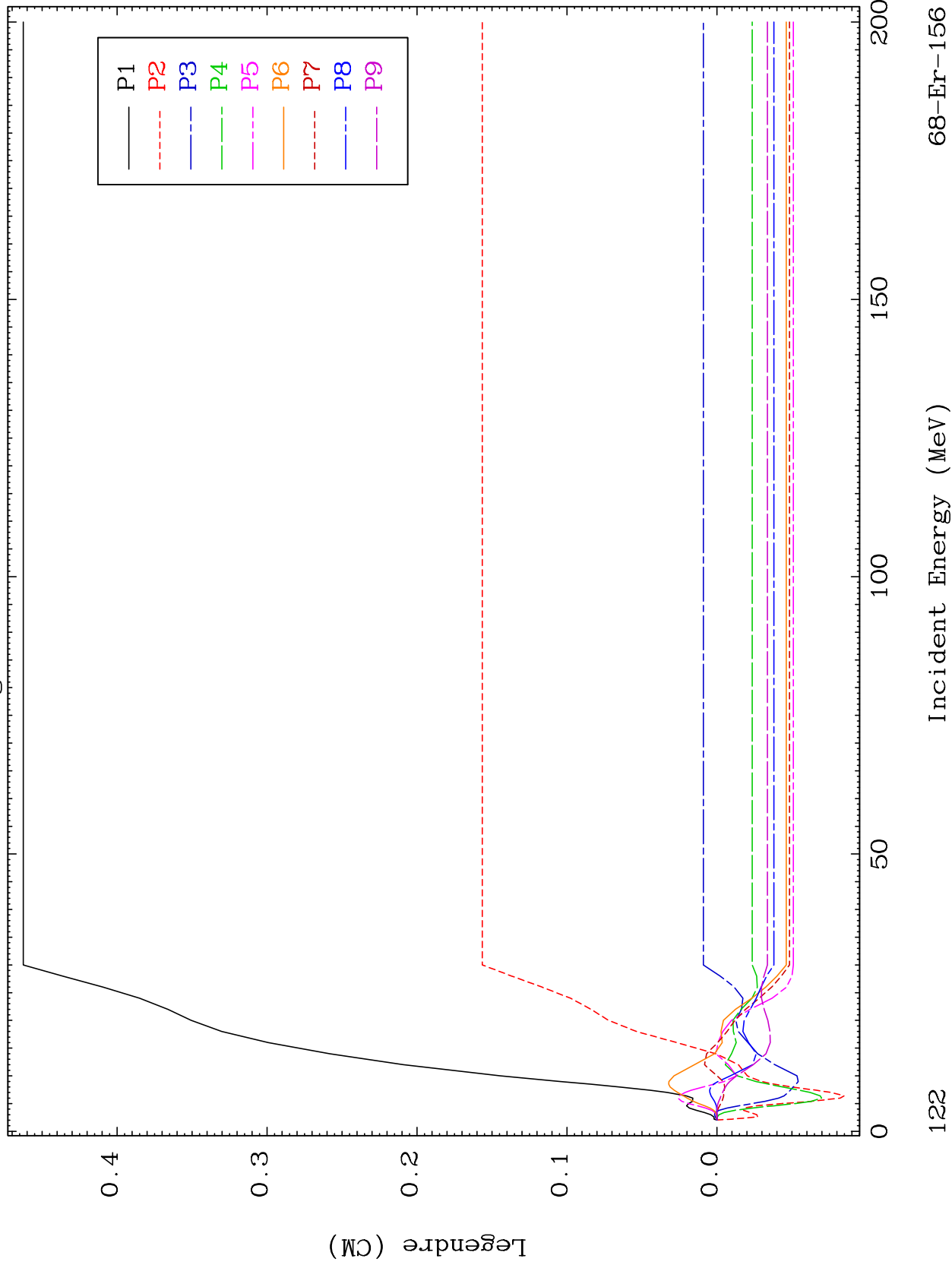
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

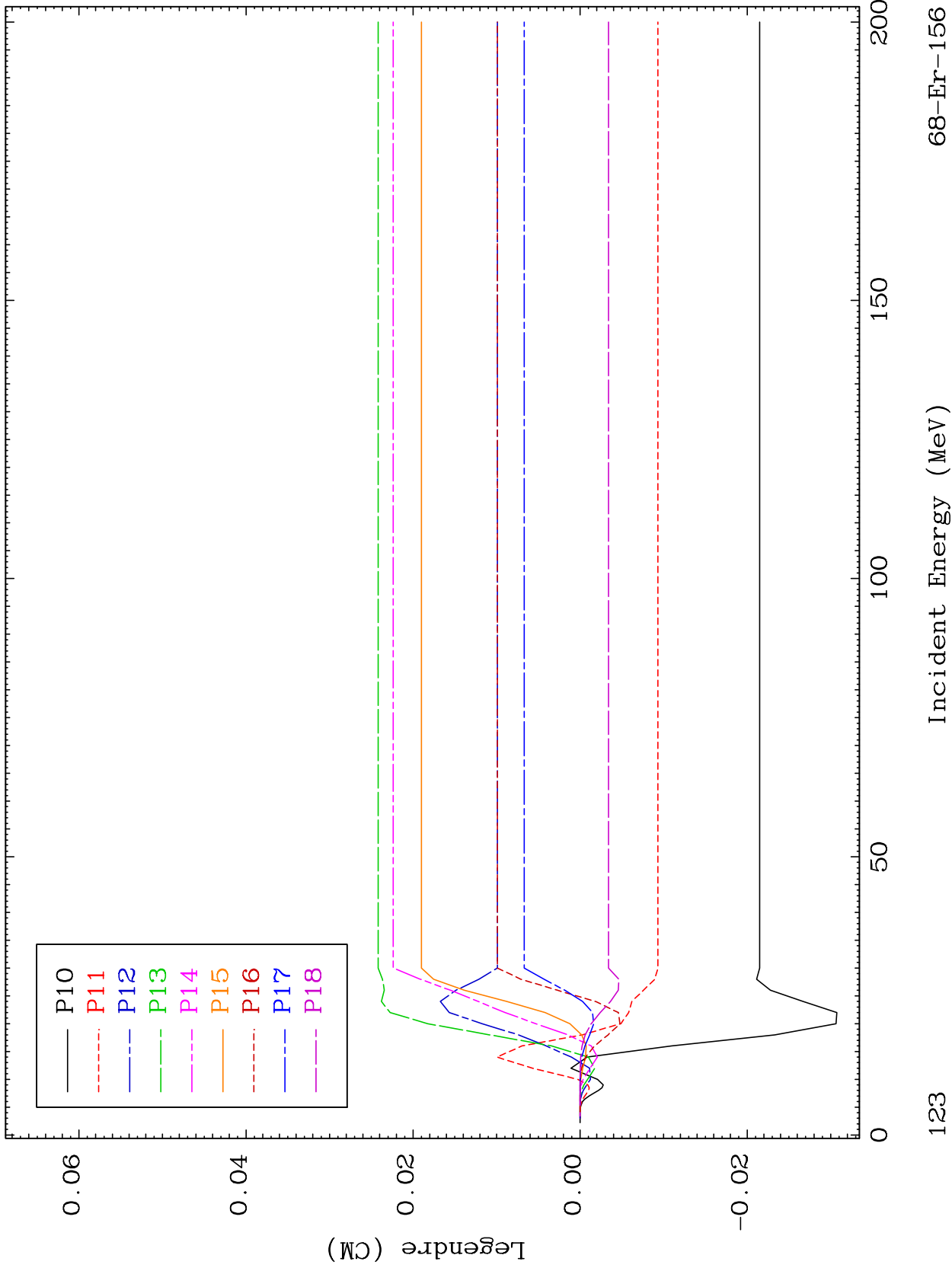
Incident Energy (MeV)

122

MAT 6807

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

68-Er-156



68-Er-156

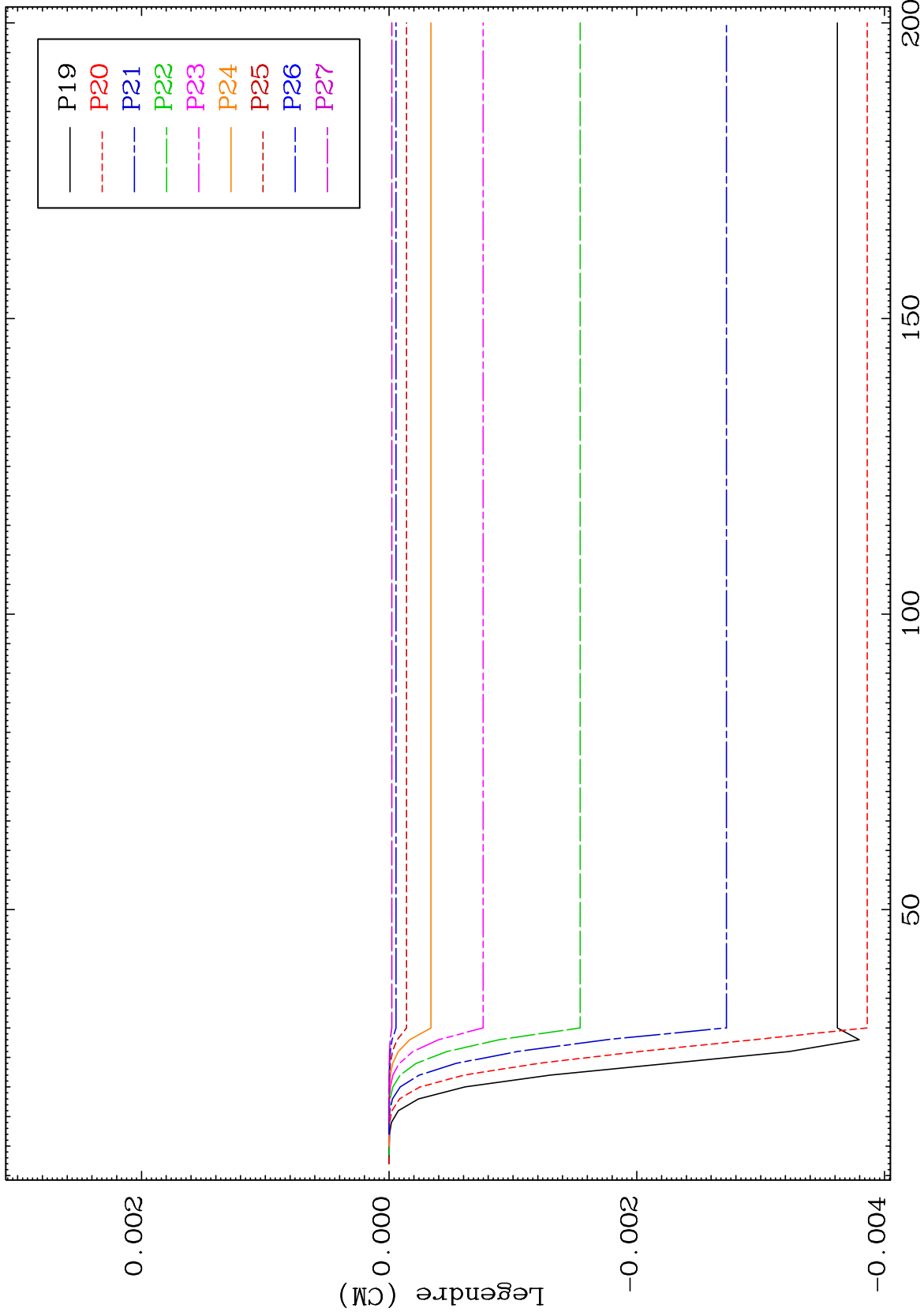
Incident Energy (MeV)

123

MAT 6807

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

68-Er-156

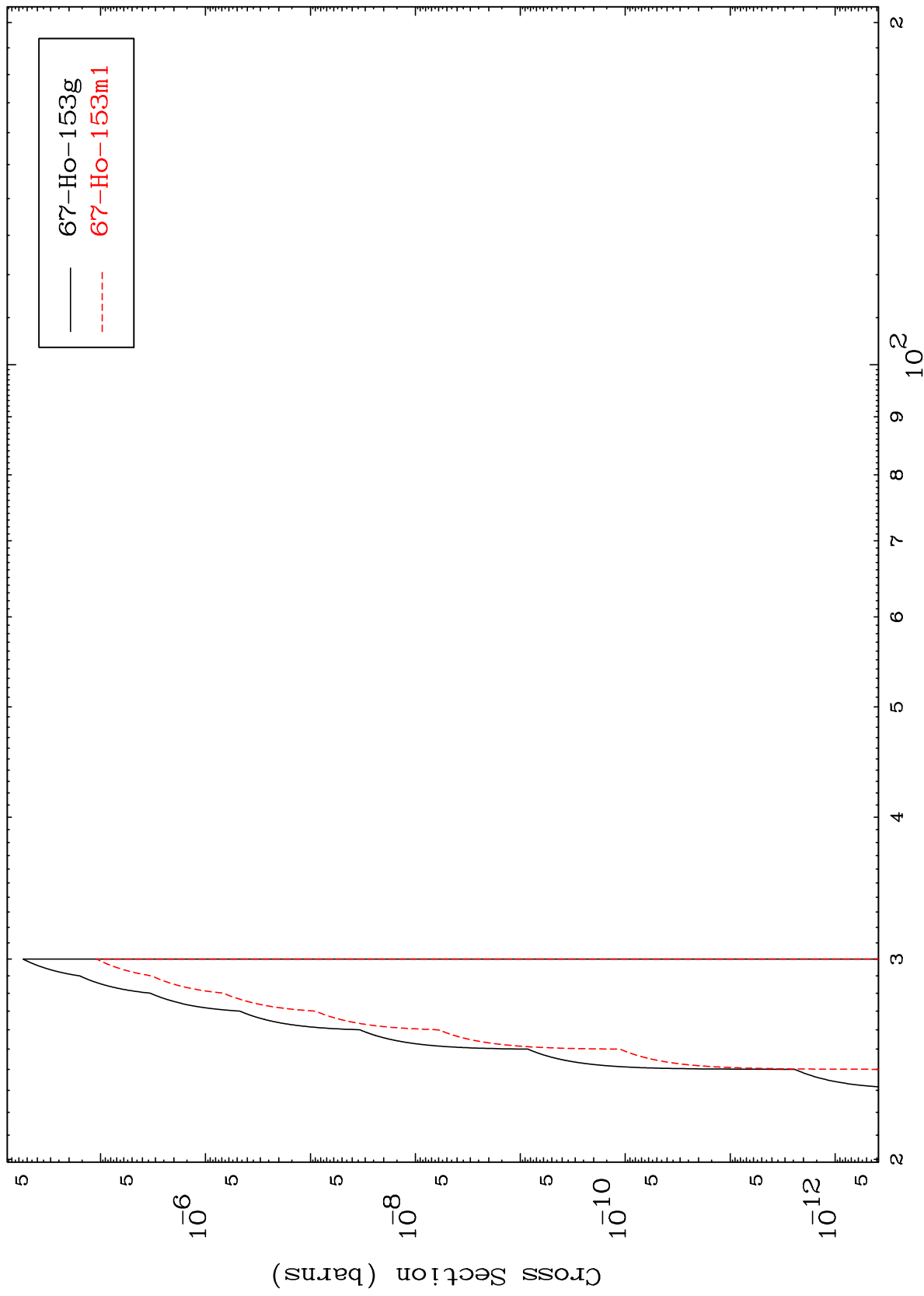


124

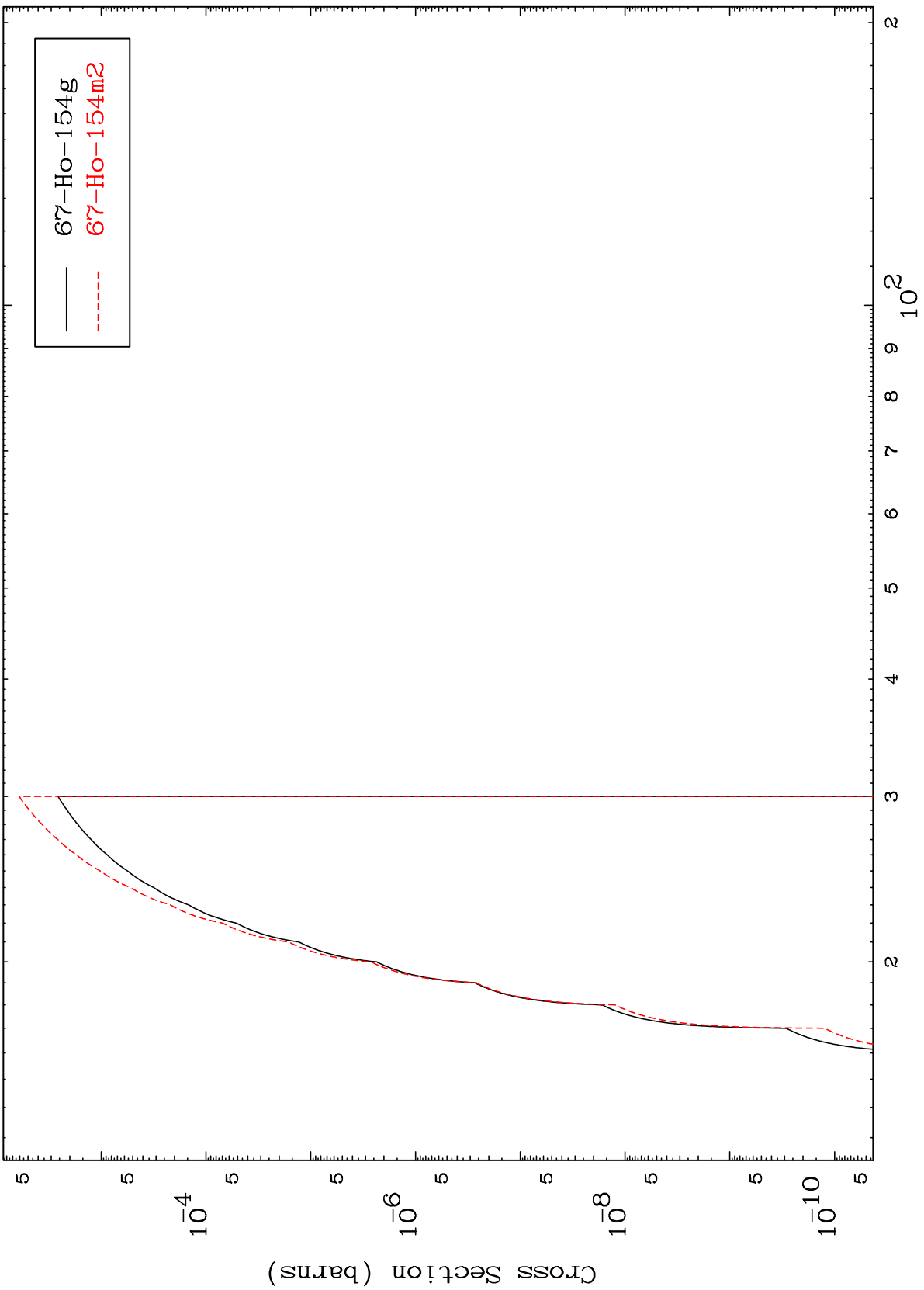
Incident Energy (MeV)

68-Er-156

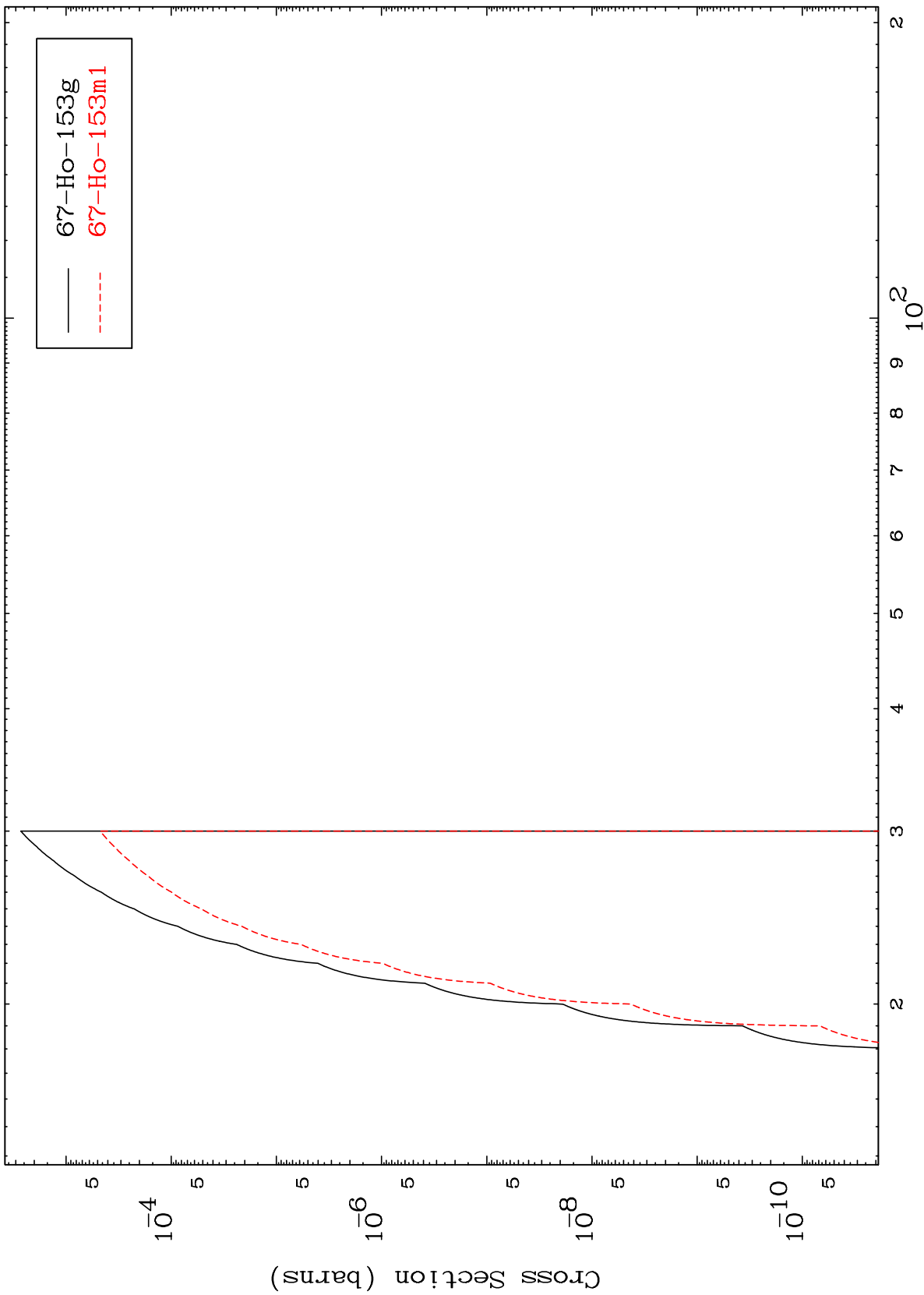
Radionuclide Production Cross Section



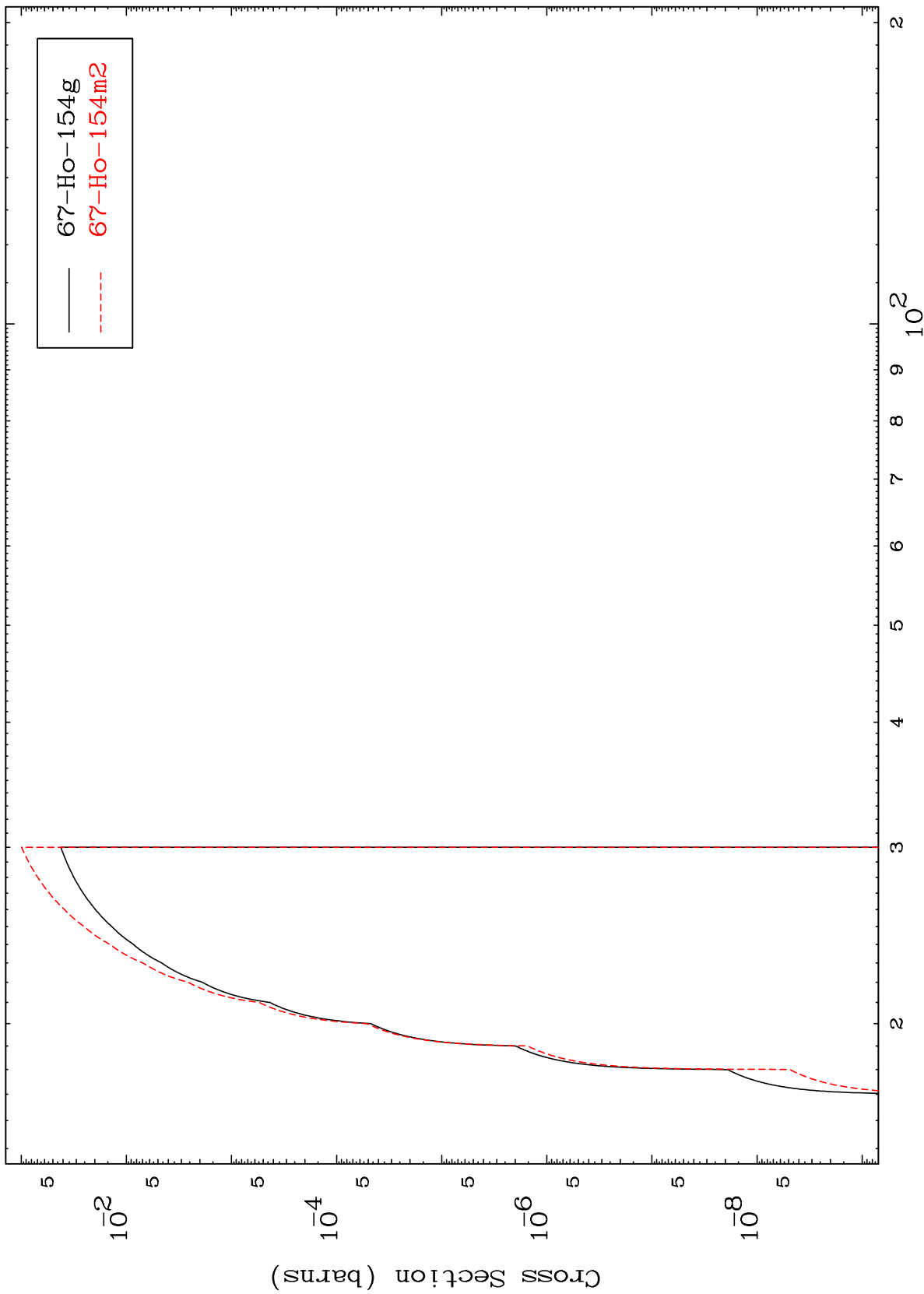
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

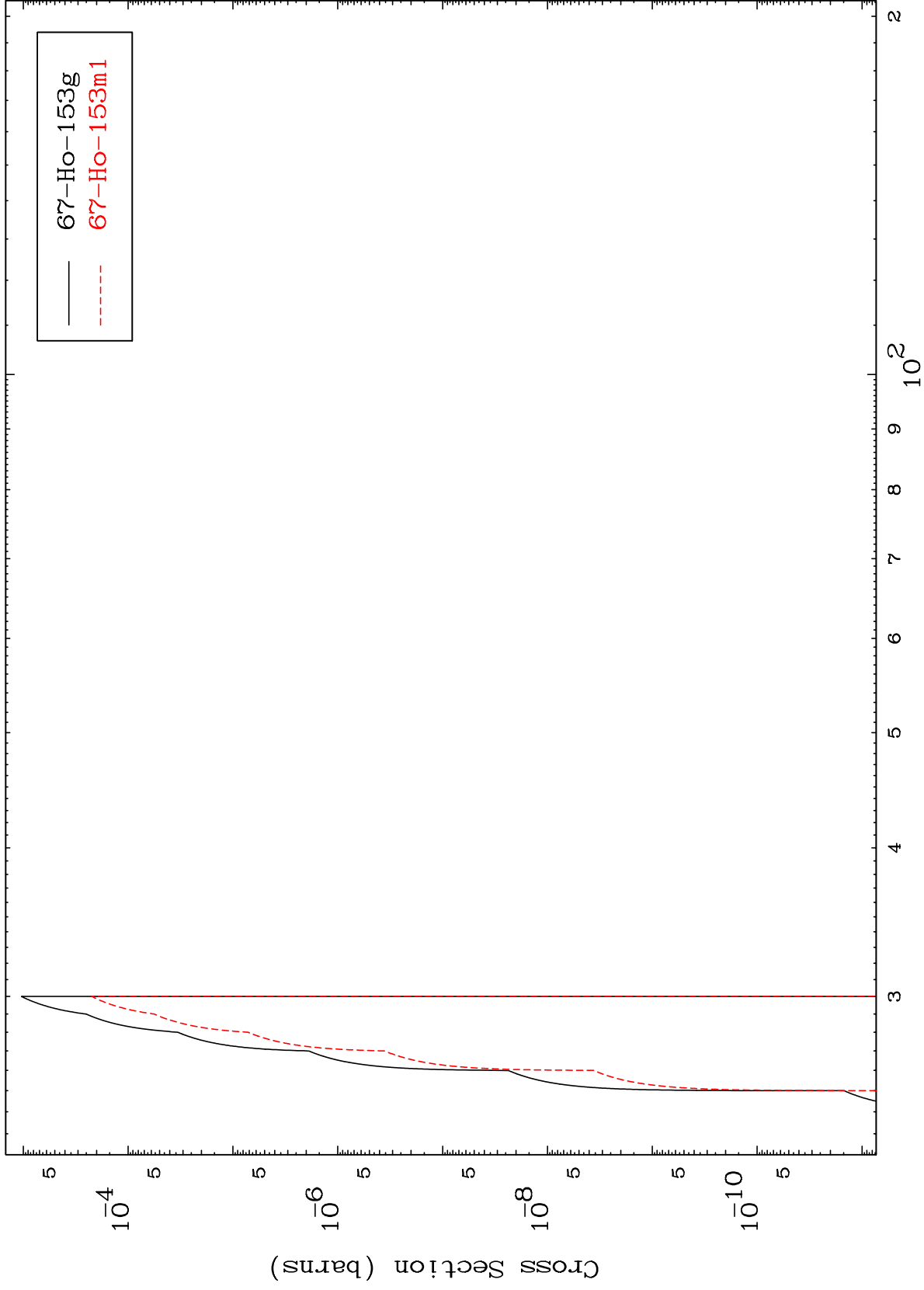


MAT 6807

(n,3n) p

68-Er-156

Radionuclide Production Cross Section



130

Incident Energy (MeV)

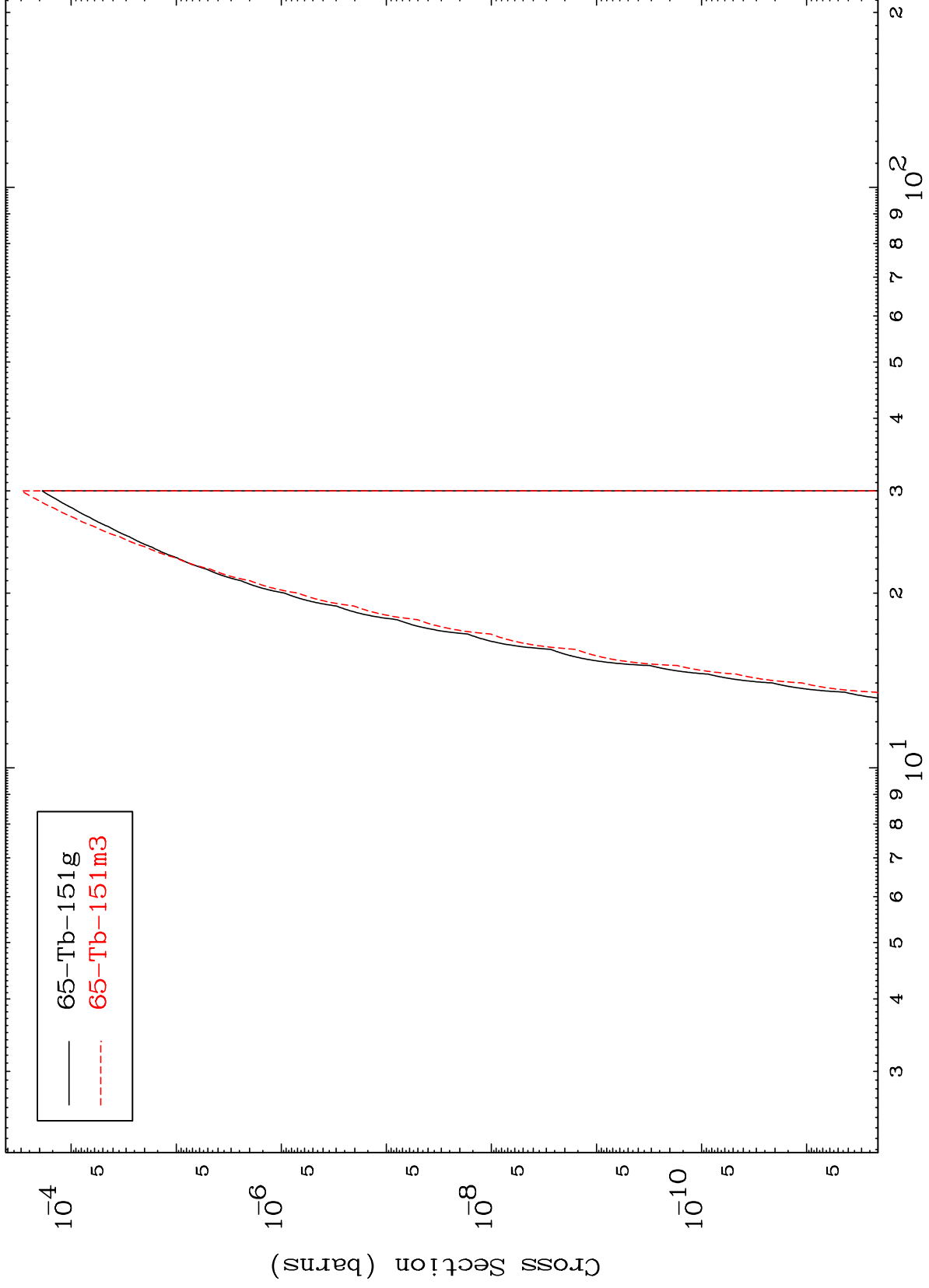
68-Er-156

MAT 6807

(n,n') p α

68-Er-156

Radionuclide Production Cross Section



— 65-Tb-151g
- - - 65-Tb-151m3

131

Incident Energy (MeV)

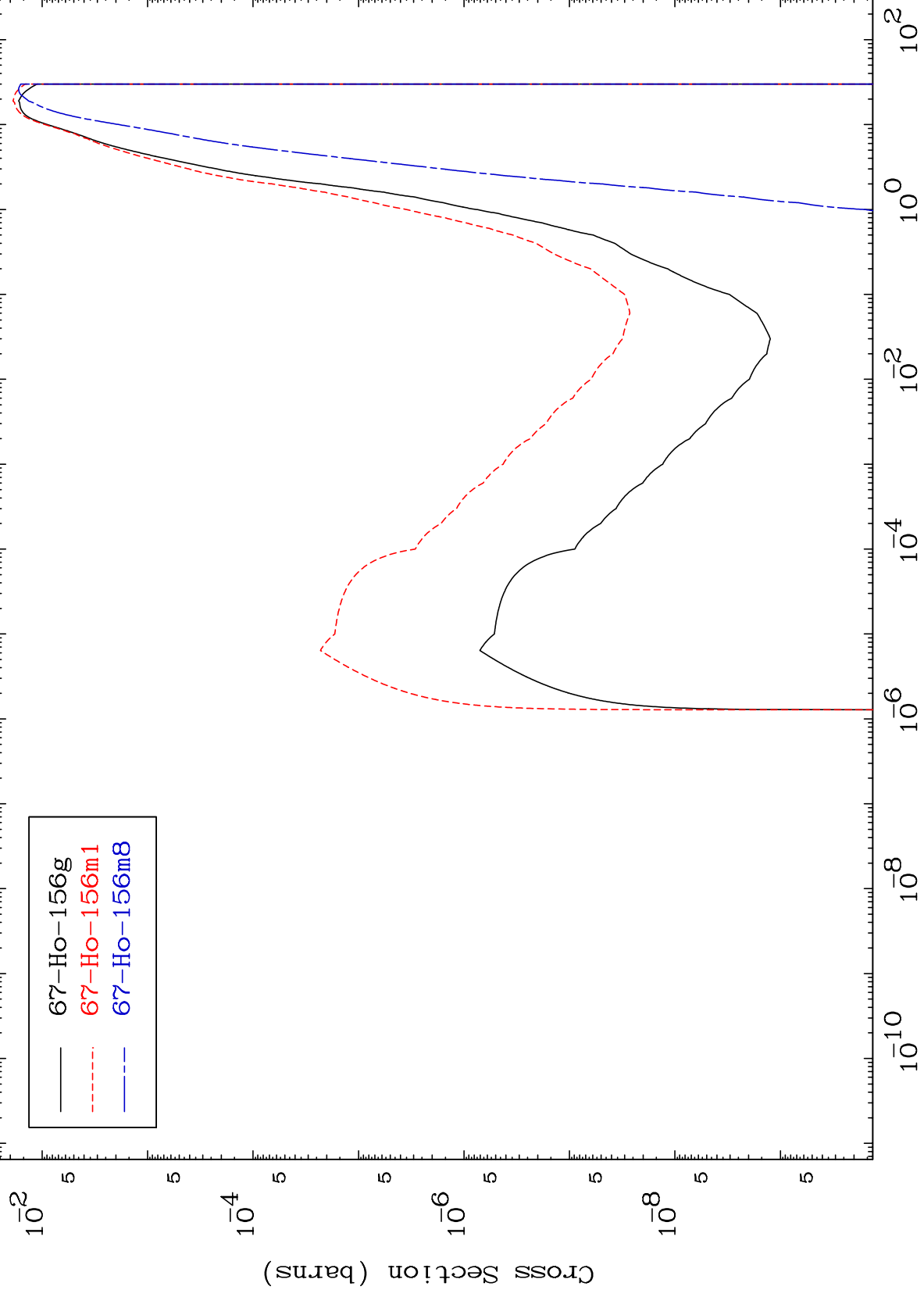
68-Er-156

MAT 6807

(n,p)

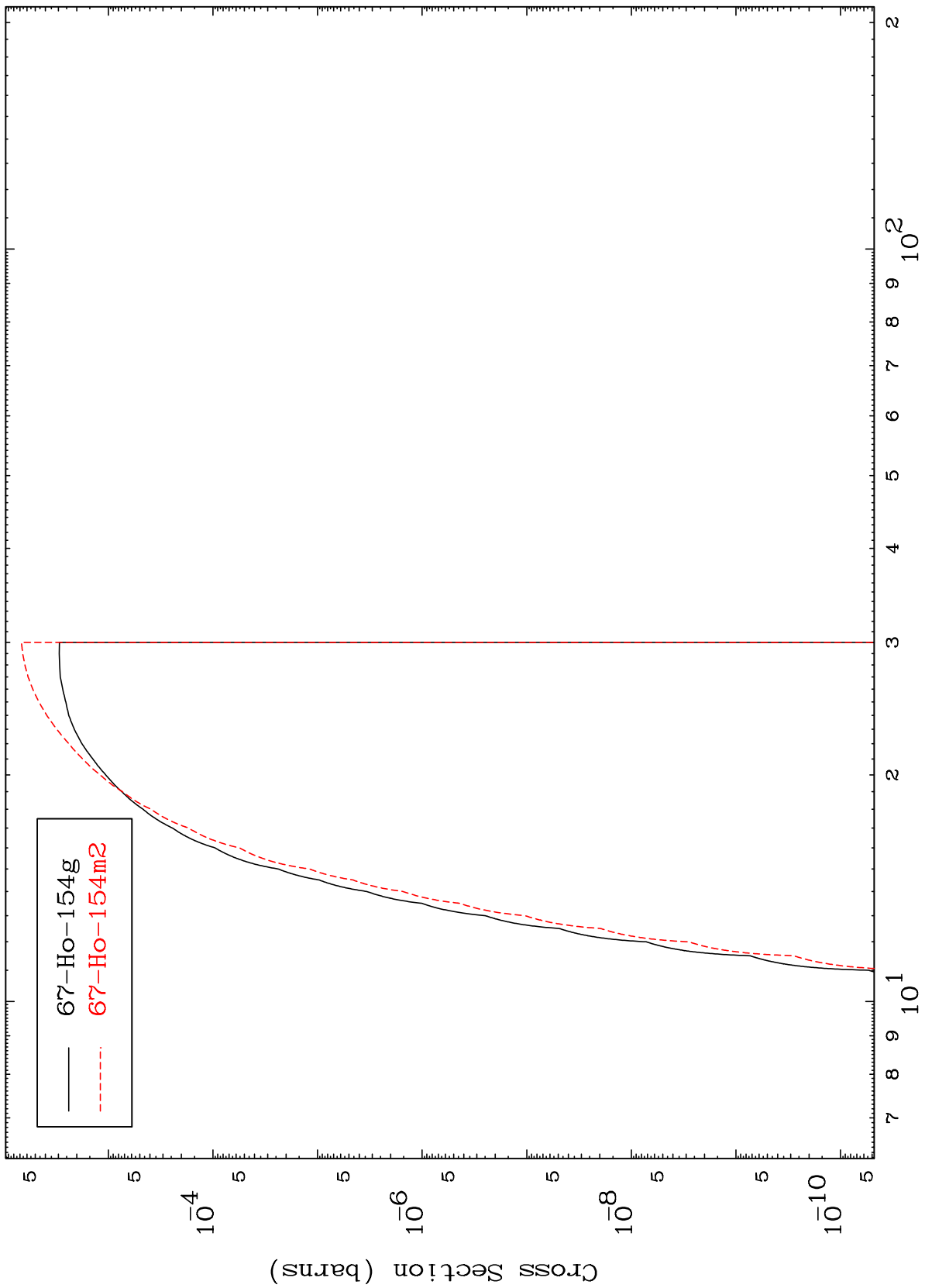
68-Er-156

Radionuclide Production Cross Section



67-Ho-156g
67-Ho-156m1
67-Ho-156m8

(n, t)
Radionuclide Production Cross Section

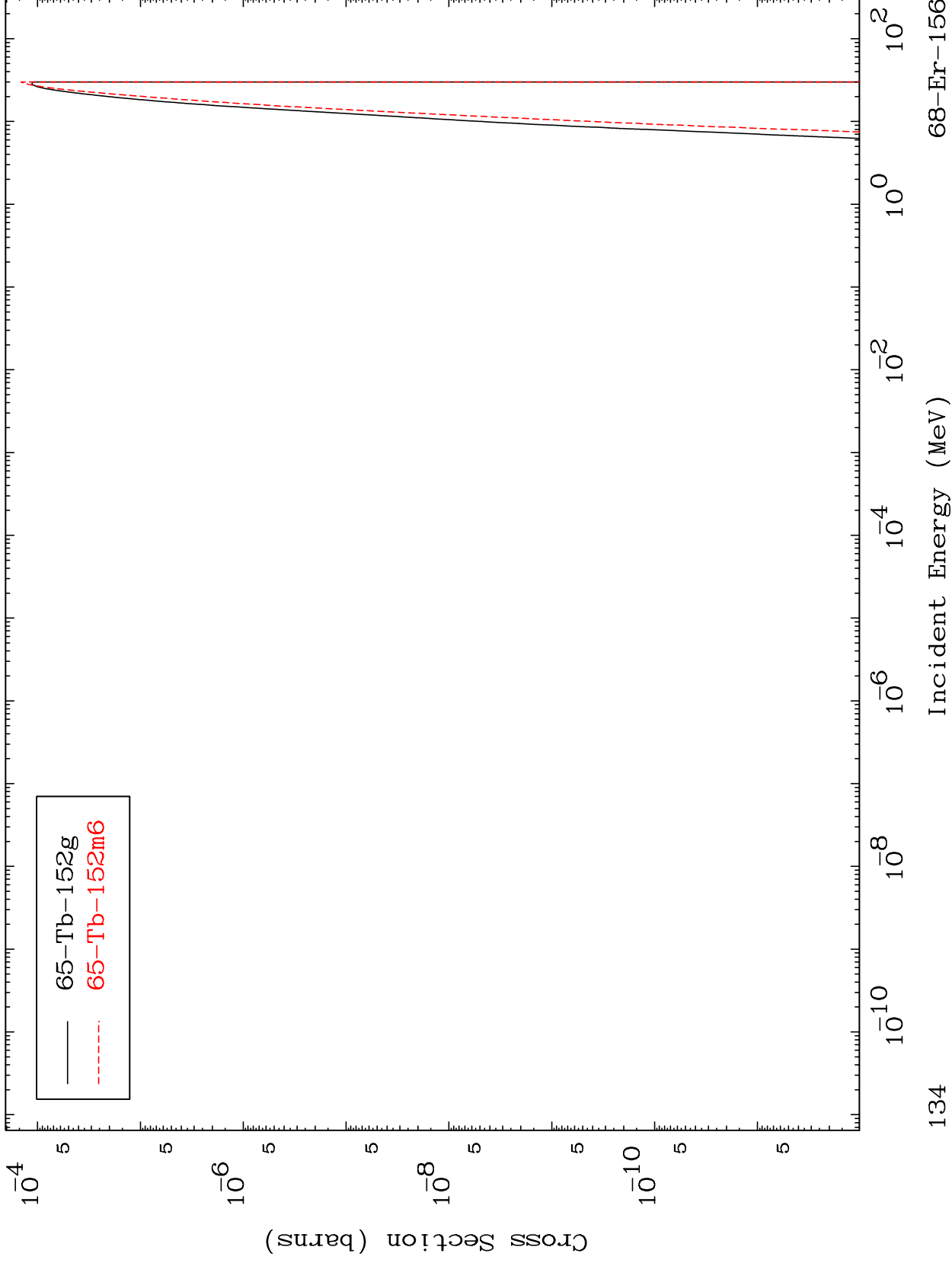


MAT 6807

(n,p) α

68-Er-156

Radionuclide Production Cross Section



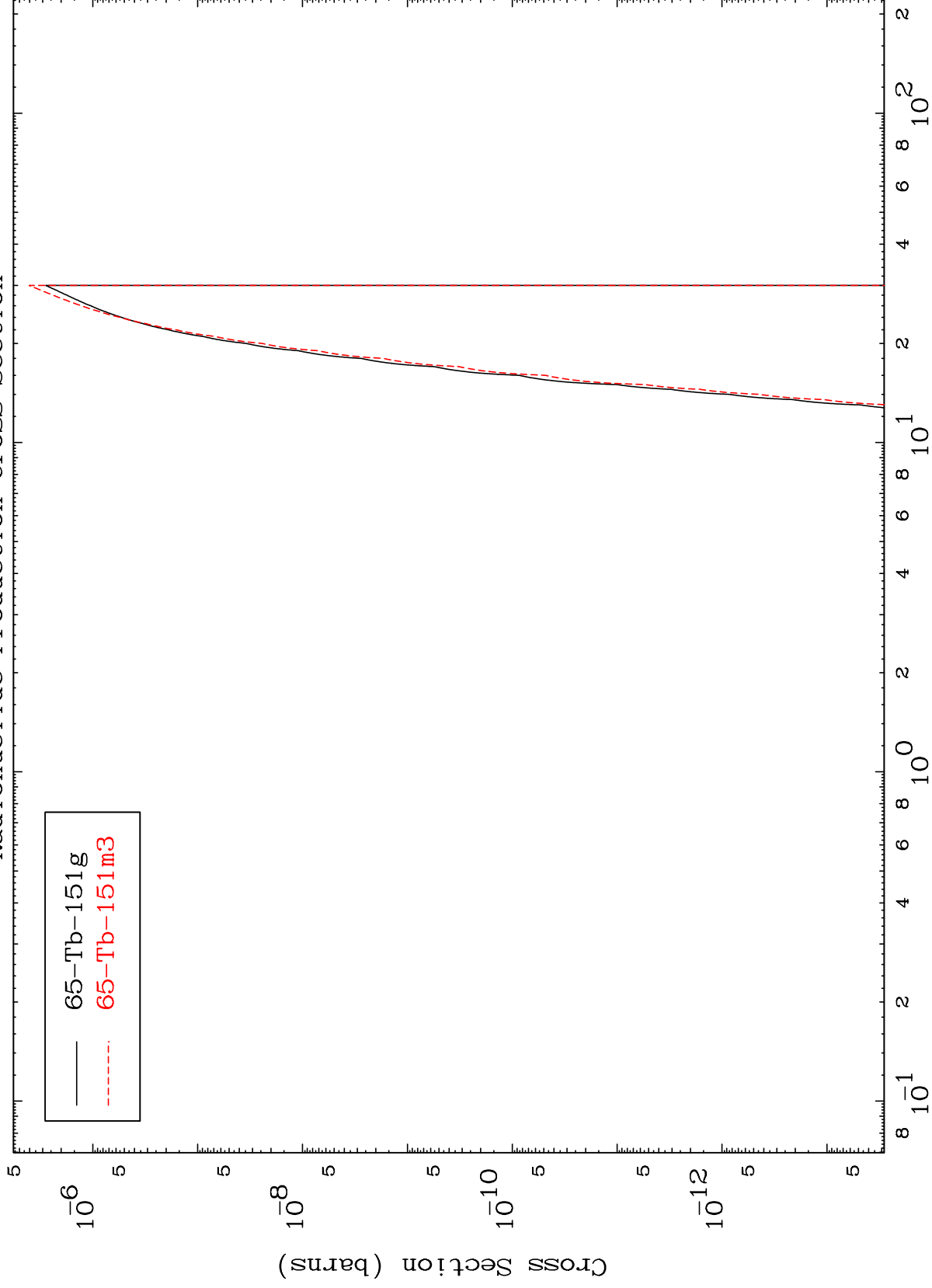
65-Tb-152g
65-Tb-152m6

MAT 6807

(n,d) α

68-Er-156

Radionuclide Production Cross Section



135

Incident Energy (MeV)

68-Er-156