

Program EVALPLOT  
(Version 2018-1)

by

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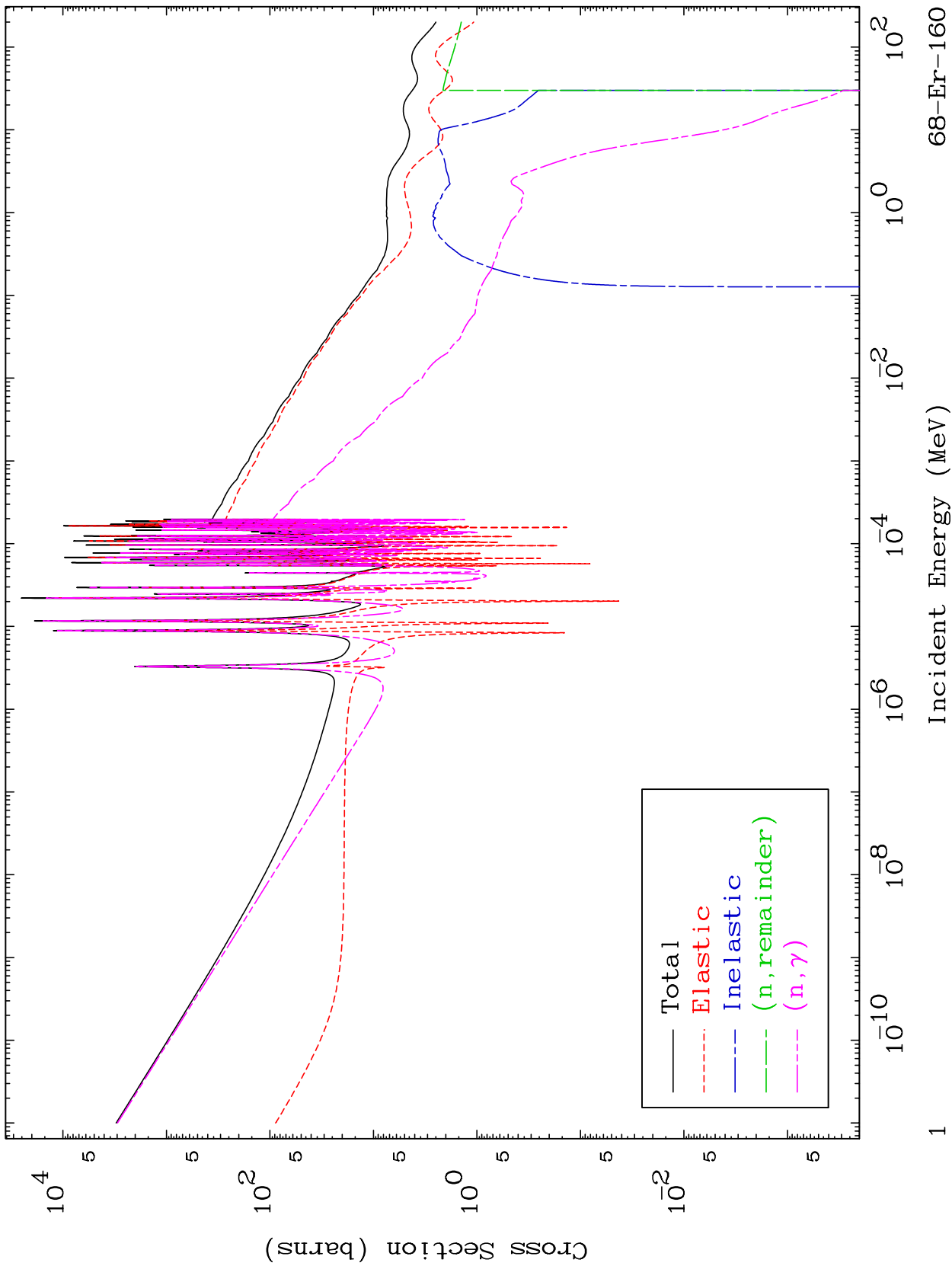
Press Mouse Button to Start

MAT 6819

Major

68-Er-160

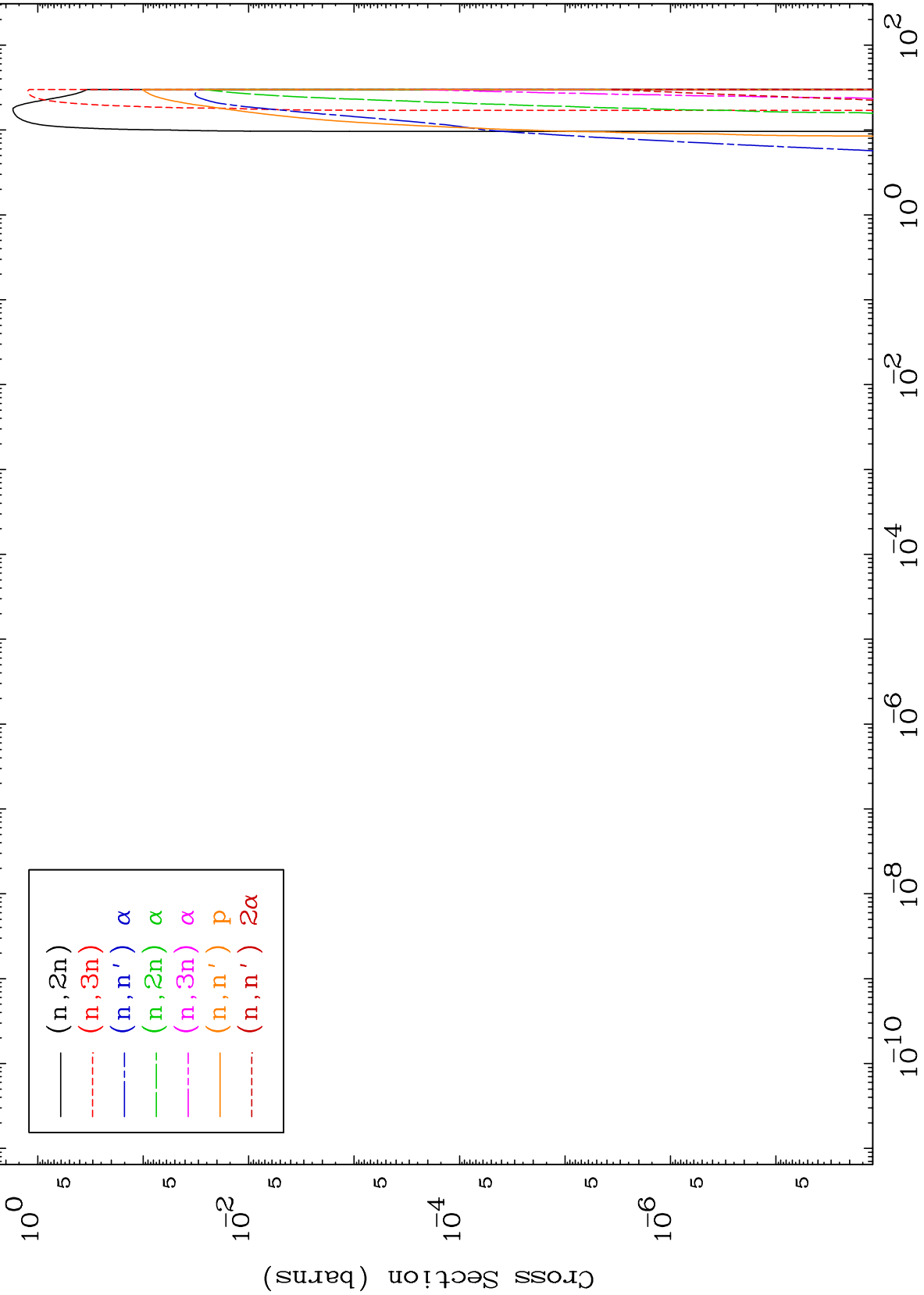
293 Kelvin Cross Sections



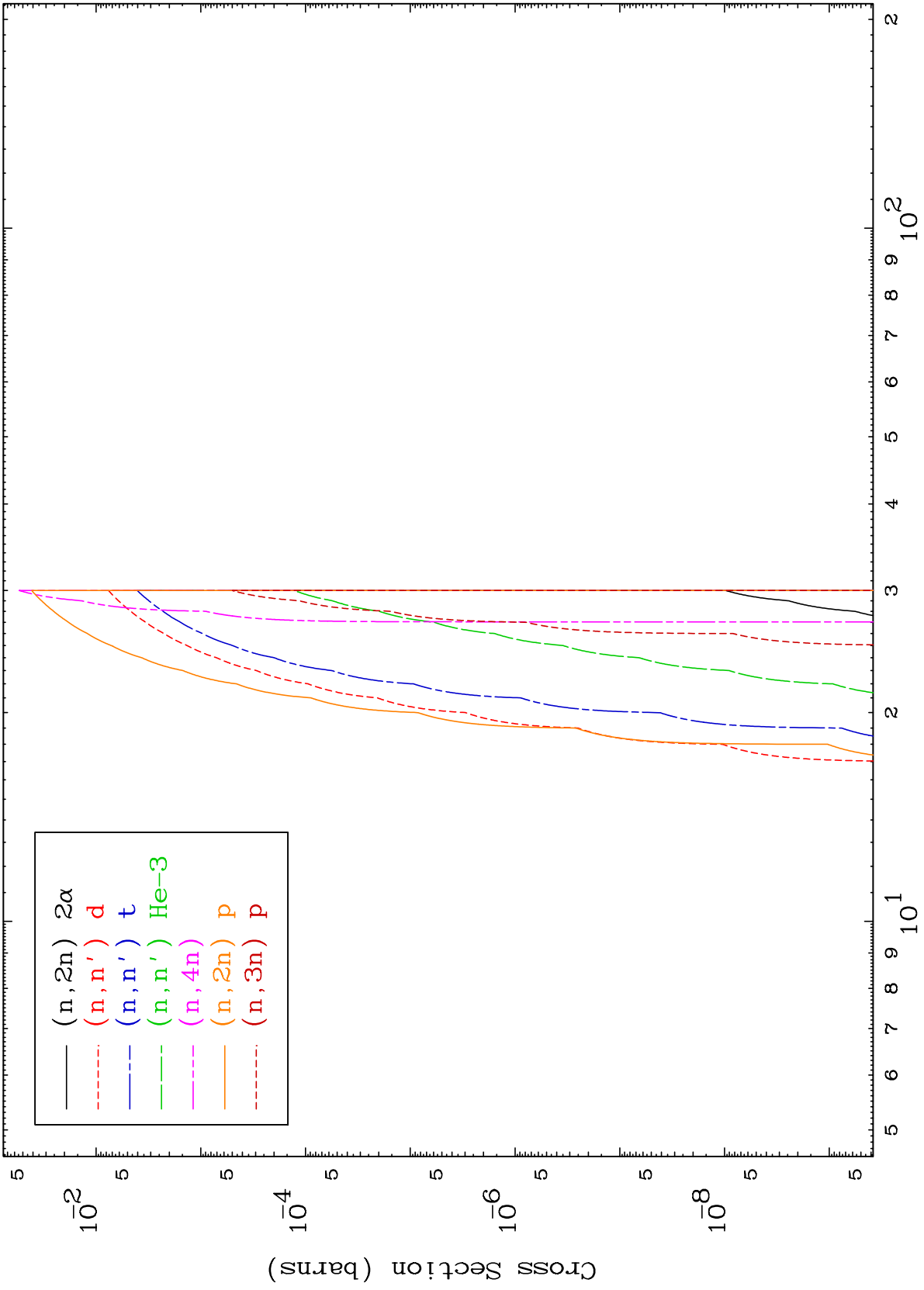
MAT 6819

Neutron Production  
293 Kelvin Cross Sections

68-Er-160



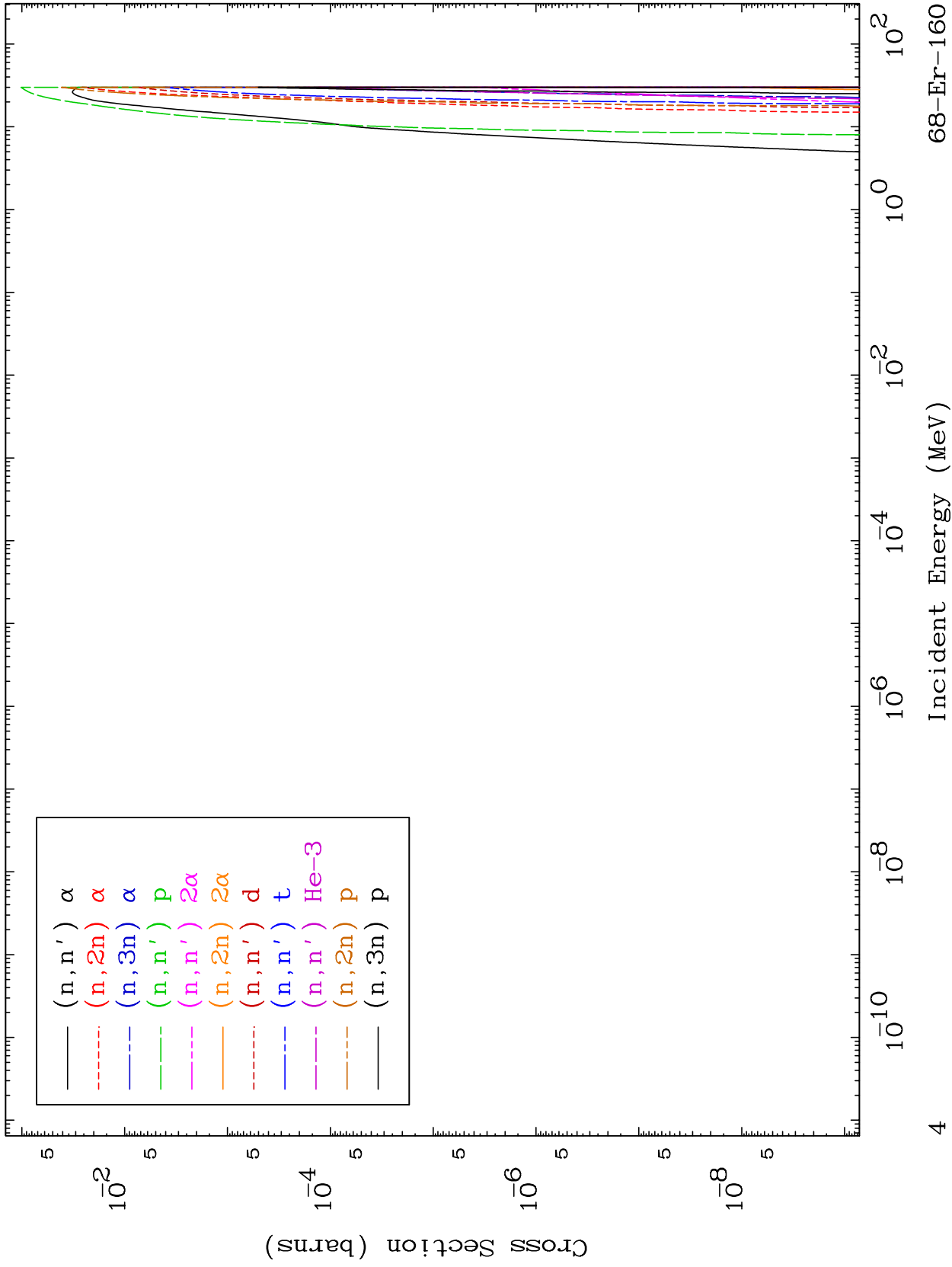
68-Er-160



MAT 6819

Charged Particle  
293 Kelvin Cross Sections

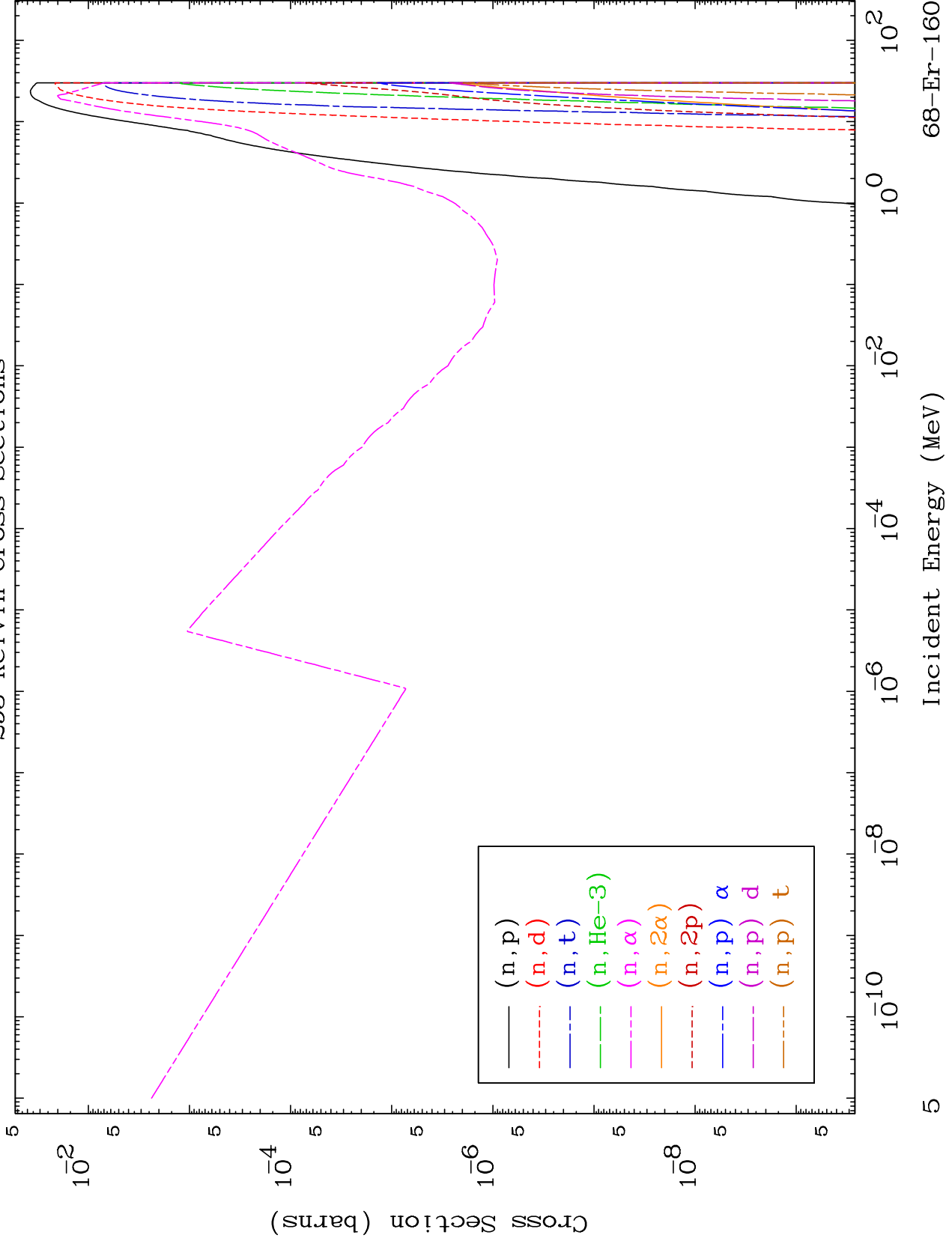
68-Er-160



MAT 6819

Charged Particle  
293 Kelvin Cross Sections

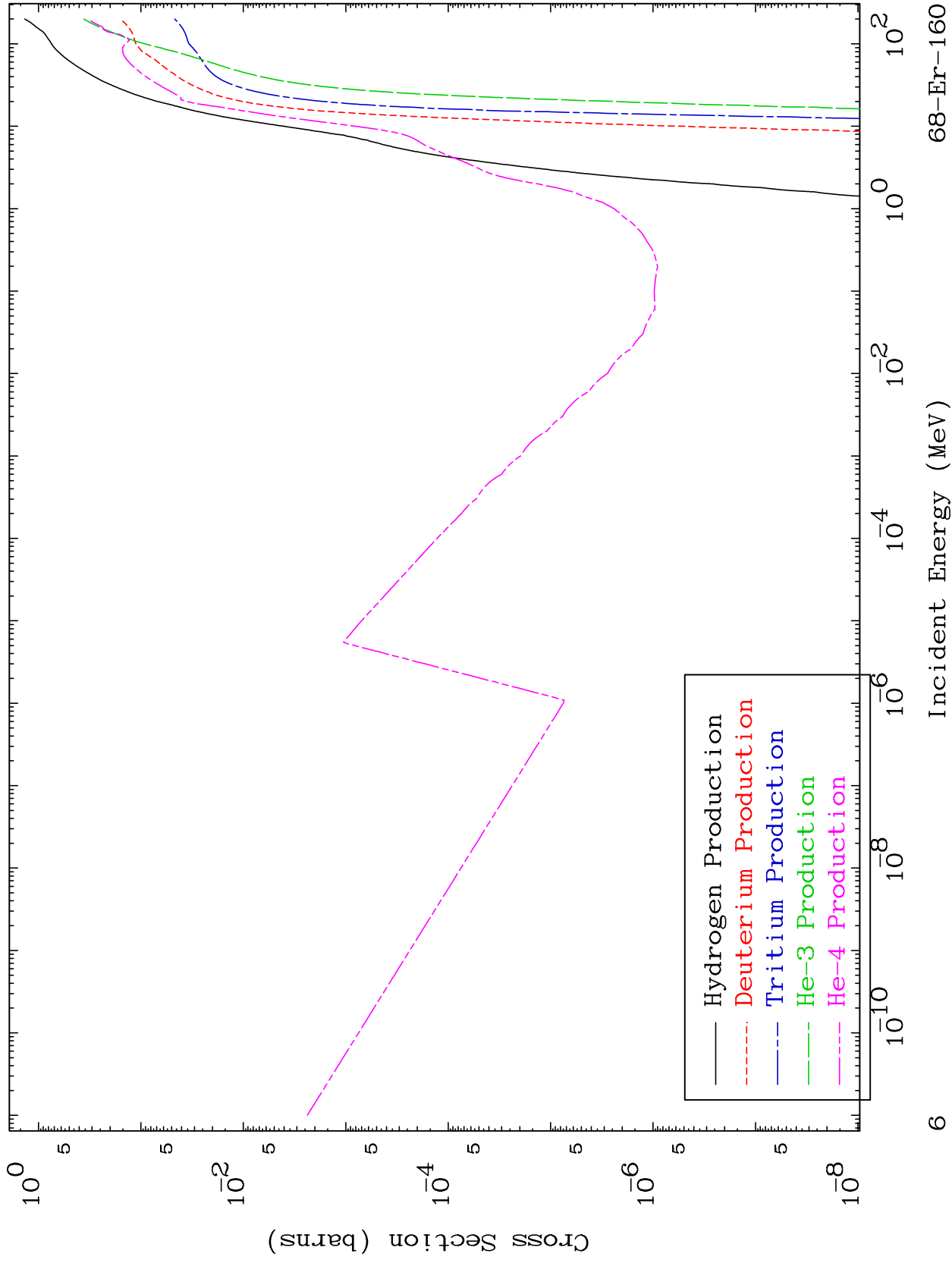
68-Er-160



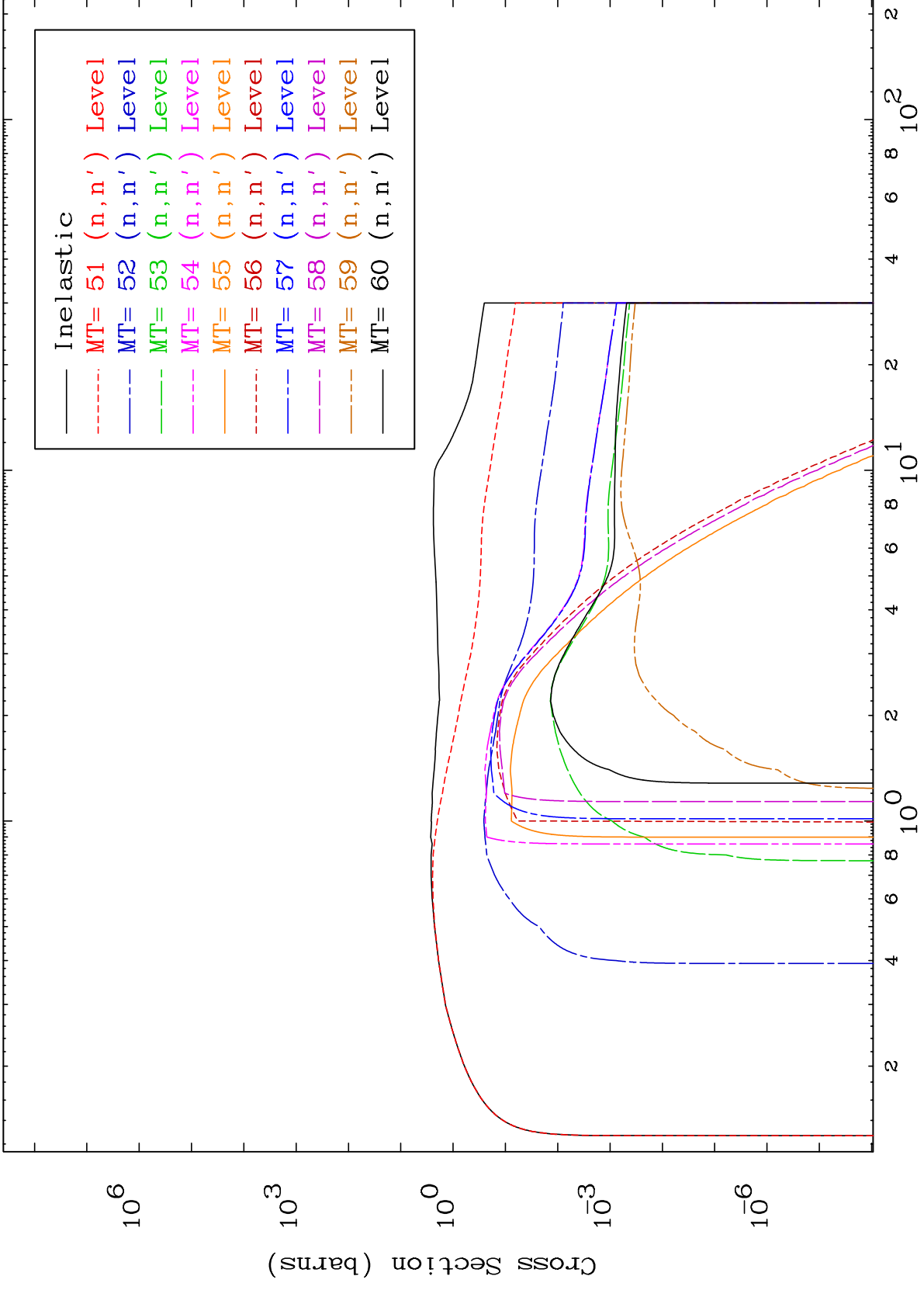
MAT 6819

Particle Production  
293 Kelvin Cross Sections

68-Er-160



293 Kelvin Cross Sections



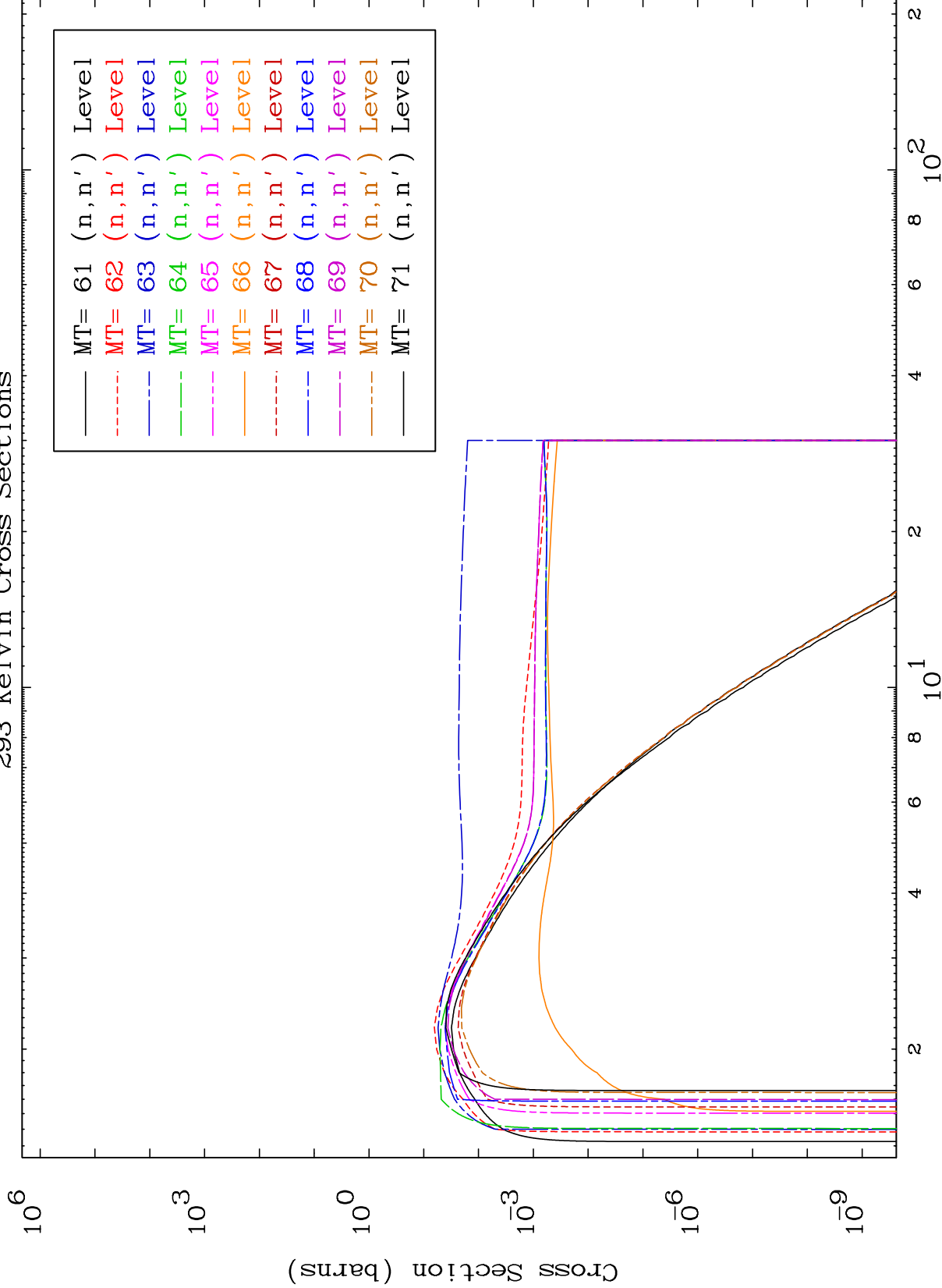


MAT 6819

(n,n') Level

68-Er-160

293 Kelvin Cross Sections

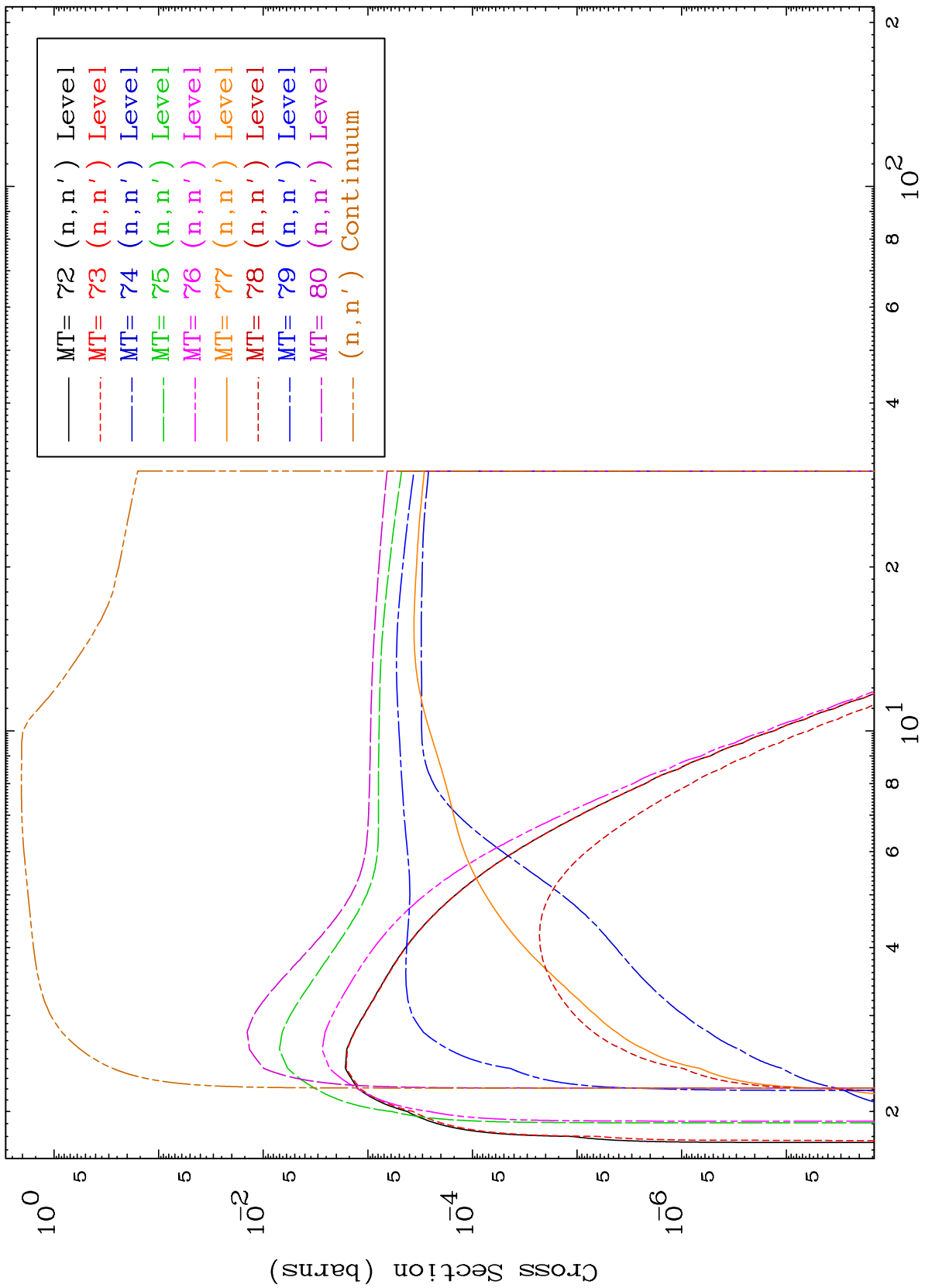


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Incident Energy (MeV)

68-Er-160

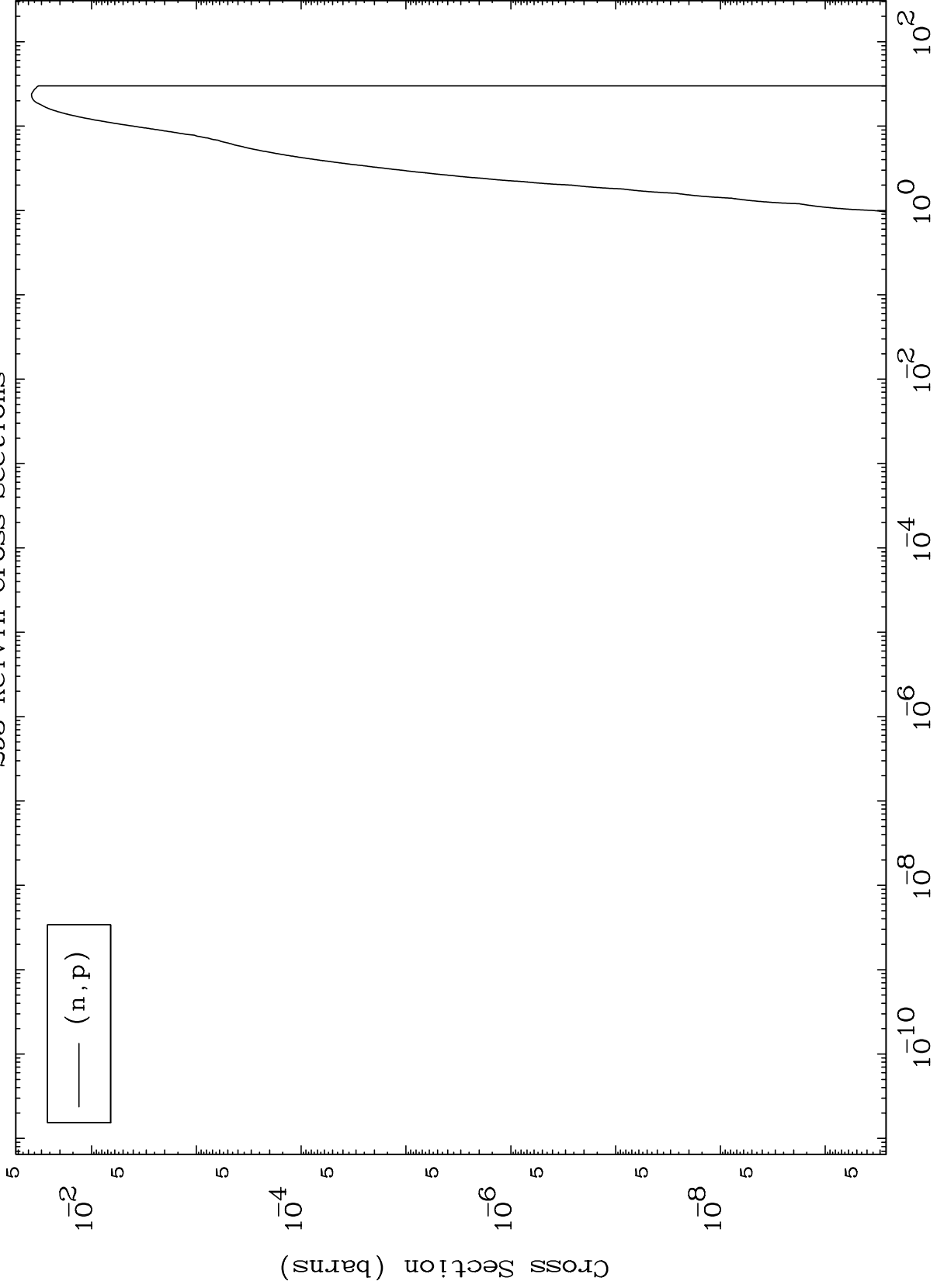
293 Kelvin Cross Sections



MAT 6819

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-160



10

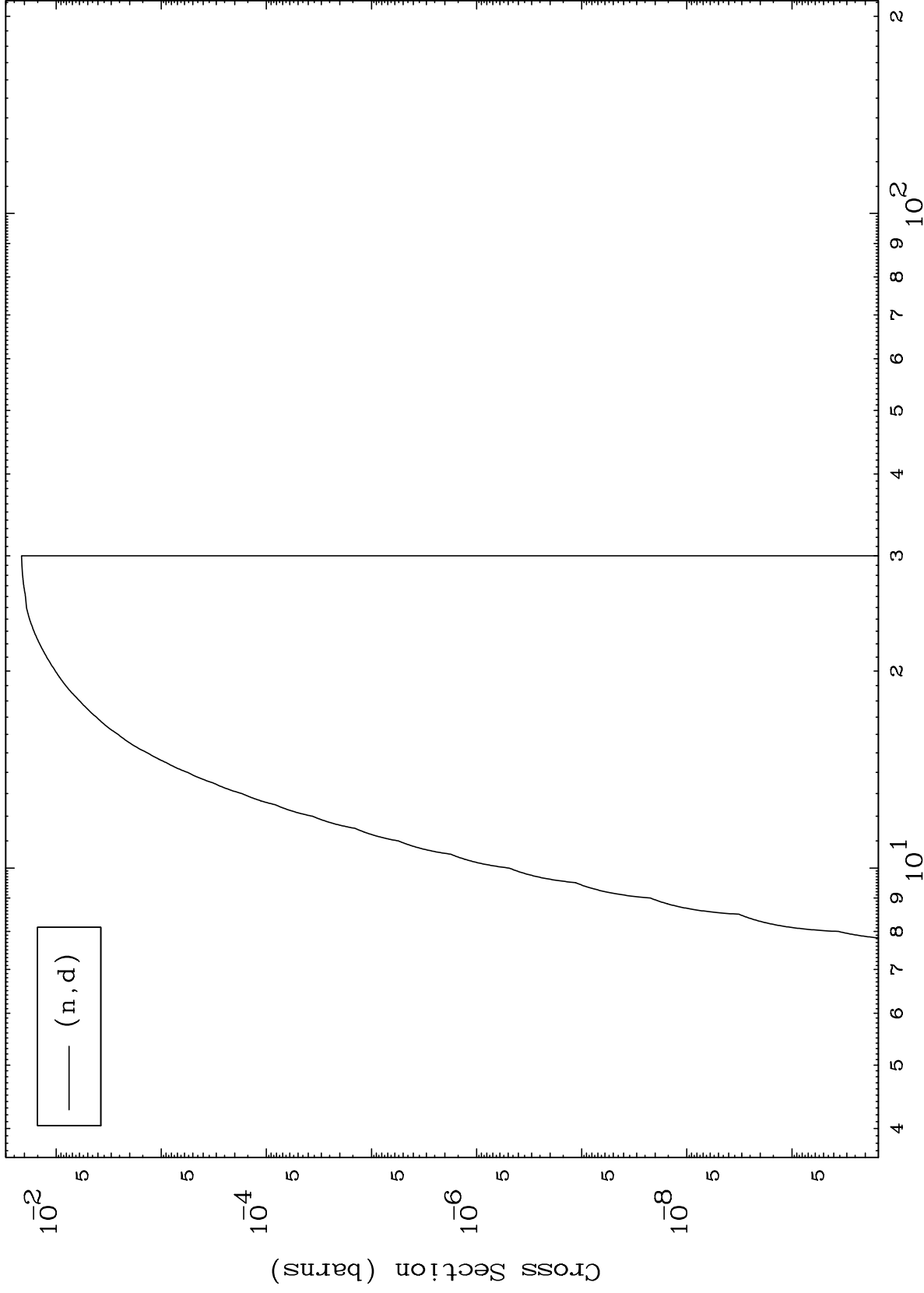
Incident Energy (MeV)

68-Er-160

MAT 6819

(n,d) Levels  
293 Kelvin Cross Sections

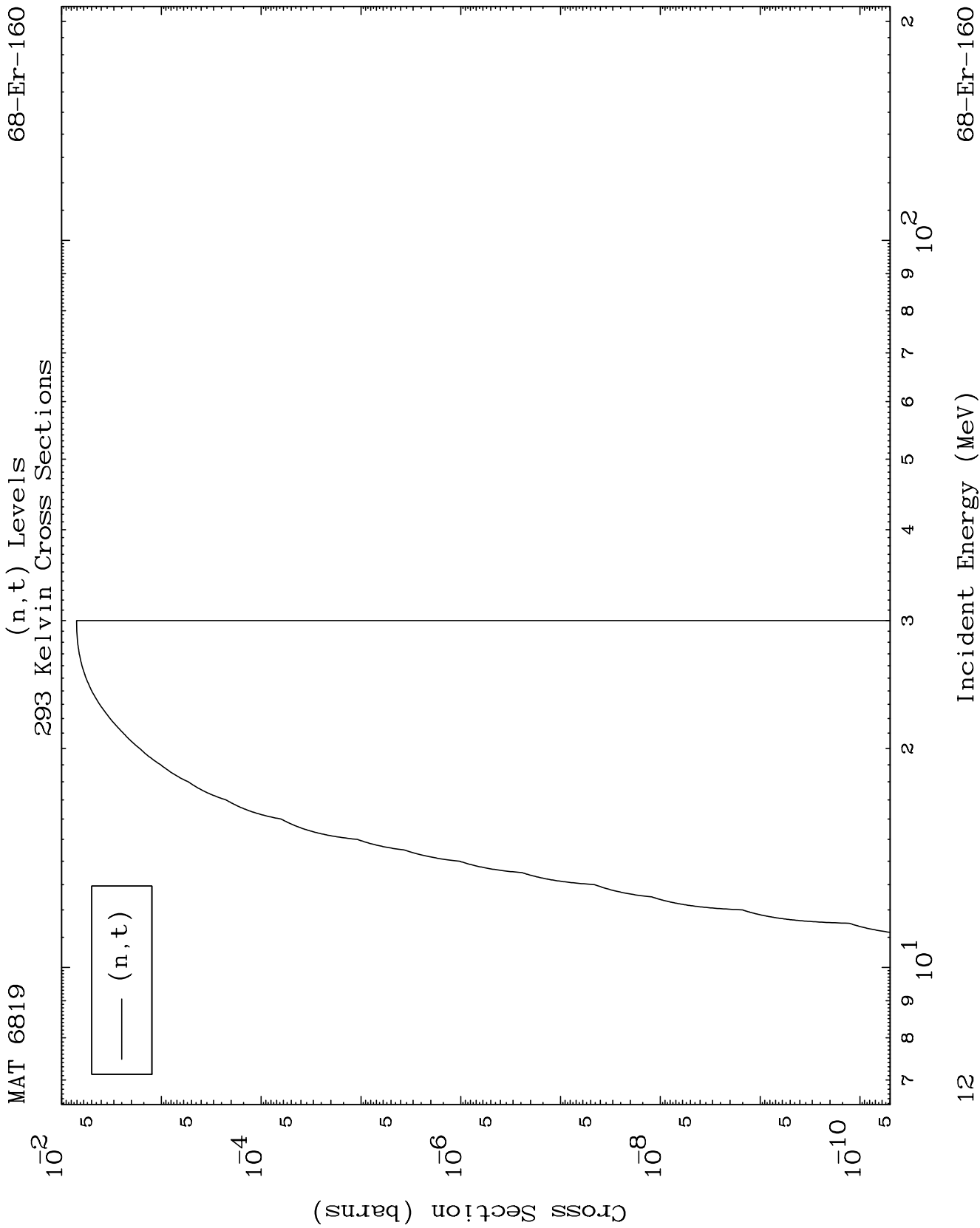
68-Er-160



11

Incident Energy (MeV)

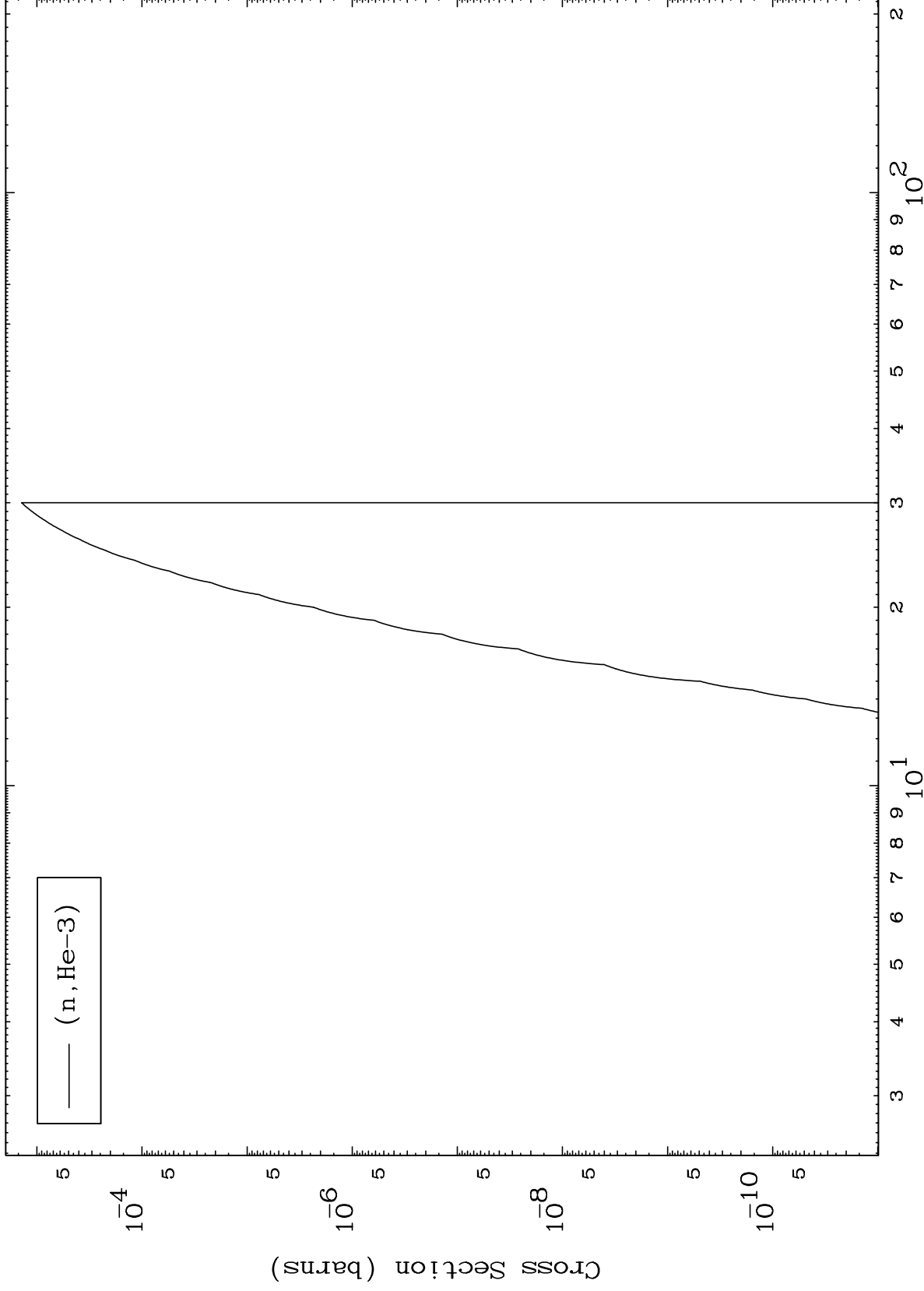
68-Er-160



MAT 6819

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-160



13

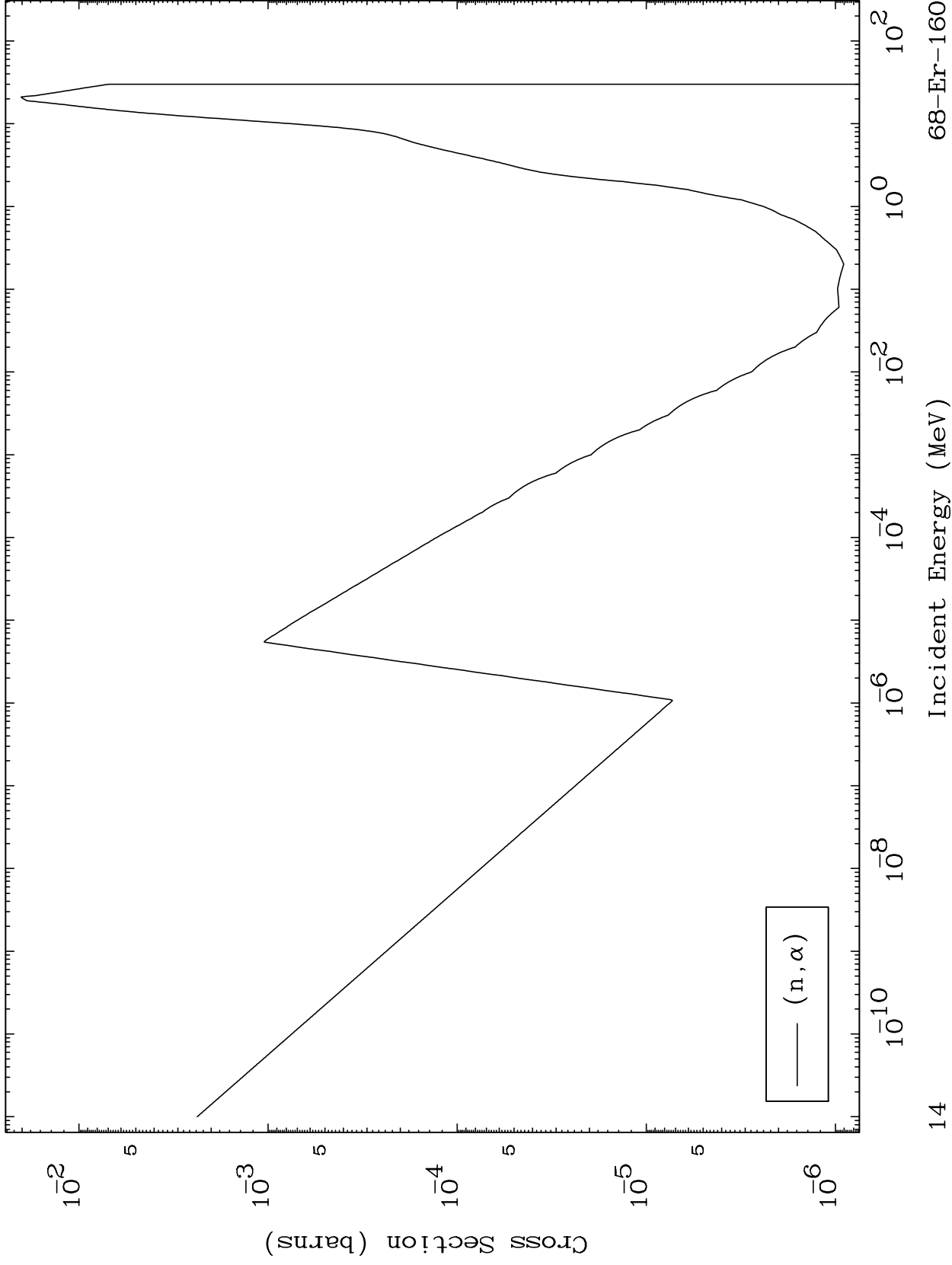
Incident Energy (MeV)

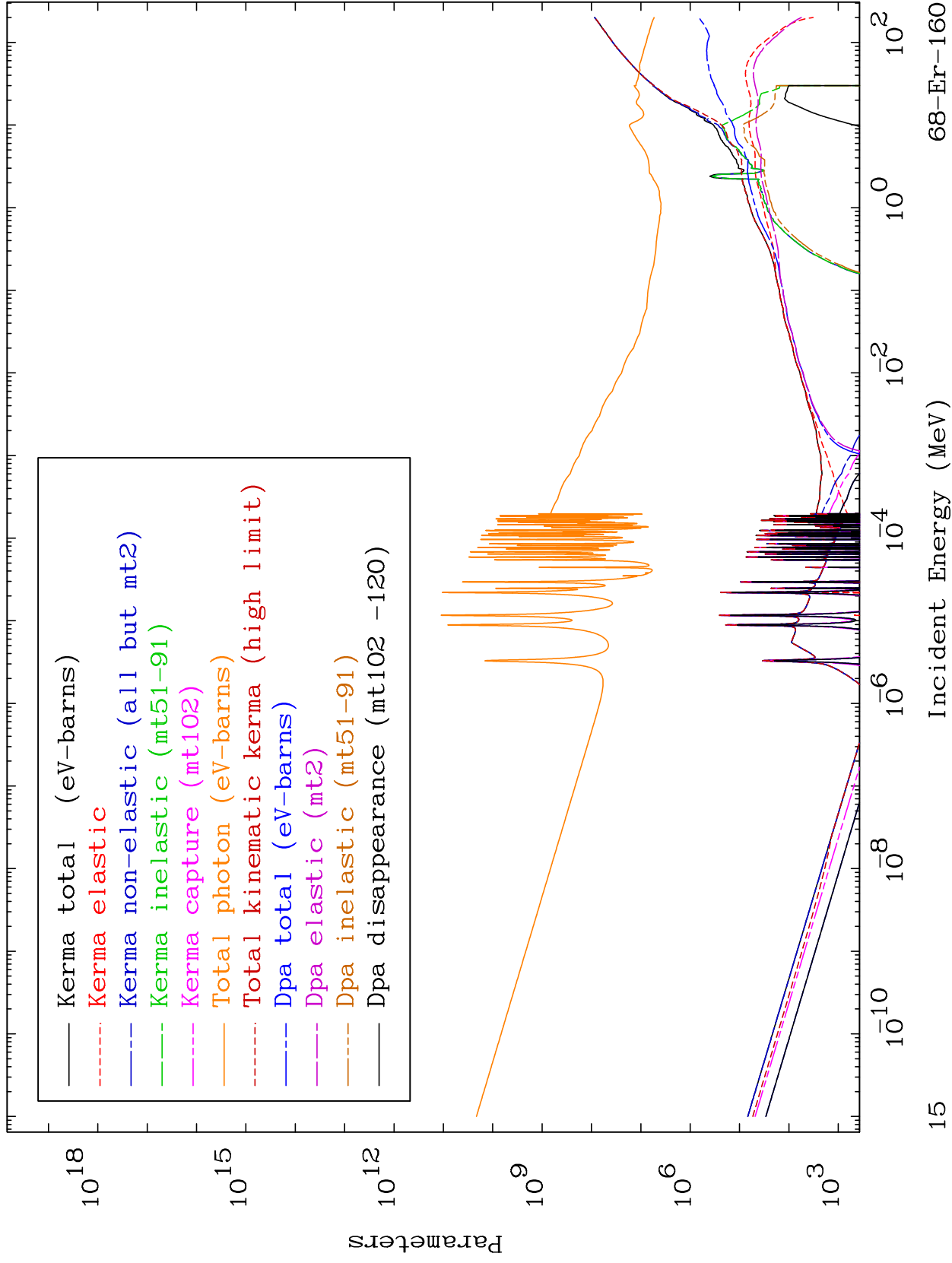
68-Er-160

MAT 6819

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

68-Er-160



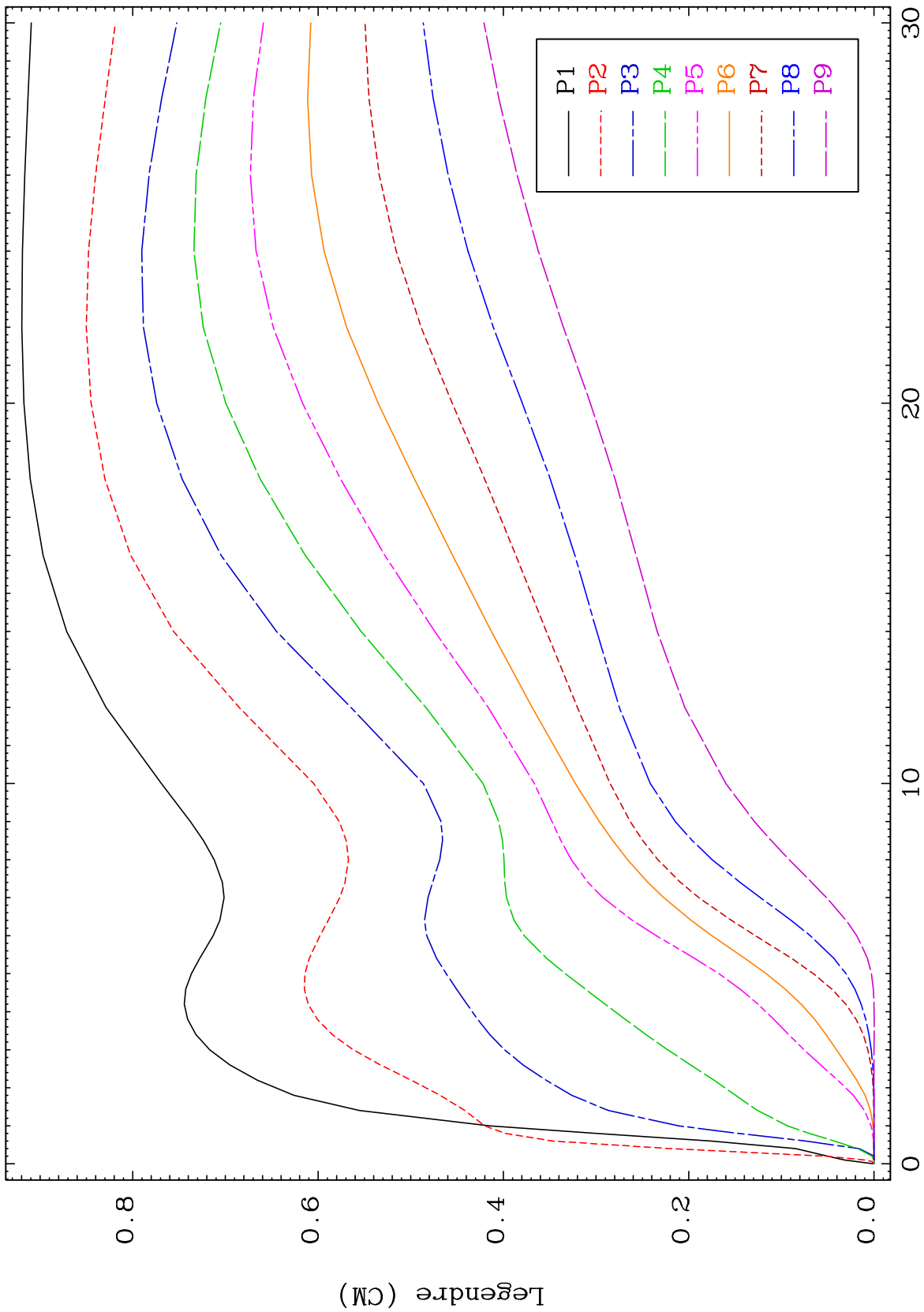




MAT 6819

68-Er-160

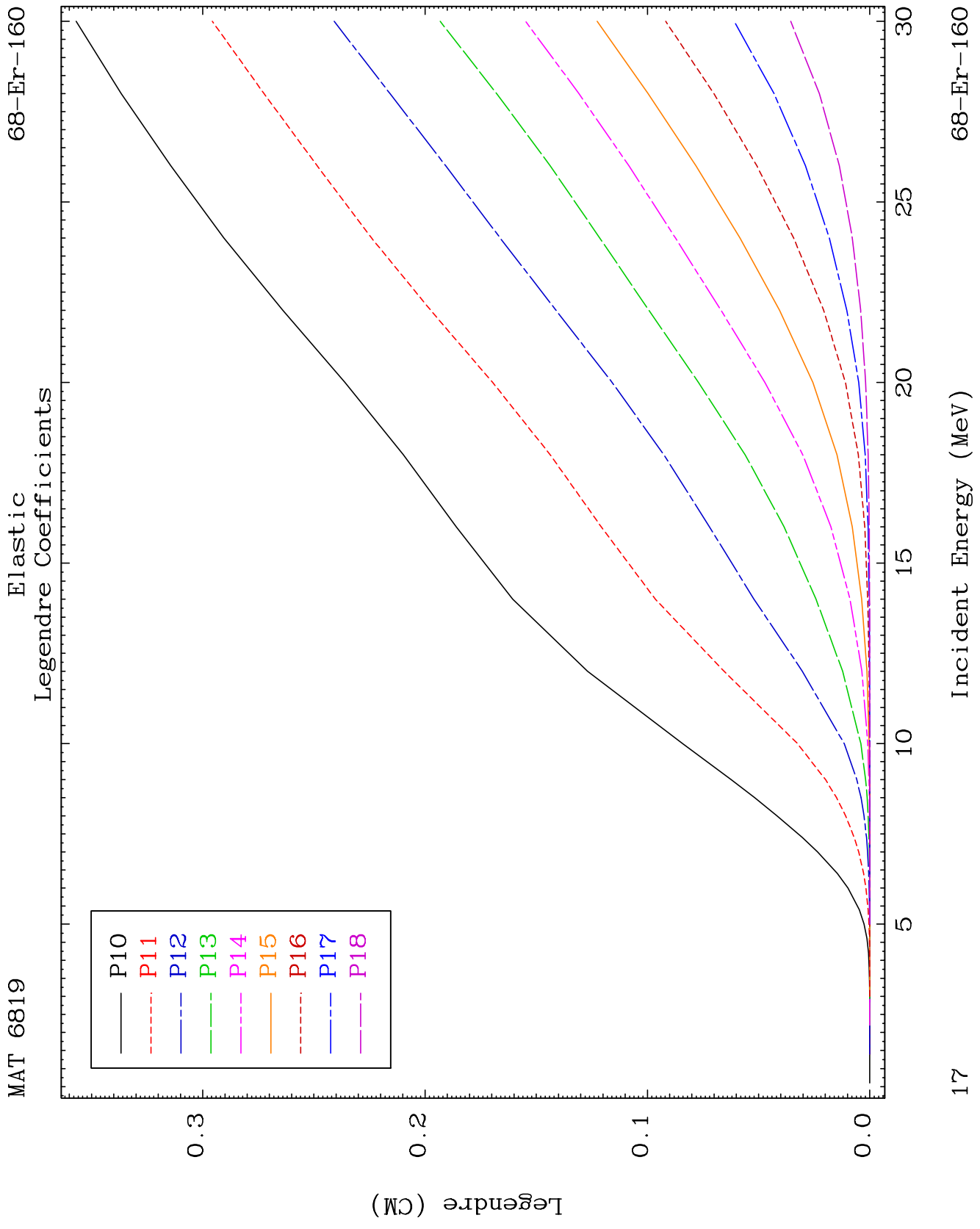
Elastic Legendre Coefficients



16

Incident Energy (MeV)

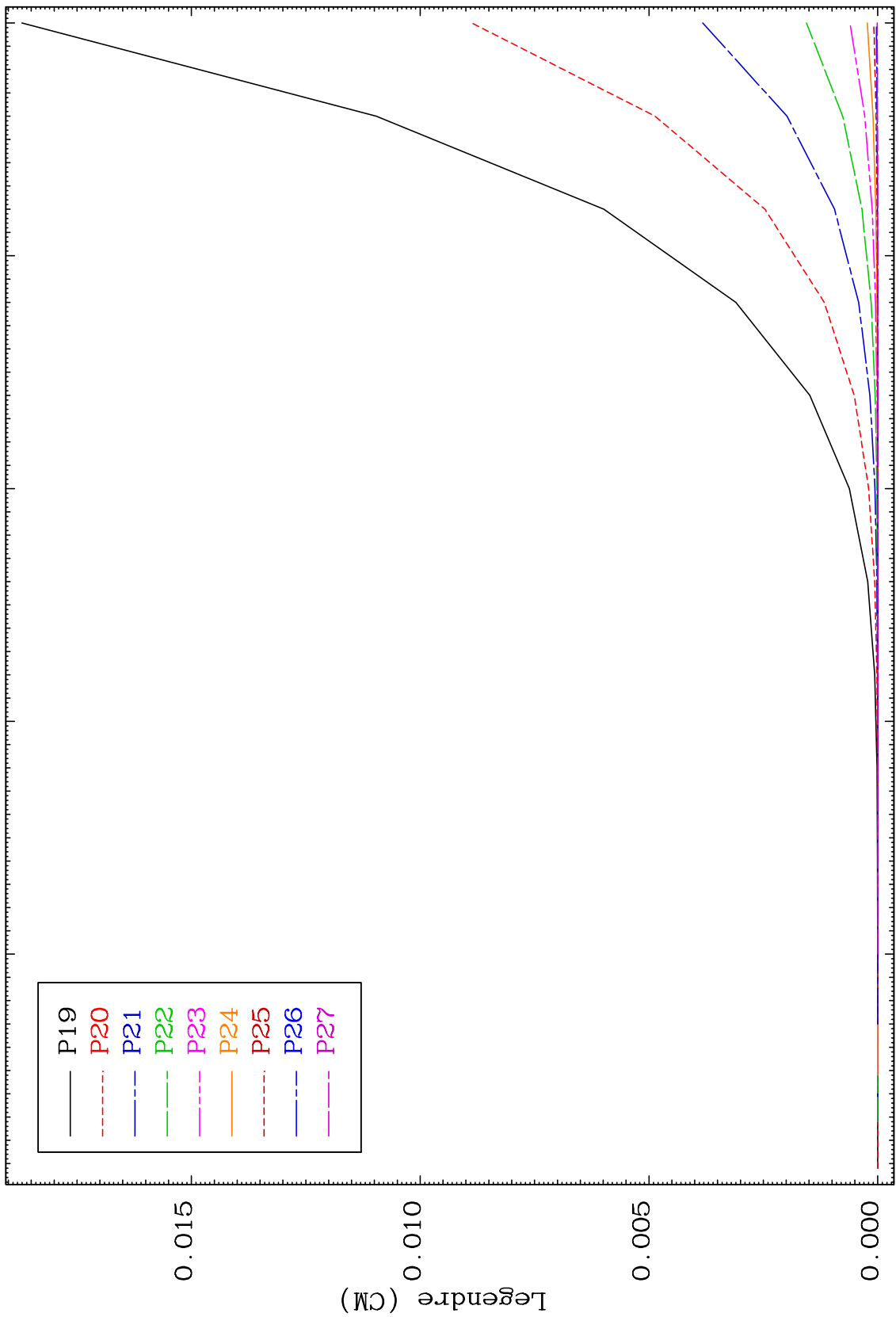
68-Er-160



MAT 6819

Elastic Legendre Coefficients

68-Er-160



18

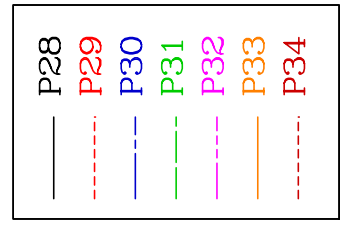
Incident Energy (MeV)

68-Er-160

MAT 6819

Elastic  
Legendre Coefficients

68-Er-160



$\times 10^{-6}$

Legendre (CM)

10

15

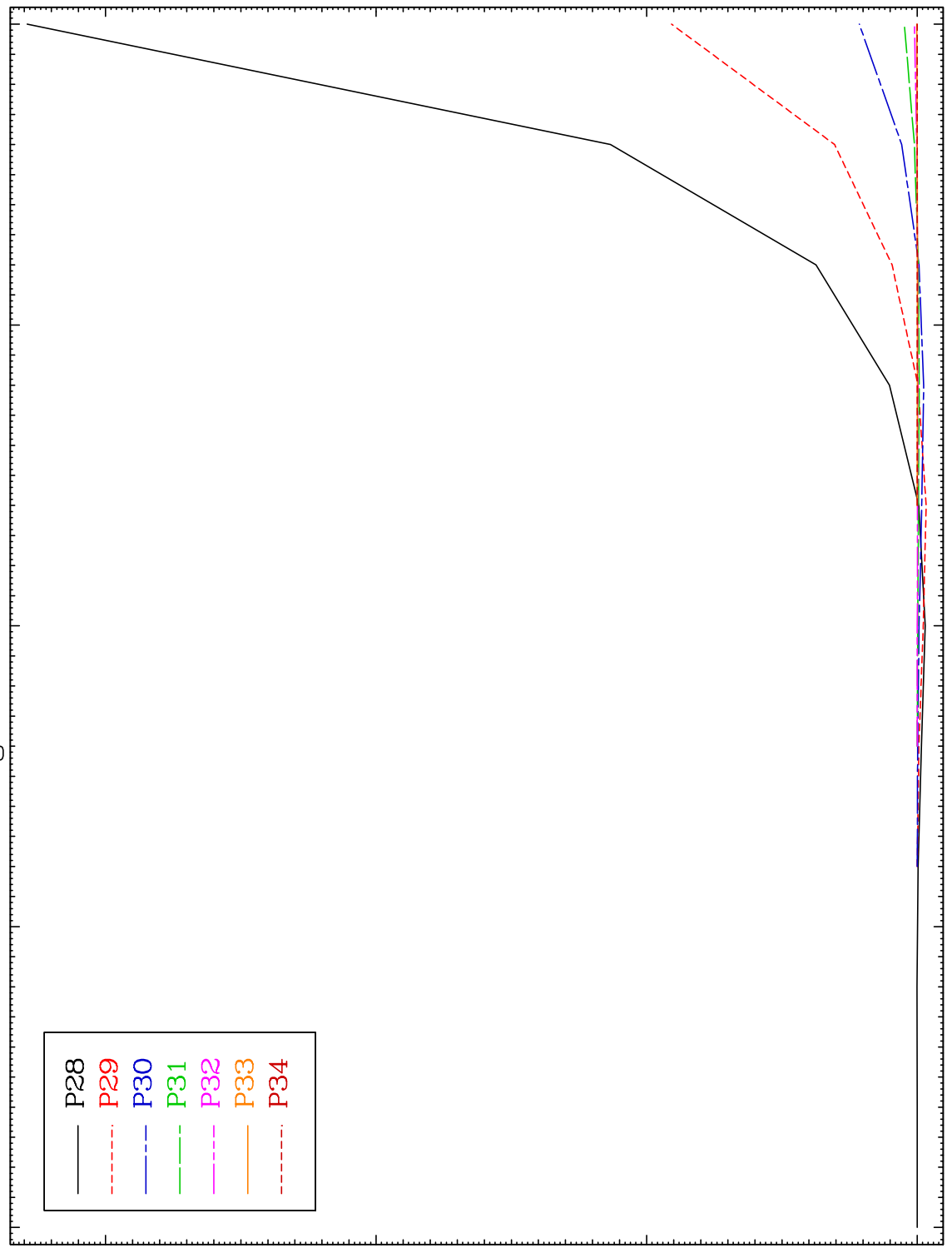
20

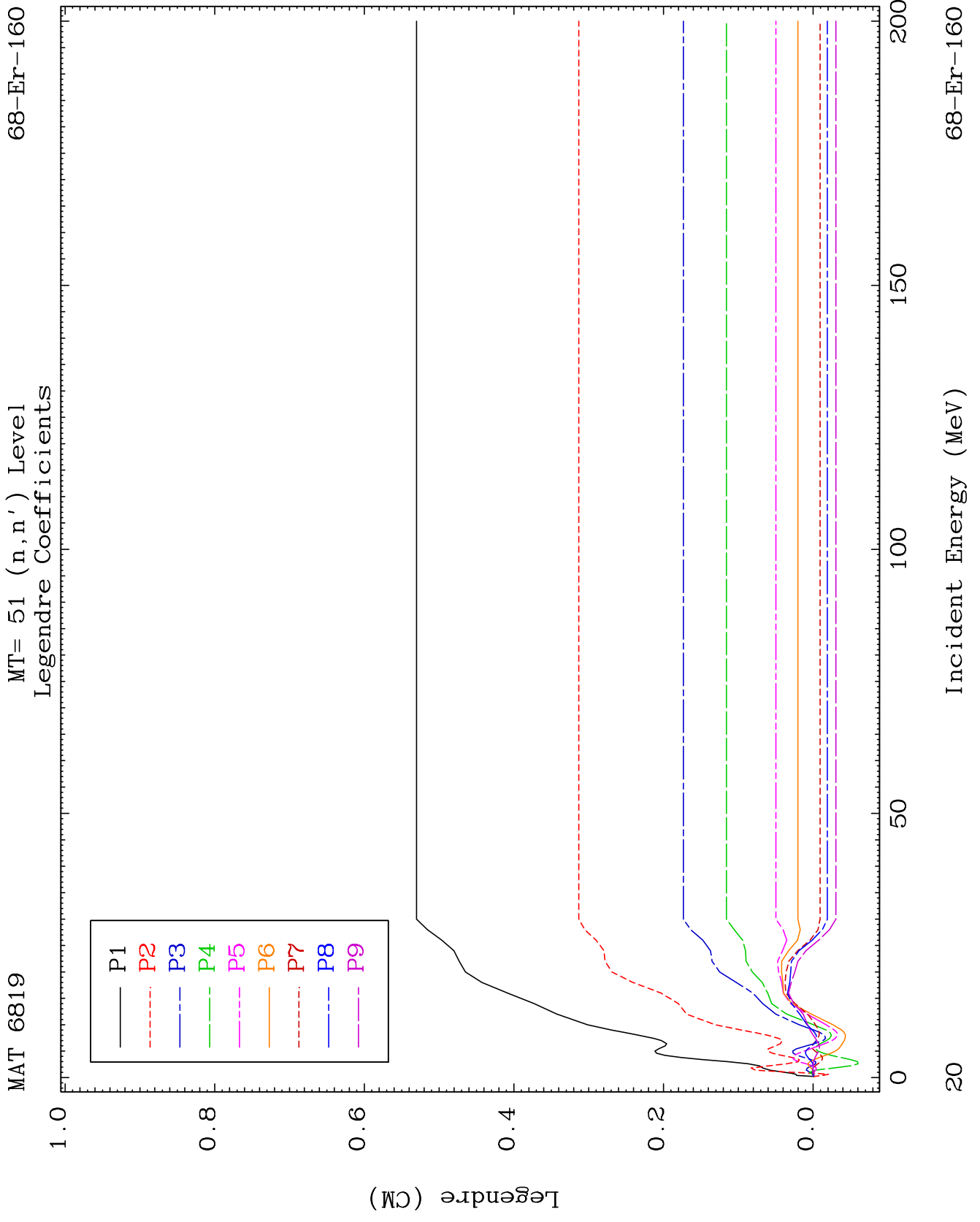
25

30

Incident Energy (MeV)

68-Er-160

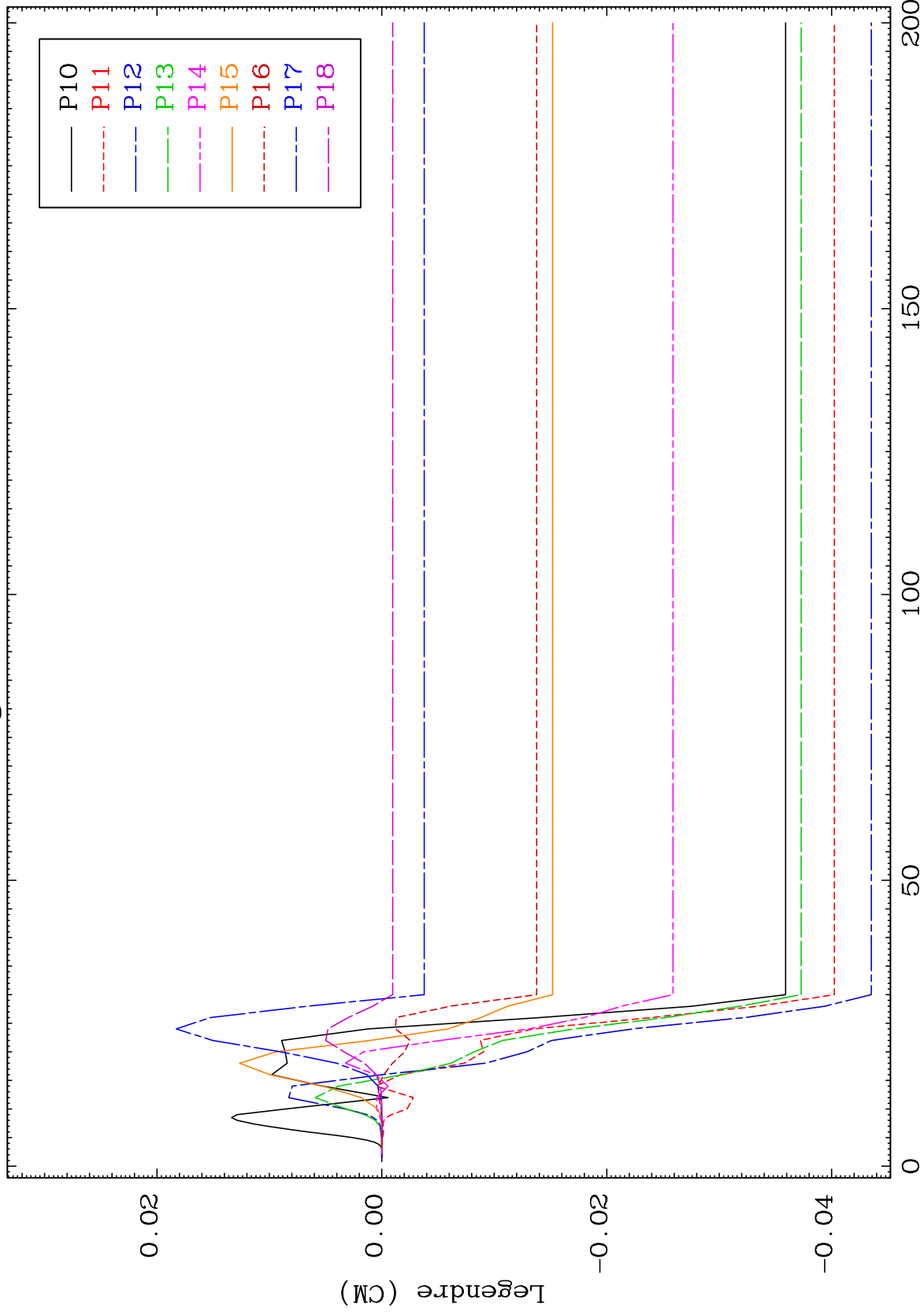




MAT 6819

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

68-Er-160



21

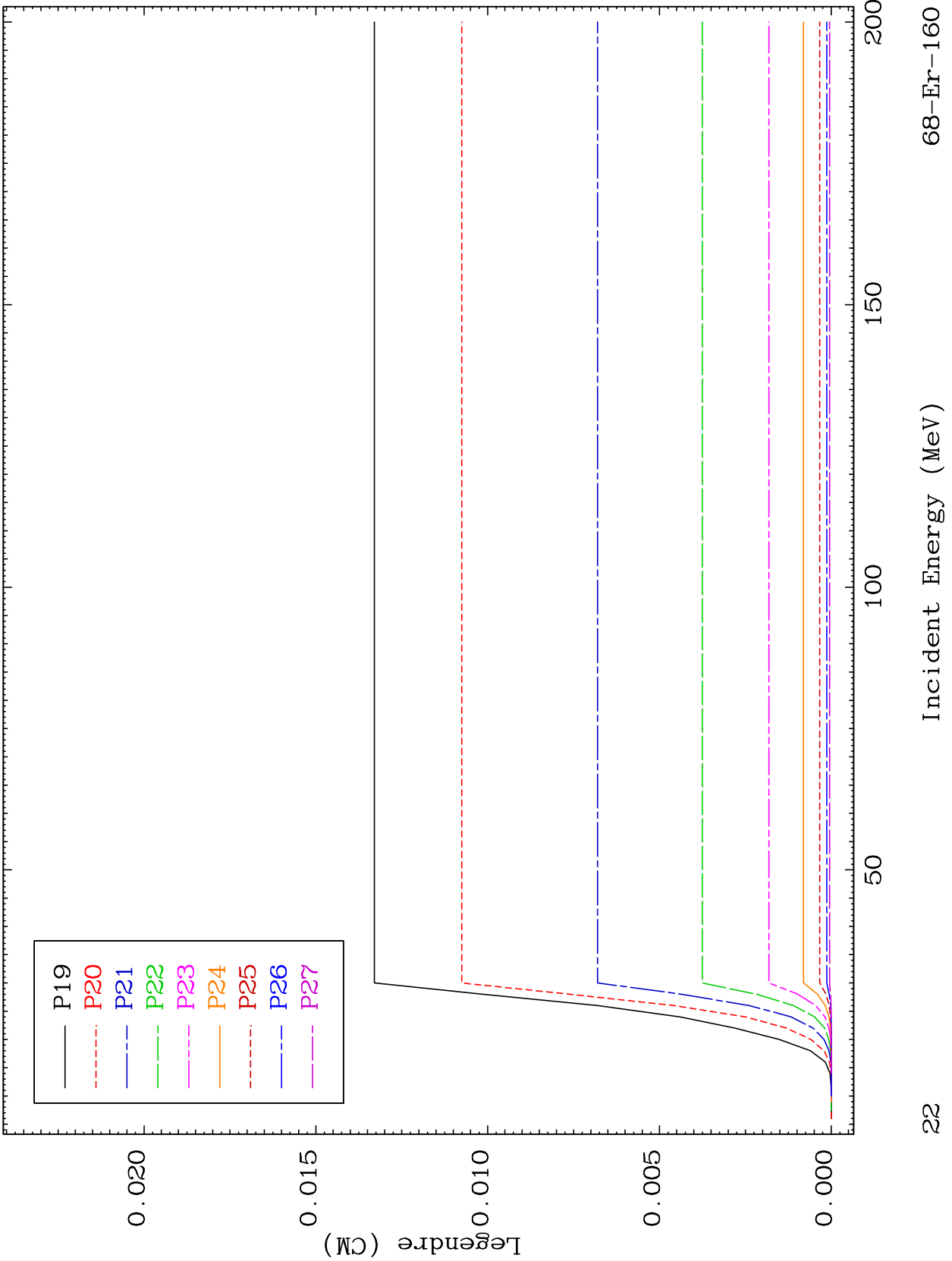
Incident Energy (MeV)

68-Er-160

MAT 6819

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

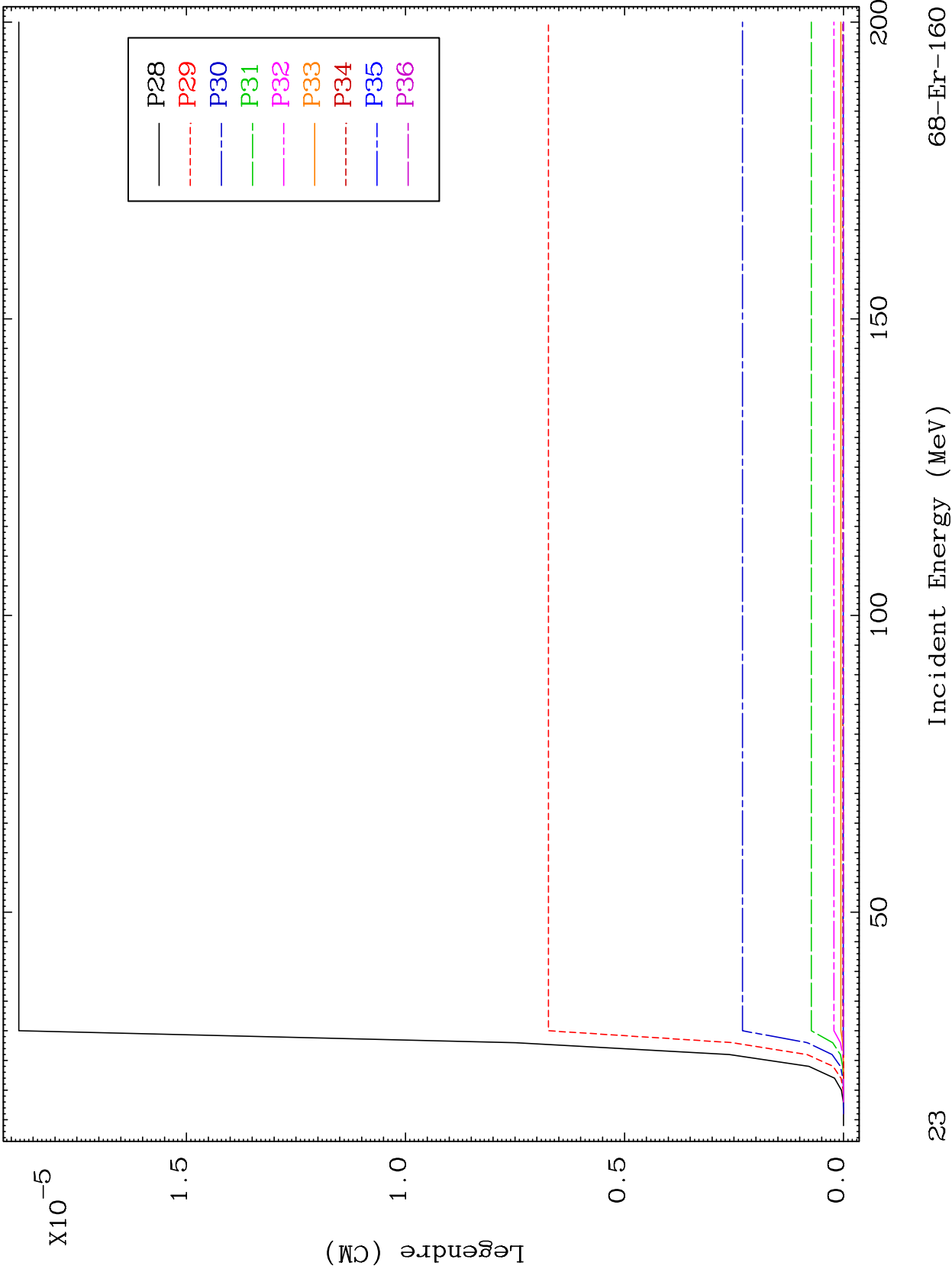
68-Er-160



MAT 6819

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

68-Er-160



23

Incident Energy (MeV)

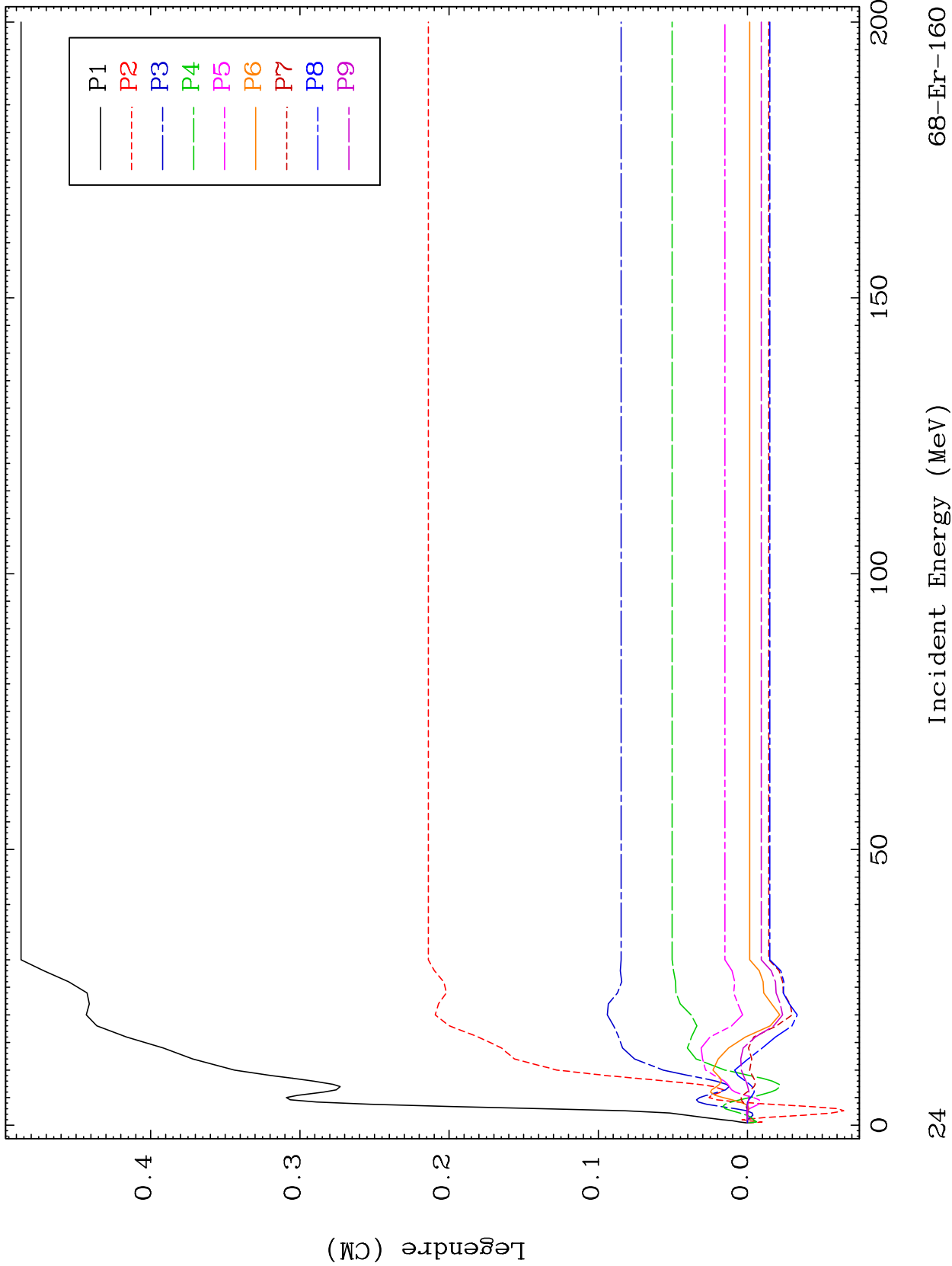
68-Er-160



MAT 6819

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

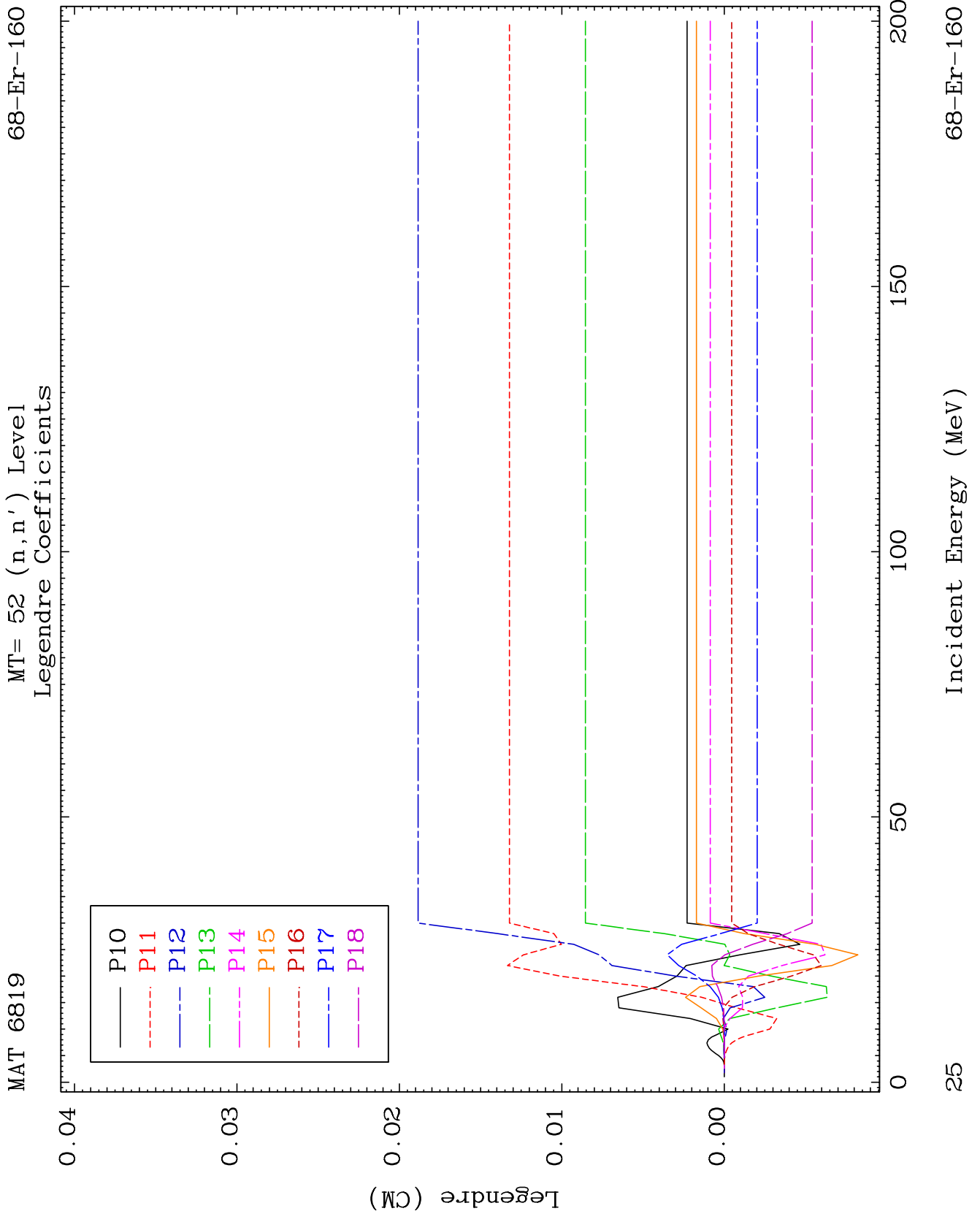
68-Er-160

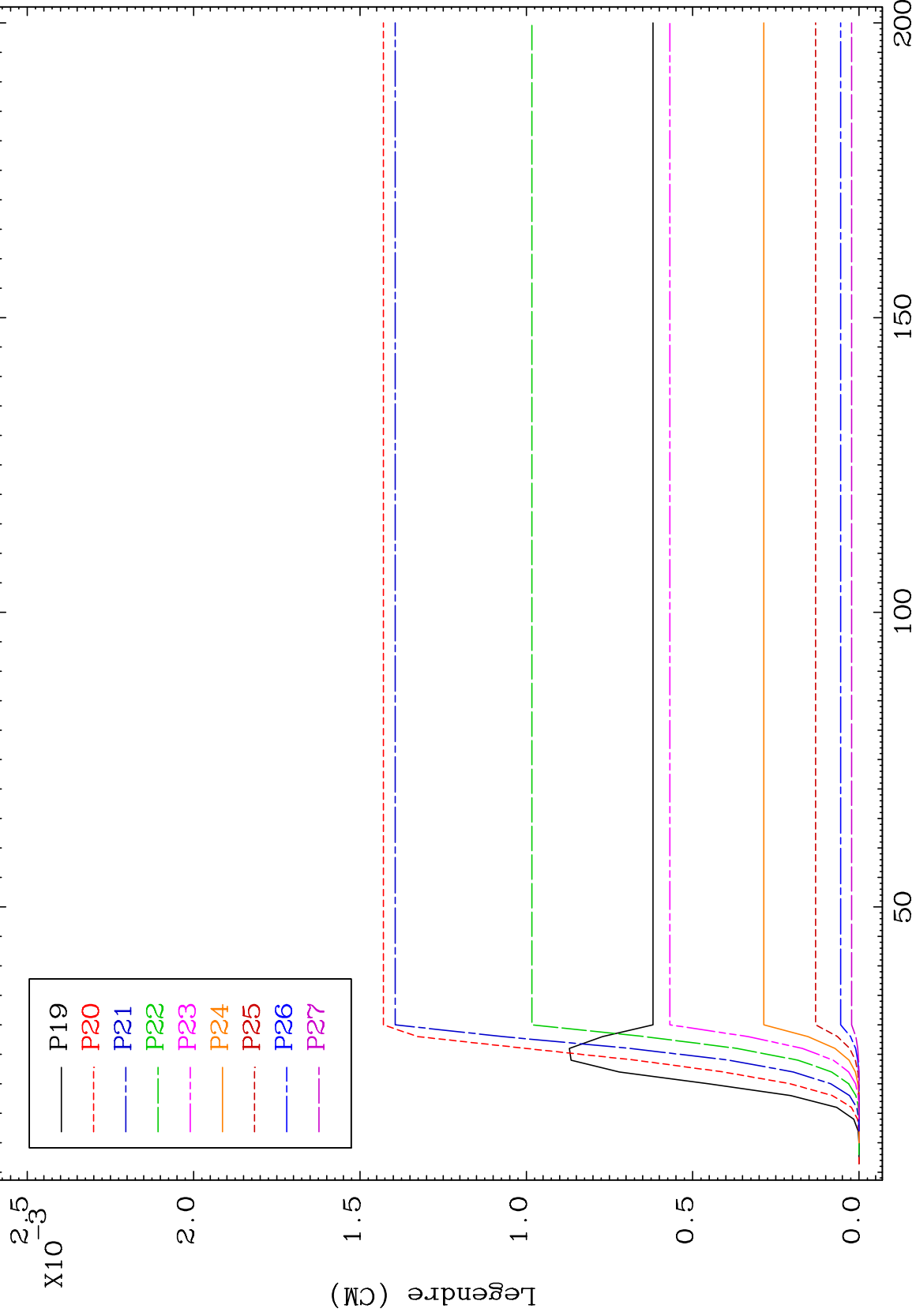


68-Er-160

Incident Energy (MeV)

24

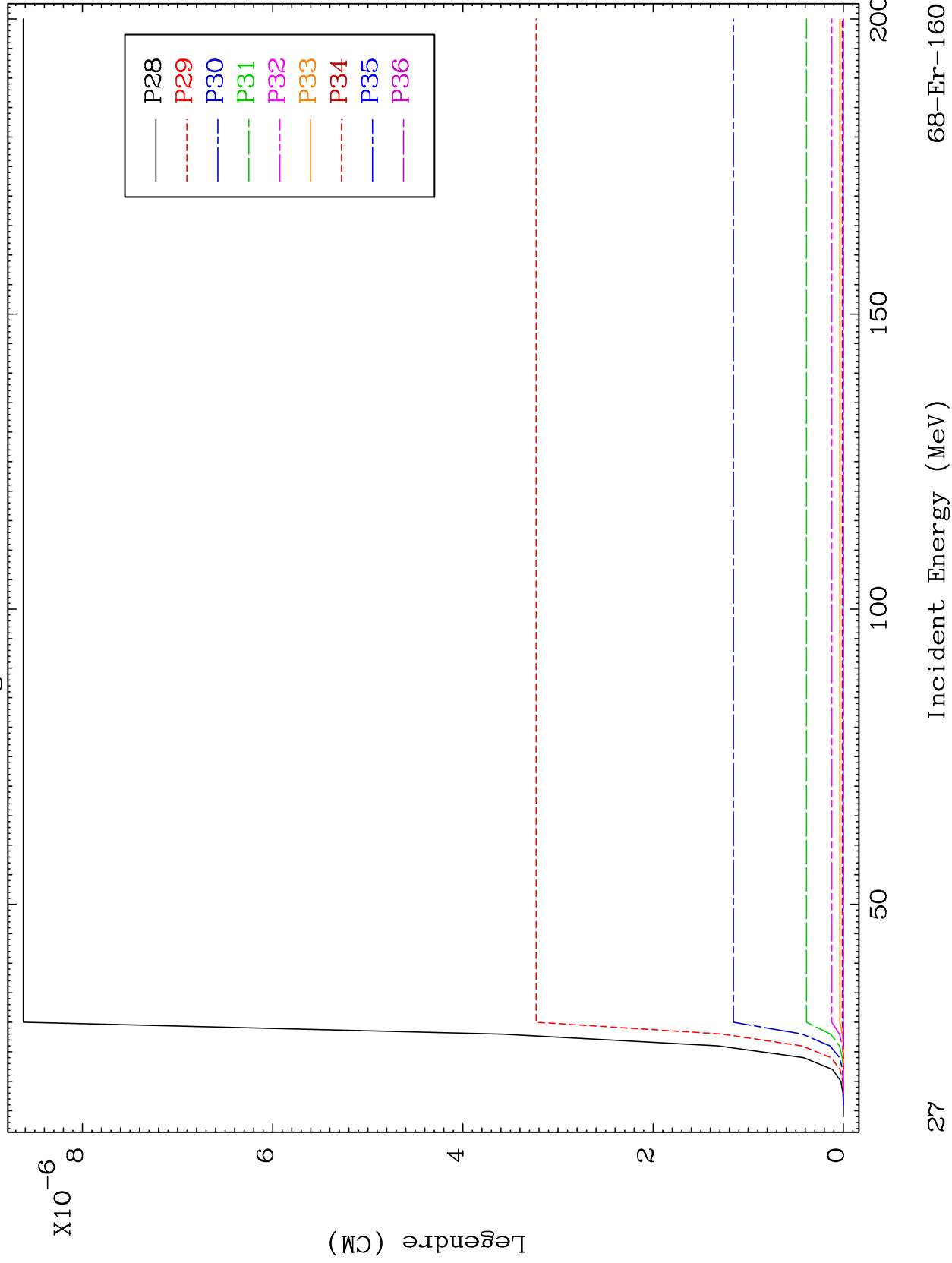




MAT 6819

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

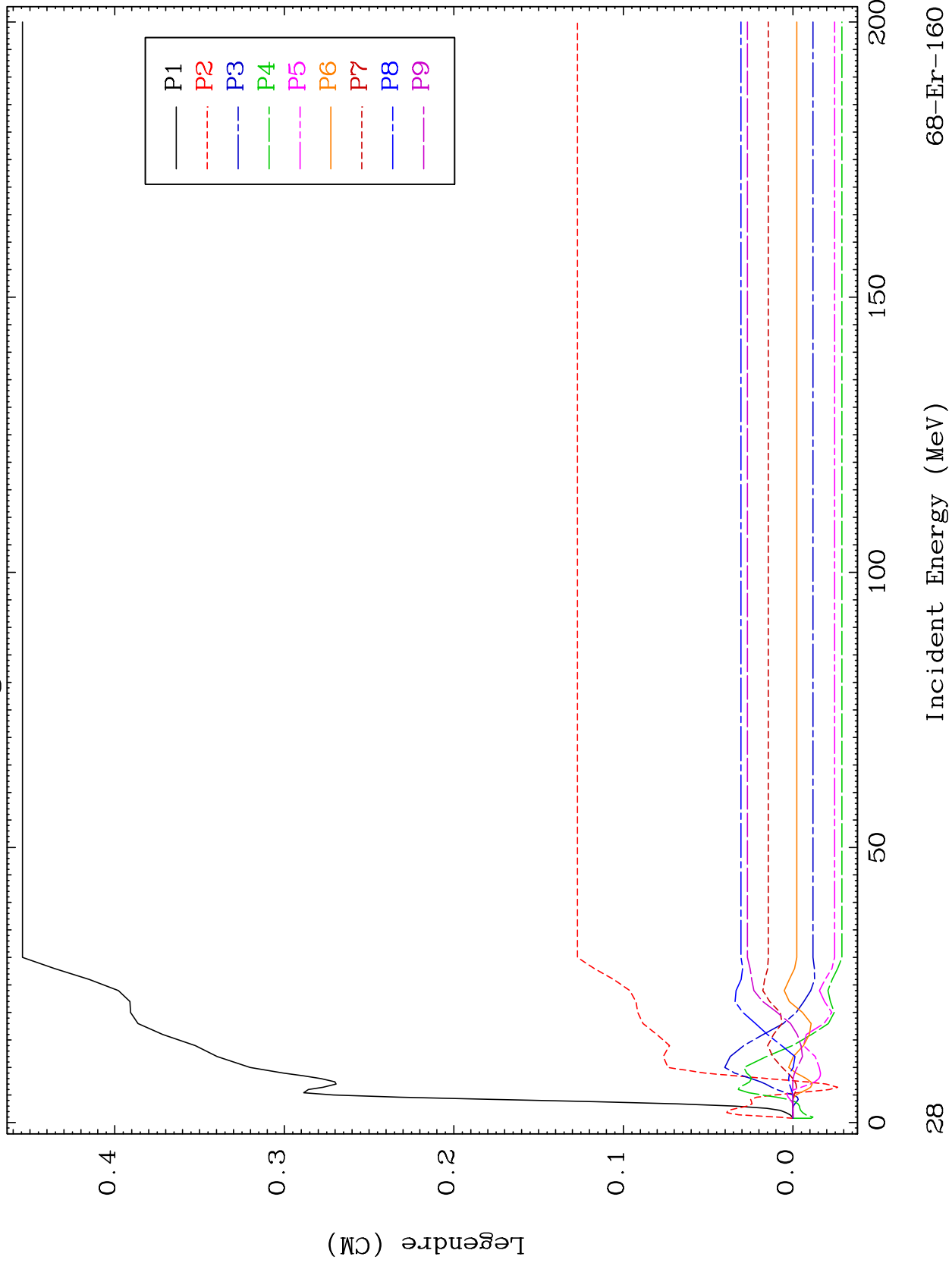
68-Er-160



MAT 6819

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

68-Er-160



68-Er-160

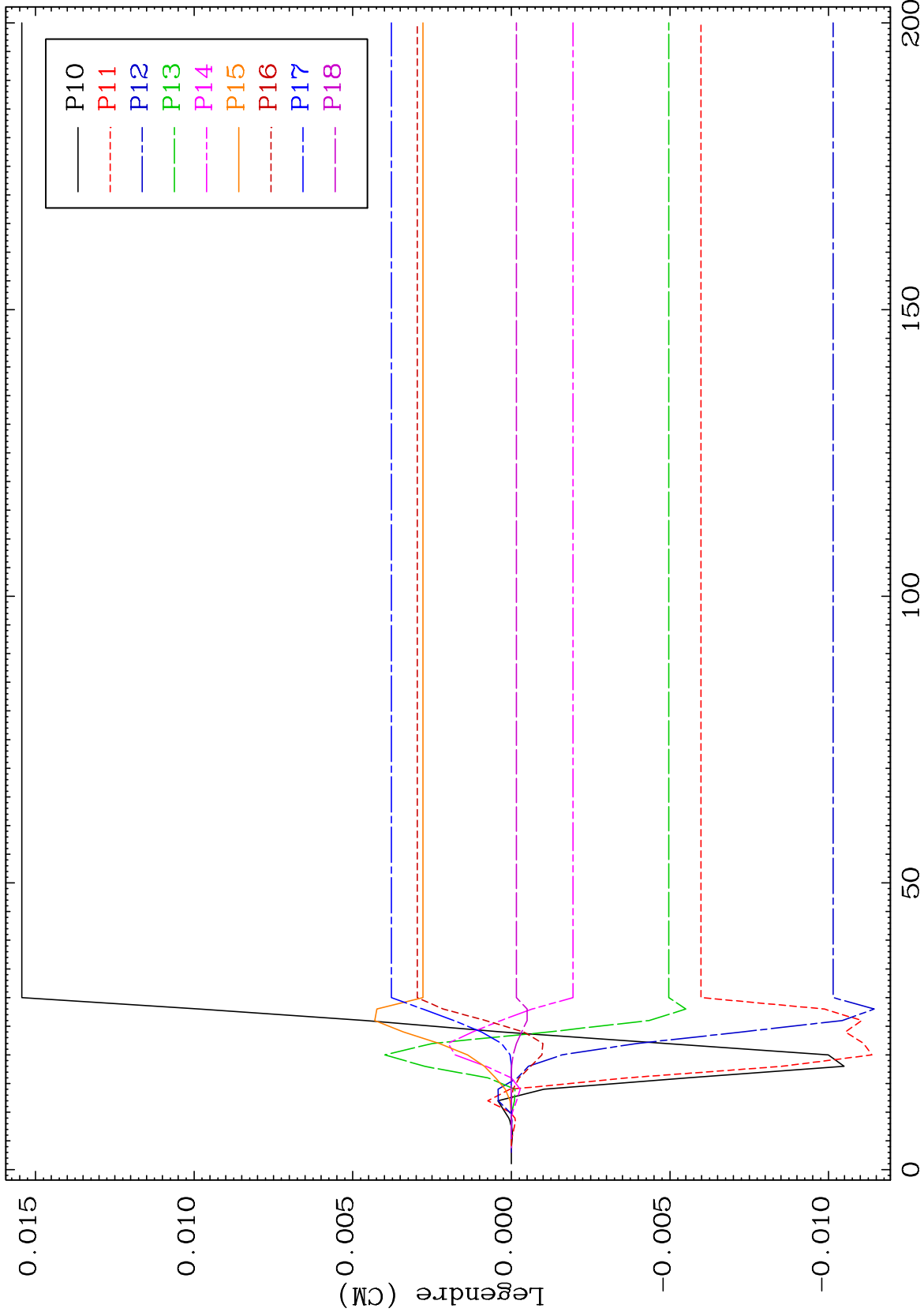
Incident Energy (MeV)

28

MAT 6819

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

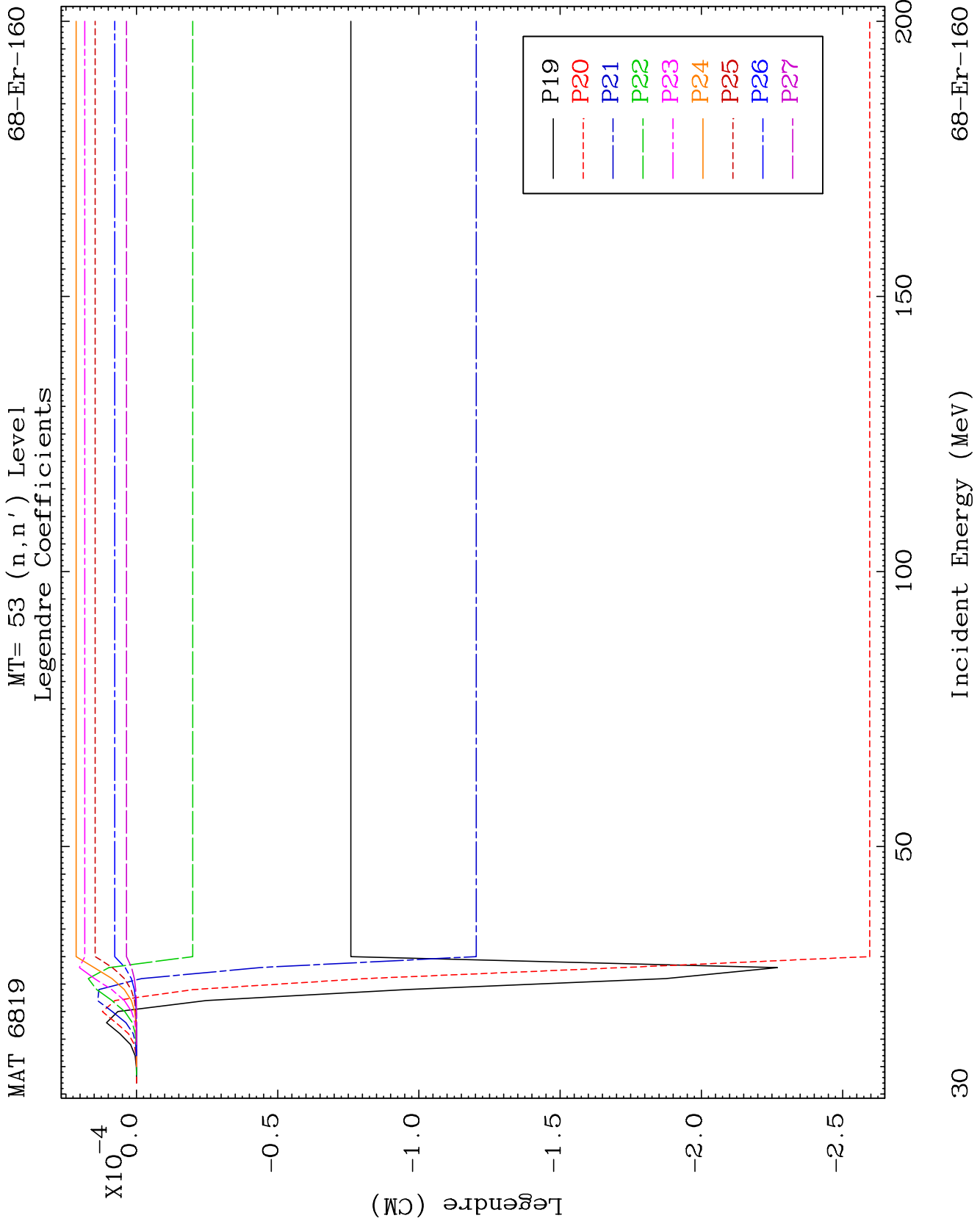
68-Er-160



29

Incident Energy (MeV)

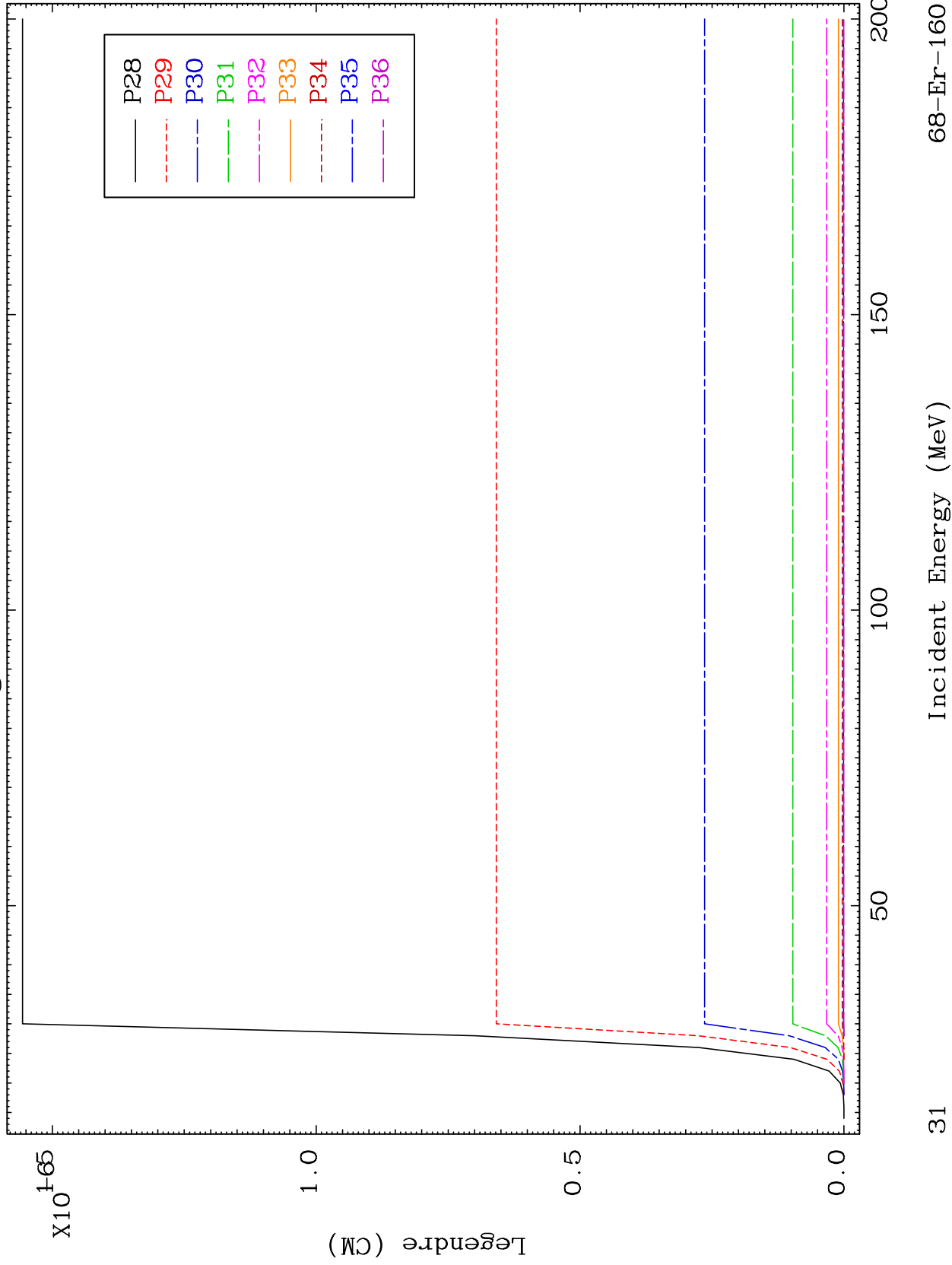
68-Er-160



MAT 6819

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

68-Er-160

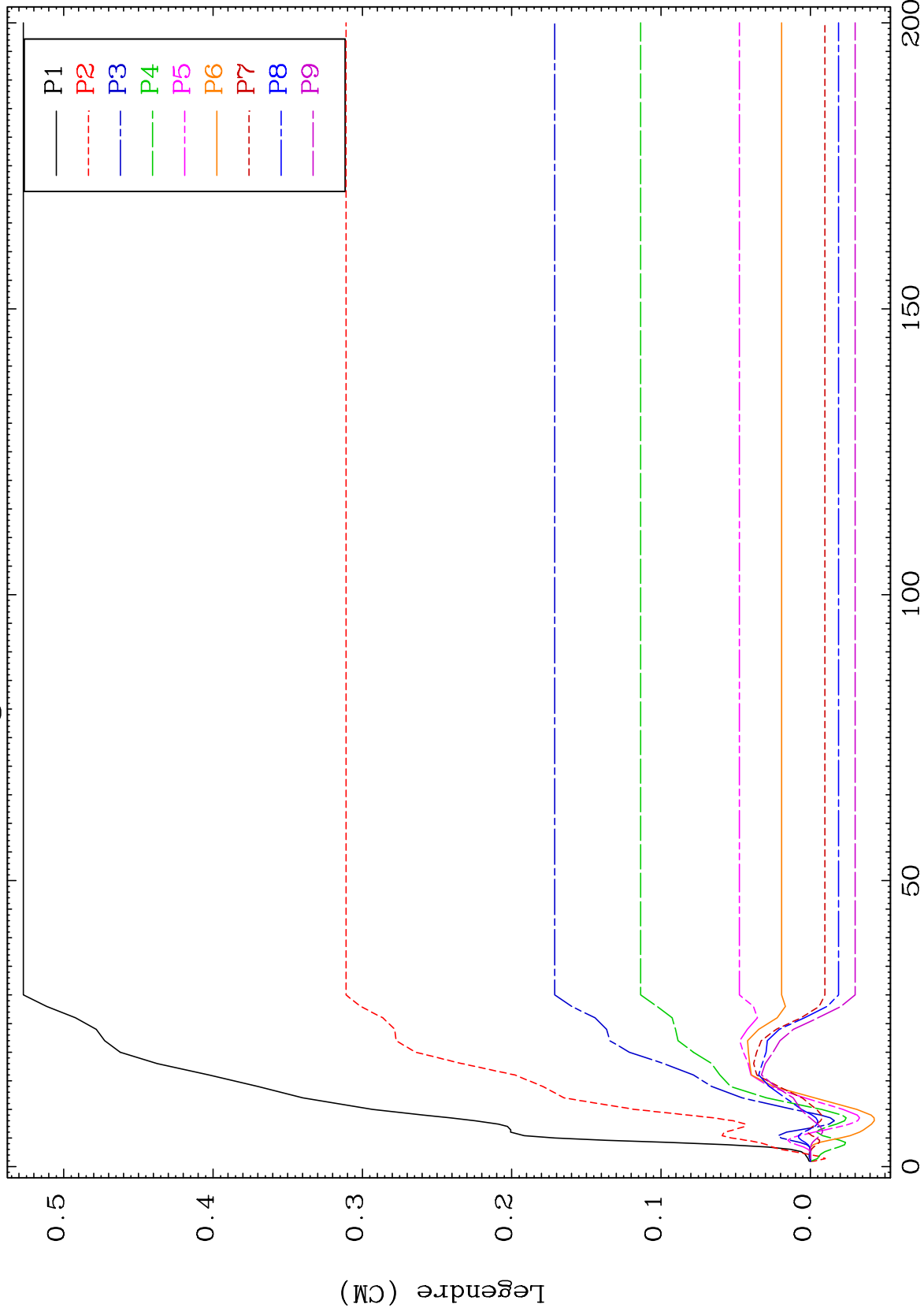




MAT 6819

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

68-Er-160



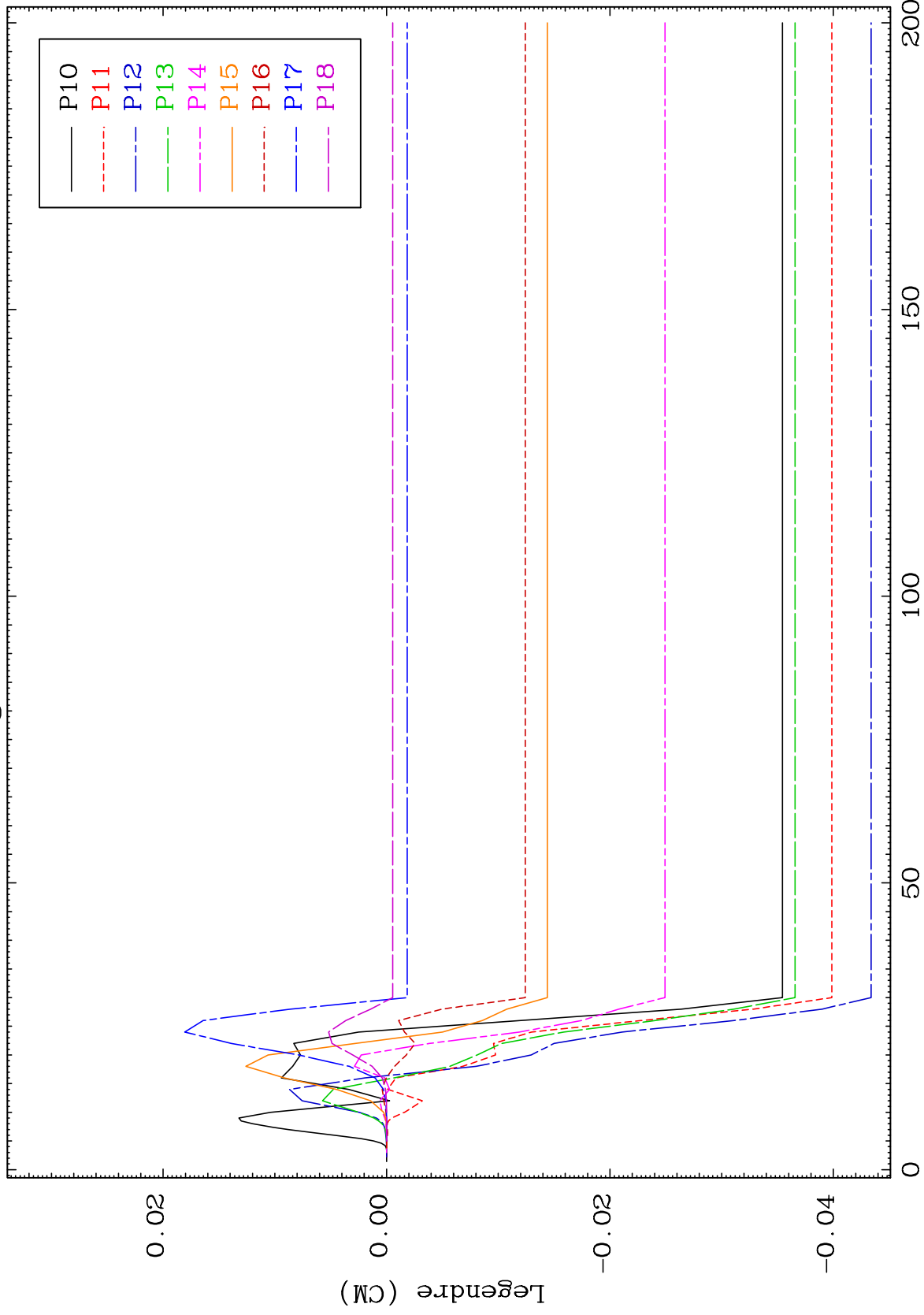
32

68-Er-160

MAT 6819

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

68-Er-160



33

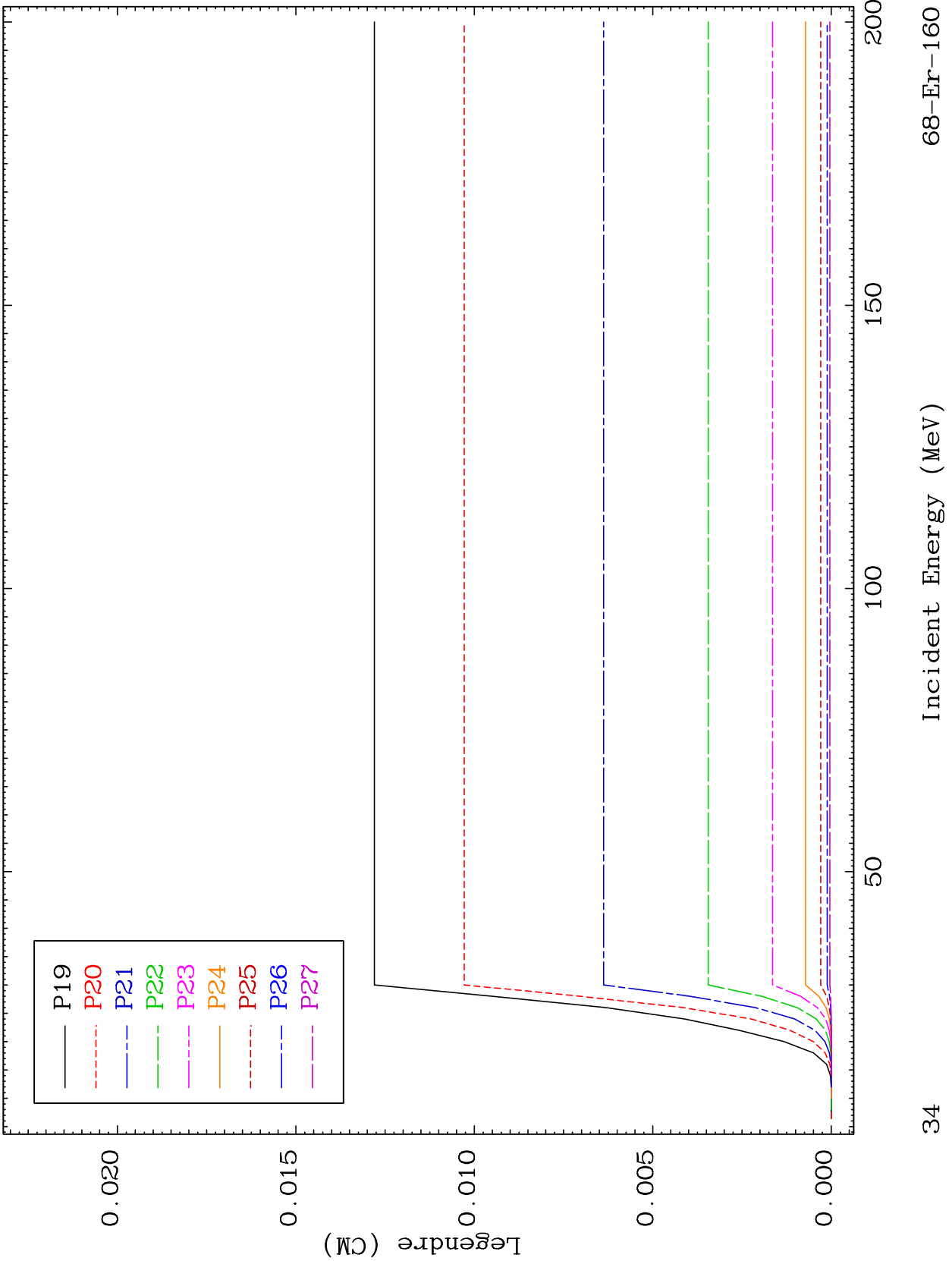
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



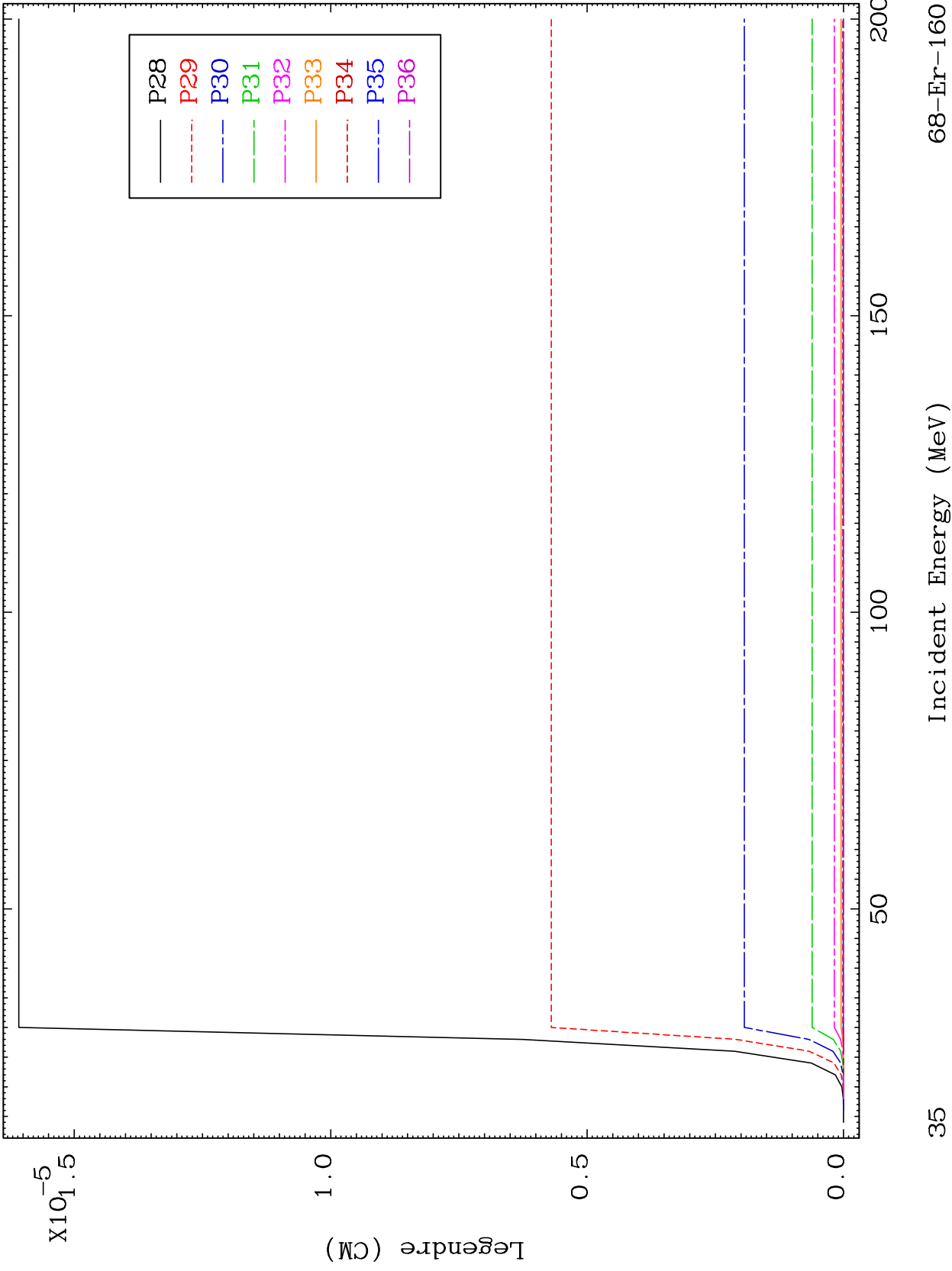
34

68-Er-160

MAT 6819

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

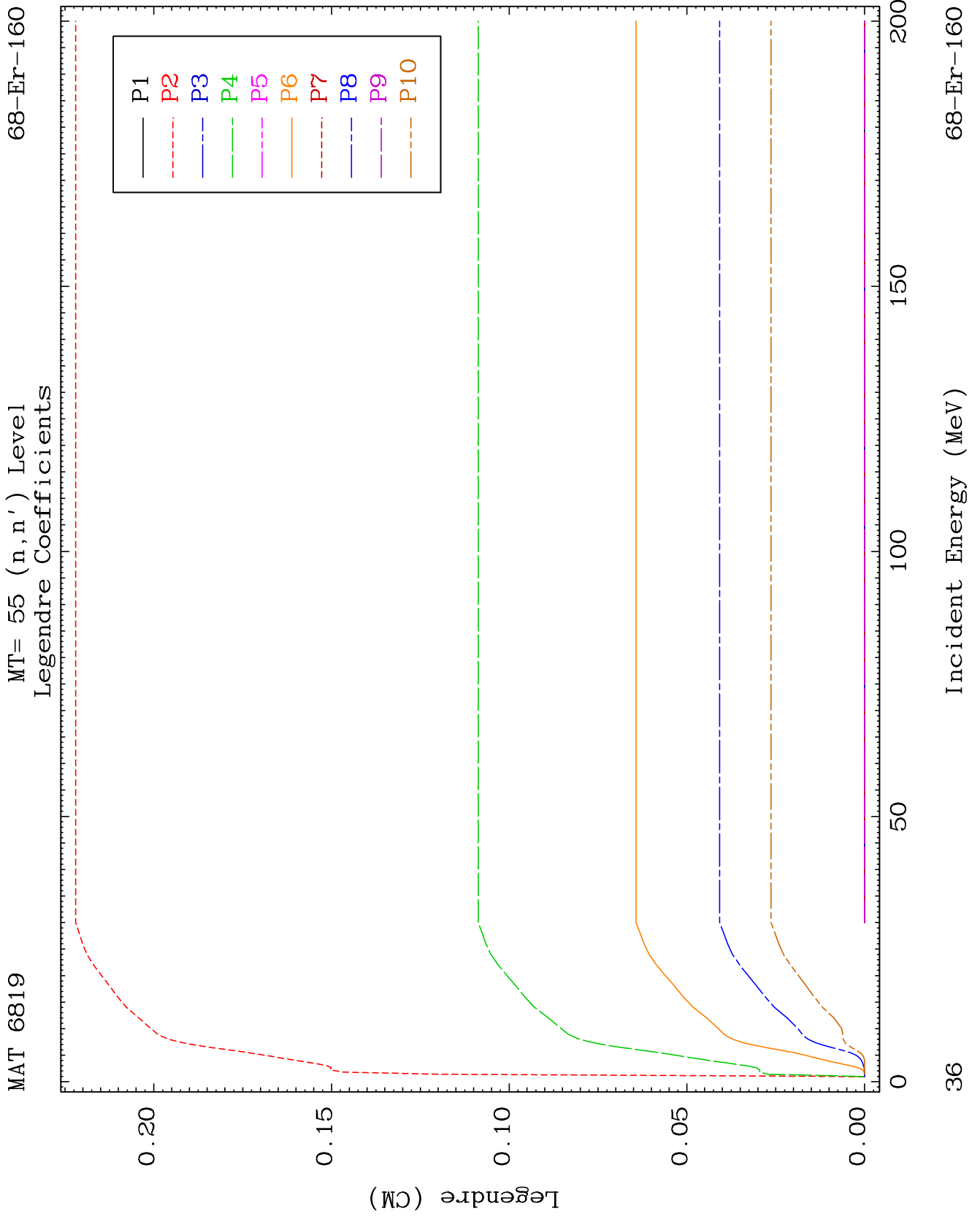
68-Er-160



35

Incident Energy (MeV)

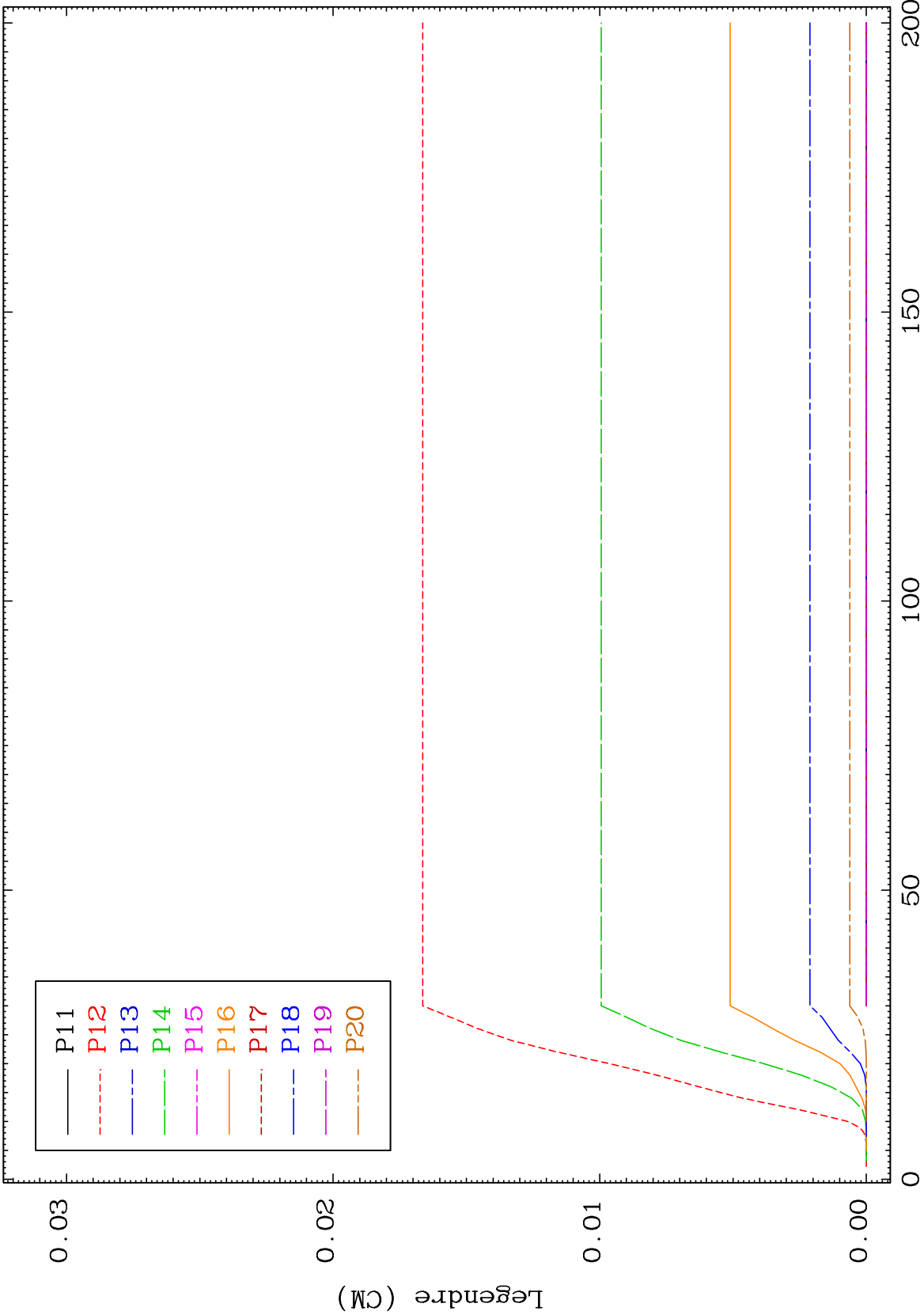
68-Er-160



MAT 6819

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

68-Er-160



37

Incident Energy (MeV)

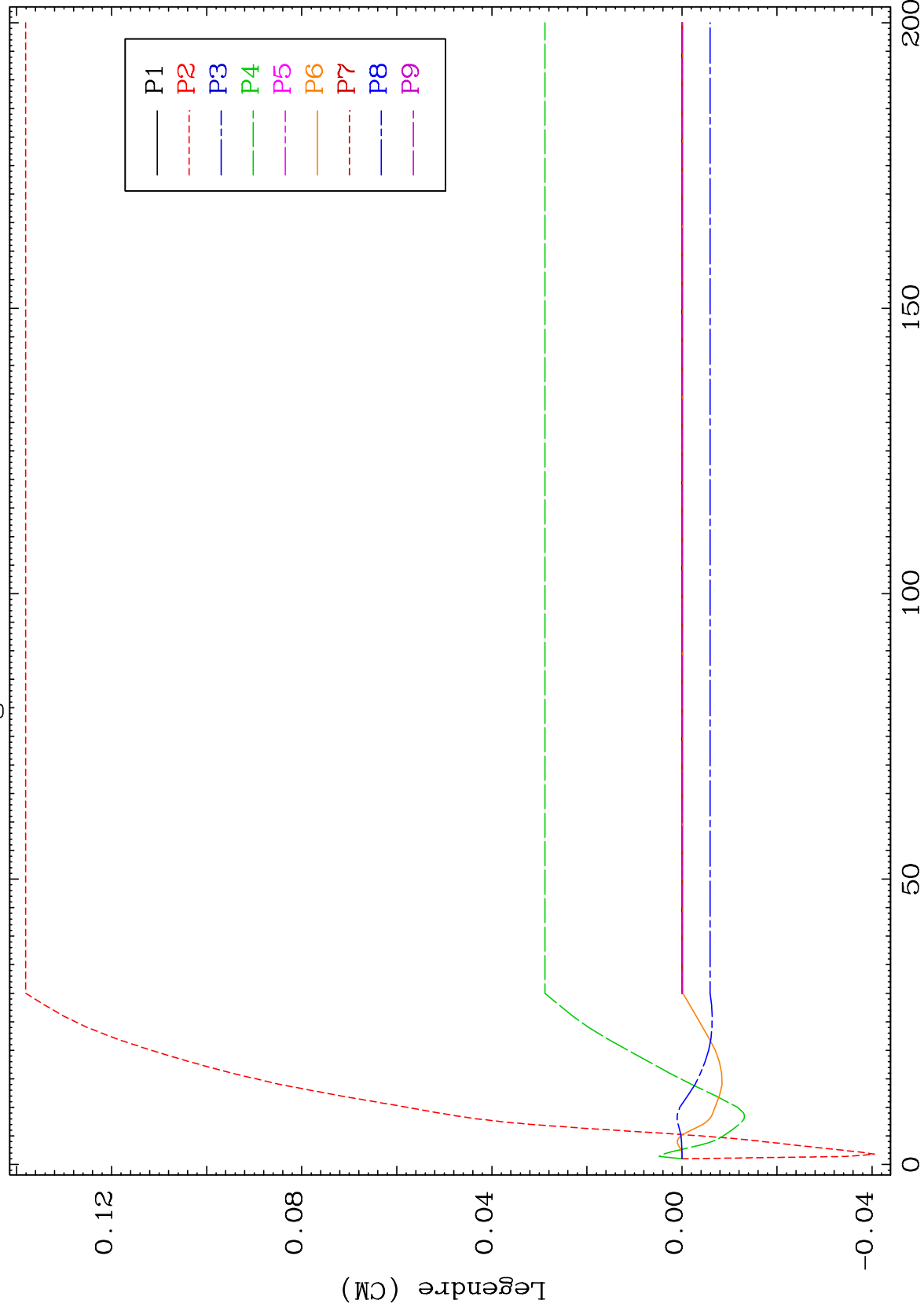
68-Er-160



MAT 6819

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

68-Er-160



39

Incident Energy (MeV)

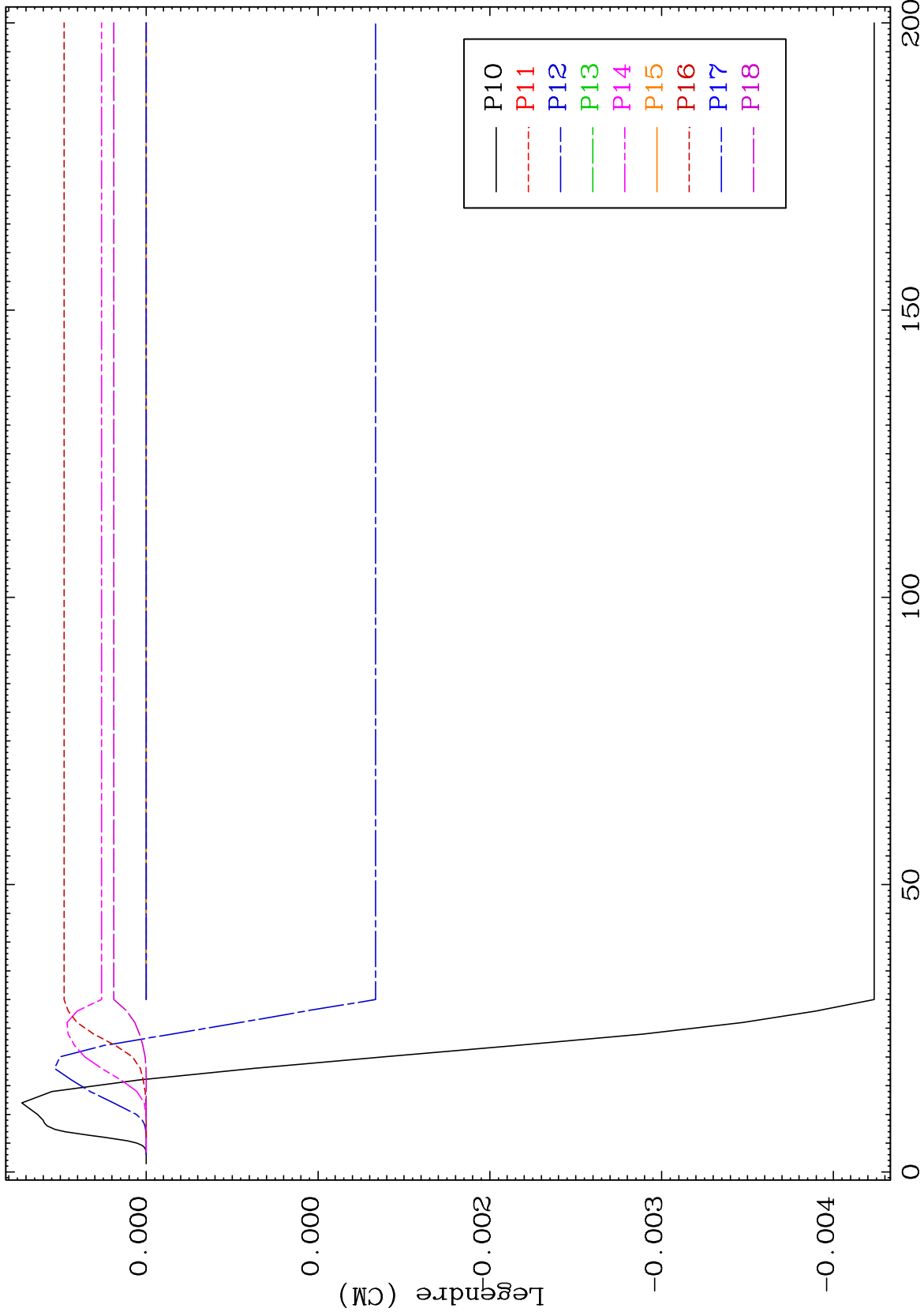
68-Er-160



MAT 6819

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

68-Er-160



40

Incident Energy (MeV)

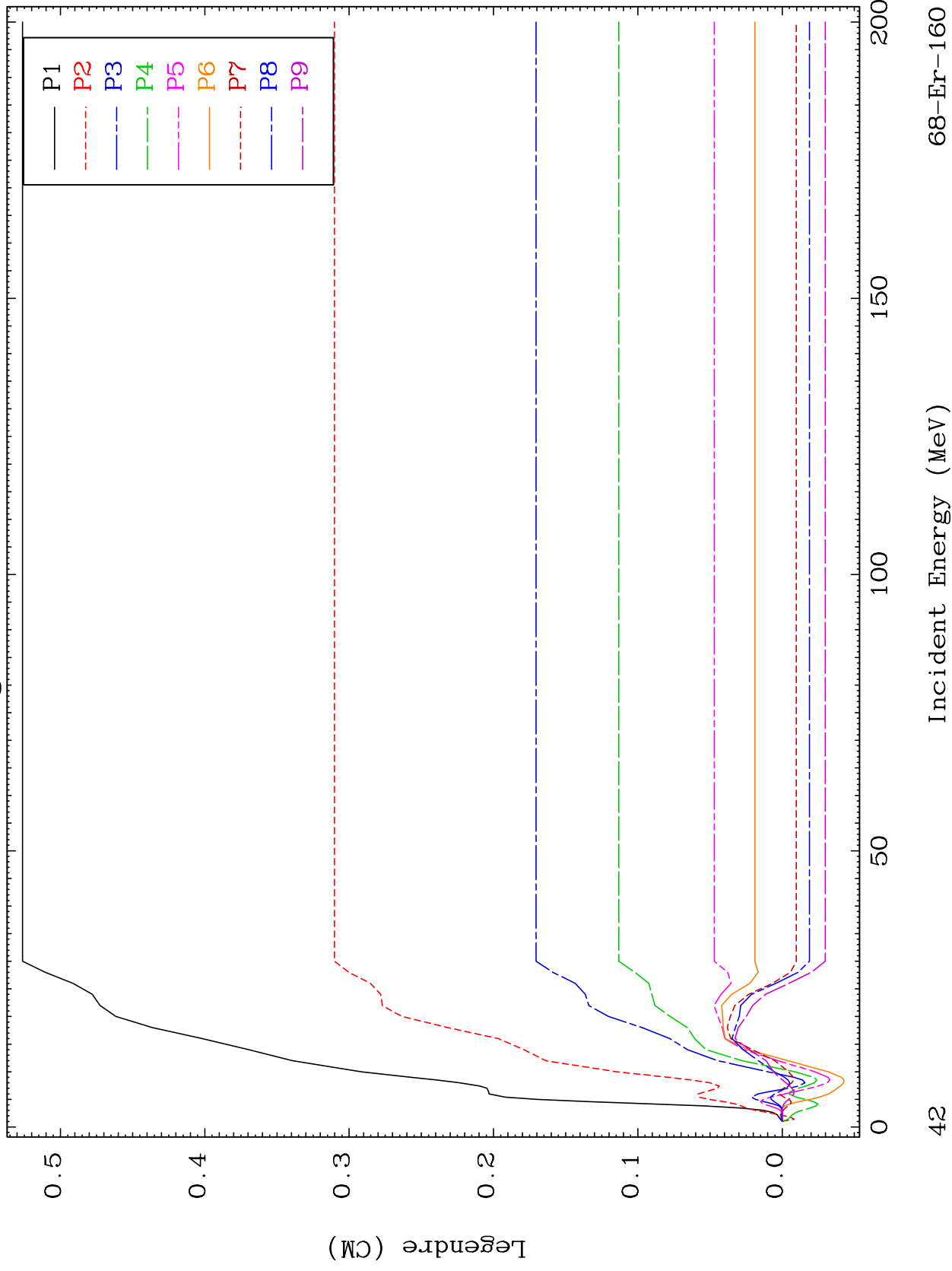
68-Er-160



MAT 6819

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

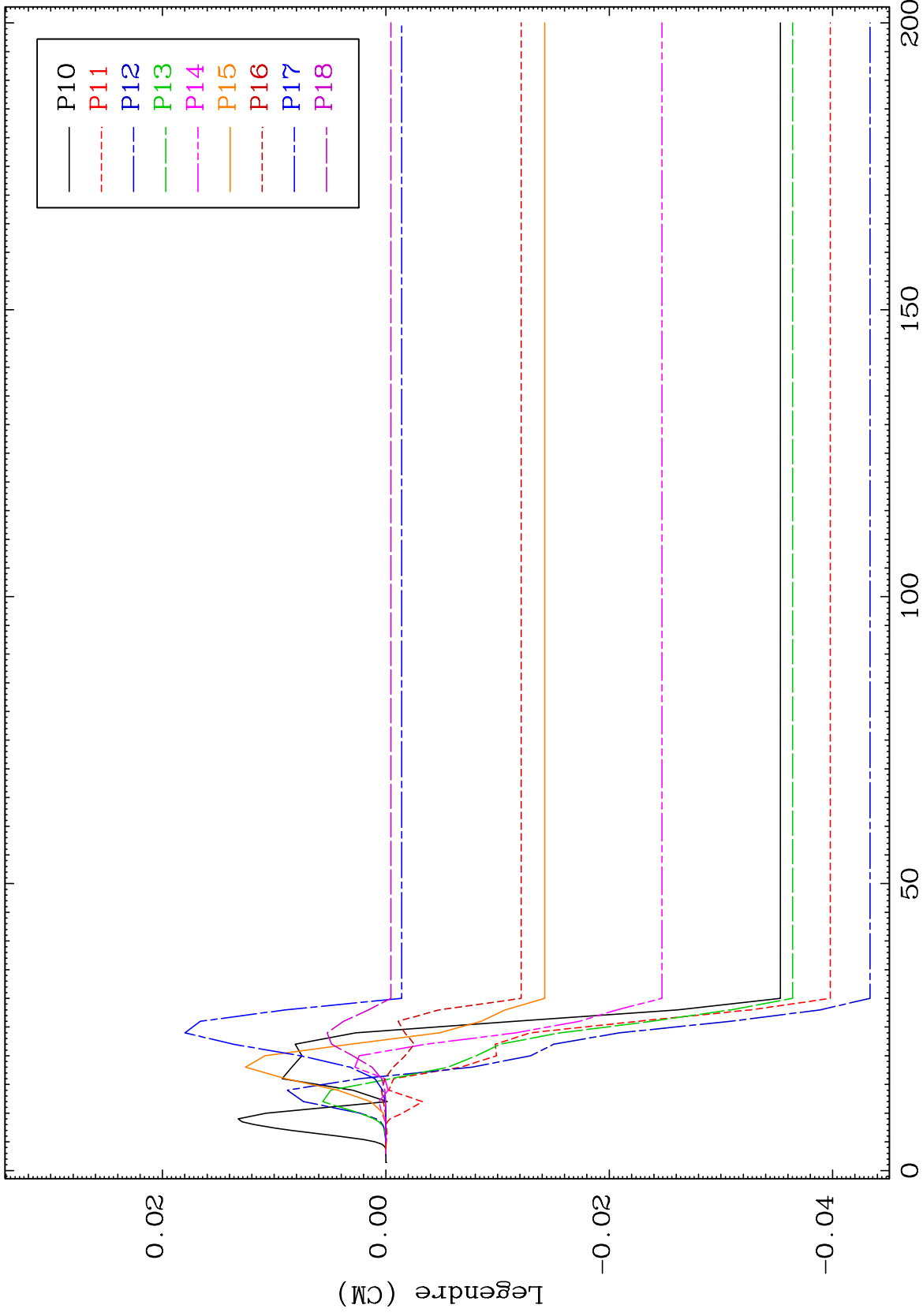
68-Er-160



MAT 6819

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

68-Er-160



43

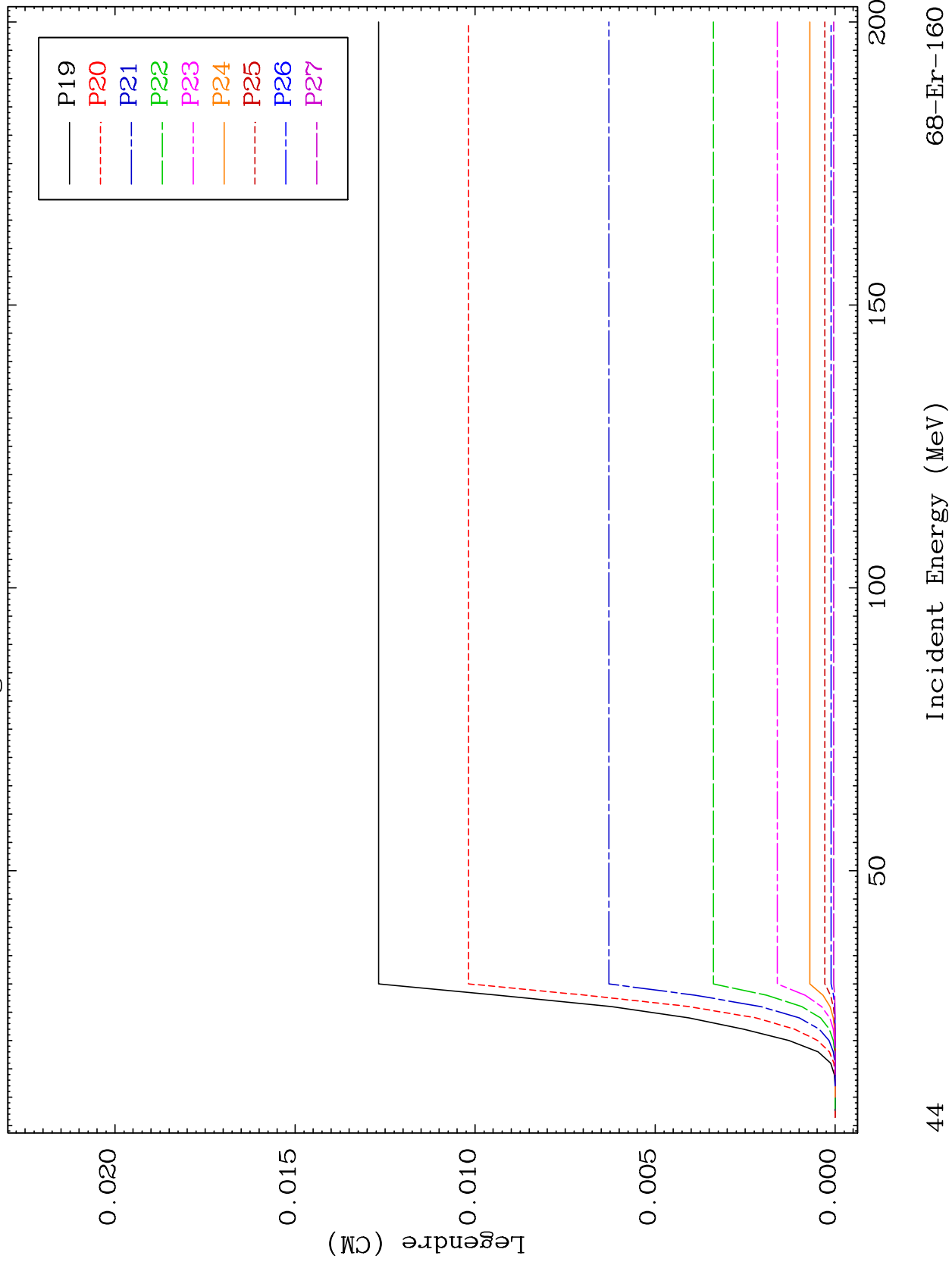
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



44

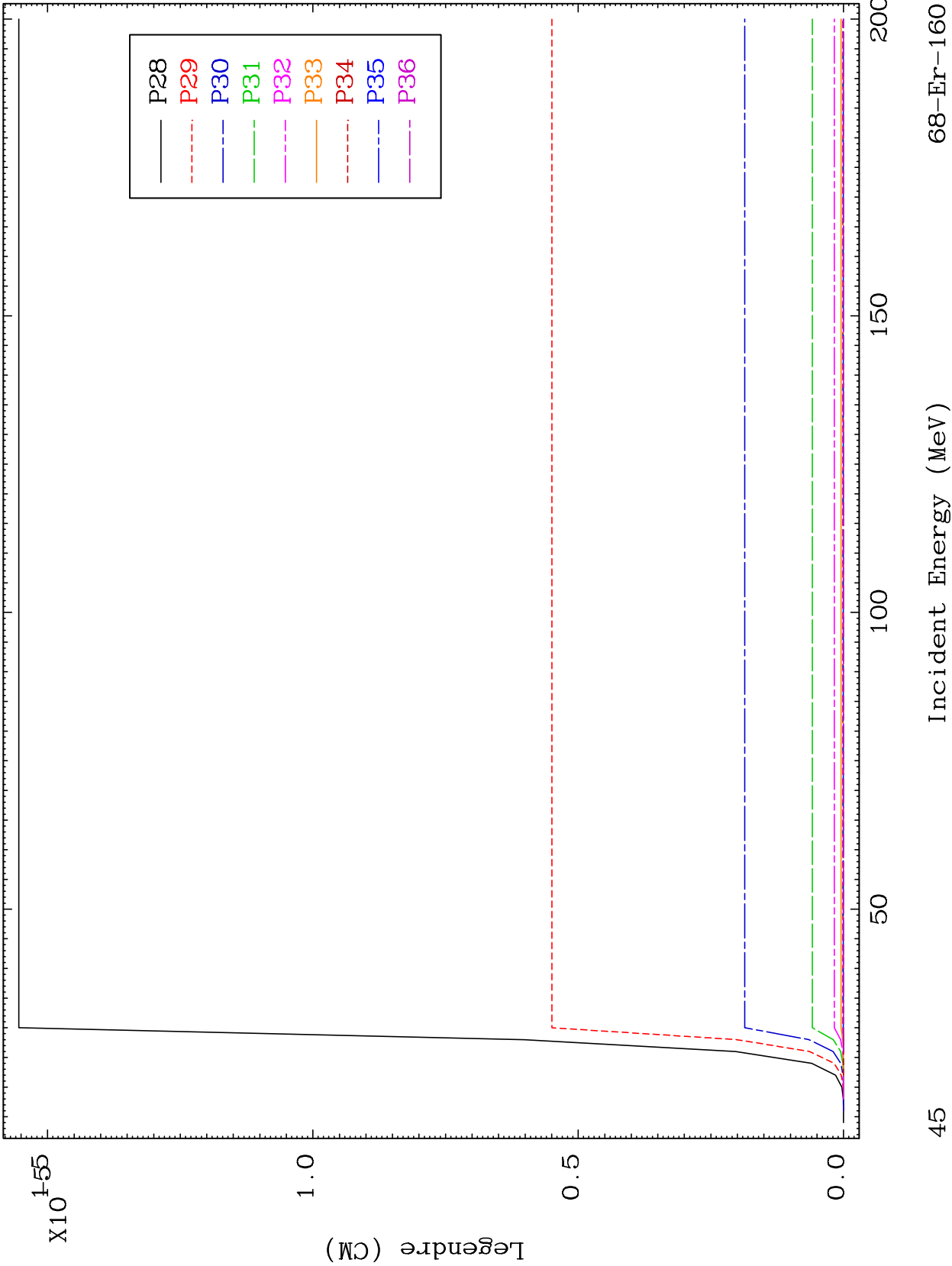
Incident Energy (MeV)

68-Er-160

MAT 6819

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

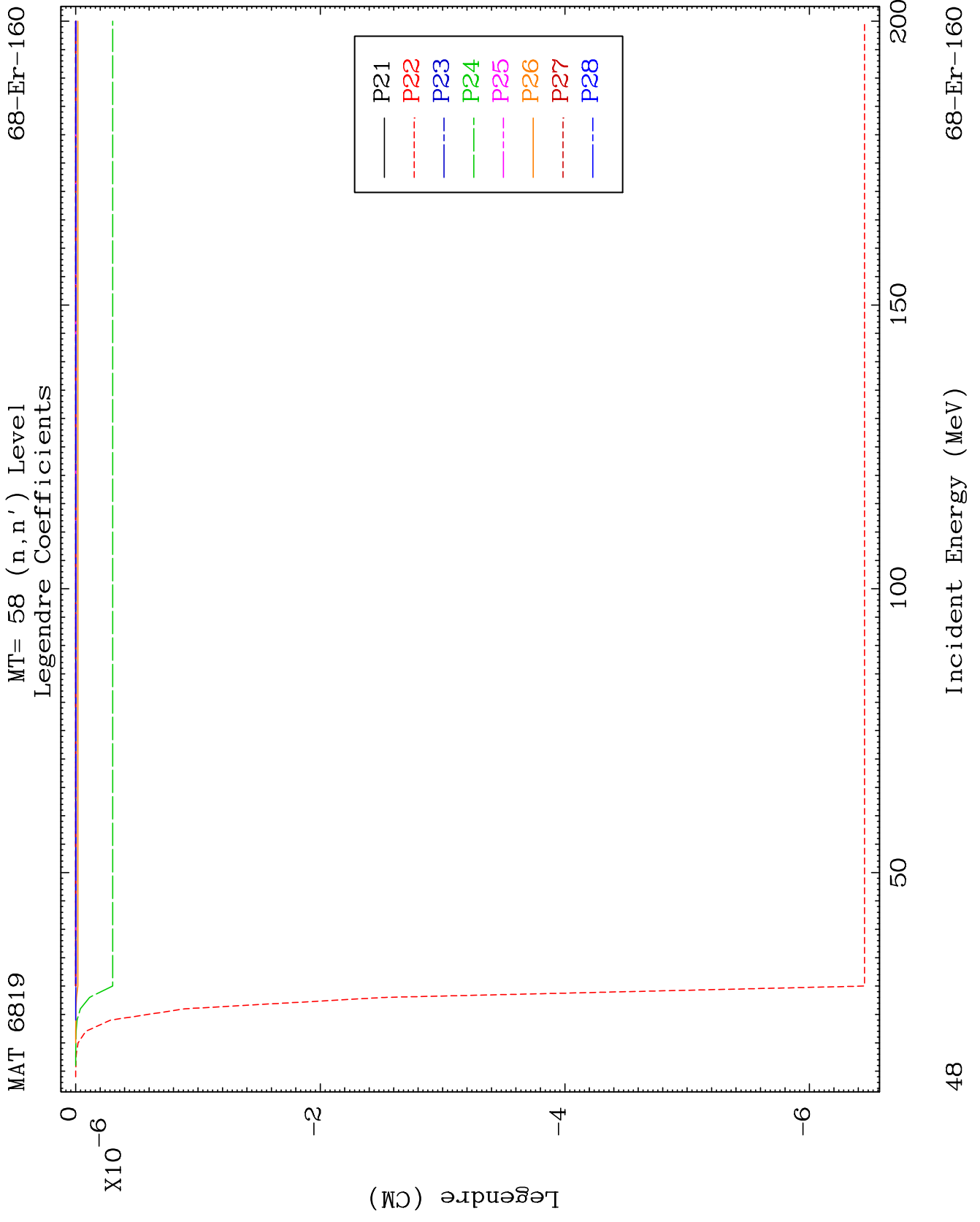
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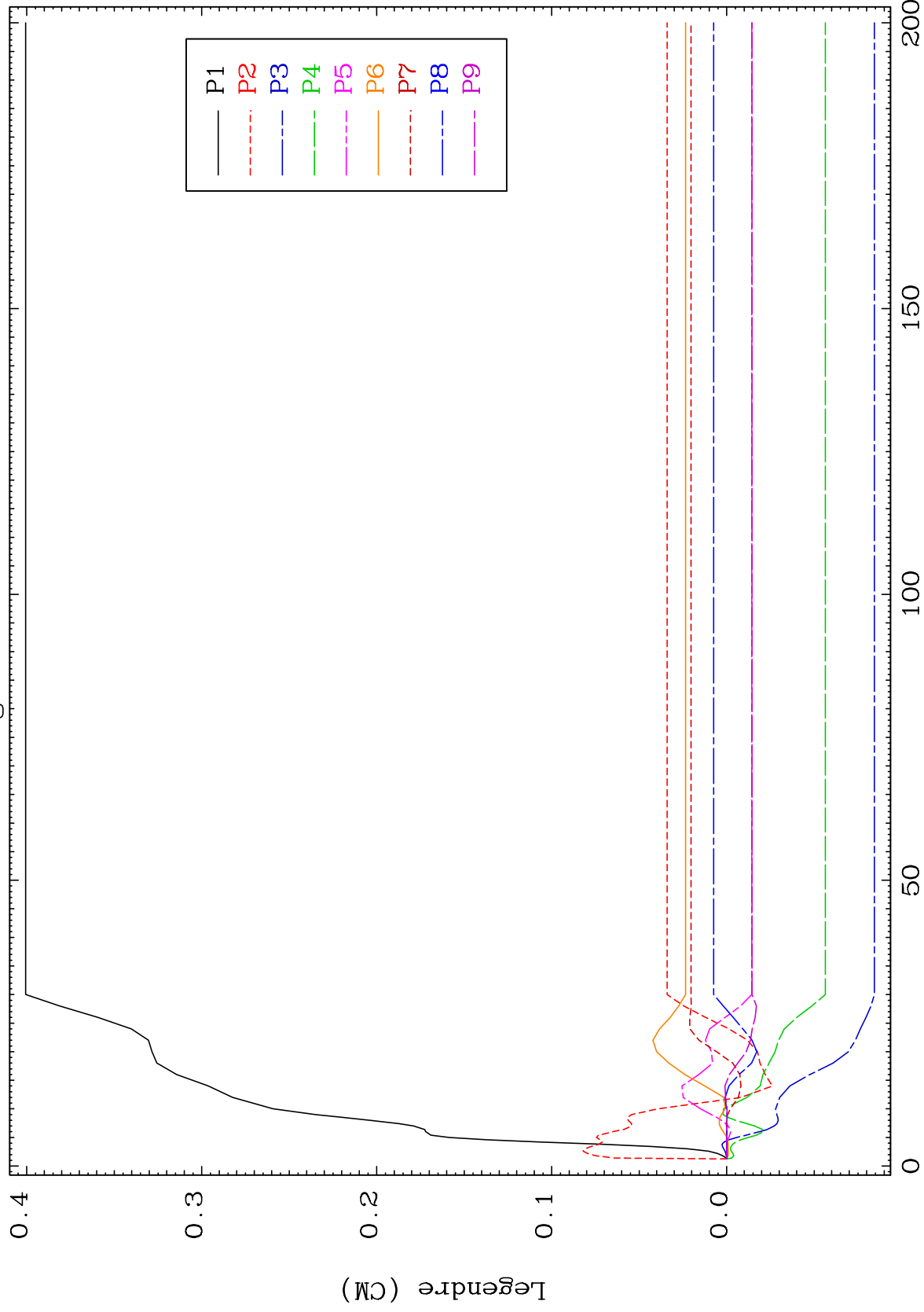




MAT 6819

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

68-Er-160



49

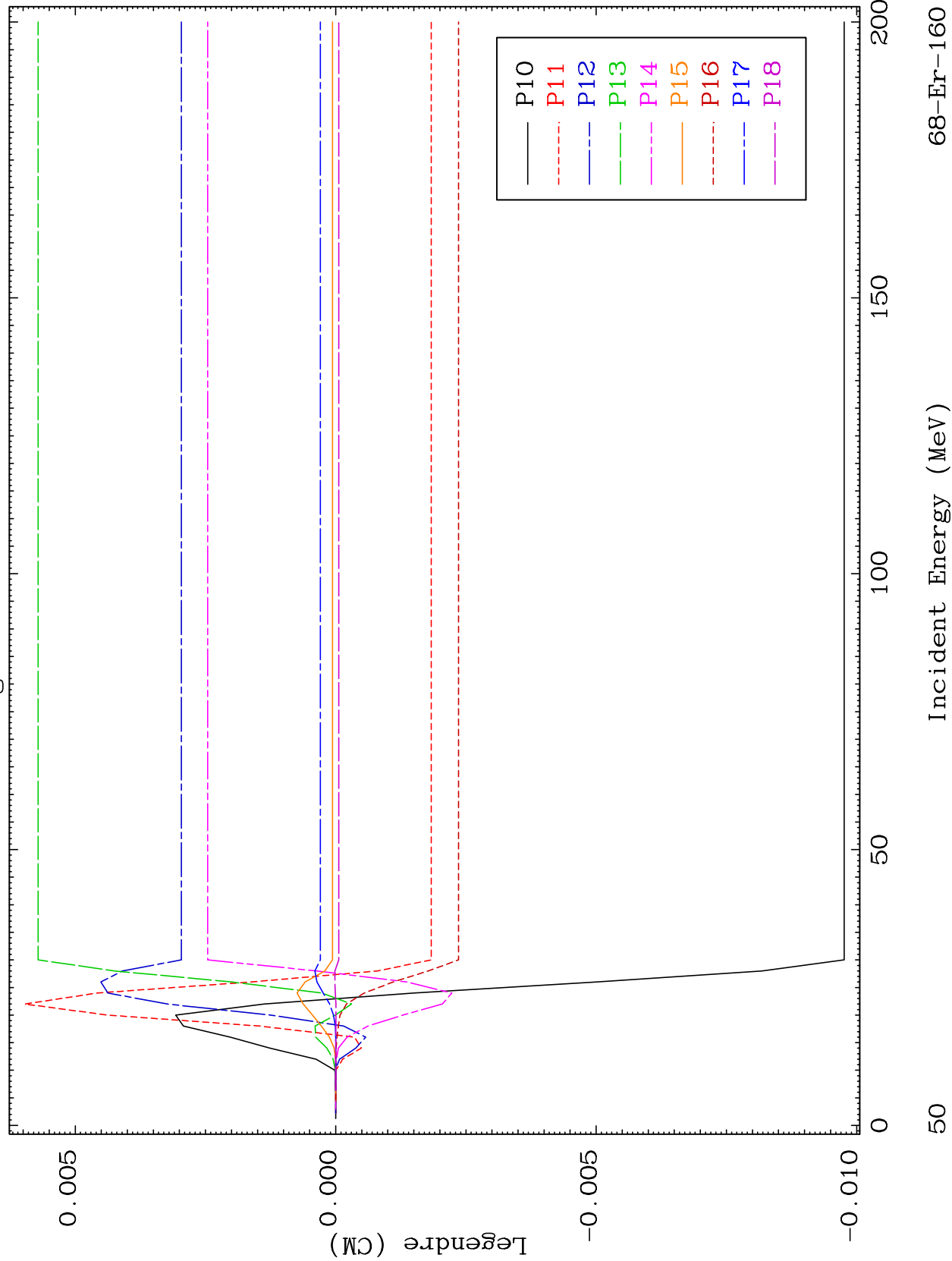
Incident Energy (MeV)

68-Er-160

MAT 6819

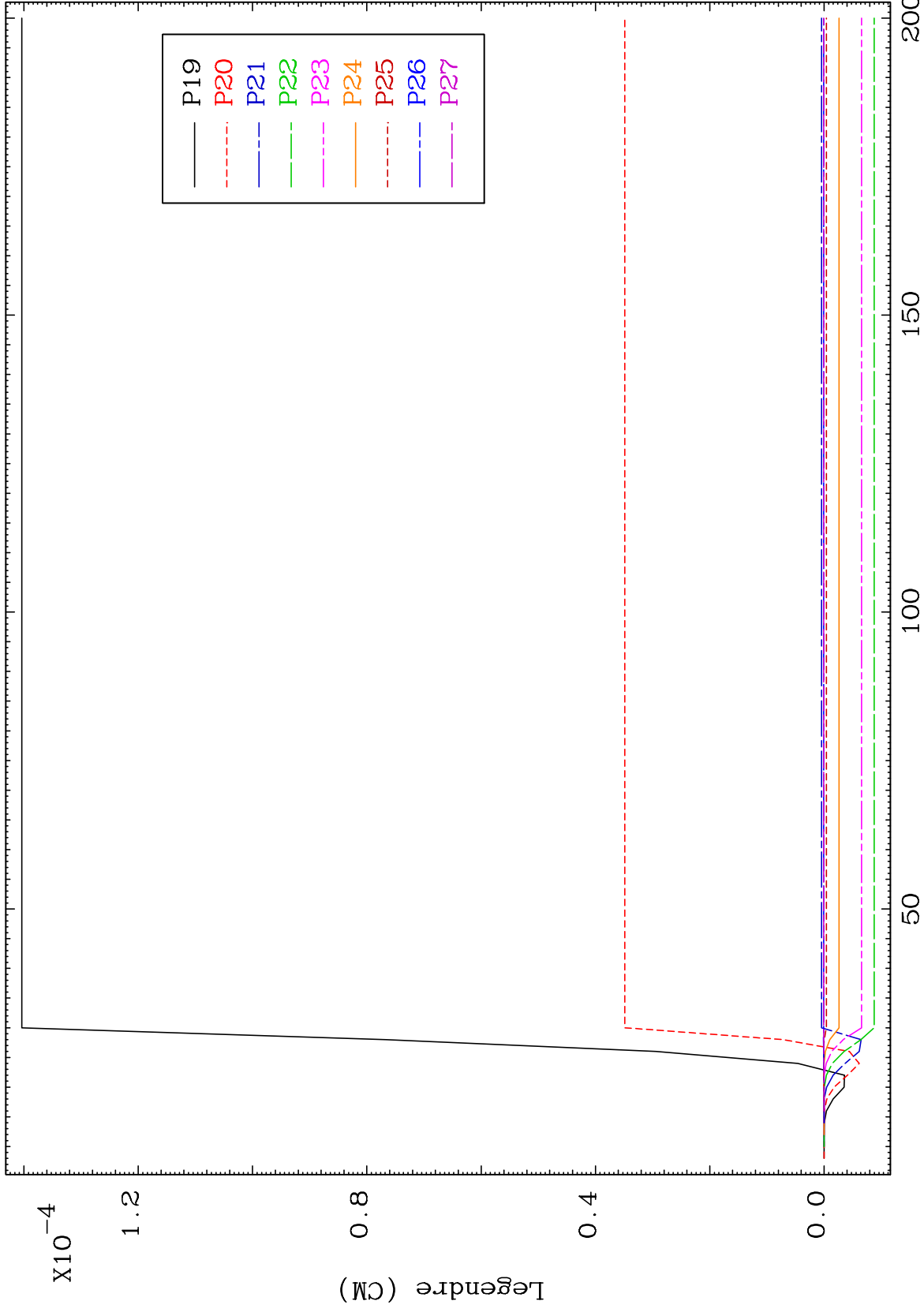
MT= 59 (n,n') Level  
Legendre Coefficients

68-Er-160



68-Er-160

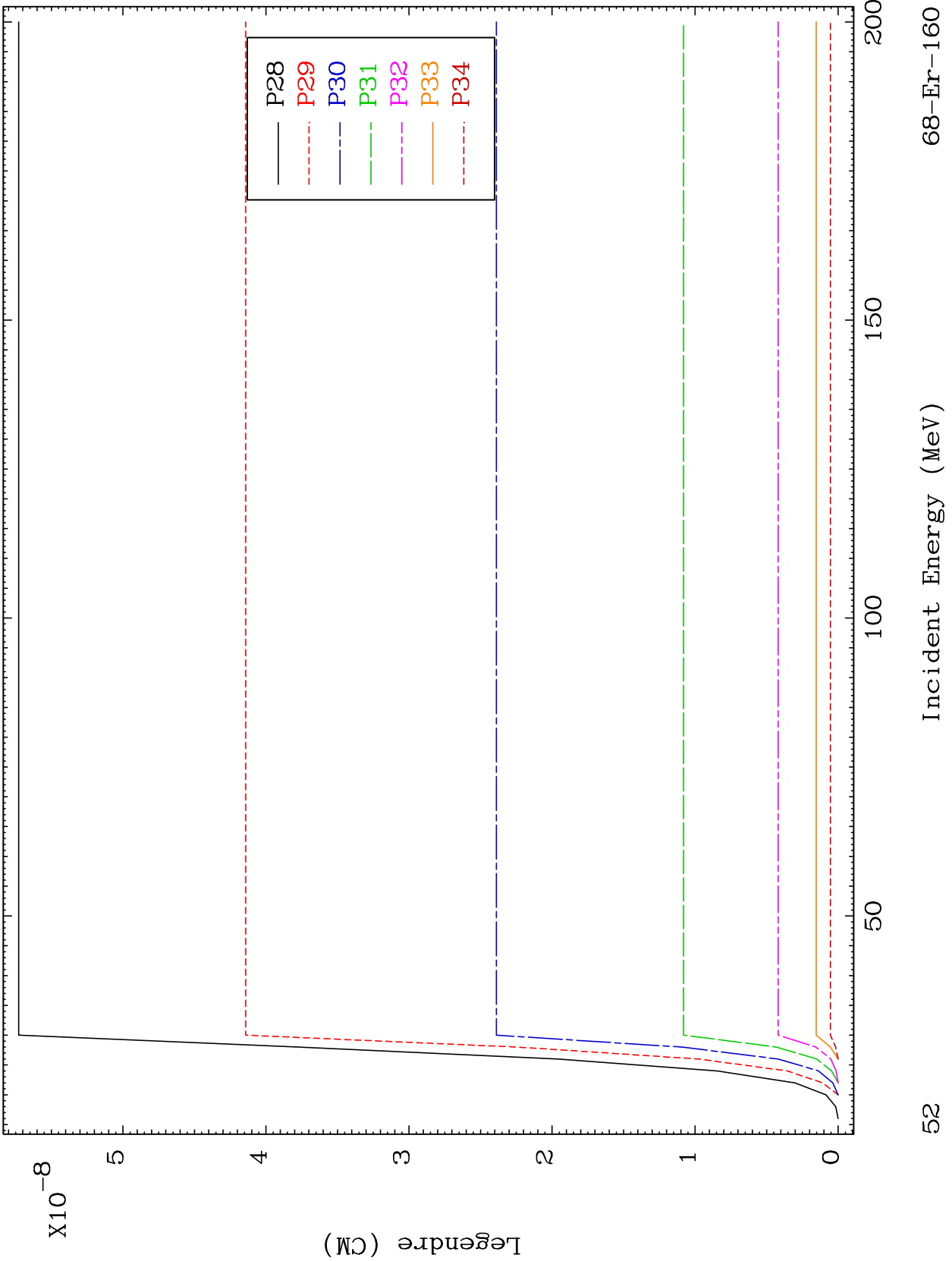
Incident Energy (MeV)



MAT 6819

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

68-Er-160



52

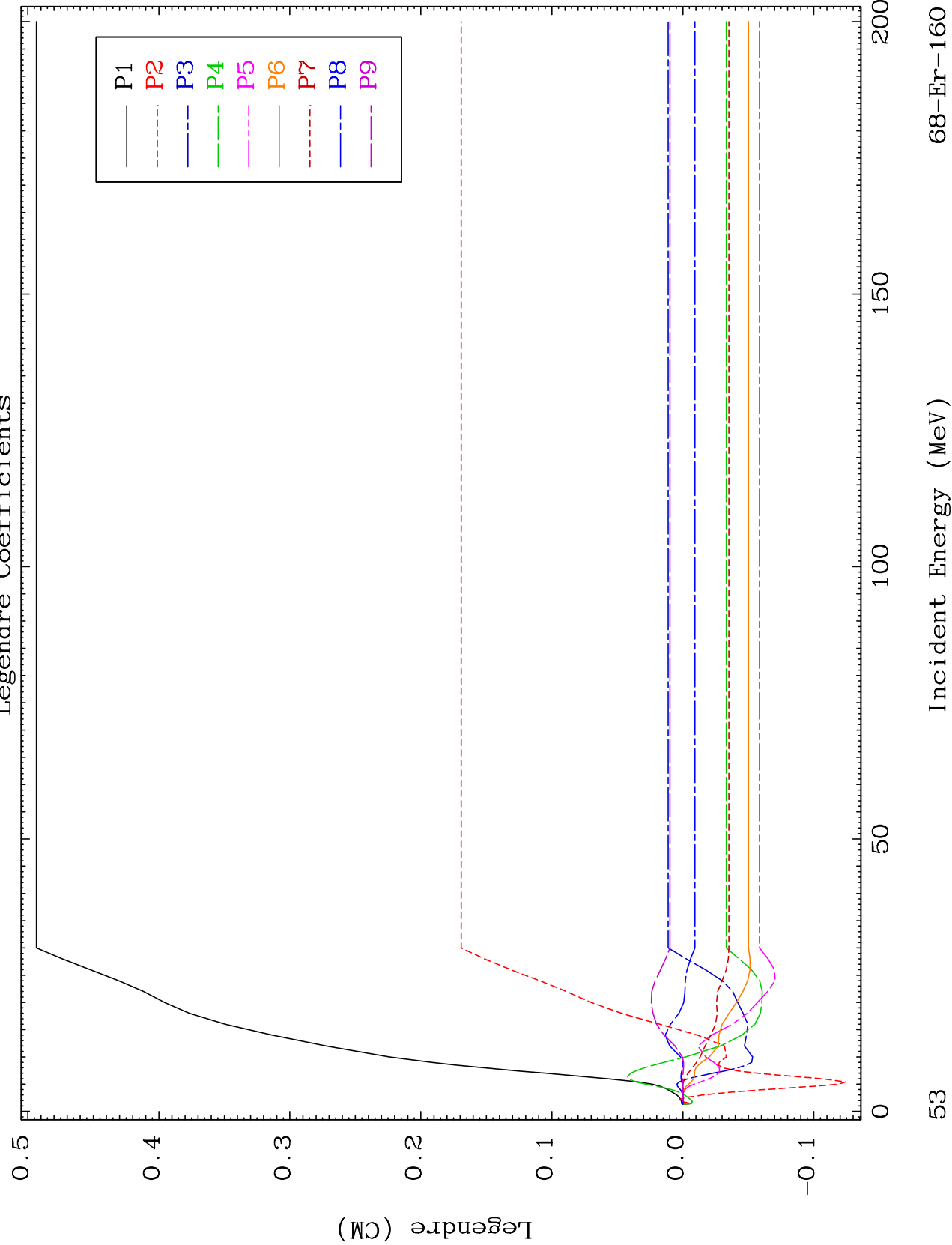
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



68-Er-160

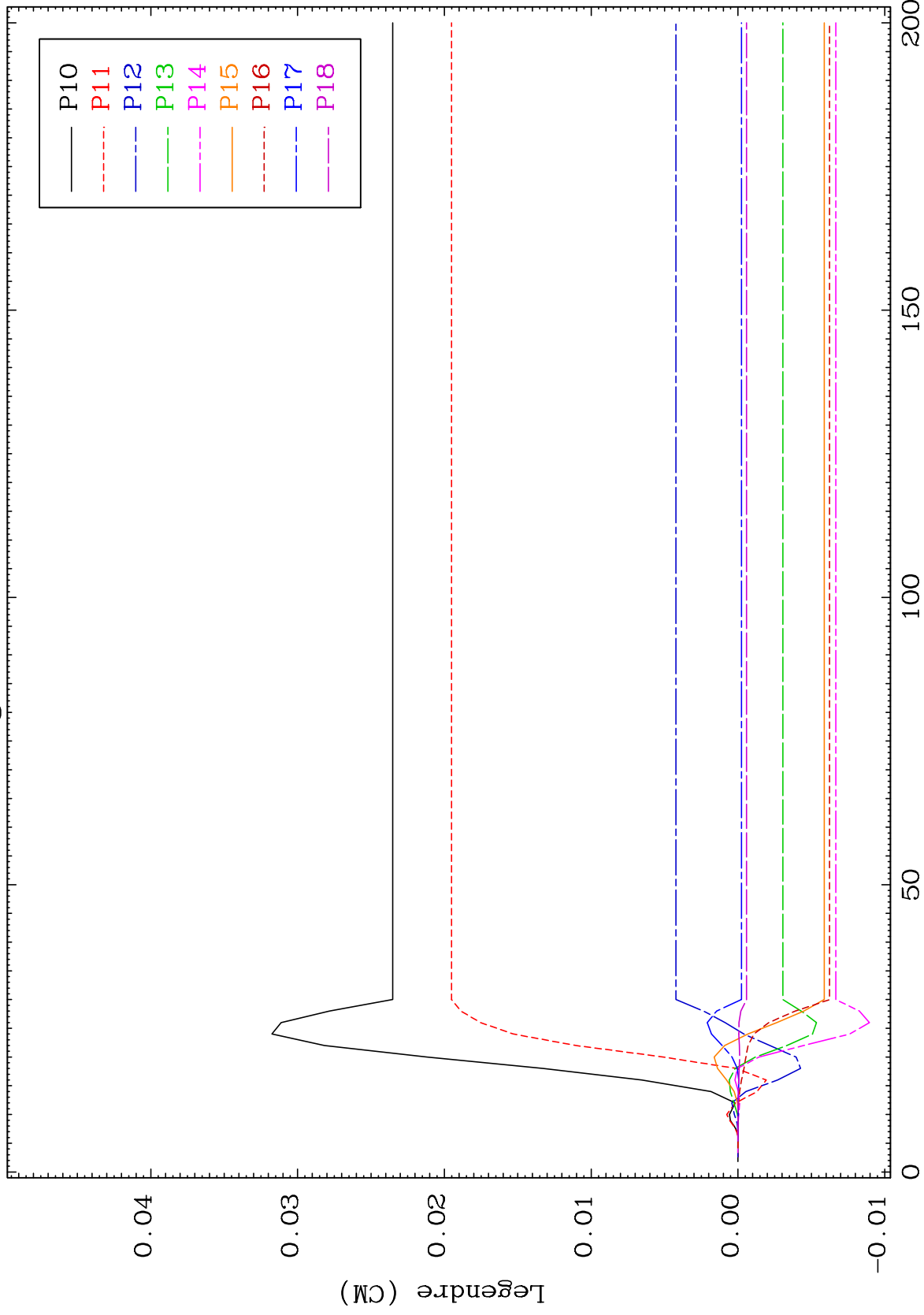
Incident Energy (MeV)

53

MAT 6819

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

68-Er-160



54

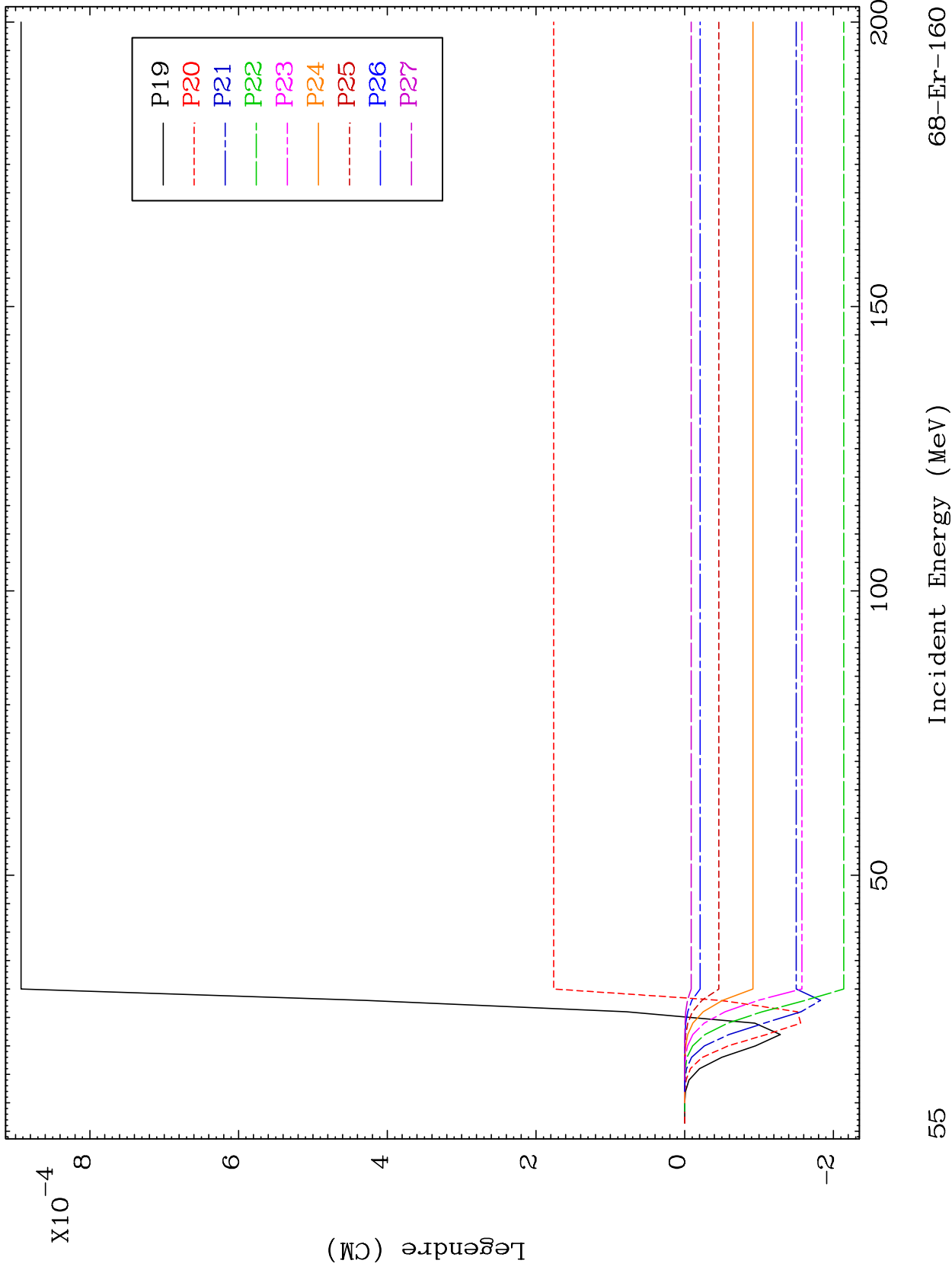
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160

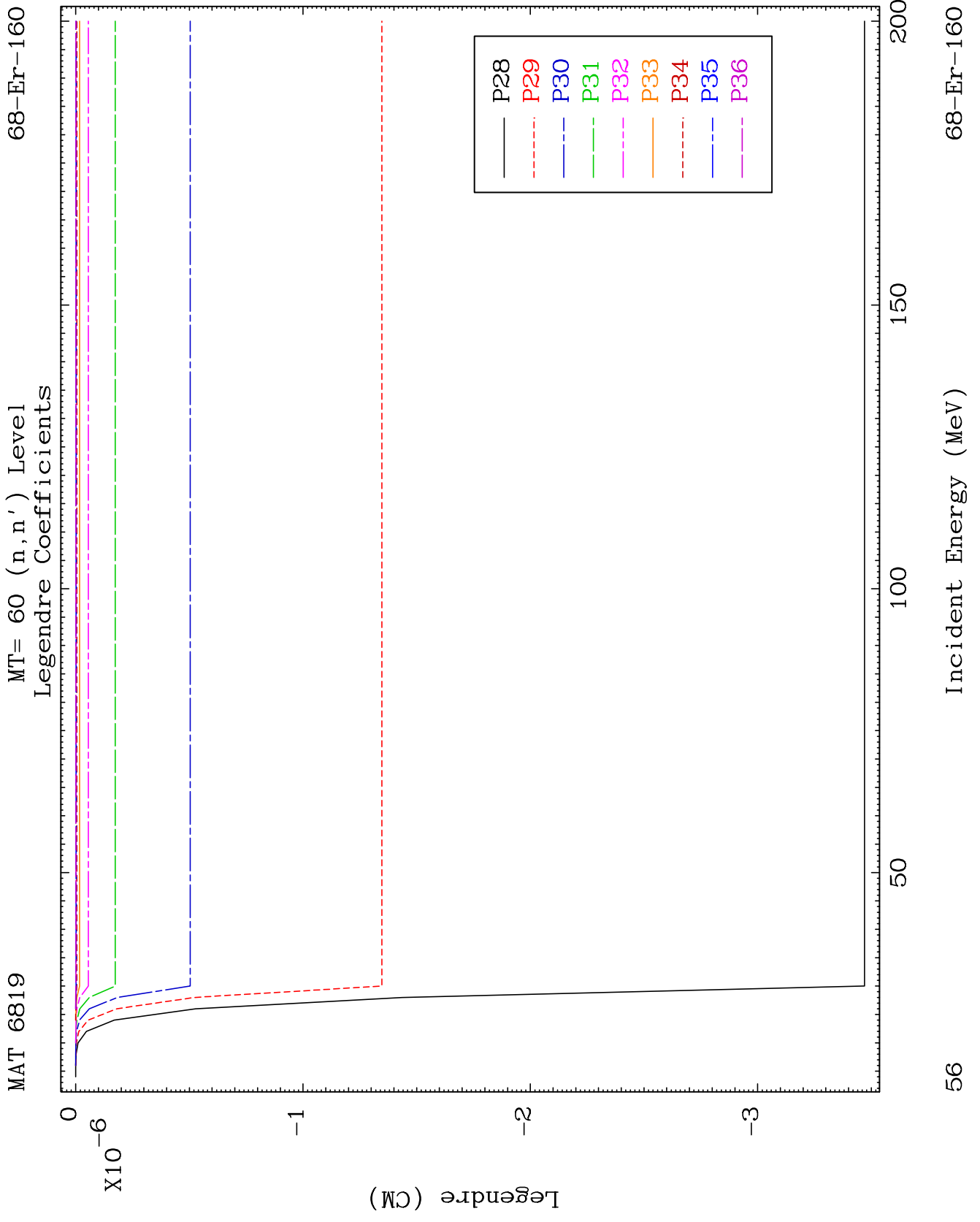


55

Incident Energy (MeV)

68-Er-160

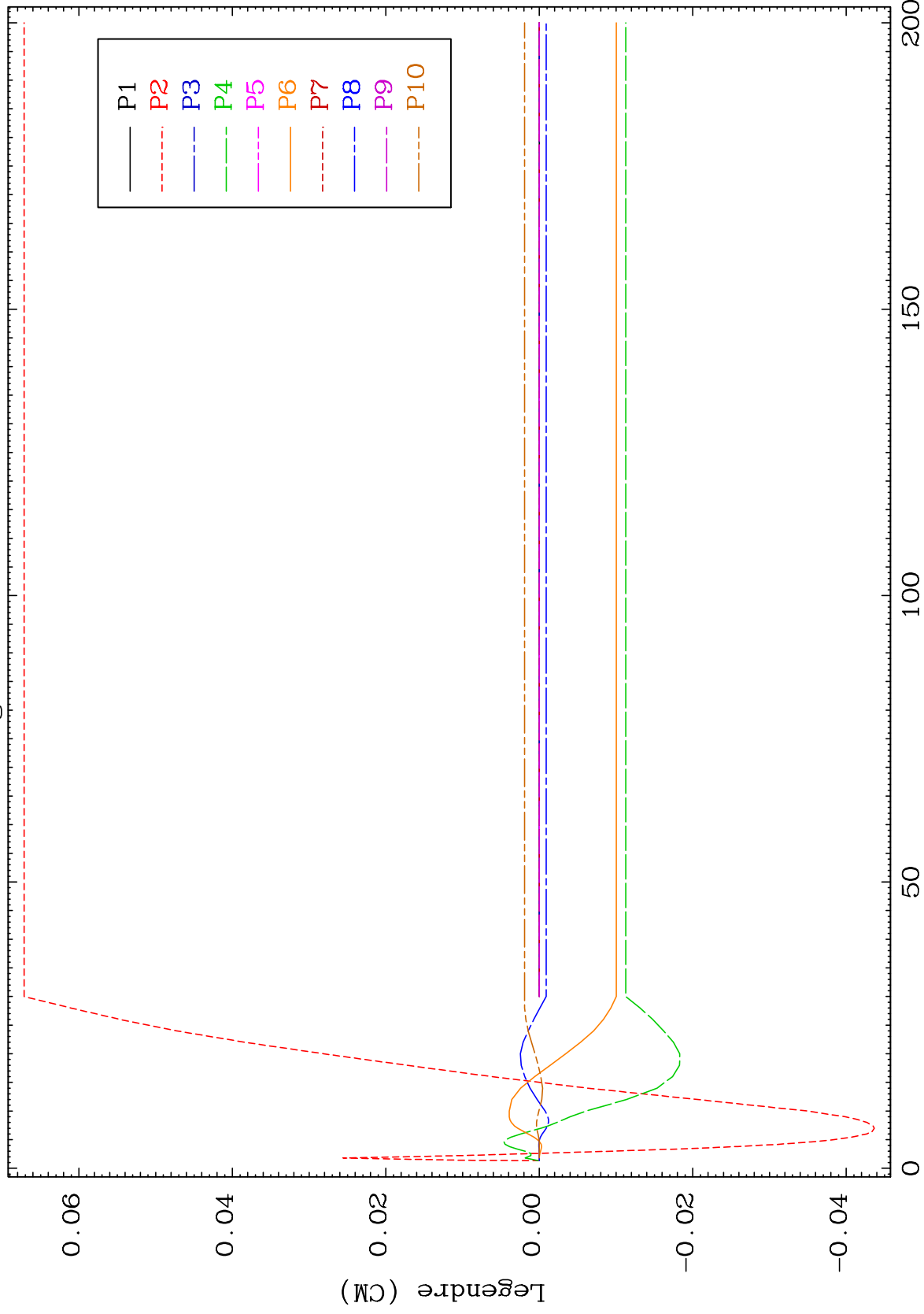




MAT 6819

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

68-Er-160



57

Incident Energy (MeV)

68-Er-160

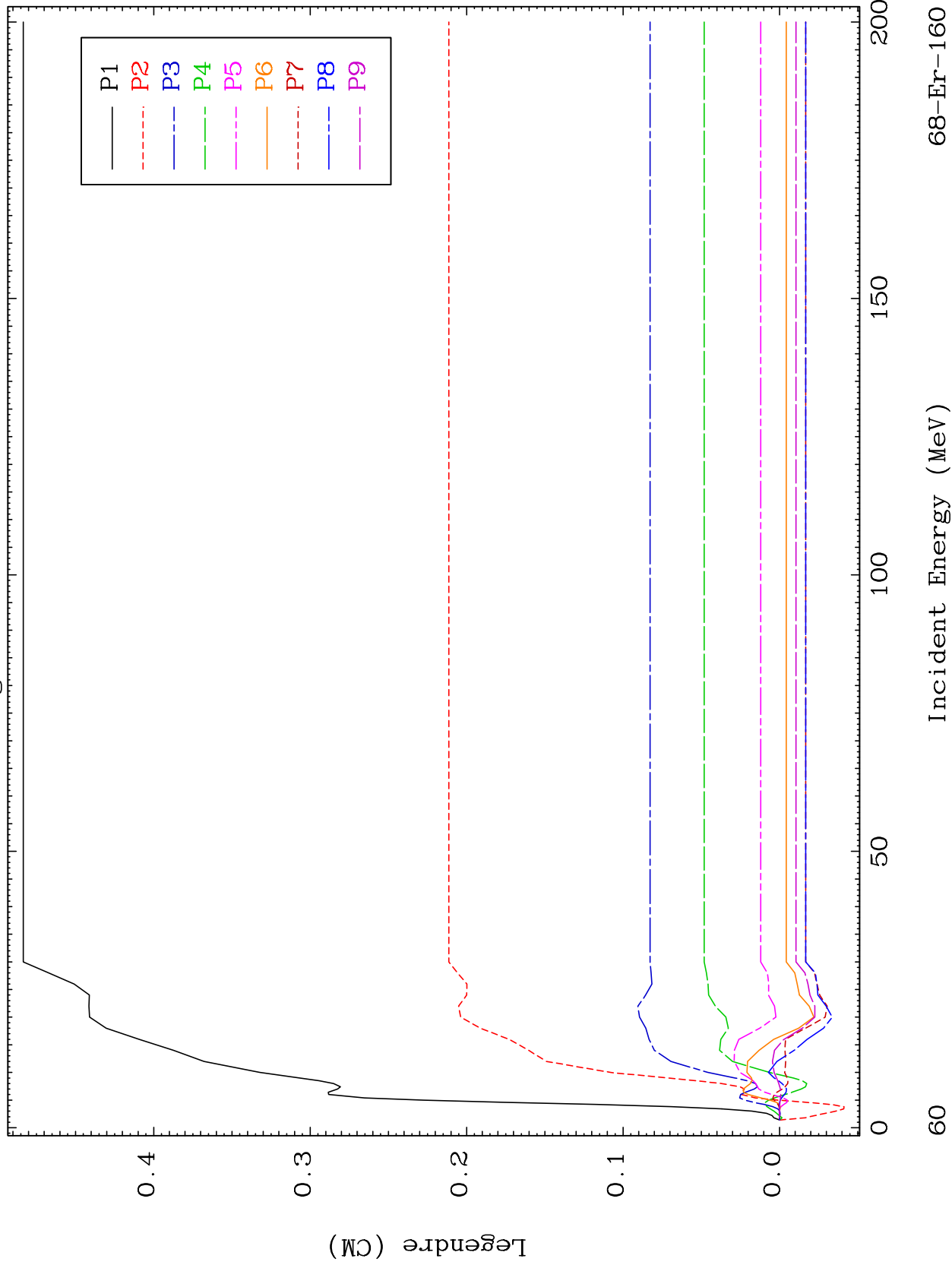




MAT 6819

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

68-Er-160



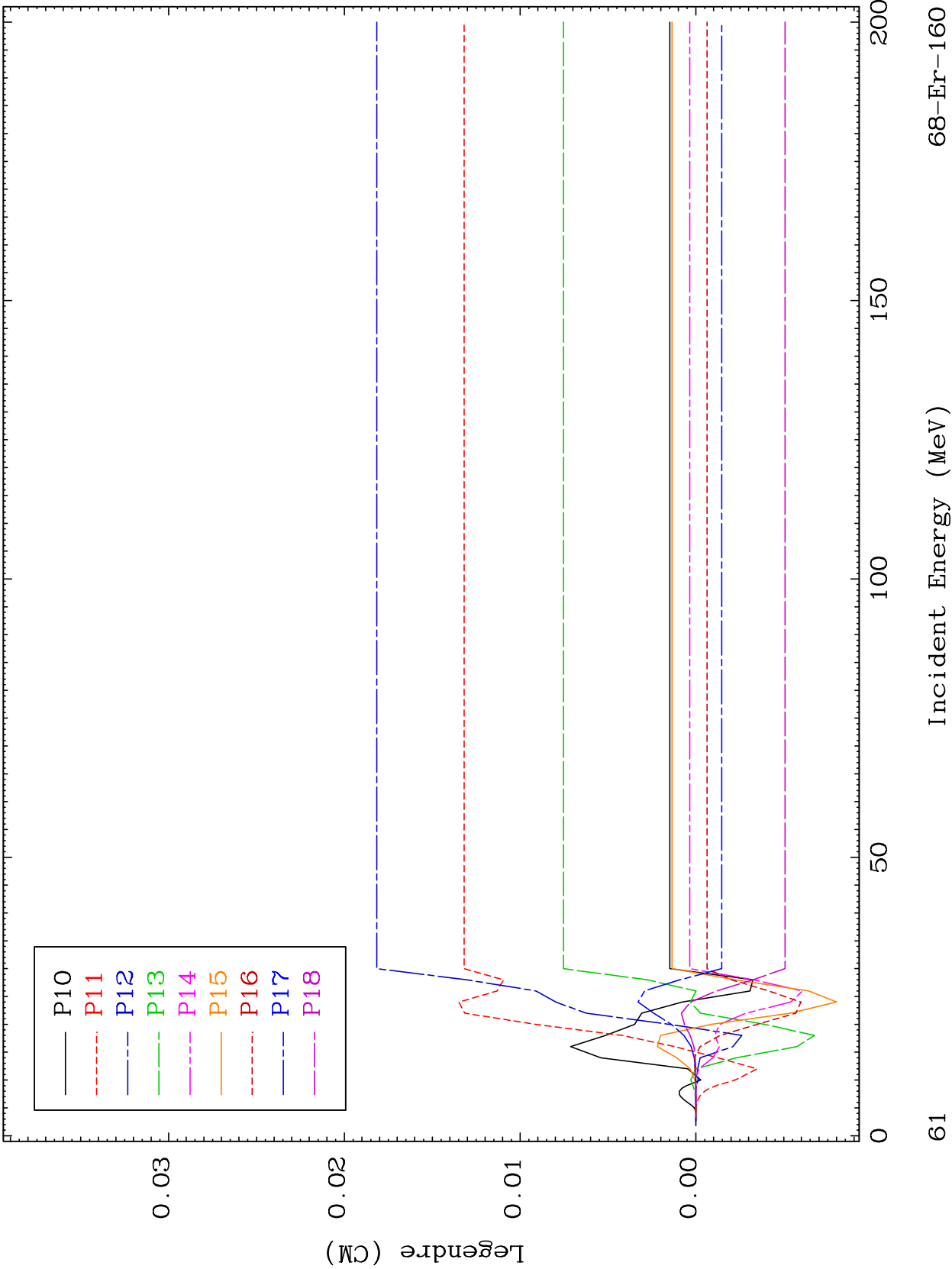
68-Er-160

Incident Energy (MeV)

MAT 6819

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

68-Er-160



61

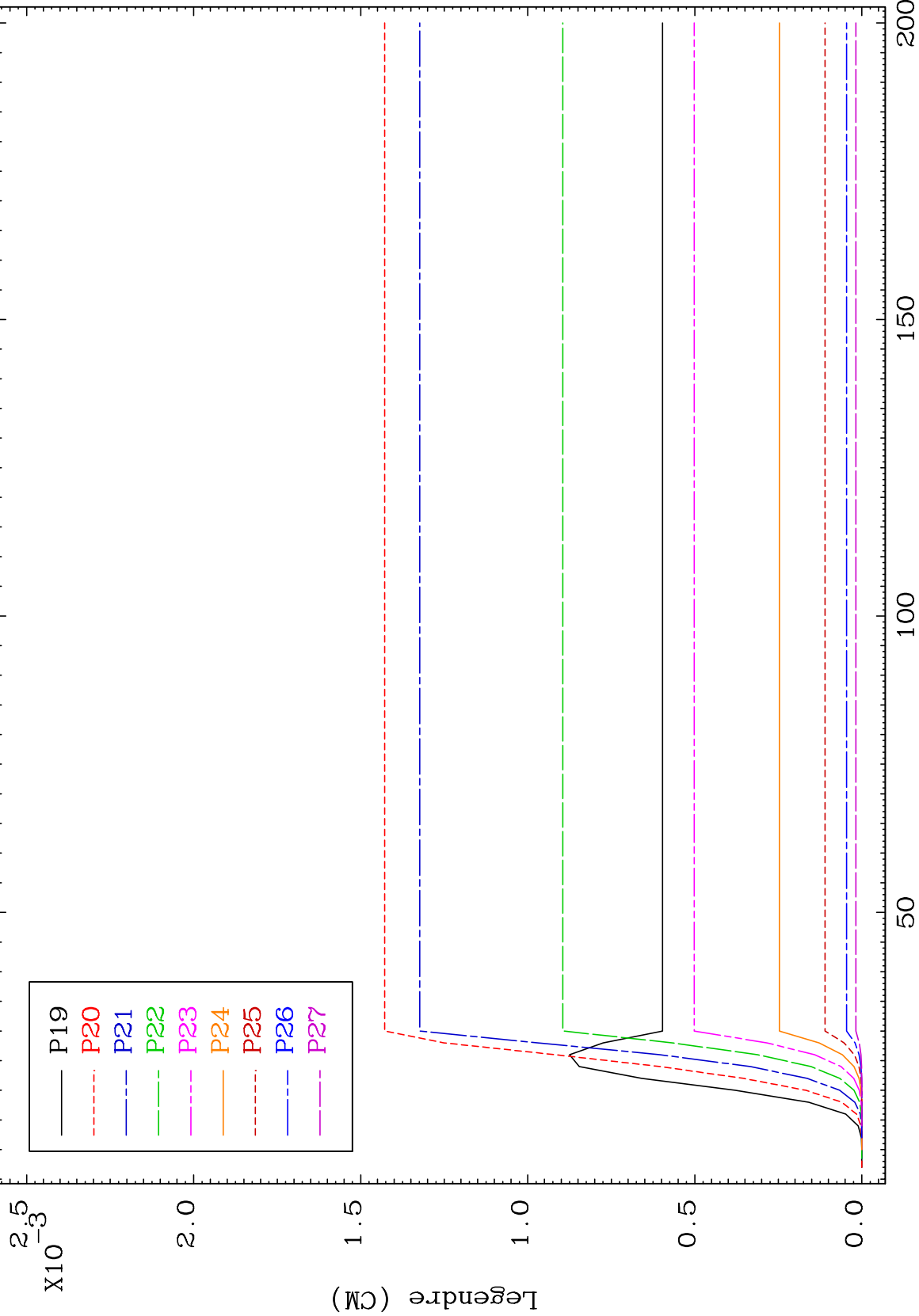
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



62

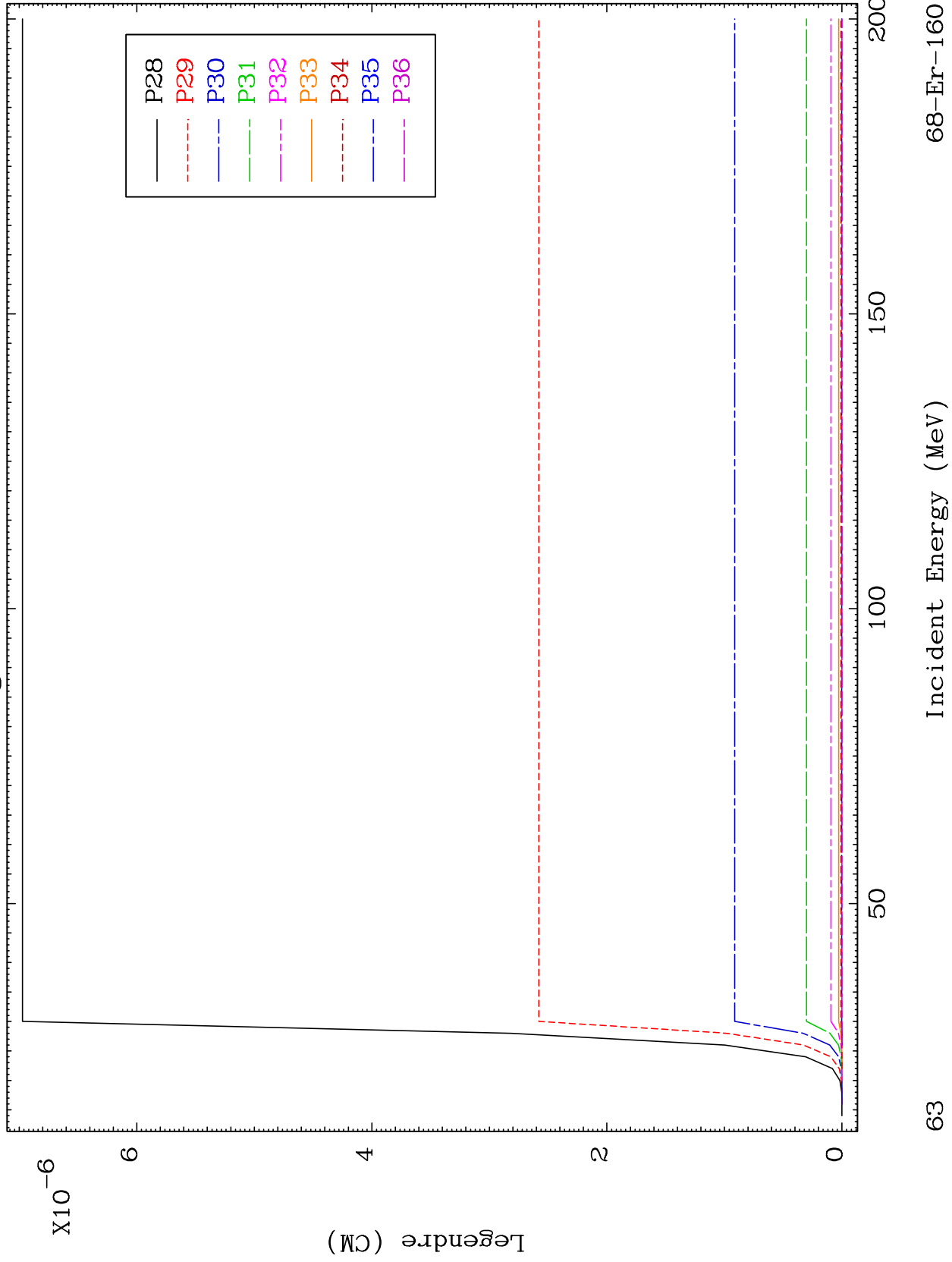
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



63

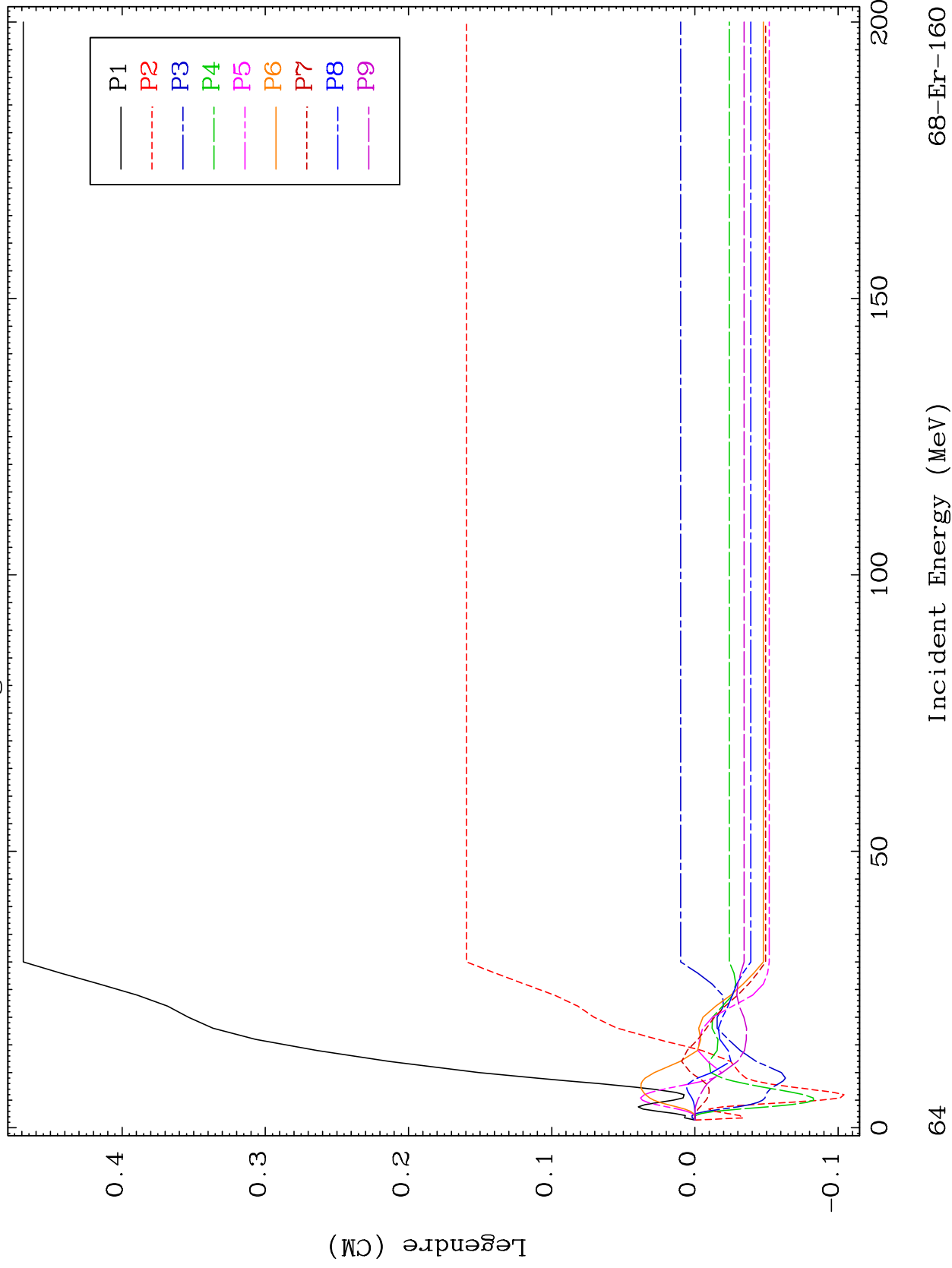
68-Er-160



MAT 6819

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

68-Er-160



68-Er-160

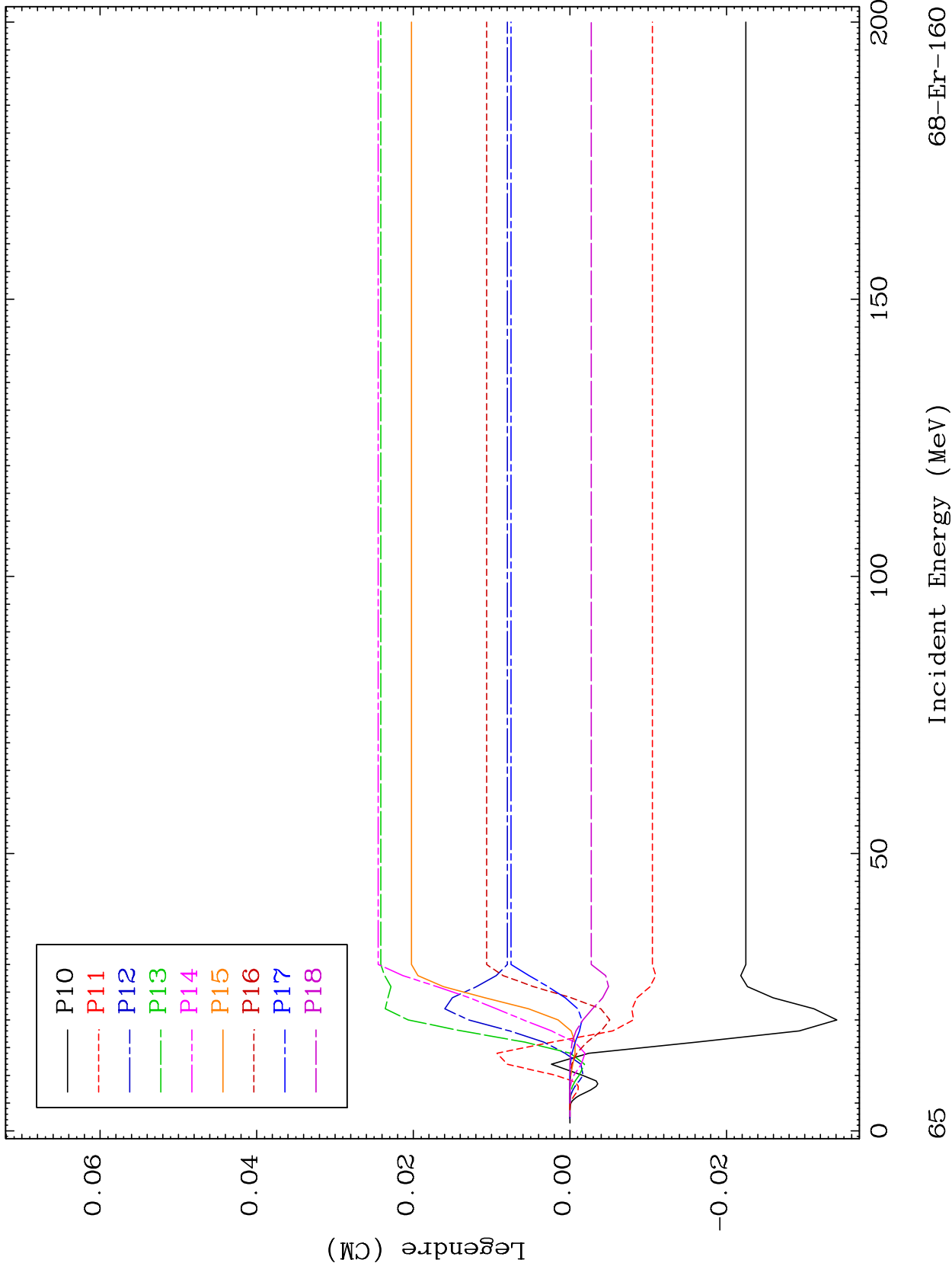
Incident Energy (MeV)

64

MAT 6819

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

68-Er-160



68-Er-160

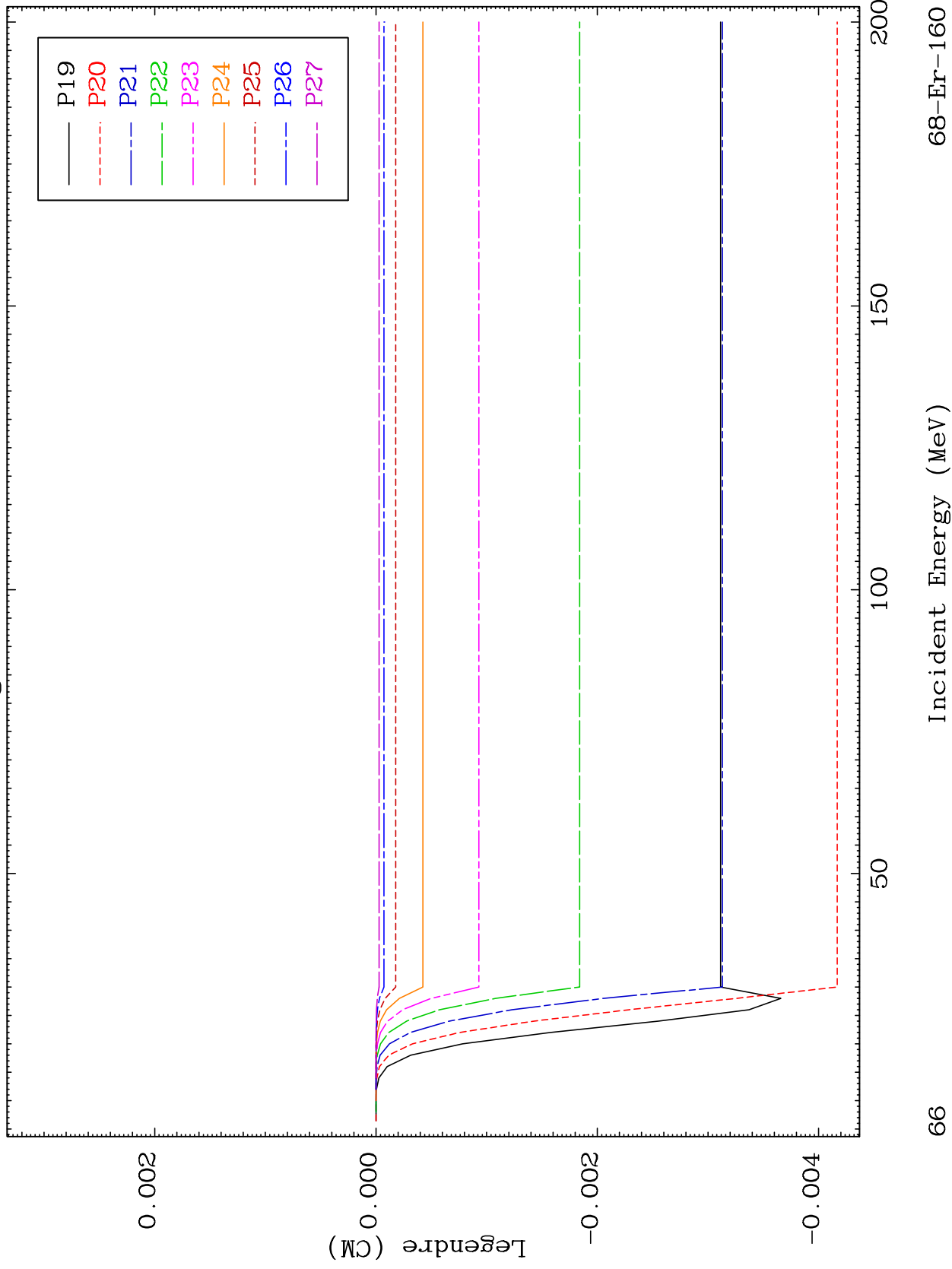
Incident Energy (MeV)

65

MAT 6819

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

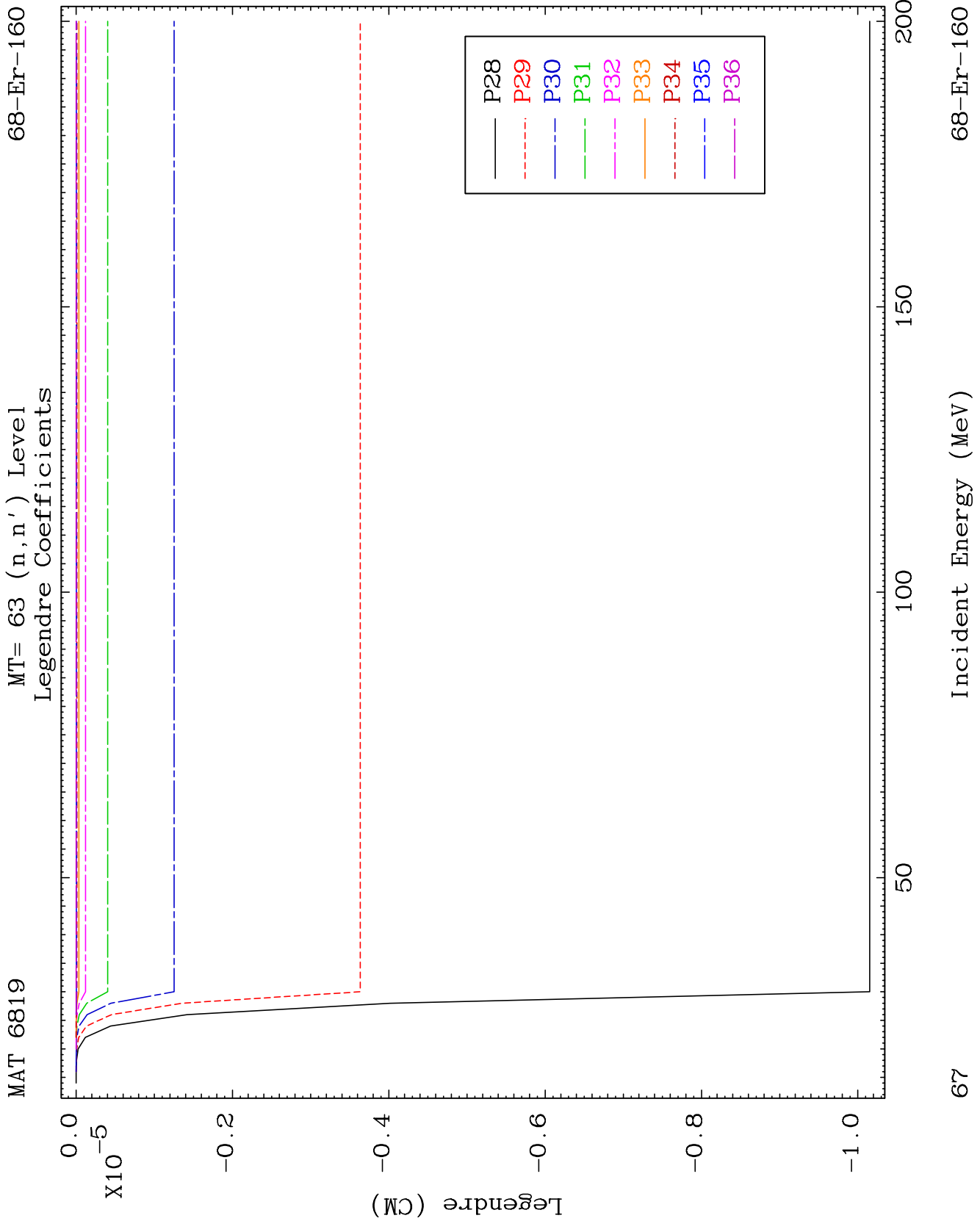
68-Er-160



66

Incident Energy (MeV)

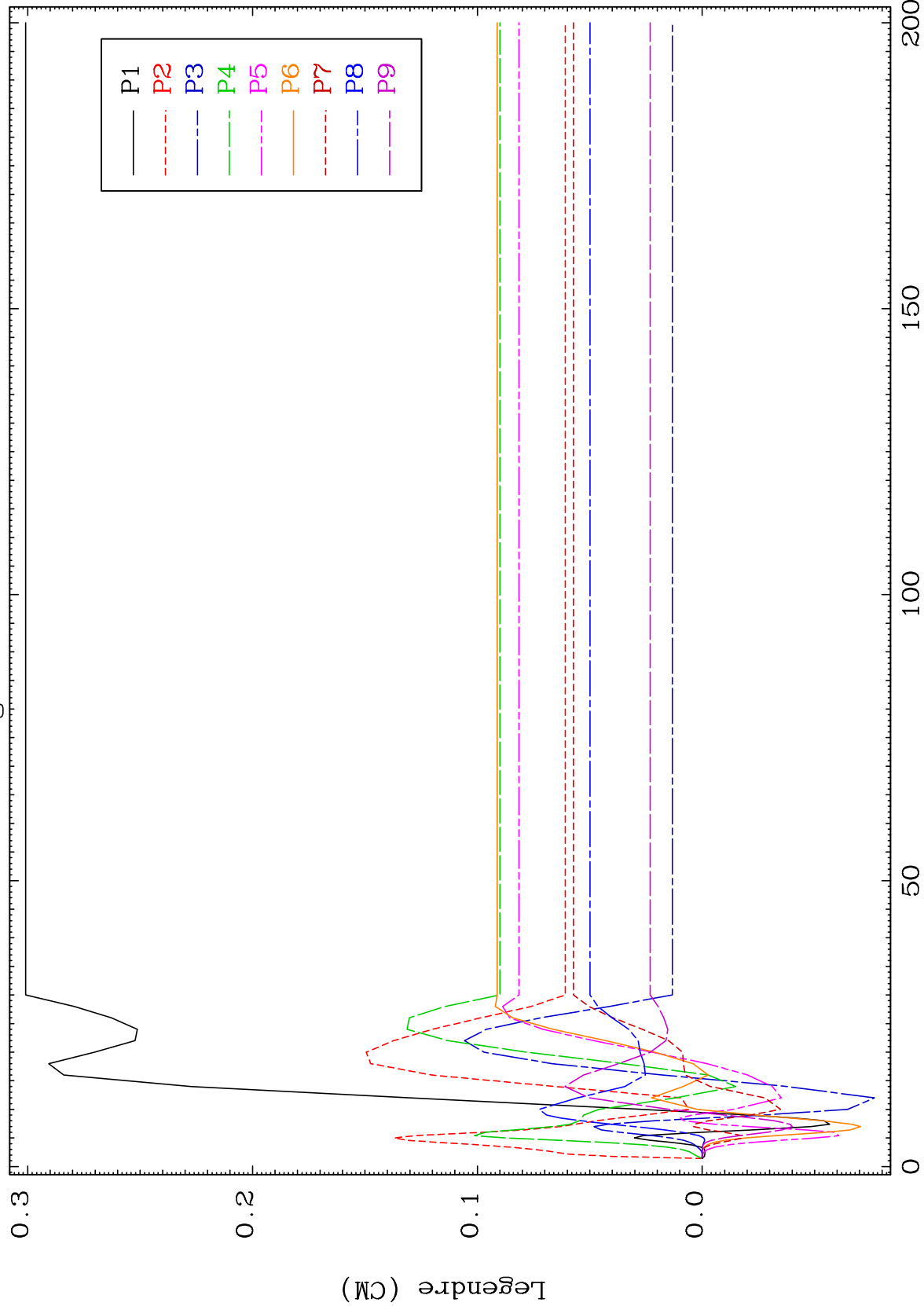
68-Er-160



MAT 6819

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

68-Er-160



68

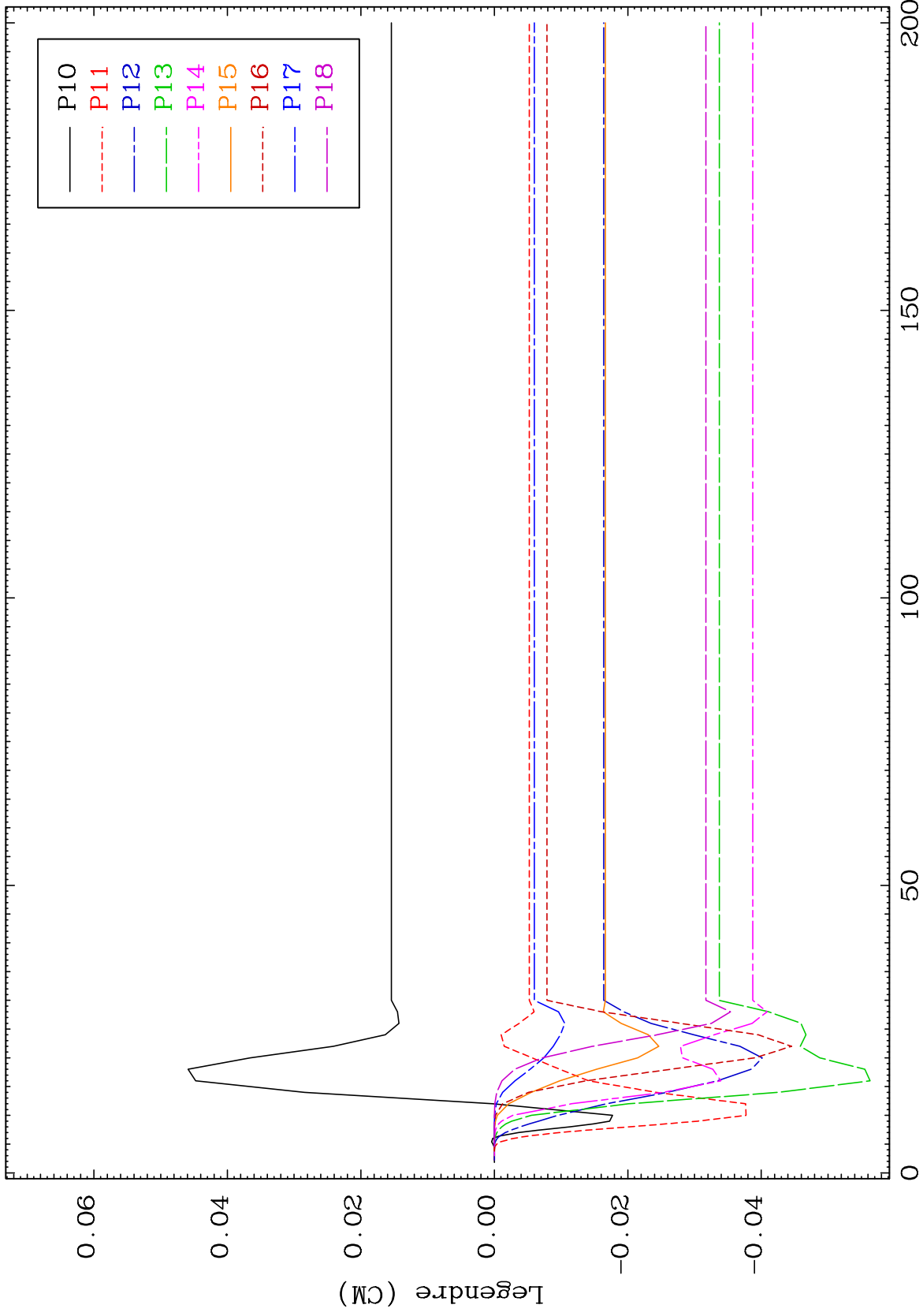
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



69

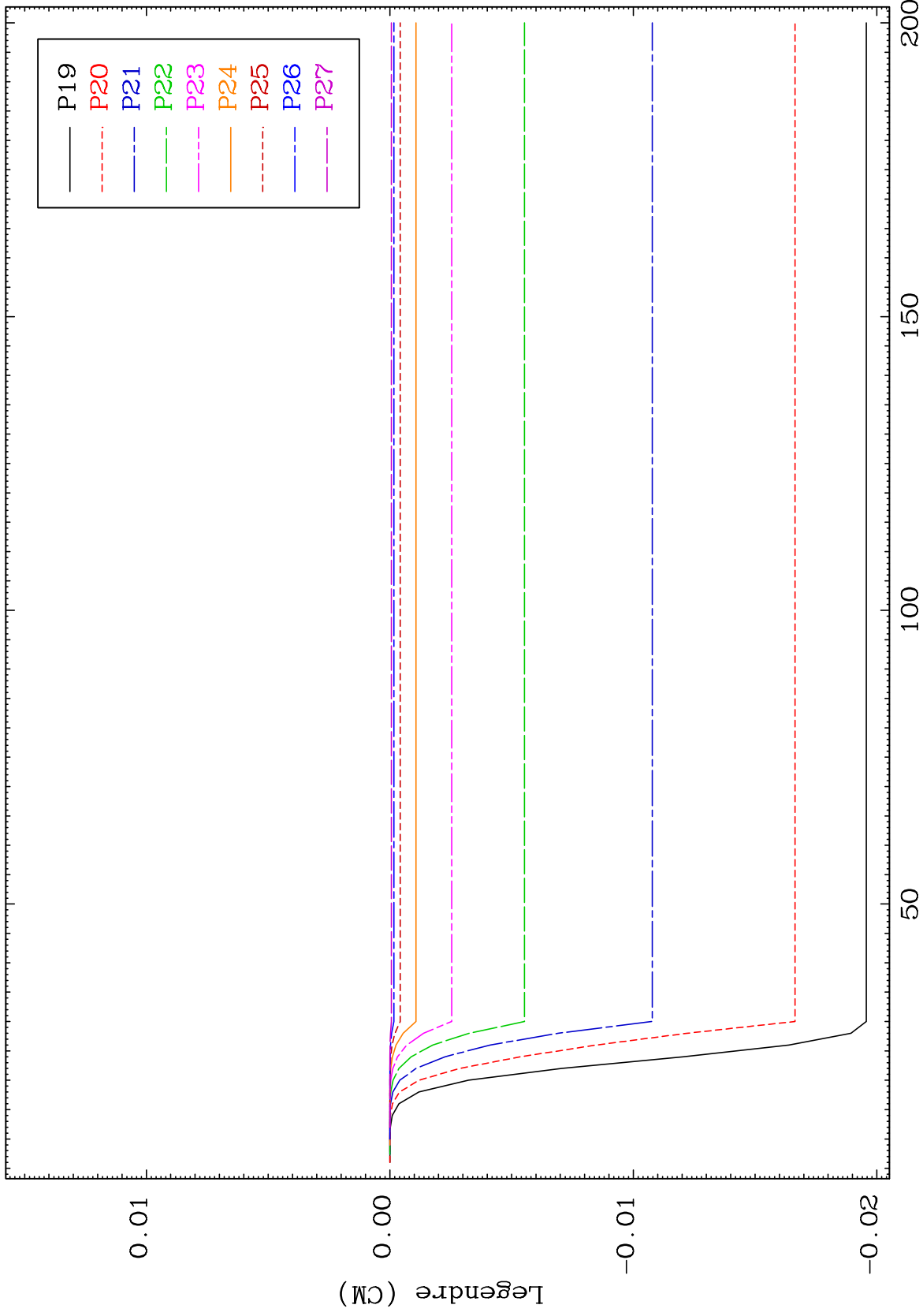
Incident Energy (MeV)

68-Er-160

MAT 6819

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

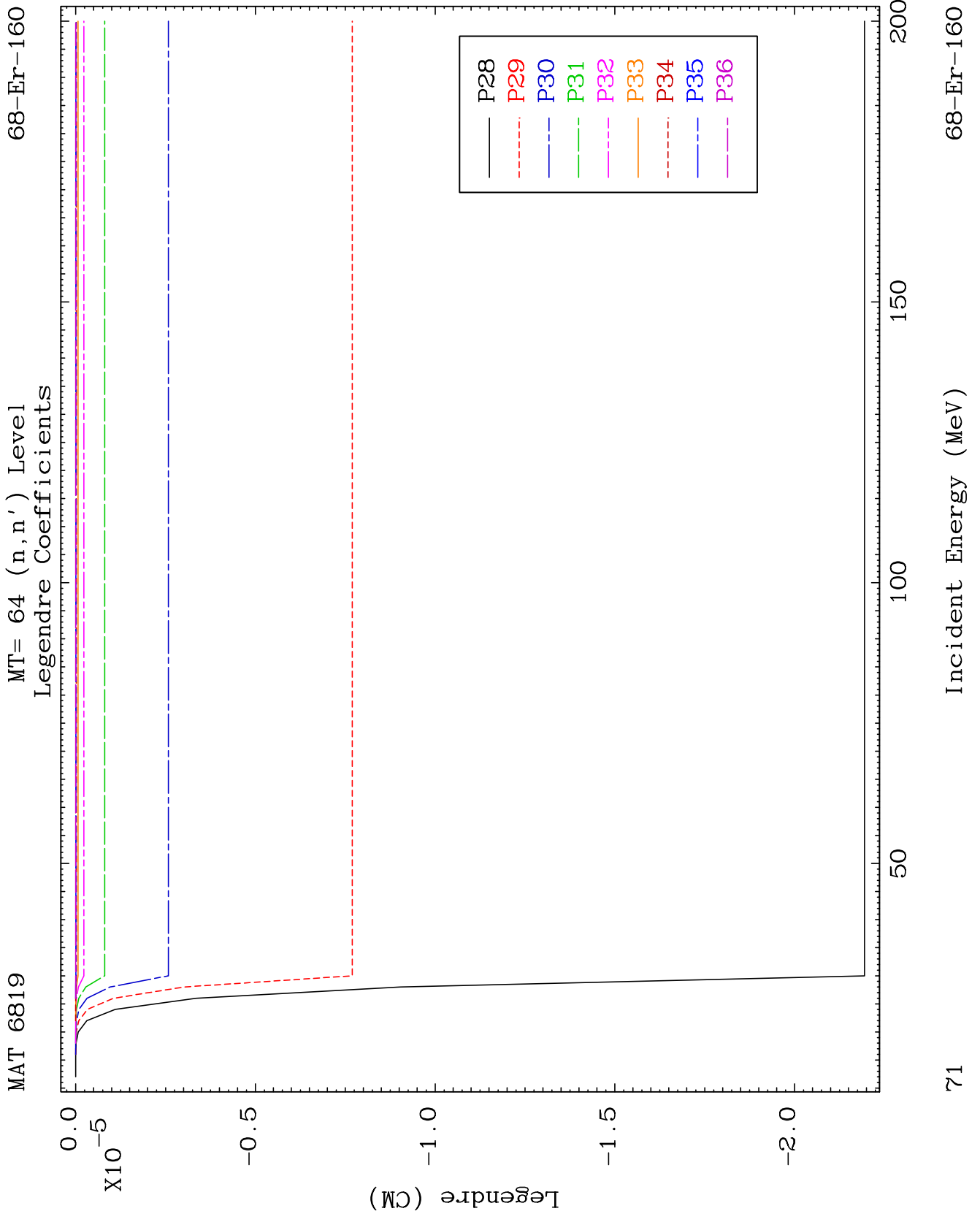
68-Er-160



70

Incident Energy (MeV)

68-Er-160

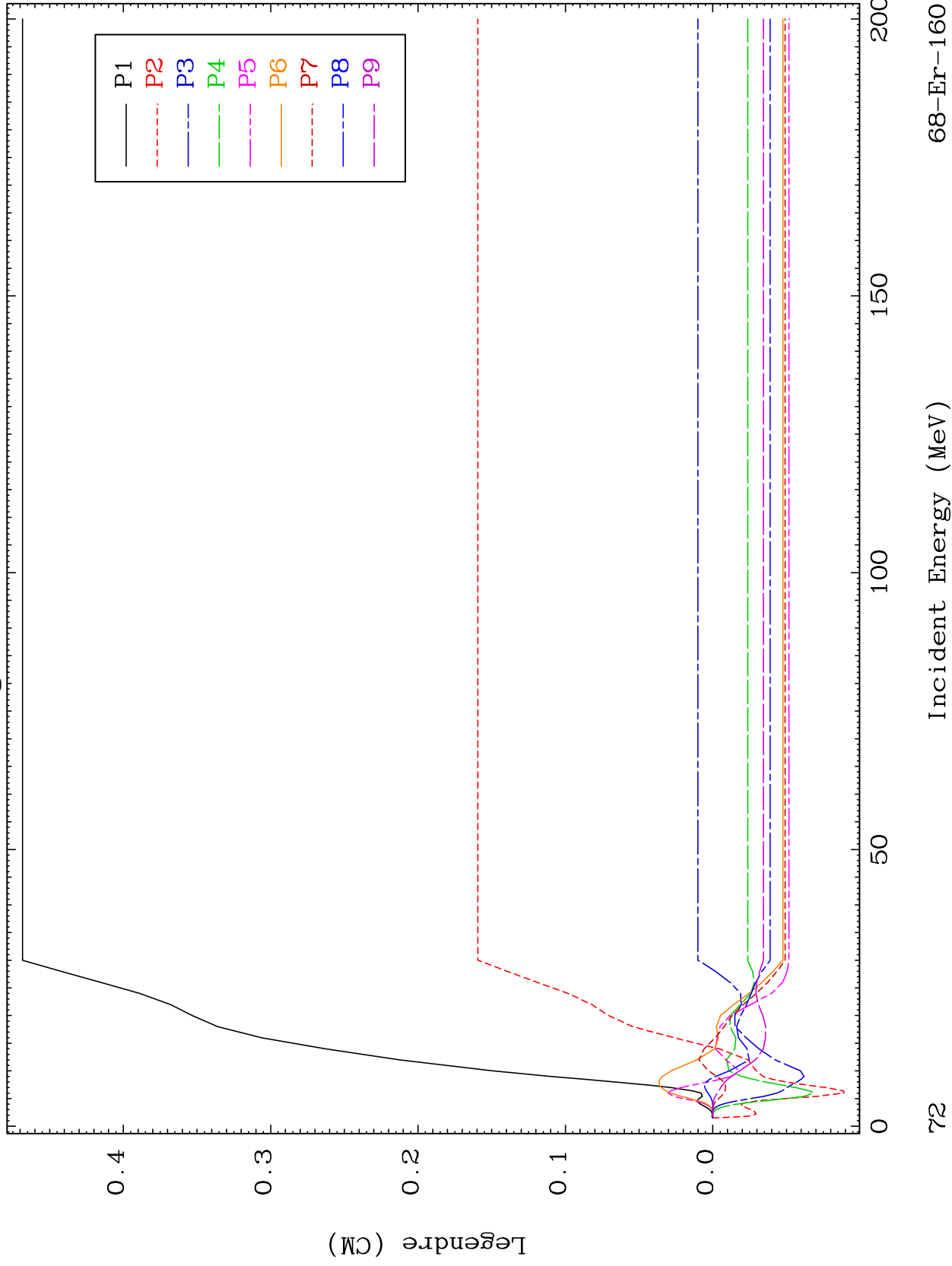




MAT 6819

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

68-Er-160



72

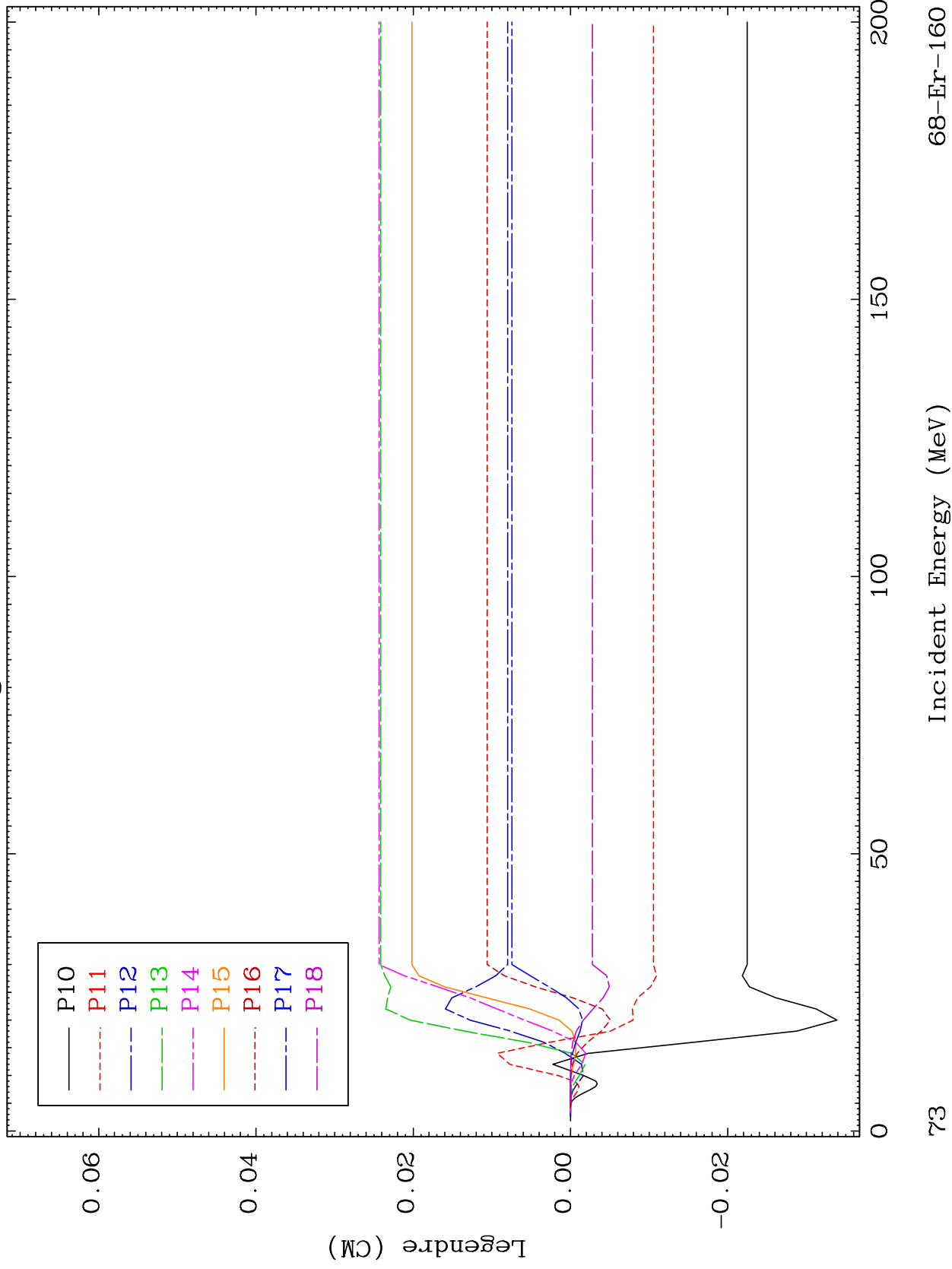
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



73

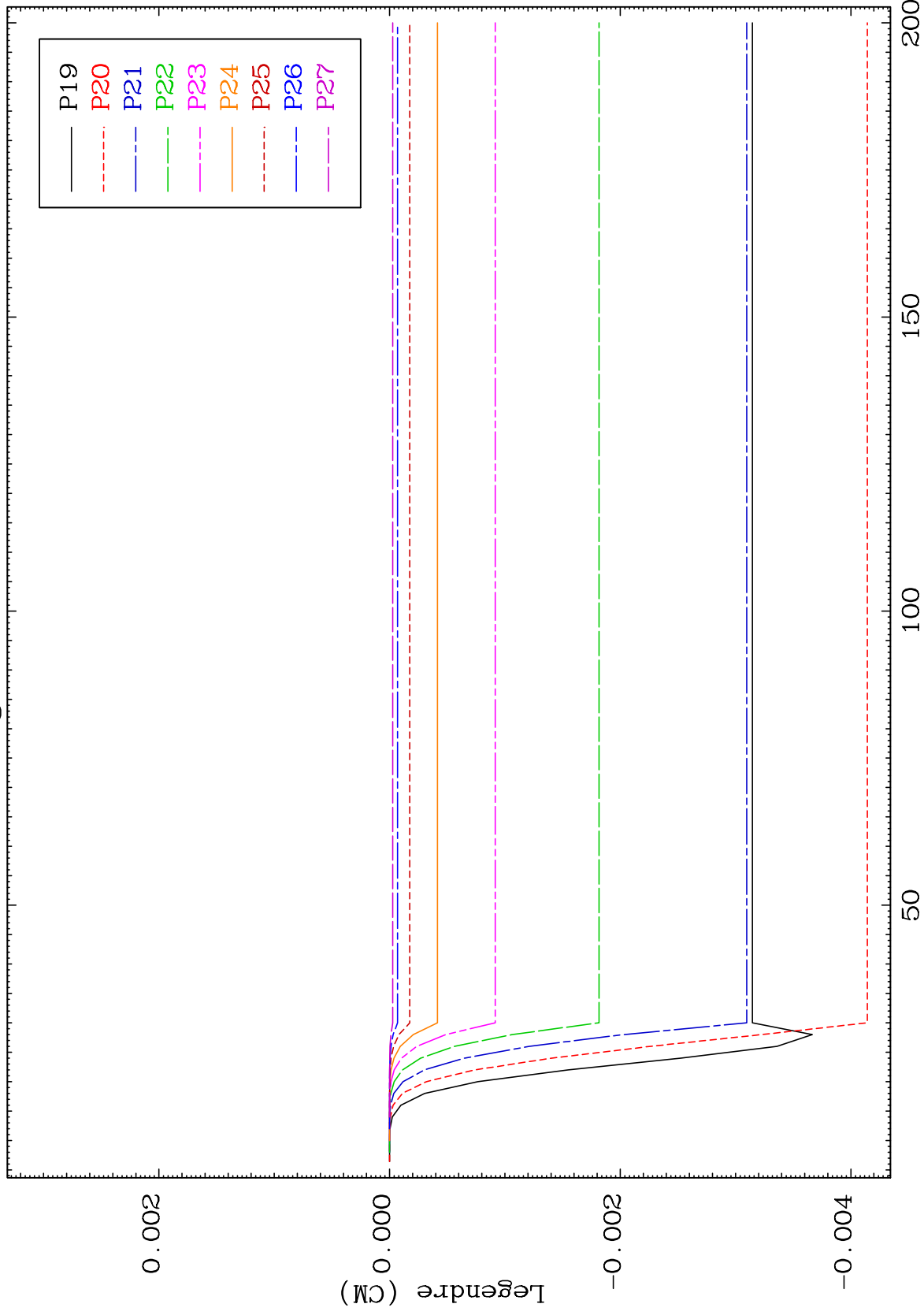
Incident Energy (MeV)

68-Er-160

MAT 6819

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

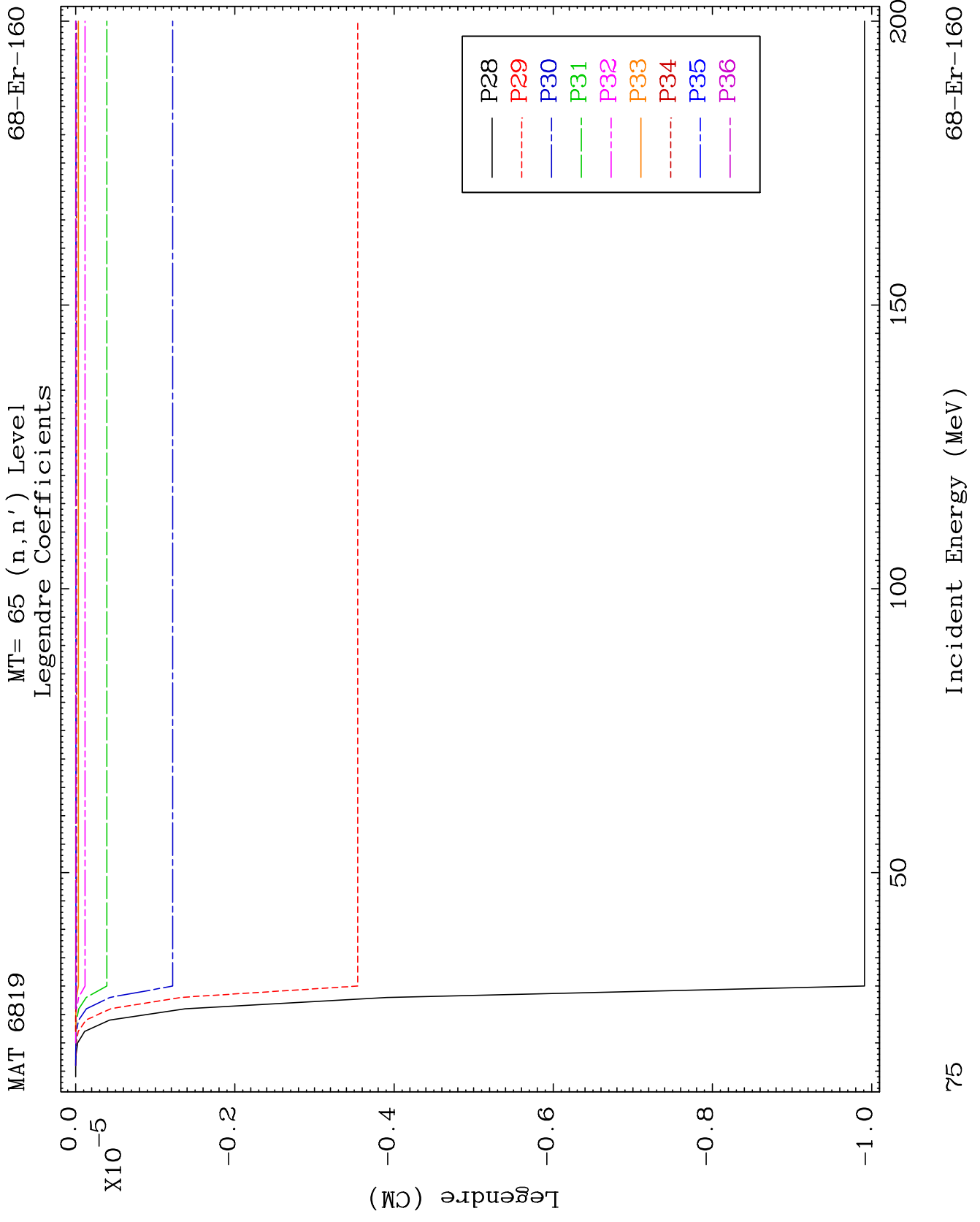
68-Er-160



74

Incident Energy (MeV)

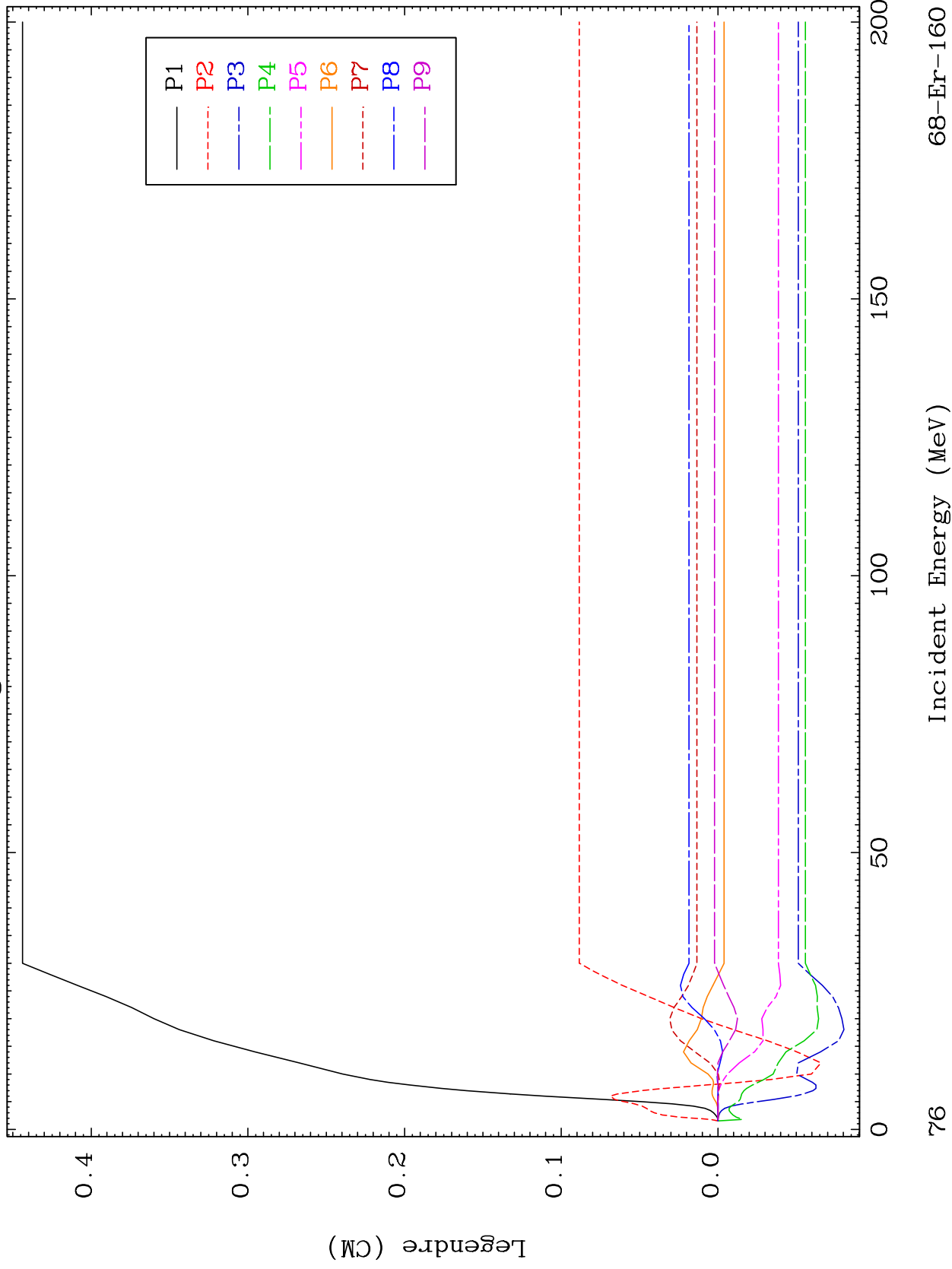
68-Er-160



MAT 6819

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

68-Er-160

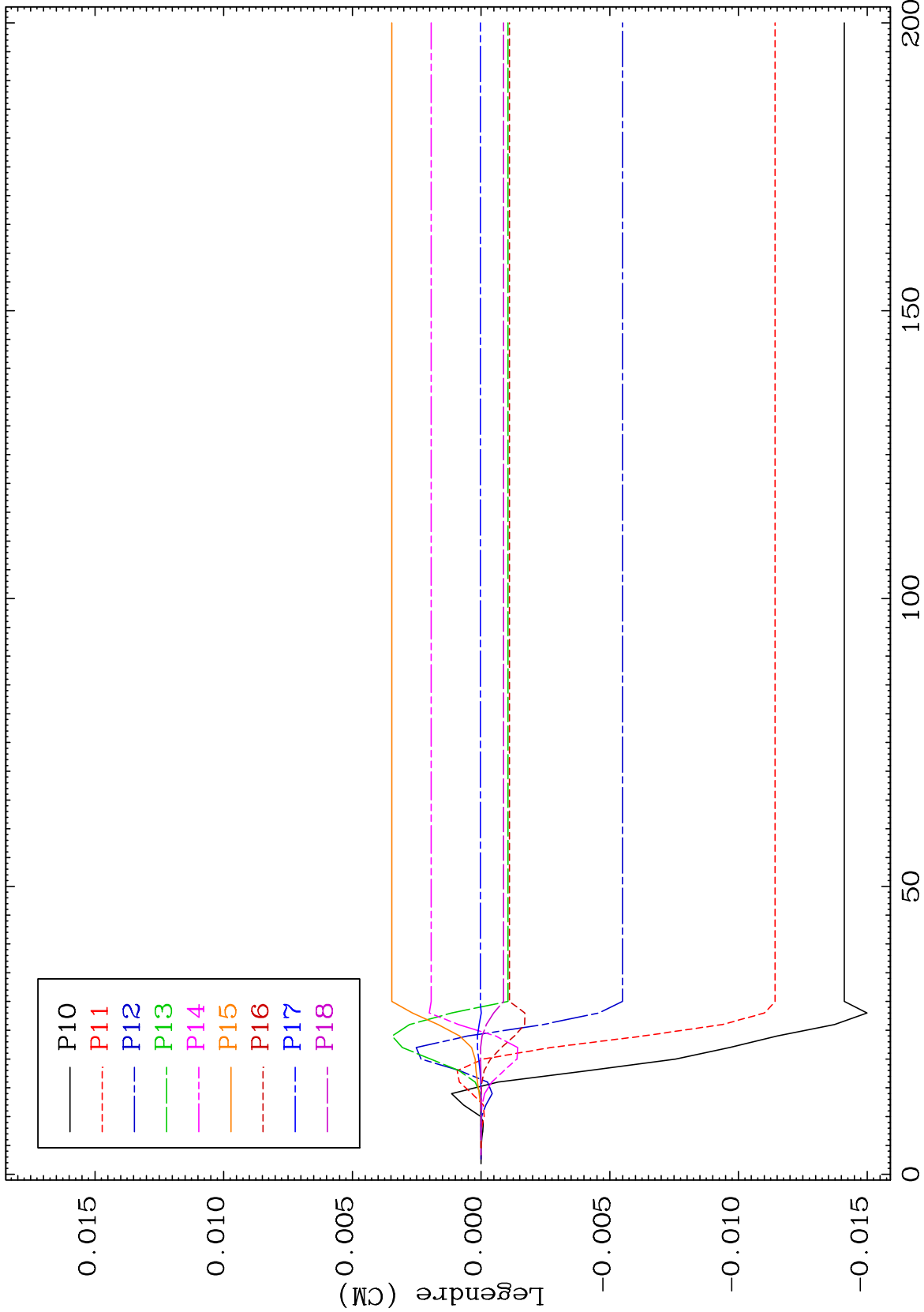


68-Er-160

MAT 6819

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

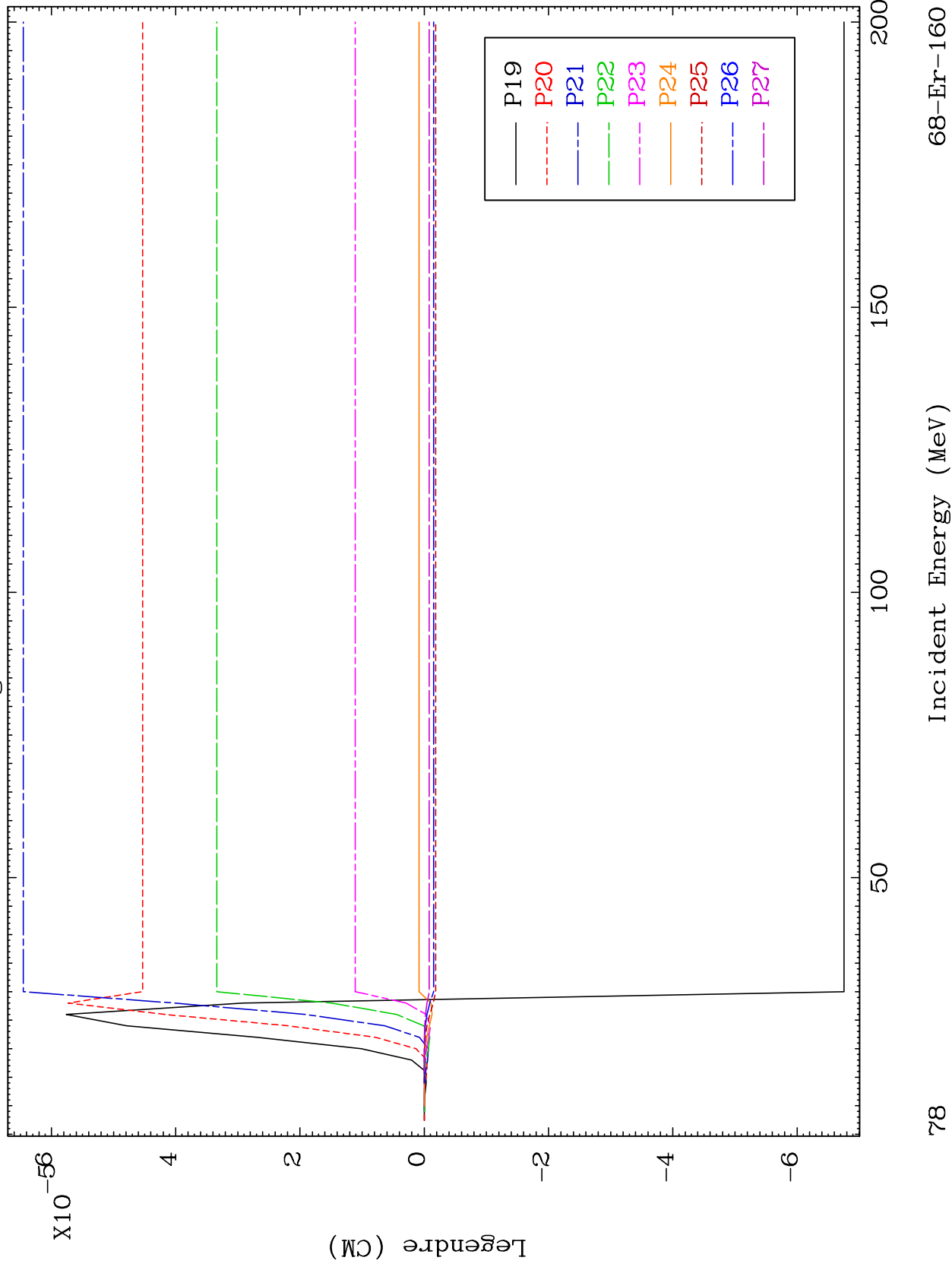
68-Er-160



MAT 6819

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

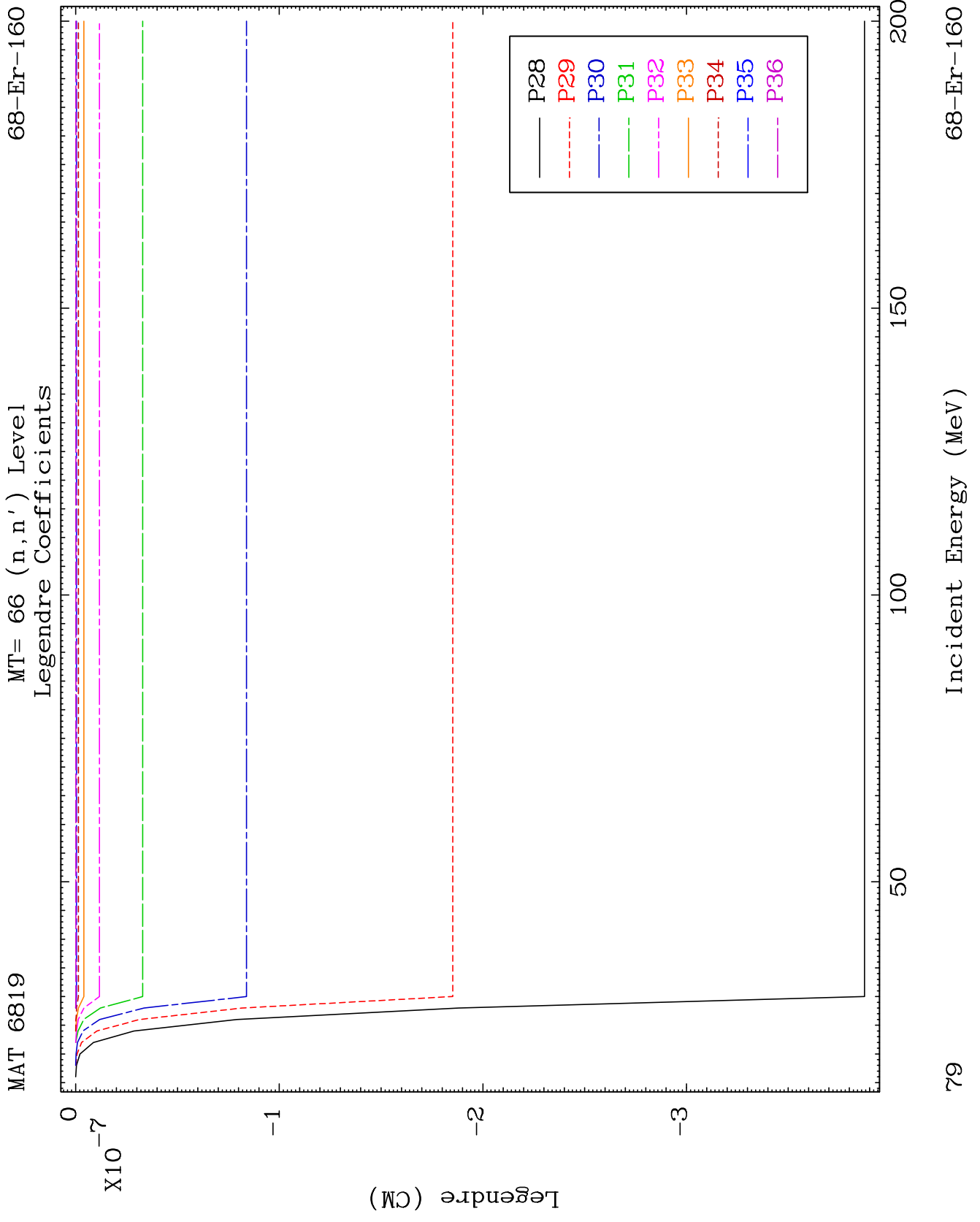
68-Er-160



78

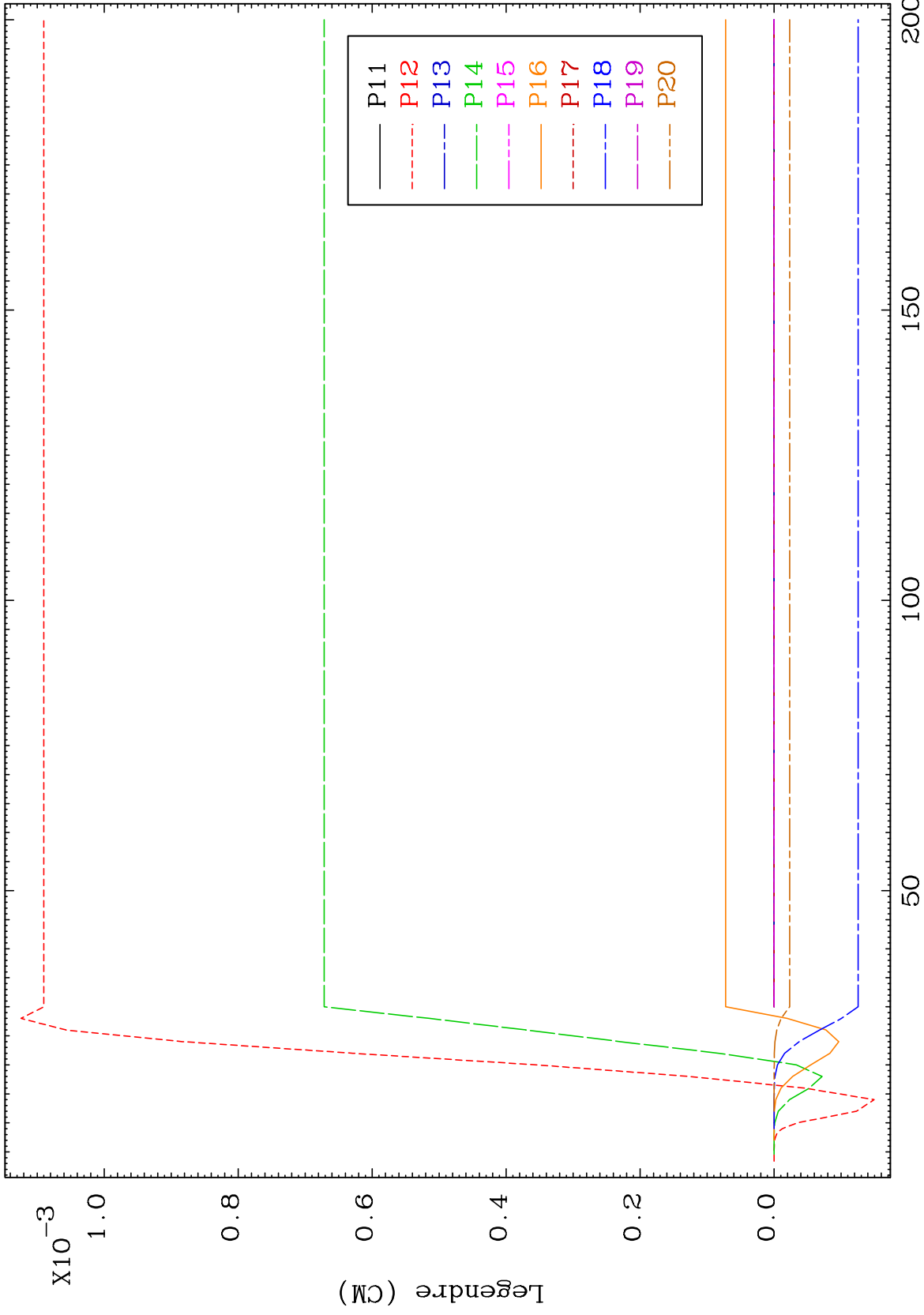
Incident Energy (MeV)

68-Er-160







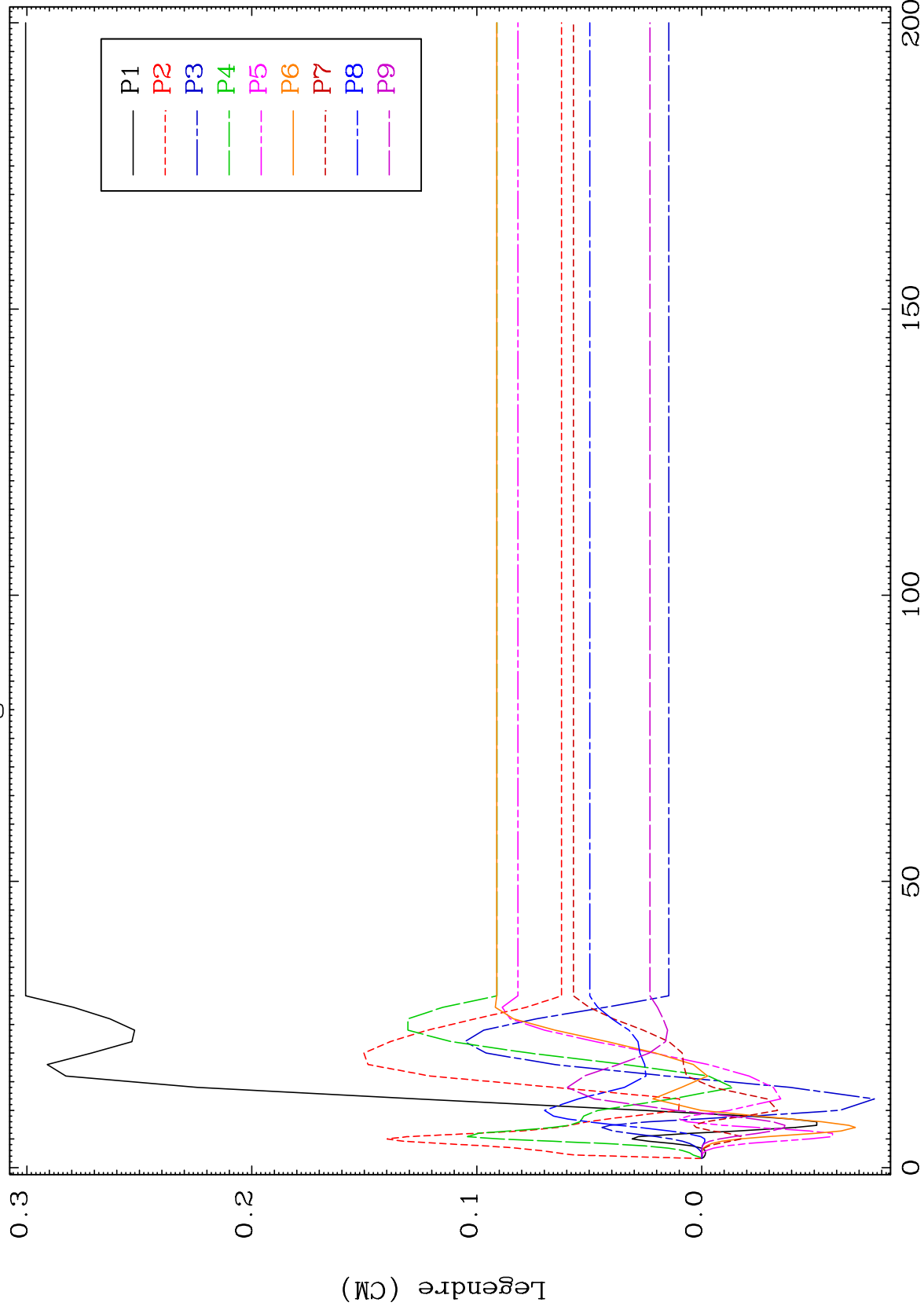




MAT 6819

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

68-Er-160



83

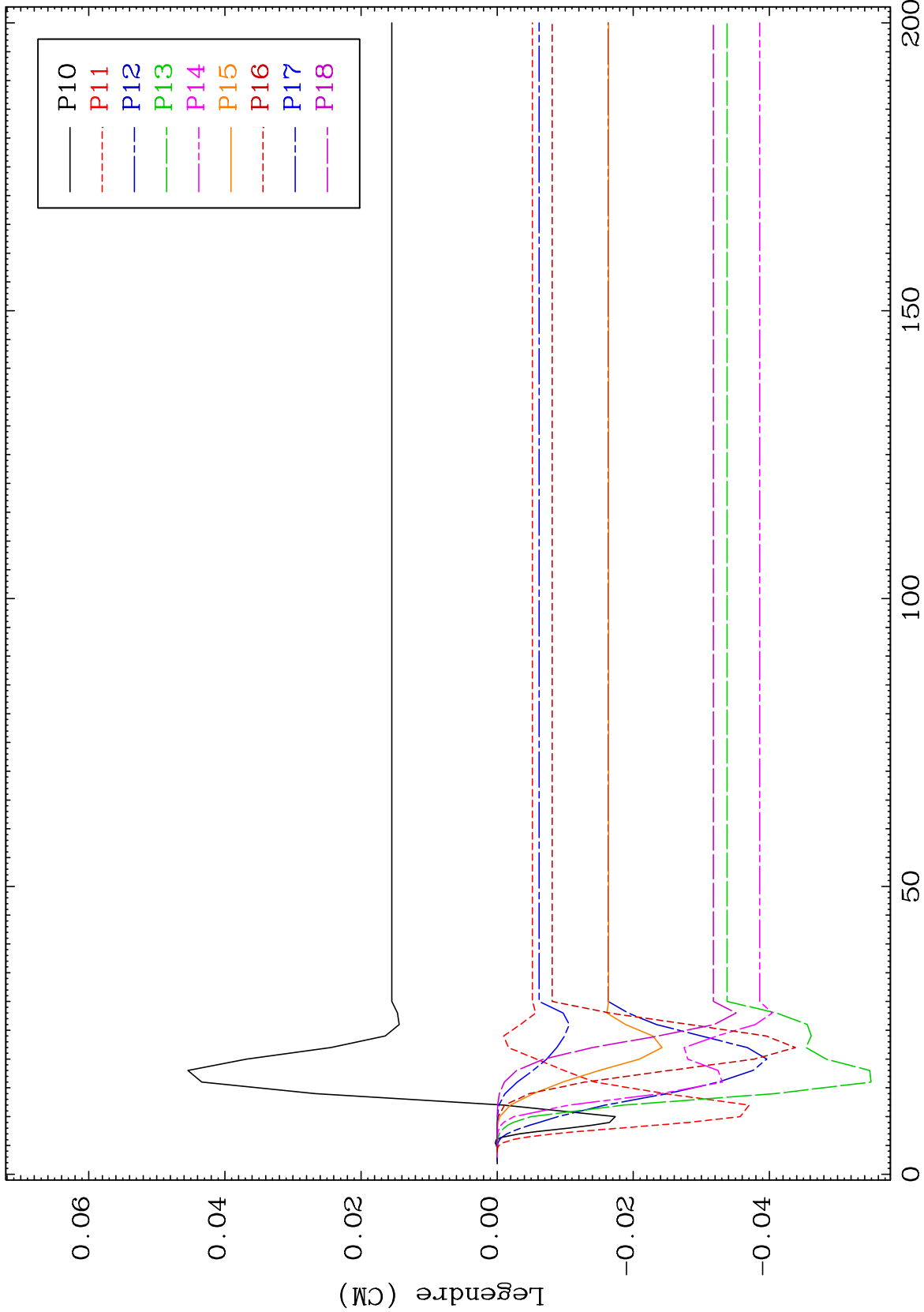
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



84

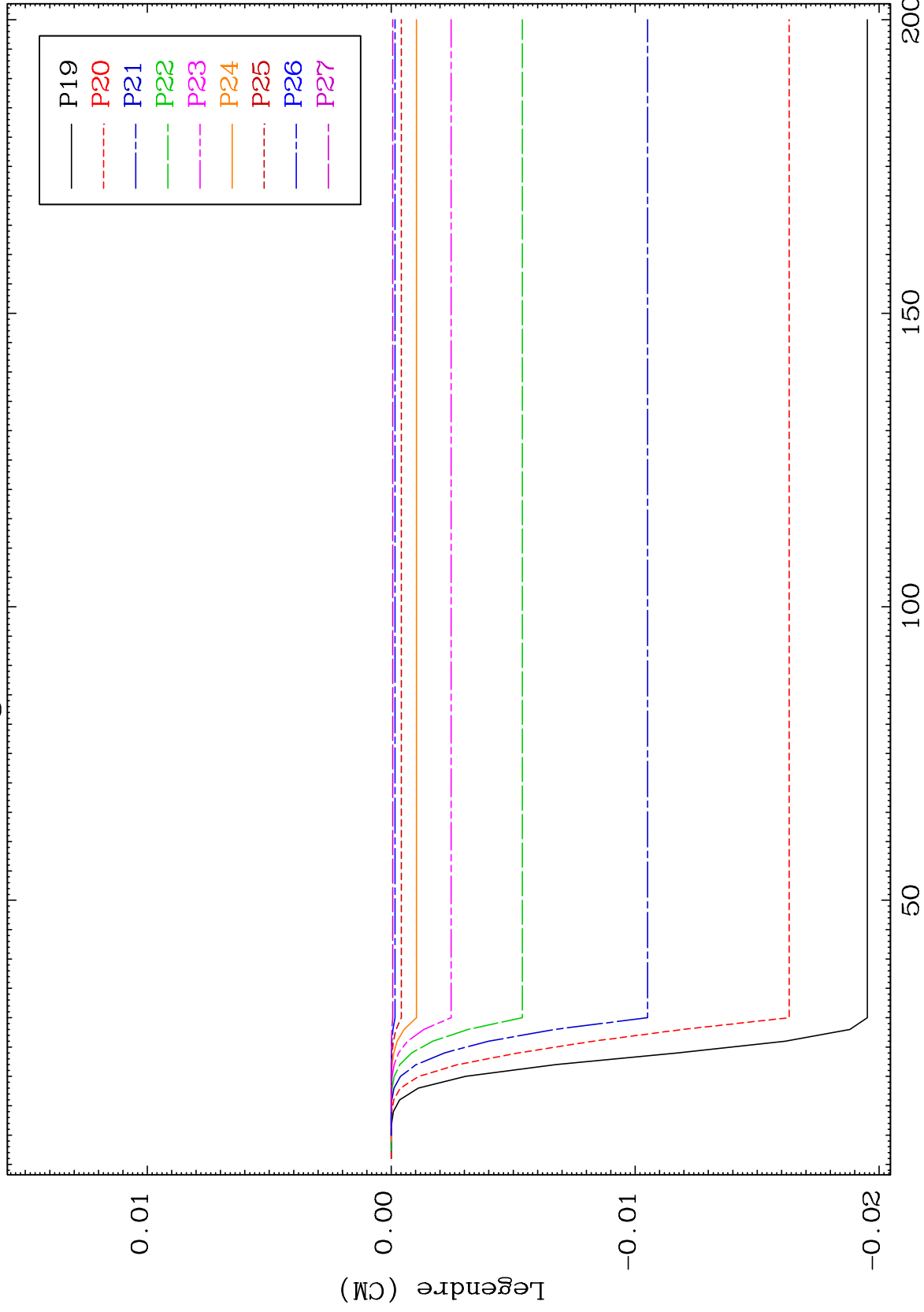
Incident Energy (MeV)

68-Er-160

MAT 6819

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

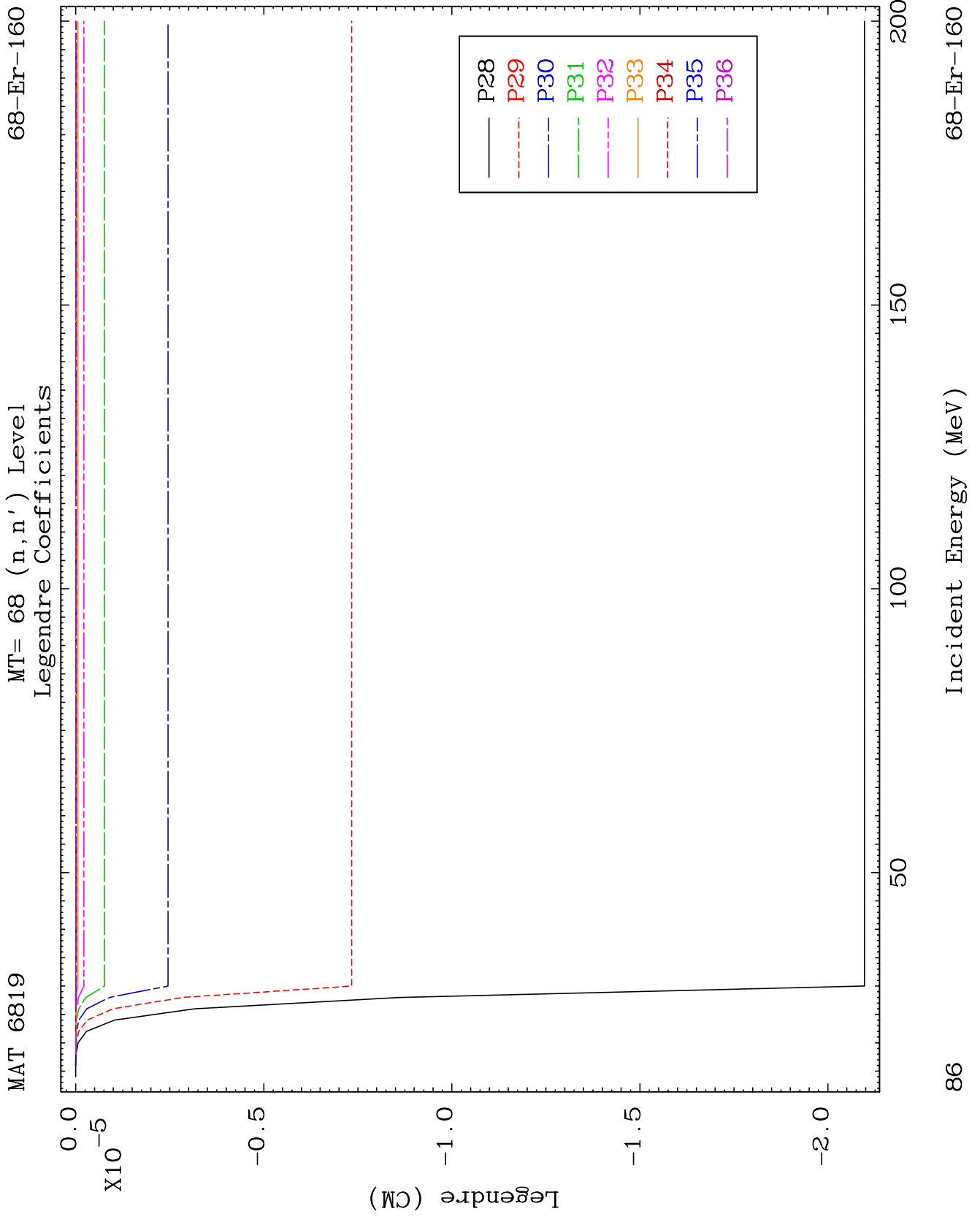
68-Er-160



85

Incident Energy (MeV)

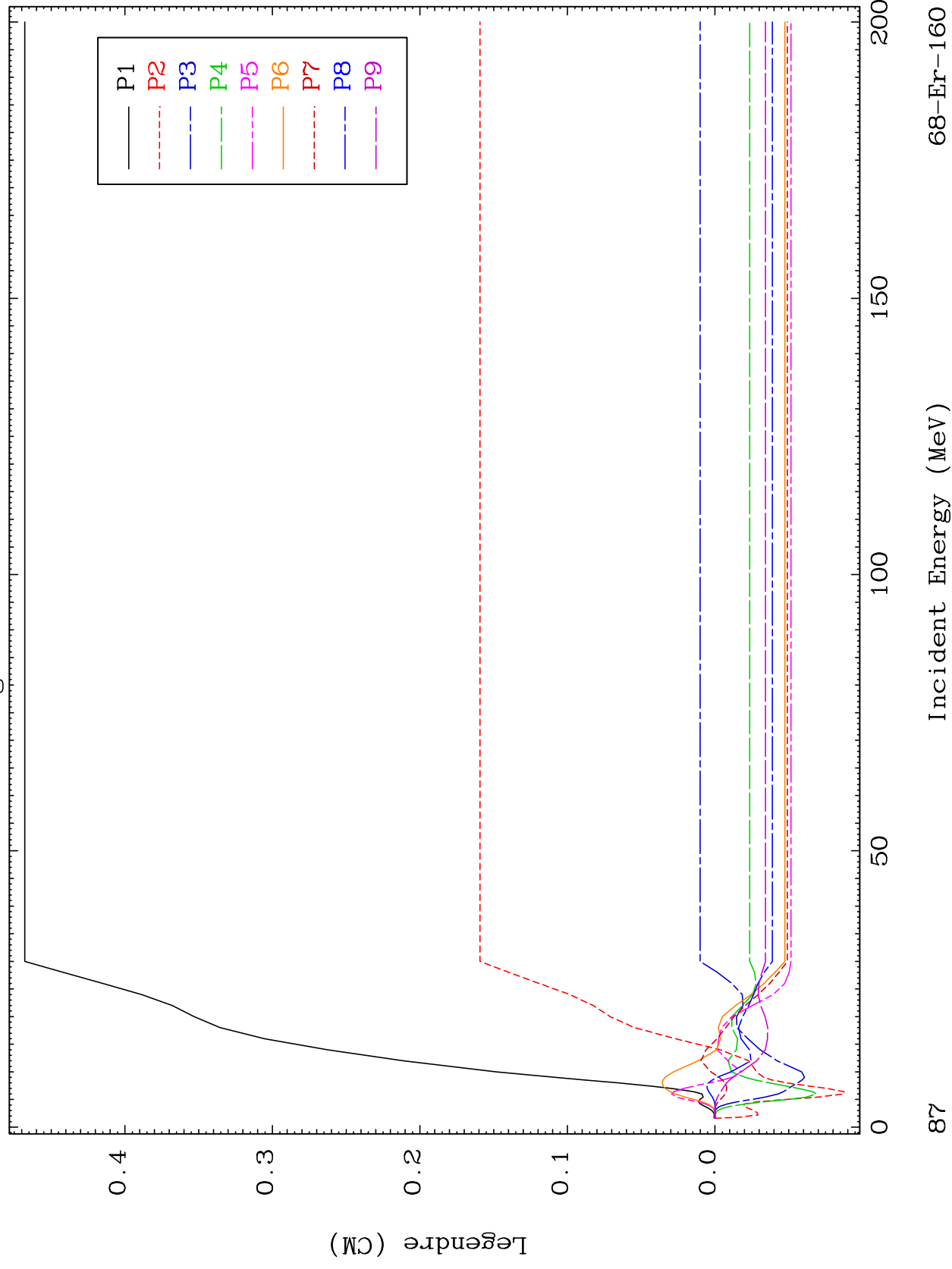
68-Er-160



MAT 6819

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

68-Er-160



68-Er-160

Incident Energy (MeV)

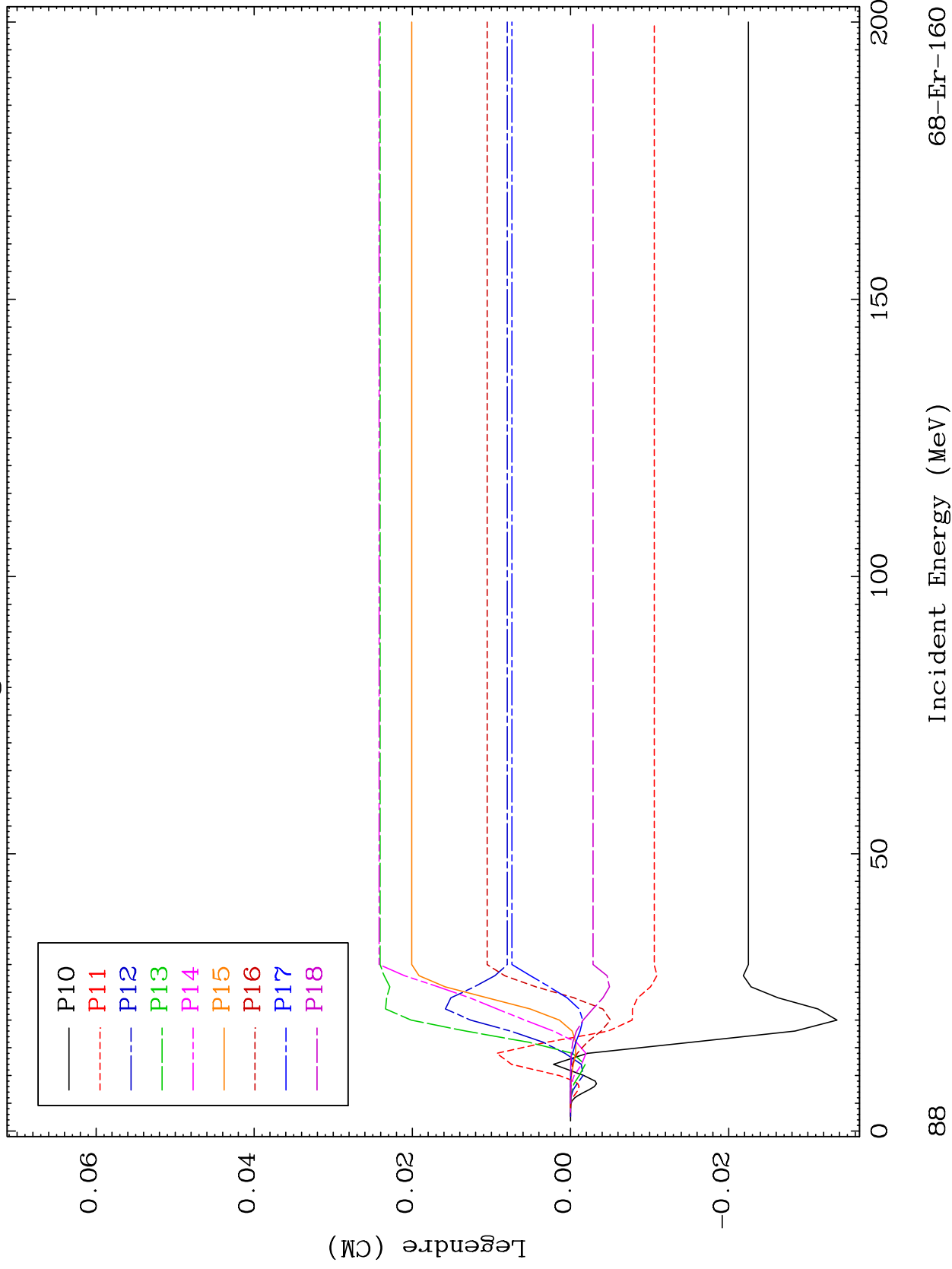
87



MAT 6819

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

68-Er-160



88

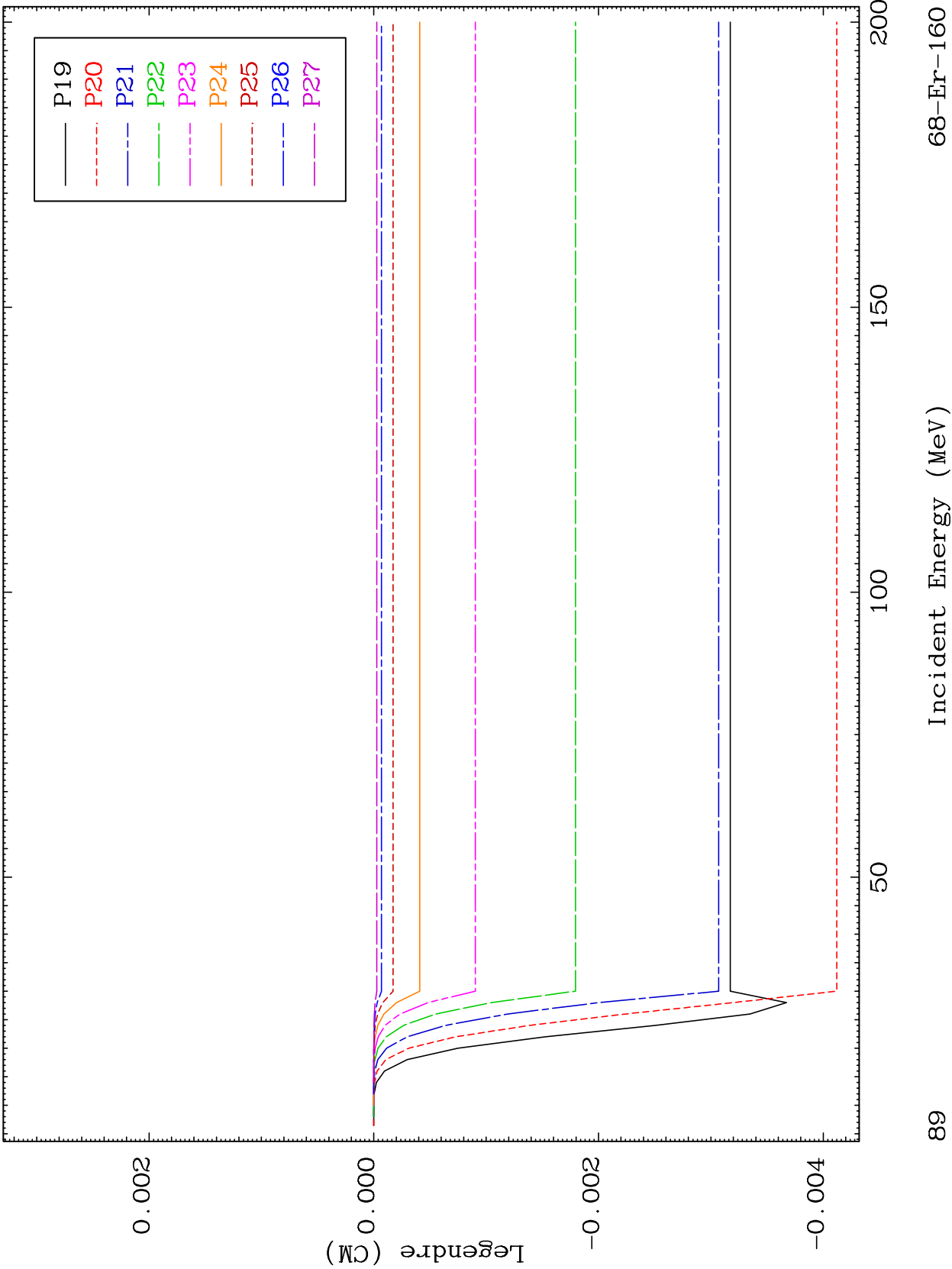
Incident Energy (MeV)

68-Er-160

MAT 6819

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

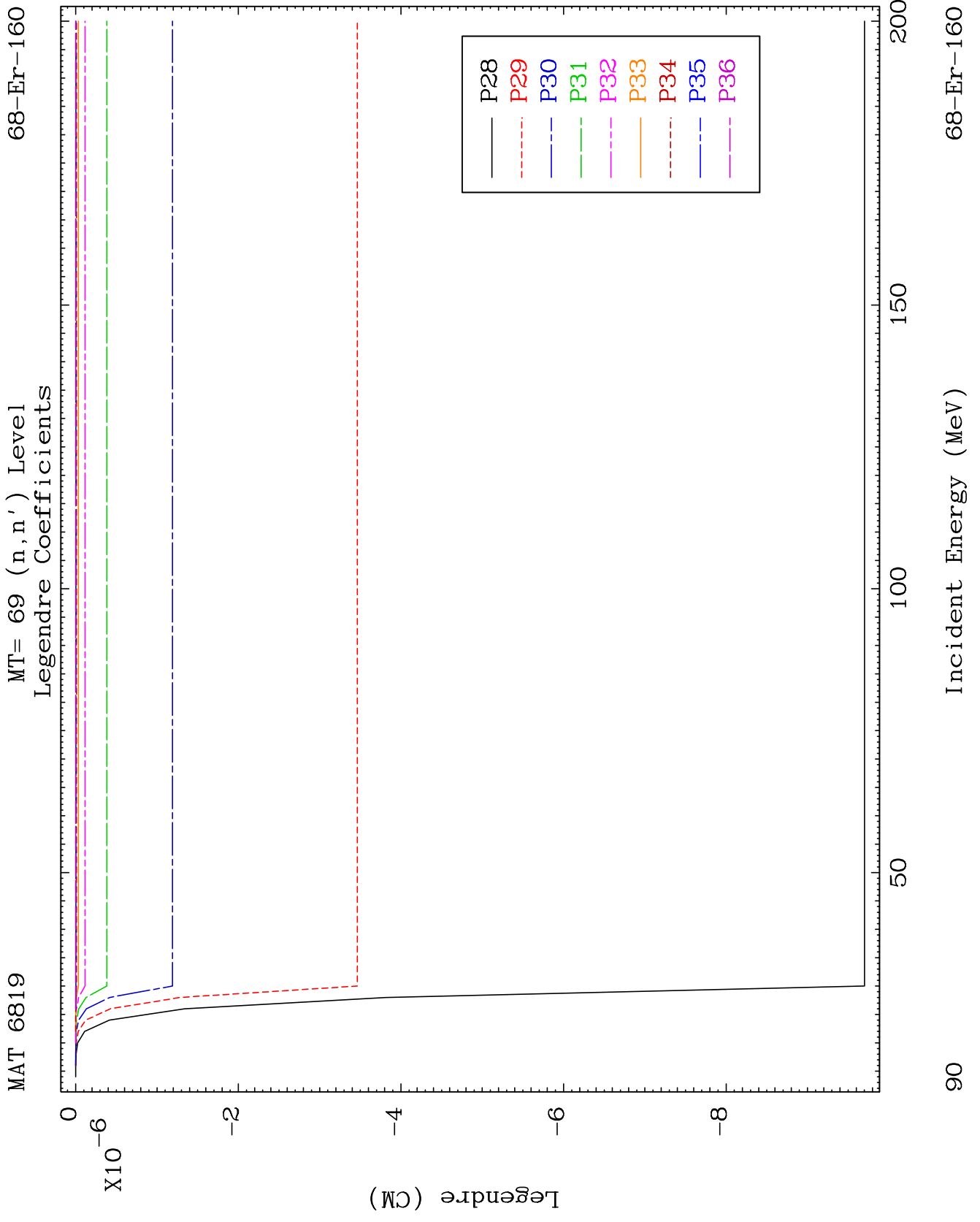
68-Er-160



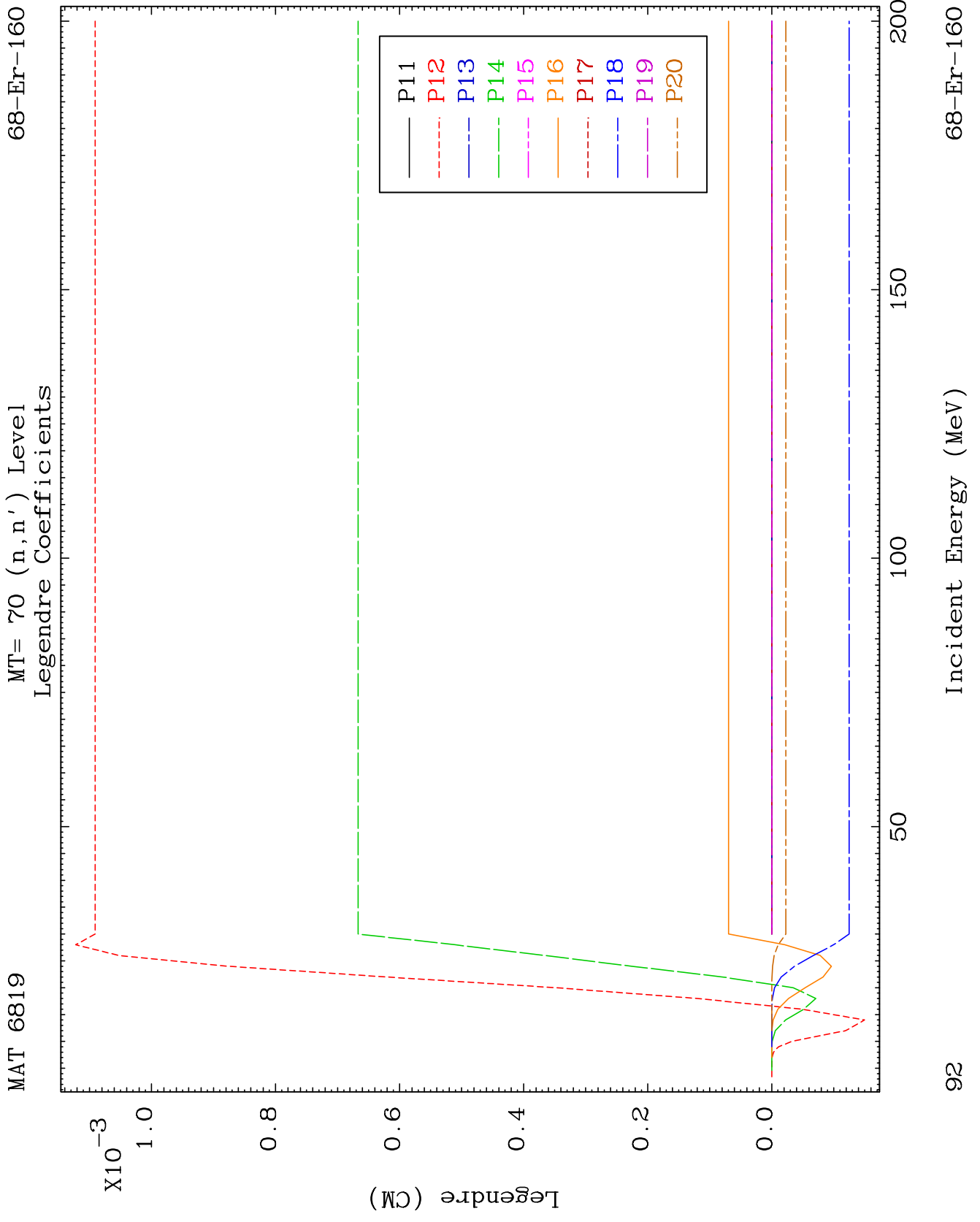
89

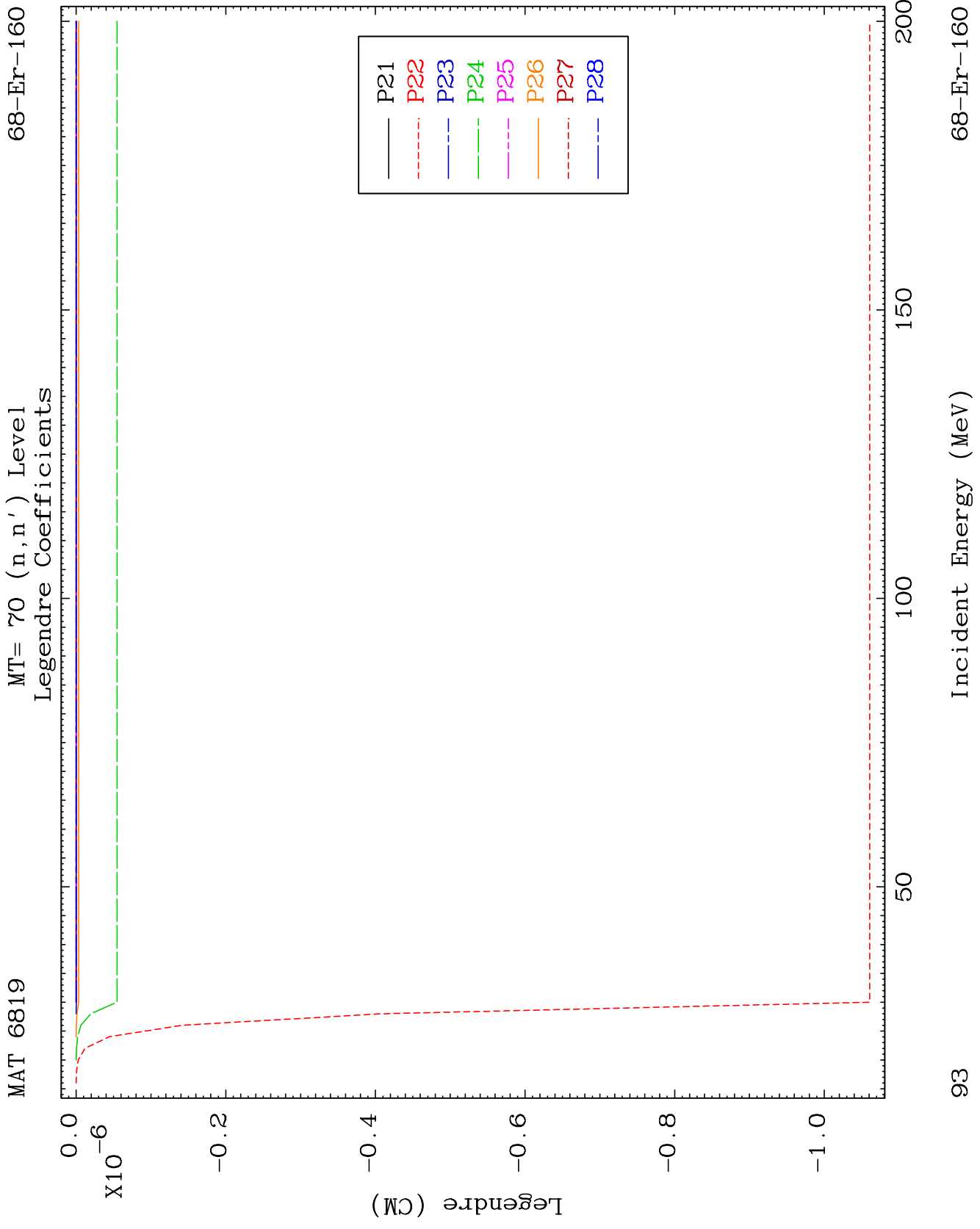
Incident Energy (MeV)

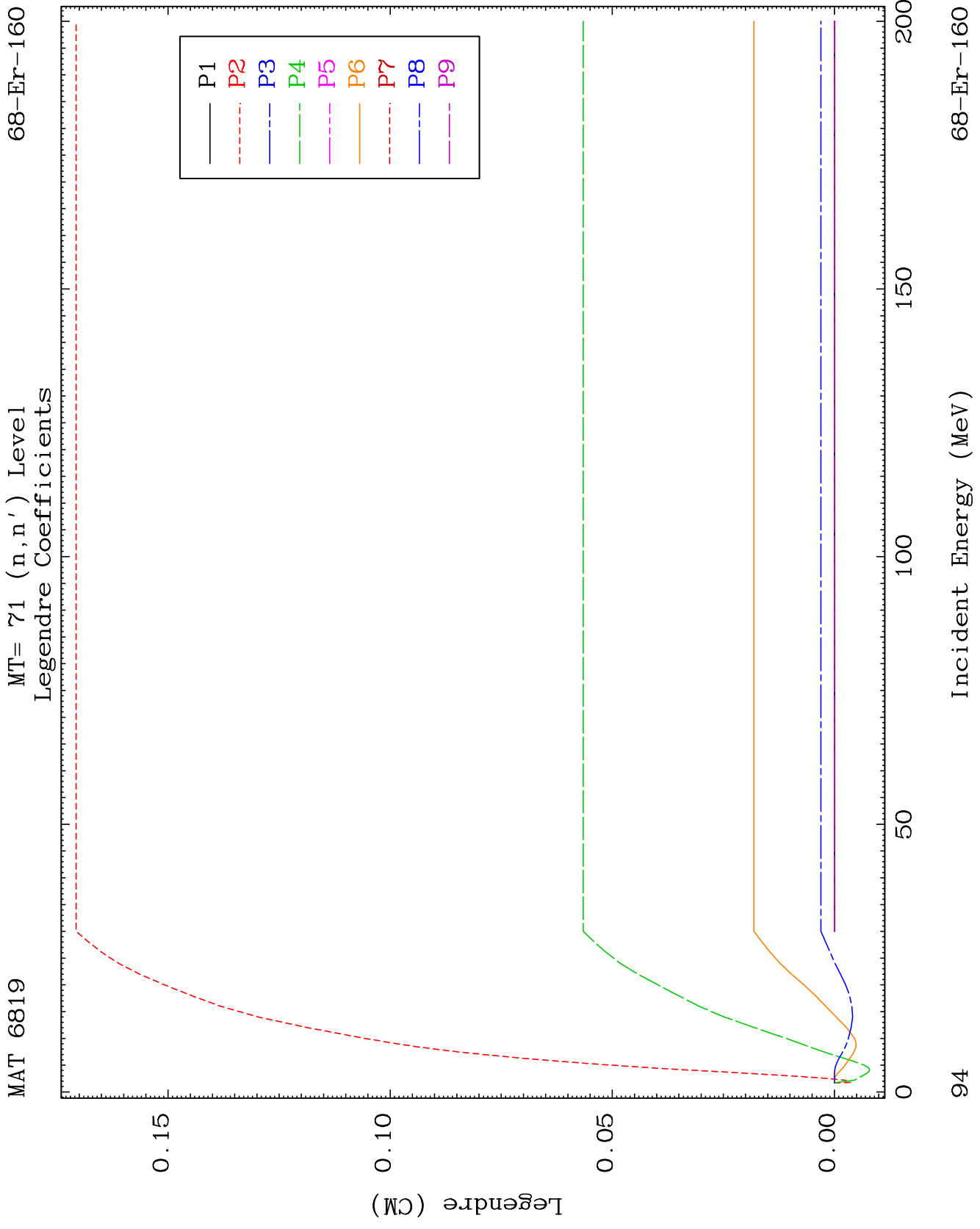
68-Er-160







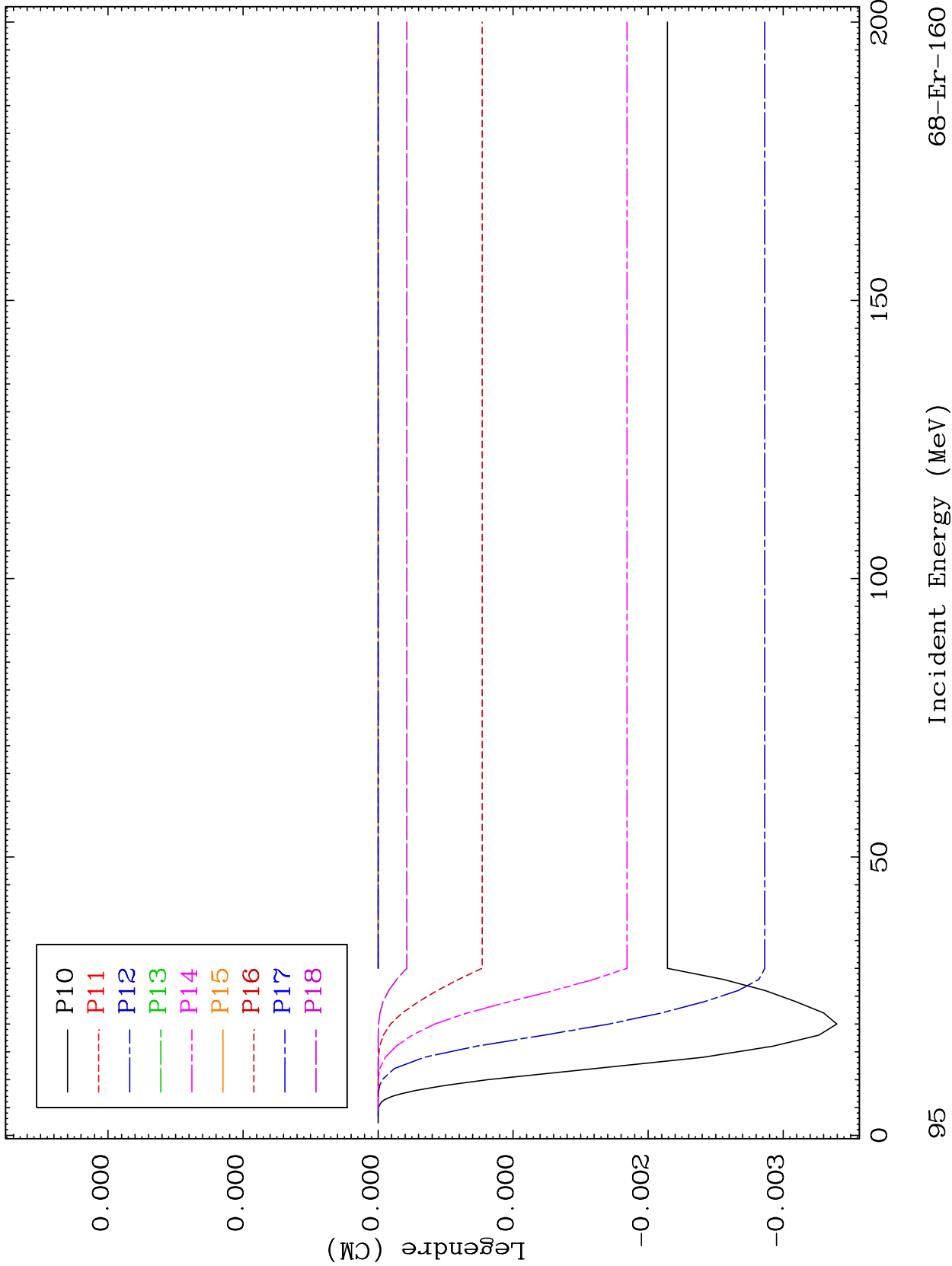




MAT 6819

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

68-Er-160

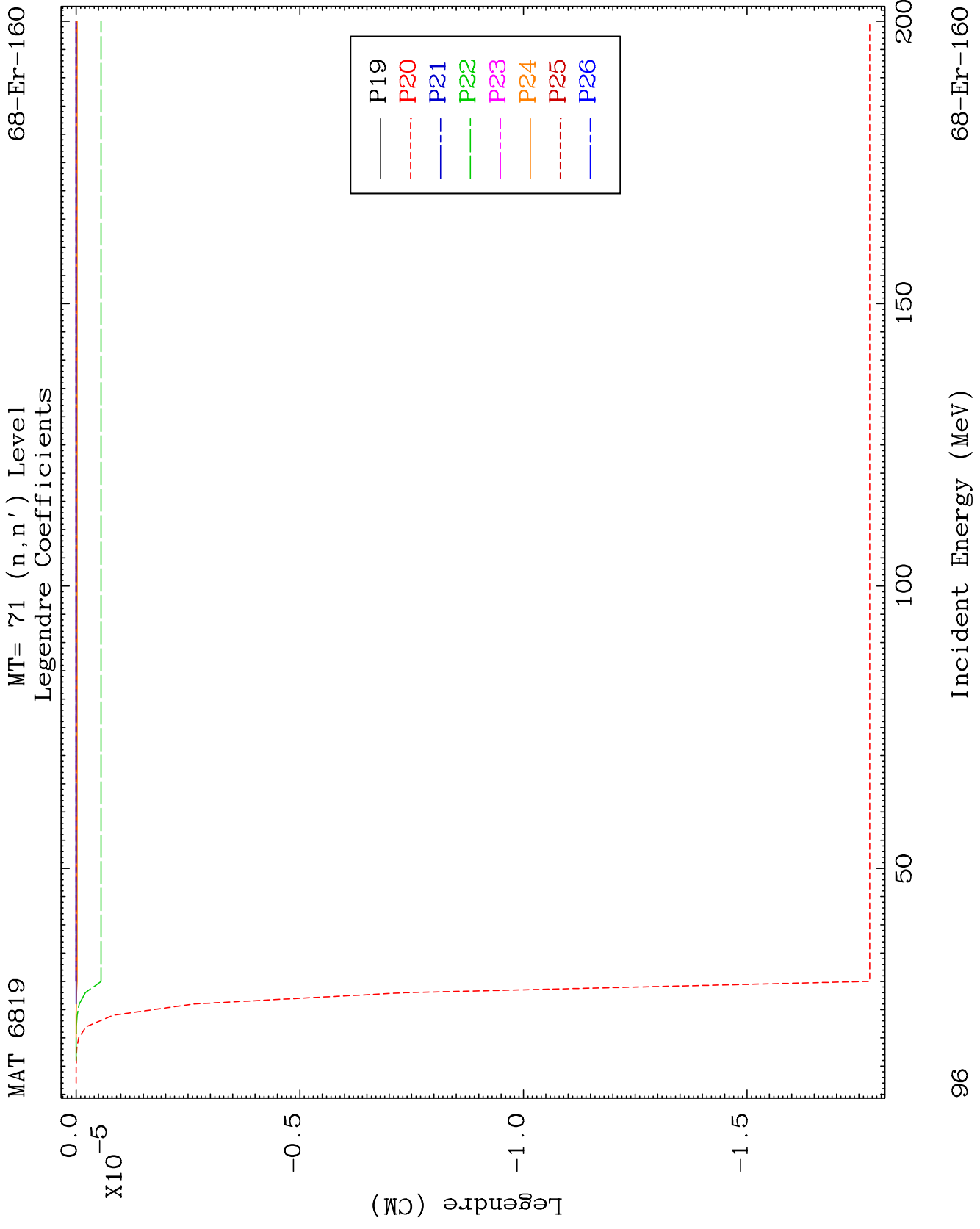


68-Er-160

Incident Energy (MeV)

95

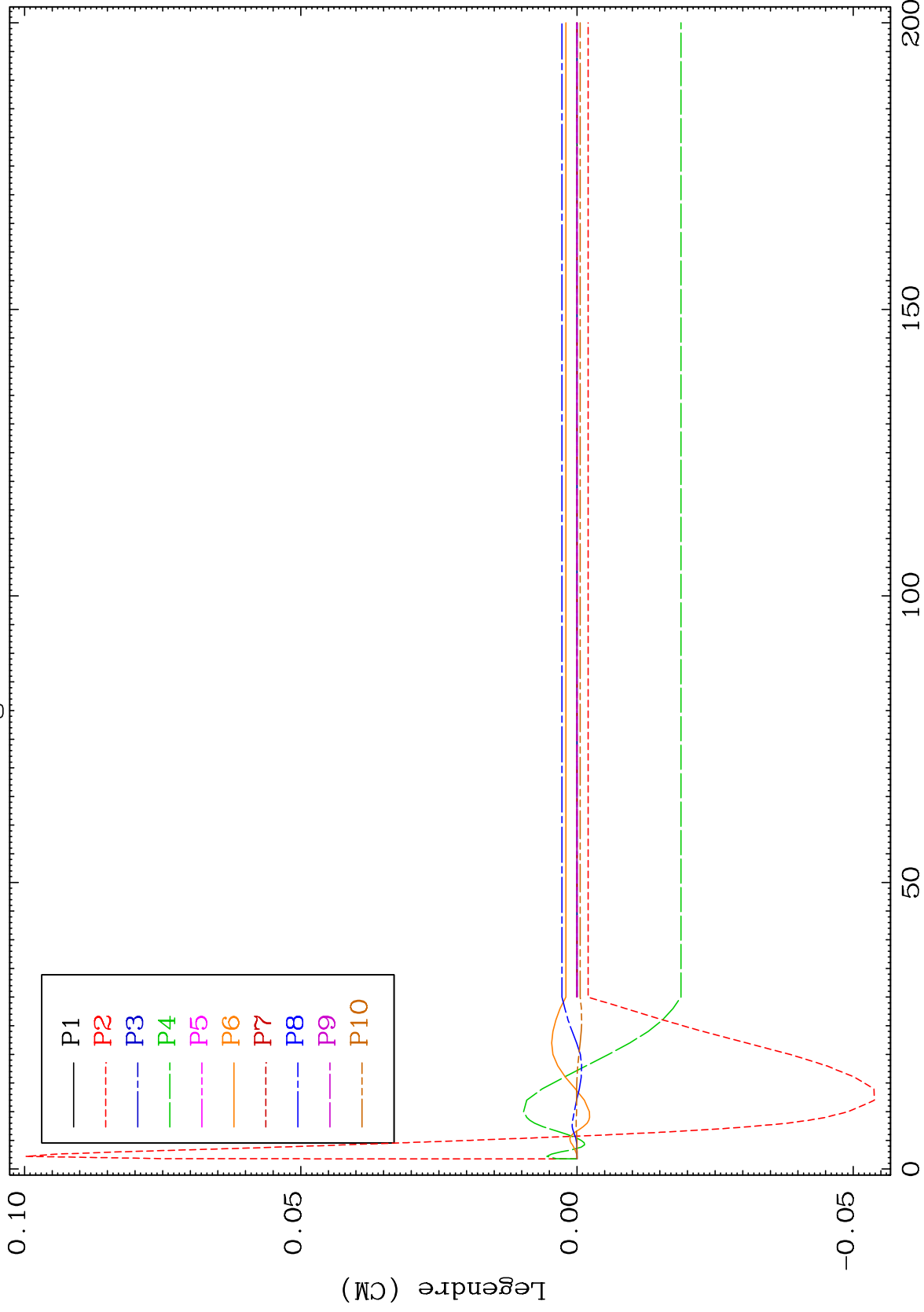




MAT 6819

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

68-Er-160



97

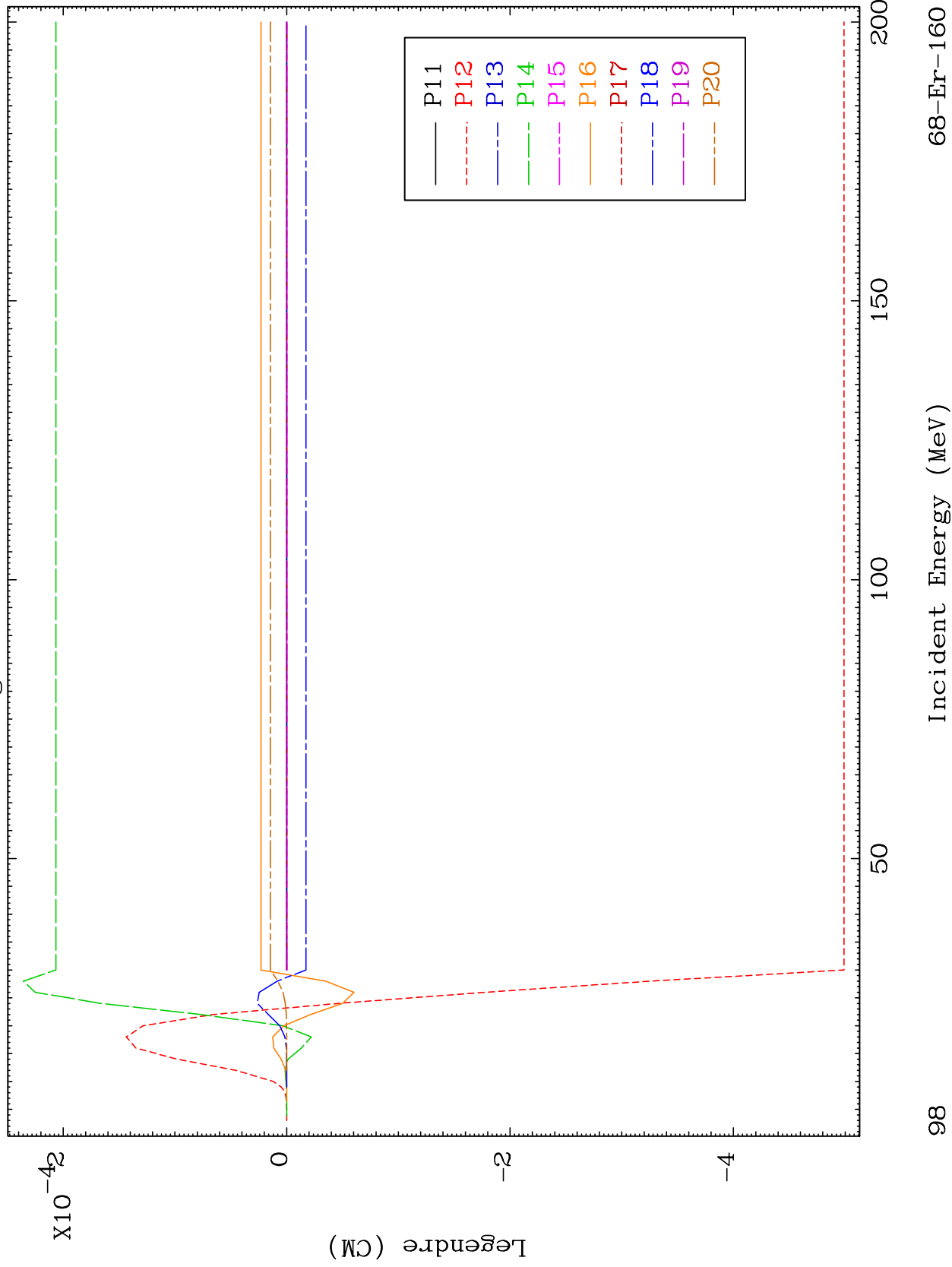
Incident Energy (MeV)

68-Er-160

MAT 6819

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

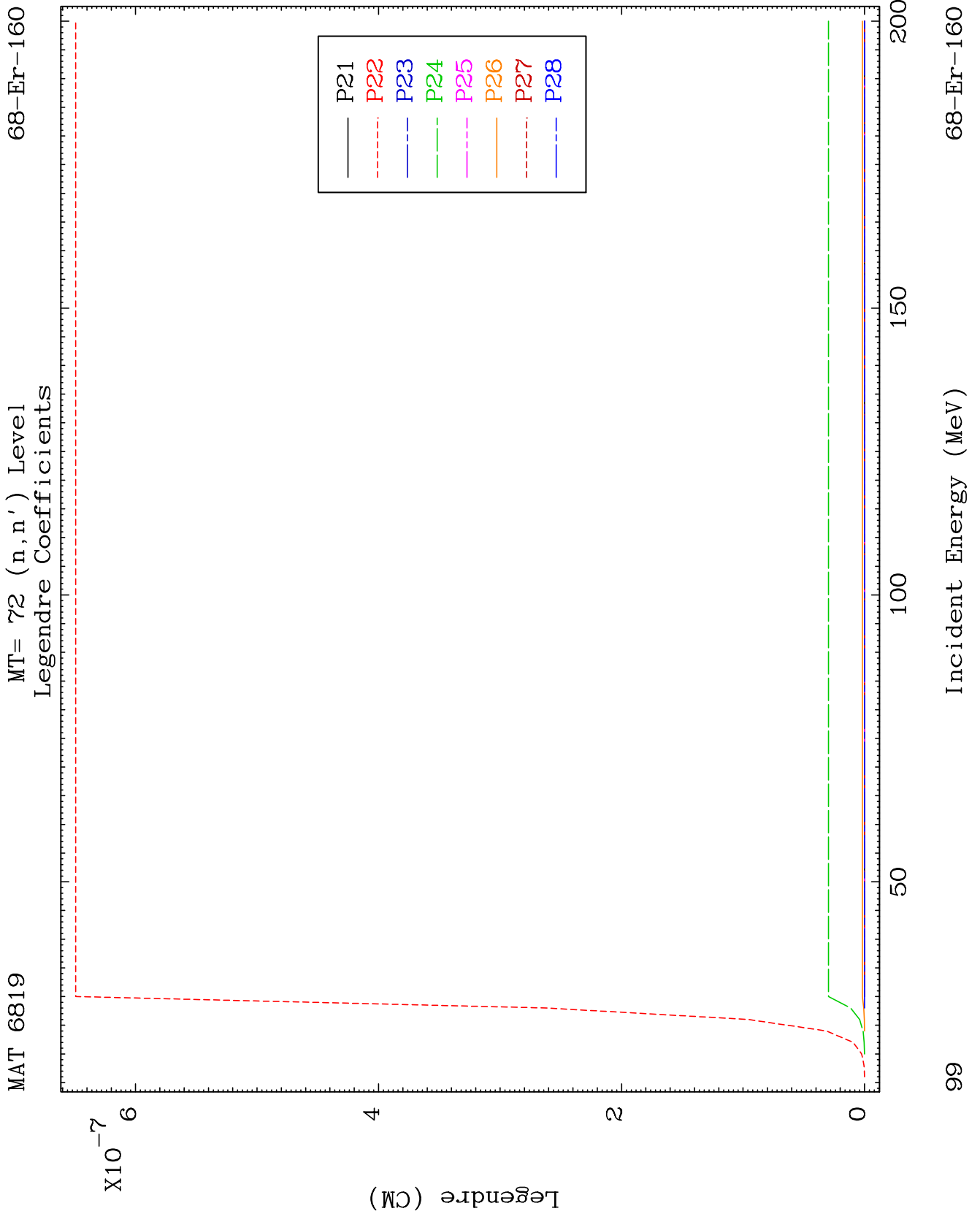
68-Er-160



98

Incident Energy (MeV)

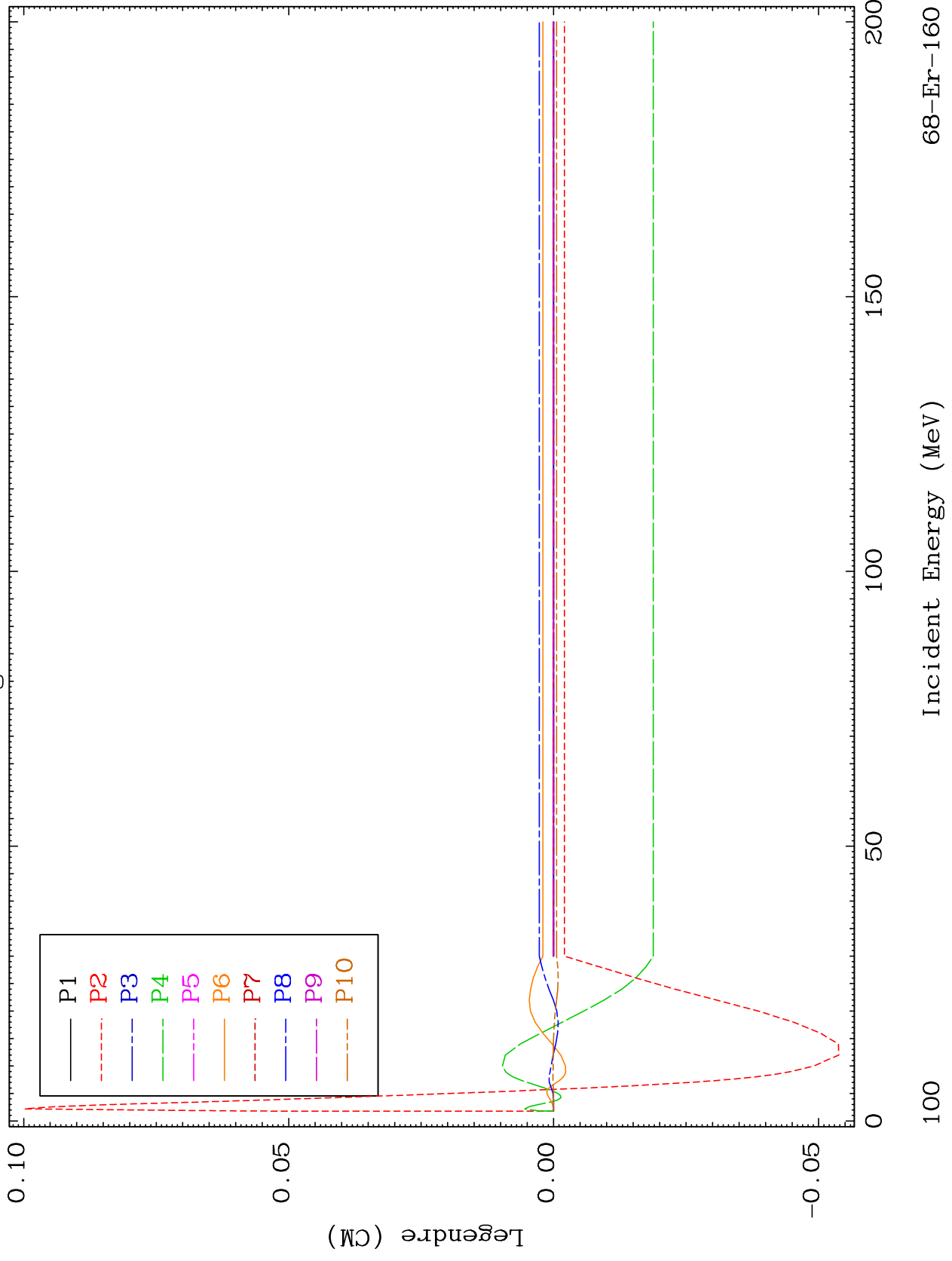
68-Er-160



MAT 6819

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

68-Er-160



68-Er-160

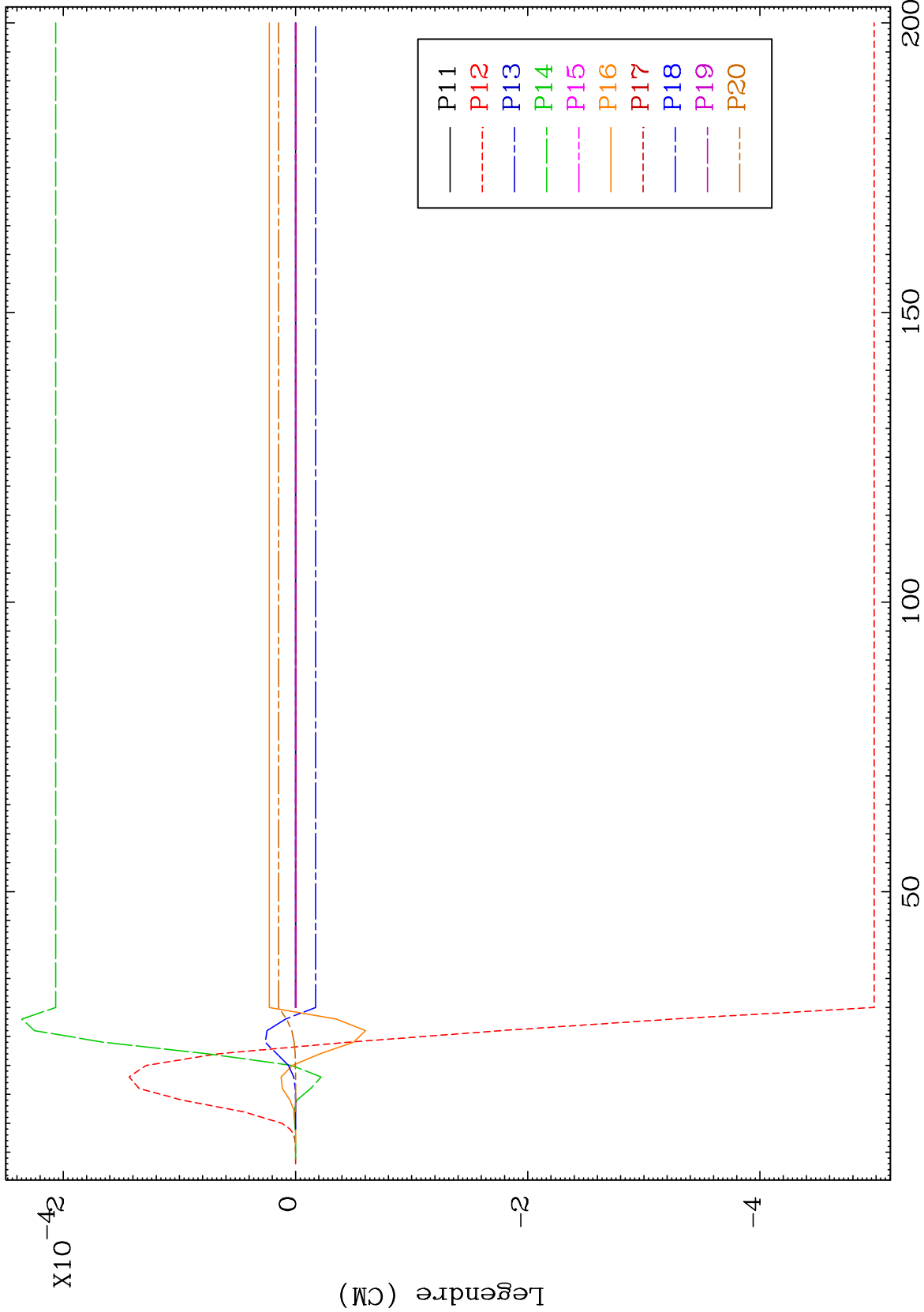
Incident Energy (MeV)

MAT 6819

MT= 73 (n,n') Level

68-Er-160

Legendre Coefficients



101

Incident Energy (MeV)

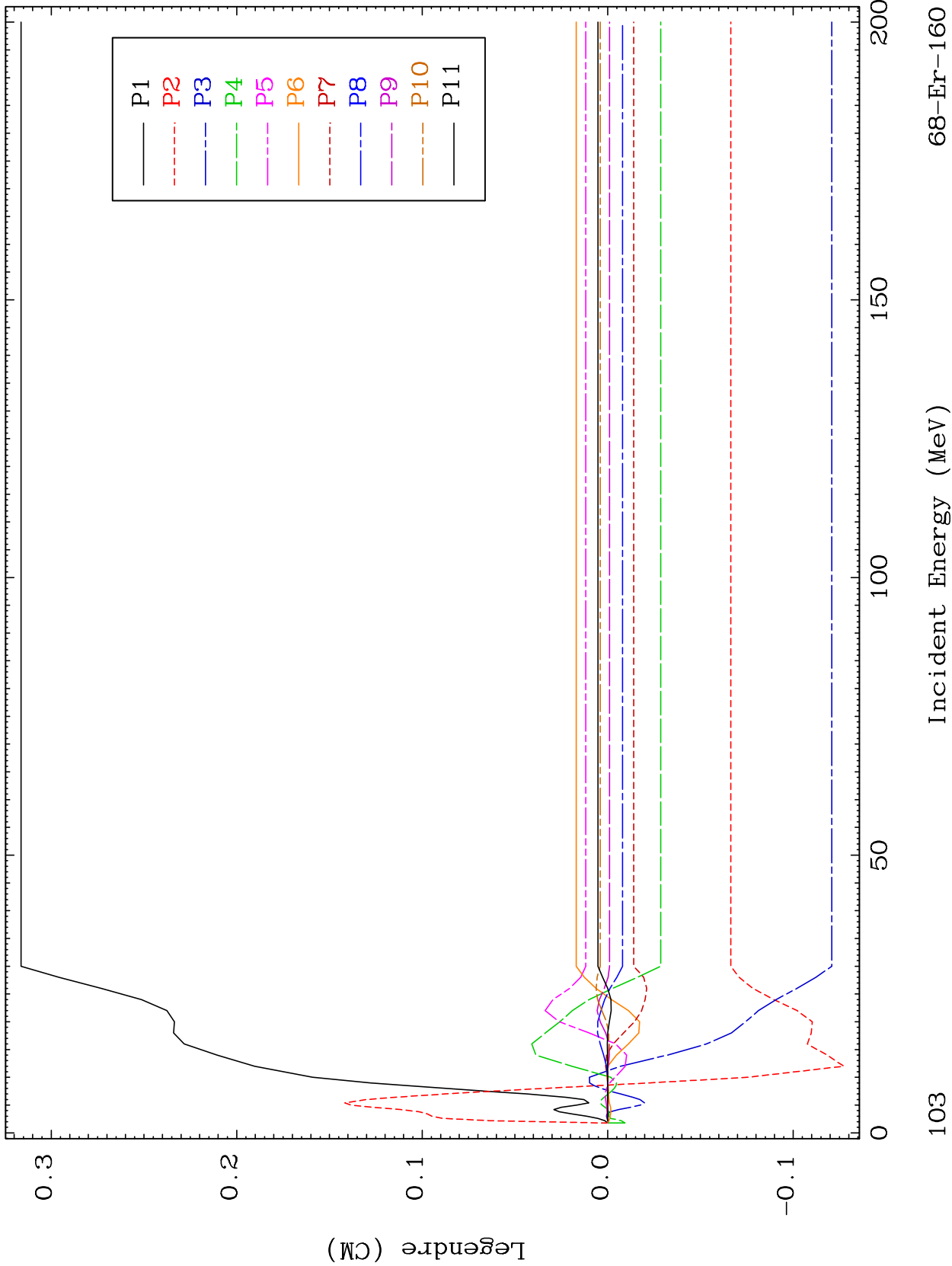
68-Er-160



MAT 6819

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

68-Er-160



103

Incident Energy (MeV)

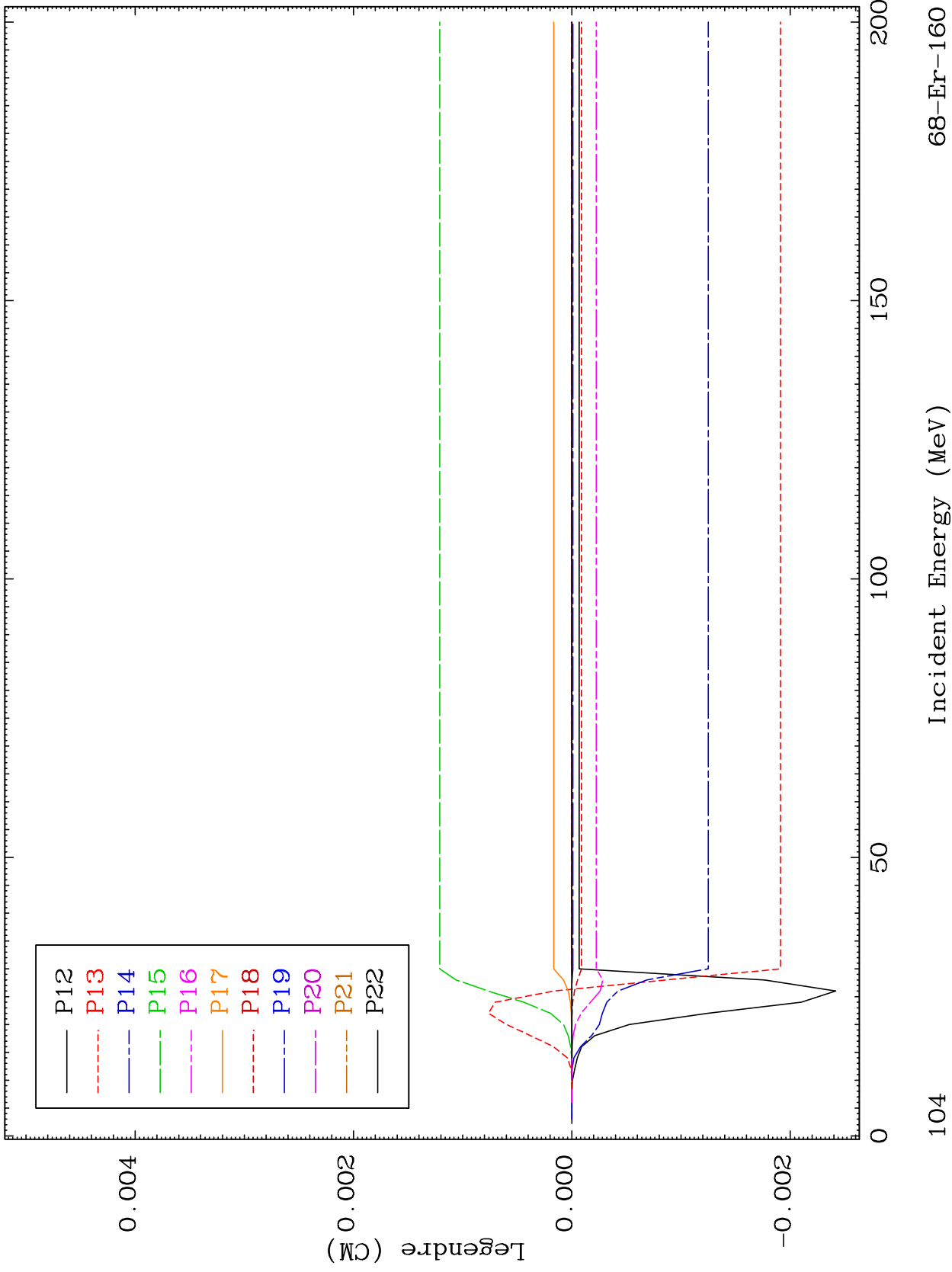
68-Er-160



MAT 6819

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

68-Er-160



104

Incident Energy (MeV)

68-Er-160

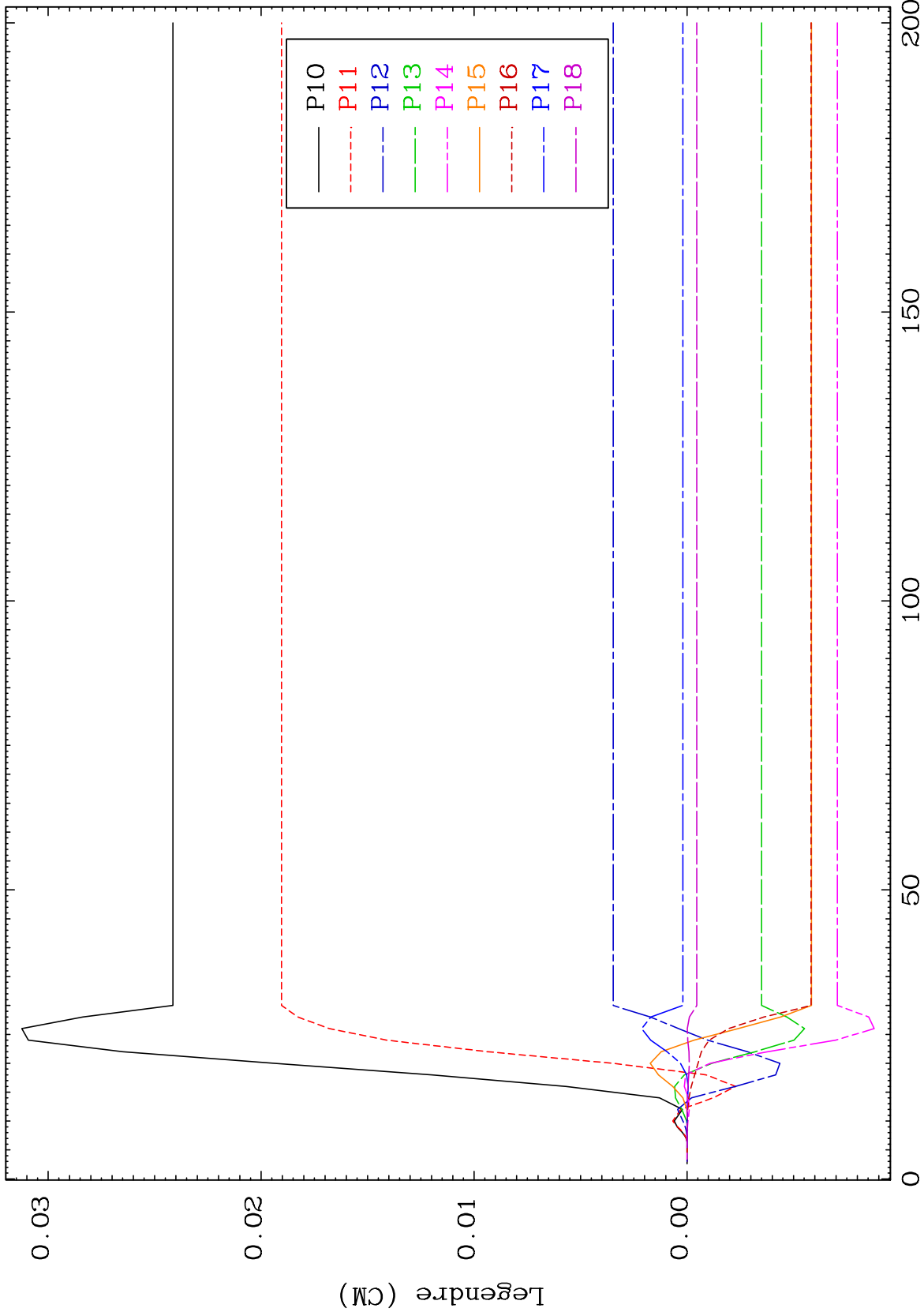




MAT 6819

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

68-Er-160



107

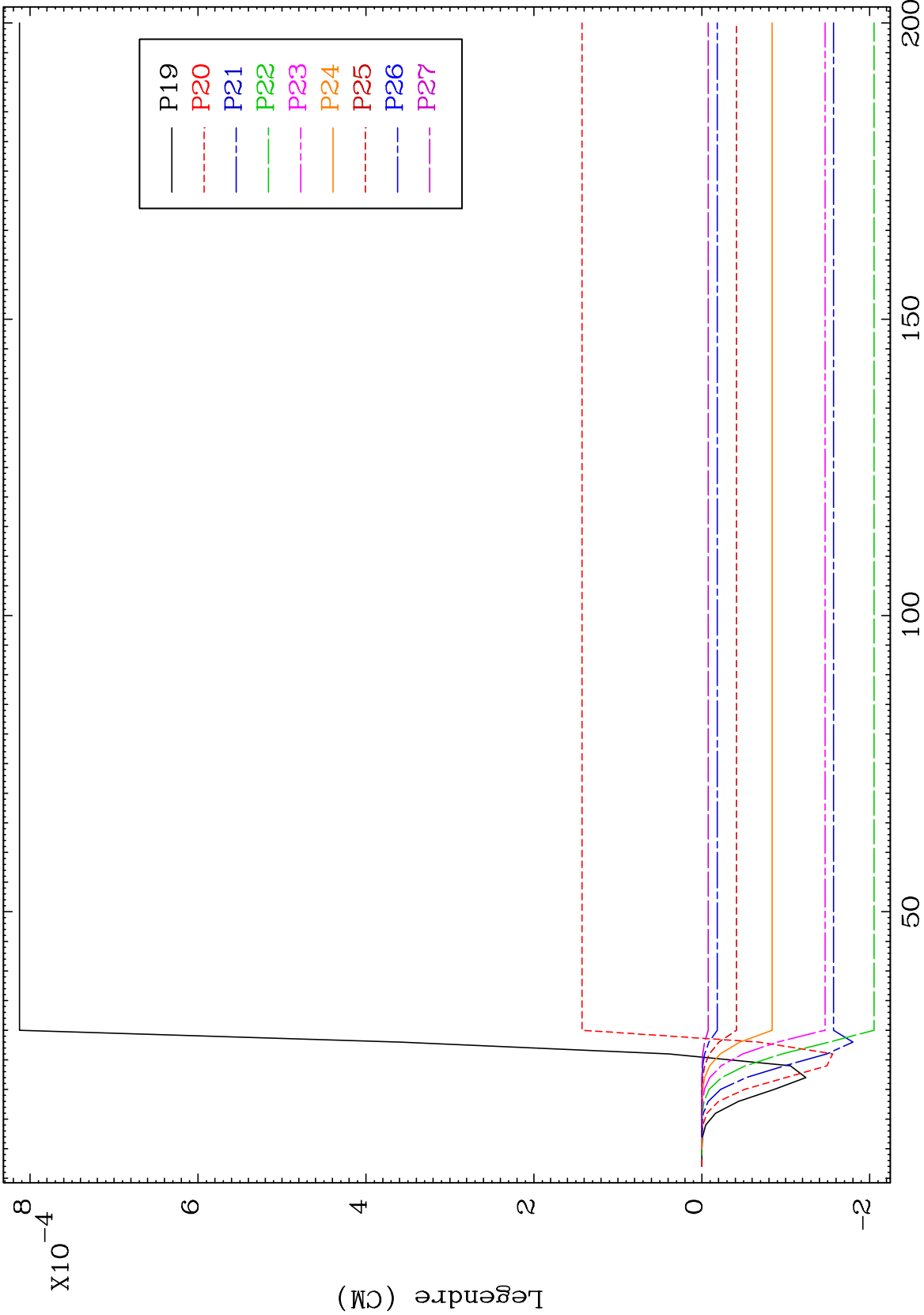
Incident Energy (MeV)

68-Er-160

MAT 6819

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

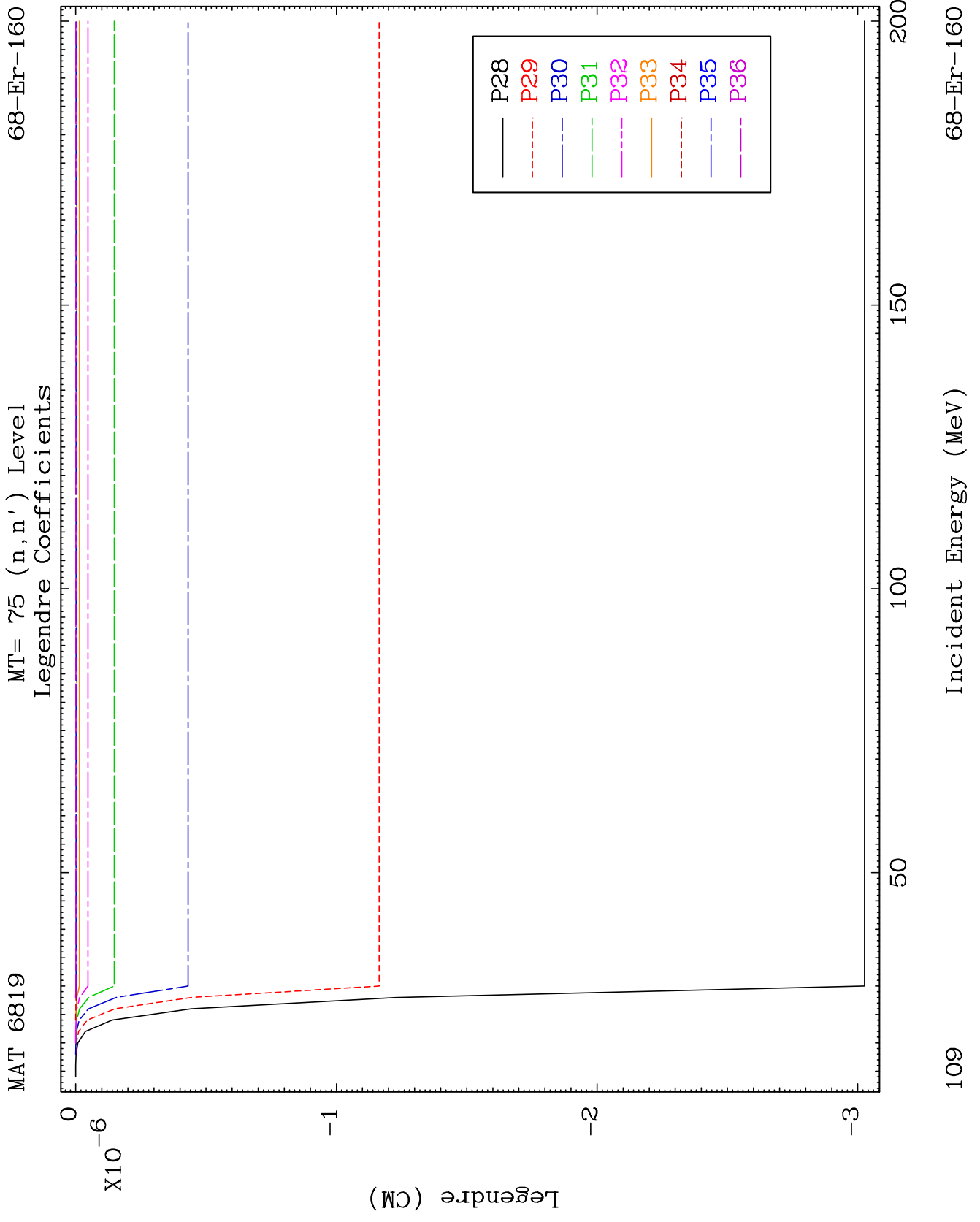
68-Er-160



108

Incident Energy (MeV)

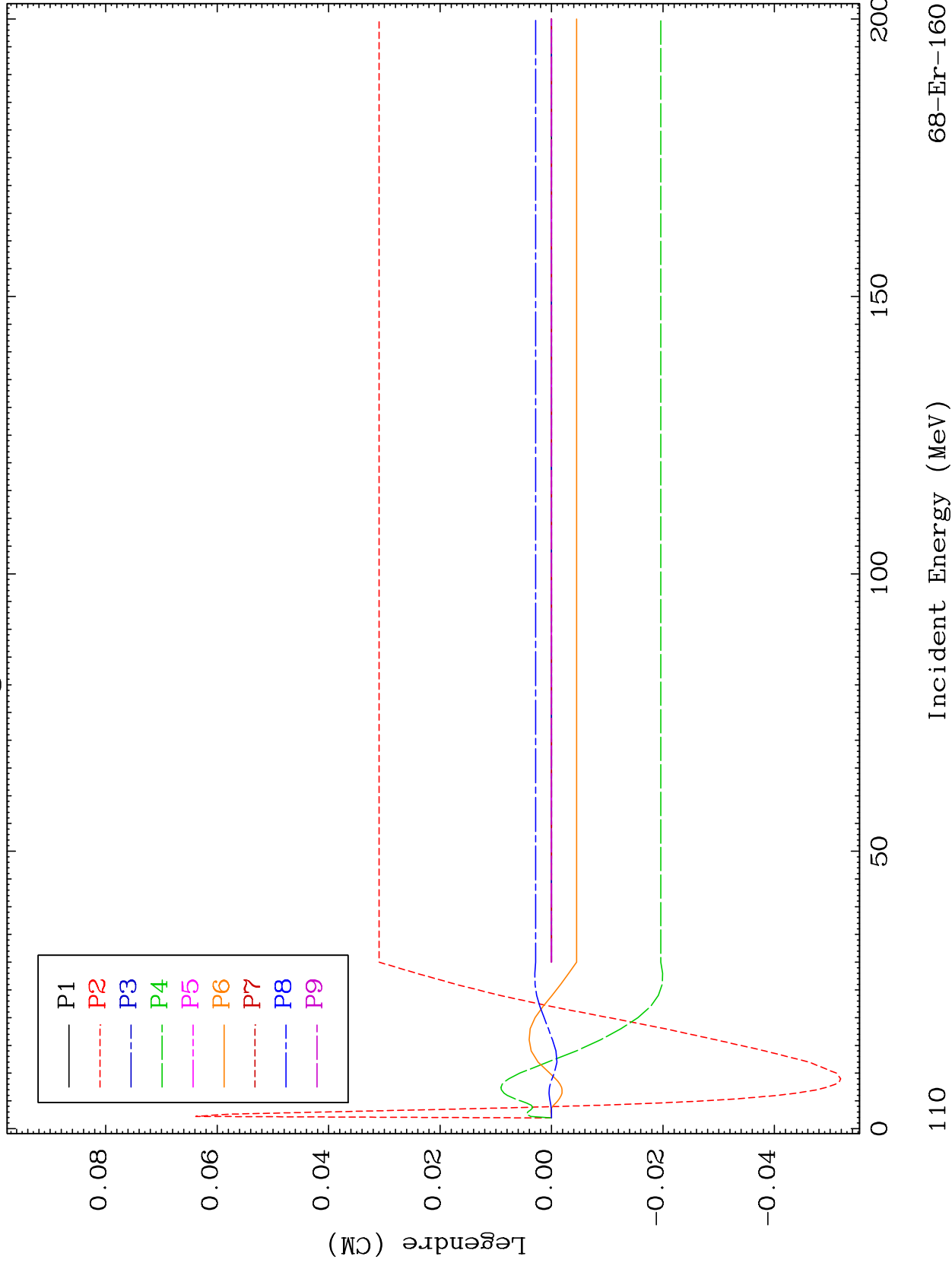
68-Er-160



MAT 6819

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

68-Er-160



68-Er-160

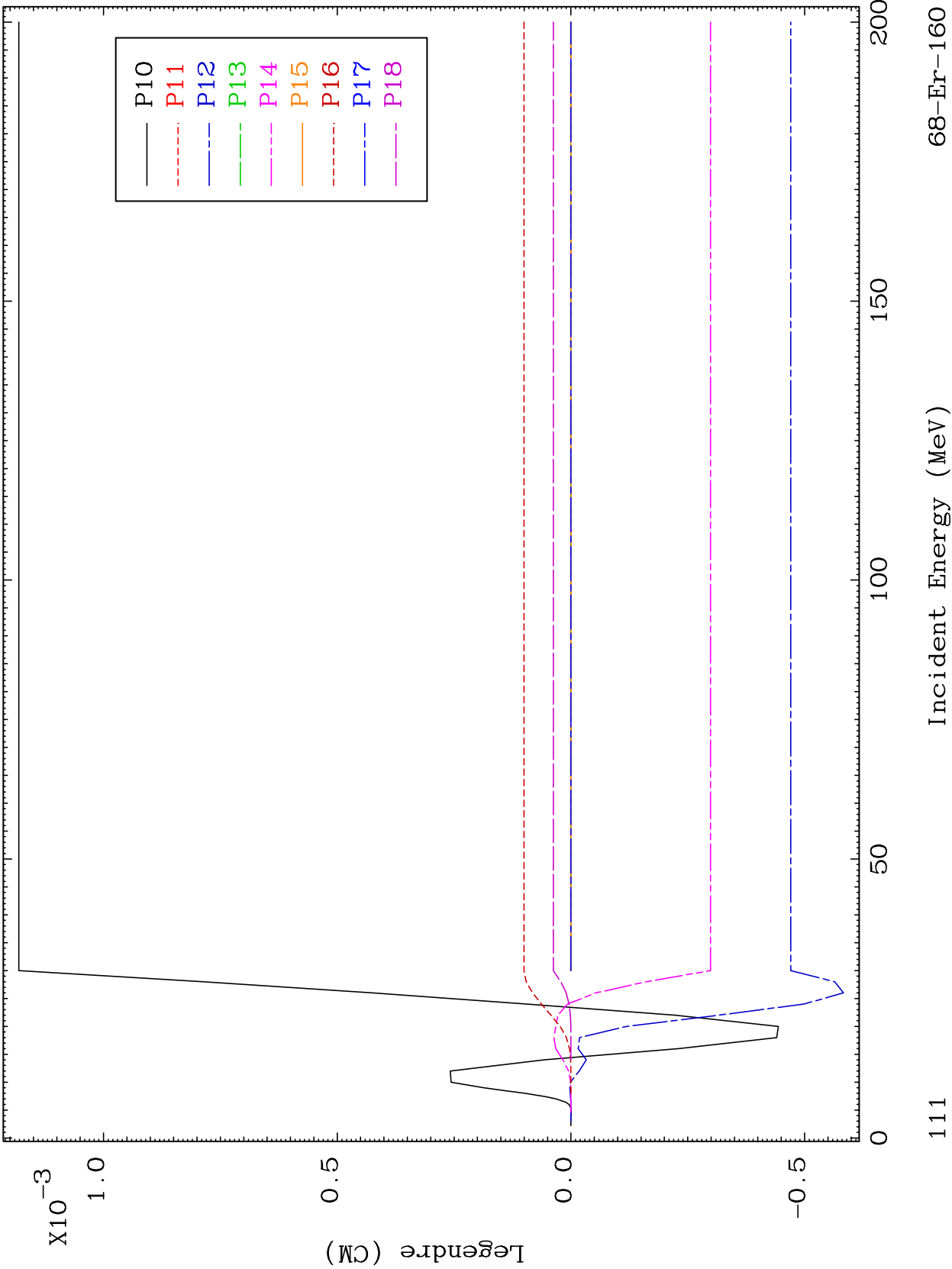
Incident Energy (MeV)

110

MAT 6819

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

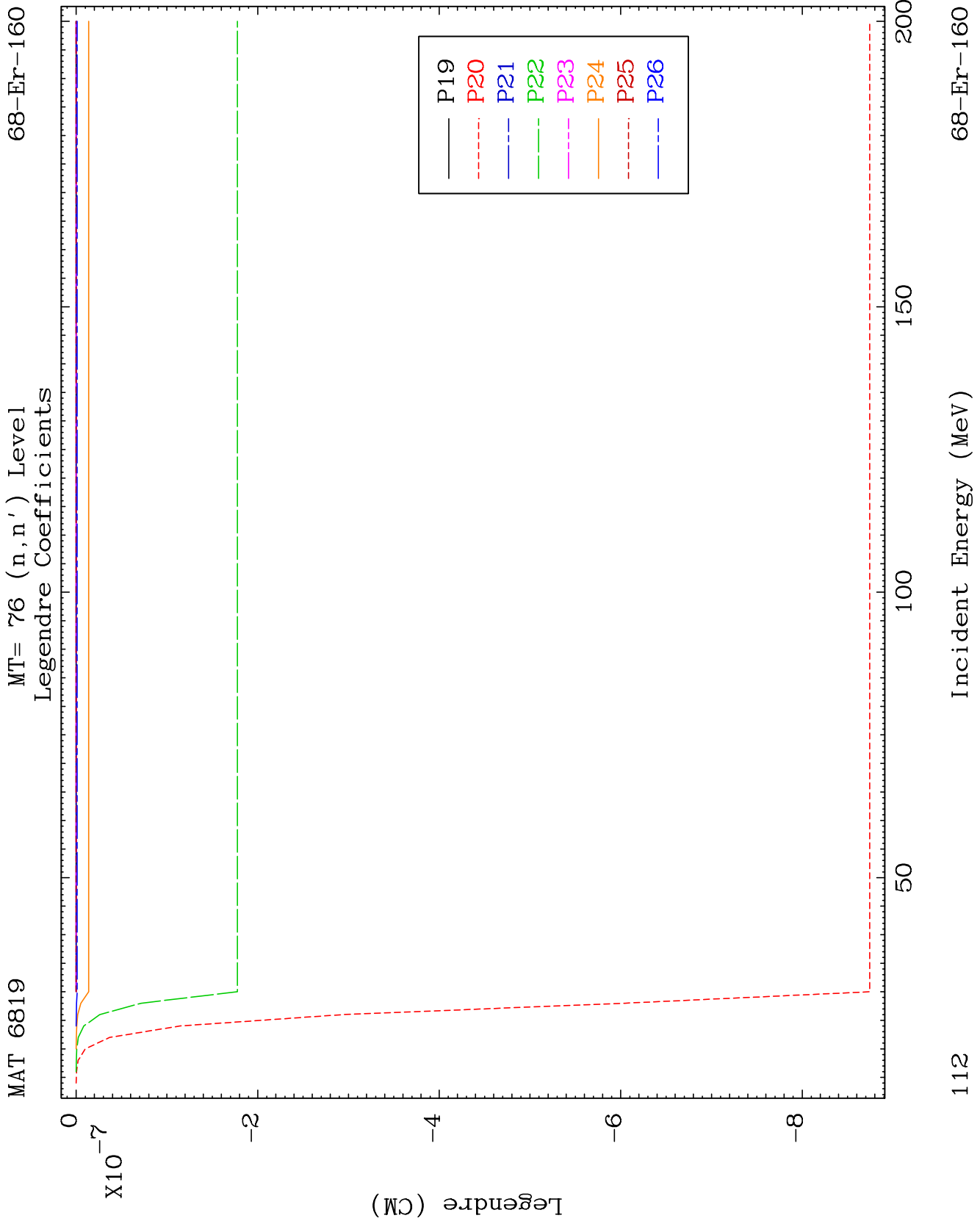
68-Er-160



111

68-Er-160

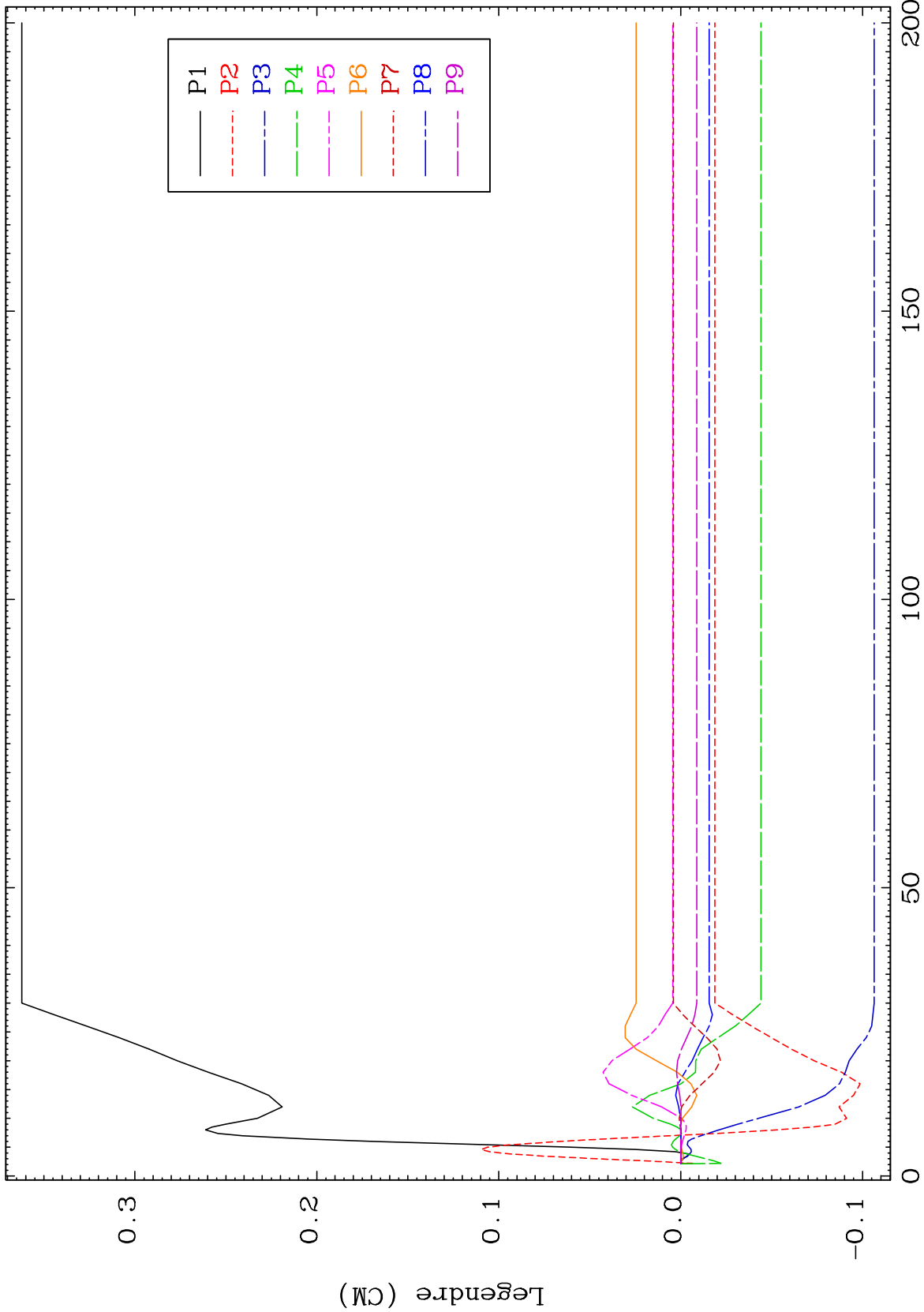




MAT 6819

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

68-Er-160



113

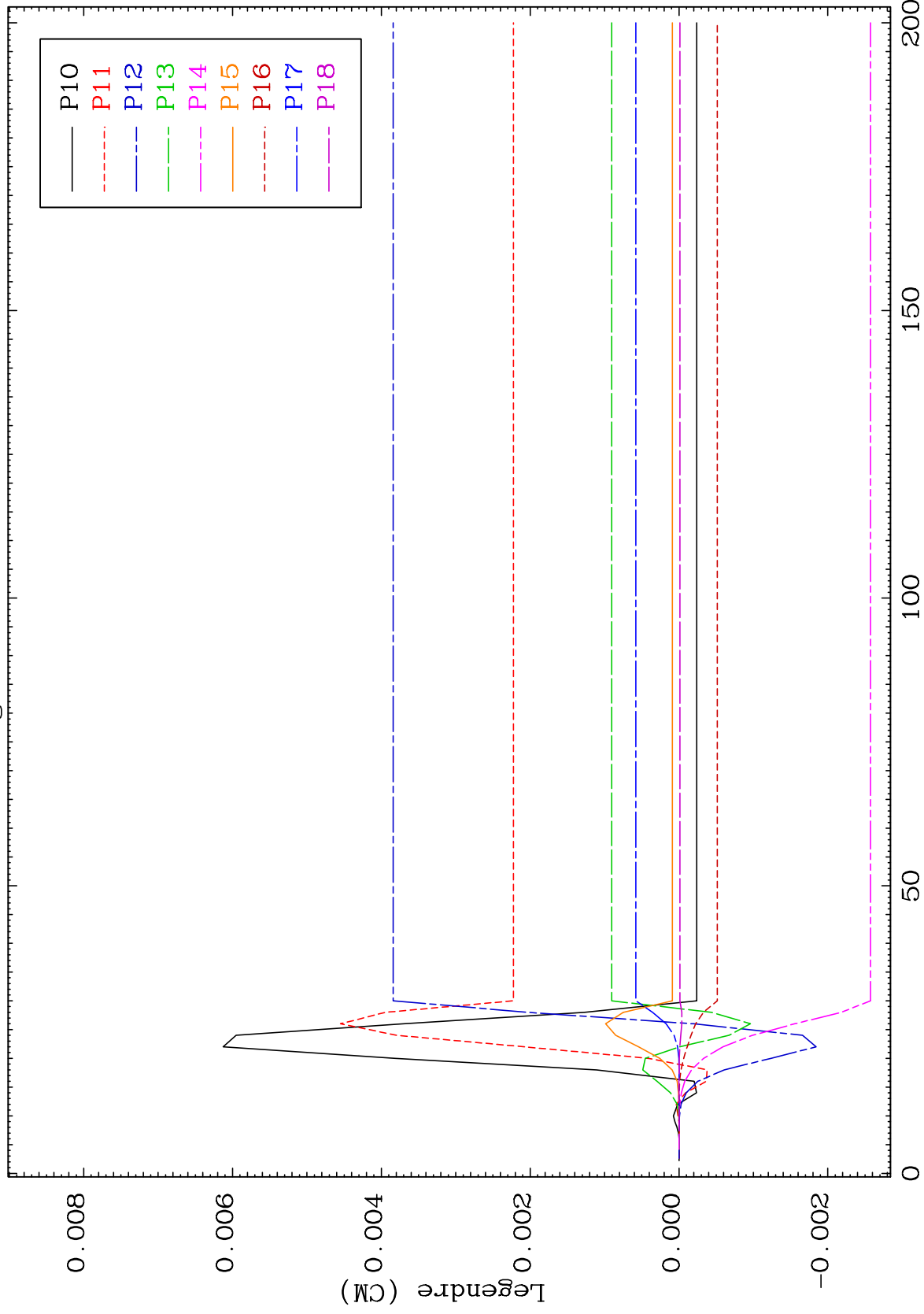
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



114

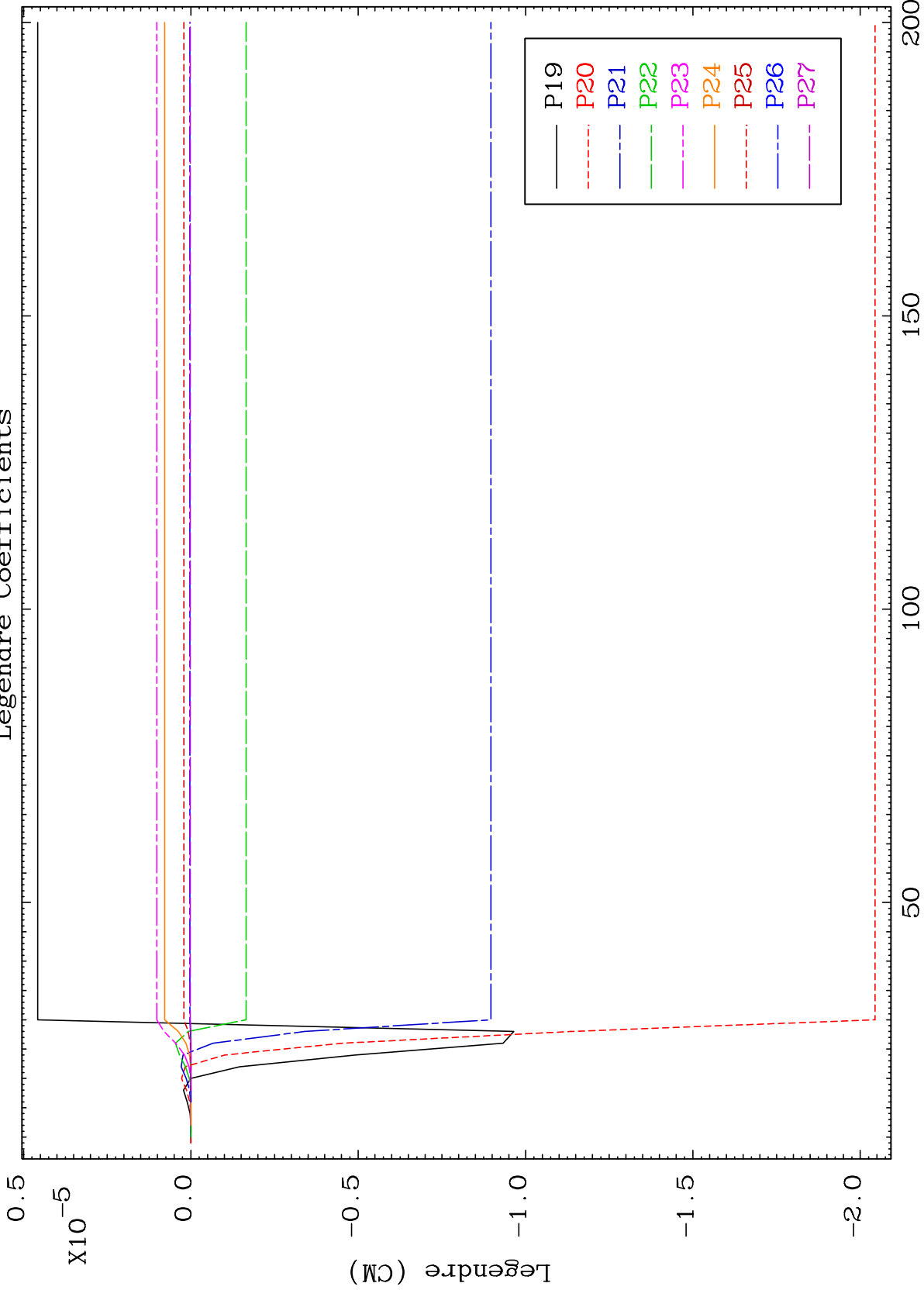
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



115

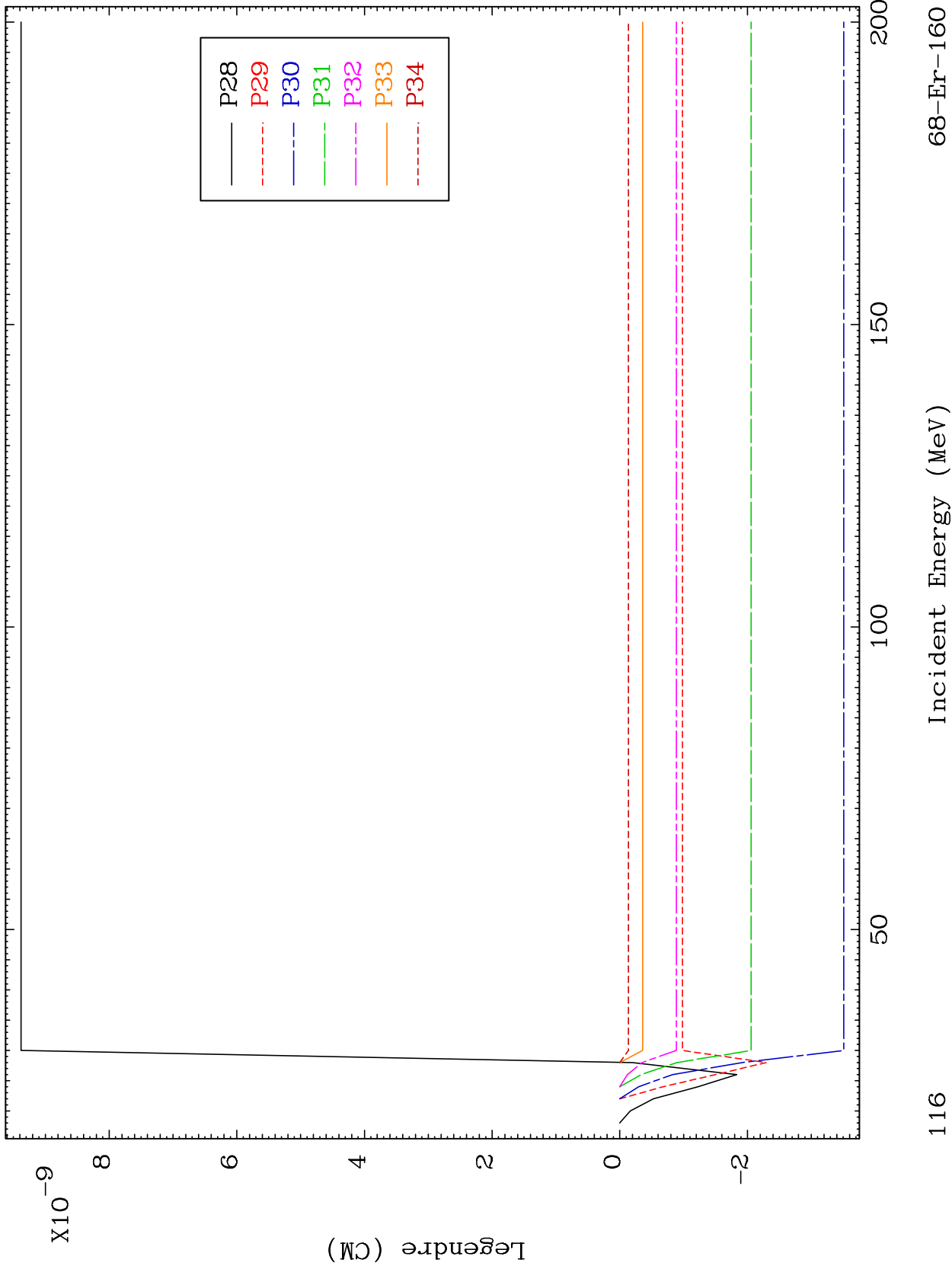
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



116

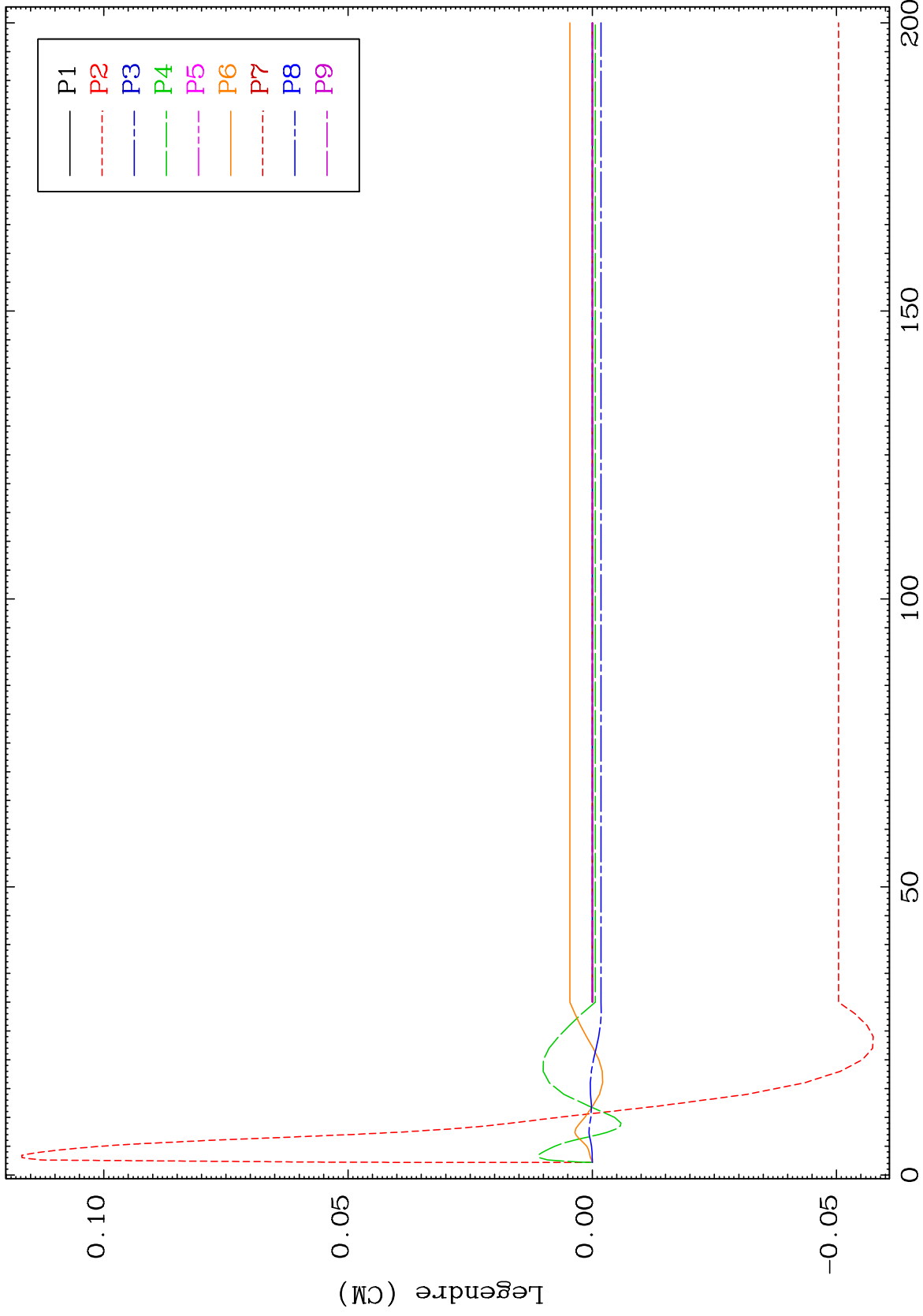
Incident Energy (MeV)

68-Er-160

MAT 6819

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

68-Er-160



117

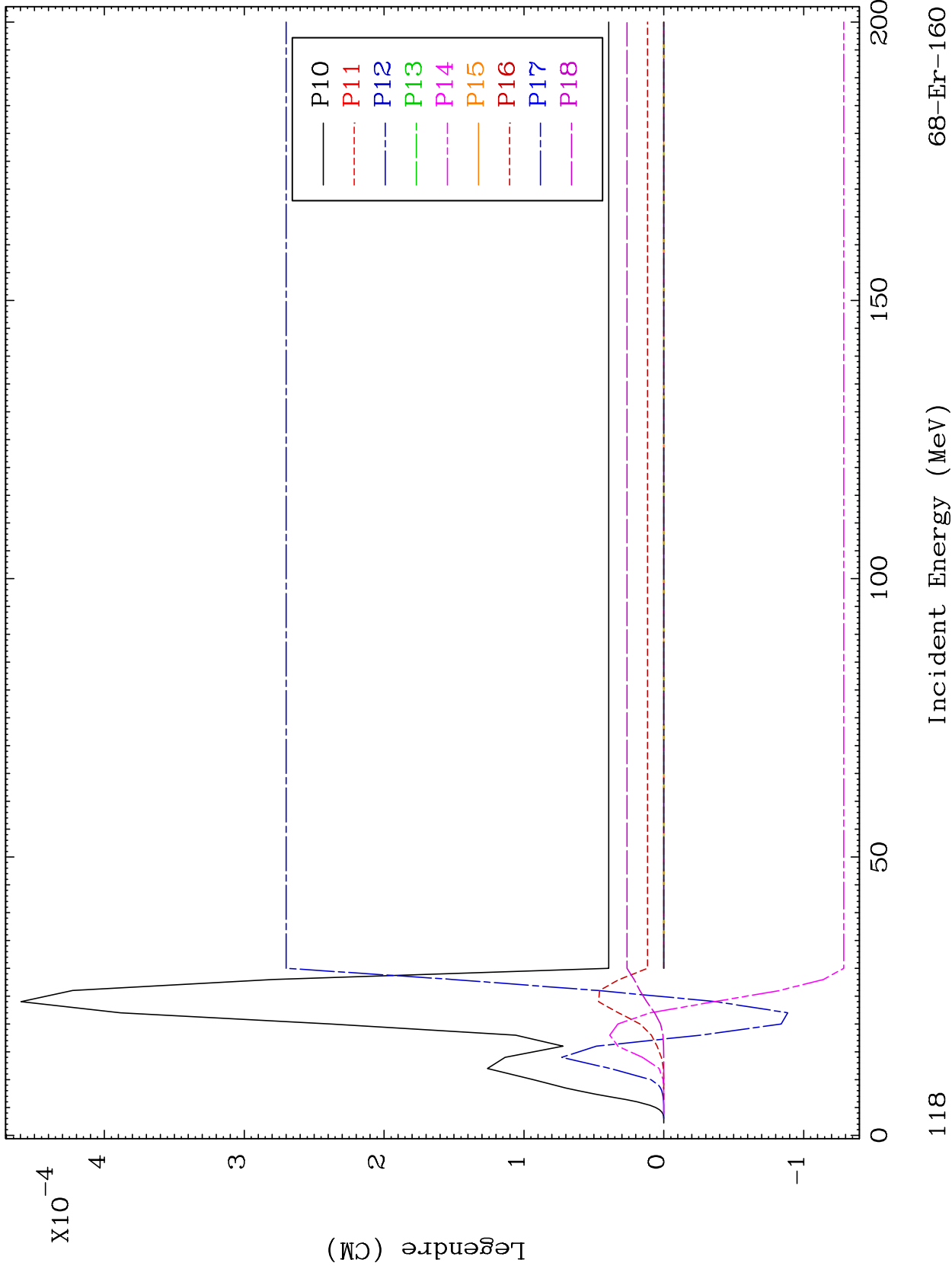
Incident Energy (MeV)

68-Er-160

MAT 6819

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

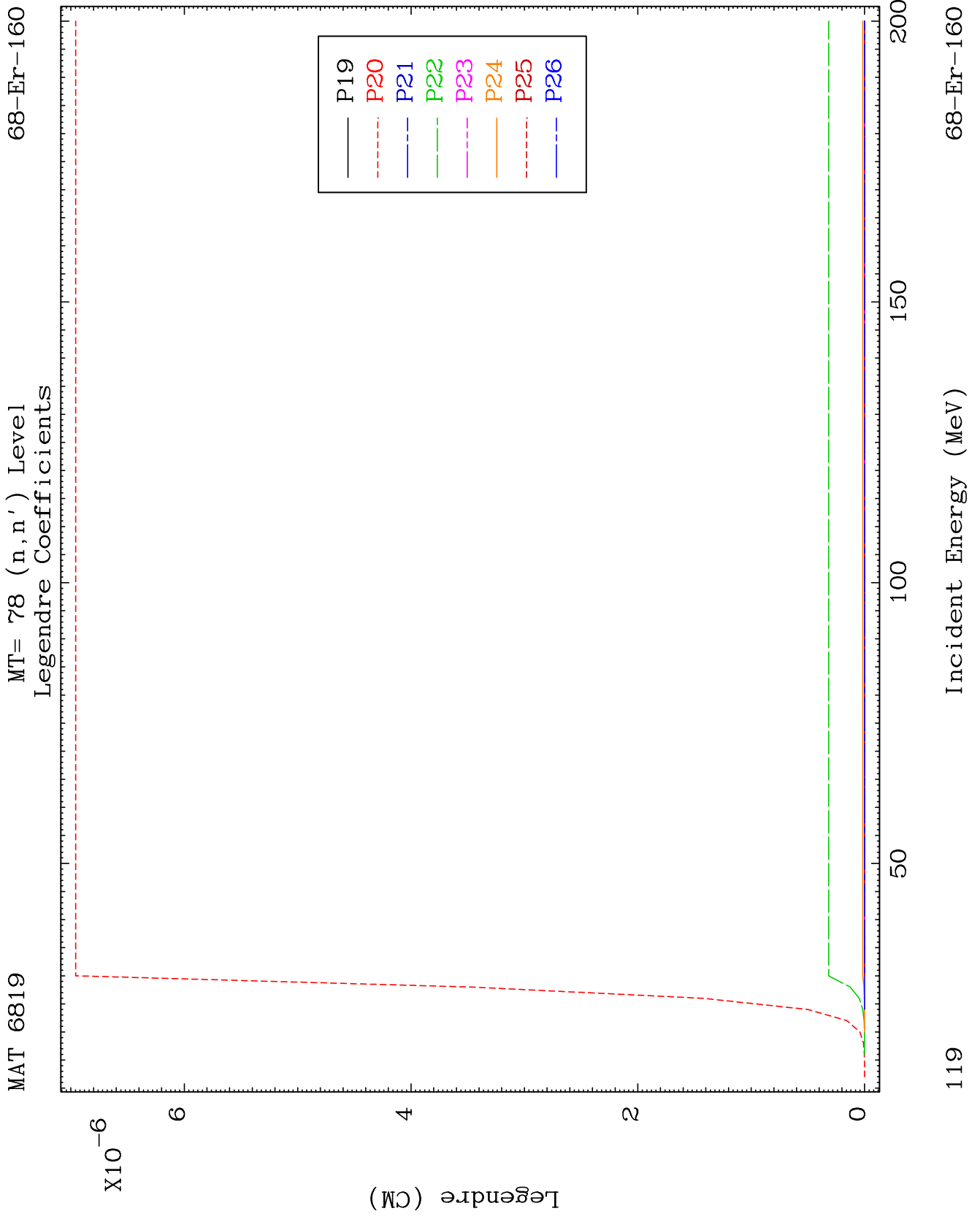
68-Er-160



118

Incident Energy (MeV)

68-Er-160

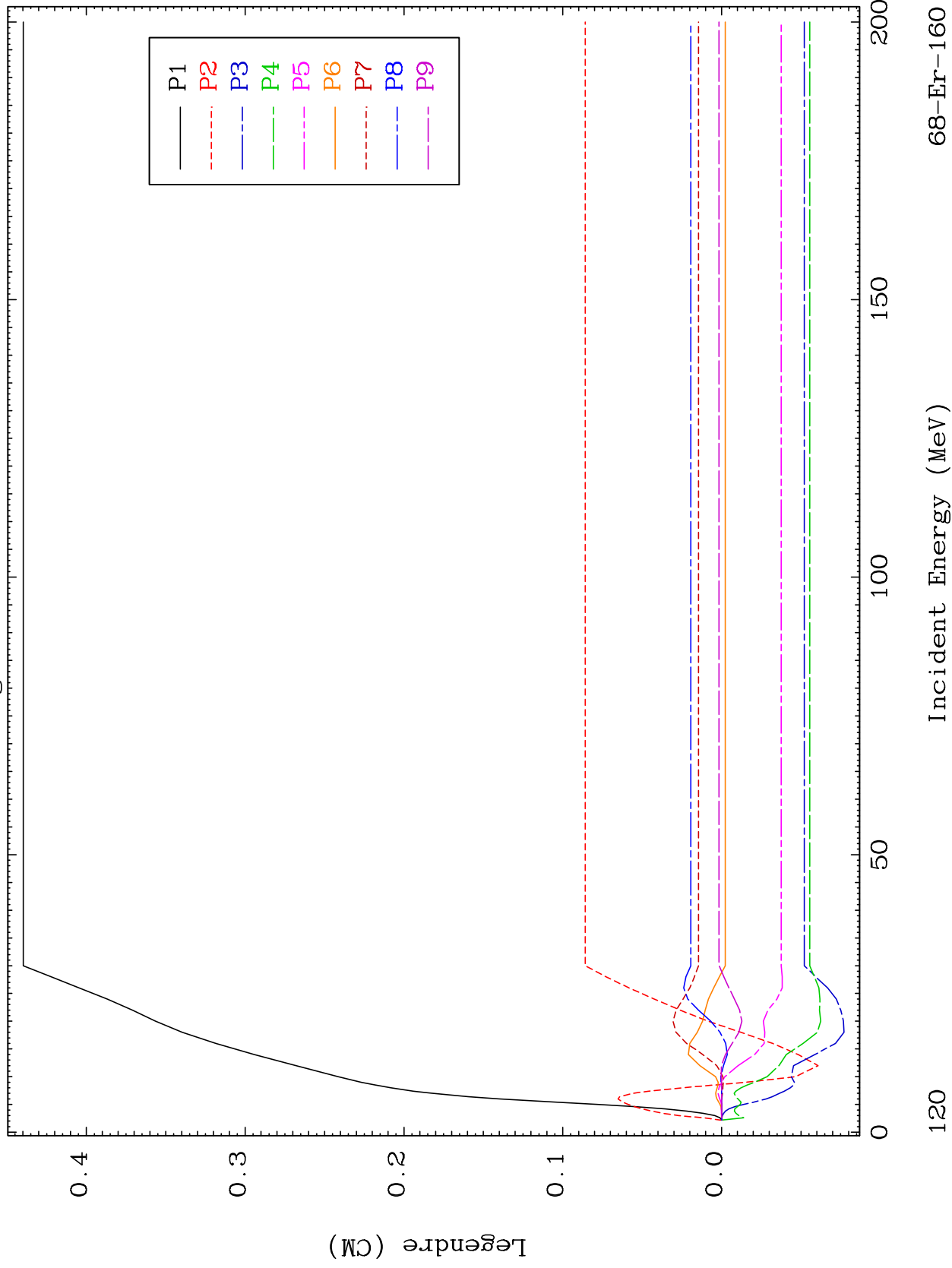




MAT 6819

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

68-Er-160



68-Er-160

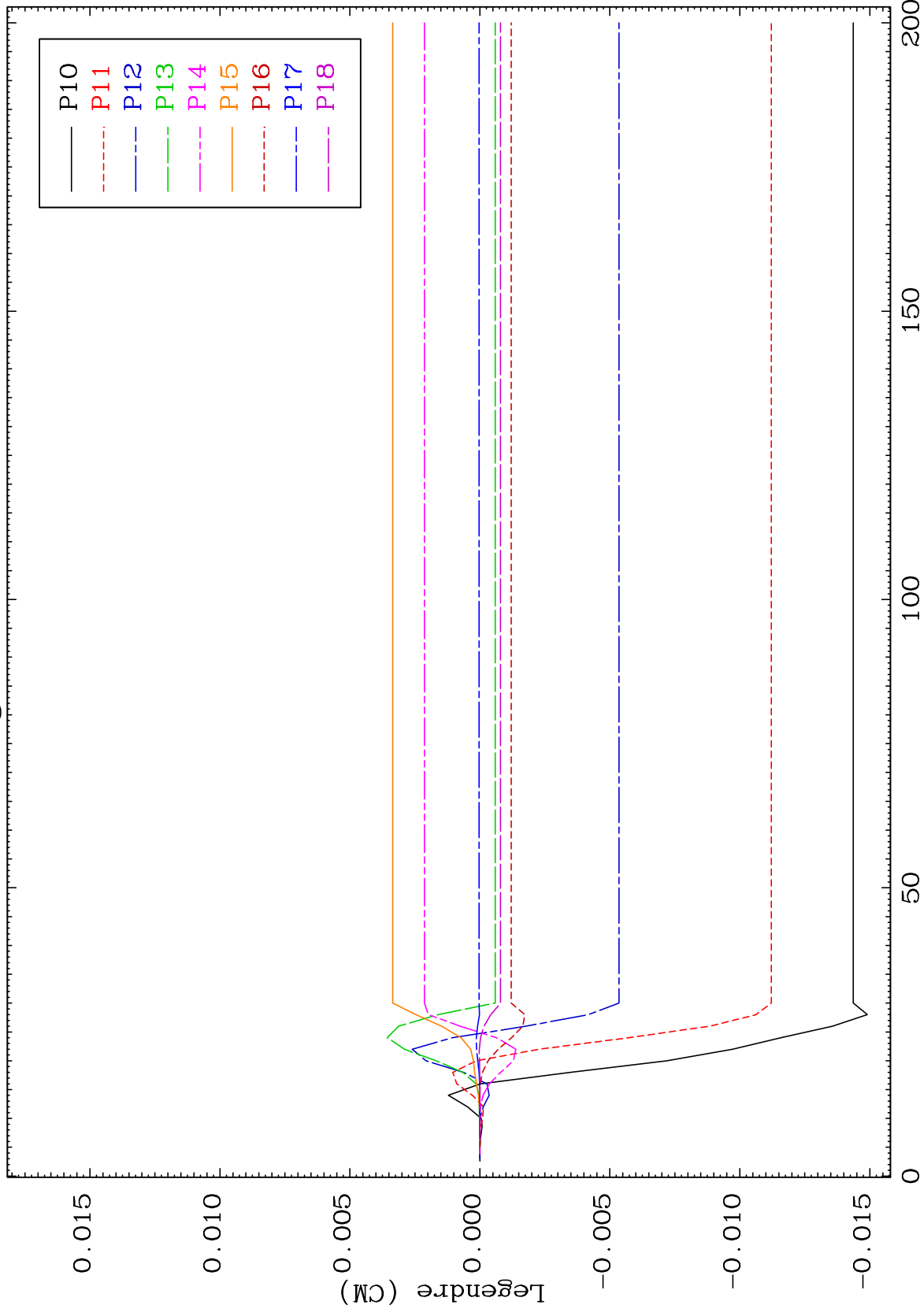
Incident Energy (MeV)

120

MAT 6819

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

68-Er-160



121

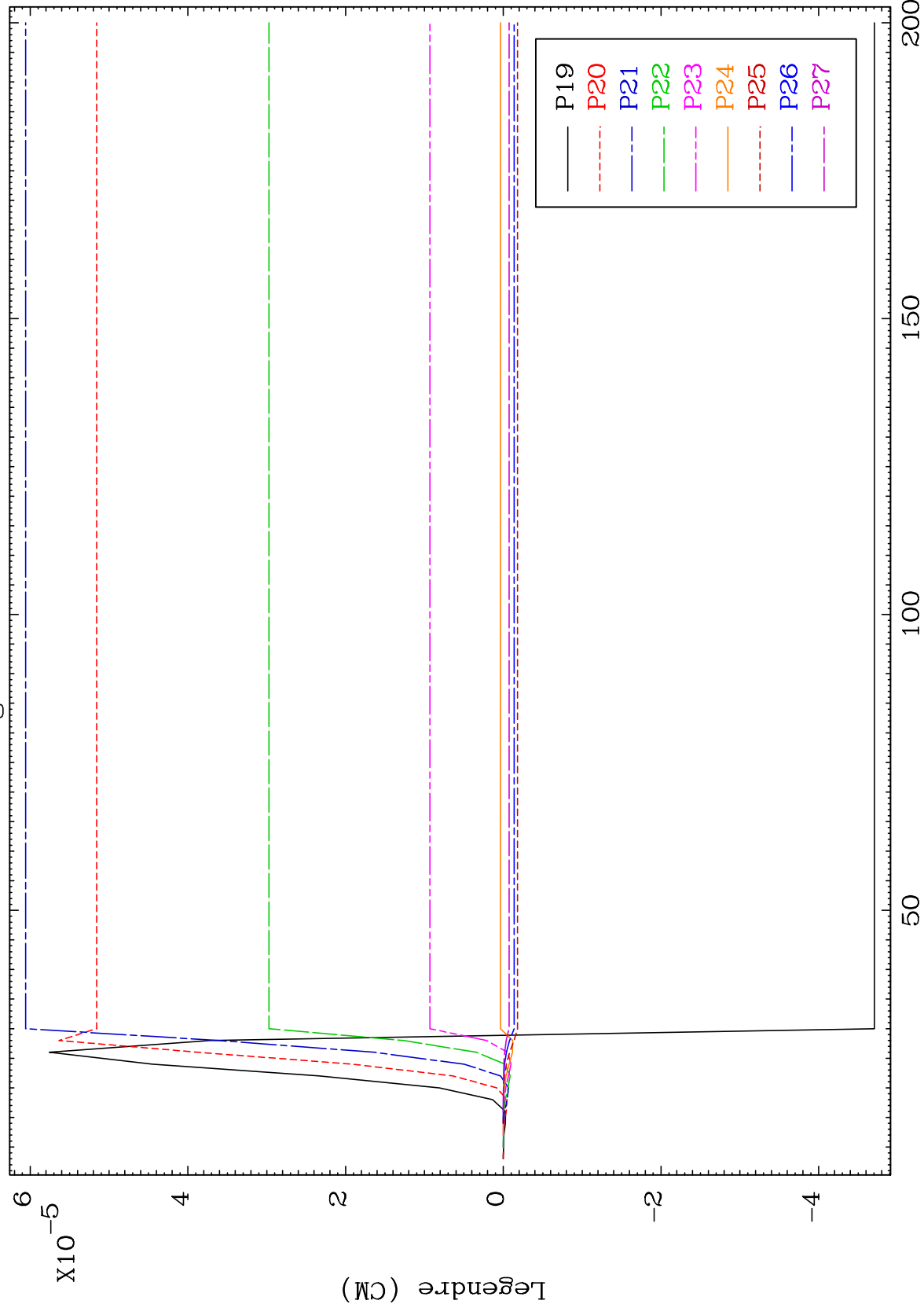
Incident Energy (MeV)

68-Er-160

MAT 6819

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

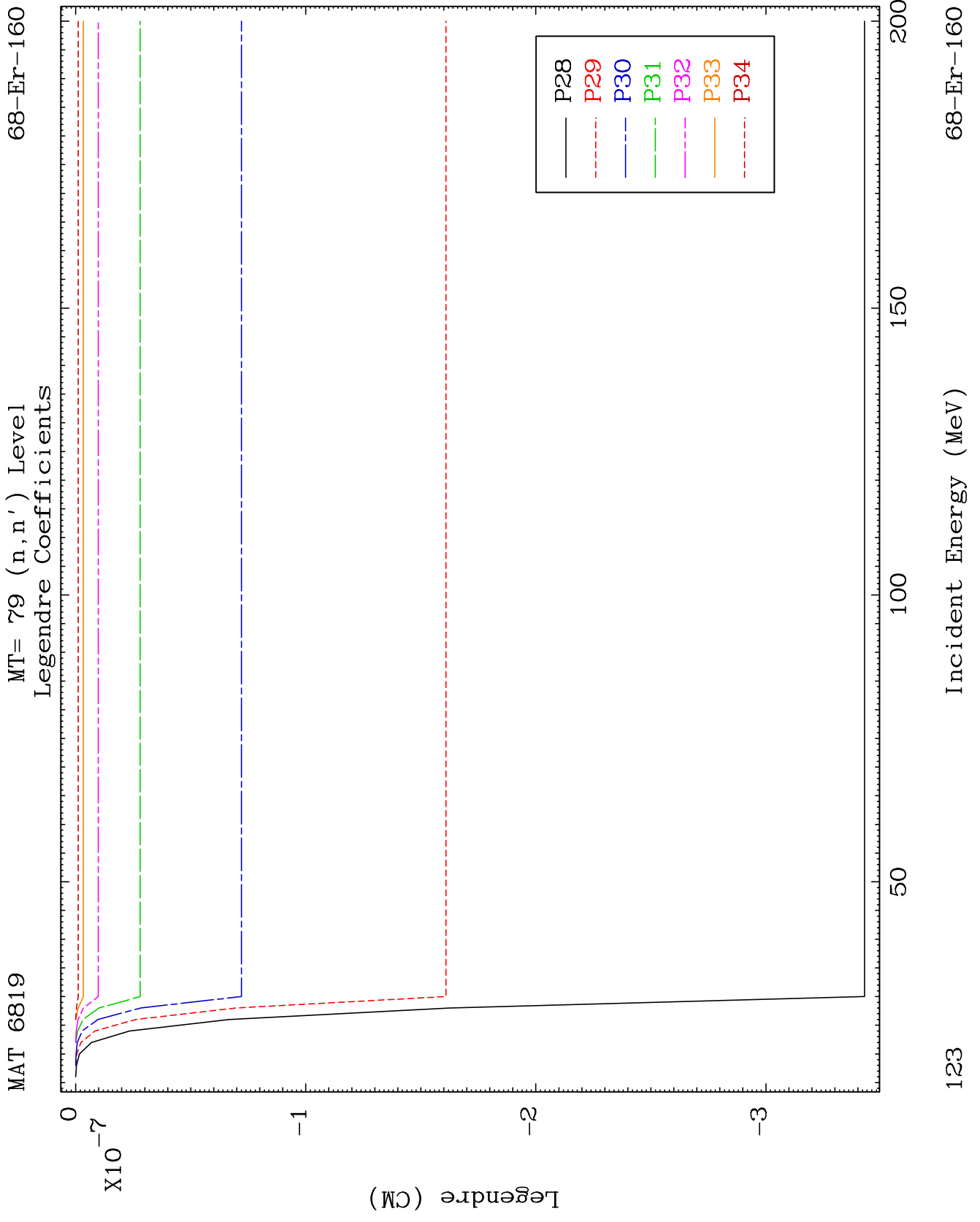
68-Er-160

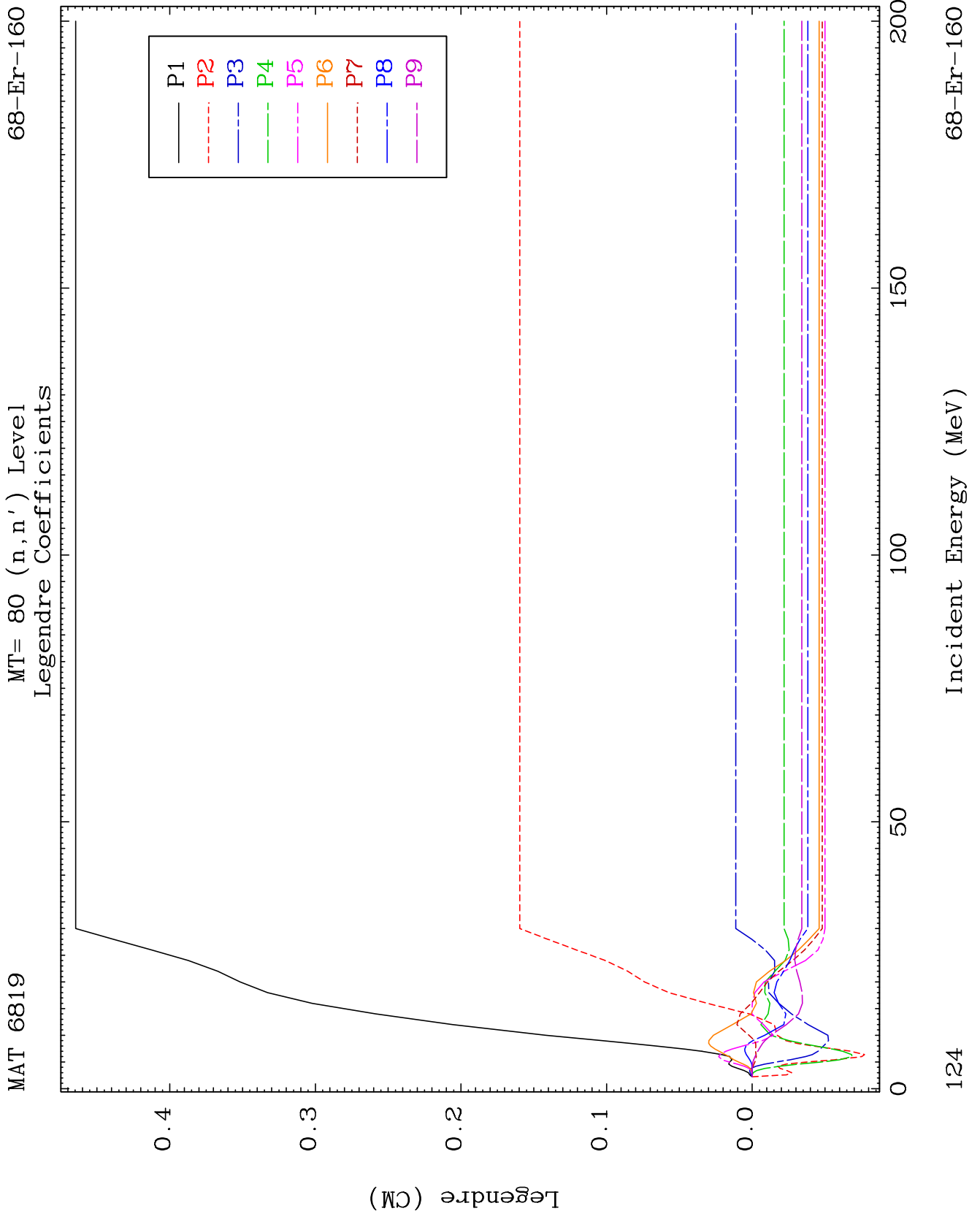


122

Incident Energy (MeV)

68-Er-160

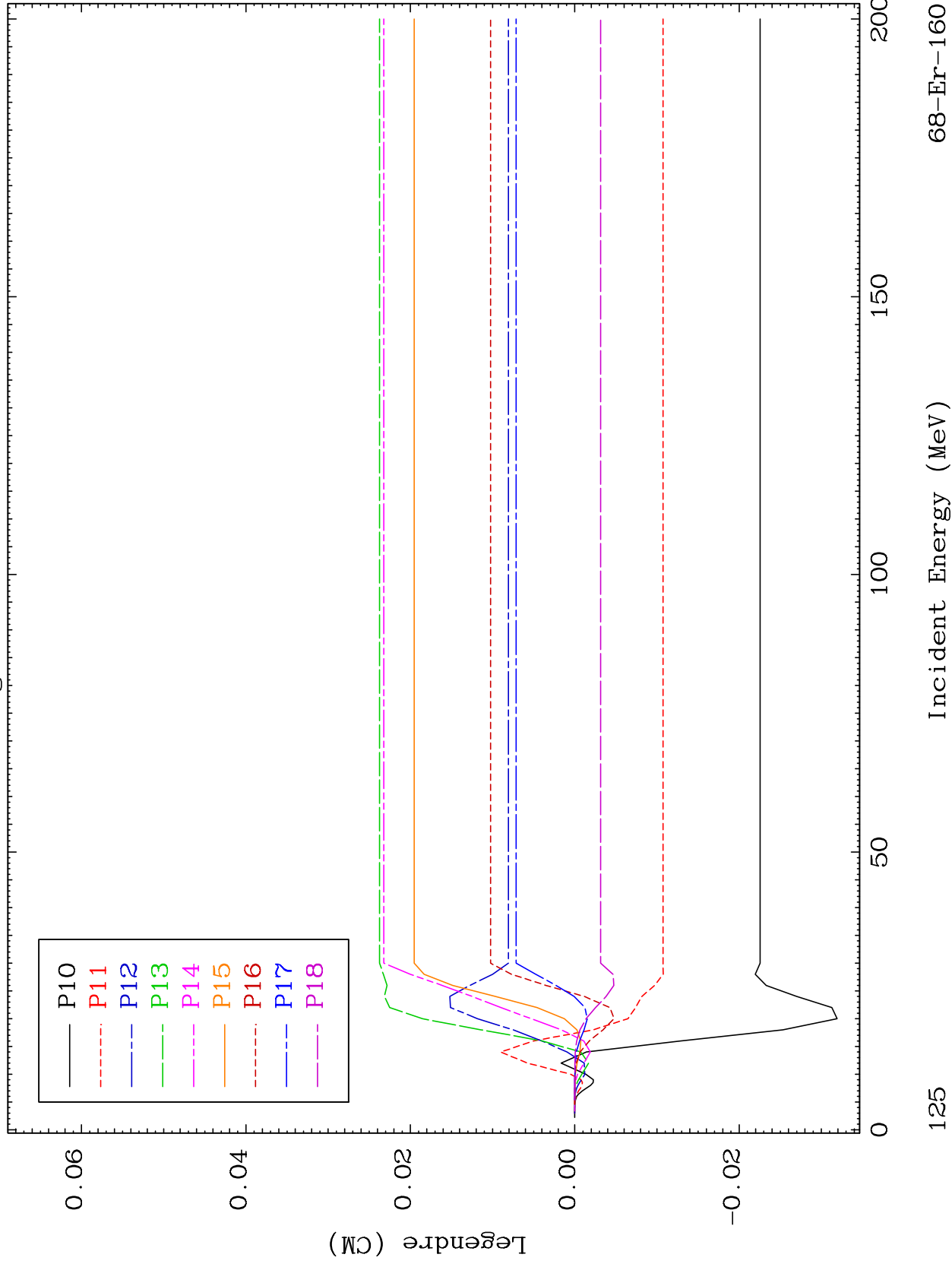




MAT 6819

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

68-Er-160



125

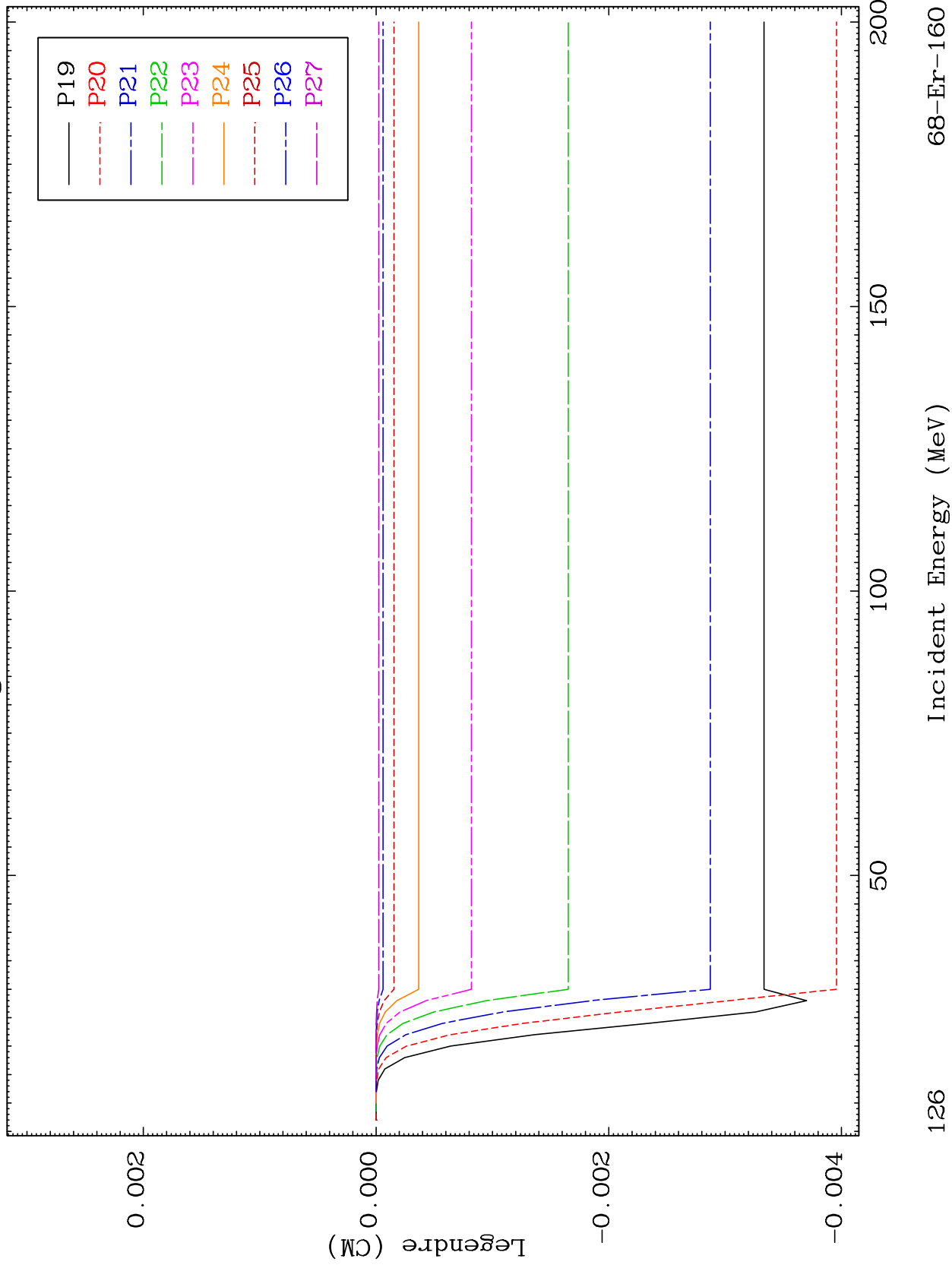
Incident Energy (MeV)

68-Er-160

MAT 6819

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

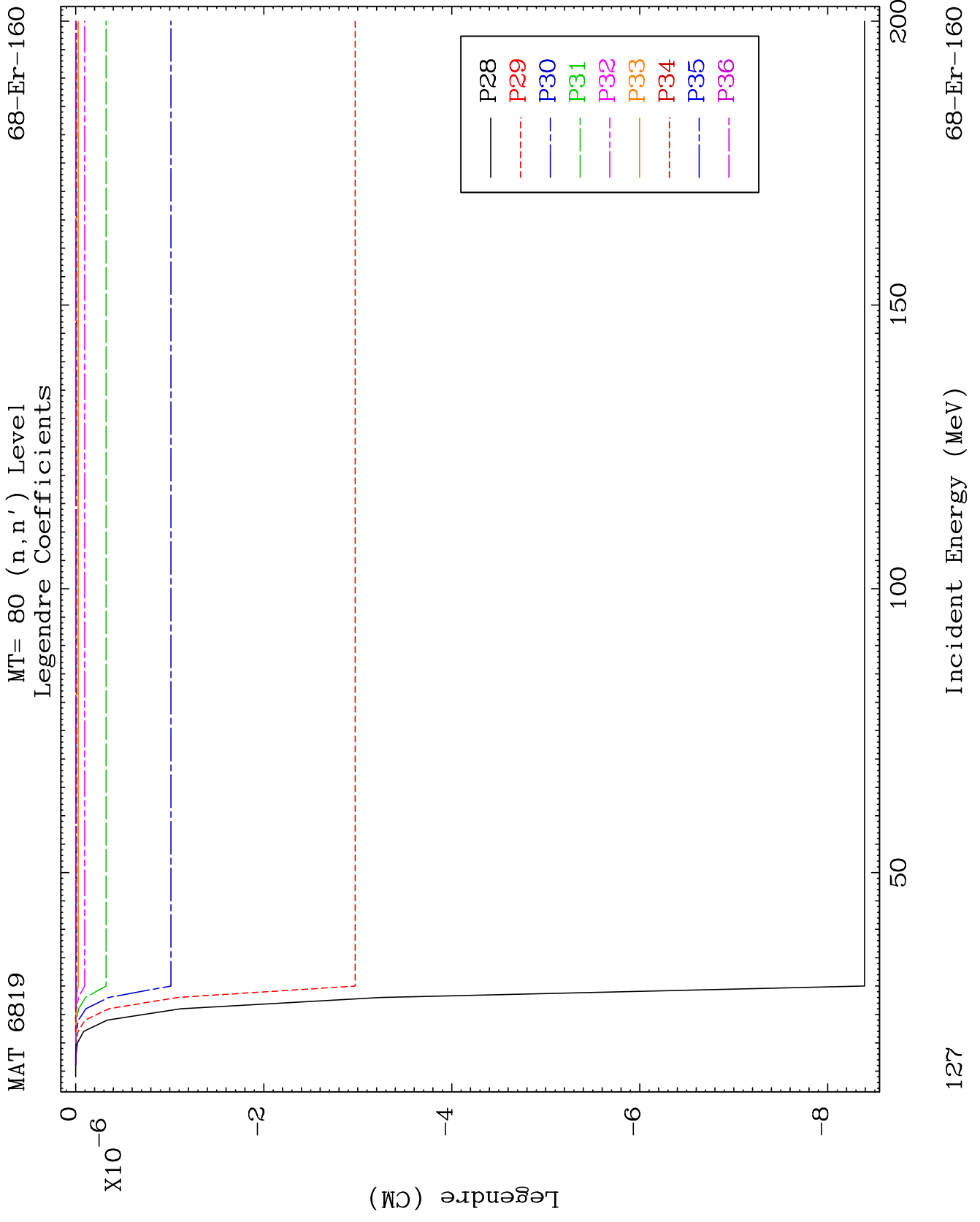
68-Er-160



126

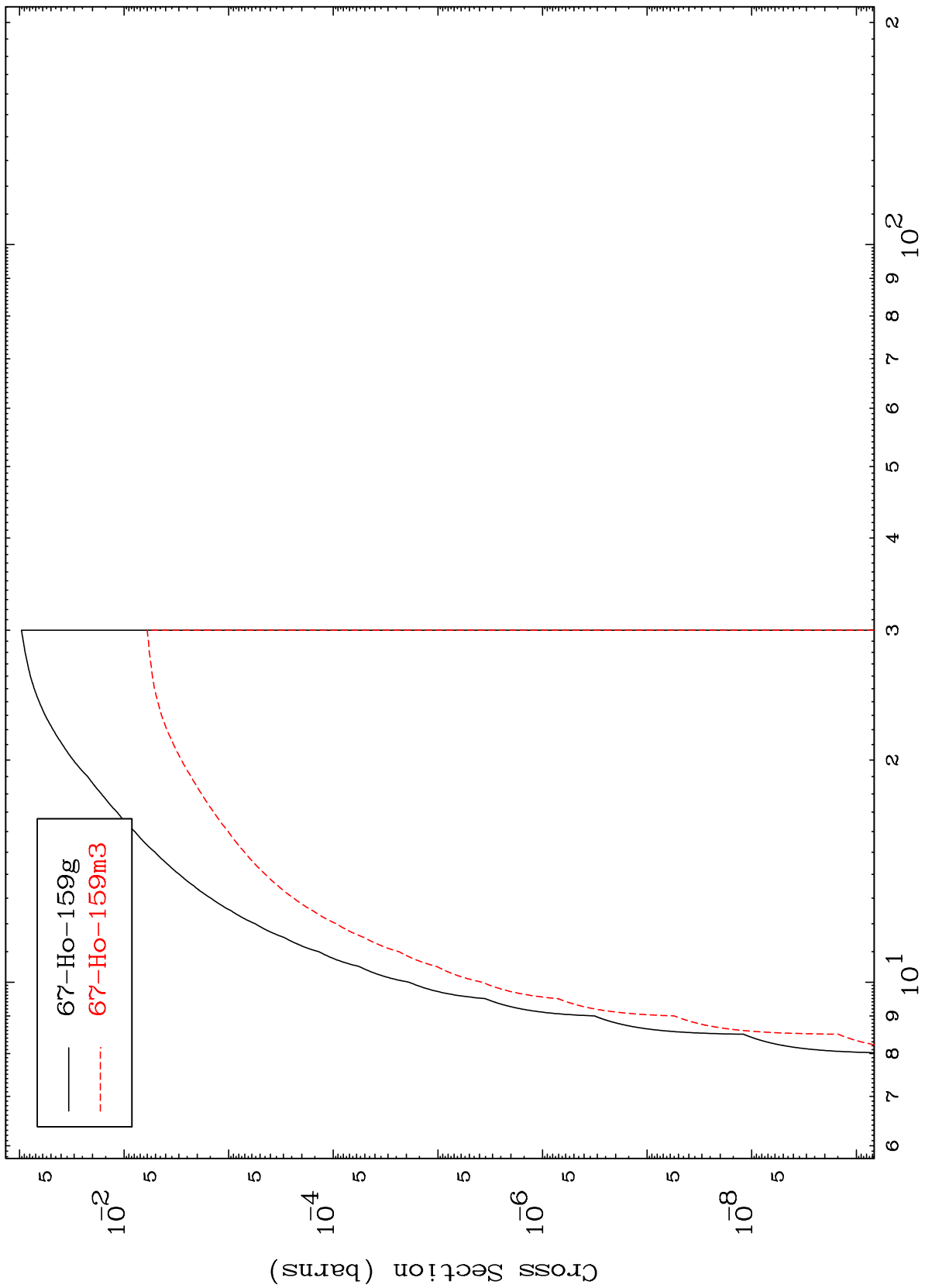
Incident Energy (MeV)

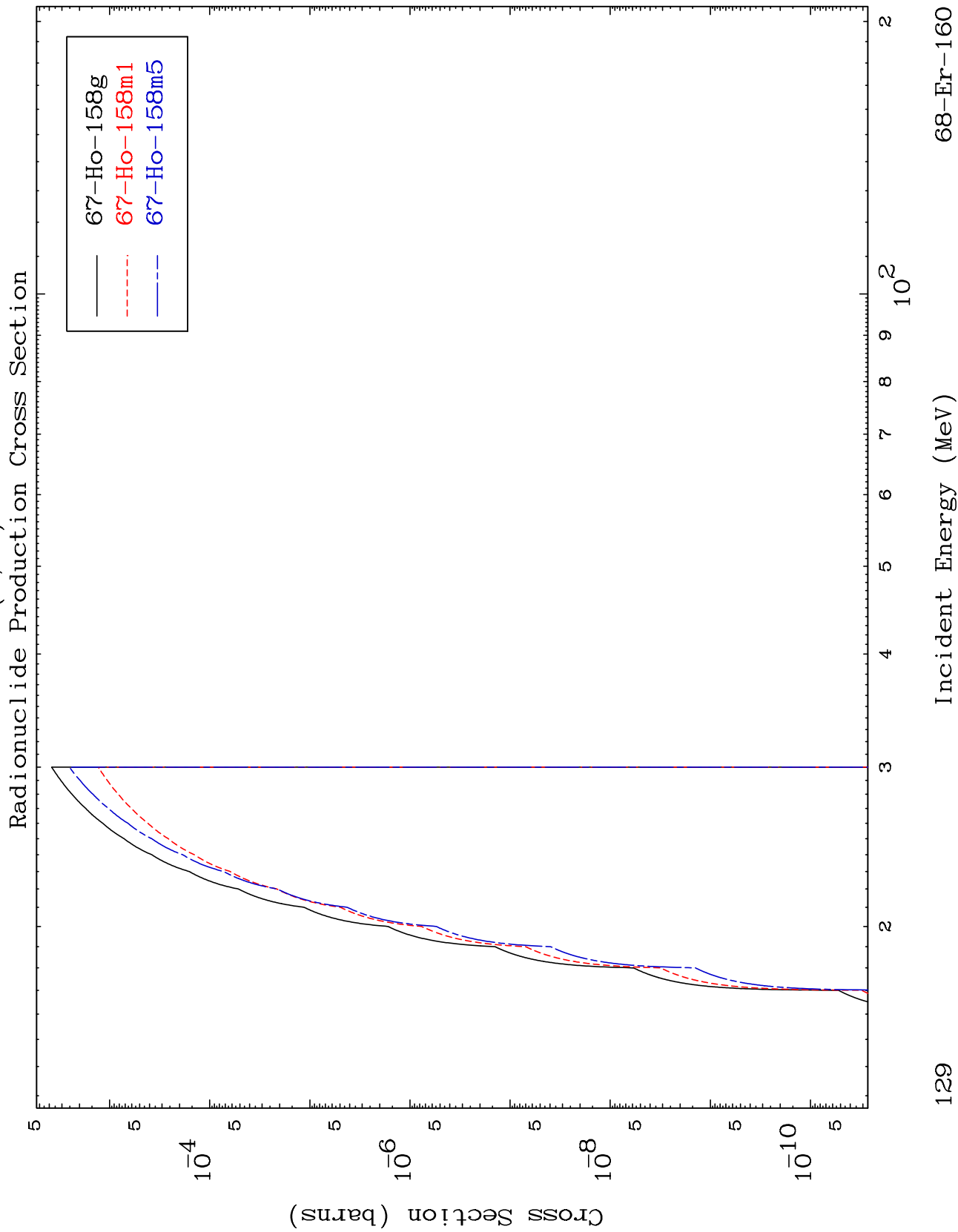
68-Er-160





(n,n') p  
Radionuclide Production Cross Section



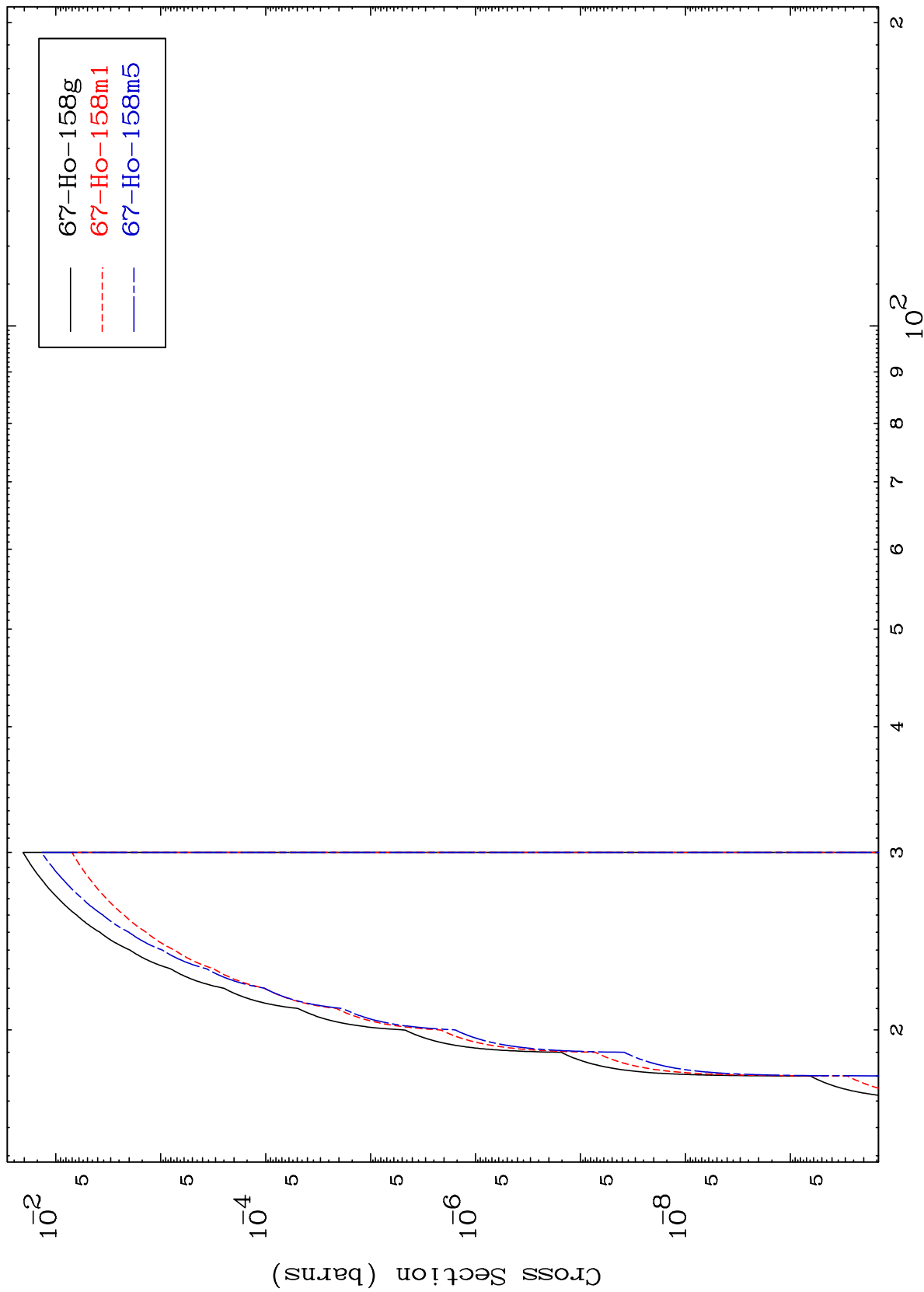


MAT 6819

(n,2n) p

68-Er-160

Radionuclide Production Cross Section



130

Incident Energy (MeV)

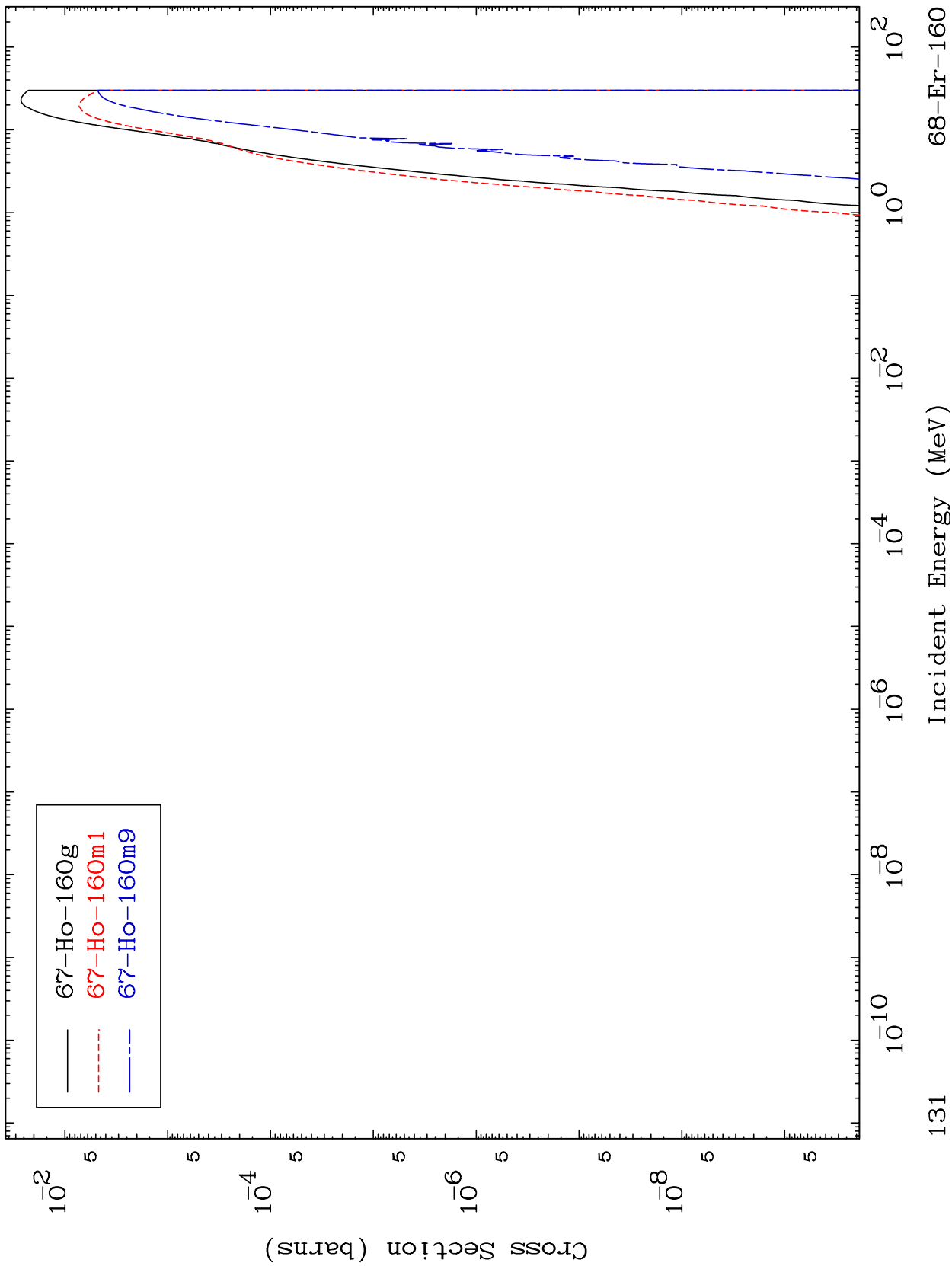
68-Er-160

MAT 6819

(n,p)

68-Er-160

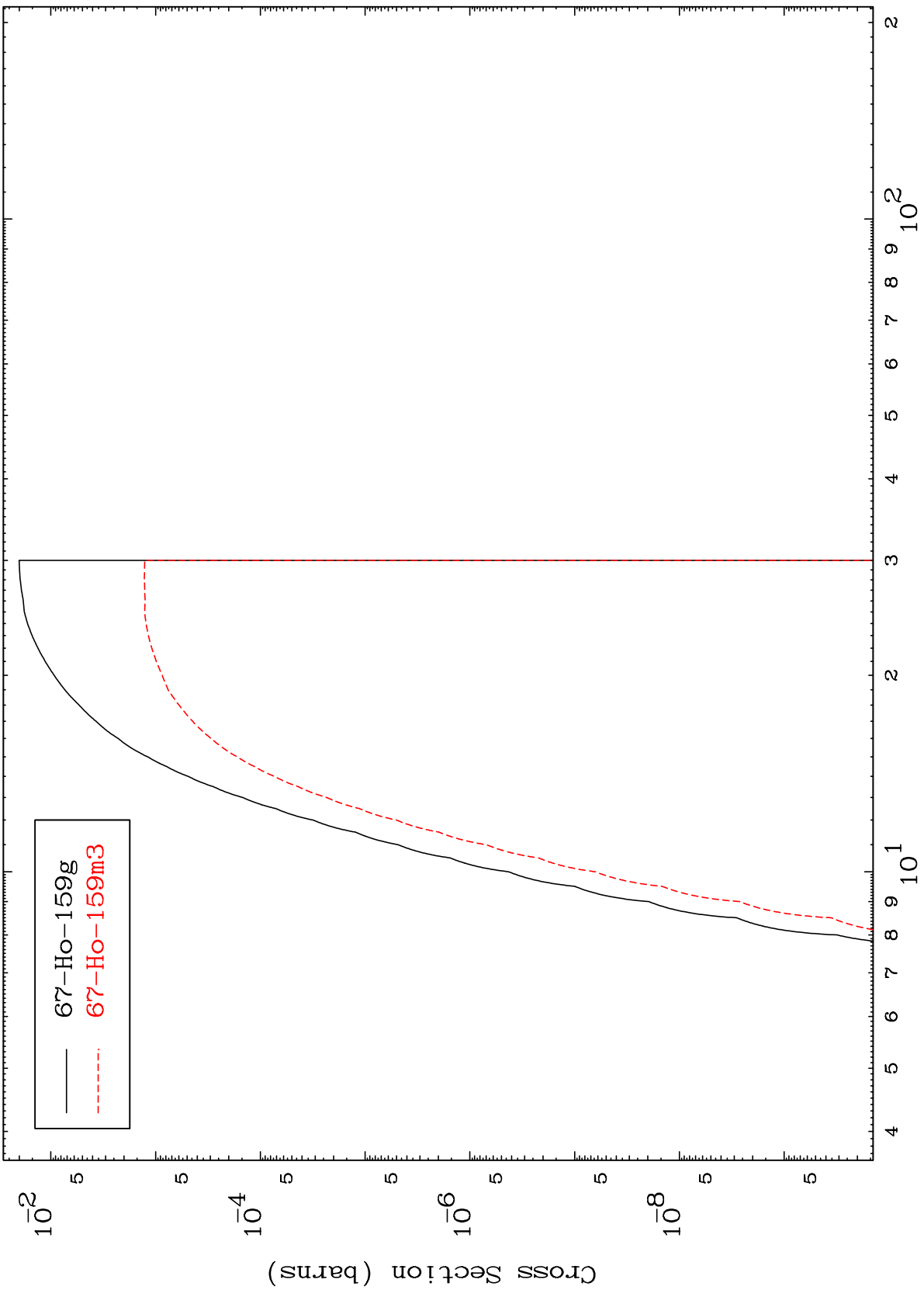
Radionuclide Production Cross Section



MAT 6819

68-Er-160

(n,d)  
Radionuclide Production Cross Section



132

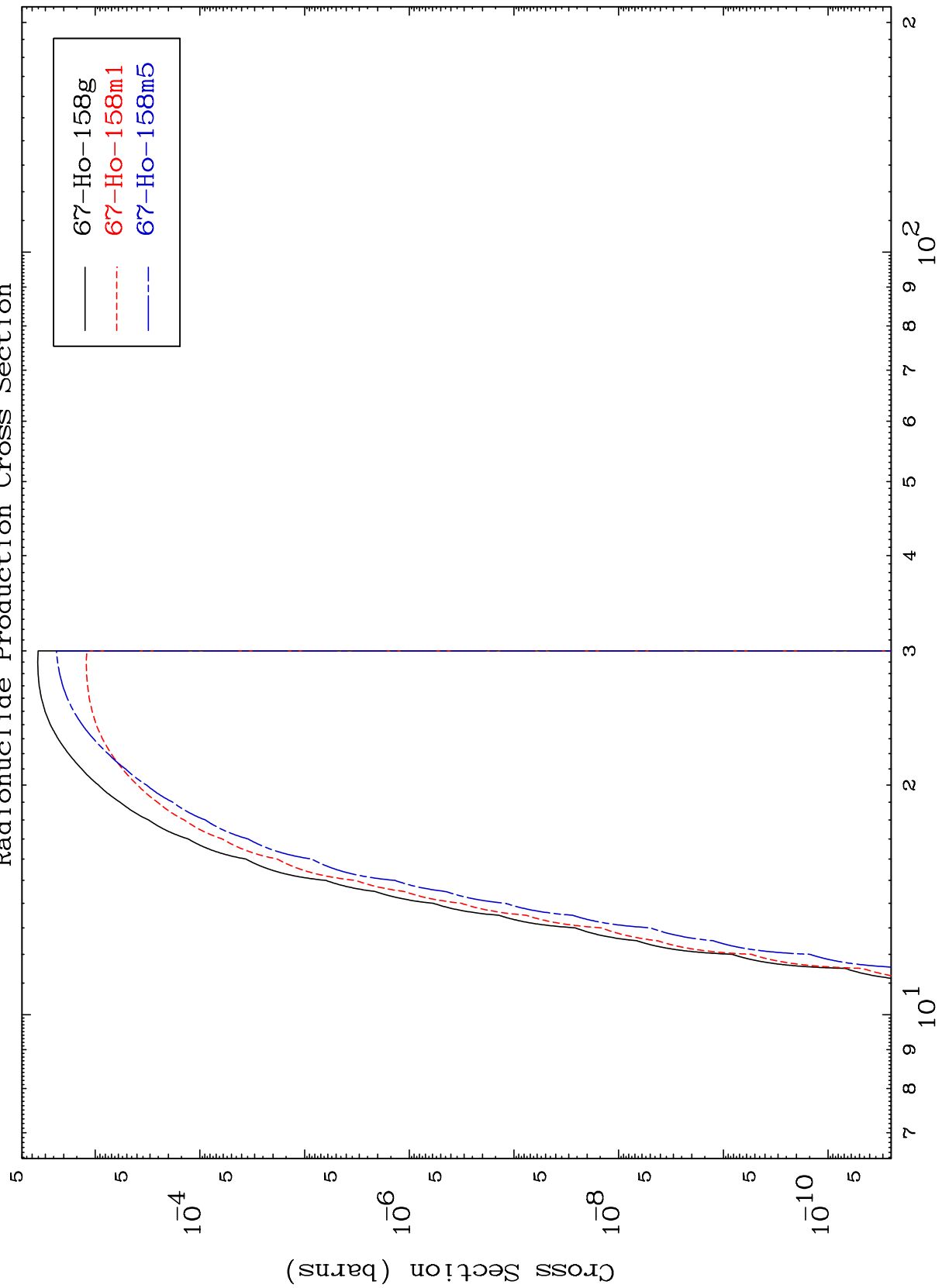
Incident Energy (MeV)

68-Er-160

MAT 6819

68-Er-160

(n, t)  
Radionuclide Production Cross Section



133

Incident Energy (MeV)

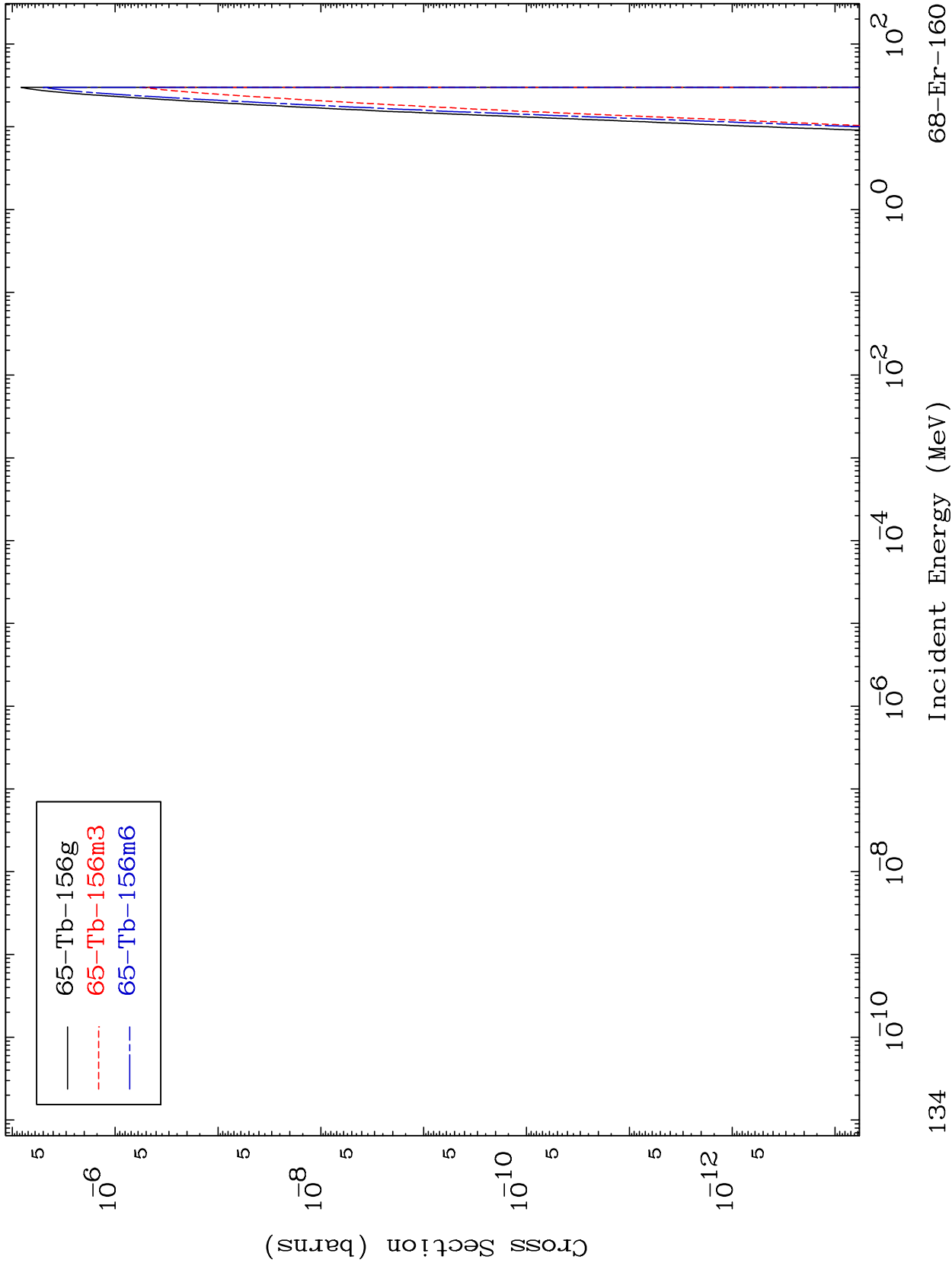
68-Er-160

MAT 6819

(n,p)  $\alpha$

68-Er-160

Radionuclide Production Cross Section



134