

Program EVALPLOT  
(Version 2017-1)

by

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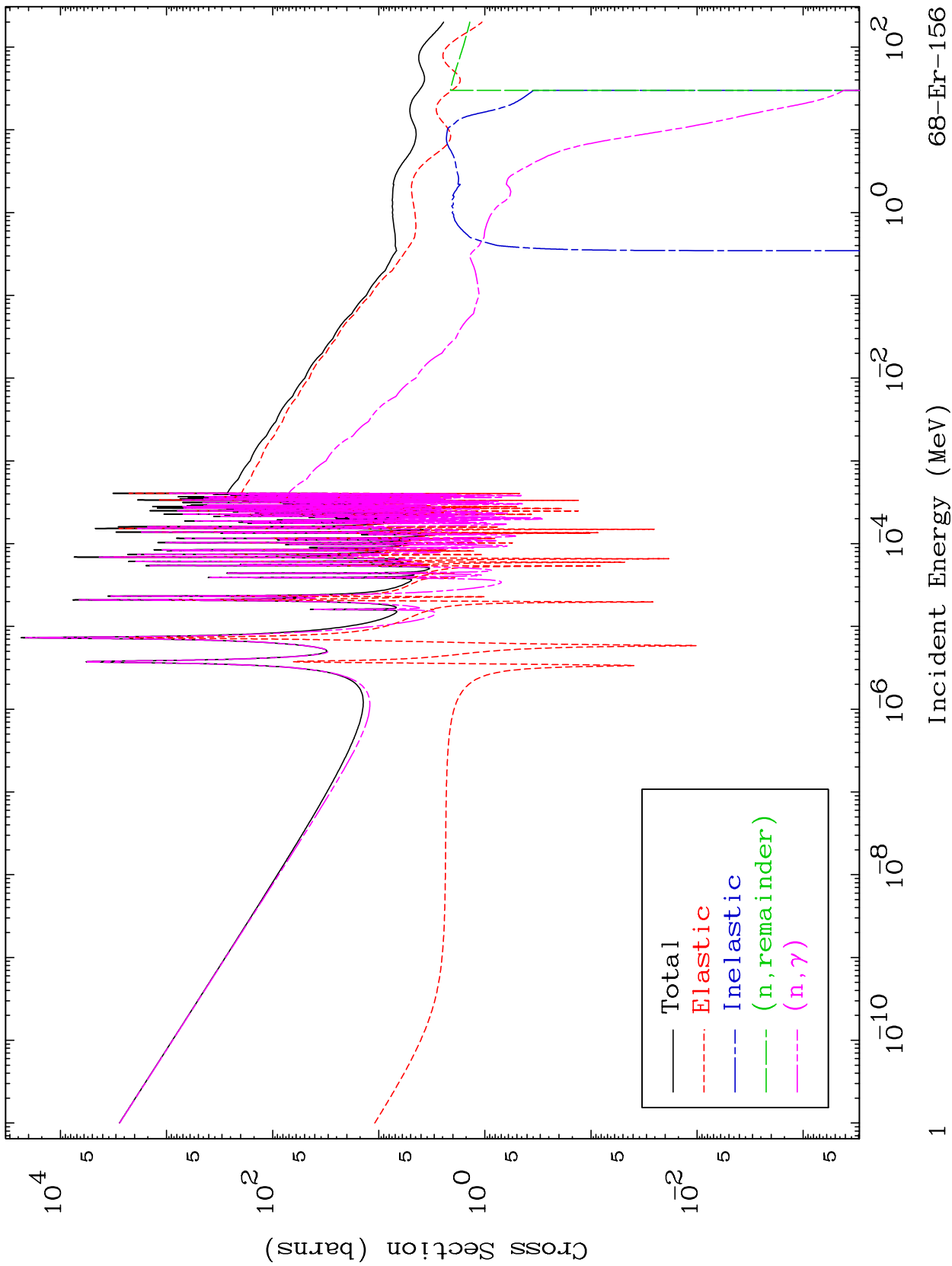
Press Mouse Button to Start

MAT 6807

Major

293 Kelvin Cross Sections

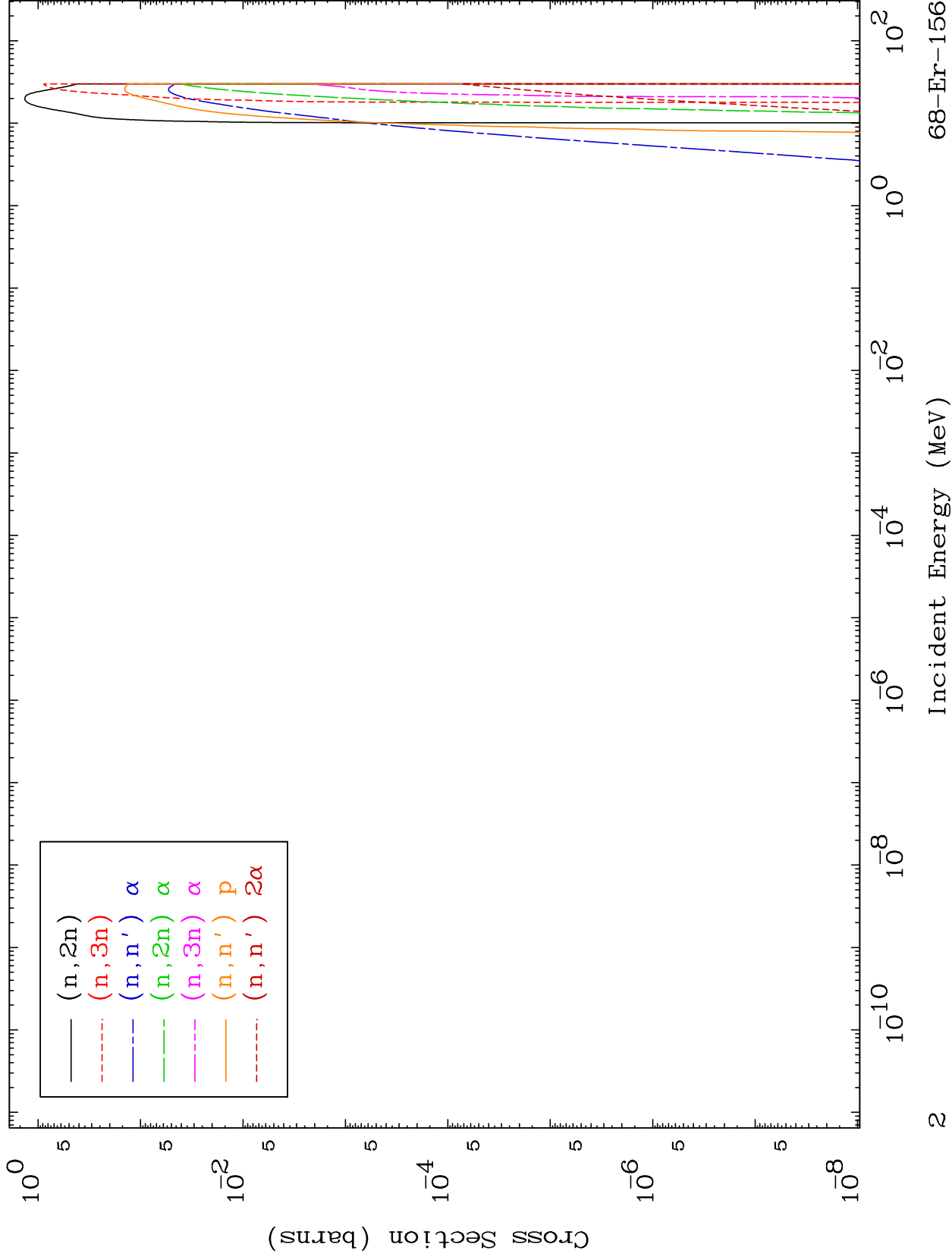
68-Er-156

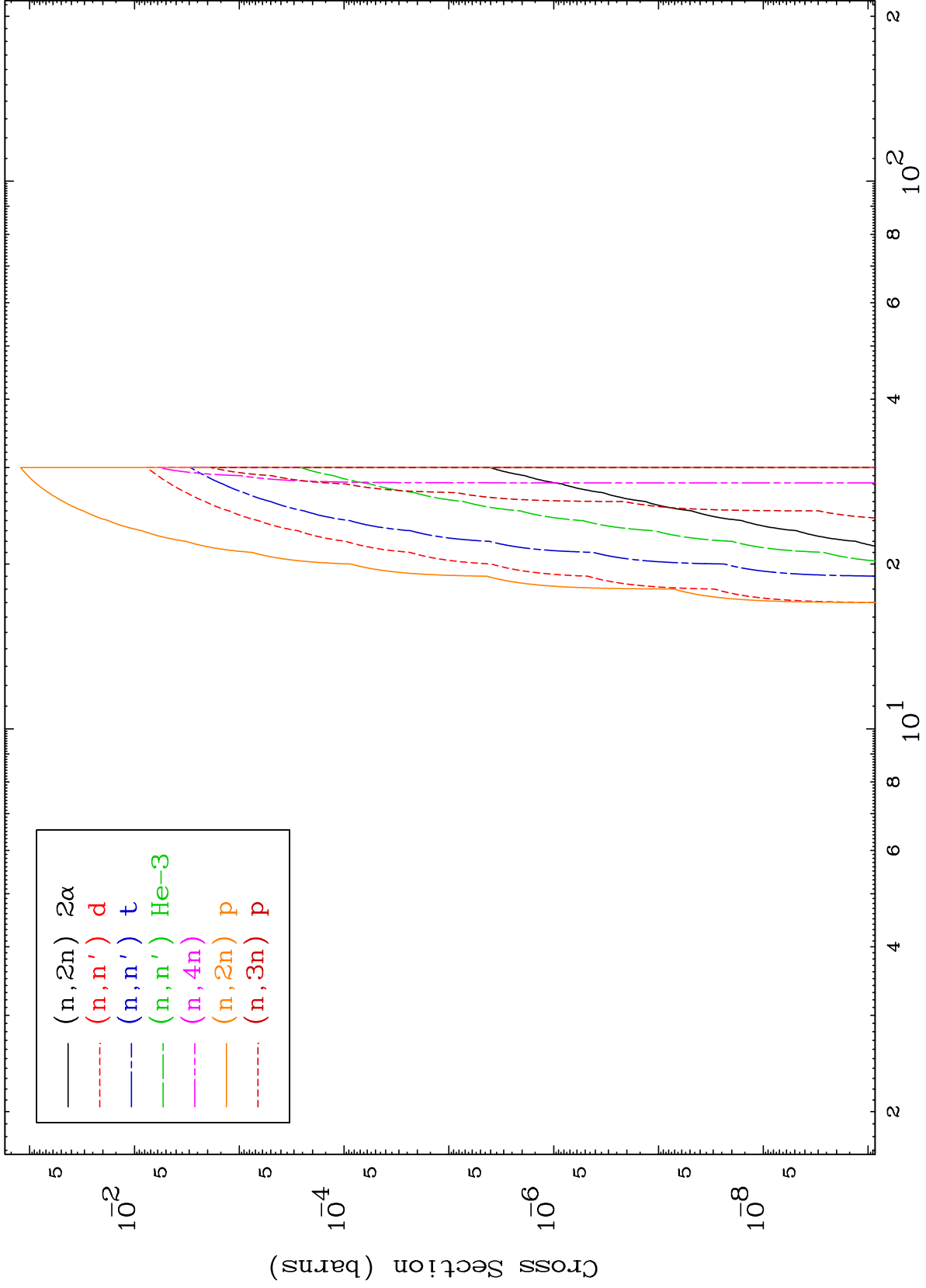


MAT 6807

Neutron Production  
293 Kelvin Cross Sections

68-Er-156

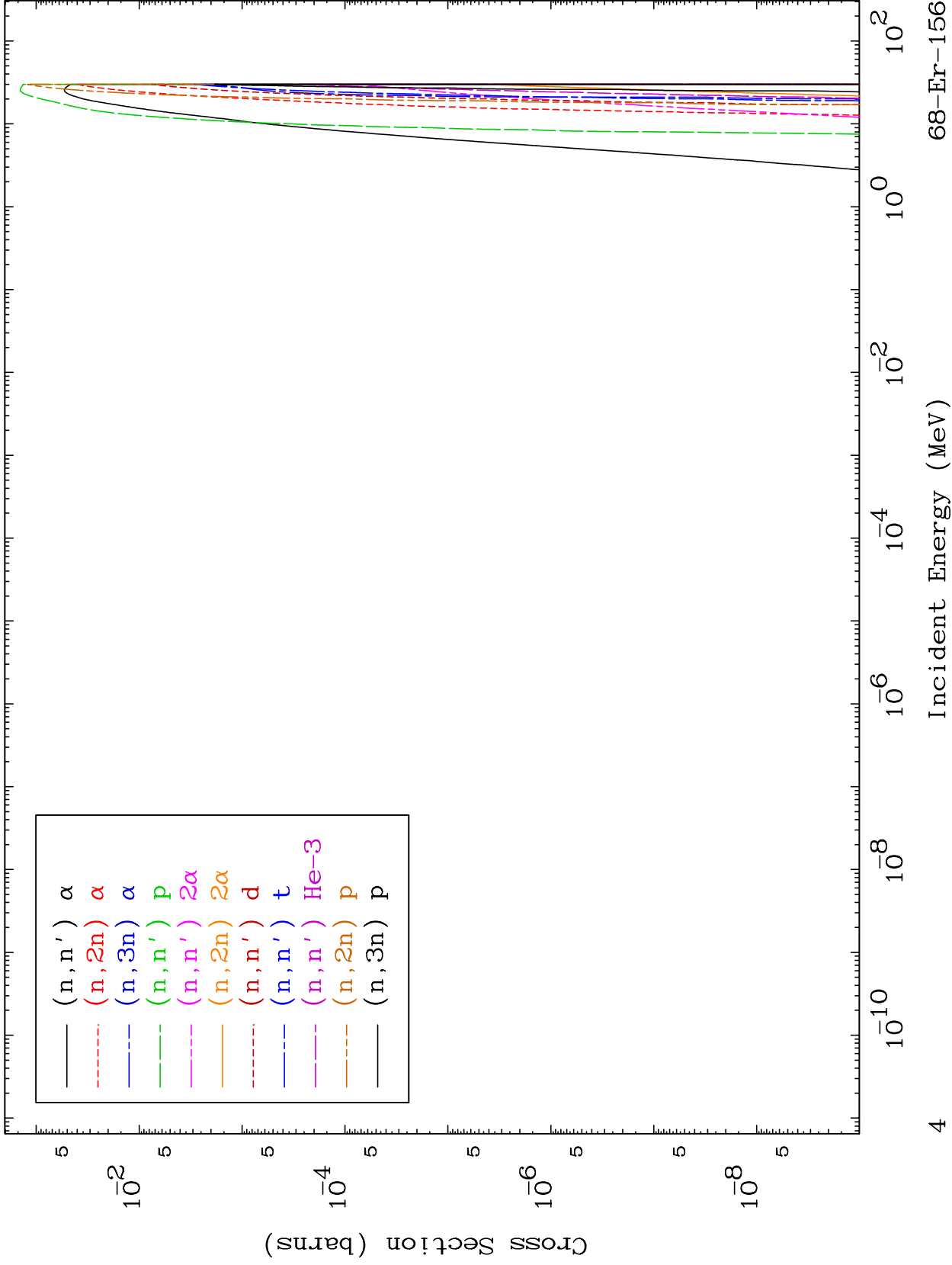




MAT 6807

Charged Particle  
293 Kelvin Cross Sections

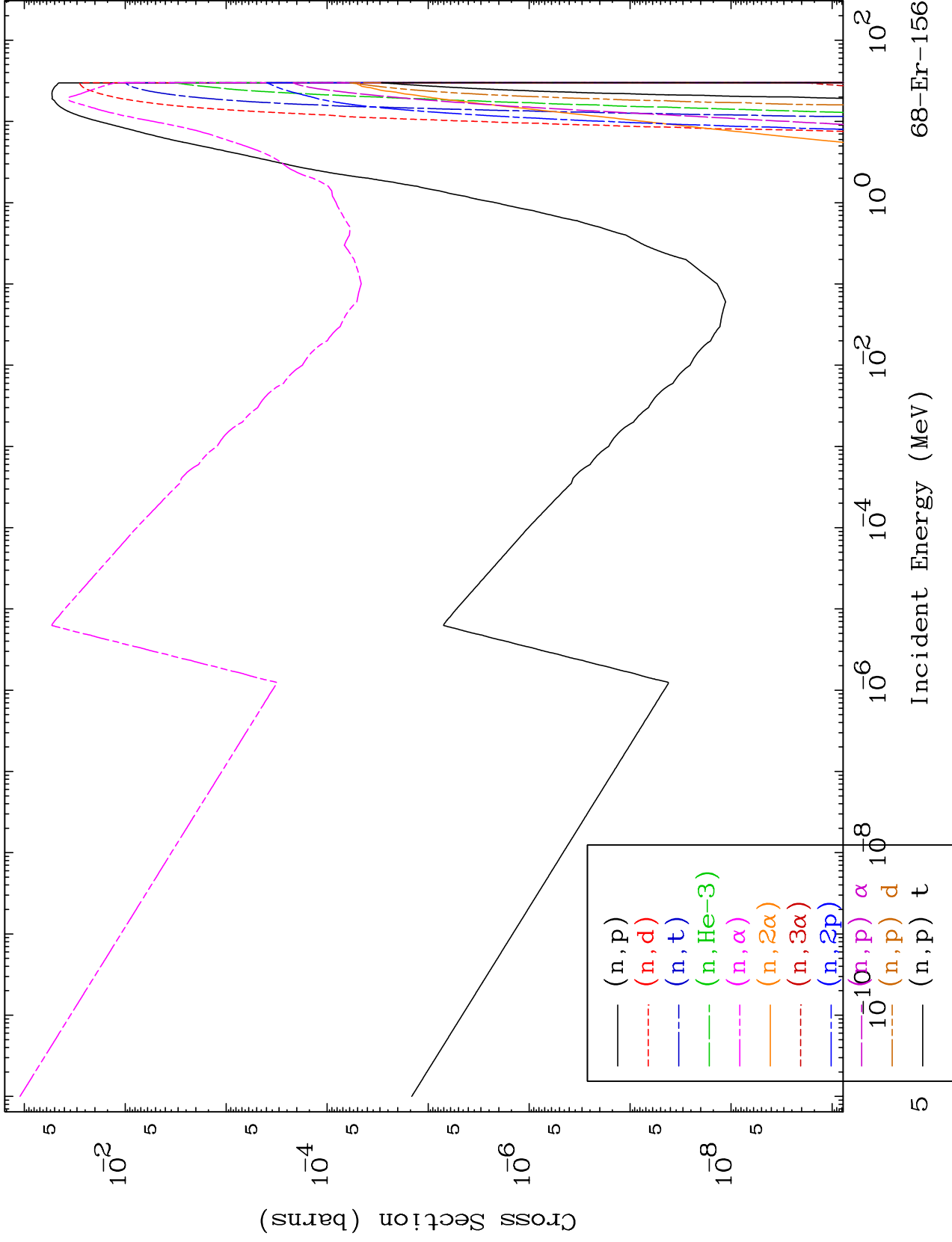
68-Er-156

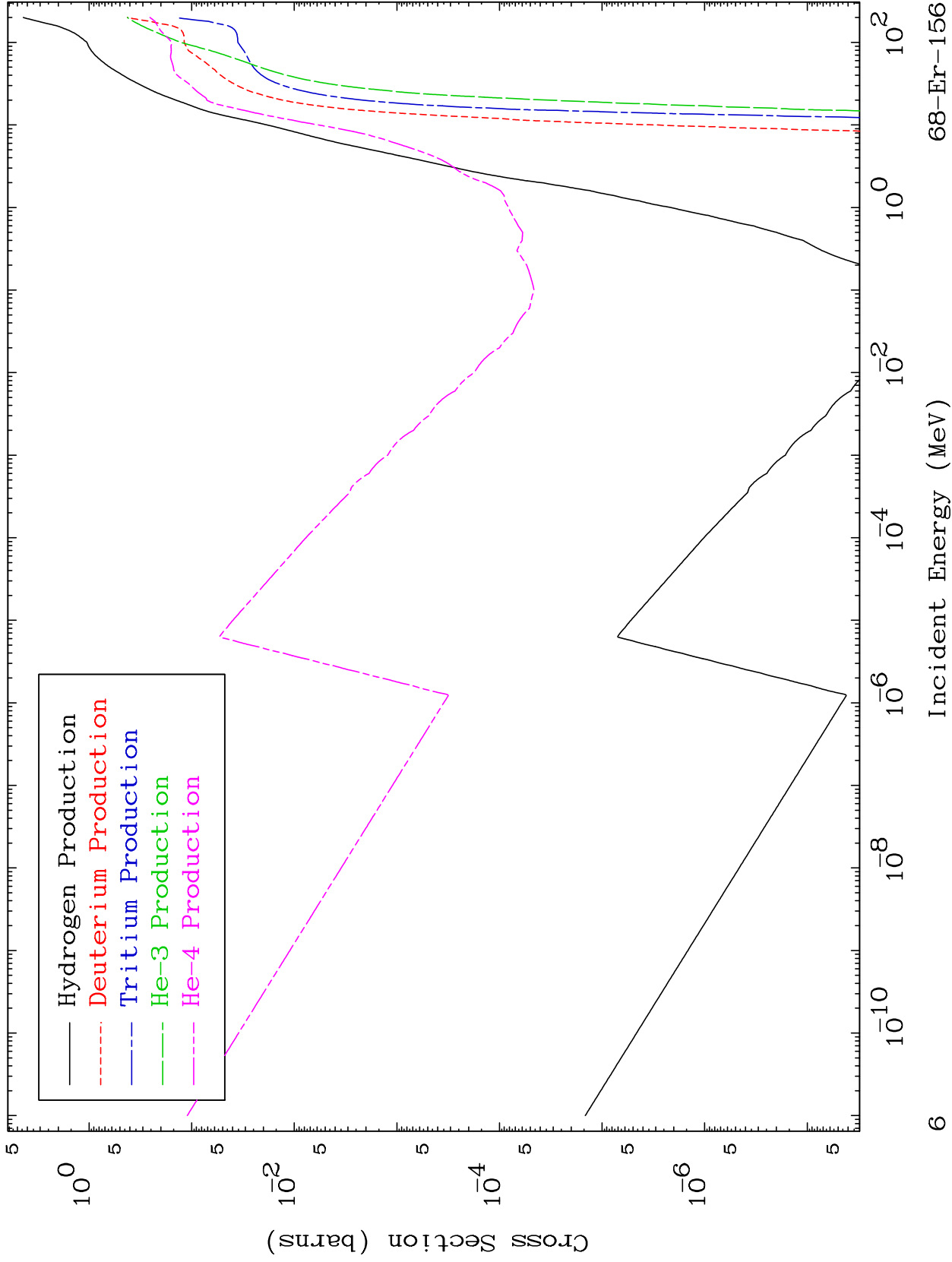


MAT 6807

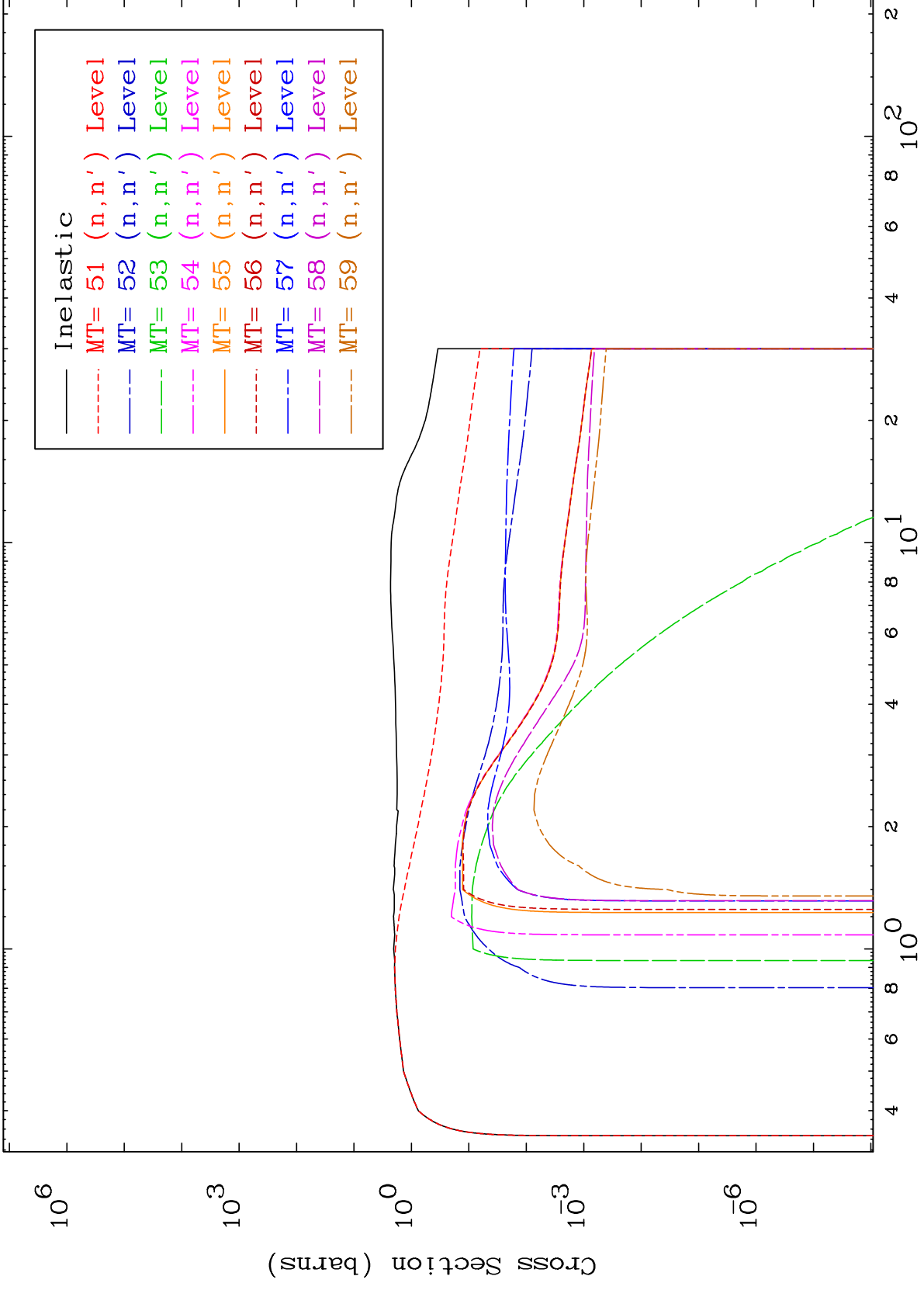
Charged Particle  
293 Kelvin Cross Sections

68-Er-156





293 Kelvin Cross Sections



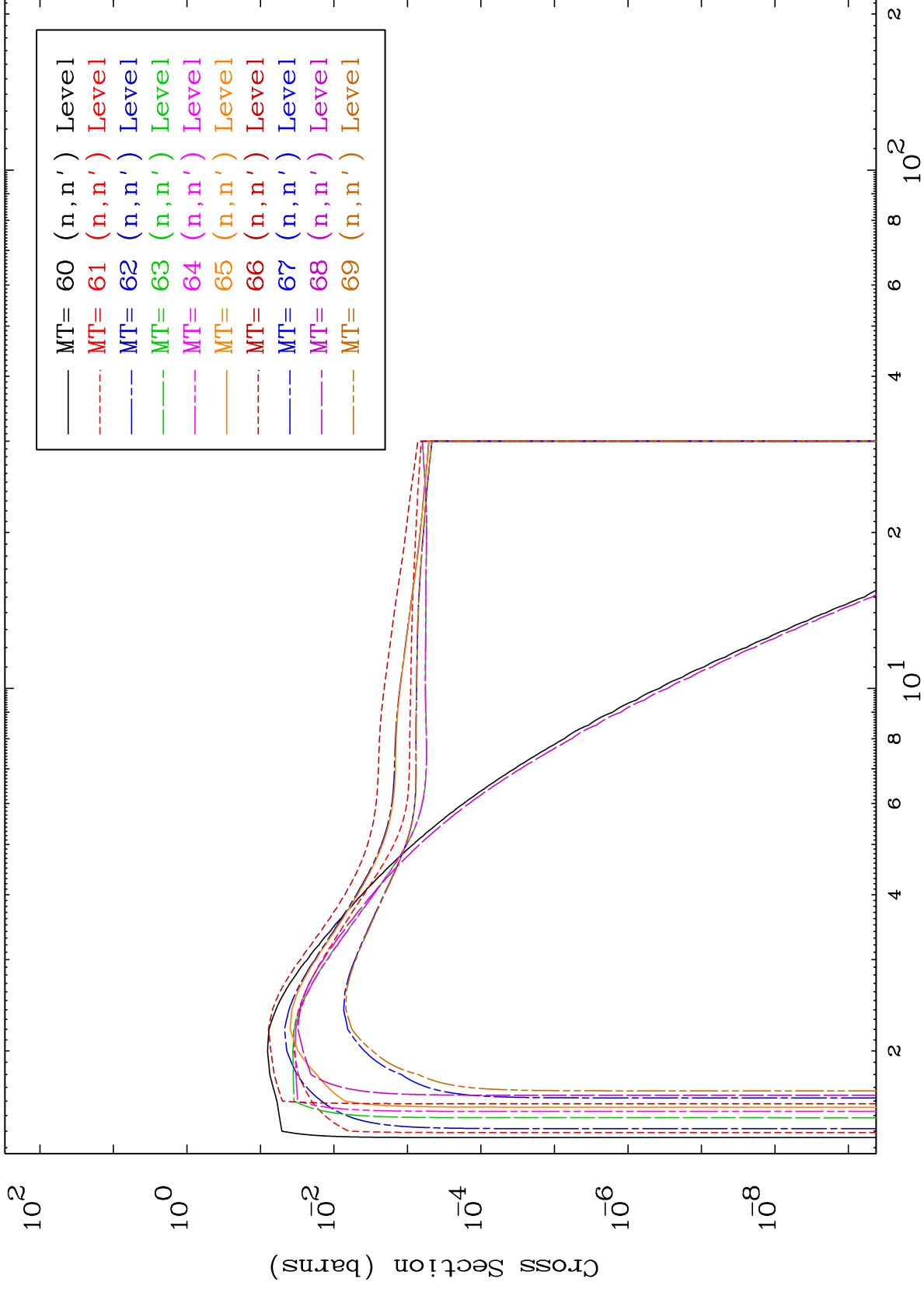


MAT 6807

(n,n') Level

293 Kelvin Cross Sections

68-Er-156

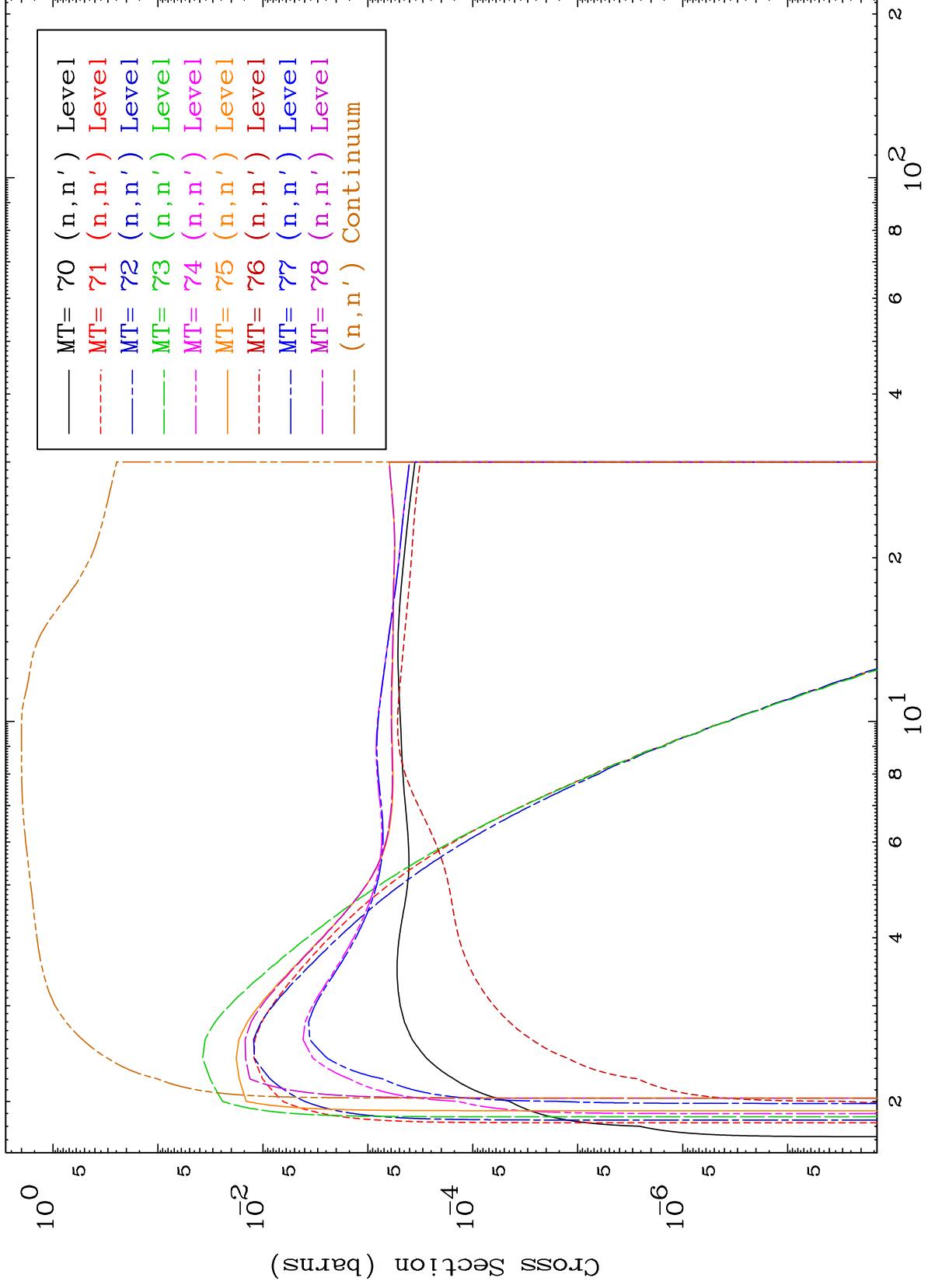


8

Incident Energy (MeV)

68-Er-156

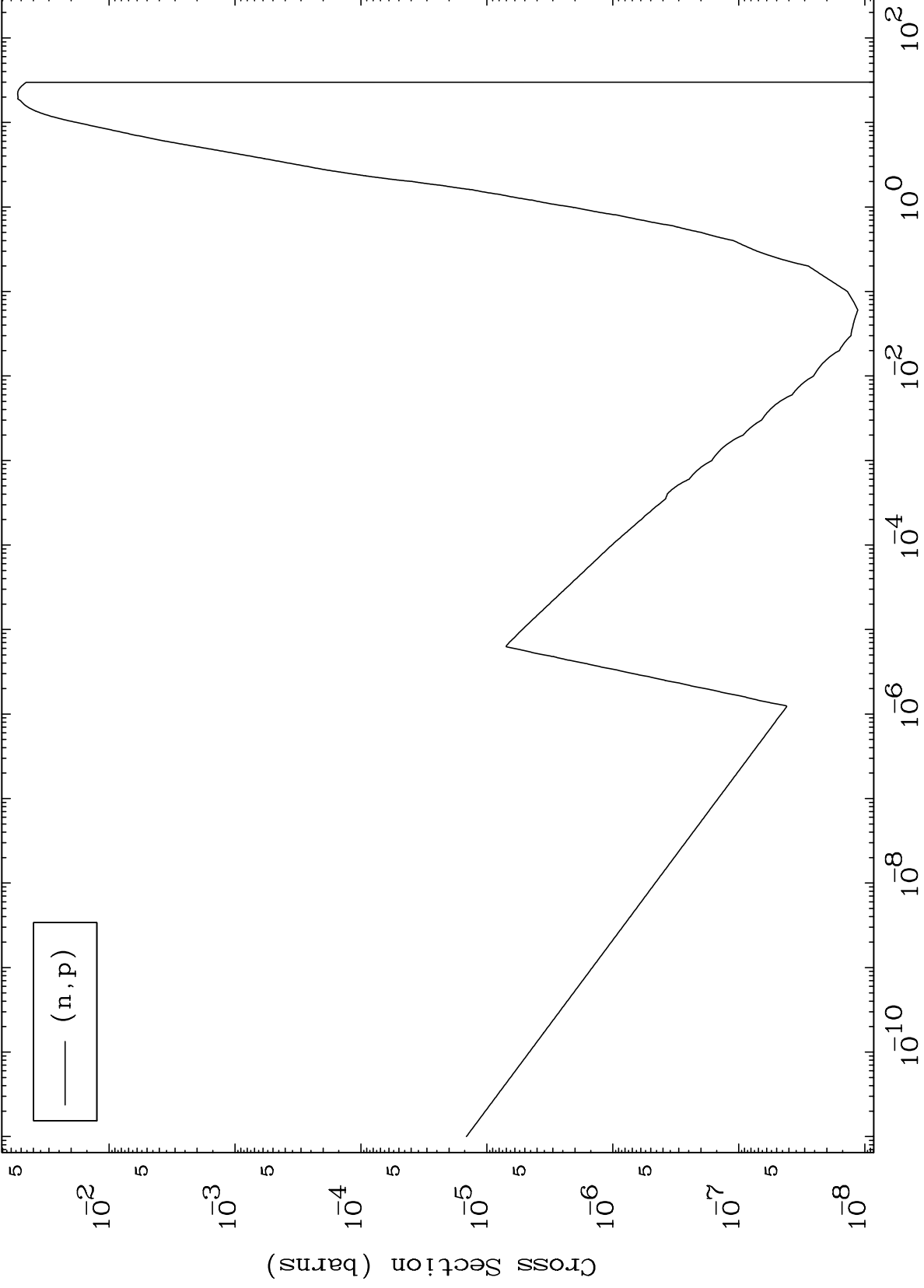
293 Kelvin Cross Sections



MAT 6807

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-156



10

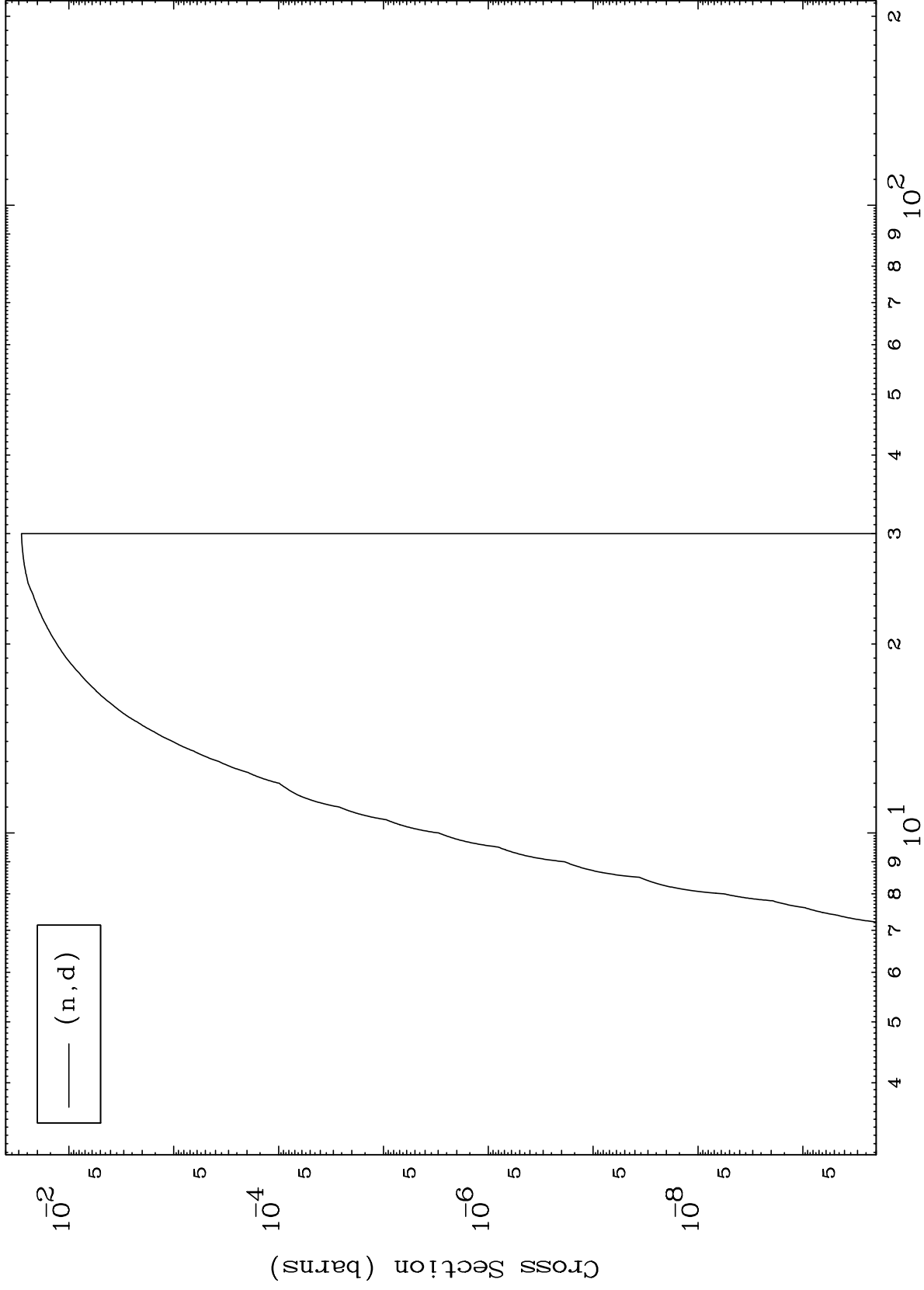
Incident Energy (MeV)

68-Er-156

MAT 6807

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-156



11

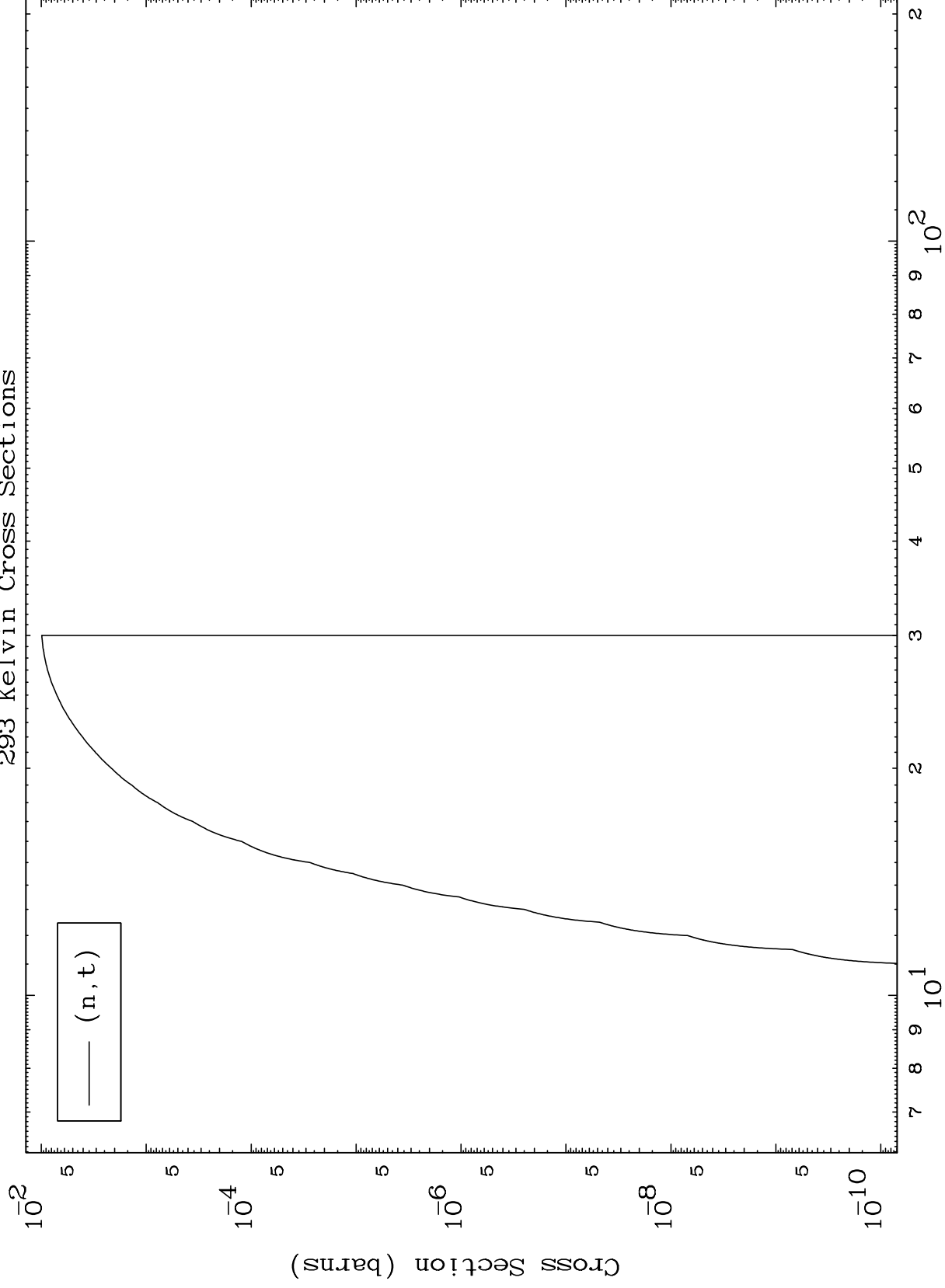
Incident Energy (MeV)

68-Er-156

MAT 6807

(n, t) Levels  
293 Kelvin Cross Sections

68-Er-156



12

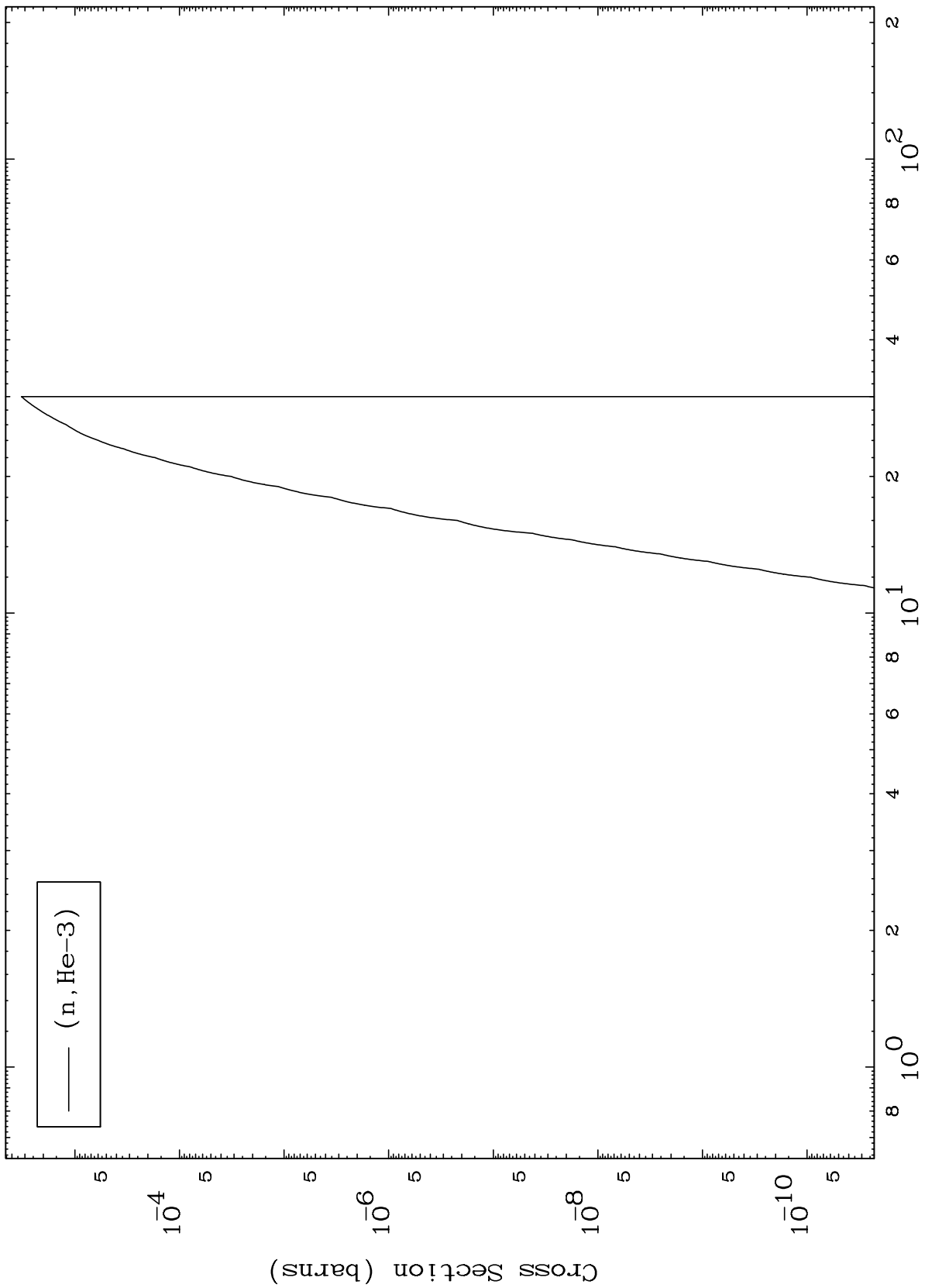
Incident Energy (MeV)

68-Er-156

MAT 6807

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-156



13

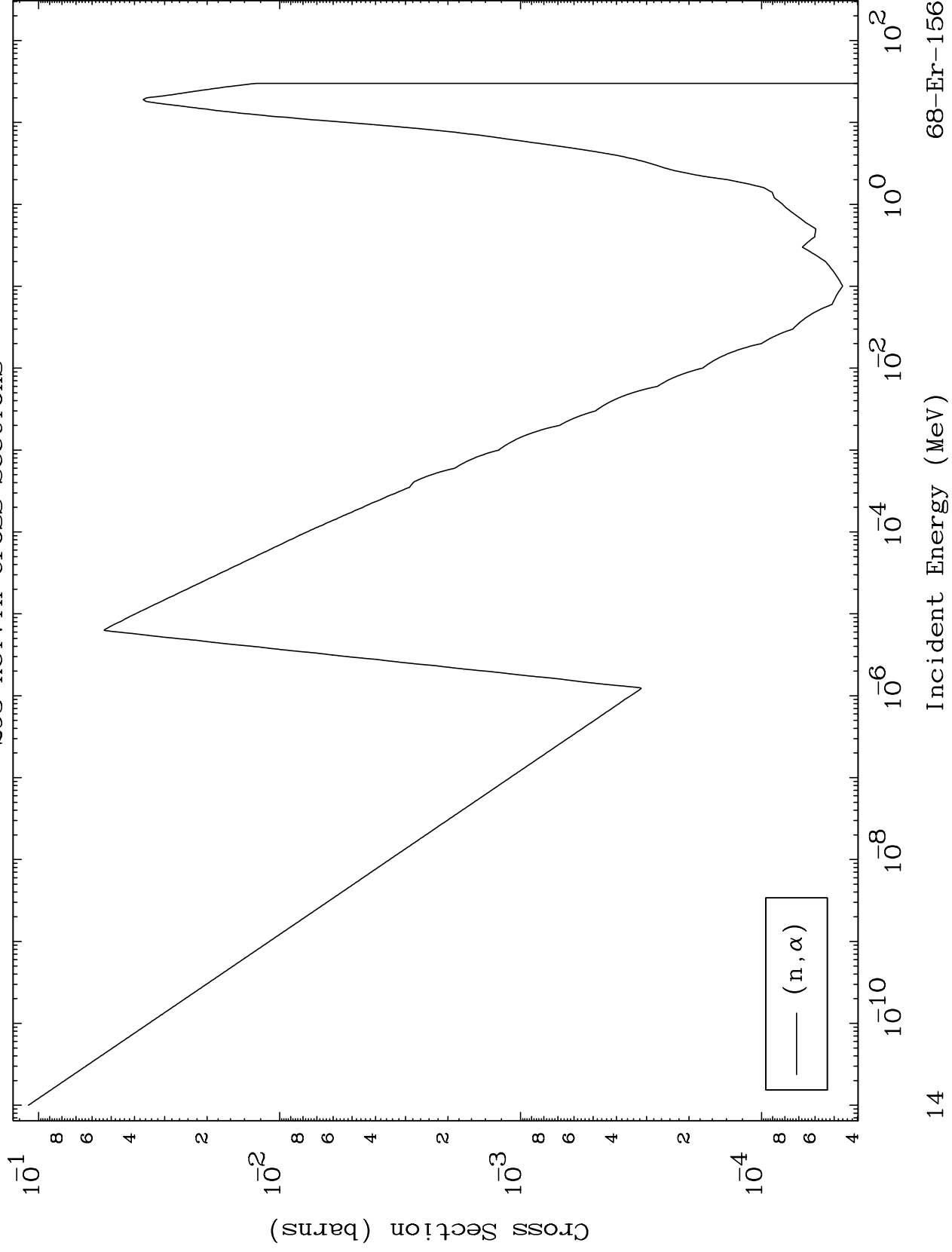
Incident Energy (MeV)

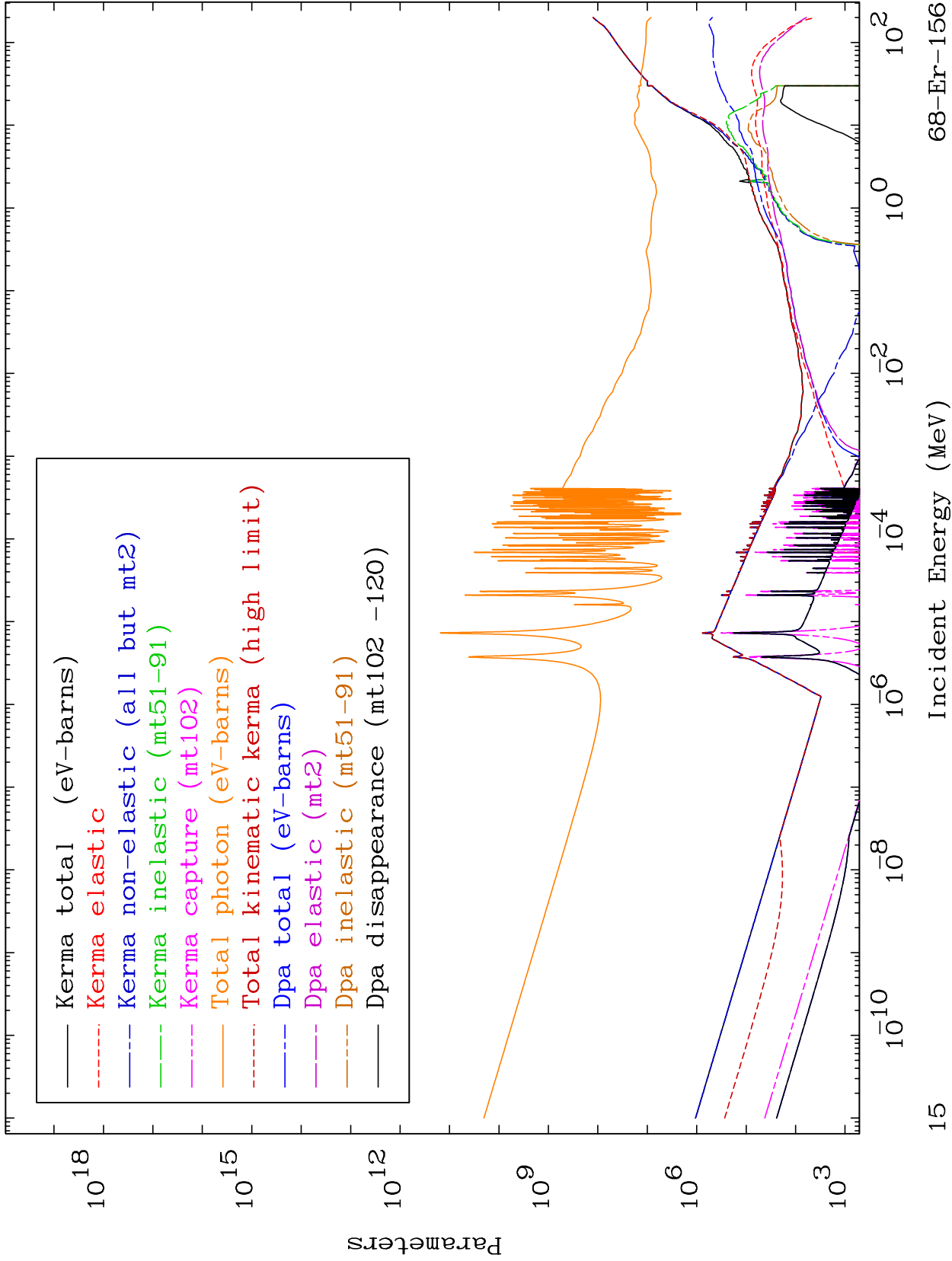
68-Er-156

MAT 6807

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

68-Er-156



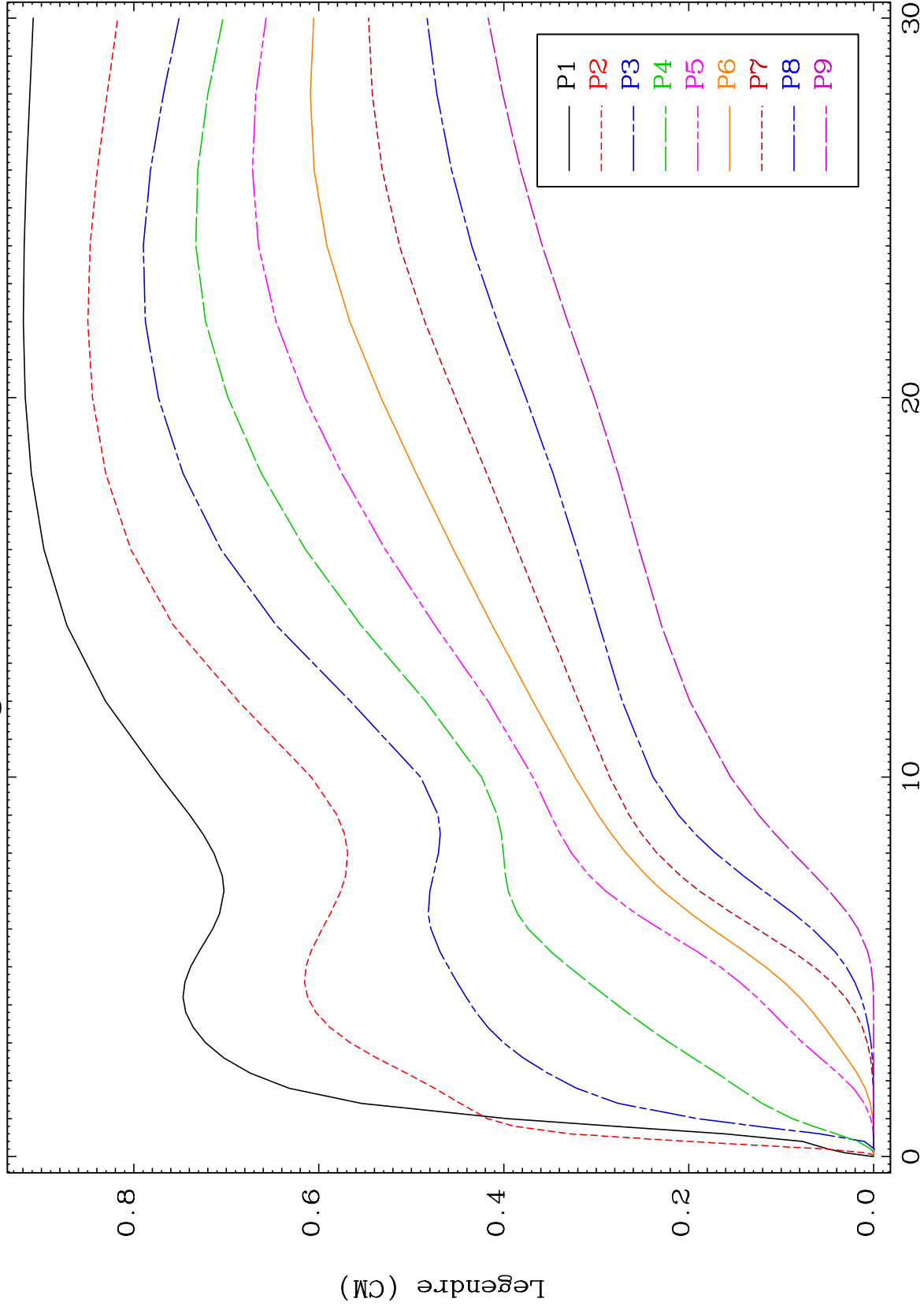




MAT 6807

Elastic Legendre Coefficients

68-Er-156



16

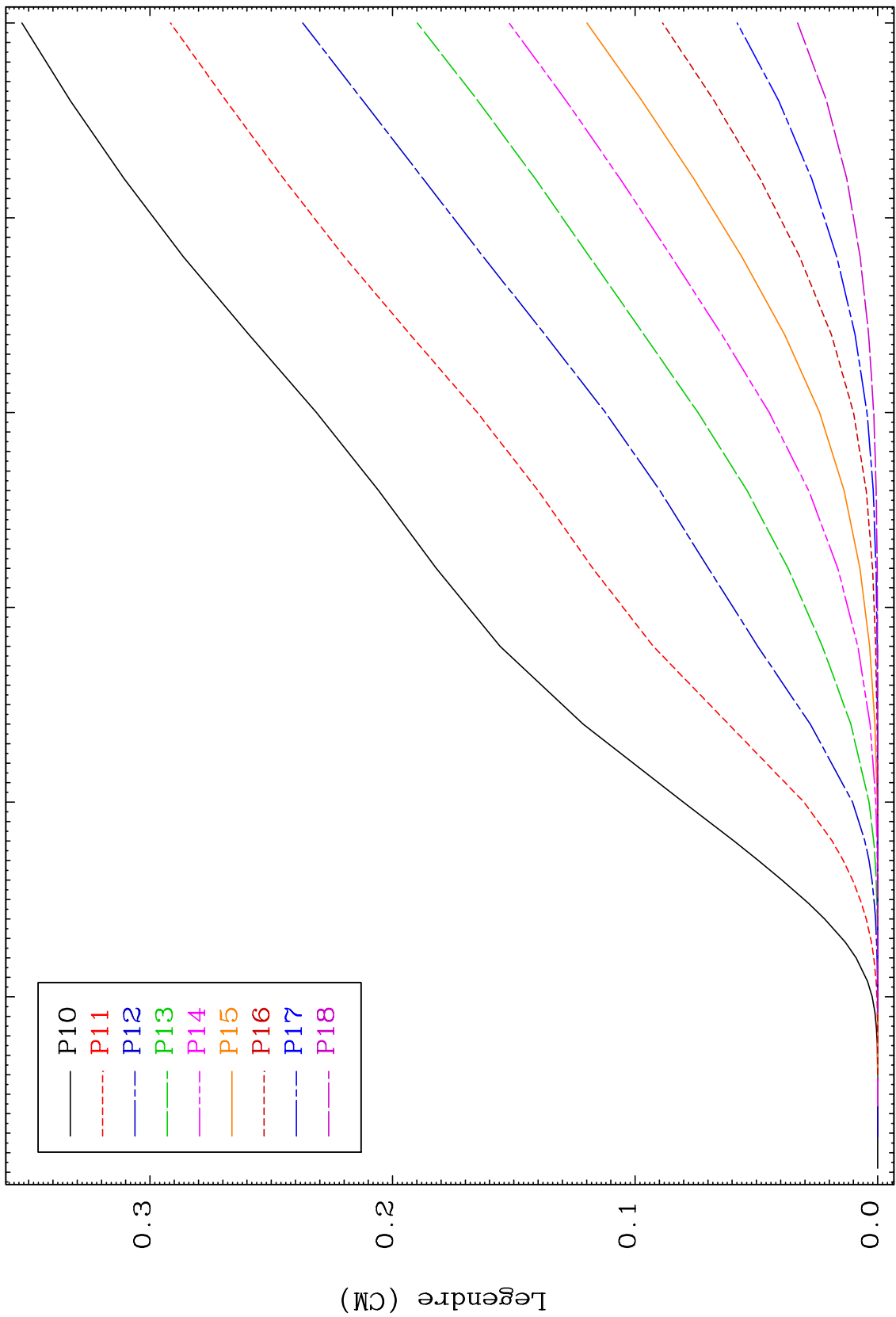
Incident Energy (MeV)

68-Er-156

MAT 6807

Elastic Legendre Coefficients

68-Er-156



17

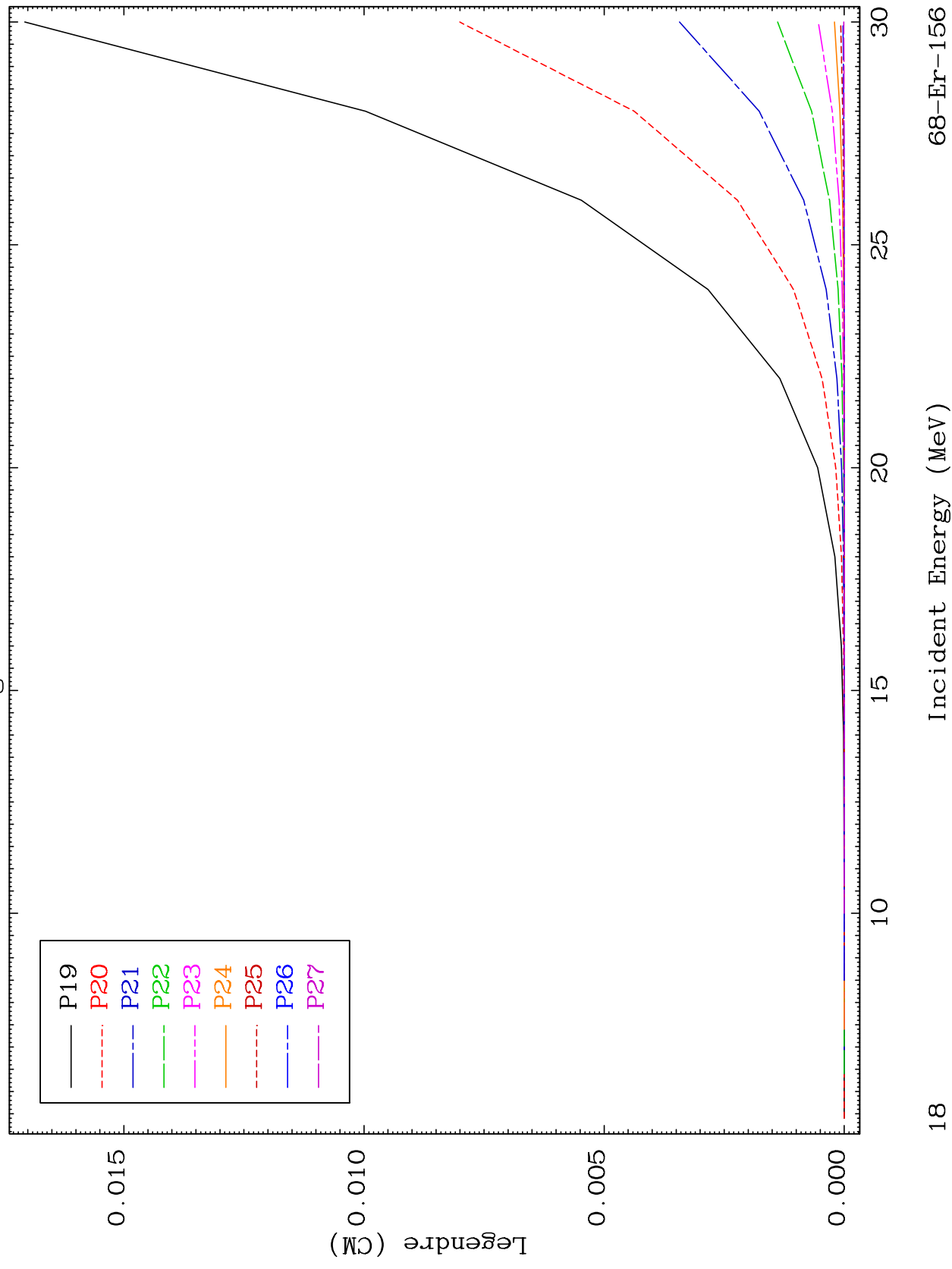
68-Er-156

Incident Energy (MeV)

MAT 6807

### Elastic Legendre Coefficients

68-Er-156



18

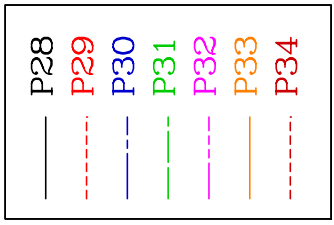
Incident Energy (MeV)

68-Er-156

MAT 6807

Elastic Legendre Coefficients

68-Er-156



$\times 10^{-6}$   
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

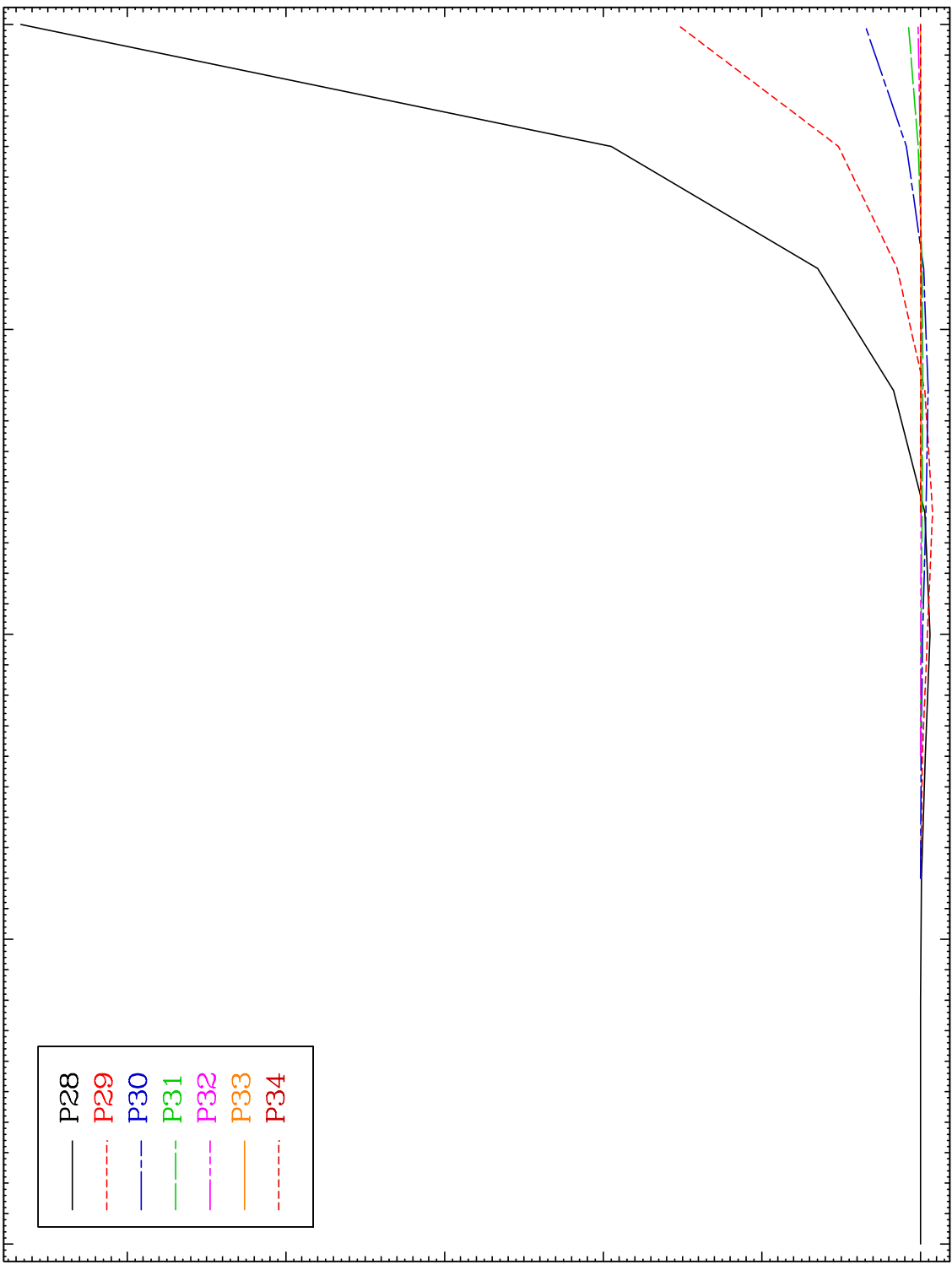
Legendre (CM)

10 15 20 25 30

19

Incident Energy (MeV)

68-Er-156

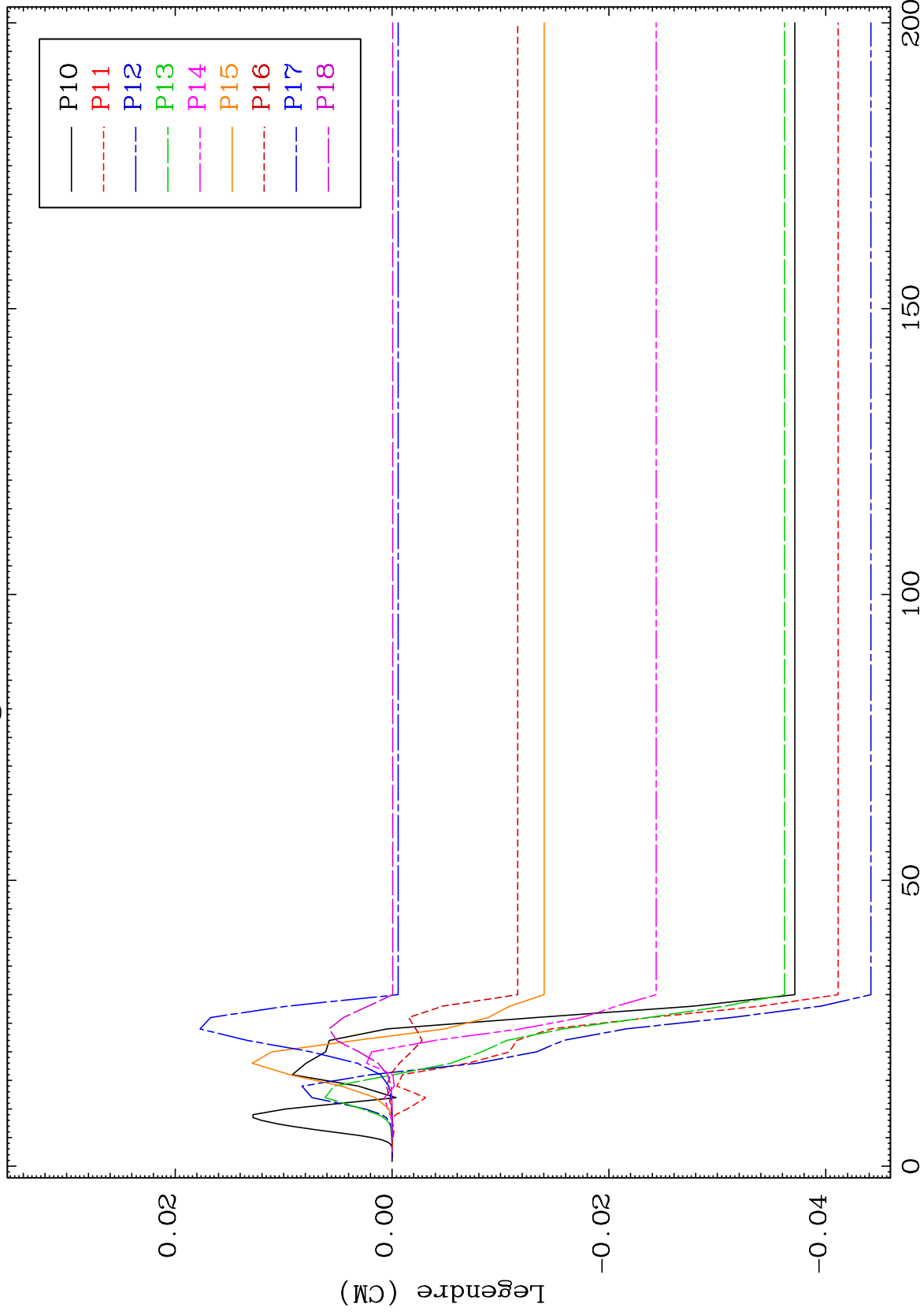




MAT 6807

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

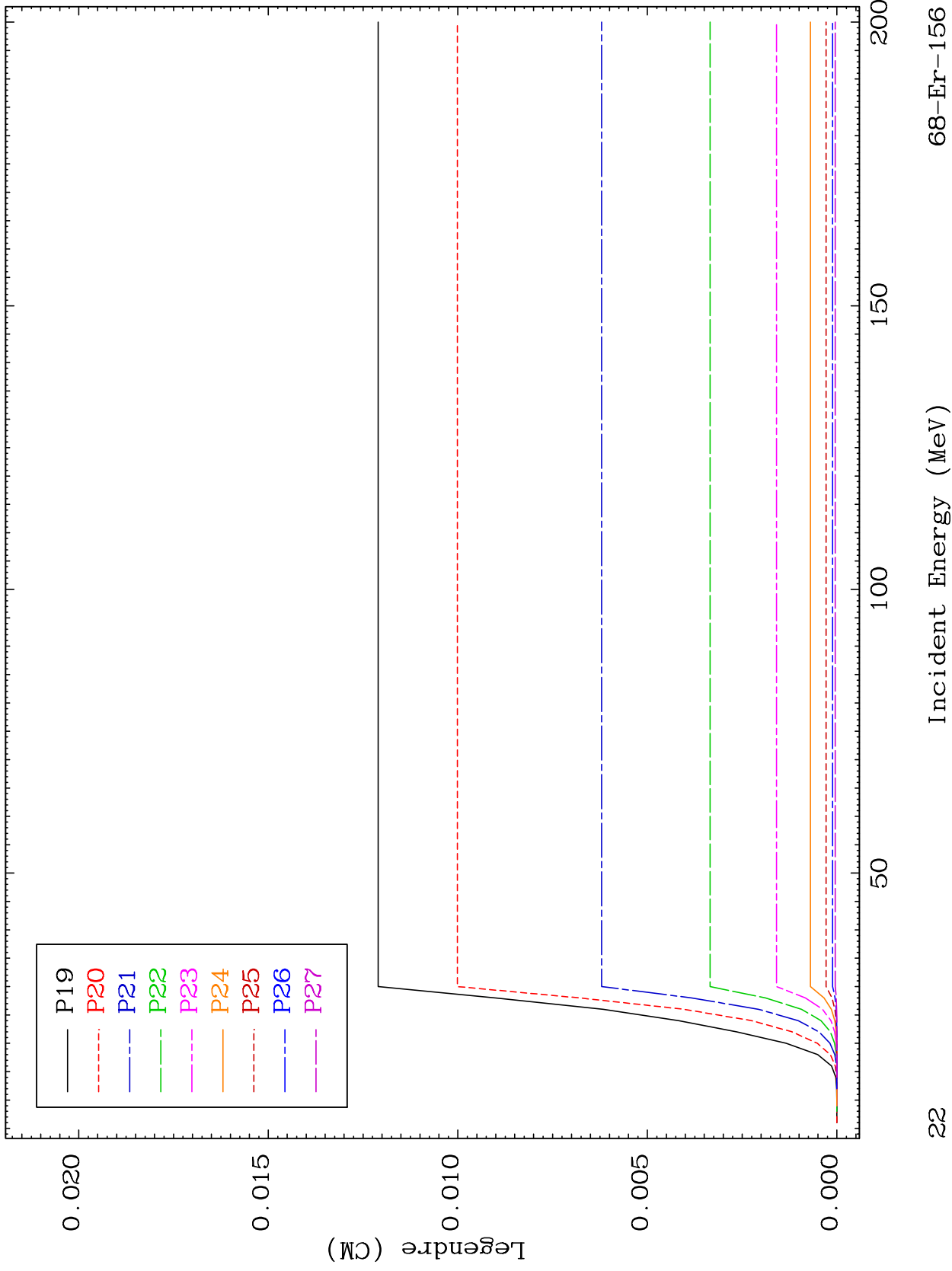
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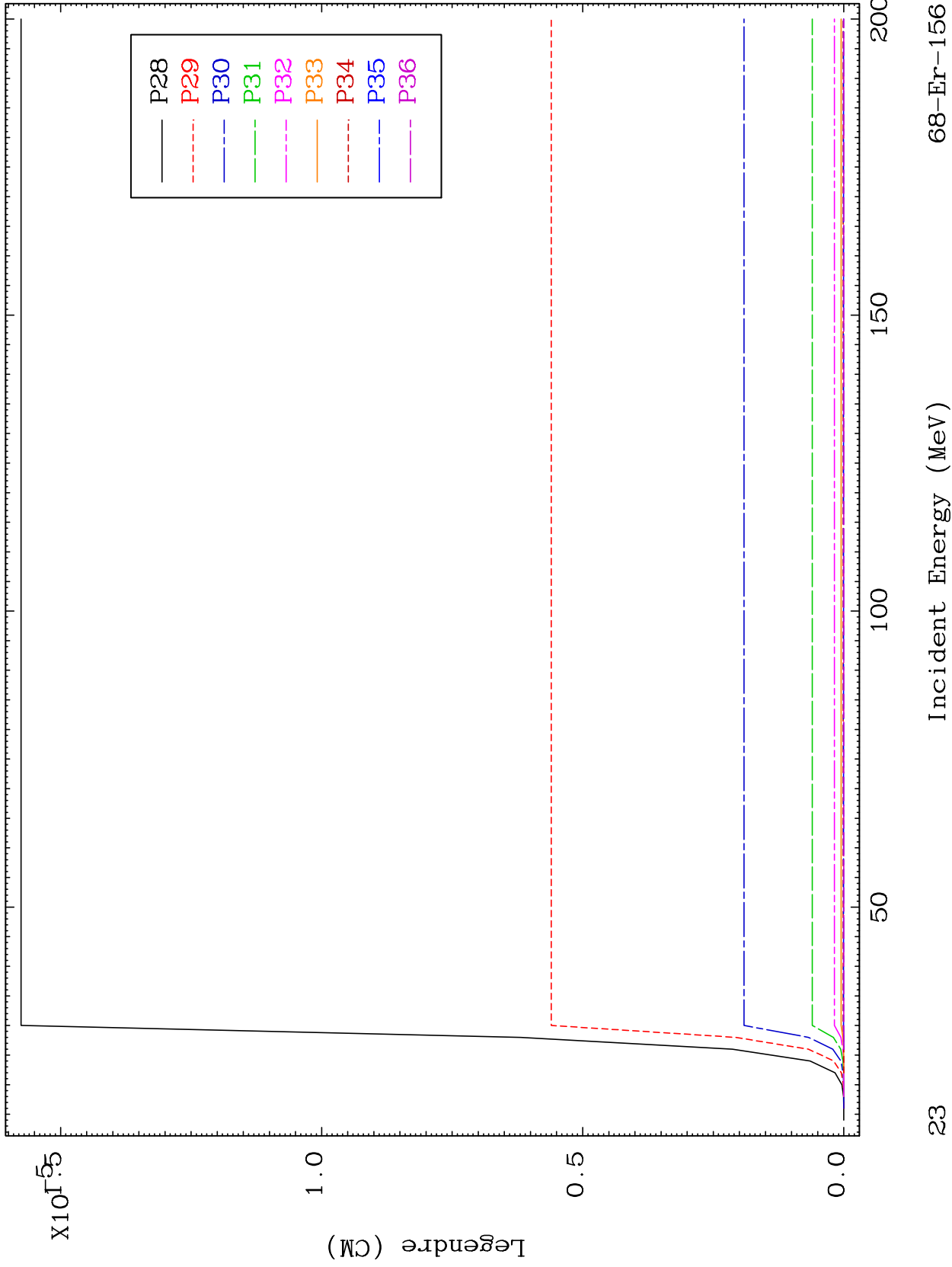


21

Incident Energy (MeV)

68-Er-156



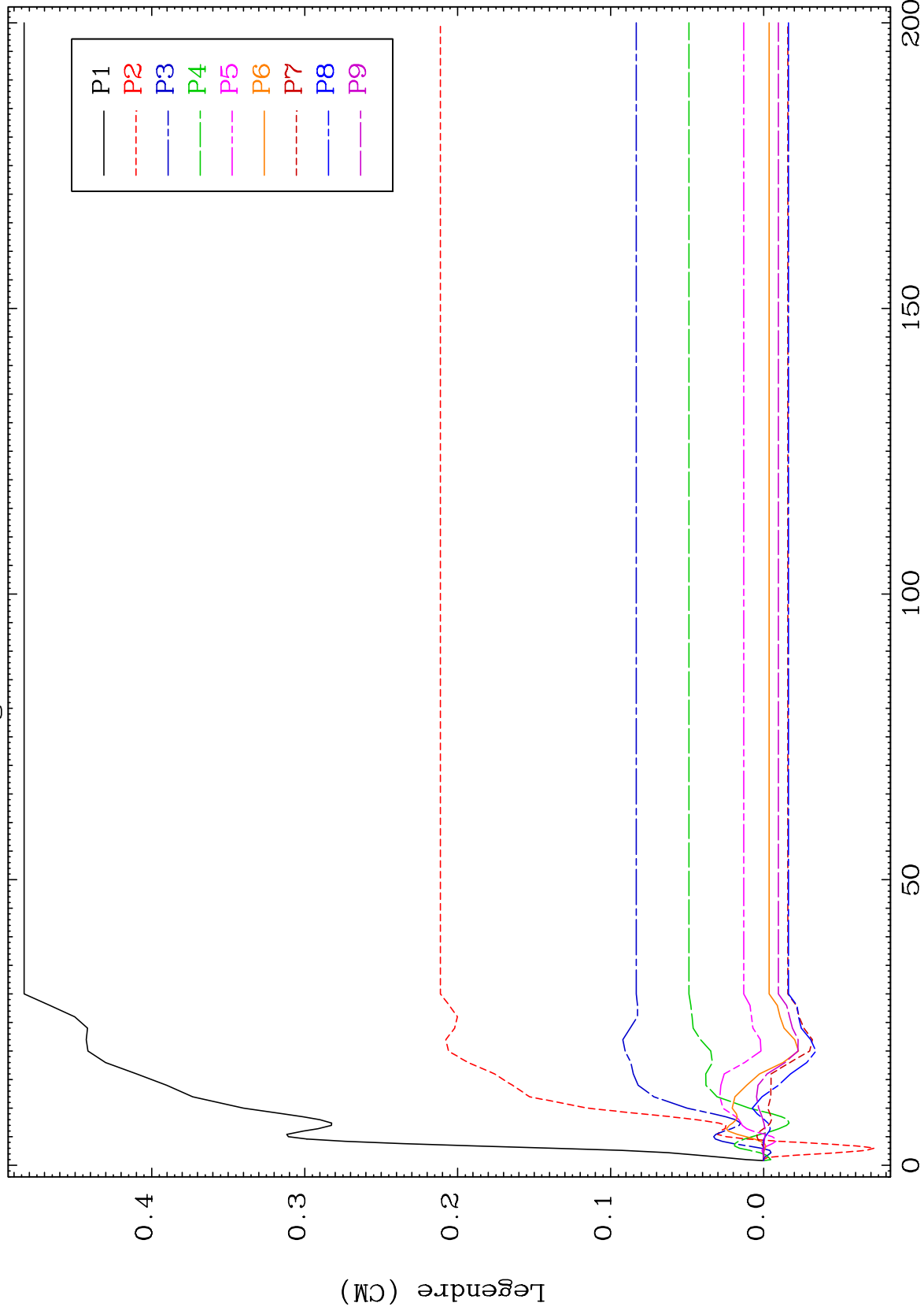




MAT 6807

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

68-Er-156



24

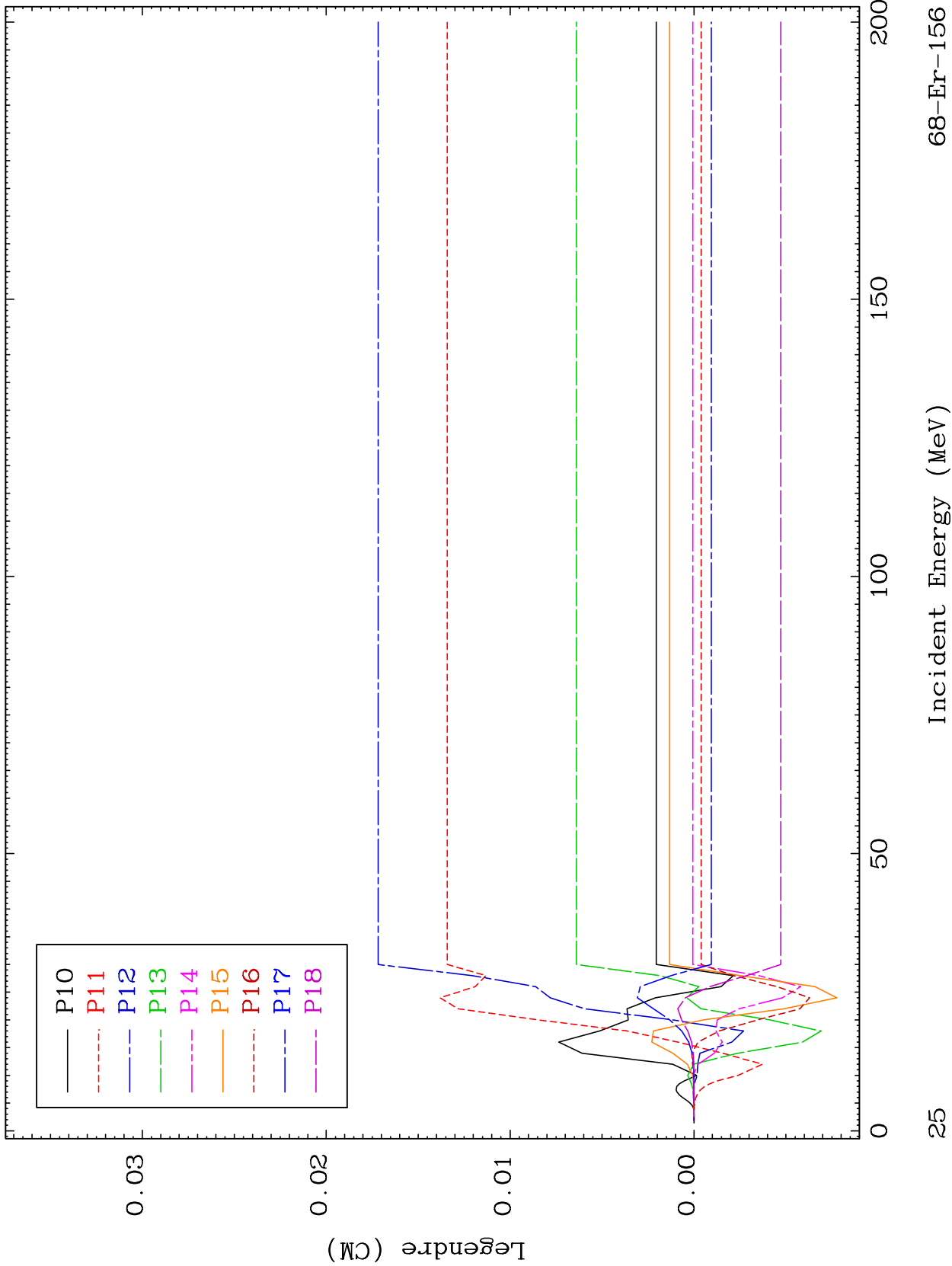
Incident Energy (MeV)

68-Er-156

MAT 6807

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

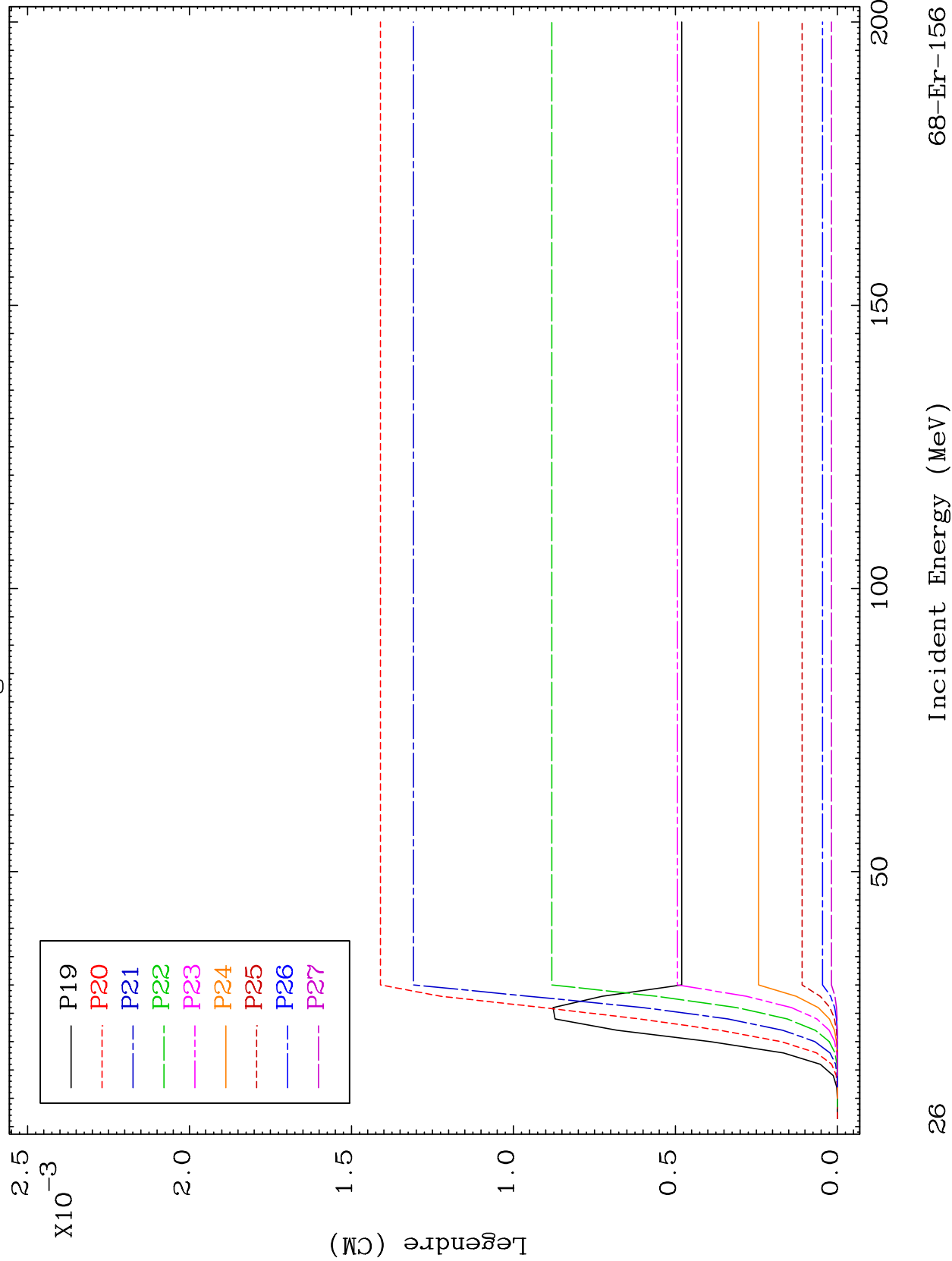
68-Er-156



68-Er-156

Incident Energy (MeV)

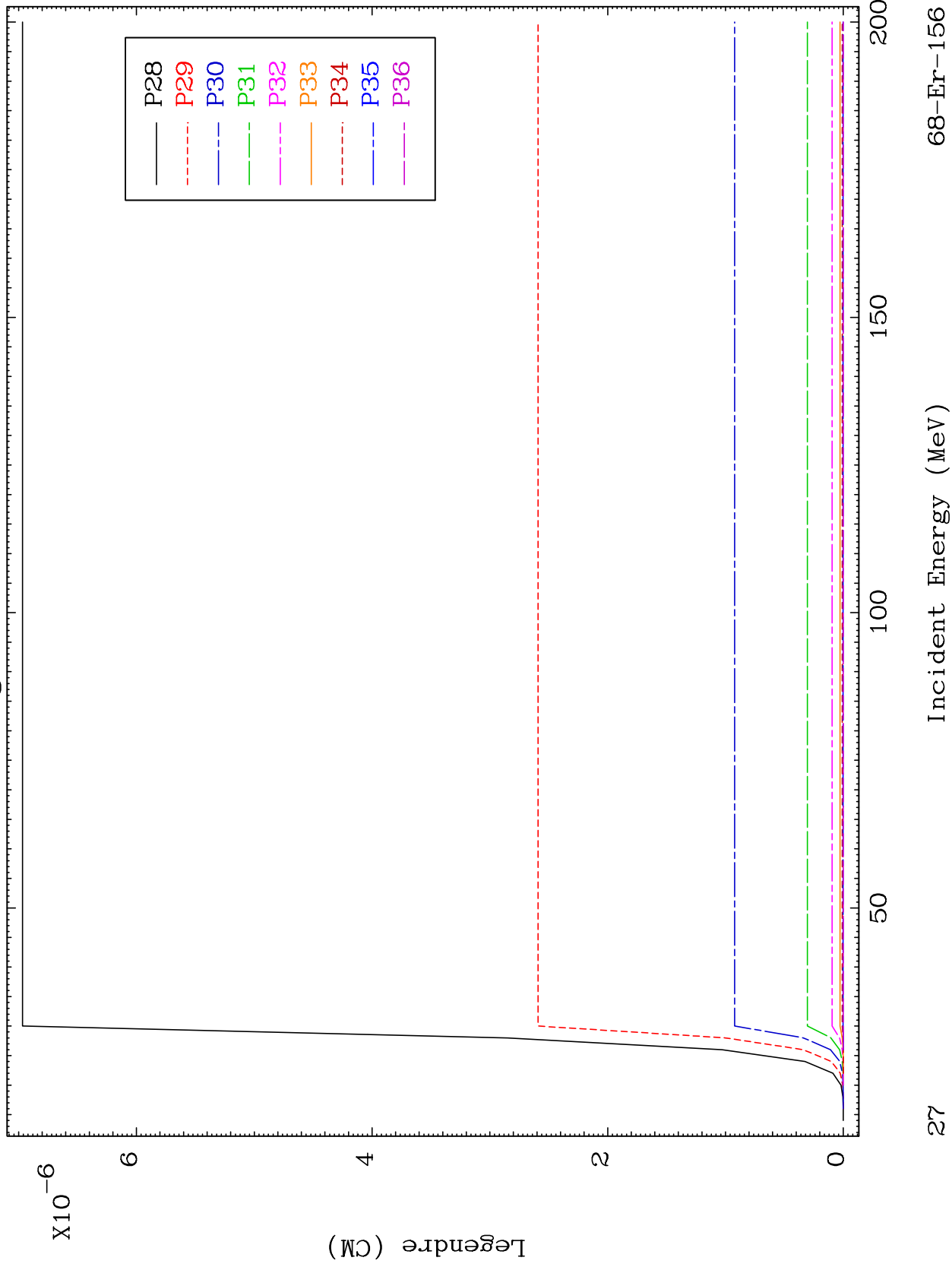
25

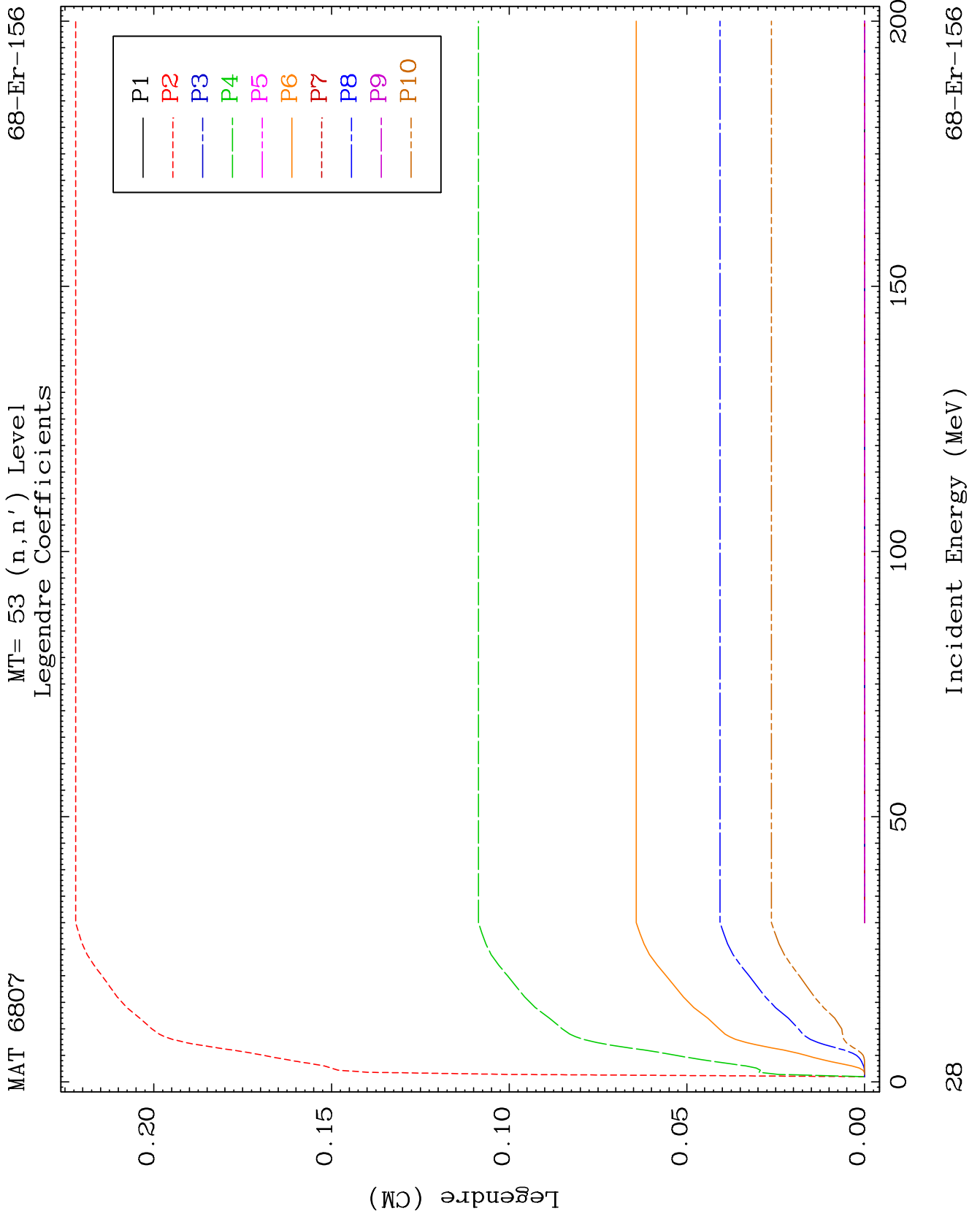


MAT 6807

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

68-Er-156

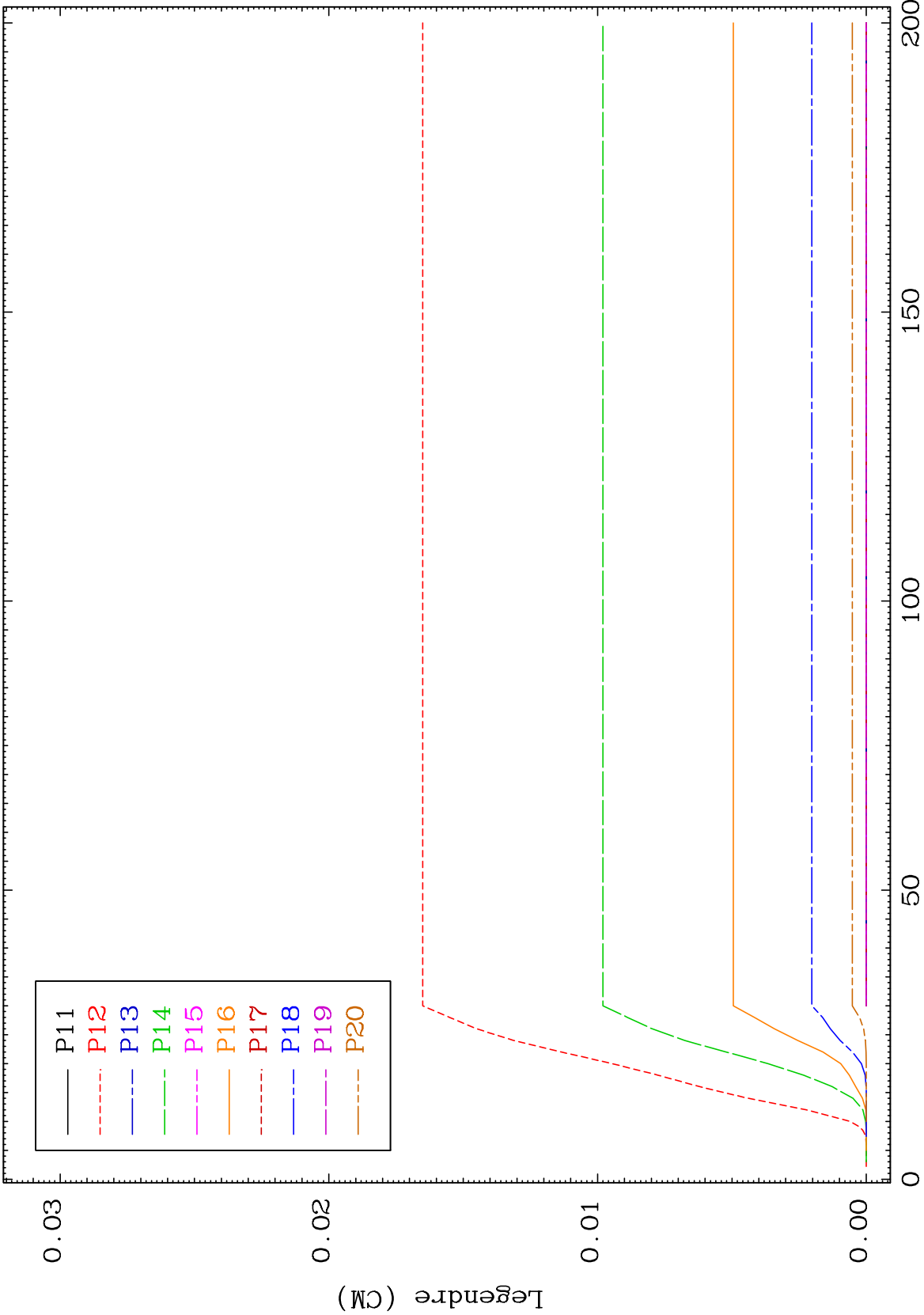




MAT 6807

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

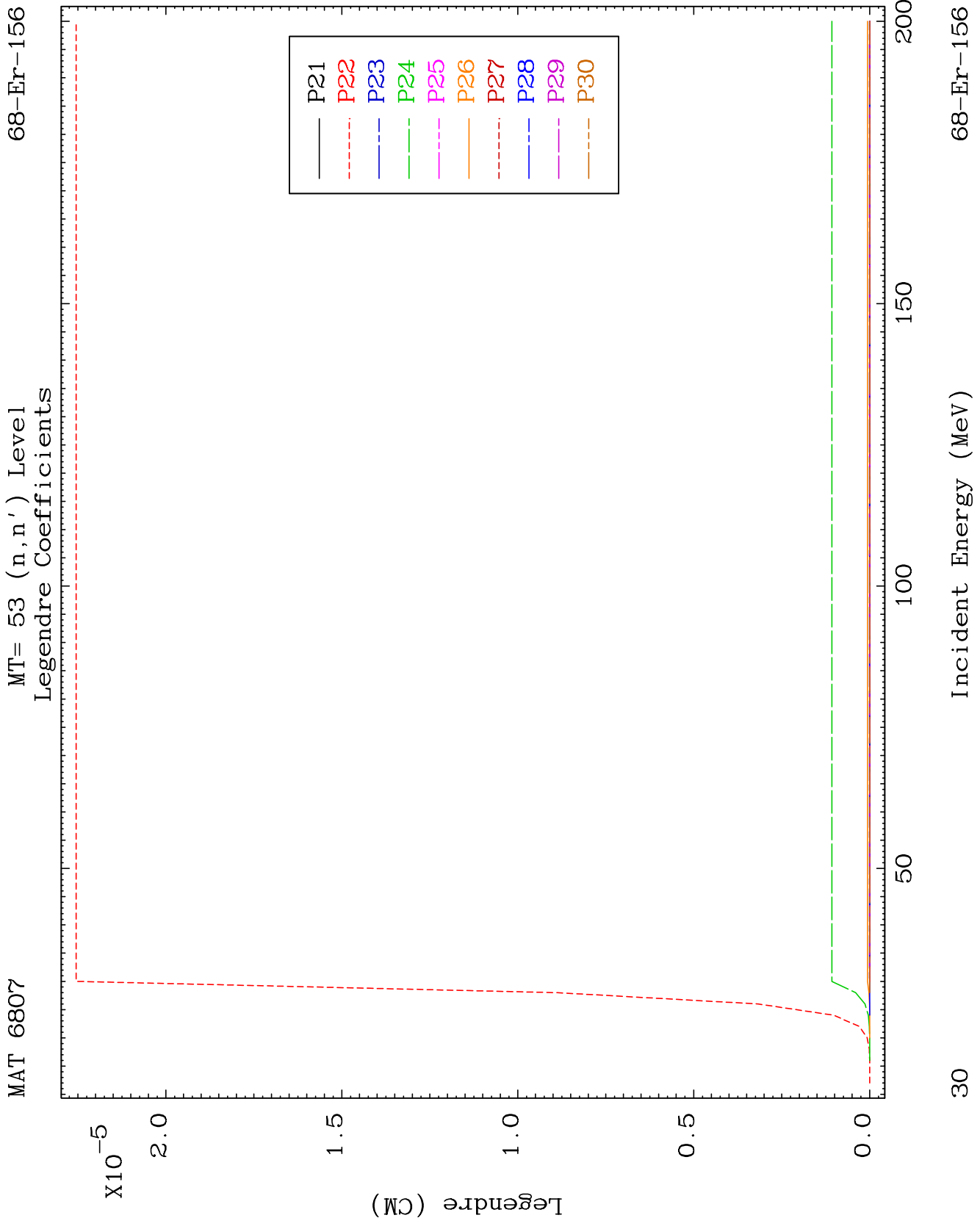
68-Er-156



29

Incident Energy (MeV)

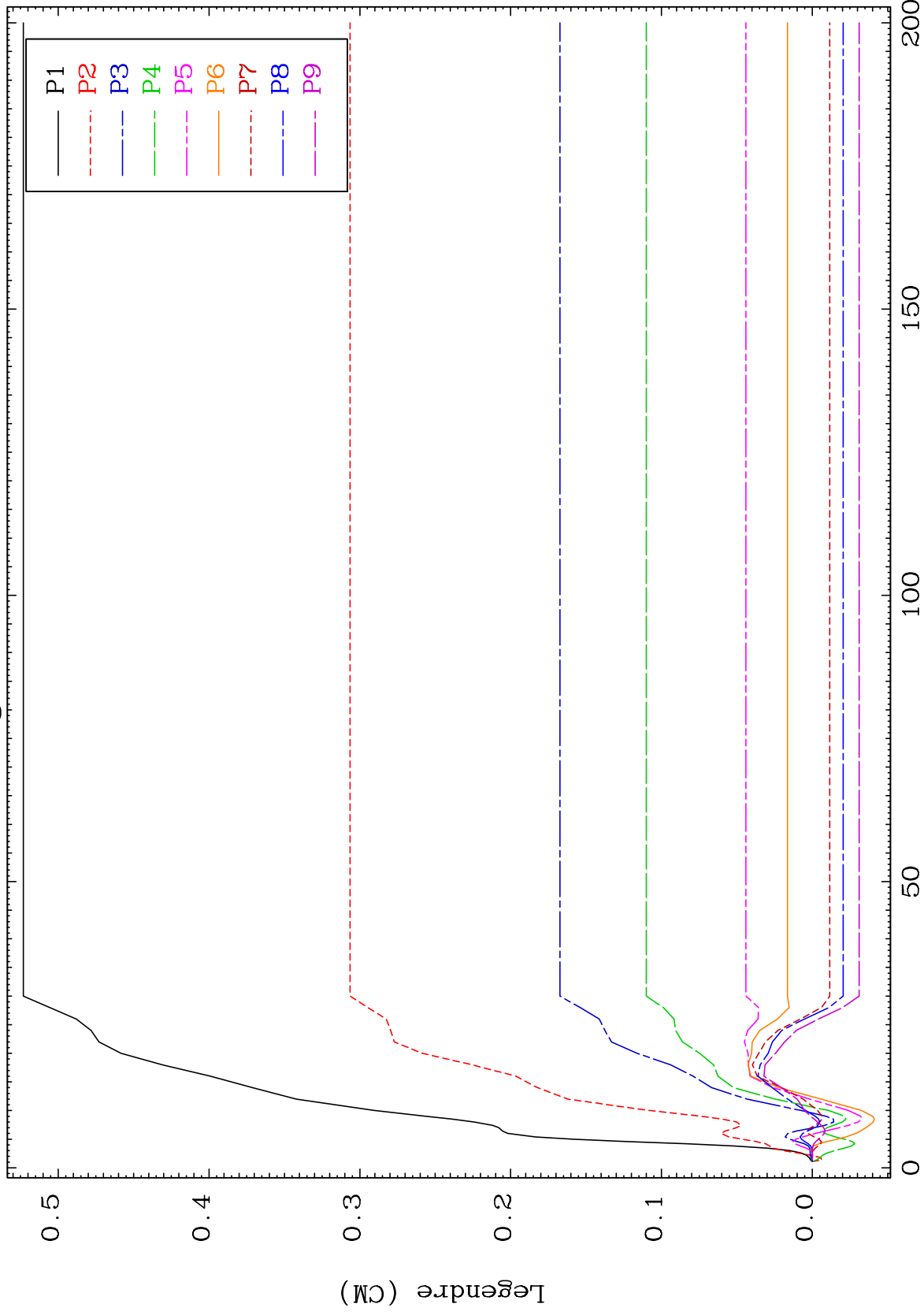
68-Er-156



MAT 6807

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

68-Er-156



31

Incident Energy (MeV)

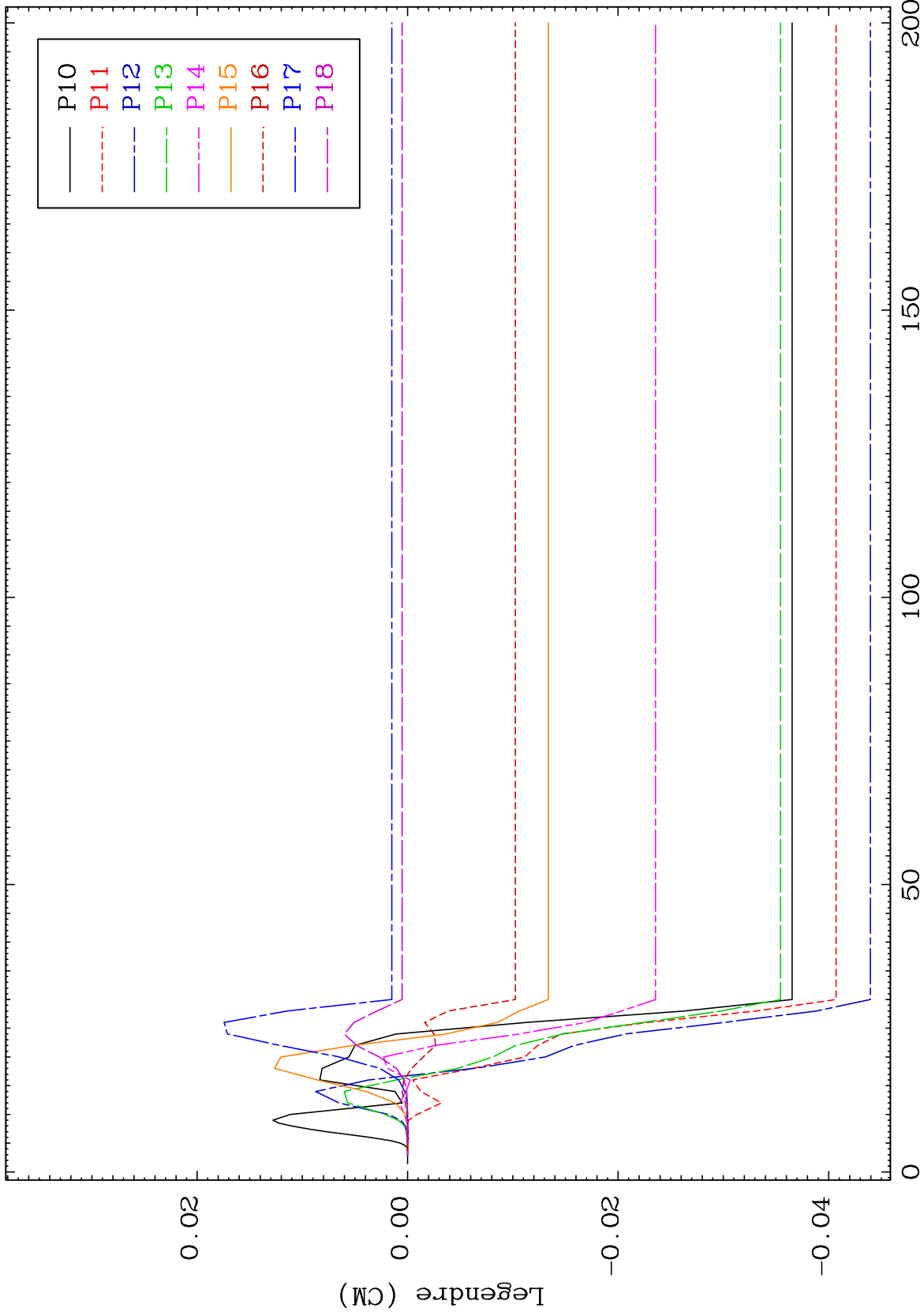
68-Er-156



MAT 6807

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

68-Er-156



32

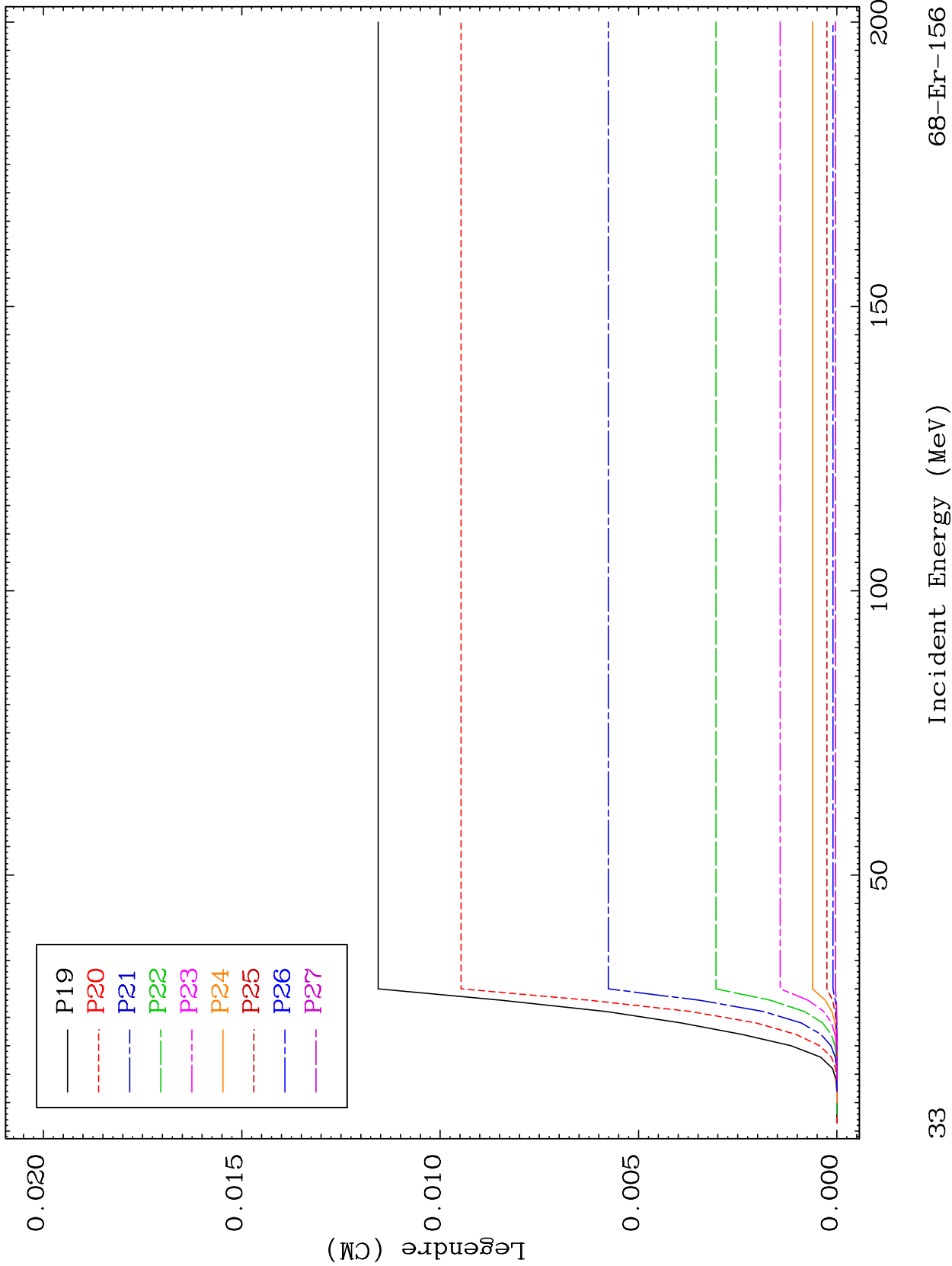
Incident Energy (MeV)

68-Er-156

MAT 6807

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

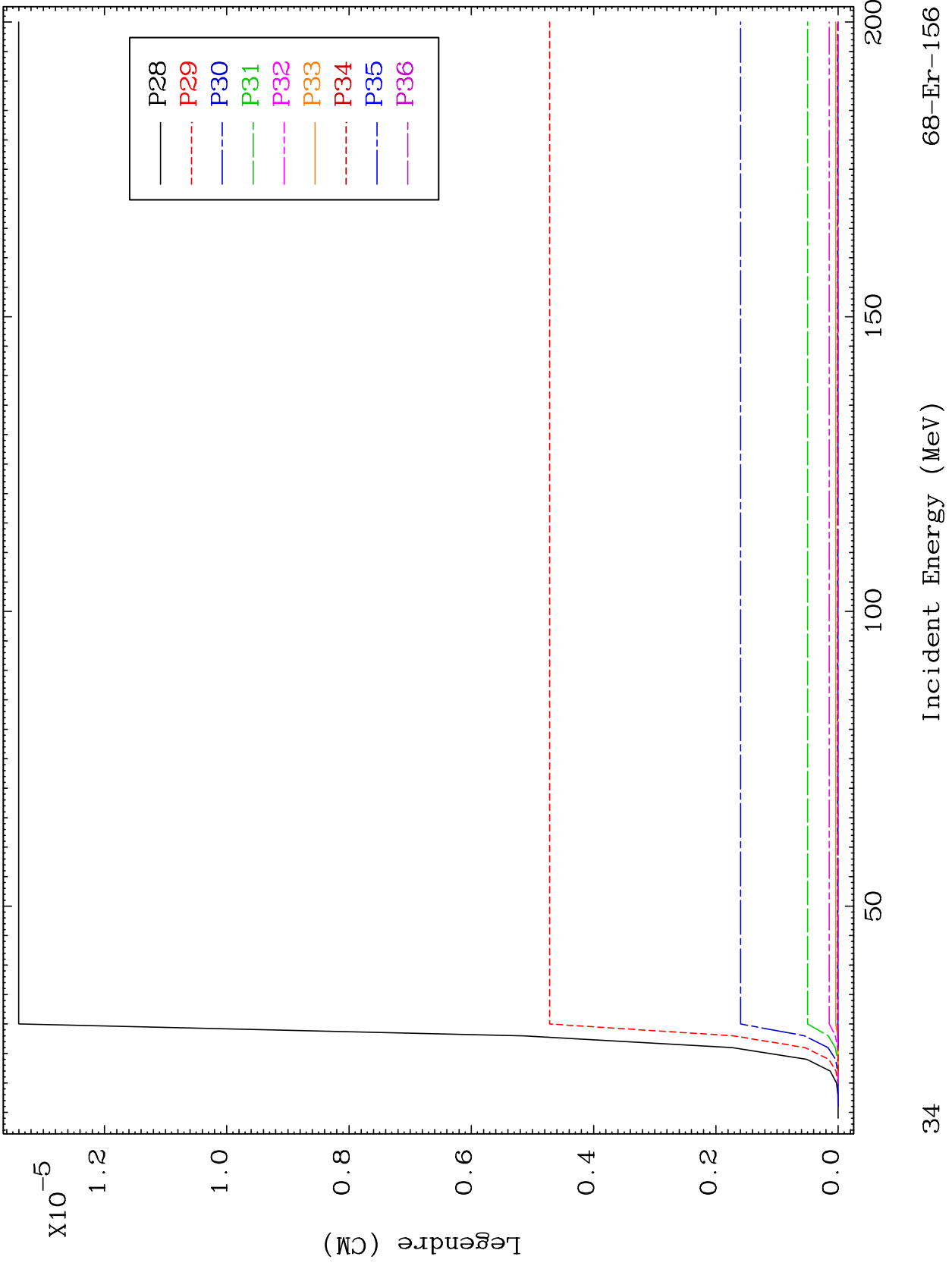
68-Er-156



MAT 6807

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

68-Er-156



34

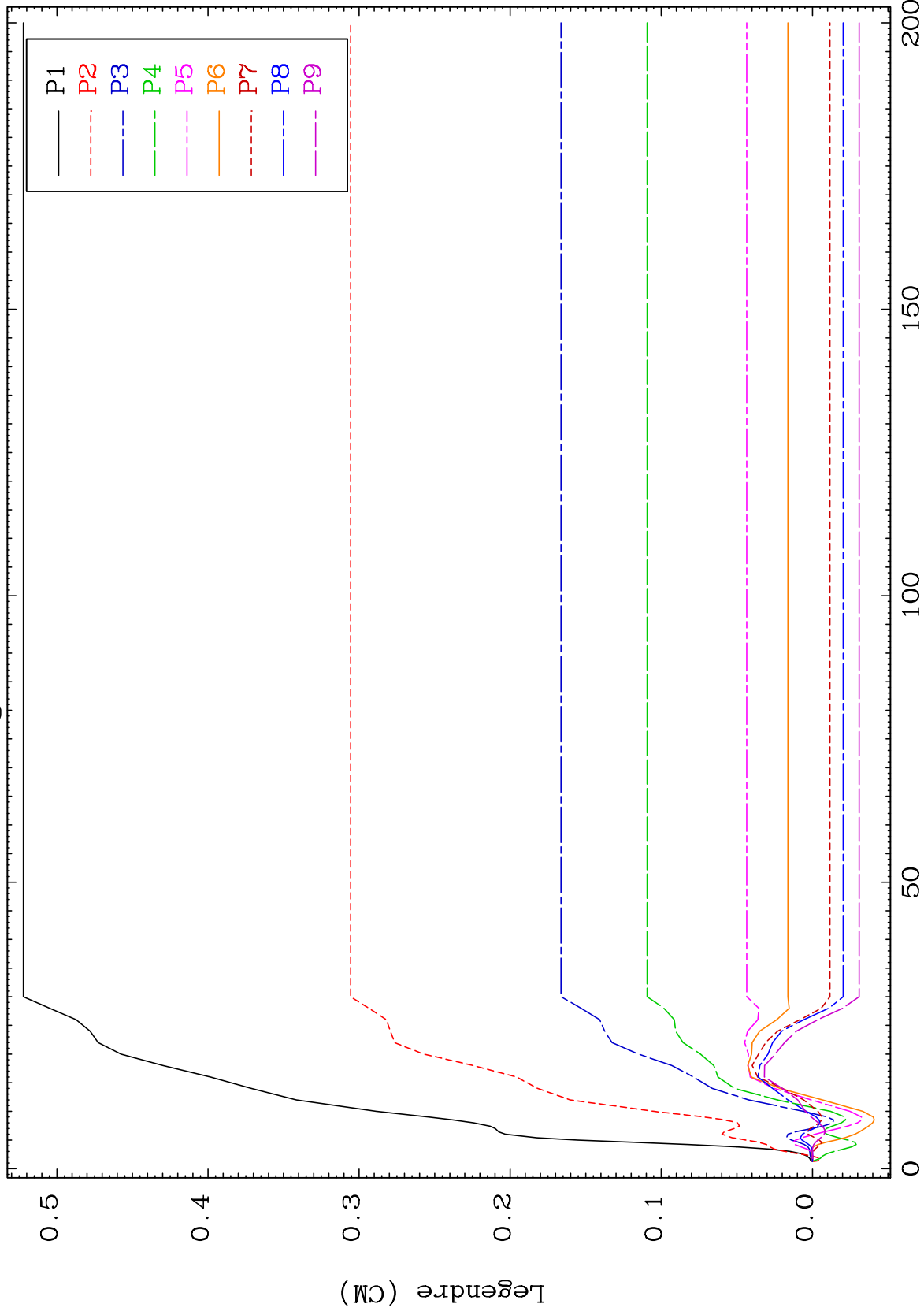
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



35

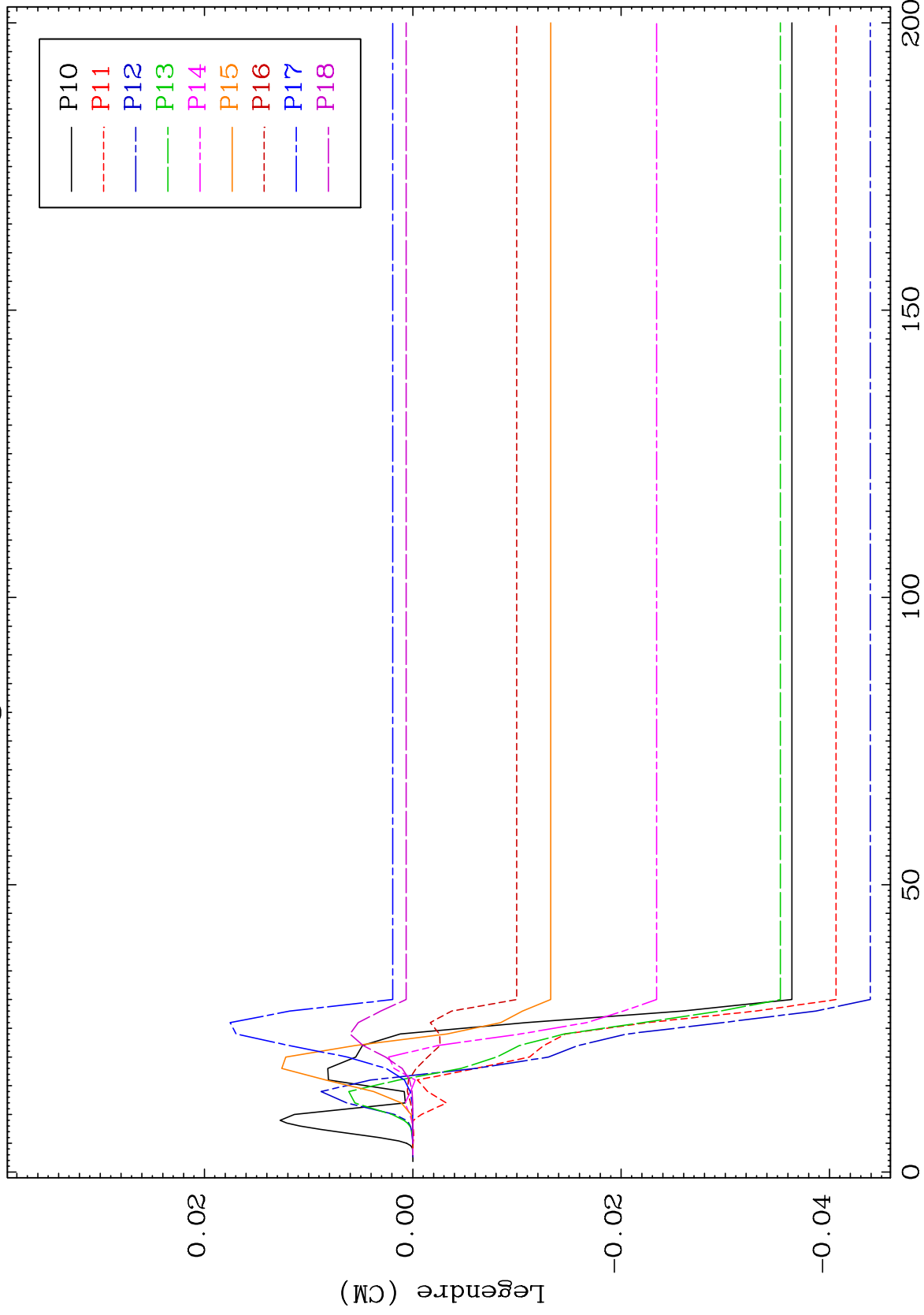
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



36

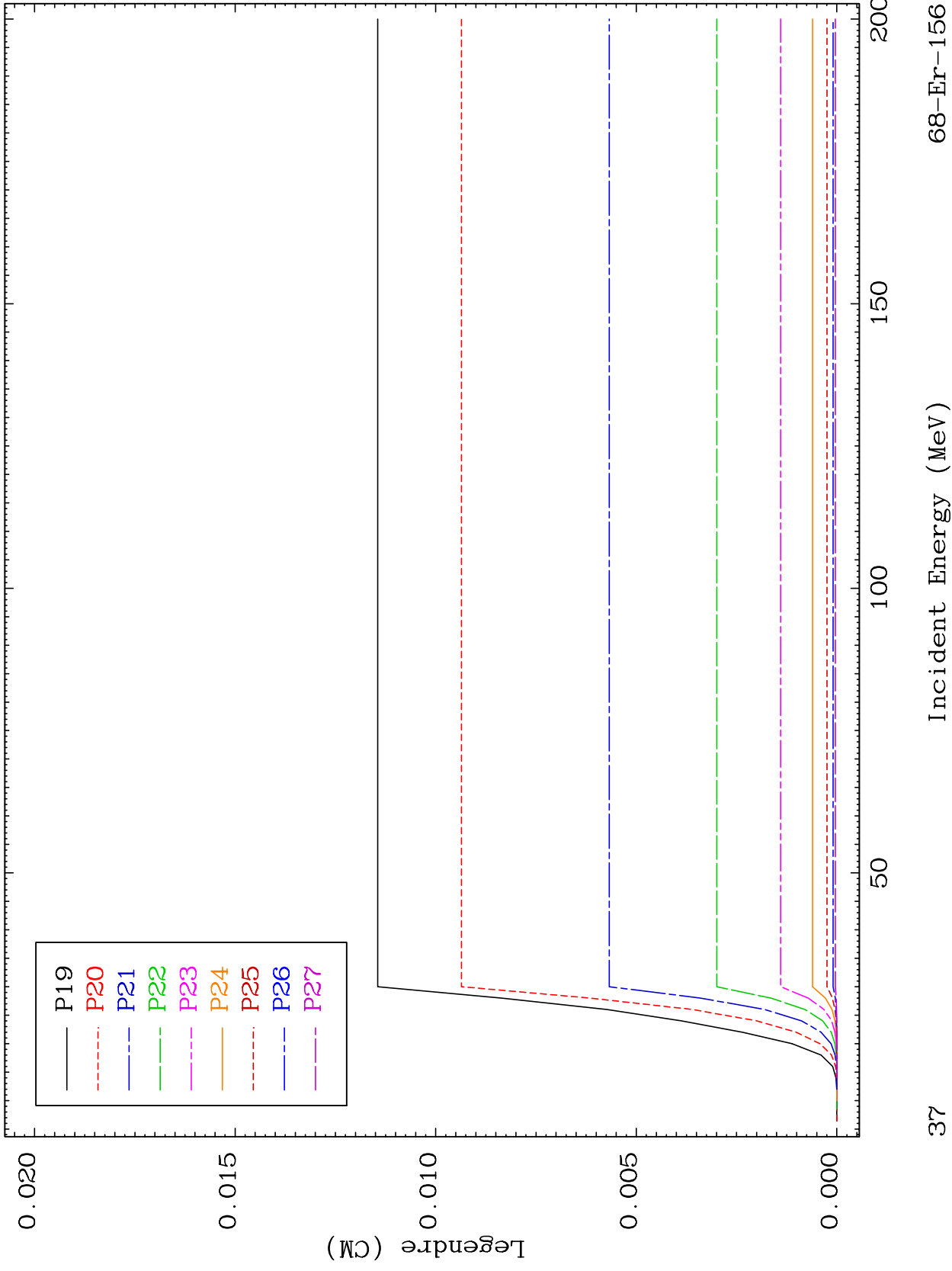
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



37

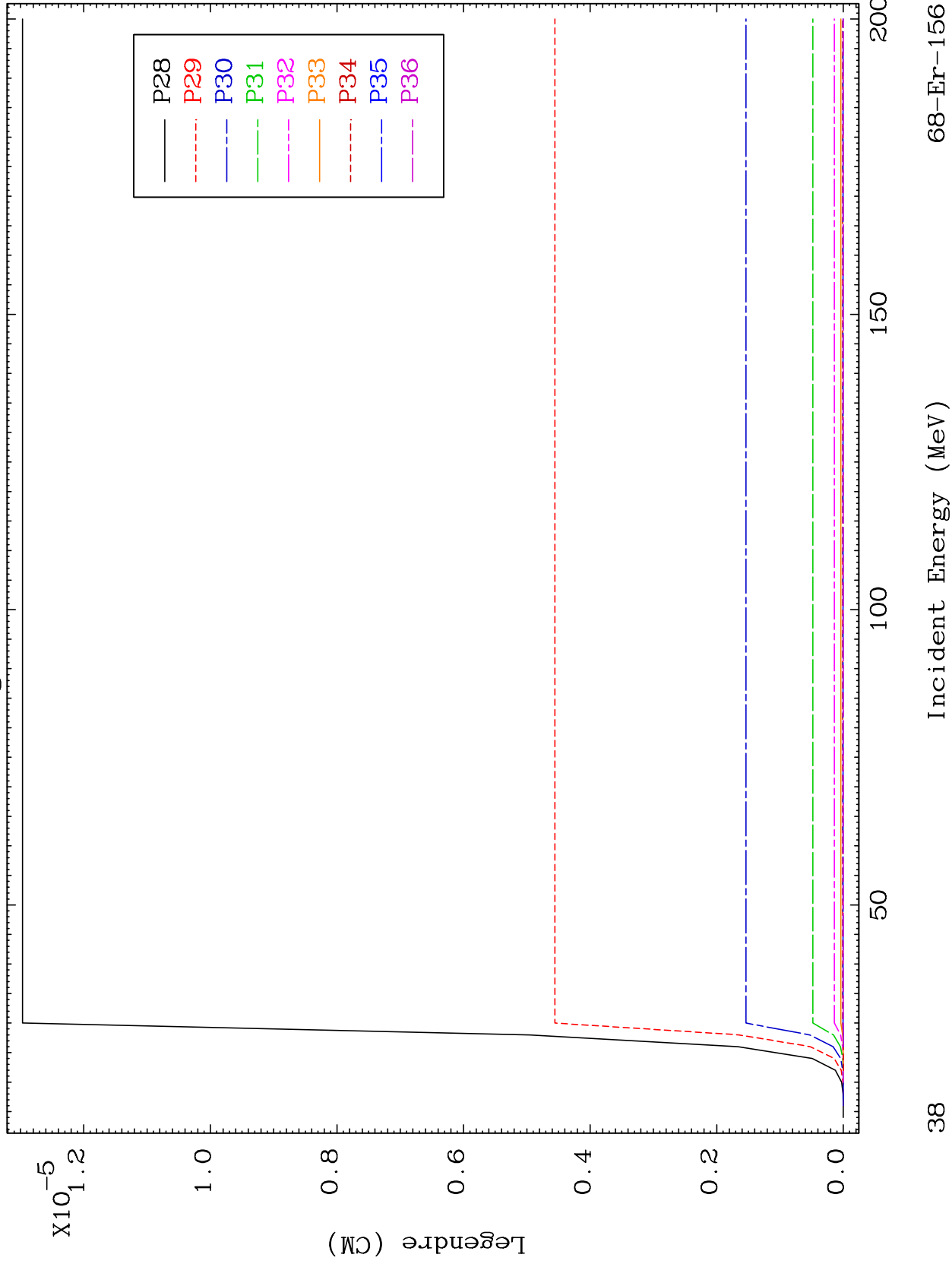
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



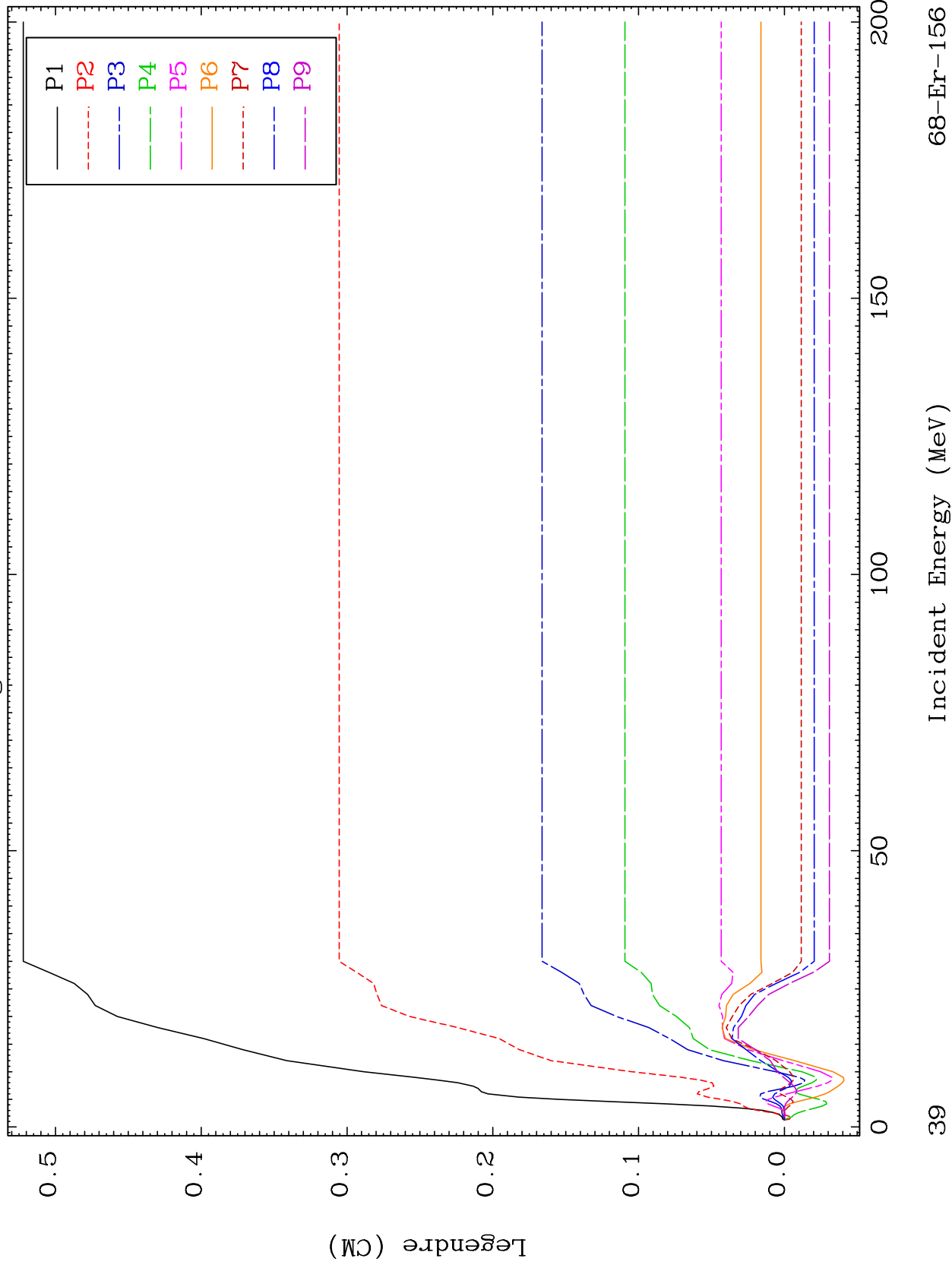
38

200

MAT 6807

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

68-Er-156



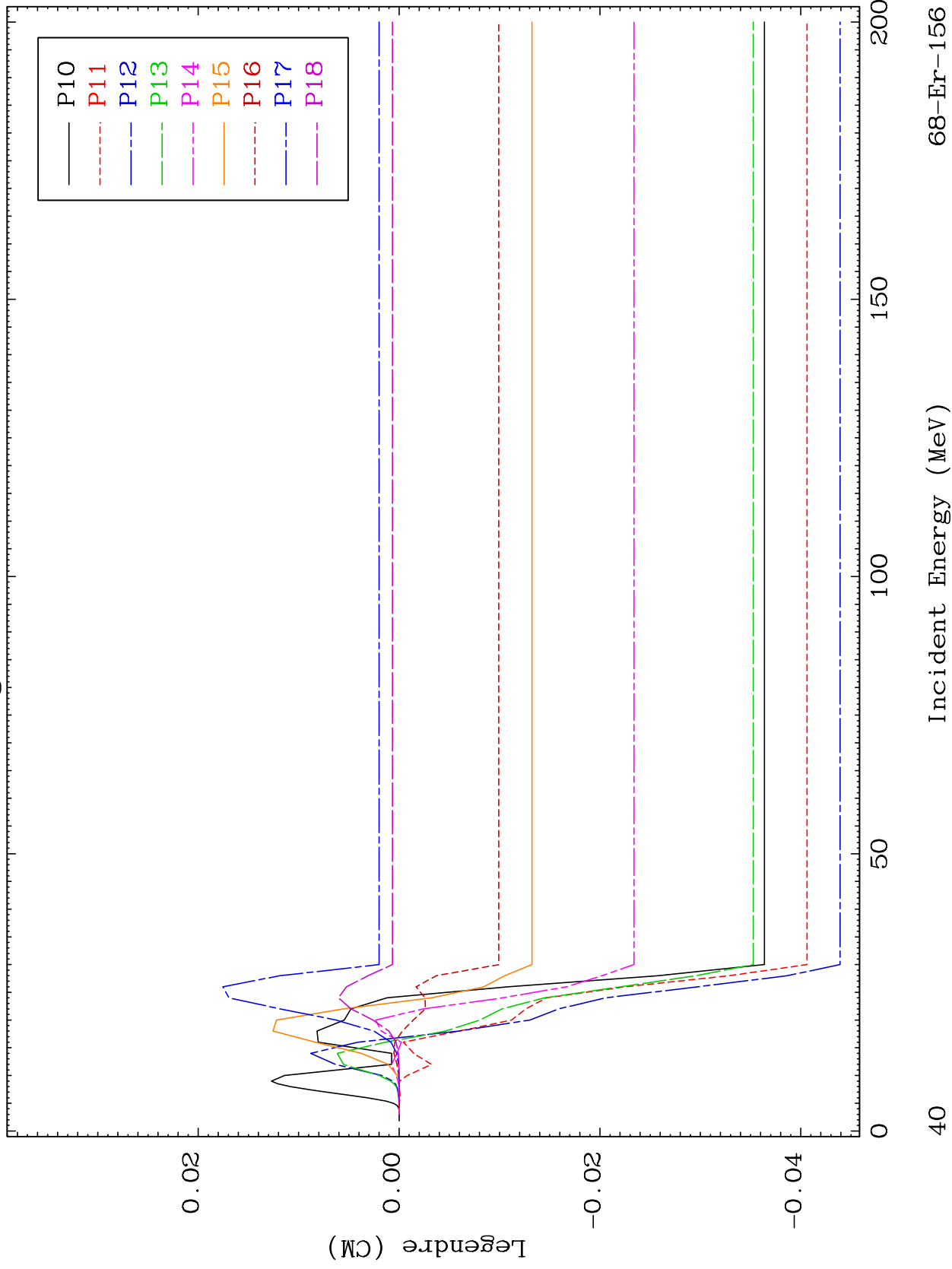
39



MAT 6807

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

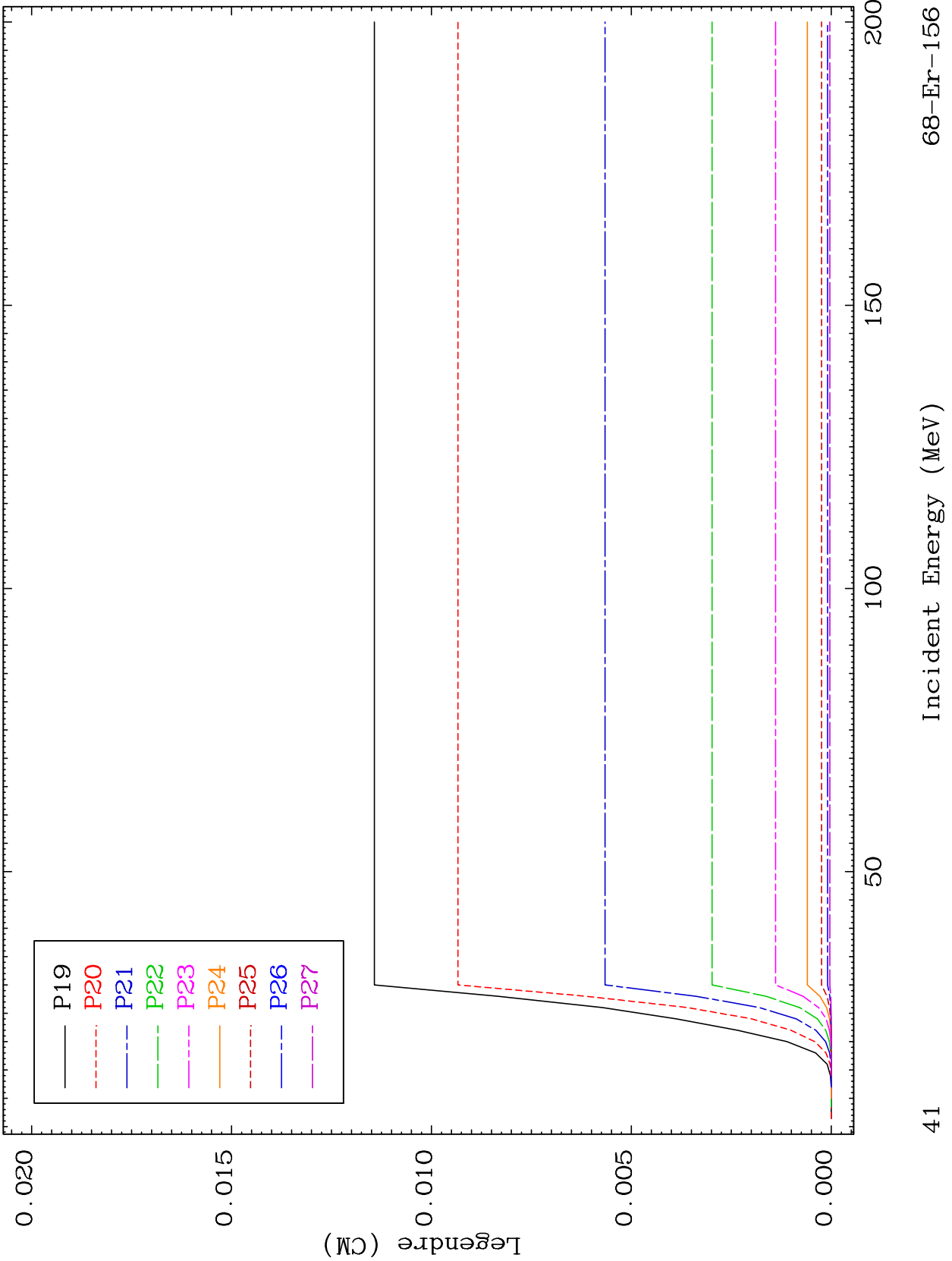
68-Er-156



68-Er-156

Incident Energy (MeV)

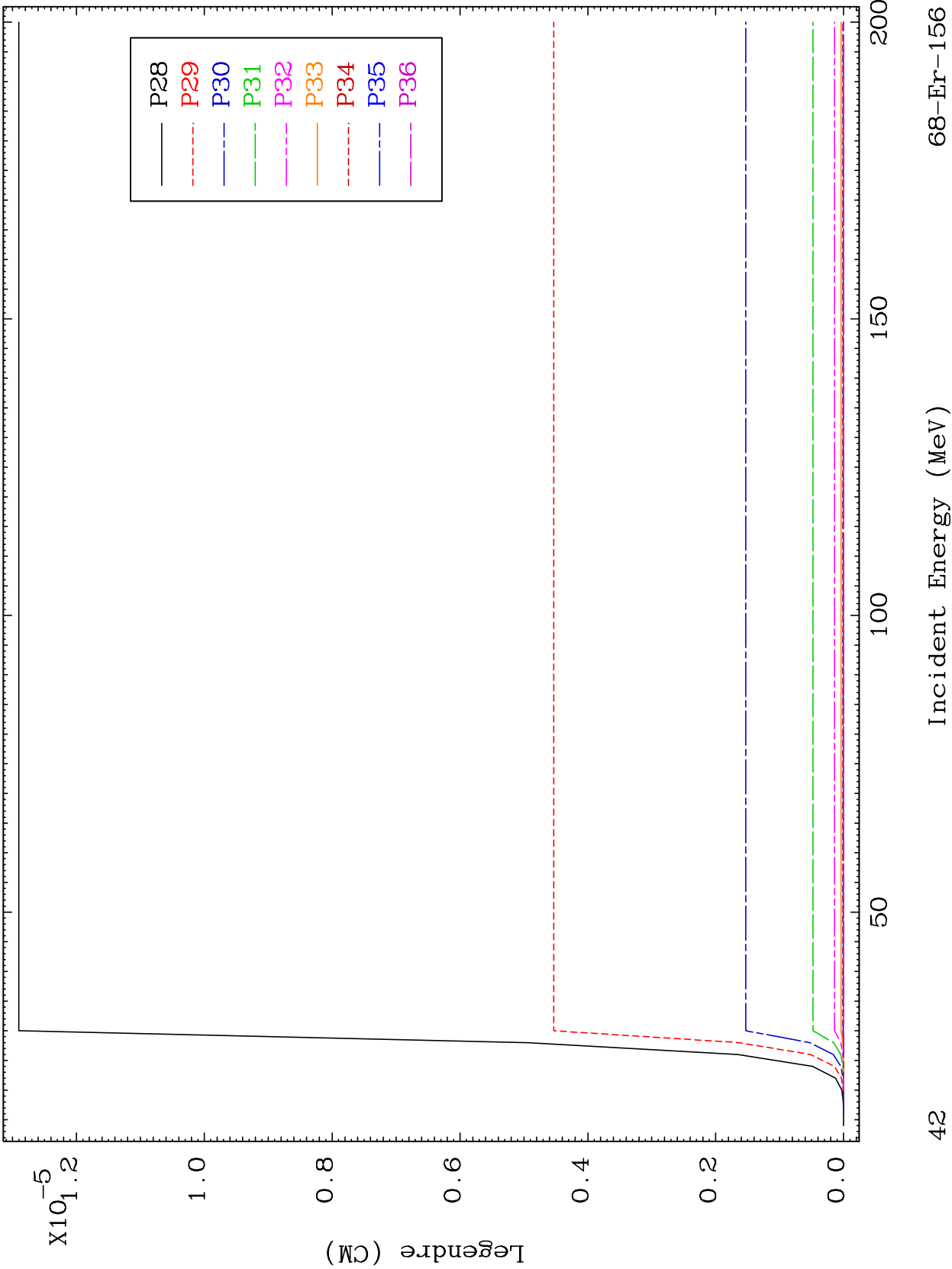
40



MAT 6807

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

68-Er-156

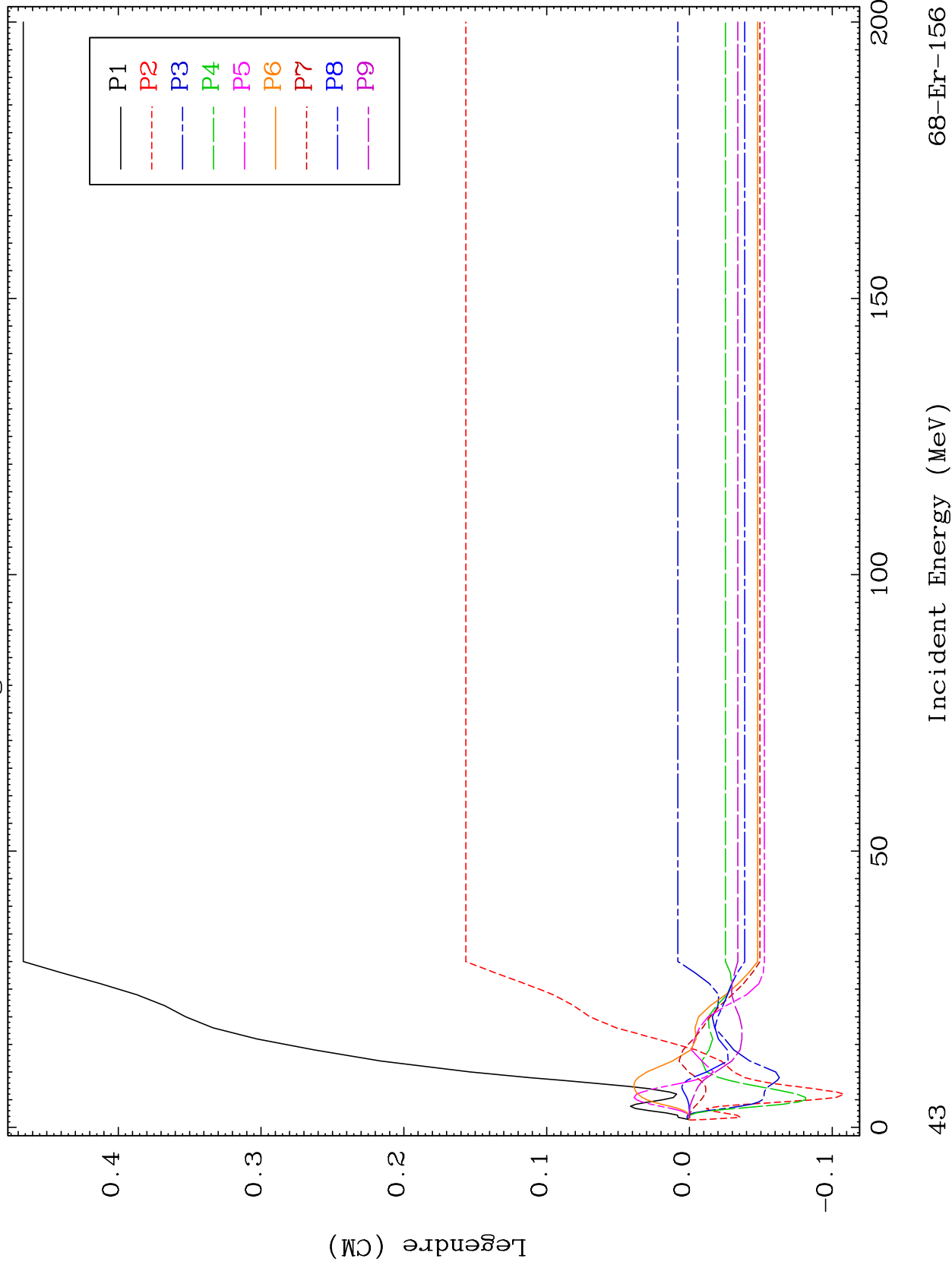


42

MAT 6807

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

68-Er-156



68-Er-156

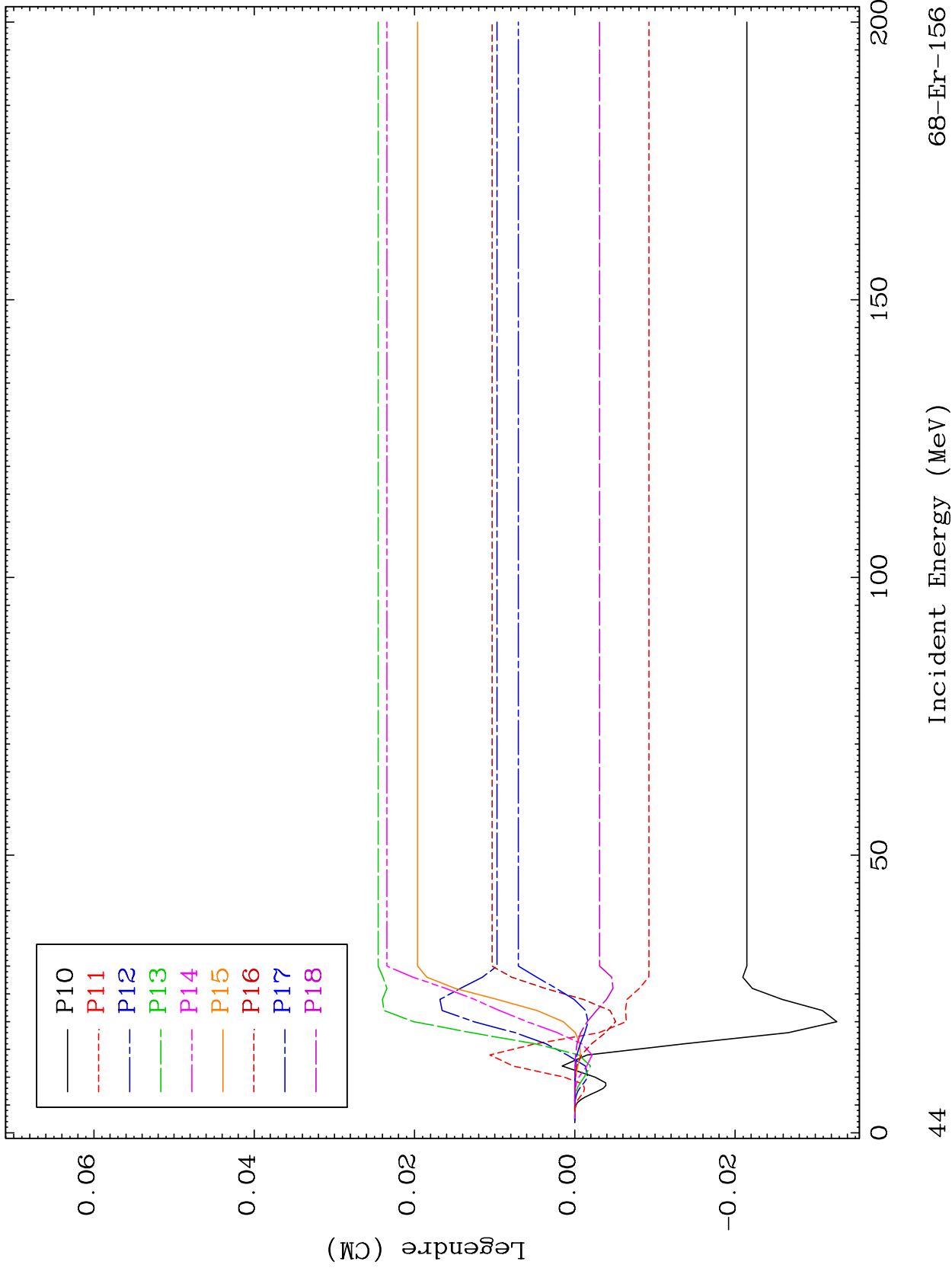
Incident Energy (MeV)

43

MAT 6807

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

68-Er-156



44

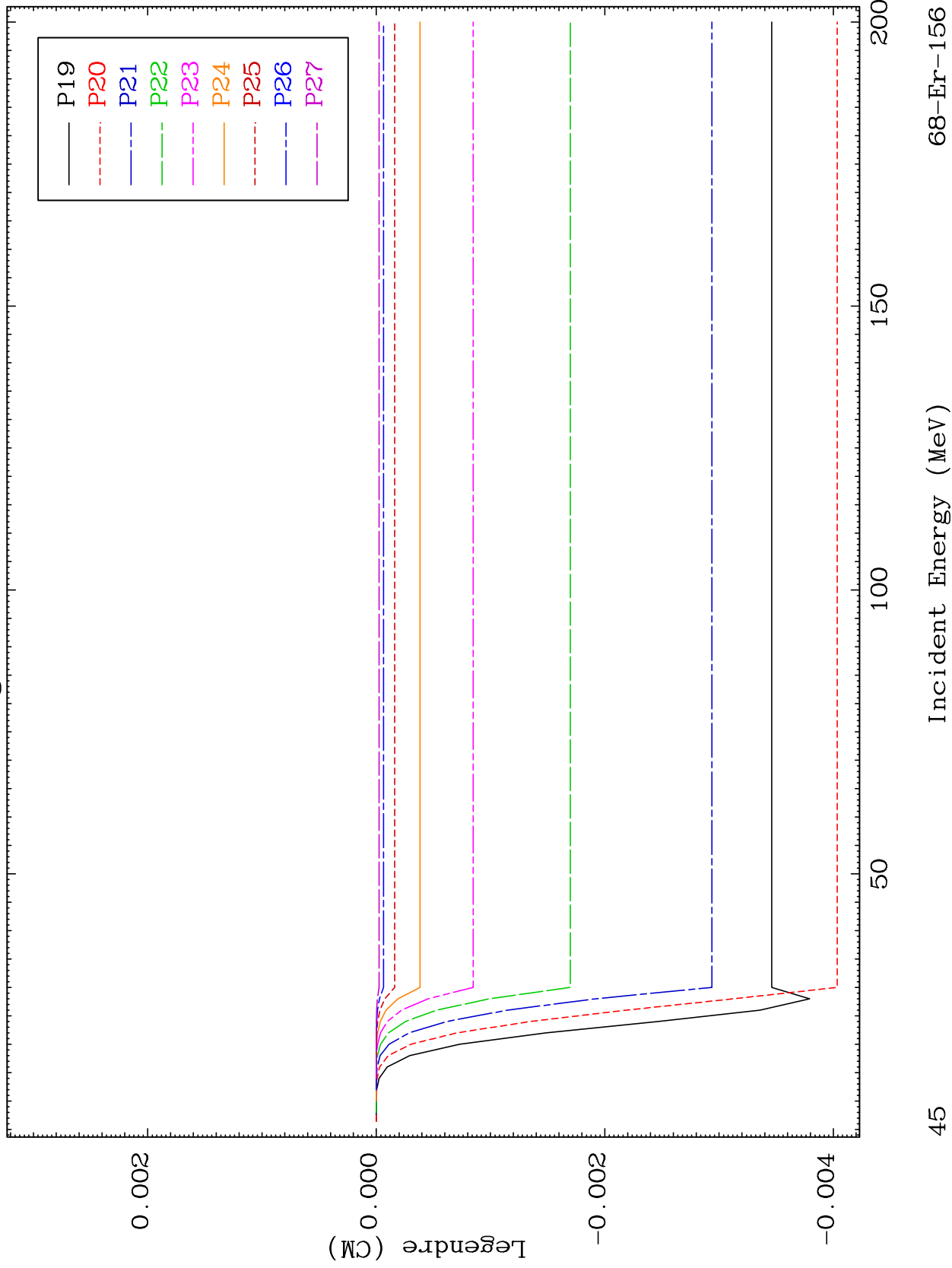
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

Incident Energy (MeV)

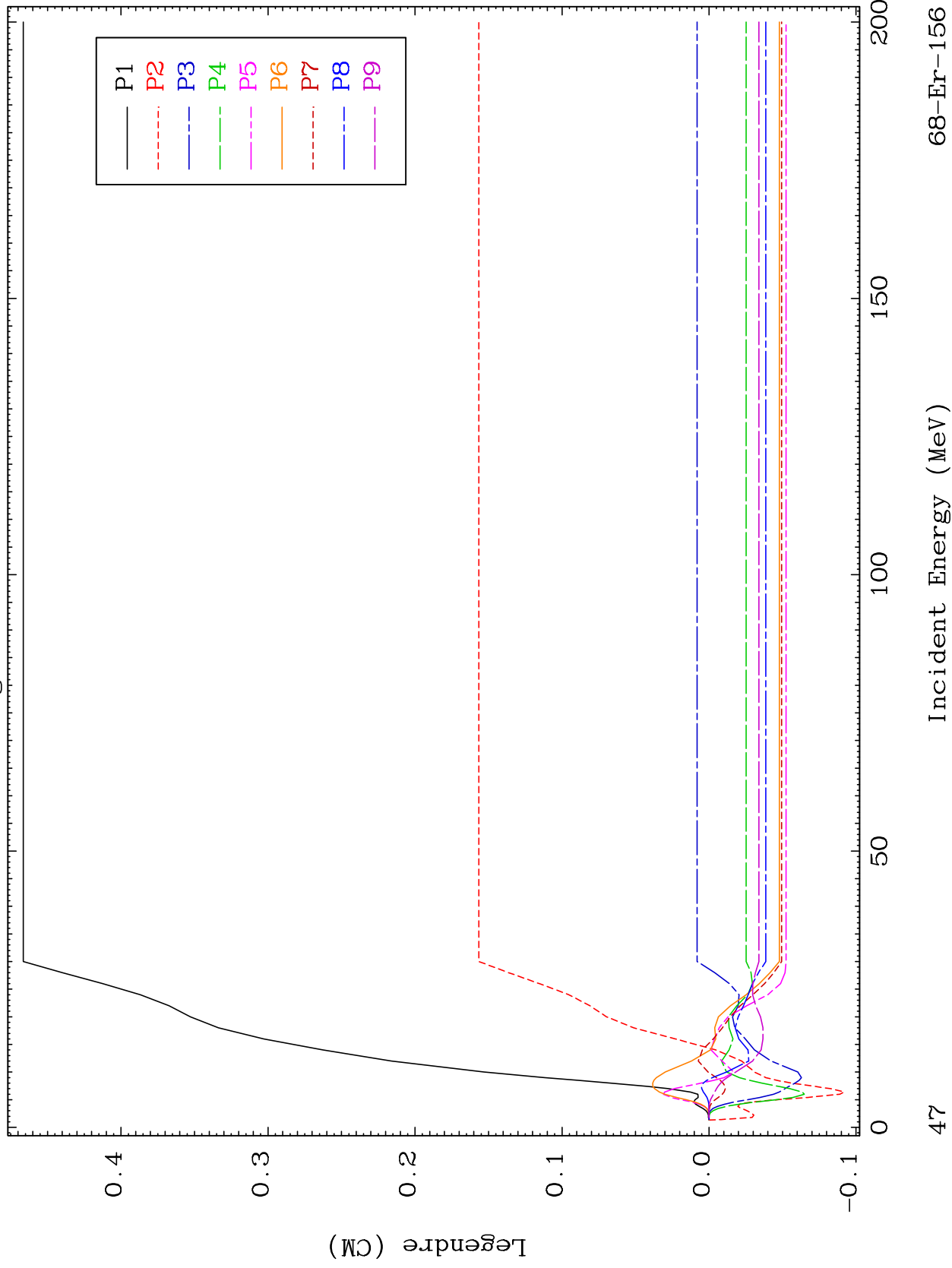
45



MAT 6807

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

68-Er-156



68-Er-156

Incident Energy (MeV)

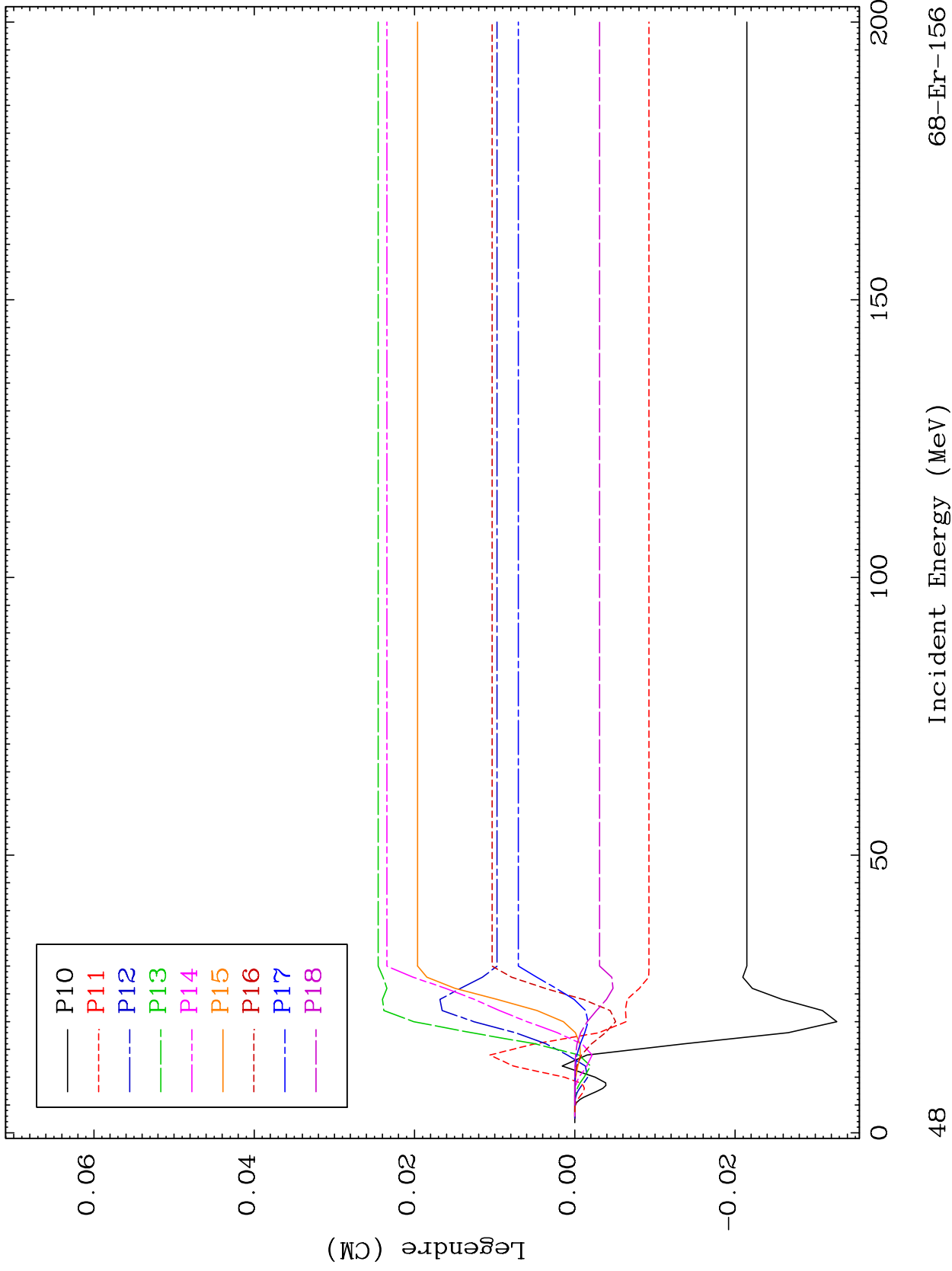
47



MAT 6807

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

68-Er-156



68-Er-156

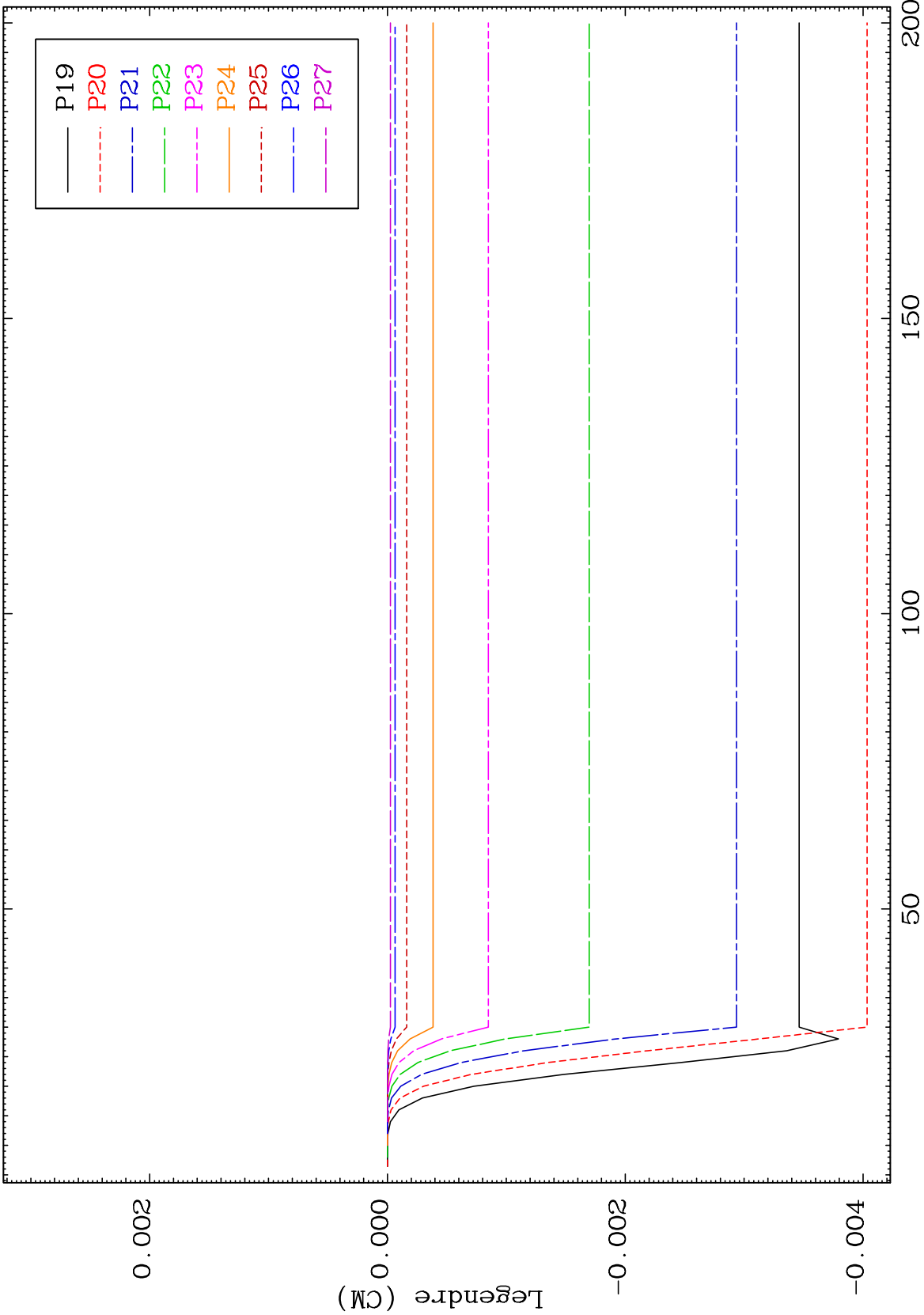
Incident Energy (MeV)

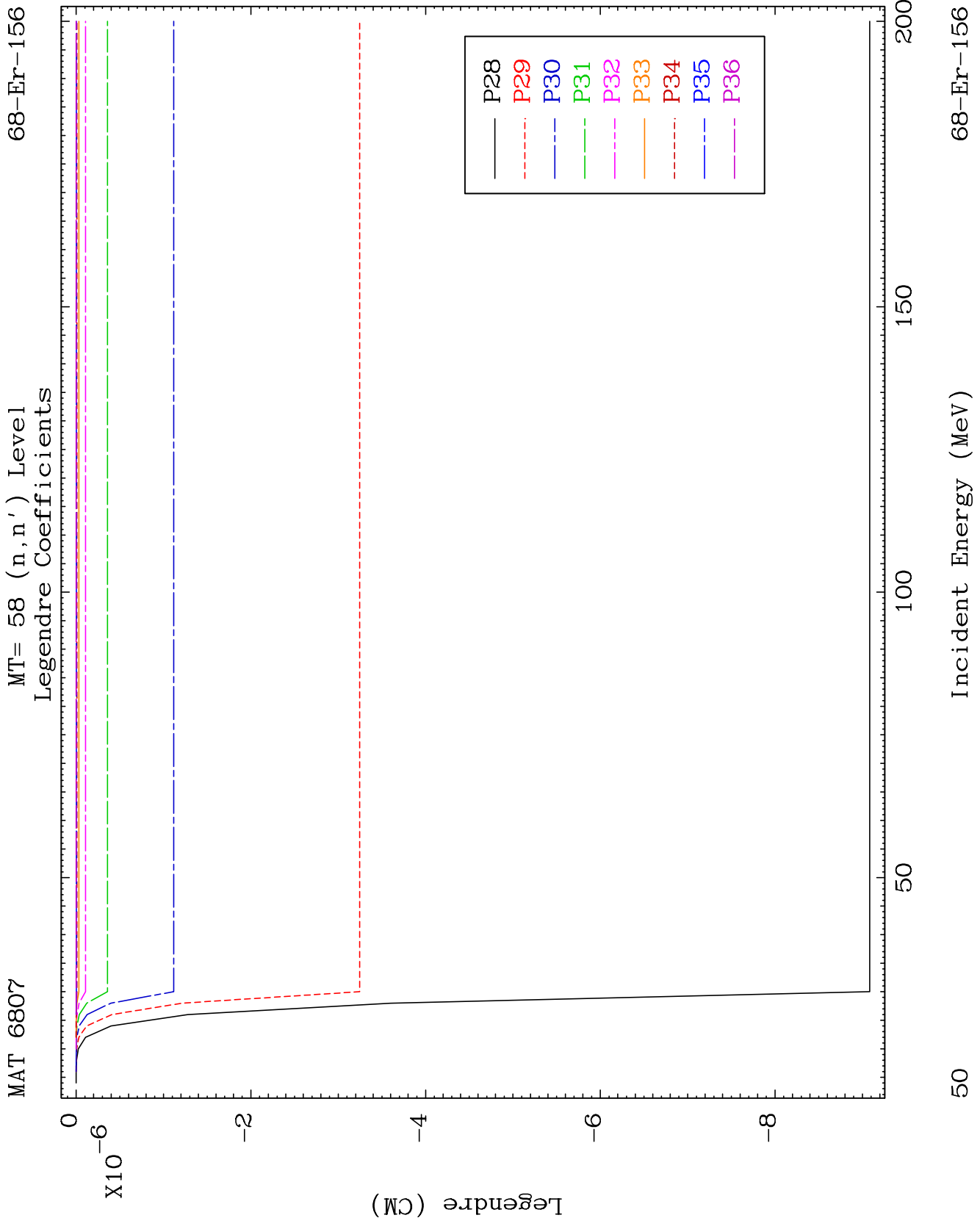
48

MAT 6807

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

68-Er-156

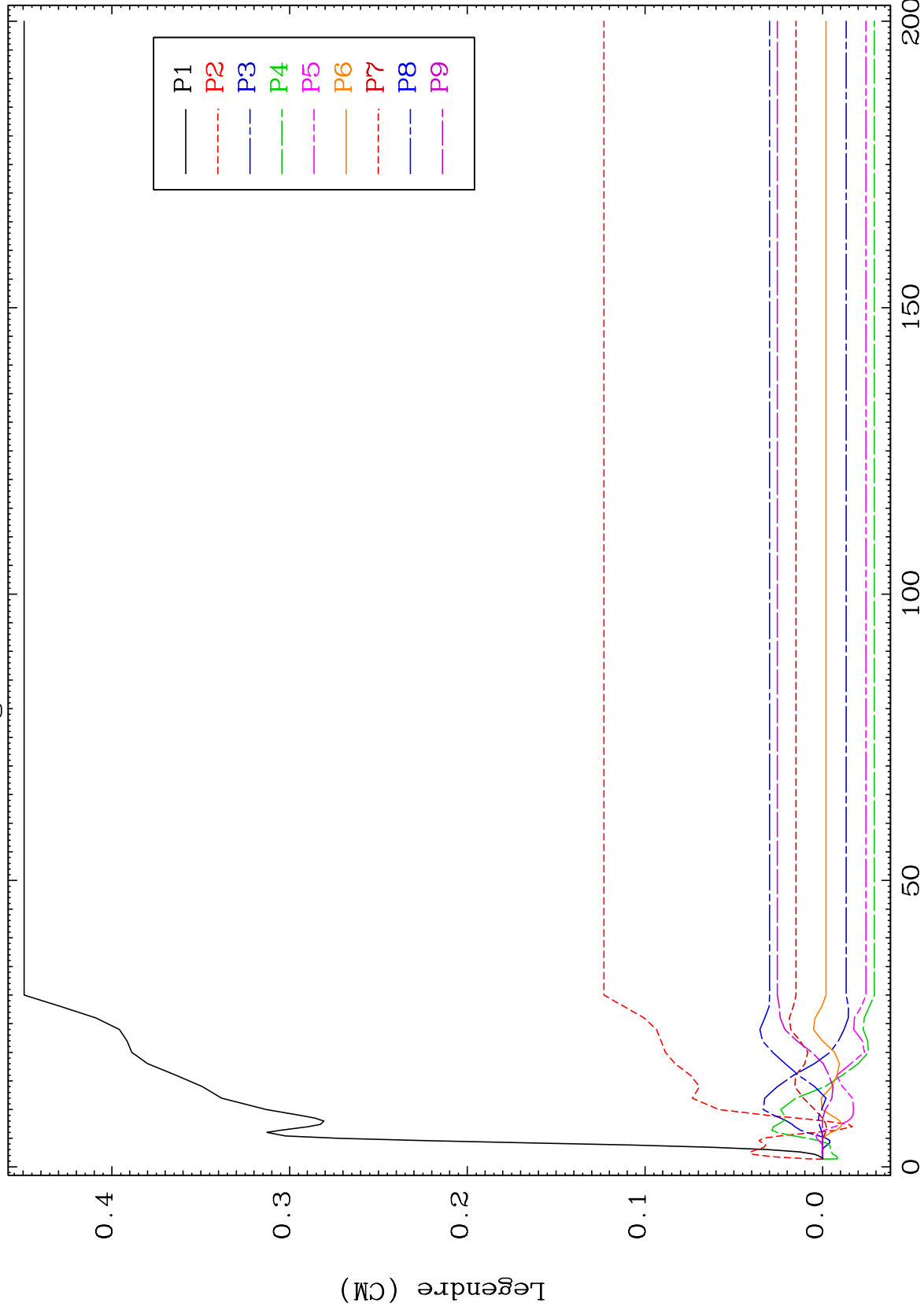




MAT 6807

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

68-Er-156



51

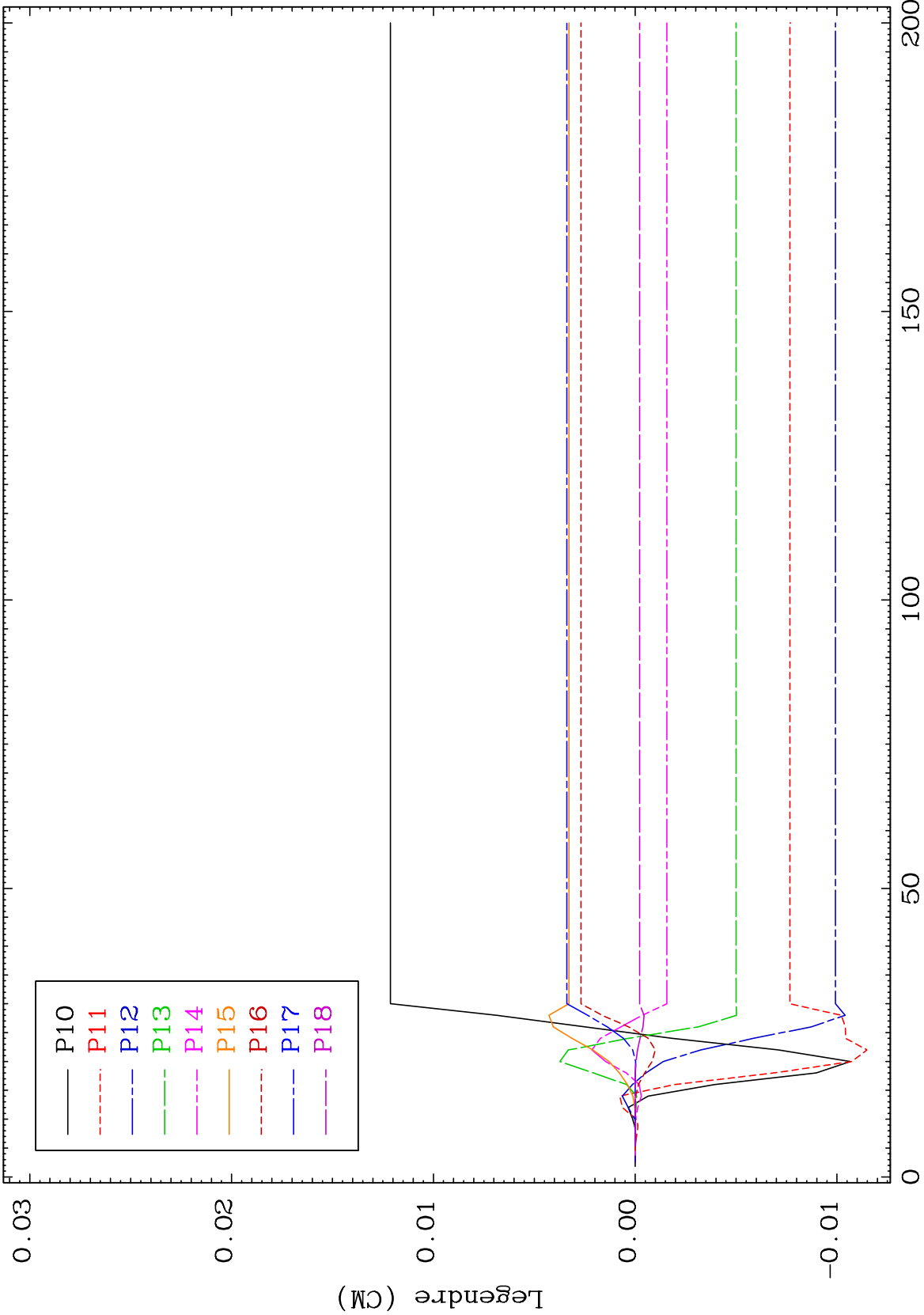
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



52

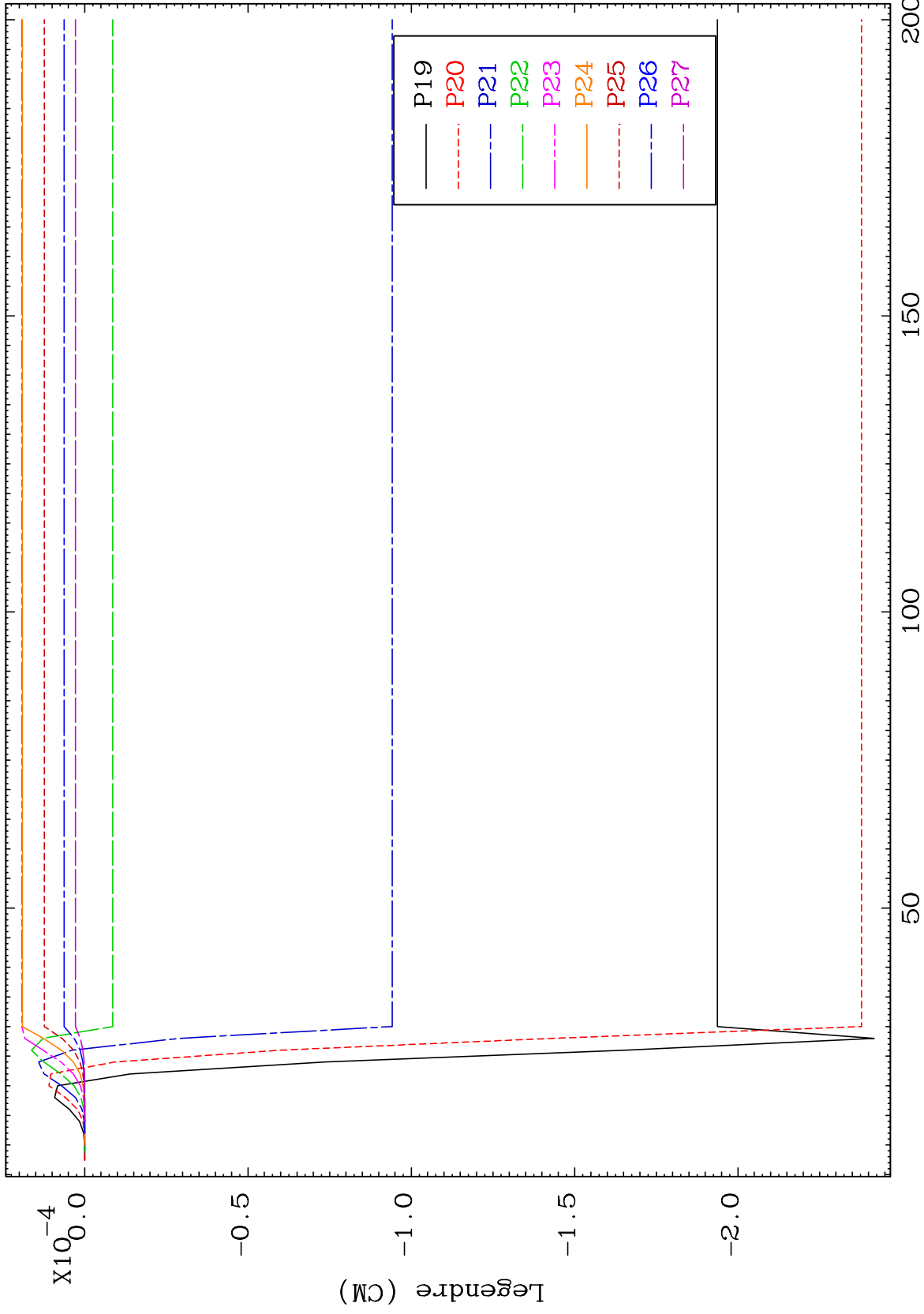
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



53

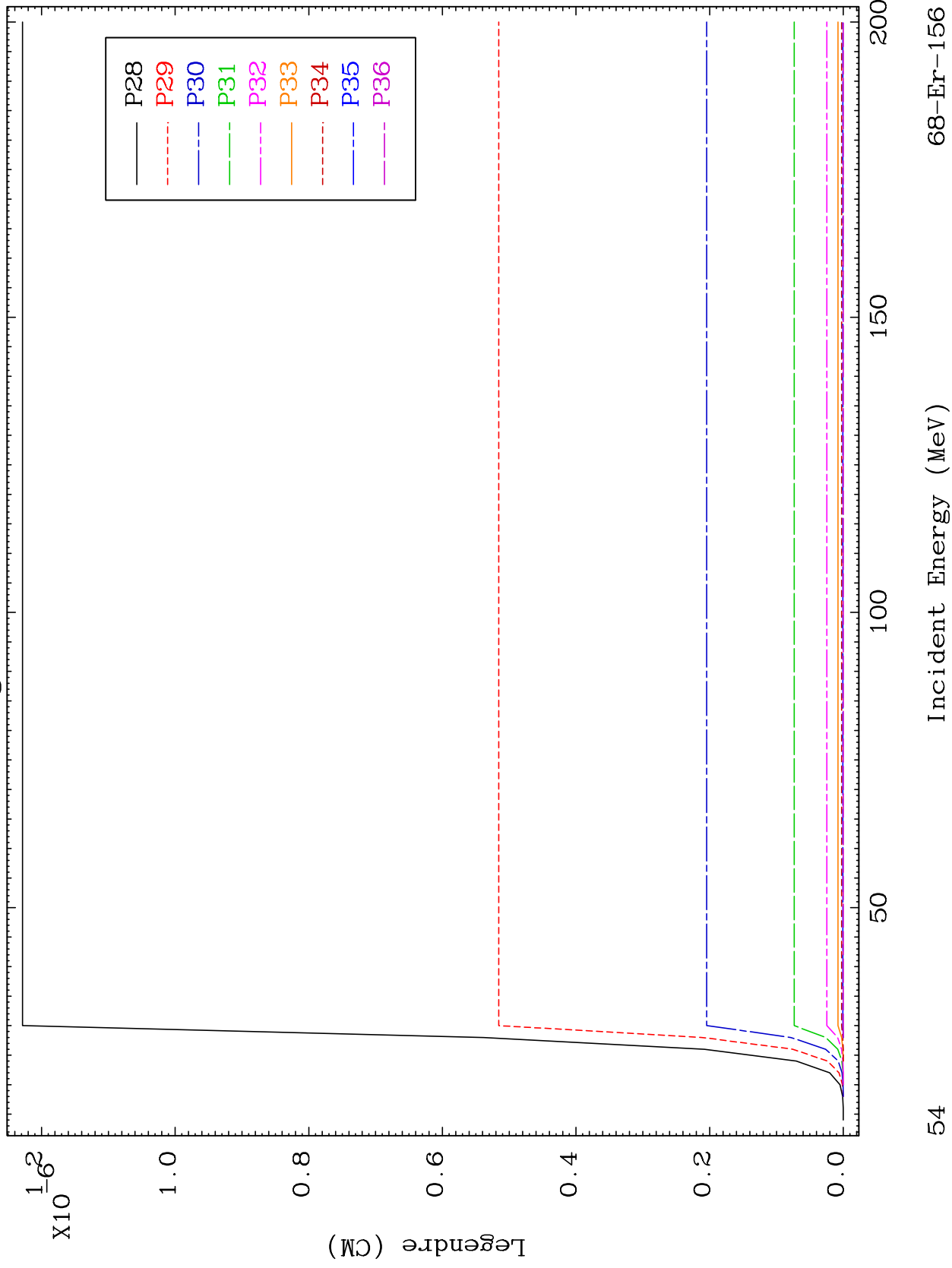
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



54

Incident Energy (MeV)

68-Er-156

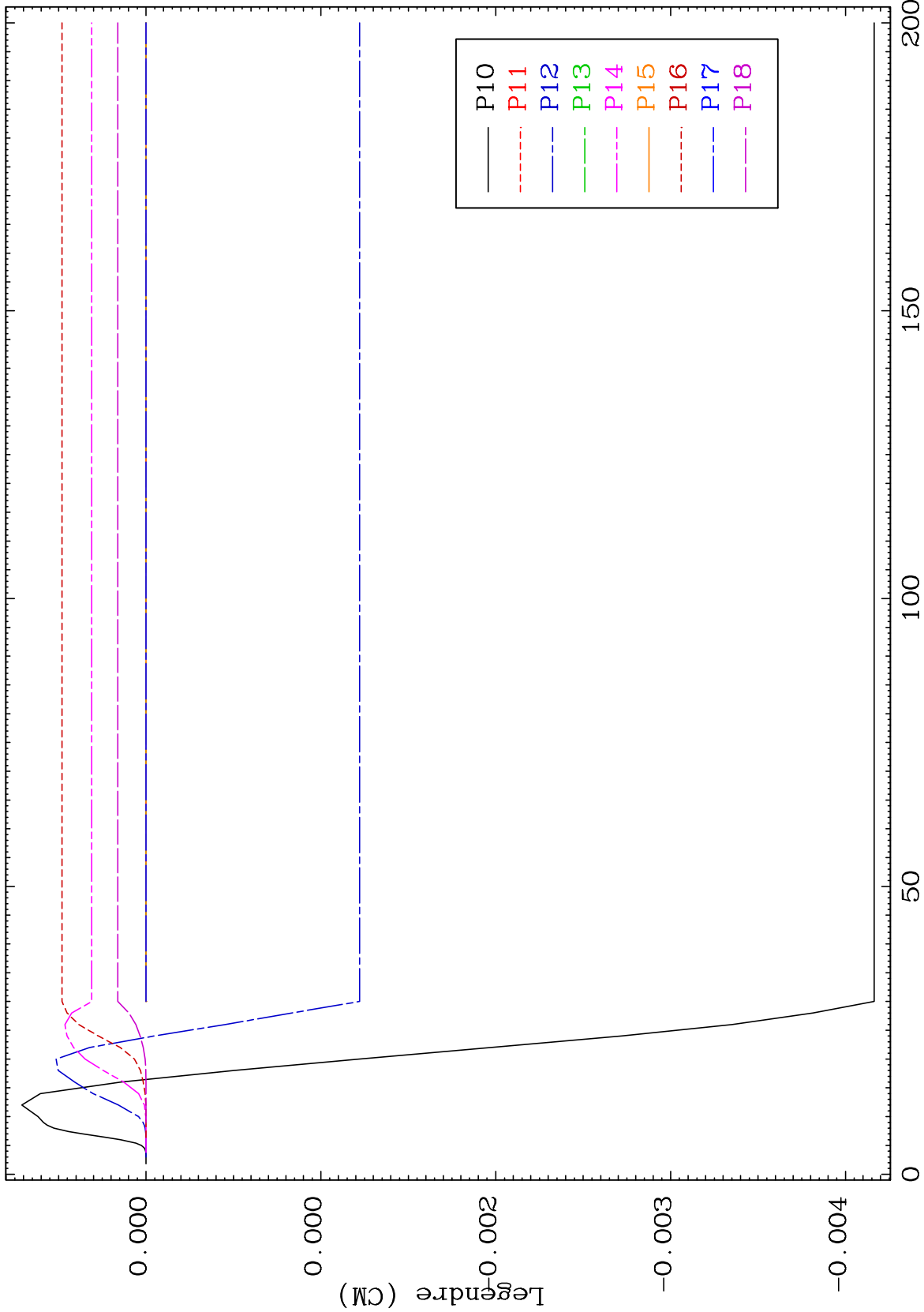




MAT 6807

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

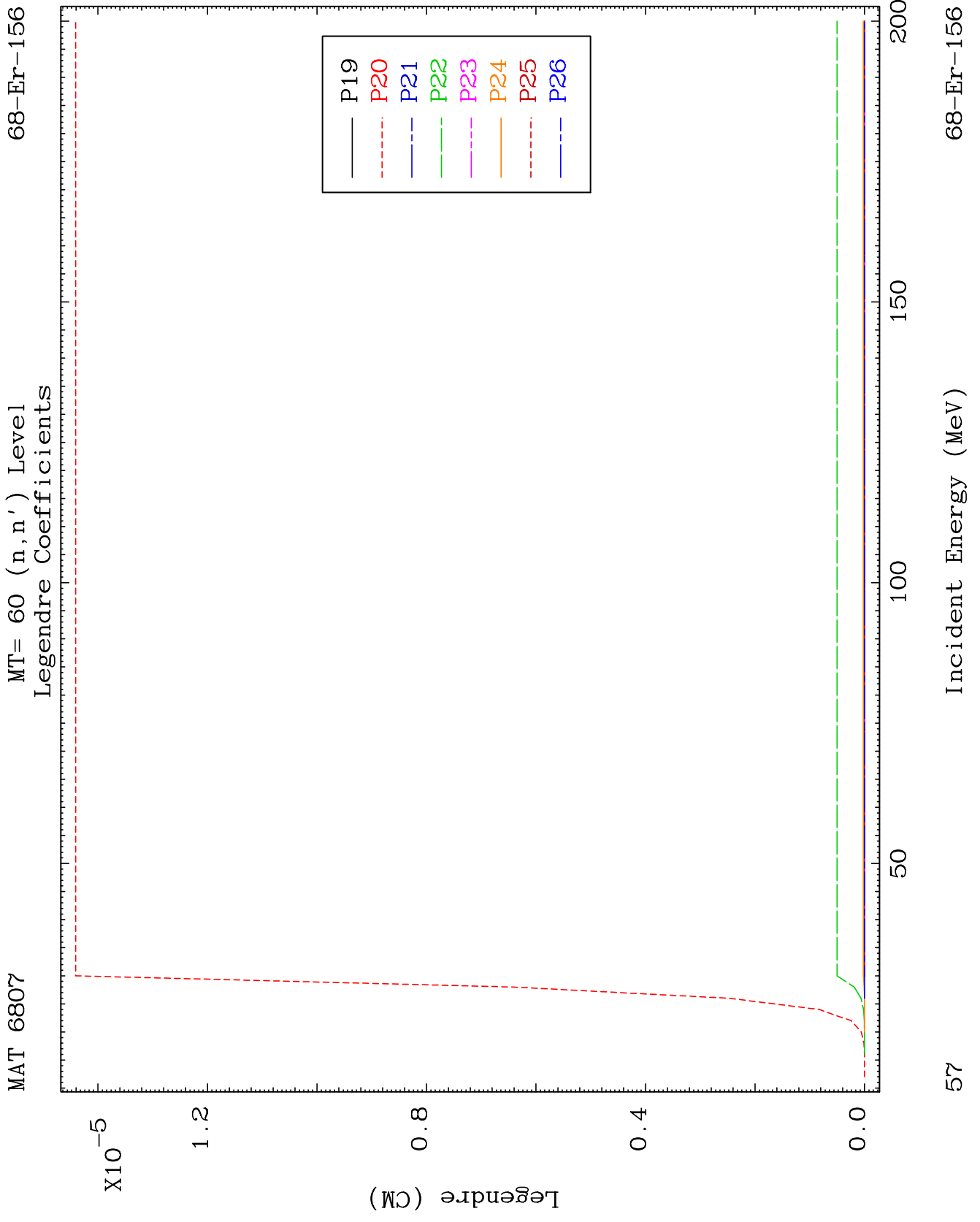
68-Er-156



56

Incident Energy (MeV)

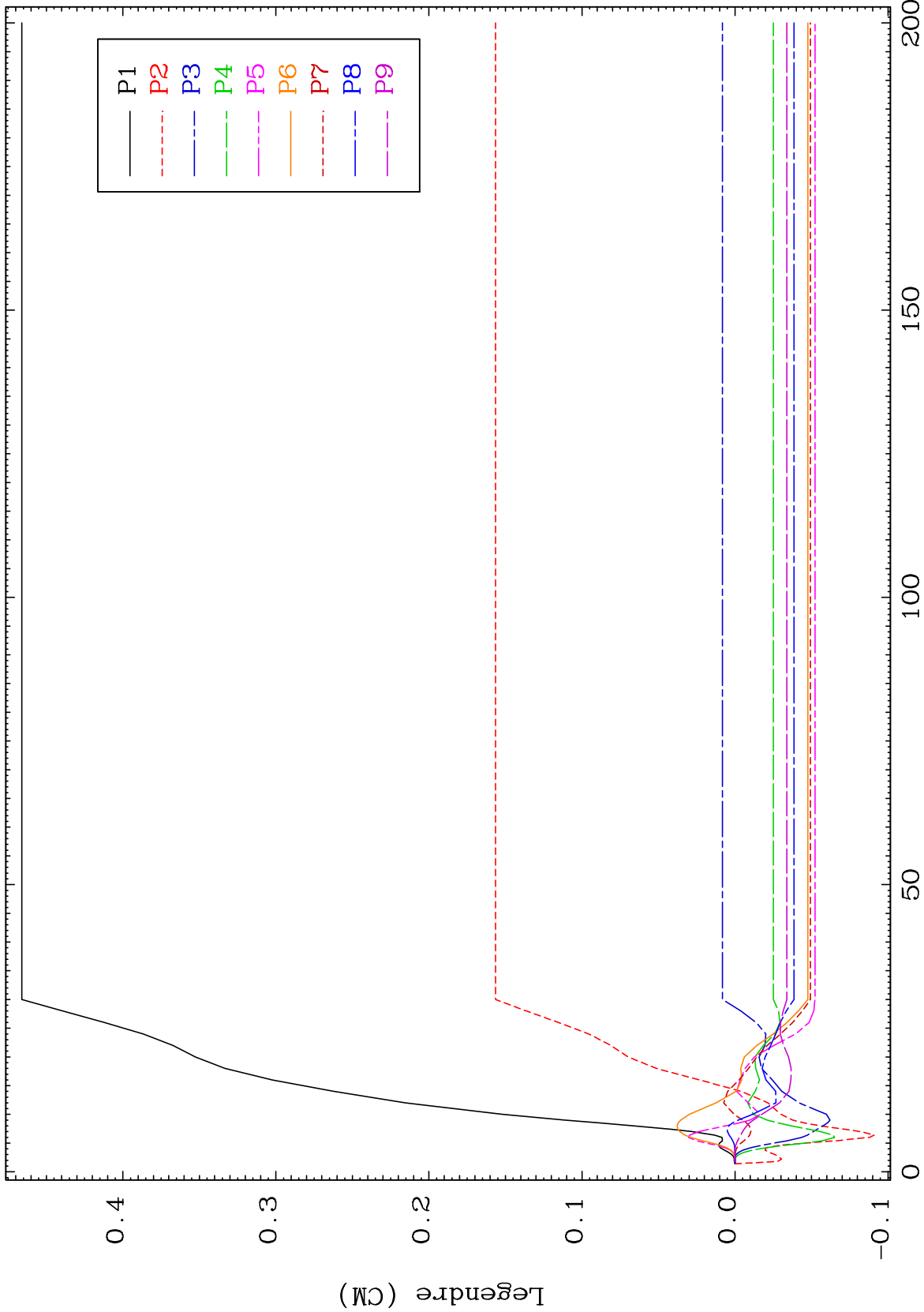
68-Er-156



MAT 6807

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

68-Er-156



58

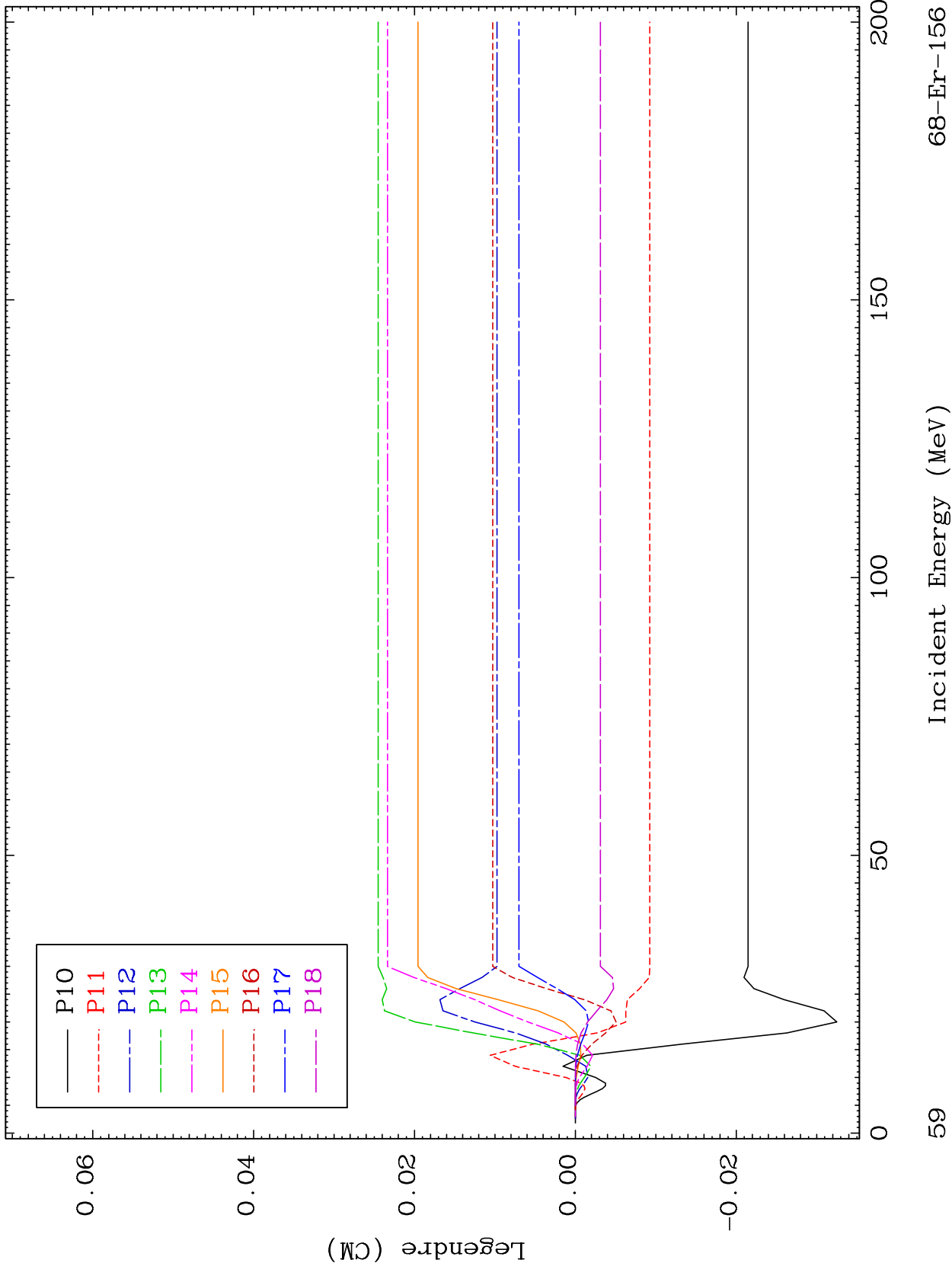
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

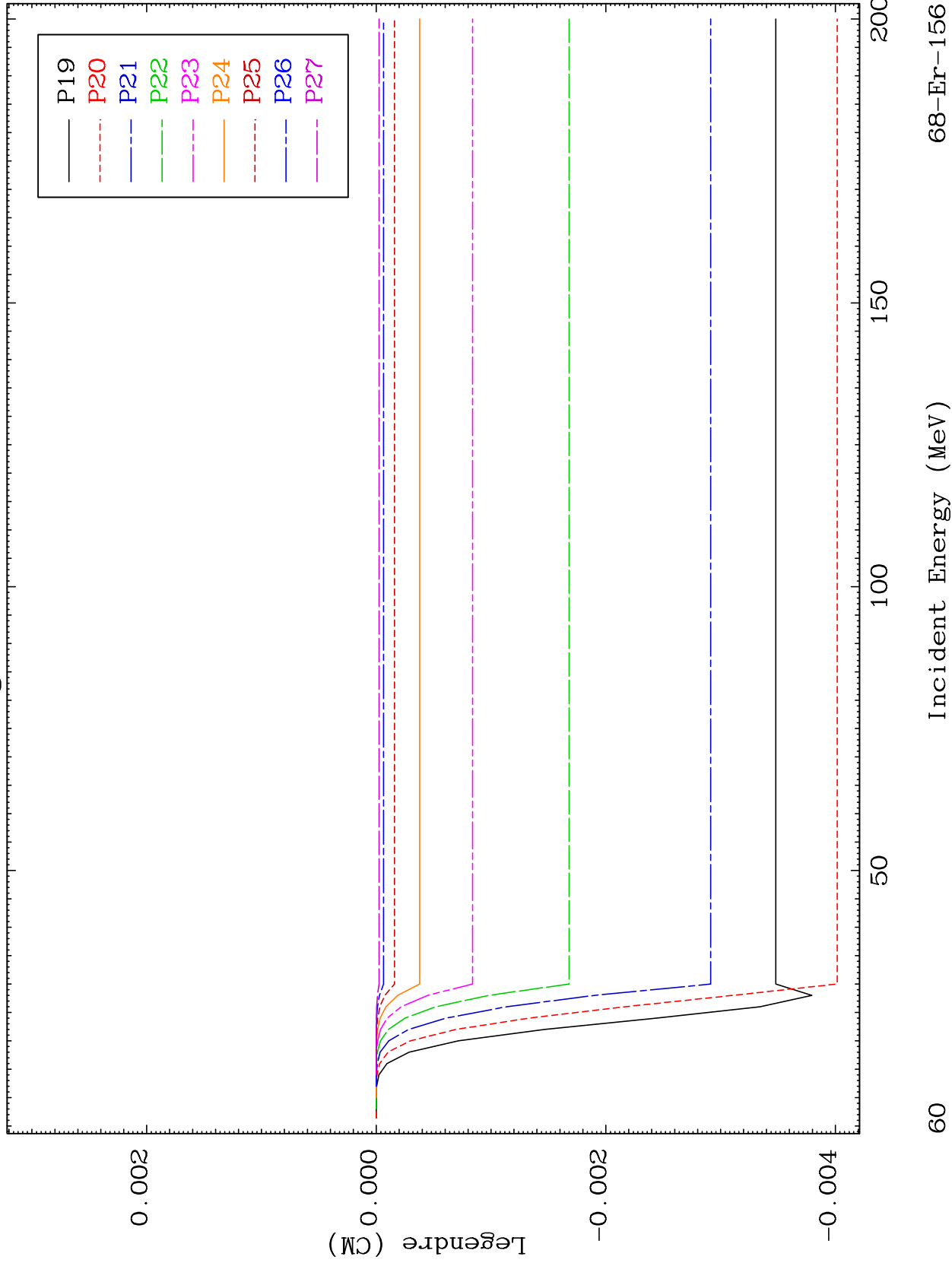
Incident Energy (MeV)

59

MAT 6807

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

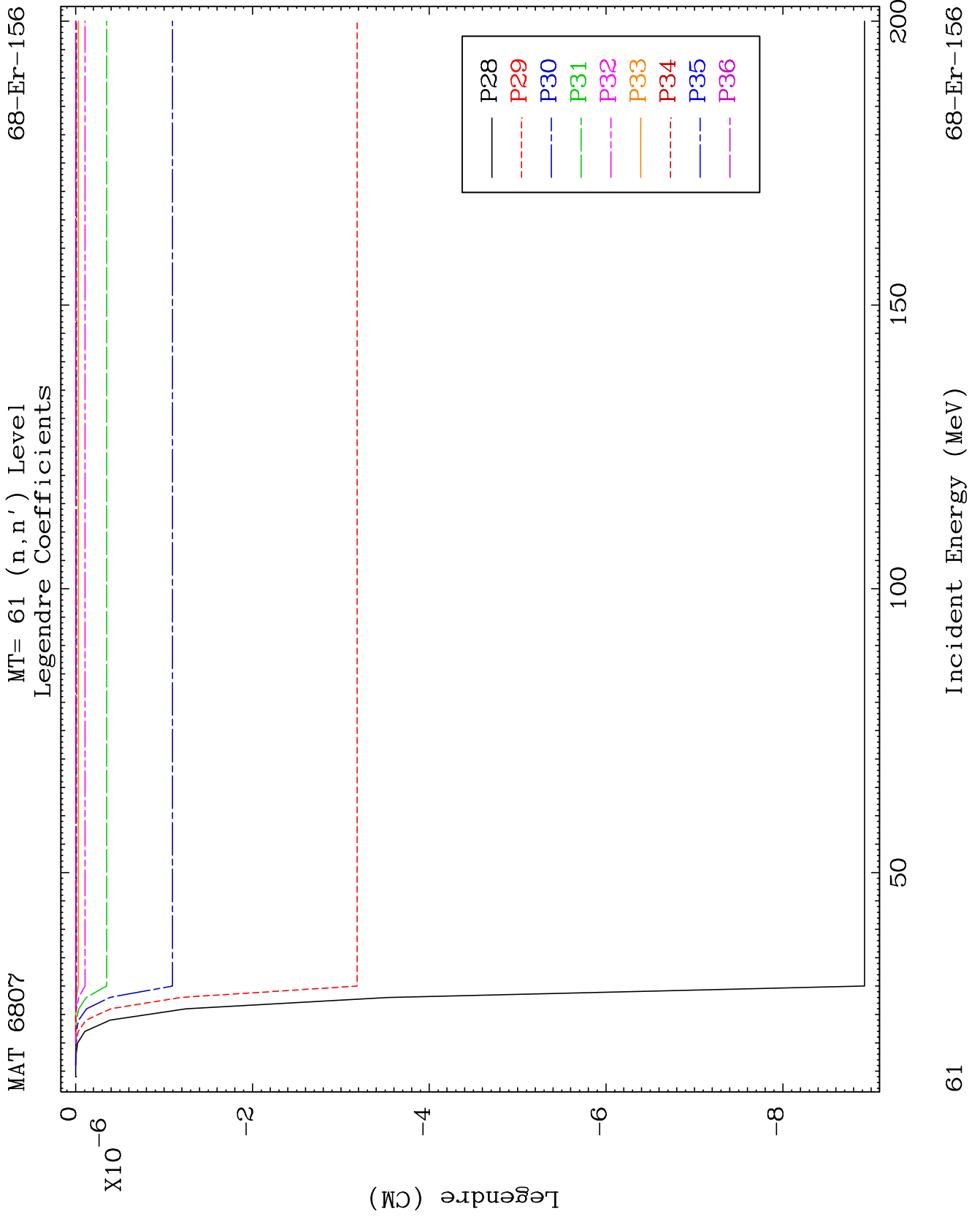
68-Er-156



68-Er-156

Incident Energy (MeV)

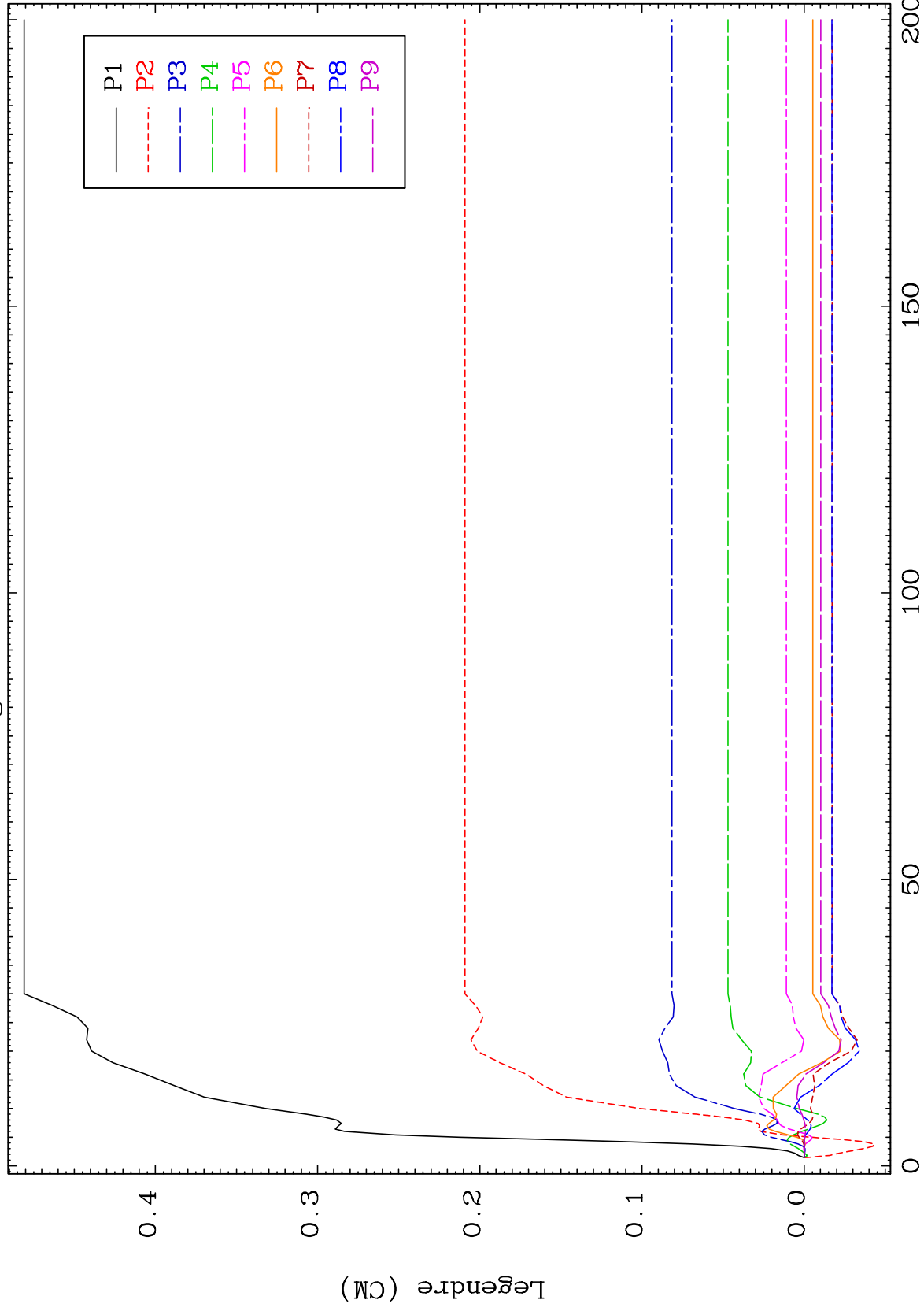
60



MAT 6807

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

68-Er-156



62

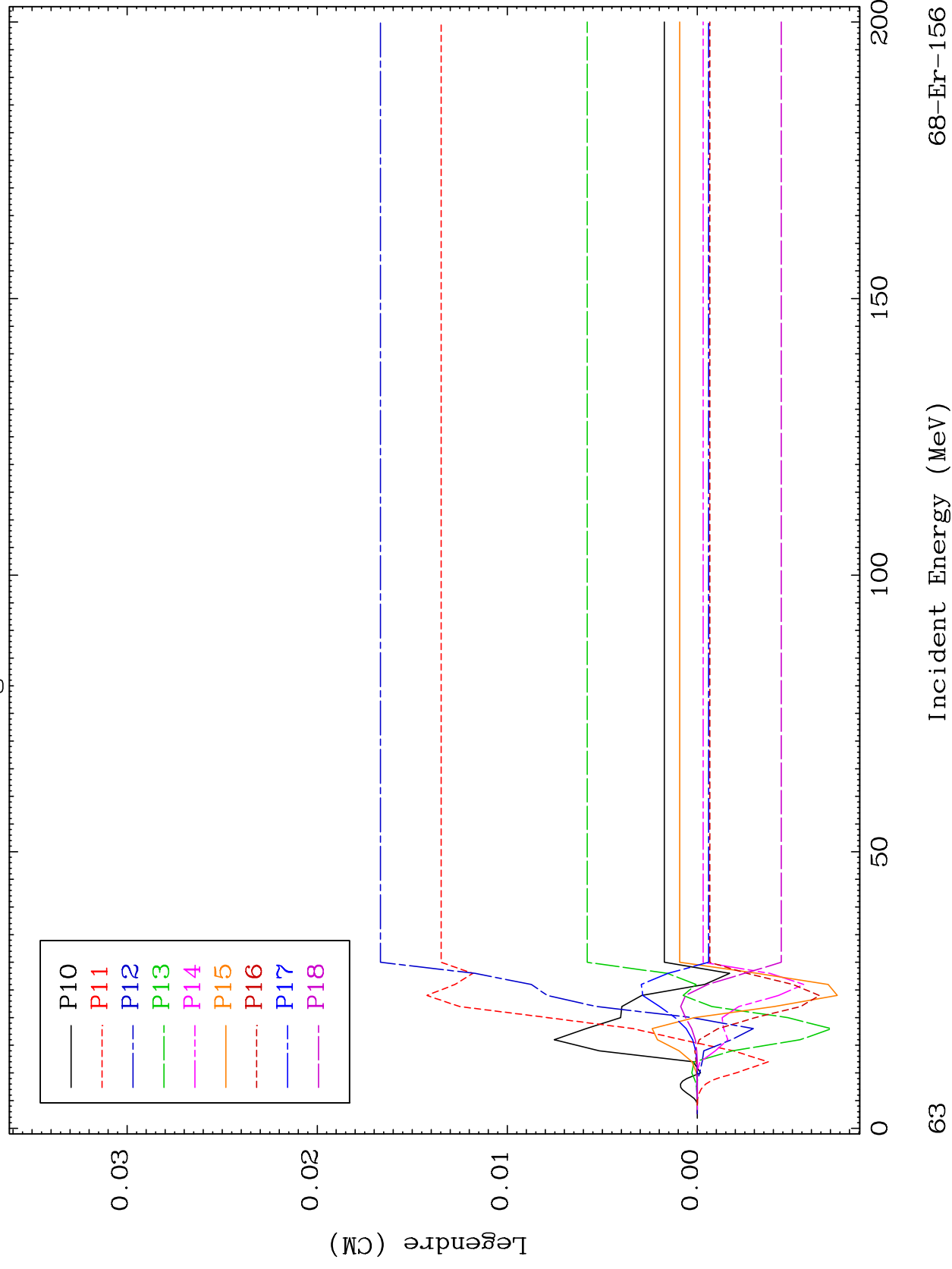
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



63

Incident Energy (MeV)

68-Er-156

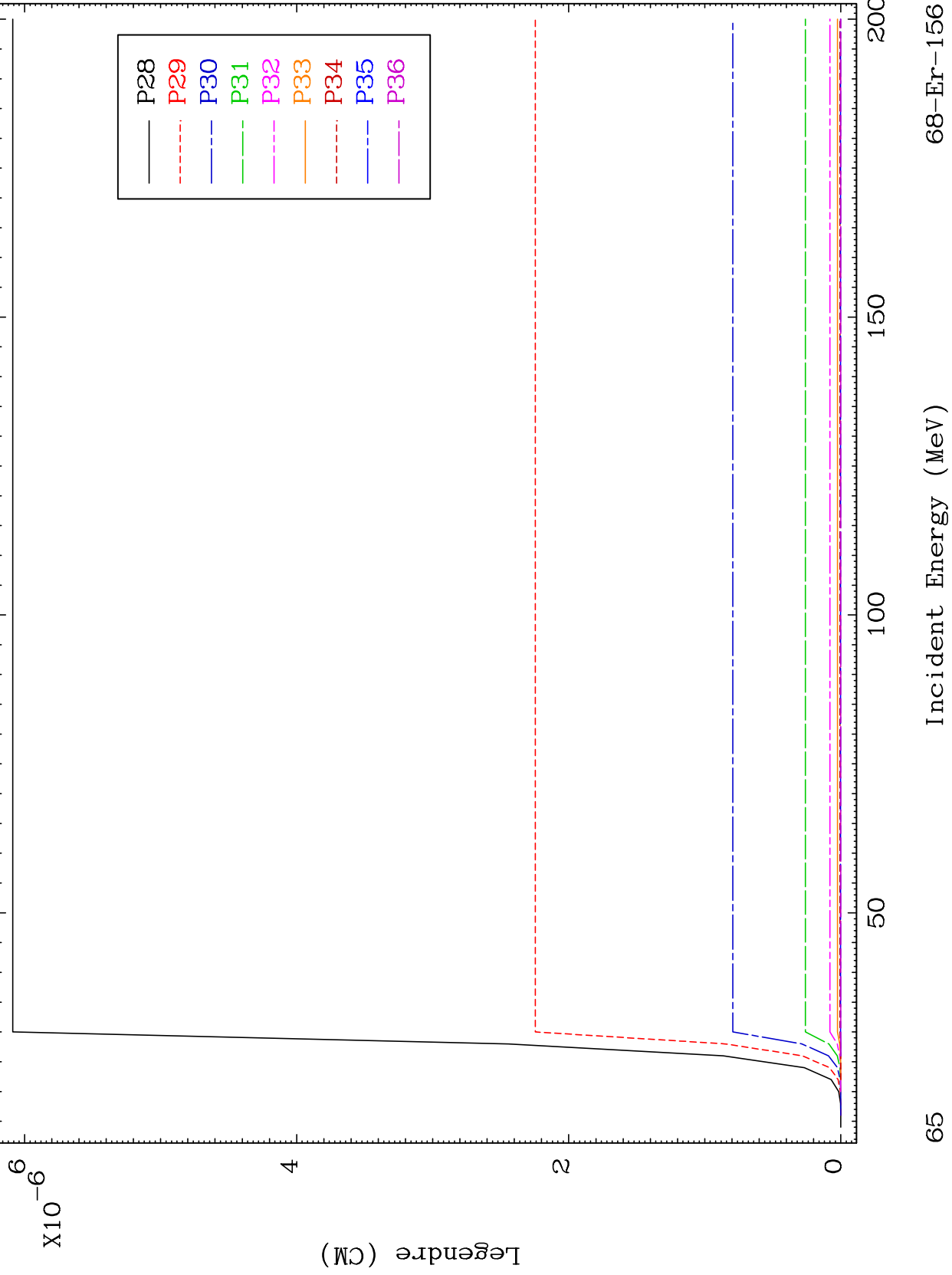




MAT 6807

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

68-Er-156

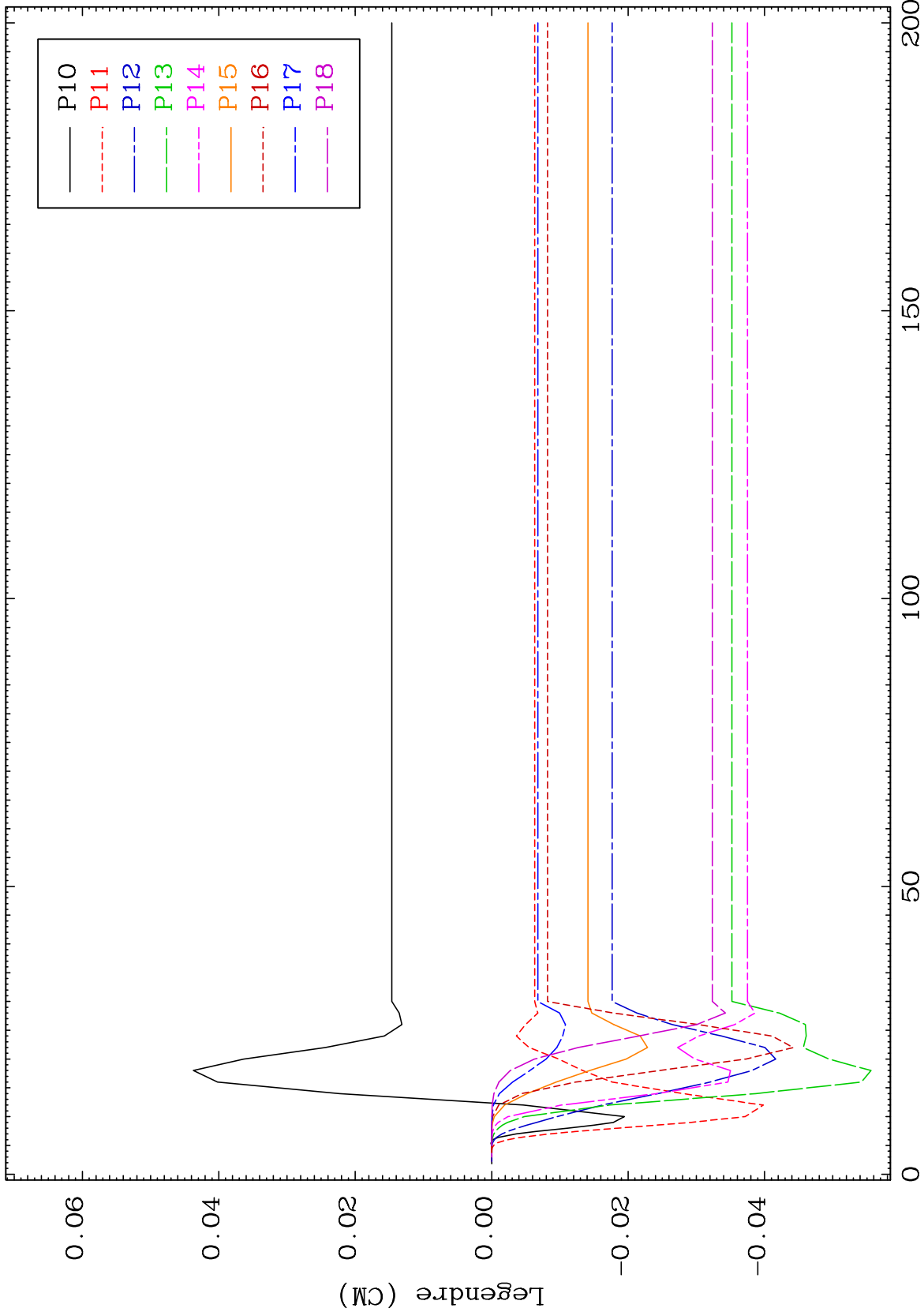




MAT 6807

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

68-Er-156



67

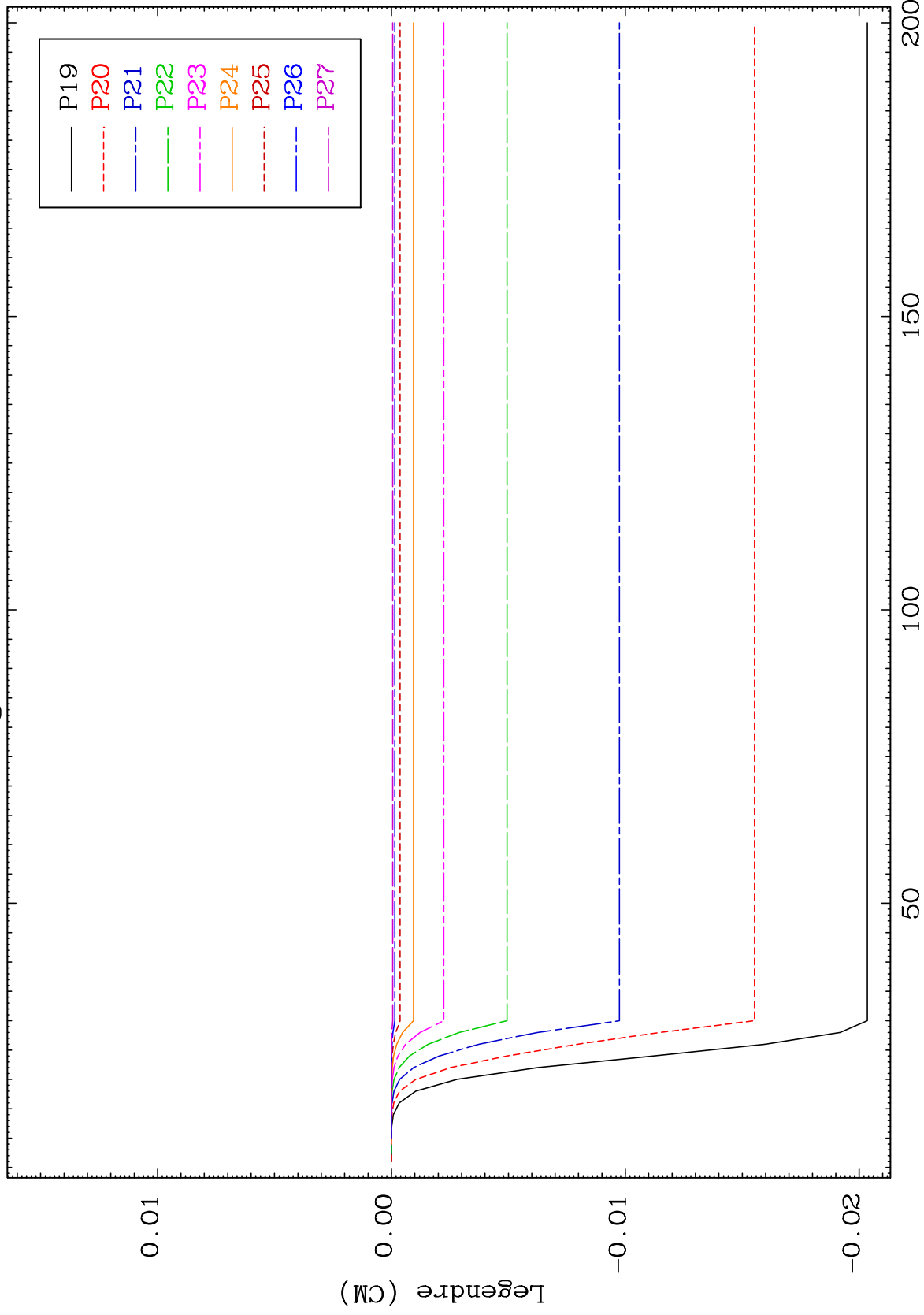
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68

Incident Energy (MeV)

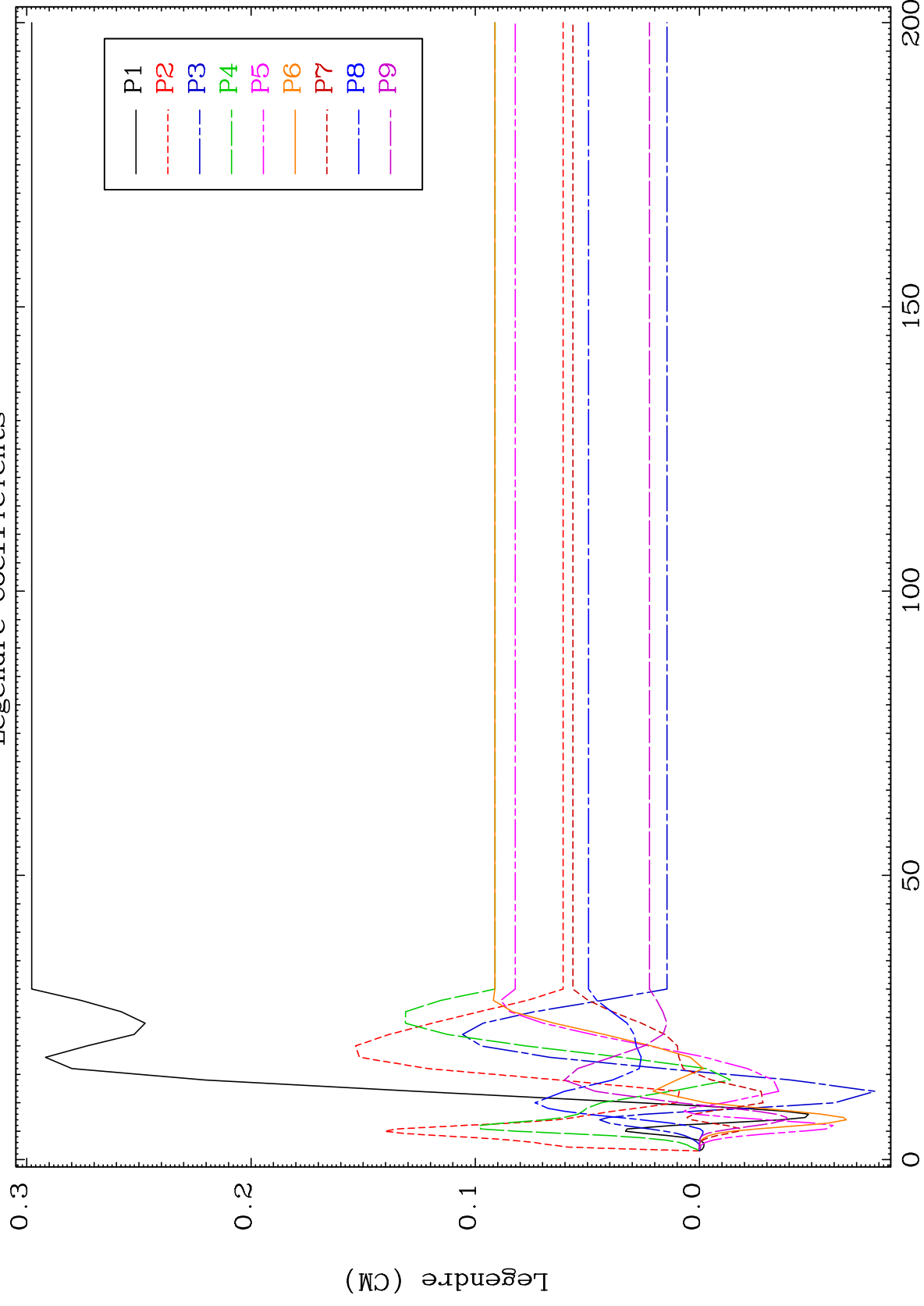
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

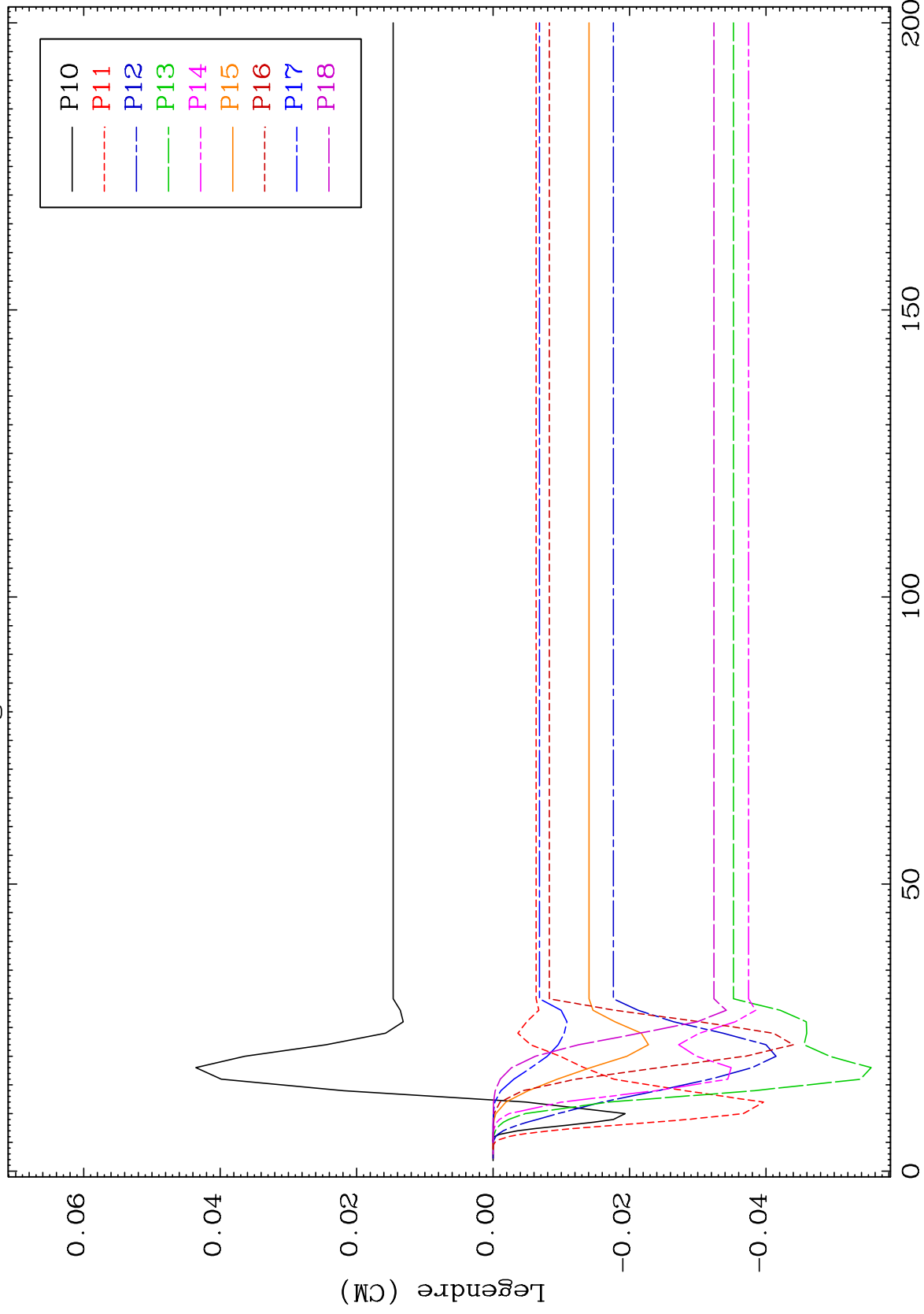
Incident Energy (MeV)

70

MAT 6807

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

68-Er-156



71

Incident Energy (MeV)

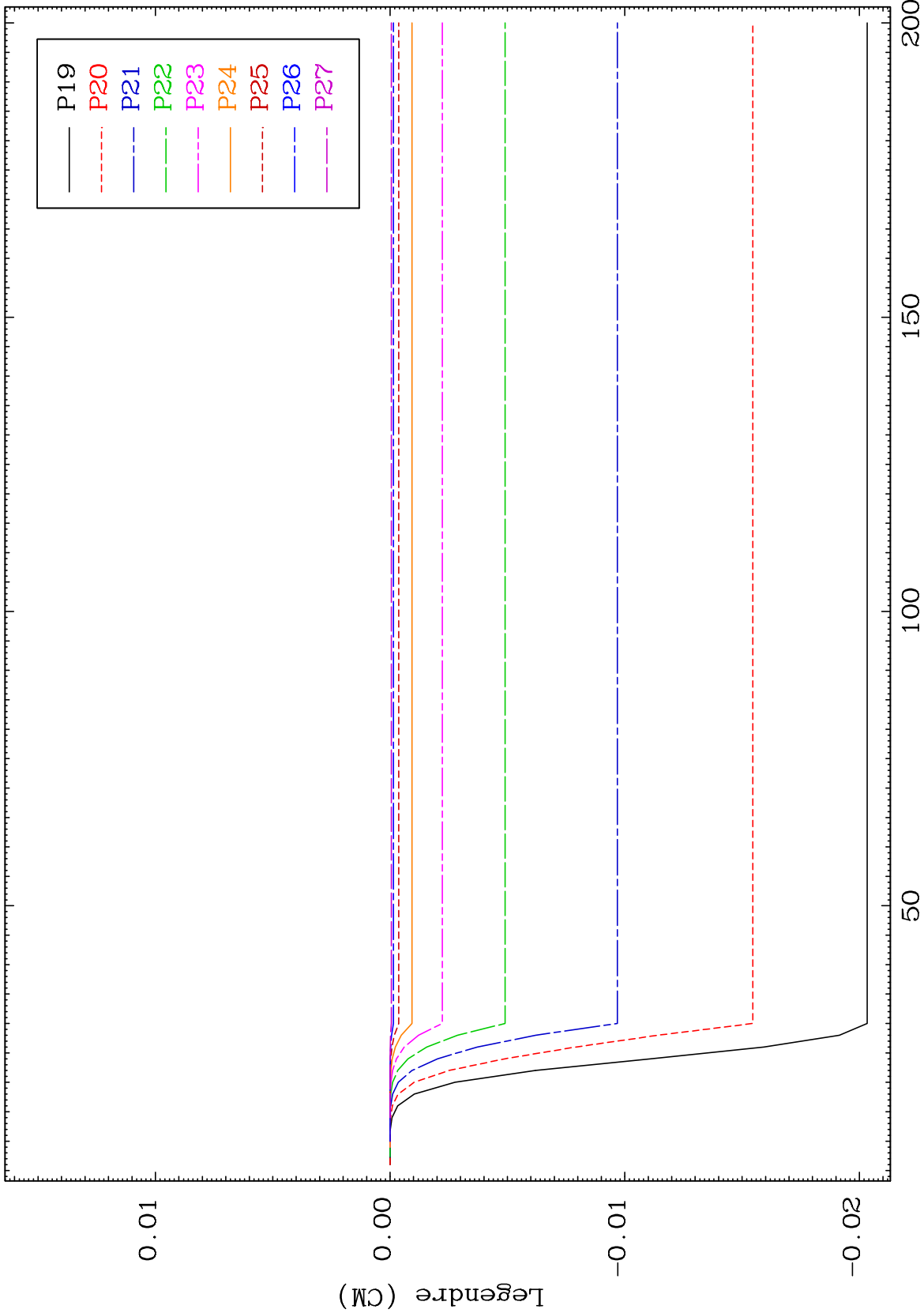
68-Er-156



MAT 6807

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

68-Er-156



72

Incident Energy (MeV)

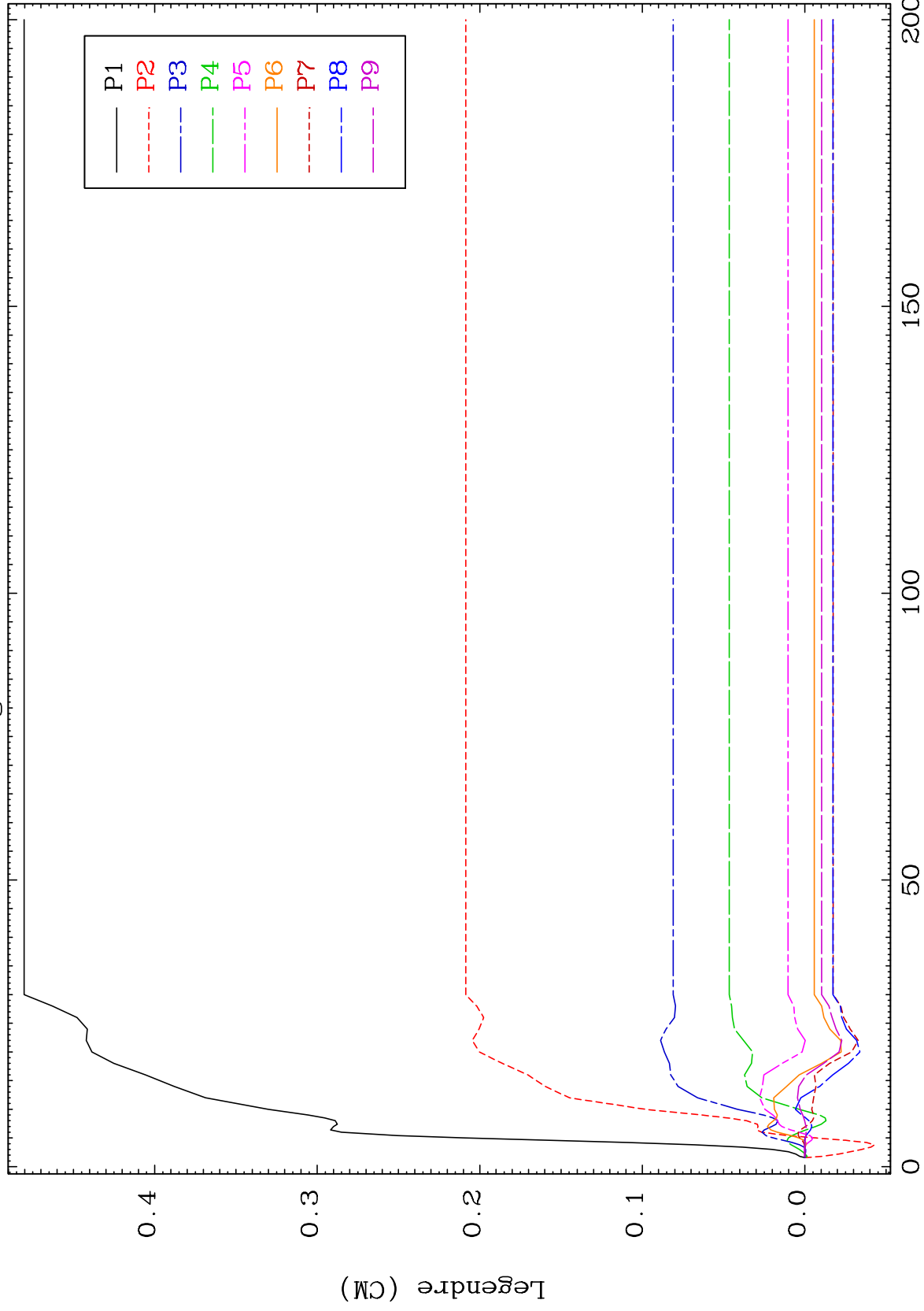
68-Er-156



MAT 6807

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

68-Er-156



74

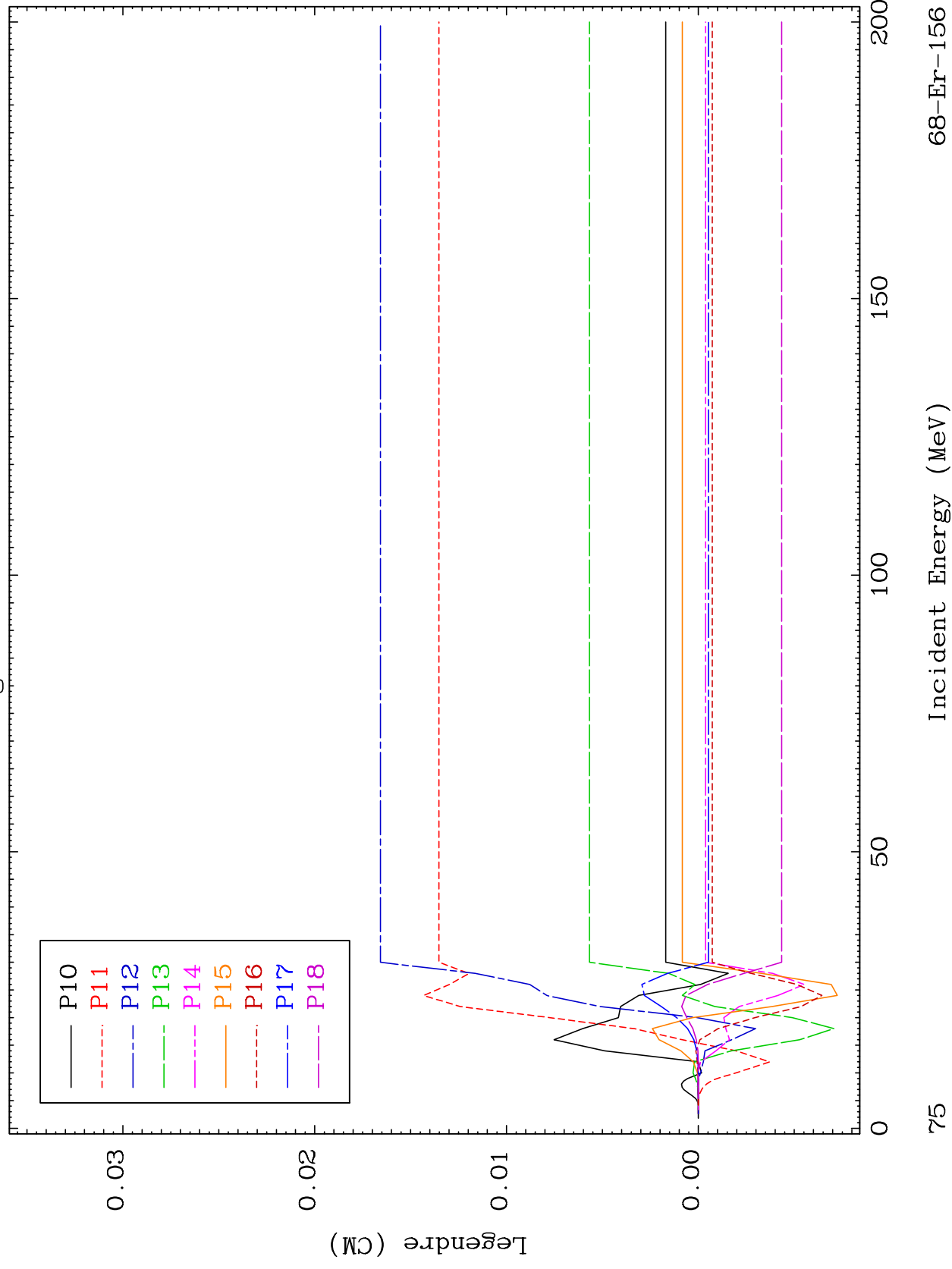
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

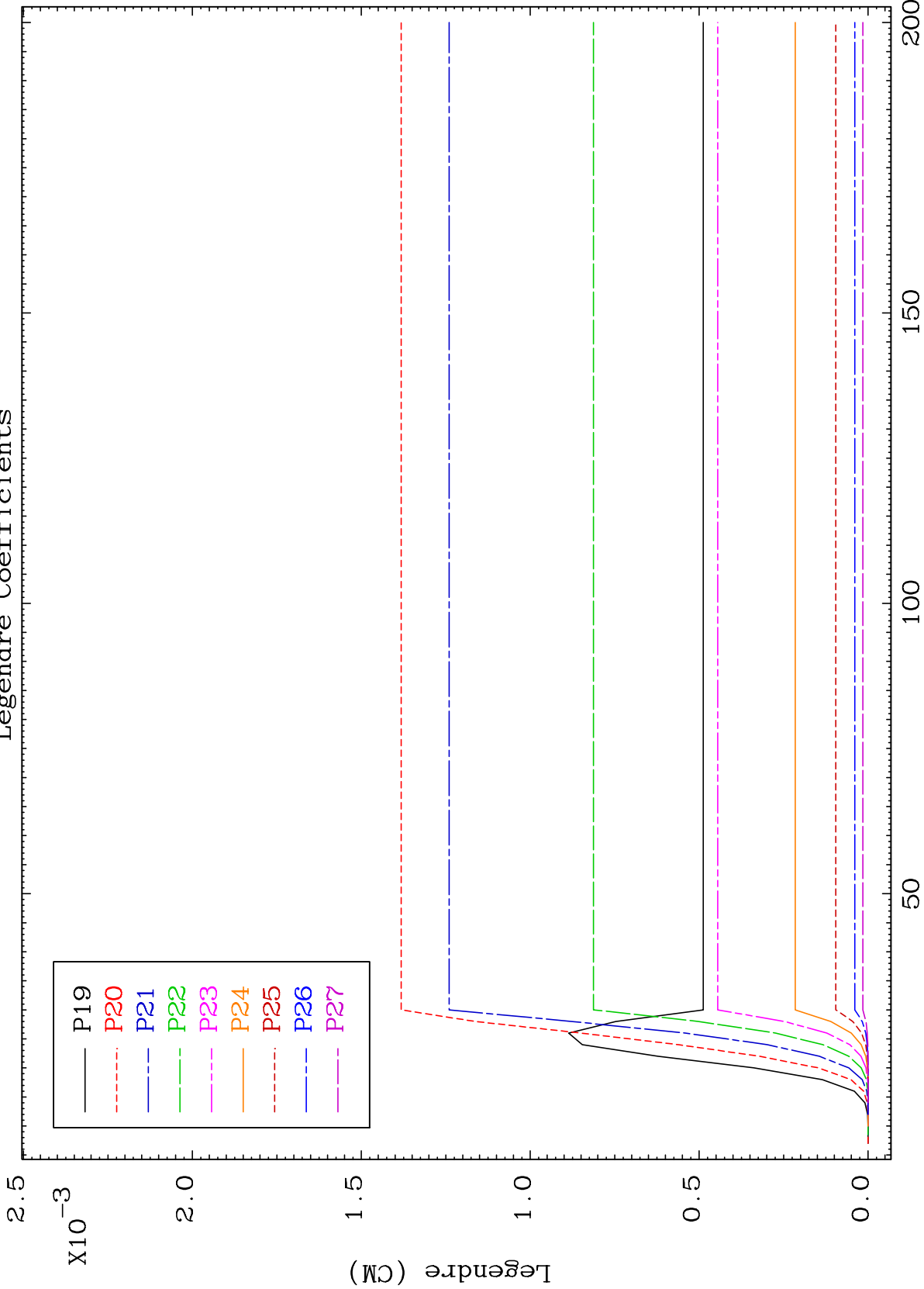
Incident Energy (MeV)

75

MAT 6807

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

68-Er-156



76

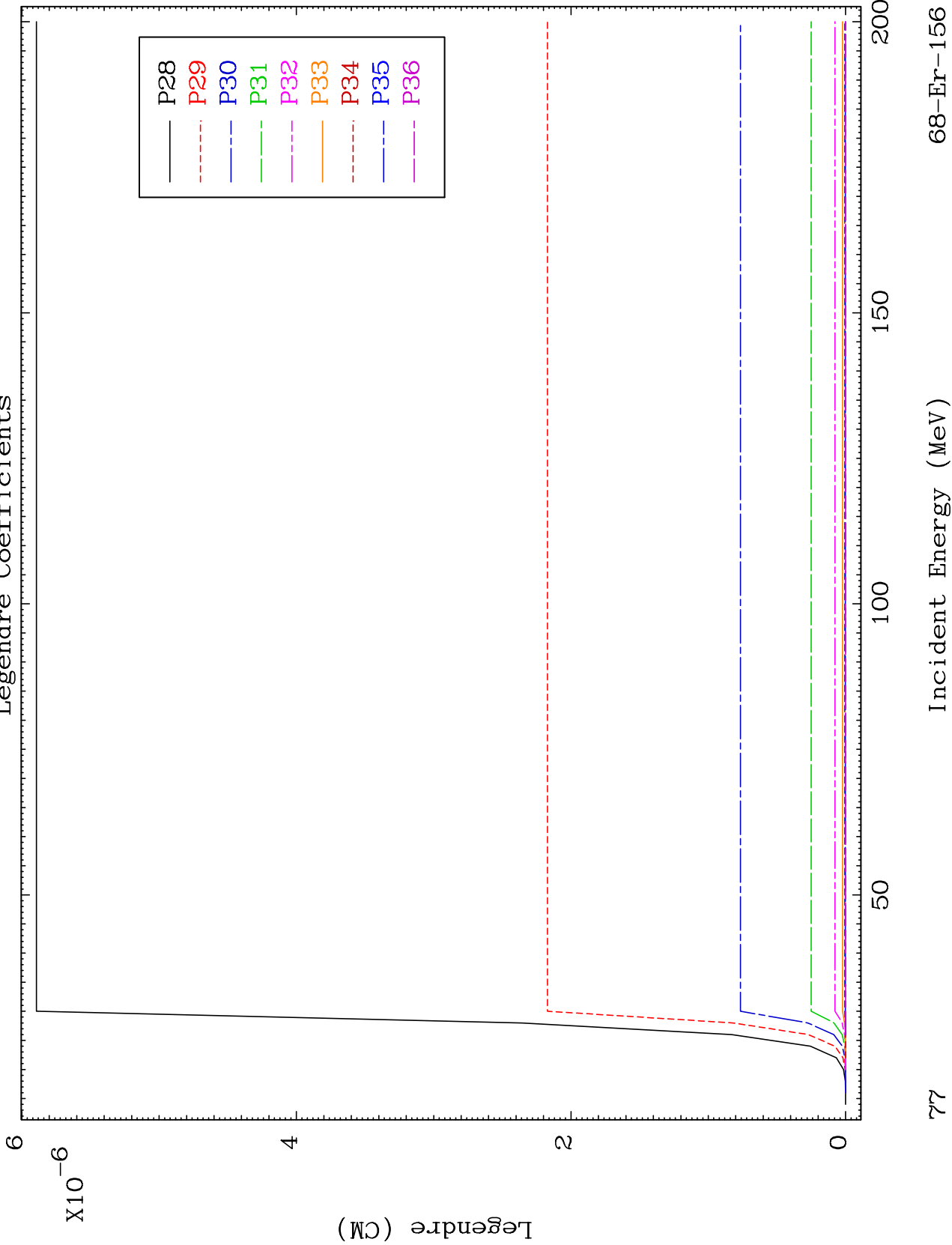
Incident Energy (MeV)

68-Er-156

MAT 6807

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

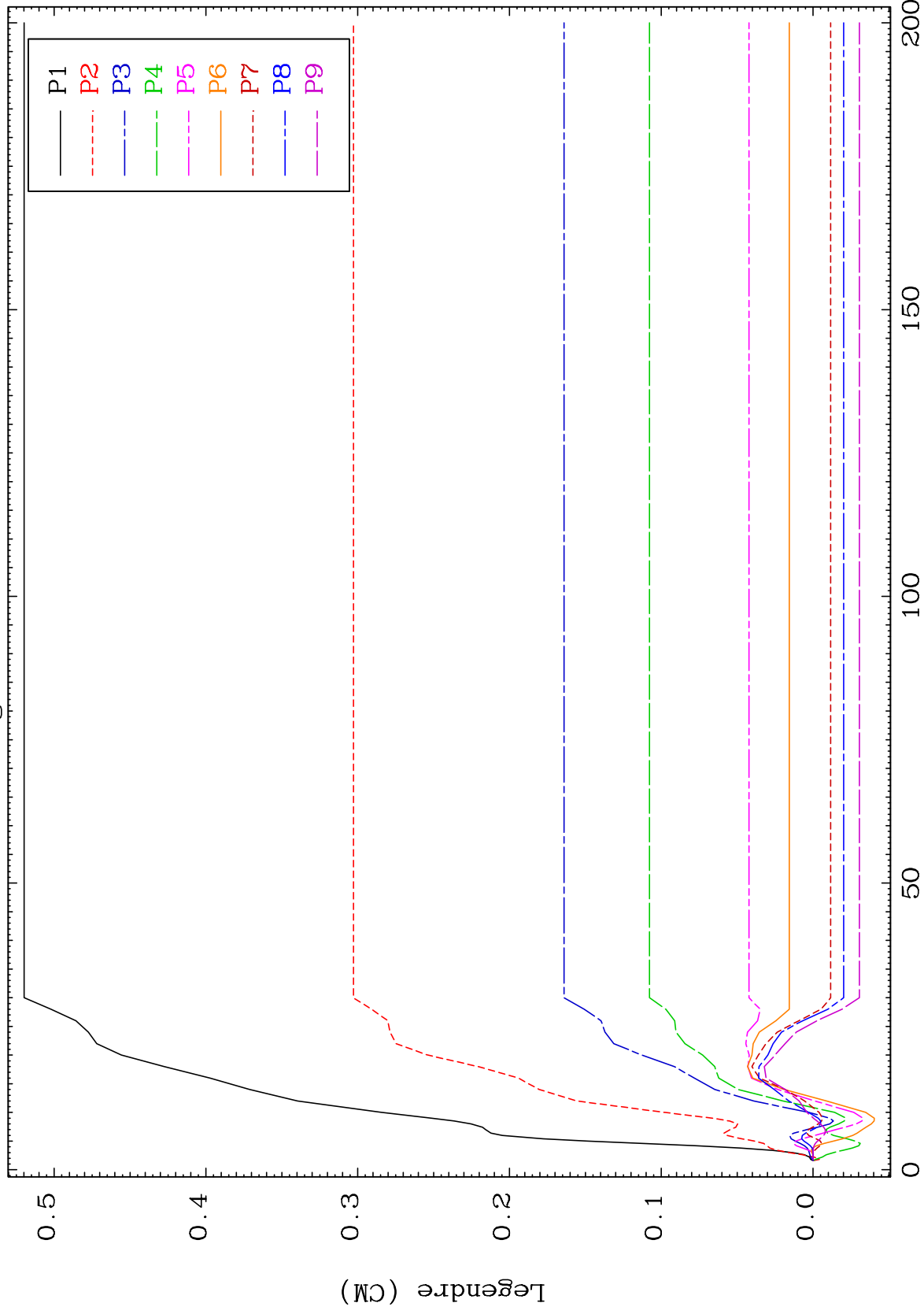
68-Er-156



MAT 6807

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

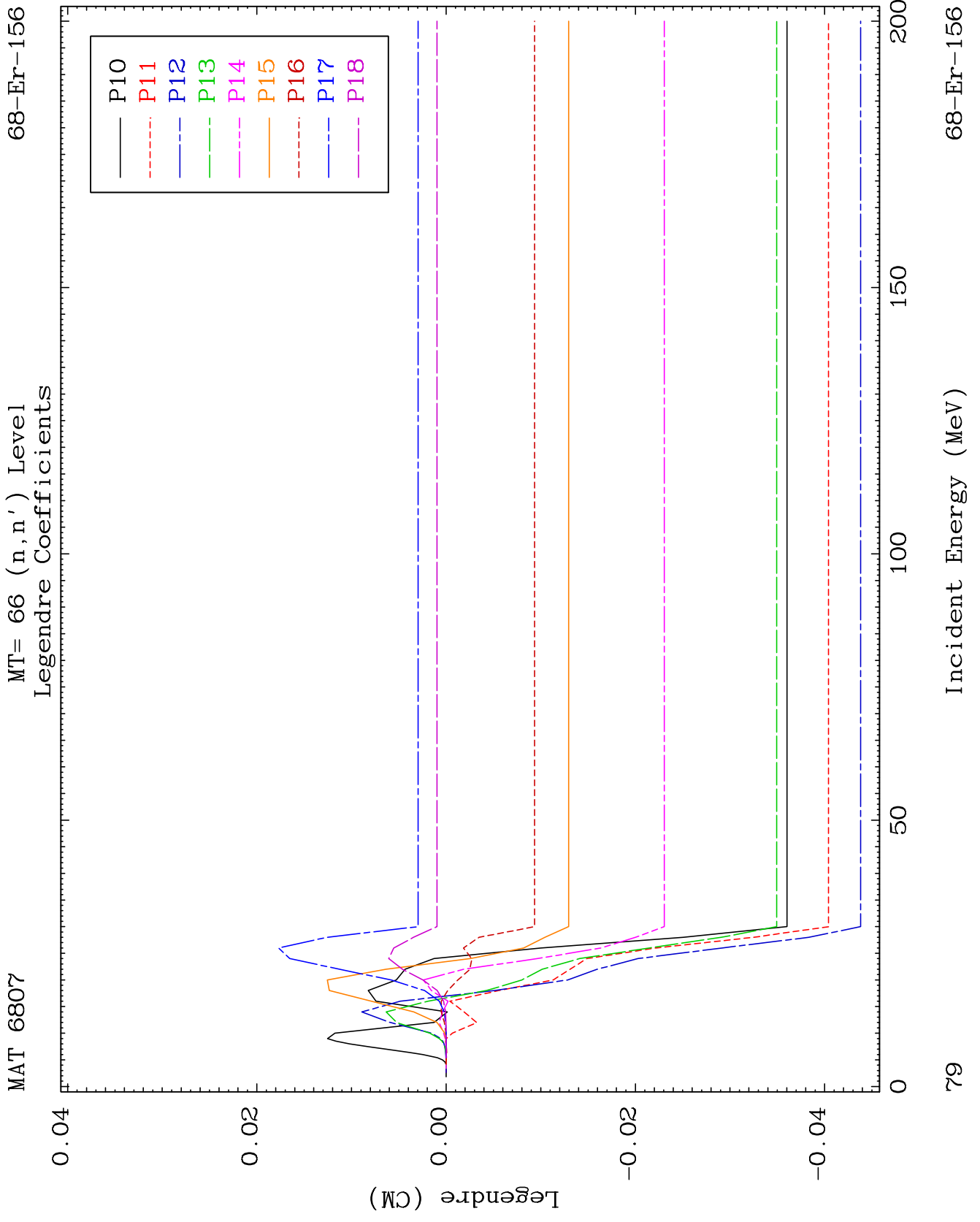
68-Er-156



78

Incident Energy (MeV)

68-Er-156

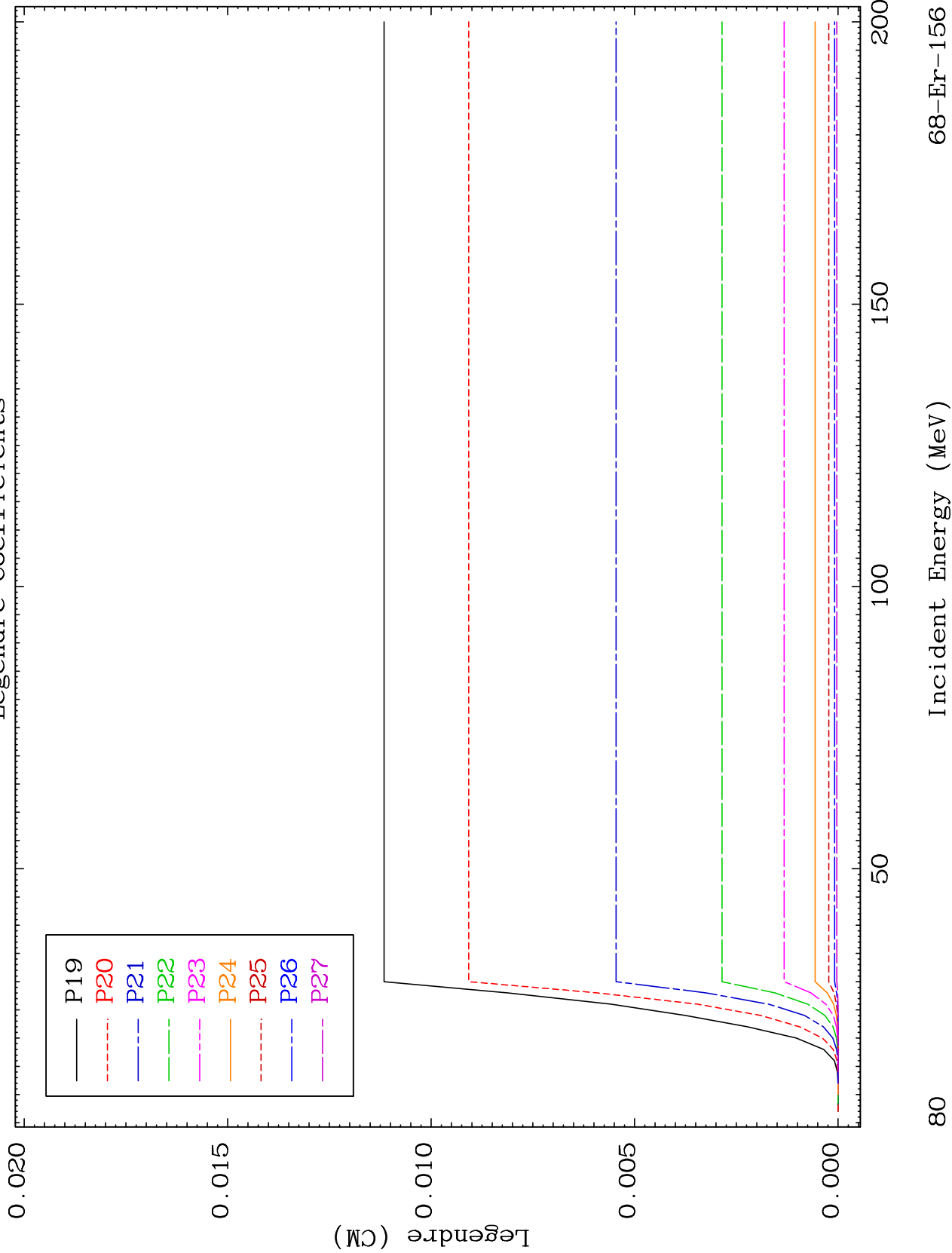




MAT 6807

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

68-Er-156



80

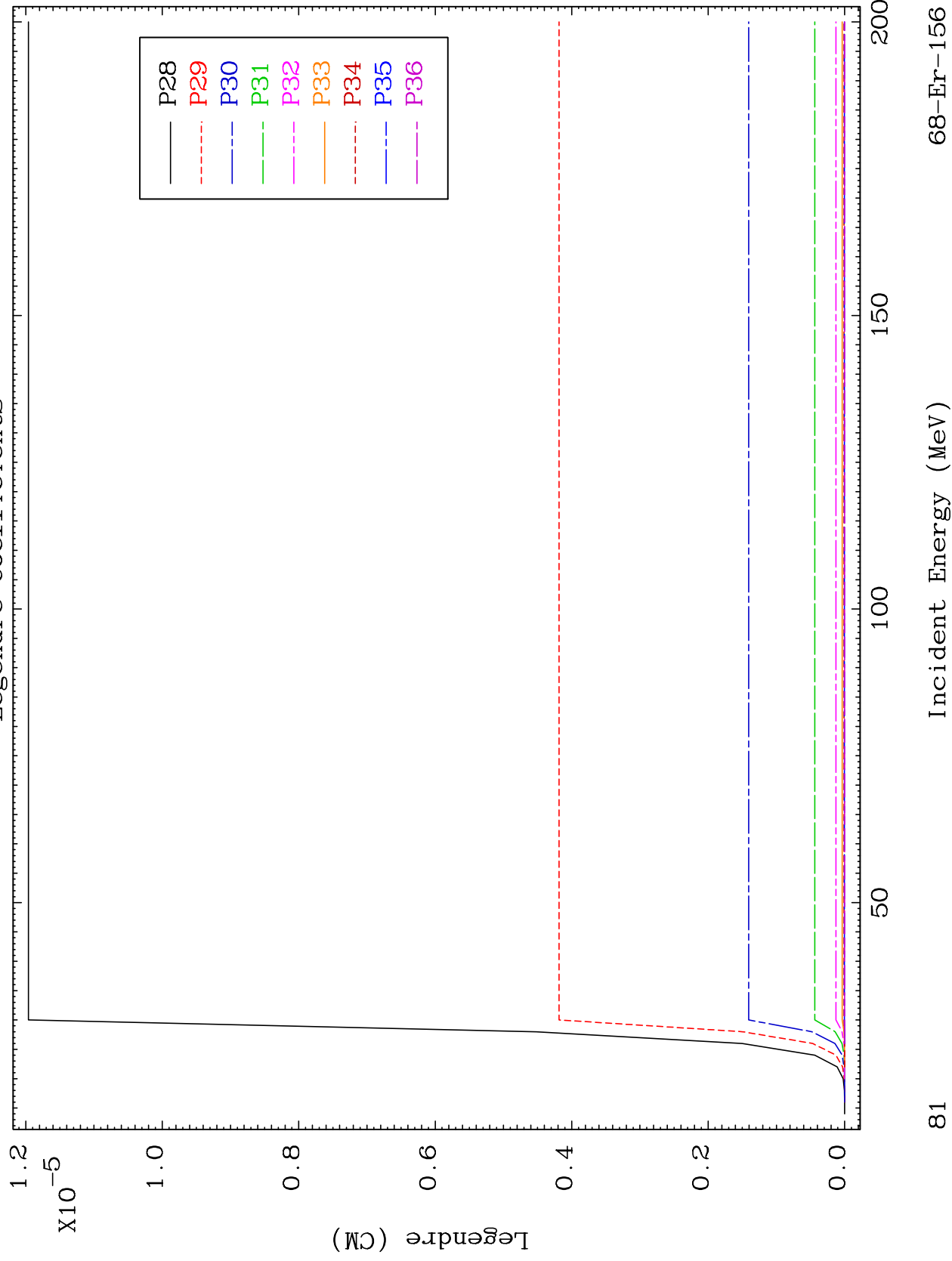
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



81

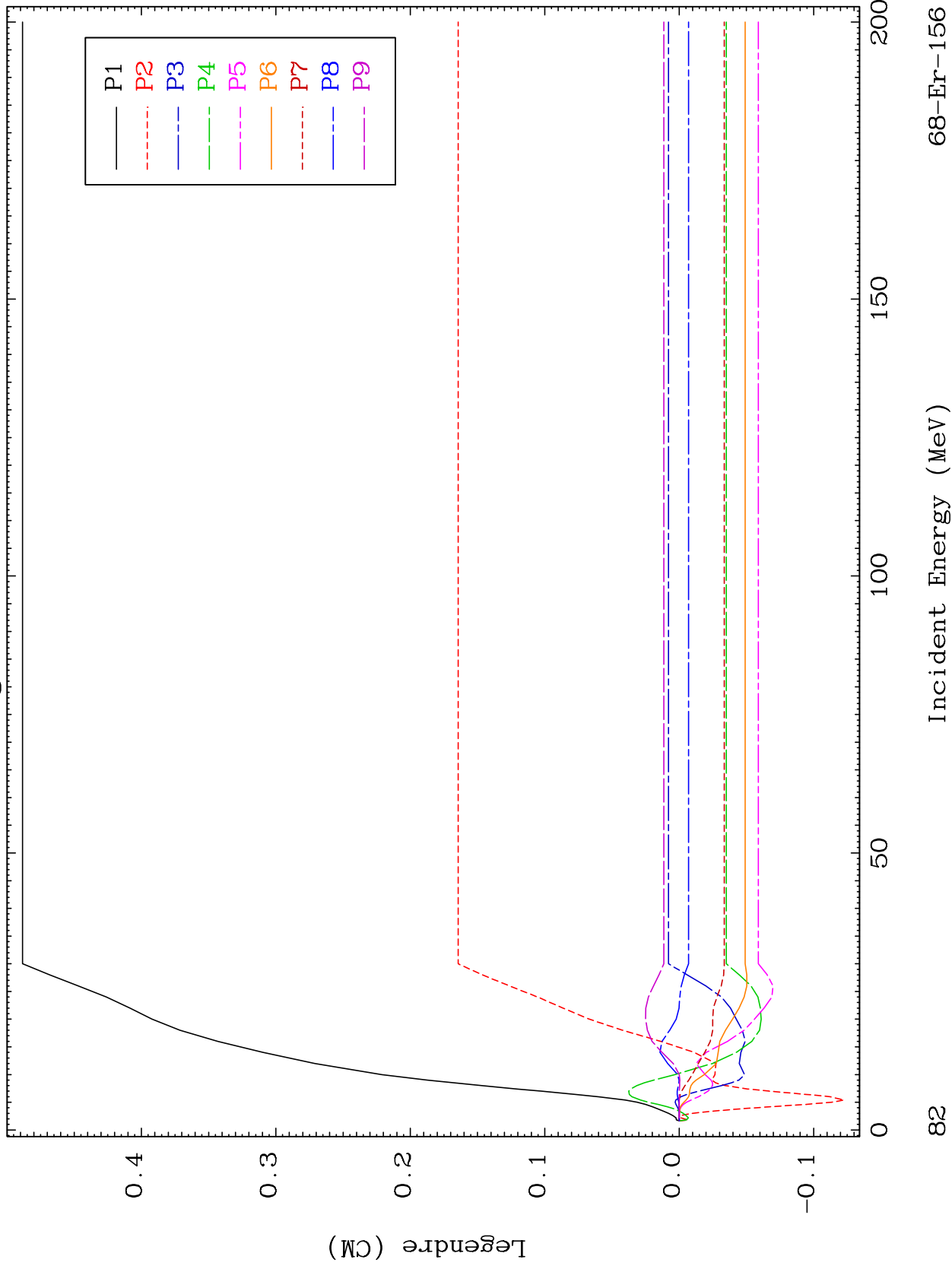
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

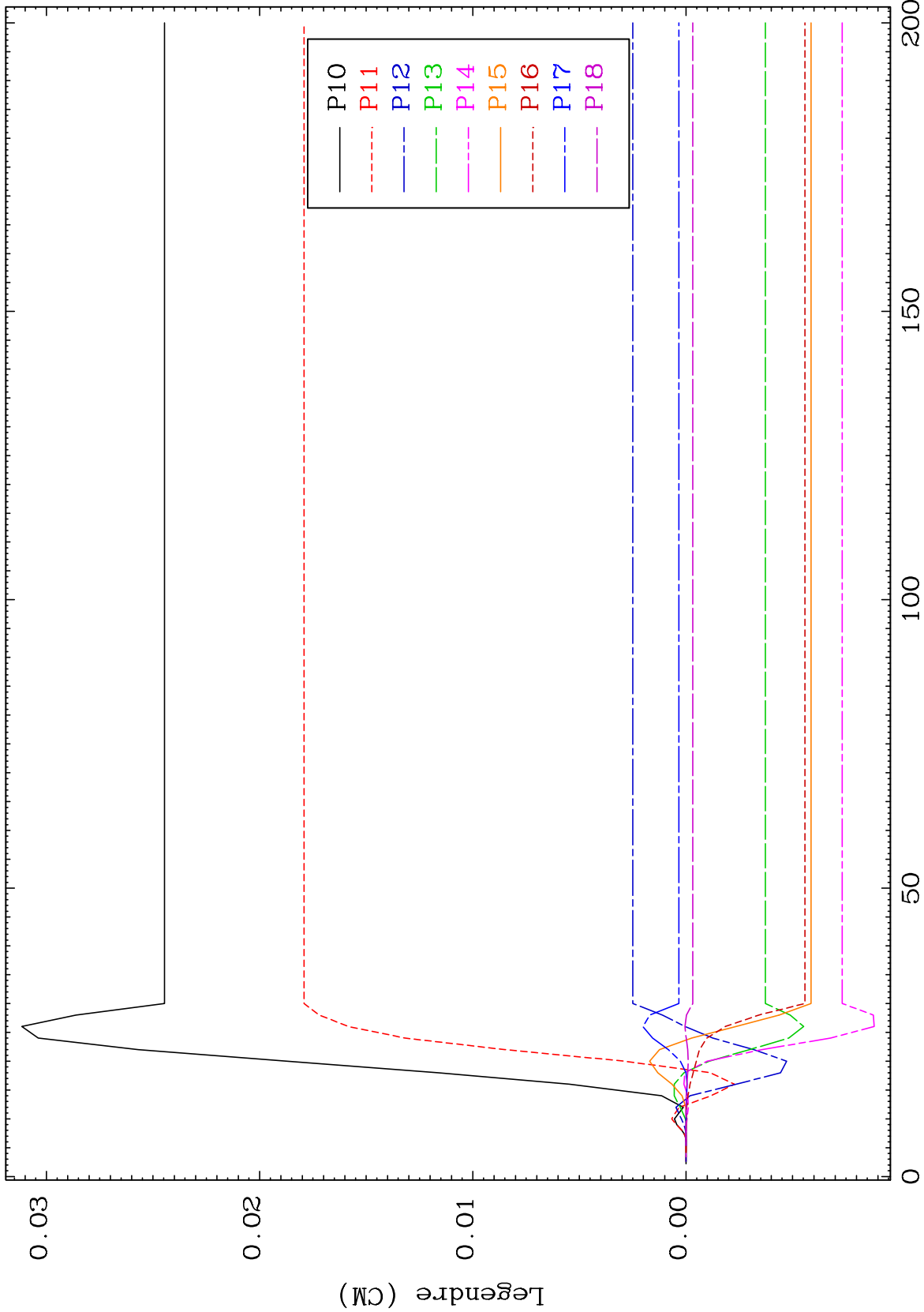
Incident Energy (MeV)

82

MAT 6807

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

68-Er-156



83

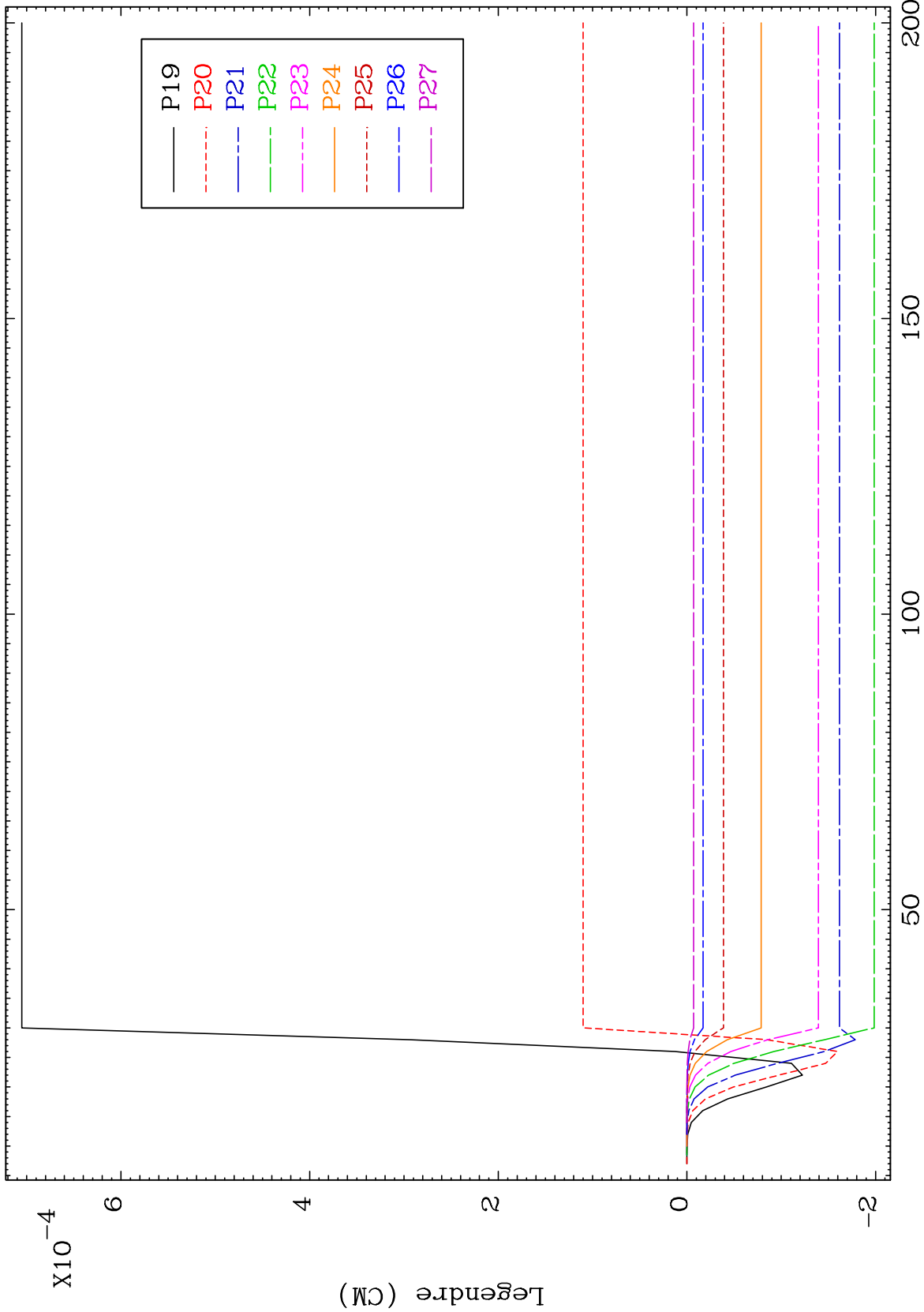
Incident Energy (MeV)

68-Er-156

MAT 6807

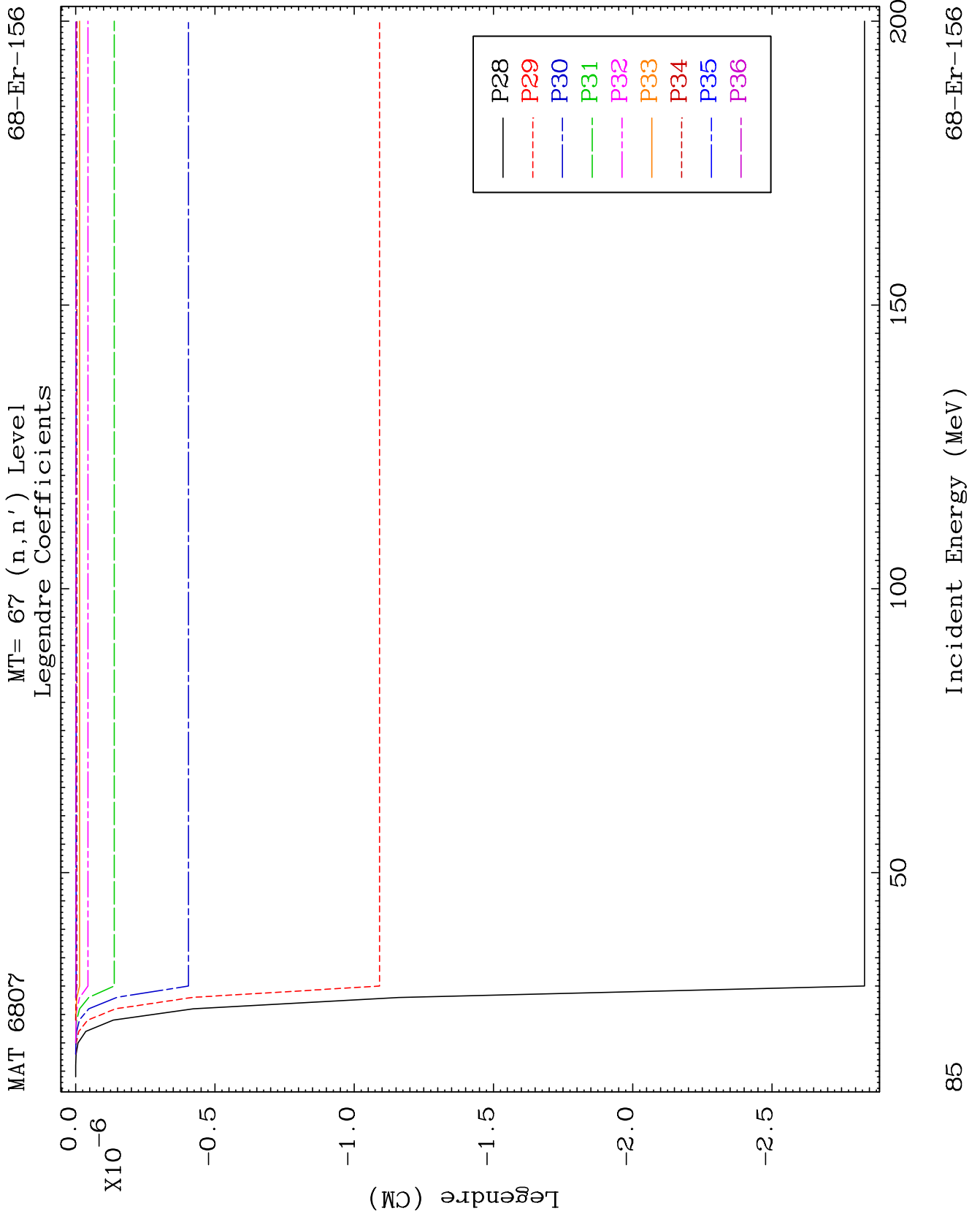
MT= 67 (n,n') Level  
Legendre Coefficients

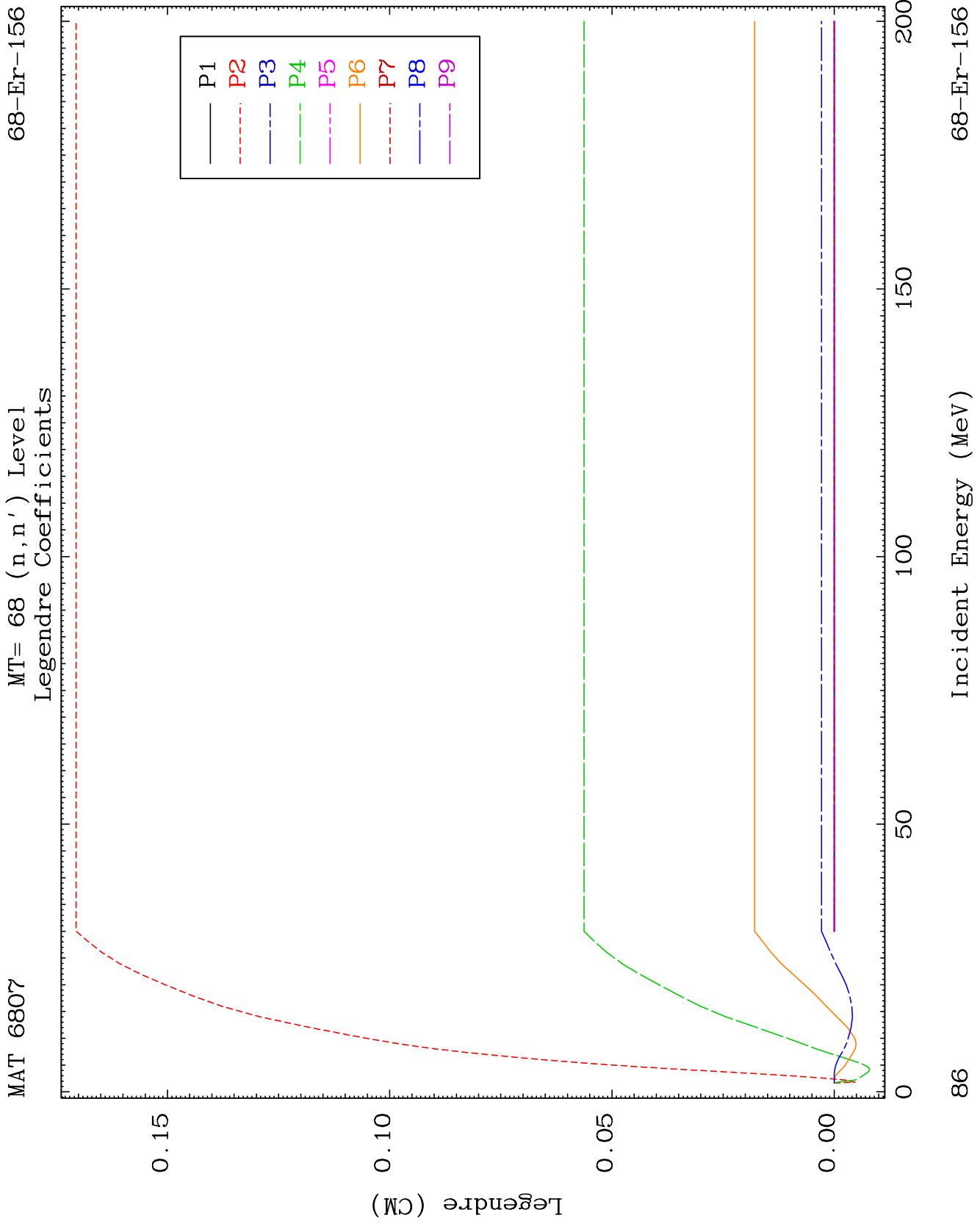
68-Er-156



84

68-Er-156

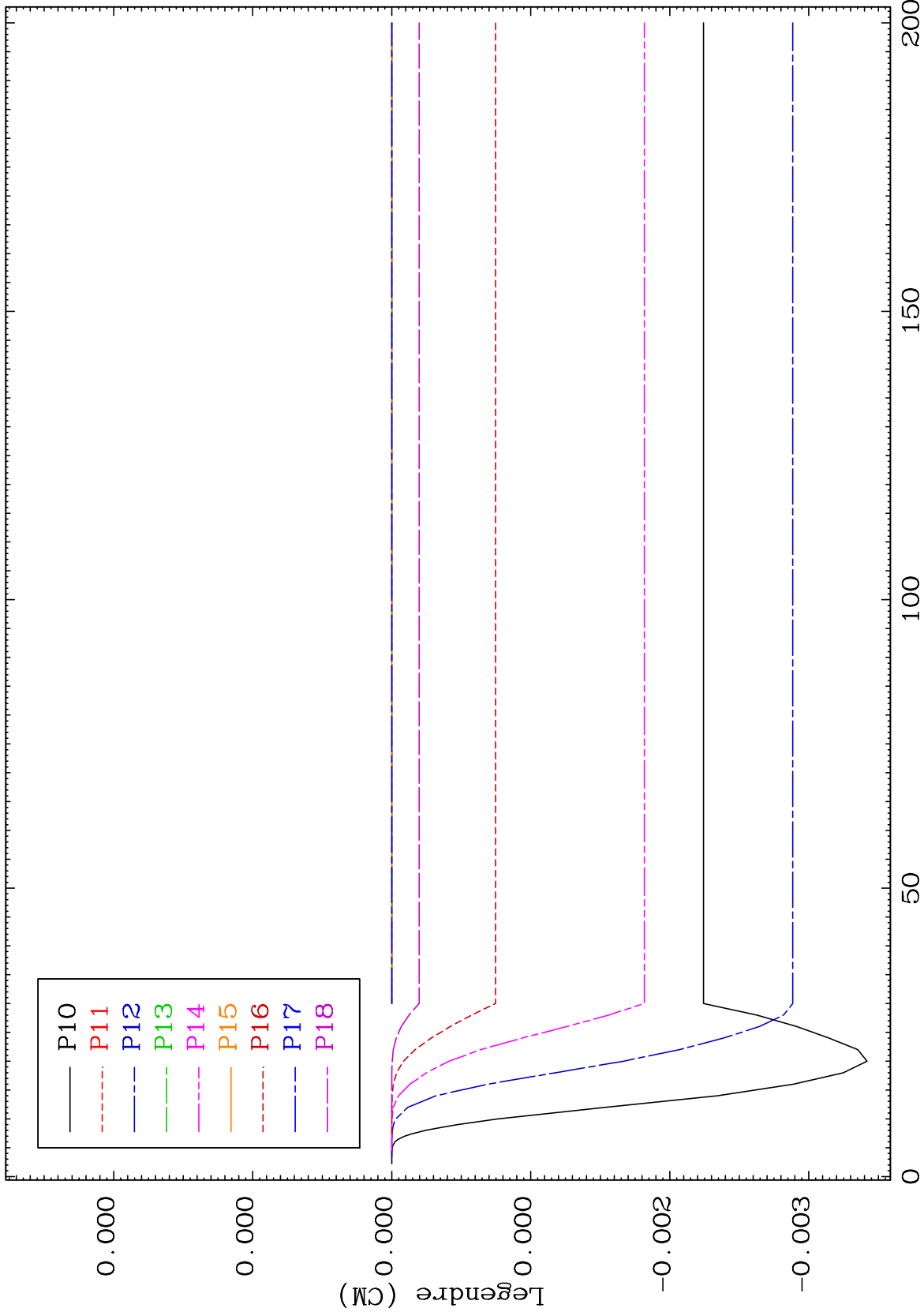




MAT 6807

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

68-Er-156

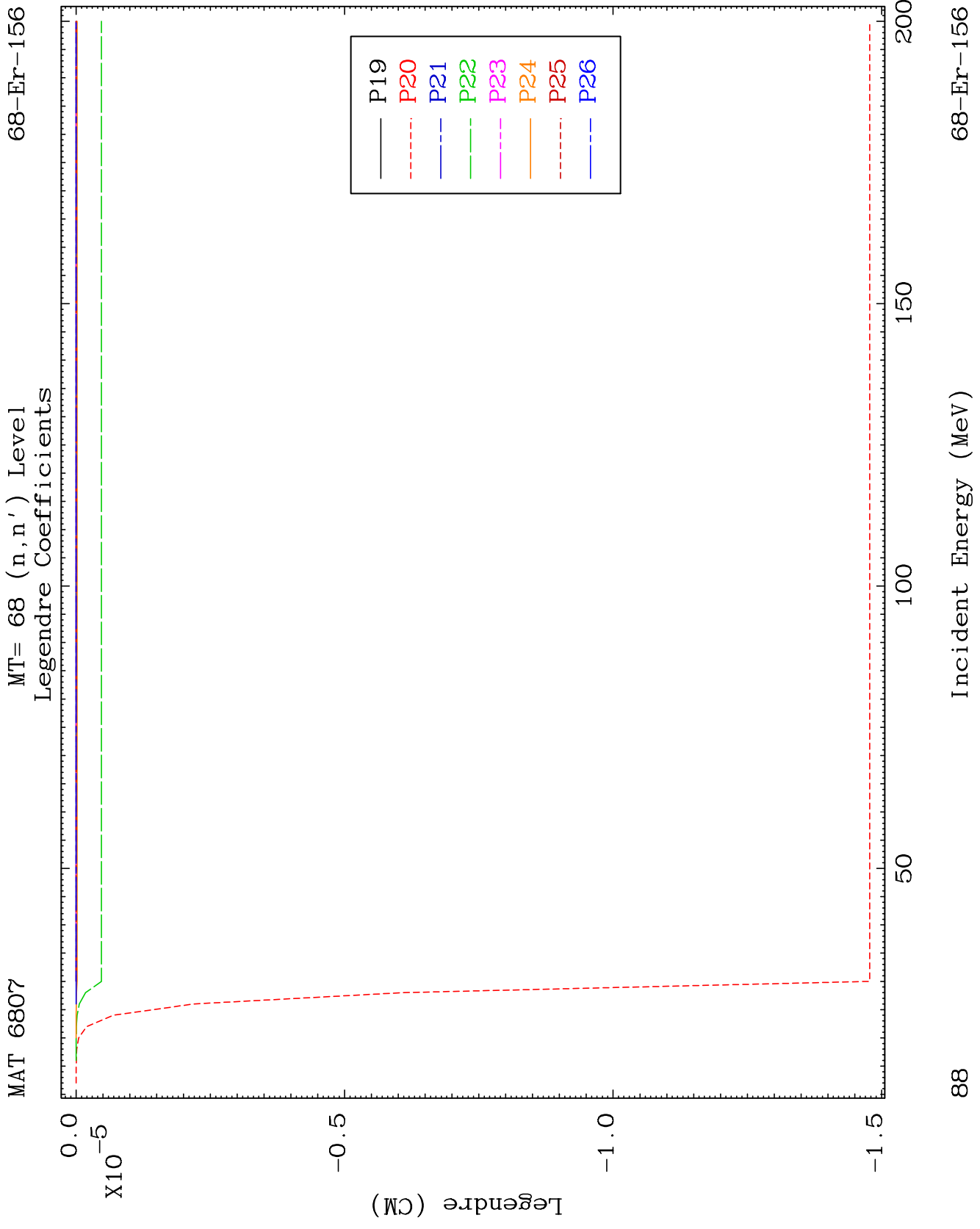


87

Incident Energy (MeV)

68-Er-156



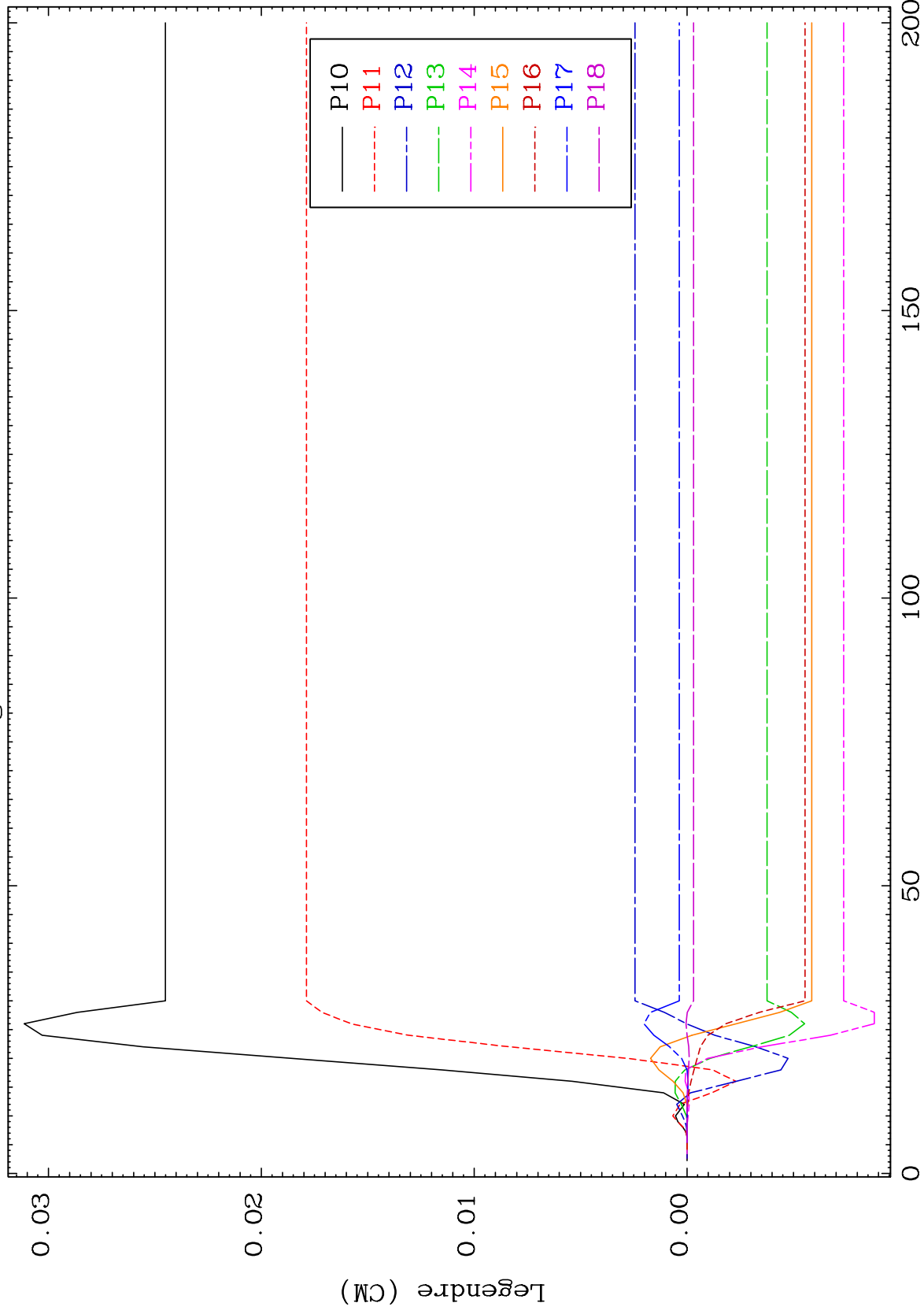




MAT 6807

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

68-Er-156



90

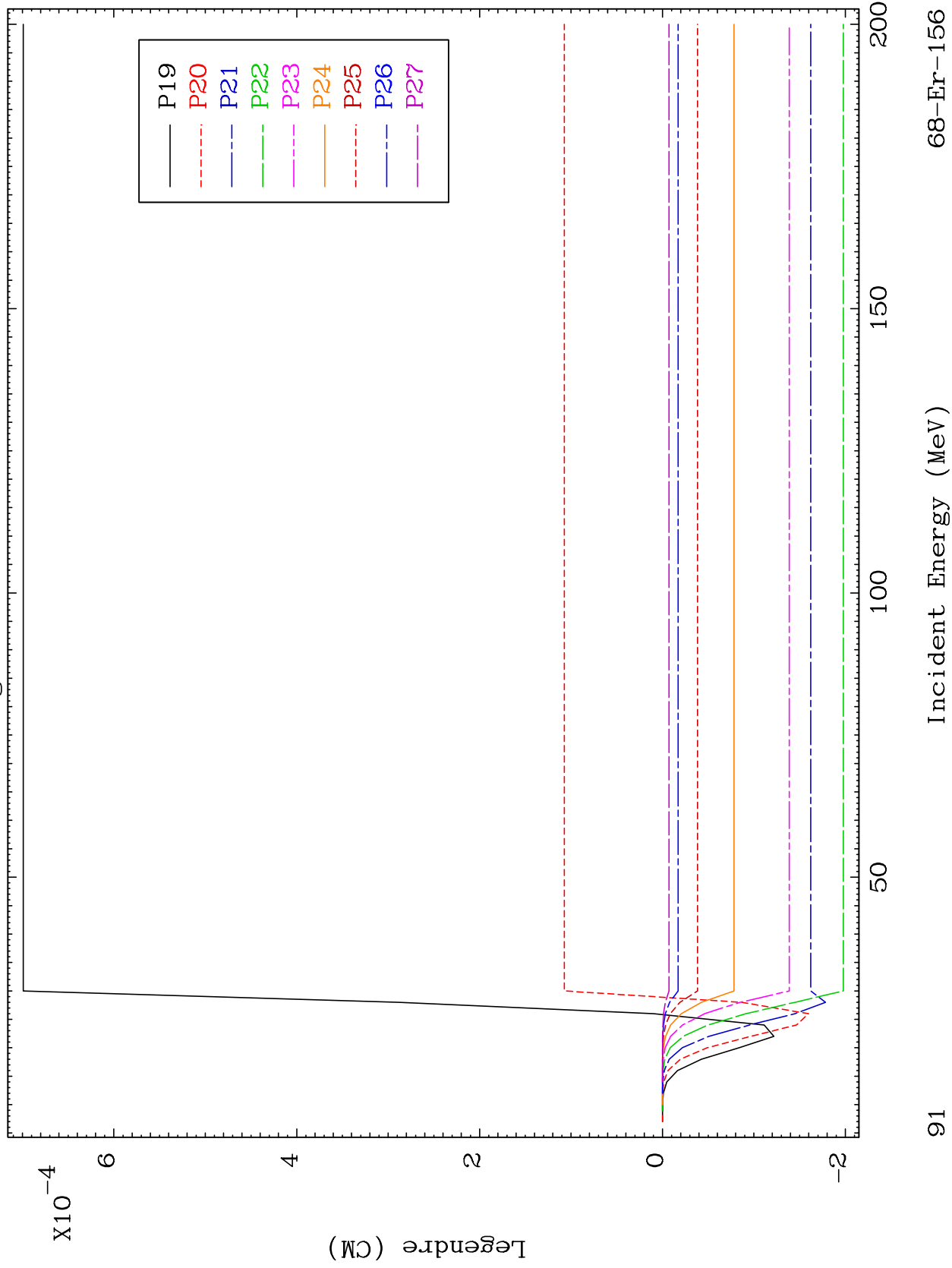
Incident Energy (MeV)

68-Er-156

MAT 6807

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

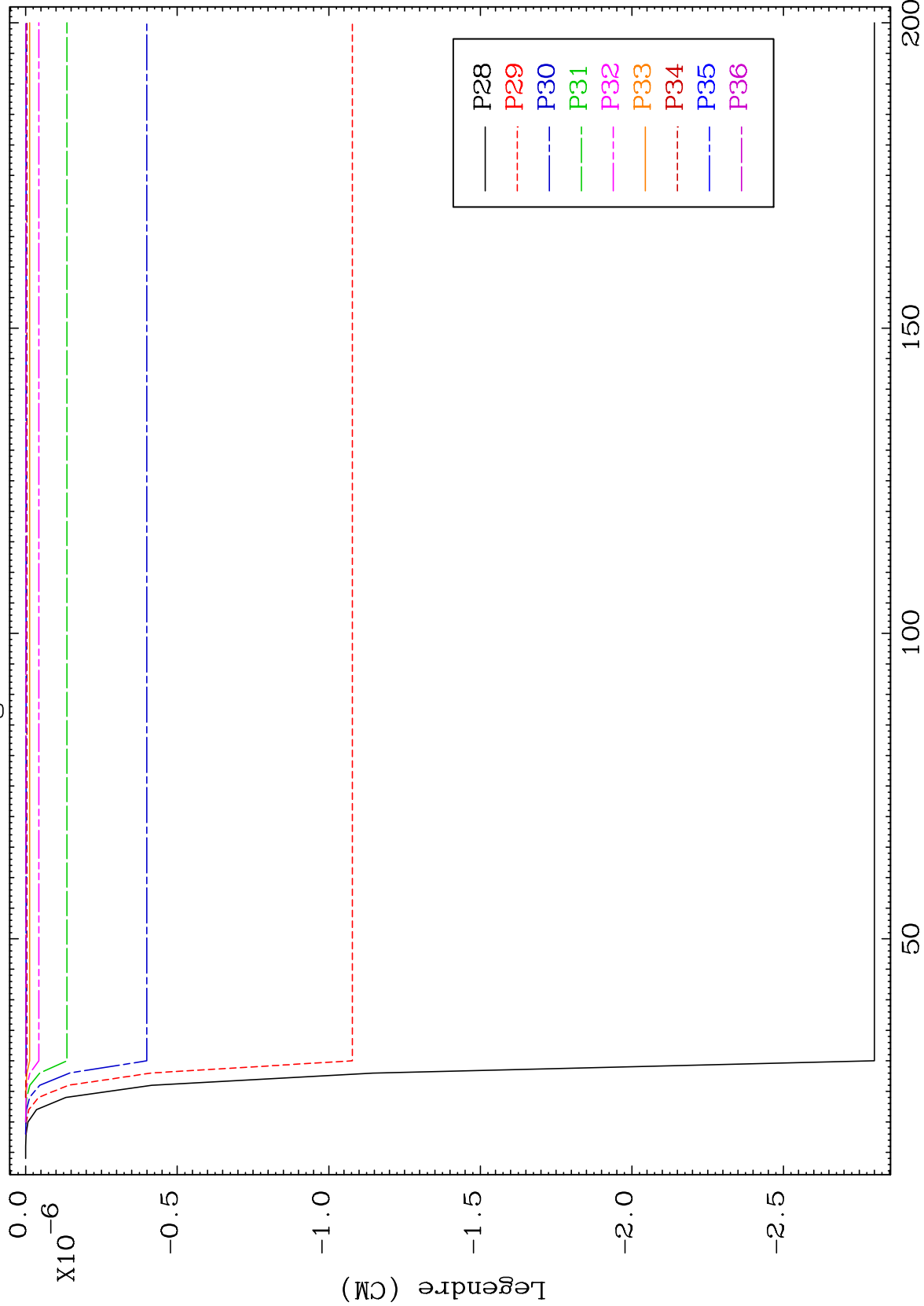
68-Er-156



MAT 6807

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

68-Er-156



92

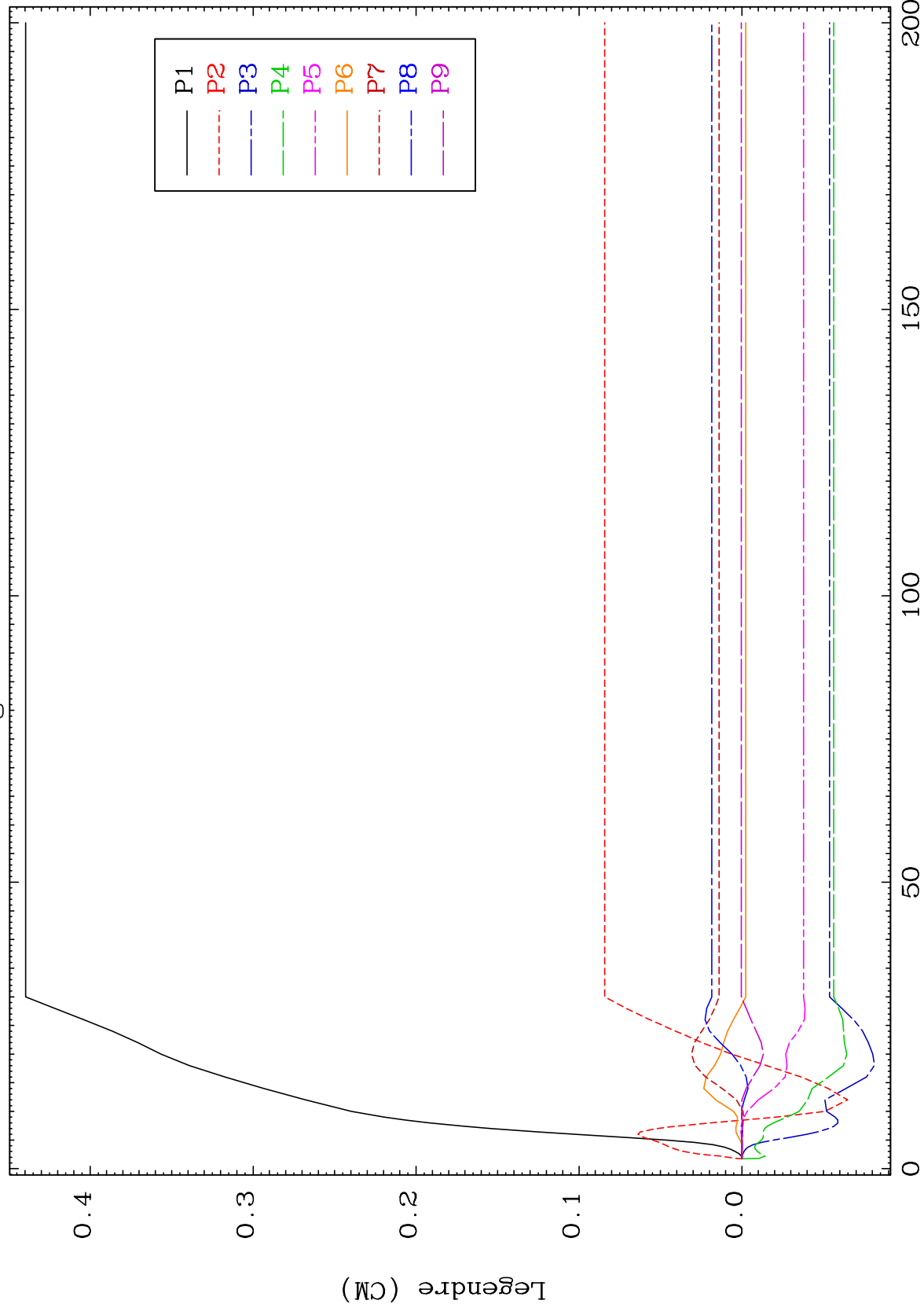
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



93

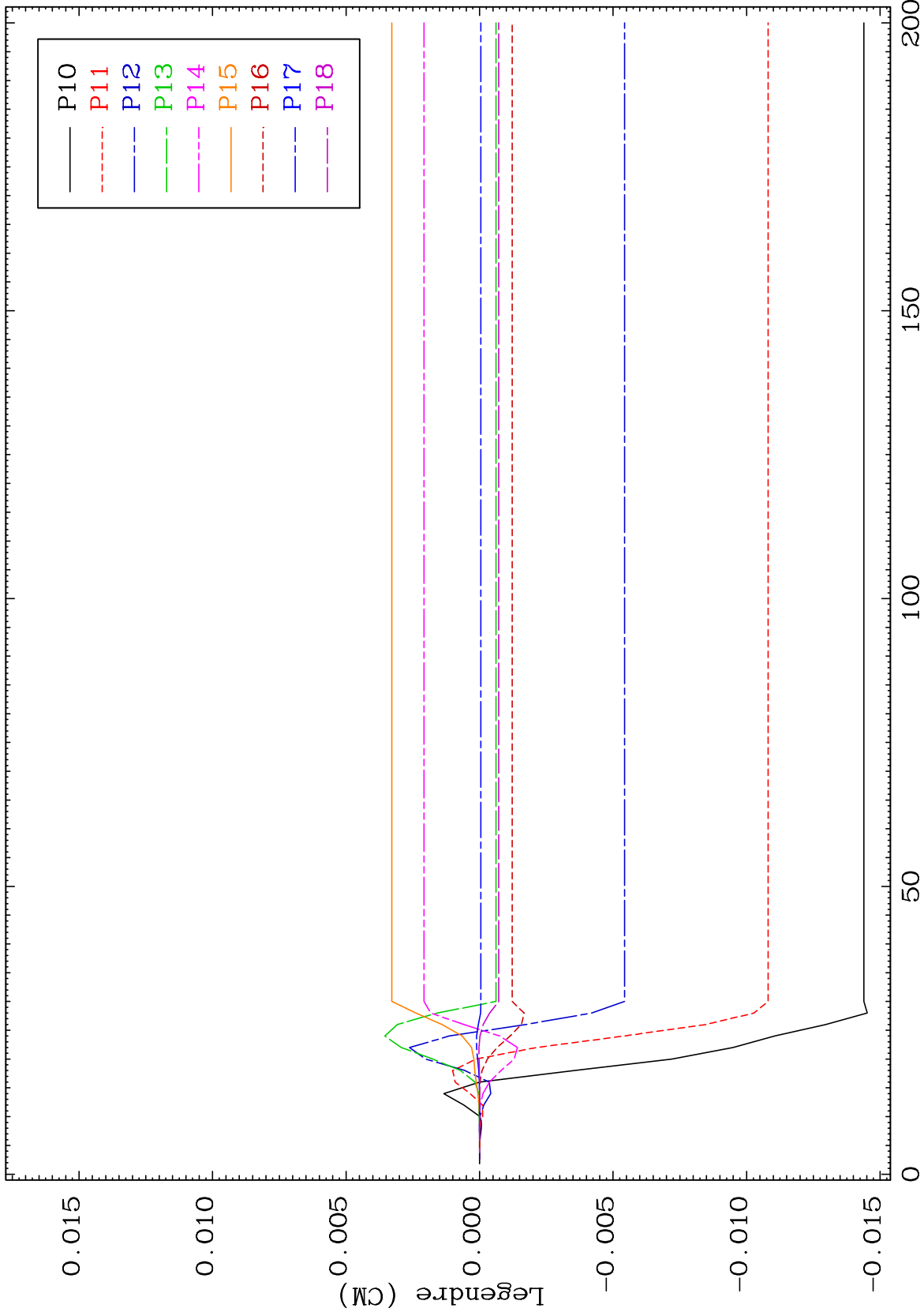
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



94

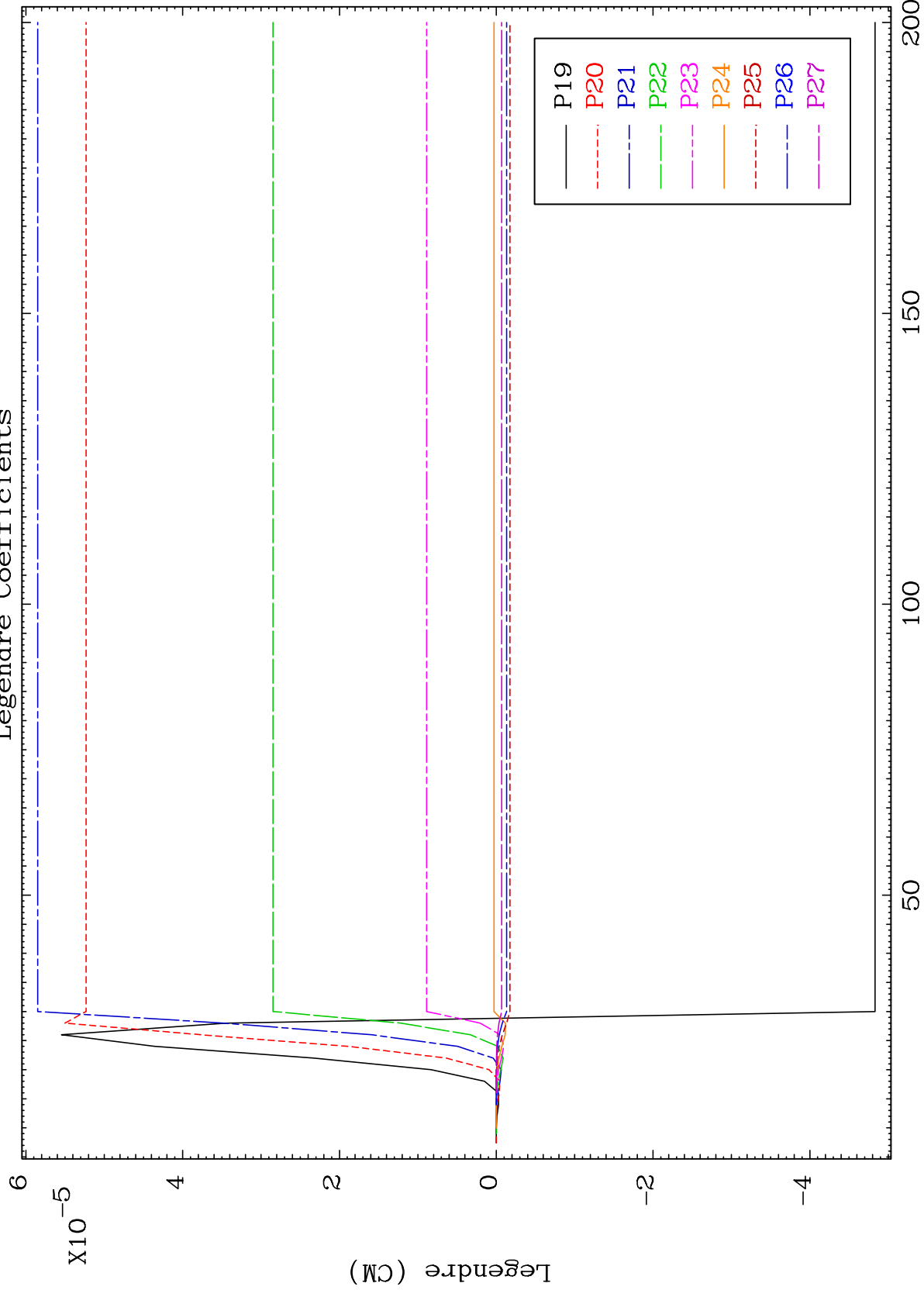
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156

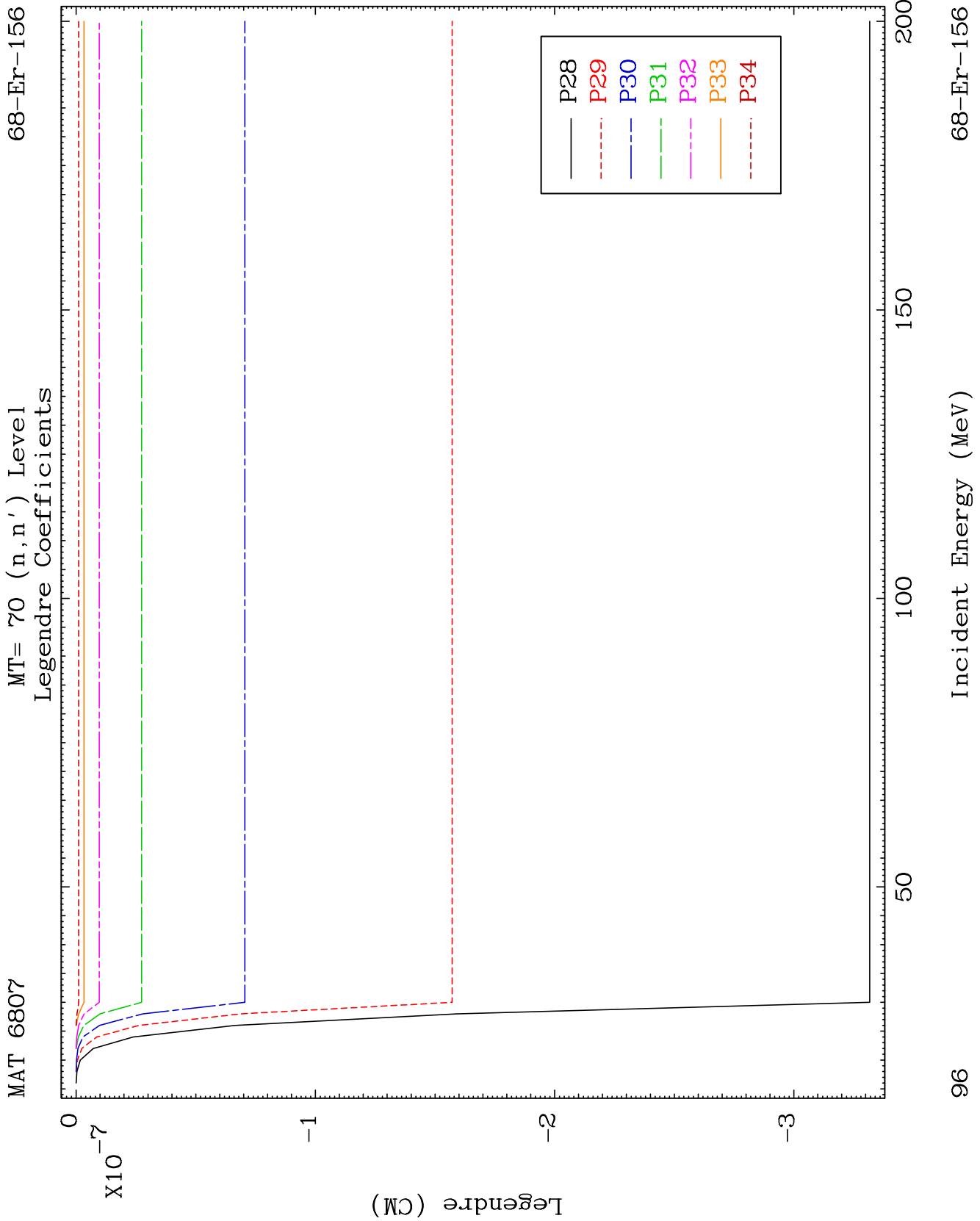


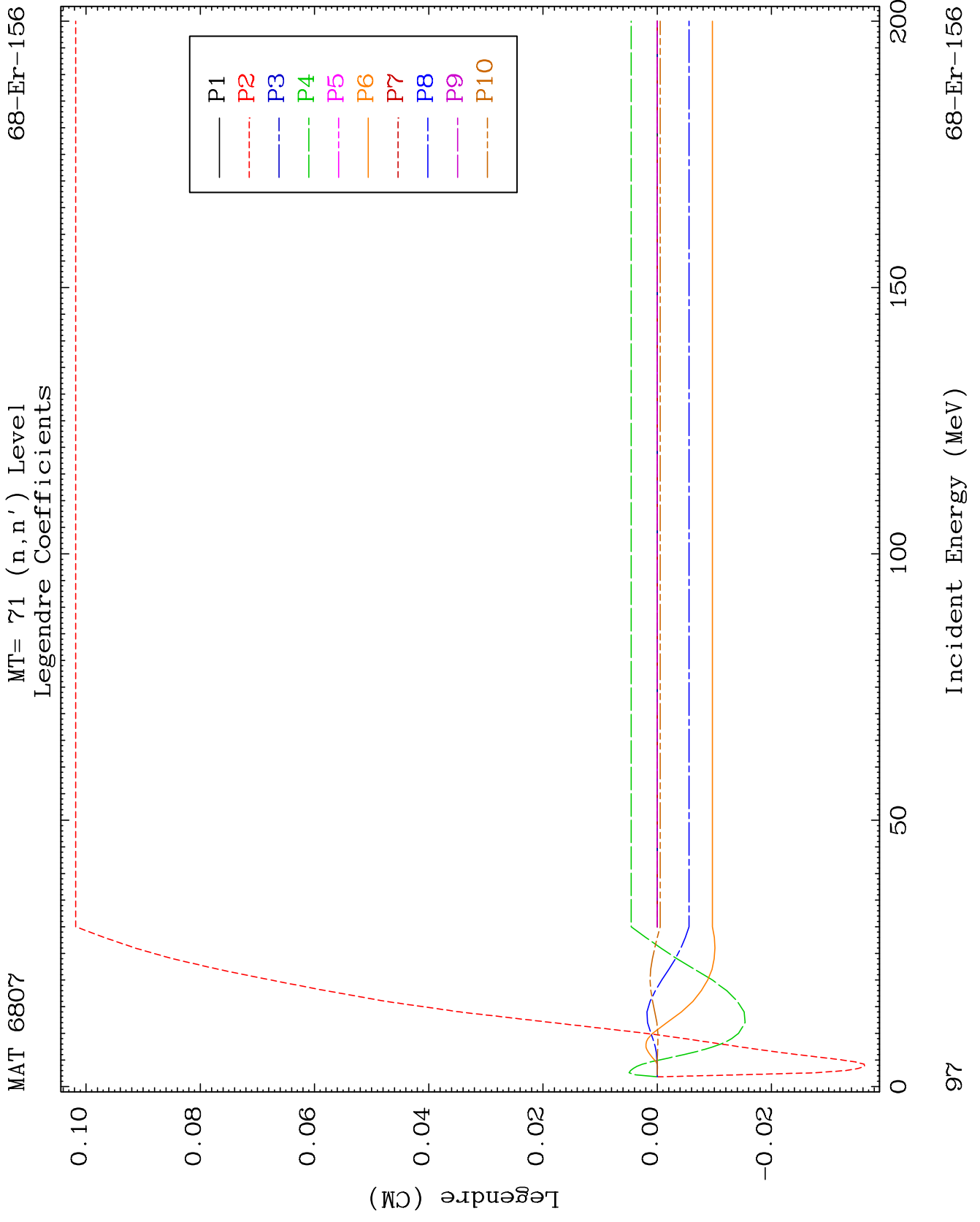
95

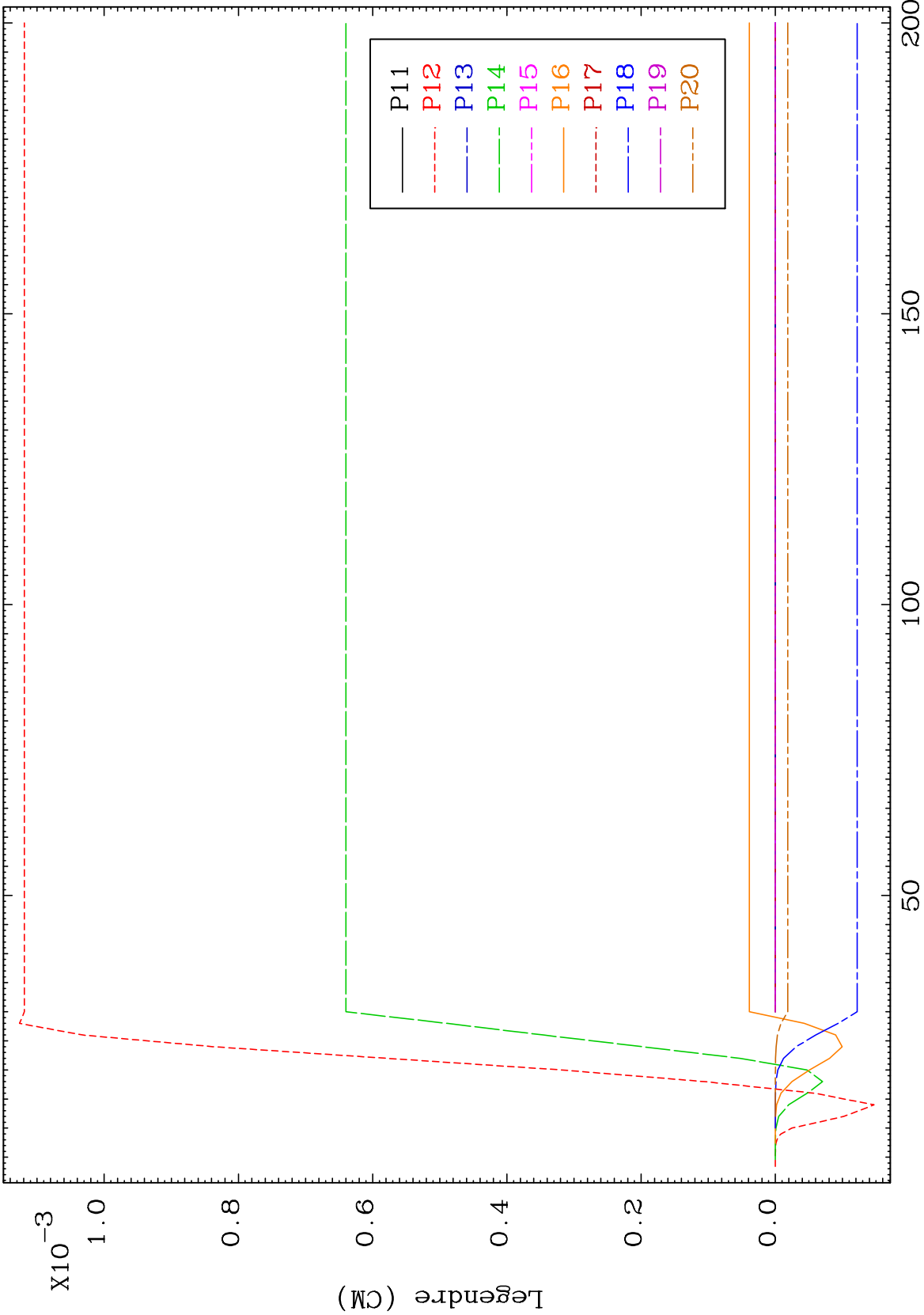
Incident Energy (MeV)

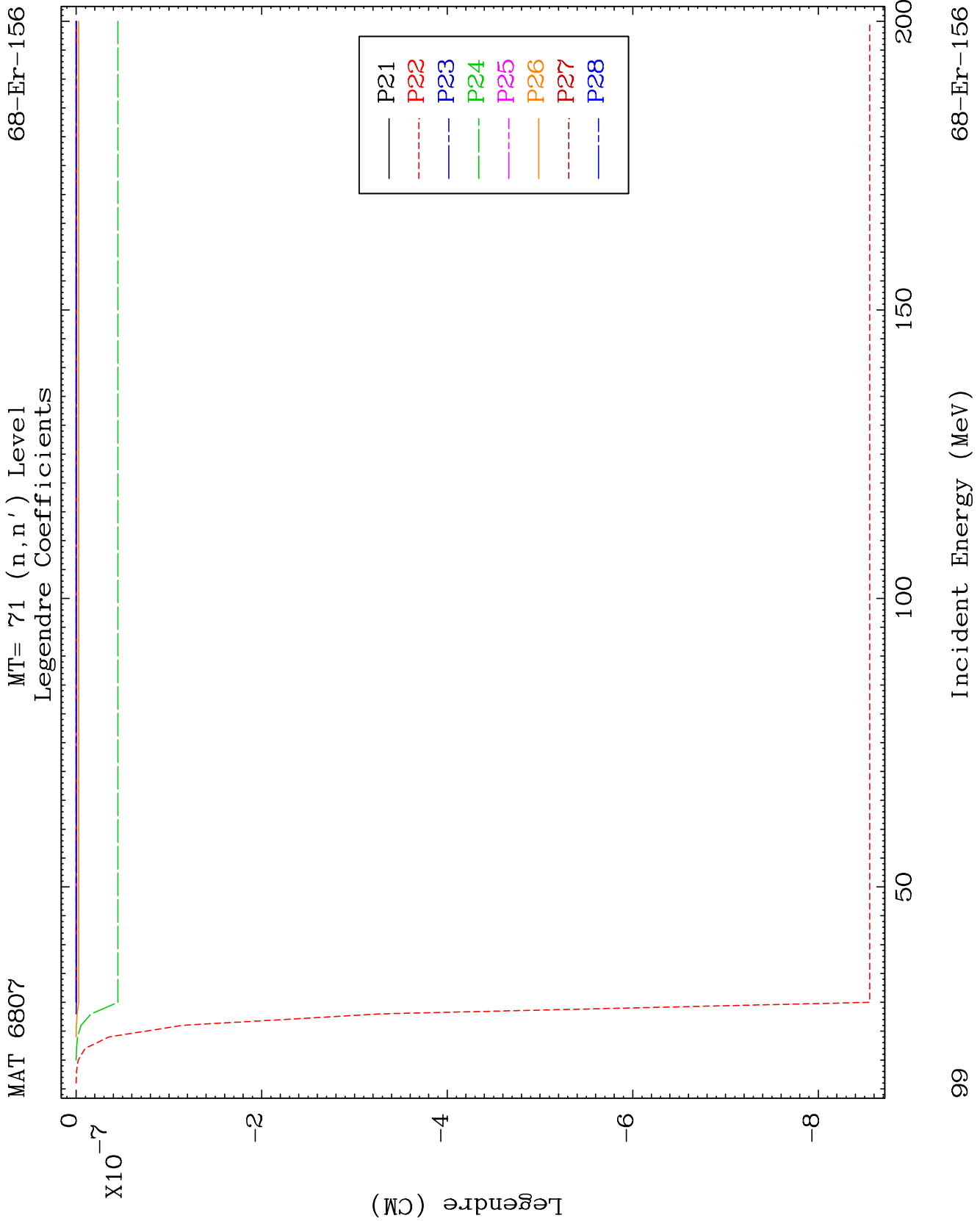
68-Er-156







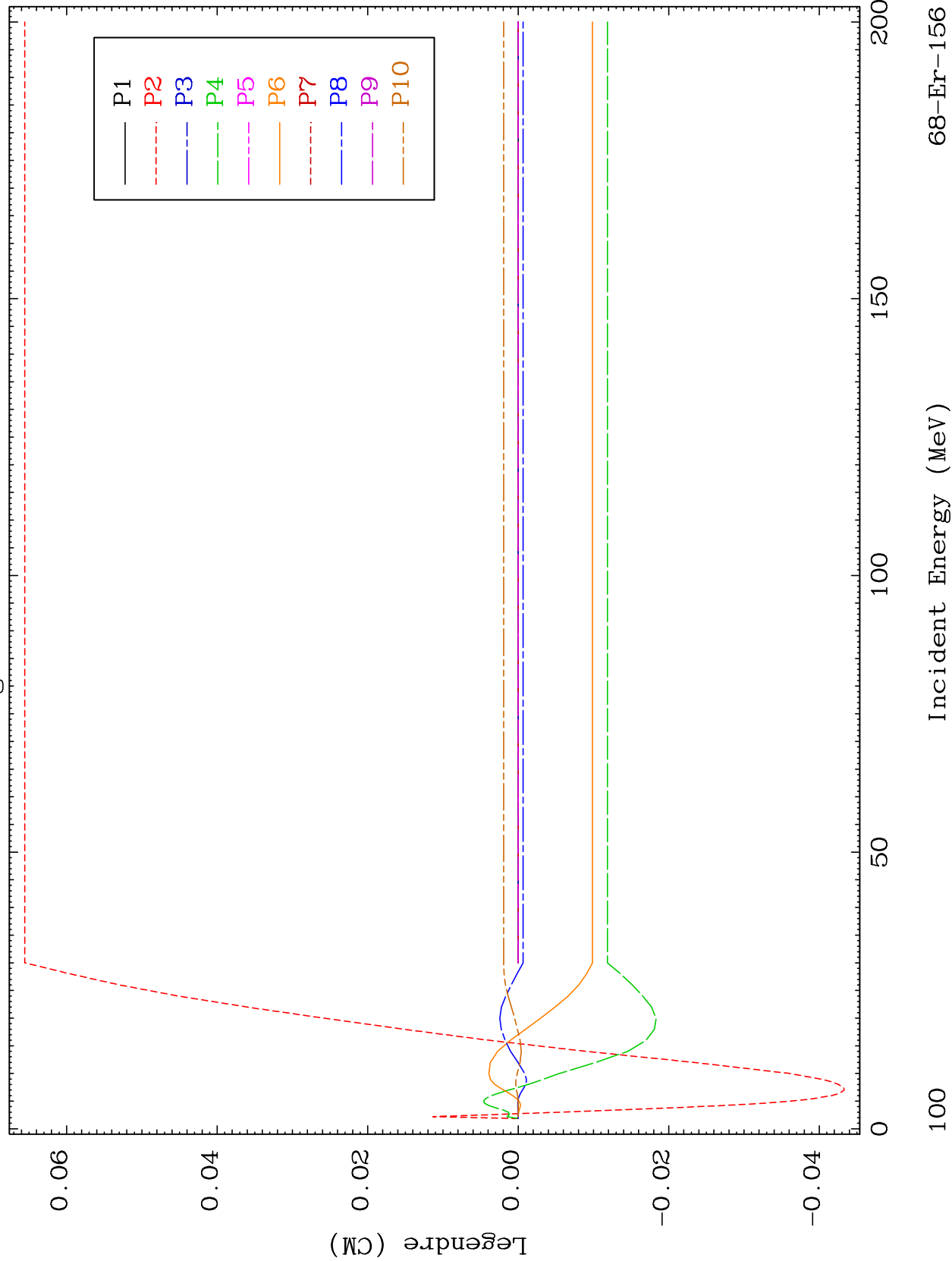




MAT 6807

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

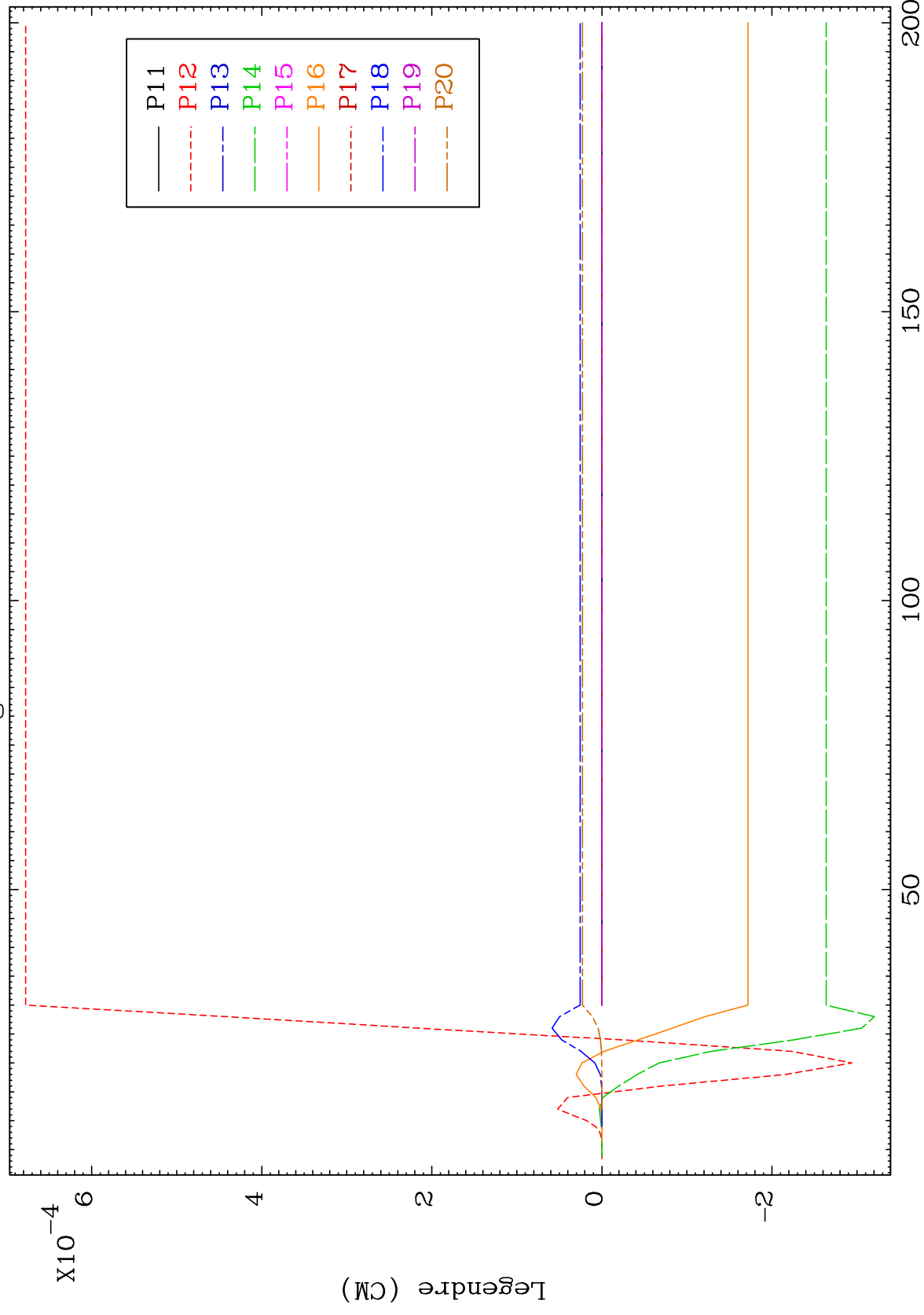
68-Er-156



MAT 6807

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

68-Er-156



101

Incident Energy (MeV)

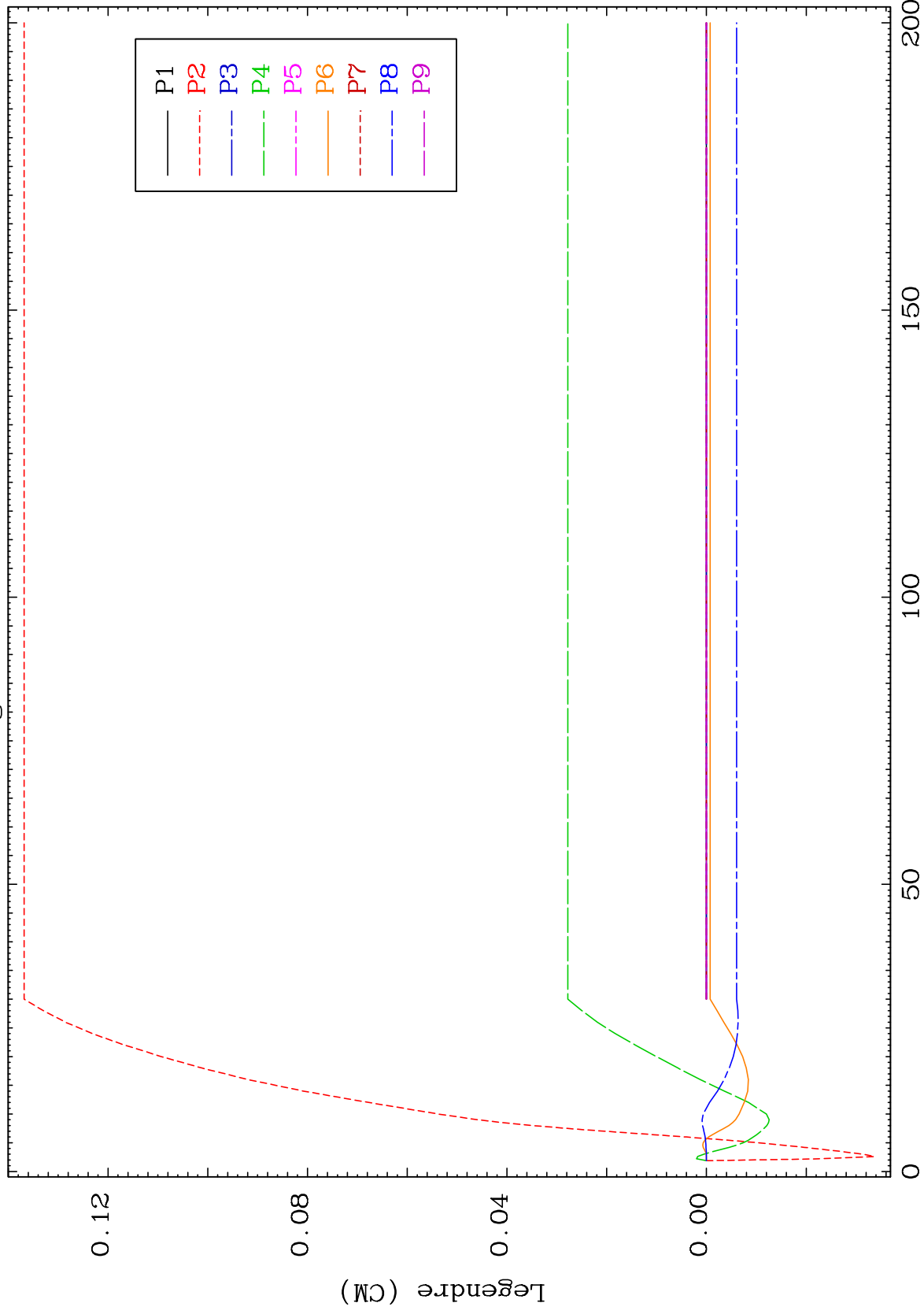
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

Incident Energy (MeV)

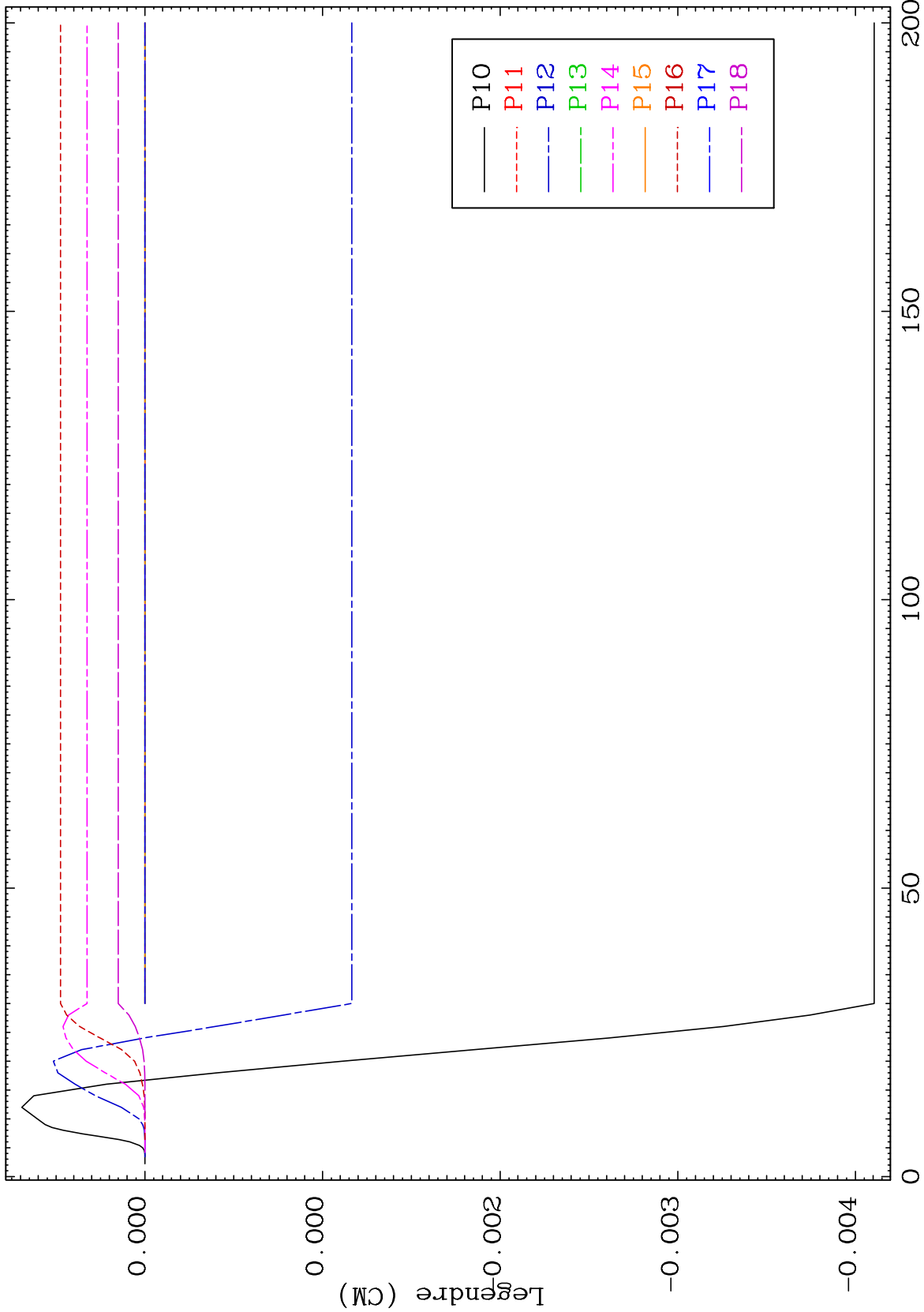
103



MAT 6807

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

68-Er-156



104

Incident Energy (MeV)

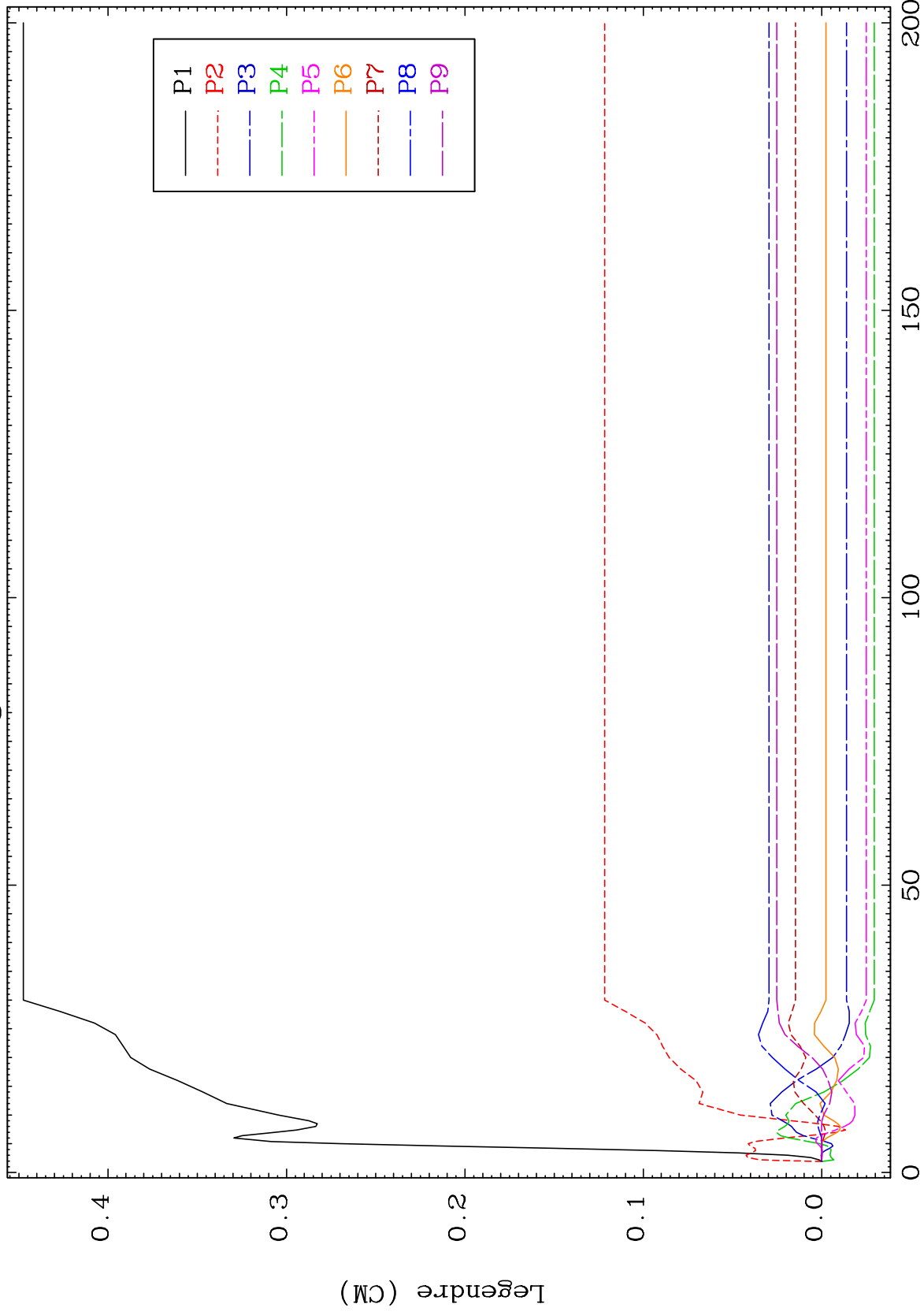
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

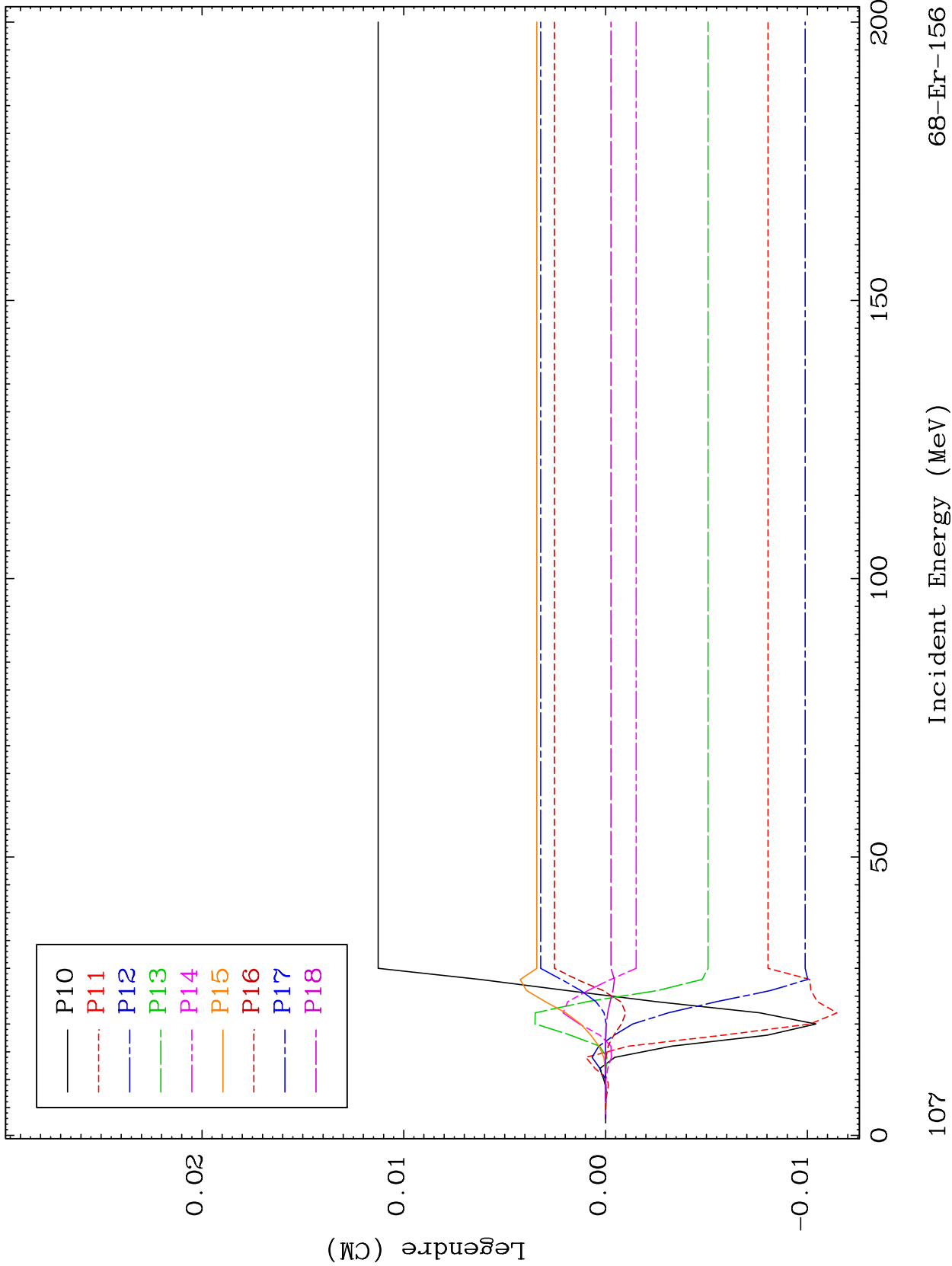
Incident Energy (MeV)

106

MAT 6807

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

68-Er-156



107

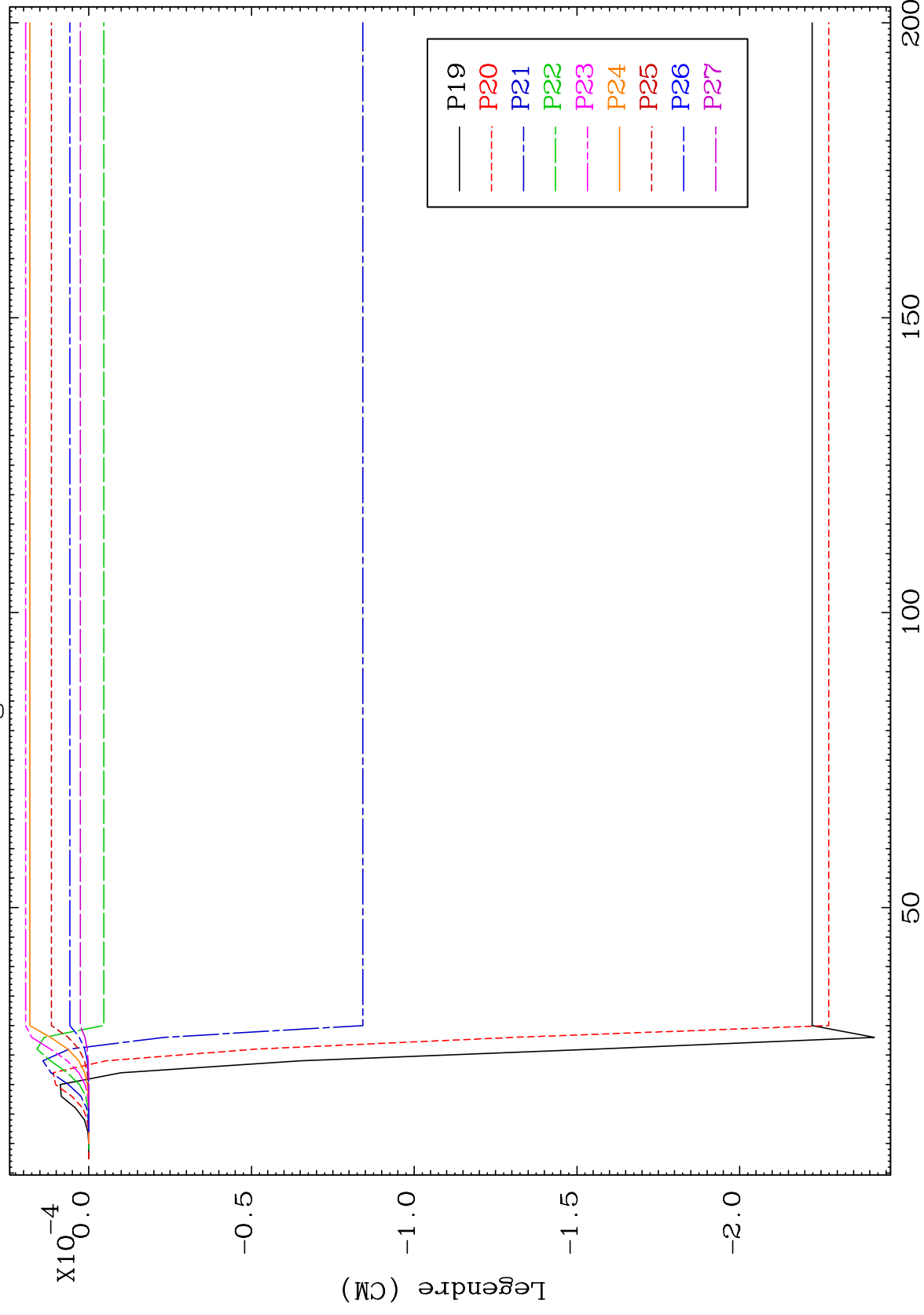
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



108

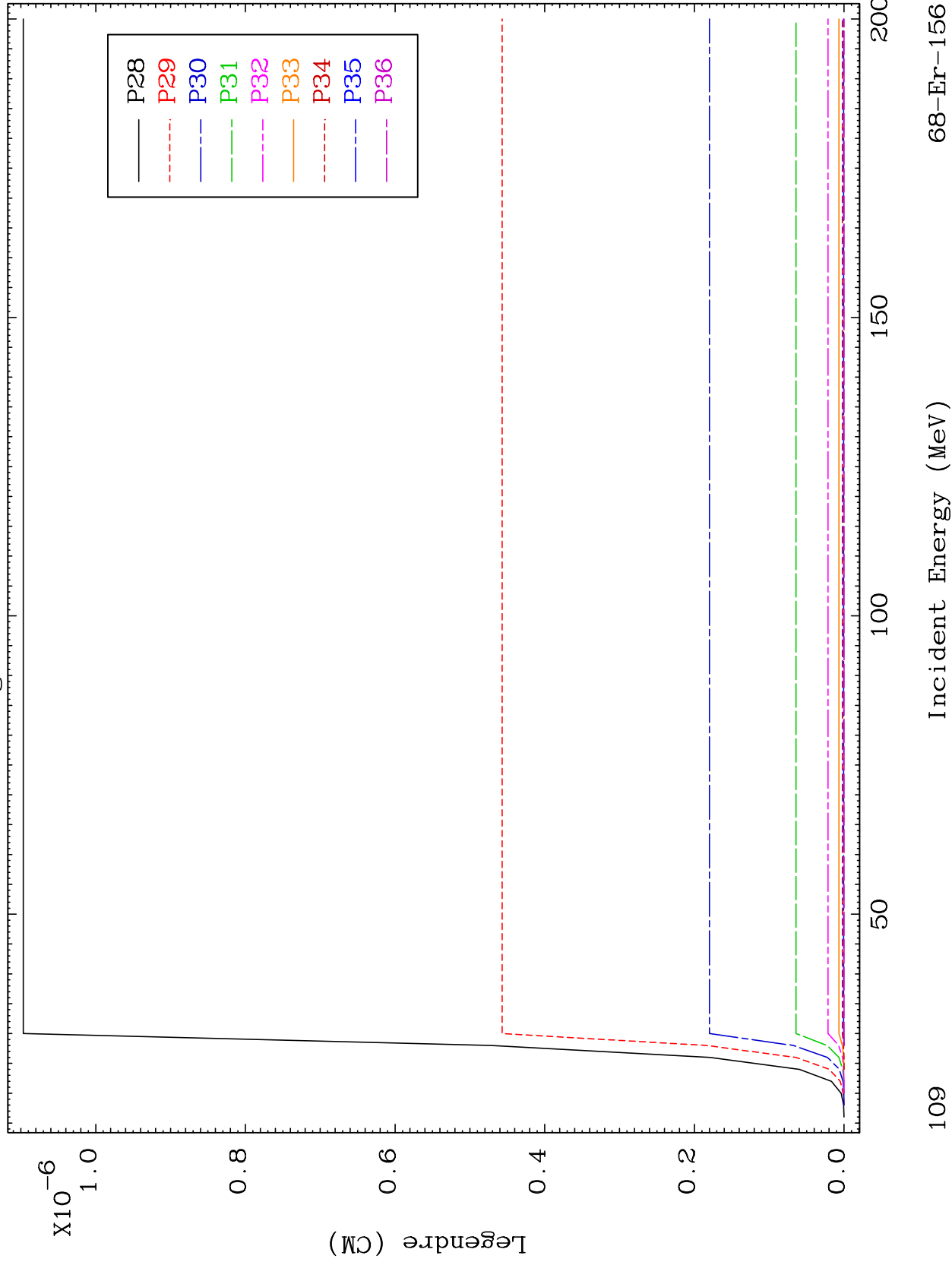
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



109

Incident Energy (MeV)

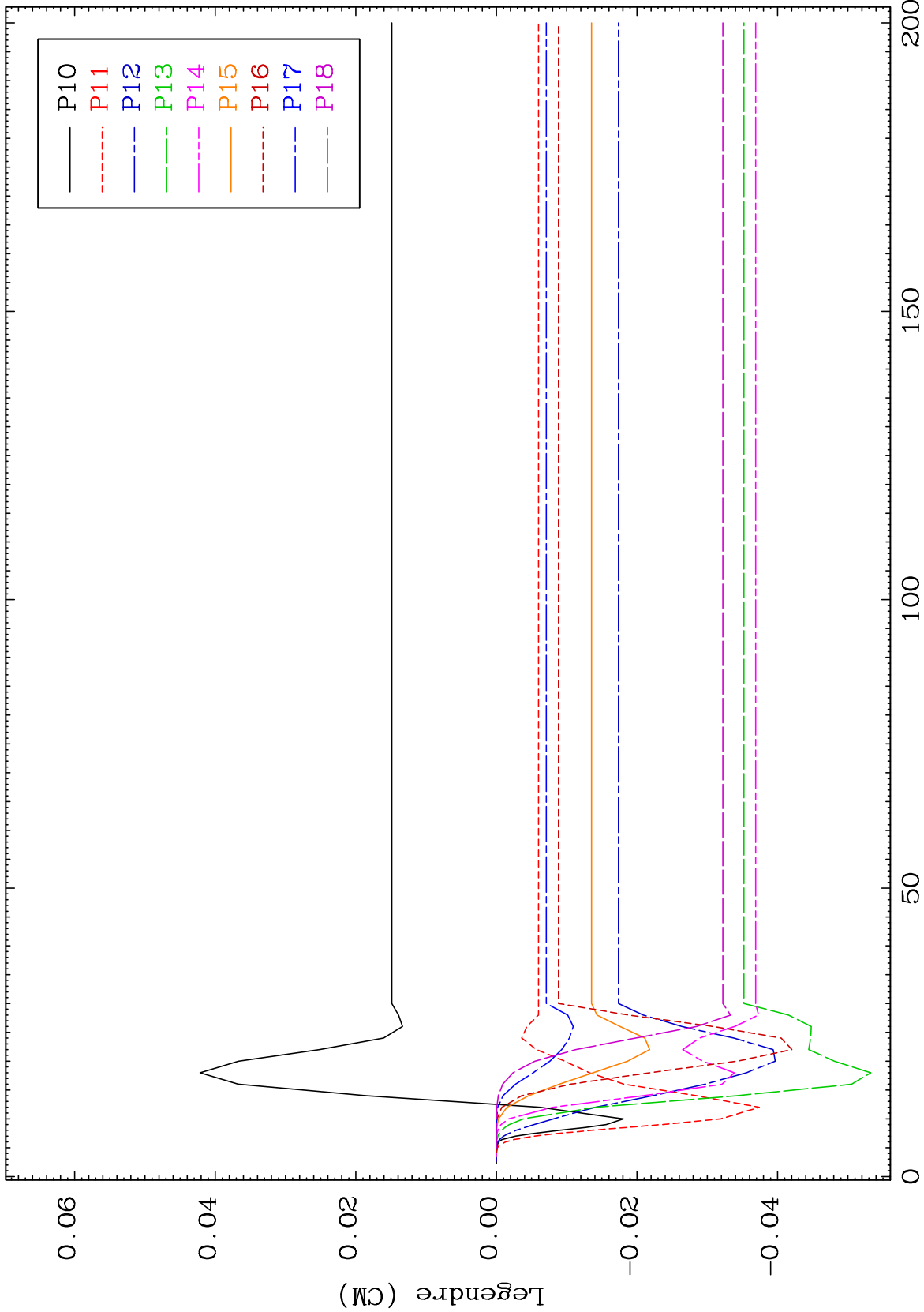
68-Er-156



MAT 6807

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

68-Er-156



111

Incident Energy (MeV)

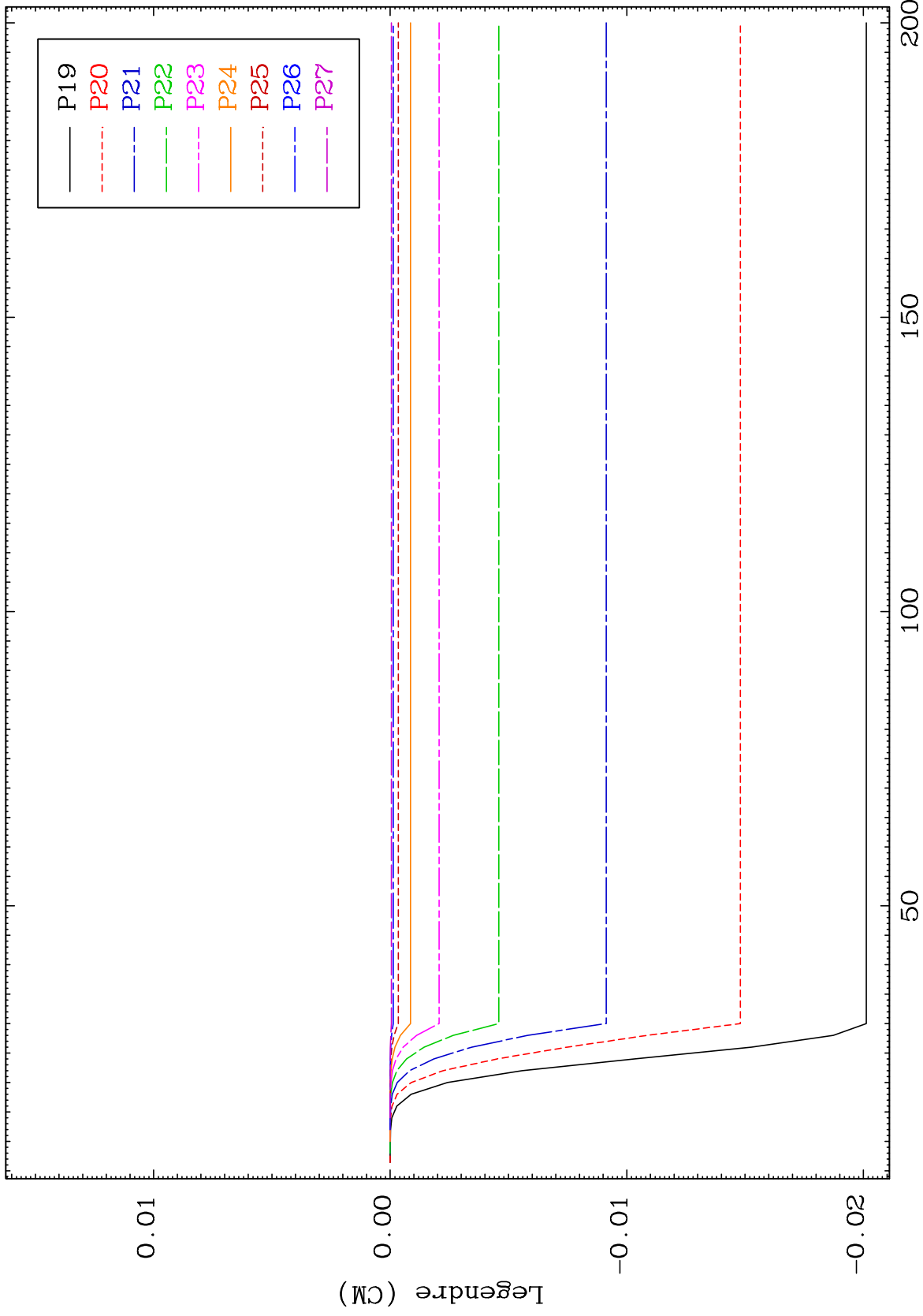
68-Er-156



MAT 6807

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

68-Er-156



112

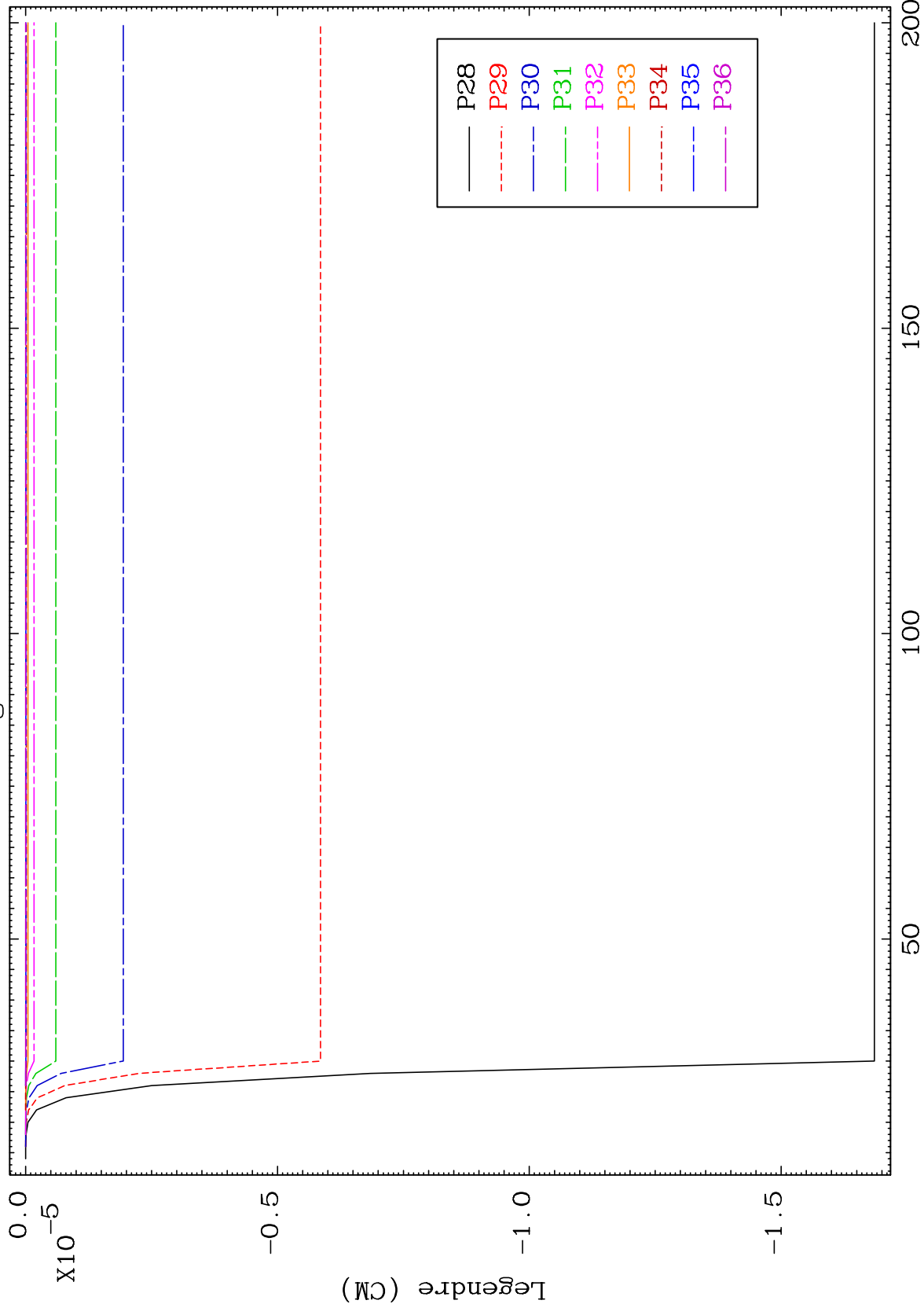
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



113

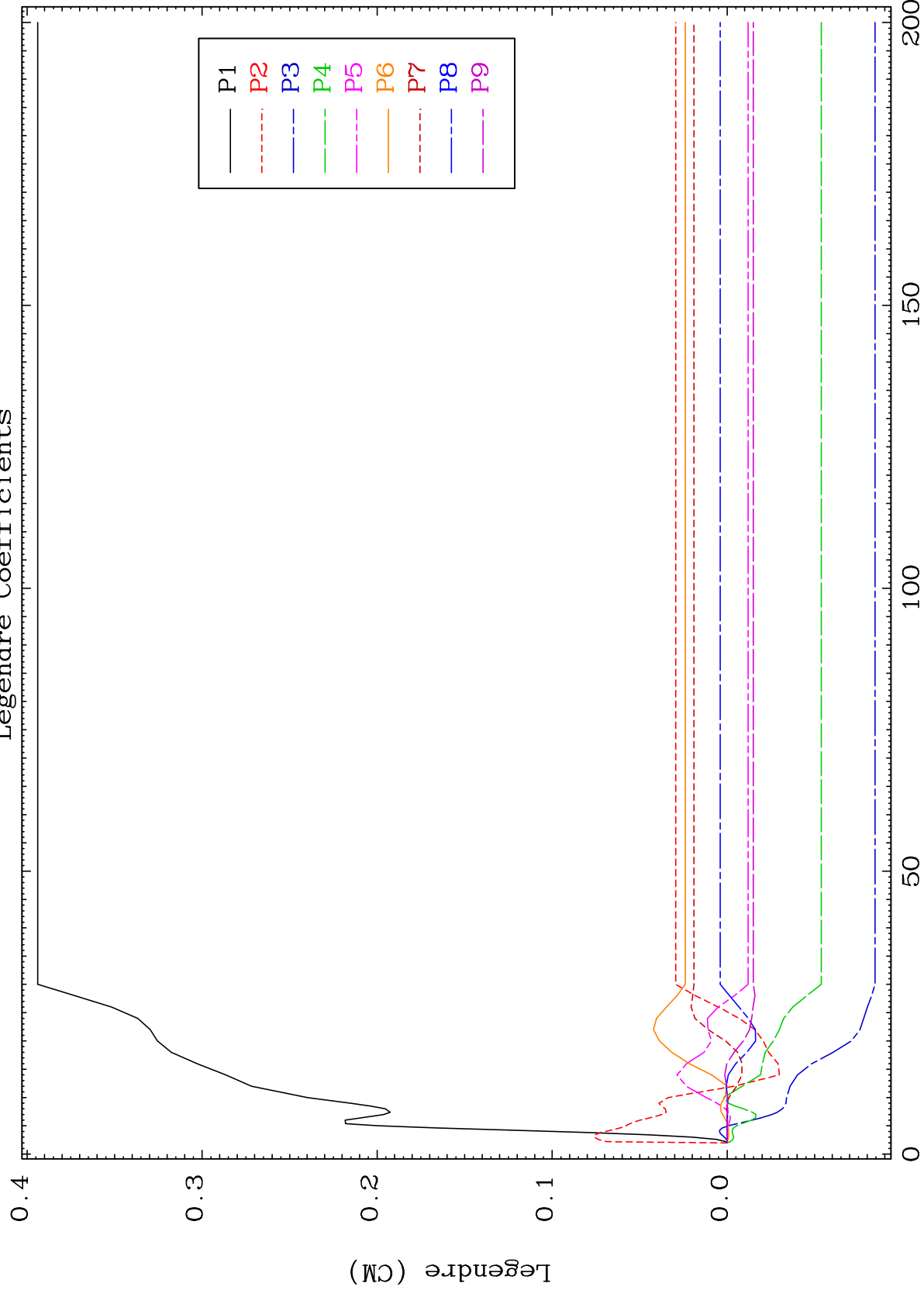
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



114

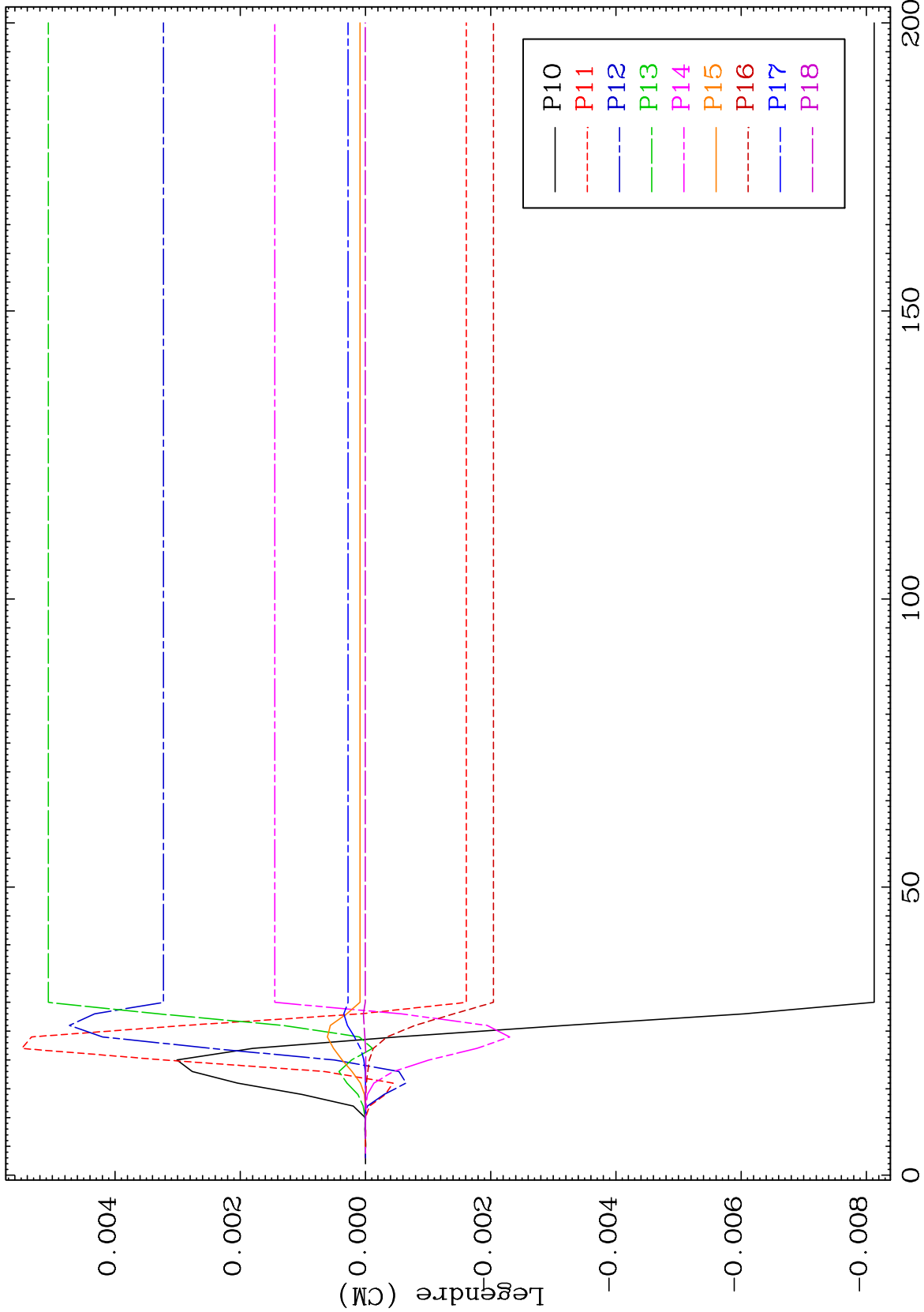
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



115

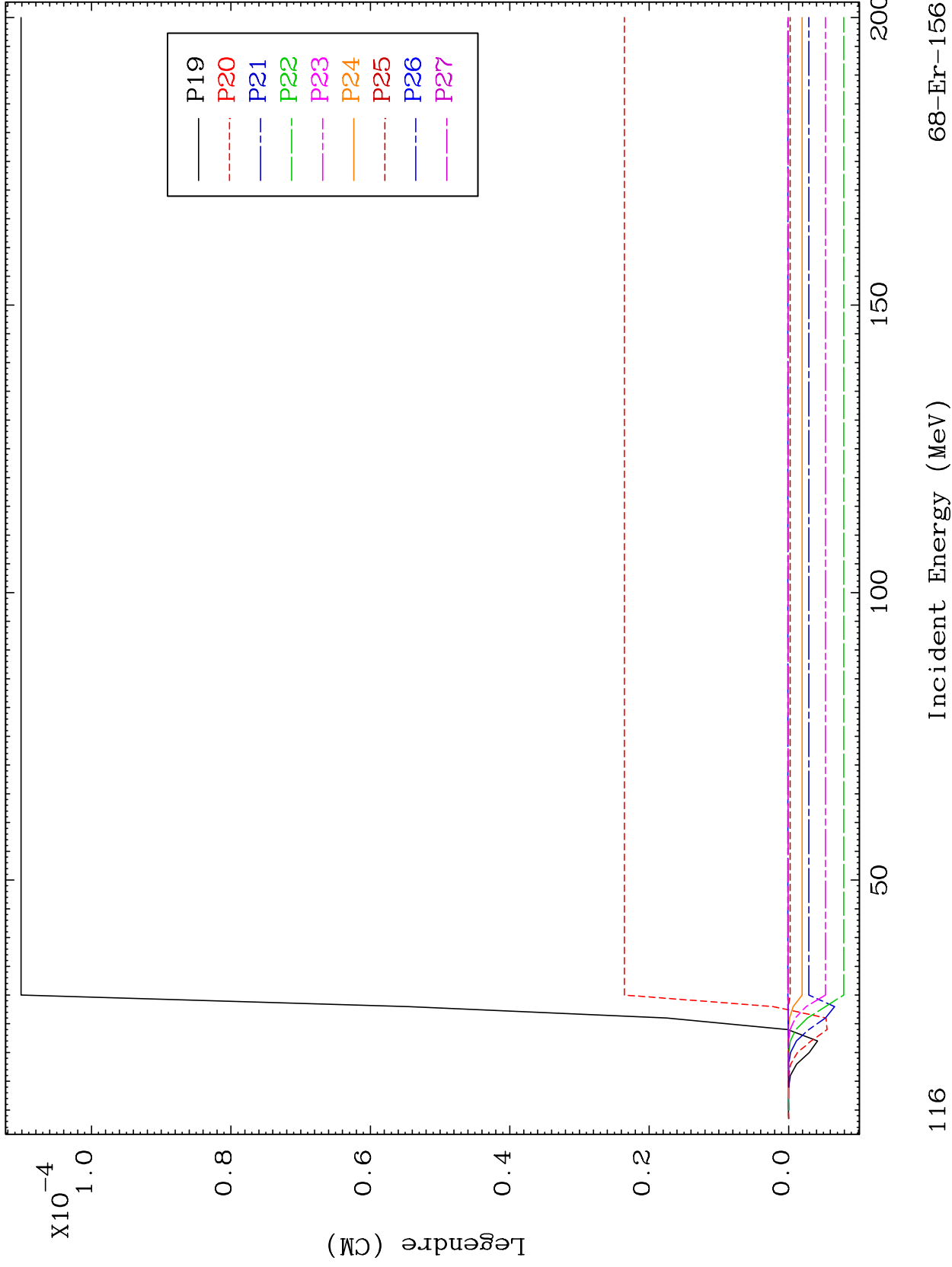
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



116

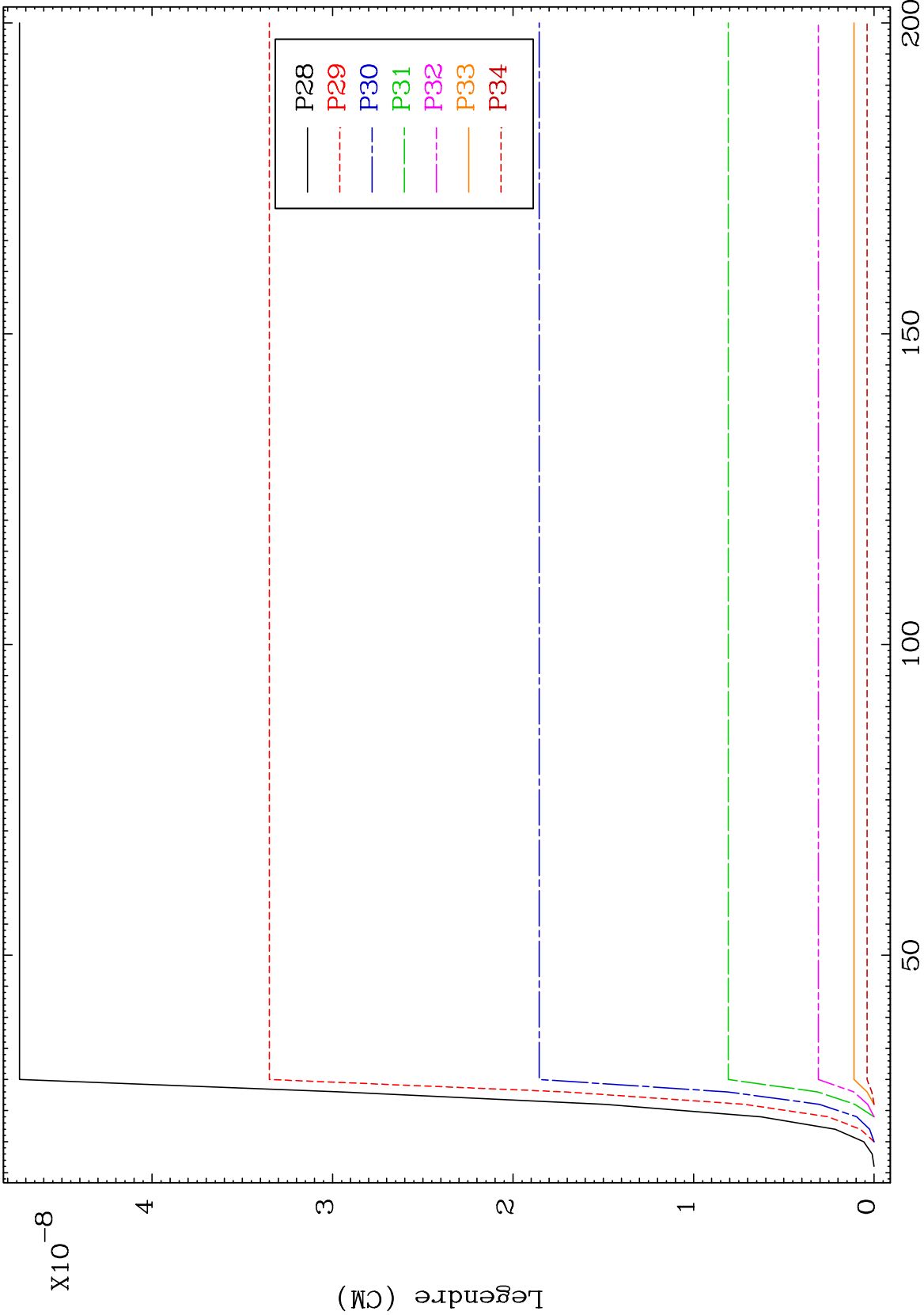
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



117

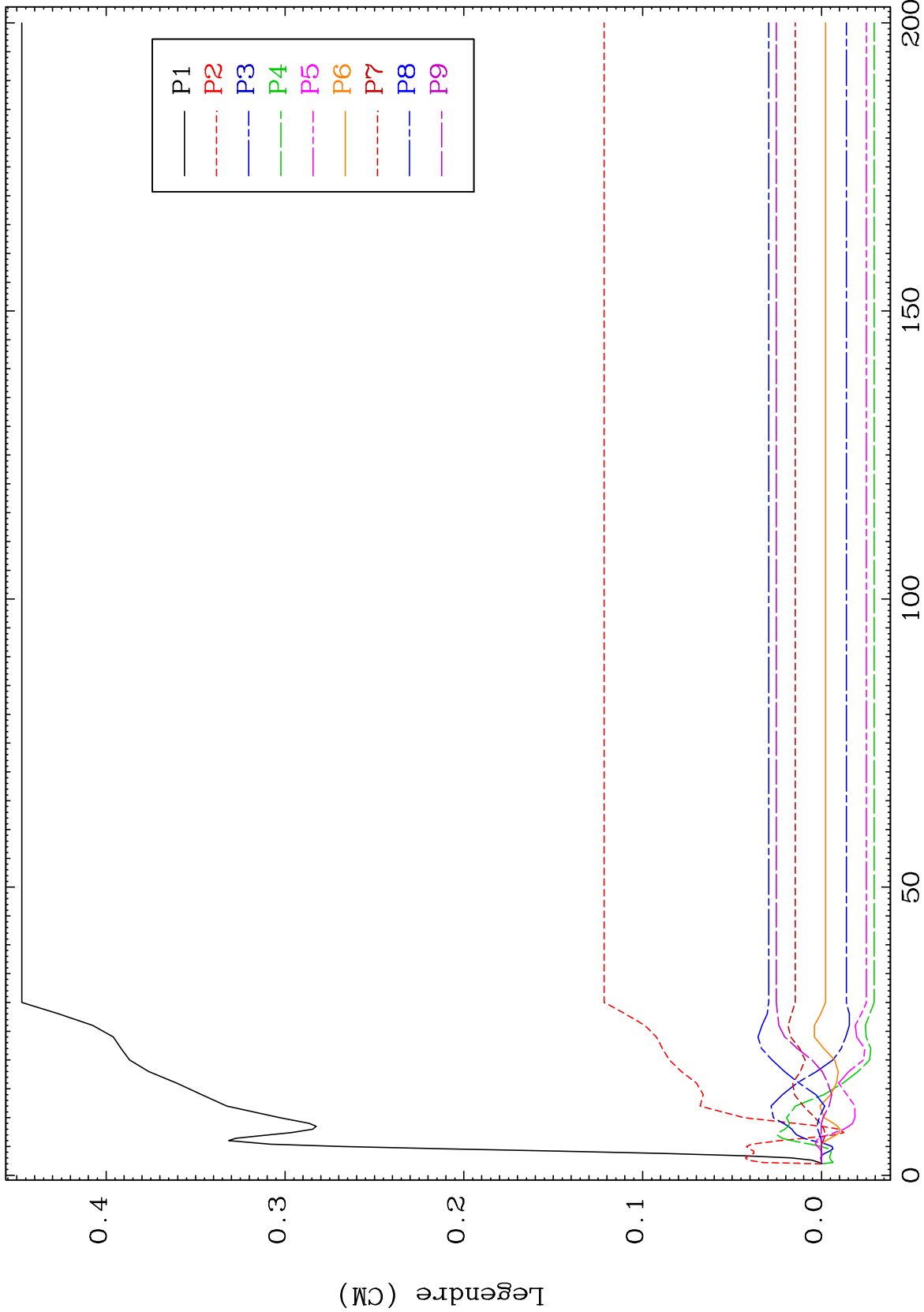
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

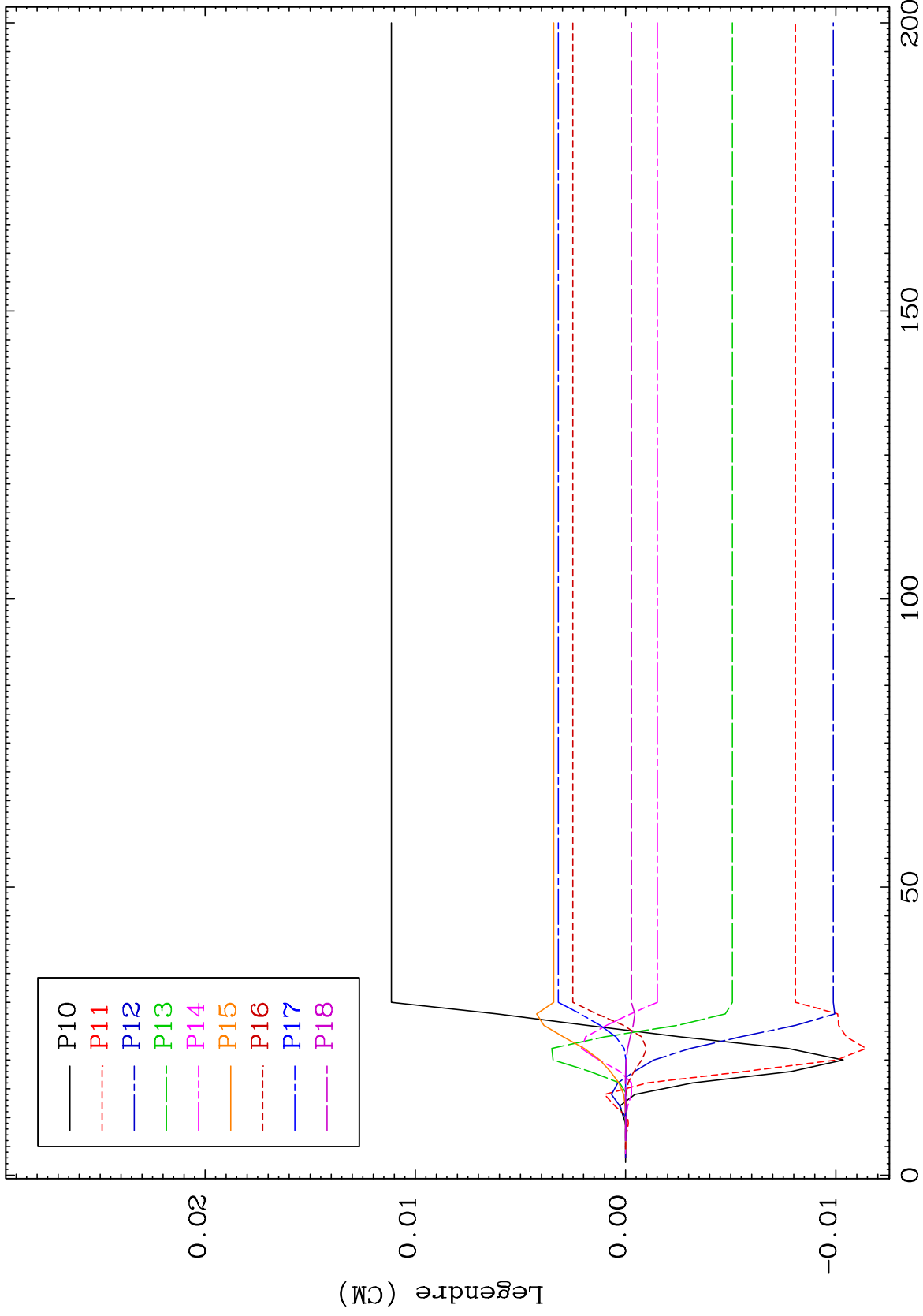
Incident Energy (MeV)

118

MAT 6807

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

68-Er-156



119

Incident Energy (MeV)

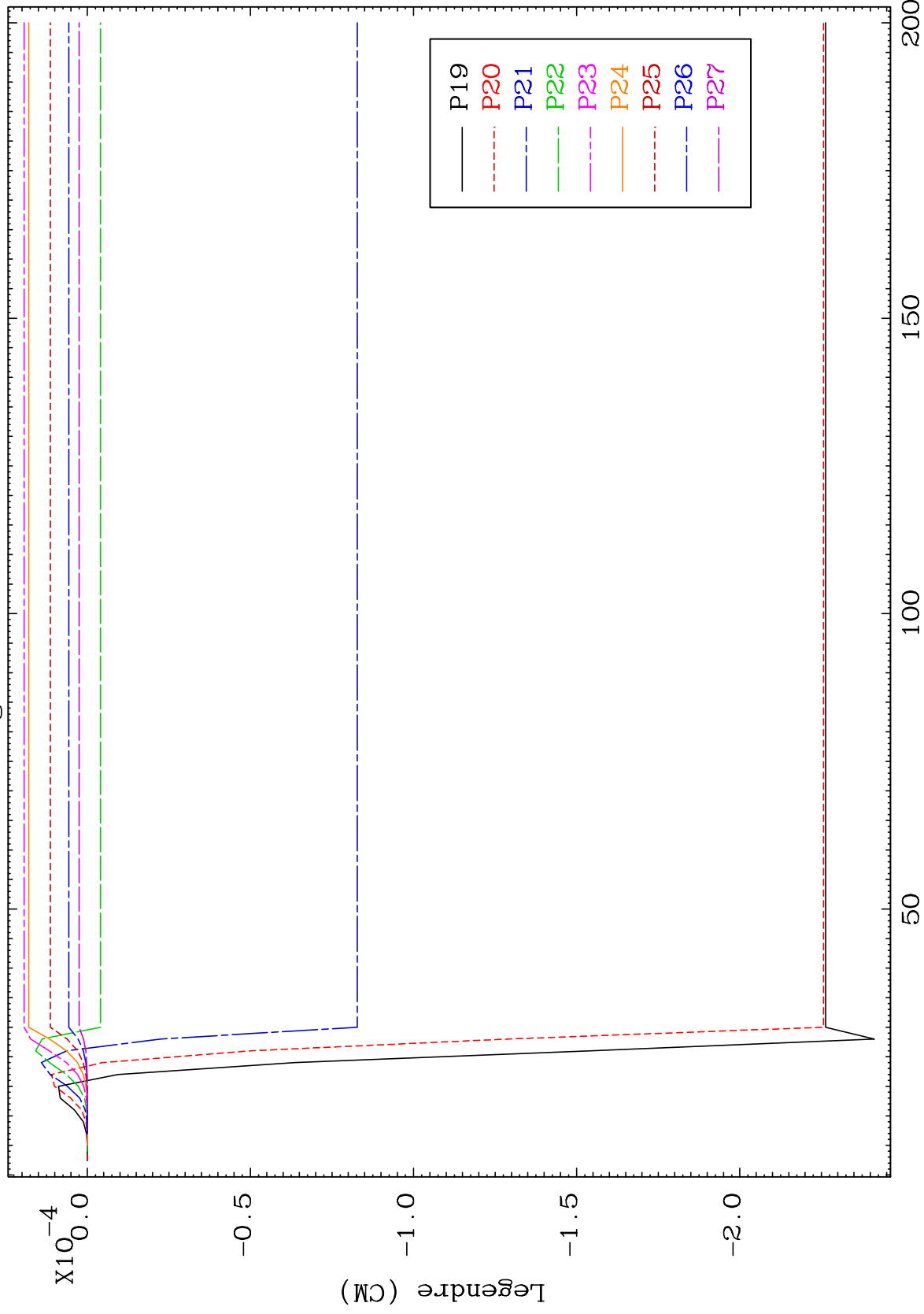
68-Er-156



MAT 6807

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

68-Er-156



120

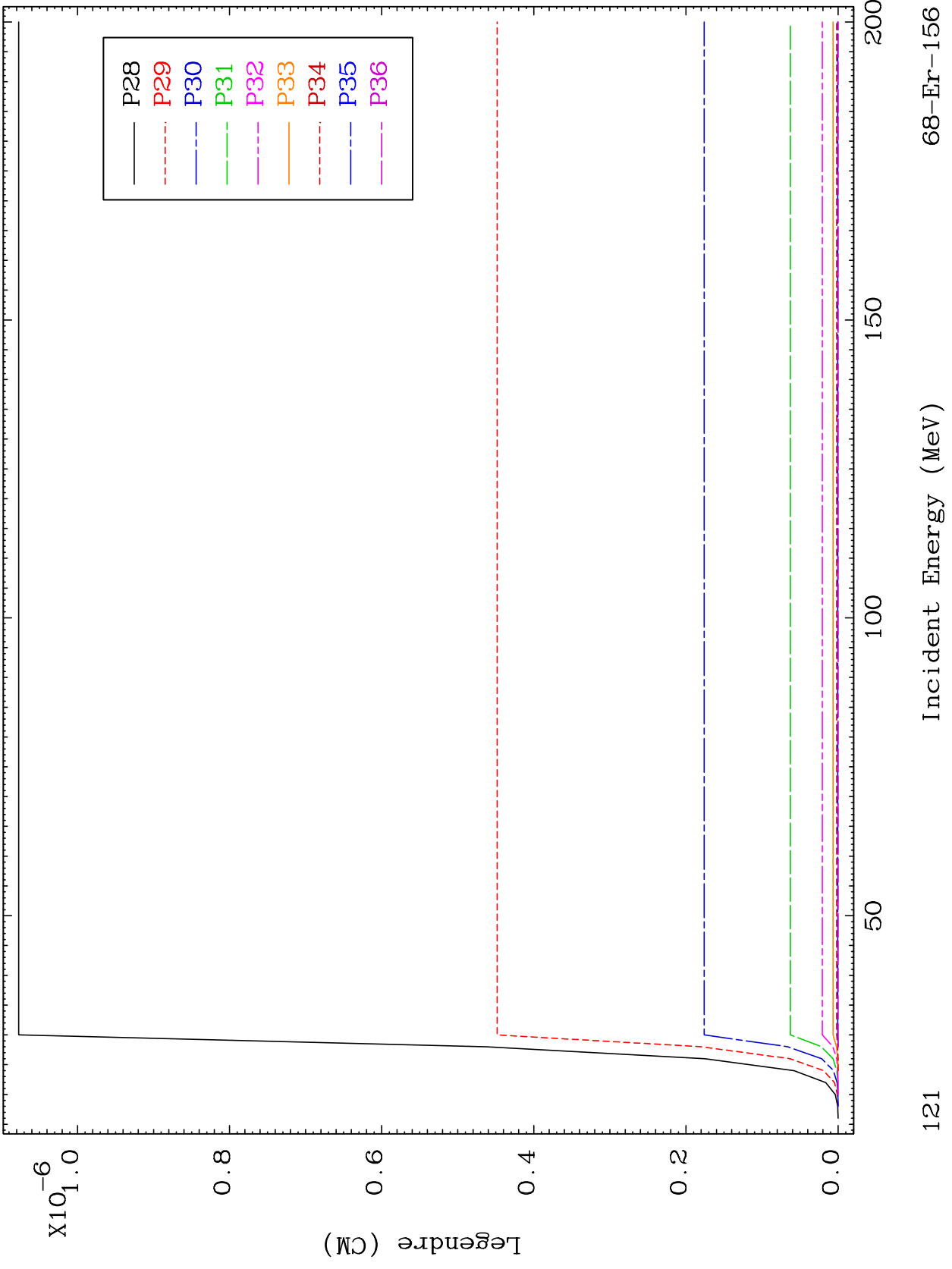
Incident Energy (MeV)

68-Er-156

MAT 6807

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

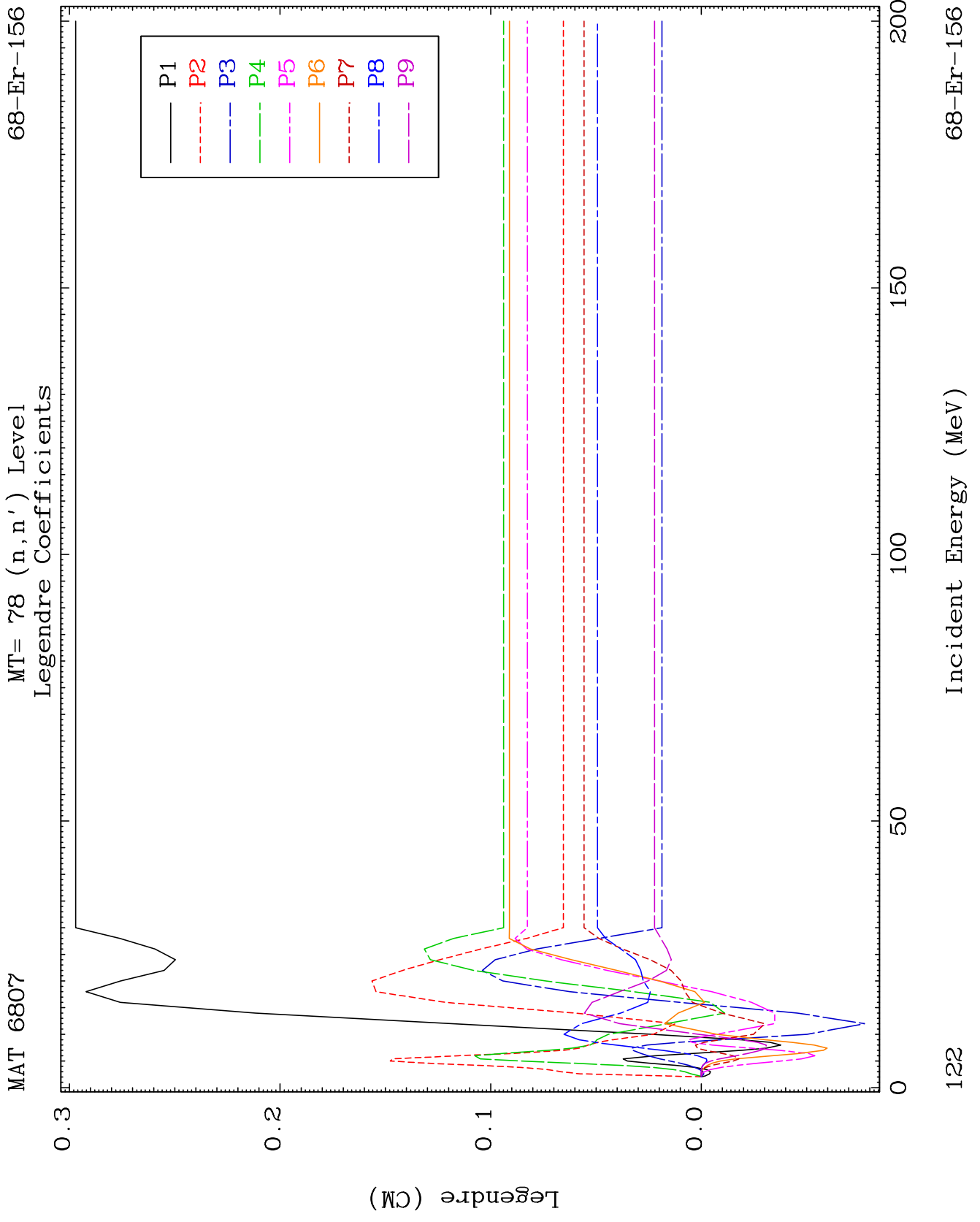
68-Er-156



121

Incident Energy (MeV)

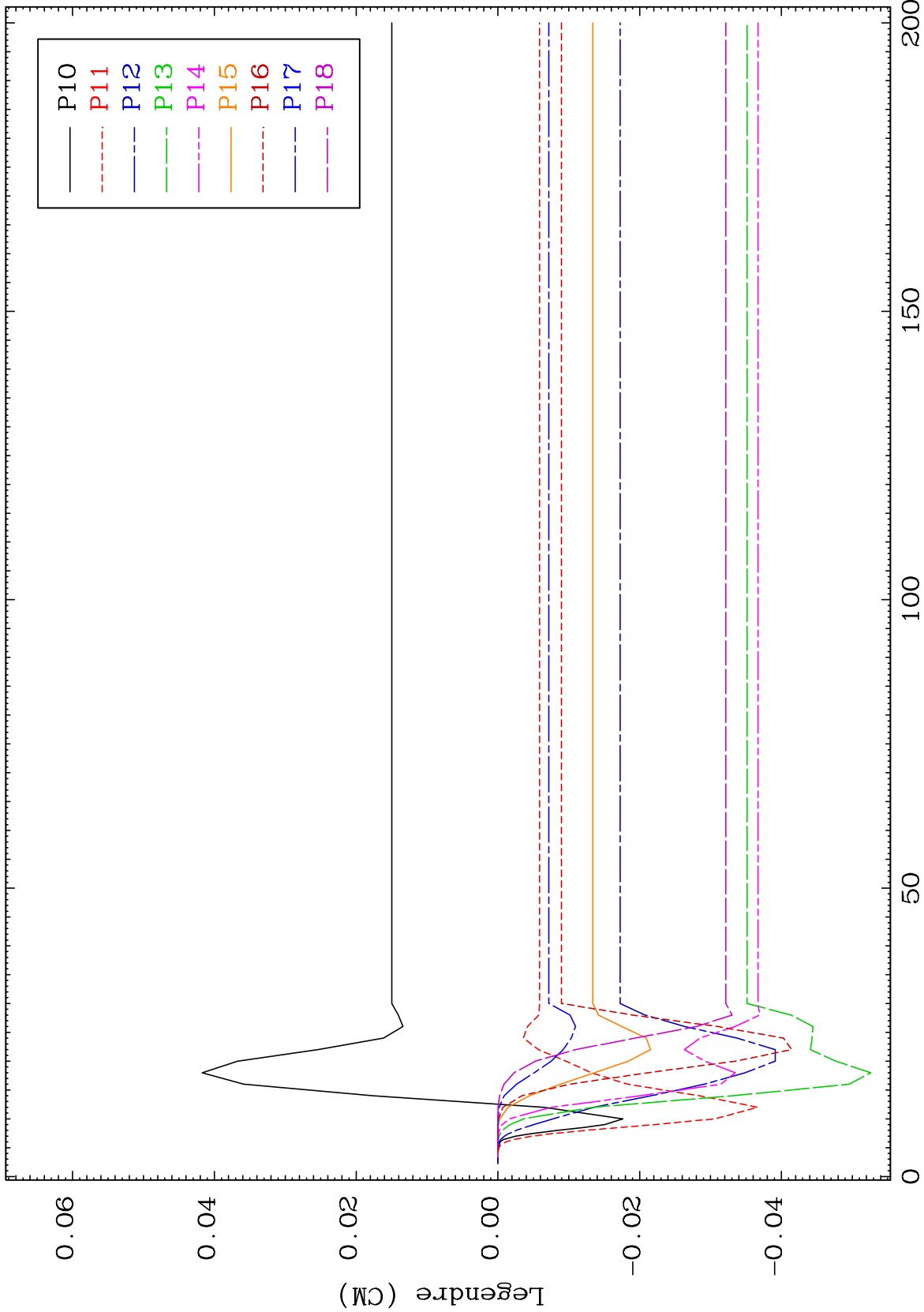
68-Er-156



MAT 6807

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

68-Er-156



123

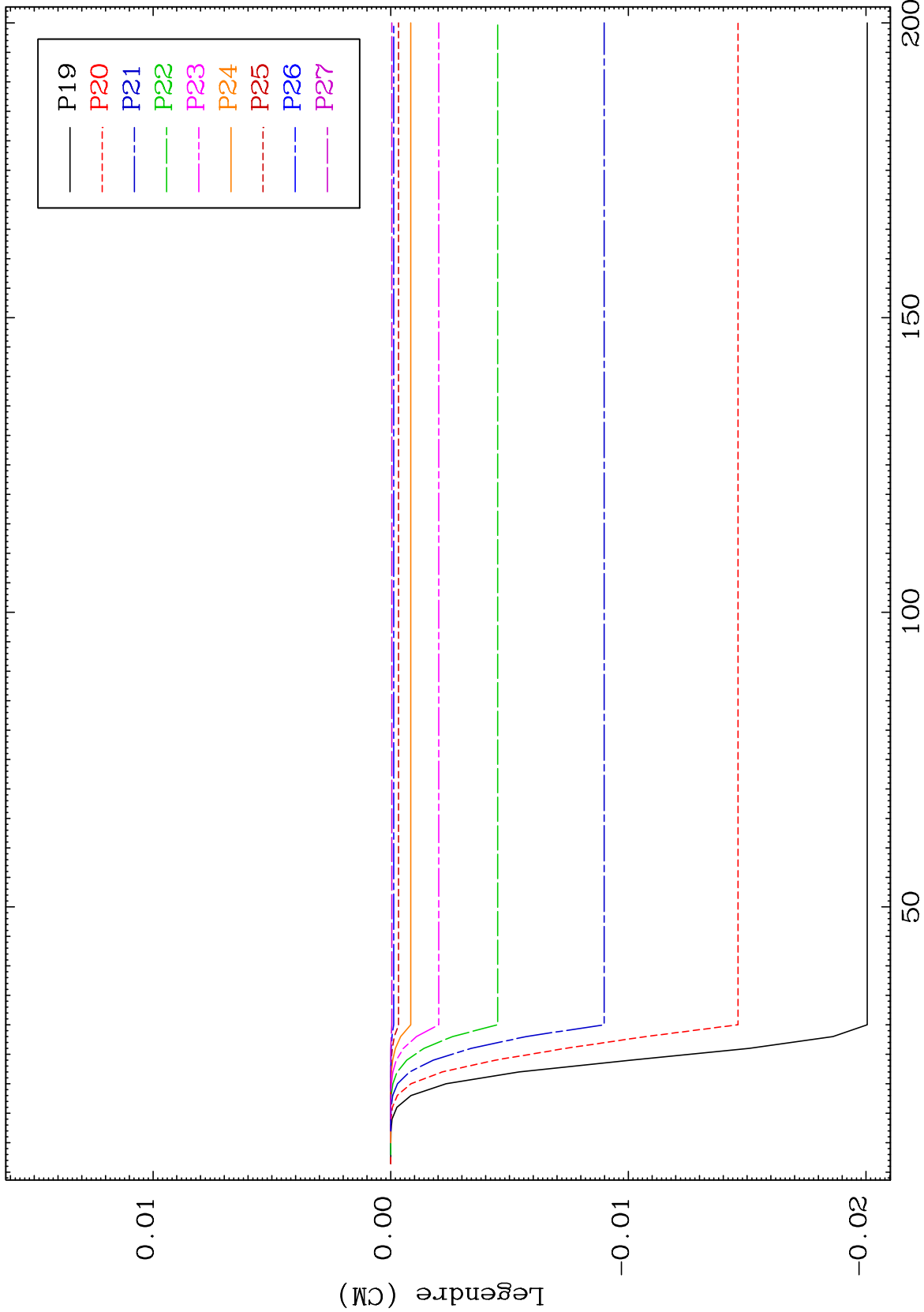
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156

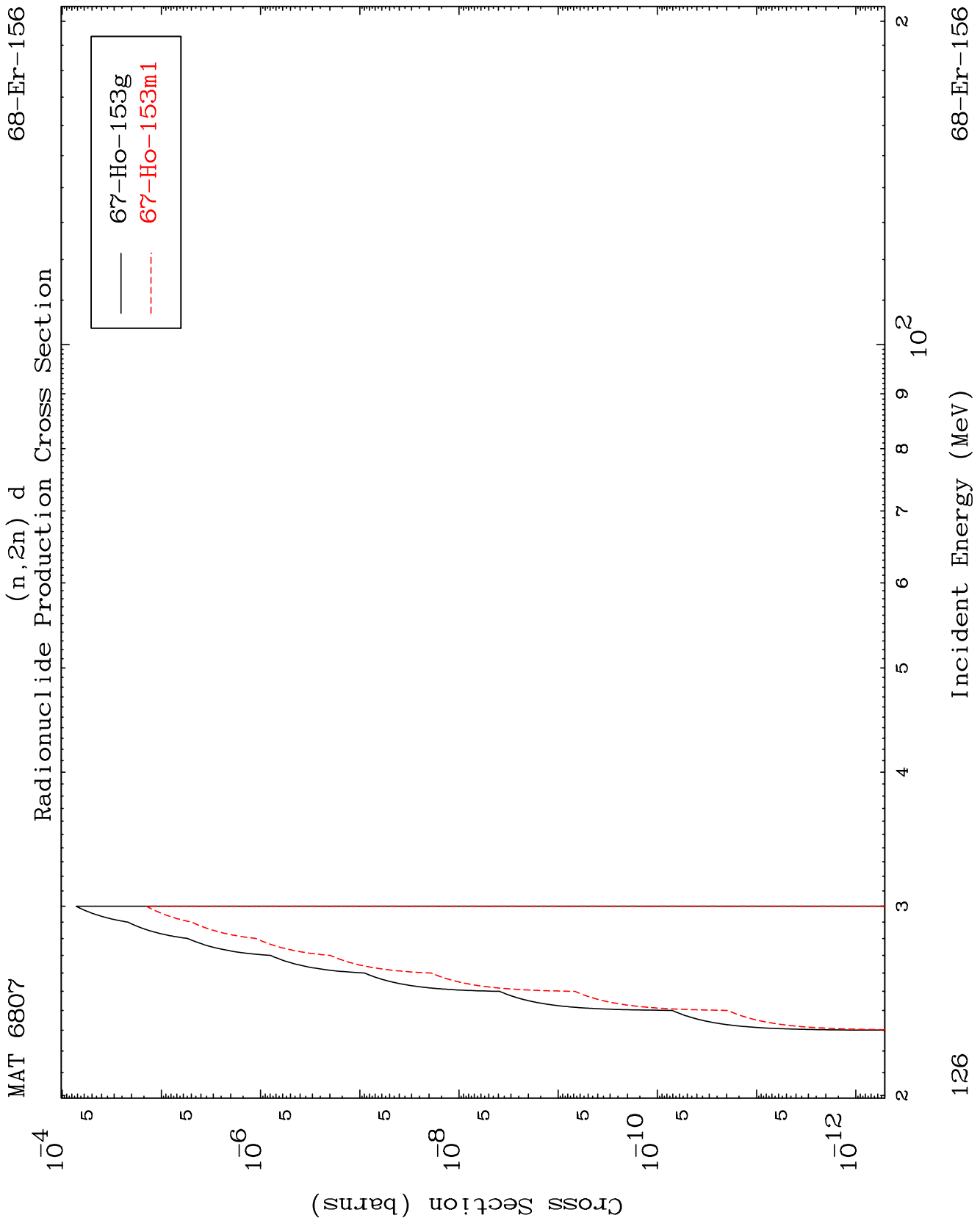


124

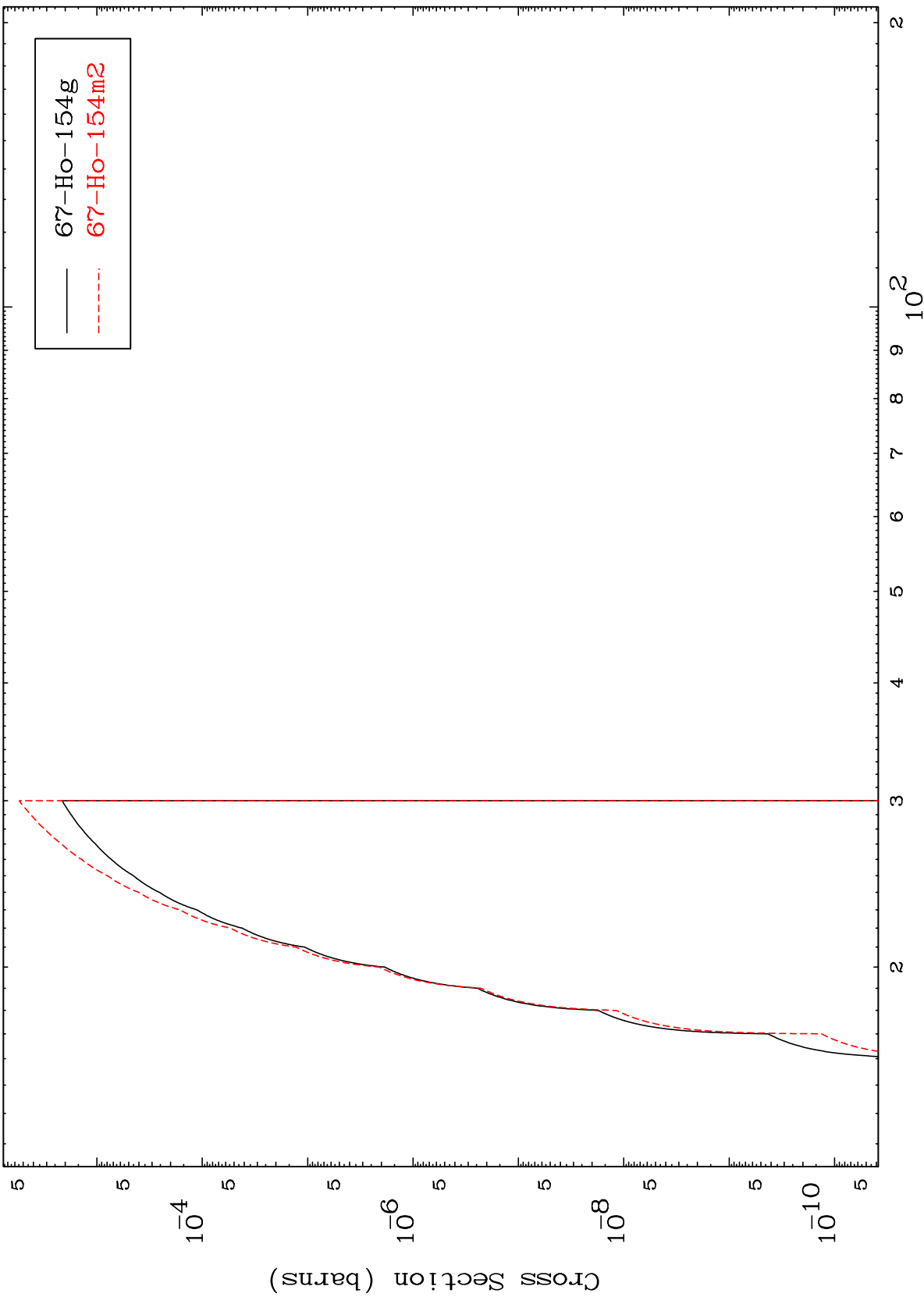
Incident Energy (MeV)

68-Er-156



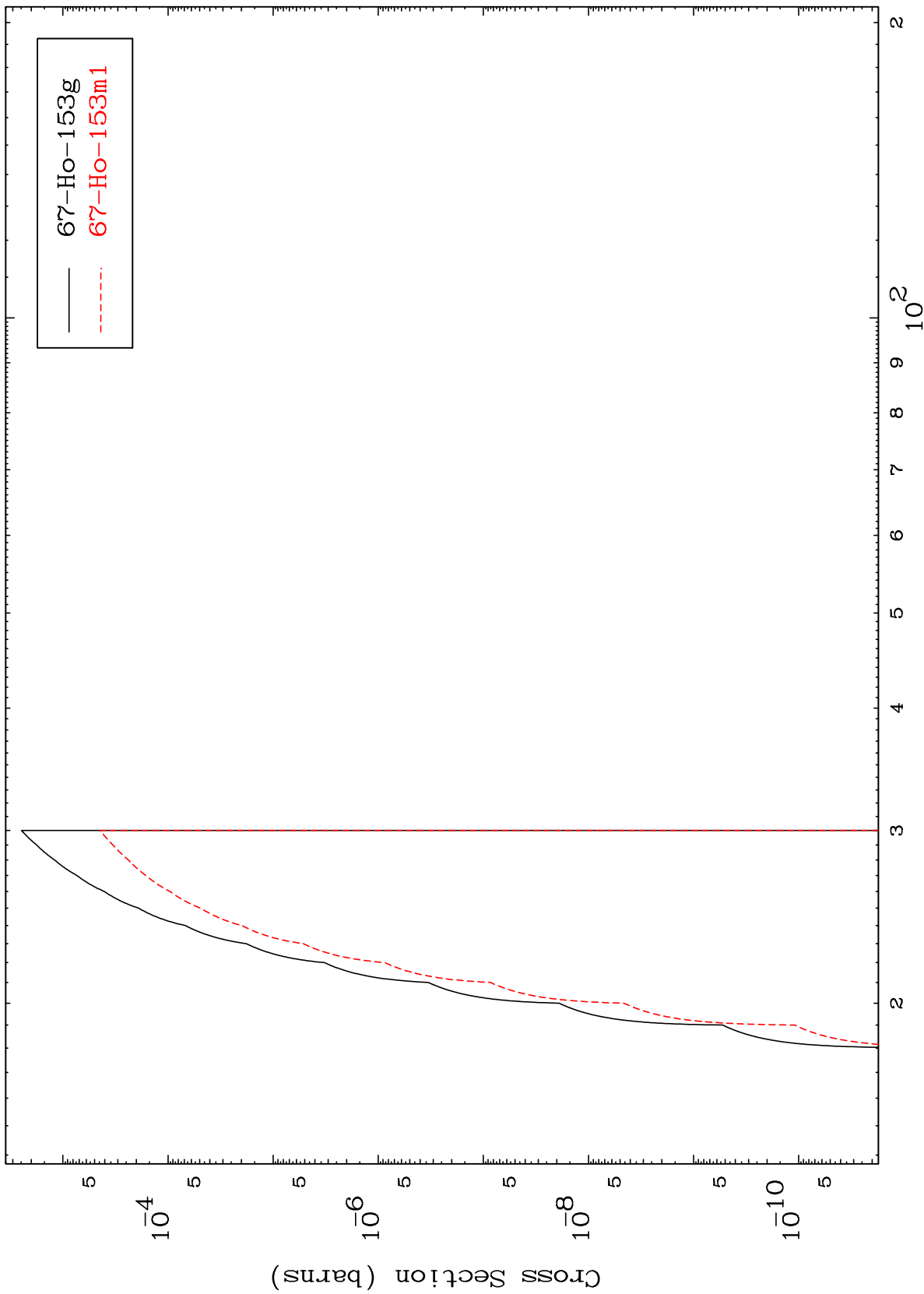


Radionuclide Production Cross Section

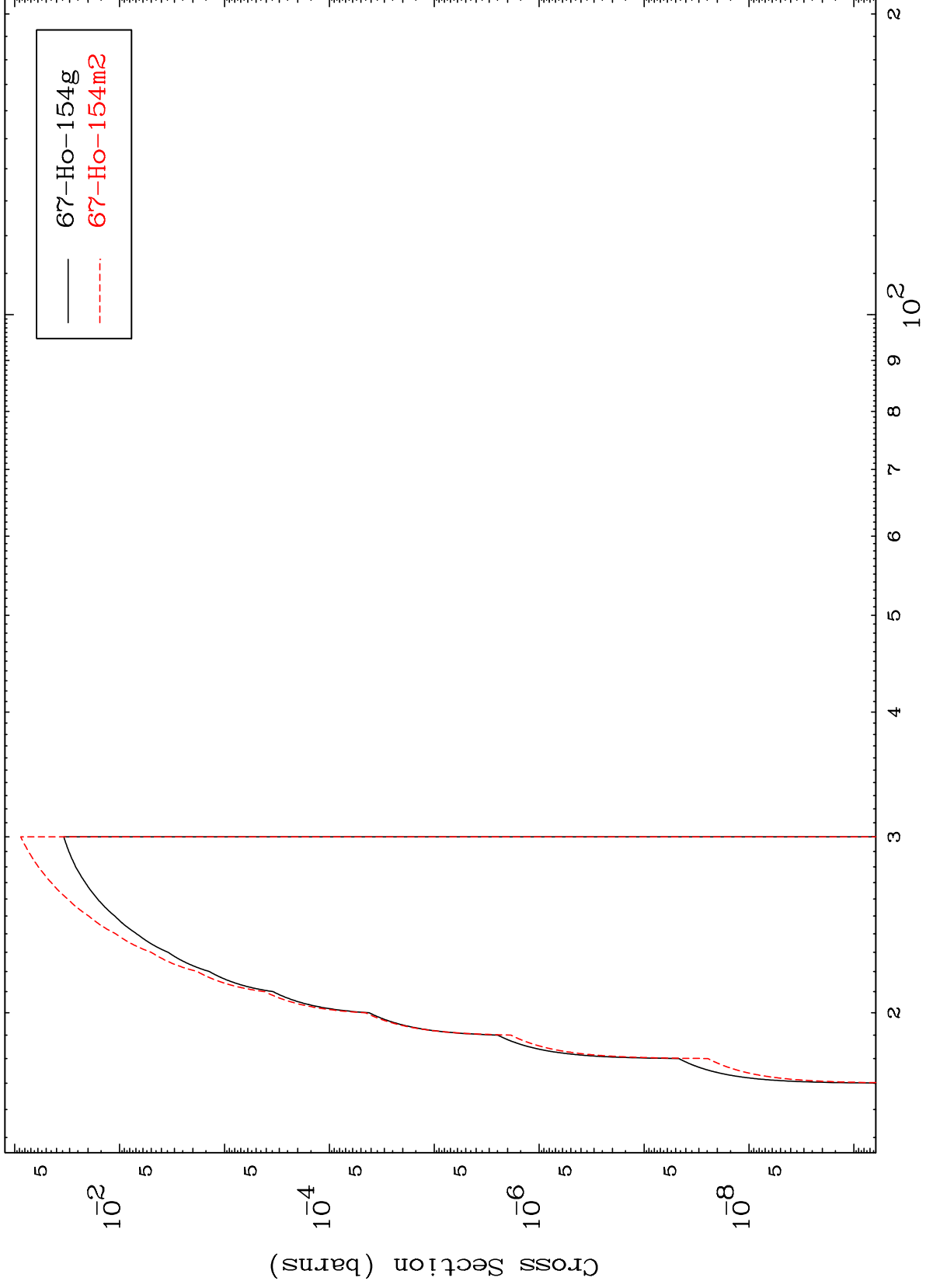




Radionuclide Production Cross Section



Radionuclide Production Cross Section

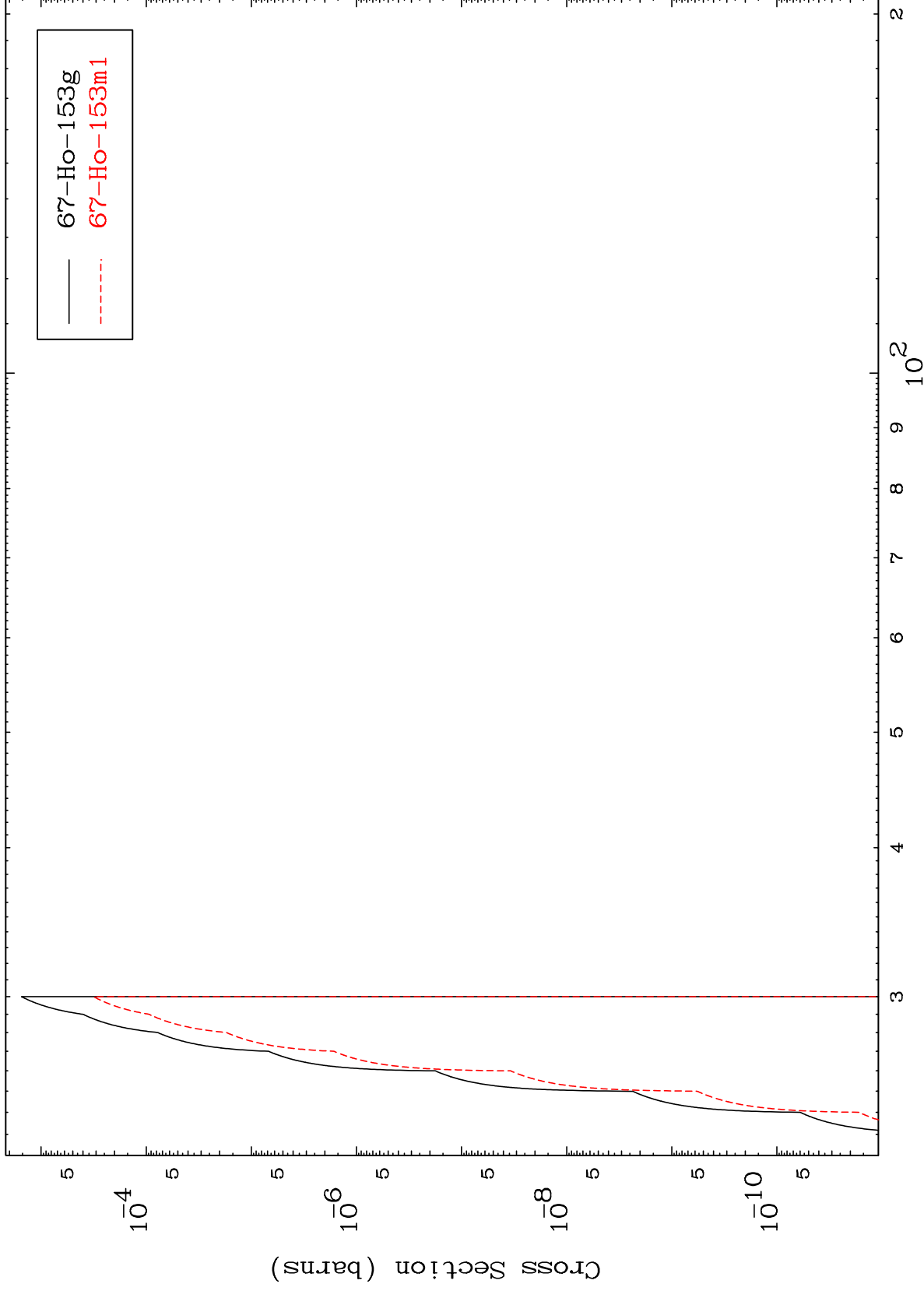


MAT 6807

(n,3n) p

68-Er-156

Radionuclide Production Cross Section



130

Incident Energy (MeV)

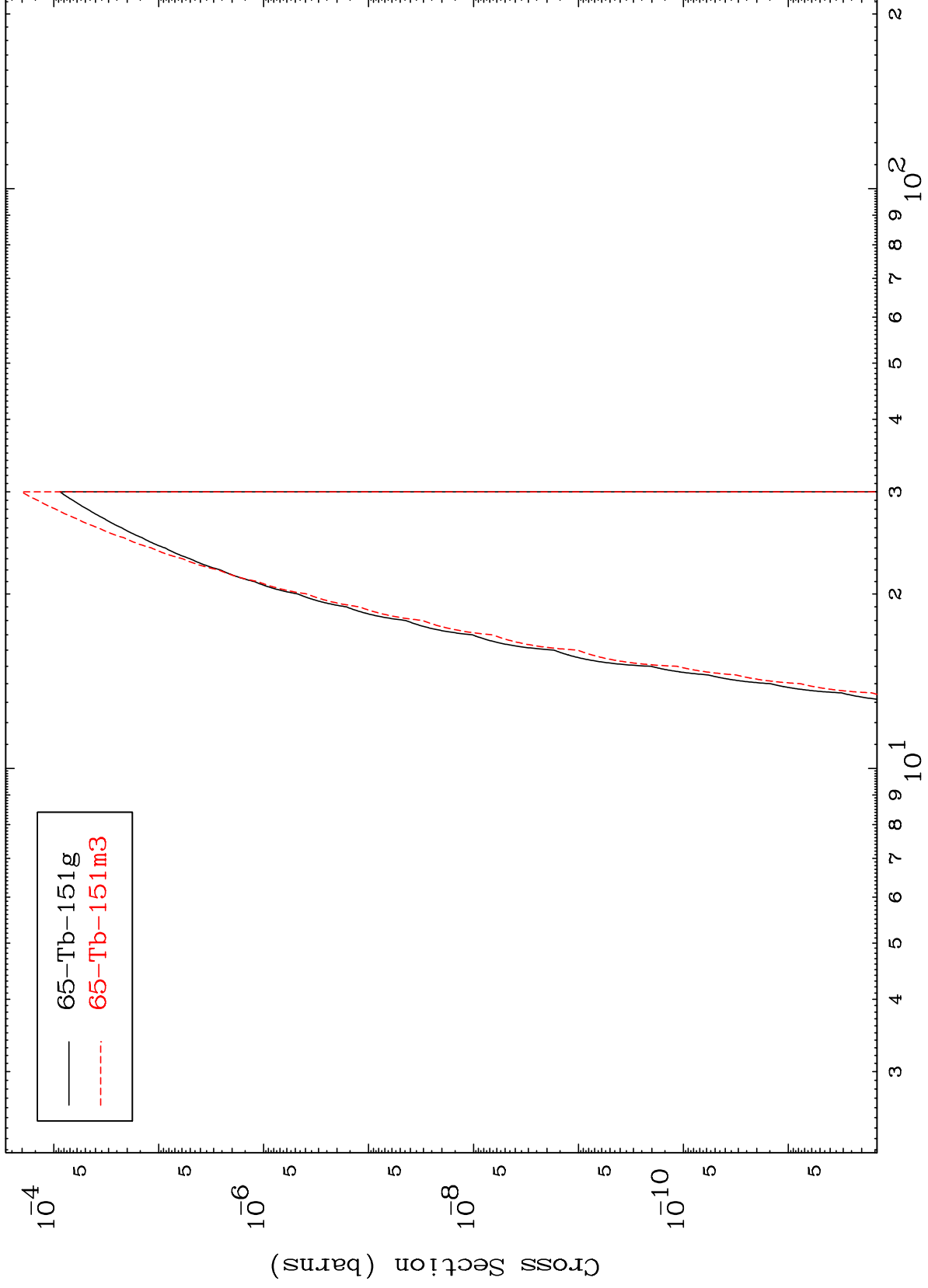
68-Er-156

MAT 6807

(n,n') p  $\alpha$

68-Er-156

Radionuclide Production Cross Section



131

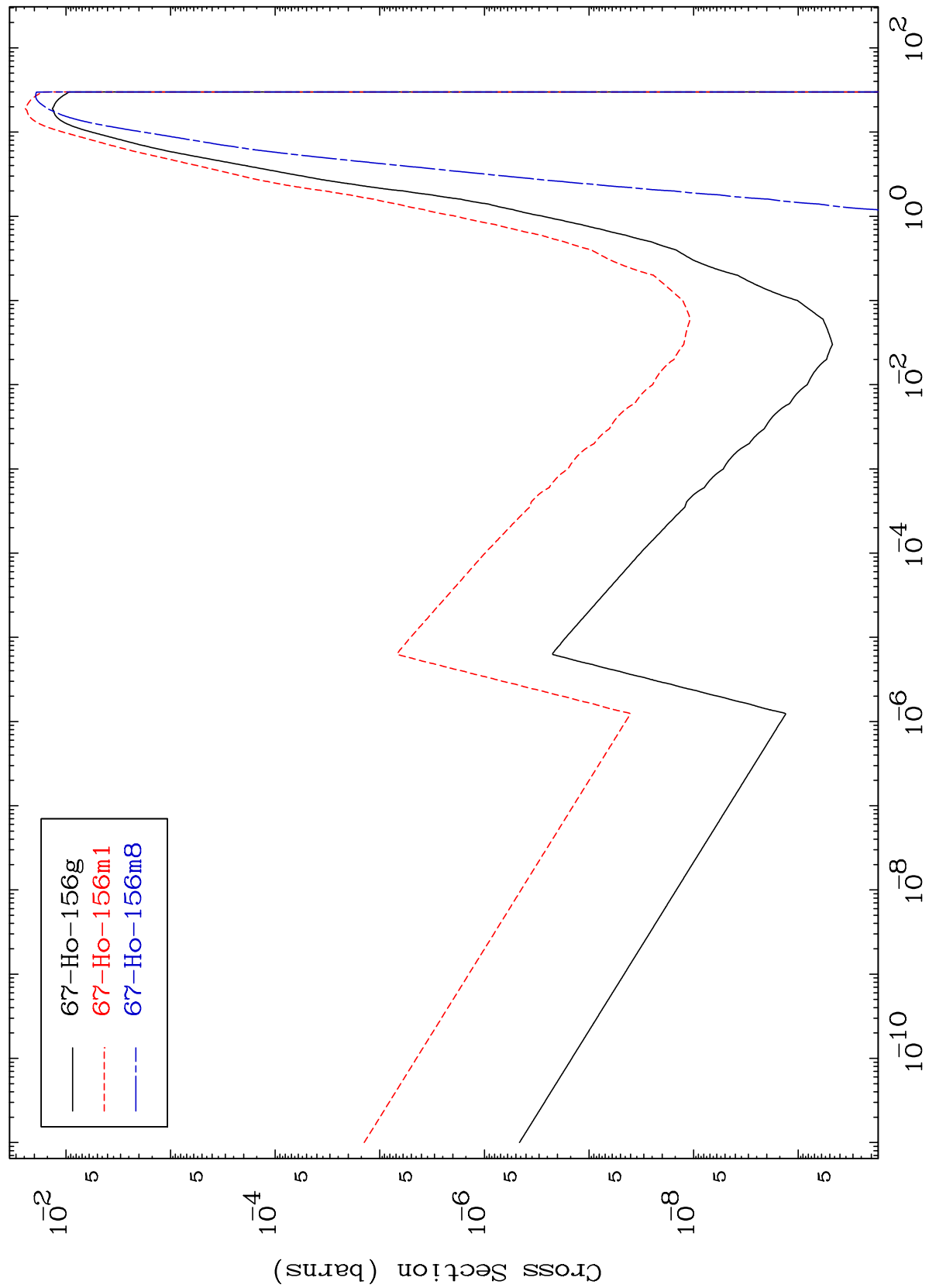
Incident Energy (MeV)

68-Er-156

MAT 6807

68-Er-156

Radionuclide Production Cross Section  
(n,p)



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

68-Er-156

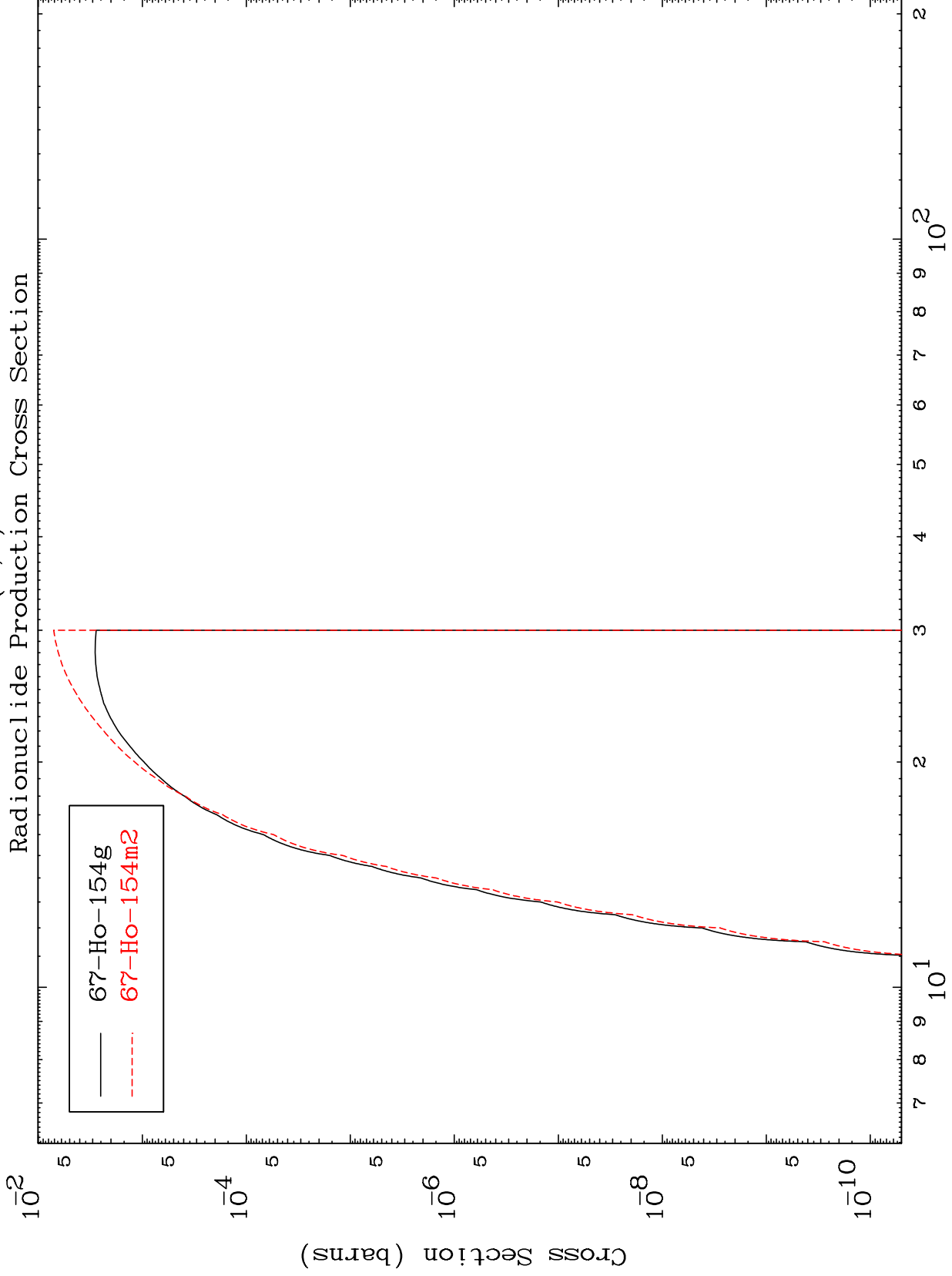
Incident Energy (MeV)

132

MAT 6807

68-Er-156

(n, t)  
Radionuclide Production Cross Section



133

Incident Energy (MeV)

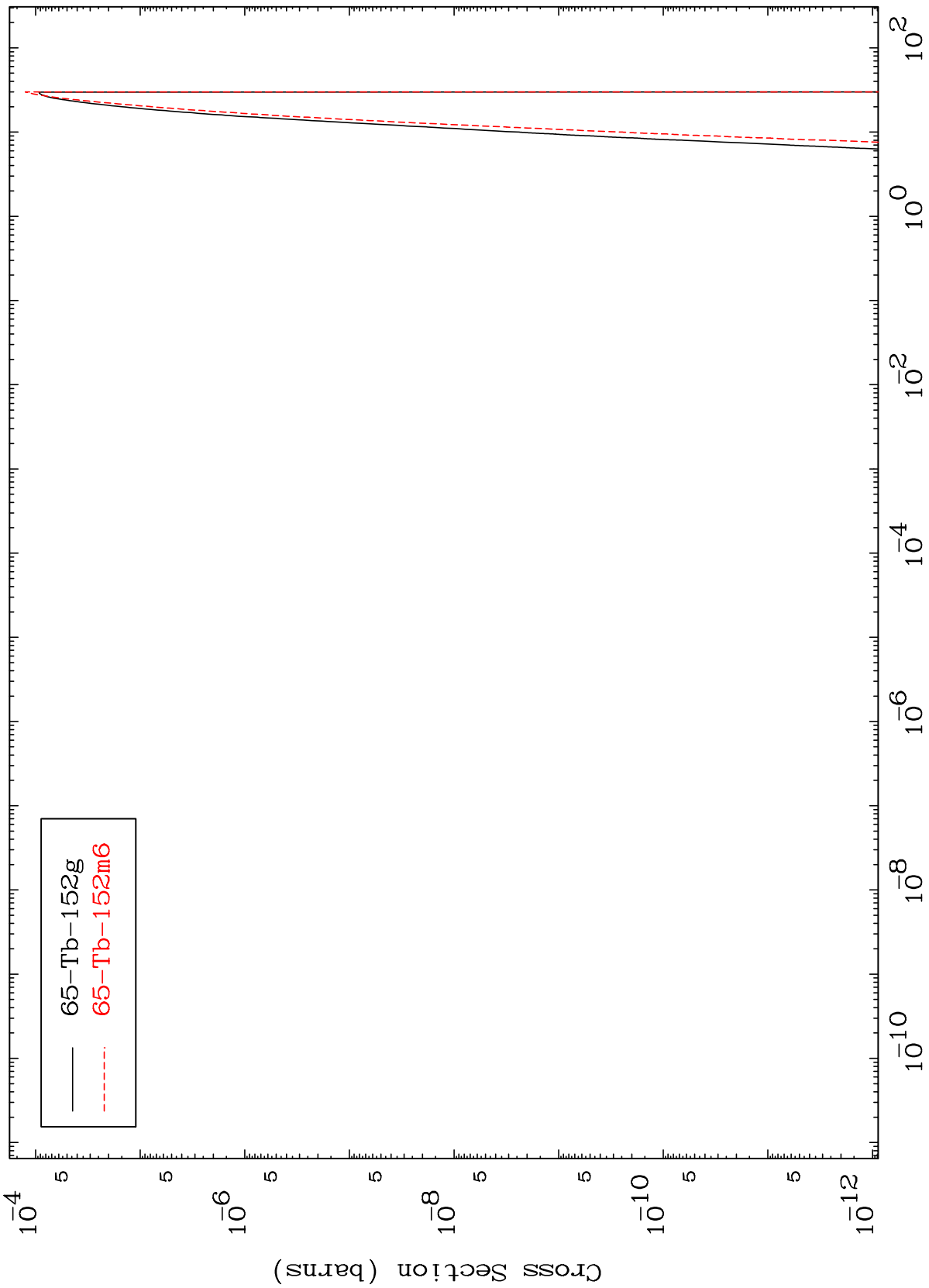
68-Er-156

MAT 6807

(n,p)  $\alpha$

68-Er-156

Radionuclide Production Cross Section

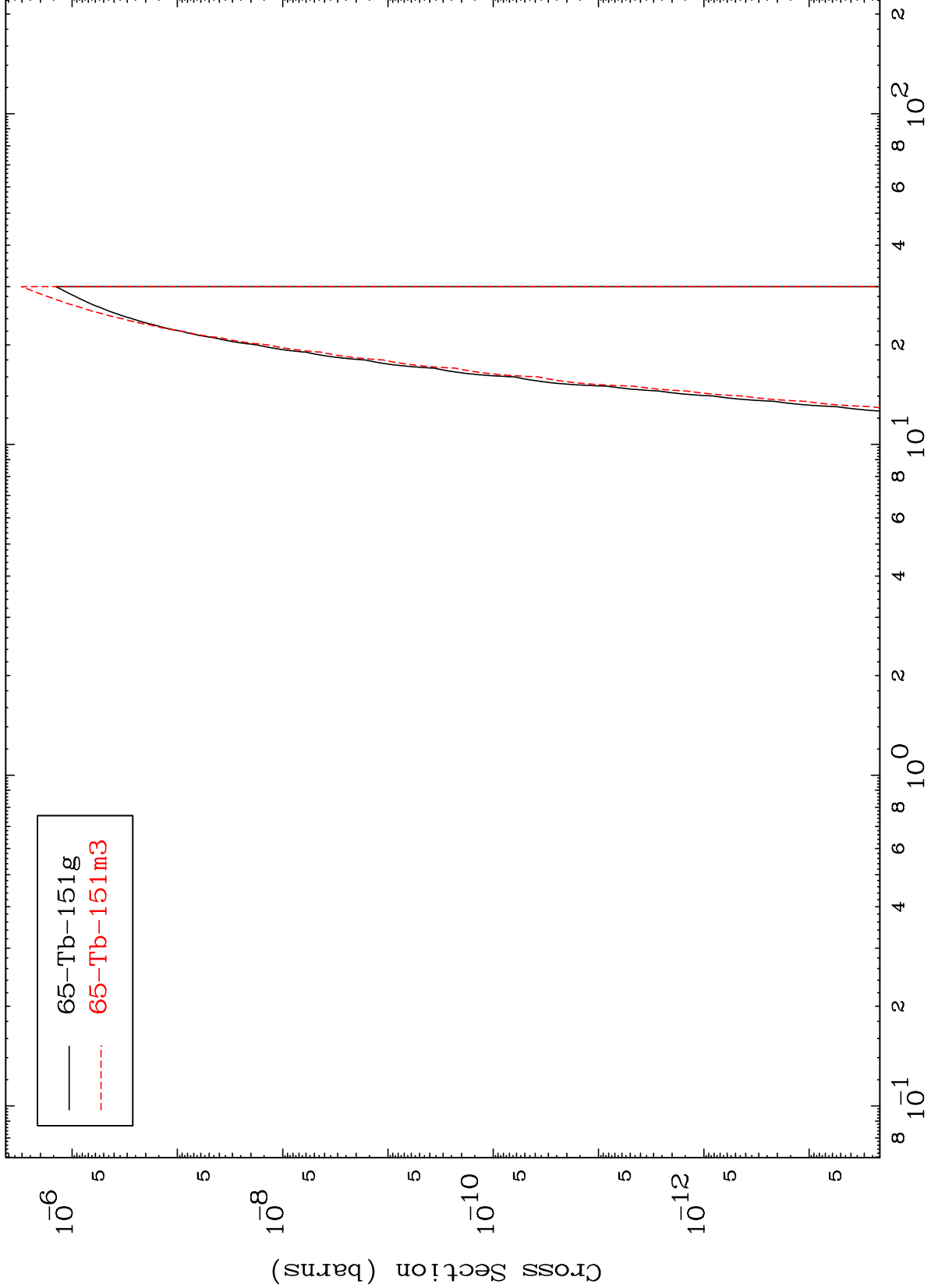
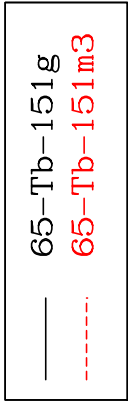


MAT 6807

(n,d)  $\alpha$

68-Er-156

Radionuclide Production Cross Section



135

Incident Energy (MeV)

68-Er-156