

Program EVALPLOT  
(Version 2018-1)

by

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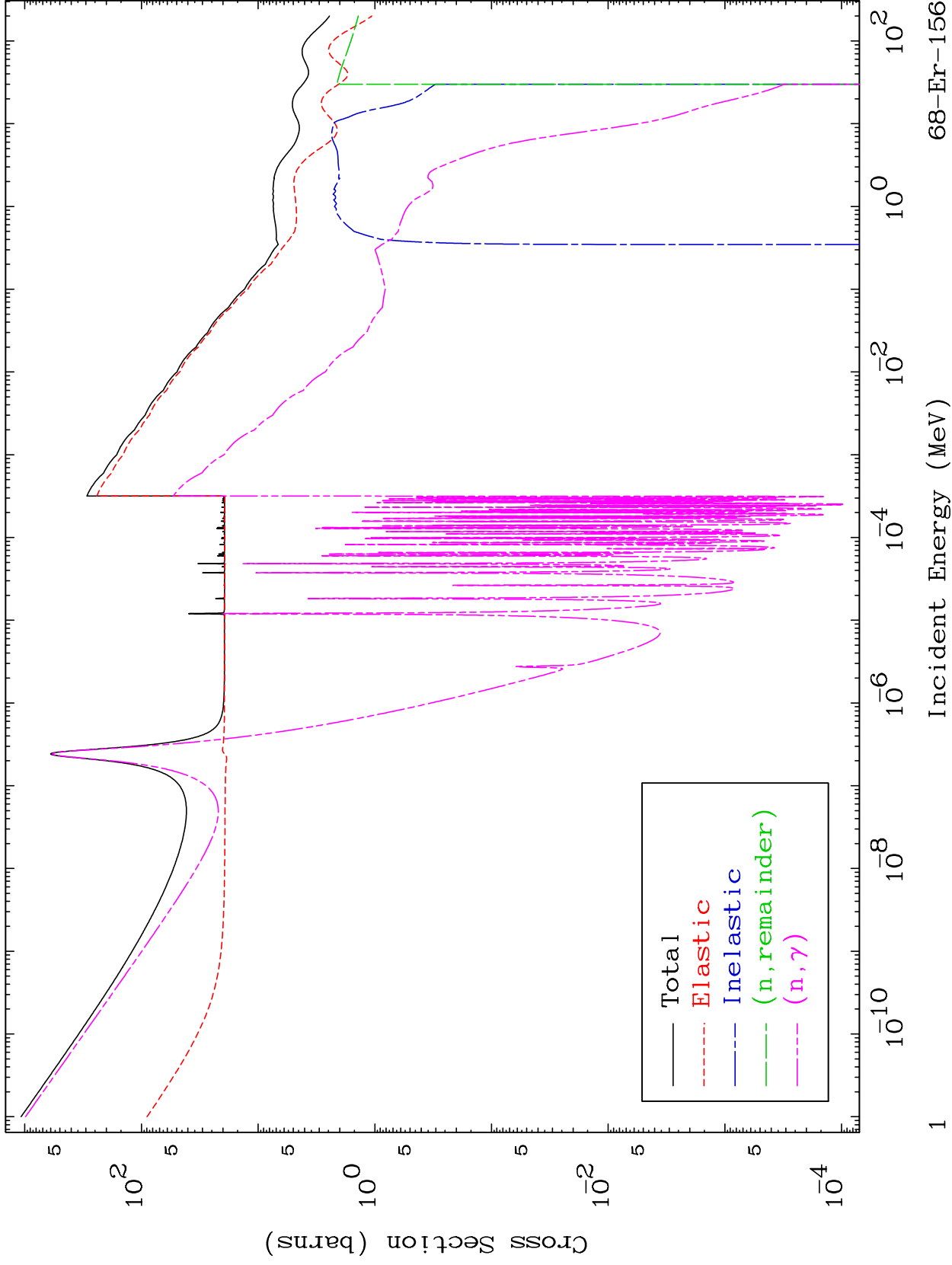
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Press Mouse Button to Start

MAT 6807

Major  
293 Kelvin Cross Sections

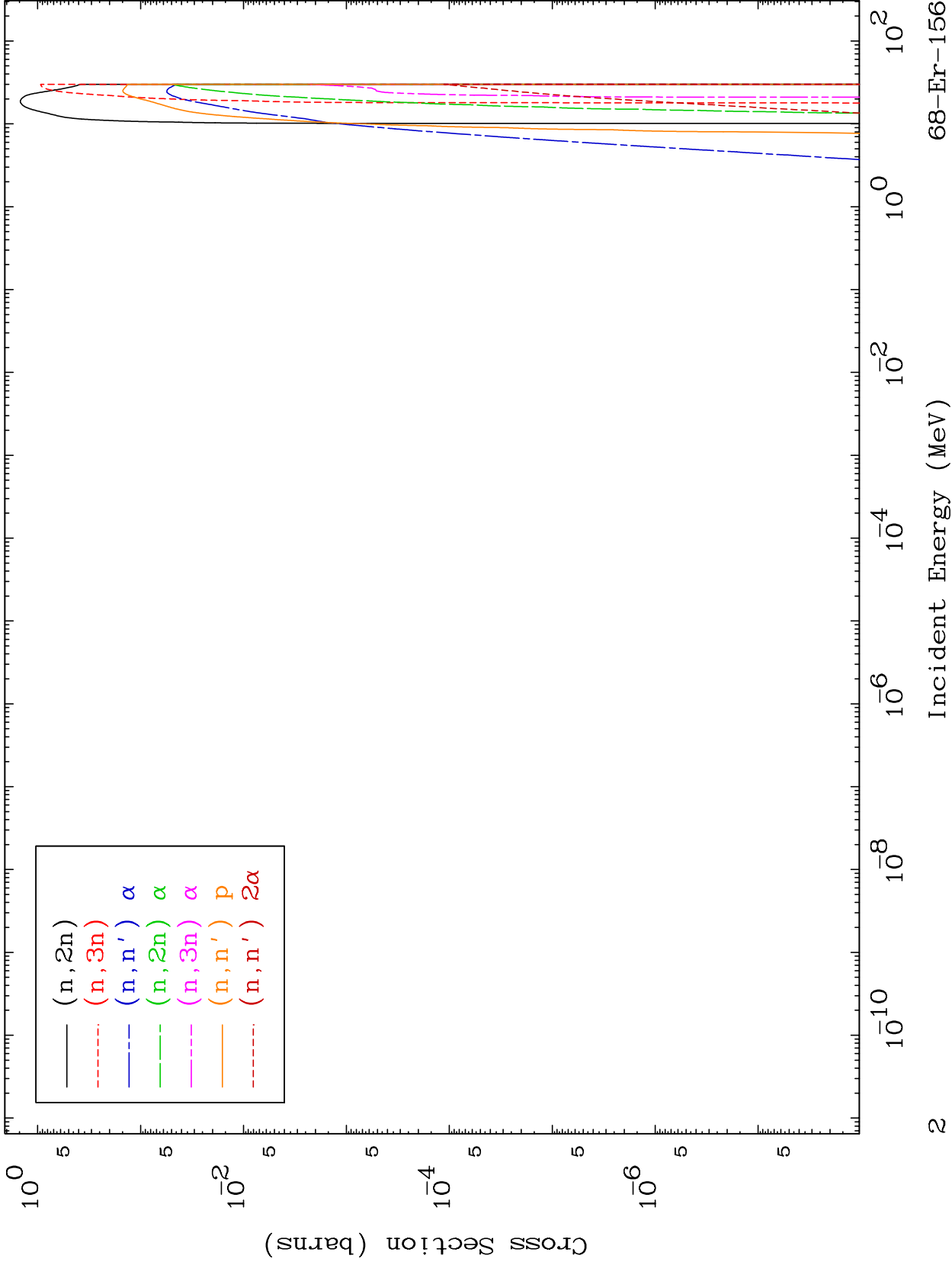
68-Er-156

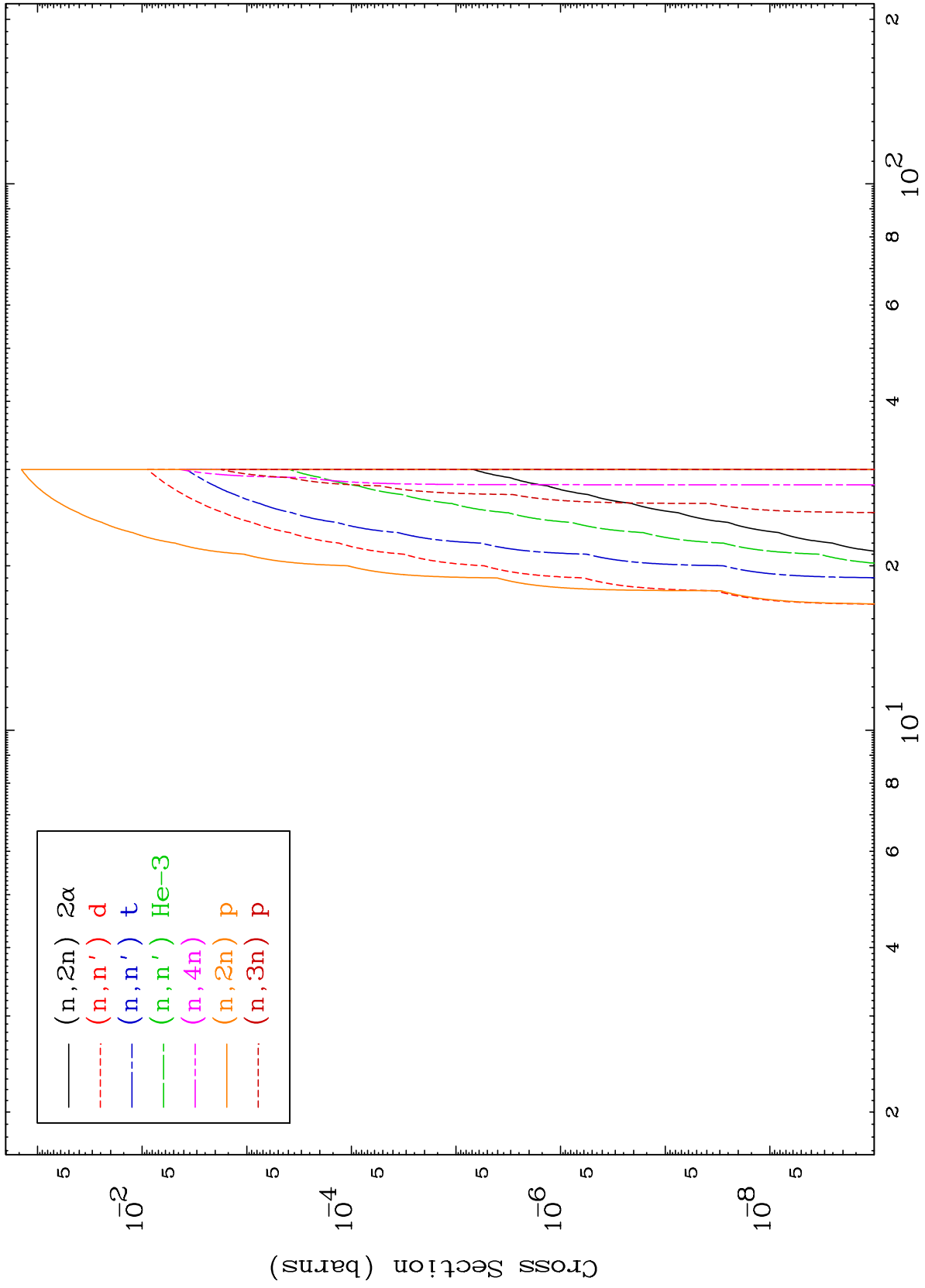


MAT 6807

Neutron Production  
293 Kelvin Cross Sections

68-Er-156

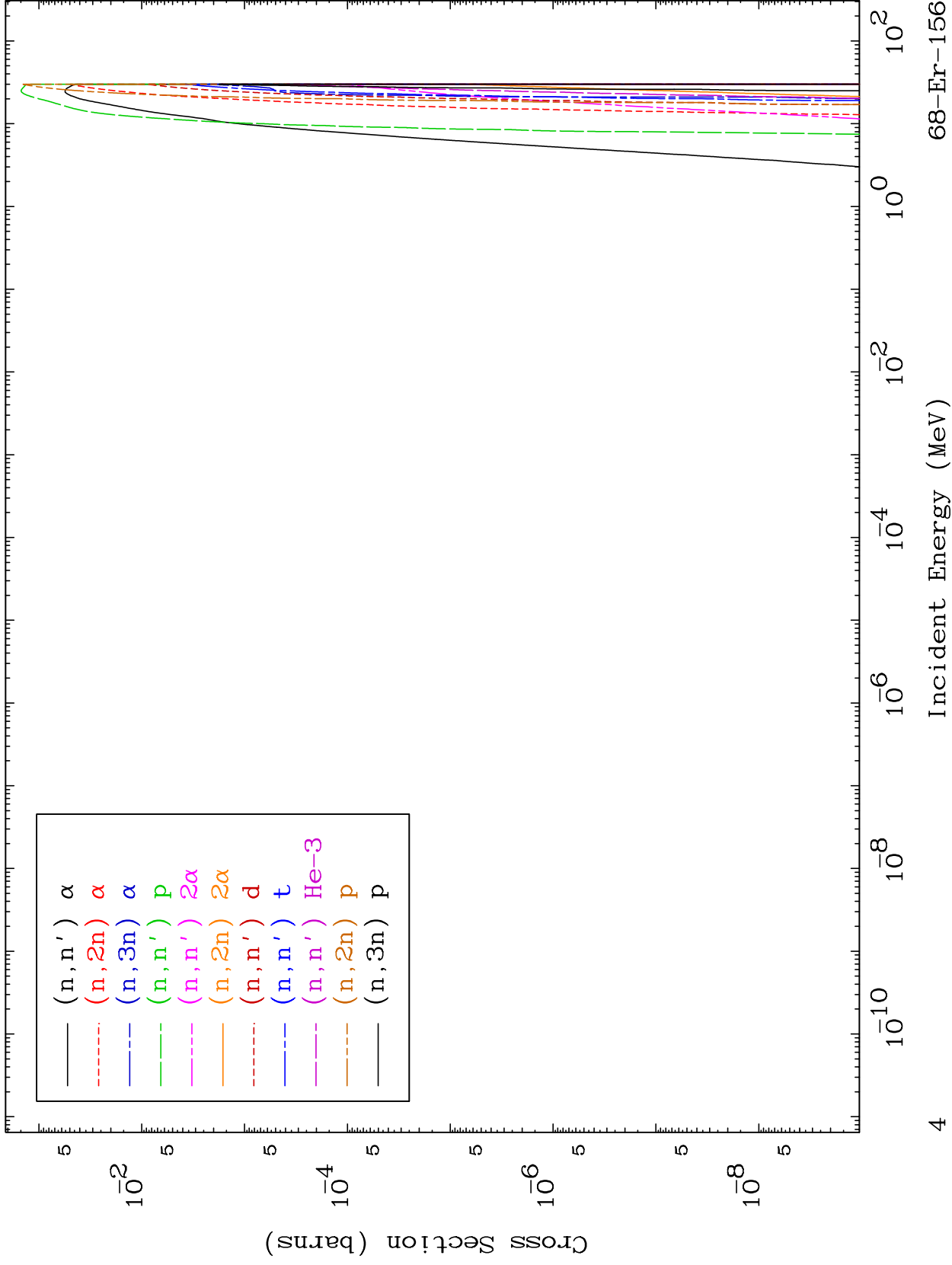




MAT 6807

Charged Particle  
293 Kelvin Cross Sections

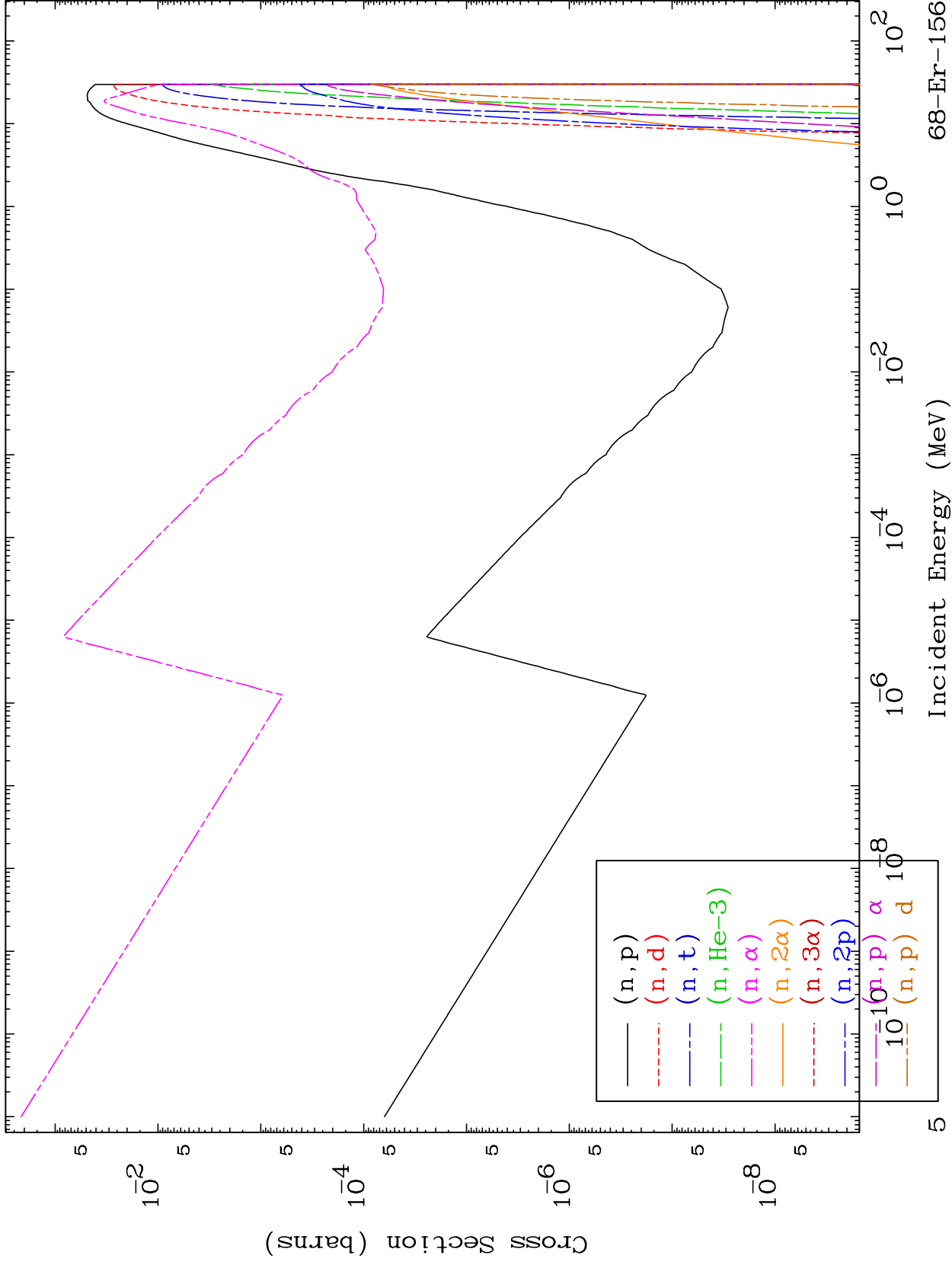
68-Er-156



MAT 6807

Charged Particle  
293 Kelvin Cross Sections

68-Er-156



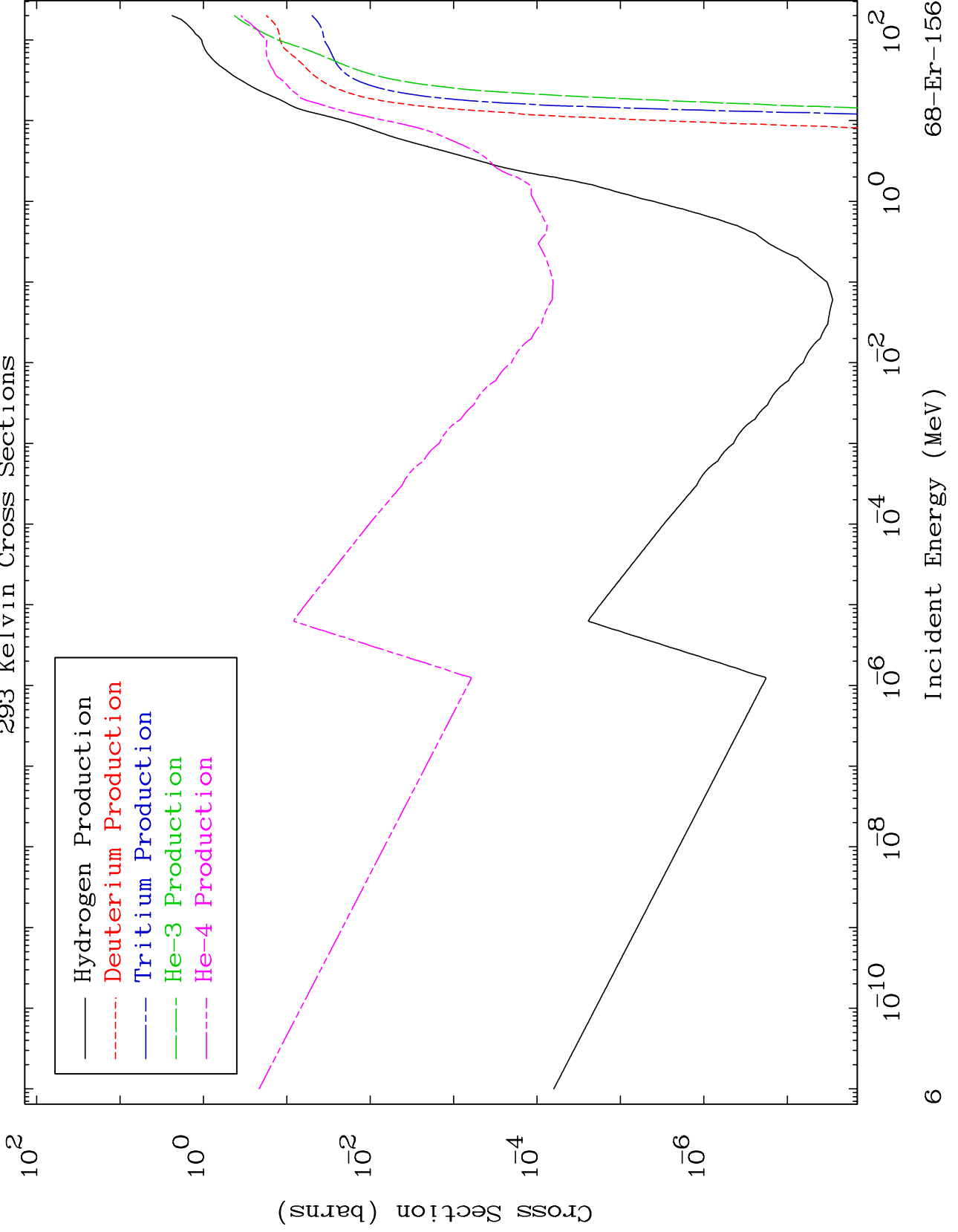
68-Er-156

Incident Energy (MeV)

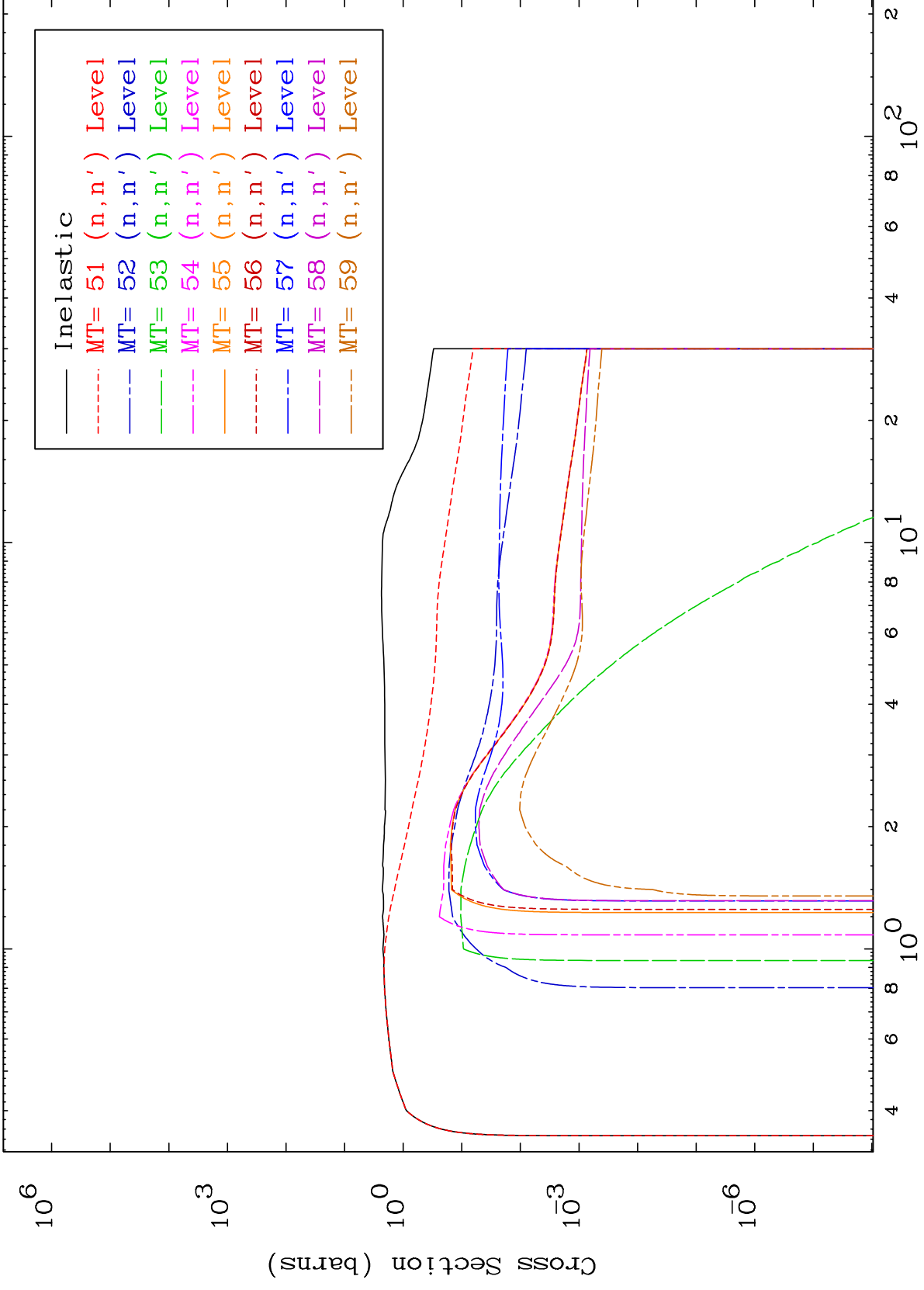
MAT 6807

Particle Production  
293 Kelvin Cross Sections

68-Er-156



293 Kelvin Cross Sections



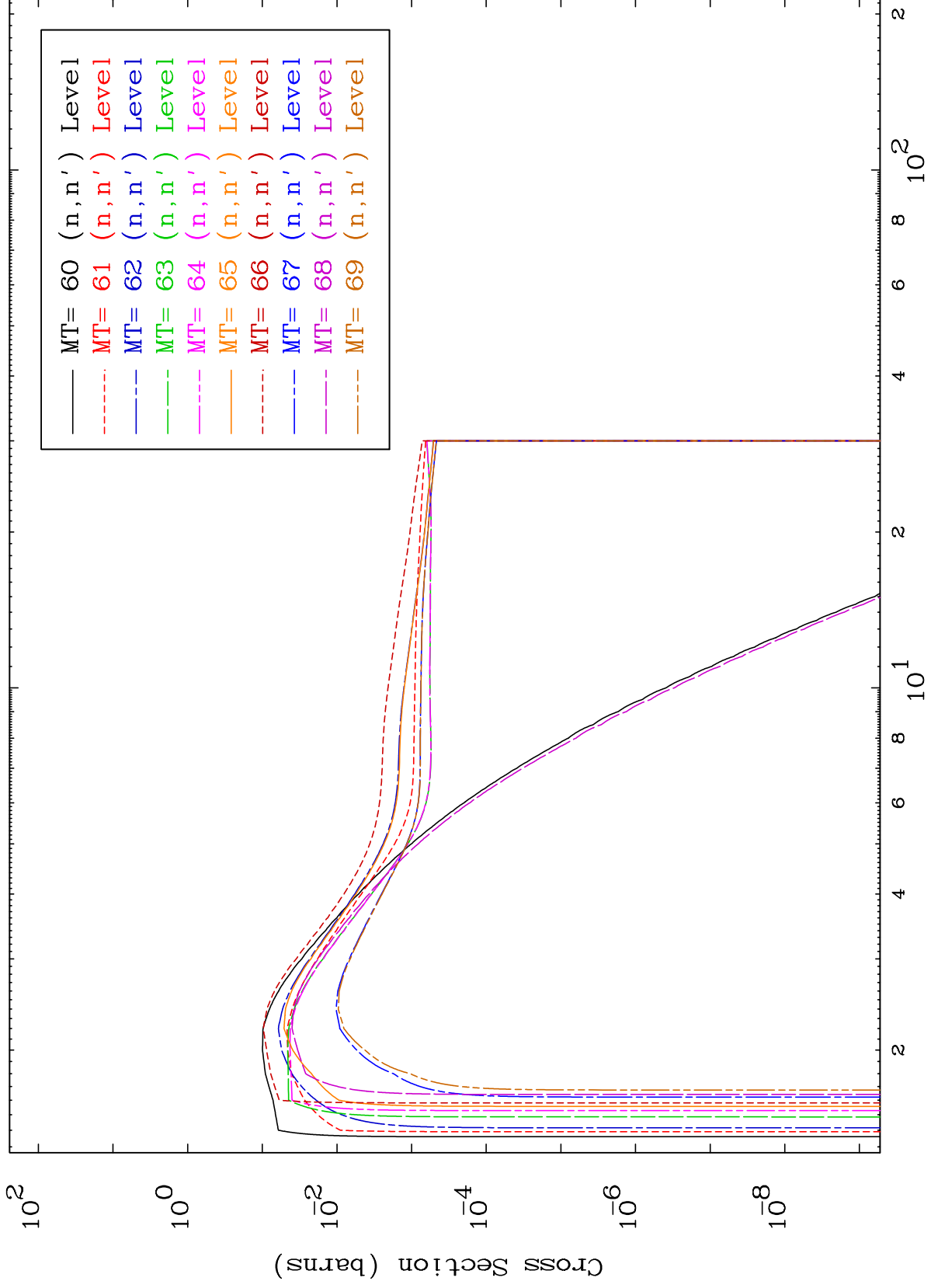


MAT 6807

(n,n') Level

68-Er-156

293 Kelvin Cross Sections

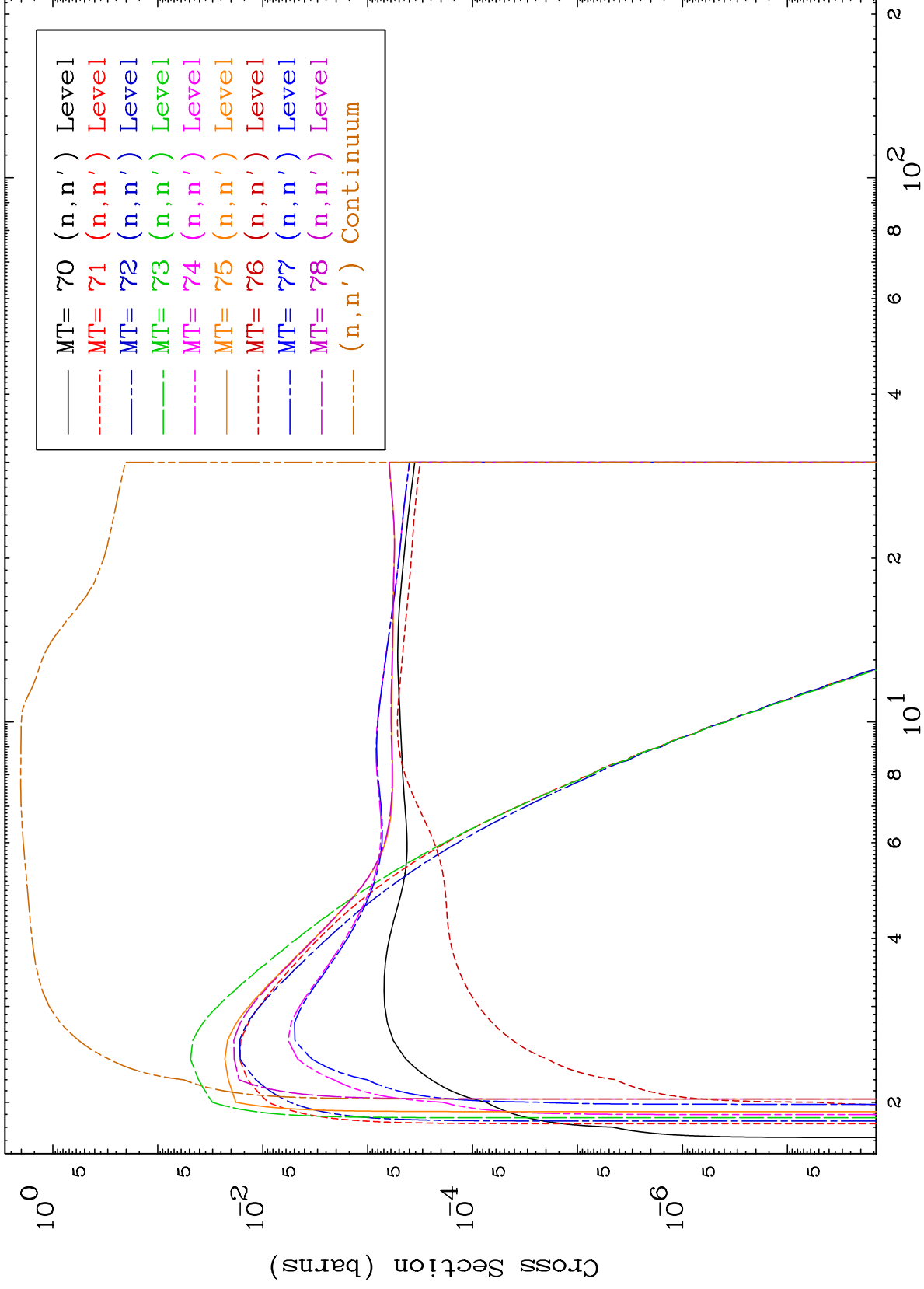


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Incident Energy (MeV)

68-Er-156

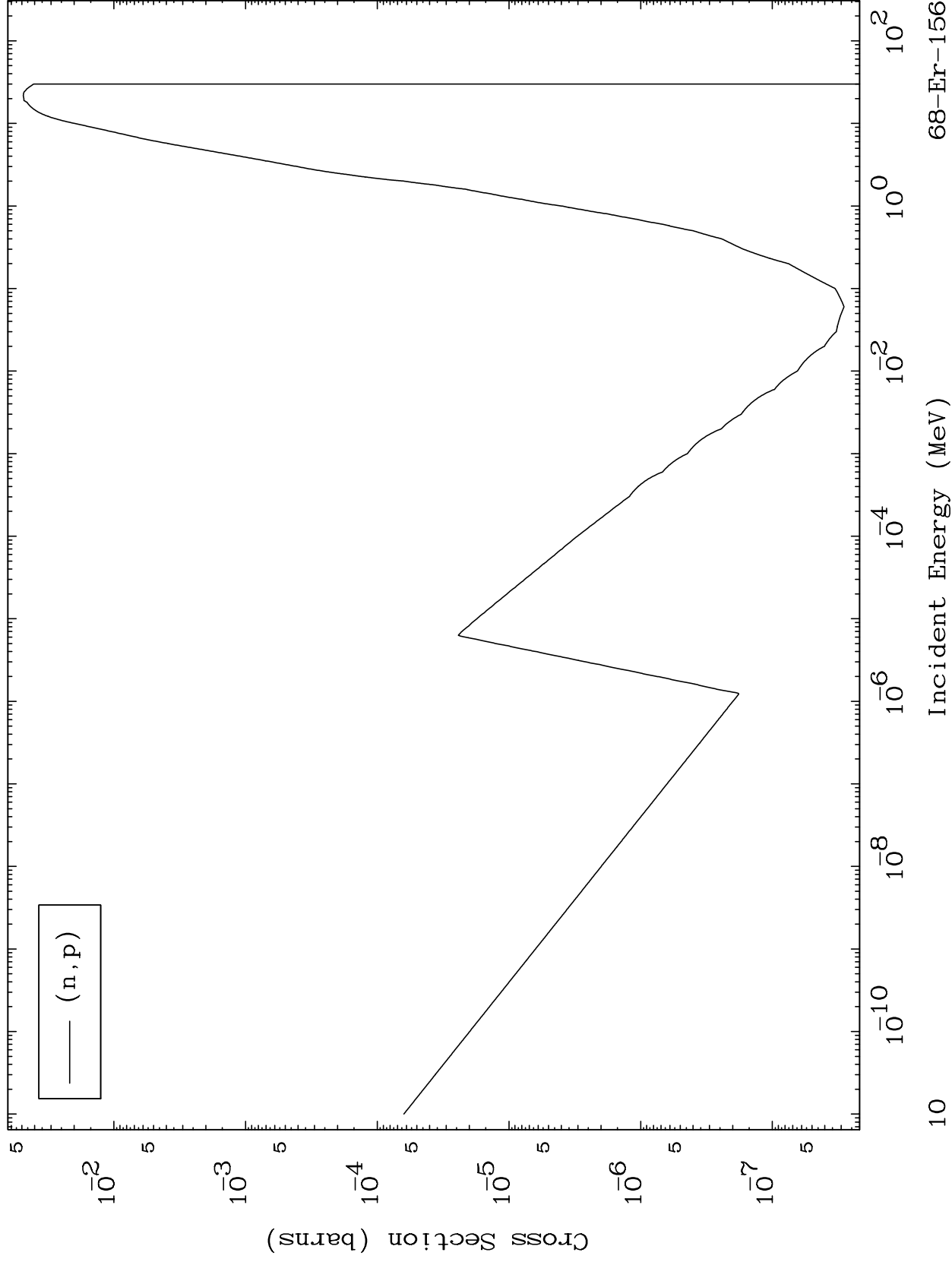
293 Kelvin Cross Sections



MAT 6807

(n,p) Levels  
293 Kelvin Cross Sections

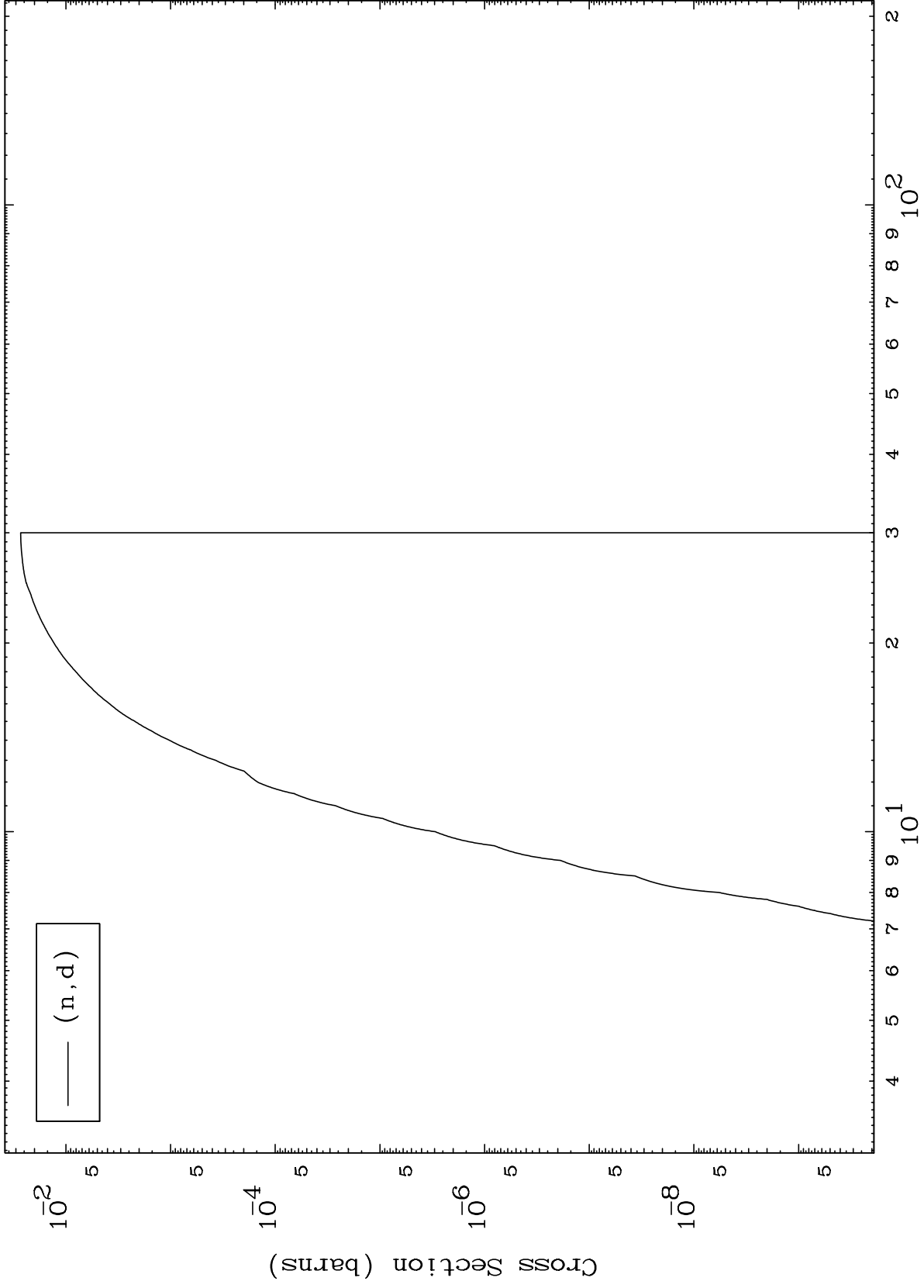
68-Er-156



MAT 6807

(n,d) Levels  
293 Kelvin Cross Sections

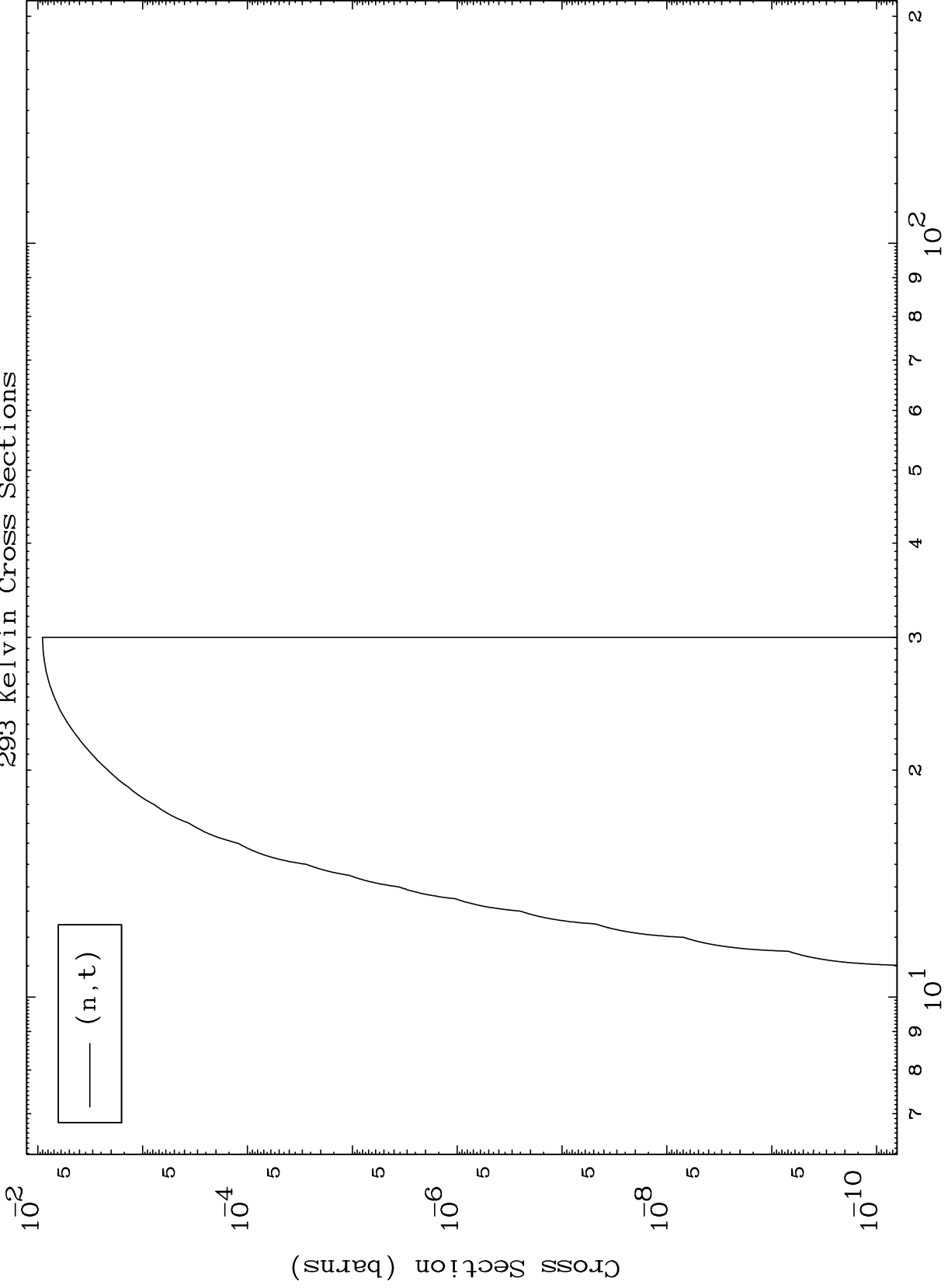
68-Er-156



MAT 6807

(n, t) Levels  
293 Kelvin Cross Sections

68-Er-156



12

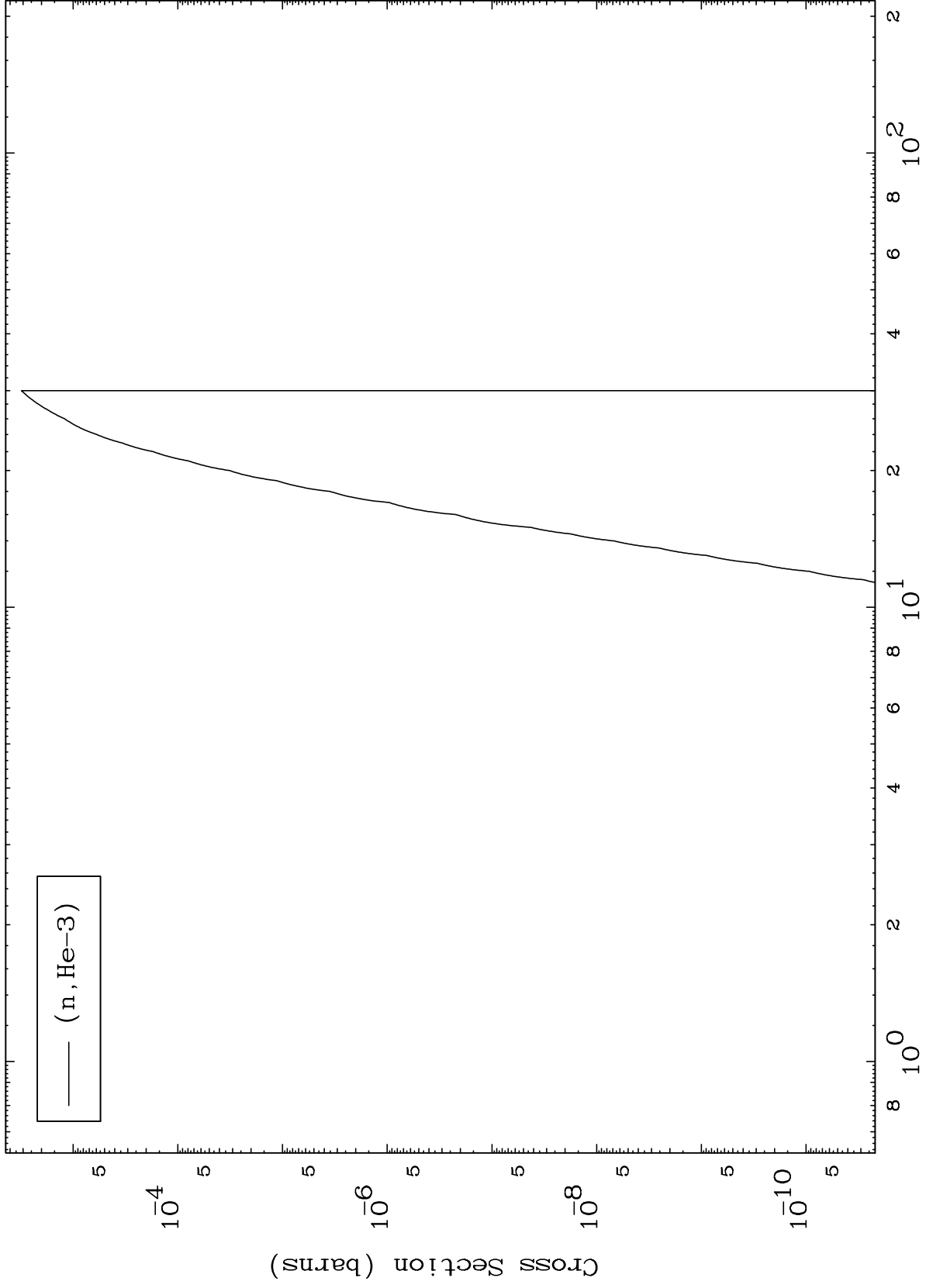
Incident Energy (MeV)

68-Er-156

MAT 6807

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-156



13

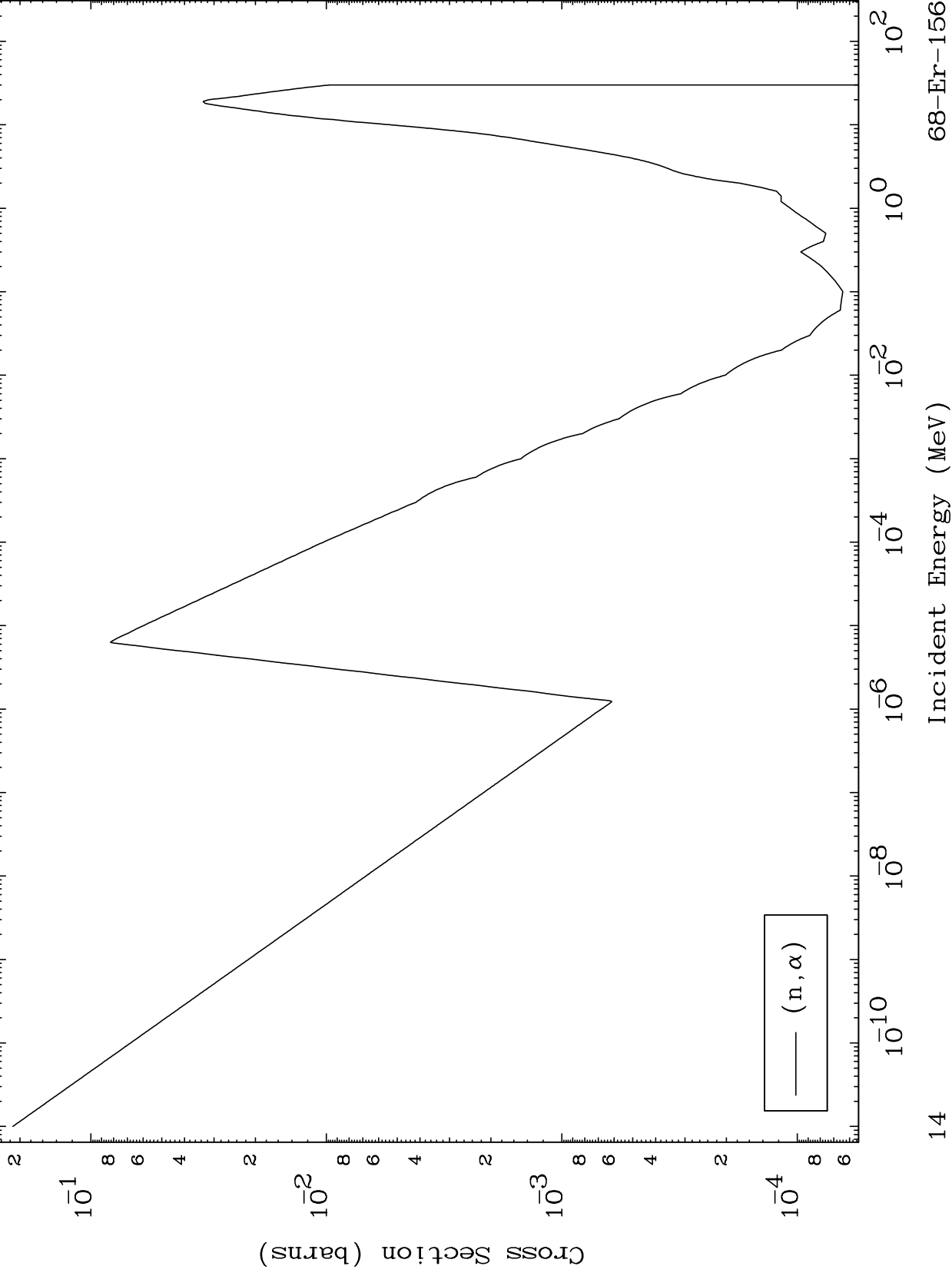
Incident Energy (MeV)

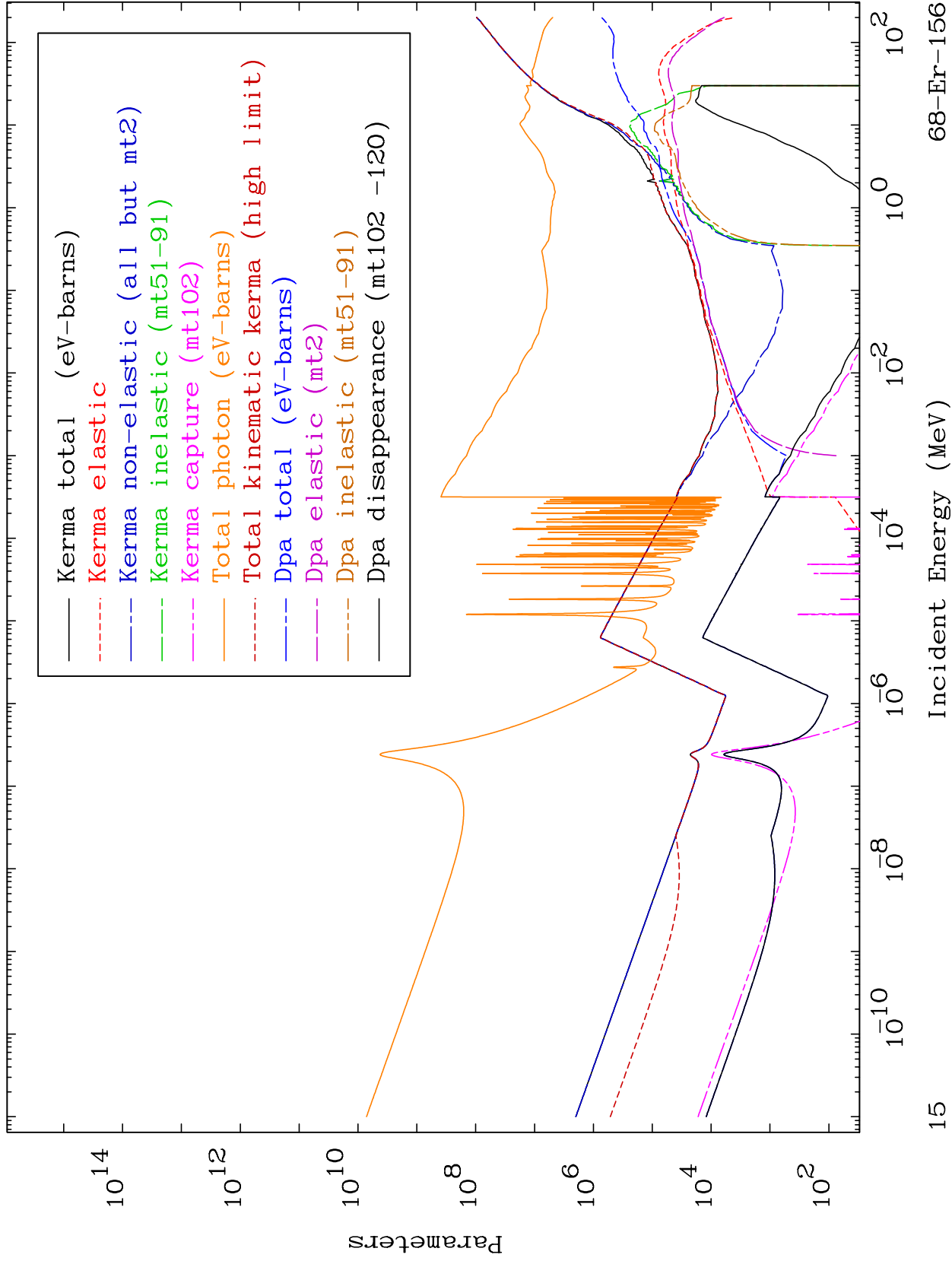
68-Er-156

MAT 6807

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

68-Er-156



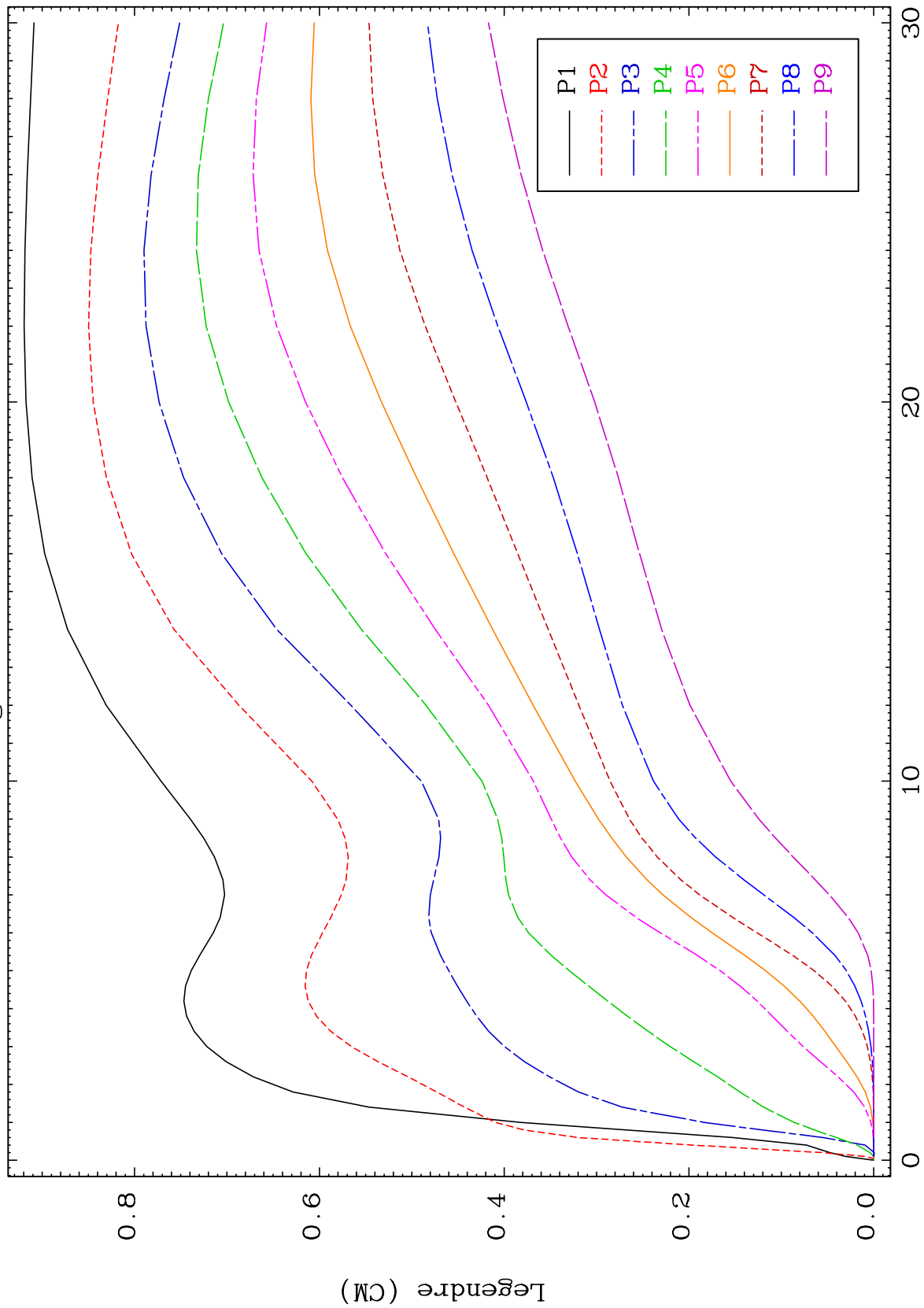




MAT 6807

Elastic Legendre Coefficients

68-Er-156



16

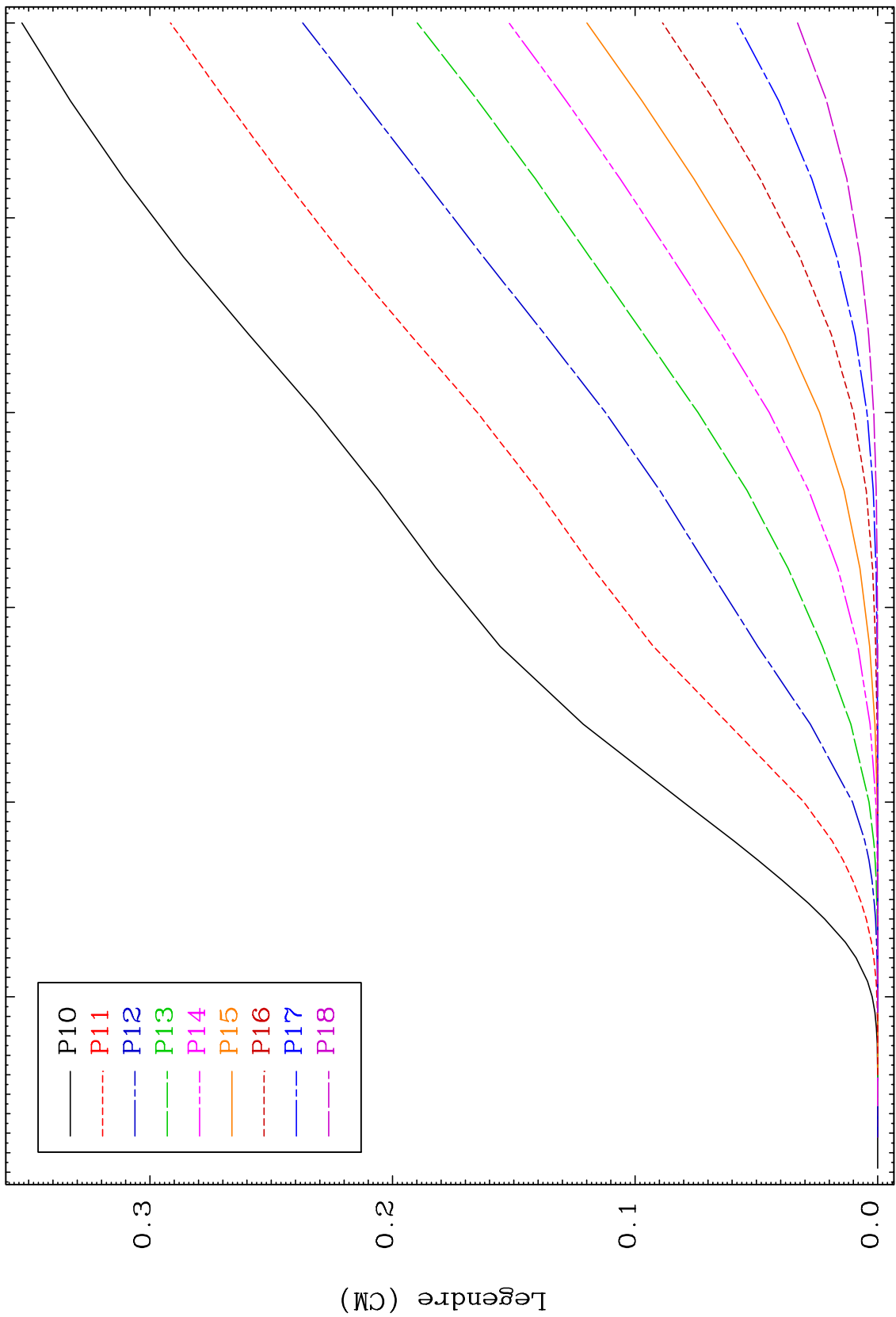
Incident Energy (MeV)

68-Er-156

MAT 6807

Elastic Legendre Coefficients

68-Er-156



17

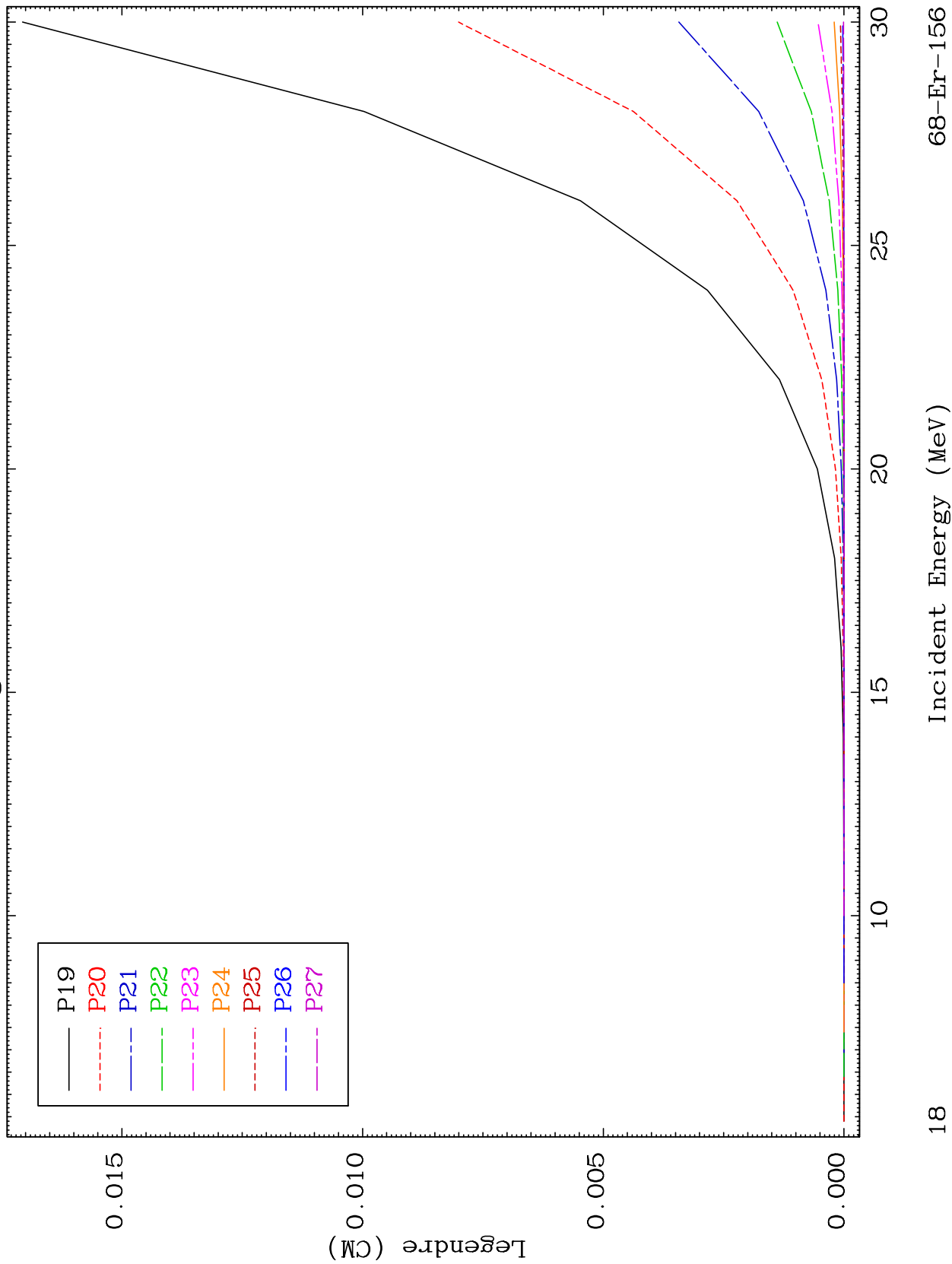
Incident Energy (MeV)

68-Er-156

MAT 6807

### Elastic Legendre Coefficients

68-Er-156



18

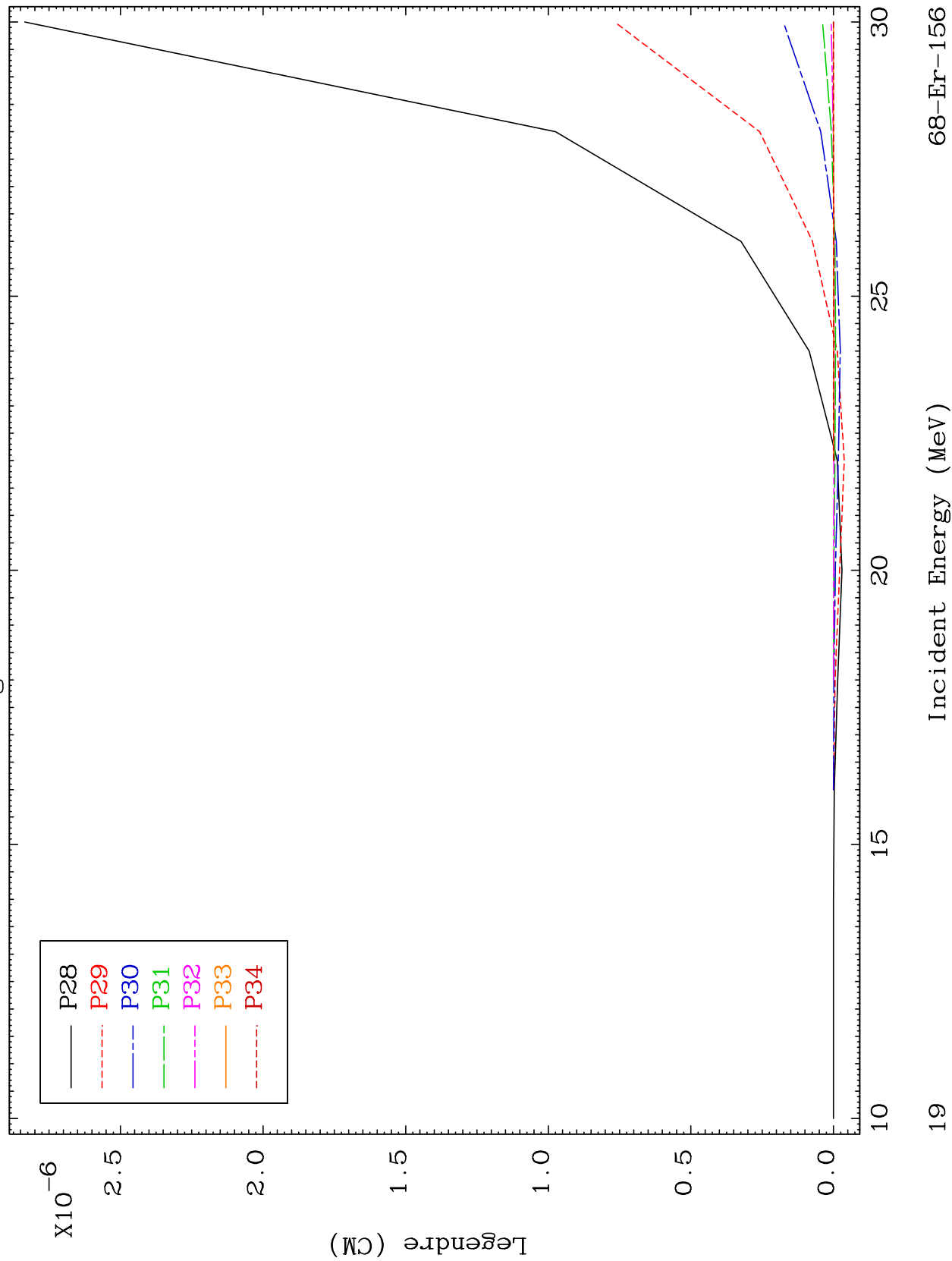
Incident Energy (MeV)

68-Er-156

MAT 6807

Elastic Legendre Coefficients

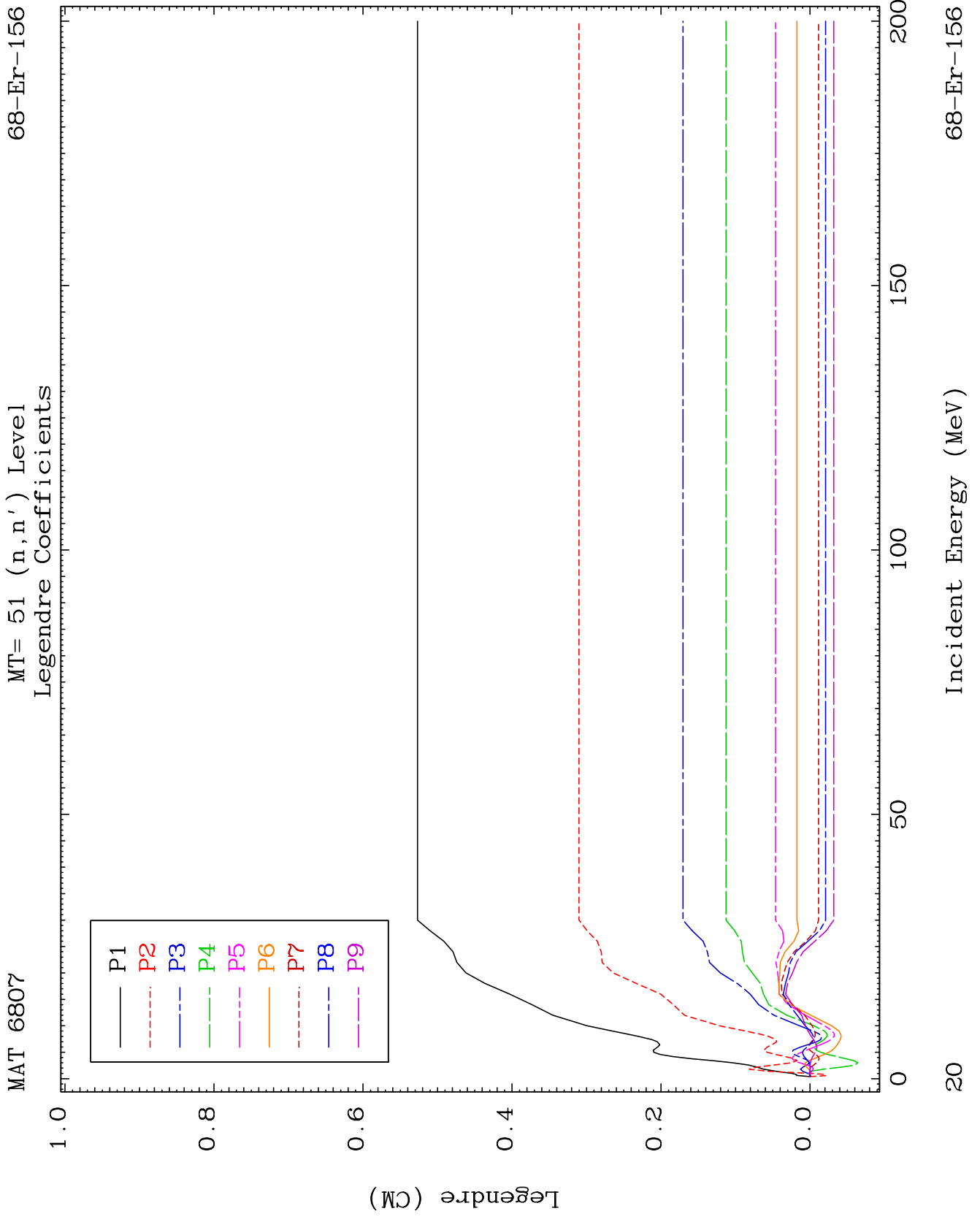
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19

Incident Energy (MeV)

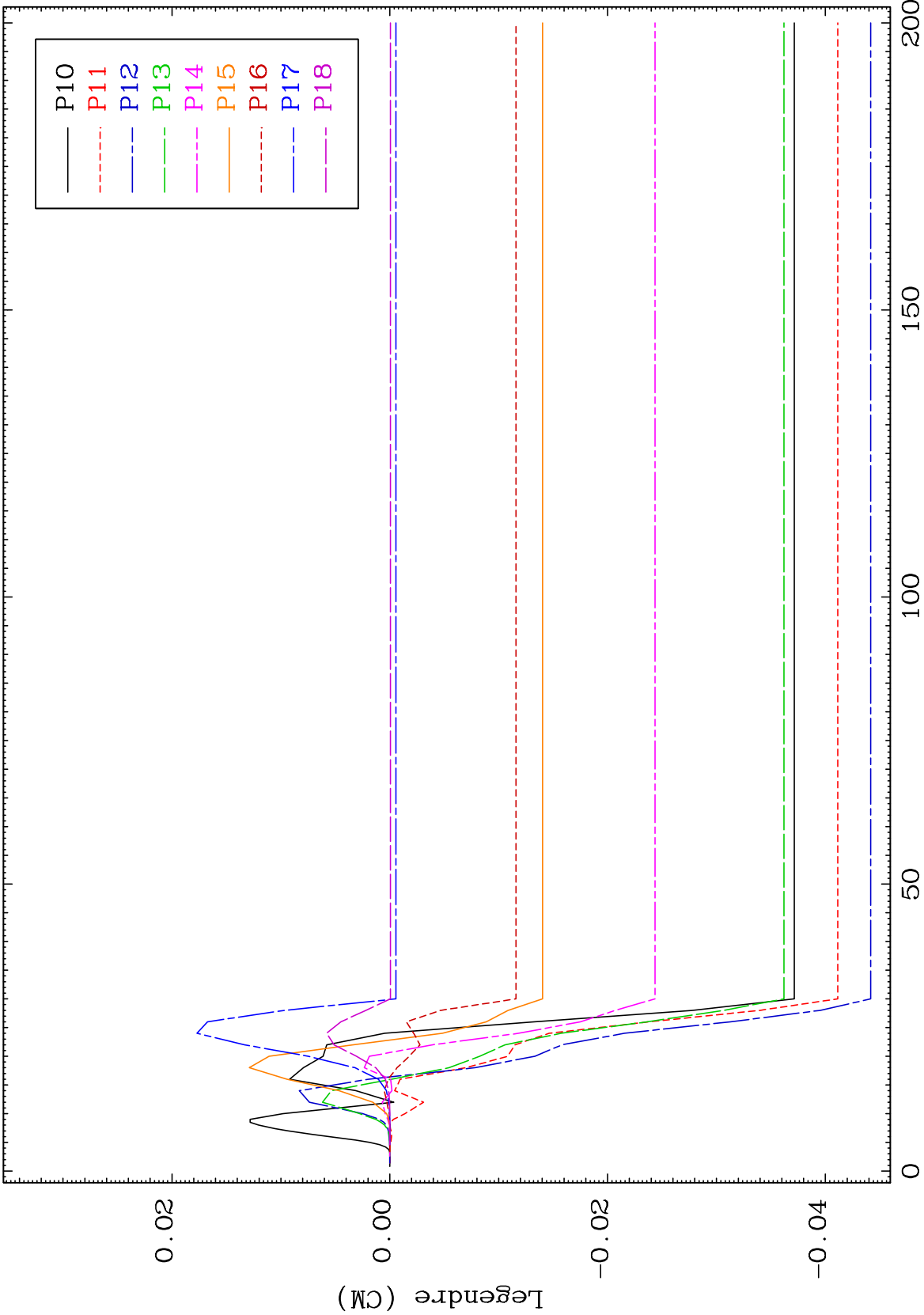
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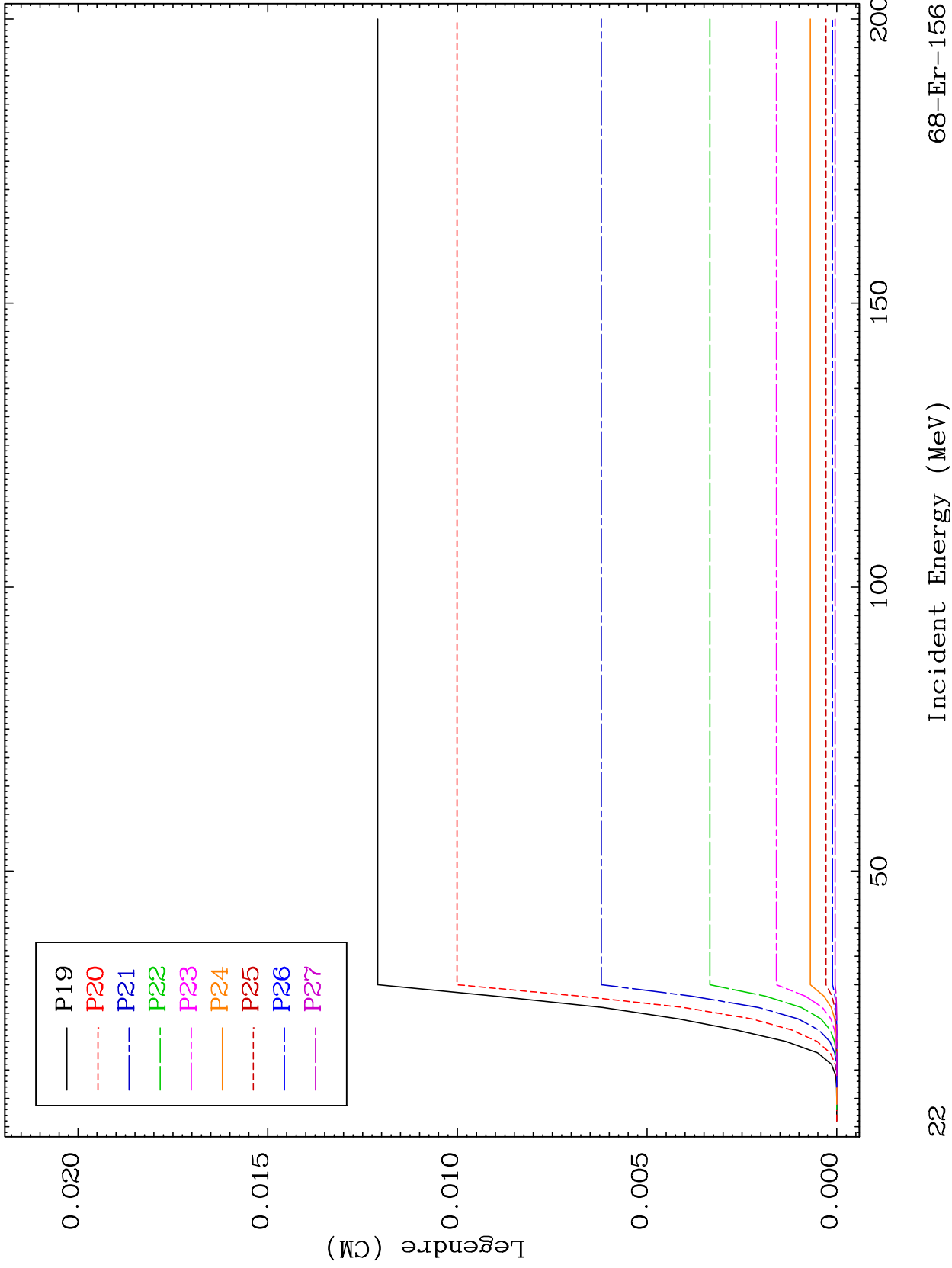


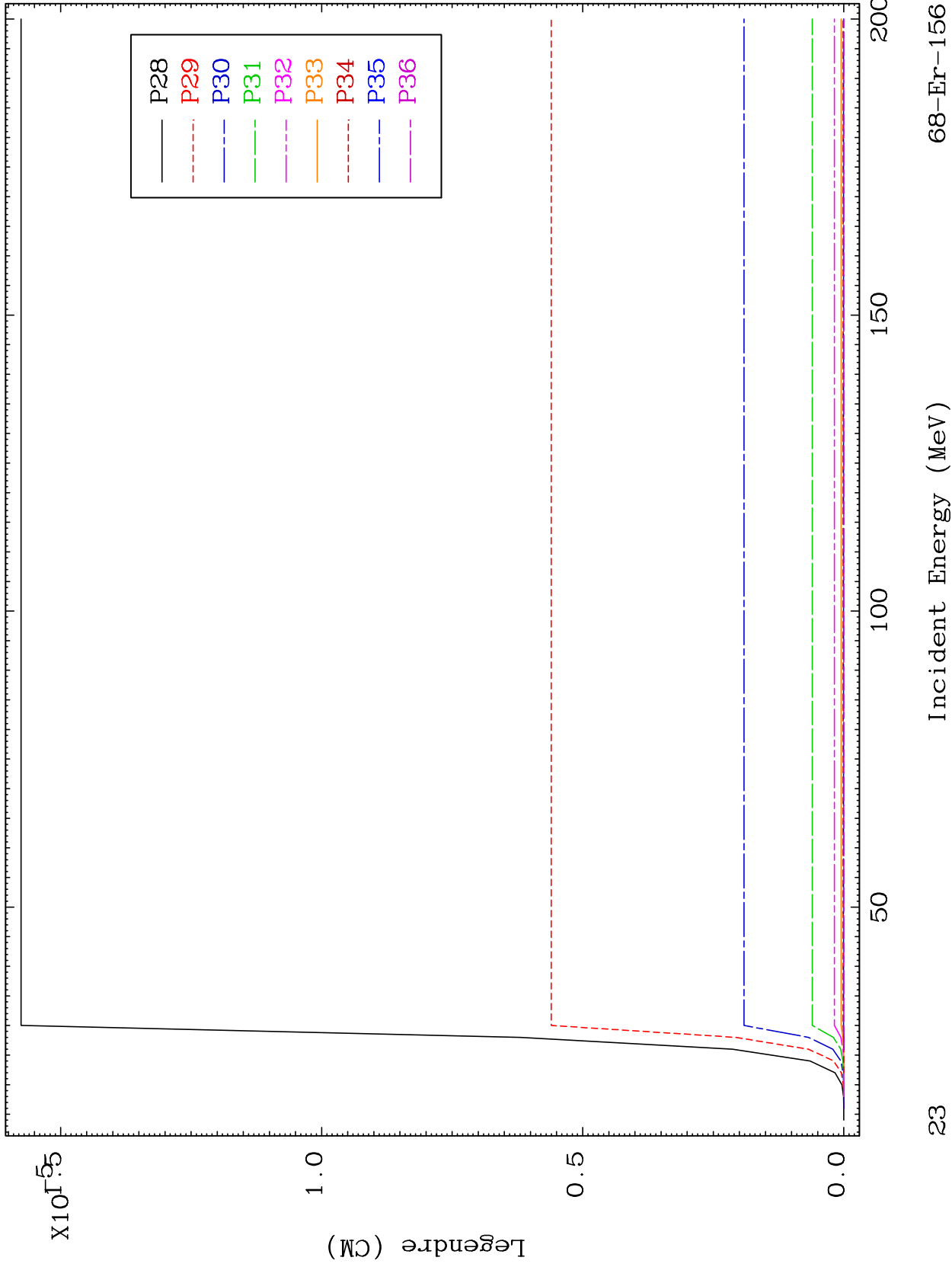
MAT 6807

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

68-Er-156





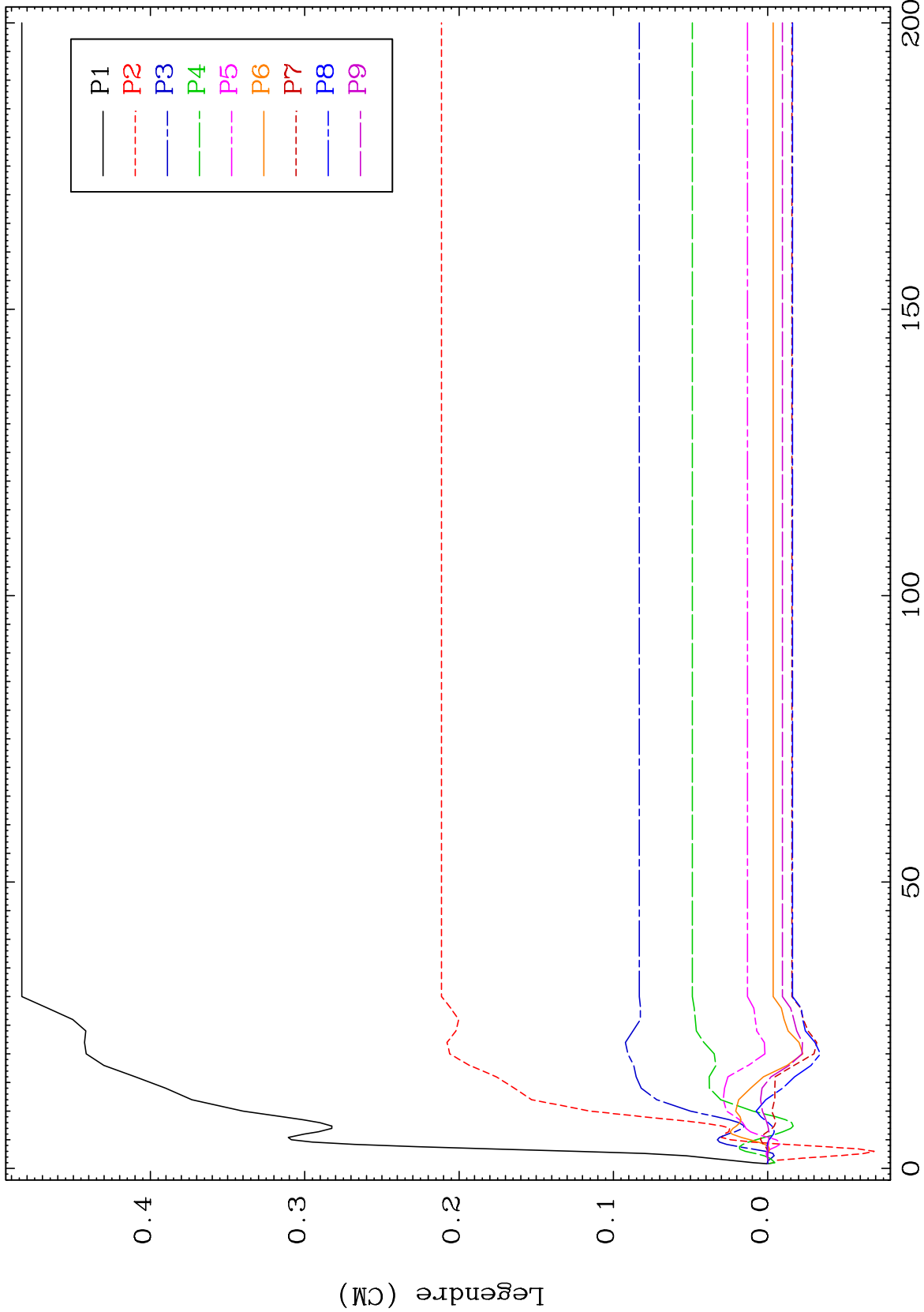




MAT 6807

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

68-Er-156



24

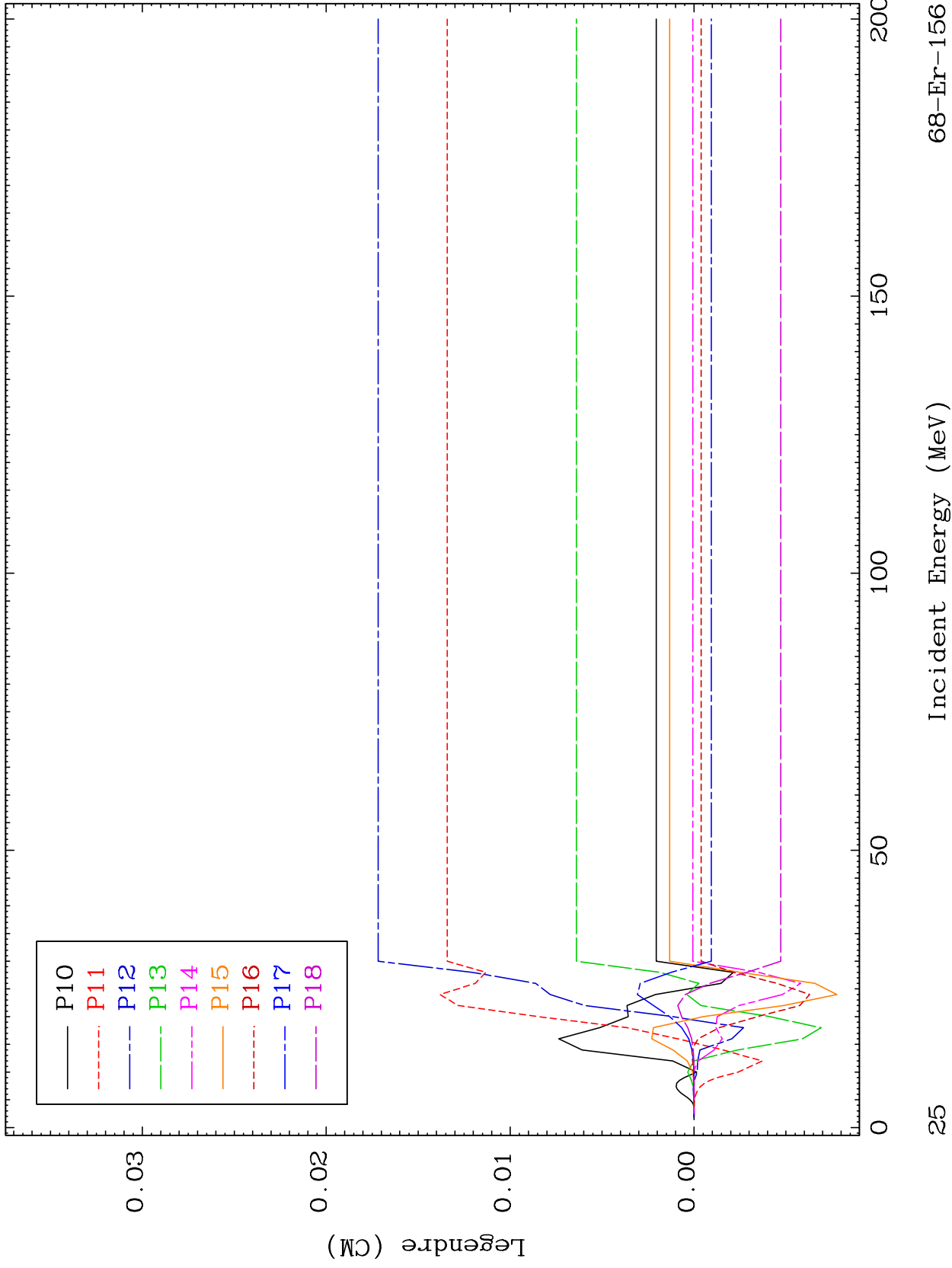
Incident Energy (MeV)

68-Er-156

MAT 6807

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

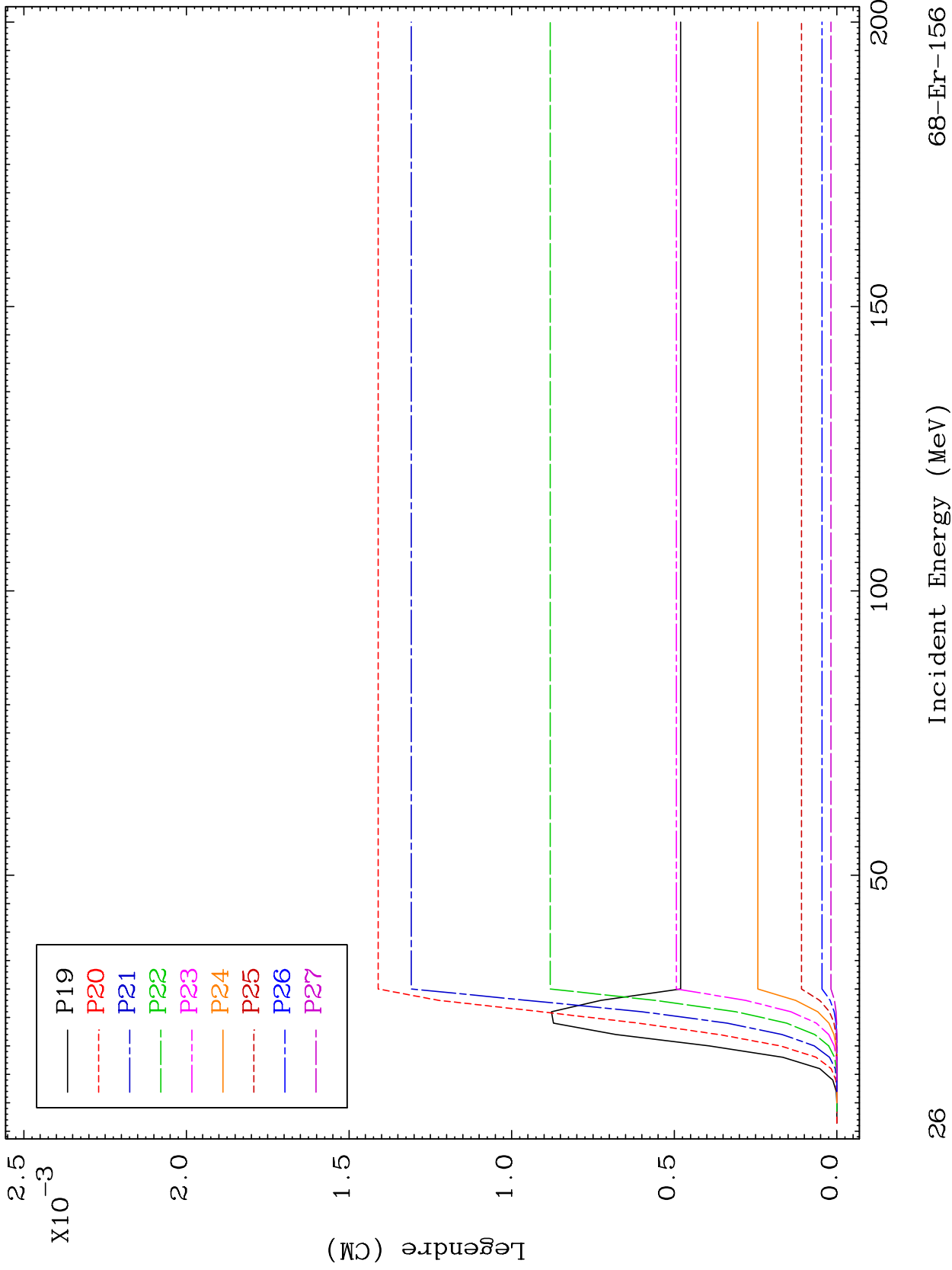
68-Er-156



68-Er-156

Incident Energy (MeV)

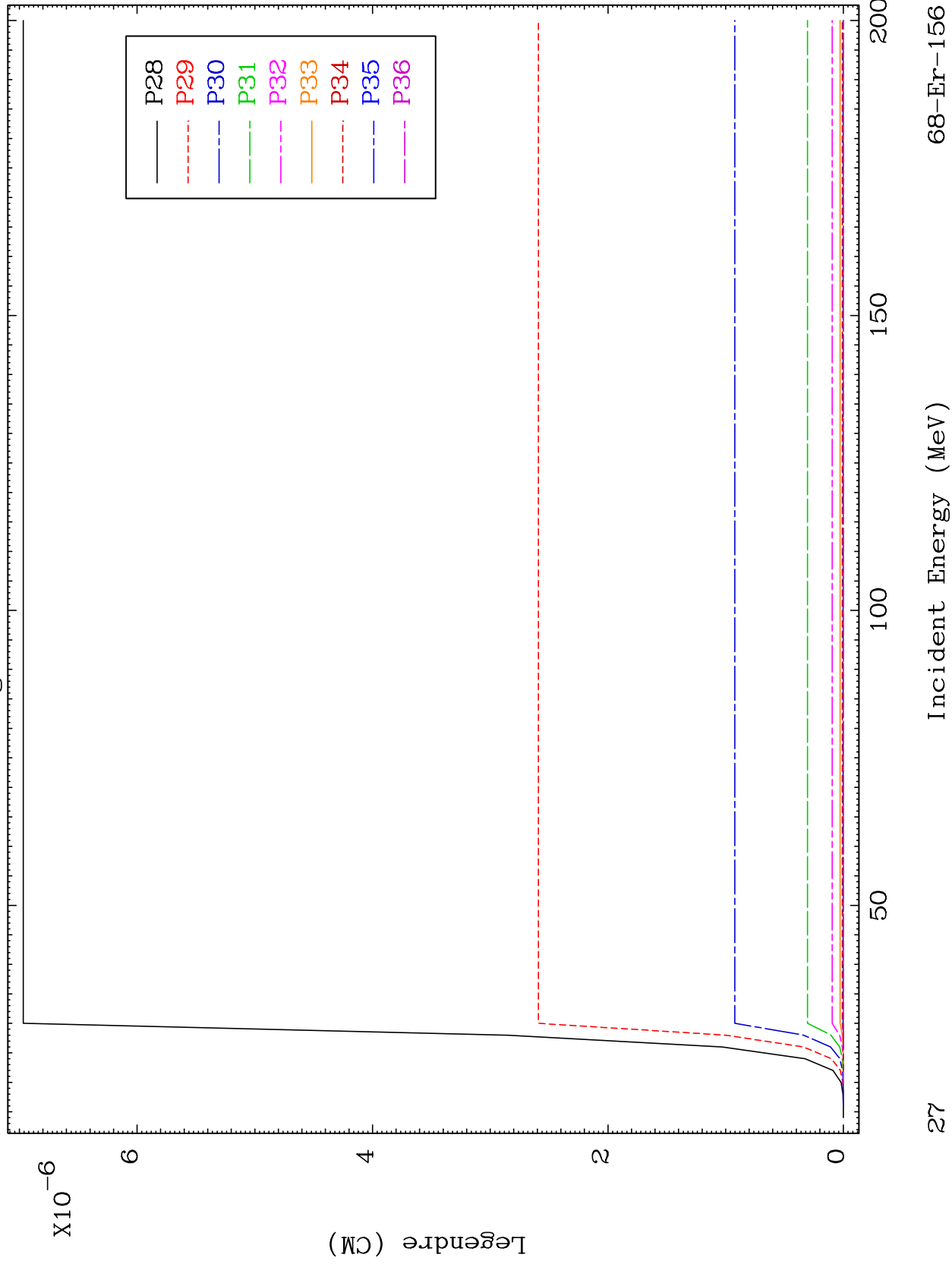
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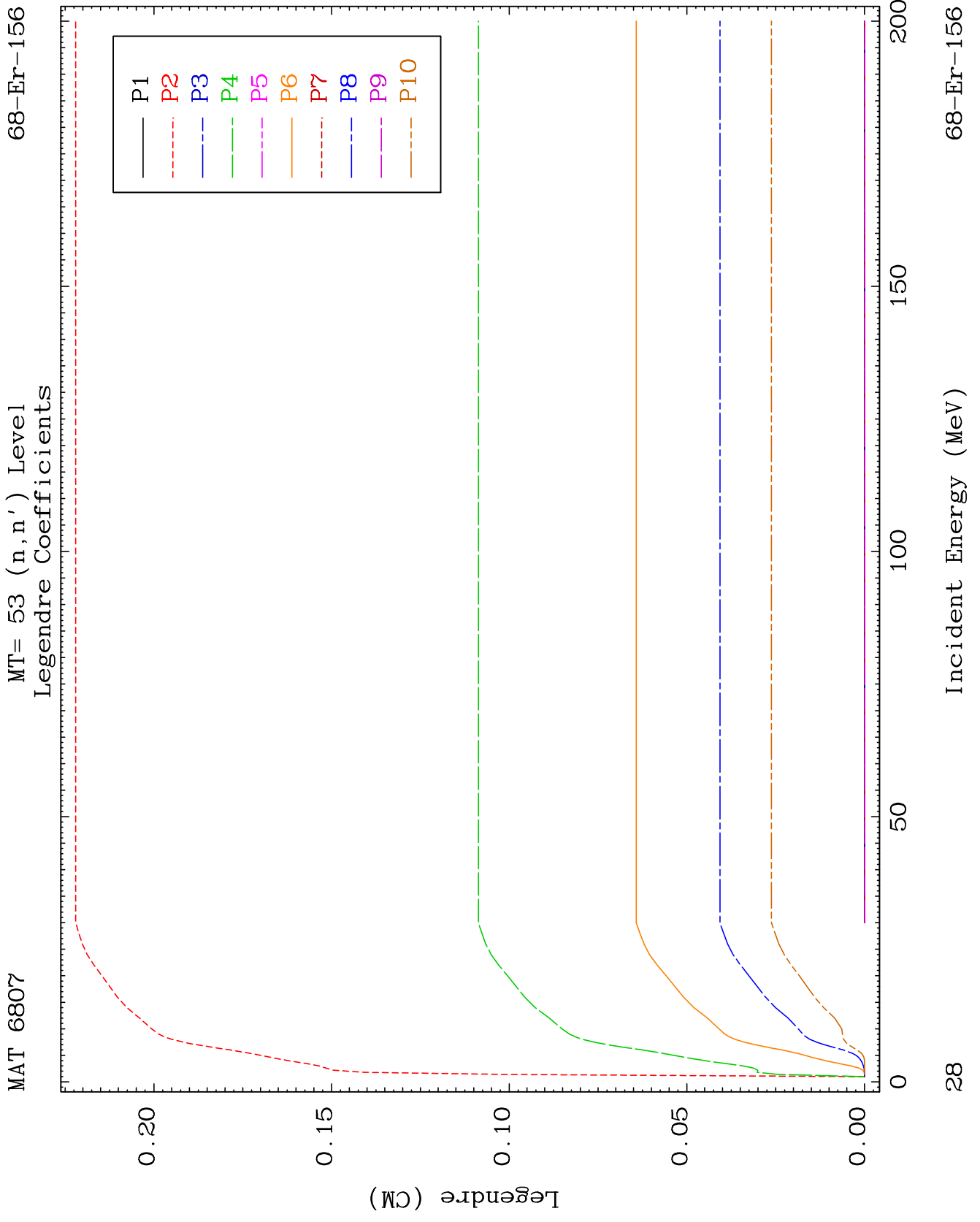


MAT 6807

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

68-Er-156

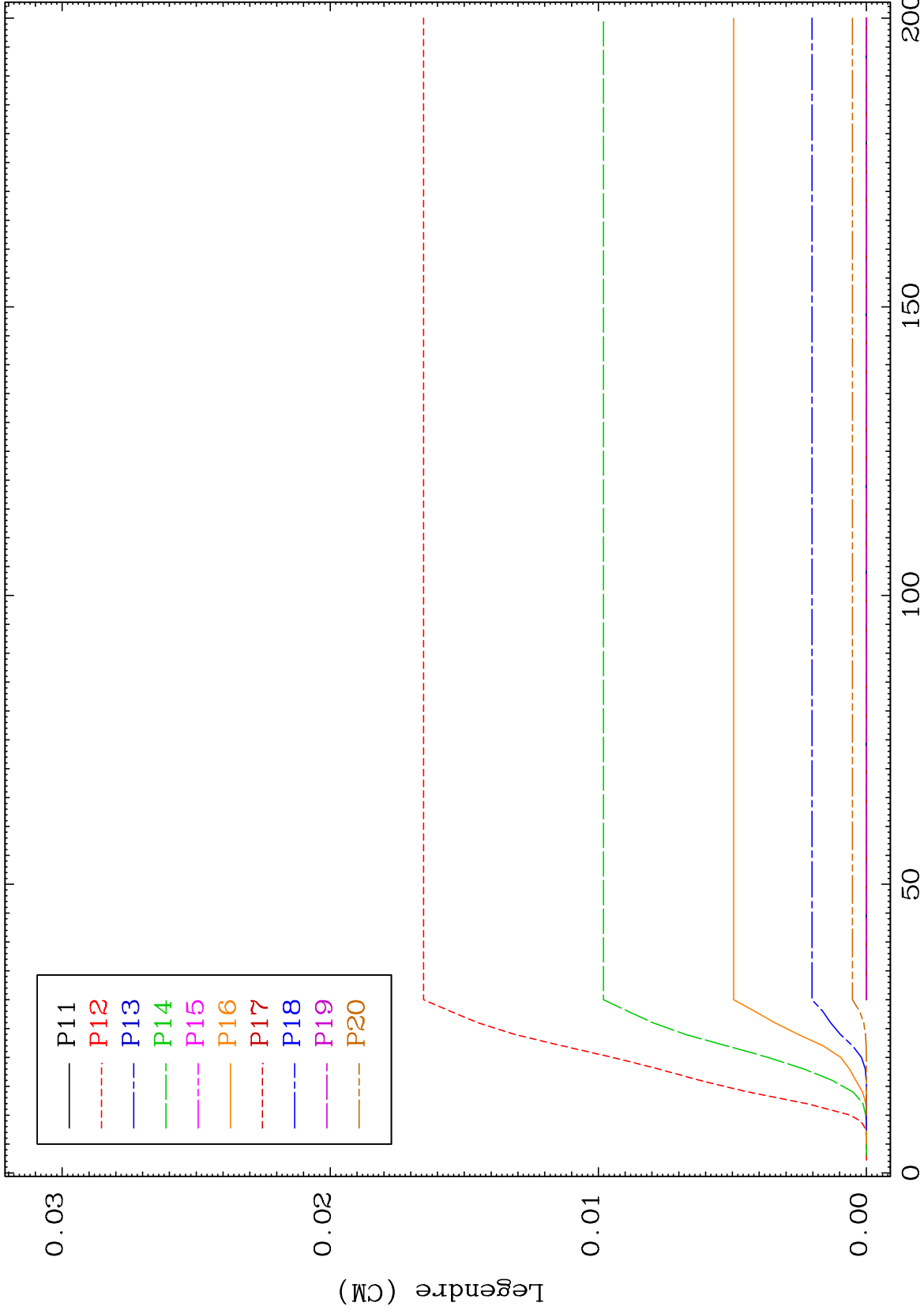




MAT 6807

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

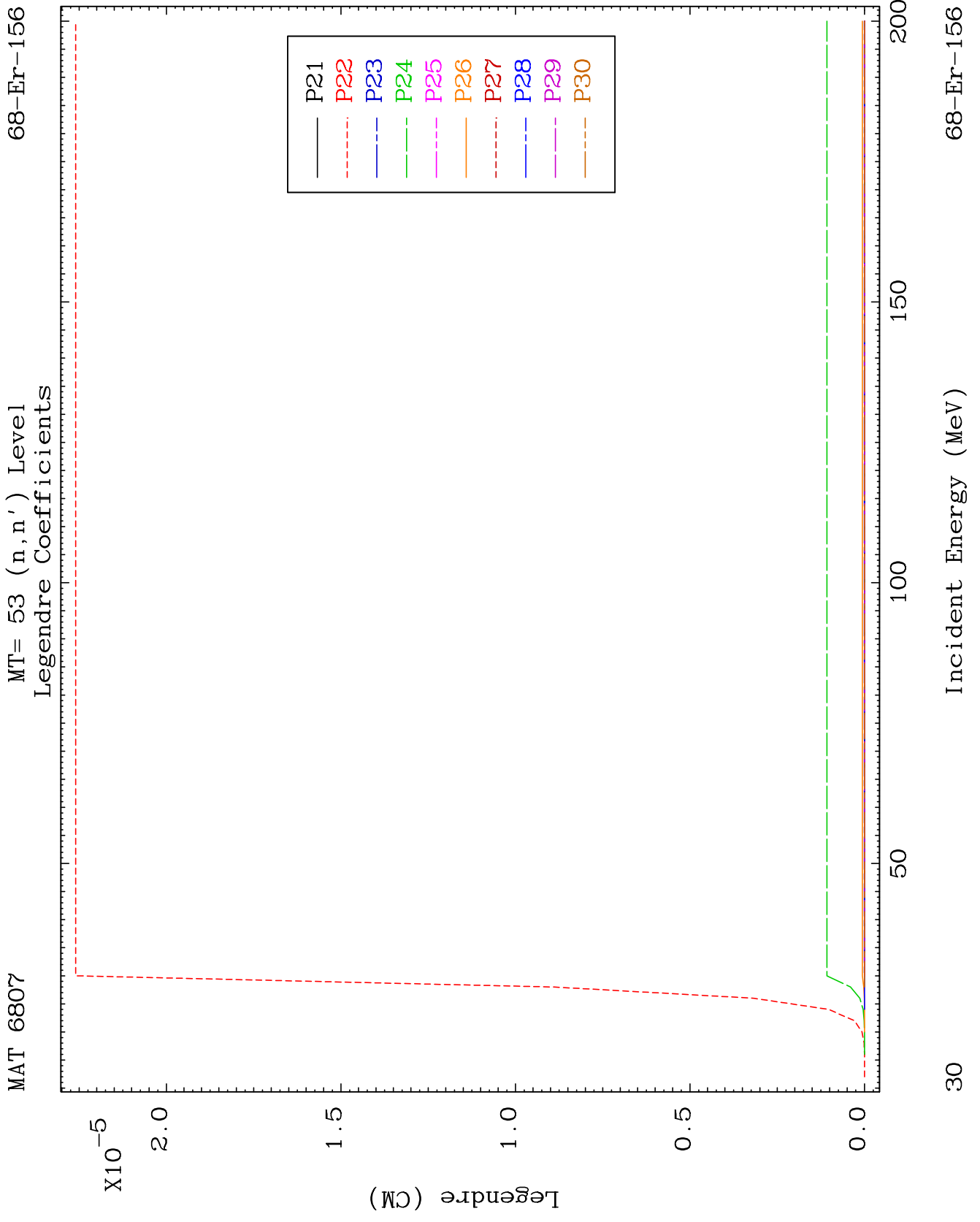
68-Er-156



29

Incident Energy (MeV)

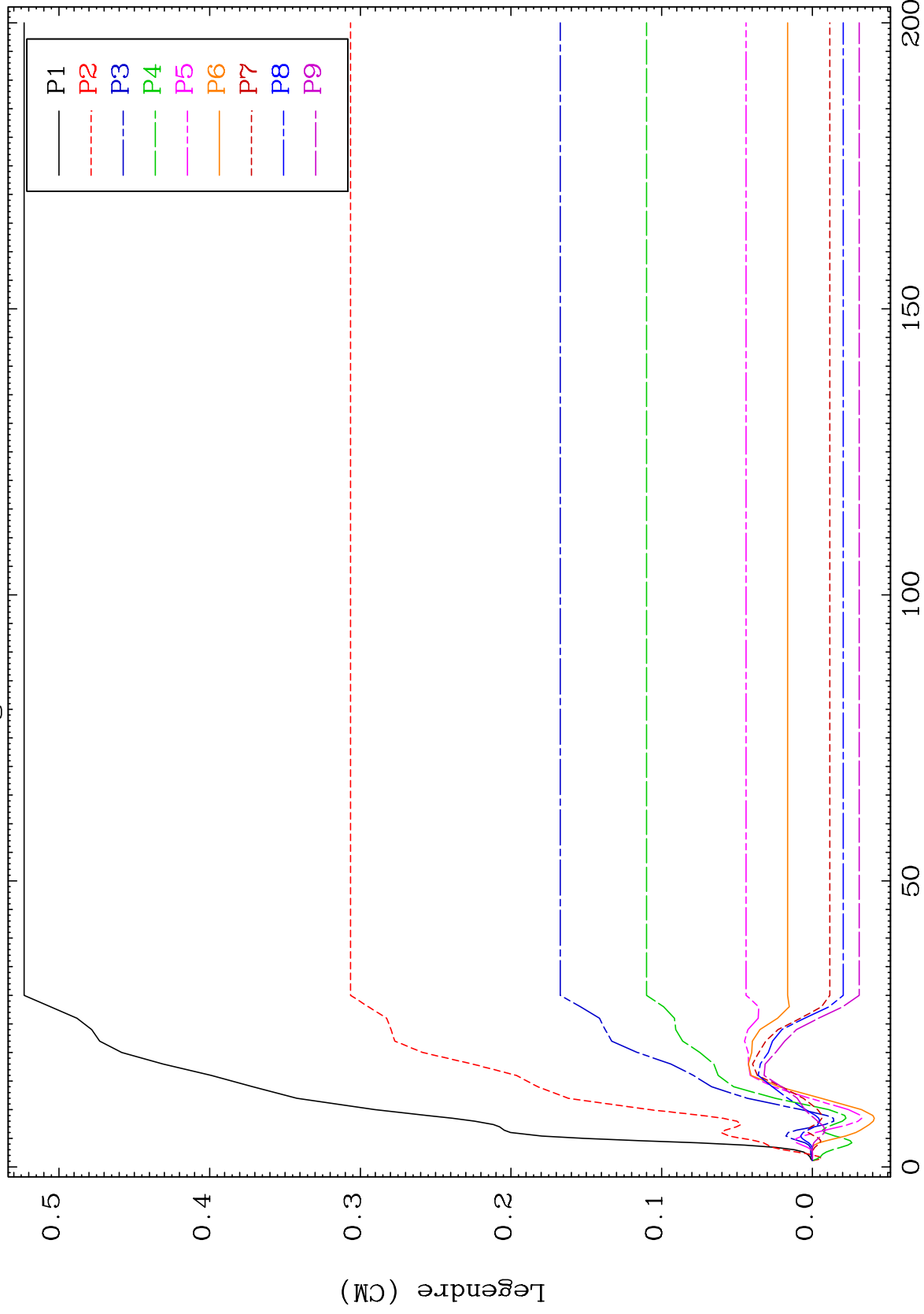
68-Er-156



MAT 6807

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

68-Er-156



31

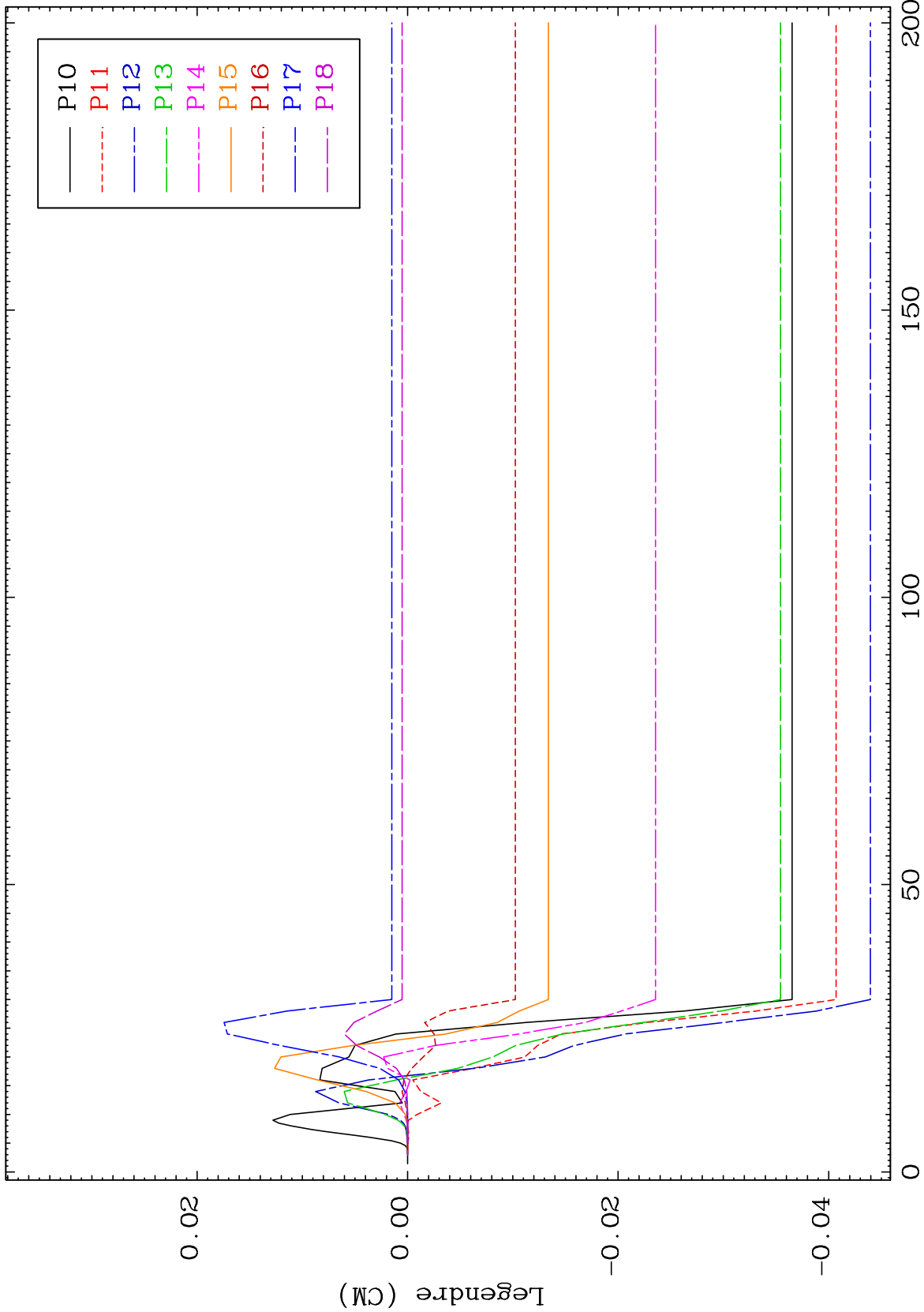
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MAT 6807

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

68-Er-156



32

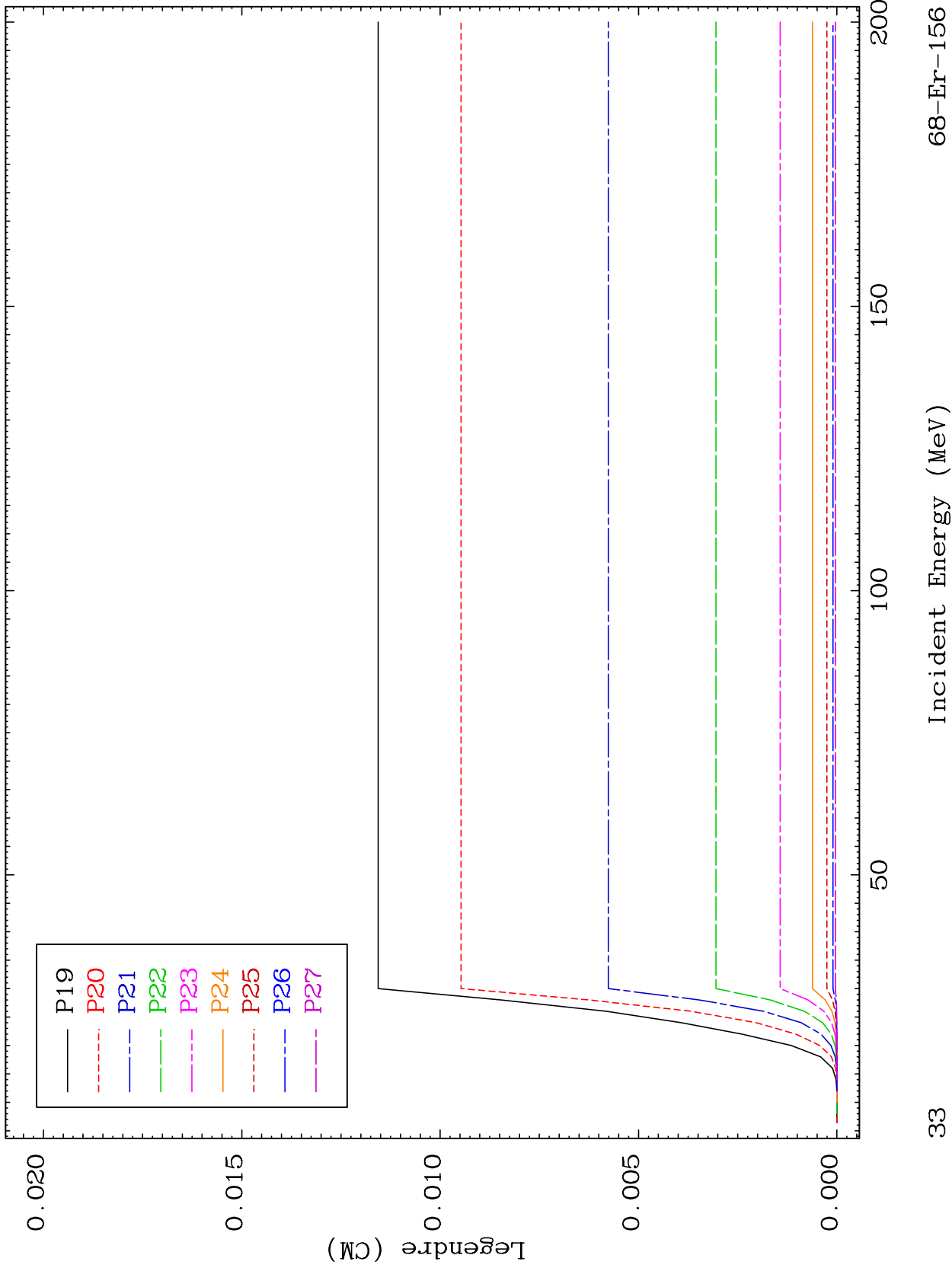
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



33

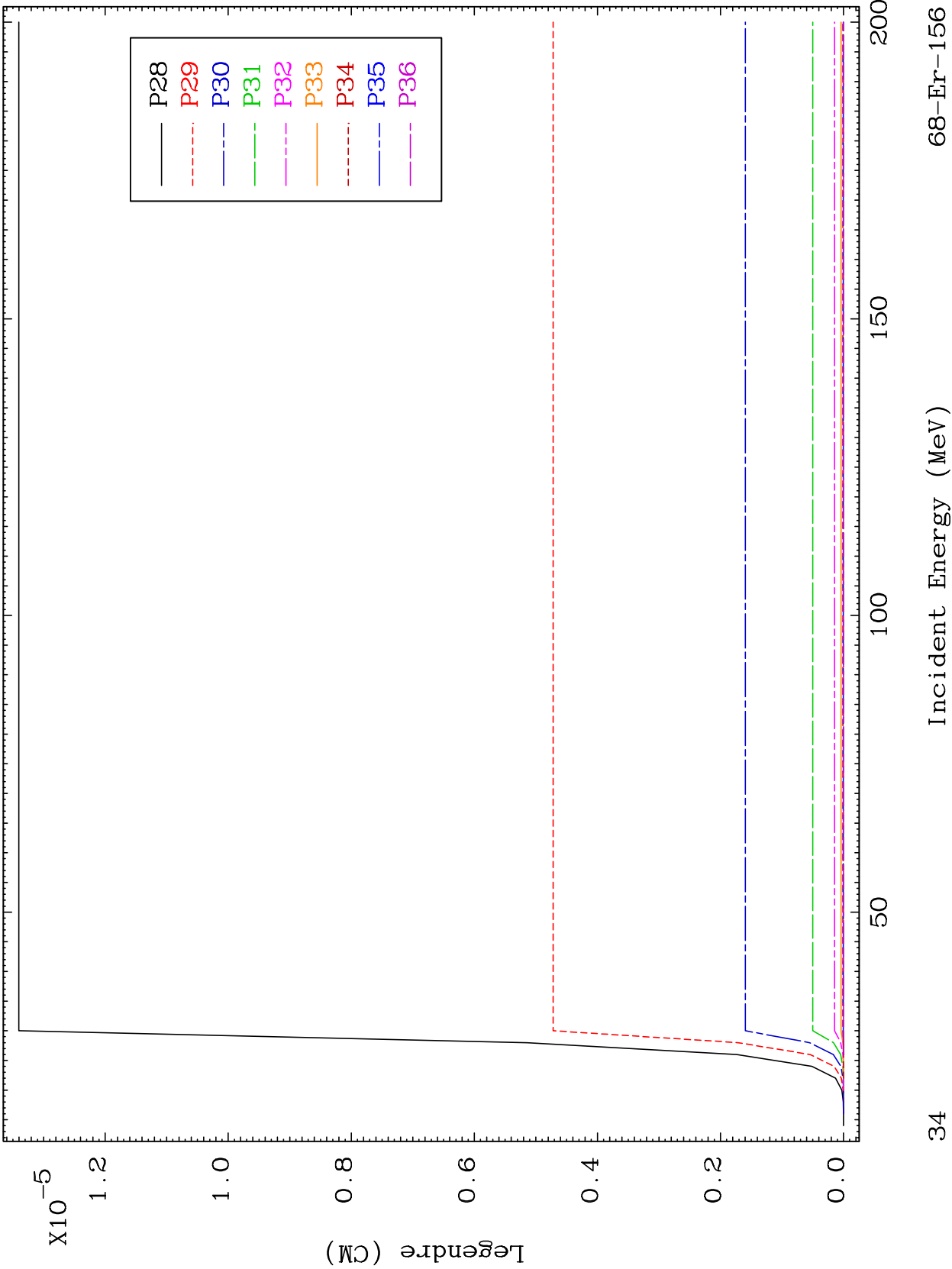
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156

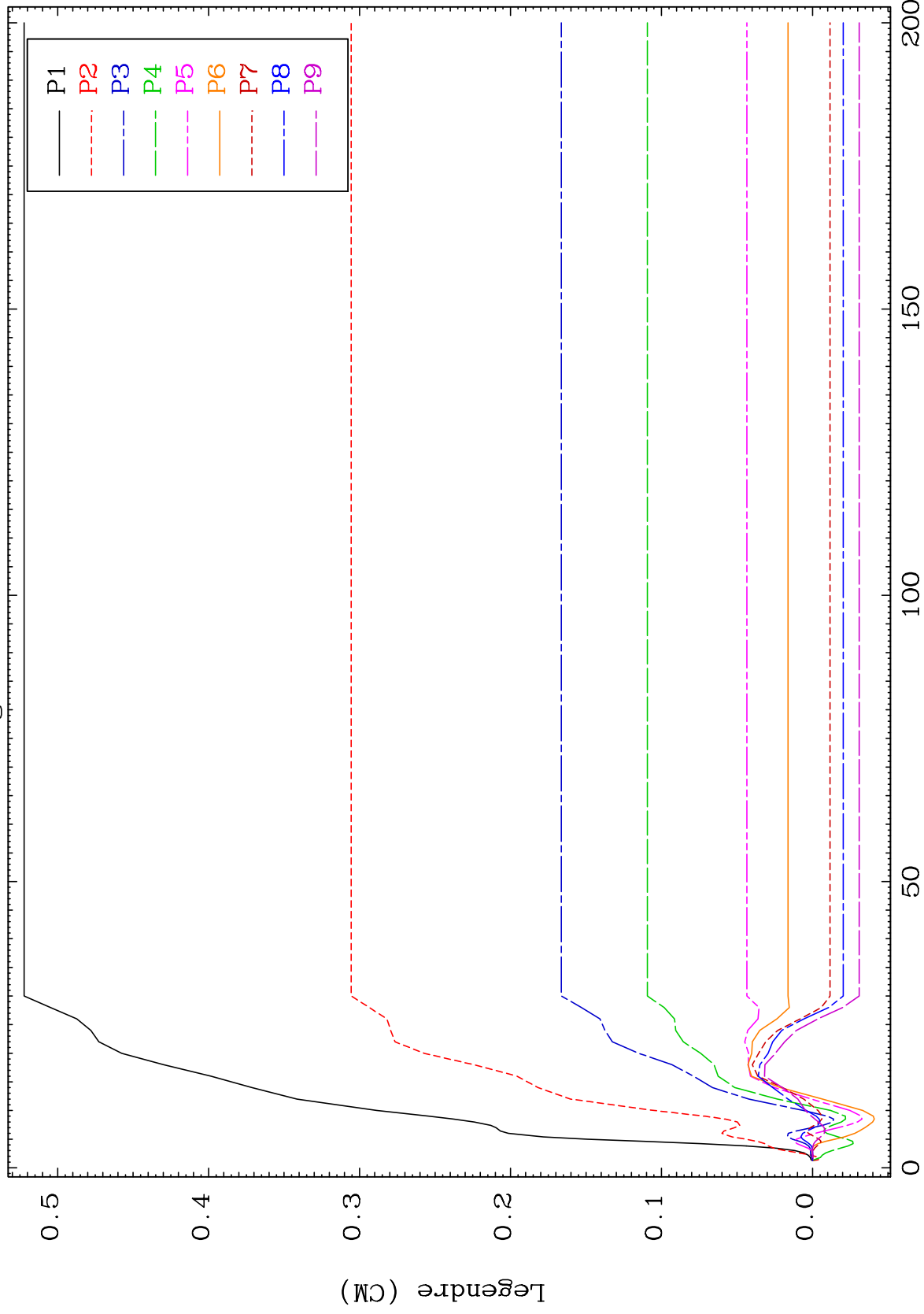


34

MAT 6807

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

68-Er-156



35

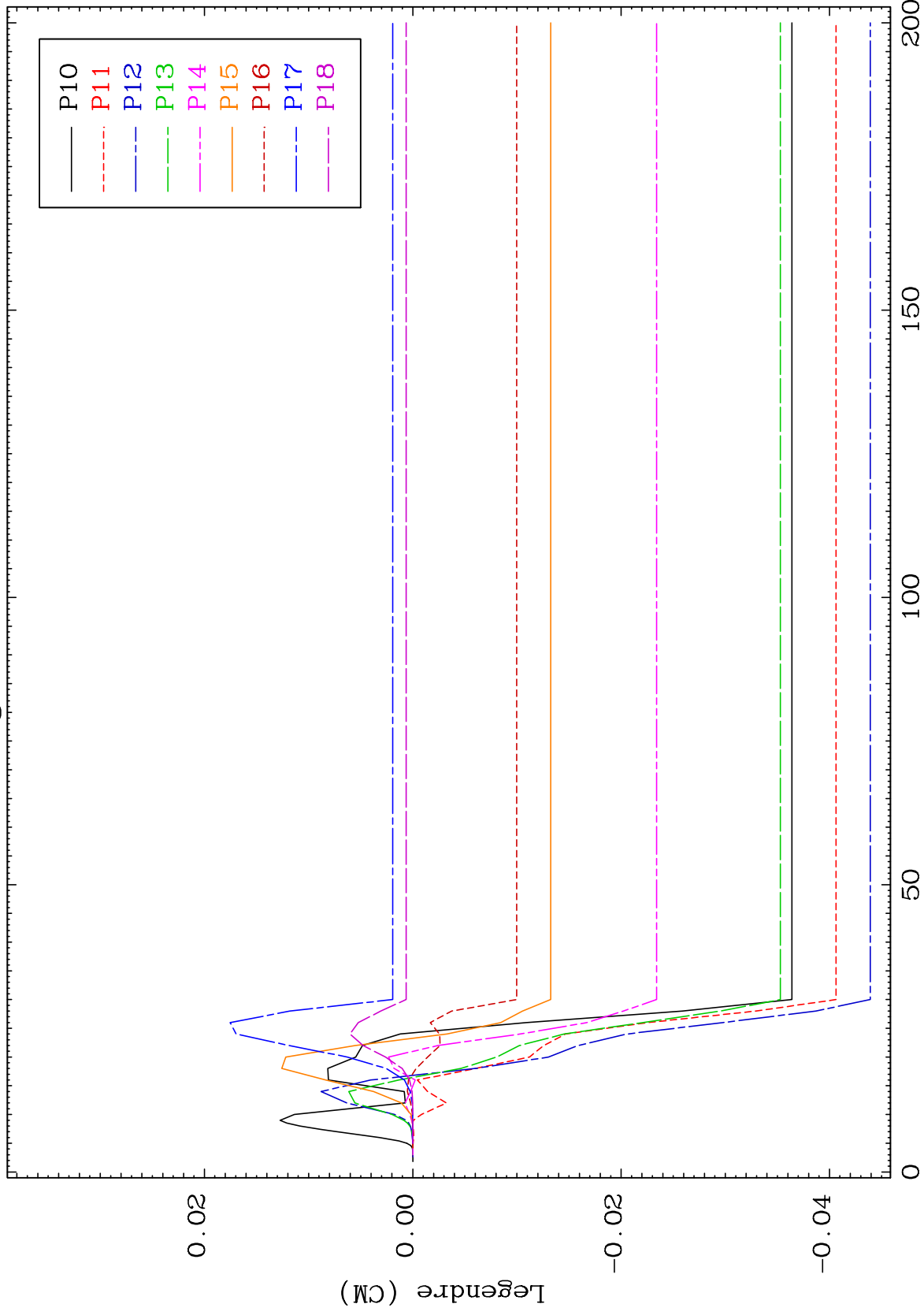
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



36

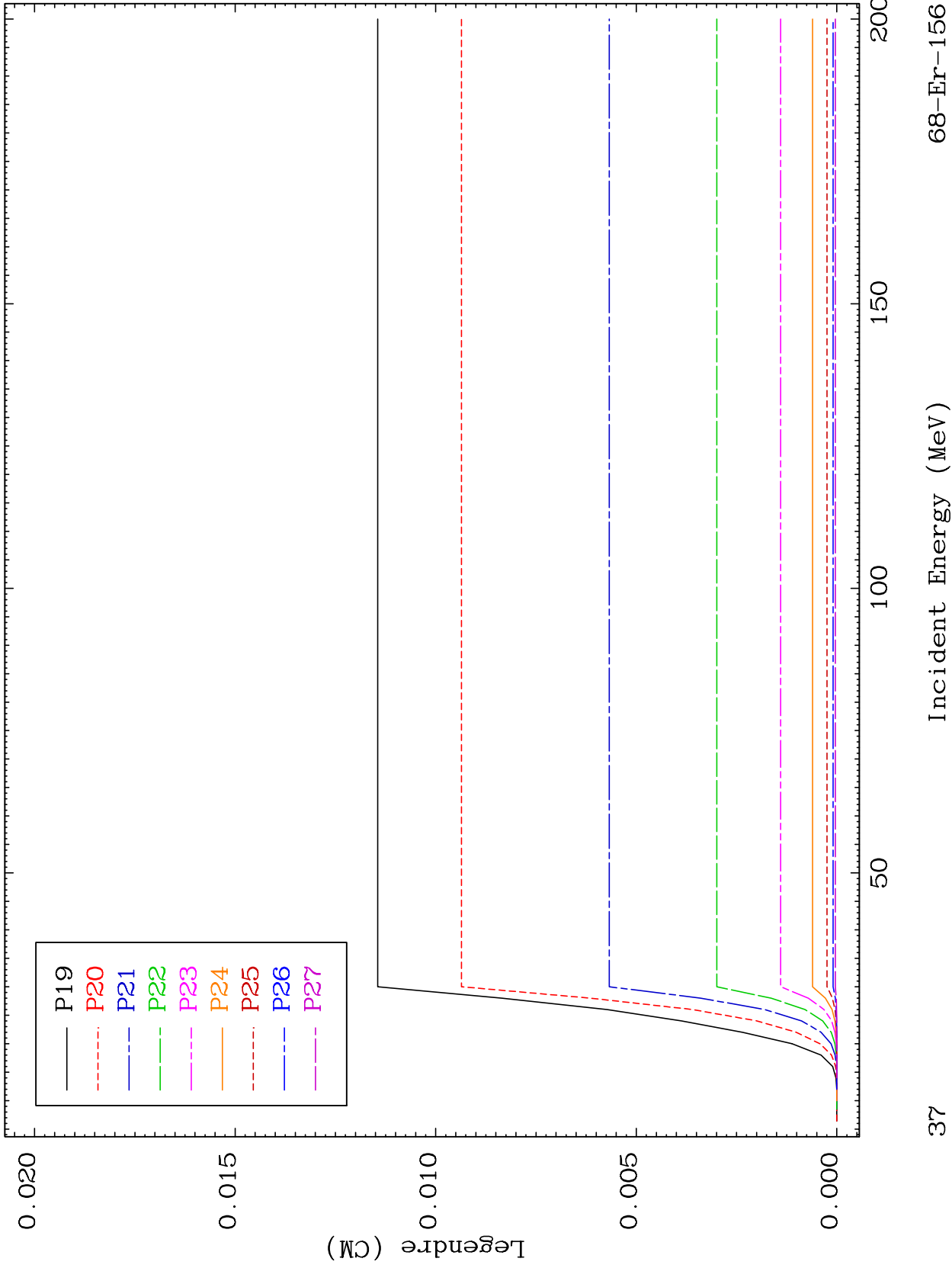
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



37

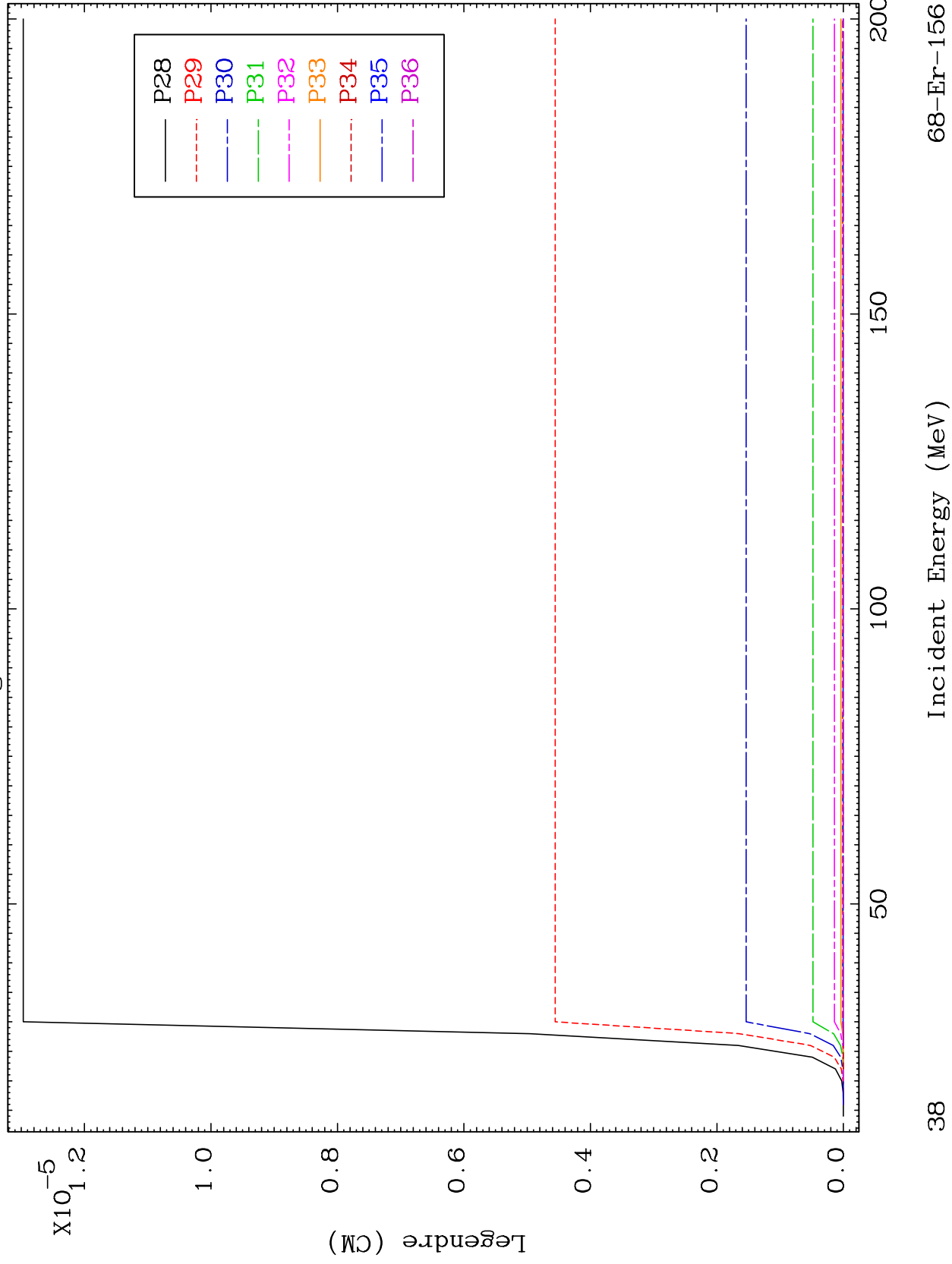
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



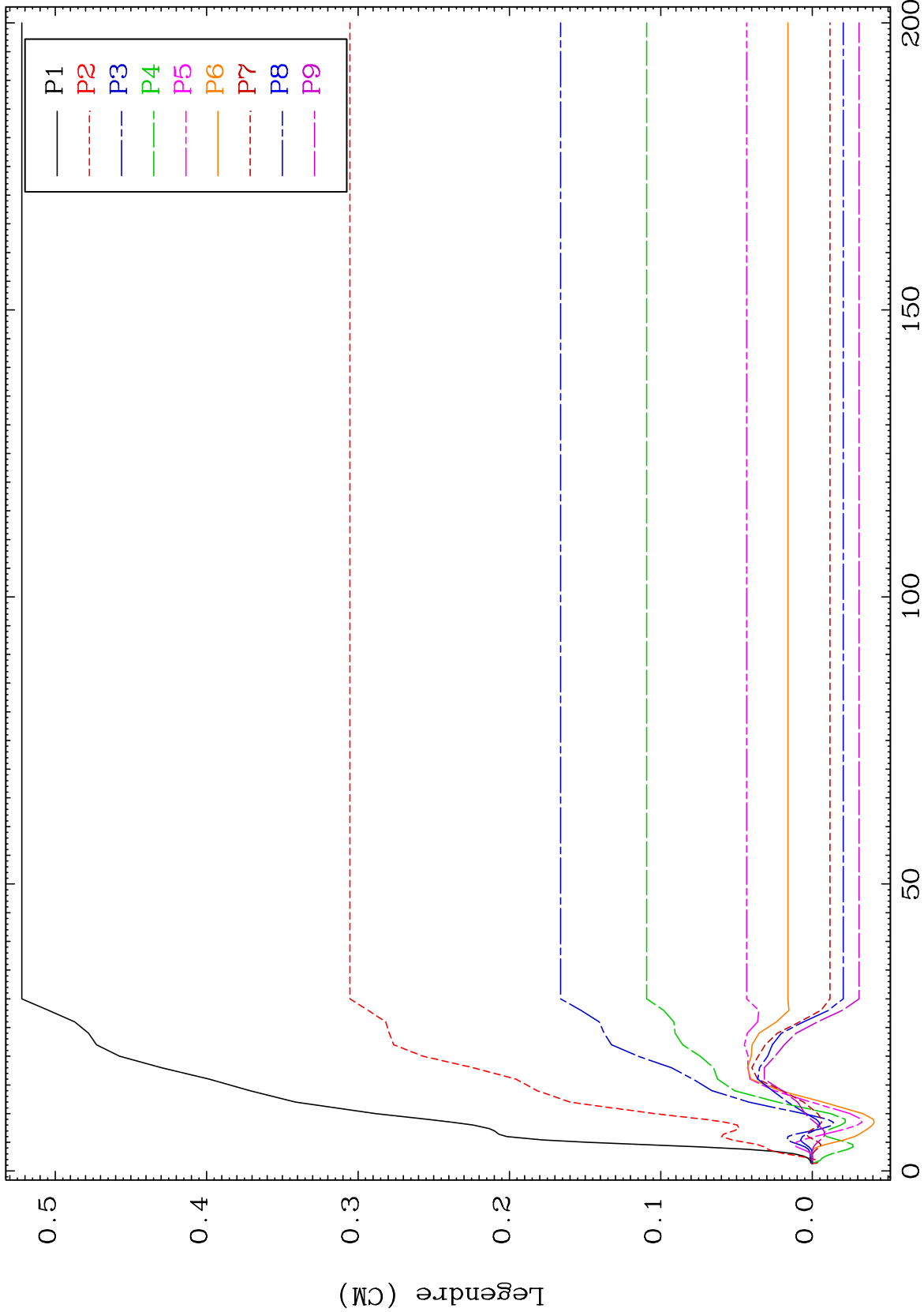
38

68-Er-156

MAT 6807

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

68-Er-156



39

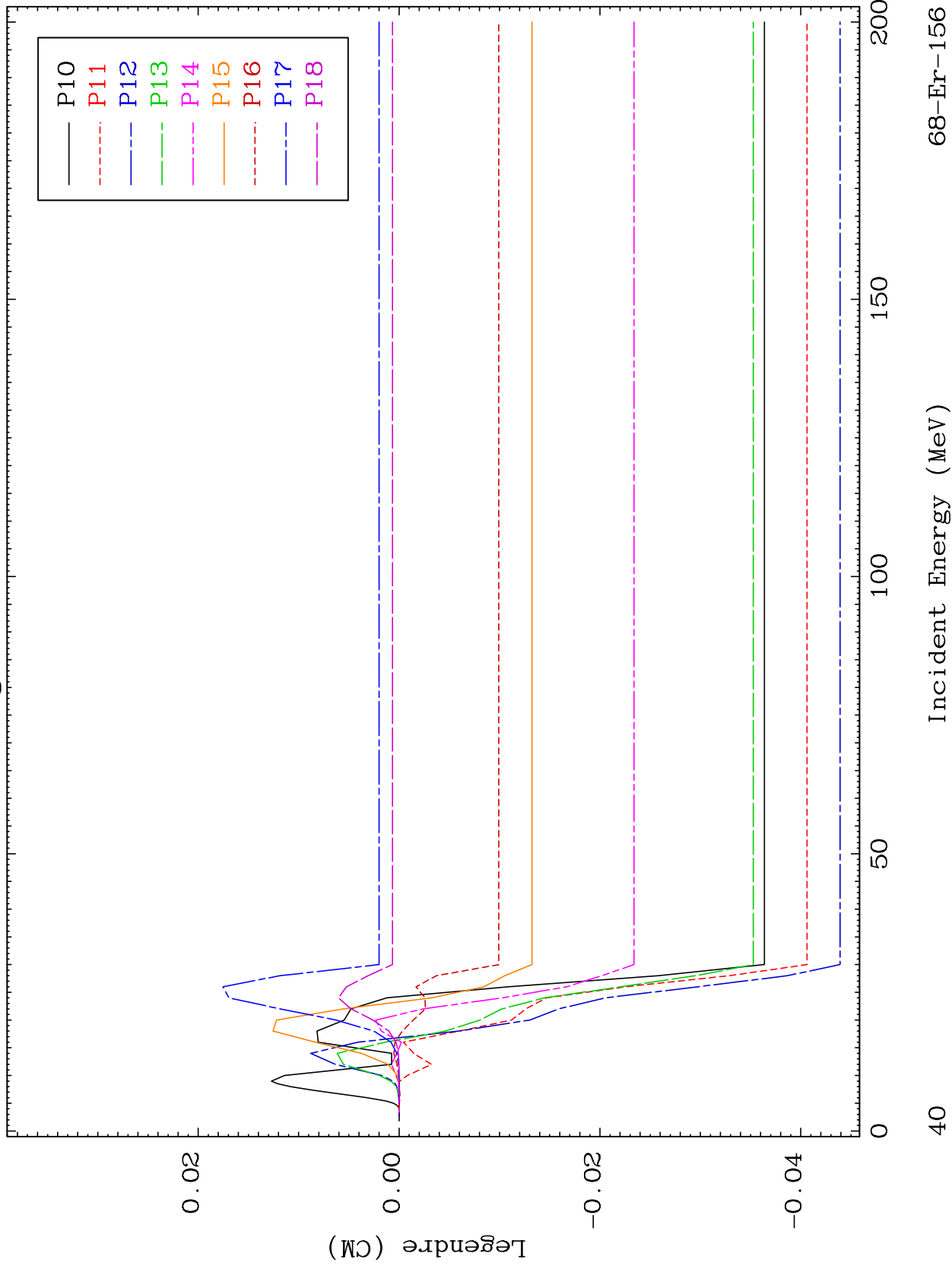
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MAT 6807

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

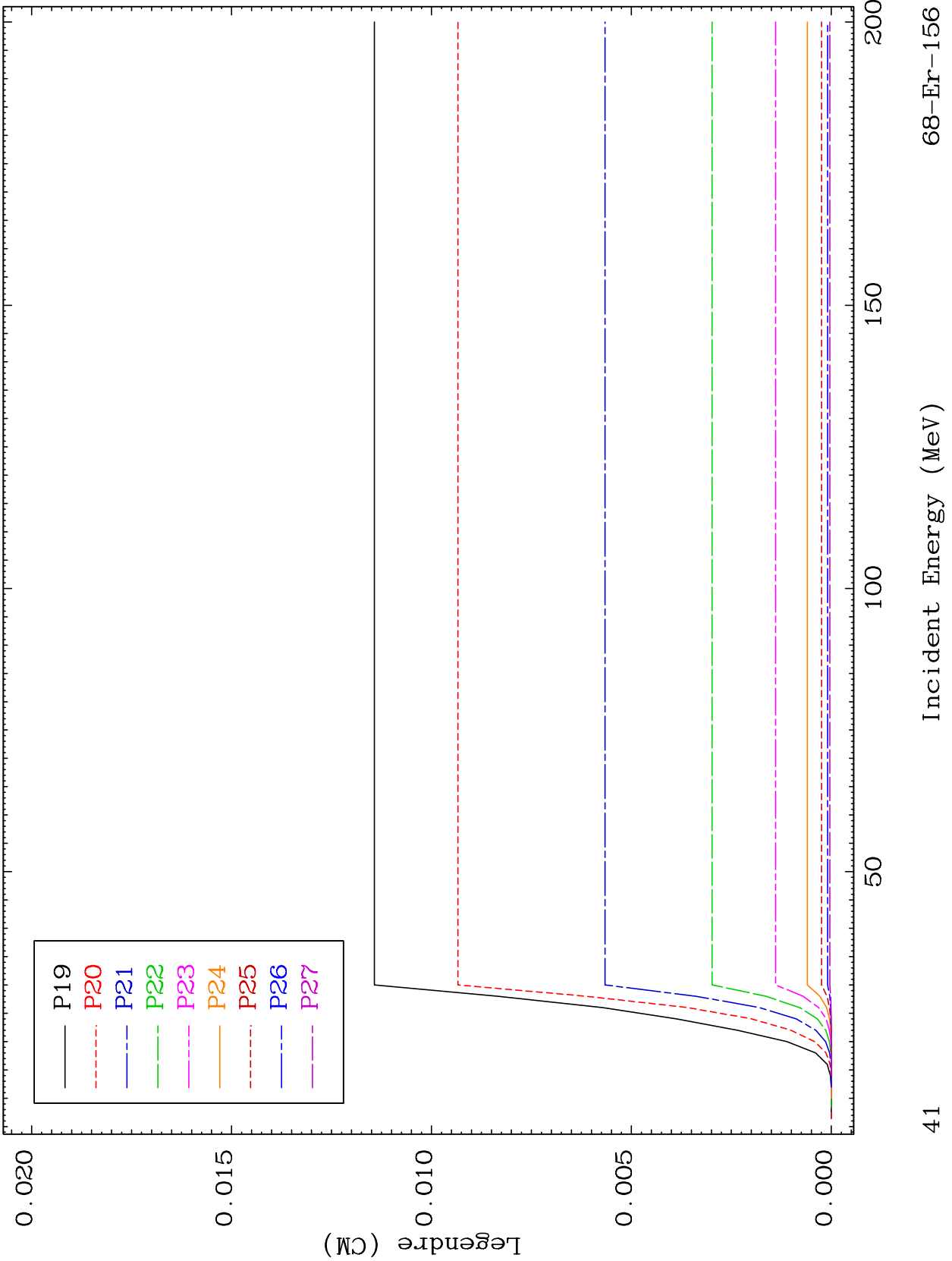
68-Er-156



68-Er-156

Incident Energy (MeV)

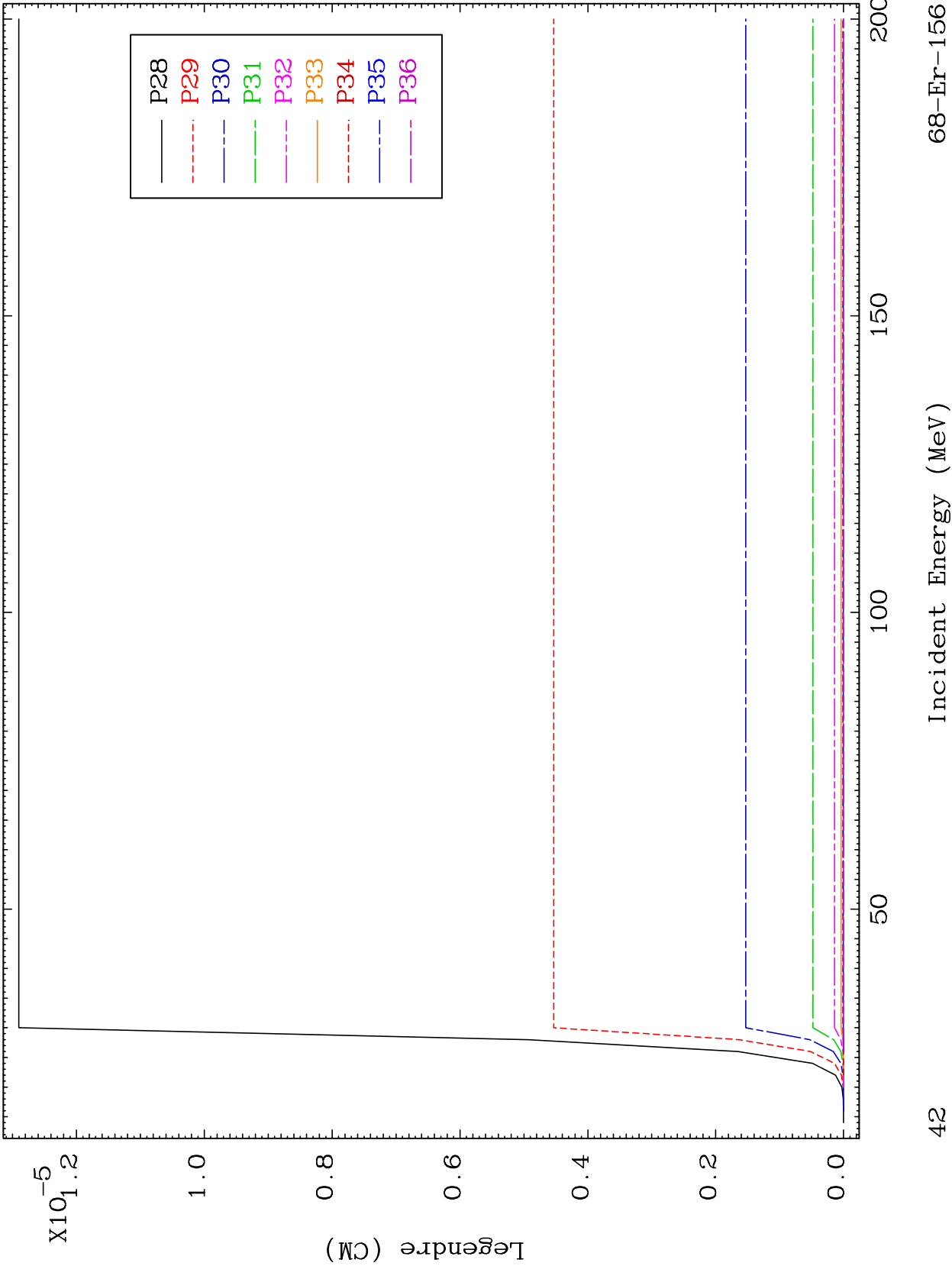
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MAT 6807

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

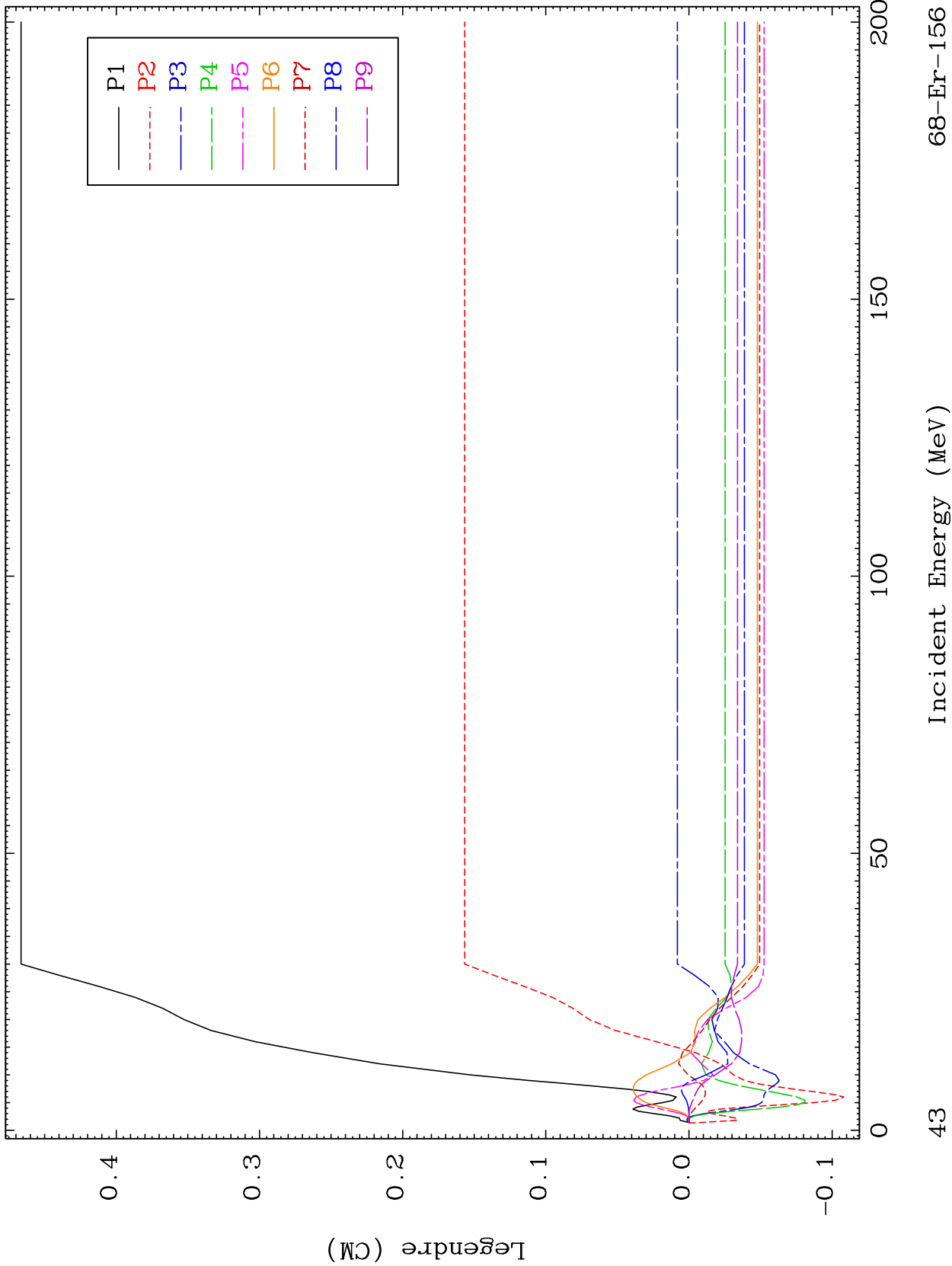
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

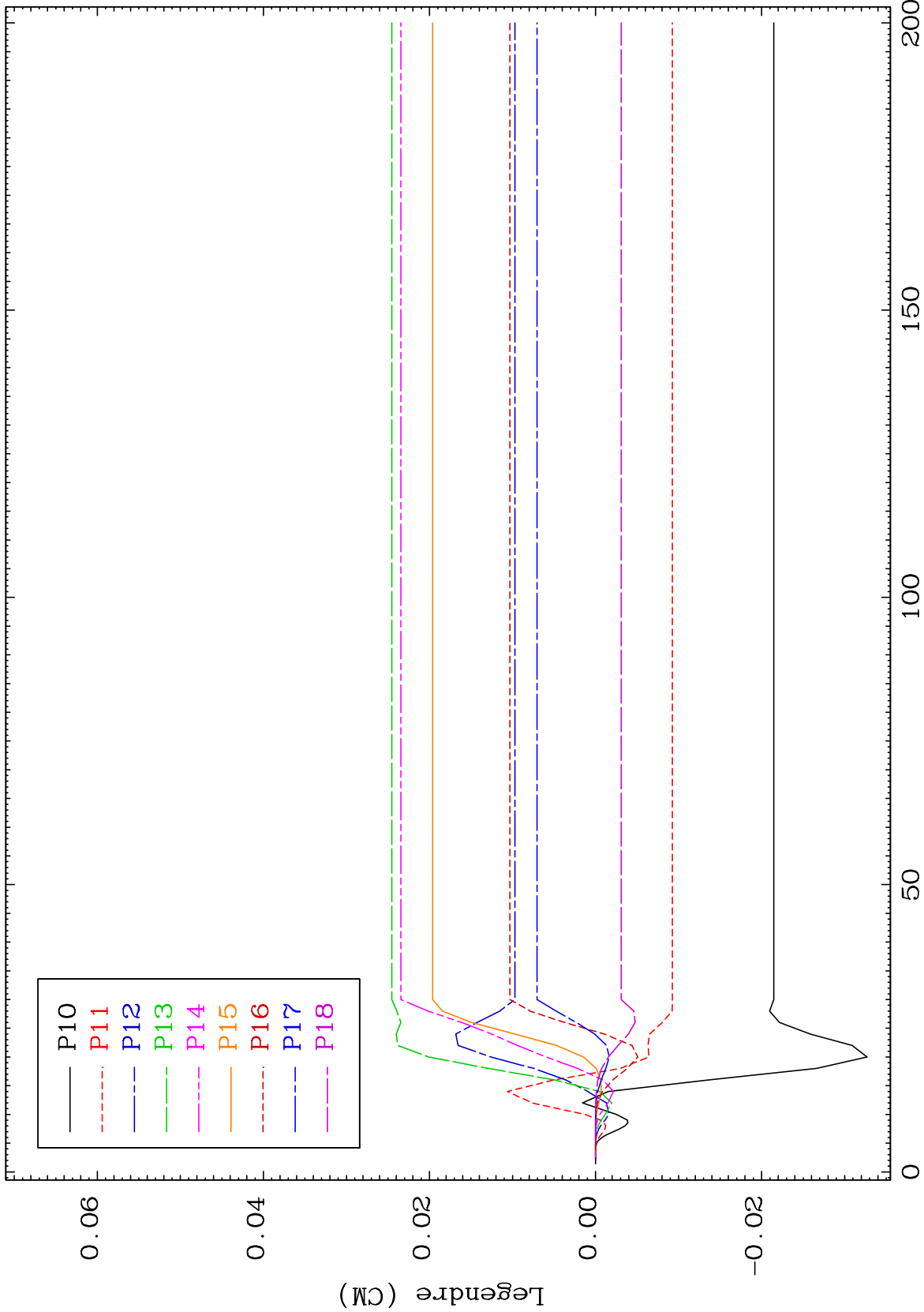
Incident Energy (MeV)

43

MAT 6807

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

68-Er-156



44

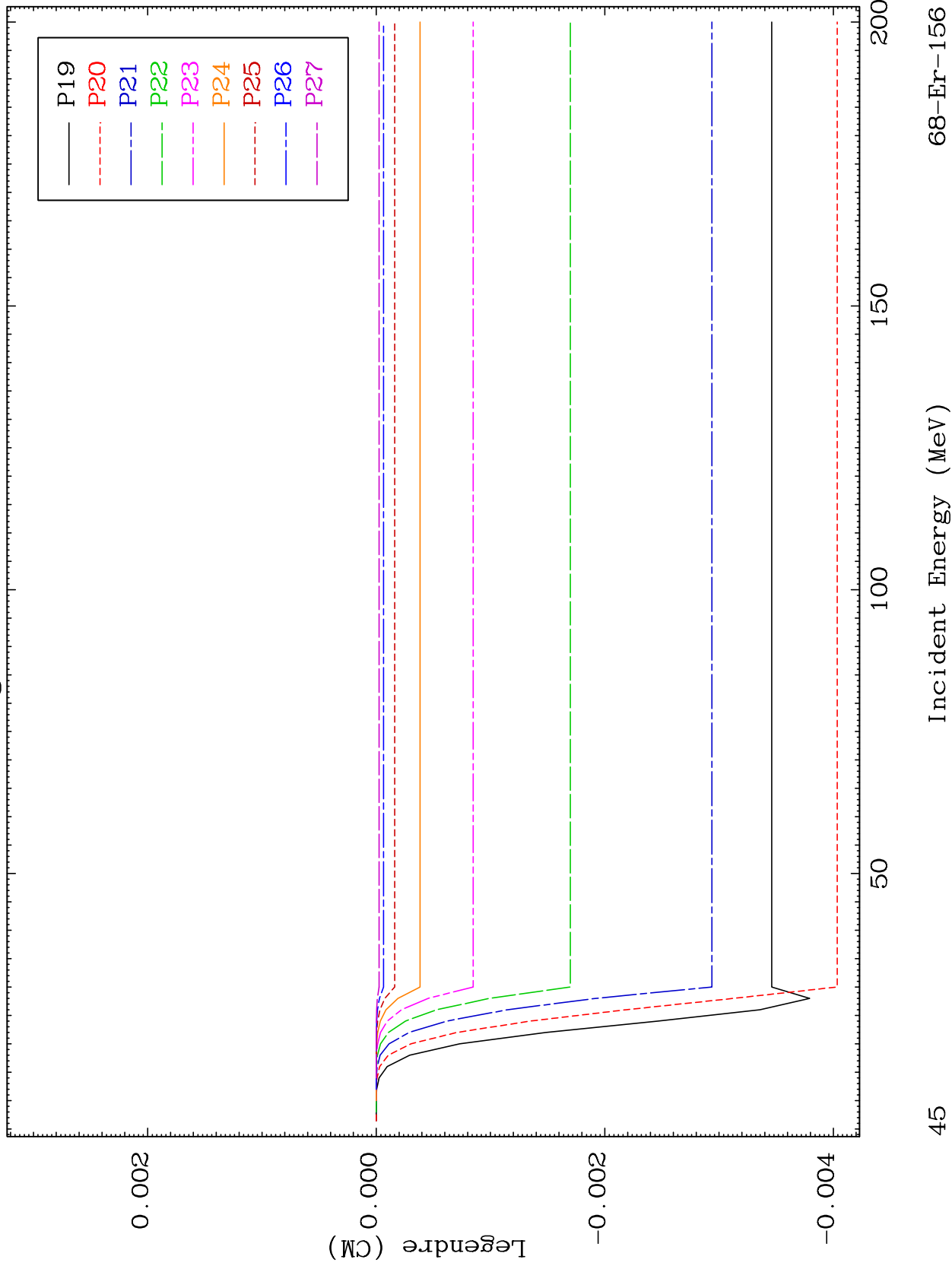
Incident Energy (MeV)

68-Er-156

MAT 6807

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

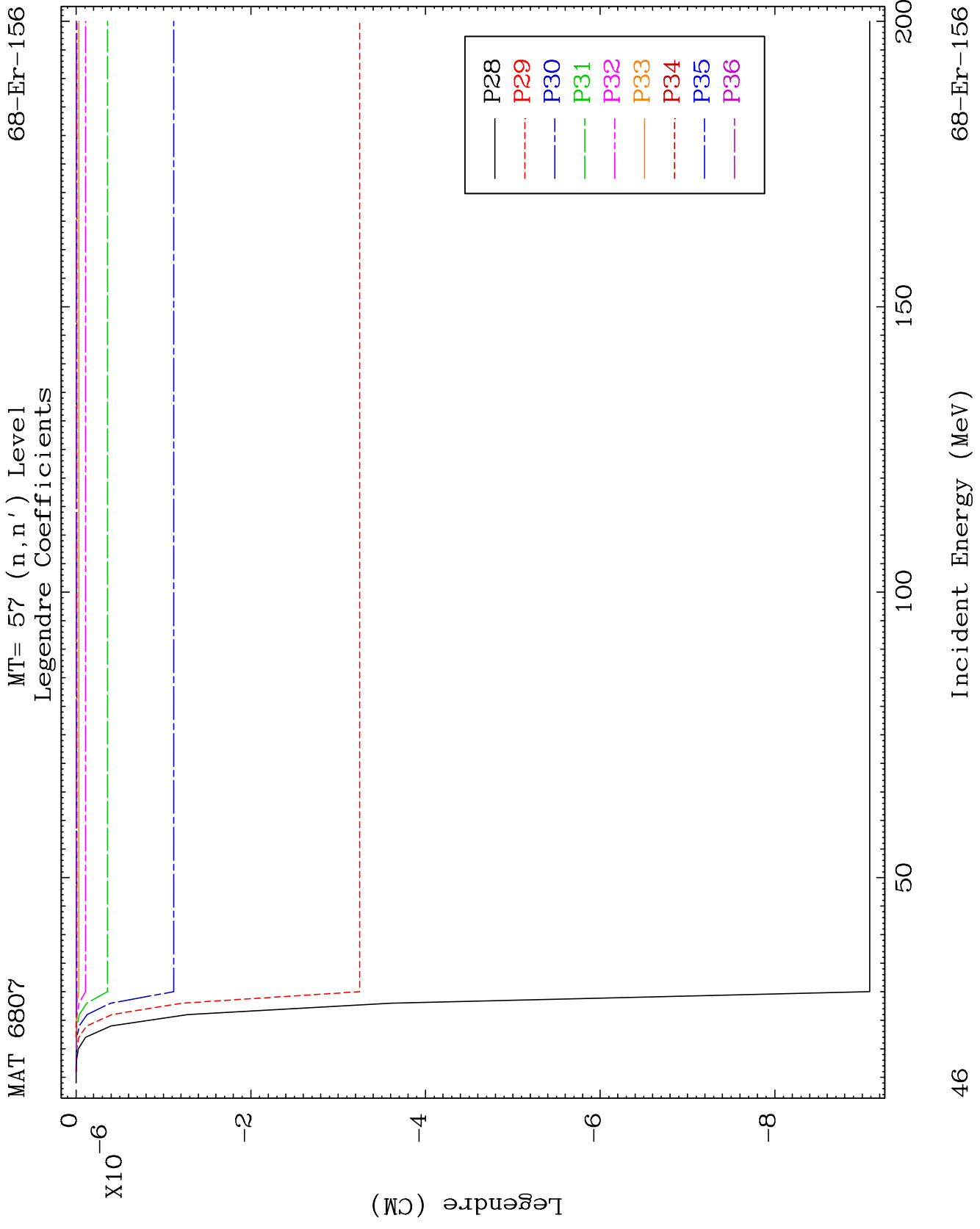
68-Er-156



68-Er-156

Incident Energy (MeV)

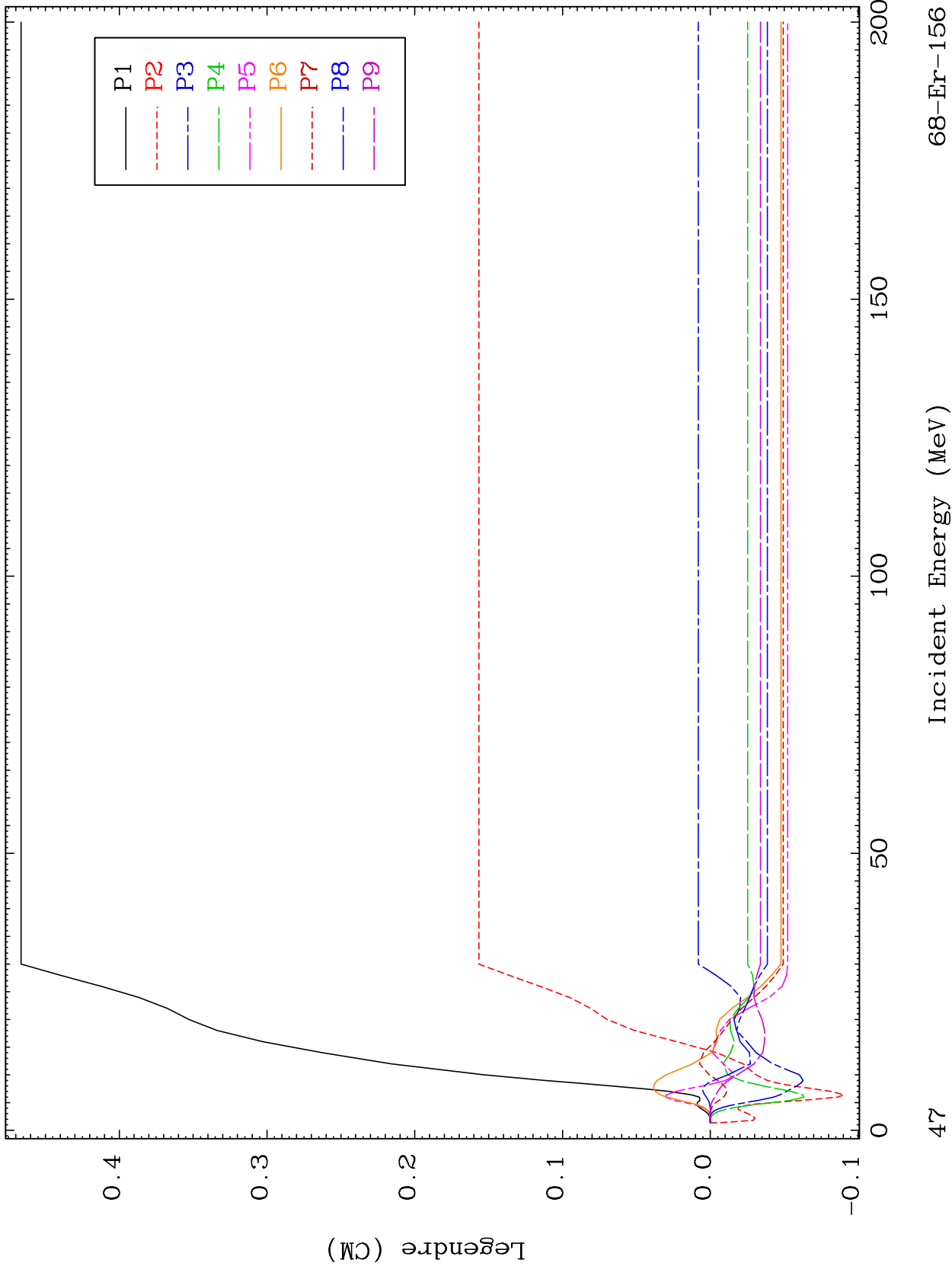
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MAT 6807

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

68-Er-156



68-Er-156

Incident Energy (MeV)

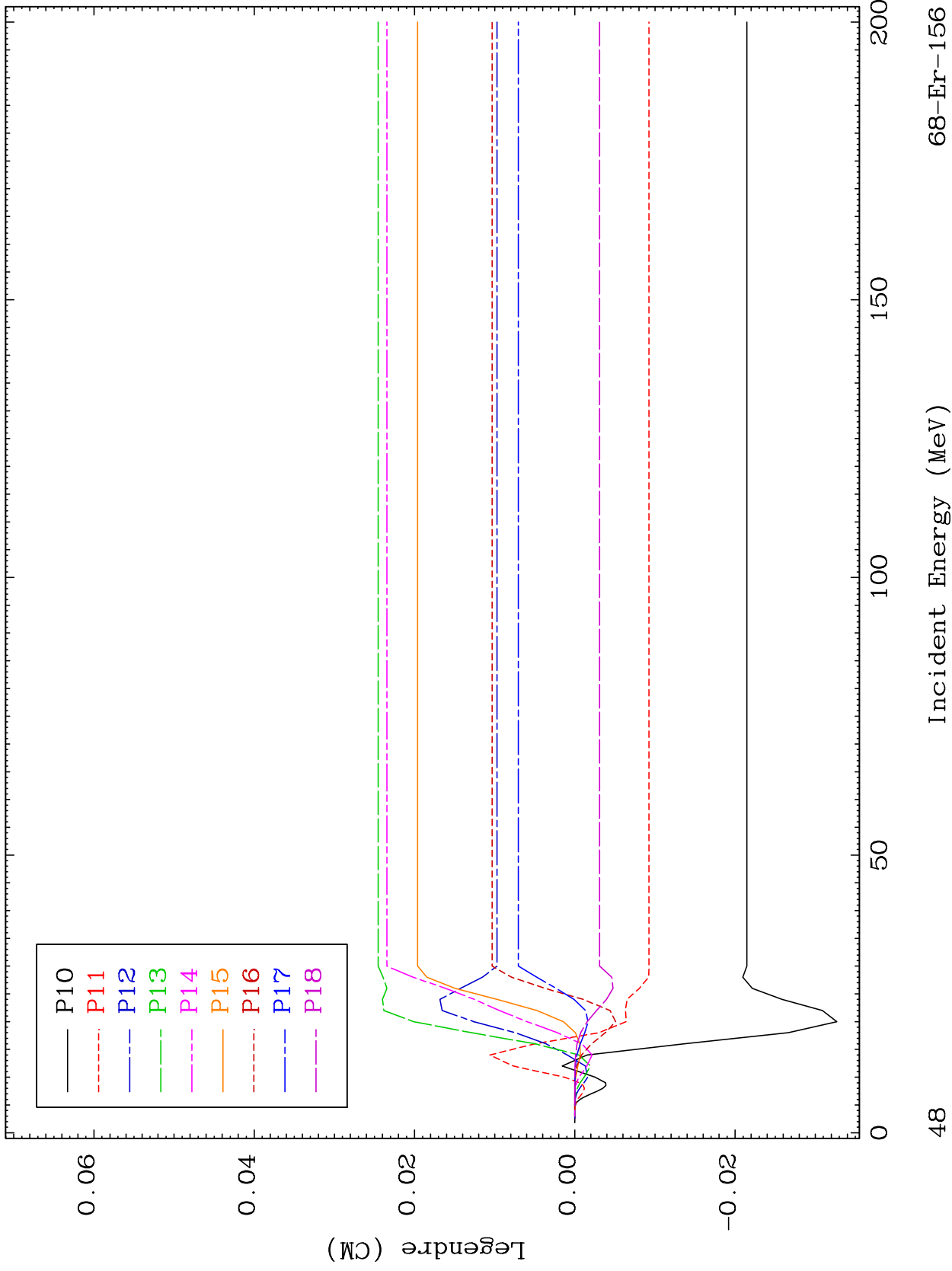
47



MAT 6807

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

68-Er-156



68-Er-156

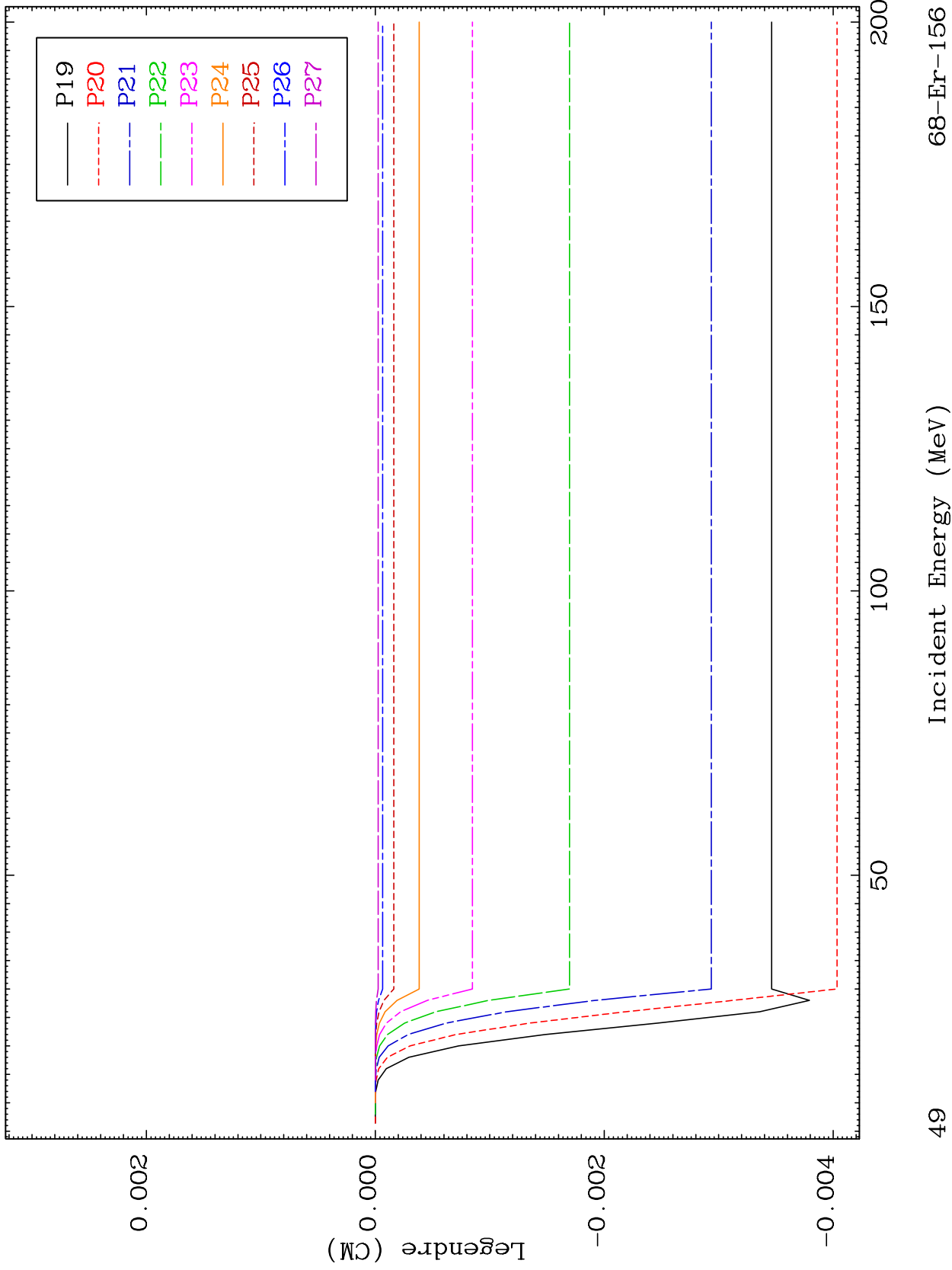
Incident Energy (MeV)

48

MAT 6807

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

68-Er-156



49

Incident Energy (MeV)

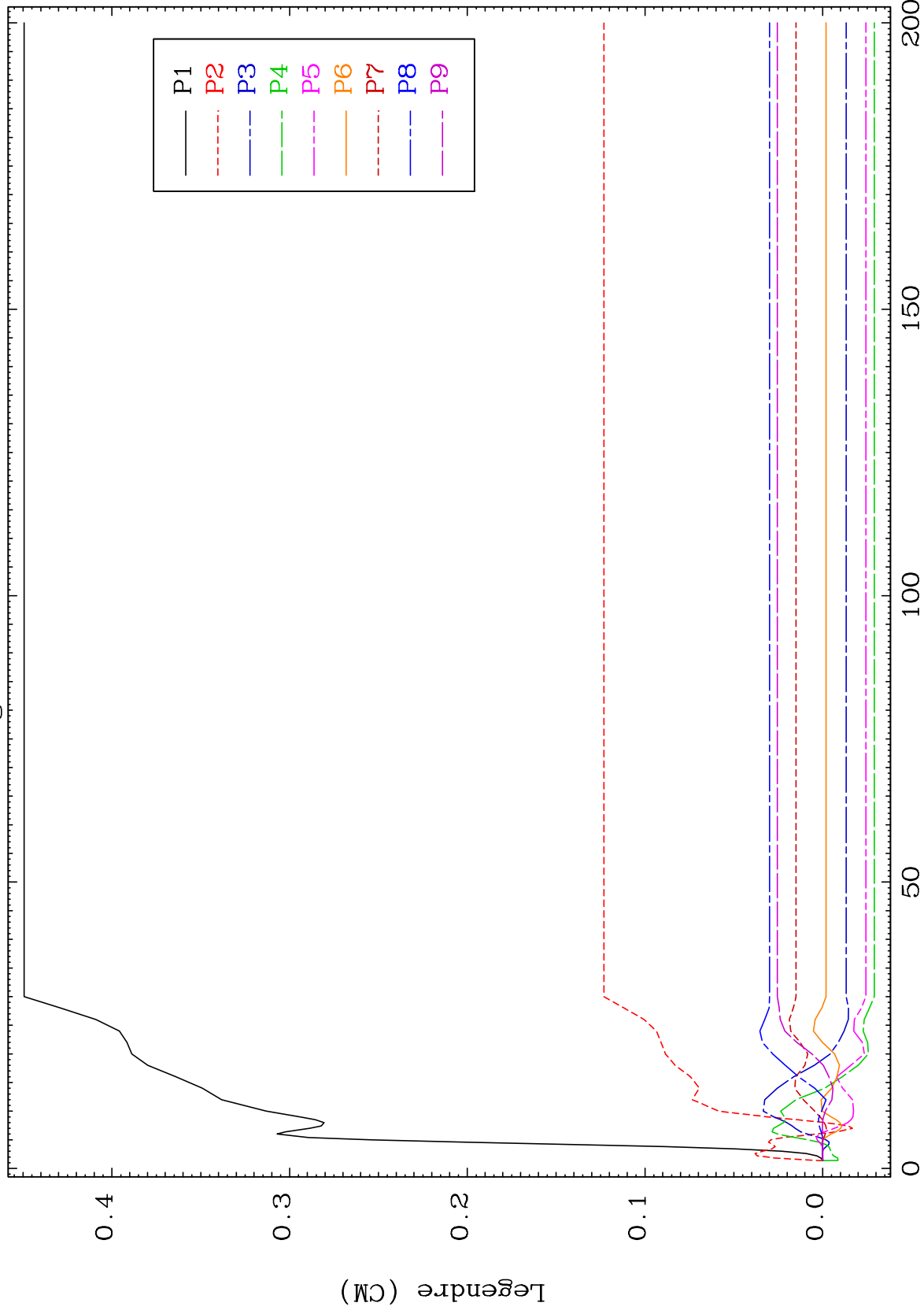
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MAT 6807

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

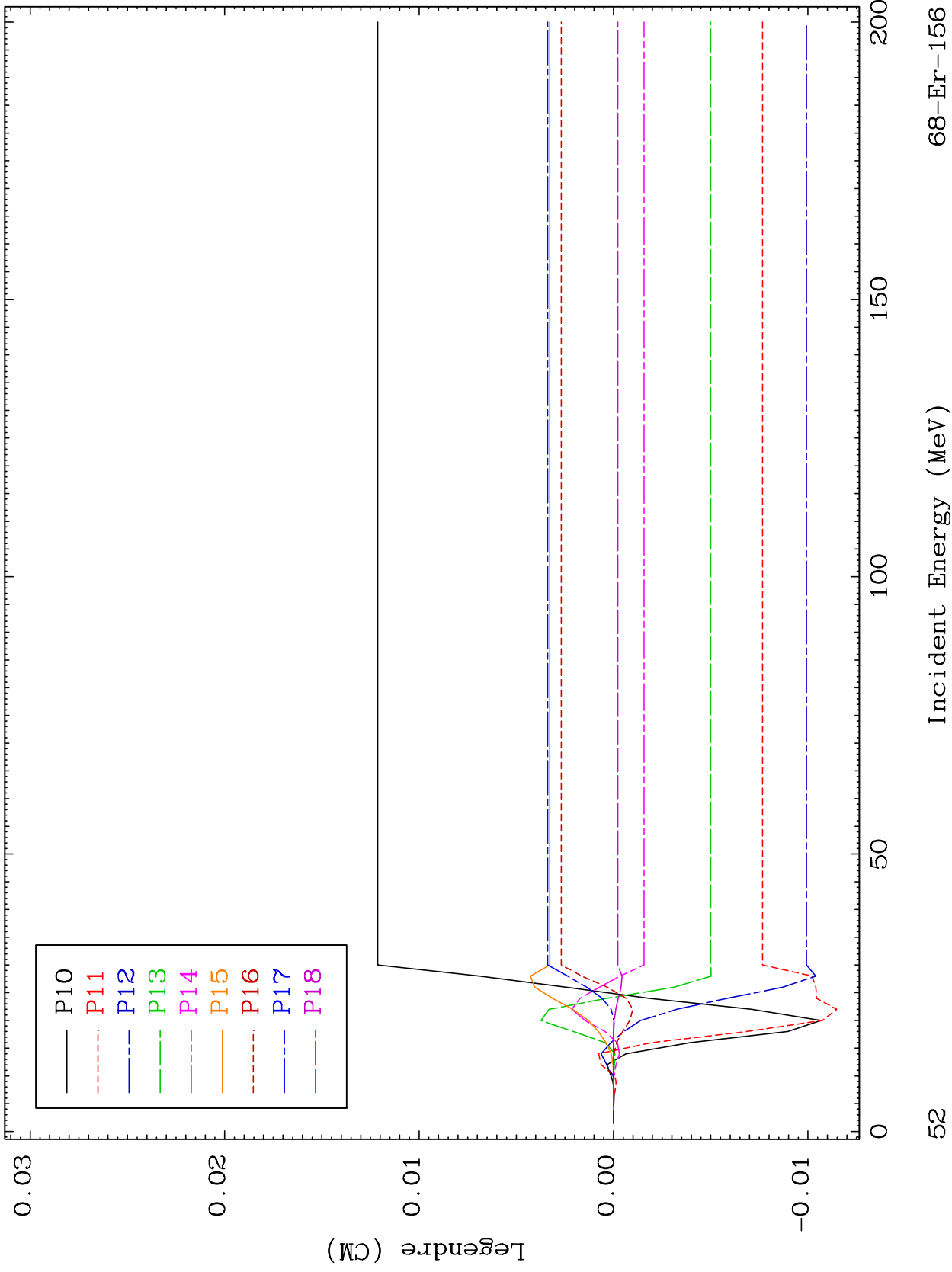
68-Er-156



51

Incident Energy (MeV)

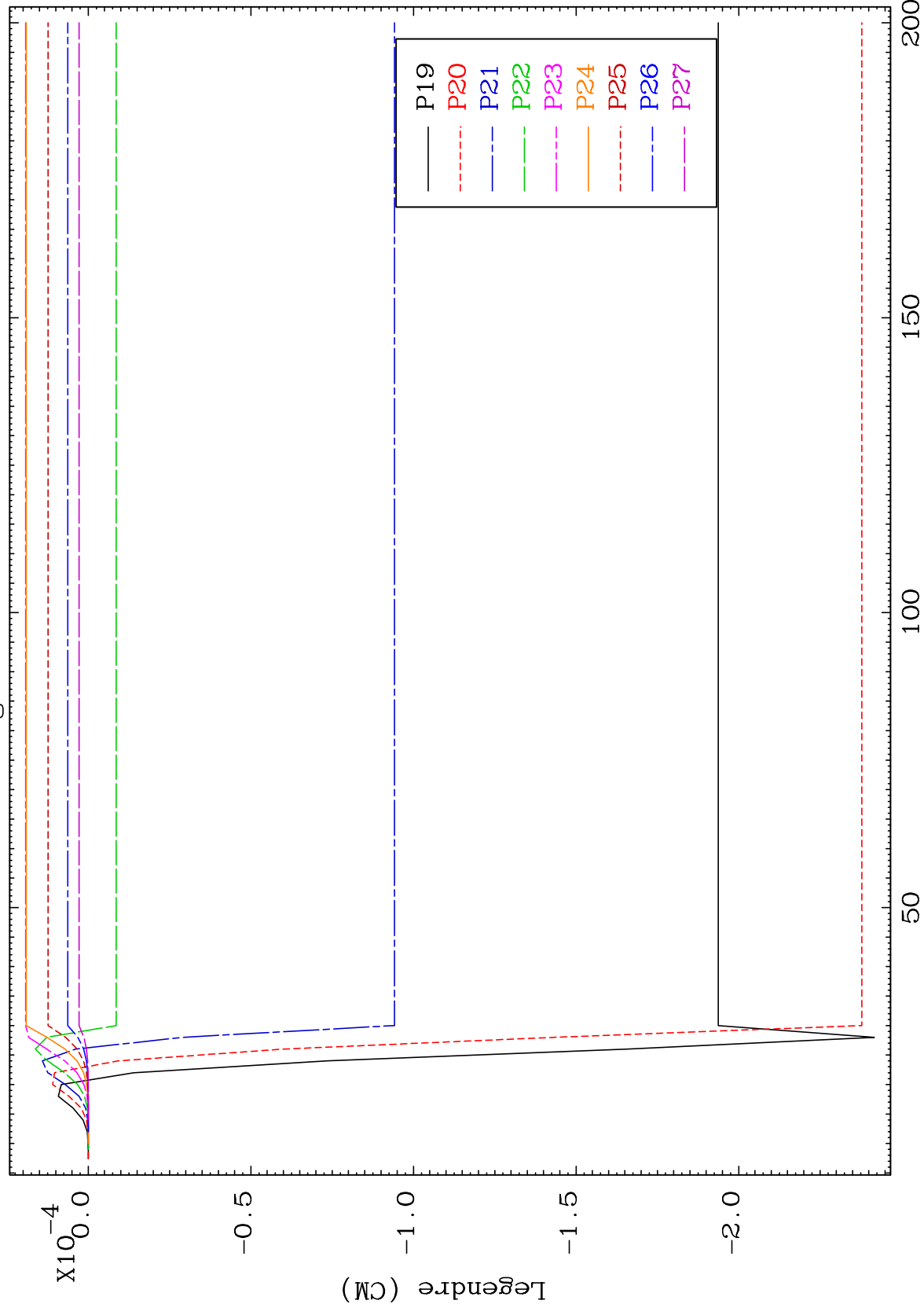
68-Er-156



MAT 6807

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

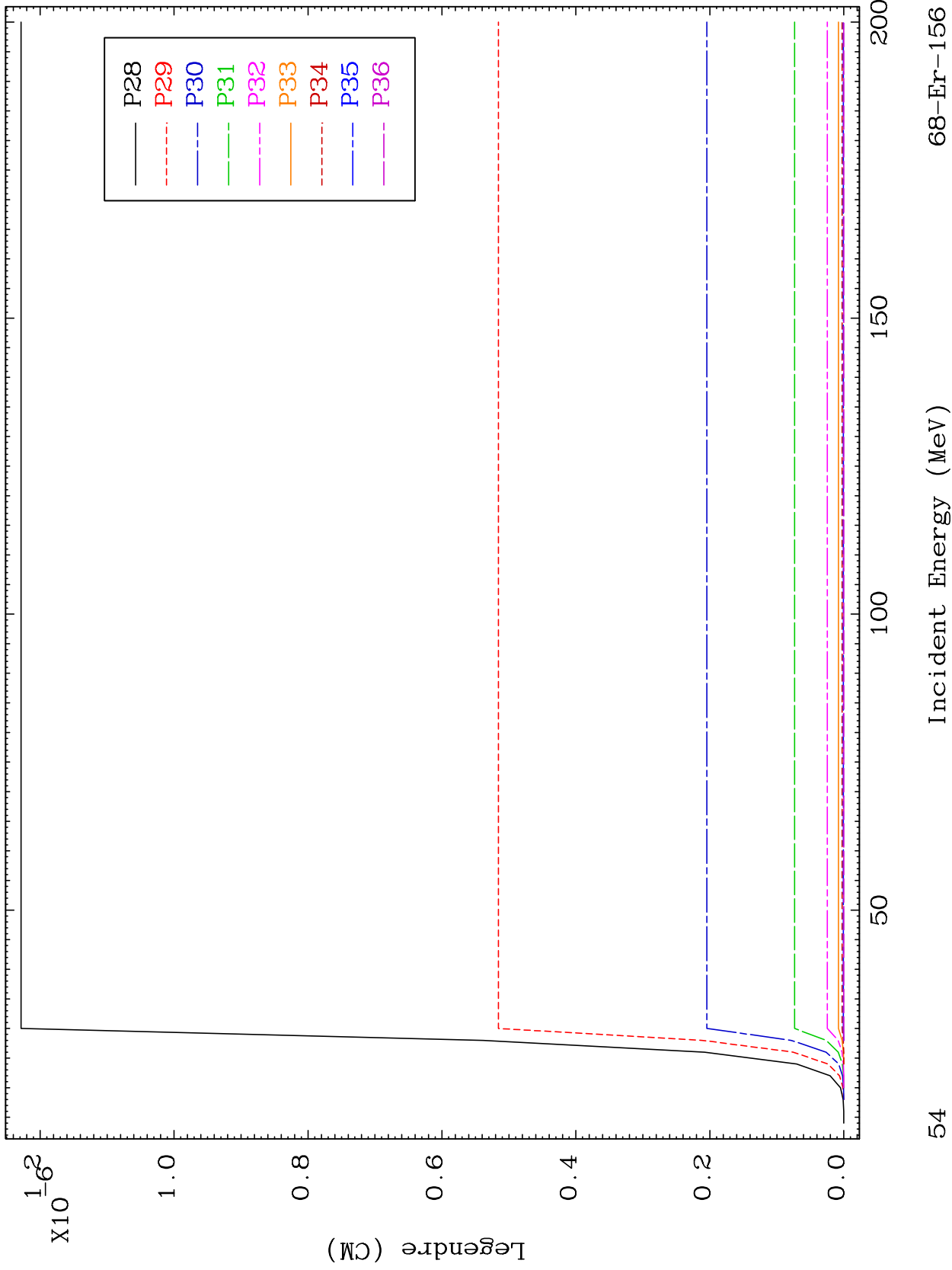
68-Er-156



MAT 6807

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

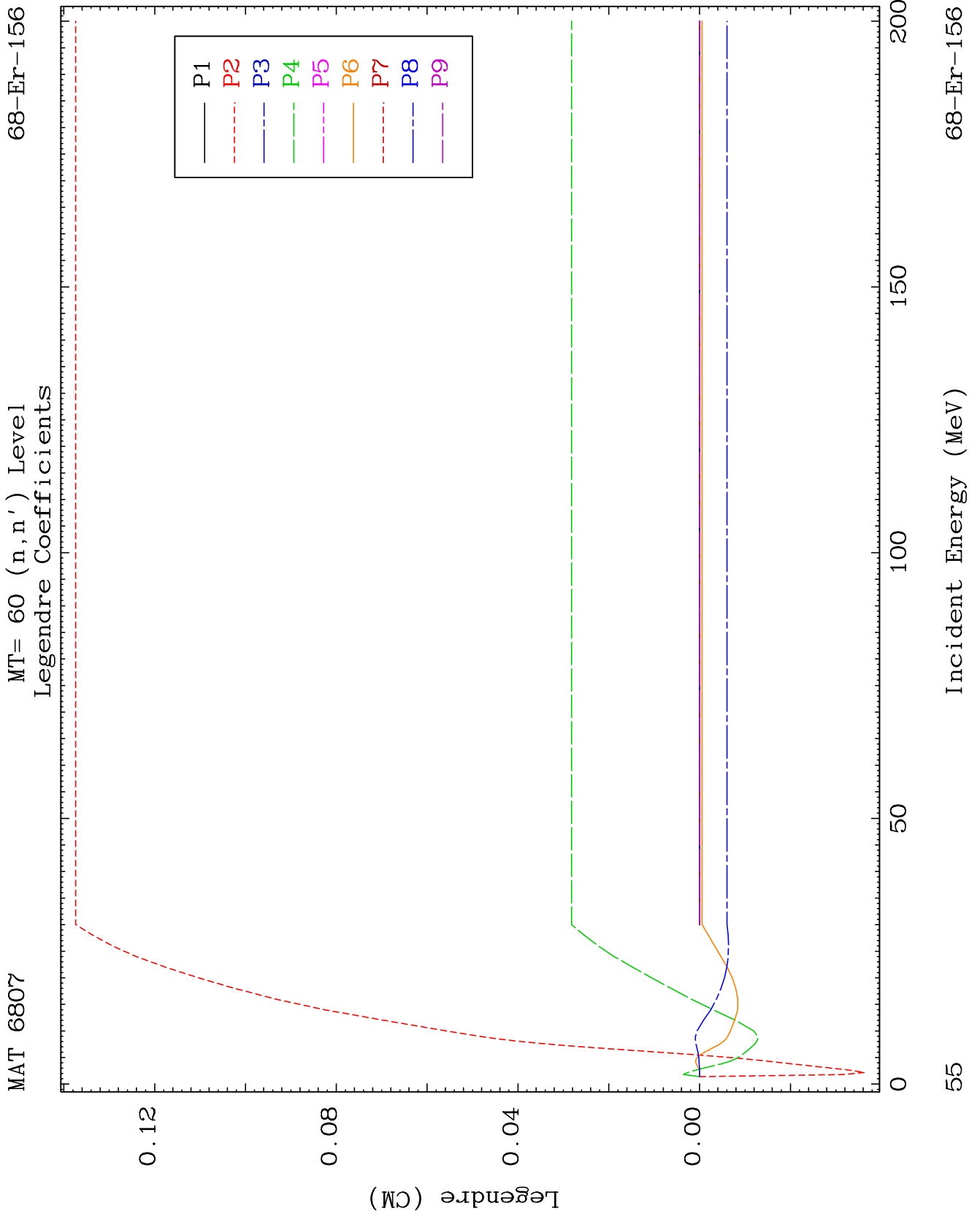
68-Er-156



54

Incident Energy (MeV)

68-Er-156

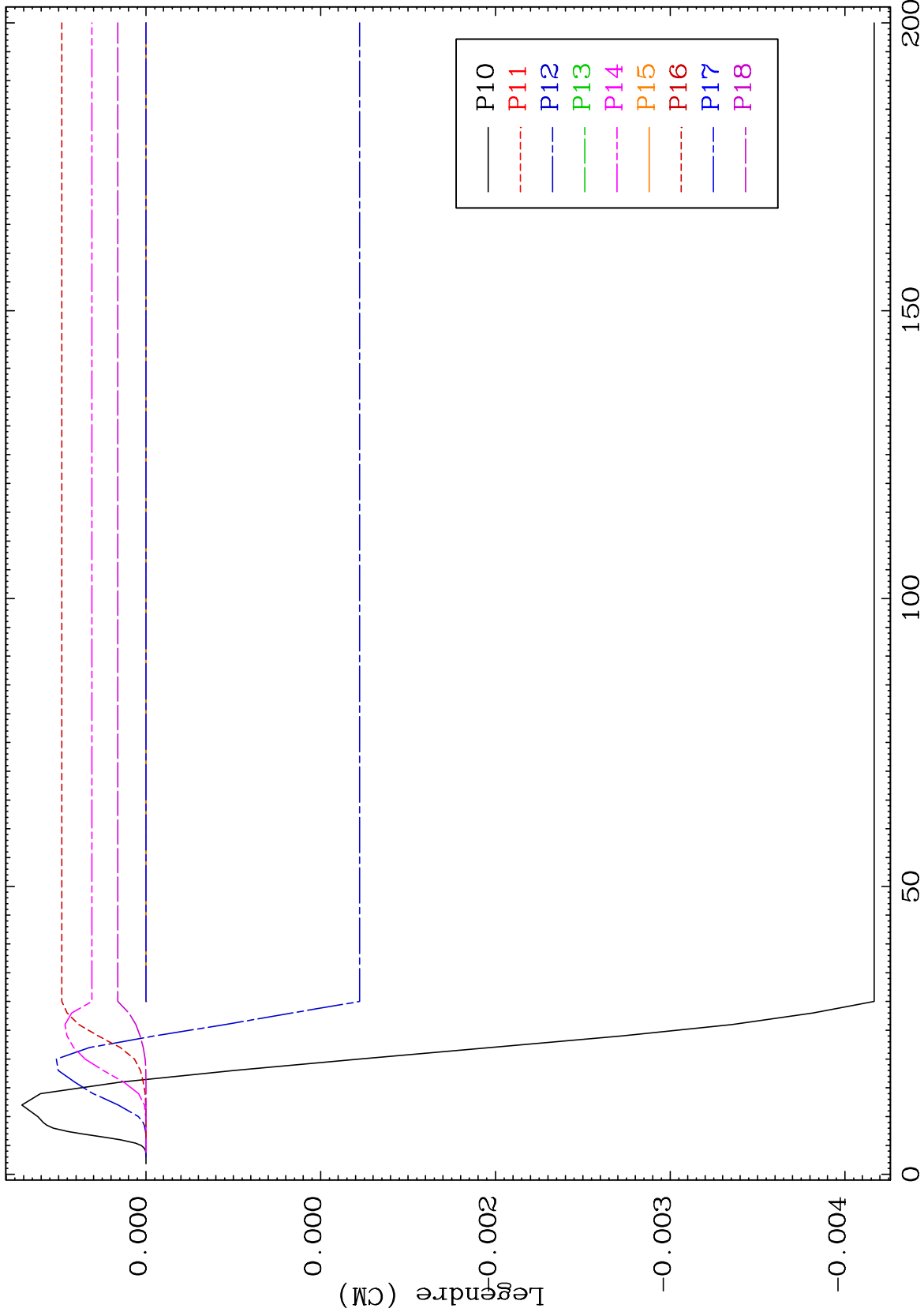




MAT 6807

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

68-Er-156



56

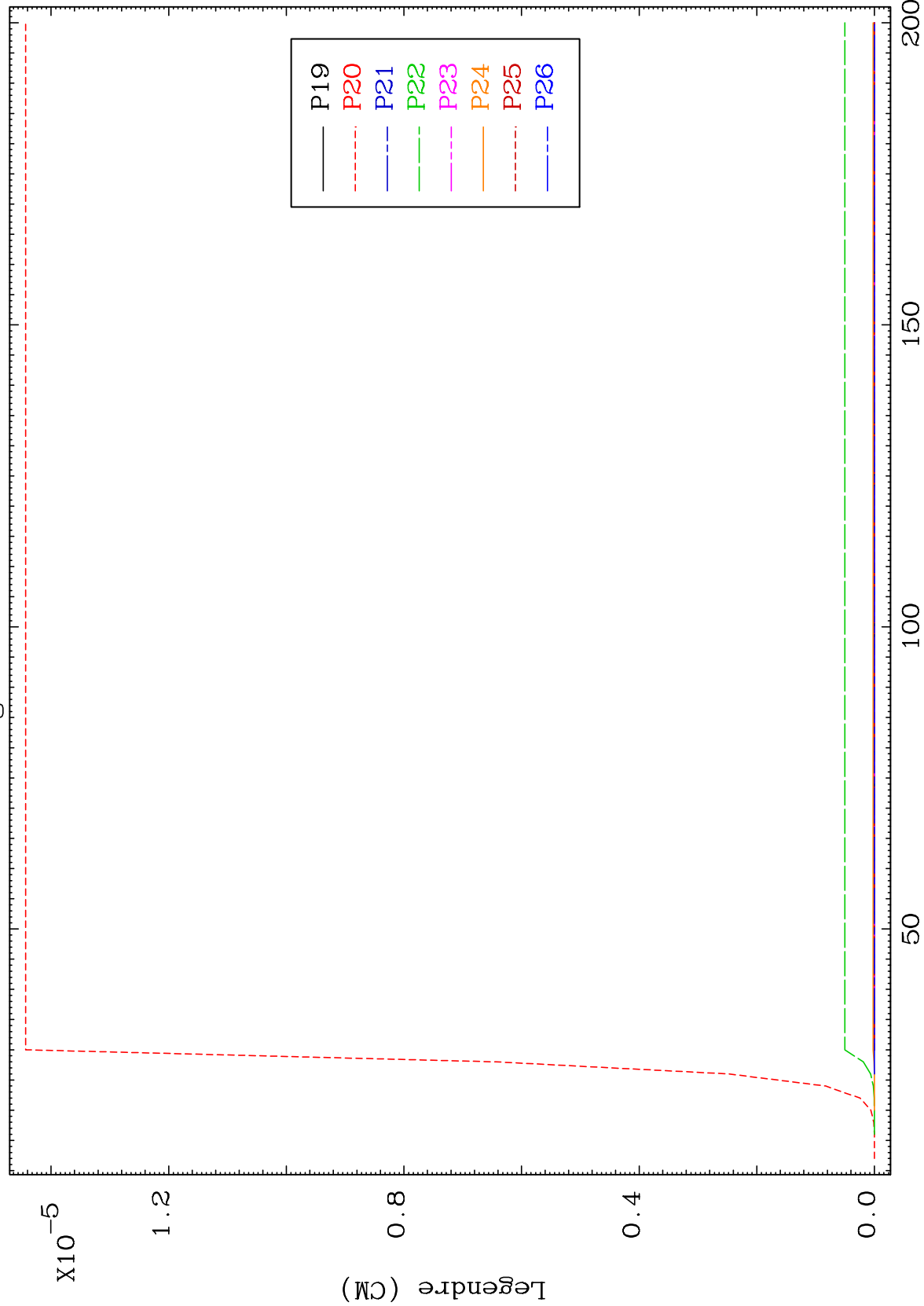
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

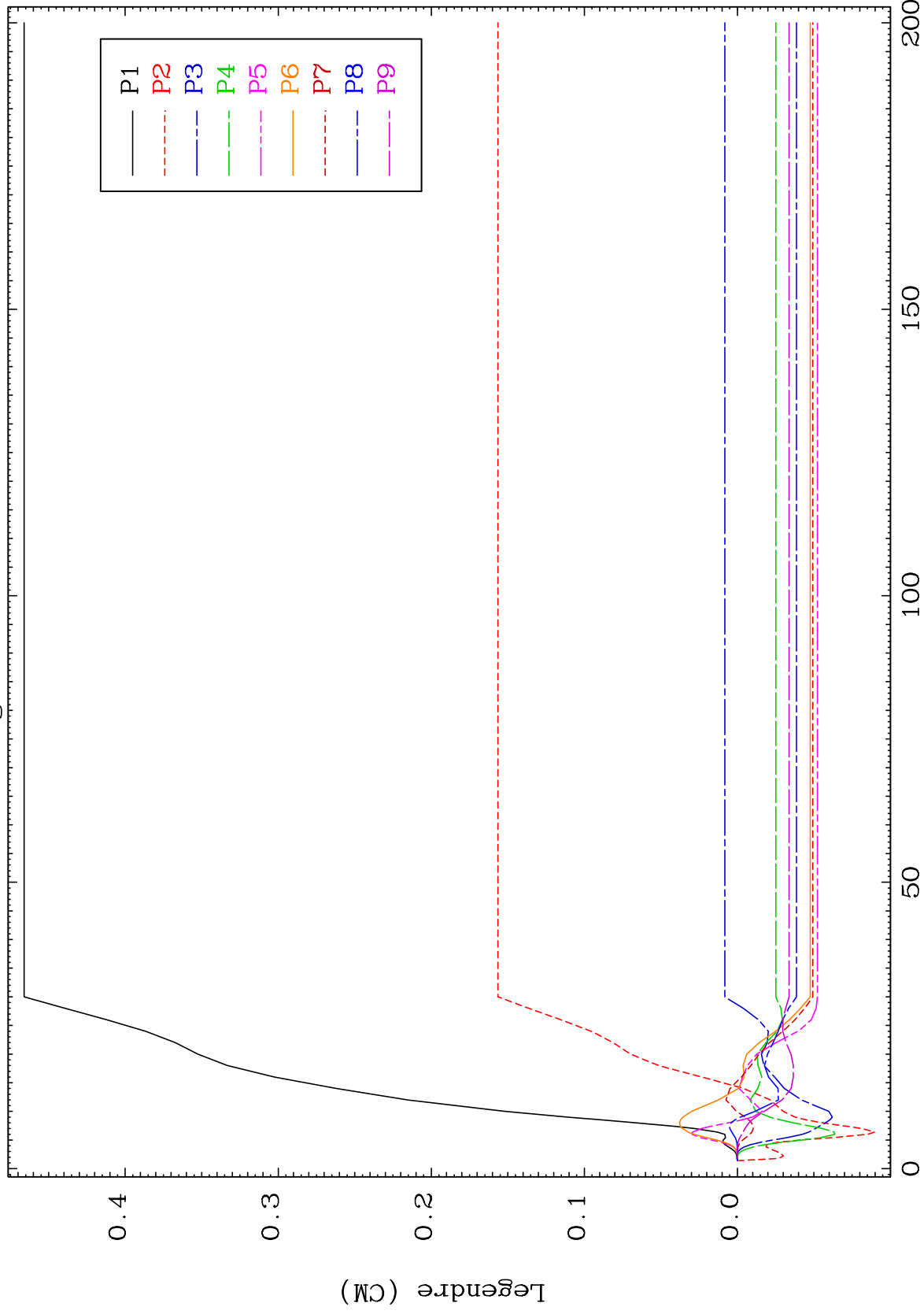
Incident Energy (MeV)

57

MAT 6807

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

68-Er-156



58

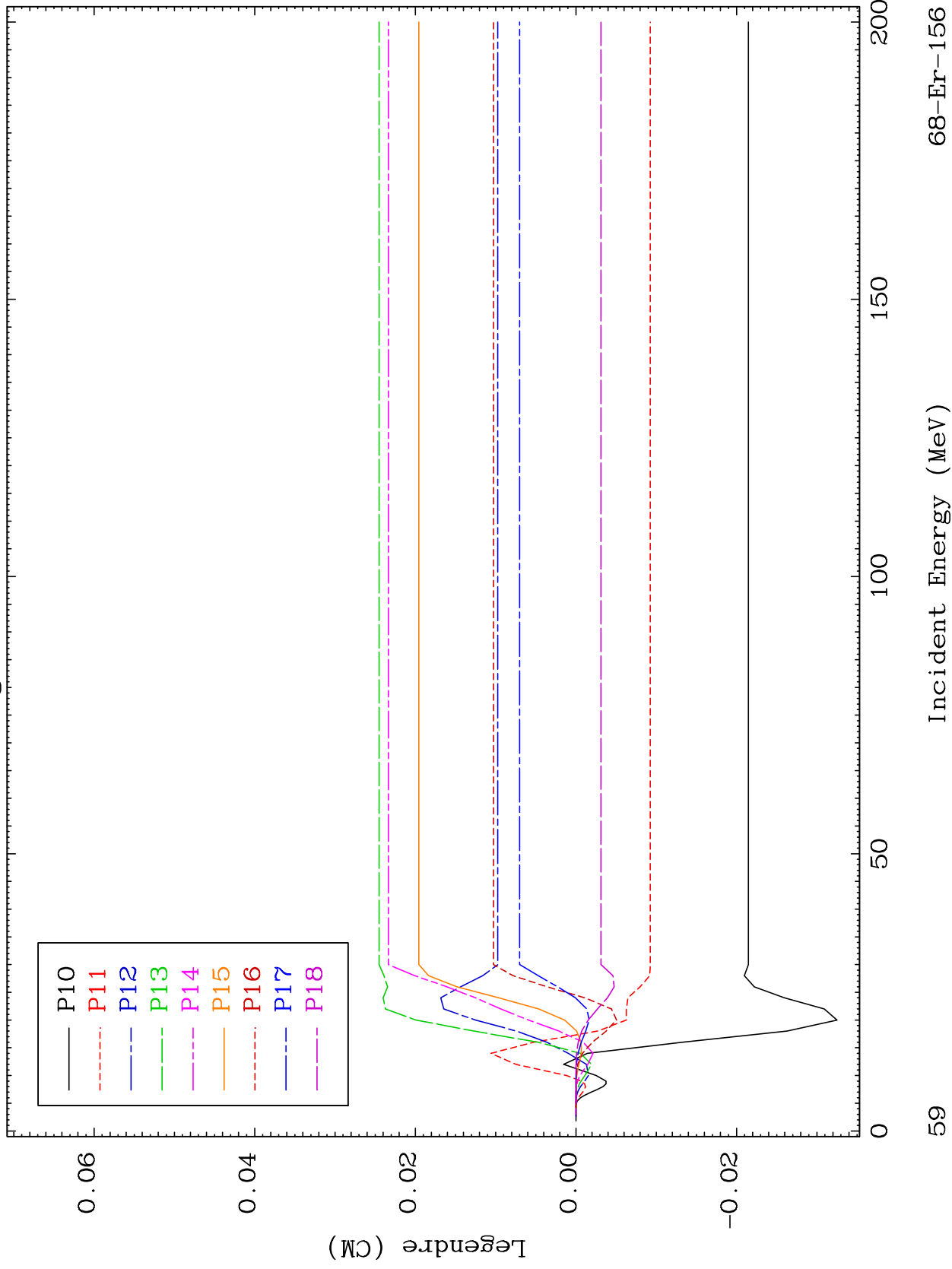
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

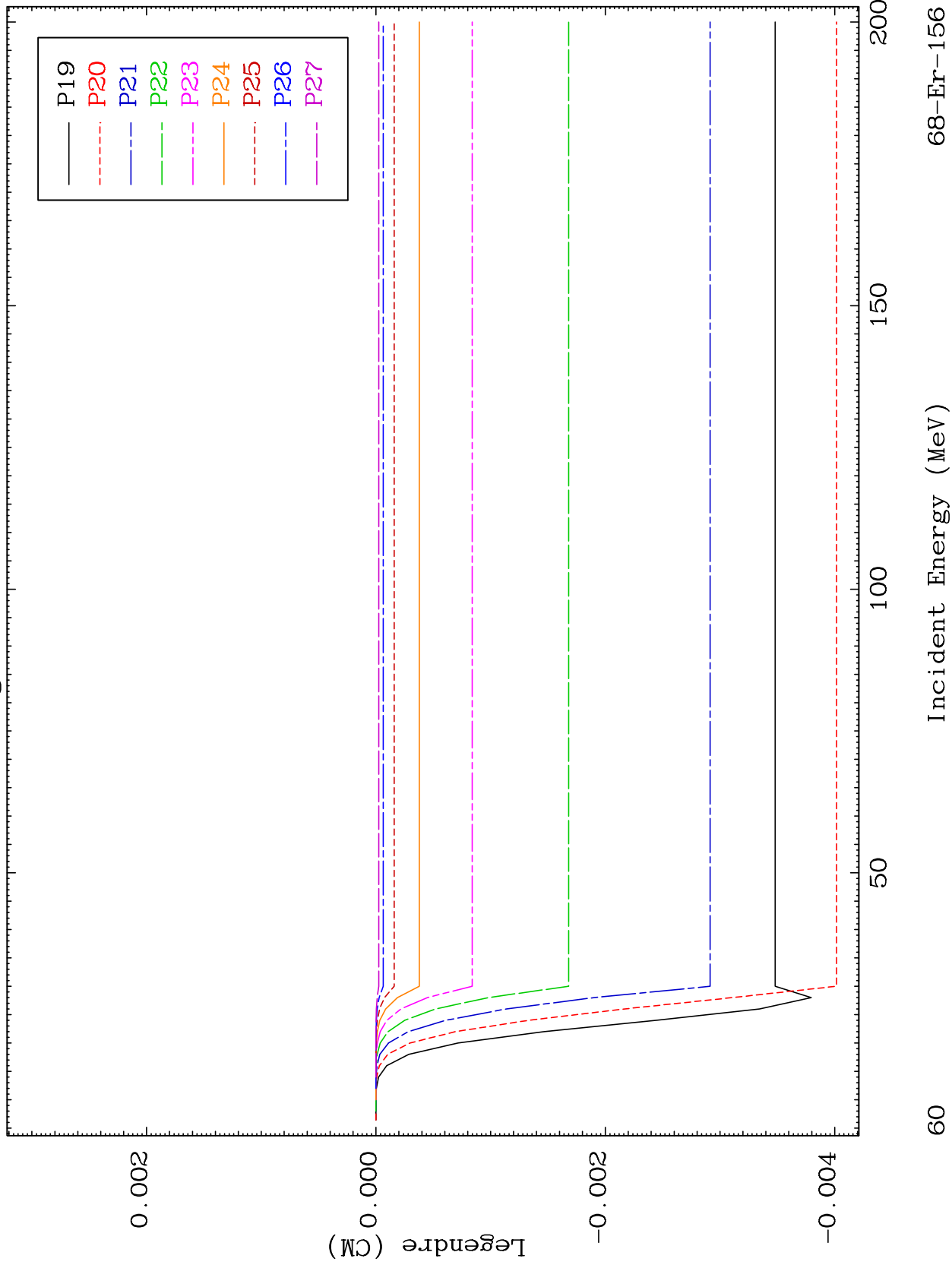
Incident Energy (MeV)

59

MAT 6807

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

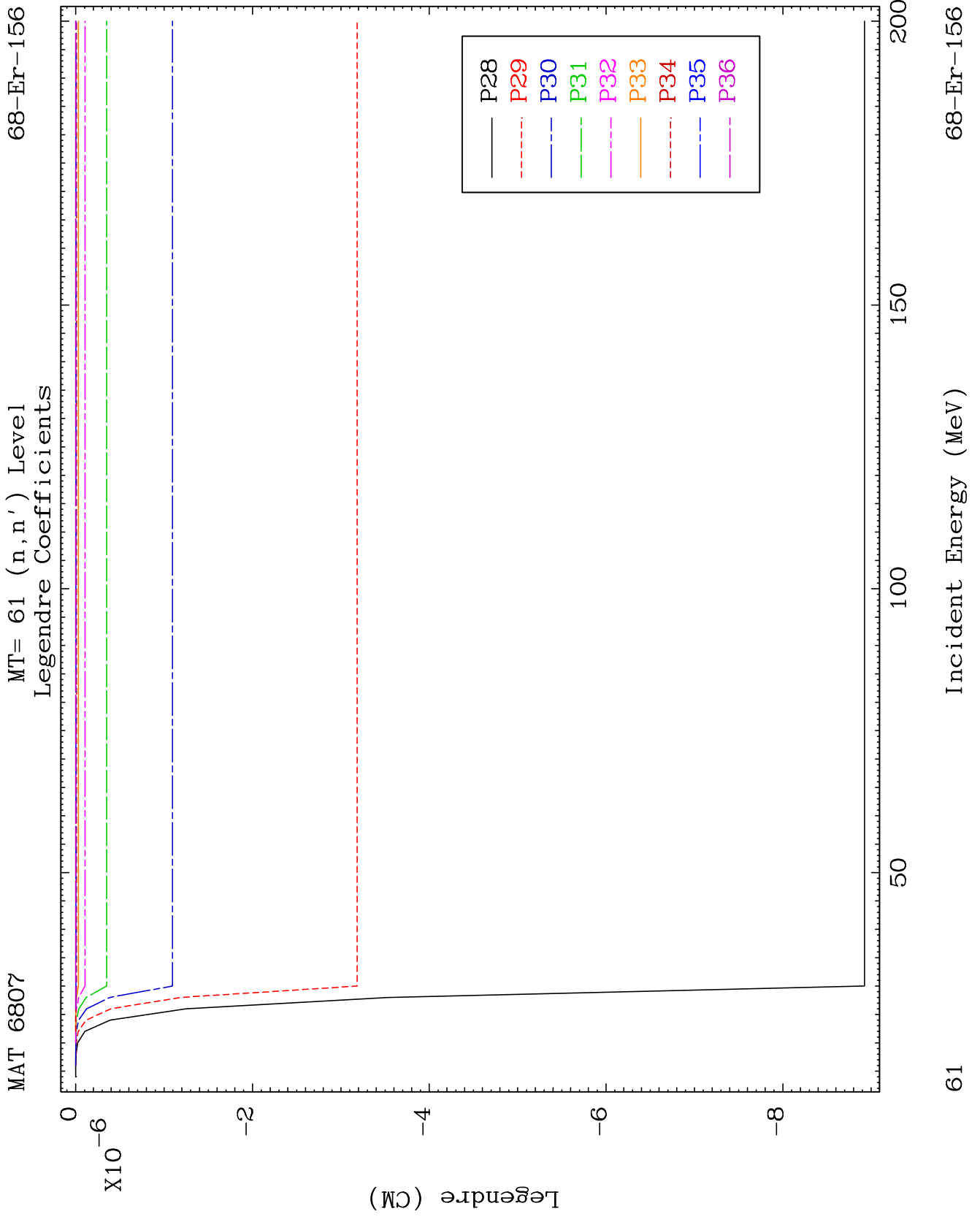
68-Er-156



68-Er-156

Incident Energy (MeV)

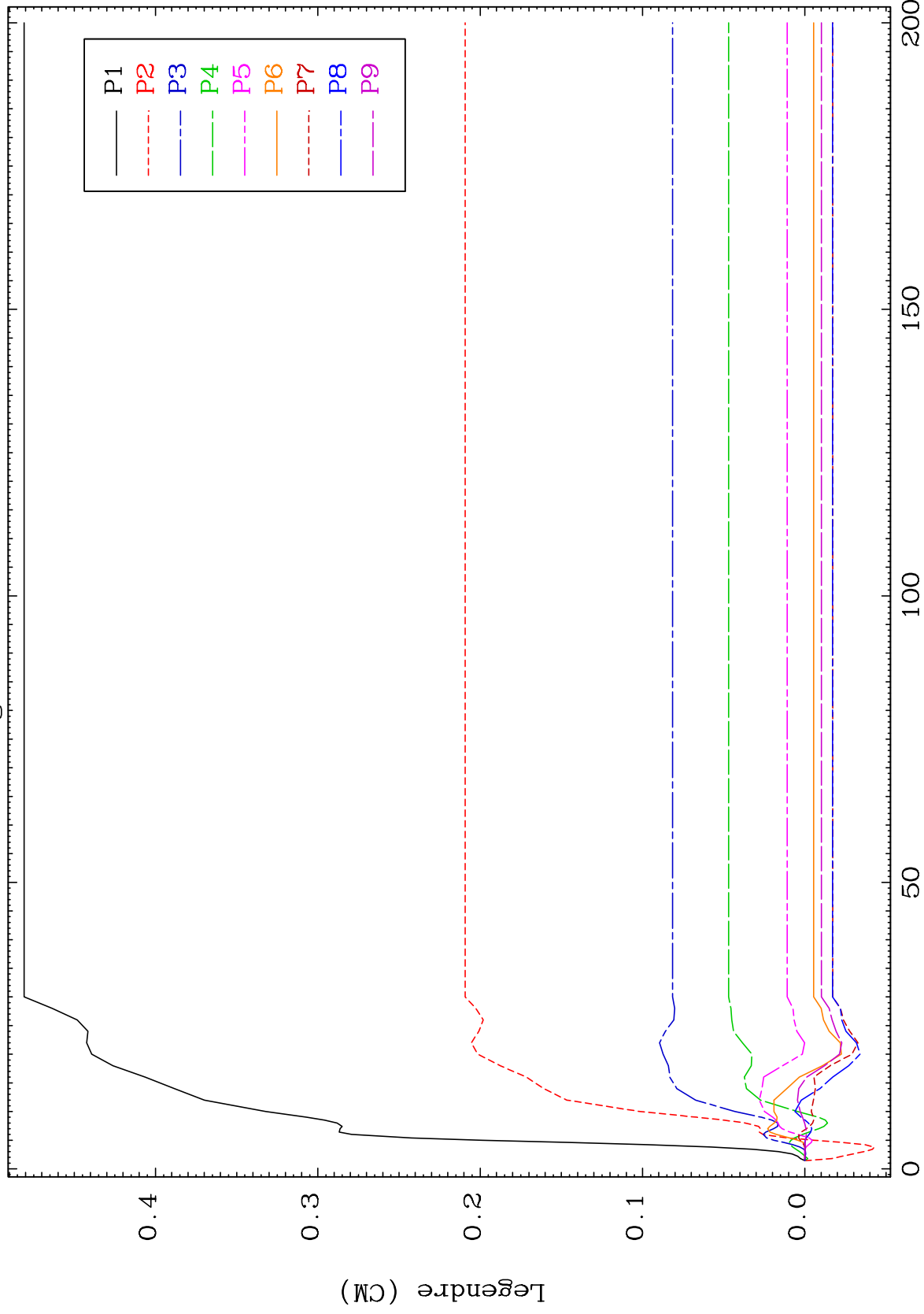
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MAT 6807

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

68-Er-156



68-Er-156

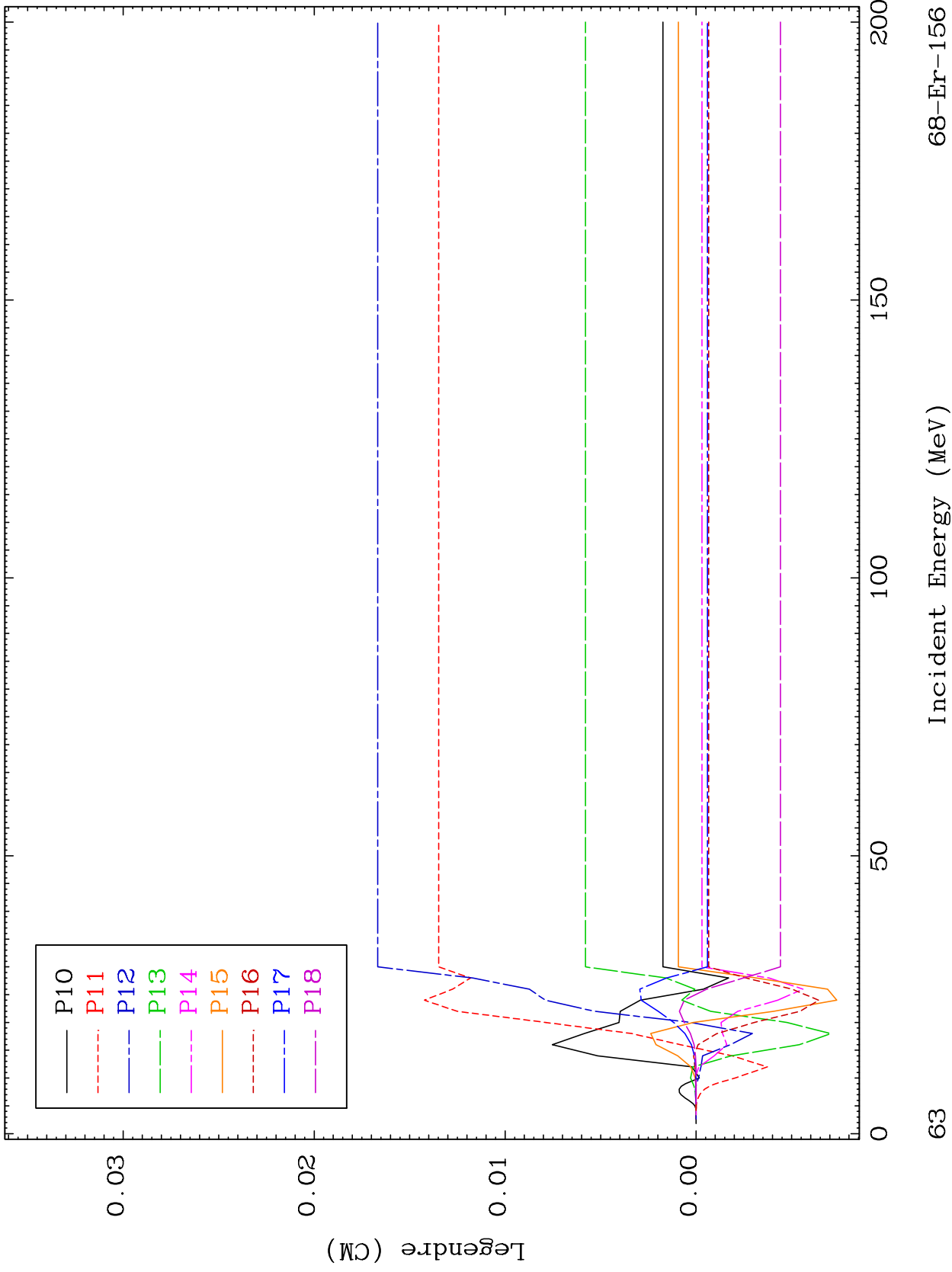
Incident Energy (MeV)

62

MAT 6807

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

68-Er-156

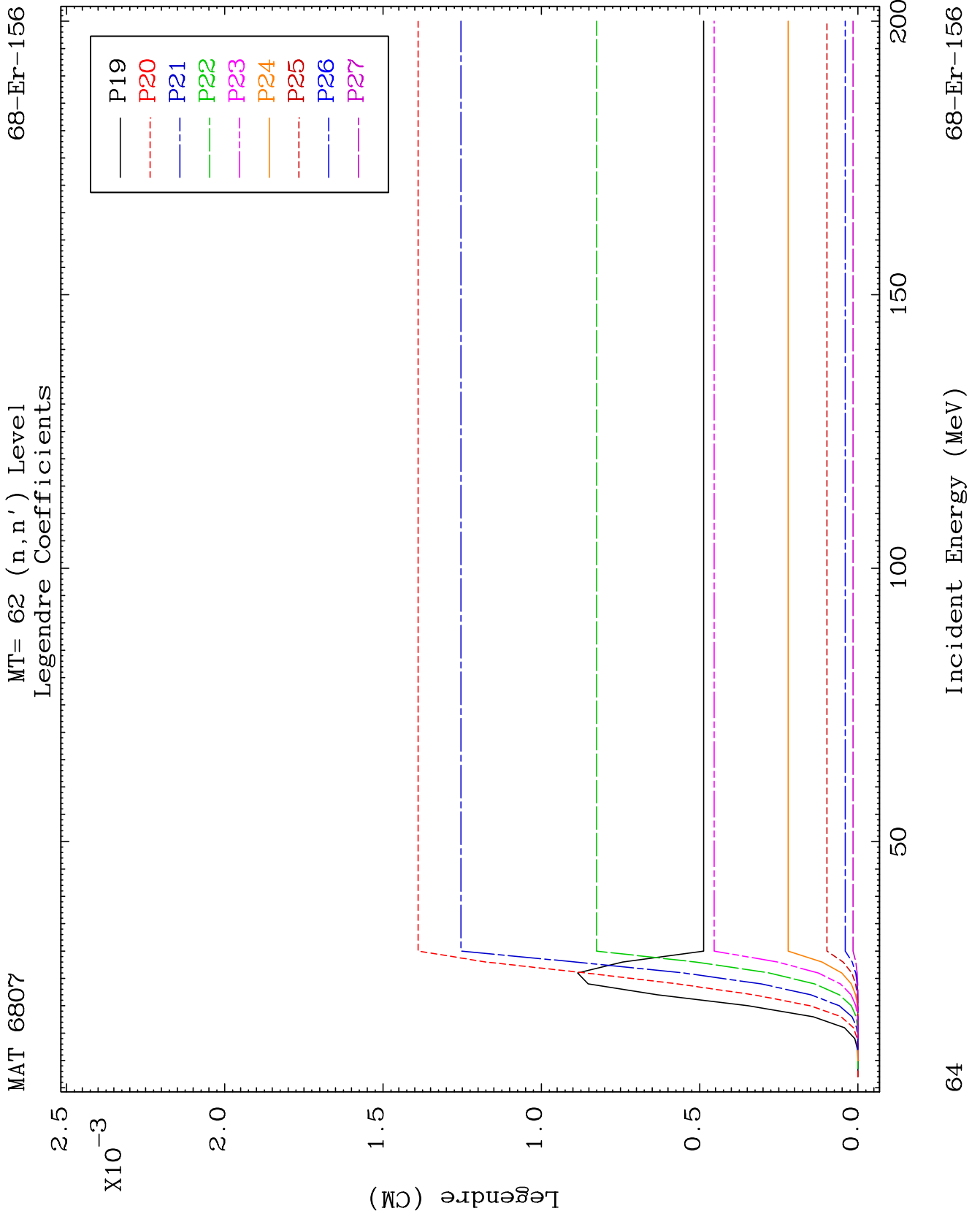


63

Incident Energy (MeV)

68-Er-156

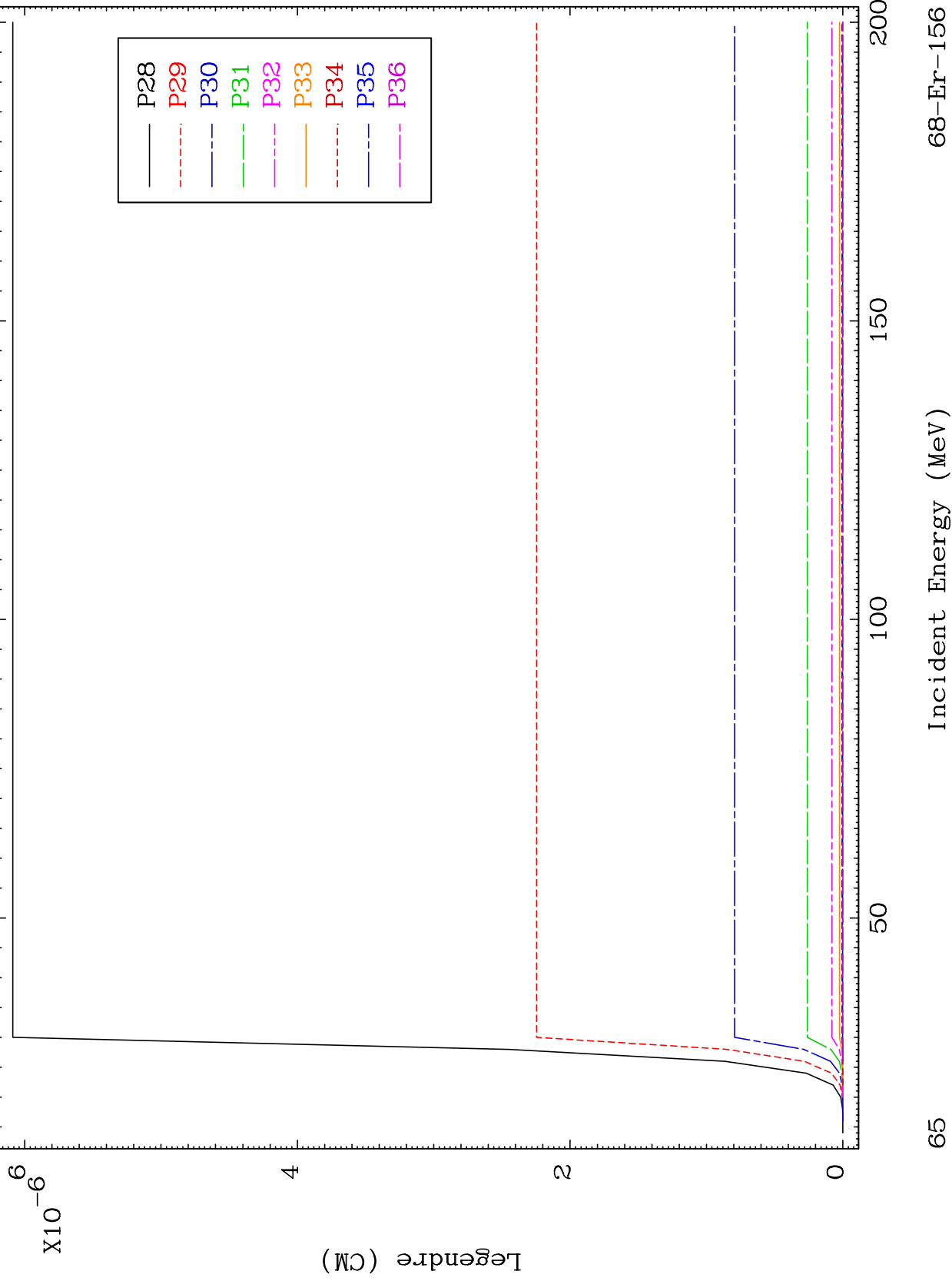


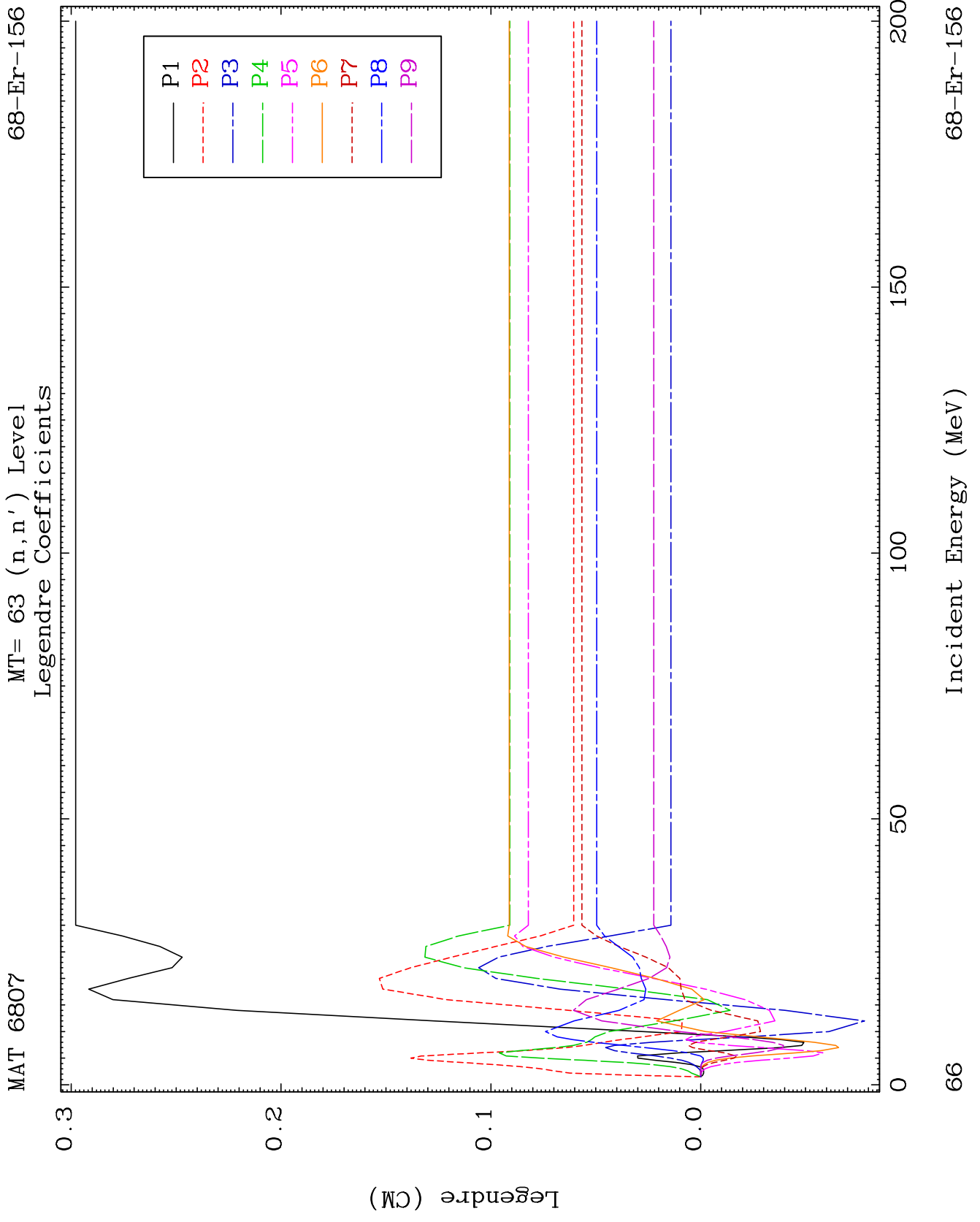


MAT 6807

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

68-Er-156

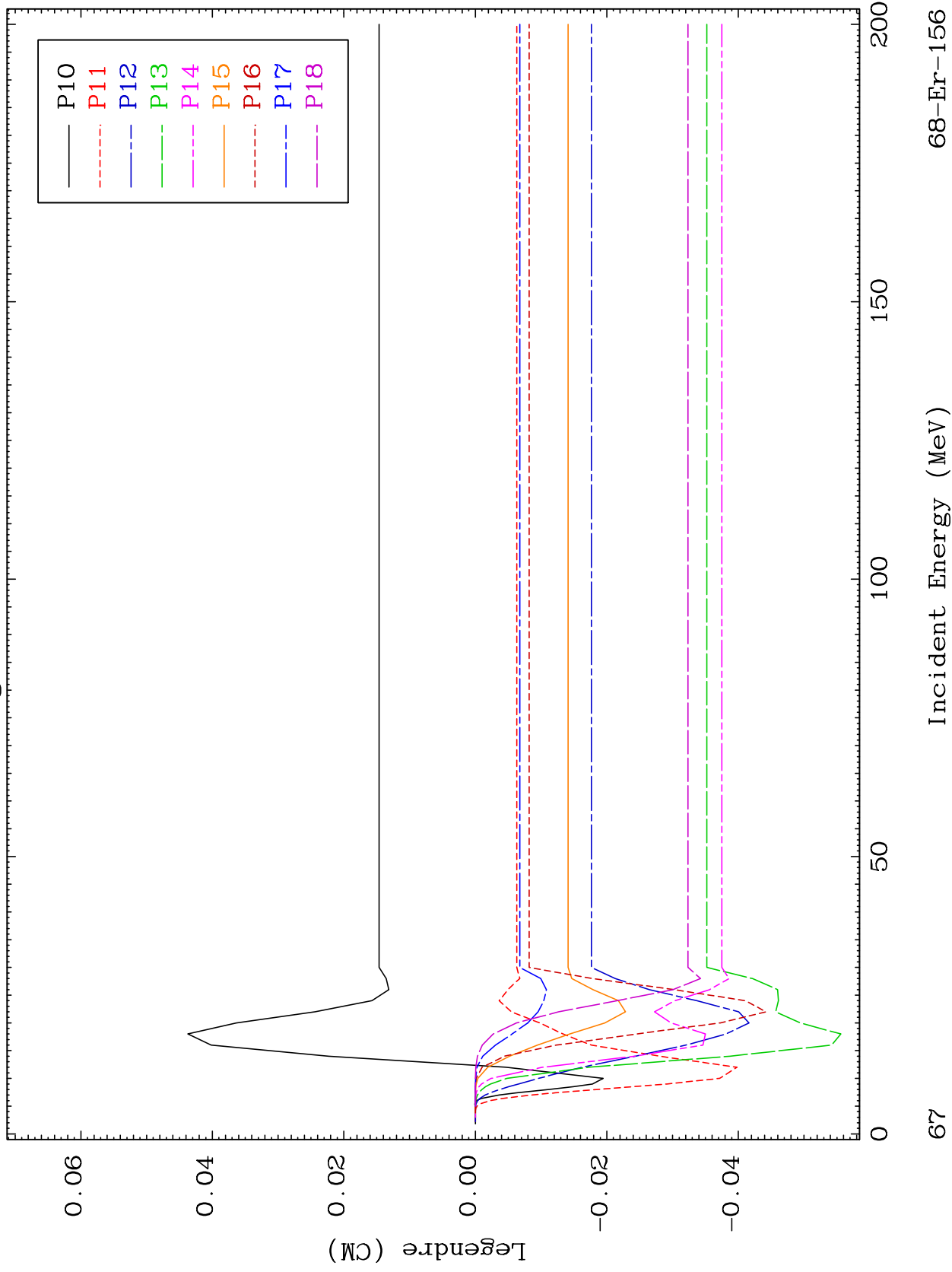




MAT 6807

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

68-Er-156



68-Er-156

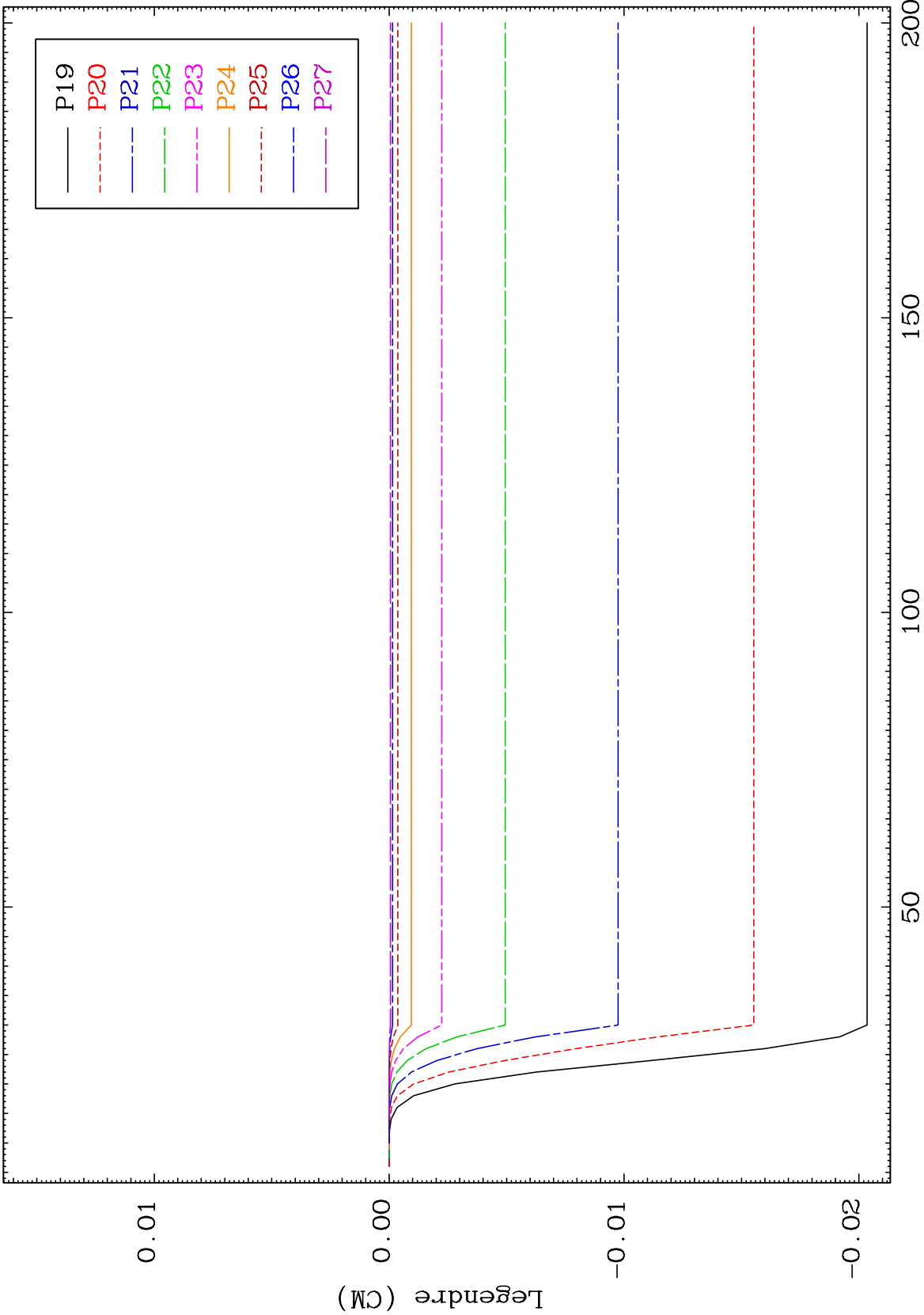
Incident Energy (MeV)

67

MAT 6807

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

68-Er-156

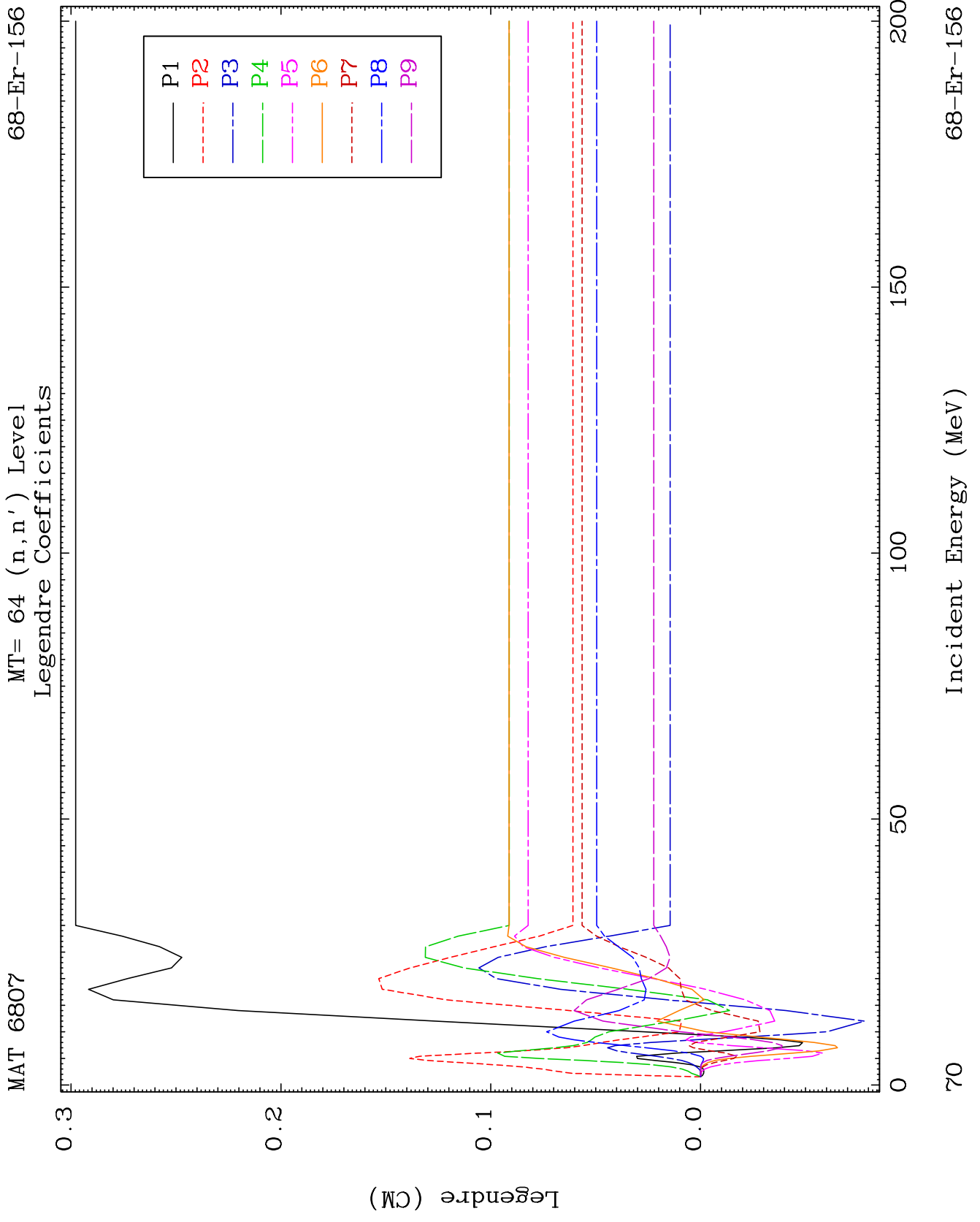


68

Incident Energy (MeV)

68-Er-156

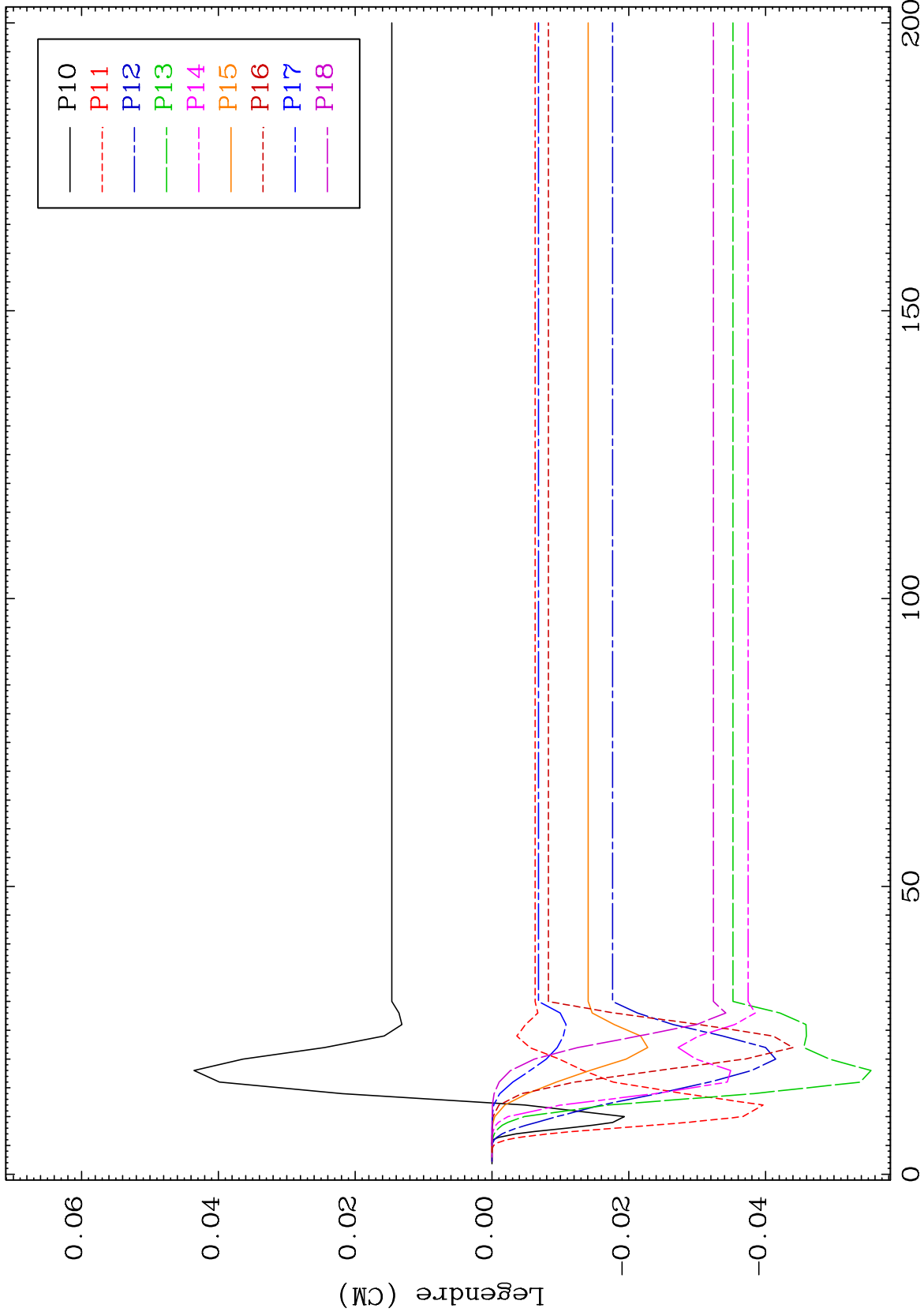




MAT 6807

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

68-Er-156



71

Incident Energy (MeV)

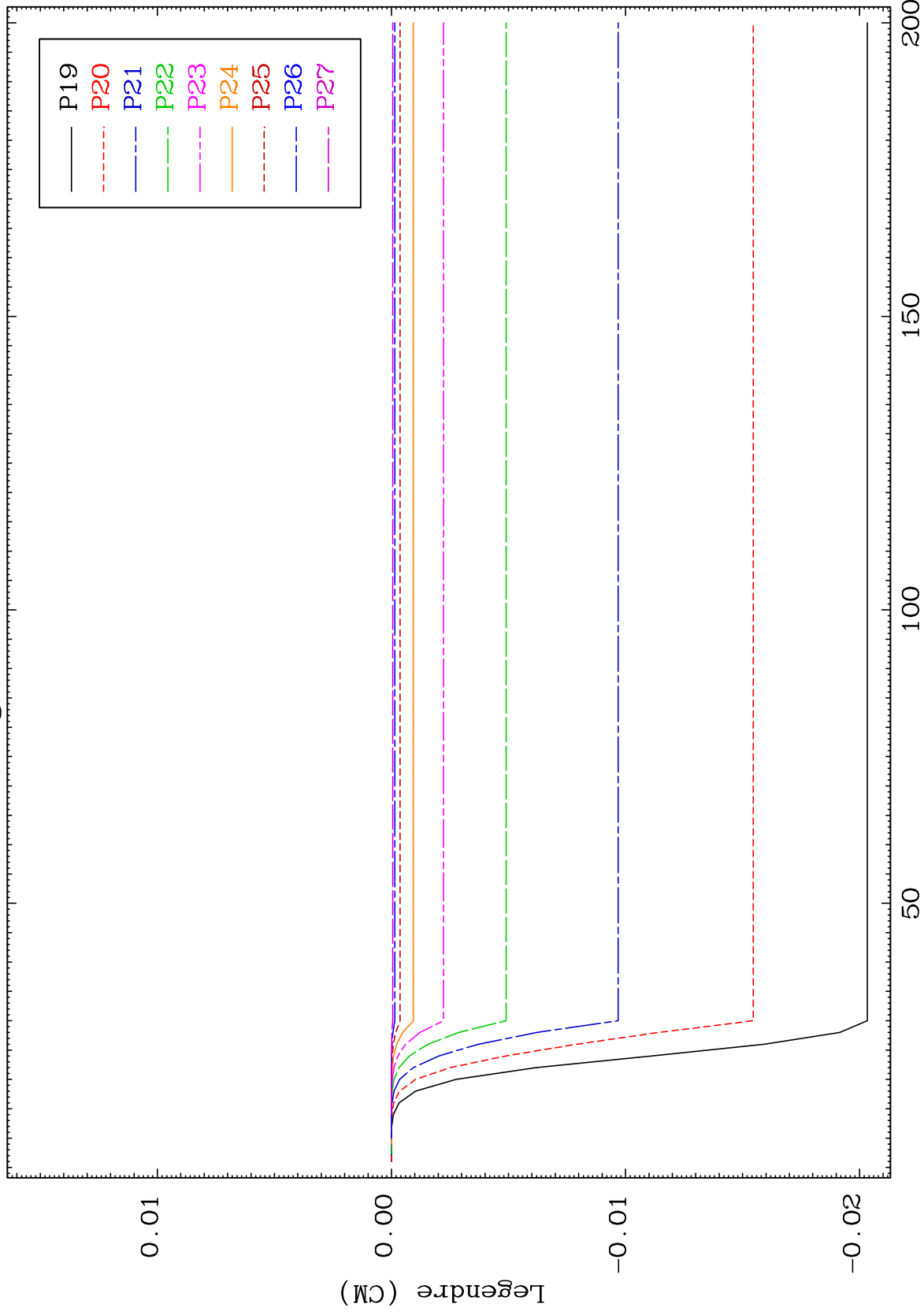
68-Er-156



MAT 6807

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

68-Er-156



72

Incident Energy (MeV)

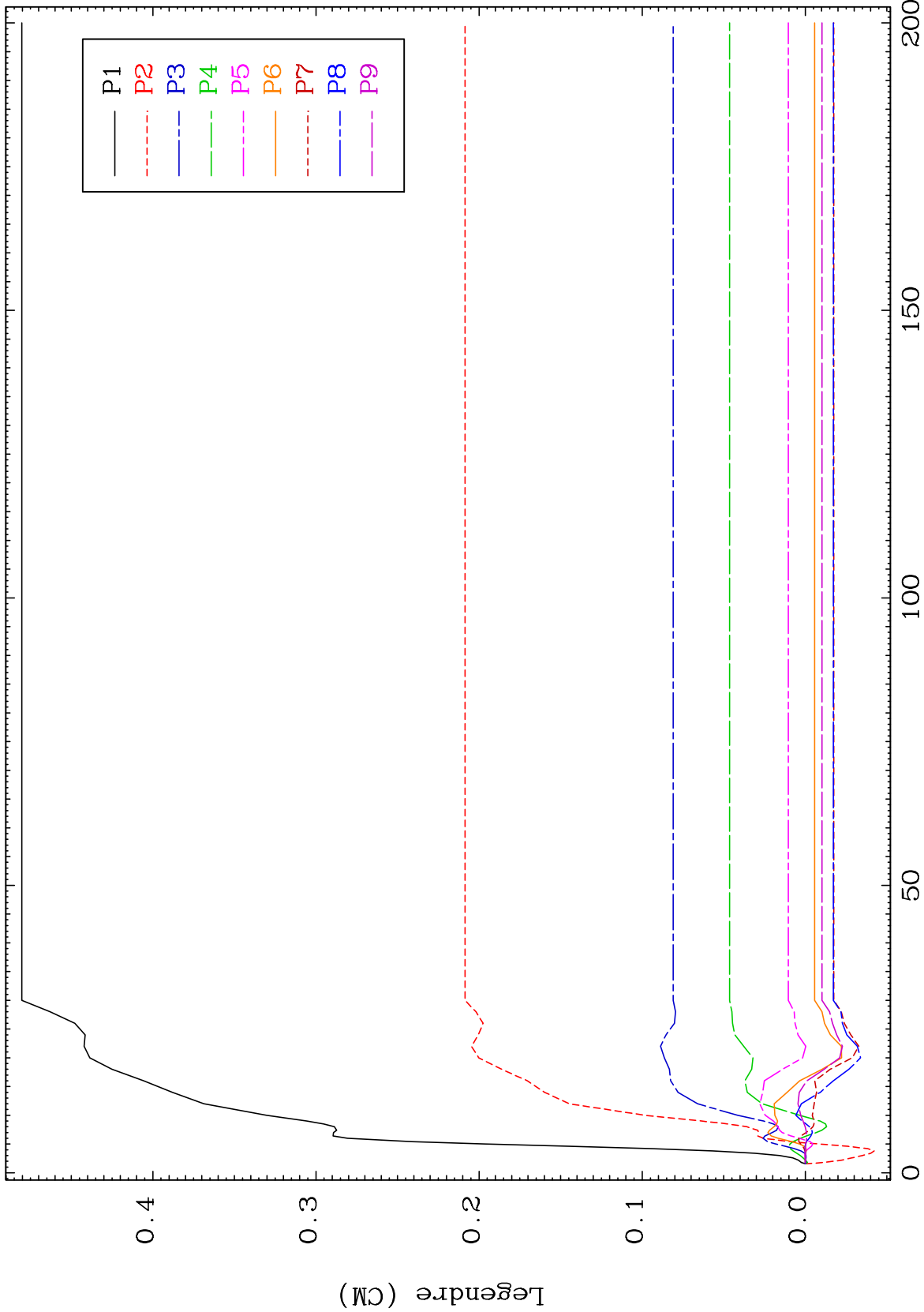
68-Er-156



MAT 6807

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

68-Er-156



74

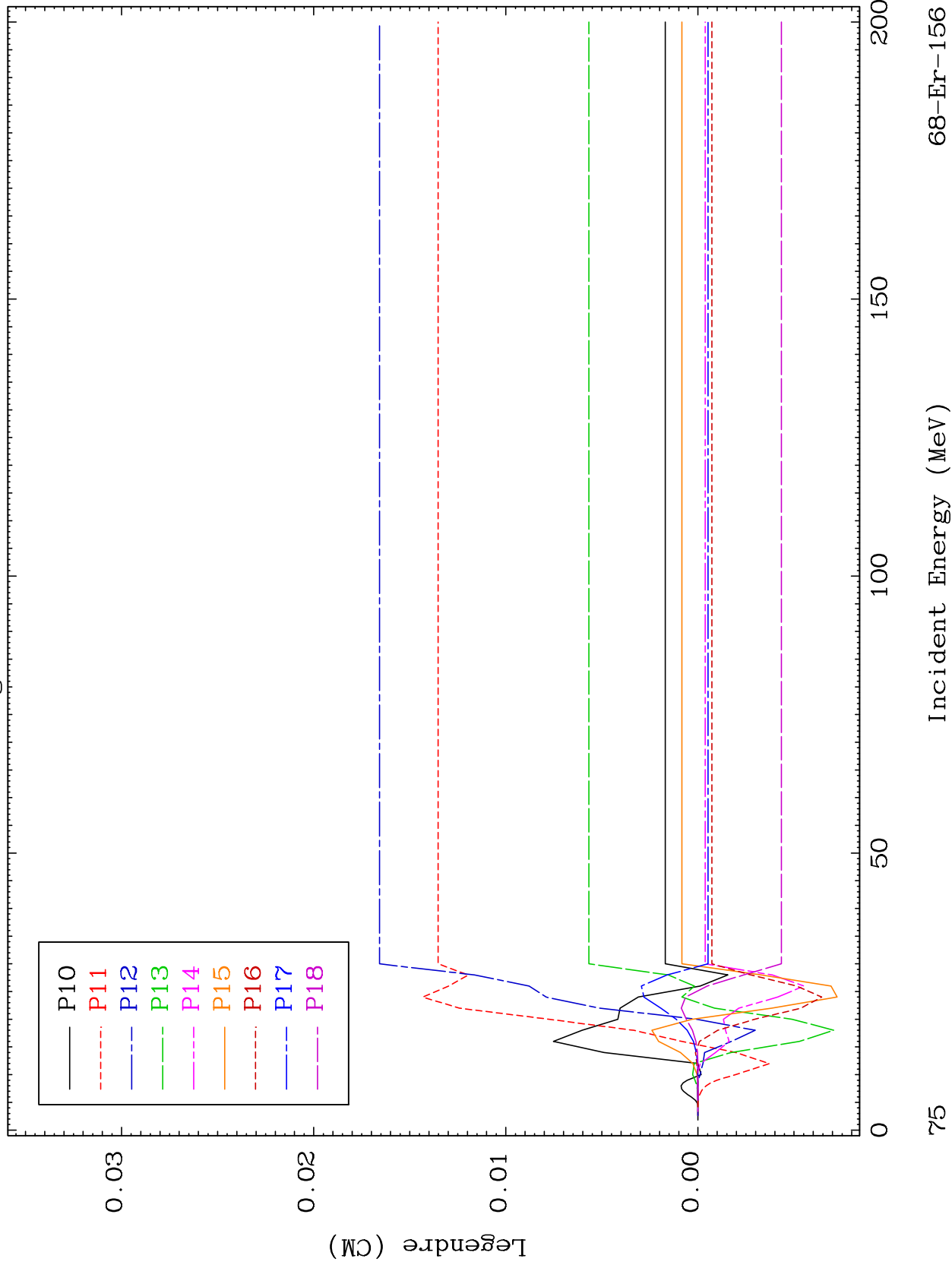
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



68-Er-156

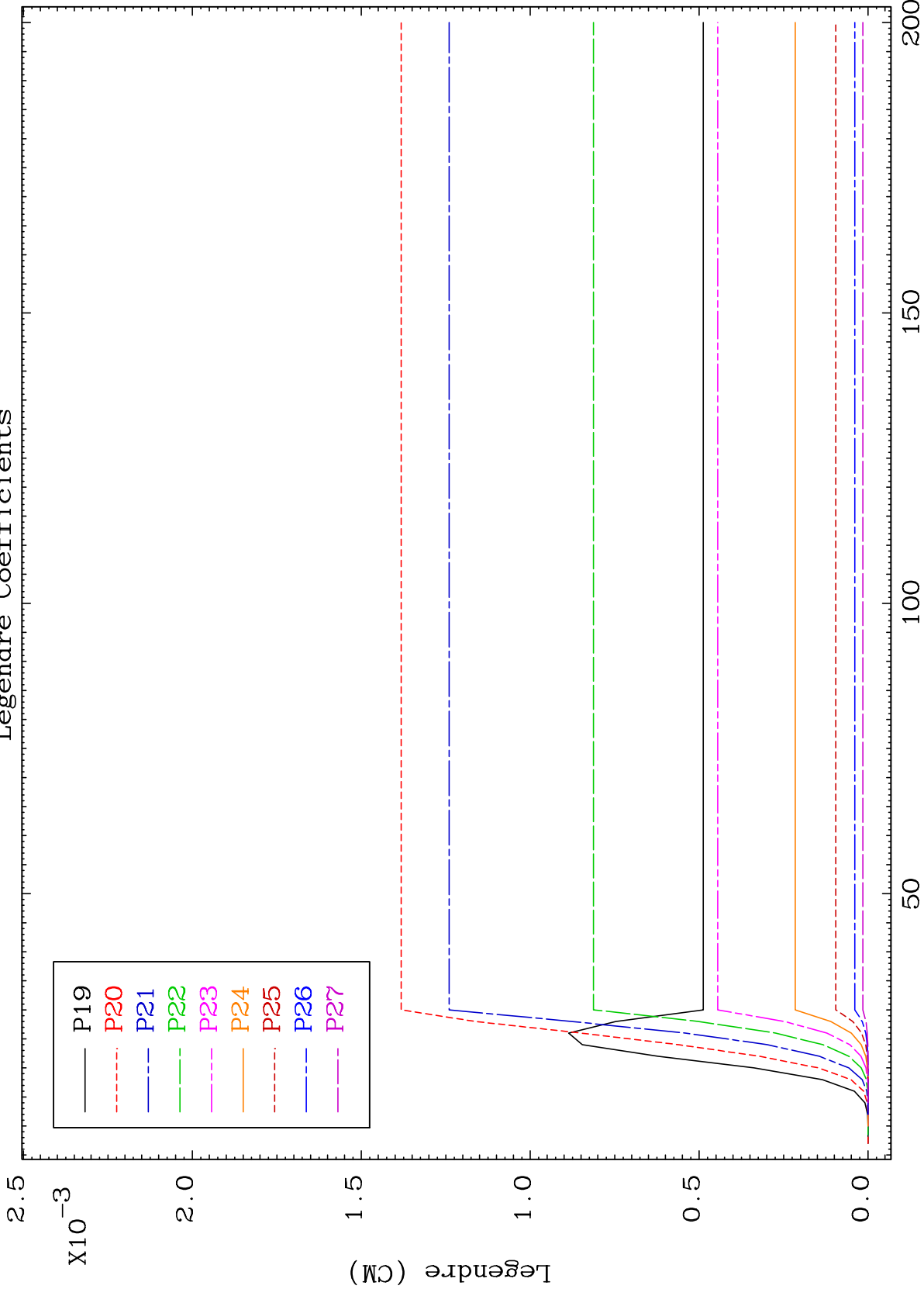
Incident Energy (MeV)

75

MAT 6807

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

68-Er-156



76

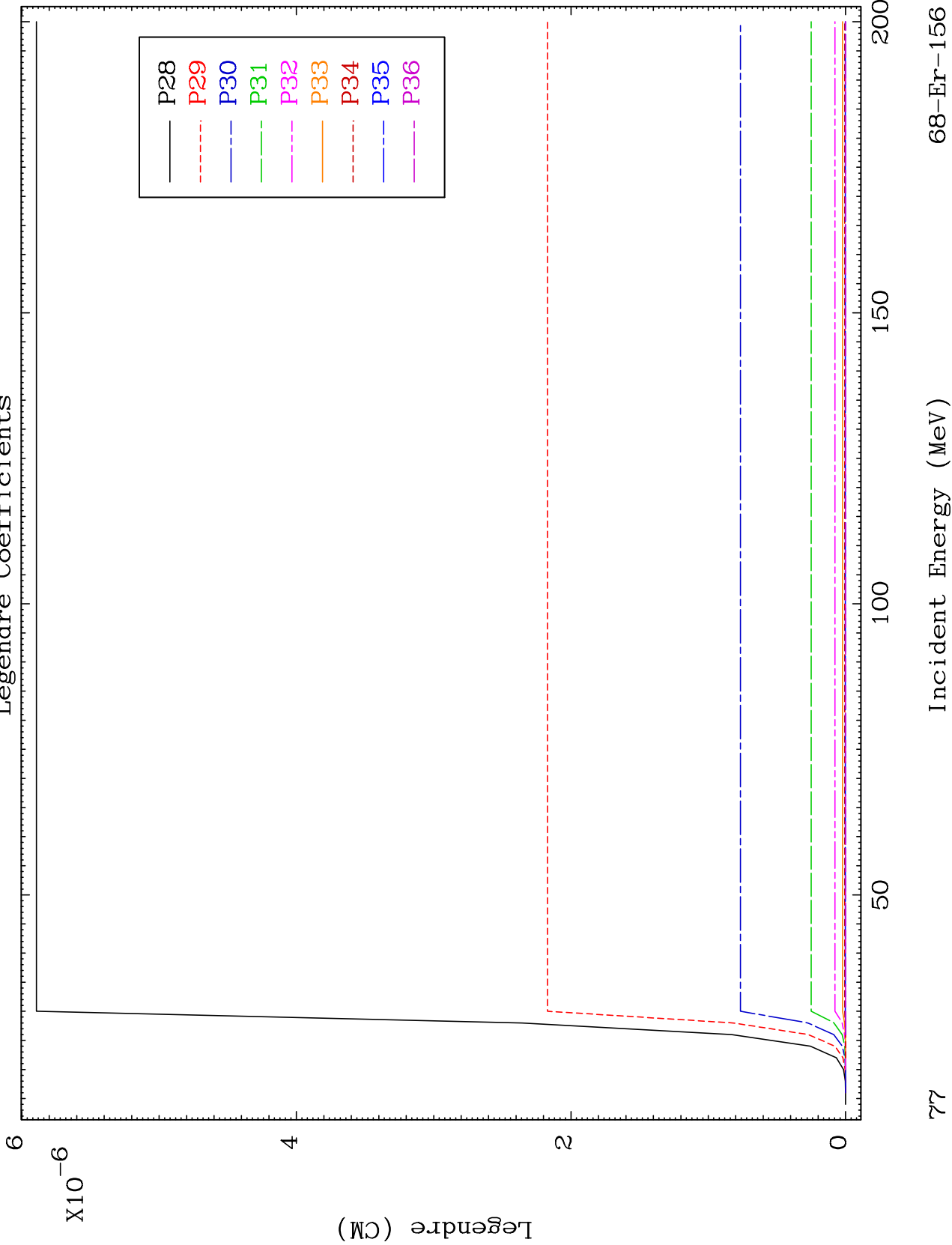
Incident Energy (MeV)

68-Er-156

MAT 6807

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

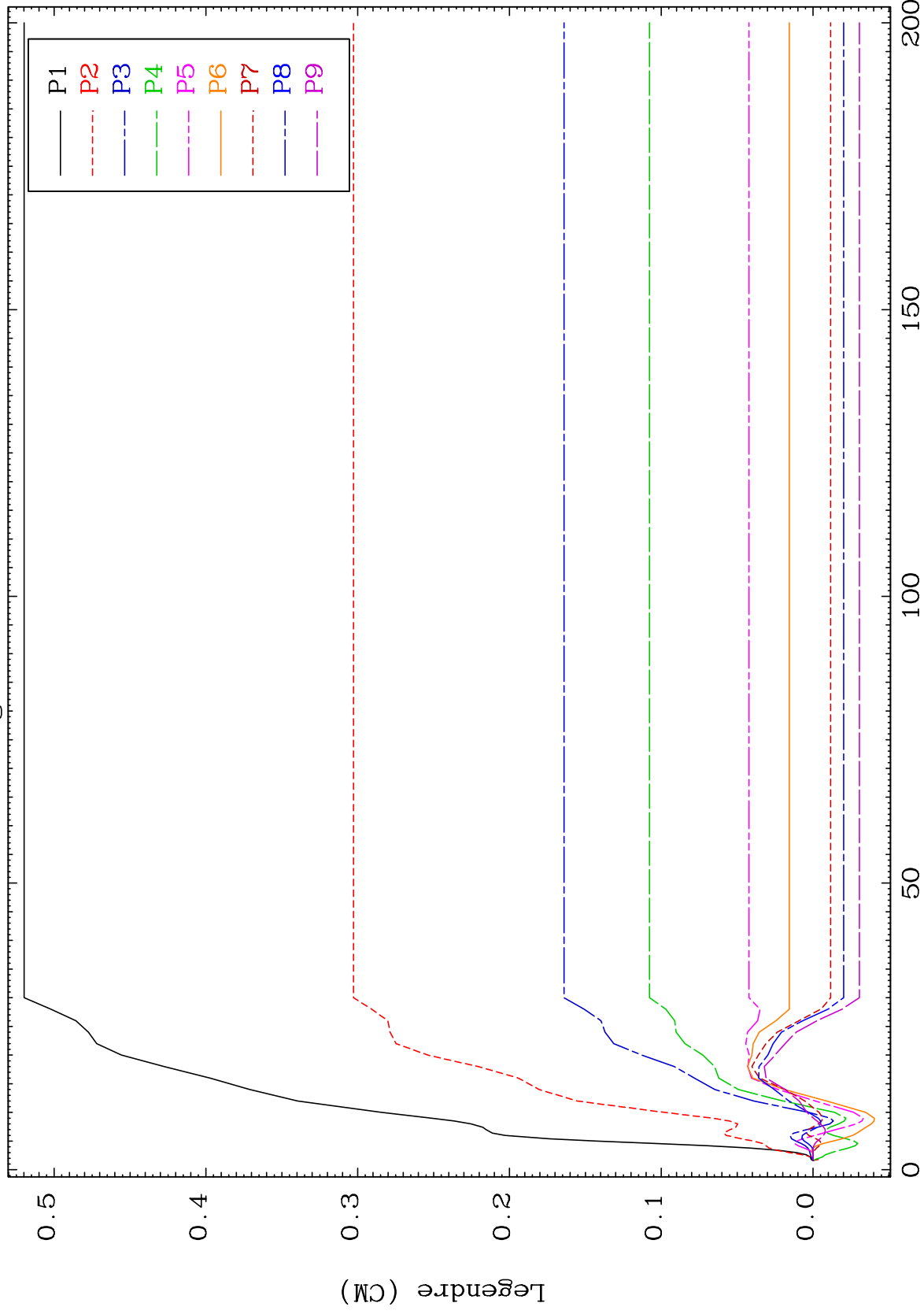
68-Er-156



MAT 6807

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

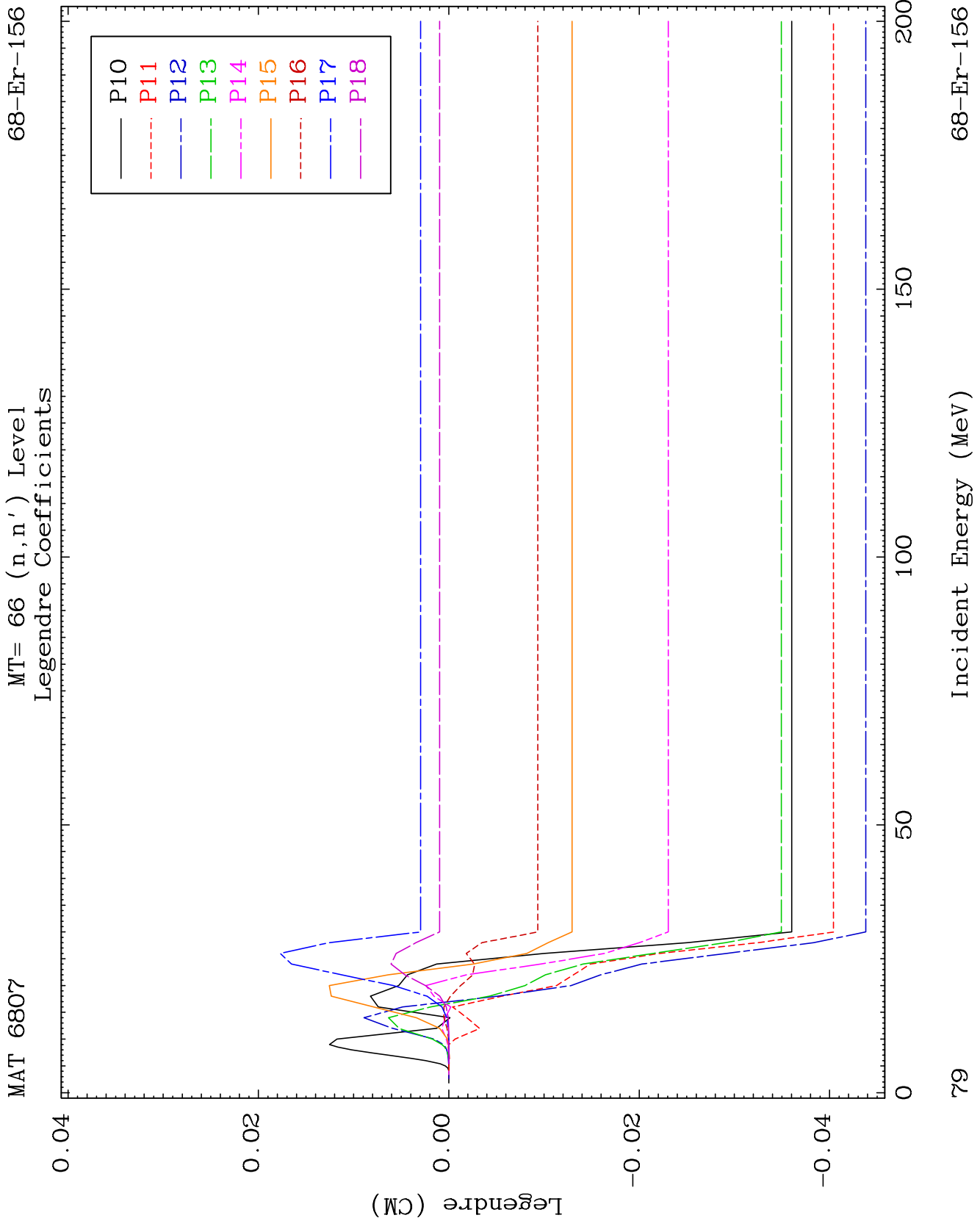
68-Er-156



78

Incident Energy (MeV)

68-Er-156

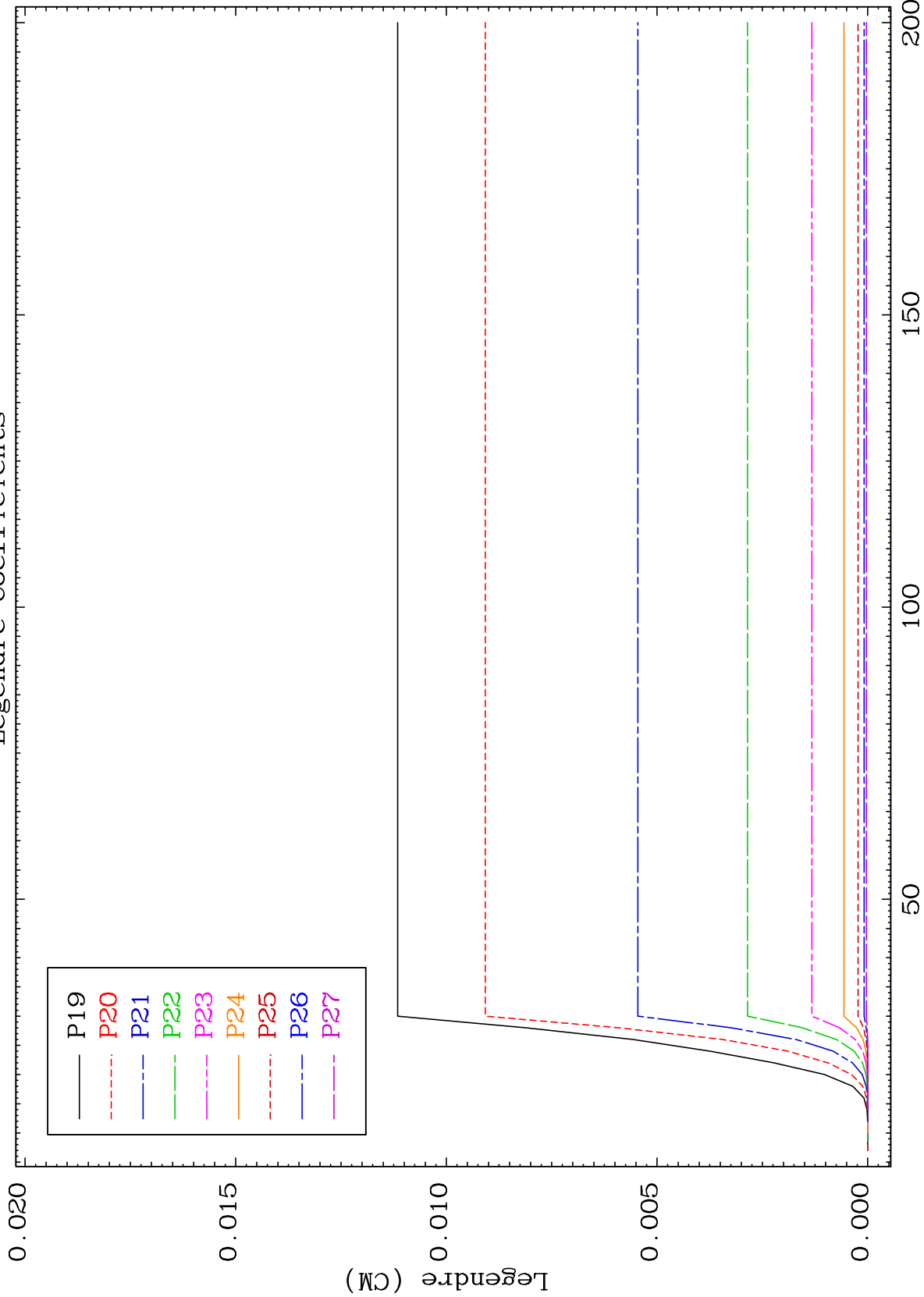




MAT 6807

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

68-Er-156



80

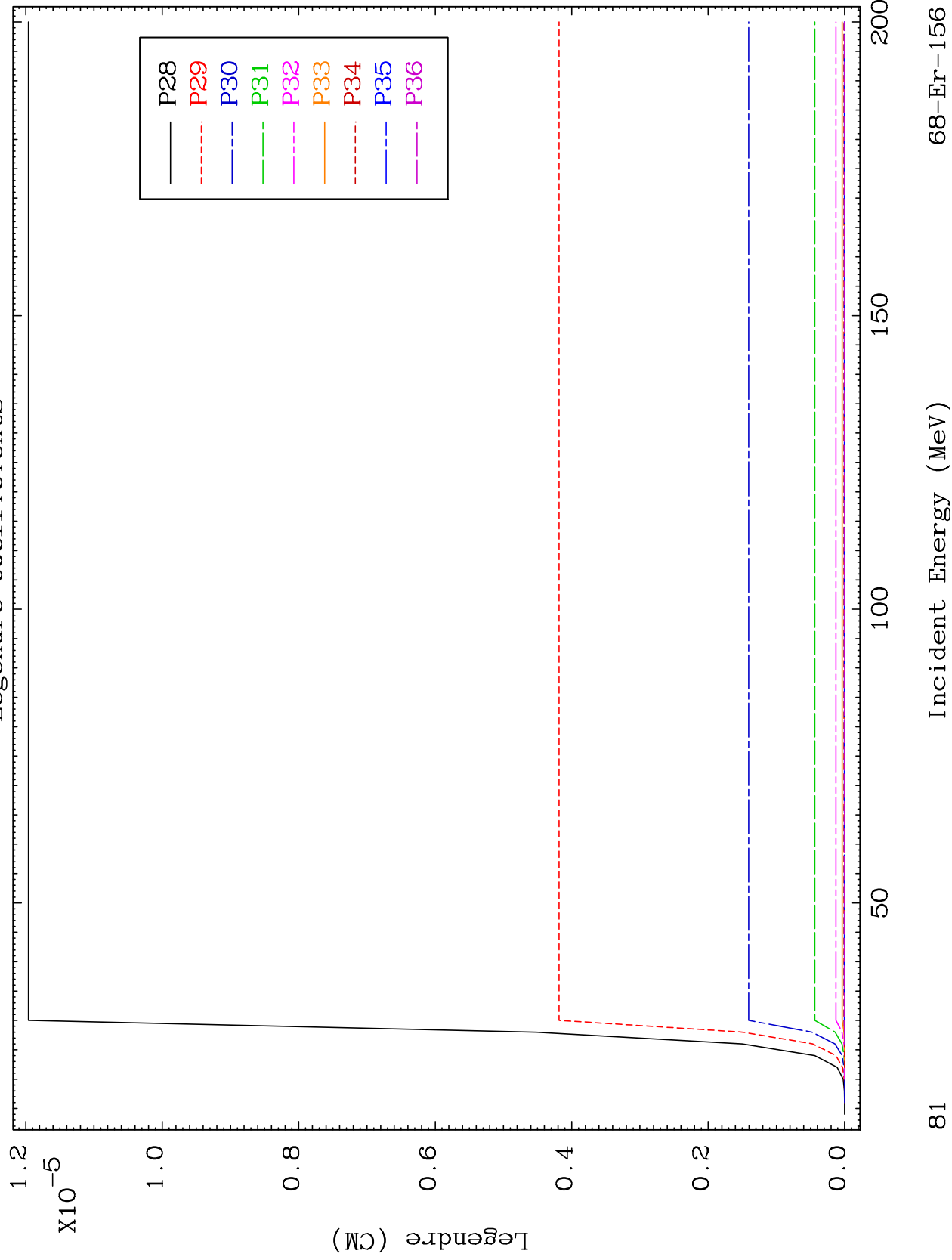
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



81

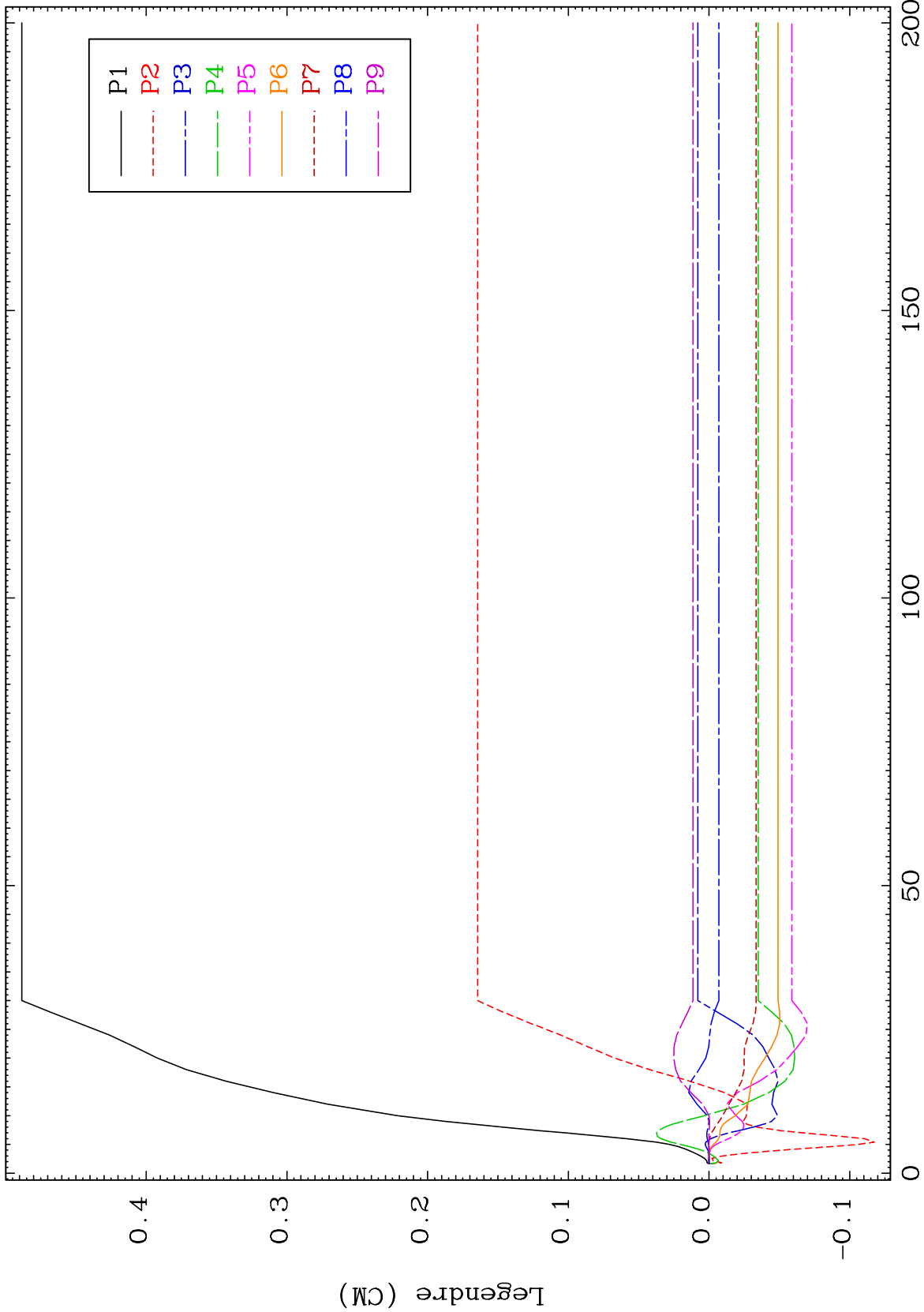
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



82

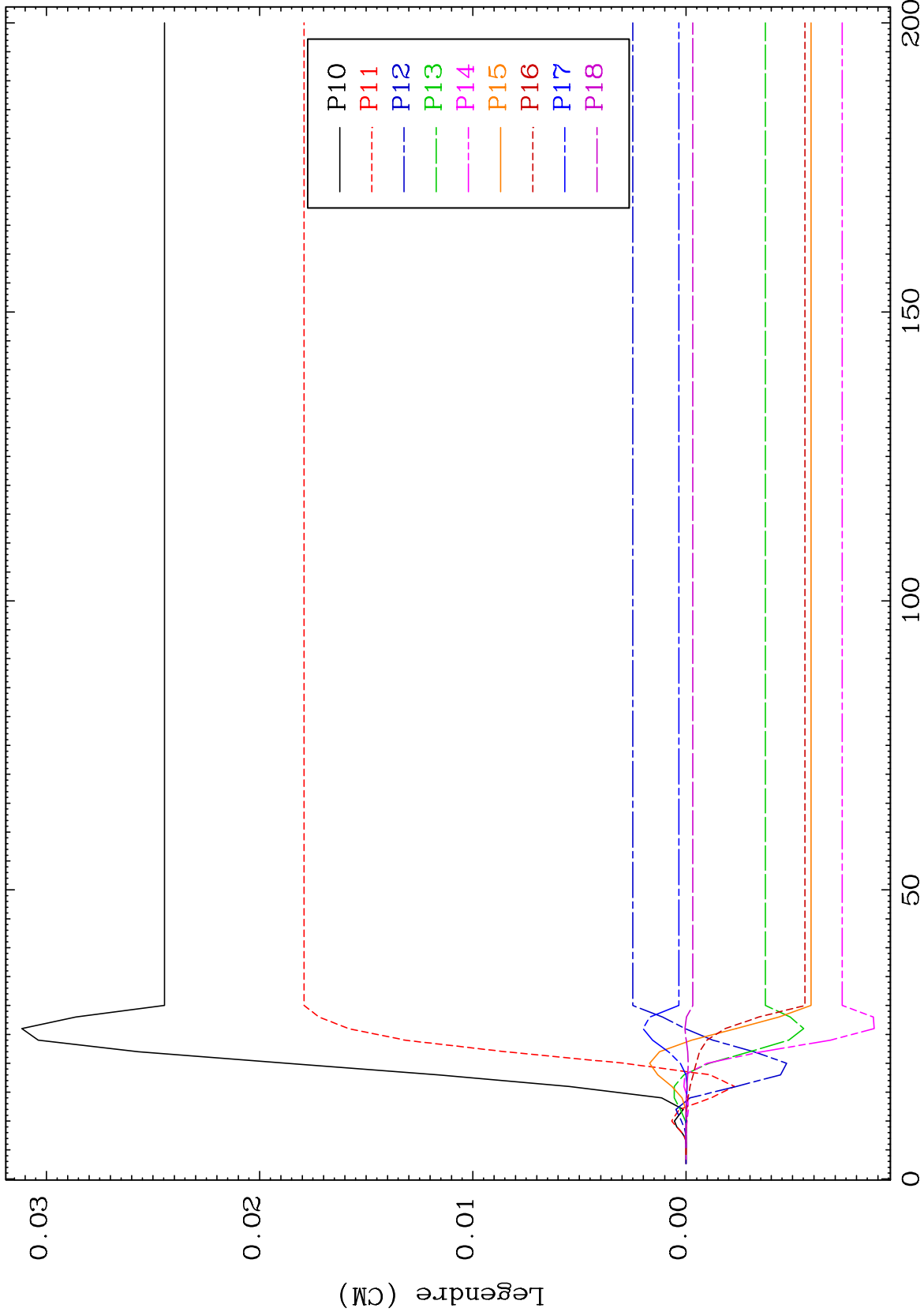
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



83

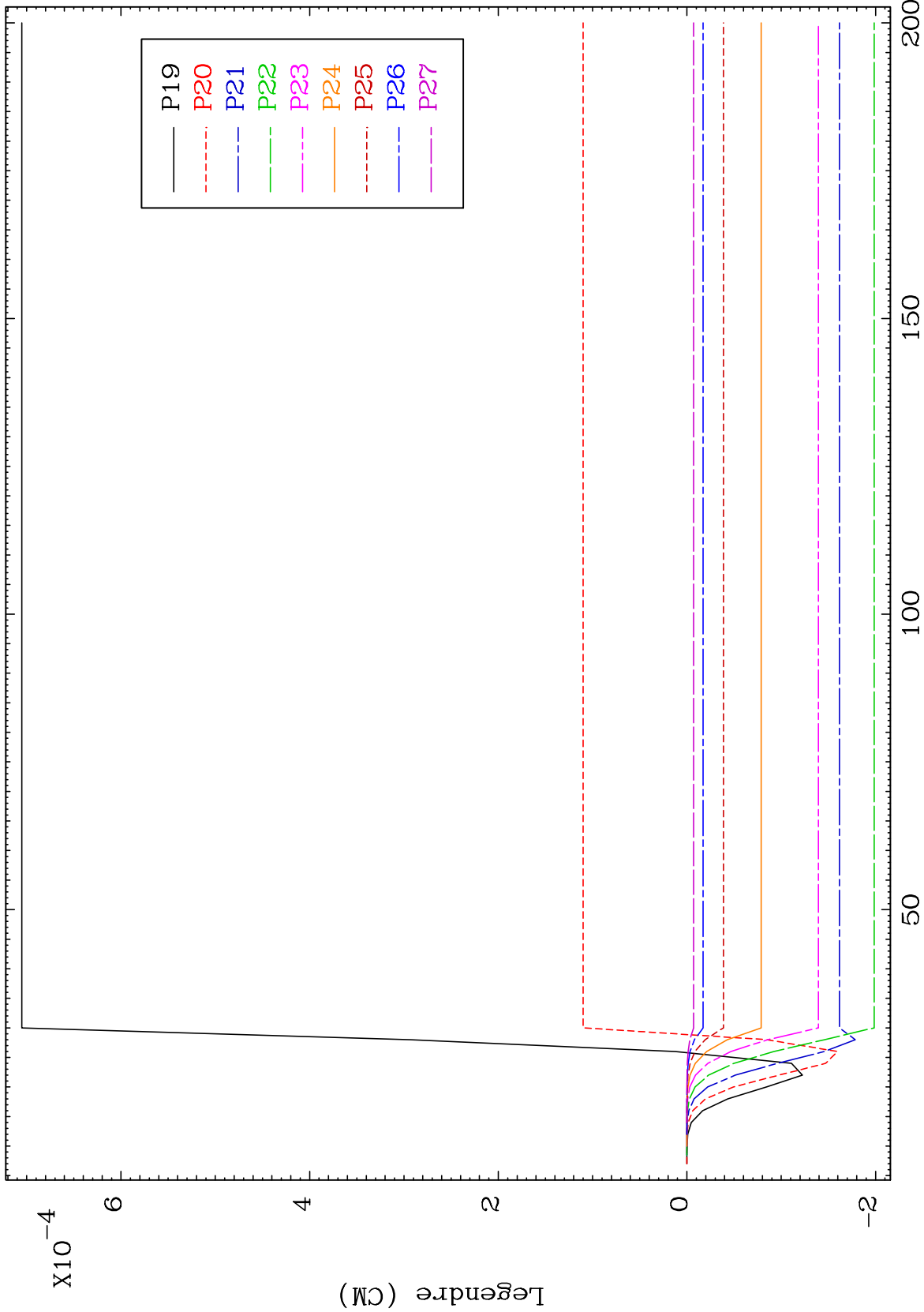
Incident Energy (MeV)

68-Er-156

MAT 6807

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

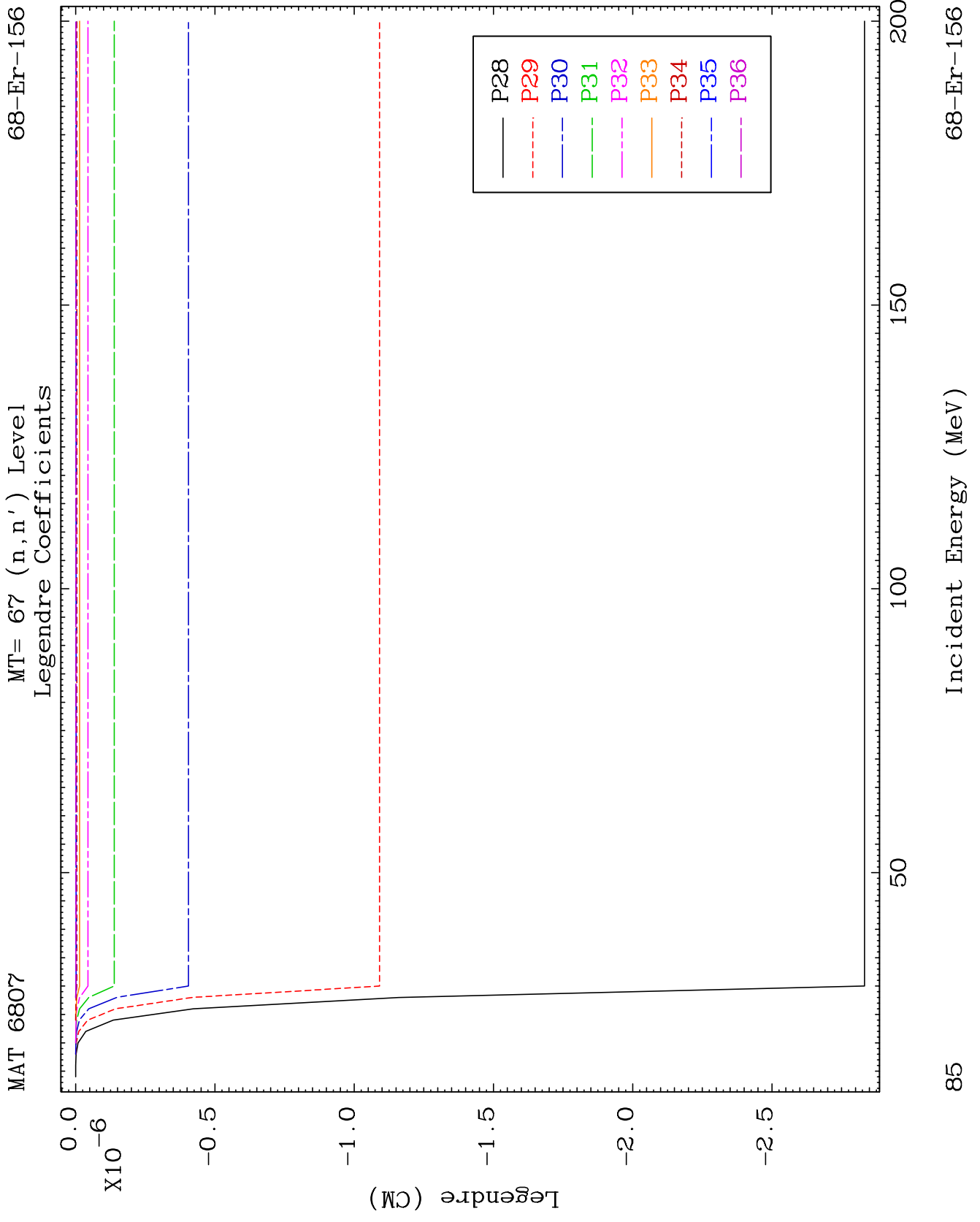
68-Er-156



84

Incident Energy (MeV)

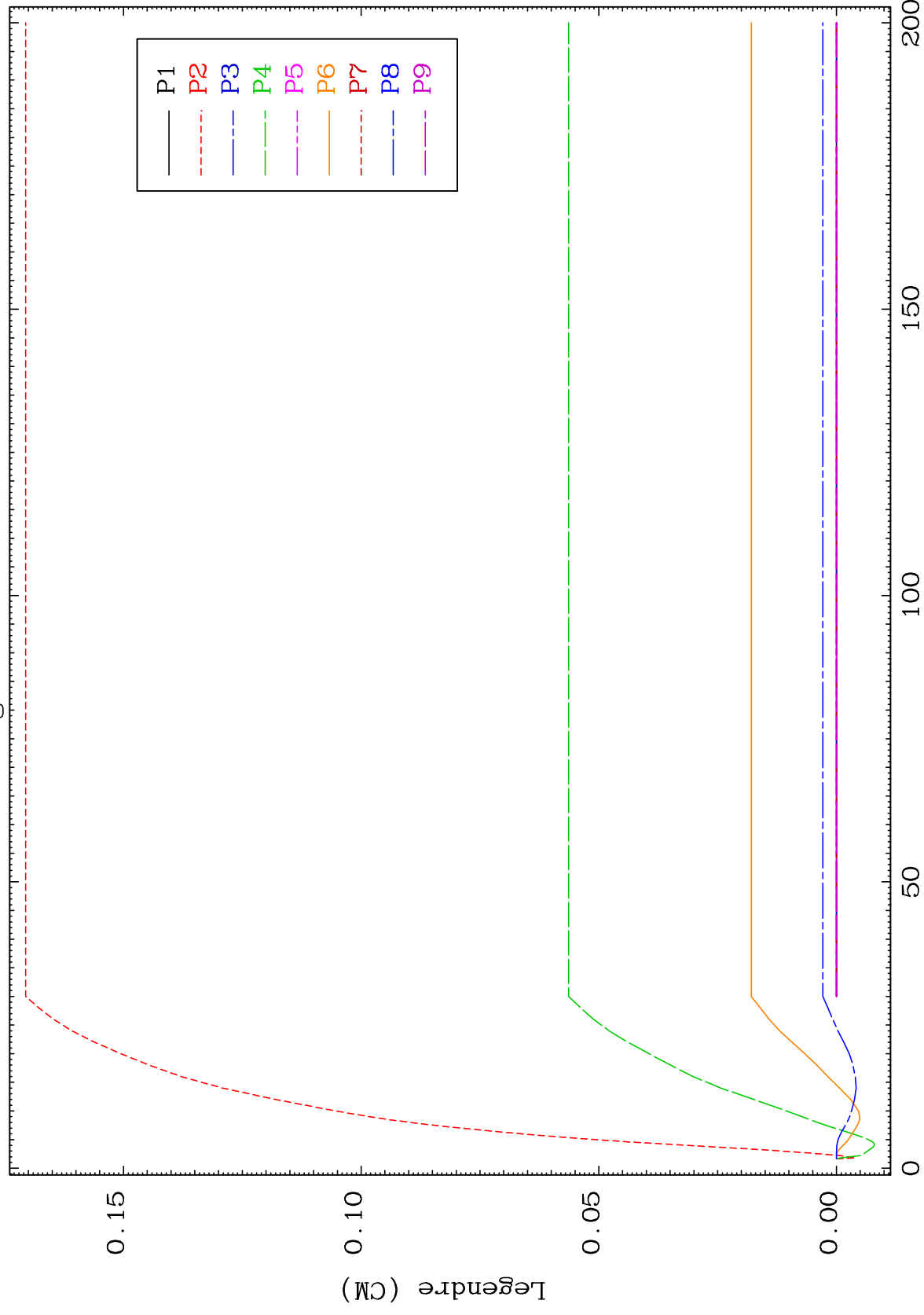
68-Er-156



MAT 6807

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

68-Er-156



86

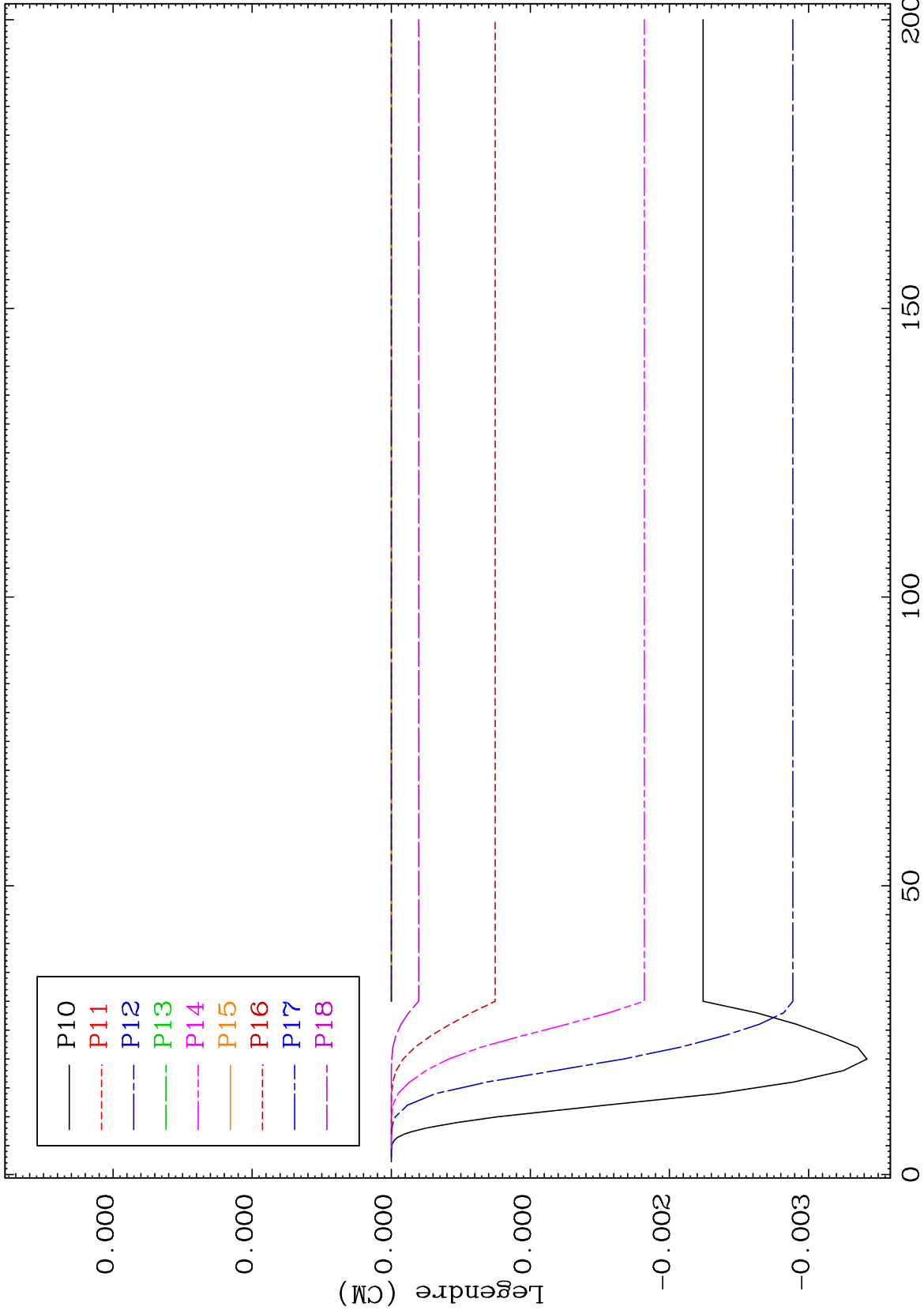
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156

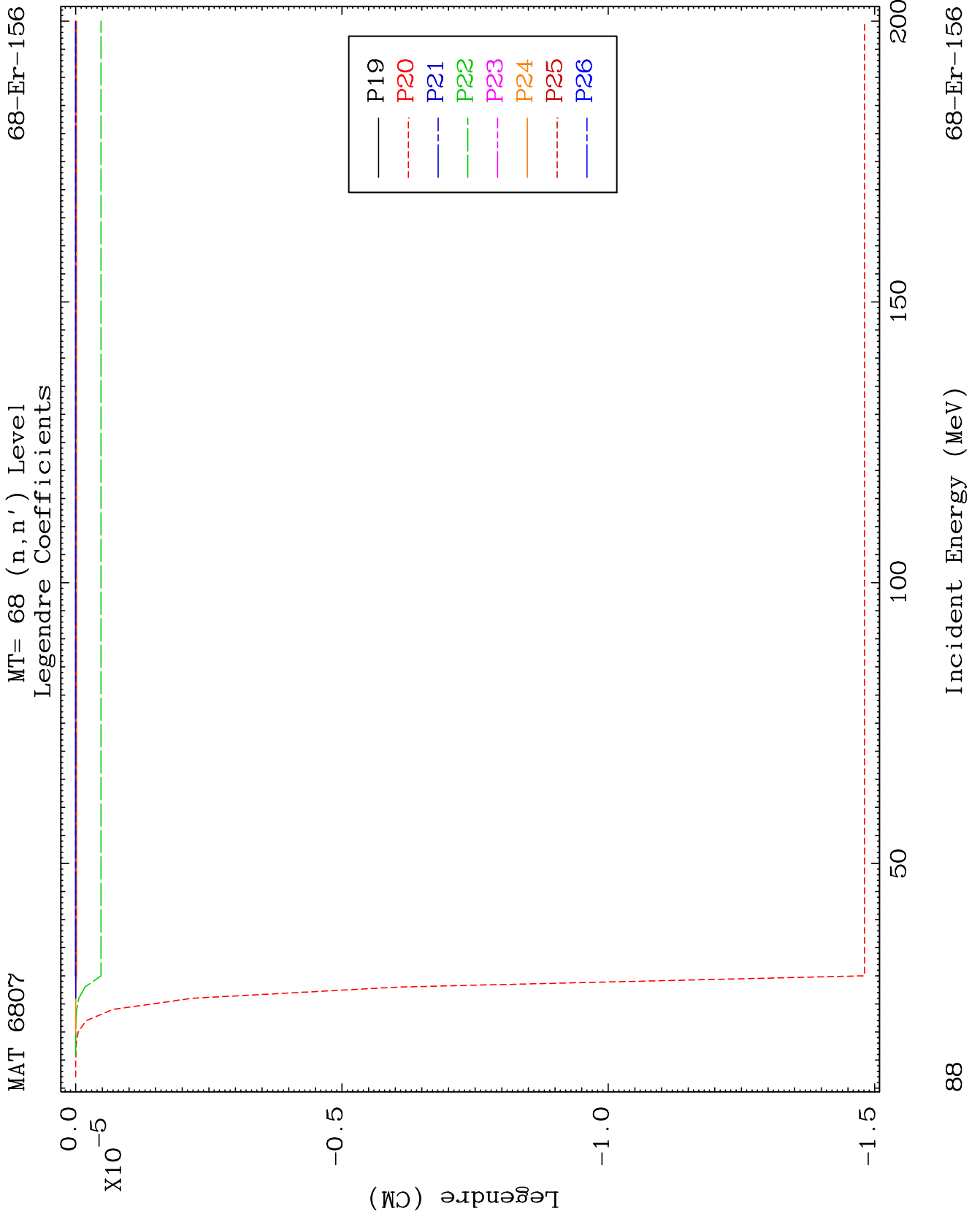


87

Incident Energy (MeV)

68-Er-156

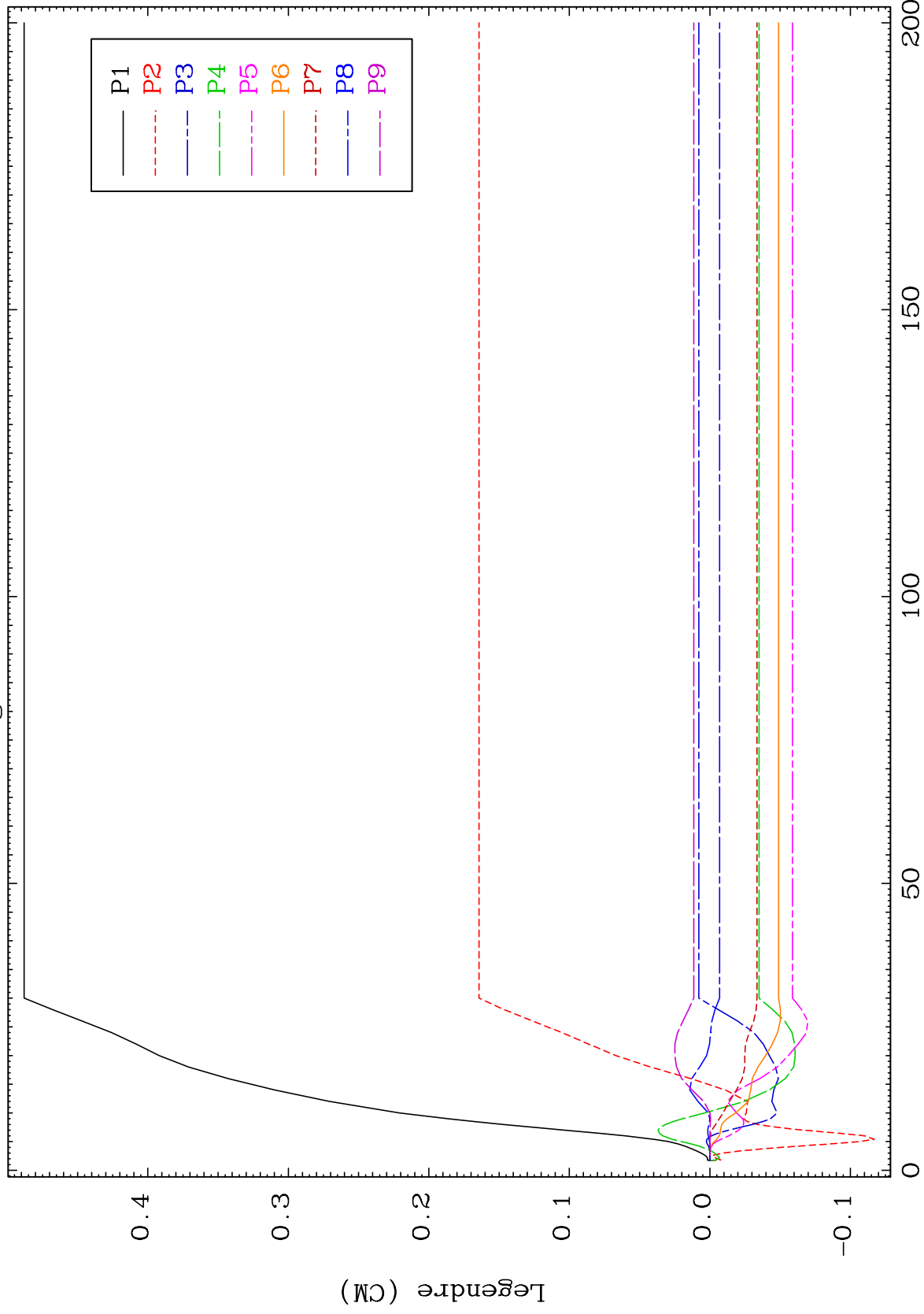




MAT 6807

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

68-Er-156



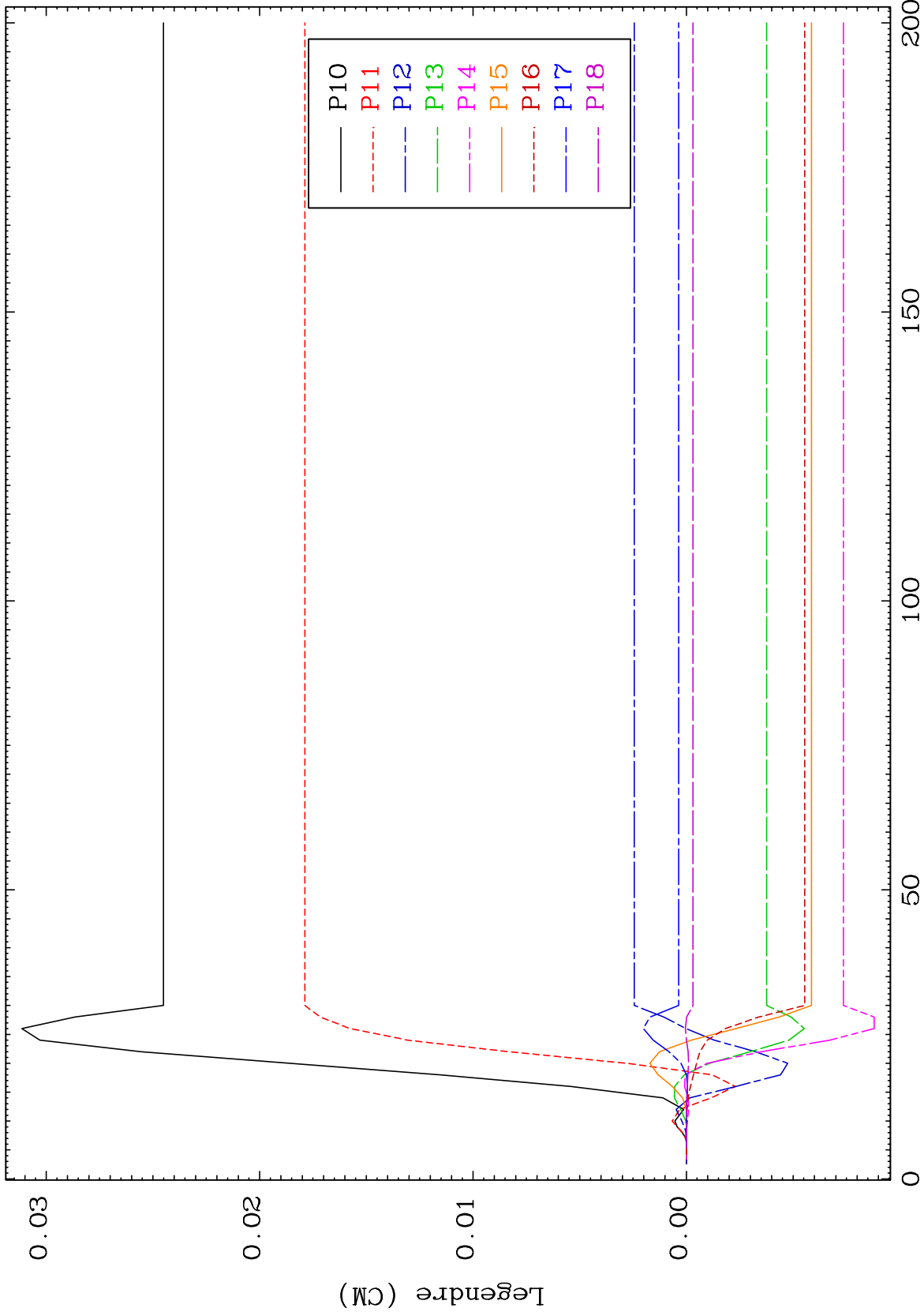
89

68-Er-156

MAT 6807

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

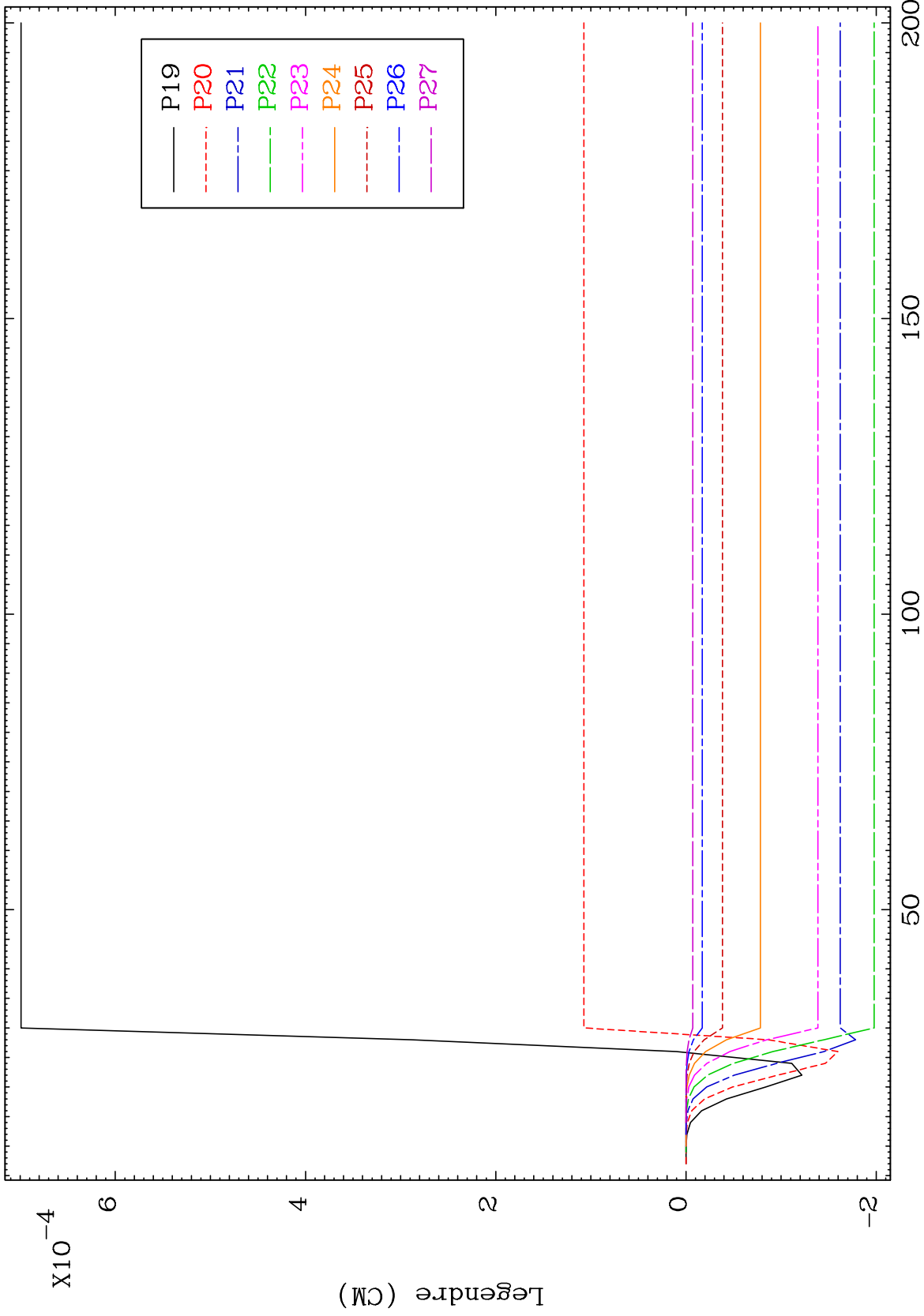
68-Er-156

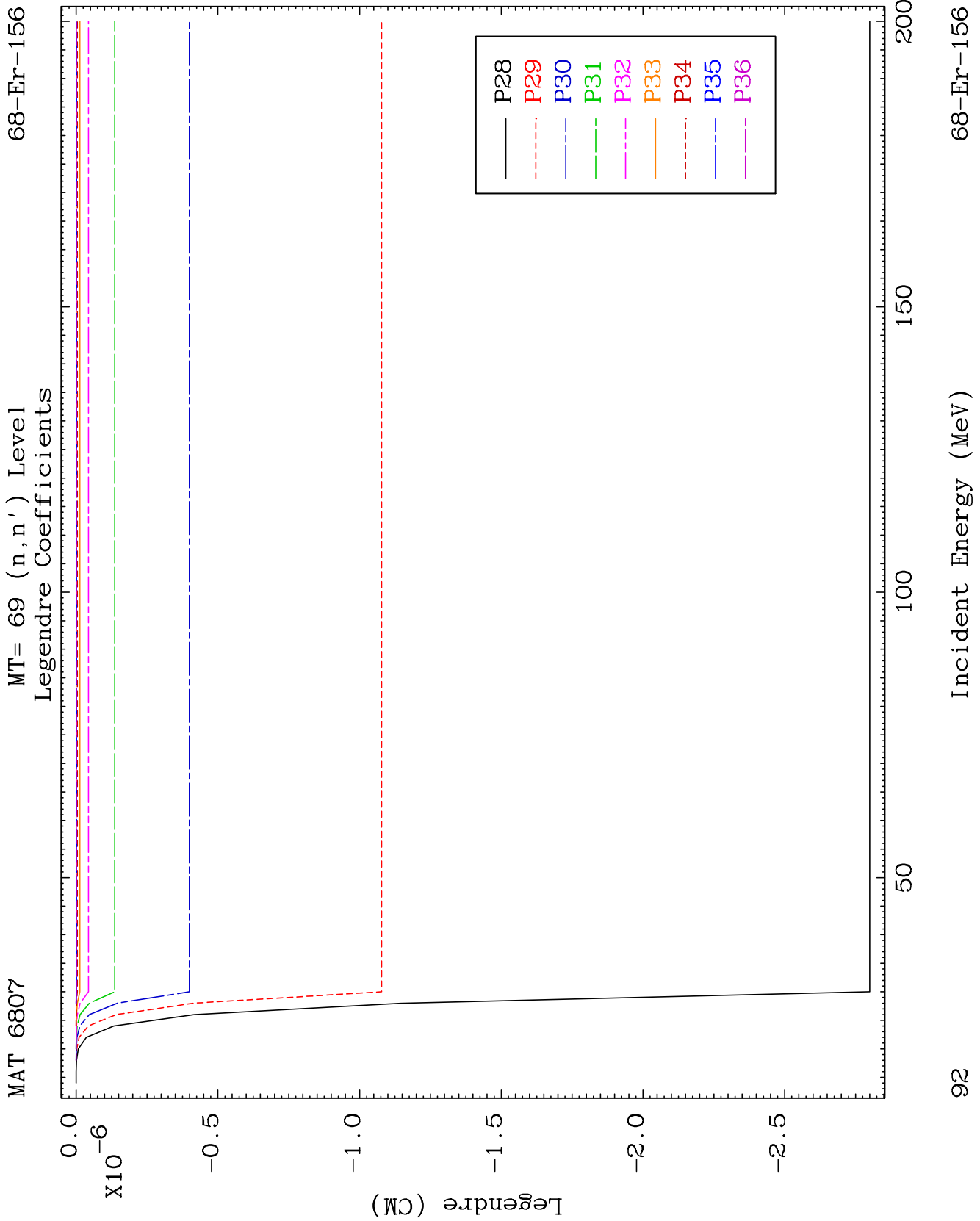


90

Incident Energy (MeV)

68-Er-156

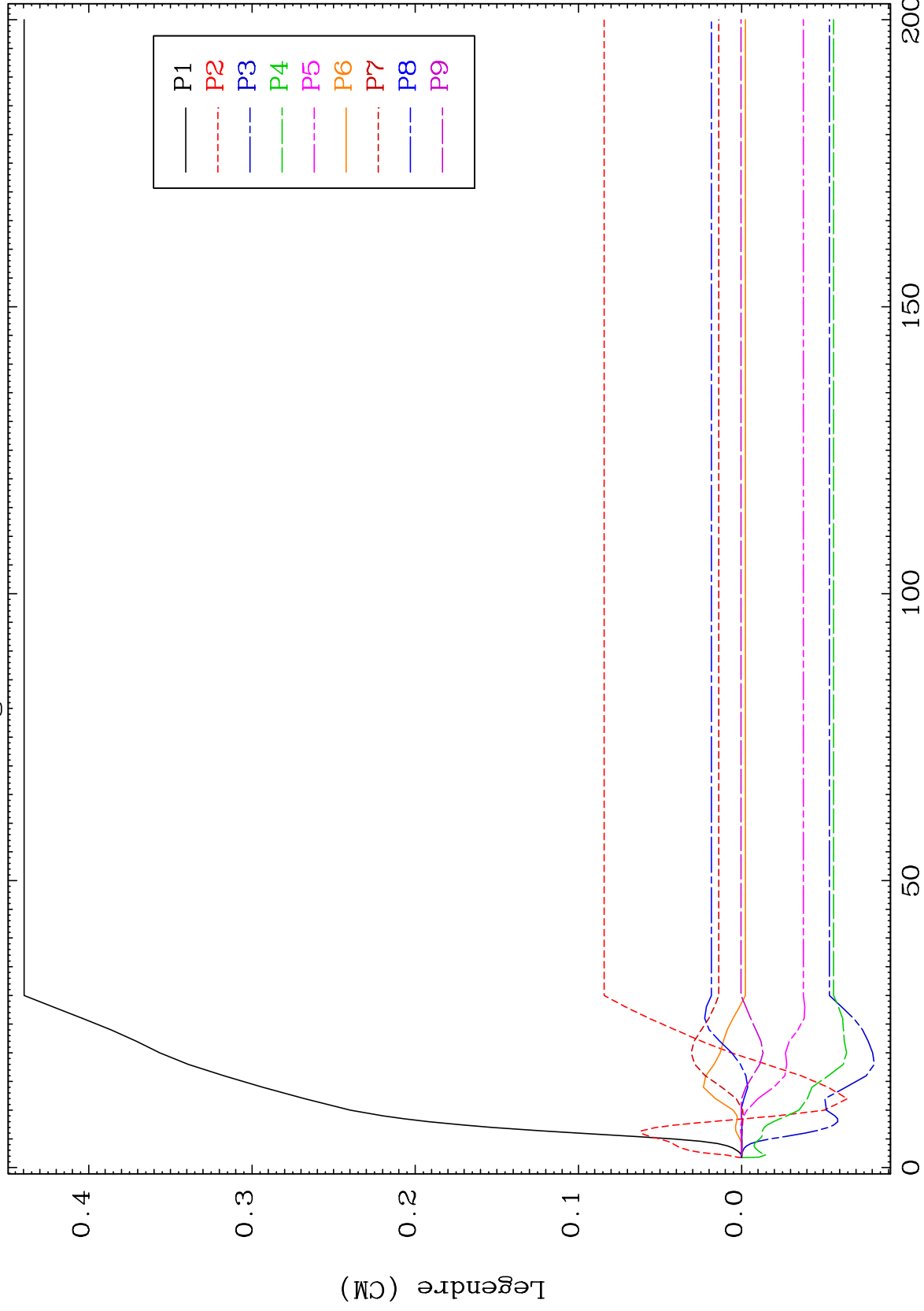




MAT 6807

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

68-Er-156



93

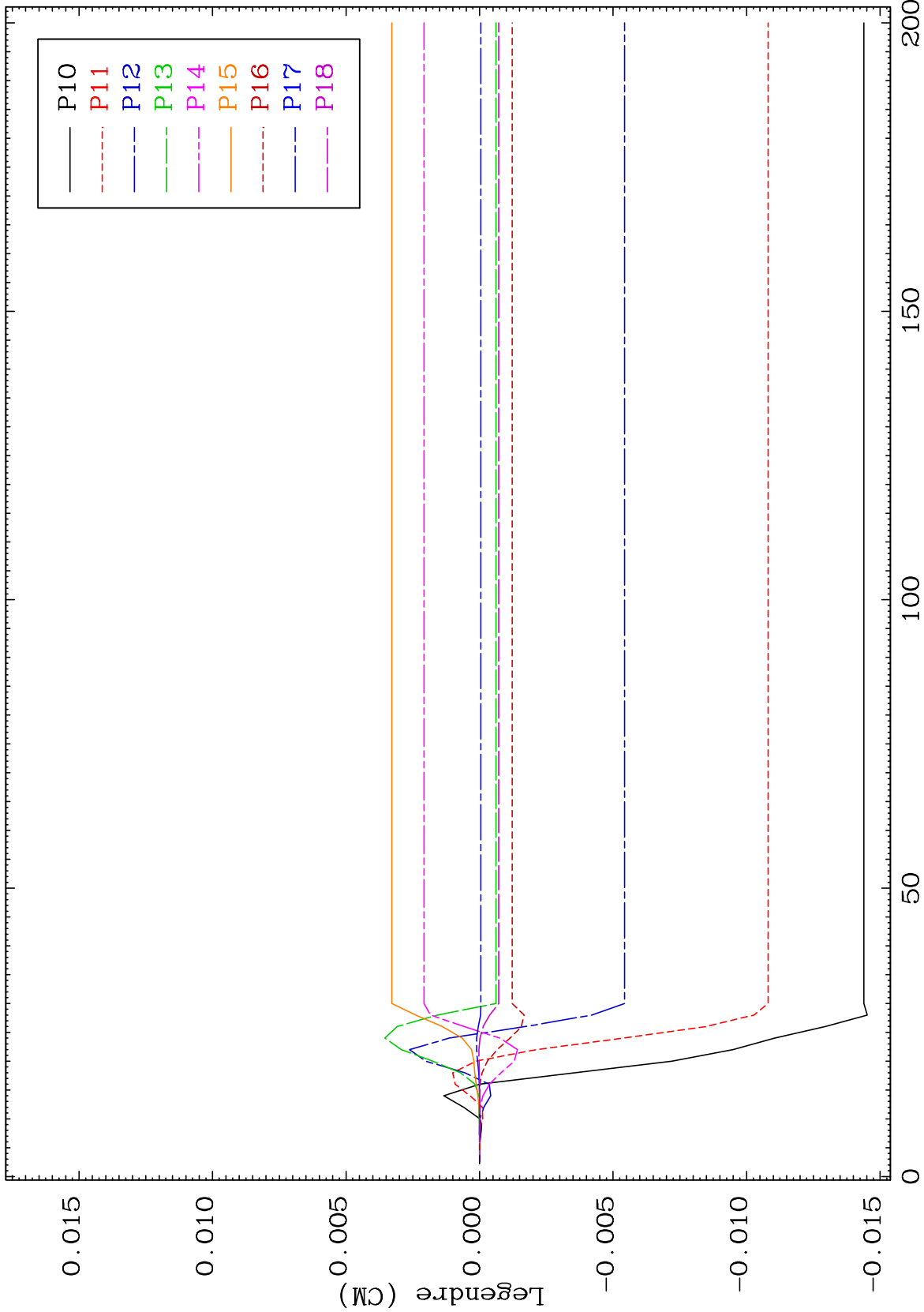
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



94

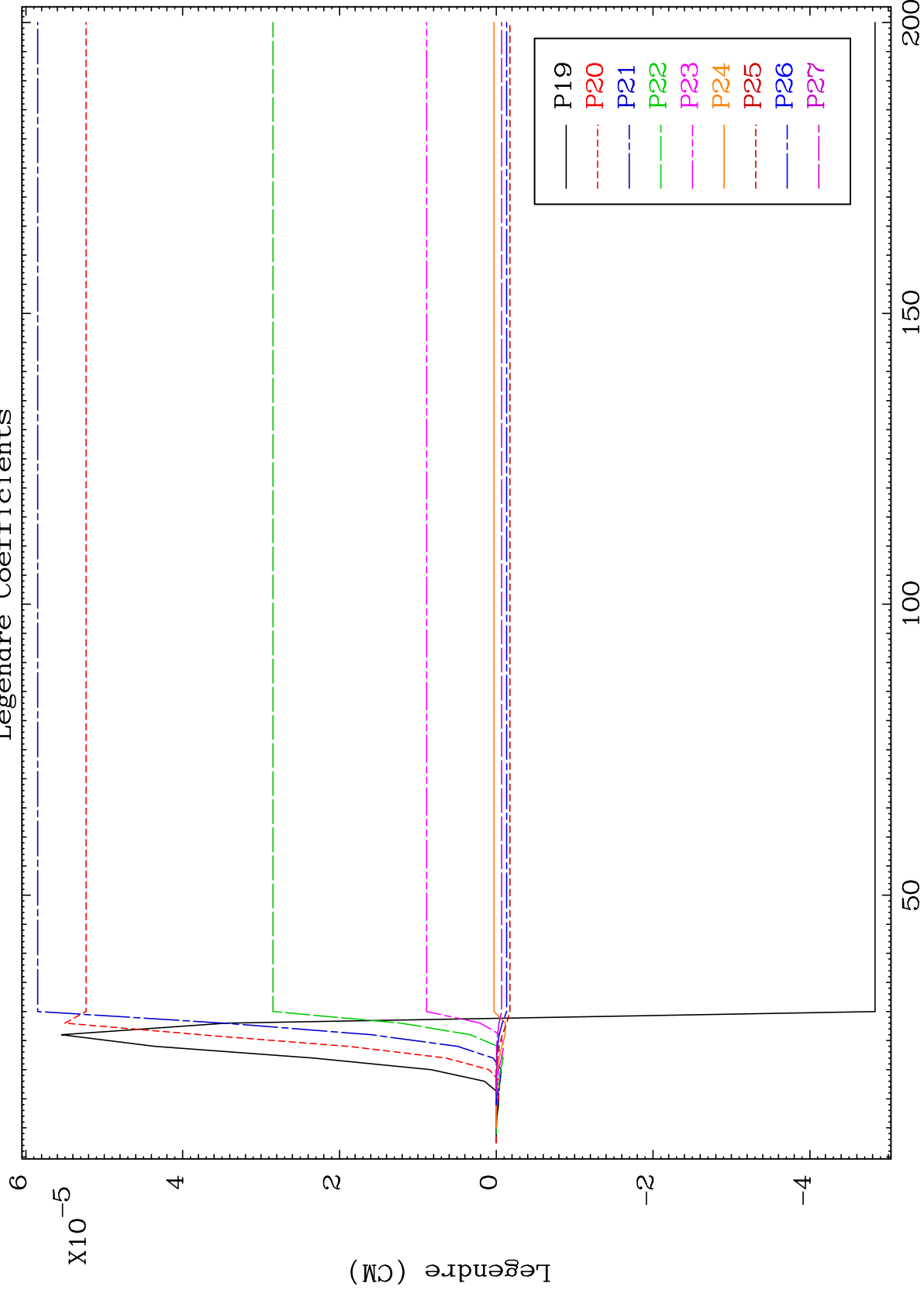
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156

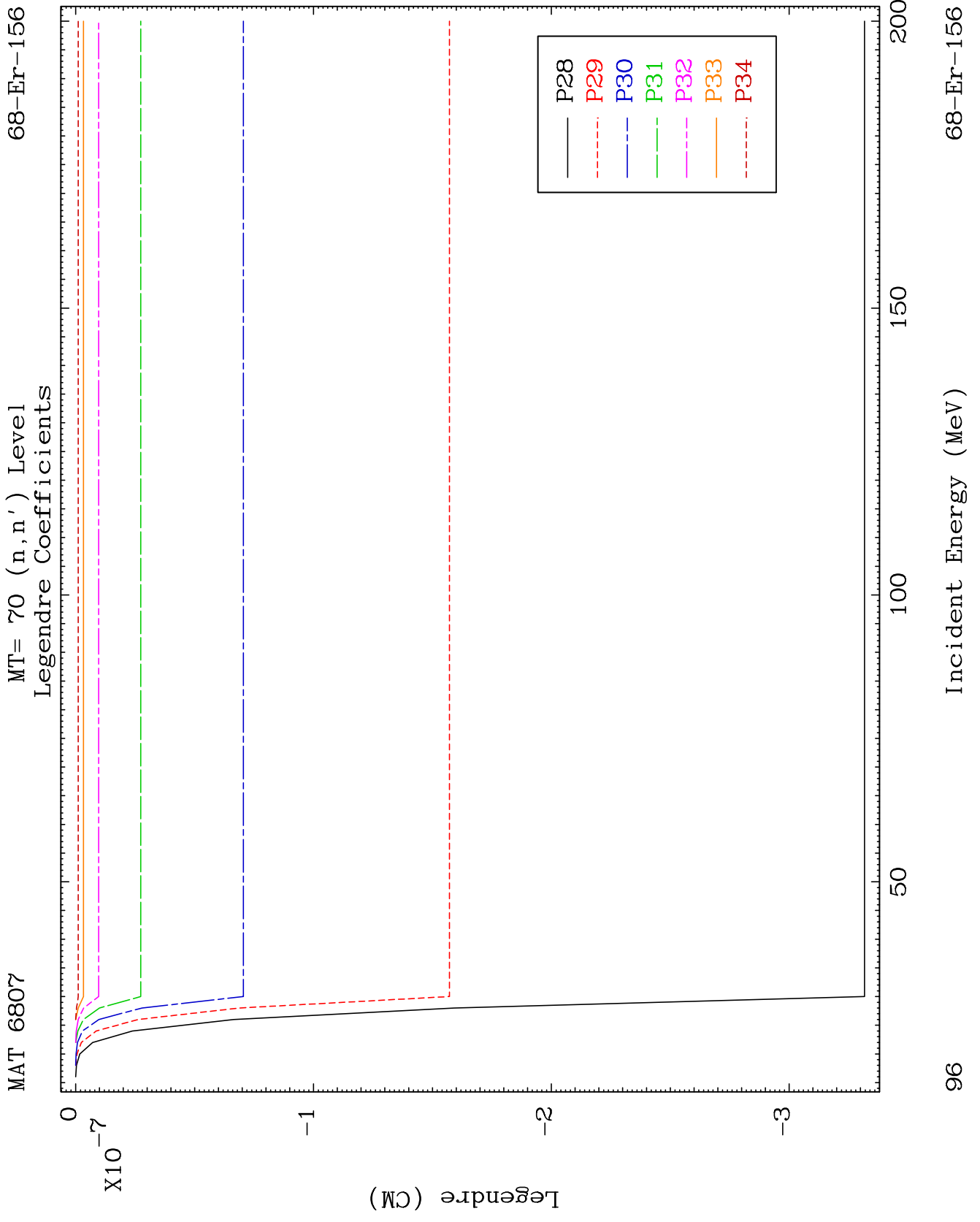


95

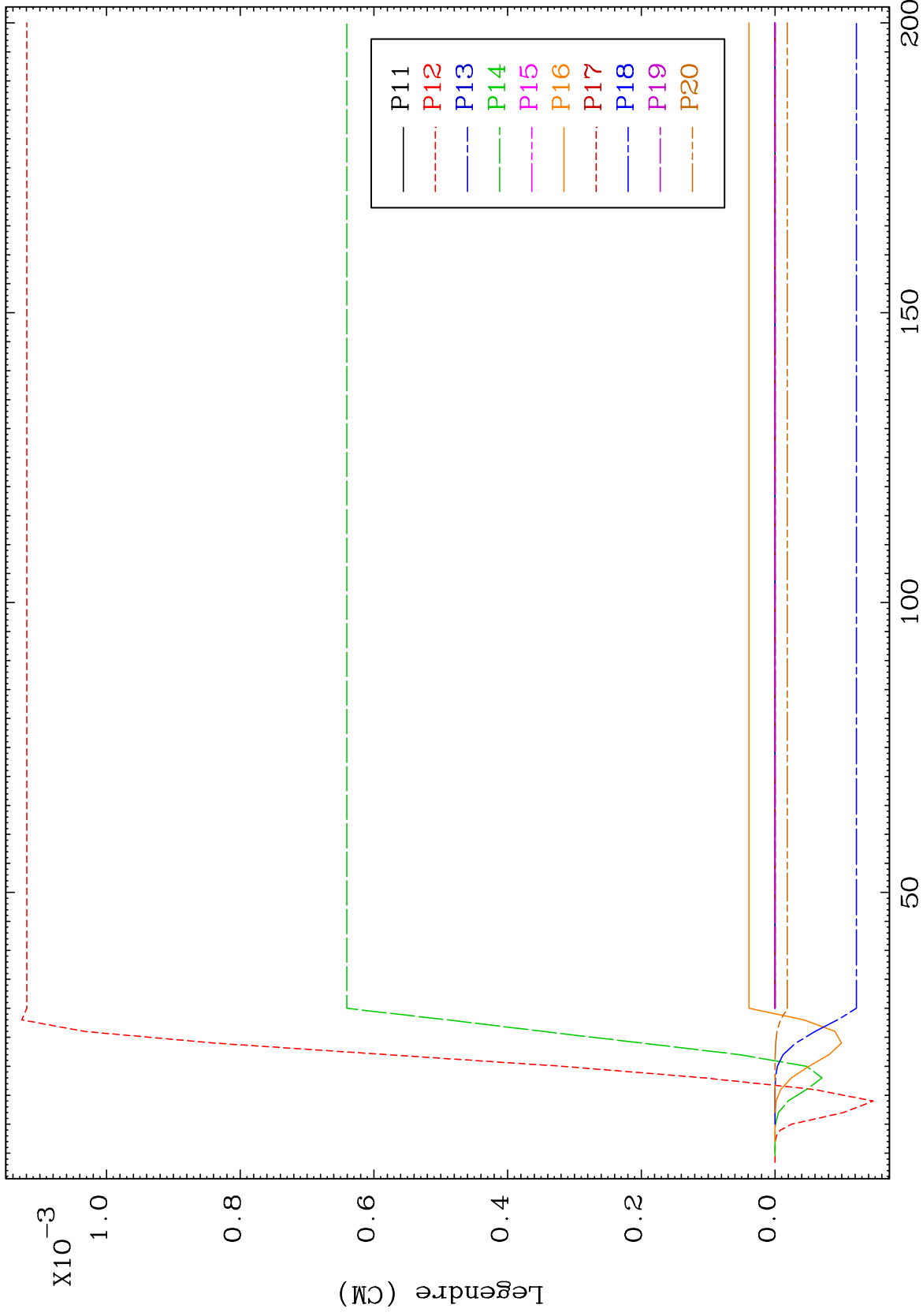
Incident Energy (MeV)

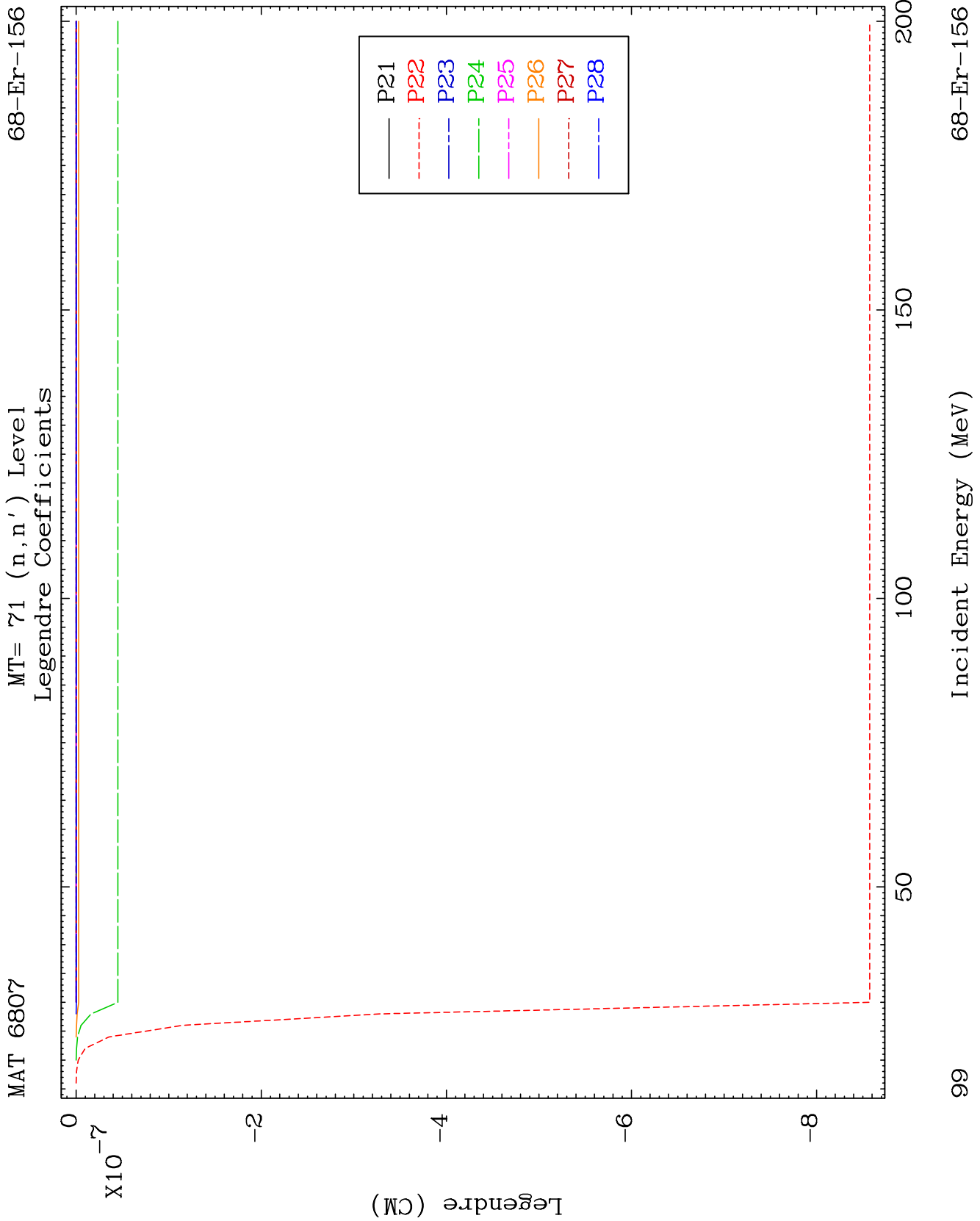
68-Er-156







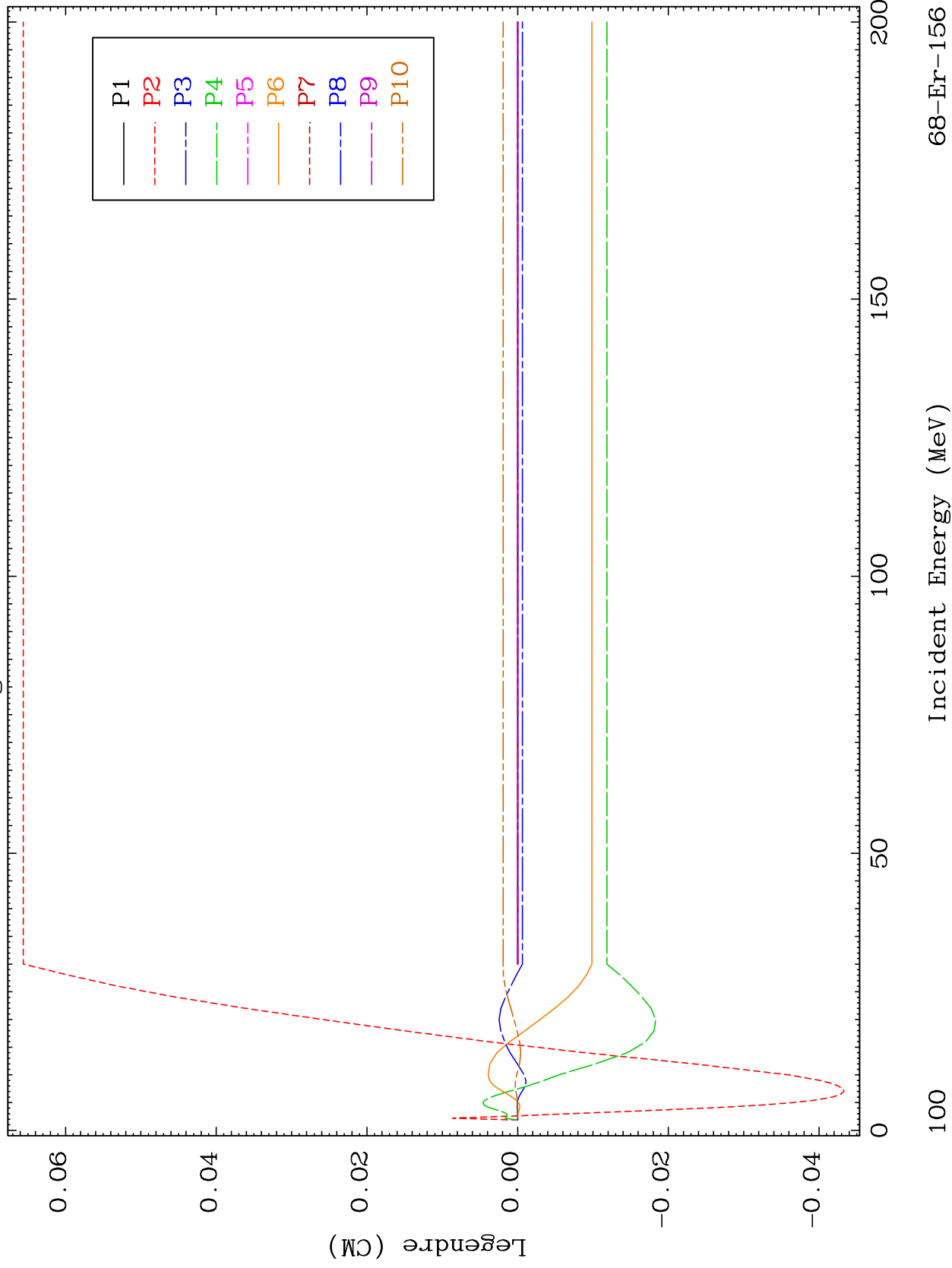




MAT 6807

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

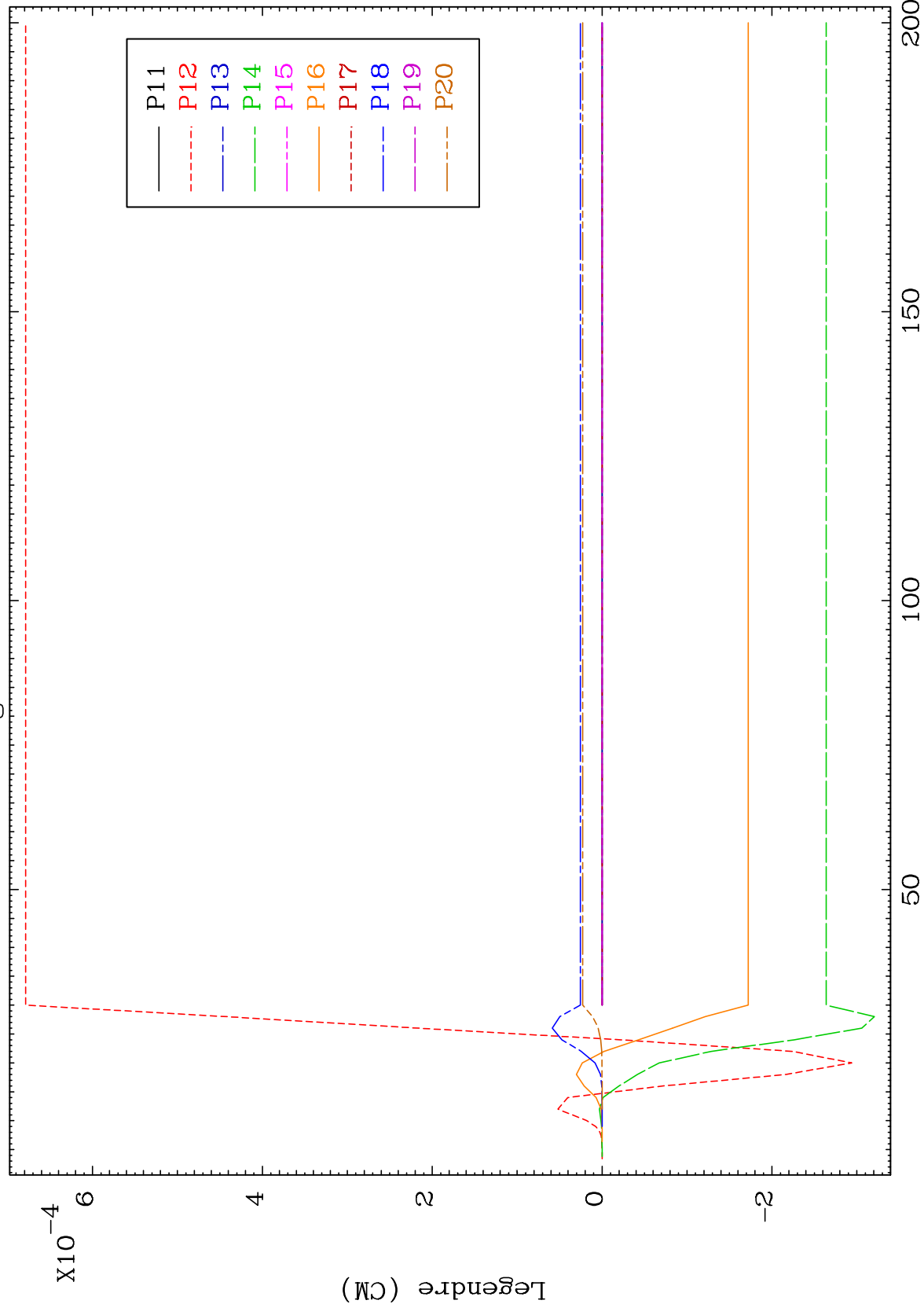
68-Er-156



MAT 6807

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

68-Er-156

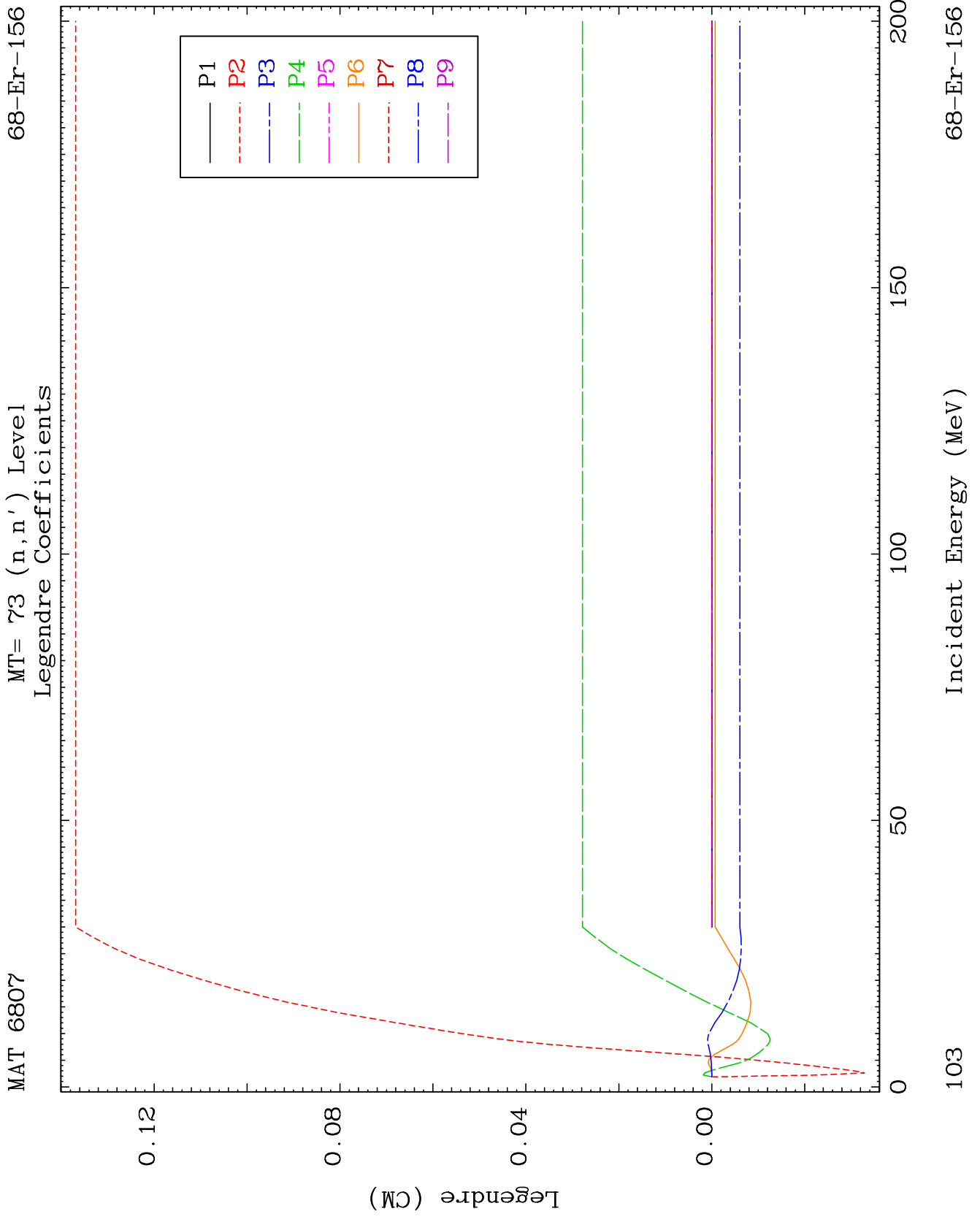


101

Incident Energy (MeV)

68-Er-156



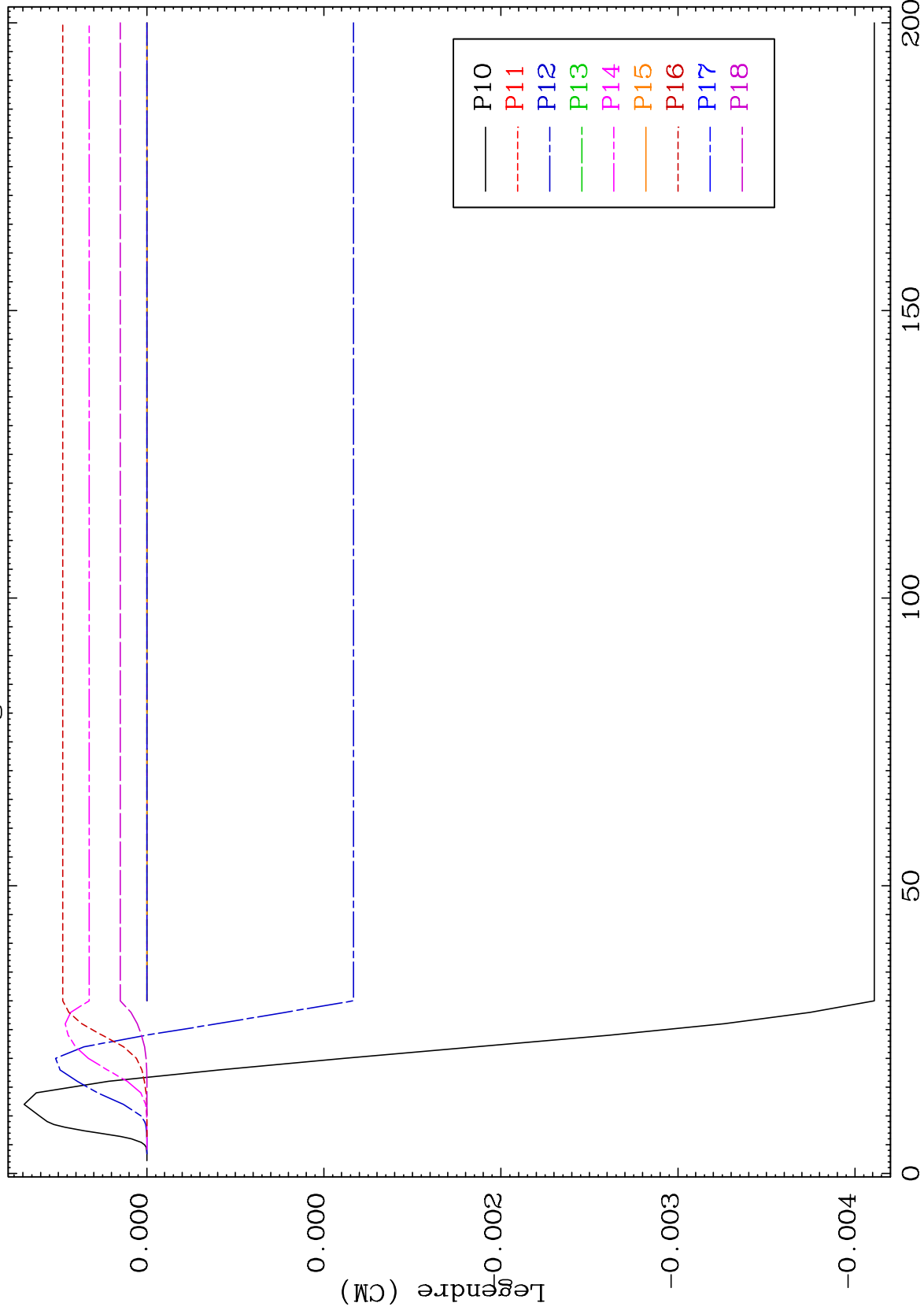




MAT 6807

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

68-Er-156



104

Incident Energy (MeV)

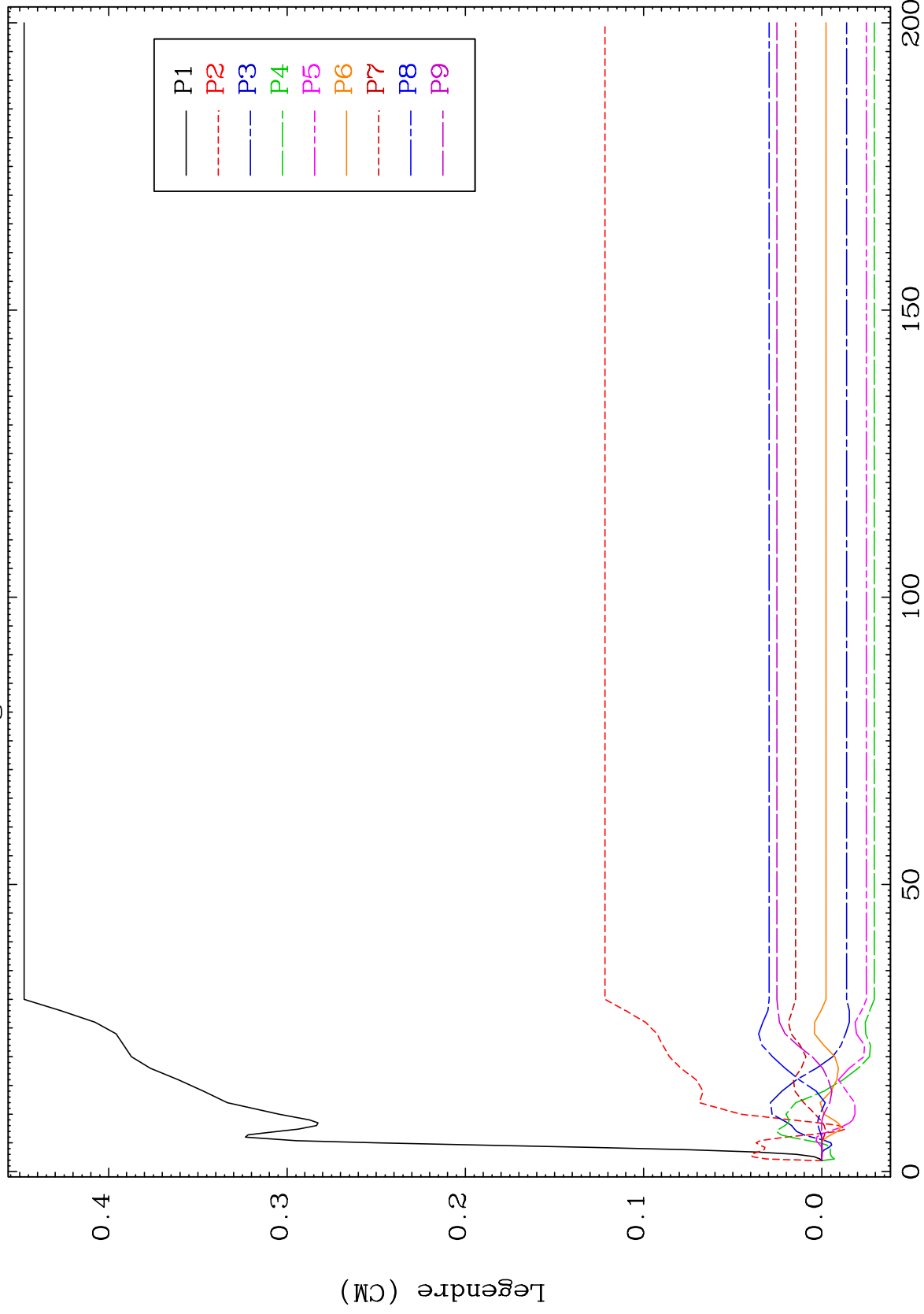
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

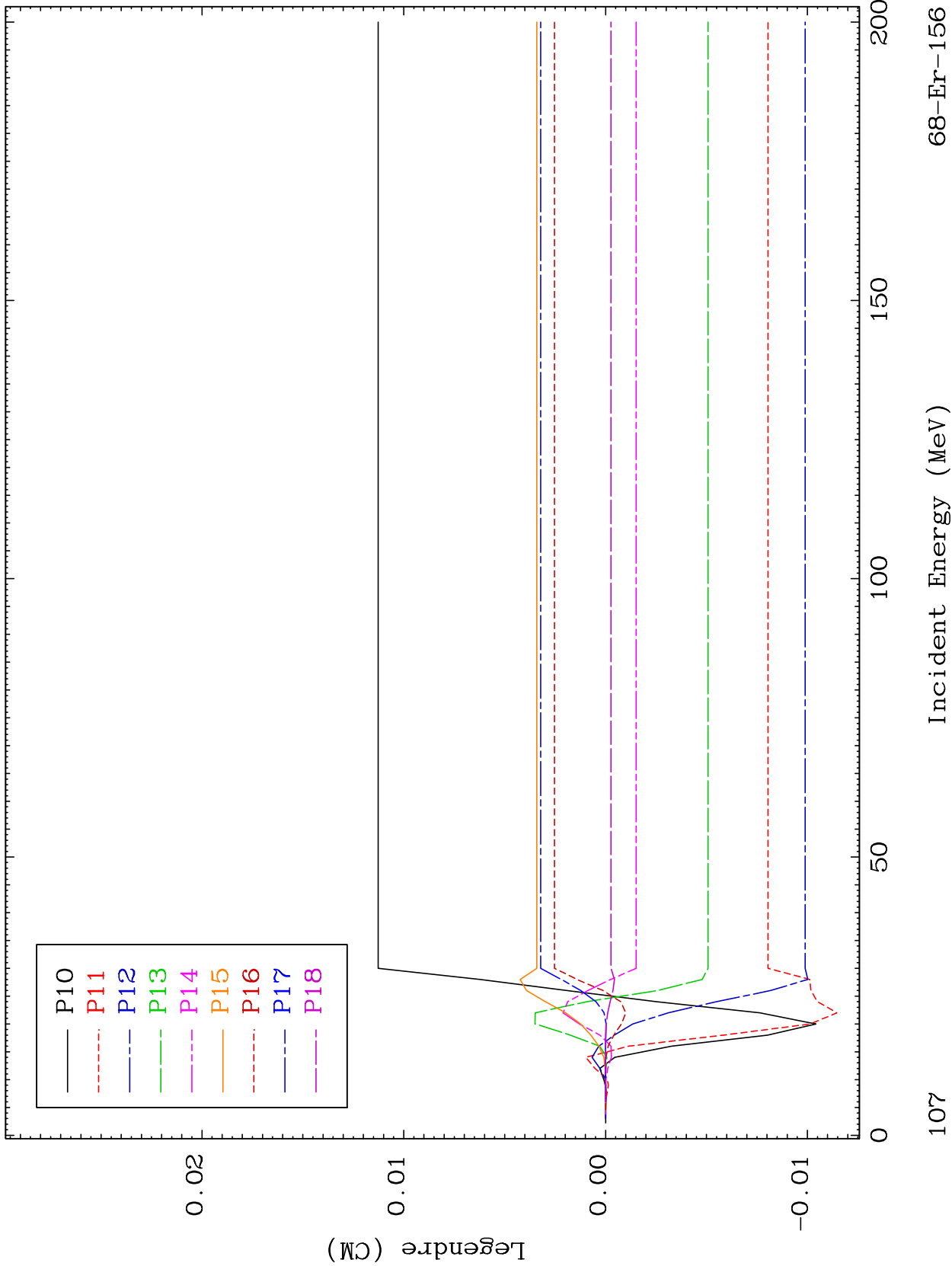
Incident Energy (MeV)

106

MAT 6807

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

68-Er-156



107

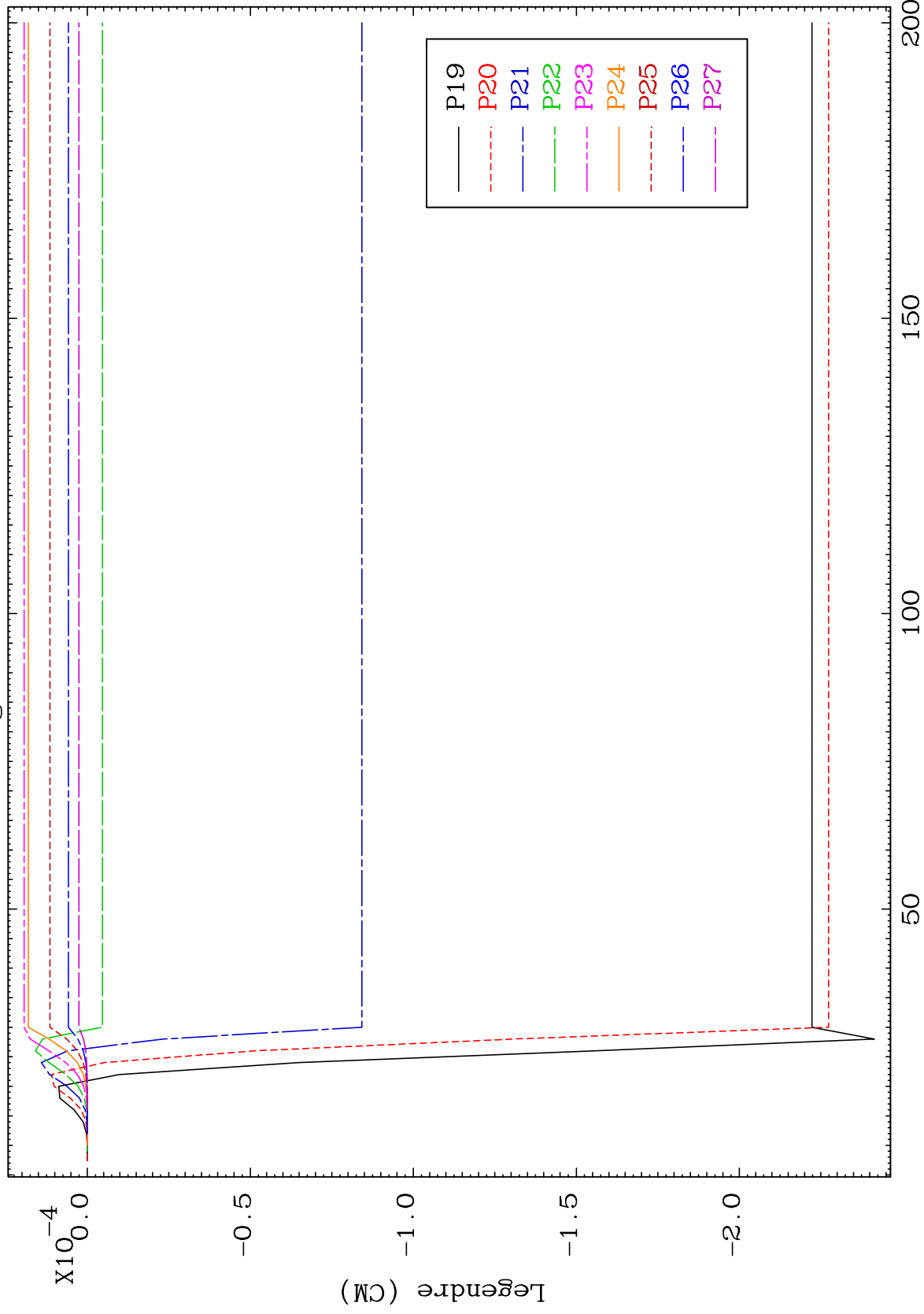
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



108

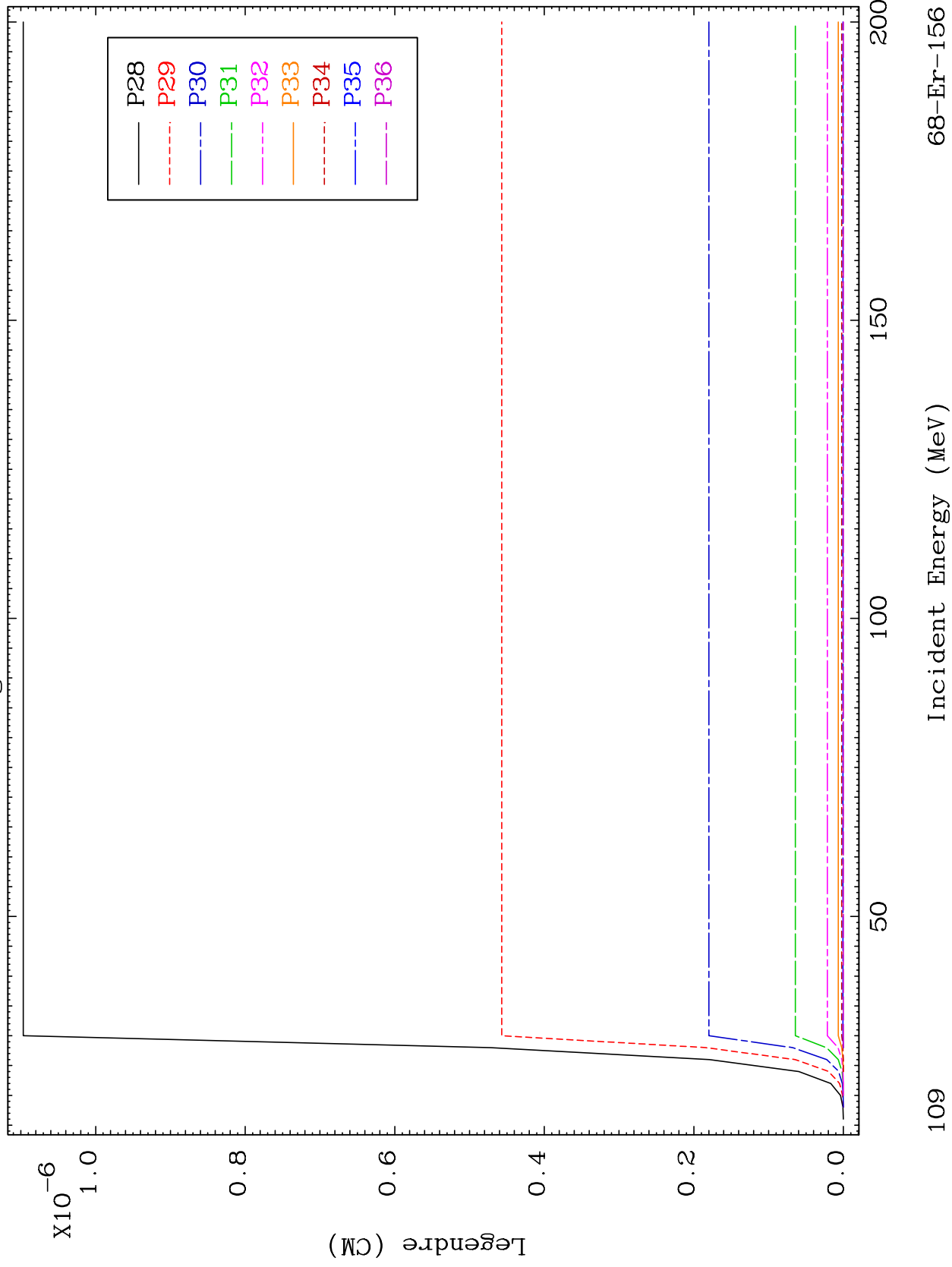
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



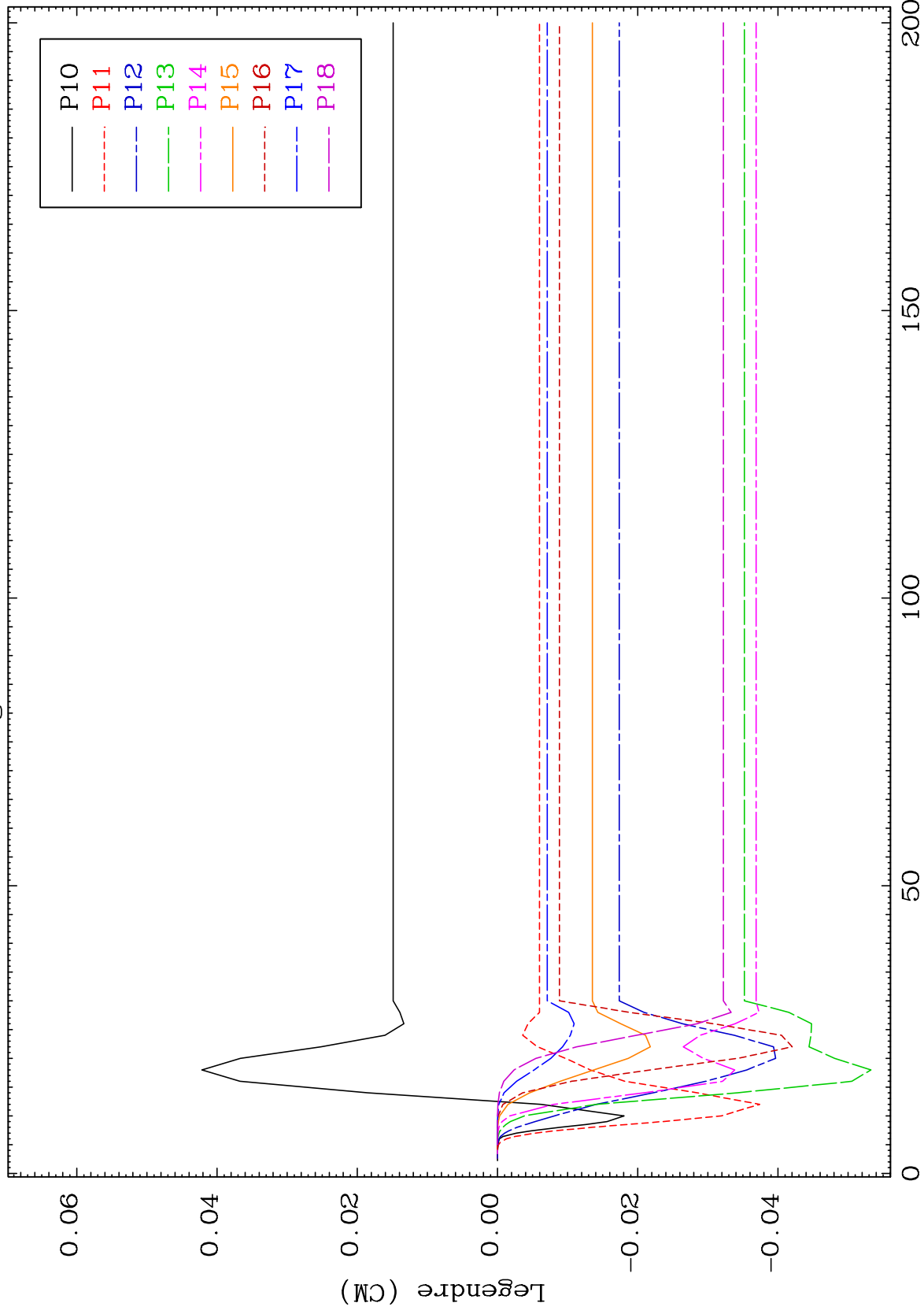
109



MAT 6807

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

68-Er-156



111

Incident Energy (MeV)

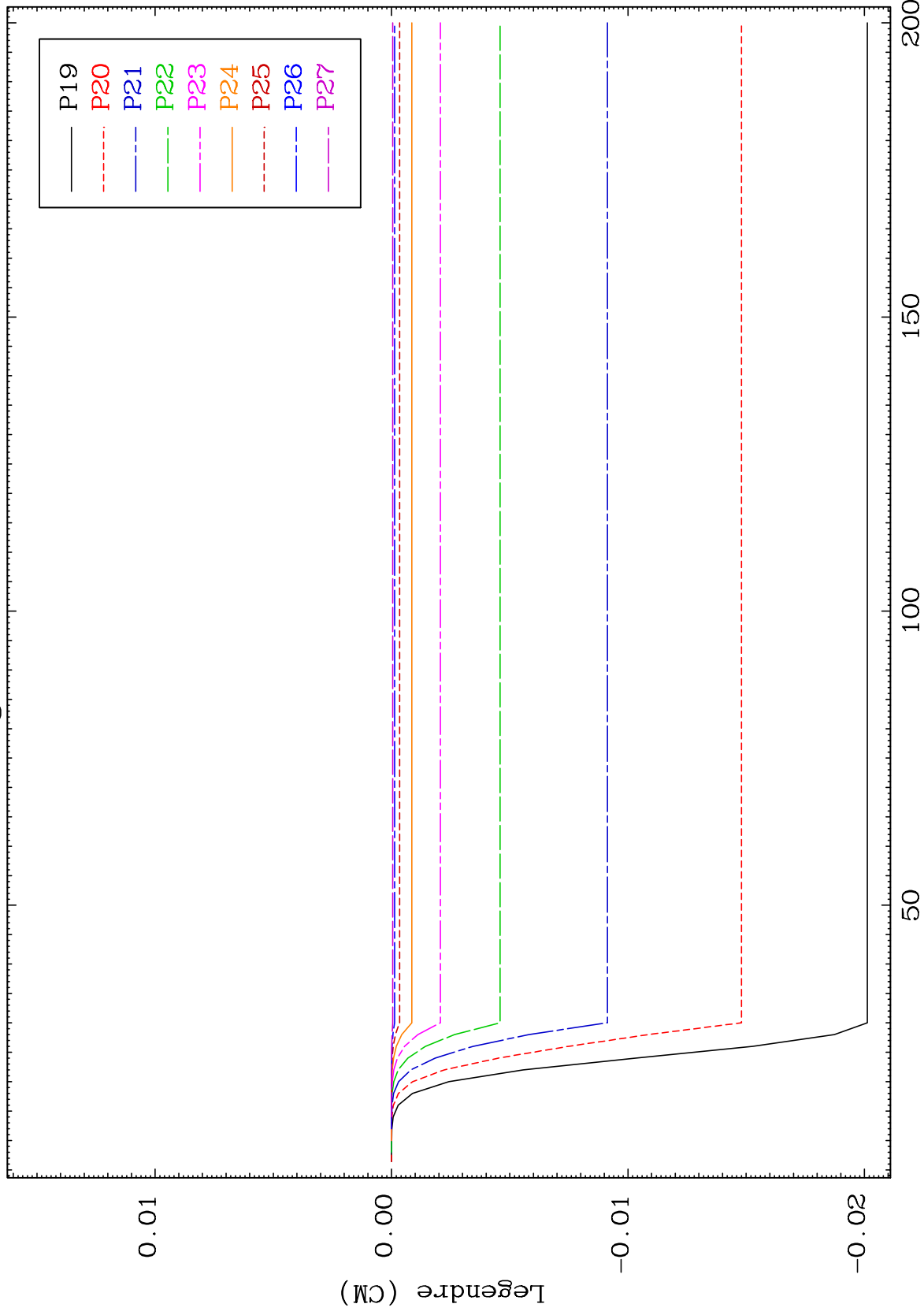
68-Er-156



MAT 6807

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

68-Er-156



112

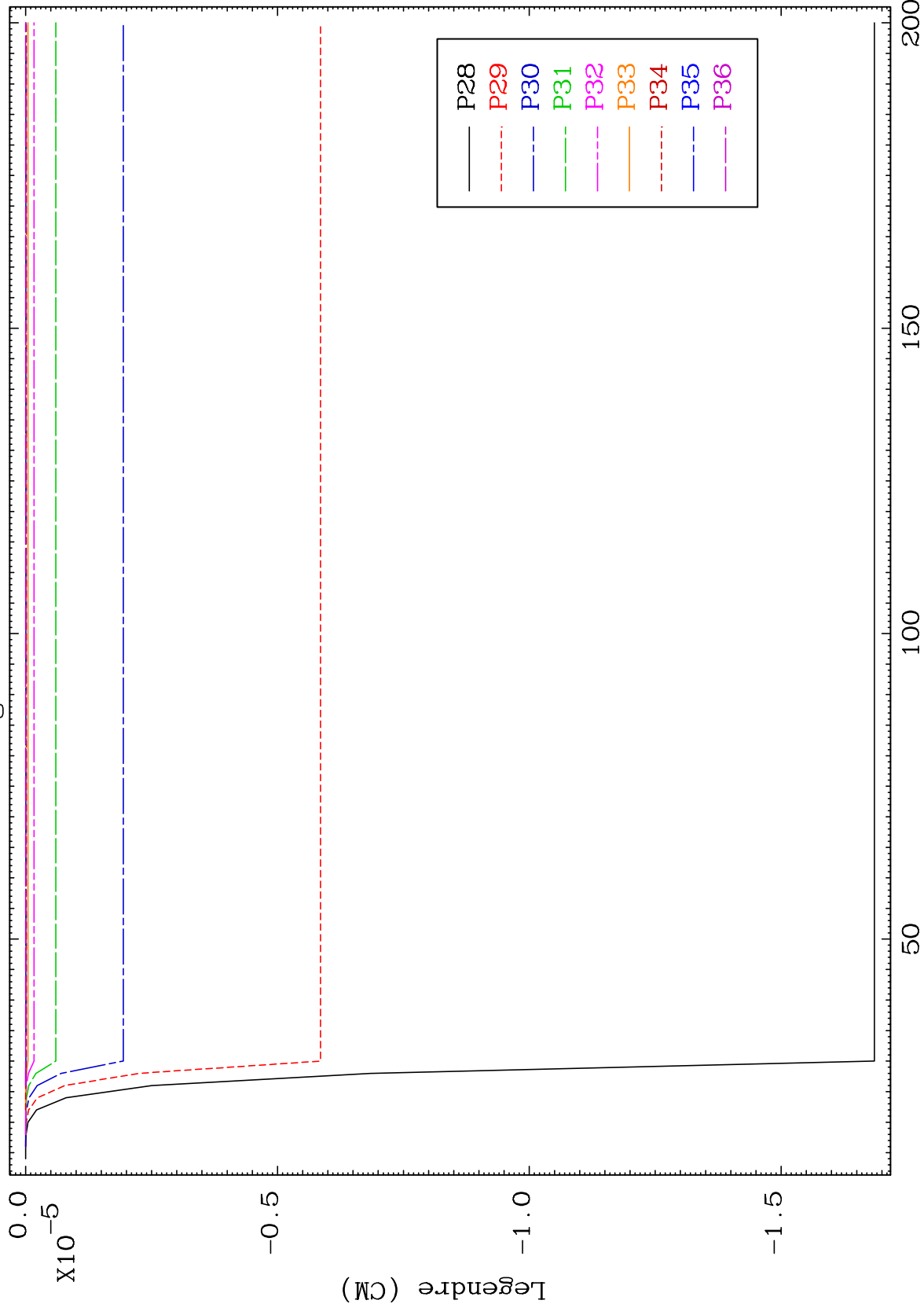
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



113

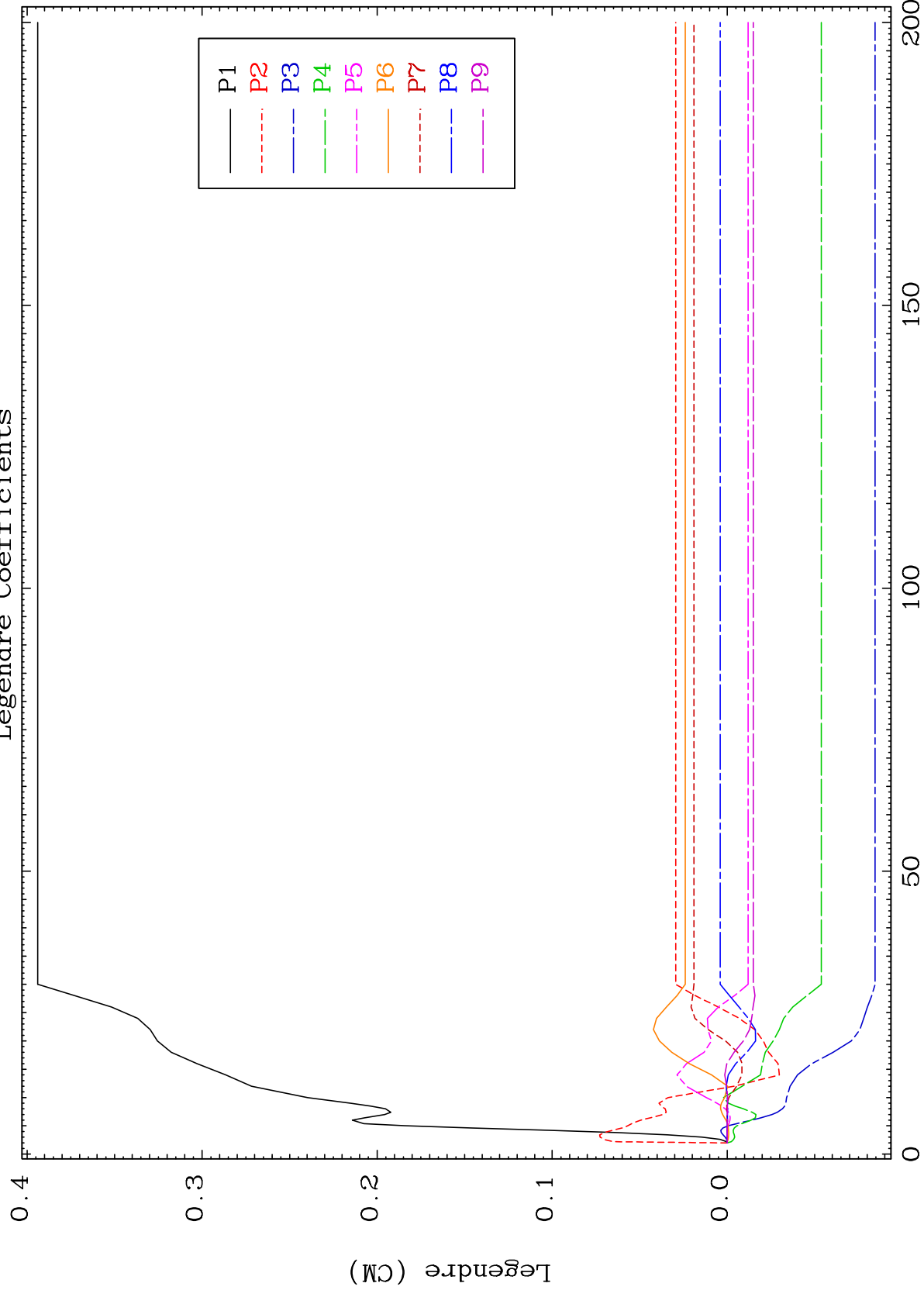
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



114

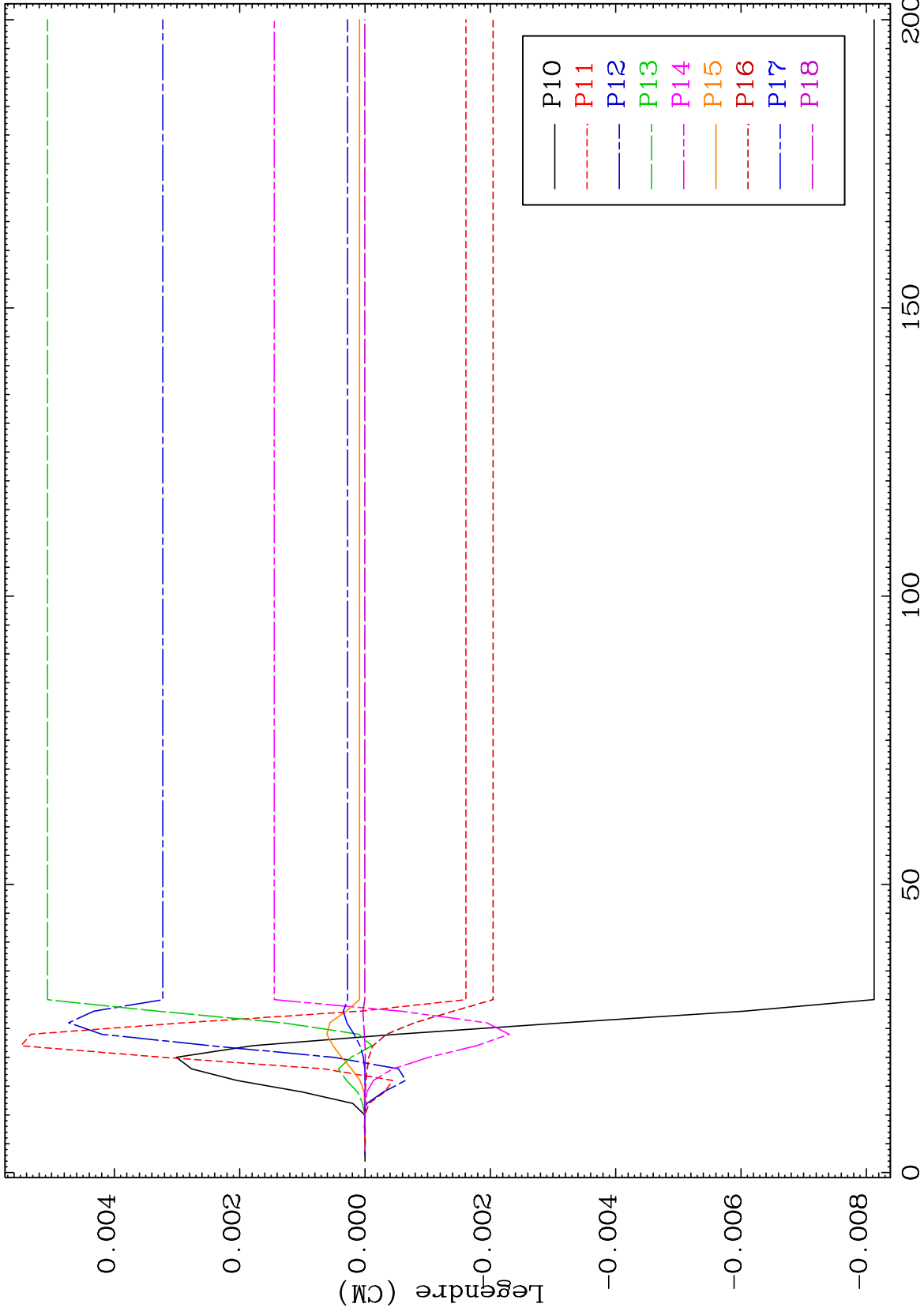
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



115

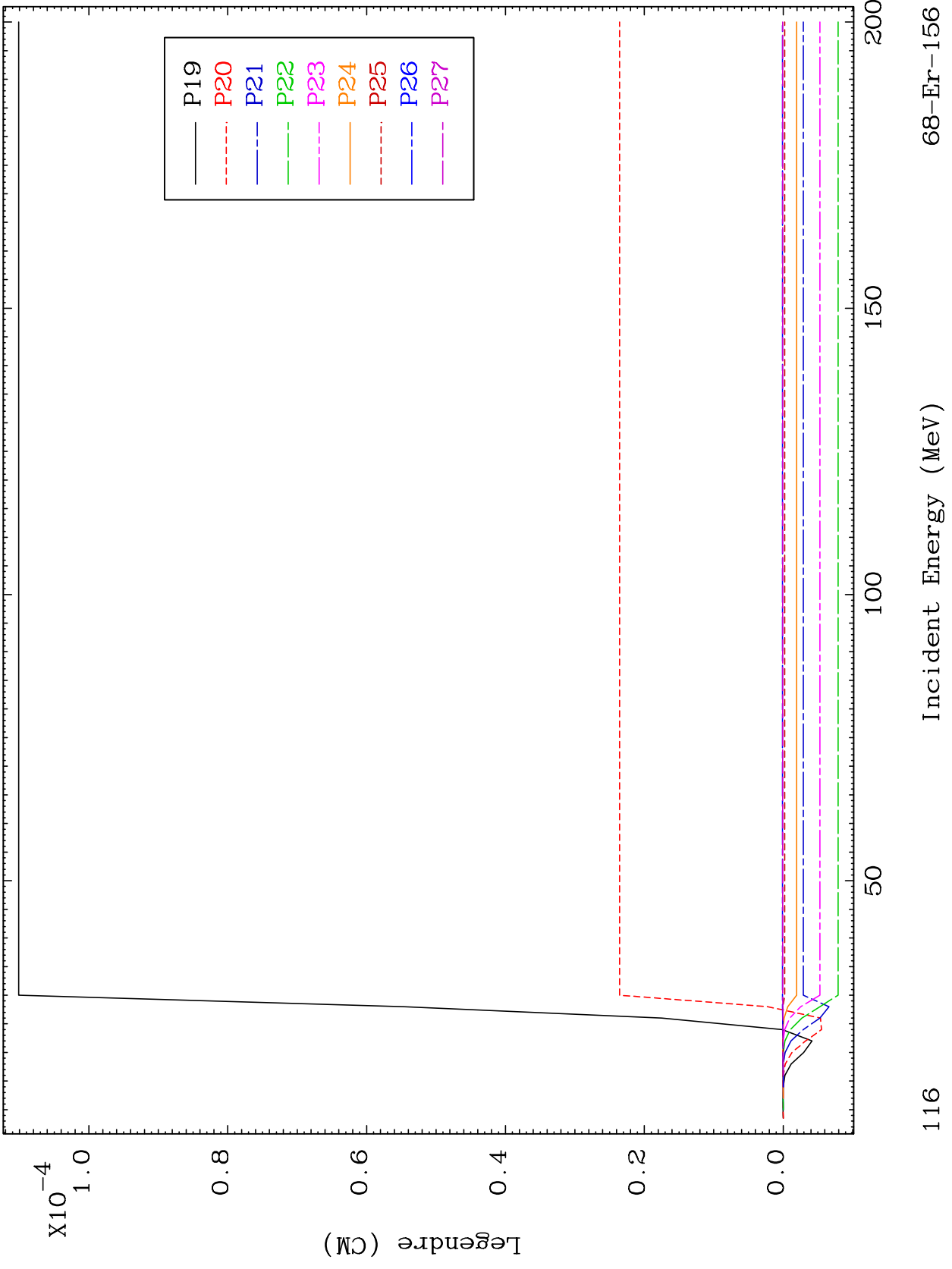
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



116

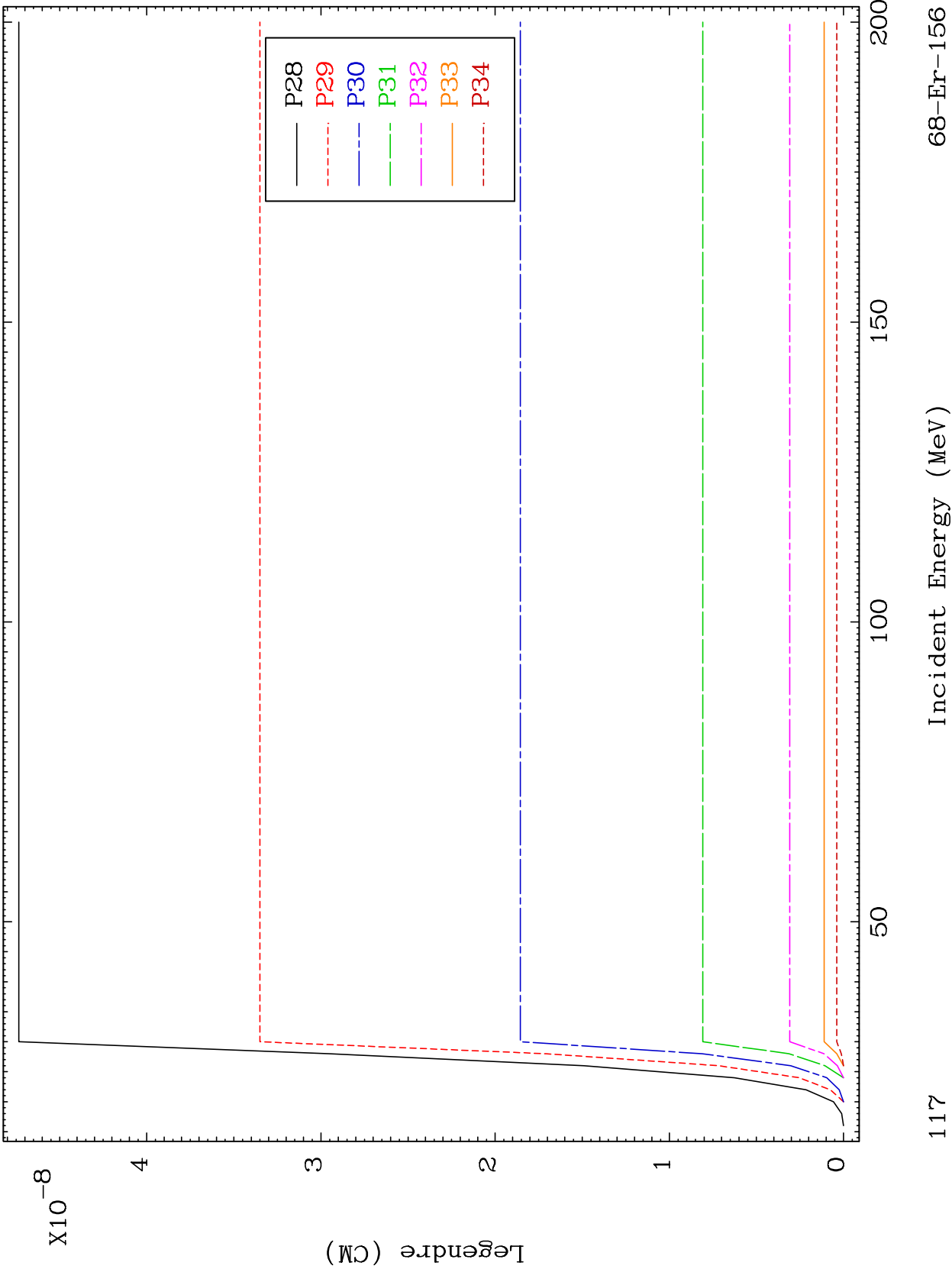
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



117

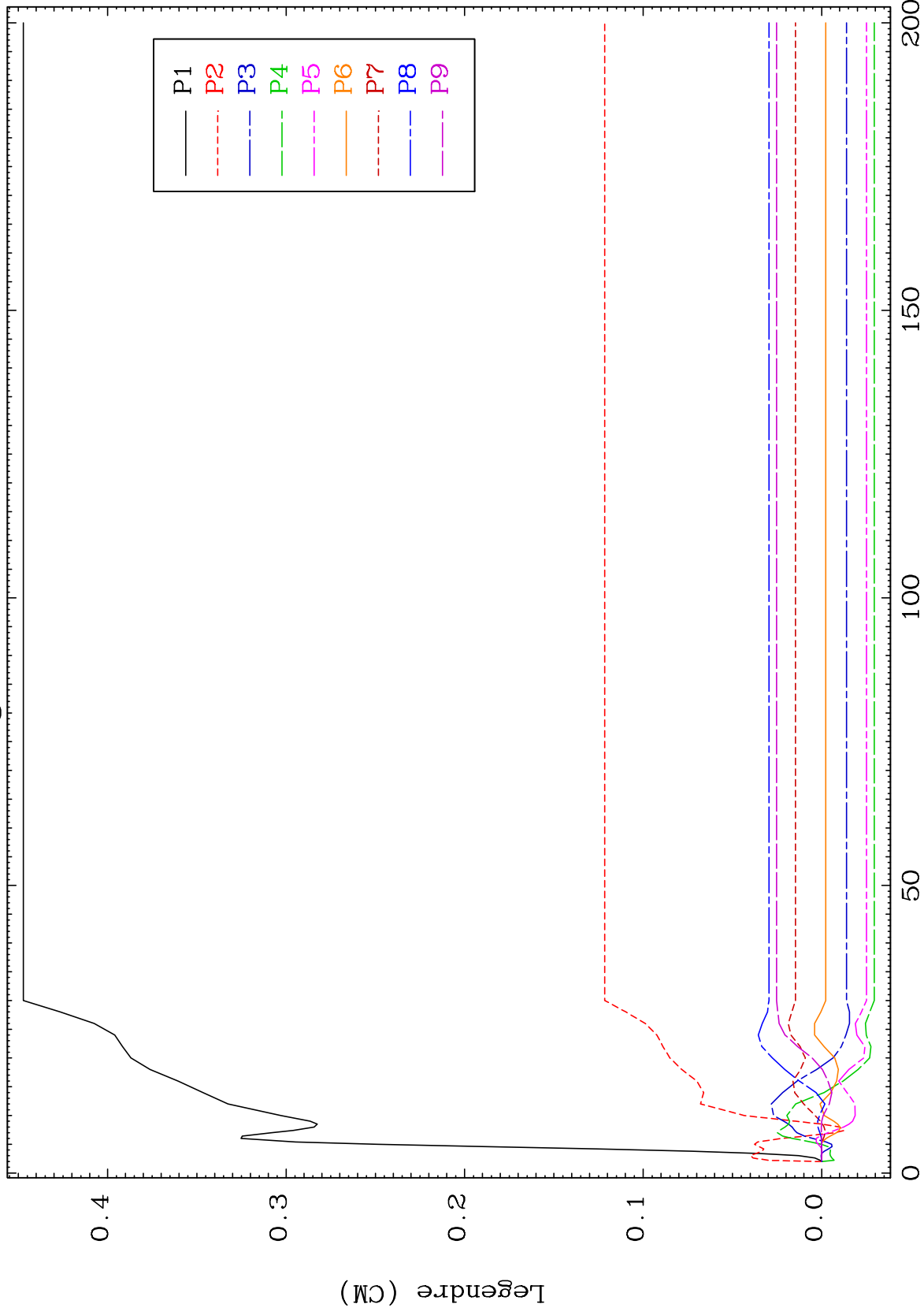
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



118

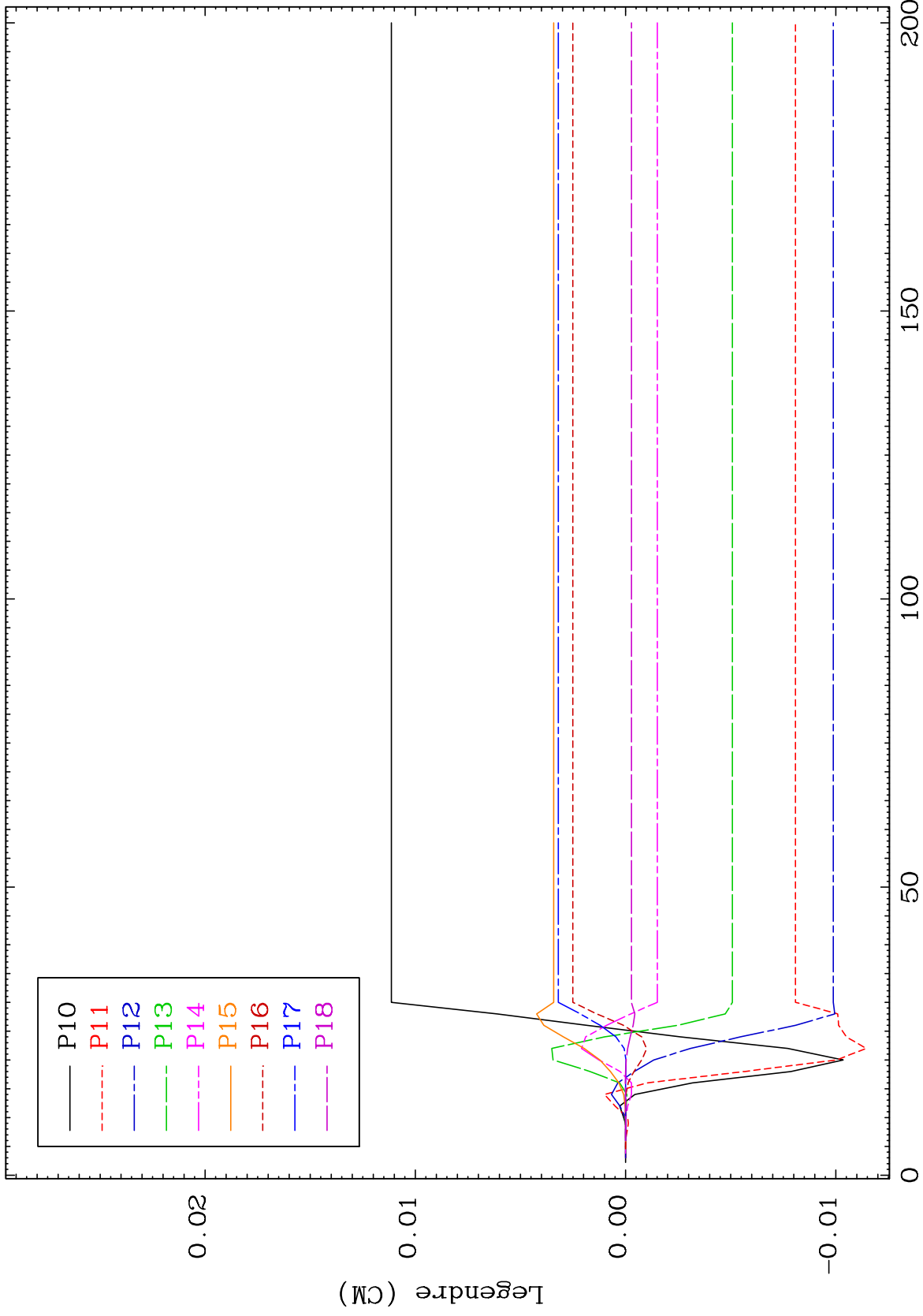
Incident Energy (MeV)

68-Er-156

MAT 6807

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

68-Er-156



119

Incident Energy (MeV)

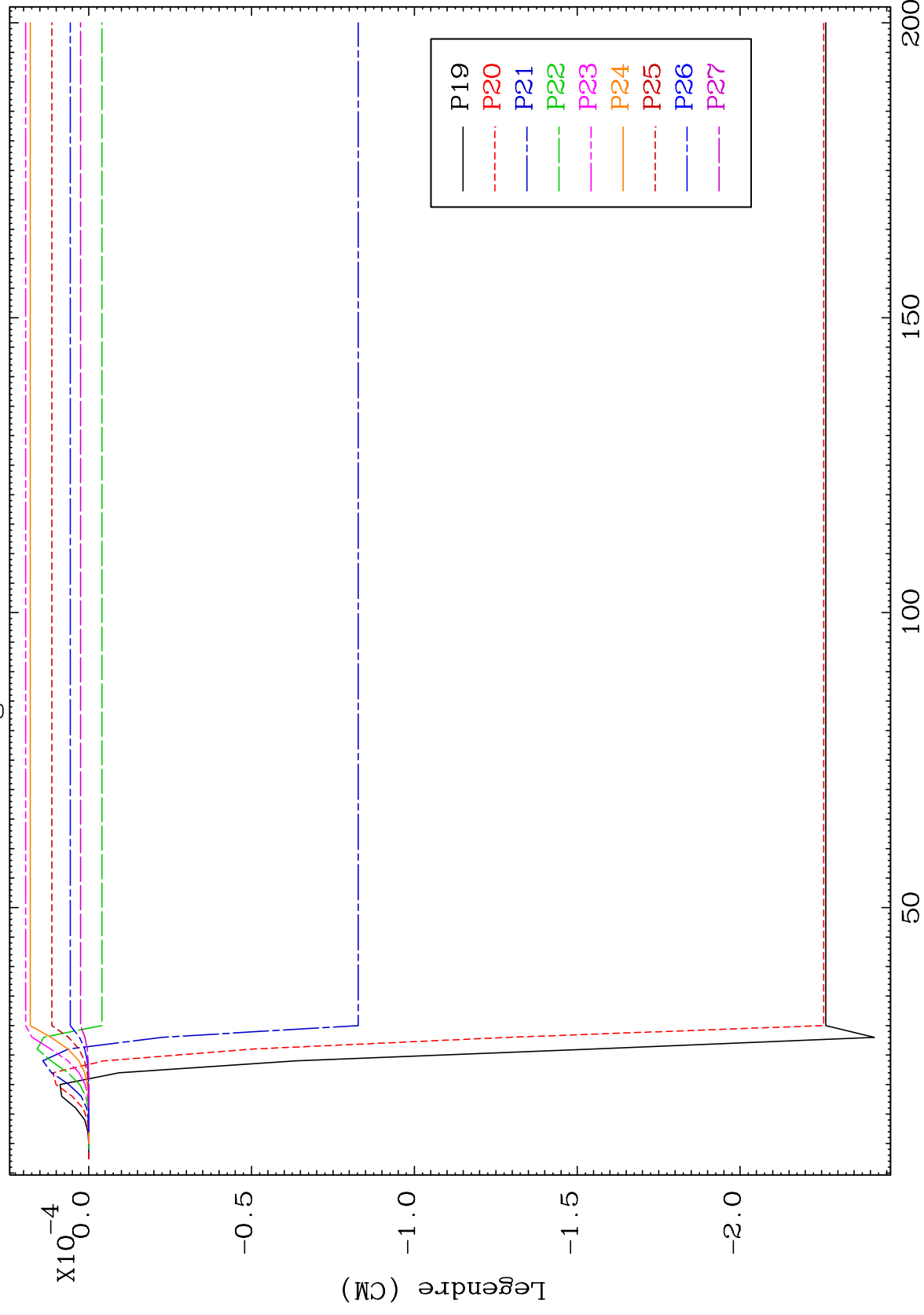
68-Er-156



MAT 6807

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

68-Er-156



120

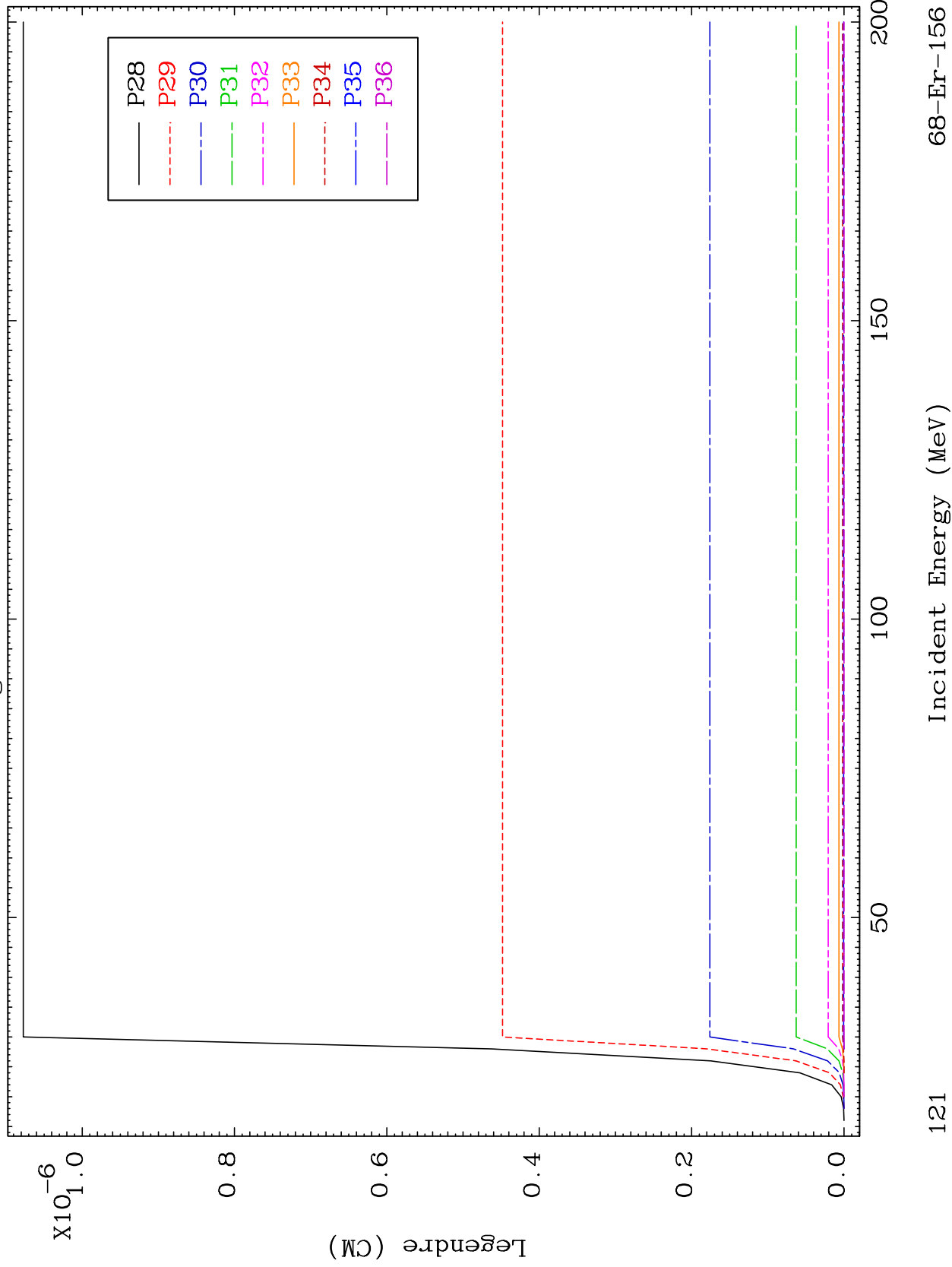
Incident Energy (MeV)

68-Er-156

MAT 6807

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

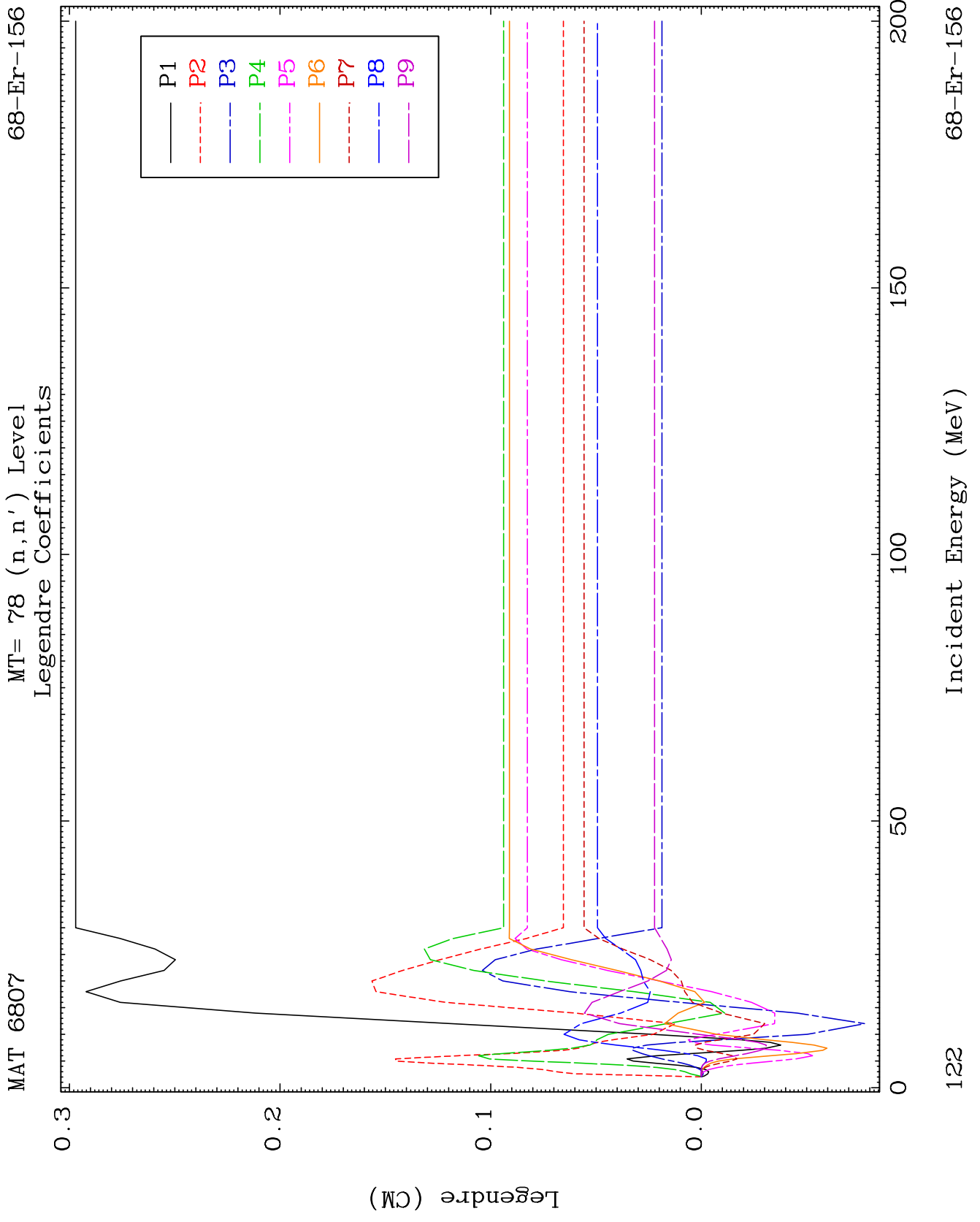
68-Er-156



121

Incident Energy (MeV)

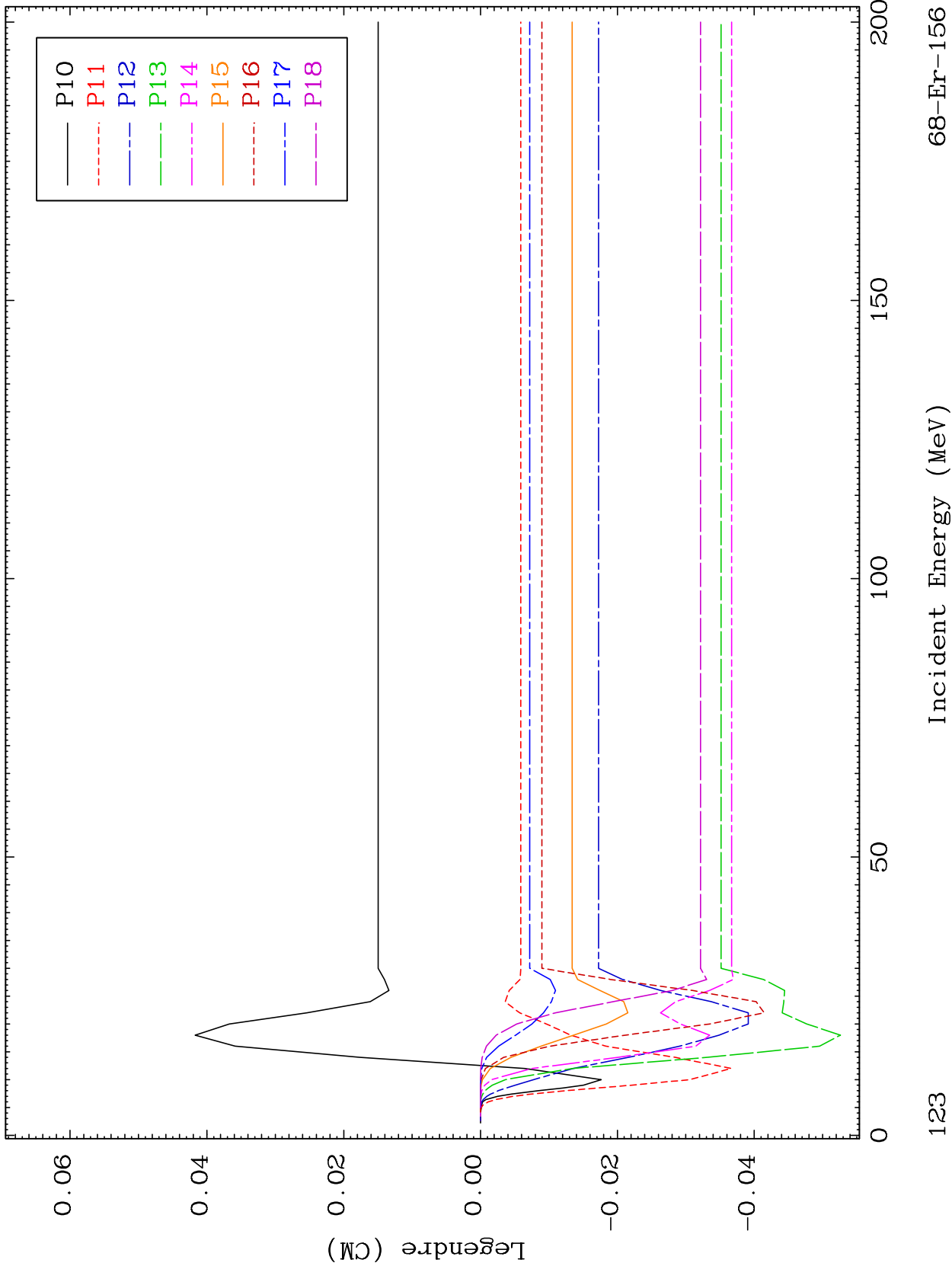
68-Er-156



MAT 6807

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

68-Er-156



68-Er-156

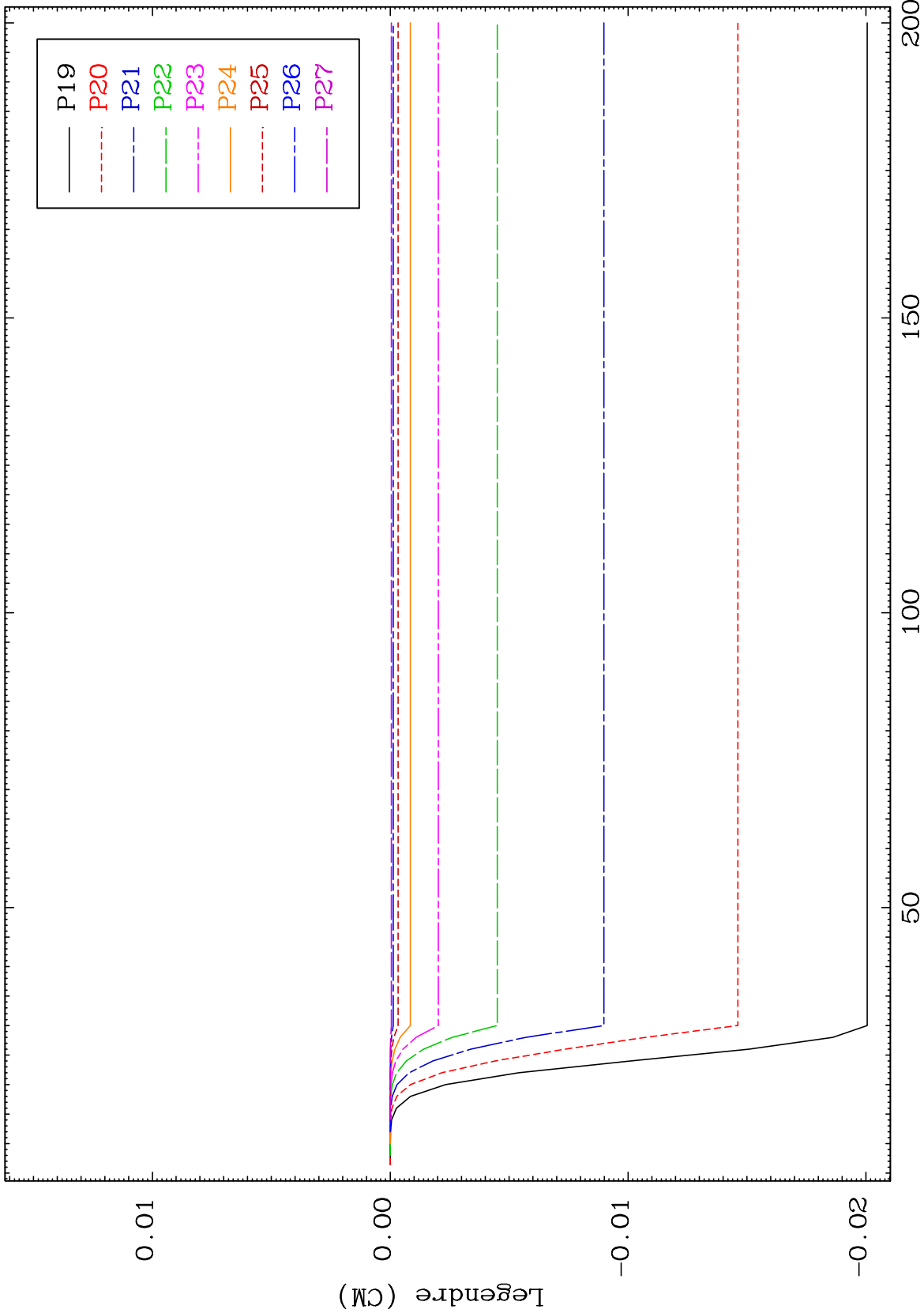
Incident Energy (MeV)

123

MAT 6807

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

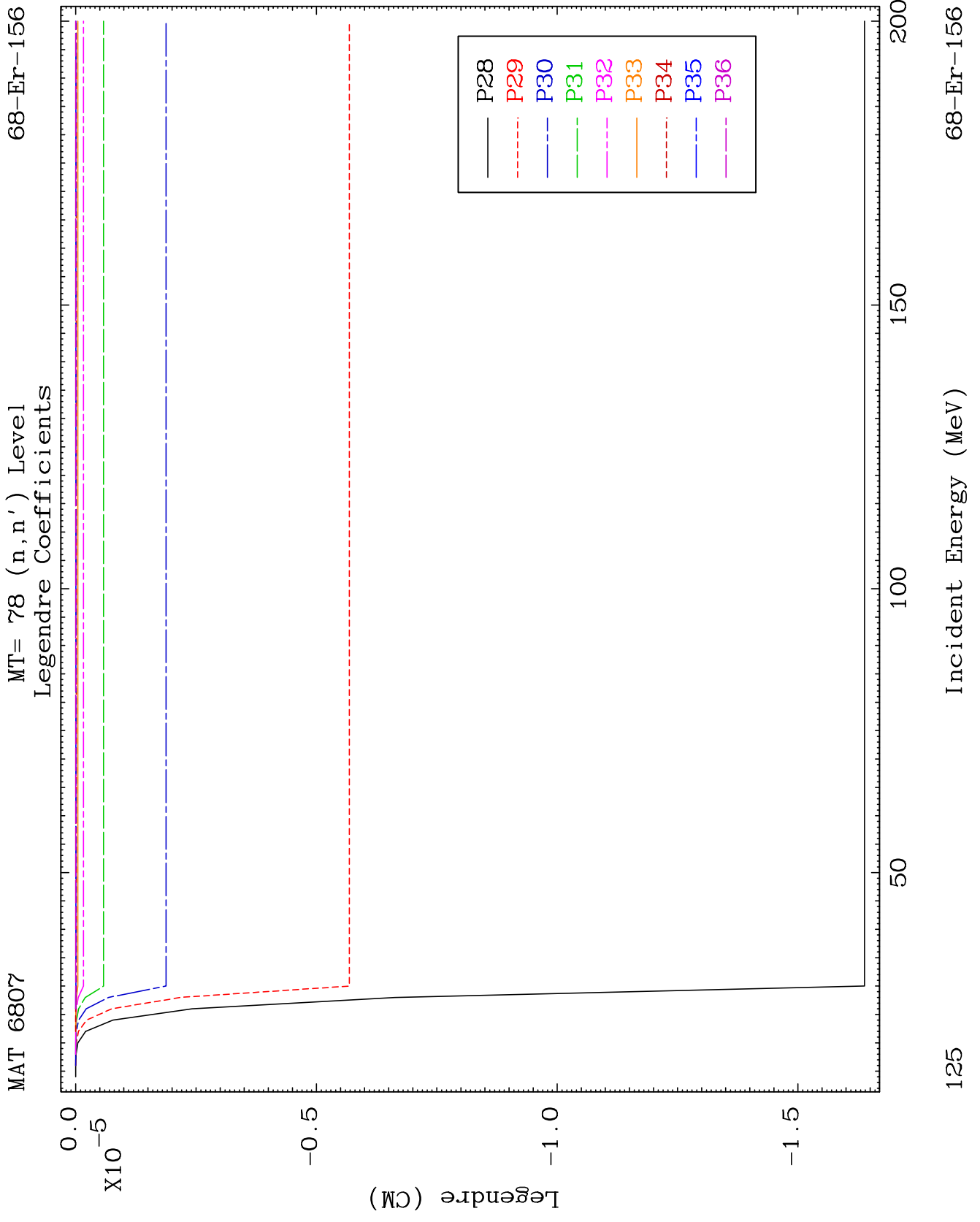
68-Er-156



124

Incident Energy (MeV)

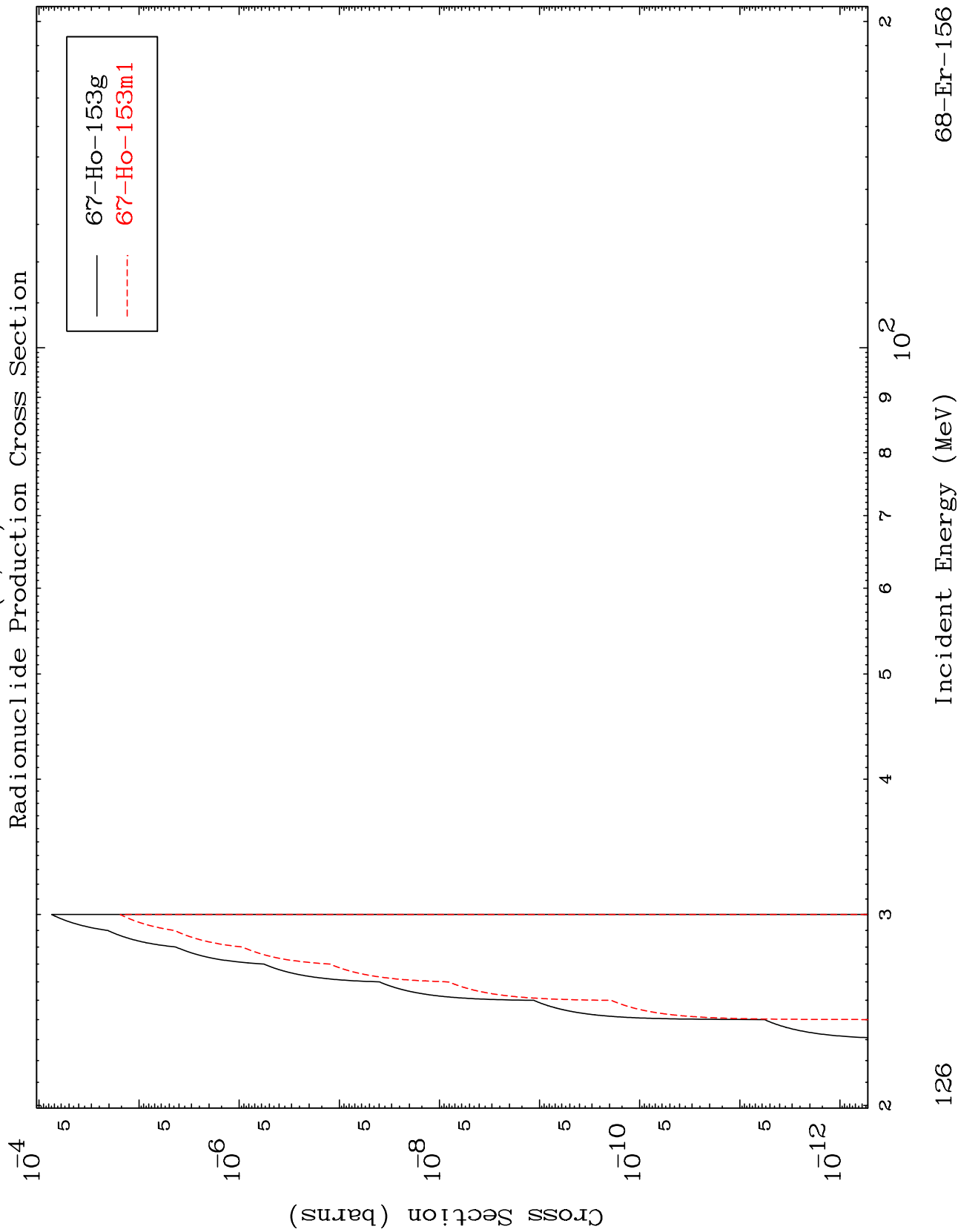
68-Er-156



MAT 6807

(n,2n) d

68-Er-156

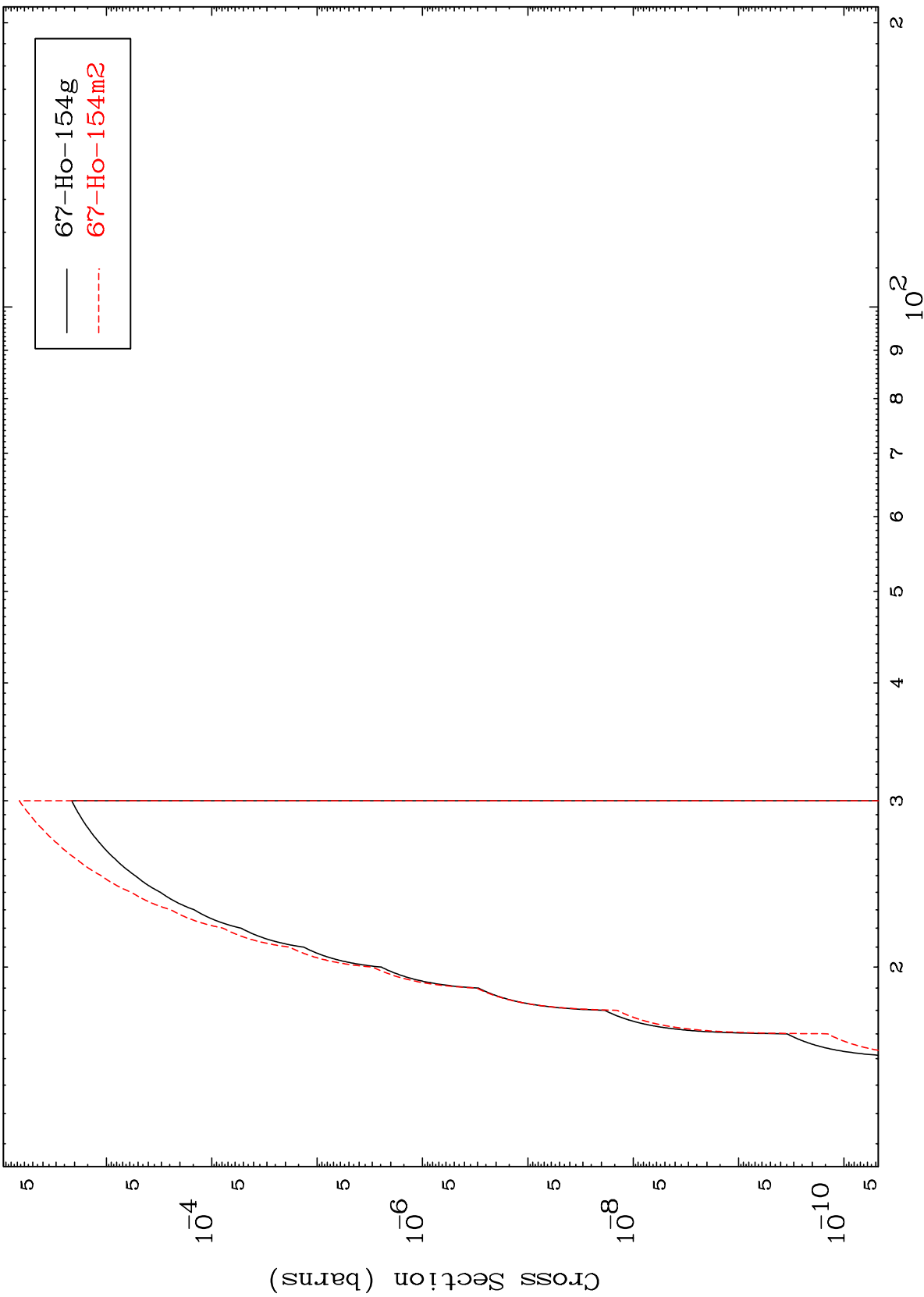


126

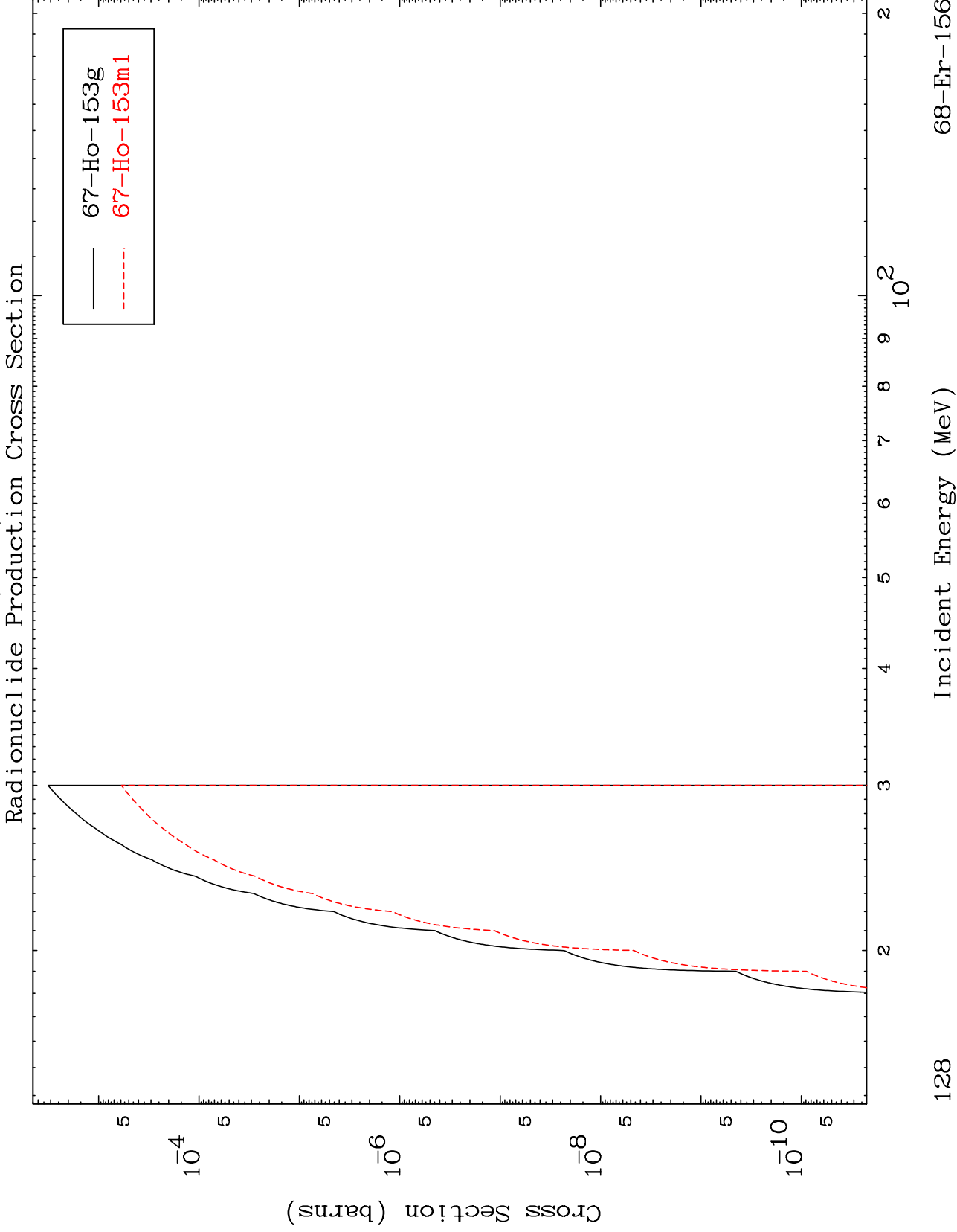
Incident Energy (MeV)

68-Er-156

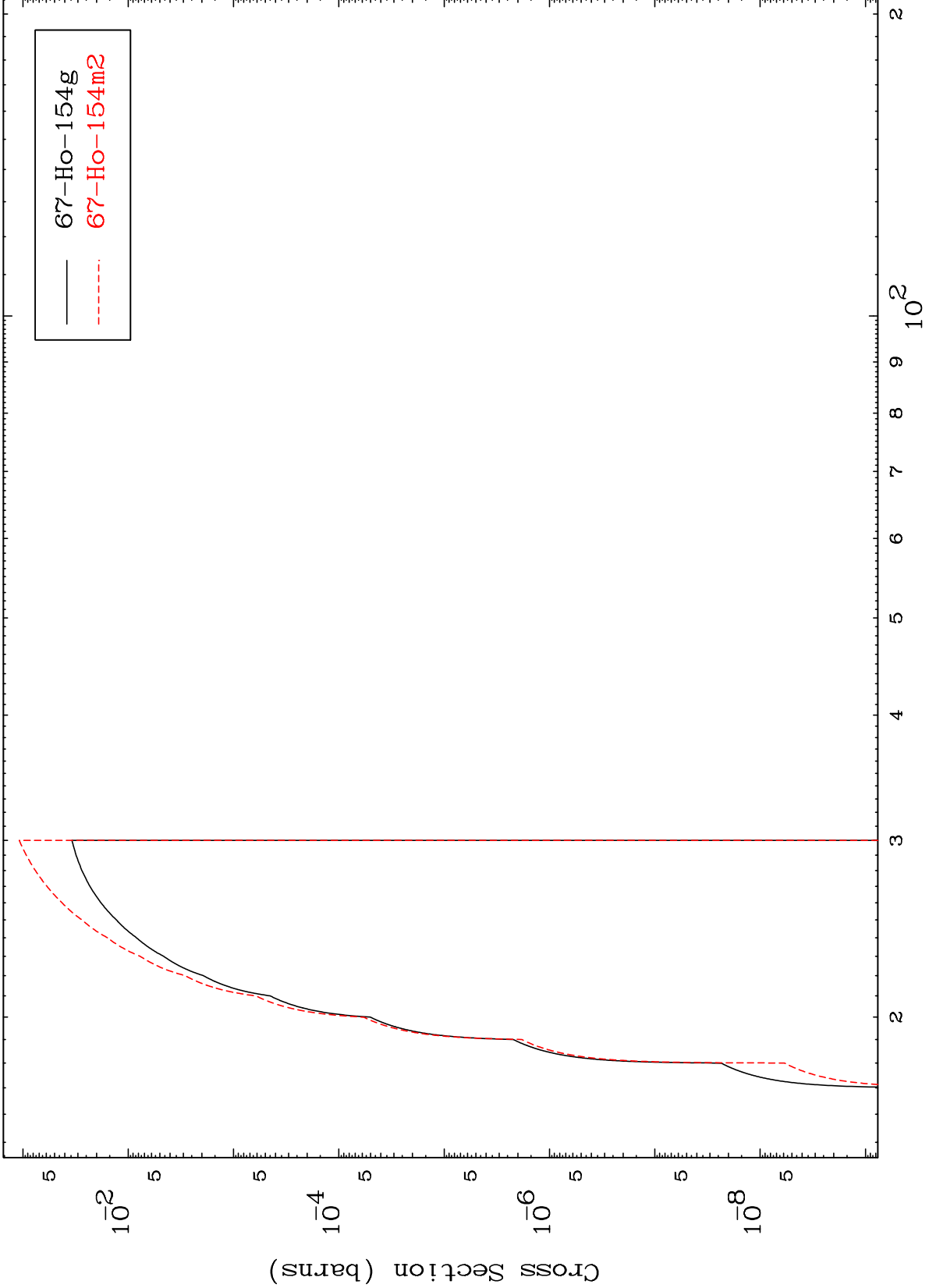
Radionuclide Production Cross Section







Radionuclide Production Cross Section

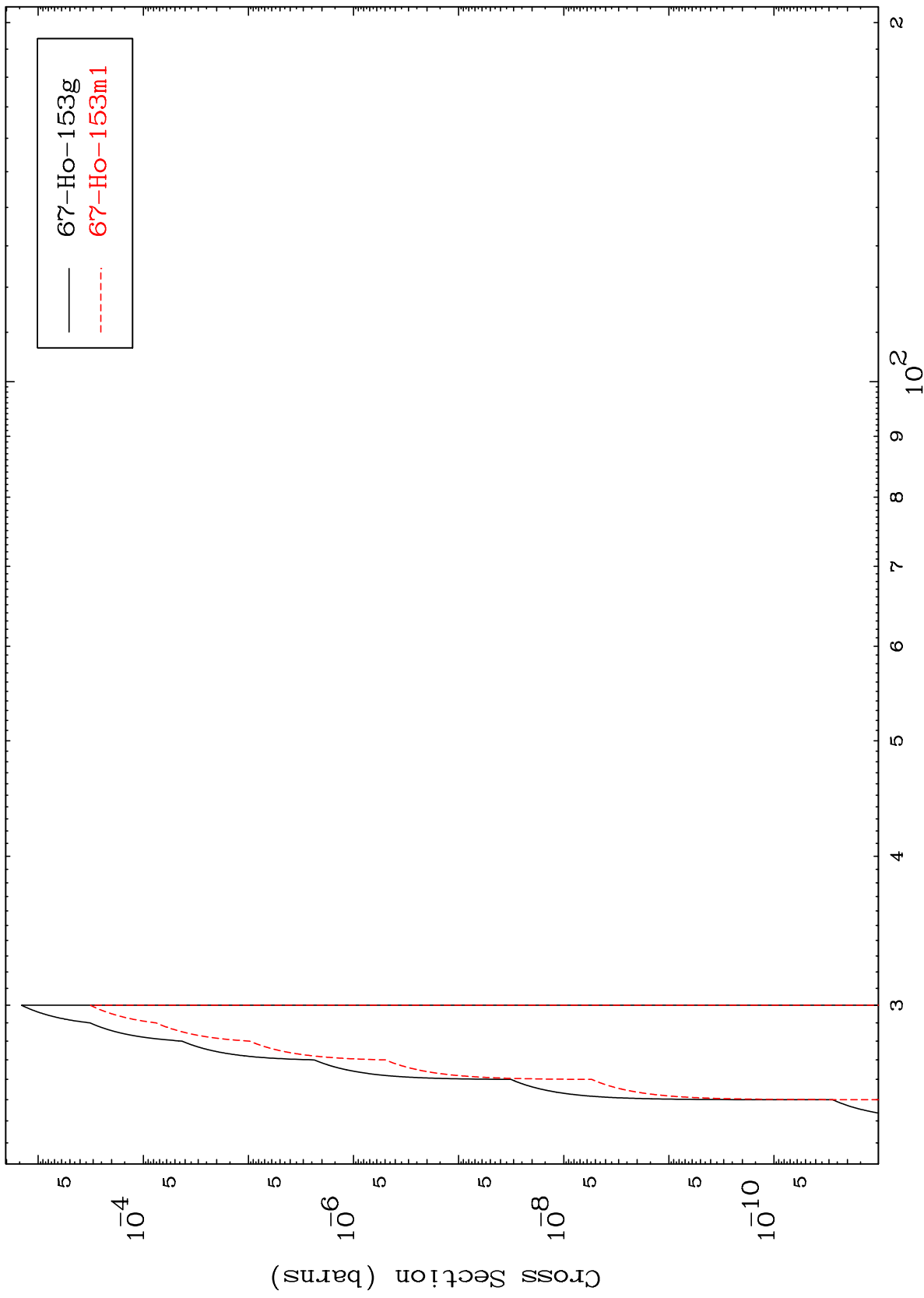


67-Ho-154g  
67-Ho-154m2

MAT 6807

68-Er-156

(n,3n) p  
Radionuclide Production Cross Section



130

68-Er-156

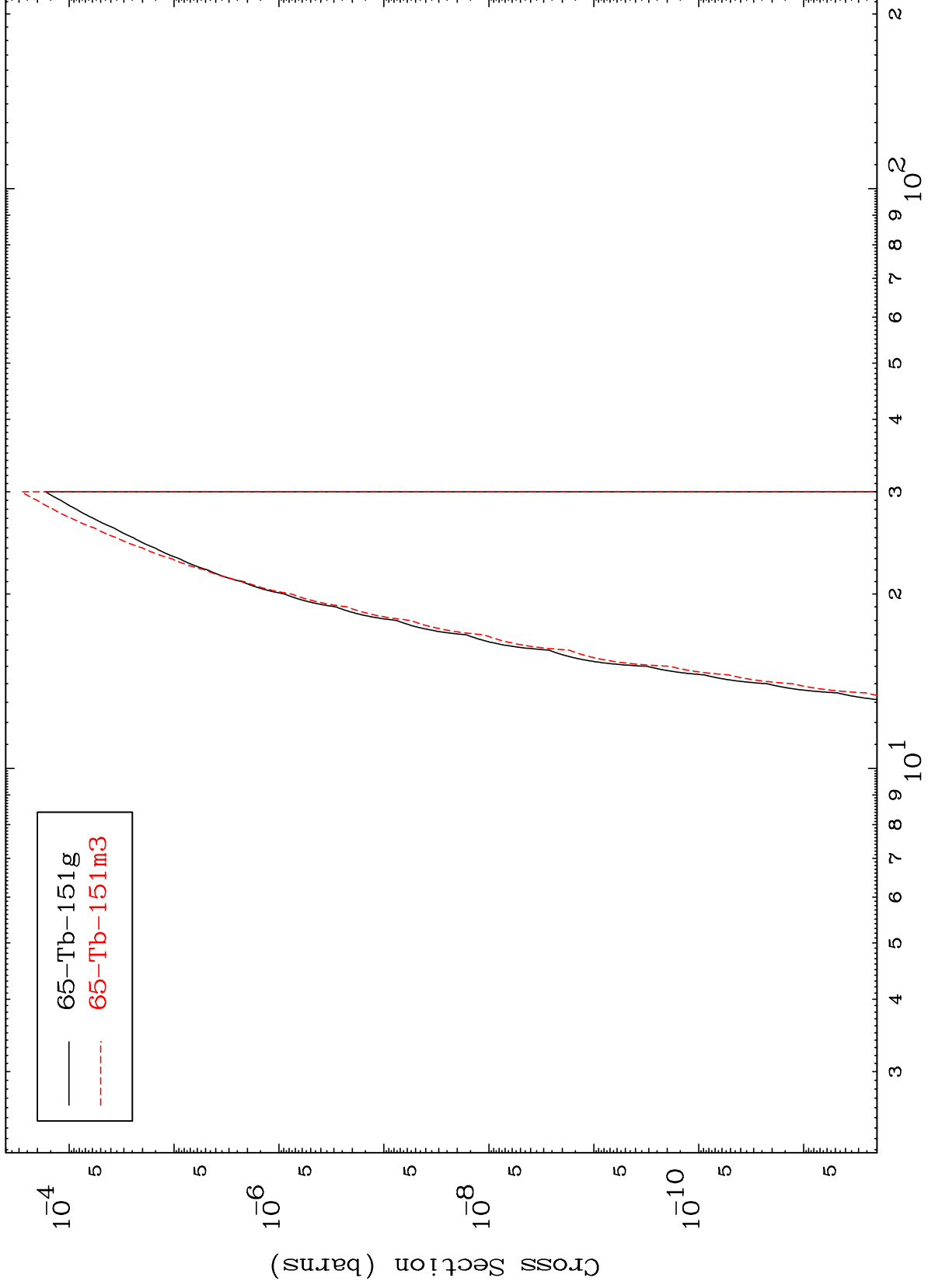
Incident Energy (MeV)

MAT 6807

(n,n') p  $\alpha$

68-Er-156

Radionuclide Production Cross Section



131

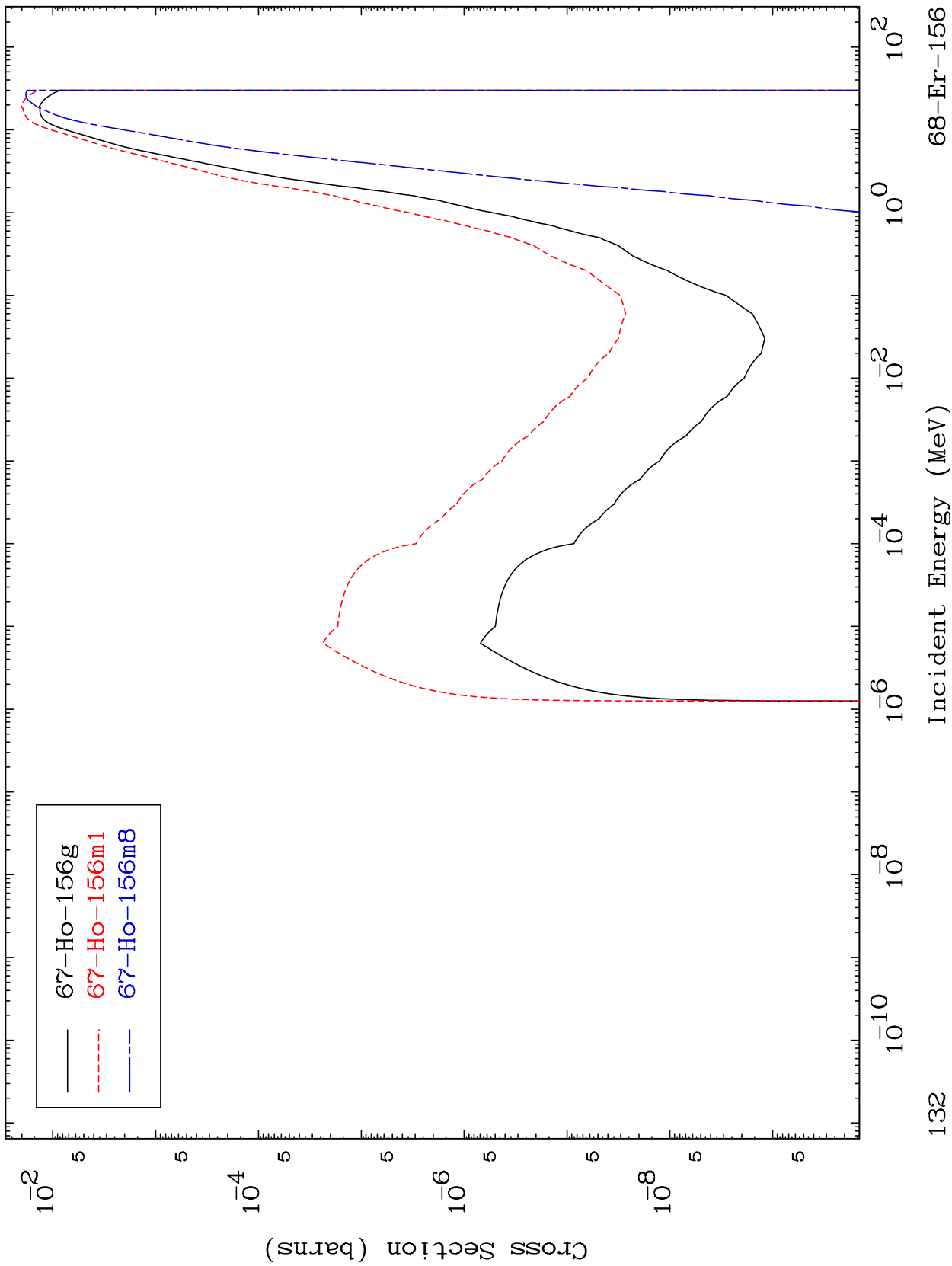
Incident Energy (MeV)

68-Er-156

MAT 6807

$^{68}\text{Er-156}$

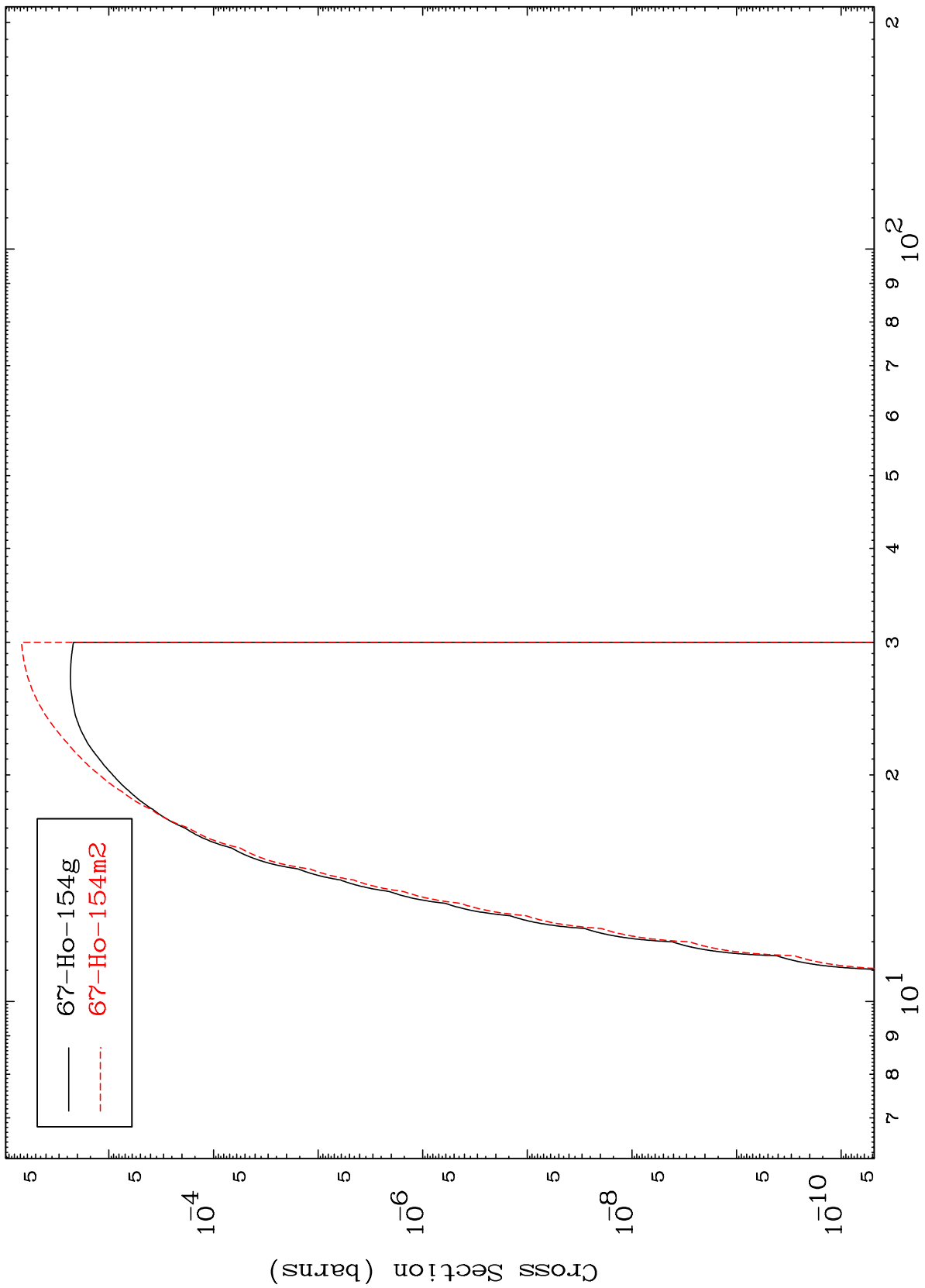
(n,p)  
Radionuclide Production Cross Section



MAT 6807

68-Er-156

(n, t)  
Radionuclide Production Cross Section



133

Incident Energy (MeV)

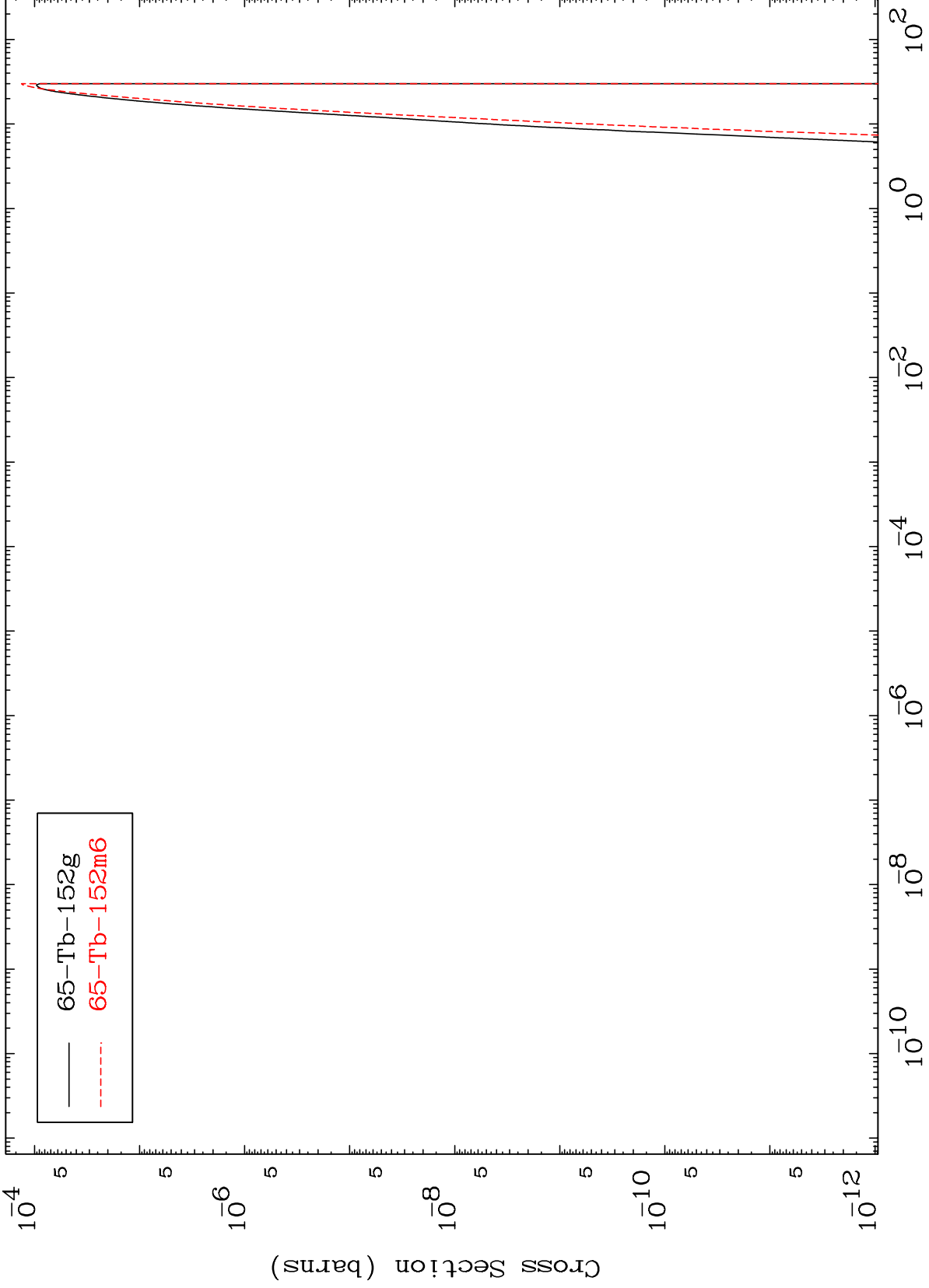
68-Er-156

MAT 6807

(n,p)  $\alpha$

68-Er-156

Radionuclide Production Cross Section



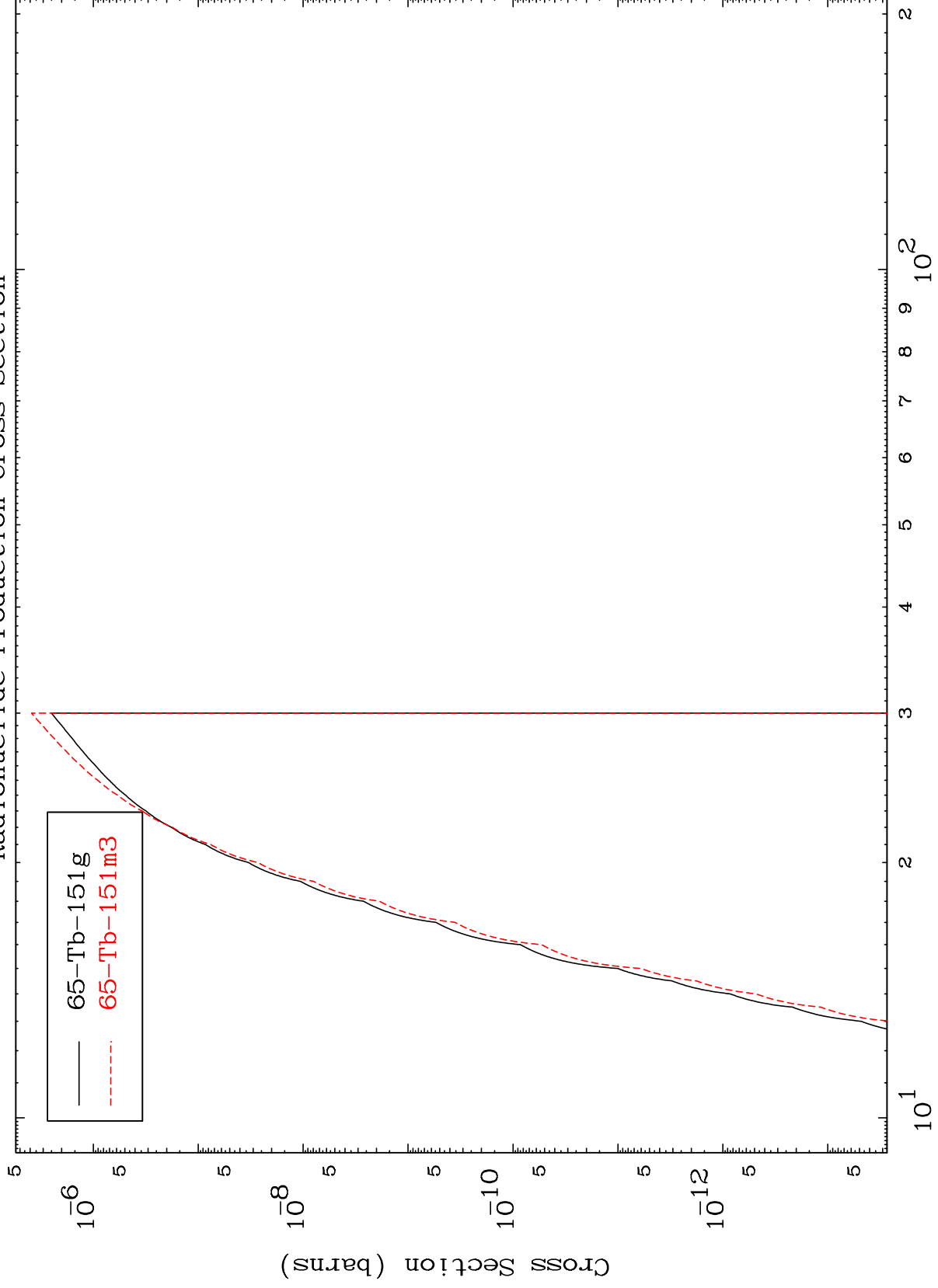
65-Tb-152g  
65-Tb-152m6

MAT 6807

(n,d)  $\alpha$

68-Er-156

Radionuclide Production Cross Section



135

Incident Energy (MeV)

68-Er-156