

Program EVALPLOT  
(Version 2018-1)

by

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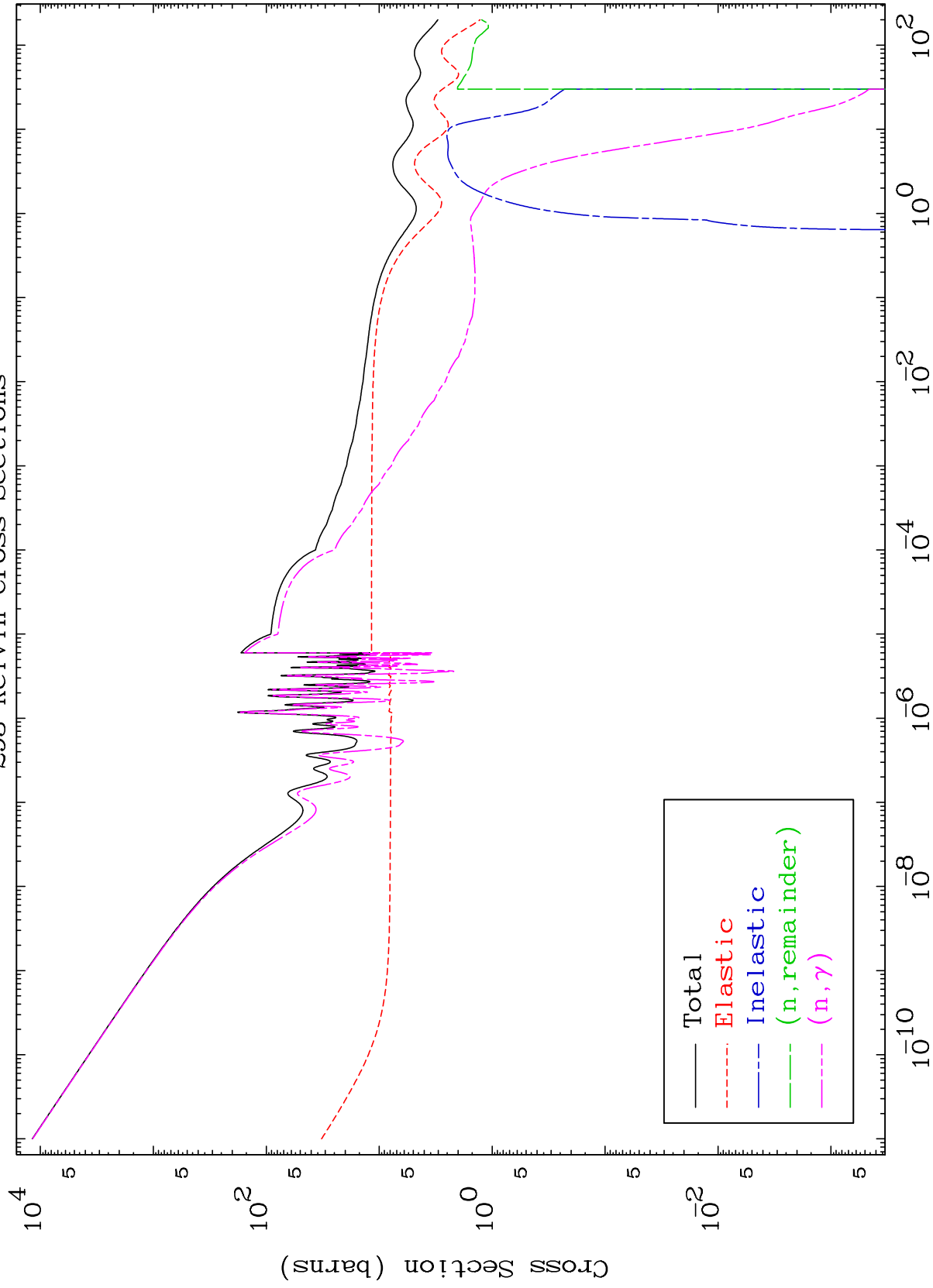
Press Mouse Button to Start

MAT 8713

Major

293 Kelvin Cross Sections

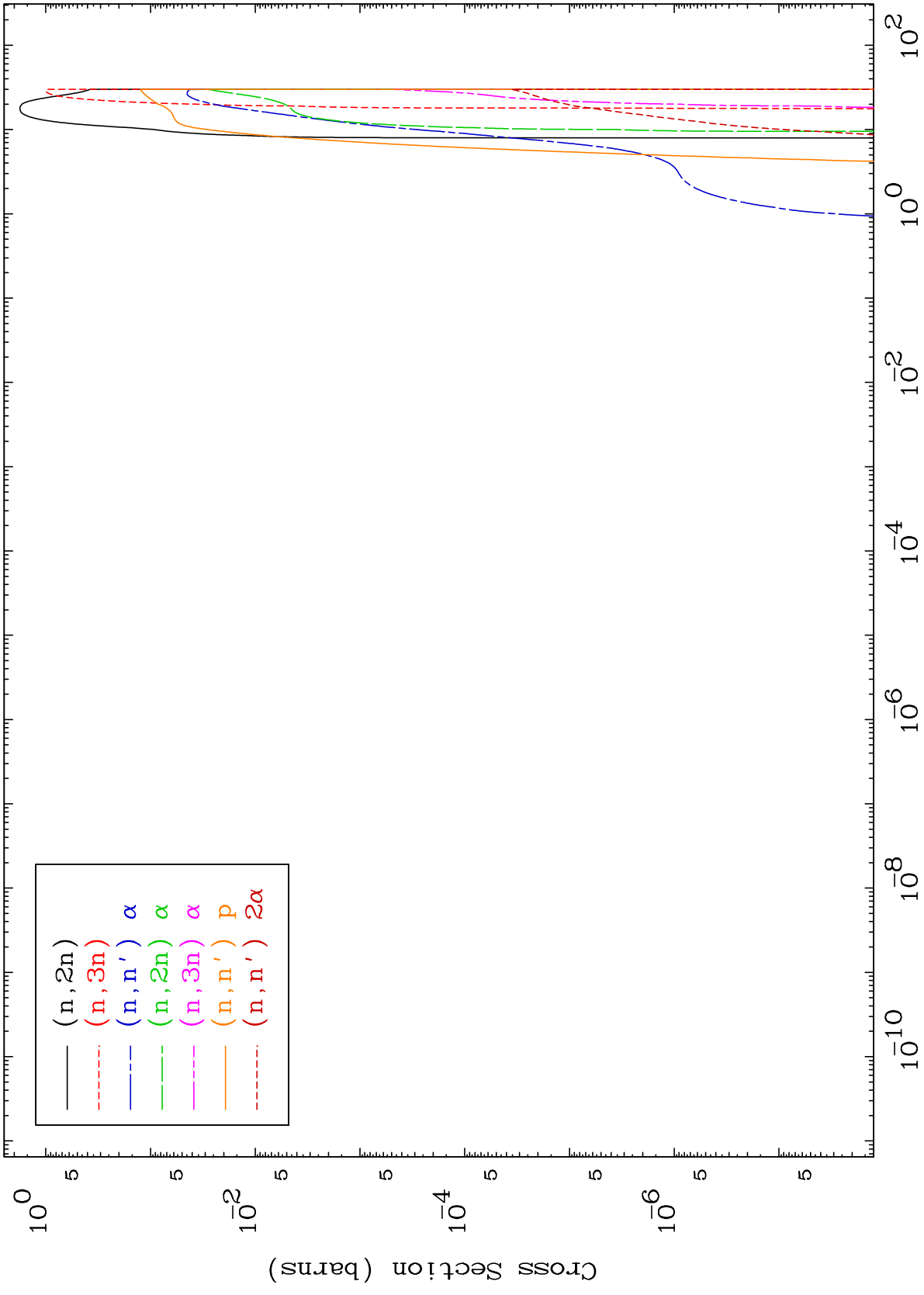
87-Fr-208



MAT 8713

Neutron Production  
293 Kelvin Cross Sections

87-Fr-208

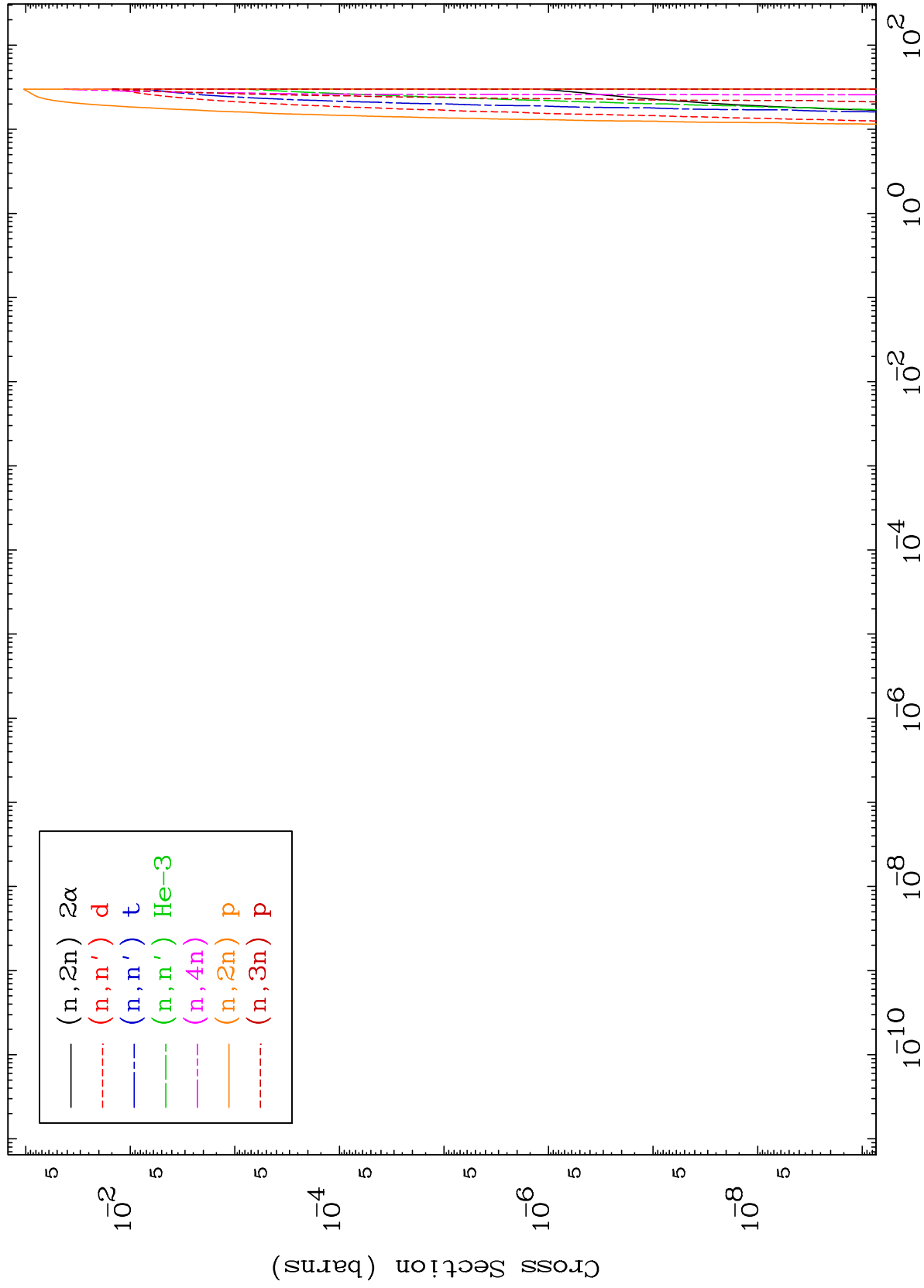


87-Fr-208

MAT 8713

Neutron Production  
293 Kelvin Cross Sections

87-Fr-208

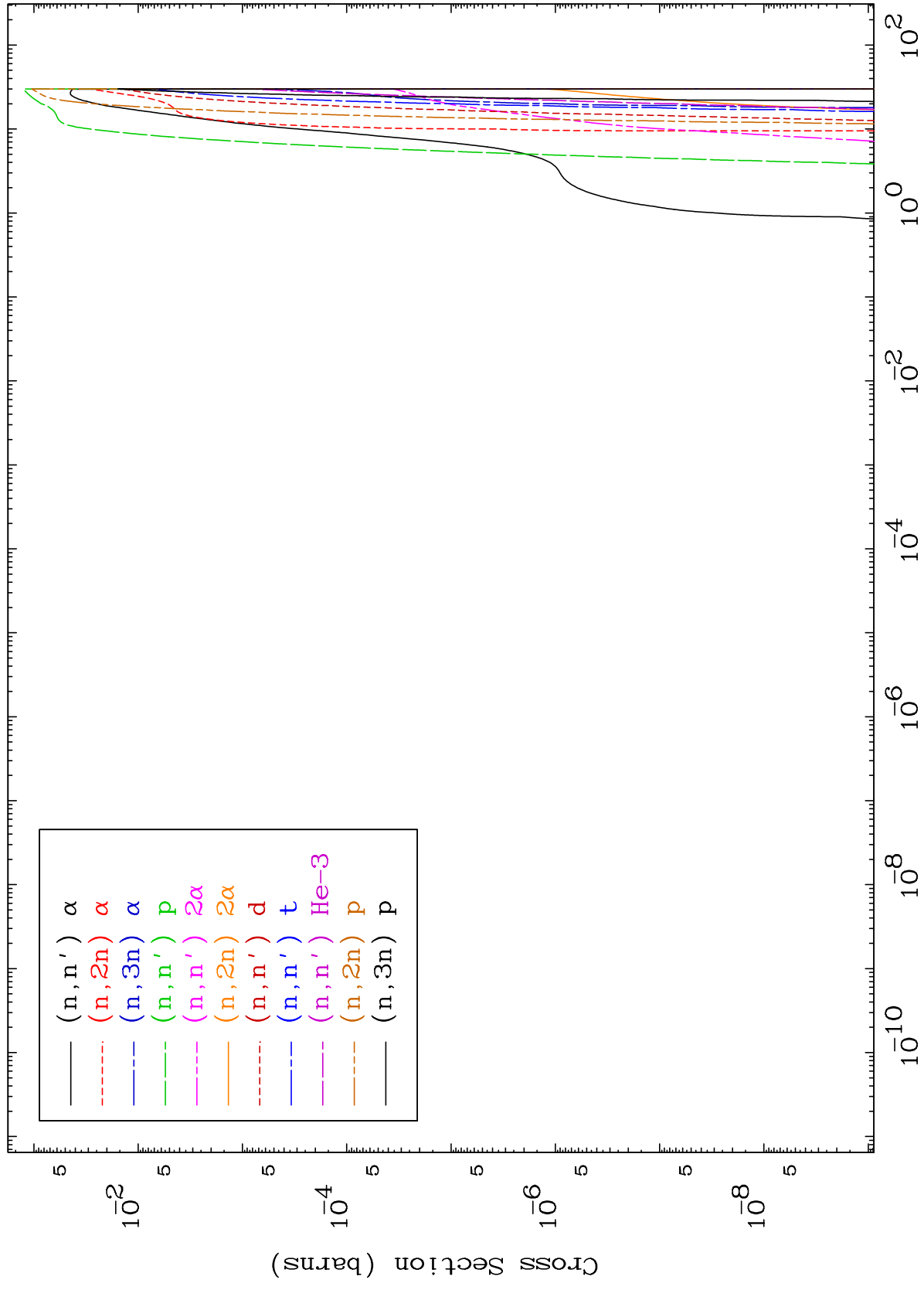


87-Fr-208

MAT 8713

Charged Particle  
293 Kelvin Cross Sections

87-Fr-208



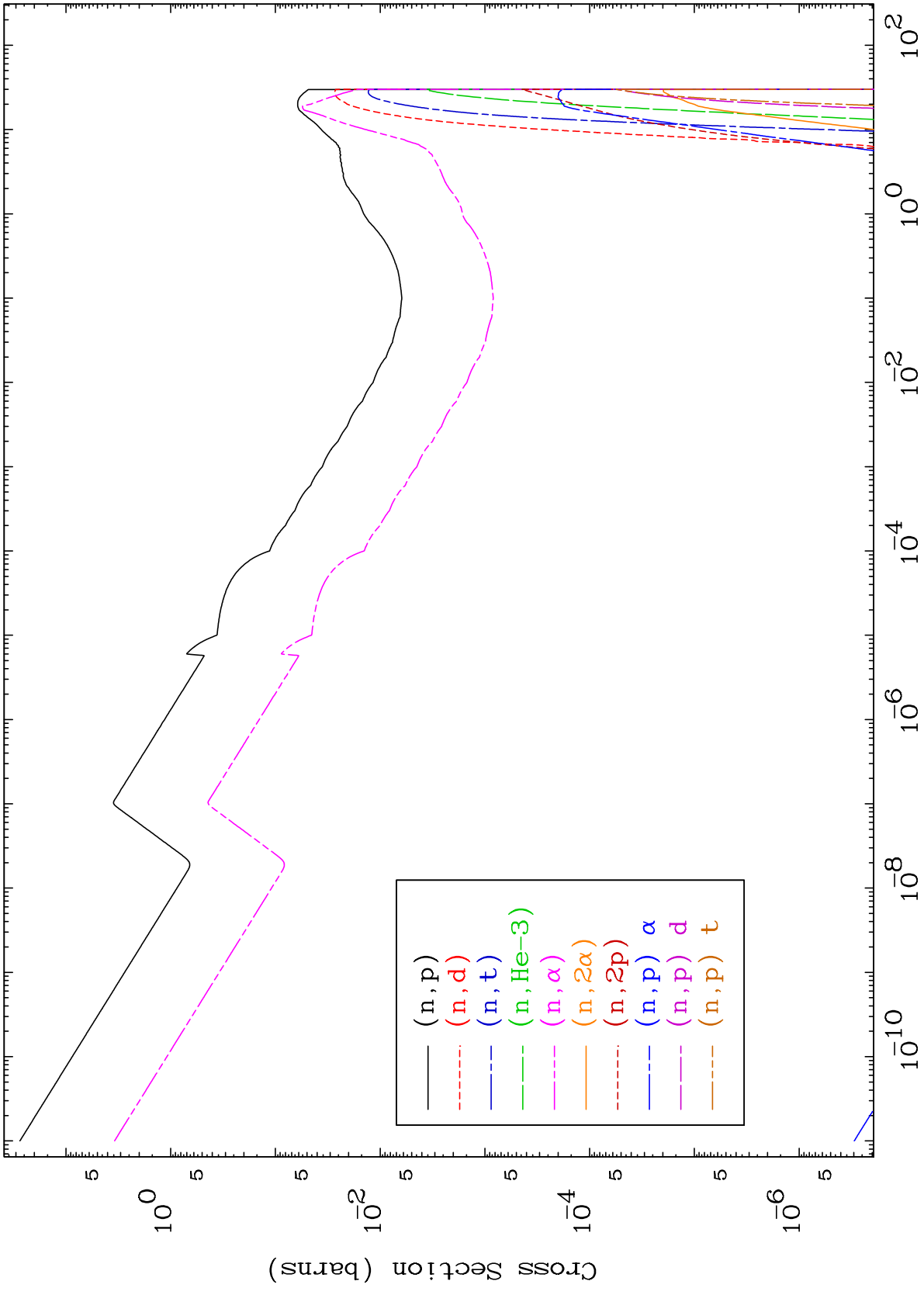
87-Fr-208

Incident Energy (MeV)

MAT 8713

Charged Particle  
293 Kelvin Cross Sections

87-Fr-208



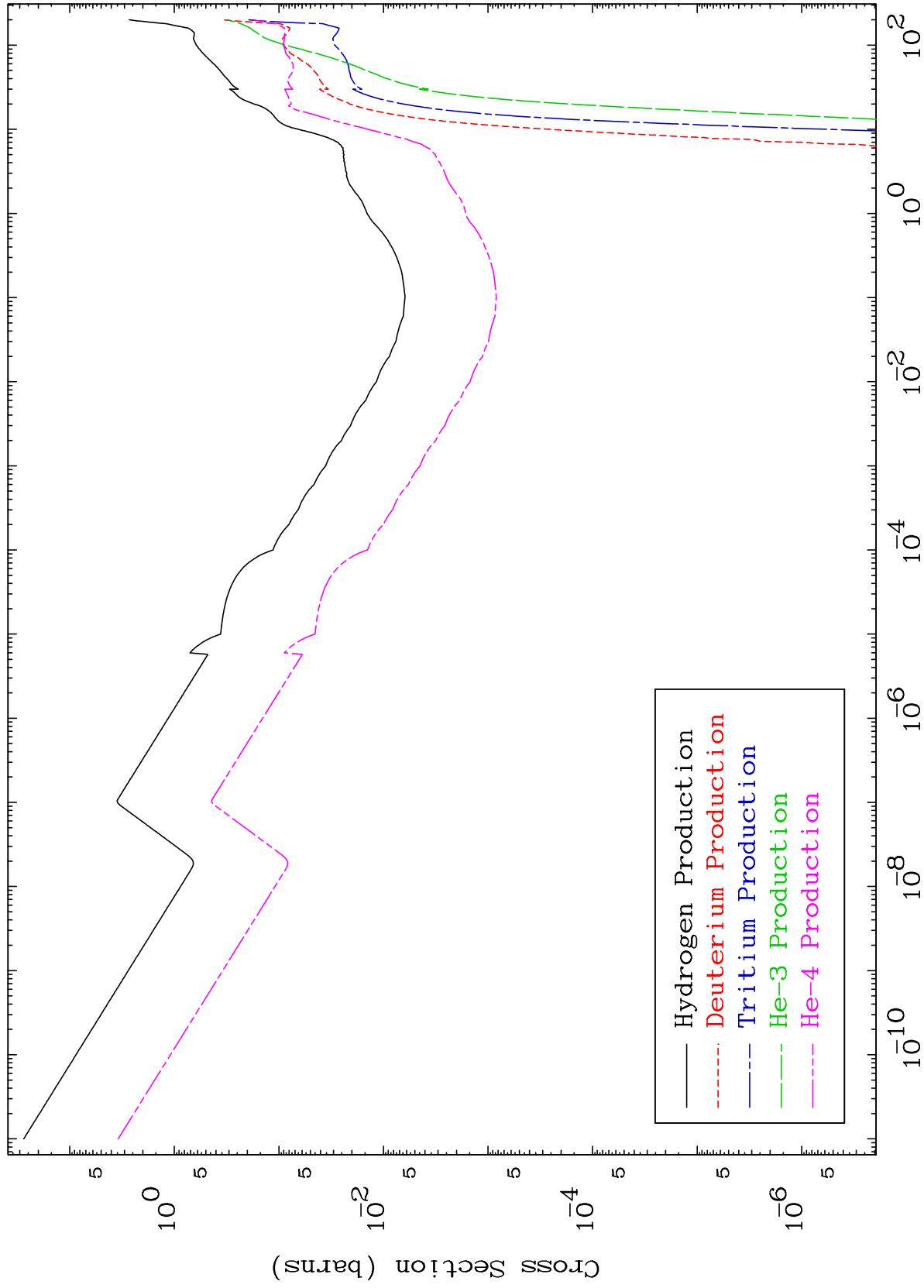
5

87-Fr-208

MAT 8713

Particle Production  
293 Kelvin Cross Sections

87-Fr-208

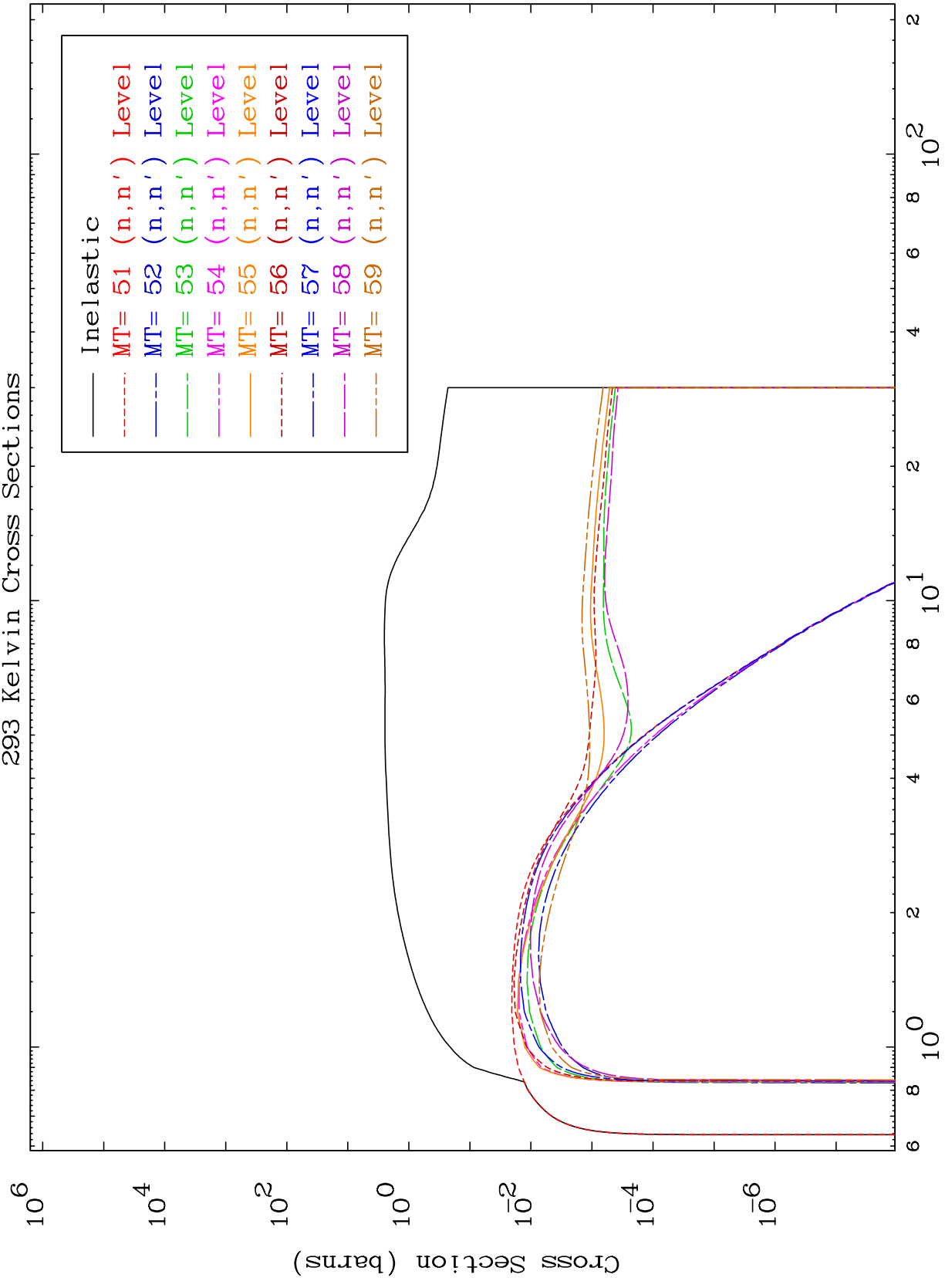


MAT 8713

(n,n') Level

87-Fr-208

293 Kelvin Cross Sections



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Incident Energy (MeV)

87-Fr-208

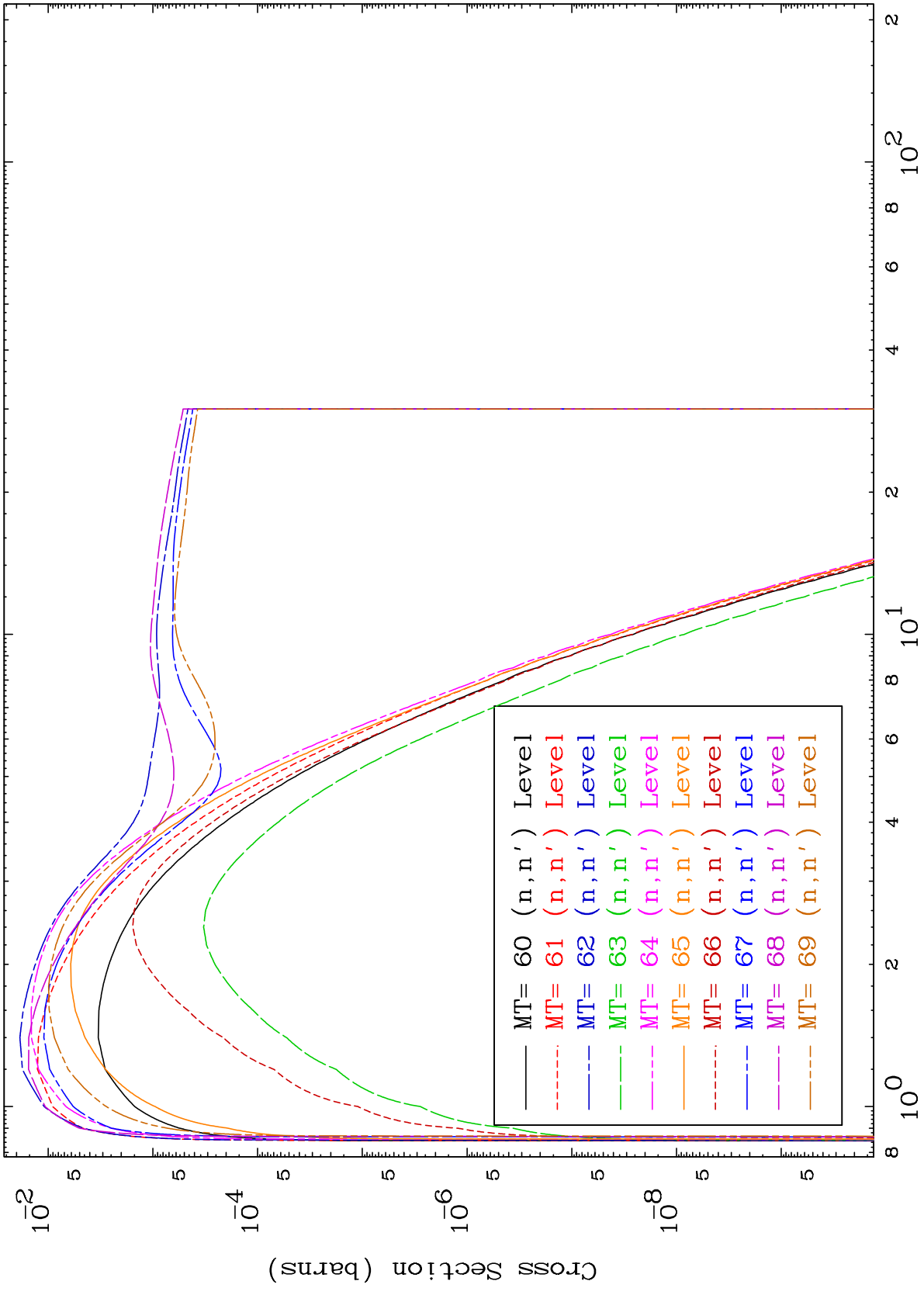


MAT 8713

(n,n') Level

87-Fr-208

293 Kelvin Cross Sections



8

Incident Energy (MeV)

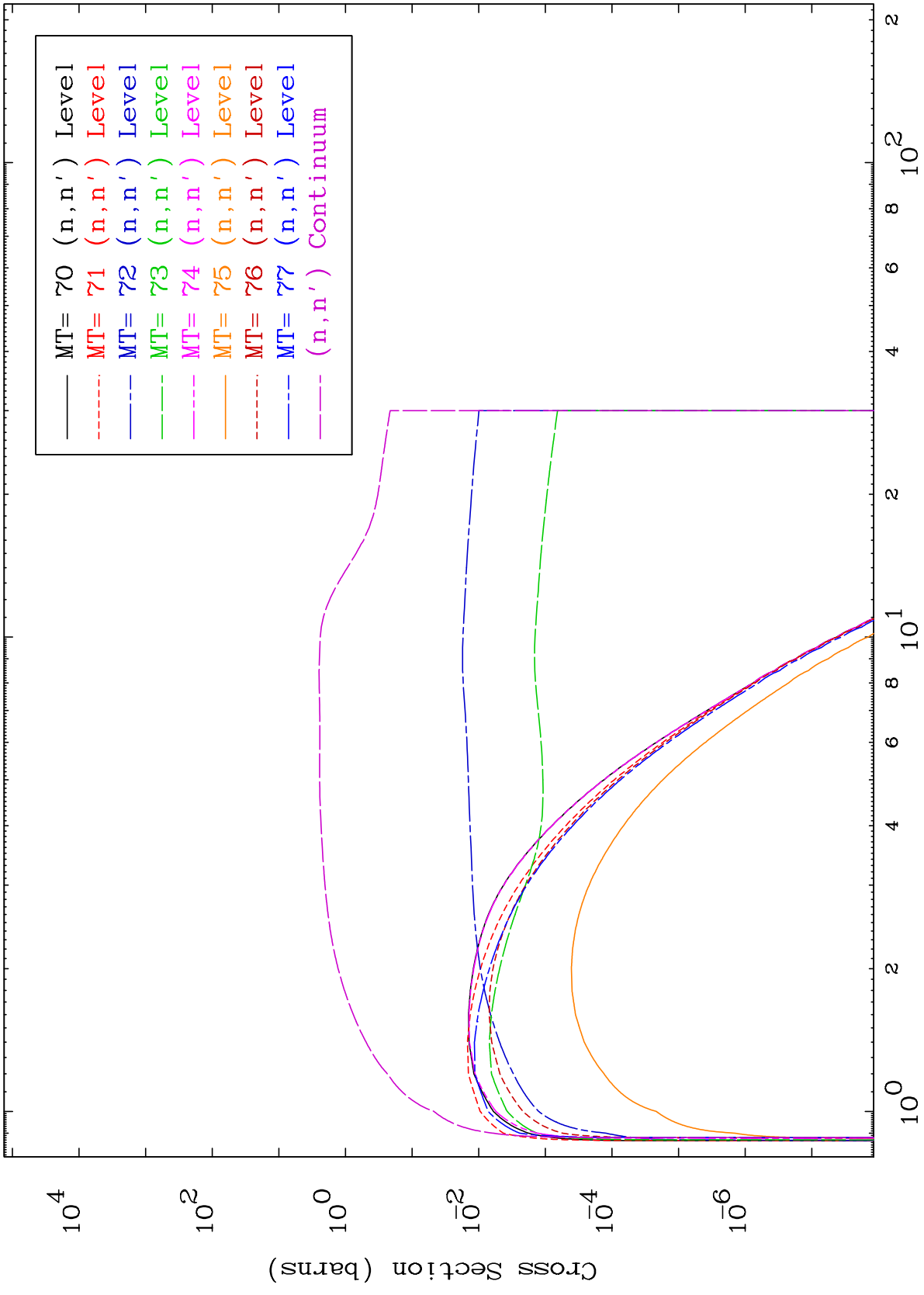
87-Fr-208

MAT 8713

(n,n') Level

87-Fr-208

293 Kelvin Cross Sections



9

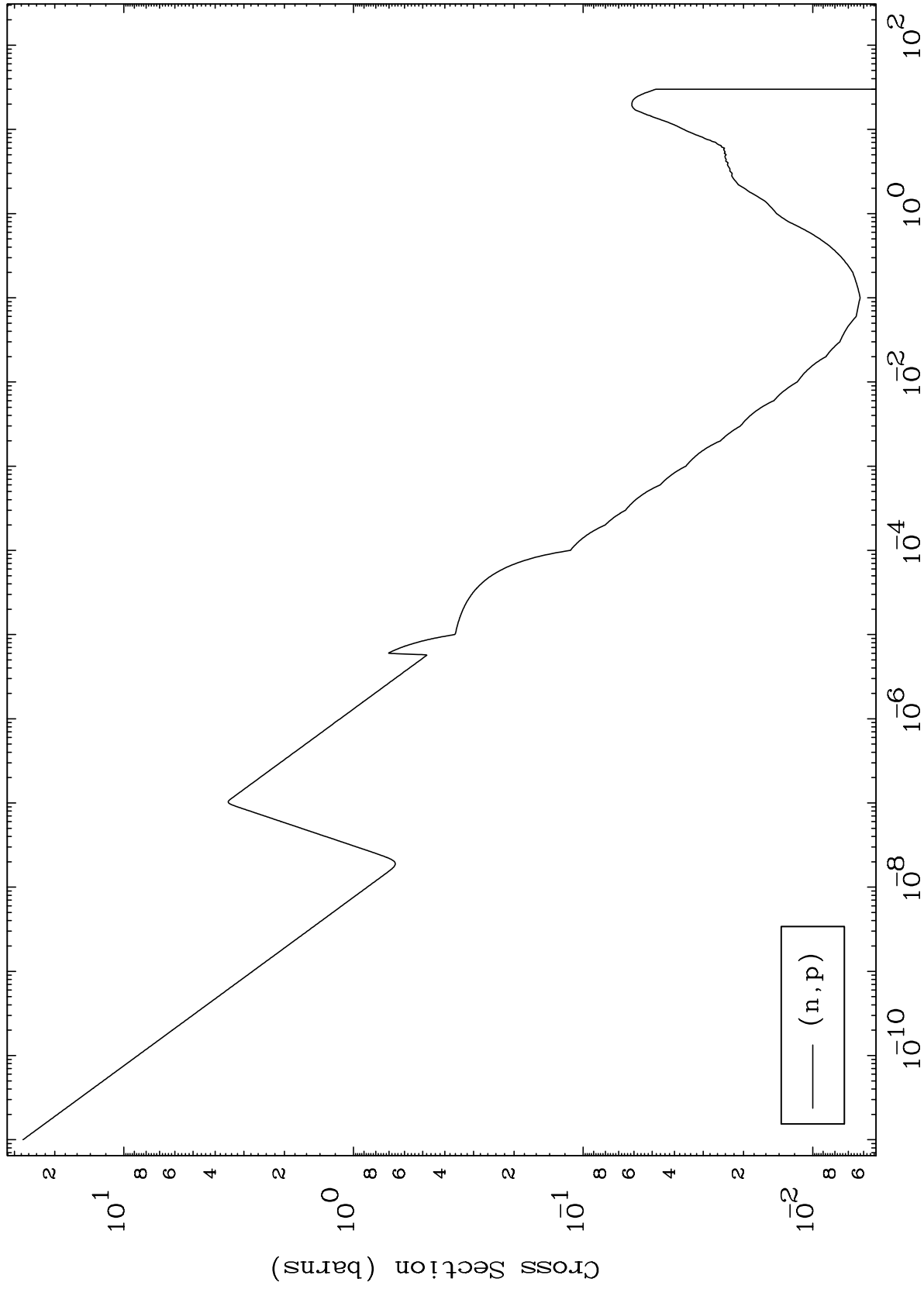
Incident Energy (MeV)

87-Fr-208

MAT 8713

(n,p) Levels  
293 Kelvin Cross Sections

87-Fr-208



10

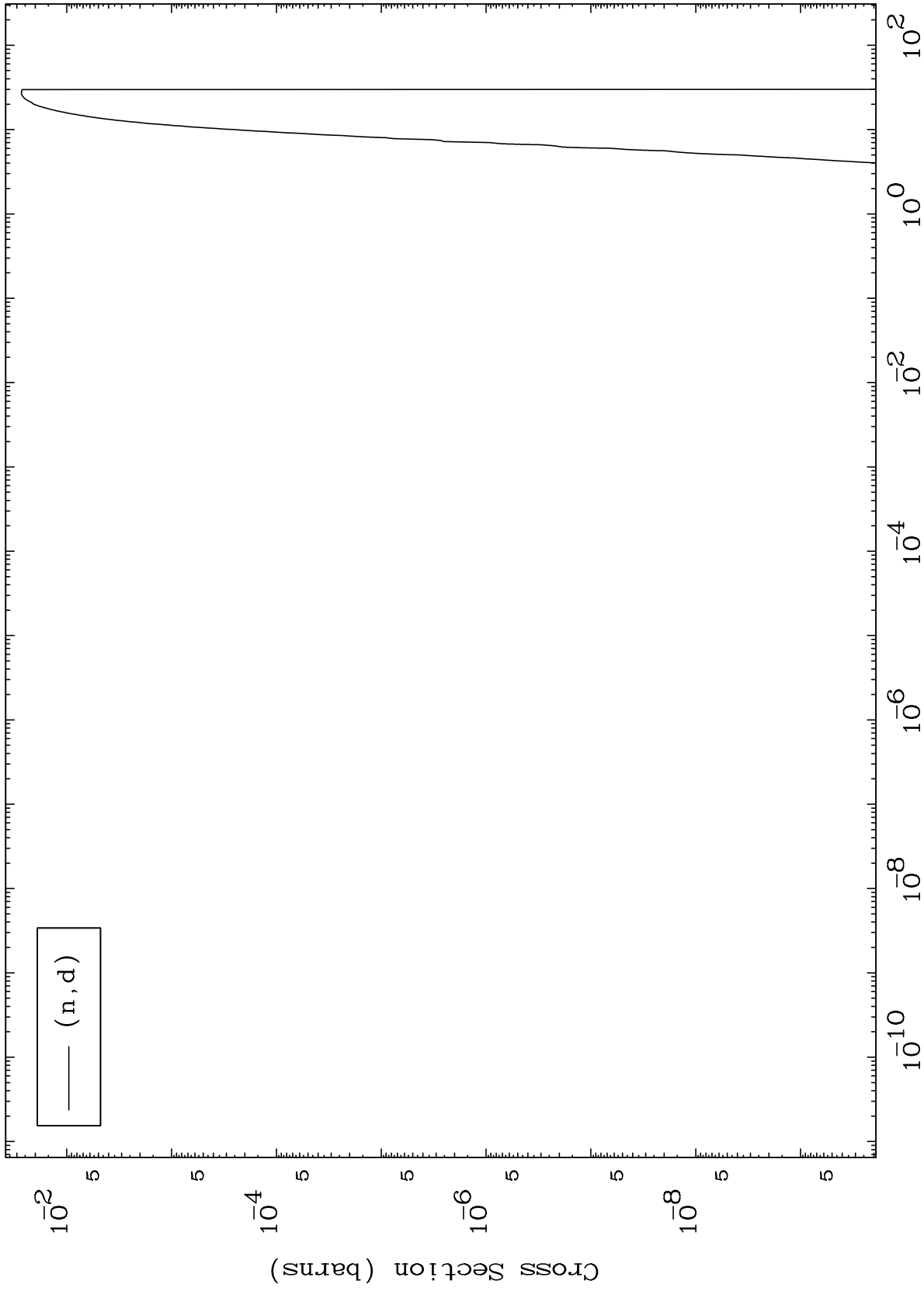
Incident Energy (MeV)

87-Fr-208

MAT 8713

(n,d) Levels  
293 Kelvin Cross Sections

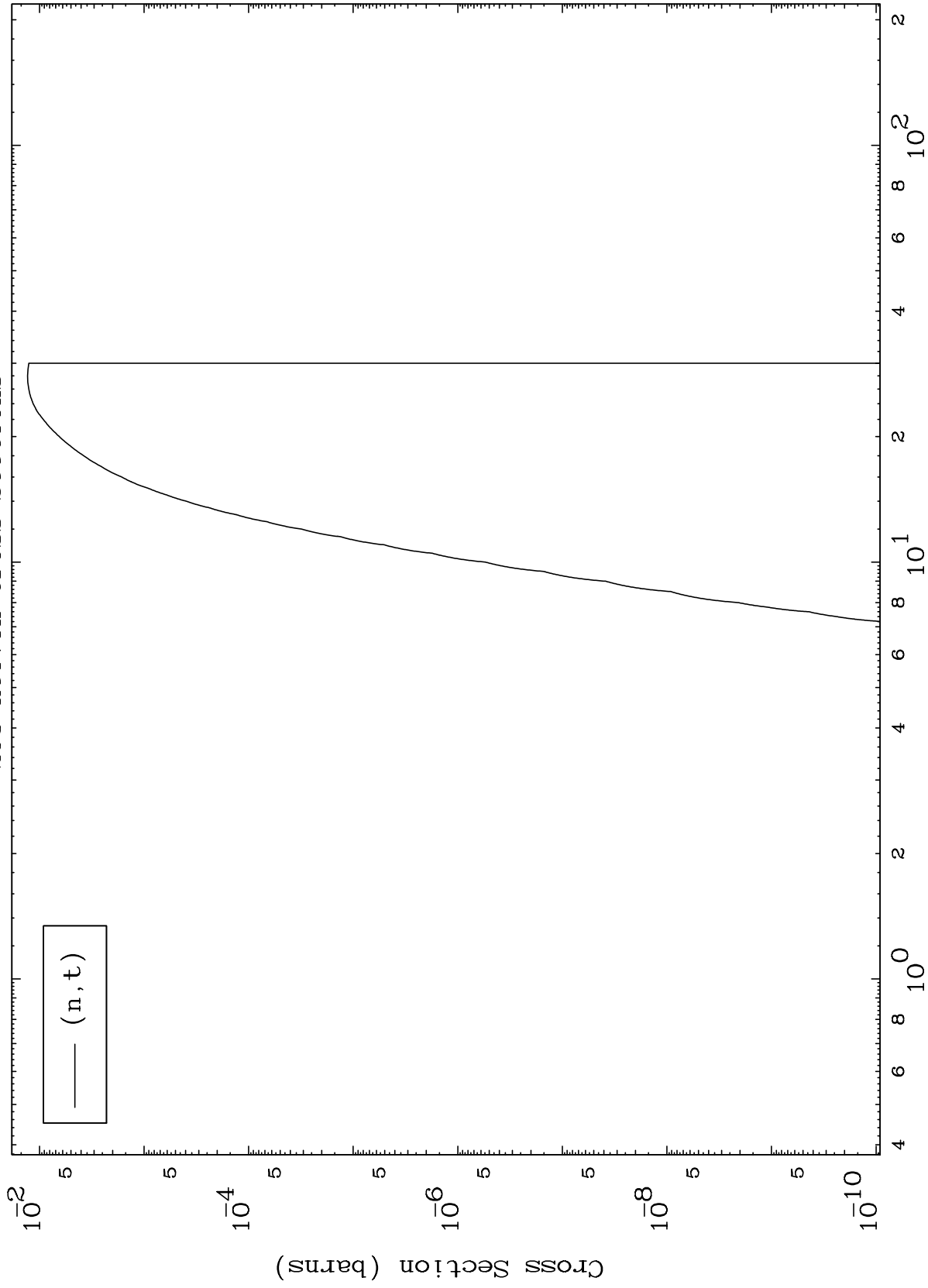
87-Fr-208



MAT 8713

87-Fr-208

(n,t) Levels  
293 Kelvin Cross Sections



12

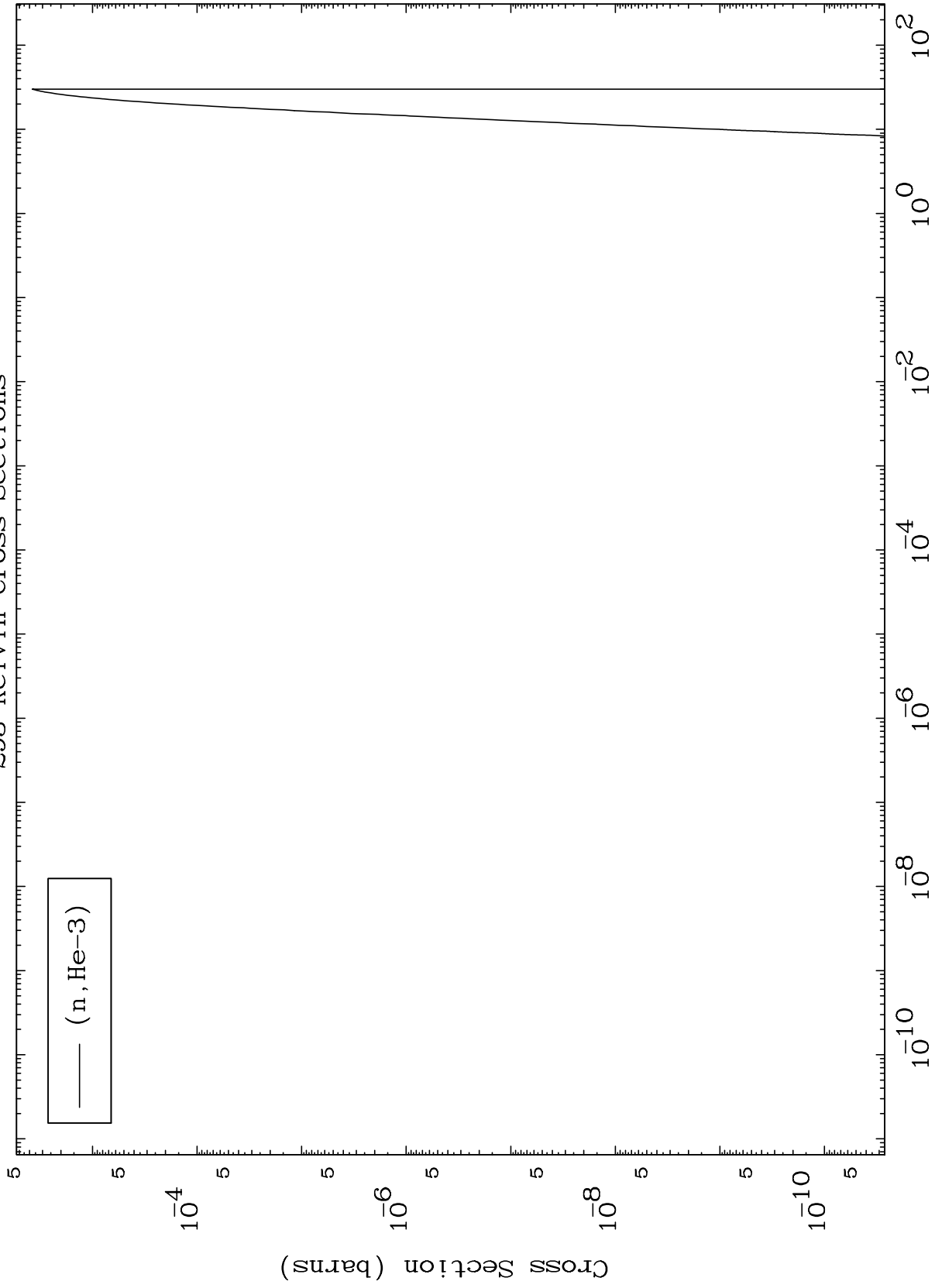
Incident Energy (MeV)

87-Fr-208

MAT 8713

(n,He3) Levels  
293 Kelvin Cross Sections

87-Fr-208



13

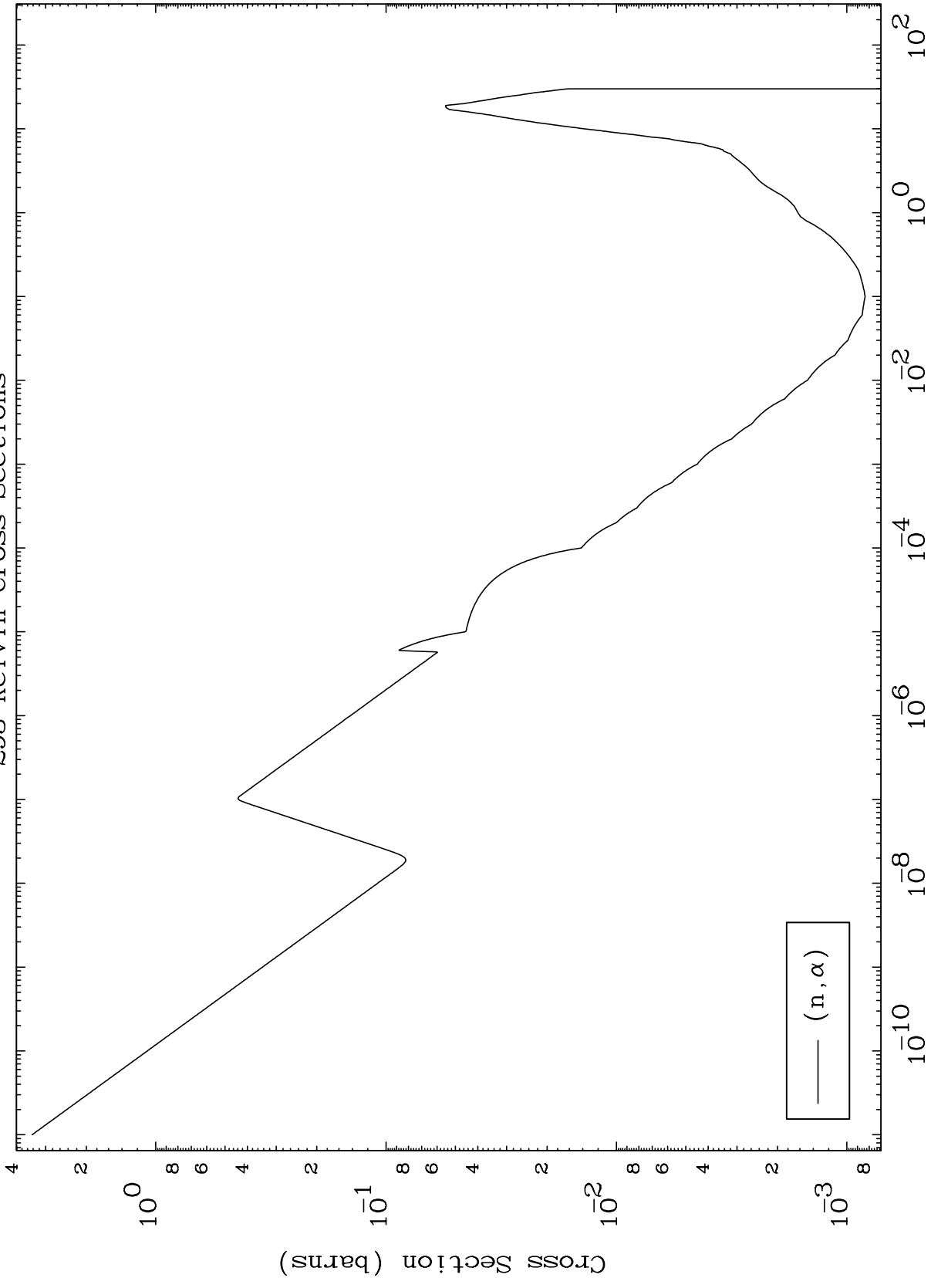
Incident Energy (MeV)

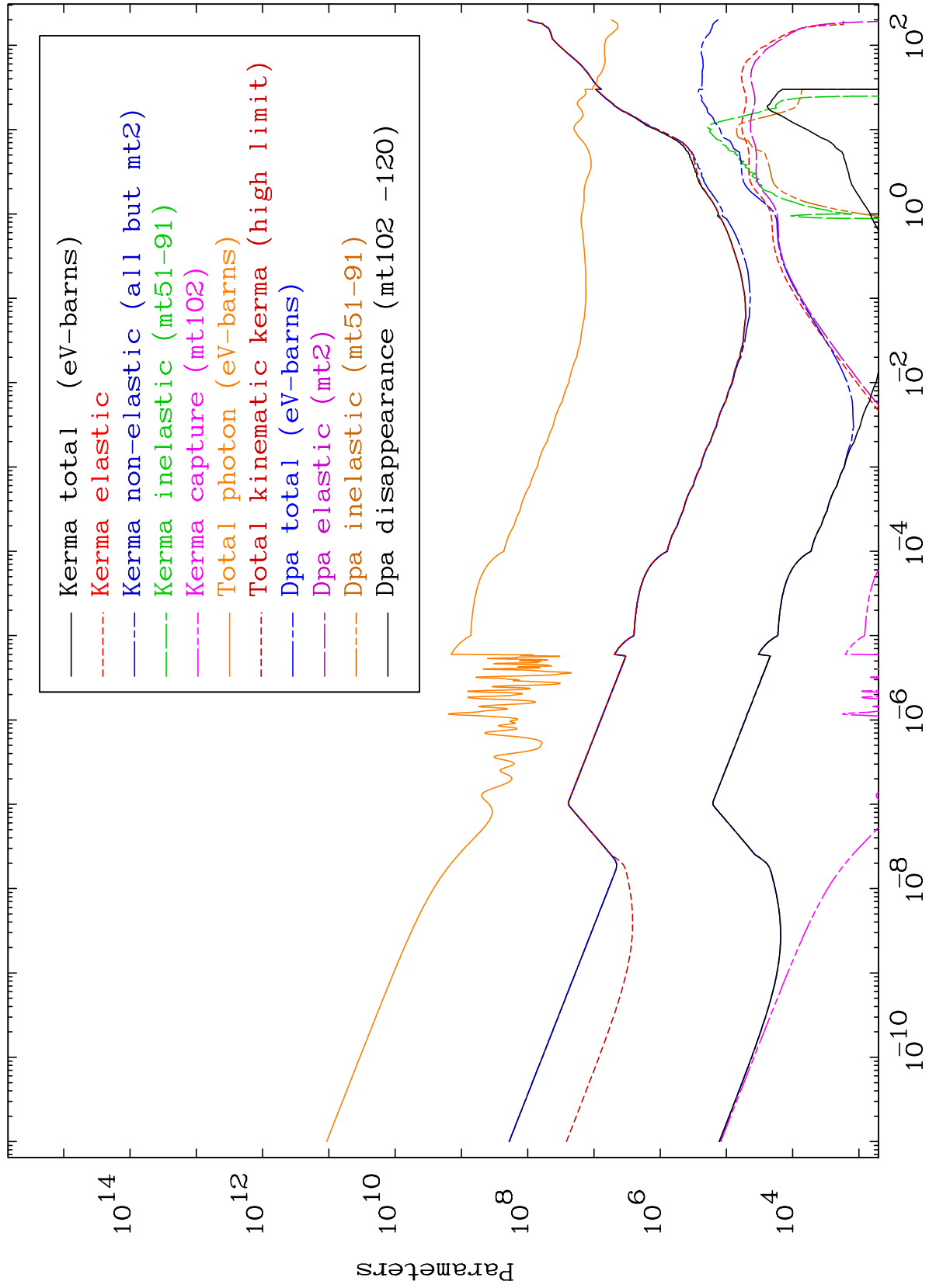
87-Fr-208

MAT 8713

(n,α) Levels  
293 Kelvin Cross Sections

87-Fr-208



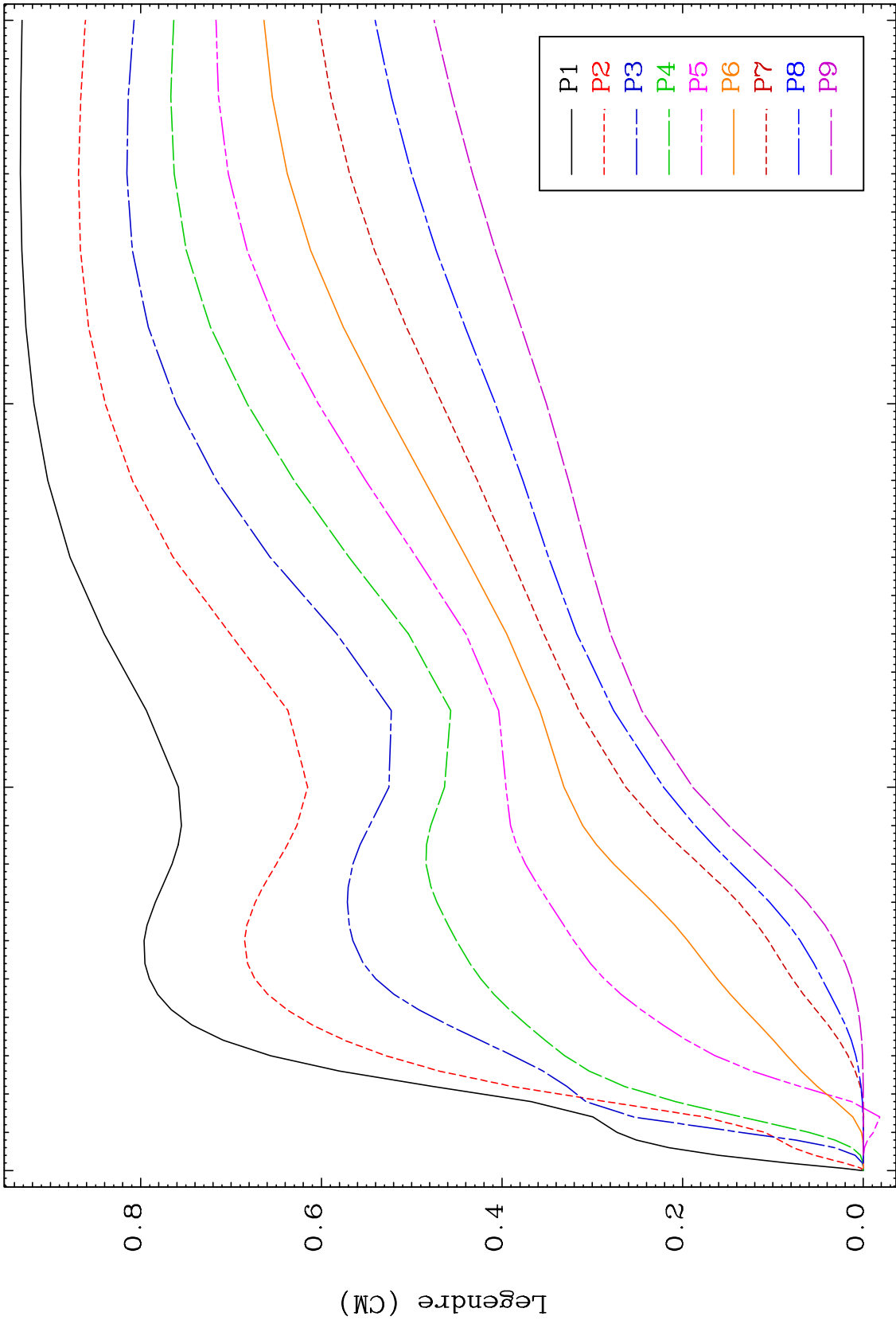




MAT 8713

87-Fr-208

Elastic Legendre Coefficients



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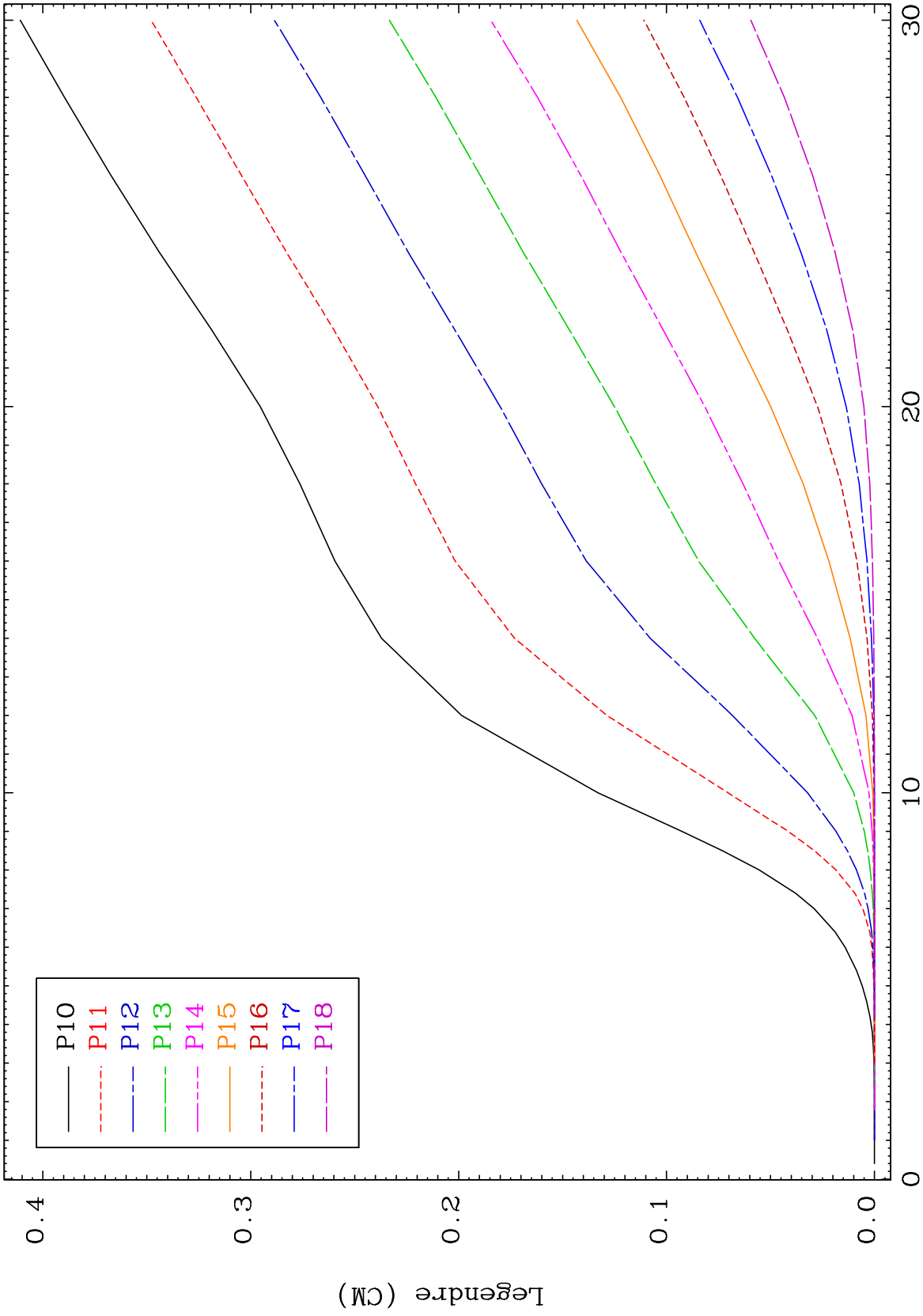
Incident Energy (MeV)

87-Fr-208

MAT 8713

Elastic Legendre Coefficients

87-Fr-208



17

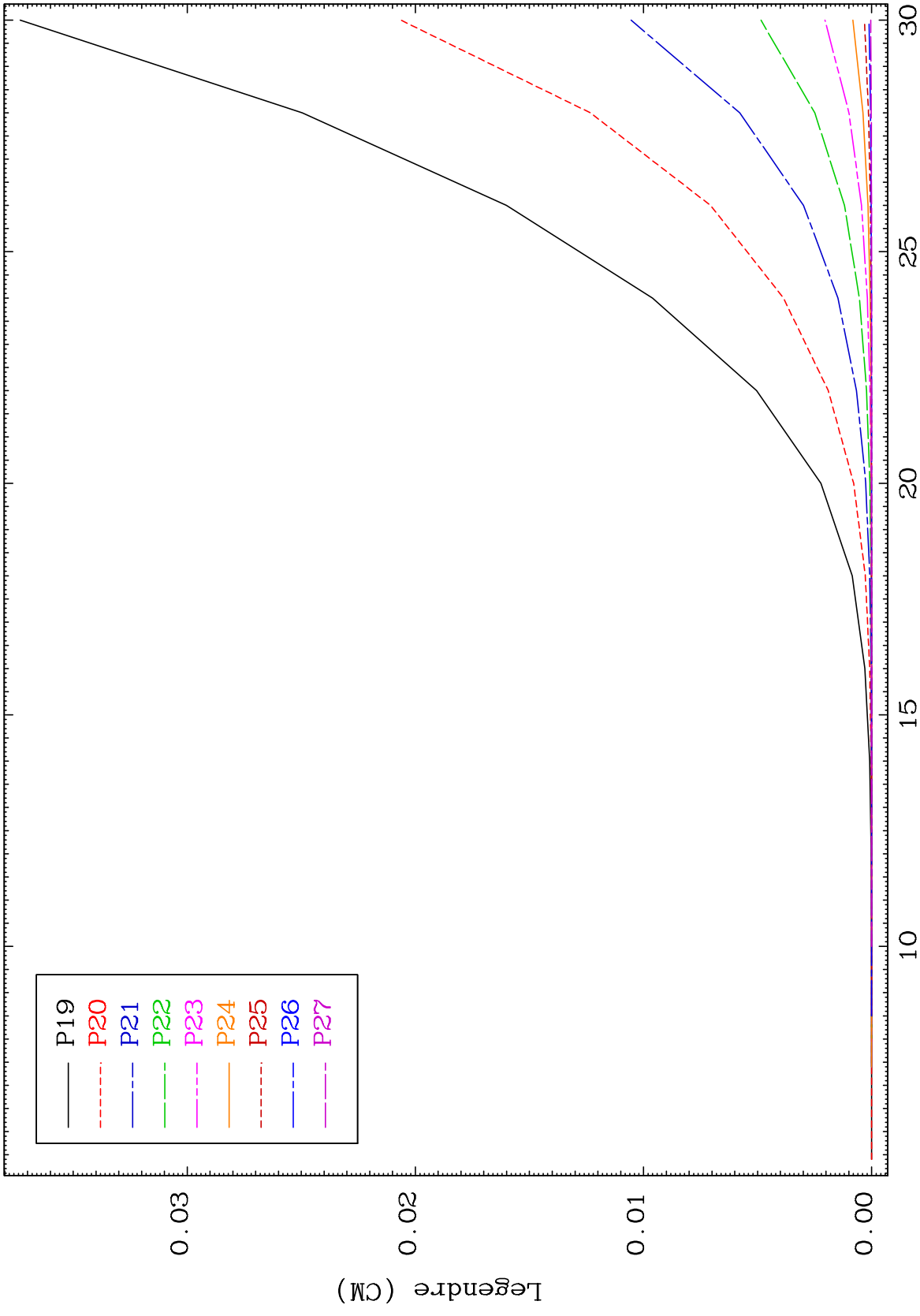
Incident Energy (MeV)

87-Fr-208

MAT 8713

Elastic Legendre Coefficients

87-Fr-208



18

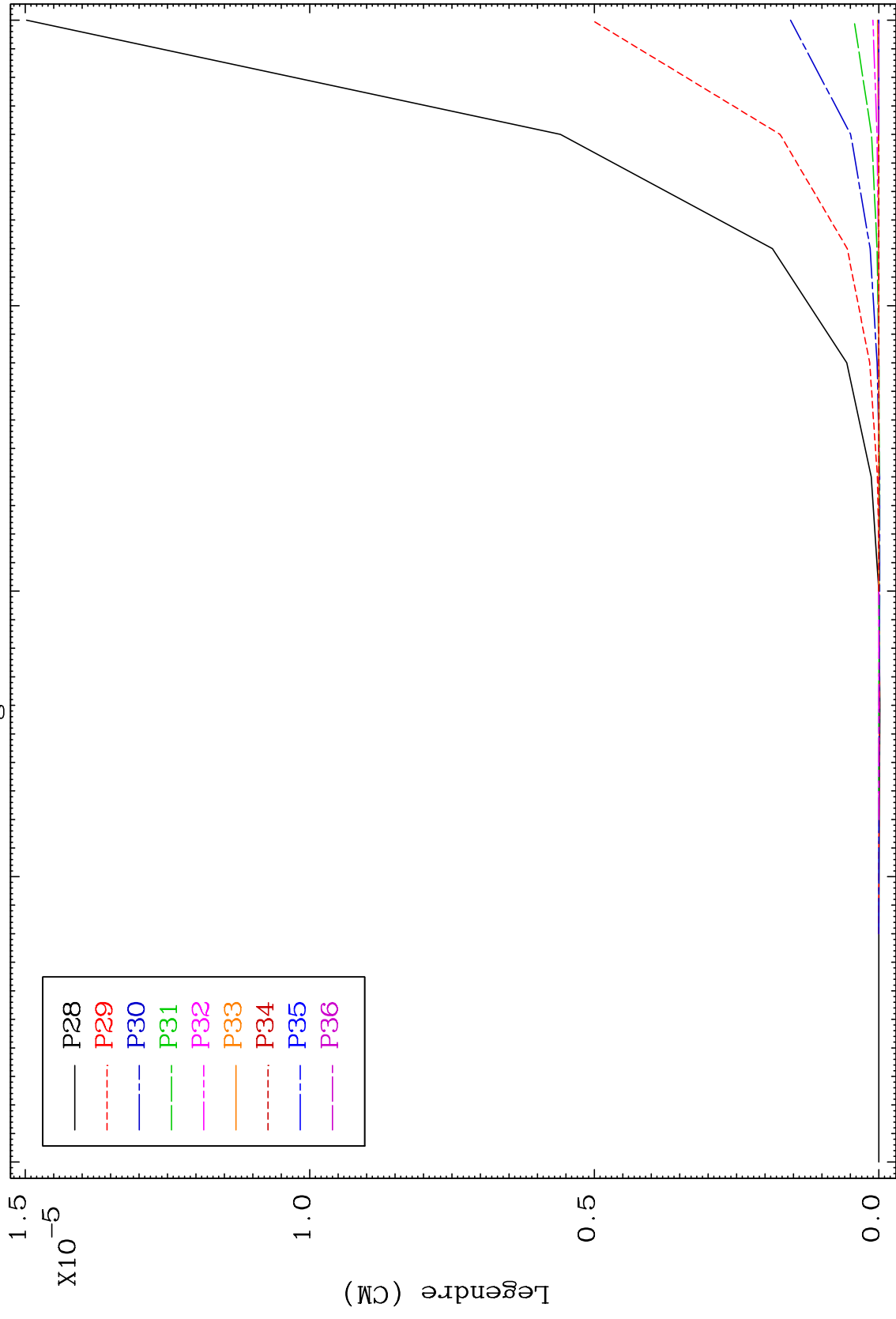
Incident Energy (MeV)

87-Fr-208

MAT 8713

Elastic Legendre Coefficients

87-Fr-208



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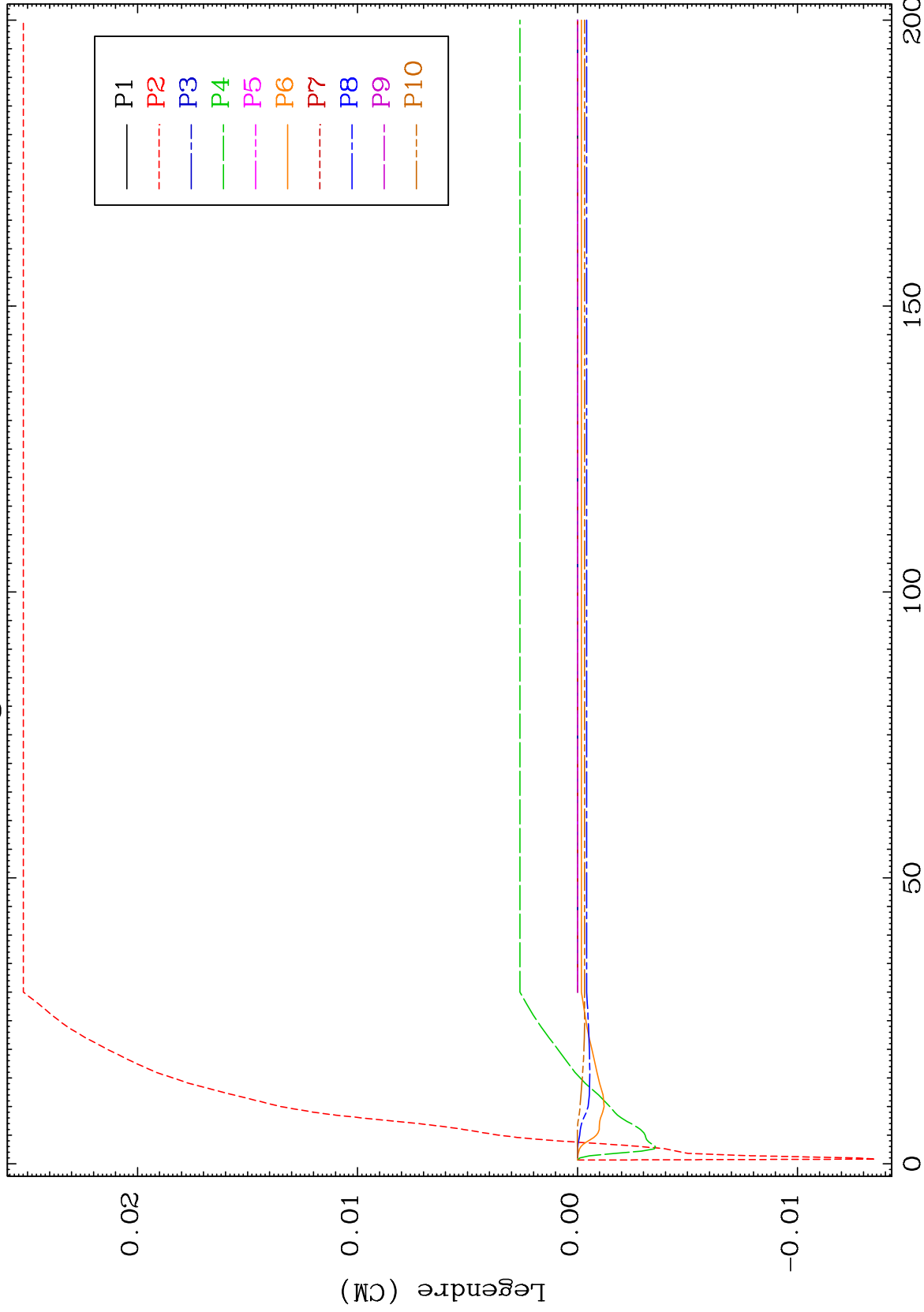
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



87-Fr-208

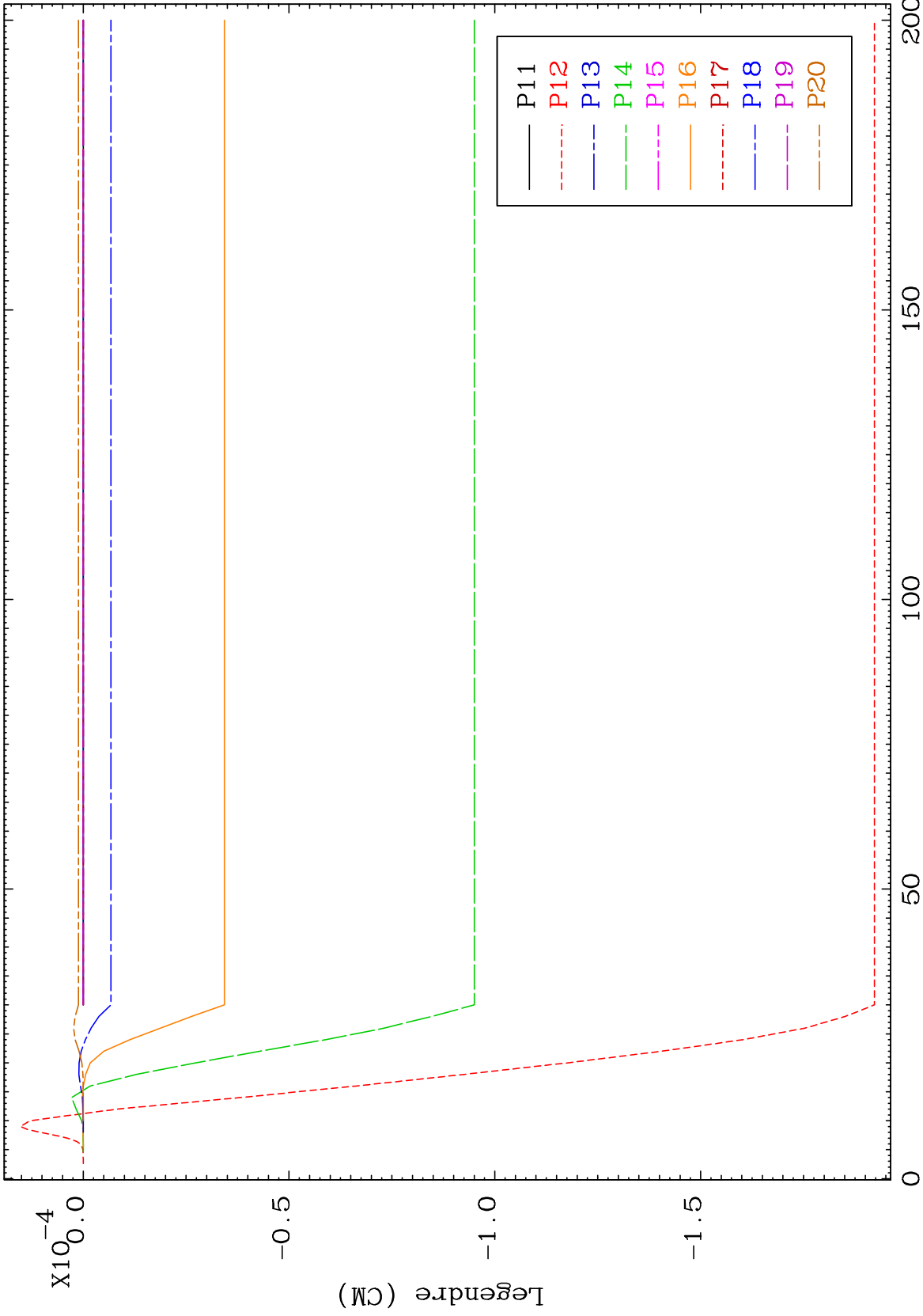
Incident Energy (MeV)

20

MAT 8713

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

87-Fr-208



21

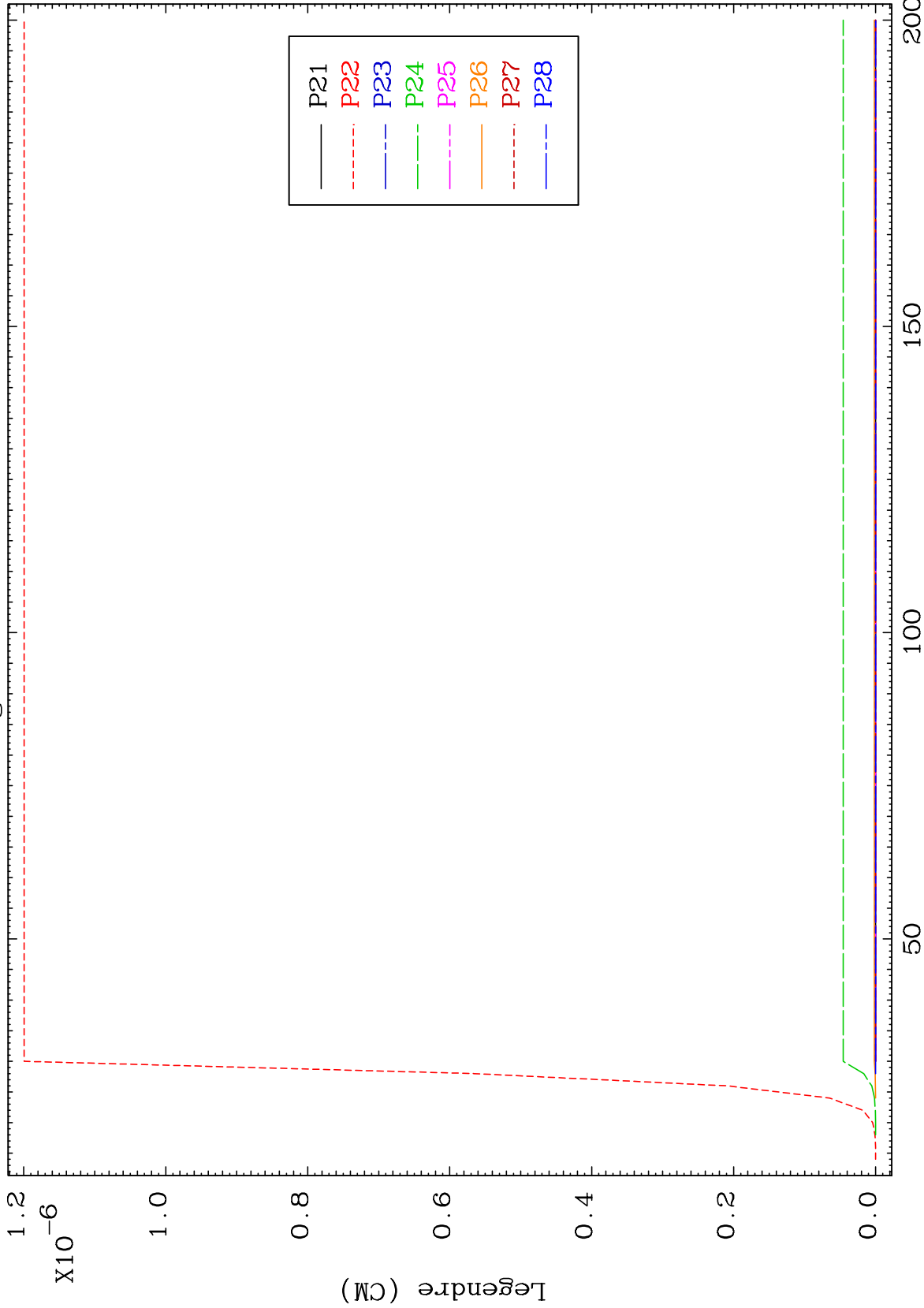
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



22

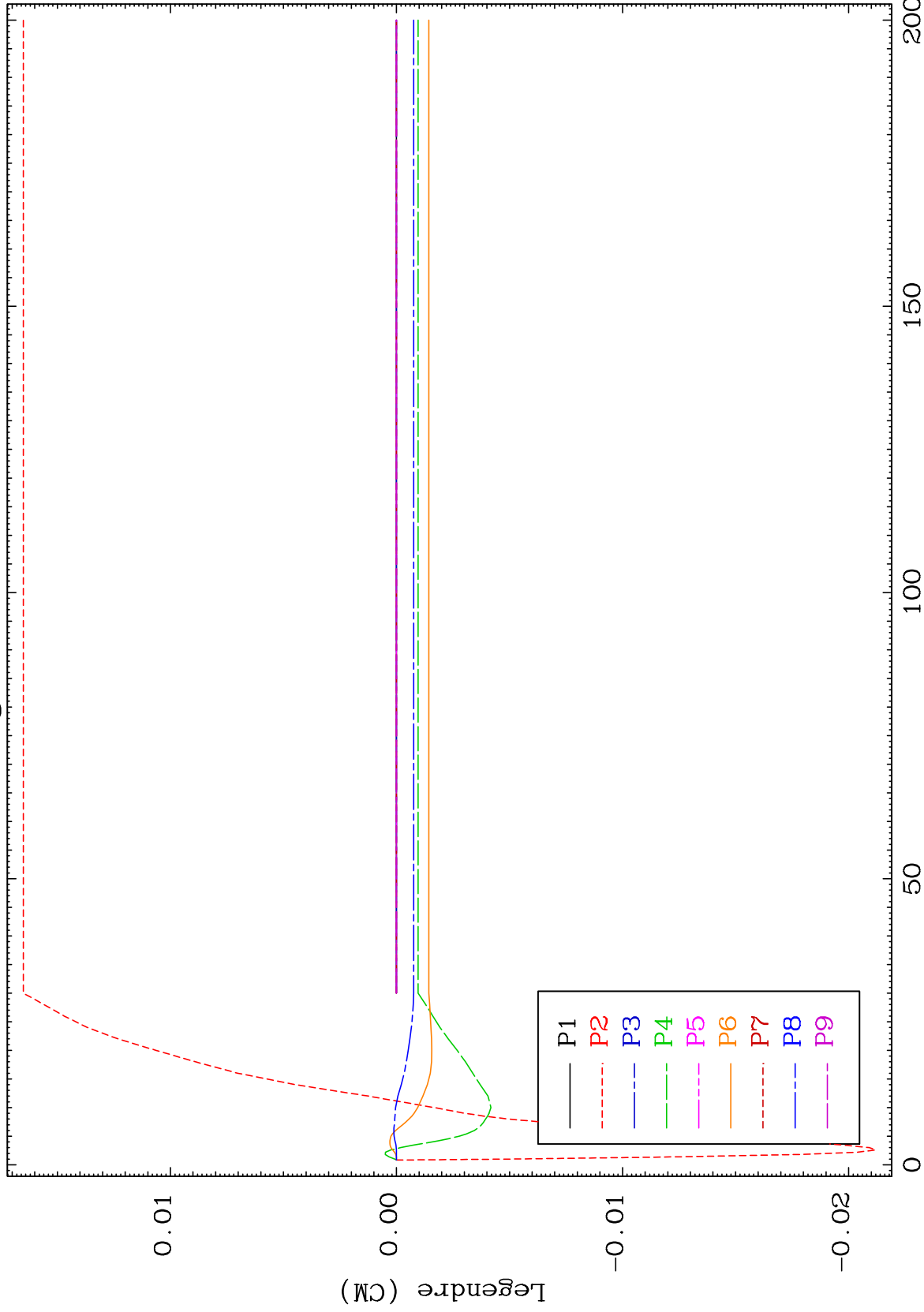
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



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Incident Energy (MeV)

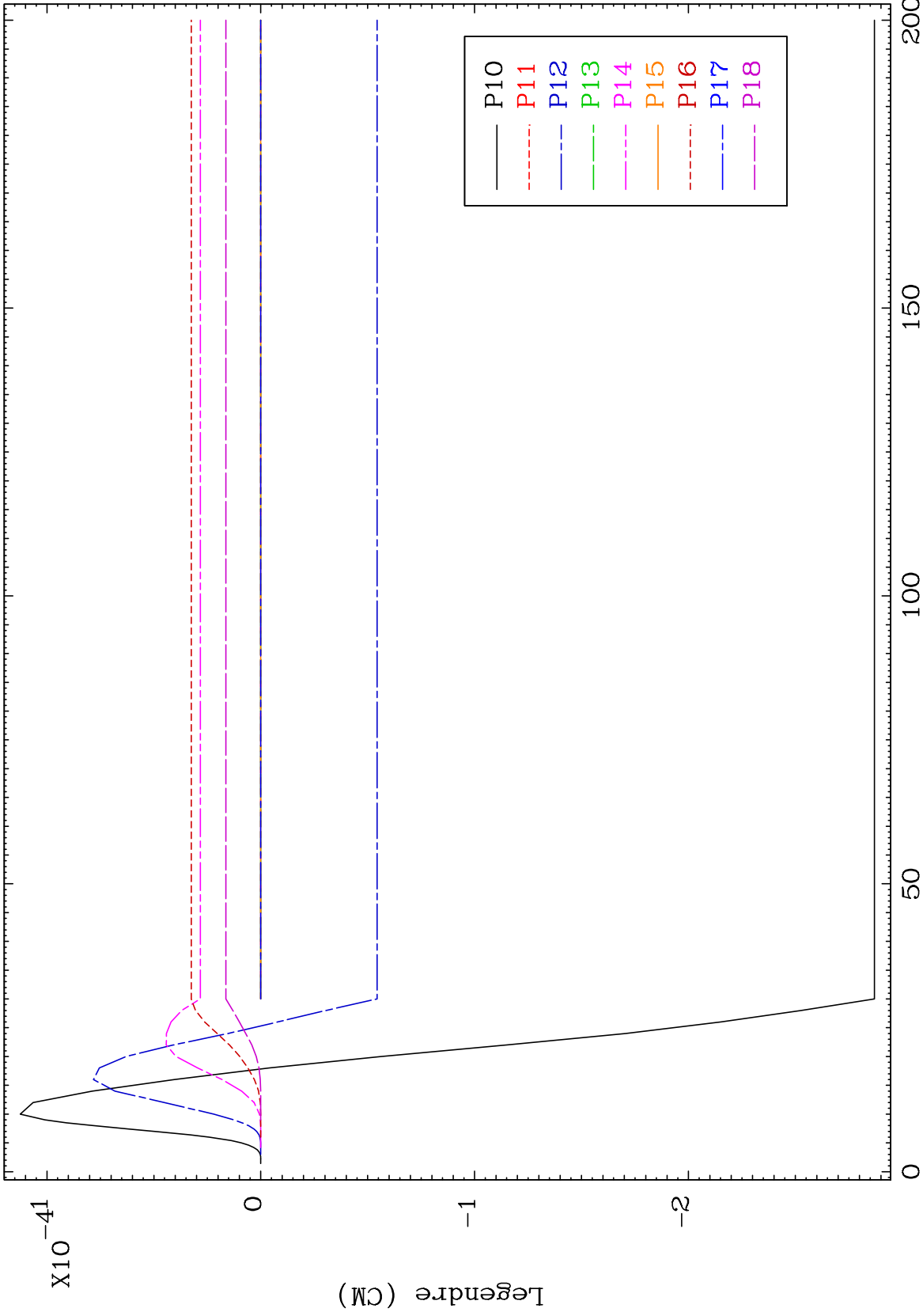
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MAT 8713

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

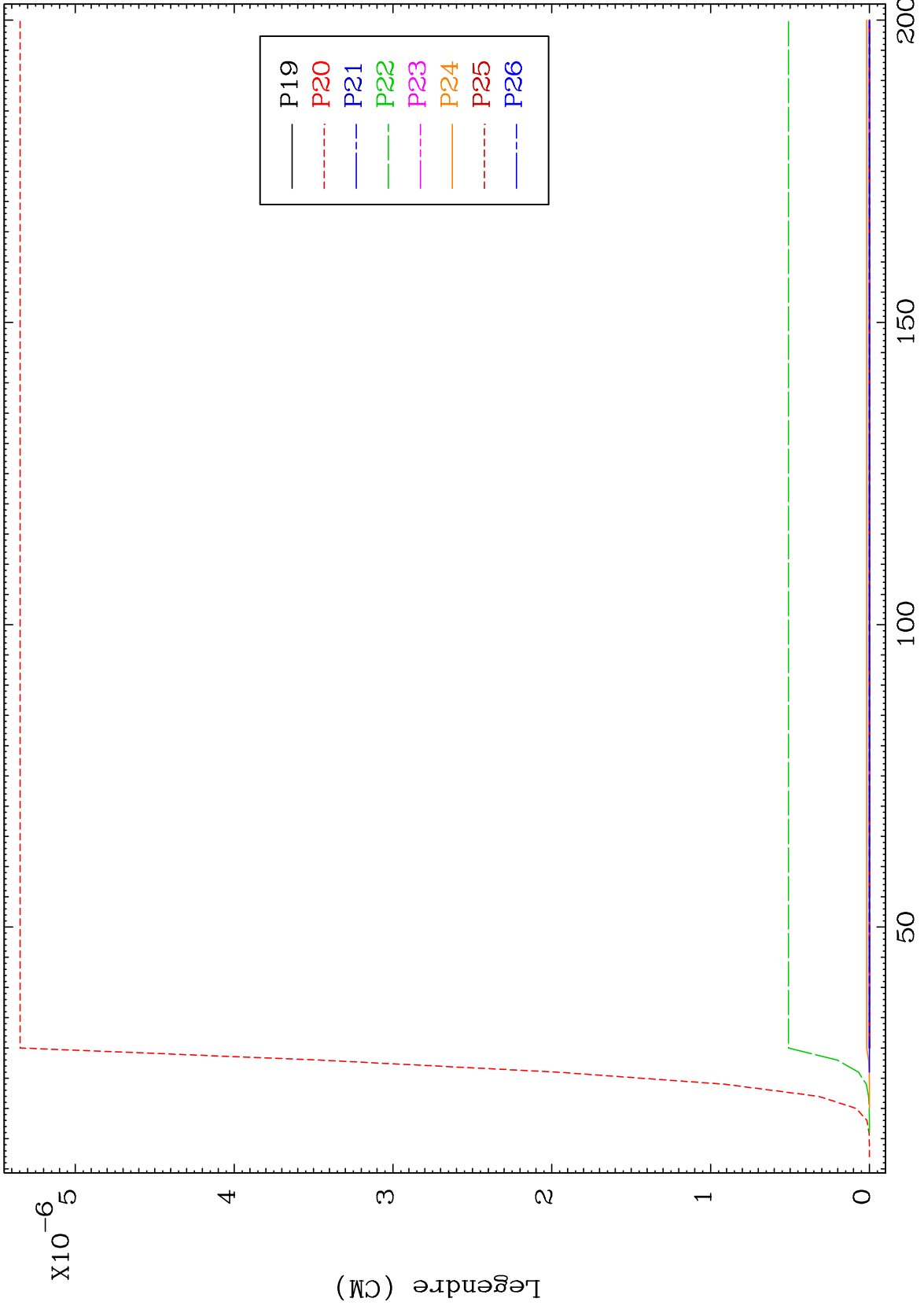
87-Fr-208



24

87-Fr-208

MAT 8713 MT= 52 (n,n') Level Legendre Coefficients 87-Fr-208

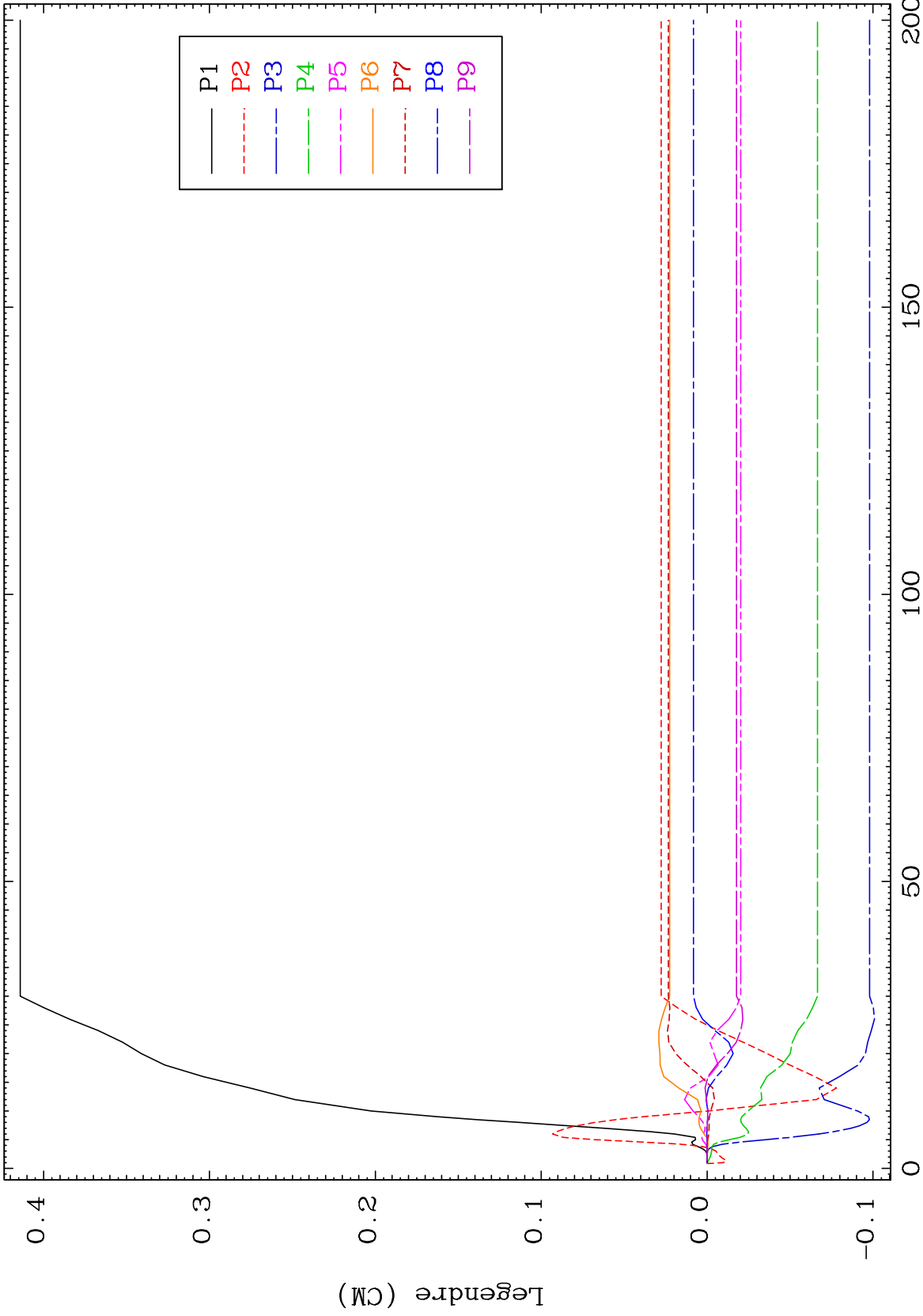


87-Fr-208

MAT 8713

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

87-Fr-208



26

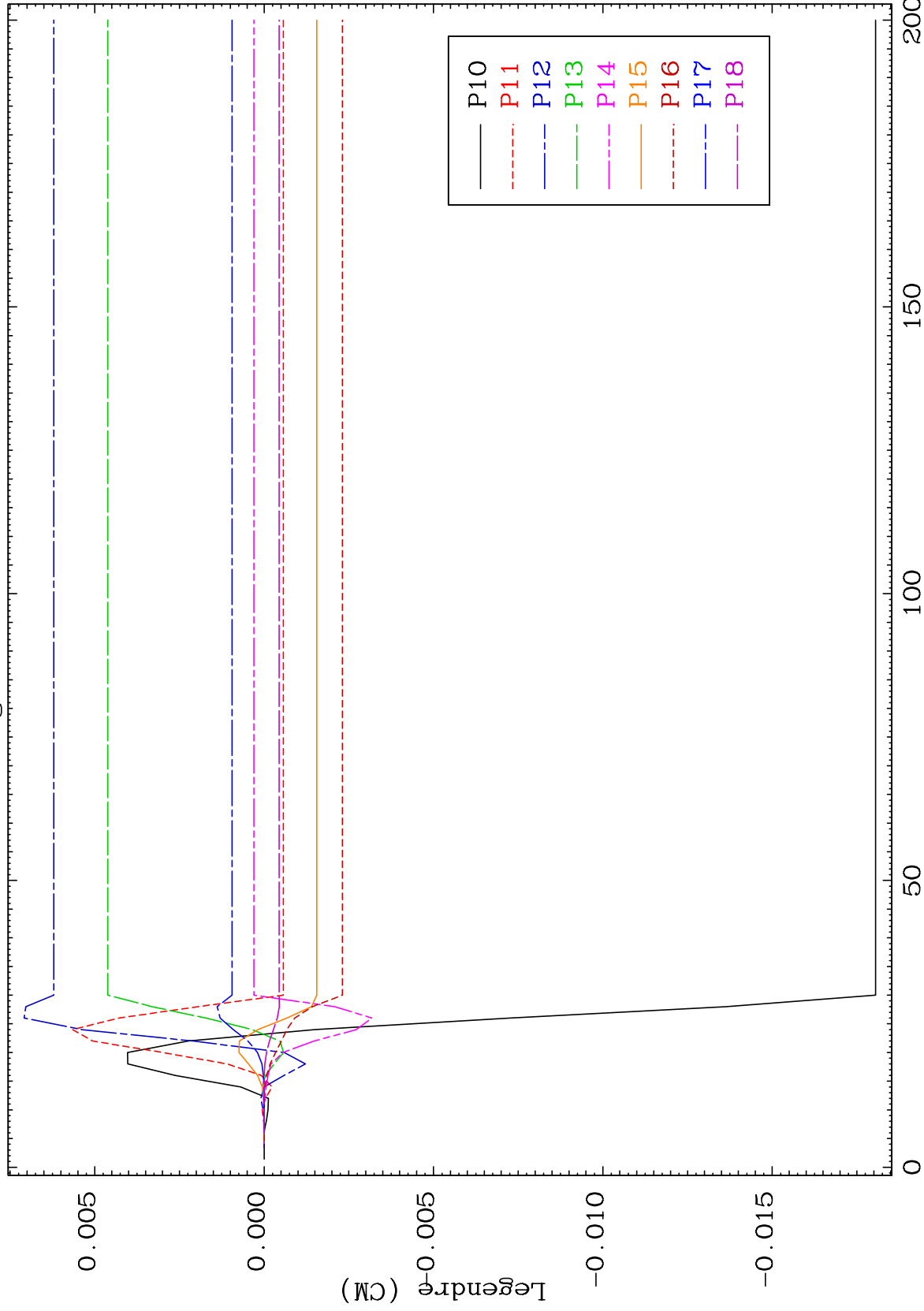
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



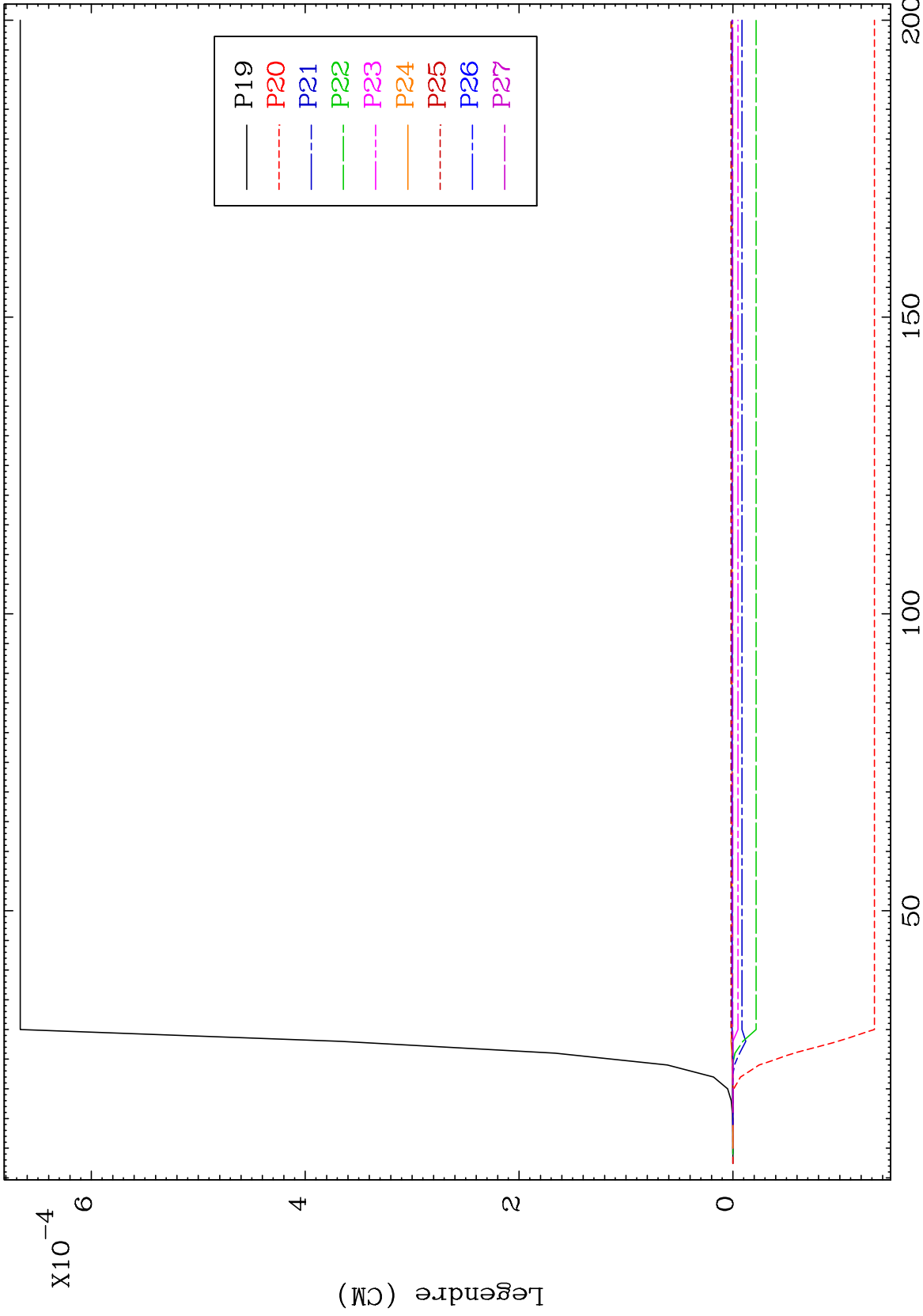
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87-Fr-208

MAT 8713

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

87-Fr-208



28

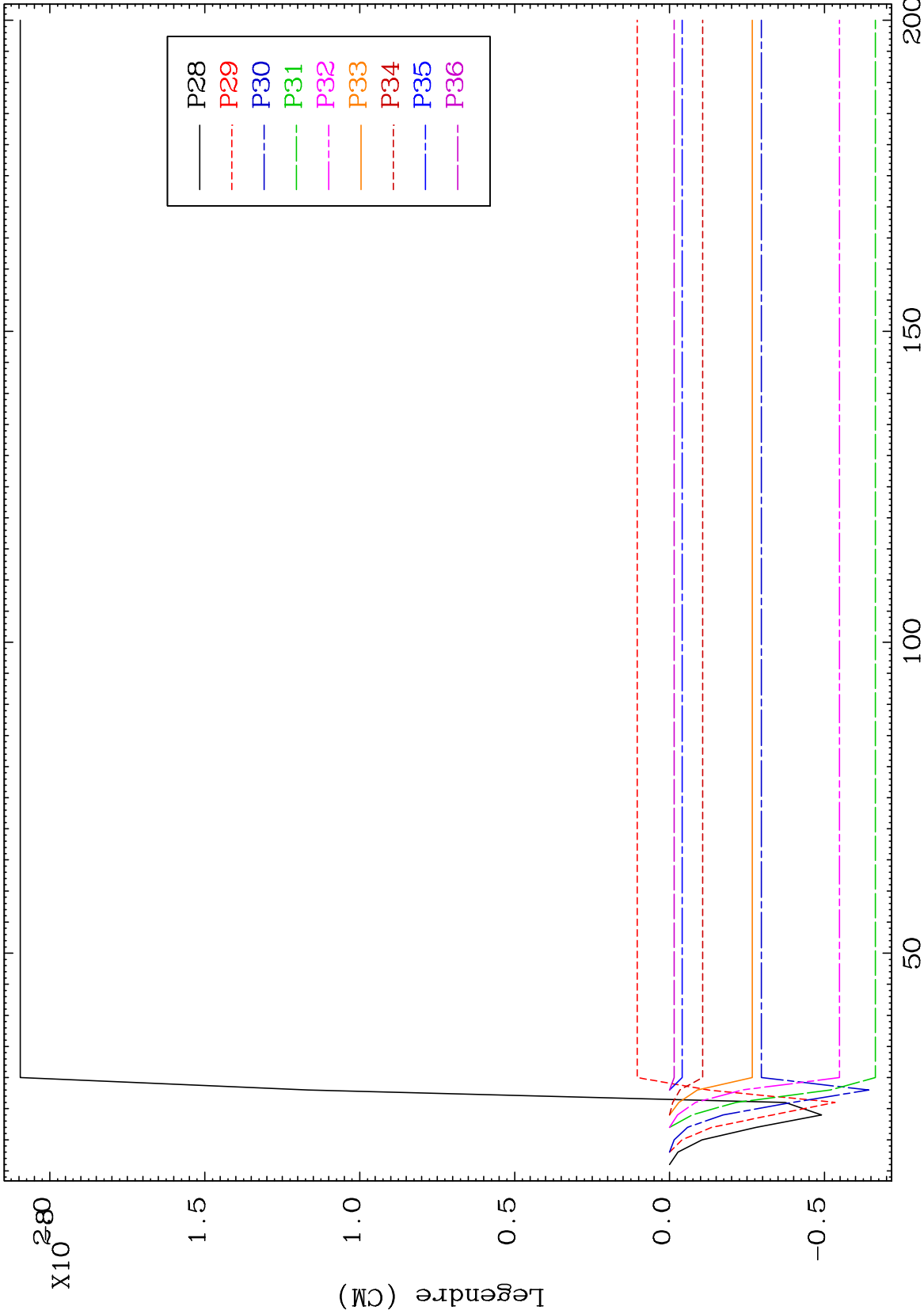
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



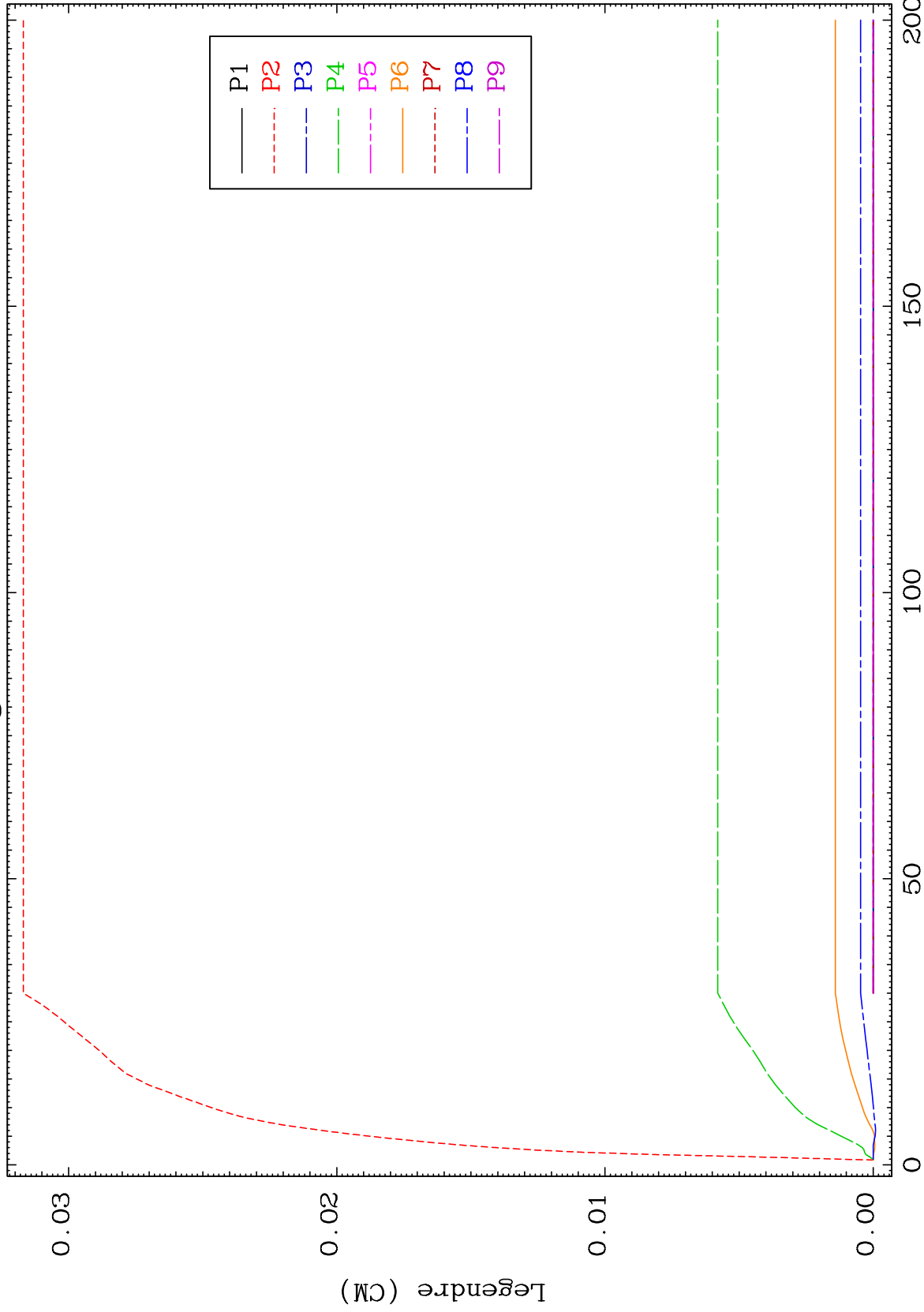
29

87-Fr-208

MAT 8713

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

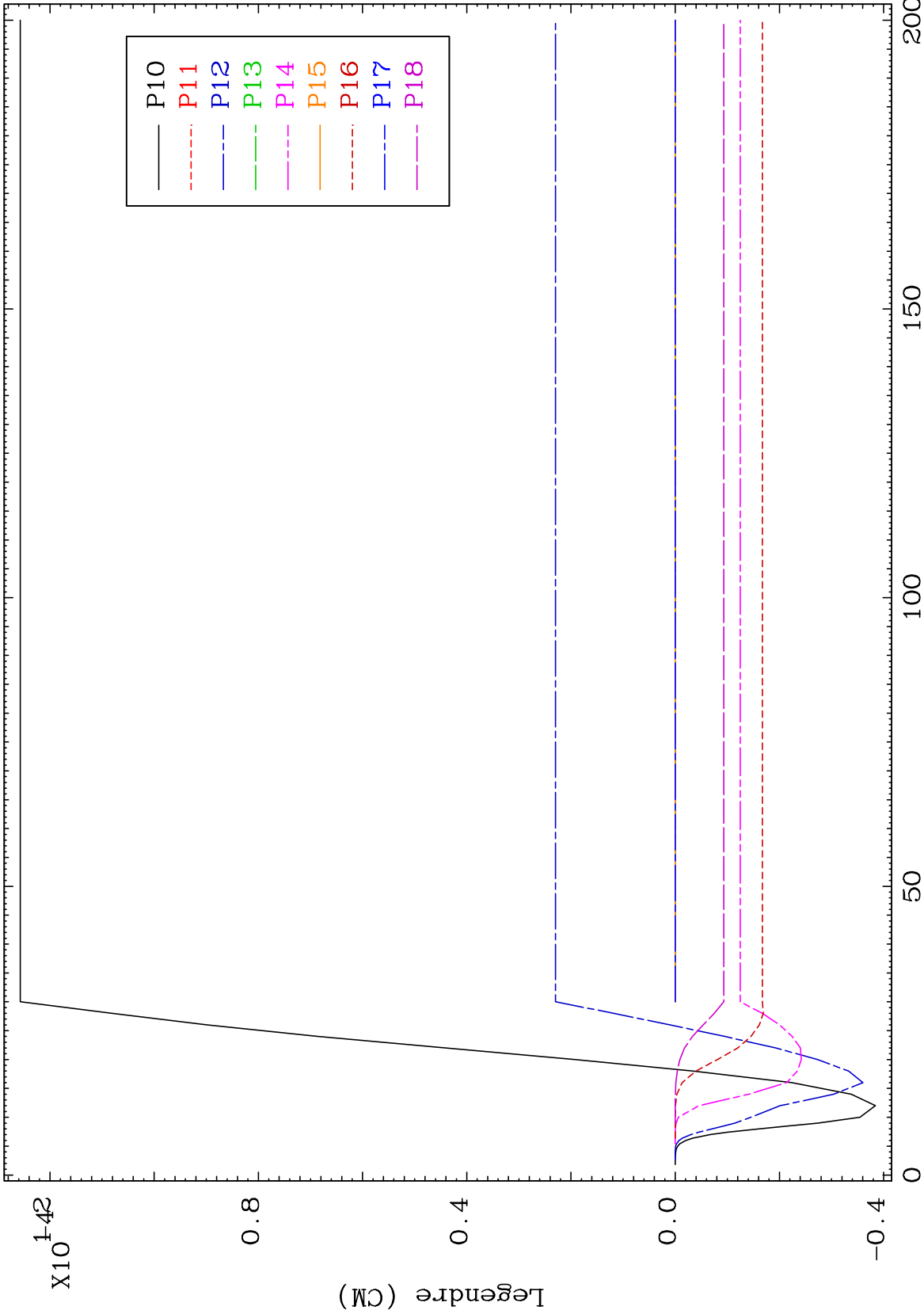
87-Fr-208



87-Fr-208

Incident Energy (MeV)

30

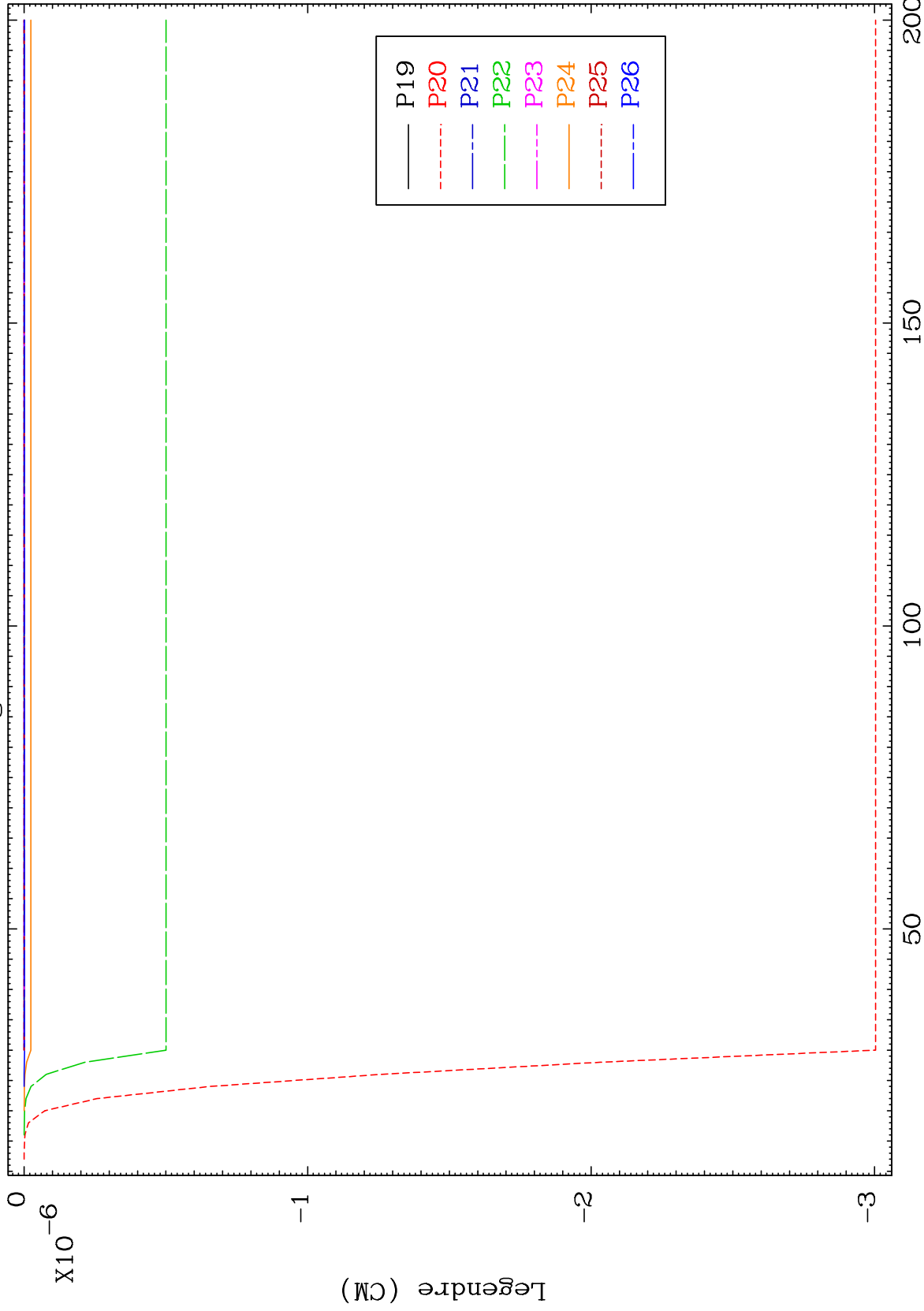




MAT 8713

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

87-Fr-208



32

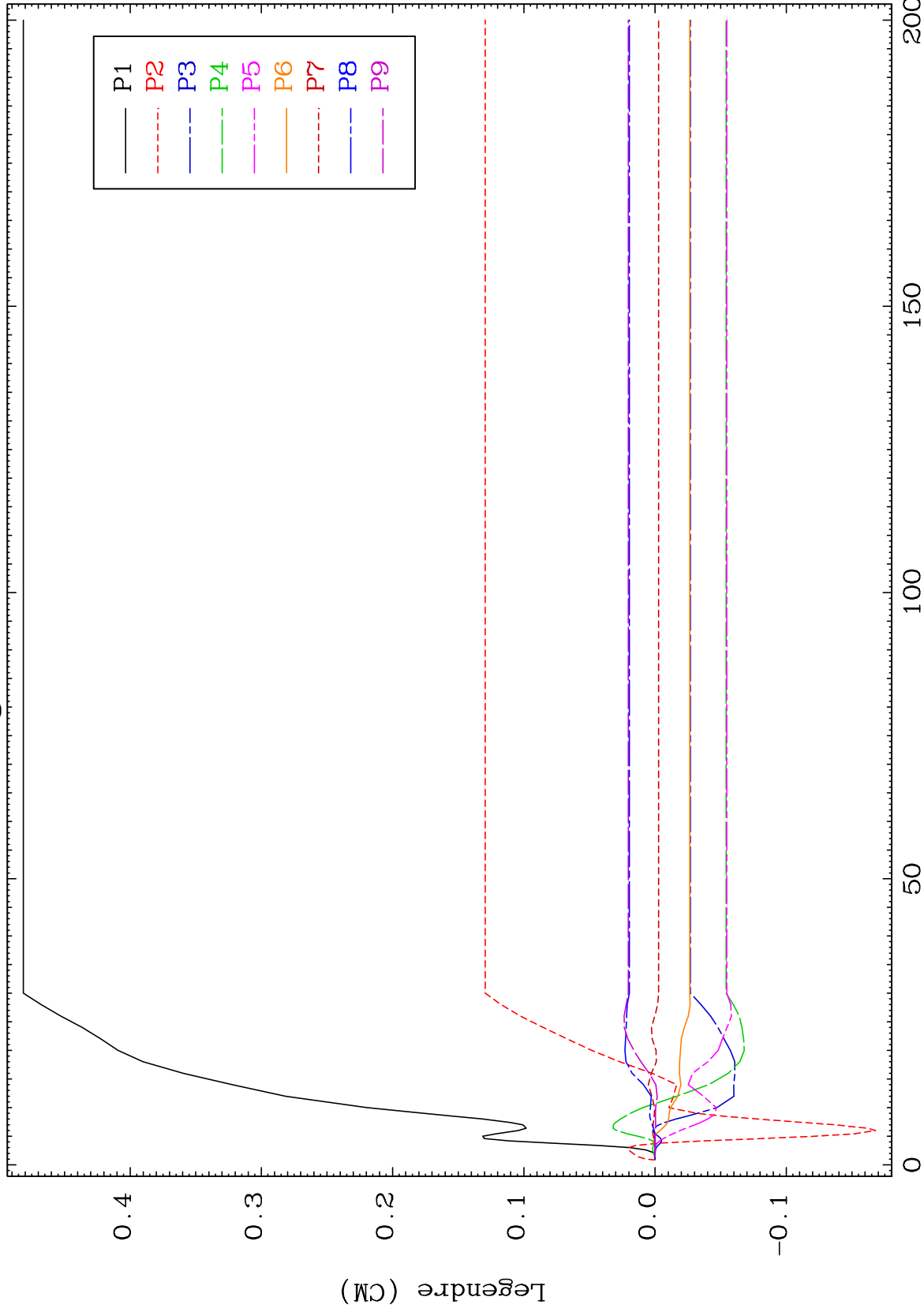
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



33

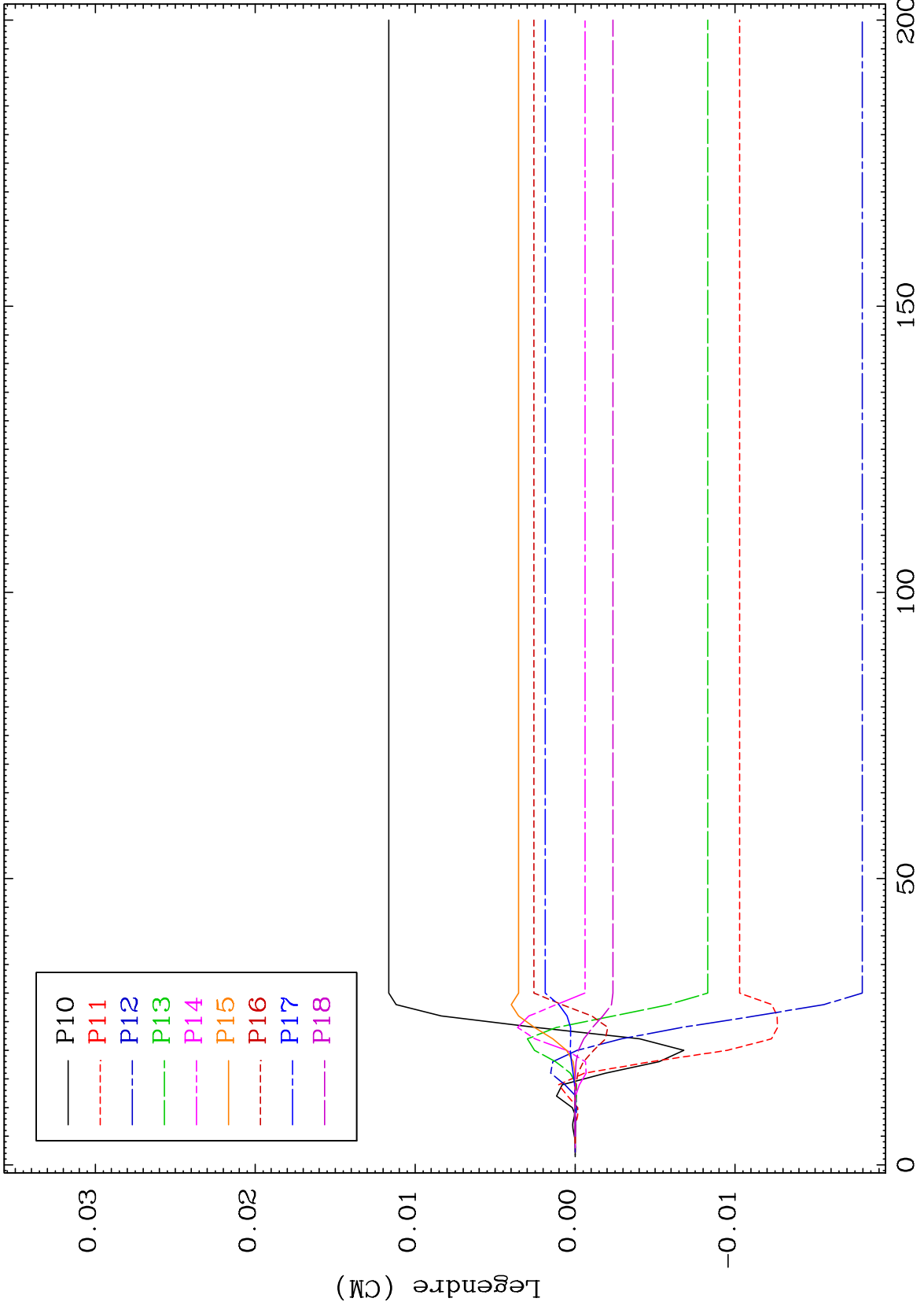
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



34

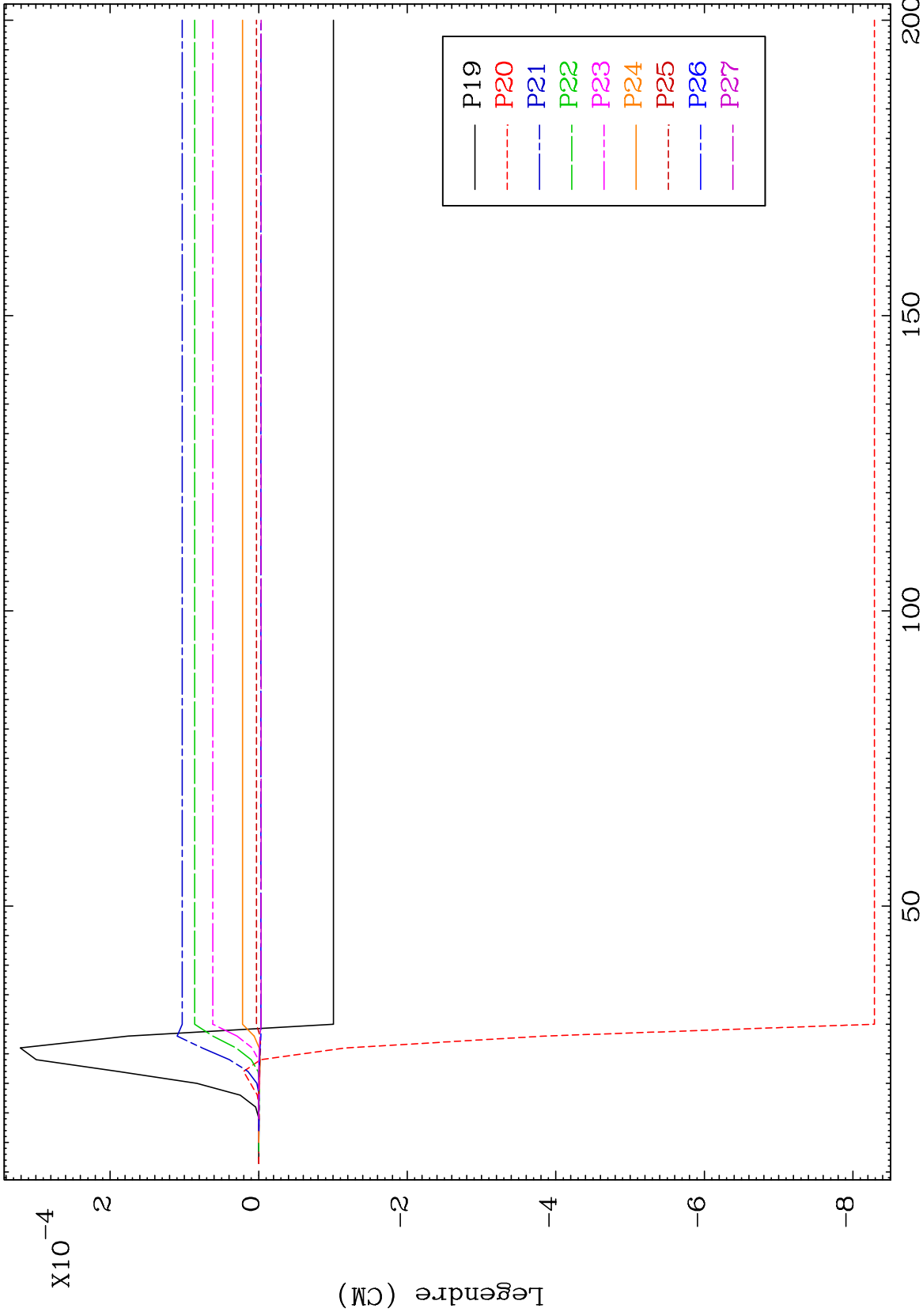
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



35

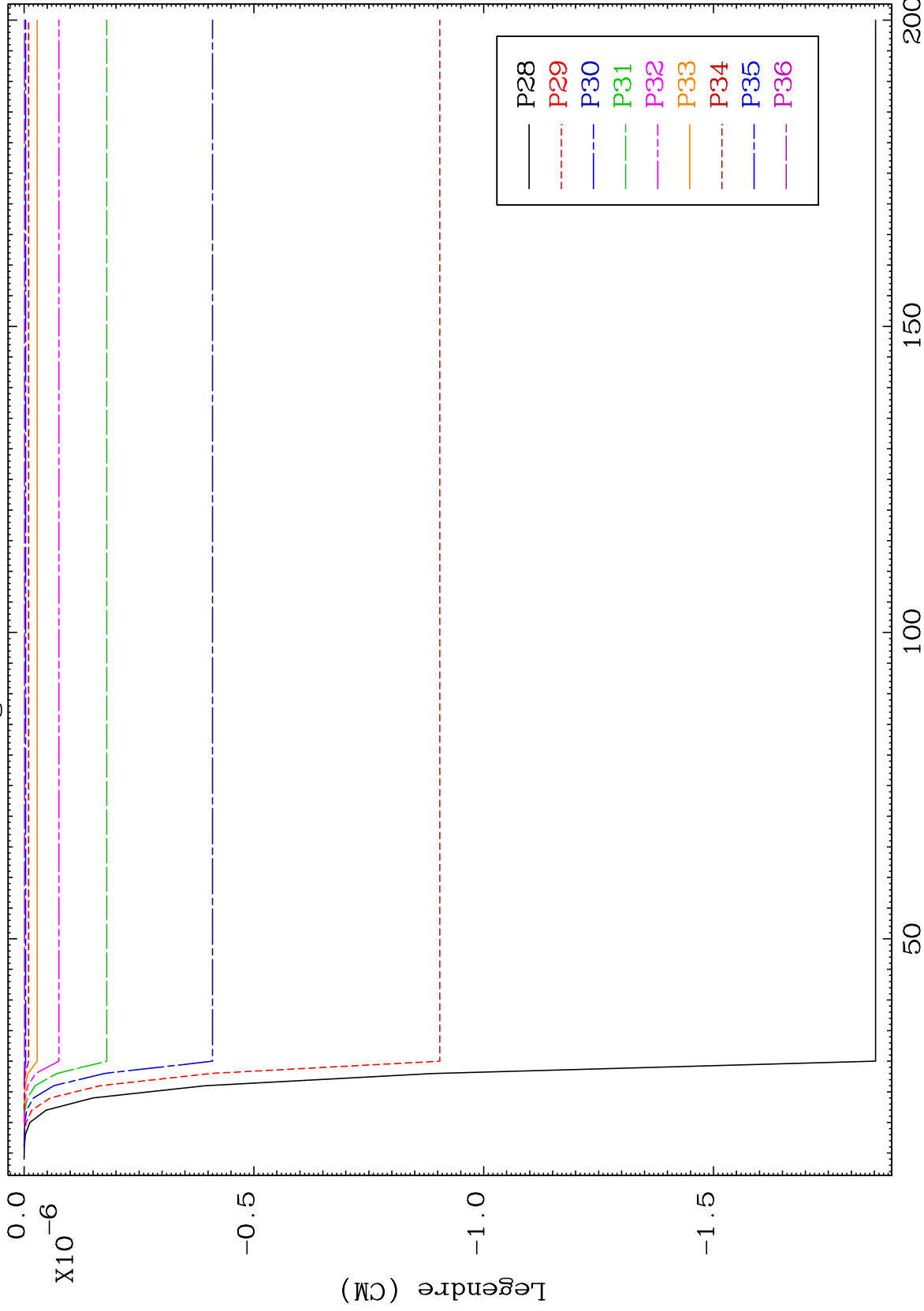
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



36

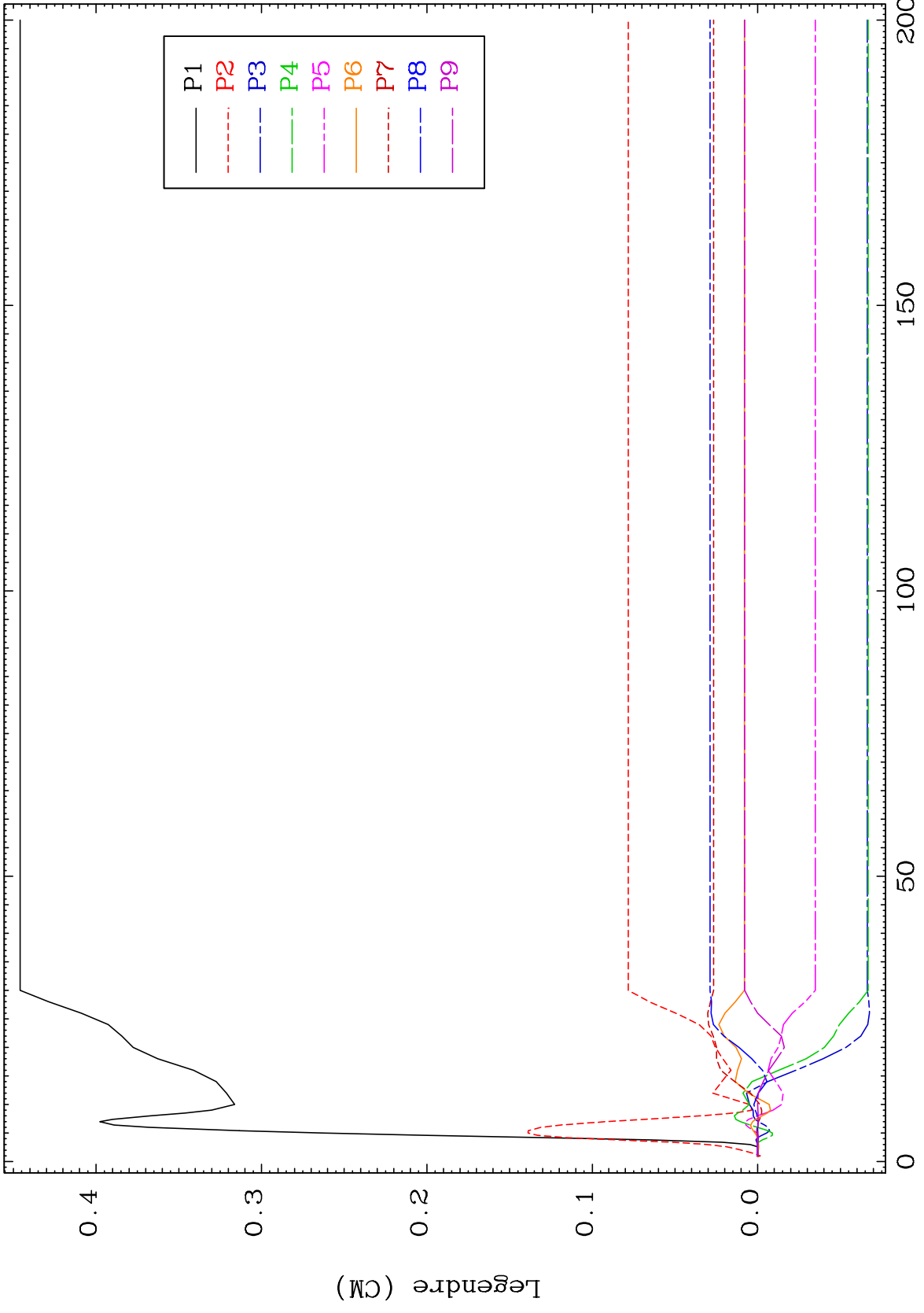
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



37

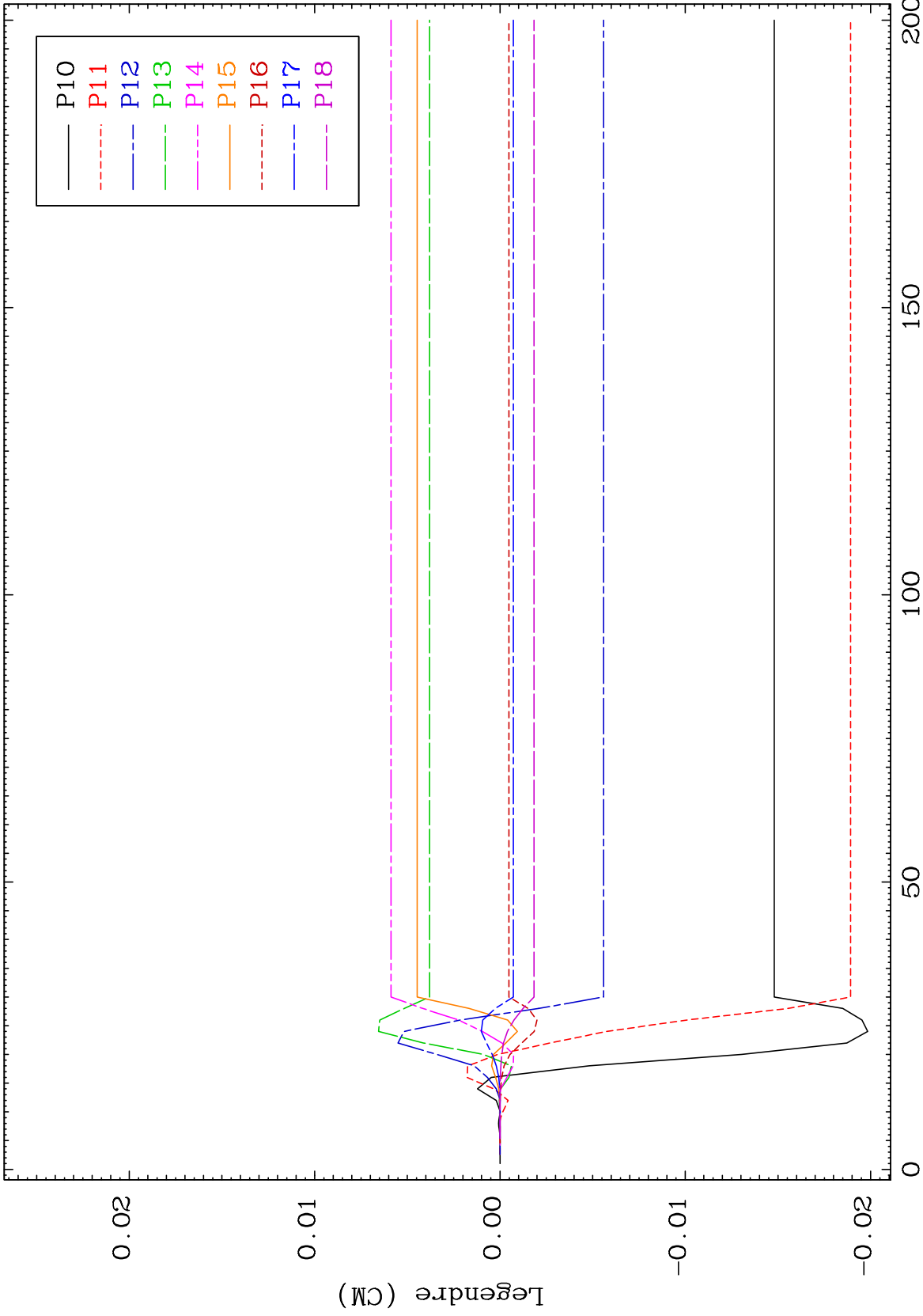
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



38

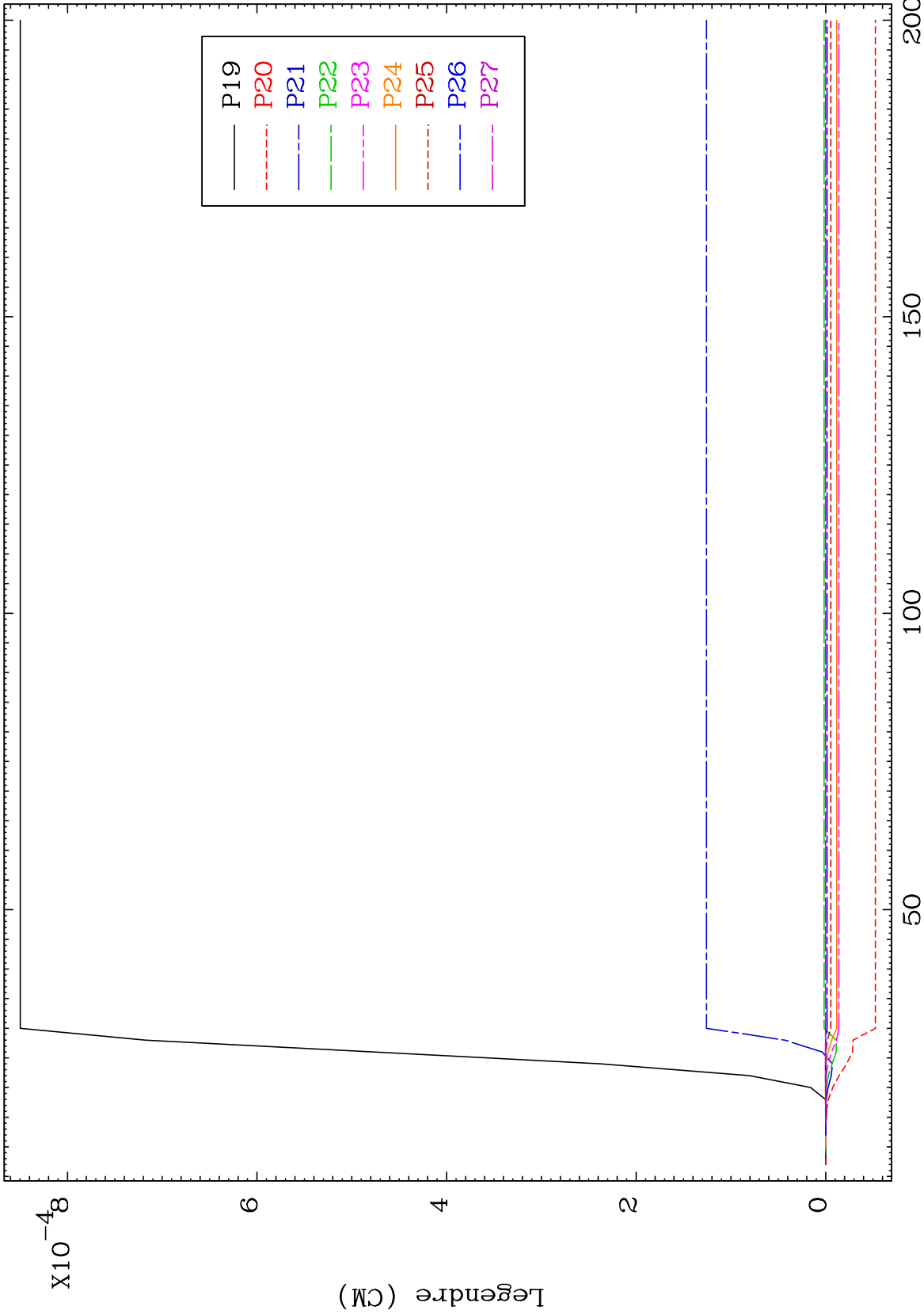
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



39

Incident Energy (MeV)

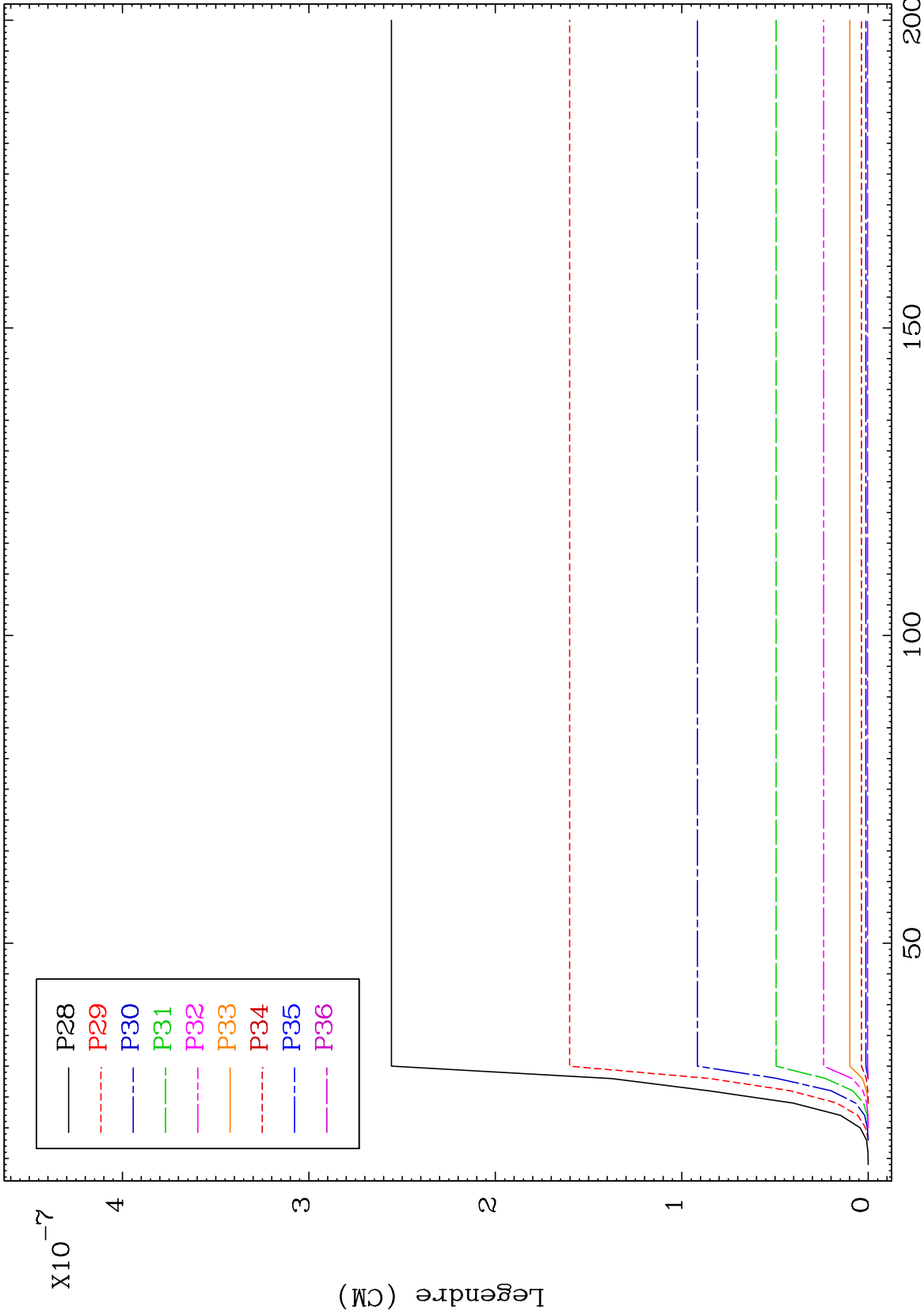
87-Fr-208



MAT 8713

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

87-Fr-208



40

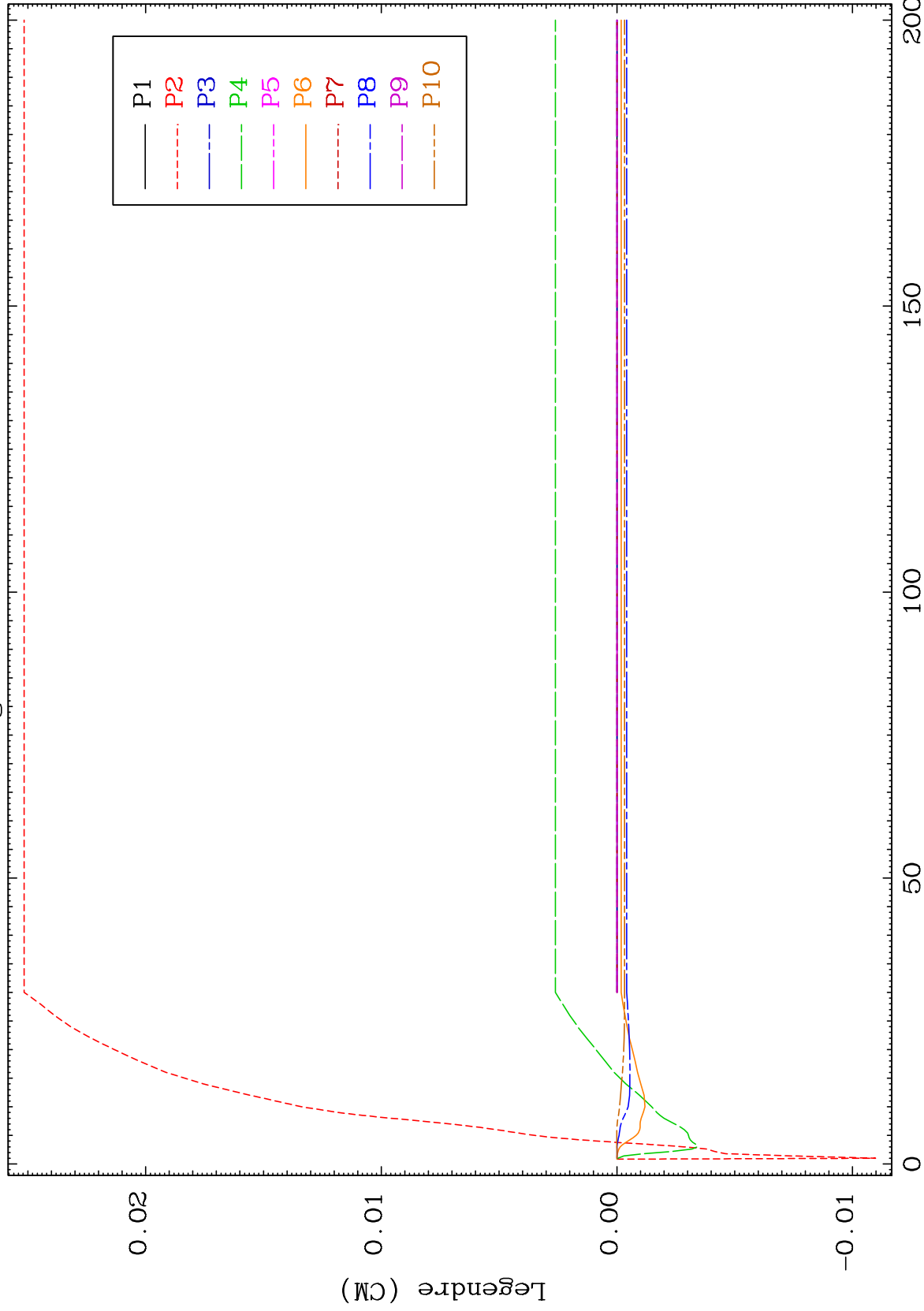
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



41

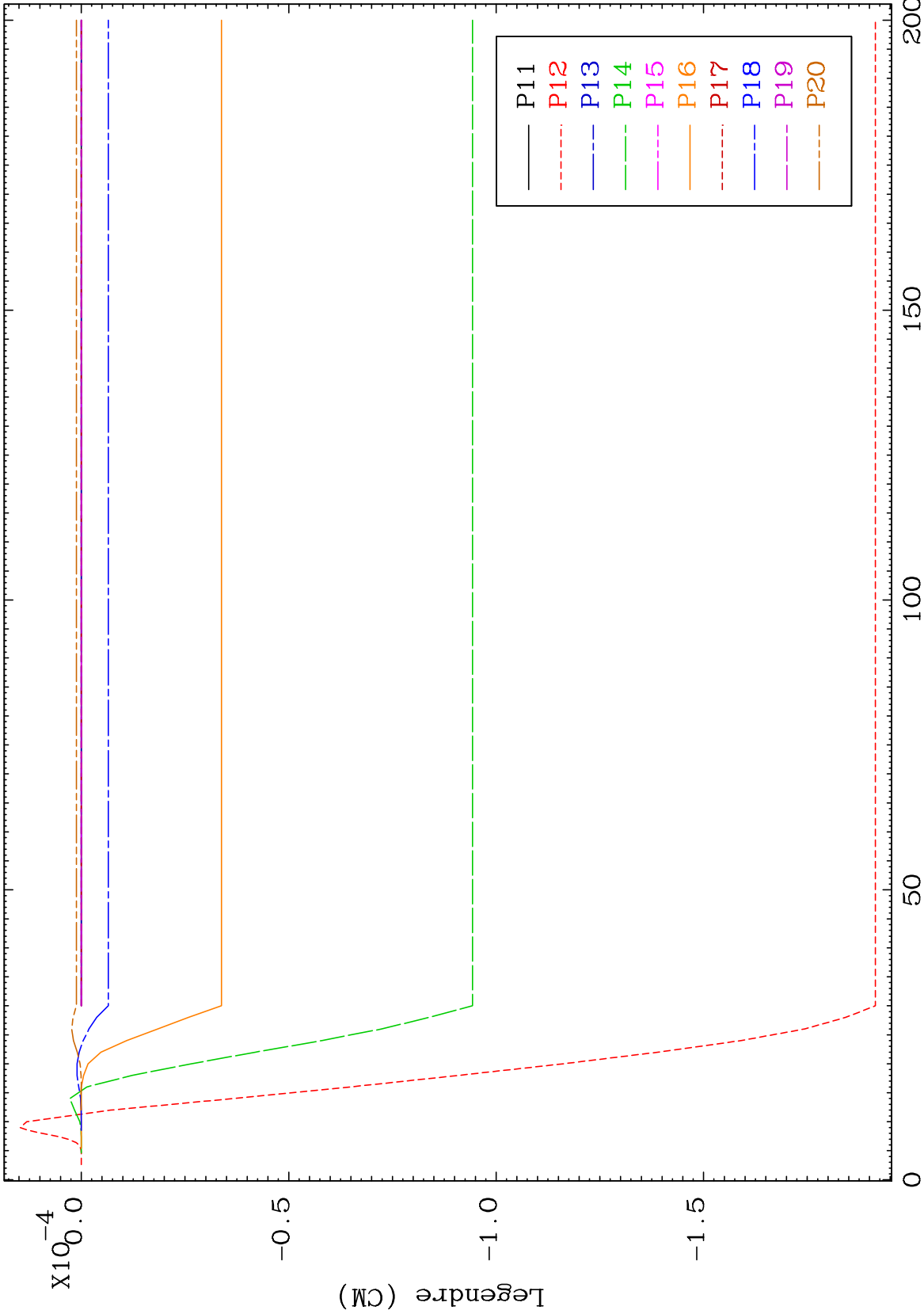
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



42

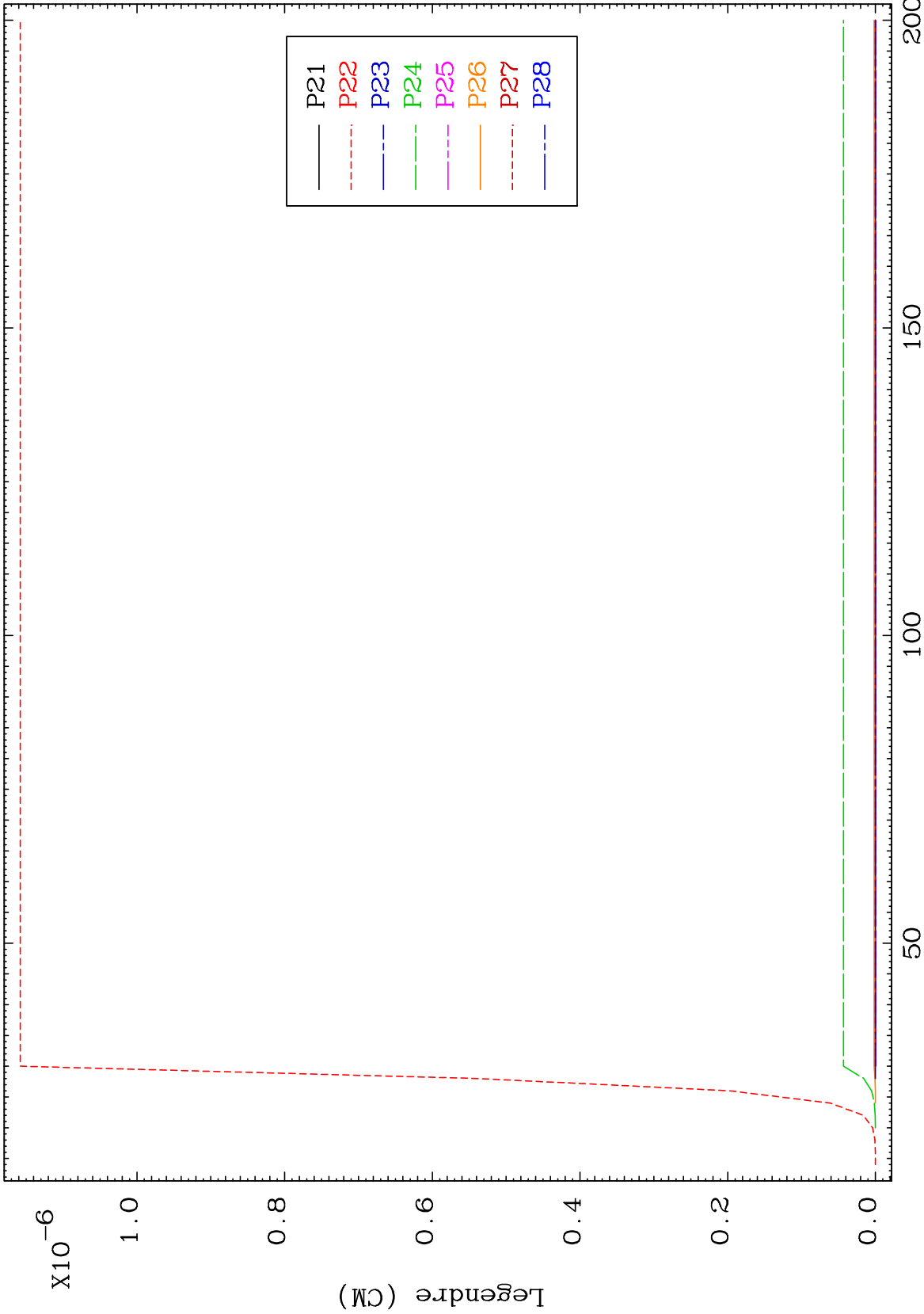
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



43

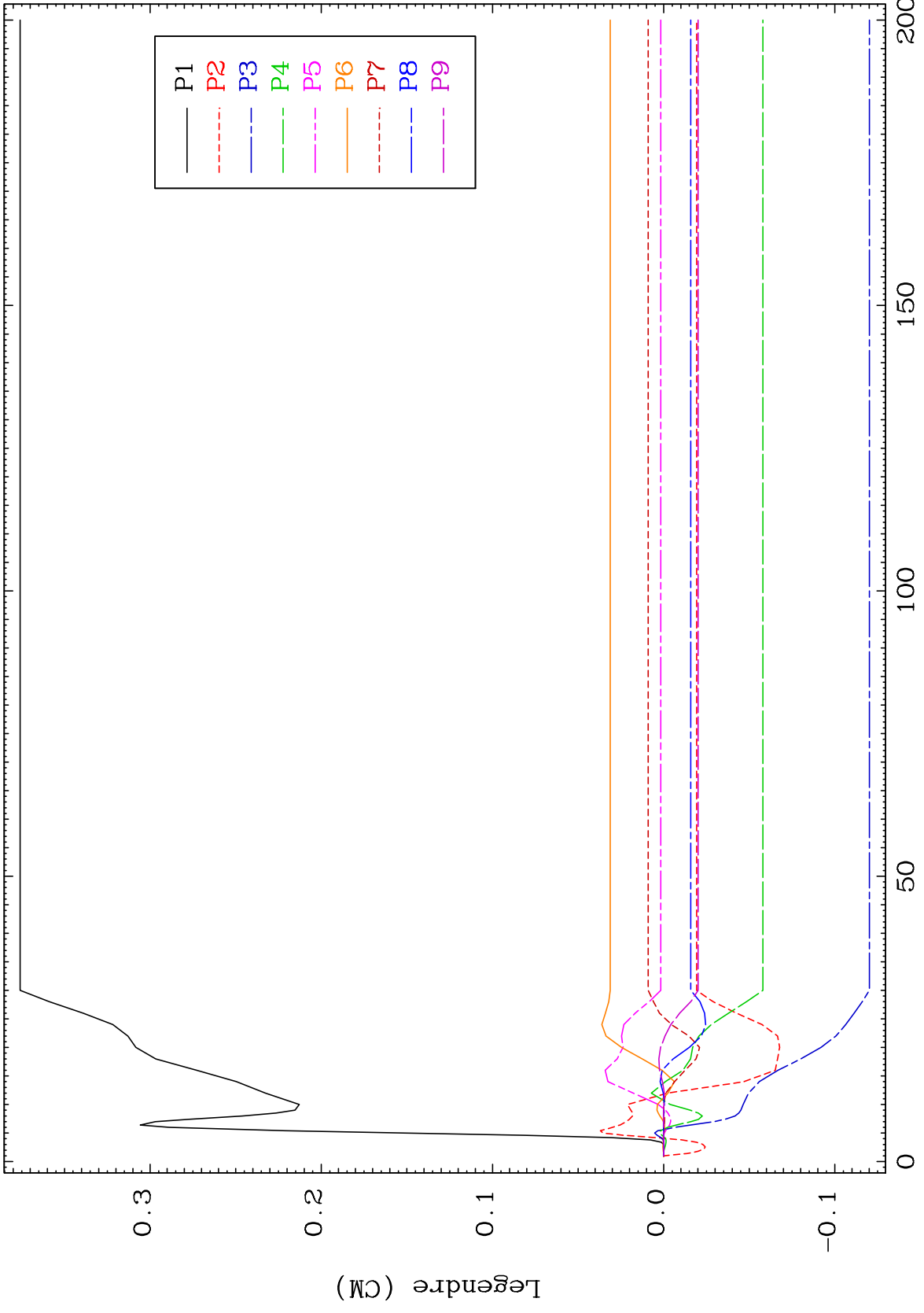
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



44

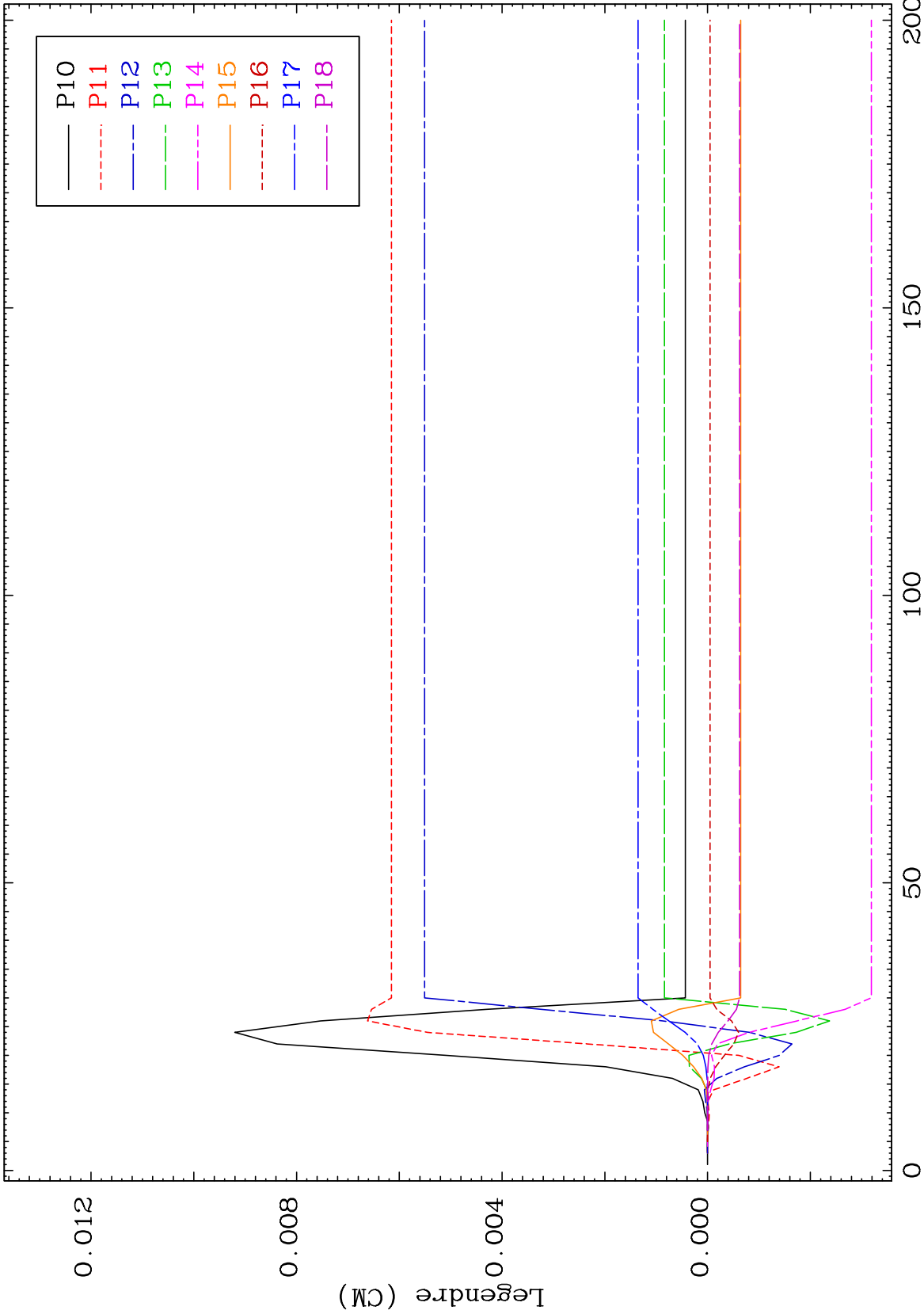
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



45

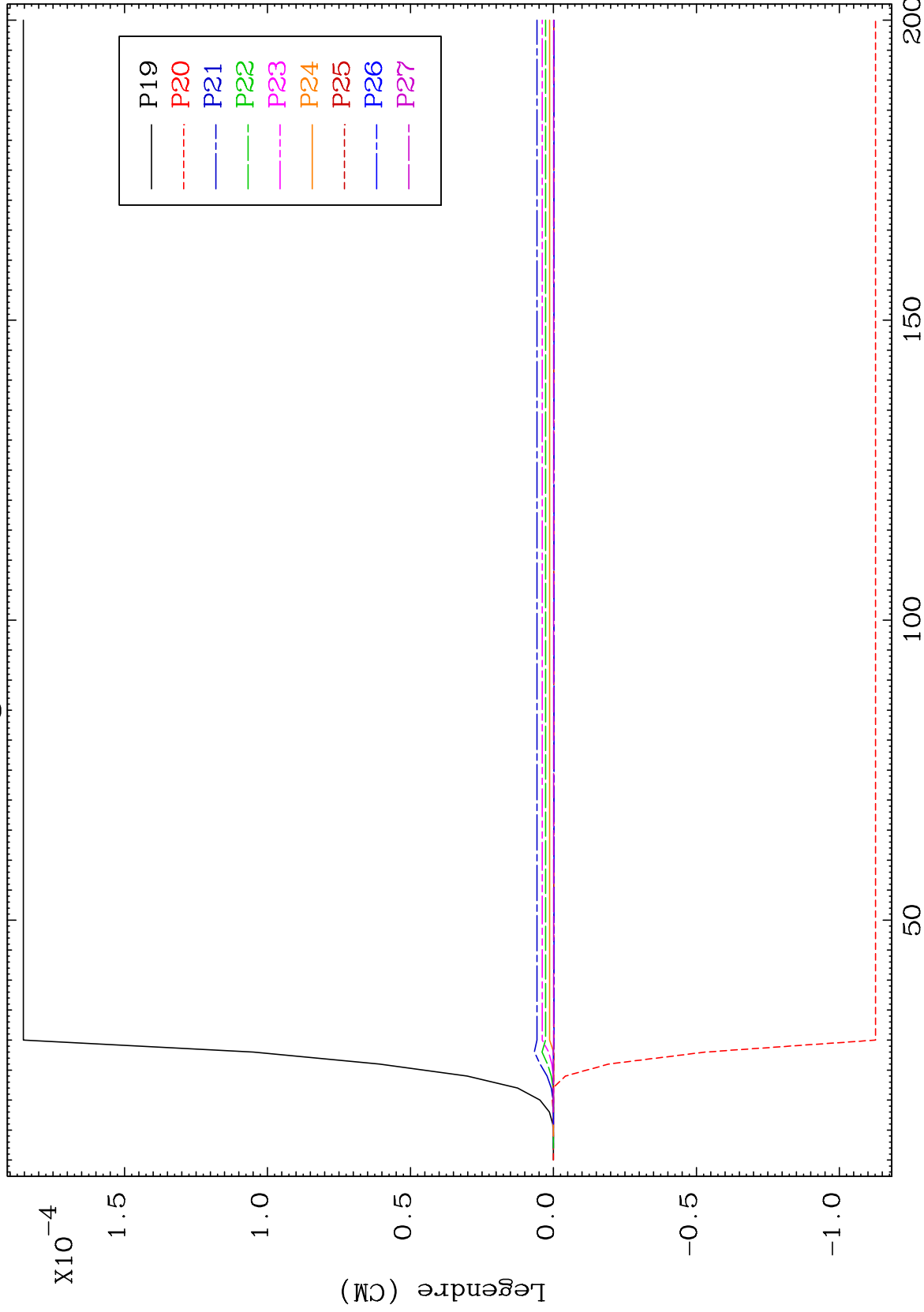
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



46

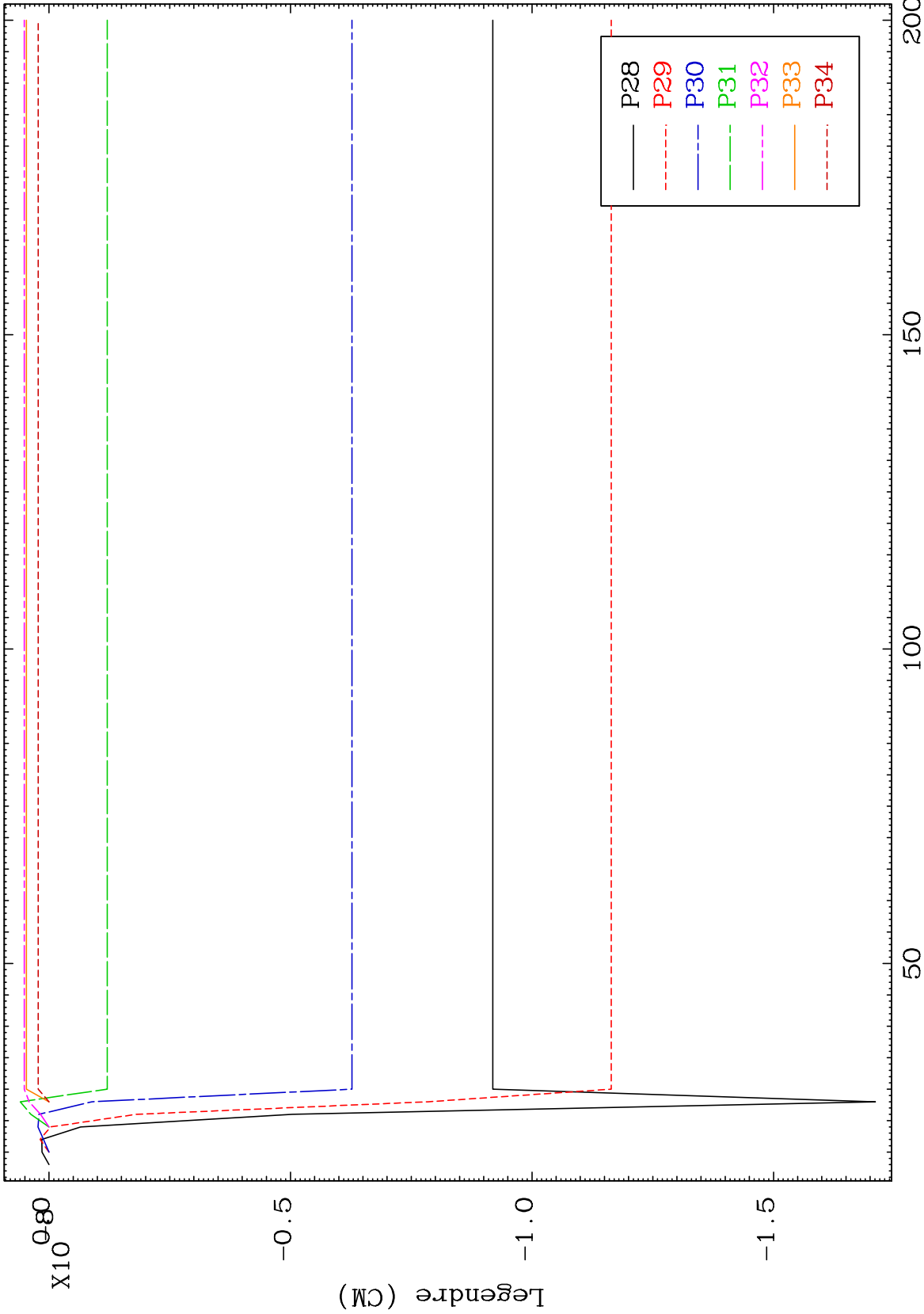
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



47

Incident Energy (MeV)

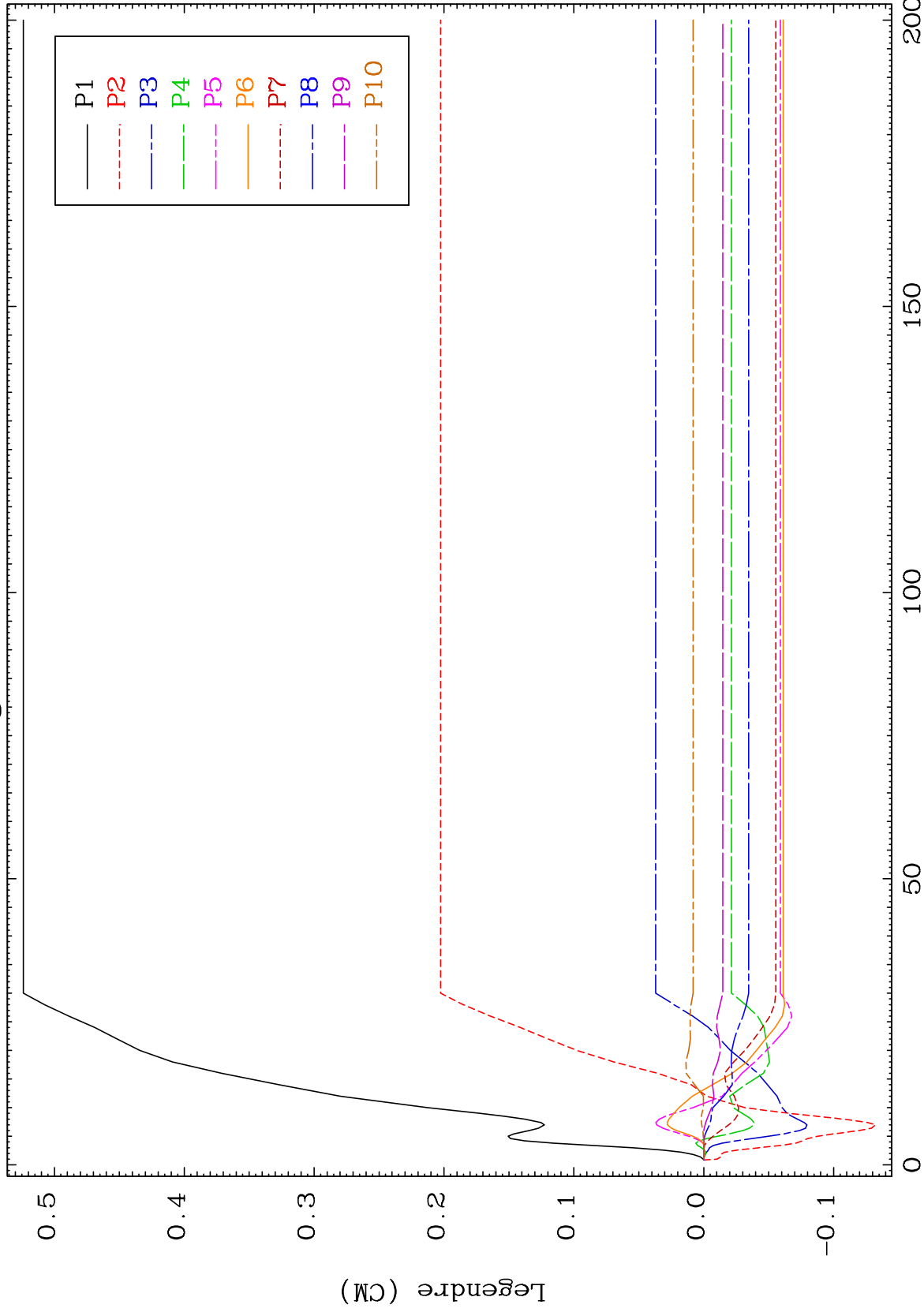
87-Fr-208



MAT 8713

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

87-Fr-208



48

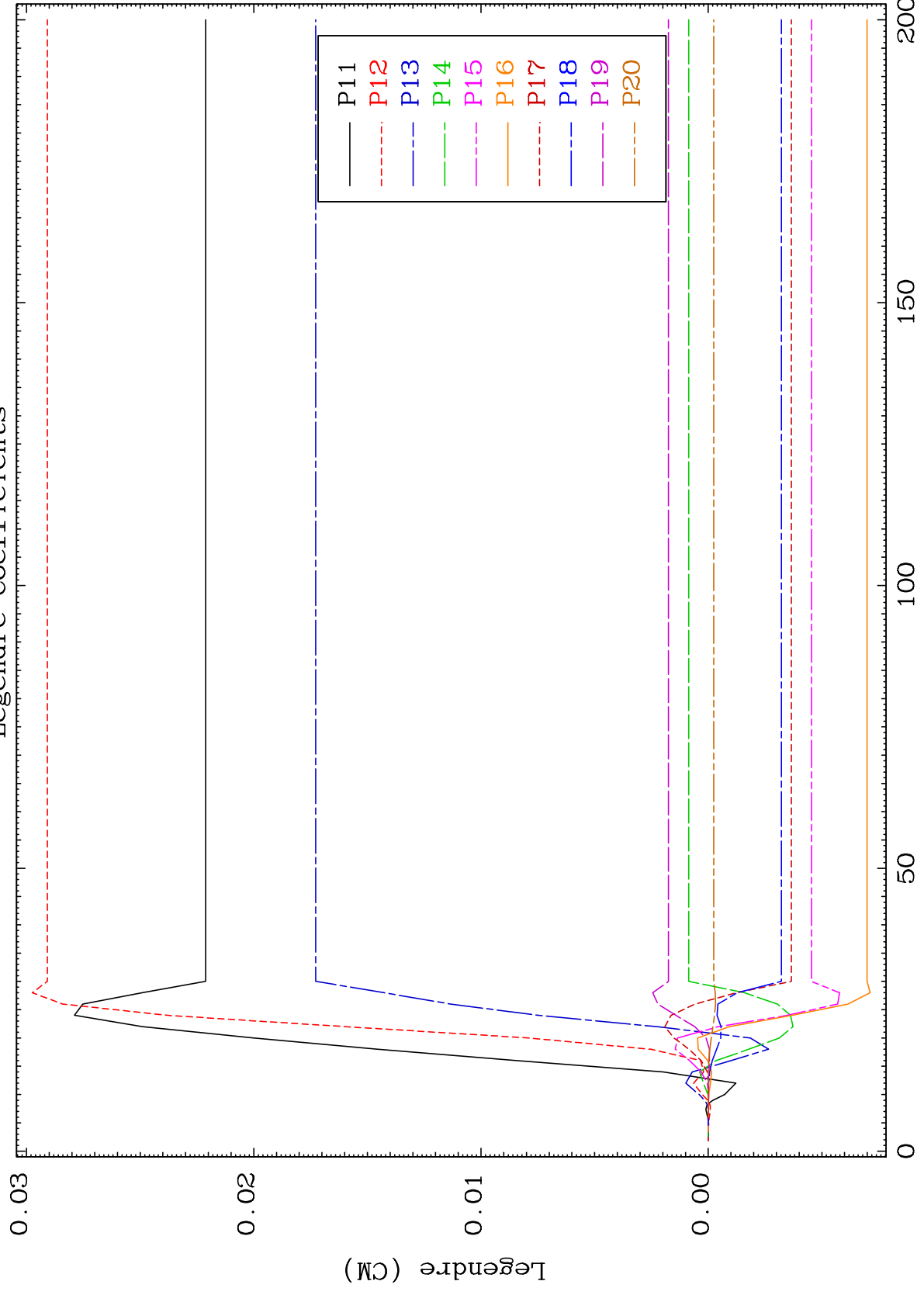
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



49

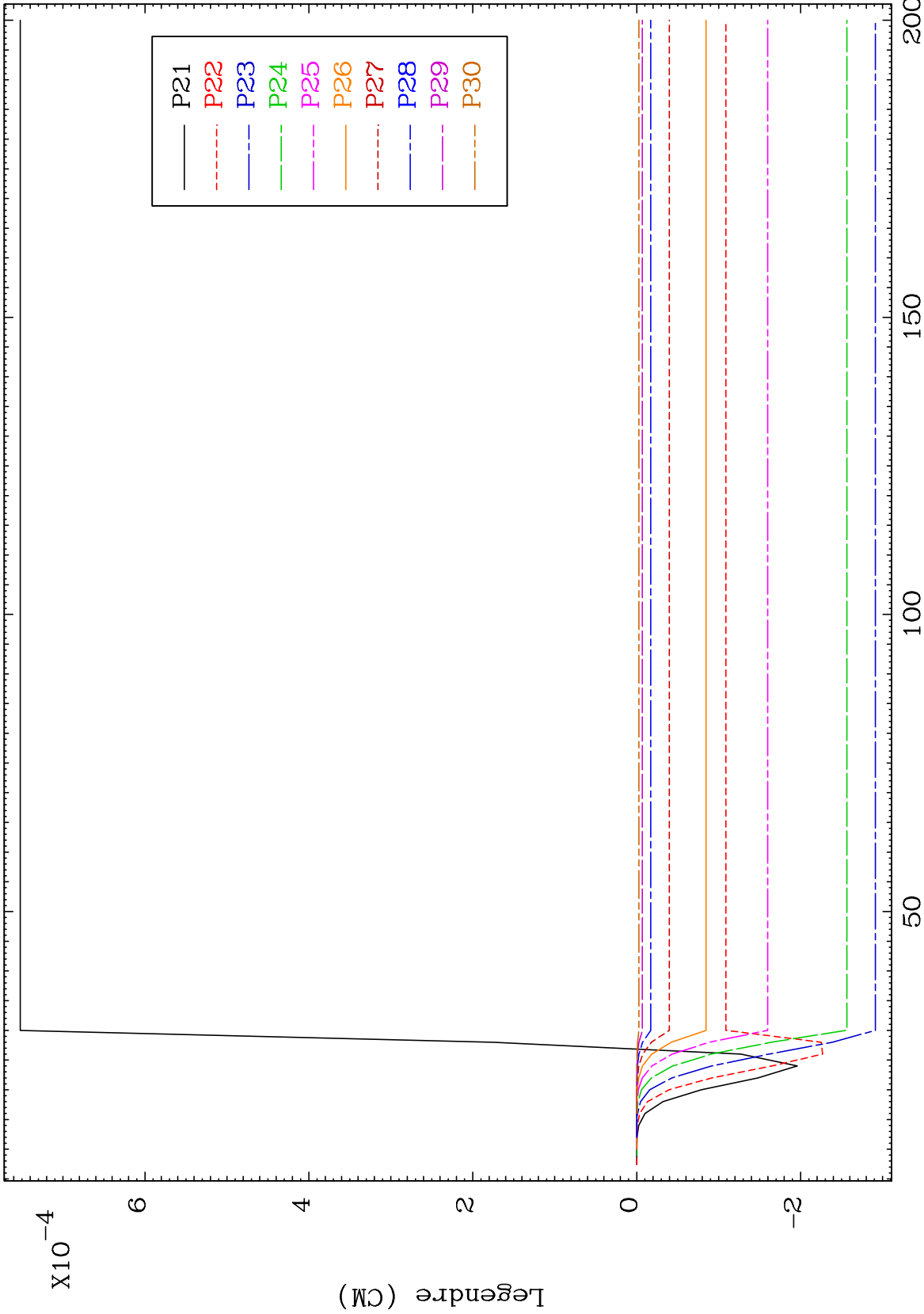
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



50

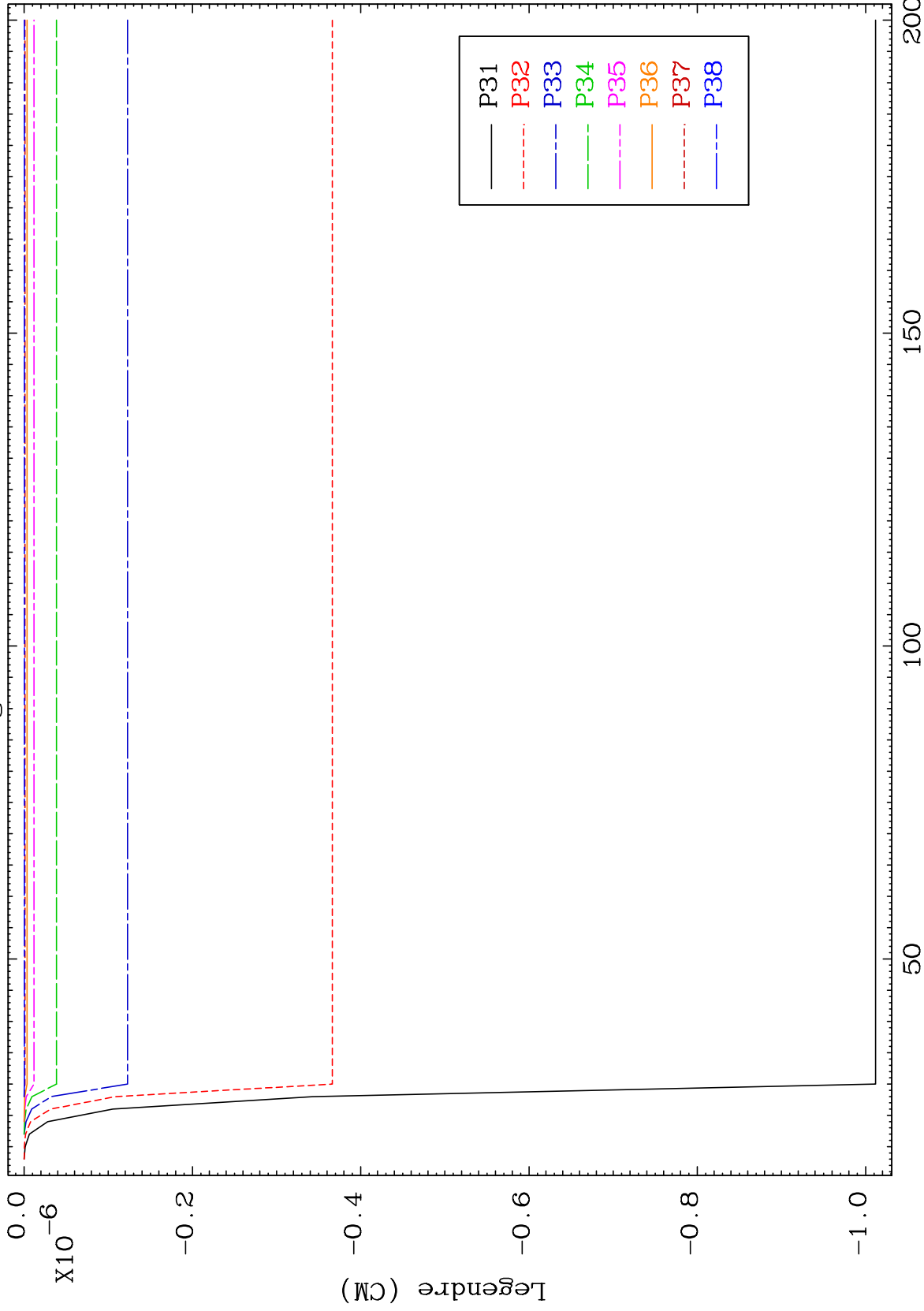
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



51

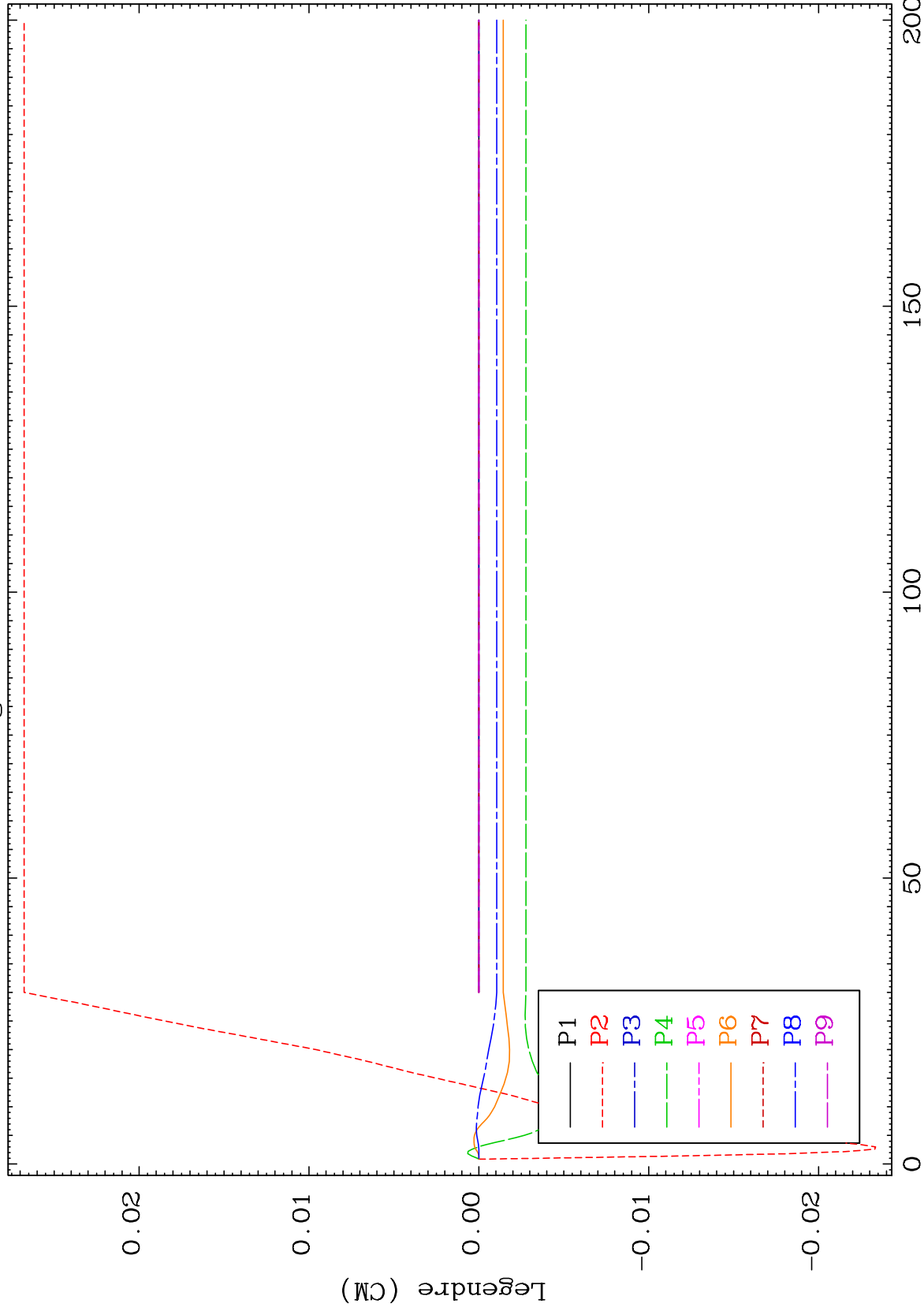
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



52

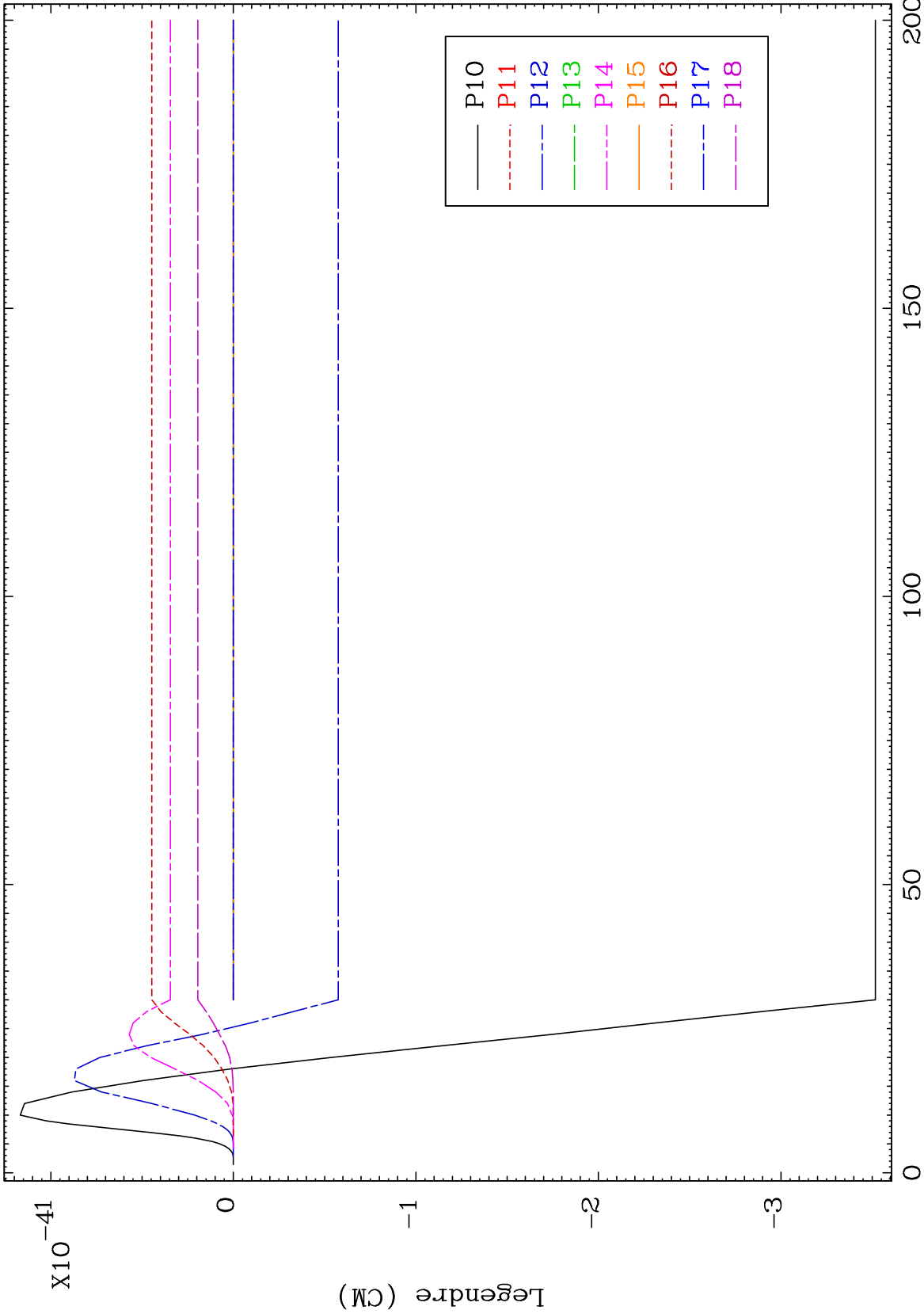
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

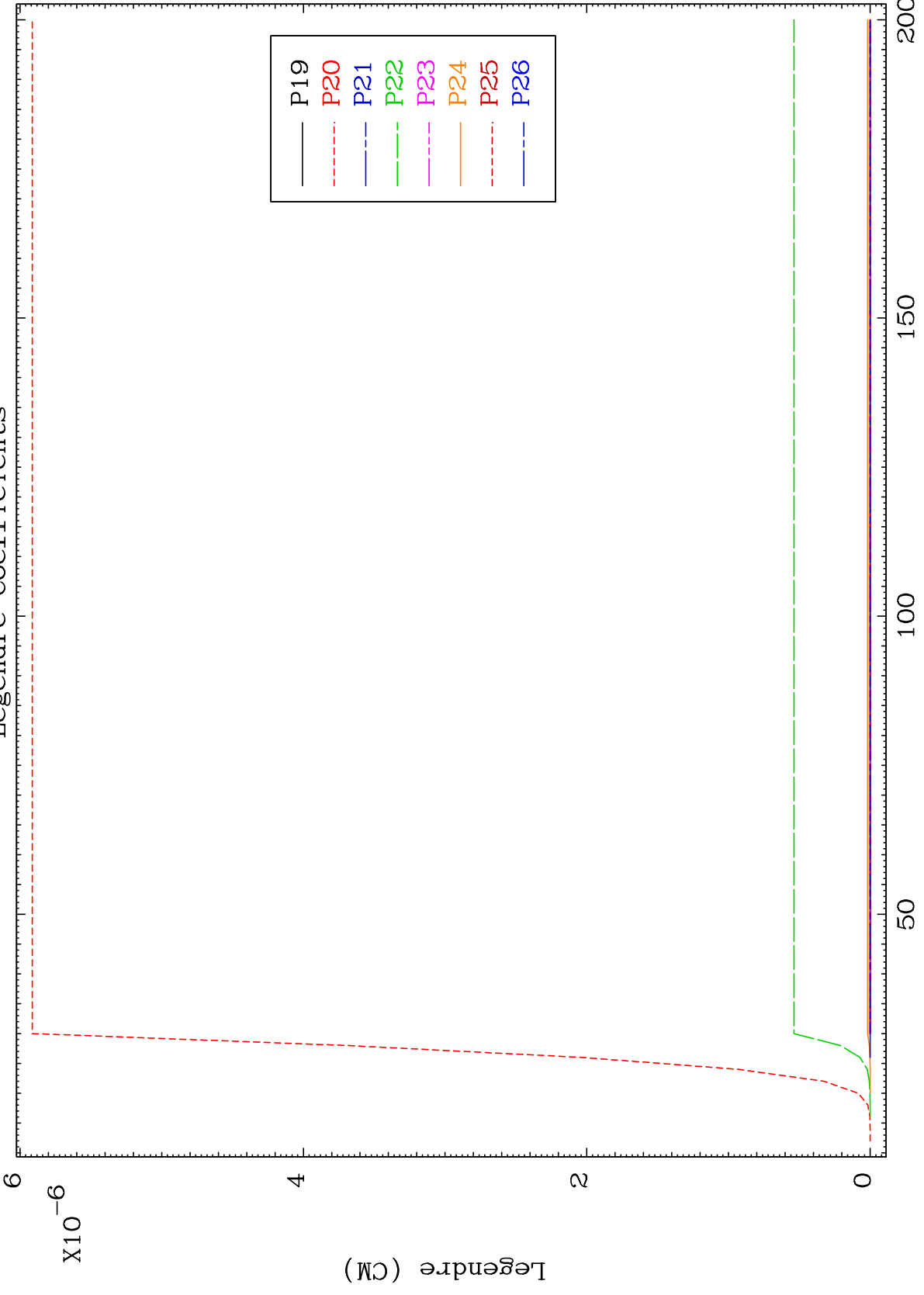
87-Fr-208



53

87-Fr-208

MAT 8713 MT= 60 (n,n') Level Legendre Coefficients 87-Fr-208

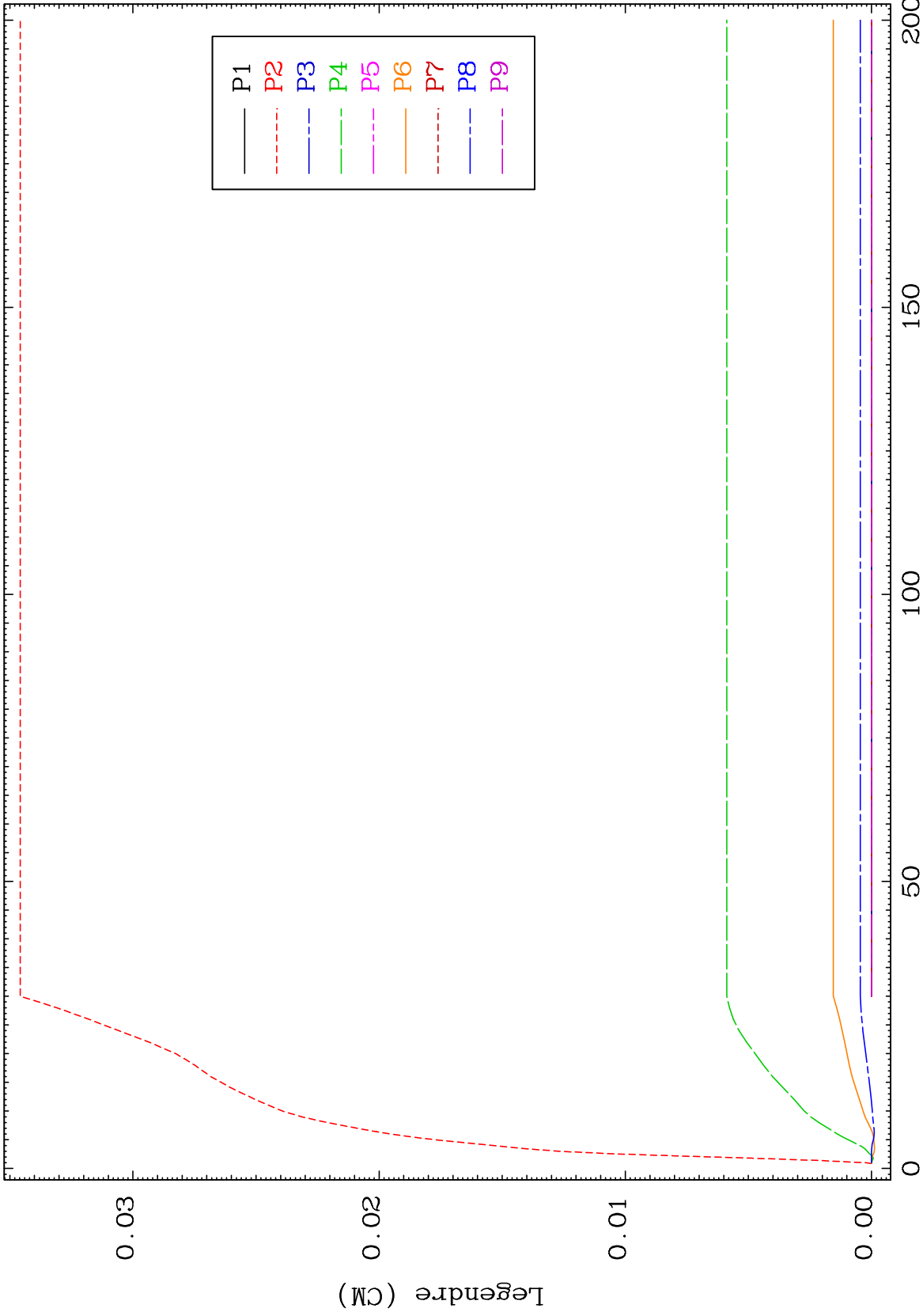


54 100 150 200 Incident Energy (MeV) 87-Fr-208

MAT 8713

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

87-Fr-208



55

Incident Energy (MeV)

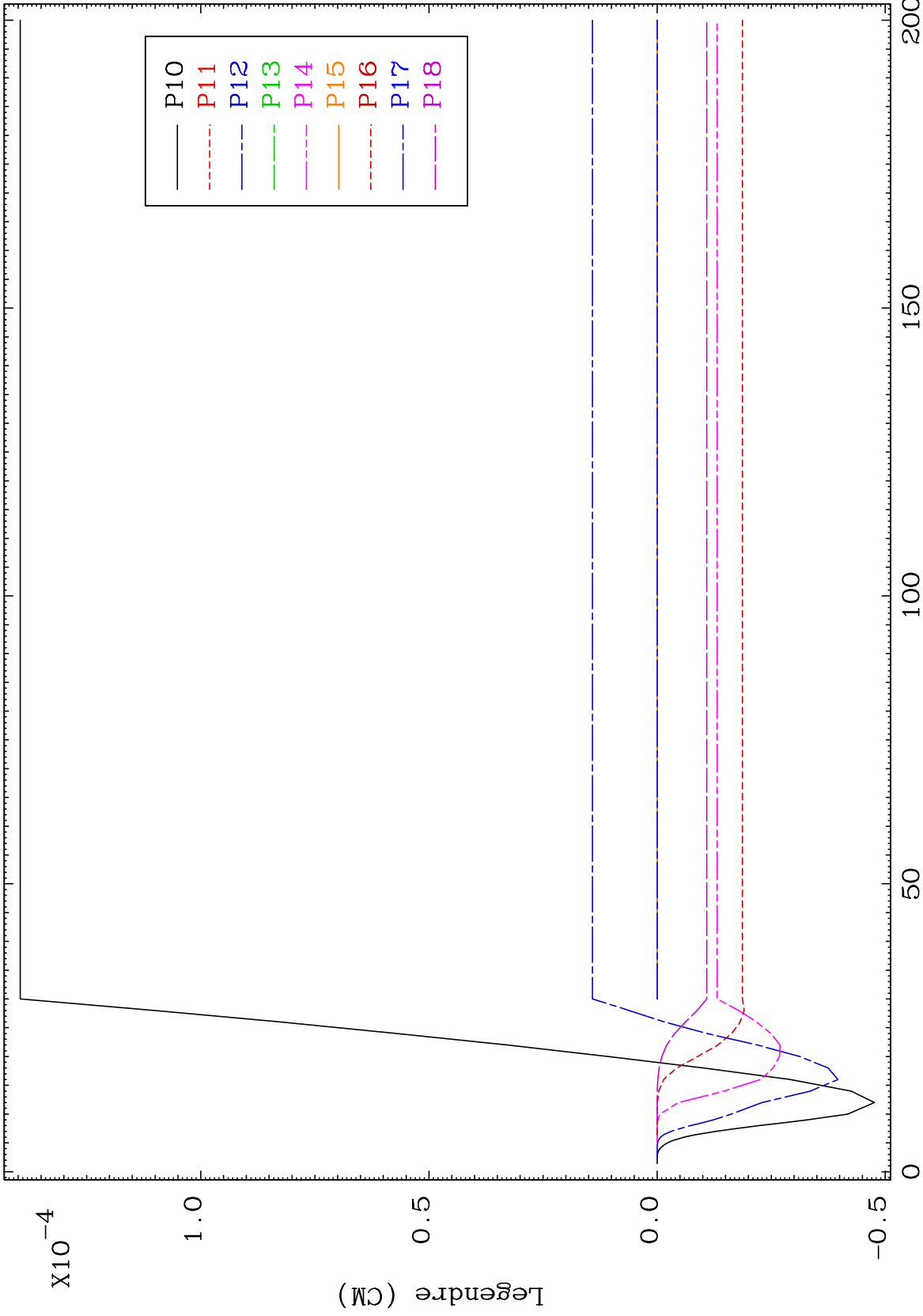
87-Fr-208



MAT 8713

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

87-Fr-208



56

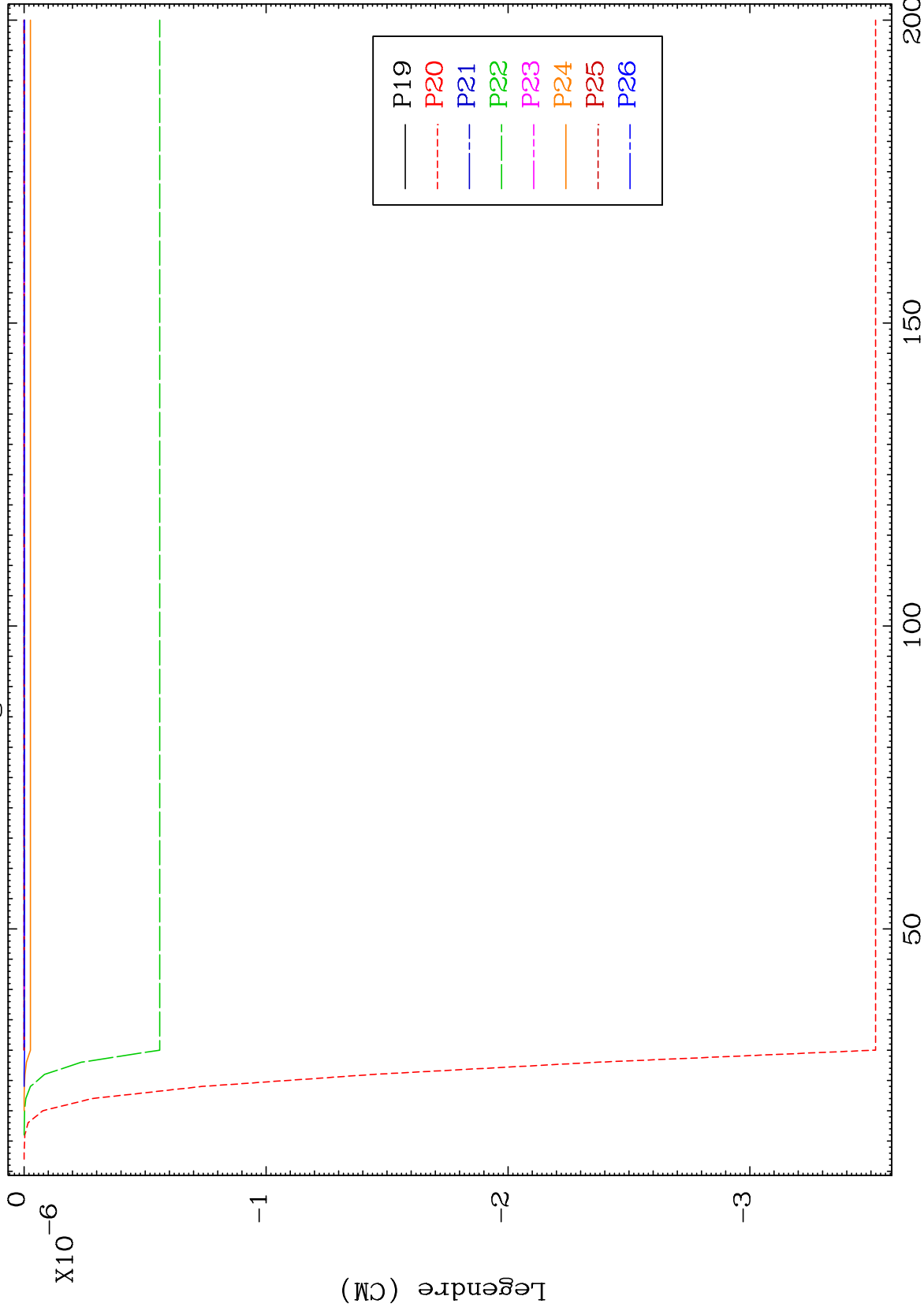
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



57

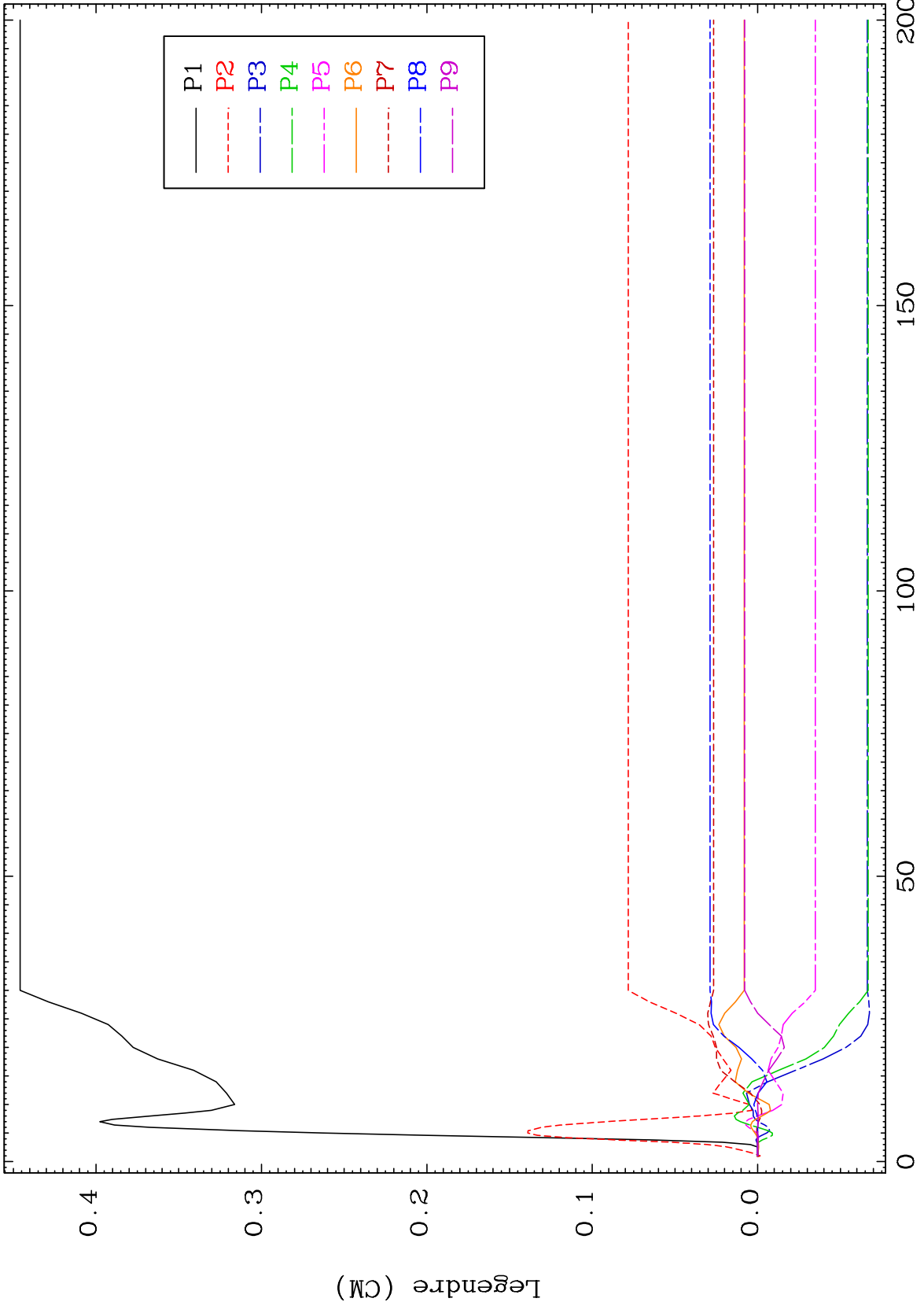
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



58

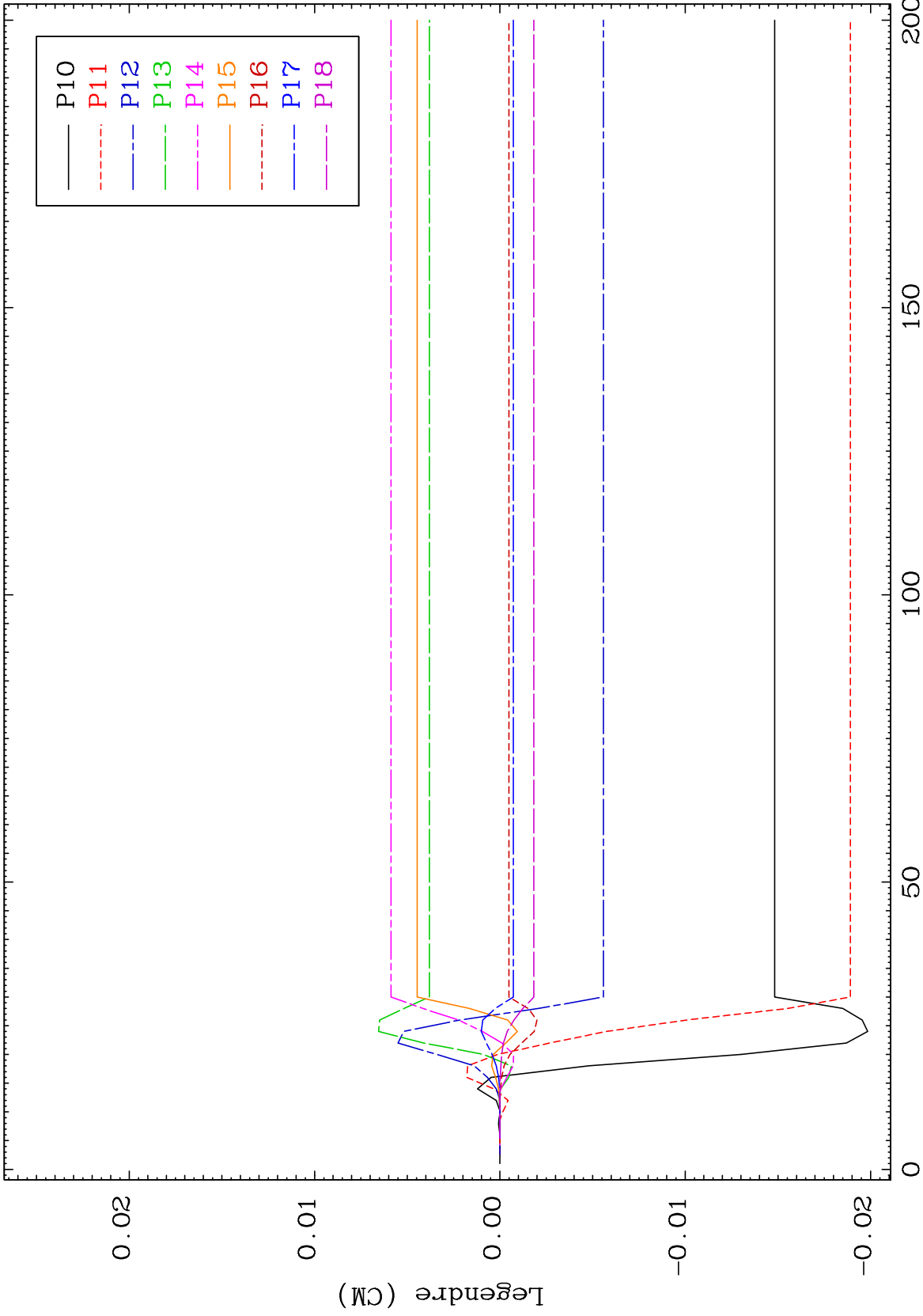
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



59

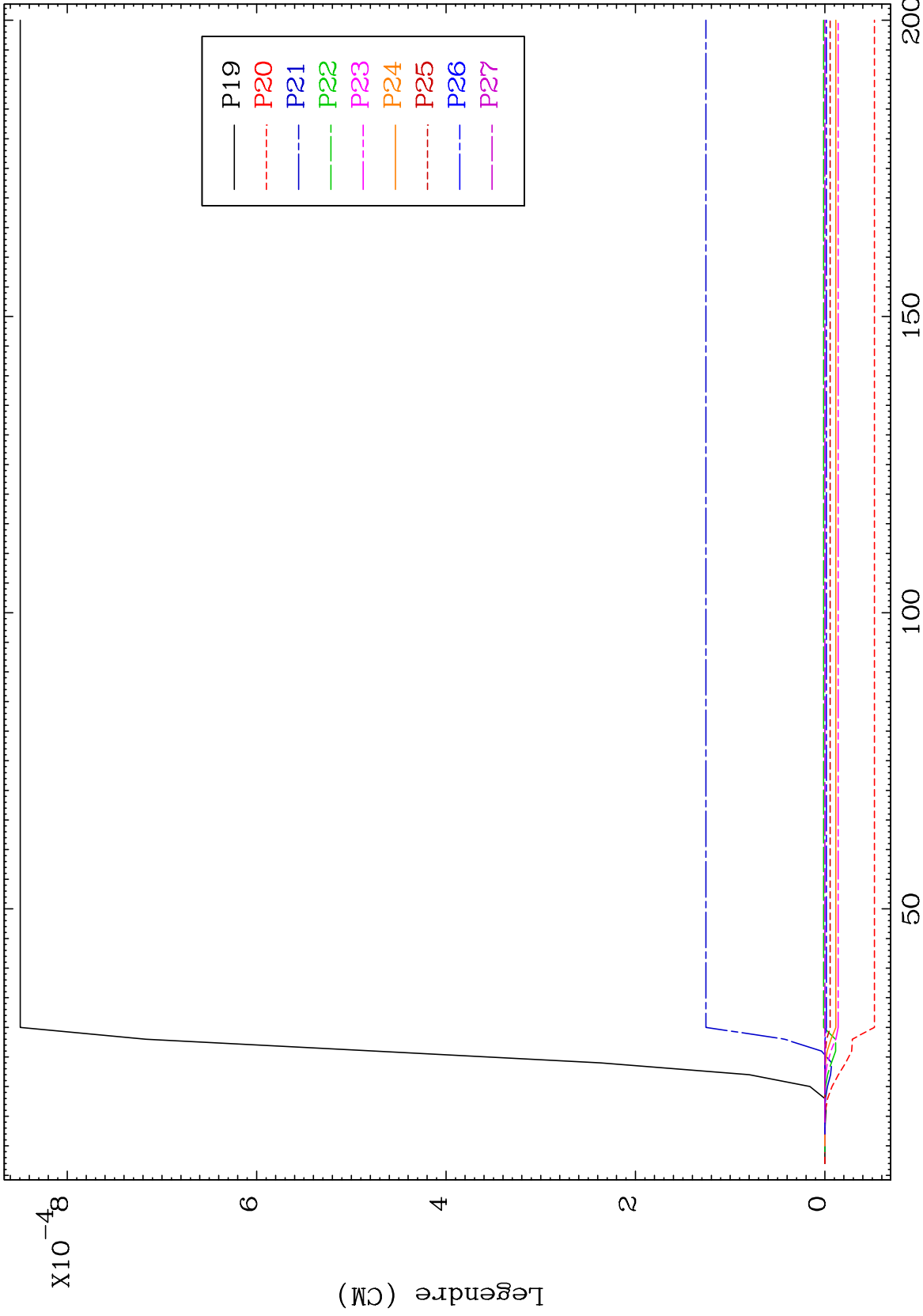
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



60

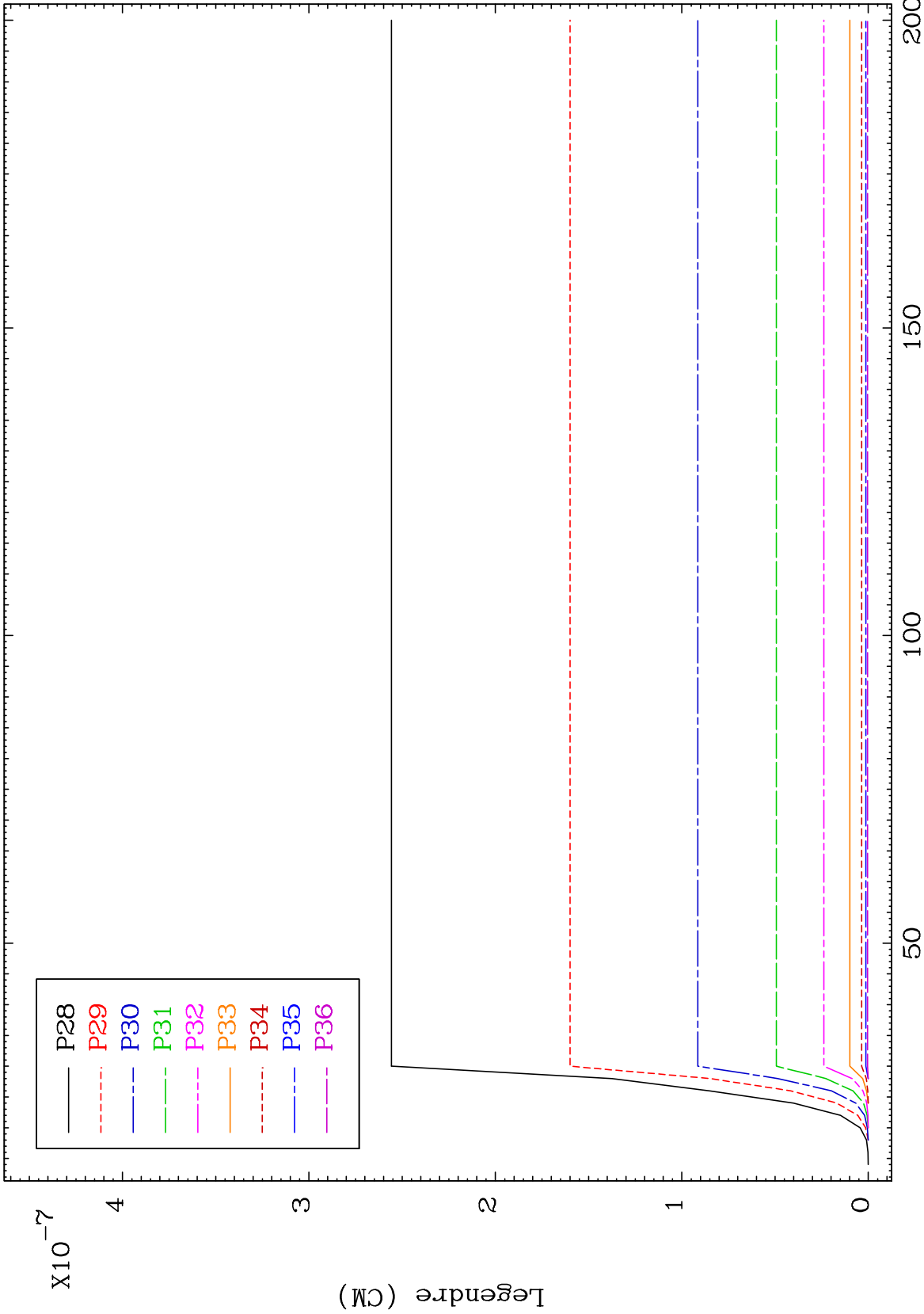
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



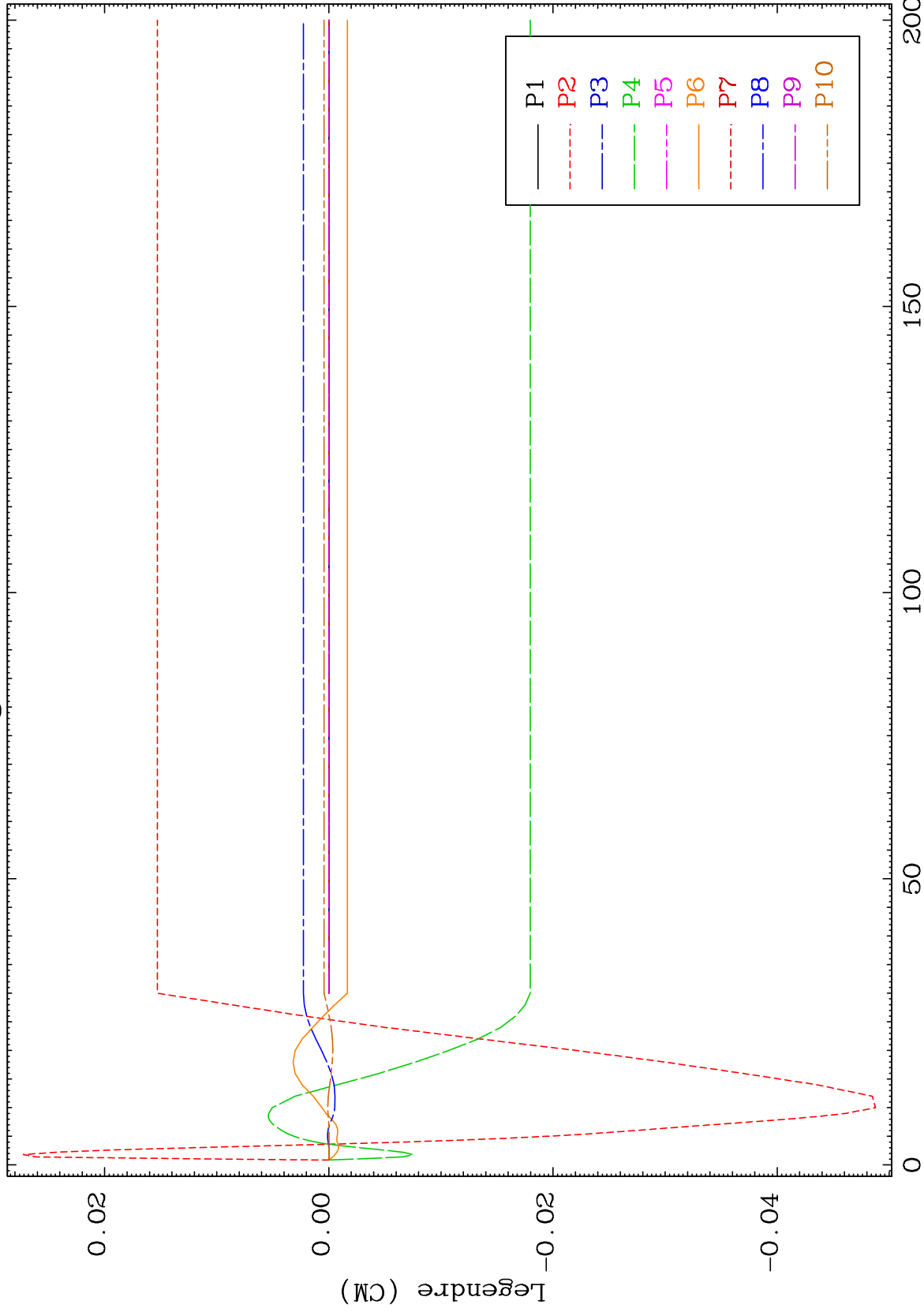
61

87-Fr-208

MAT 8713

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

87-Fr-208



62

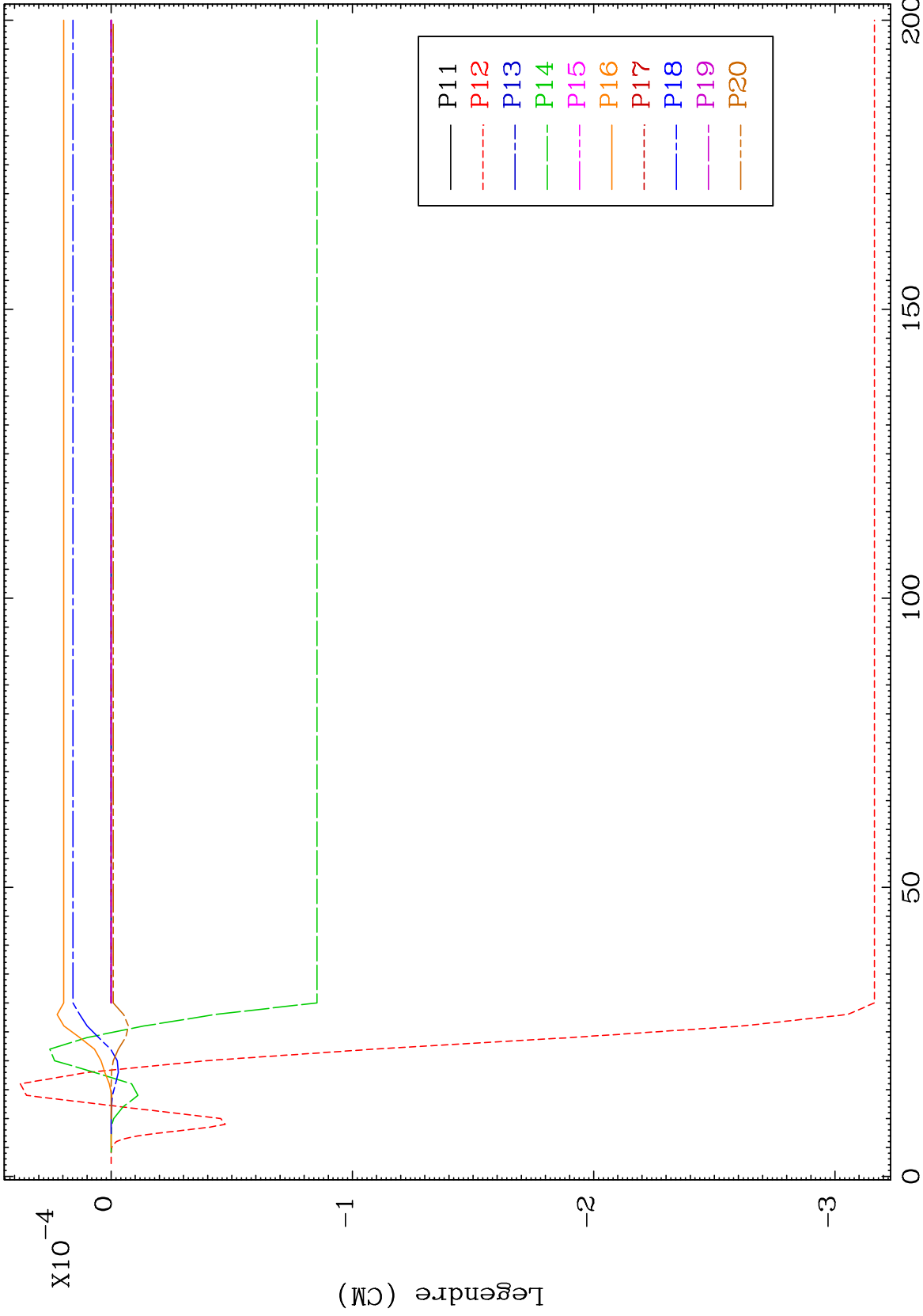
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



63

Incident Energy (MeV)

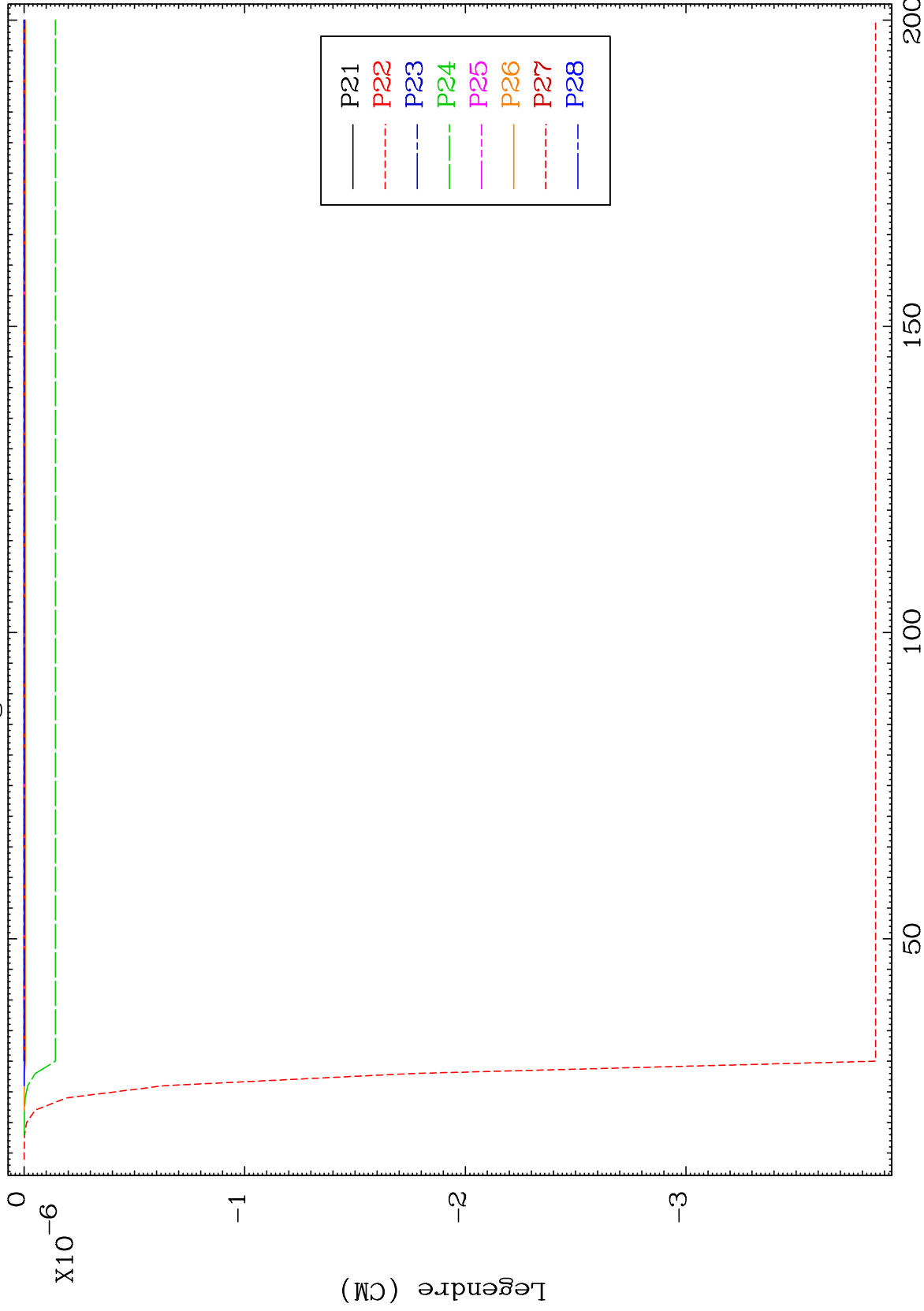
87-Fr-208



MAT 8713

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

87-Fr-208



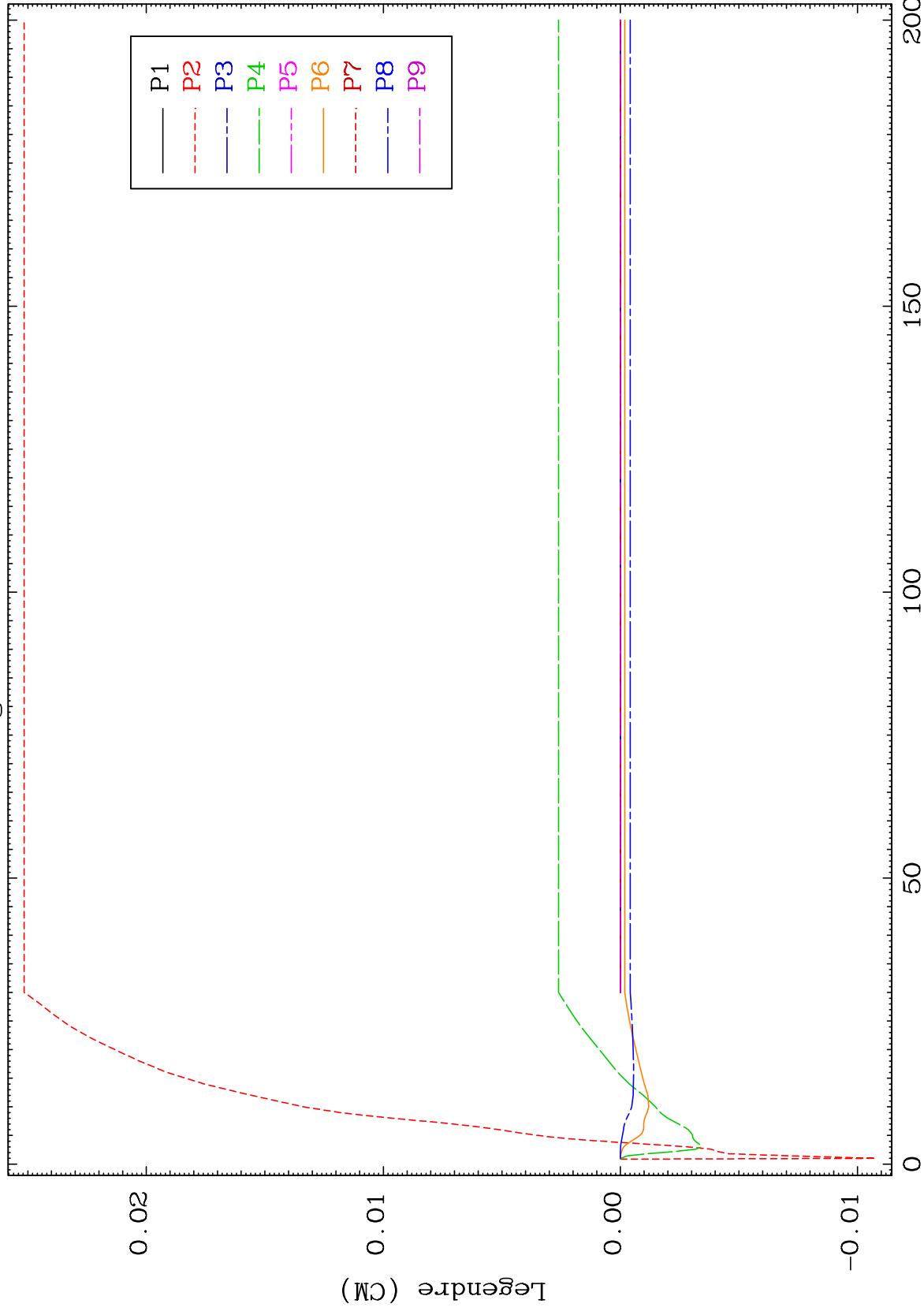
64

87-Fr-208

MAT 8713

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

87-Fr-208



65

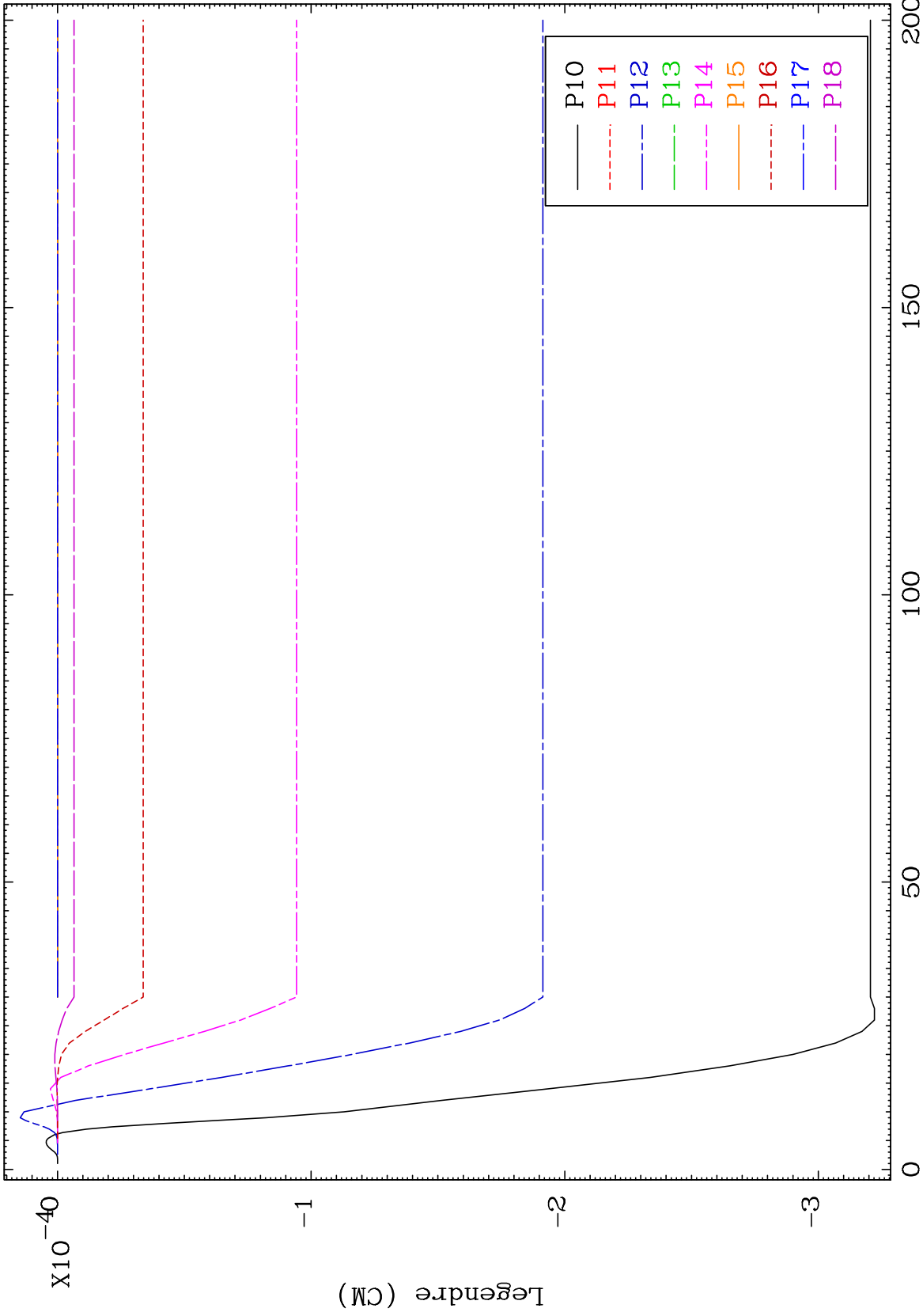
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



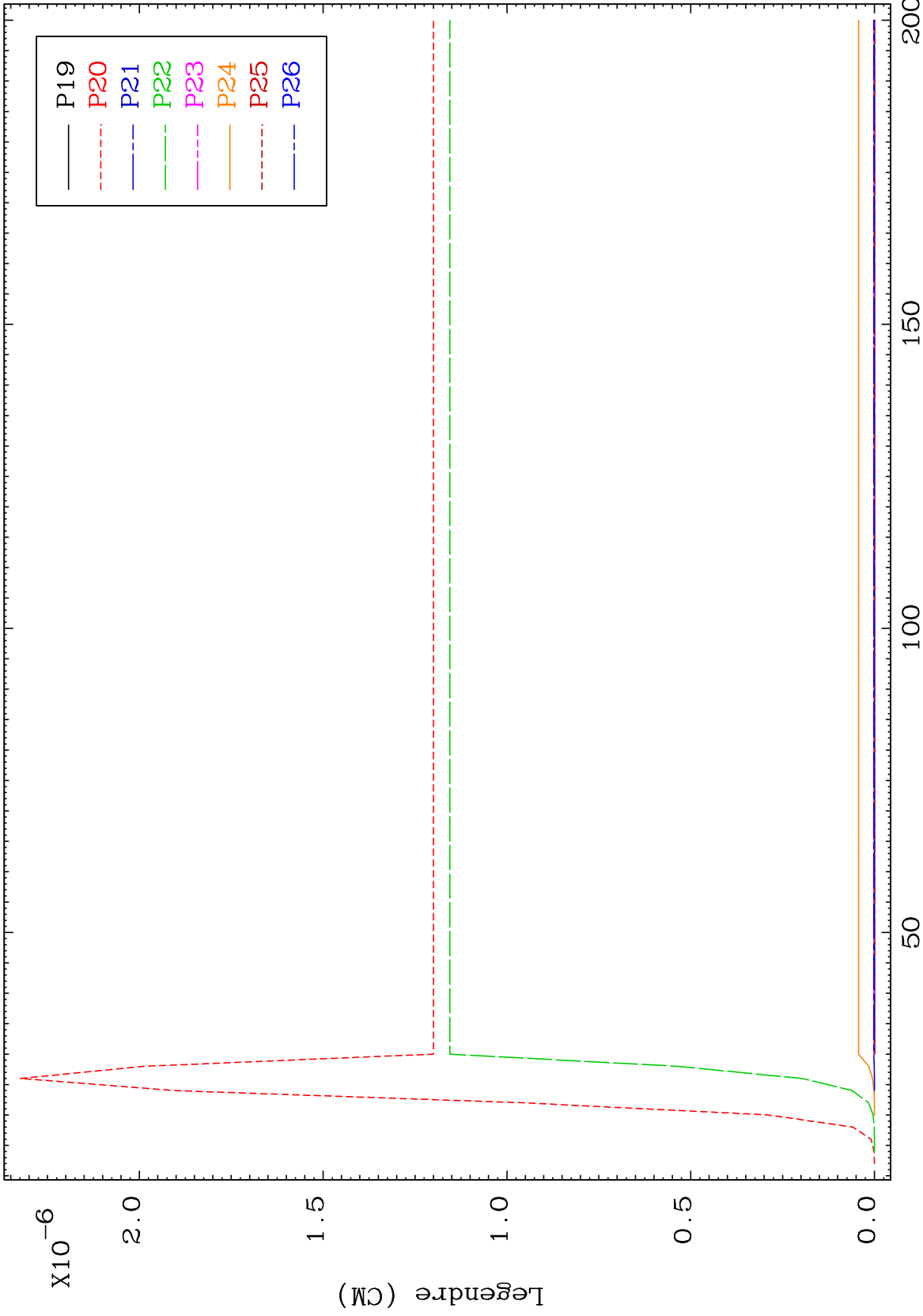
66

87-Fr-208

MAT 8713

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

87-Fr-208



67

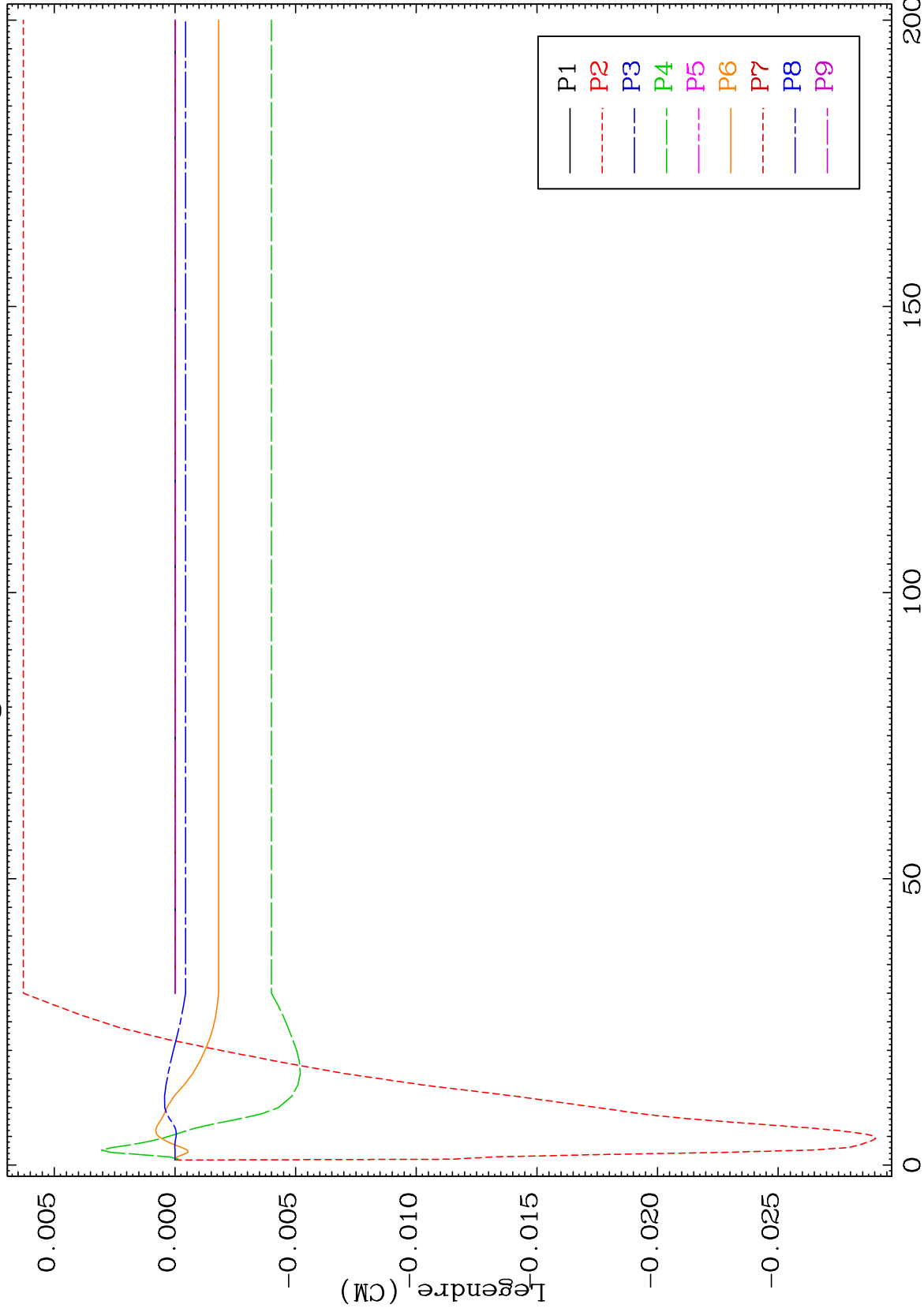
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



68

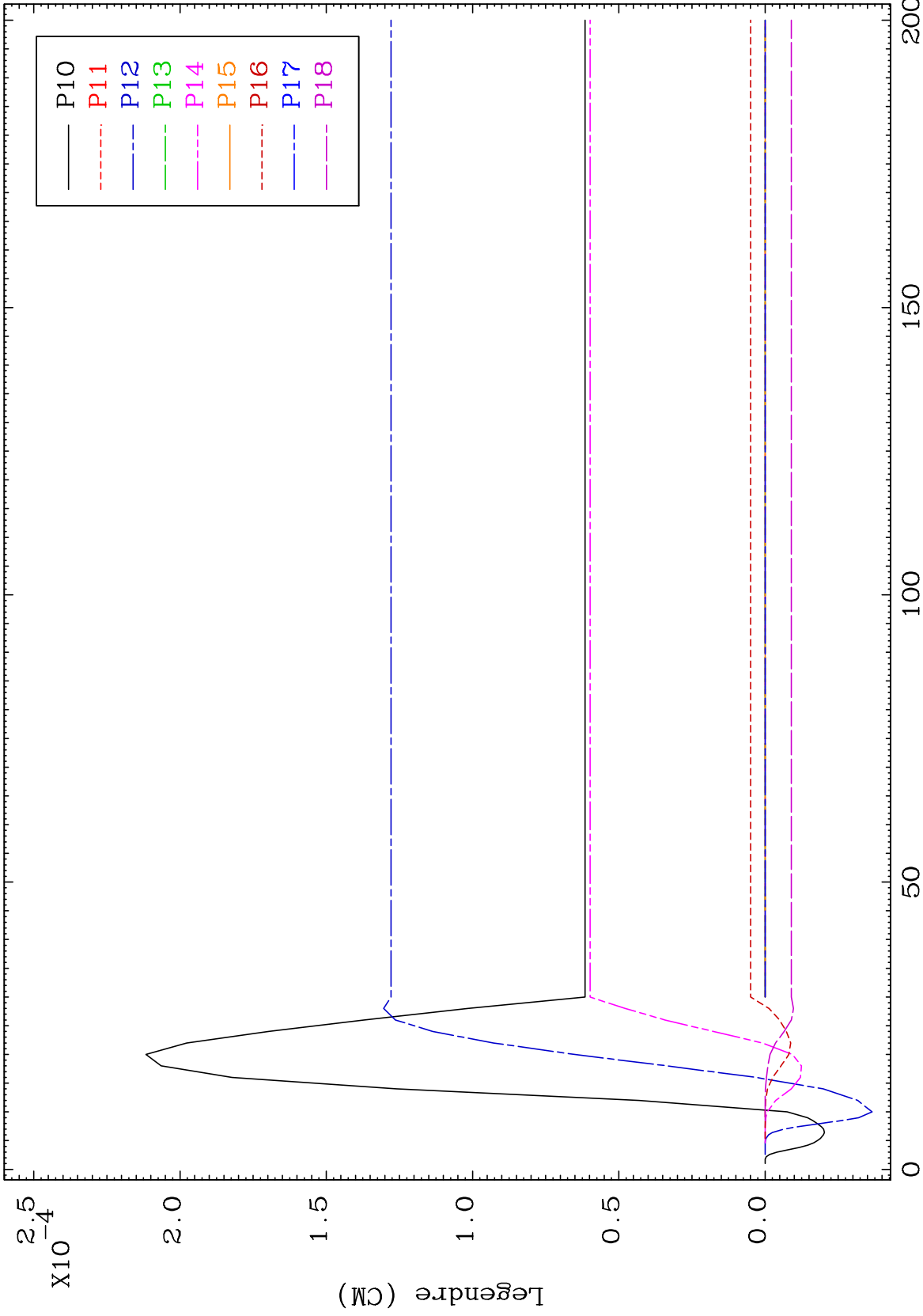
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208

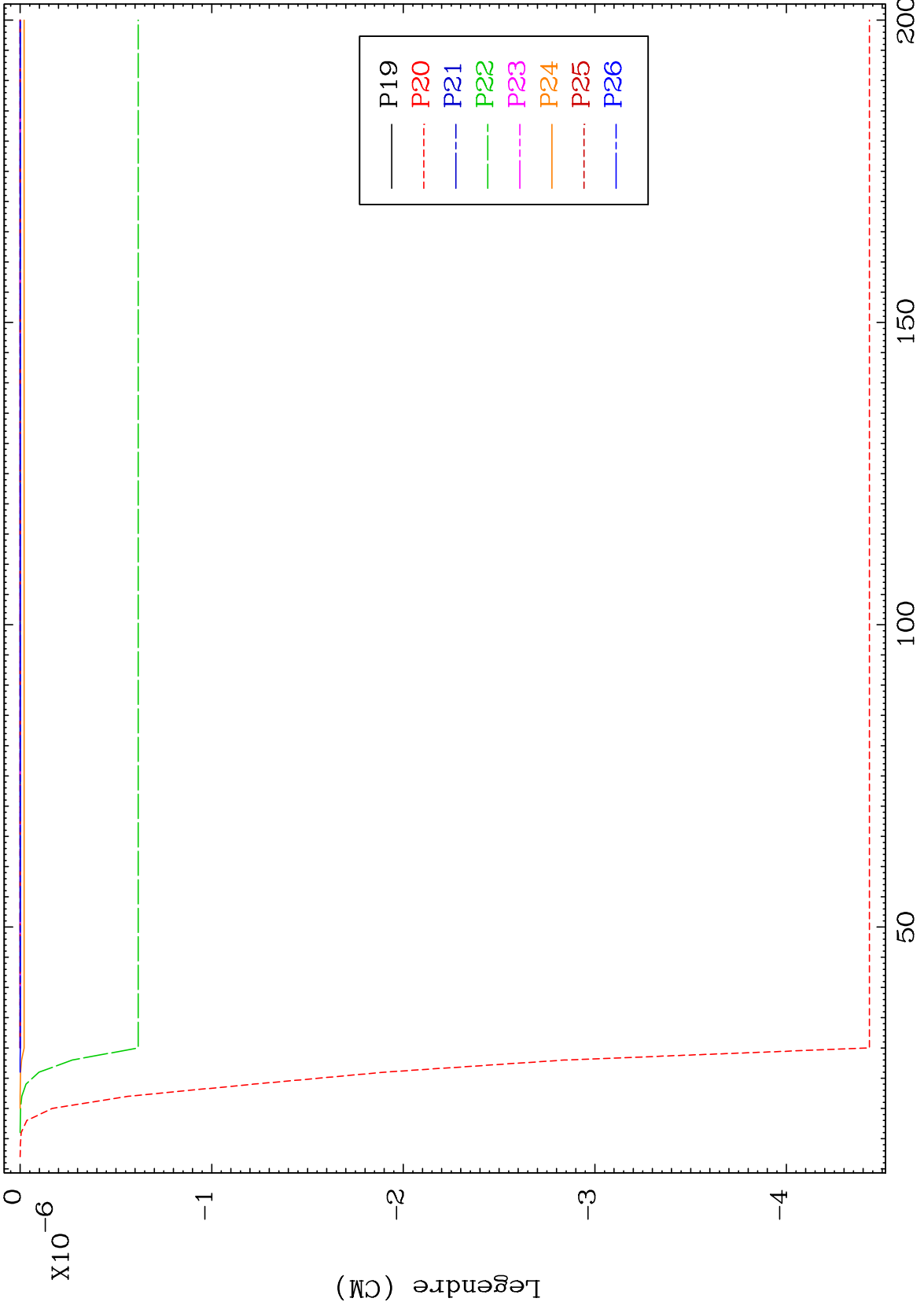


69

Incident Energy (MeV)

87-Fr-208

MAT 8713 MT= 65 (n,n') Level Legendre Coefficients 87-Fr-208

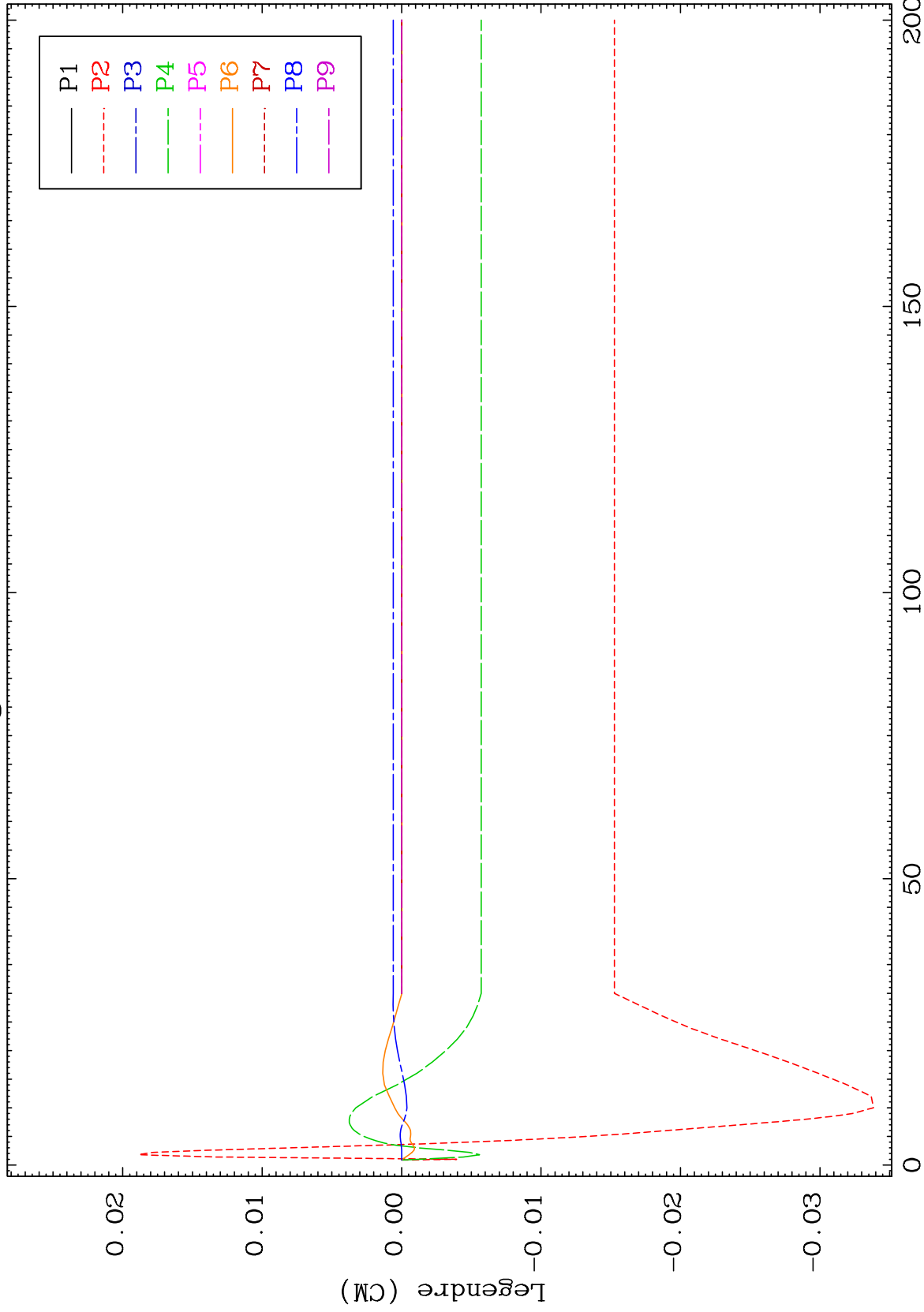


70 Incident Energy (MeV) 87-Fr-208

MAT 8713

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

87-Fr-208



71

Incident Energy (MeV)

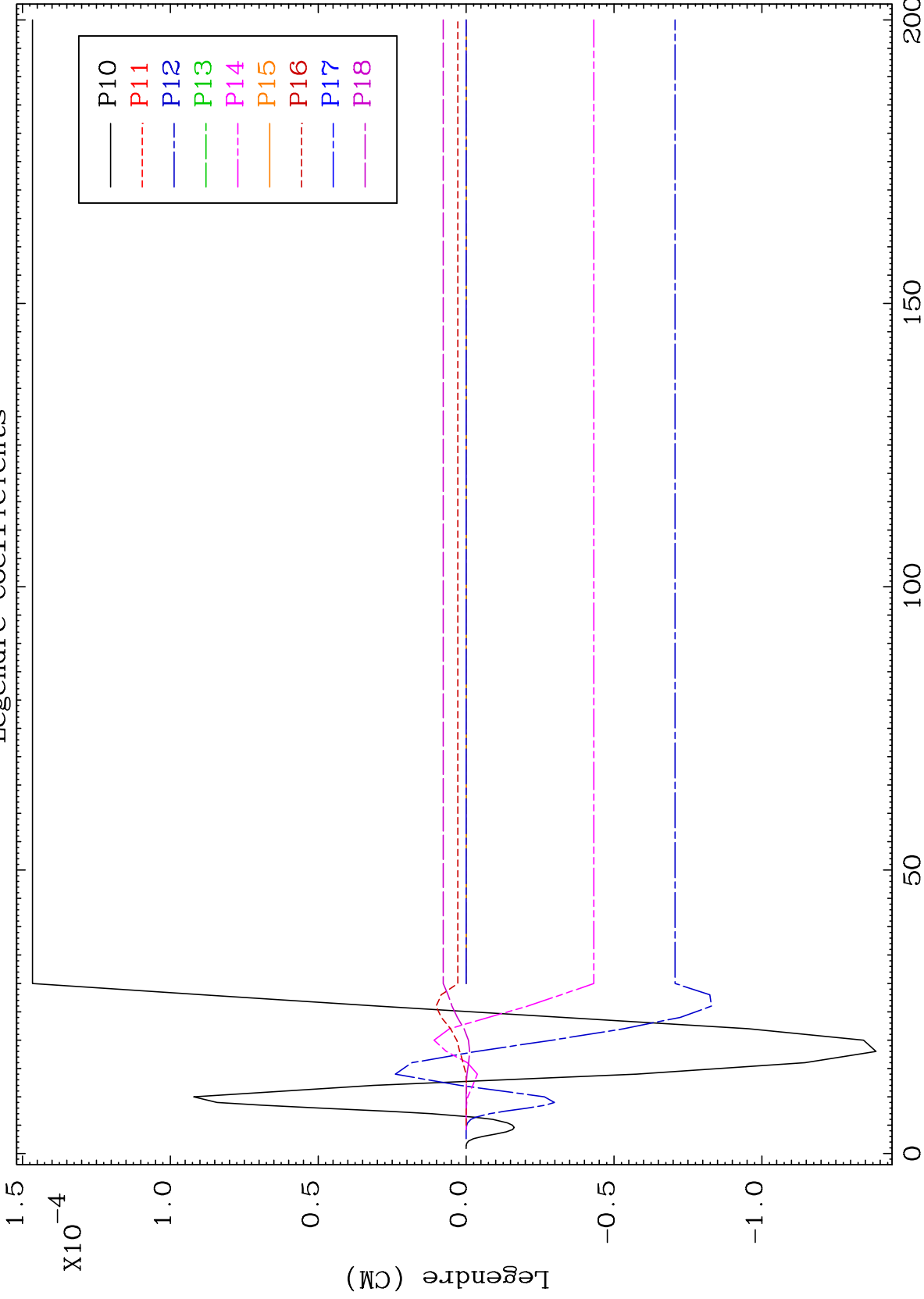
87-Fr-208



MAT 8713

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

87-Fr-208



72

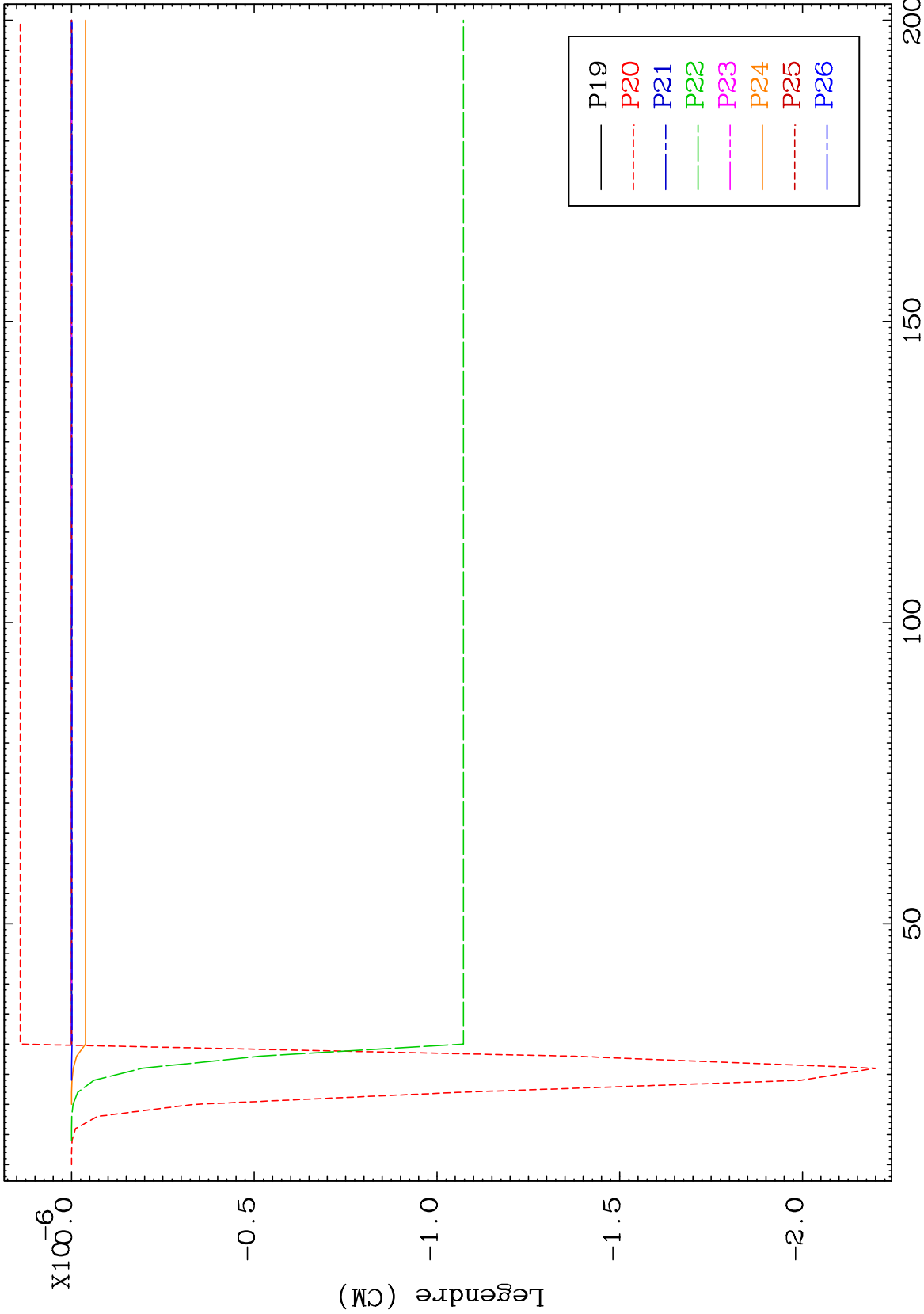
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



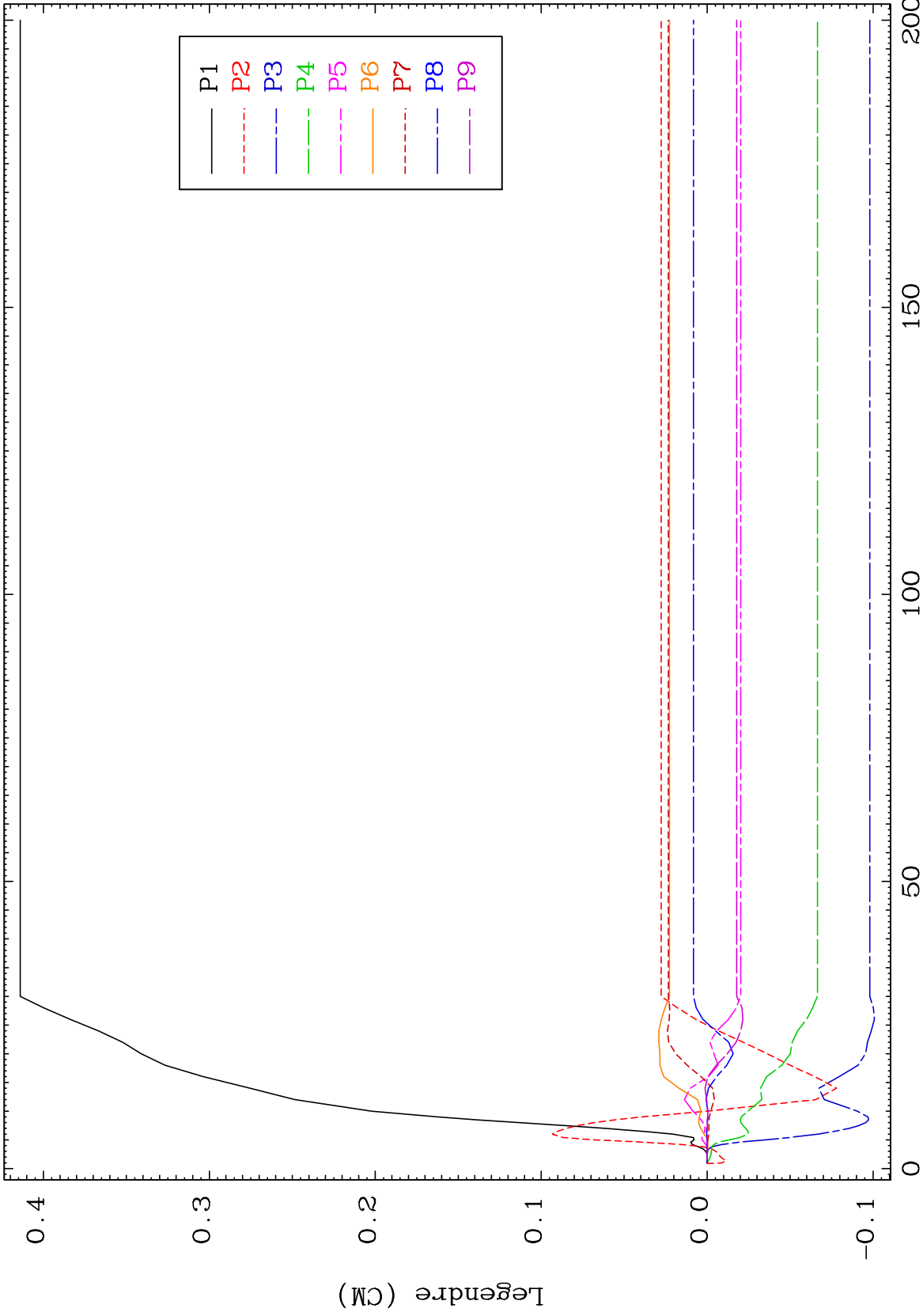
73

87-Fr-208

MAT 8713

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

87-Fr-208



74

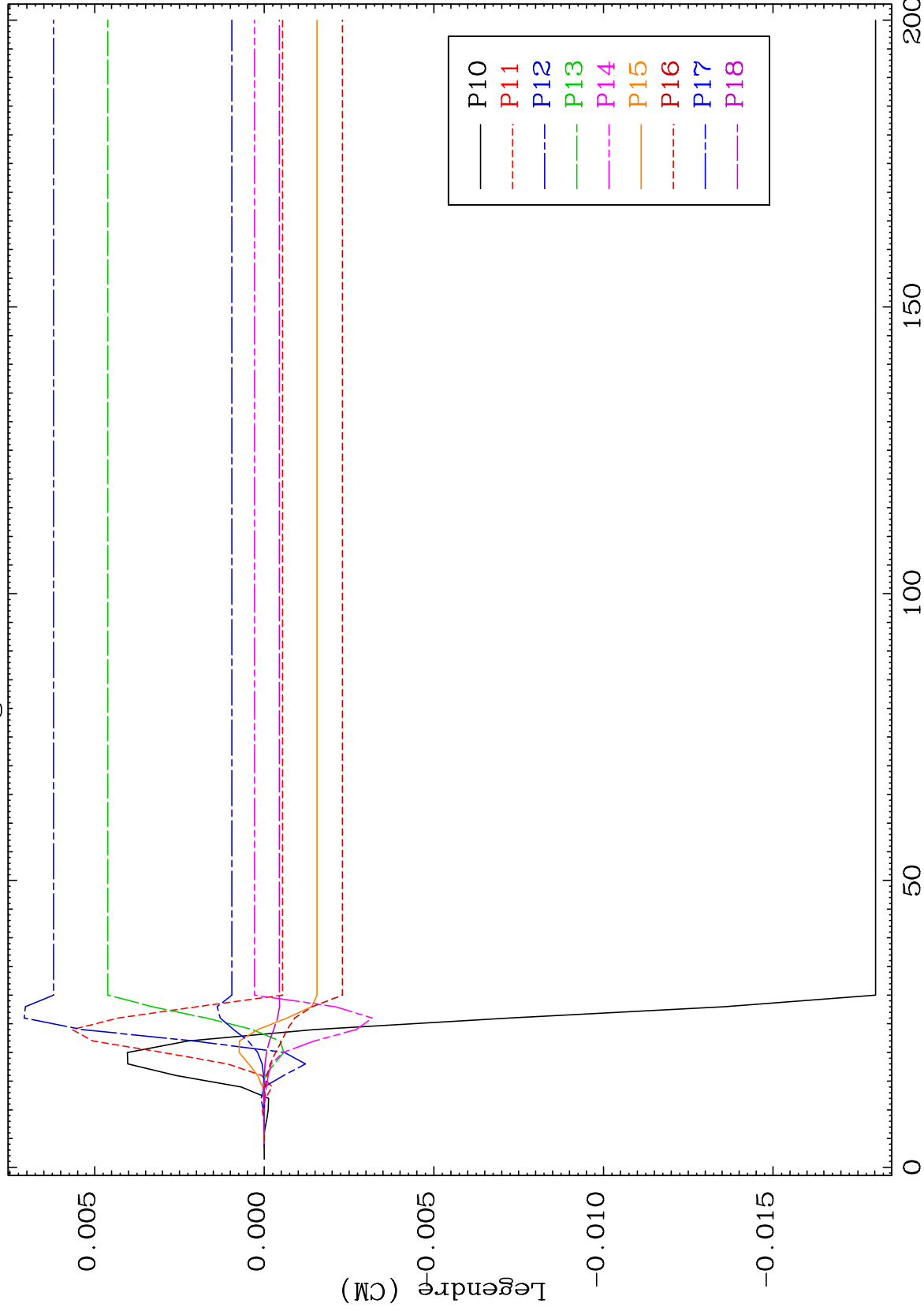
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



75

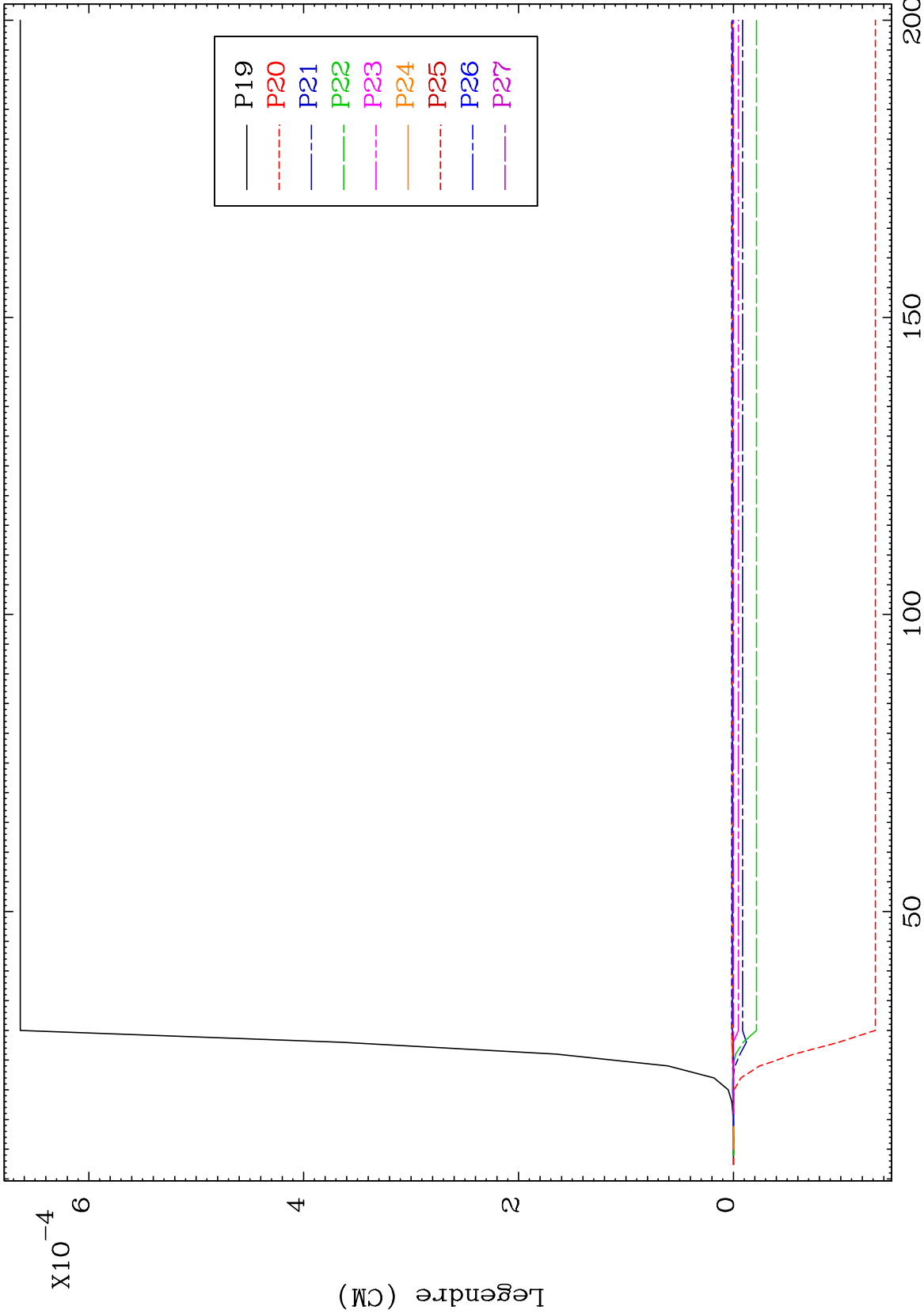
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



76

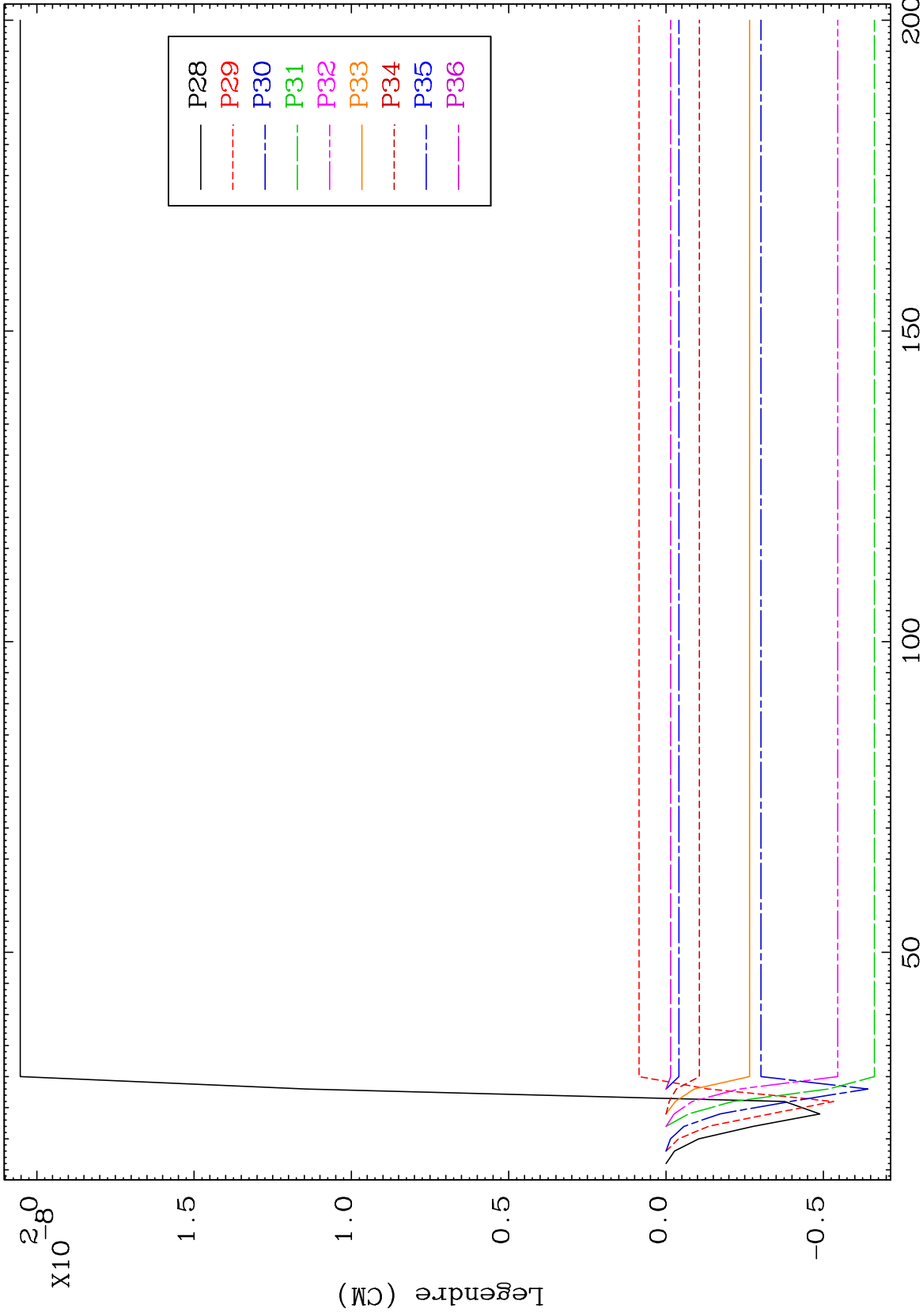
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



77

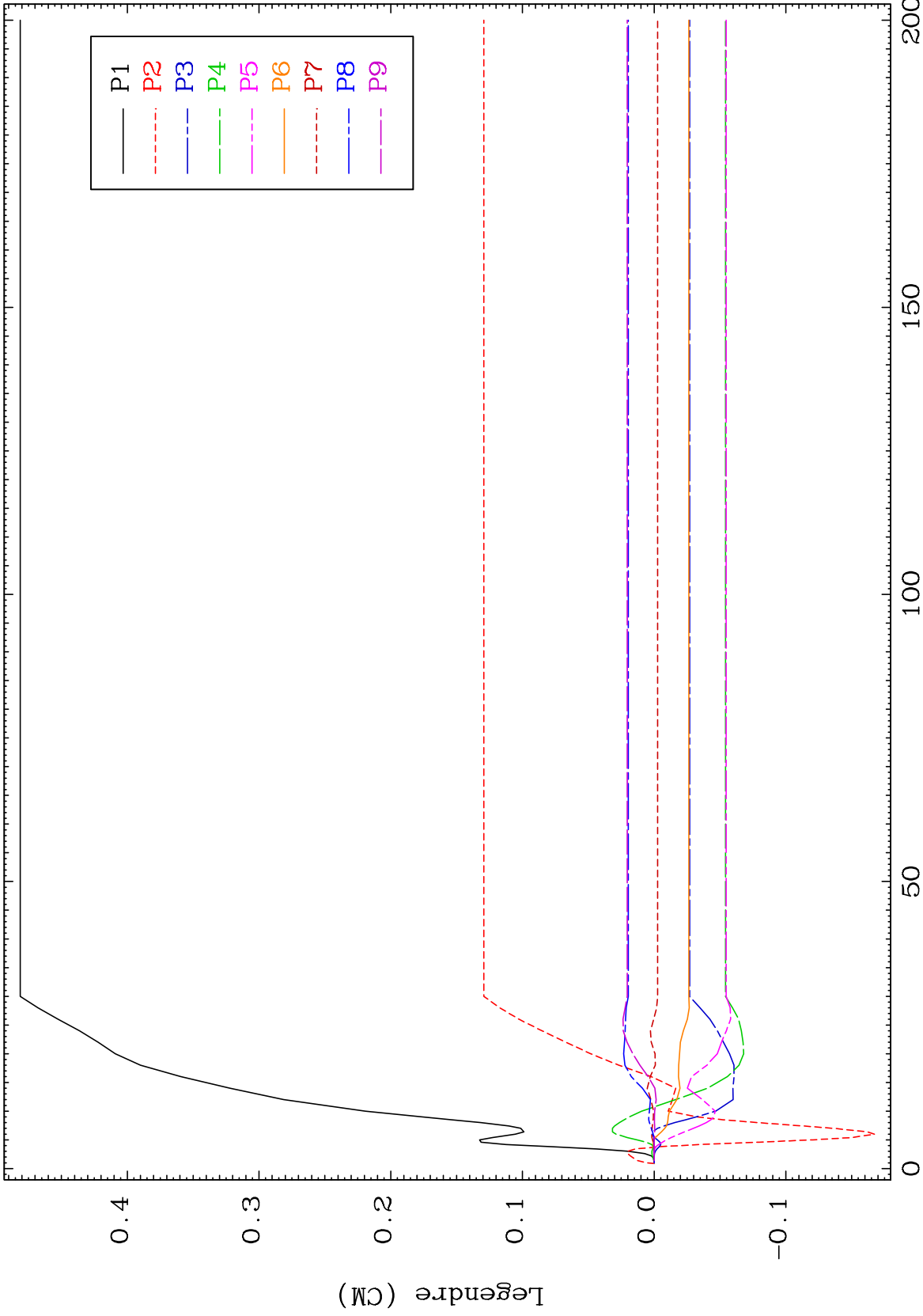
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



78

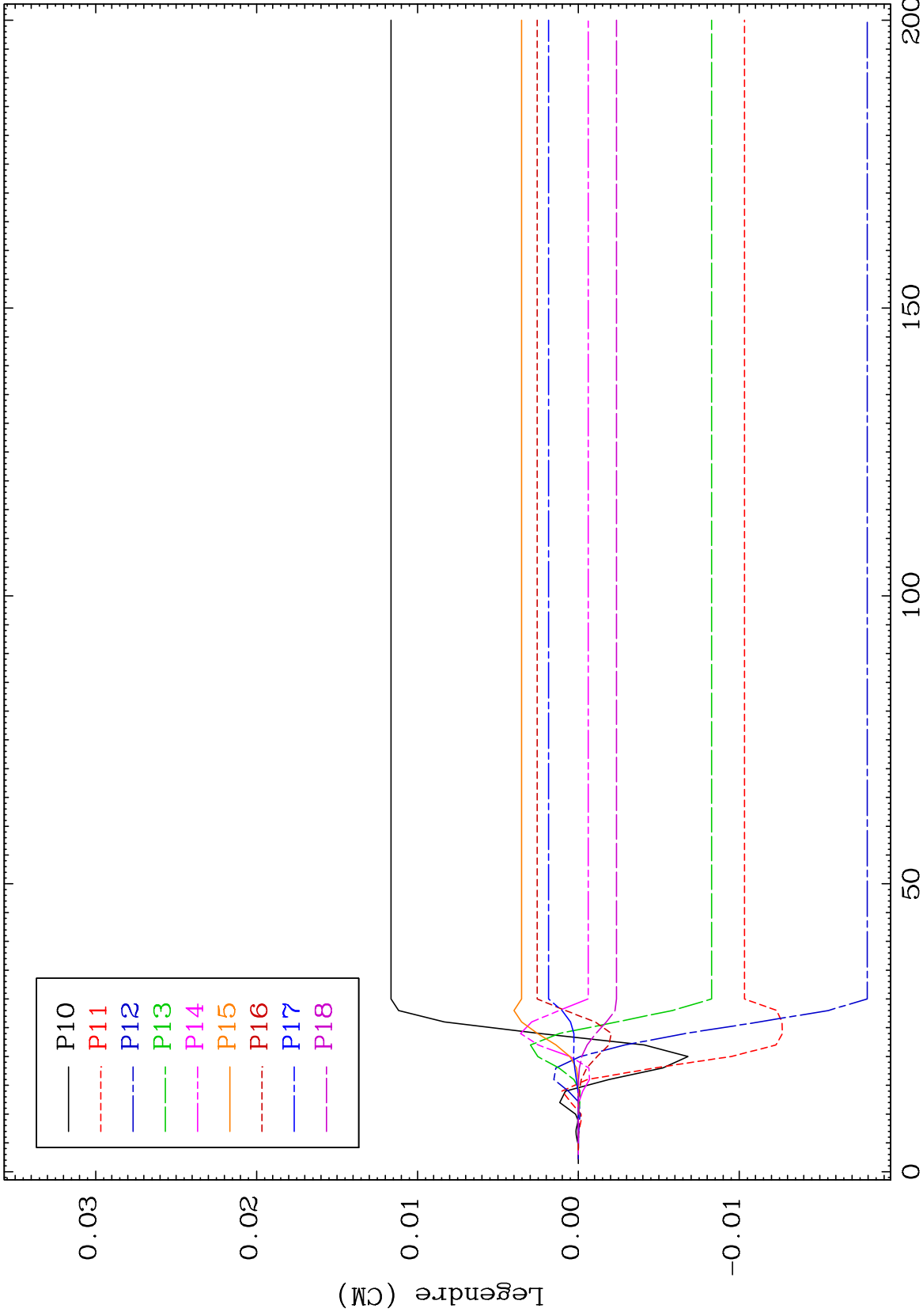
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



79

Incident Energy (MeV)

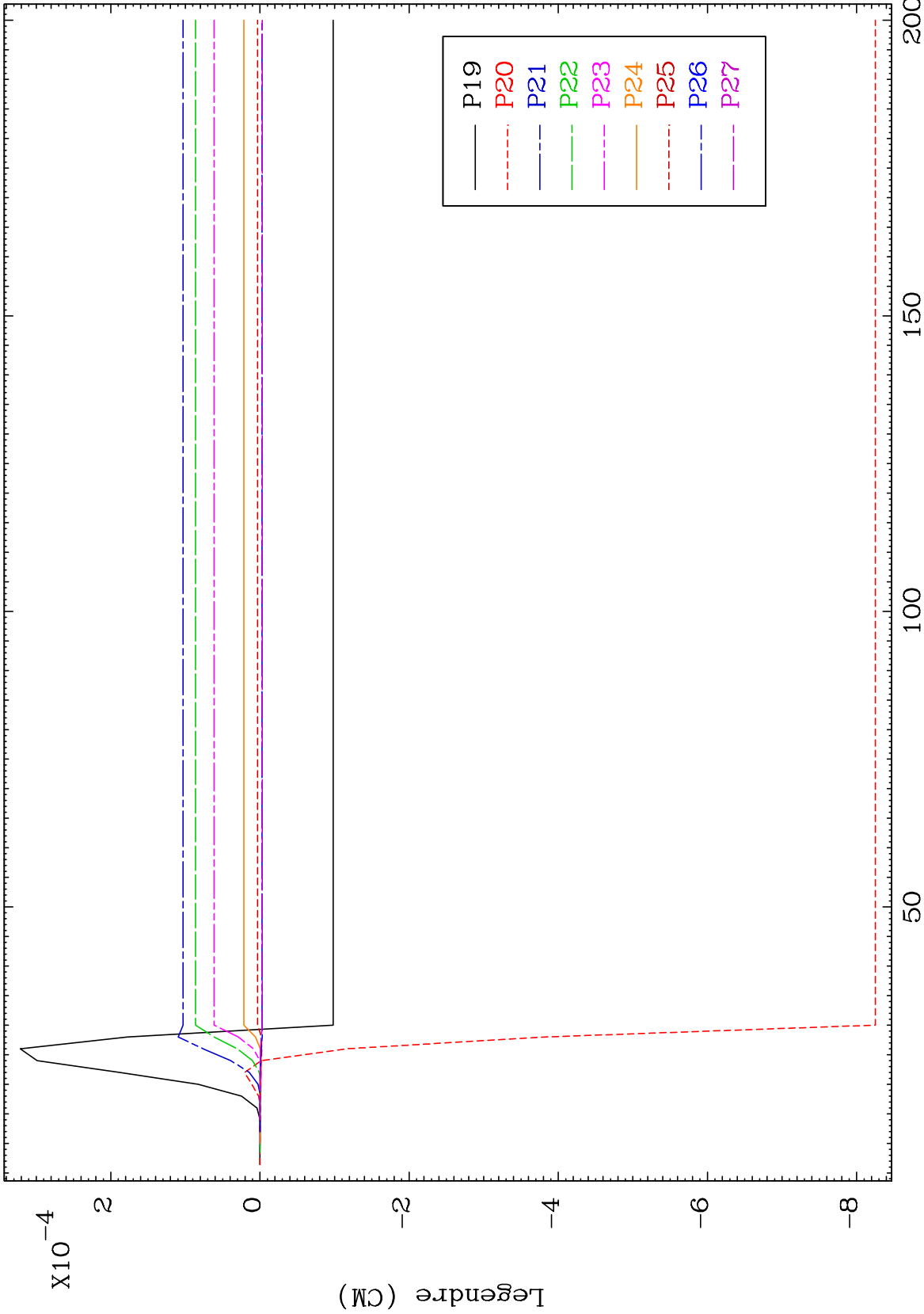
87-Fr-208



MAT 8713

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

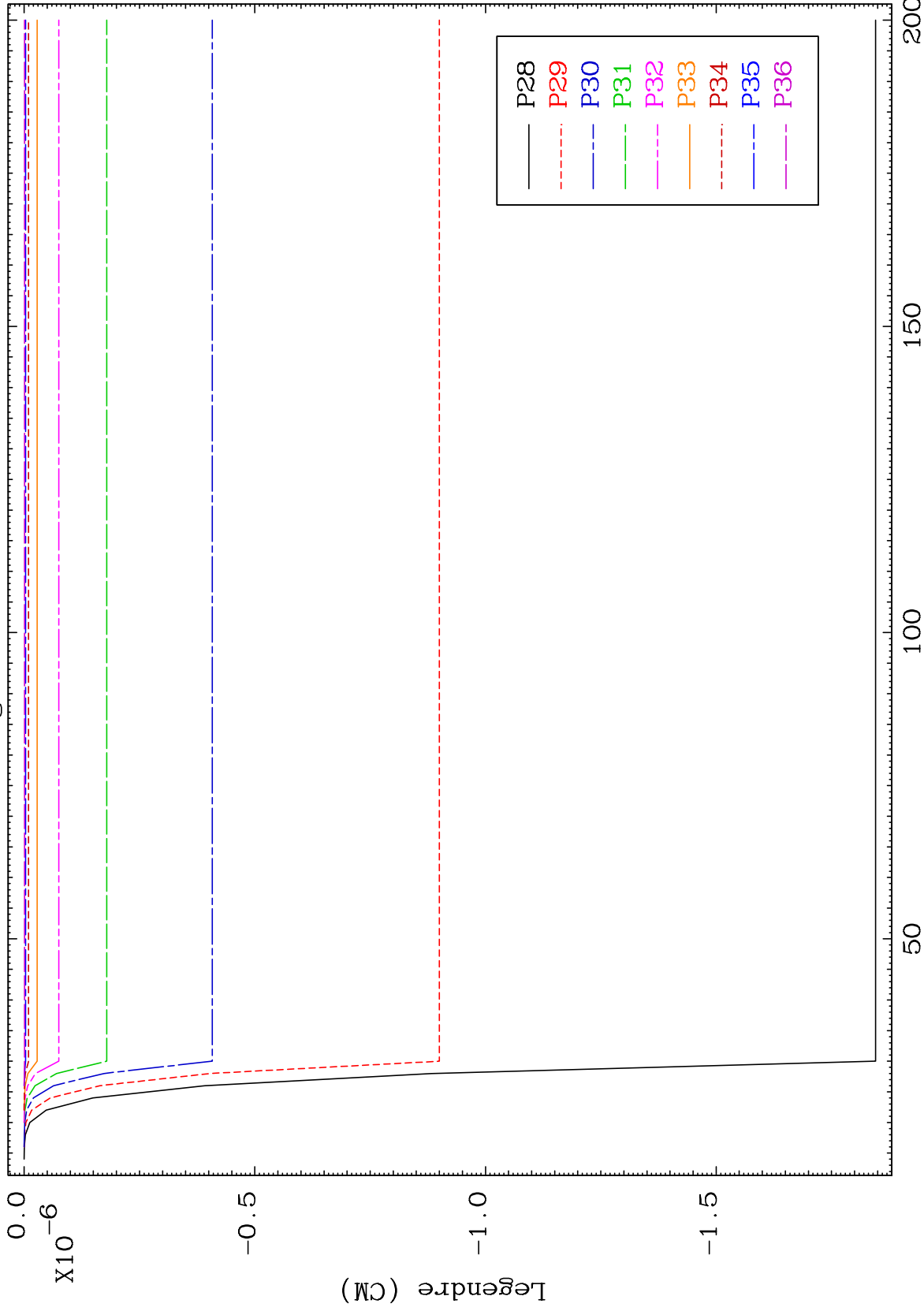
87-Fr-208



80

Incident Energy (MeV)

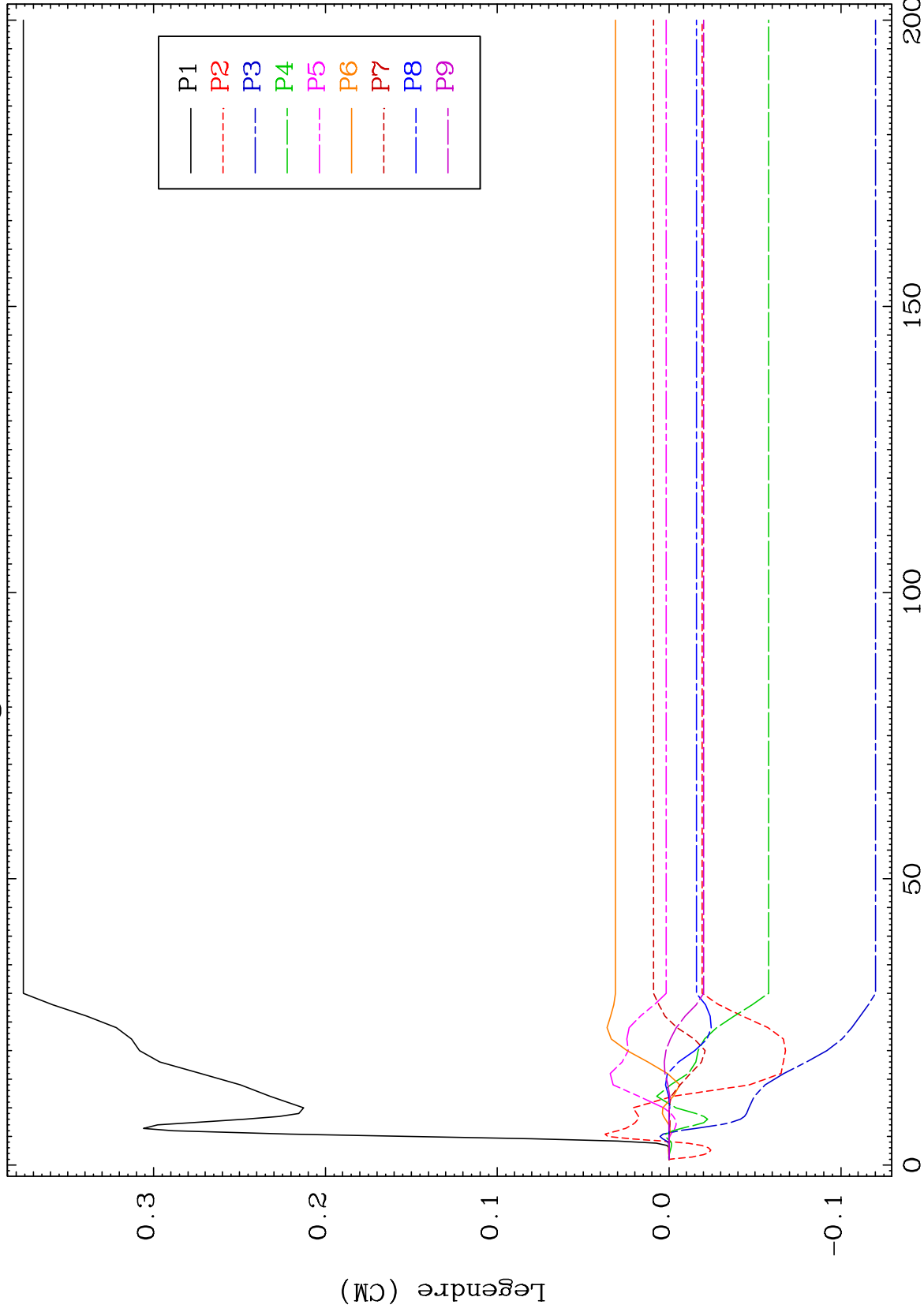
87-Fr-208



MAT 8713

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

87-Fr-208



82

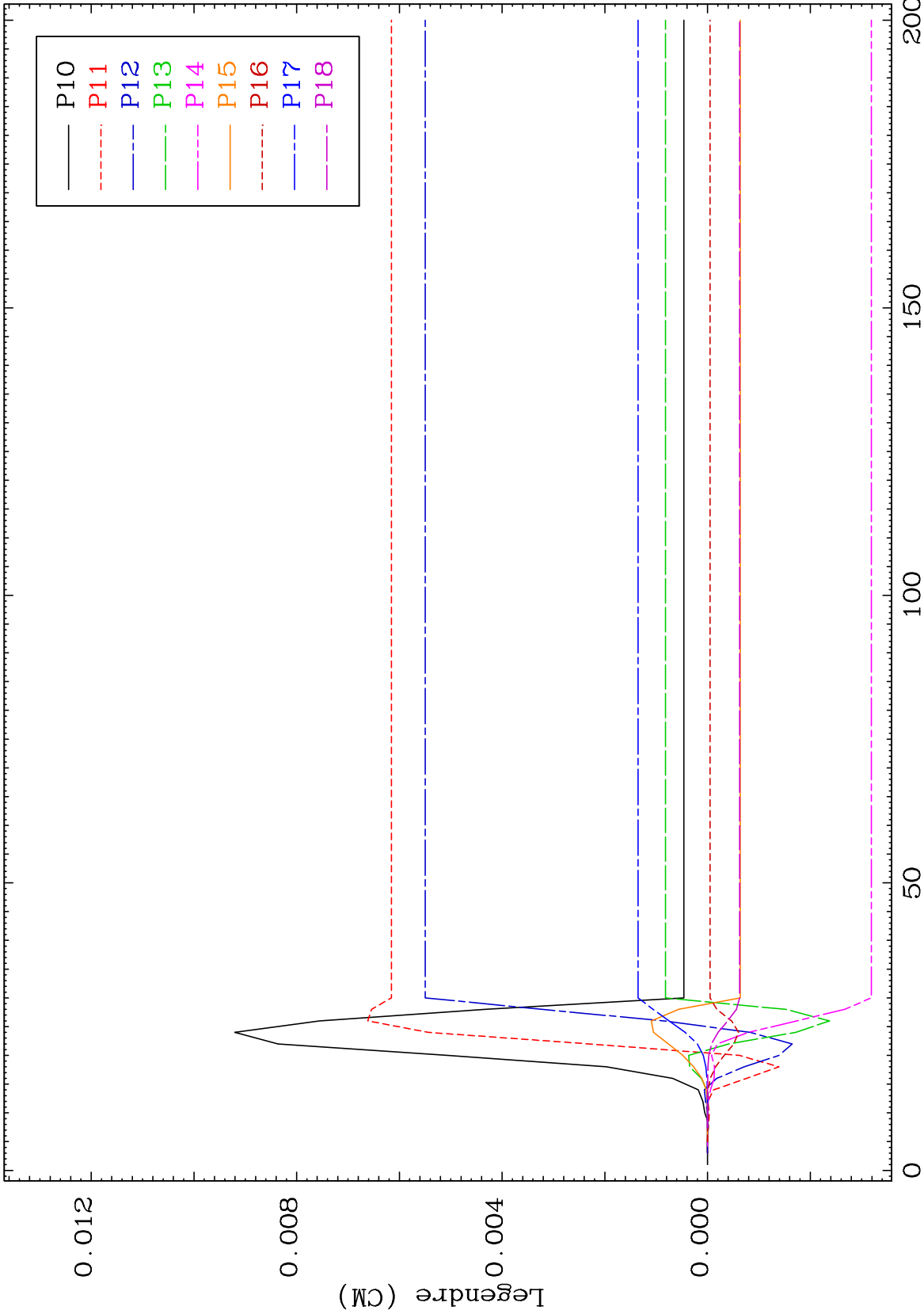
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



83

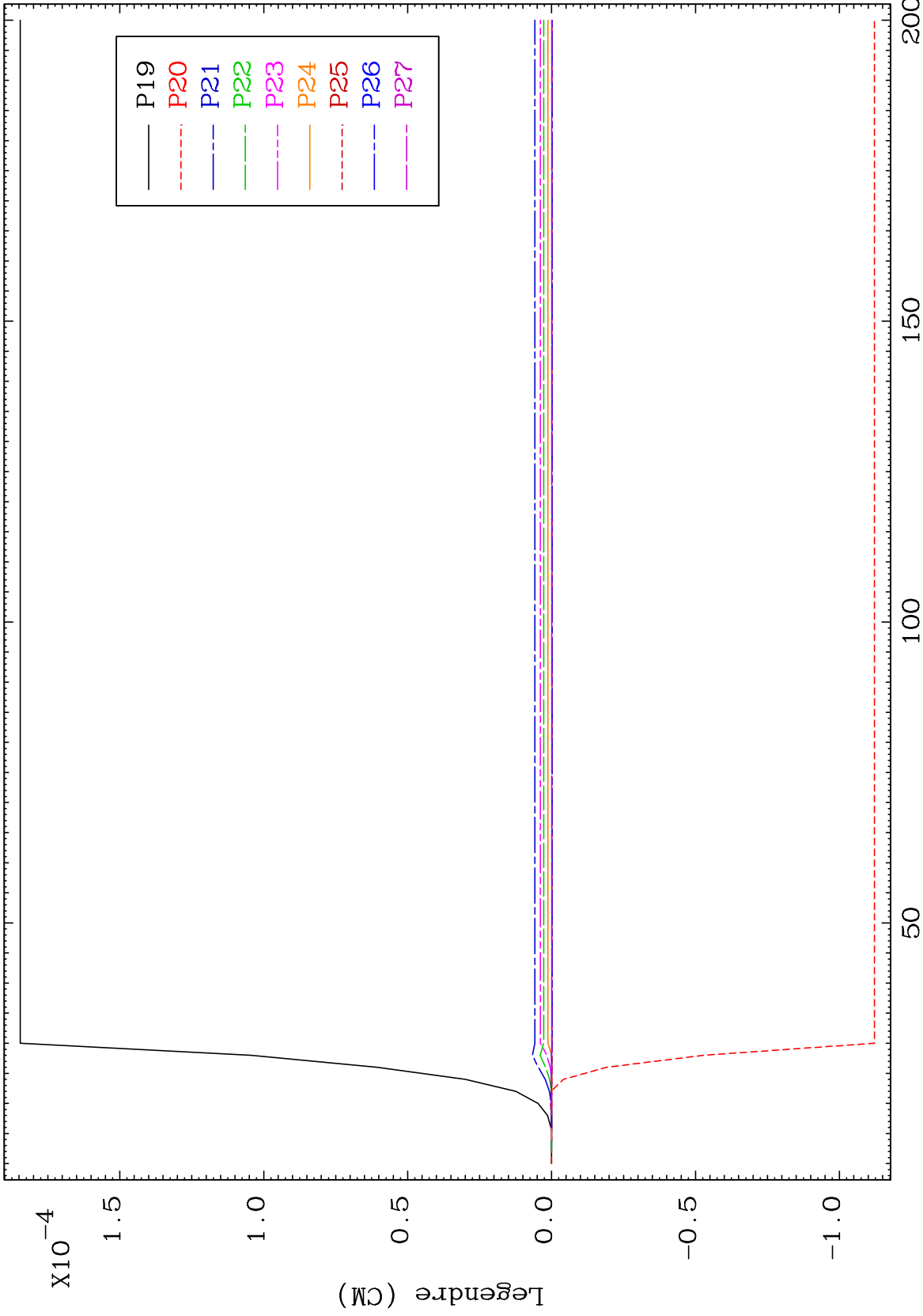
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



84

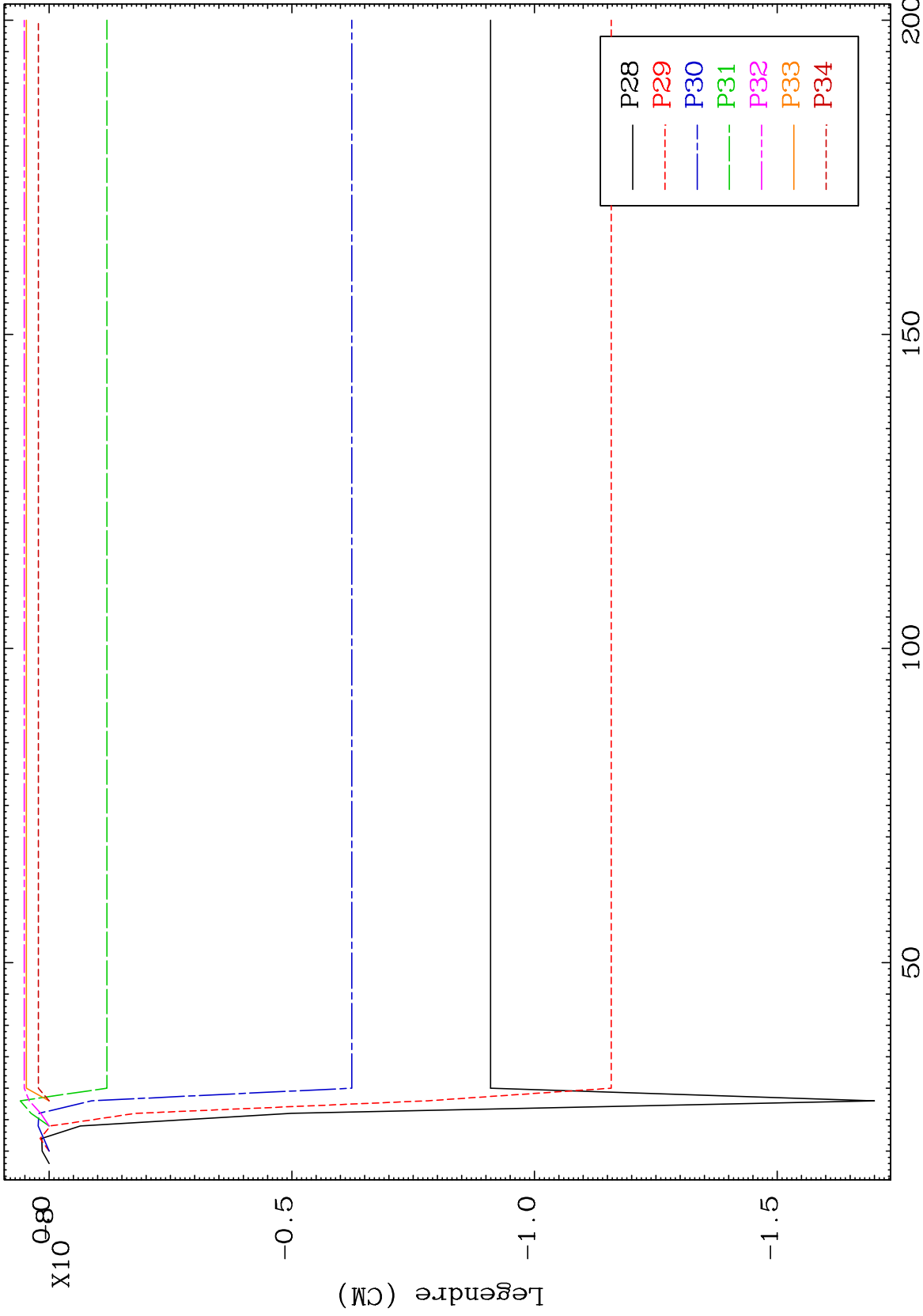
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



87-Fr-208

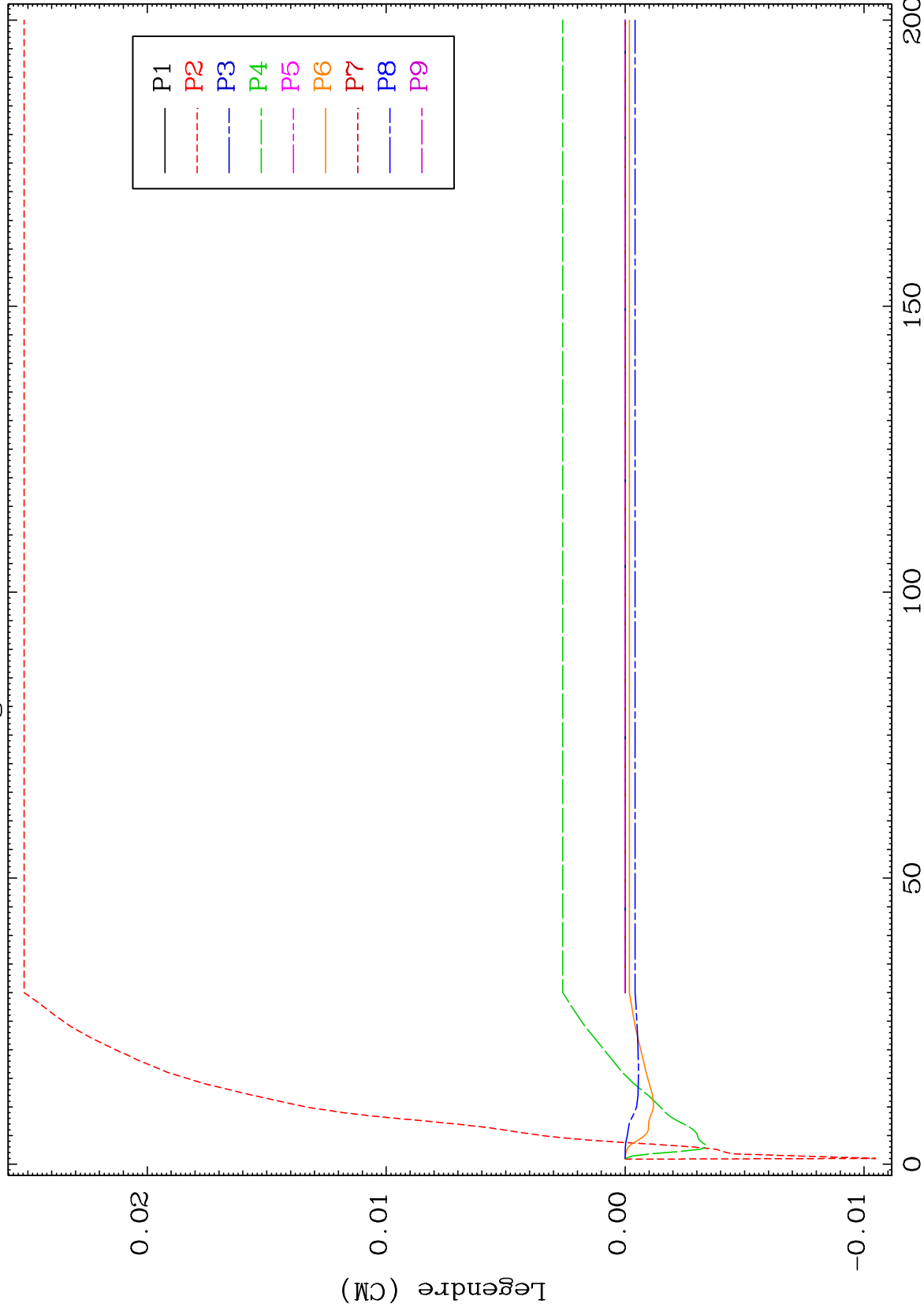
Incident Energy (MeV)

85

MAT 8713

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

87-Fr-208



86

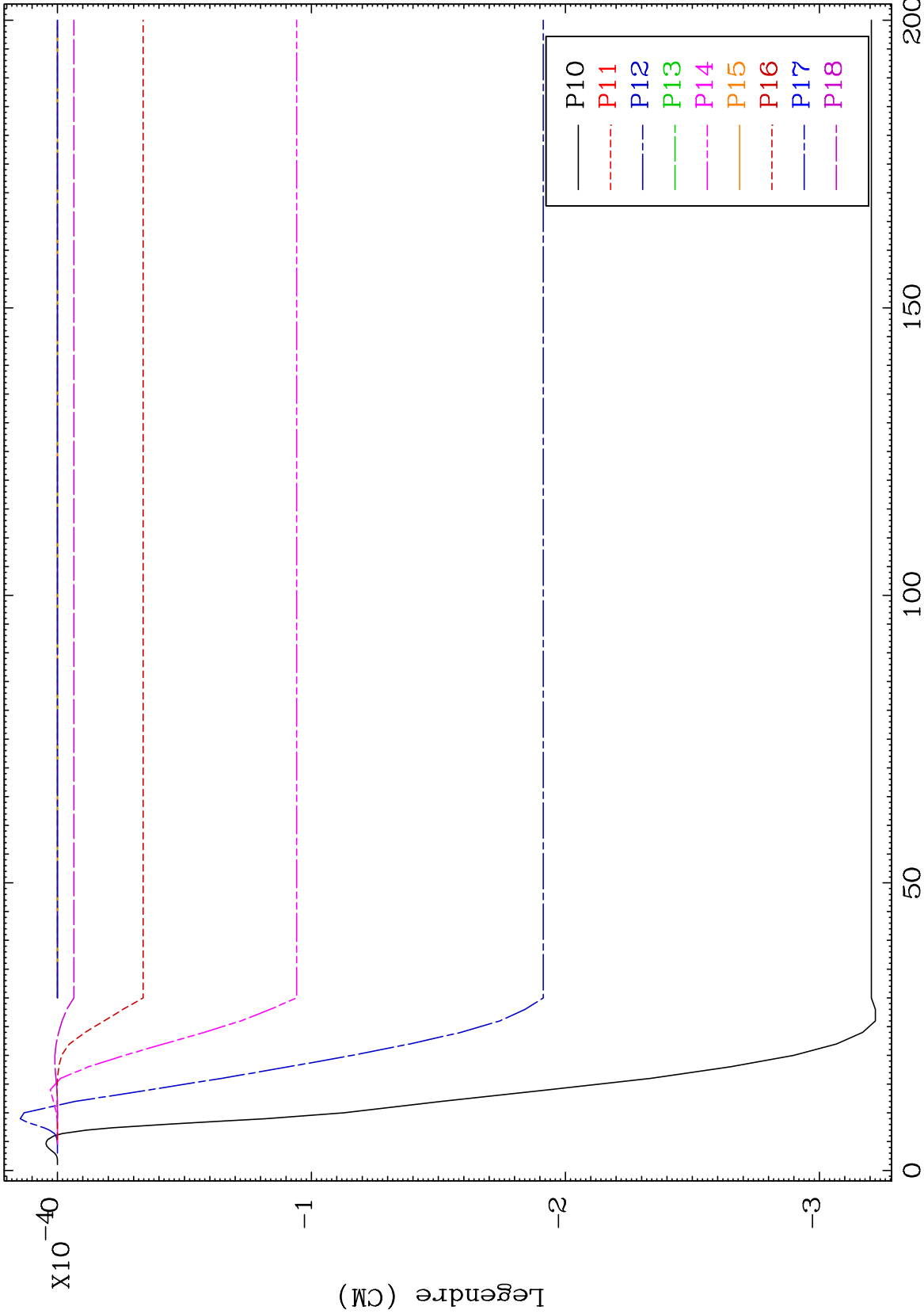
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



87

Incident Energy (MeV)

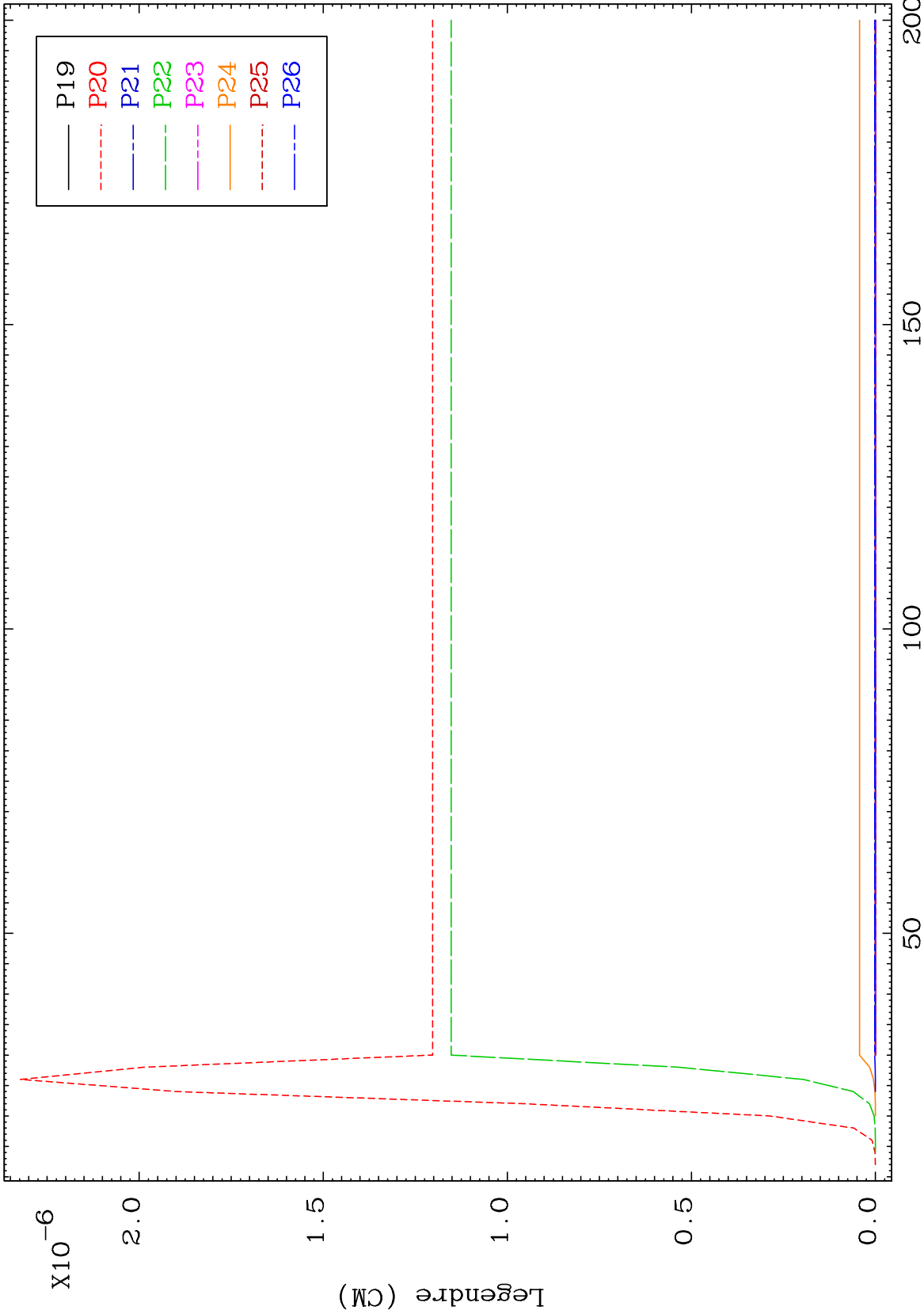
87-Fr-208



MAT 8713

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

87-Fr-208



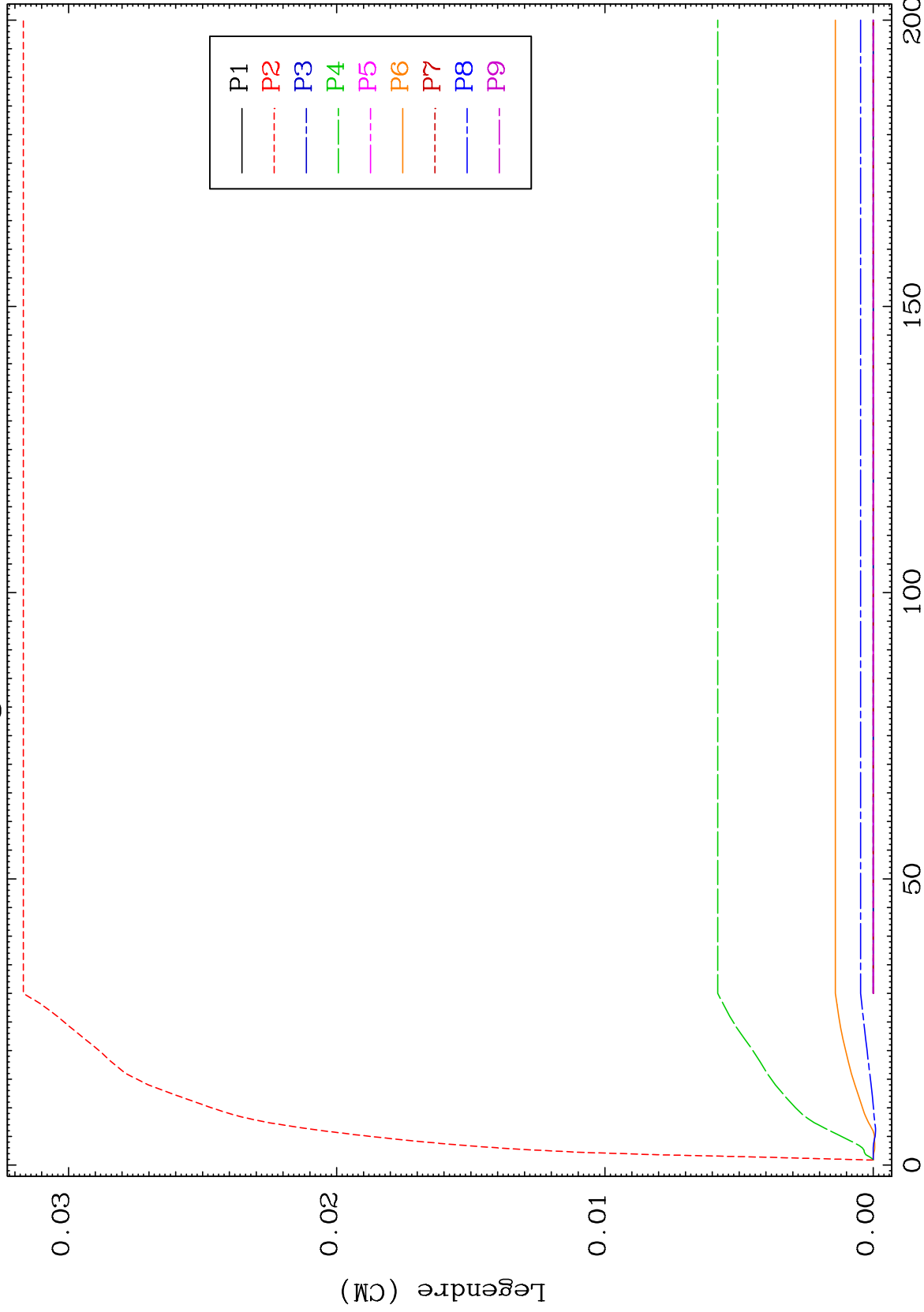
88

87-Fr-208

MAT 8713

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

87-Fr-208



89

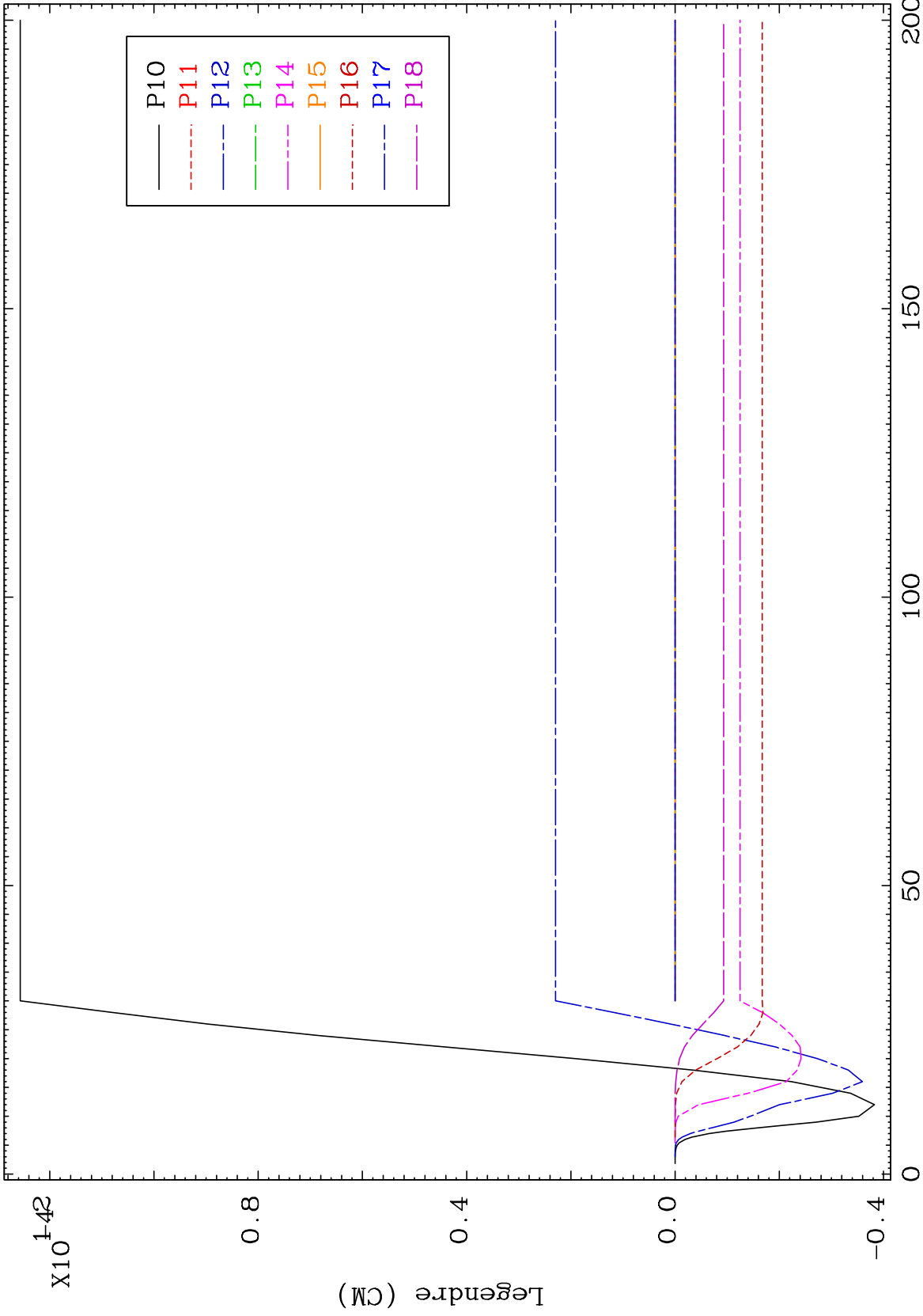
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



90

Incident Energy (MeV)

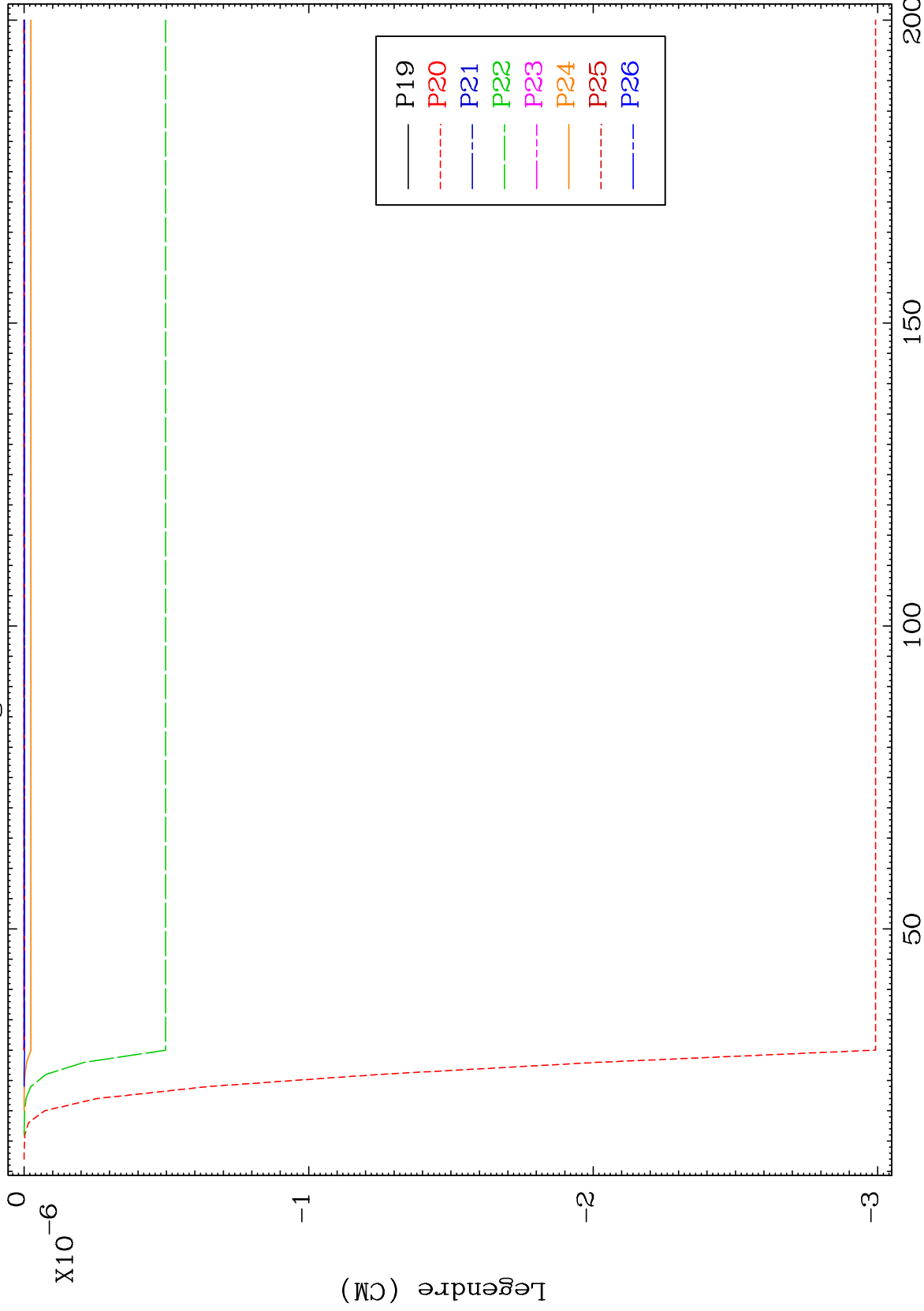
150

87-Fr-208

MAT 8713

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

87-Fr-208



91

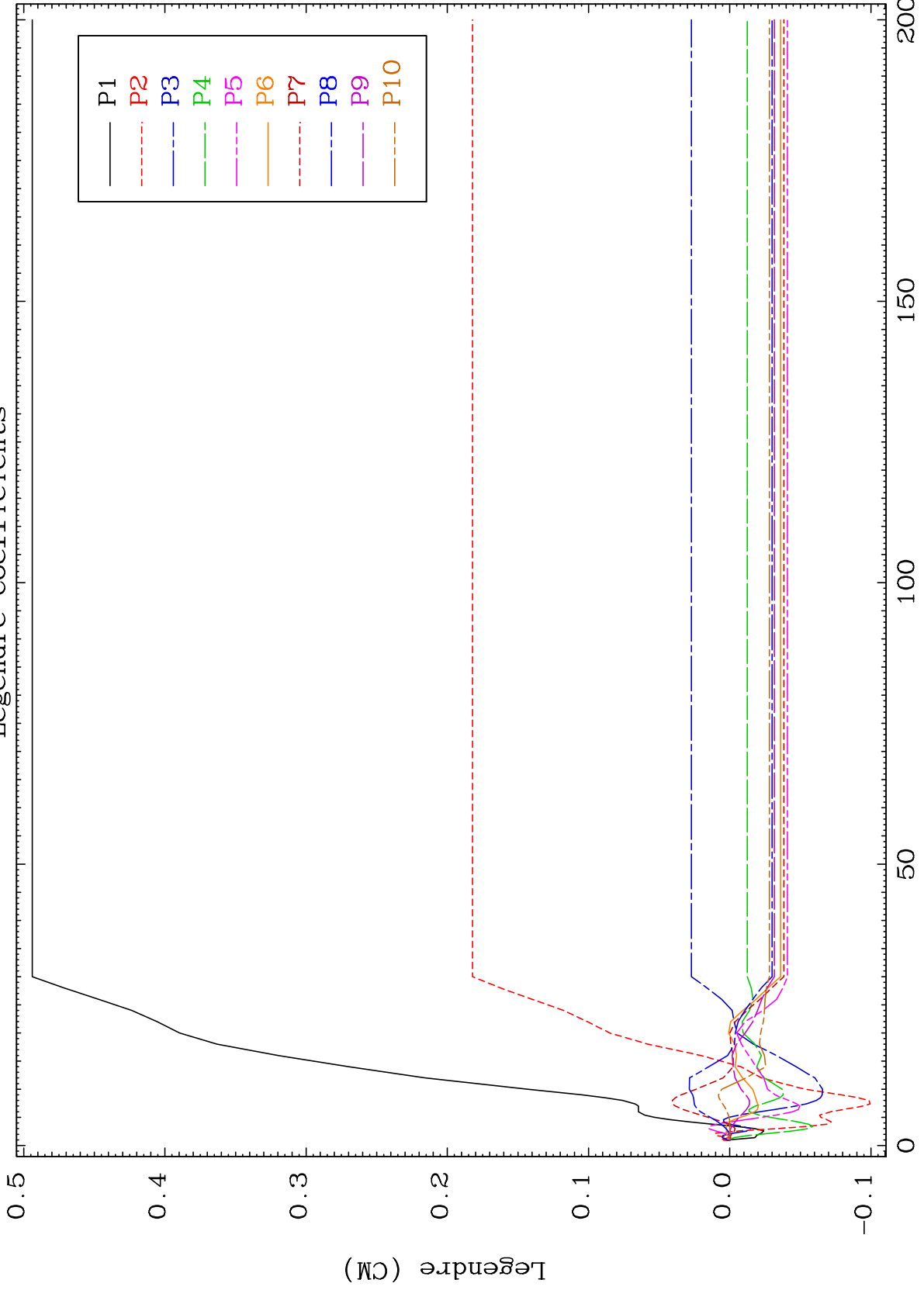
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



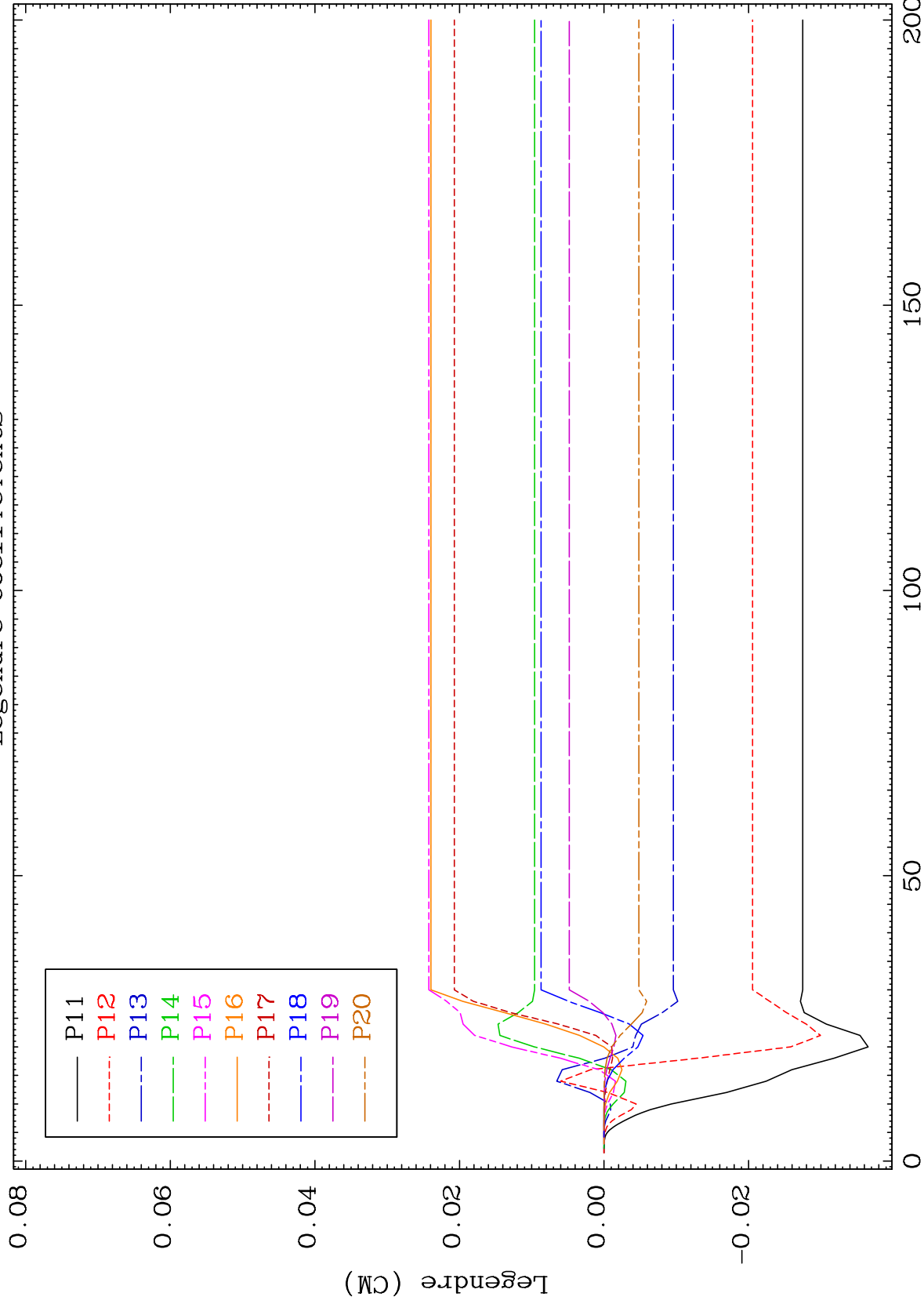
92

87-Fr-208

MAT 8713

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

87-Fr-208



93

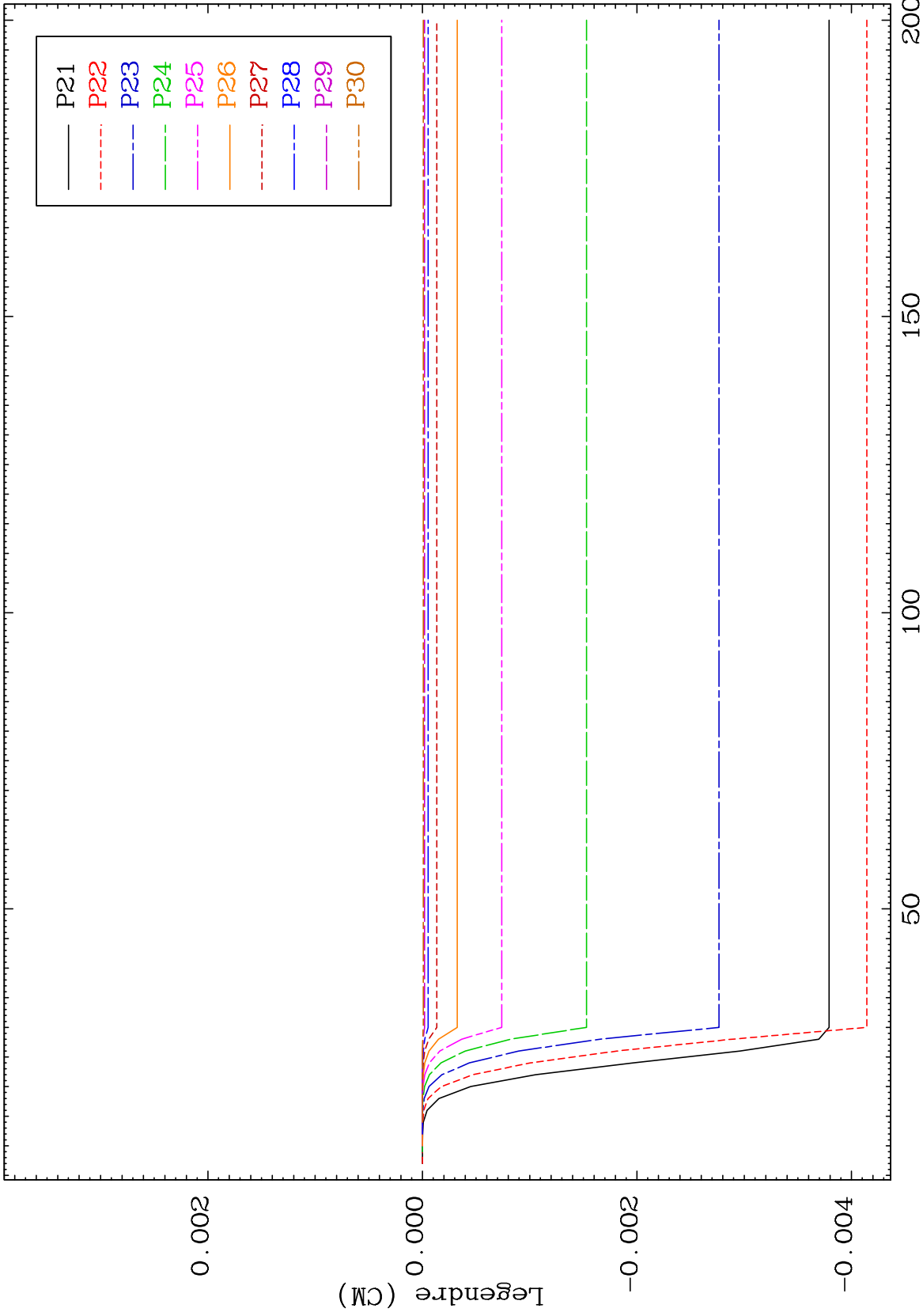
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



94

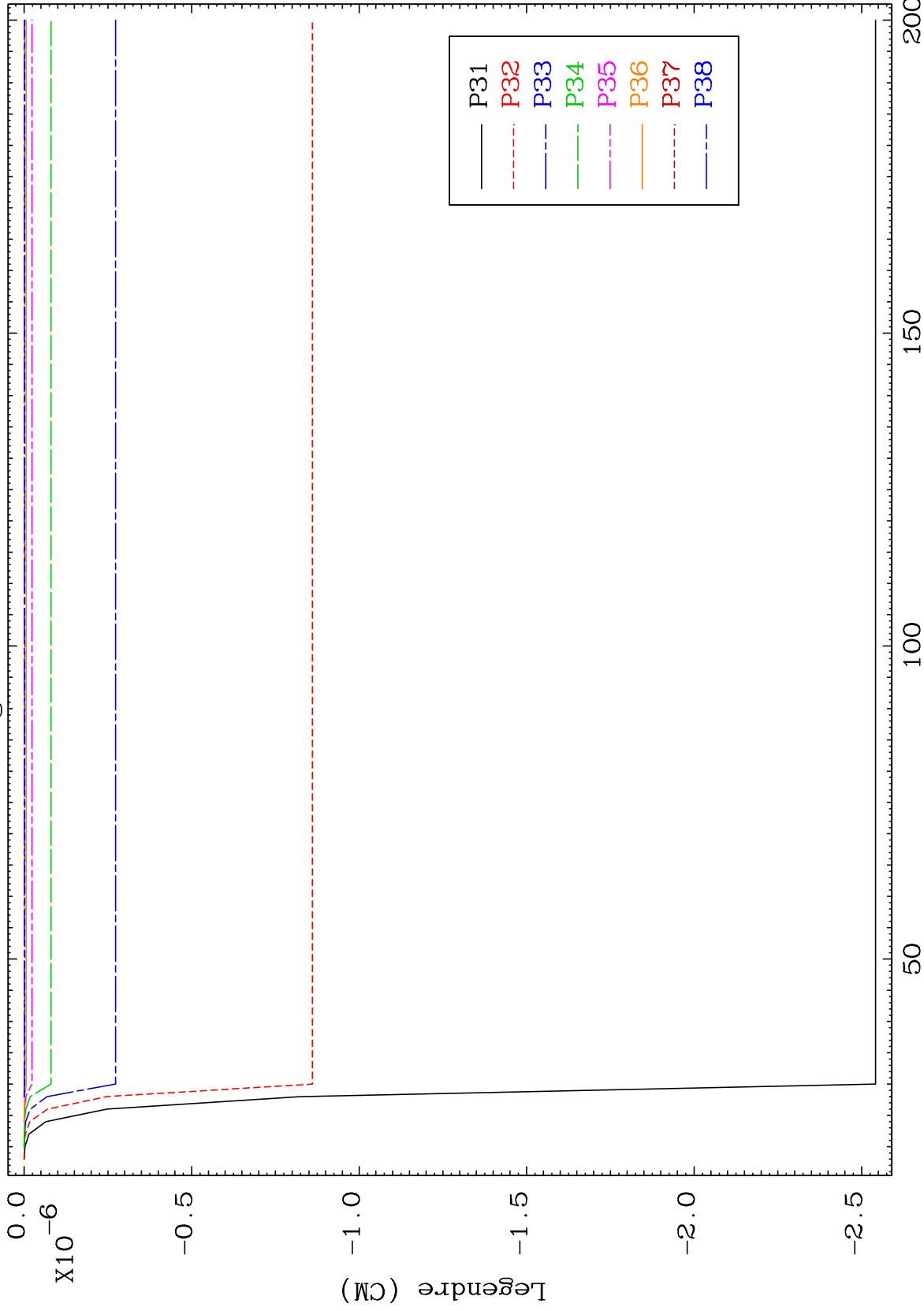
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



95

Incident Energy (MeV)

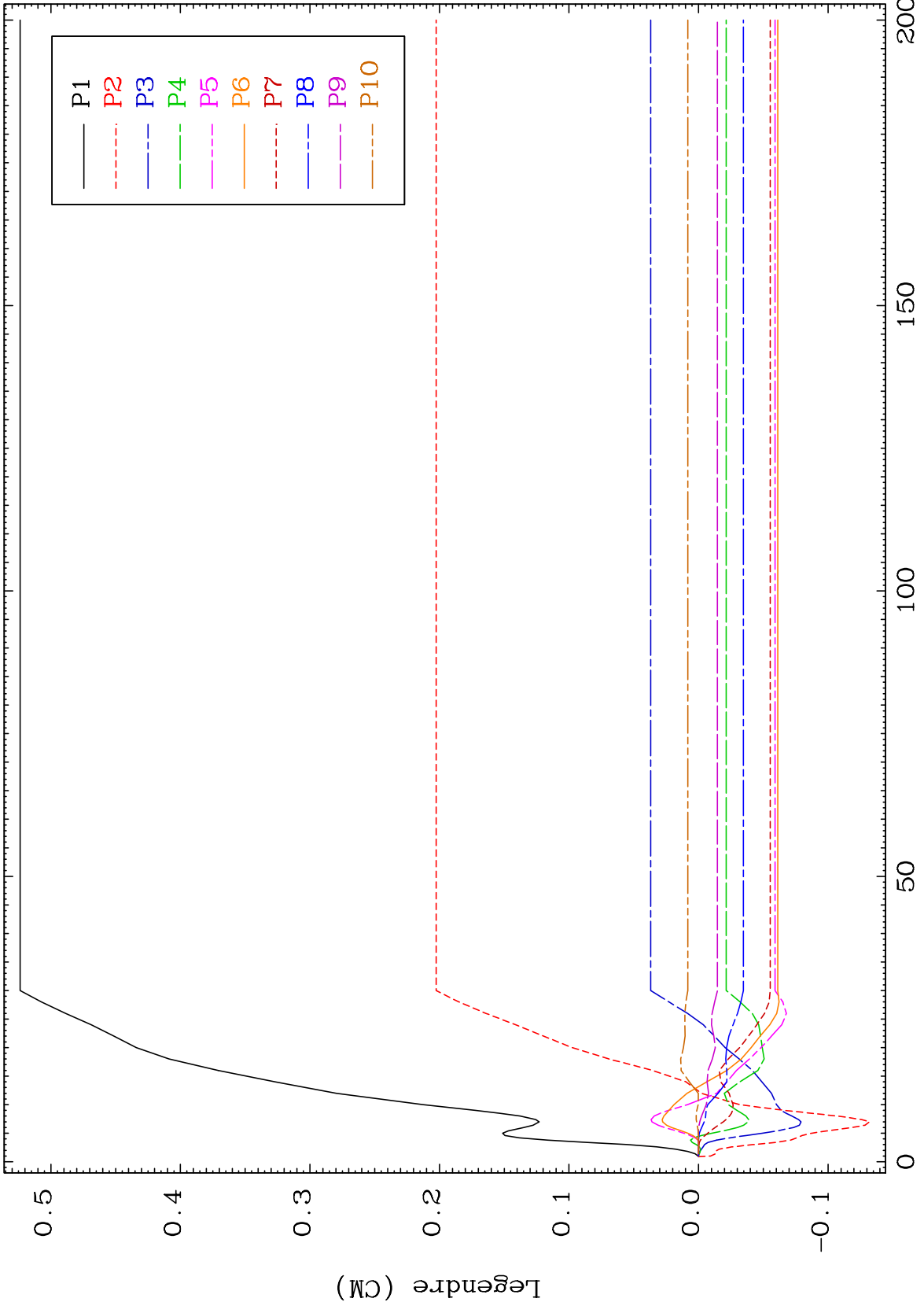
87-Fr-208



MAT 8713

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

87-Fr-208



96

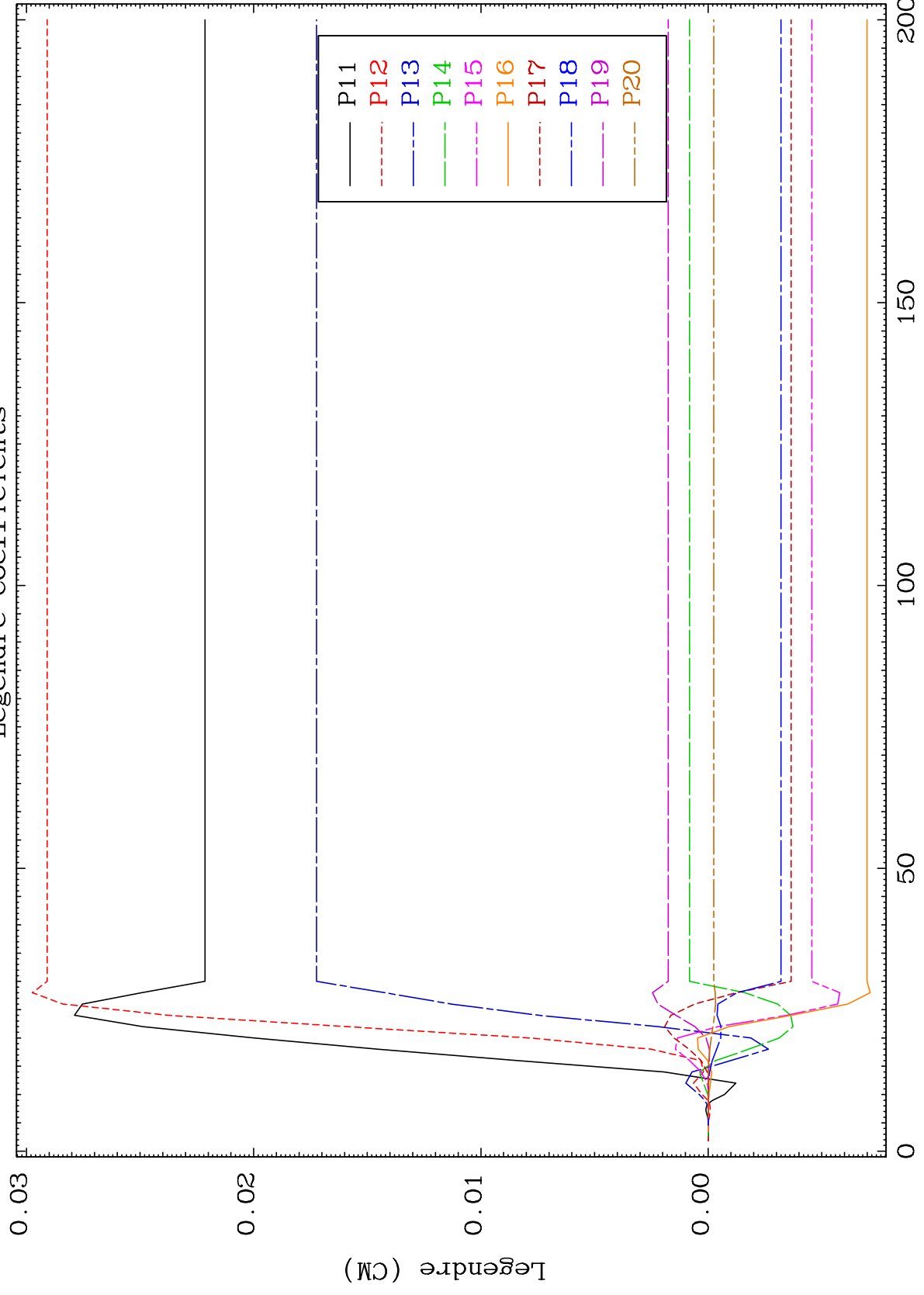
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



97

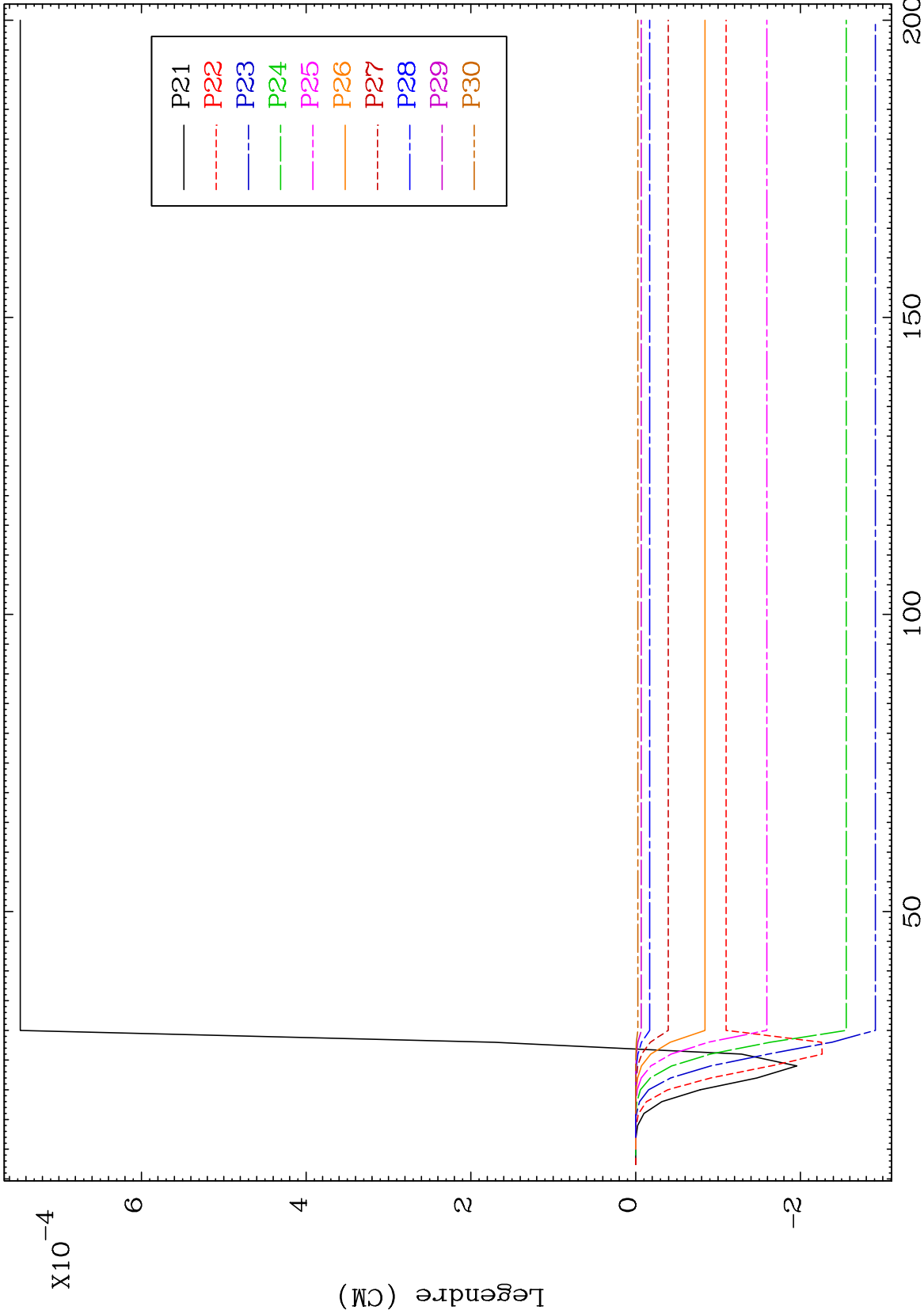
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



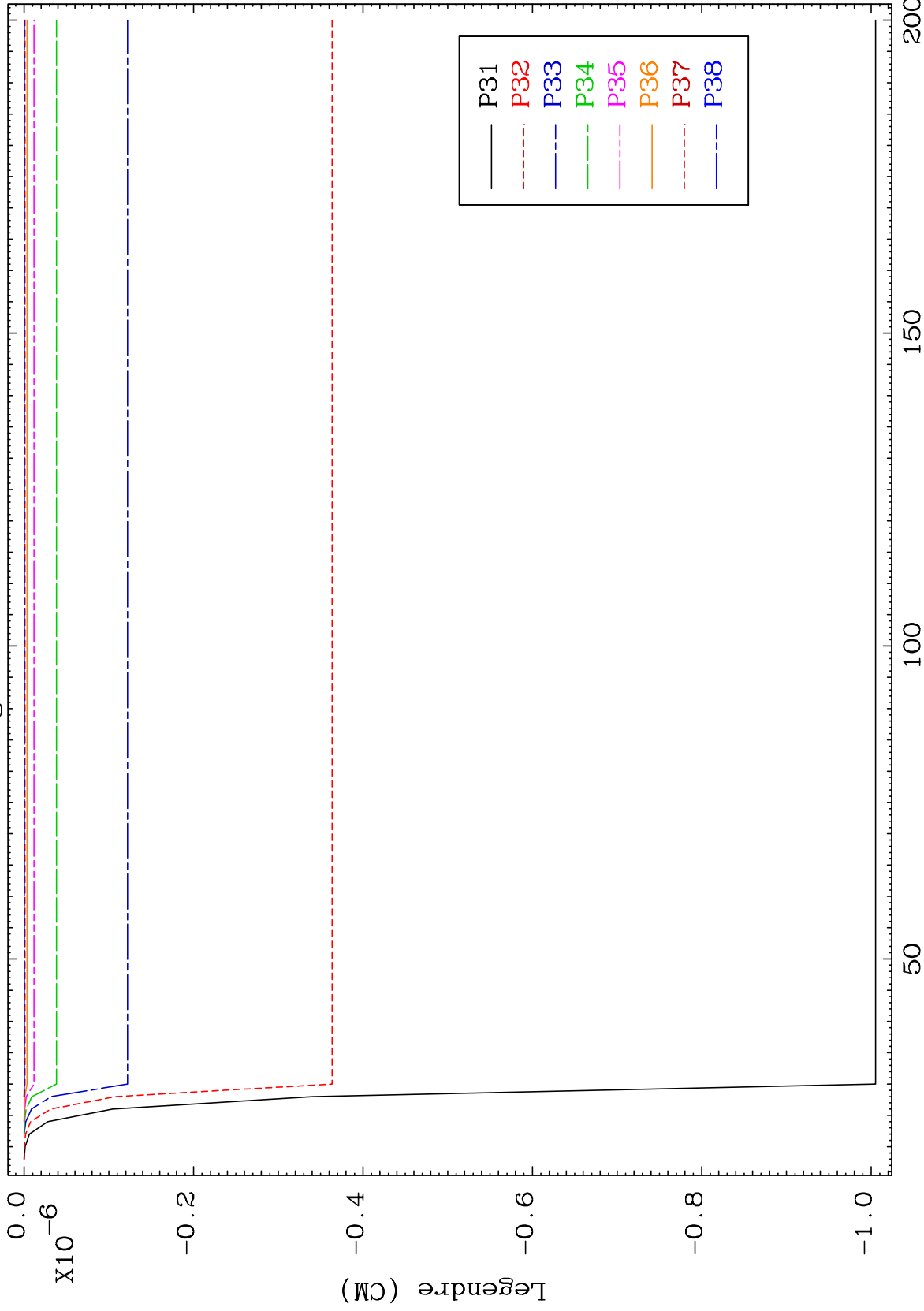
98

87-Fr-208

MAT 8713

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

87-Fr-208



99

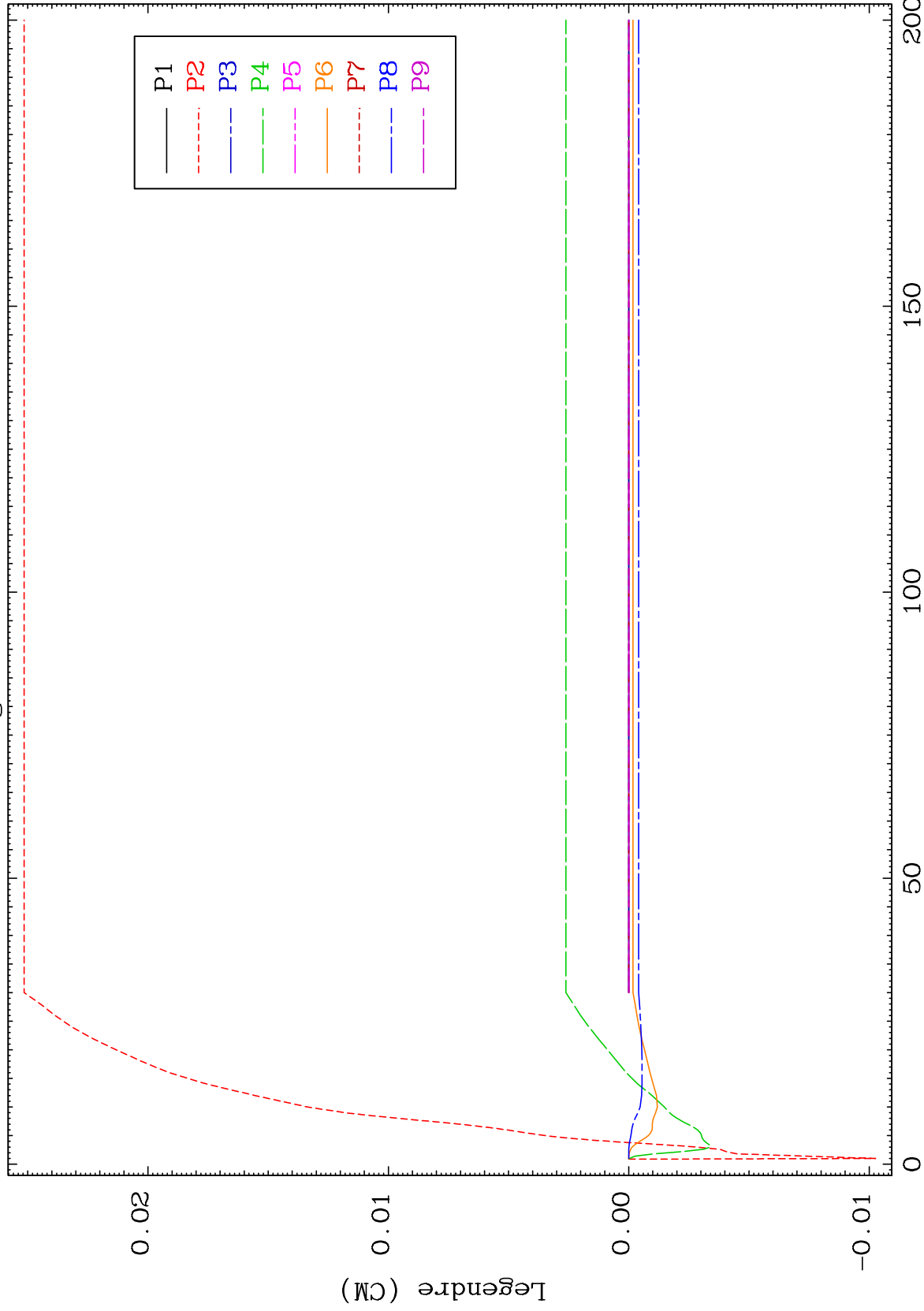
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



87-Fr-208

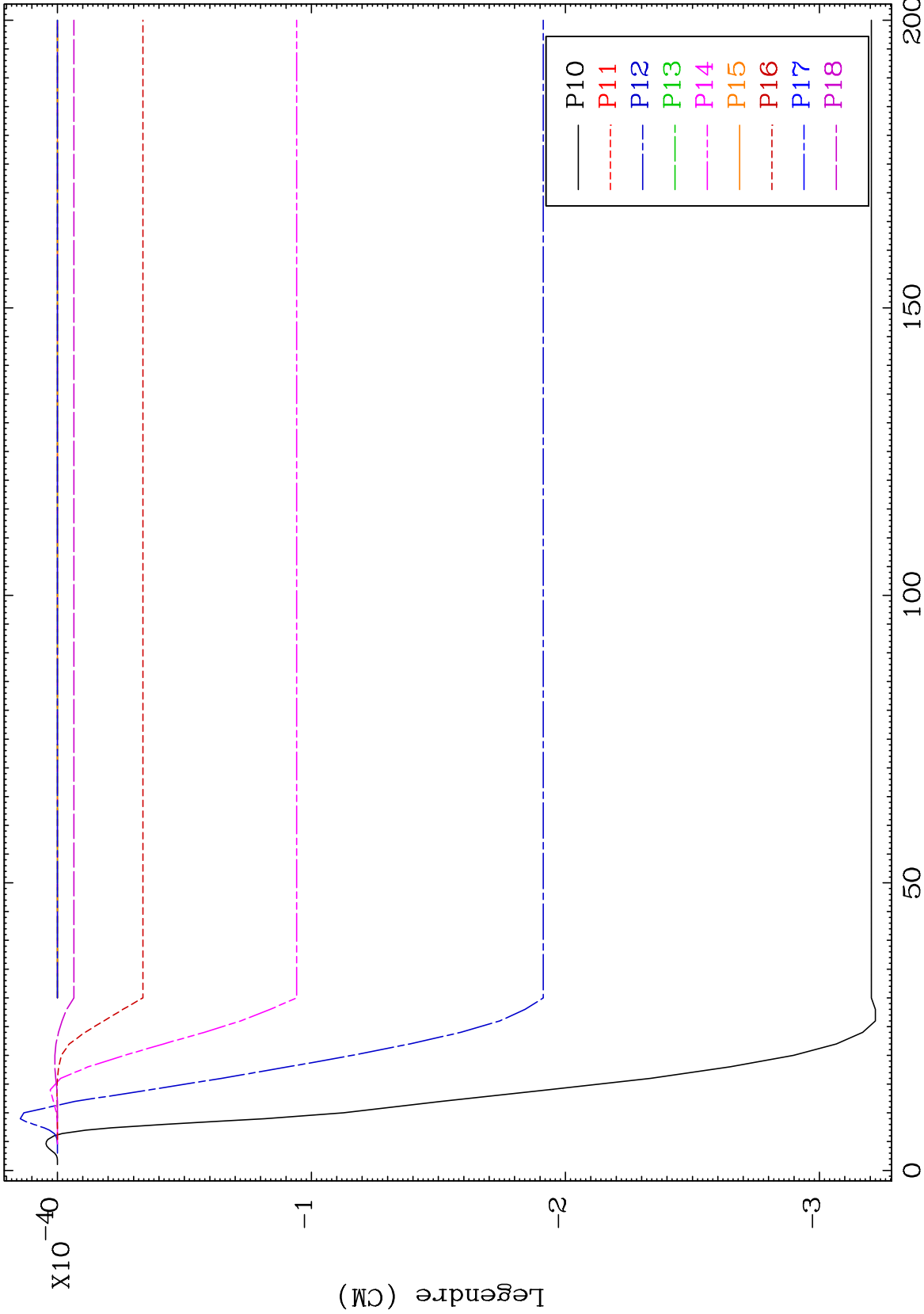
Incident Energy (MeV)

Legendre (CM)

MAT 8713

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

87-Fr-208



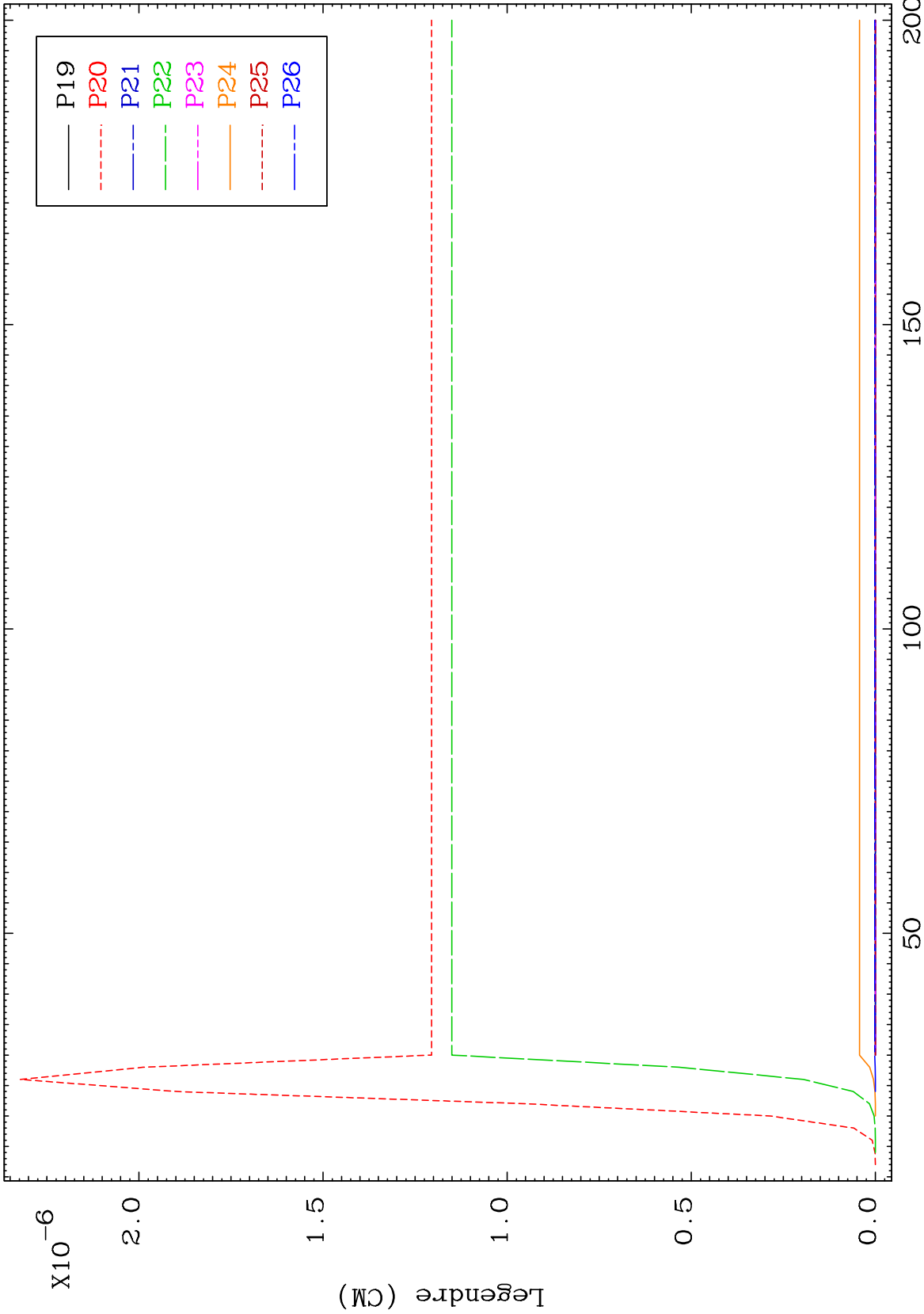
101

87-Fr-208

MAT 8713

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

87-Fr-208



102

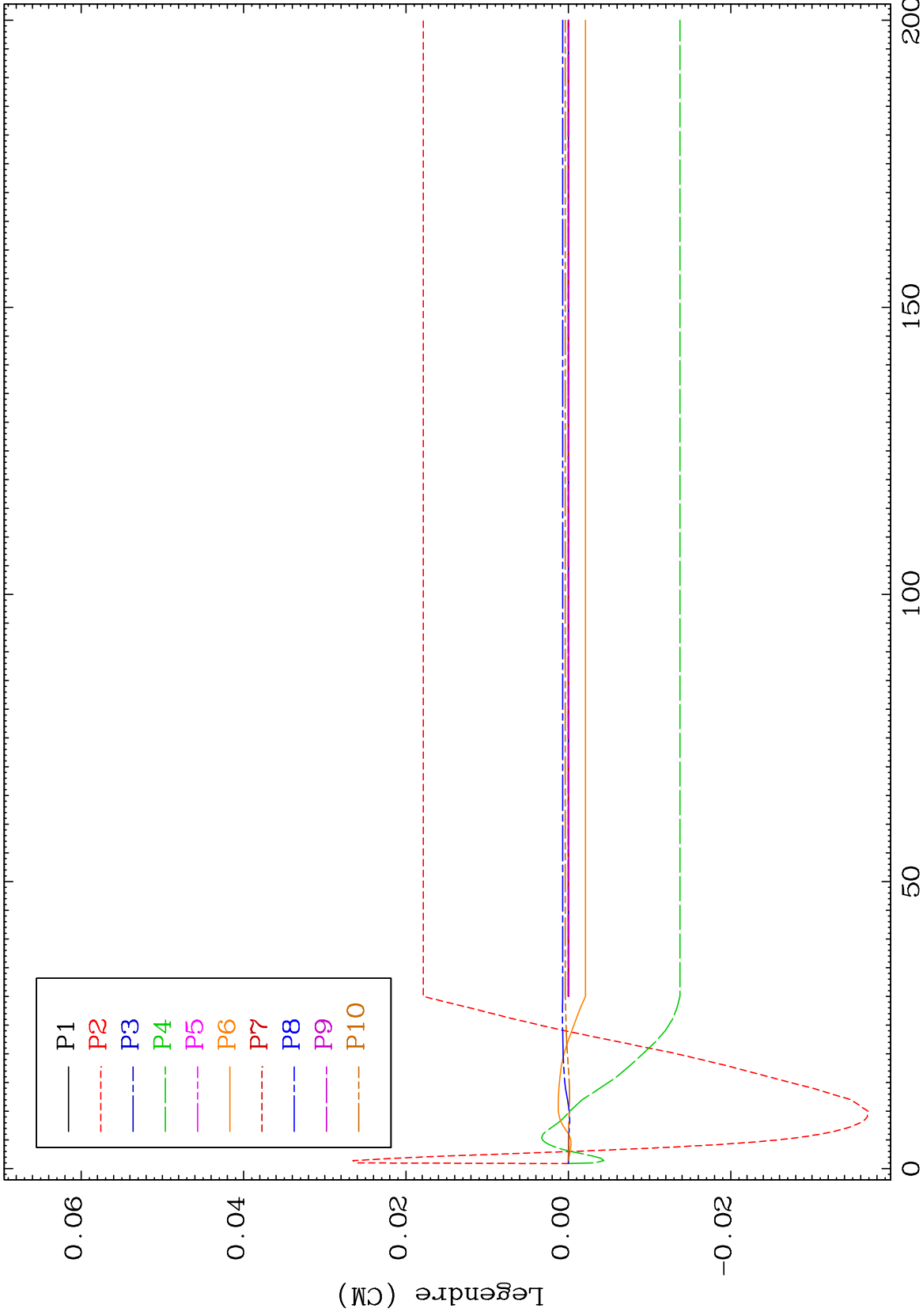
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



103

Incident Energy (MeV)

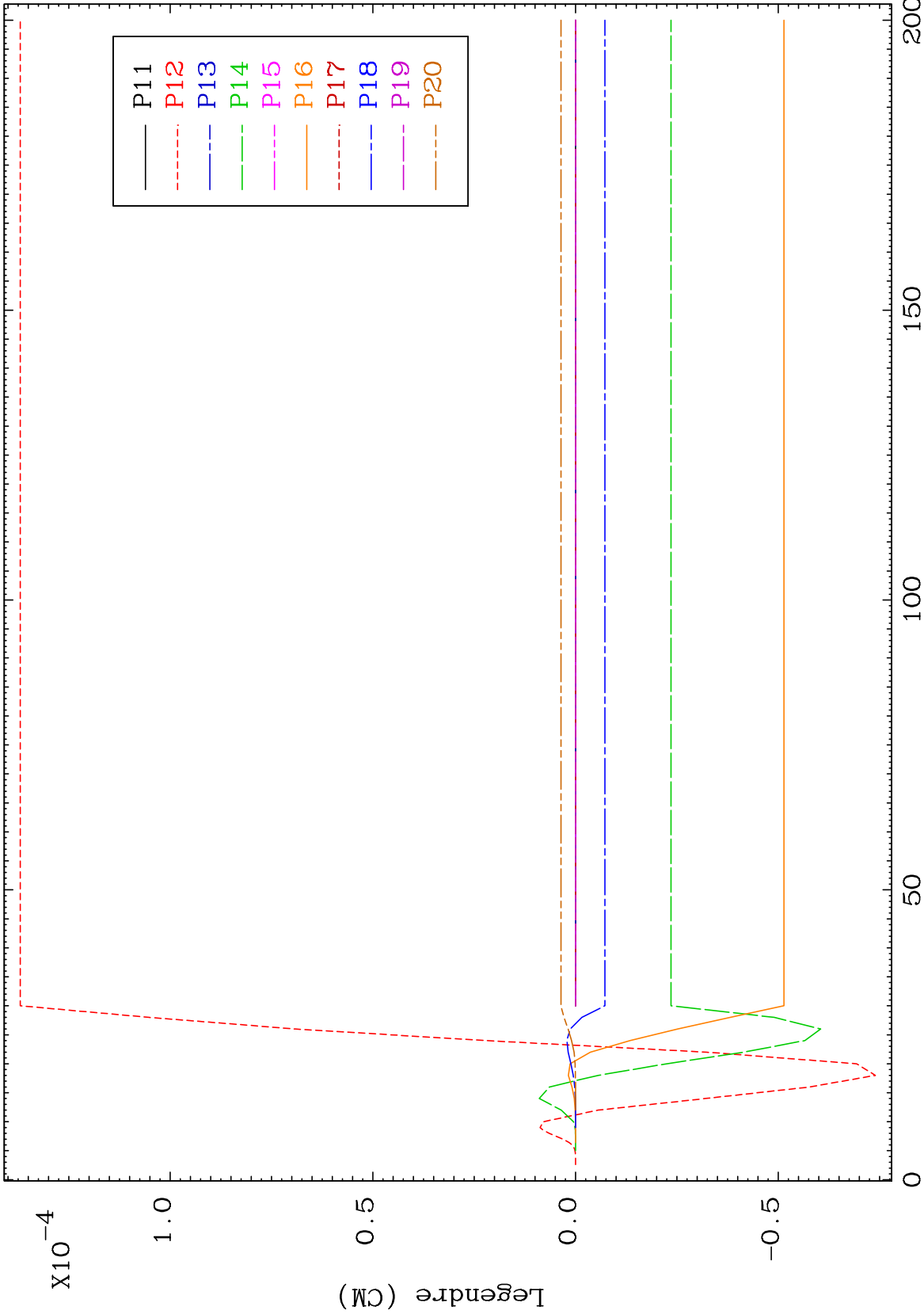
87-Fr-208



MAT 8713

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

87-Fr-208



104

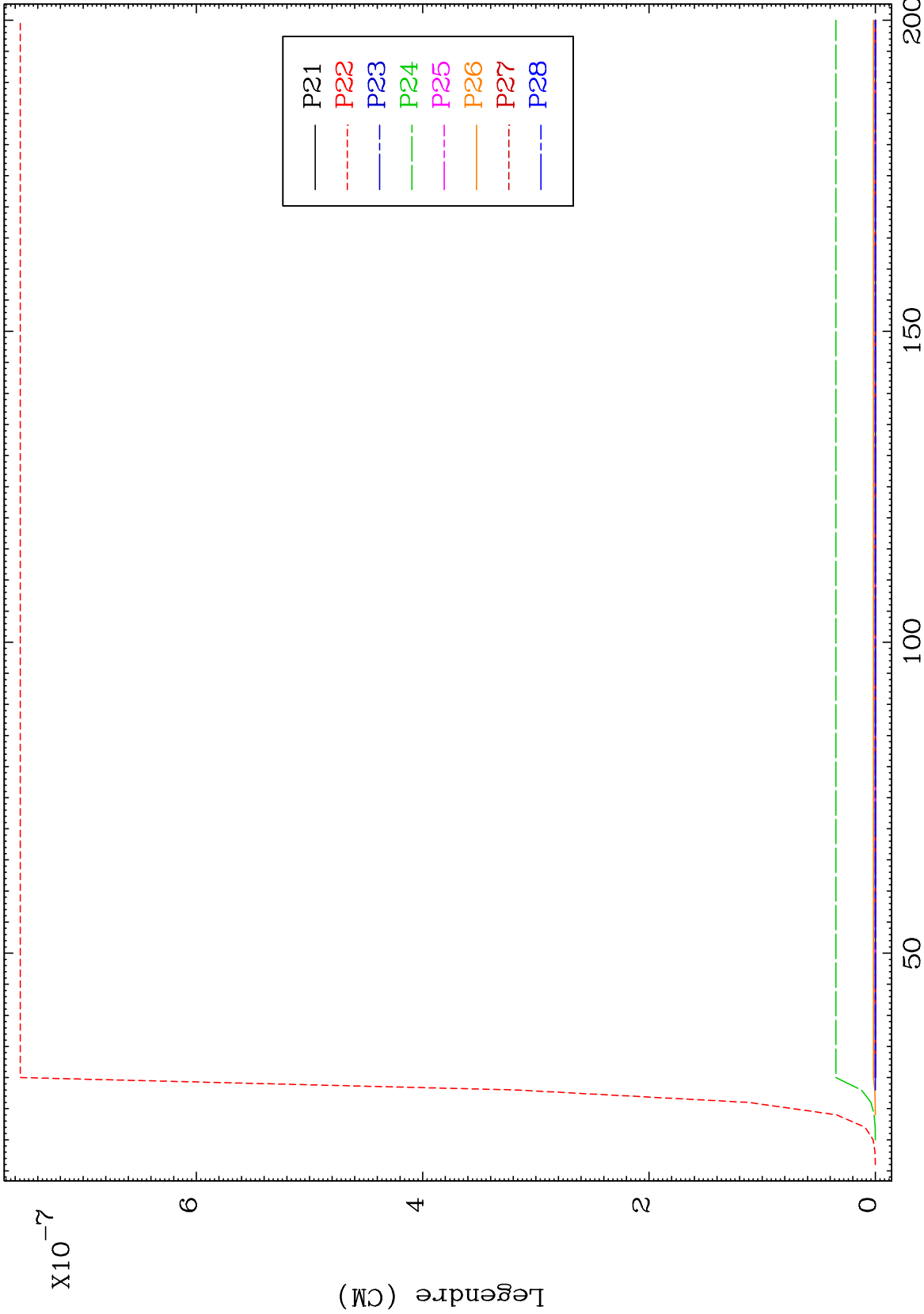
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



105

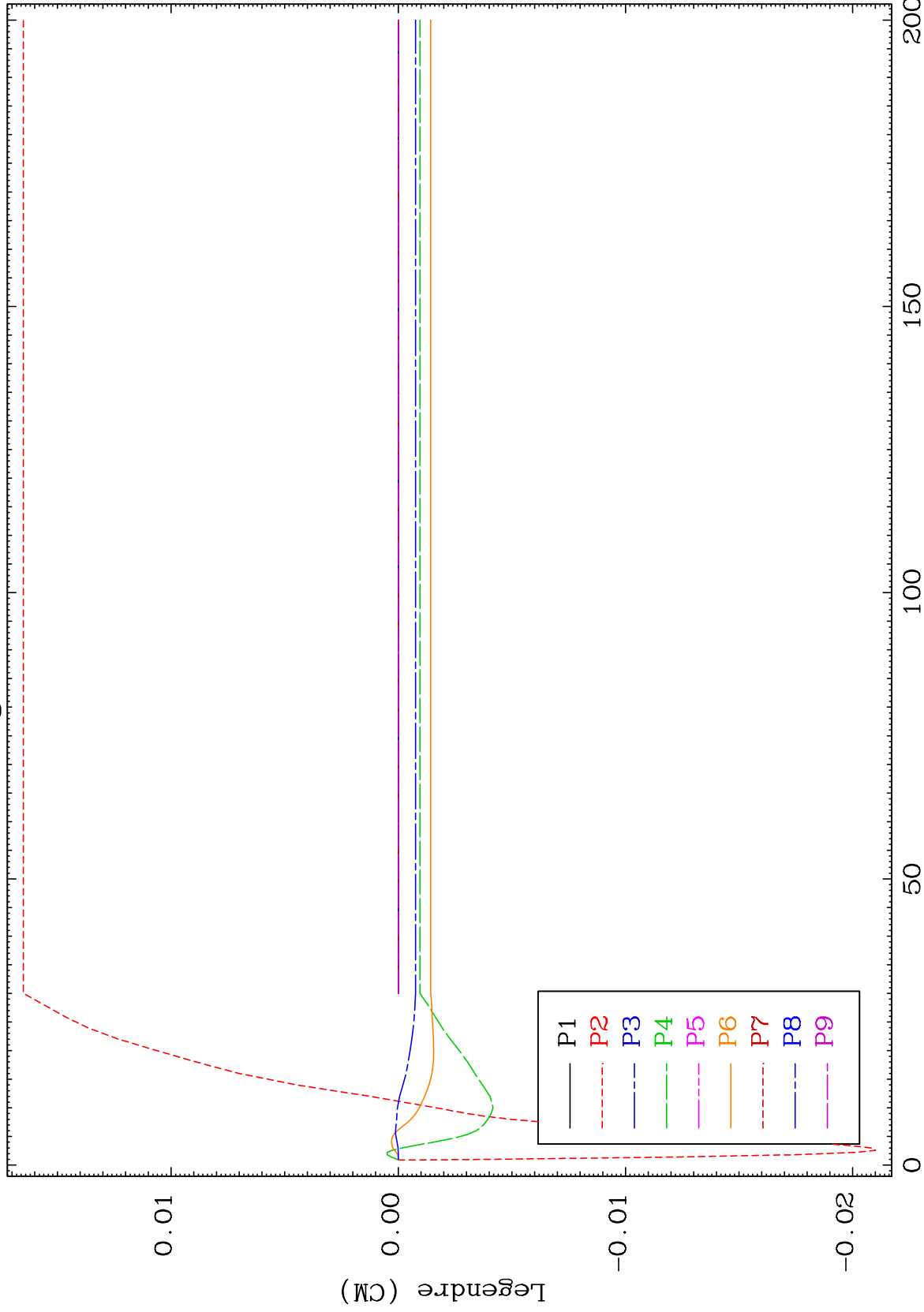
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



87-Fr-208

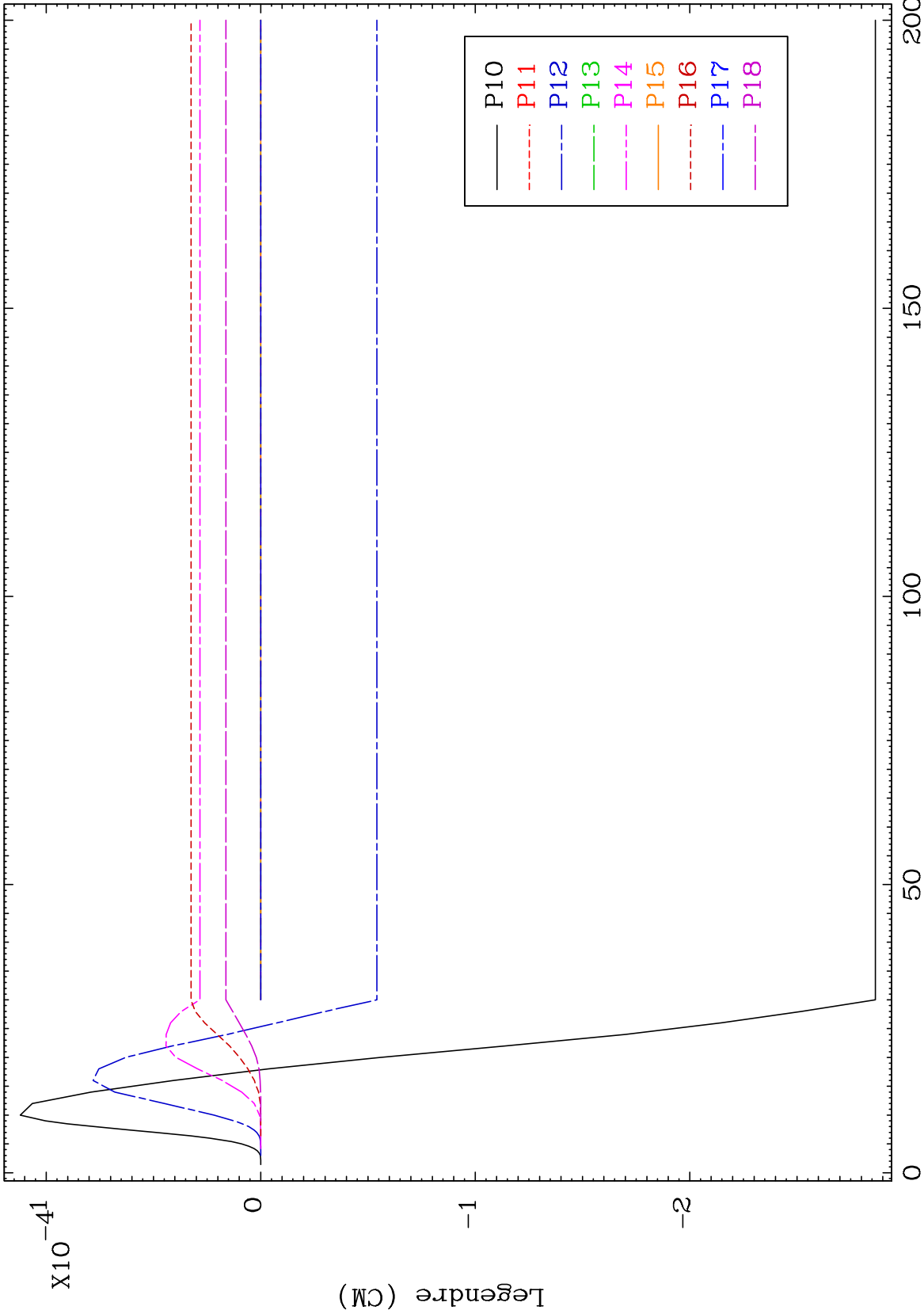
Incident Energy (MeV)

106

MAT 8713

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

87-Fr-208



107

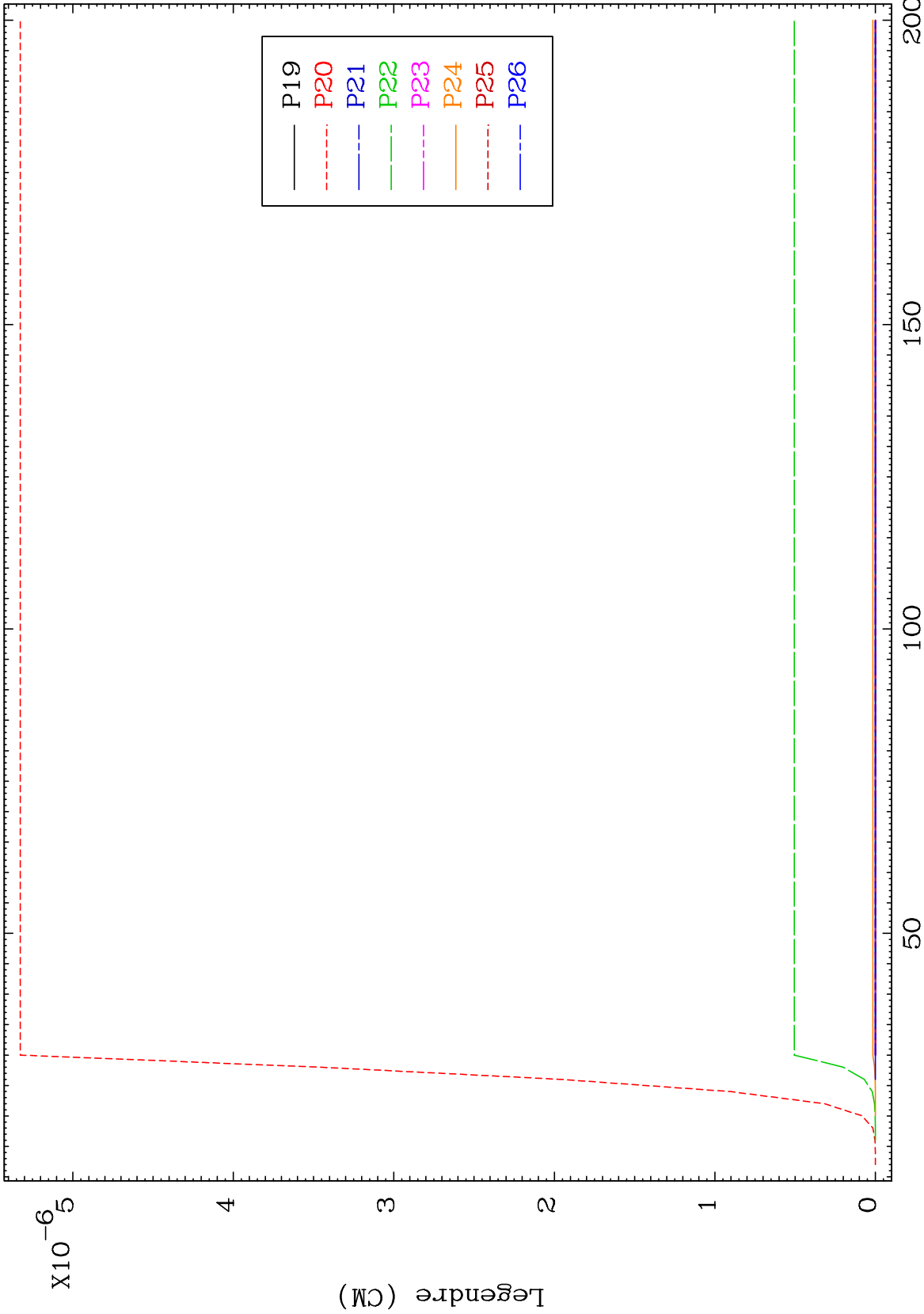
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



108

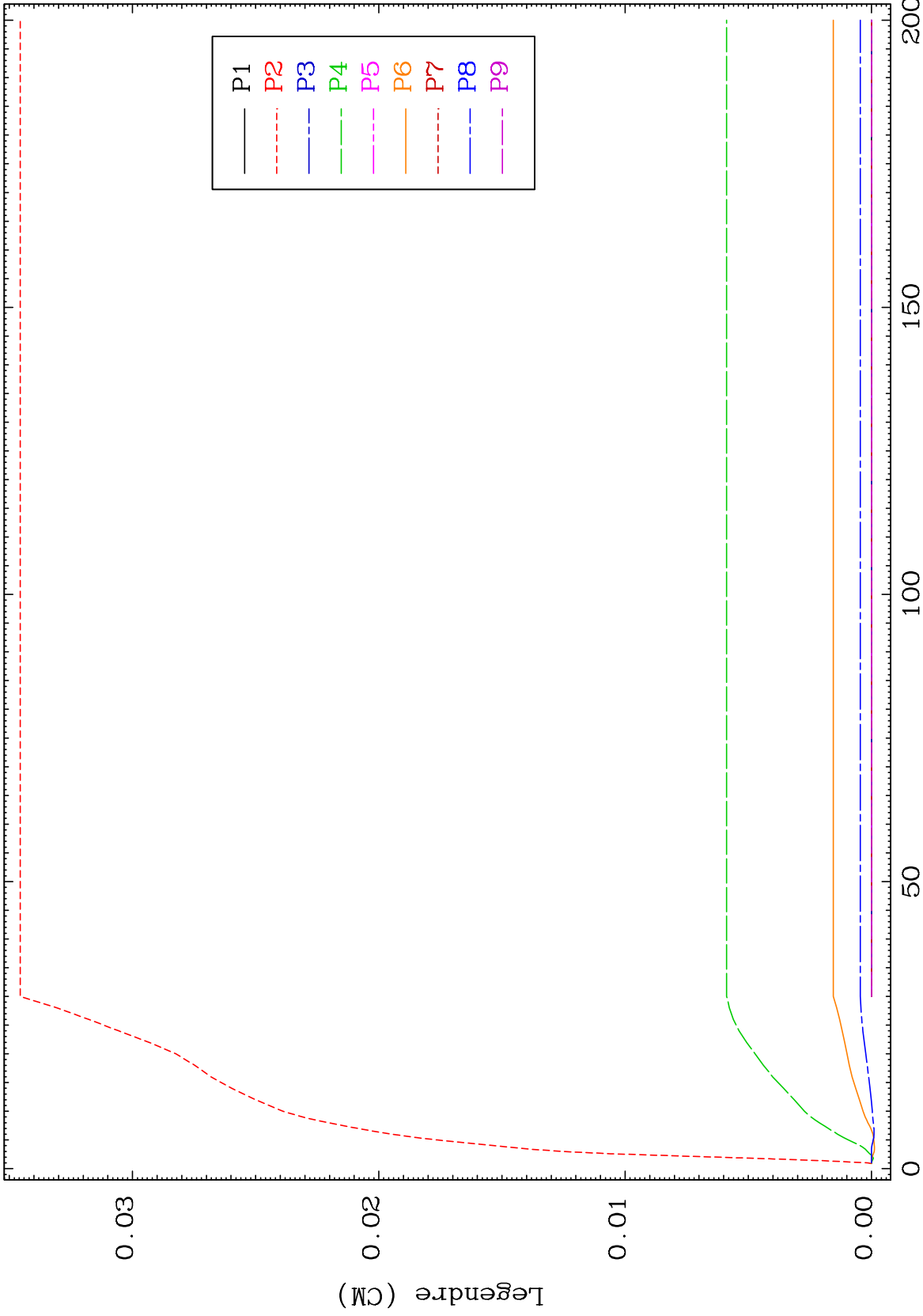
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



109

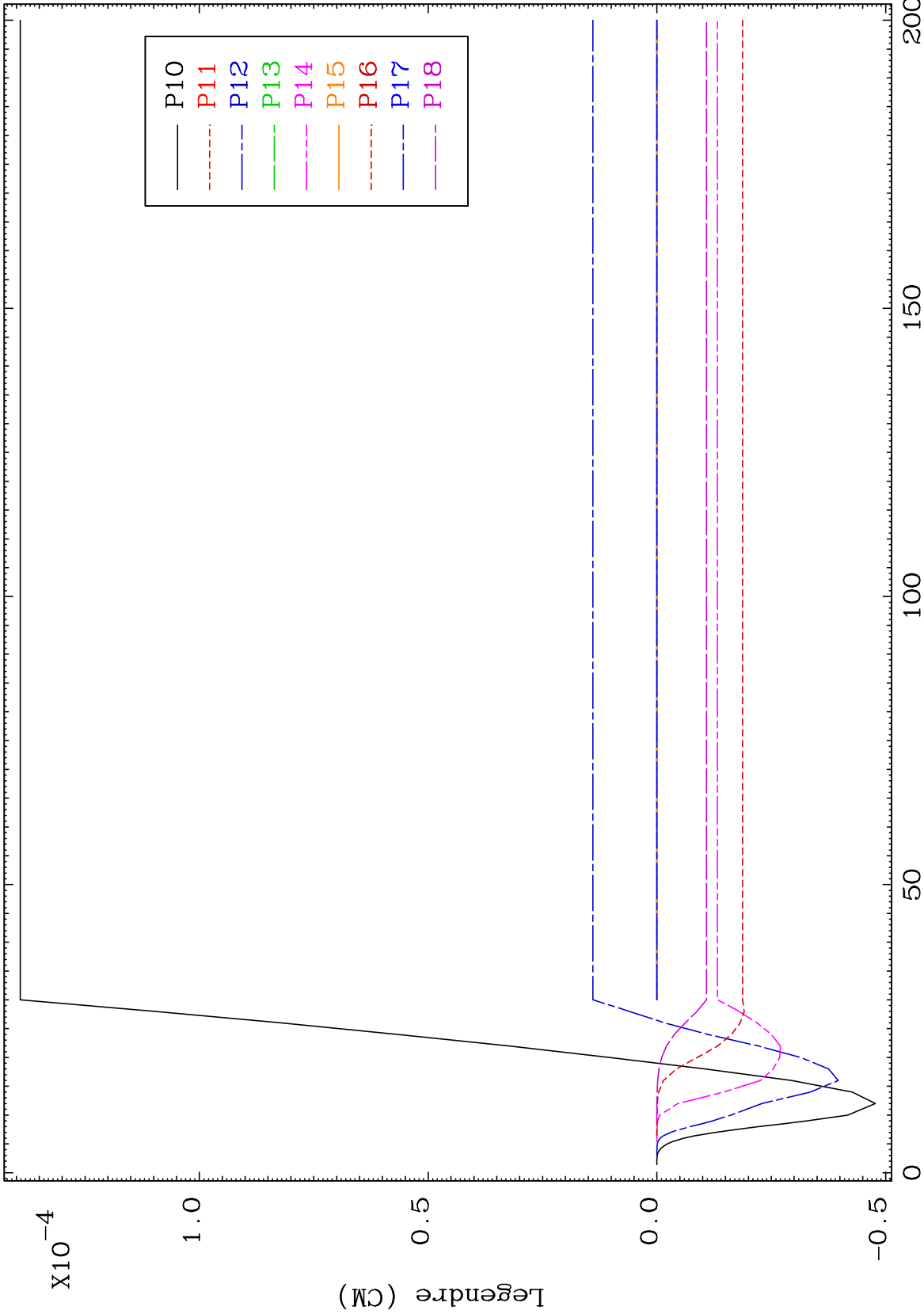
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



110

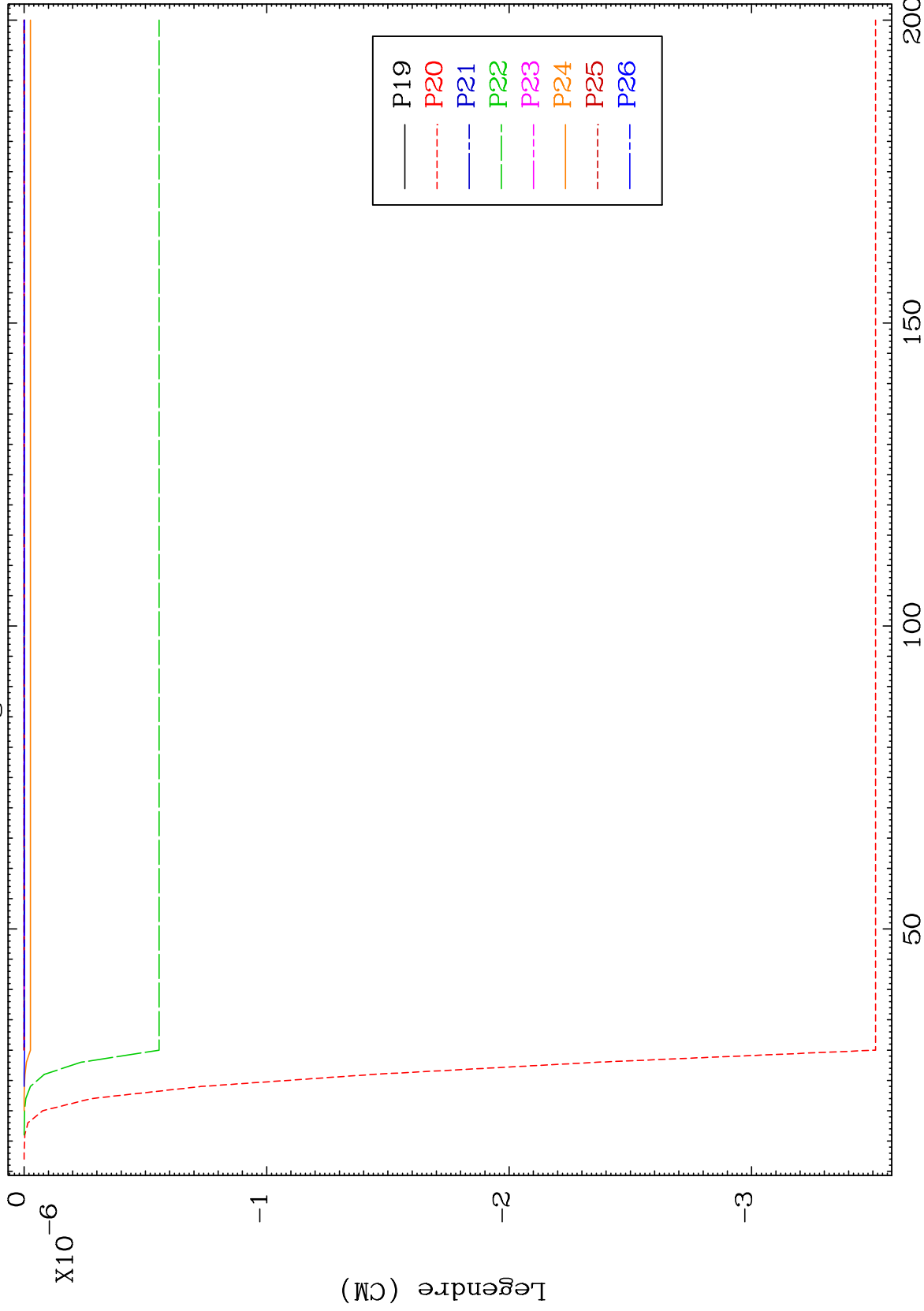
Incident Energy (MeV)

87-Fr-208

MAT 8713

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

87-Fr-208



111

Incident Energy (MeV)

87-Fr-208

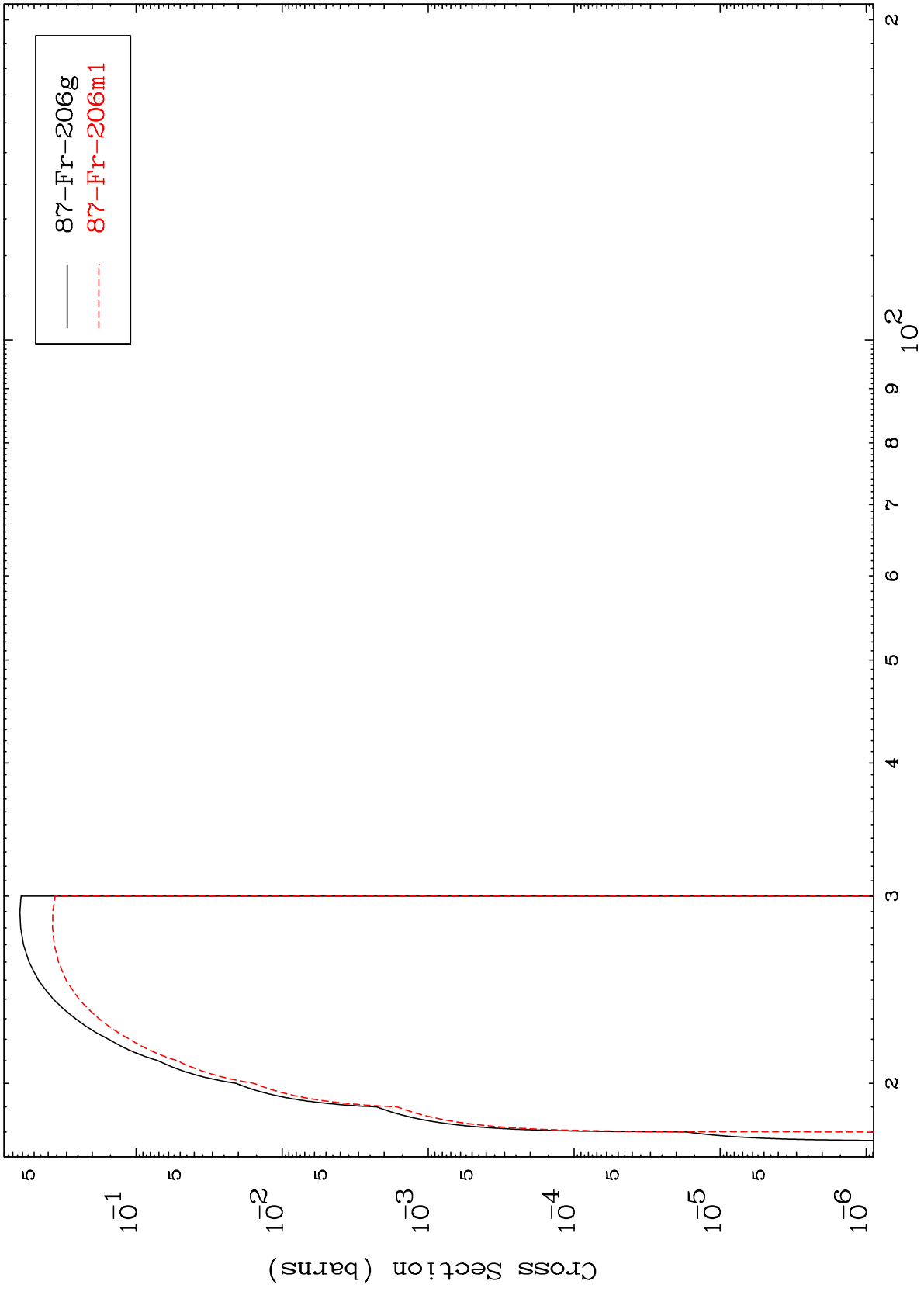


MAT 8713

(n,3n)

87-Fr-208

Radionuclide Production Cross Section



87-Fr-206g  
87-Fr-206m1

112

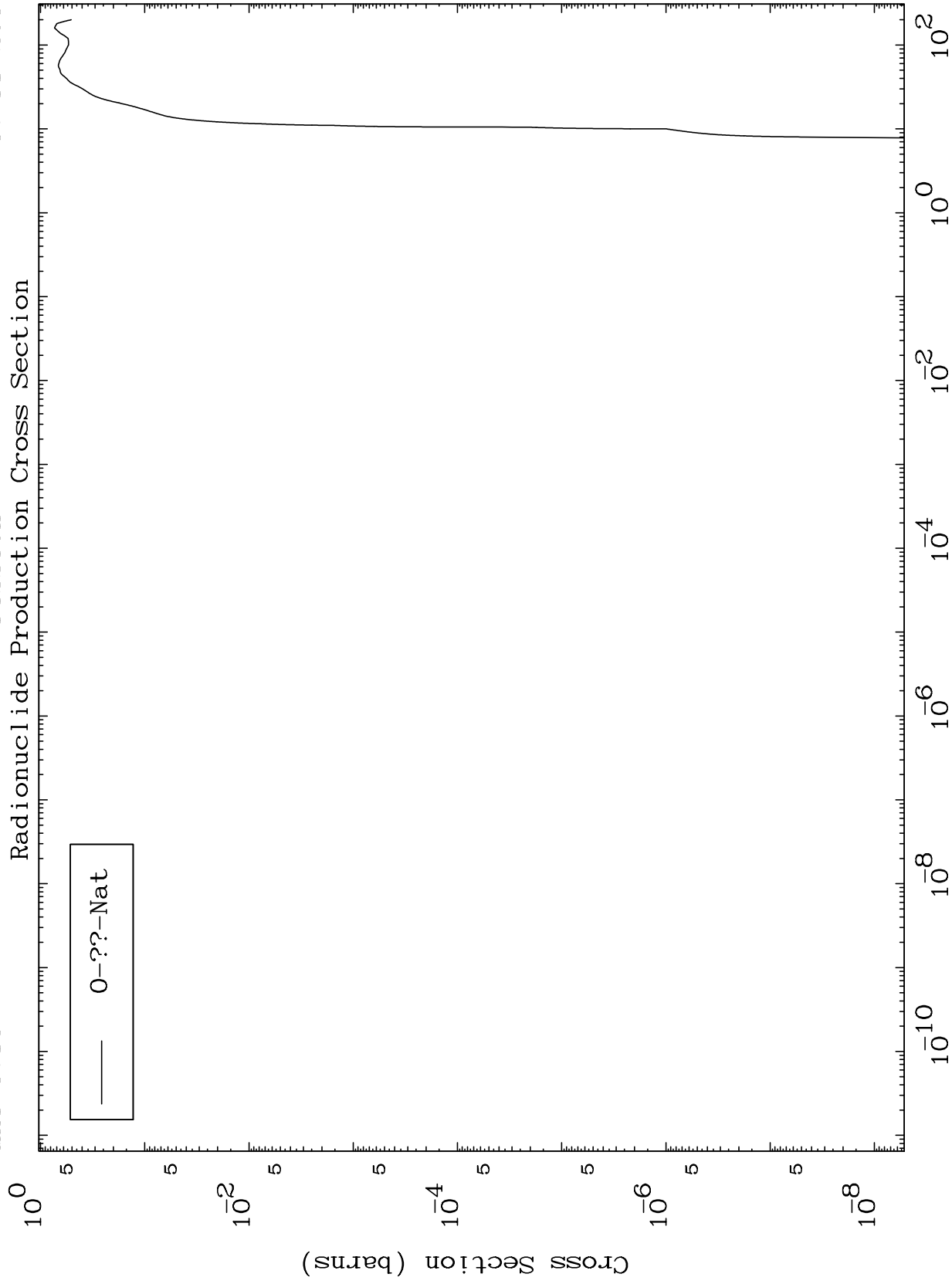
Incident Energy (MeV)

87-Fr-208

MAT 8713

Fission

87-Fr-208



113

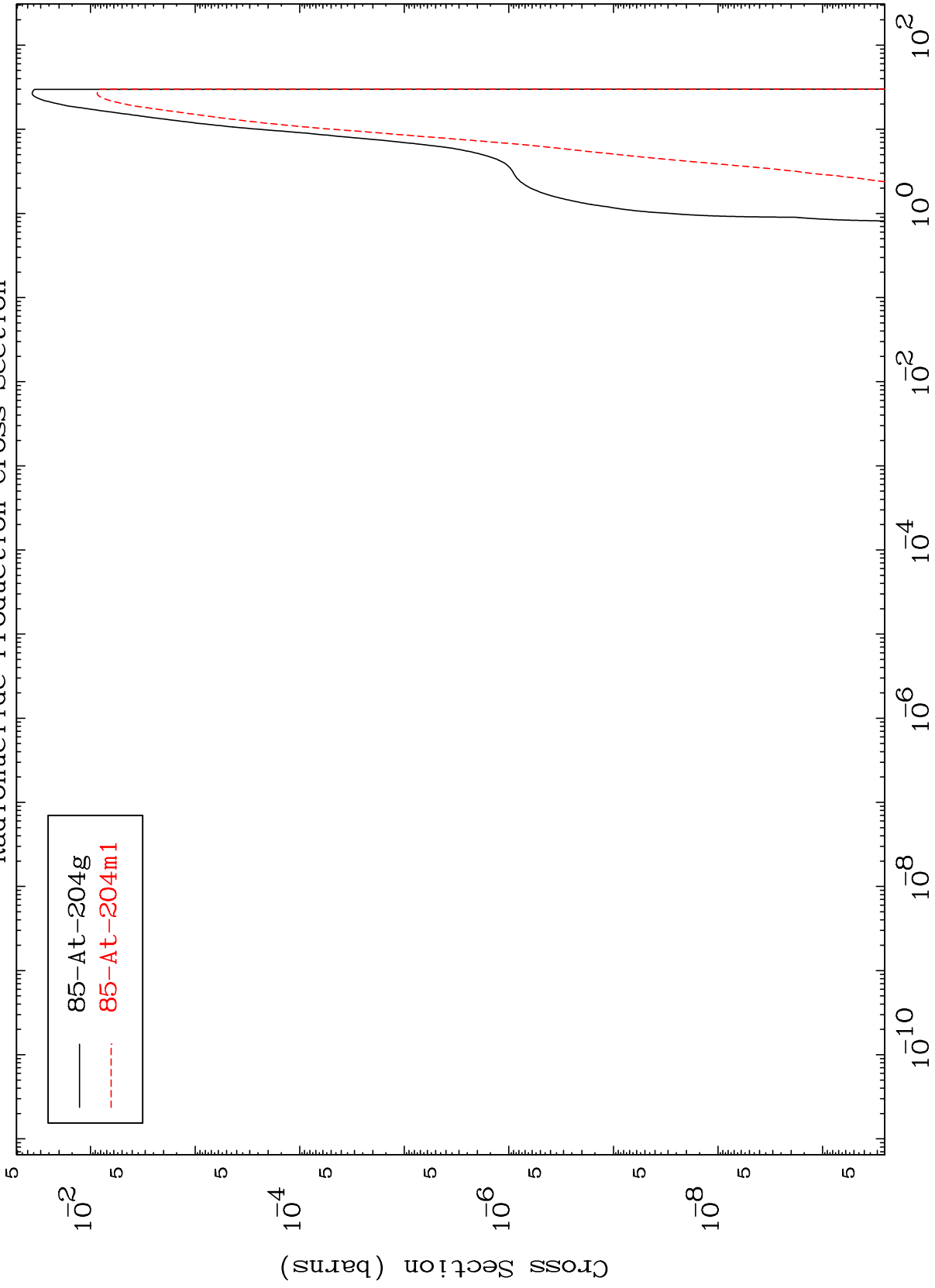
87-Fr-208

MAT 8713

(n,n')  $\alpha$

87-Fr-208

Radionuclide Production Cross Section



114

Incident Energy (MeV)

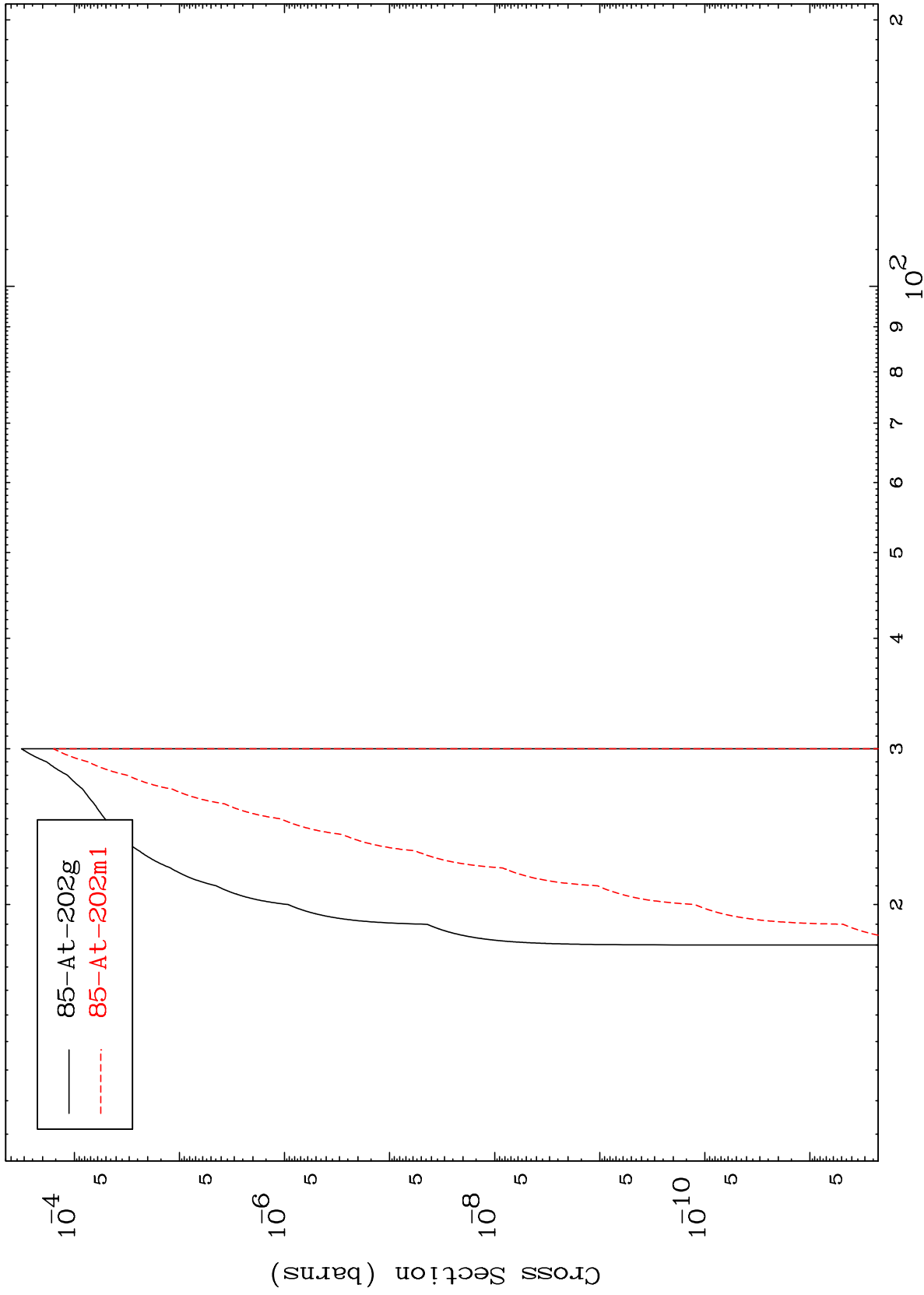
87-Fr-208

MAT 8713

(n,3n)  $\alpha$

87-Fr-208

Radionuclide Production Cross Section



115

Incident Energy (MeV)

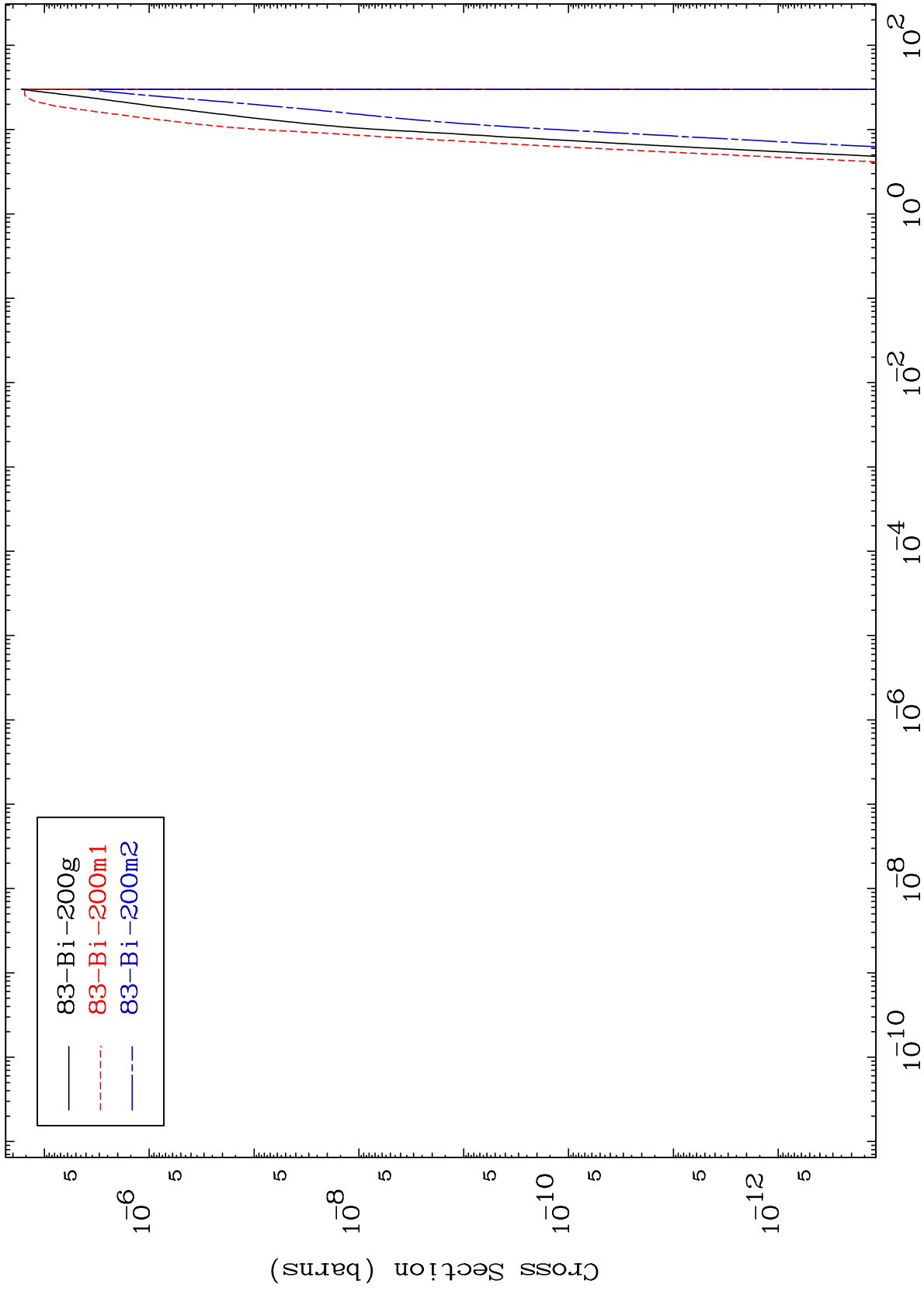
87-Fr-208

MAT 8713

(n,n') 2 $\alpha$

87-Fr-208

Radionuclide Production Cross Section



116

Incident Energy (MeV)

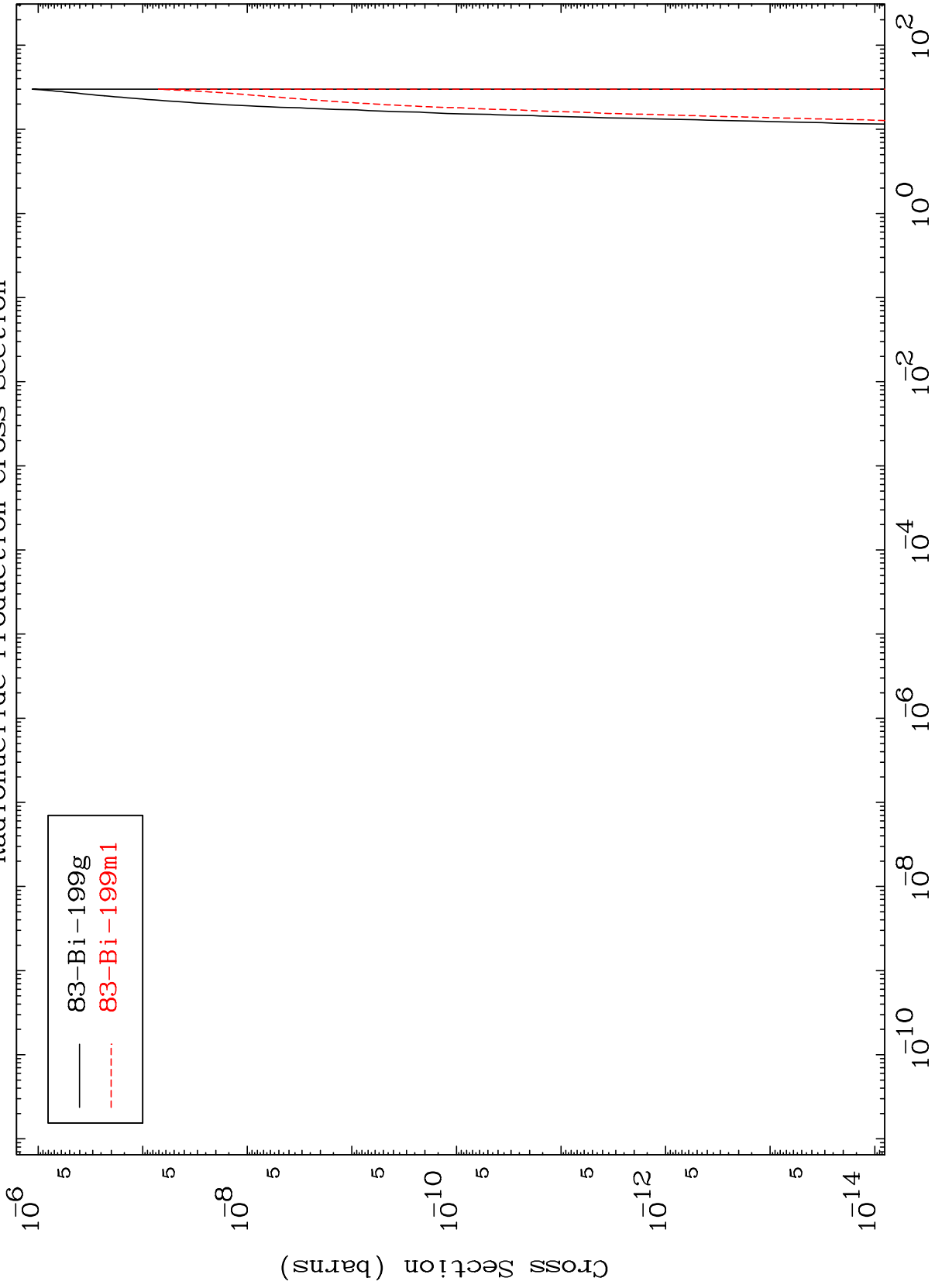
87-Fr-208

MAT 8713

(n,2n) 2 $\alpha$

87-Fr-208

Radionuclide Production Cross Section



117

Incident Energy (MeV)

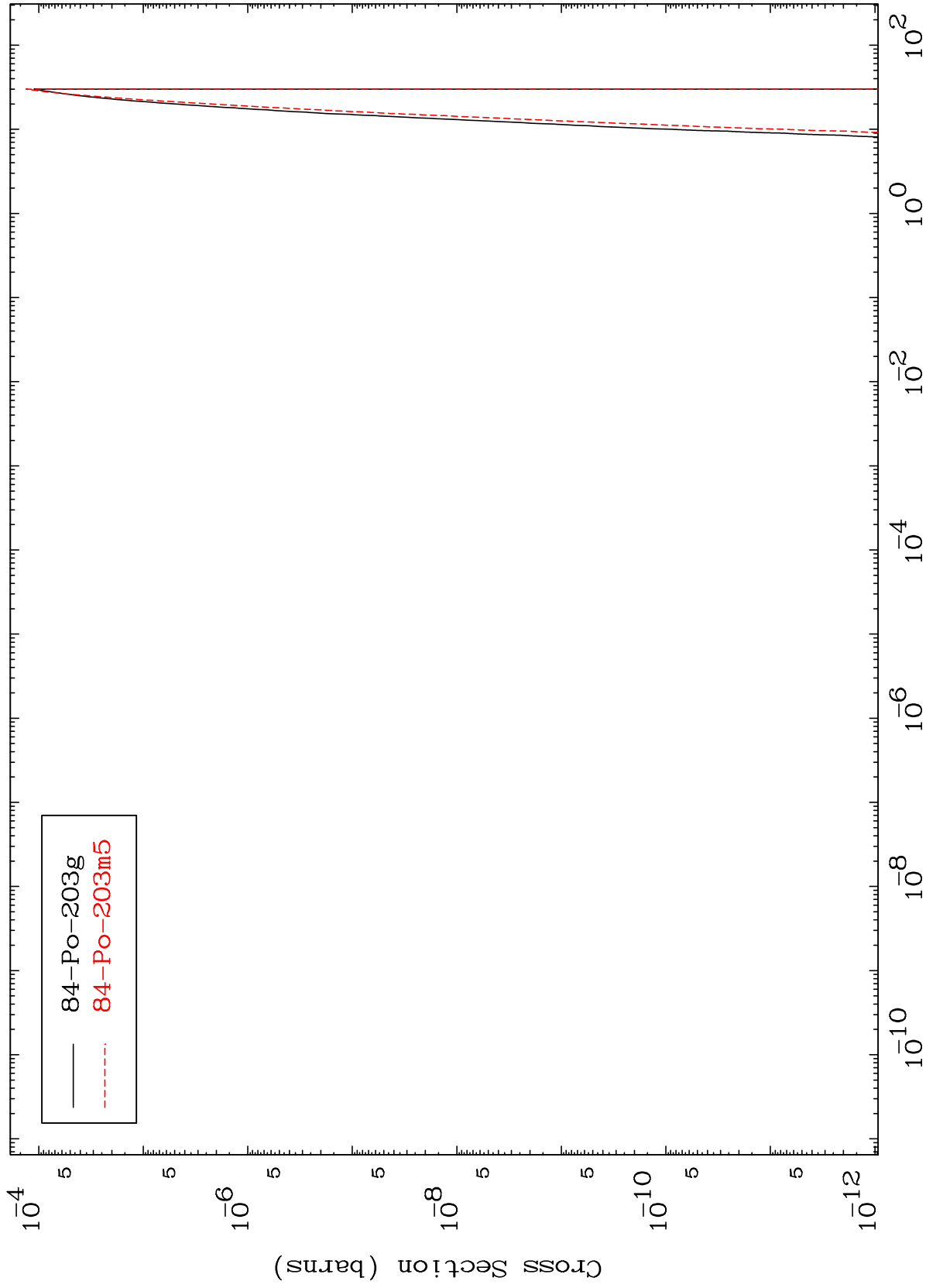
87-Fr-208

MAT 8713

(n,n') p  $\alpha$

87-Fr-208

Radionuclide Production Cross Section



118

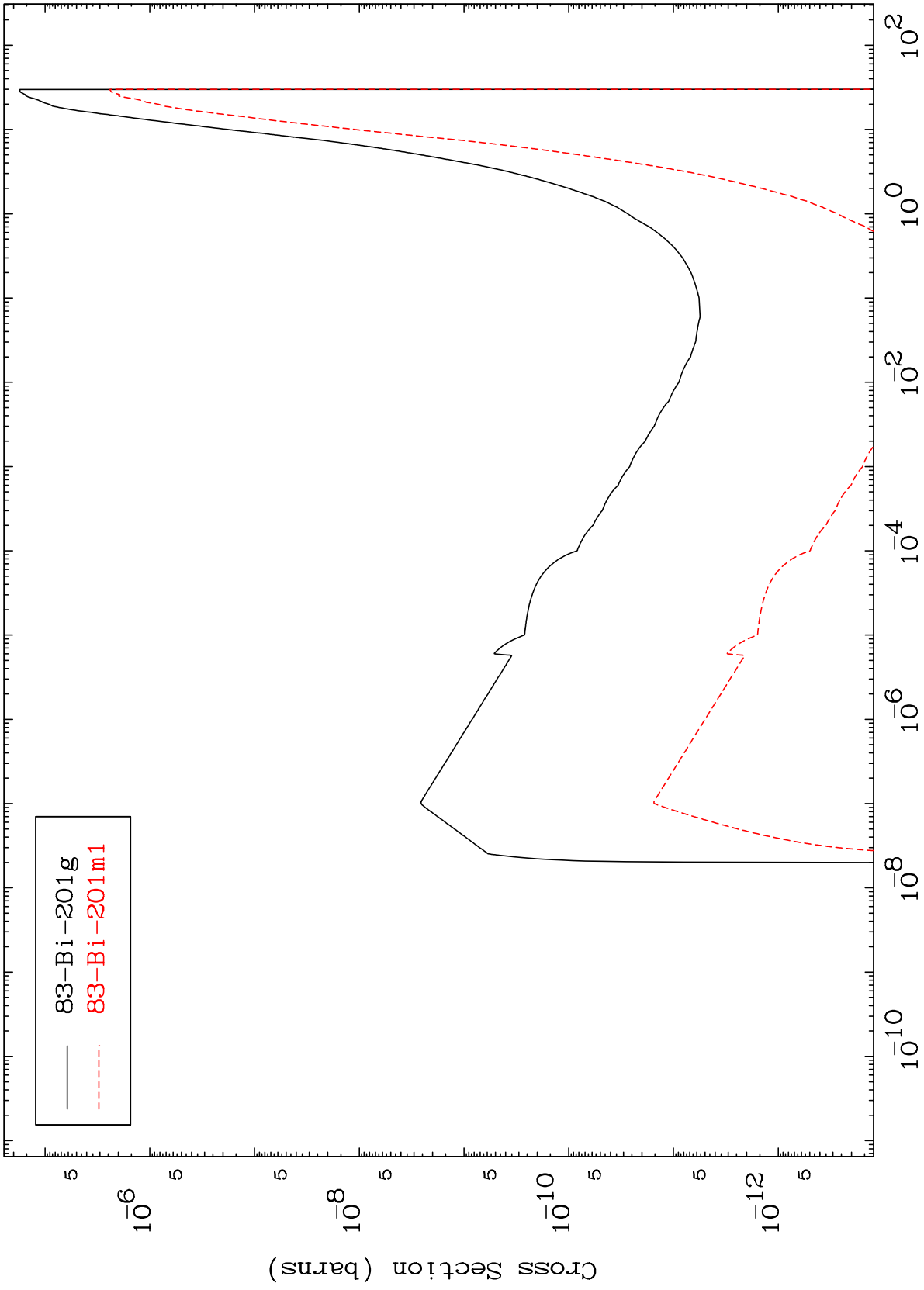
Incident Energy (MeV)

87-Fr-208

MAT 8713

87-Fr-208

(n,2α)  
Radionuclide Production Cross Section



119

87-Fr-208

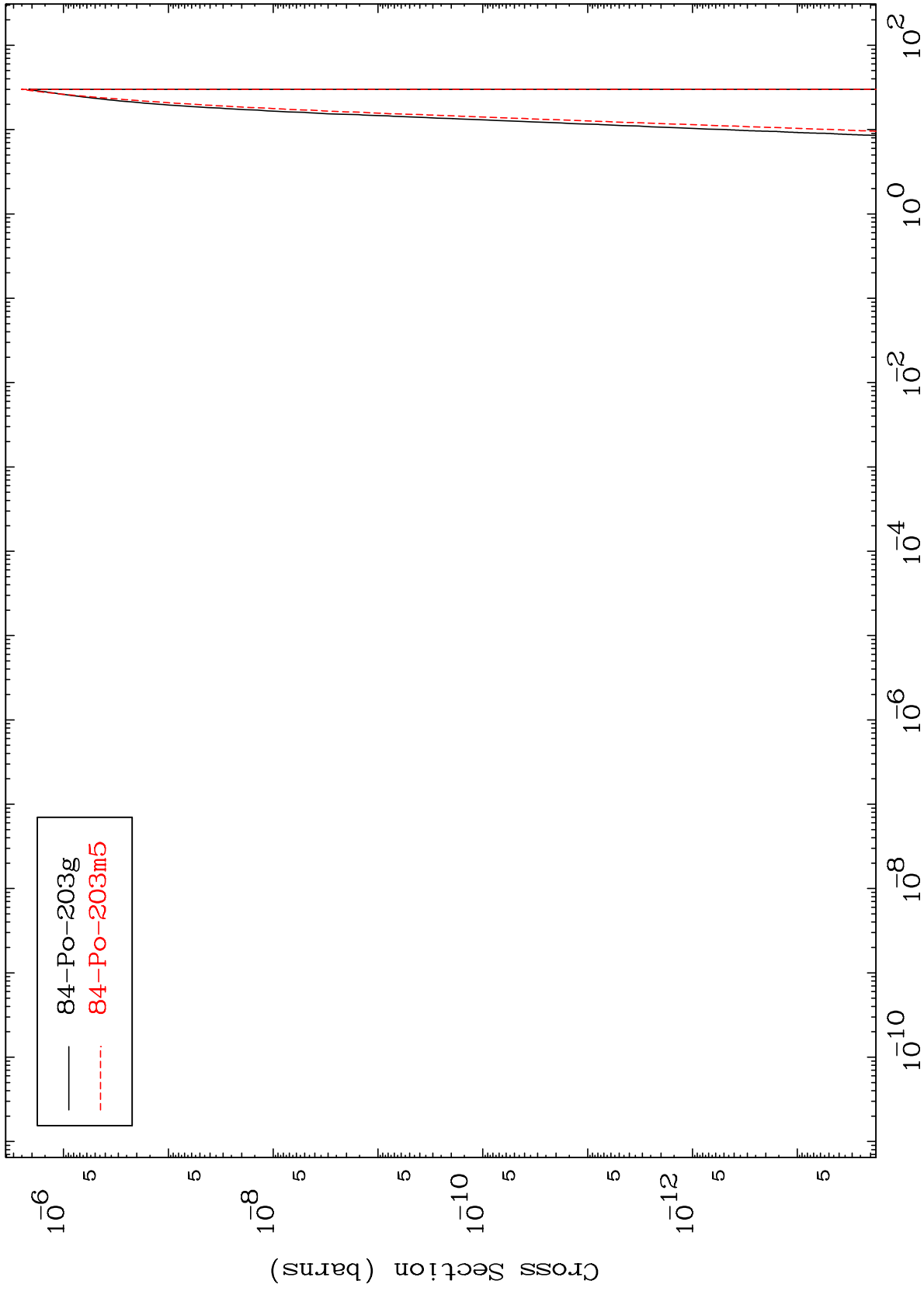


MAT 8713

(n,d)  $\alpha$

87-Fr-208

Radionuclide Production Cross Section



120

Incident Energy (MeV)

87-Fr-208