

Program EVALPLOT  
(Version 2018-1)

by

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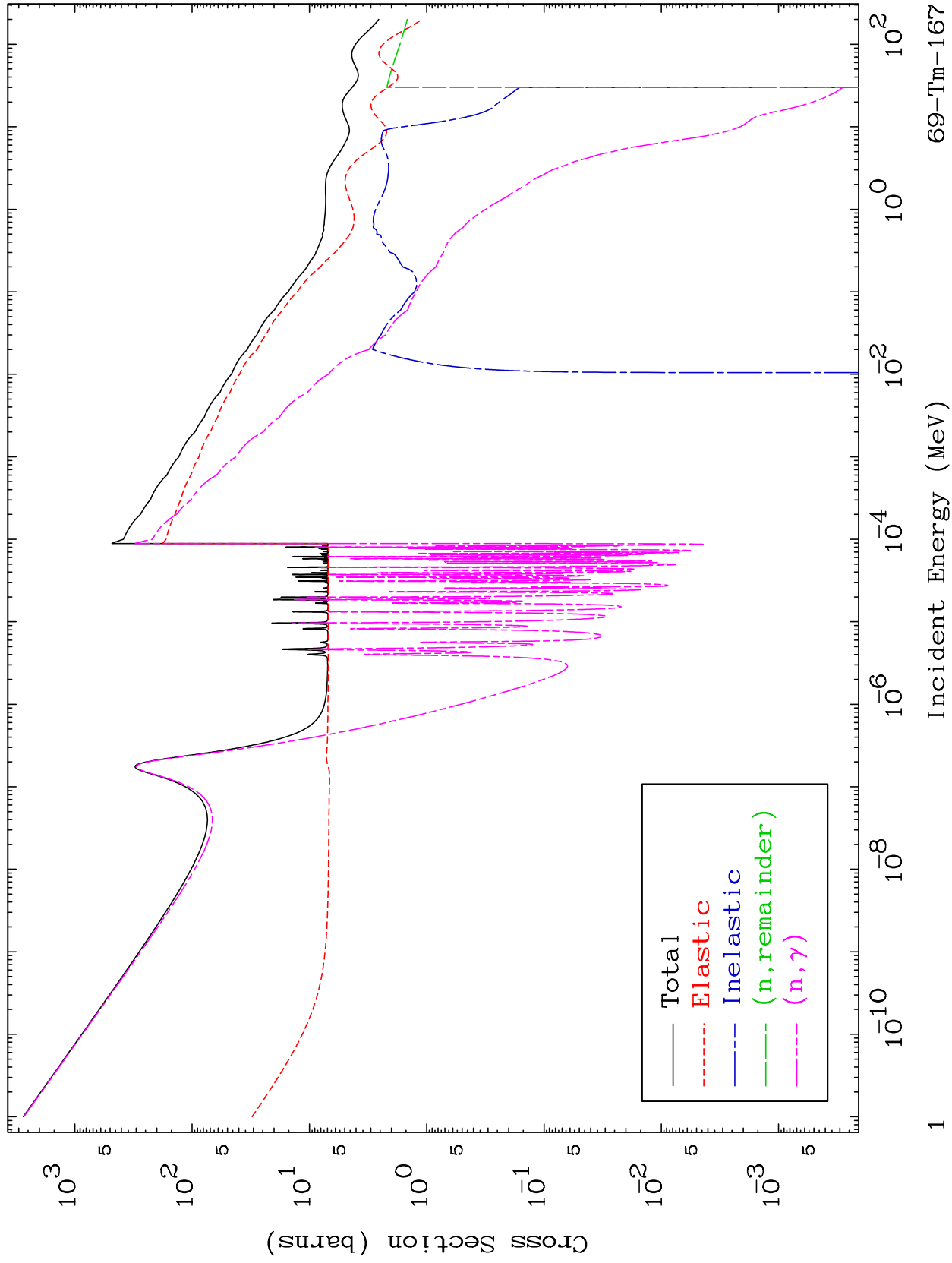
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6919

Major  
293 Kelvin Cross Sections

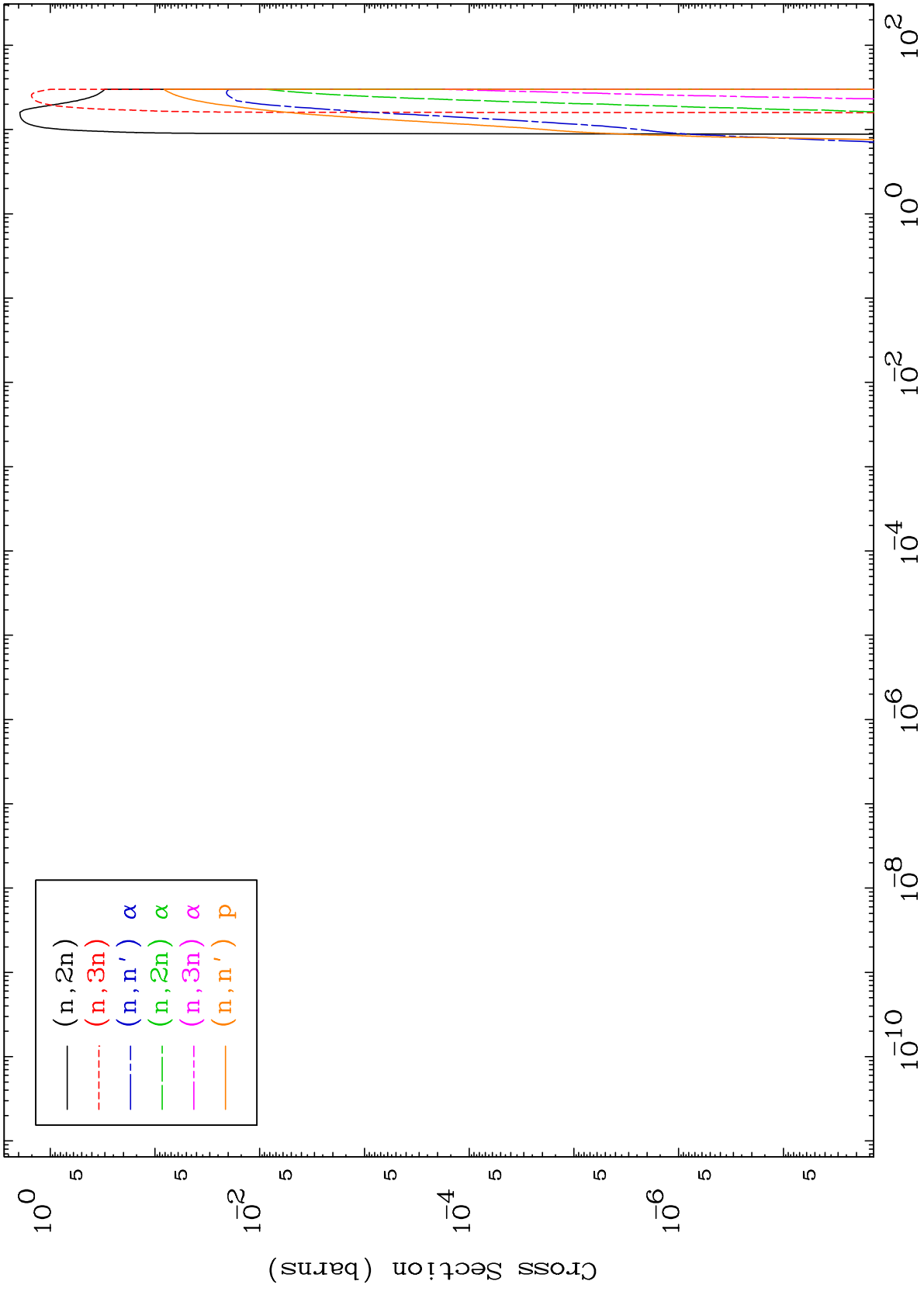
69-Tm-167



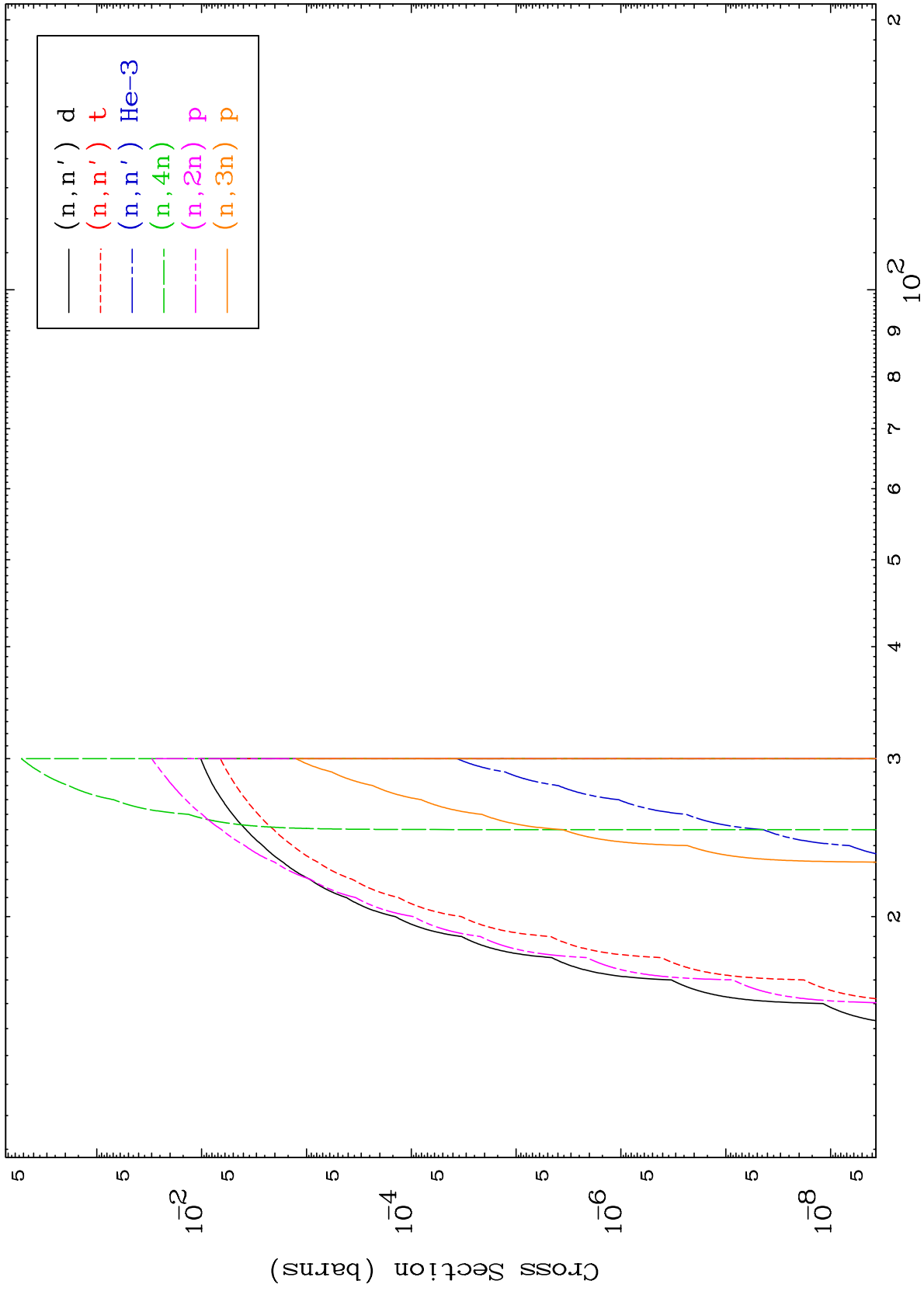
MAT 6919

Neutron Production  
293 Kelvin Cross Sections

69-Tm-167



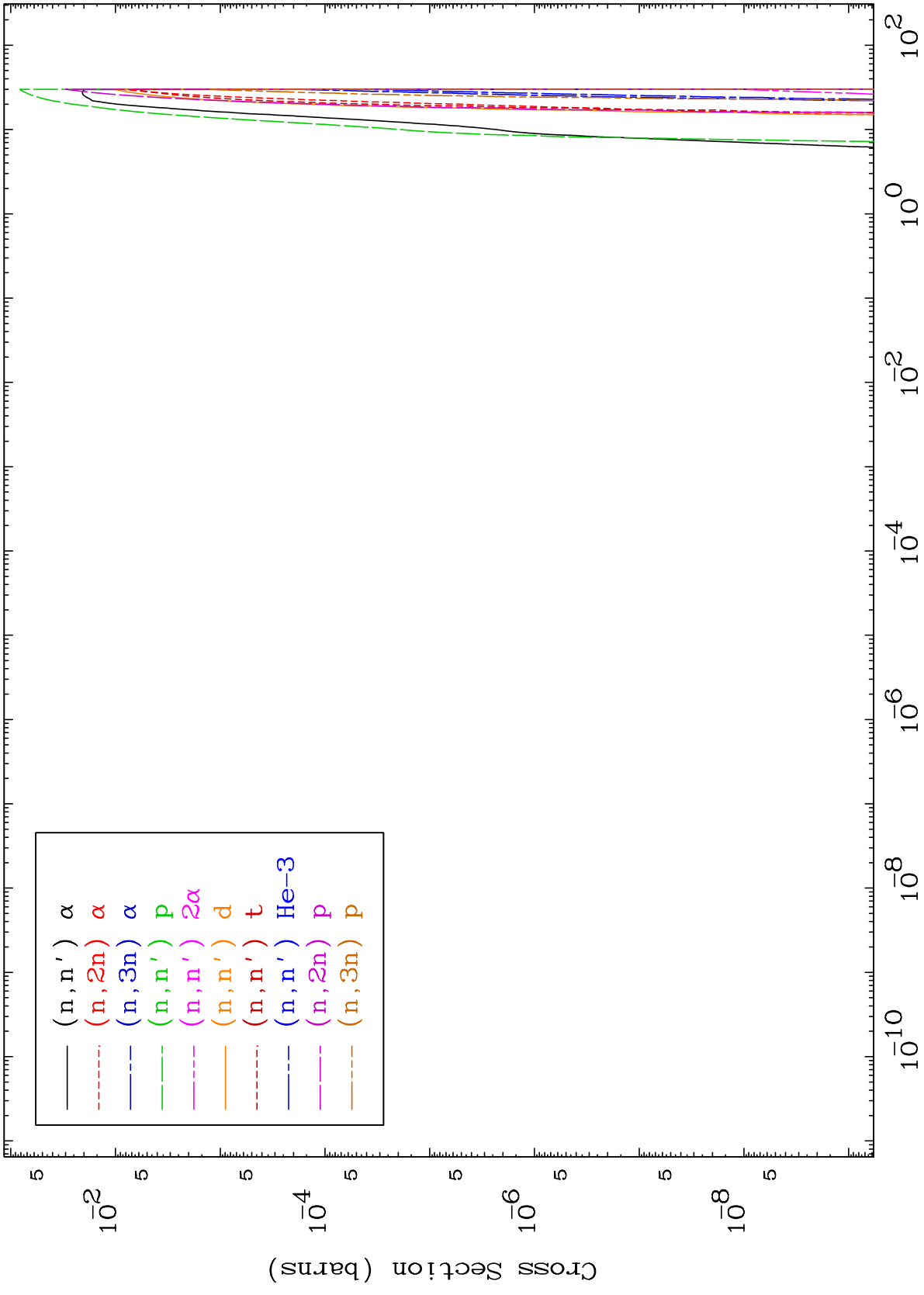
69-Tm-167



MAT 6919

Charged Particle  
293 Kelvin Cross Sections

69-Tm-167

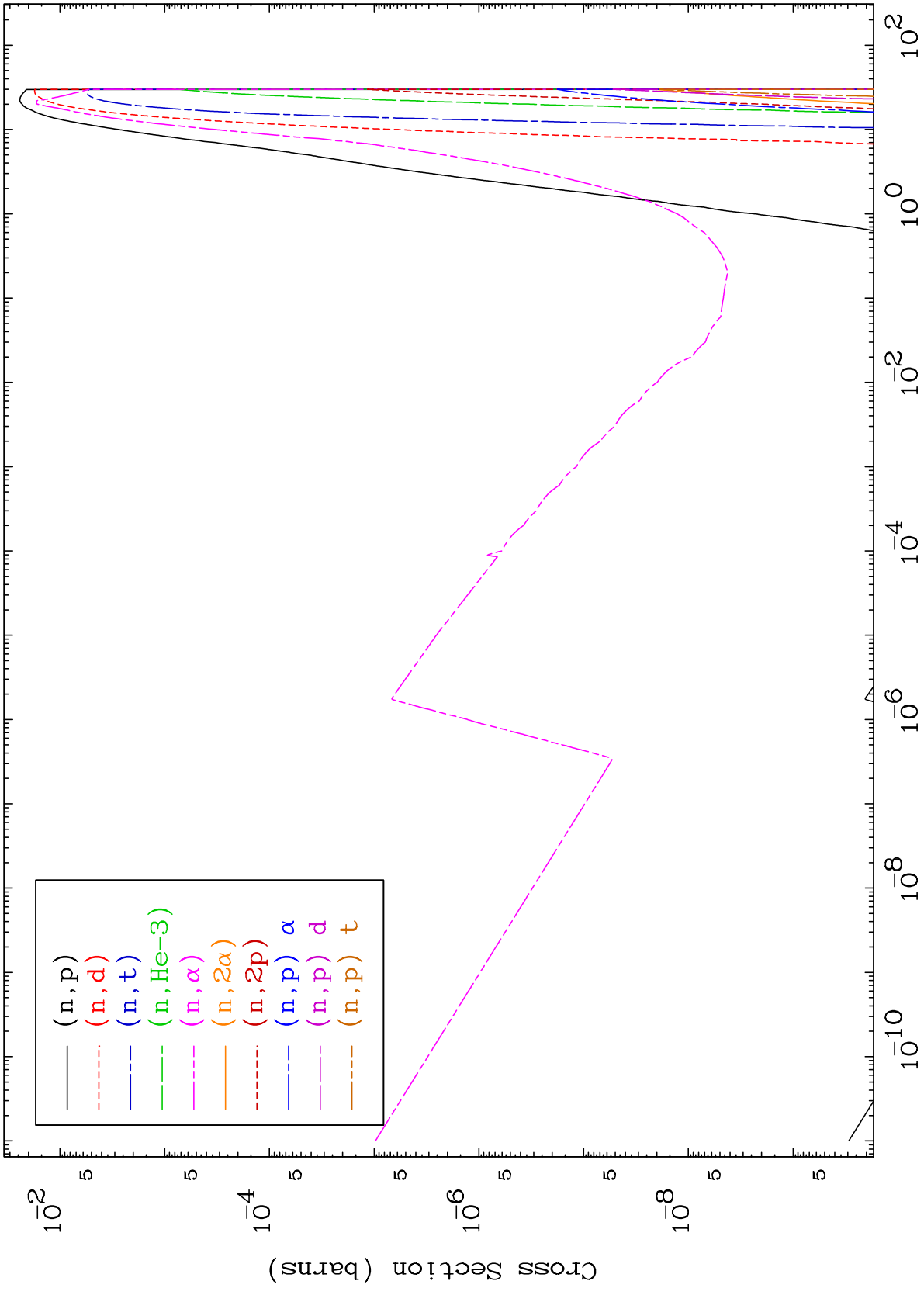


69-Tm-167

MAT 6919

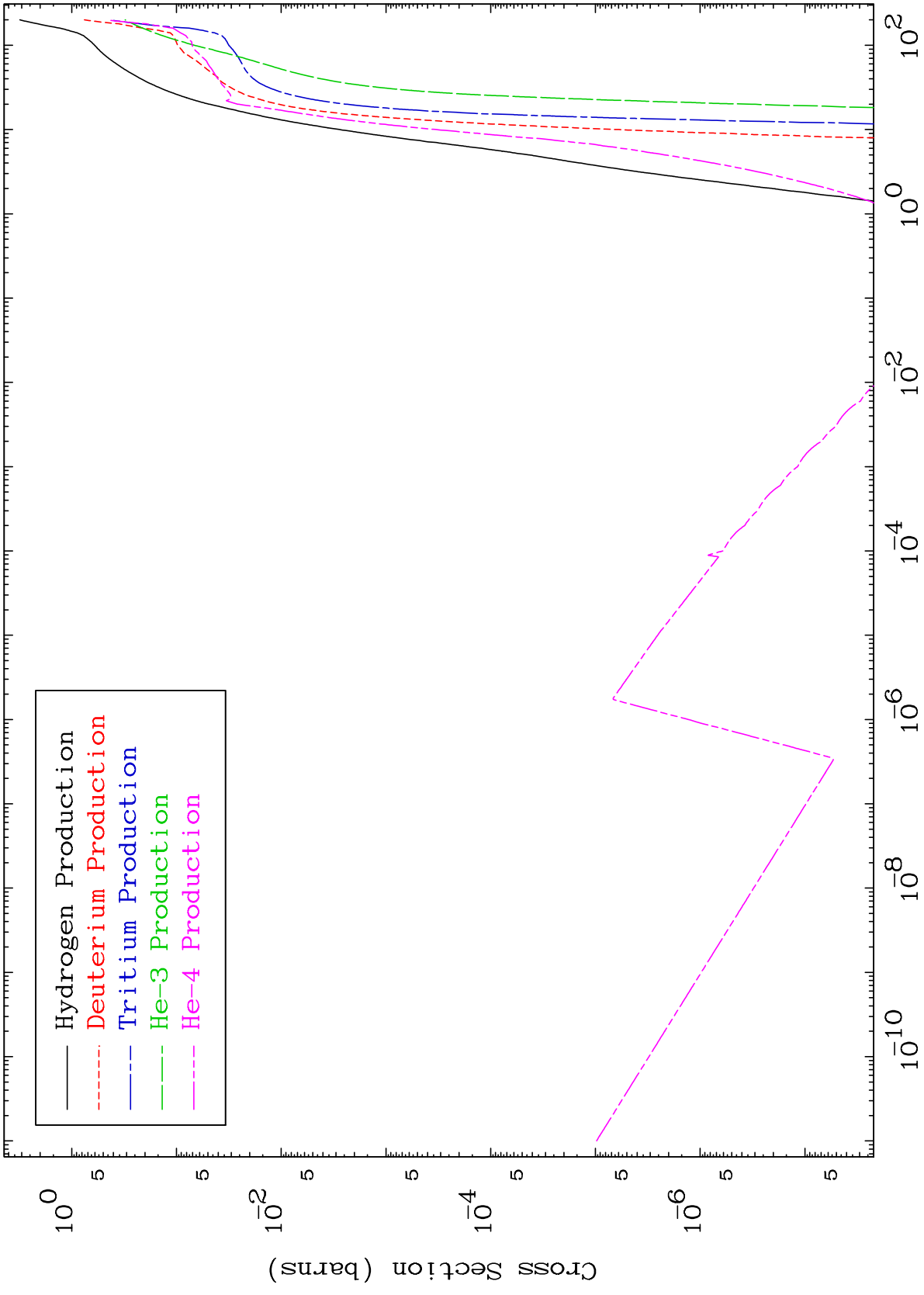
Charged Particle  
293 Kelvin Cross Sections

69-Tm-167



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69-Tm-167

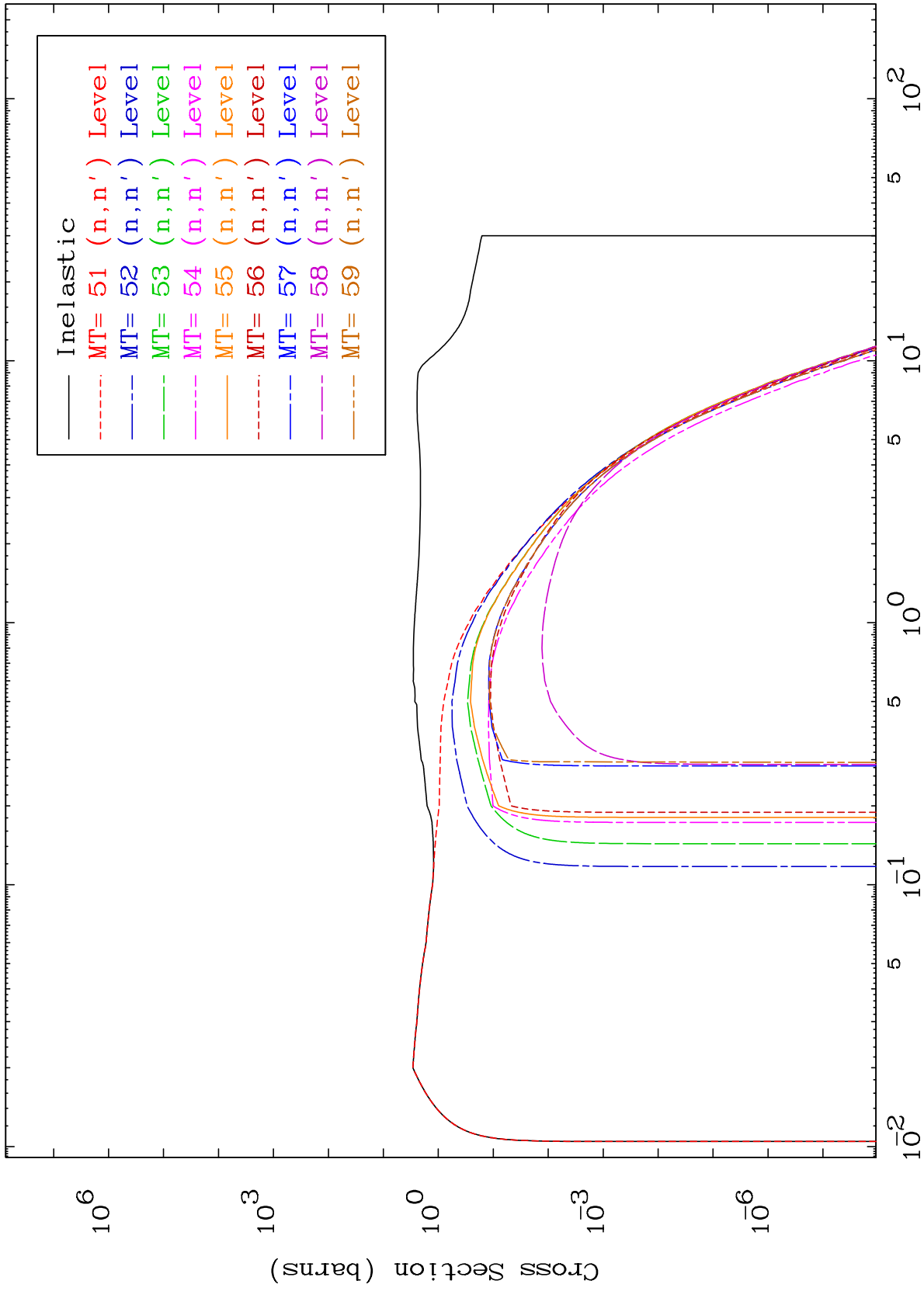


MAT 6919

(n,n') Level

69-Tm-167

293 Kelvin Cross Sections



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Incident Energy (MeV)

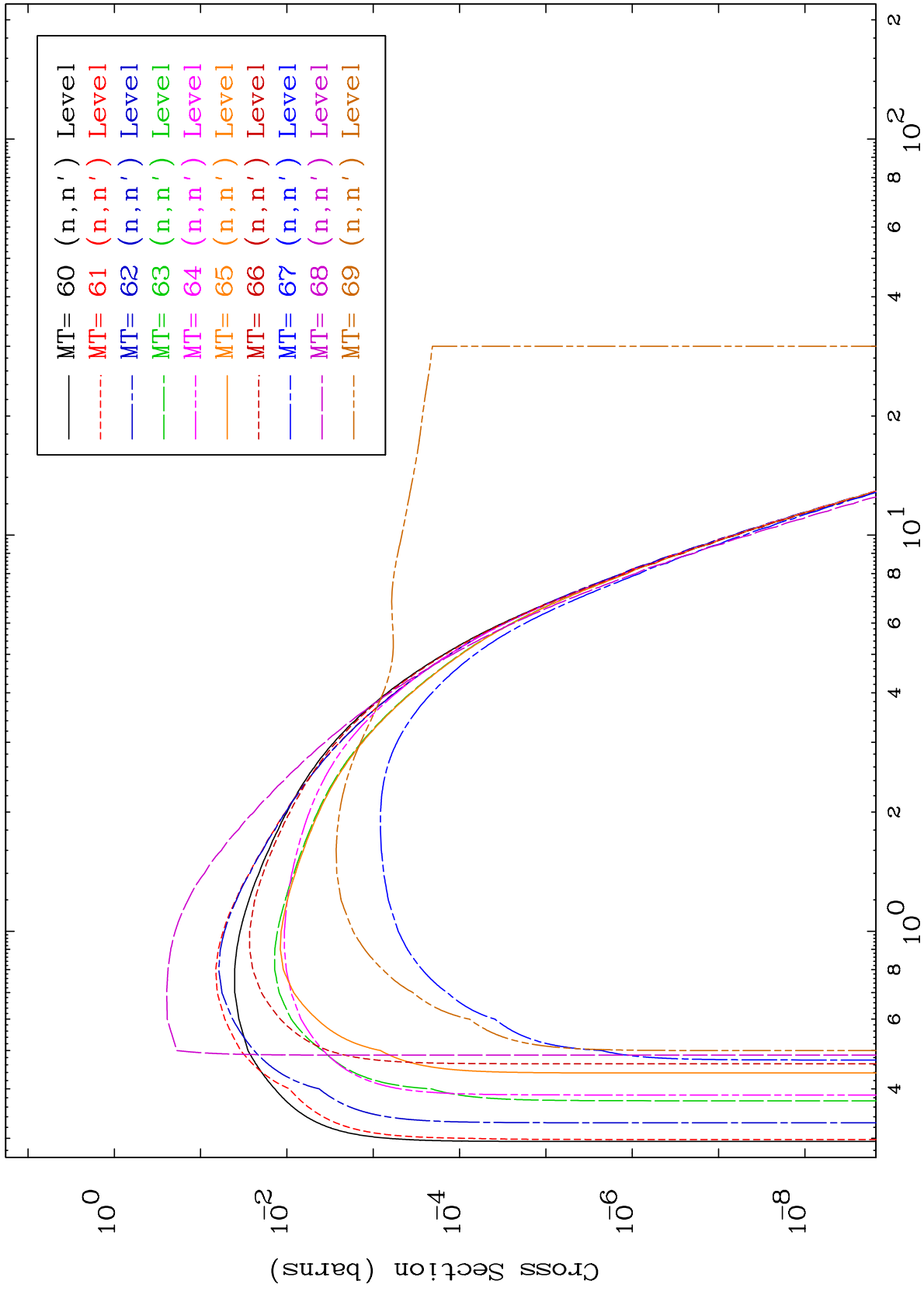
69-Tm-167



MAT 6919

(n,n') Level  
293 Kelvin Cross Sections

69-Tm-167



8

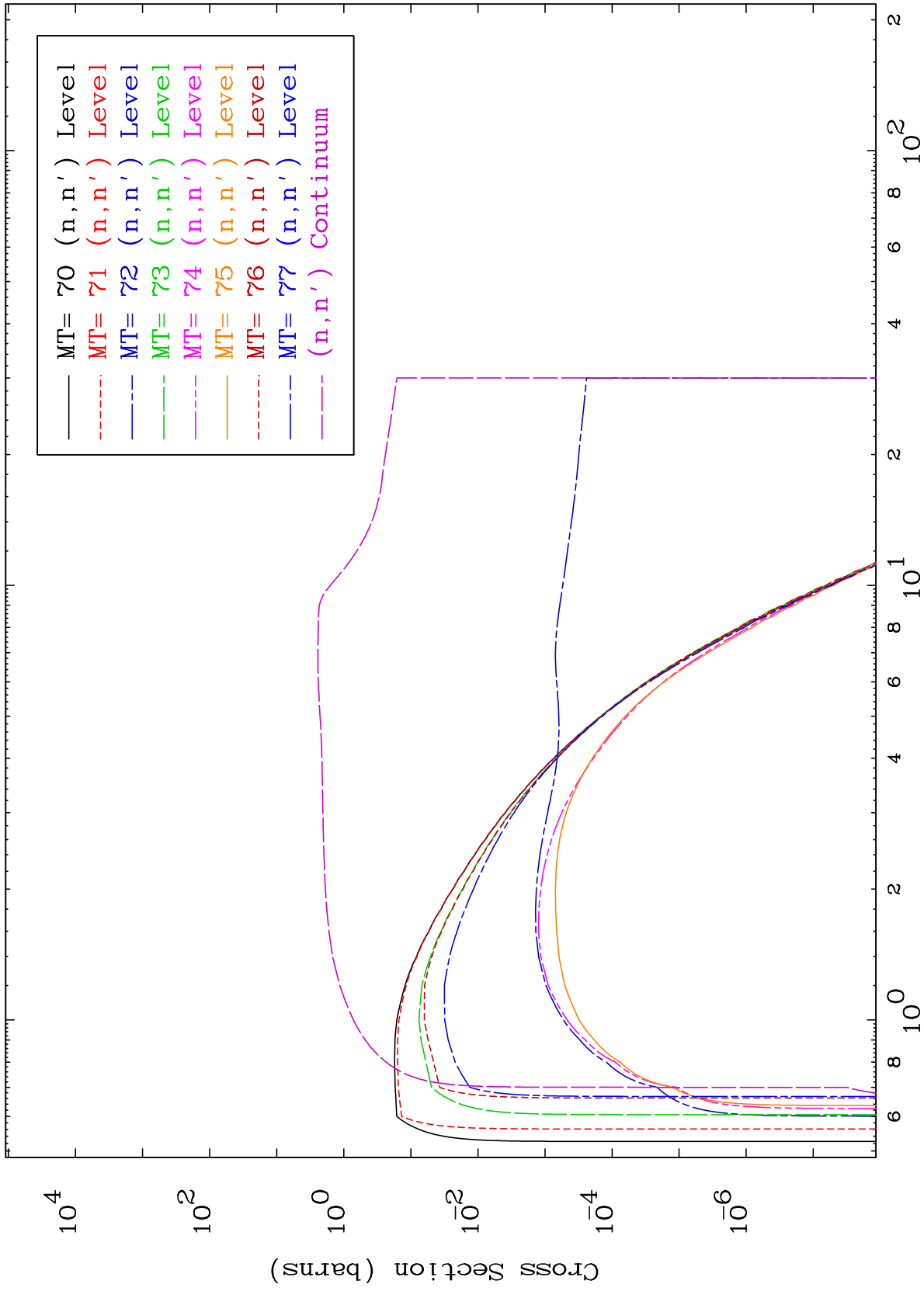
Incident Energy (MeV)

69-Tm-167

MAT 6919

(n,n') Level  
293 Kelvin Cross Sections

69-Tm-167



9

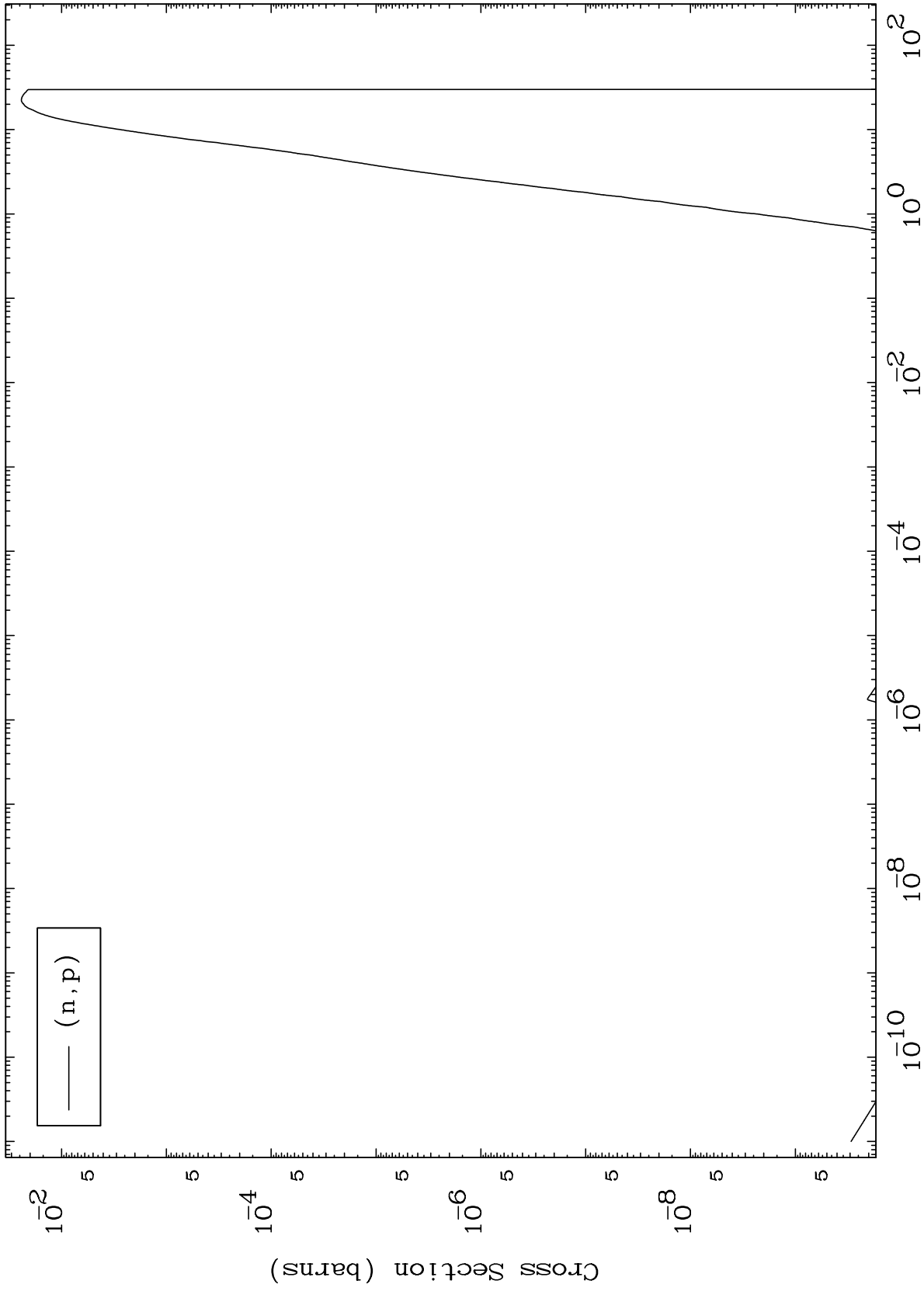
Incident Energy (MeV)

69-Tm-167

MAT 6919

(n,p) Levels  
293 Kelvin Cross Sections

69-Tm-167



10

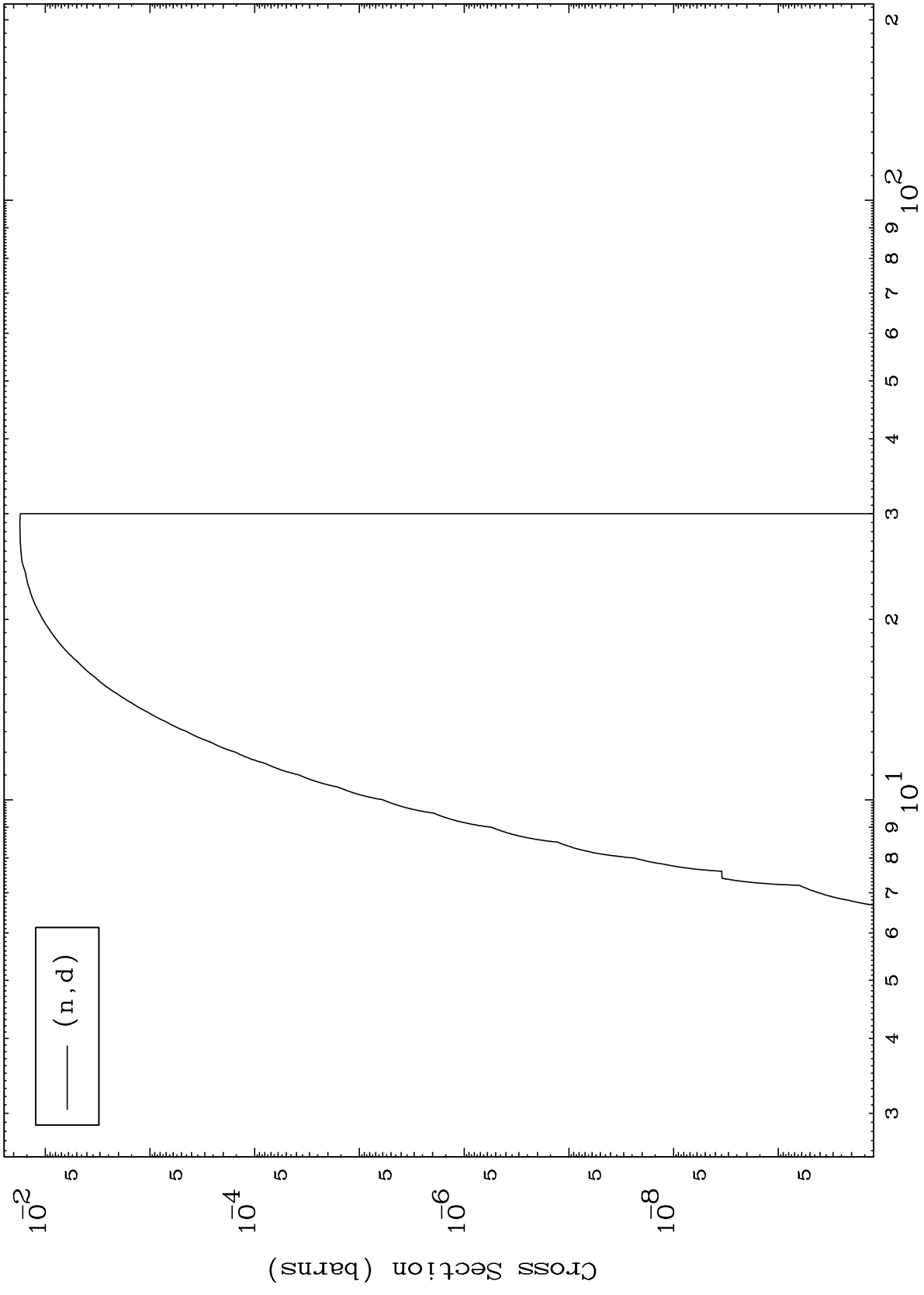
Incident Energy (MeV)

69-Tm-167

MAT 6919

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-167



11

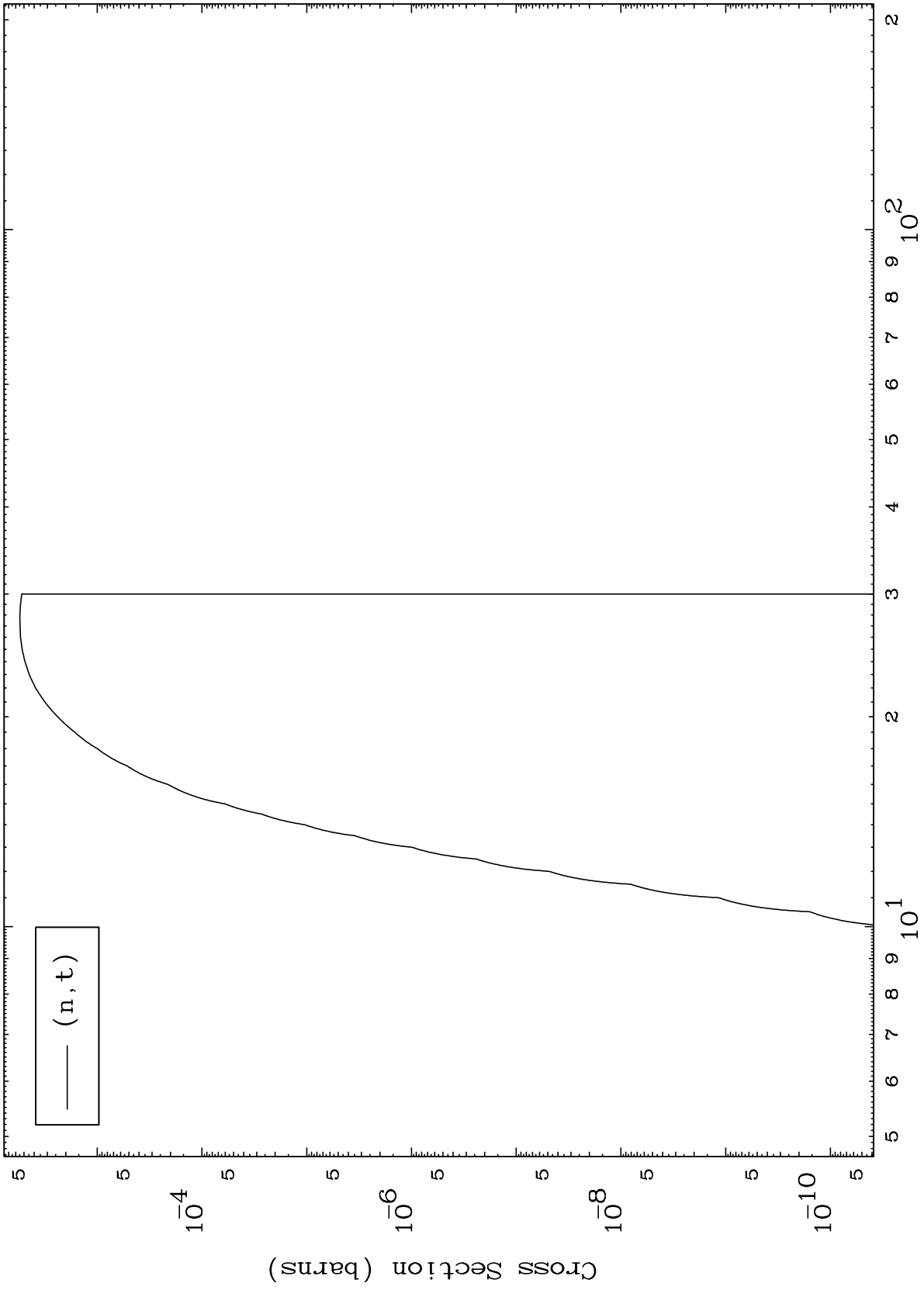
Incident Energy (MeV)

69-Tm-167

MAT 6919

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-167



12

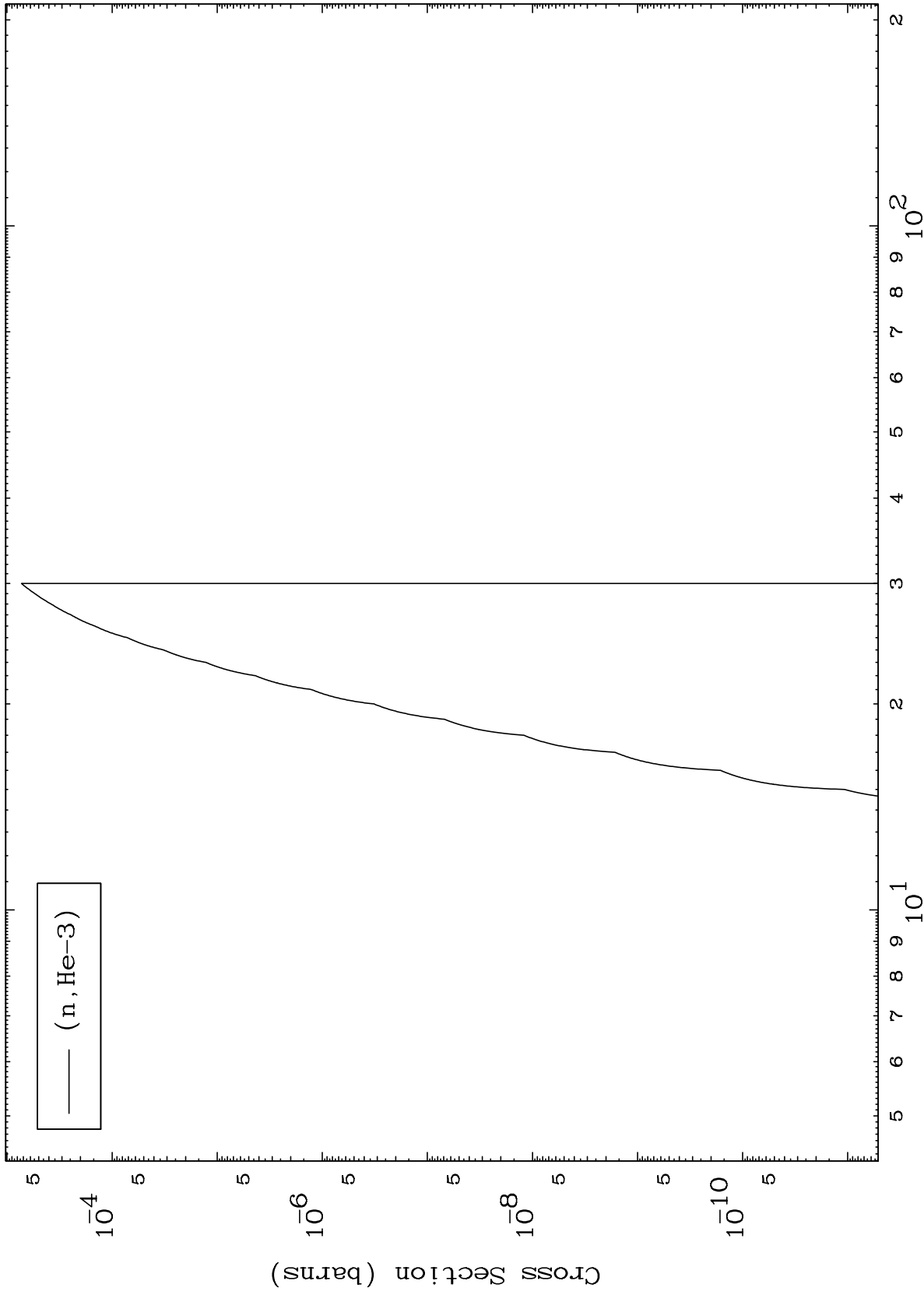
Incident Energy (MeV)

69-Tm-167

MAT 6919

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-167



13

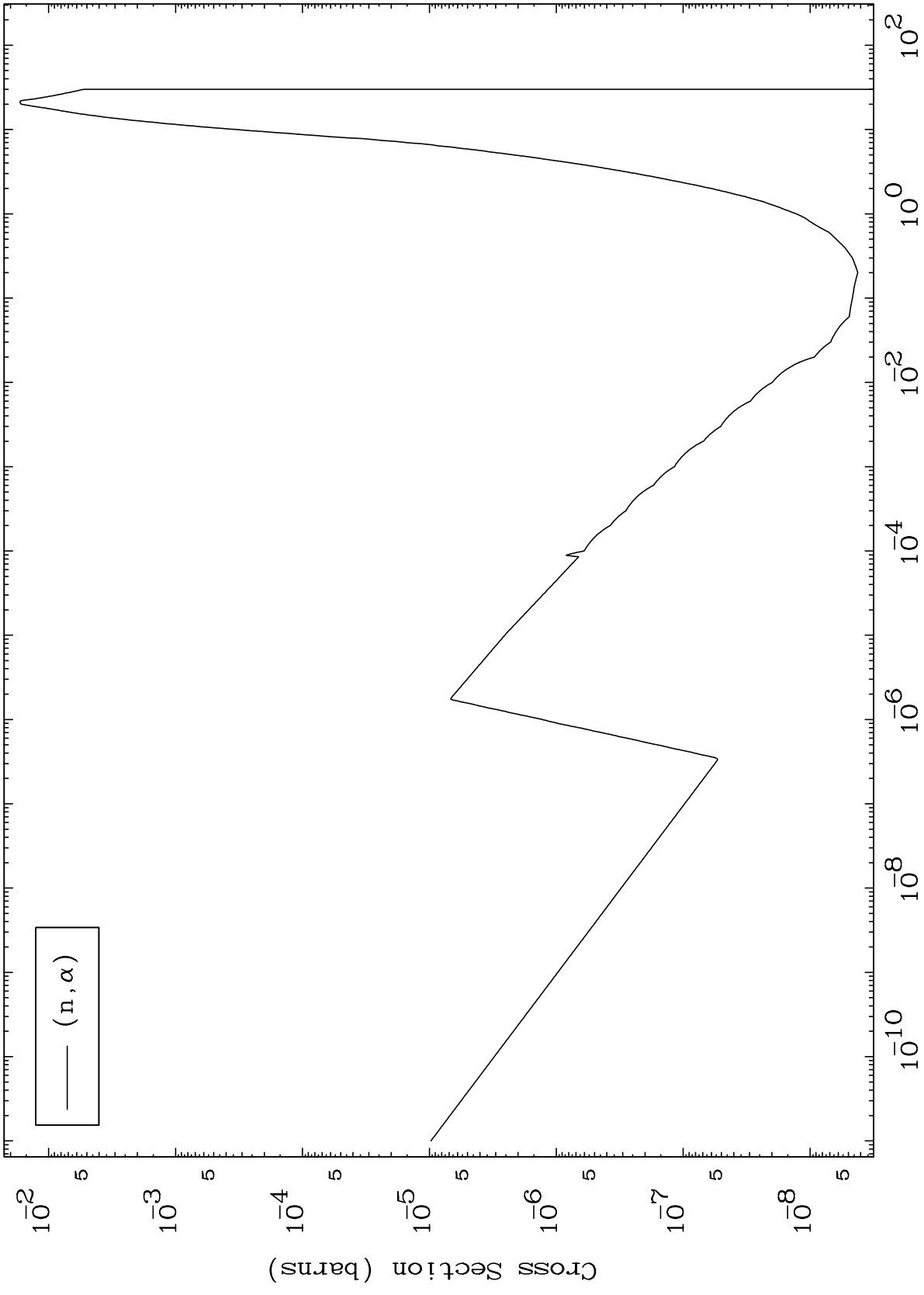
Incident Energy (MeV)

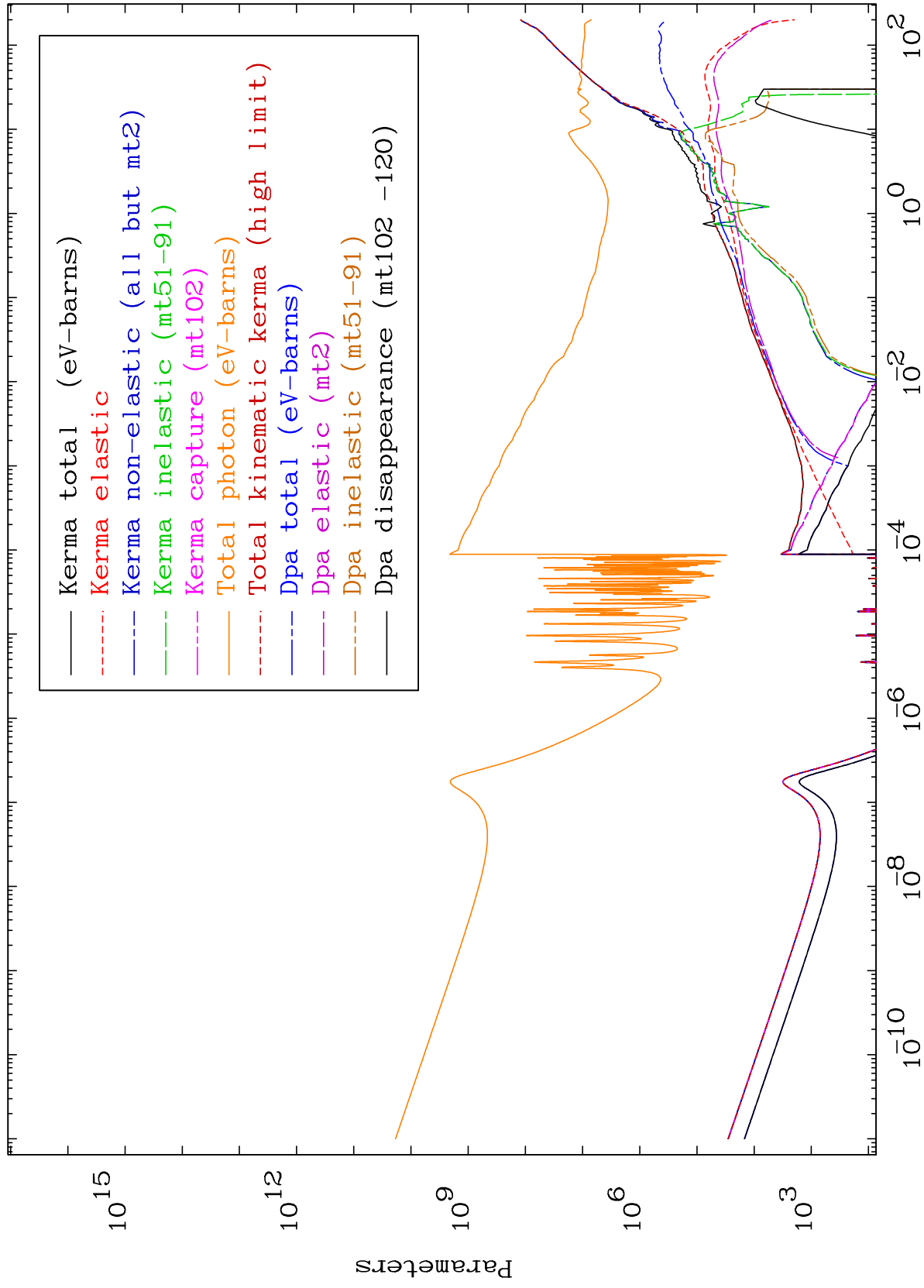
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MAT 6919

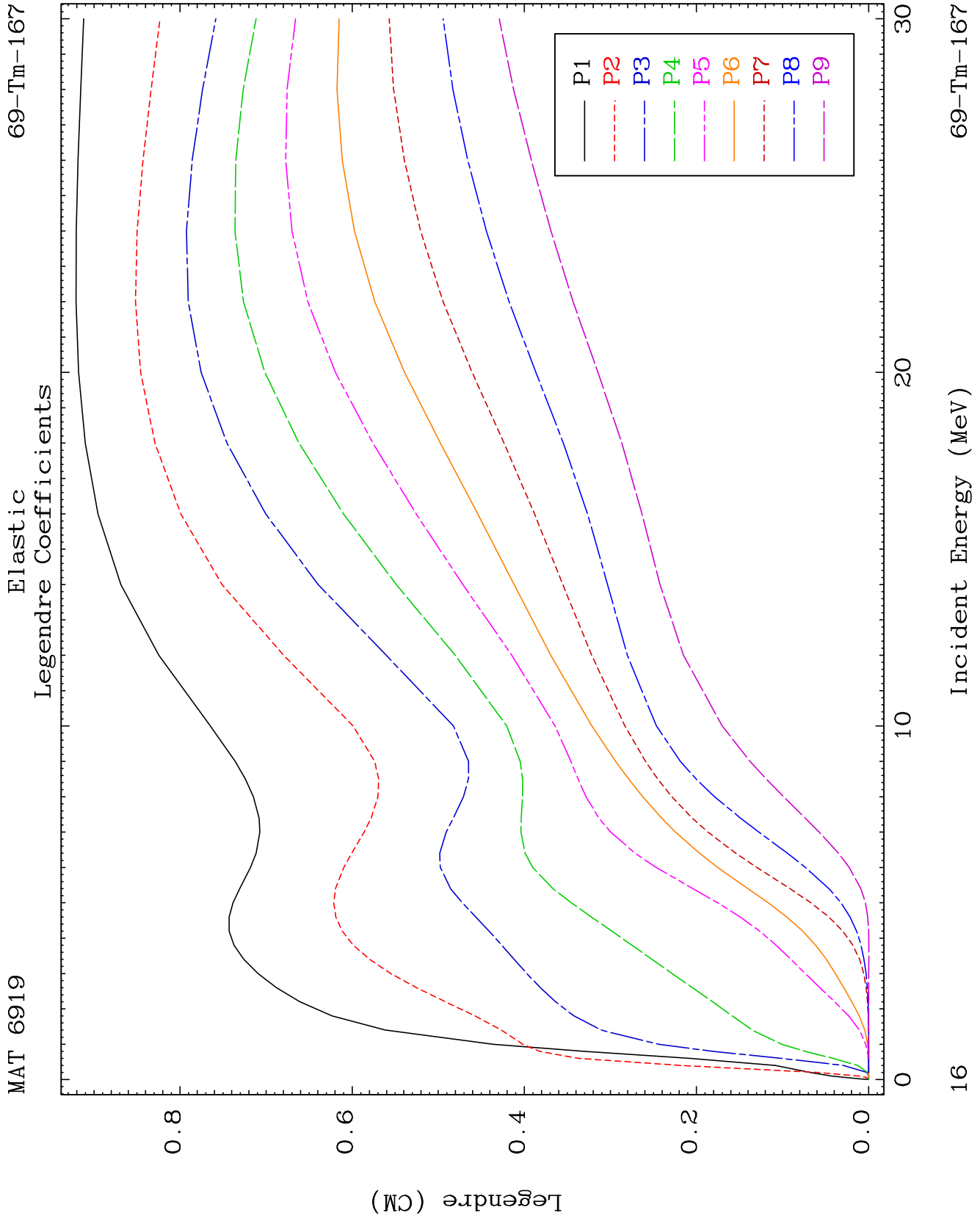
(n,α) Levels  
293 Kelvin Cross Sections

69-Tm-167





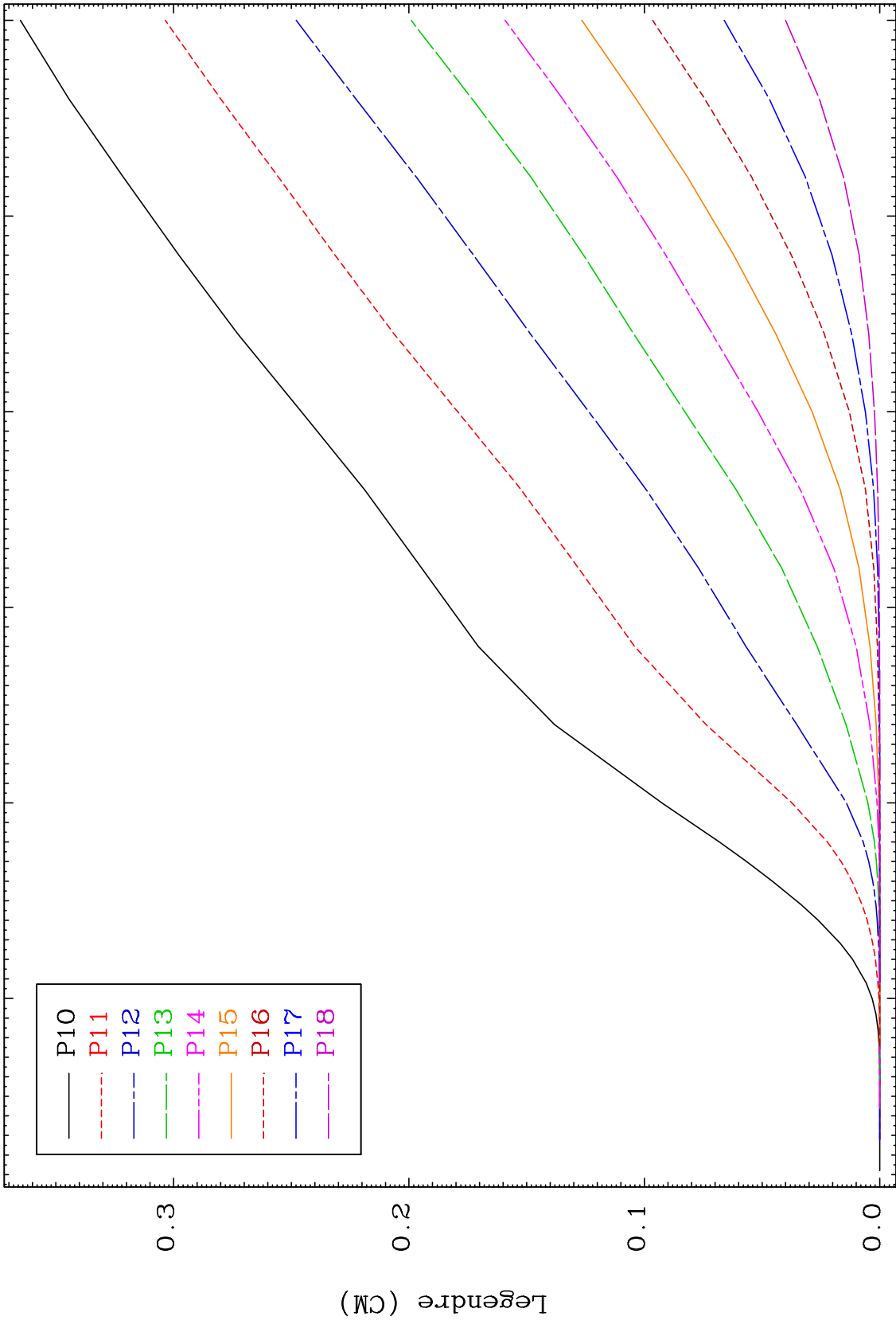




MAT 6919

Elastic Legendre Coefficients

69-Tm-167



17

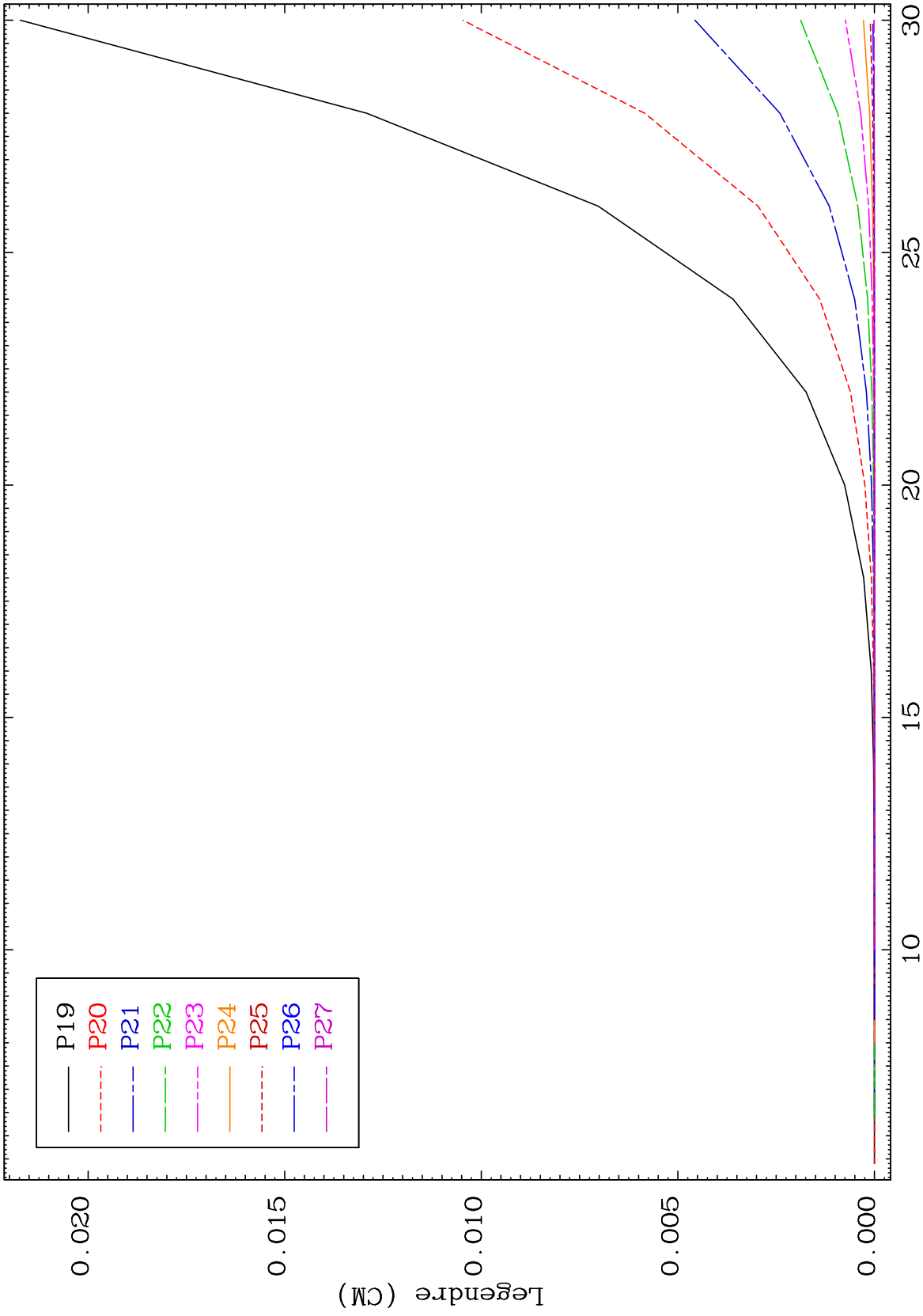
Incident Energy (MeV)

69-Tm-167

MAT 6919

### Elastic Legendre Coefficients

69-Tm-167



18

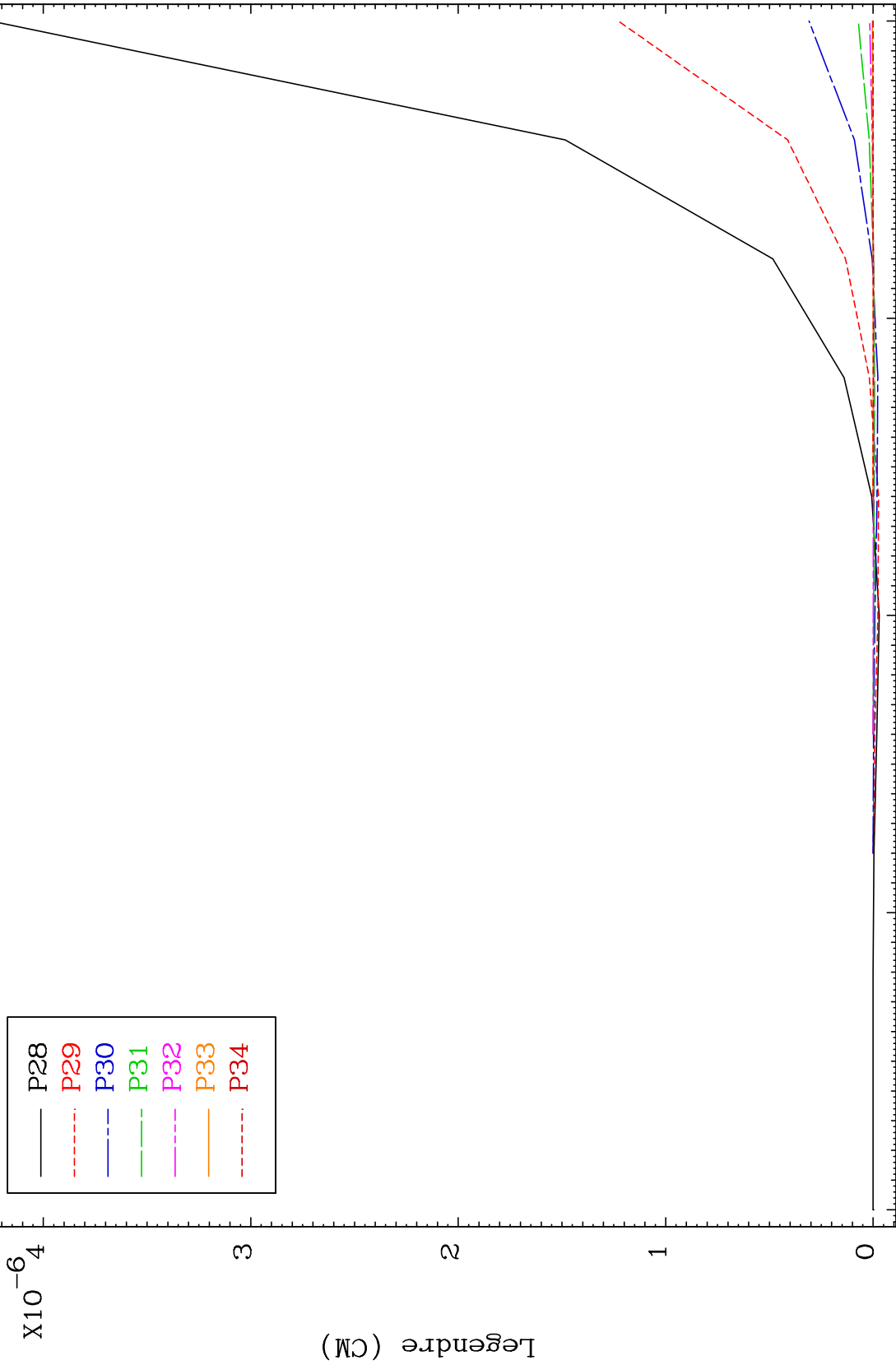
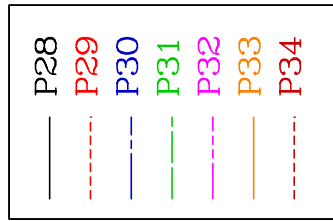
Incident Energy (MeV)

69-Tm-167

MAT 6919

Elastic Legendre Coefficients

69-Tm-167



19

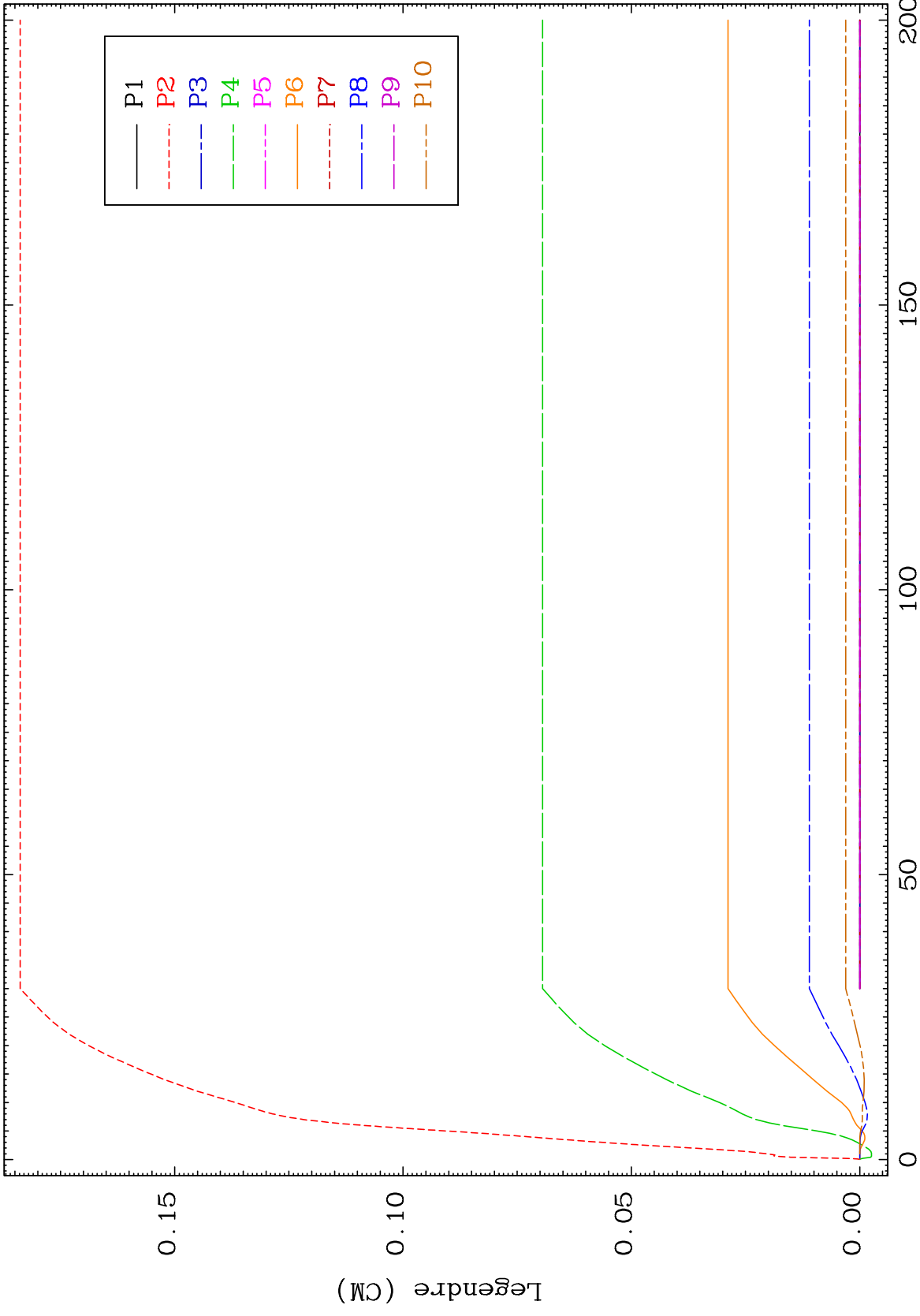
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



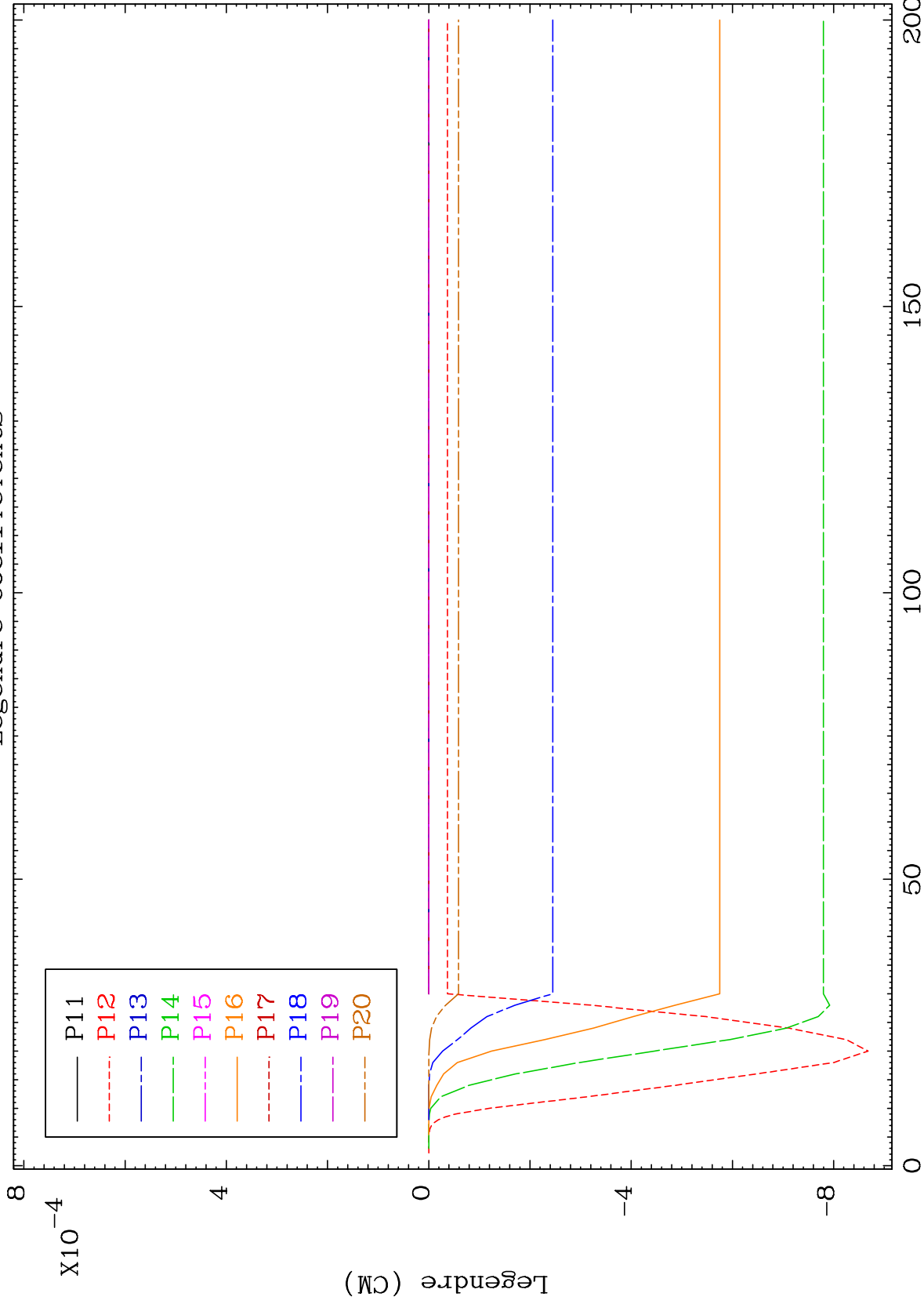
69-Tm-167

Incident Energy (MeV)

MAT 6919

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

69-Tm-167



21

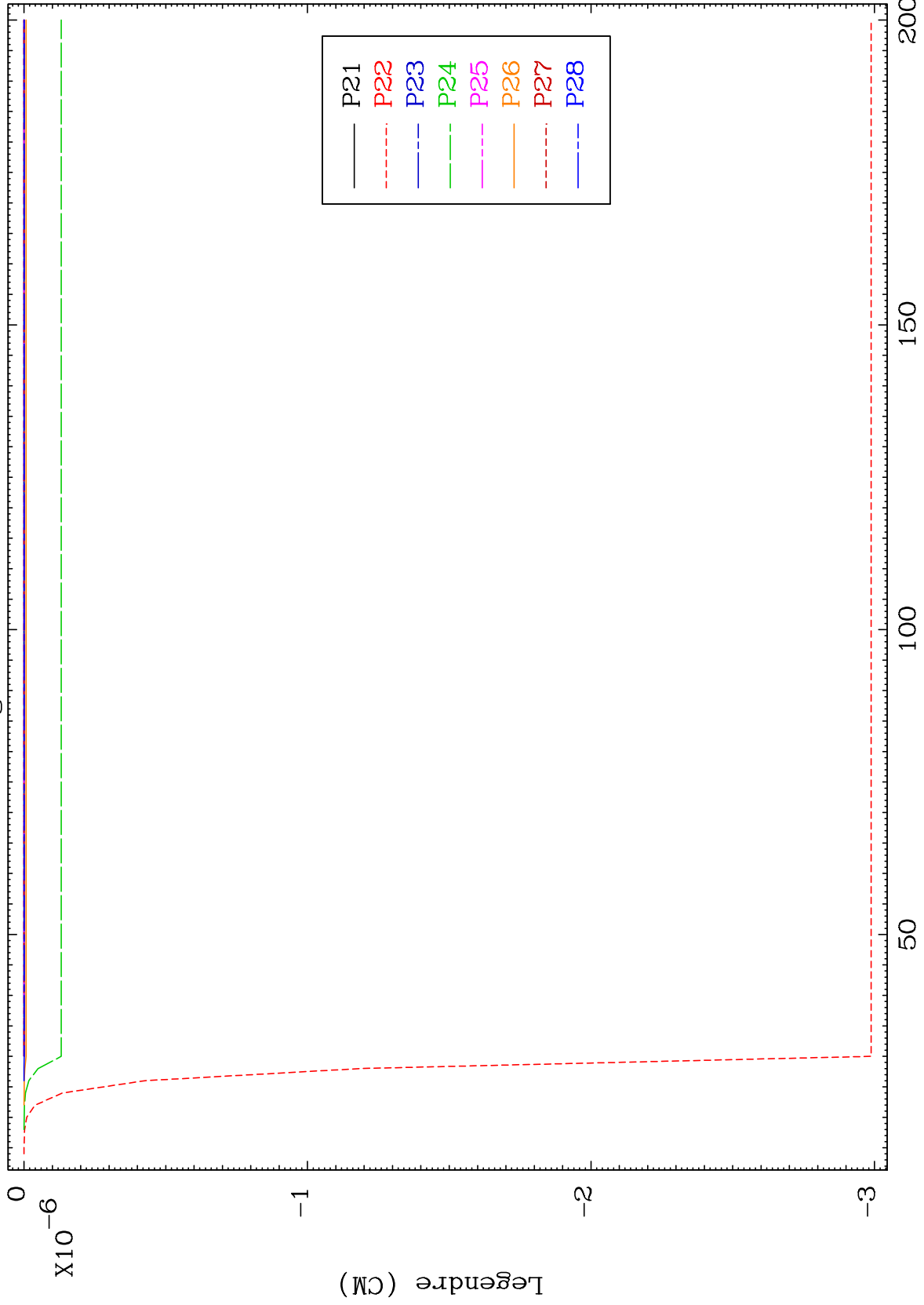
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



69-Tm-167

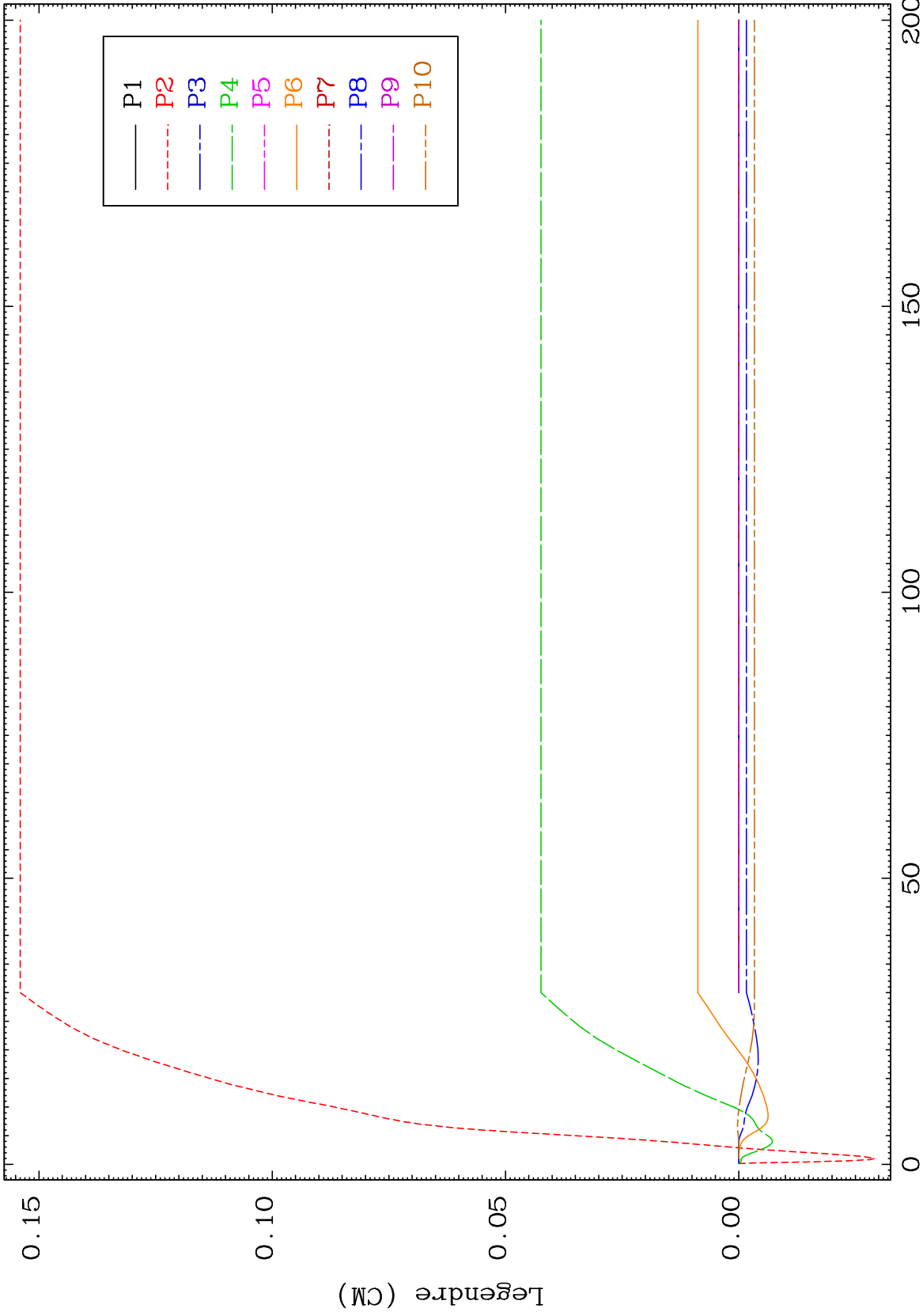
Incident Energy (MeV)

22

MAT 6919

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

69-Tm-167



23

Incident Energy (MeV)

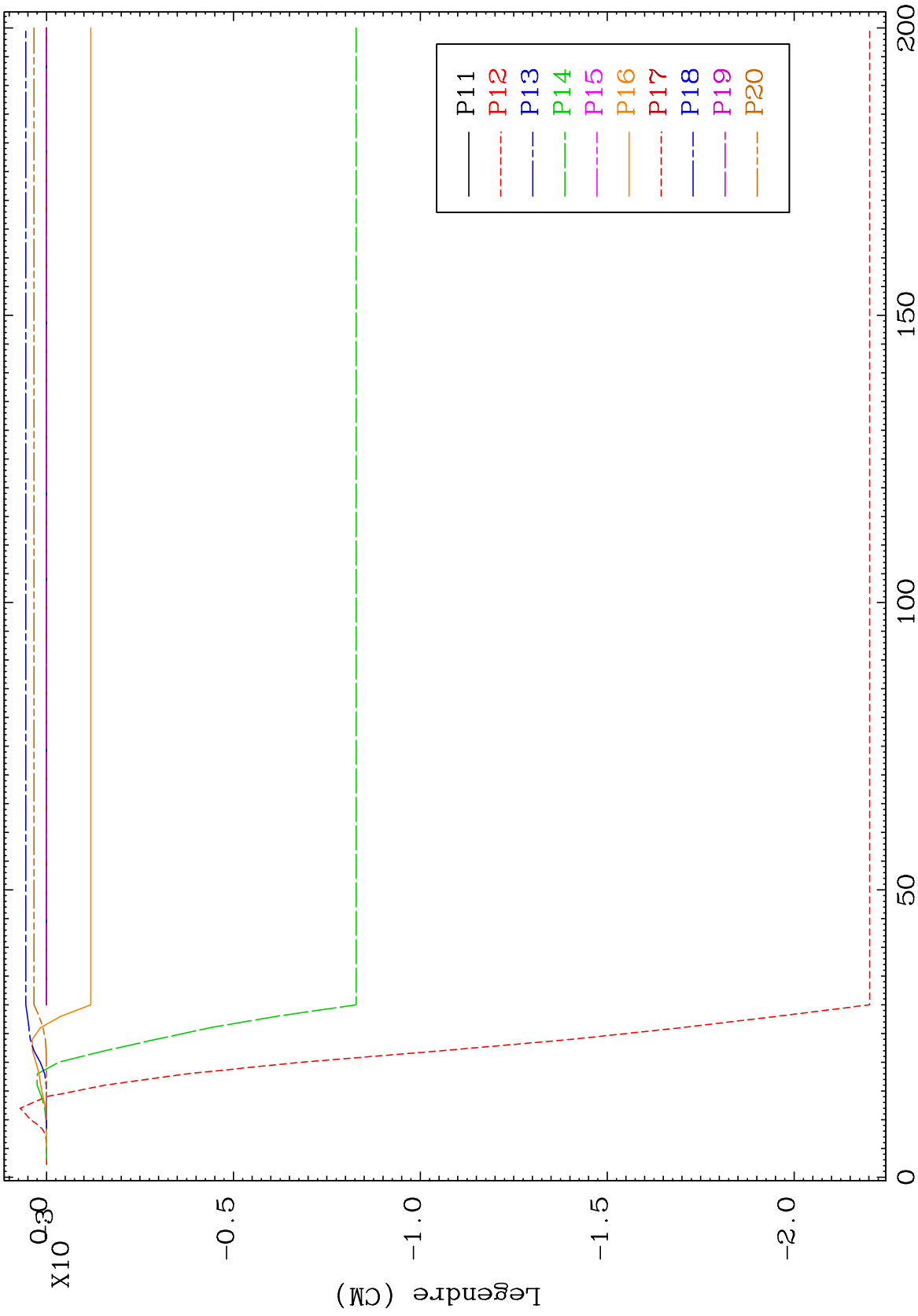
69-Tm-167



MAT 6919

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

69-Tm-167



24

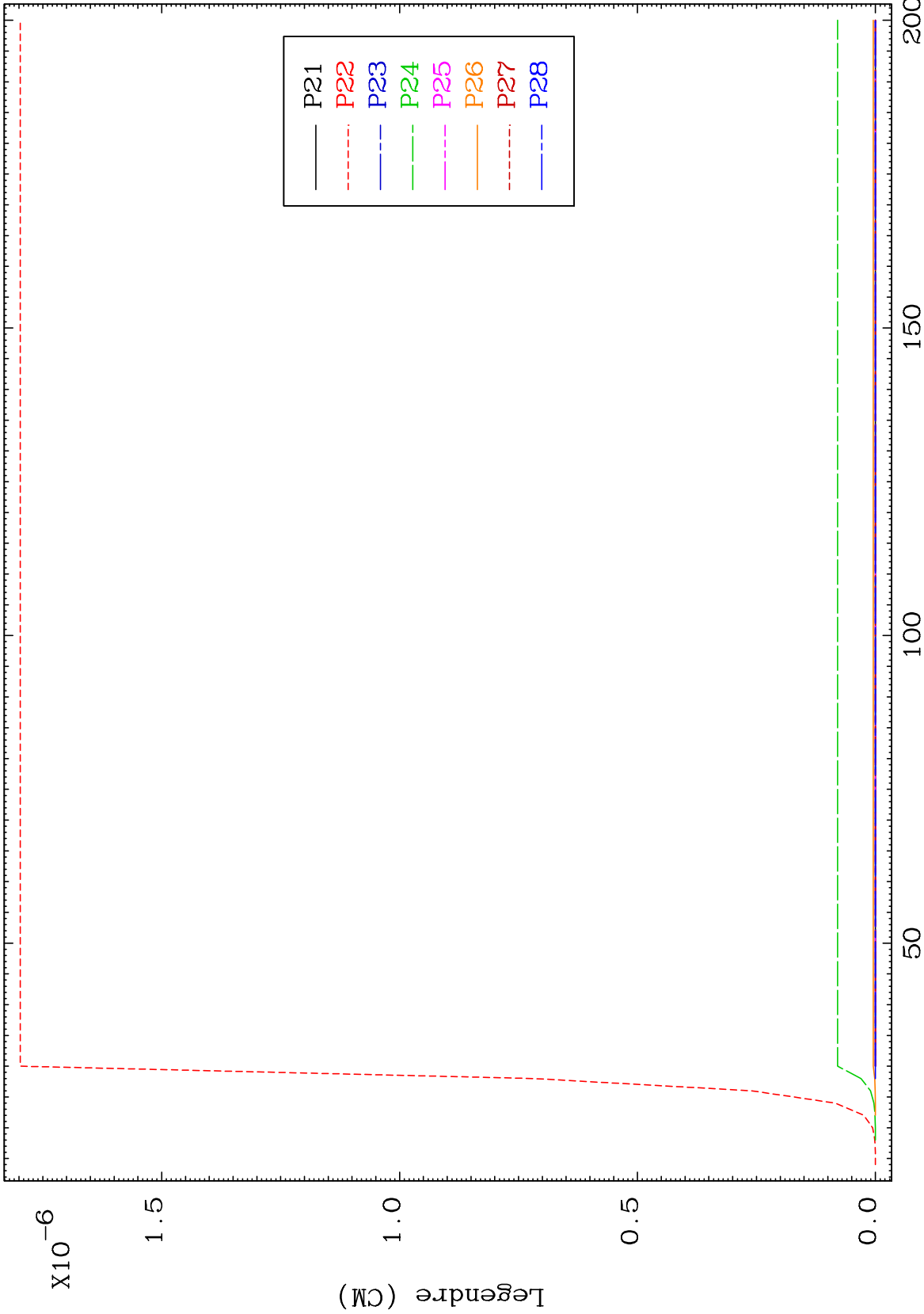
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



25

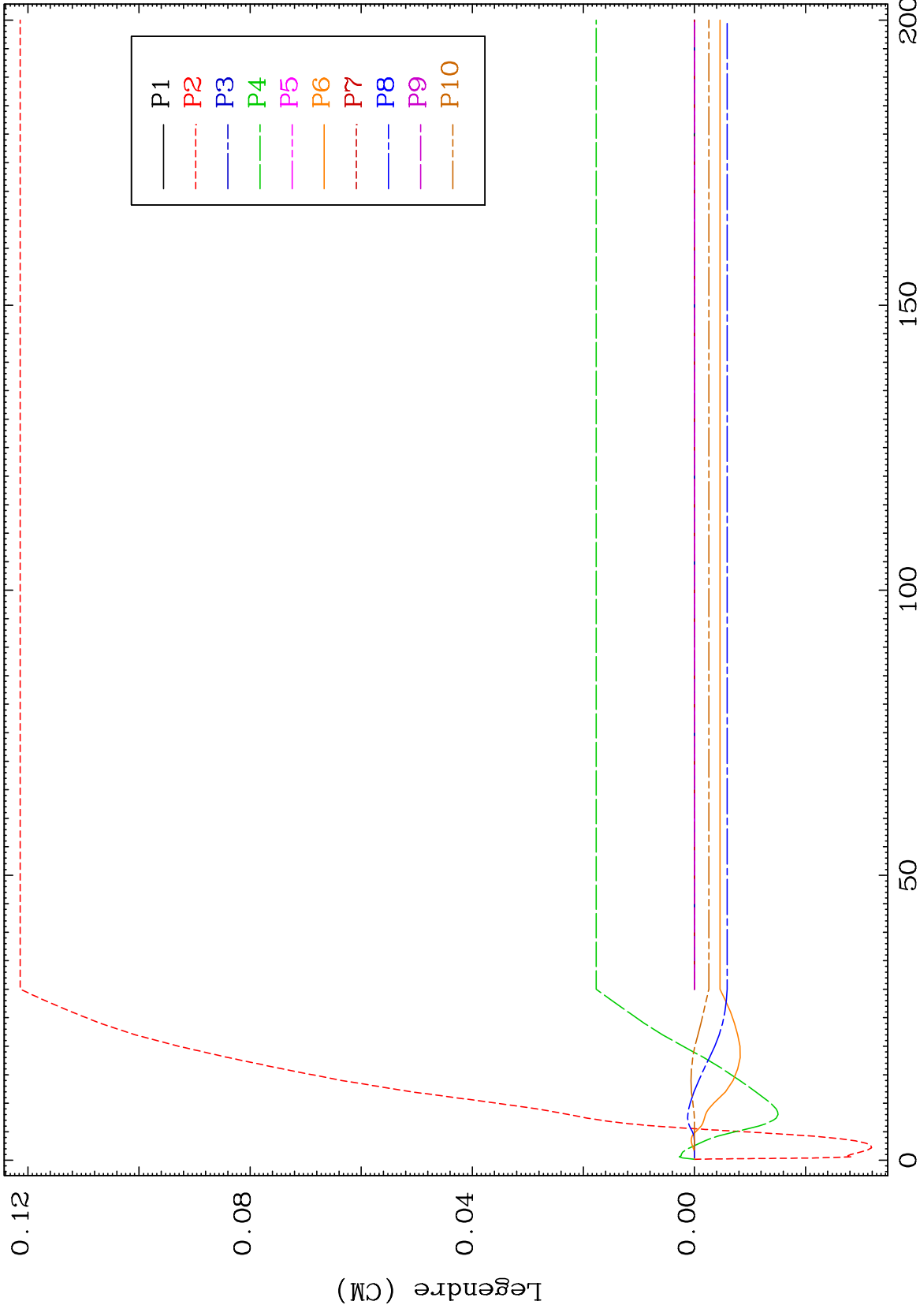
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



26

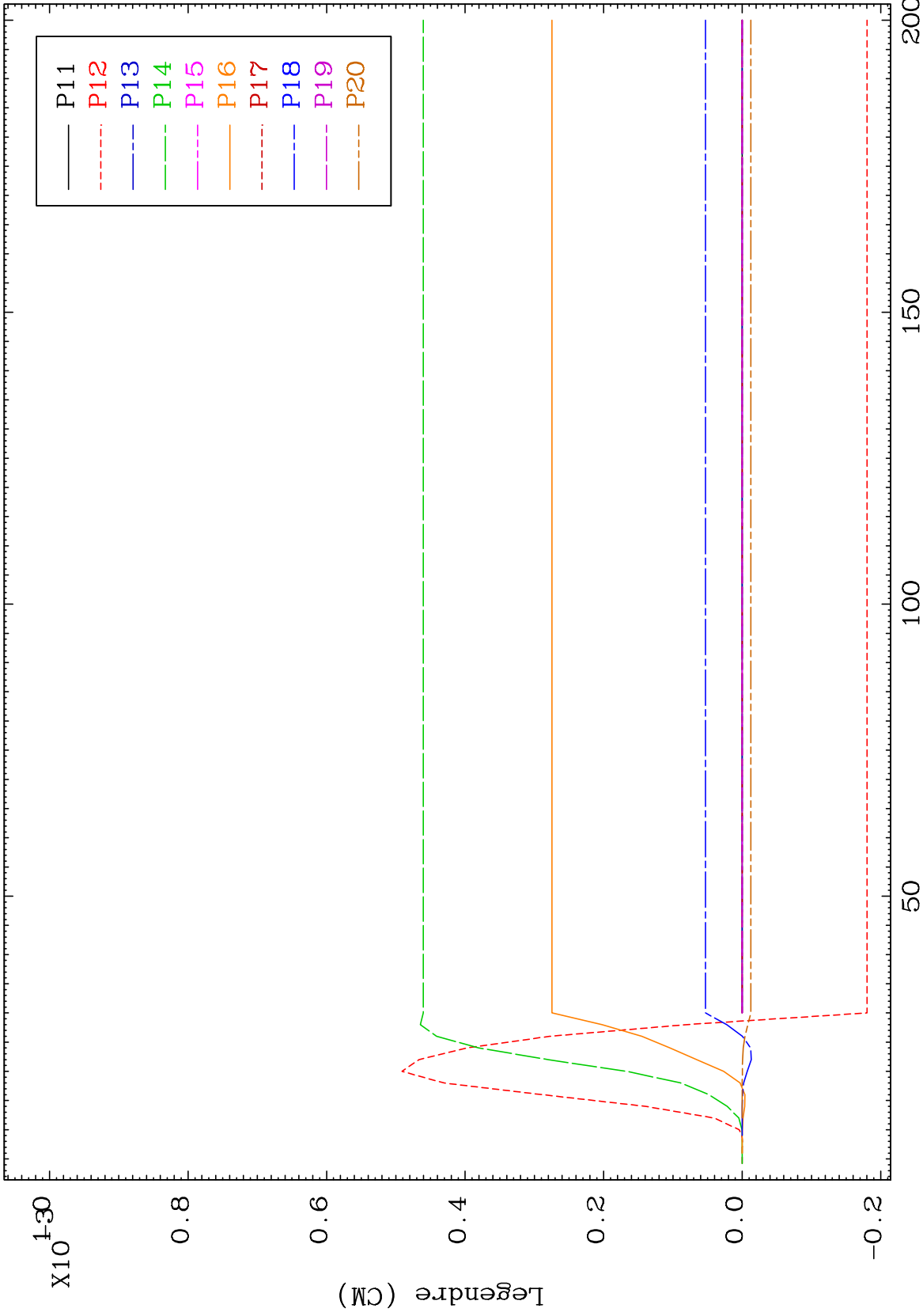
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



27

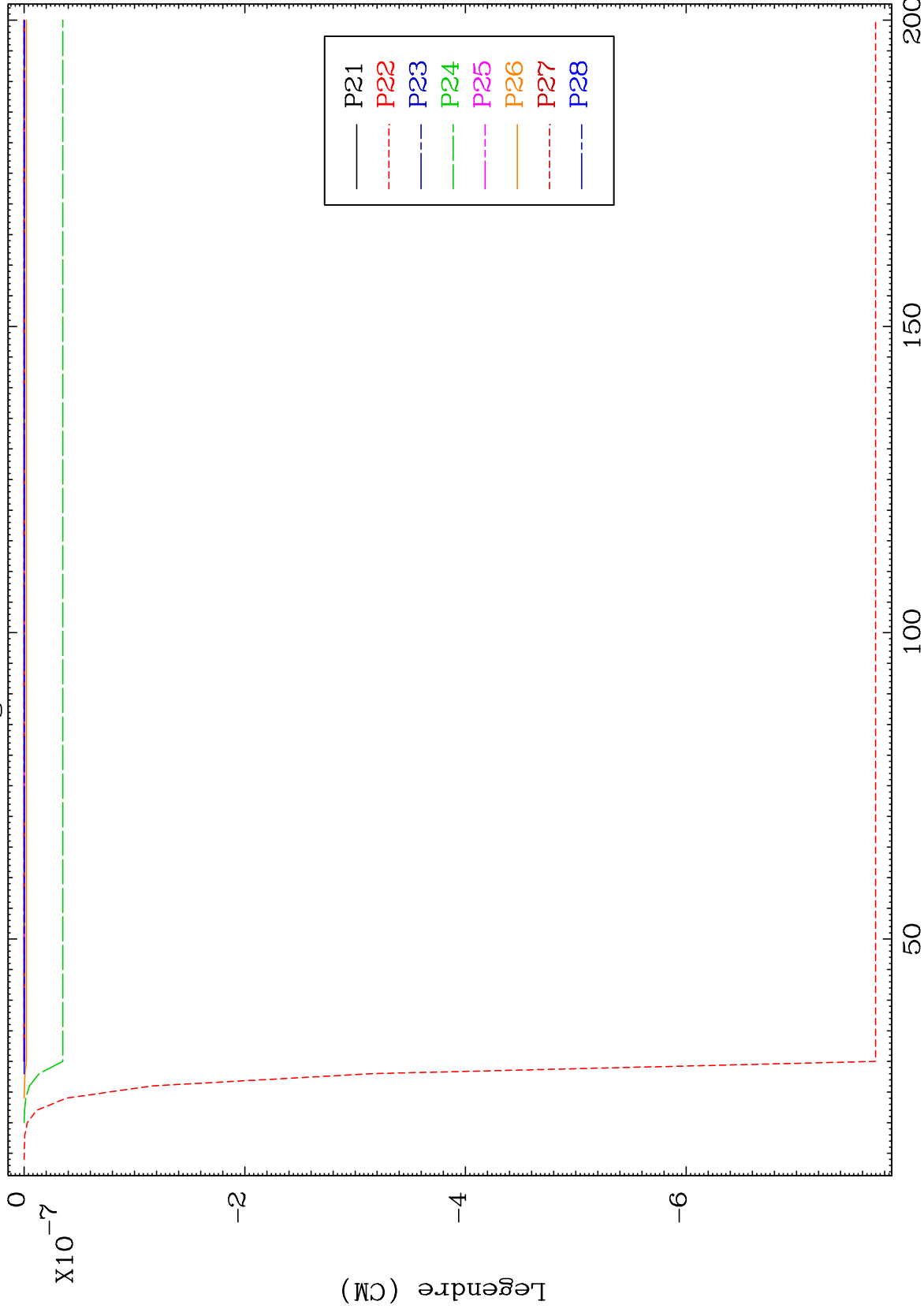
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



69-Tm-167

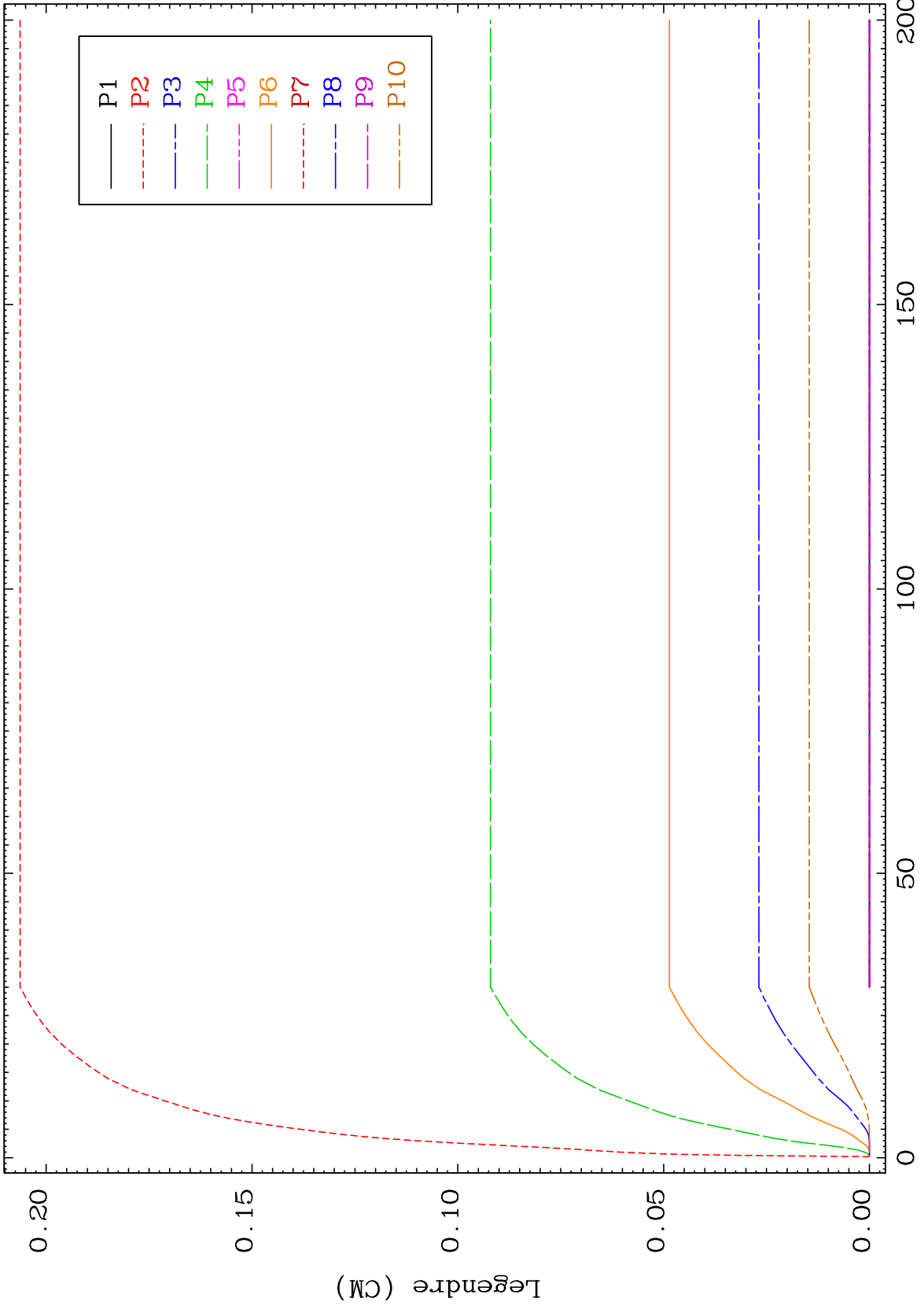
Incident Energy (MeV)

28

MAT 6919

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

69-Tm-167

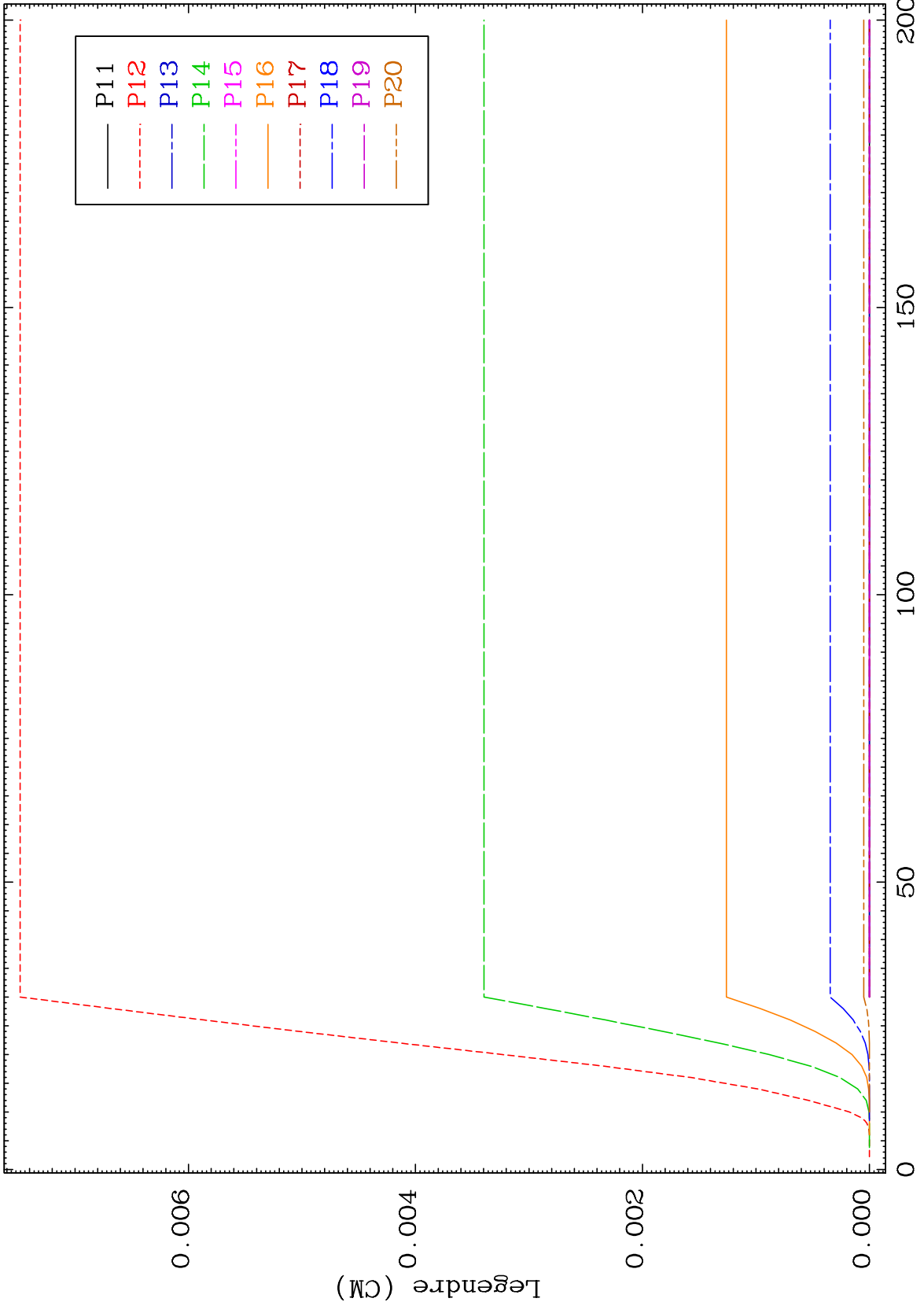


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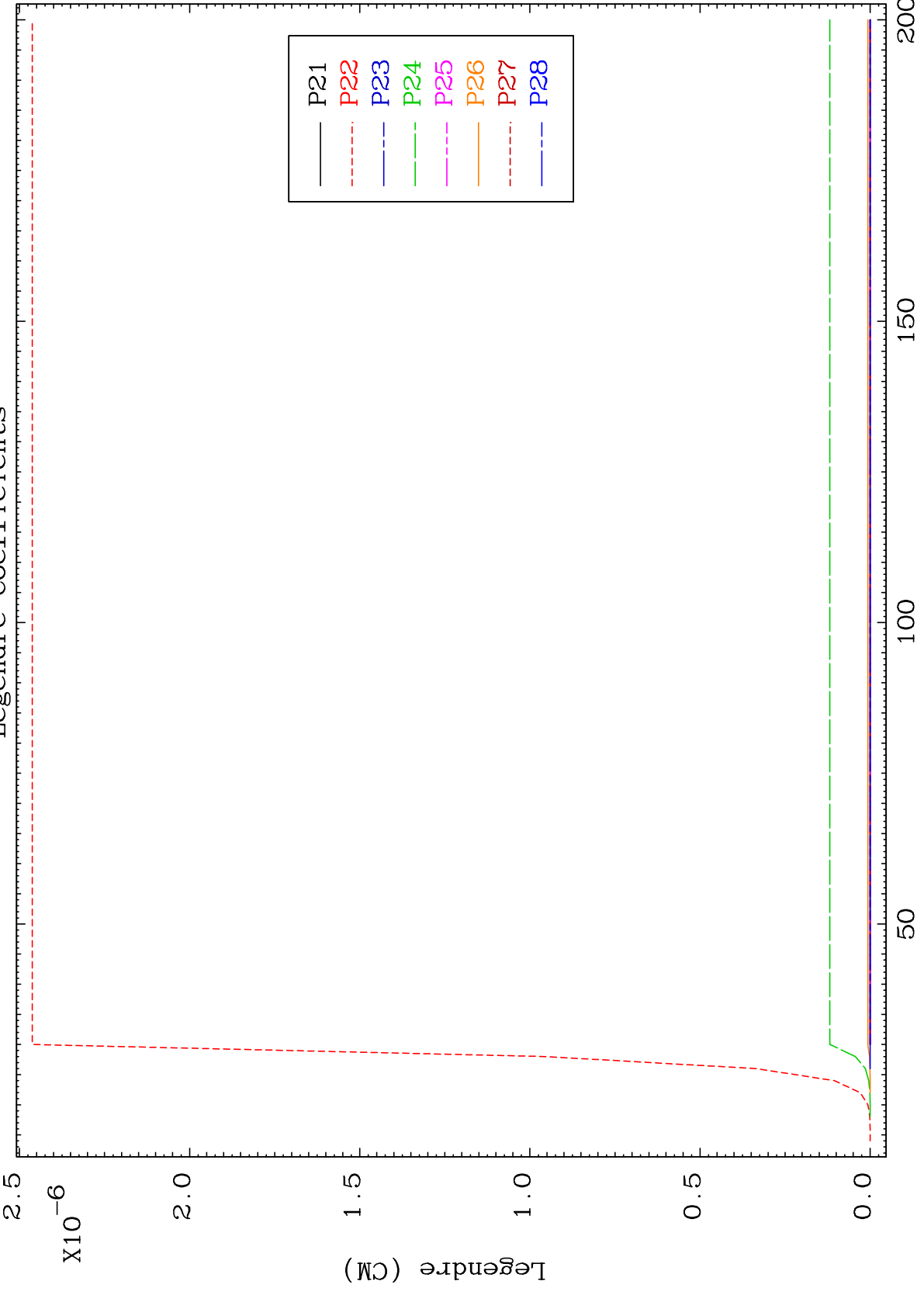
Incident Energy (MeV)

69-Tm-167

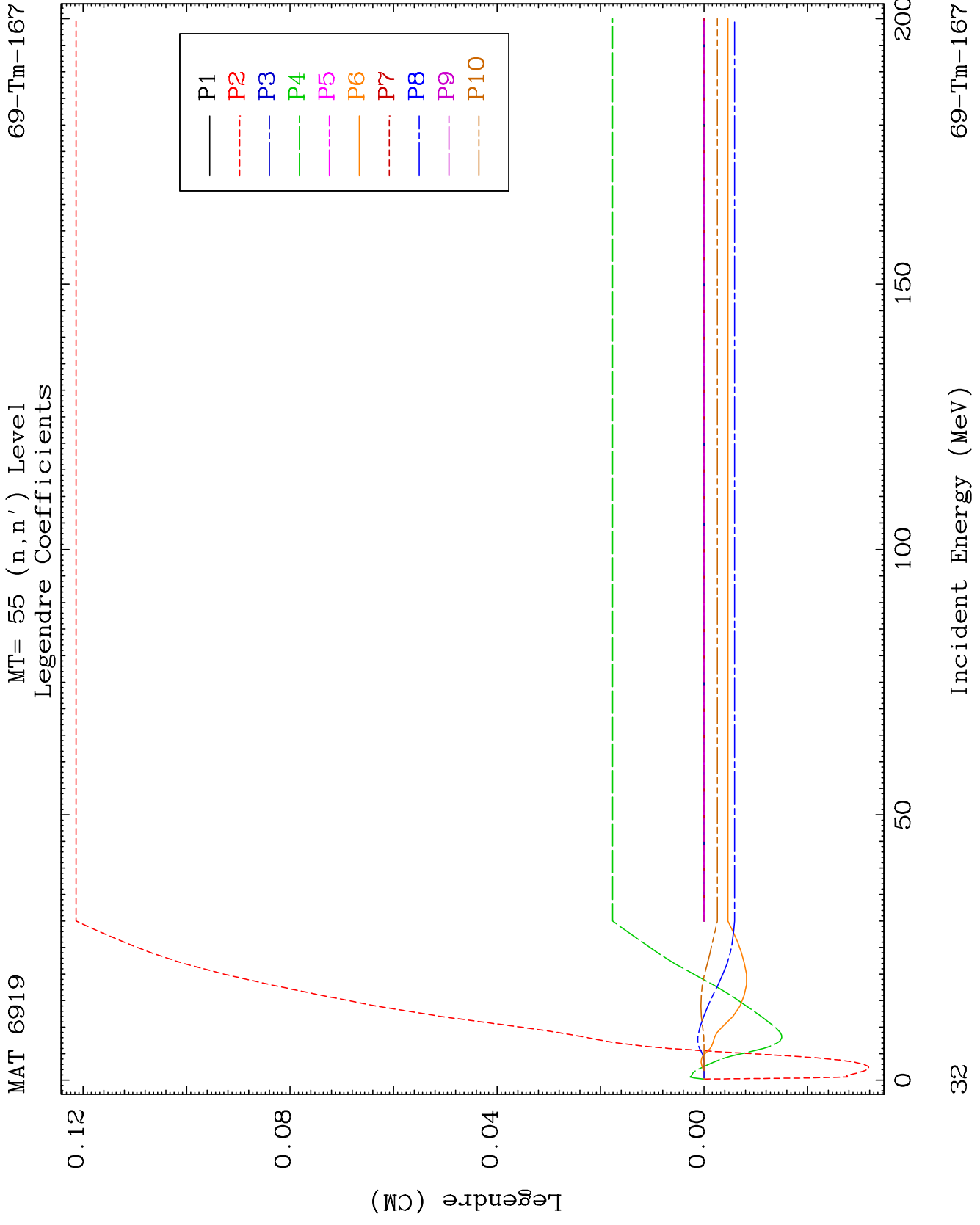
MAT 6919 MT= 54 (n,n') Level Legendre Coefficients 69-Tm-167



69-Tm-167



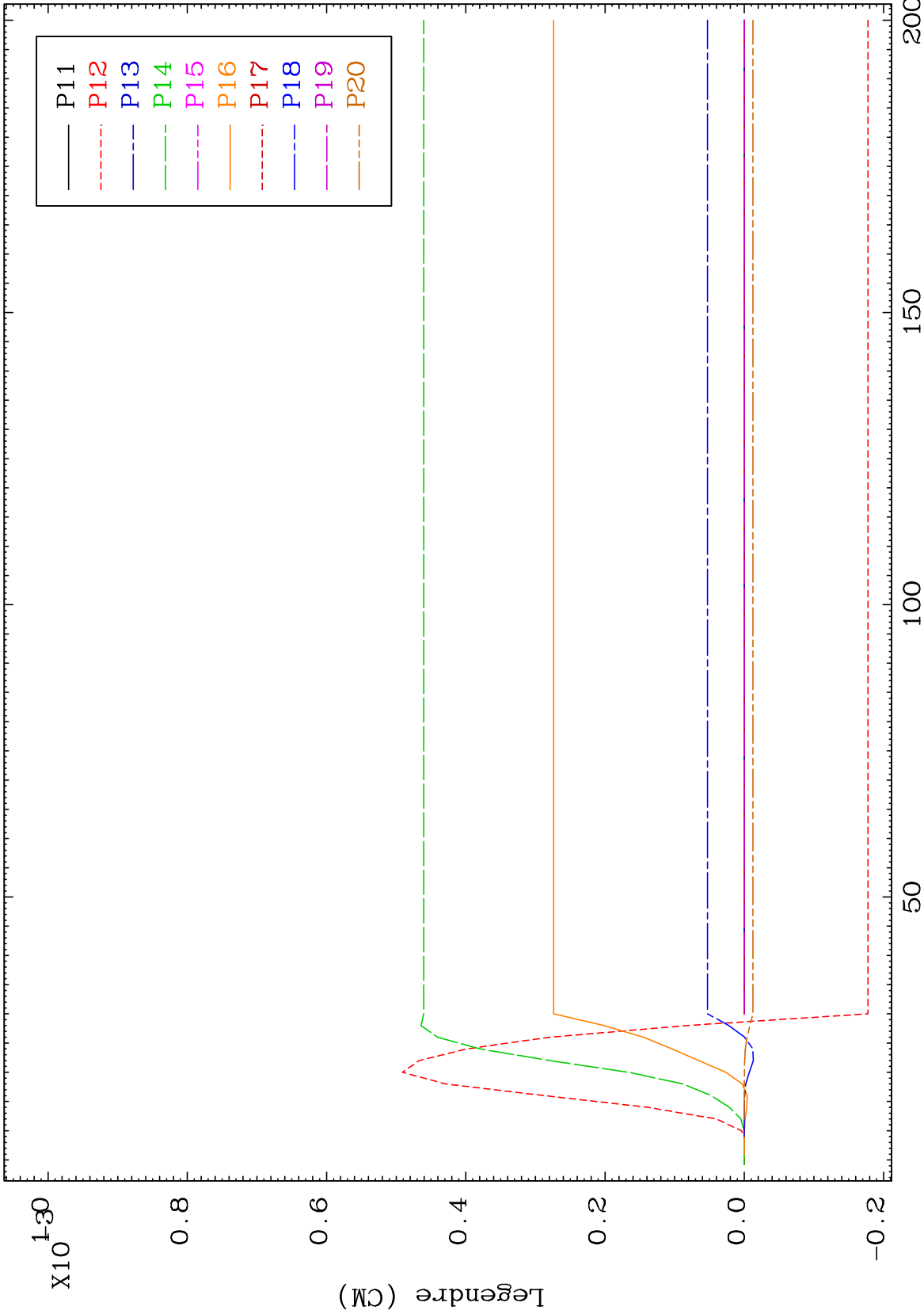




MAT 6919

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

69-Tm-167



33

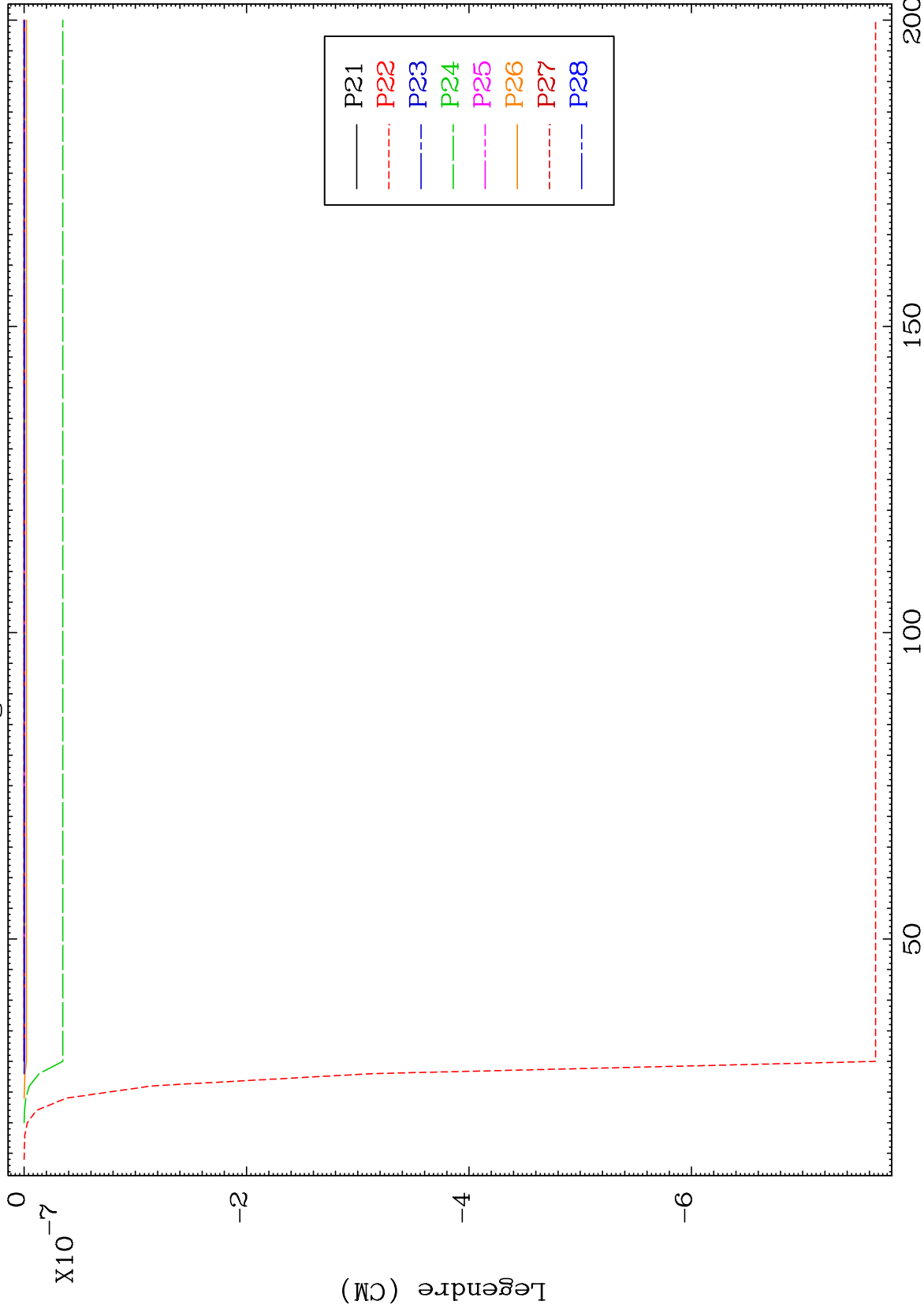
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167

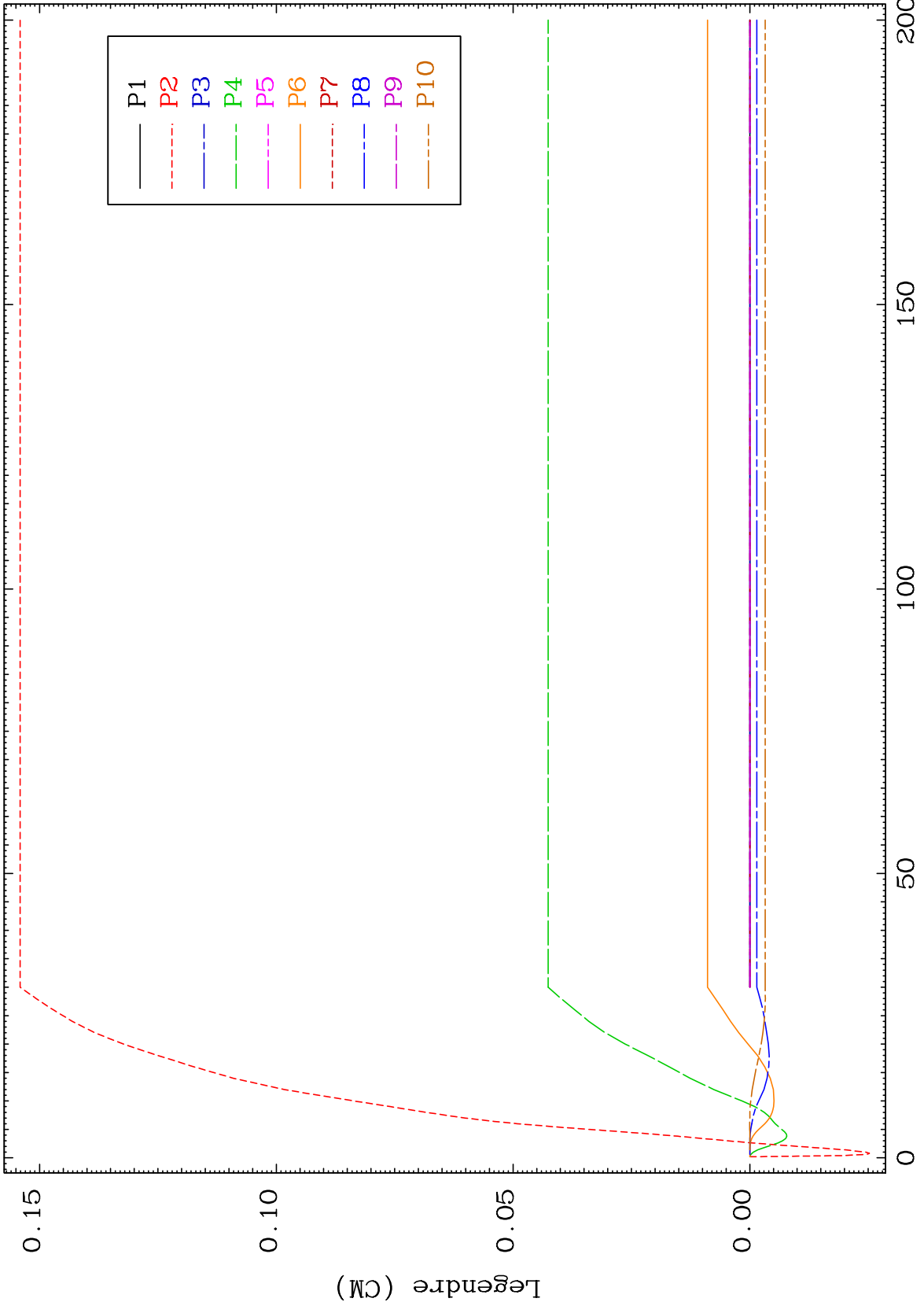


69-Tm-167

Incident Energy (MeV)

34

MAT 6919 MT= 56 (n,n') Level Legendre Coefficients 69-Tm-167

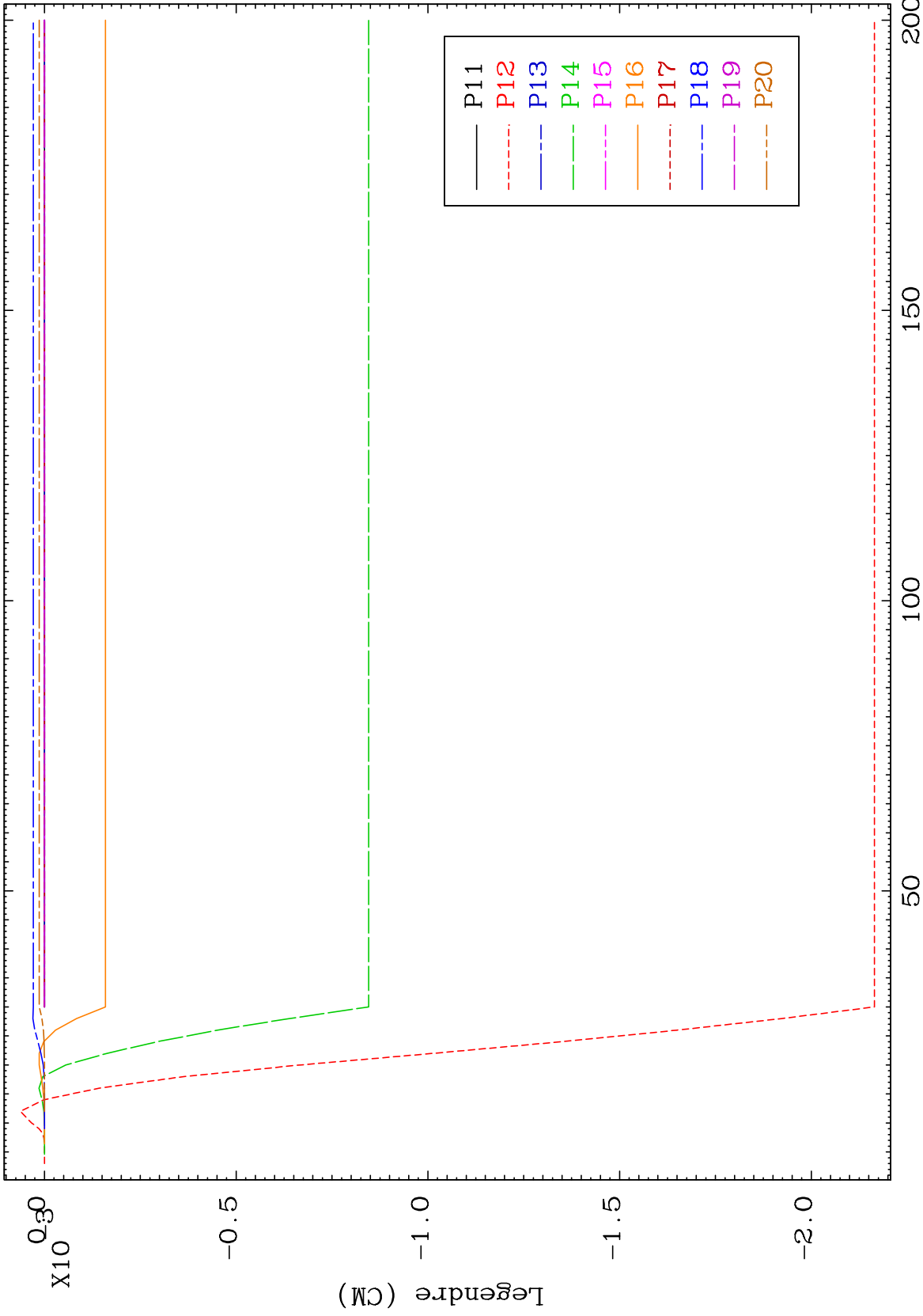


35 Incident Energy (MeV) 69-Tm-167

MAT 6919

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

69-Tm-167

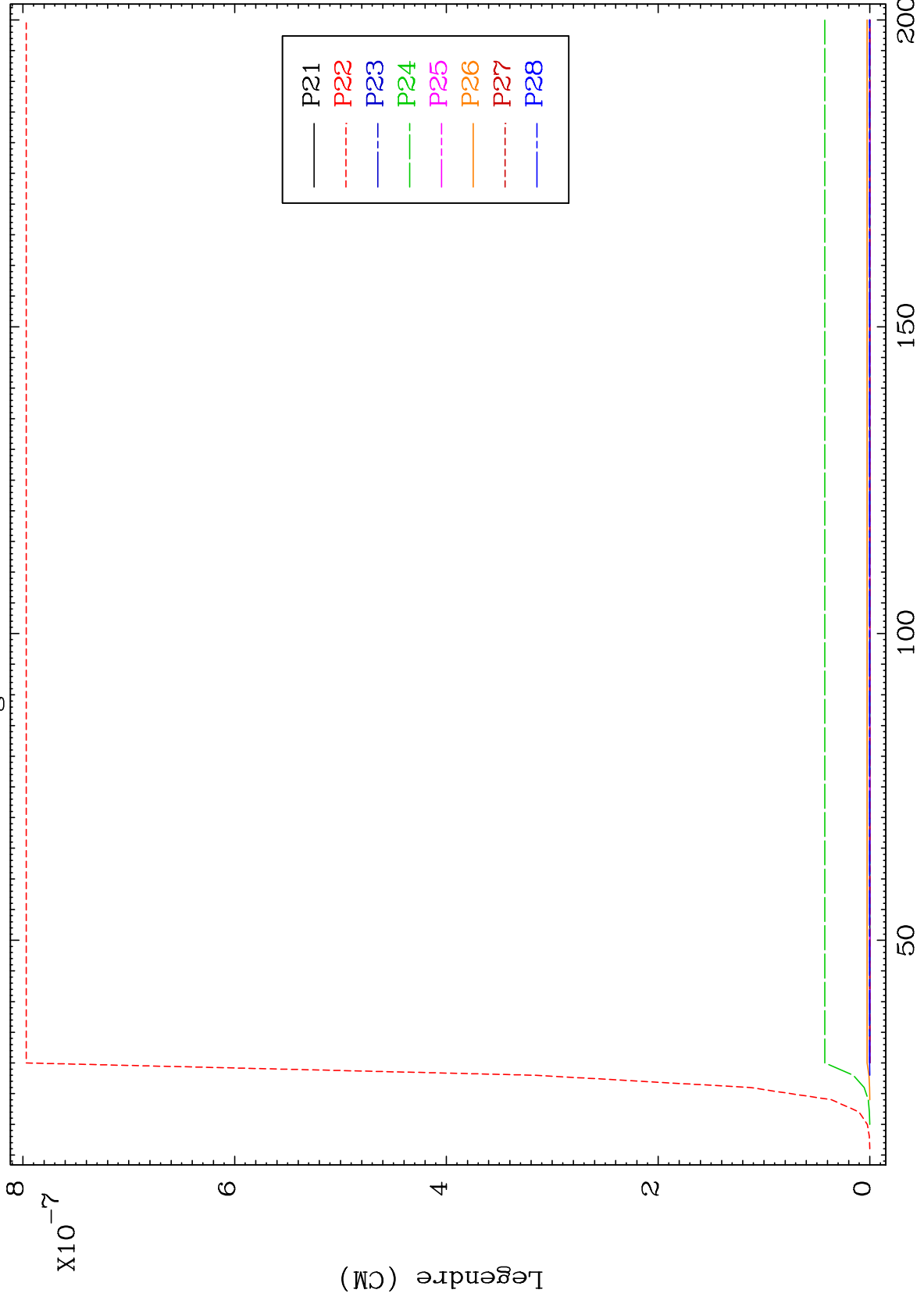


36

Incident Energy (MeV)

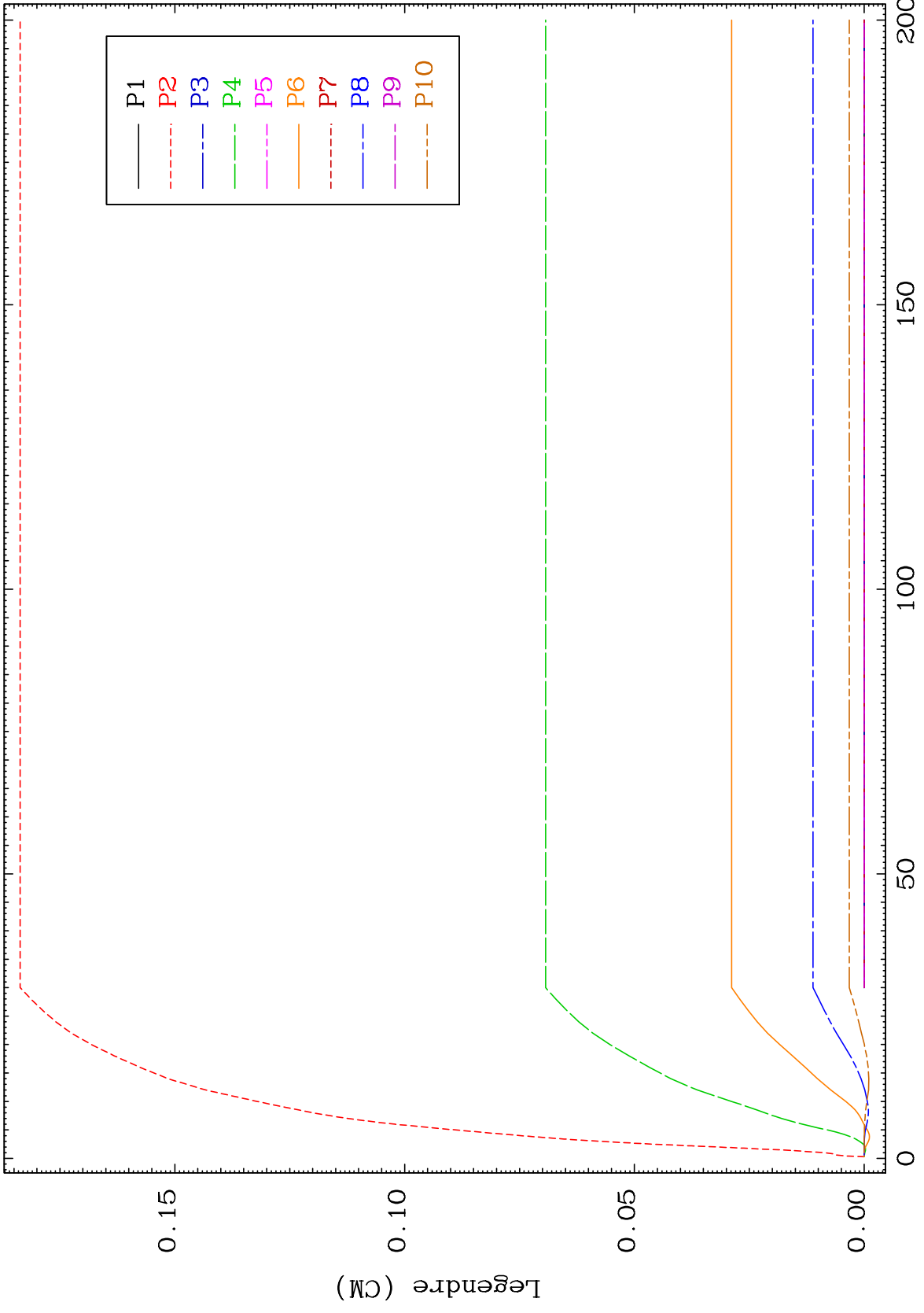
69-Tm-167

MAT 6919 MT= 56 (n,n') Level Legendre Coefficients 69-Tm-167



37 69-Tm-167

MAT 6919 MT= 57 (n,n') Level Legendre Coefficients 69-Tm-167

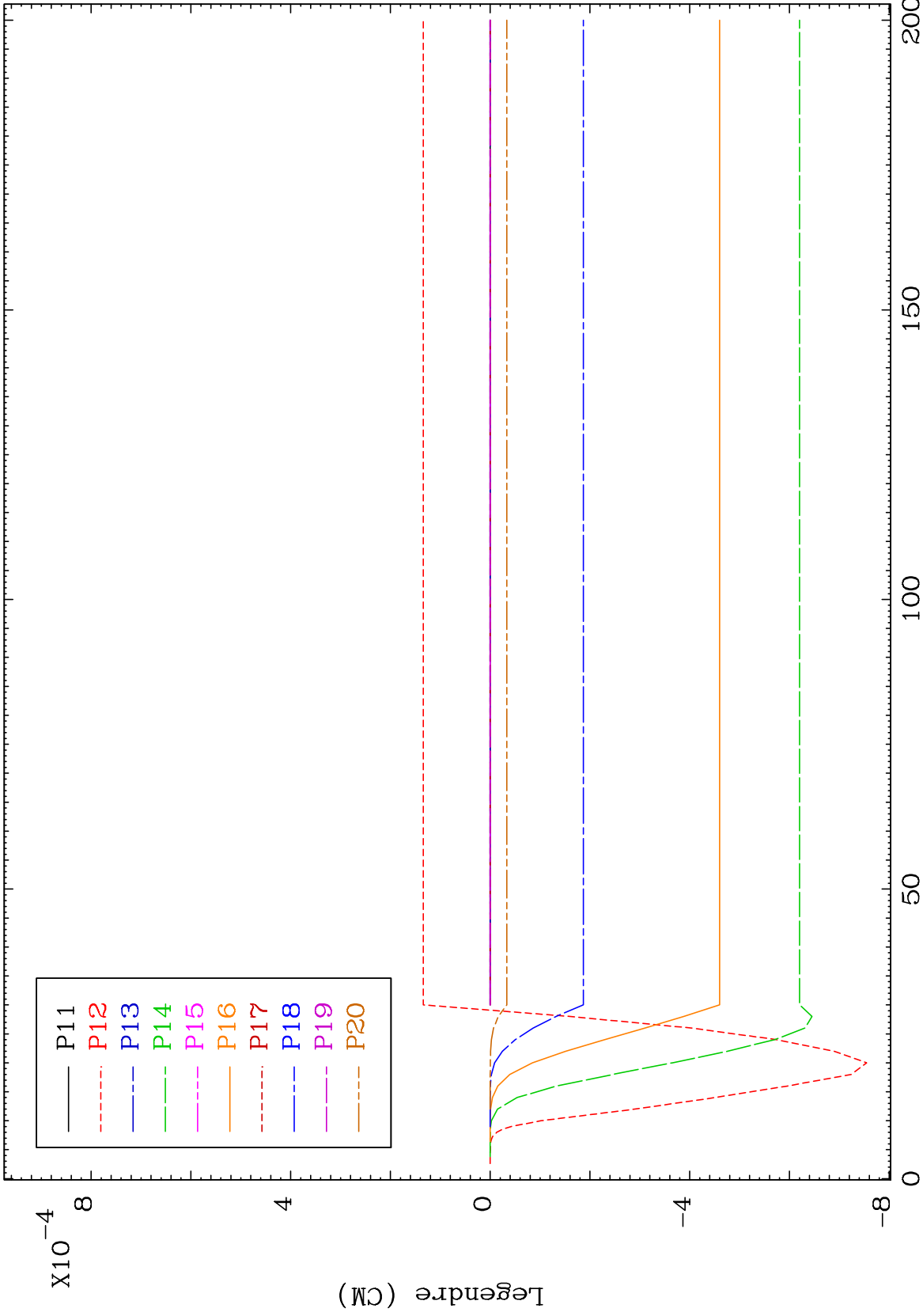


38 69-Tm-167

MAT 6919

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

69-Tm-167



39

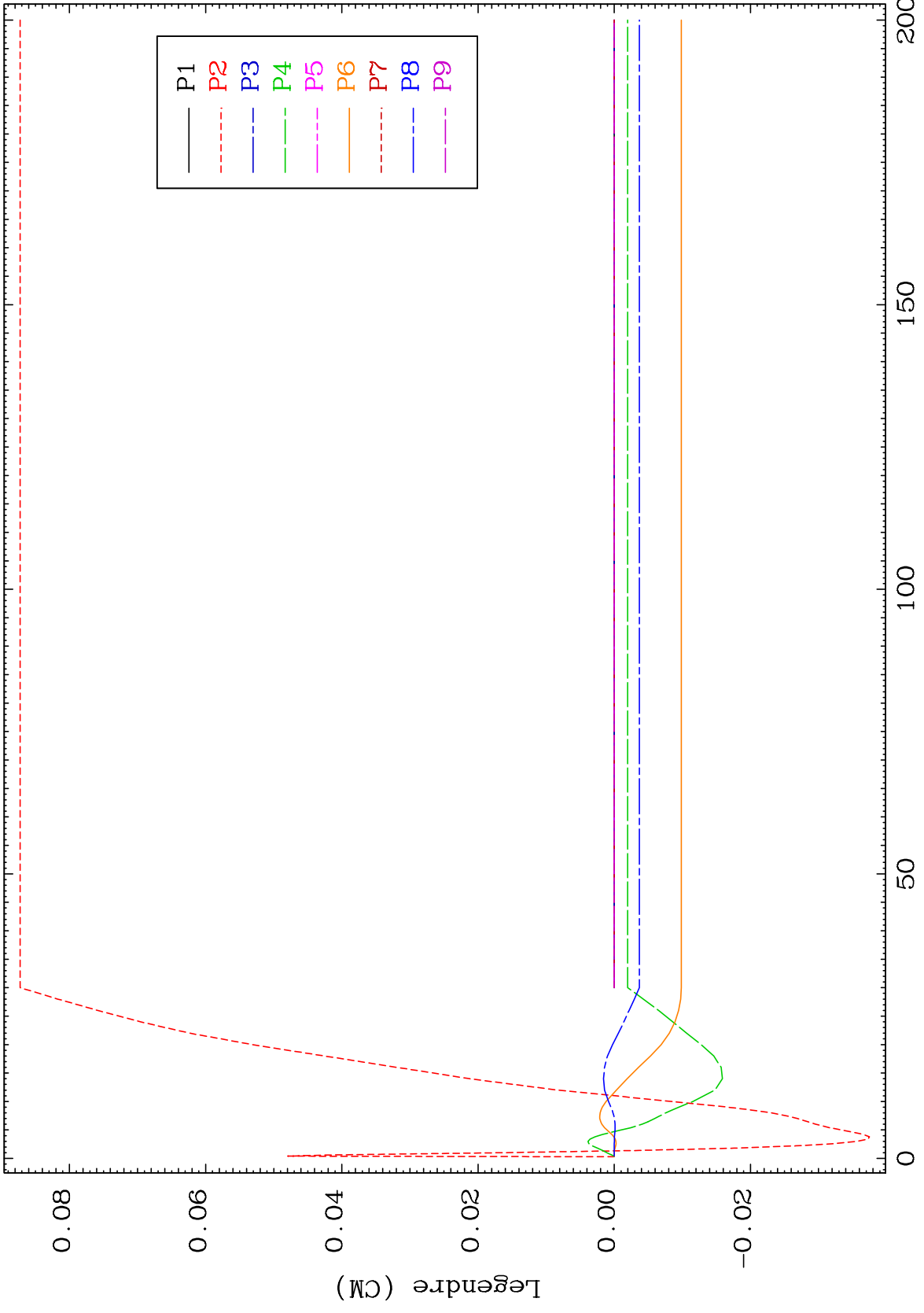
Incident Energy (MeV)

69-Tm-167





MAT 6919 MT= 58 (n,n') Level Legendre Coefficients 69-Tm-167

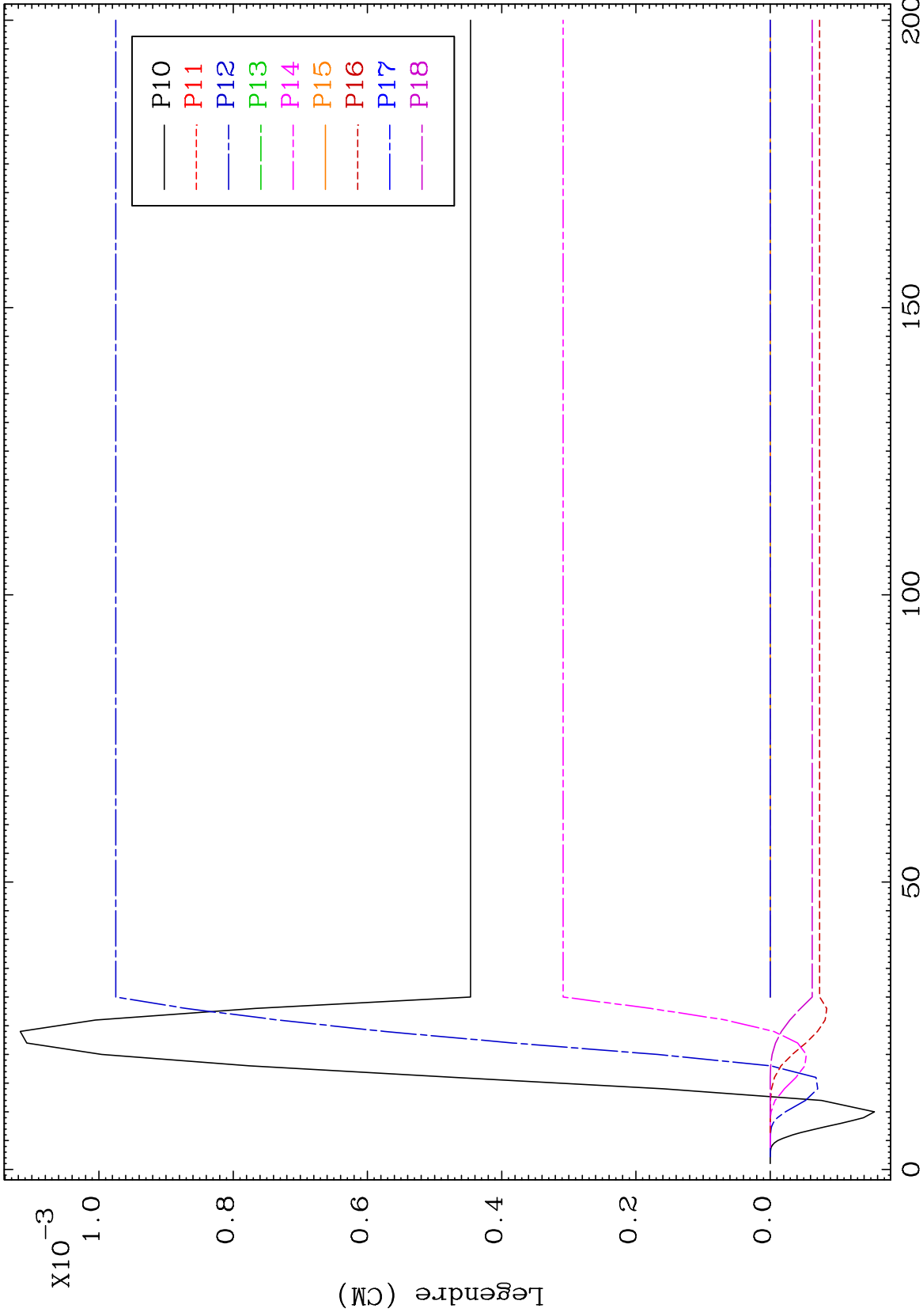


41 69-Tm-167

MAT 6919

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

69-Tm-167



42

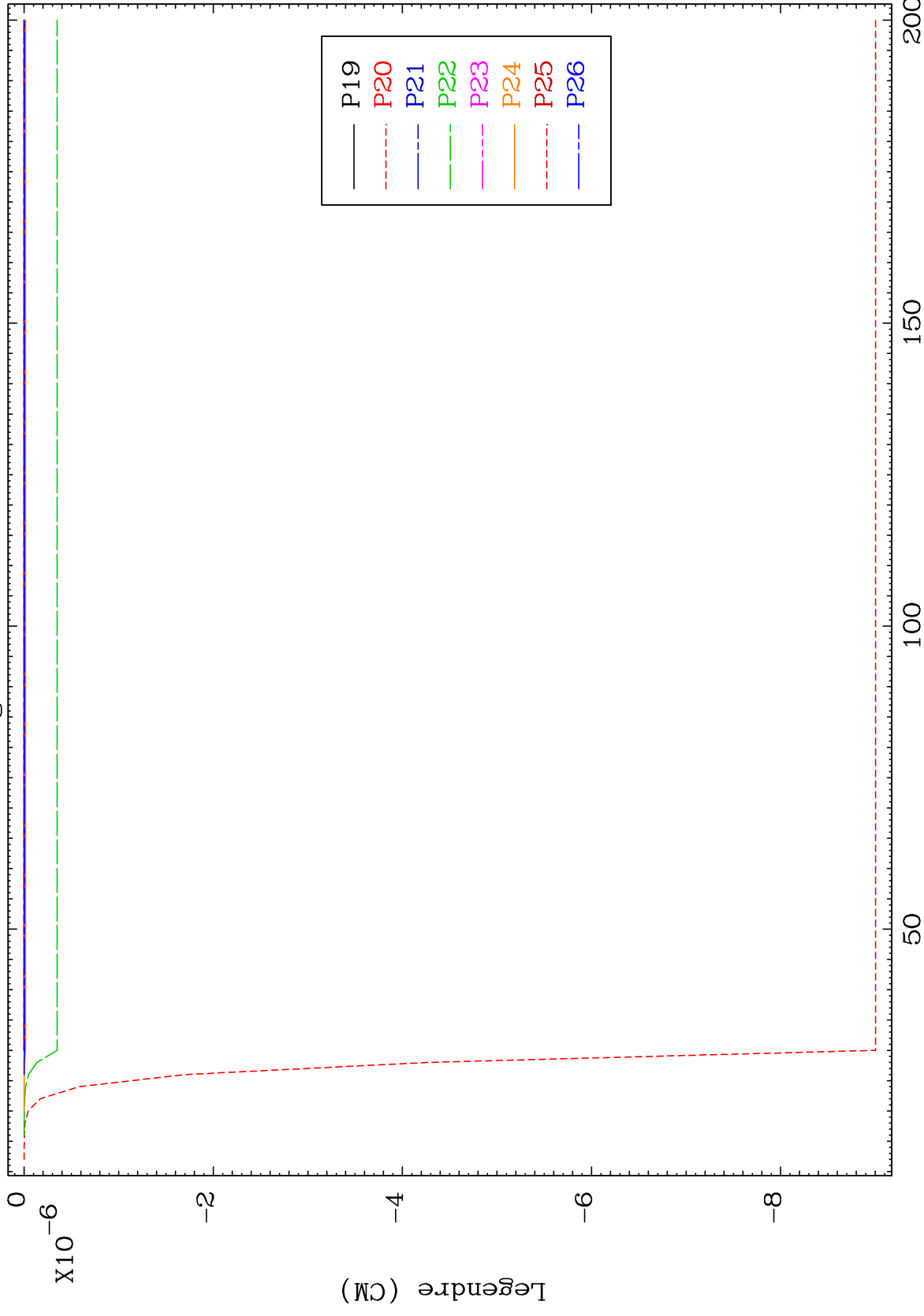
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167

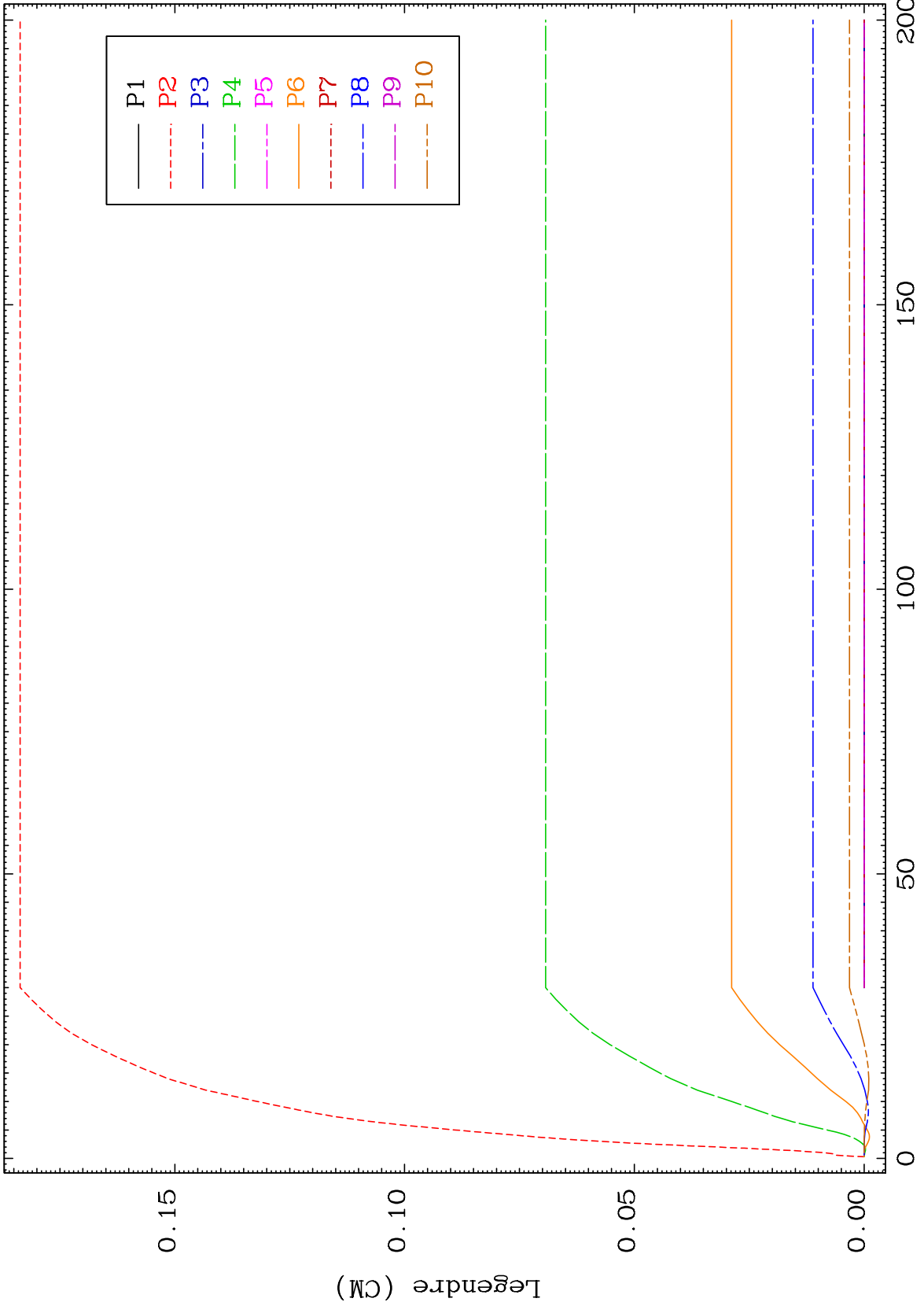


69-Tm-167

Incident Energy (MeV)

43

MAT 6919 MT= 59 (n,n') Level Legendre Coefficients 69-Tm-167

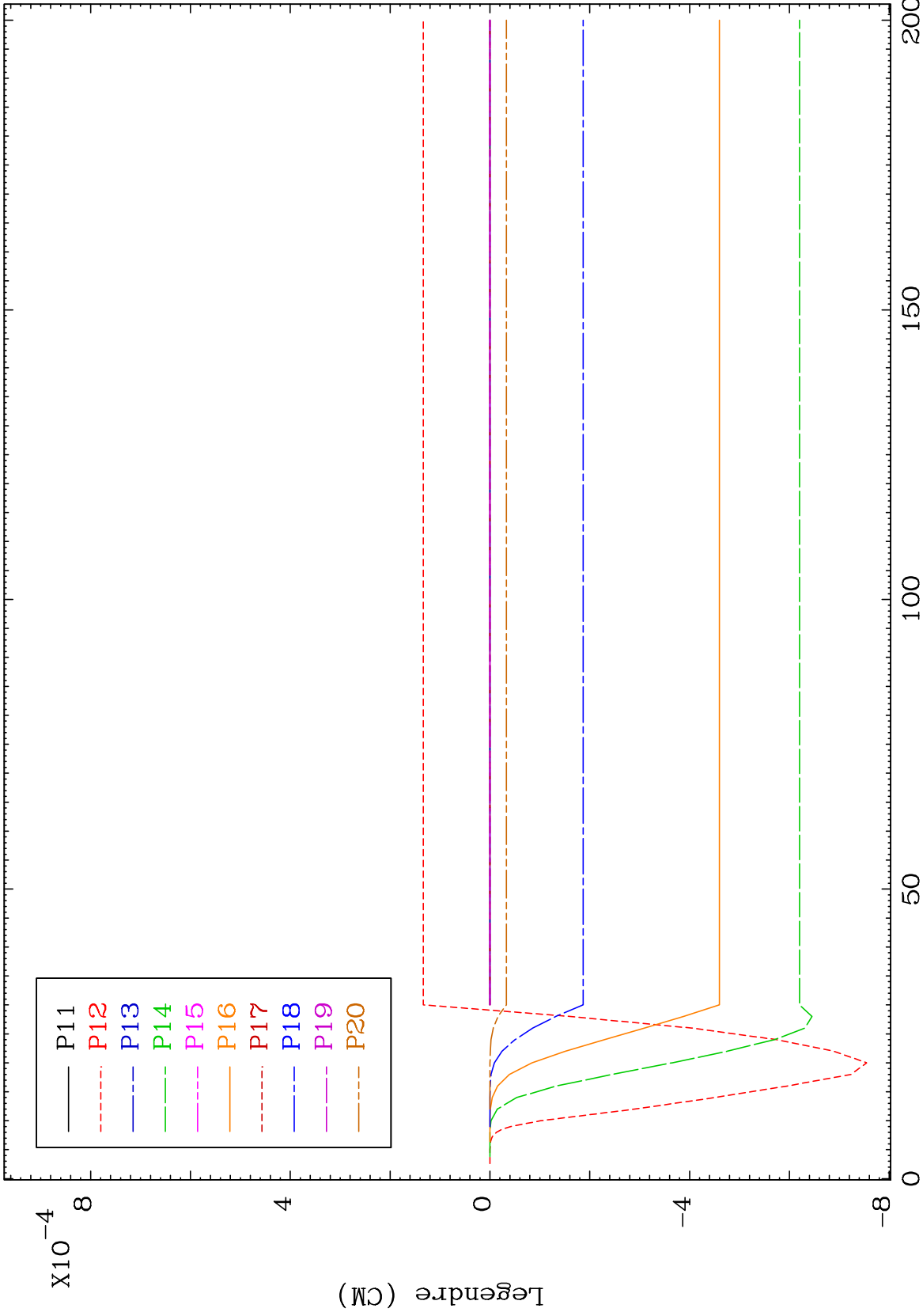


44 69-Tm-167

MAT 6919

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

69-Tm-167

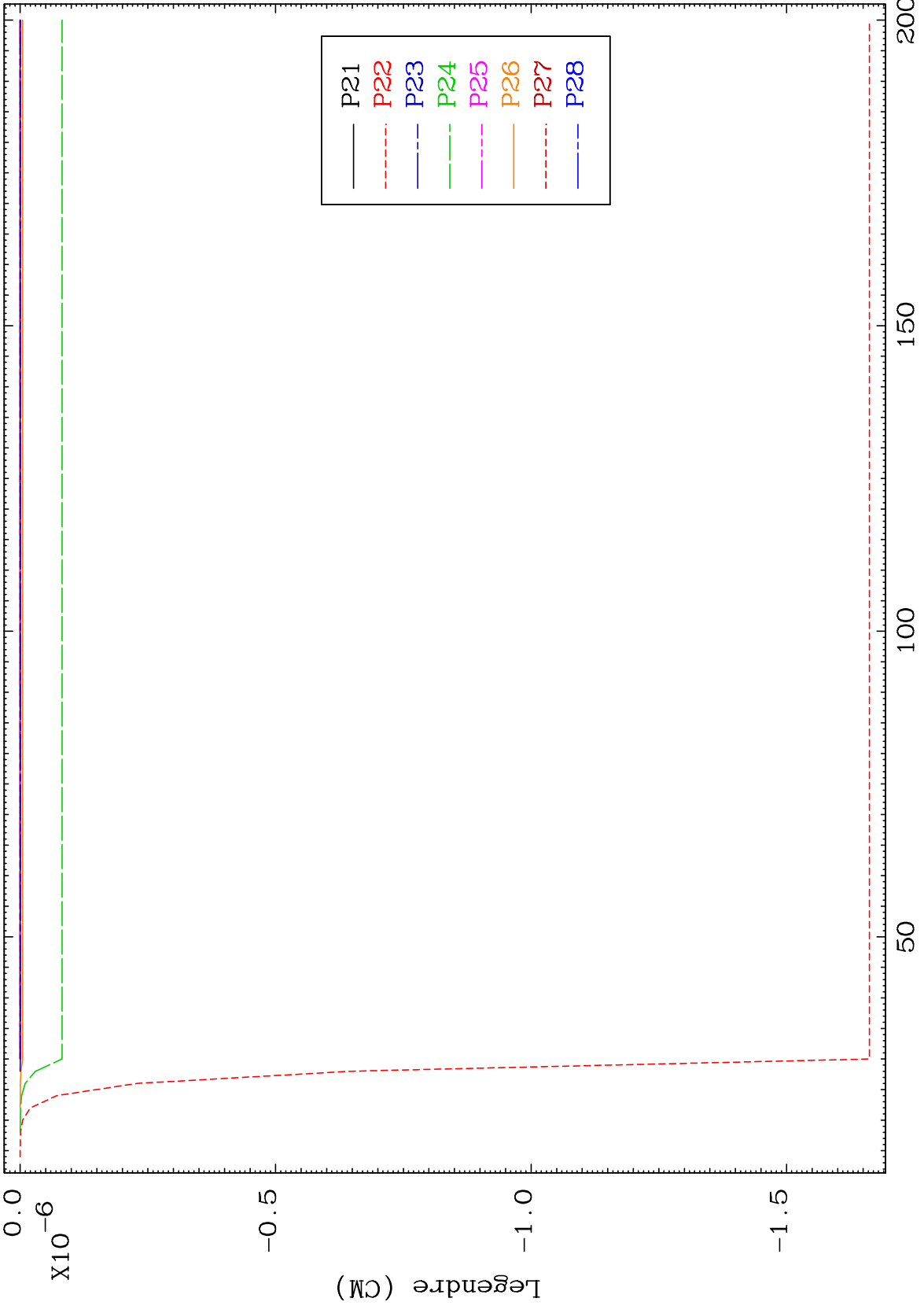


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Incident Energy (MeV)

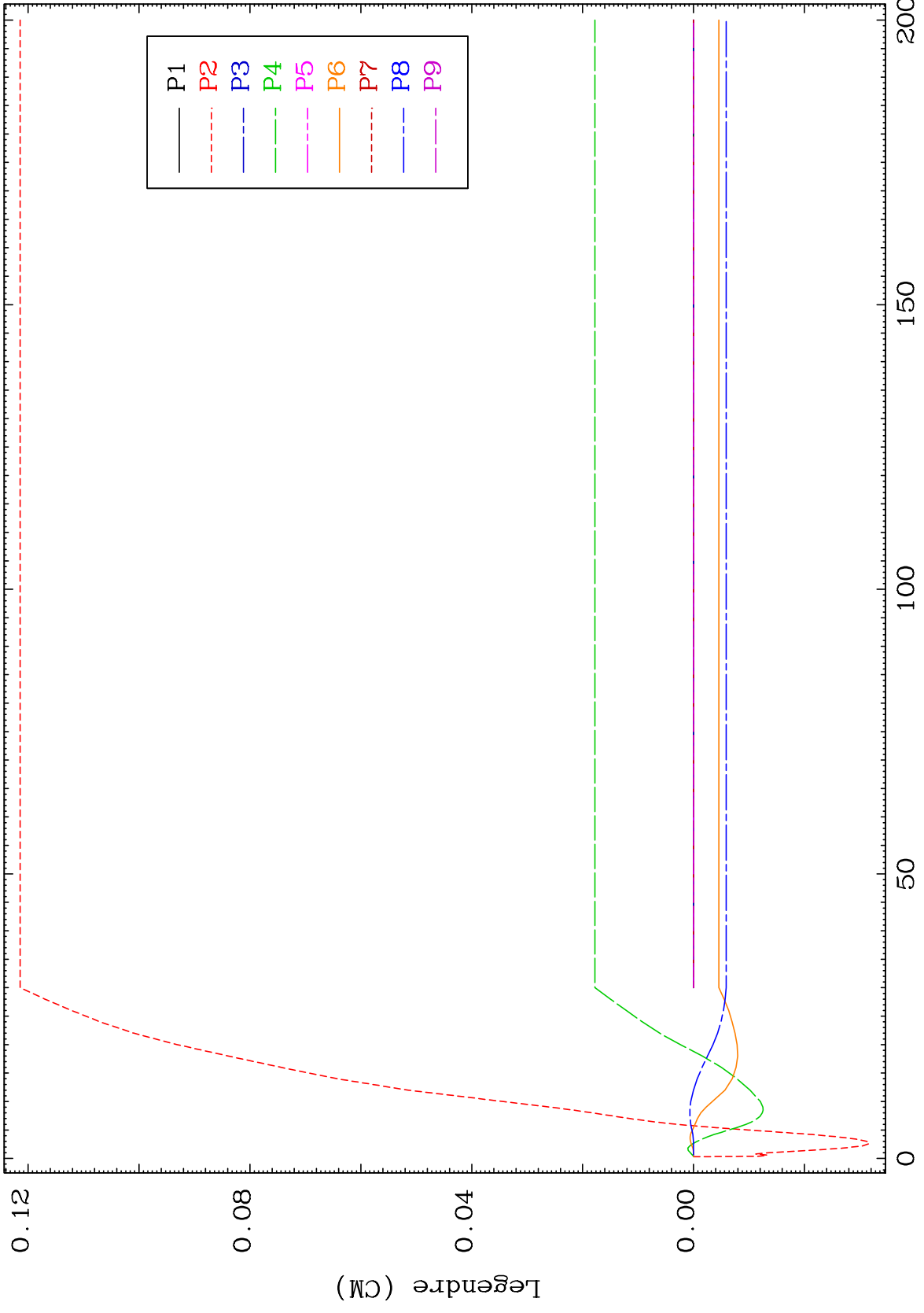
69-Tm-167

MAT 6919 MT= 59 (n,n') Level Legendre Coefficients 69-Tm-167



46 Incident Energy (MeV) 69-Tm-167

MAT 6919 MT= 60 (n,n') Level Legendre Coefficients 69-Tm-167



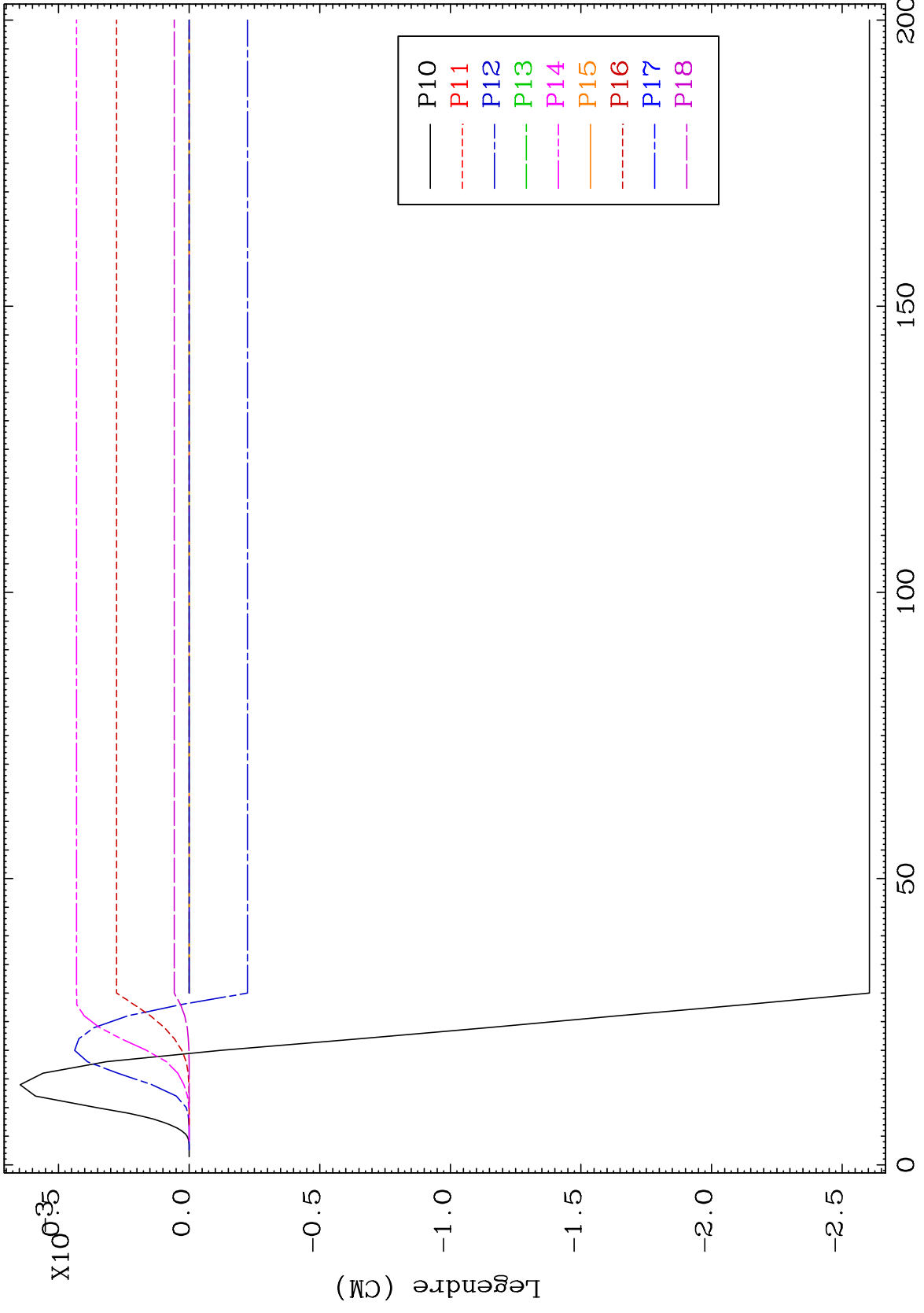
47 69-Tm-167



MAT 6919

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

69-Tm-167



48

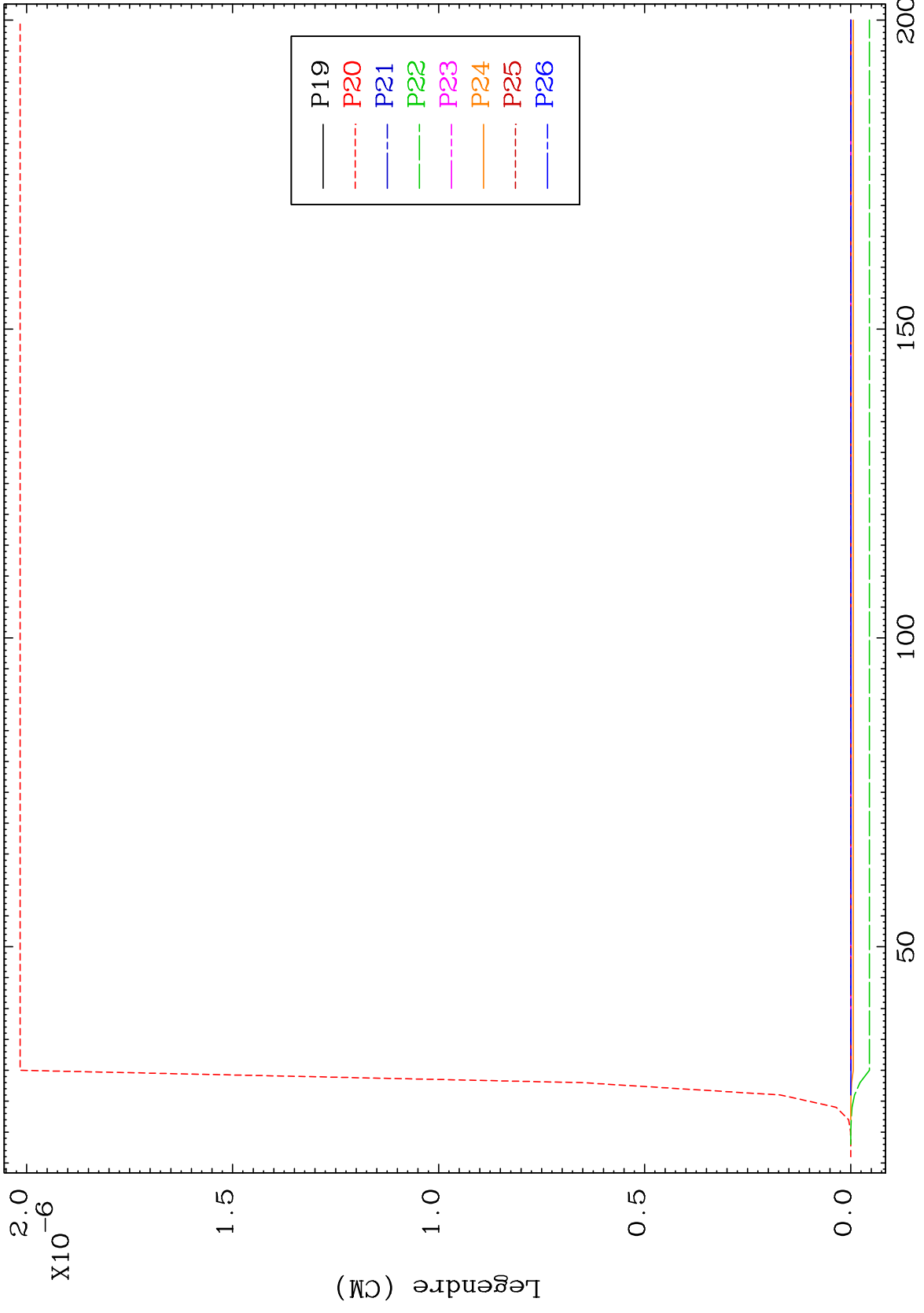
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



69-Tm-167

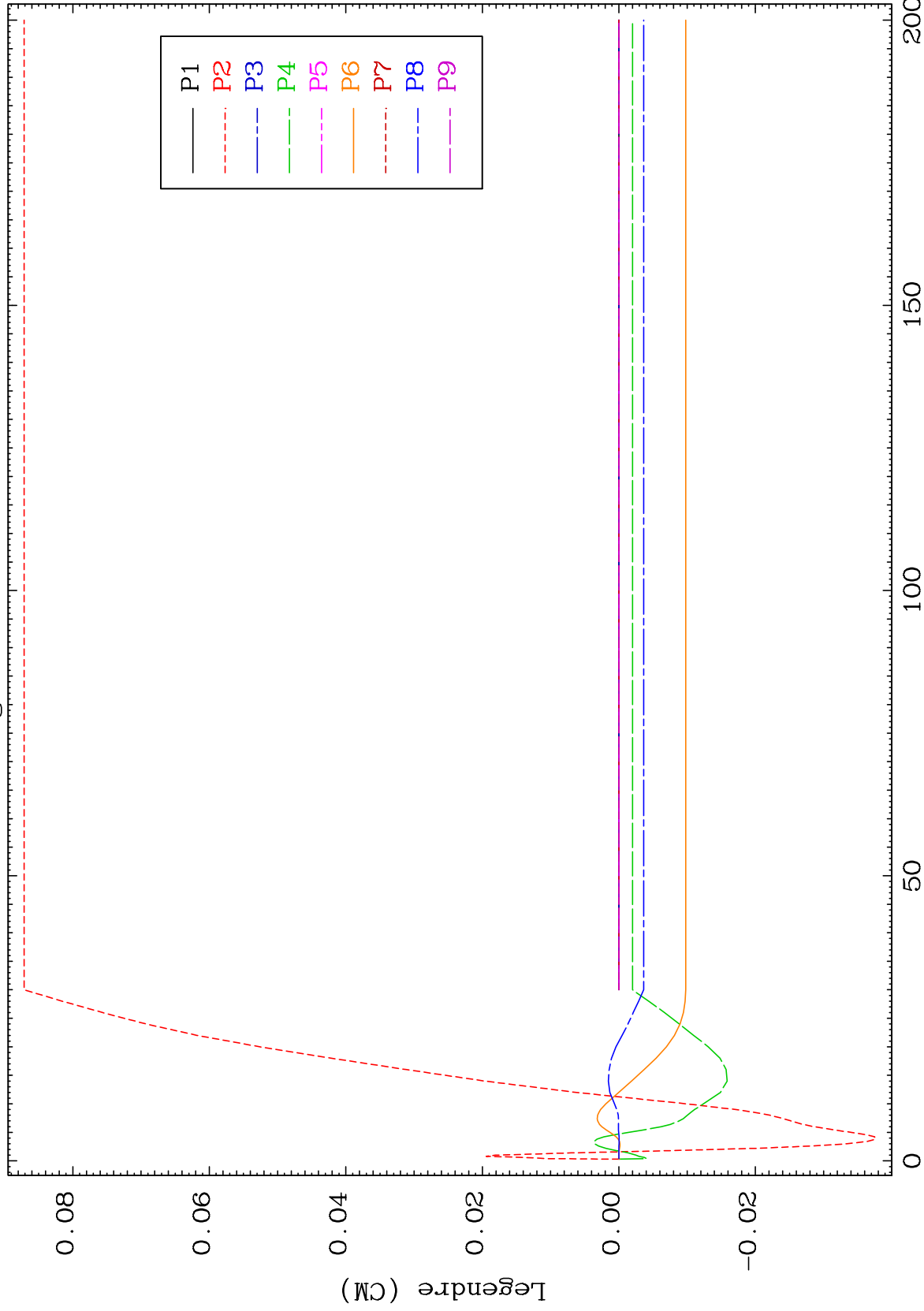
Incident Energy (MeV)

49

MAT 6919

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

69-Tm-167



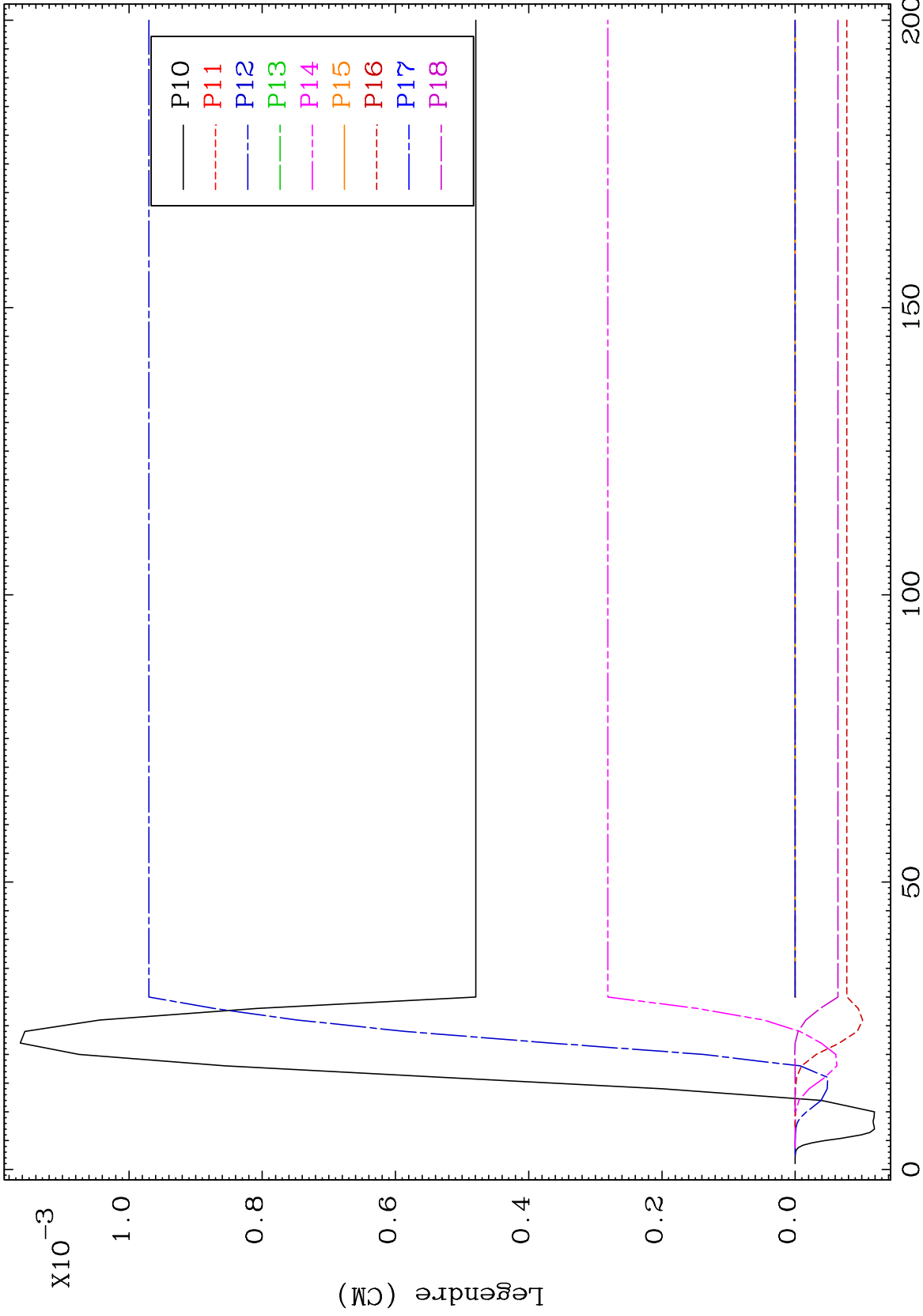
69-Tm-167

Incident Energy (MeV)

MAT 6919

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

69-Tm-167



51

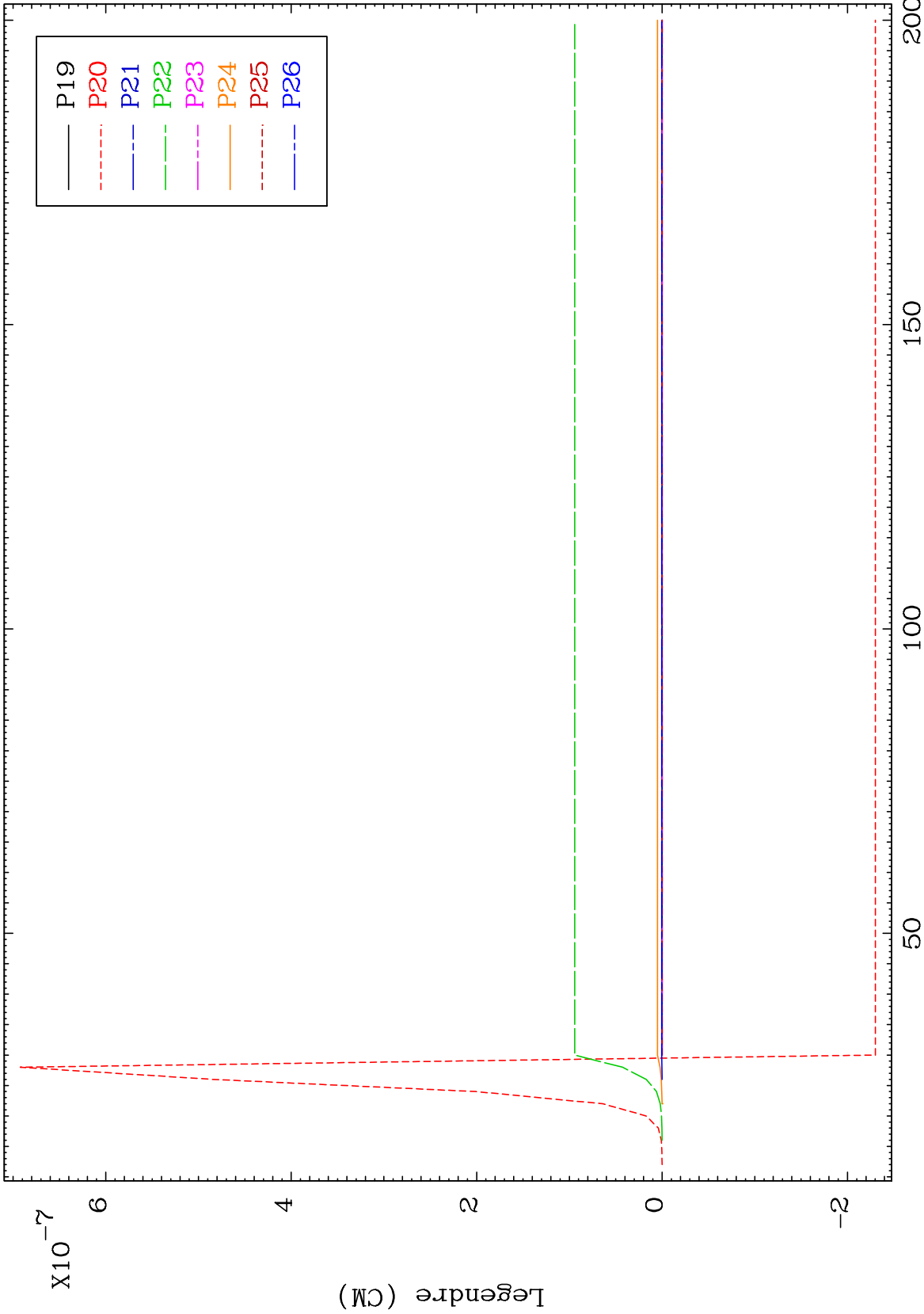
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



52

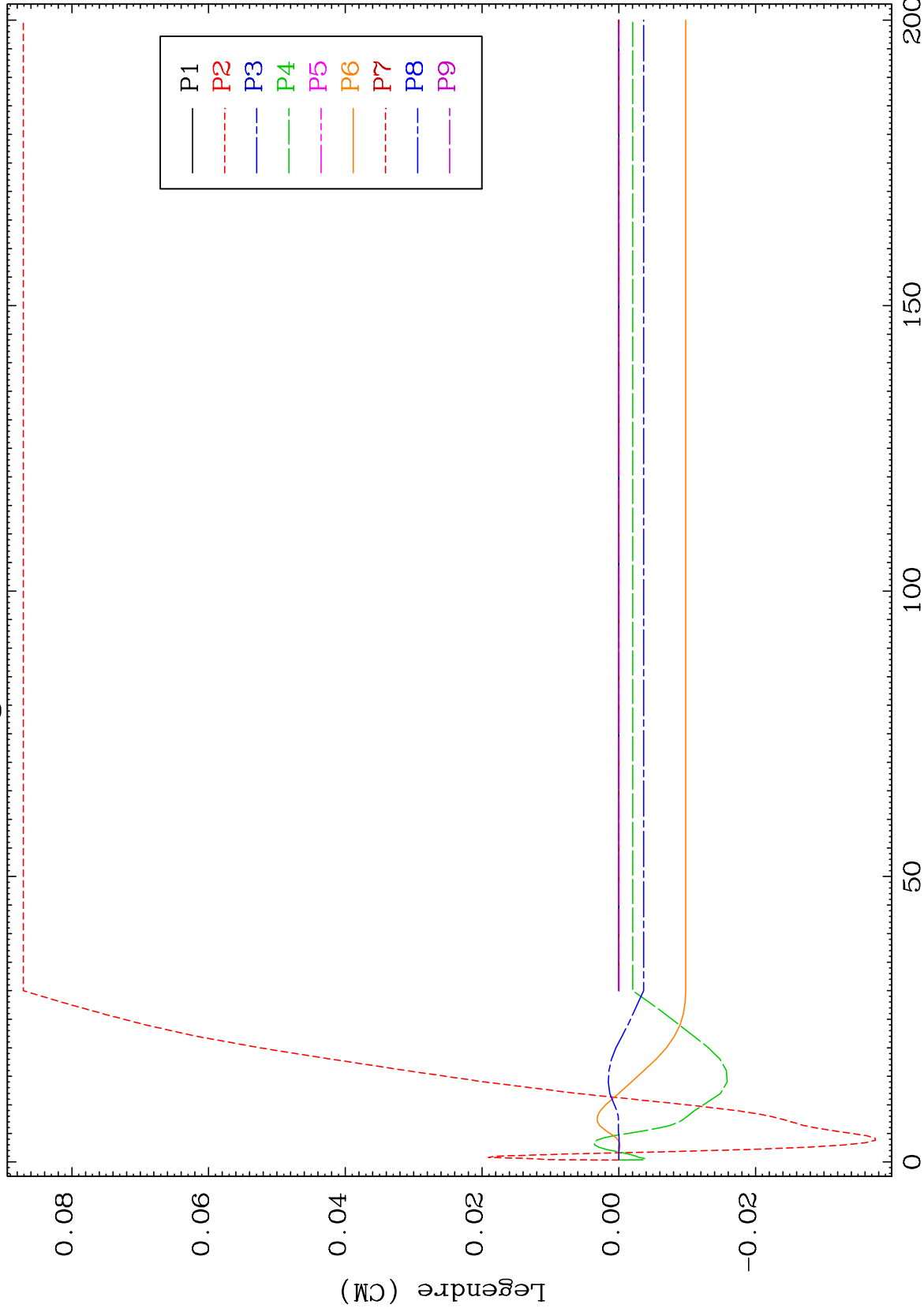
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



53

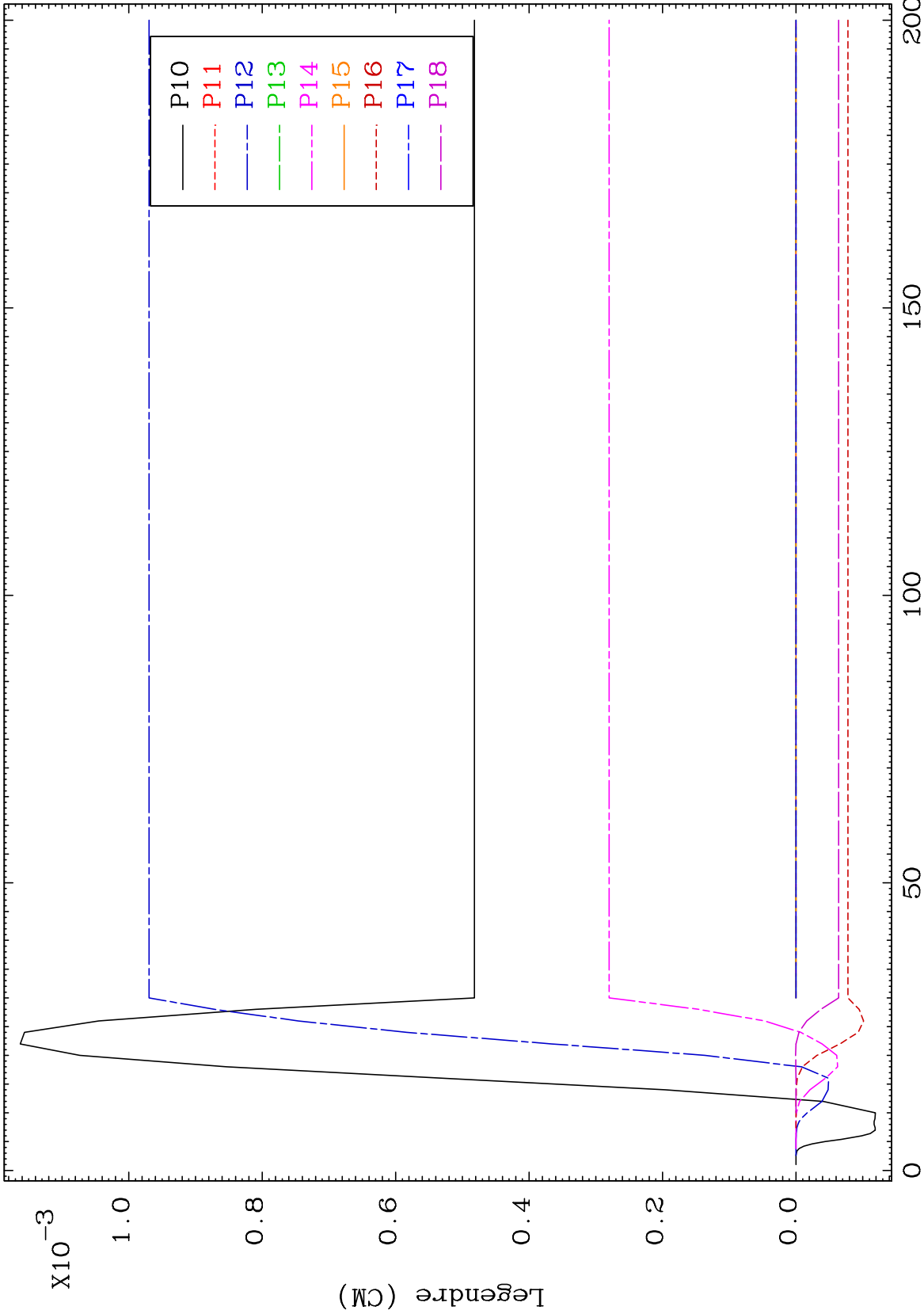
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



54

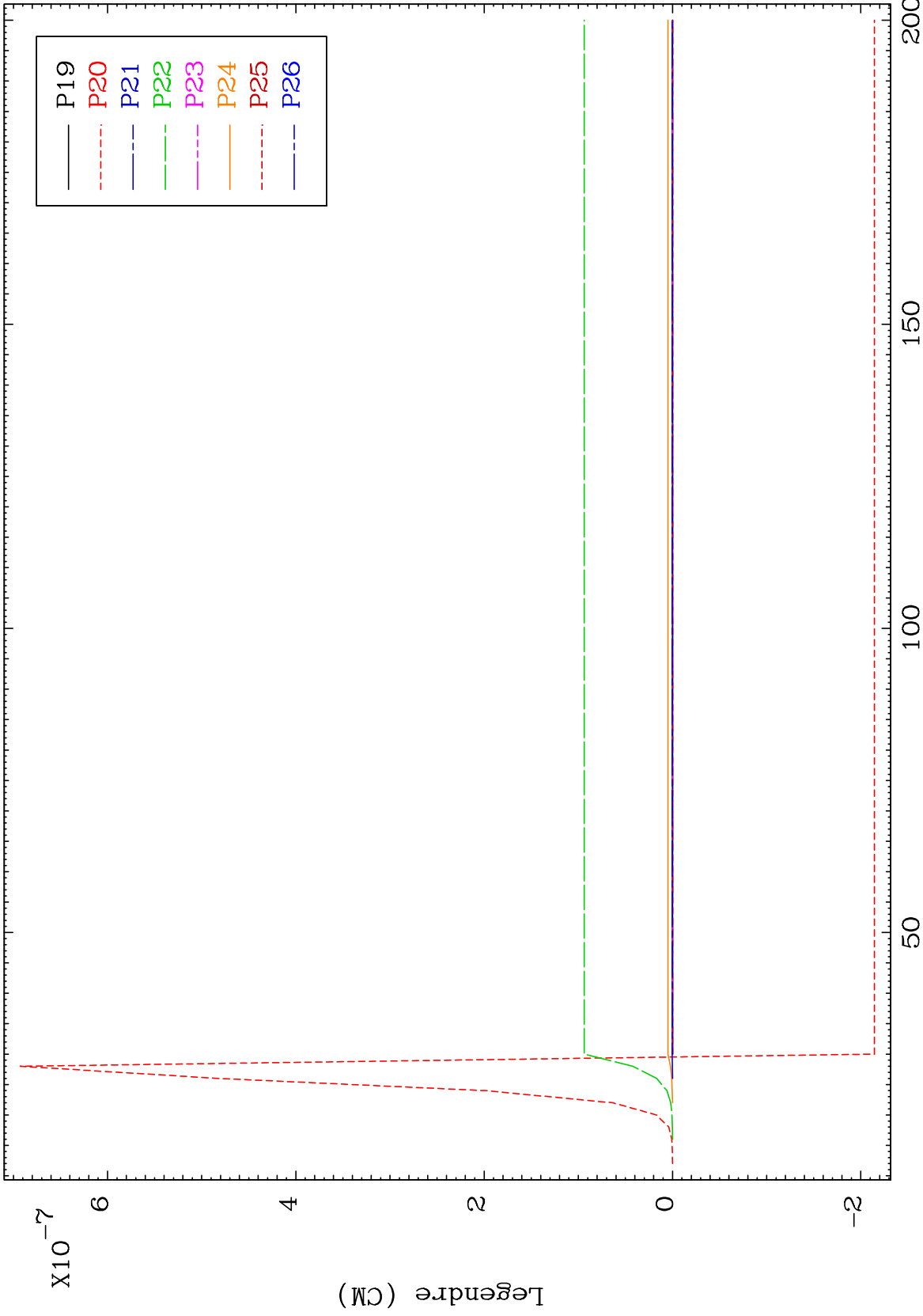
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



55

Incident Energy (MeV)

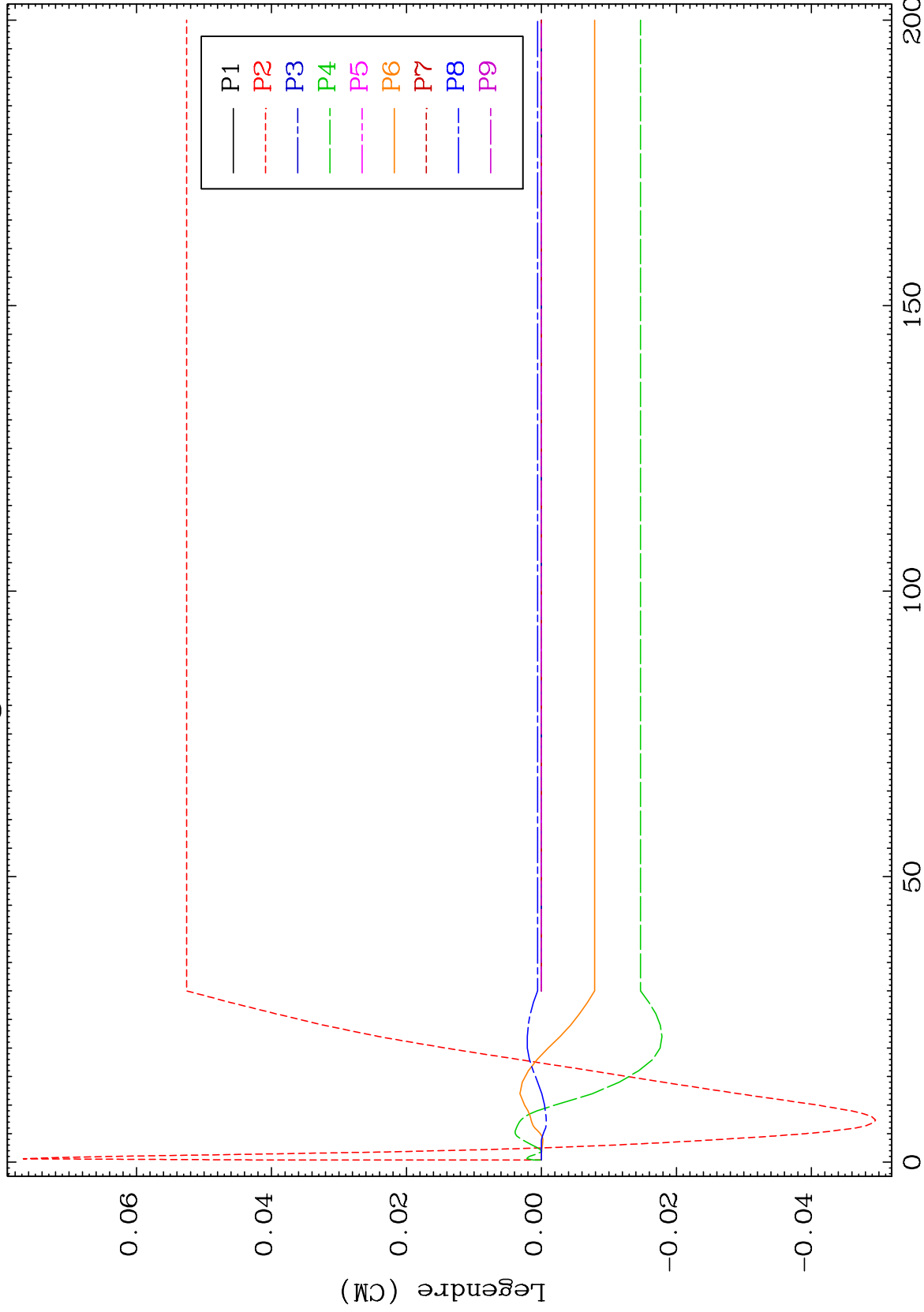
69-Tm-167



MAT 6919

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

69-Tm-167



56

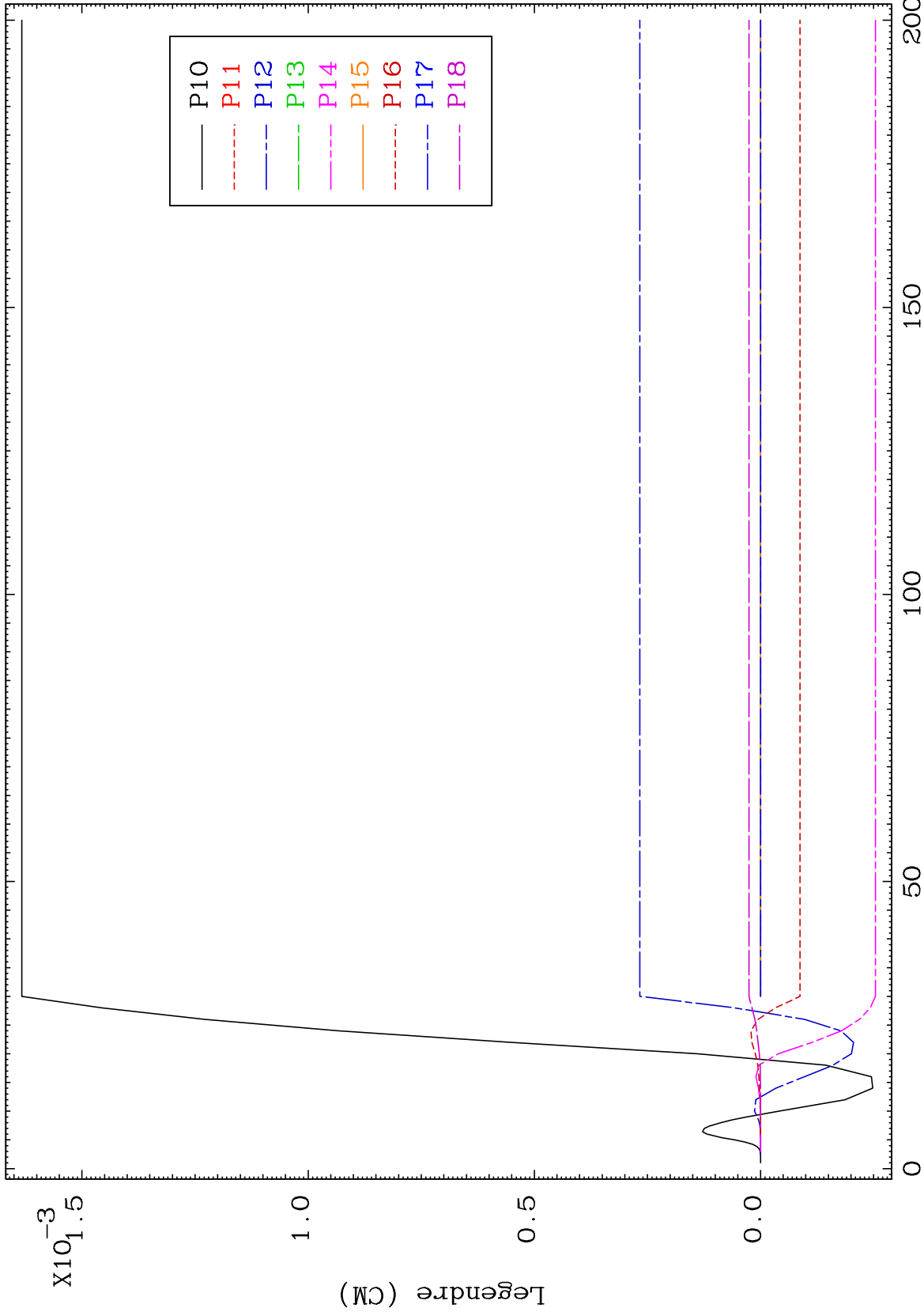
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167

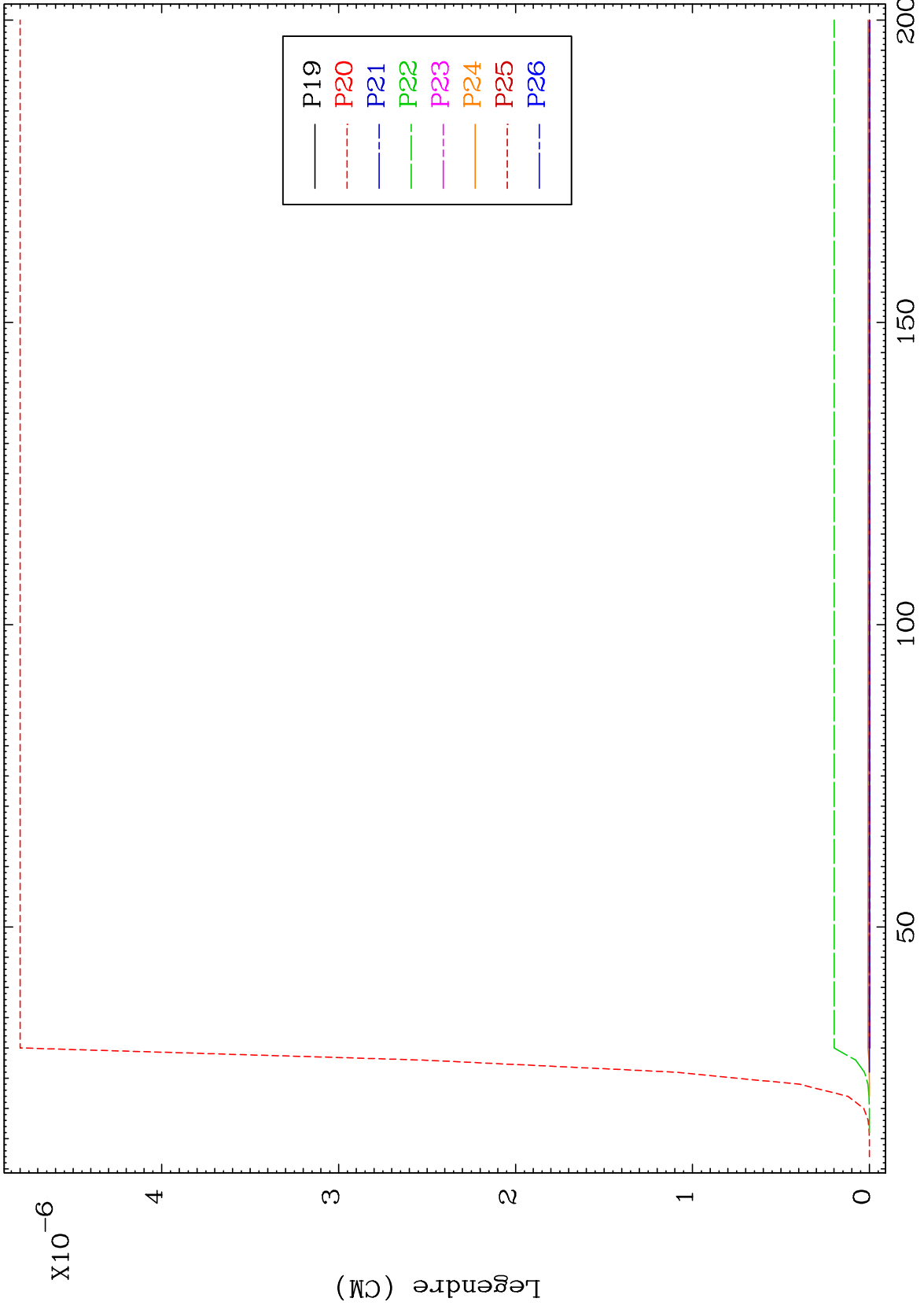


57

Incident Energy (MeV)

69-Tm-167

MAT 6919 MT= 63 (n,n') Level Legendre Coefficients 69-Tm-167

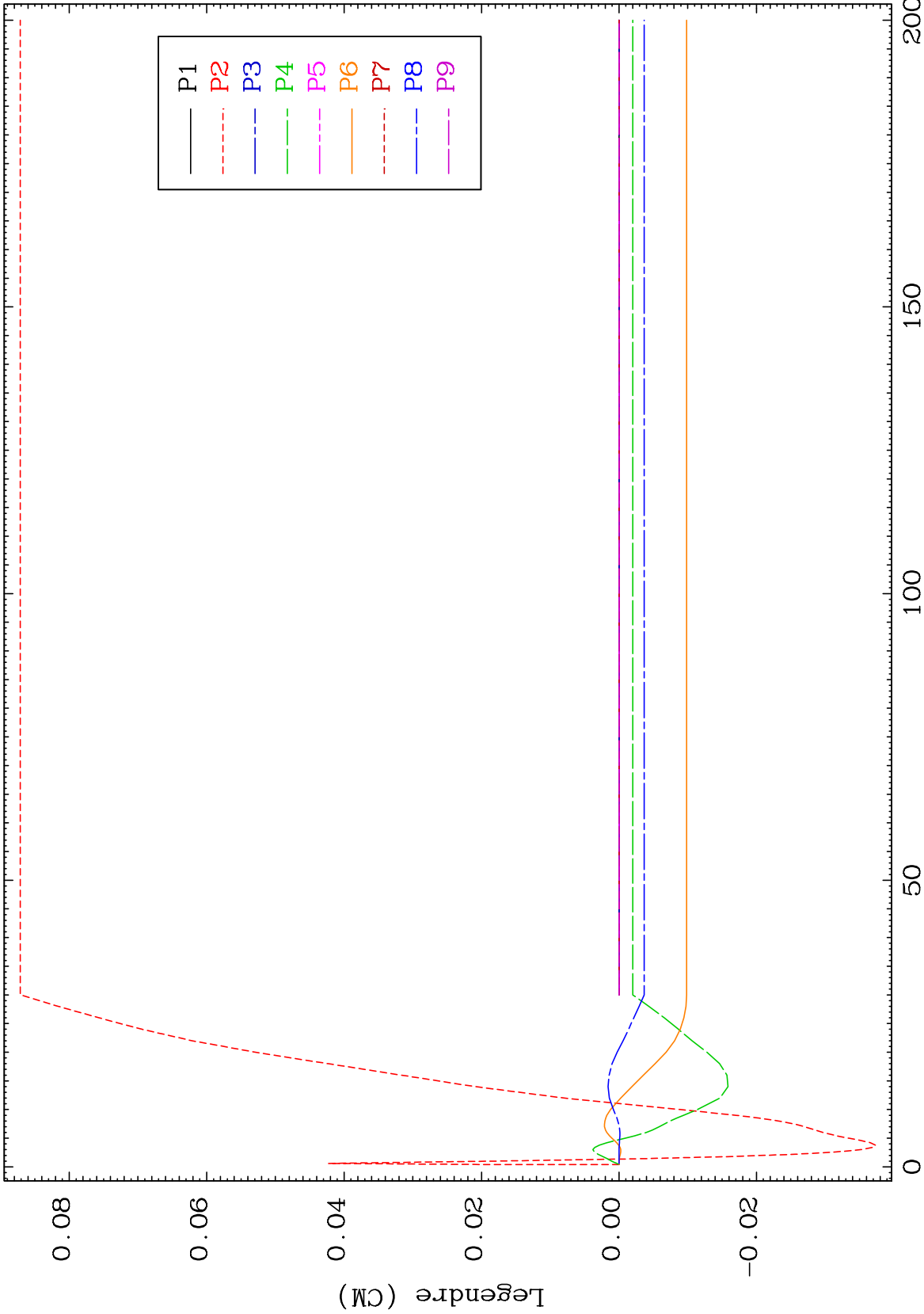


58 Incident Energy (MeV) 69-Tm-167

MAT 6919

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

69-Tm-167



59

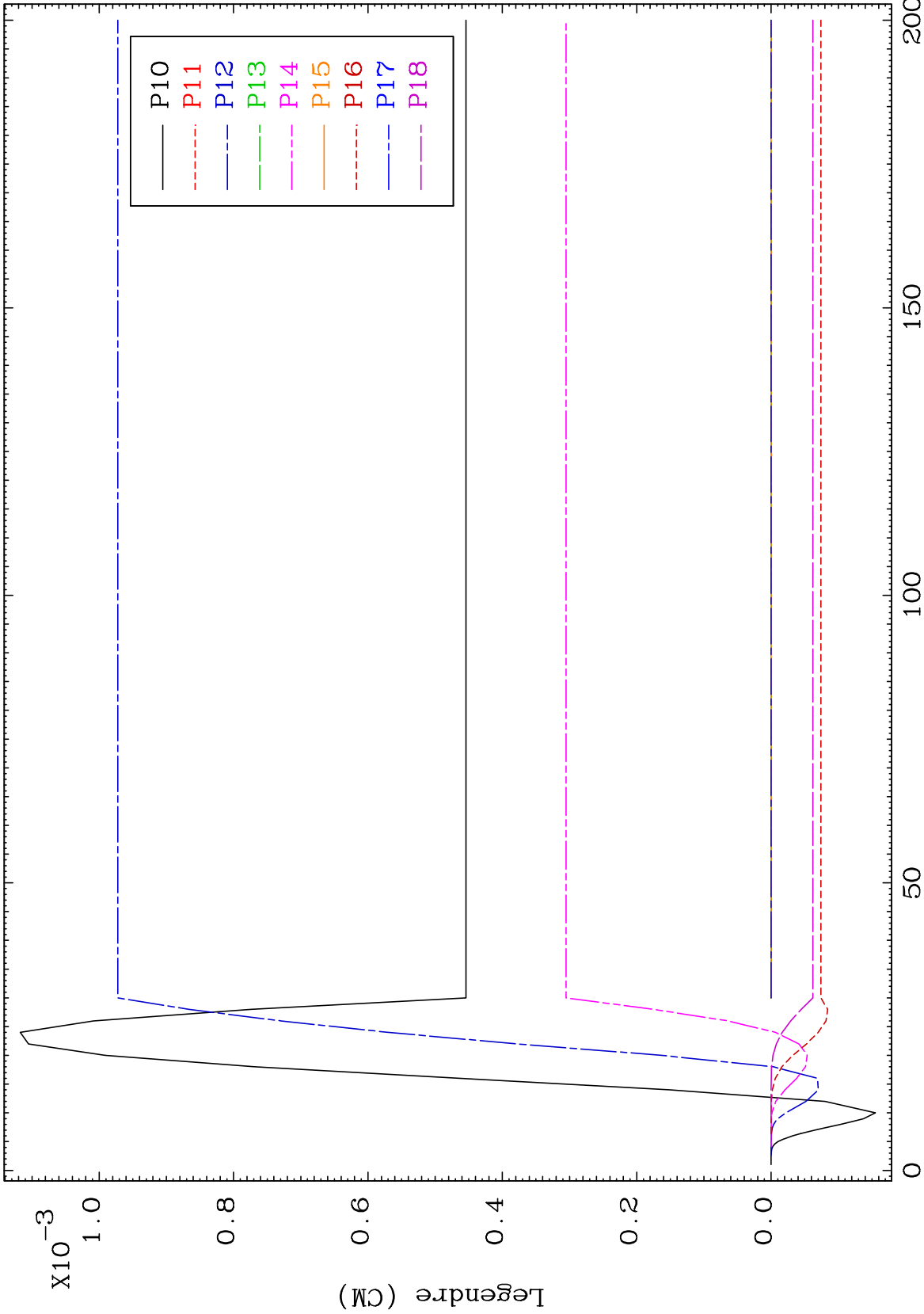
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



60

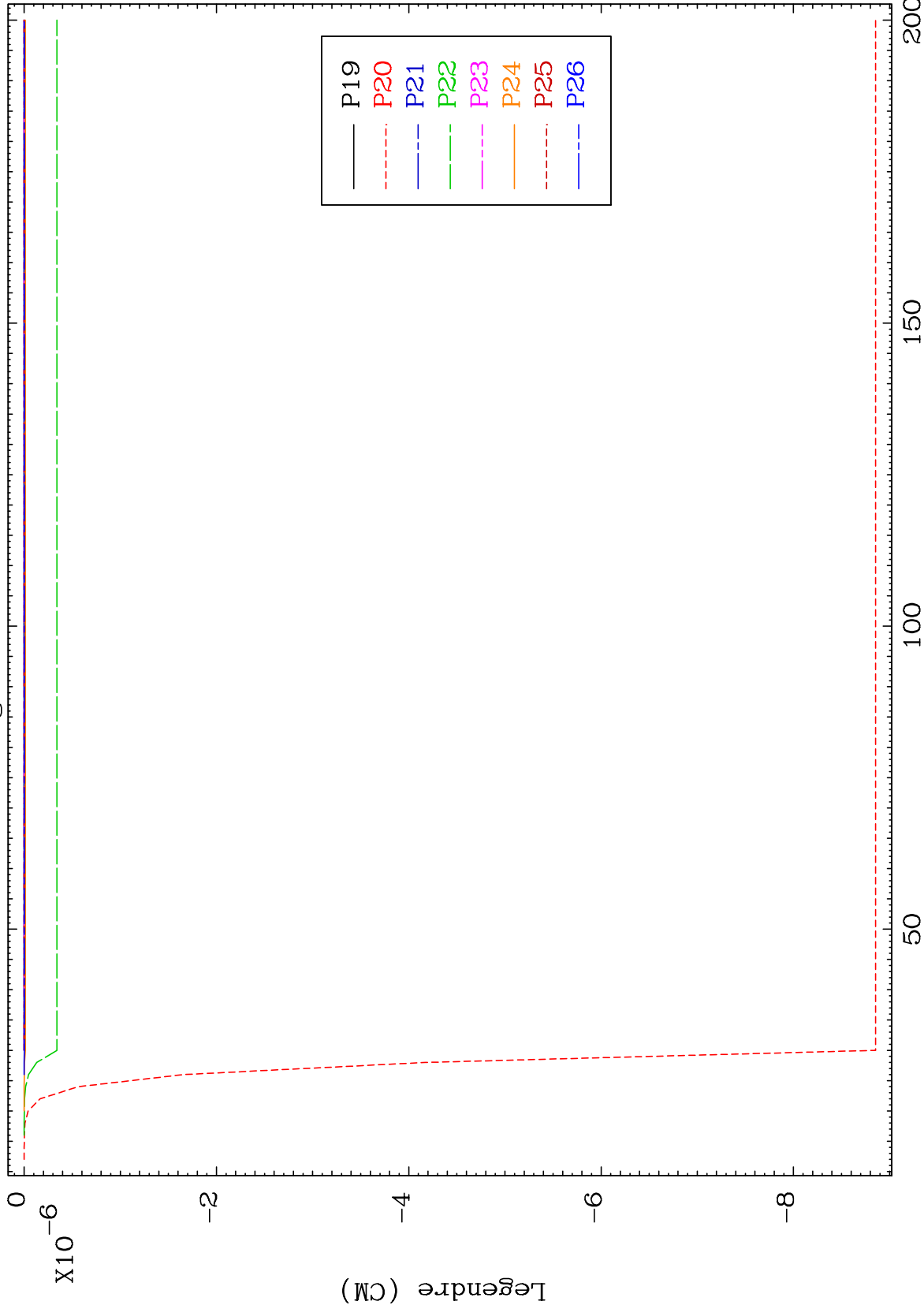
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



69-Tm-167

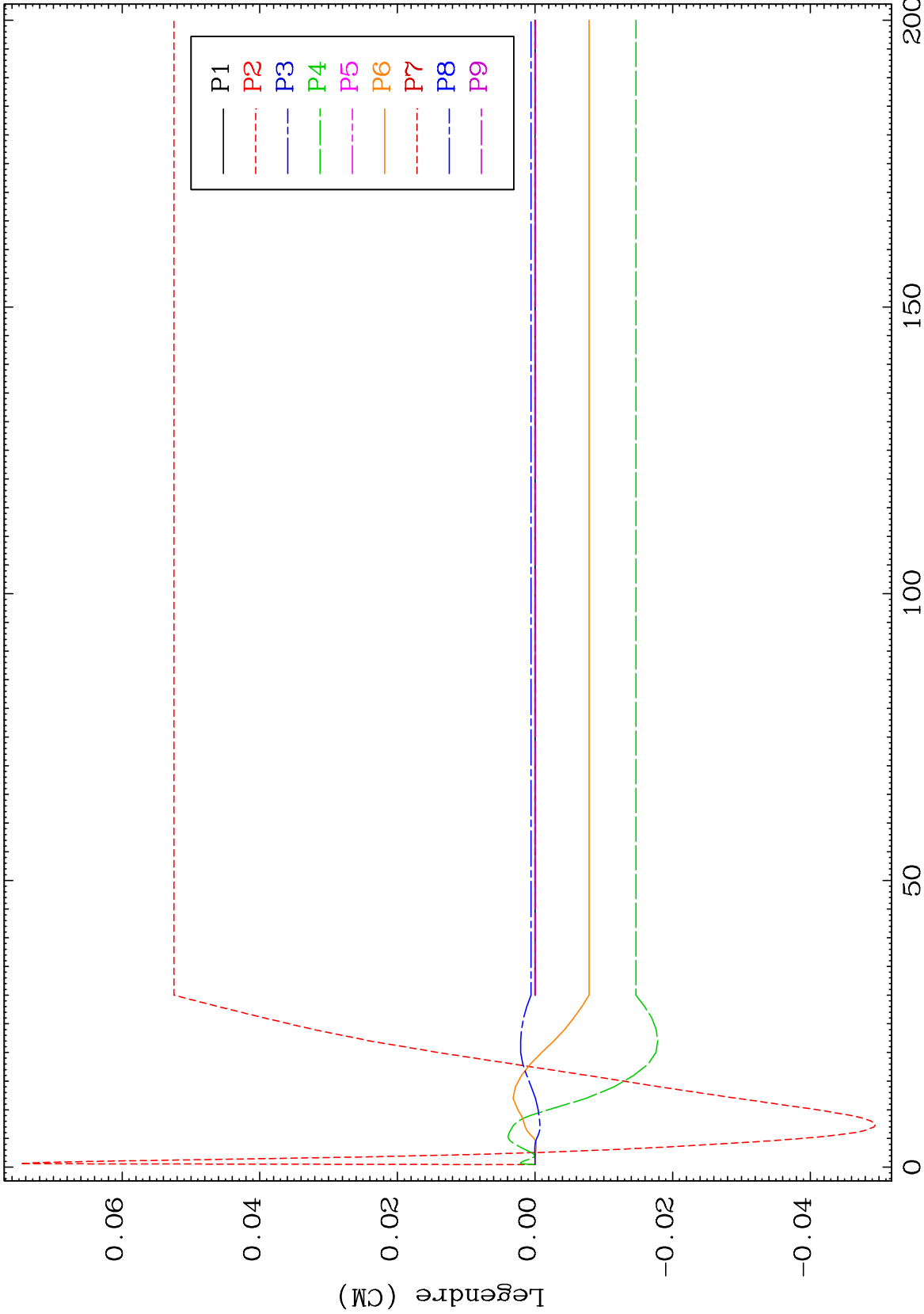
Incident Energy (MeV)

61

MAT 6919

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

69-Tm-167



62

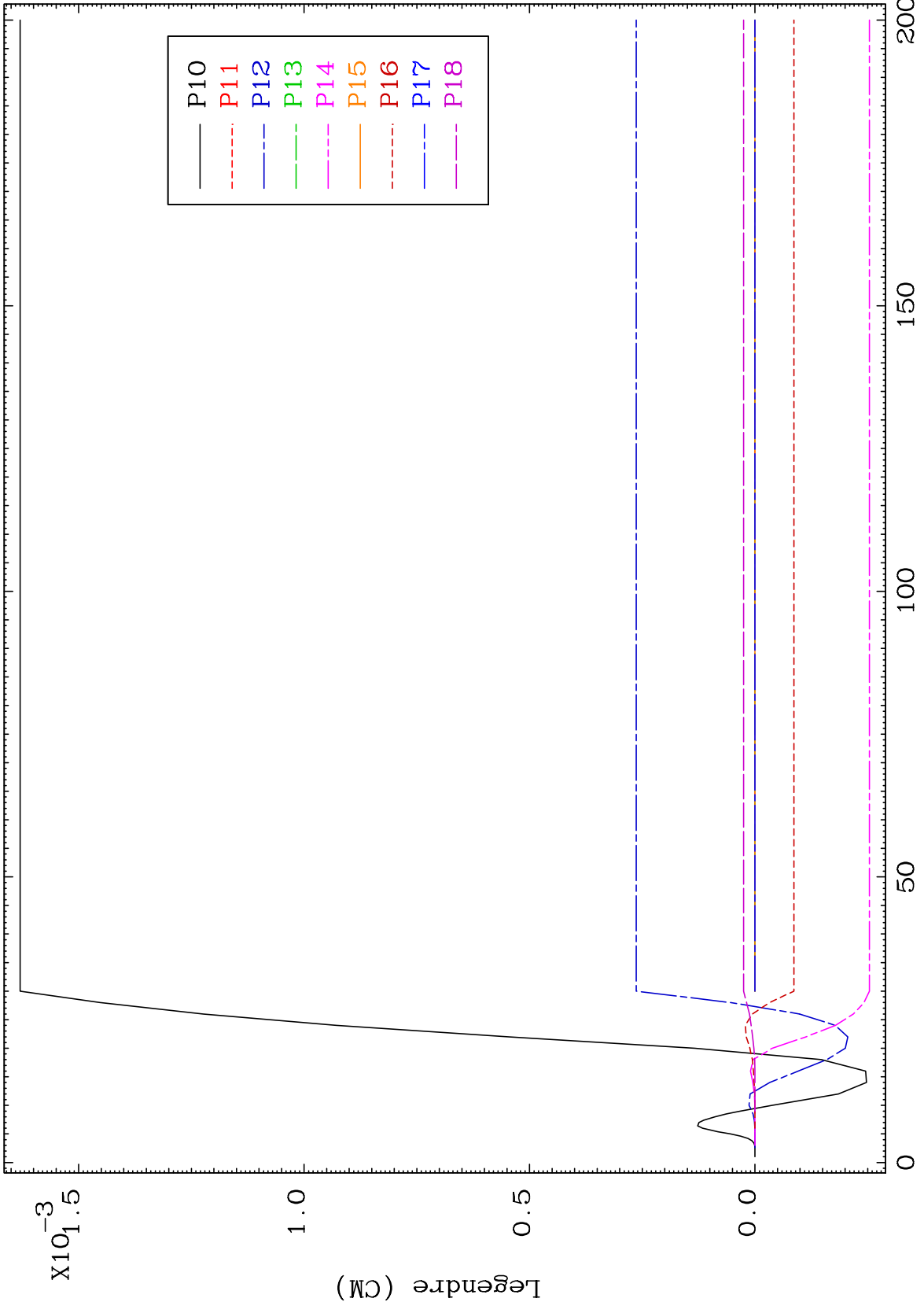
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



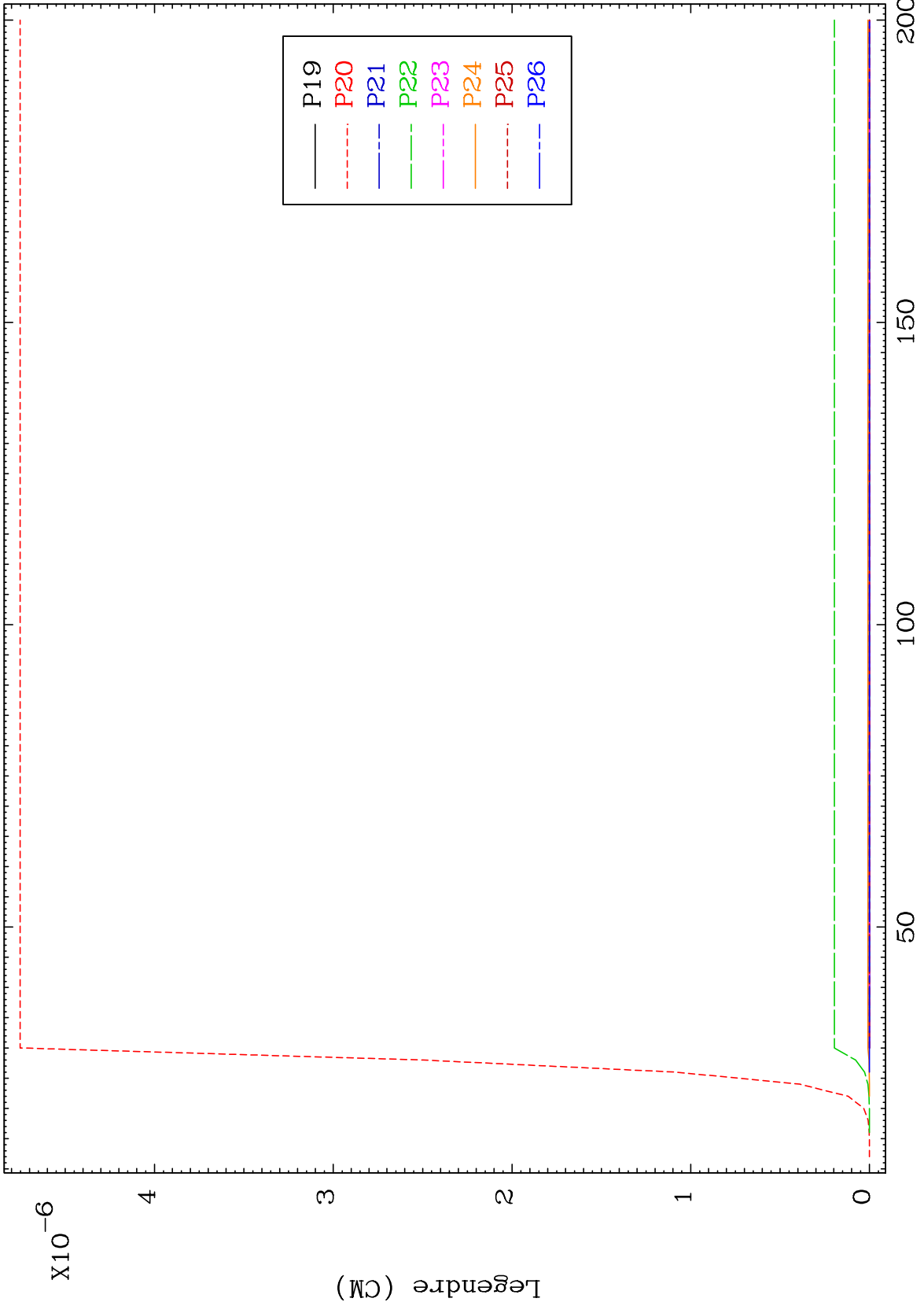
63

Incident Energy (MeV)

69-Tm-167

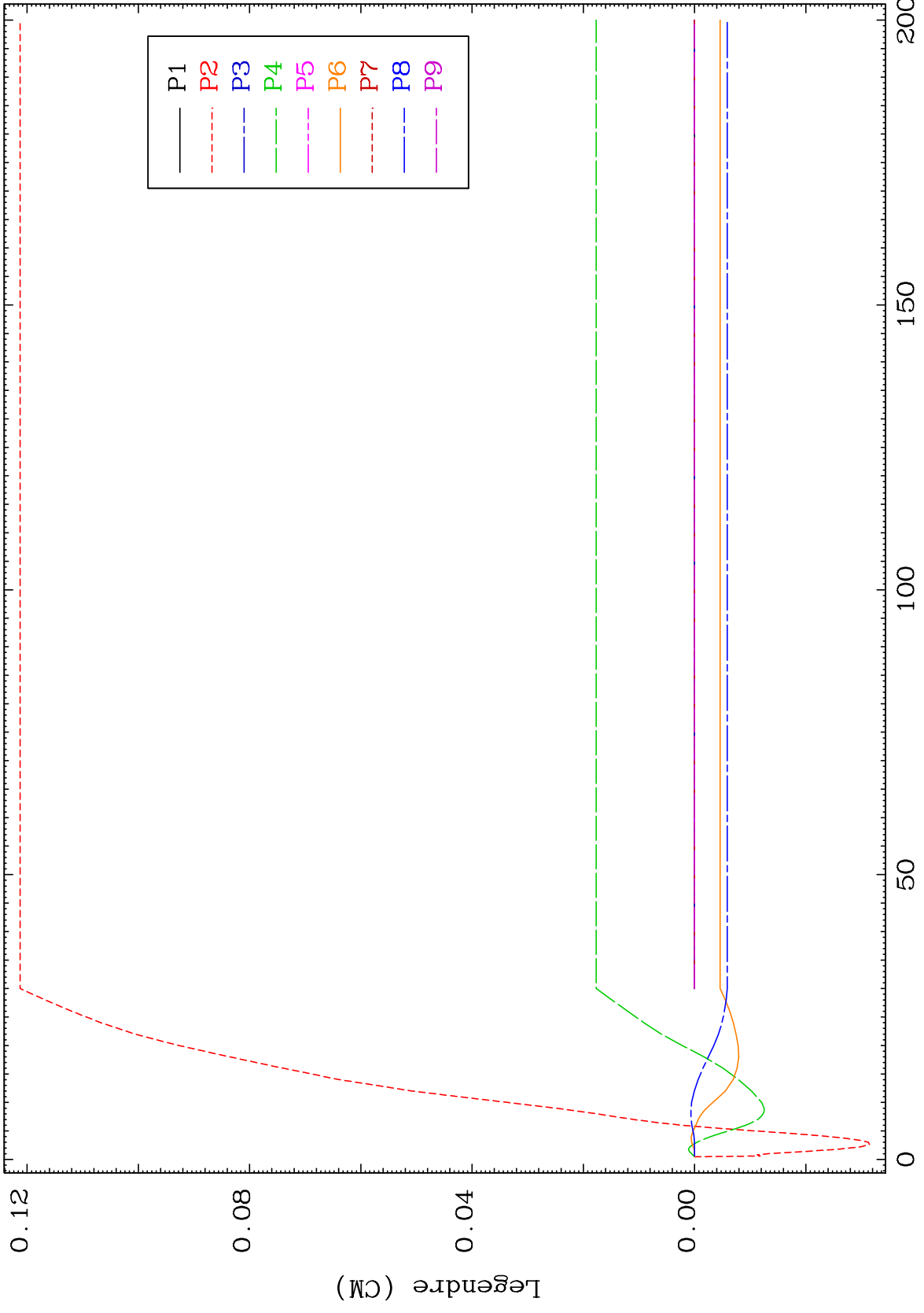


MAT 6919 MT= 65 (n,n') Level Legendre Coefficients 69-Tm-167



64 Incident Energy (MeV) 69-Tm-167

MAT 6919 MT= 66 (n,n') Level Legendre Coefficients 69-Tm-167

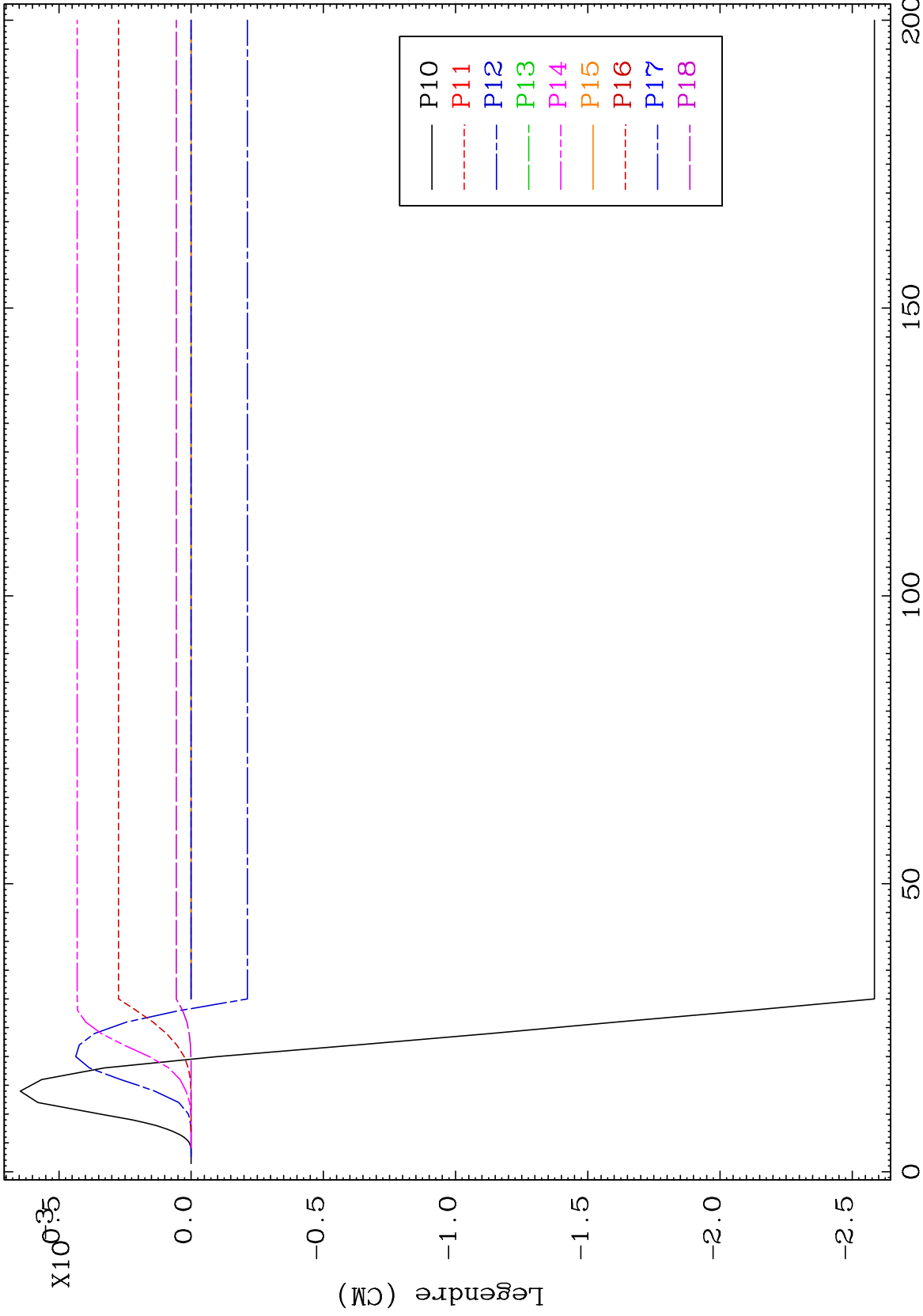


65 69-Tm-167

MAT 6919

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

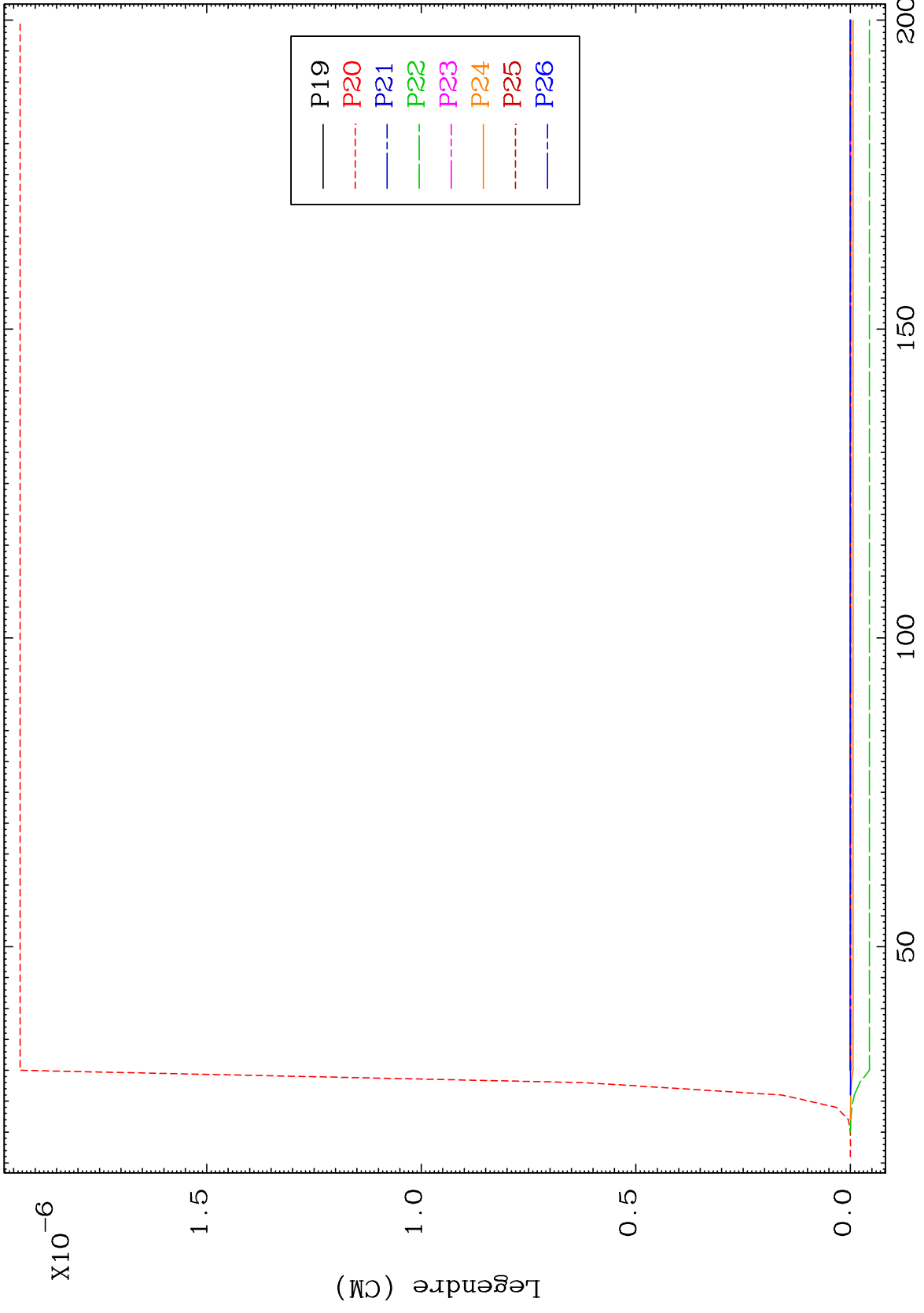
69-Tm-167



66

69-Tm-167

MAT 6919 MT= 66 (n,n') Level Legendre Coefficients 69-Tm-167

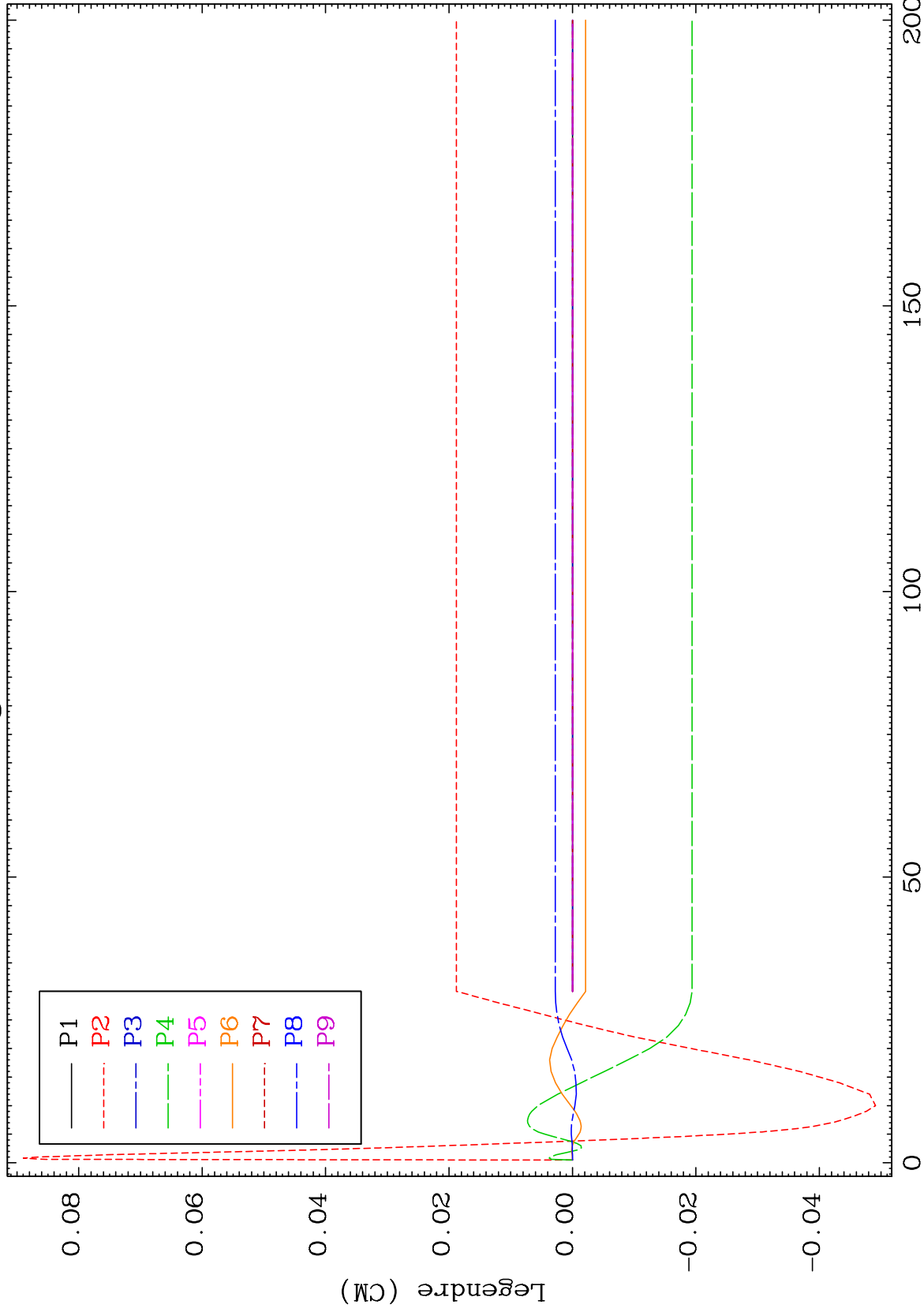


67 69-Tm-167

MAT 6919

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

69-Tm-167



68

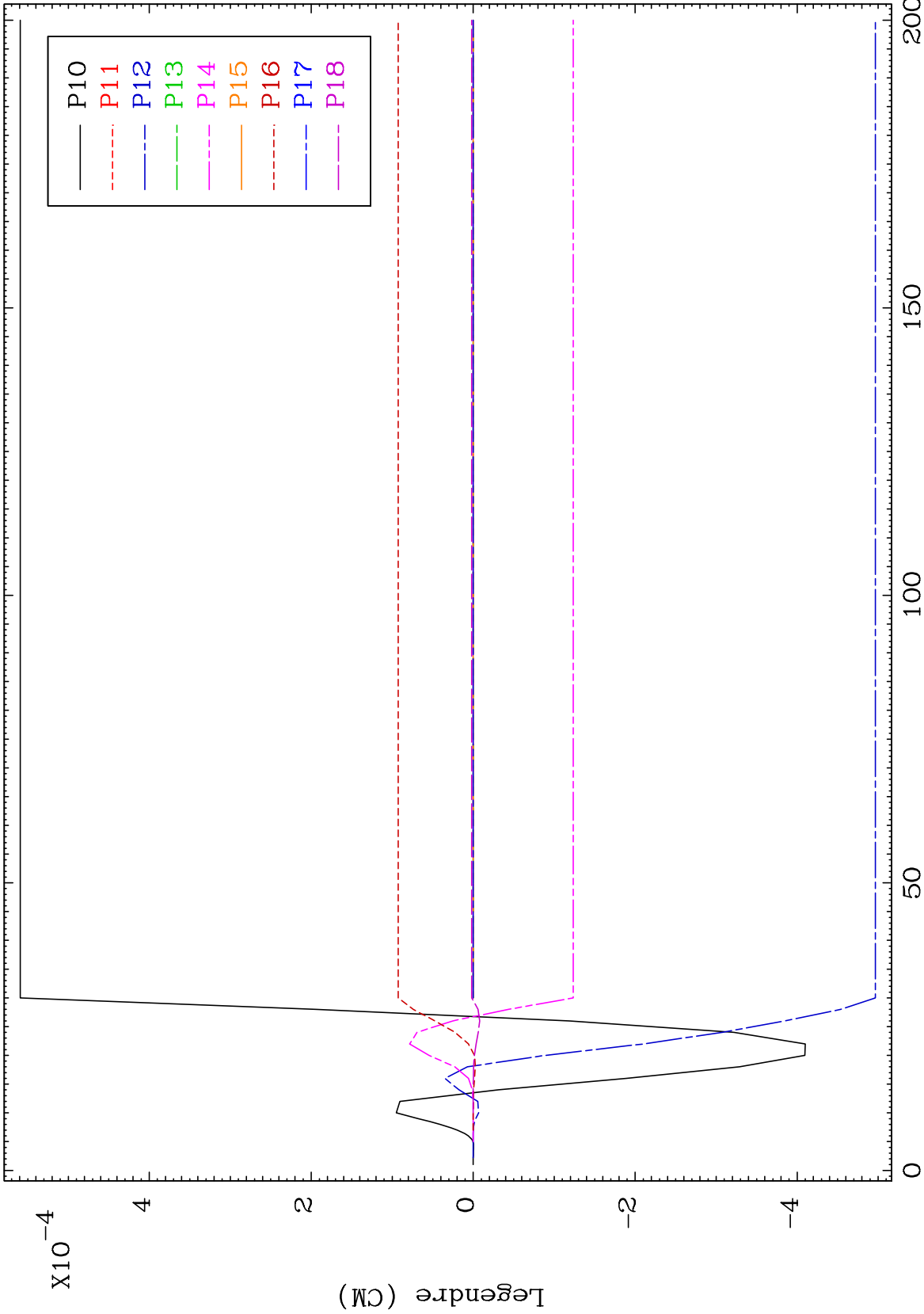
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



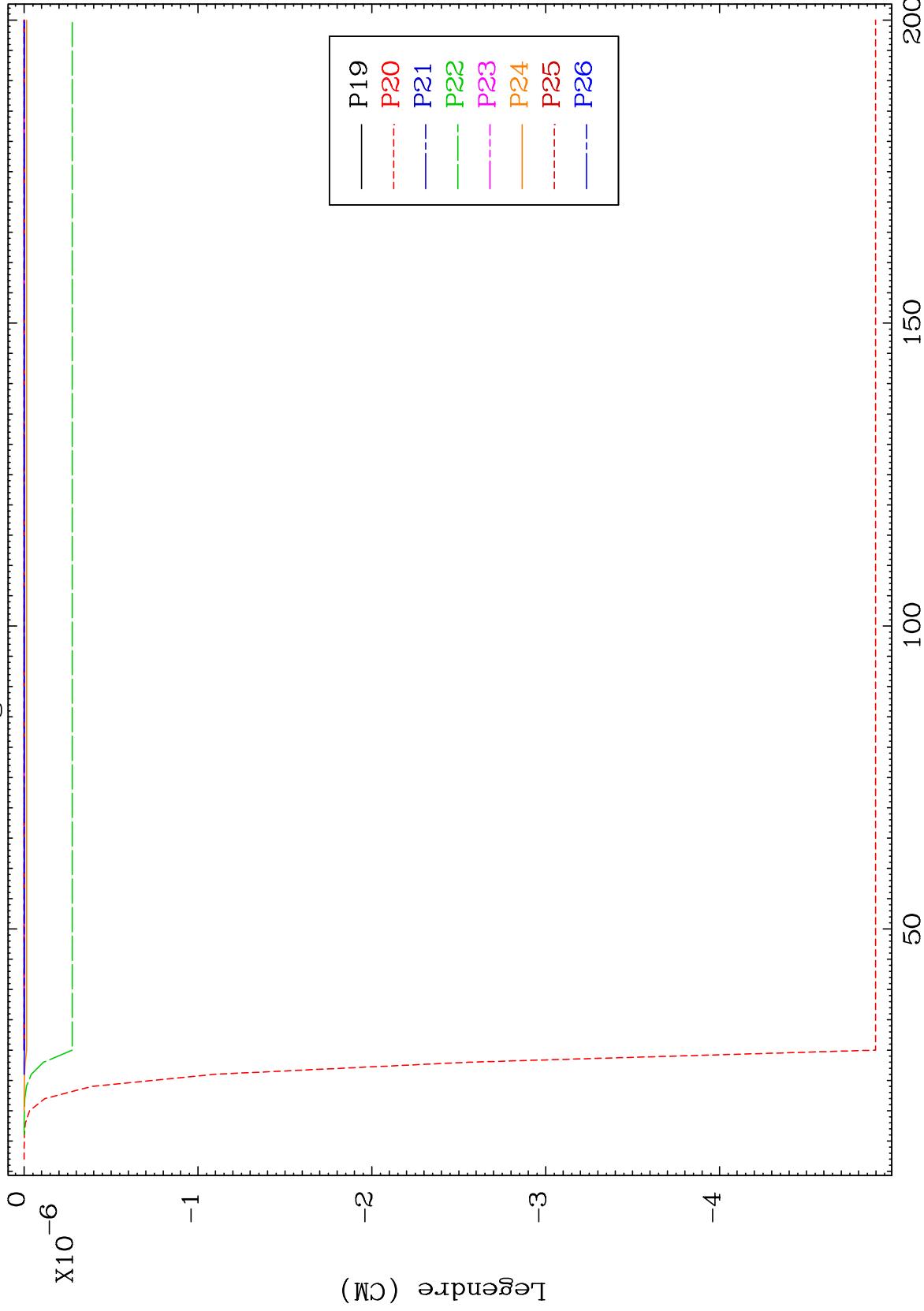
69

69-Tm-167

MAT 6919

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

69-Tm-167

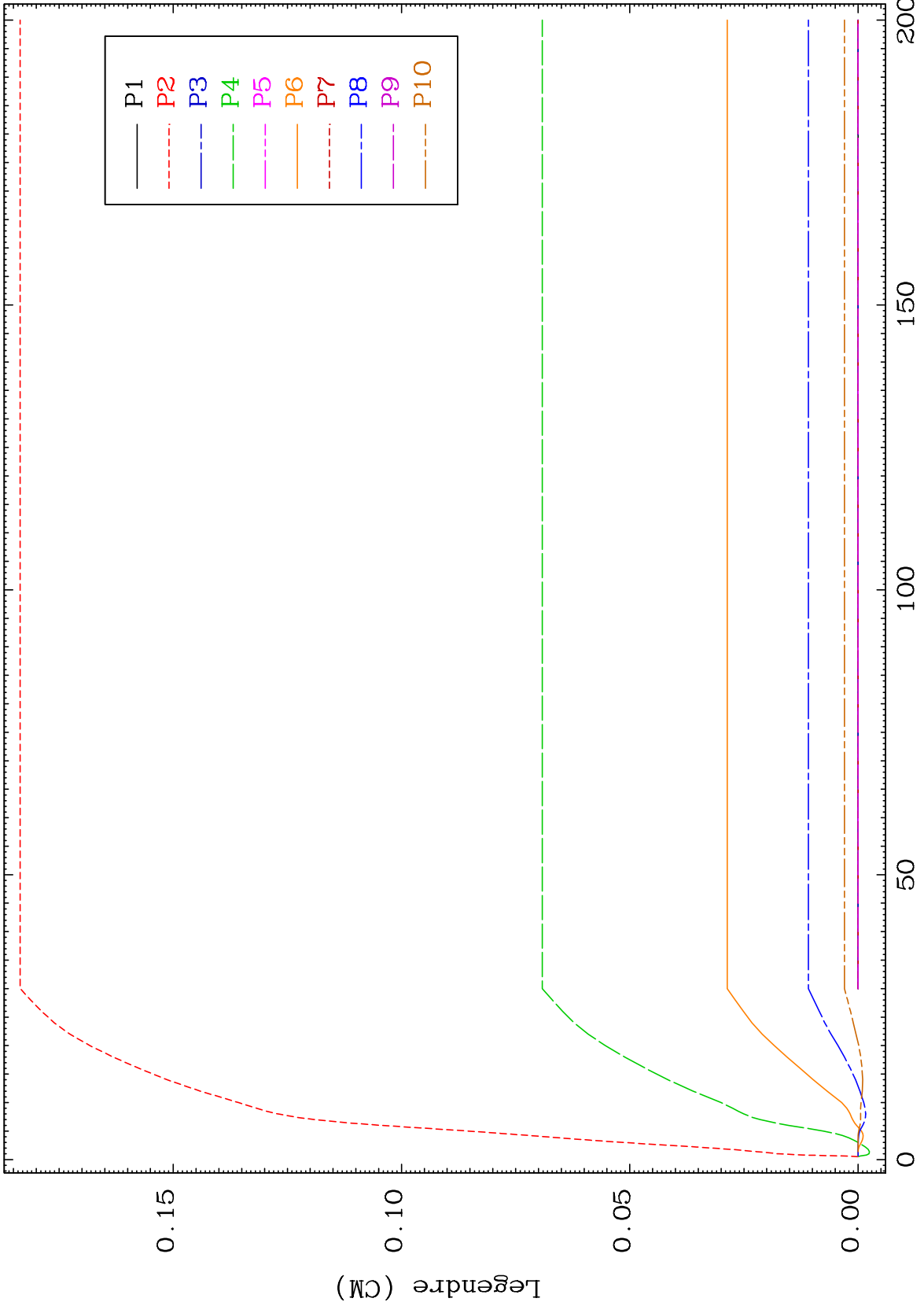


69-Tm-167

Incident Energy (MeV)

70

MAT 6919 MT= 68 (n,n') Level Legendre Coefficients 69-Tm-167



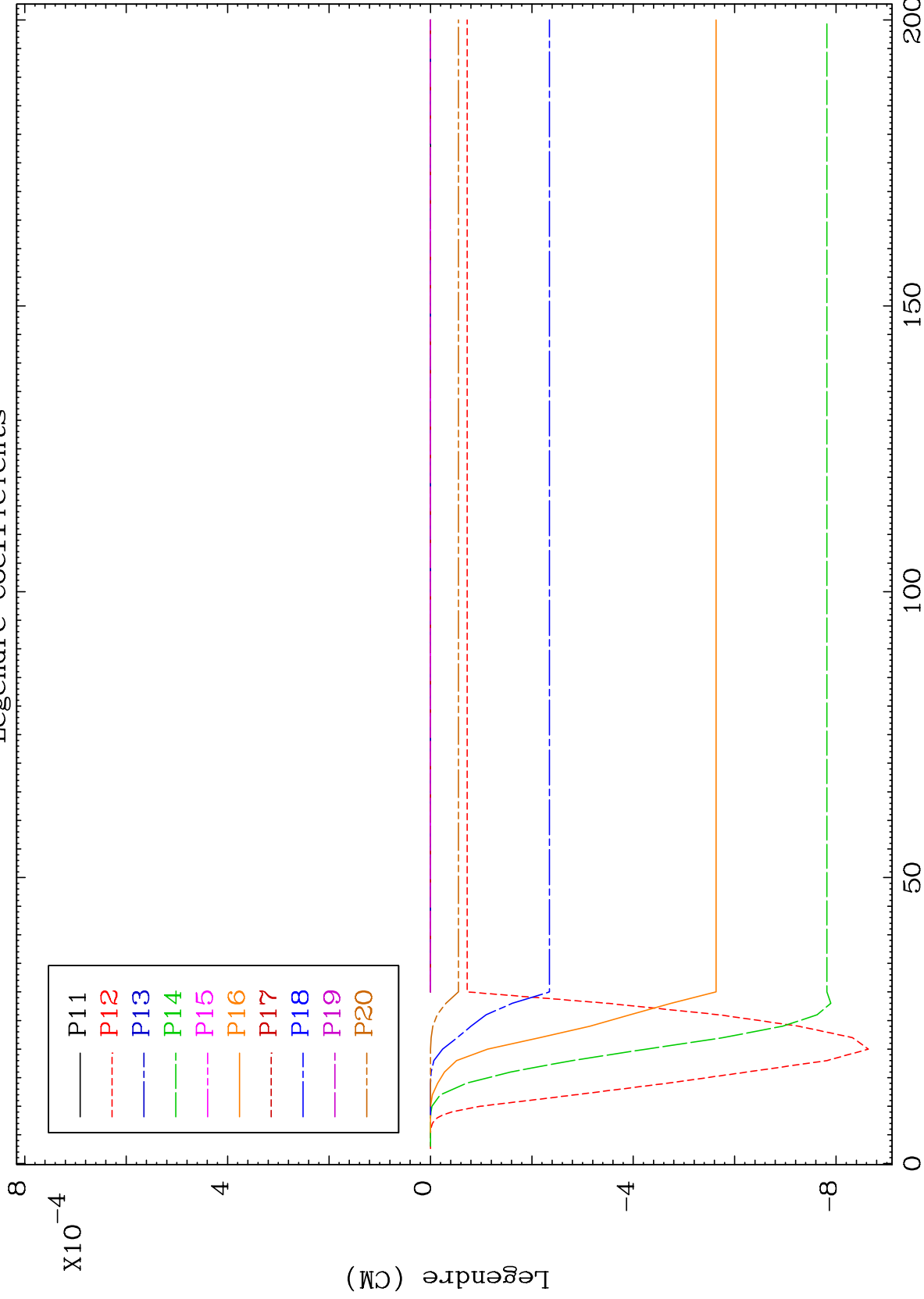
71 69-Tm-167



MAT 6919

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

69-Tm-167

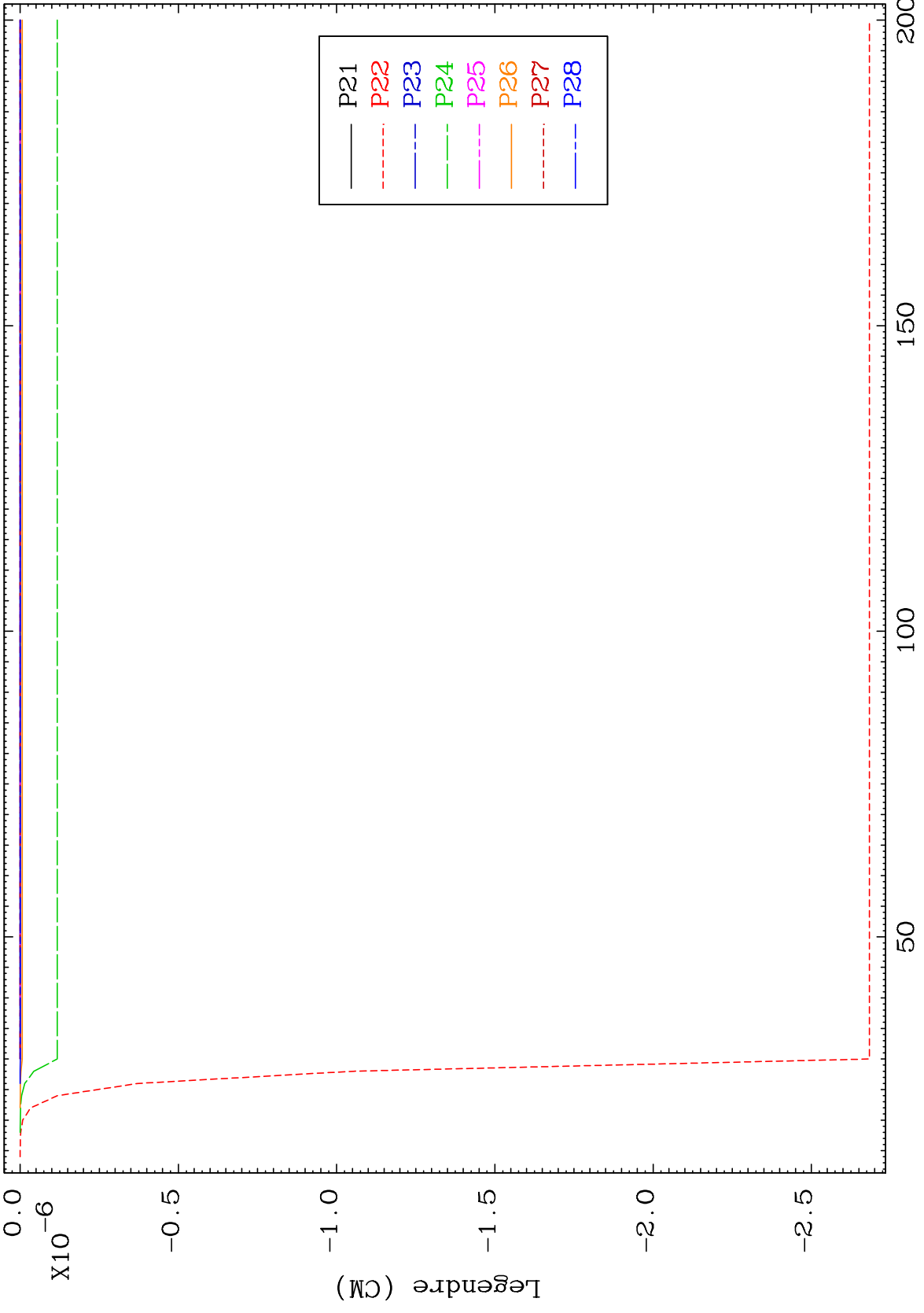


72

Incident Energy (MeV)

69-Tm-167

MAT 6919 MT= 68 (n,n') Level Legendre Coefficients 69-Tm-167

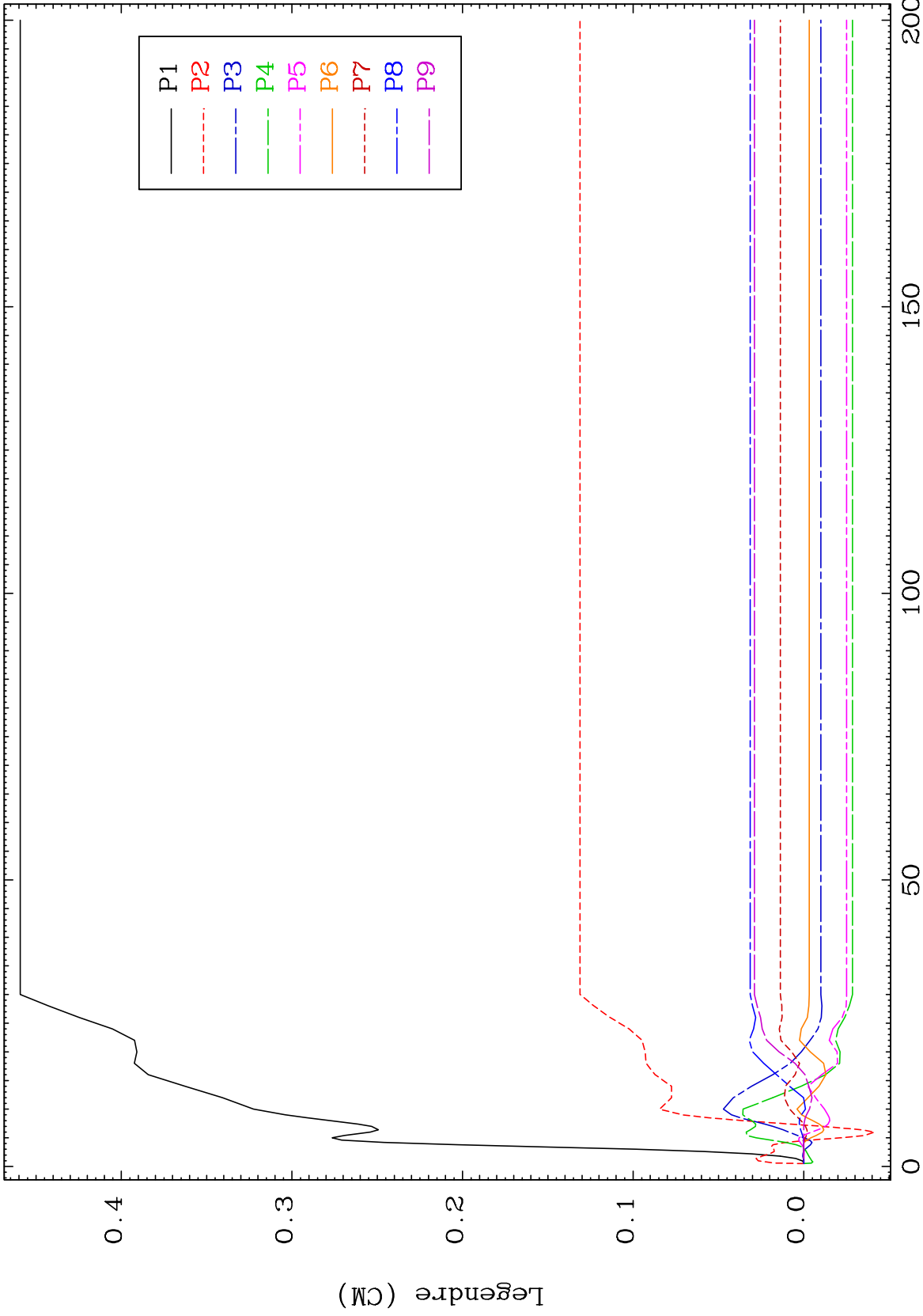


73 69-Tm-167

MAT 6919

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

69-Tm-167

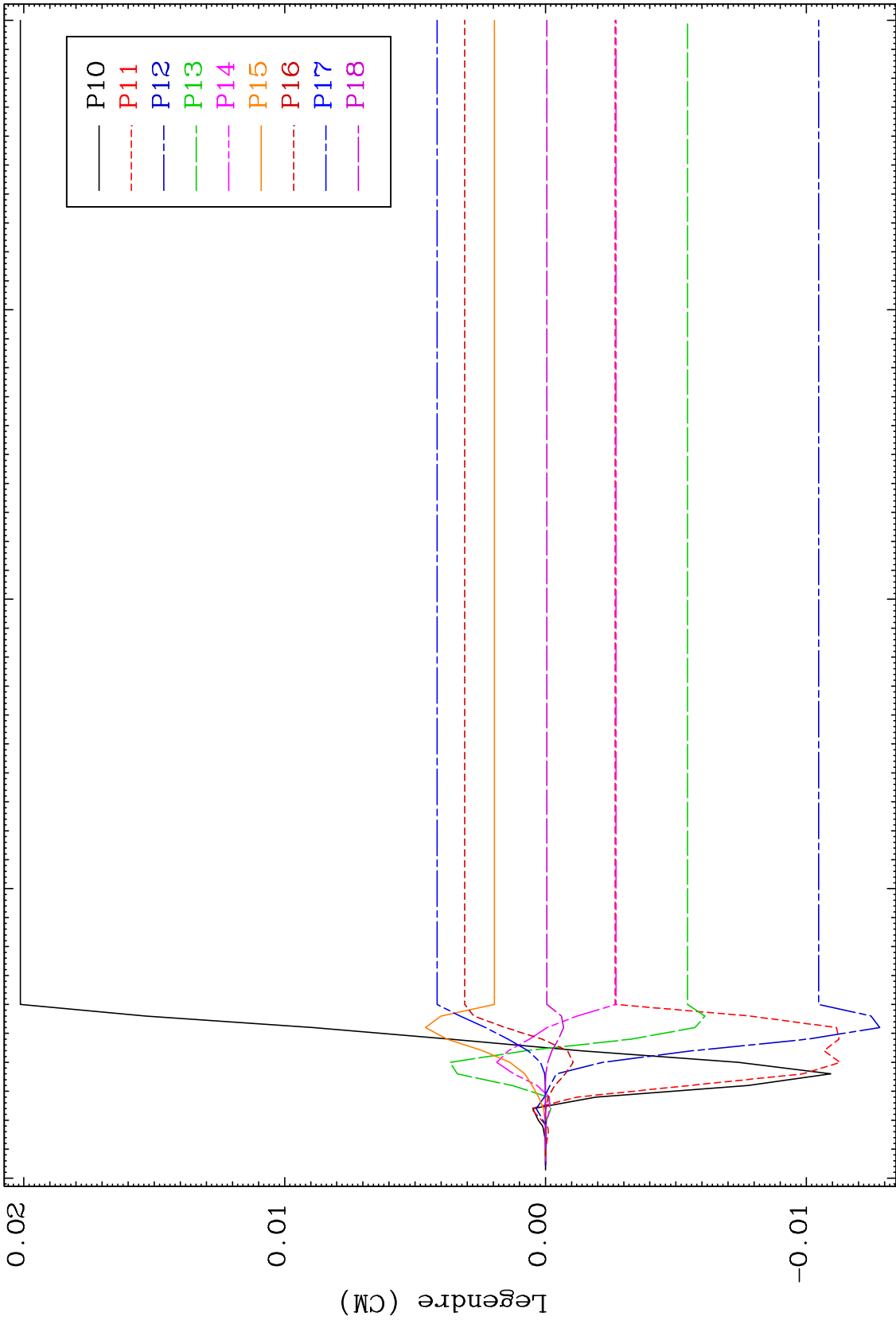


74

Incident Energy (MeV)

69-Tm-167

MAT 6919 MT= 69 (n,n') Level Legendre Coefficients 69-Tm-167

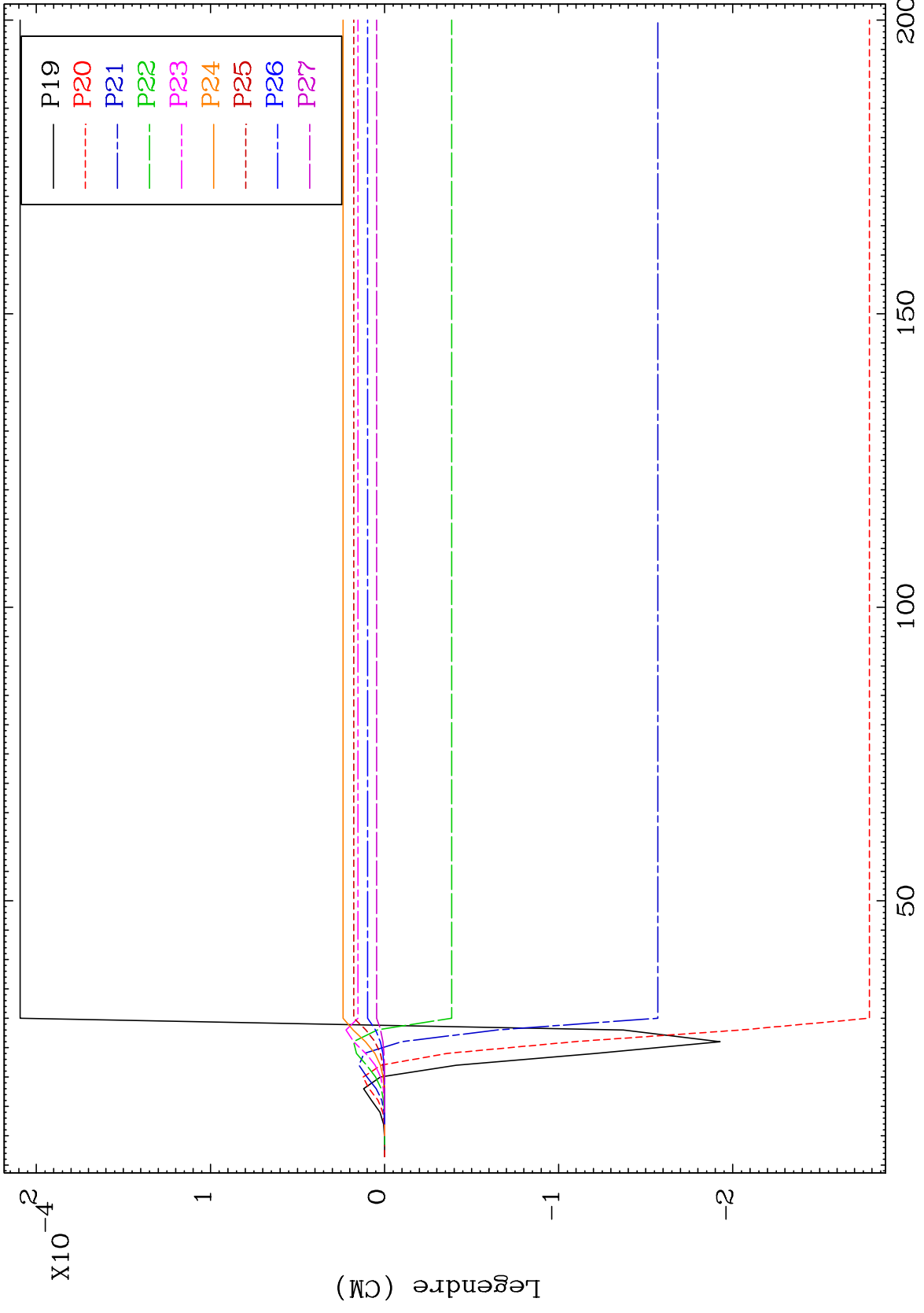


75 Incident Energy (MeV) 69-Tm-167

MAT 6919

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

69-Tm-167



76

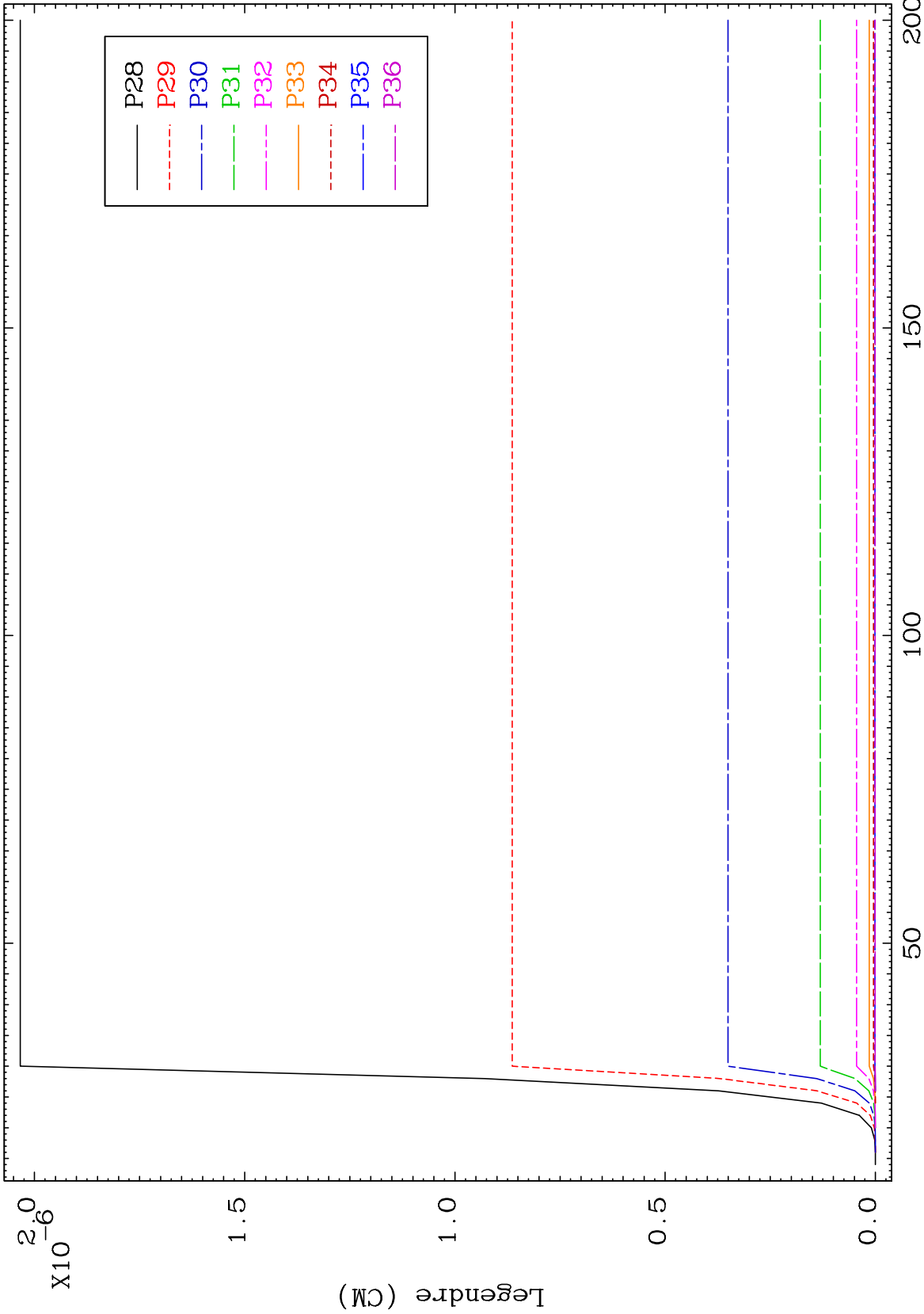
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167

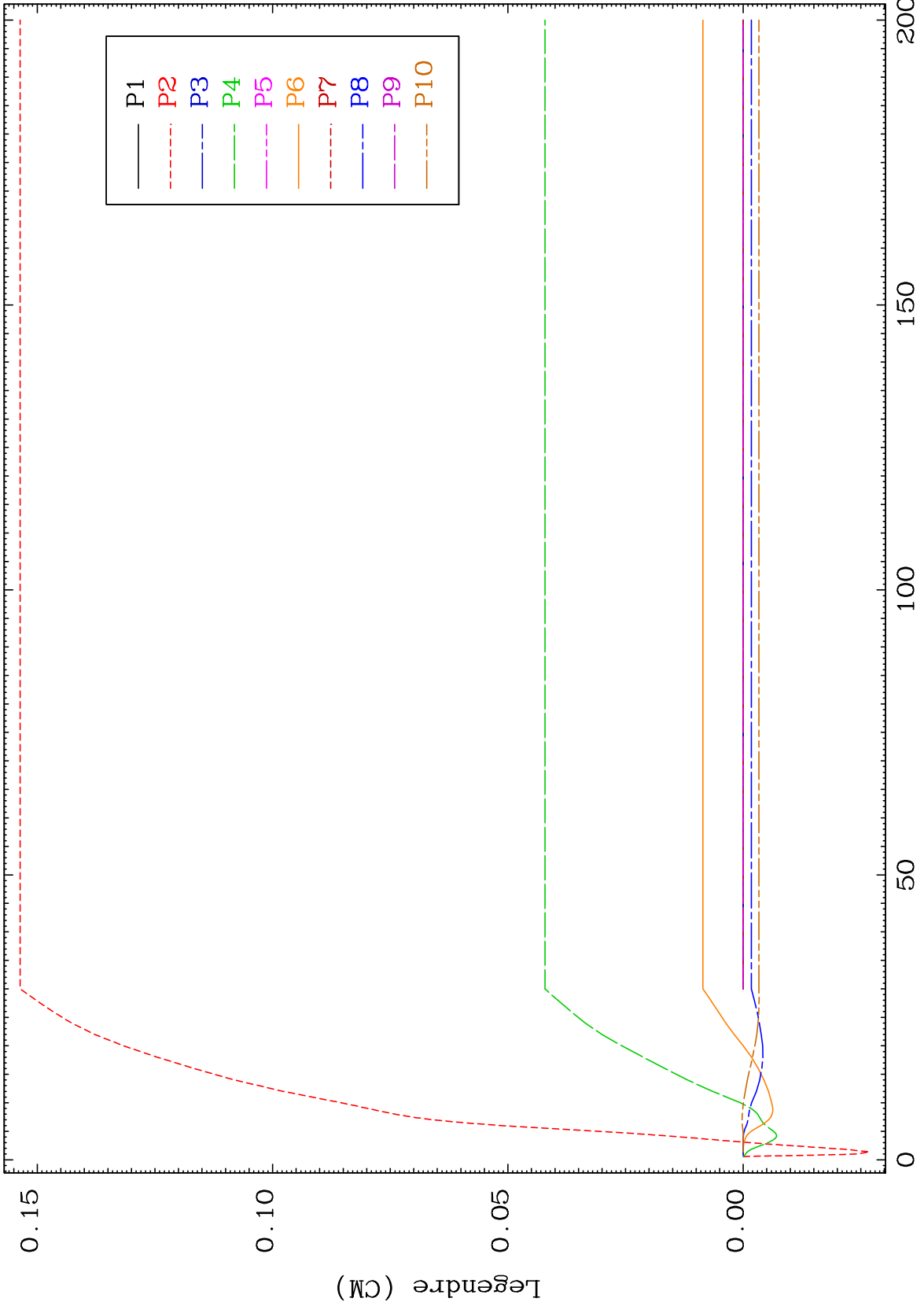


77

Incident Energy (MeV)

69-Tm-167

MAT 6919 MT= 70 (n,n') Level Legendre Coefficients 69-Tm-167

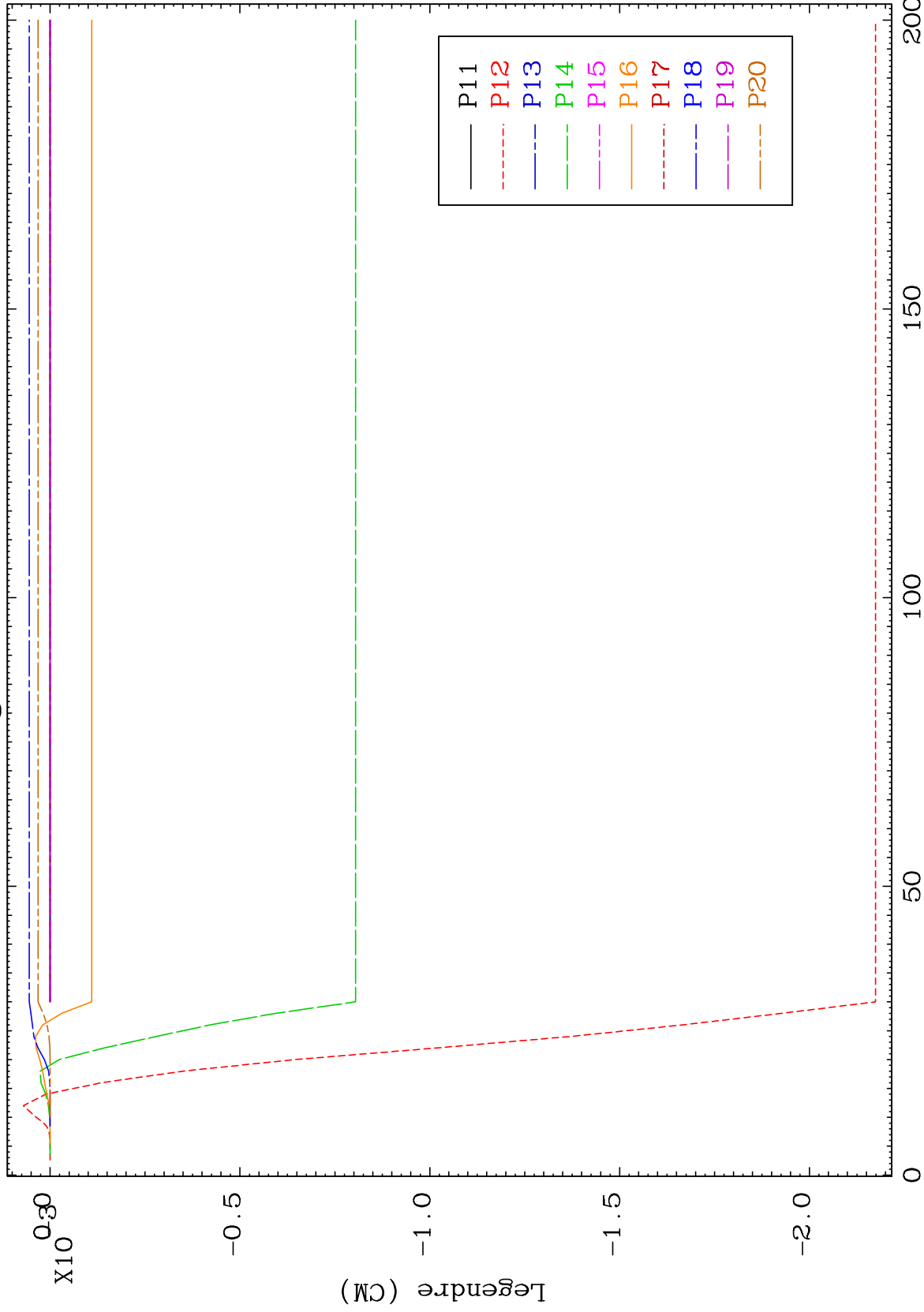


78 Incident Energy (MeV) 69-Tm-167

MAT 6919

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

69-Tm-167



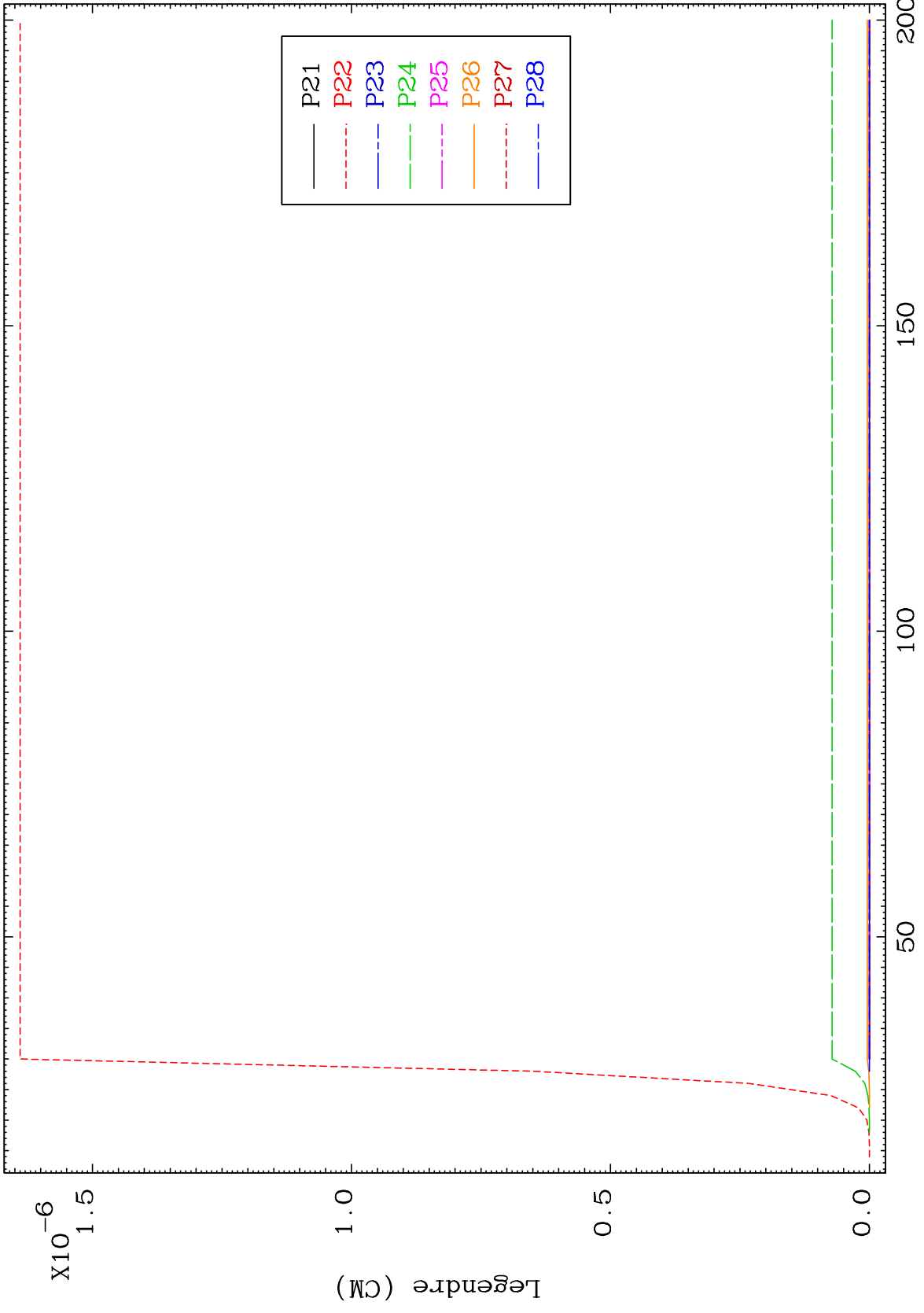
79

Incident Energy (MeV)

69-Tm-167

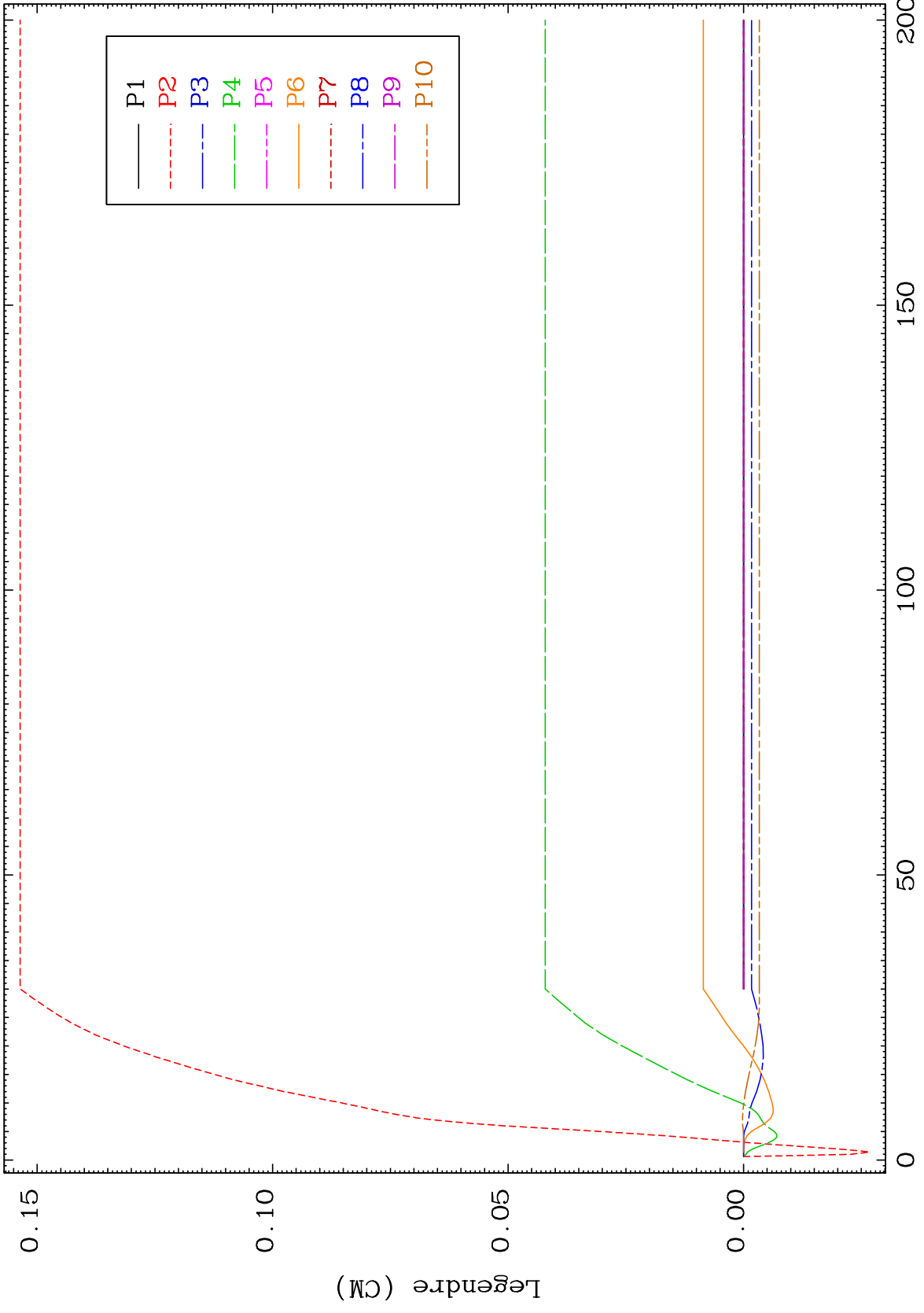


MAT 6919 MT= 70 (n,n') Level Legendre Coefficients 69-Tm-167



80 50 100 150 200 Incident Energy (MeV) 69-Tm-167

MAT 6919 MT= 71 (n,n') Level Legendre Coefficients 69-Tm-167

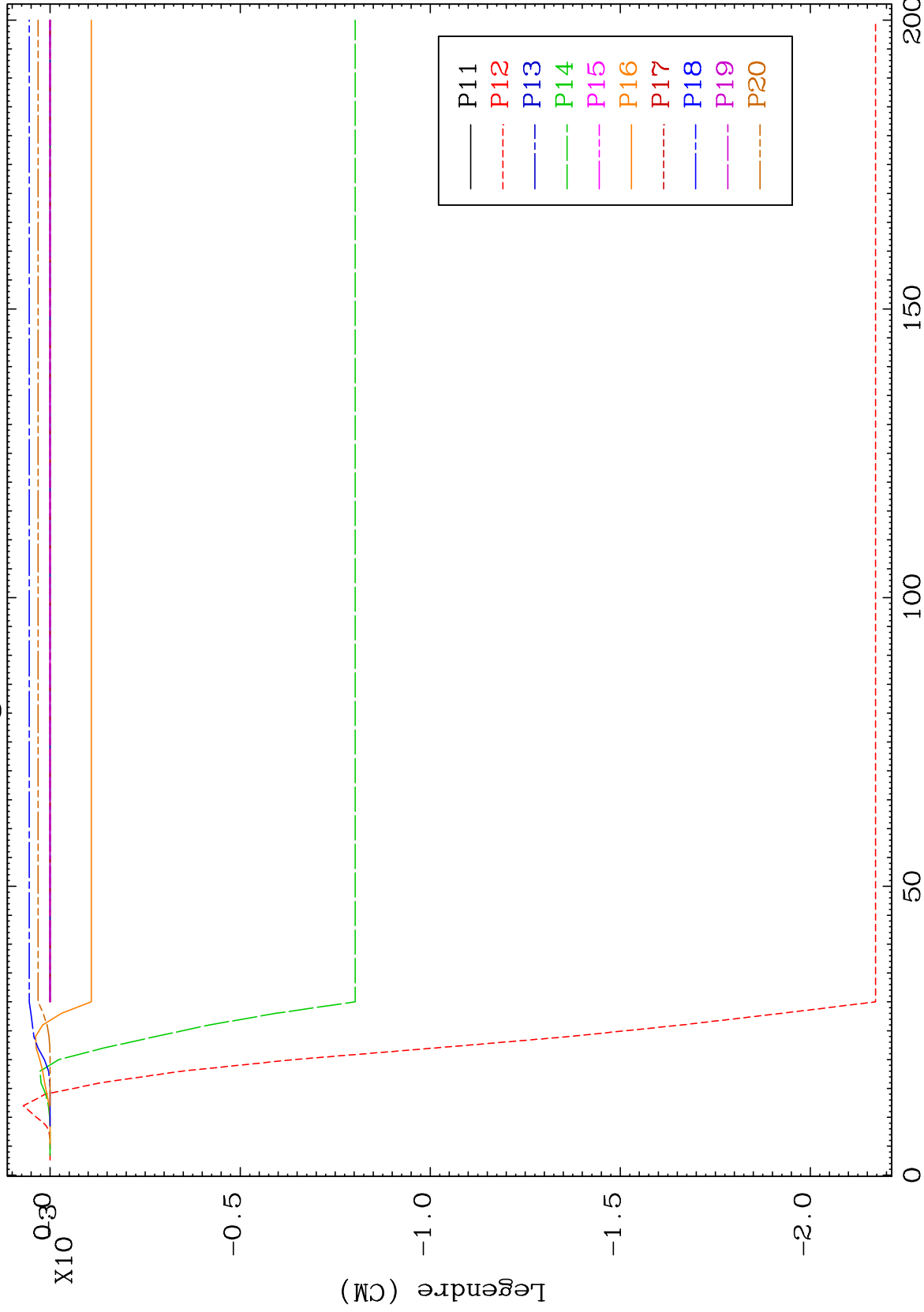


81 69-Tm-167

MAT 6919

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

69-Tm-167



82

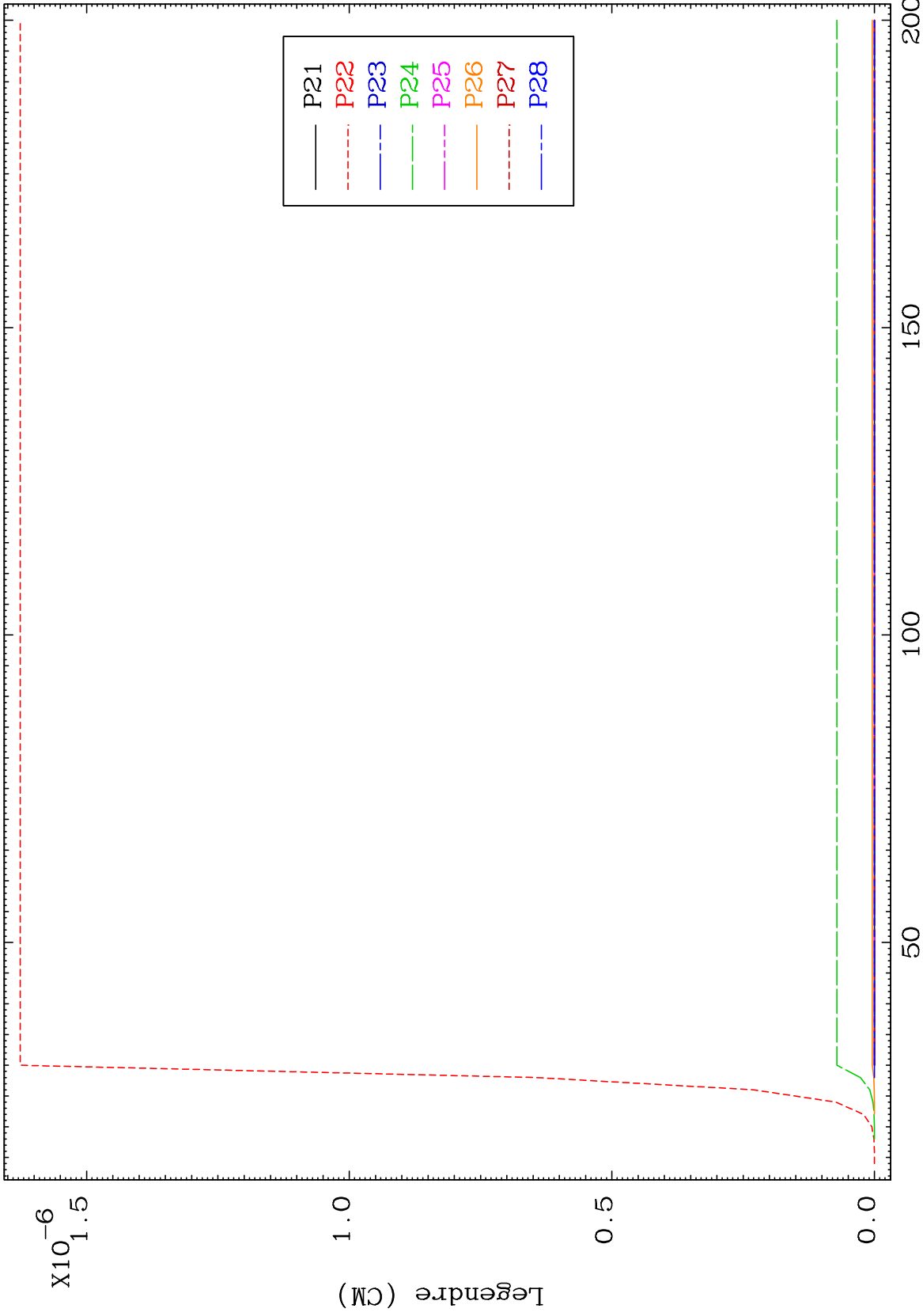
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



83

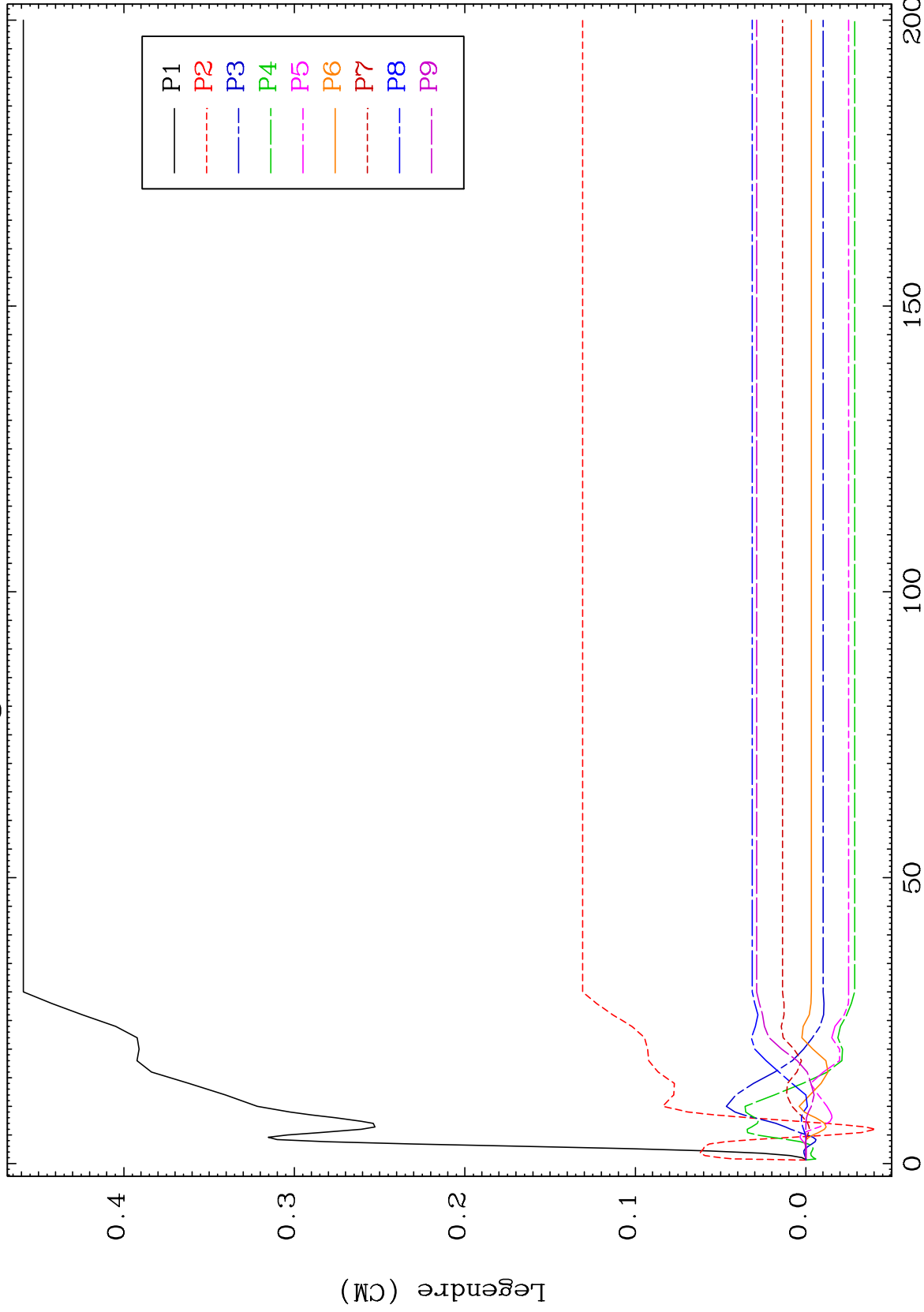
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167

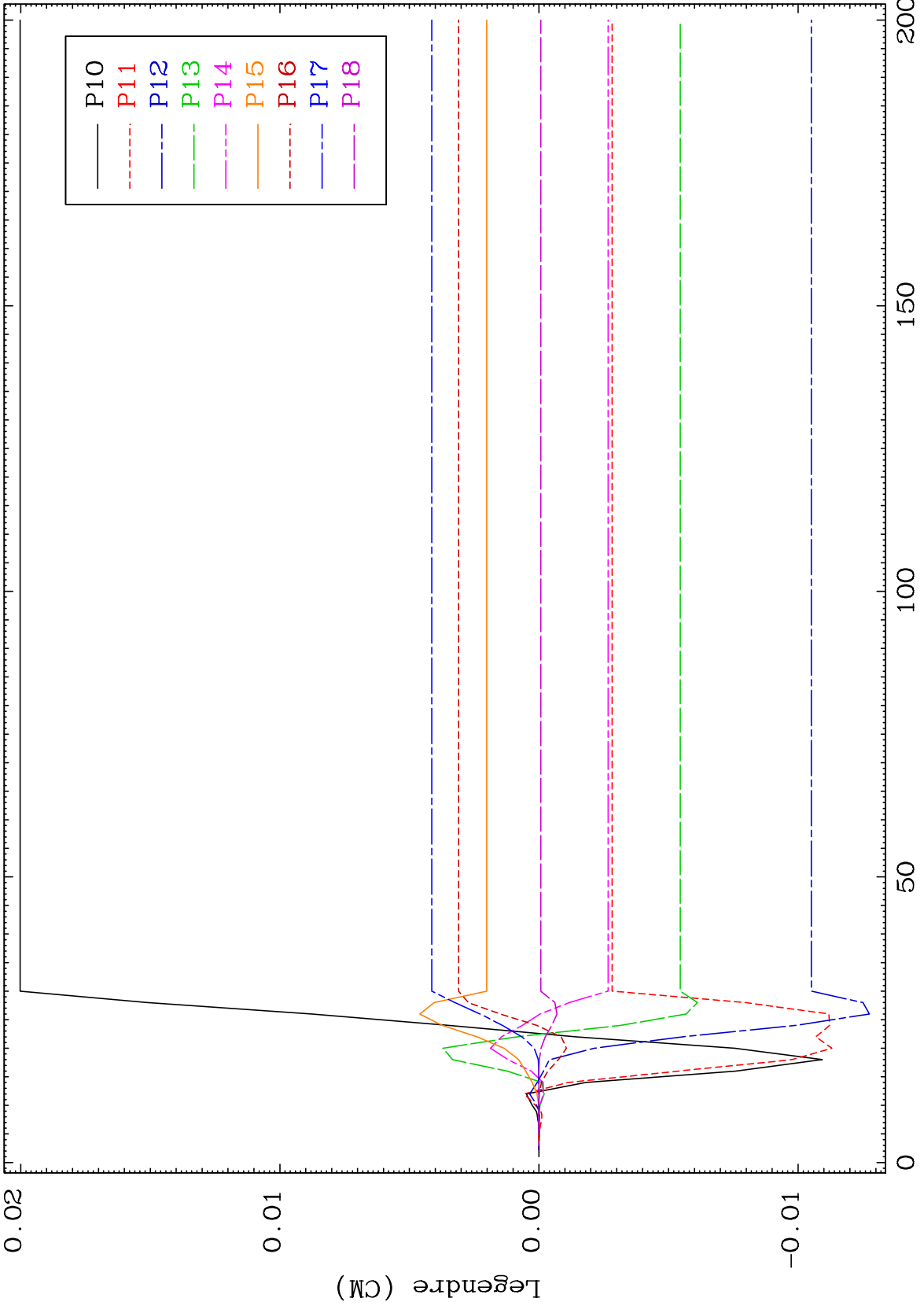


84

Incident Energy (MeV)

69-Tm-167

MAT 6919 MT= 72 (n,n') Level Legendre Coefficients 69-Tm-167

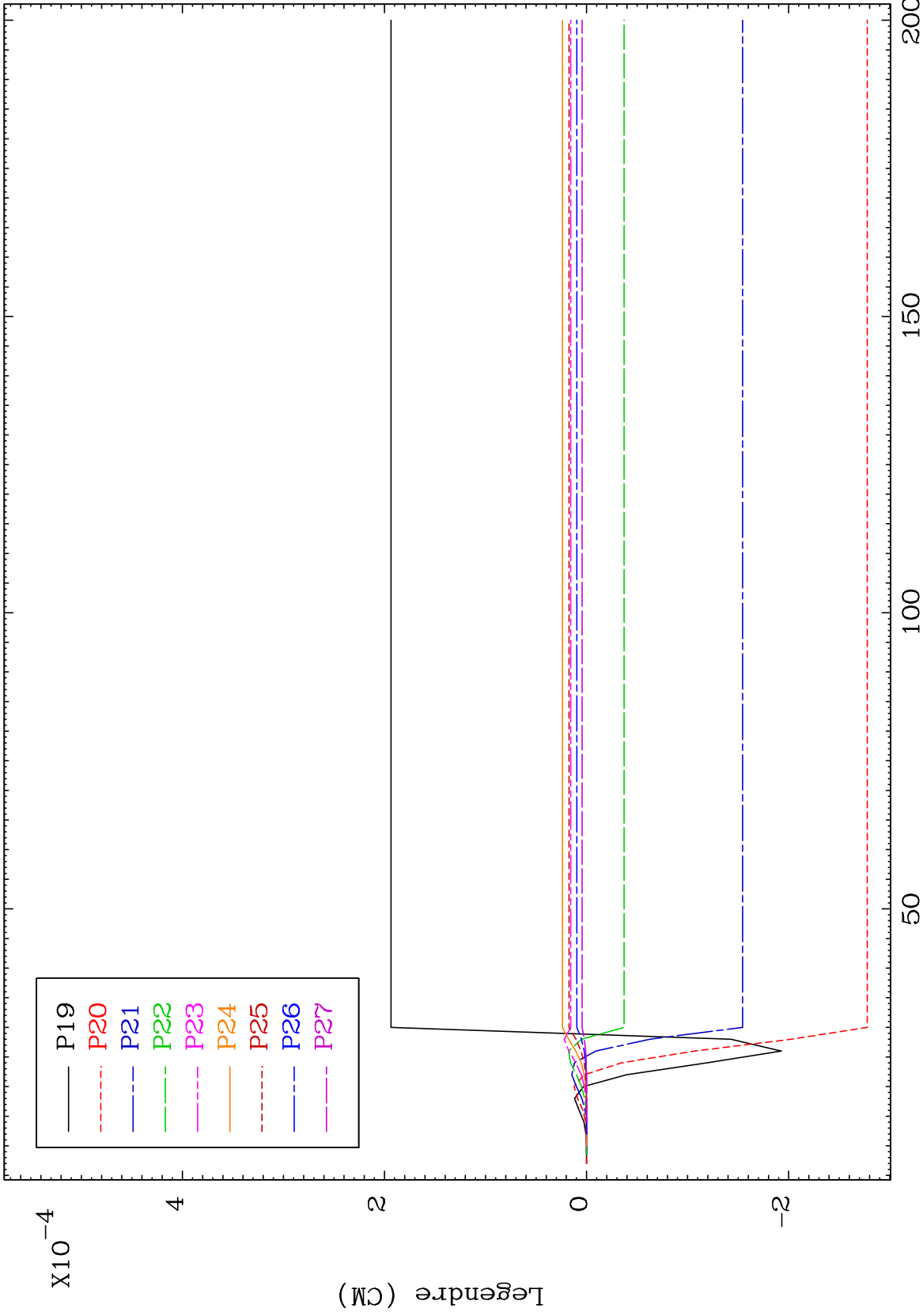


85 Incident Energy (MeV) 69-Tm-167

MAT 6919

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

69-Tm-167



86

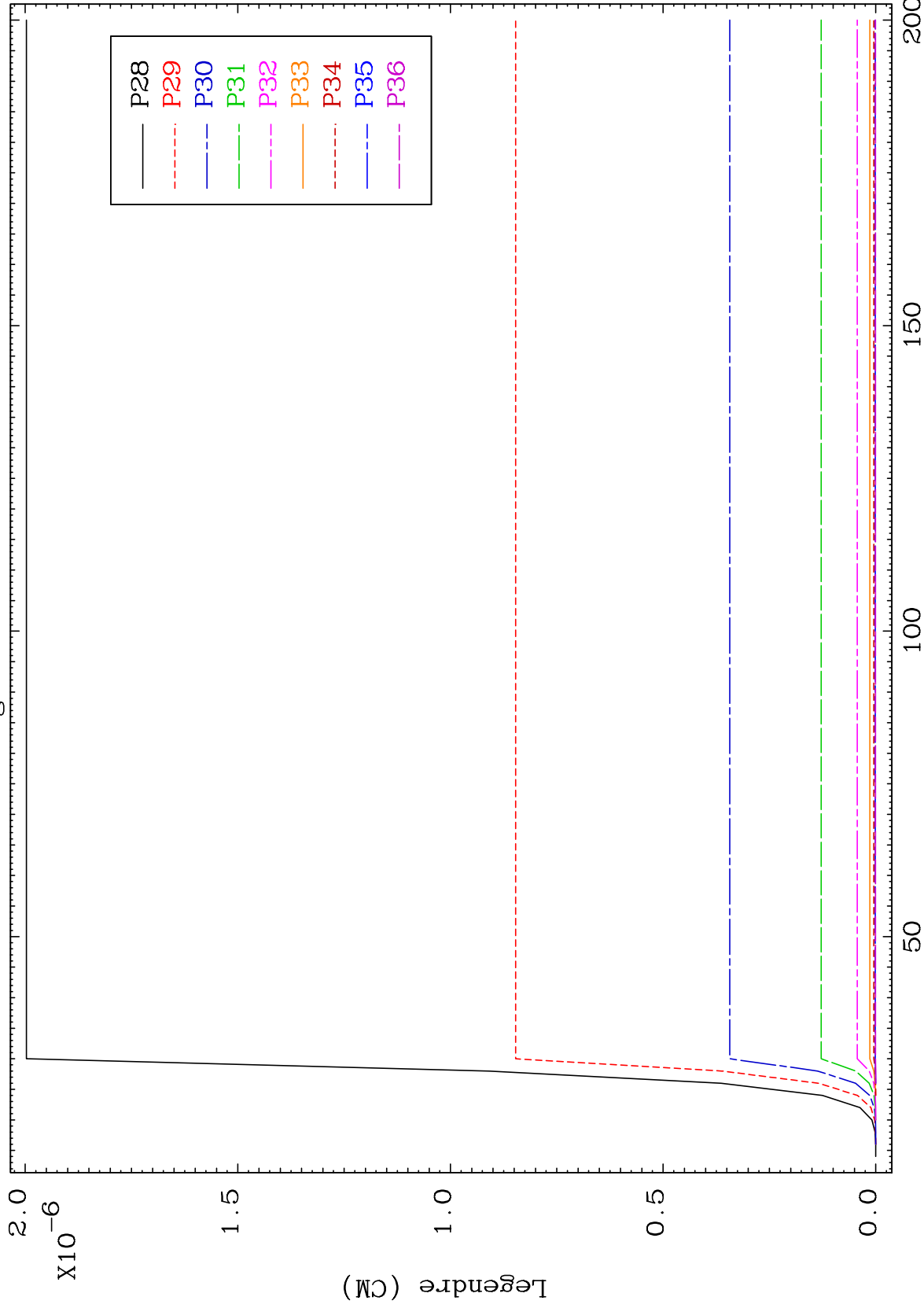
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



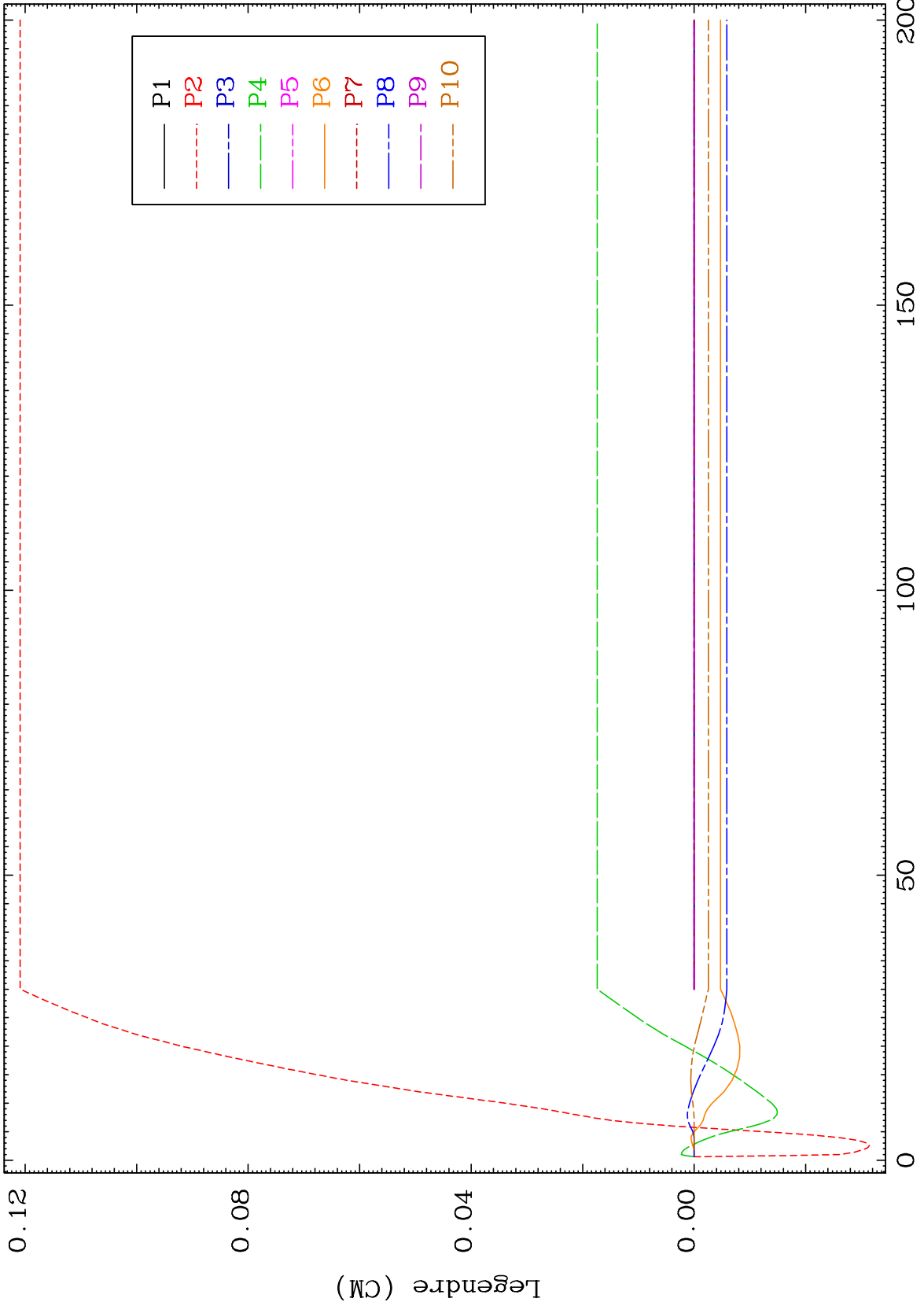
87

Incident Energy (MeV)

69-Tm-167



MAT 6919 MT= 73 (n,n') Level Legendre Coefficients 69-Tm-167

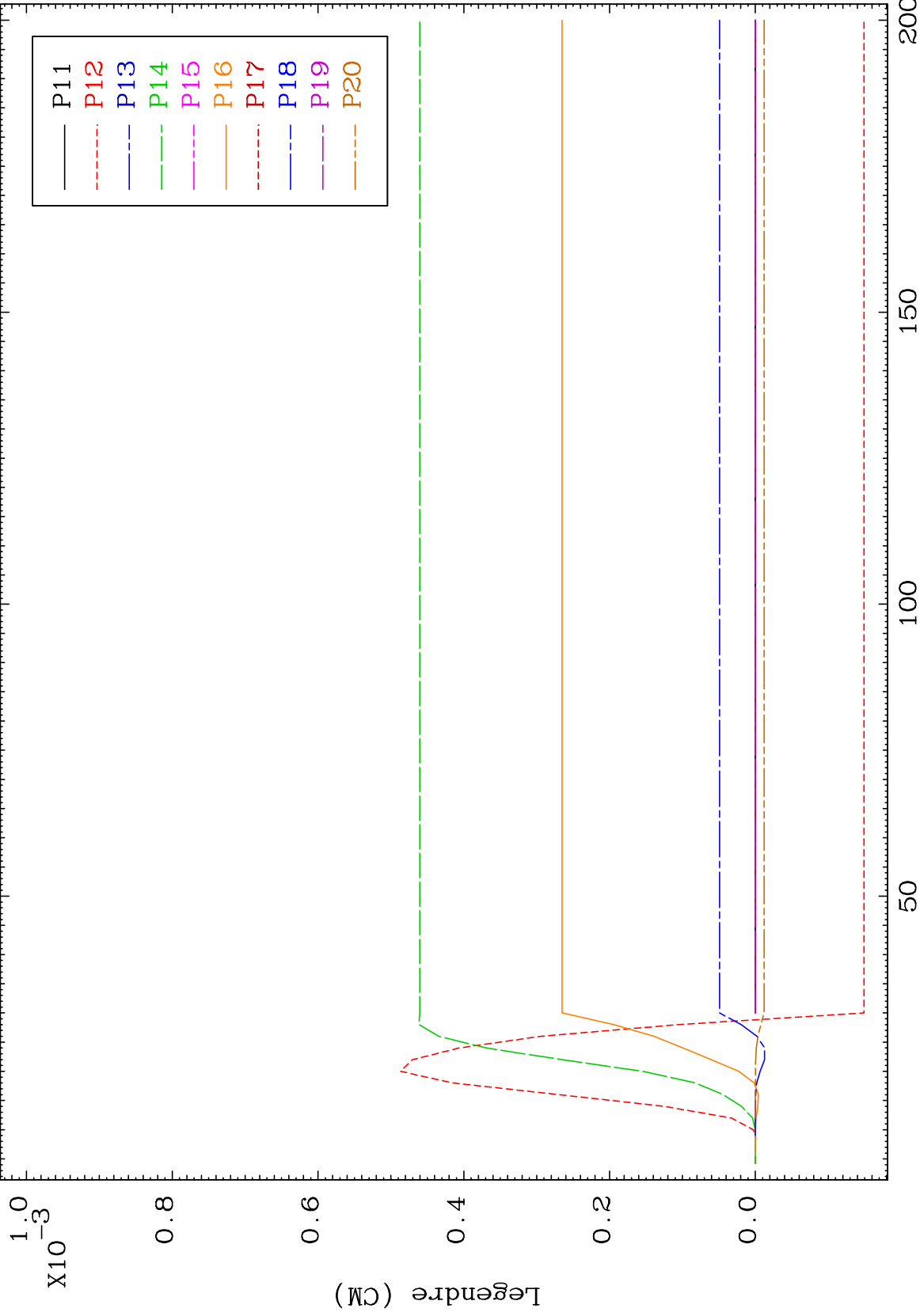


88 69-Tm-167

MAT 6919

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

69-Tm-167



89

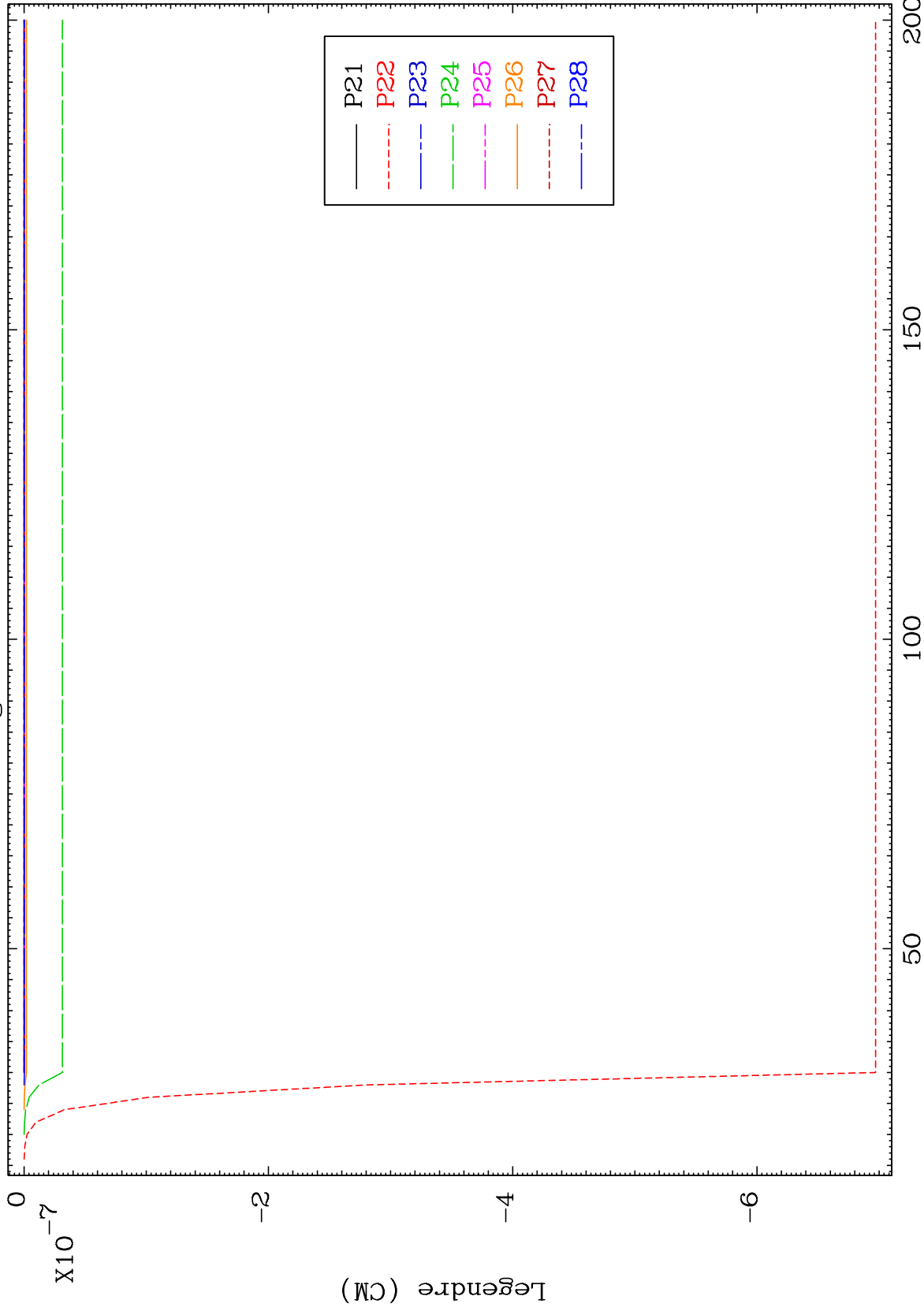
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



90

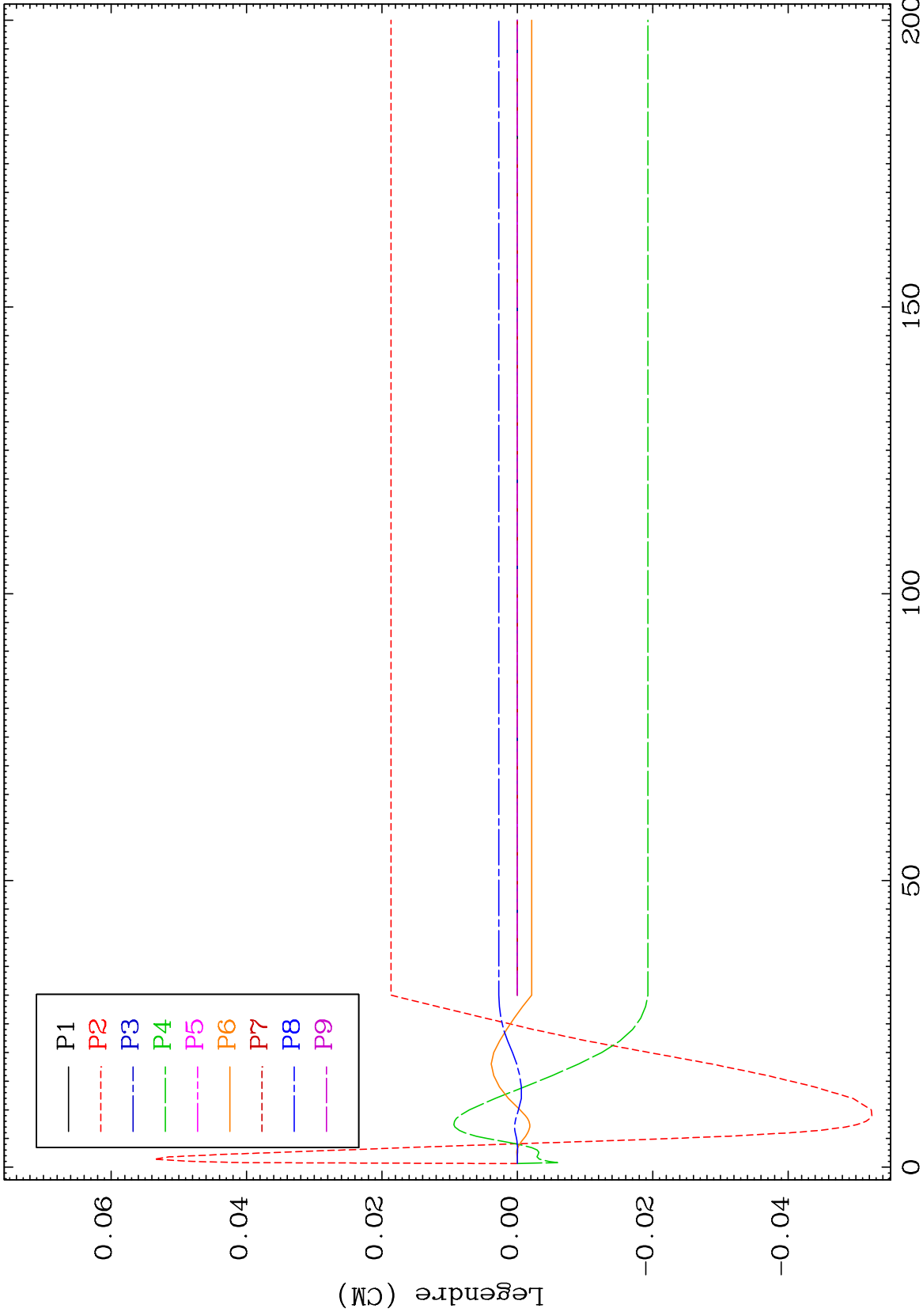
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



91

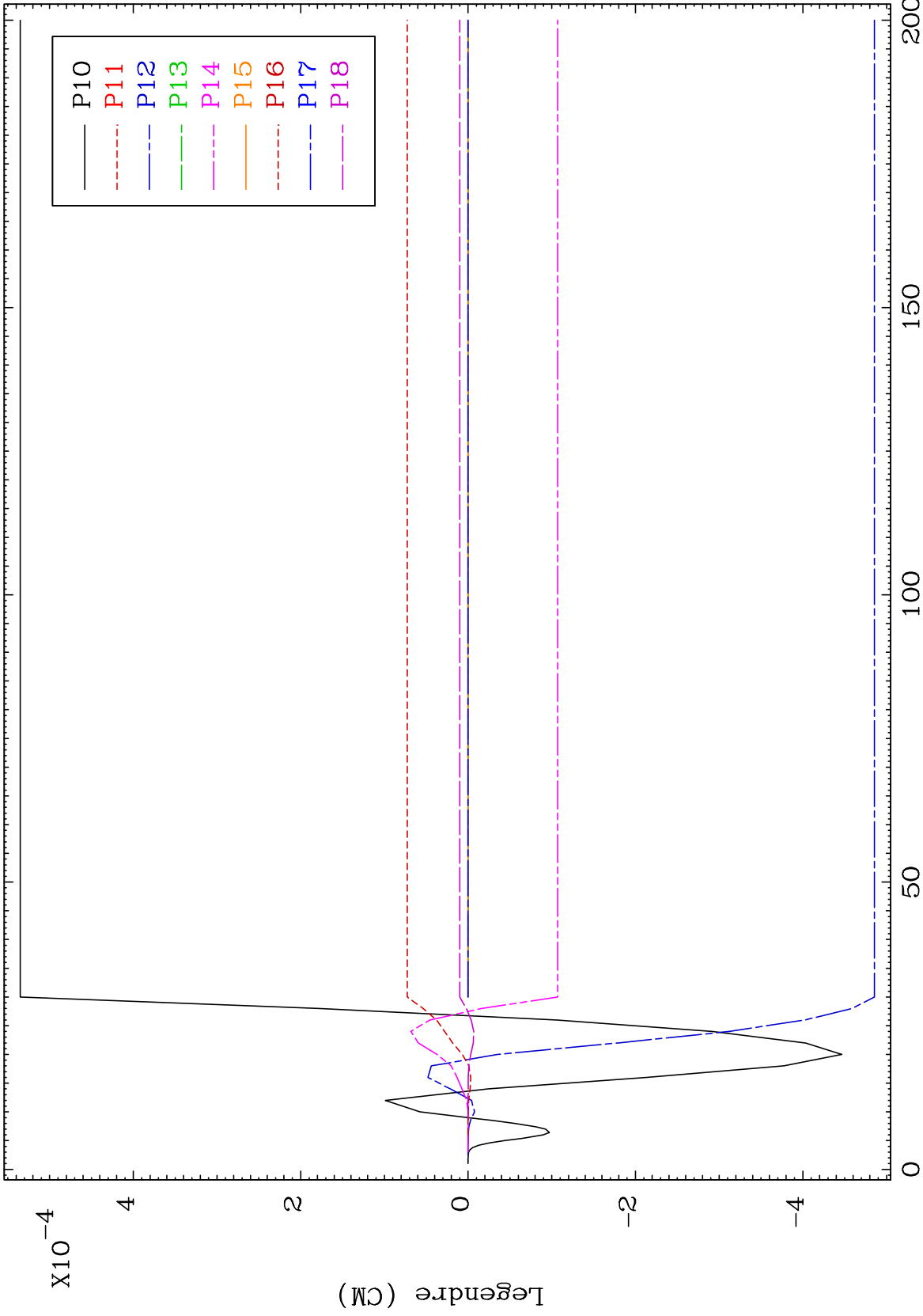
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



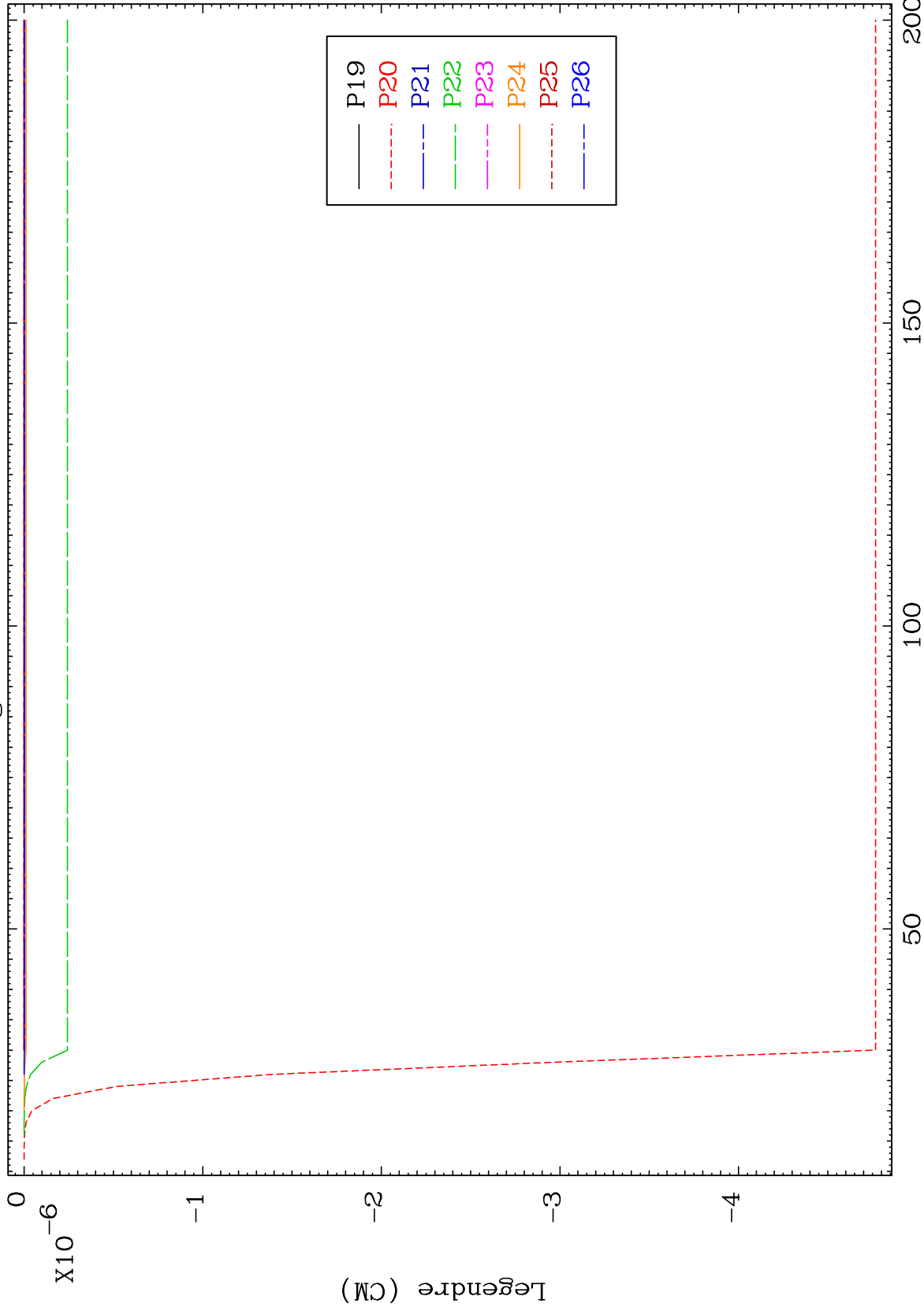
92

69-Tm-167

MAT 6919

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

69-Tm-167



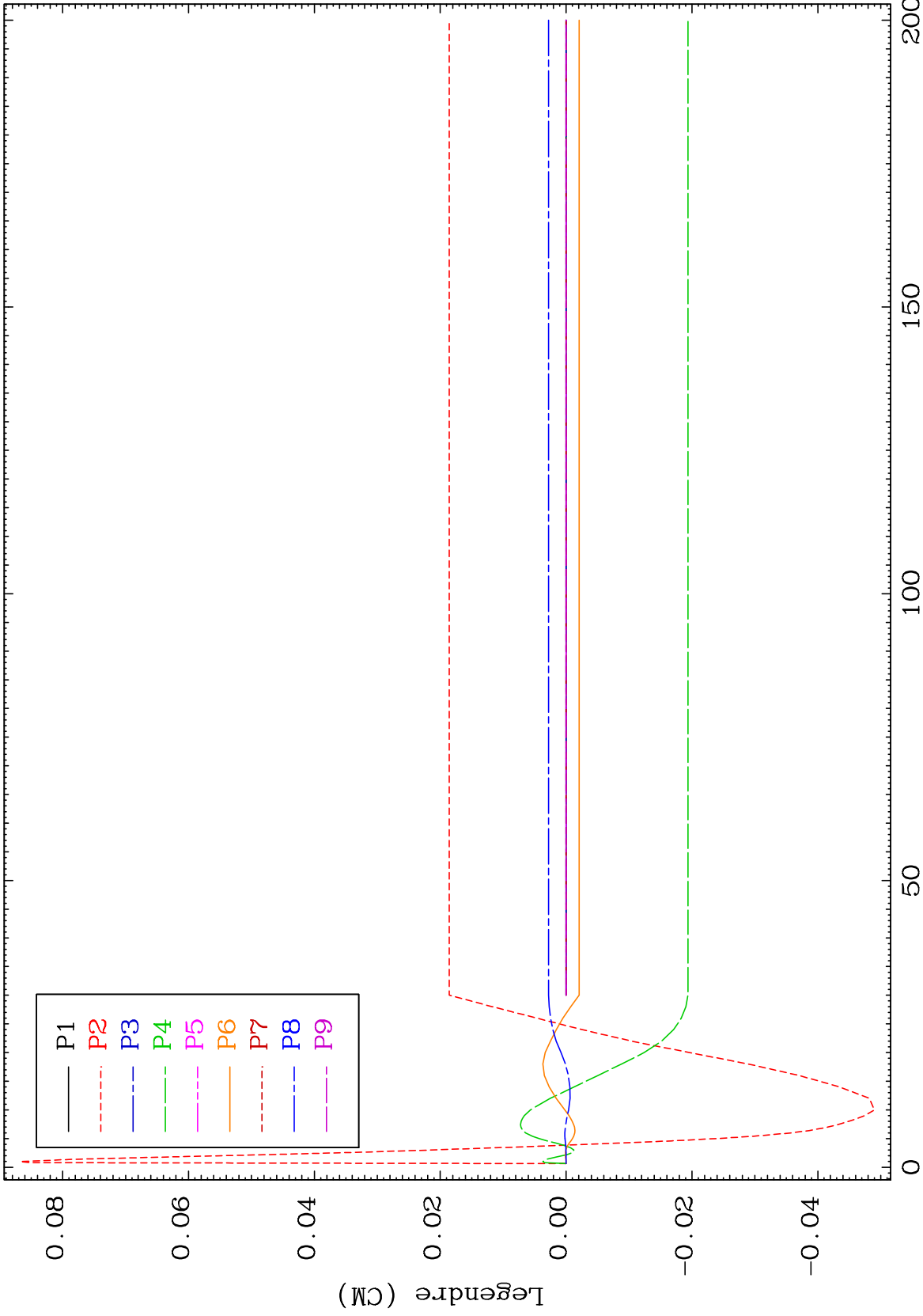
93

69-Tm-167

MAT 6919

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

69-Tm-167



94

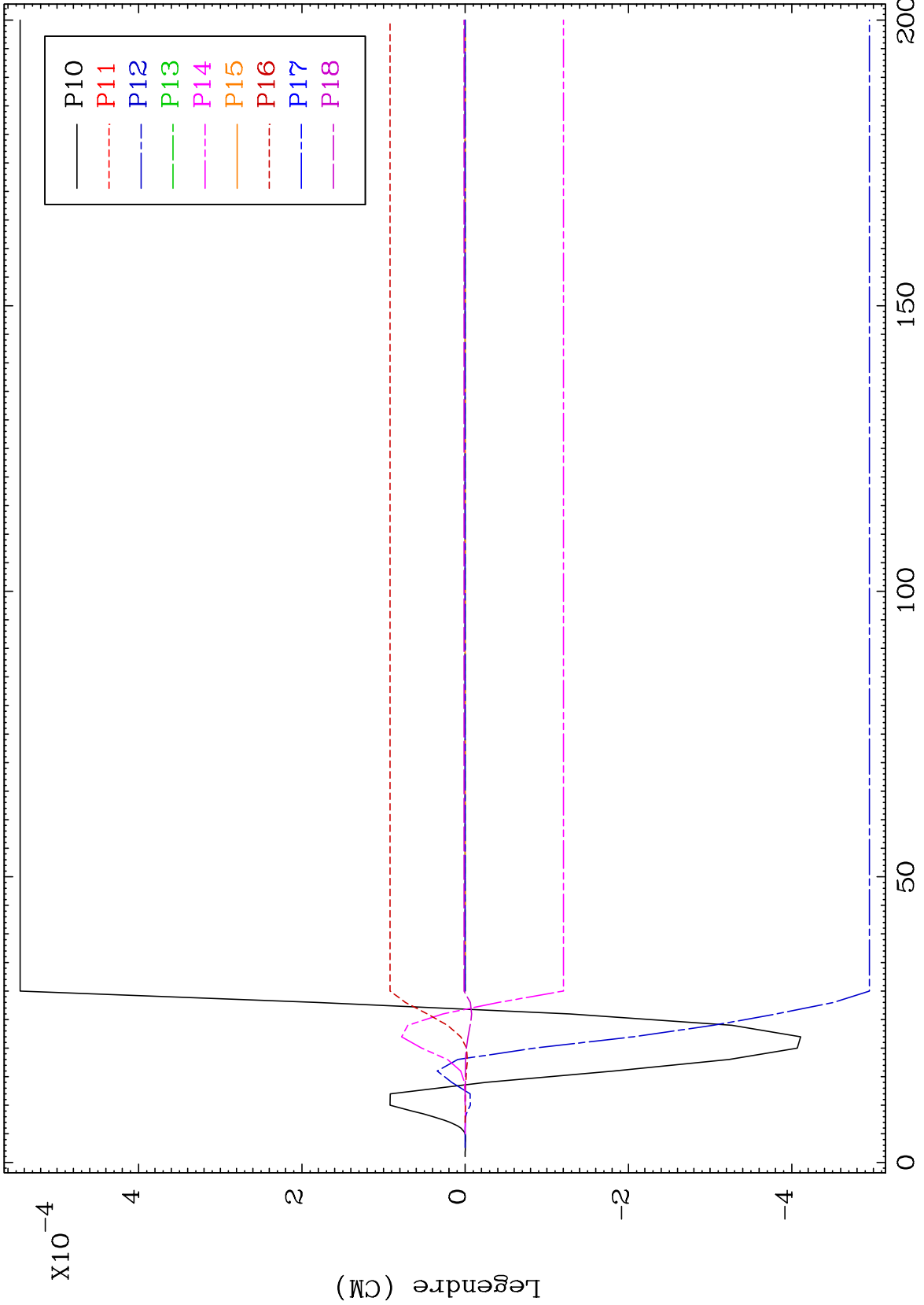
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



95

Incident Energy (MeV)

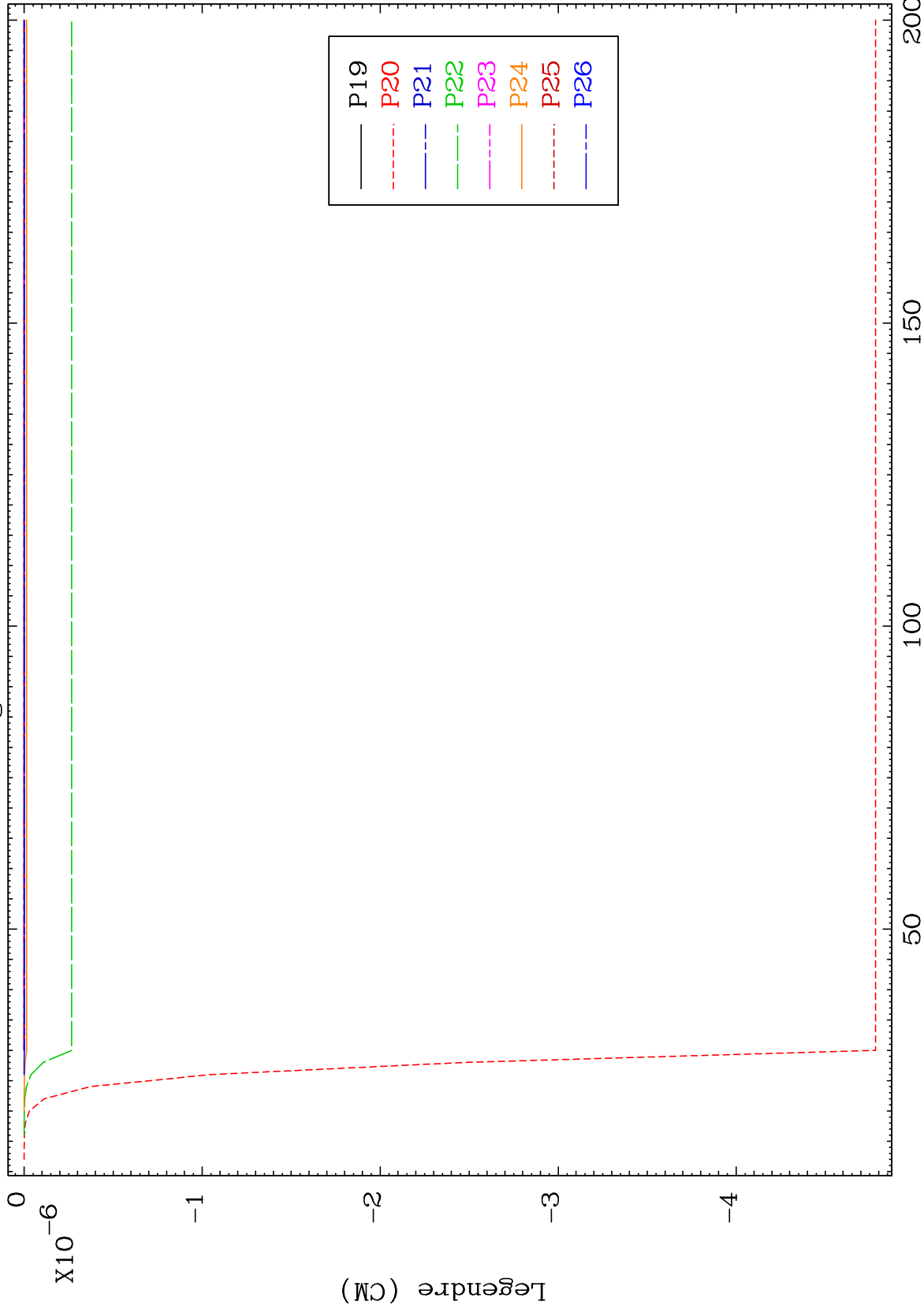
69-Tm-167



MAT 6919

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

69-Tm-167

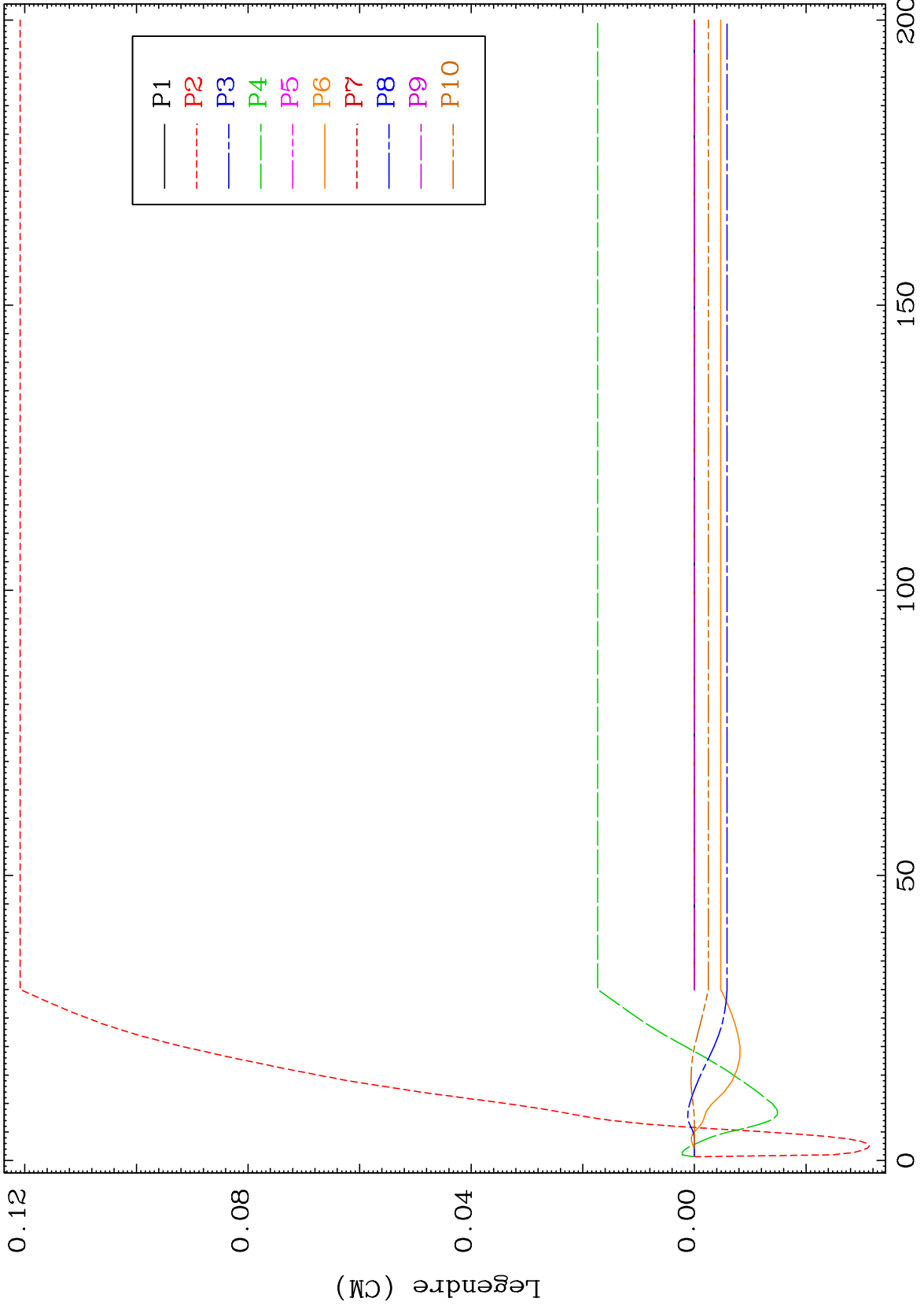


69-Tm-167

Incident Energy (MeV)

96

MAT 6919 MT= 76 (n,n') Level Legendre Coefficients 69-Tm-167

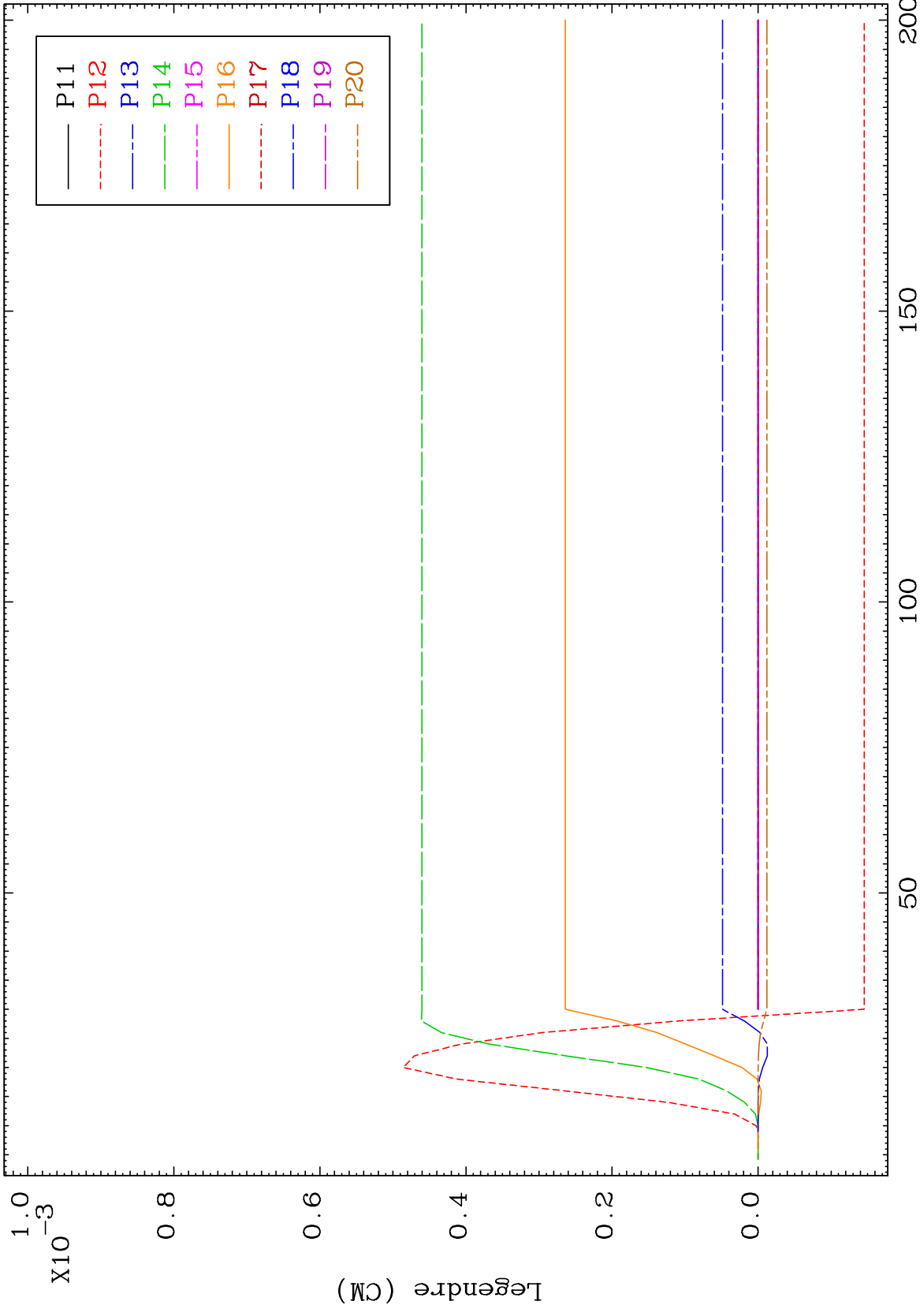


97 69-Tm-167

MAT 6919

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

69-Tm-167

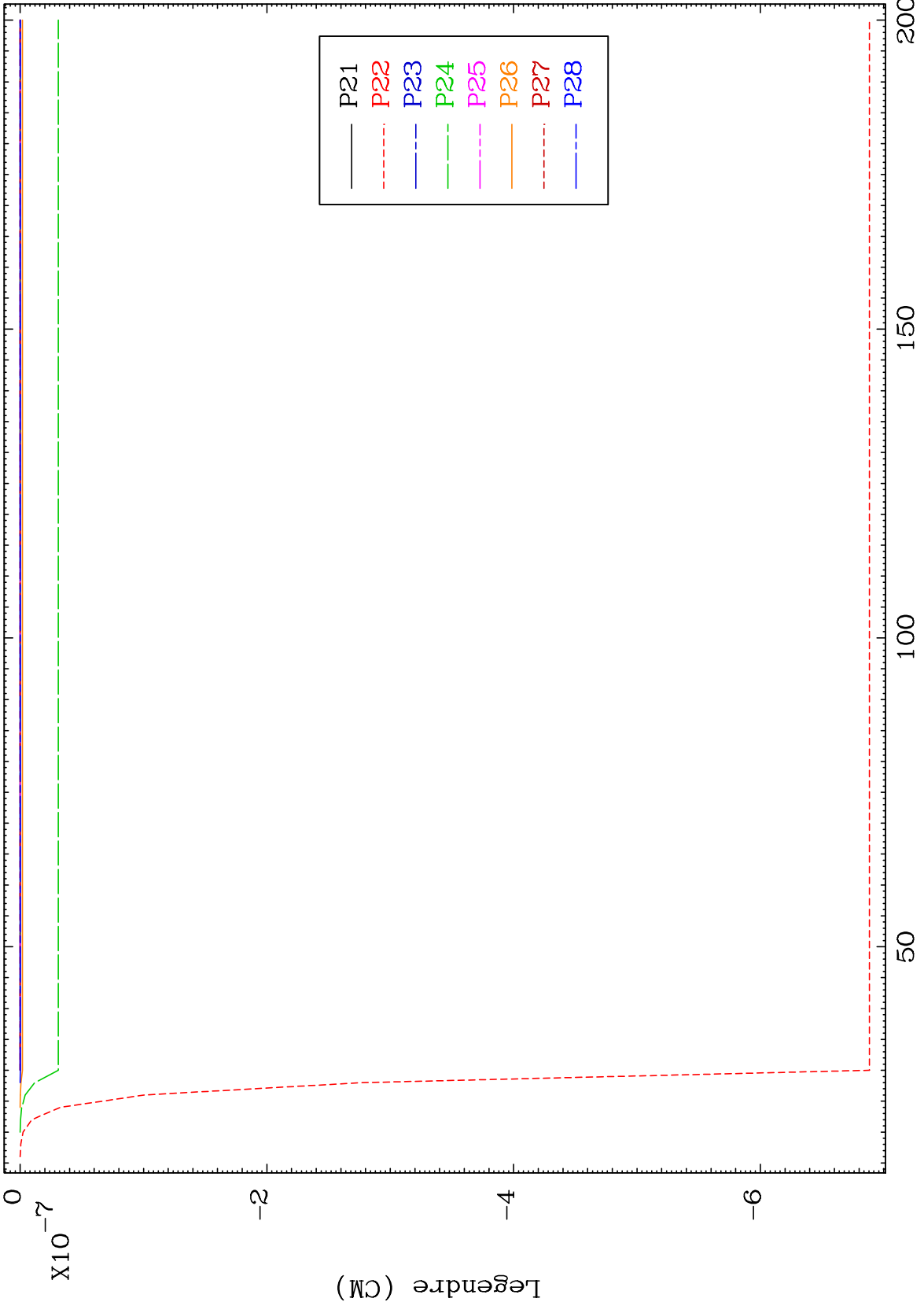


98

Incident Energy (MeV)

69-Tm-167

MAT 6919 MT= 76 (n,n') Level Legendre Coefficients 69-Tm-167

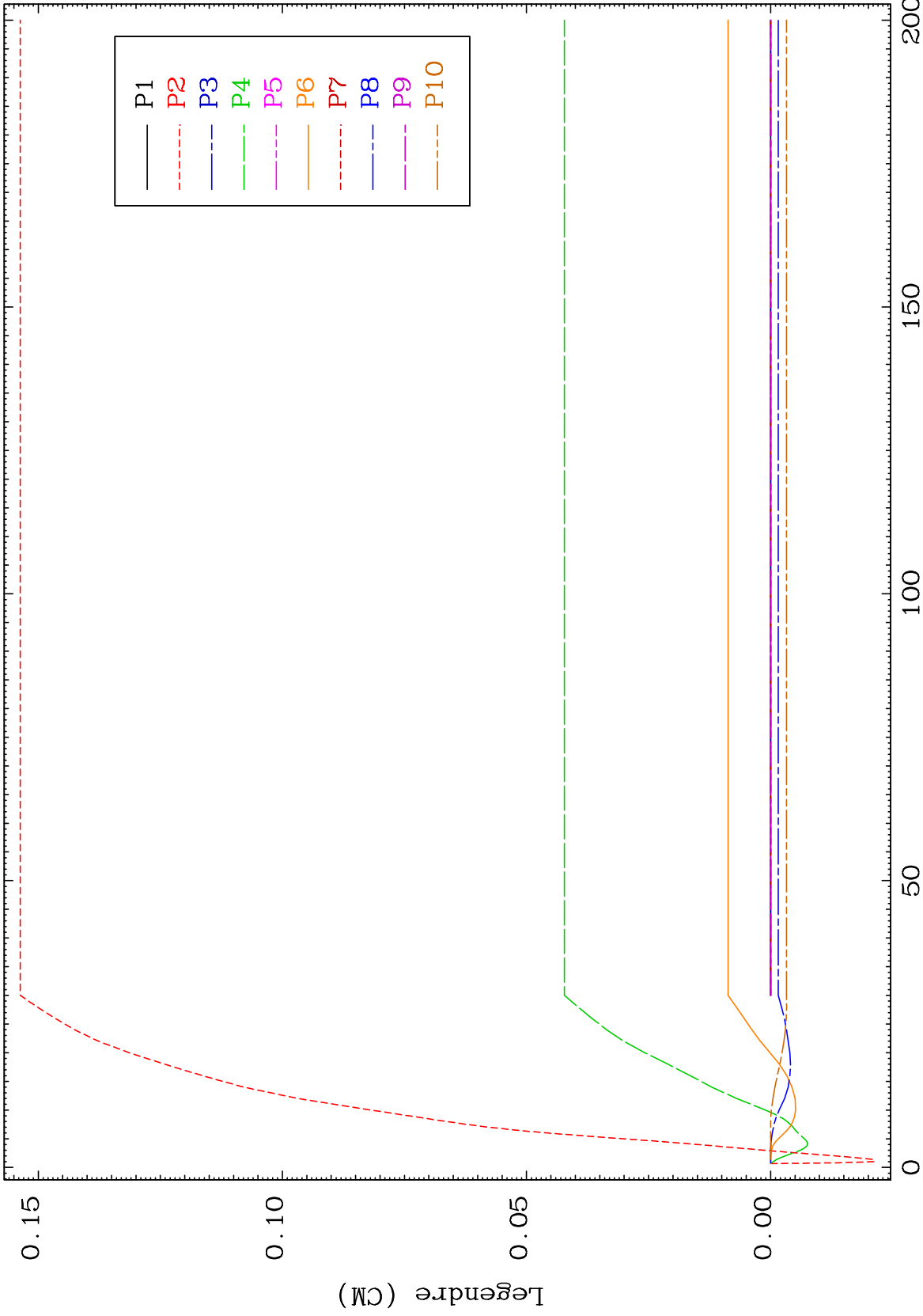


99 69-Tm-167

MAT 6919

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

69-Tm-167



69-Tm-167

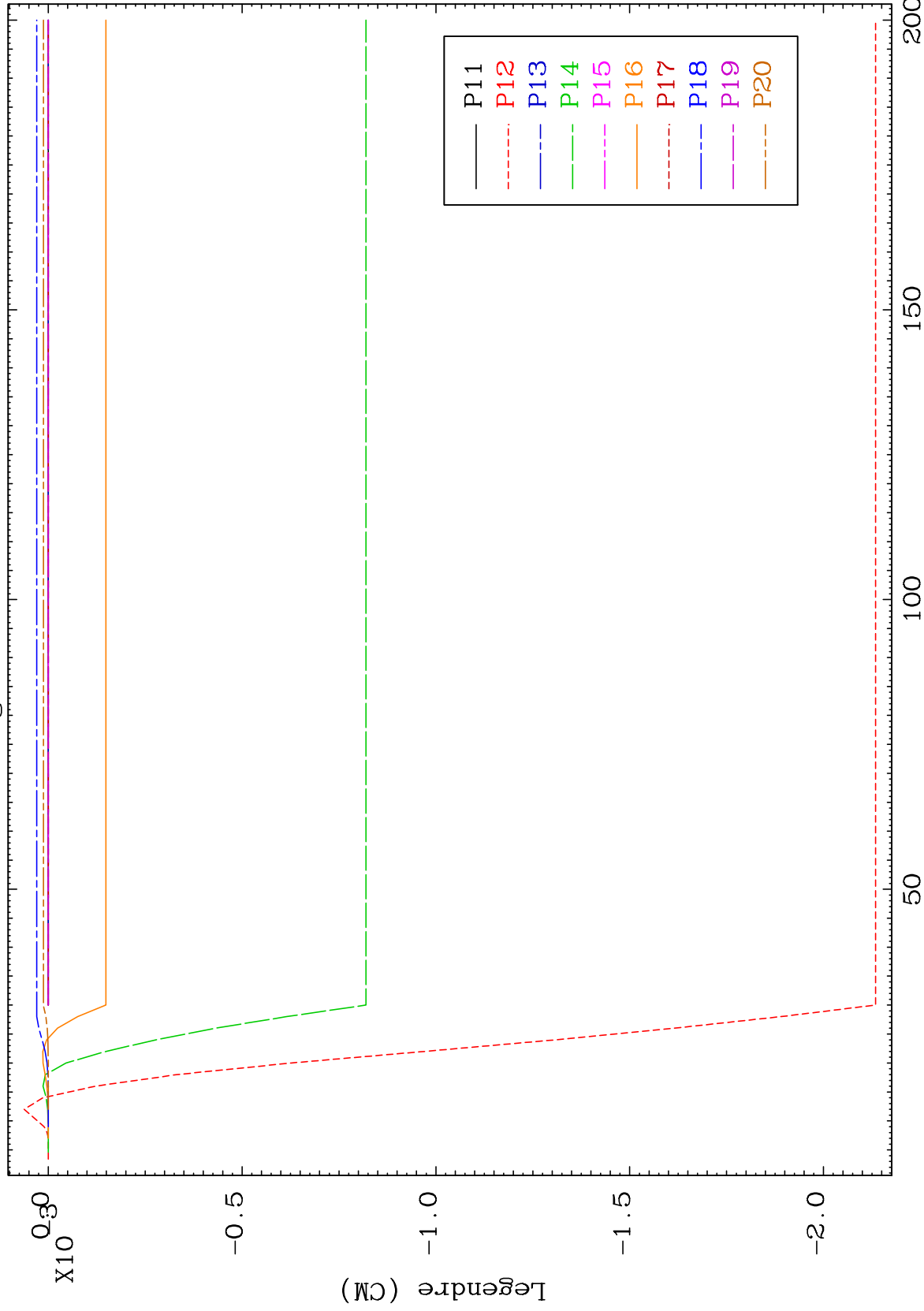
Incident Energy (MeV)

100

MAT 6919

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

69-Tm-167



101

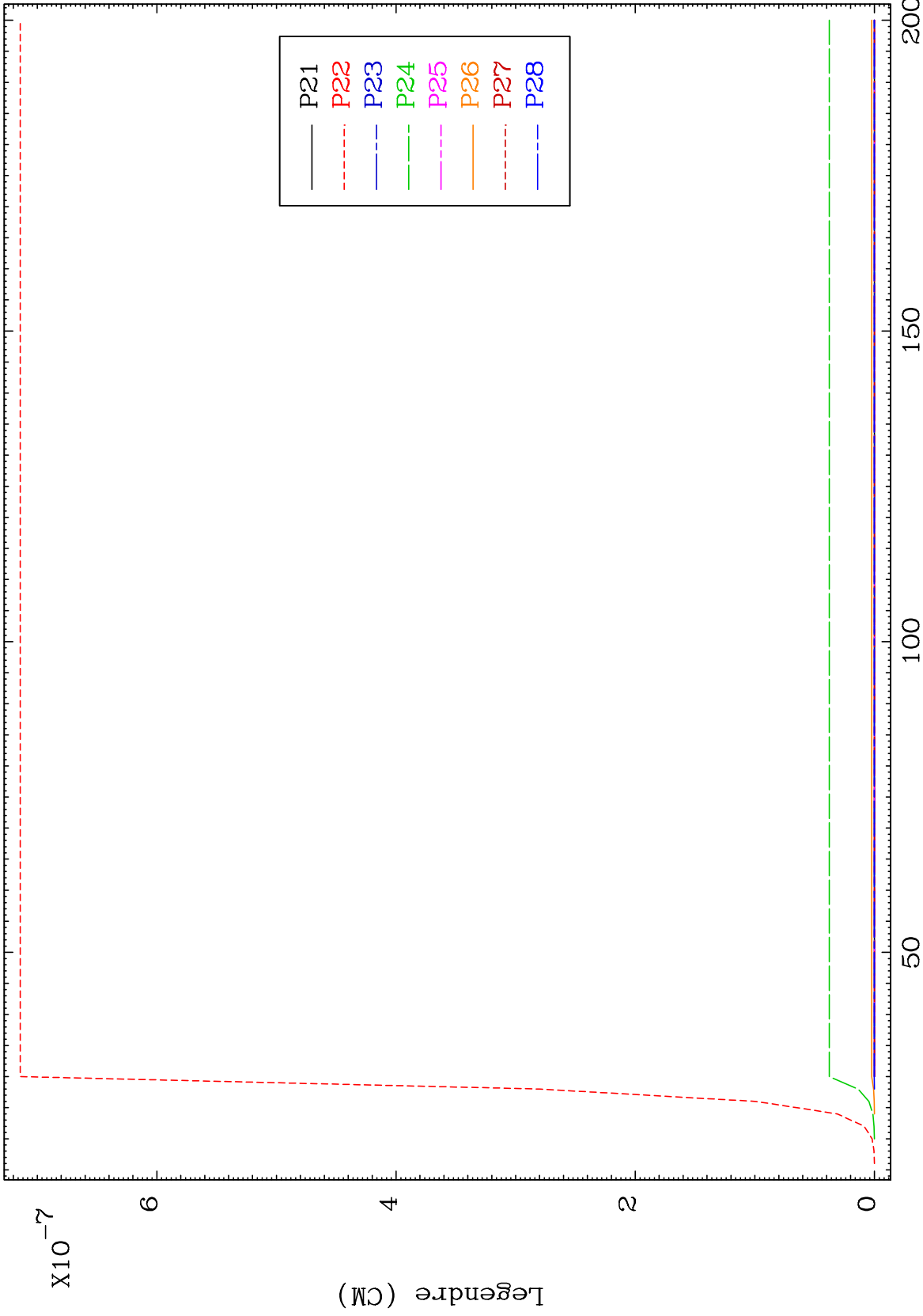
Incident Energy (MeV)

69-Tm-167

MAT 6919

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

69-Tm-167



102

Incident Energy (MeV)

50

100

150

200

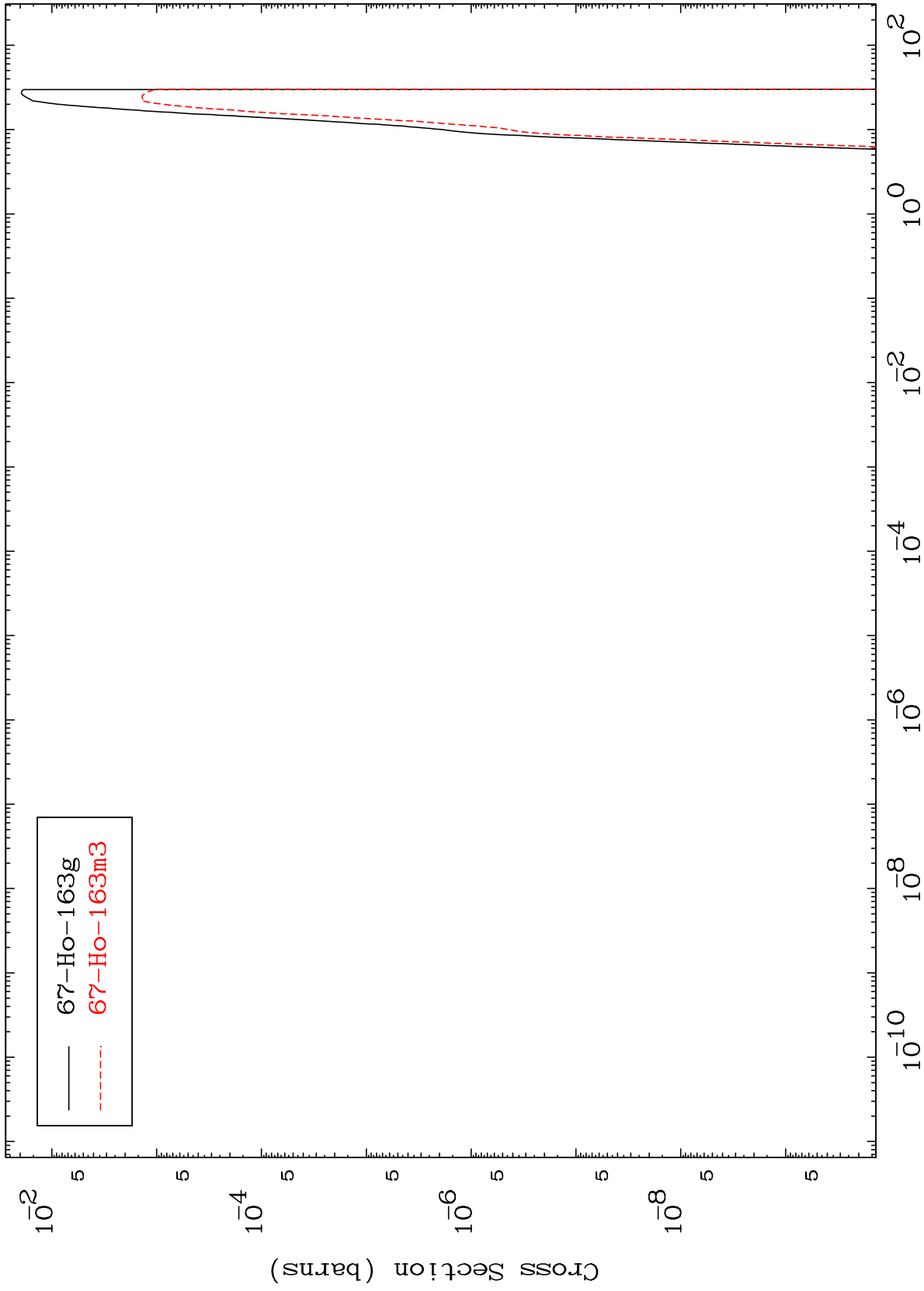
69-Tm-167

MAT 6919

(n,n')  $\alpha$

69-Tm-167

Radionuclide Production Cross Section



103

Incident Energy (MeV)

69-Tm-167

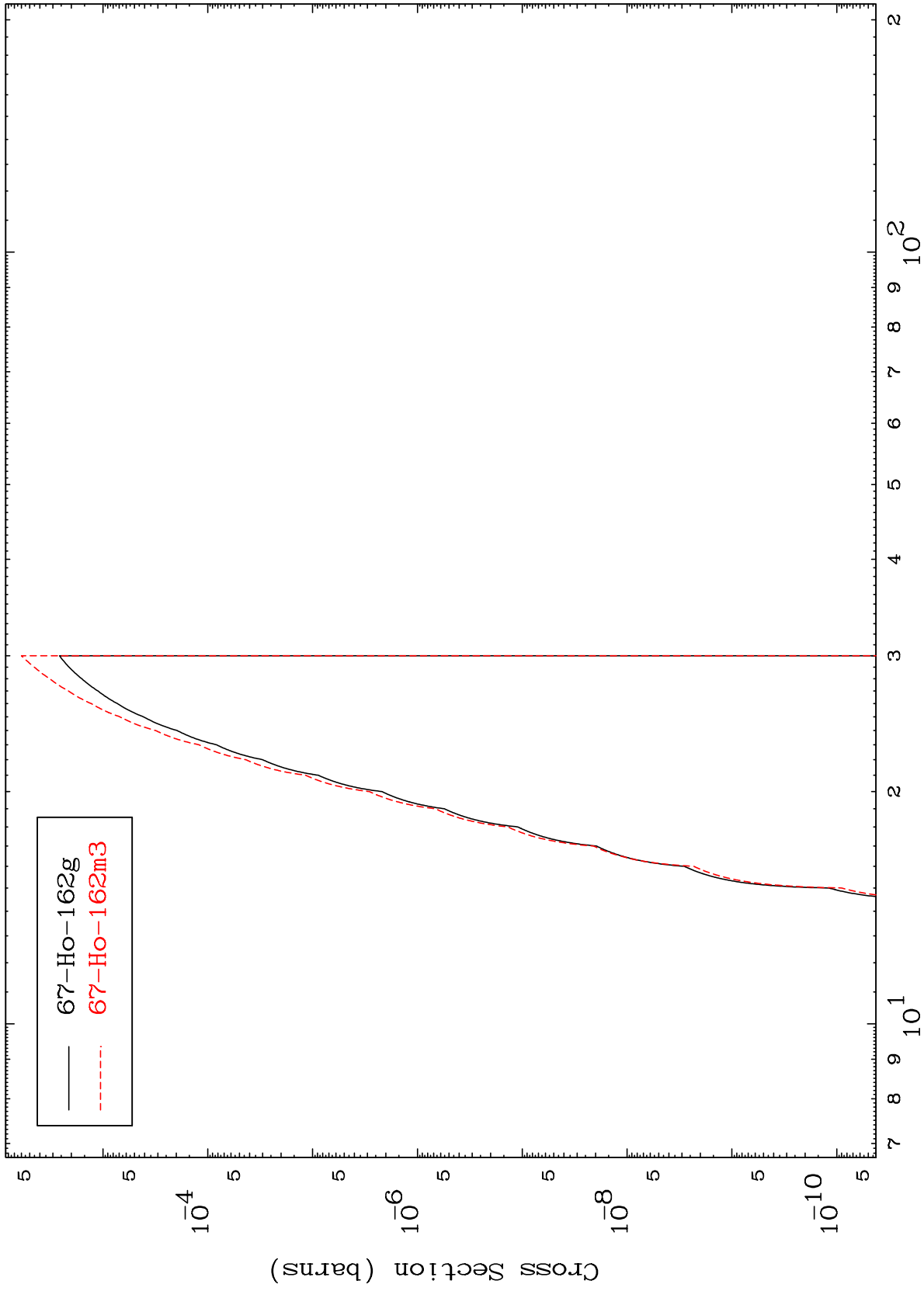


MAT 6919

(n,2n)  $\alpha$

69-Tm-167

Radionuclide Production Cross Section



104

Incident Energy (MeV)

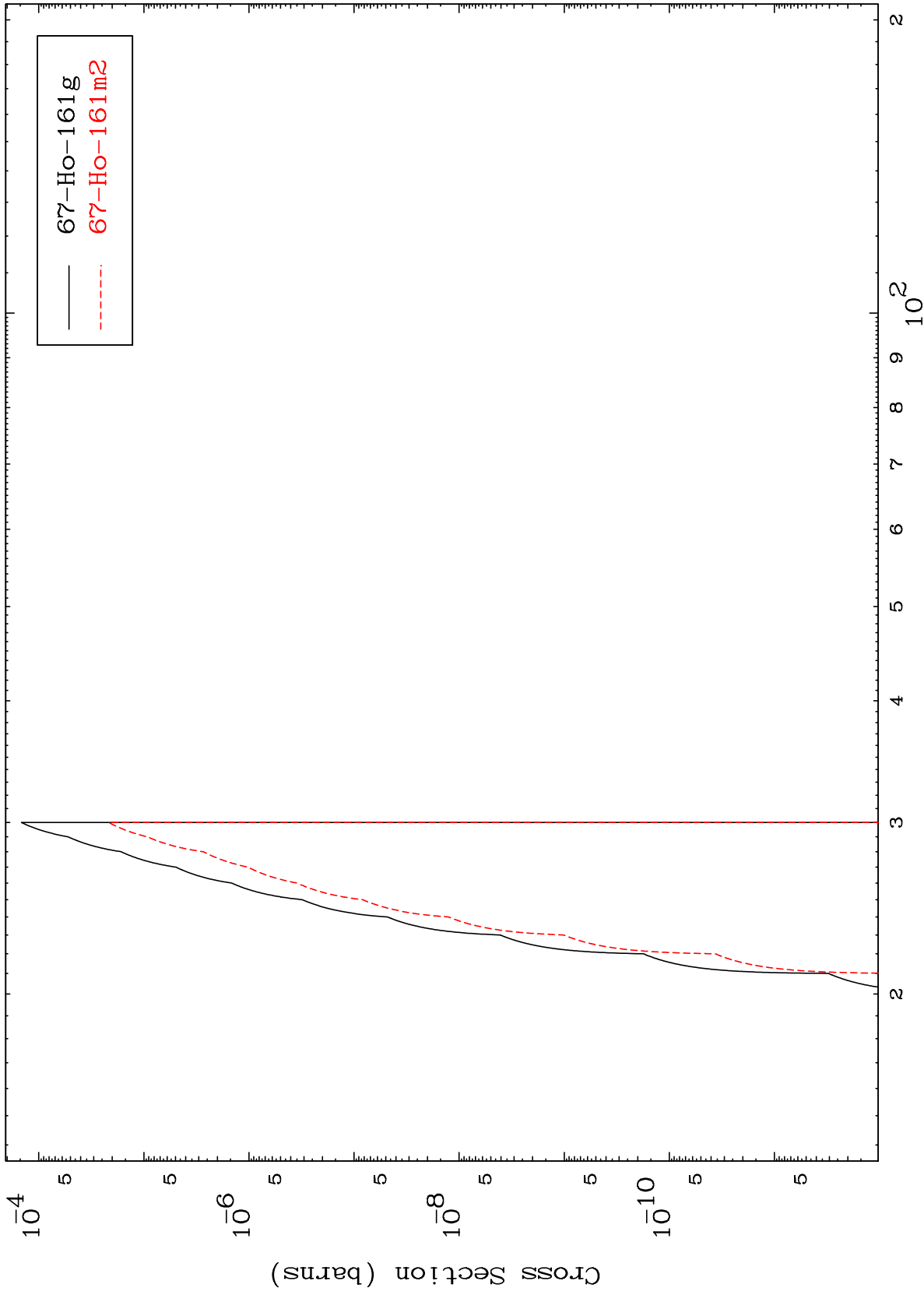
69-Tm-167

MAT 6919

(n,3n)  $\alpha$

69-Tm-167

Radionuclide Production Cross Section



105

Incident Energy (MeV)

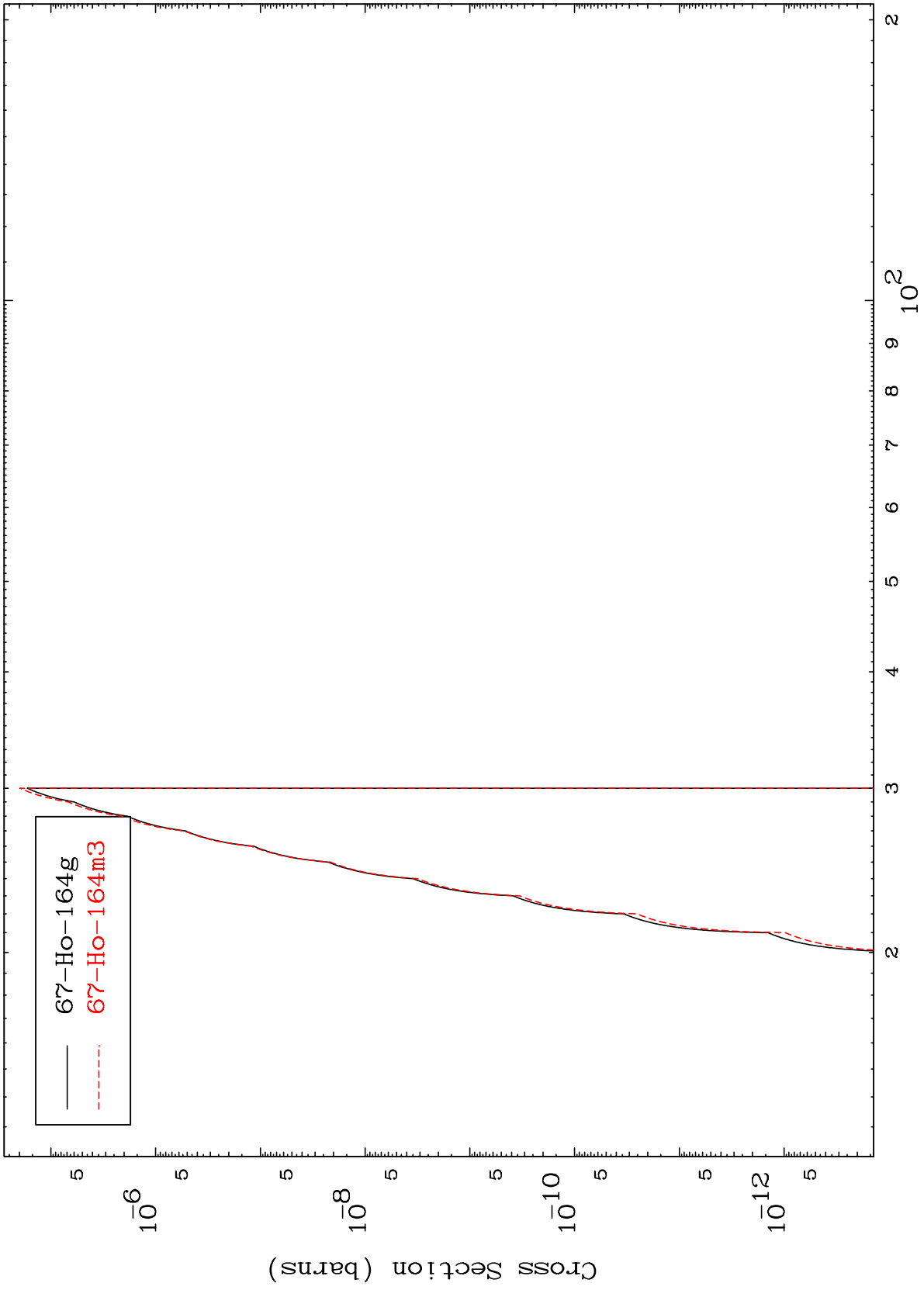
69-Tm-167

MAT 6919

(n, n') He-3

69-Tm-167

Radionuclide Production Cross Section



106

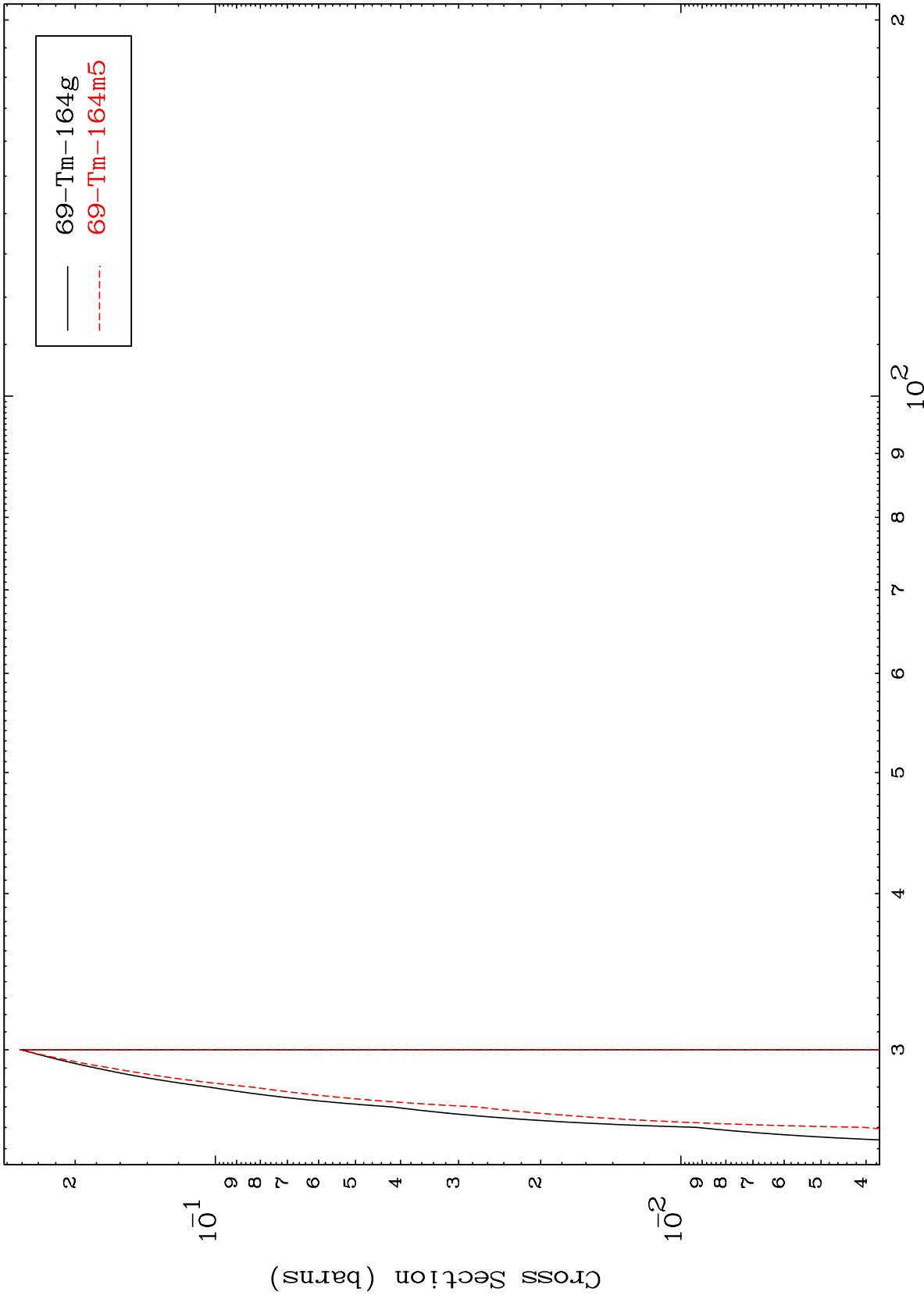
Incident Energy (MeV)

69-Tm-167

MAT 6919

69-Tm-167

(n,4n)  
Radionuclide Production Cross Section



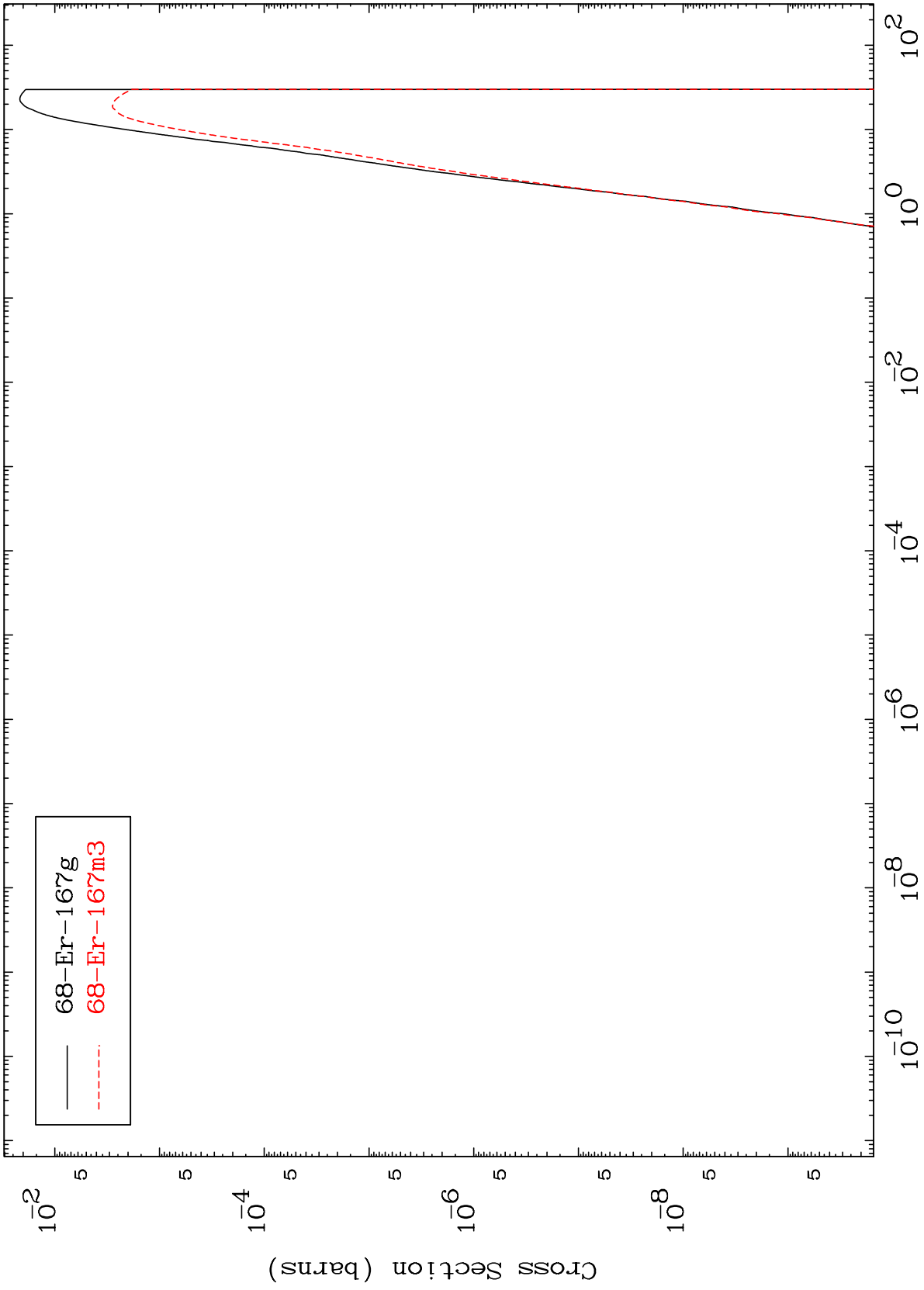
107

69-Tm-167

MAT 6919

(n,p)  
Radionuclide Production Cross Section

69-Tm-167



68-Er-167g  
68-Er-167m3

108

Incident Energy (MeV)

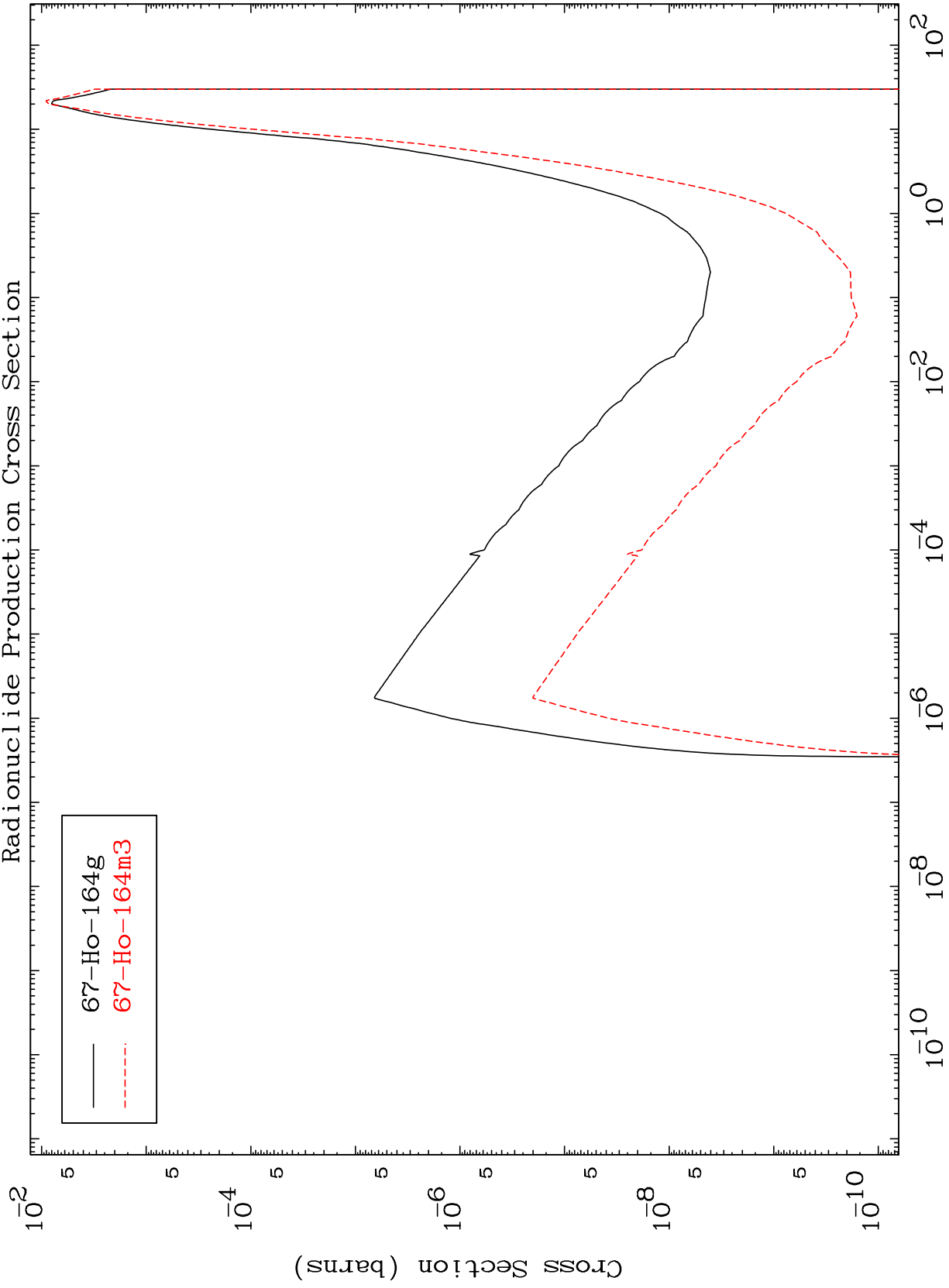
69-Tm-167

MAT 6919

(n,  $\alpha$ )

69-Tm-167

Radionuclide Production Cross Section



109

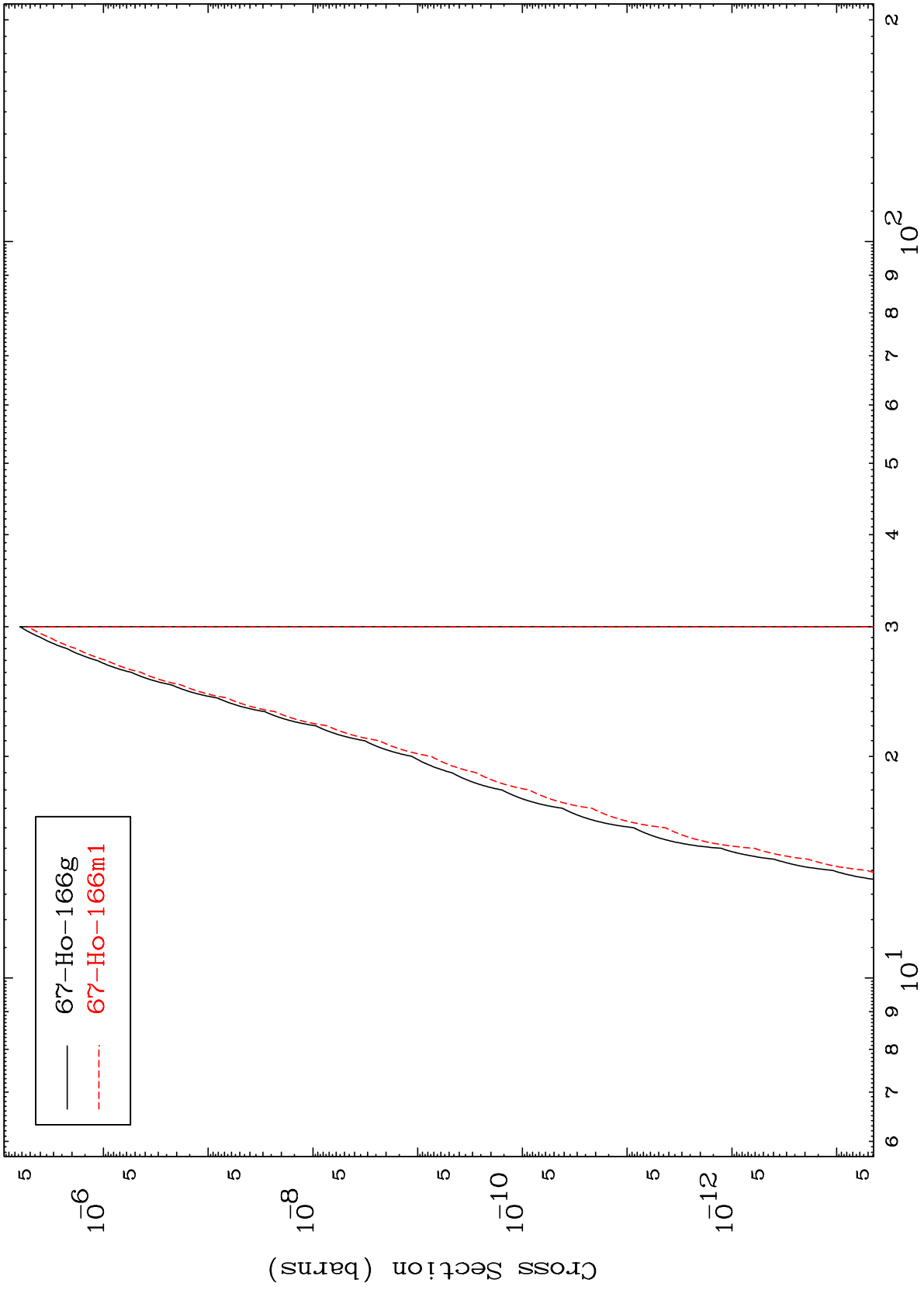
Incident Energy (MeV)

69-Tm-167

MAT 6919

69-Tm-167

Radionuclide Production Cross Section



110

Incident Energy (MeV)

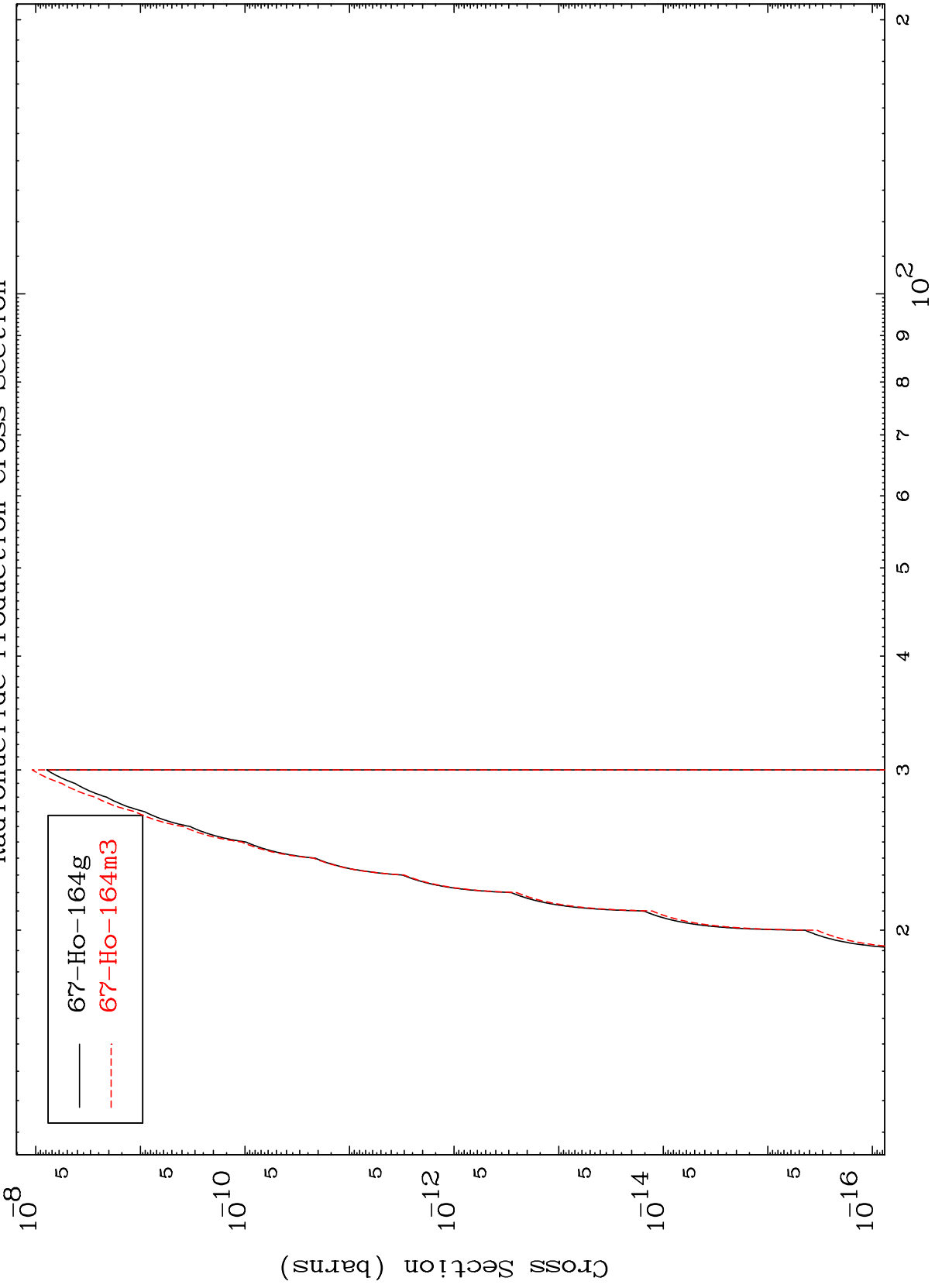
69-Tm-167

MAT 6919

(n,p) t

69-Tm-167

Radionuclide Production Cross Section



111

Incident Energy (MeV)

69-Tm-167