

Program EVALPLOT  
(Version 2018-1)

by

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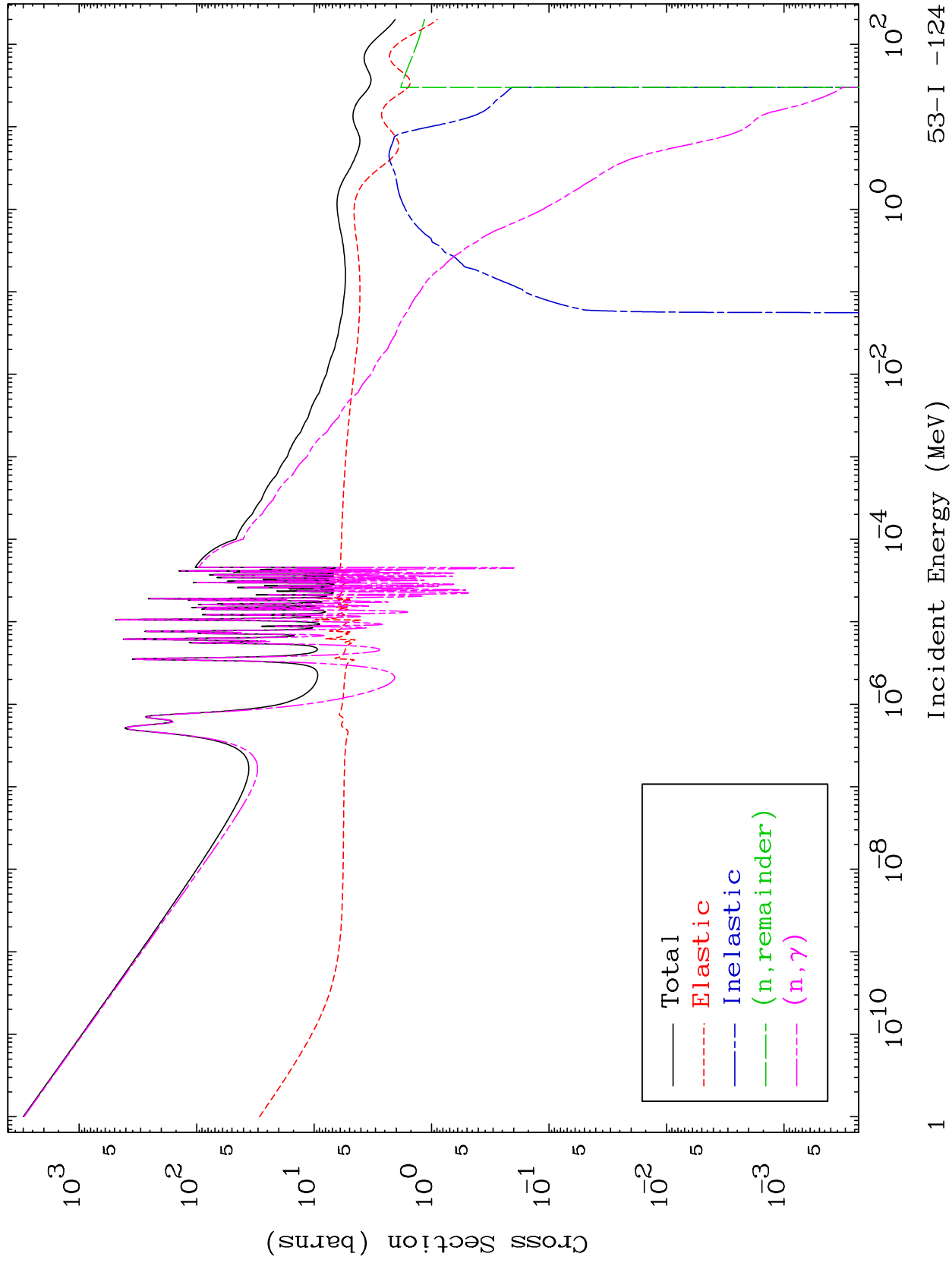
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5316

Major  
293 Kelvin Cross Sections

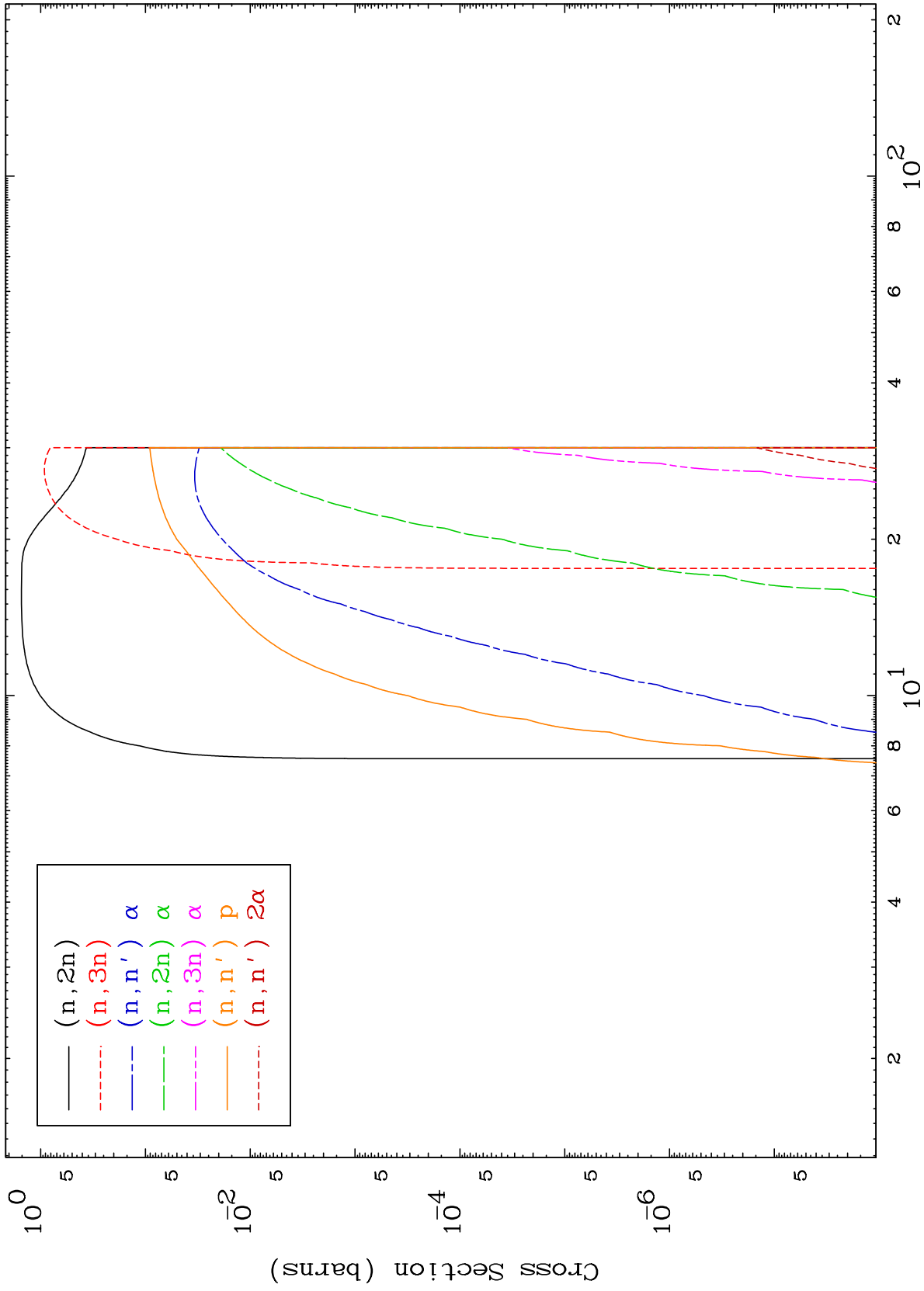
53-I -124



MAT 5316

Neutron Production  
293 Kelvin Cross Sections

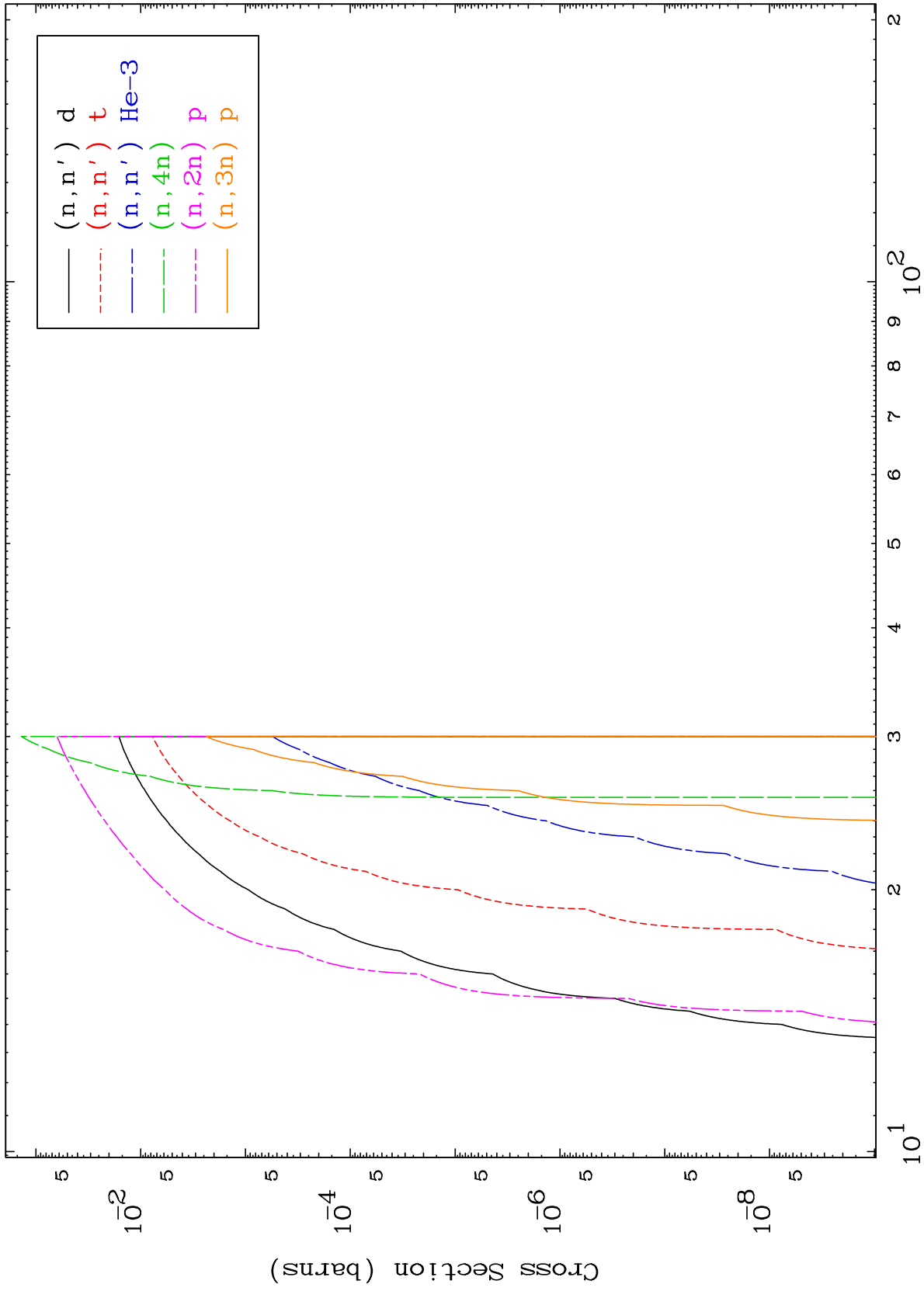
53-I -124

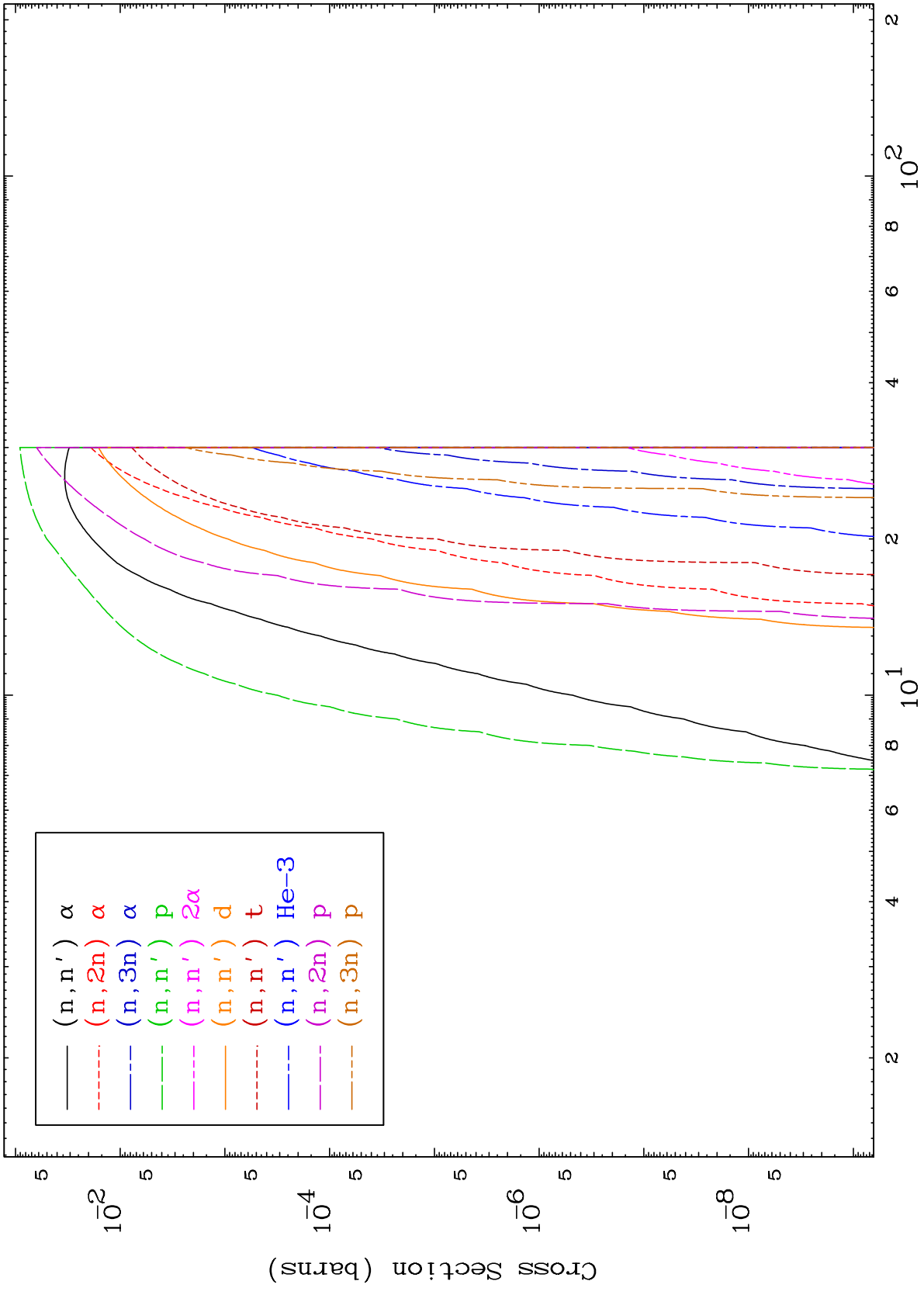


2

Incident Energy (MeV)

53-I -124

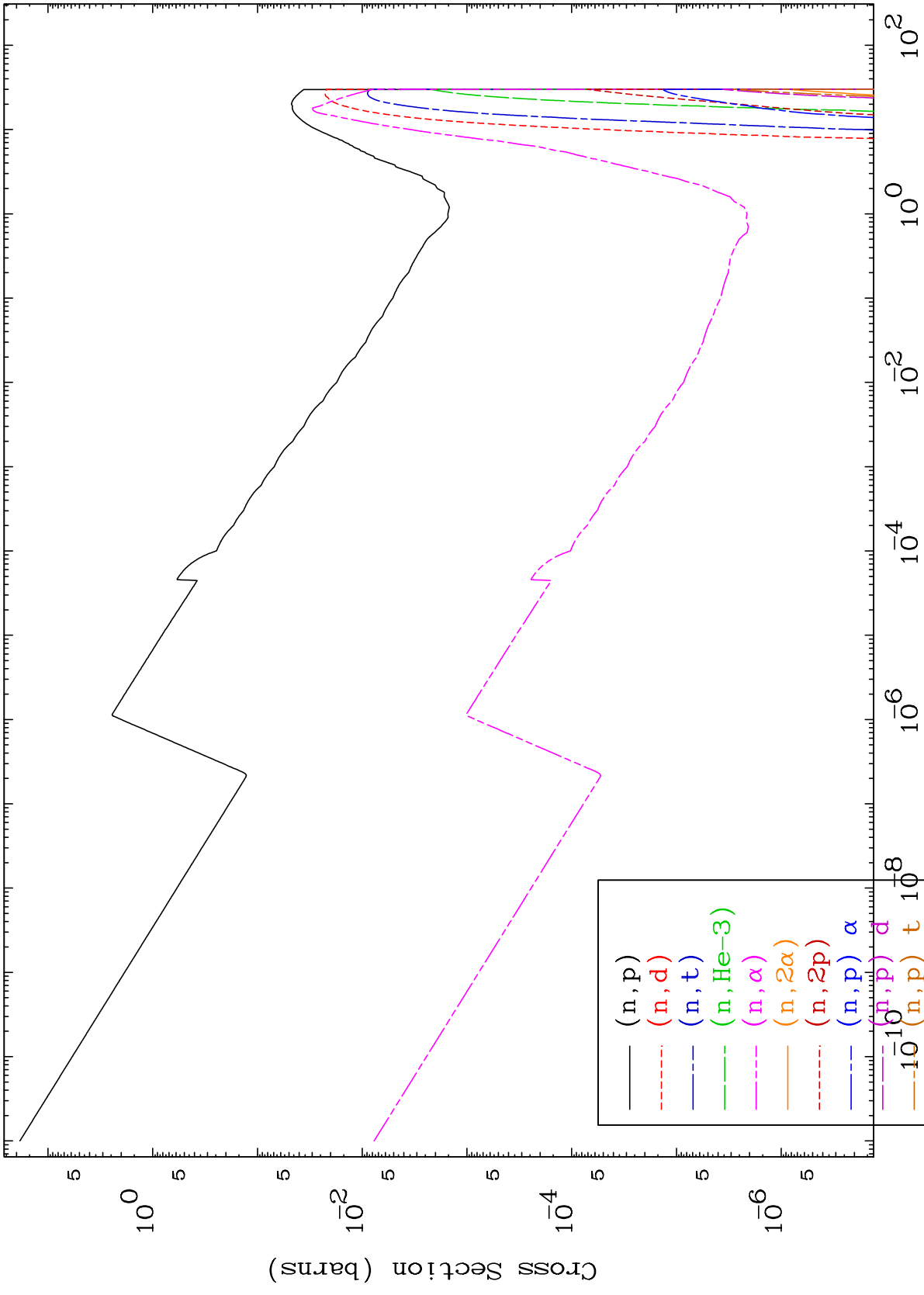




MAT 5316

Charged Particle  
293 Kelvin Cross Sections

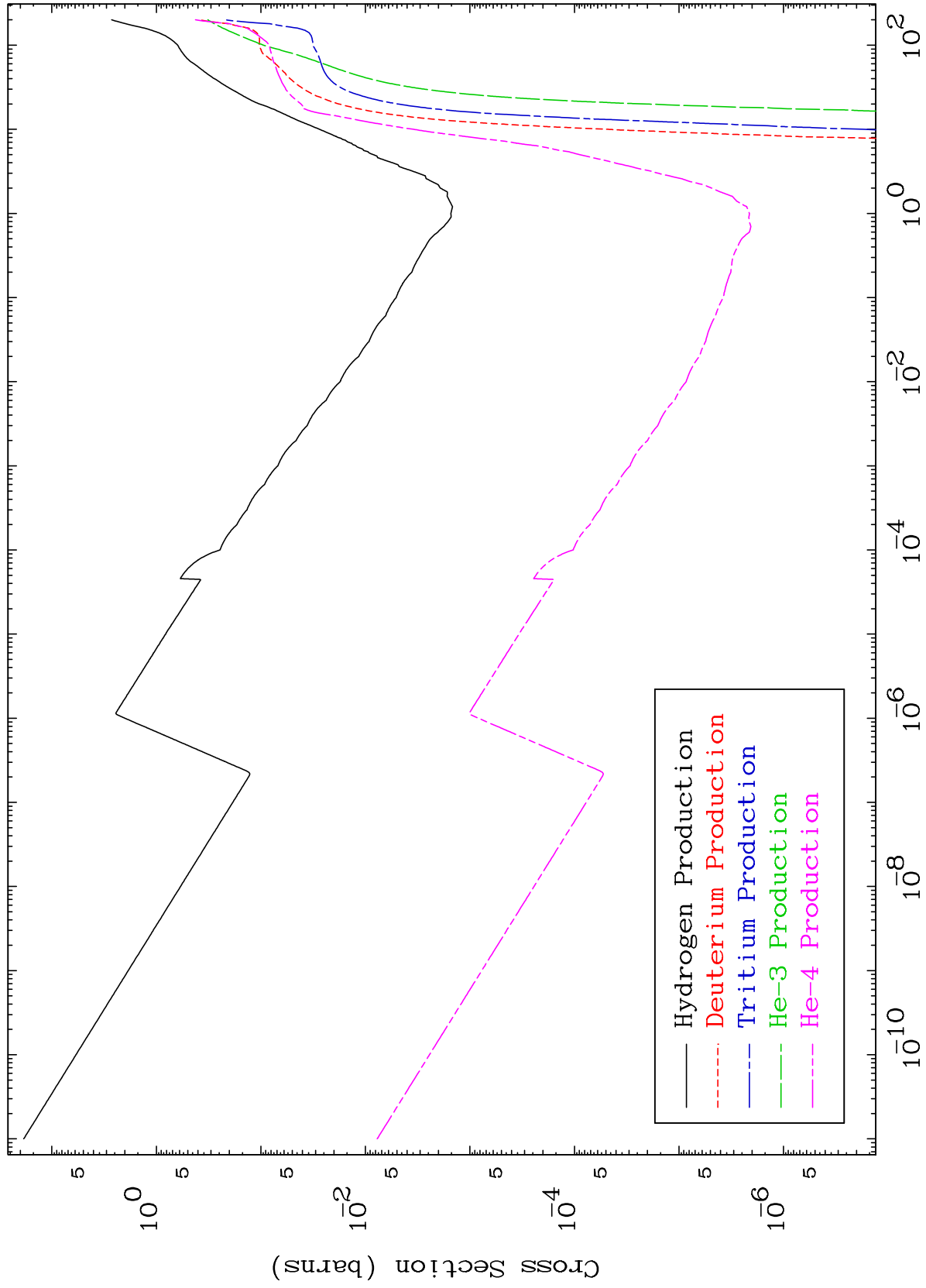
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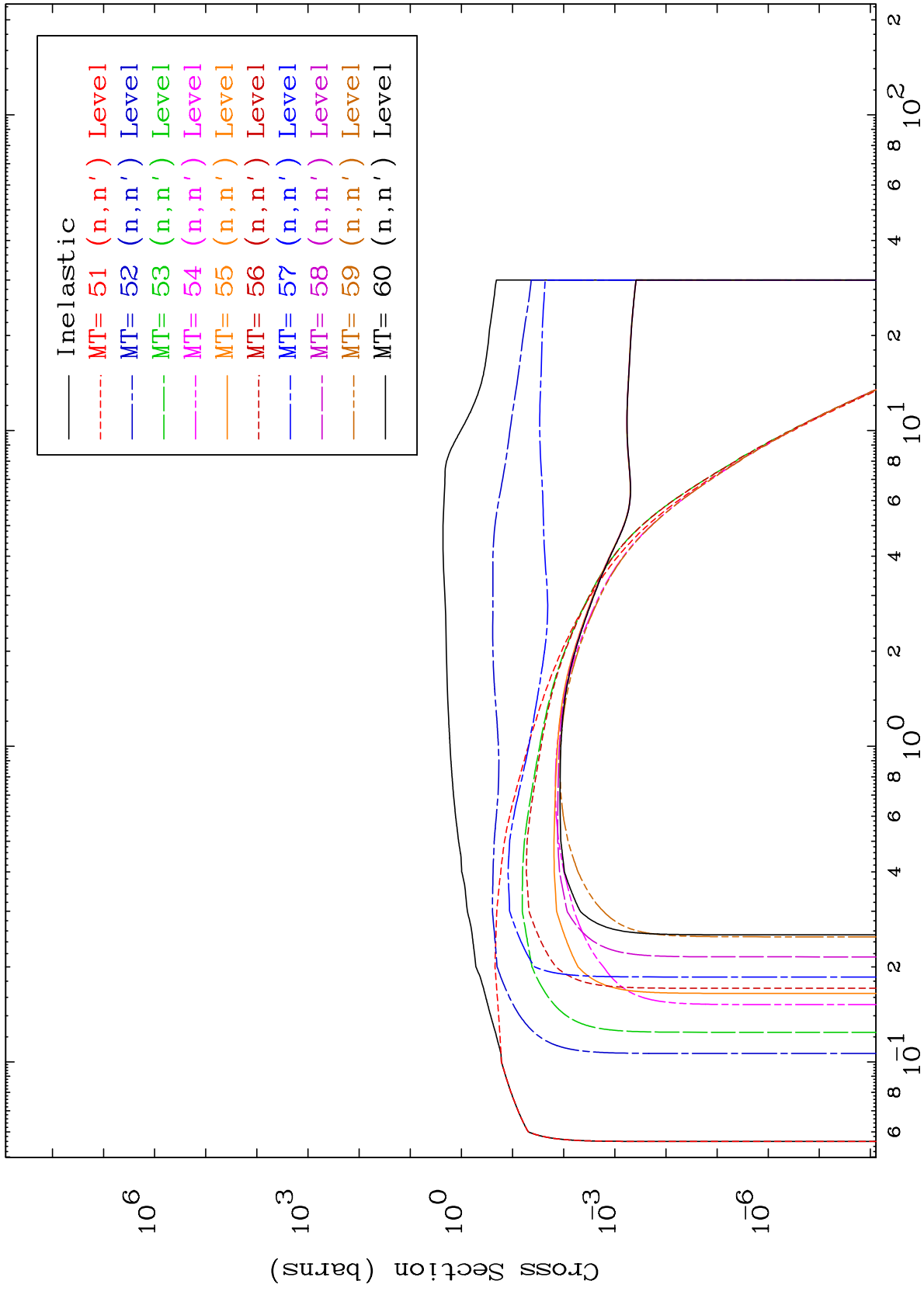


Incident Energy (MeV)

53-I -124

5



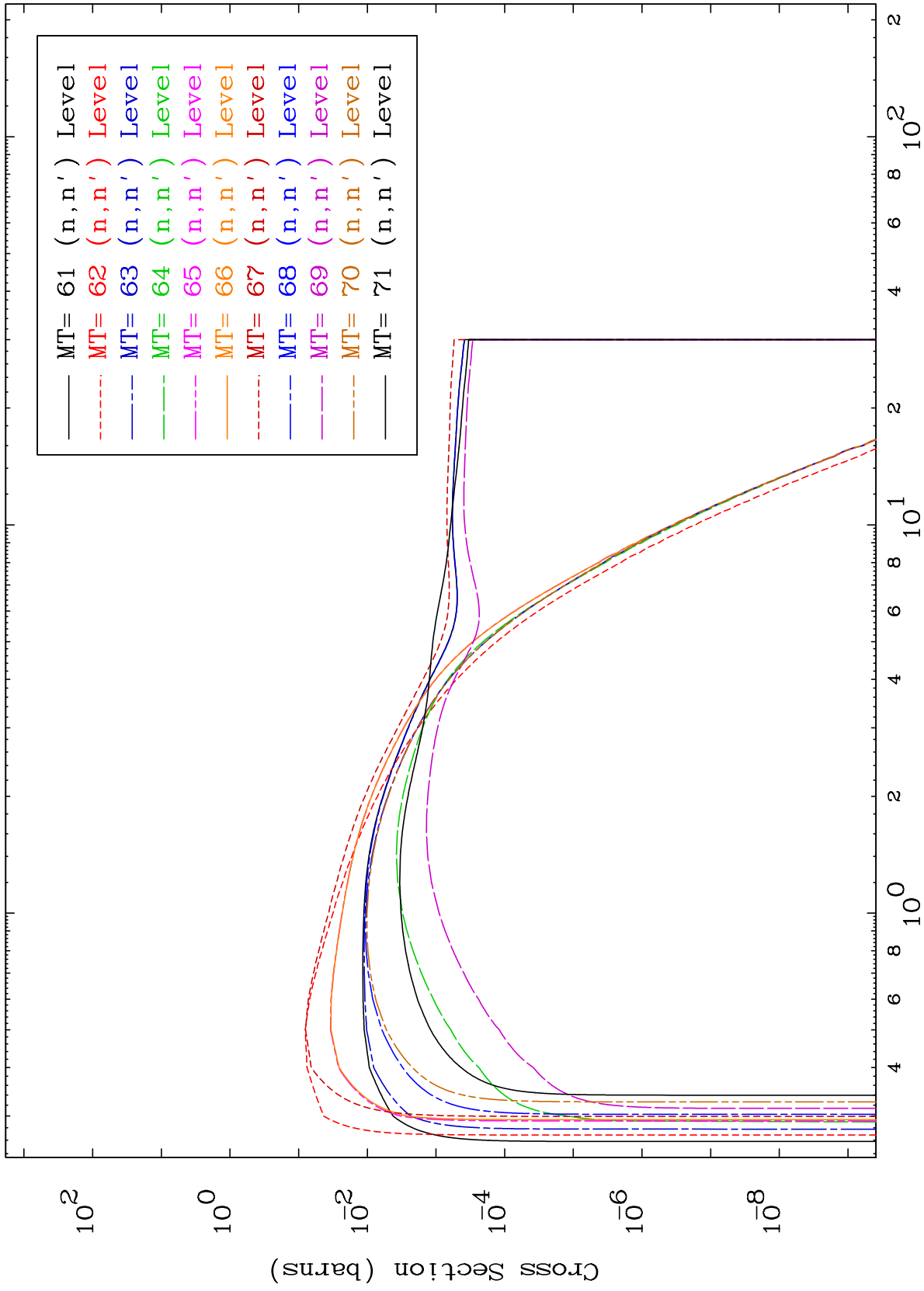




MAT 5316

(n,n') Level  
293 Kelvin Cross Sections

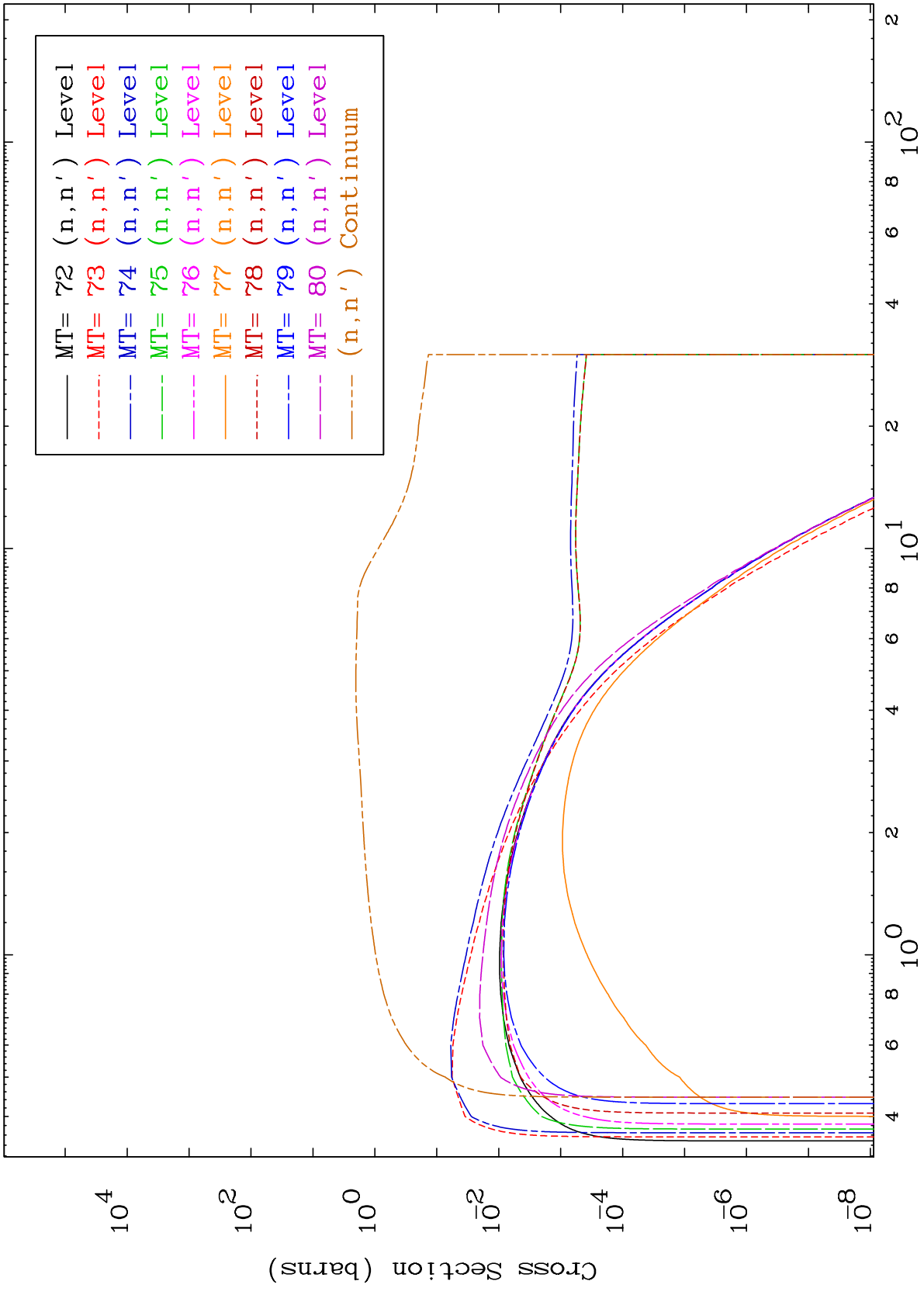
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Incident Energy (MeV)

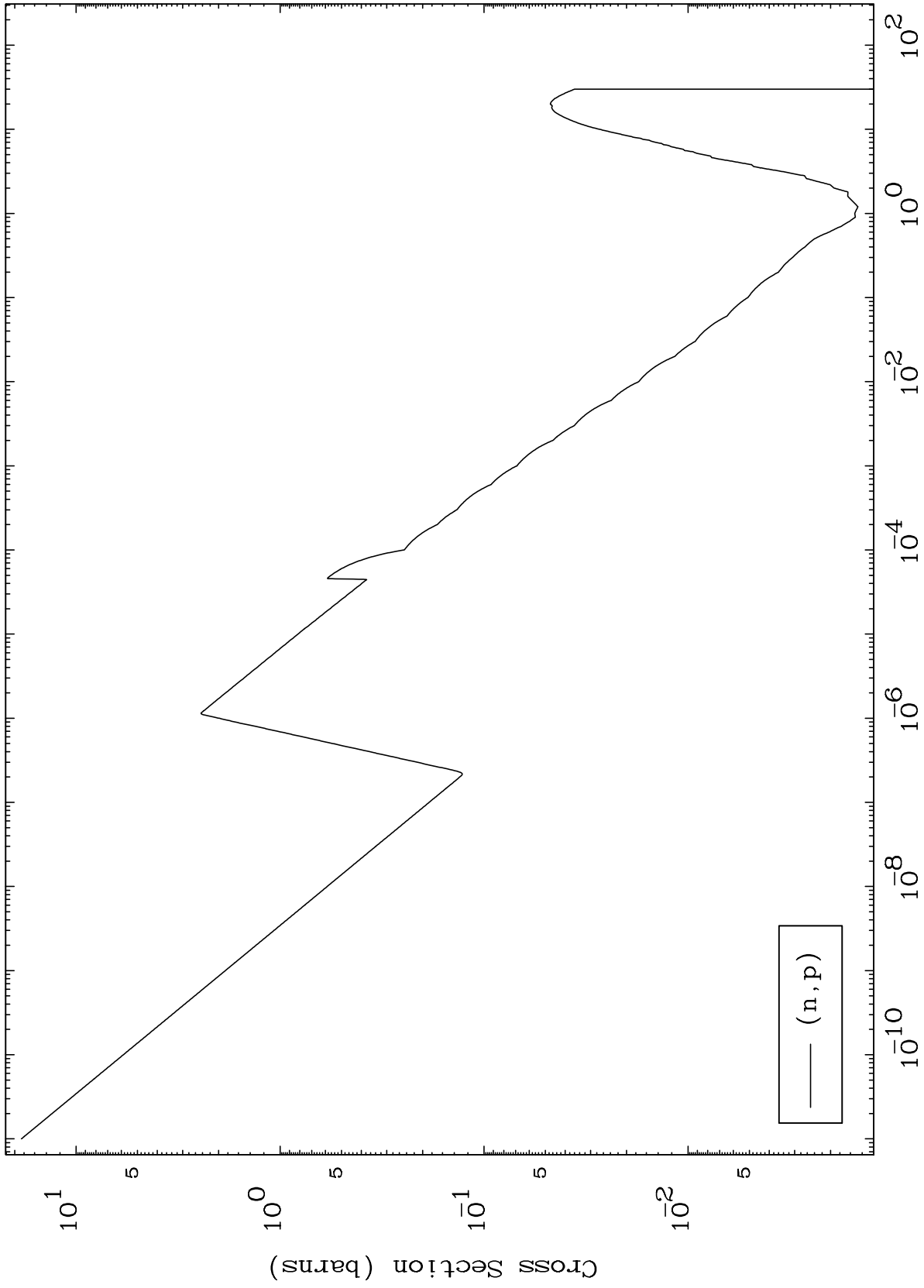
53-I -124



MAT 5316

(n,p) Levels  
293 Kelvin Cross Sections

53-I -124



10

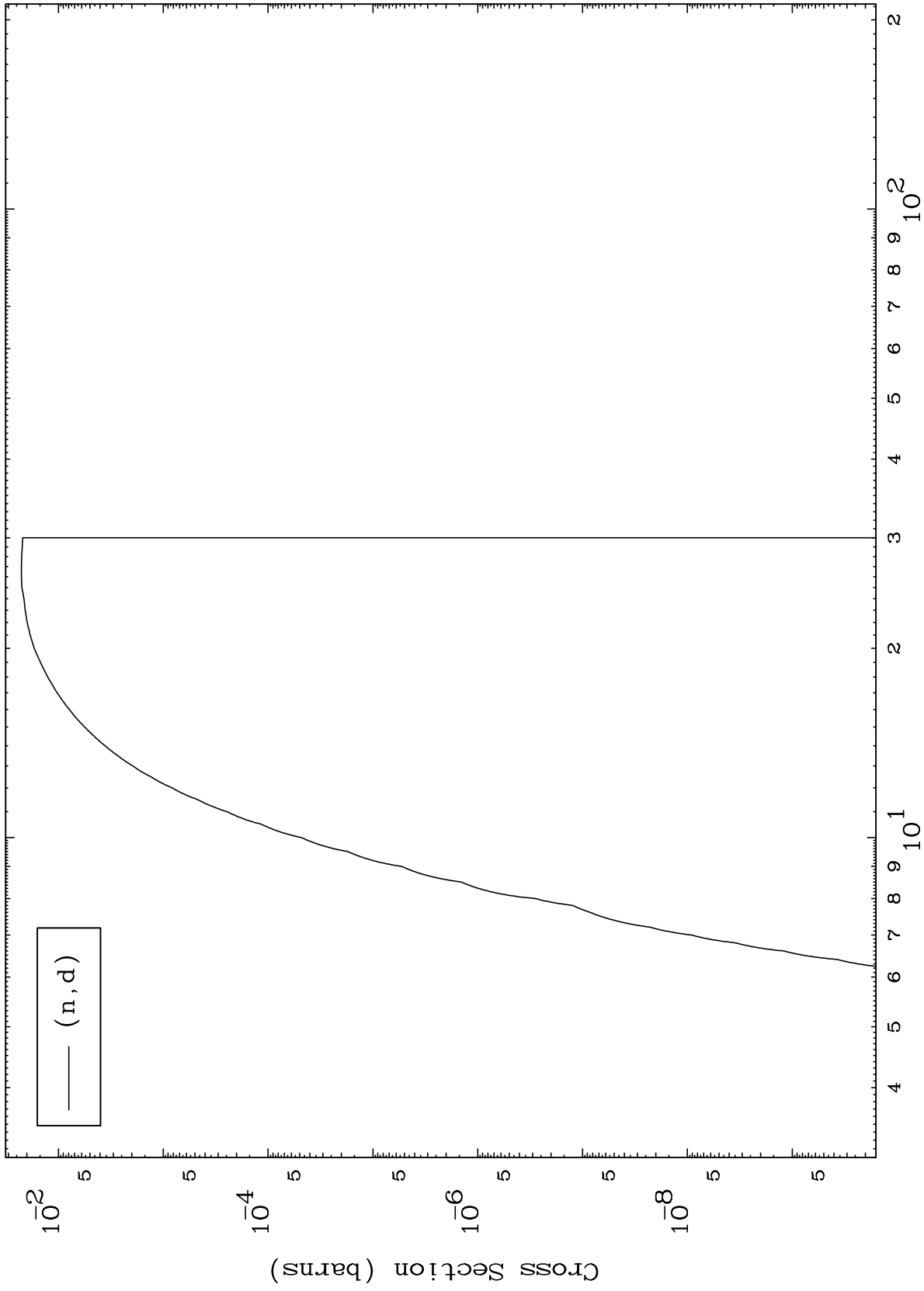
Incident Energy (MeV)

53-I -124

MAT 5316

(n,d) Levels  
293 Kelvin Cross Sections

53-I -124



11

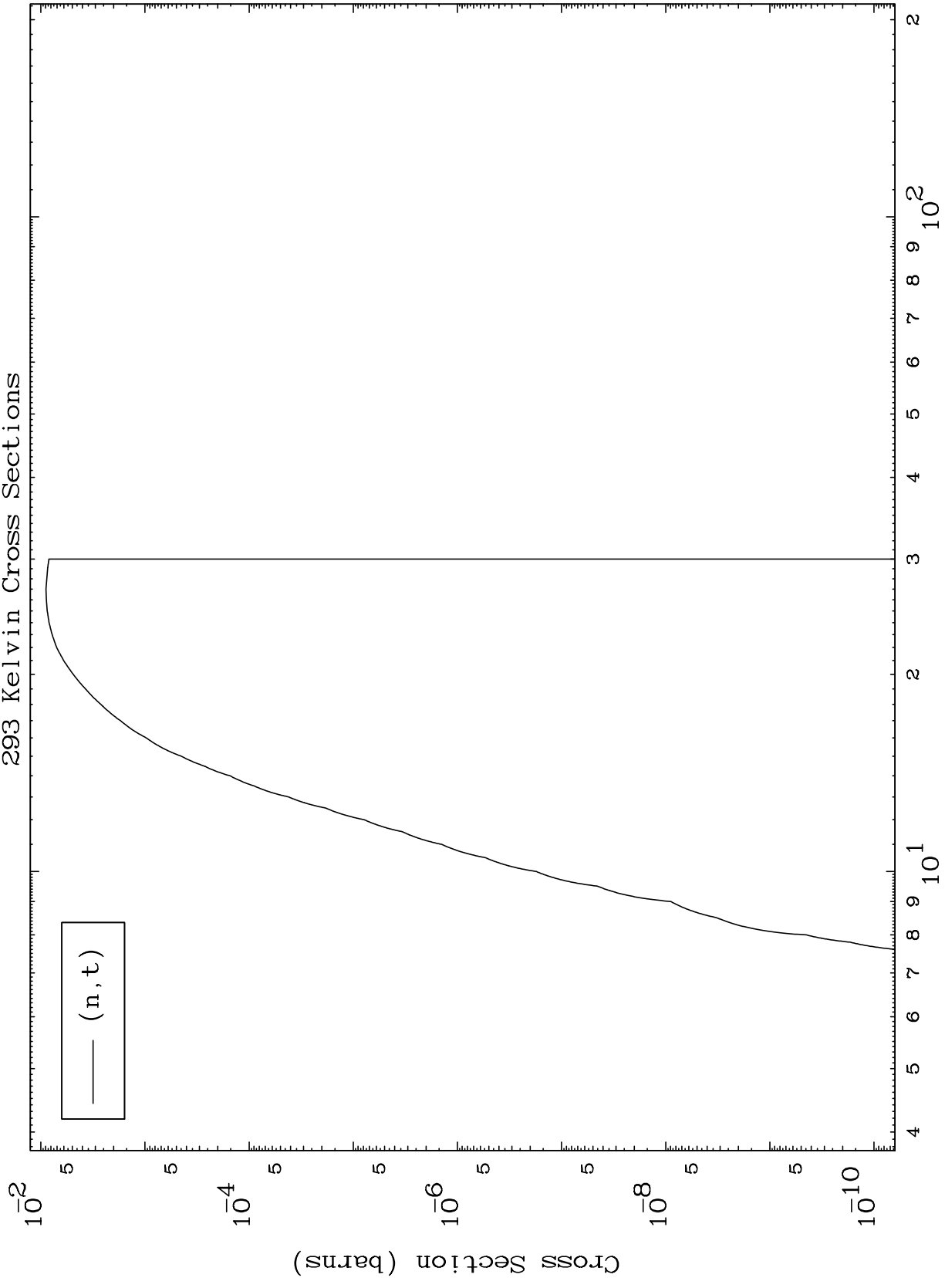
Incident Energy (MeV)

53-I -124

MAT 5316

(n,t) Levels  
293 Kelvin Cross Sections

53-I -124



12

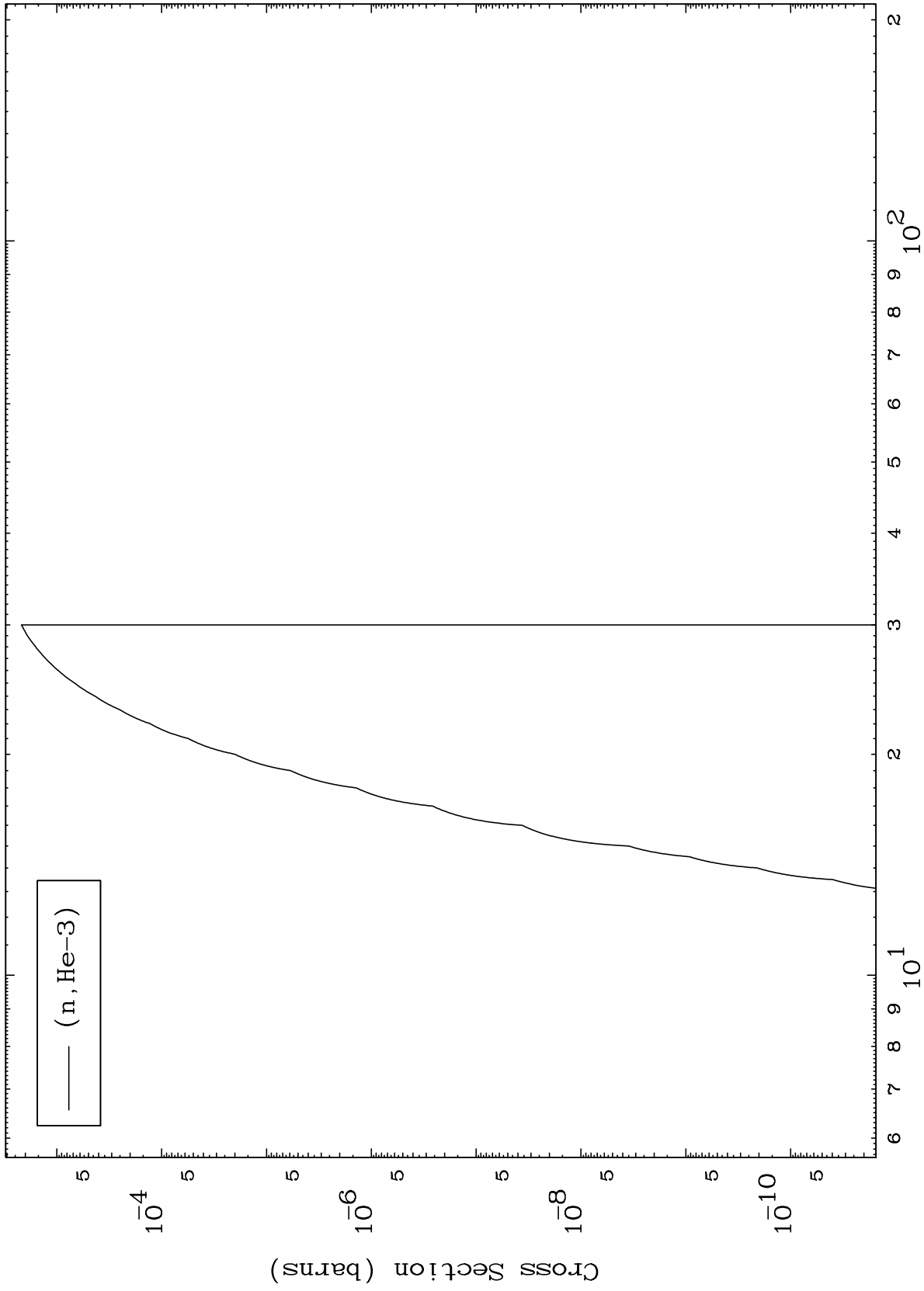
Incident Energy (MeV)

53-I -124

MAT 5316

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -124



13

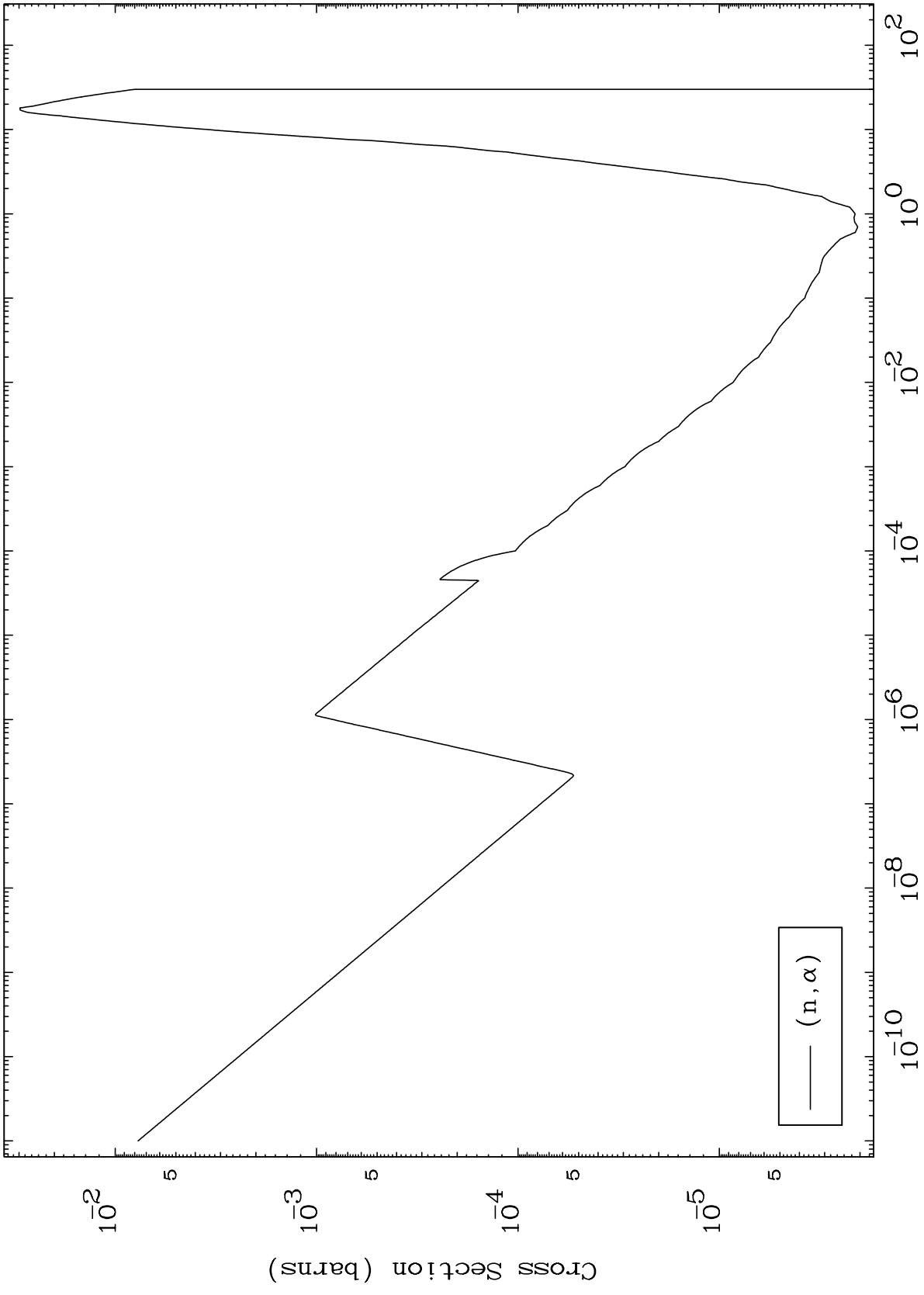
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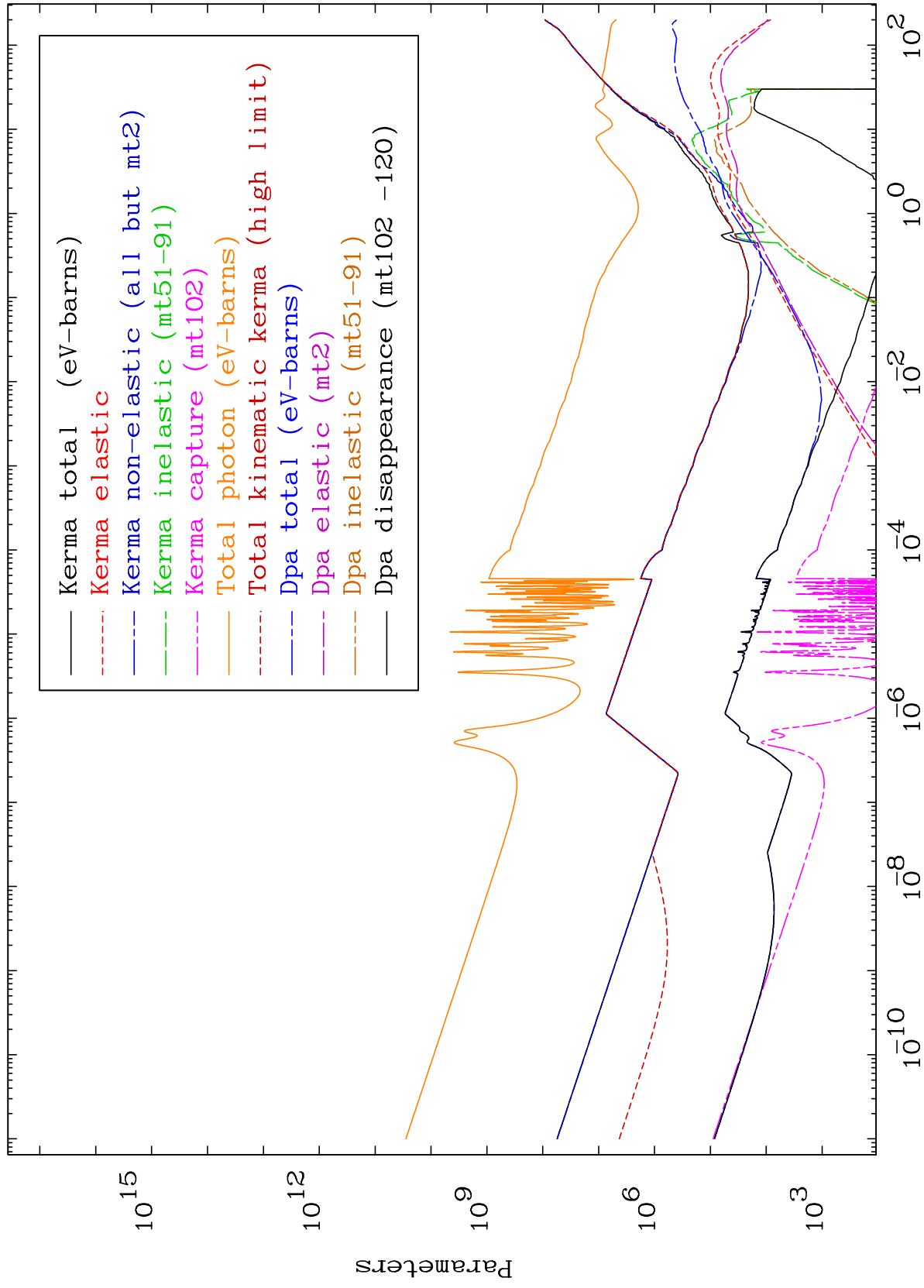
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MAT 5316

(n,α) Levels  
293 Kelvin Cross Sections

53-I -124



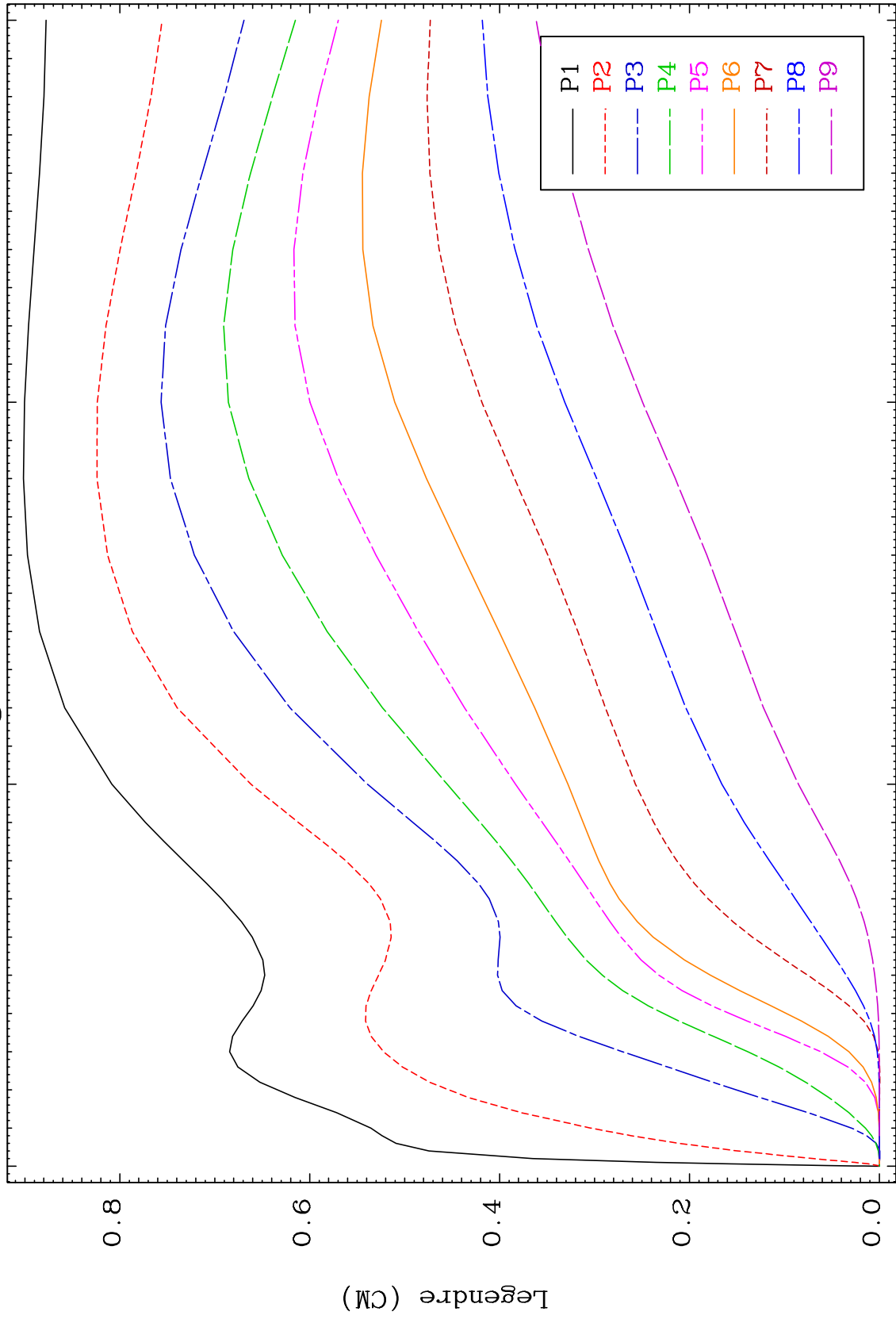




MAT 5316

Elastic Legendre Coefficients

53-I -124



16

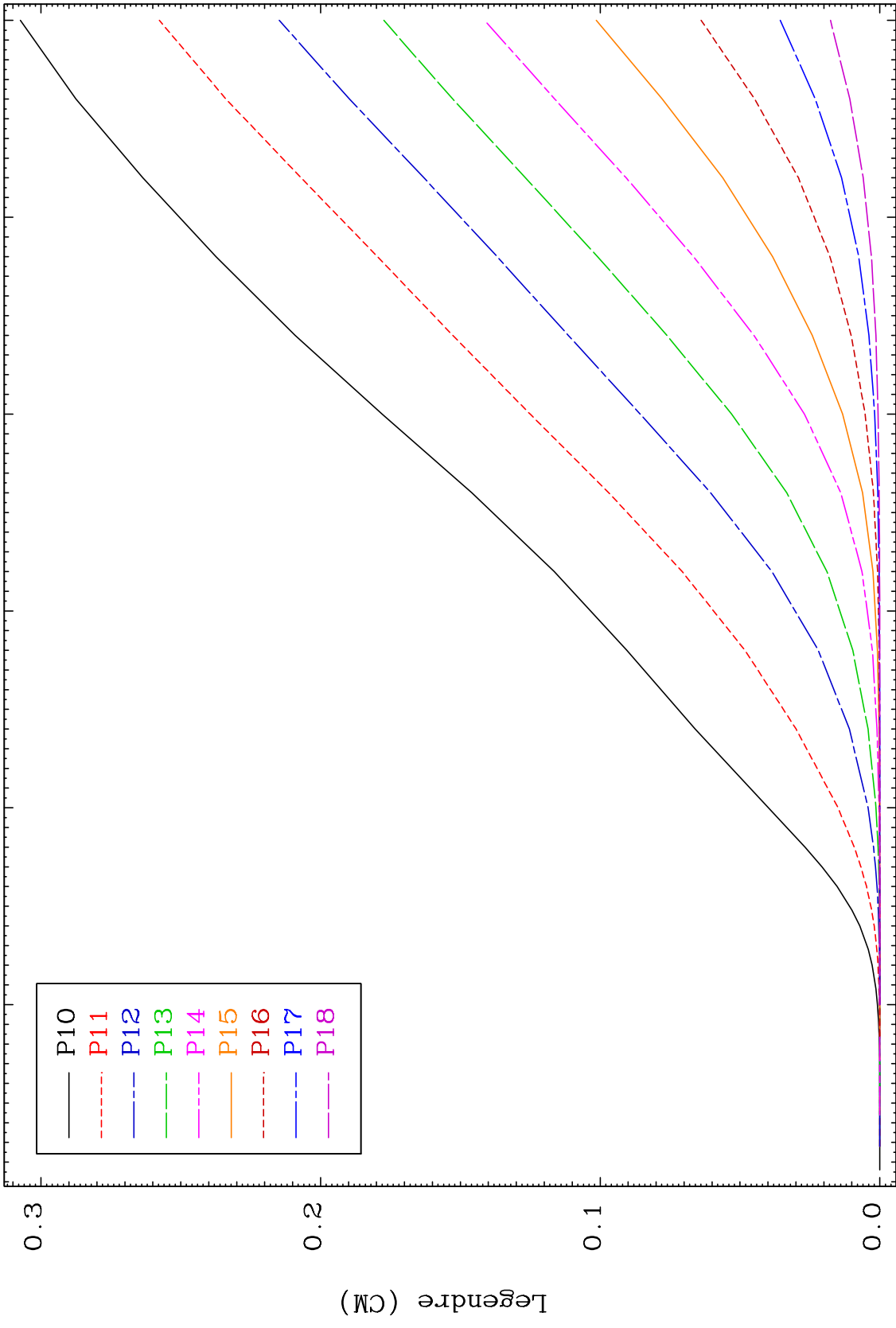
Incident Energy (MeV)

53-I -124

MAT 5316

Elastic Legendre Coefficients

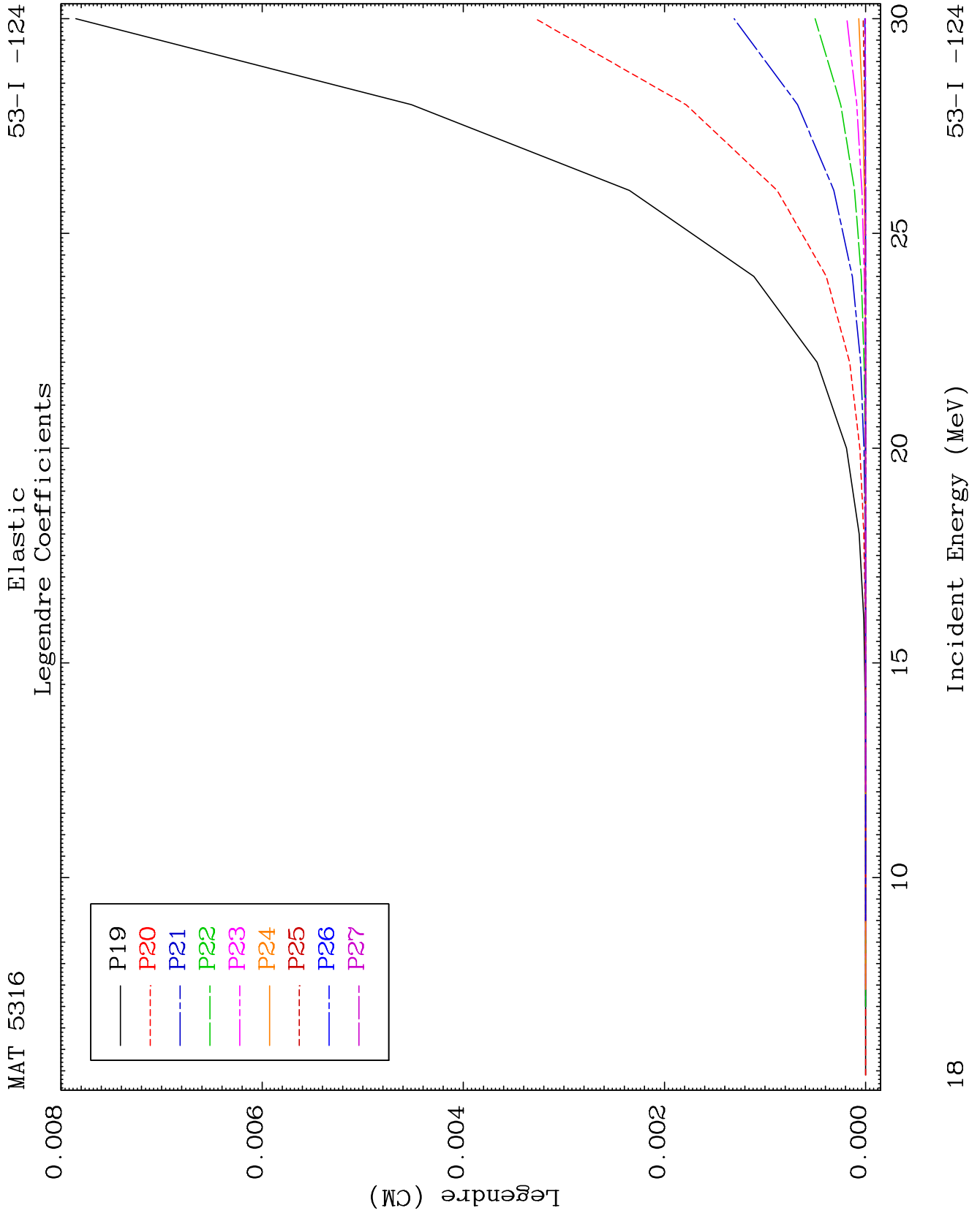
53-I -124



17

Incident Energy (MeV)

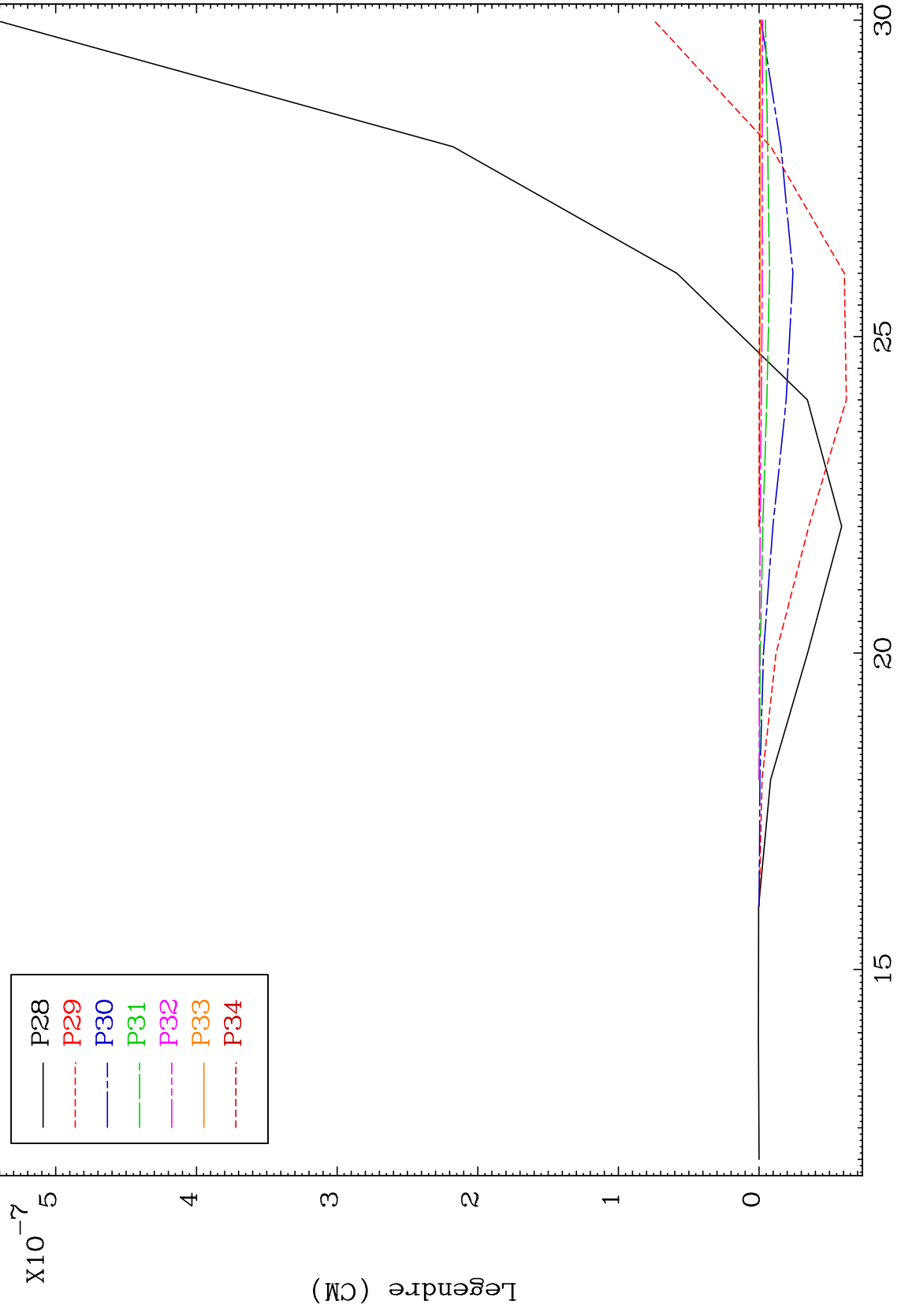
53-I -124



MAT 5316

Elastic  
Legendre Coefficients

53-I -124



19

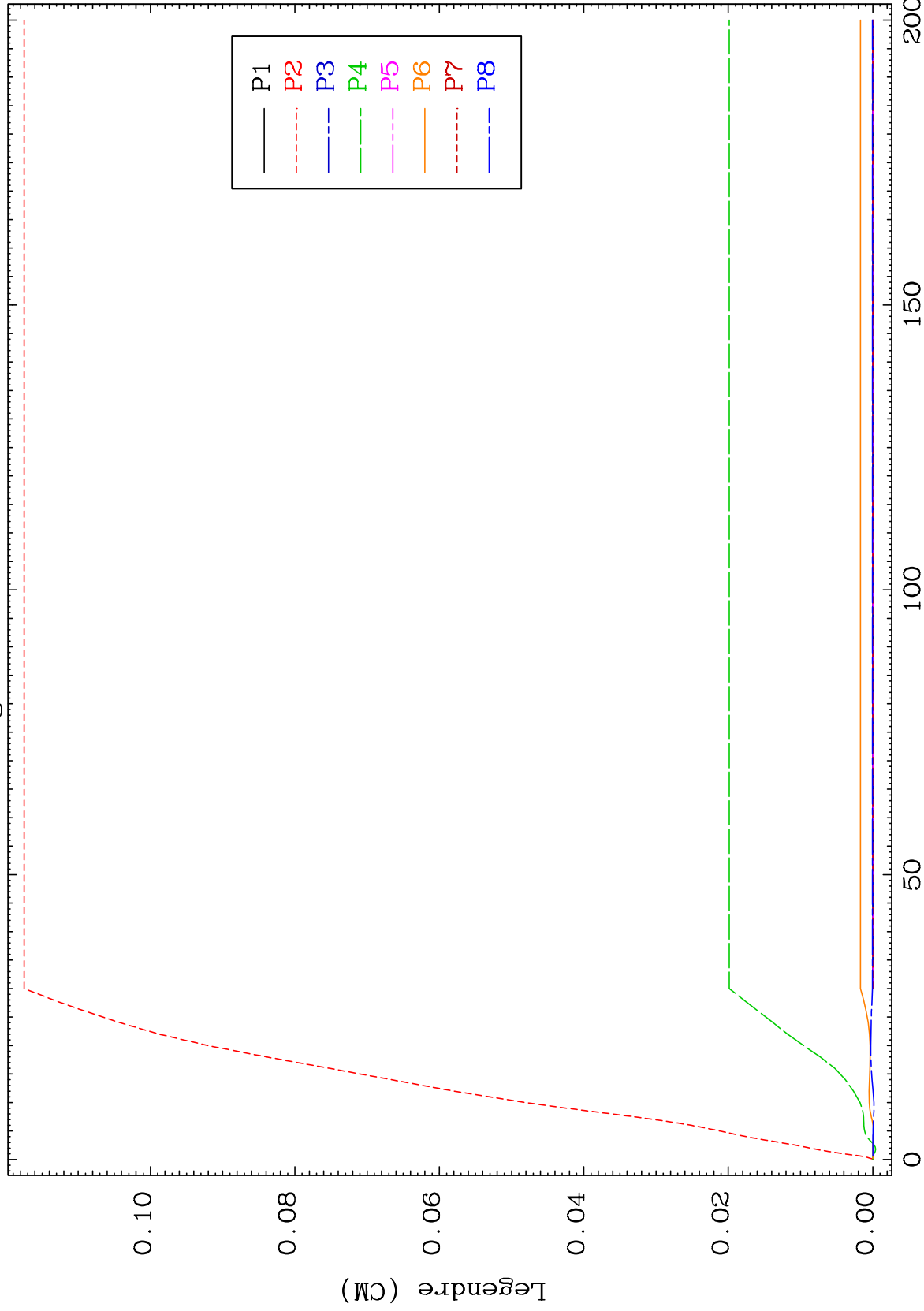
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124

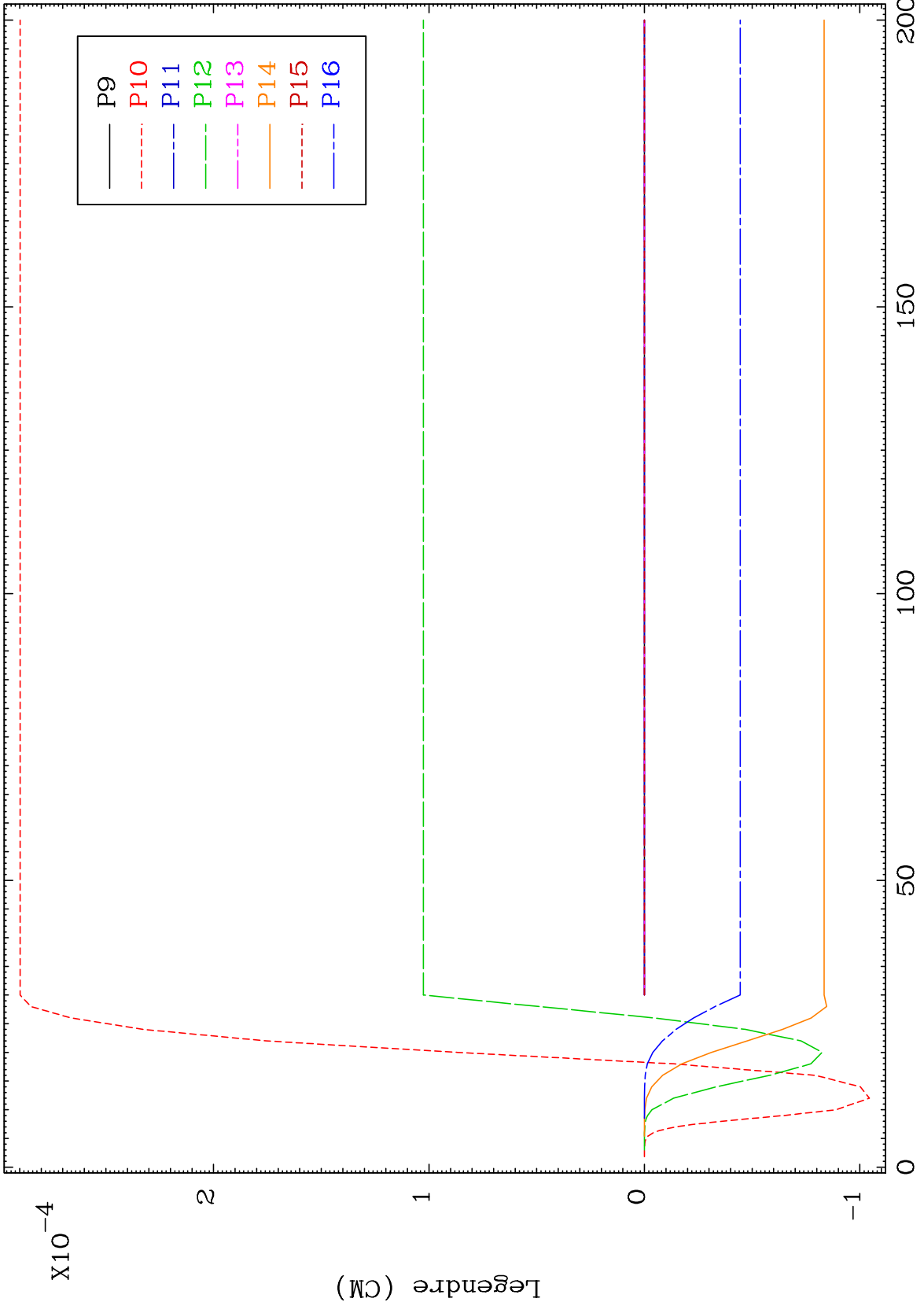


53-I -124

MAT 5316

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

53-I -124



21

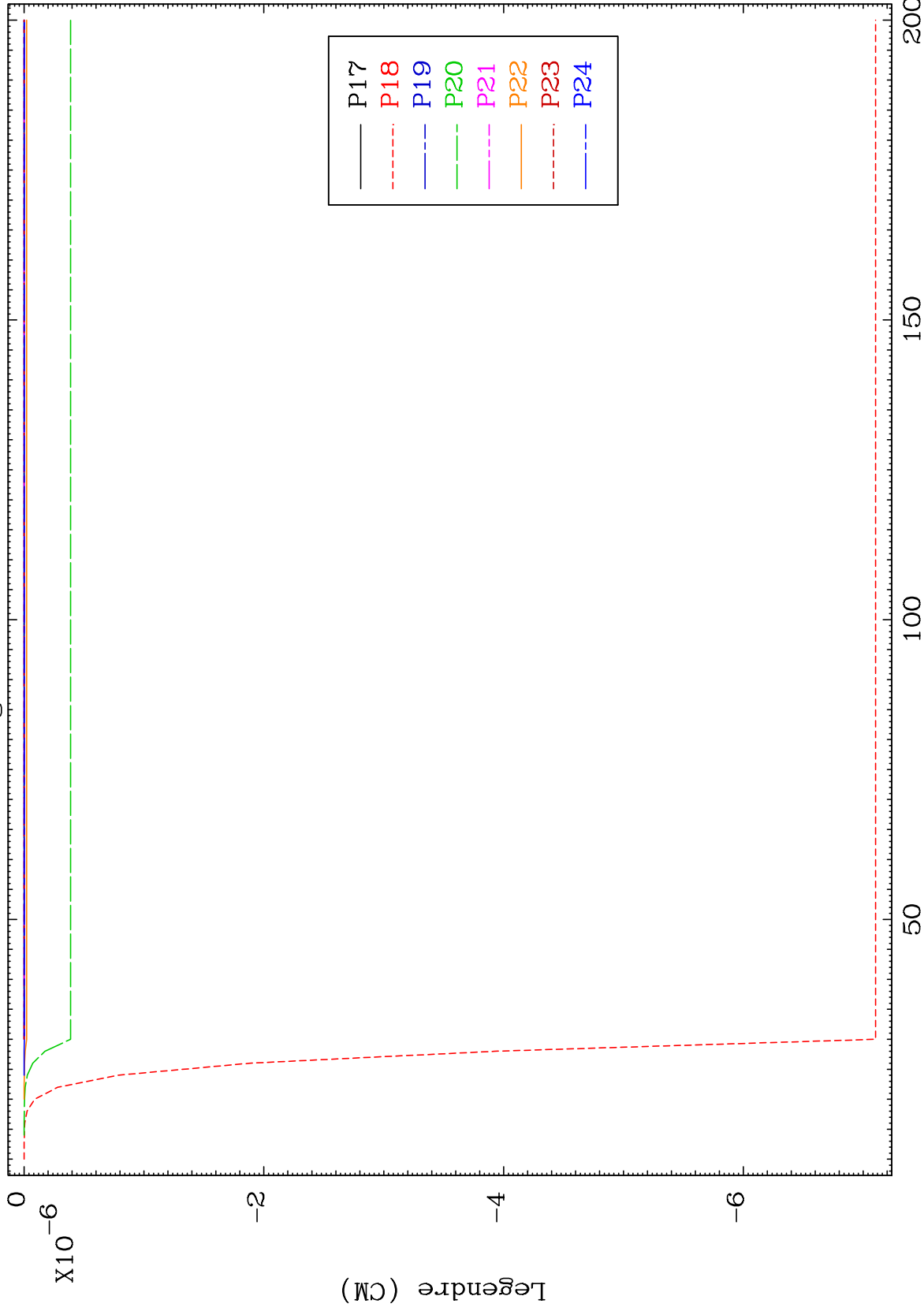
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



22

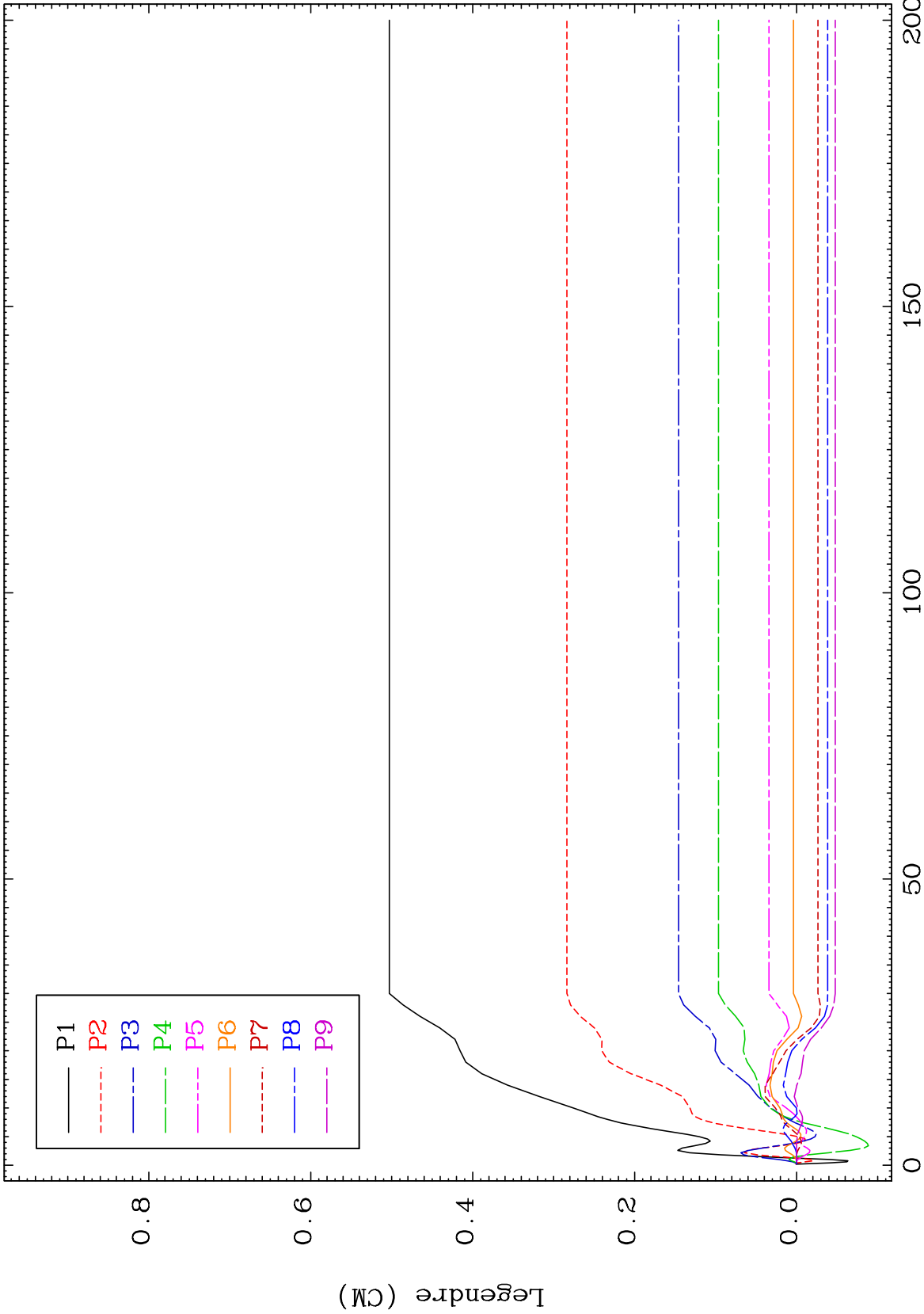
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



23

Incident Energy (MeV)

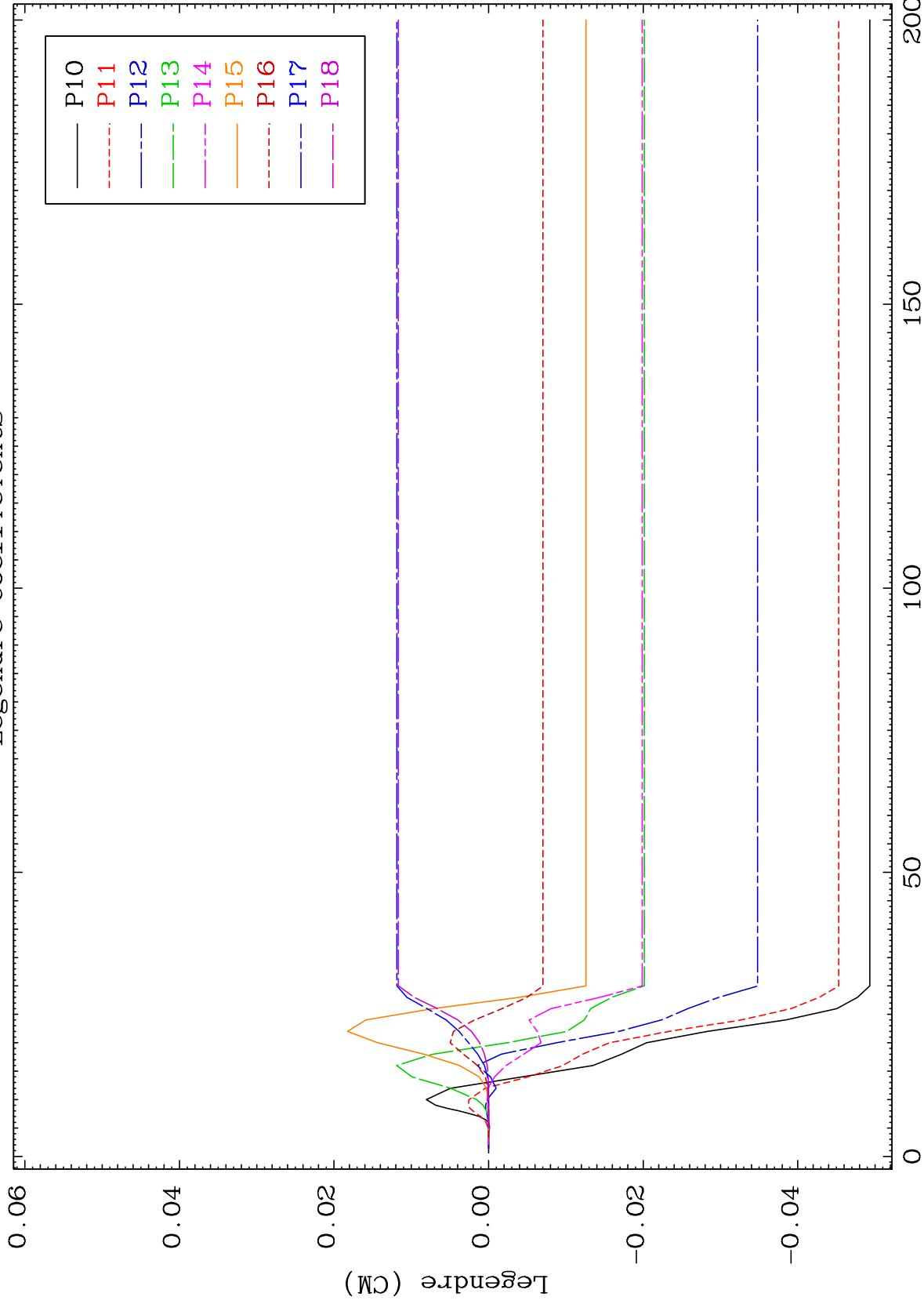
53-I -124



MAT 5316

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

53-I -124



24

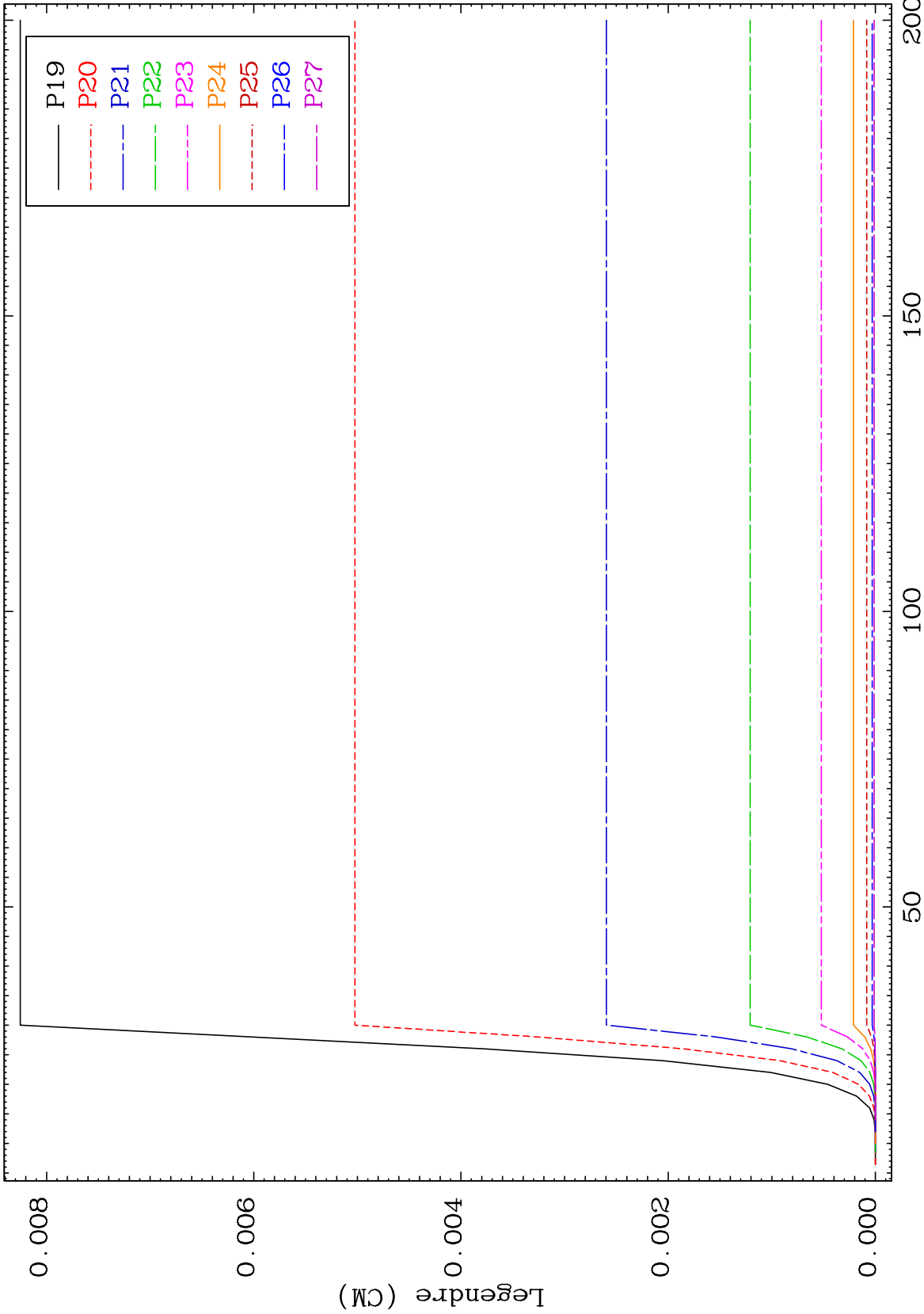
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



25

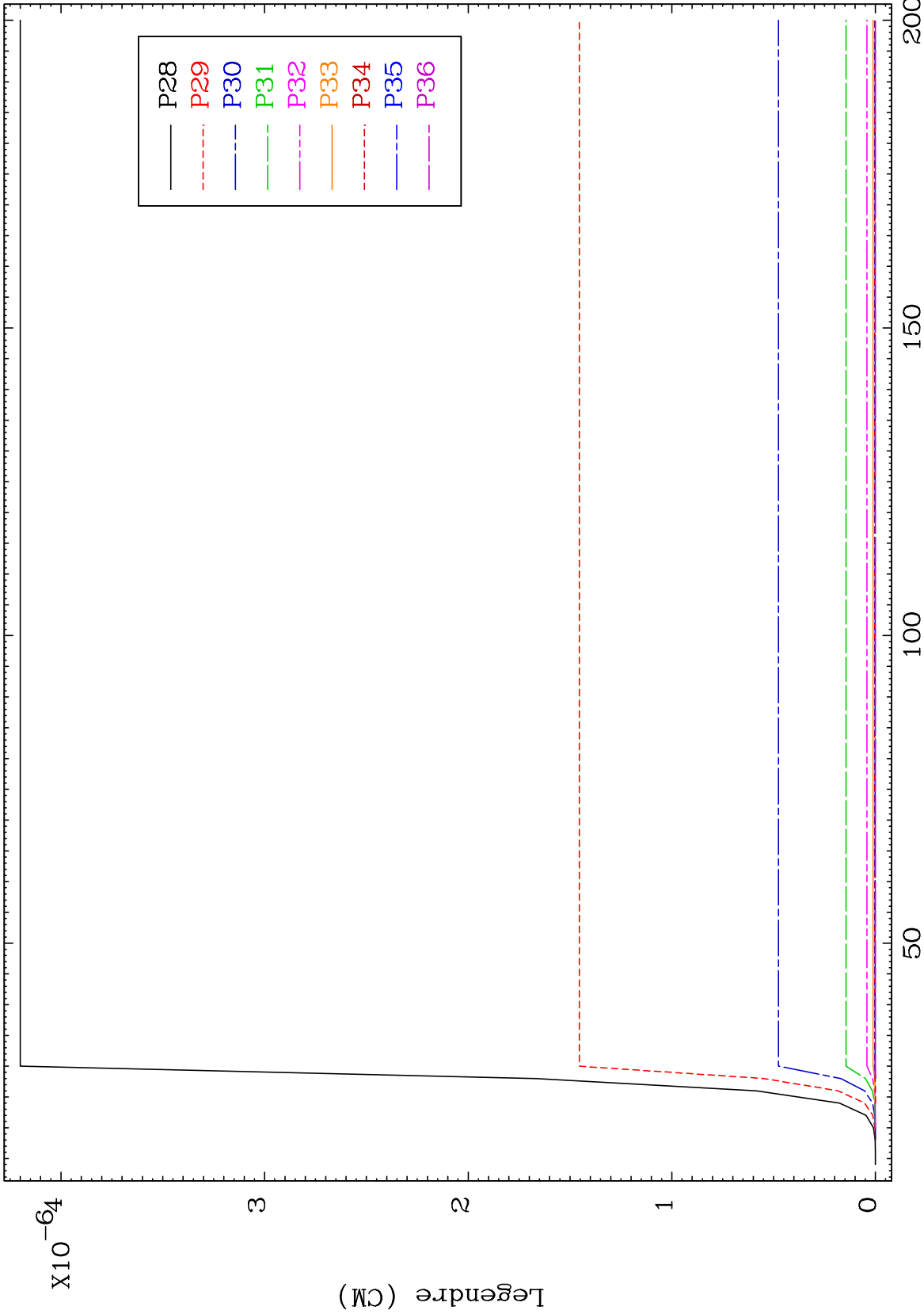
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



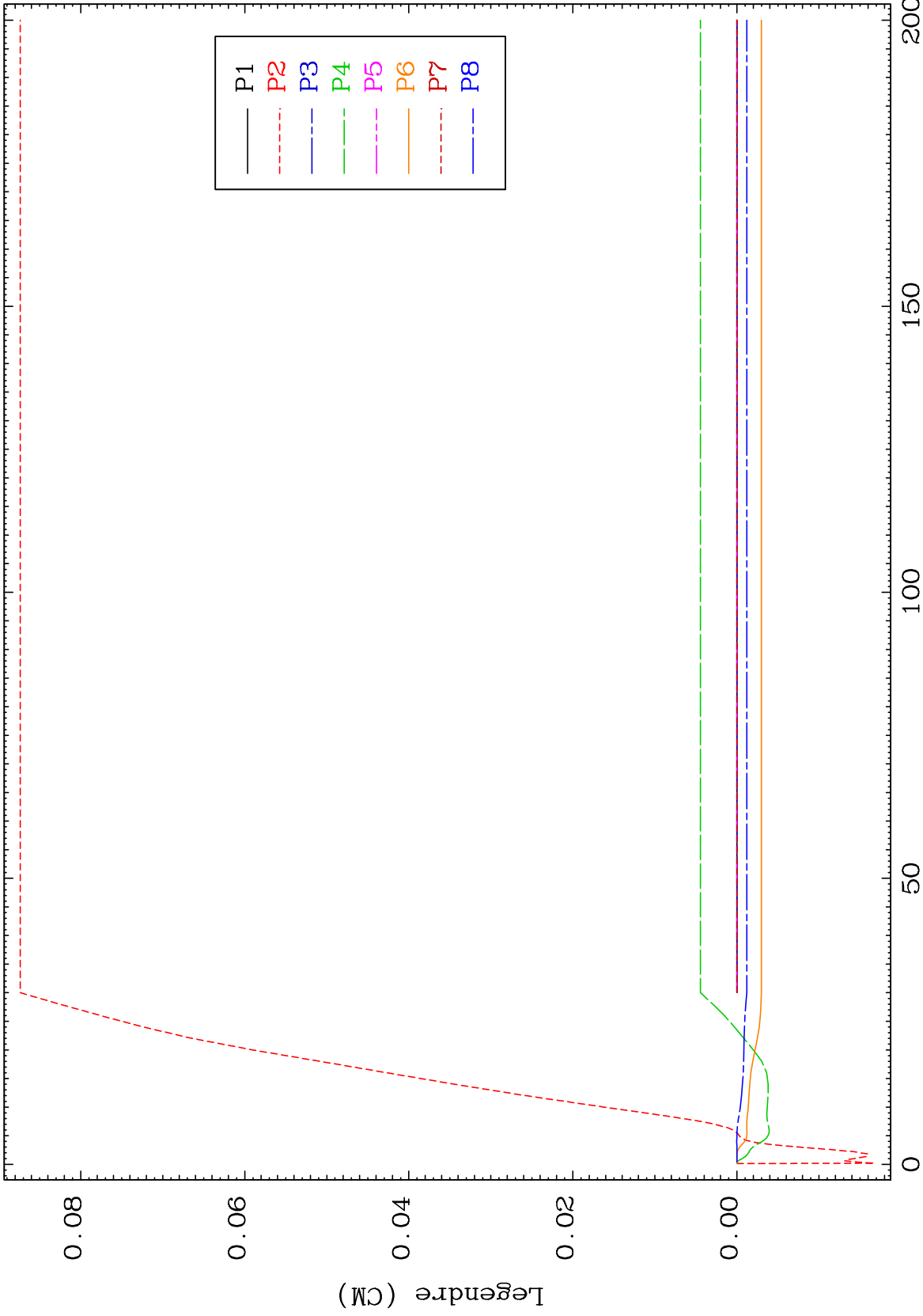
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53-I -124

MAT 5316

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

53-I -124

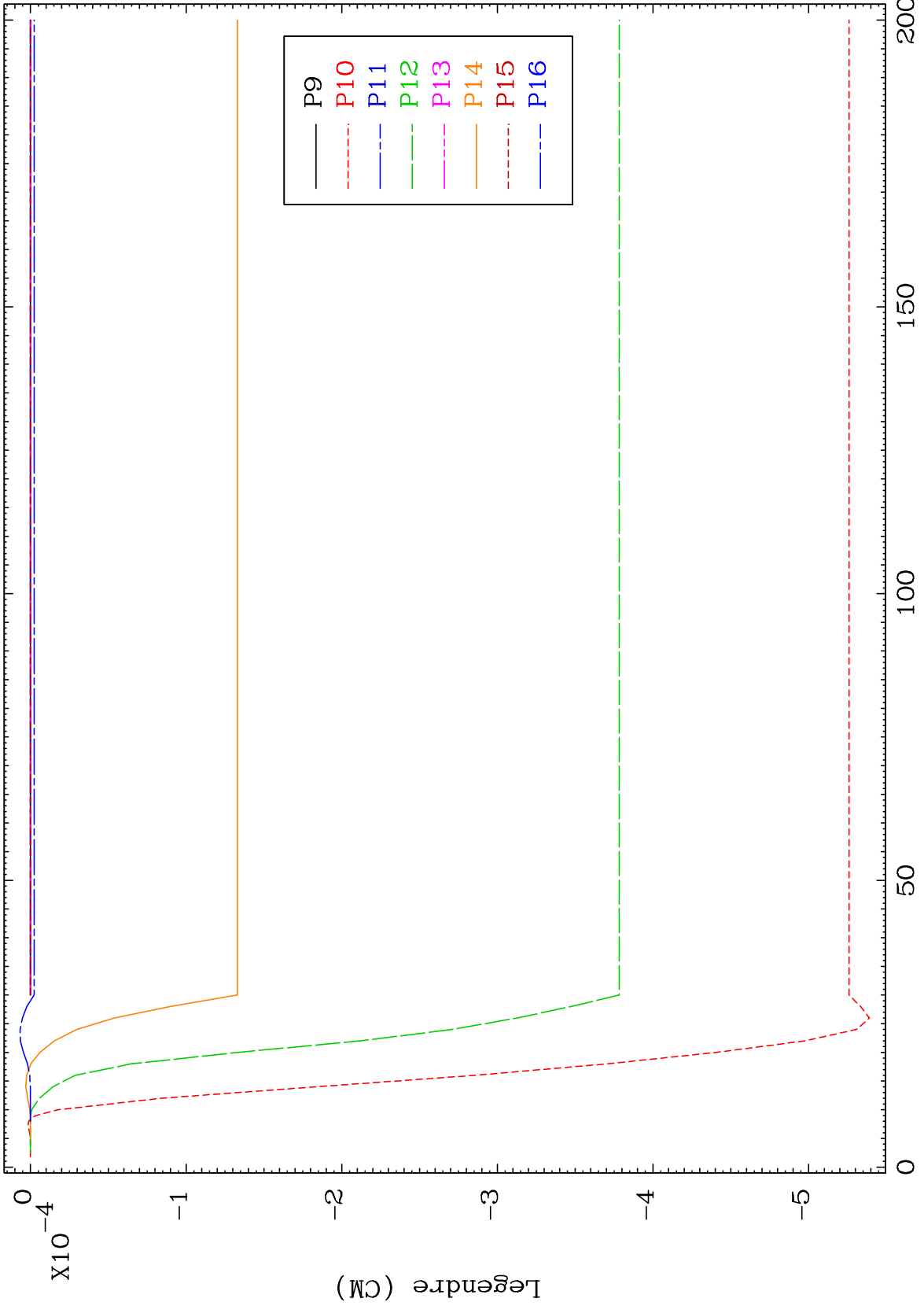


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Incident Energy (MeV)

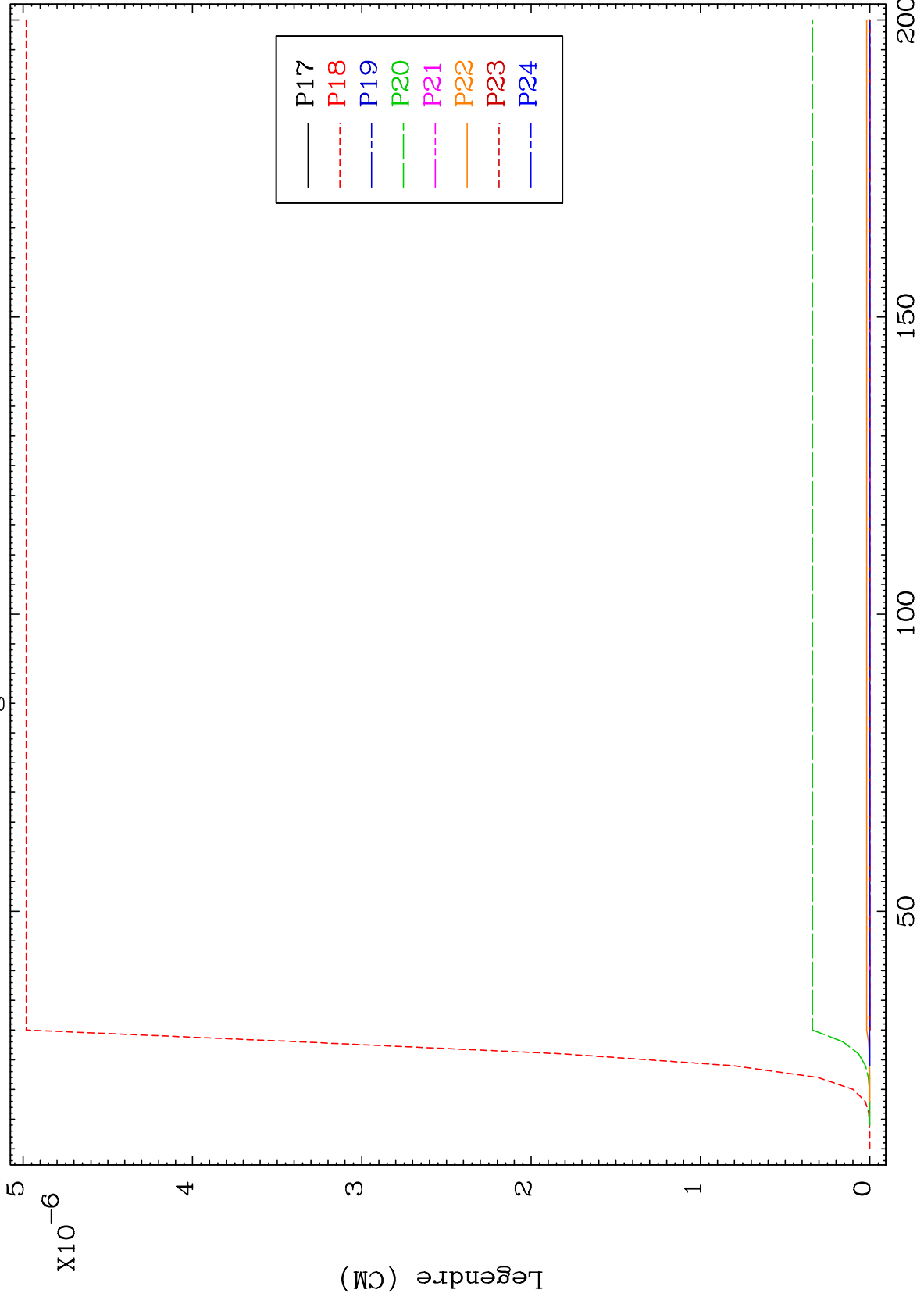
53-I -124

MAT 5316 MT= 53 (n,n') Level Legendre Coefficients 53-I -124



28 Incident Energy (MeV) 53-I -124

MAT 5316 MT= 53 (n,n') Level Legendre Coefficients 53-I -124

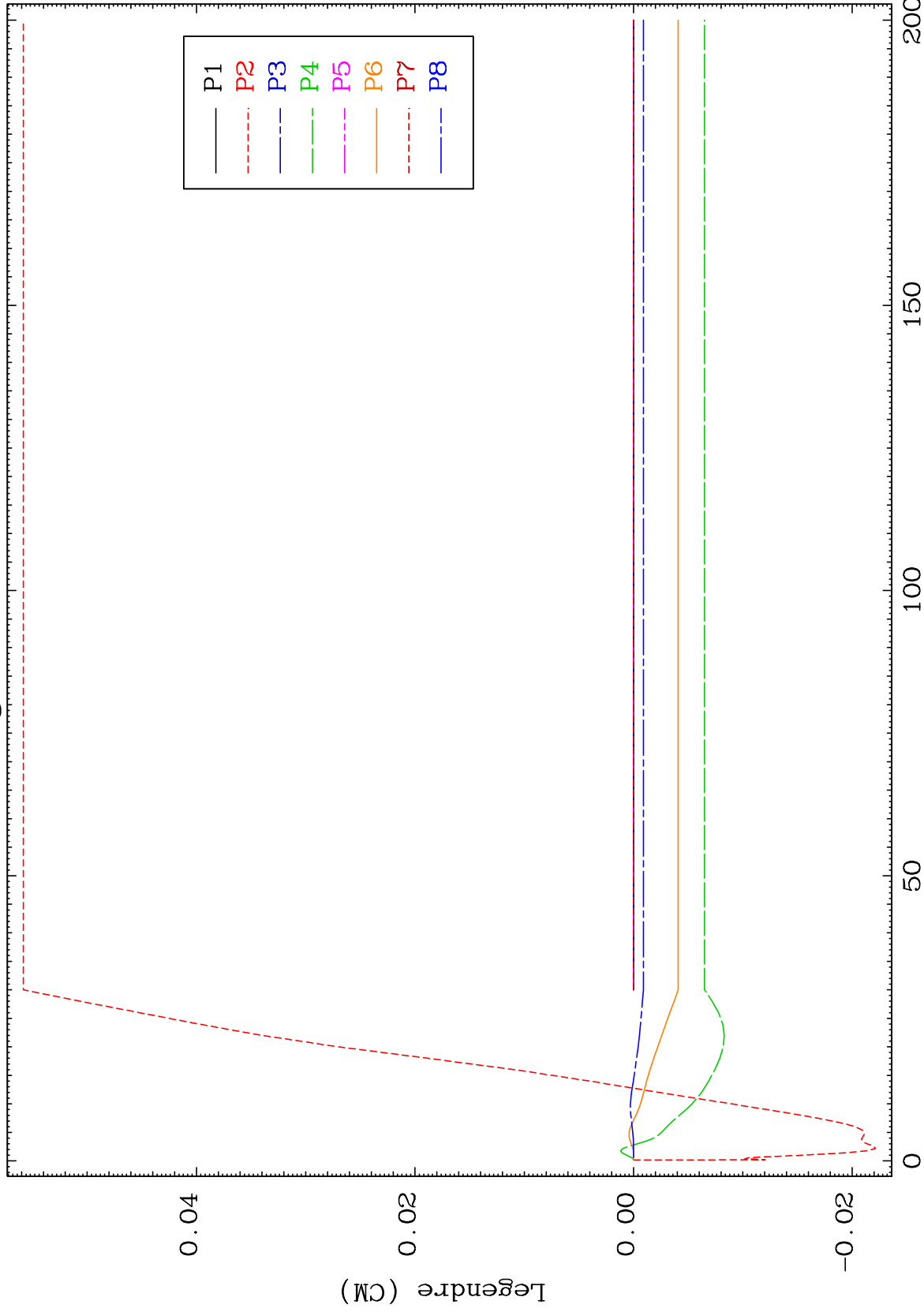


29 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124

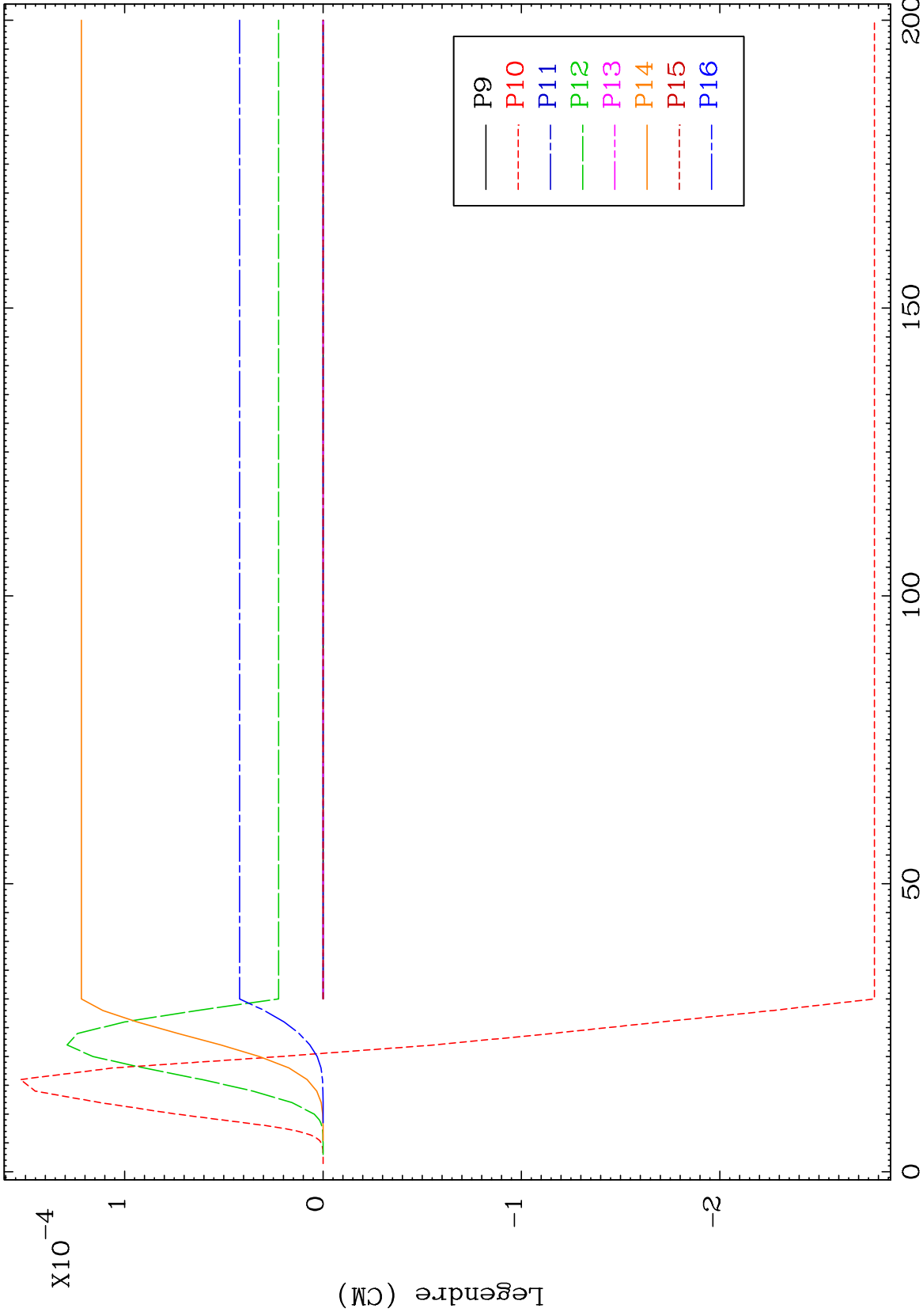


53-I -124

MAT 5316

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

53-I -124



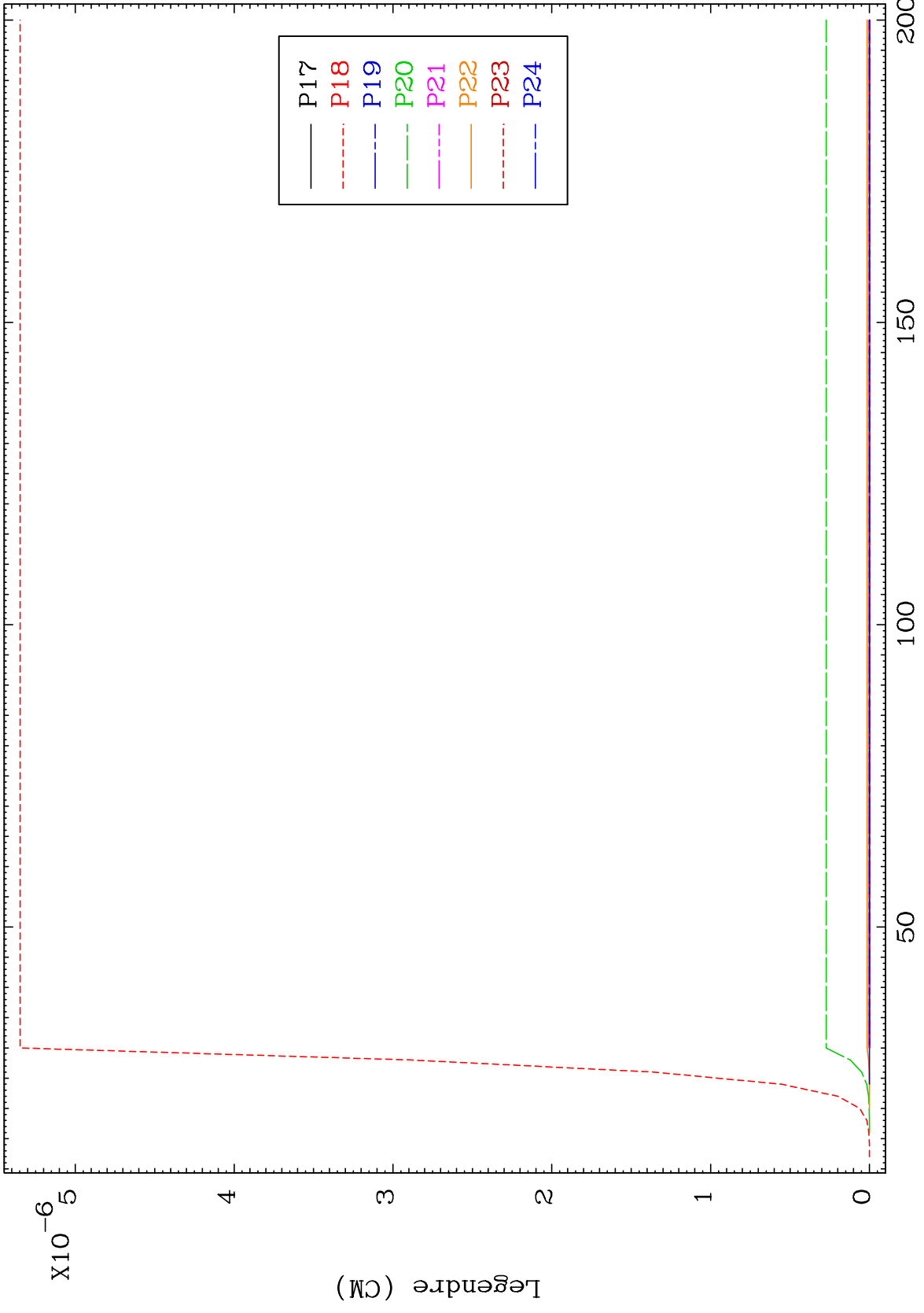
31

Incident Energy (MeV)

53-I -124



MAT 5316 MT= 54 (n,n') Level Legendre Coefficients 53-I -124

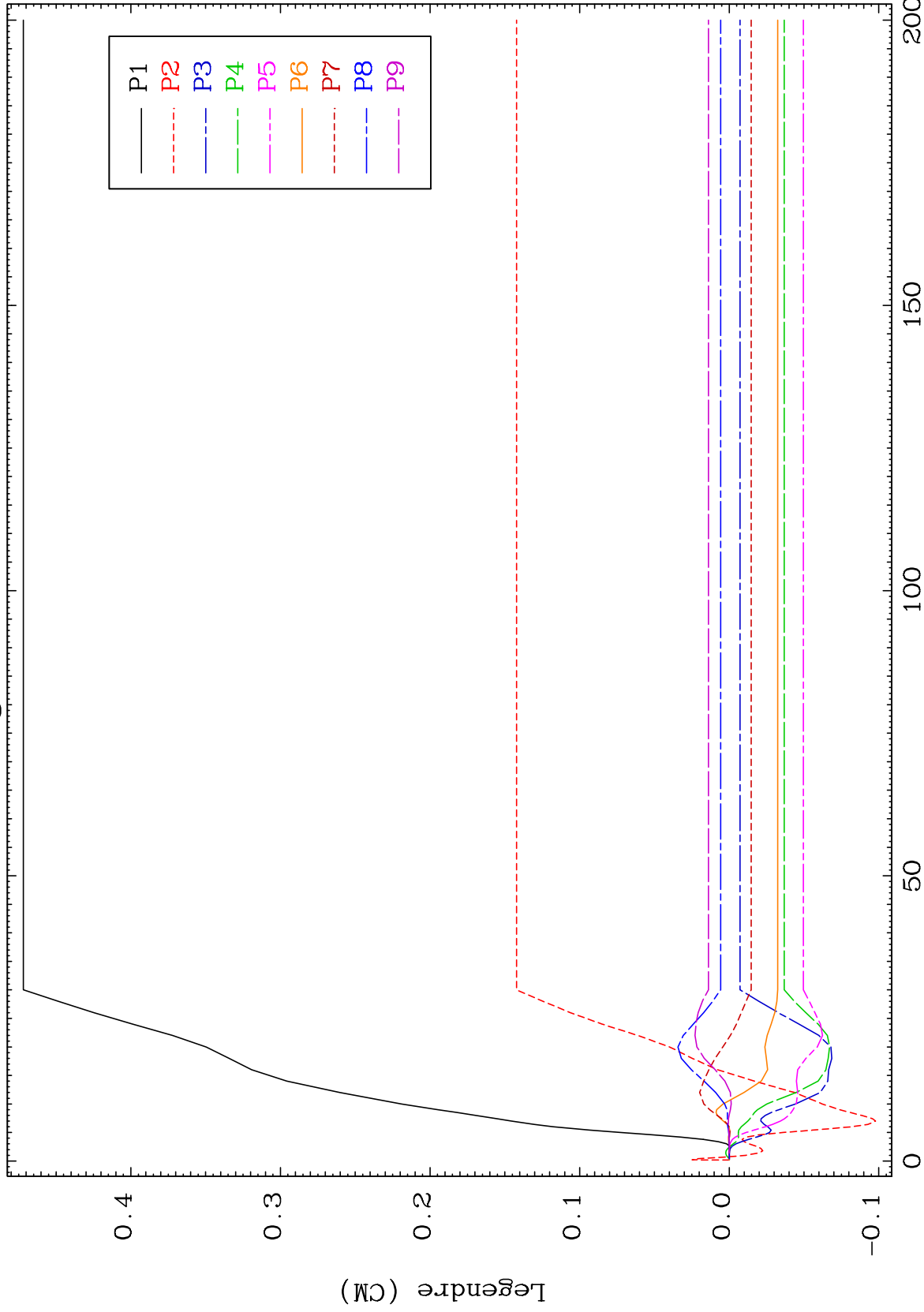


32 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124



33

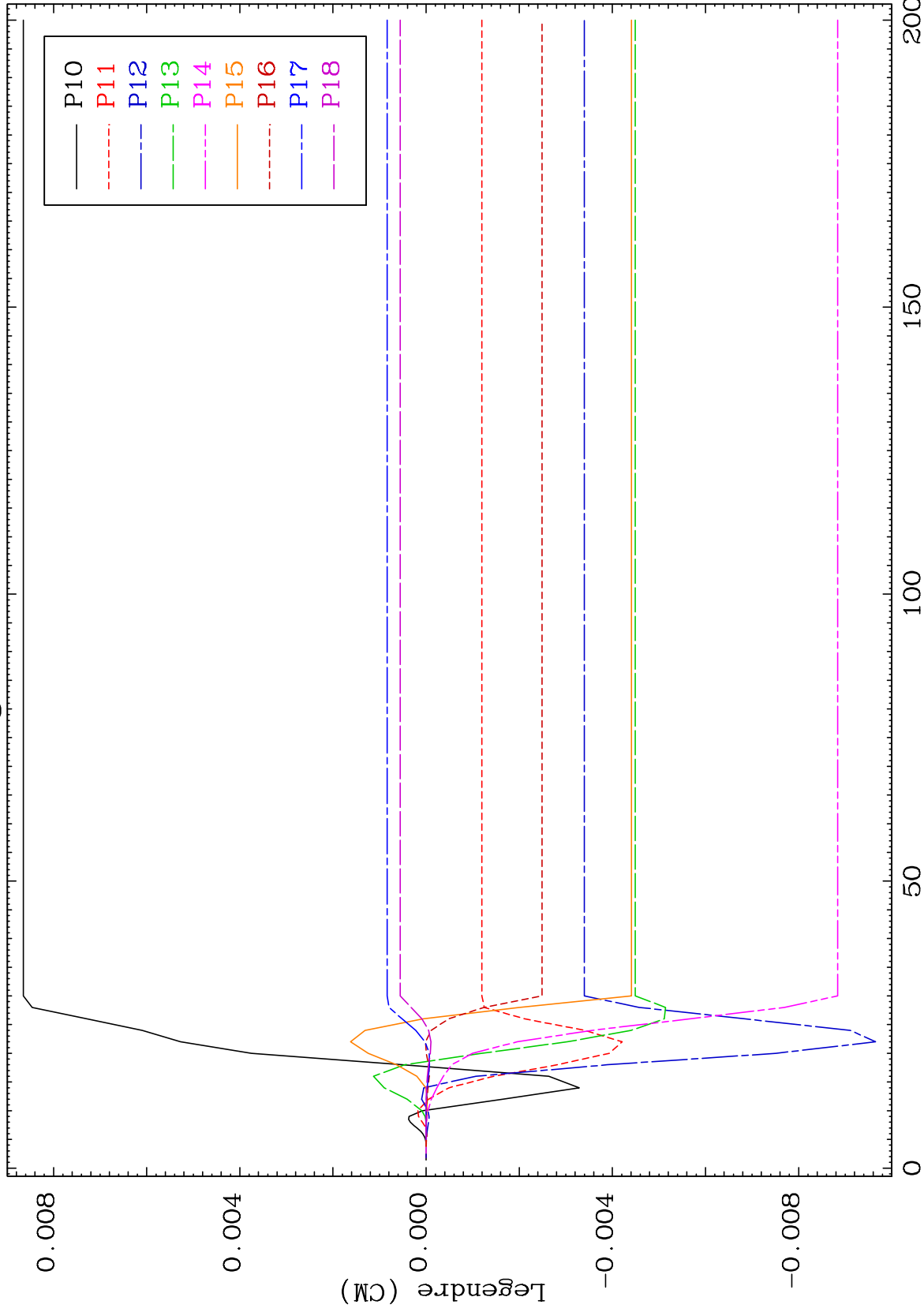
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



34

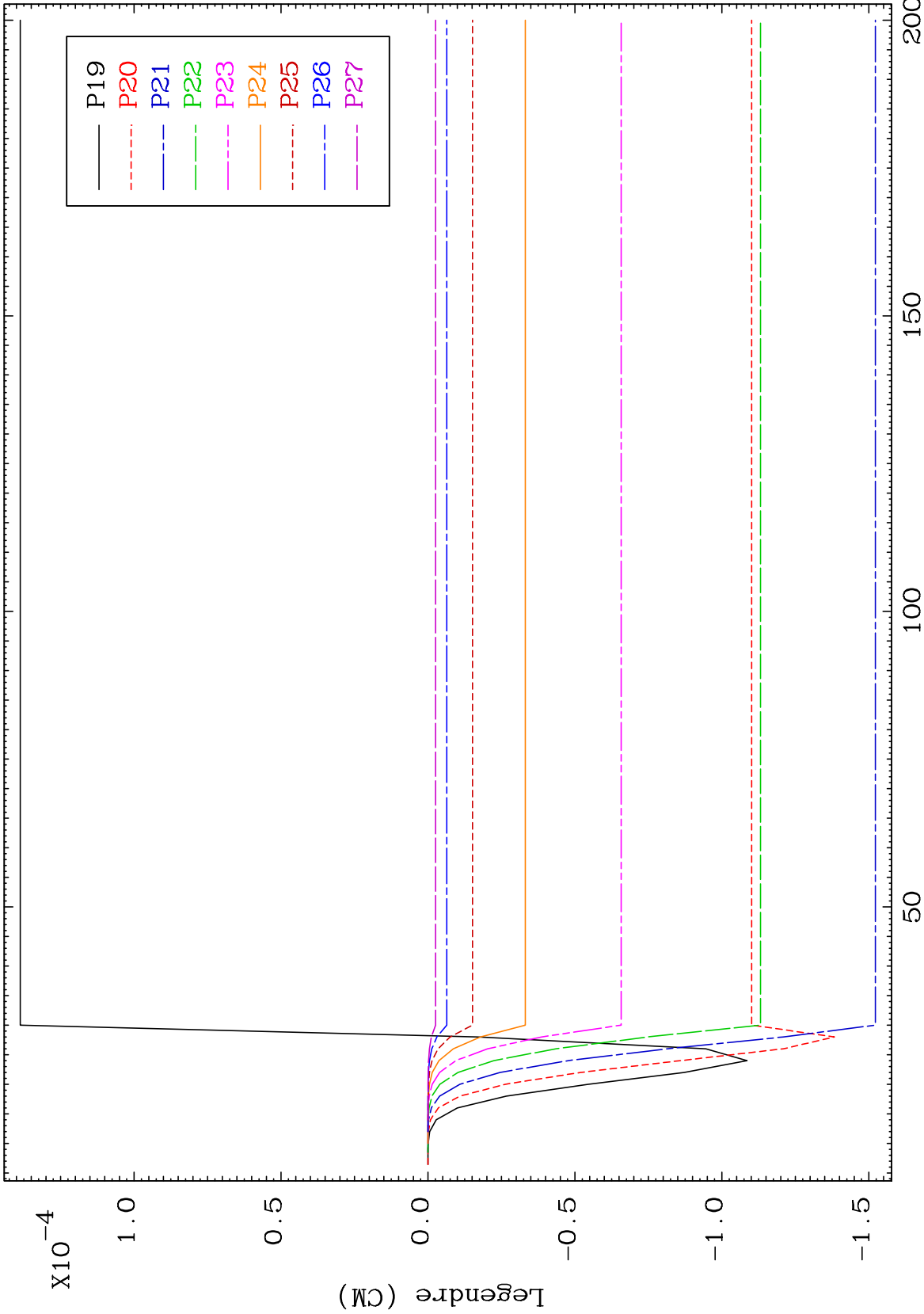
Incident Energy (MeV)

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MAT 5316

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

53-I -124

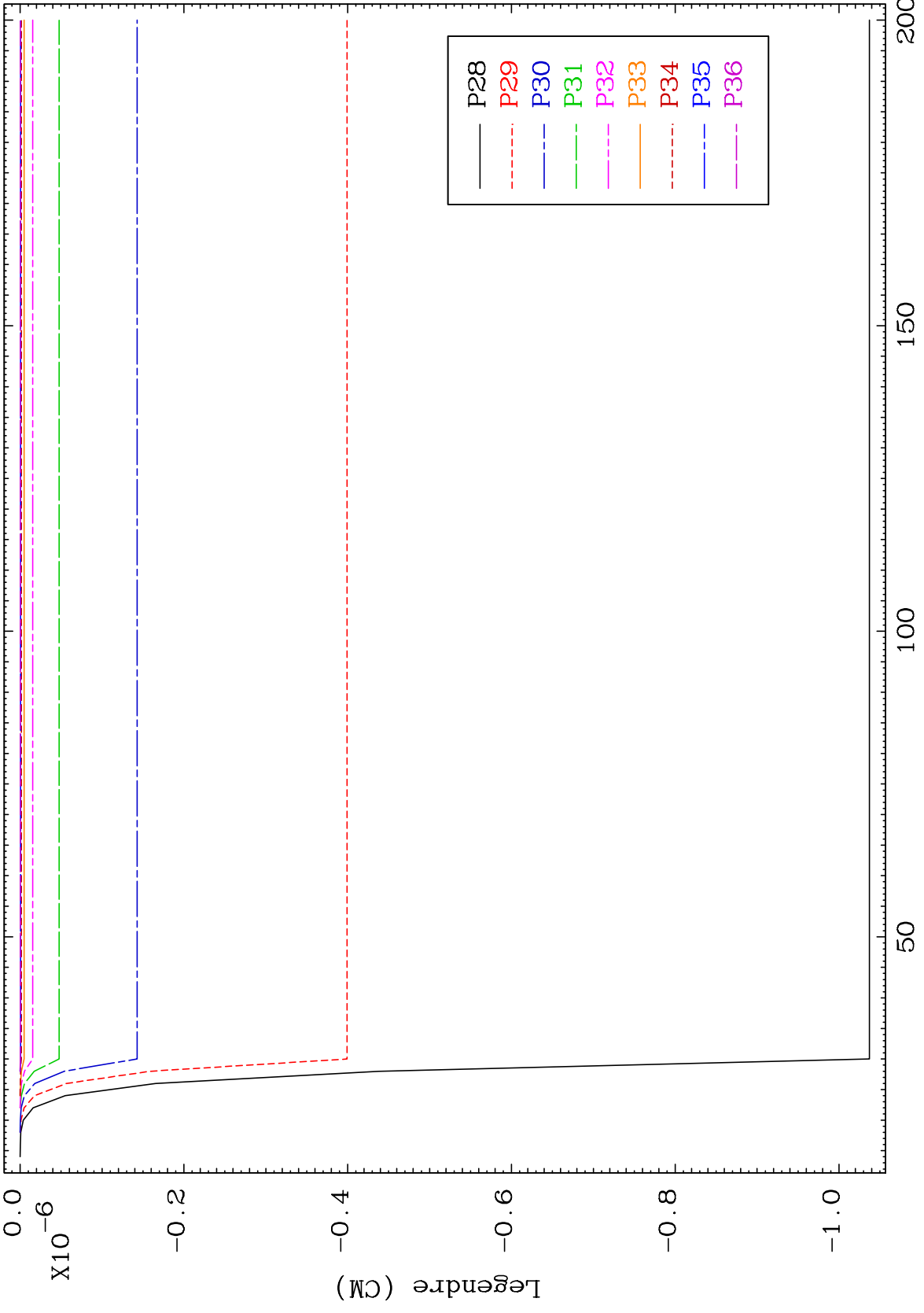


35

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 55 (n,n') Level Legendre Coefficients 53-I -124

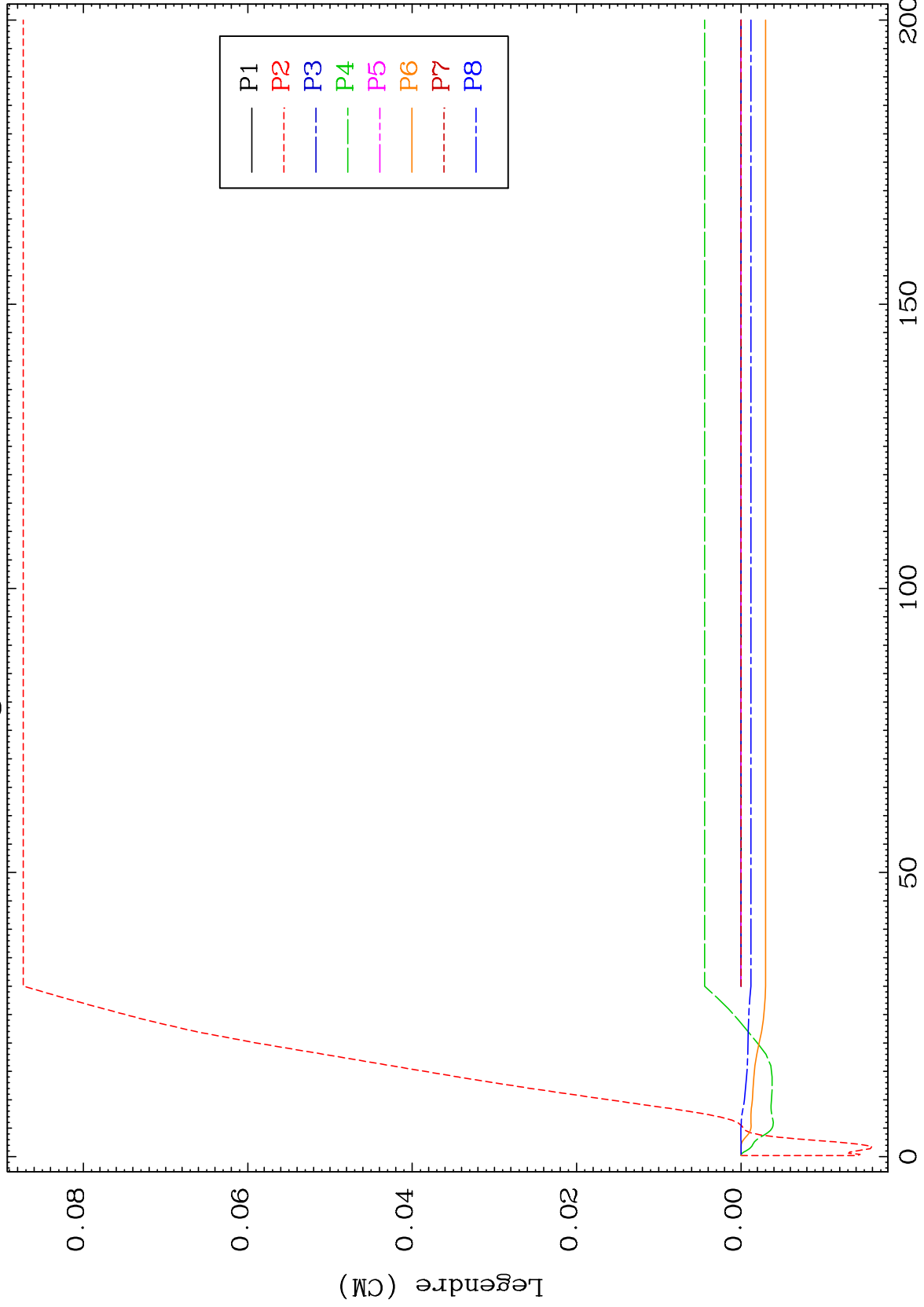


36 53-I -124

MAT 5316

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

53-I -124

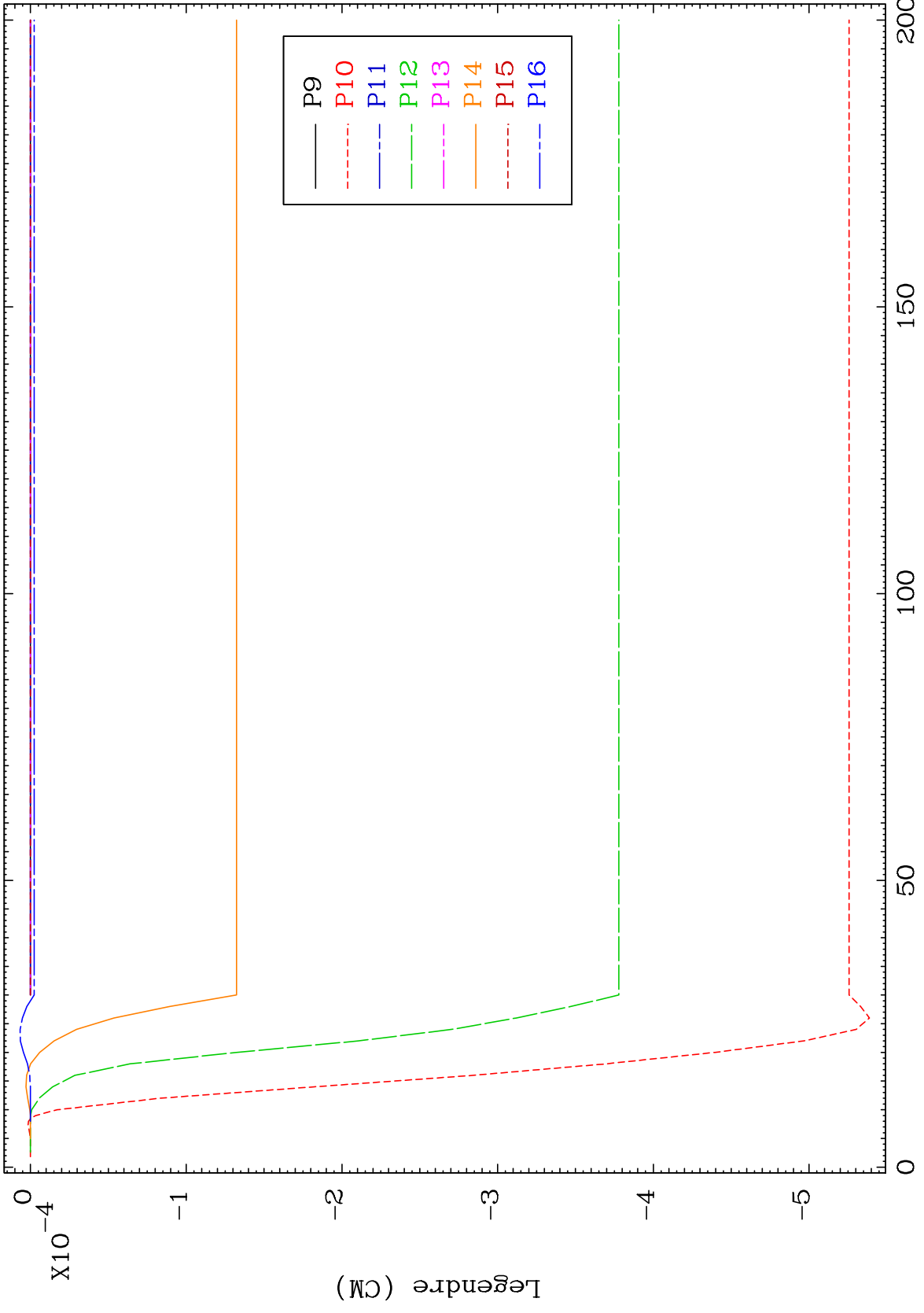


37

Incident Energy (MeV)

53-I -124

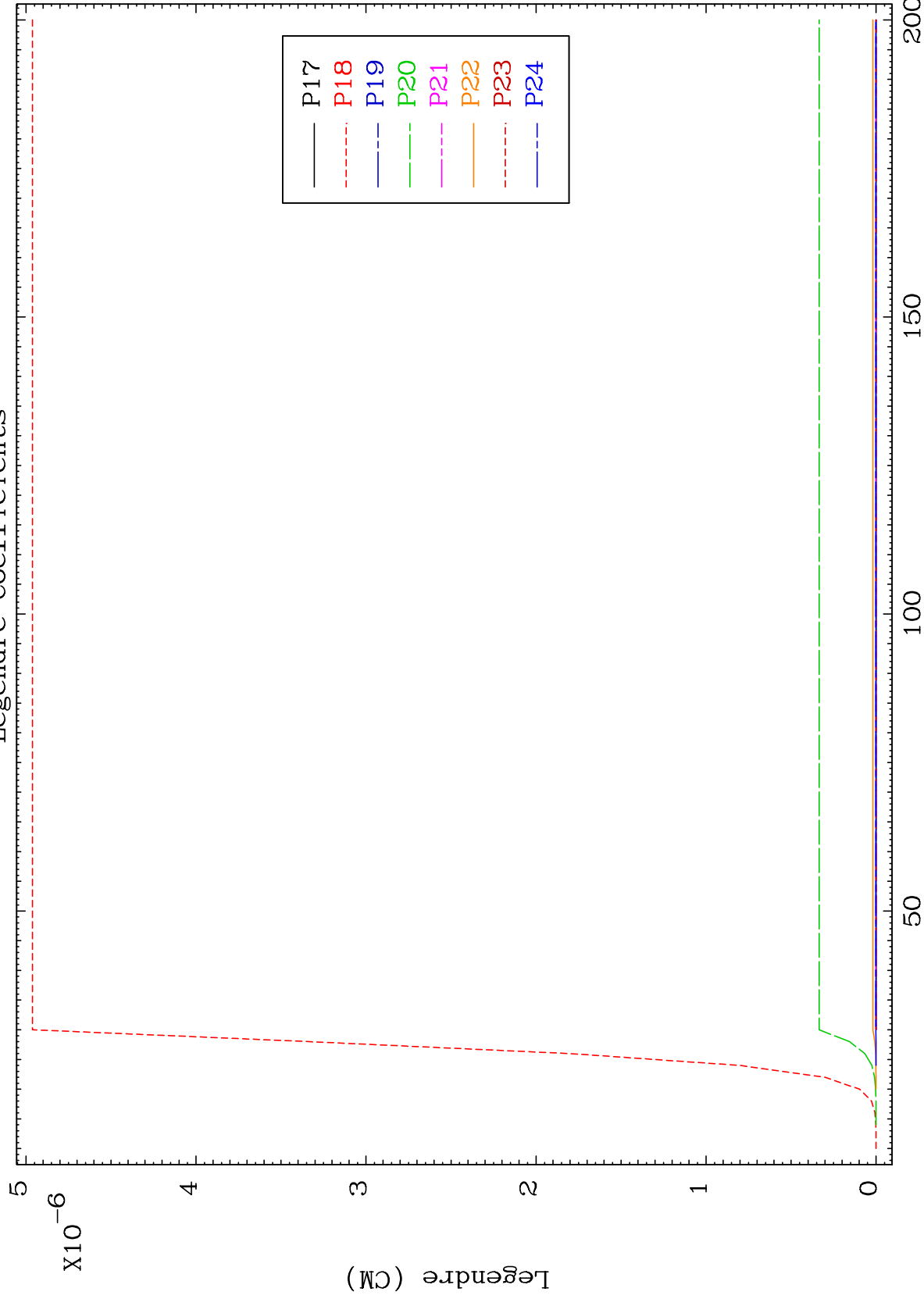
MAT 5316 MT= 56 (n,n') Level Legendre Coefficients 53-I -124



38 53-I -124

MAT 5316 MT= 56 (n,n') Level Legendre Coefficients

53-I -124



39

Incident Energy (MeV)

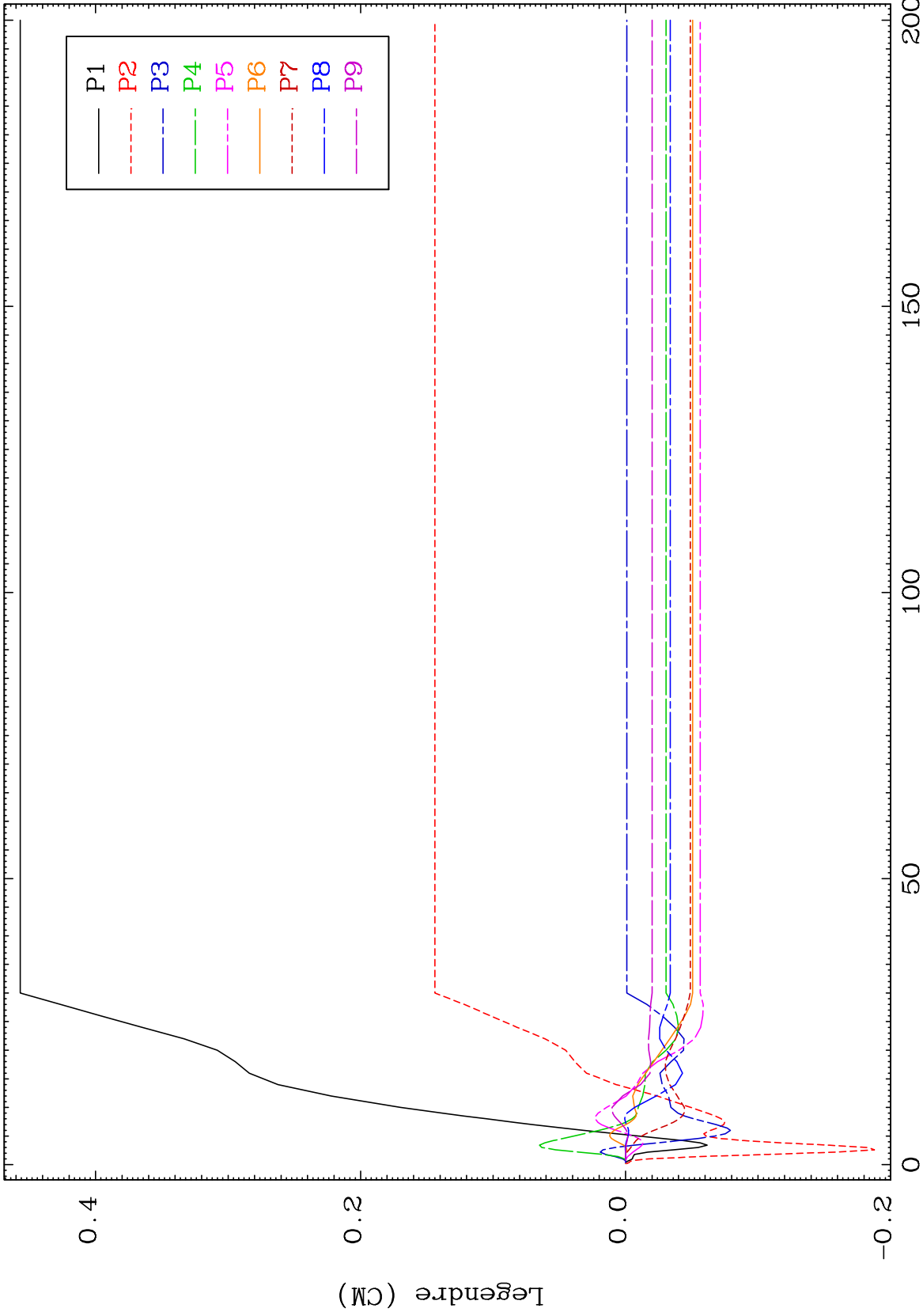
53-I -124



MAT 5316

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

53-I -124



53-I -124

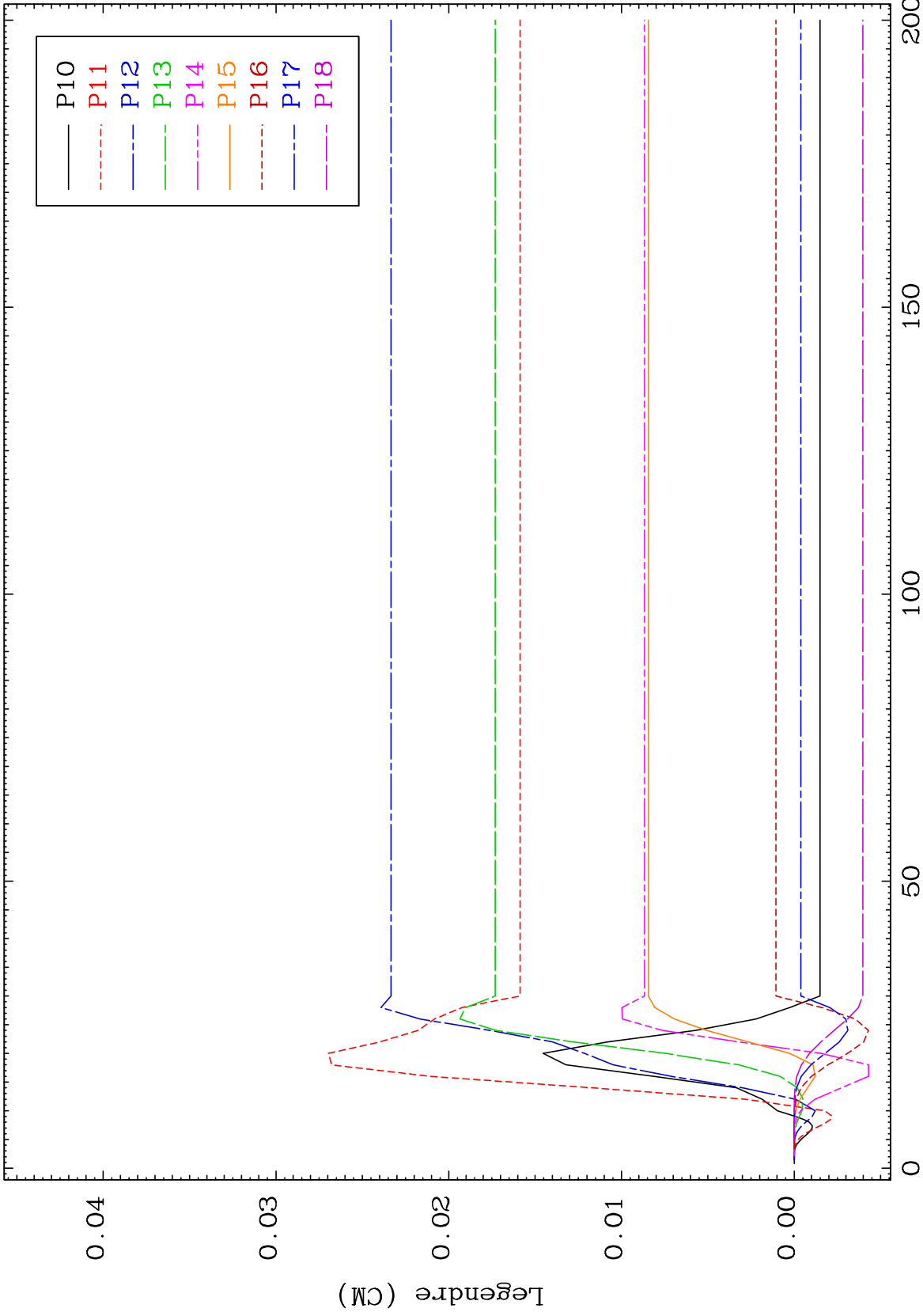
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Legendre (CM)

MAT 5316

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

53-I -124



41

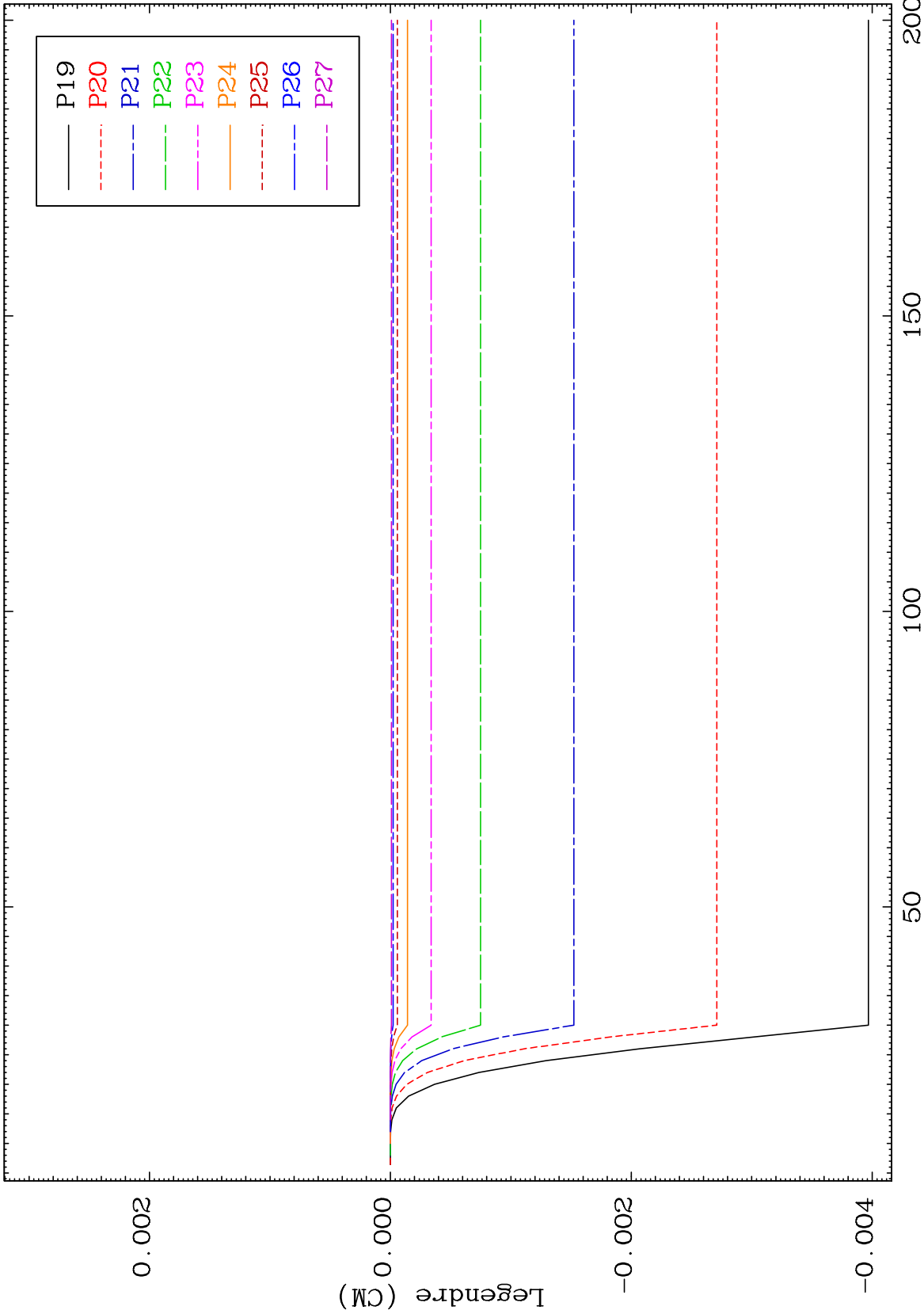
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124

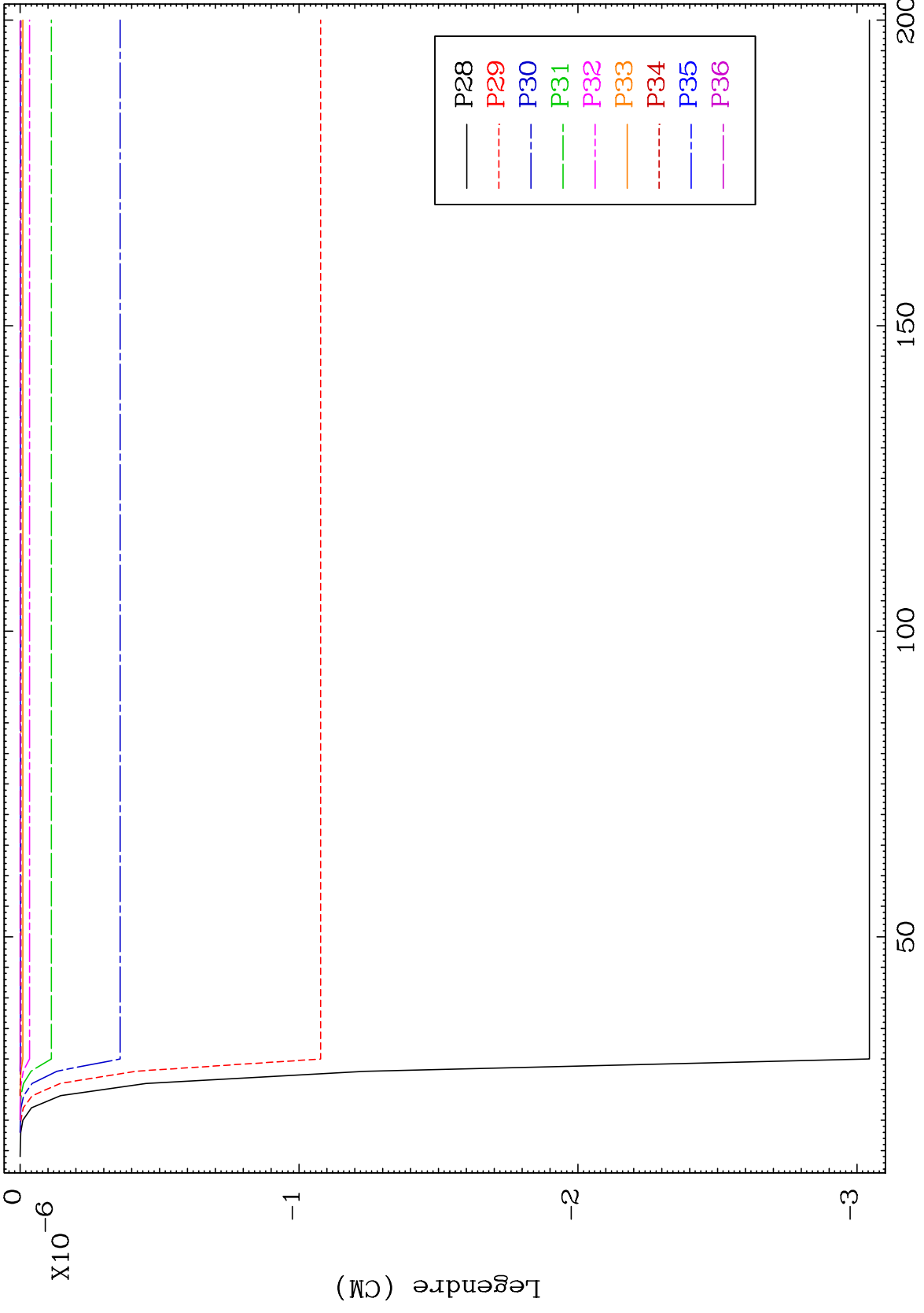


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Incident Energy (MeV)

53-I -124

MAT 5316 MT= 57 (n,n') Level Legendre Coefficients 53-I -124

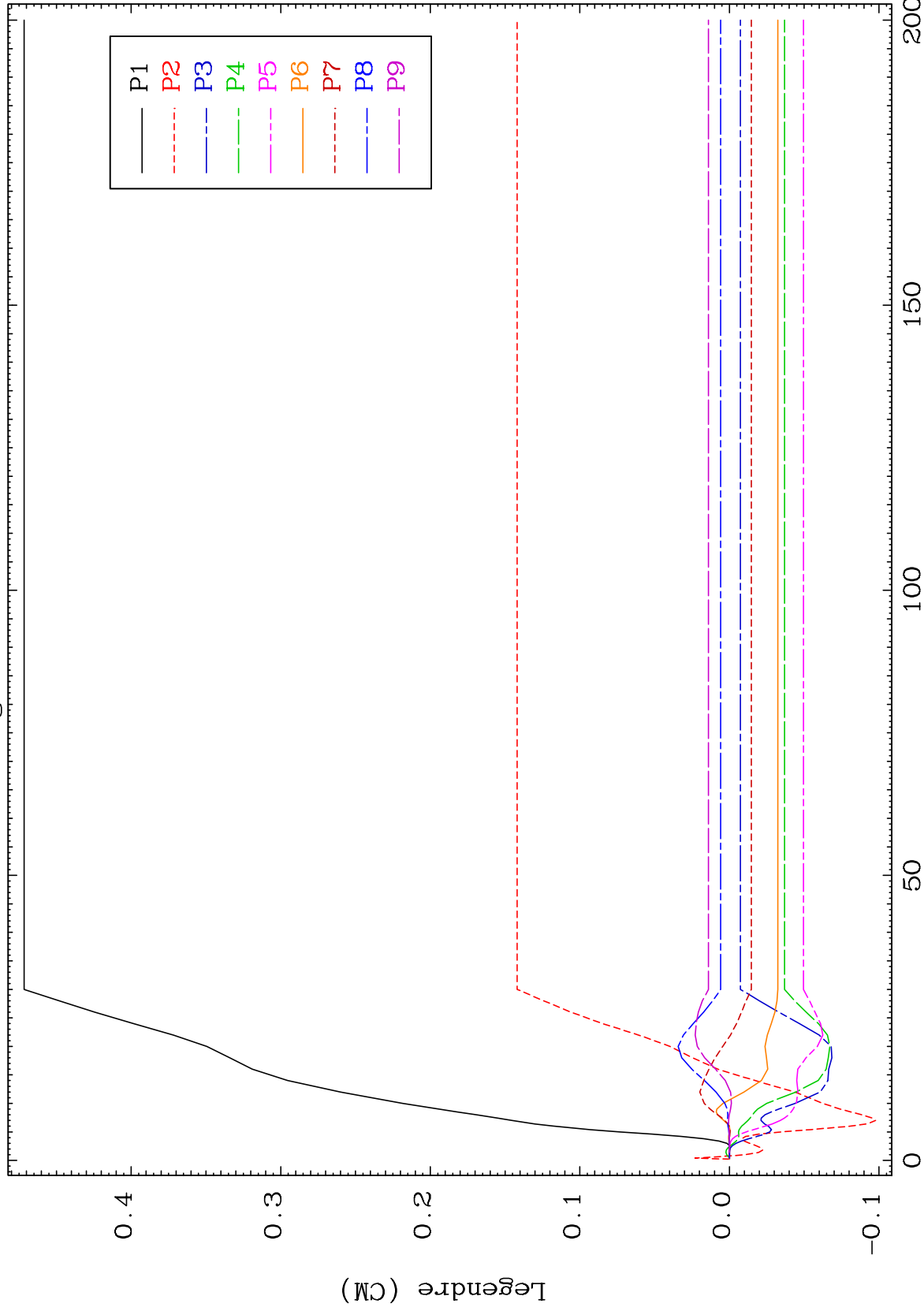


43 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124



44

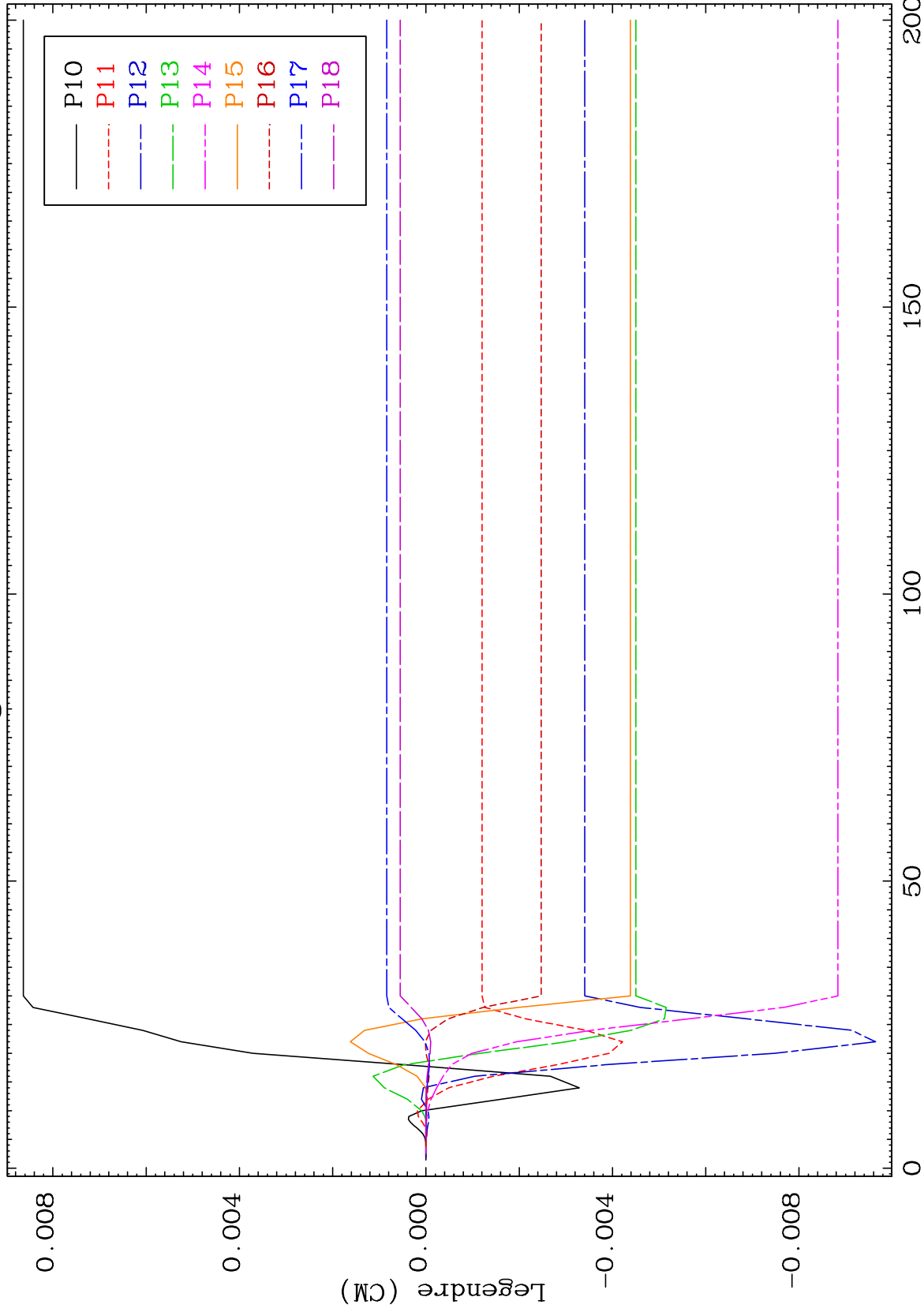
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



45

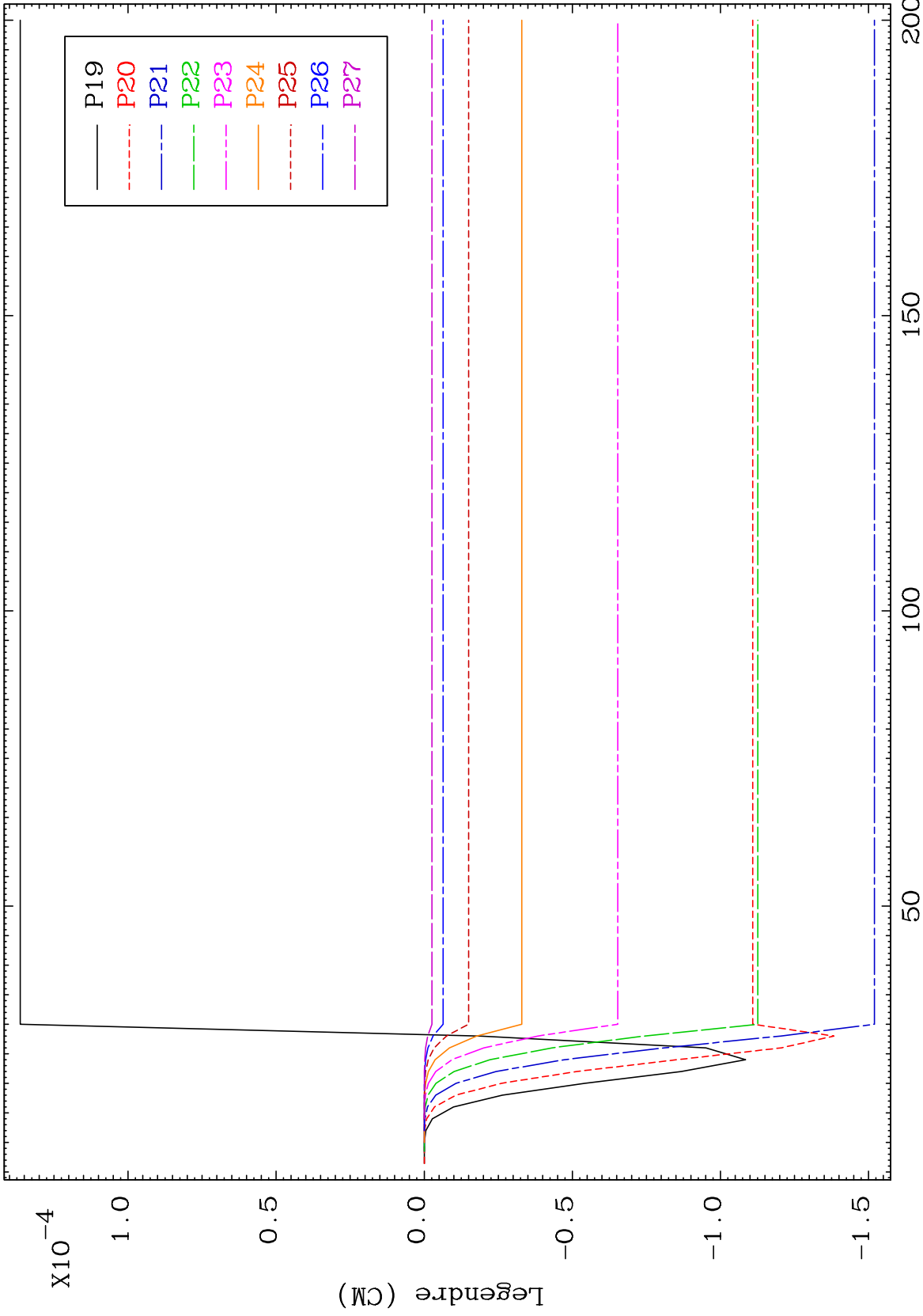
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



46

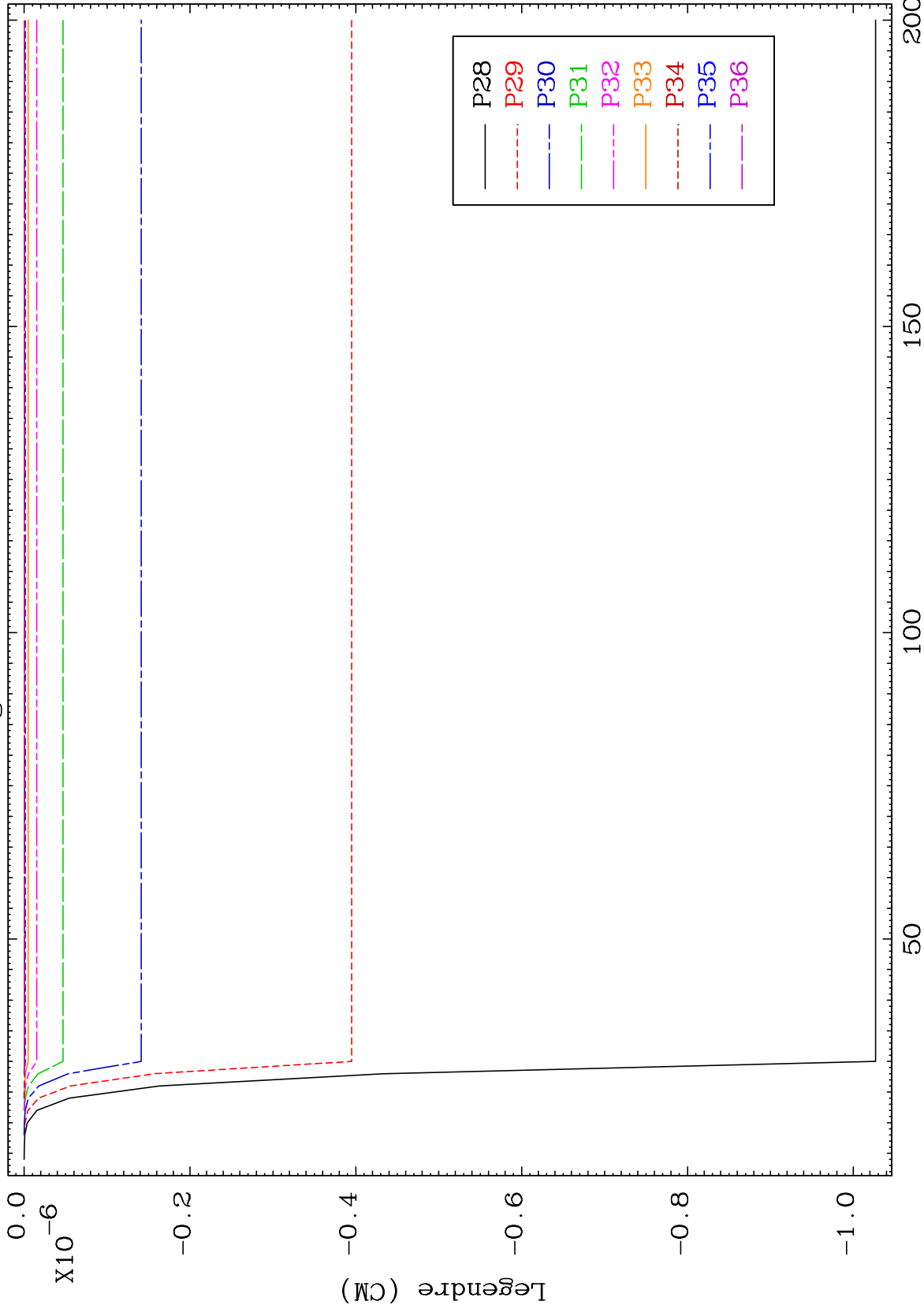
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



47

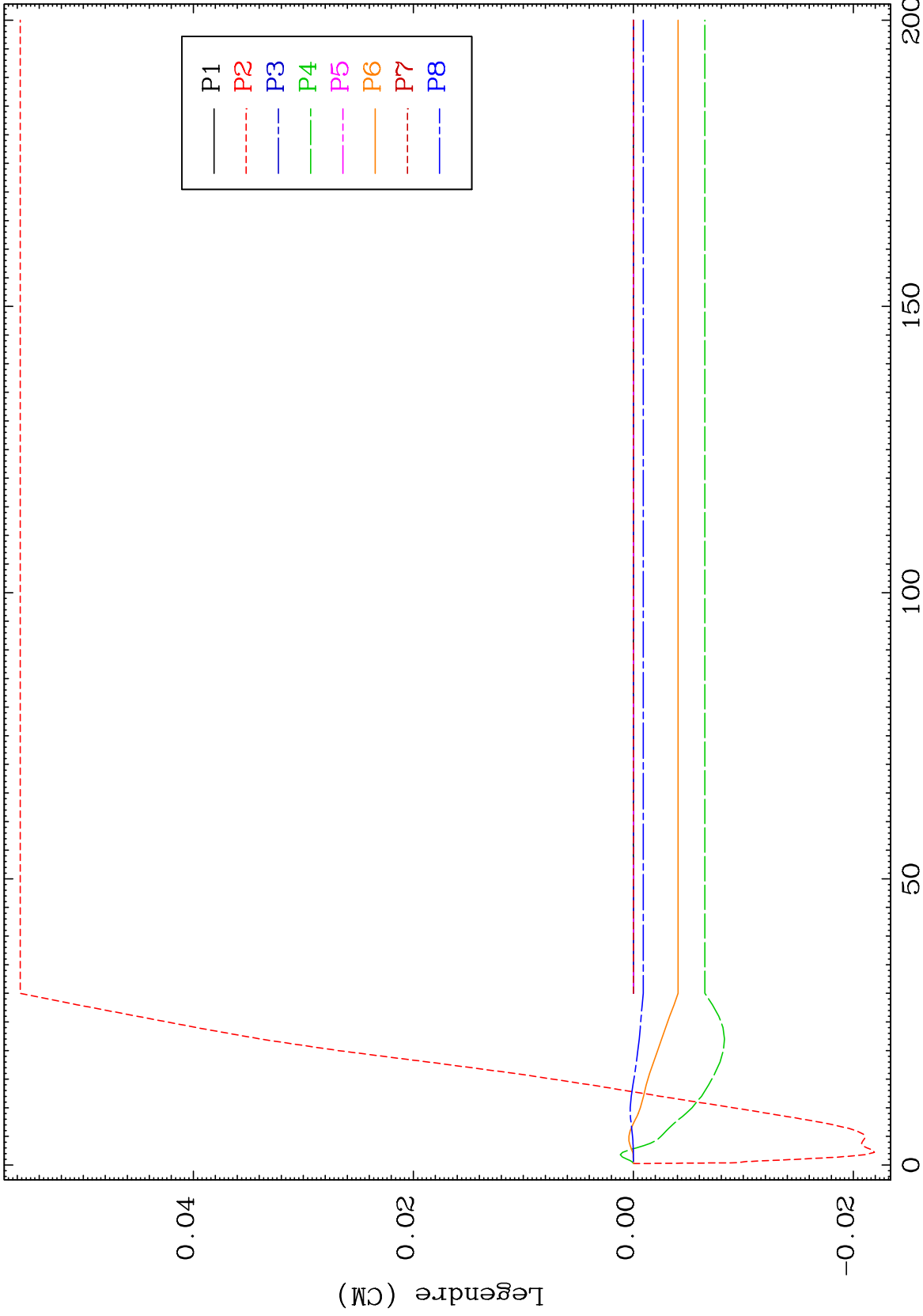
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MAT 5316

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

53-I -124



48

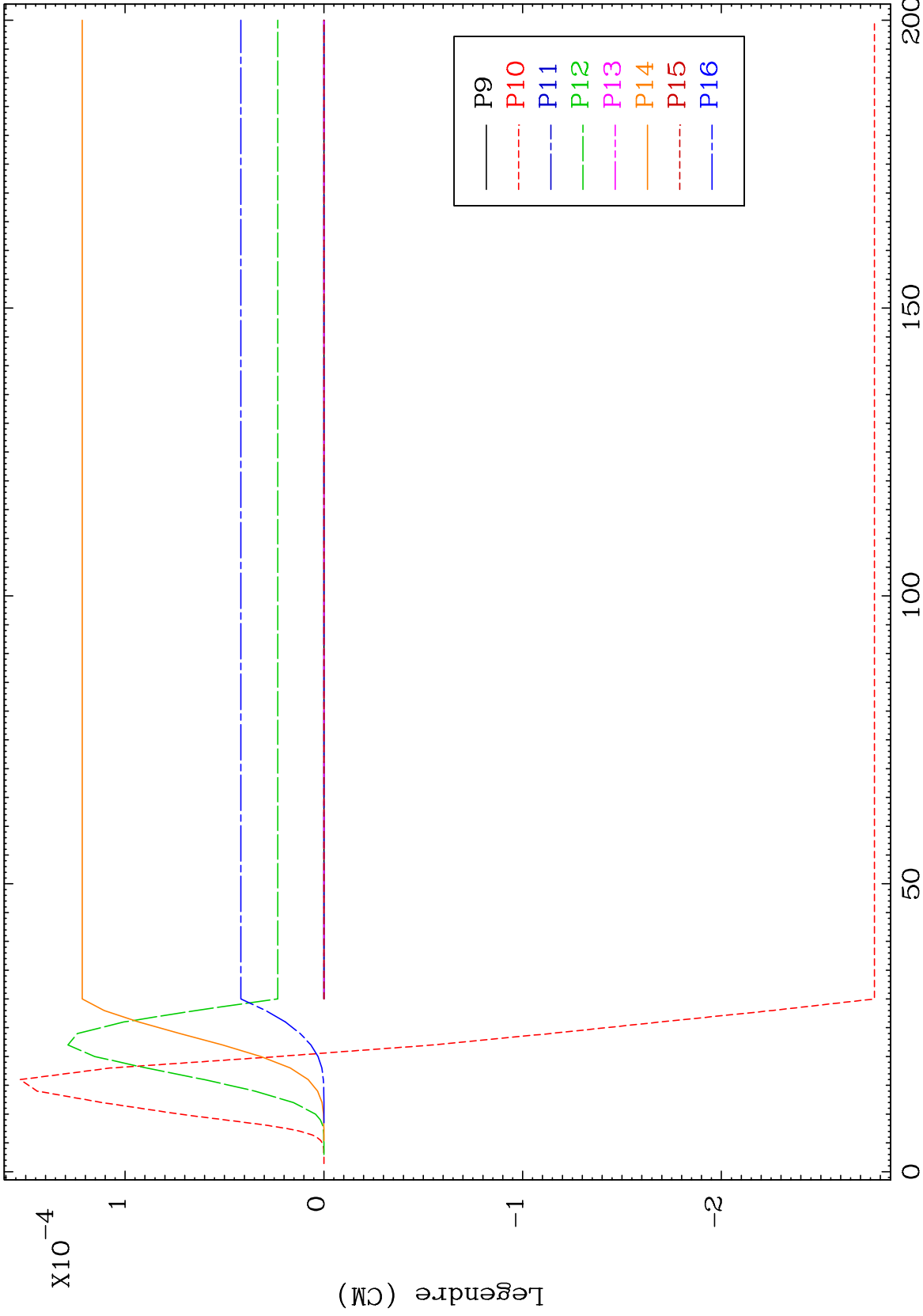
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124

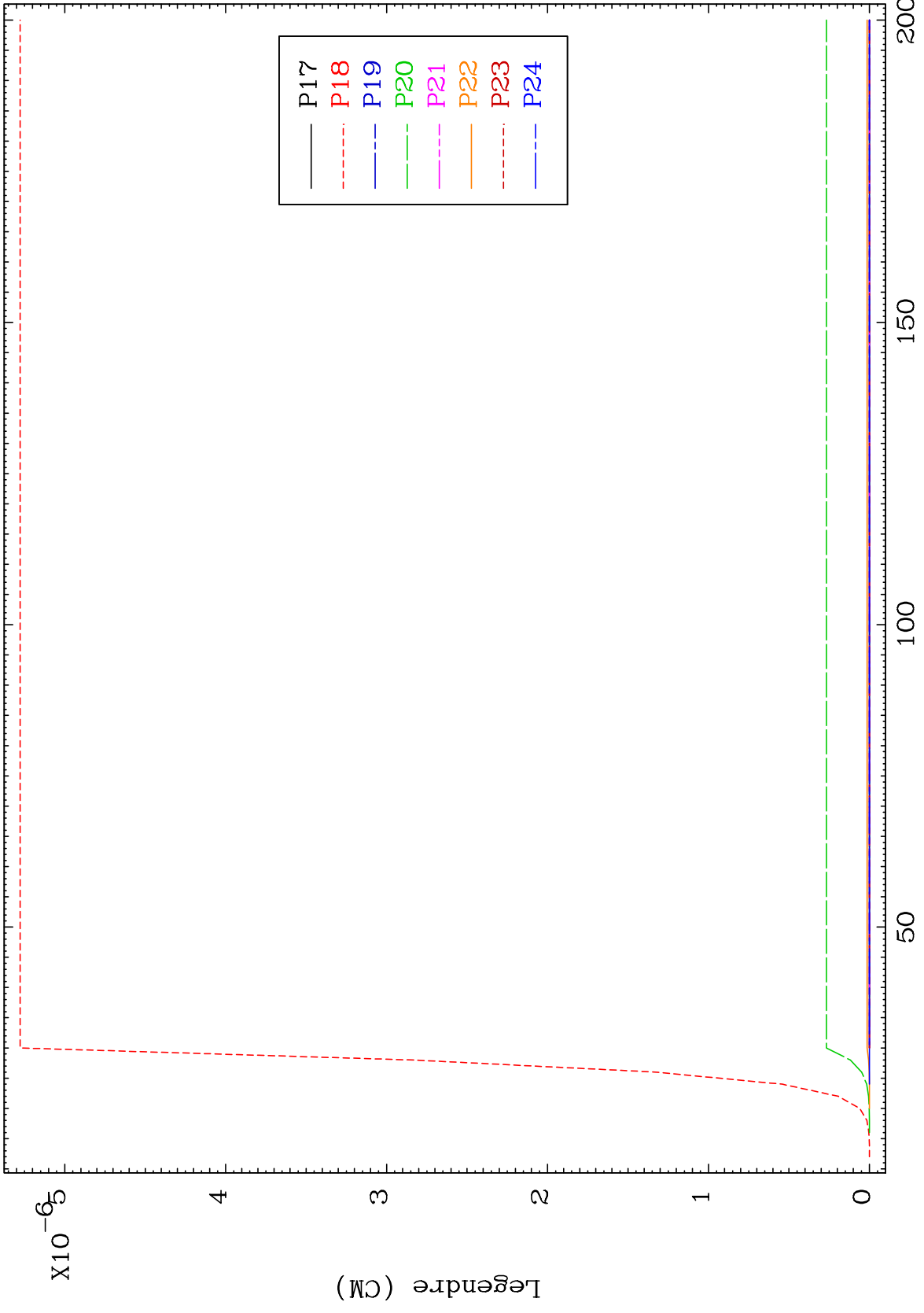


49

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 59 (n,n') Level Legendre Coefficients 53-I -124

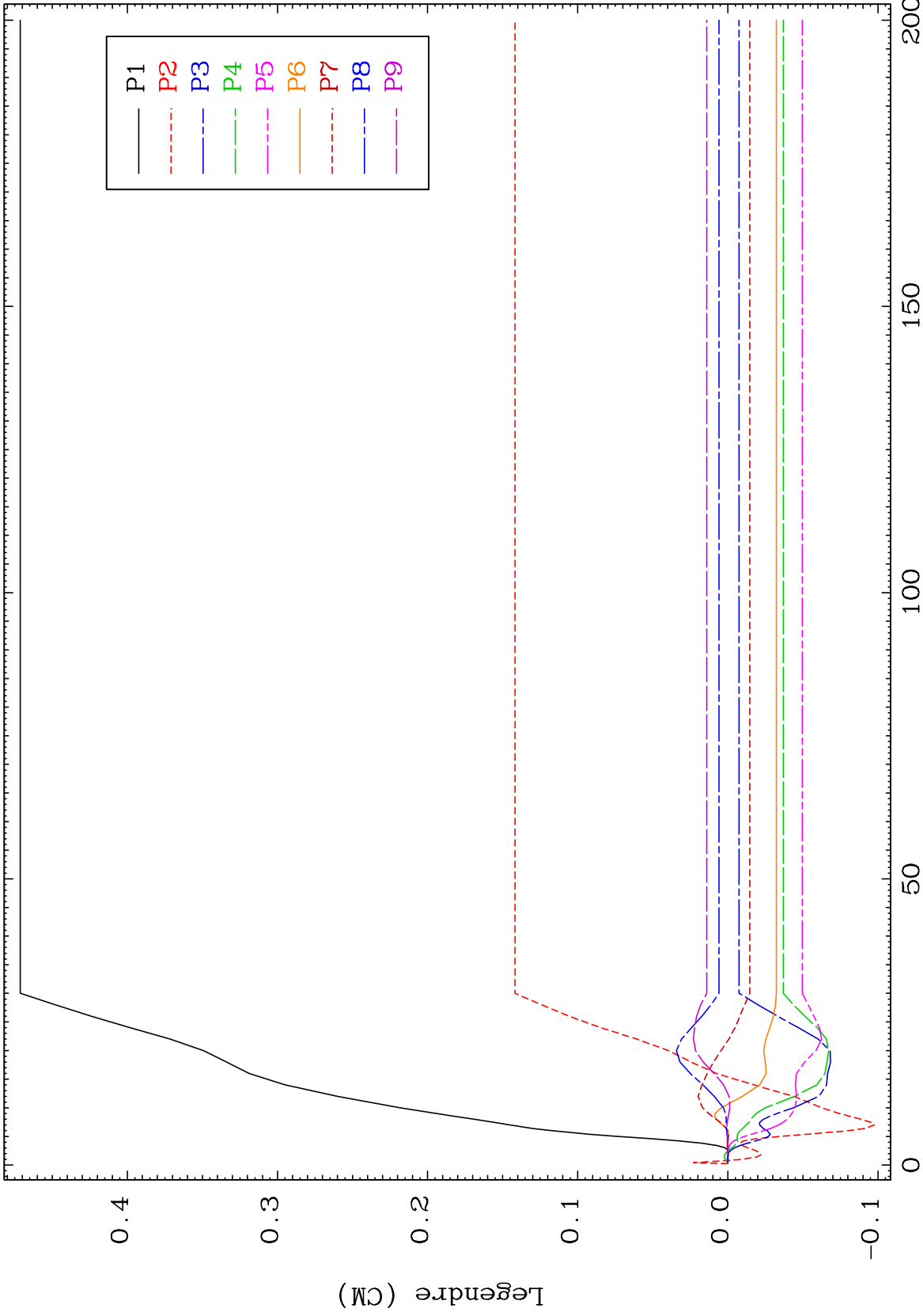


53-I -124

MAT 5316

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Legendre Coefficients

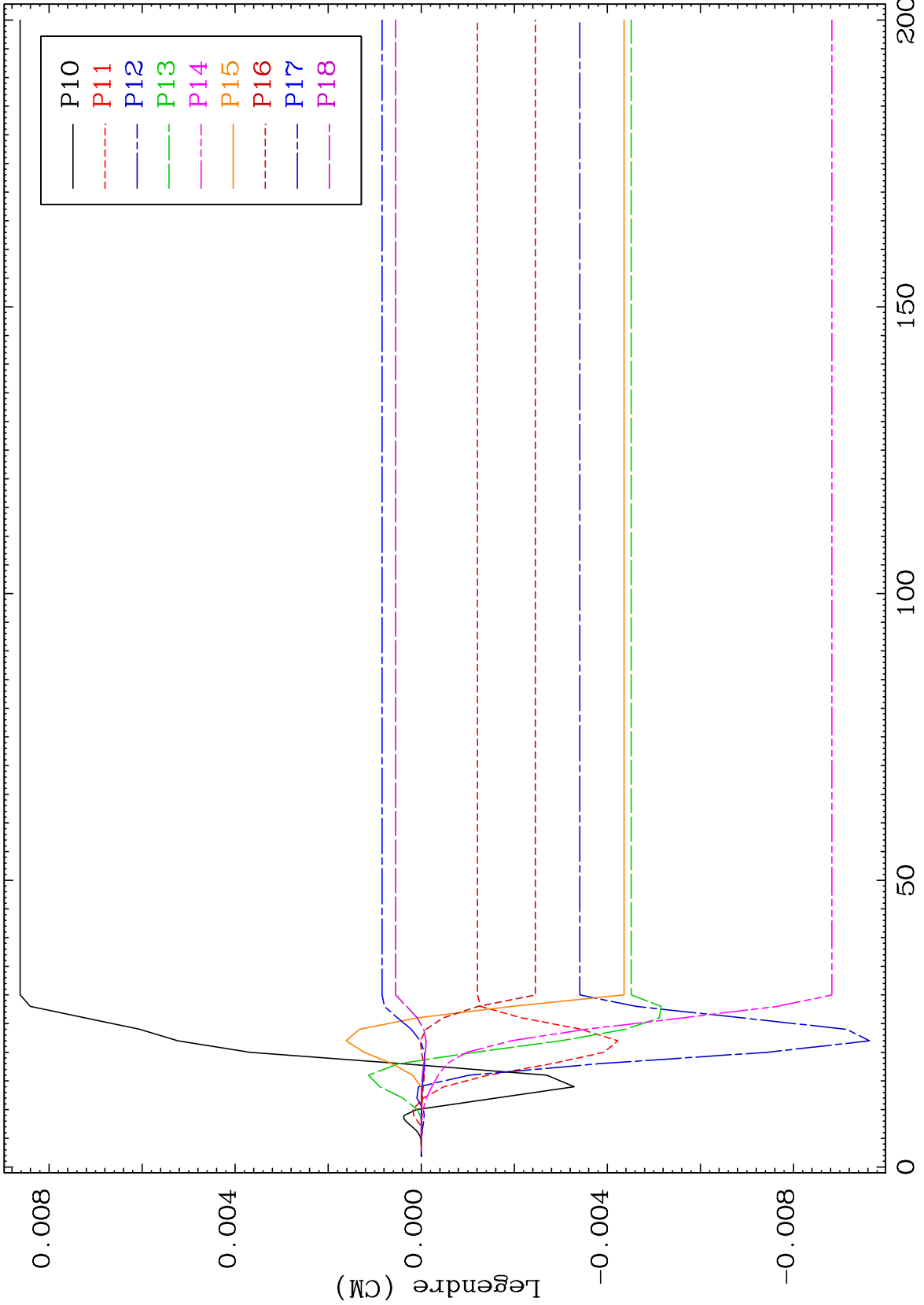
53-I -124



51

Incident Energy (MeV)

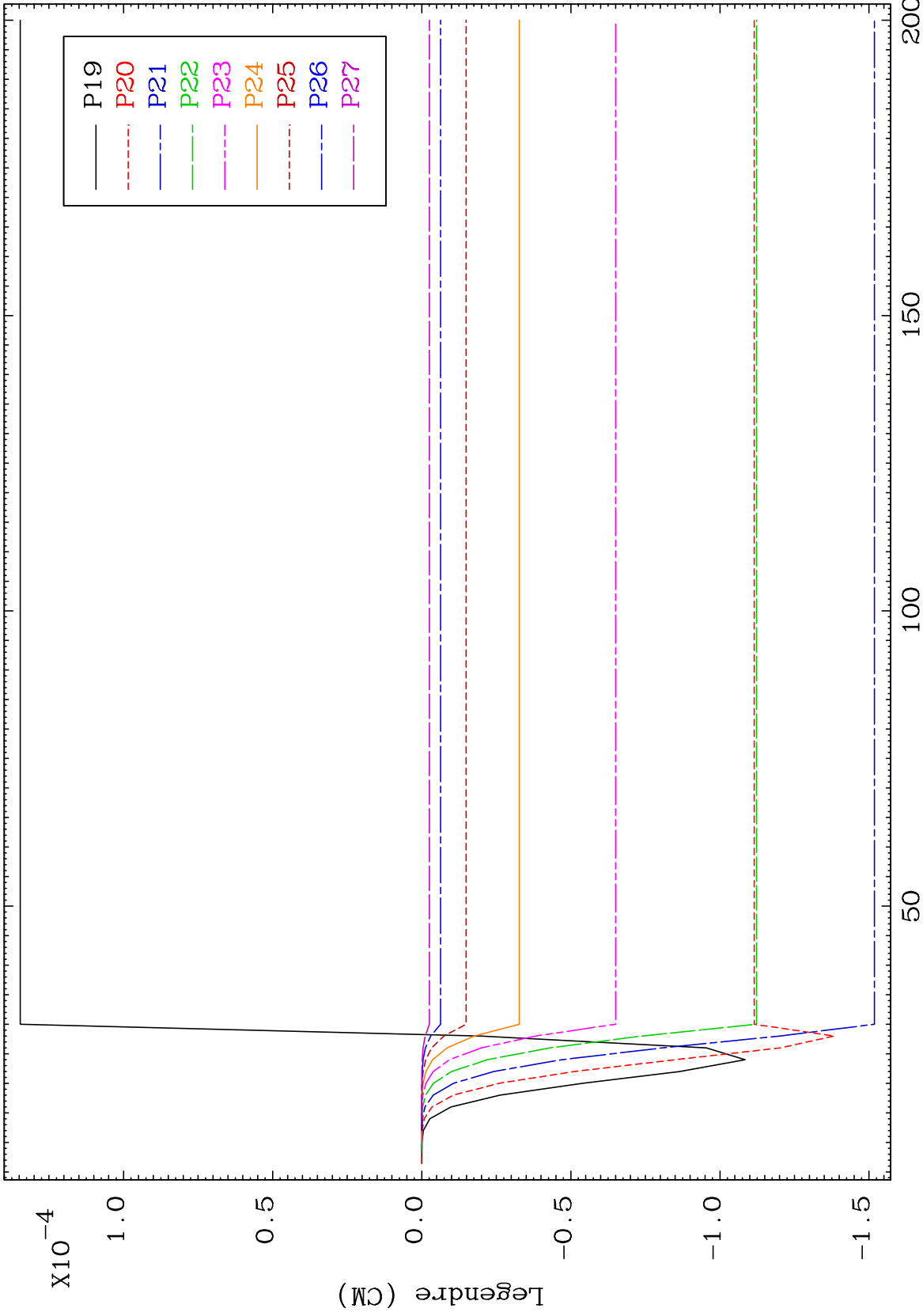
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MAT 5316

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

53-I -124



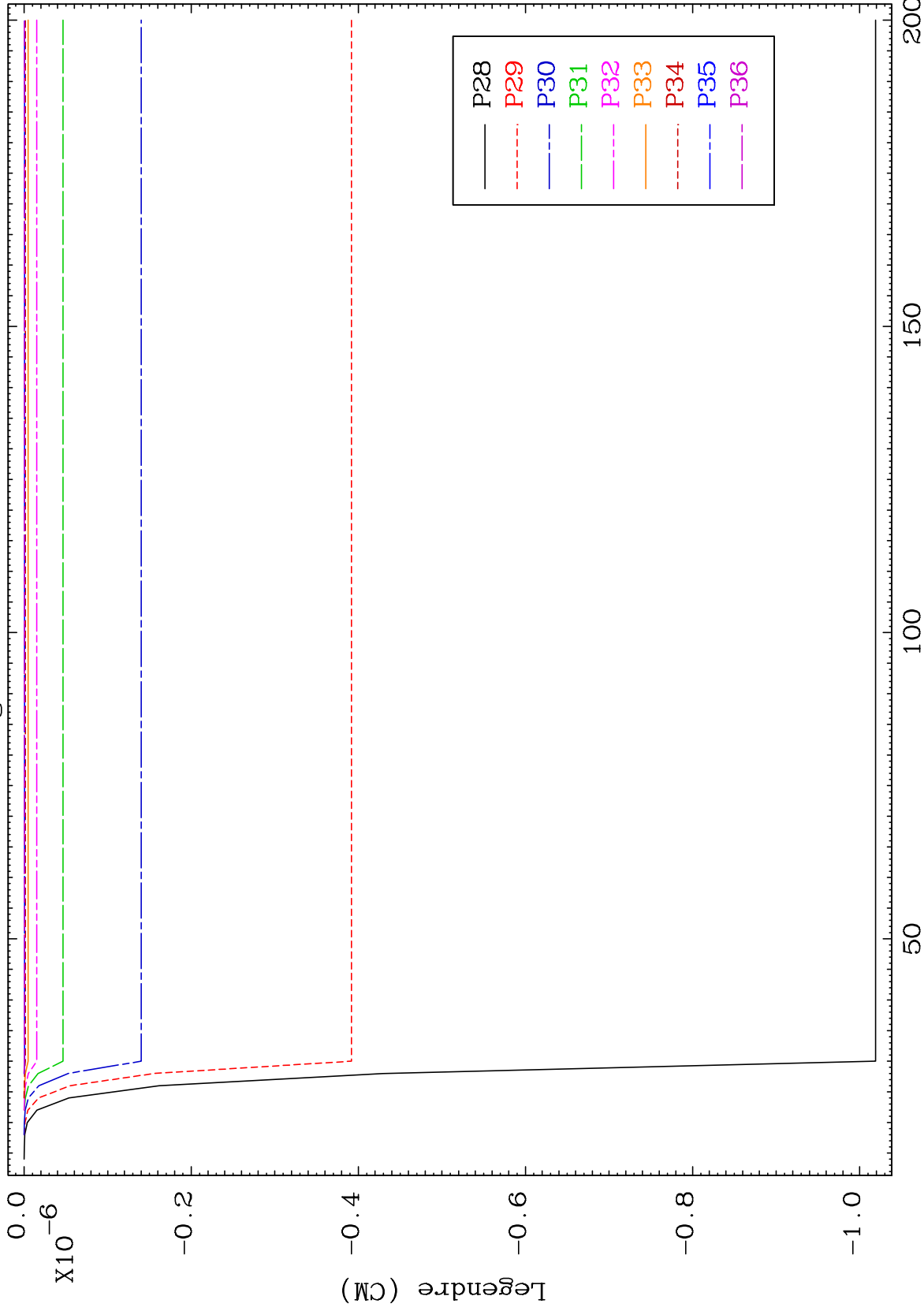
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MAT 5316

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

53-I -124



54

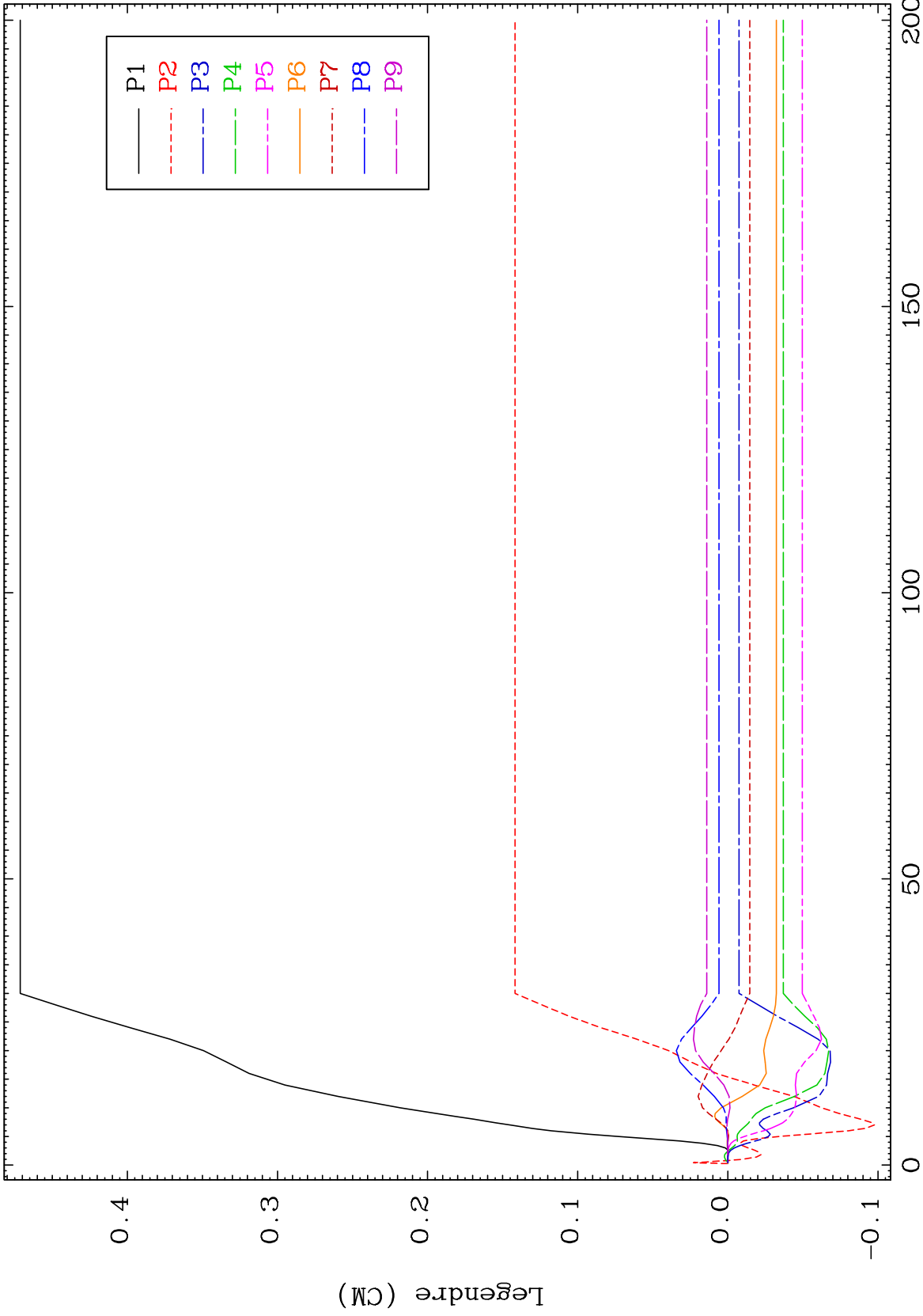
Incident Energy (MeV)

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MAT 5316

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

53-I -124



55

Incident Energy (MeV)

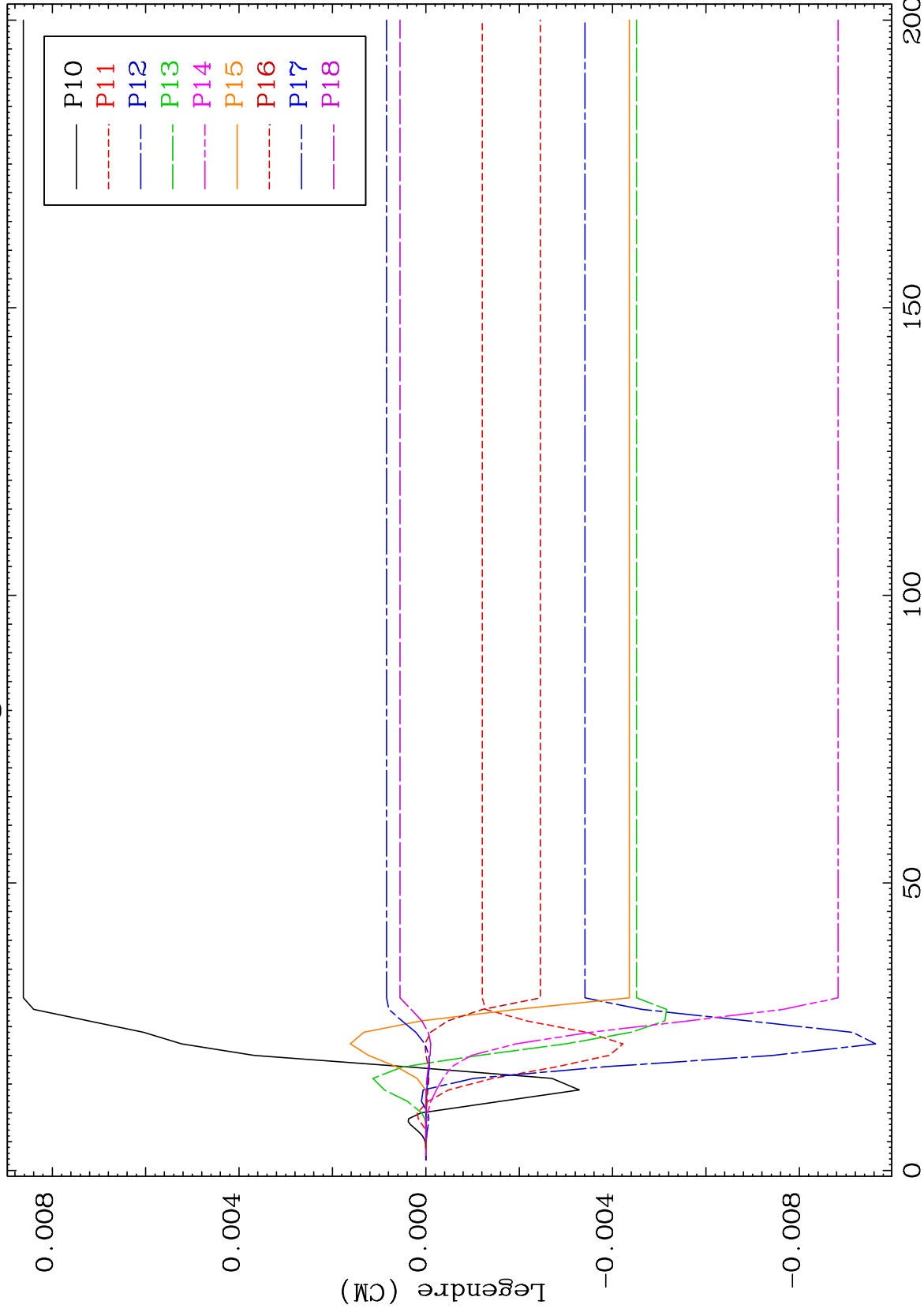
53-I -124



MAT 5316

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

53-I -124



56

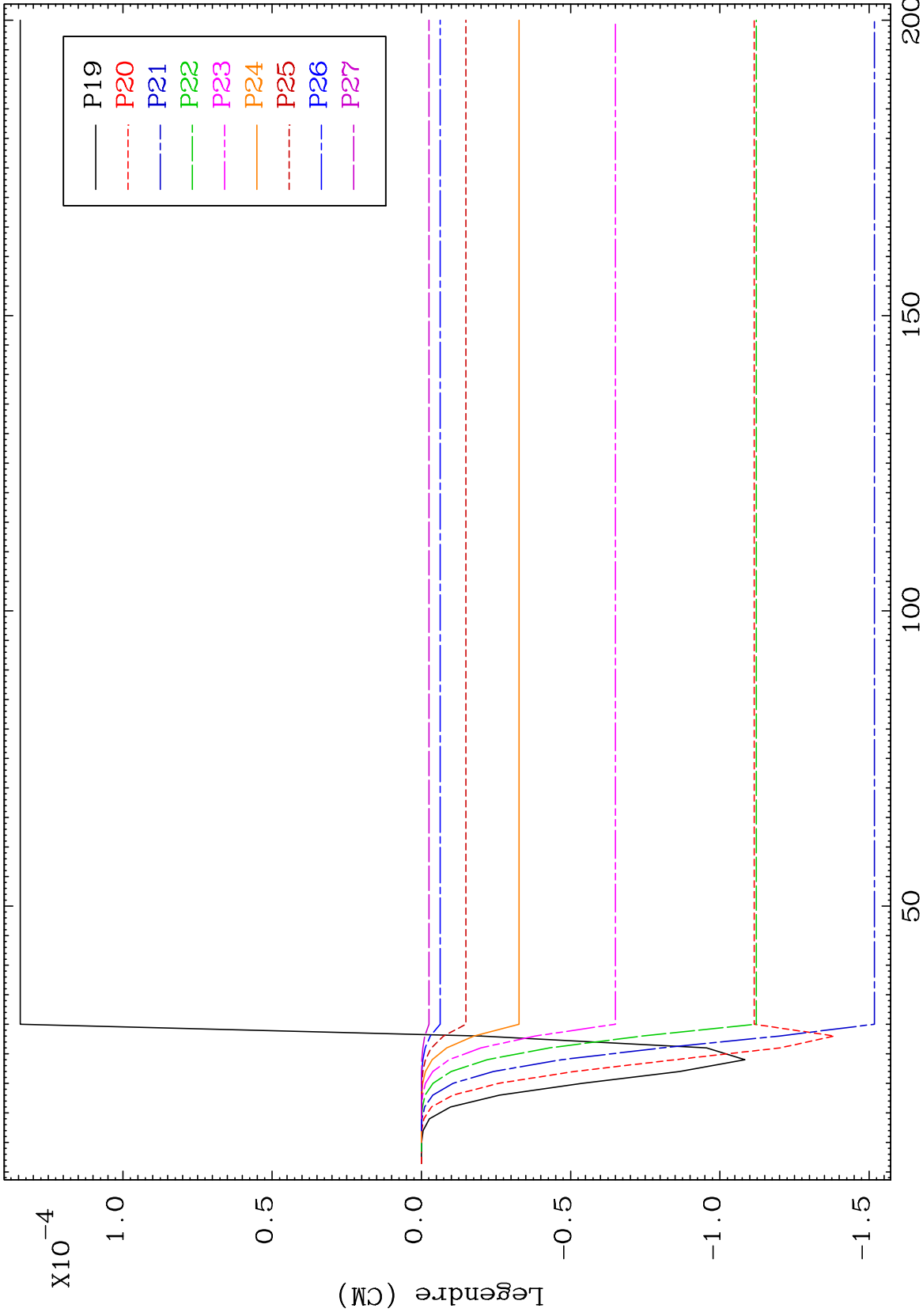
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



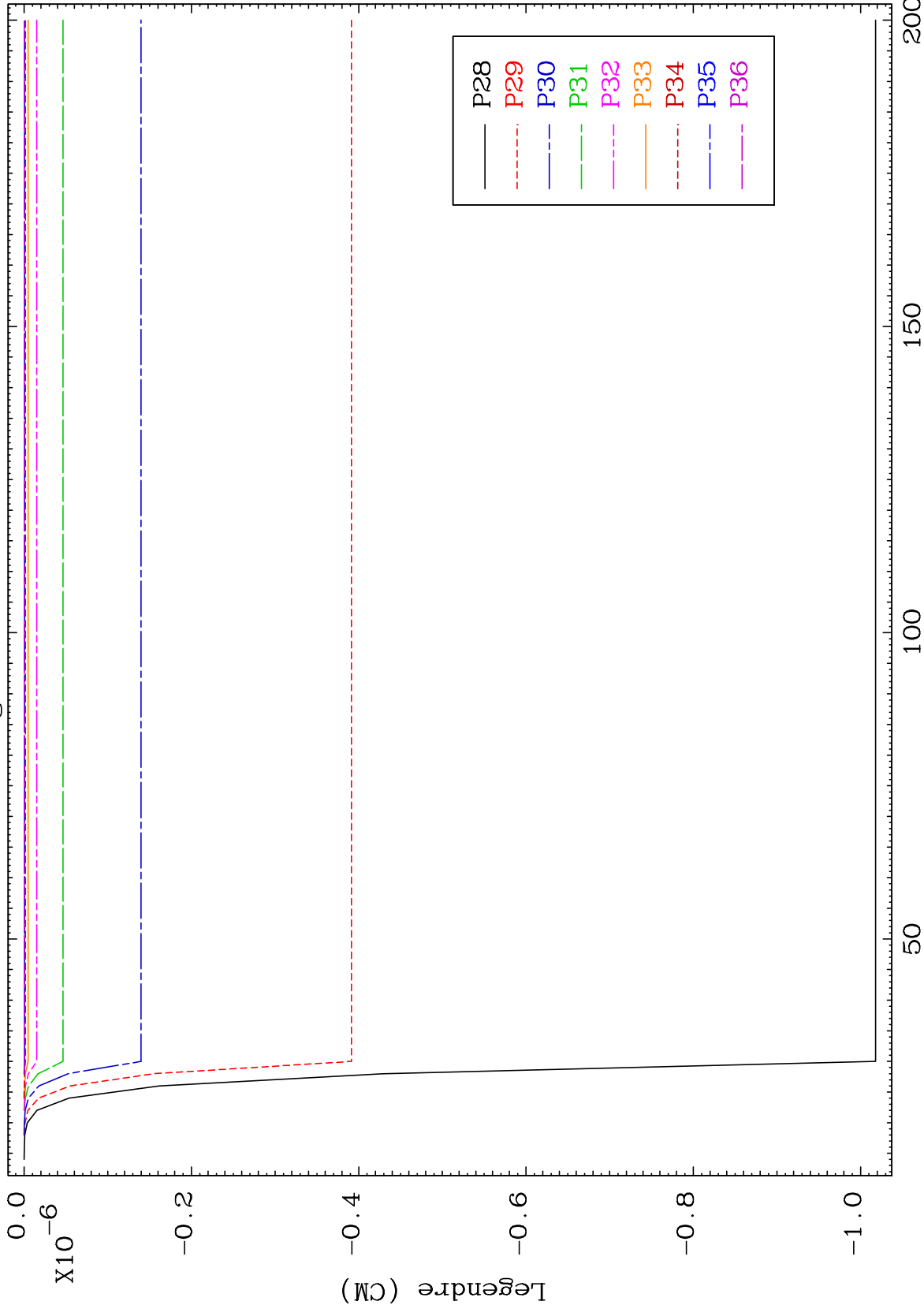
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53-I -124

MAT 5316

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

53-I -124



58

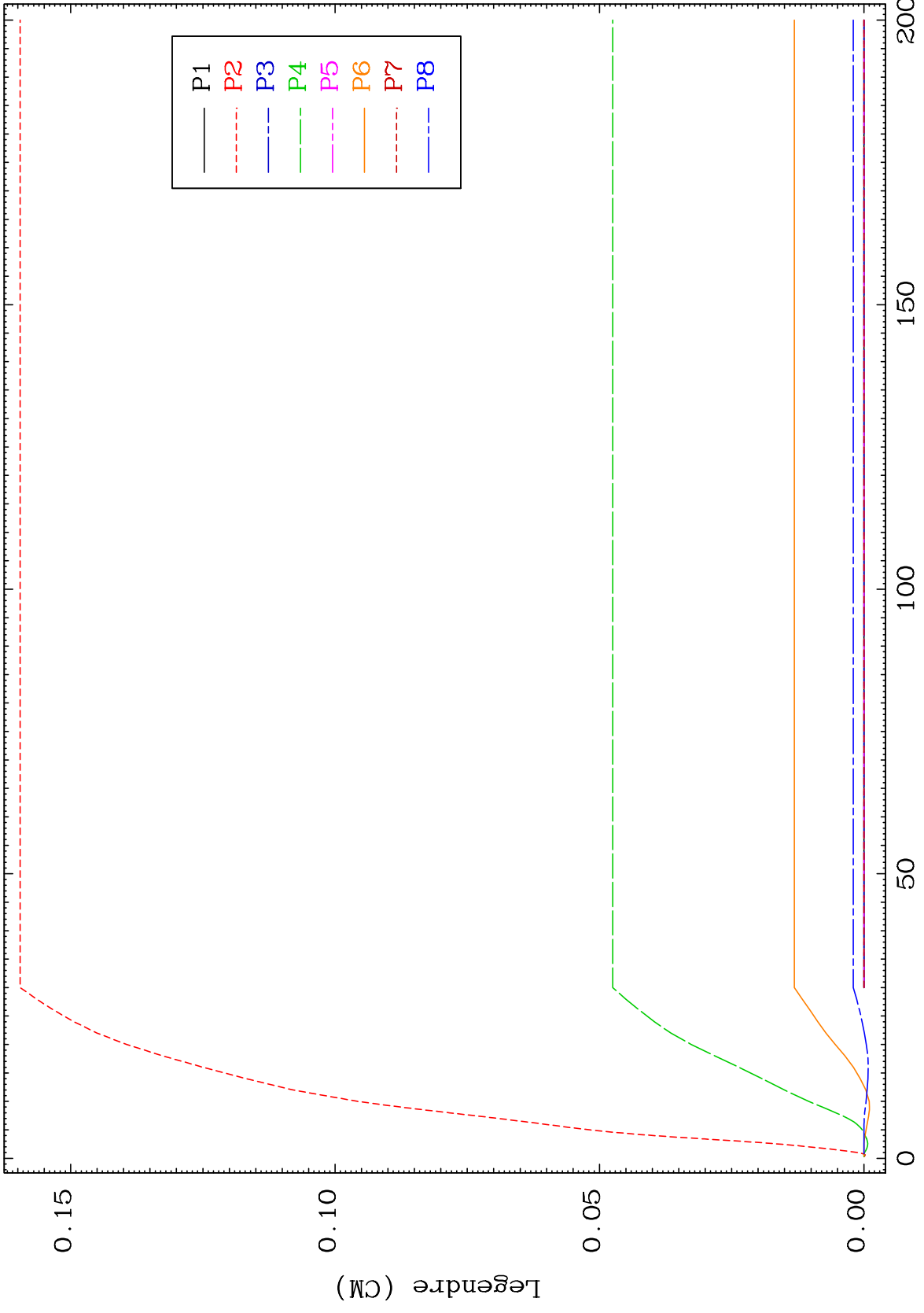
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



59

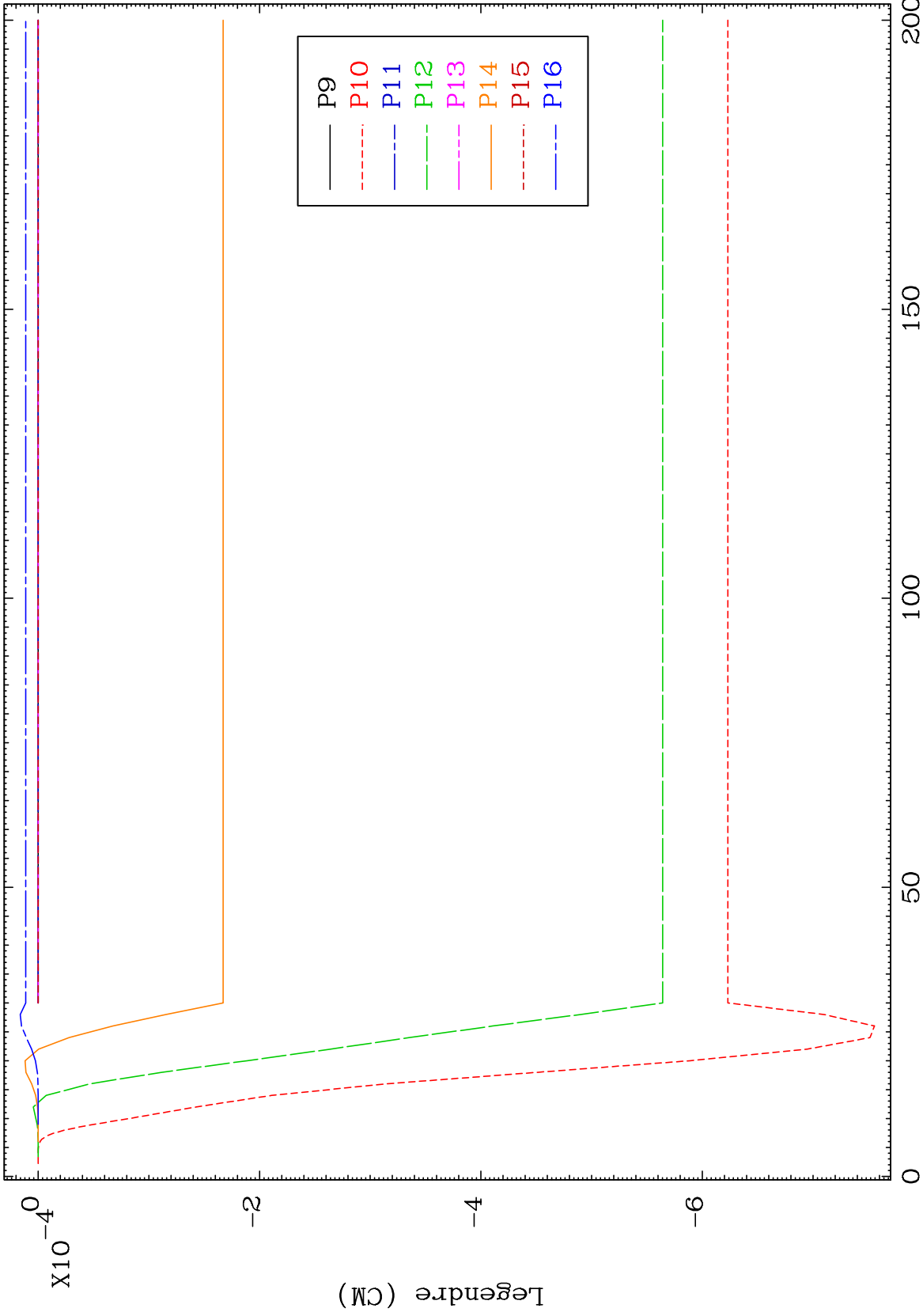
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



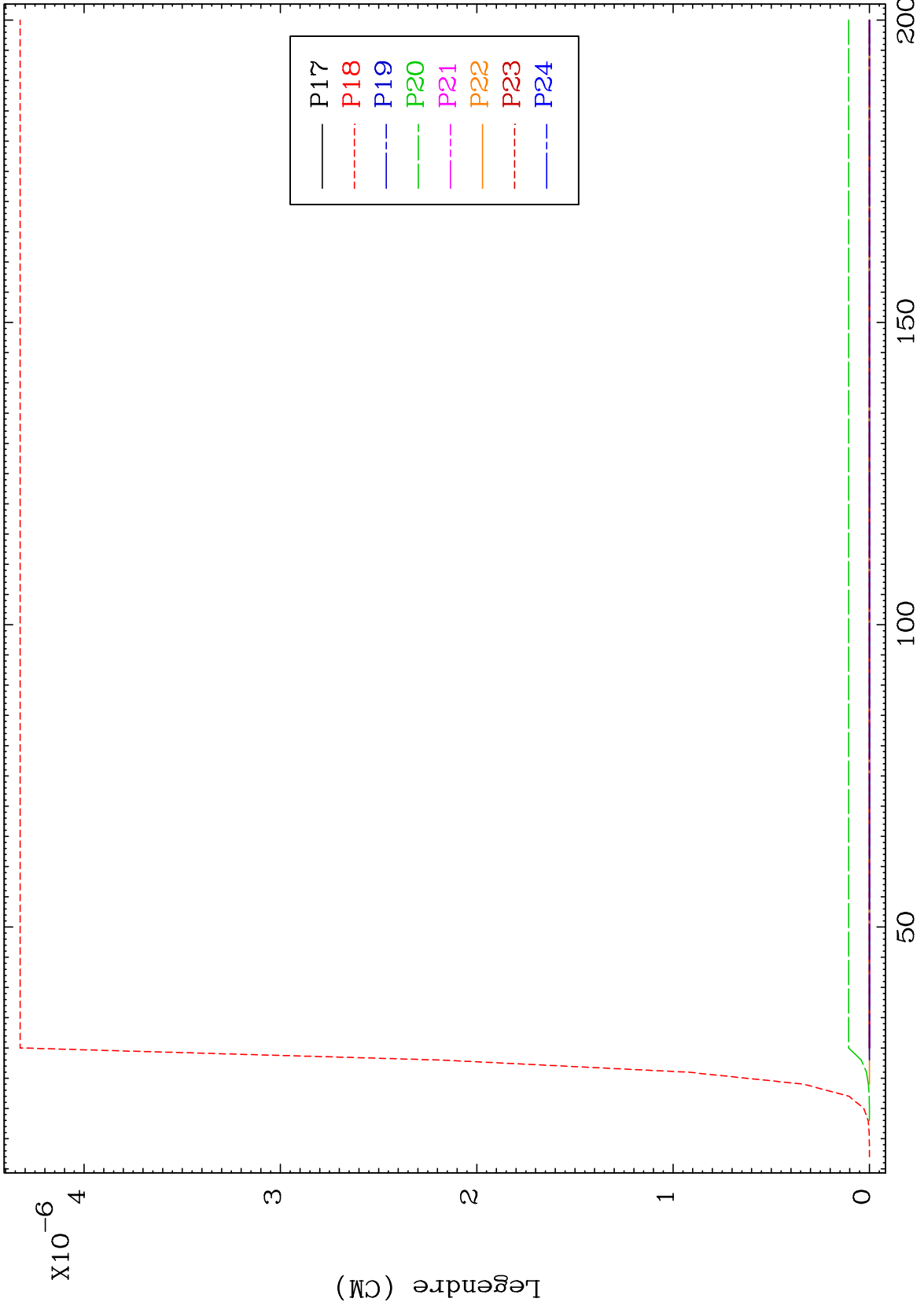
60

Incident Energy (MeV)

150

53-I -124

MAT 5316 MT= 62 (n,n') Level Legendre Coefficients 53-I -124

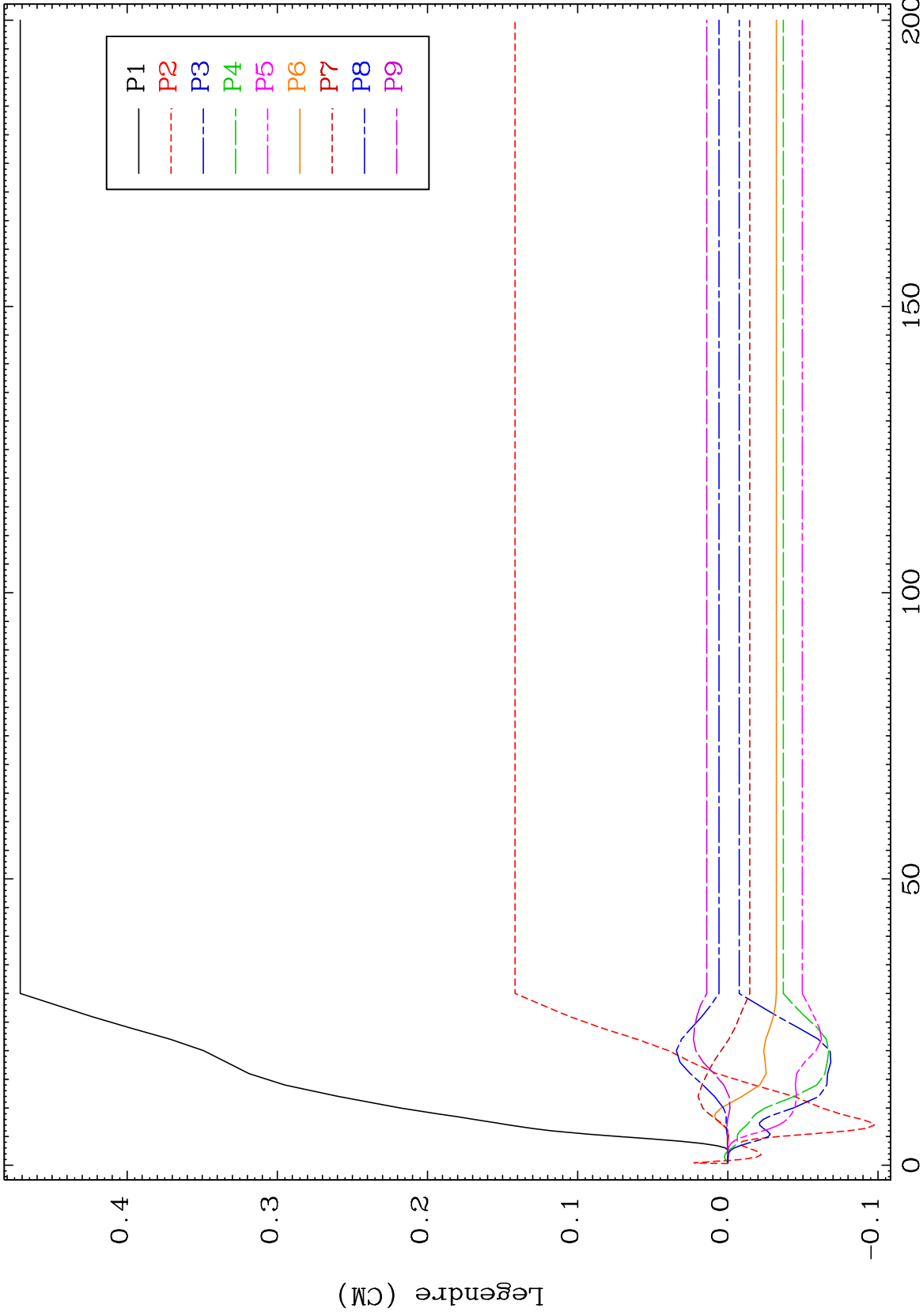


61 53-I -124

MAT 5316

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

53-I -124



62

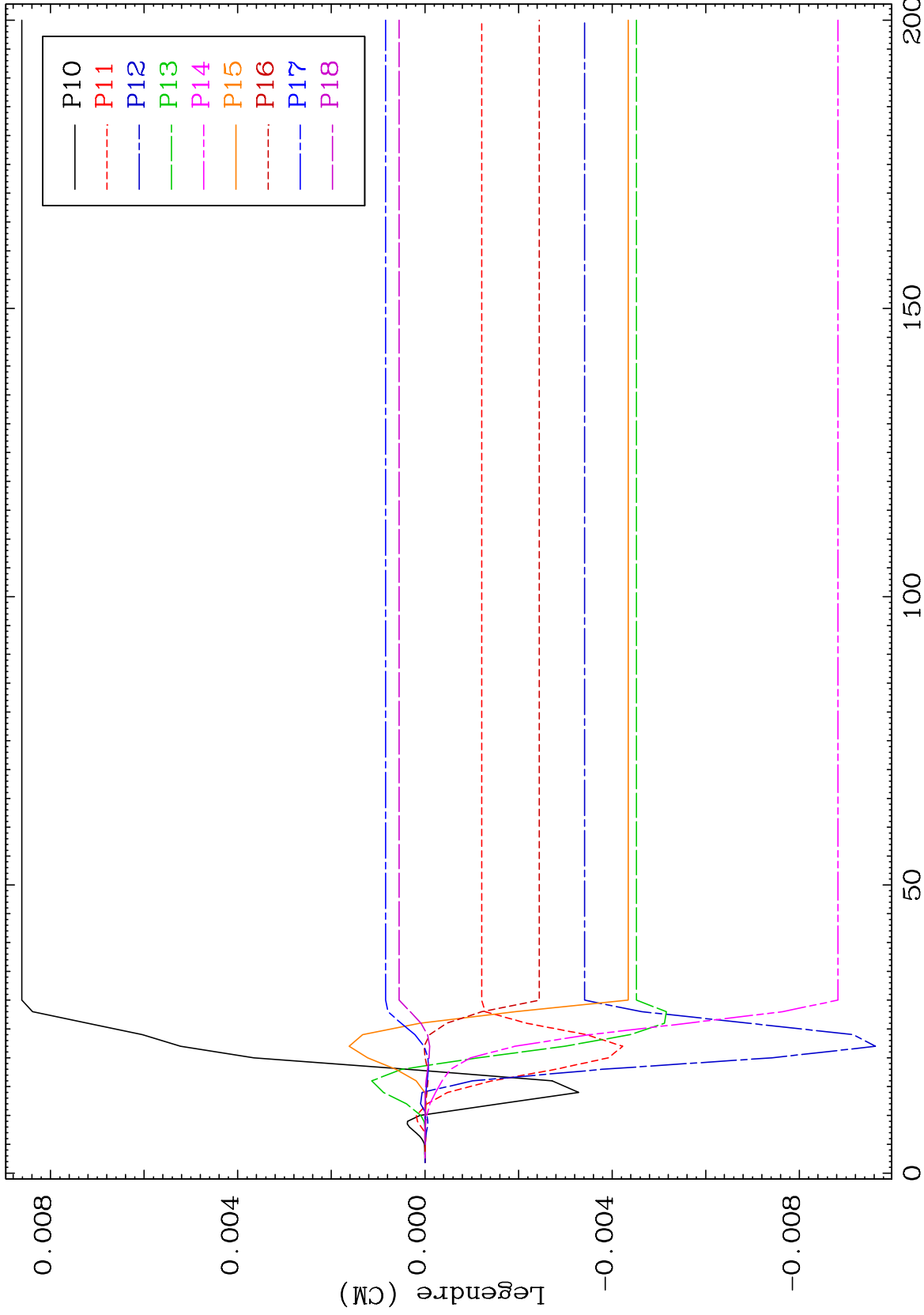
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



63

Incident Energy (MeV)

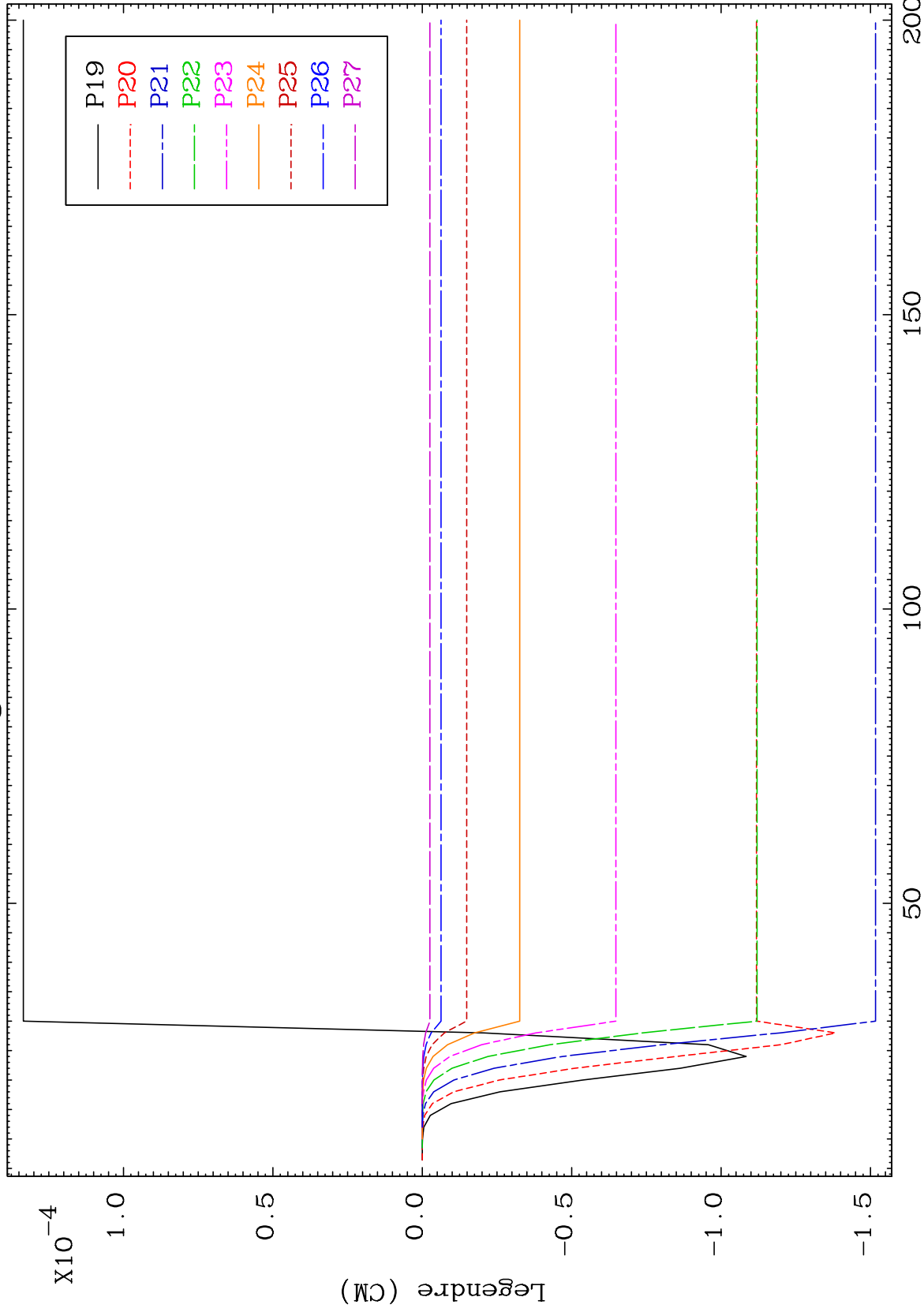
53-I -124



MAT 5316

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

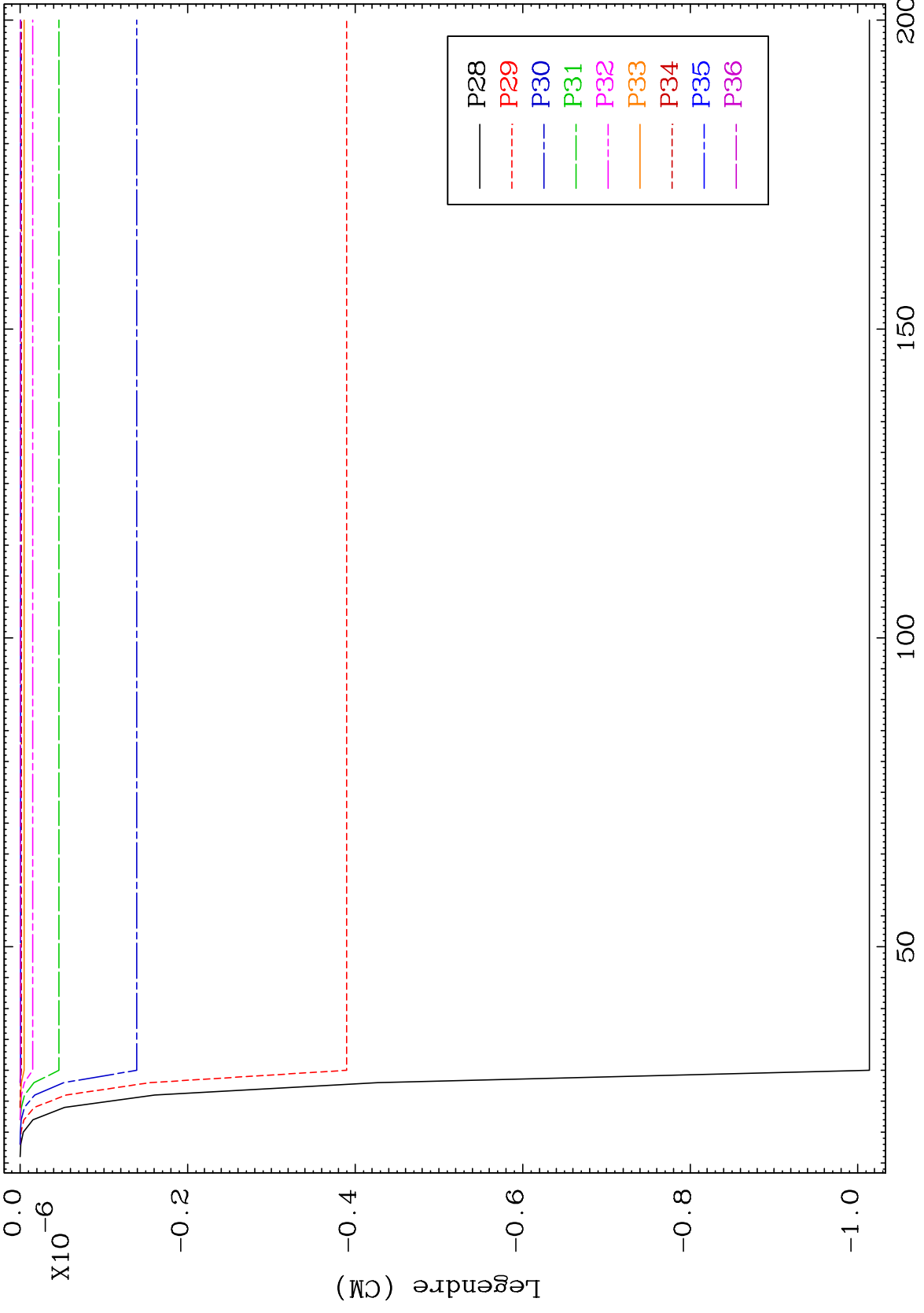
53-I -124



64

53-I -124

MAT 5316 MT= 63 (n,n') Level Legendre Coefficients 53-I -124

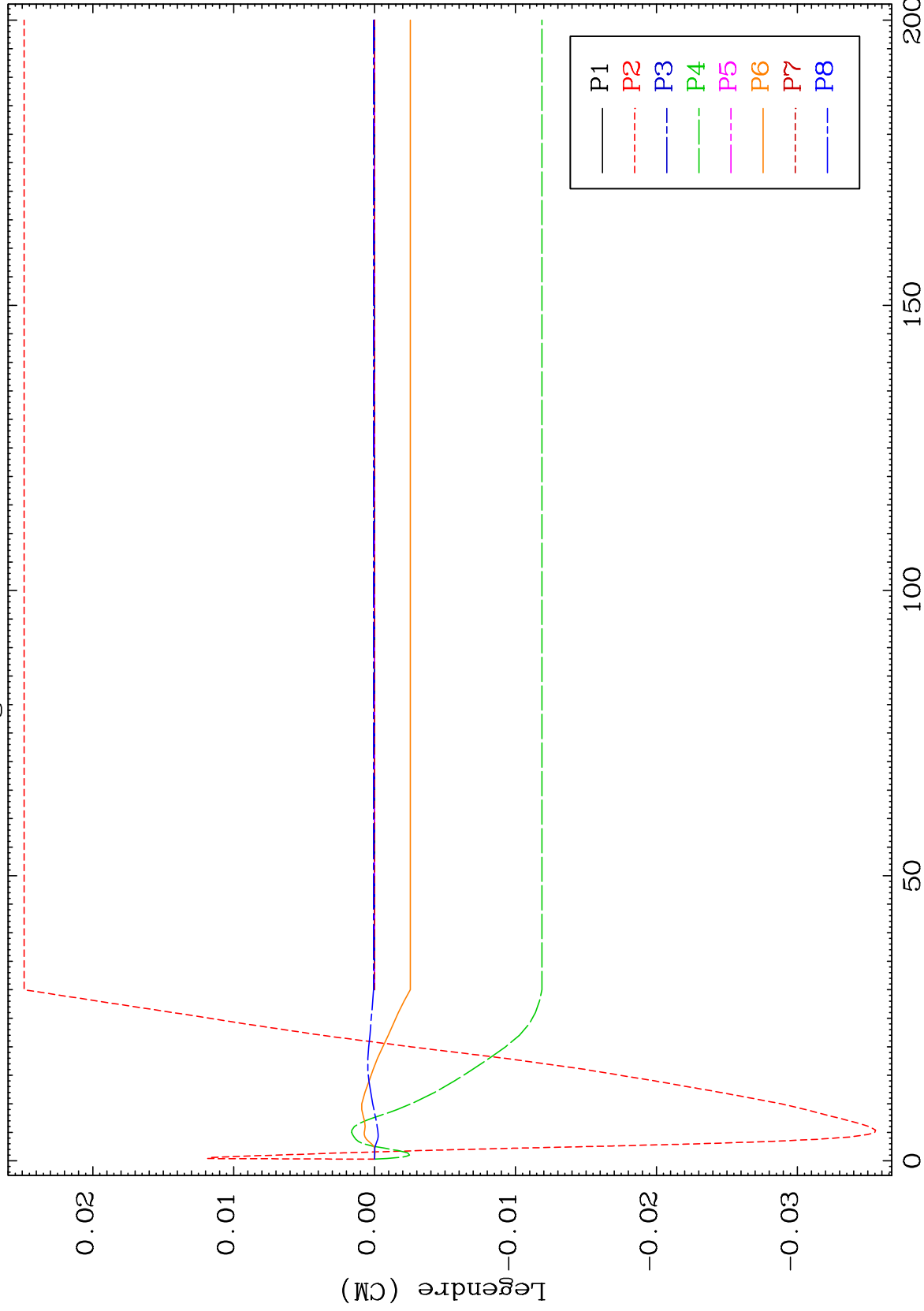


65 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124



66

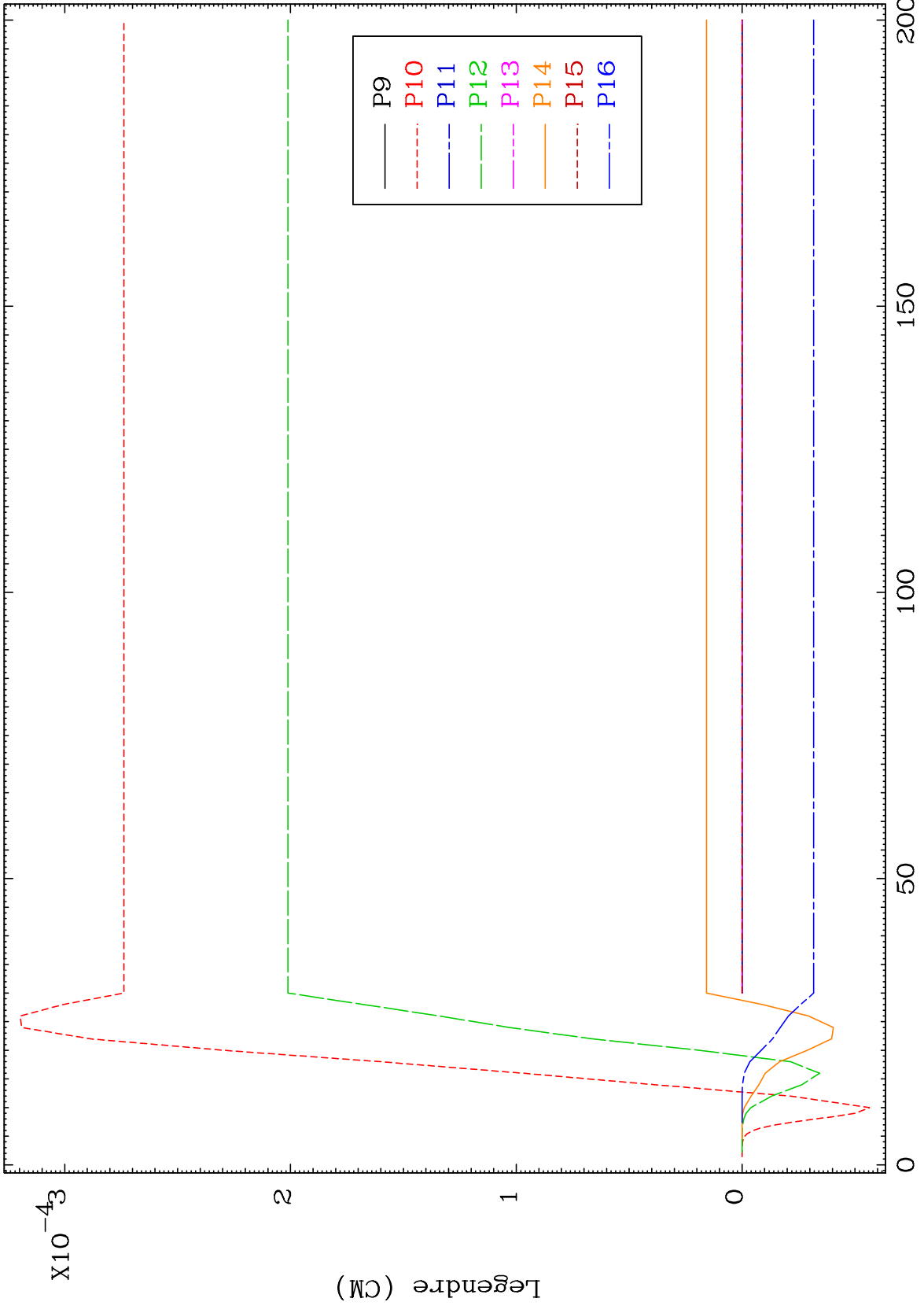
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



67

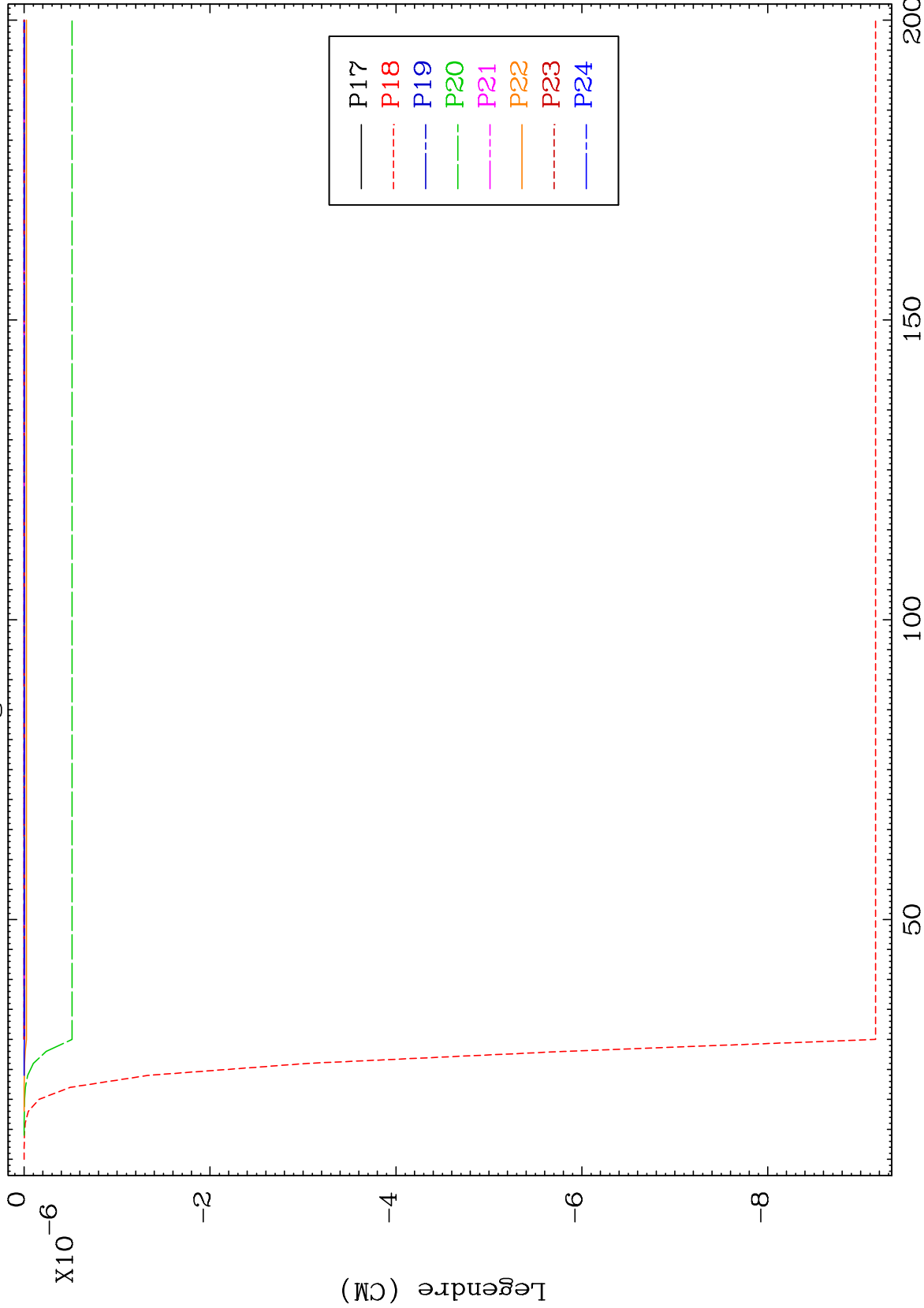
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



68

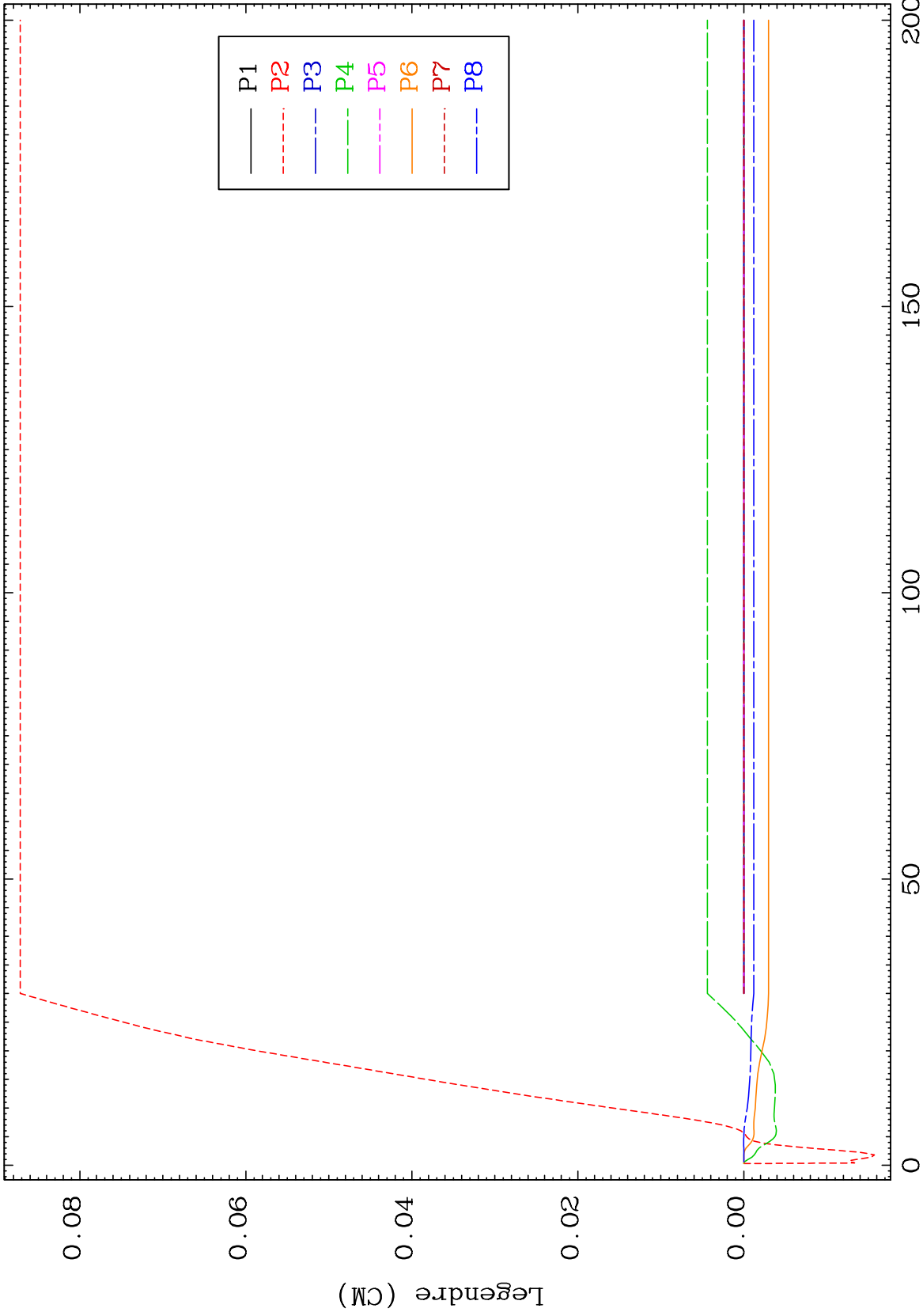
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



69

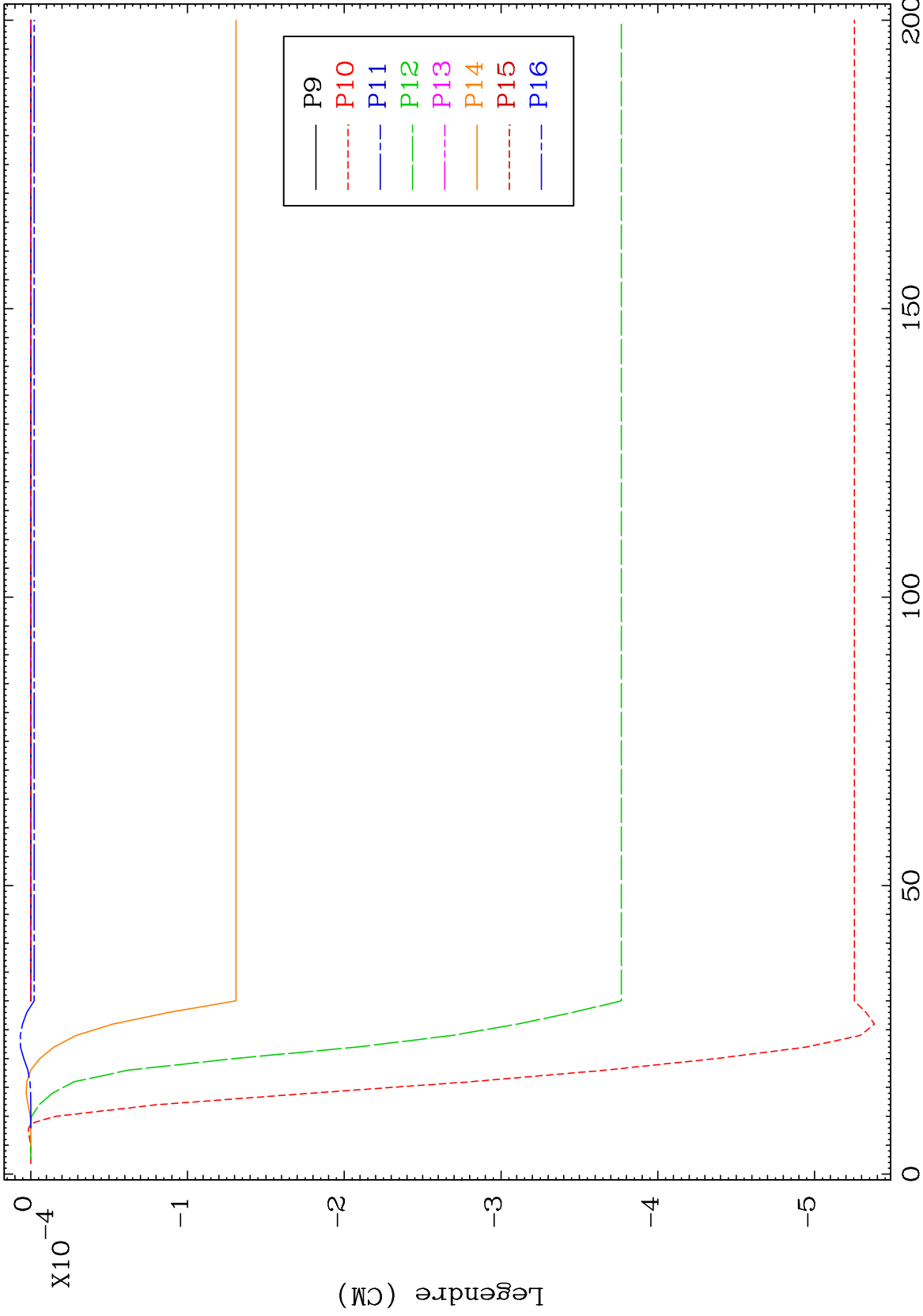
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124

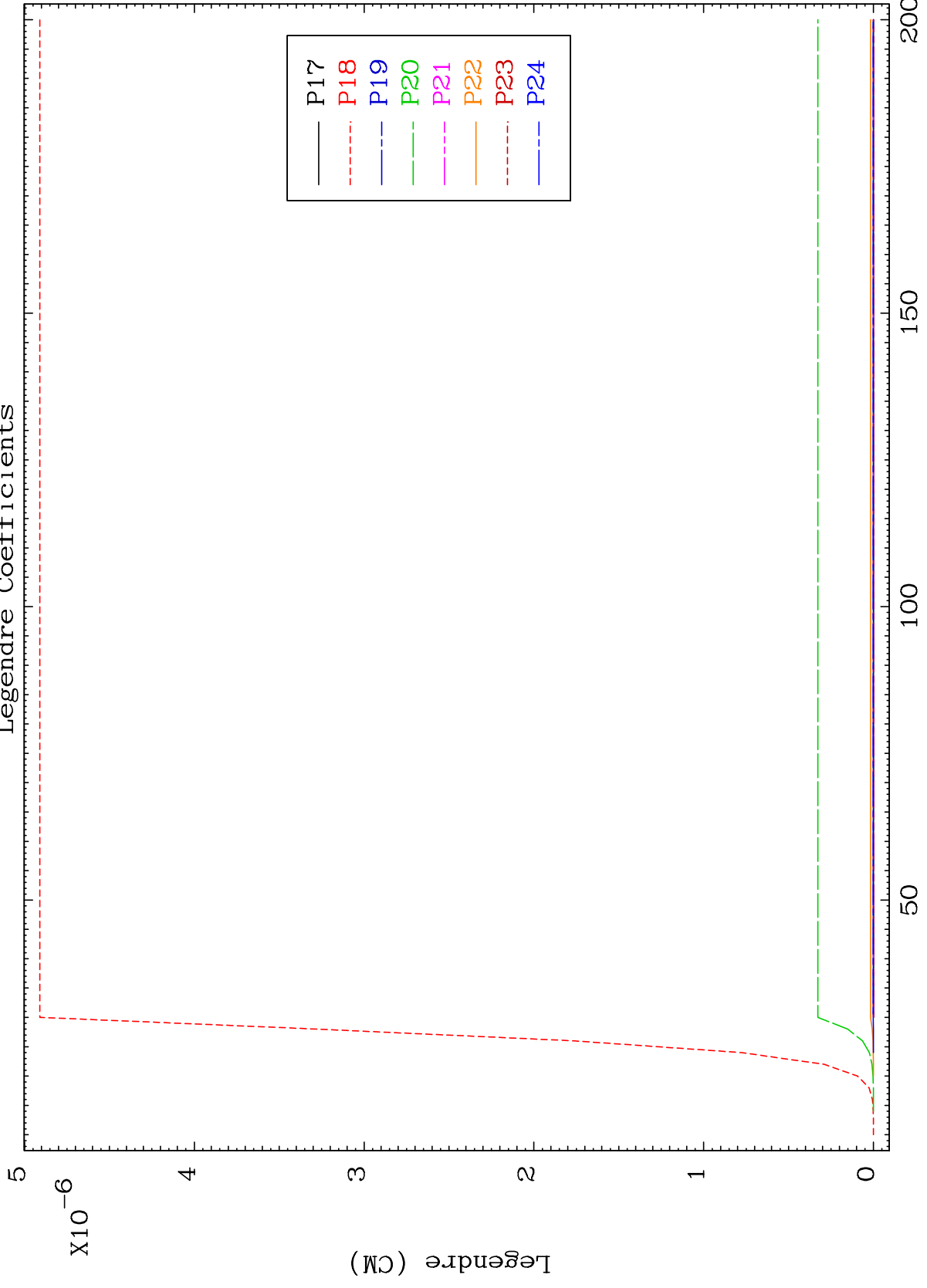


70

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 65 (n,n') Level Legendre Coefficients 53-I -124



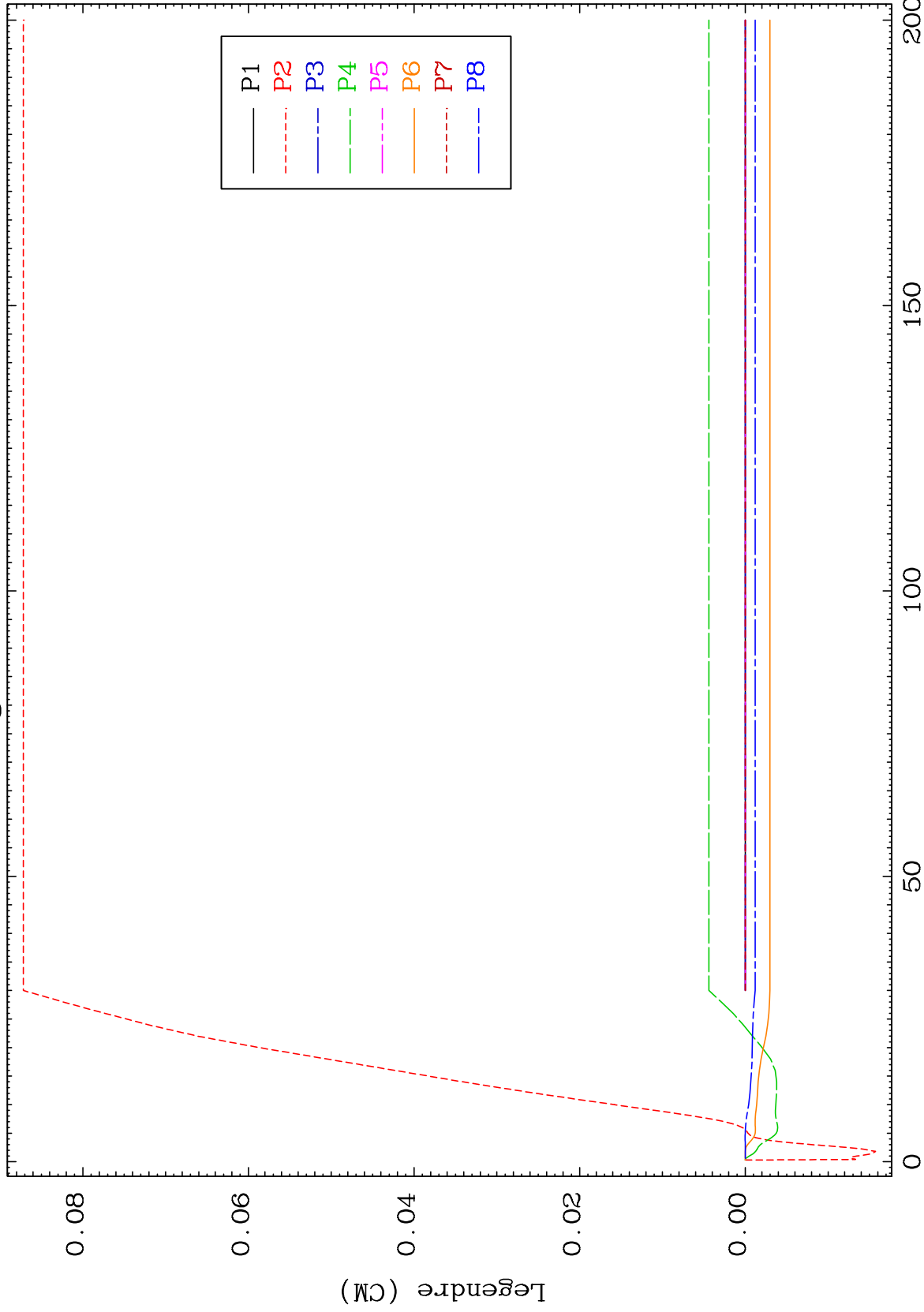
71 53-I -124



MAT 5316

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

53-I -124

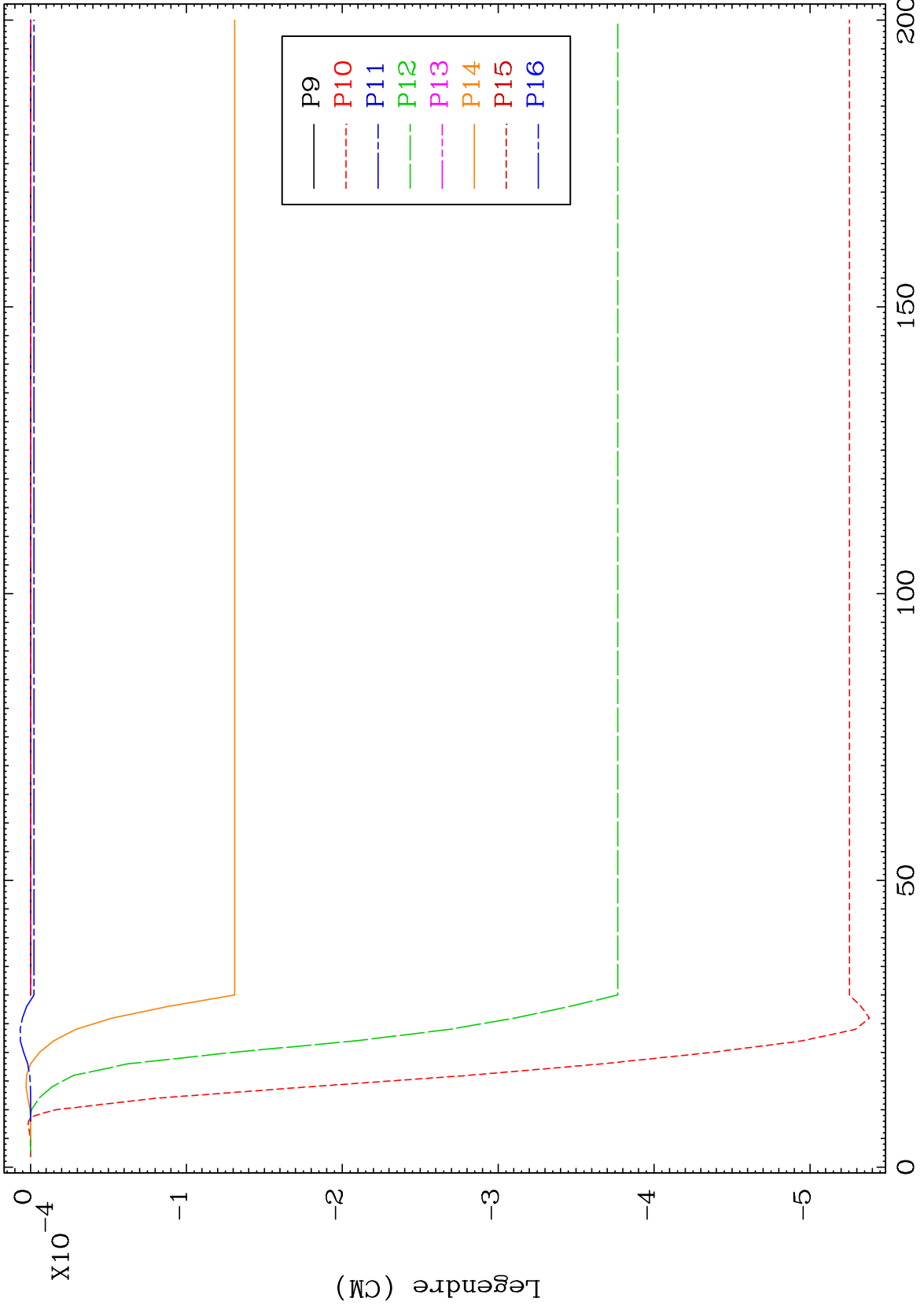


72

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 66 (n,n') Level Legendre Coefficients 53-I -124

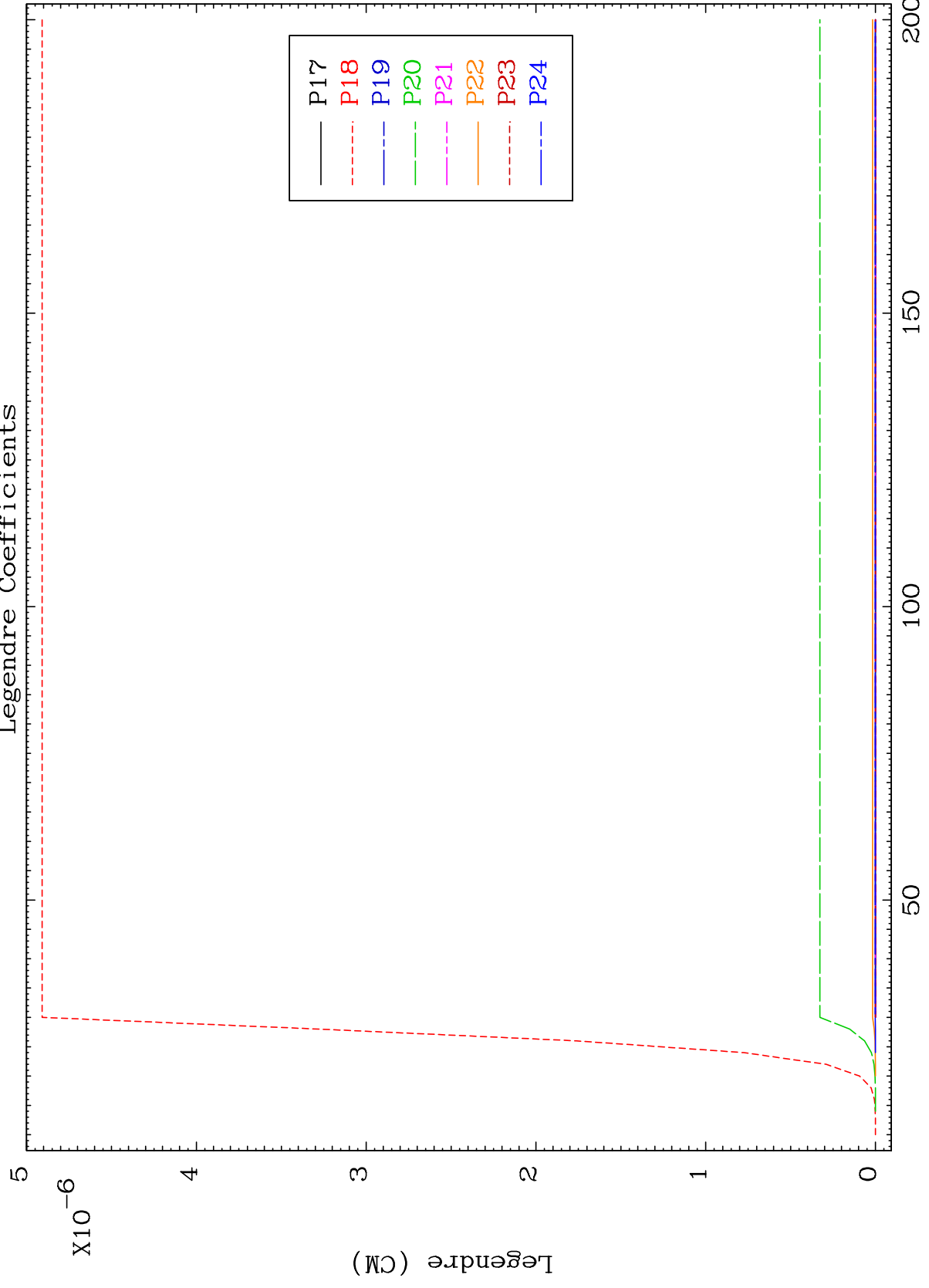


73 53-I -124

MAT 5316

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

53-I -124



53-I -124

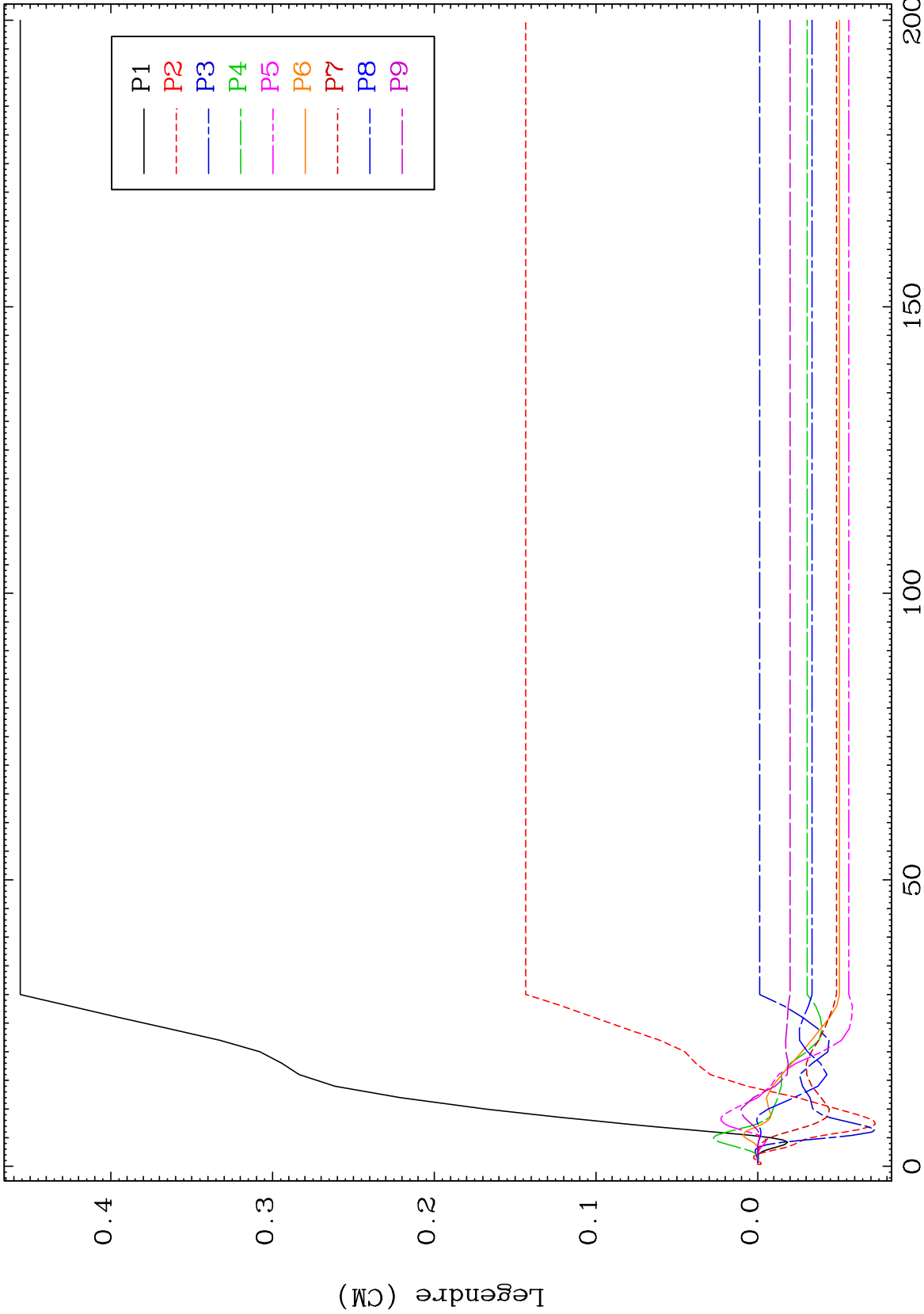
Incident Energy (MeV)

74

MAT 5316

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

53-I -124



75

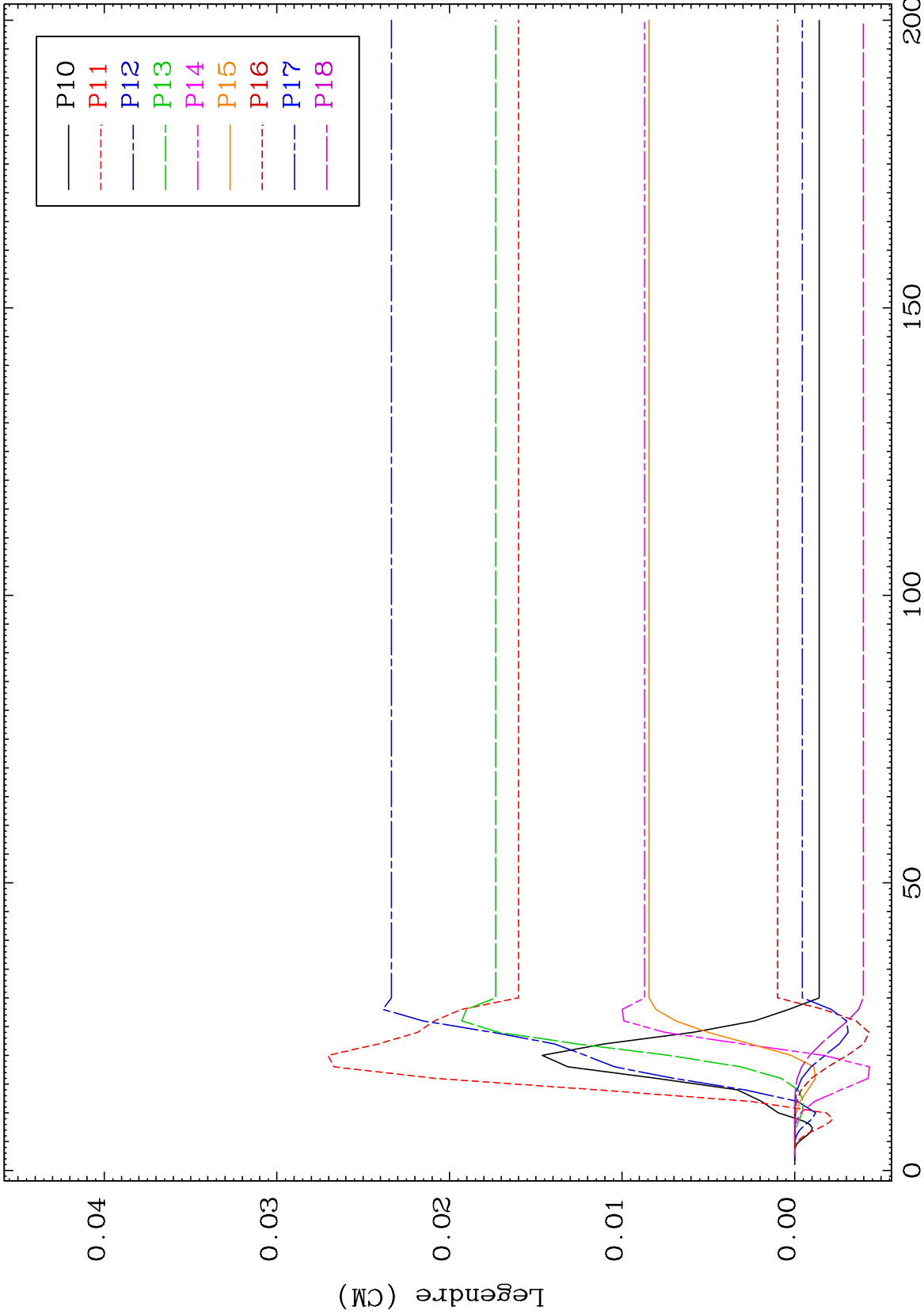
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



76

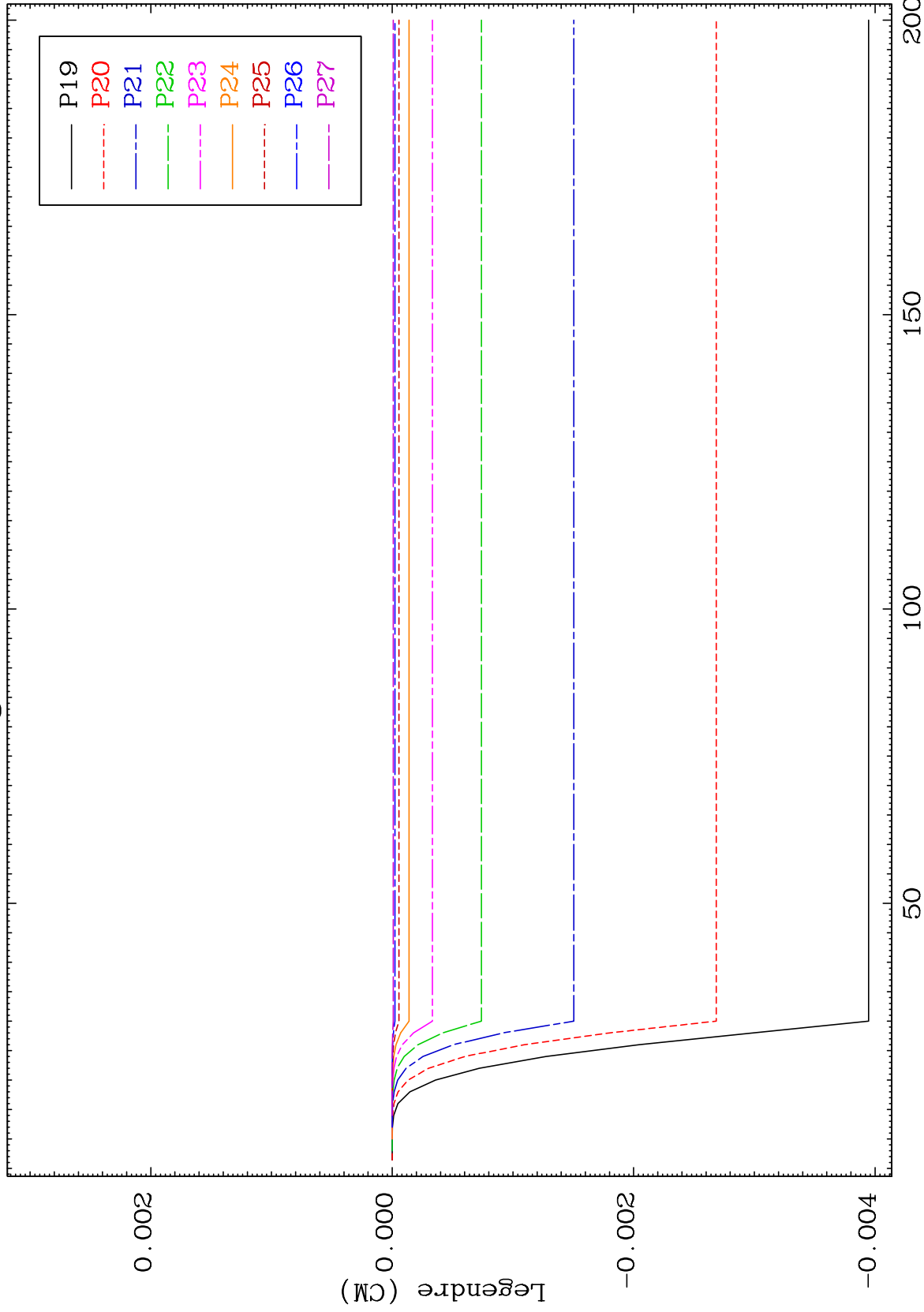
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124

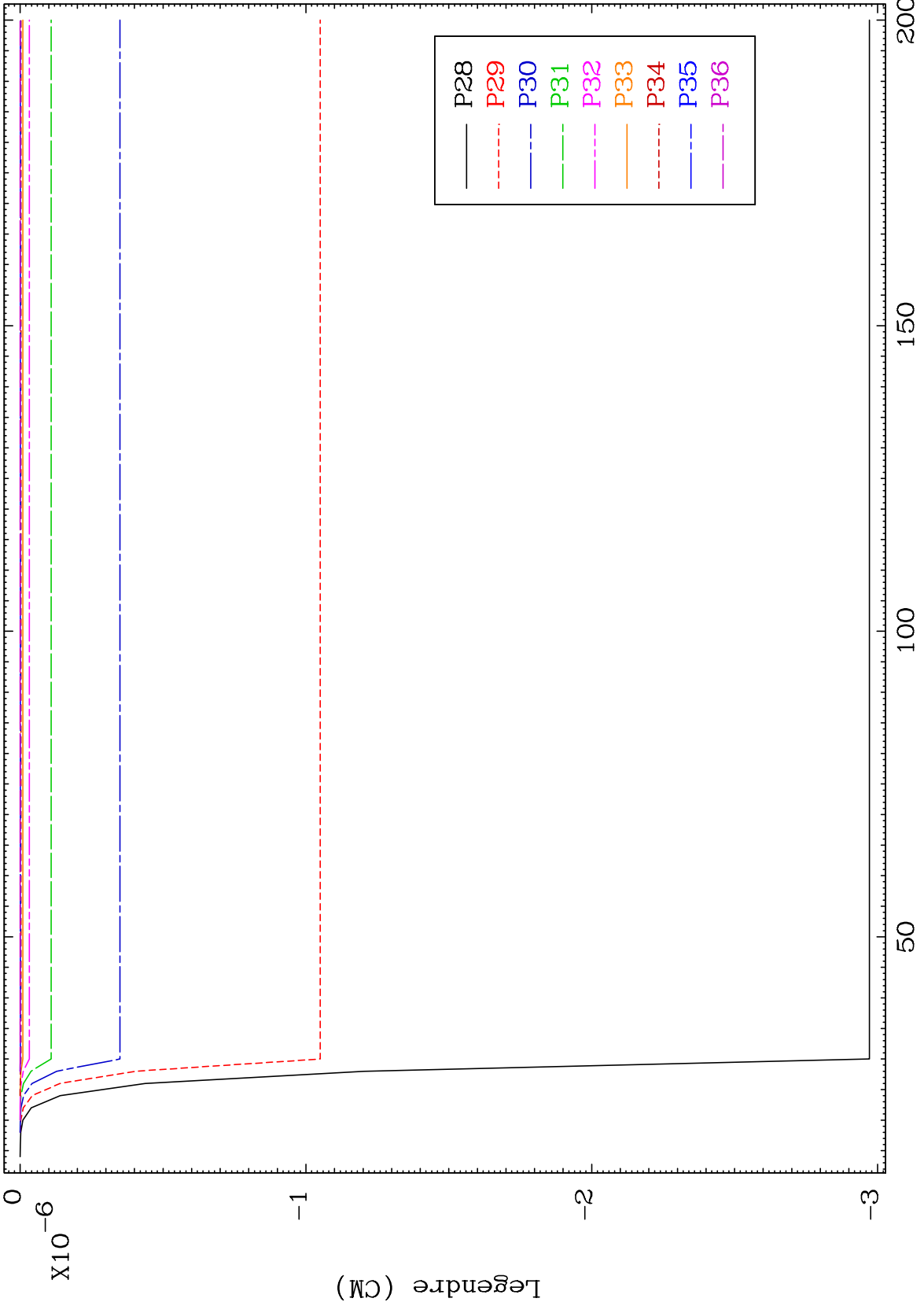


77

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 67 (n,n') Level Legendre Coefficients 53-I -124

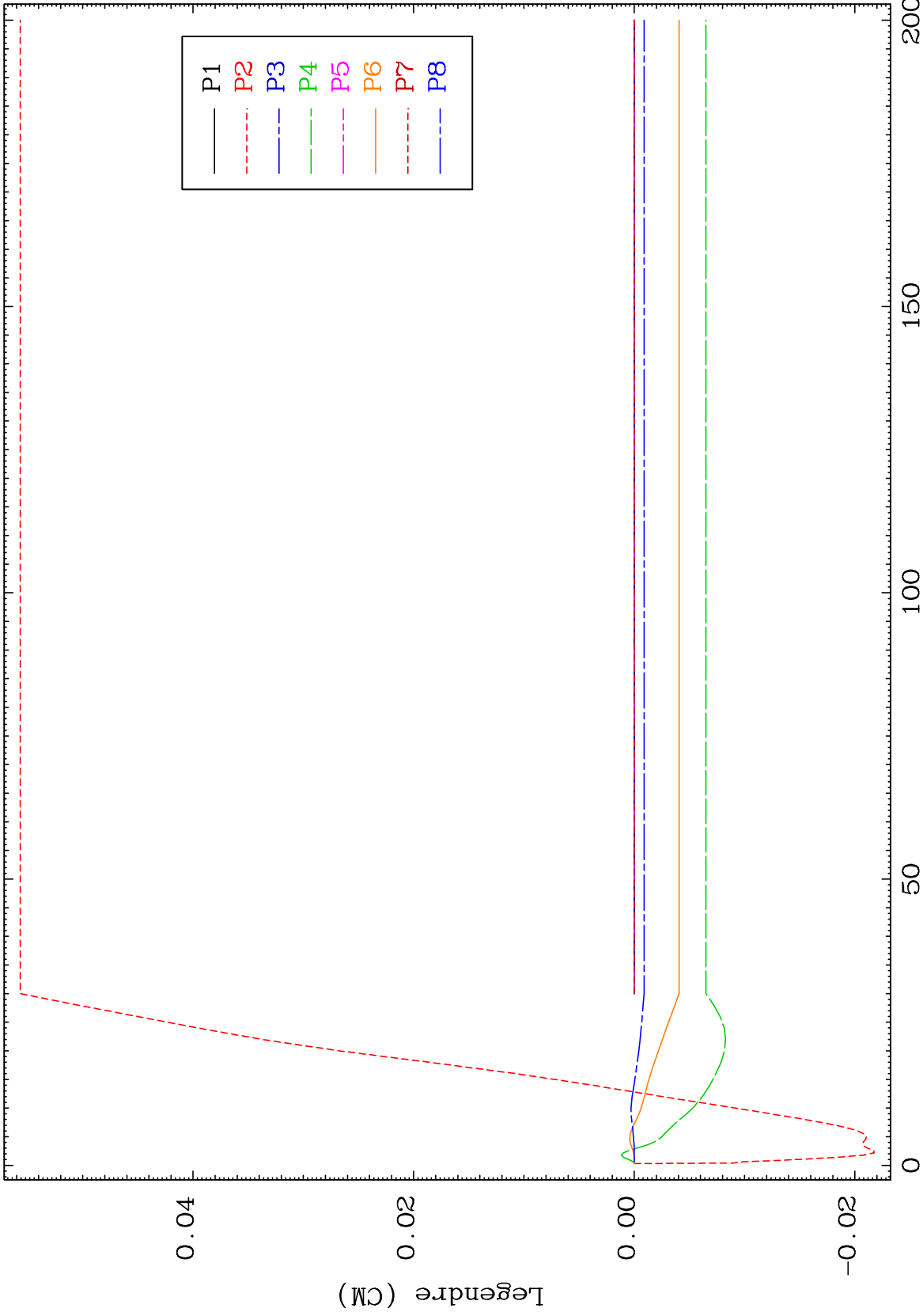


78 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124



79

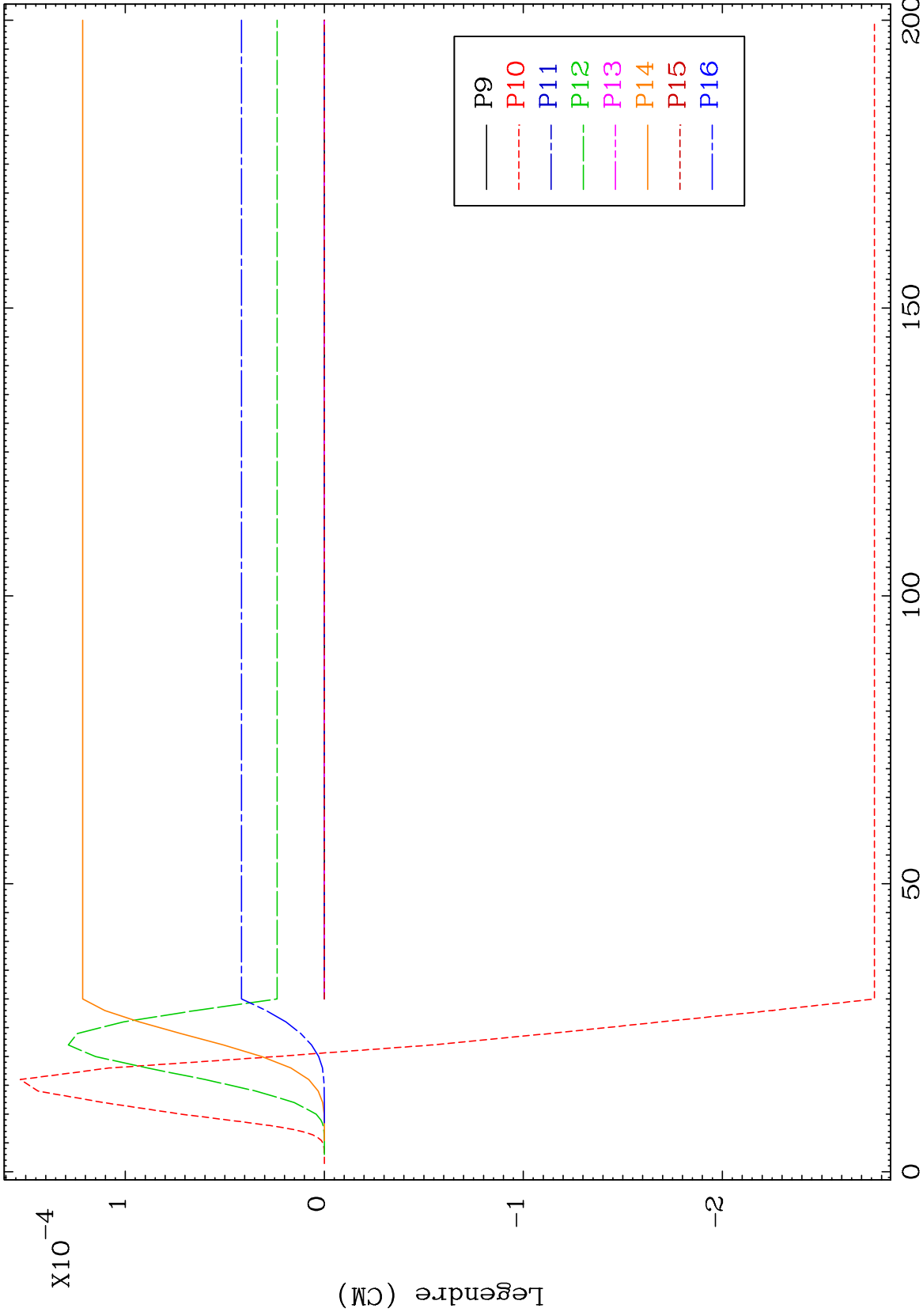
53-I -124



MAT 5316

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

53-I -124



80

Incident Energy (MeV)

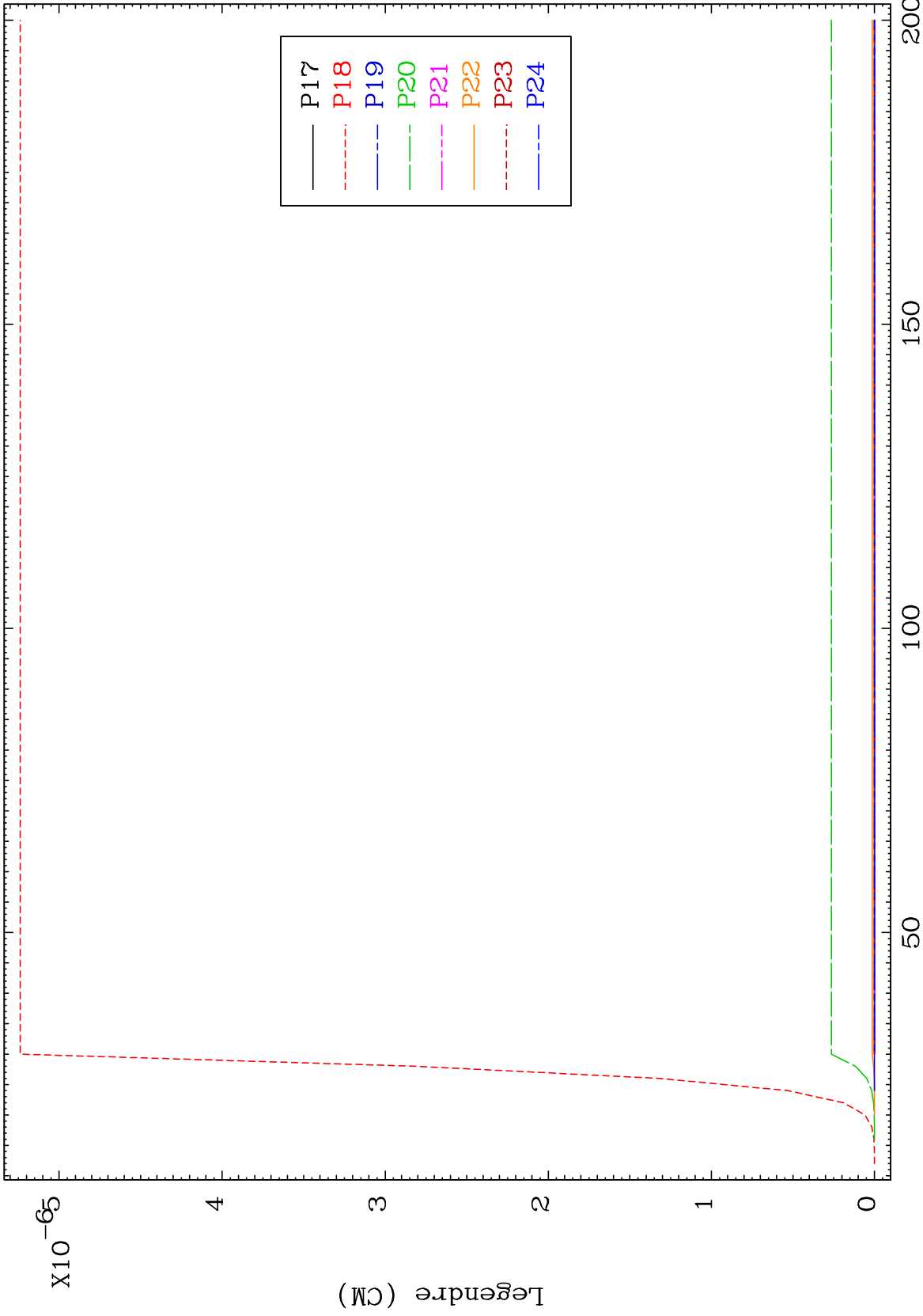
150

53-I -124

MAT 5316

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

53-I -124



81

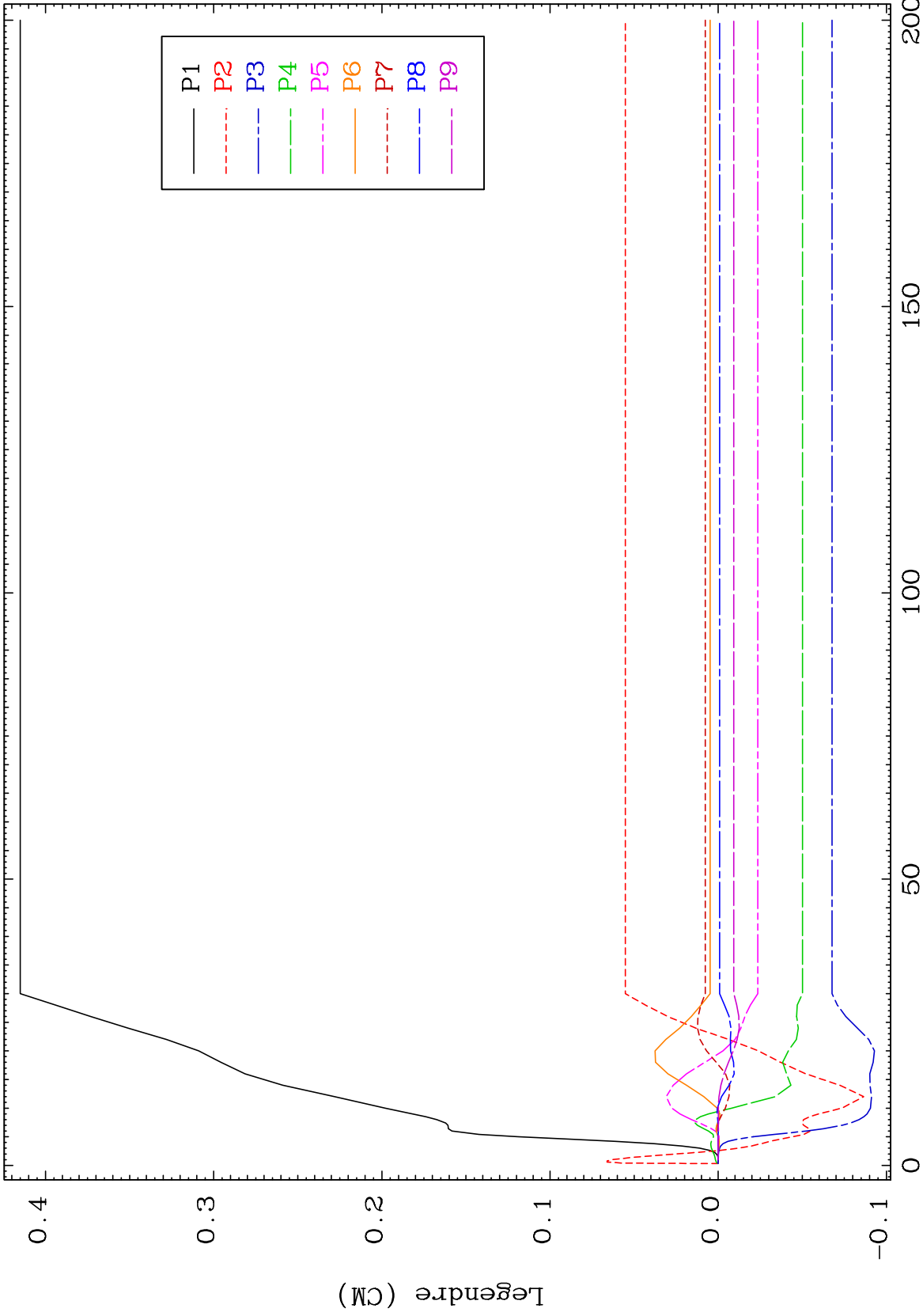
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



82

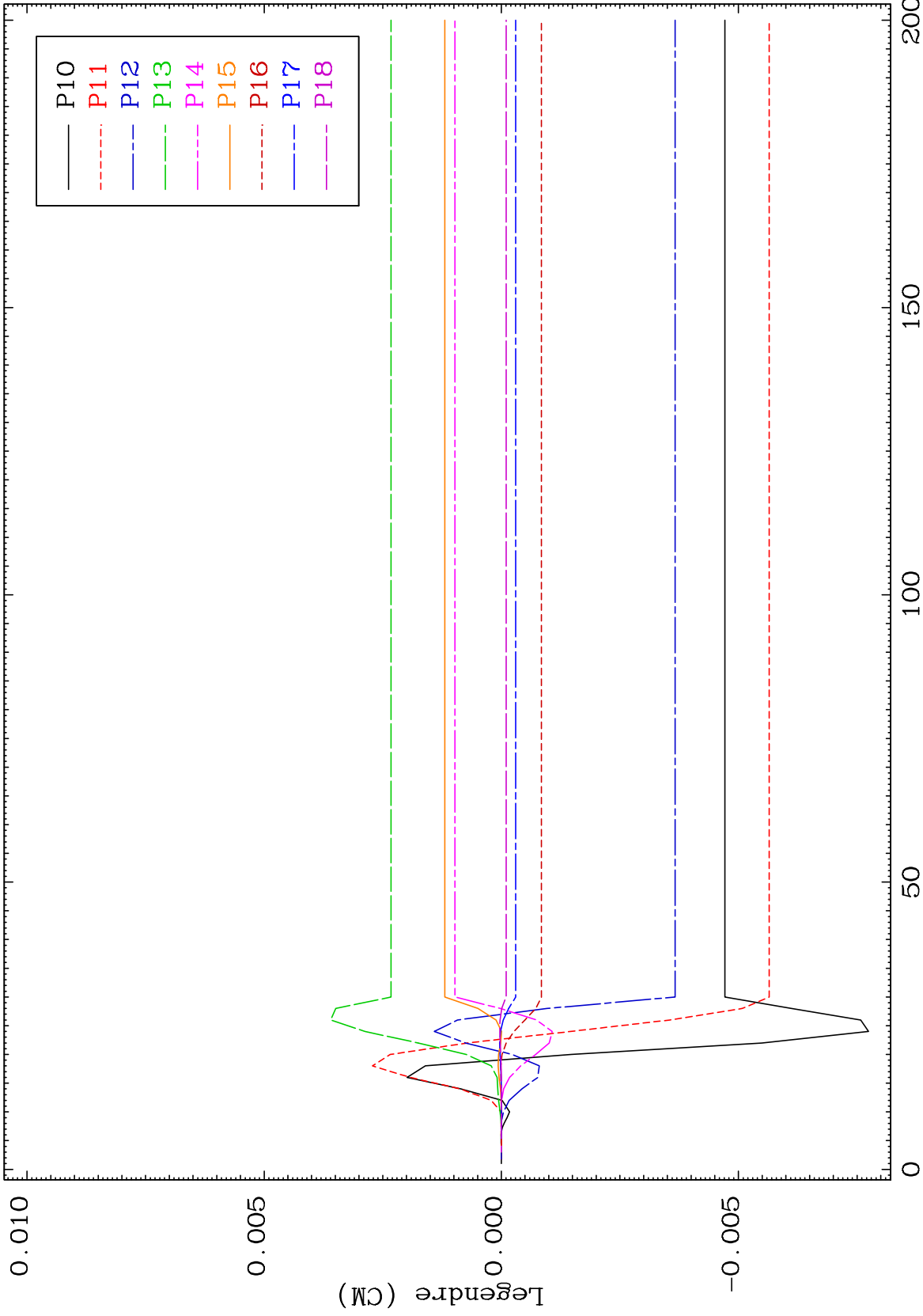
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



83

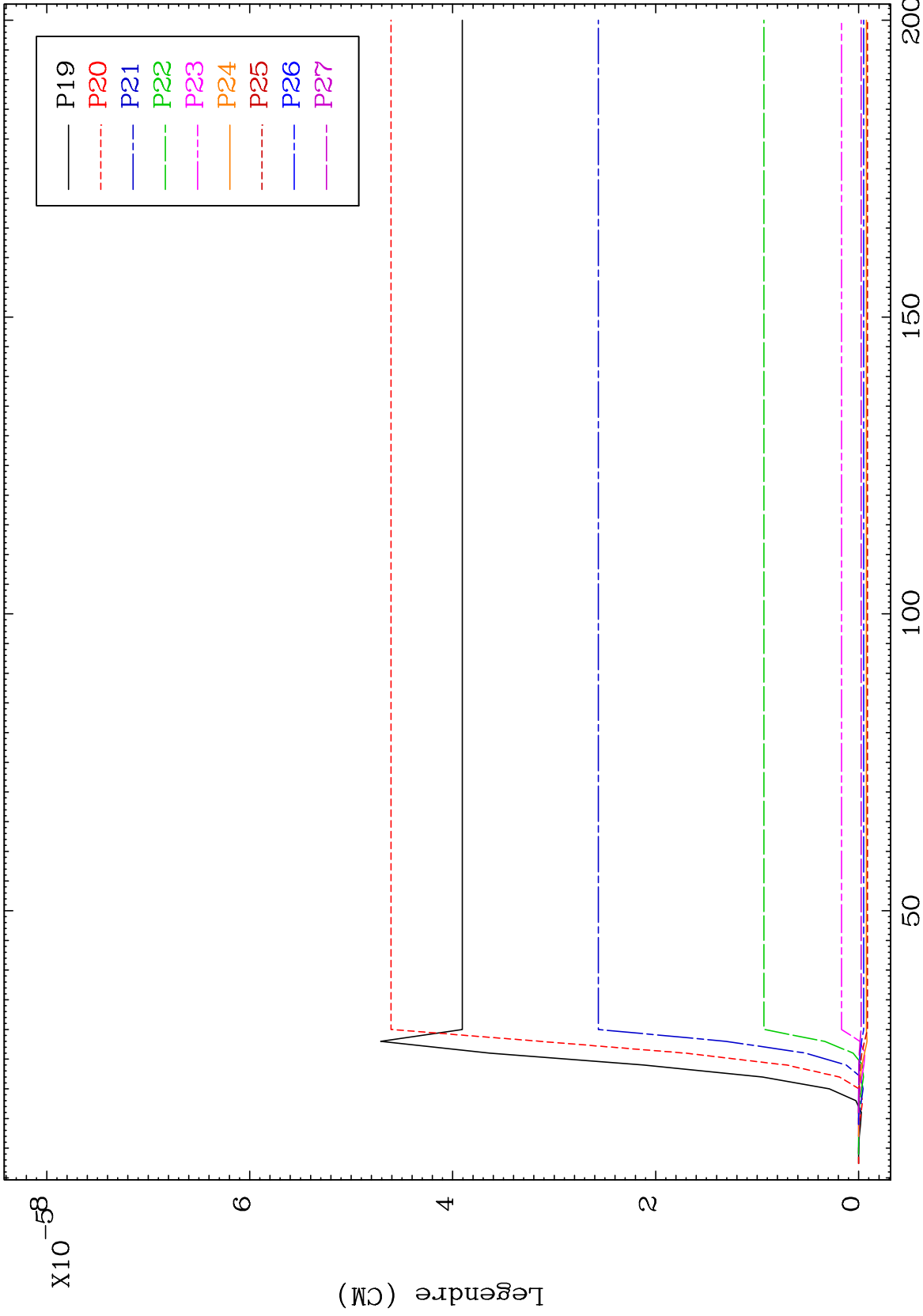
Incident Energy (MeV)

53-I -124

MAT 5316

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

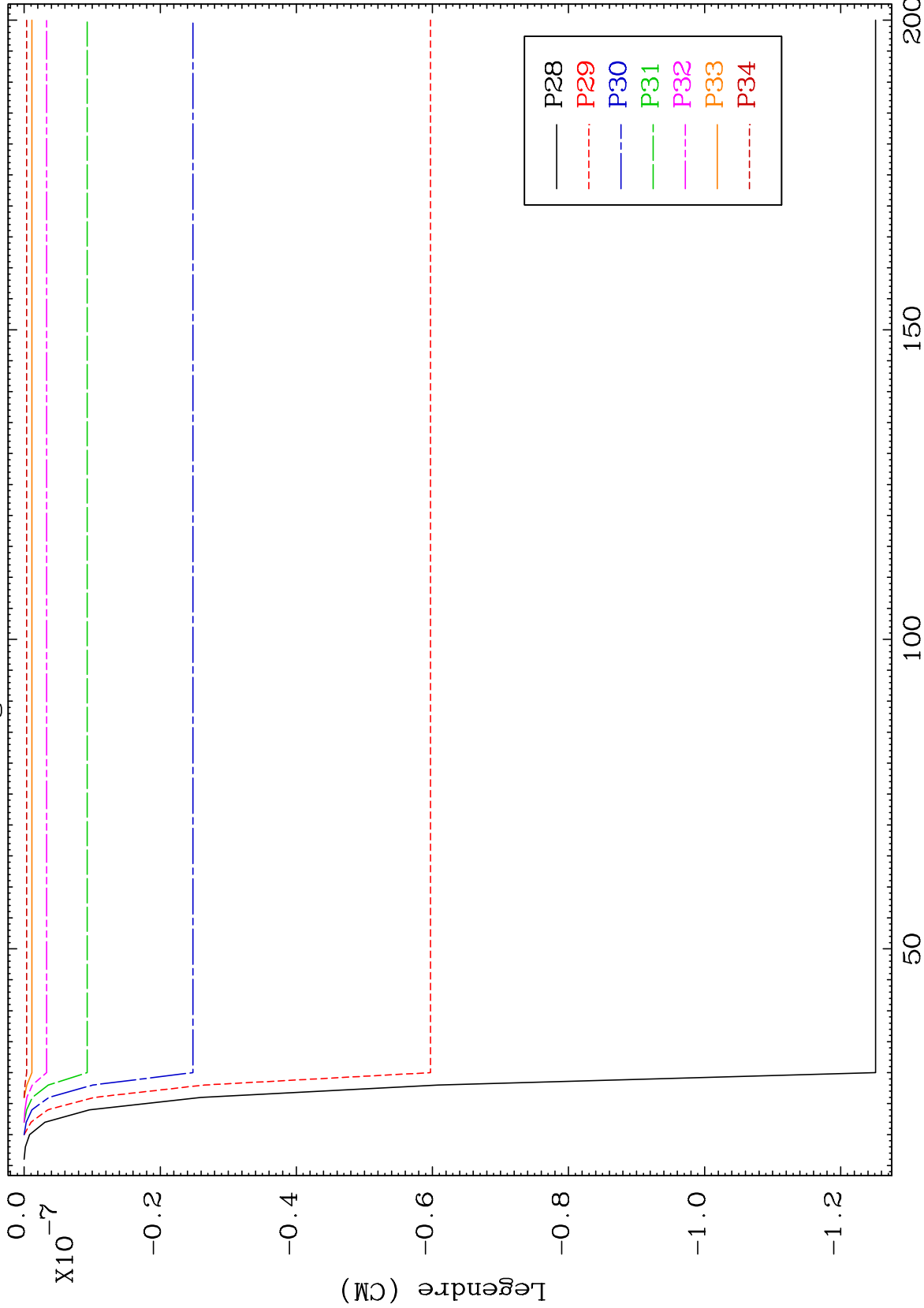
53-I -124



84

53-I -124

MAT 5316 MT= 69 (n,n') Level Legendre Coefficients 53-I -124

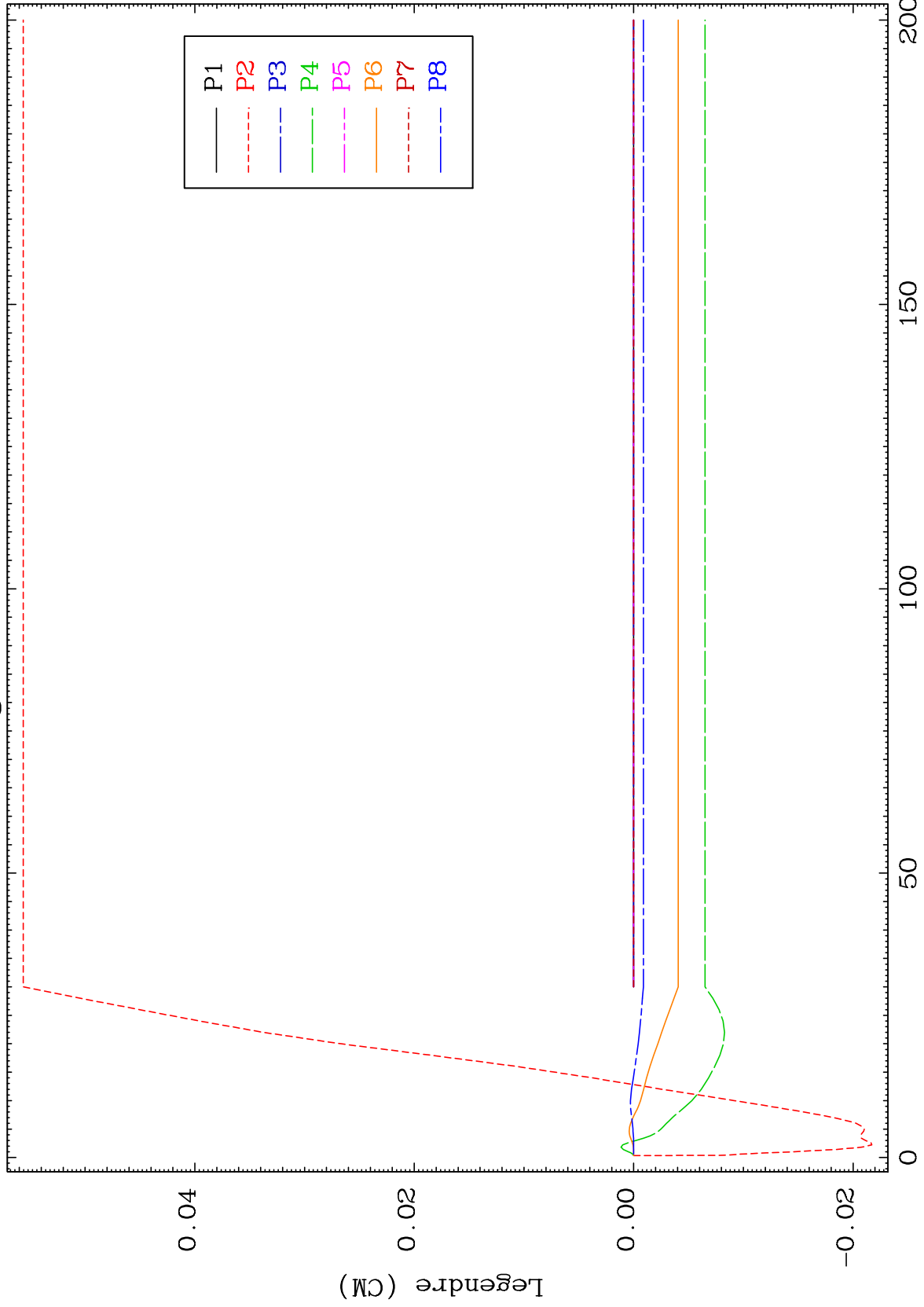


85 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124



86

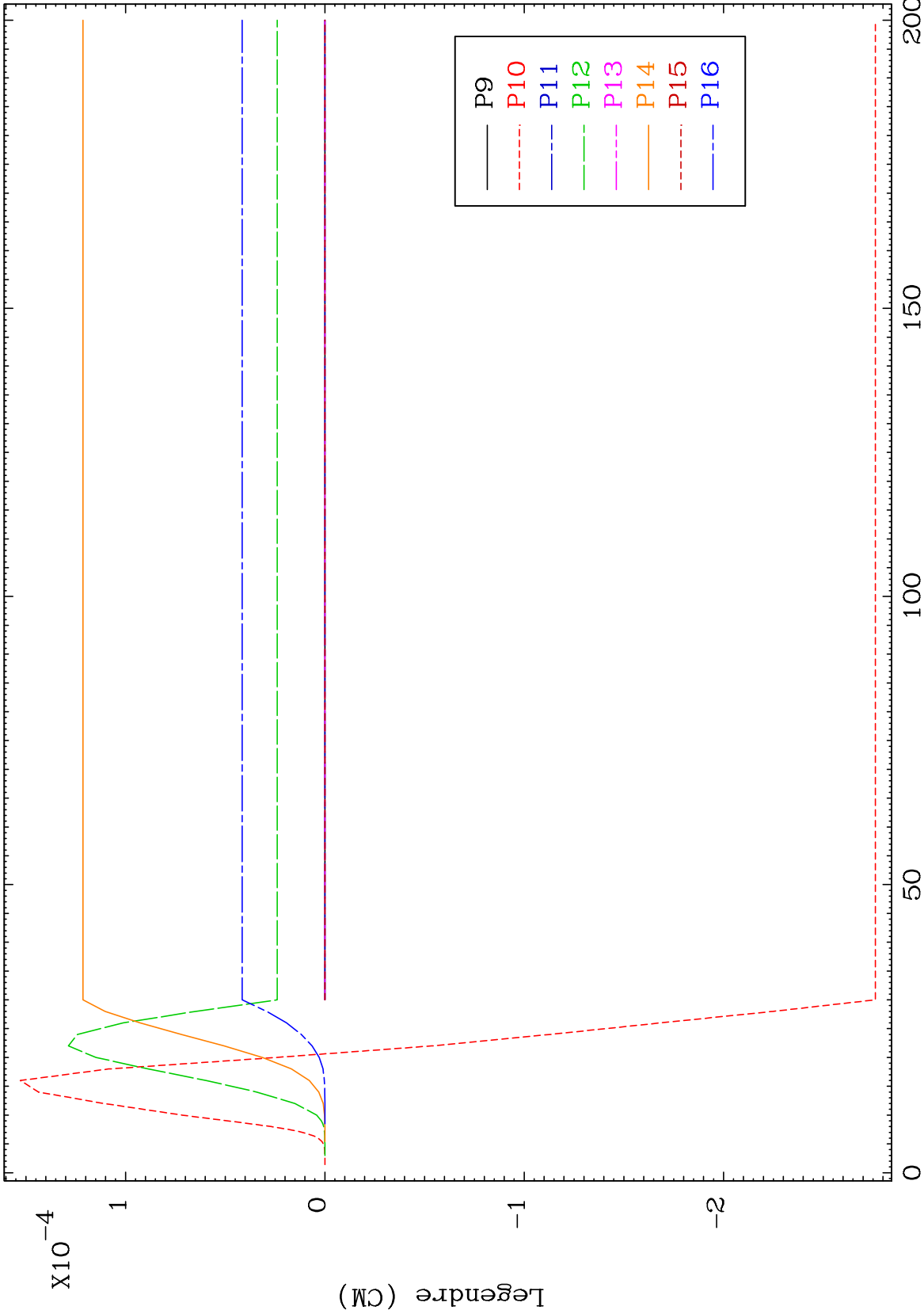
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



87

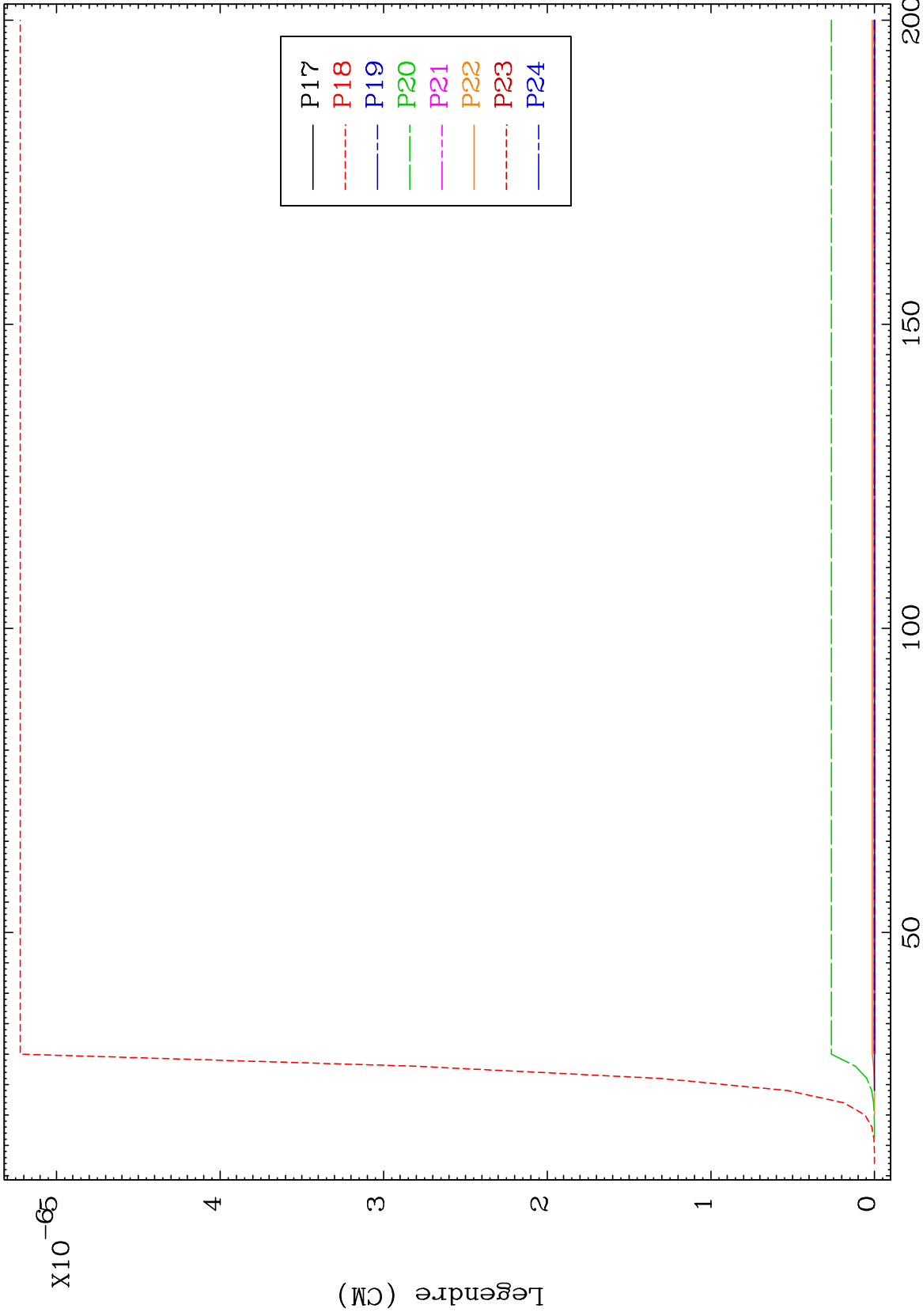
53-I -124



MAT 5316

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

53-I -124



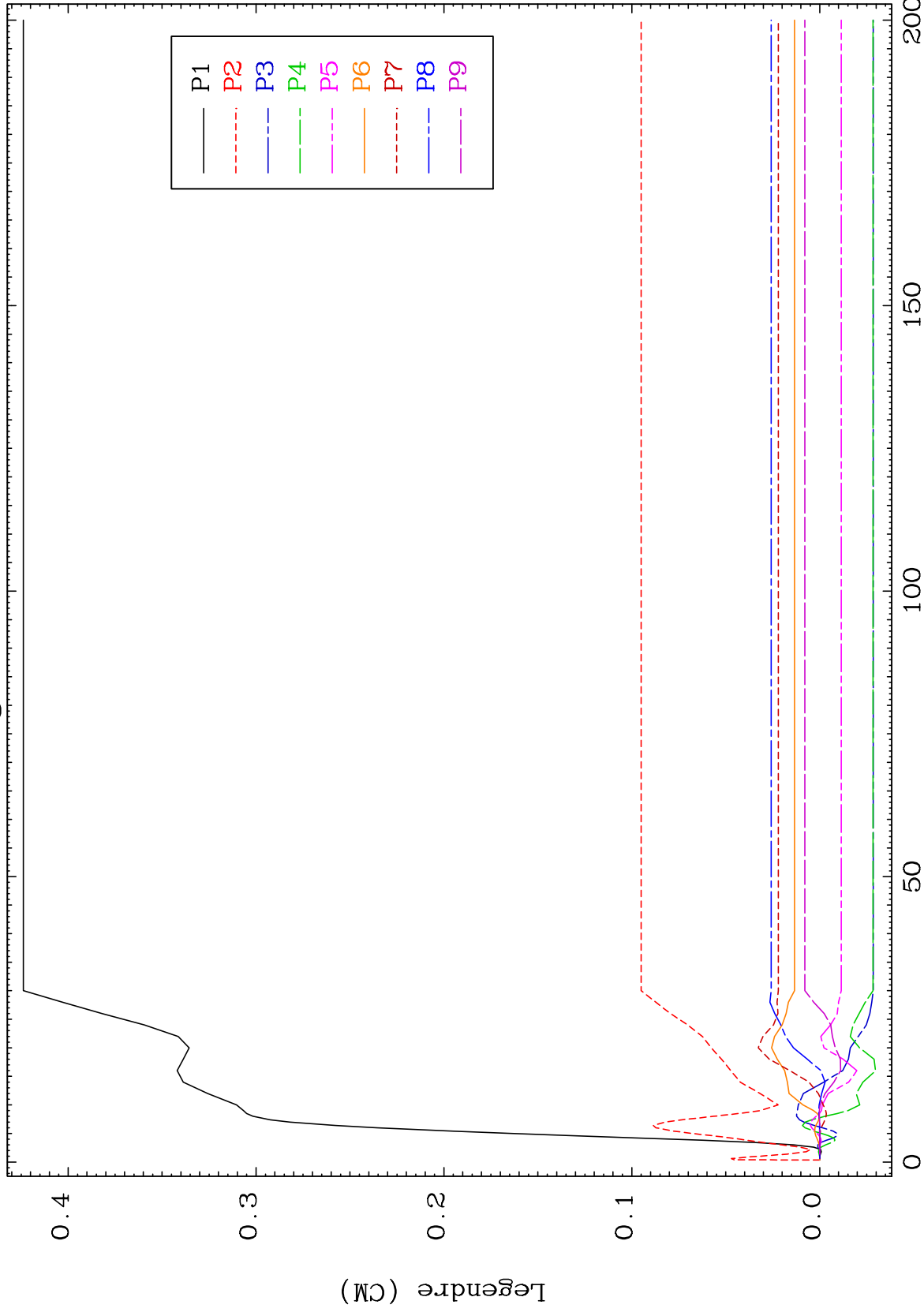
88

53-I -124

MAT 5316

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

53-I -124

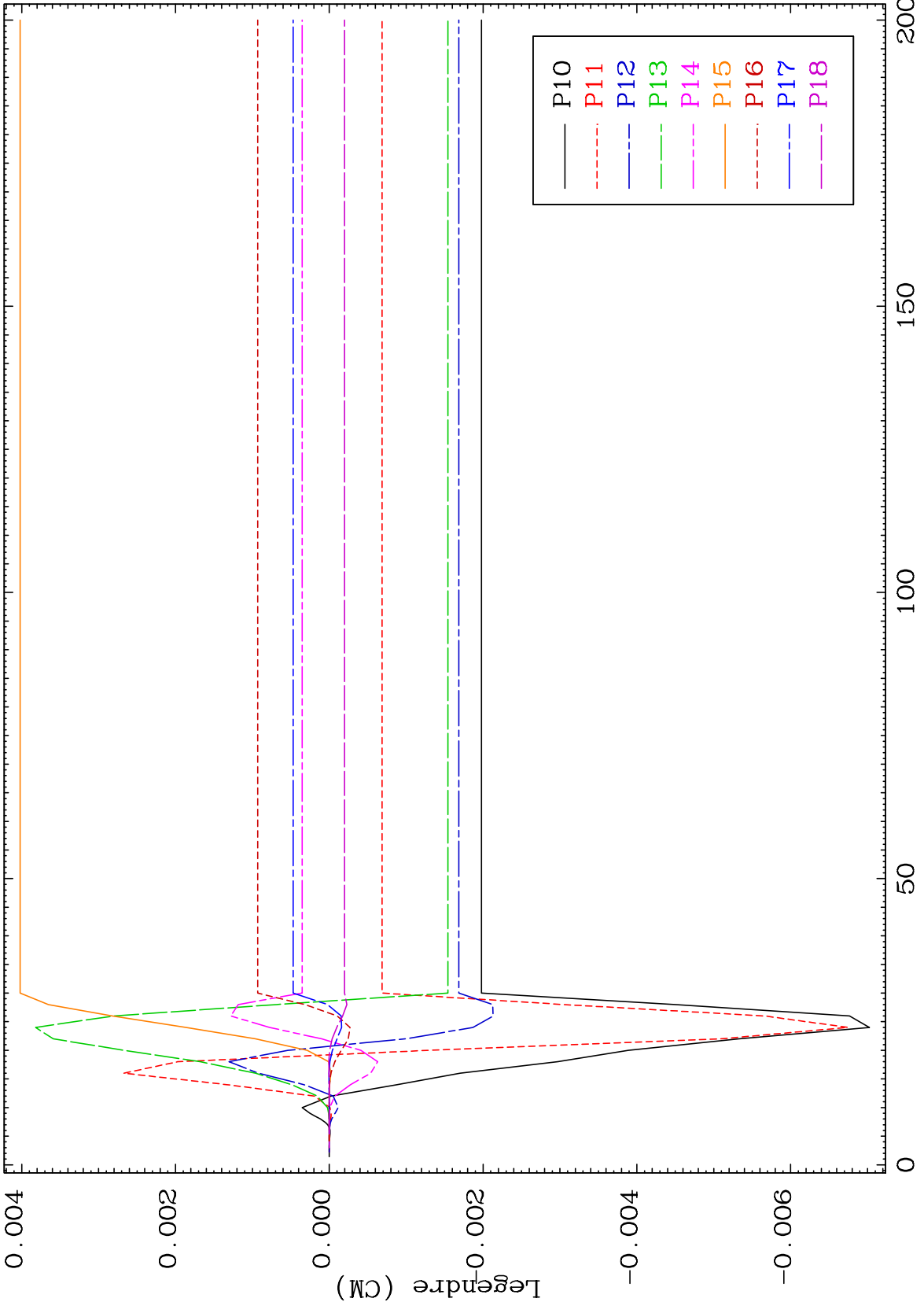


89

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 71 (n,n') Level Legendre Coefficients 53-I -124

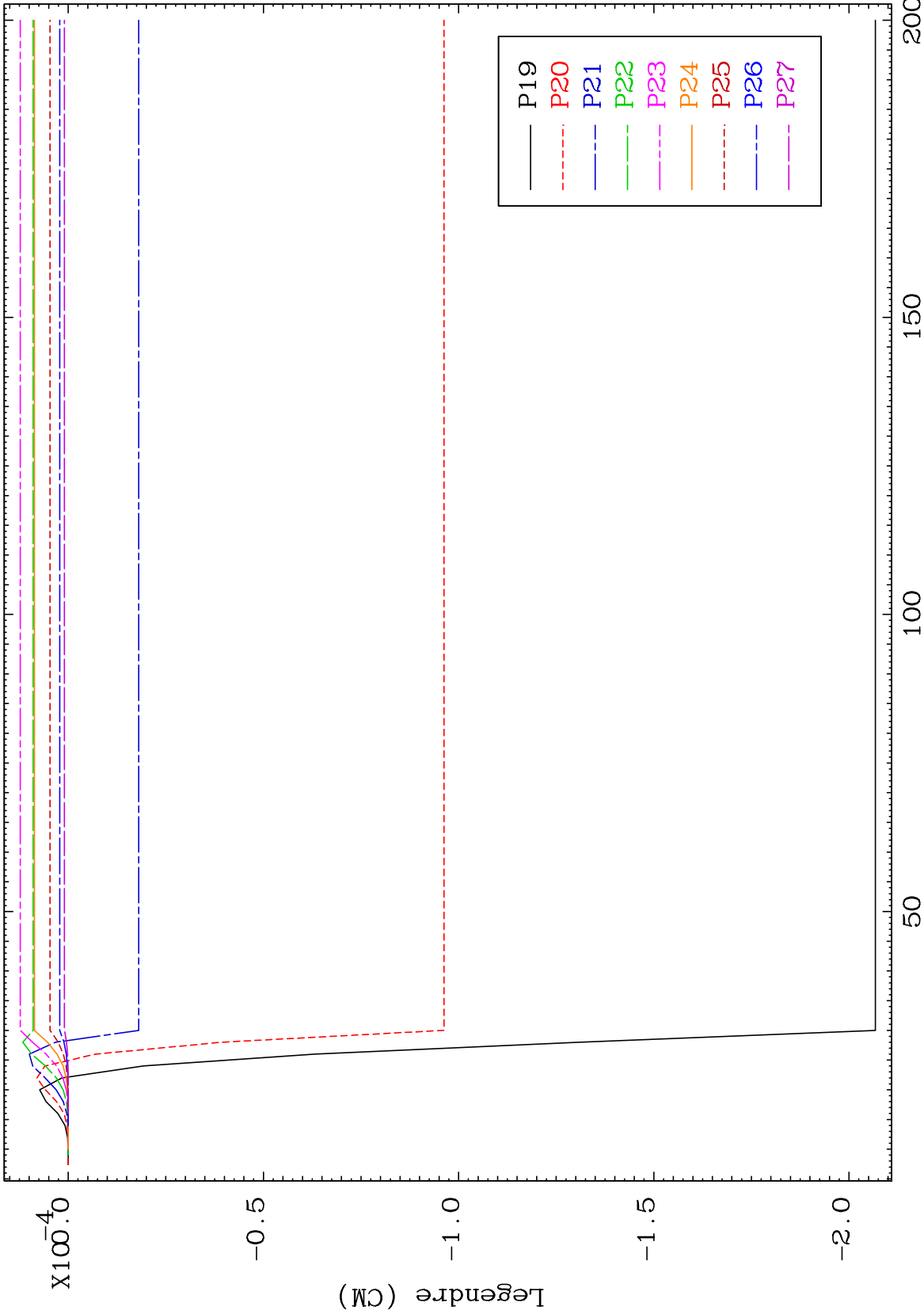


90 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124



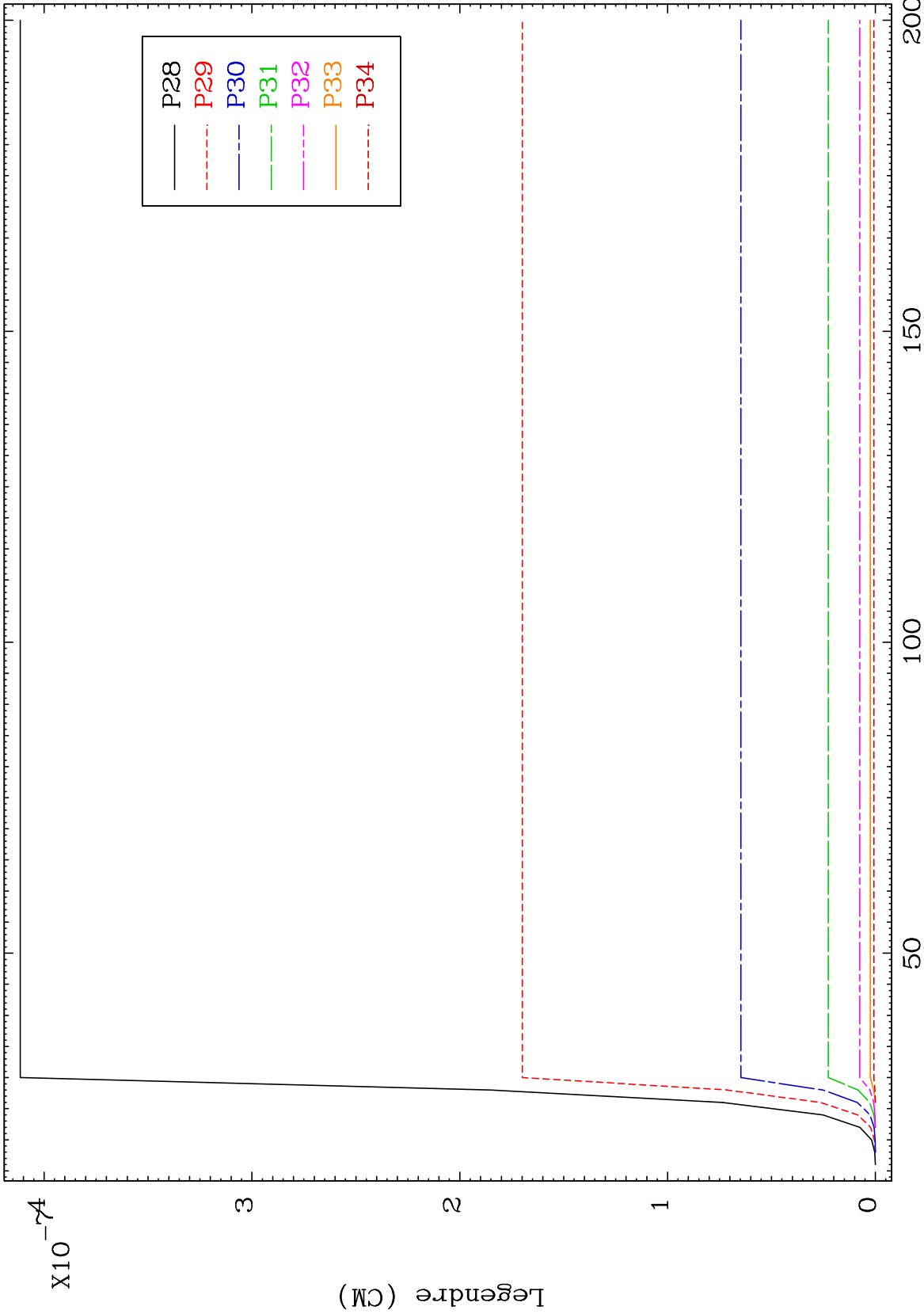
91

53-I -124

MAT 5316

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

53-I -124



92

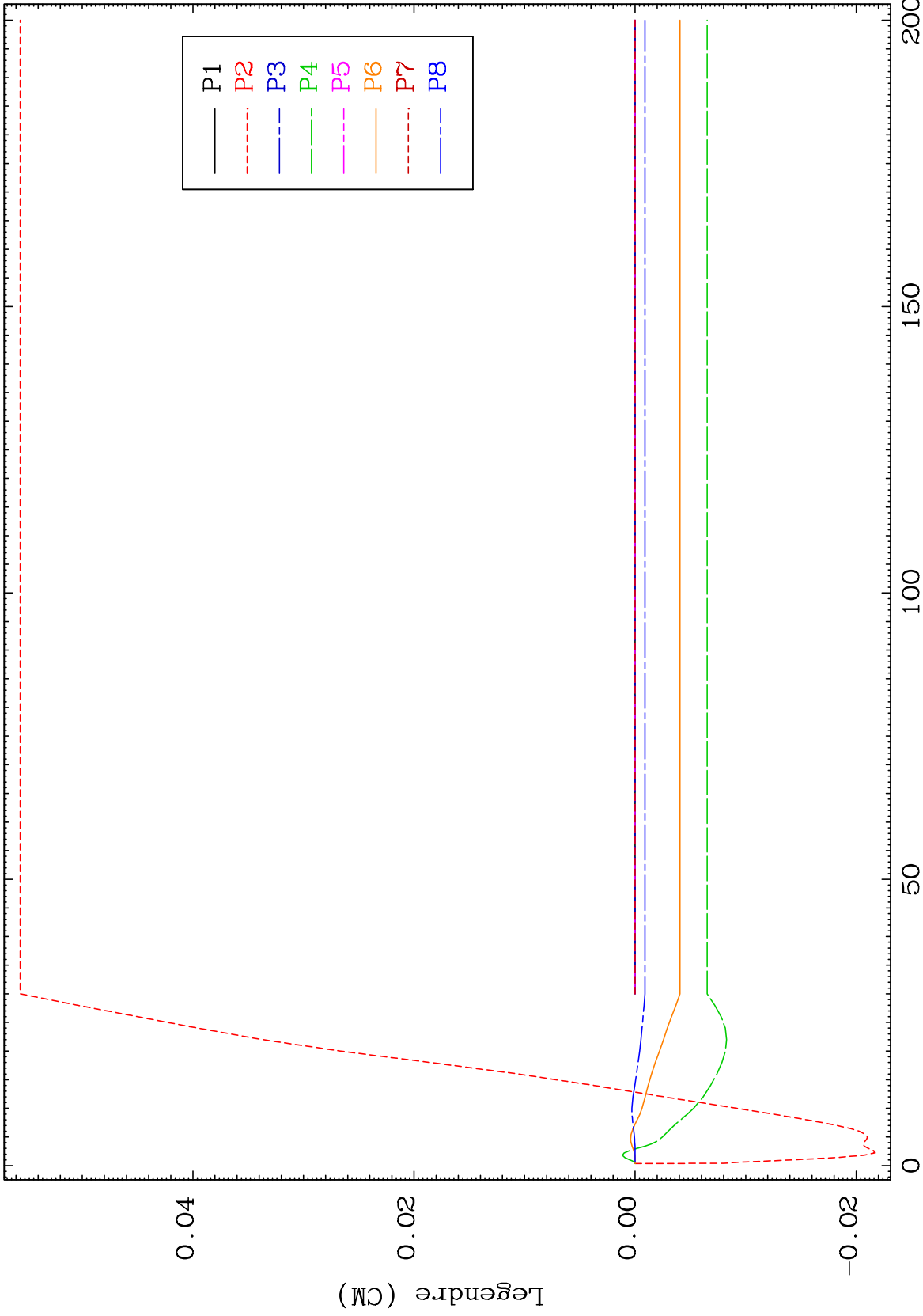
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



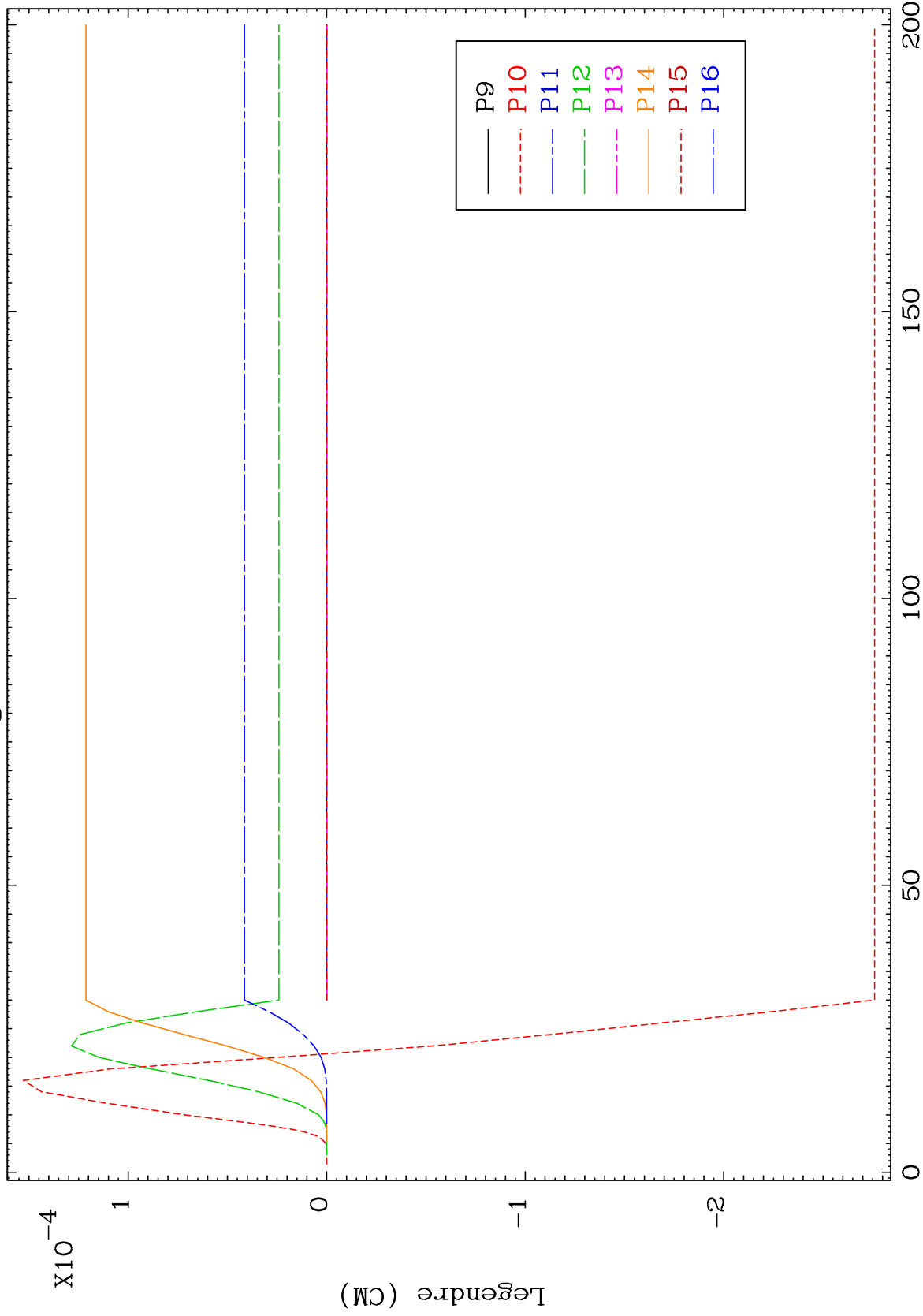
93

53-I -124

MAT 5316

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

53-I -124



94

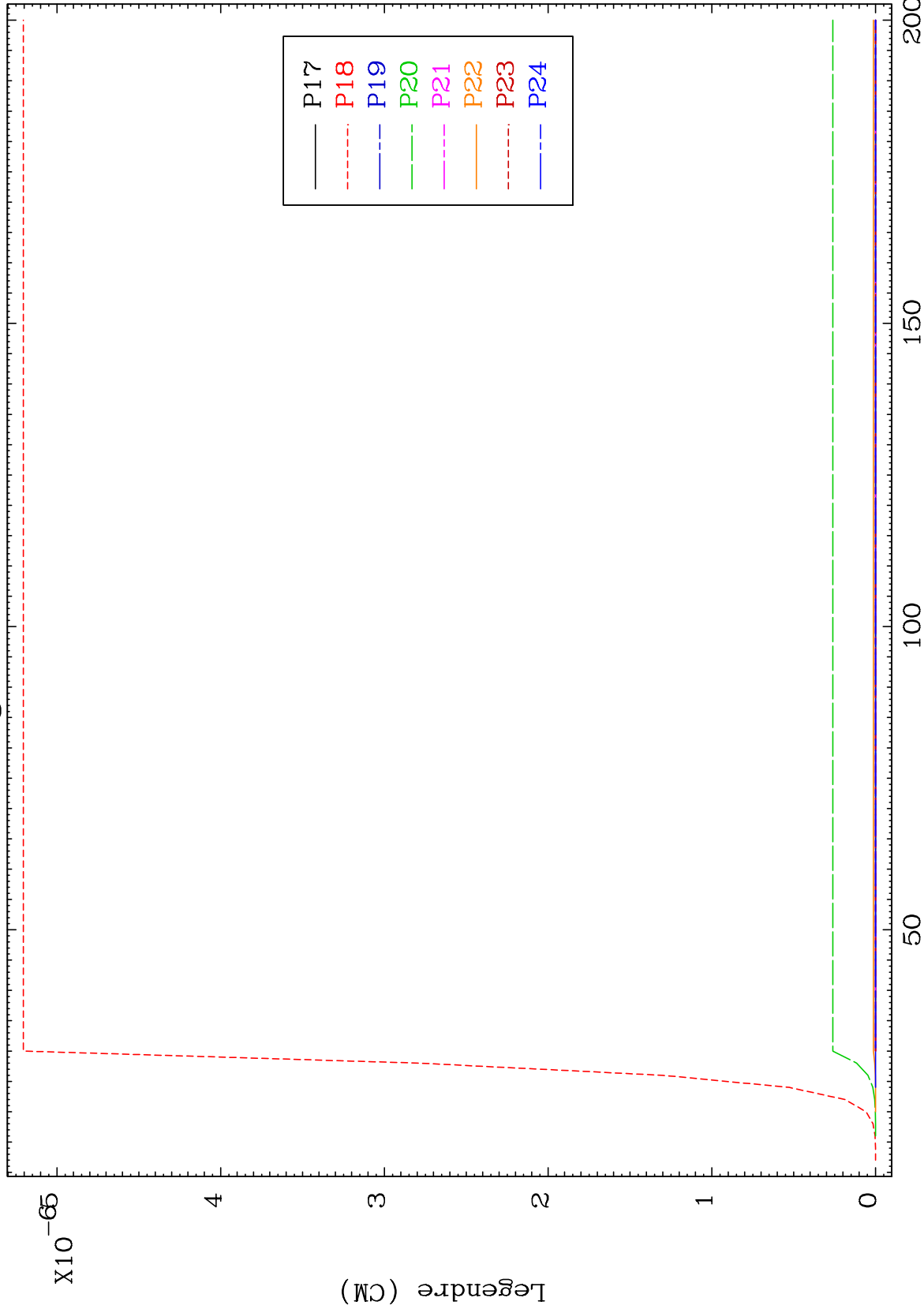
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



95

Incident Energy (MeV)

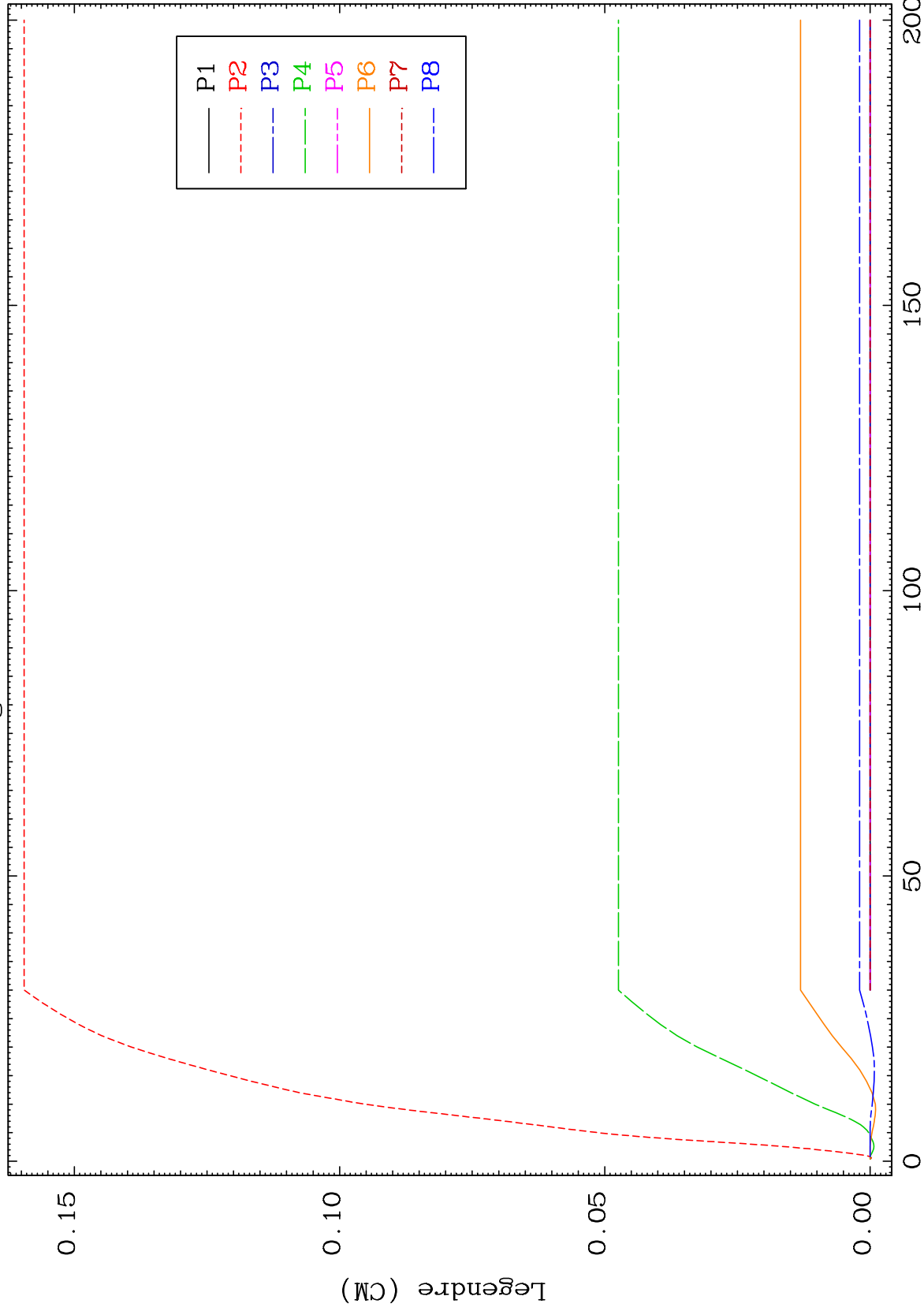
53-I -124



MAT 5316

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

53-I -124

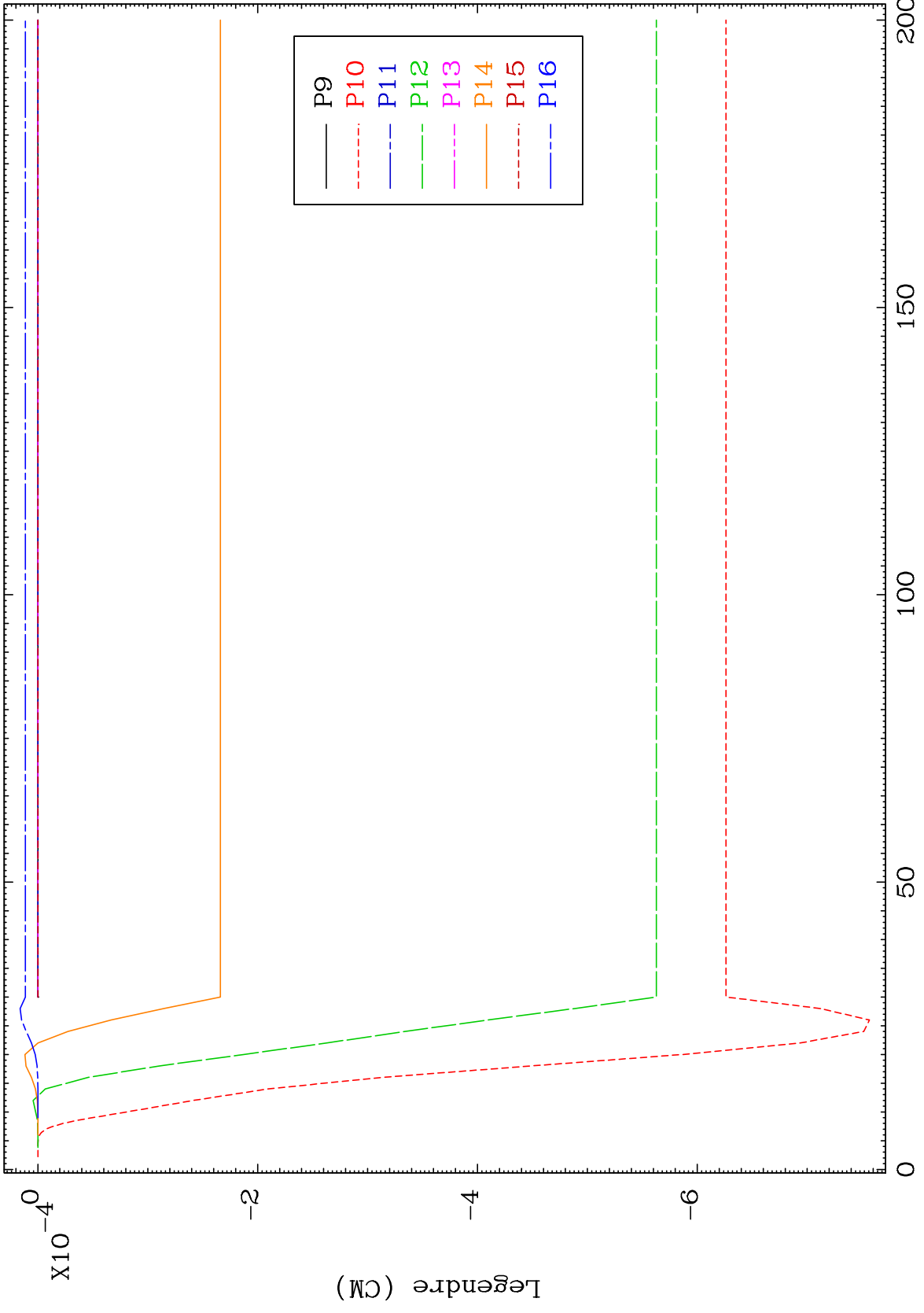


96

Incident Energy (MeV)

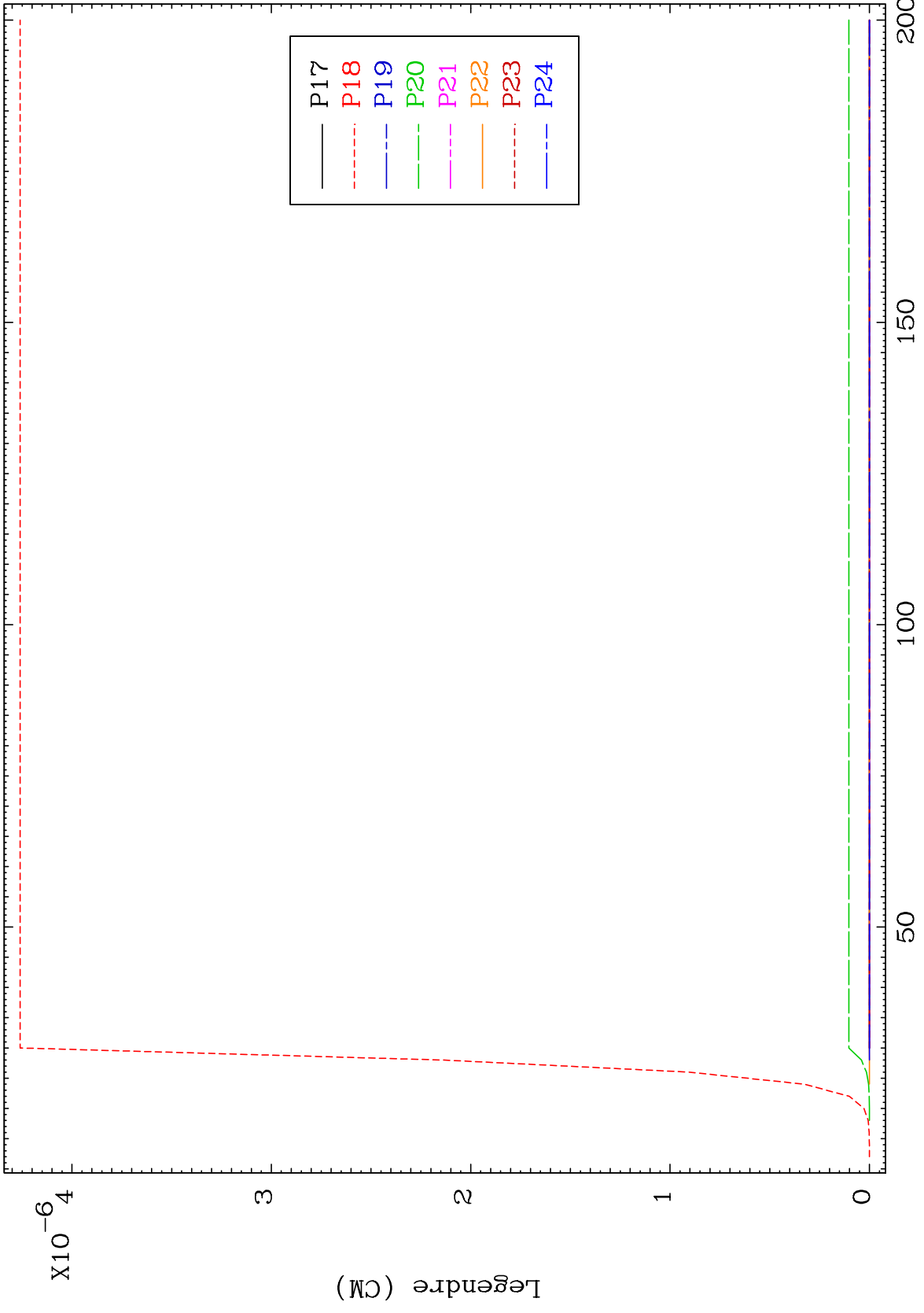
53-I -124

MAT 5316 MT= 73 (n,n') Level Legendre Coefficients 53-I -124



97 53-I -124

MAT 5316 MT= 73 (n,n') Level Legendre Coefficients 53-I -124

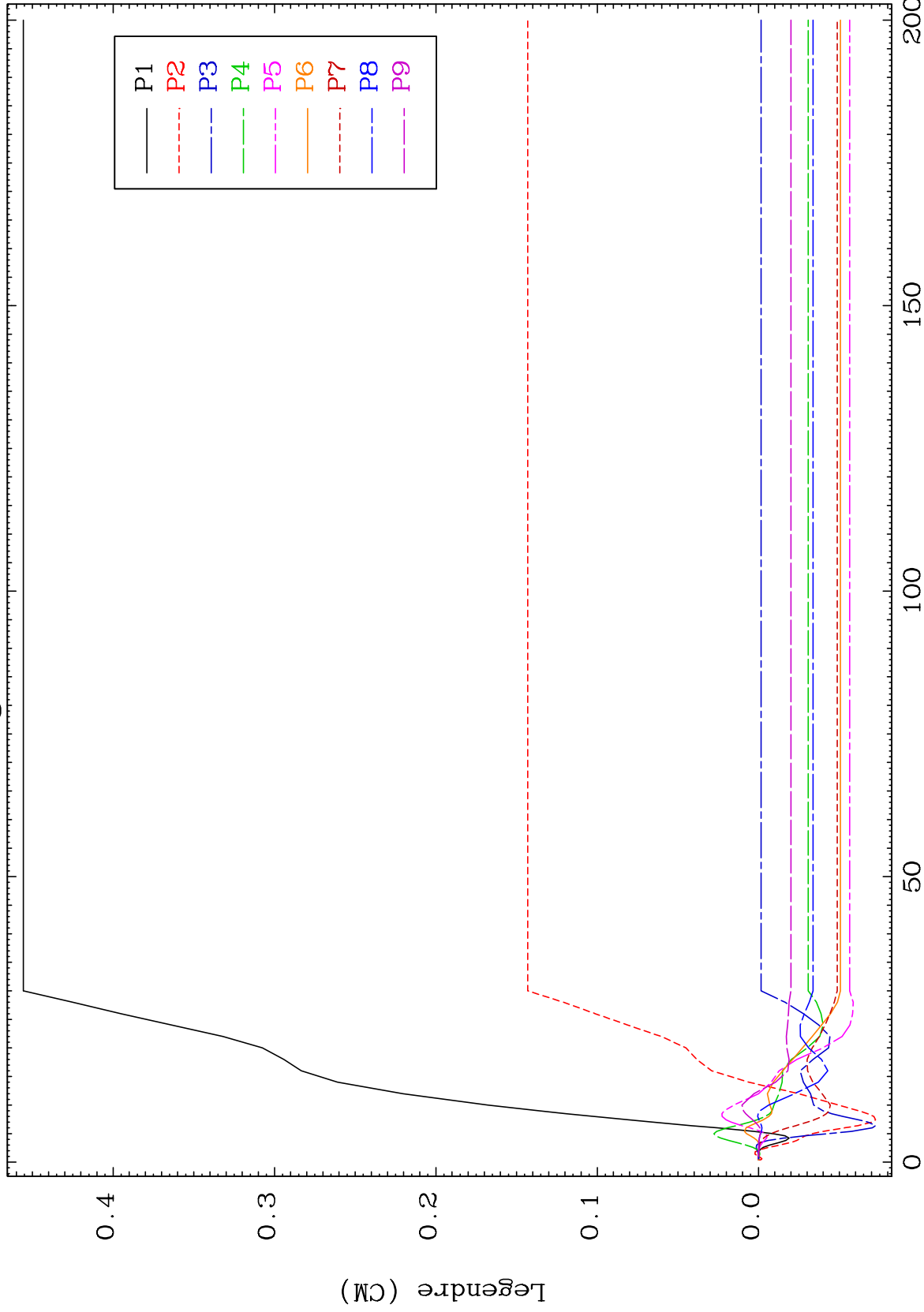


98 53-I -124

MAT 5316

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

53-I -124



99

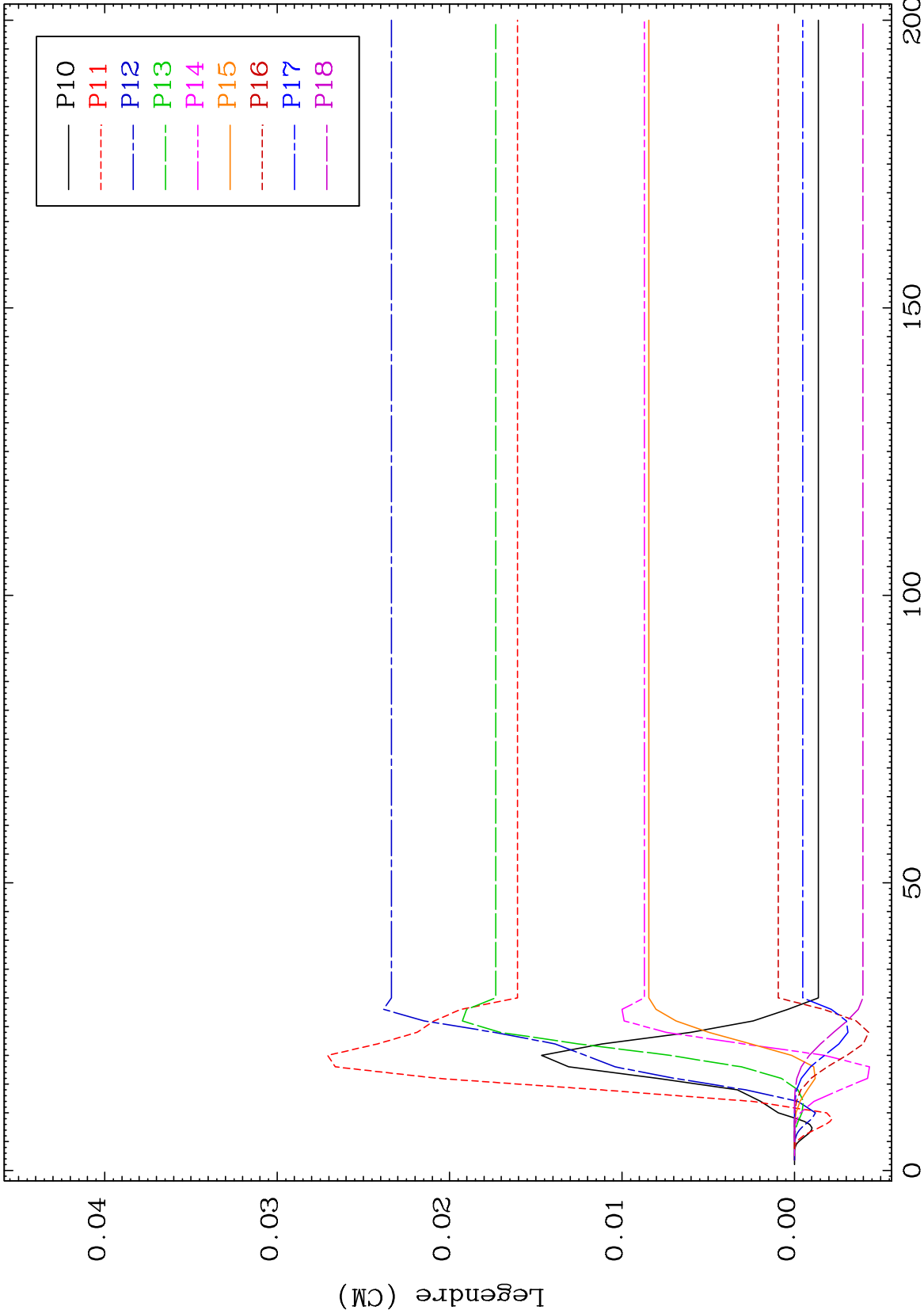
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



53-I -124

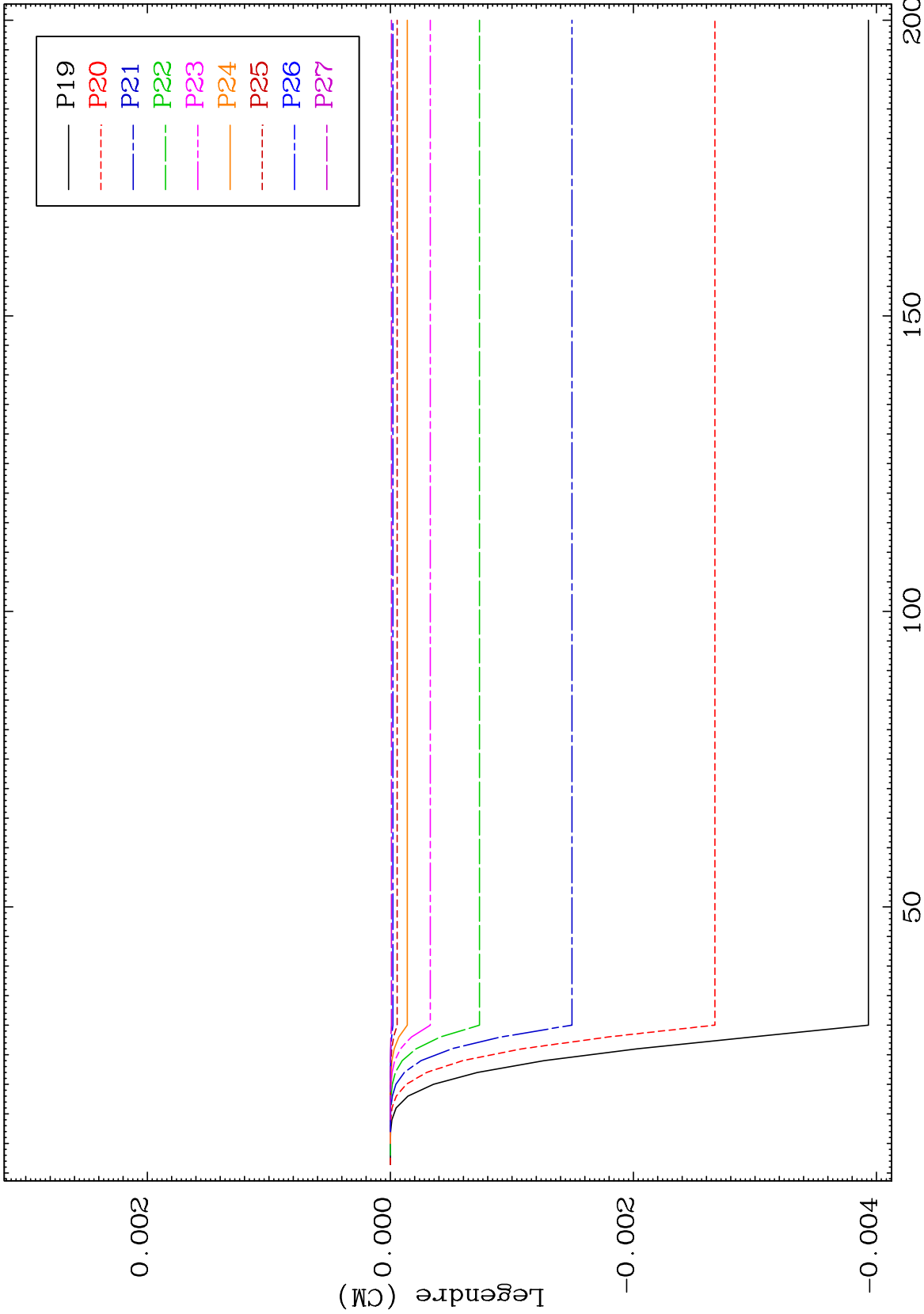
Incident Energy (MeV)

100

MAT 5316

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

53-I -124

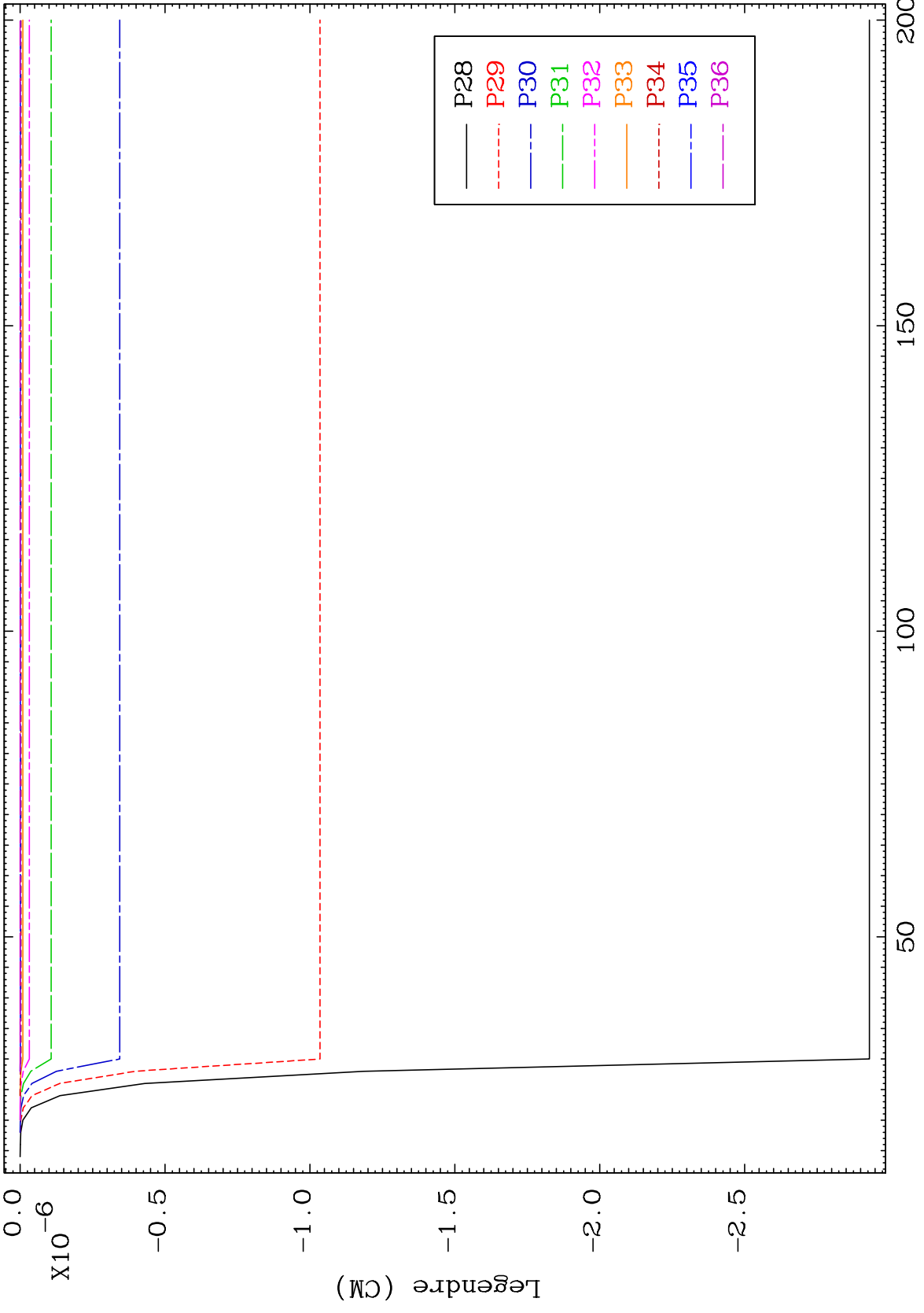


101

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 74 (n,n') Level Legendre Coefficients 53-I -124

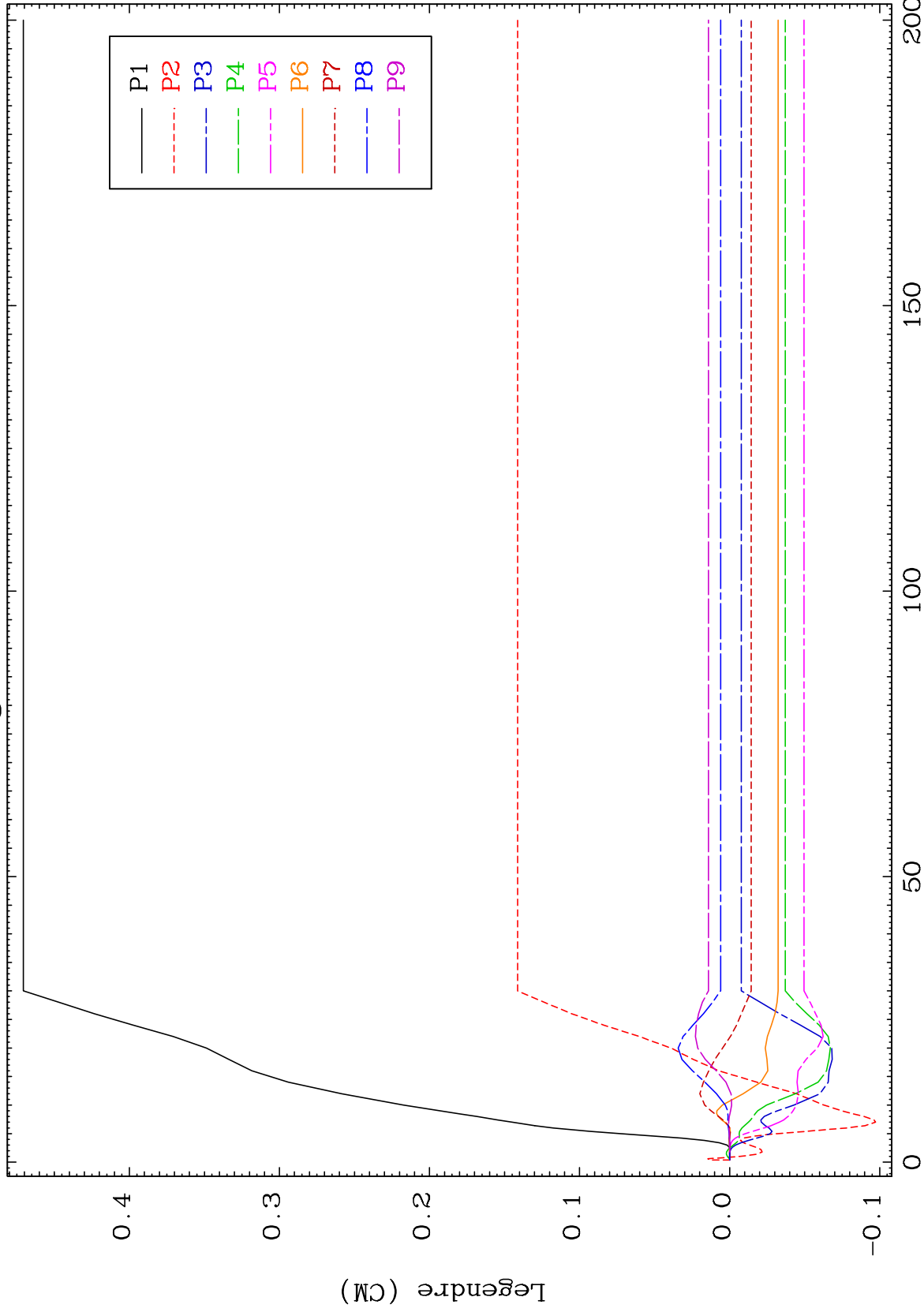


102 53-I -124

MAT 5316

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

53-I -124



103

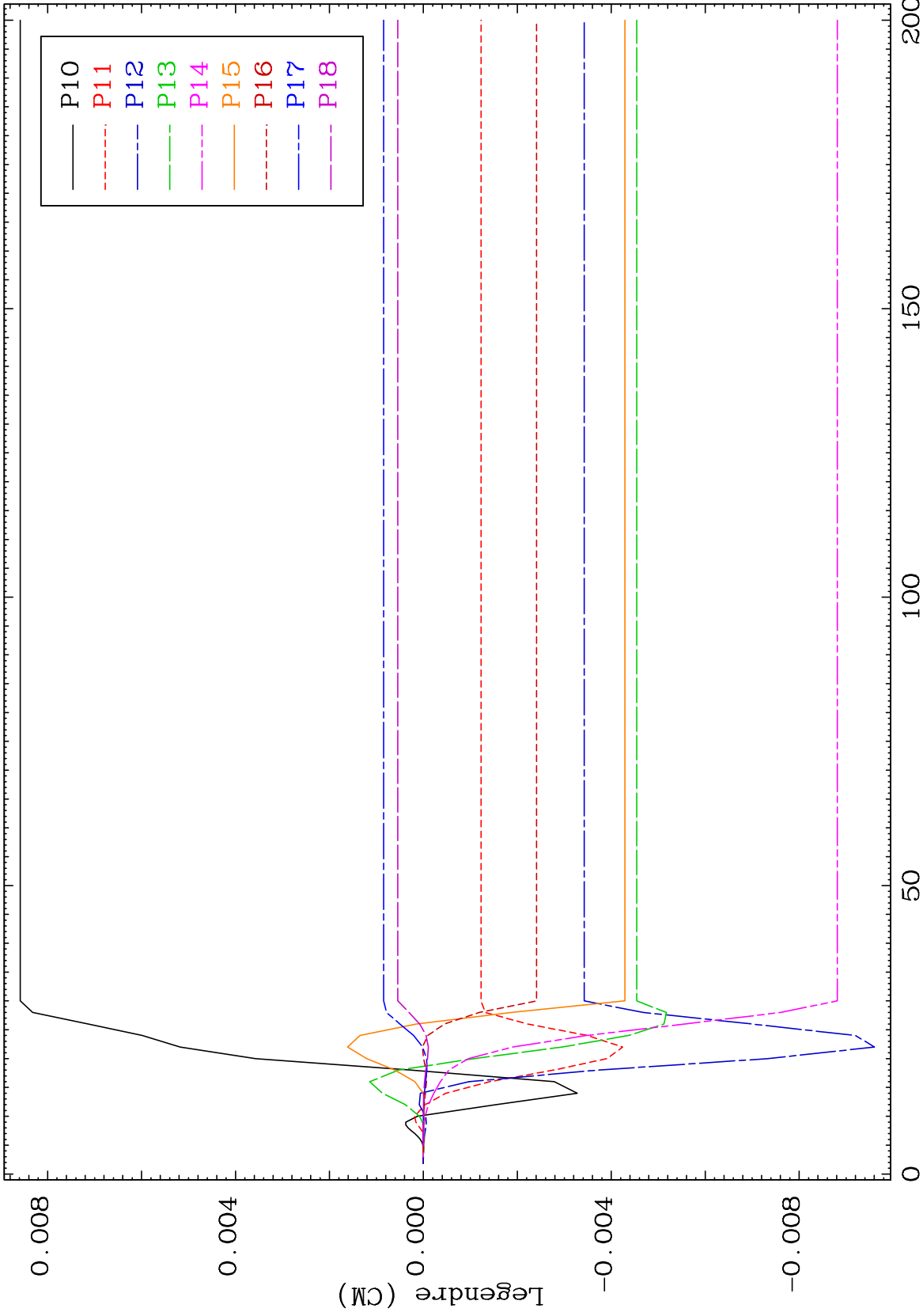
53-I -124



MAT 5316

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

53-I -124



104

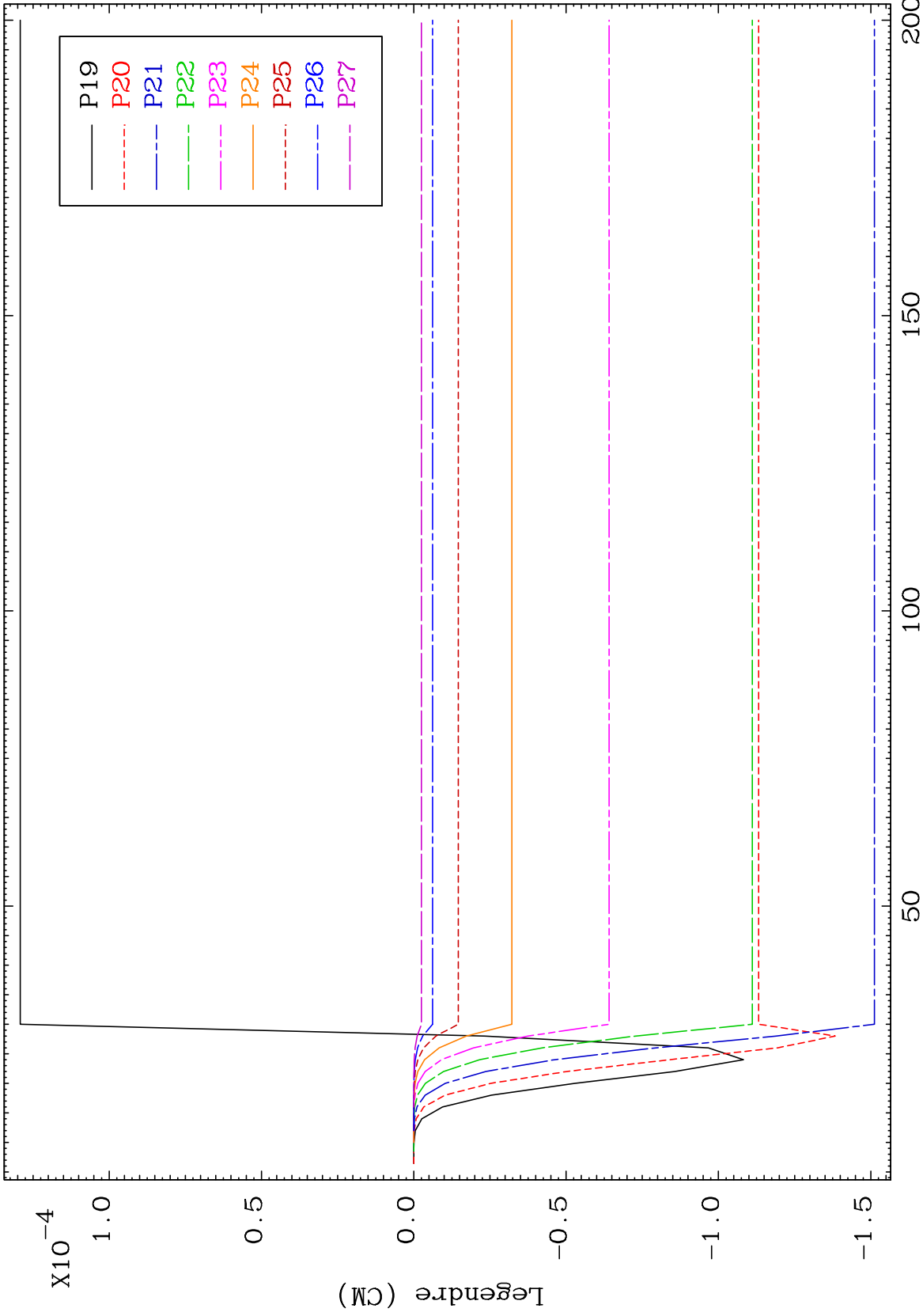
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



105

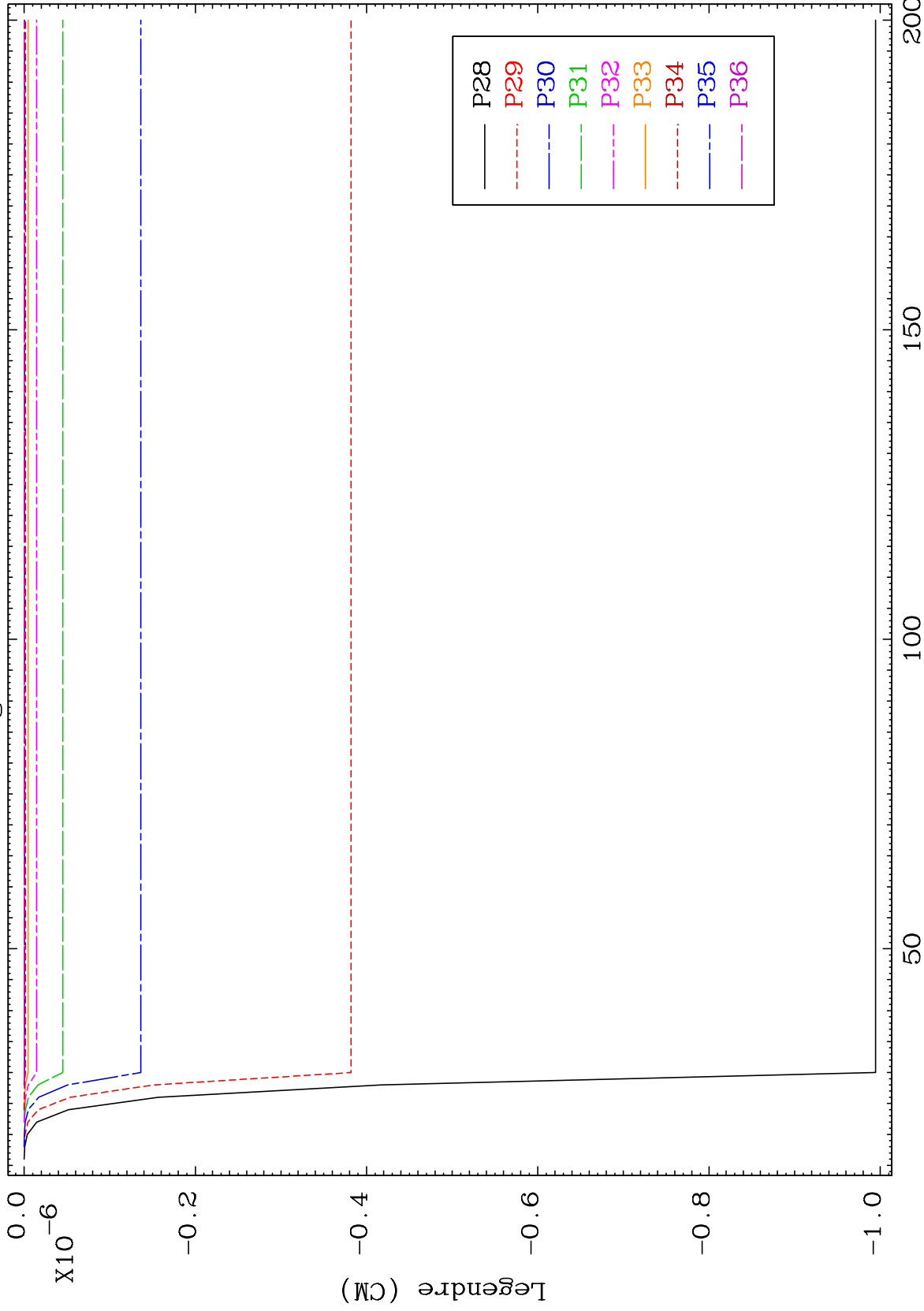
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



106

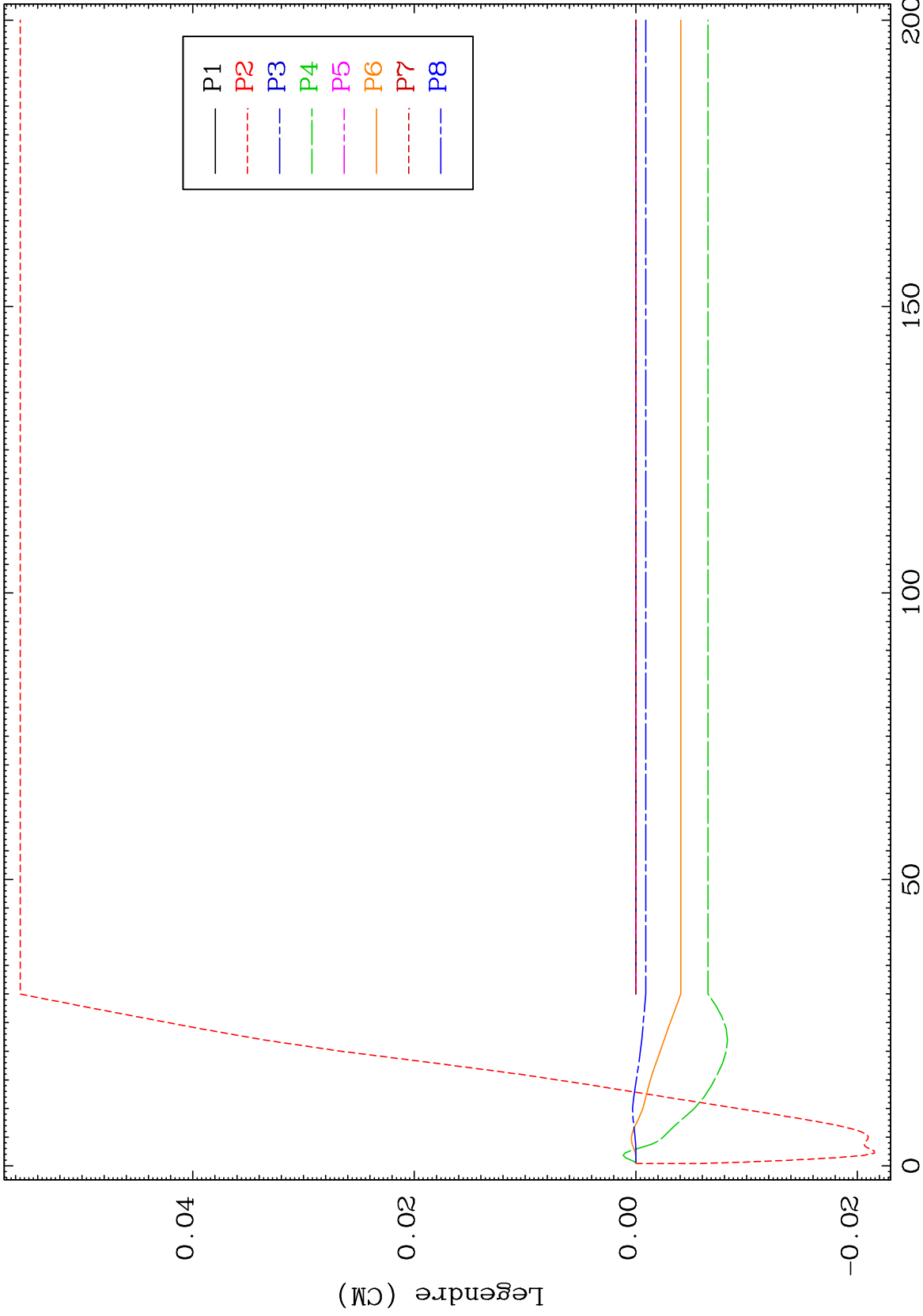
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124



107

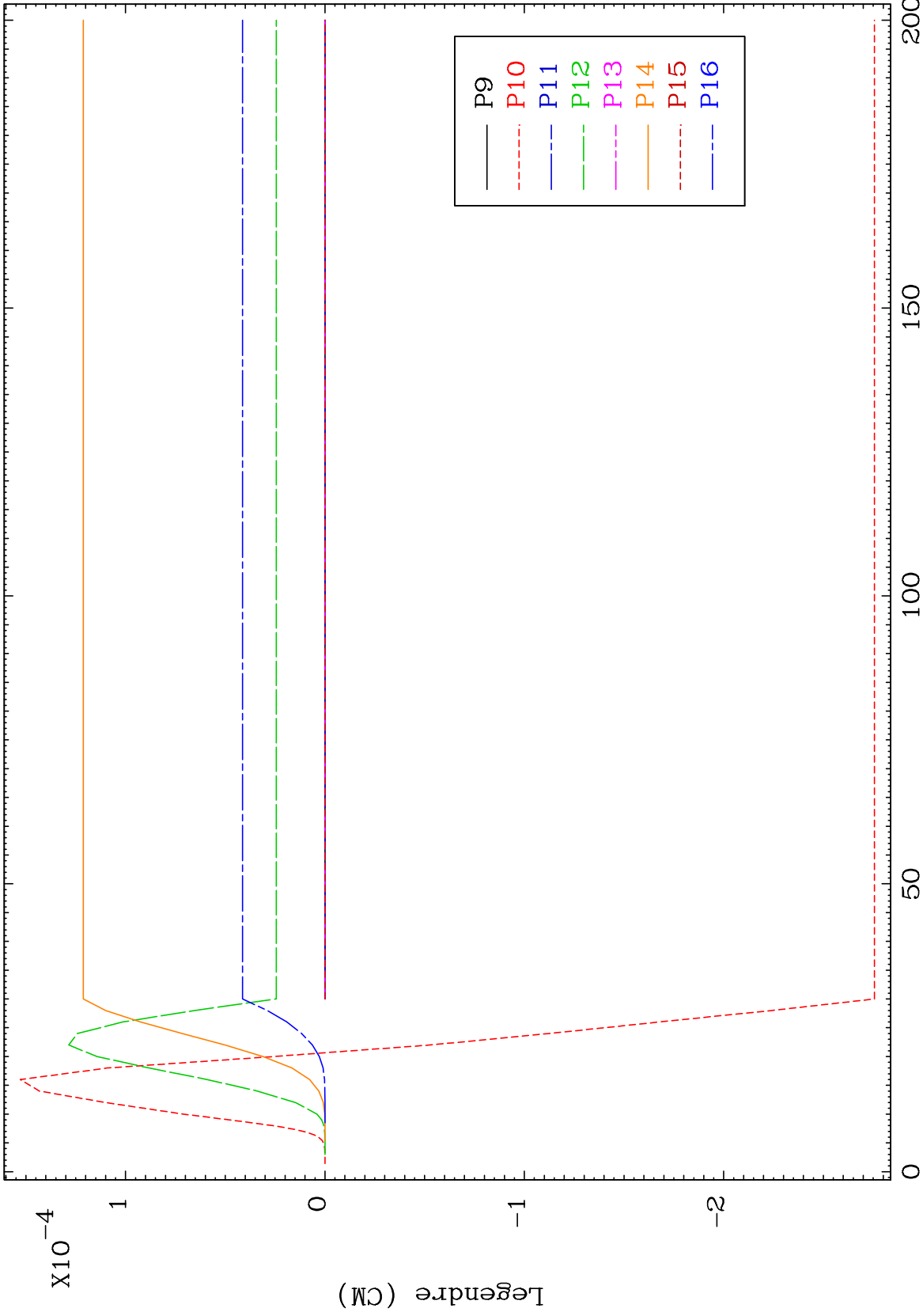
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124

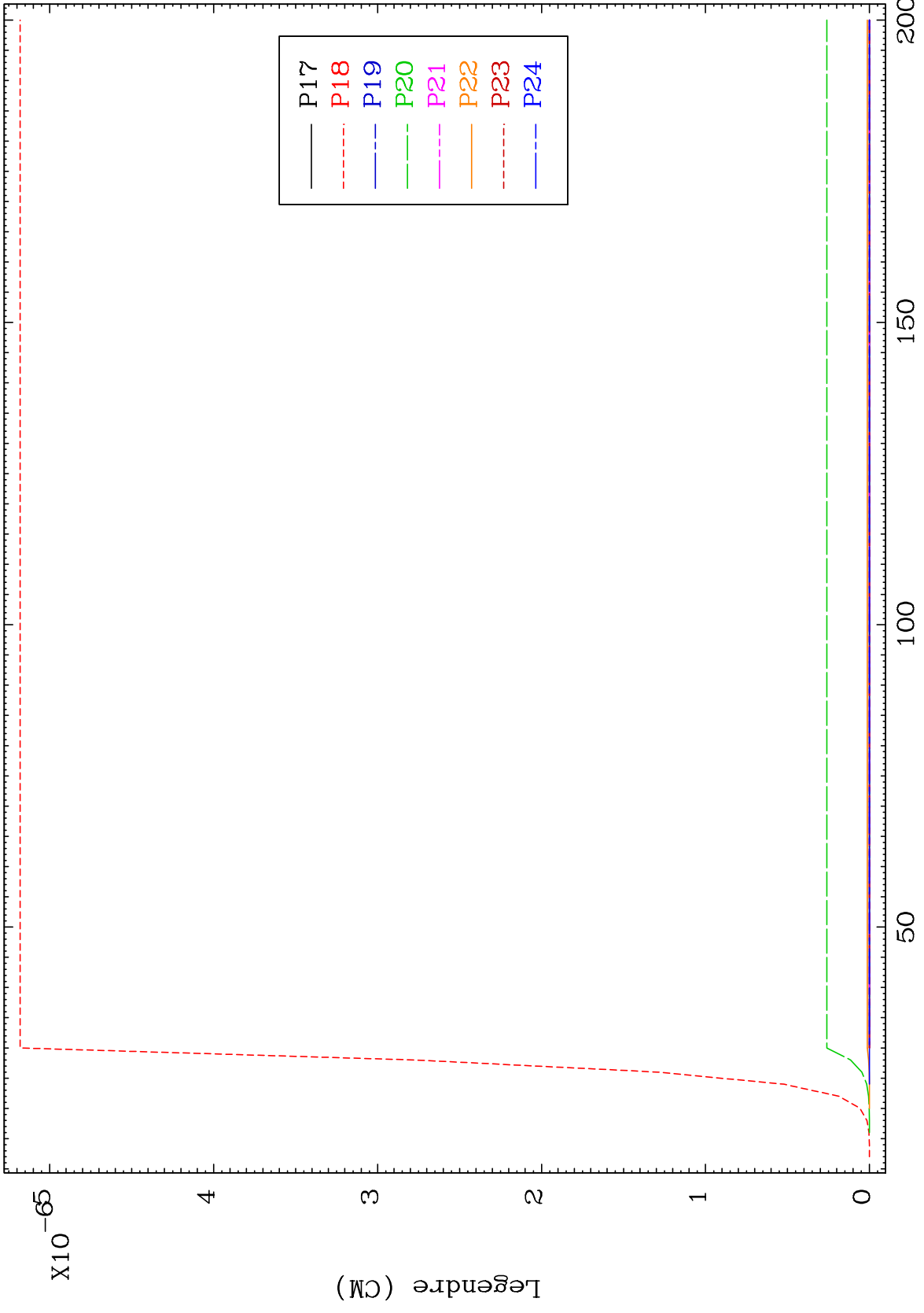


108

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 76 (n,n') Level Legendre Coefficients 53-I -124

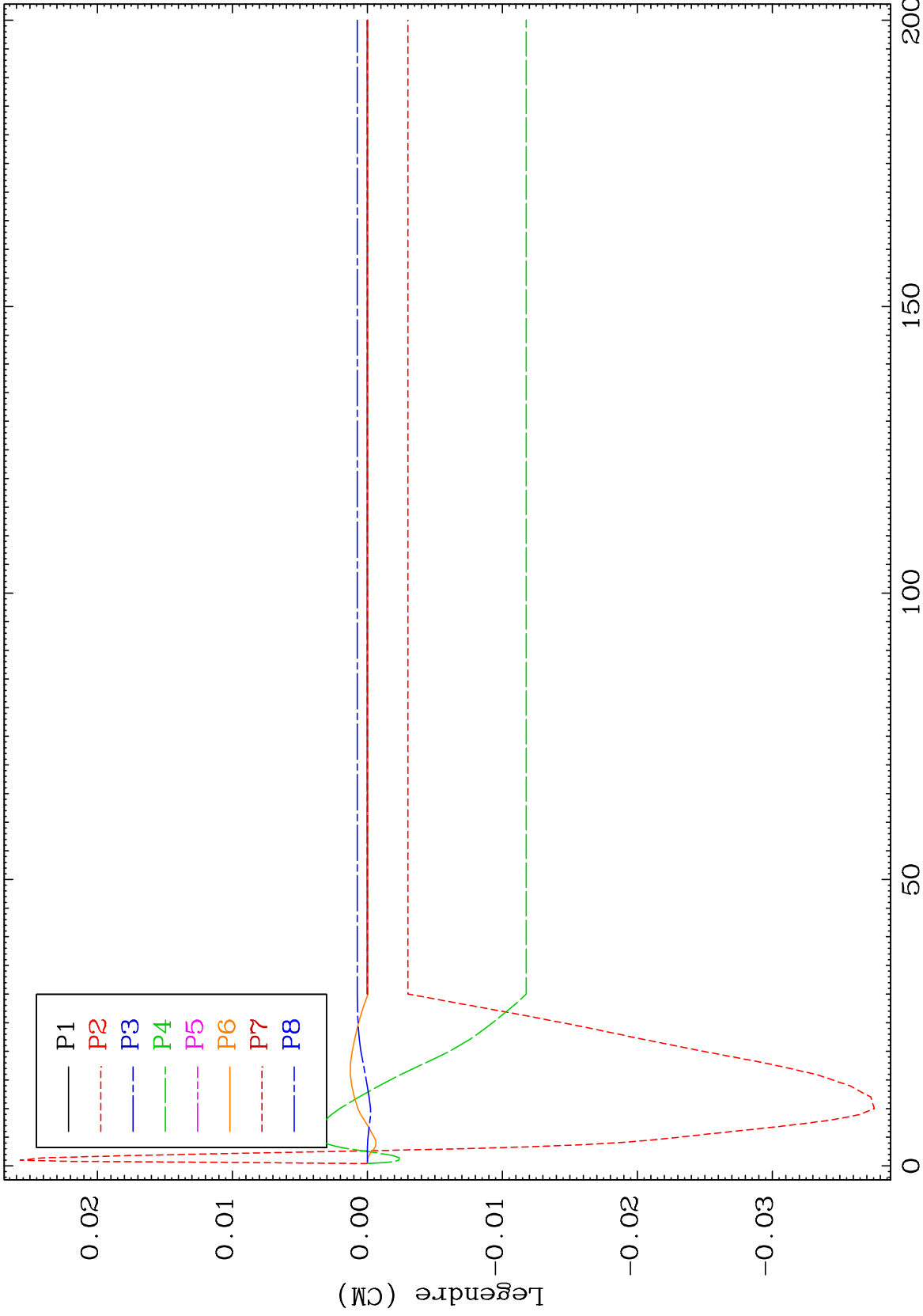


109 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124



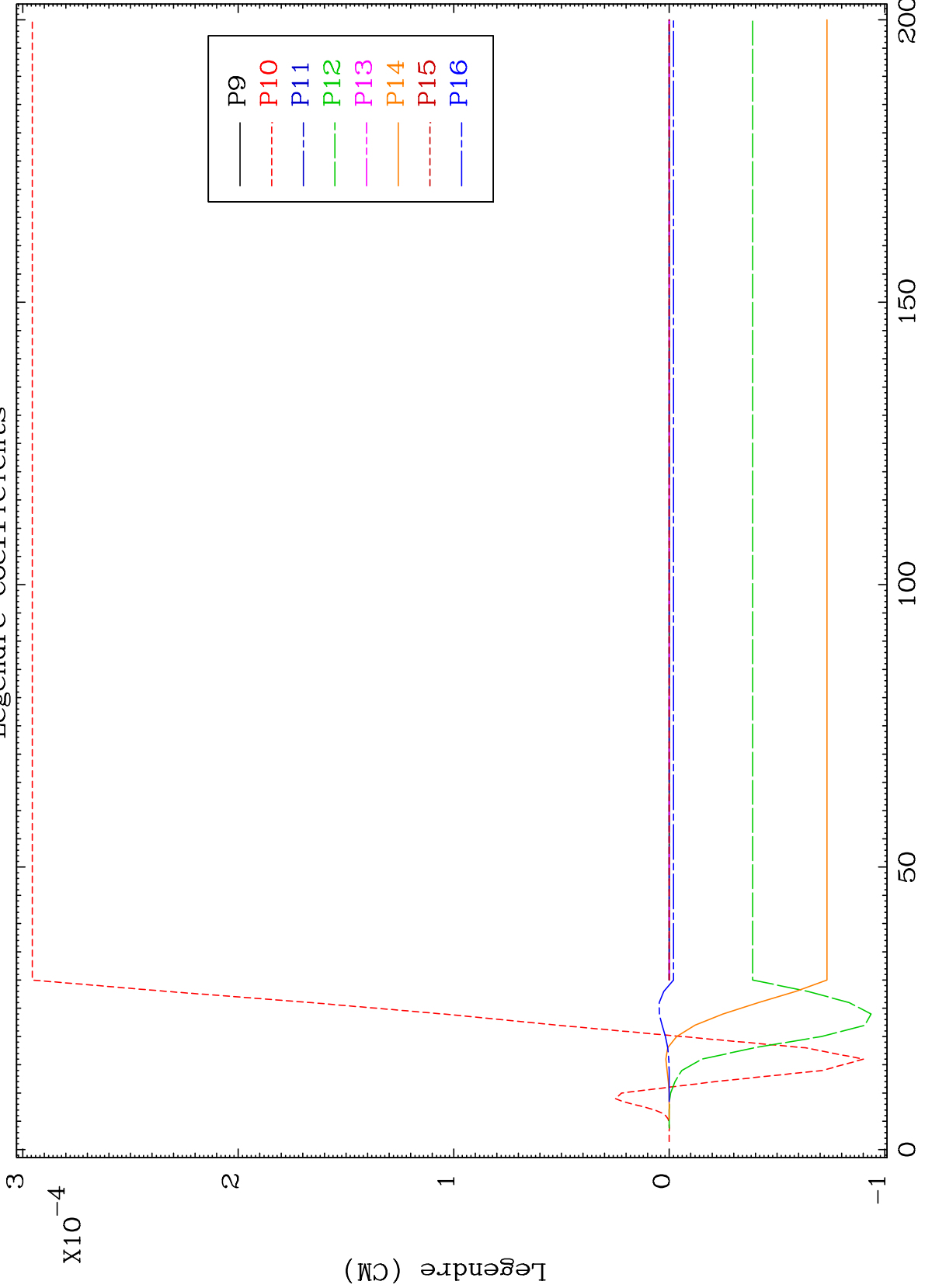
110

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 77 (n,n') Level Legendre Coefficients

53-I -124



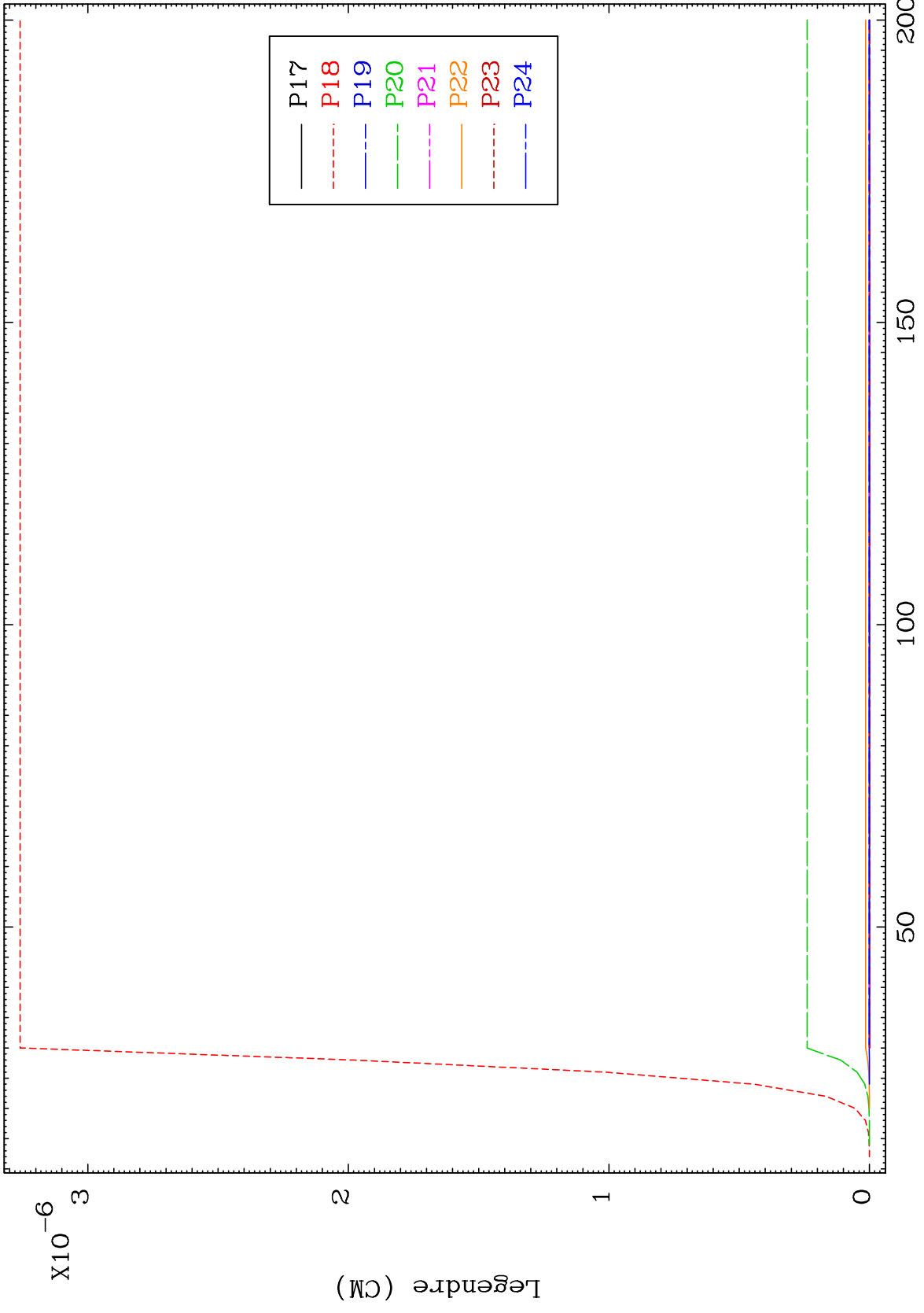
53-I -124

Incident Energy (MeV)

111



MAT 5316 MT= 77 (n,n') Level Legendre Coefficients 53-I -124

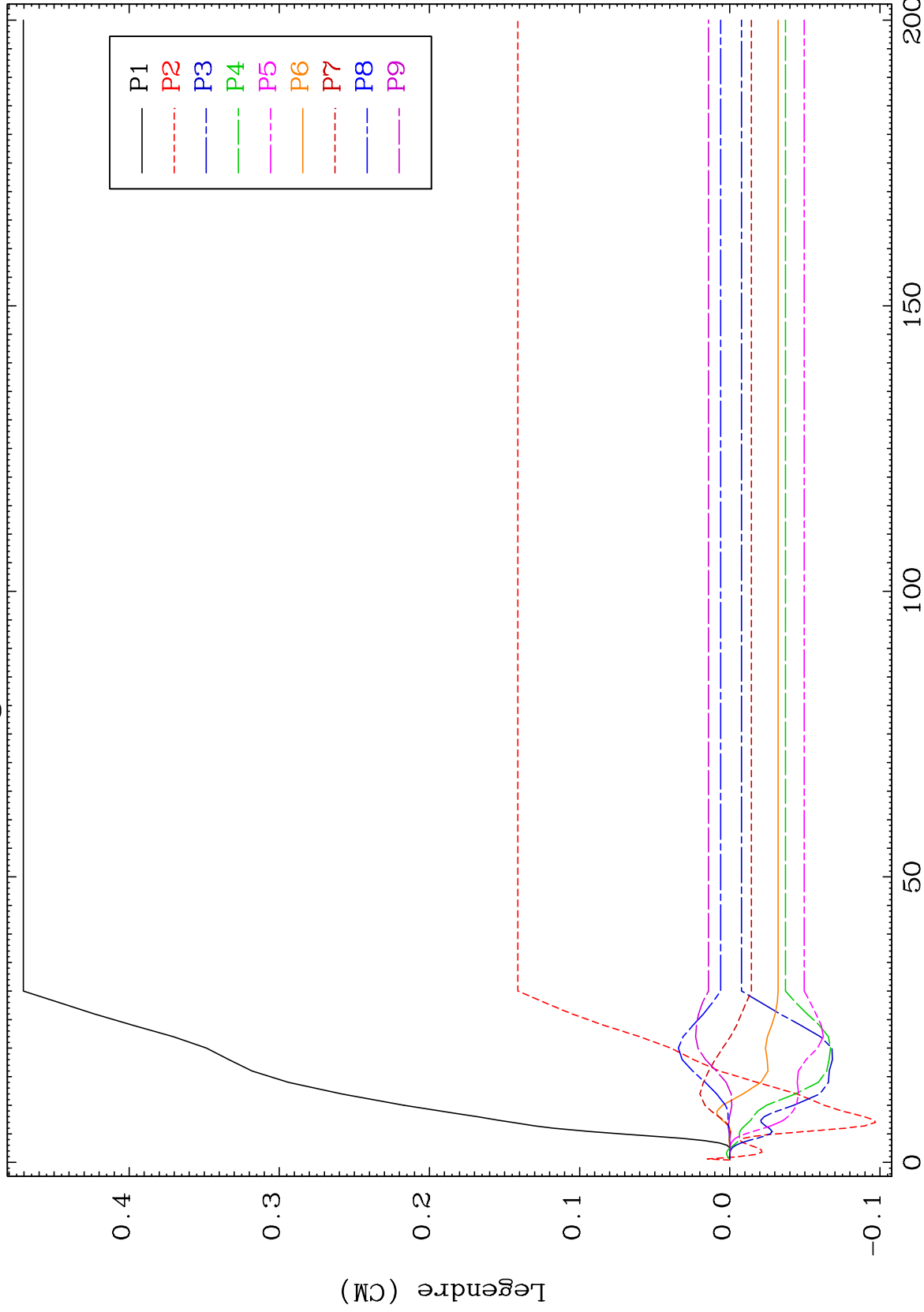


112 Incident Energy (MeV) 53-I -124

MAT 5316

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

53-I -124



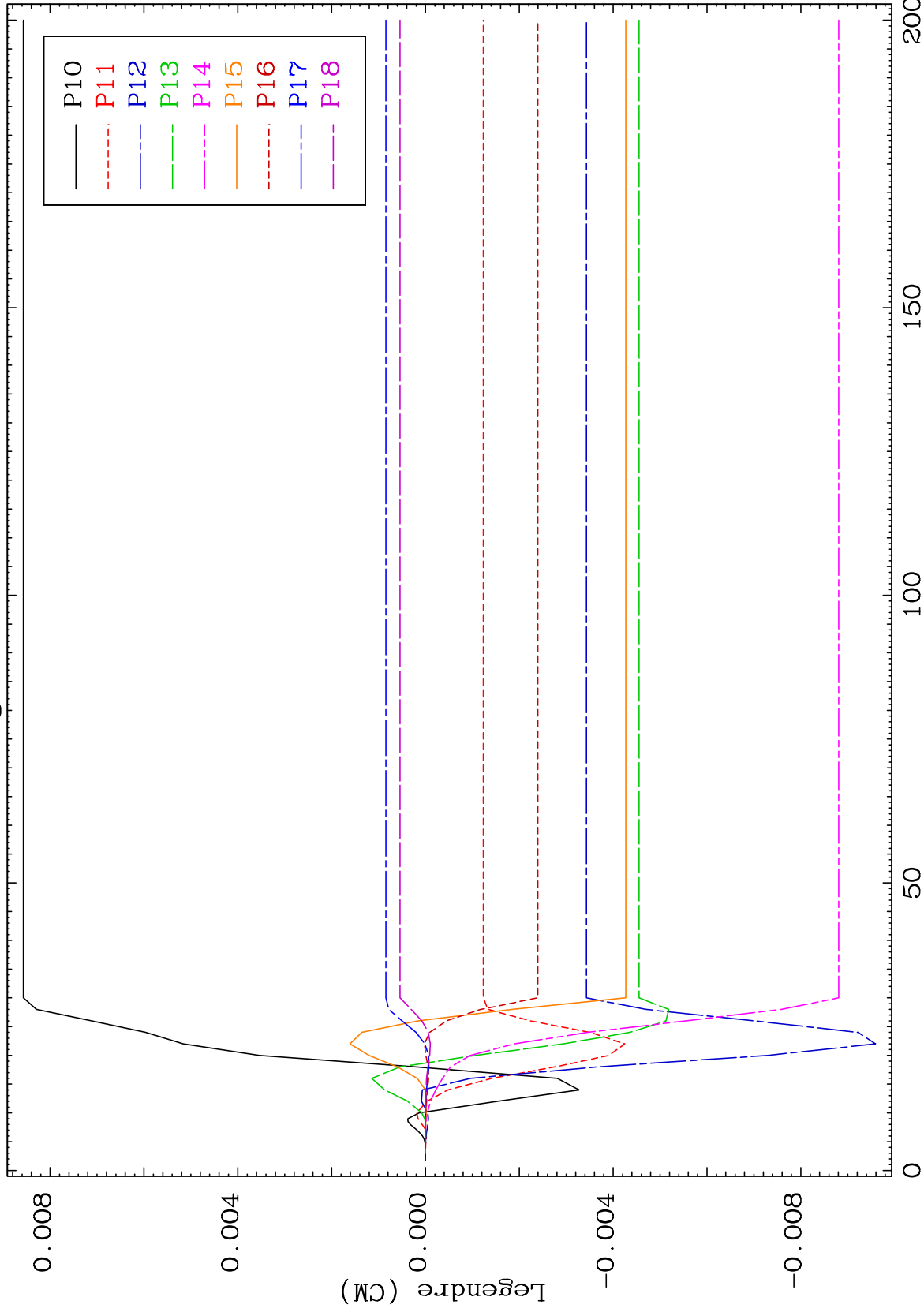
113

53-I -124

MAT 5316

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

53-I -124



114

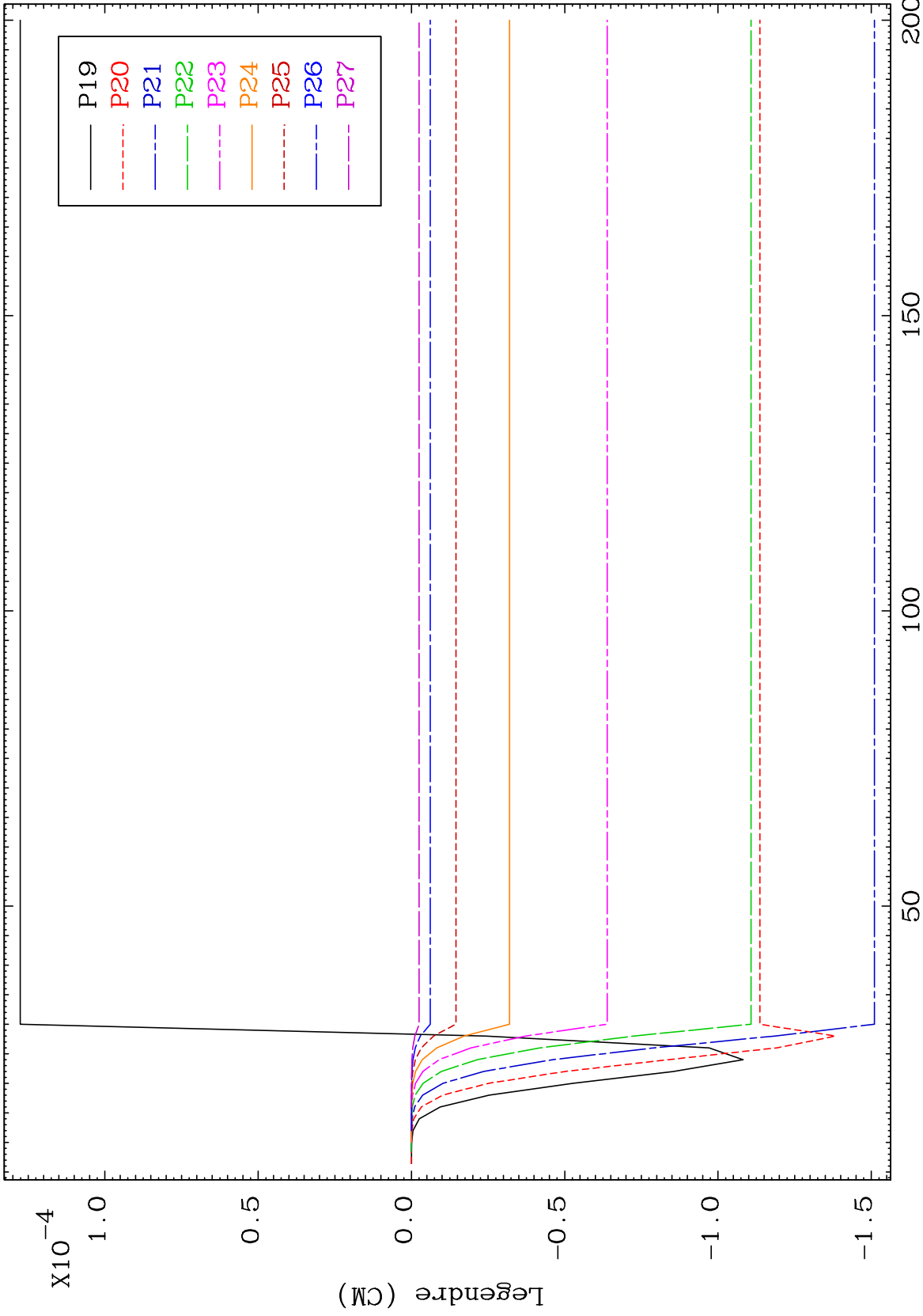
Incident Energy (MeV)

53-I -124

MAT 5316

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

53-I -124

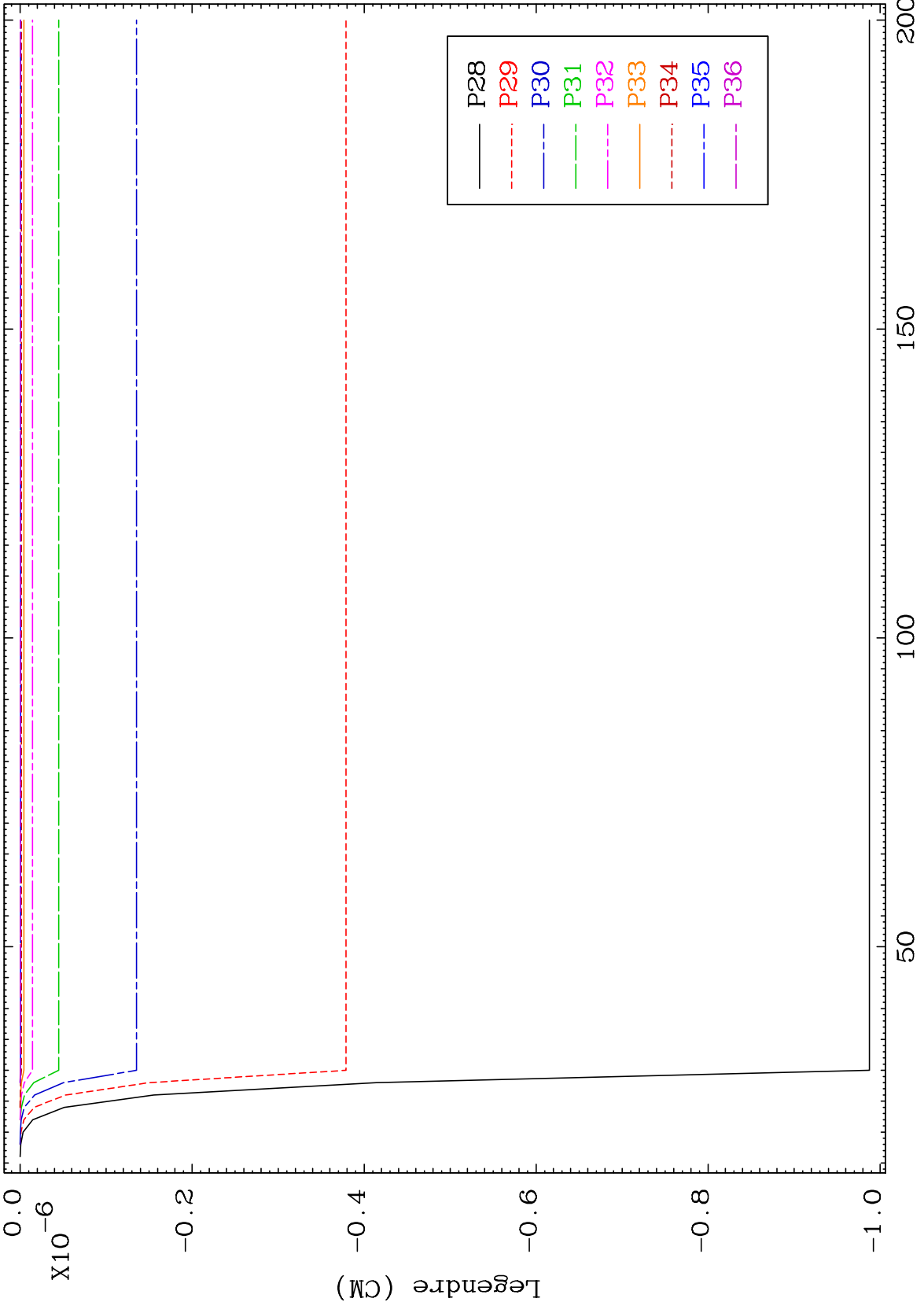


115

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 78 (n,n') Level Legendre Coefficients 53-I -124

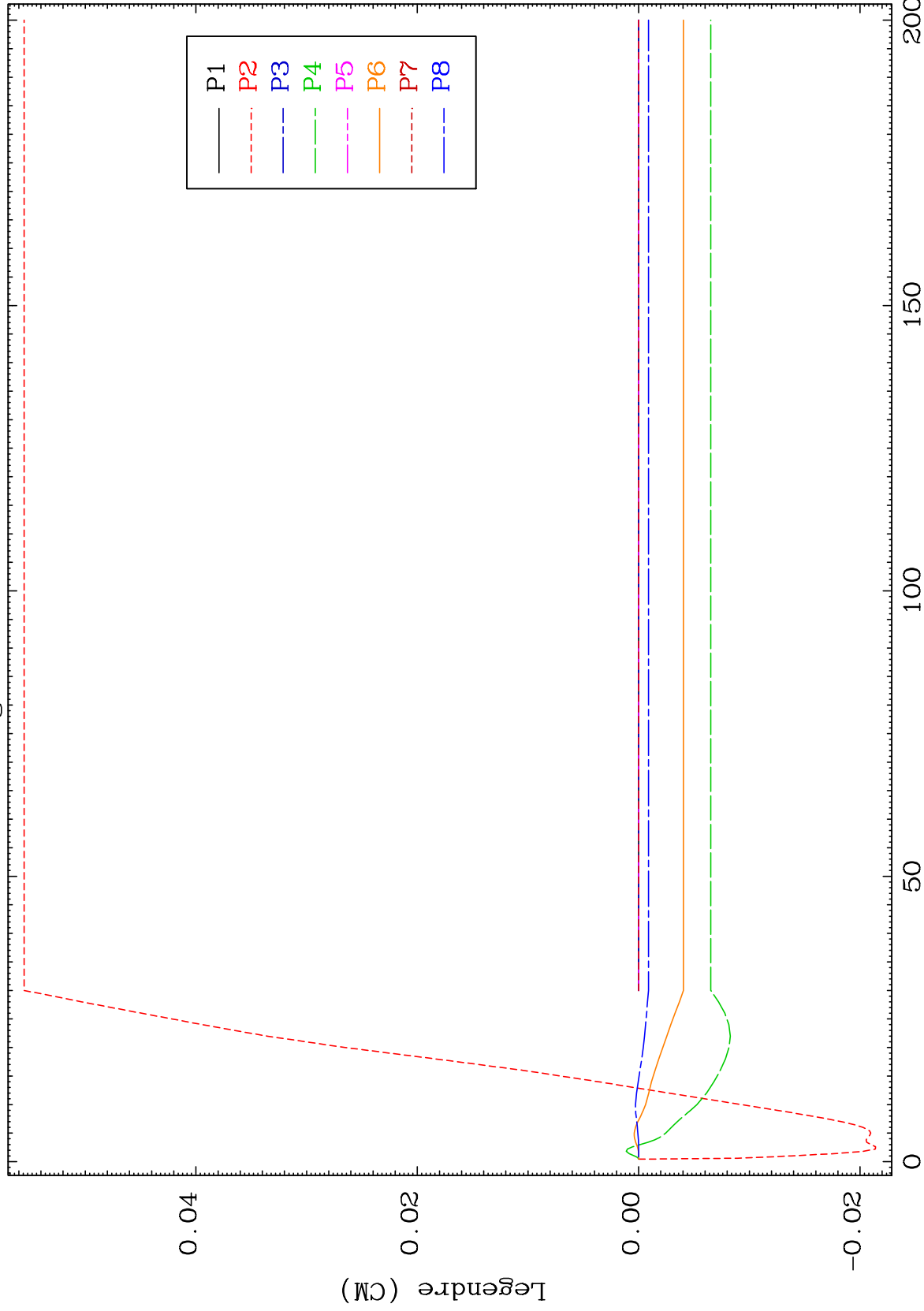


116 53-I -124

MAT 5316

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

53-I -124



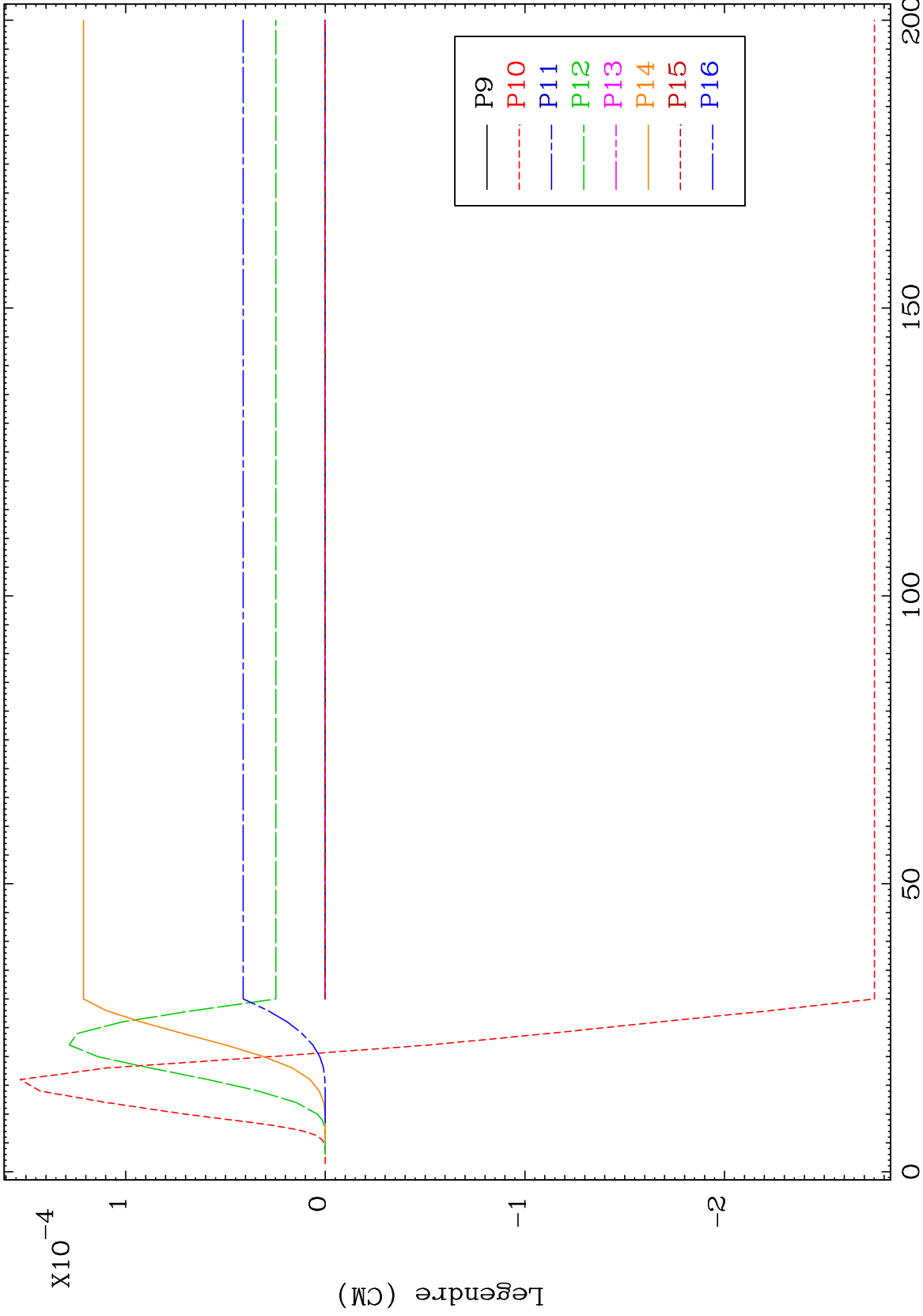
117

53-I -124

MAT 5316

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

53-I -124

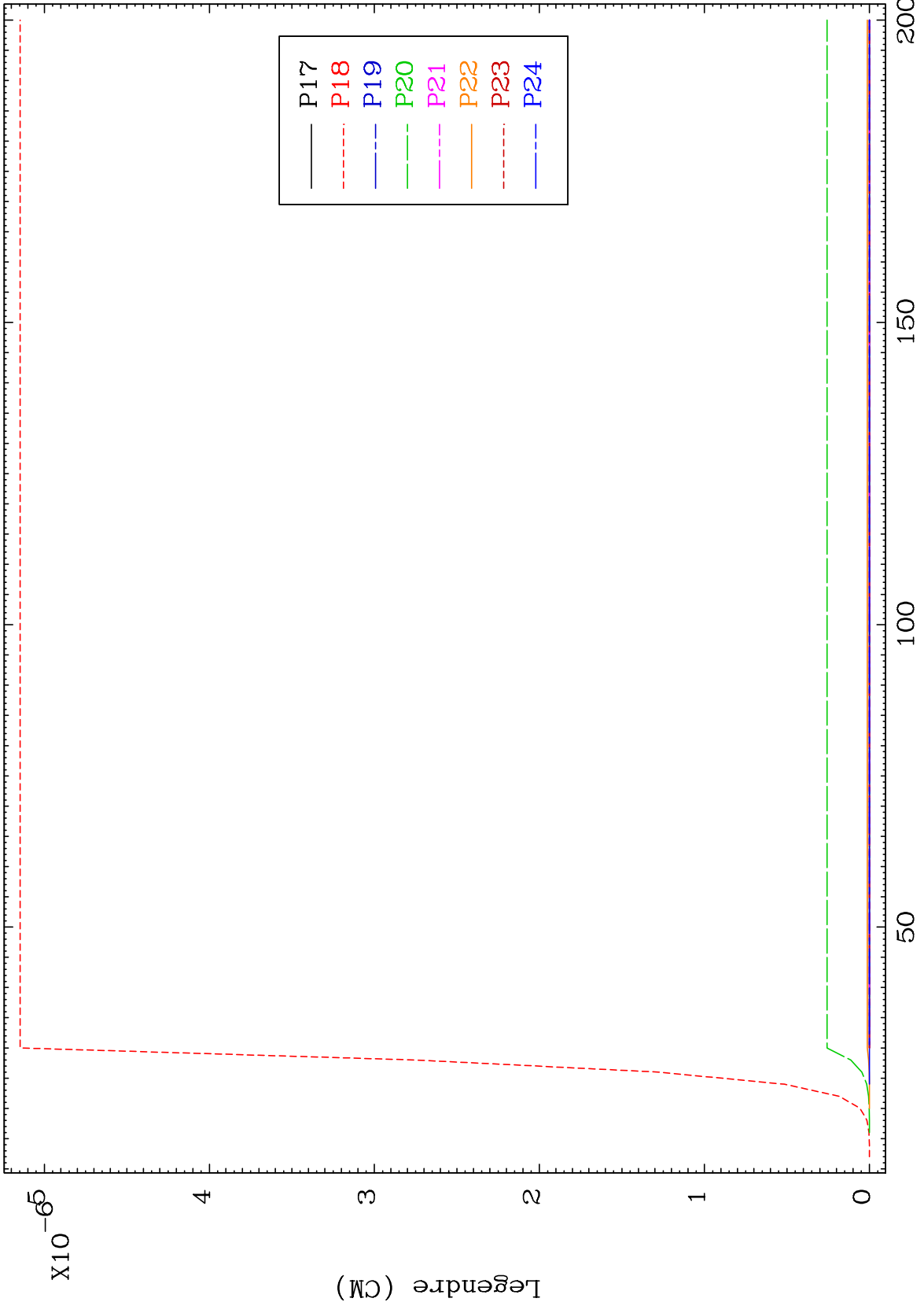


118

Incident Energy (MeV)

53-I -124

MAT 5316 MT= 79 (n,n') Level Legendre Coefficients 53-I -124



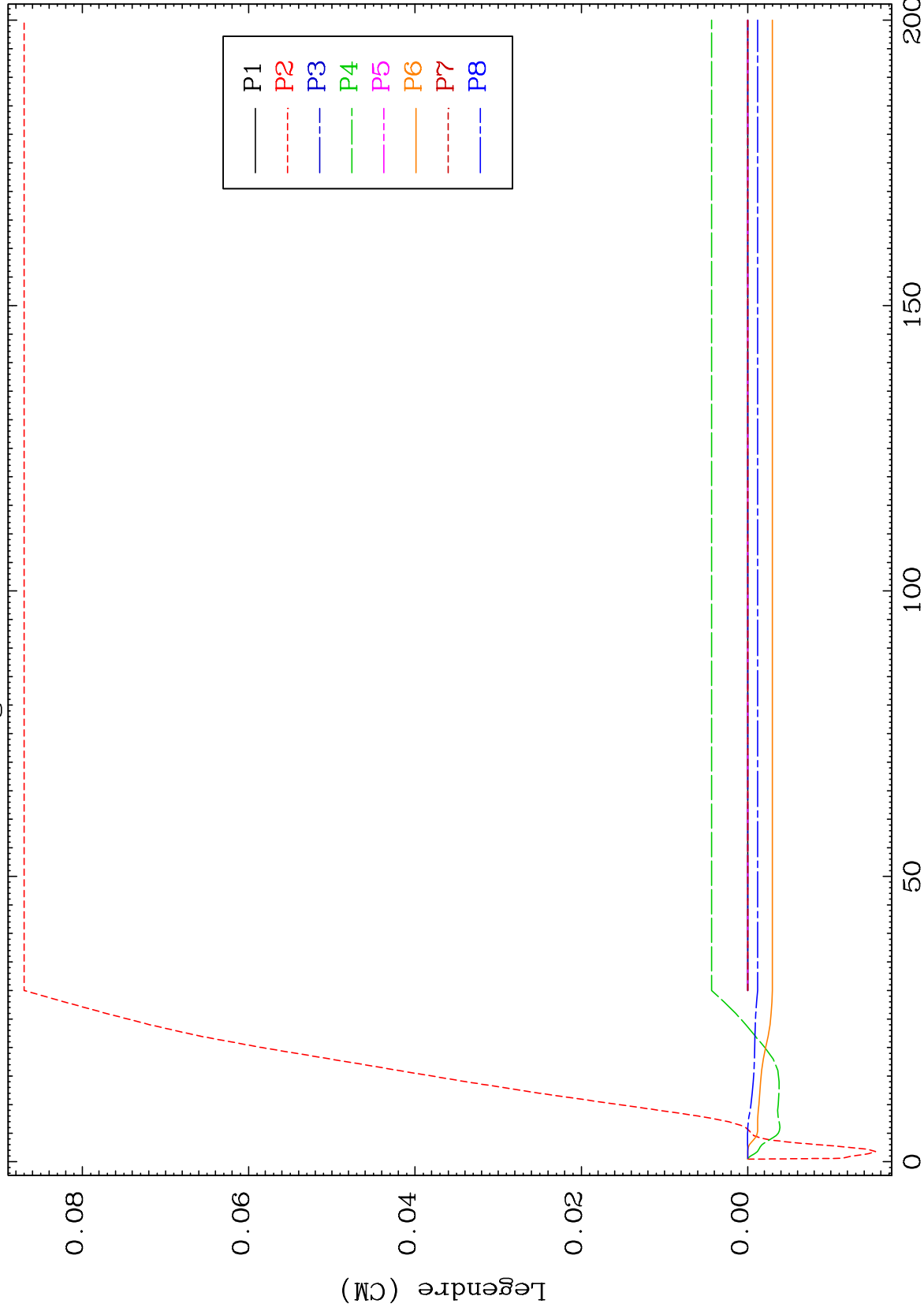
119 53-I -124



MAT 5316

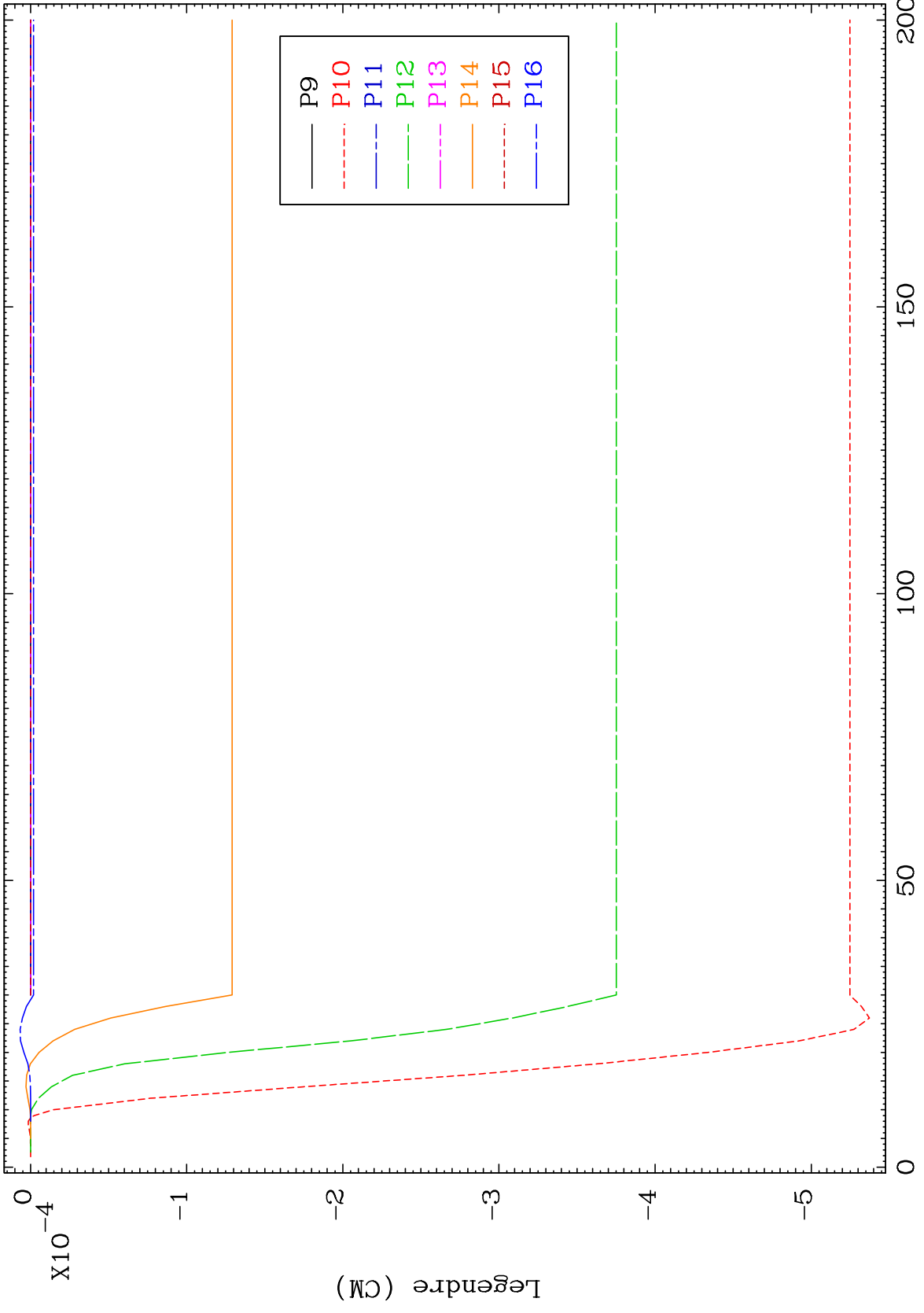
MT= 80 (n,n') Level  
Legendre Coefficients

53-I -124



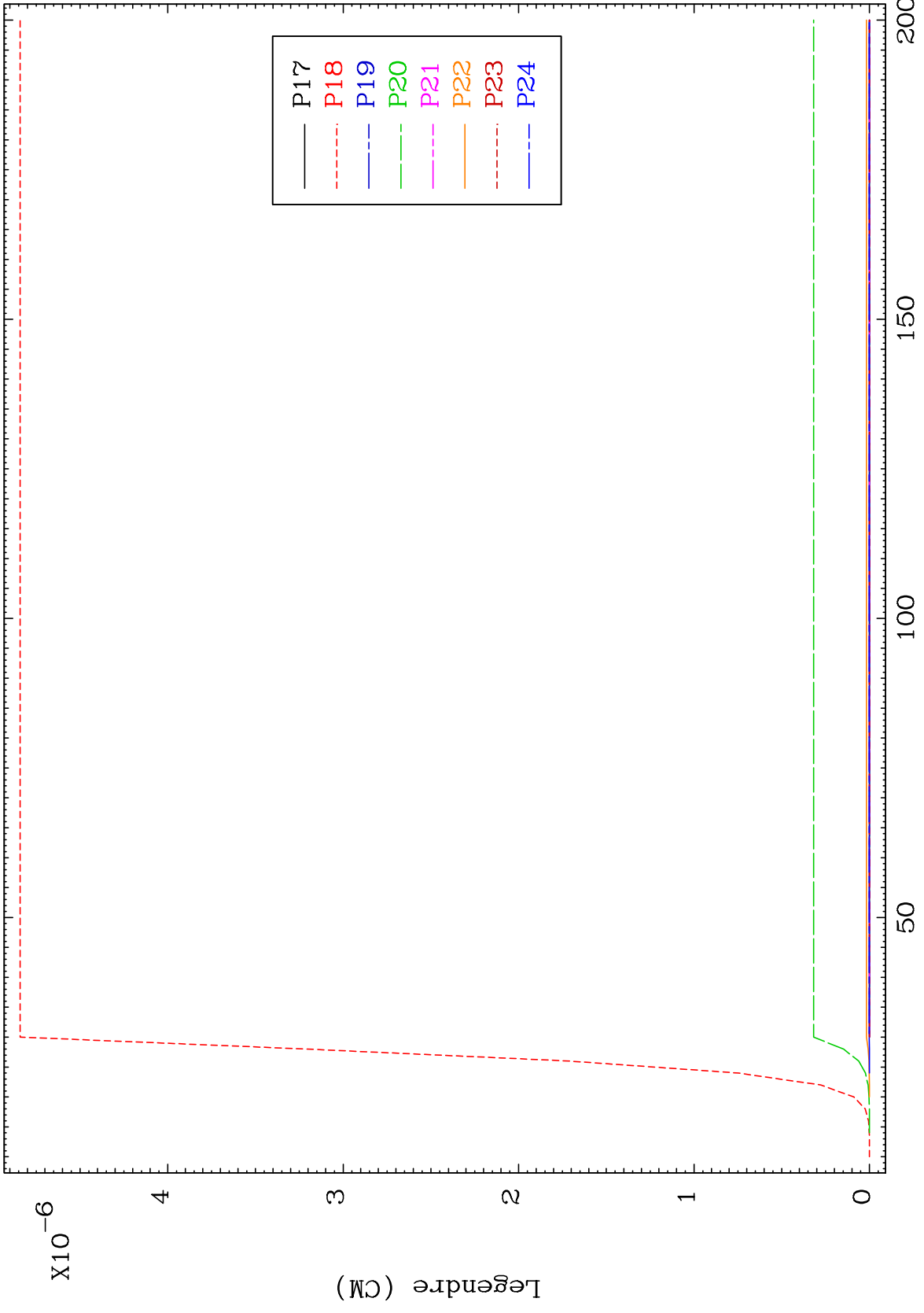
53-I -124

MAT 5316 MT= 80 (n,n') Level Legendre Coefficients 53-I -124



121 53-I -124

MAT 5316 MT= 80 (n,n') Level Legendre Coefficients 53-I -124



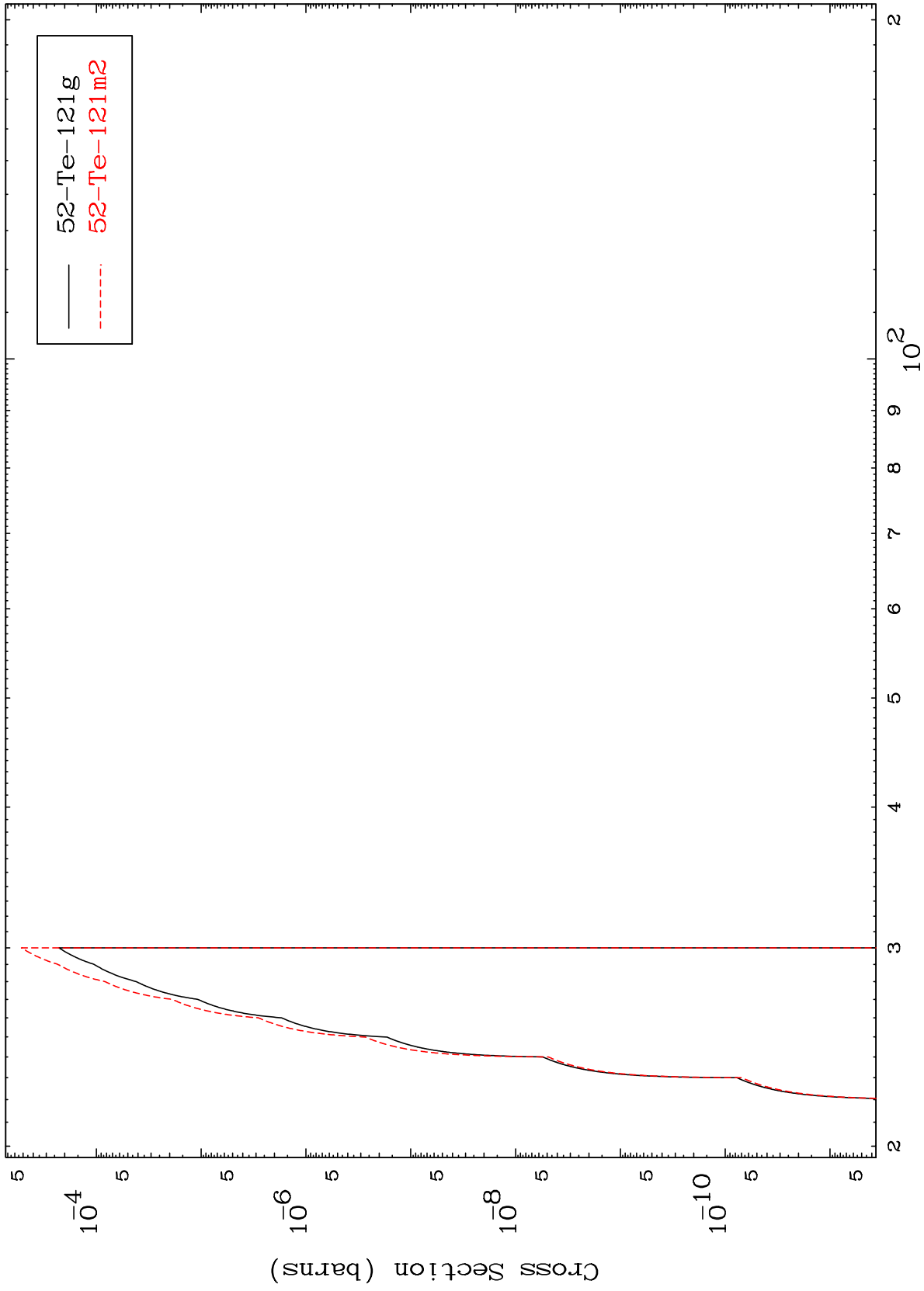
122 Incident Energy (MeV) 53-I -124

MAT 5316

(n,2n) d

53-I -124

Radionuclide Production Cross Section



123

Incident Energy (MeV)

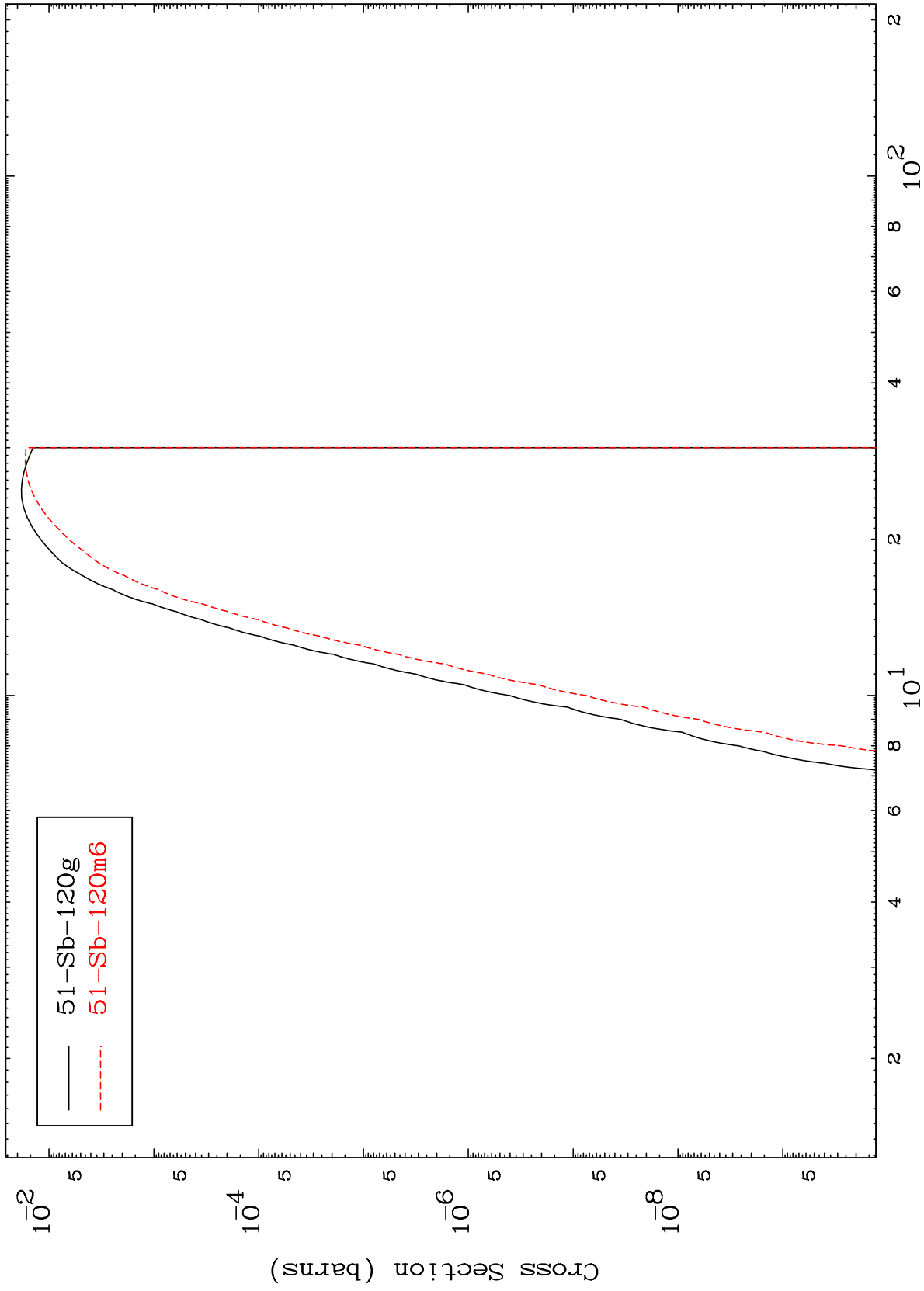
53-I -124

MAT 5316

(n,n')  $\alpha$

53-I -124

Radionuclide Production Cross Section



— 51-Sb-120g  
- - - 51-Sb-120m6

124

Incident Energy (MeV)

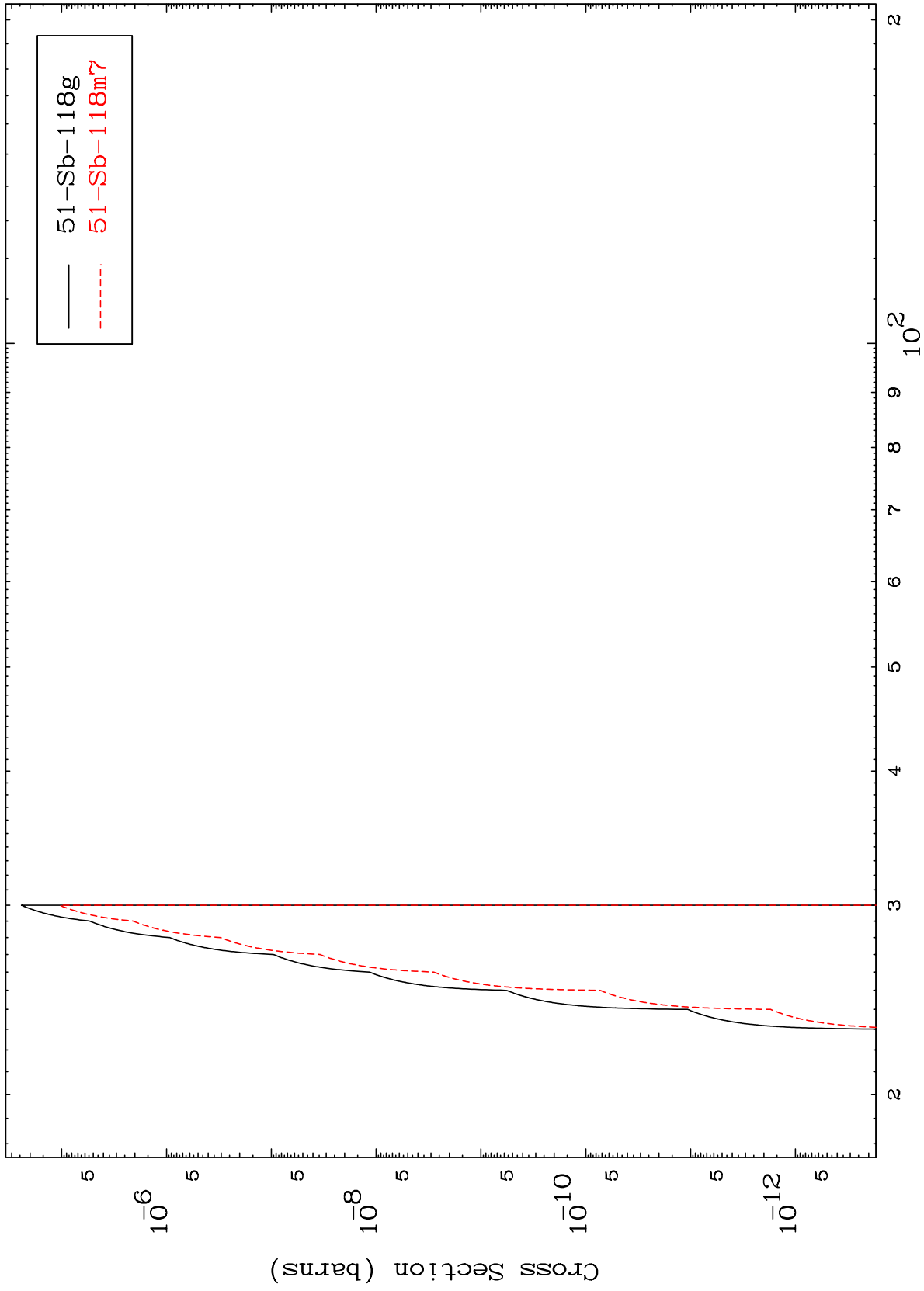
53-I -124

MAT 5316

(n,3n)  $\alpha$

53-I -124

Radionuclide Production Cross Section



125

Incident Energy (MeV)

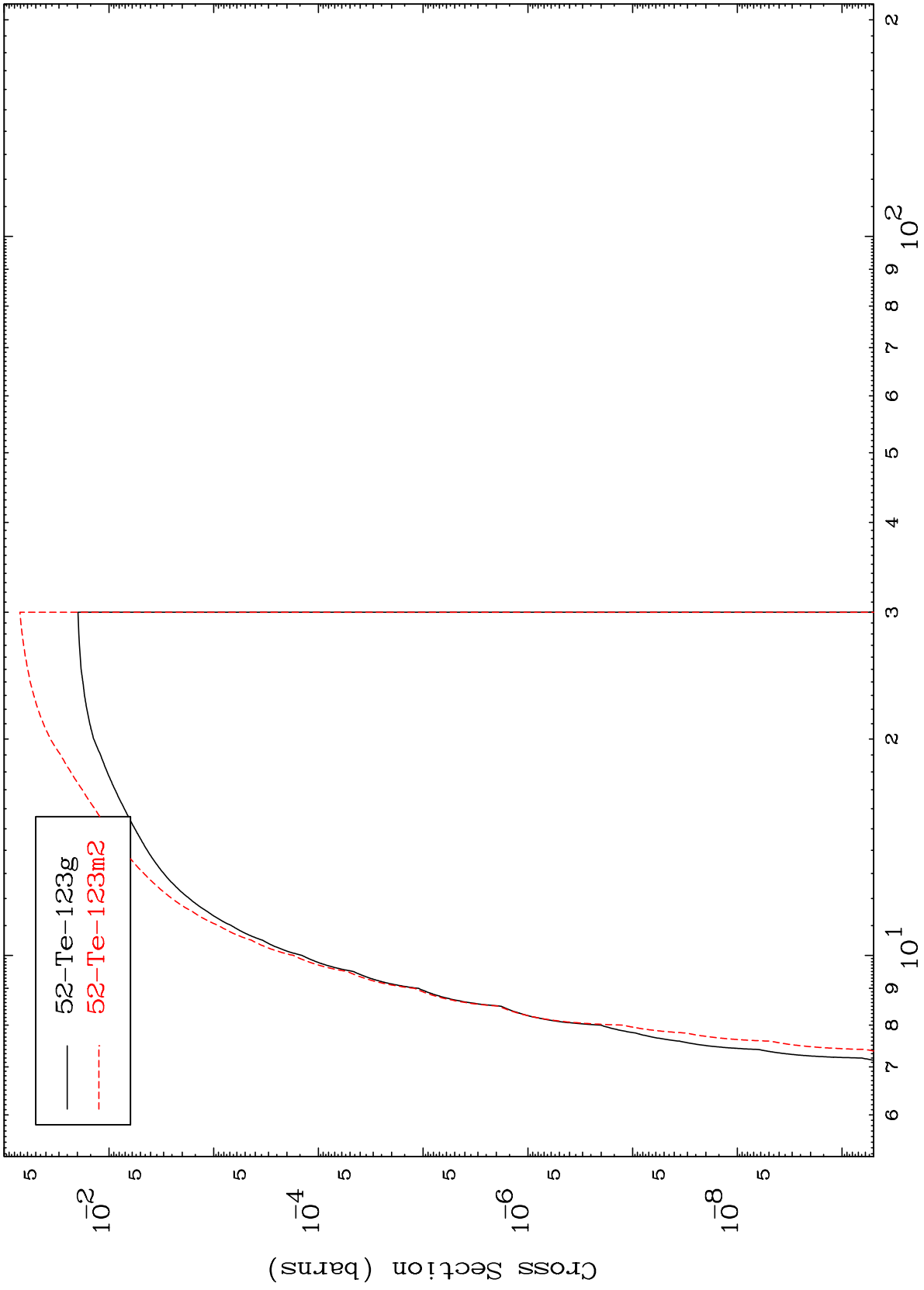
53-I -124

MAT 5316

(n,n') p

53-I -124

Radionuclide Production Cross Section



126

Incident Energy (MeV)

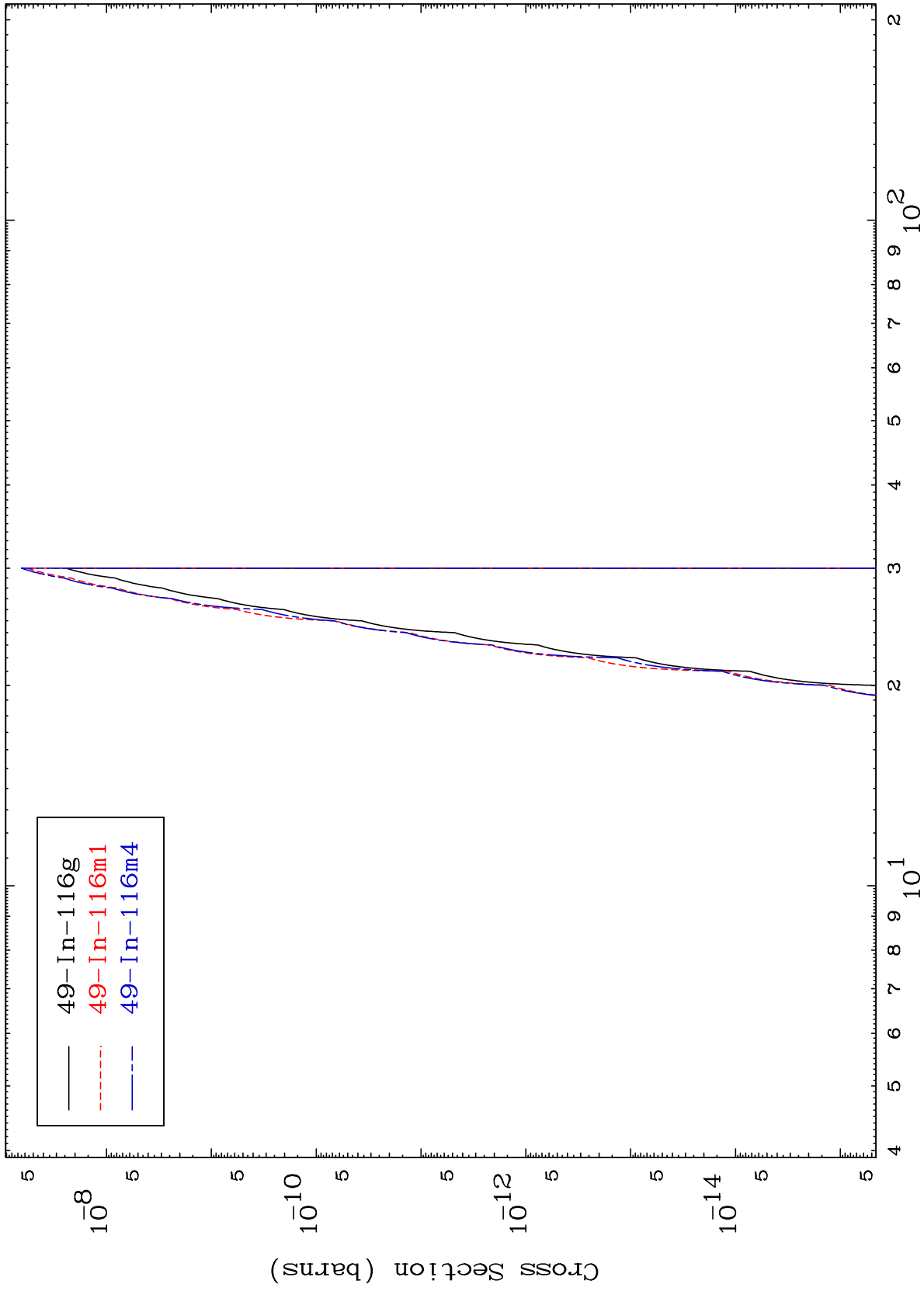
53-I -124

MAT 5316

(n,n') 2 $\alpha$

53-I -124

Radionuclide Production Cross Section



127

Incident Energy (MeV)

53-I -124

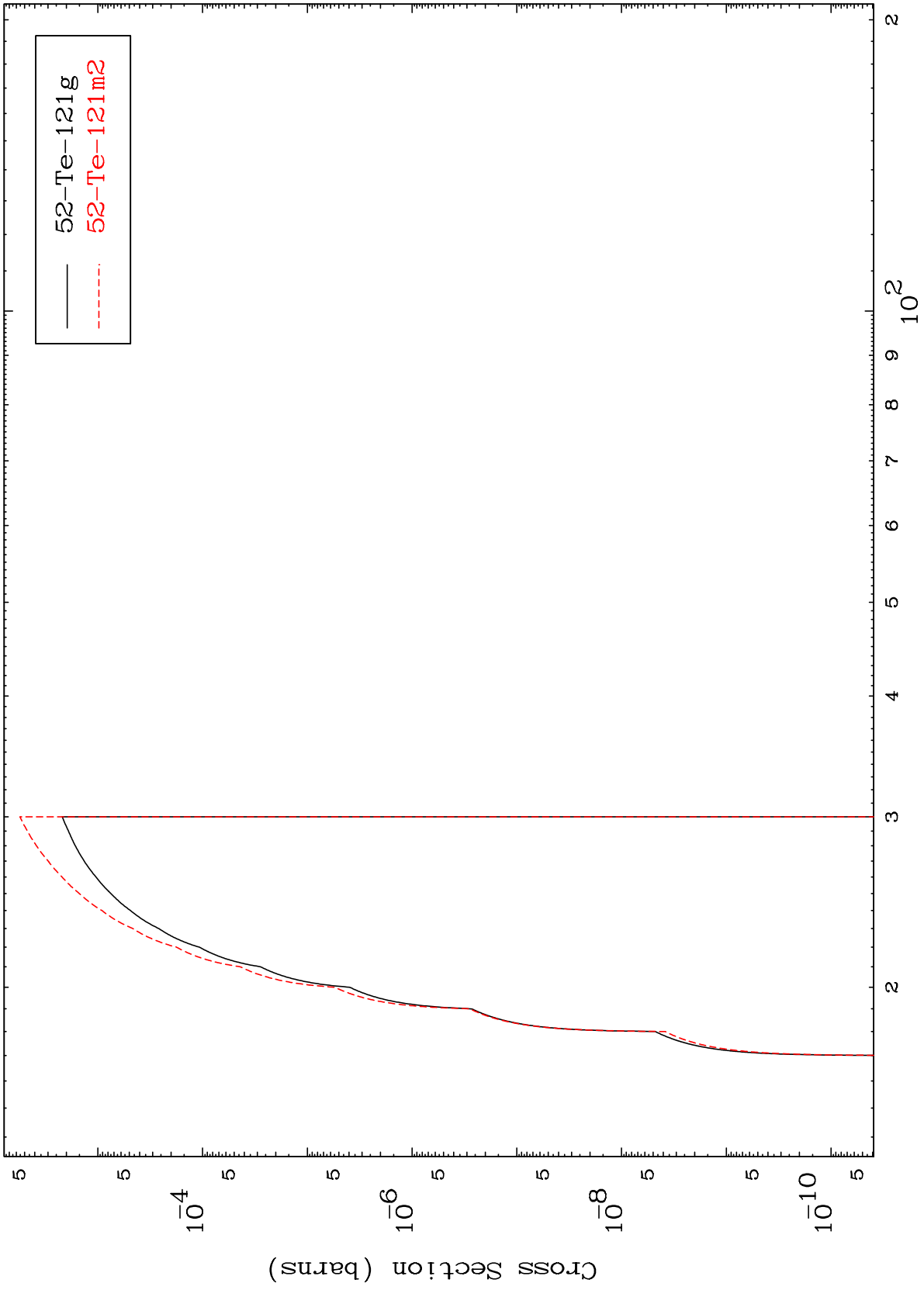


MAT 5316

(n,n') t

53-I -124

Radionuclide Production Cross Section

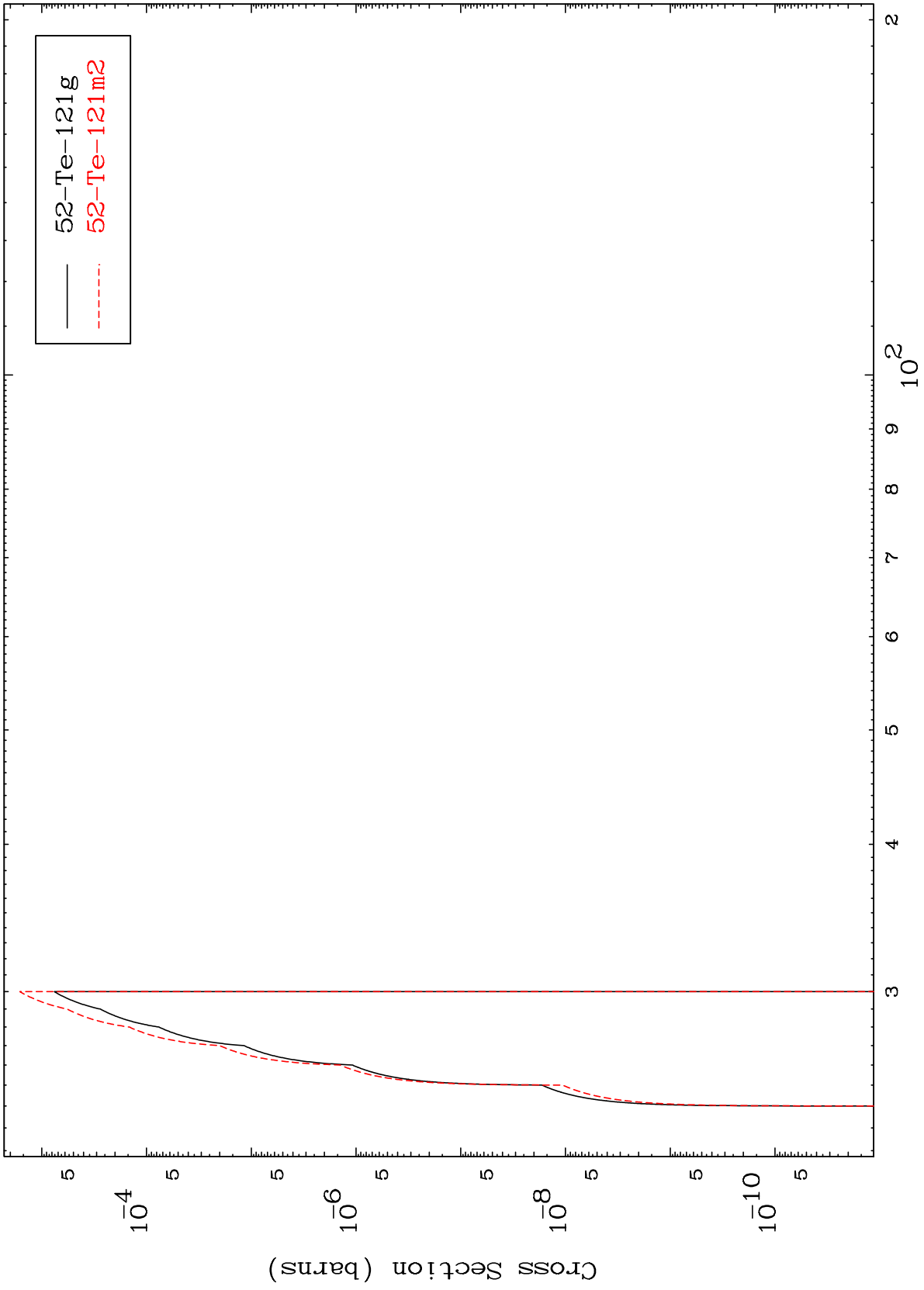


128

Incident Energy (MeV)

53-I -124

Radionuclide Production Cross Section

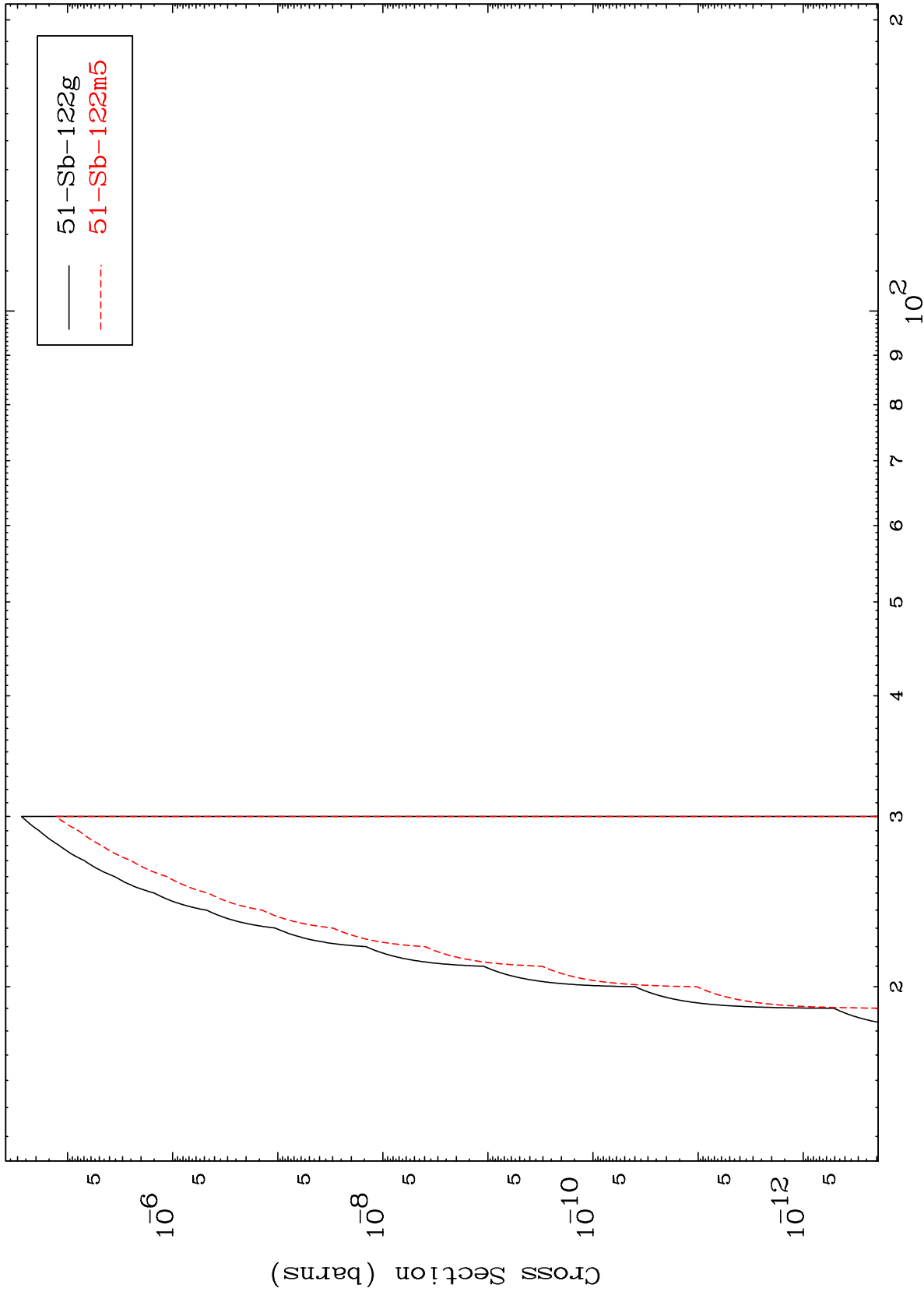


MAT 5316

(n,2n) p

53-I -124

Radionuclide Production Cross Section



130

Incident Energy (MeV)

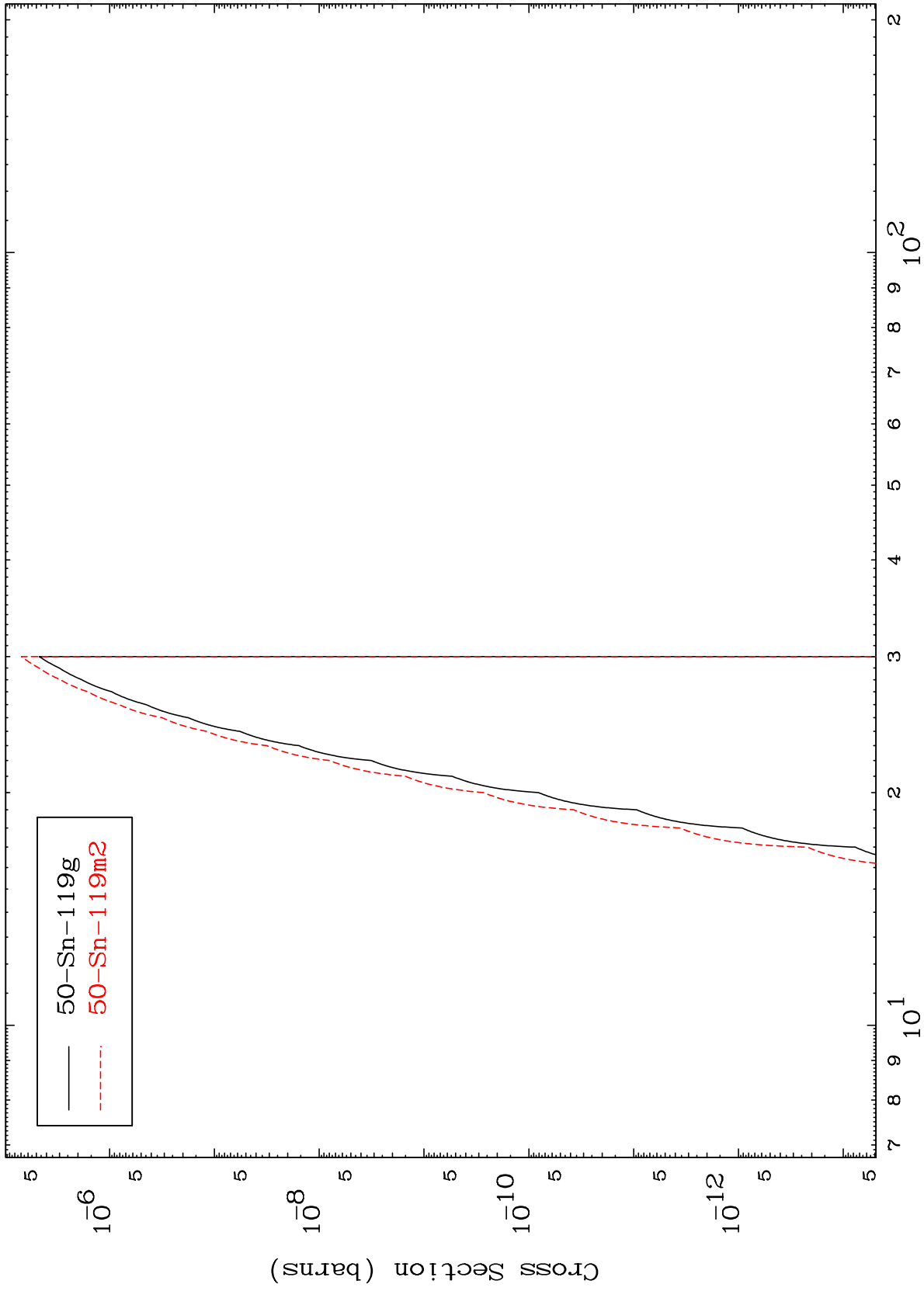
53-I -124

MAT 5316

(n,n') p  $\alpha$

53-I -124

Radionuclide Production Cross Section



131

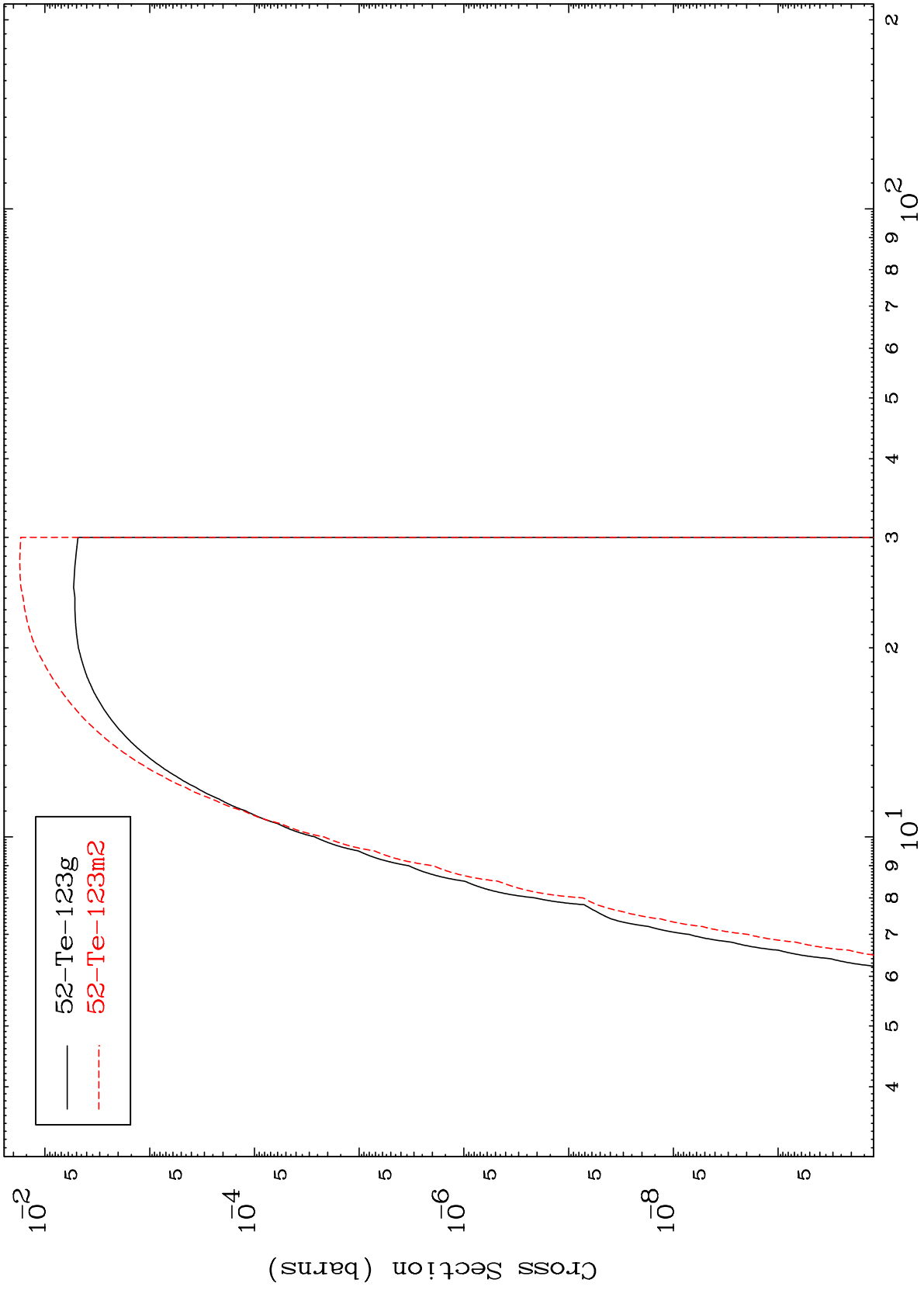
Incident Energy (MeV)

53-I -124

MAT 5316

53-I -124

(n,d)  
Radionuclide Production Cross Section



132

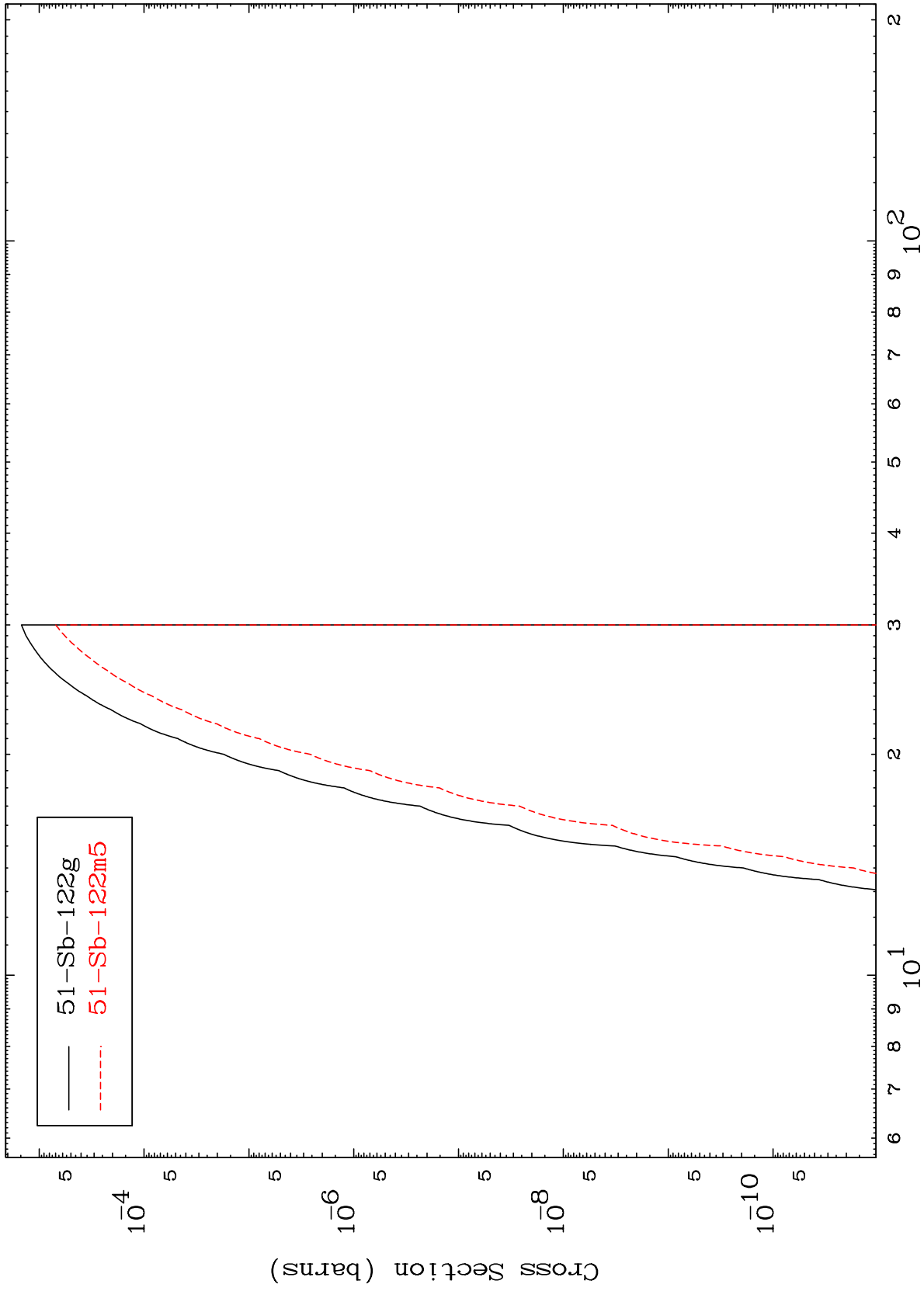
53-I -124

MAT 5316

(n,He-3)

53-I -124

Radionuclide Production Cross Section



51-Sb-122g  
51-Sb-122m5

133

Incident Energy (MeV)

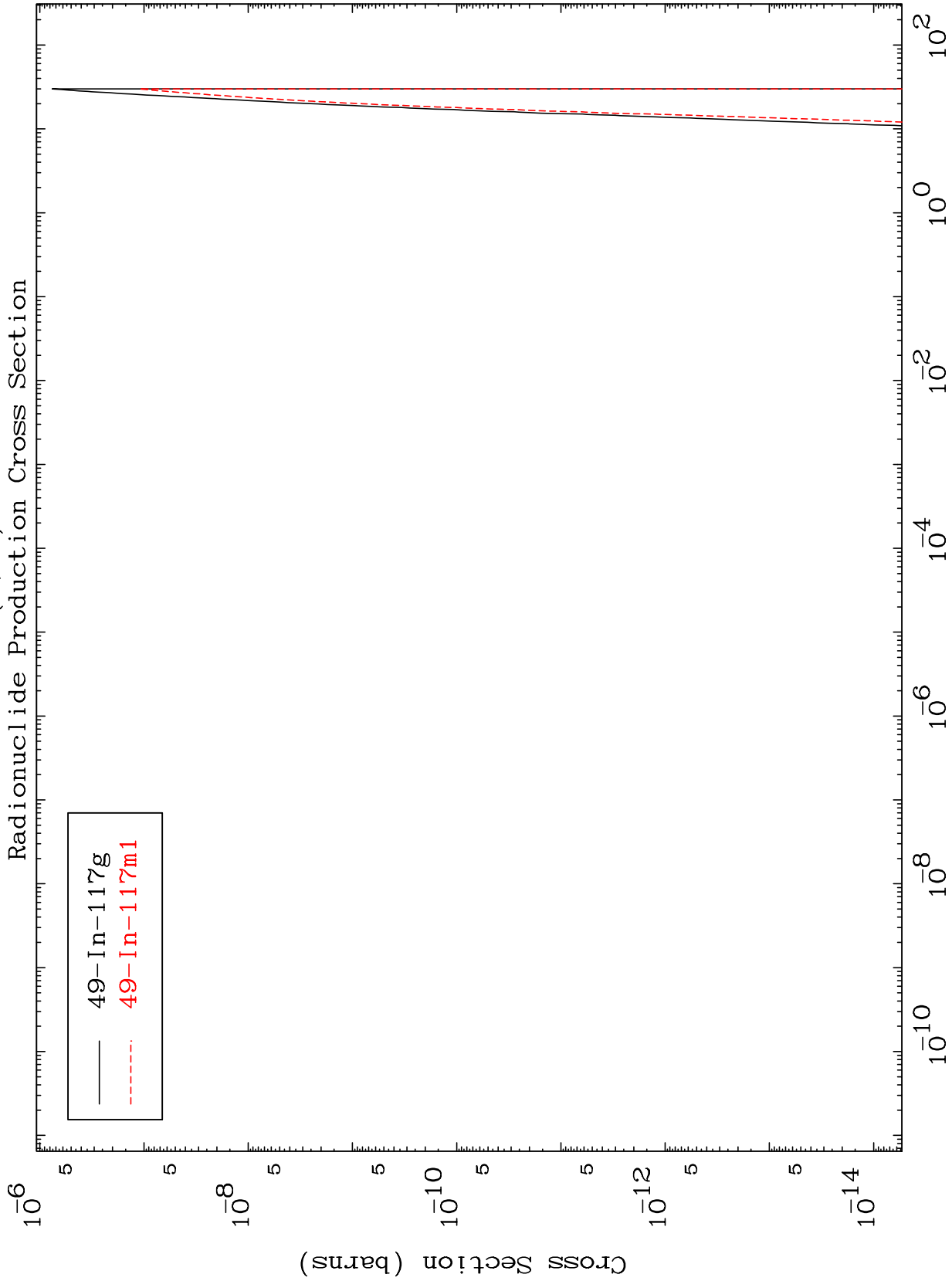
53-I -124

MAT 5316

(n,2α)

53-I -124

Radionuclide Production Cross Section



— 49-In-117g  
- - - 49-In-117m1

134

Incident Energy (MeV)

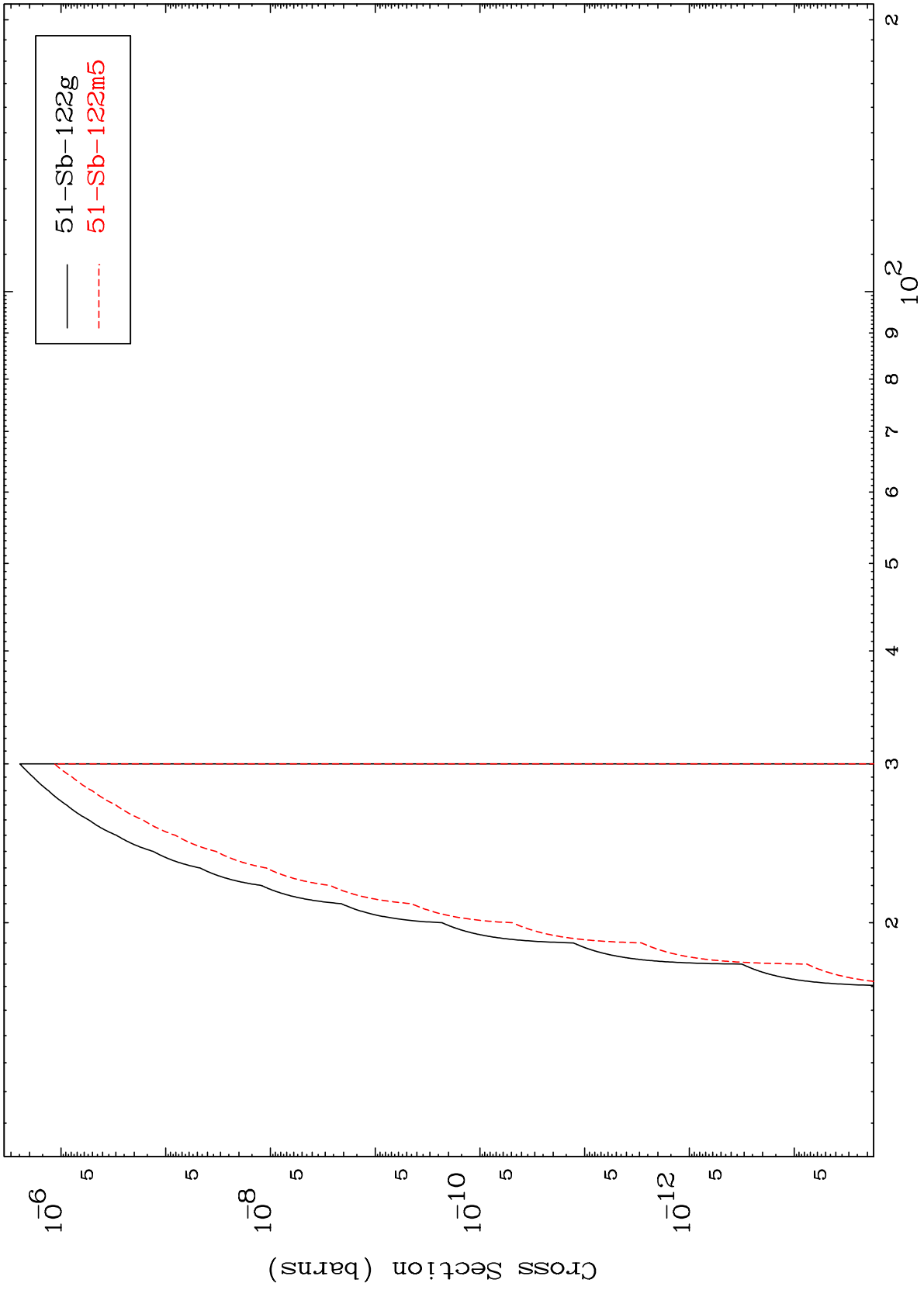
53-I -124

MAT 5316

(n,p) d

53-I -124

Radionuclide Production Cross Section



135

Incident Energy (MeV)

53-I -124



Radionuclide Production Cross Section

