

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

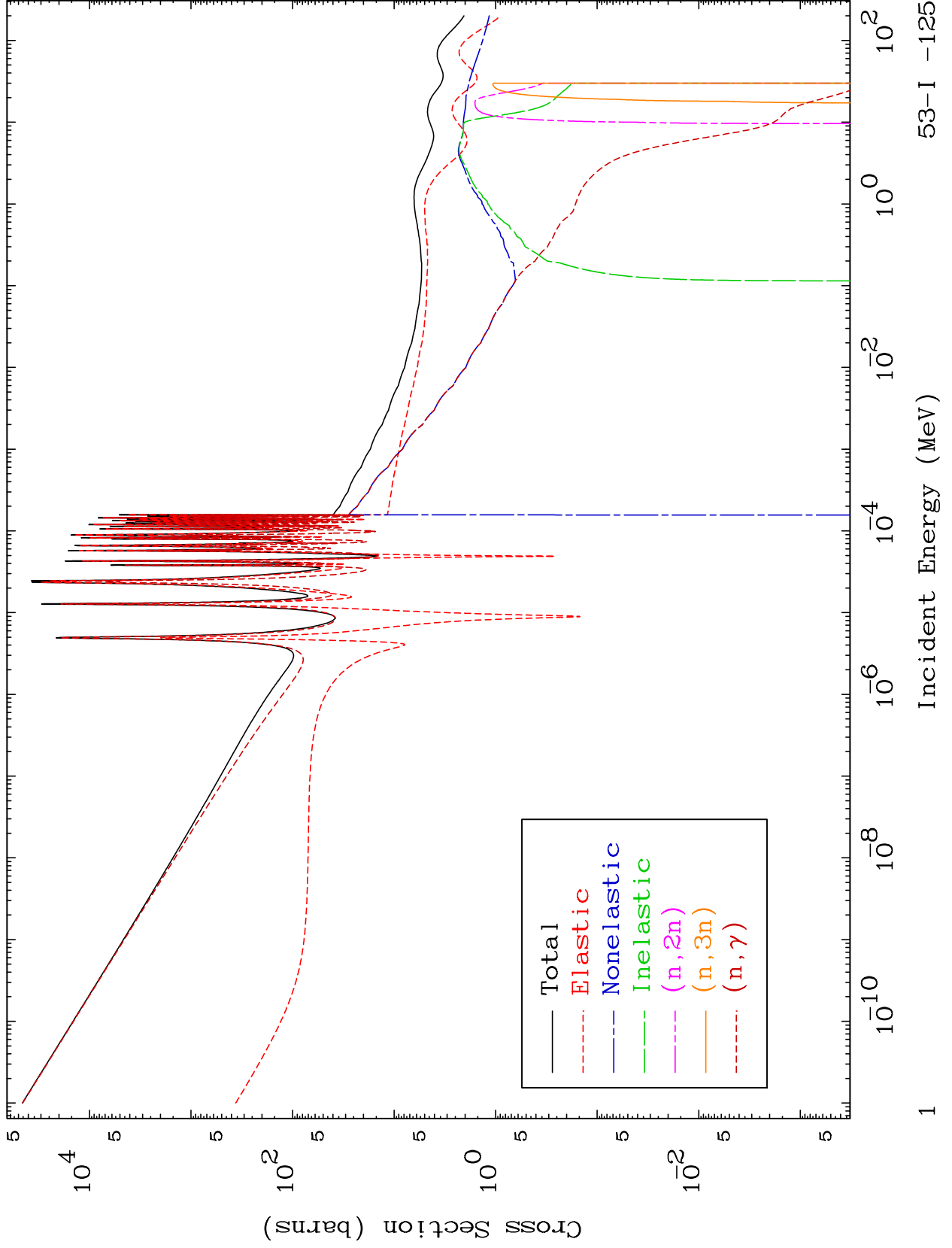
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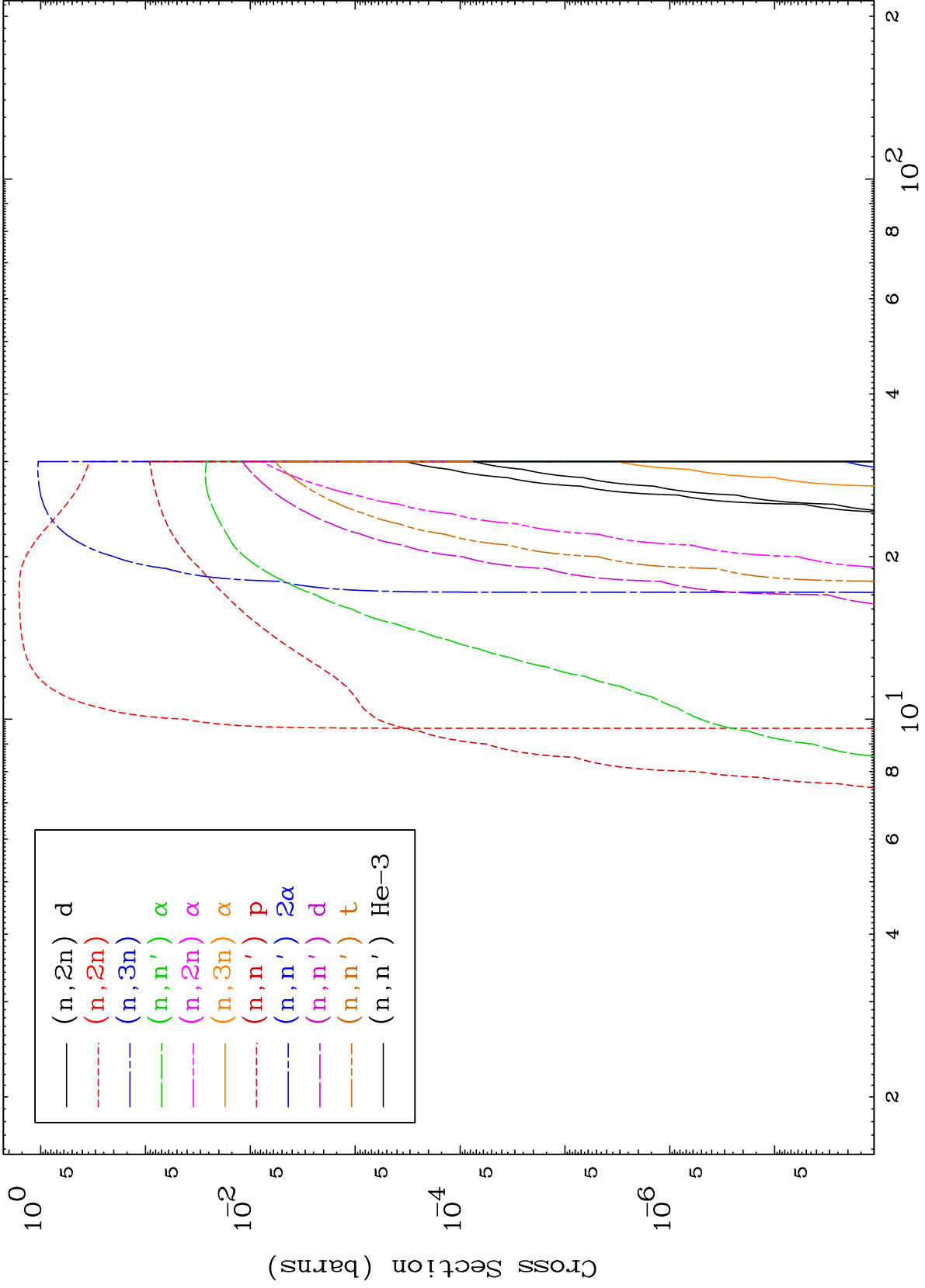
Press Mouse Button to Start

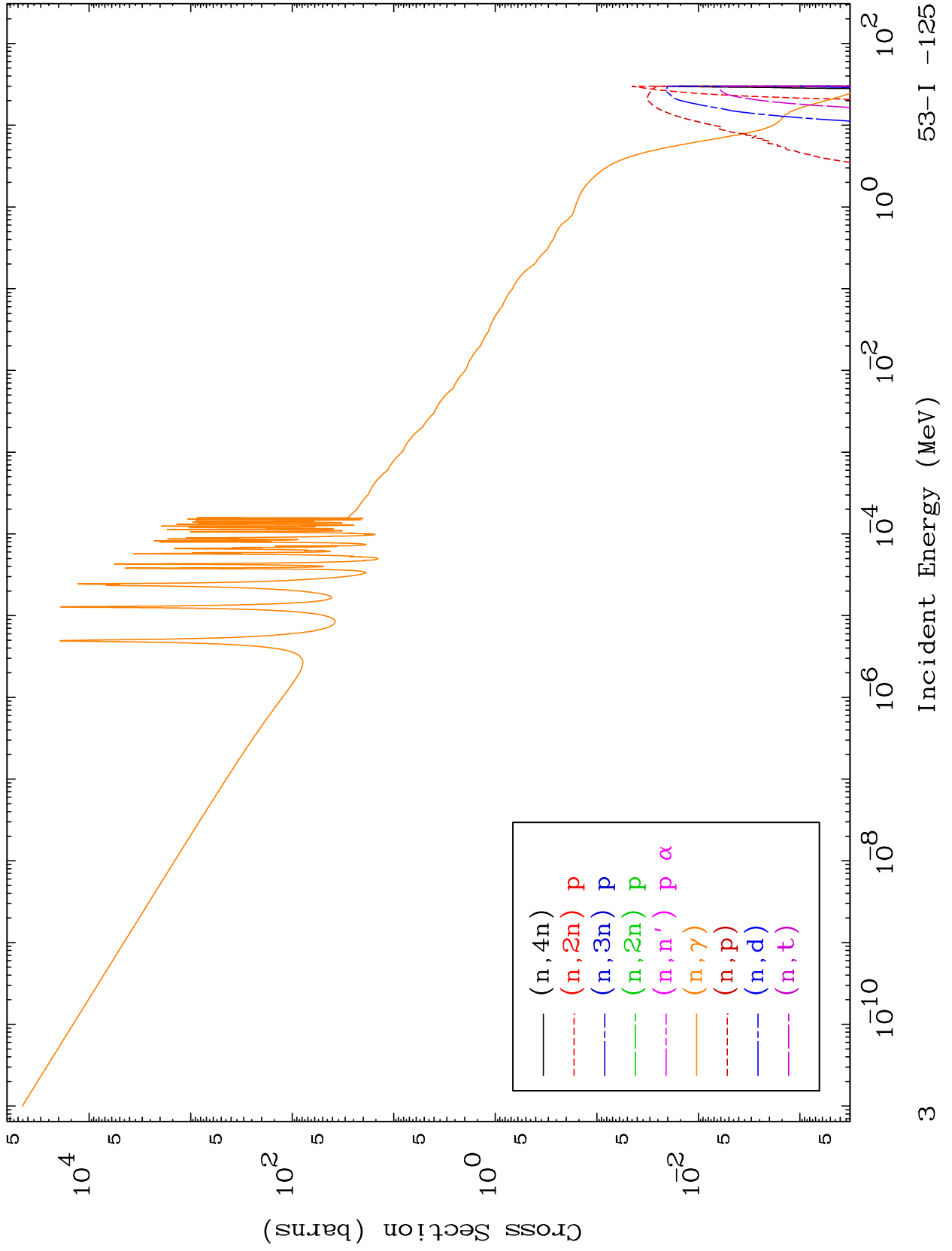
MAT 5319

Neutron Major  
293 Kelvin Cross Sections

53-I -125



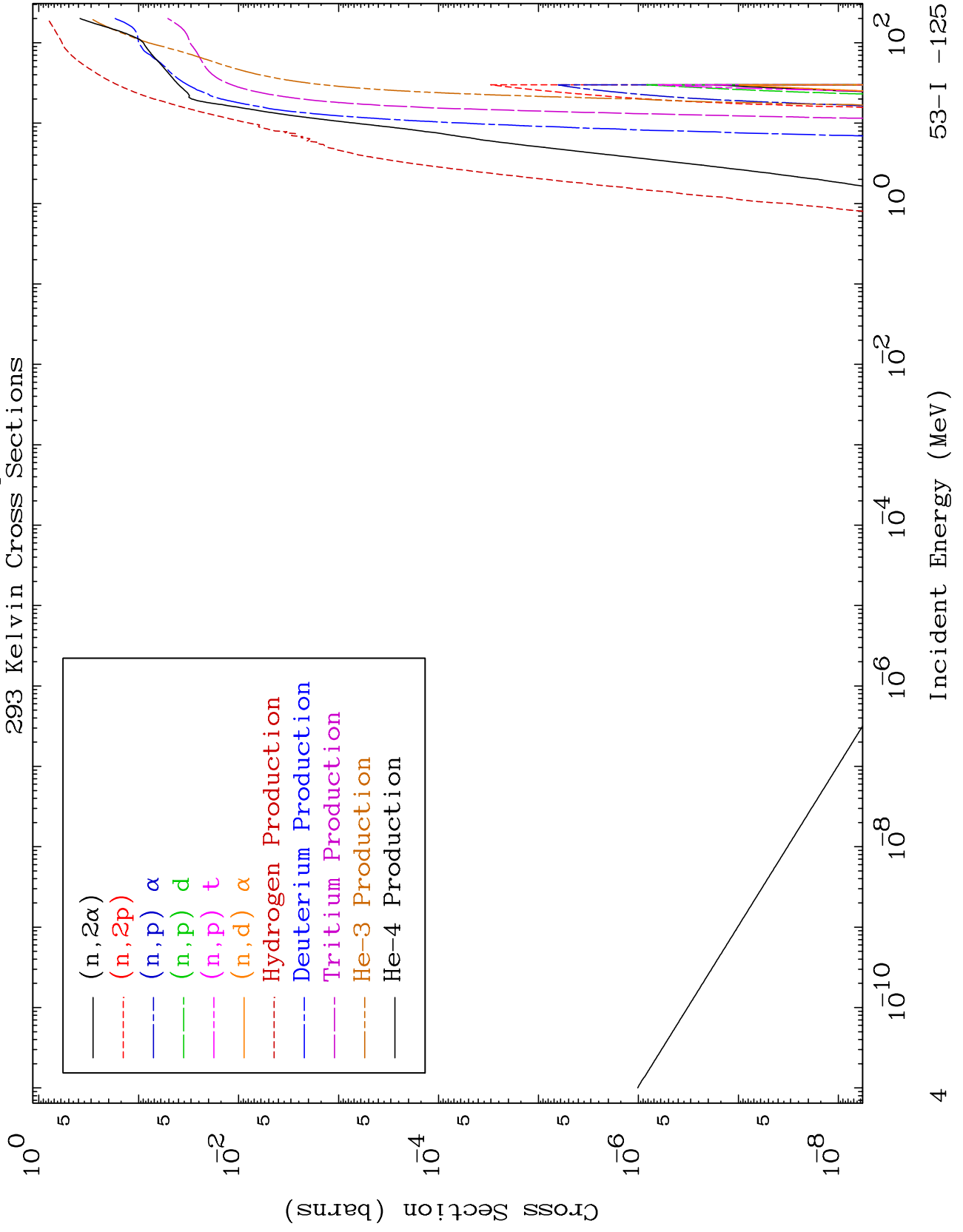


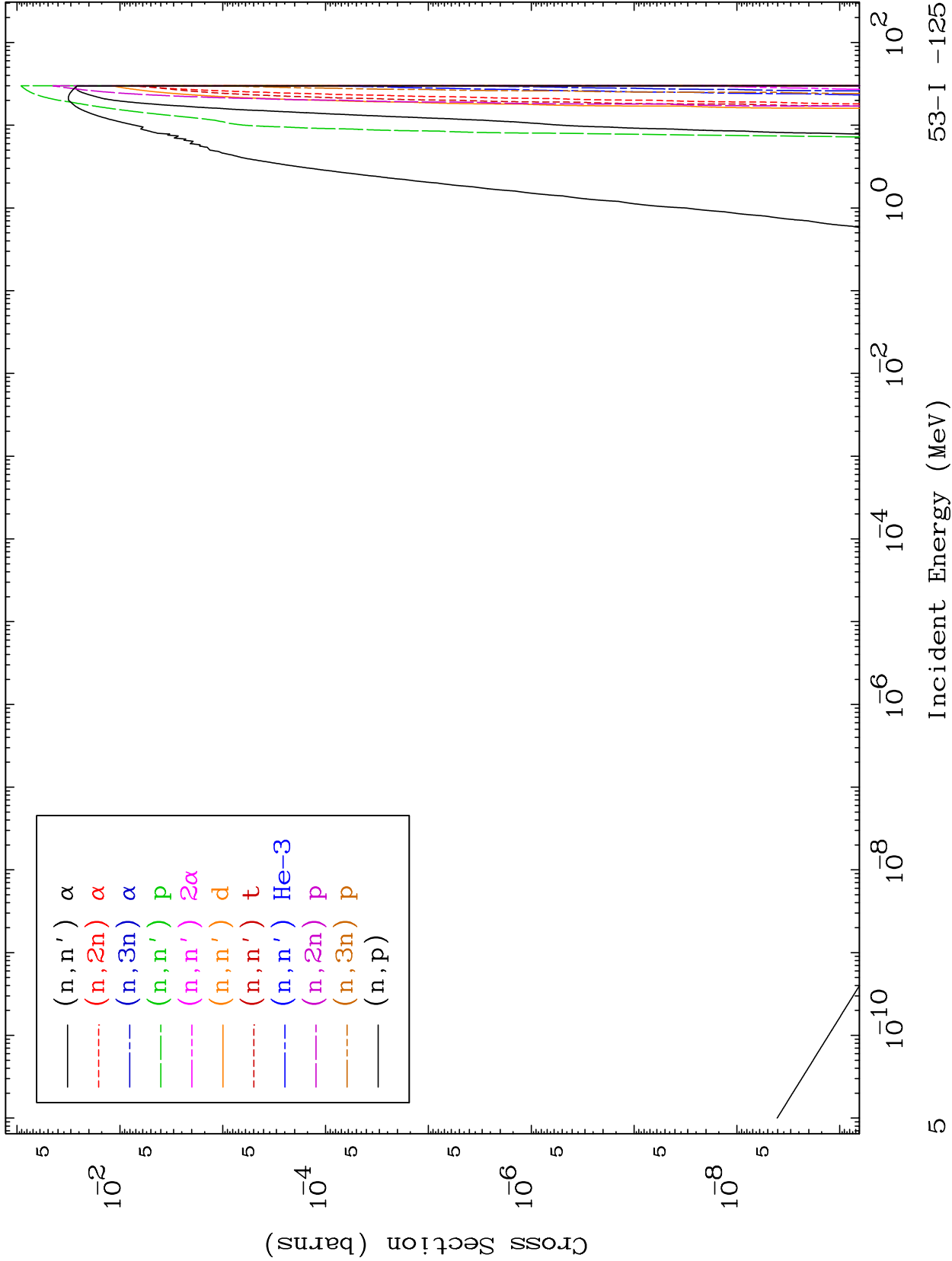


MAT 5319

Neutron Absorption  
293 Kelvin Cross Sections

53-I -125

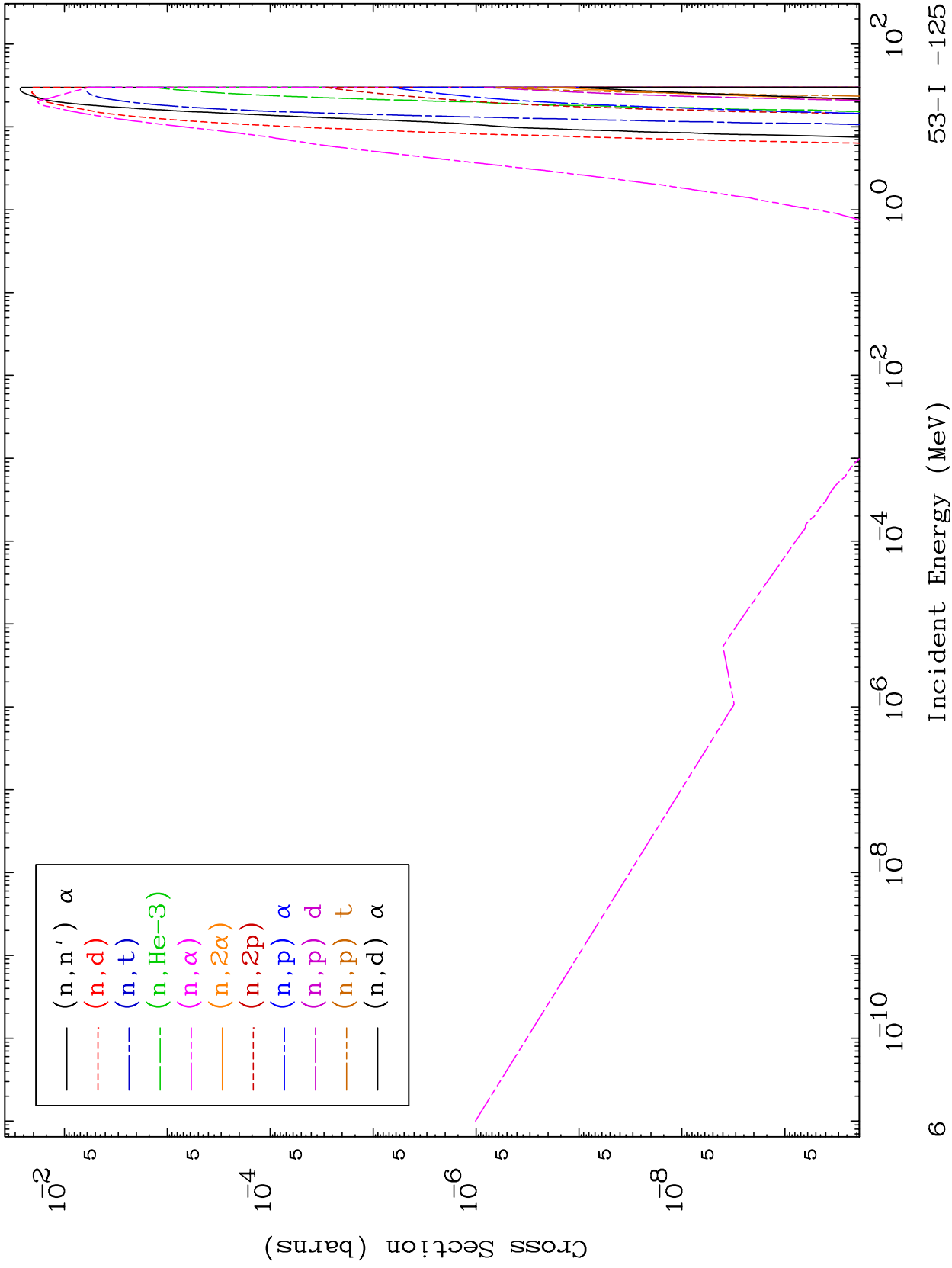




MAT 5319

Charged Particle  
293 Kelvin Cross Sections

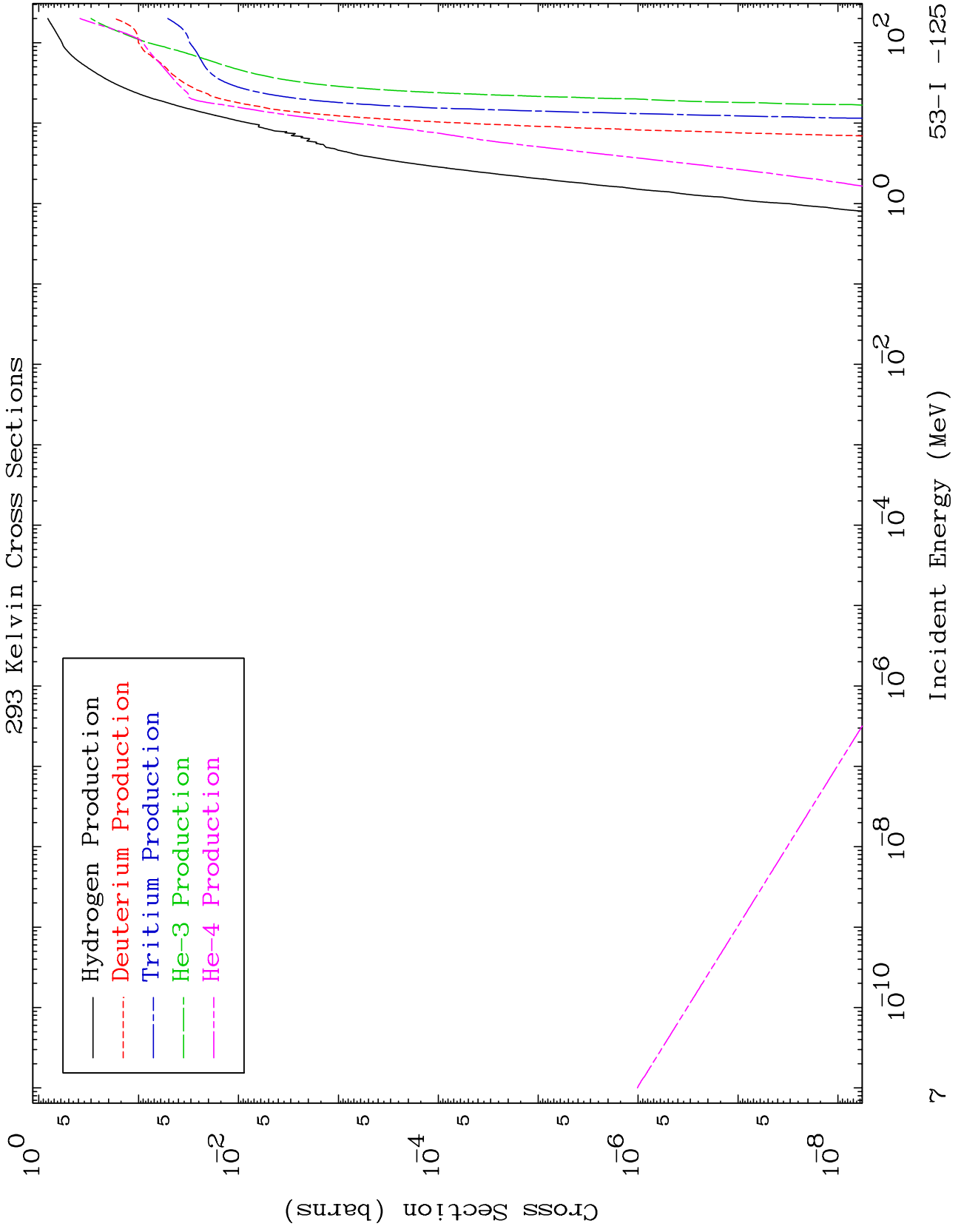
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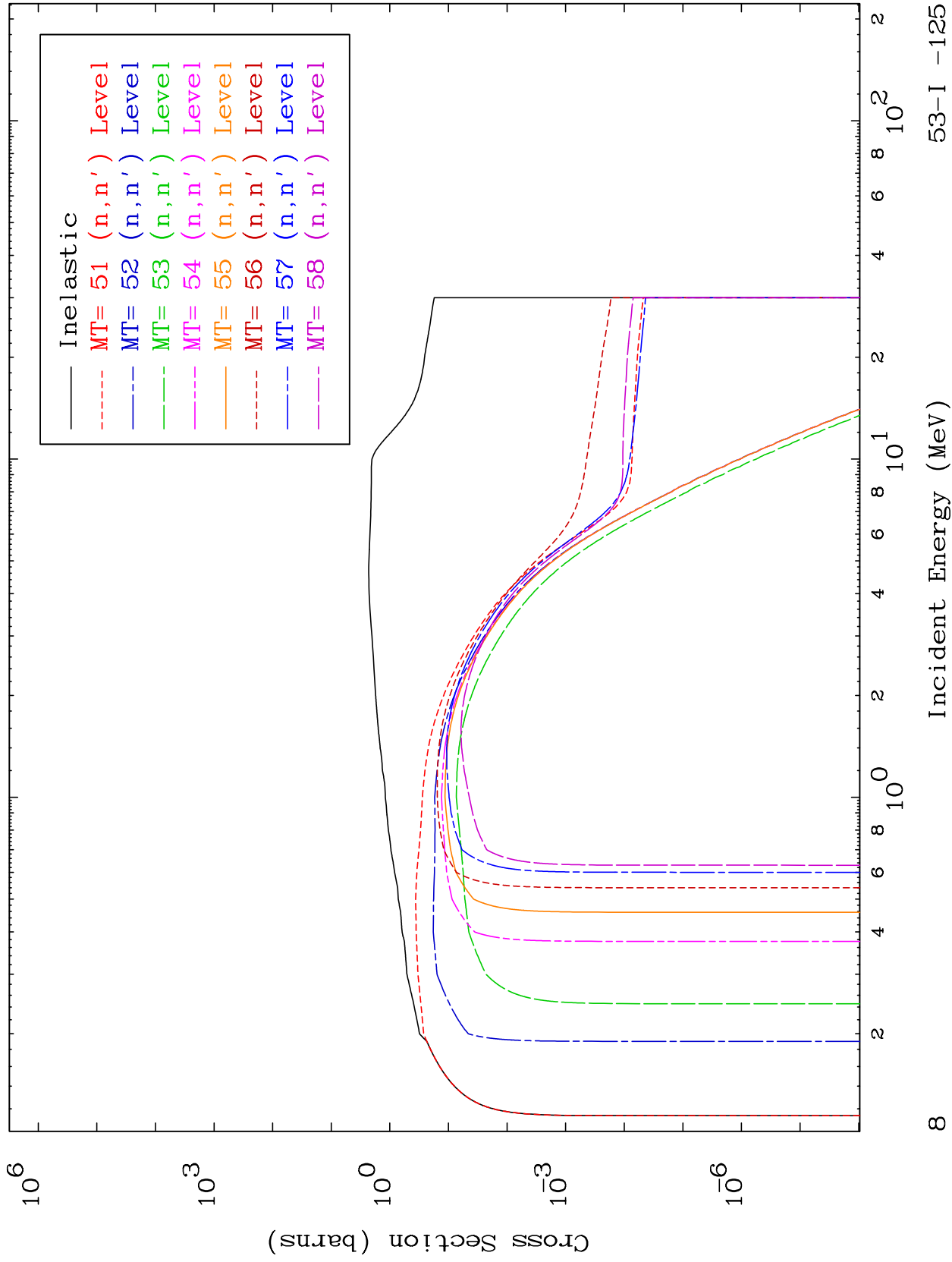
MAT 5319

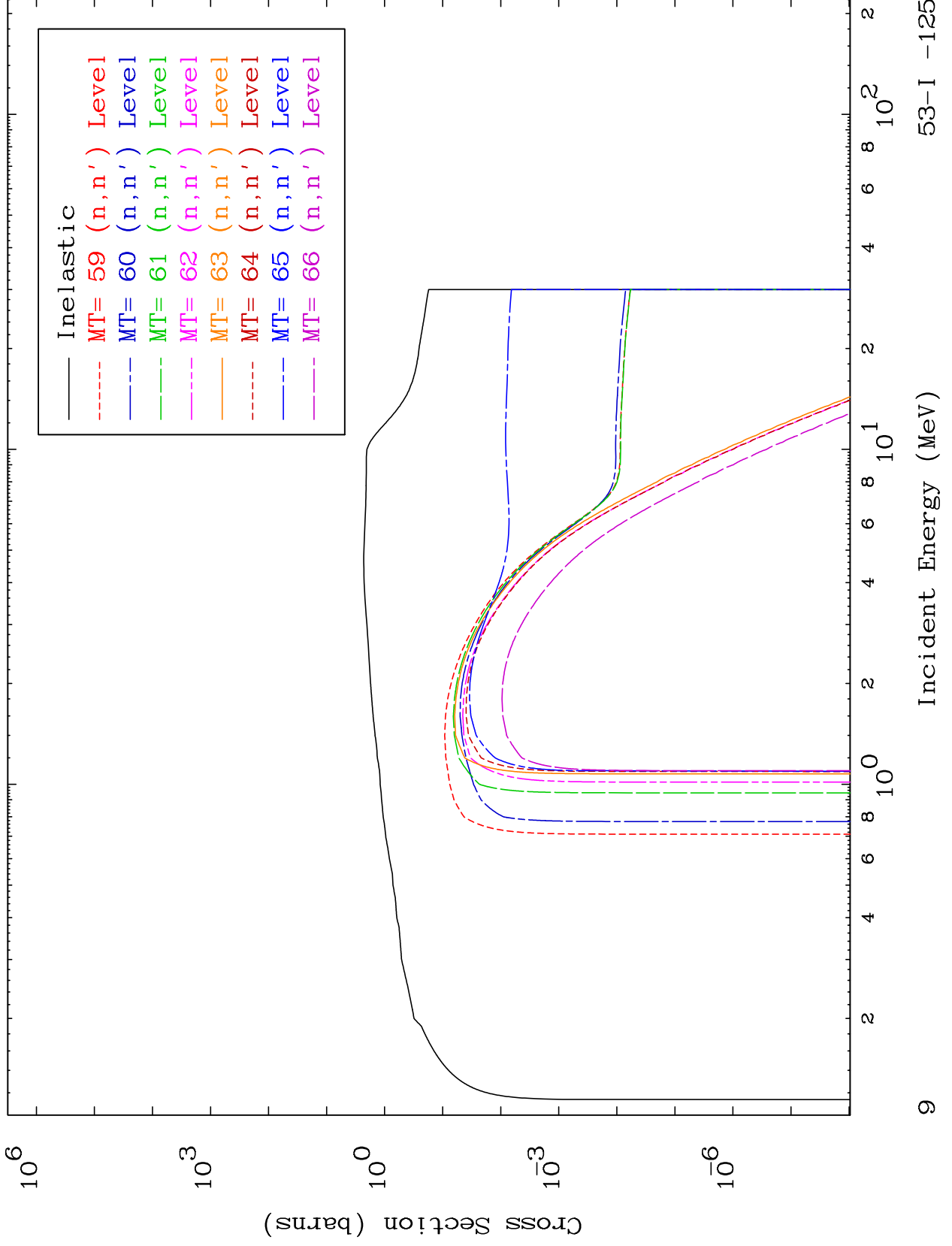
Particle Production  
293 Kelvin Cross Sections

53-I -125







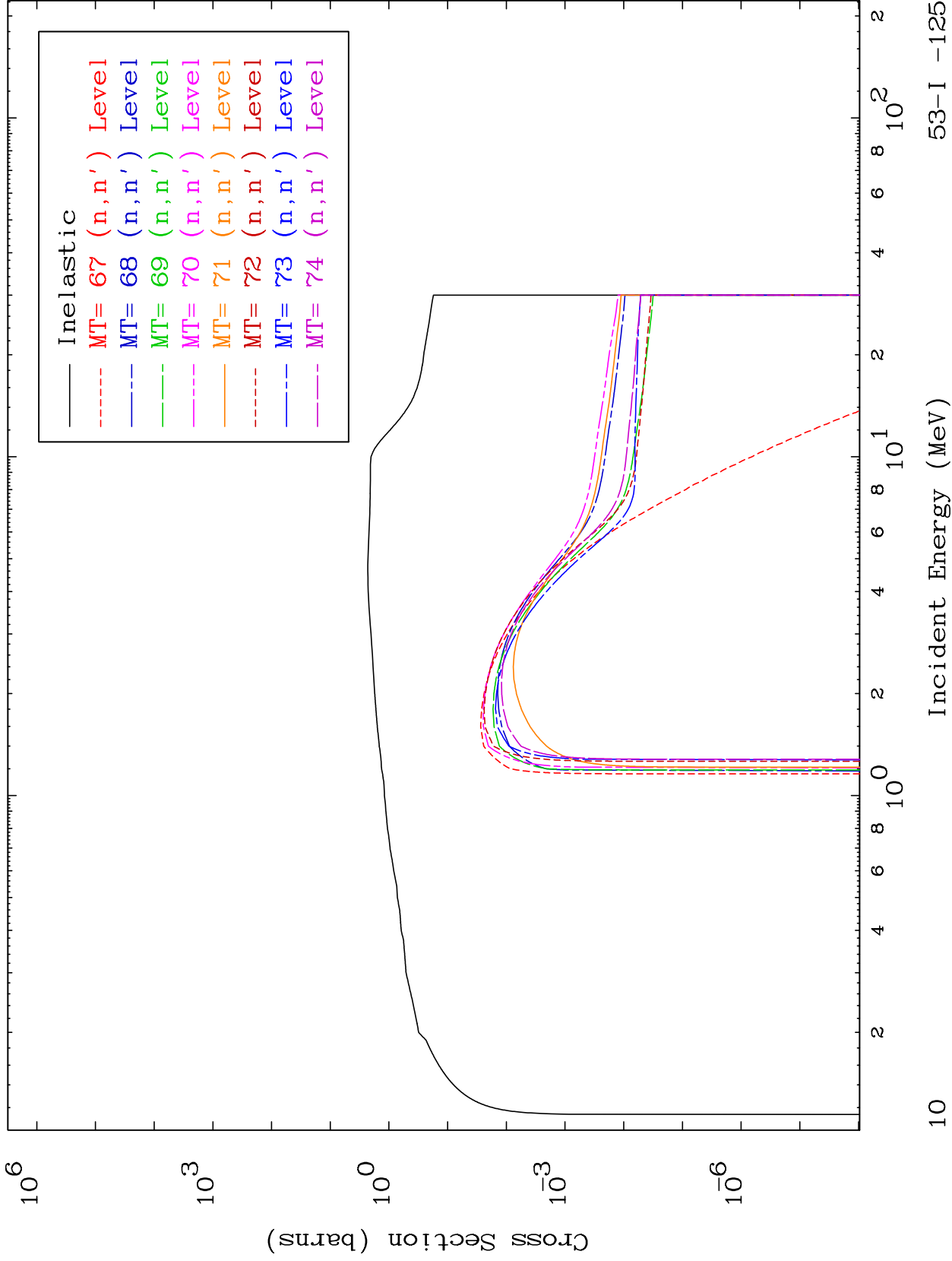


MAT 5319

(n,n') Levels

53-I -125

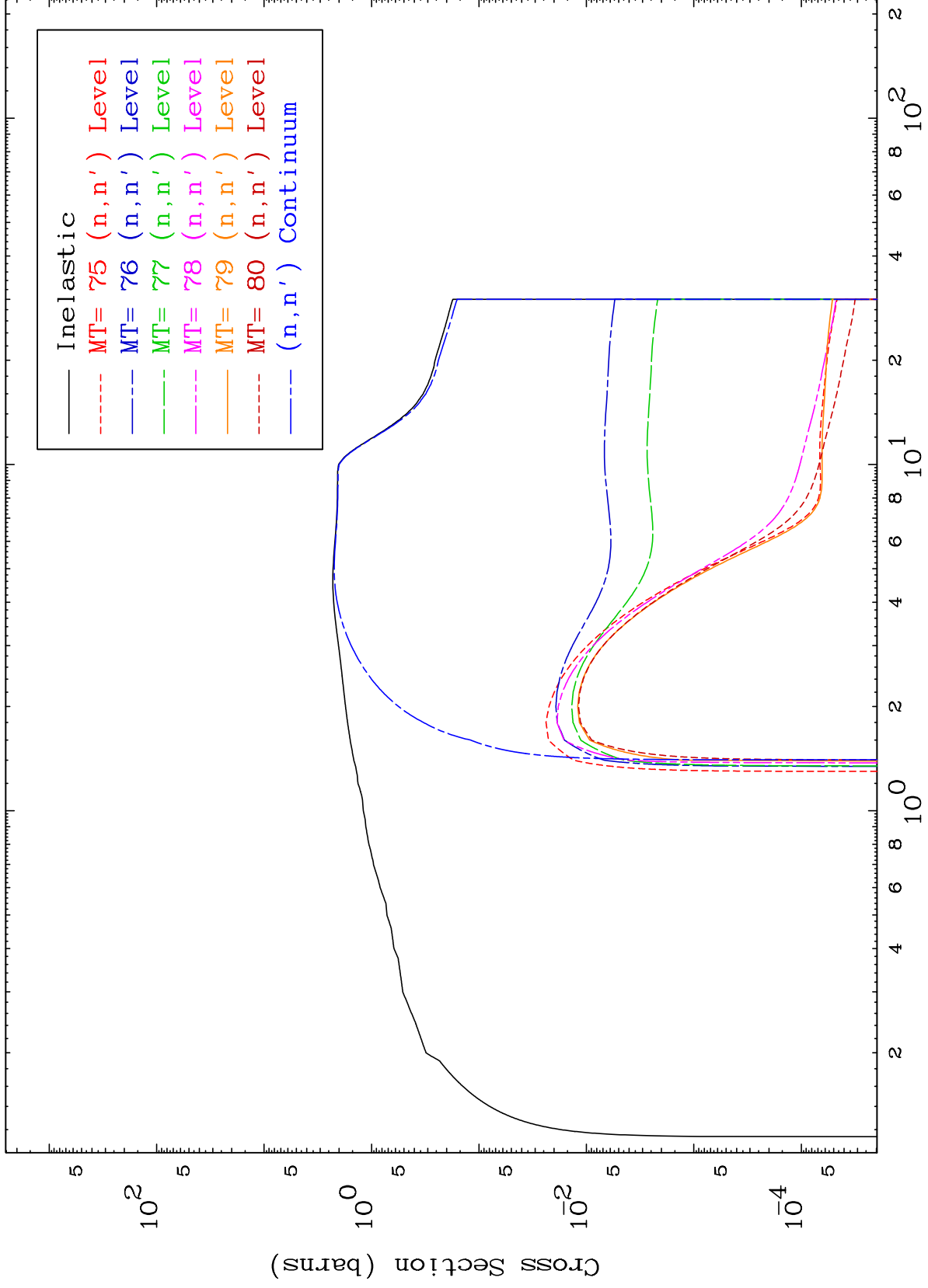
293 Kelvin Cross Sections



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Incident Energy (MeV)

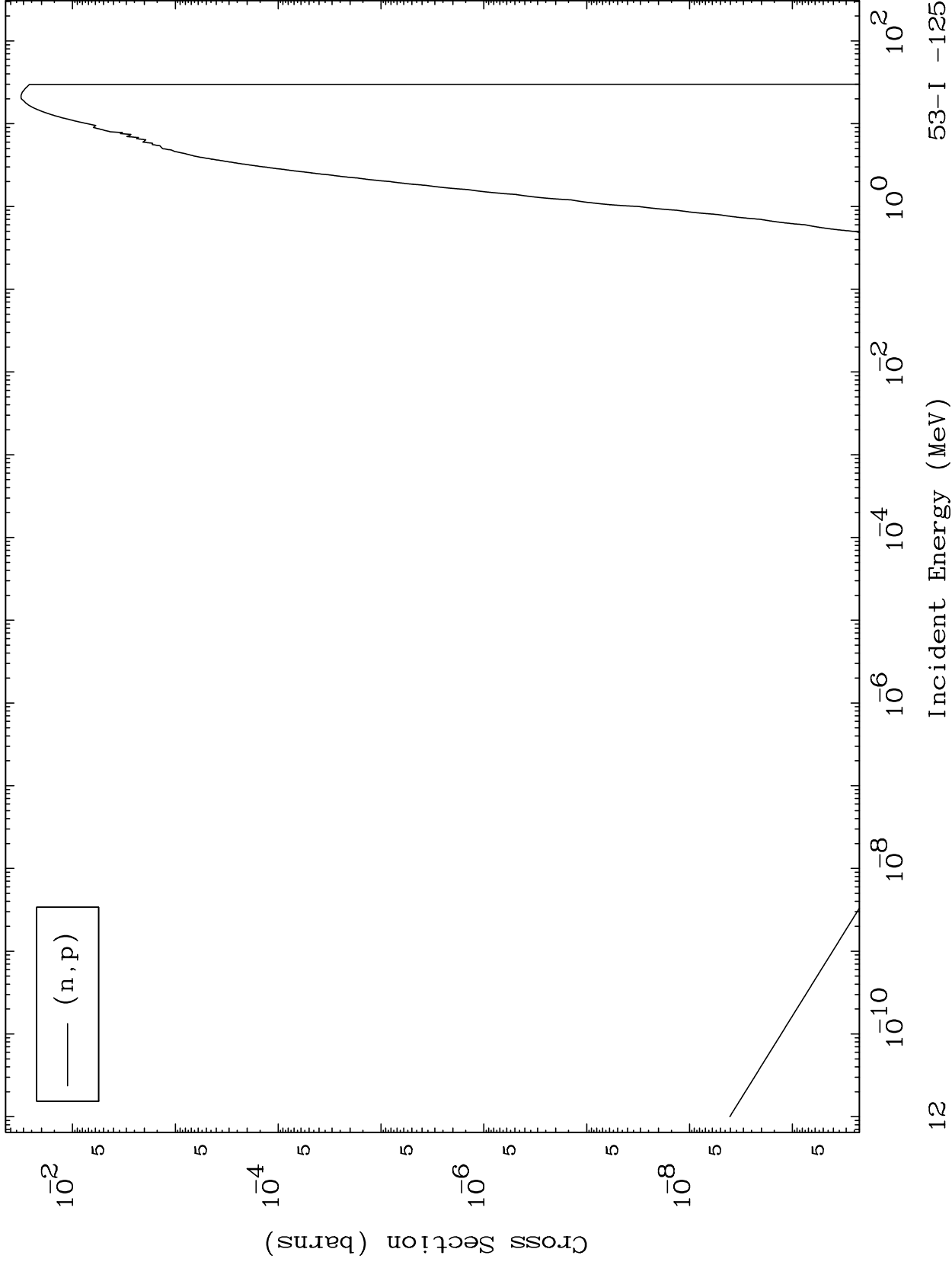
53-I -125



MAT 5319

(n,p) Levels  
293 Kelvin Cross Sections

53-I -125



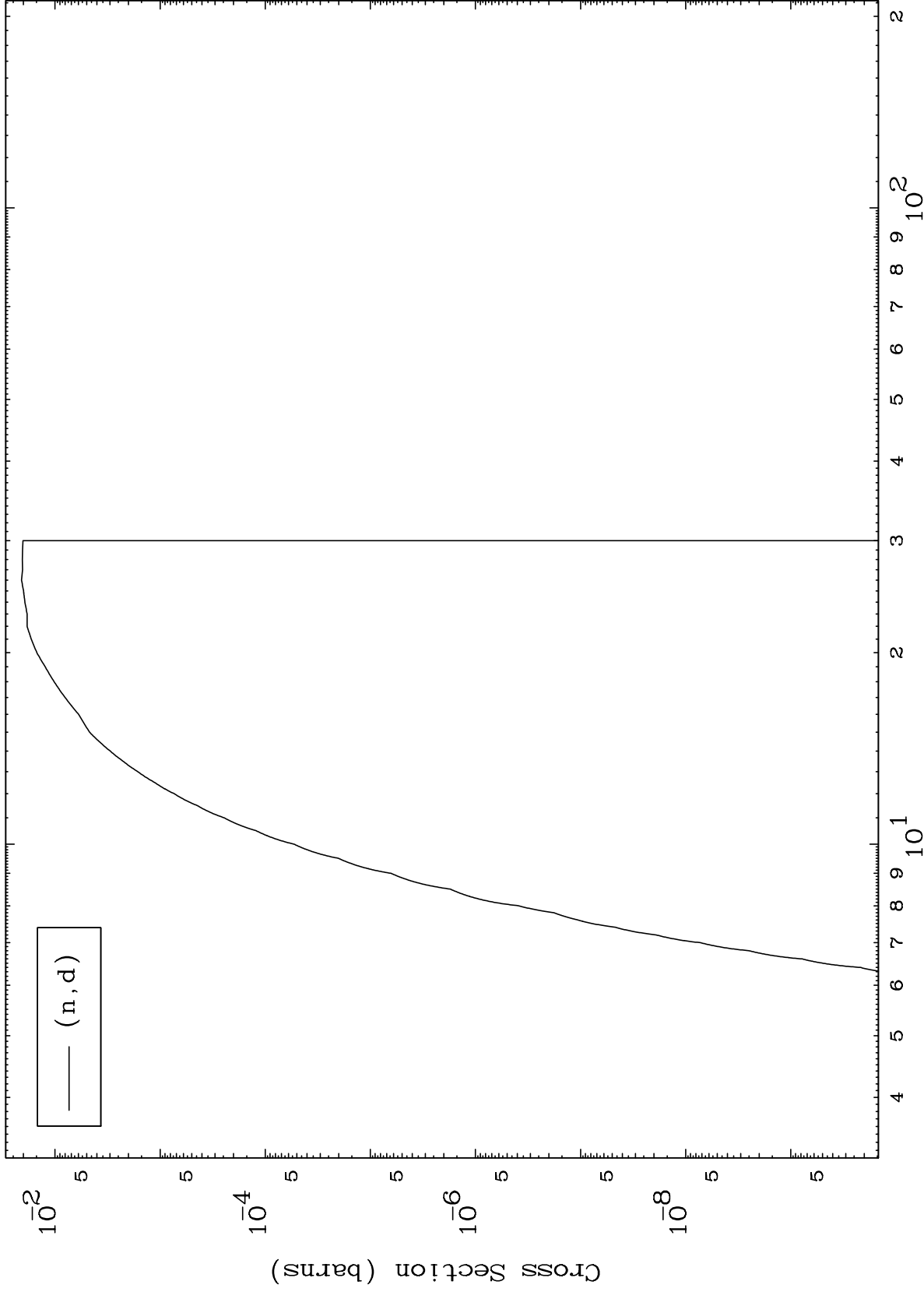
12

53-I -125

MAT 5319

(n,d) Levels  
293 Kelvin Cross Sections

53-I -125



13

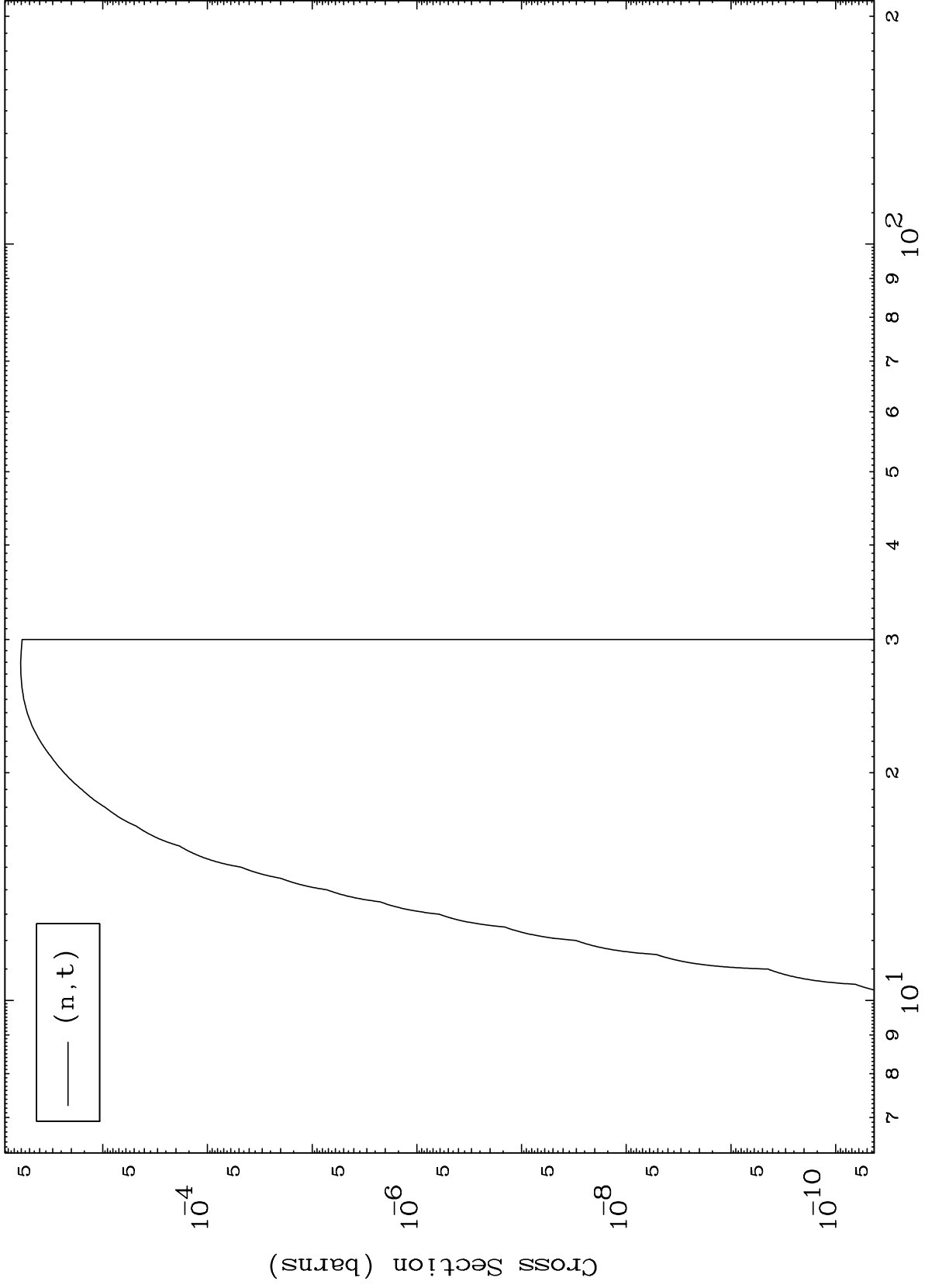
Incident Energy (MeV)

53-I -125

MAT 5319

(n,t) Levels  
293 Kelvin Cross Sections

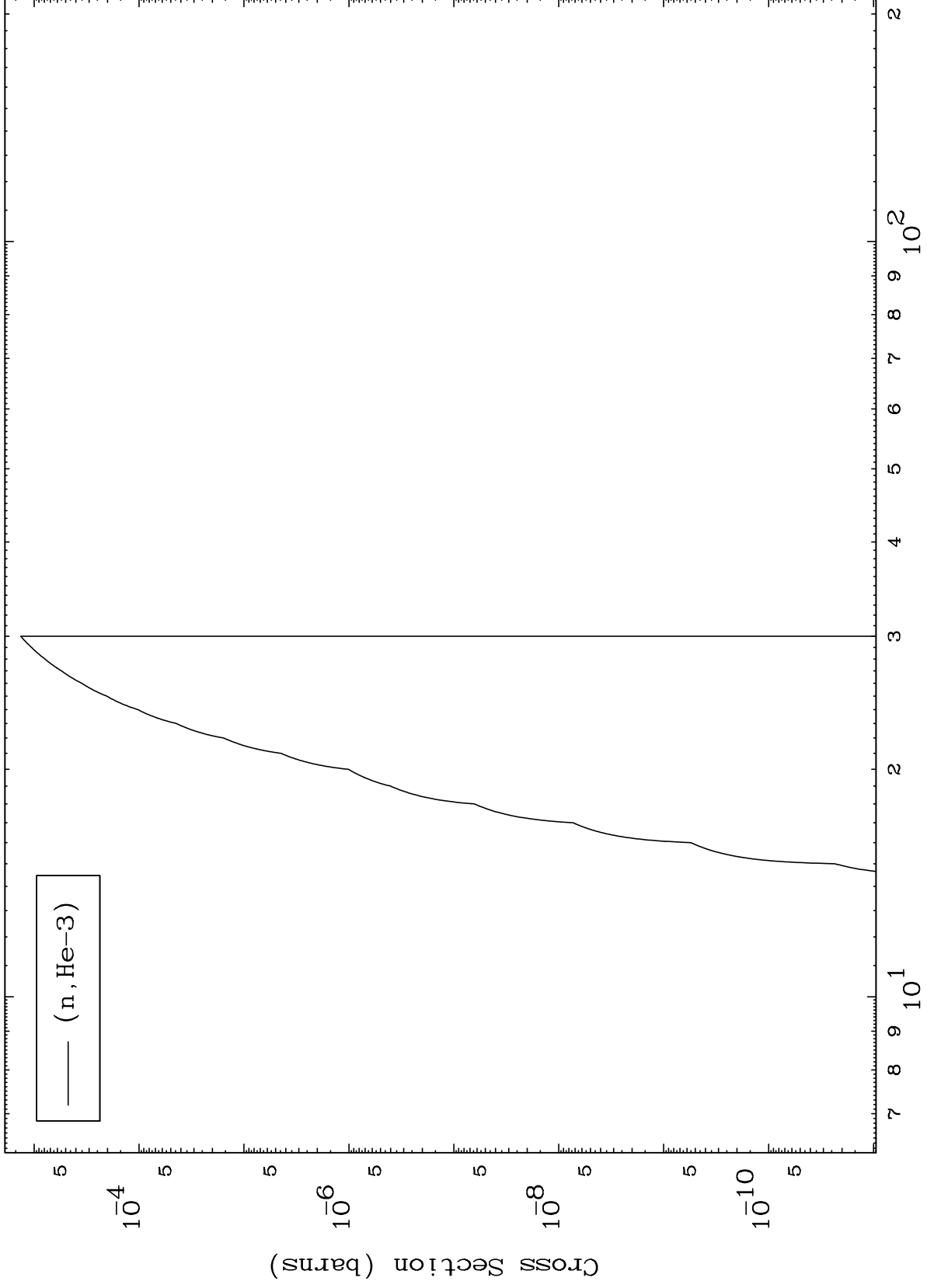
53-I -125



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Incident Energy (MeV)

53-I -125

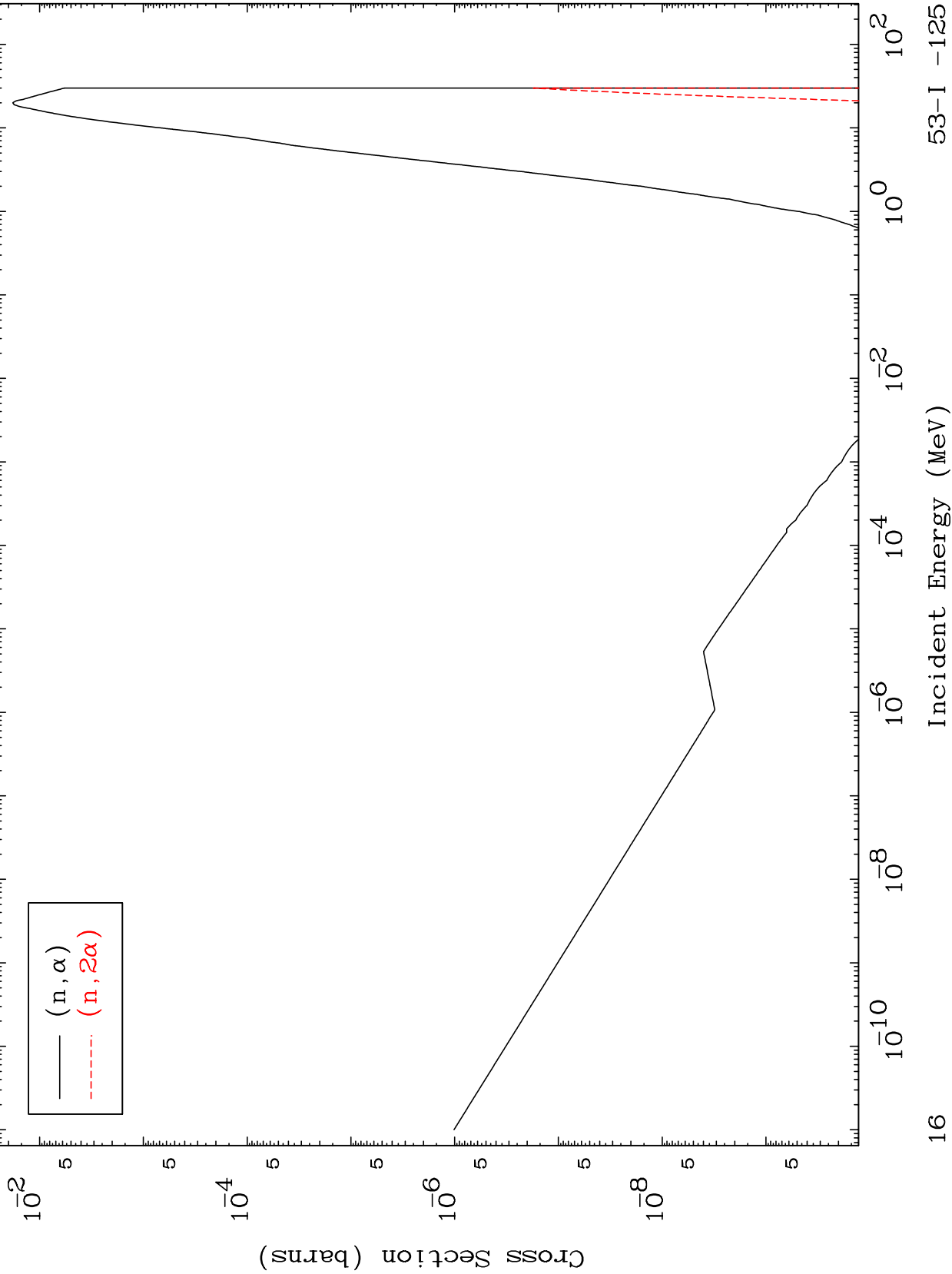




MAT 5319

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

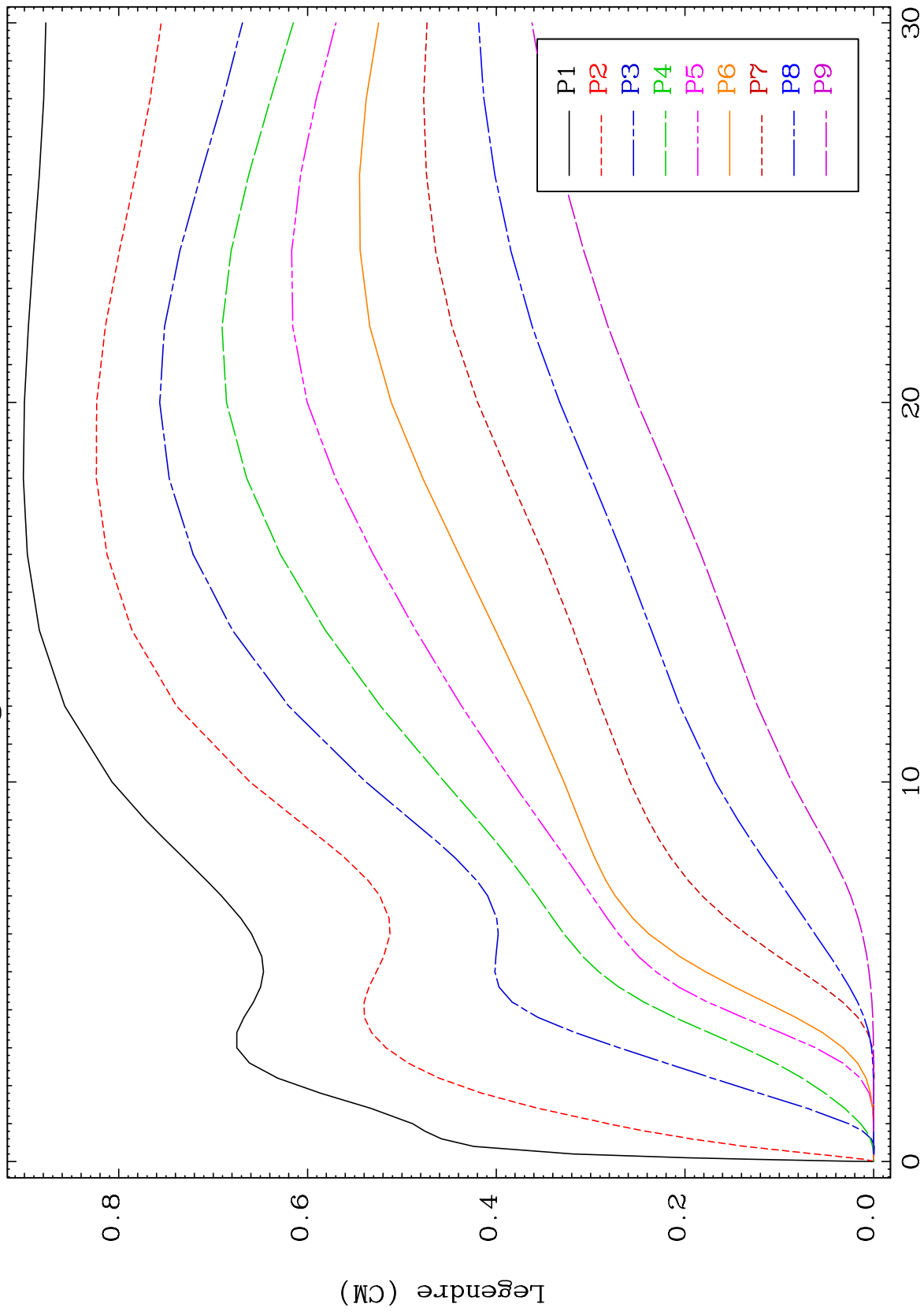
53-I -125



MAT 5319

Elastic Legendre Coefficients

53-I -125



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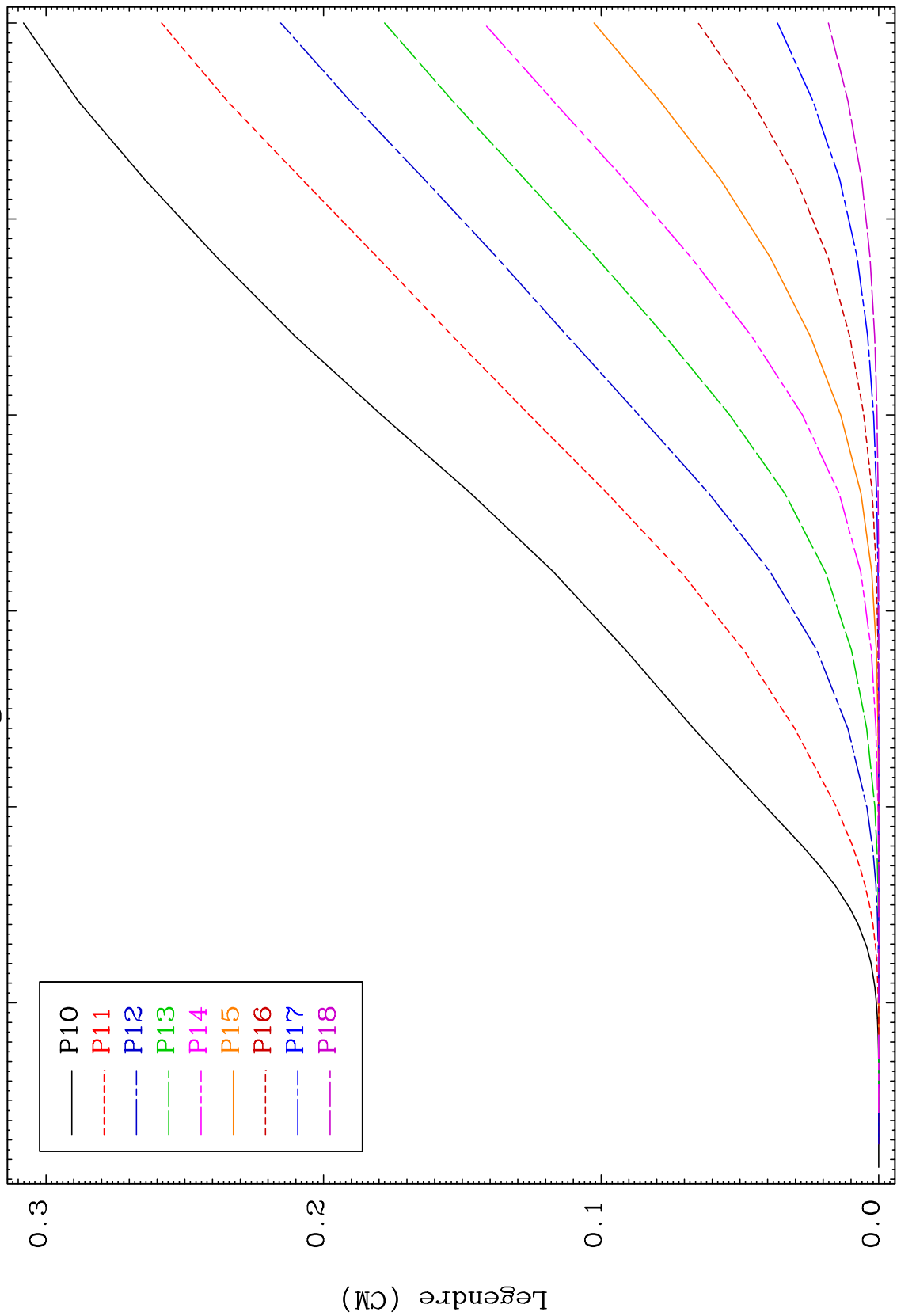
Incident Energy (MeV)

53-I -125

MAT 5319

Elastic Legendre Coefficients

53-I -125



18

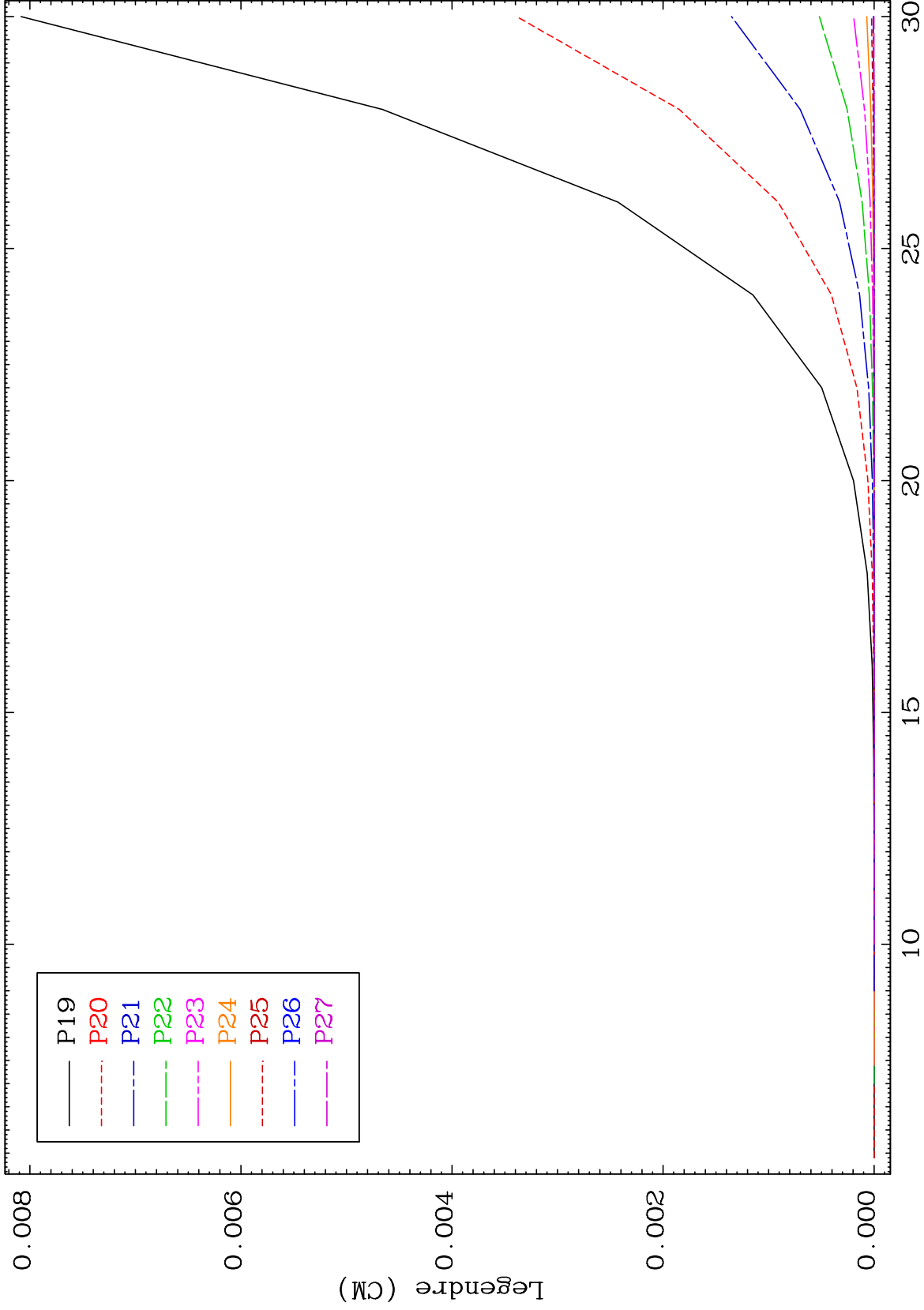
Incident Energy (MeV)

53-I -125

MAT 5319

Elastic  
Legendre Coefficients

53-I -125



19

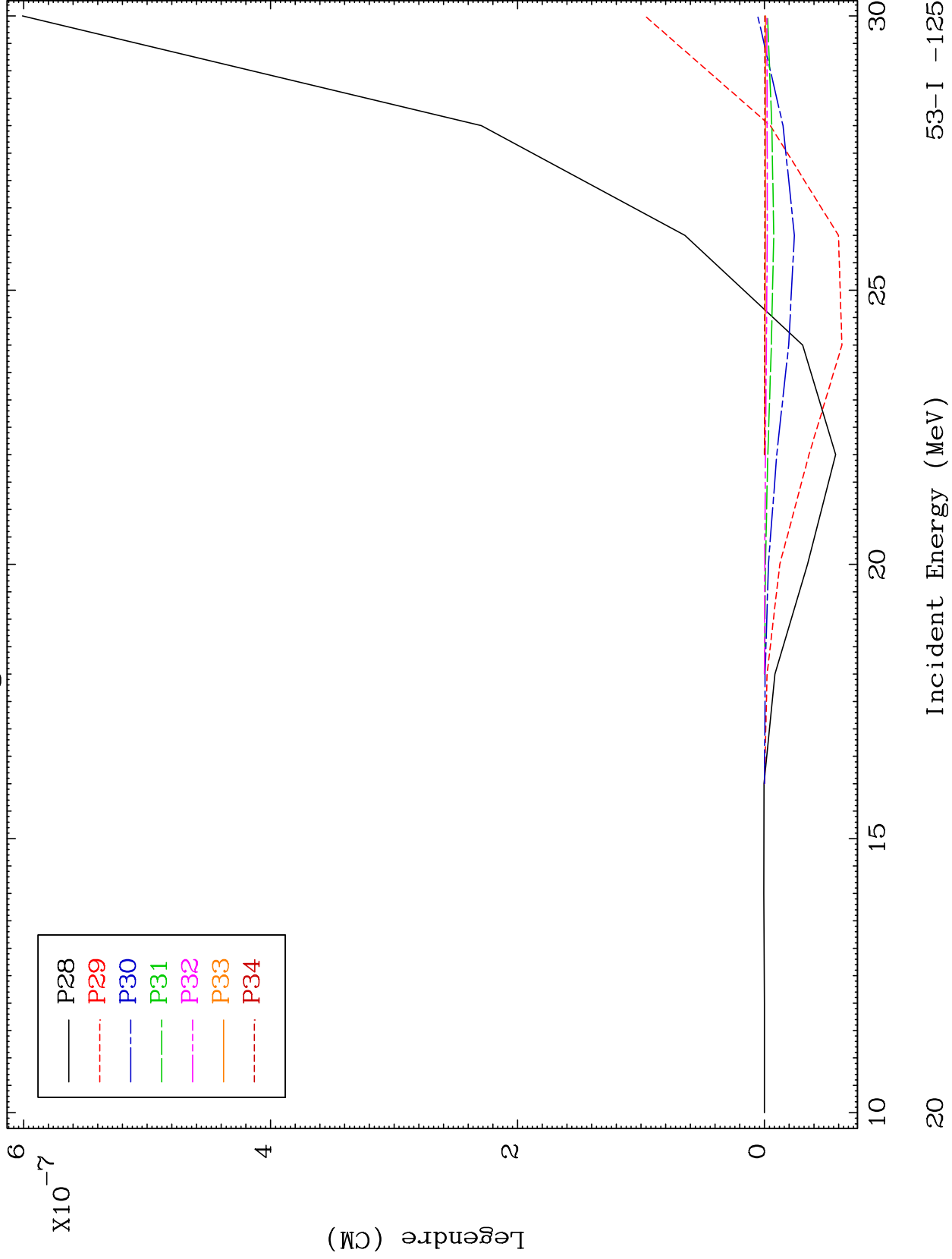
Incident Energy (MeV)

53-I -125

MAT 5319

Elastic  
Legendre Coefficients

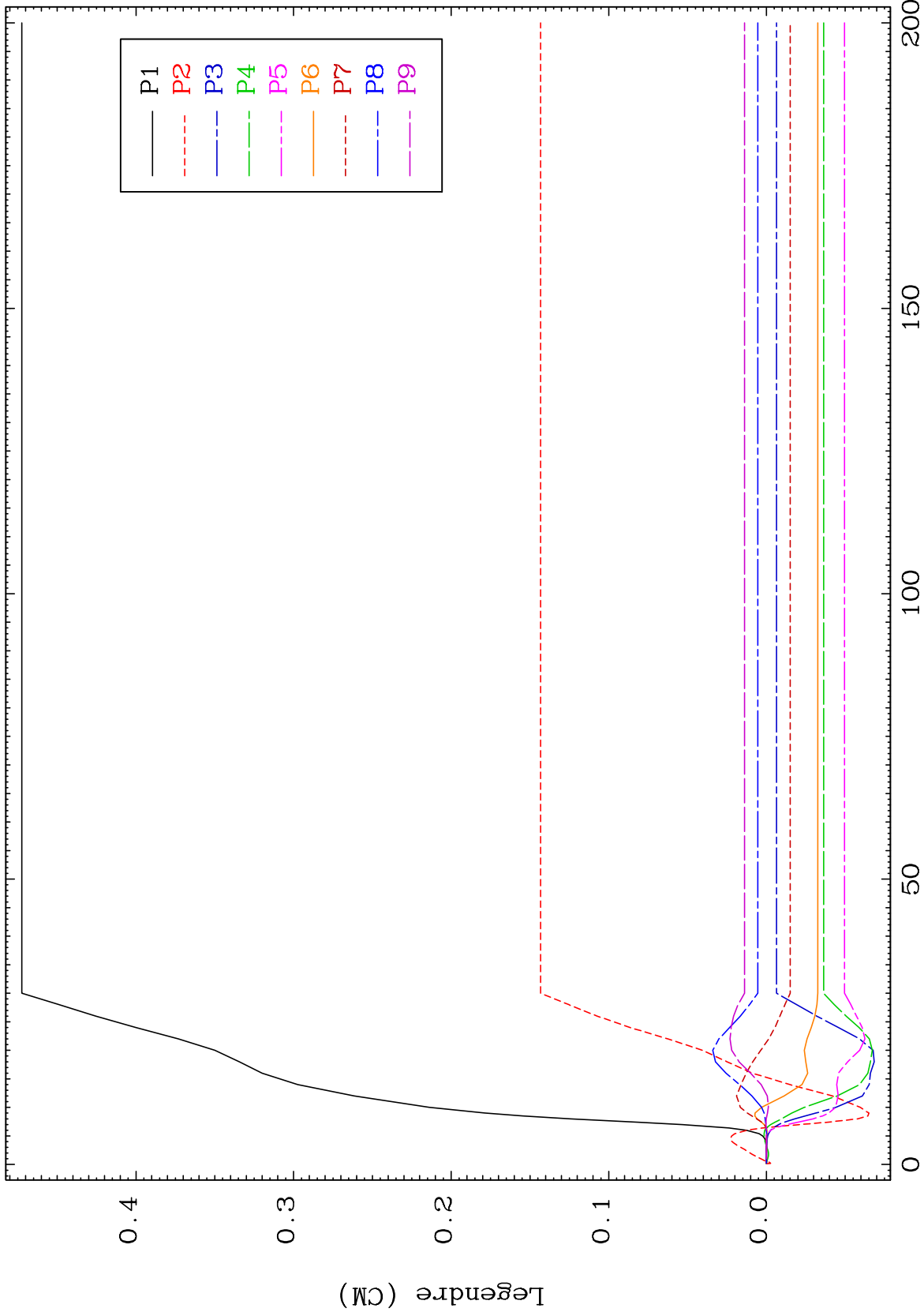
53-I -125



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Incident Energy (MeV)

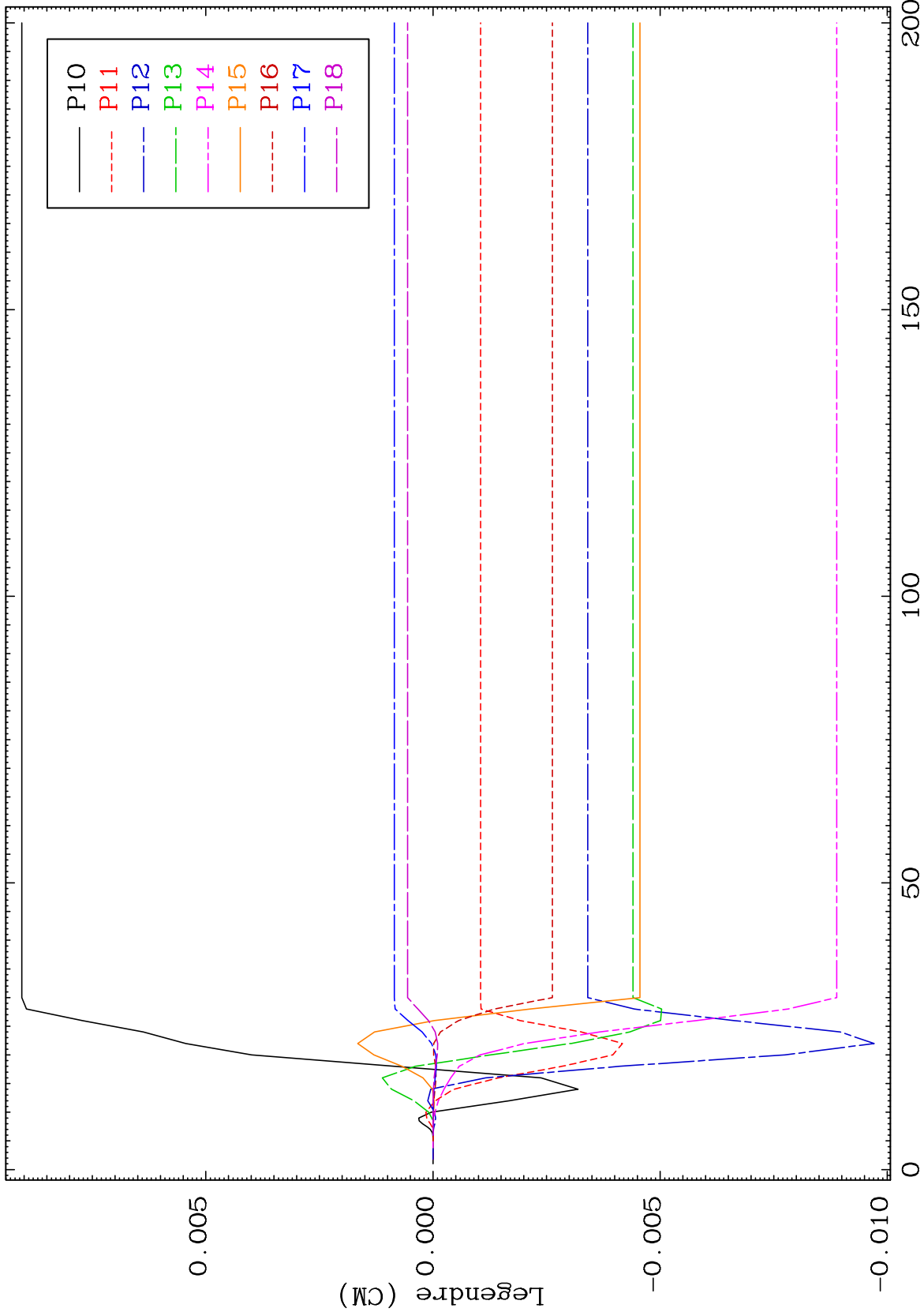
53-I -125



MAT 5319

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

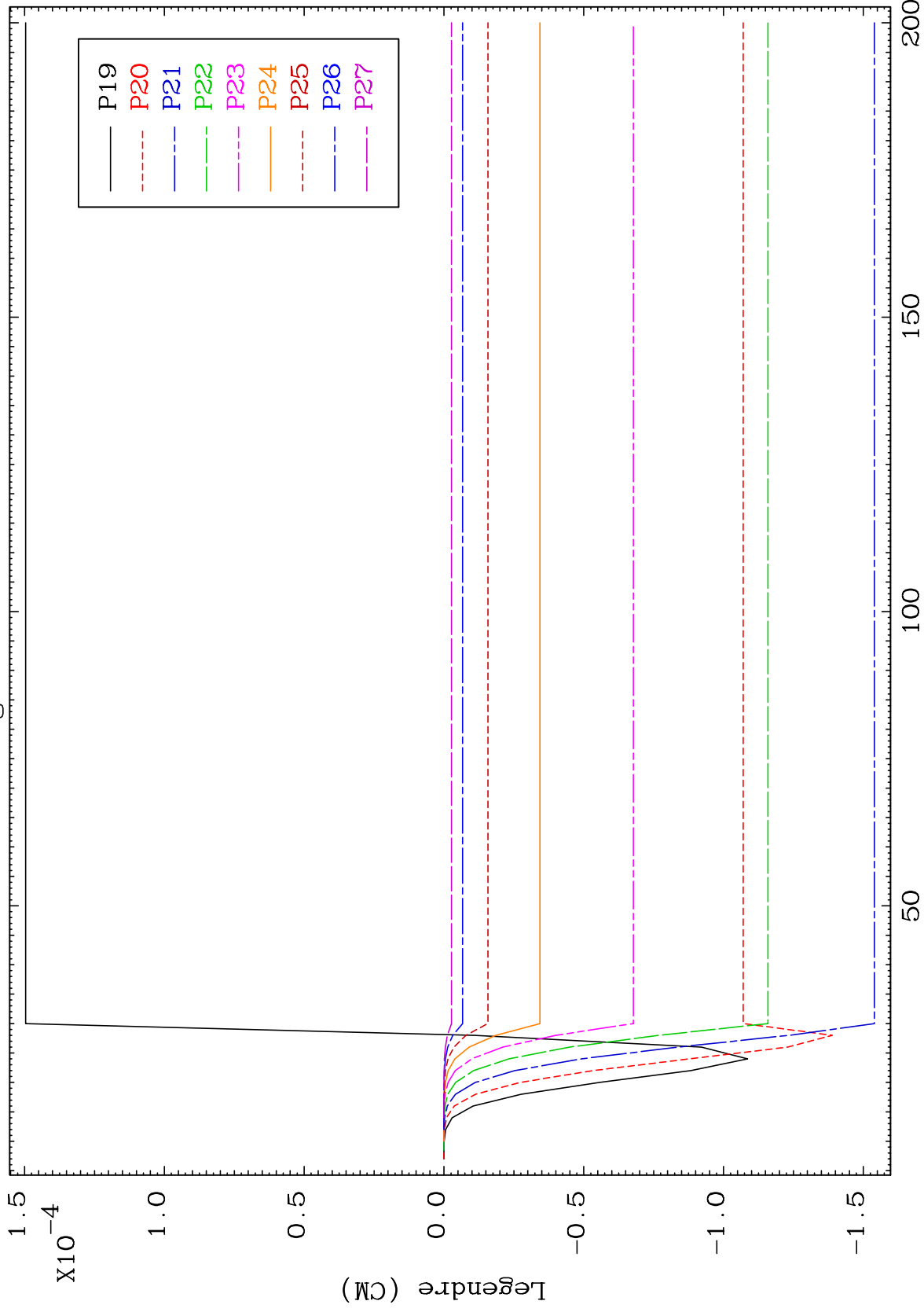
53-I -125



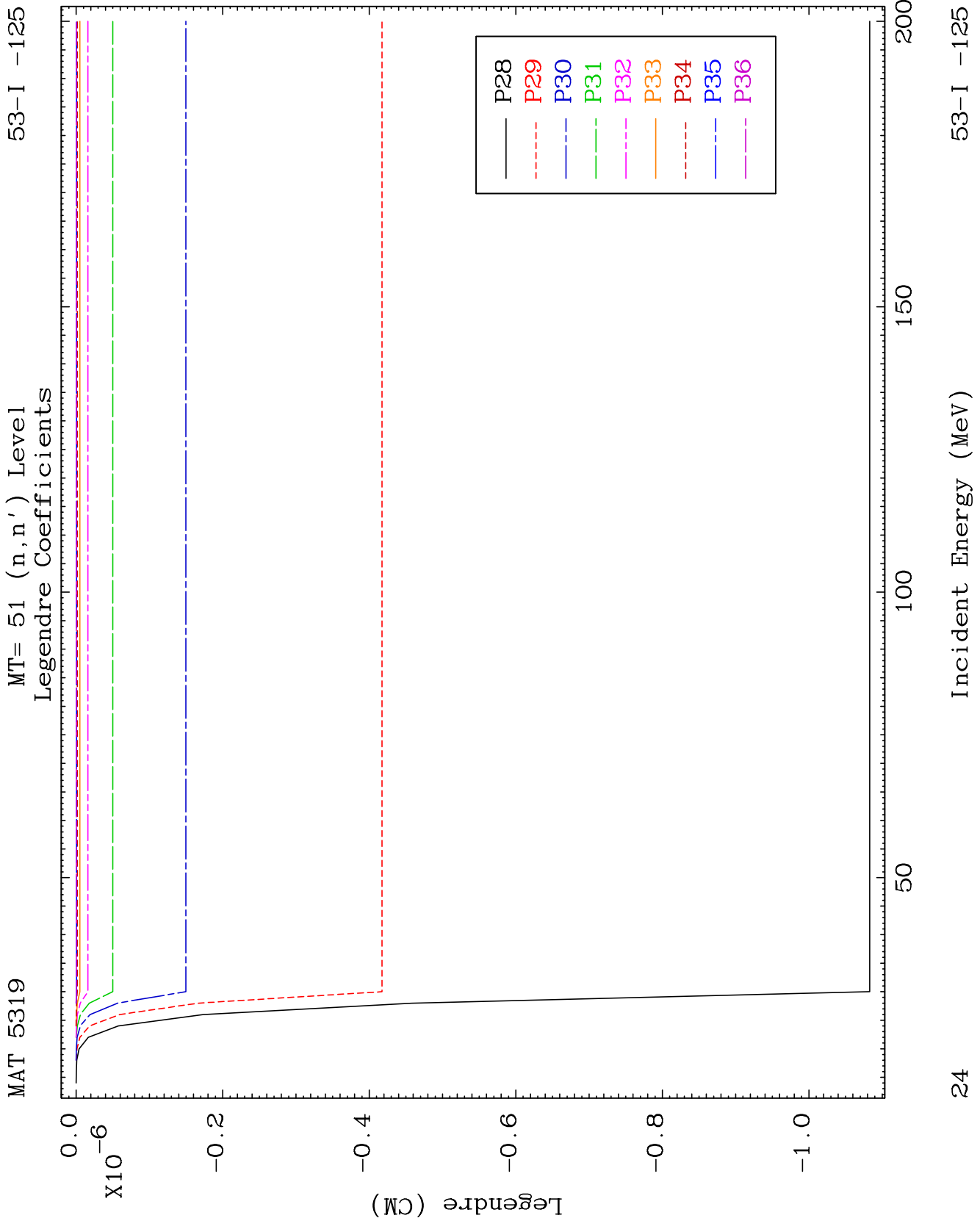
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Incident Energy (MeV)

53-I -125



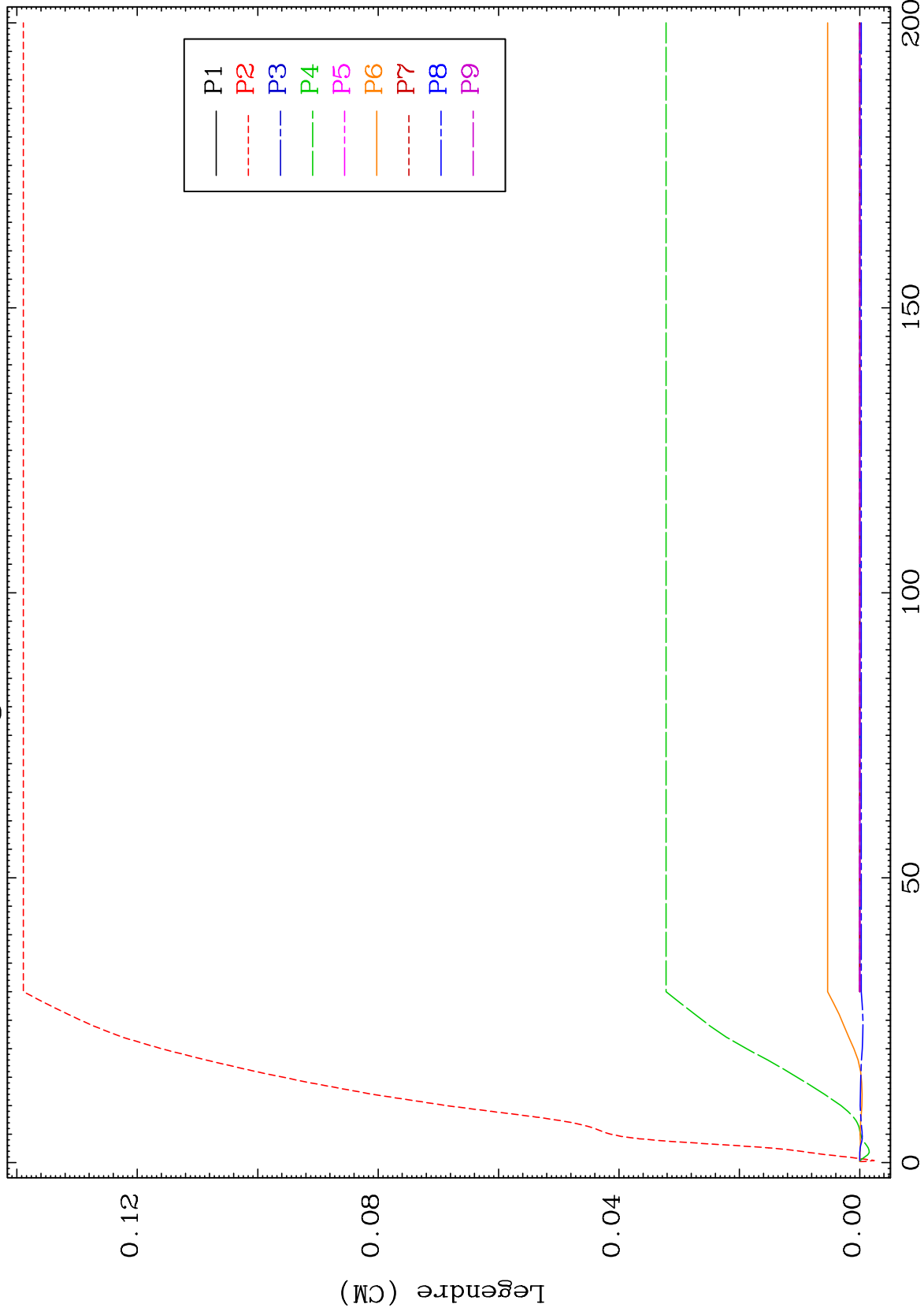




MAT 5319

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

53-I -125



25

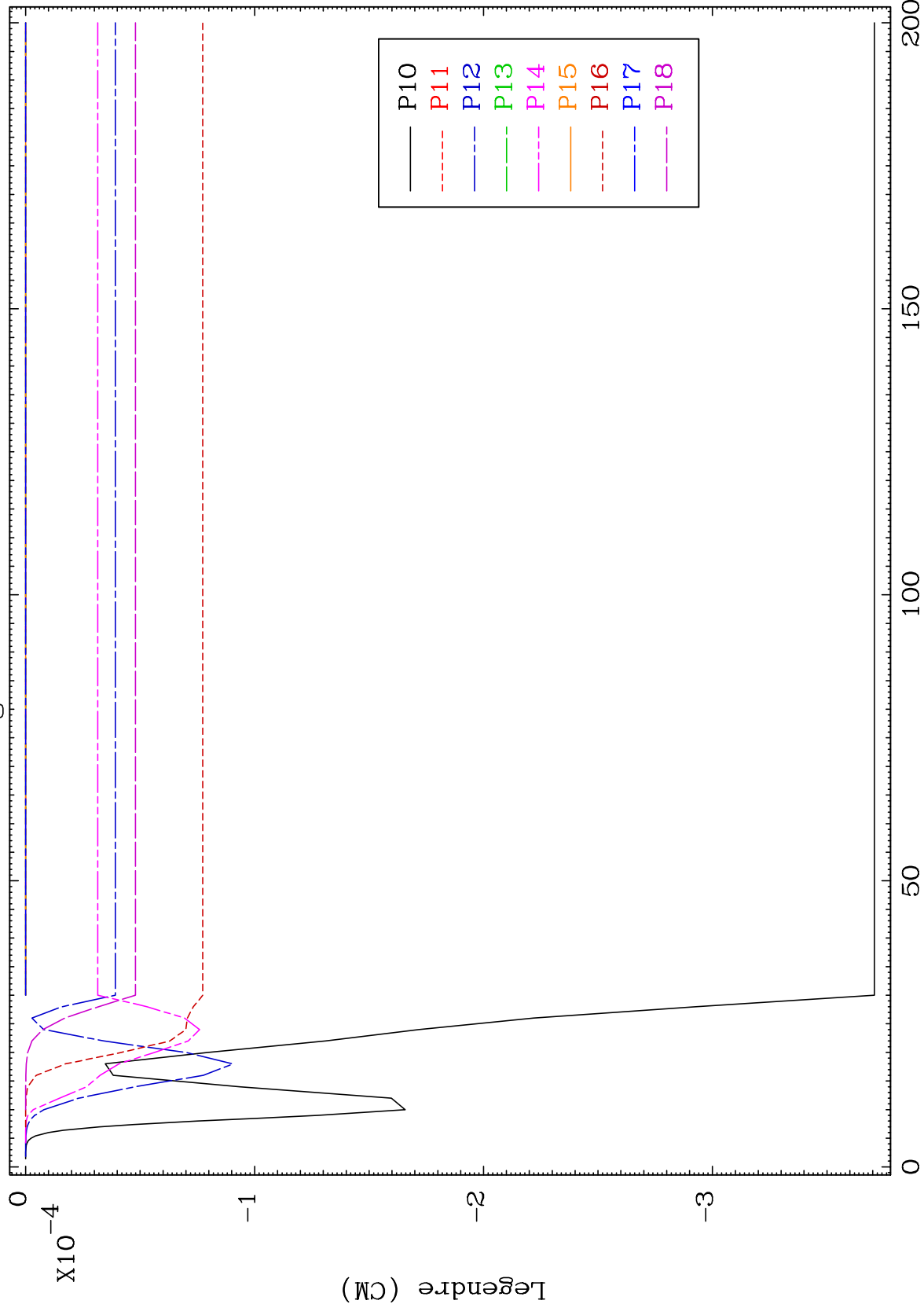
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



26

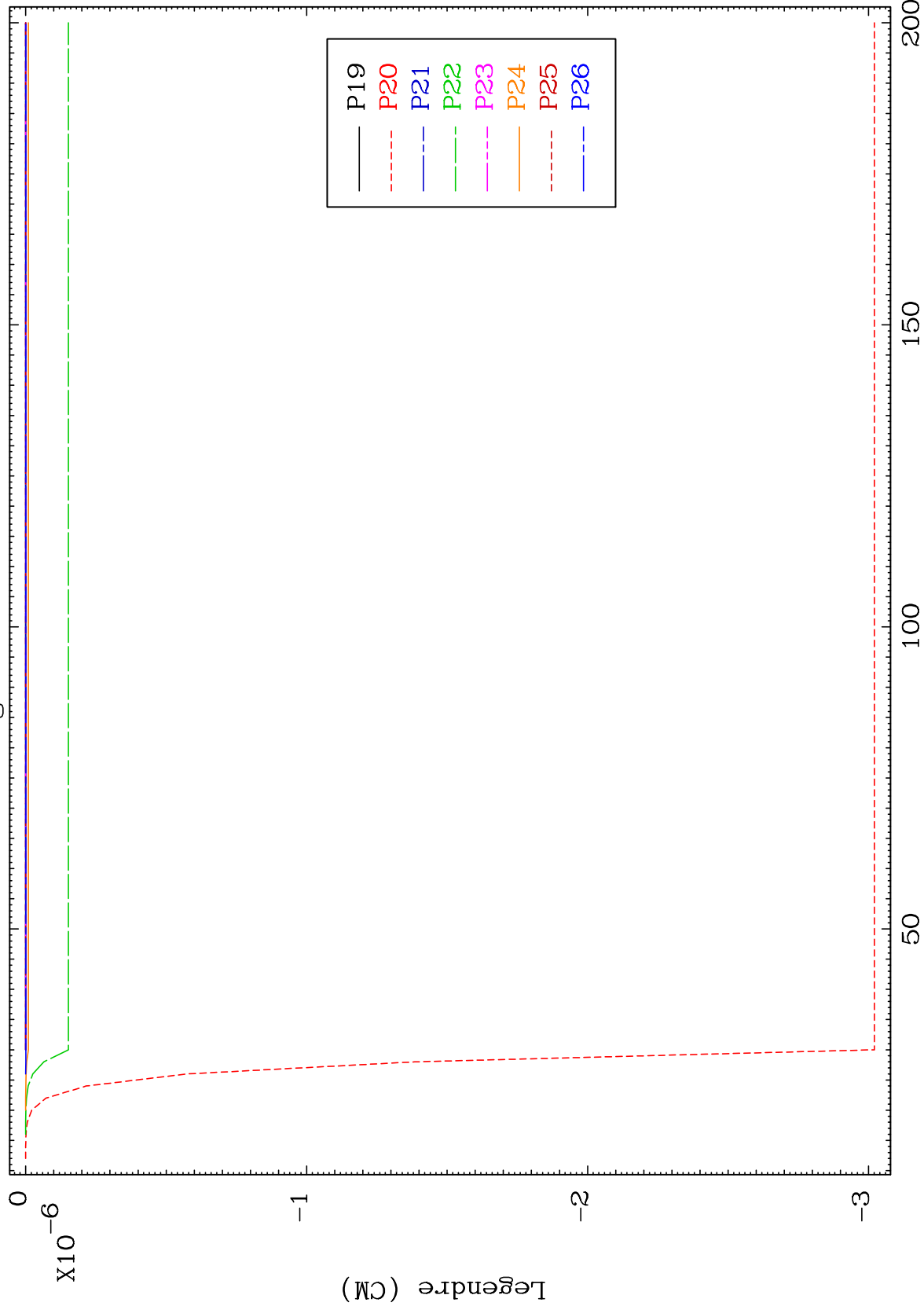
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



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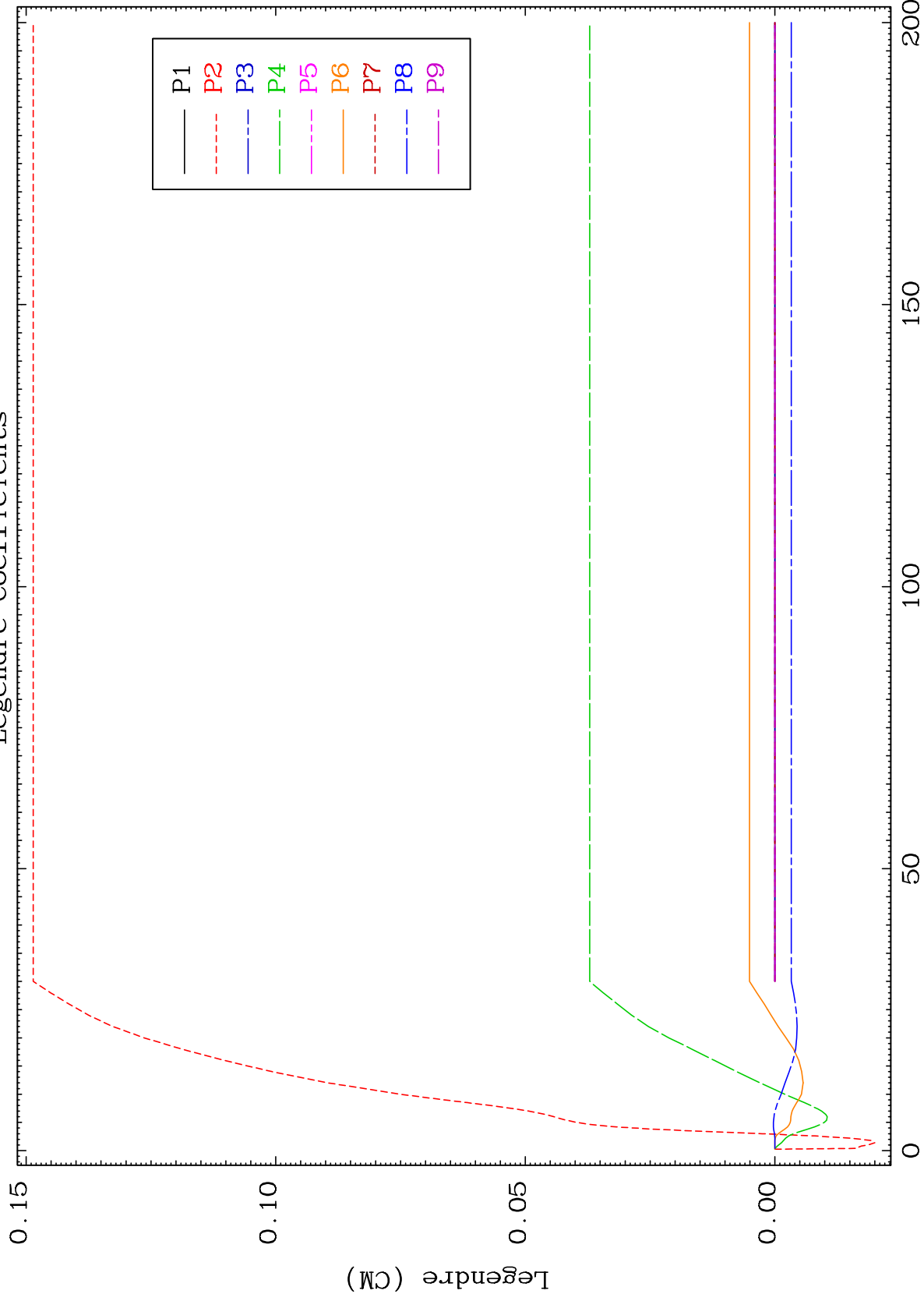
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



28

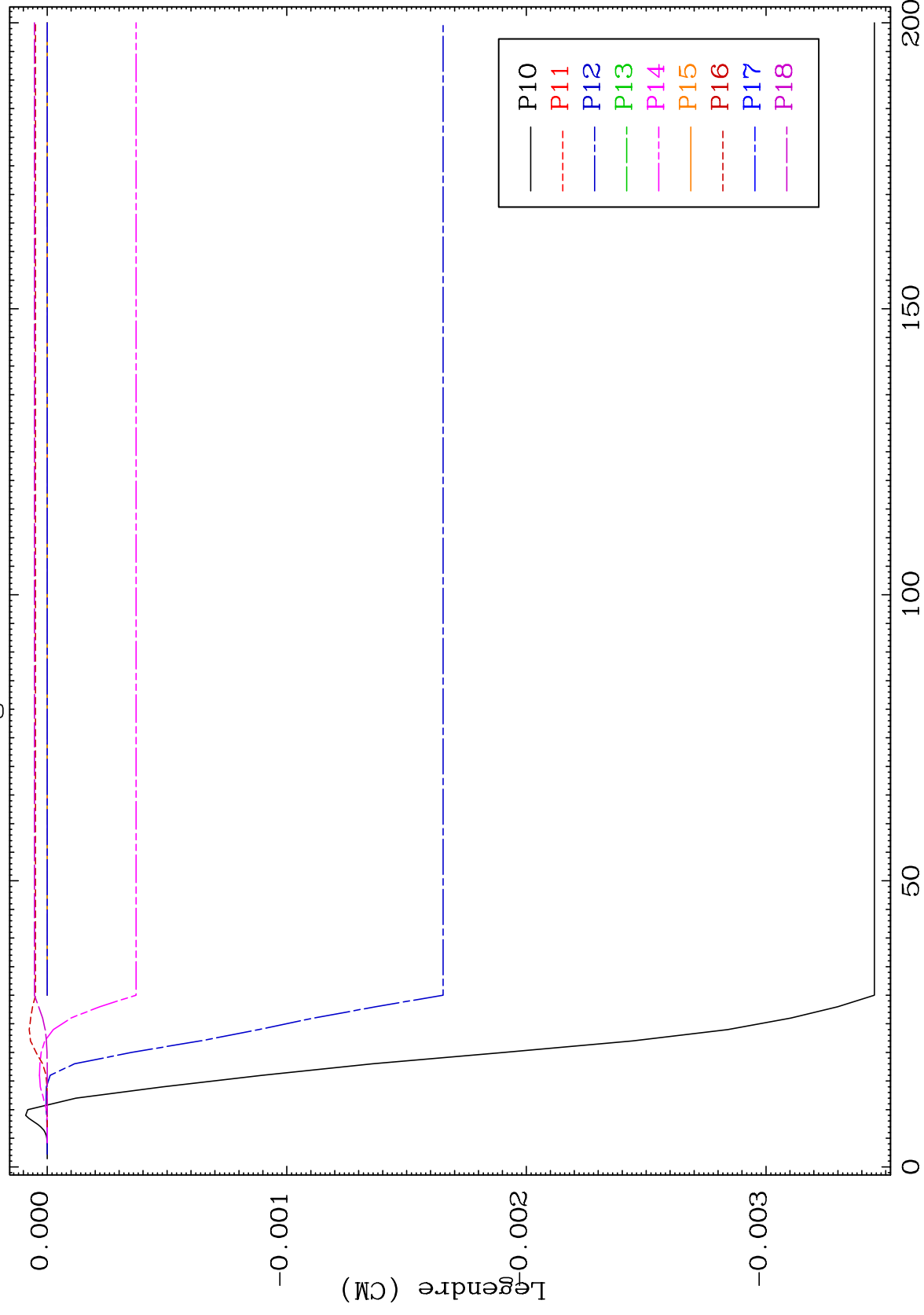
Incident Energy (MeV)

53-I -125

MAT 5319

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

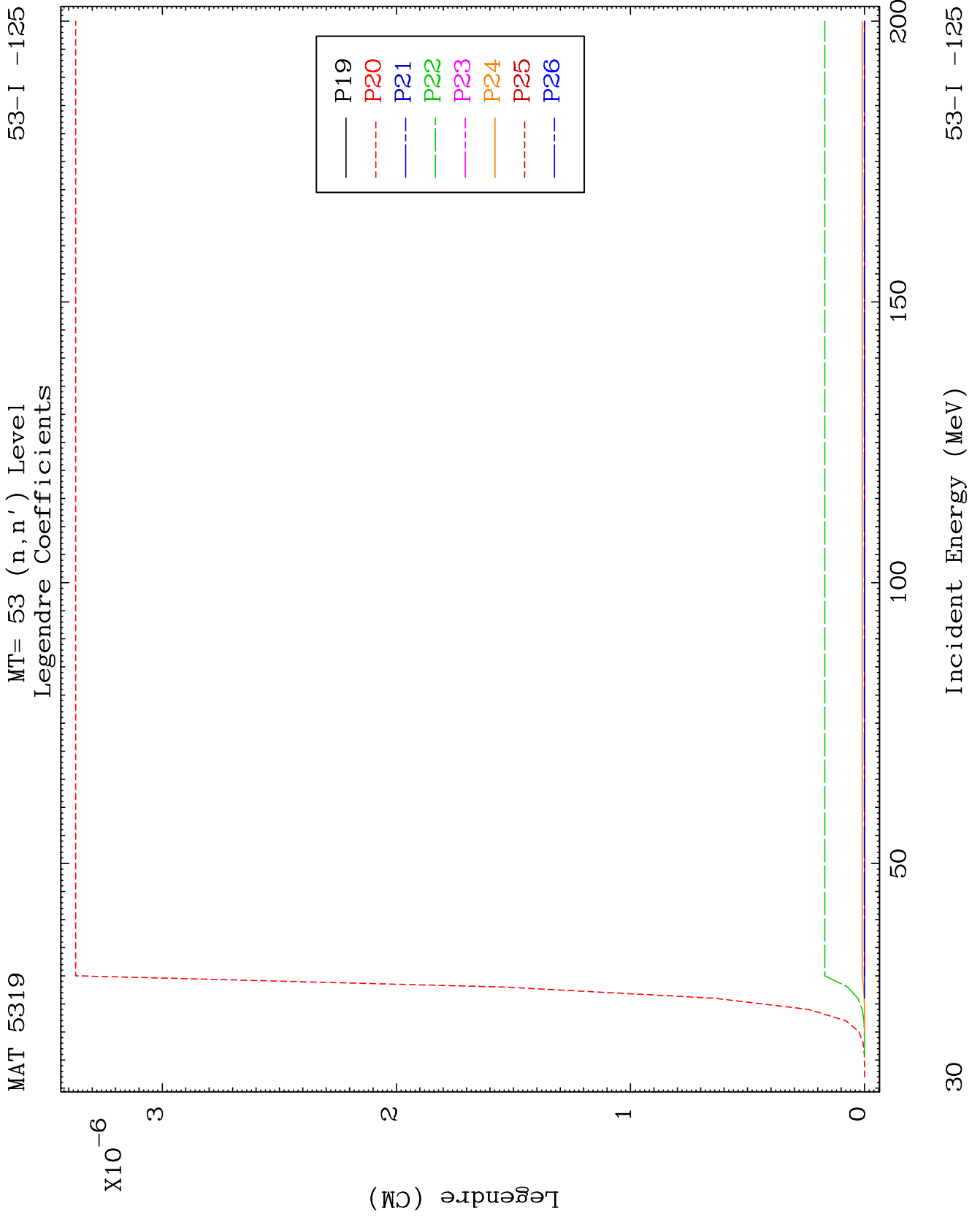
53-I -125



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Incident Energy (MeV)

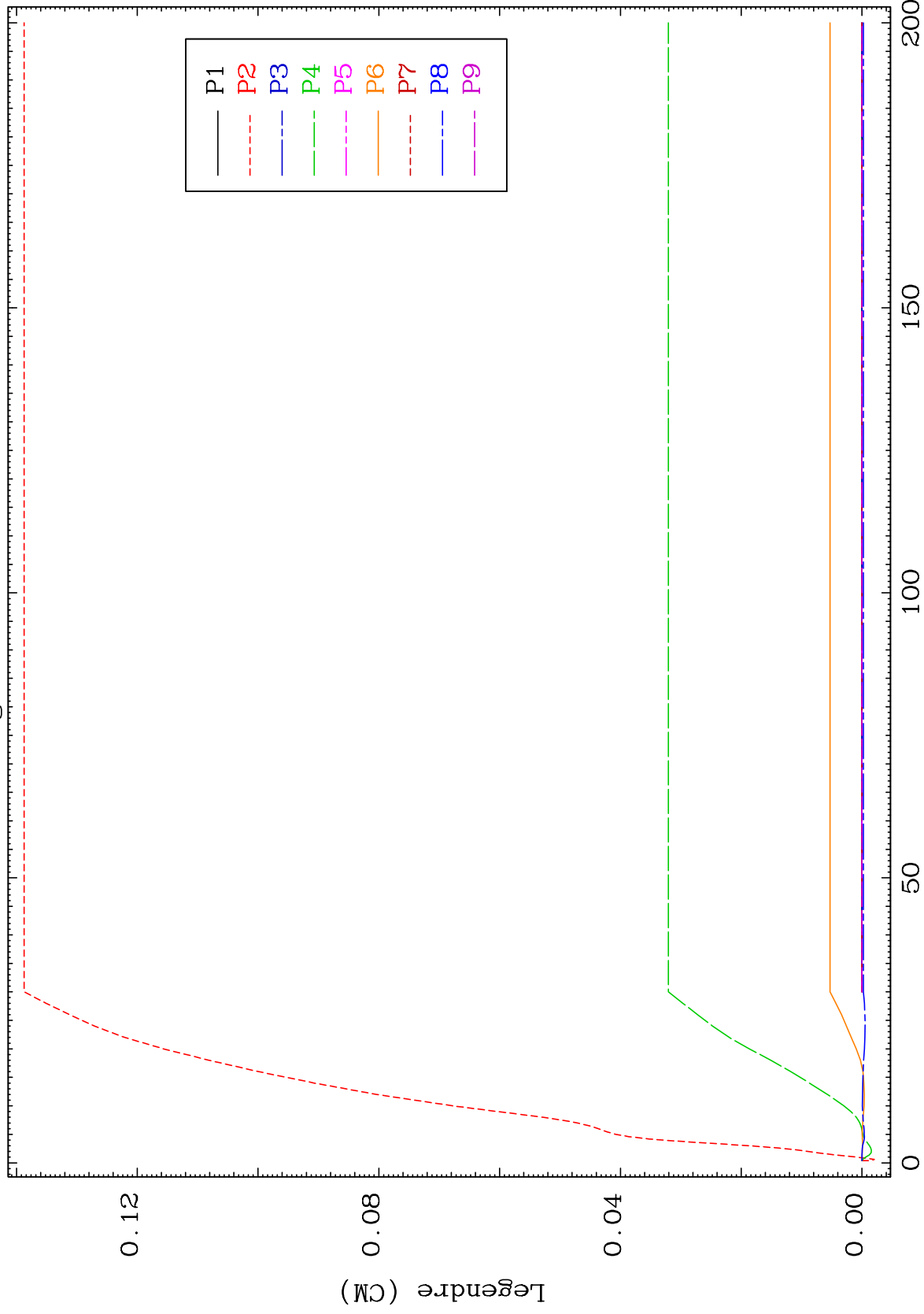
53-I -125



MAT 5319

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

53-I -125



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Incident Energy (MeV)

53-I -125

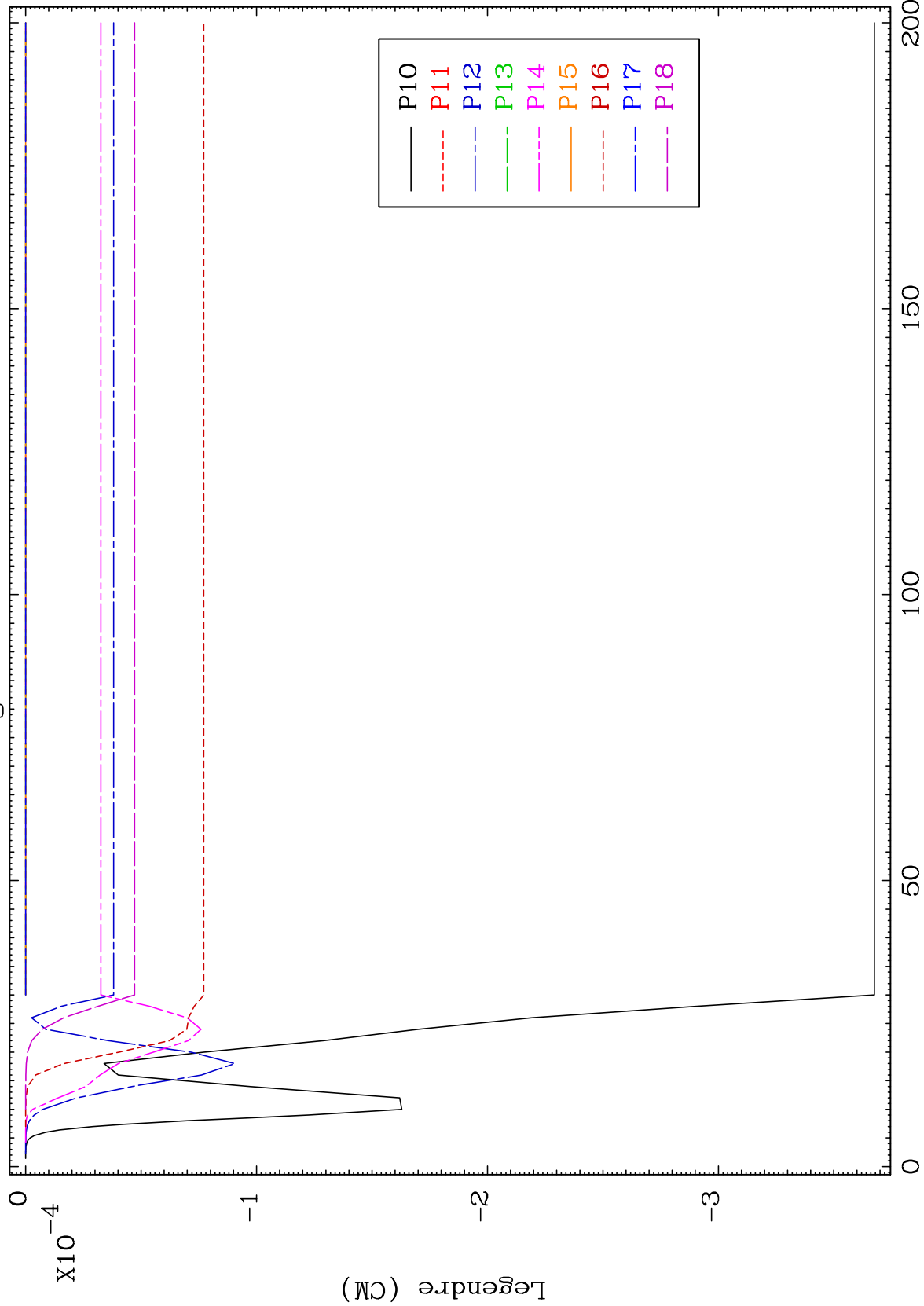


MAT 5319

MT= 54 (n,n') Level

53-I -125

Legendre Coefficients



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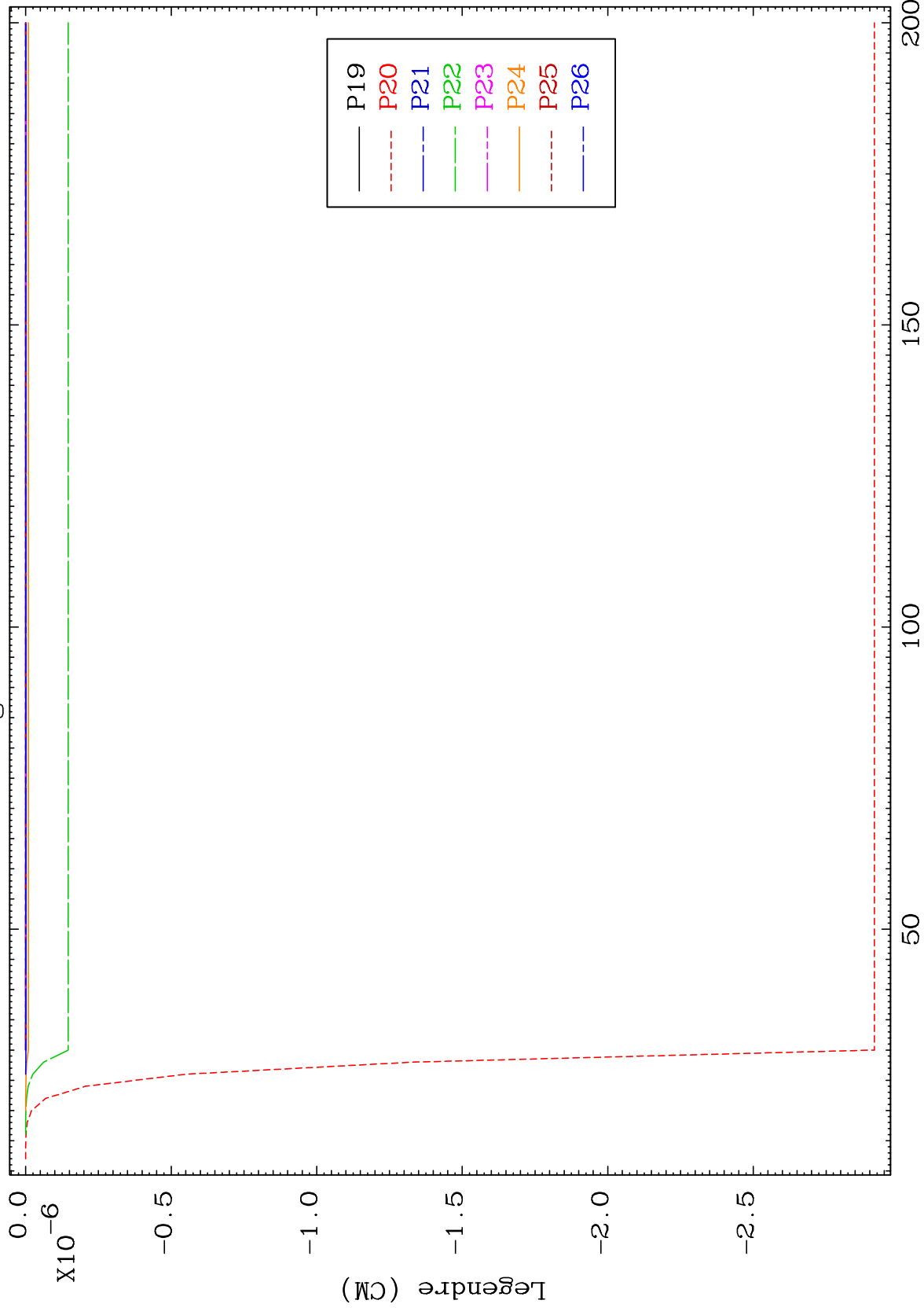
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



33

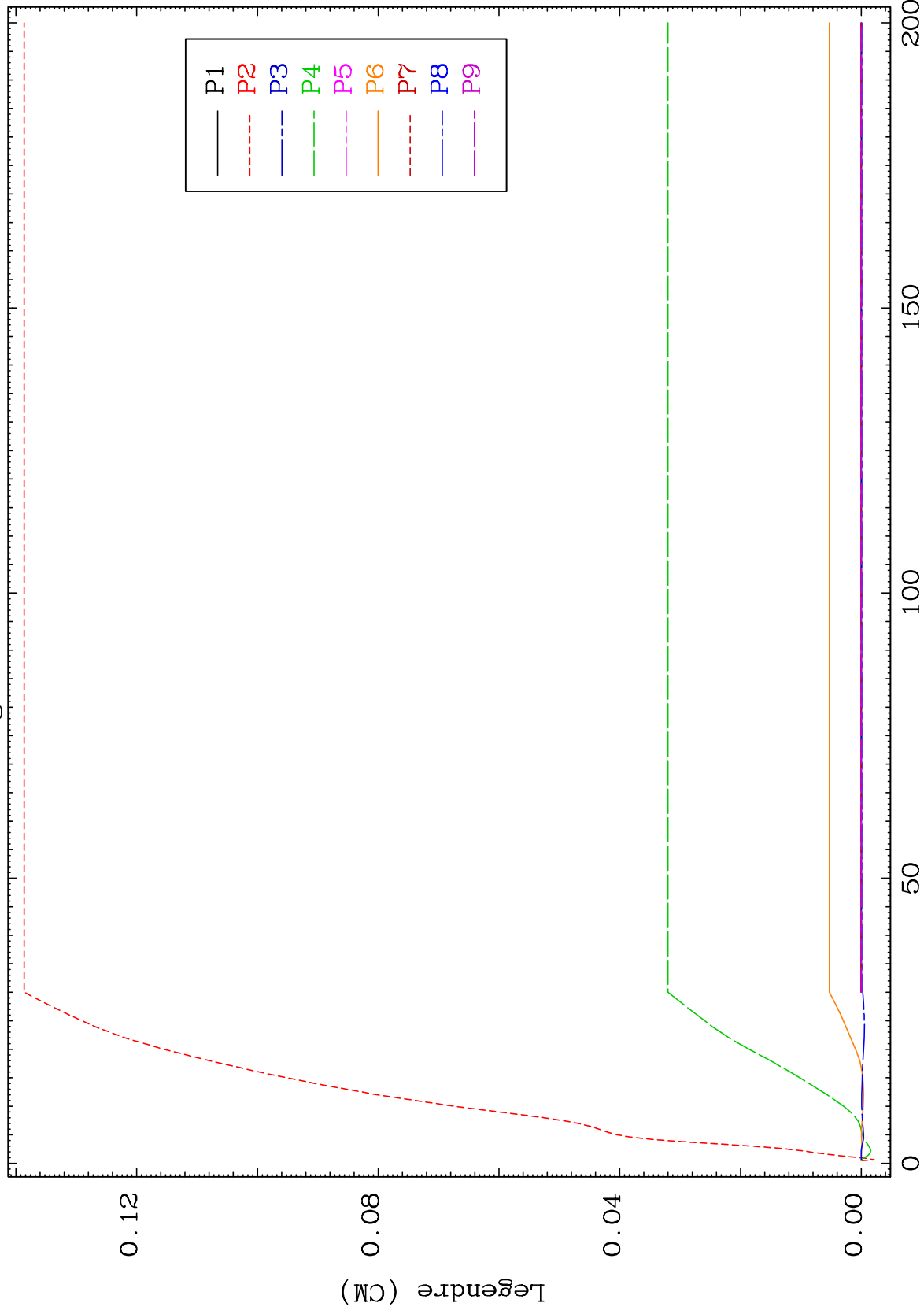
Incident Energy (MeV)

53-I -125

MAT 5319

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

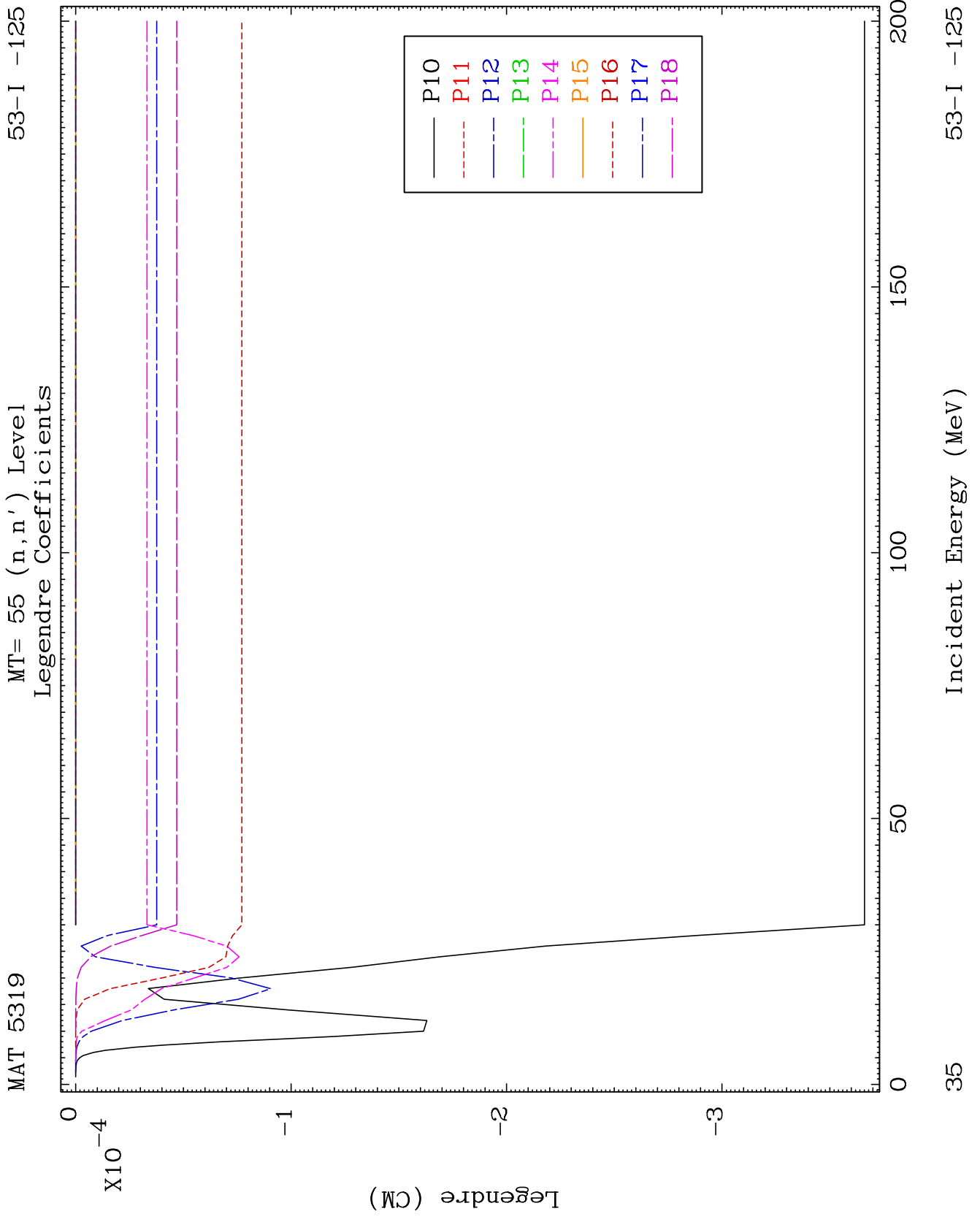
53-I -125



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Incident Energy (MeV)

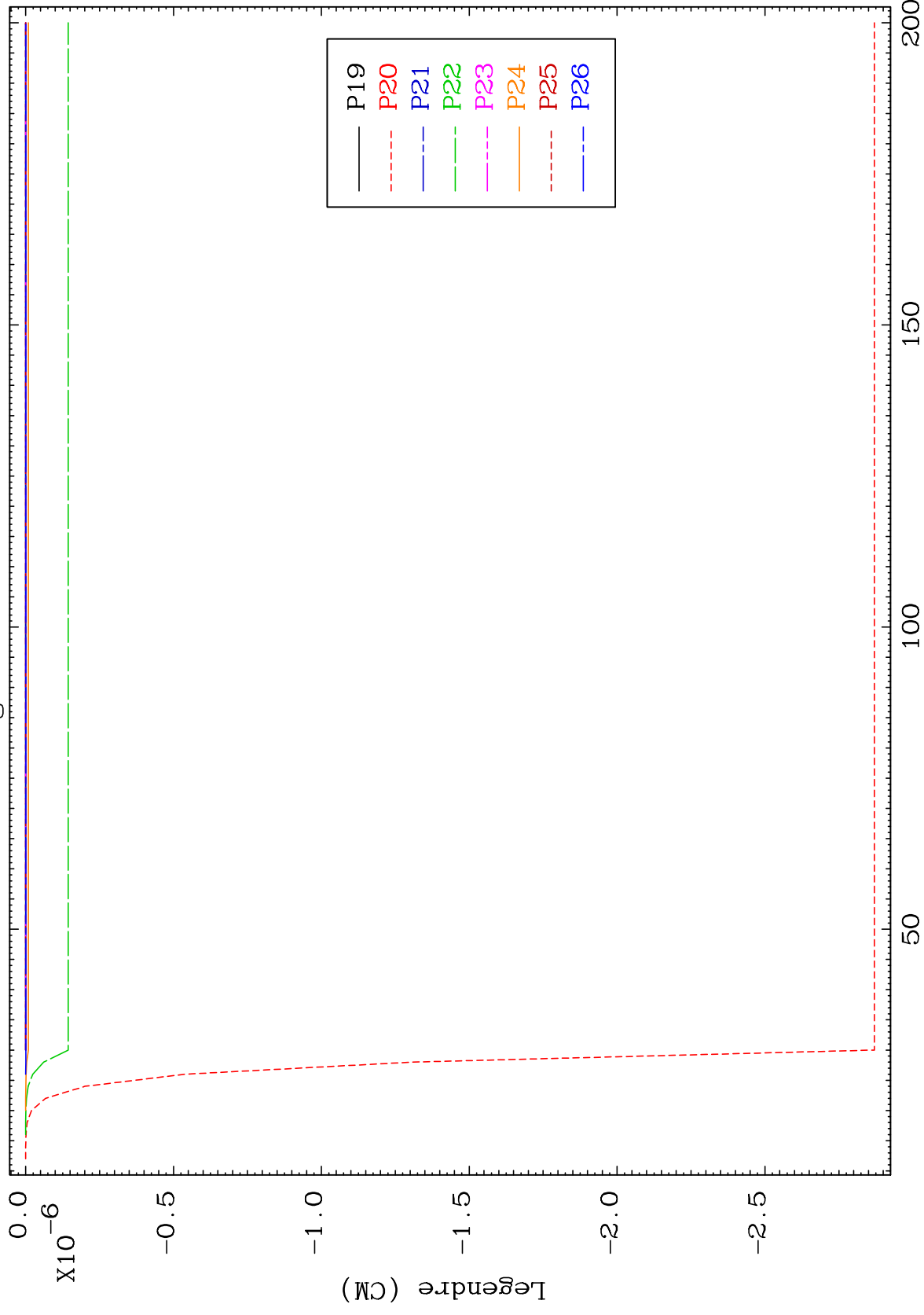
53-I -125



MAT 5319

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

53-I -125



36

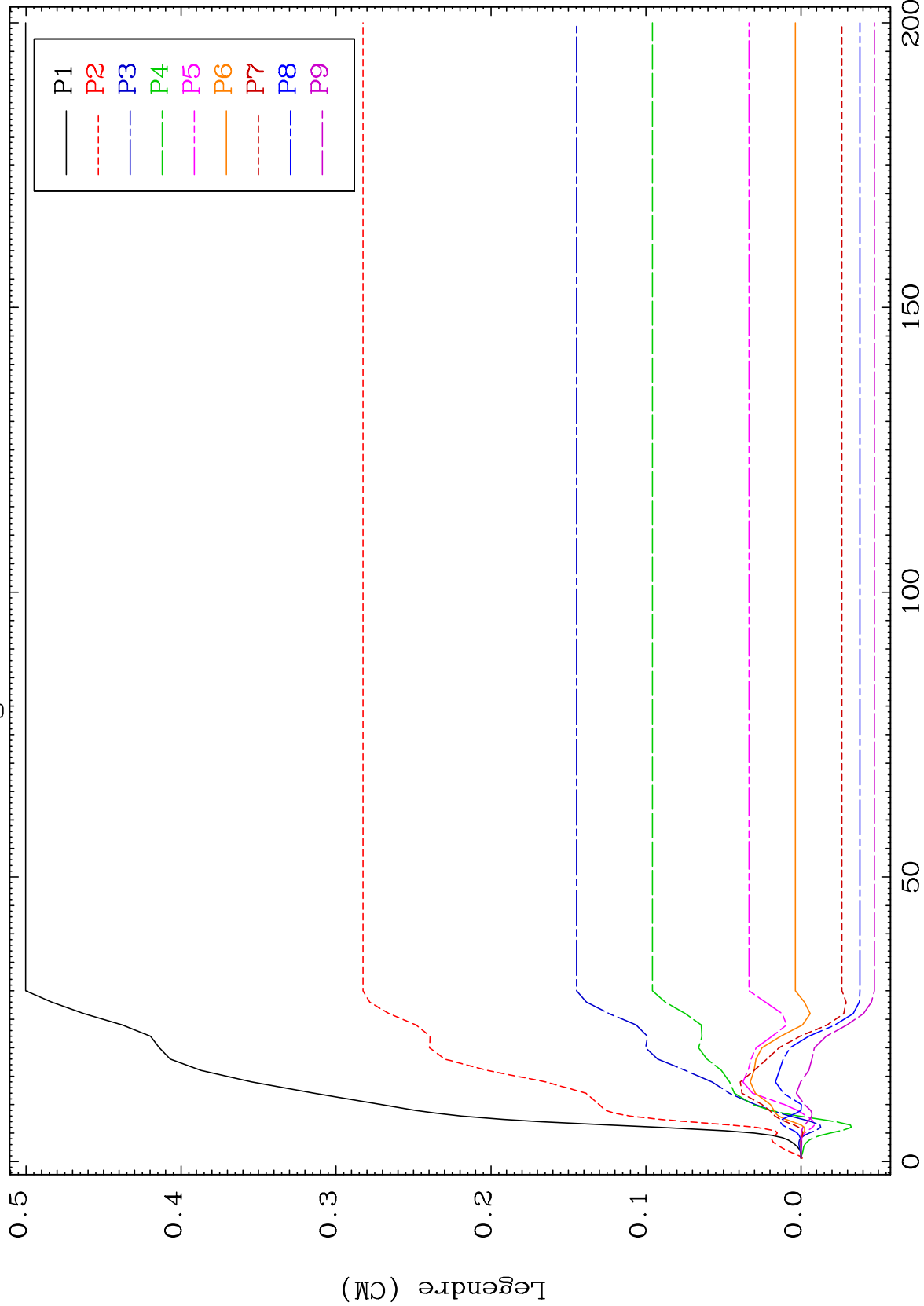
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



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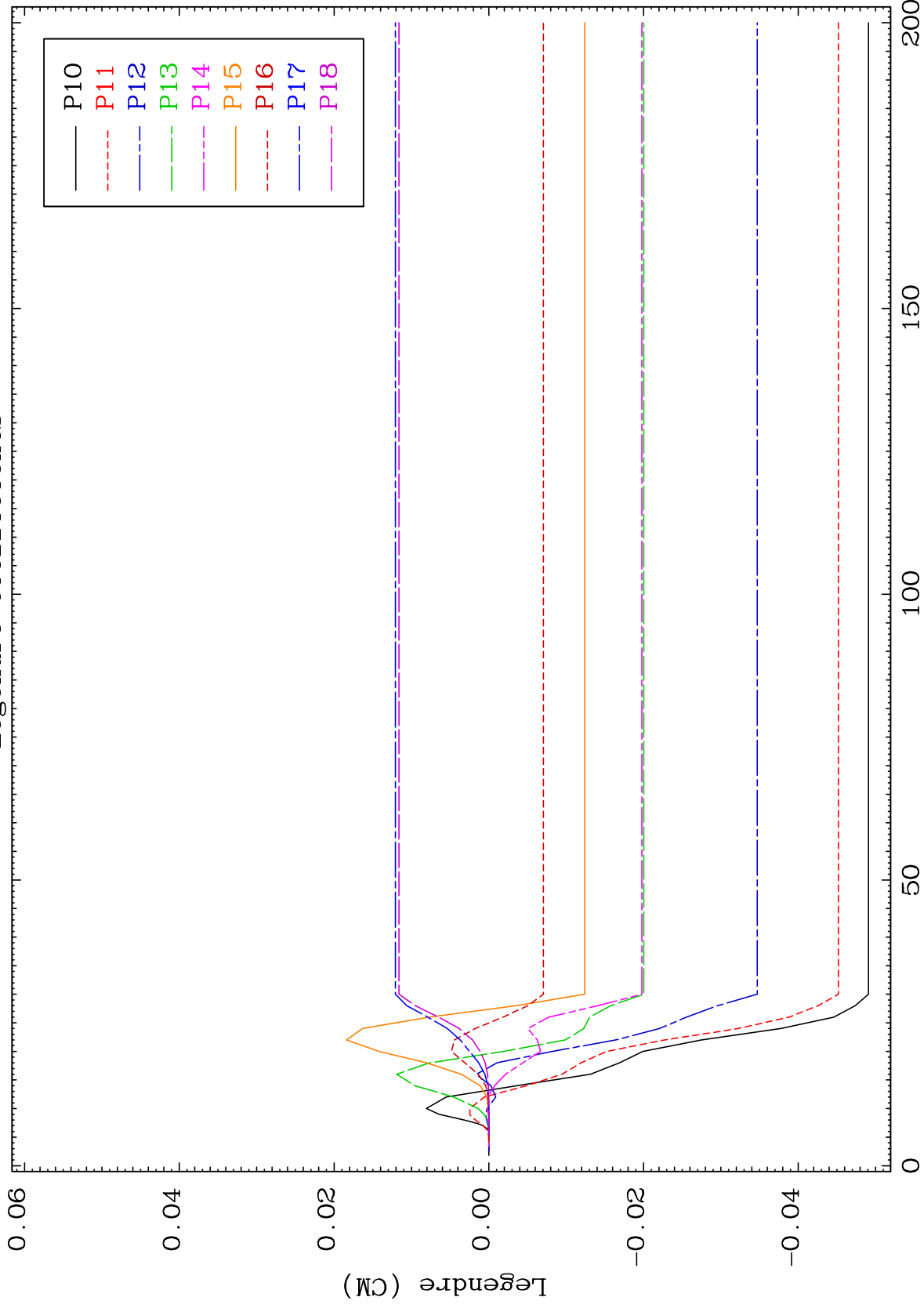
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



38

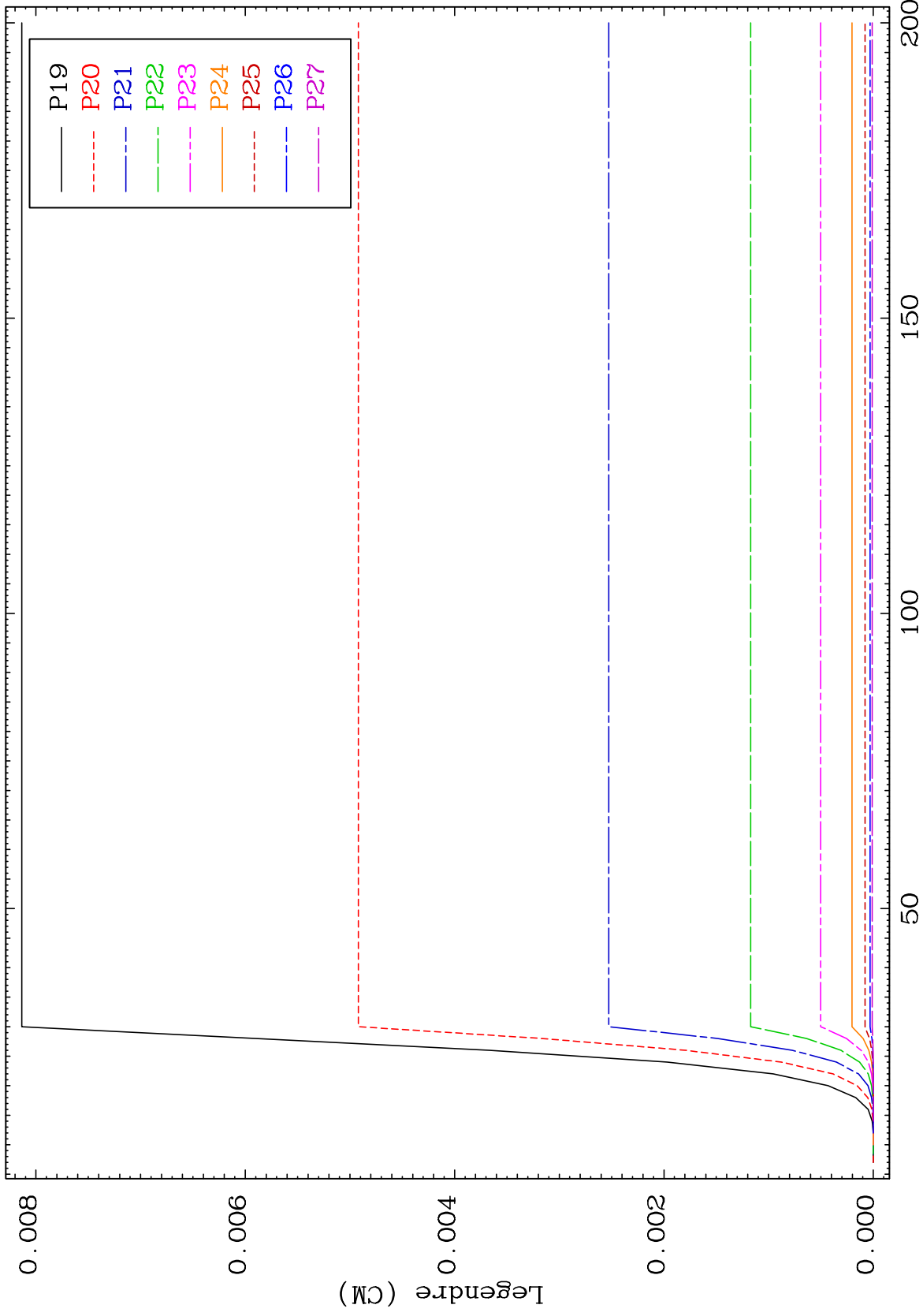
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



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Incident Energy (MeV)

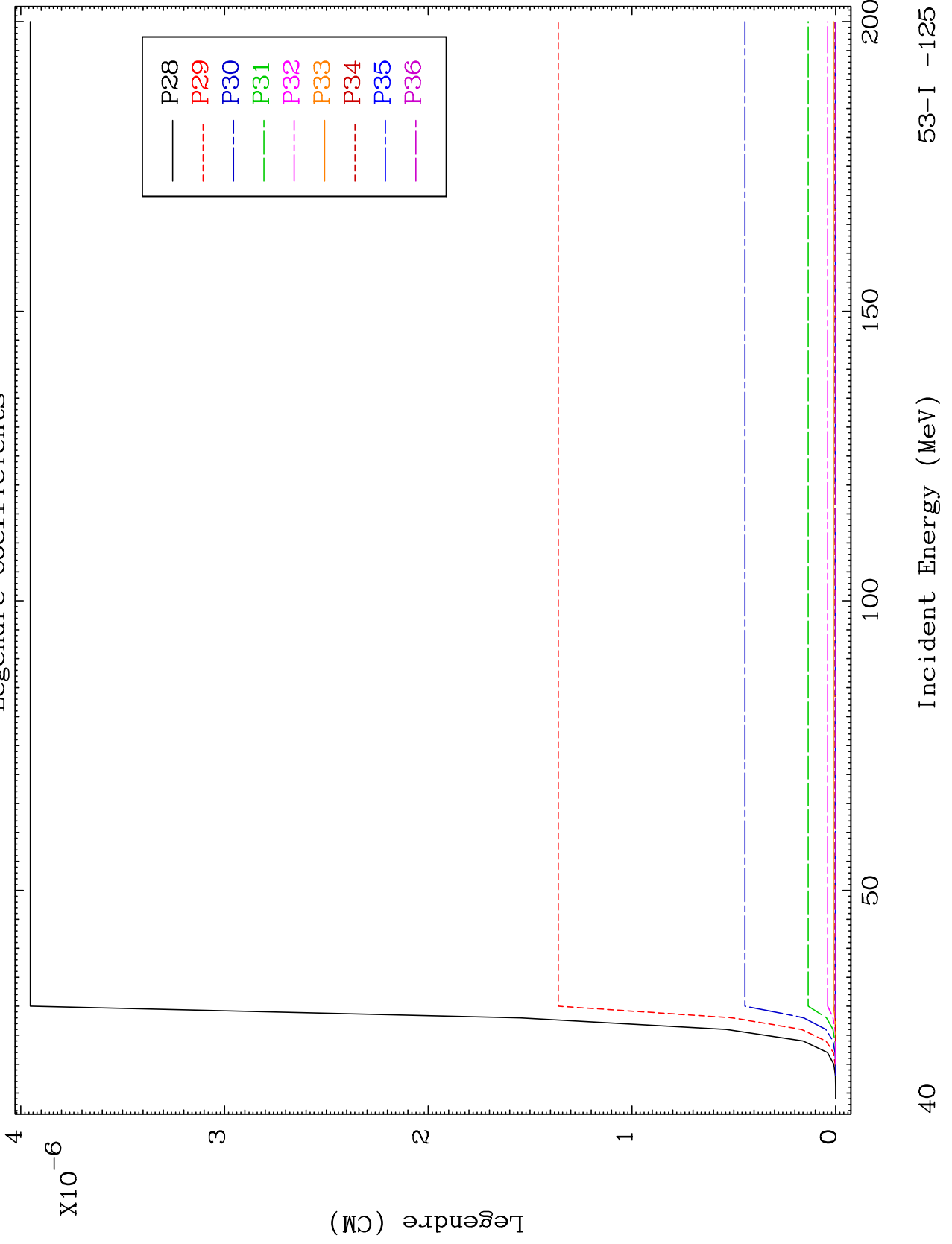
53-I -125



MAT 5319

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

53-I -125



40

50

100

150

200

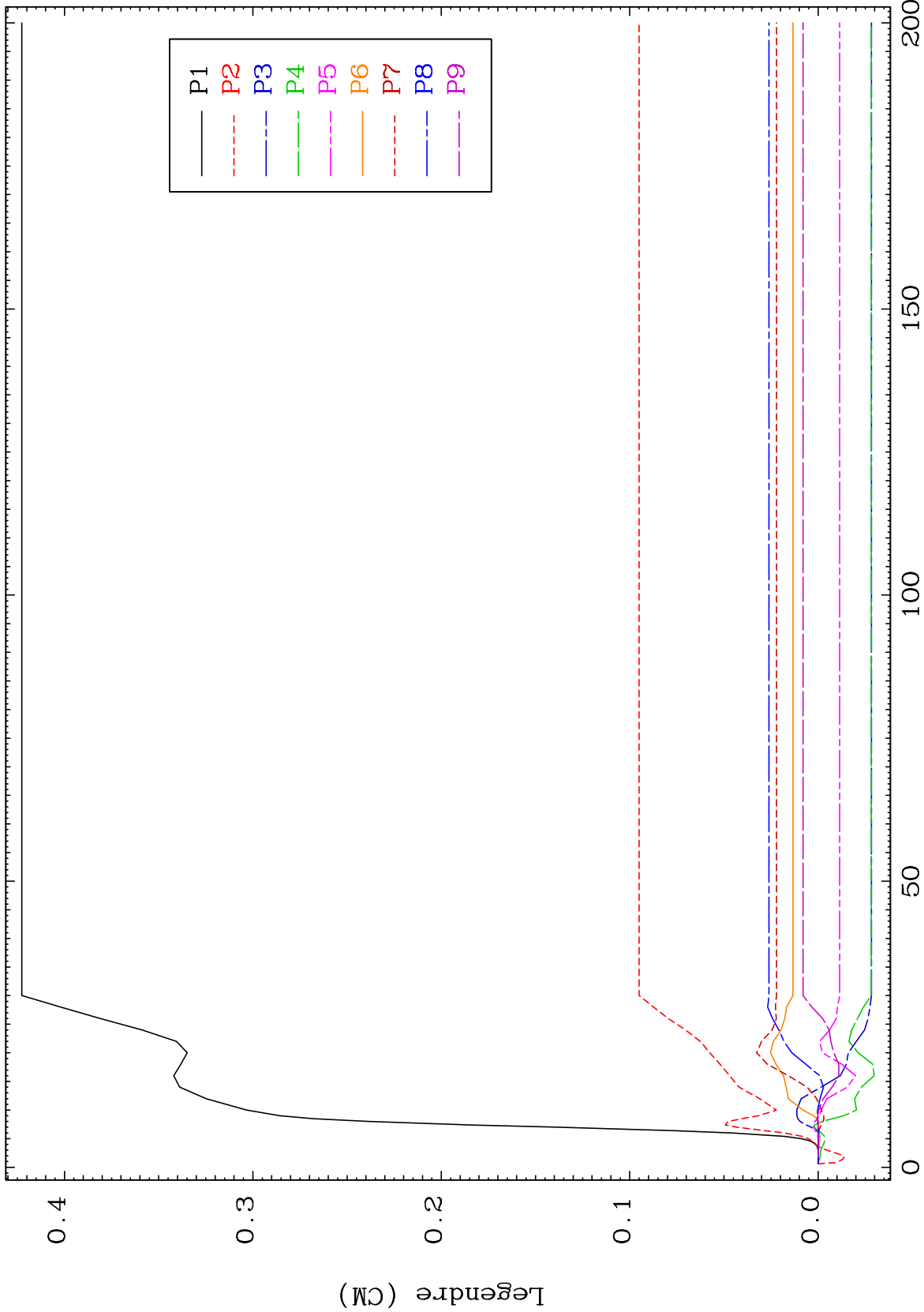
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



41

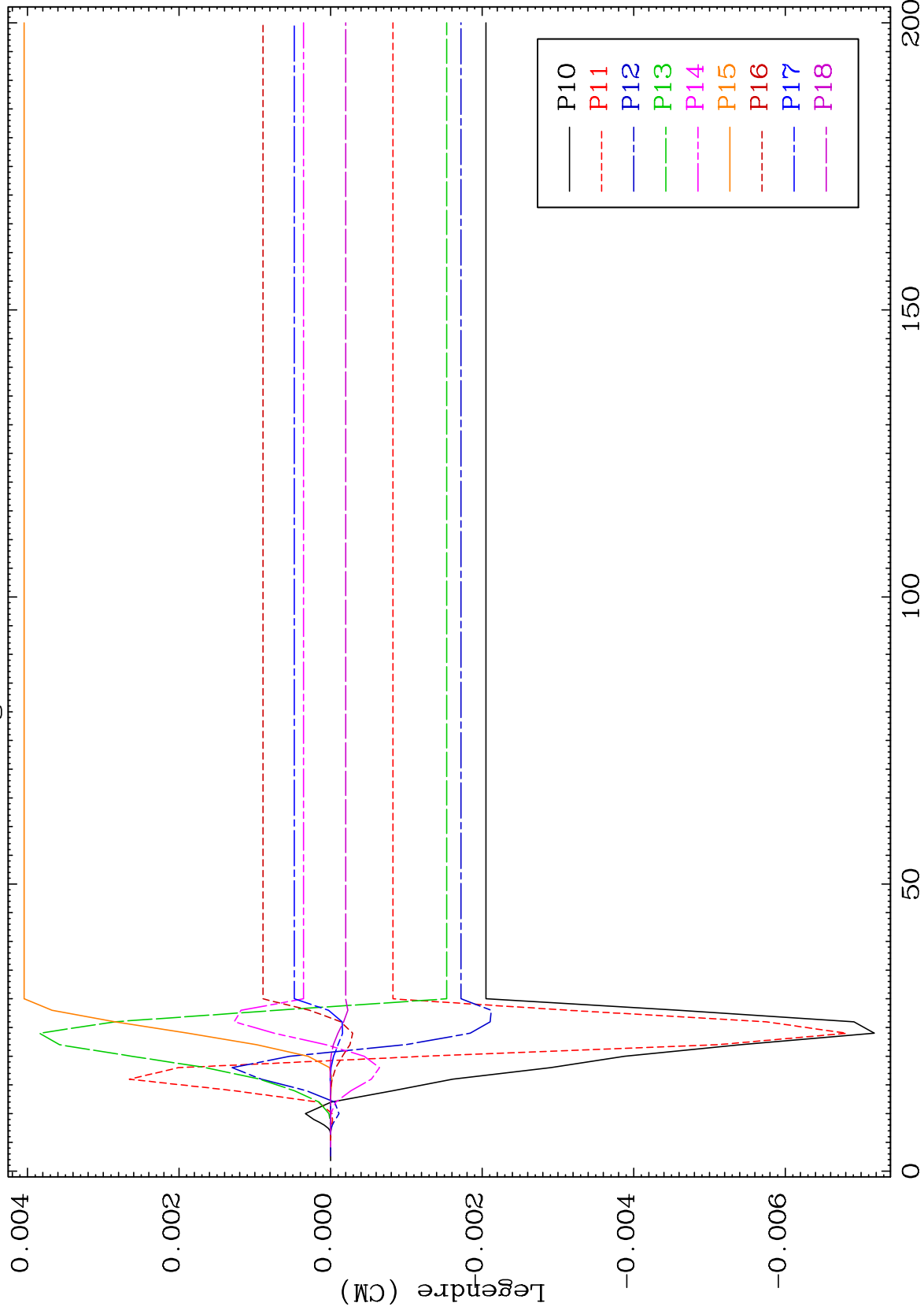
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



42

Incident Energy (MeV)

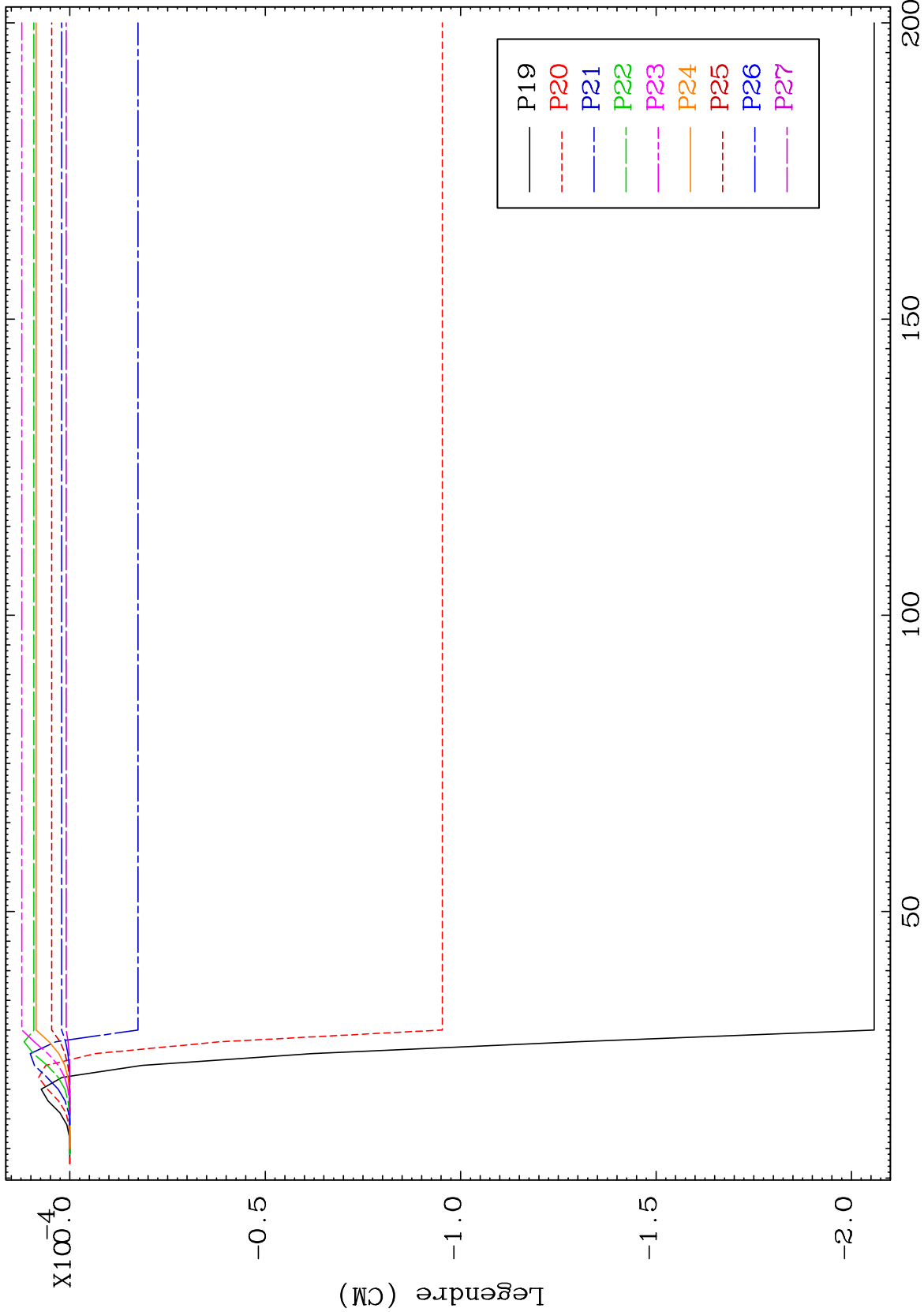
53-I -125

MAT 5319

MT= 57 (n,n') Level

53-I -125

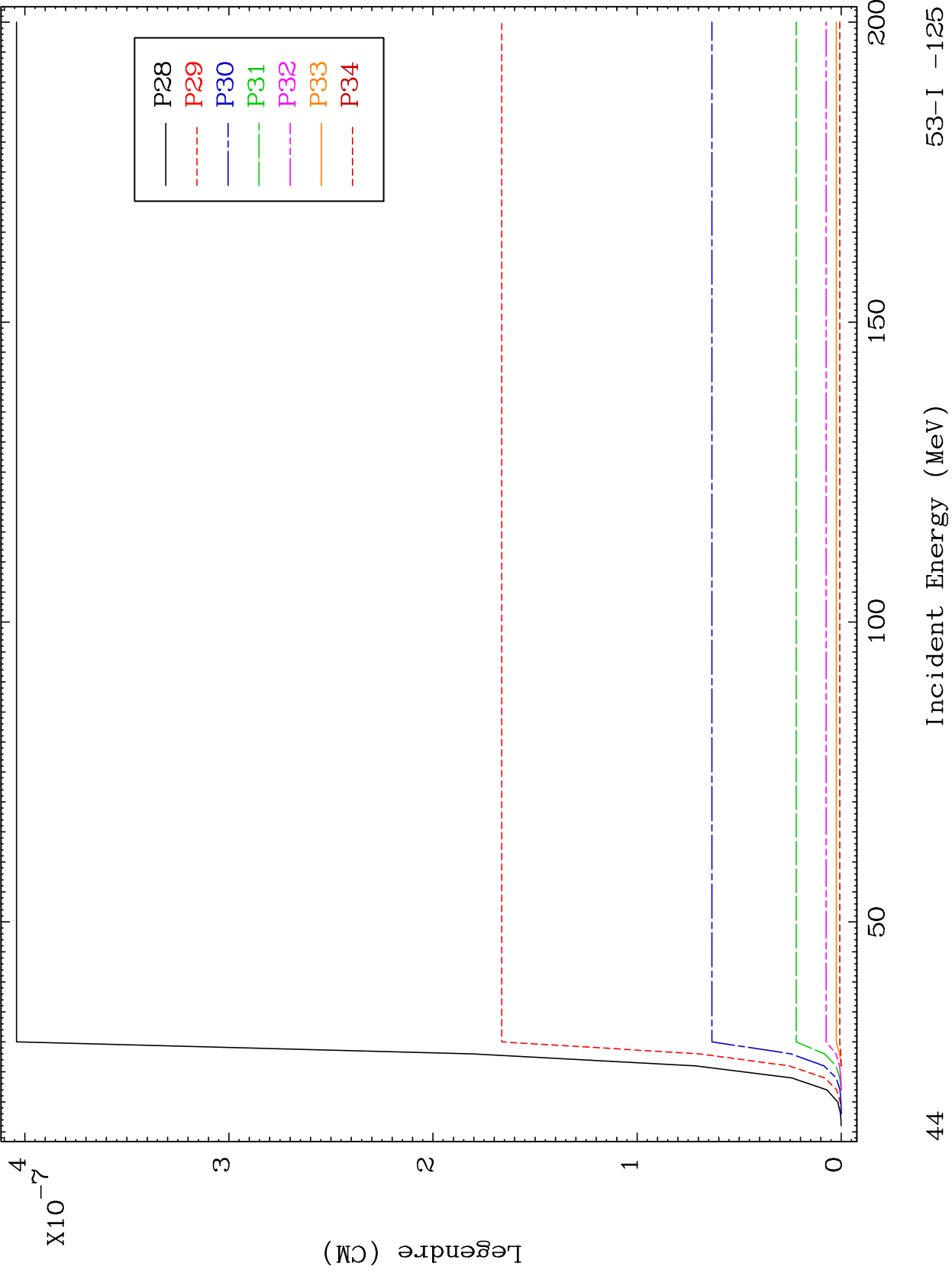
Legendre Coefficients



MAT 5319

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

53-I -125



44

Incident Energy (MeV)

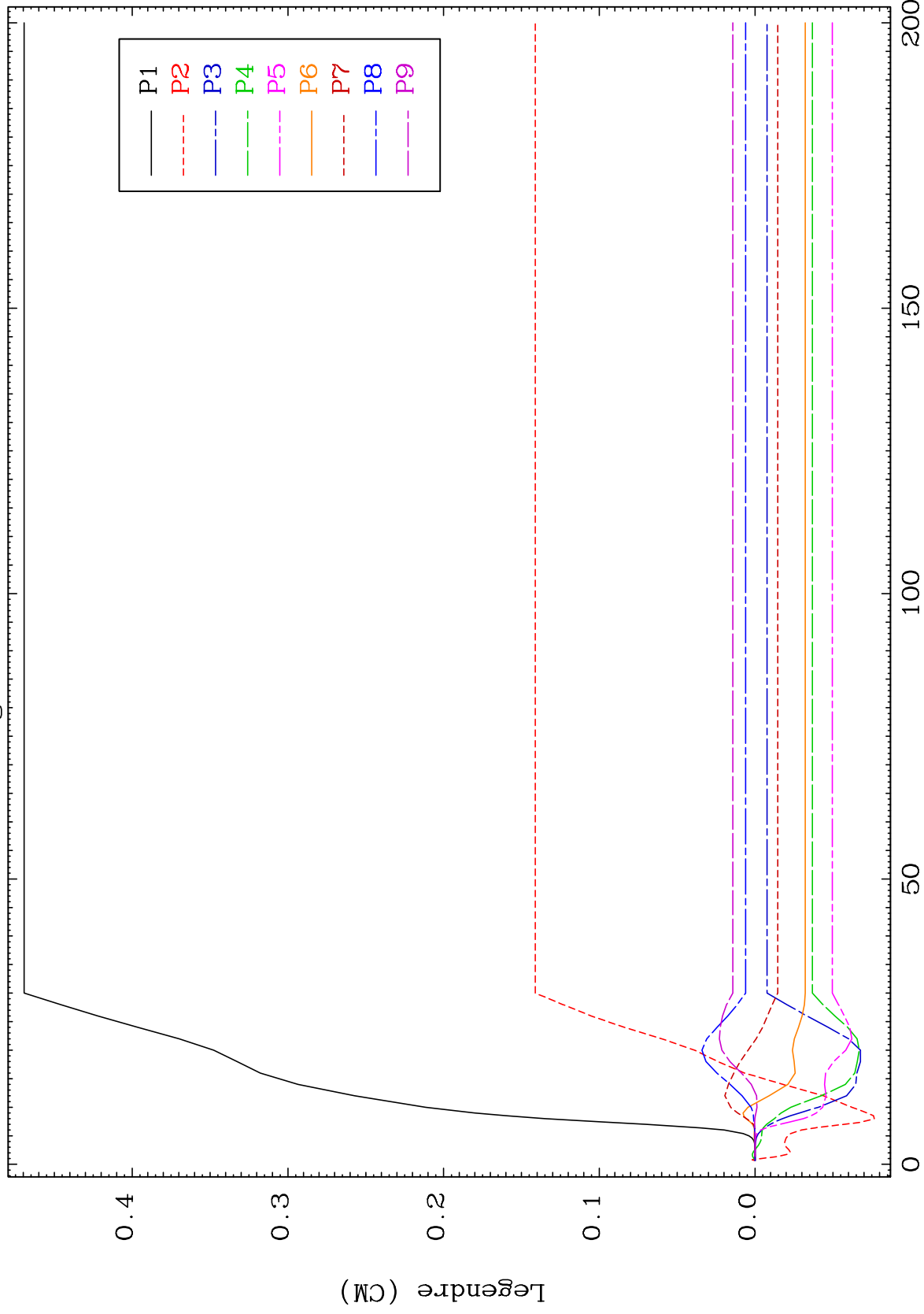
53-I -125

MAT 5319

MT= 58 (n,n') Level

53-I -125

Legendre Coefficients



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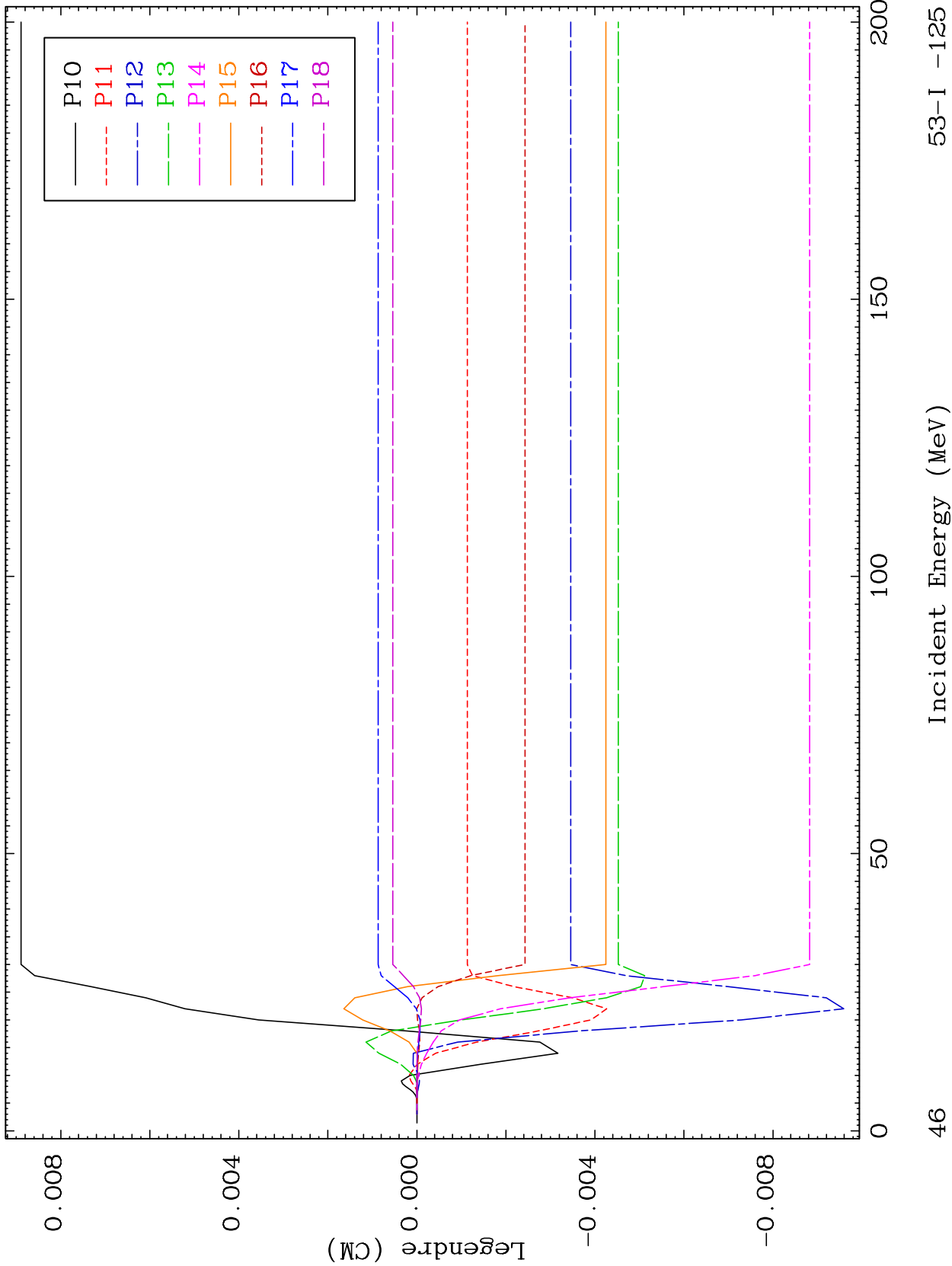
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



46

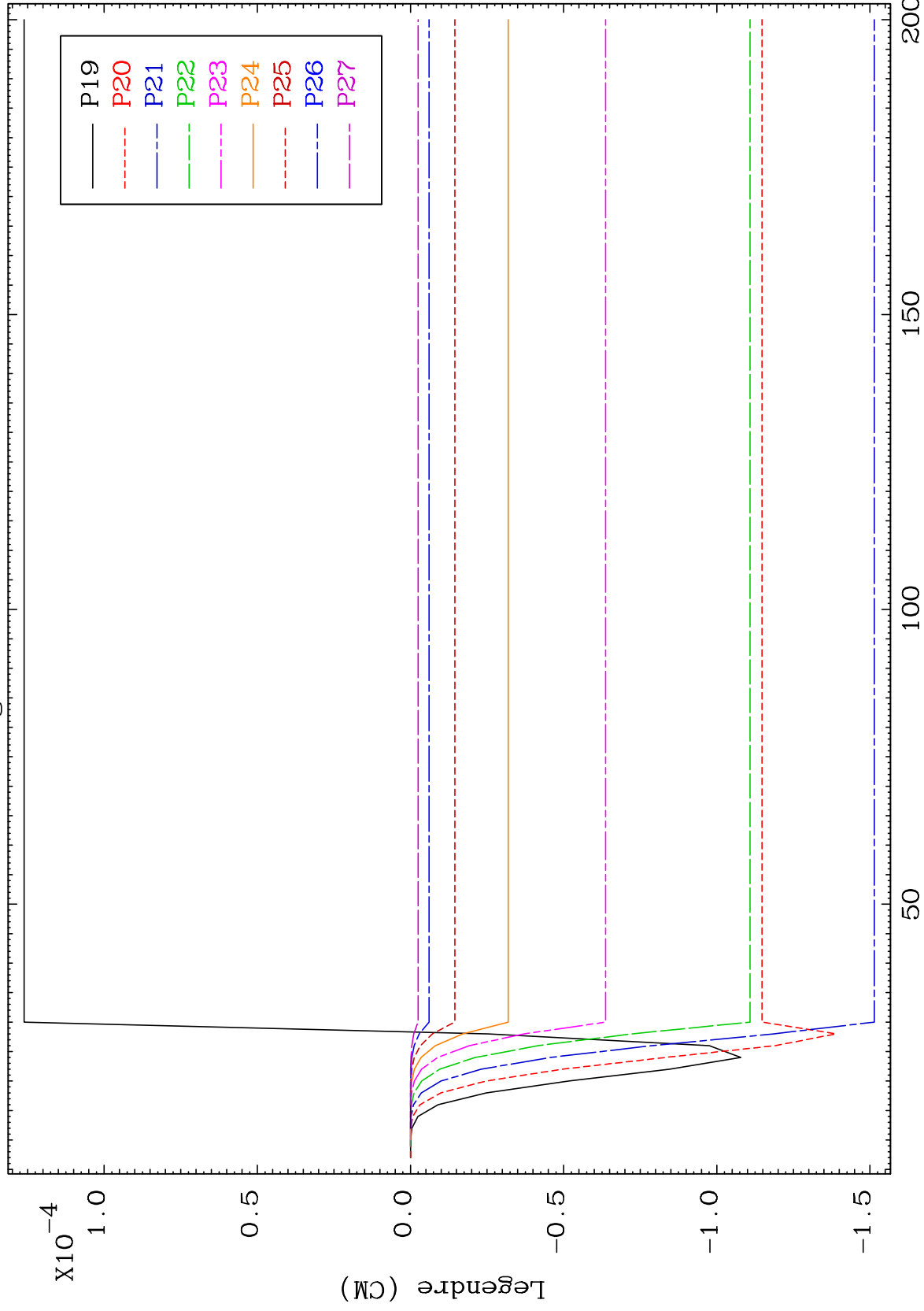
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125

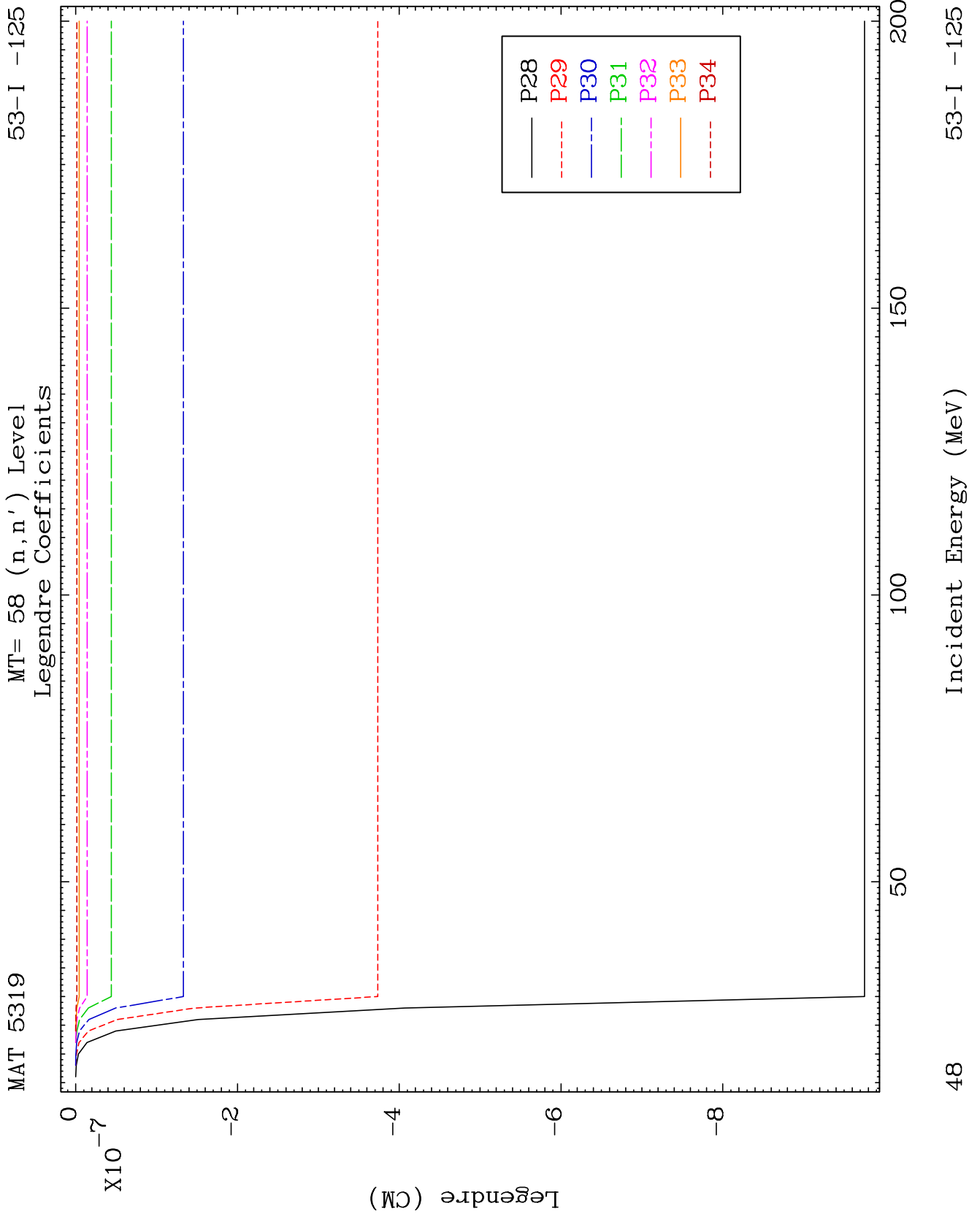


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Incident Energy (MeV)

53-I -125

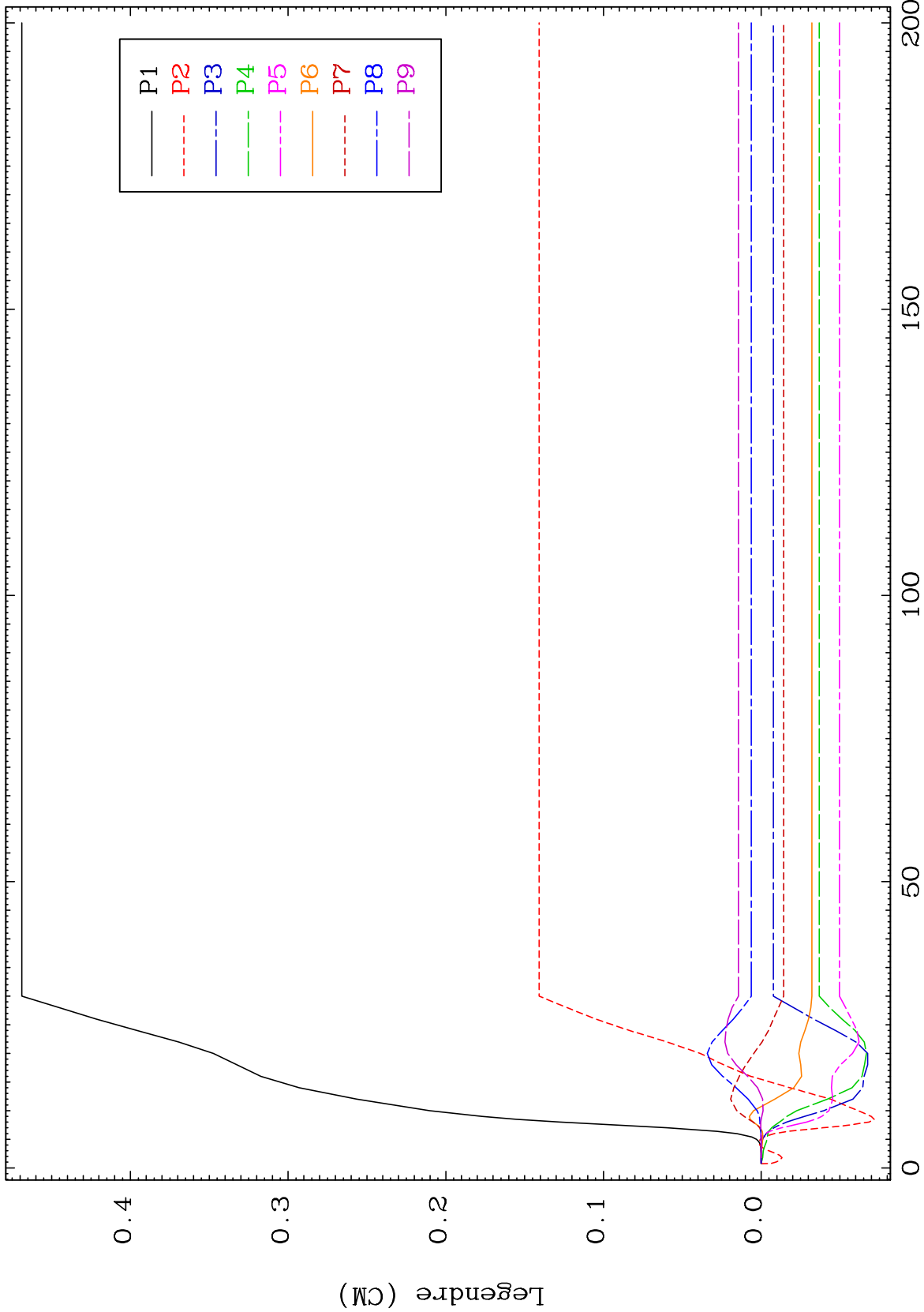




MAT 5319

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

53-I -125



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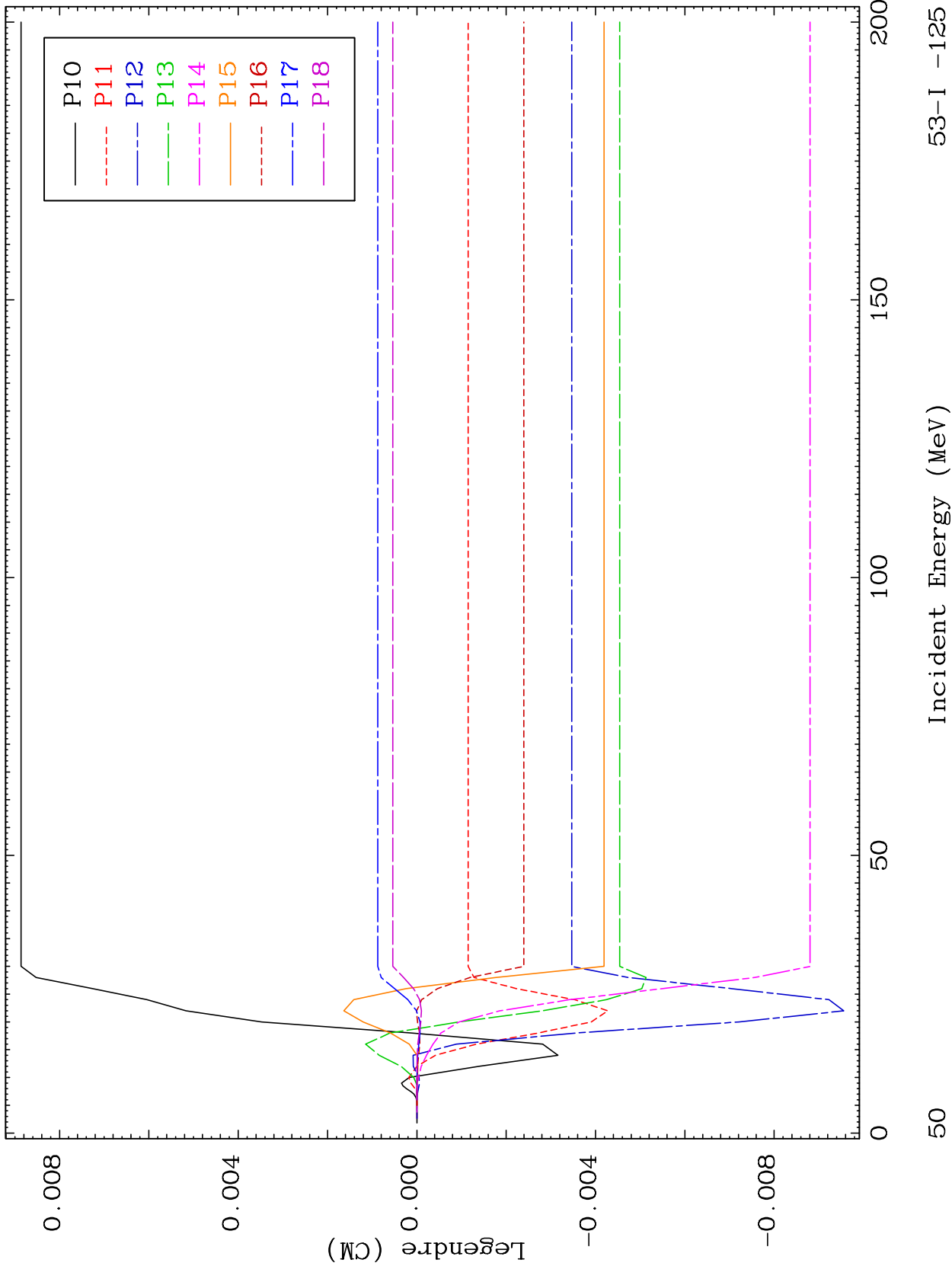
Incident Energy (MeV)

53-I -125

MAT 5319

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

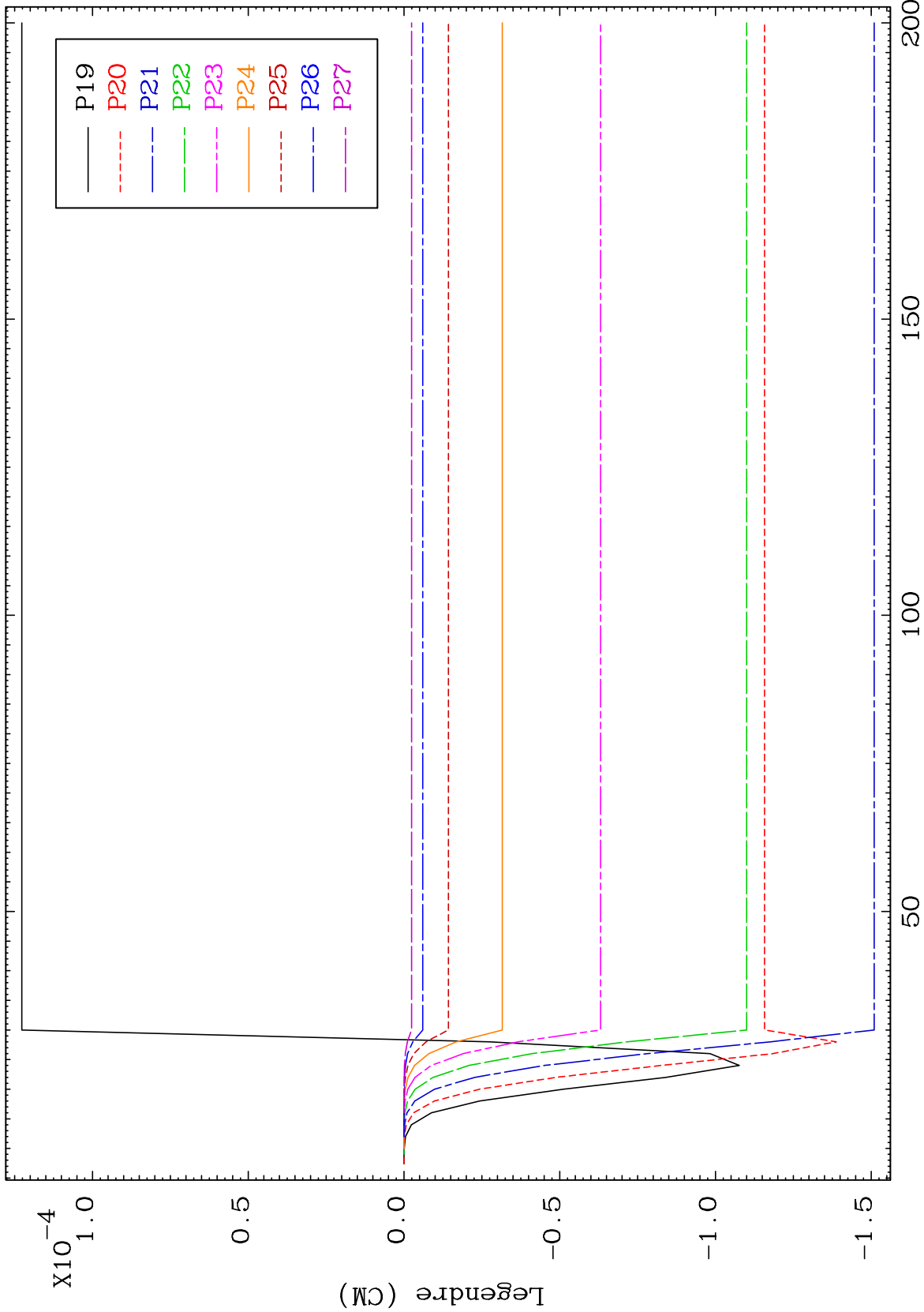
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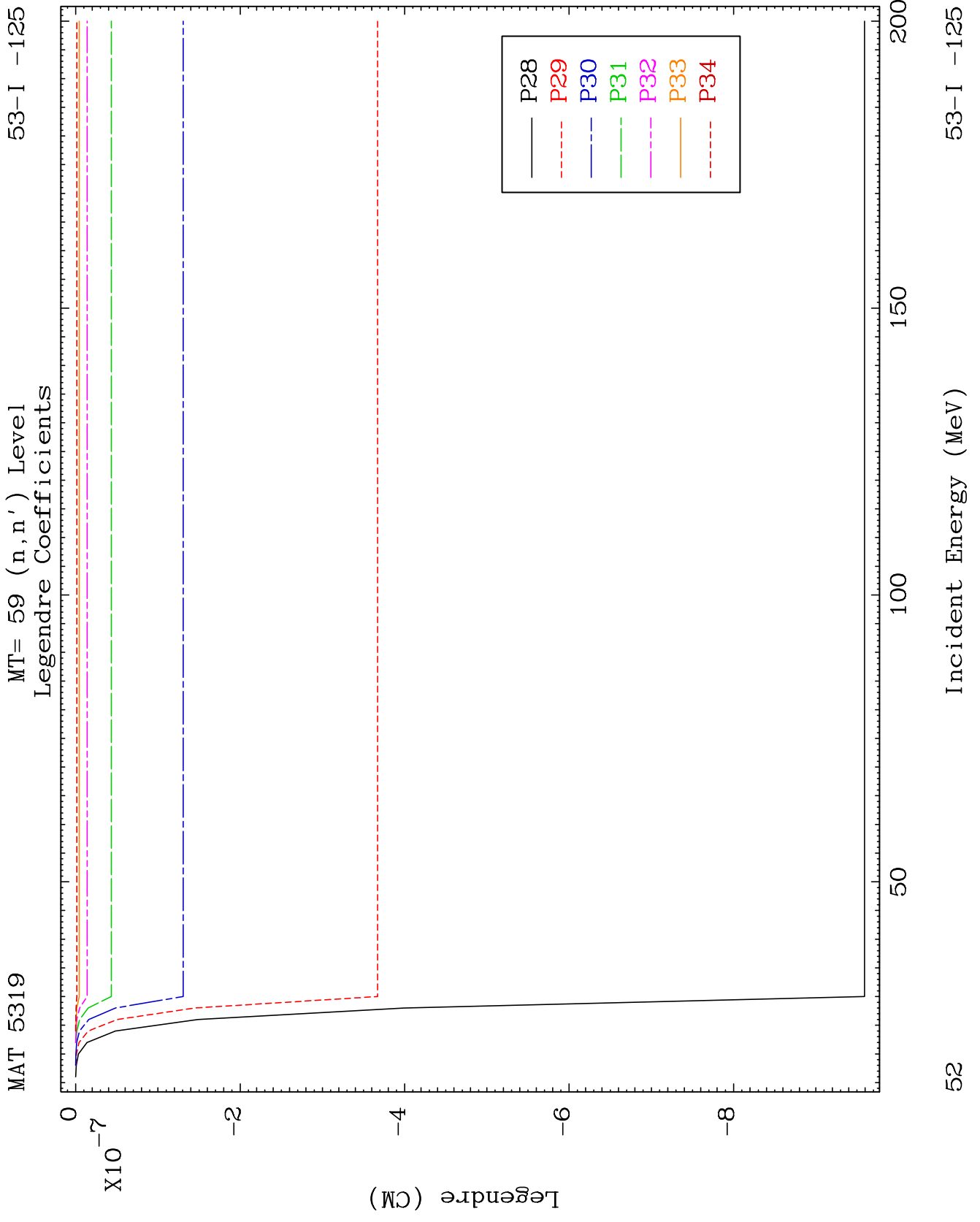


53-I -125

Incident Energy (MeV)

50

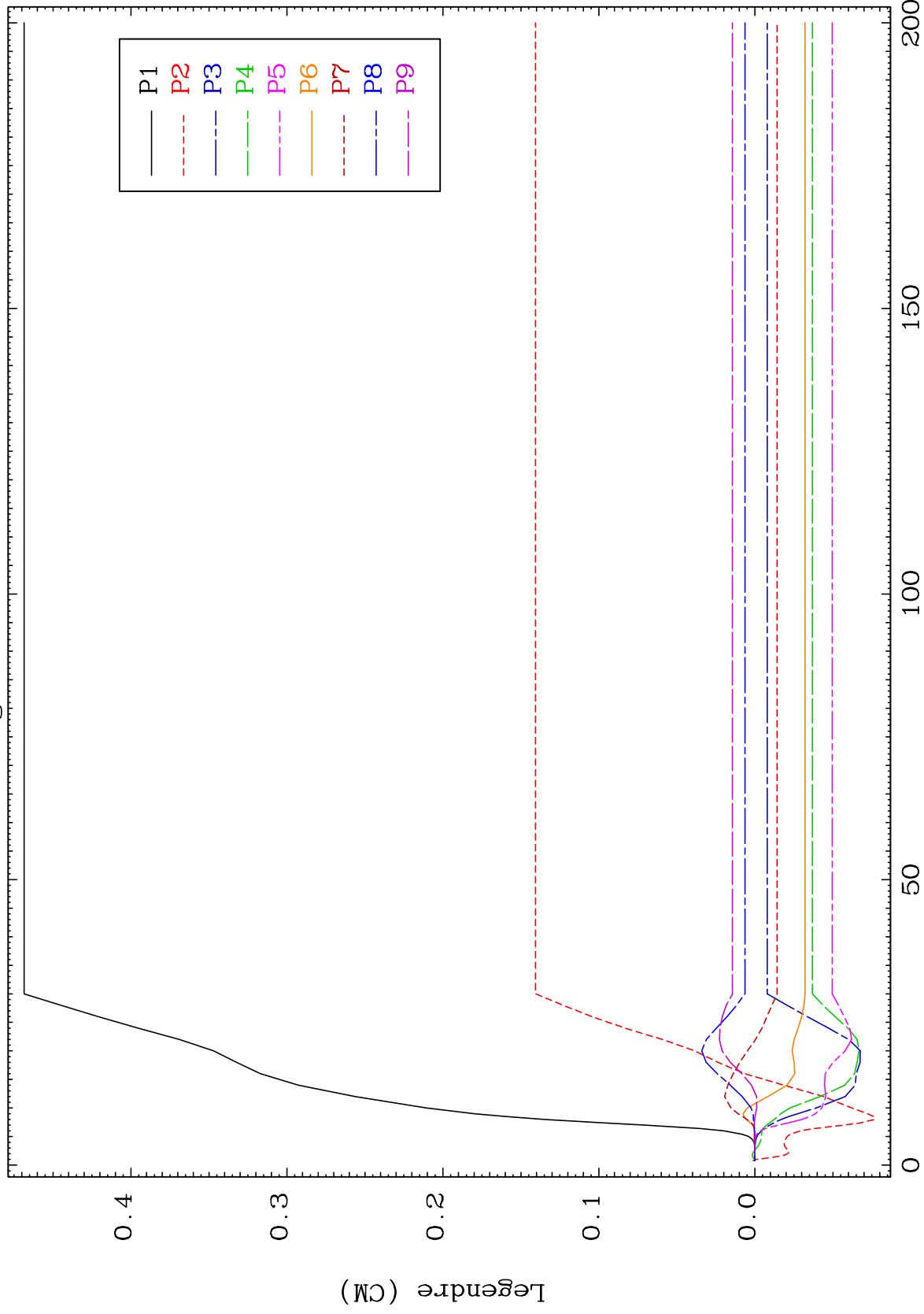




MAT 5319

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

53-I -125



53

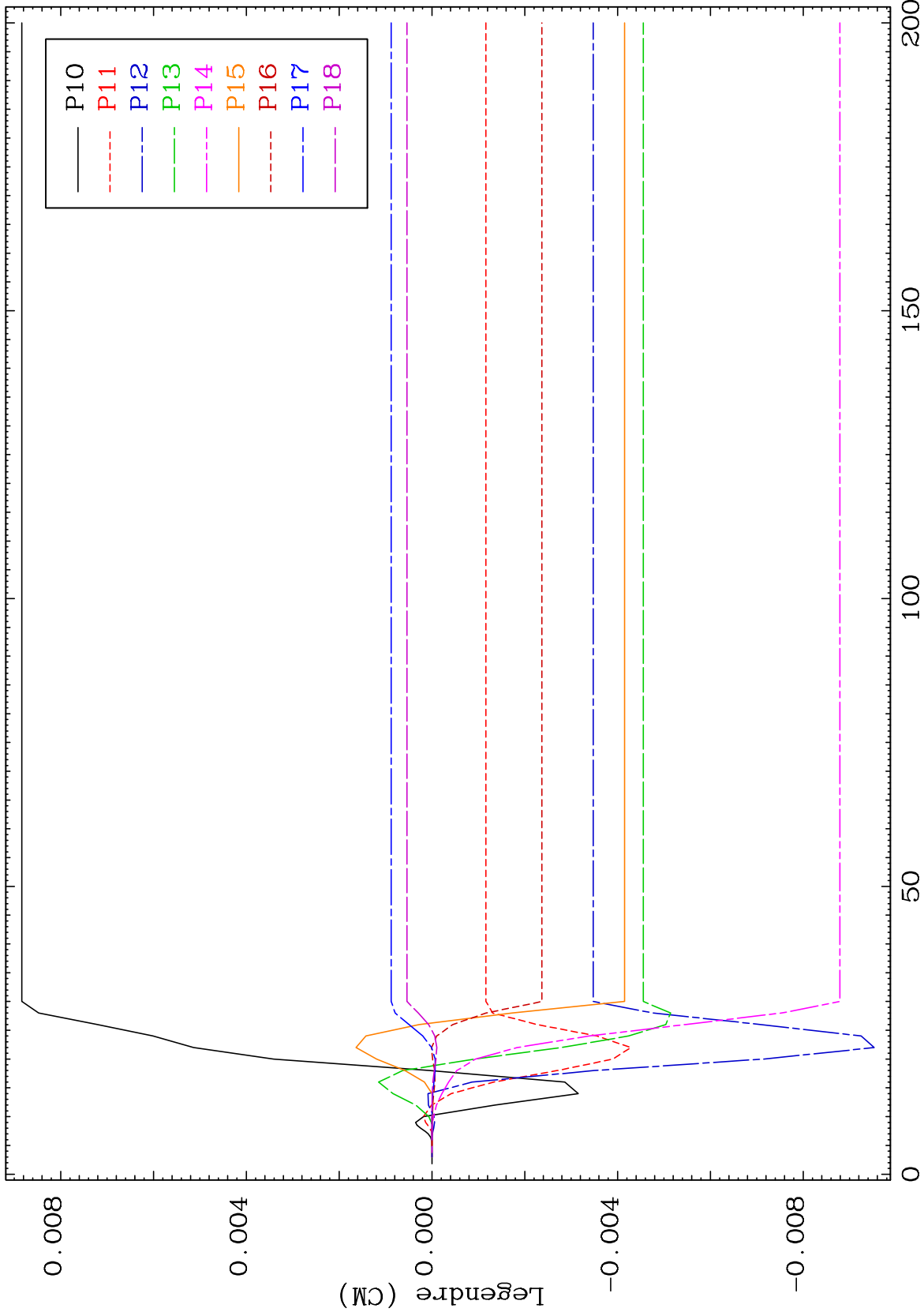
Incident Energy (MeV)

53-I -125

MAT 5319

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

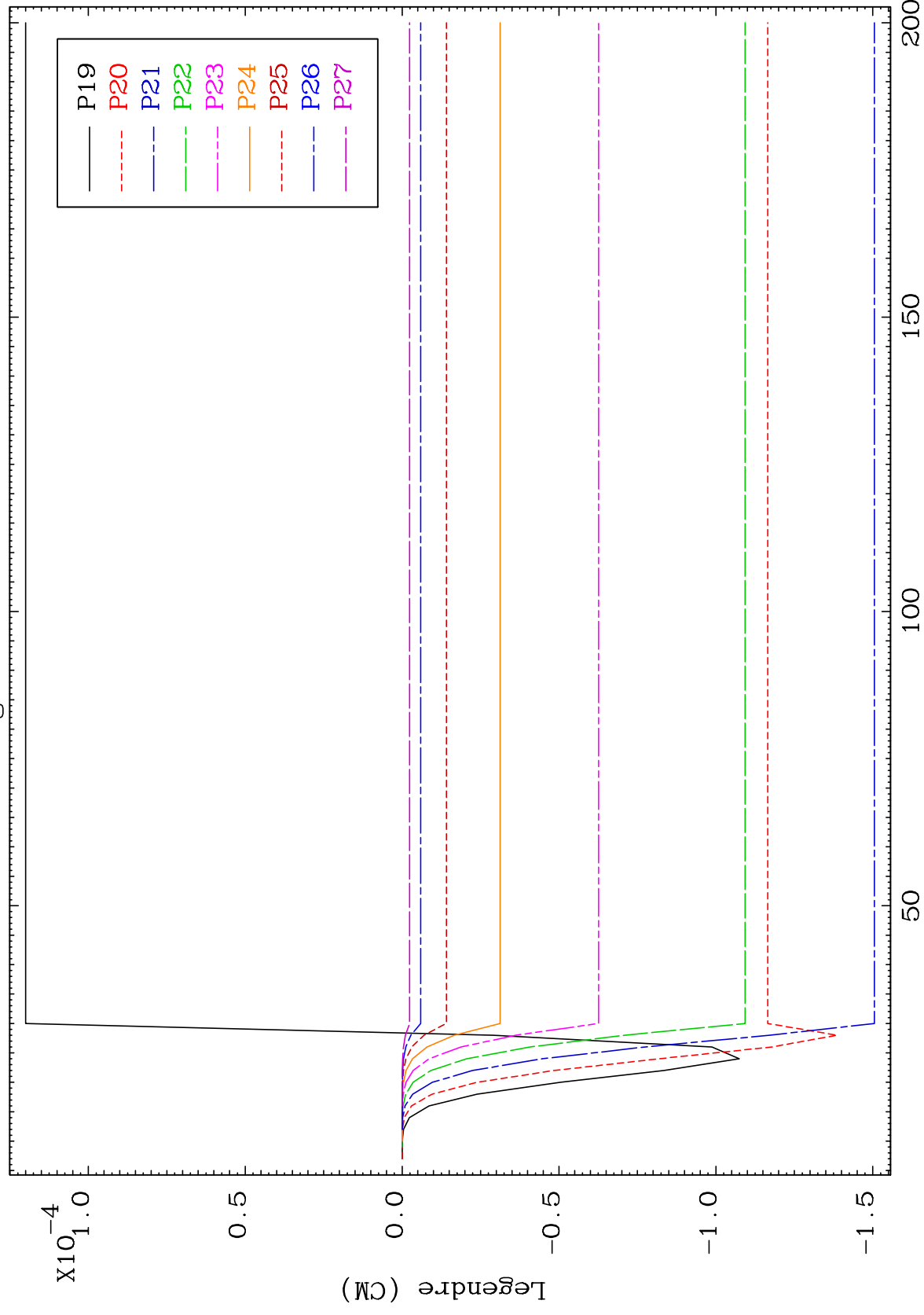
53-I -125



54

Incident Energy (MeV)

53-I -125



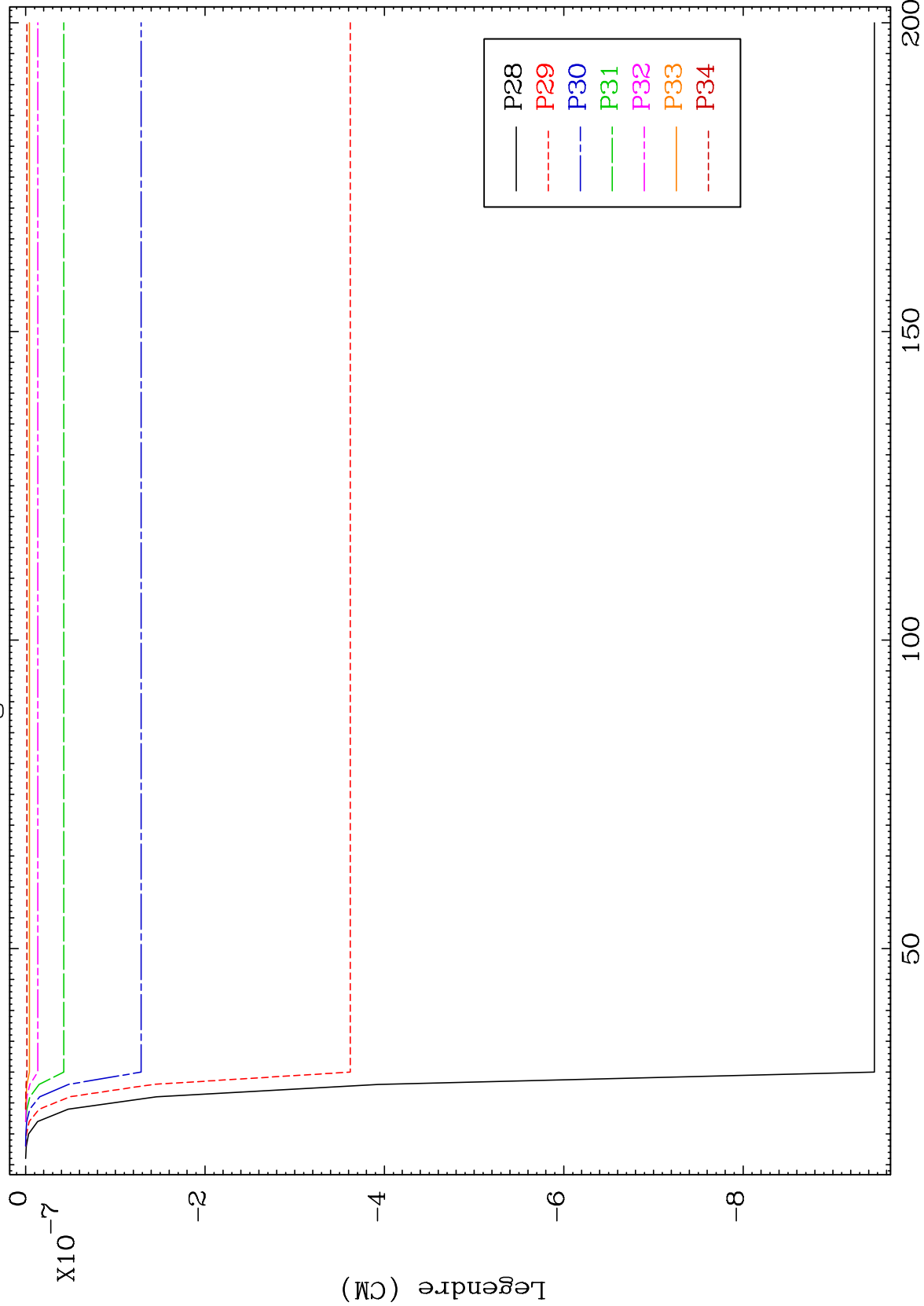


MAT 5319

MT= 60 (n,n') Level

53-I -125

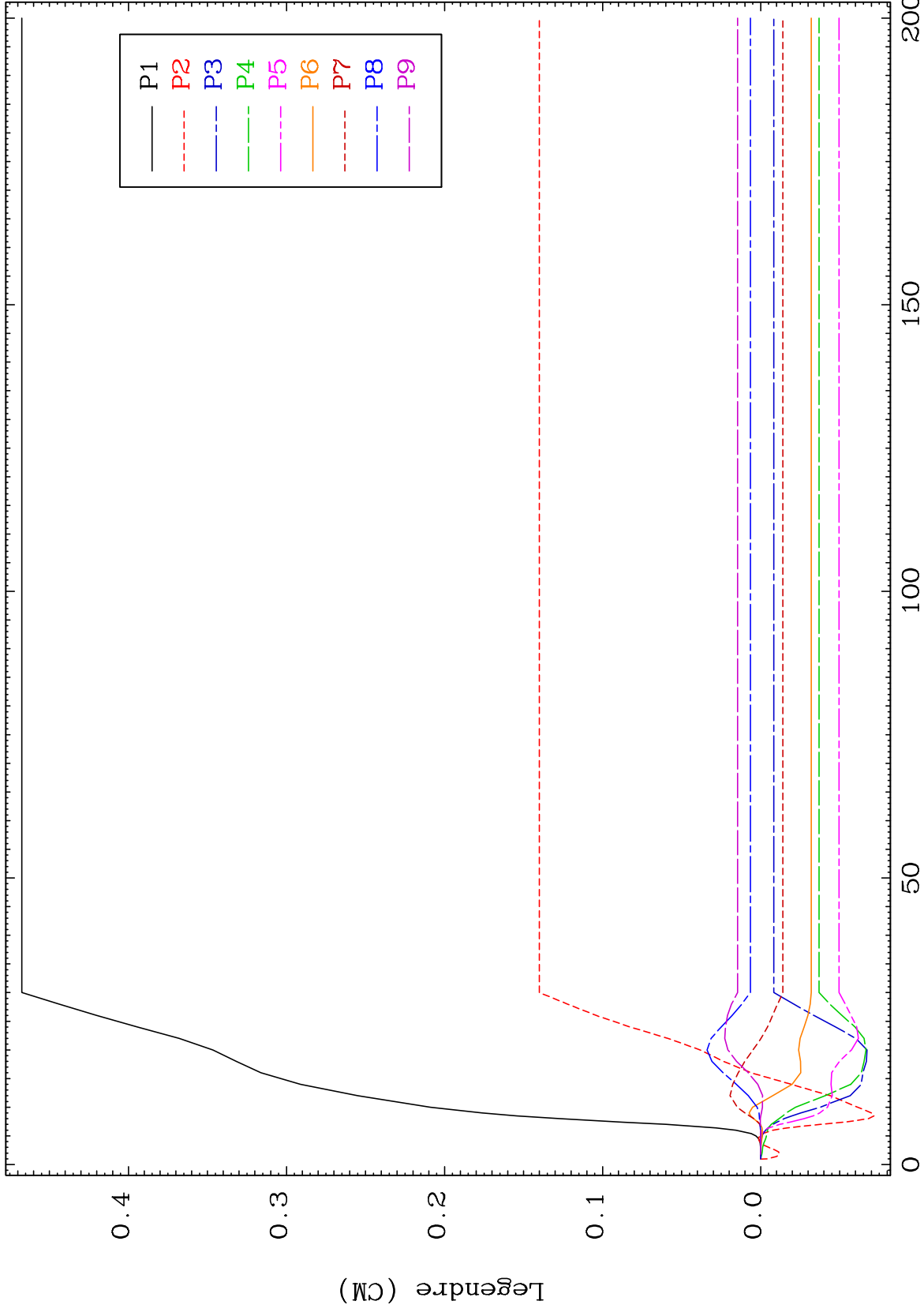
Legendre Coefficients



56

Incident Energy (MeV)

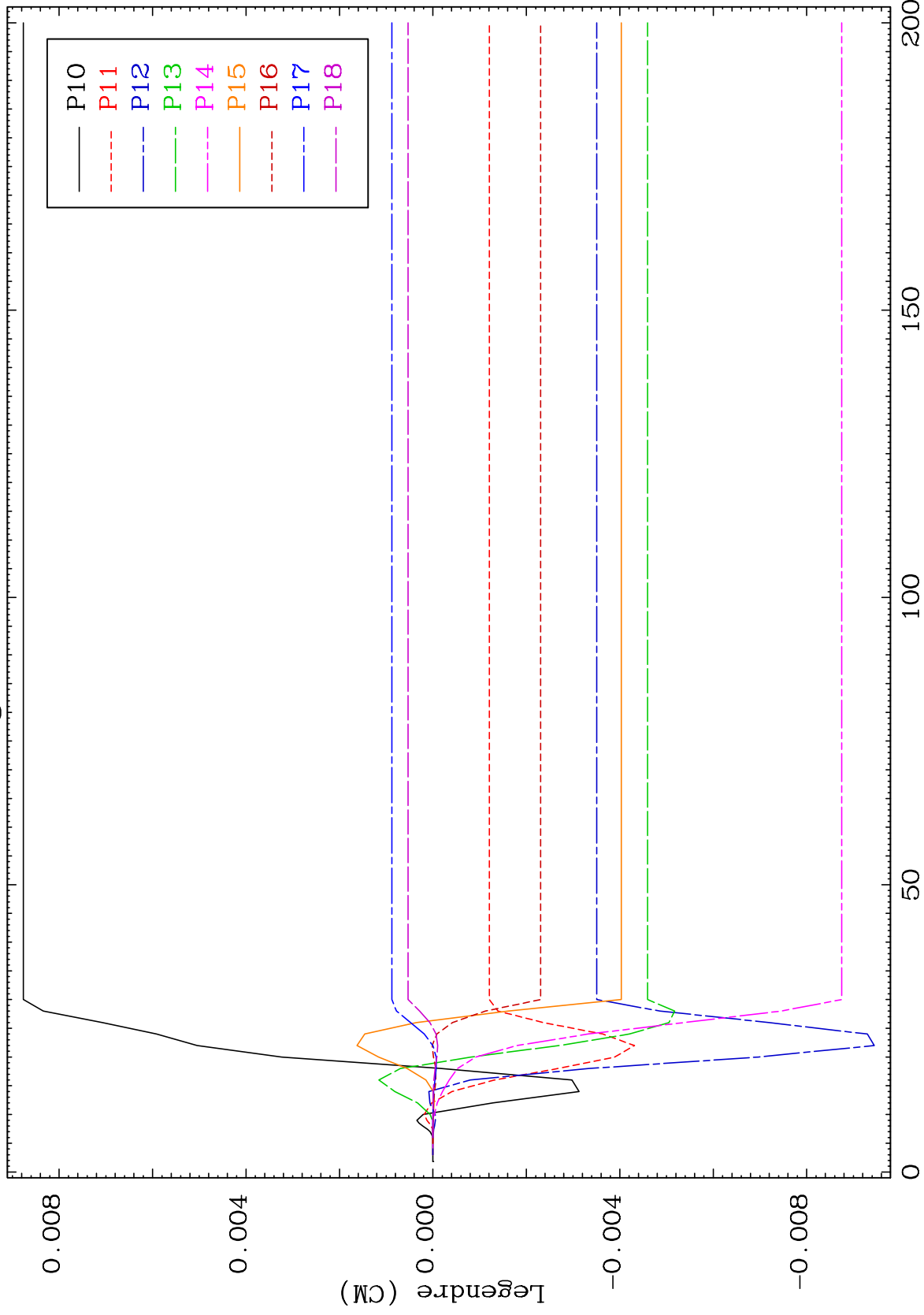
53-I -125



MAT 5319

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

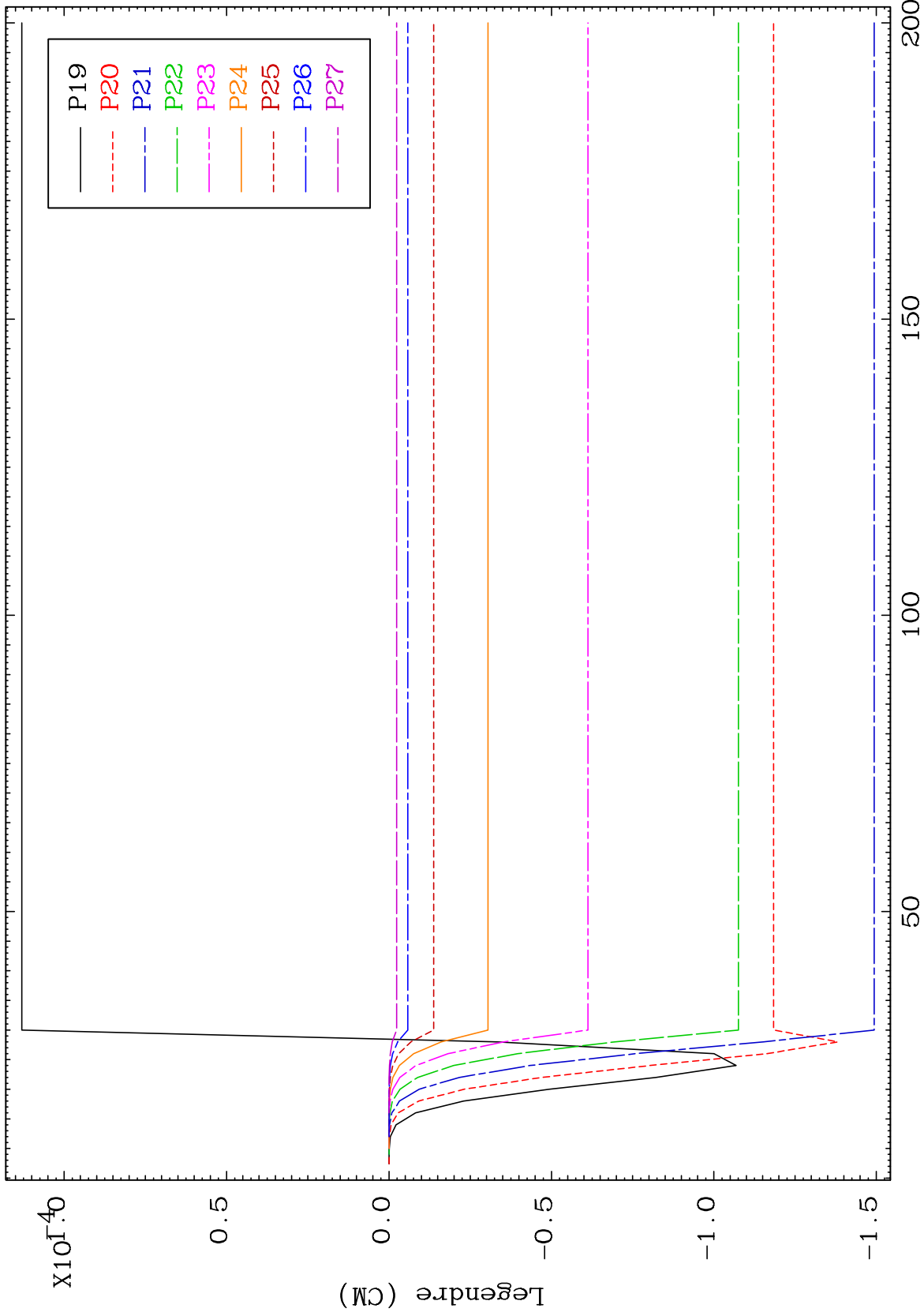
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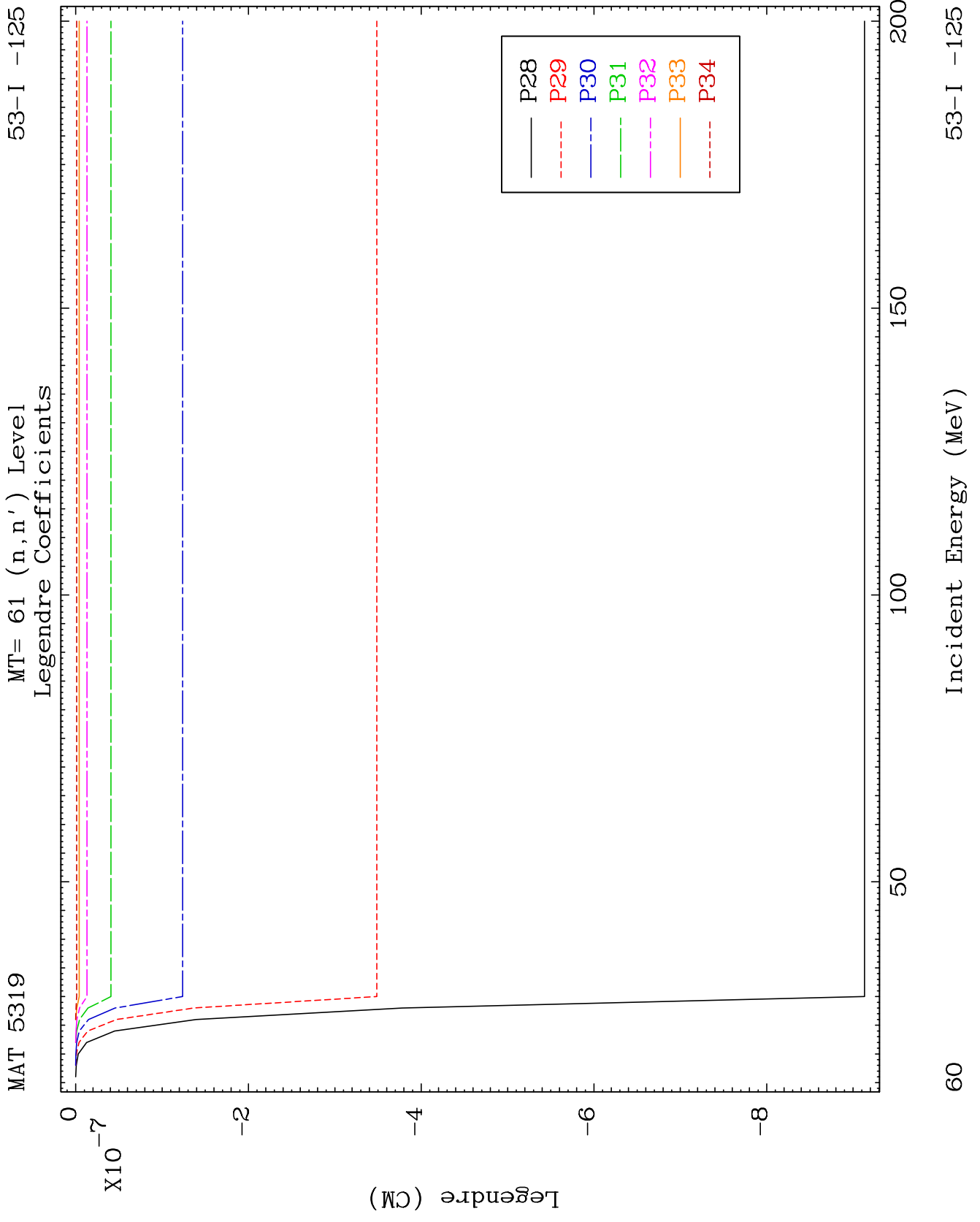


58

Incident Energy (MeV)

53-I -125

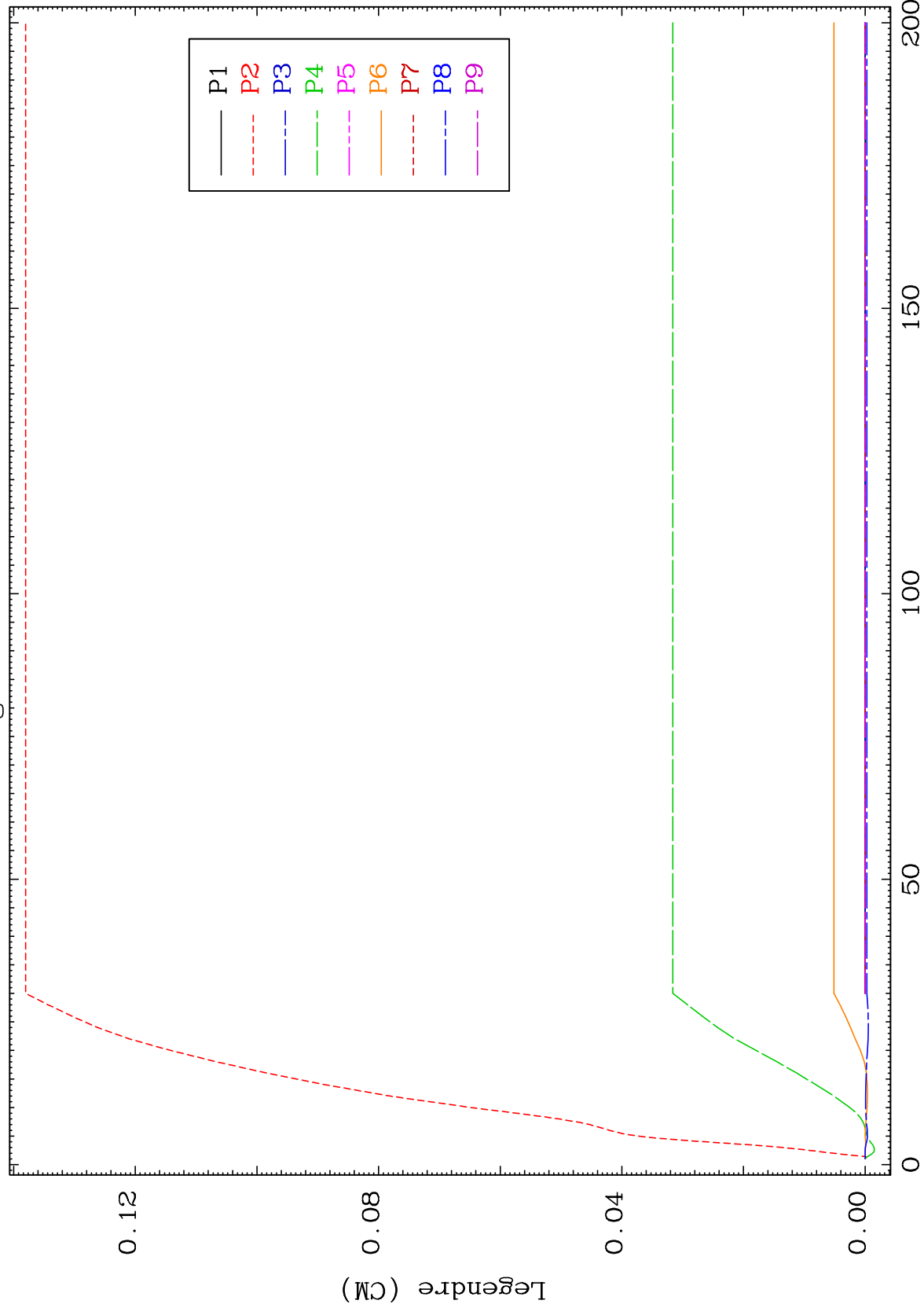




MAT 5319

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

53-I -125



61

Incident Energy (MeV)

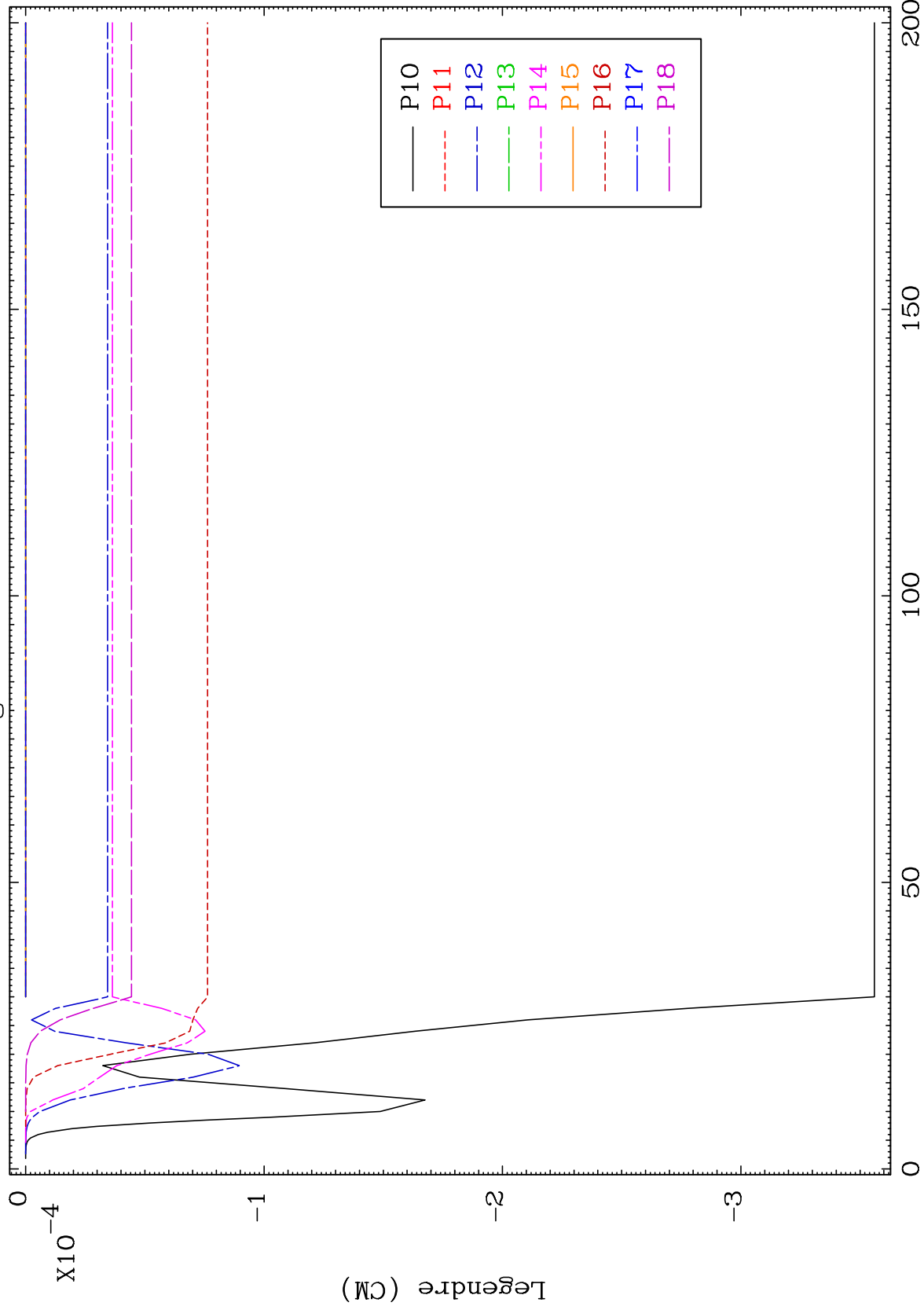
53-I -125

MAT 5319

MT= 62 (n,n') Level

53-I -125

Legendre Coefficients



62

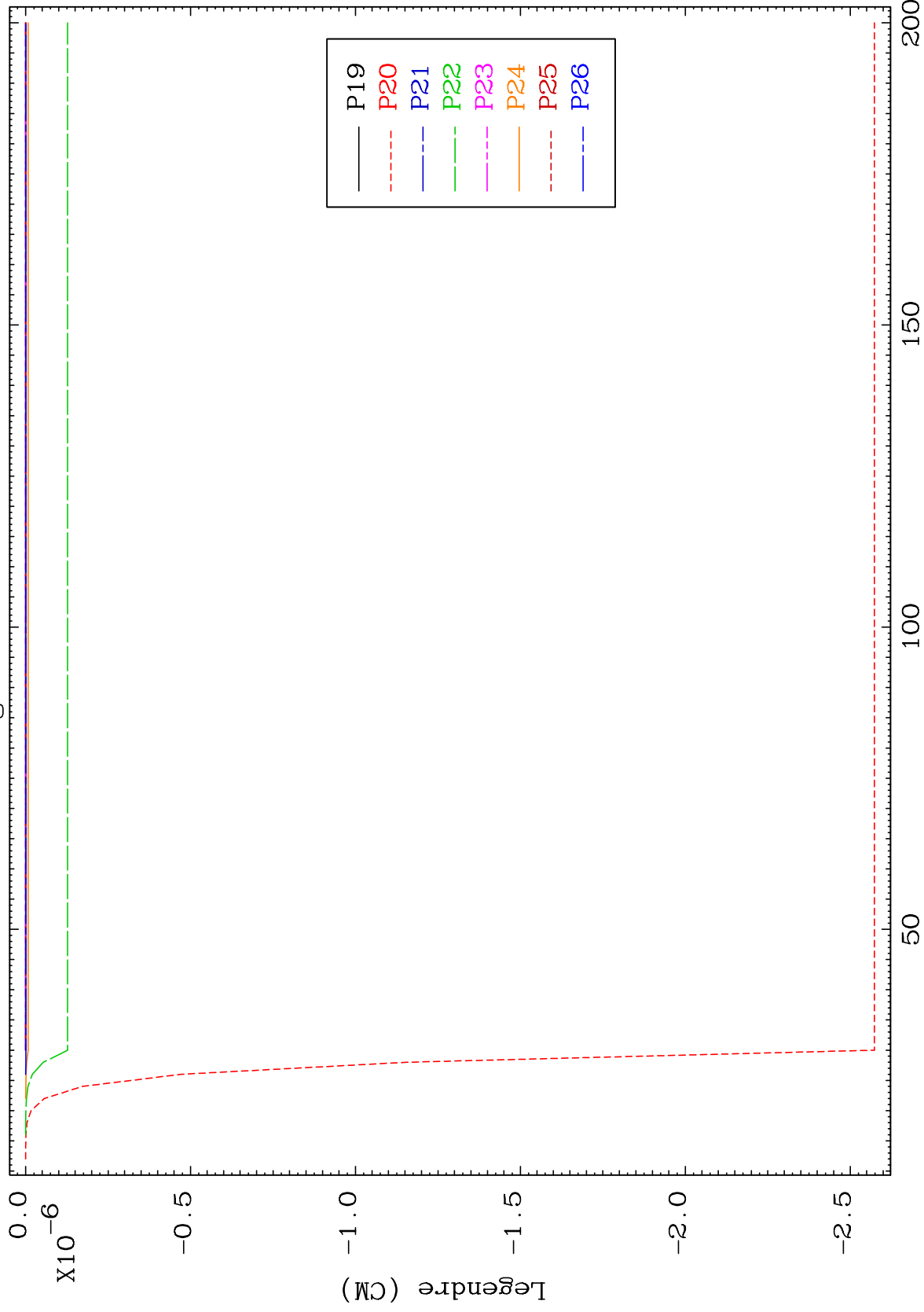
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



63

Incident Energy (MeV)

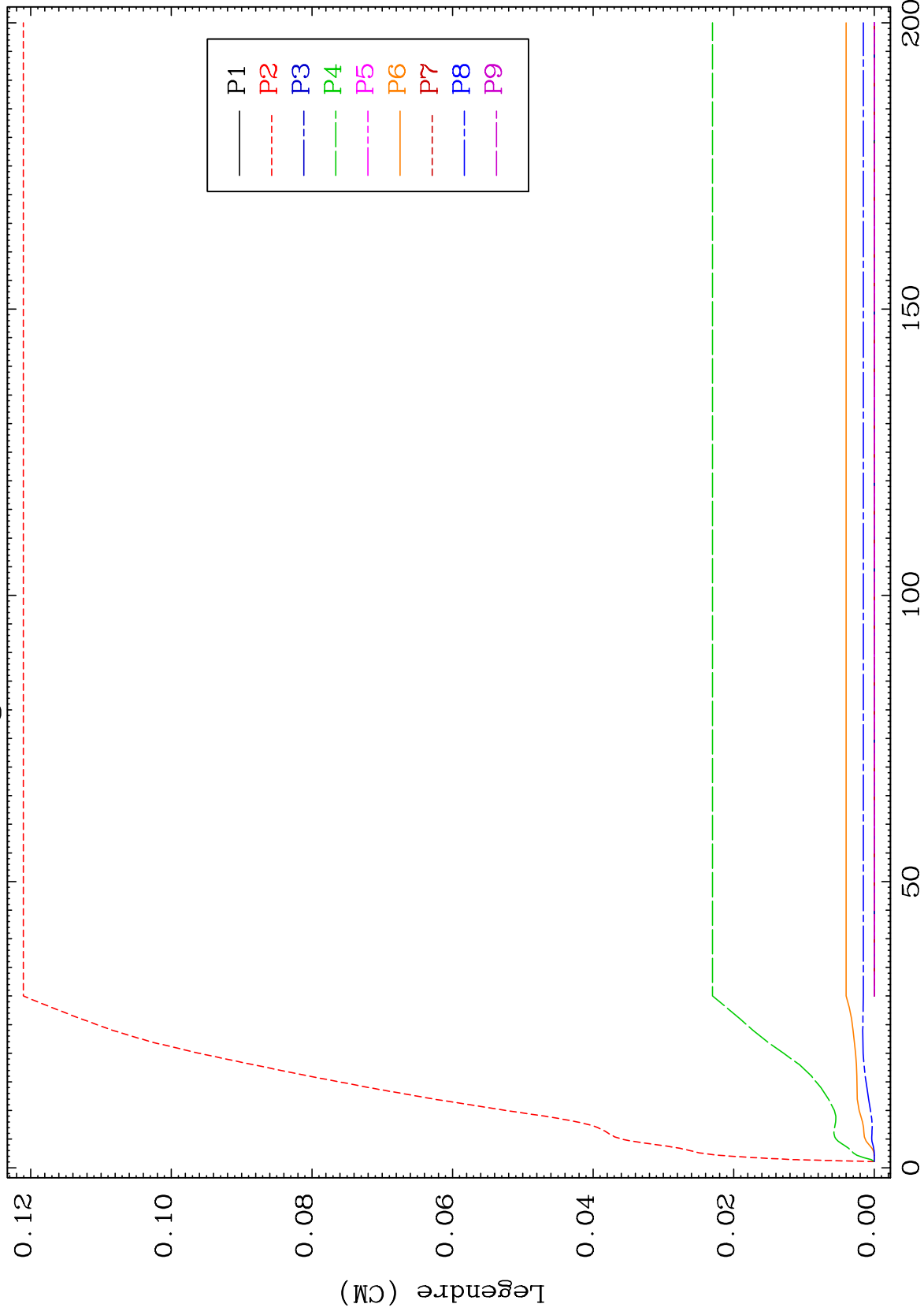
53-I -125



MAT 5319

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

53-I -125



64

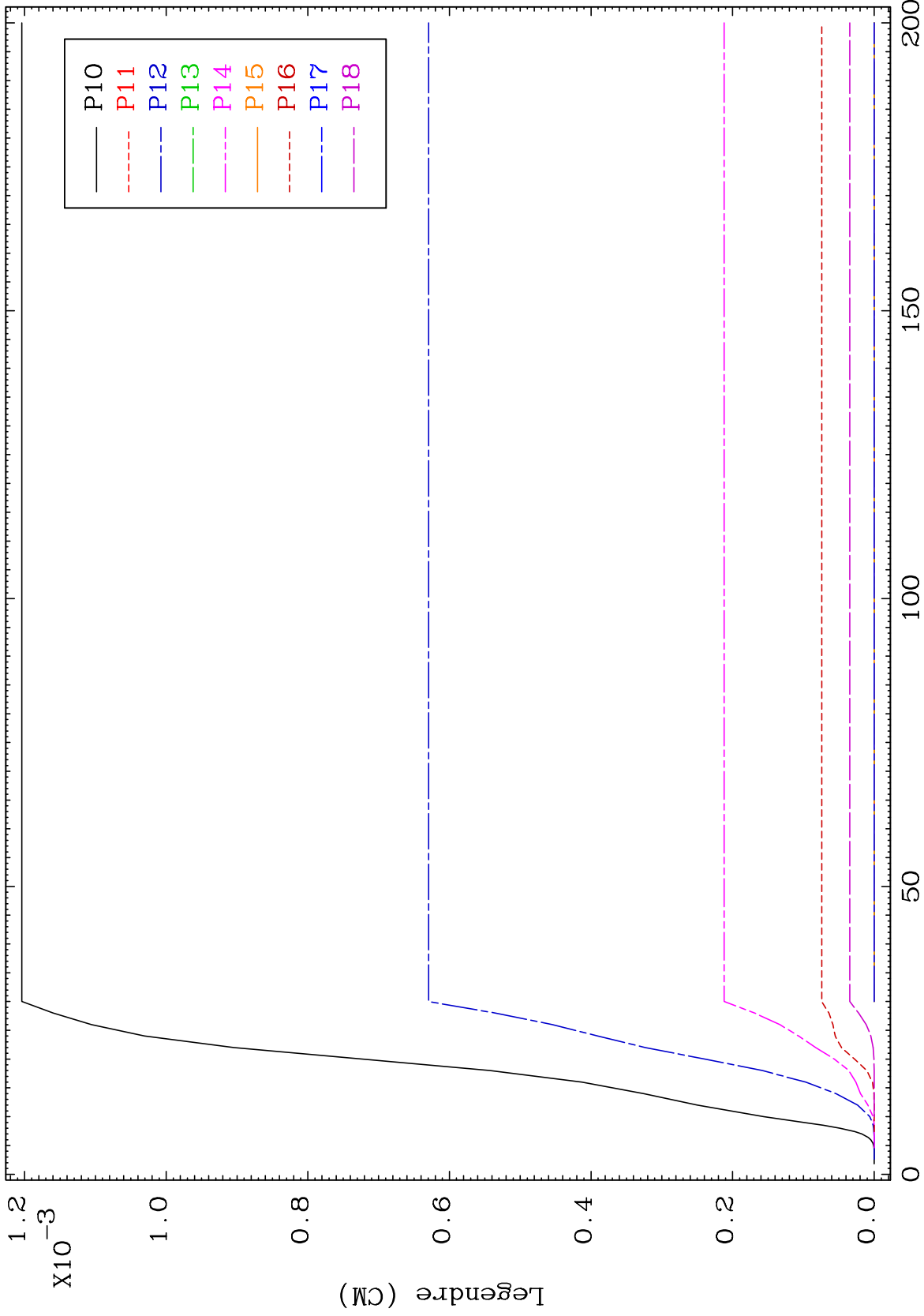
Incident Energy (MeV)

53-I -125

MAT 5319

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

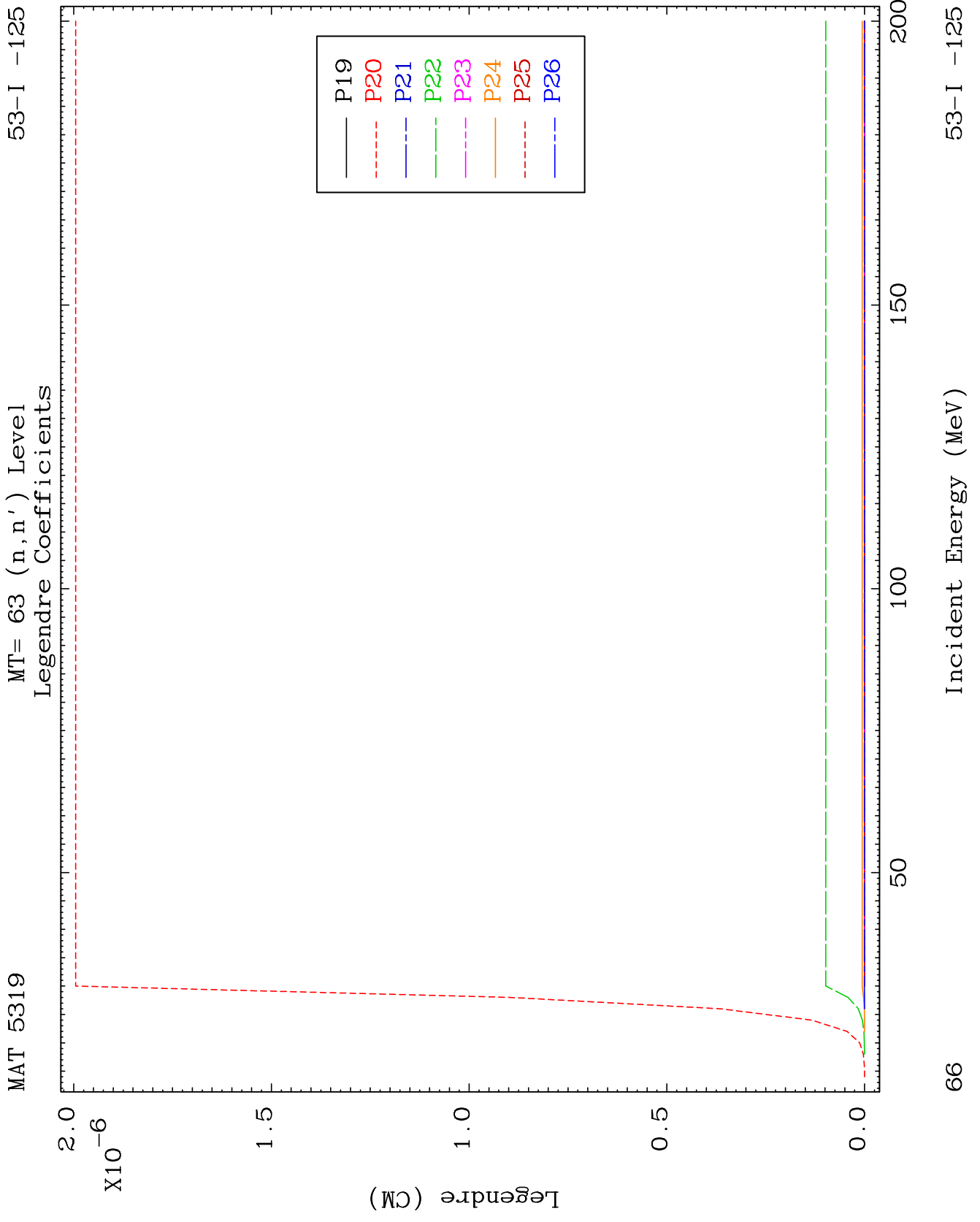
53-I -125



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Incident Energy (MeV)

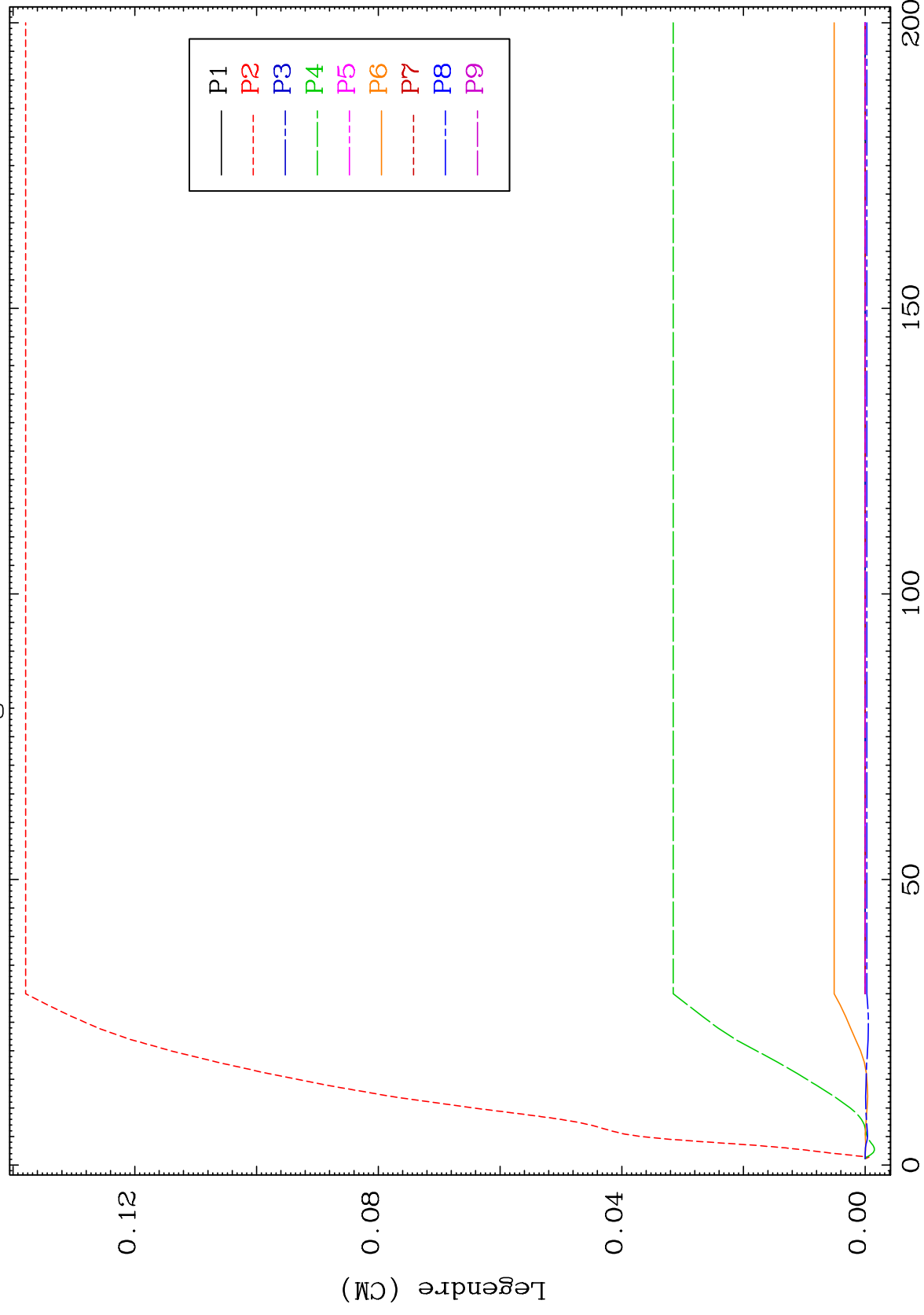
53-I -125



MAT 5319

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

53-I -125



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Incident Energy (MeV)

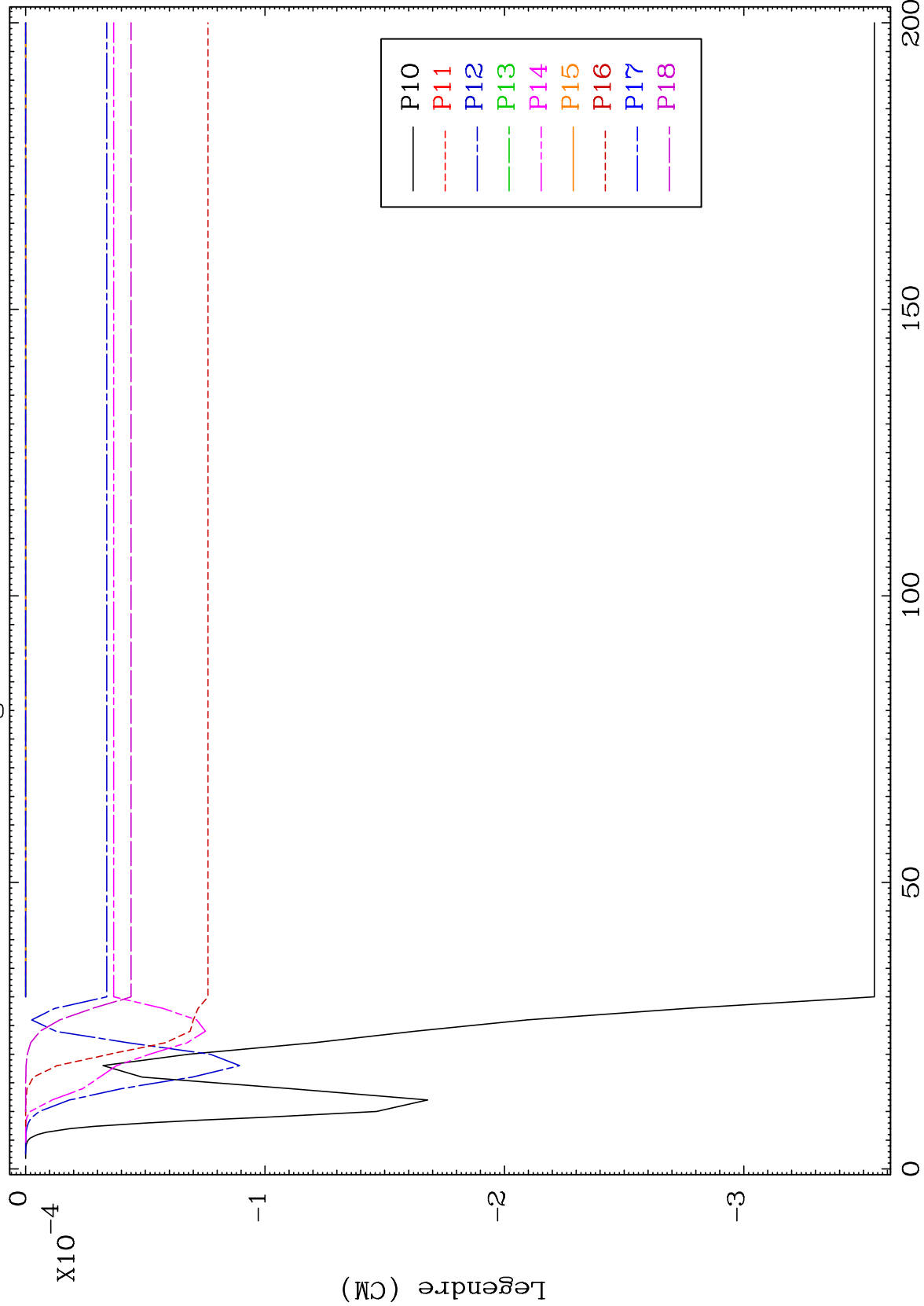
53-I -125

MAT 5319

MT= 64 (n,n') Level

53-I -125

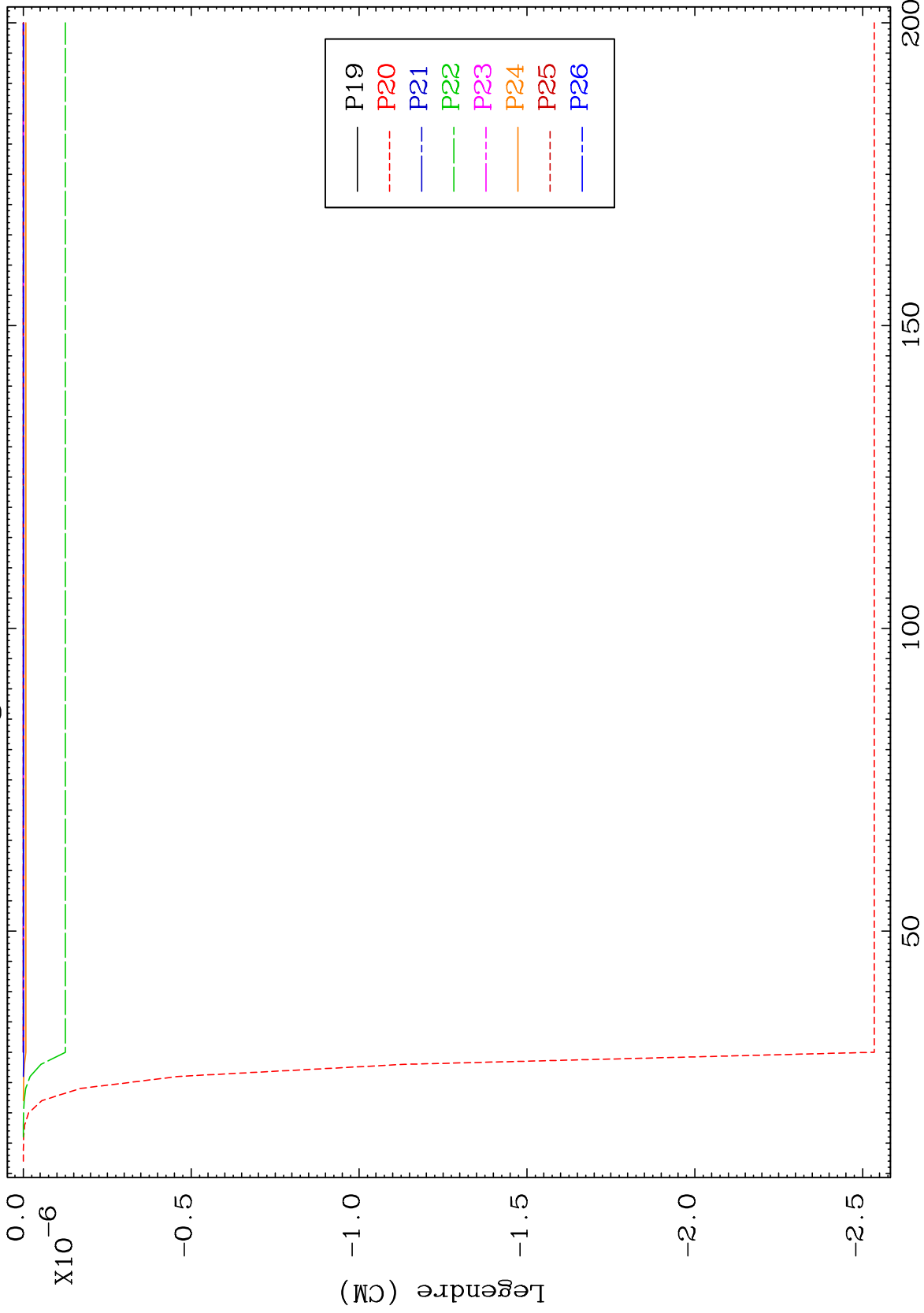
Legendre Coefficients



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Incident Energy (MeV)

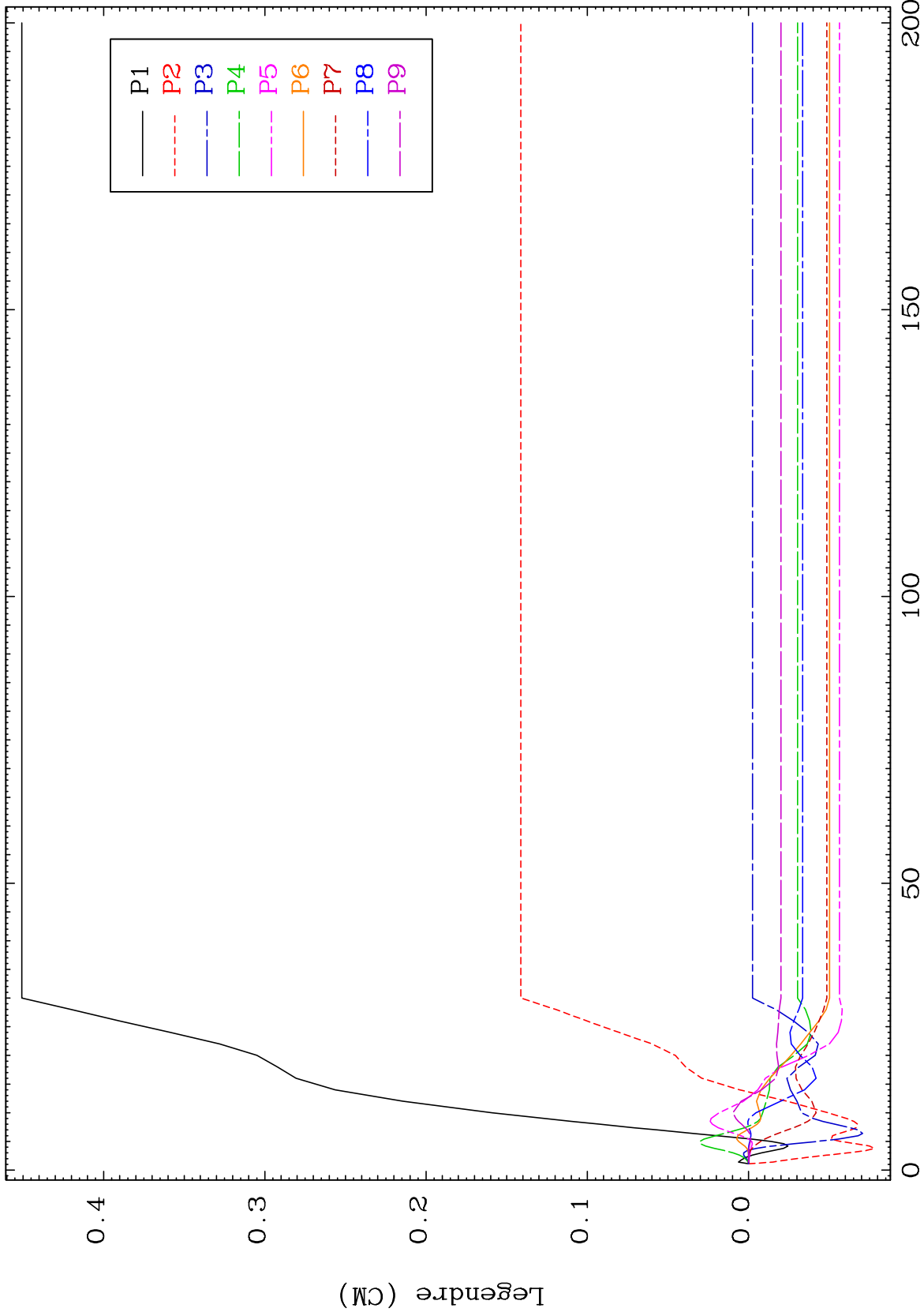
53-I -125



MAT 5319

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

53-I -125



53-I -125

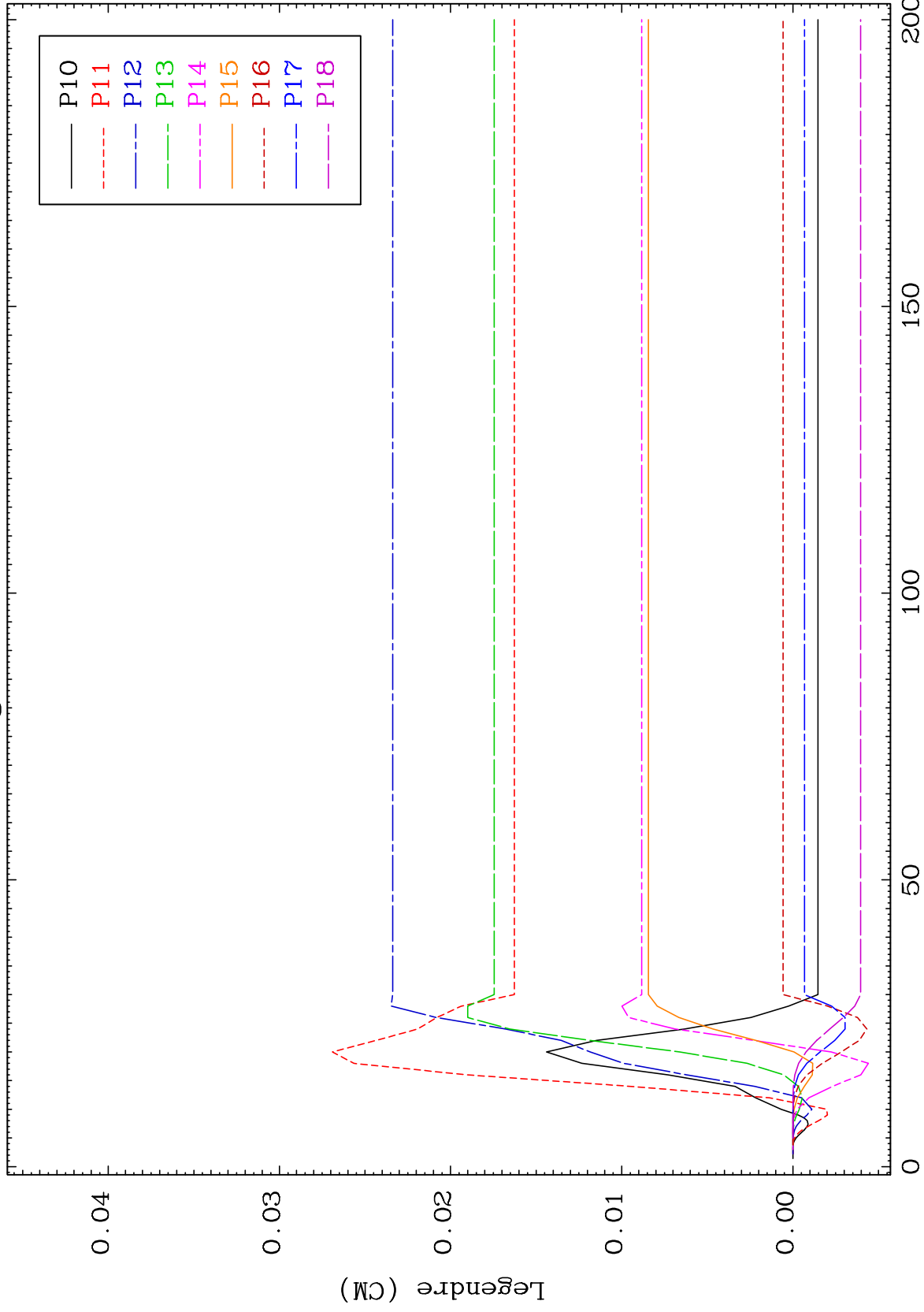
Incident Energy (MeV)

70

MAT 5319

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

53-I -125



71

Incident Energy (MeV)

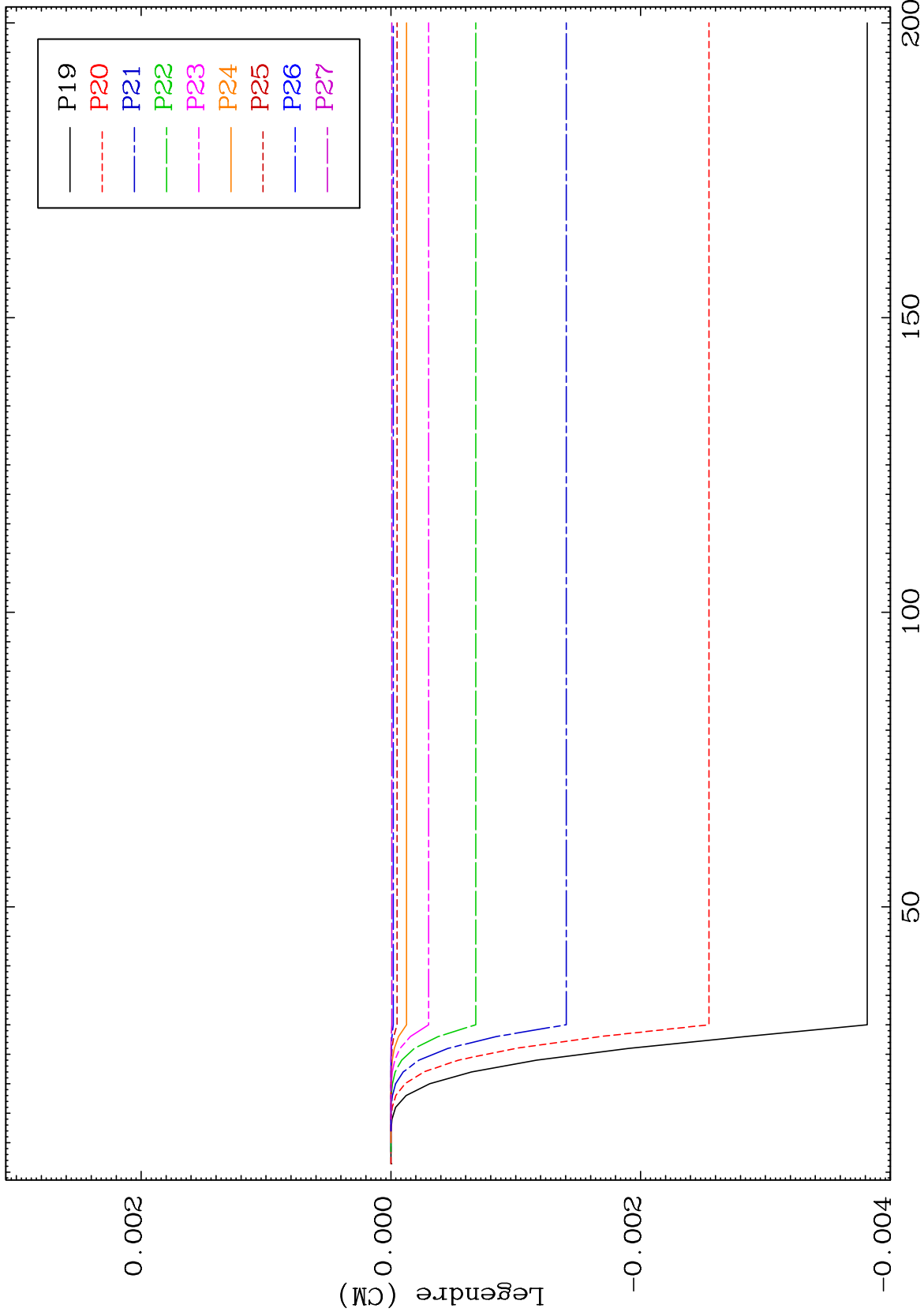
53-I -125



MAT 5319

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

53-I -125



72

Incident Energy (MeV)

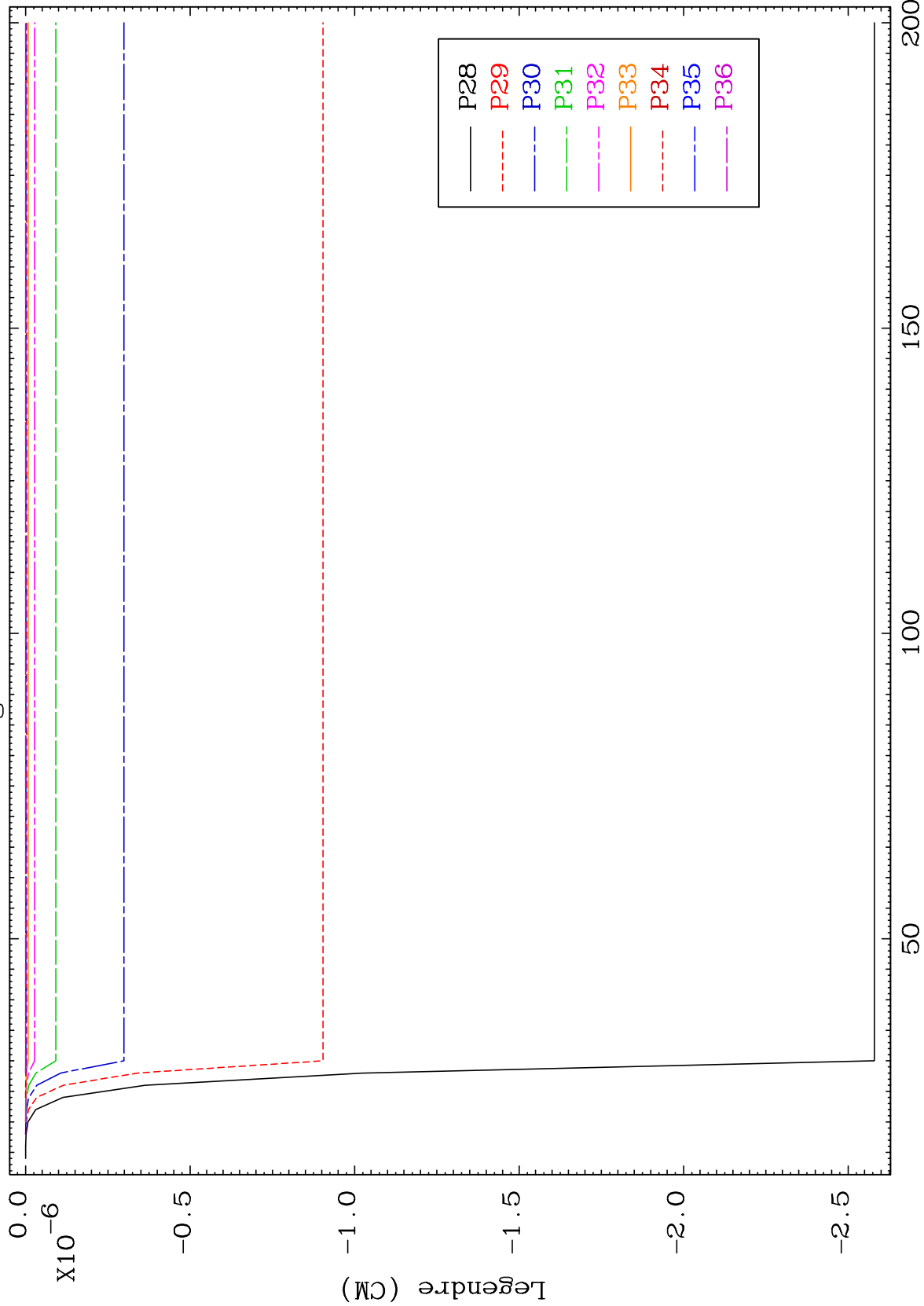
53-I -125

MAT 5319

MT= 65 (n,n') Level

53-I -125

Legendre Coefficients



53-I -125

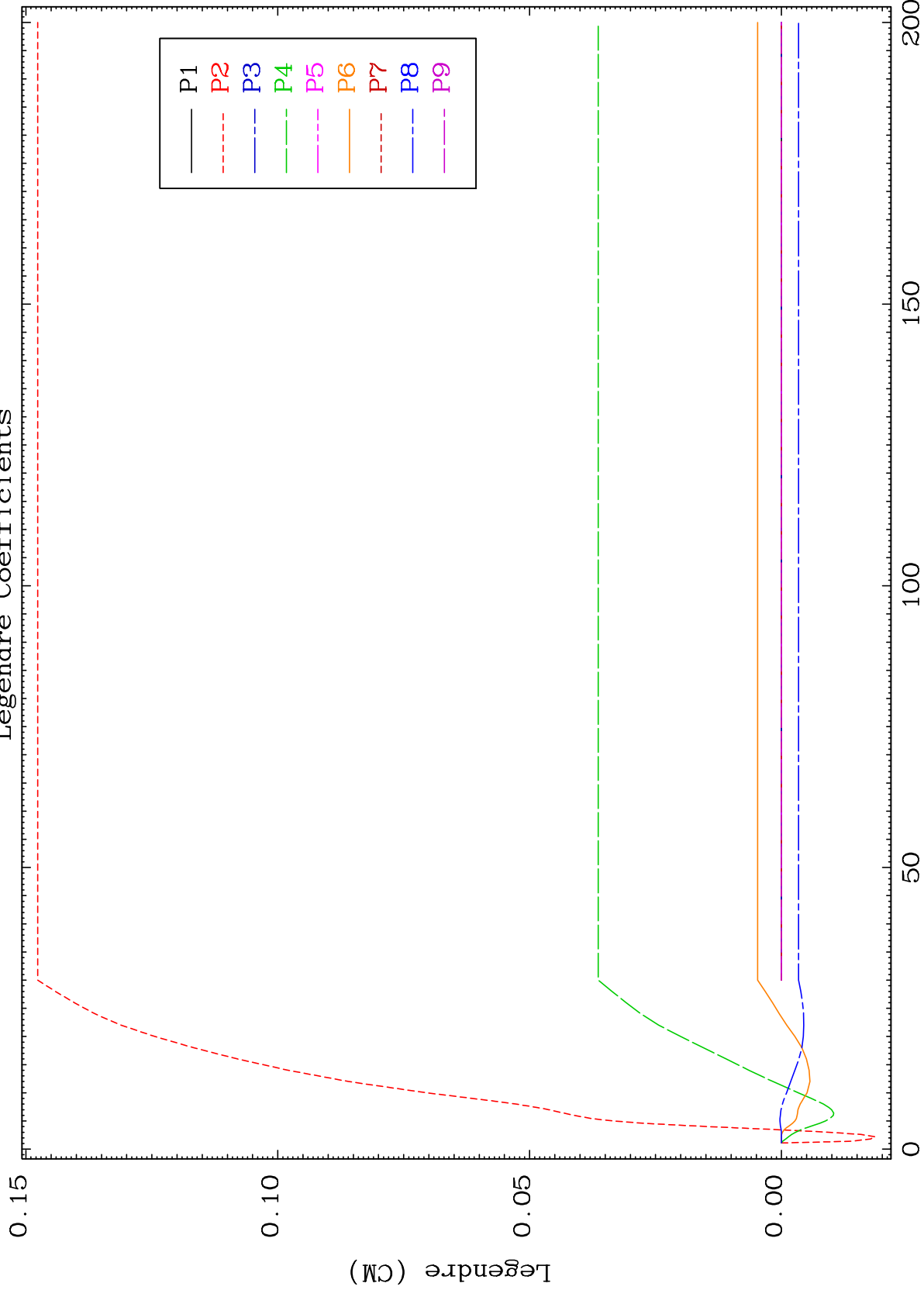
Incident Energy (MeV)

73

MAT 5319

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

53-I -125



74

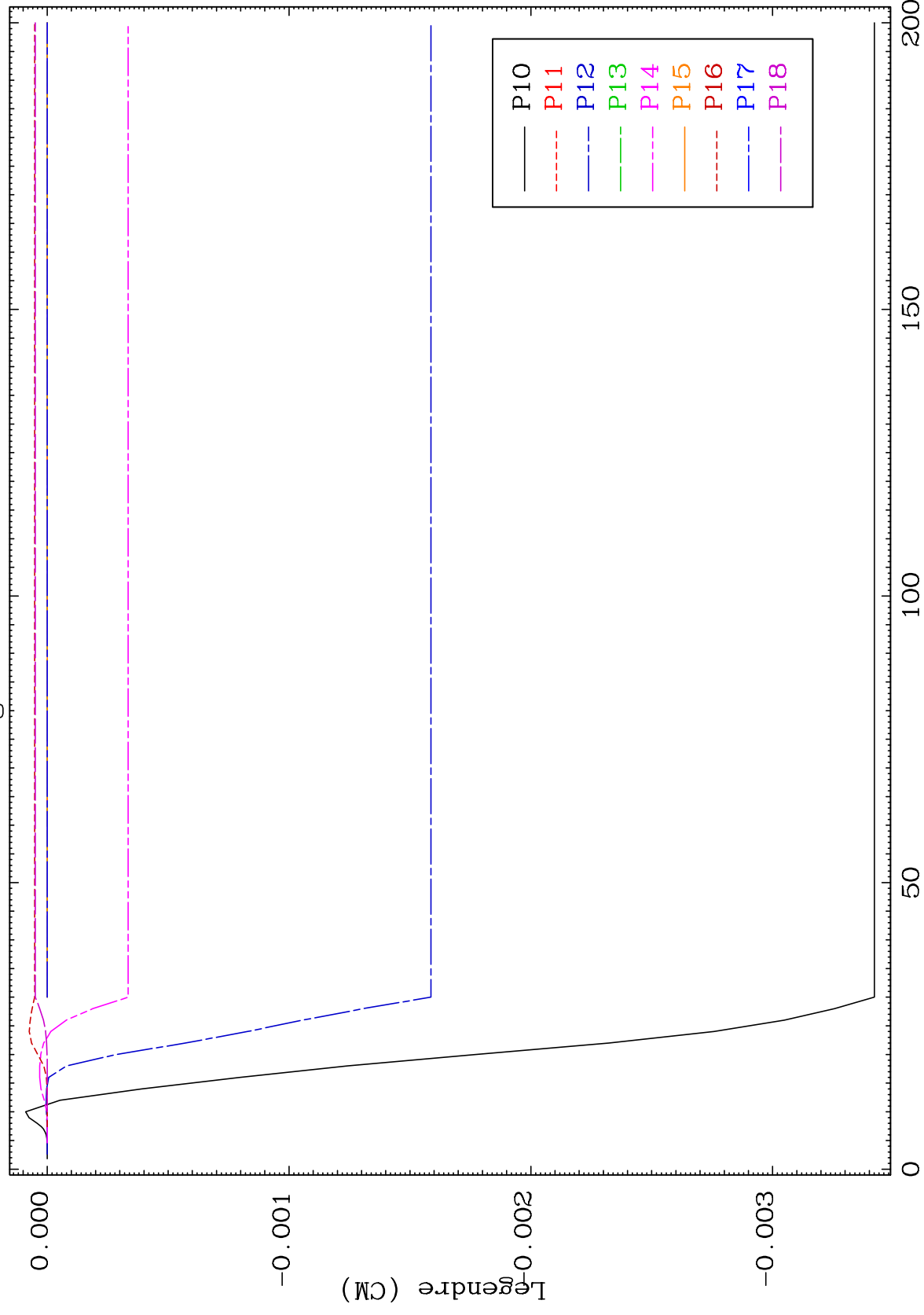
Incident Energy (MeV)

53-I -125

MAT 5319

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

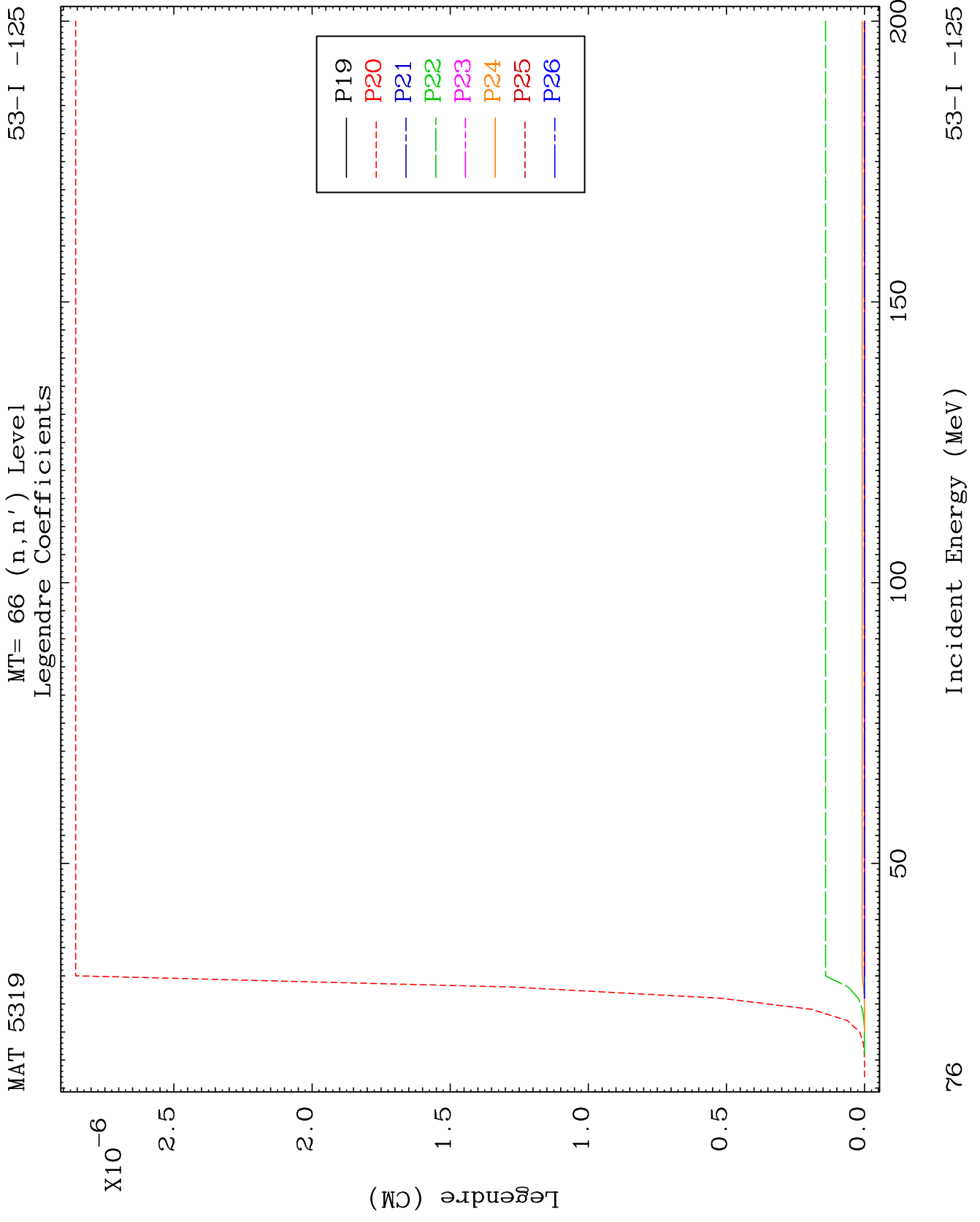
53-I -125



75

Incident Energy (MeV)

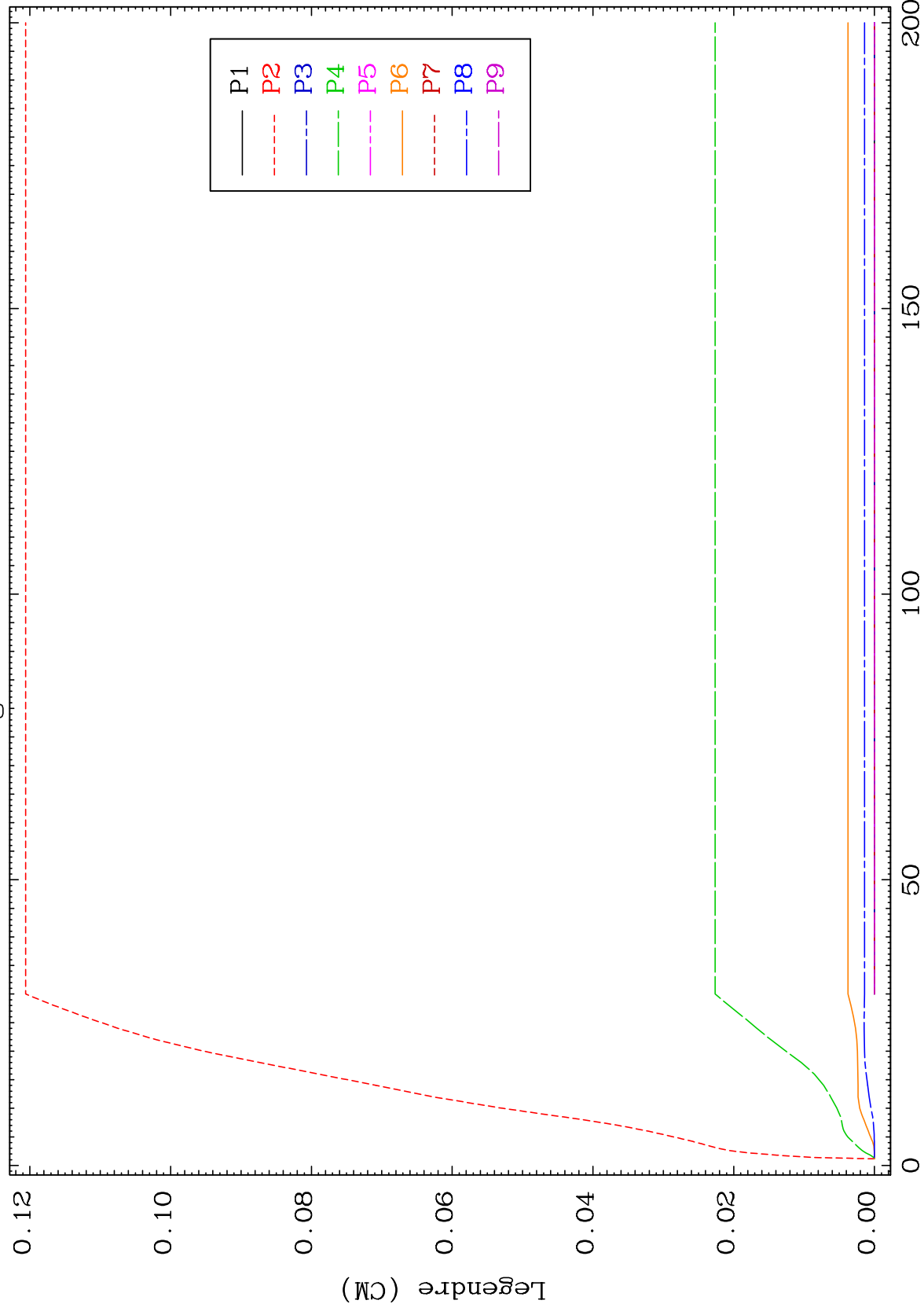
53-I -125



MAT 5319

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

53-I -125



77

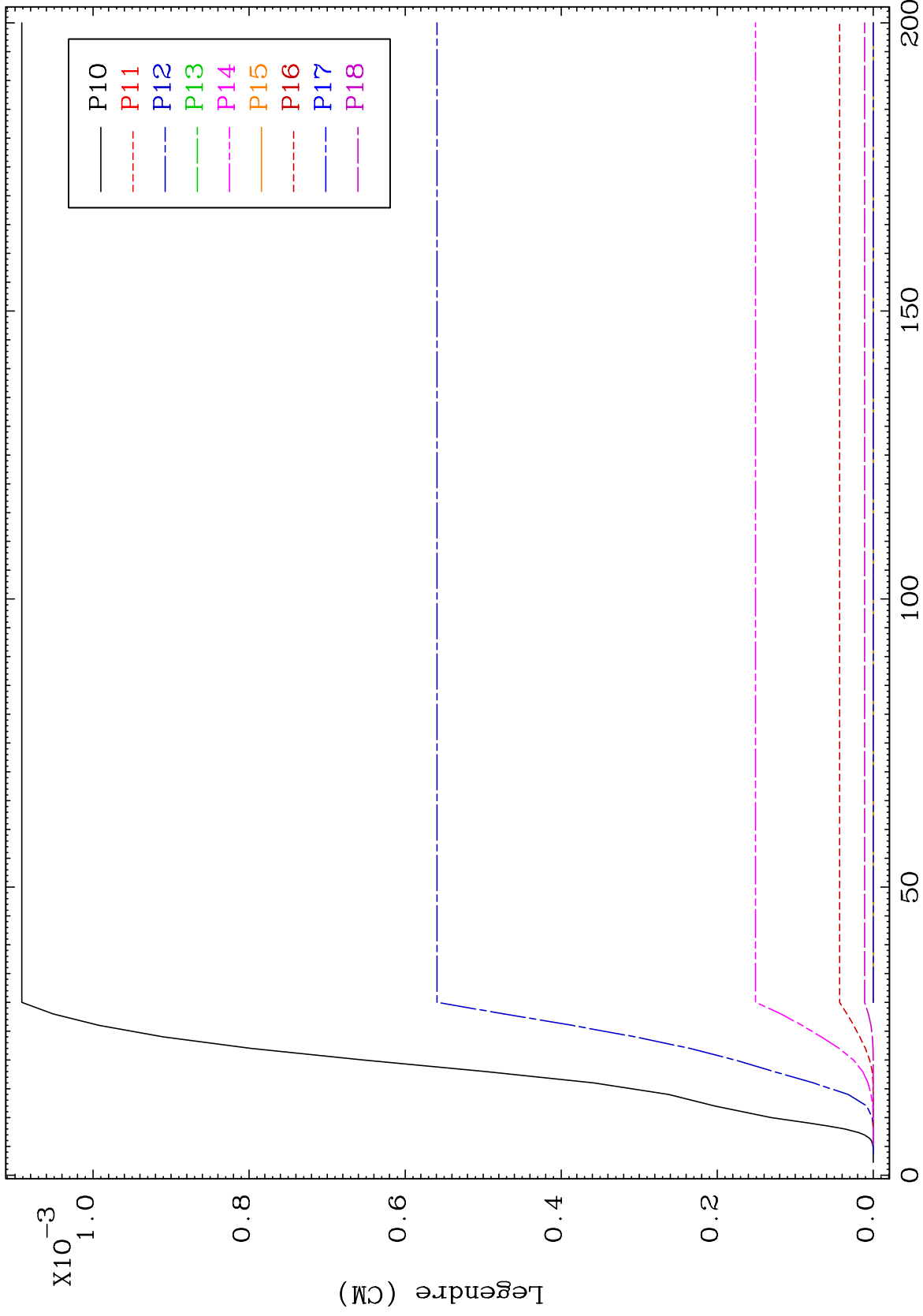
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



78

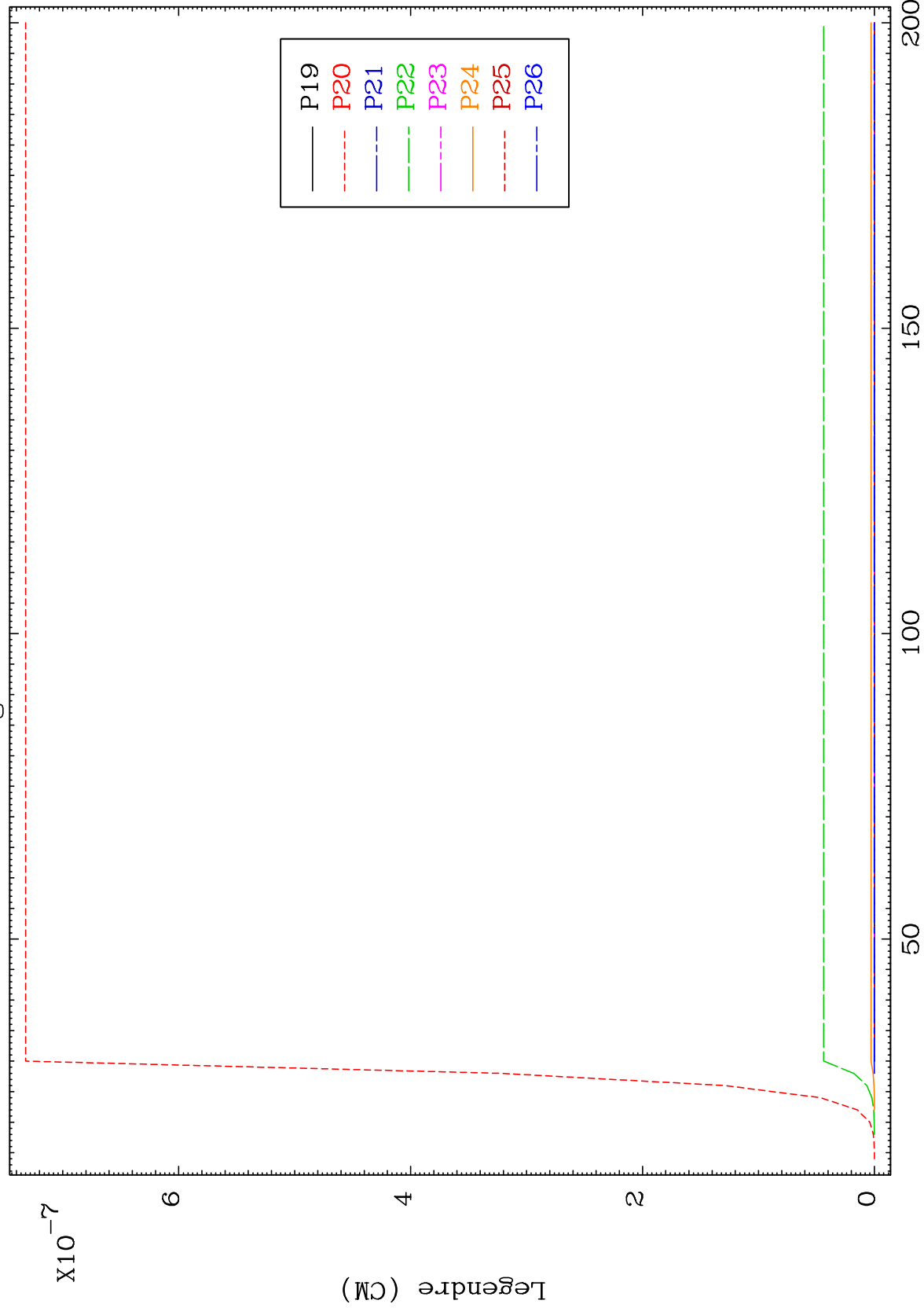
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



79

Incident Energy (MeV)

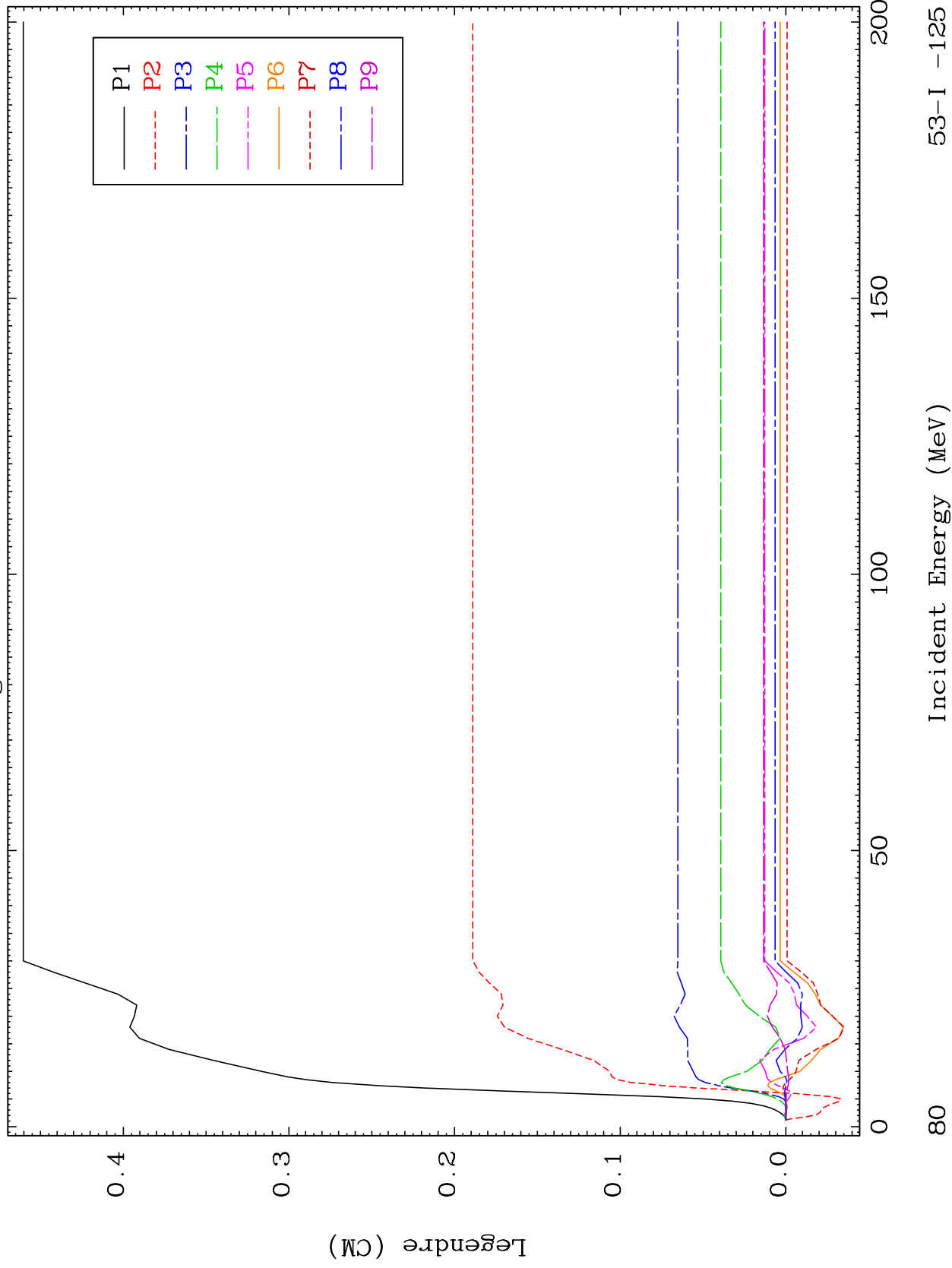
53-I -125



MAT 5319

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

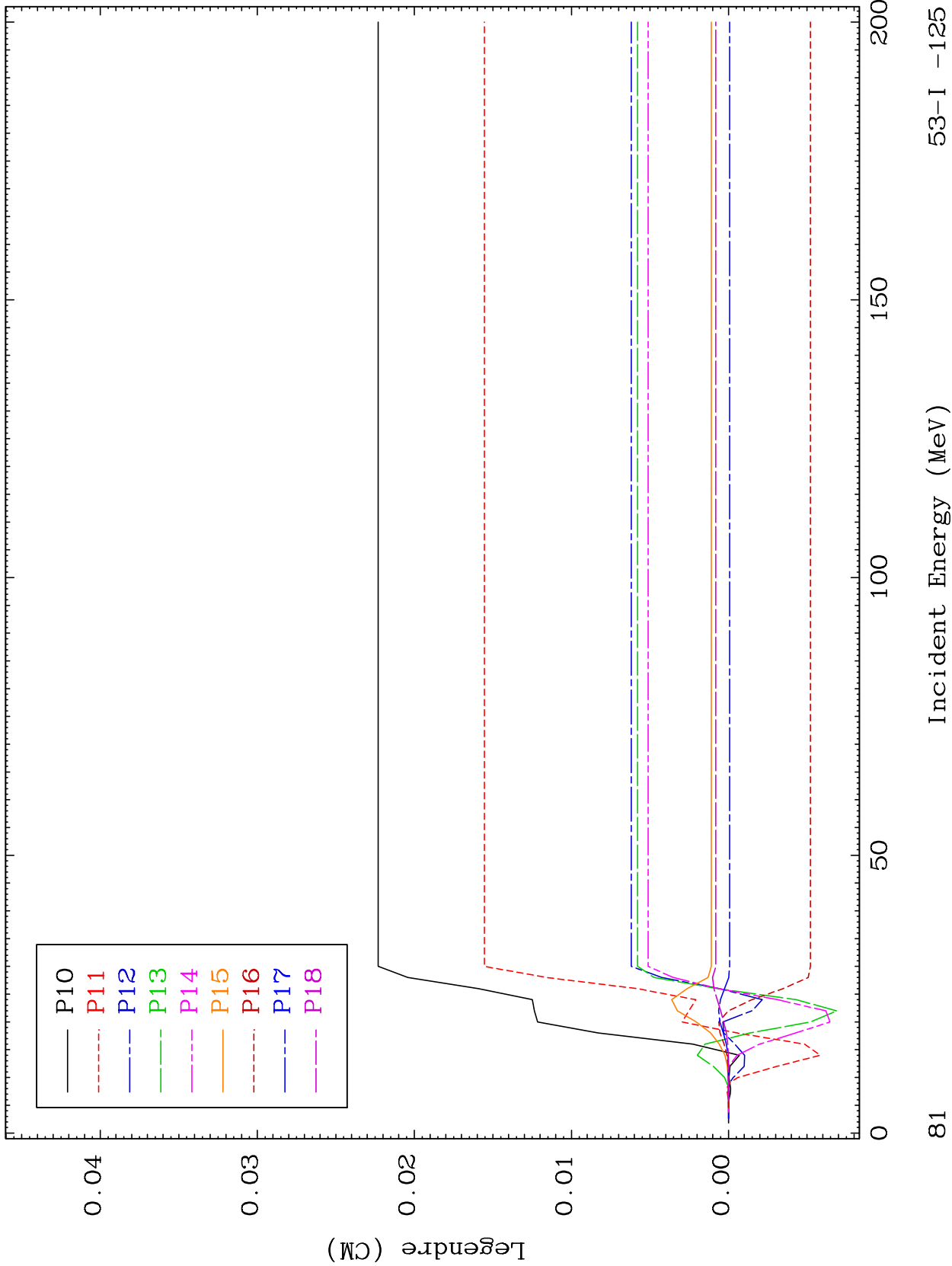
53-I -125



MAT 5319

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

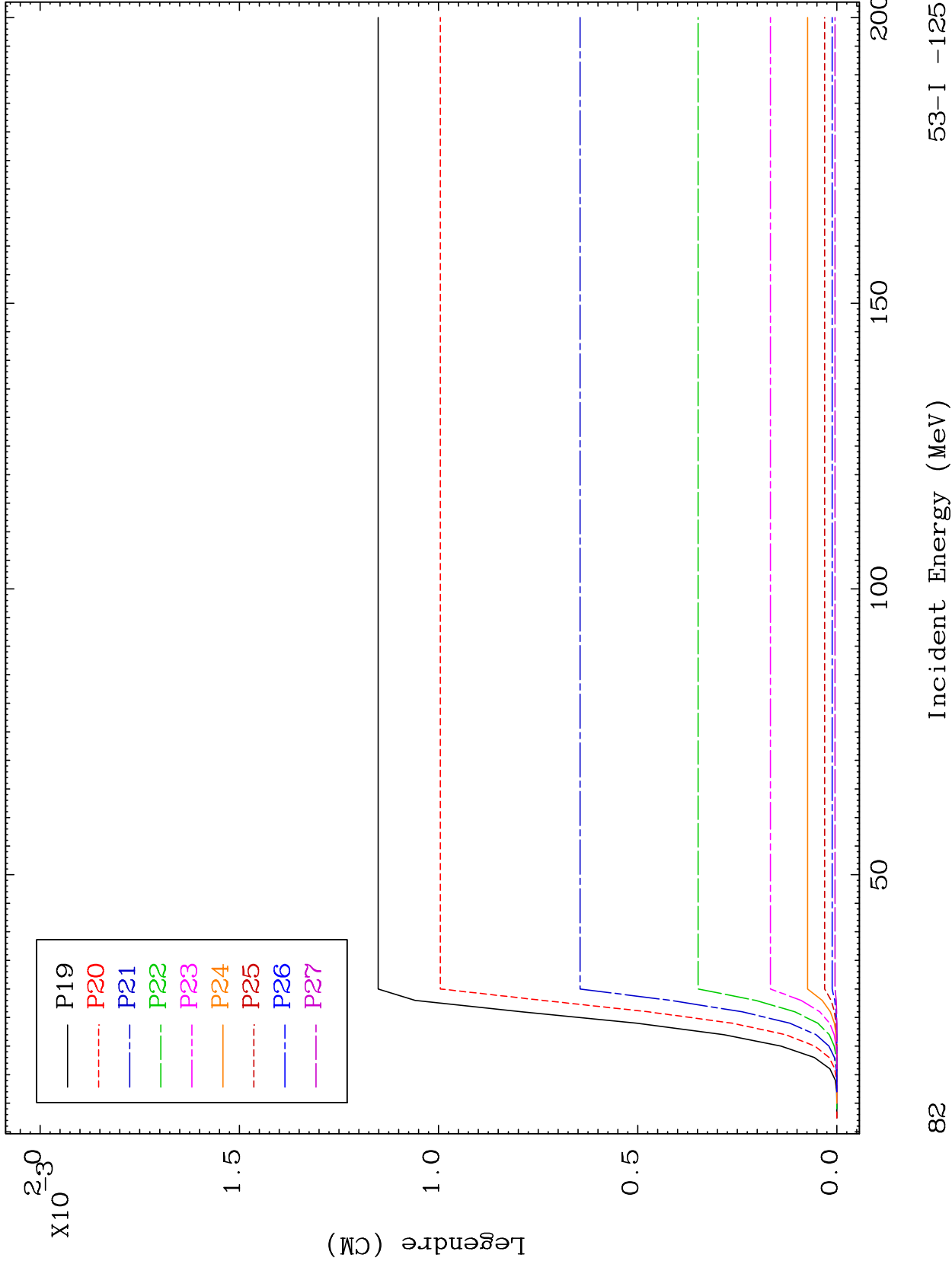
53-I -125



81

Incident Energy (MeV)

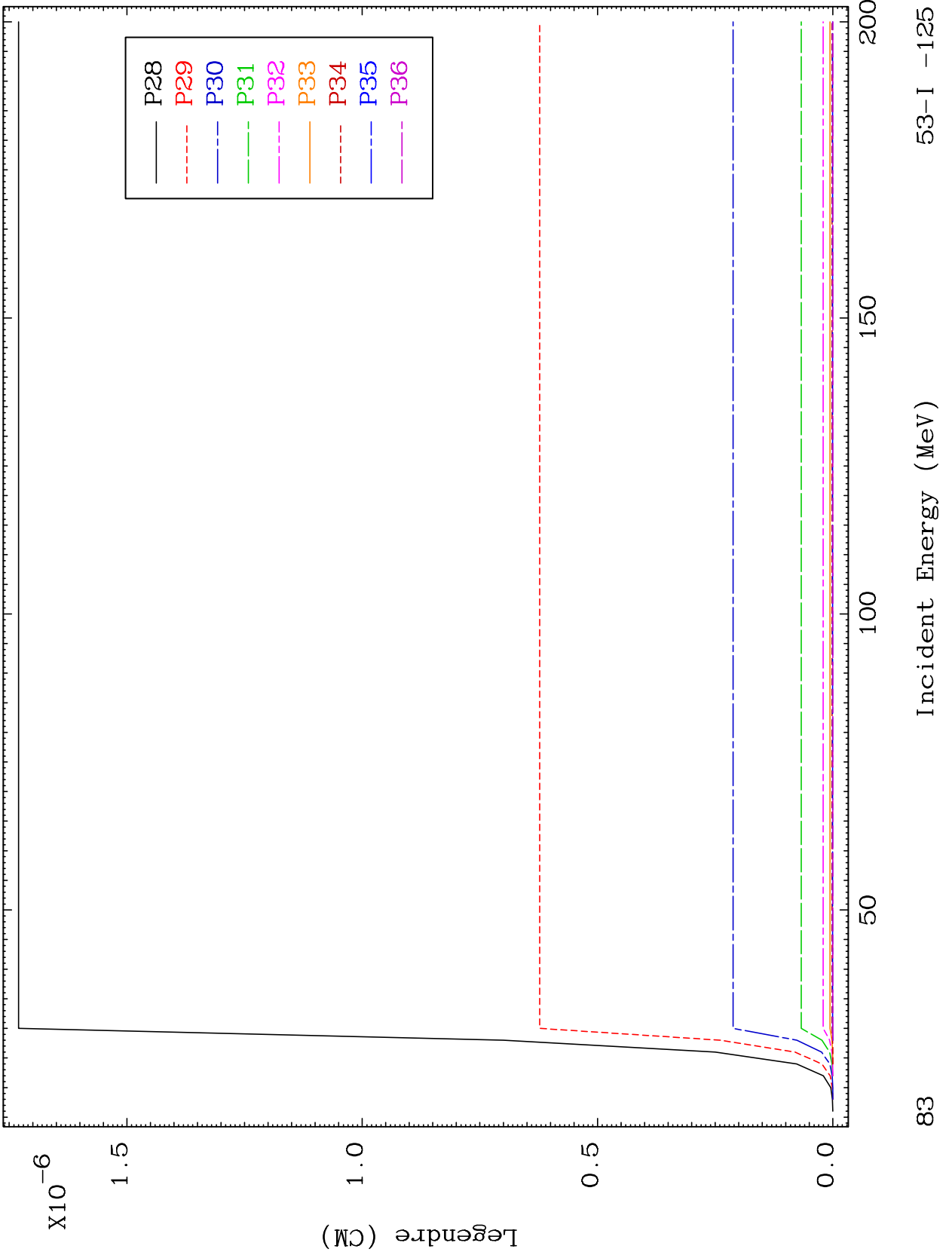
53-I -125



MAT 5319

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

53-I -125



83

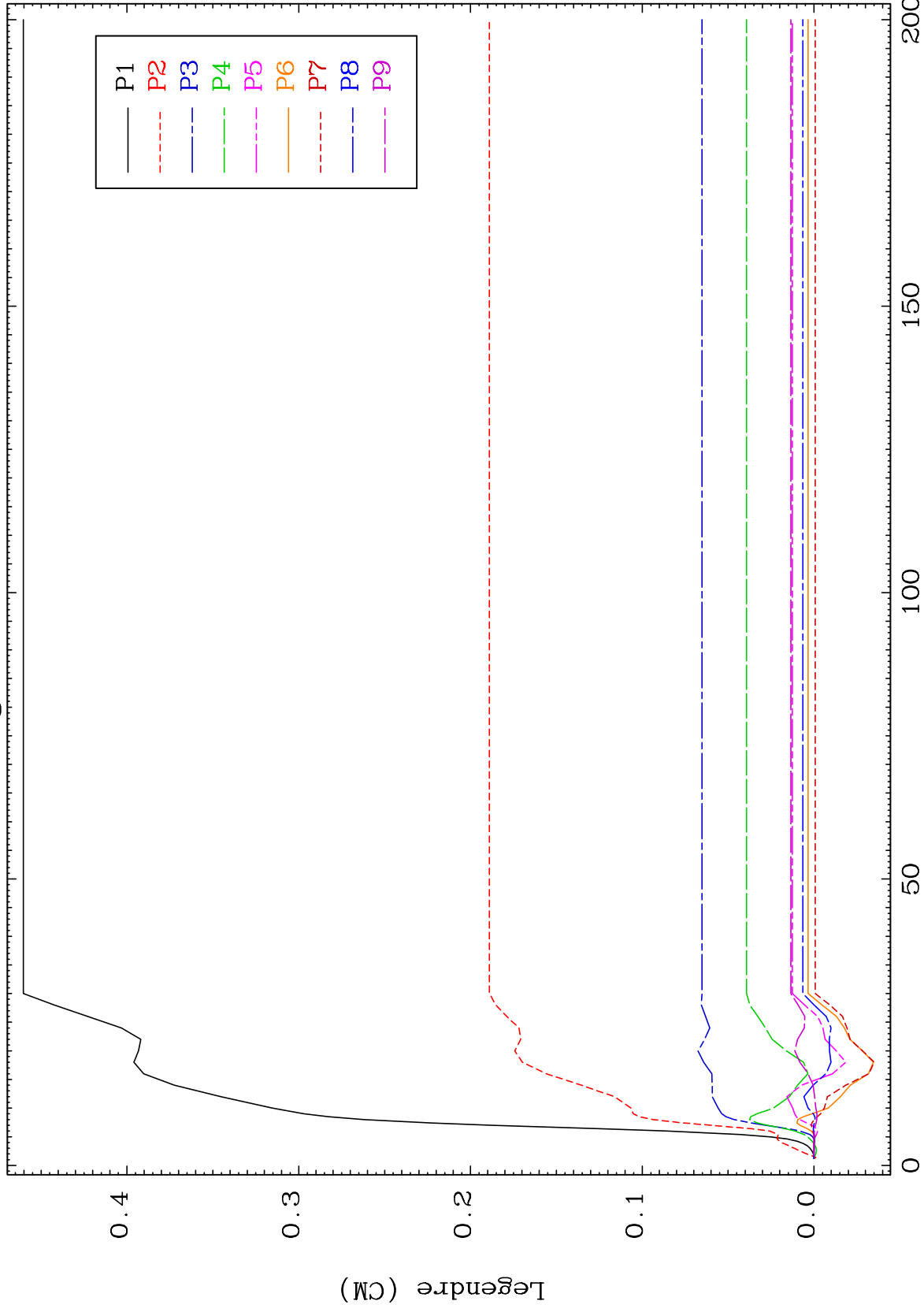
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



84

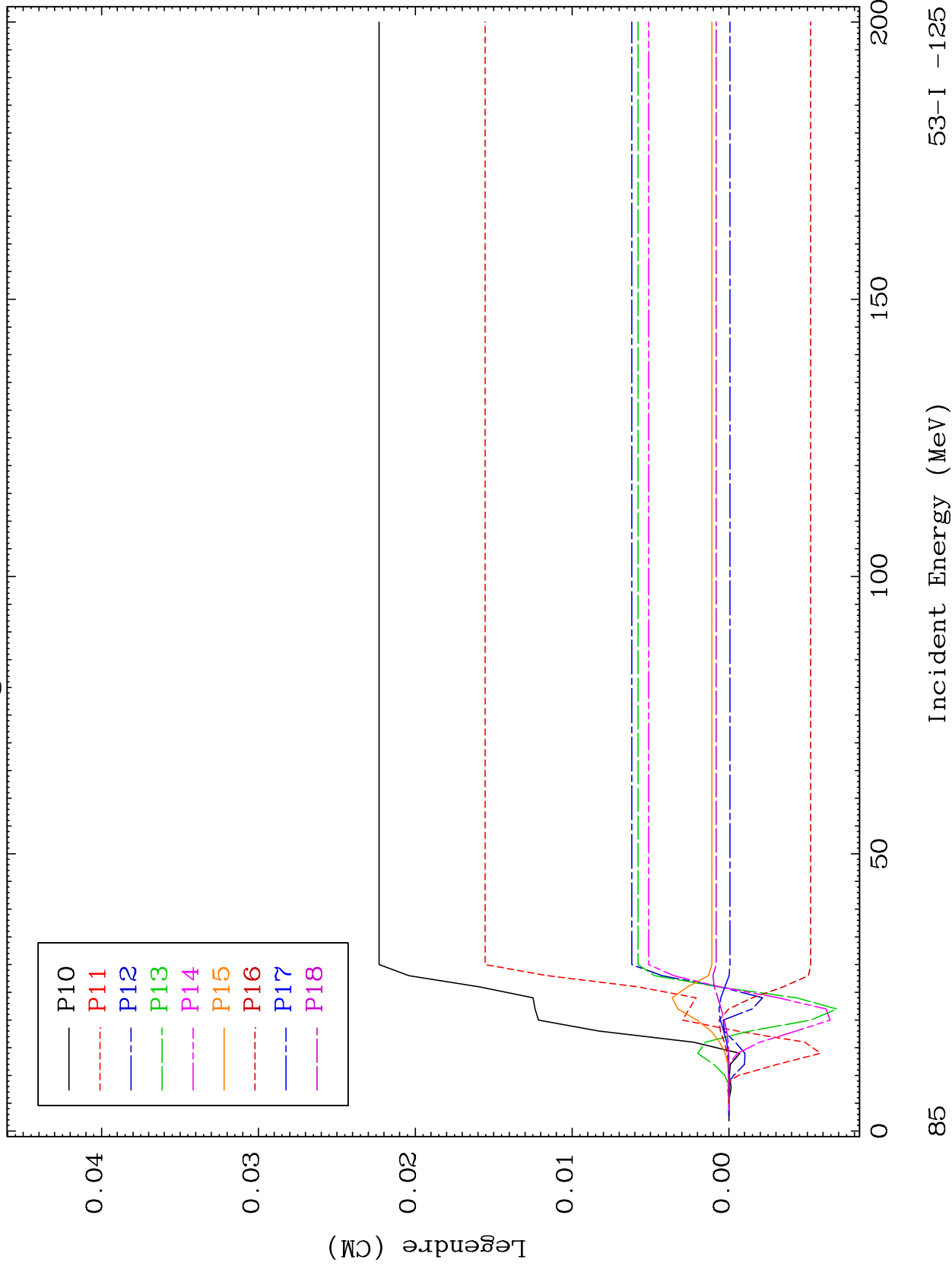
Incident Energy (MeV)

53-I -125

MAT 5319

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

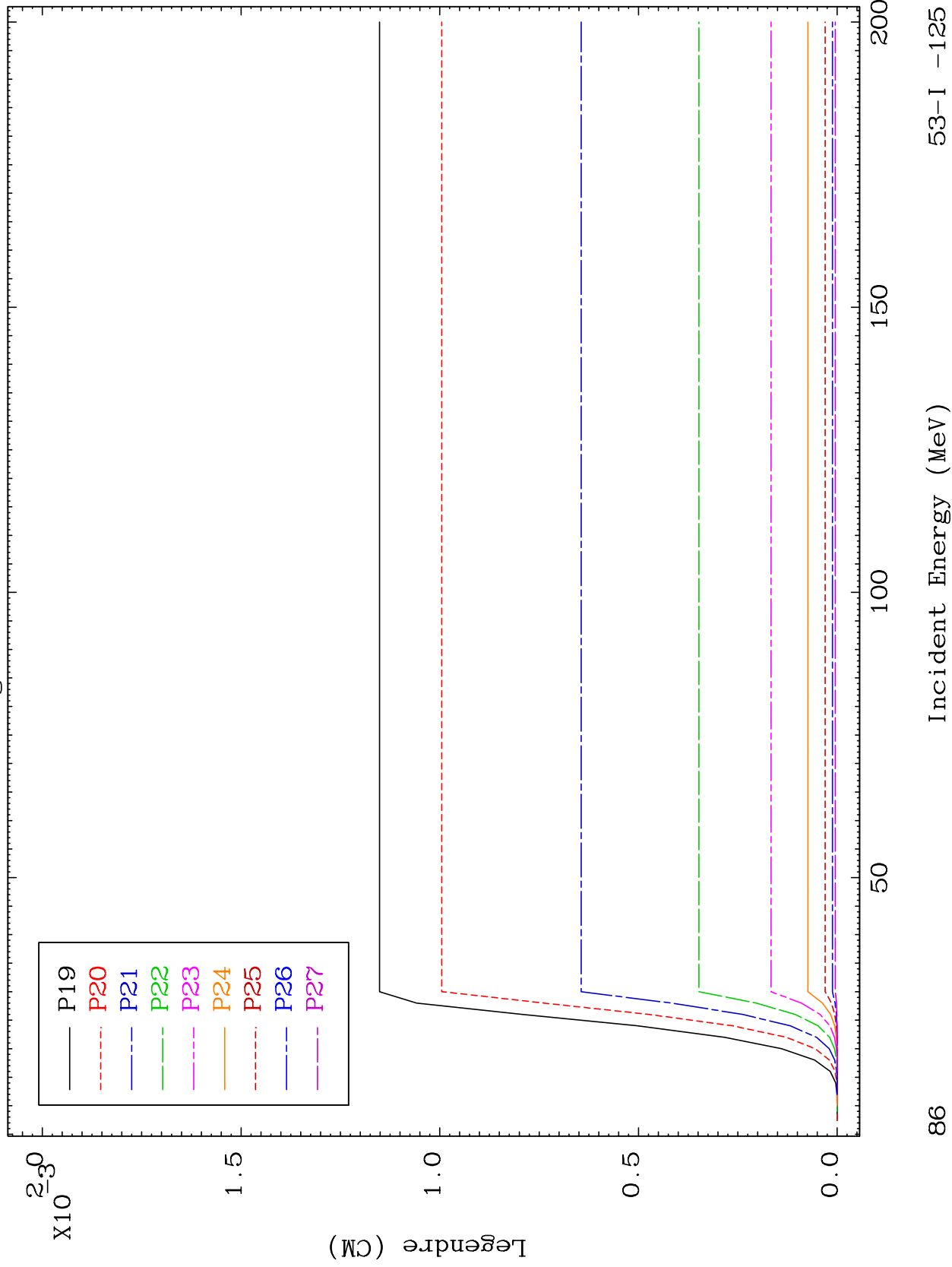
53-I -125



53-I -125

Incident Energy (MeV)

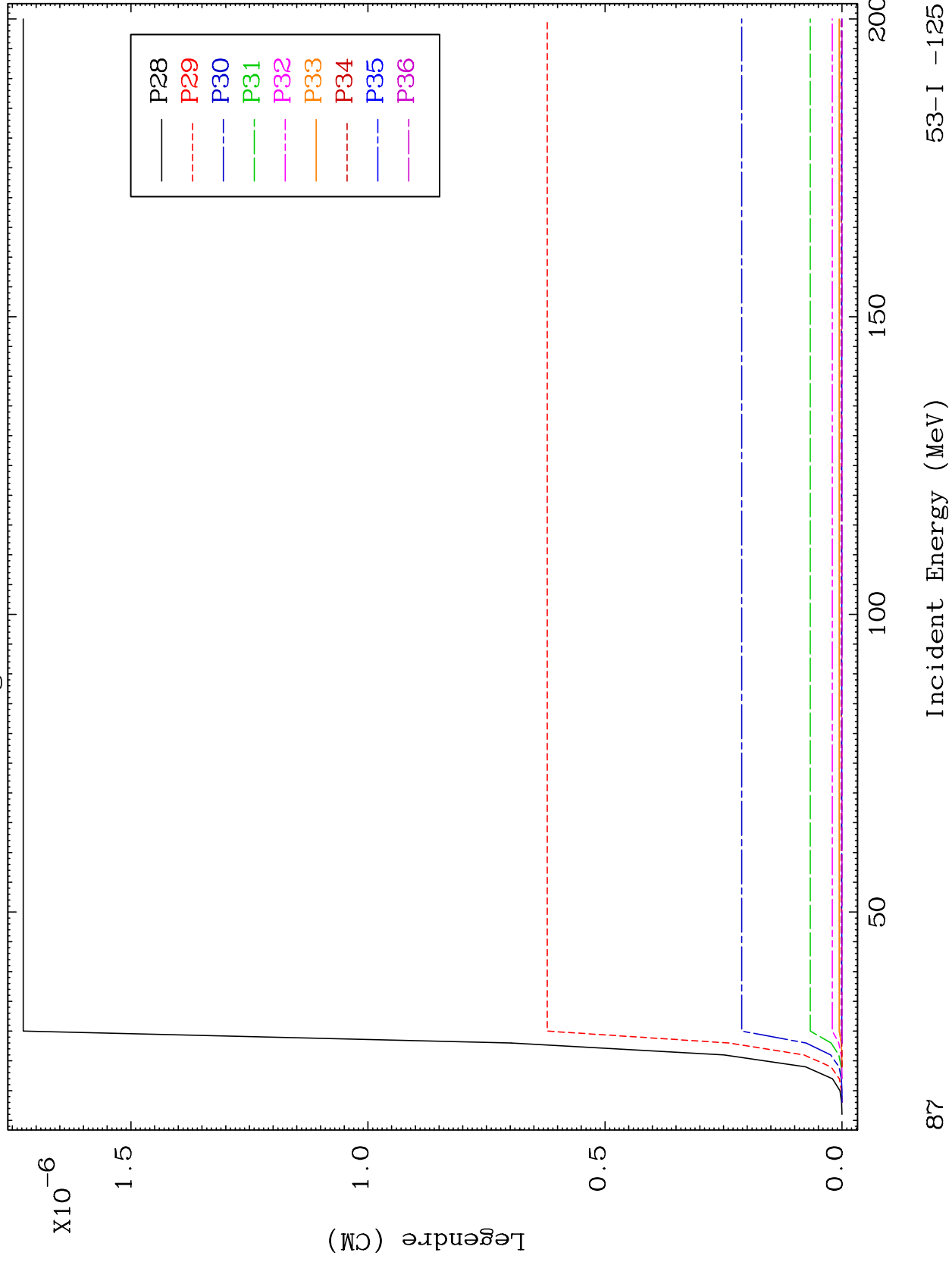
85



MAT 5319

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

53-I -125



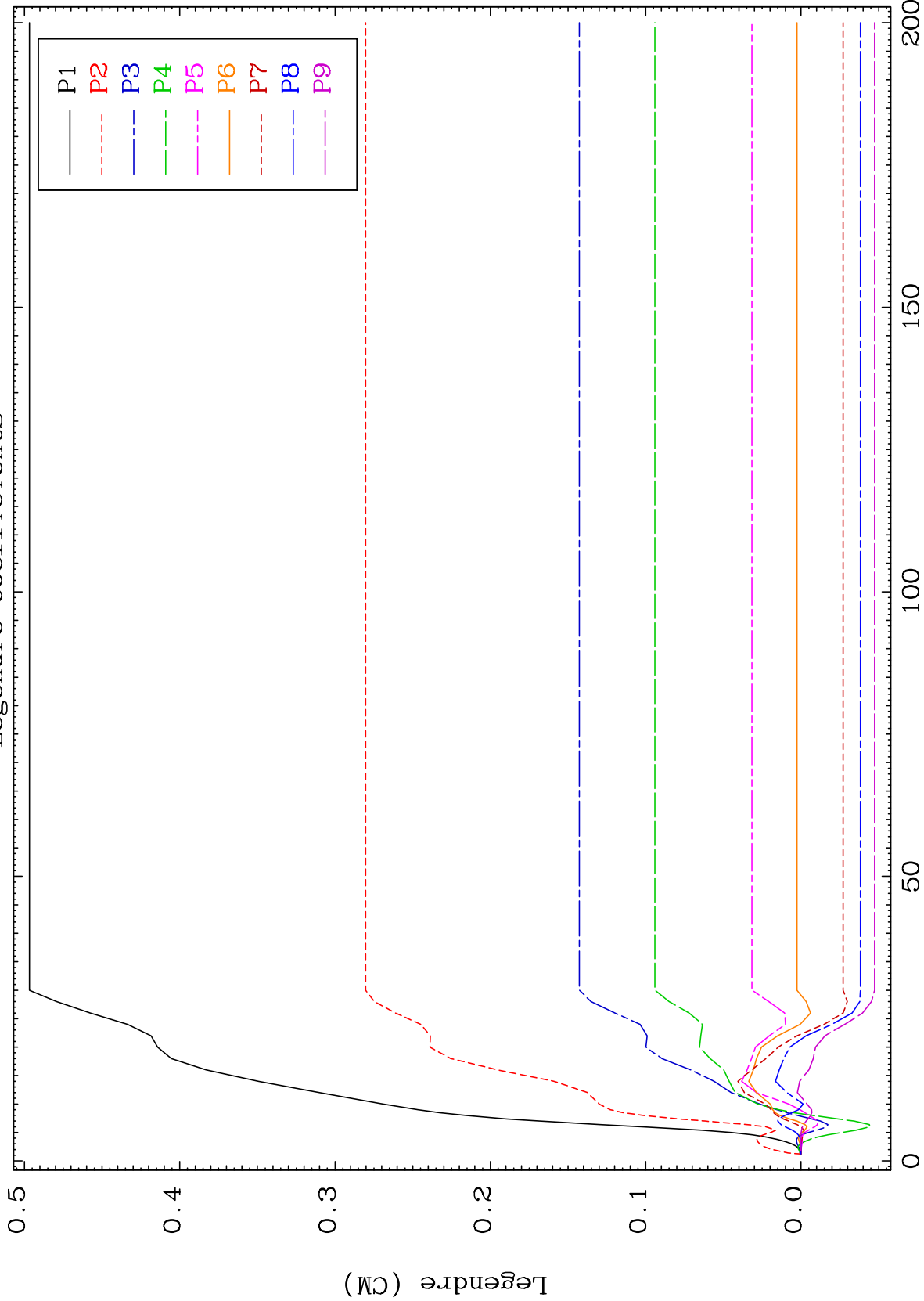


MAT 5319

MT= 70 (n,n') Level

53-I -125

Legendre Coefficients



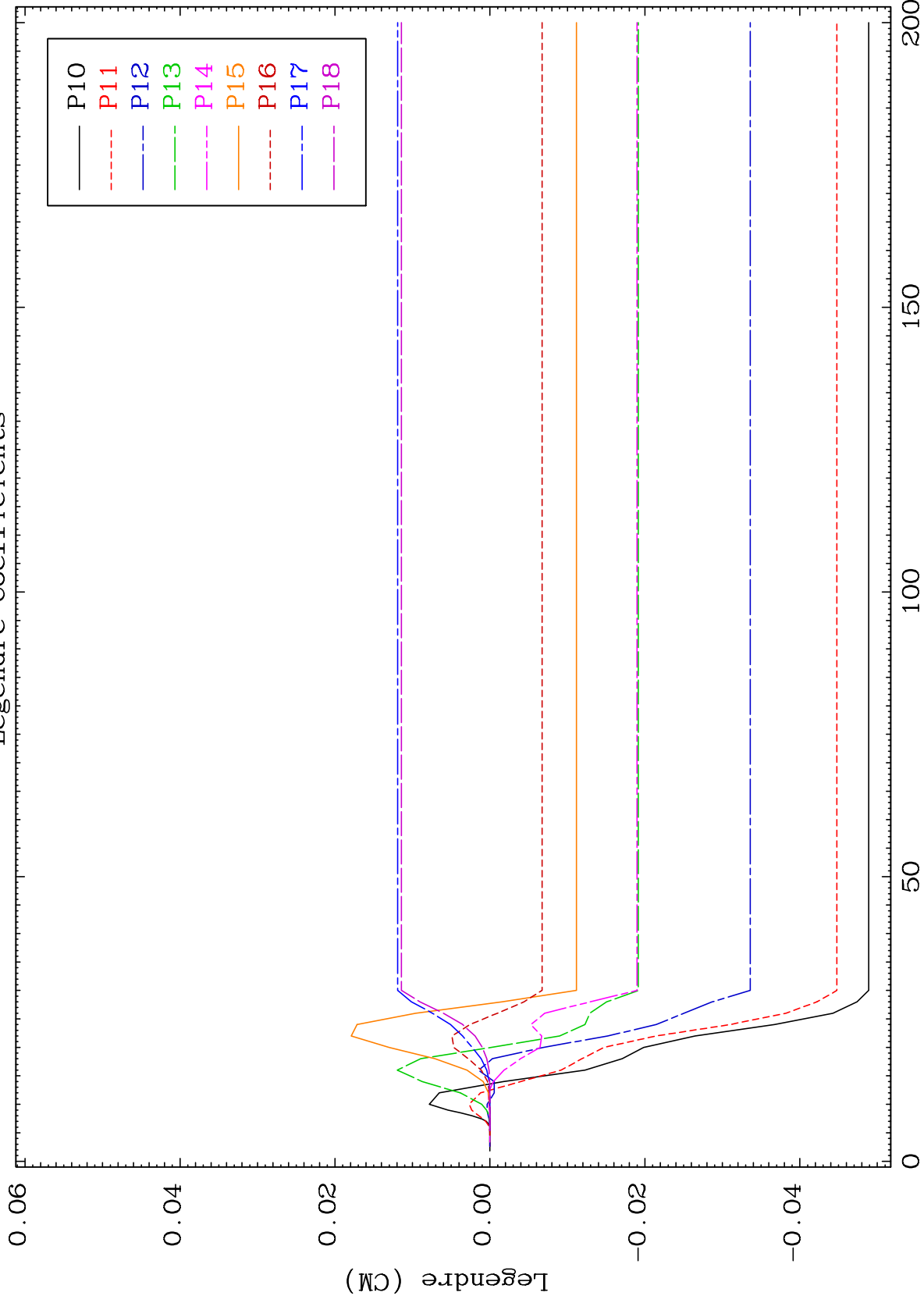
88

53-I -125

MAT 5319

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

53-I -125



89

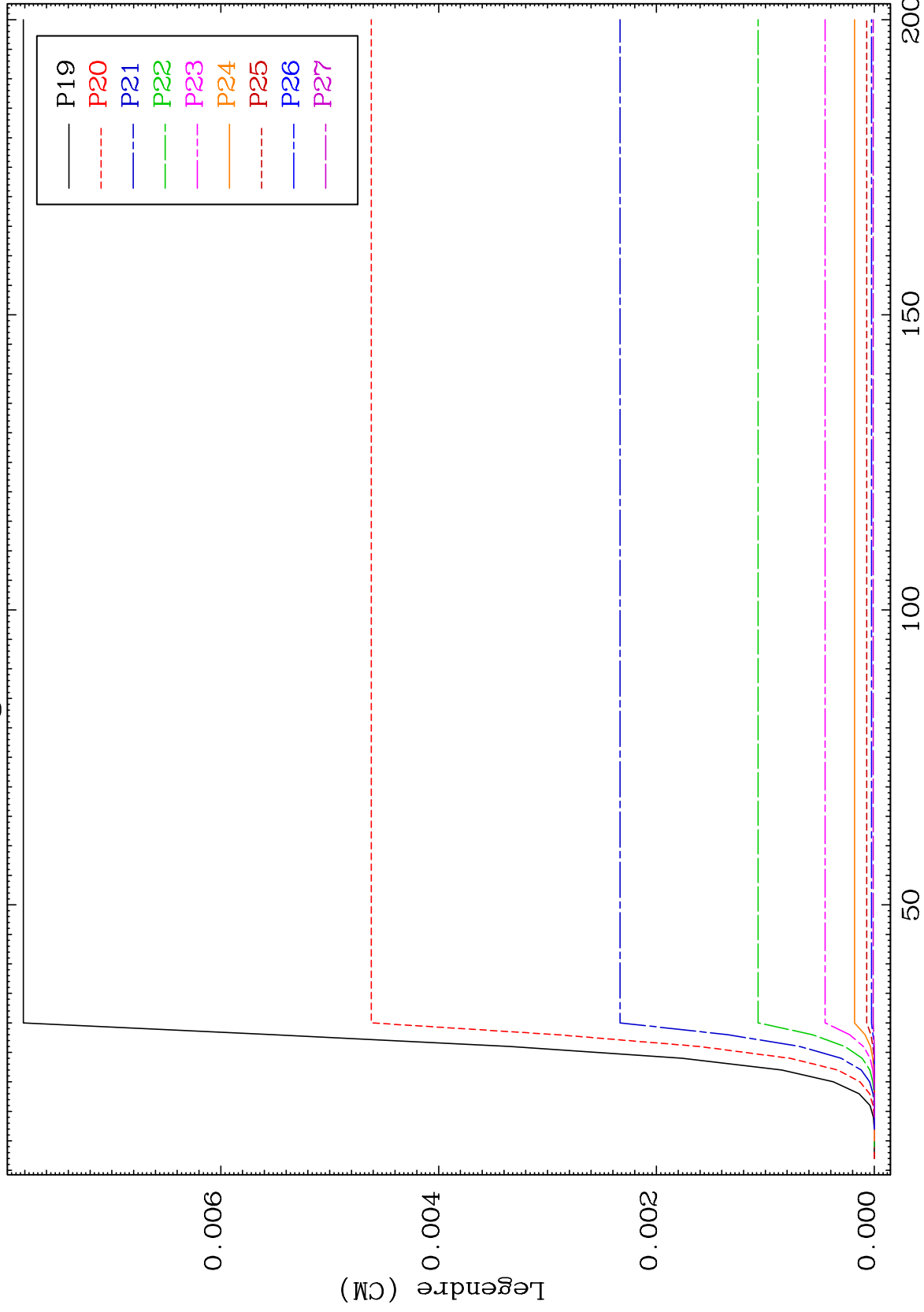
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



90

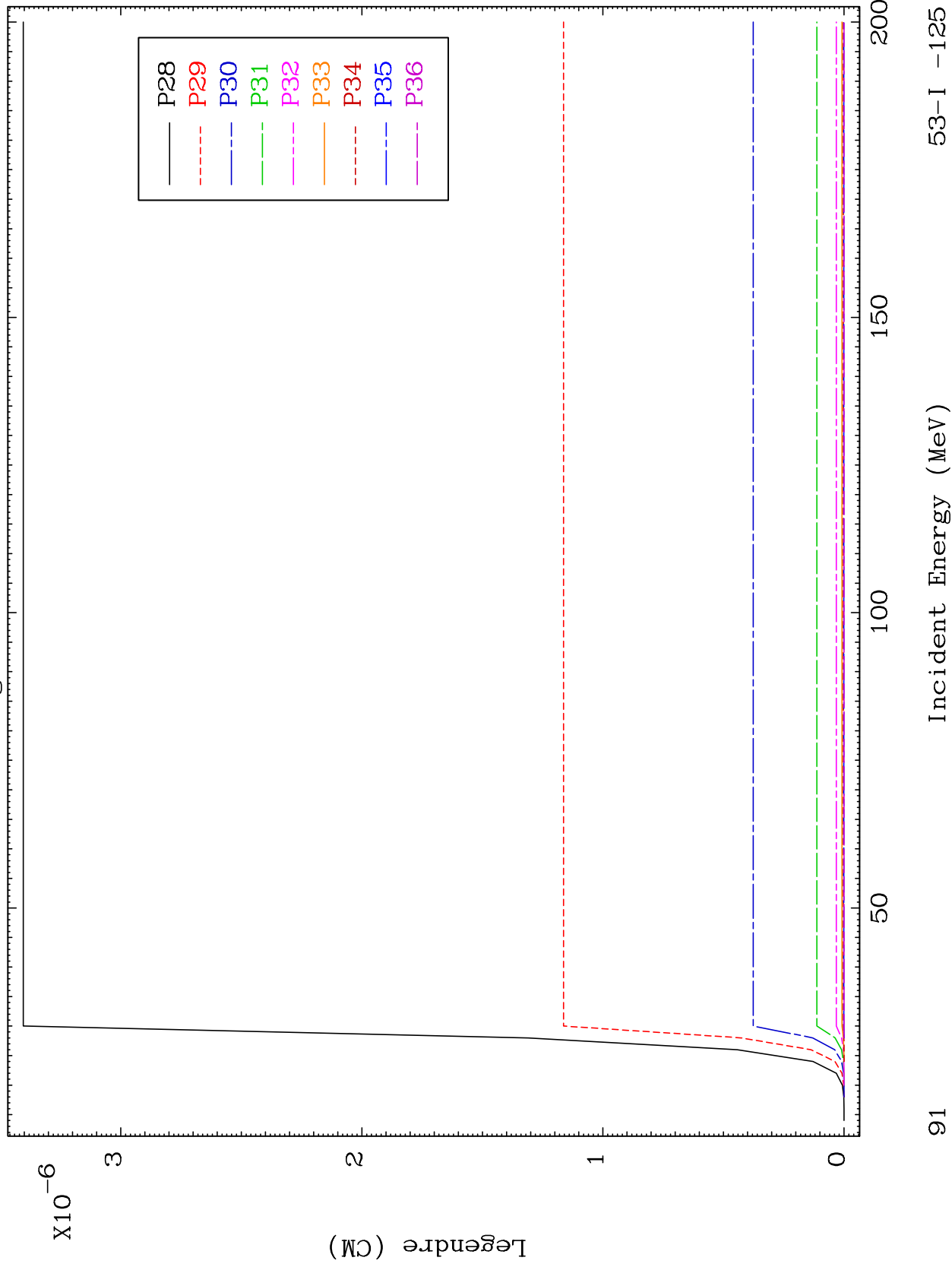
Incident Energy (MeV)

53-I -125

MAT 5319

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

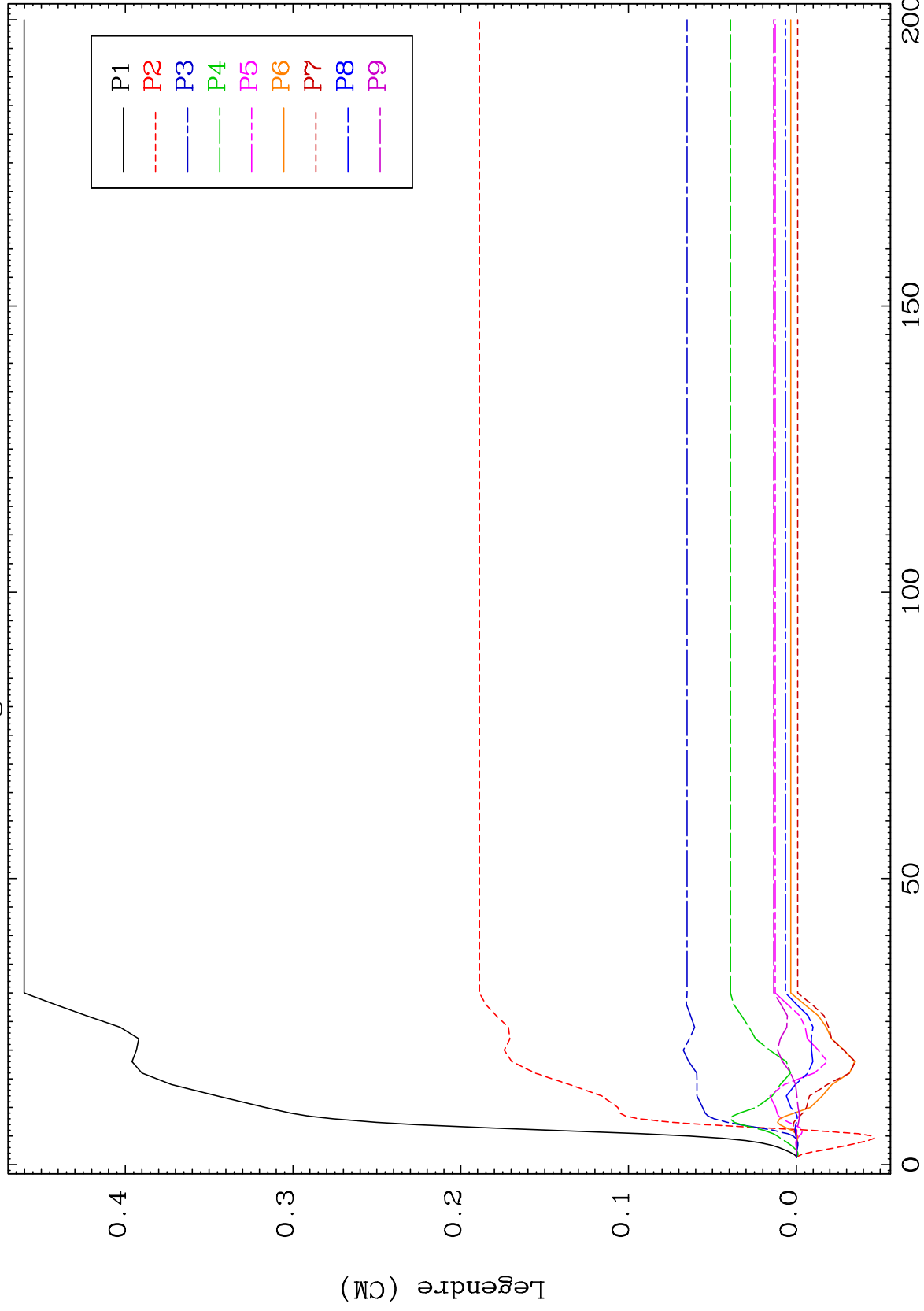
53-I -125



MAT 5319

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

53-I -125

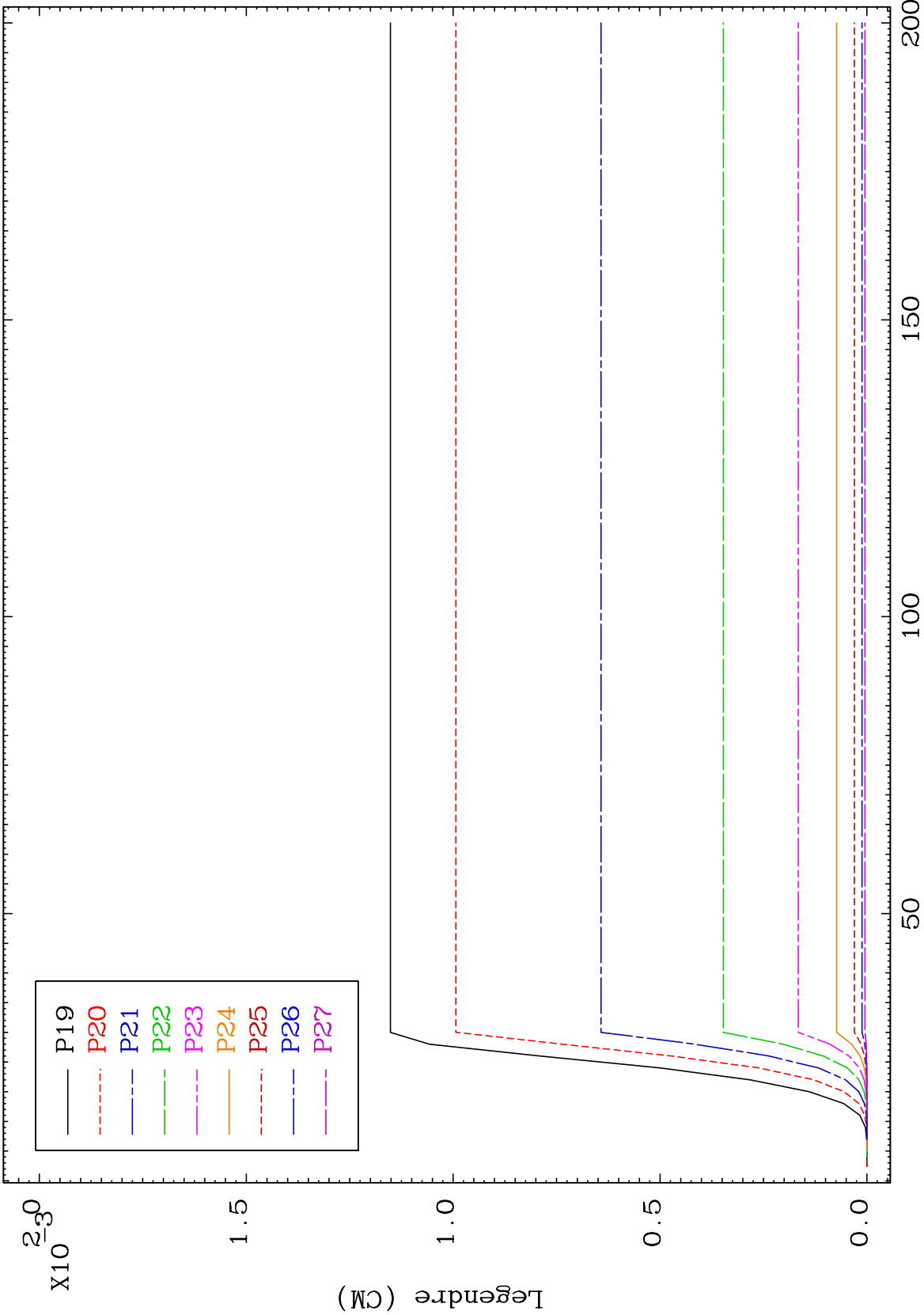


92

Incident Energy (MeV)

53-I -125

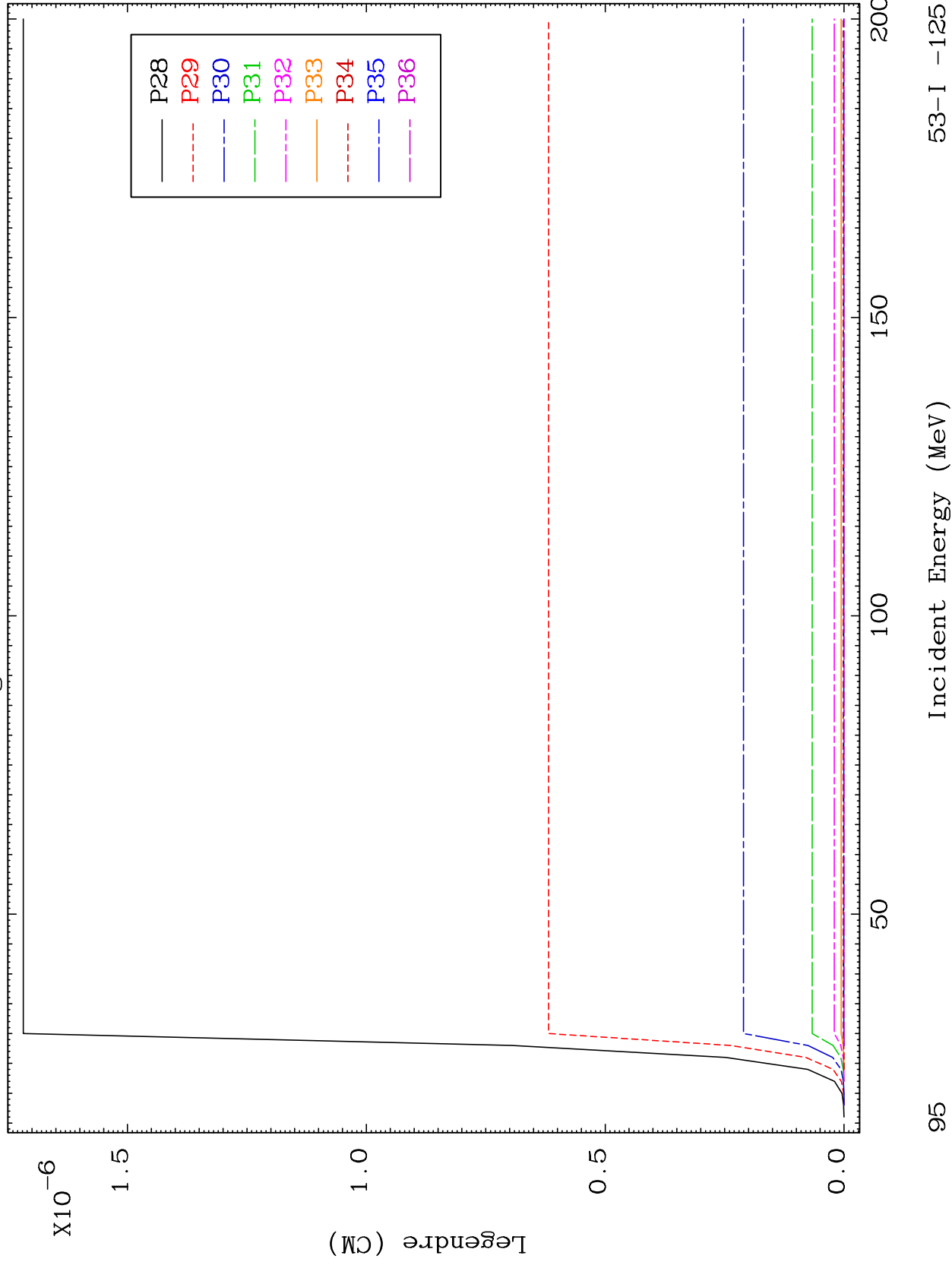




MAT 5319

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

53-I -125



53-I -125

Incident Energy (MeV)

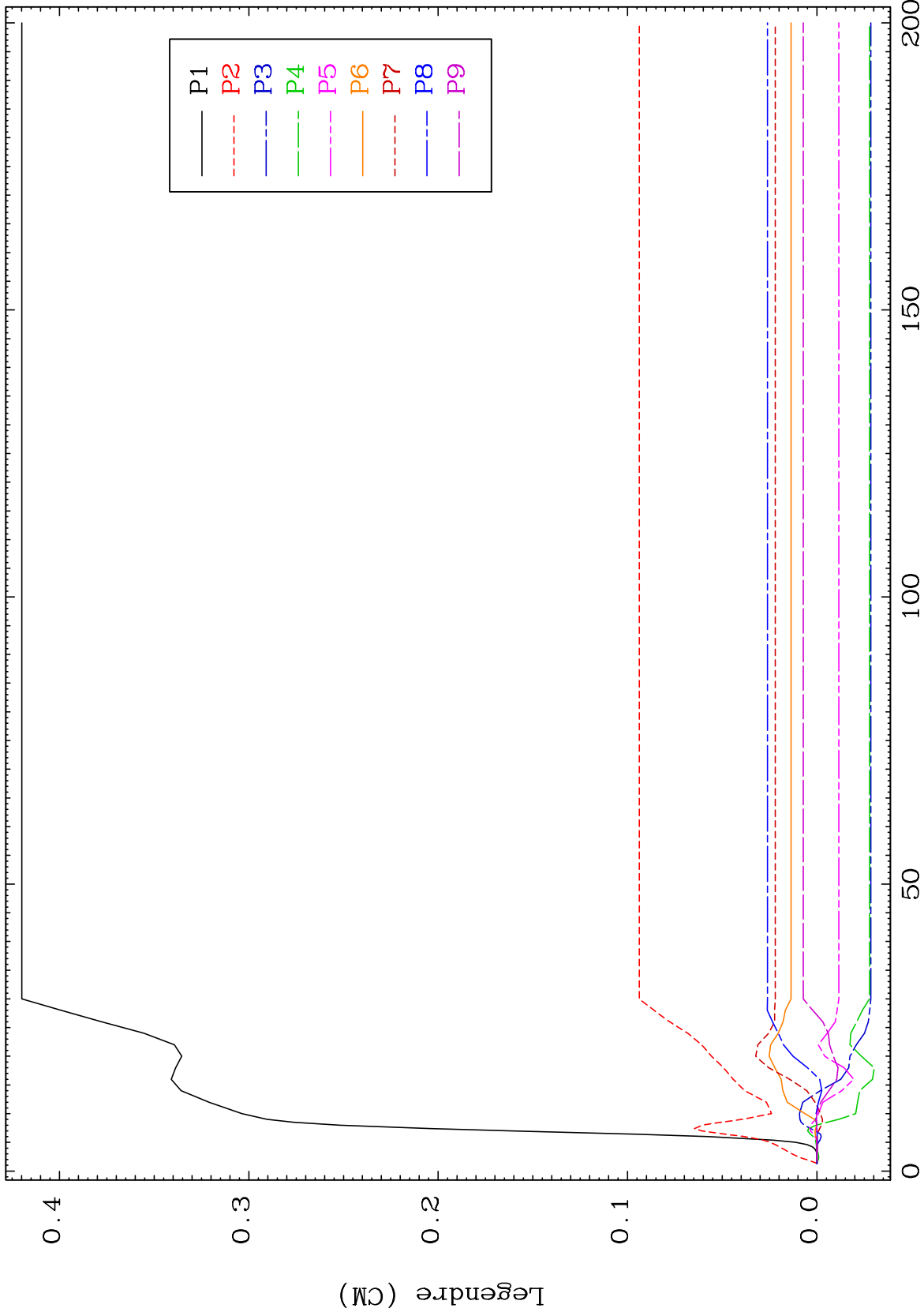
95



MAT 5319

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

53-I -125



96

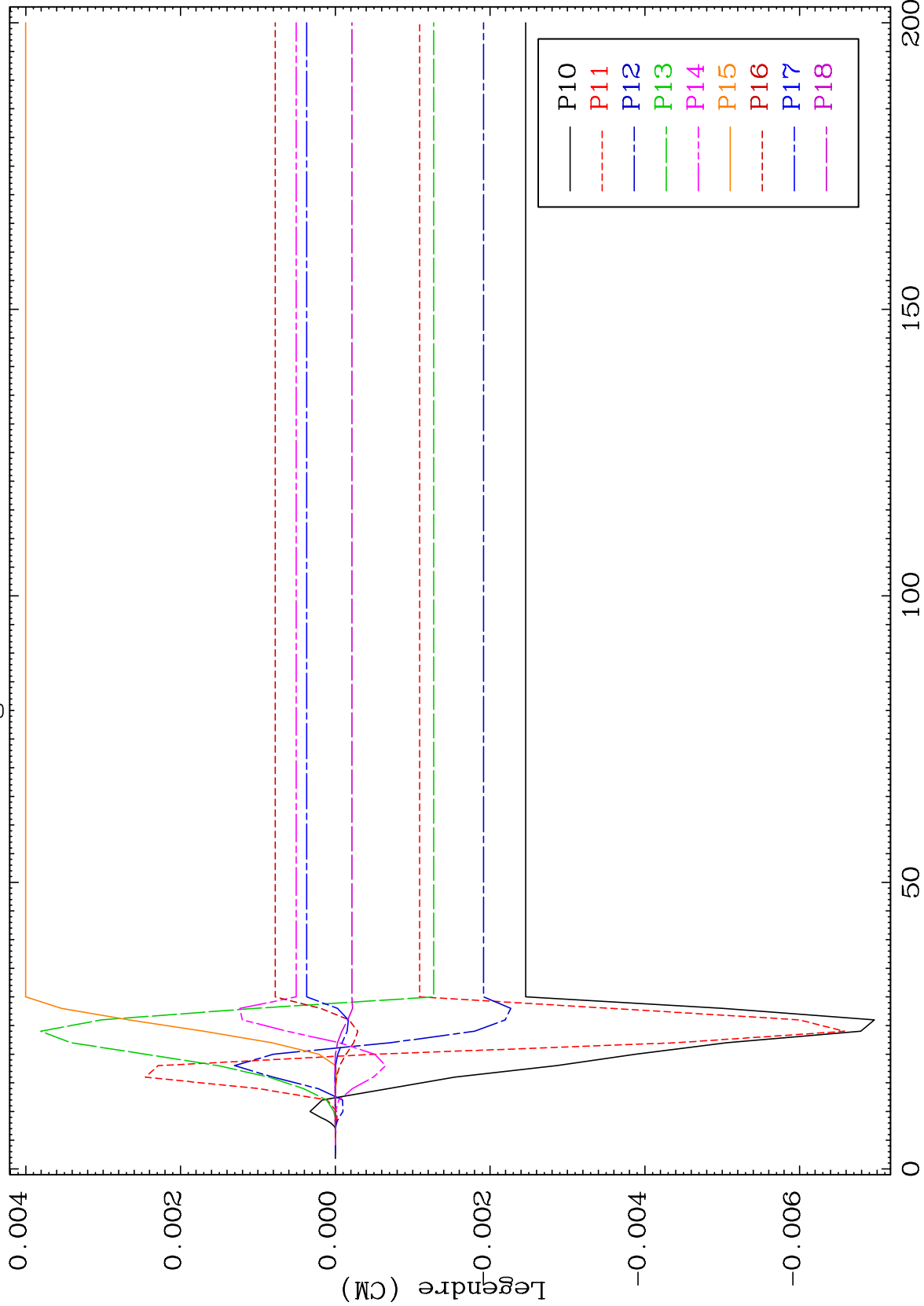
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



97

Incident Energy (MeV)

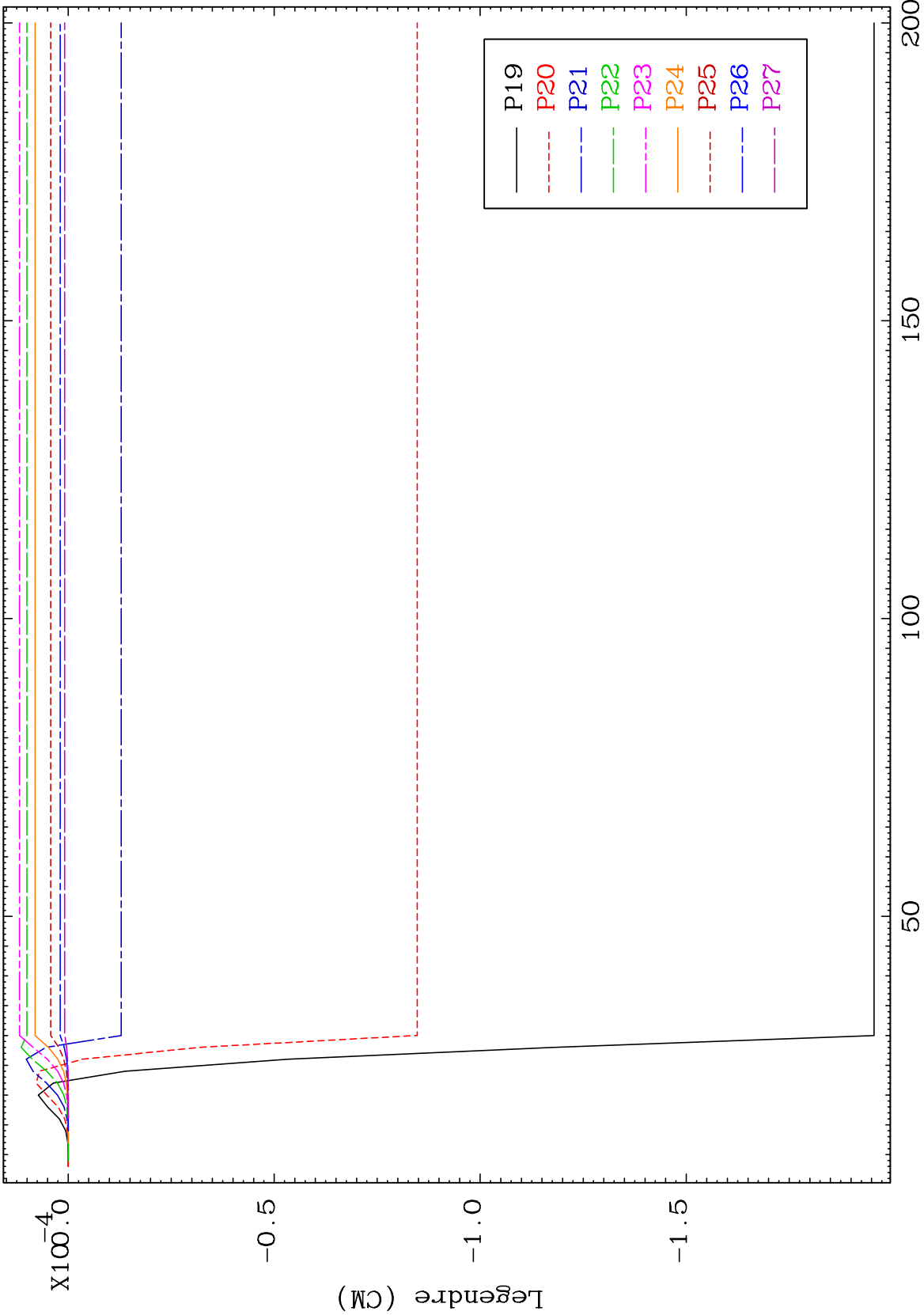
53-I -125

MAT 5319

MT= 72 (n,n') Level

53-I -125

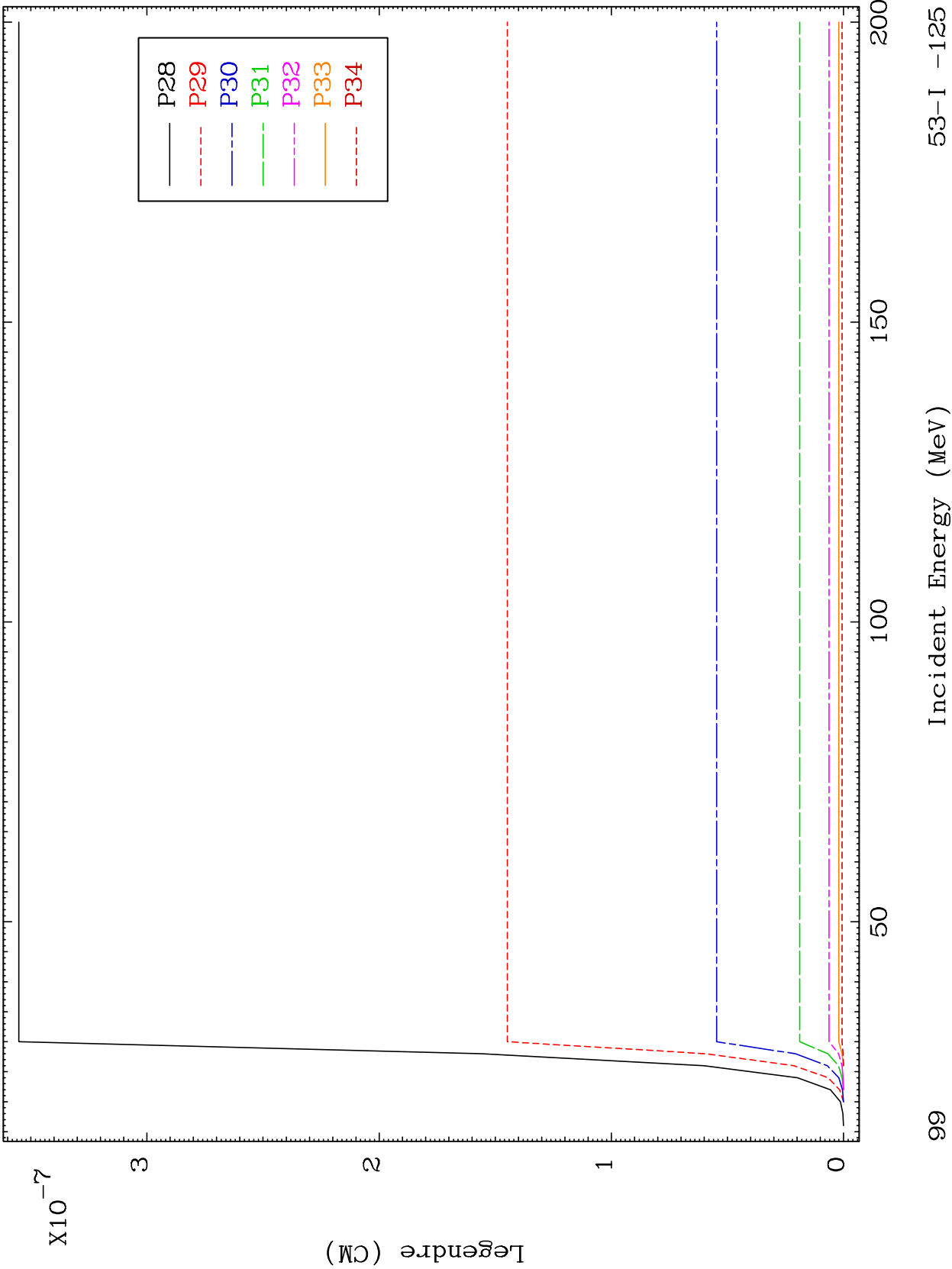
Legendre Coefficients



MAT 5319

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

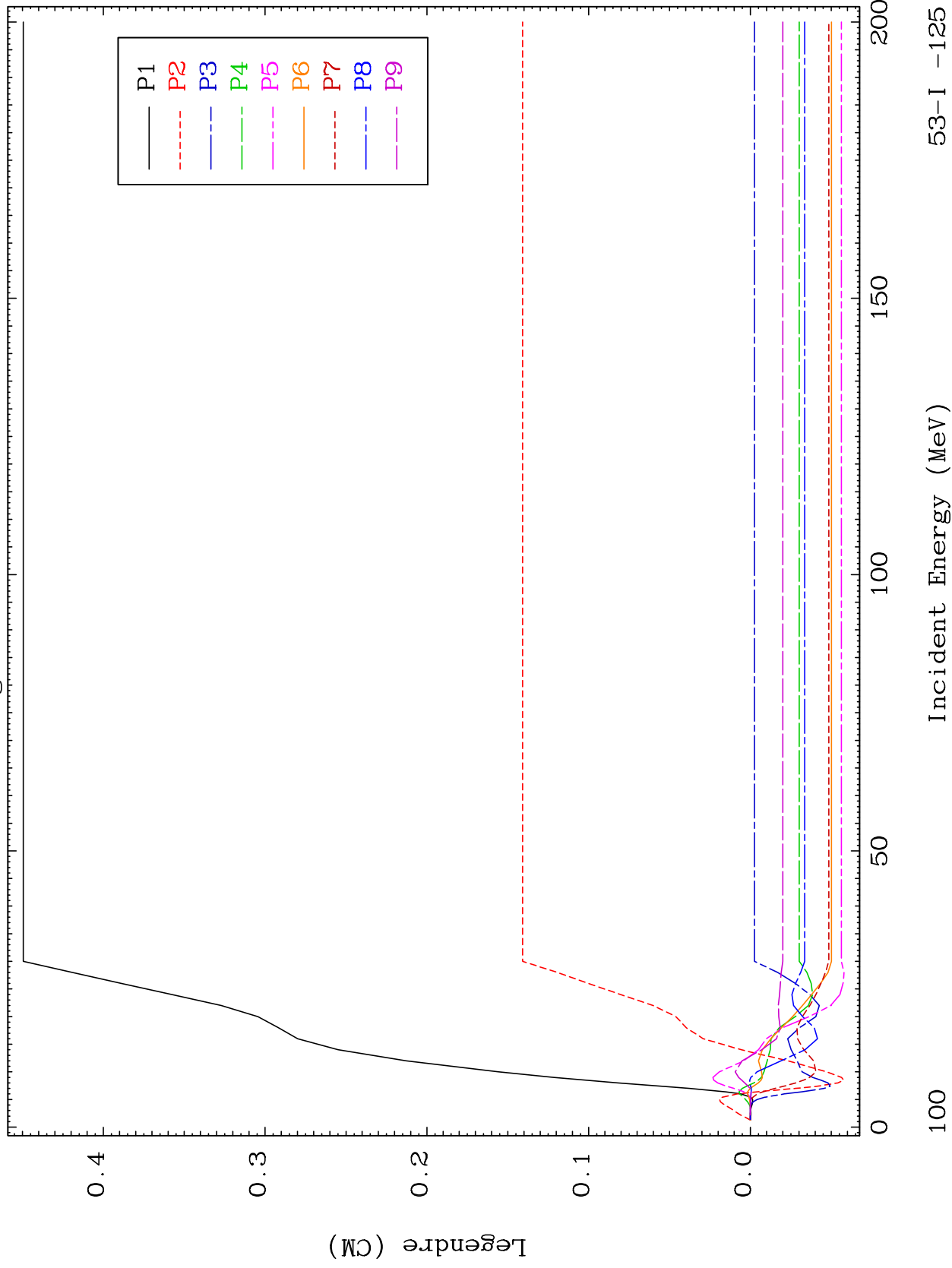
53-I -125



MAT 5319

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

53-I -125



53-I -125

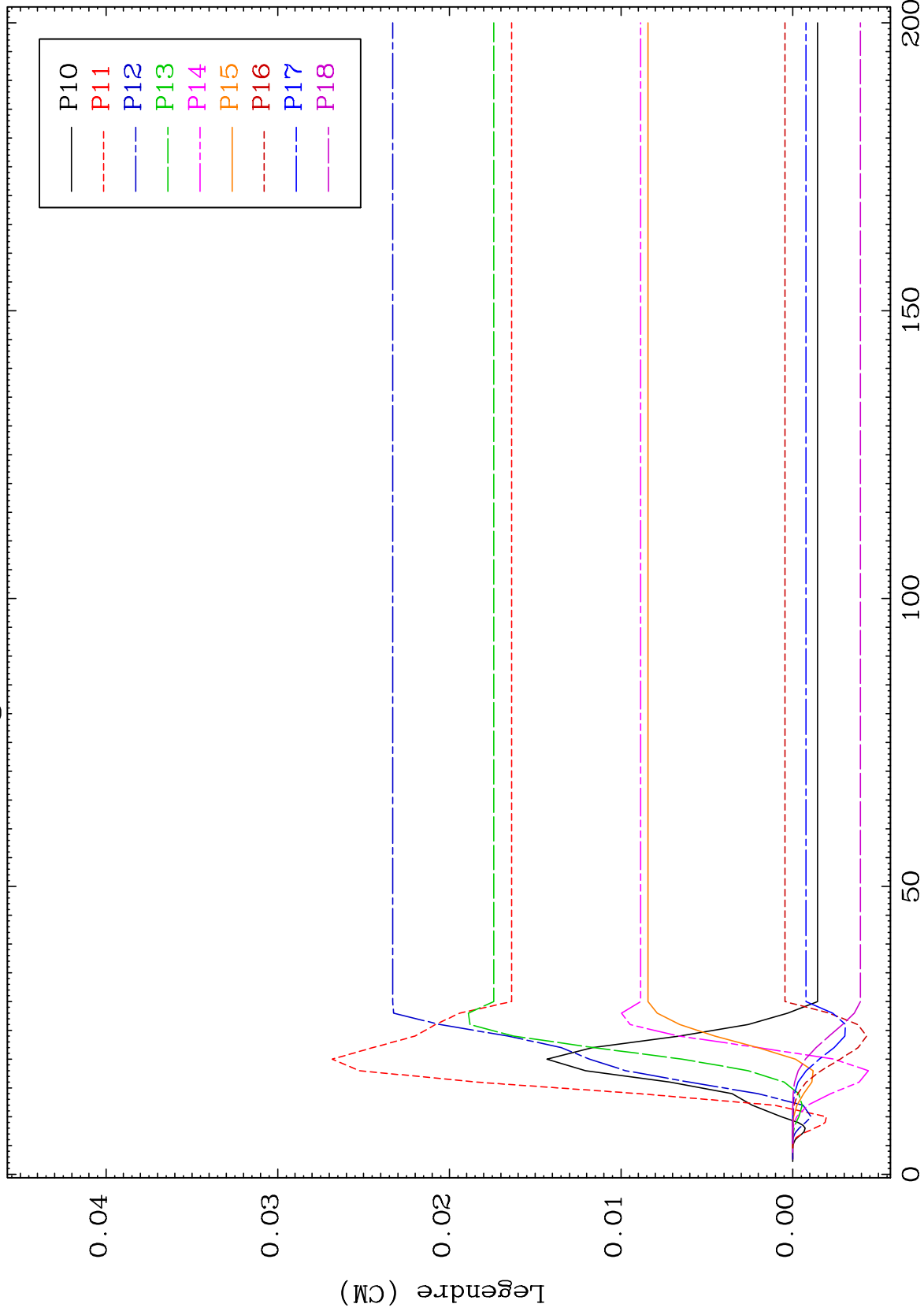
Incident Energy (MeV)

100

MAT 5319

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

53-I -125



101

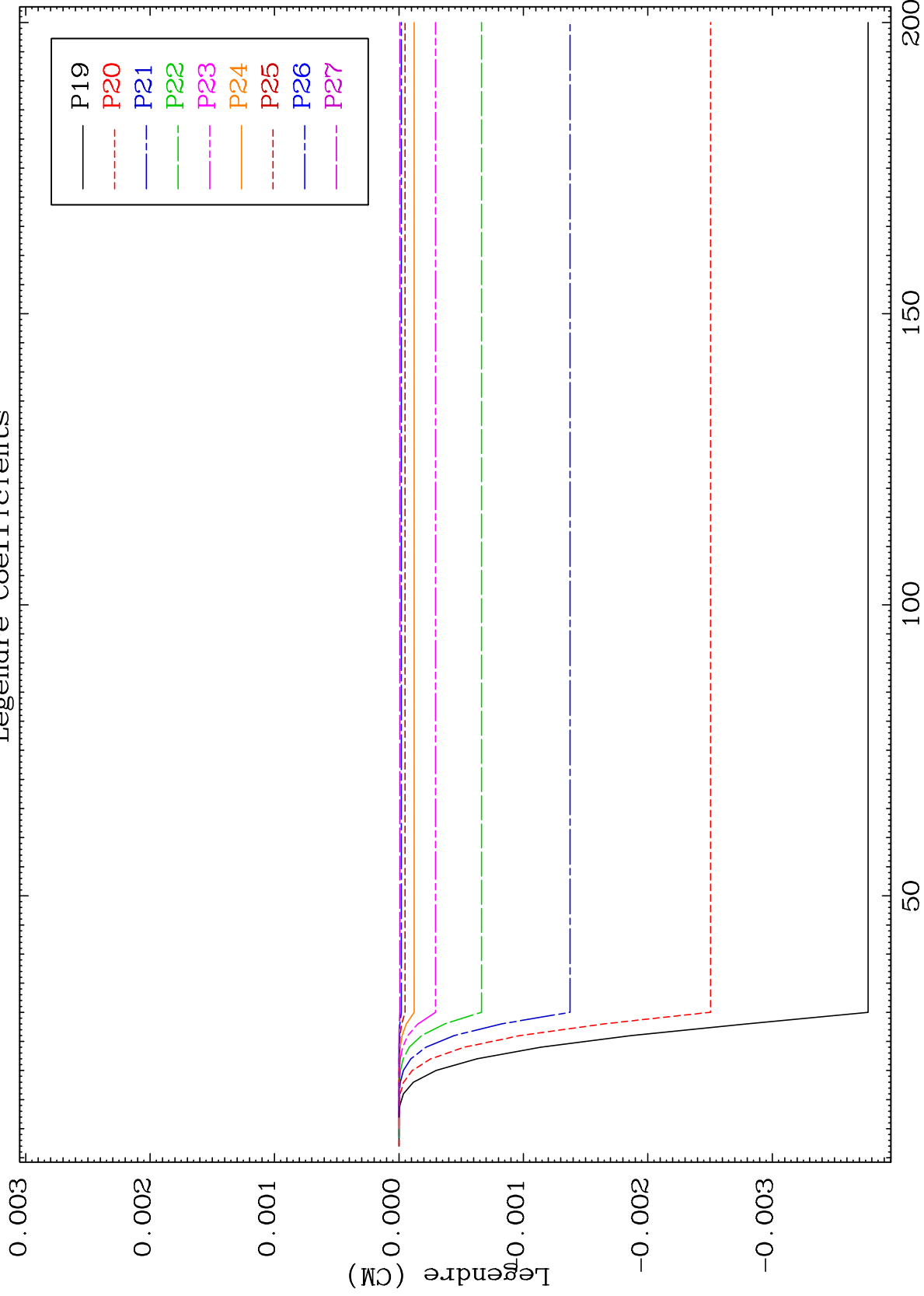
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



102

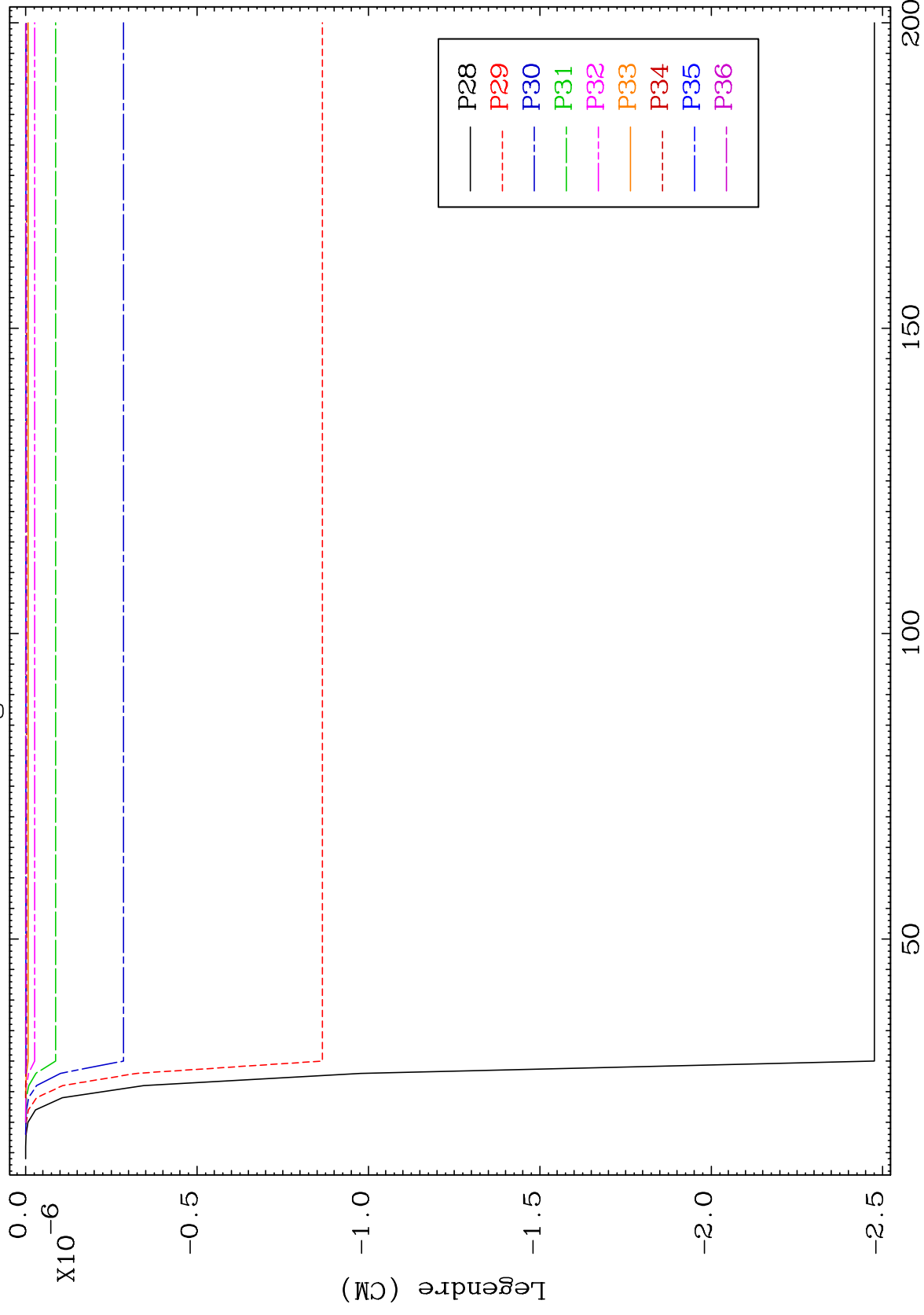
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



103

Incident Energy (MeV)

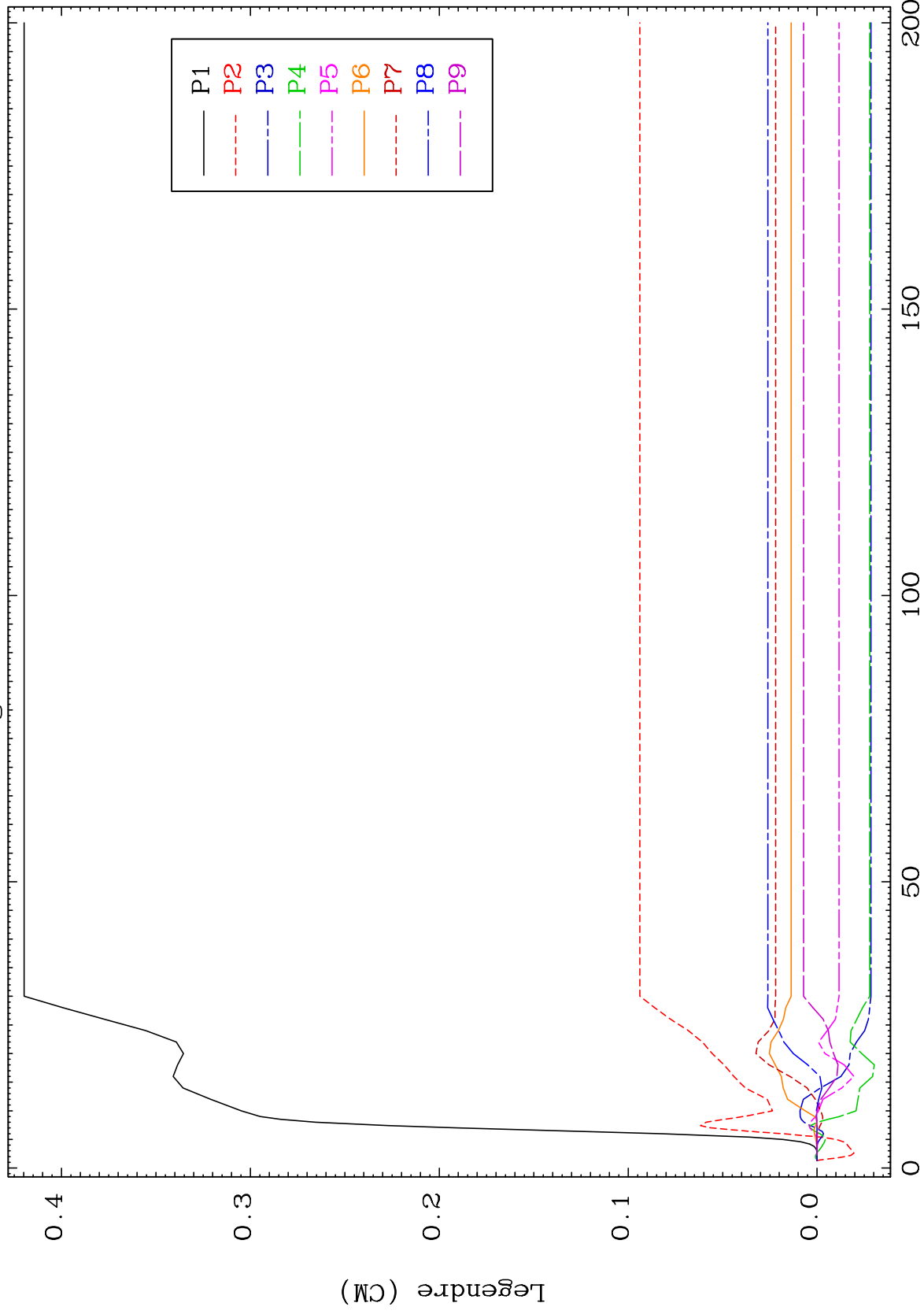
53-I -125



MAT 5319

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

53-I -125



104

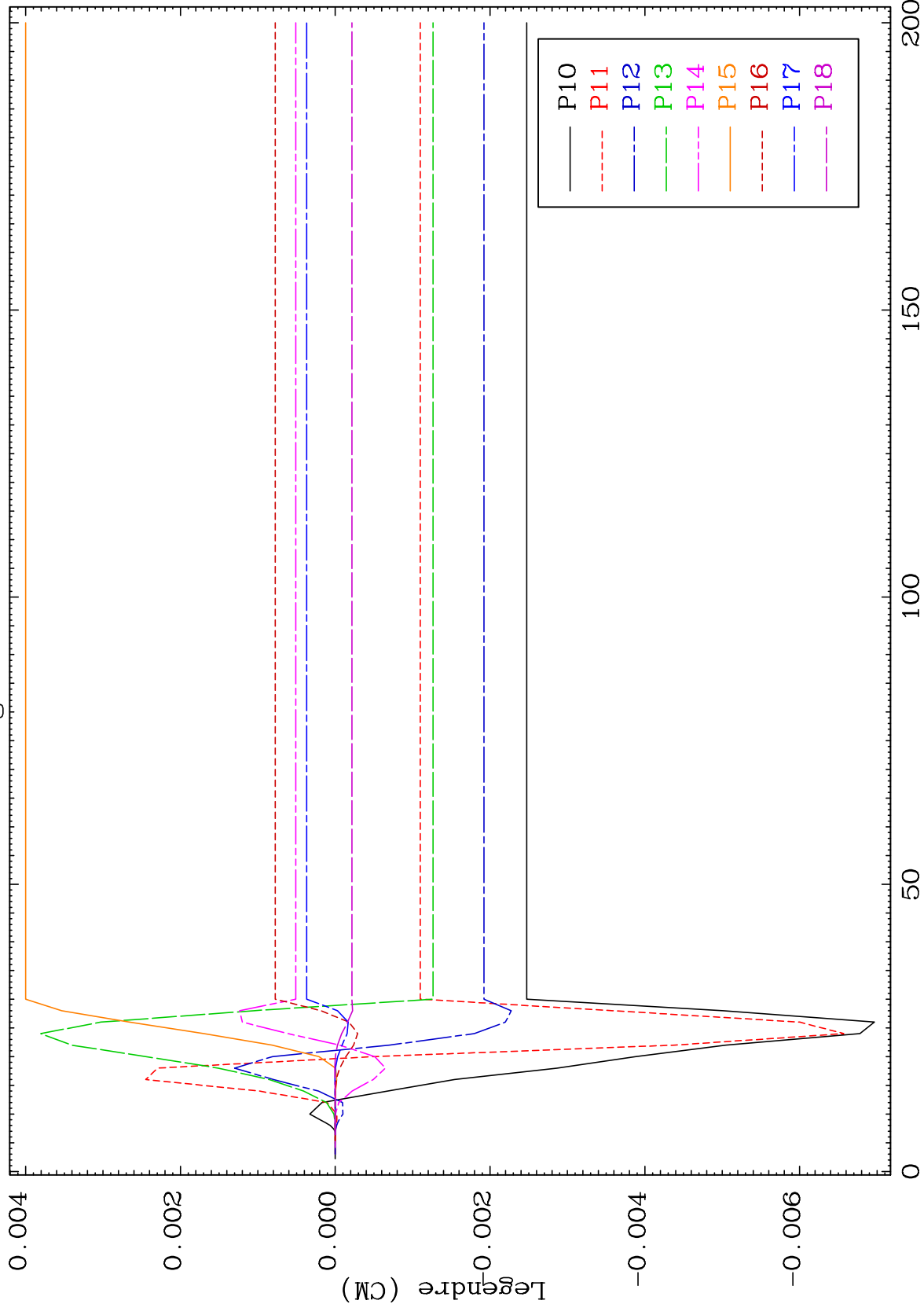
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



105

Incident Energy (MeV)

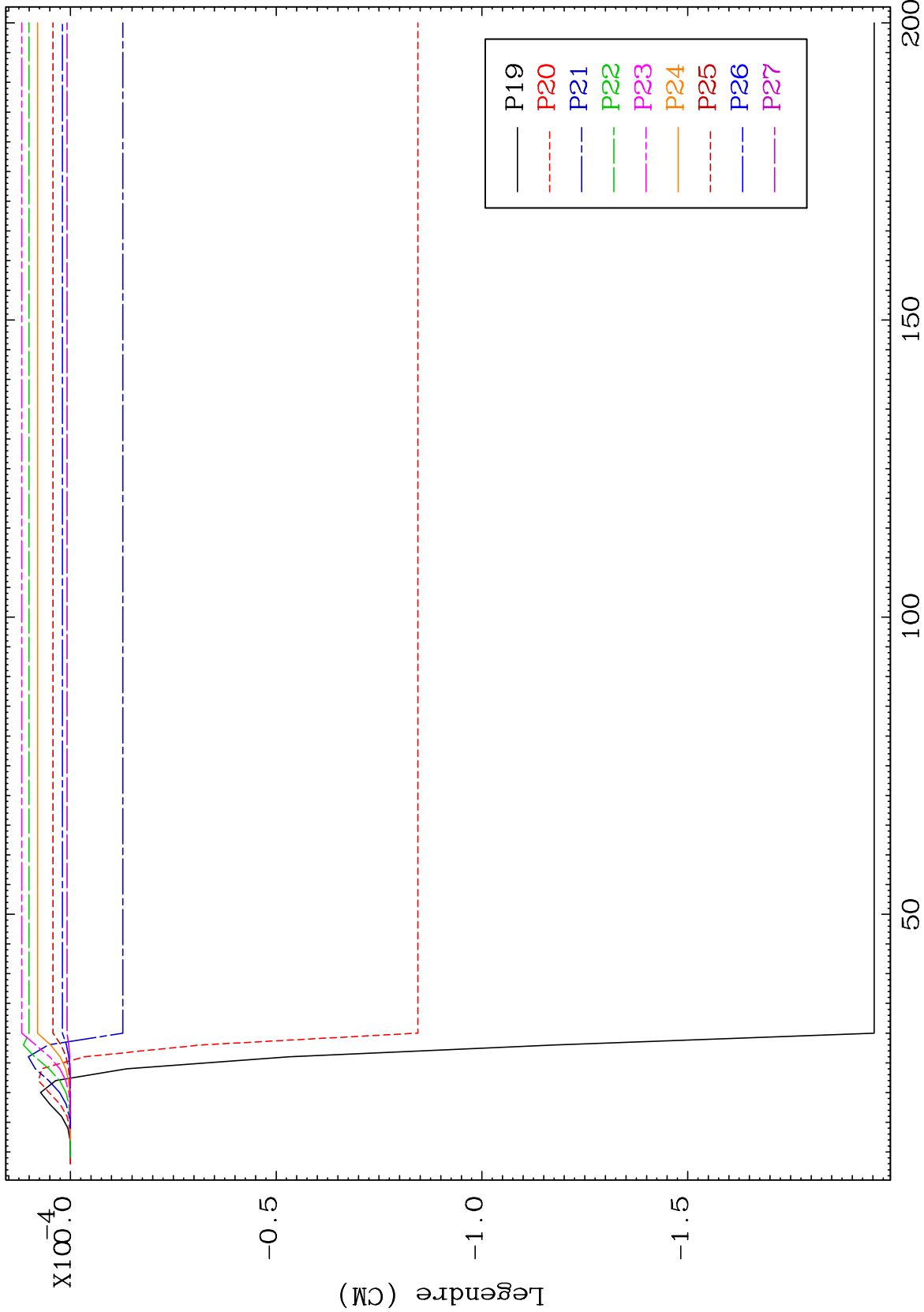
53-I -125

MAT 5319

MT= 74 (n,n') Level

53-I -125

Legendre Coefficients



106

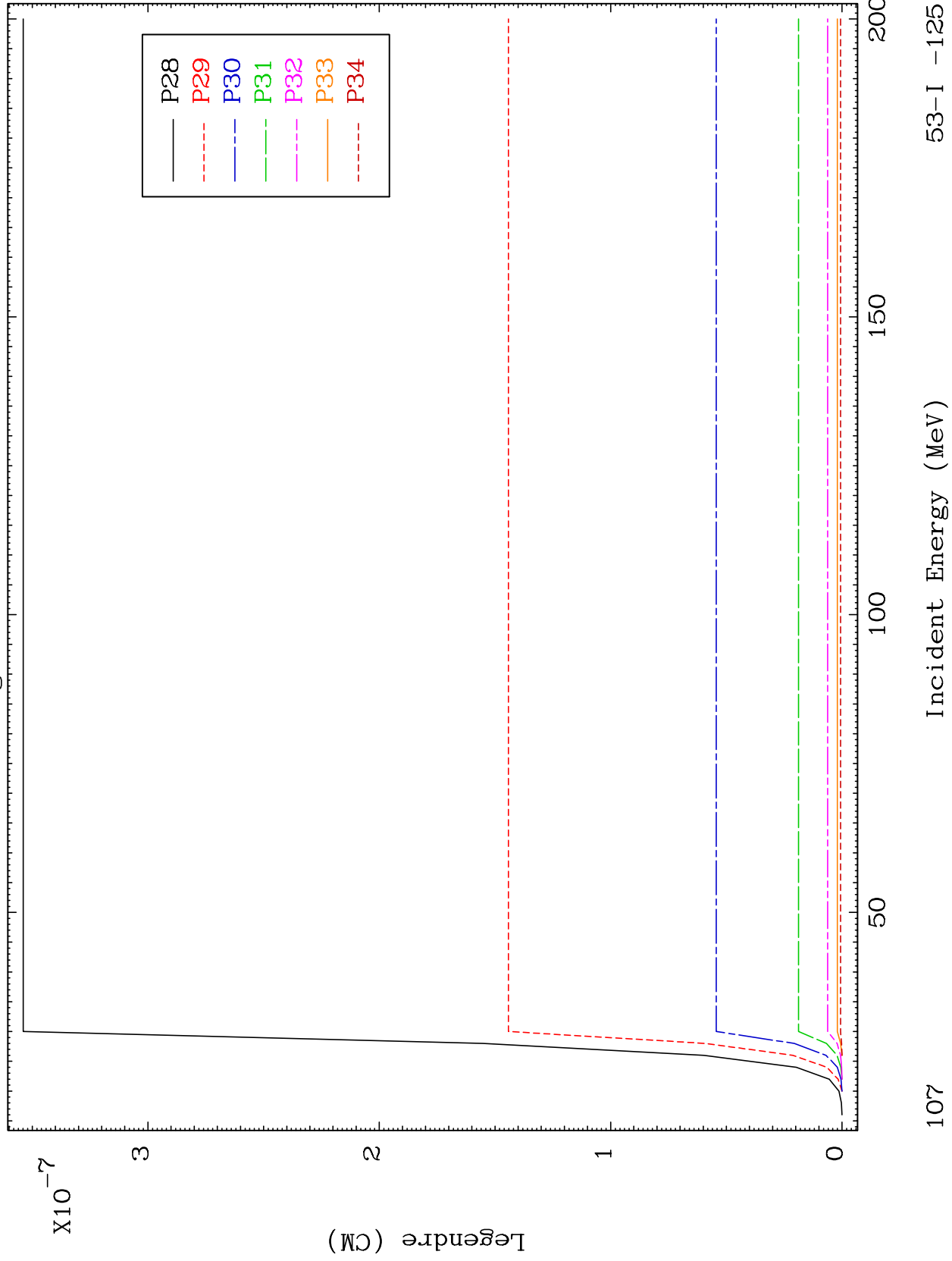
Incident Energy (MeV)

53-I -125

MAT 5319

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

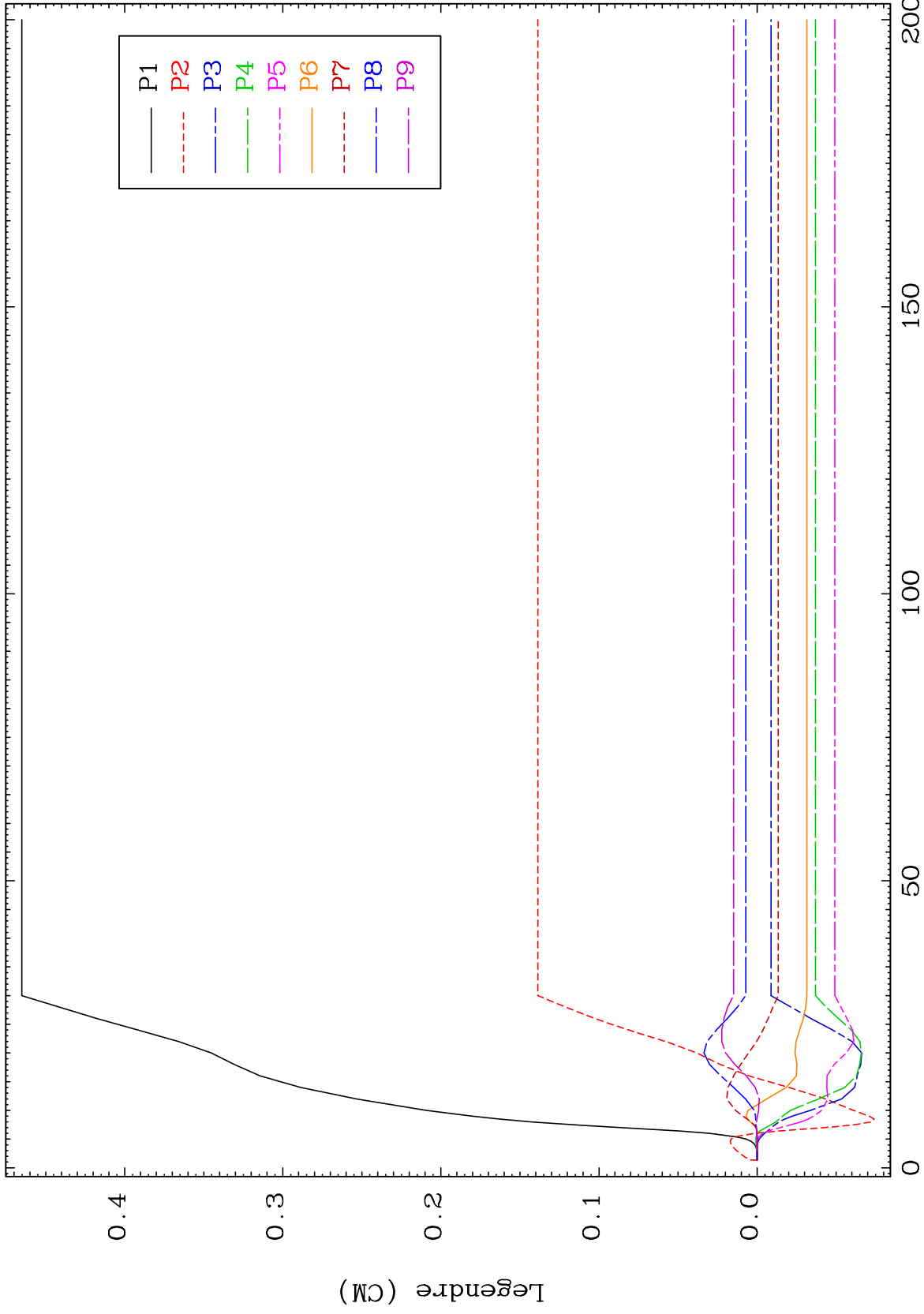
53-I -125



MAT 5319

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

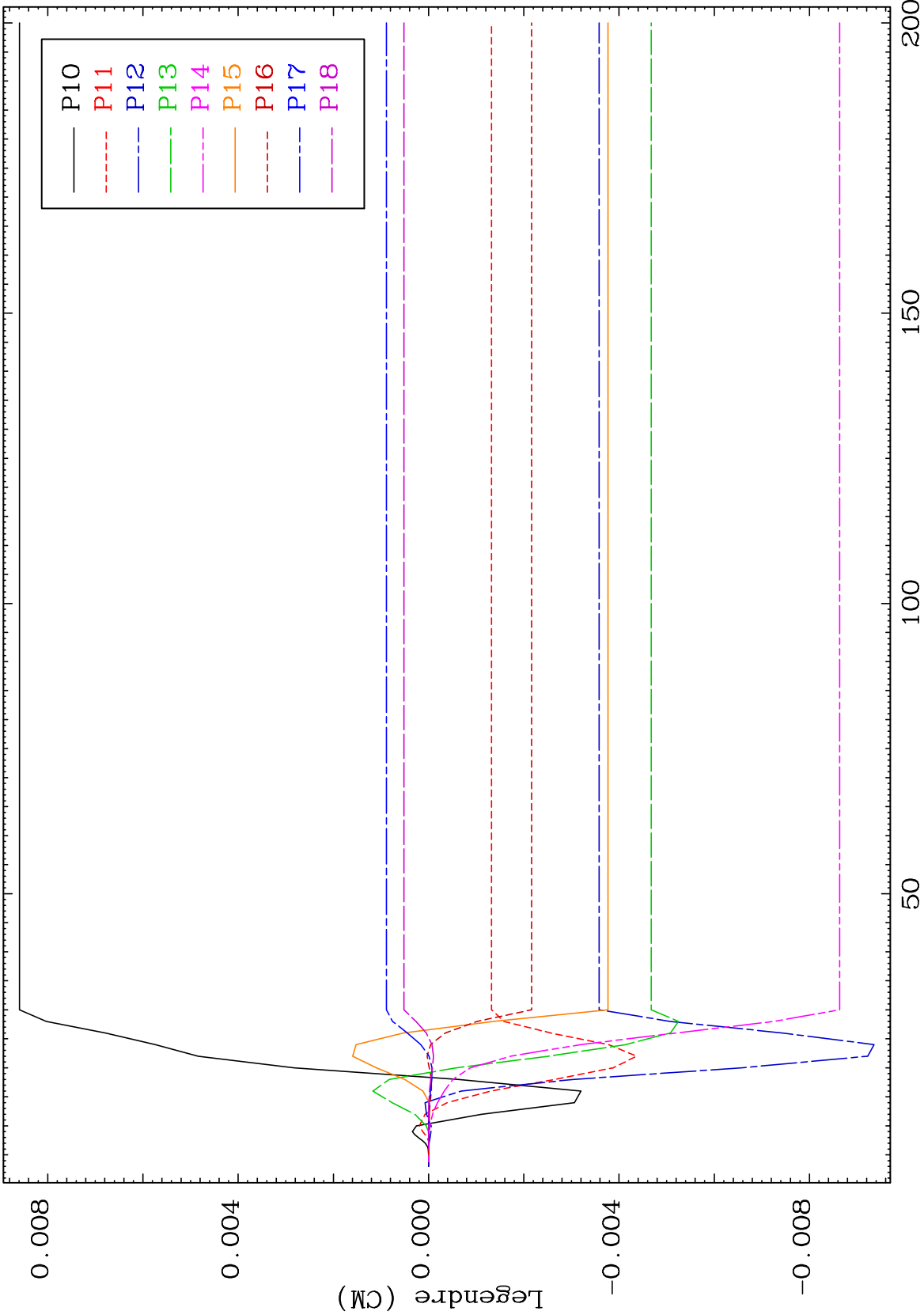
53-I -125



53-I -125

Incident Energy (MeV)

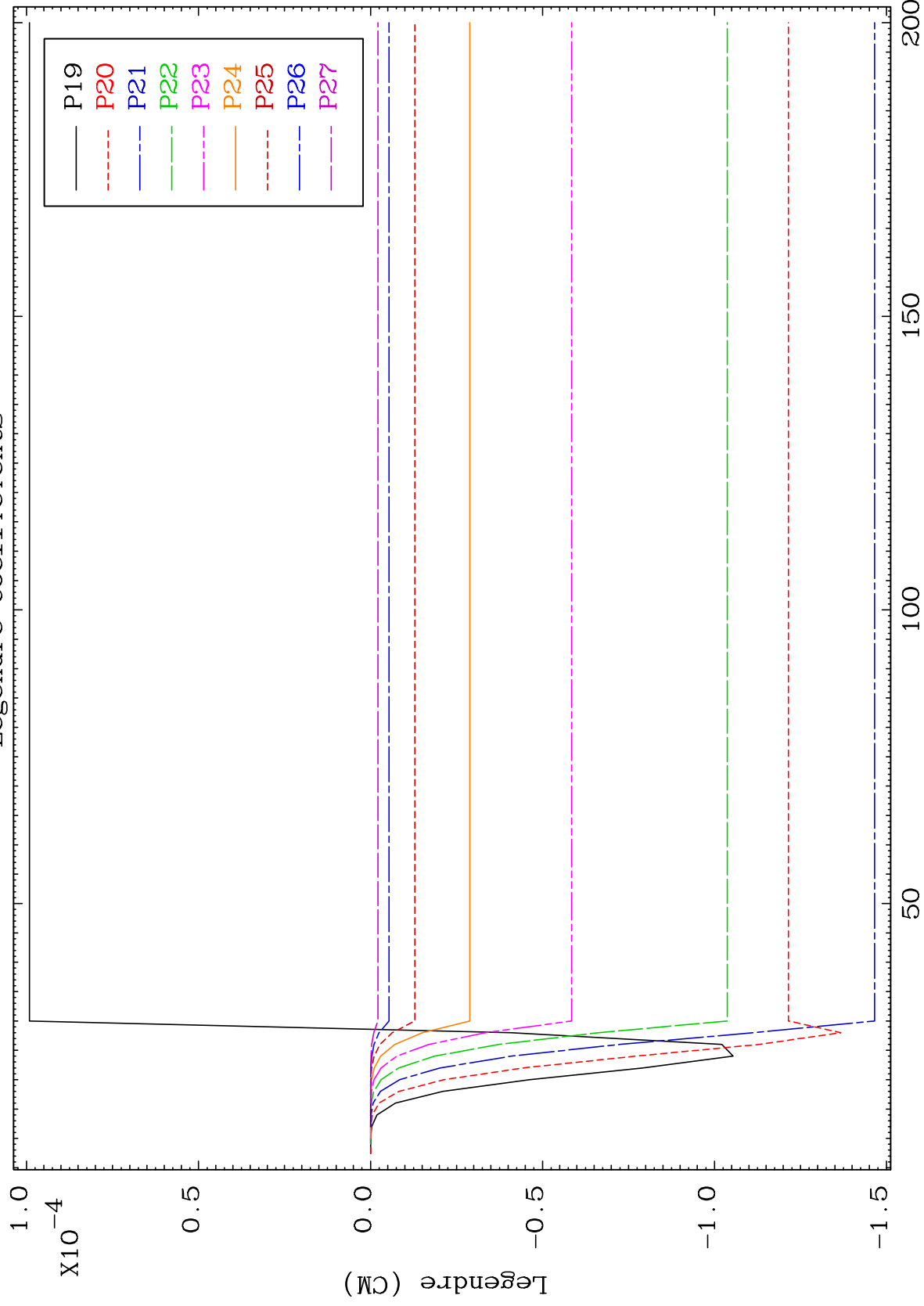
108



MAT 5319

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

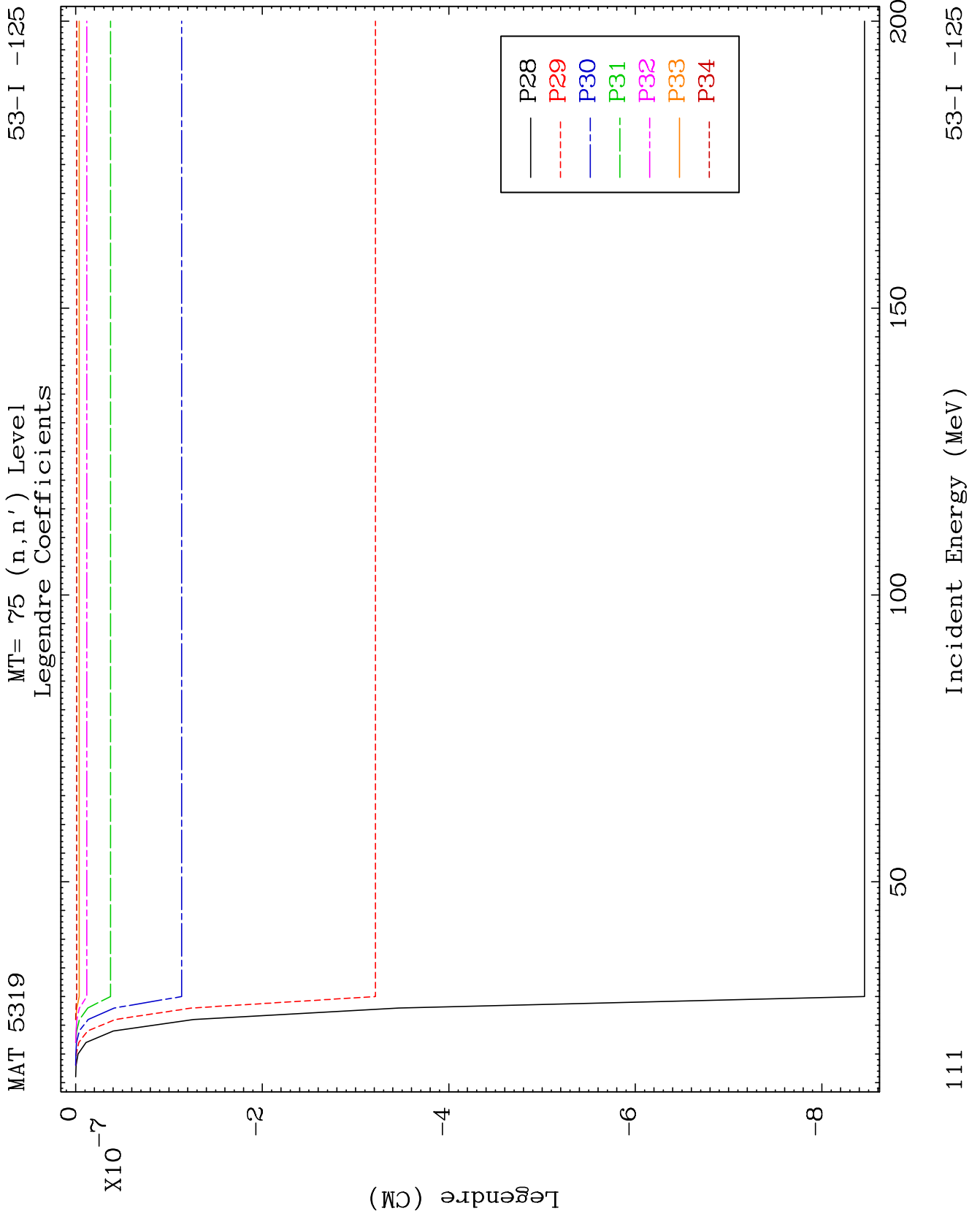
53-I -125



110

Incident Energy (MeV)

53-I -125

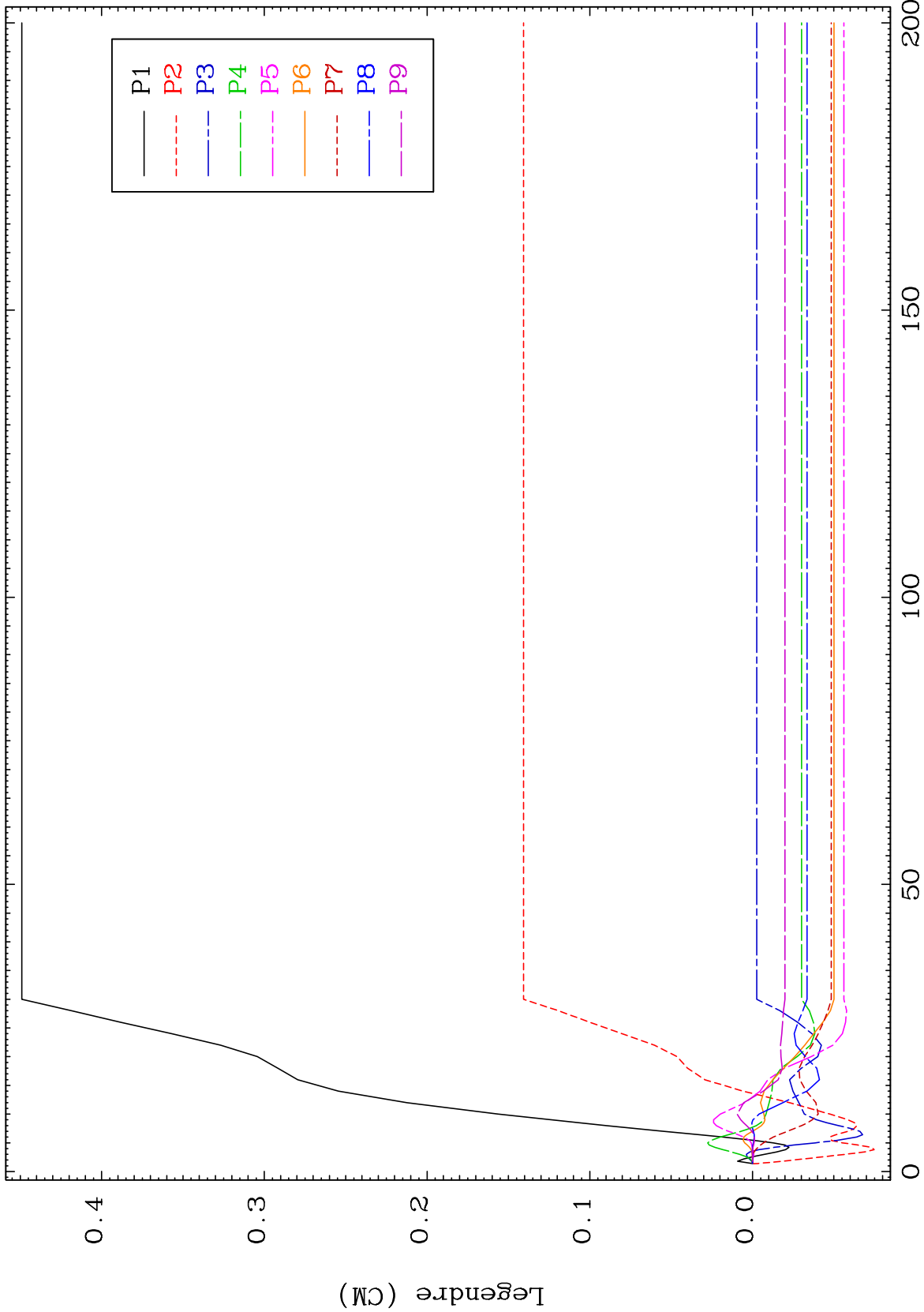




MAT 5319

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

53-I -125



53-I -125

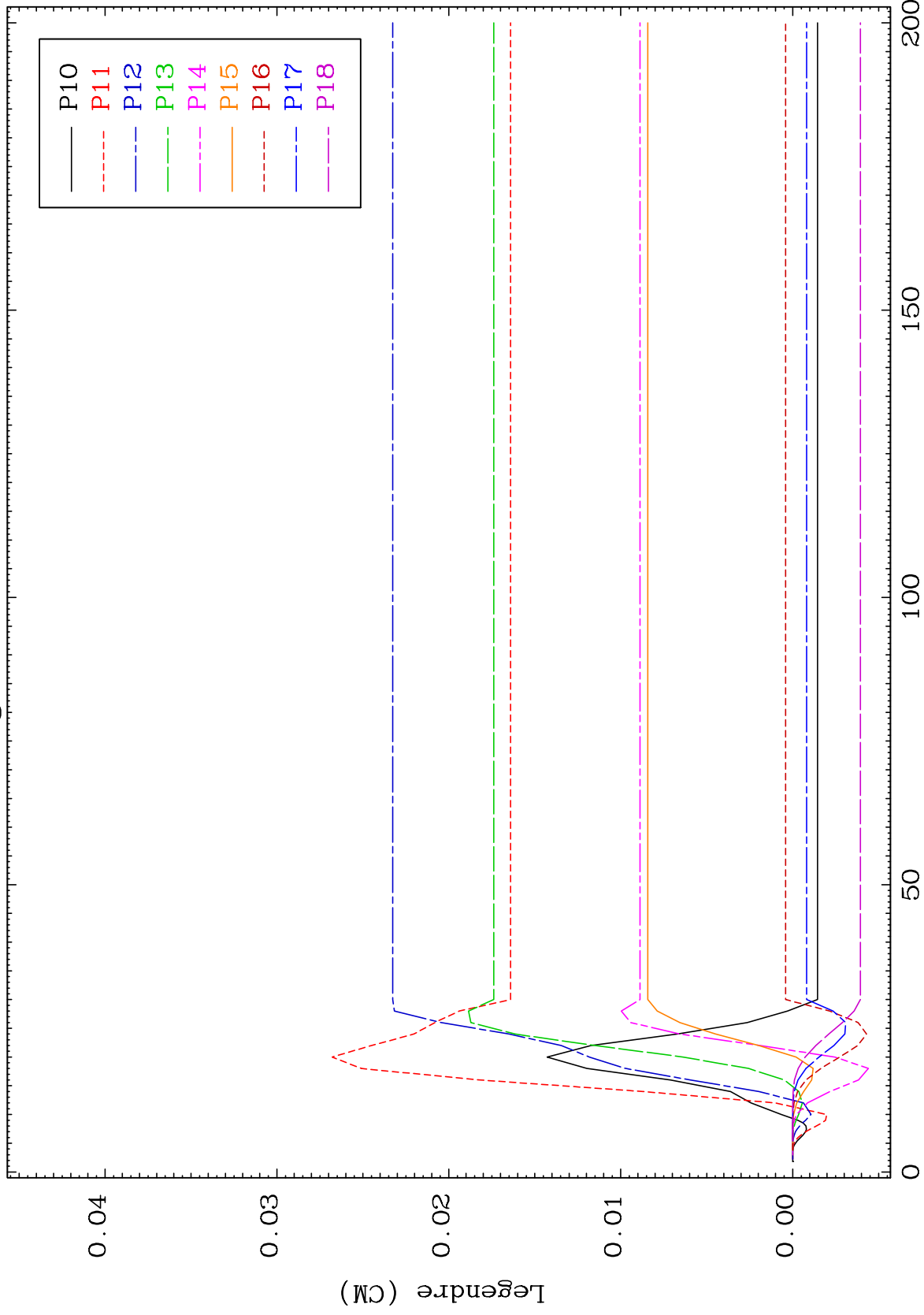
Incident Energy (MeV)

112

MAT 5319

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

53-I -125



113

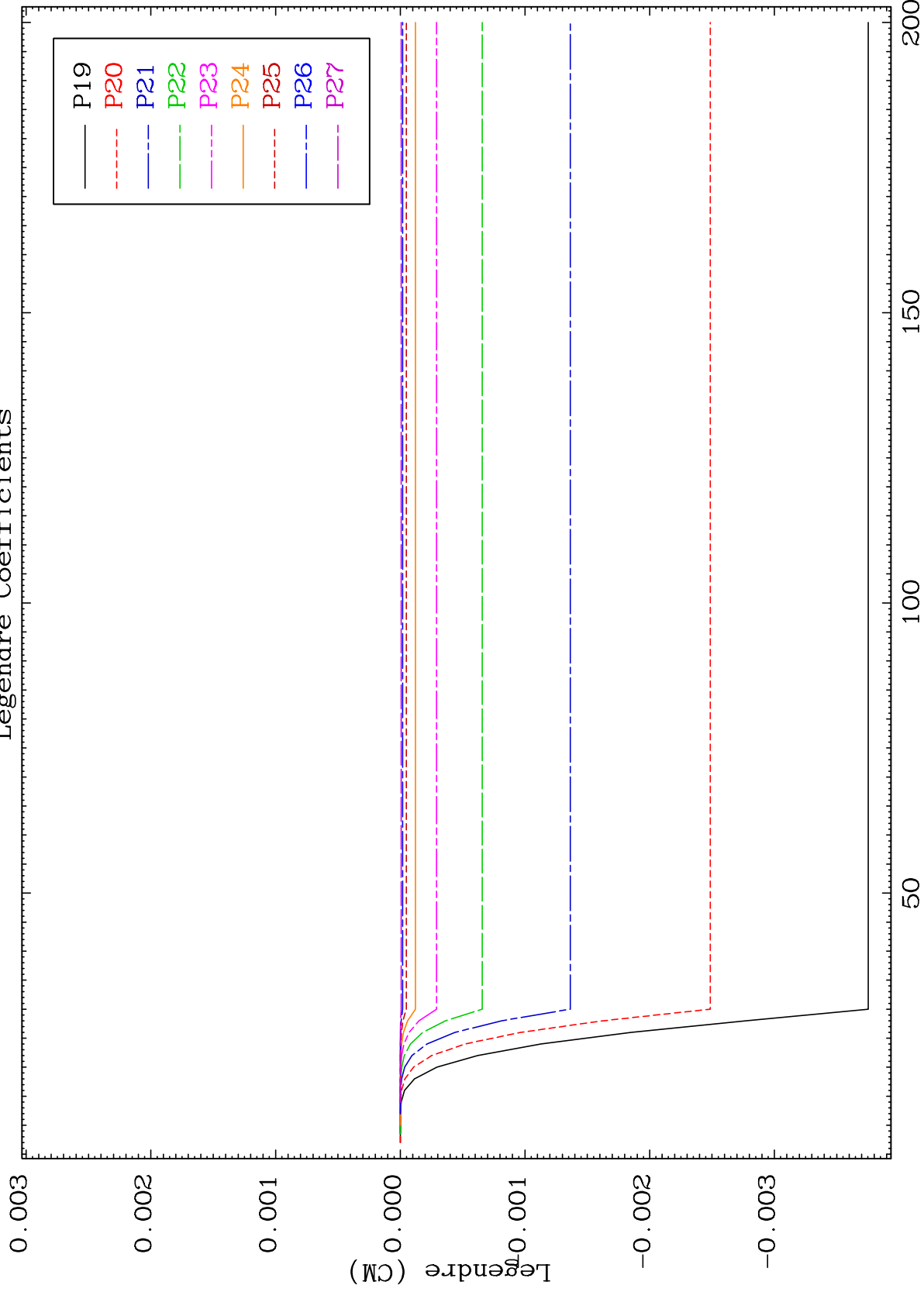
Incident Energy (MeV)

53-I -125

MAT 5319

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

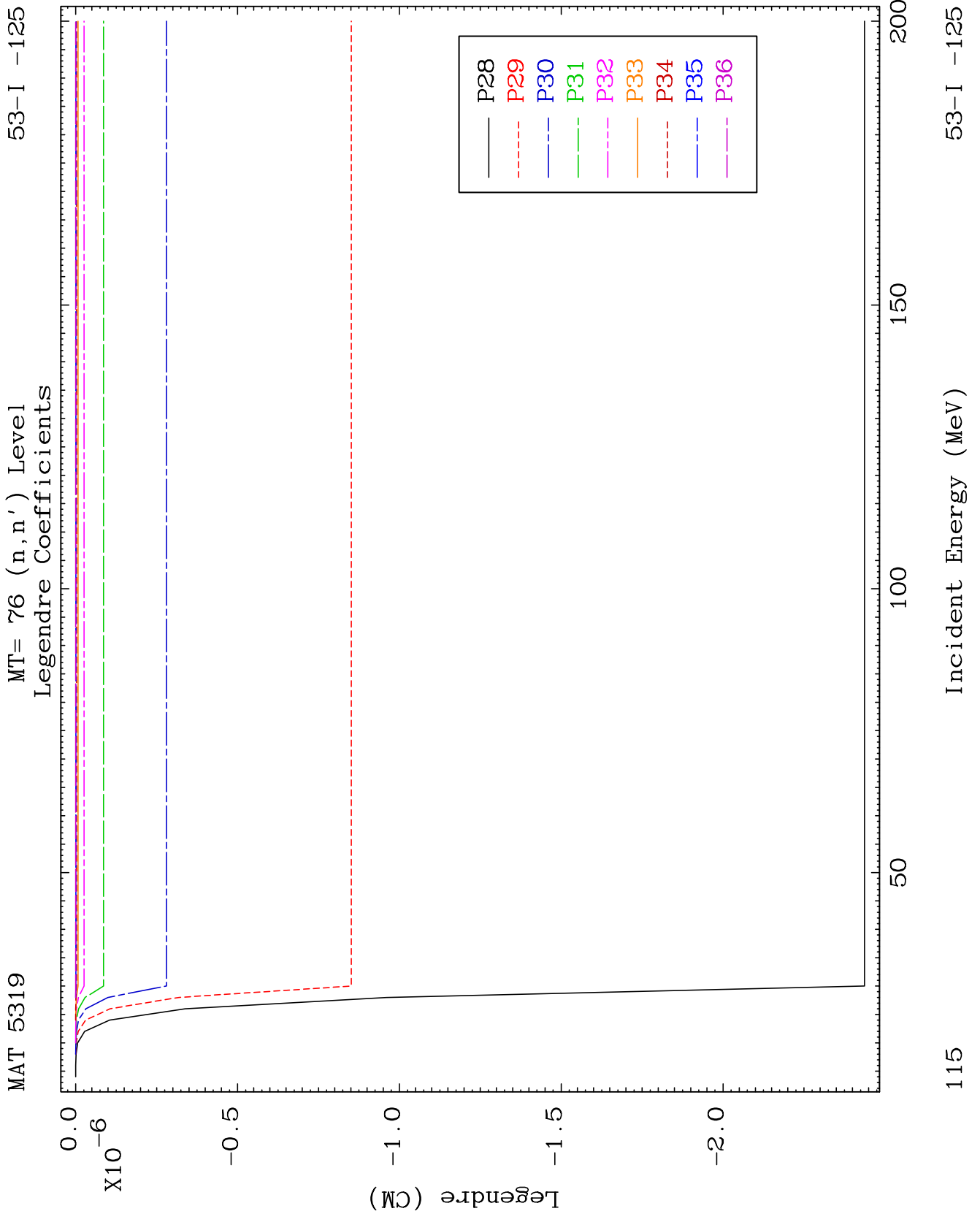
53-I -125



114

Incident Energy (MeV)

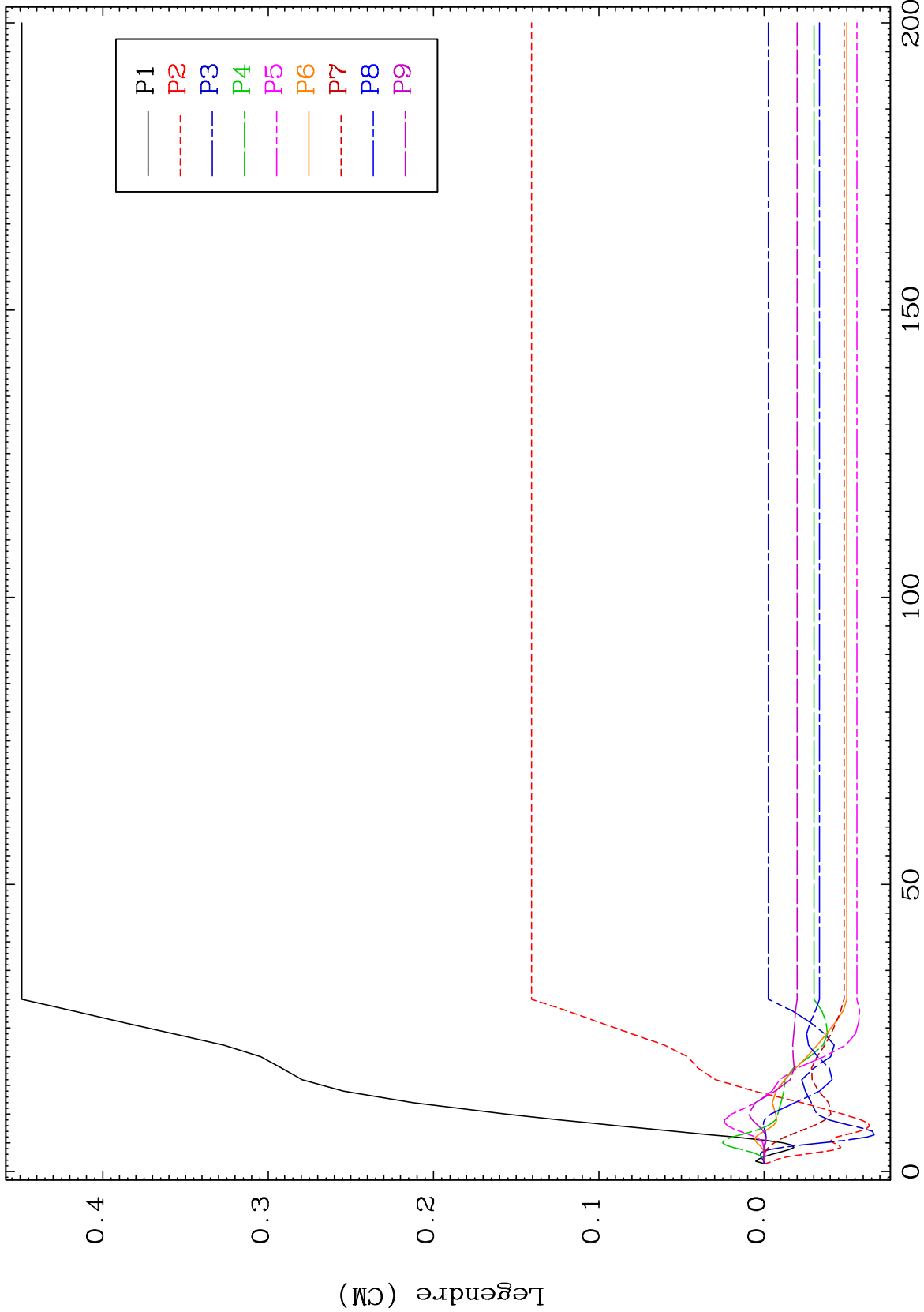
53-I -125



MAT 5319

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

53-I -125



116

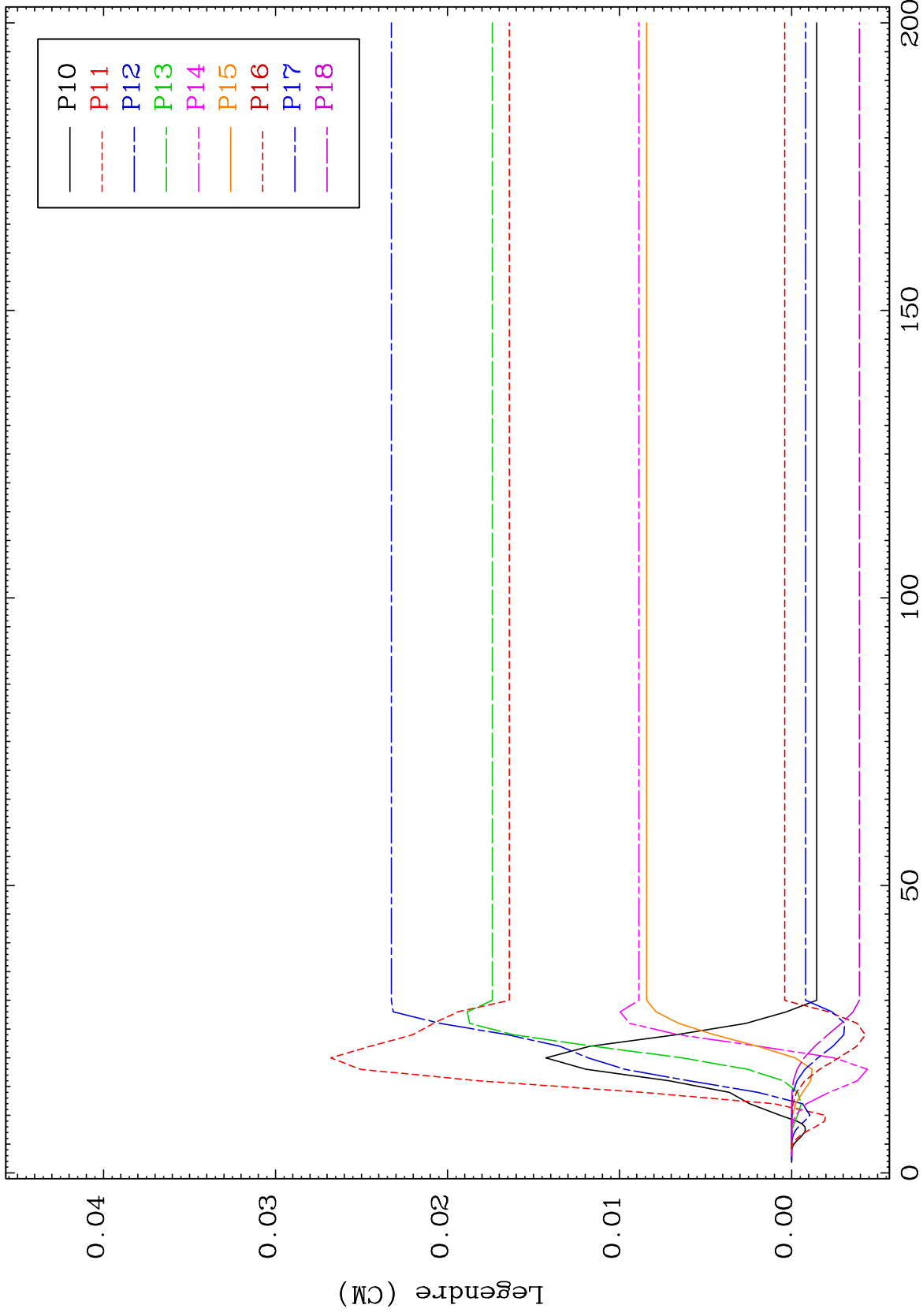
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



117

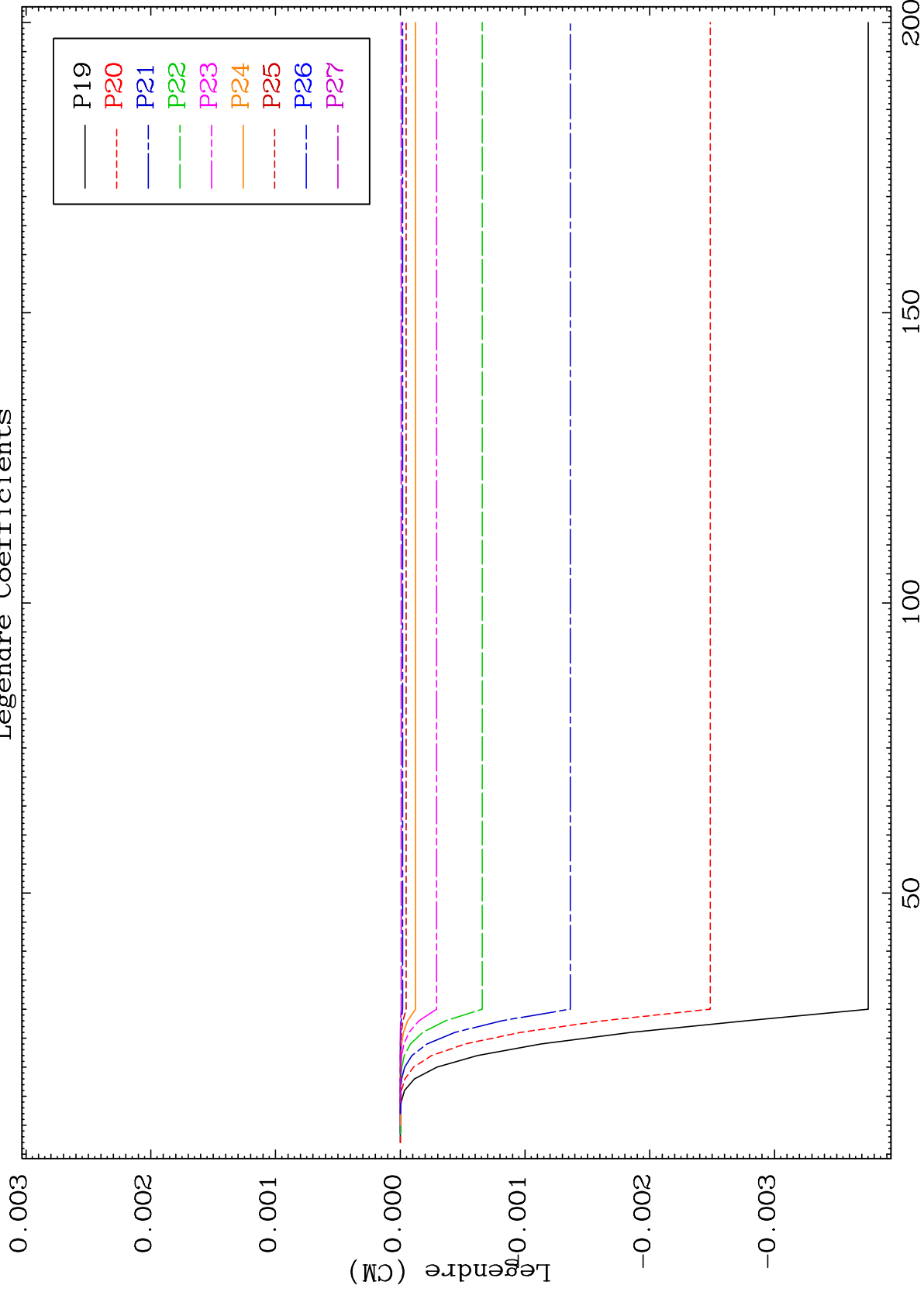
Incident Energy (MeV)

53-I -125

MAT 5319

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

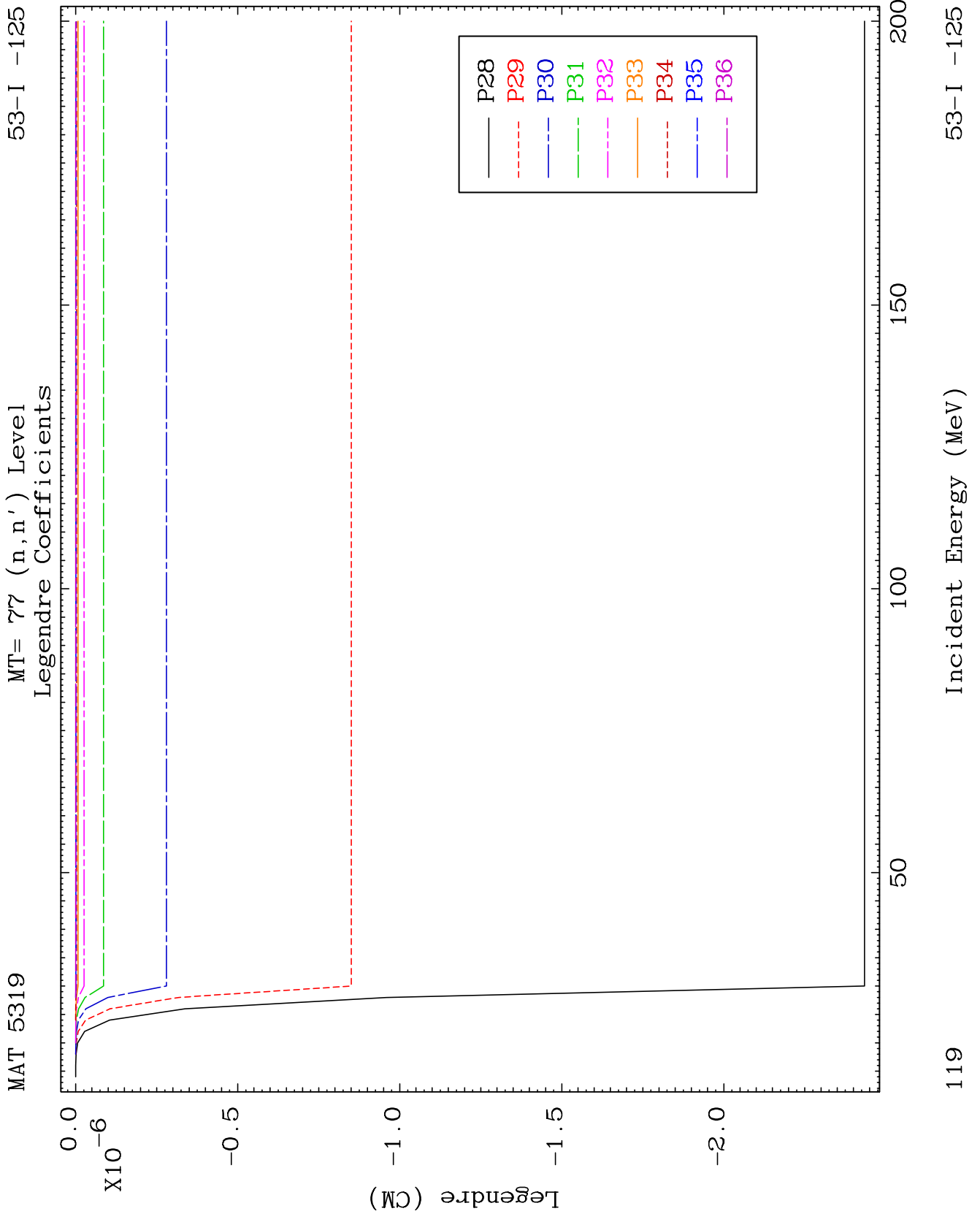
53-I -125



118

Incident Energy (MeV)

53-I -125

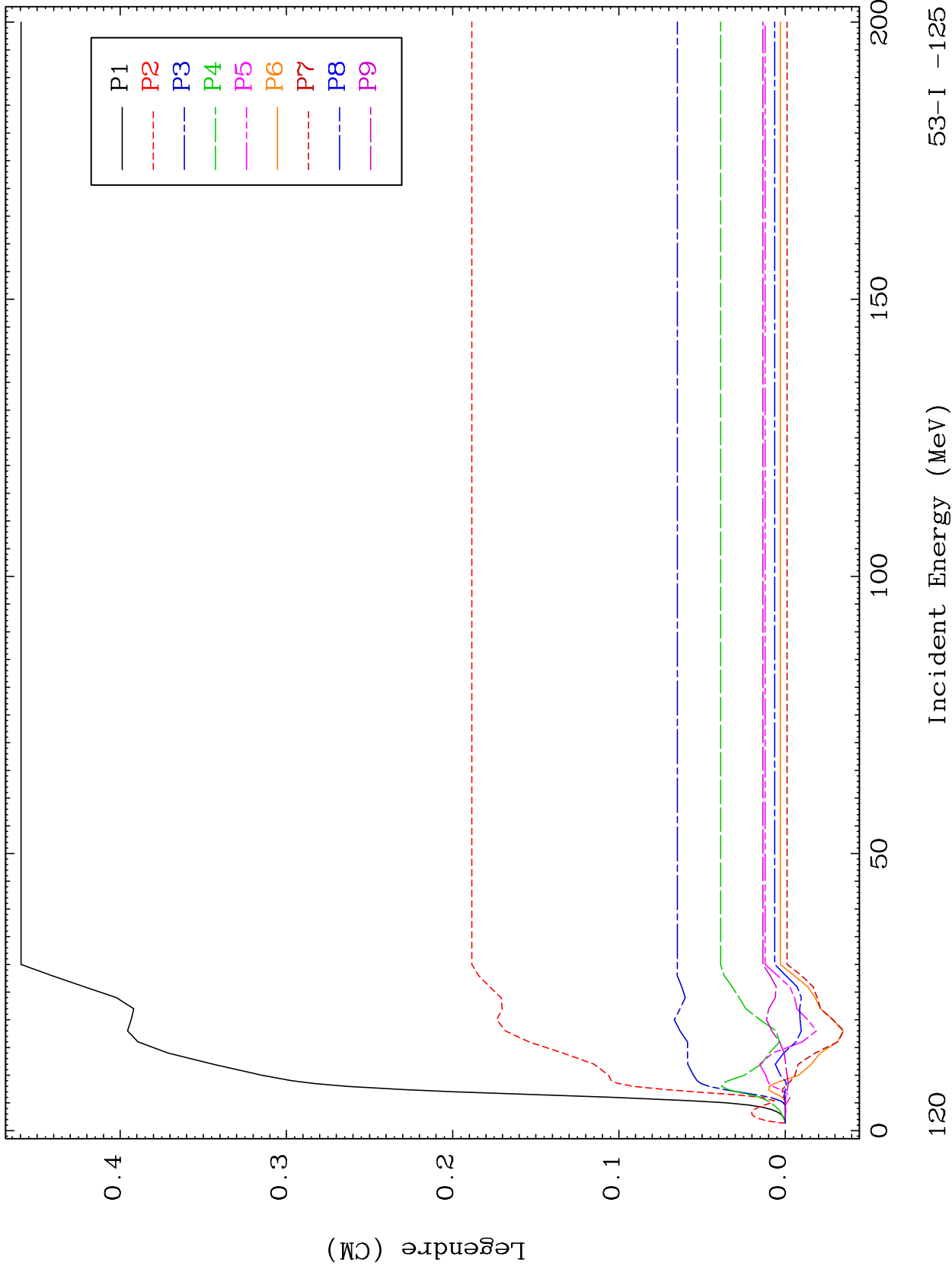




MAT 5319

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

53-I -125



53-I -125

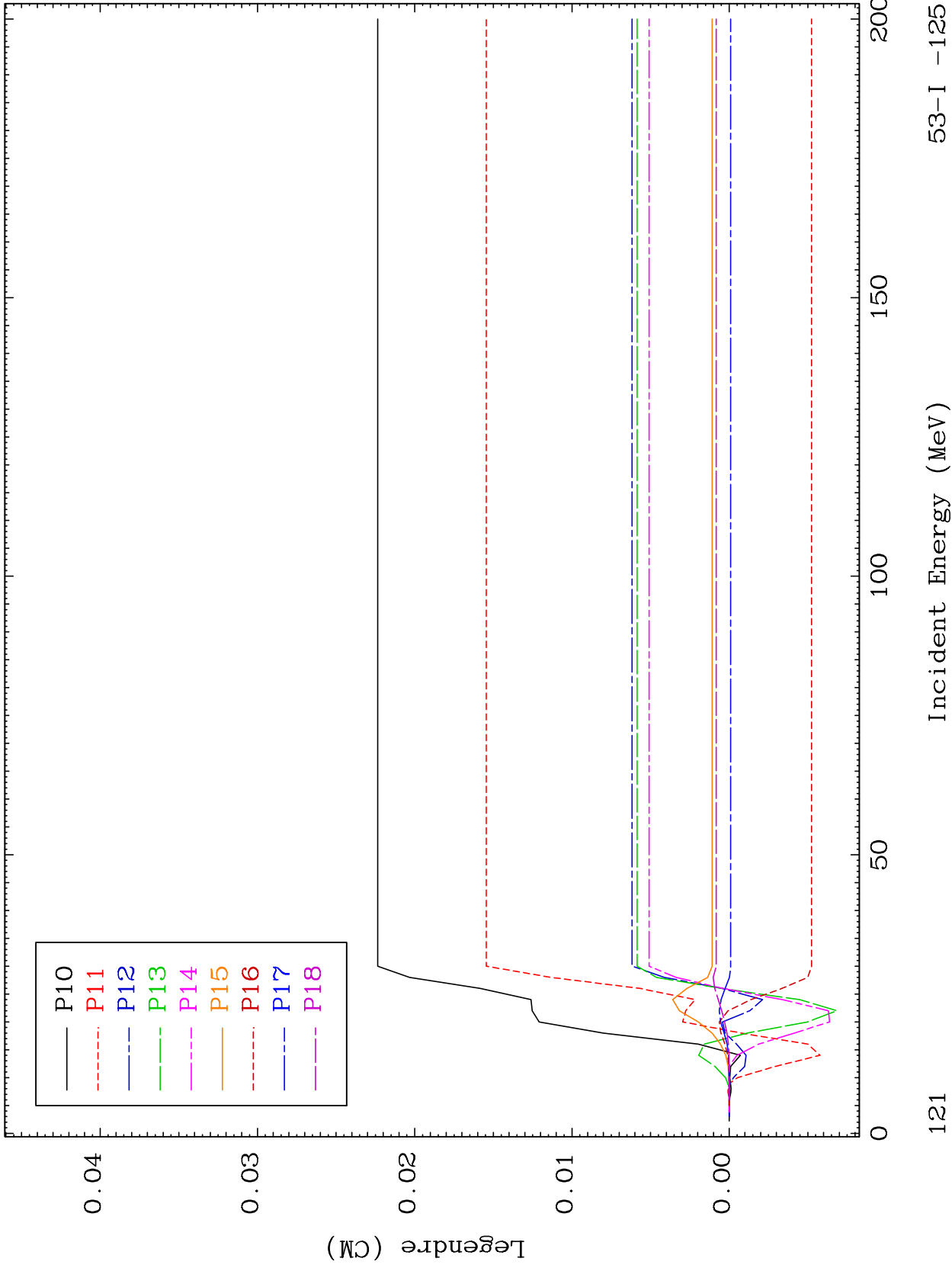
Incident Energy (MeV)

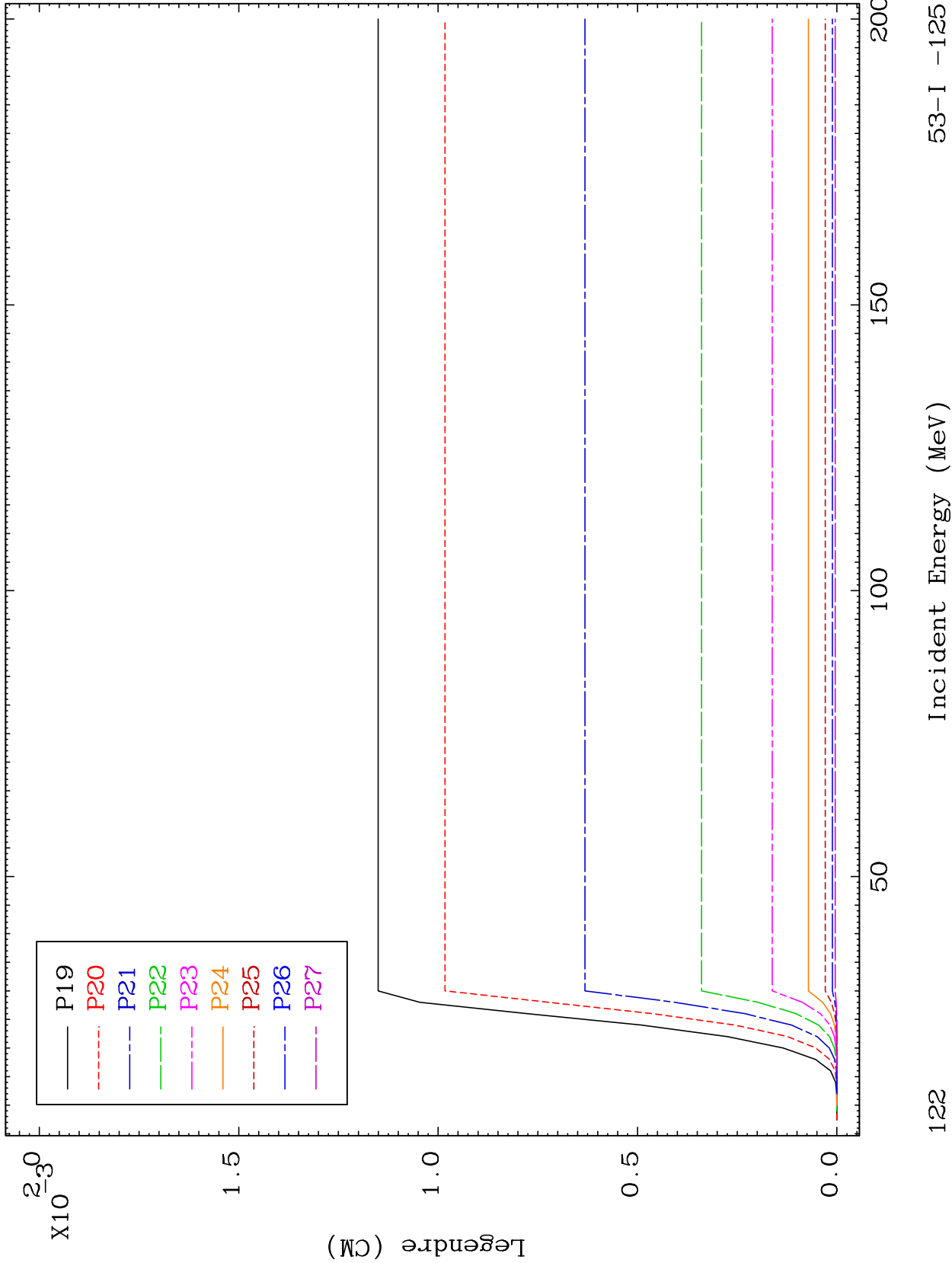
120

MAT 5319

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

53-I -125

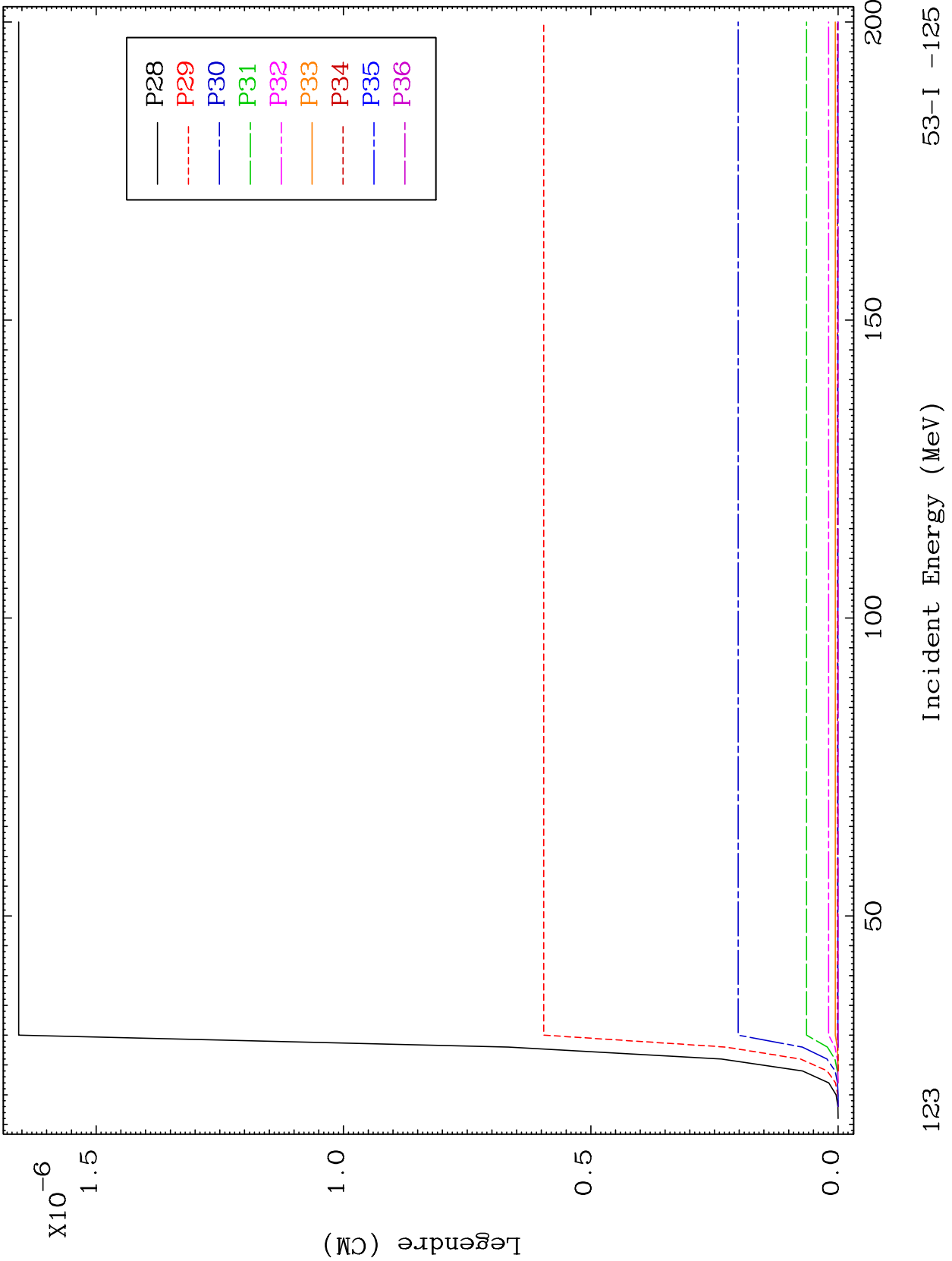




MAT 5319

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

53-I -125



123

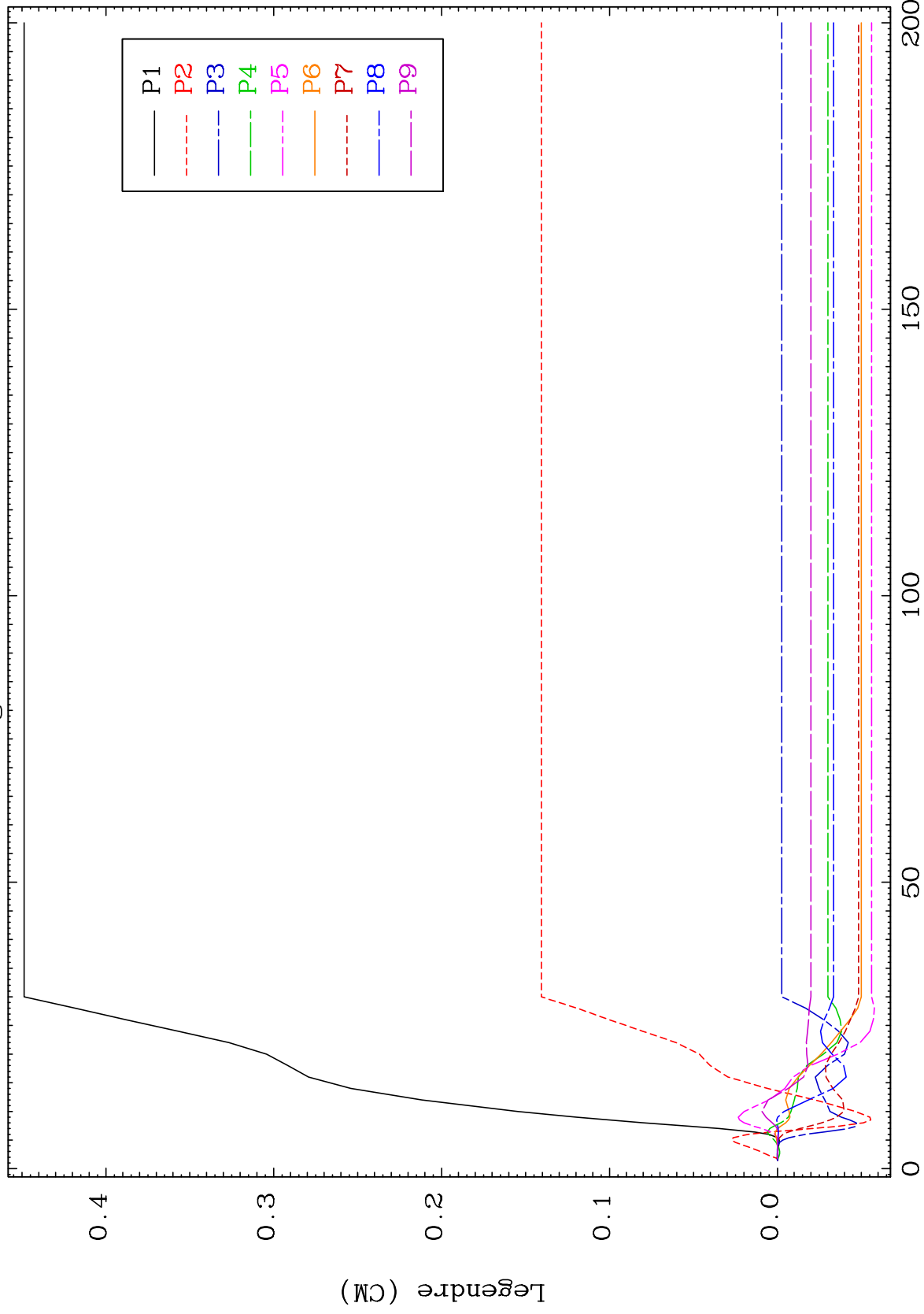
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



124

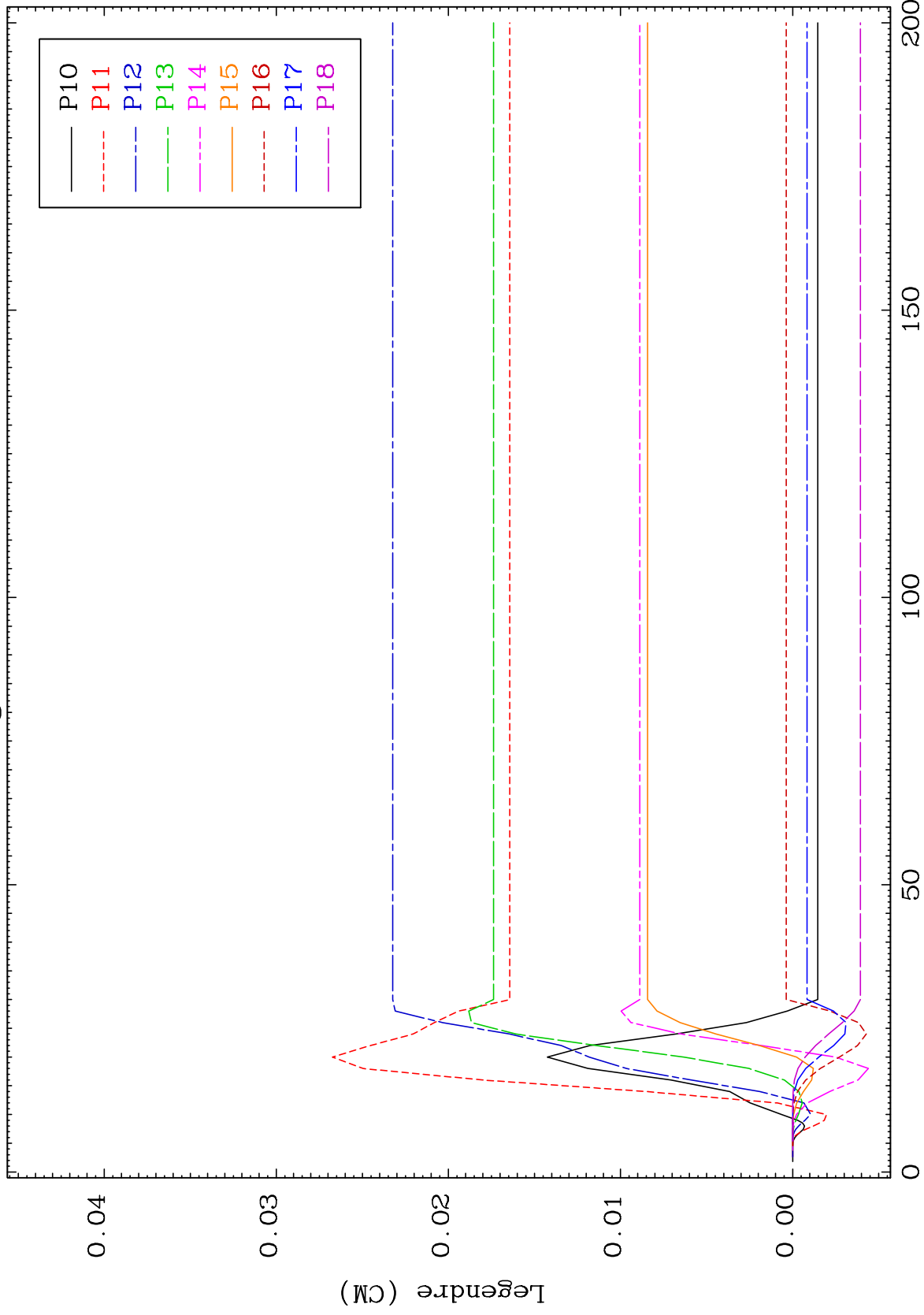
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



125

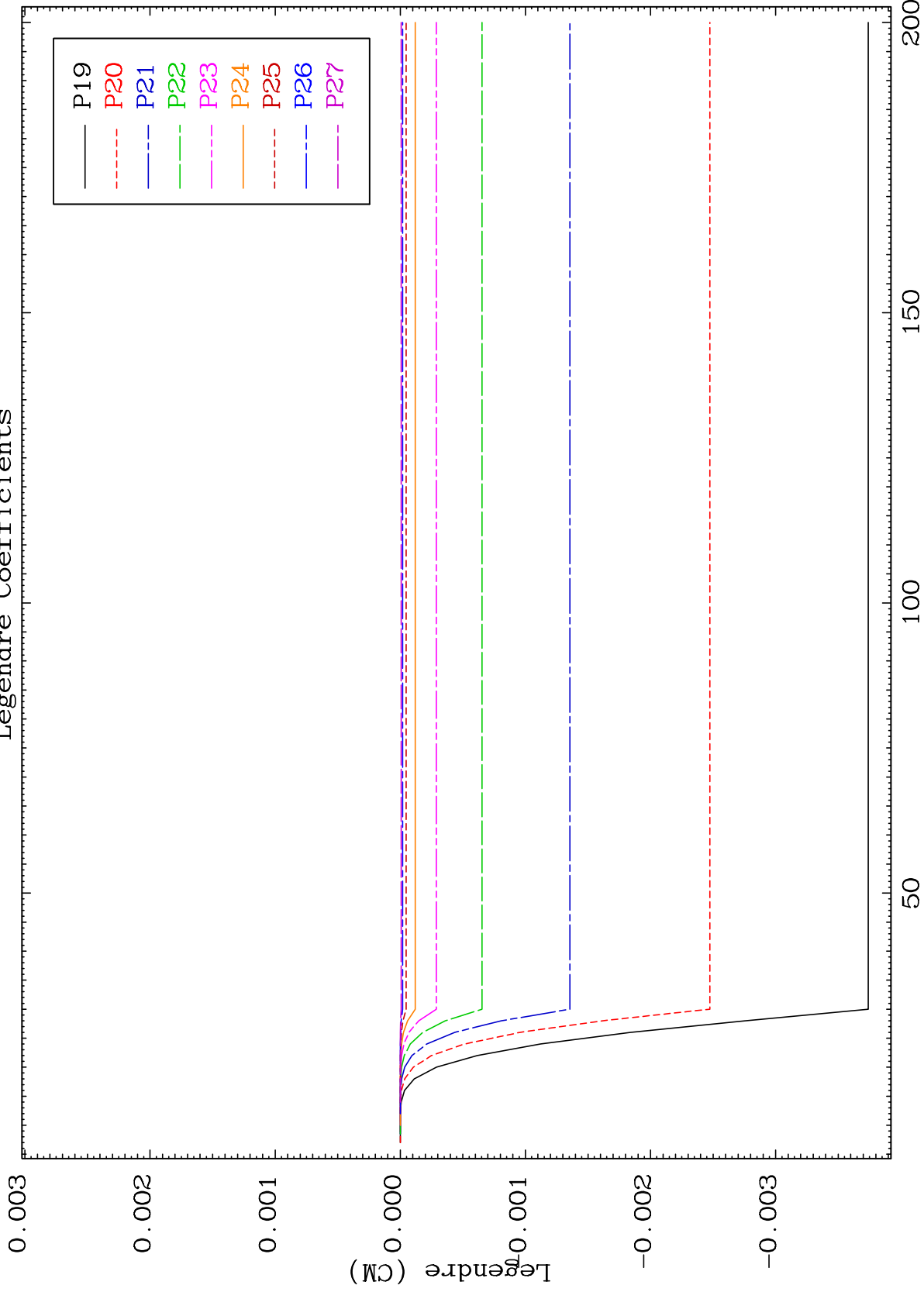
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



126

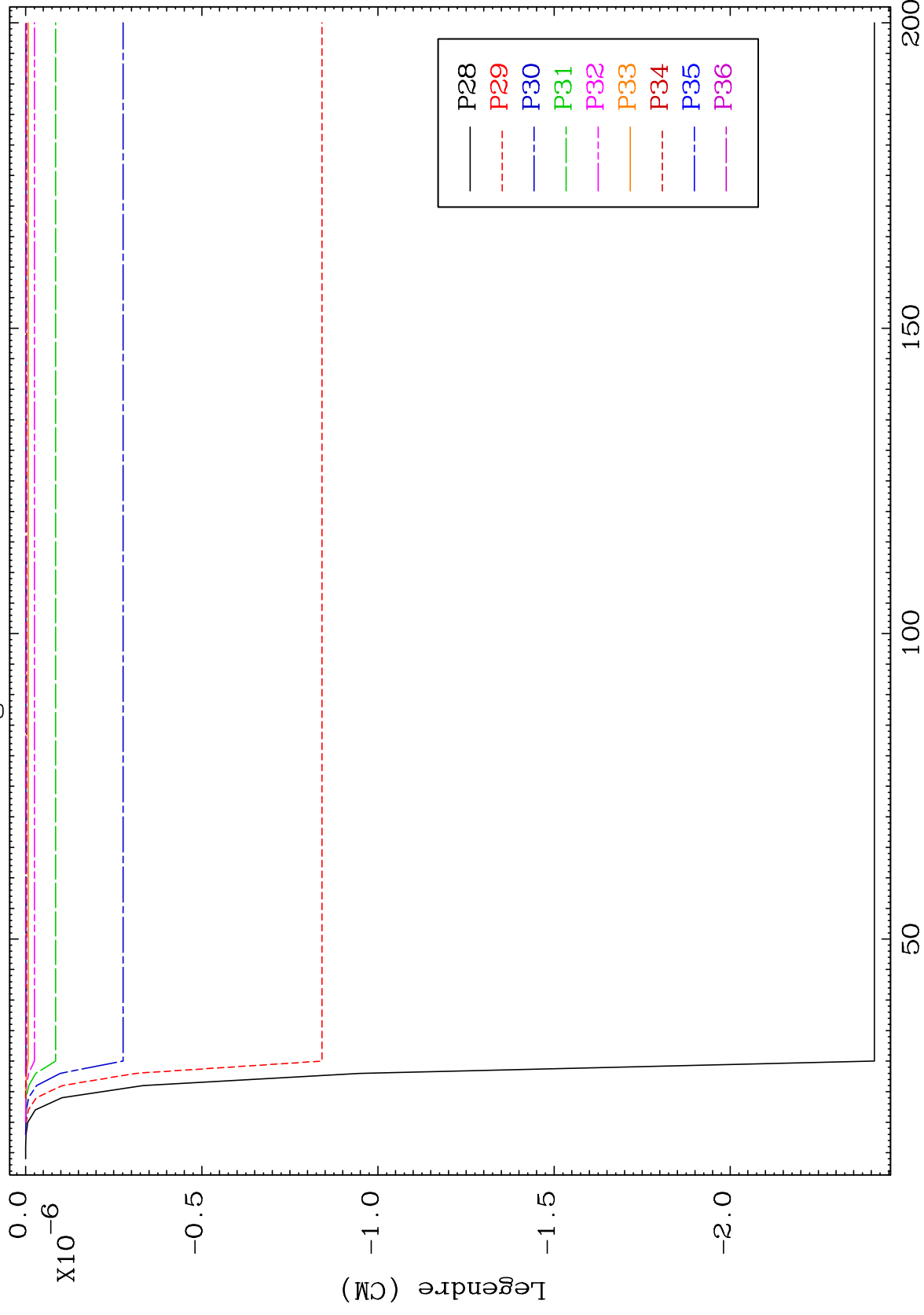
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



127

Incident Energy (MeV)

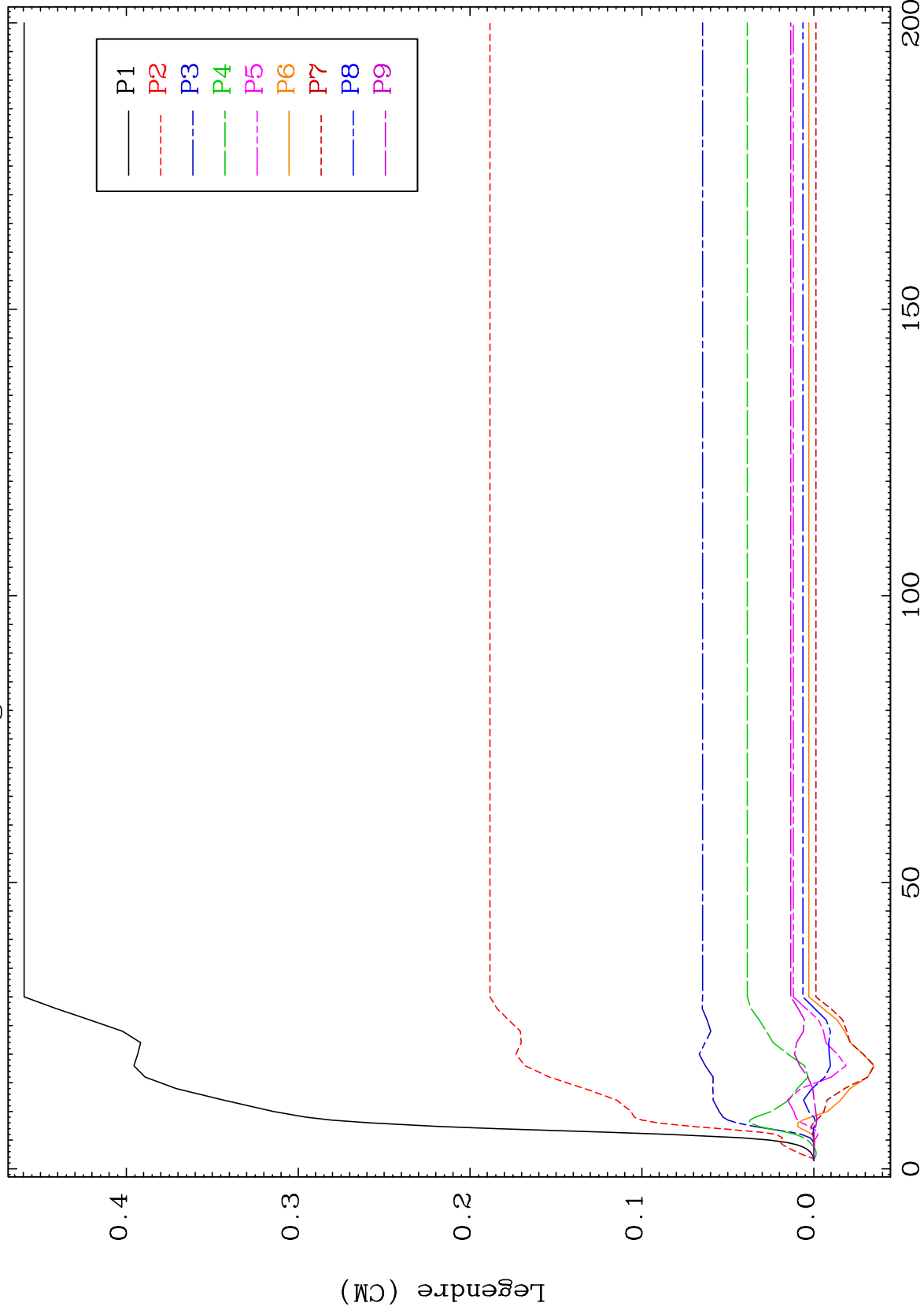
53-I -125



MAT 5319

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

53-I -125



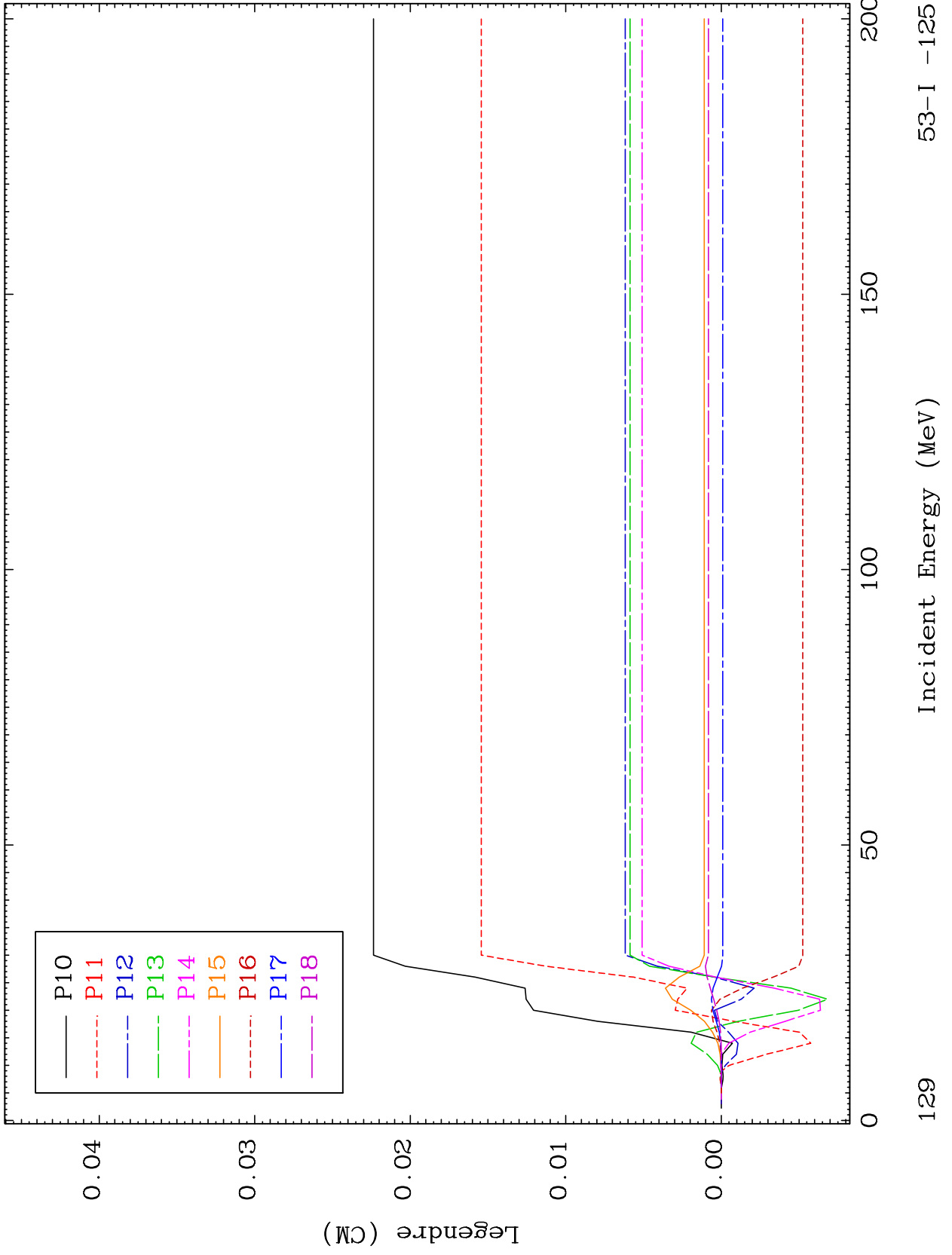
128

53-I -125

MAT 5319

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

53-I -125



129

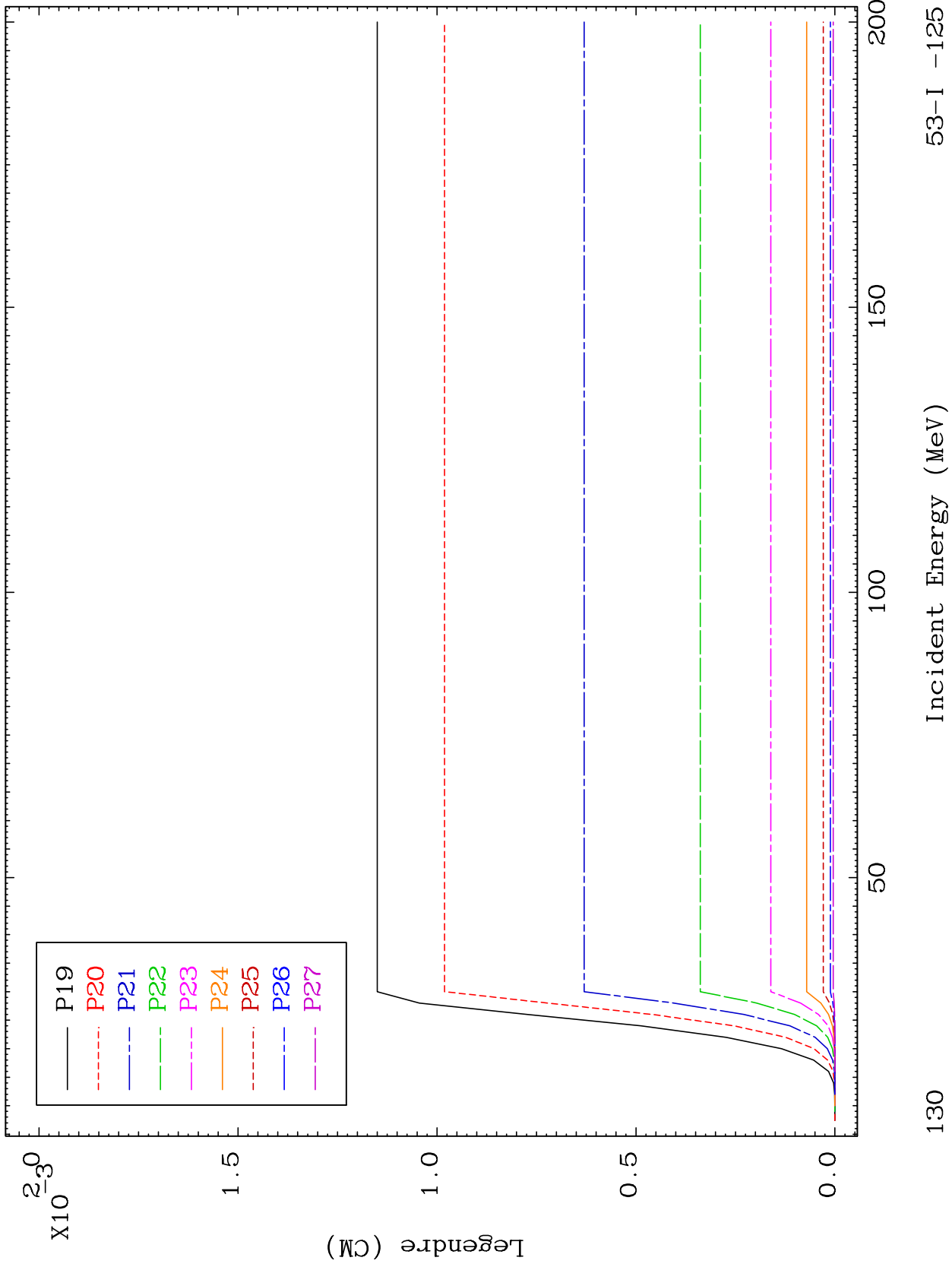
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



130

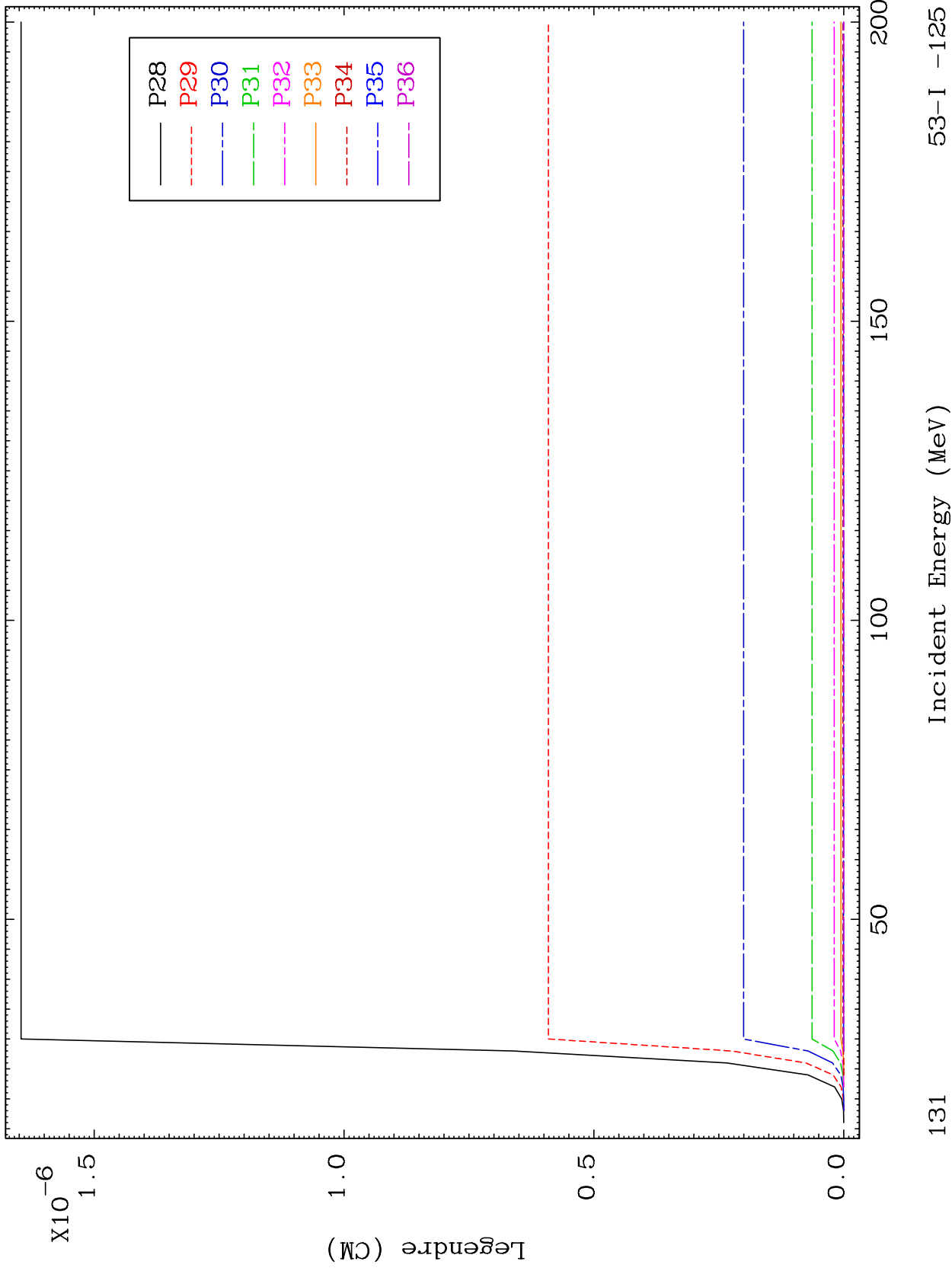
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



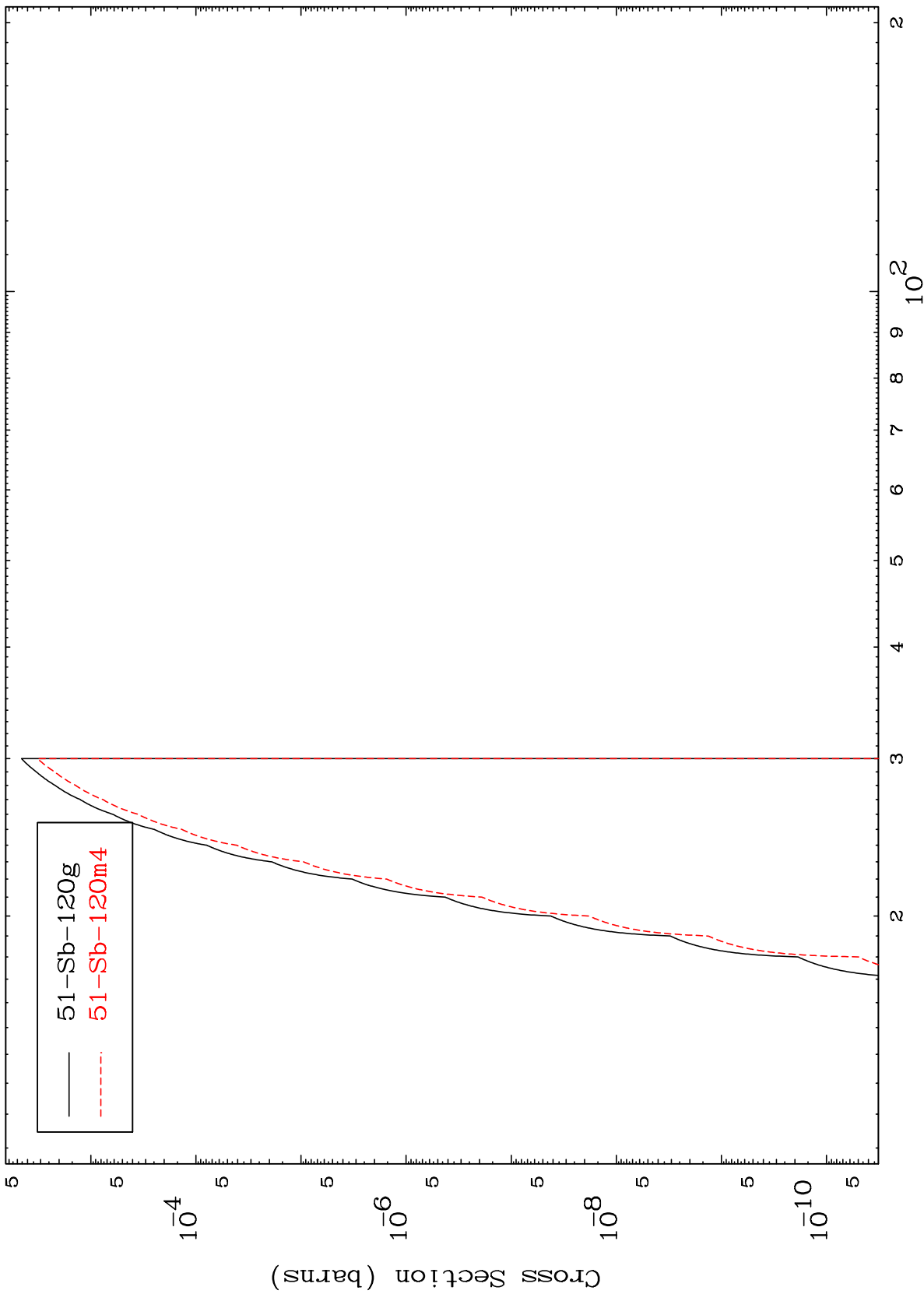
131

MAT 5319

(n,2n)  $\alpha$

53-I -125

Radionuclide Production Cross Section



132

Incident Energy (MeV)

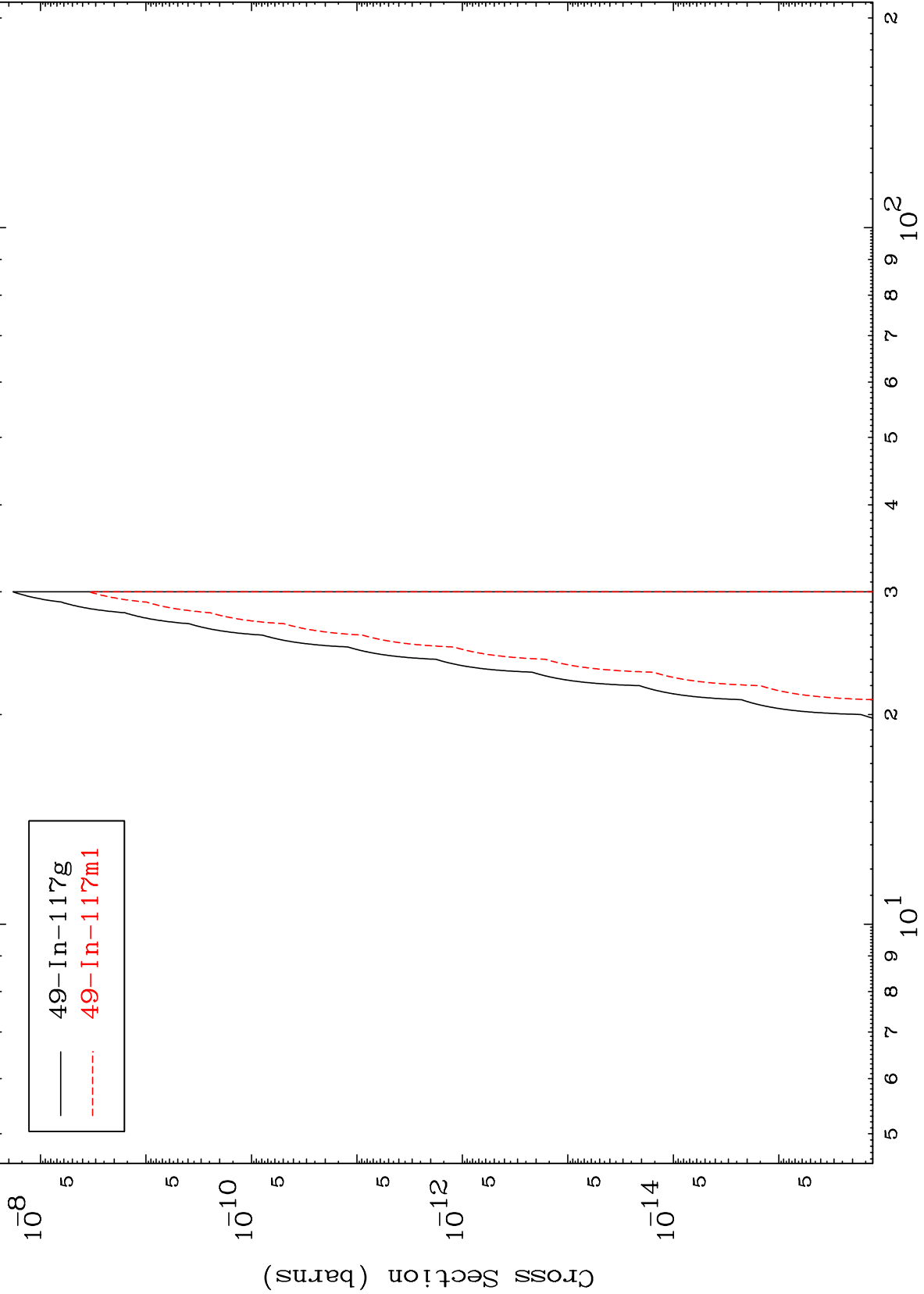
53-I -125

MAT 5319

(n,n') 2α

53-I -125

Radionuclide Production Cross Section

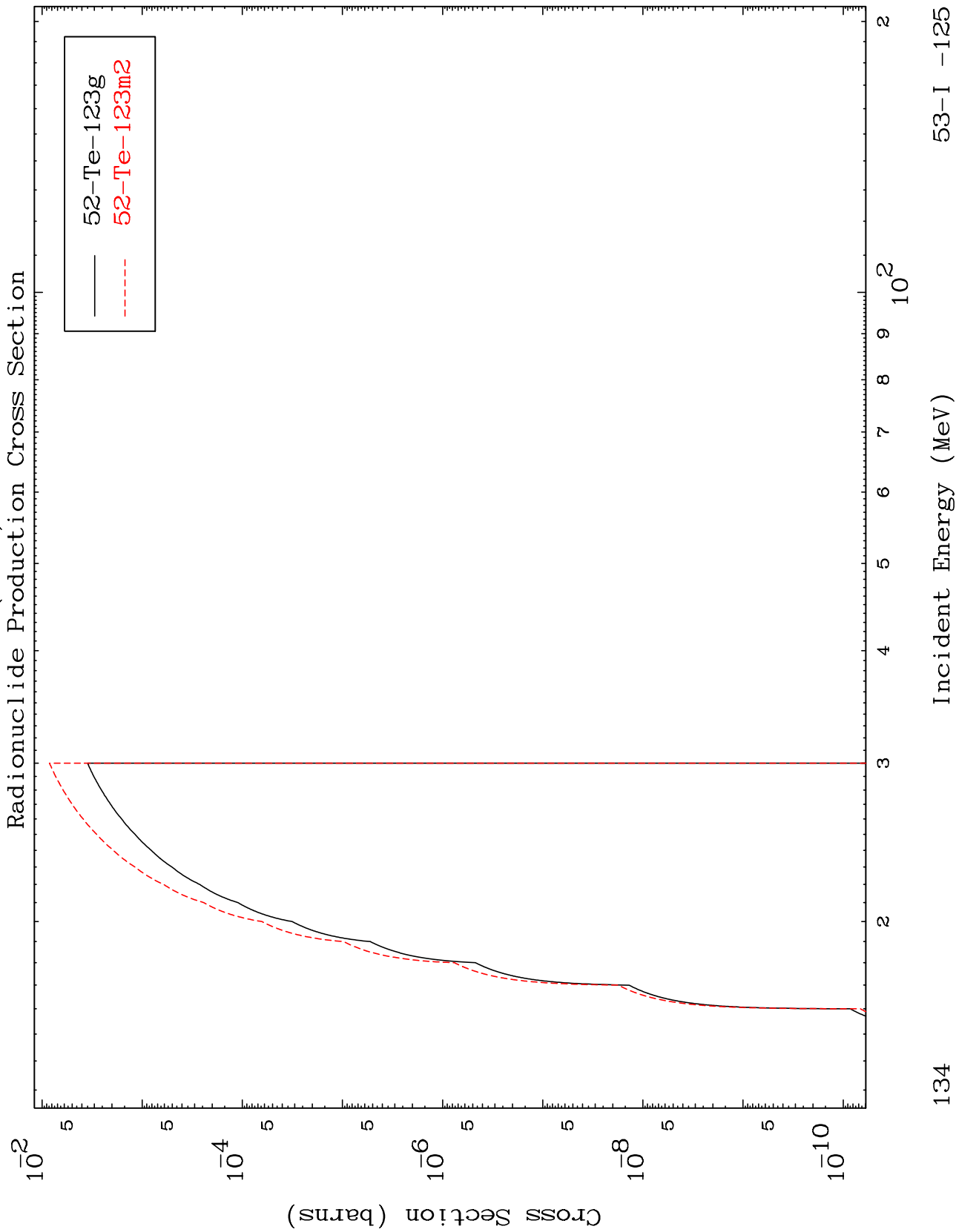


— 49-In-117g  
- - - 49-In-117m1

133

Incident Energy (MeV)

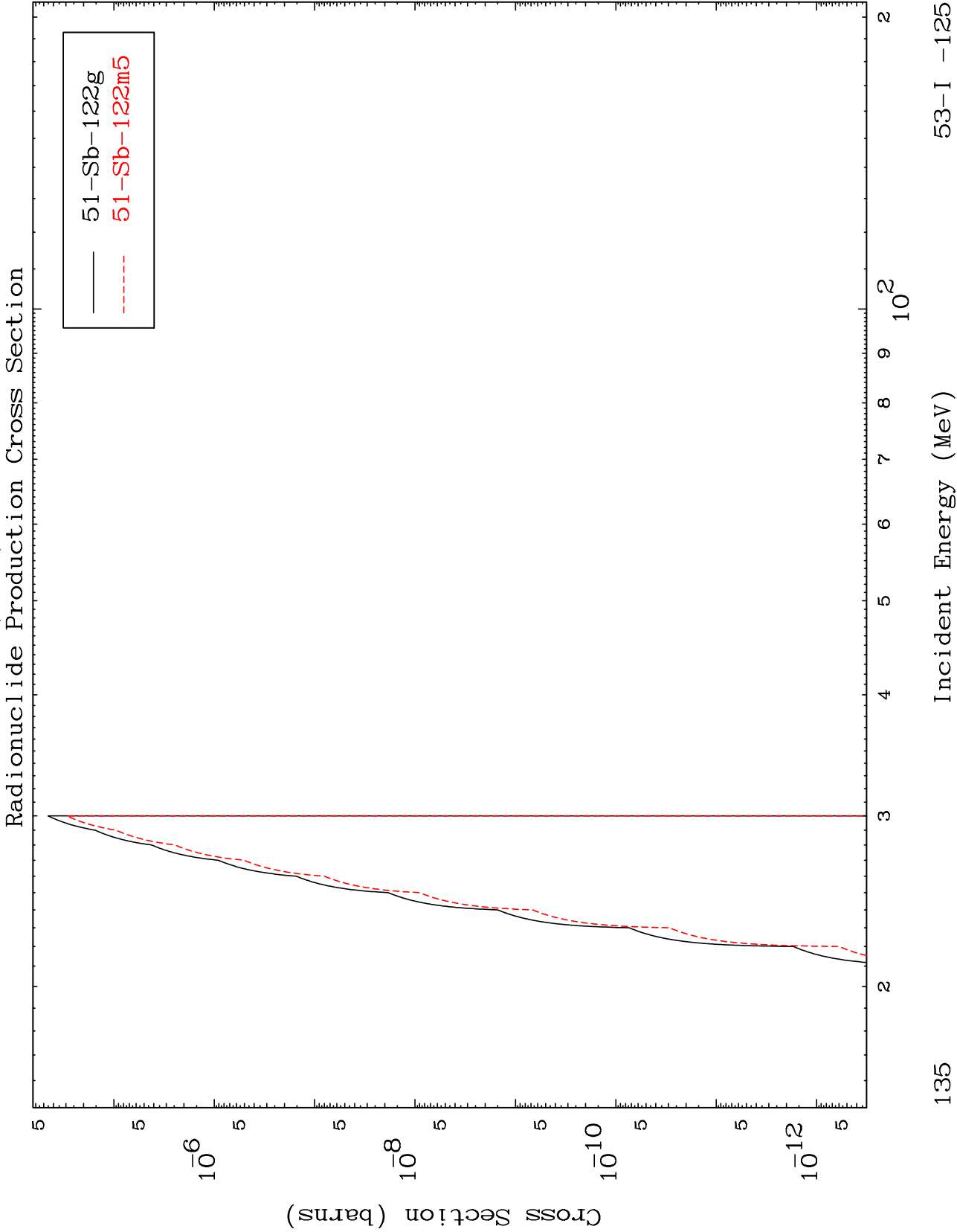
53-I -125



MAT 5319

(n,n') He-3

53-I -125



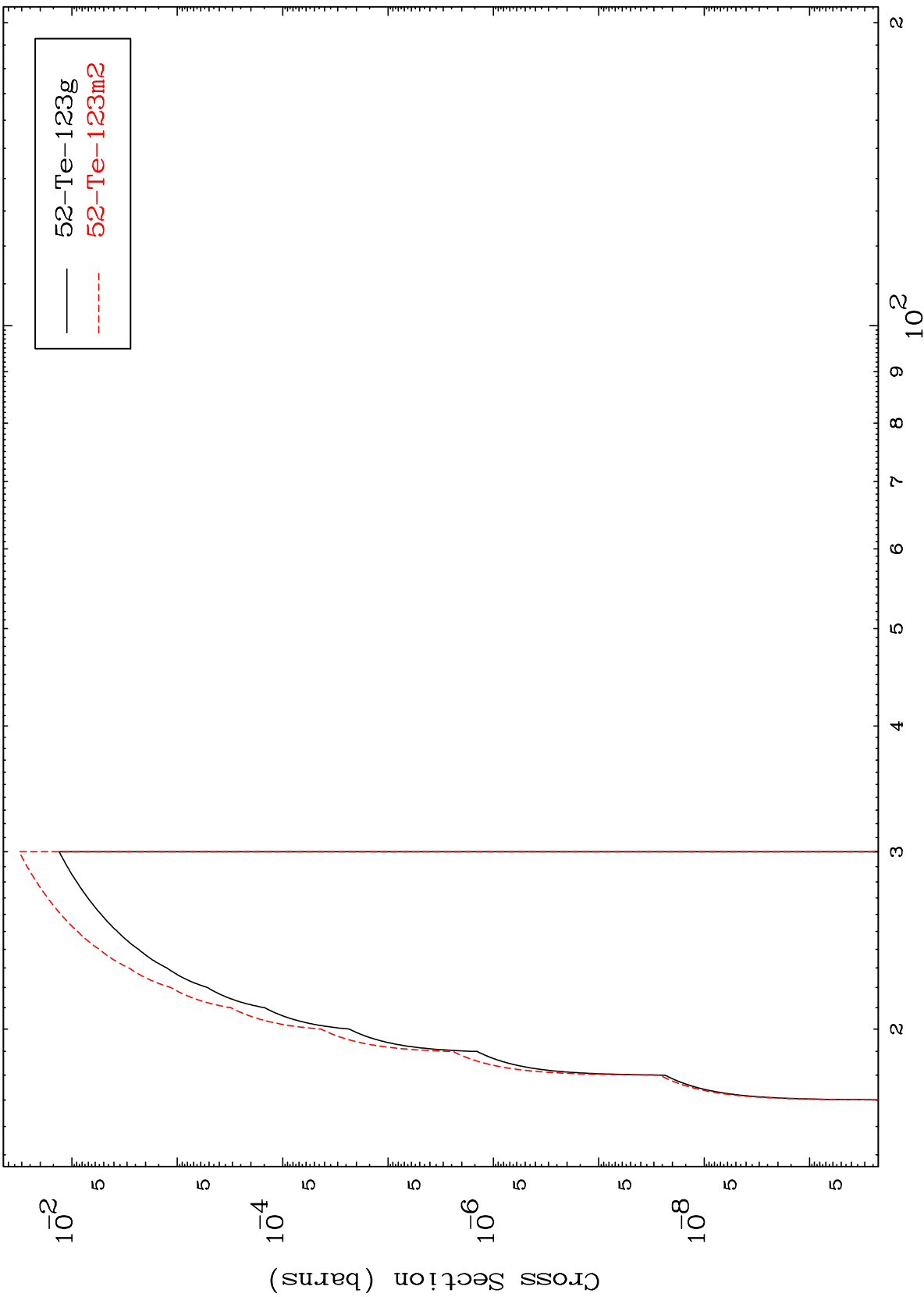
135

Incident Energy (MeV)

53-I -125



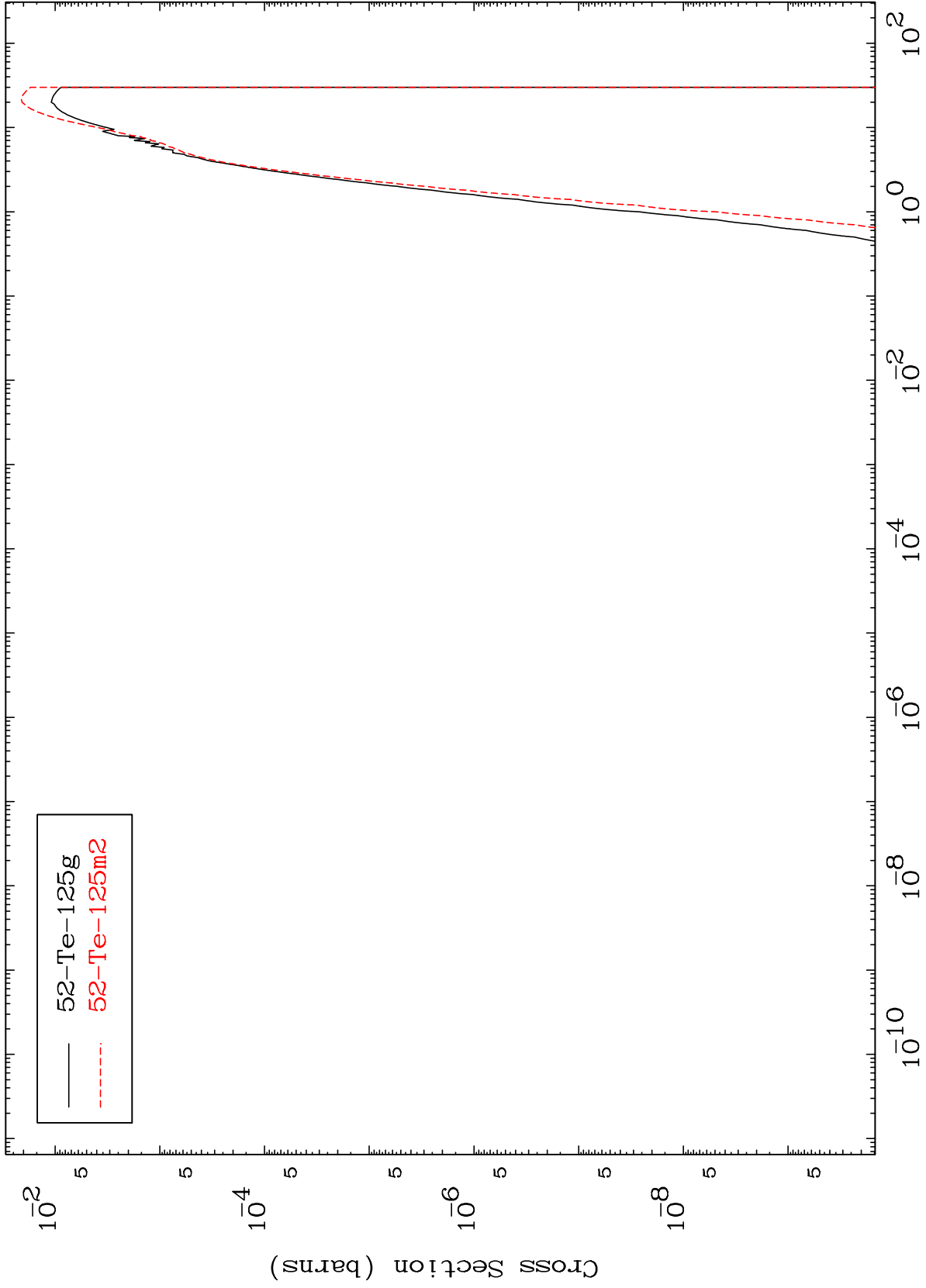
Radionuclide Production Cross Section



MAT 5319

53-I -125

(n,p)  
Radionuclide Production Cross Section



— 52-Te-125g  
- - - 52-Te-125m2

53-I -125

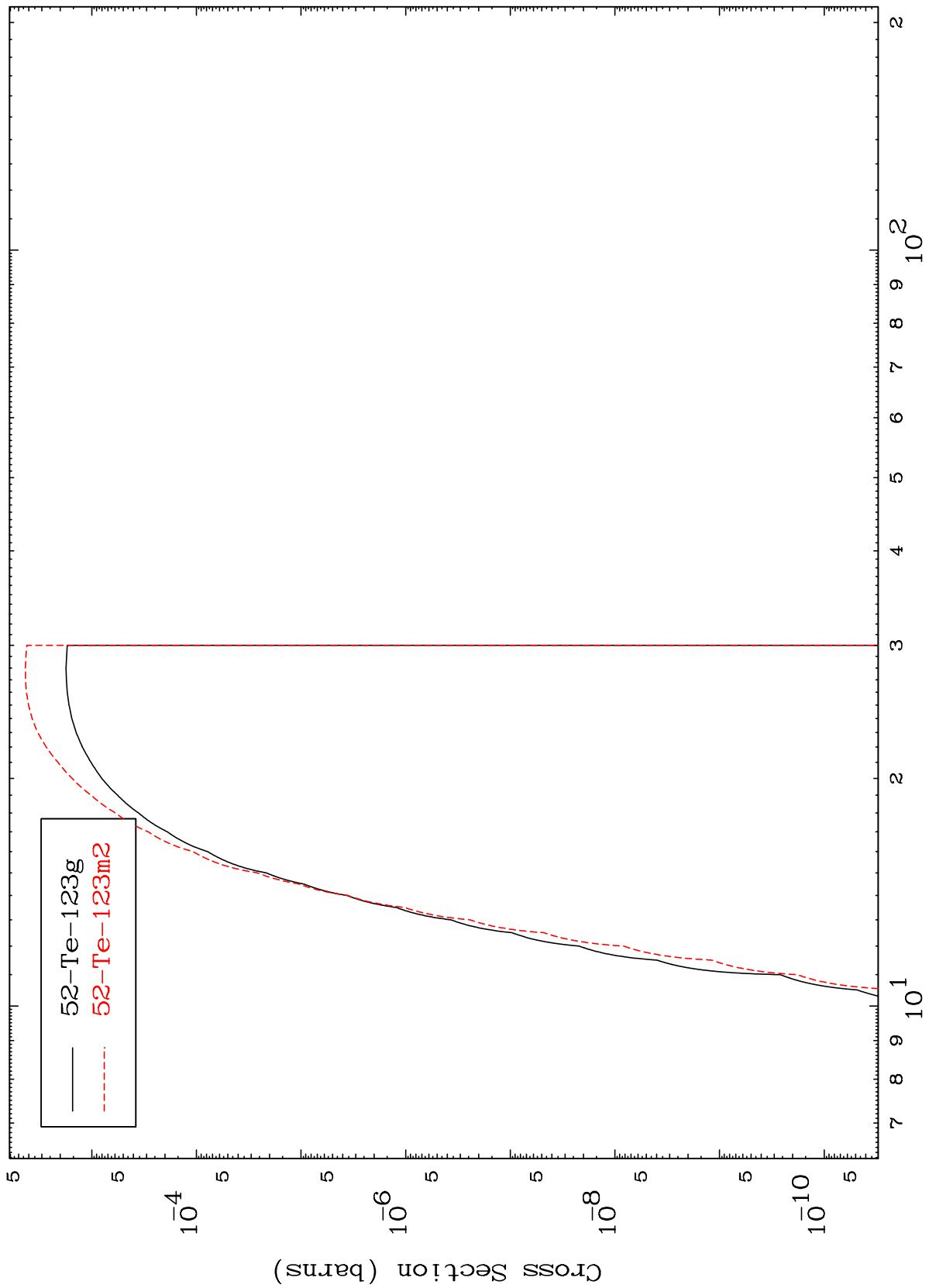
Incident Energy (MeV)

137

MAT 5319

53-I -125

(n,t)  
Radionuclide Production Cross Section



52-Te-123g  
52-Te-123m2

138

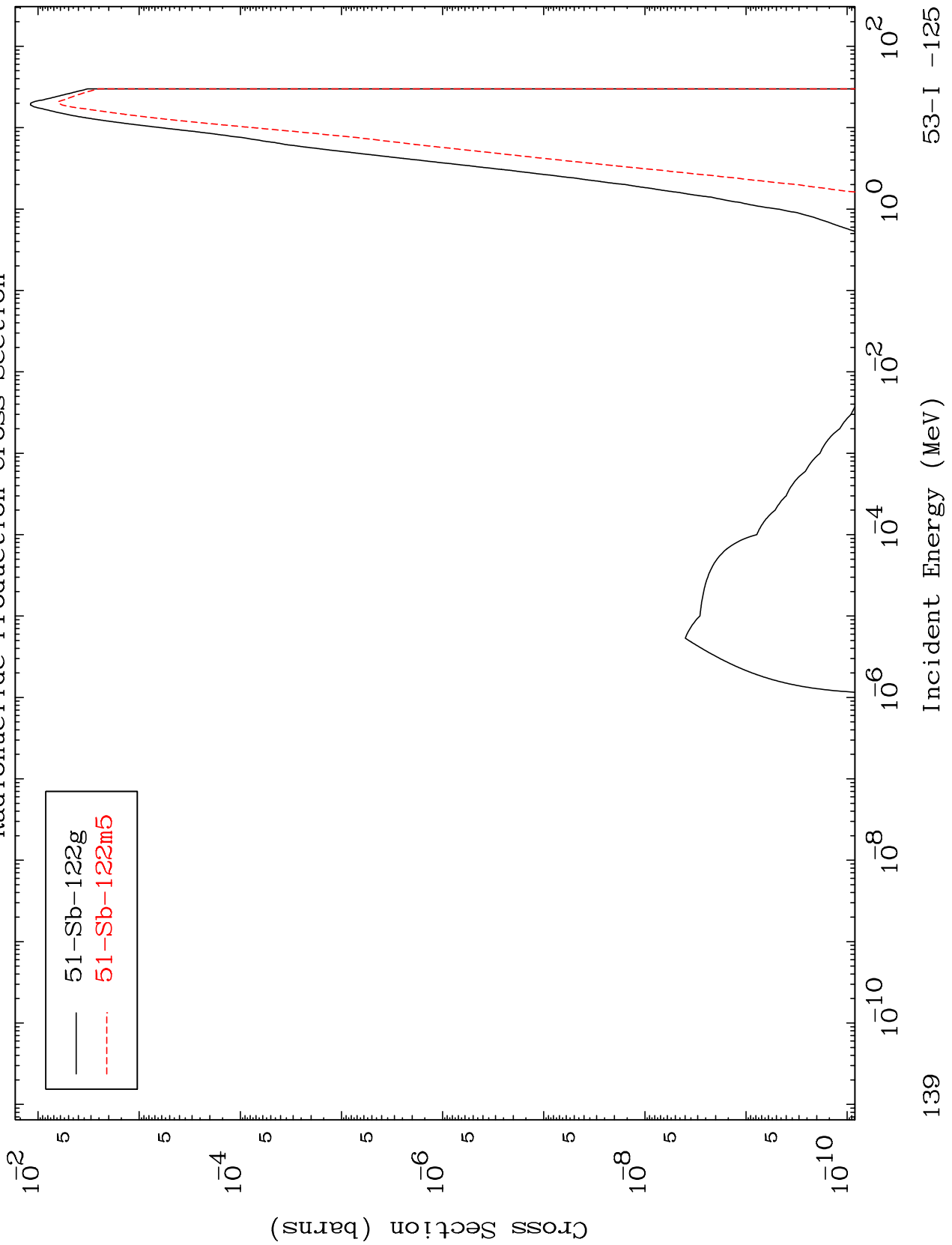
Incident Energy (MeV)

53-I -125

MAT 5319

53-I -125

Radionuclide Production Cross Section

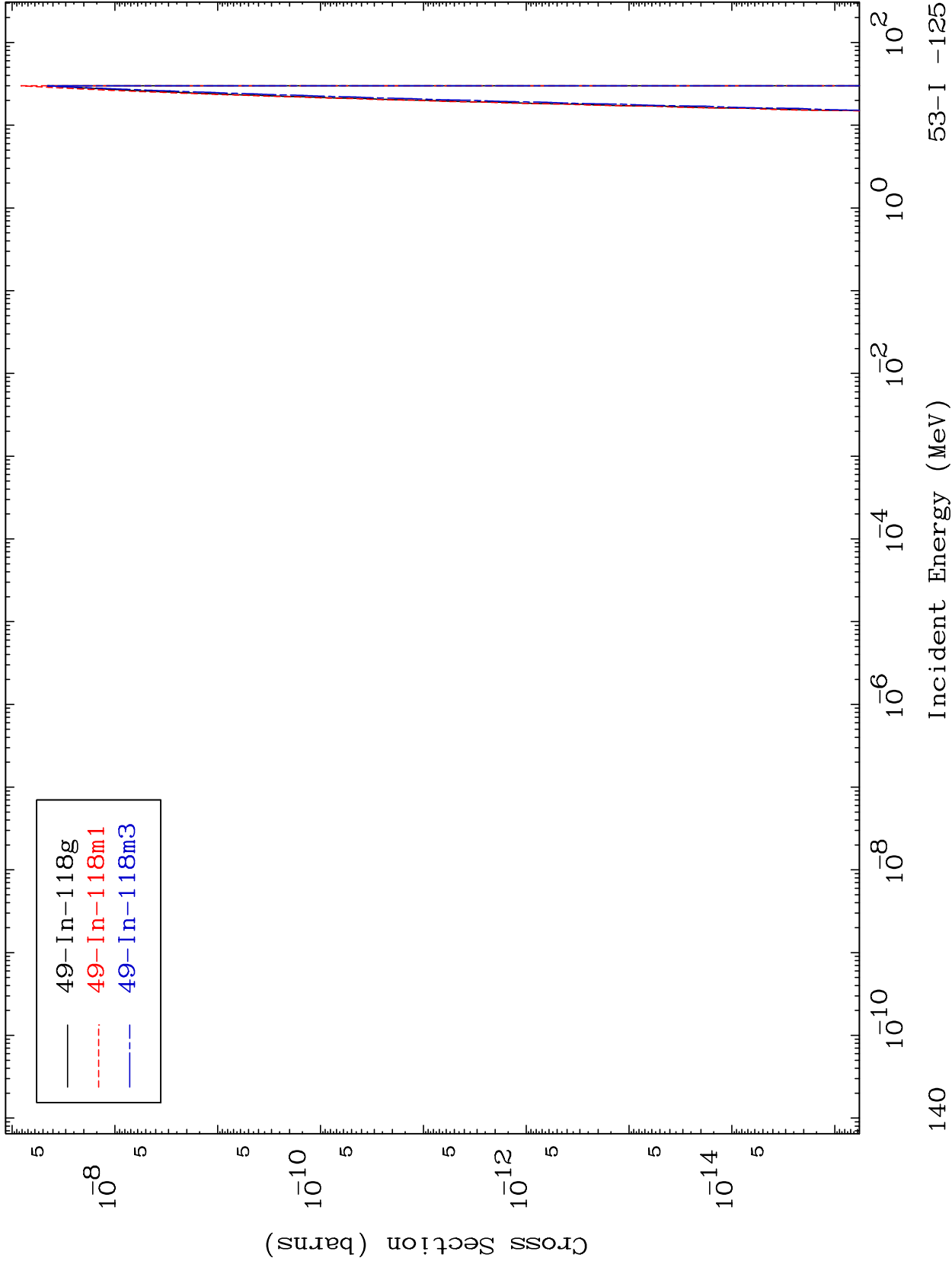


MAT 5319

(n,2α)

53-I -125

Radionuclide Production Cross Section



140

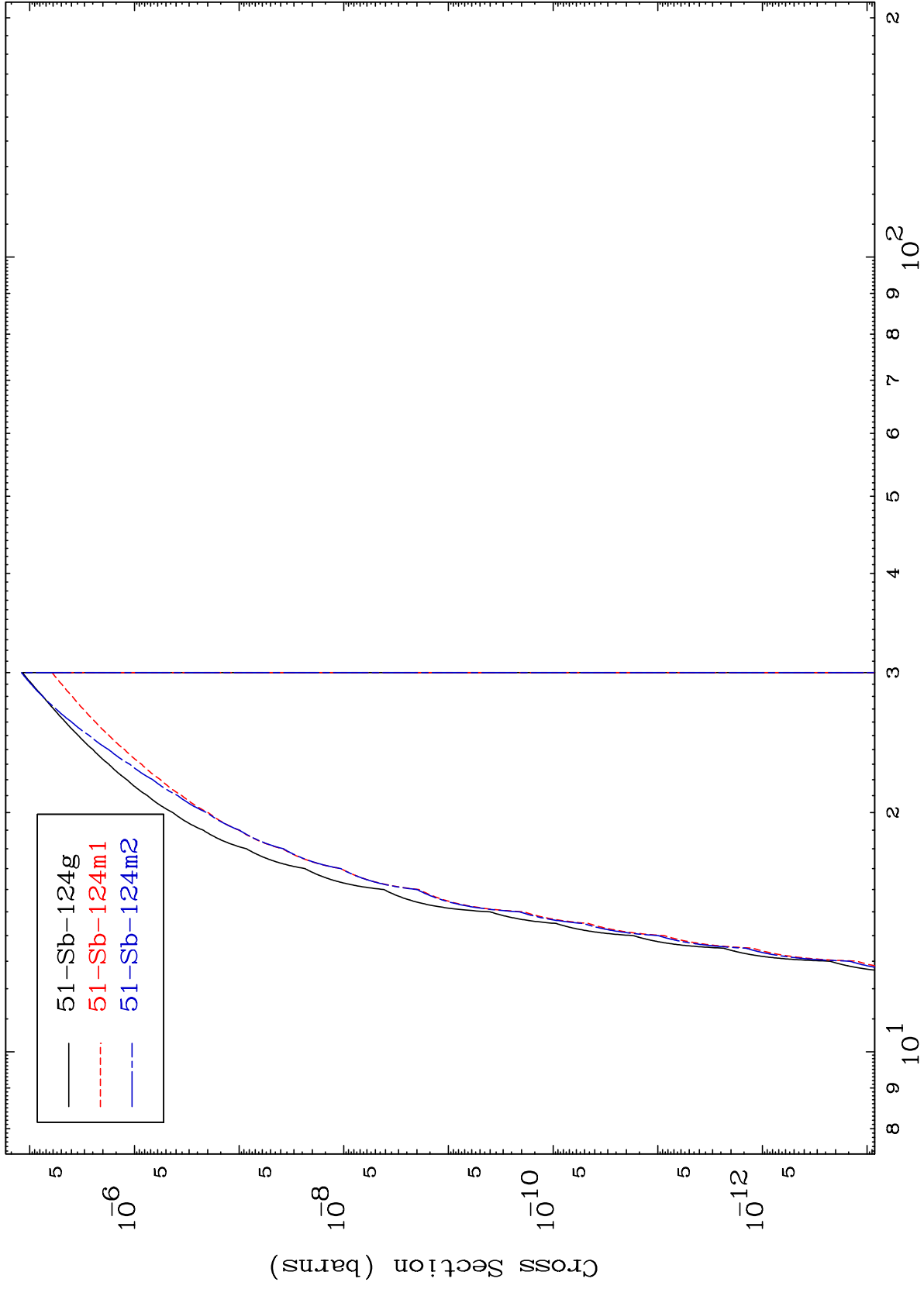
Incident Energy (MeV)

53-I -125

MAT 5319

53-I -125

(n,2p)  
Radionuclide Production Cross Section



51-Sb-124g  
51-Sb-124m1  
51-Sb-124m2

53-I -125

Incident Energy (MeV)

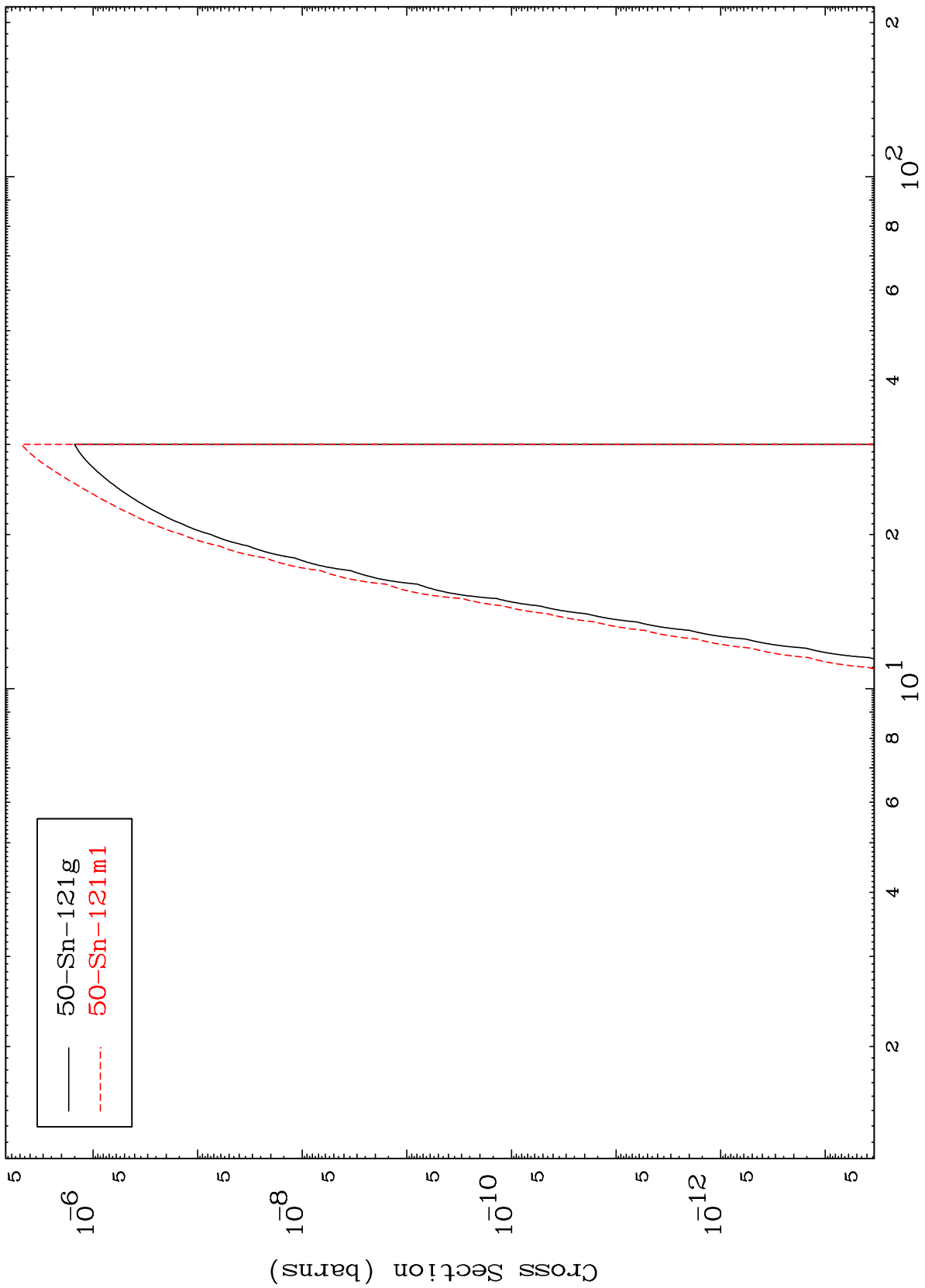
141

MAT 5319

(n,p)  $\alpha$

53-I -125

Radionuclide Production Cross Section



142

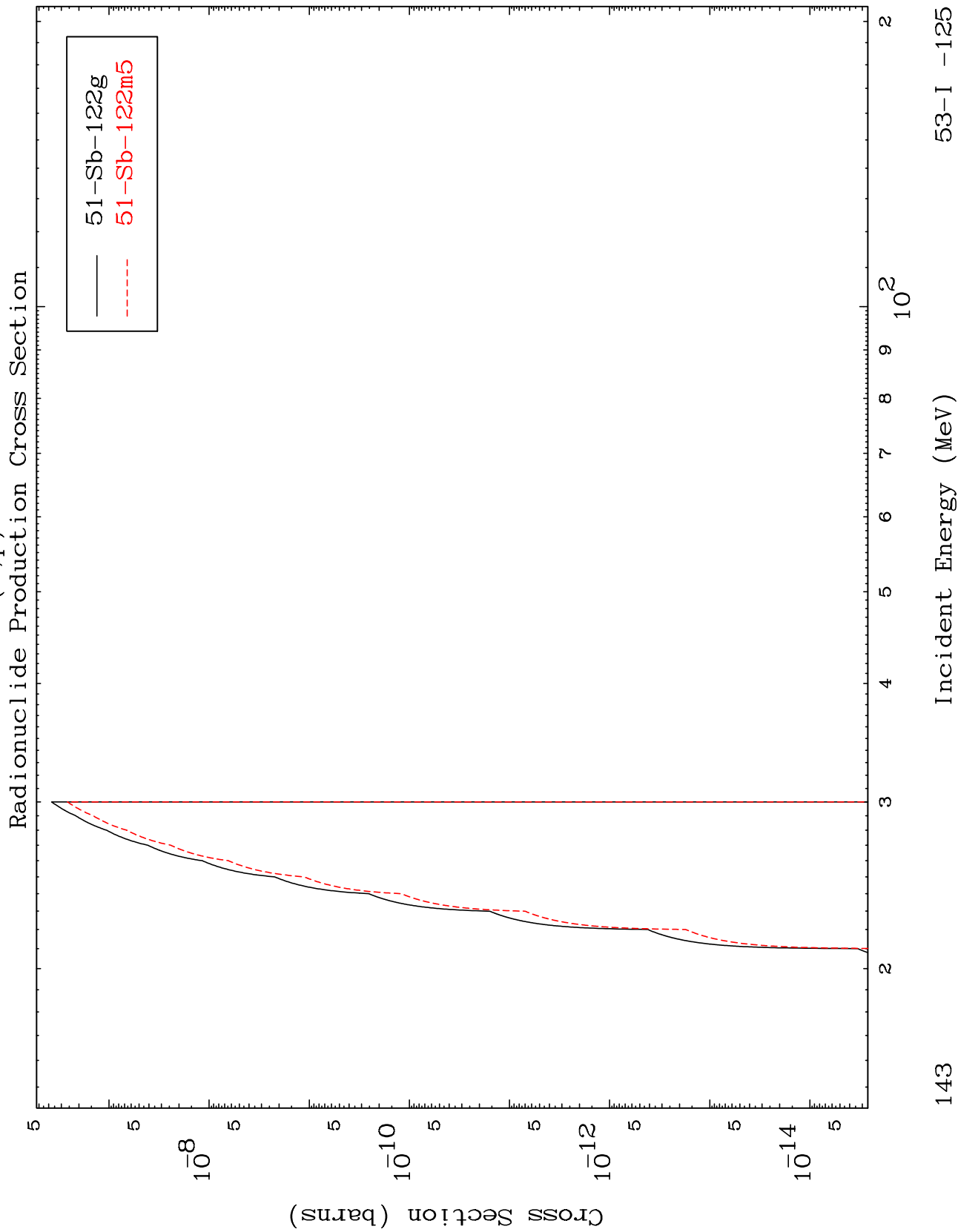
Incident Energy (MeV)

53-I -125

MAT 5319

(n,p) t

53-I -125



143

53-I -125