

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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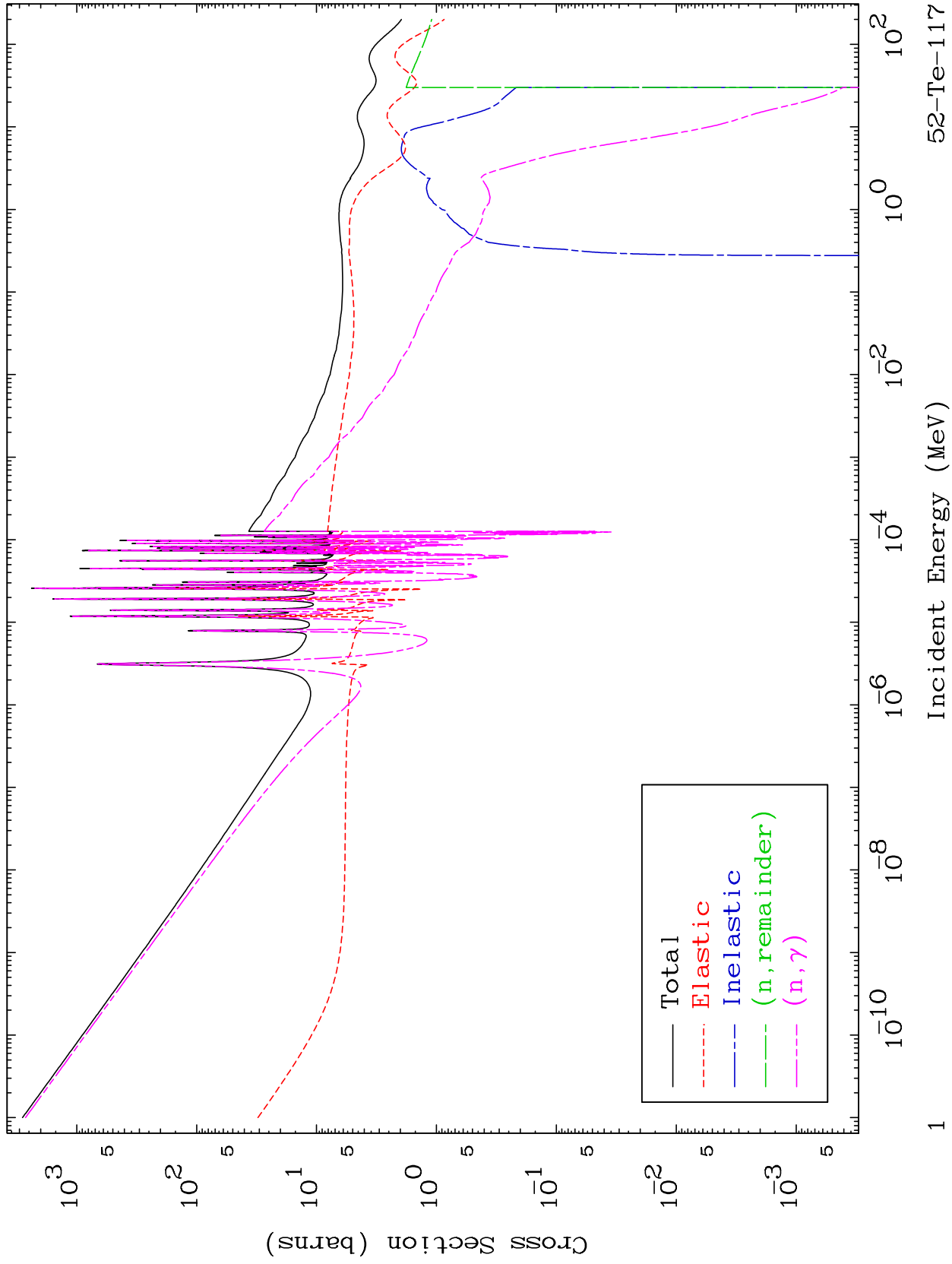
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5216

Major  
293 Kelvin Cross Sections

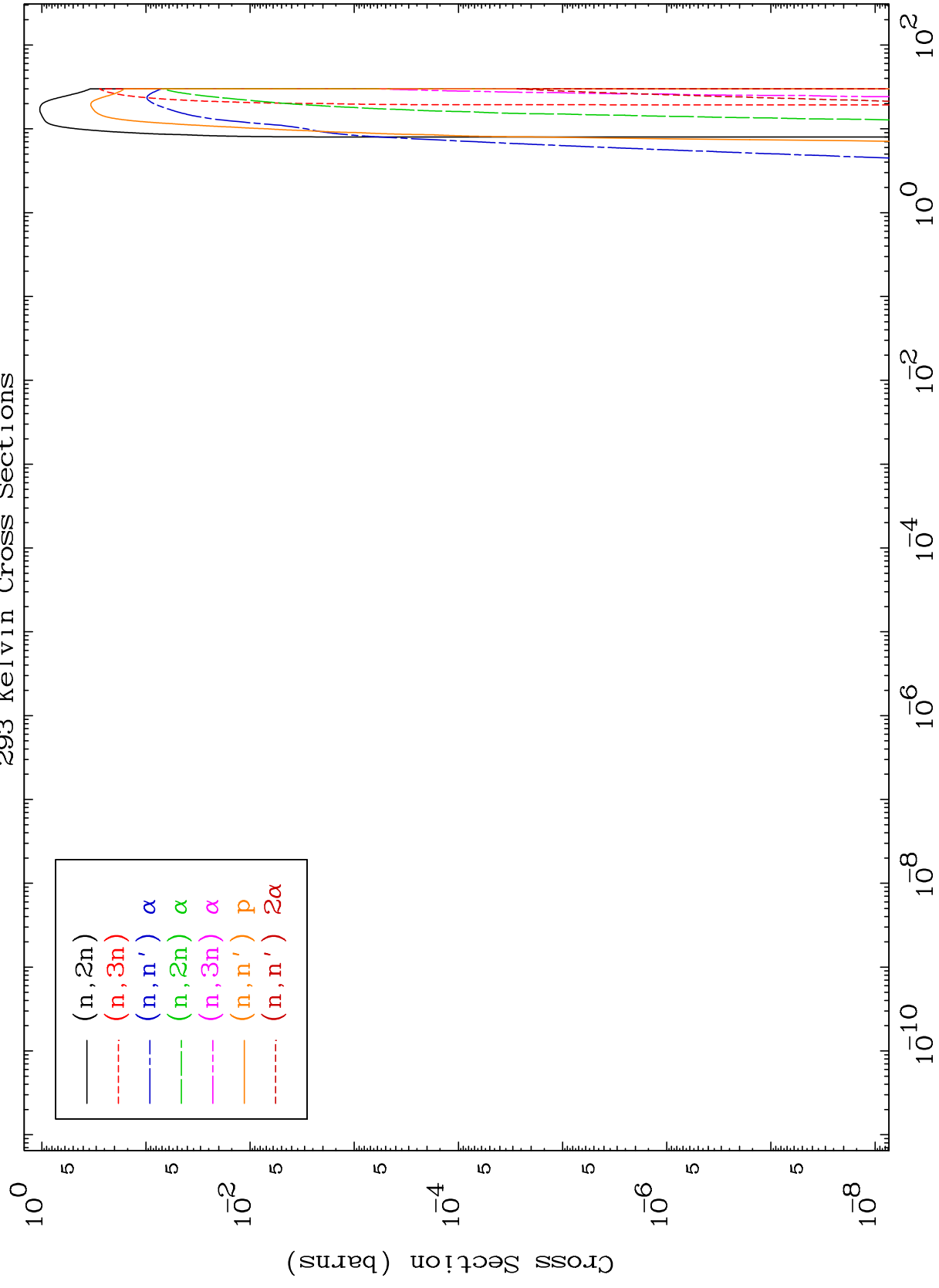
52-Te-117



MAT 5216

Neutron Production  
293 Kelvin Cross Sections

52-Te-117

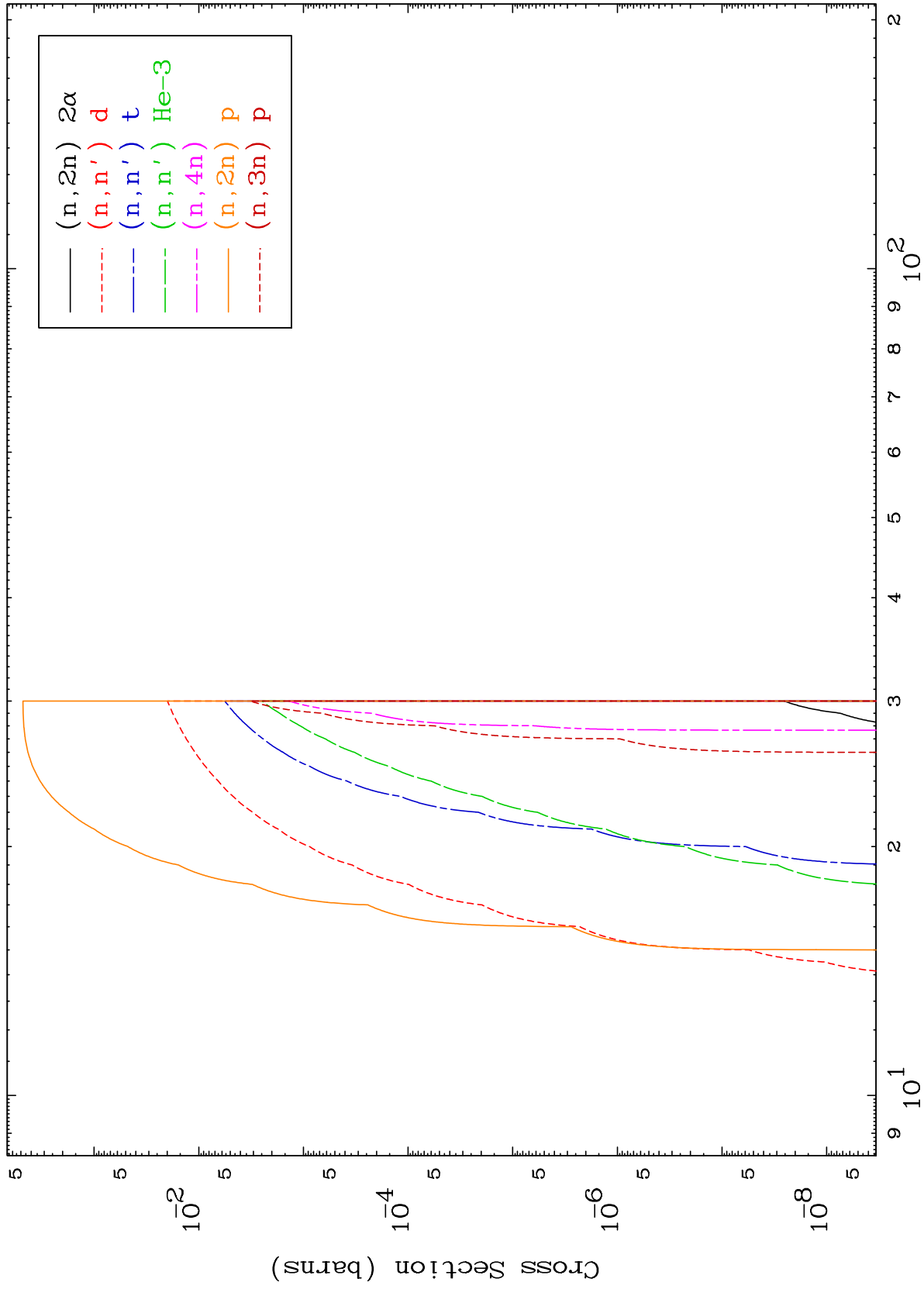


52-Te-117

MAT 5216

Neutron Production  
293 Kelvin Cross Sections

52-Te-117



52-Te-117

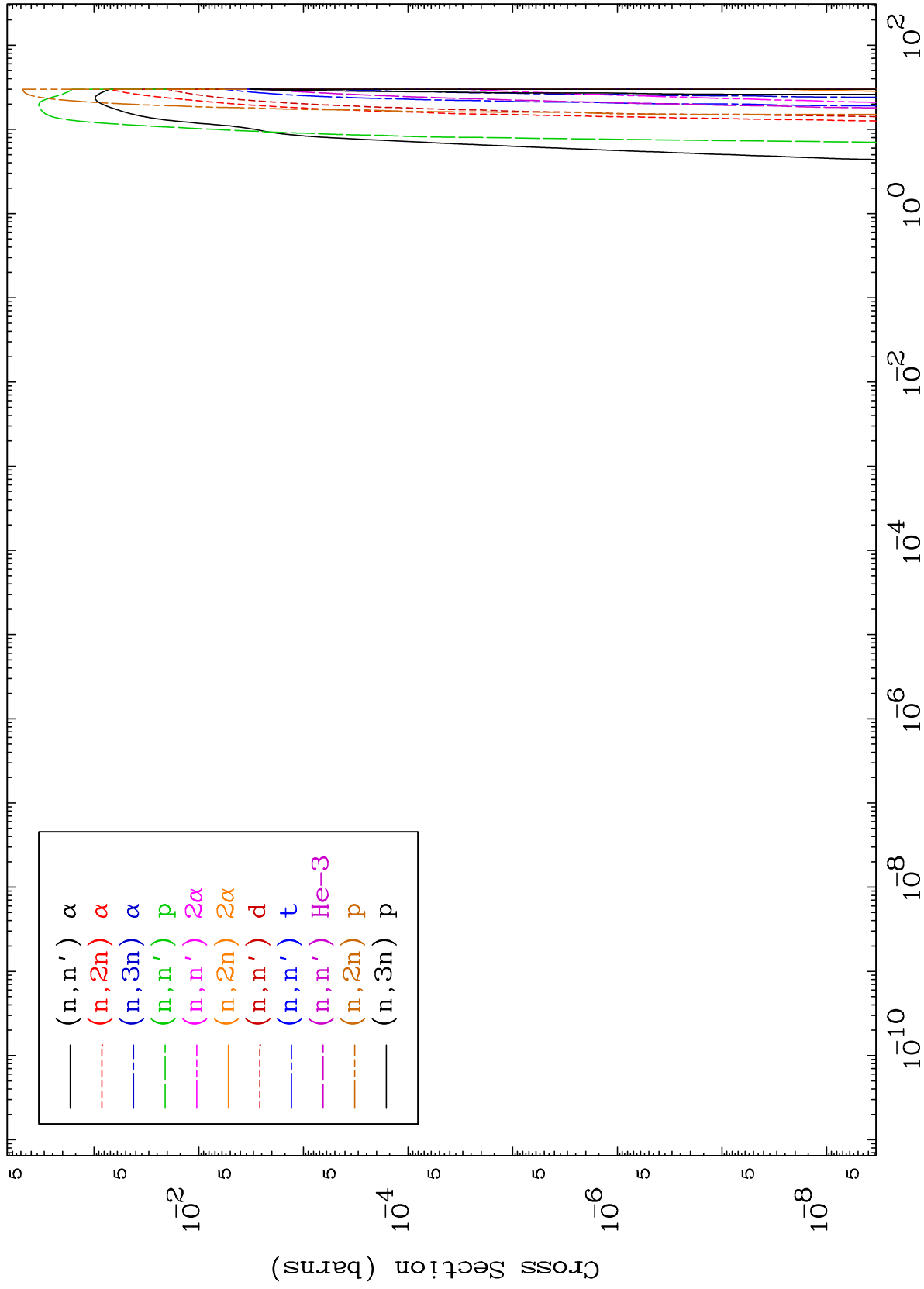
Incident Energy (MeV)

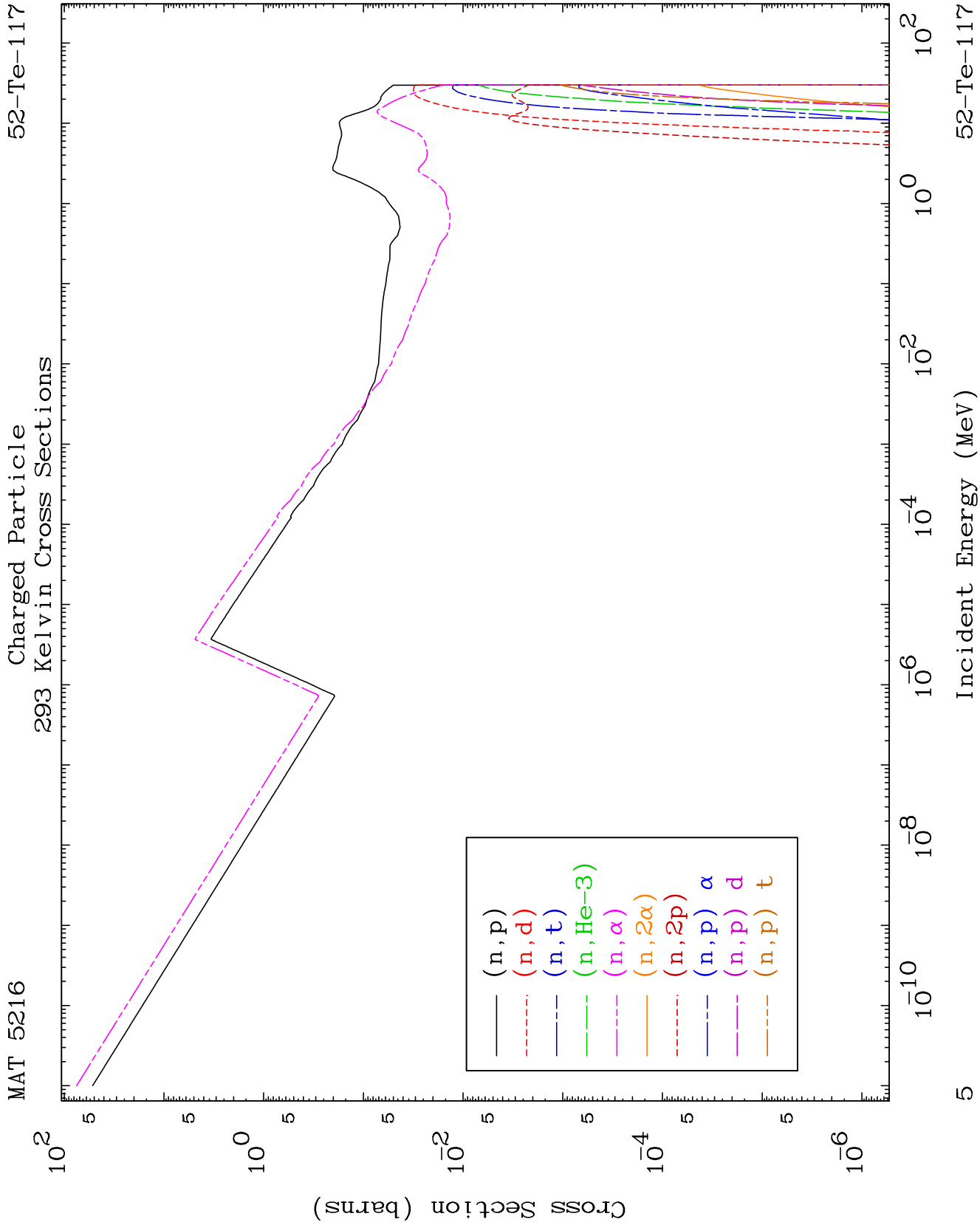
3

MAT 5216

293 Kelvin Cross Sections

52-Te-117

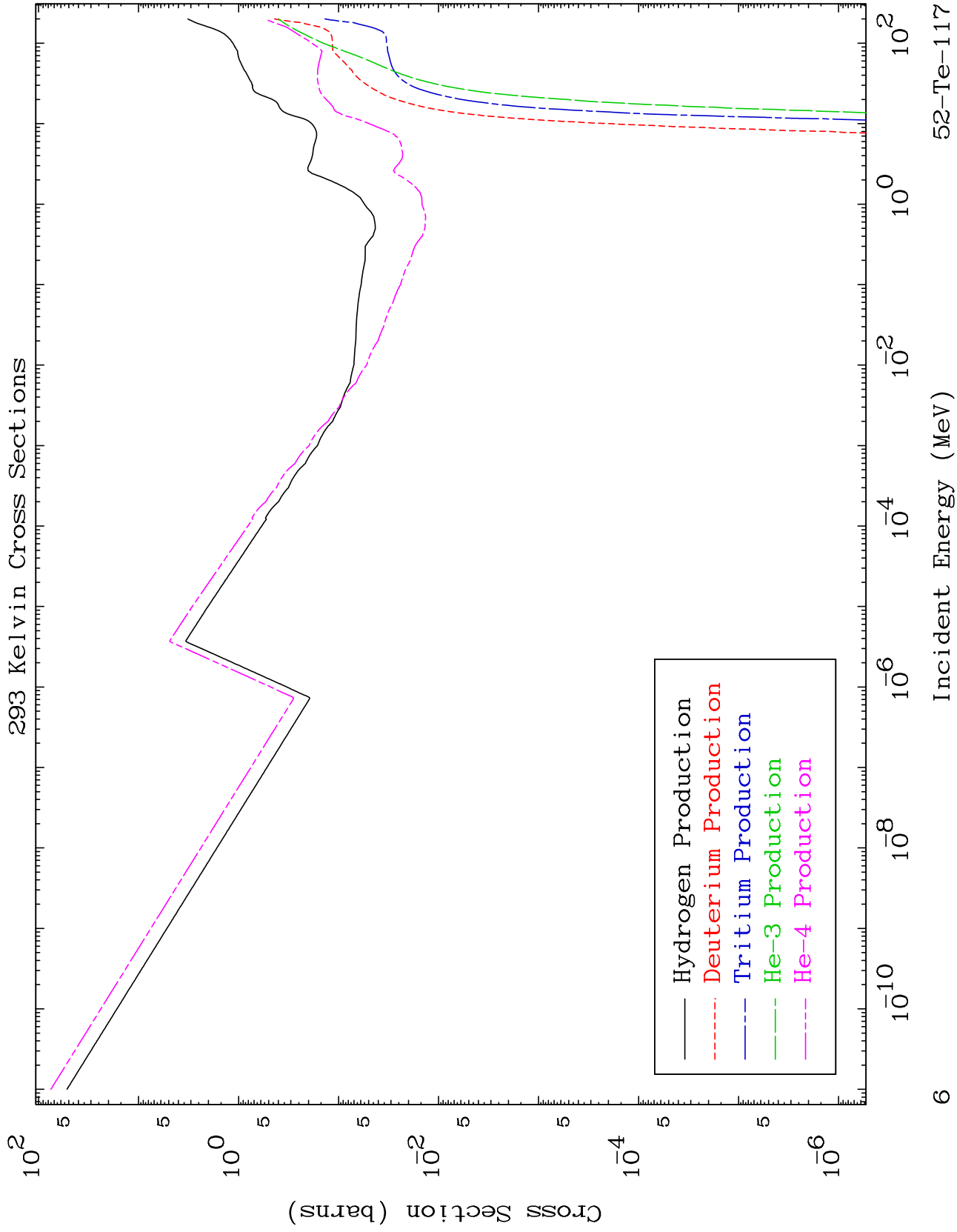




MAT 5216

Particle Production  
293 Kelvin Cross Sections

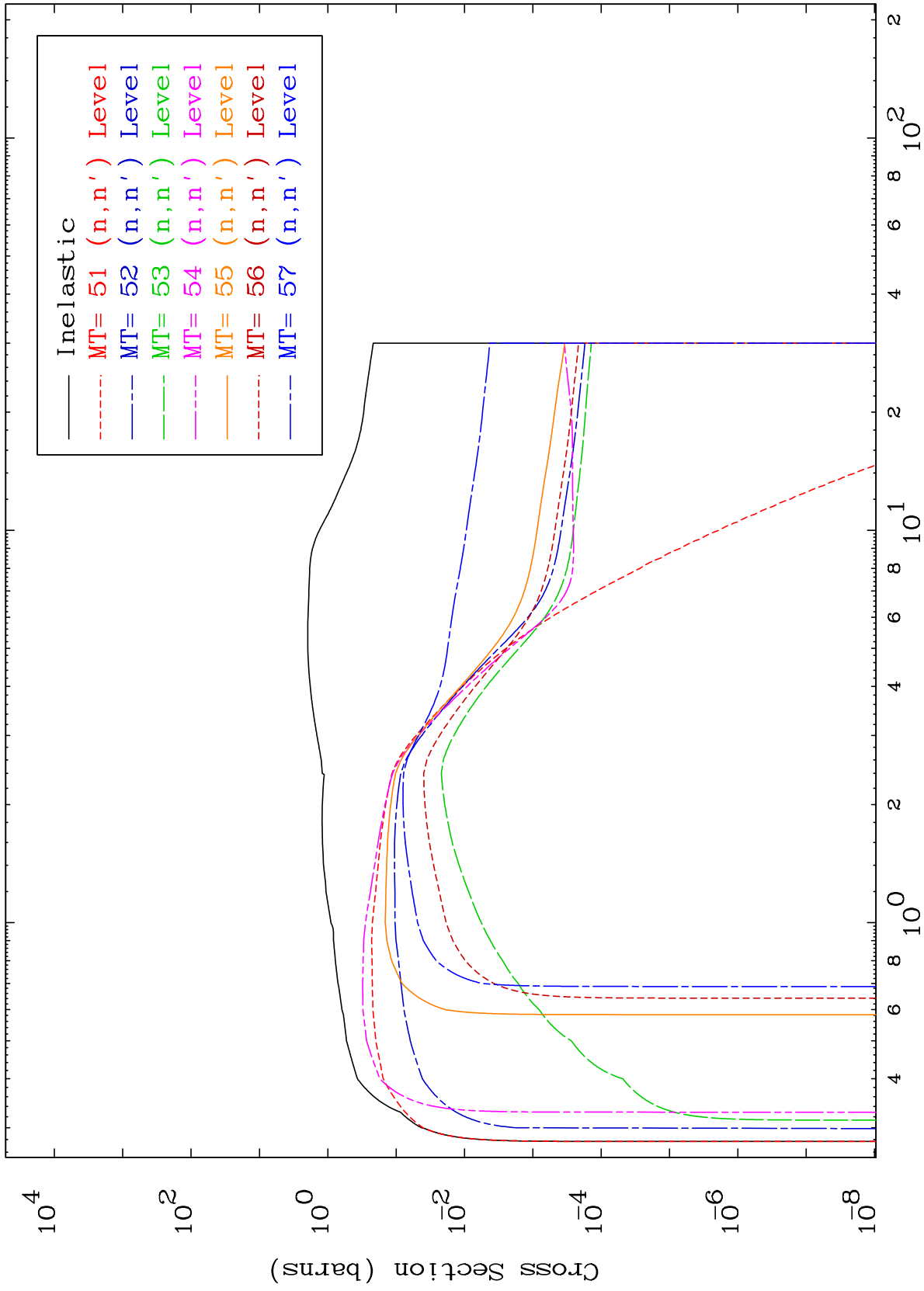
52-Te-117



MAT 5216

(n,n') Level  
293 Kelvin Cross Sections

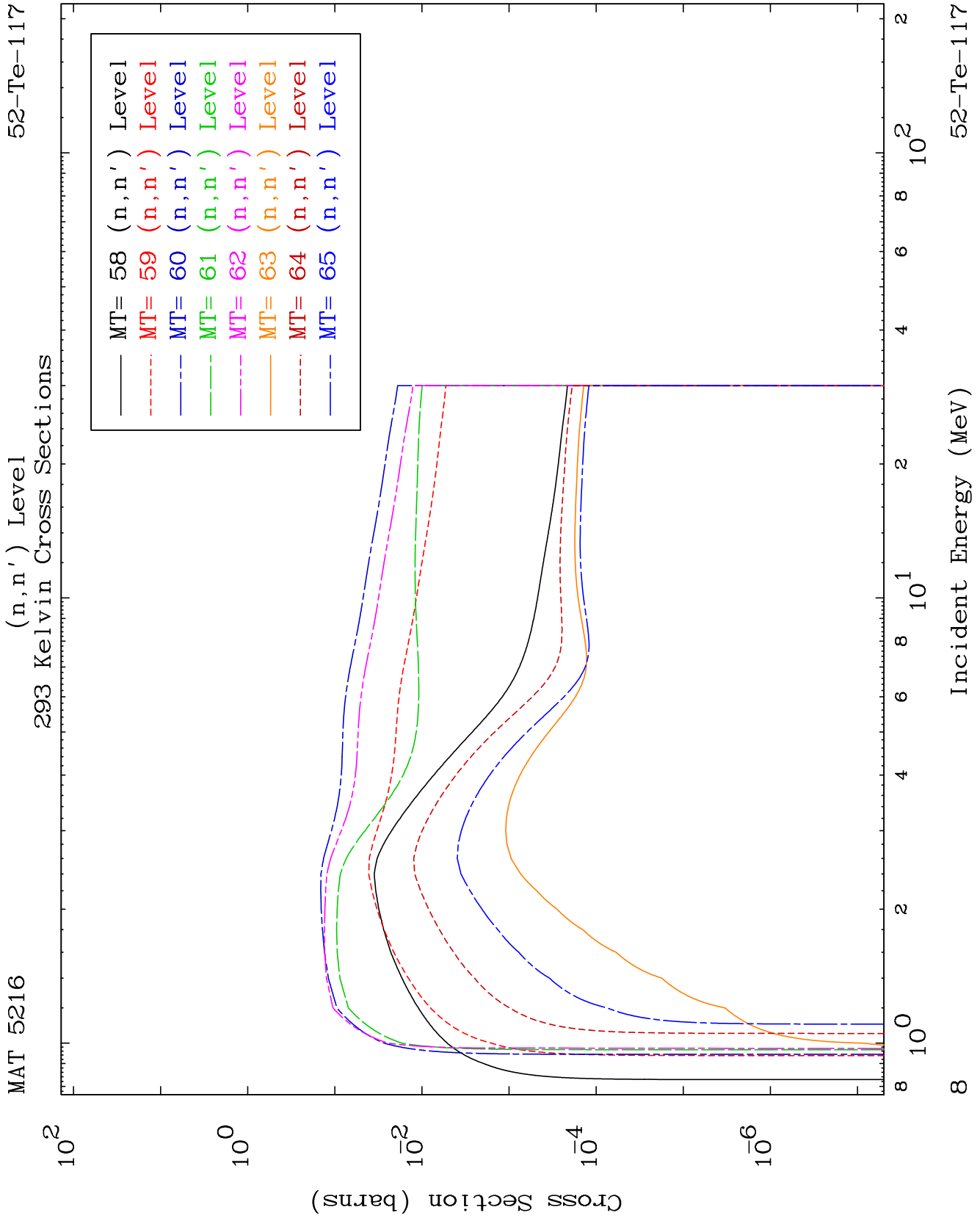
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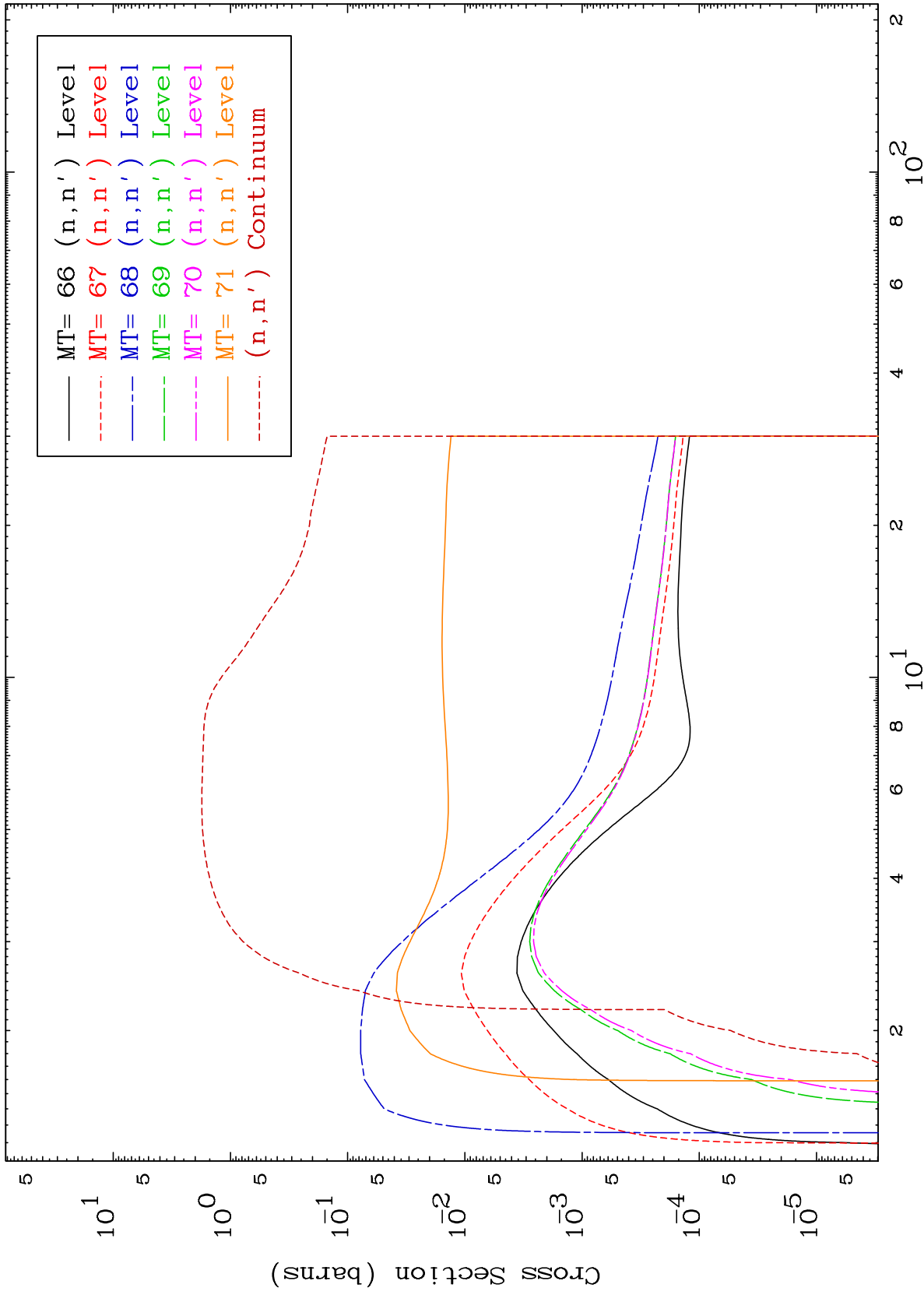


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Incident Energy (MeV)

52-Te-117



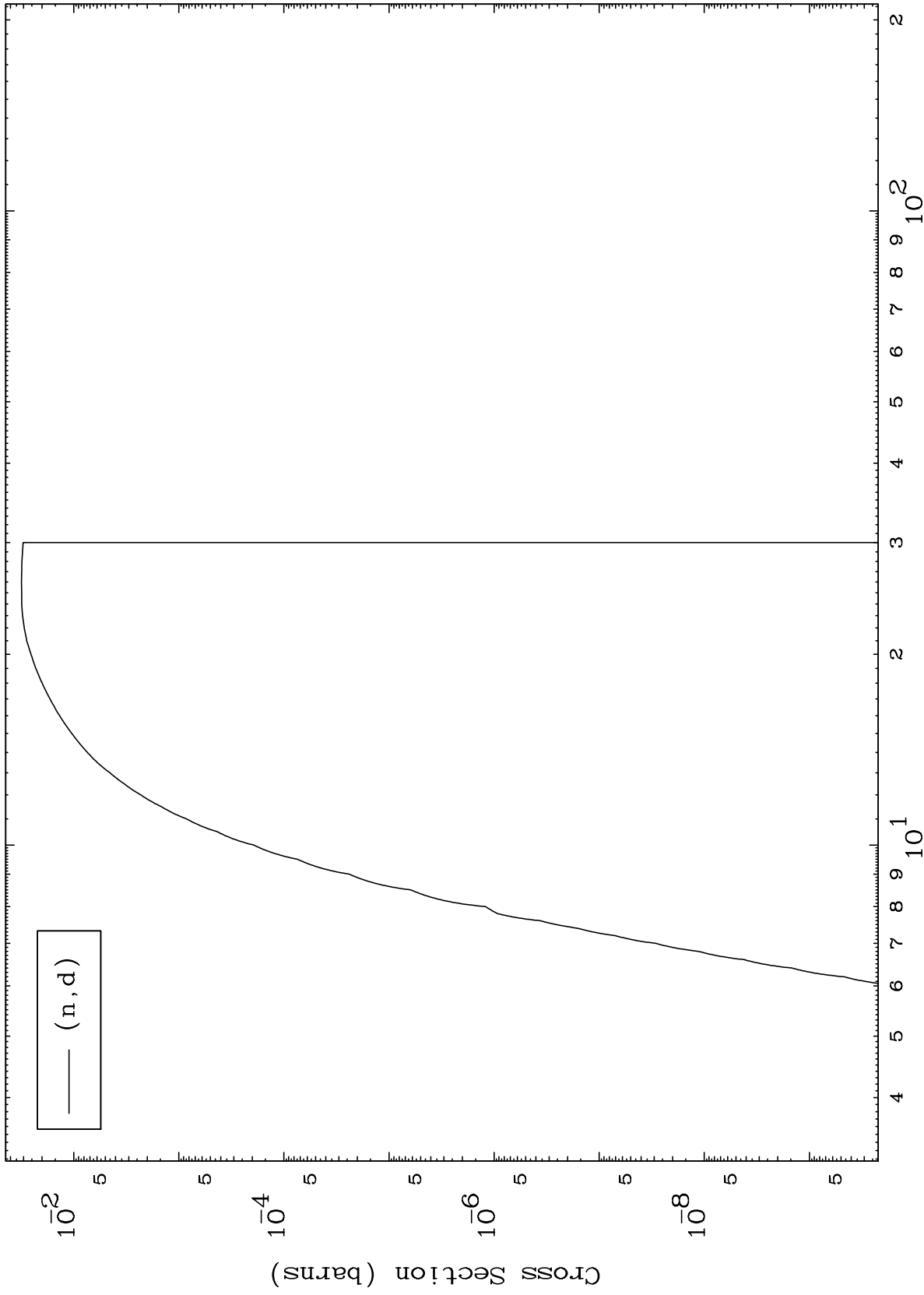




MAT 5216

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-117



11

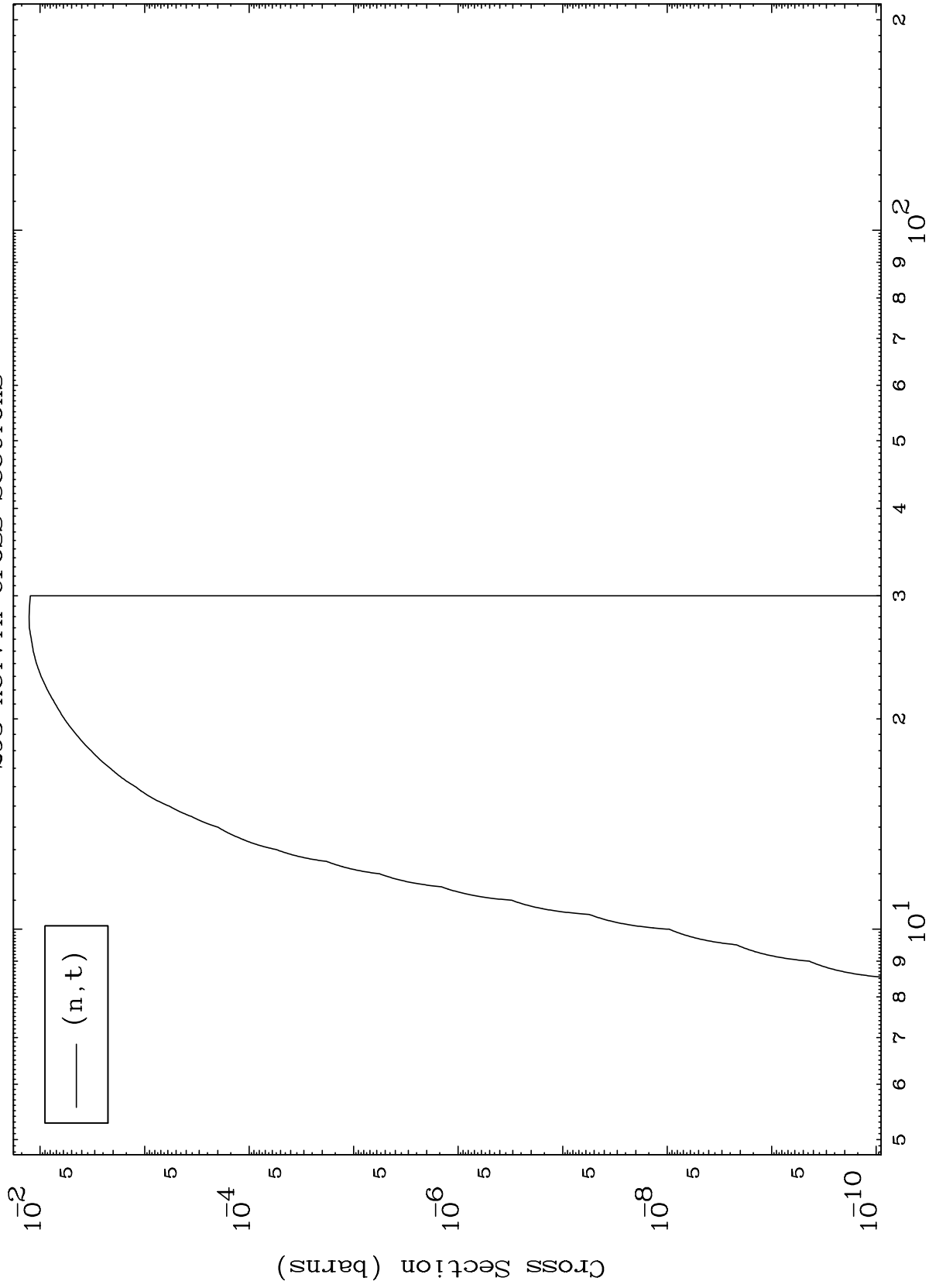
Incident Energy (MeV)

52-Te-117

MAT 5216

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-117



12

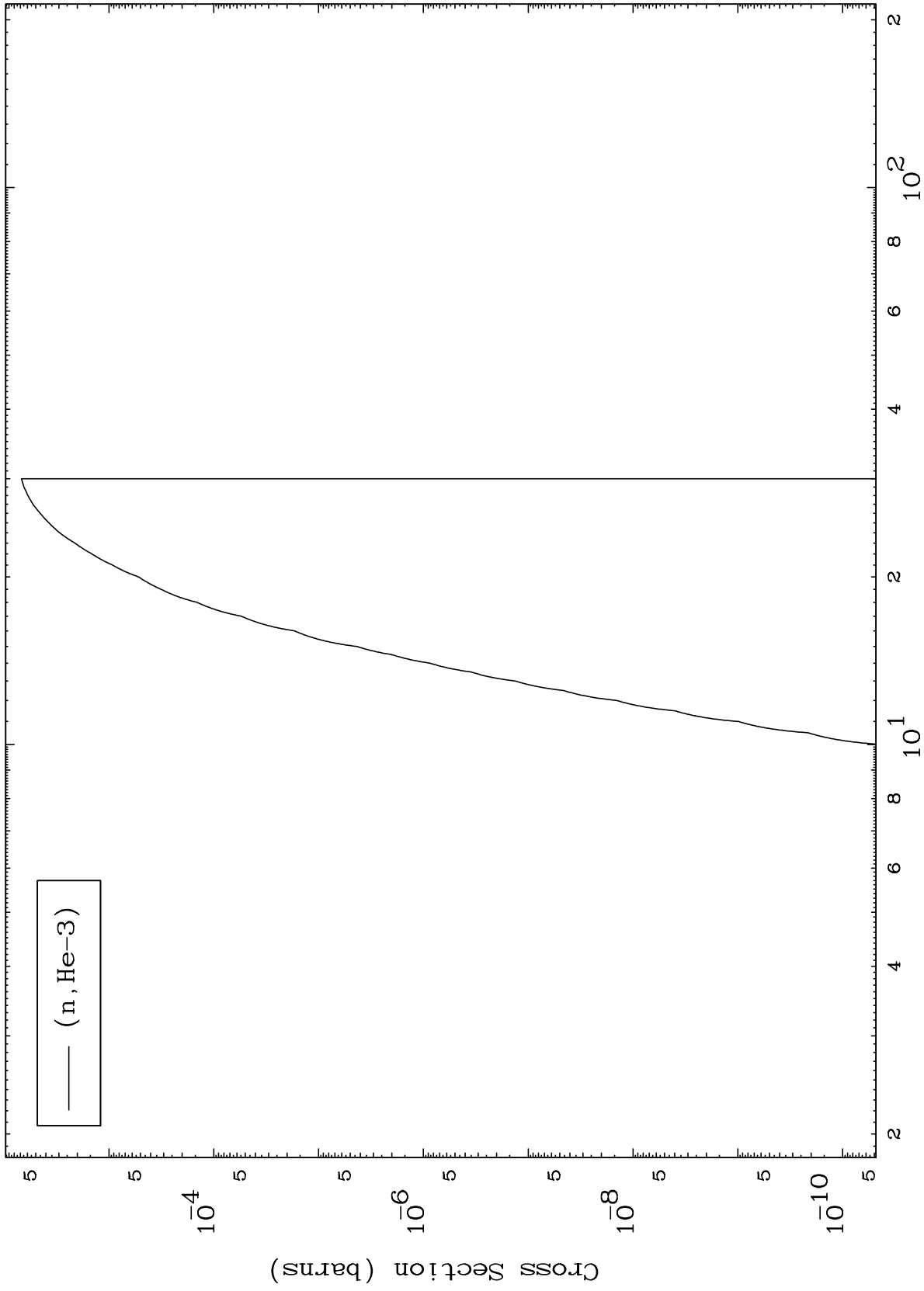
Incident Energy (MeV)

52-Te-117

MAT 5216

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-117



13

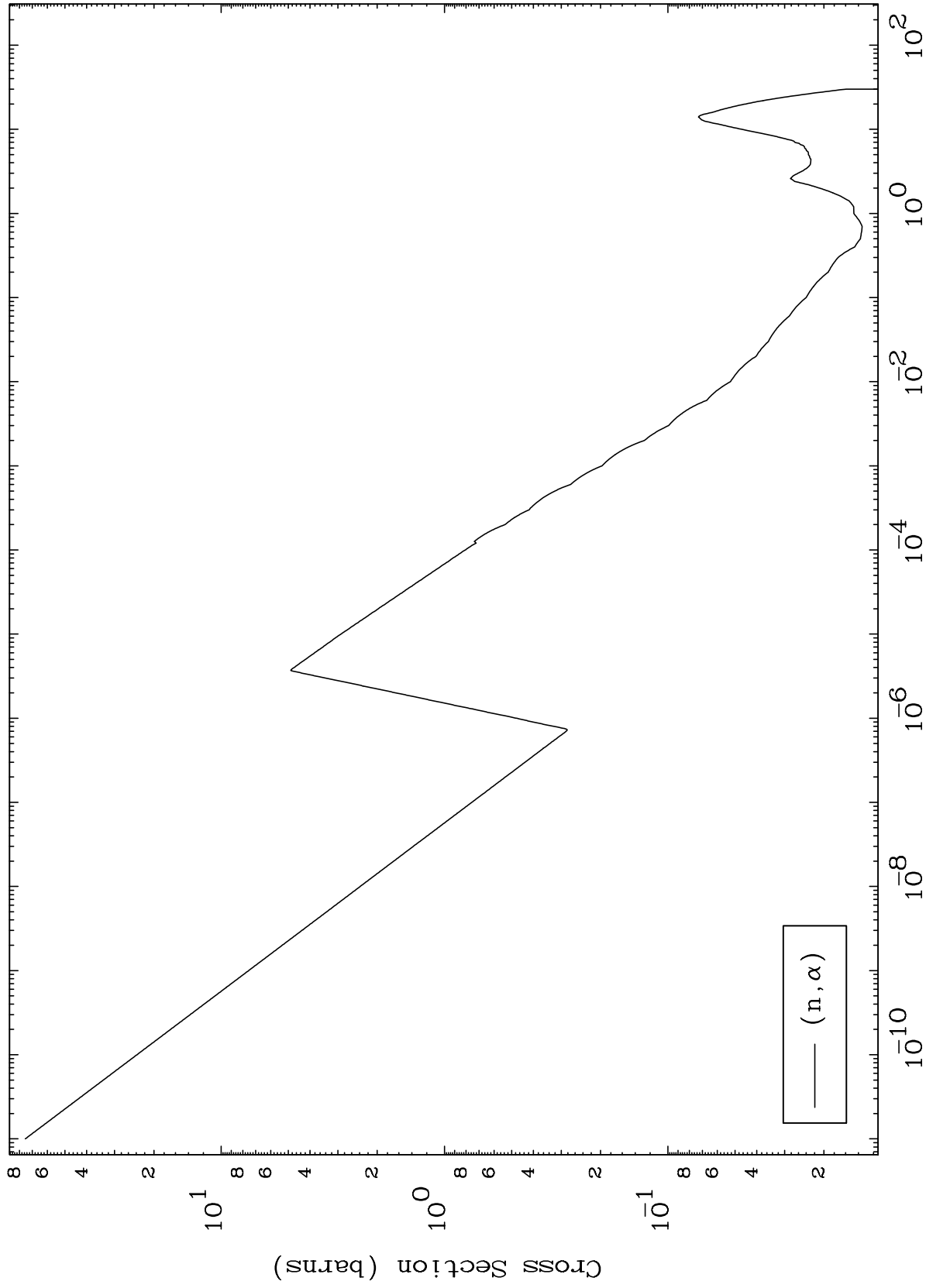
Incident Energy (MeV)

52-Te-117

MAT 5216

(n,α) Levels  
293 Kelvin Cross Sections

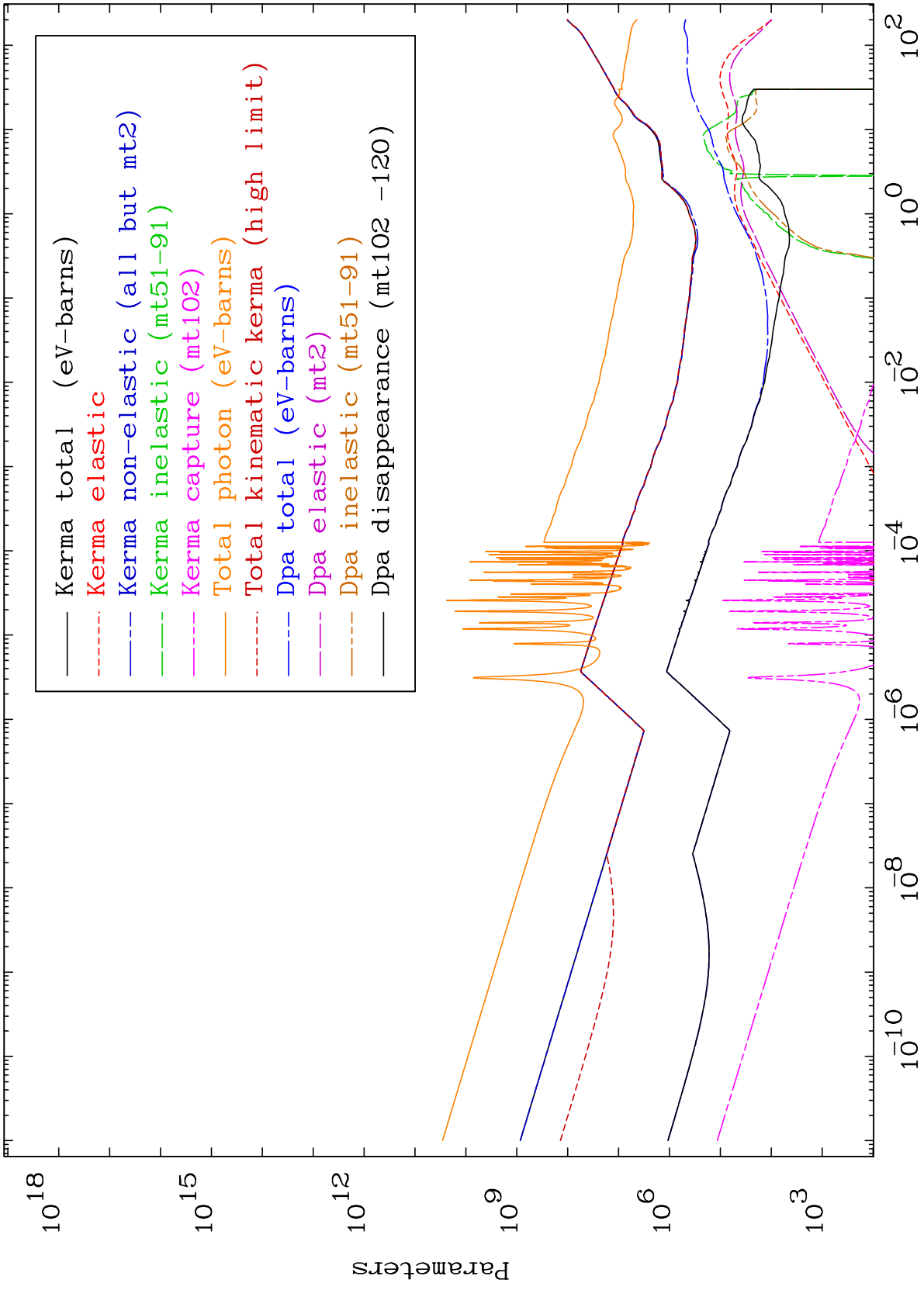
52-Te-117



14

Incident Energy (MeV)

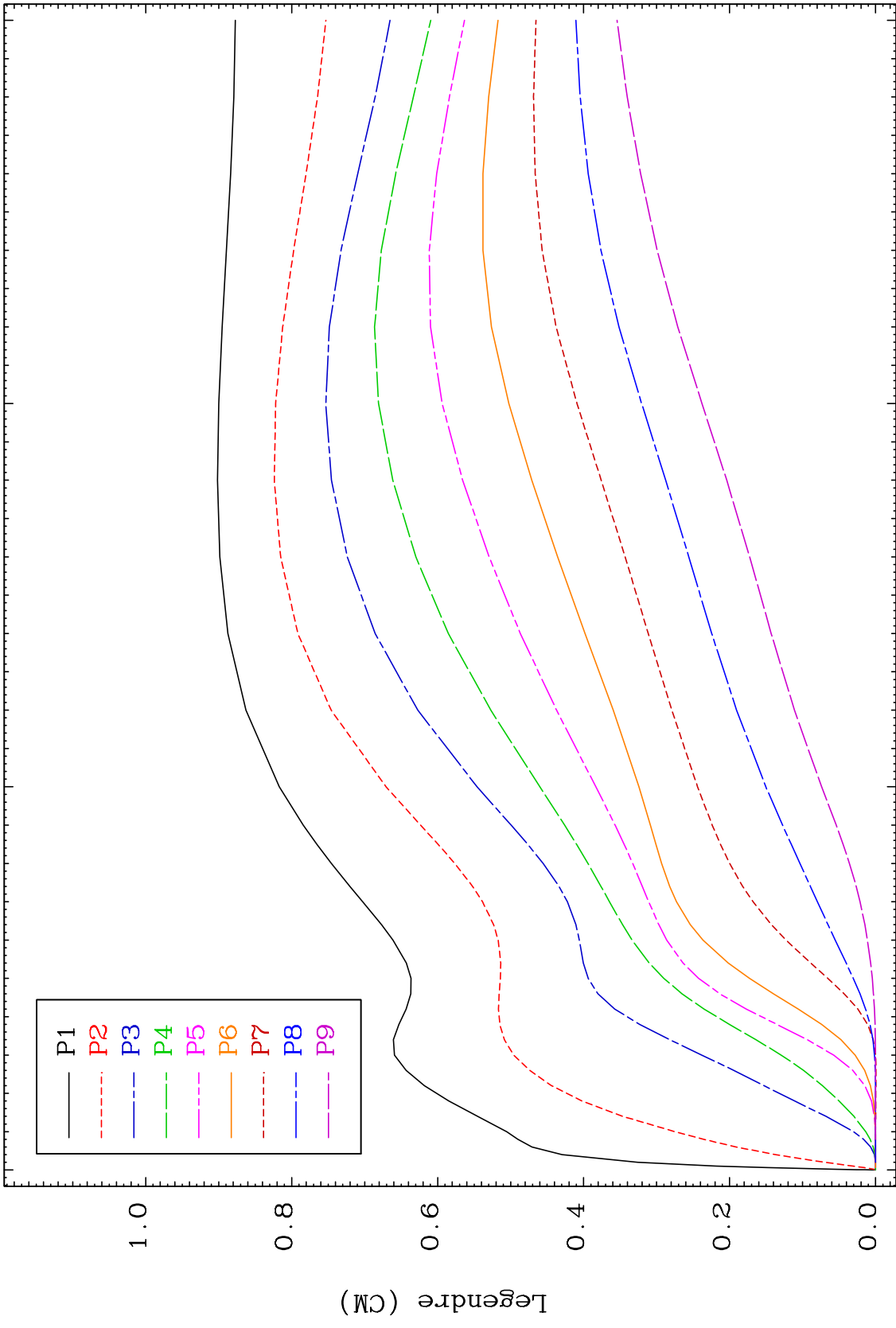
52-Te-117



MAT 5216

Elastic Legendre Coefficients

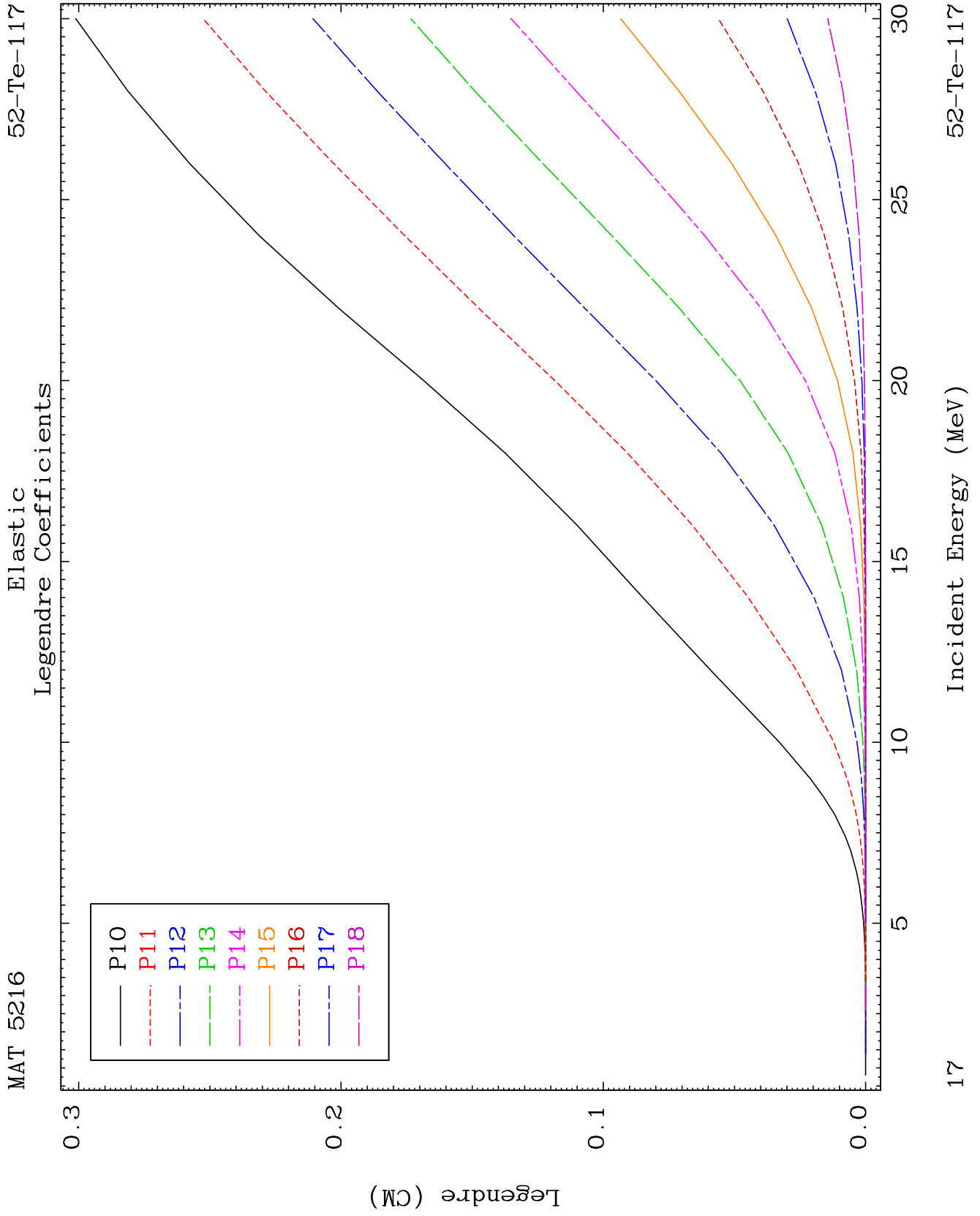
52-Te-117



16

Incident Energy (MeV)

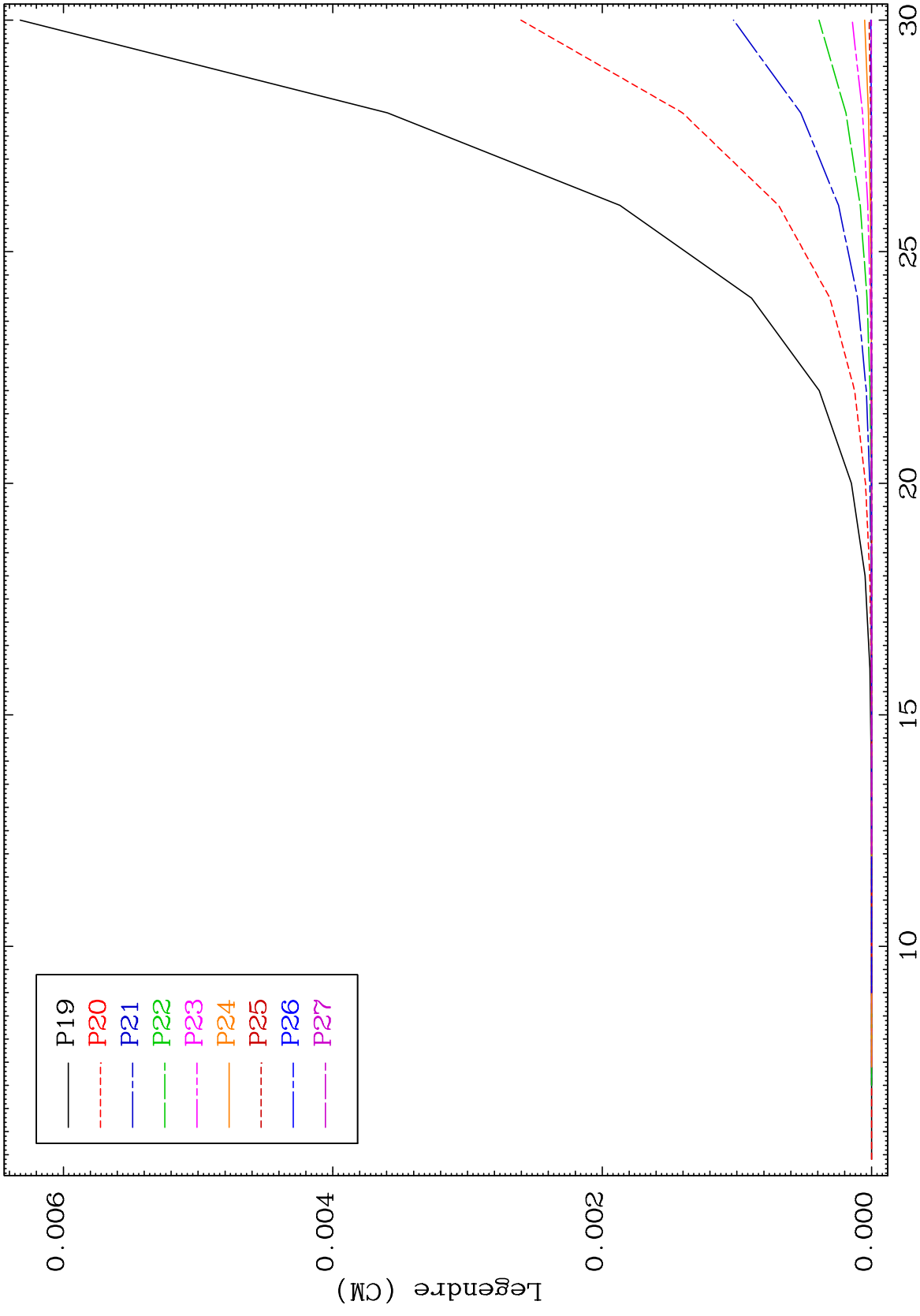
52-Te-117



MAT 5216

### Elastic Legendre Coefficients

52-Te-117



18

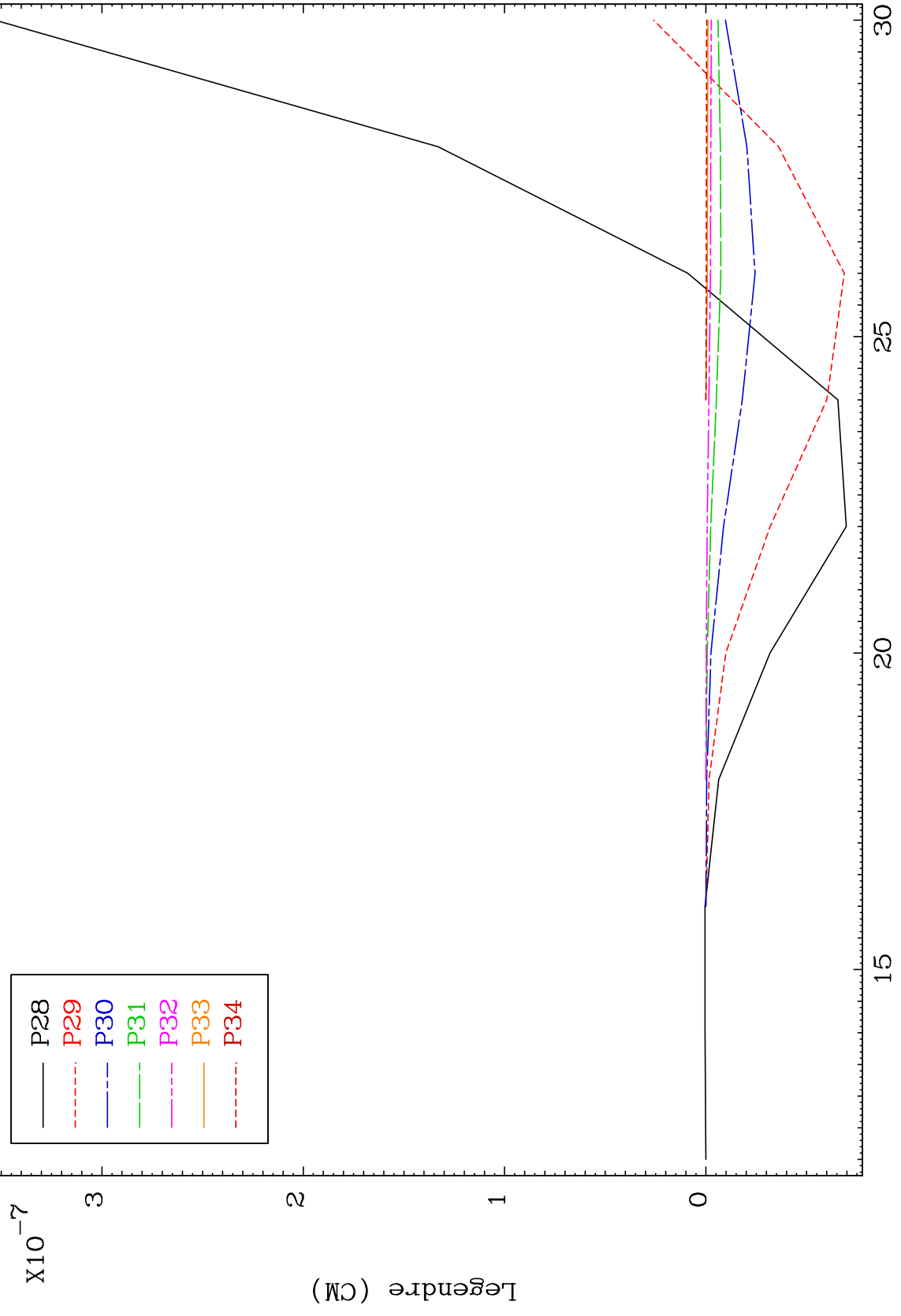
Incident Energy (MeV)

52-Te-117

MAT 5216

Elastic Legendre Coefficients

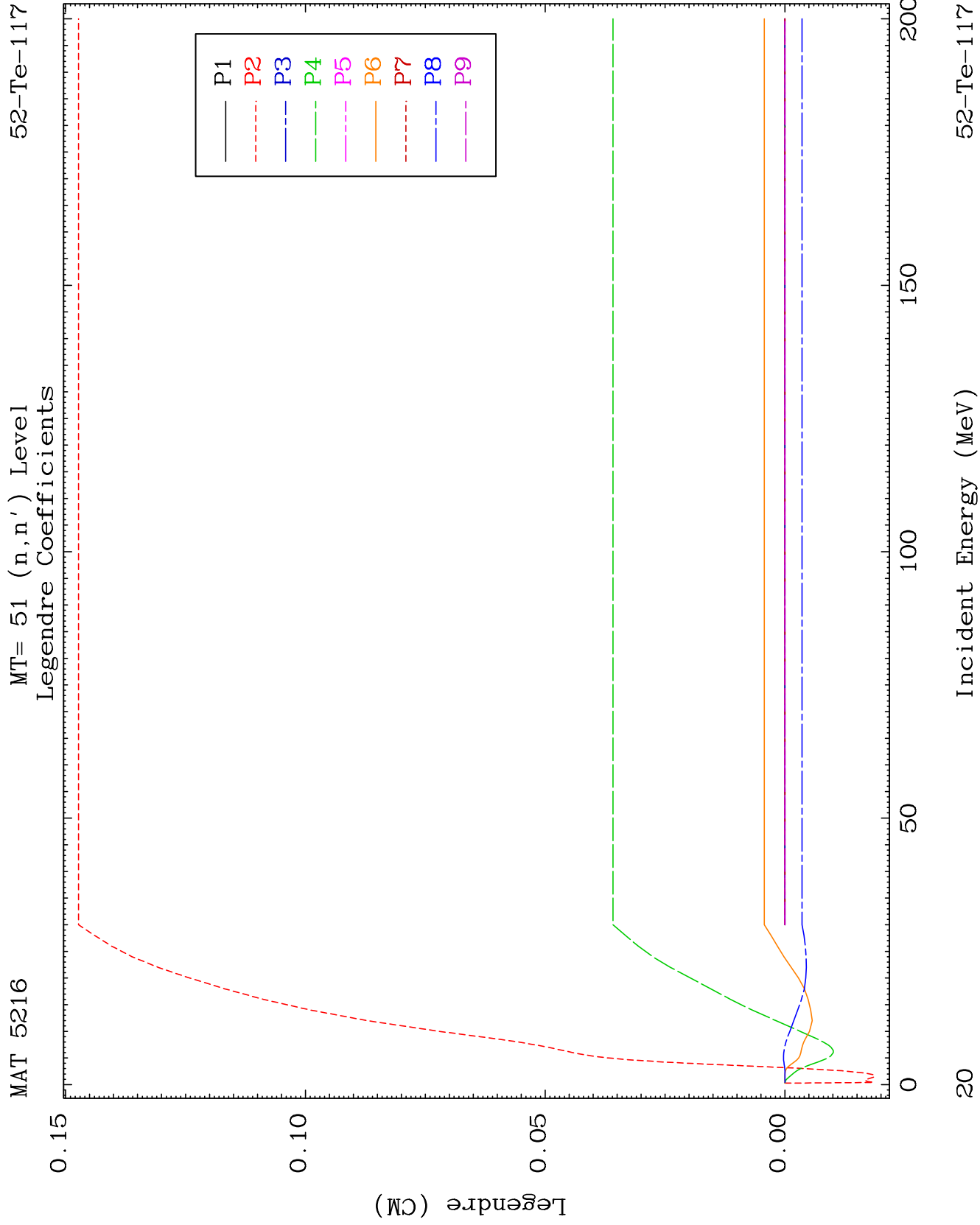
52-Te-117



19

Incident Energy (MeV)

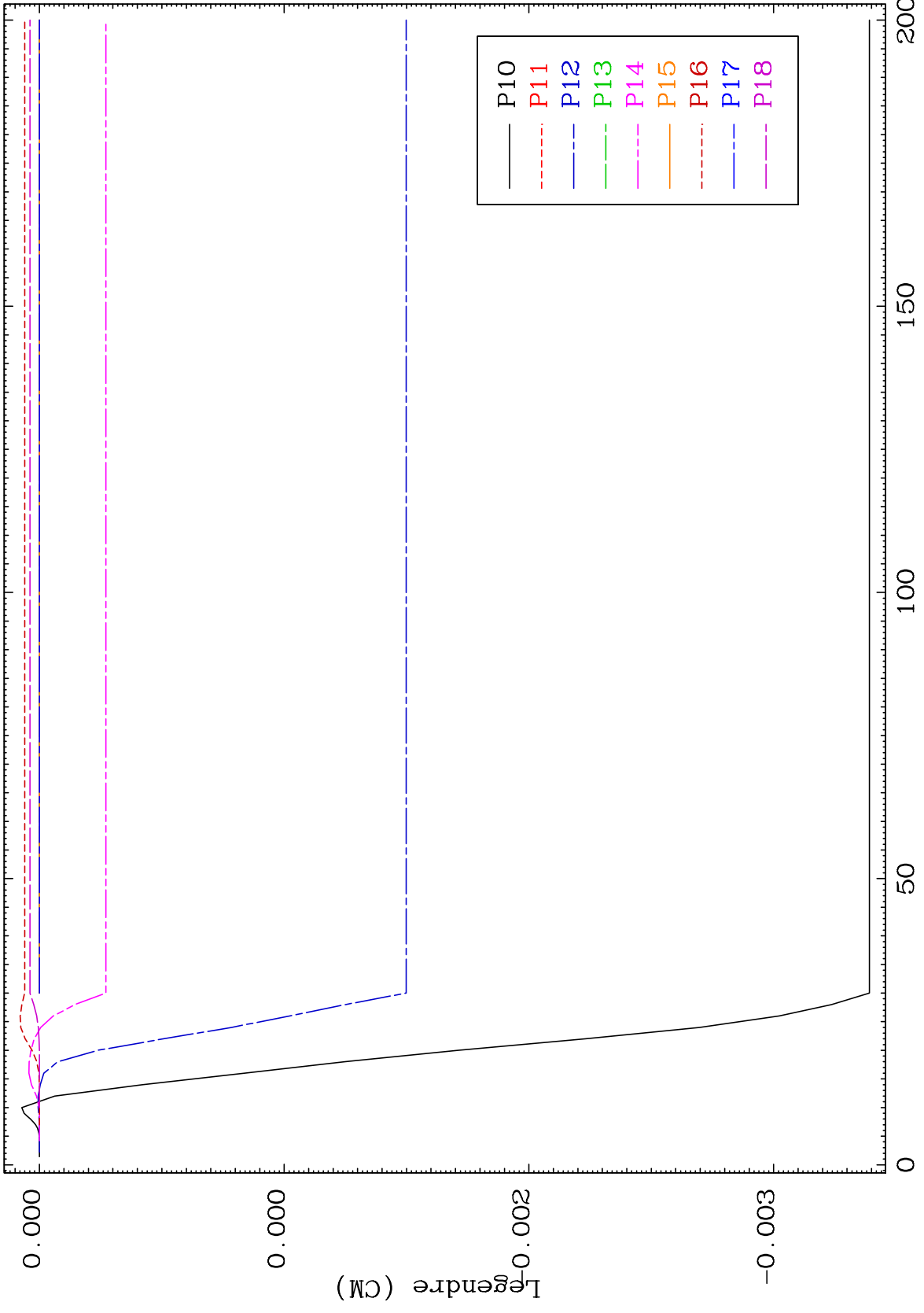
52-Te-117



MAT 5216

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

52-Te-117

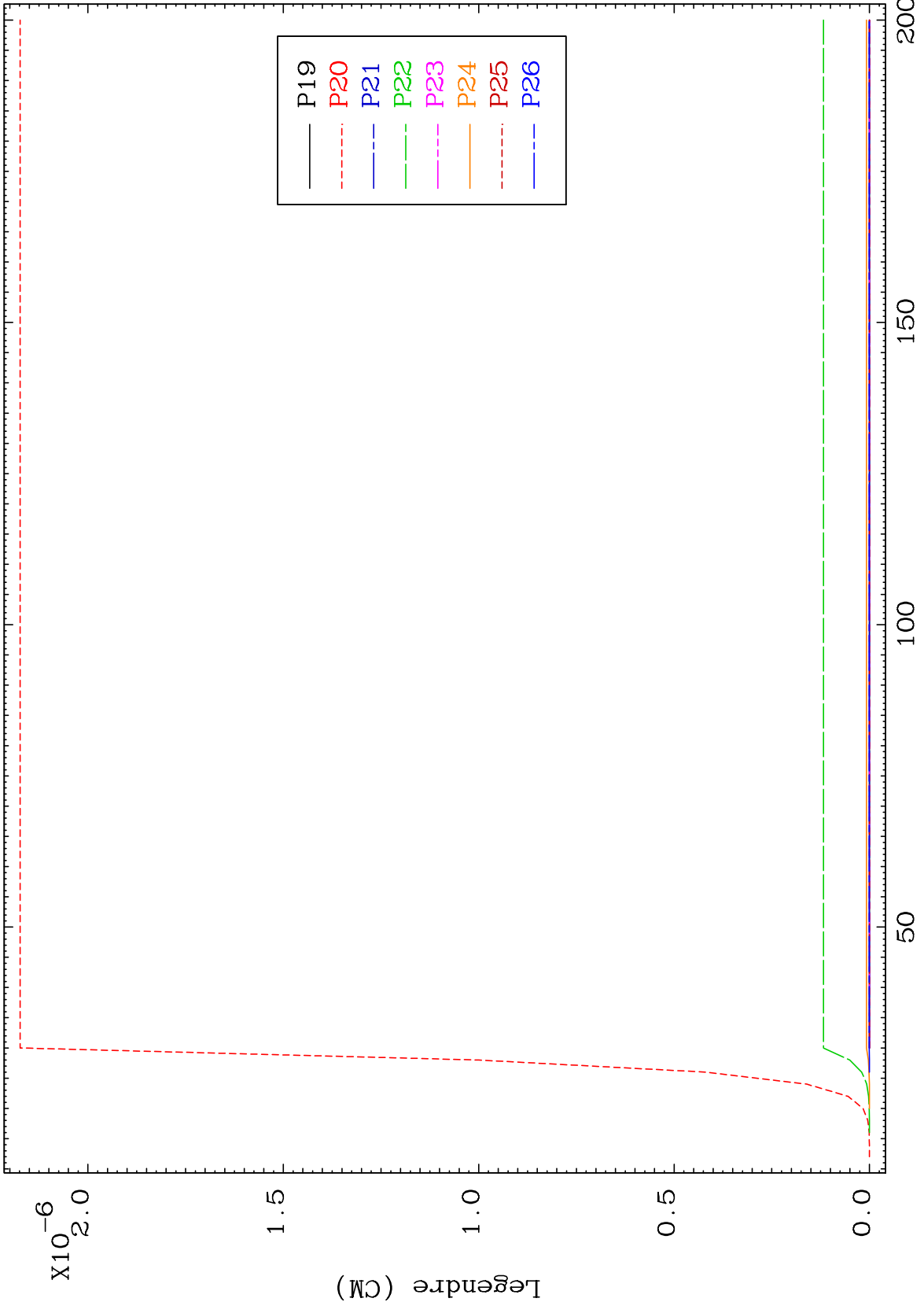


52-Te-117

Incident Energy (MeV)

21

MAT 5216 MT= 51 (n,n') Level Legendre Coefficients 52-Te-117

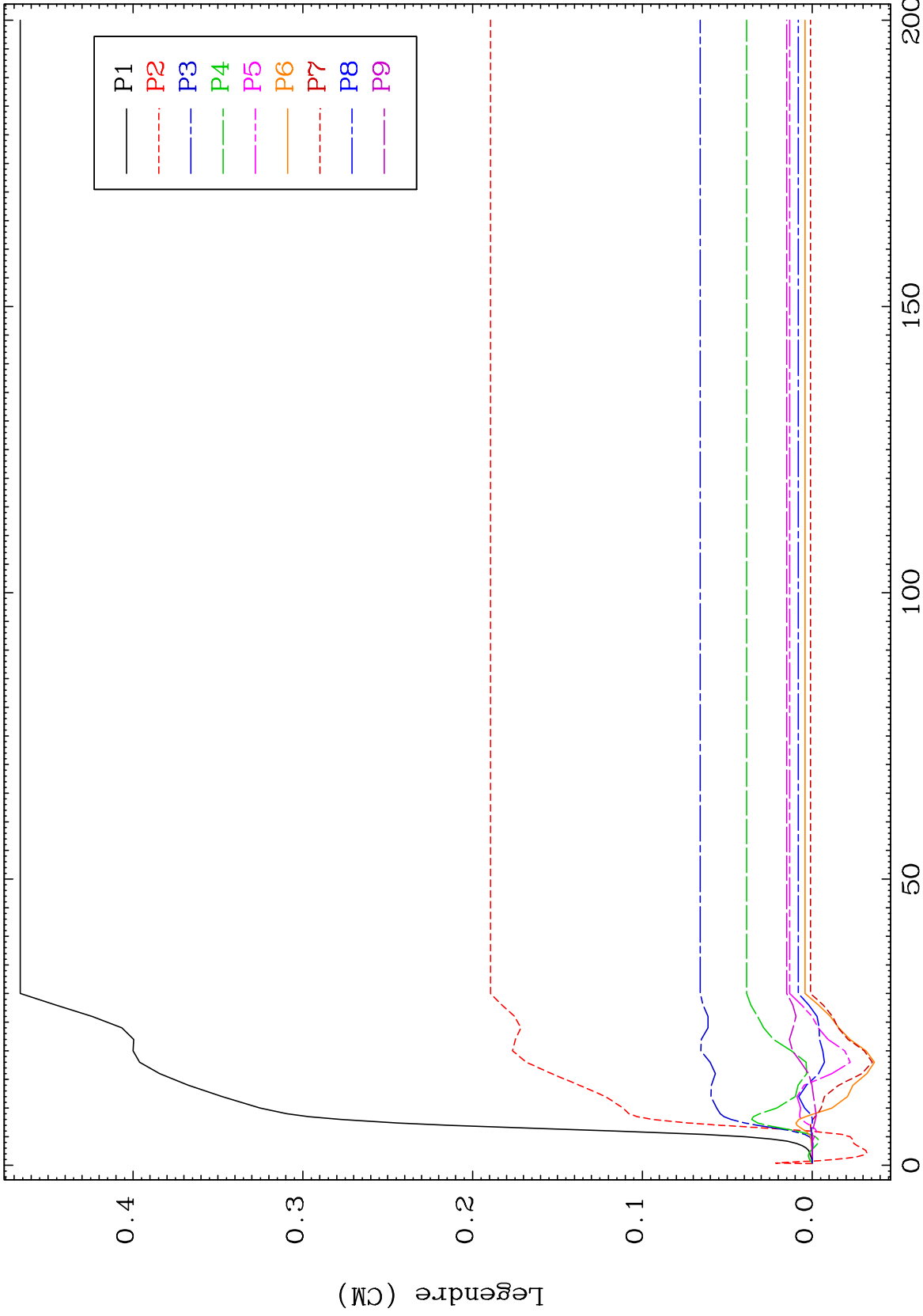


52-Te-117

MAT 5216

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

52-Te-117



23

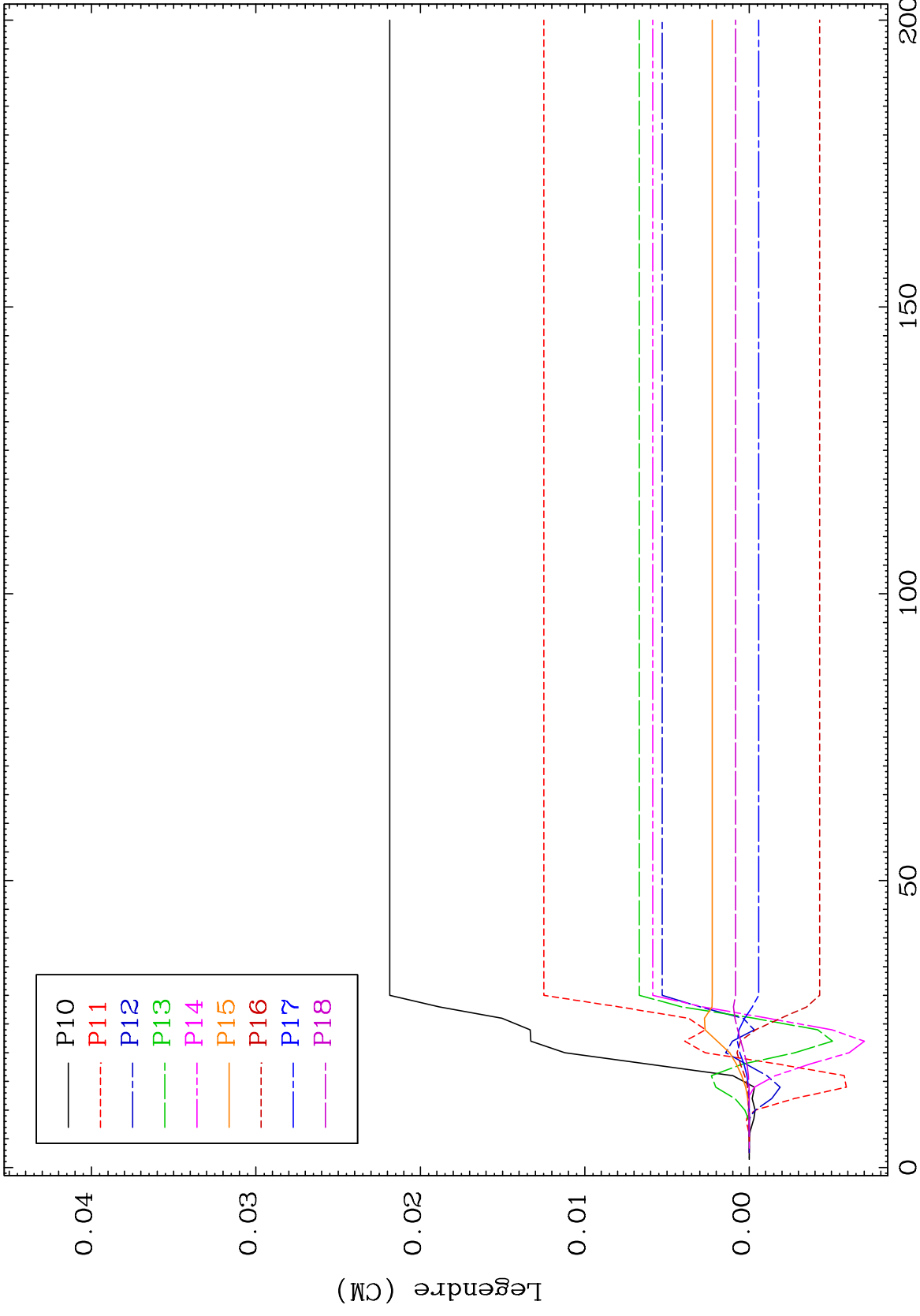
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



24

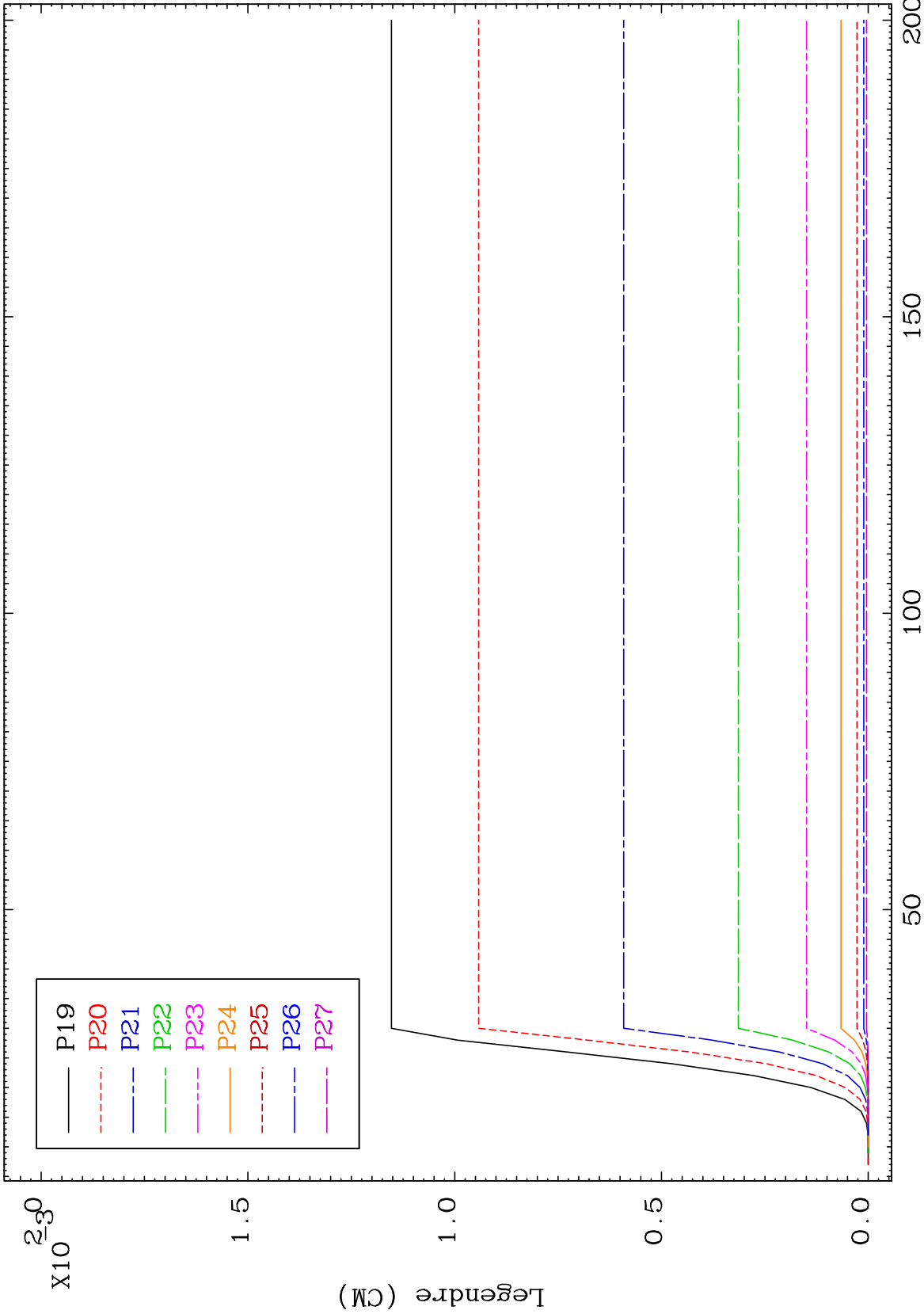
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



25

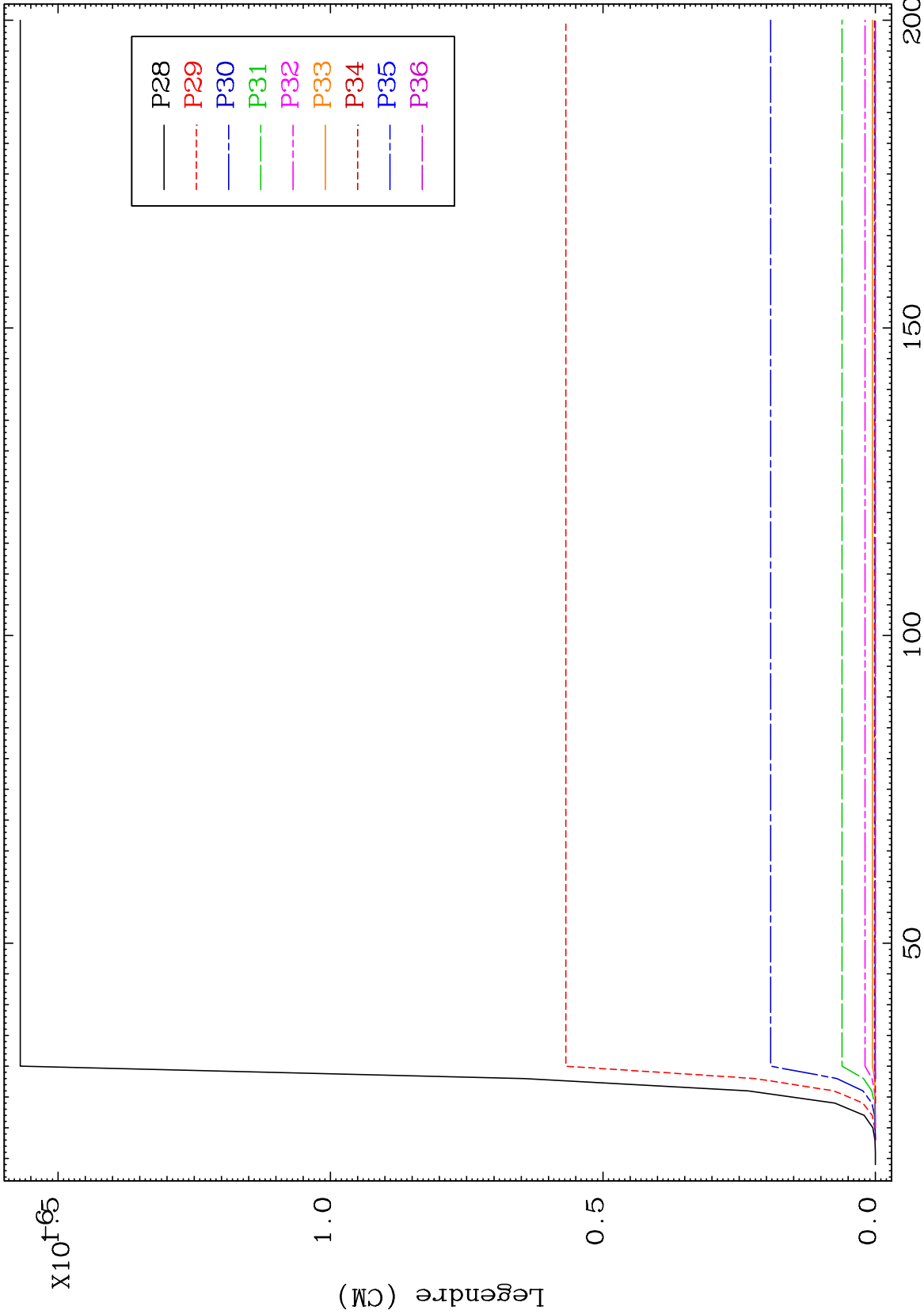
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



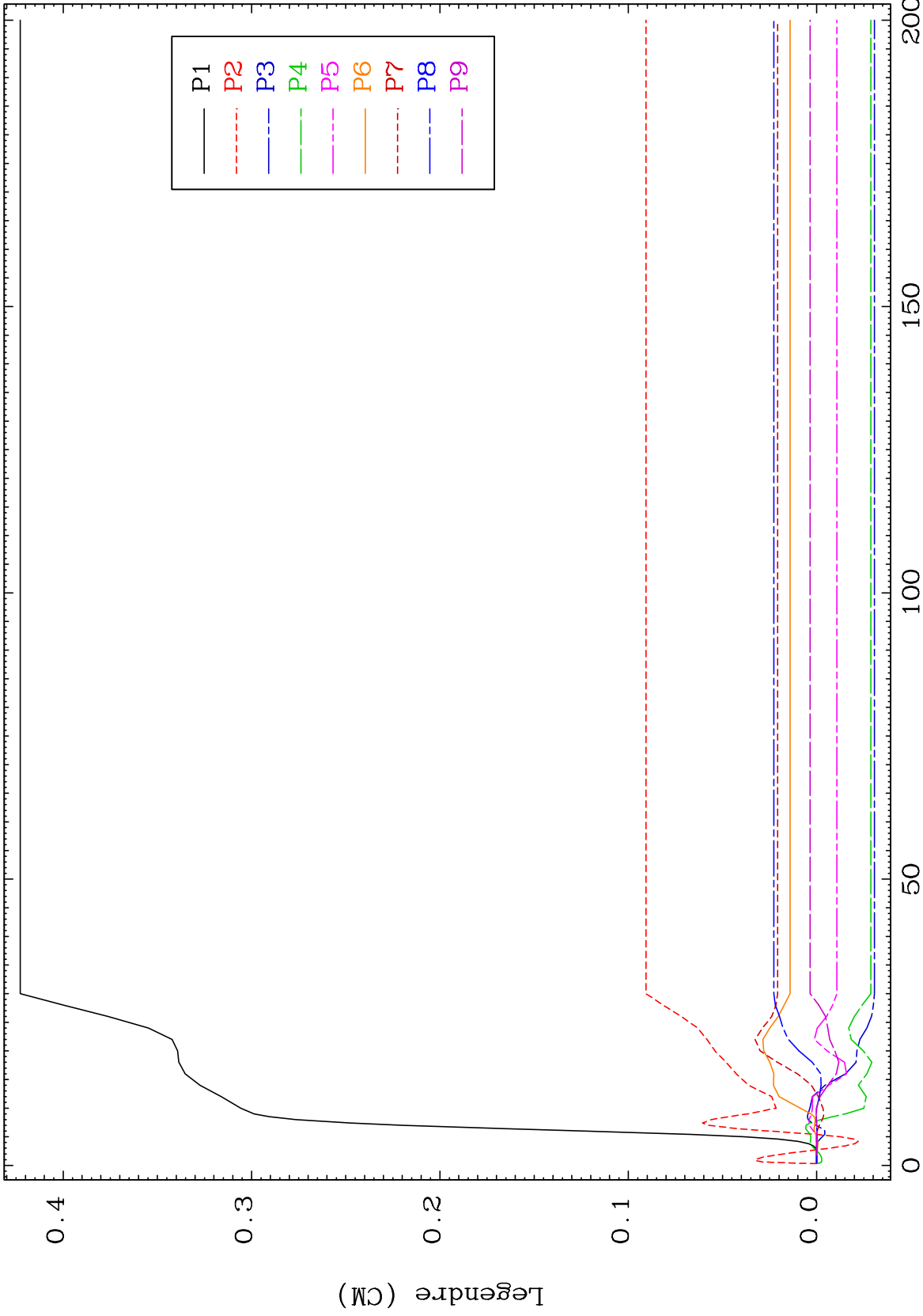
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52-Te-117

MAT 5216

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

52-Te-117

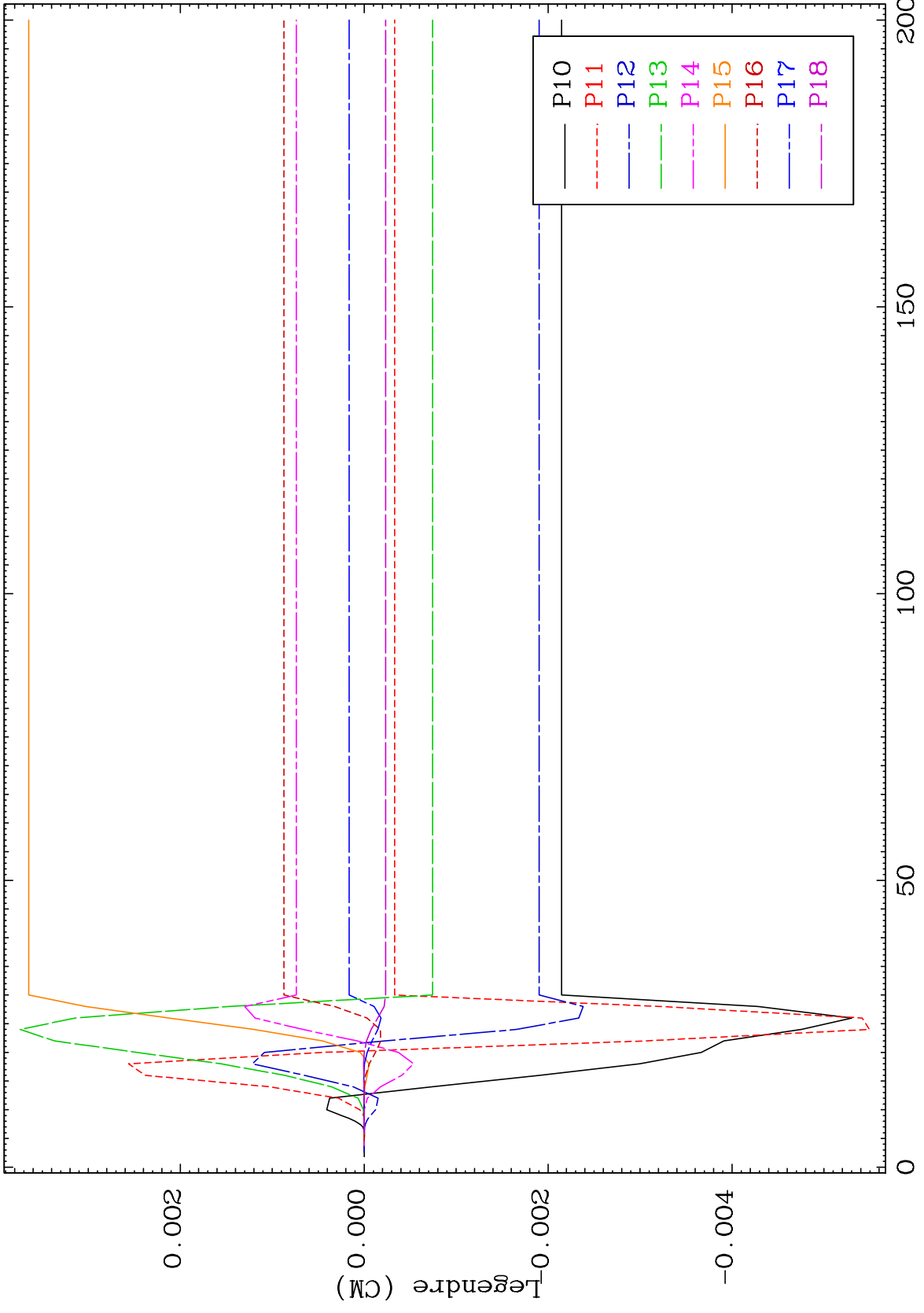


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Incident Energy (MeV)

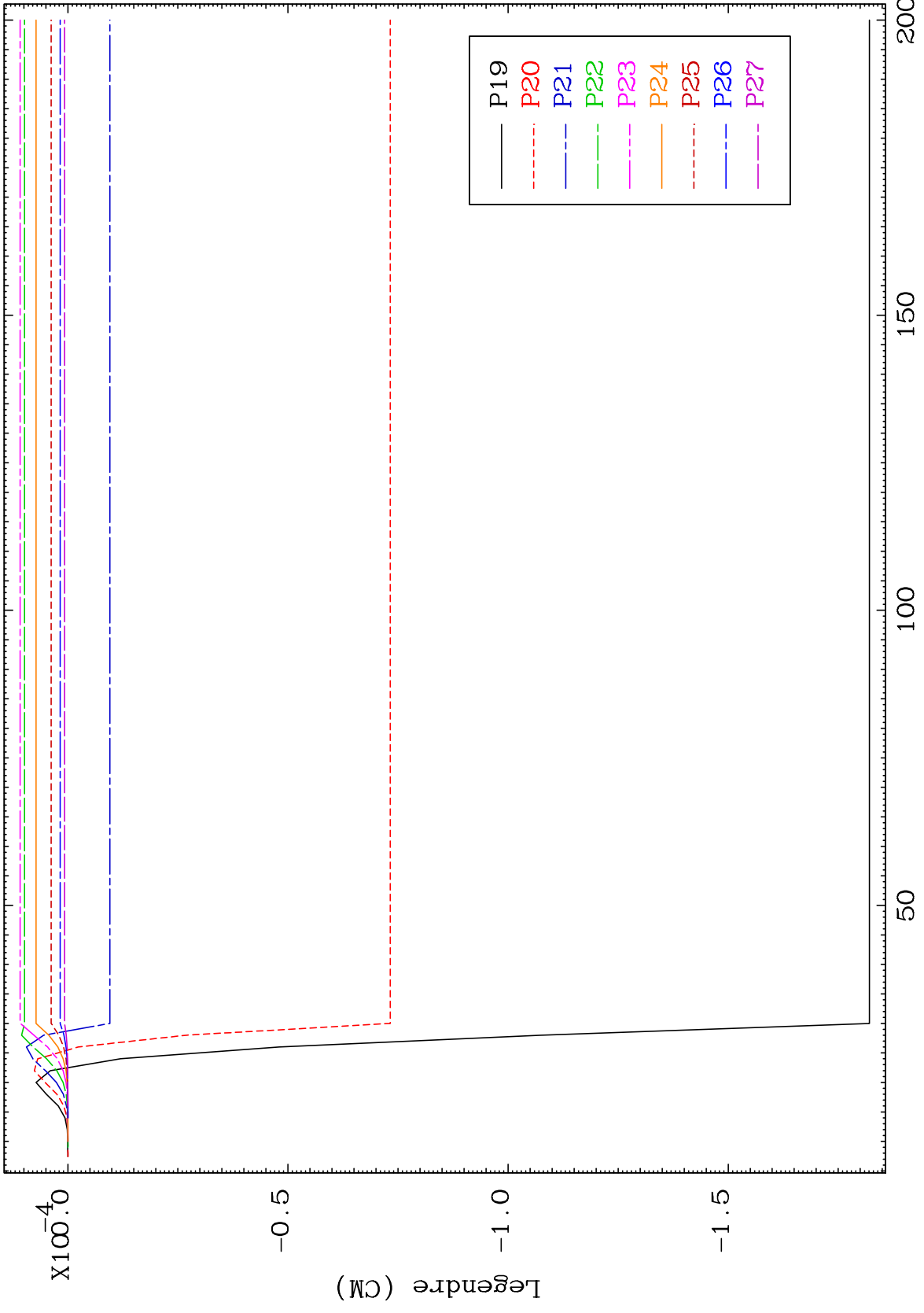
52-Te-117

MAT 5216 MT= 53 (n,n') Level Legendre Coefficients 52-Te-117



28 52-Te-117

MAT 5216 MT= 53 (n,n') Level Legendre Coefficients 52-Te-117

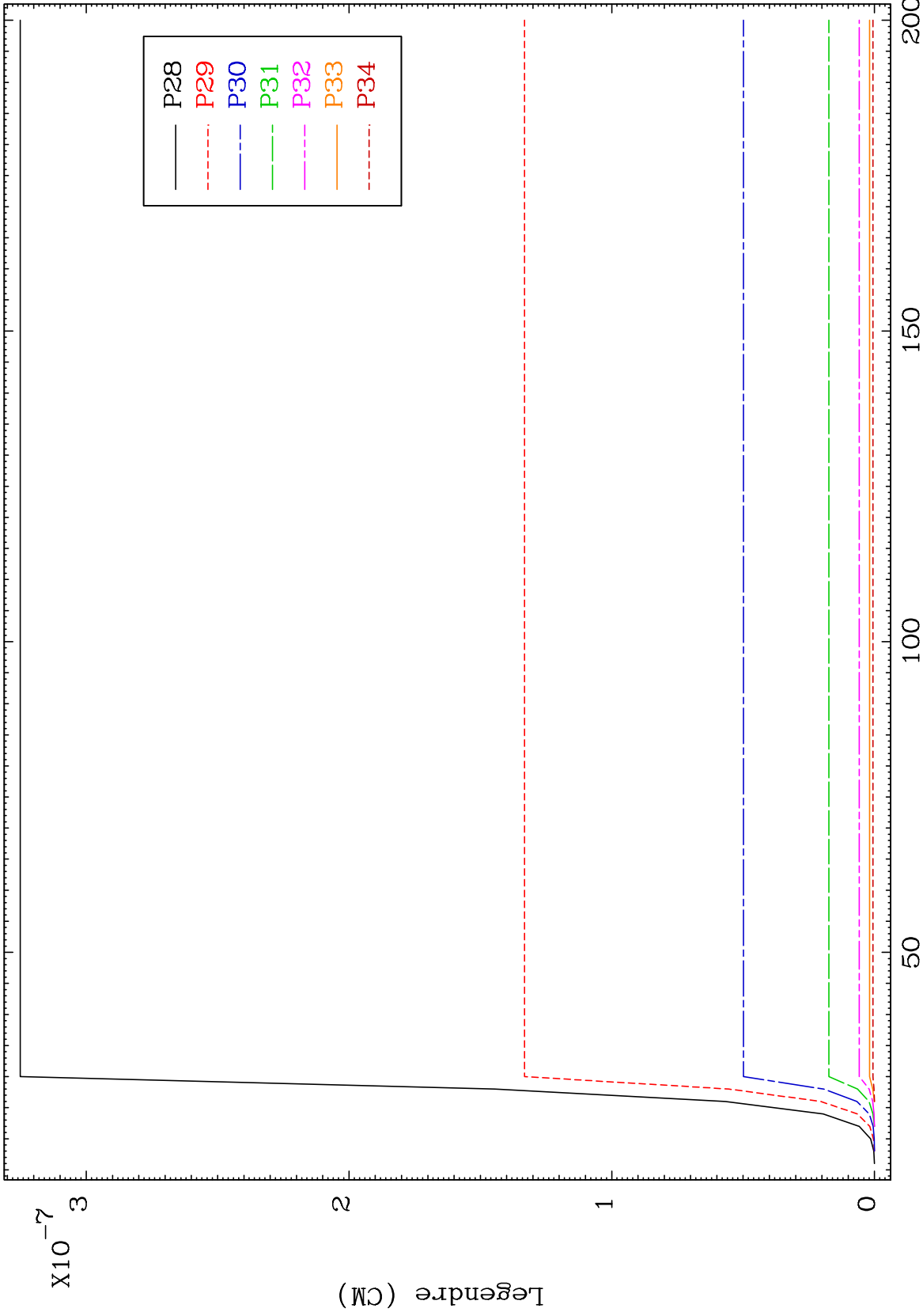


29 52-Te-117

MAT 5216

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

52-Te-117



30

50

100

150

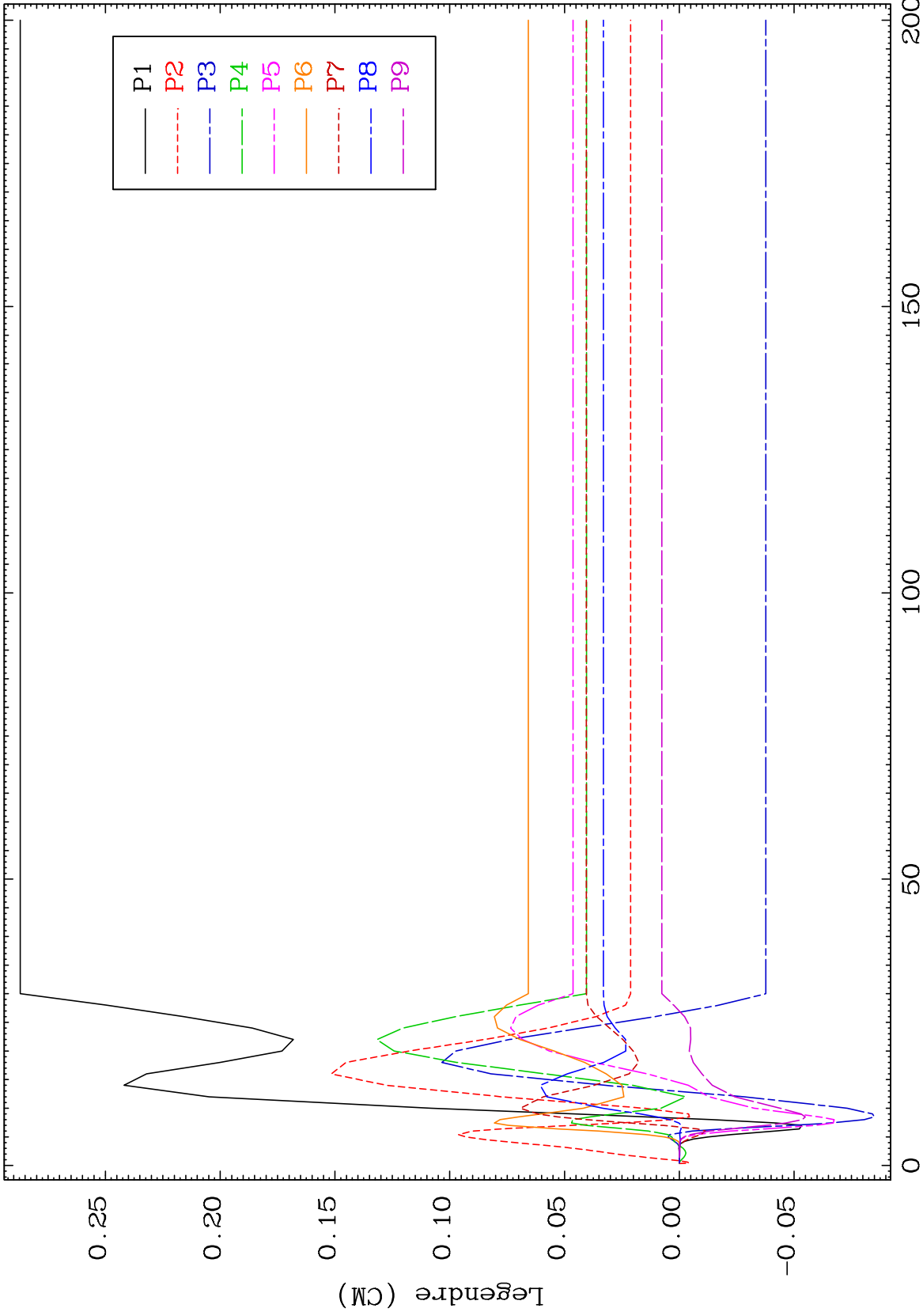
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52-Te-117

MAT 5216

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

52-Te-117



31

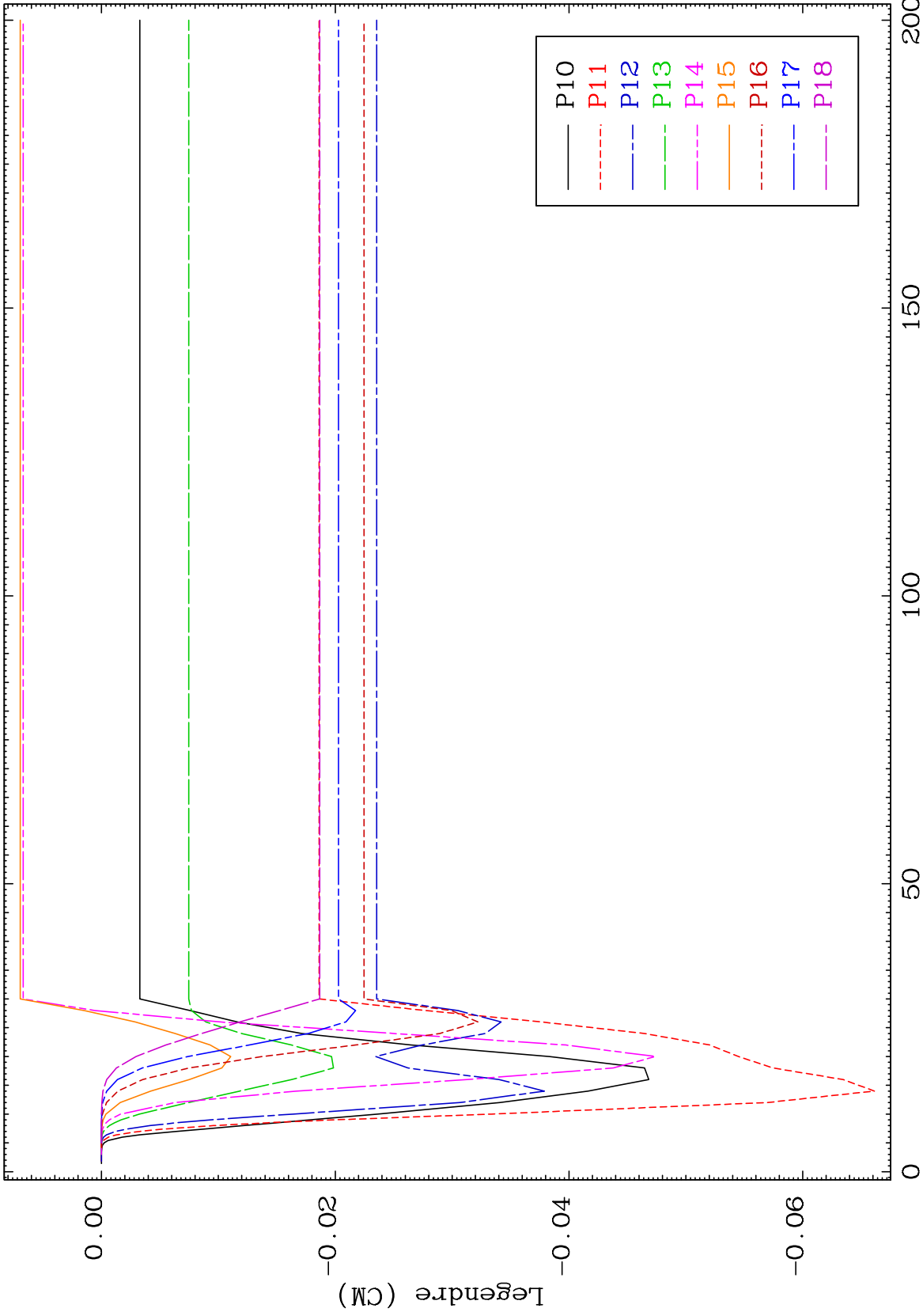
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



32

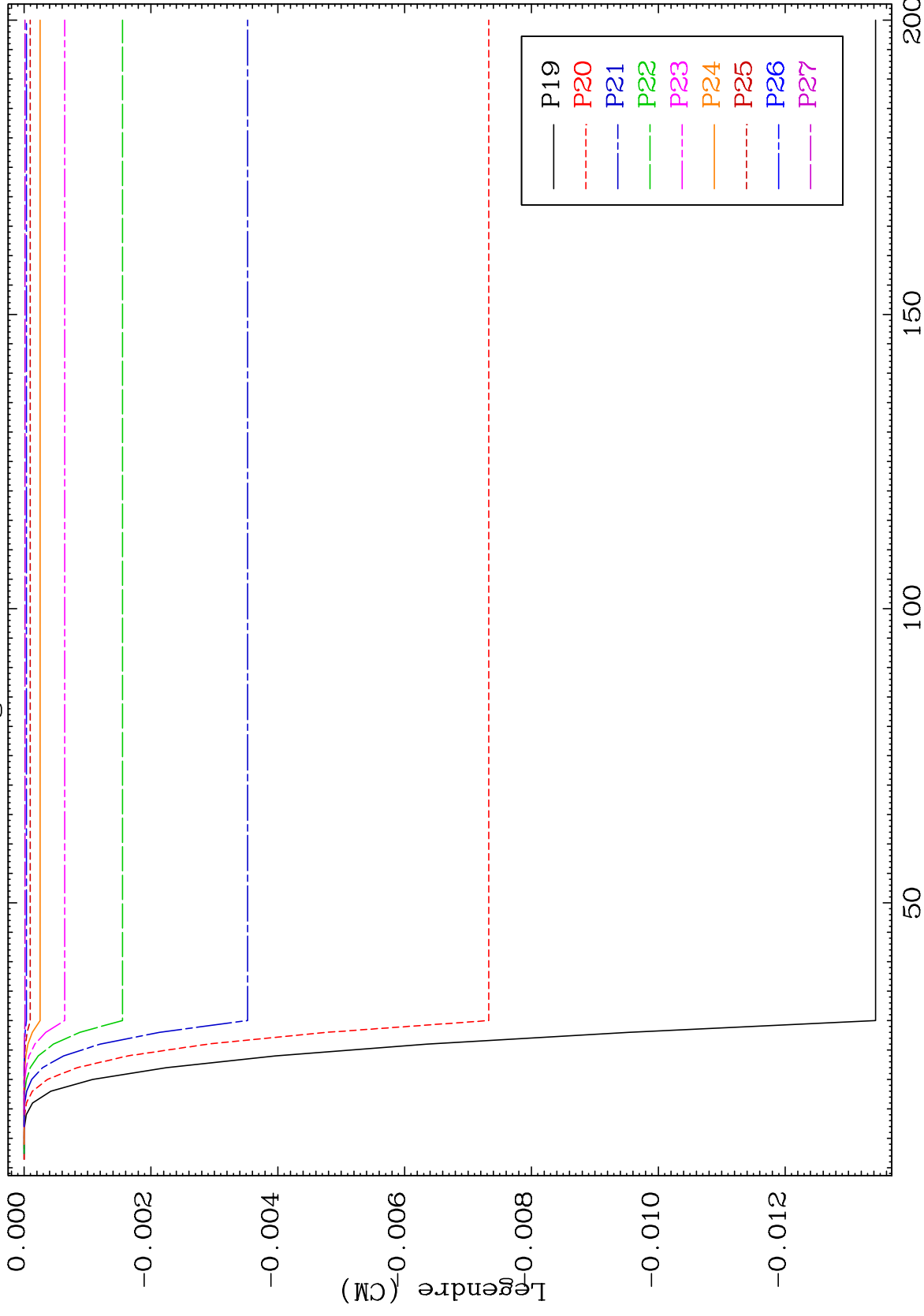
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



52-Te-117

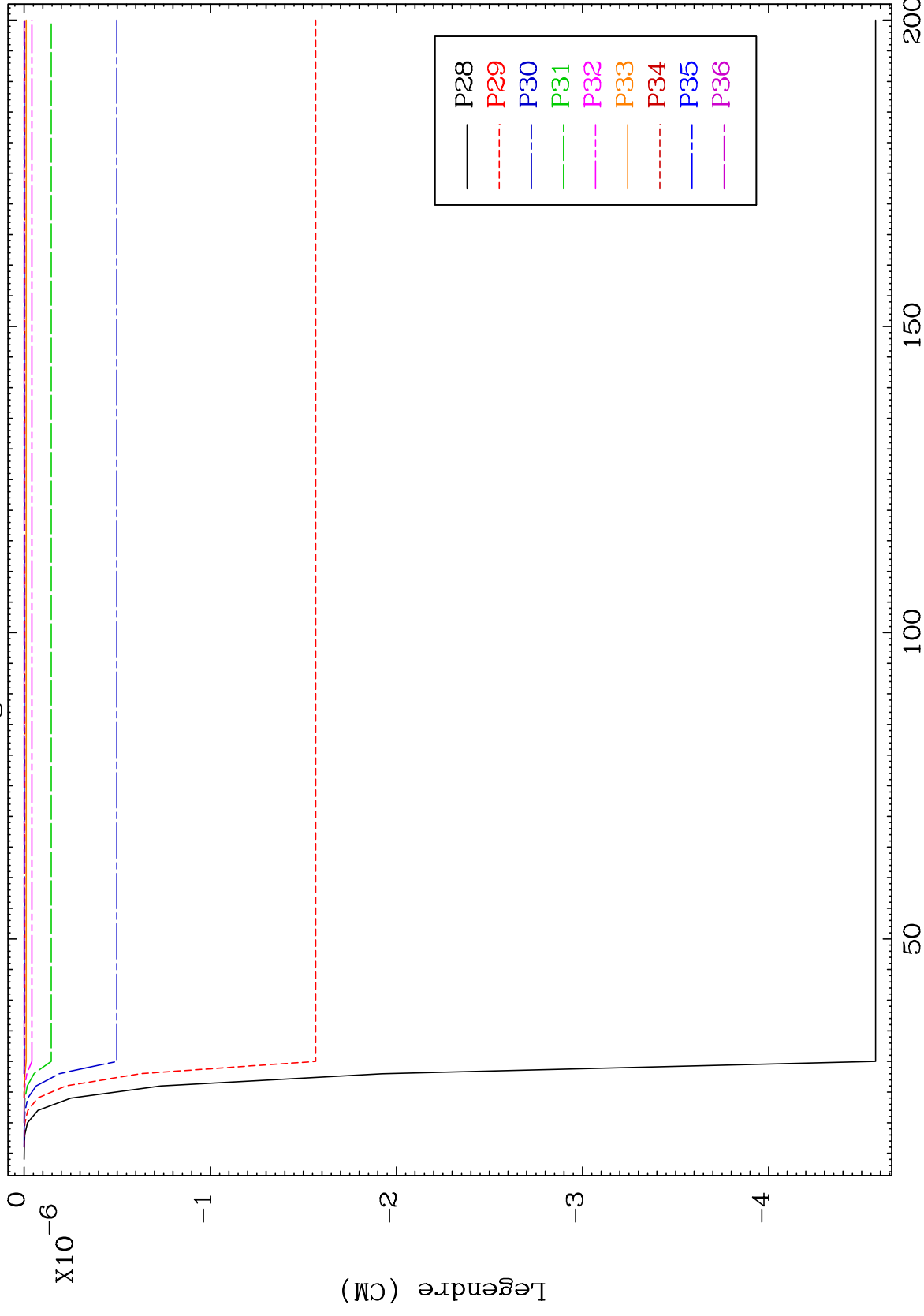
Incident Energy (MeV)

33

MAT 5216

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

52-Te-117

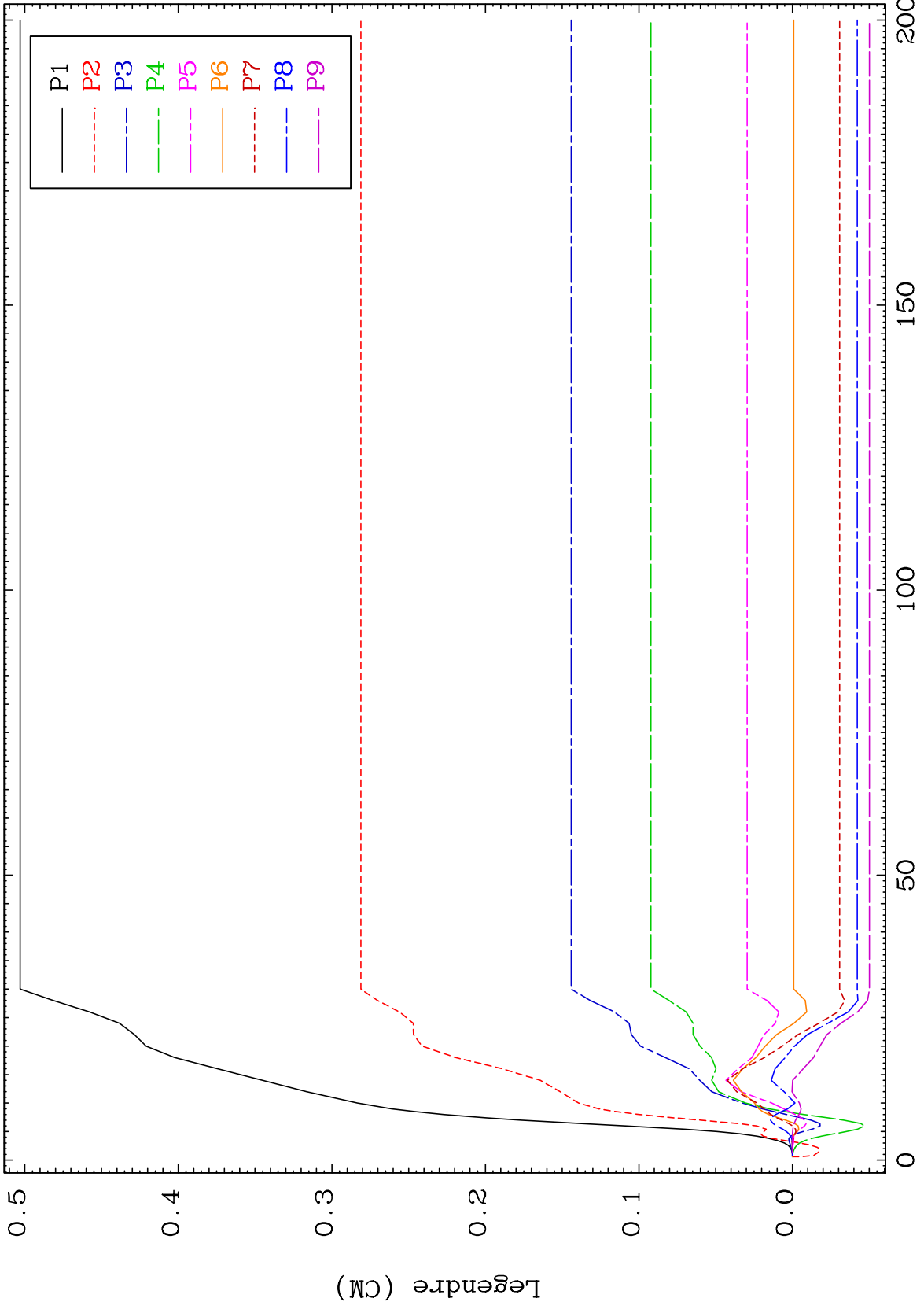


52-Te-117

Incident Energy (MeV)

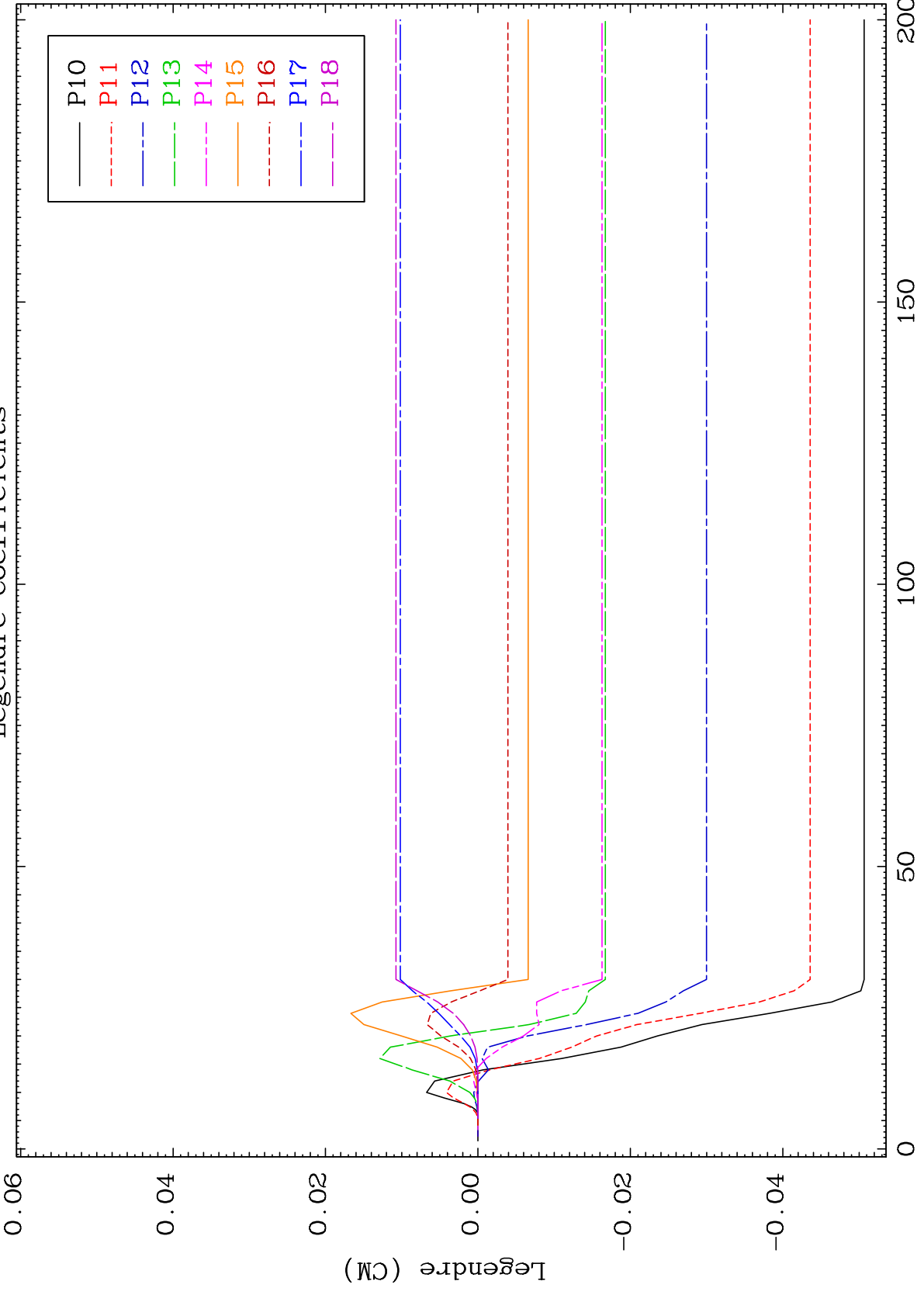
34

MAT 5216 MT= 55 (n,n') Level Legendre Coefficients 52-Te-117



52-Te-117 Incident Energy (MeV) 35

MAT 5216 MT= 55 (n,n') Level Legendre Coefficients 52-Te-117

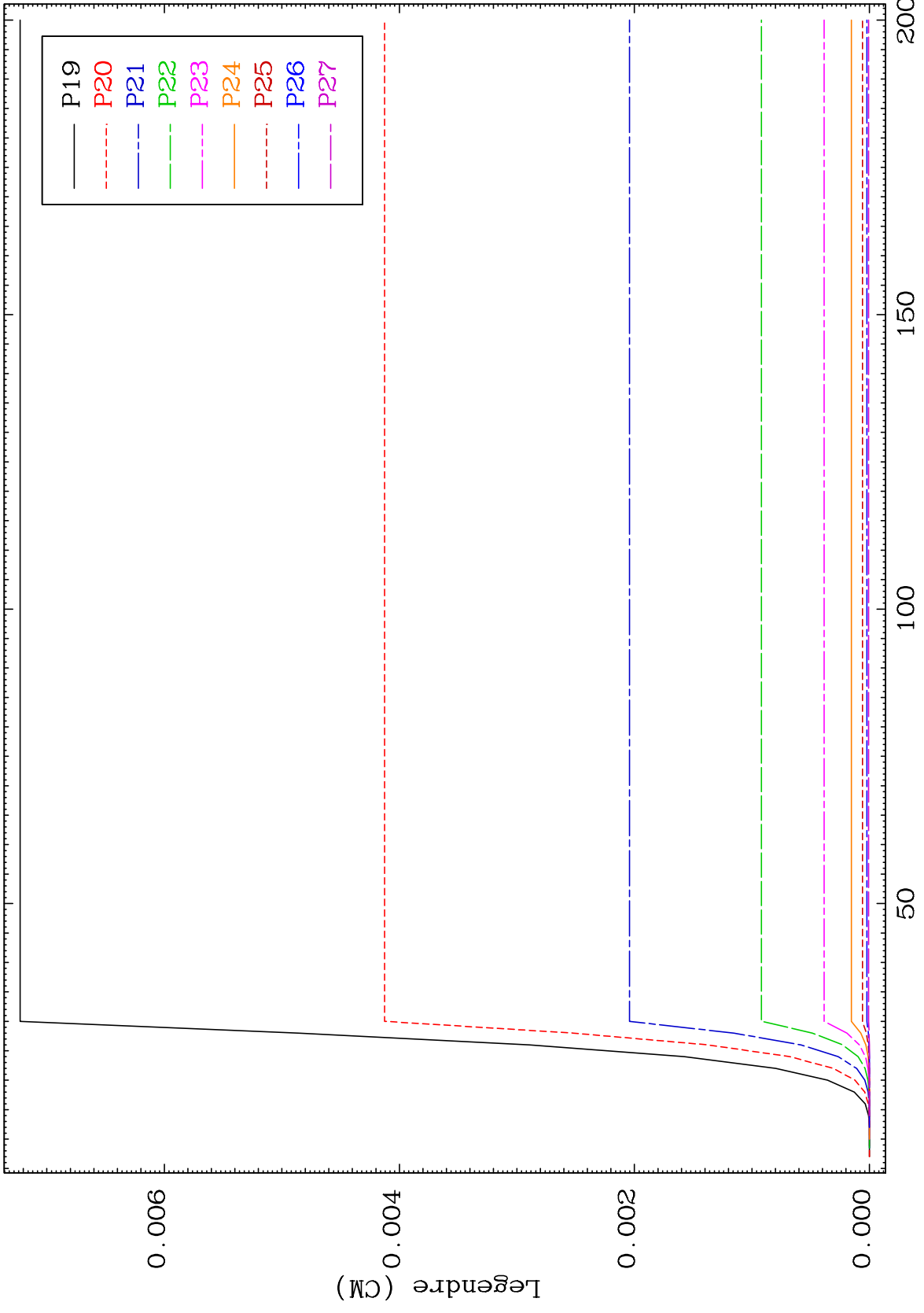


36 52-Te-117

MAT 5216

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

52-Te-117



37

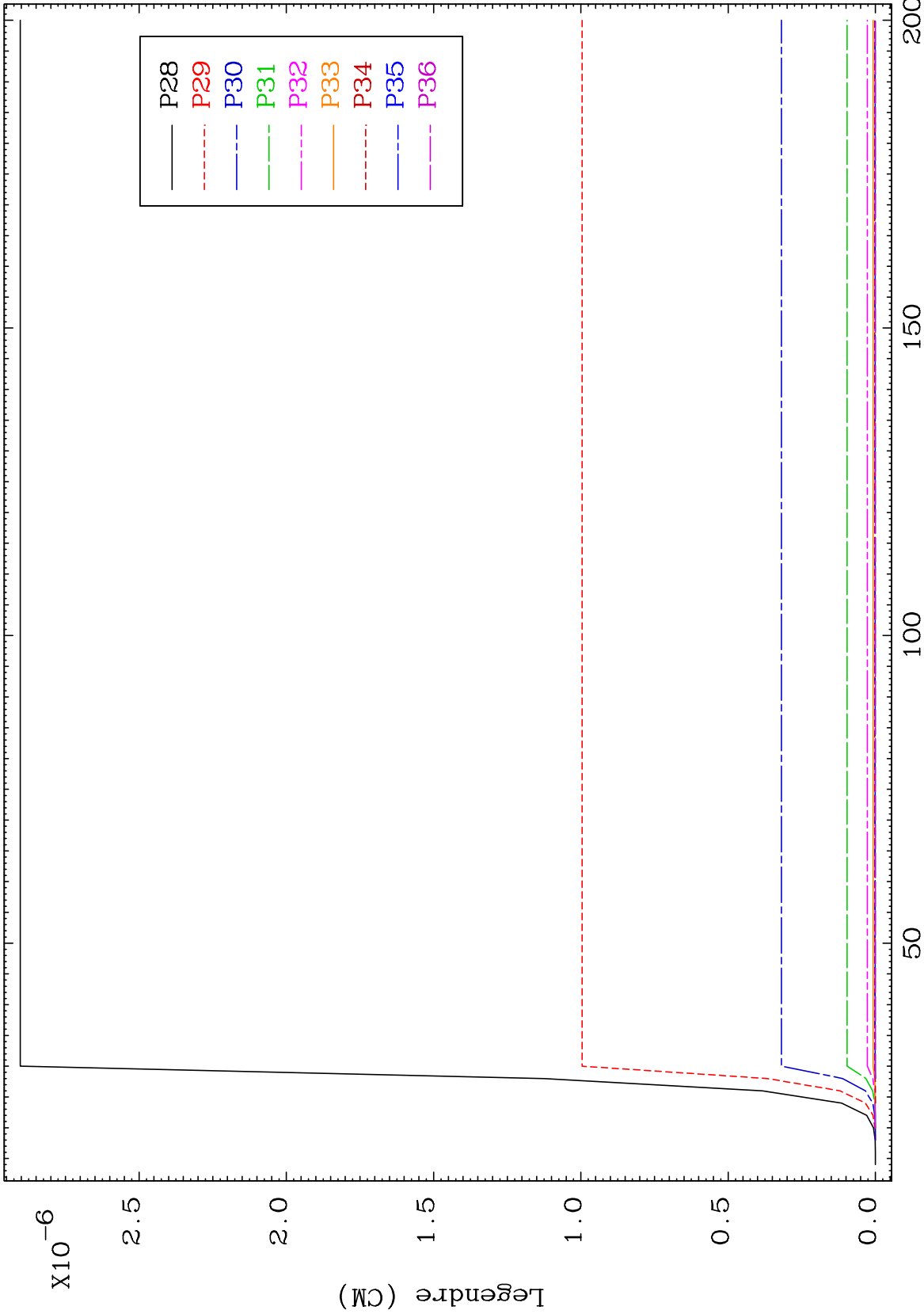
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



38

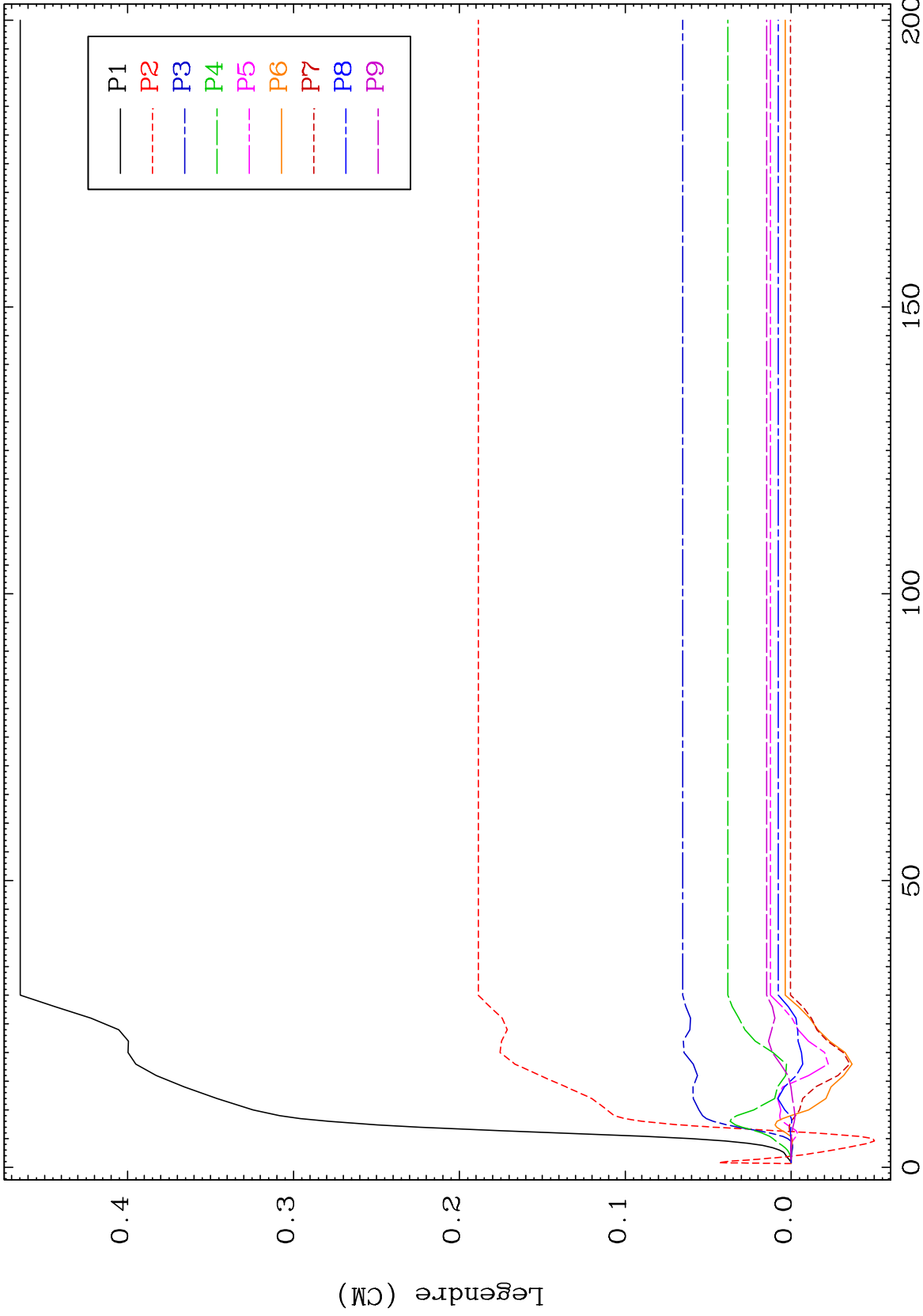
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



39

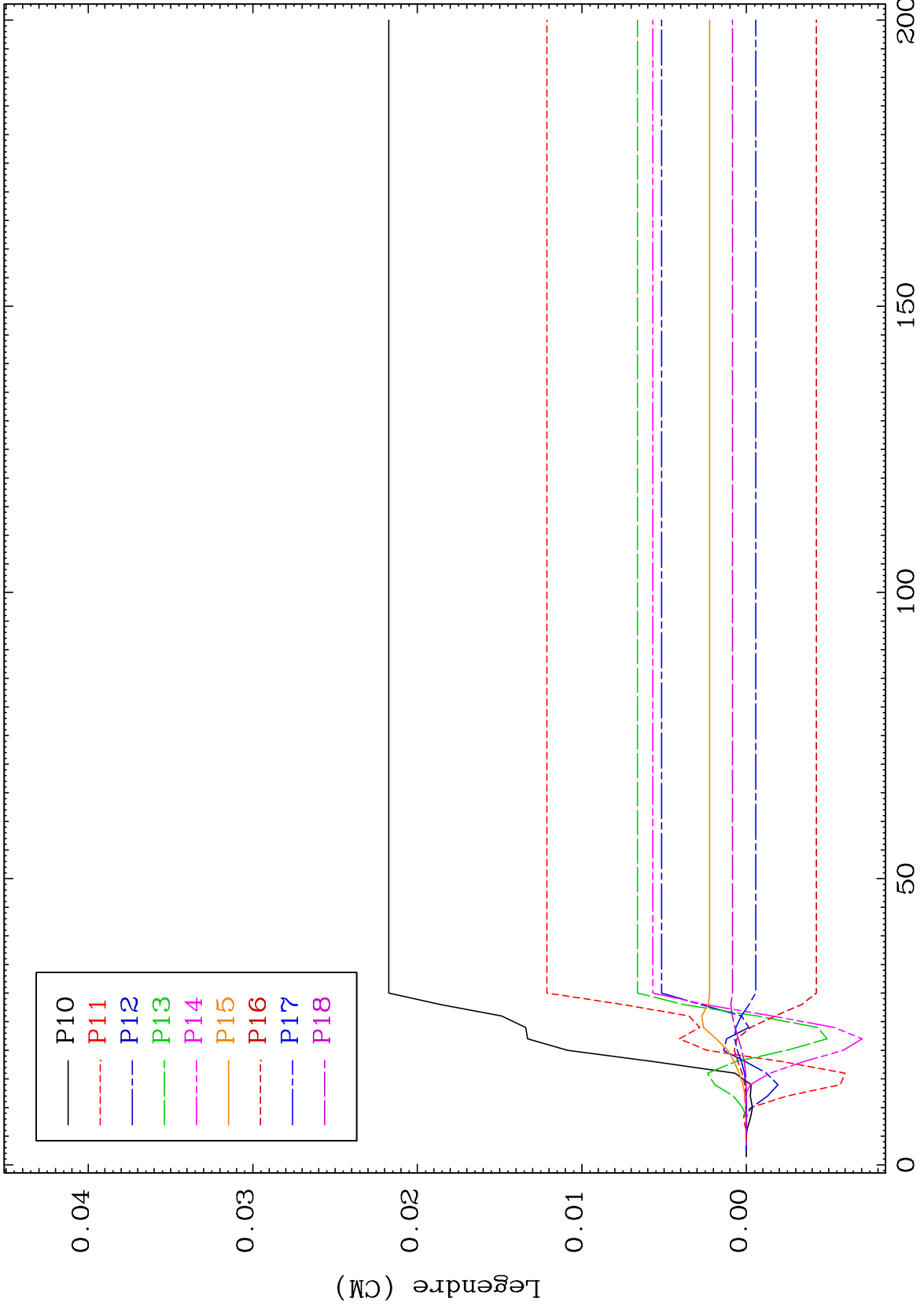
Incident Energy (MeV)

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MAT 5216

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

52-Te-117



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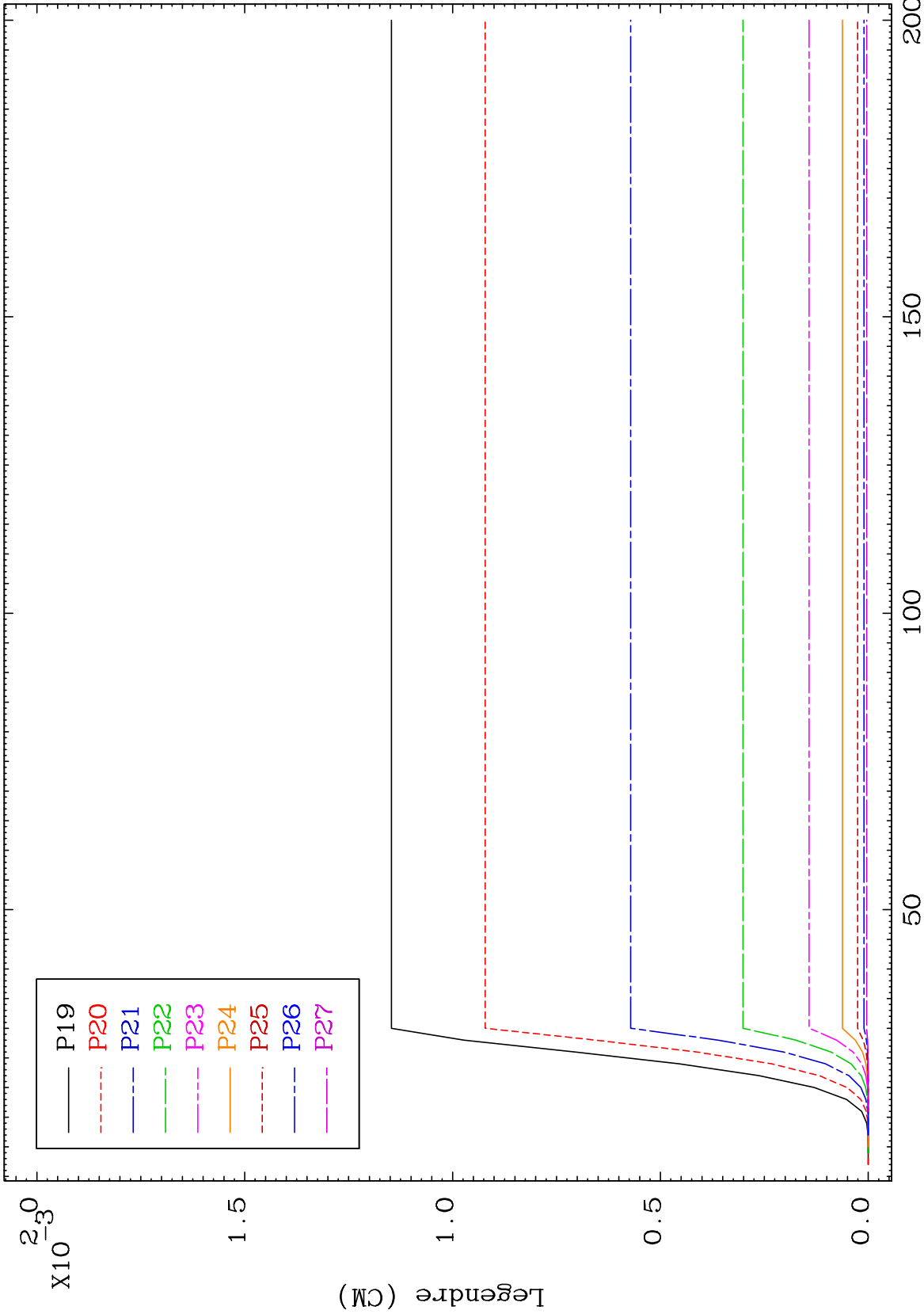
Incident Energy (MeV)

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MAT 5216

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

52-Te-117



41

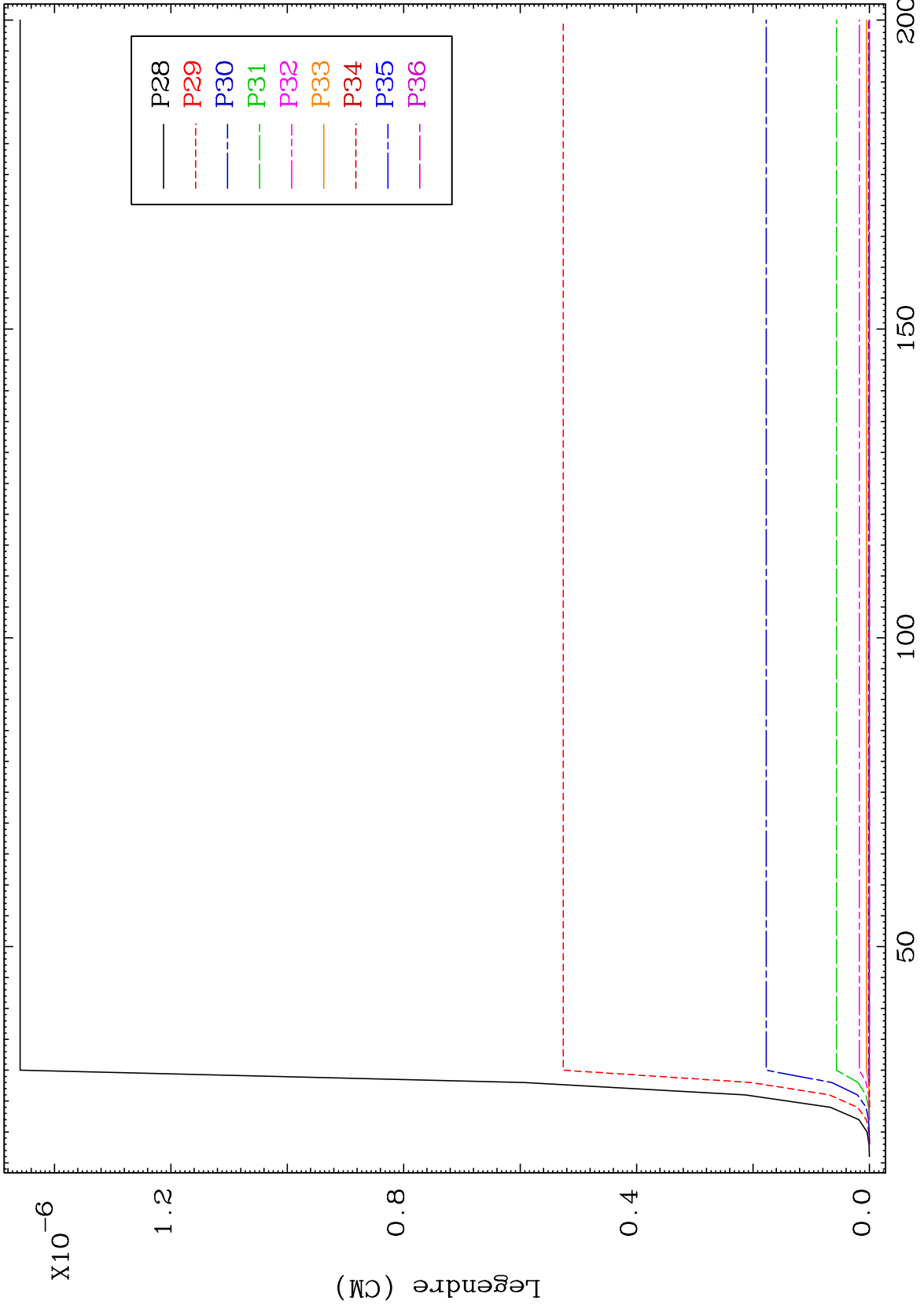
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



42

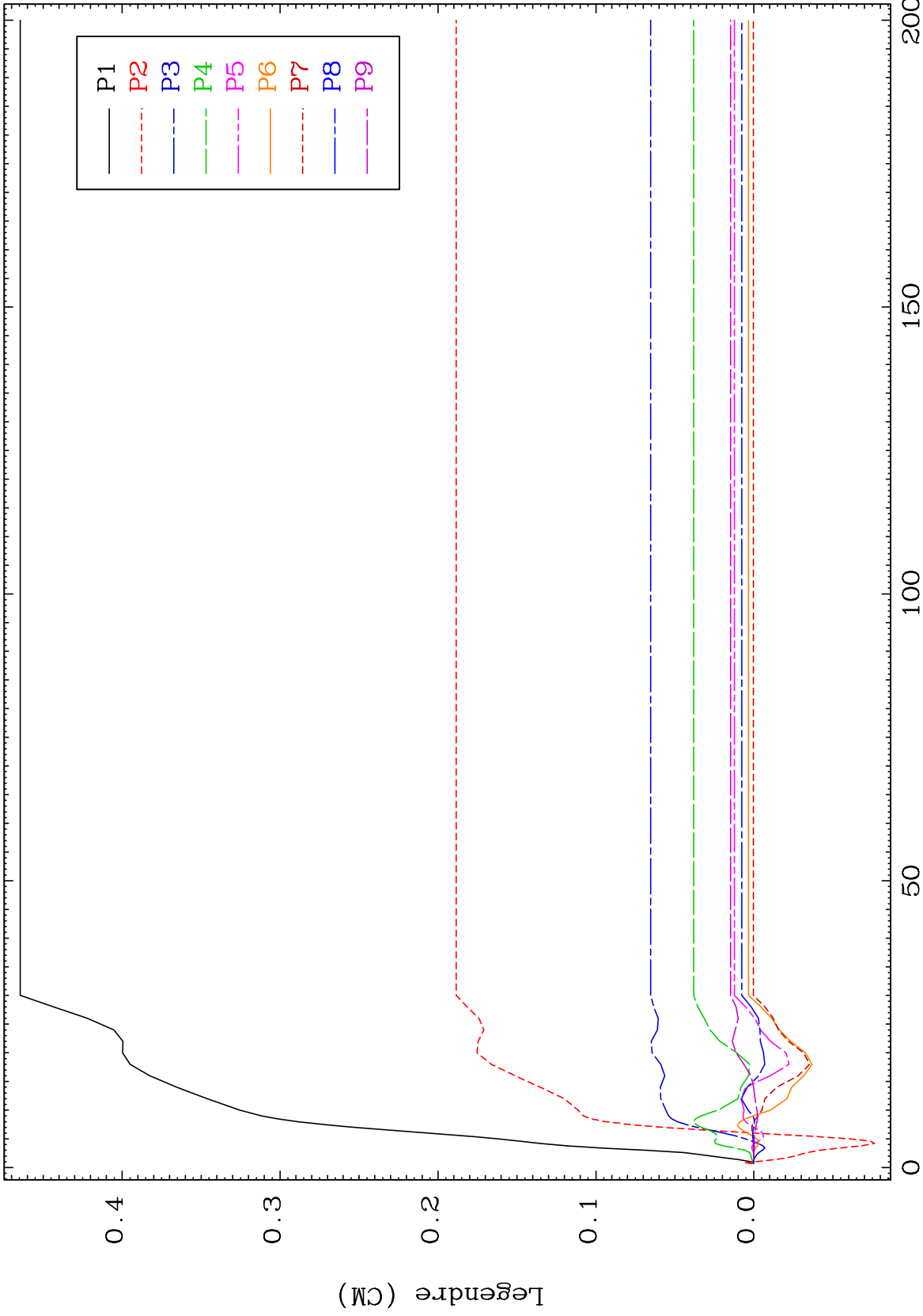
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



43

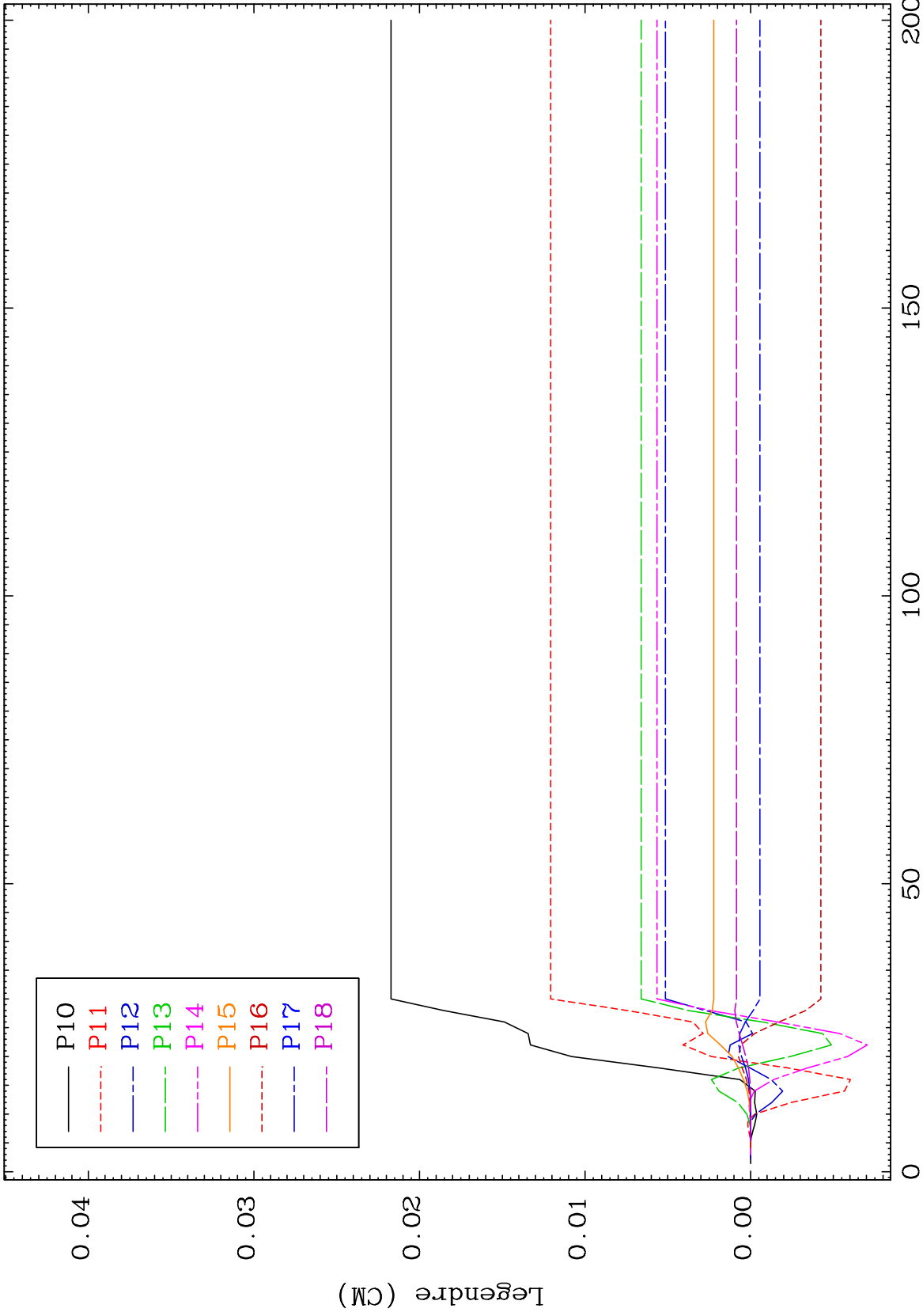
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



44

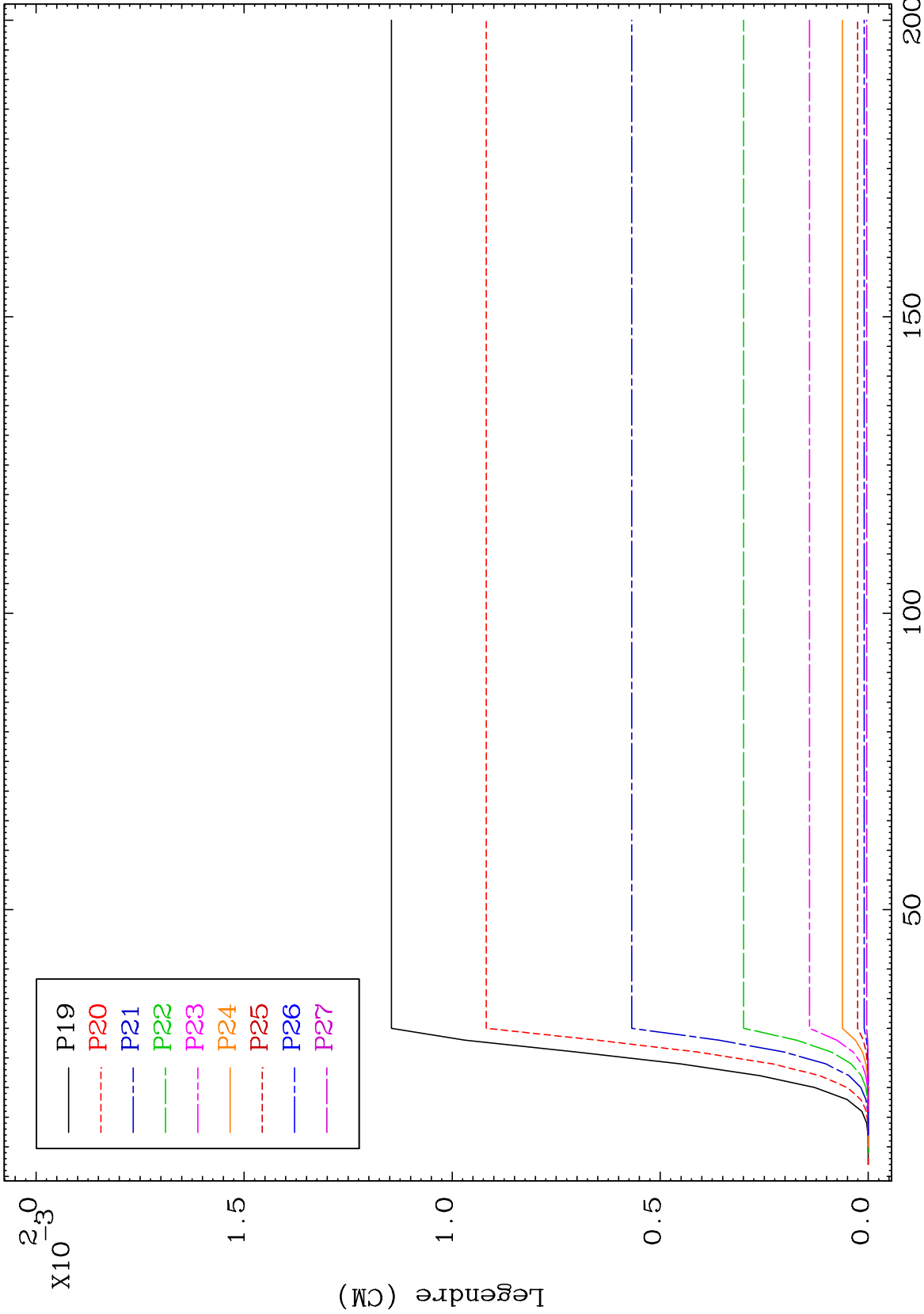
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



45

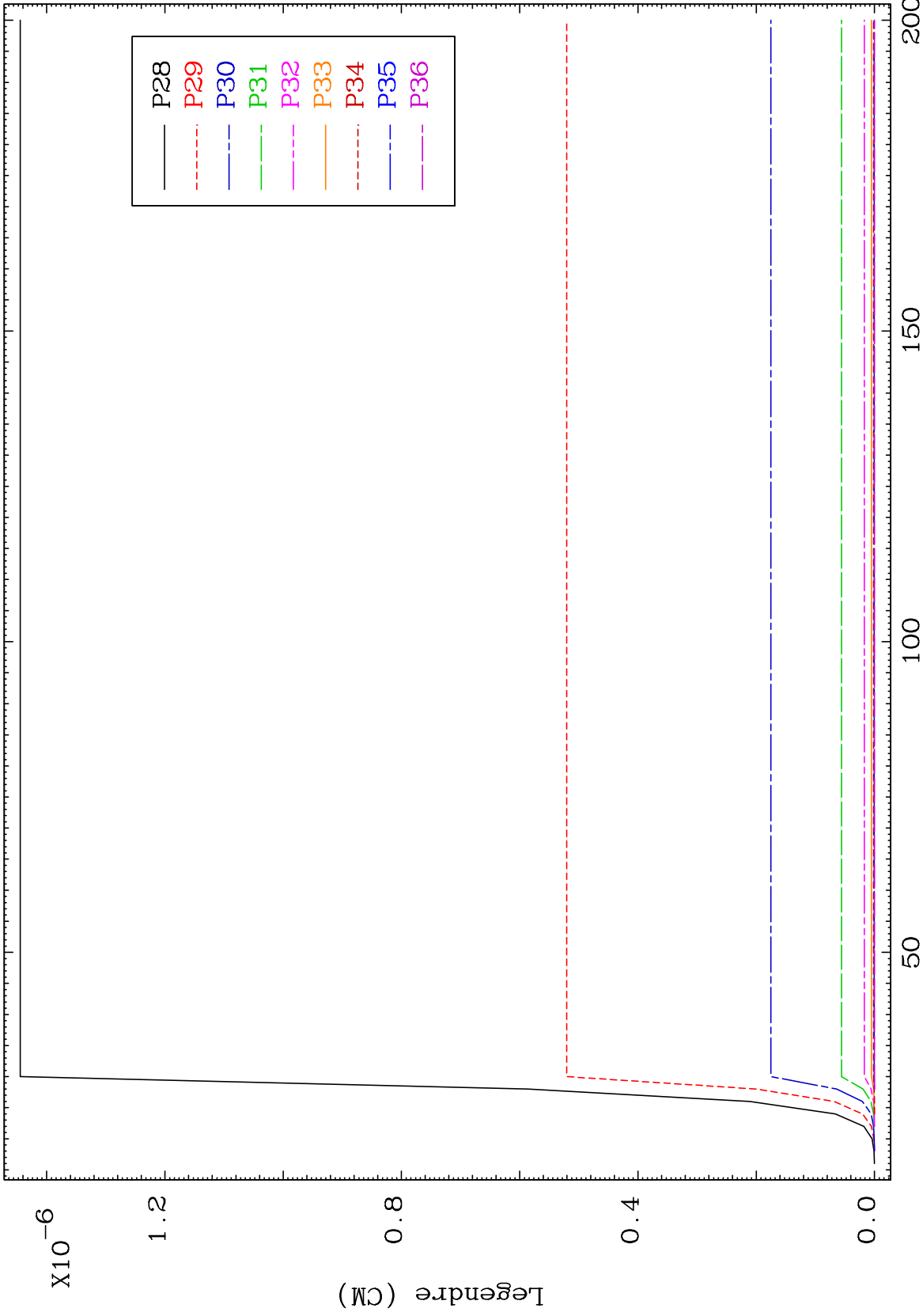
Incident Energy (MeV)

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MAT 5216

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

52-Te-117



46

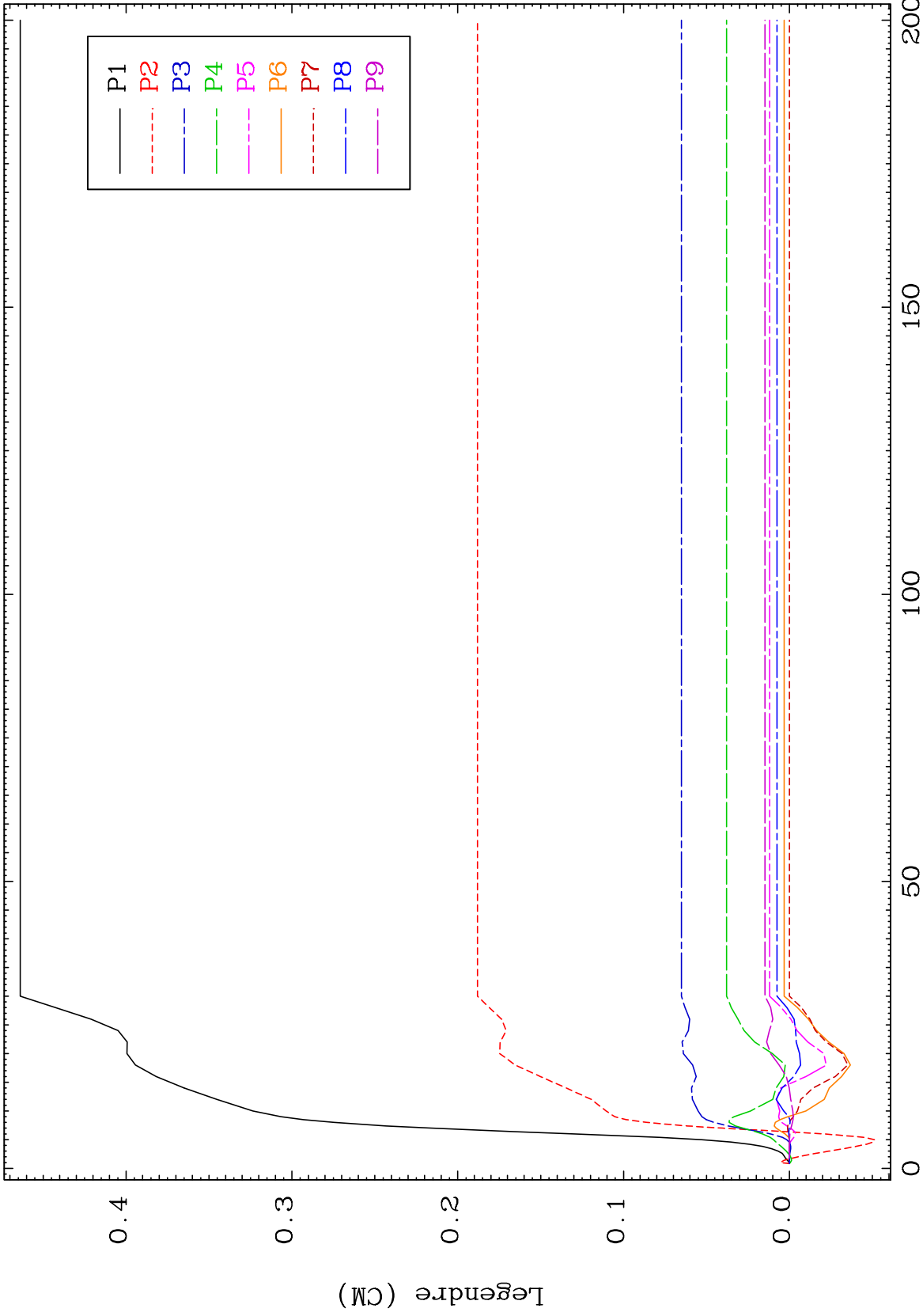
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



47

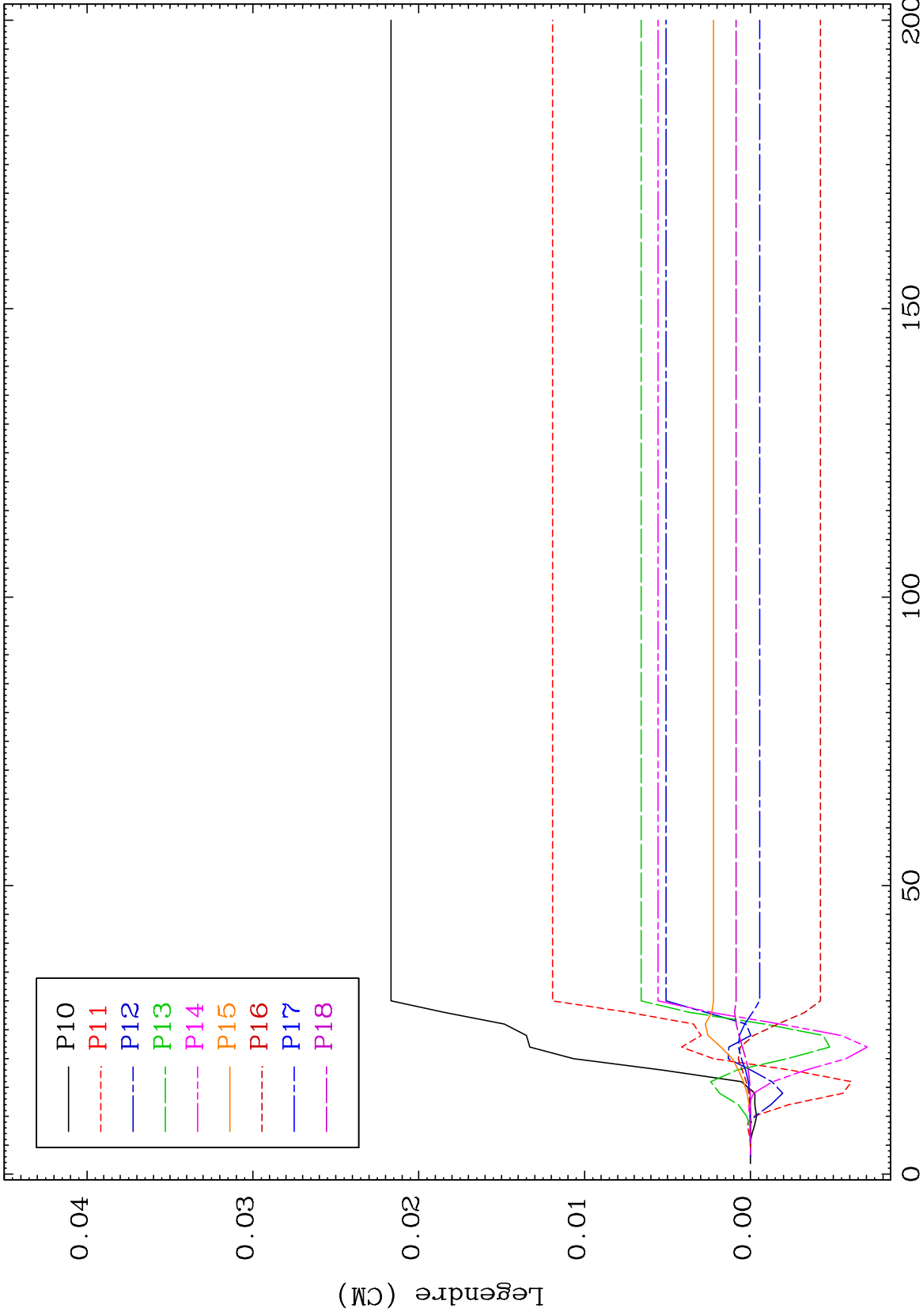
Incident Energy (MeV)

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MAT 5216

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

52-Te-117



48

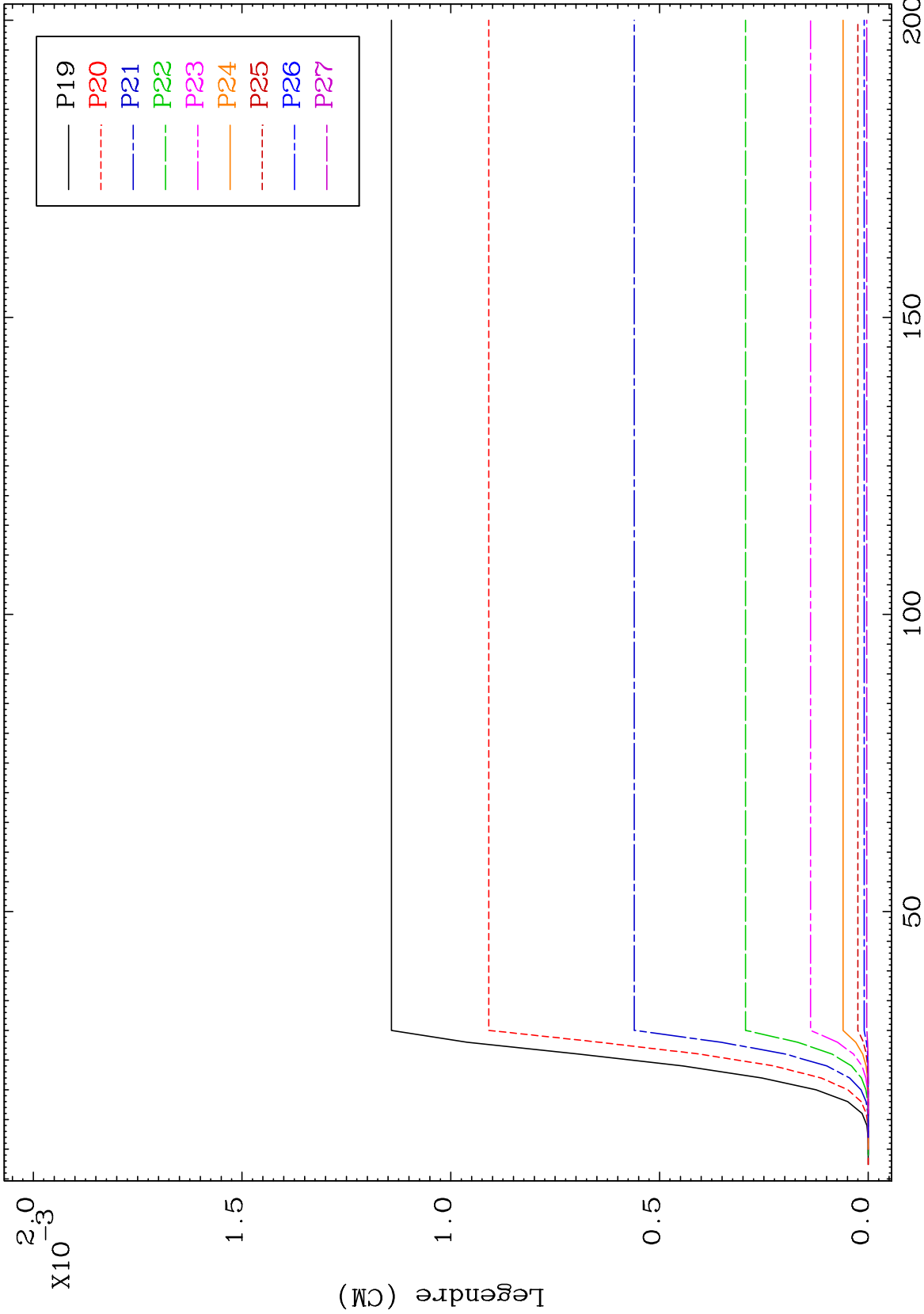
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



49

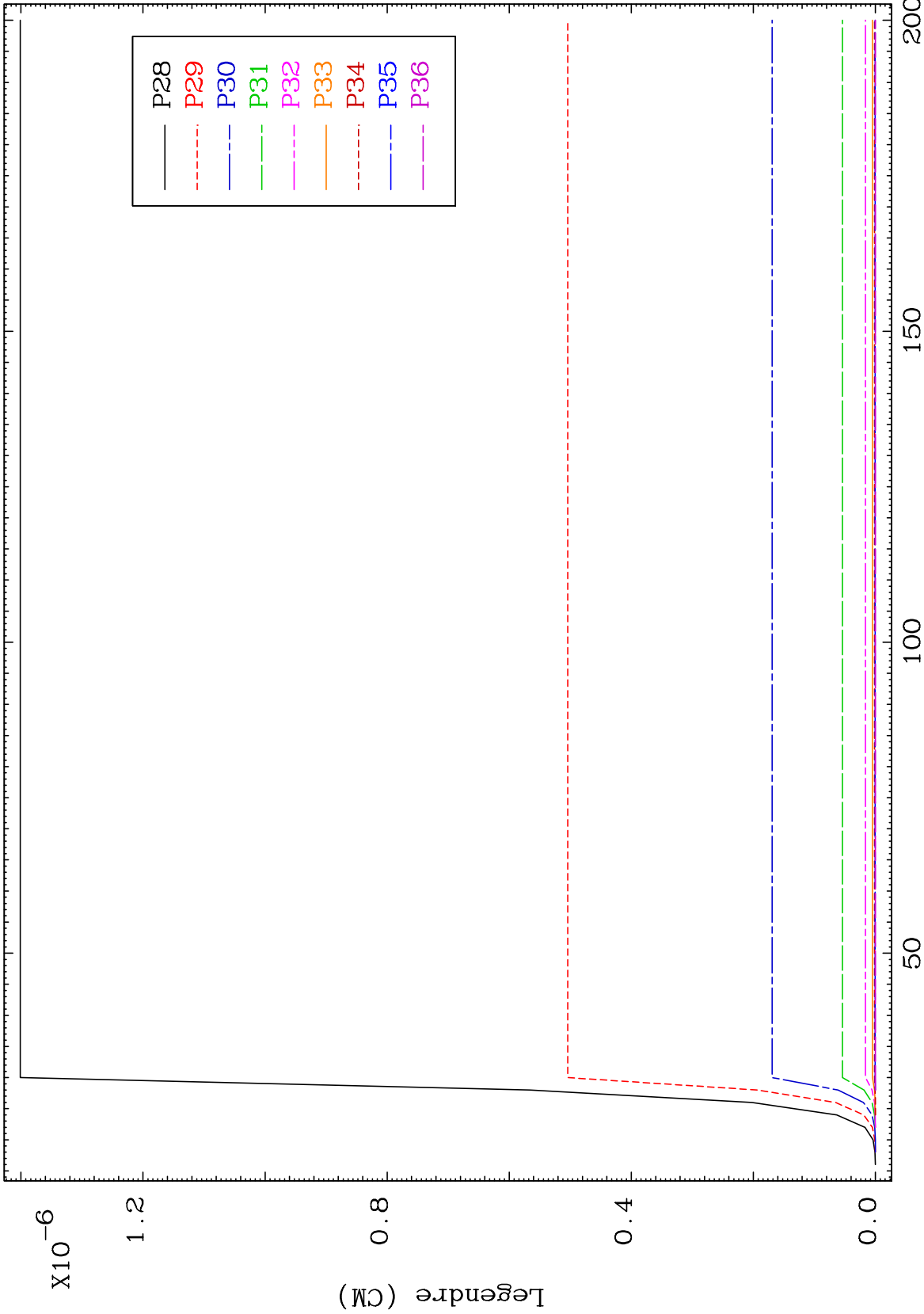
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



50

50

100

150

200

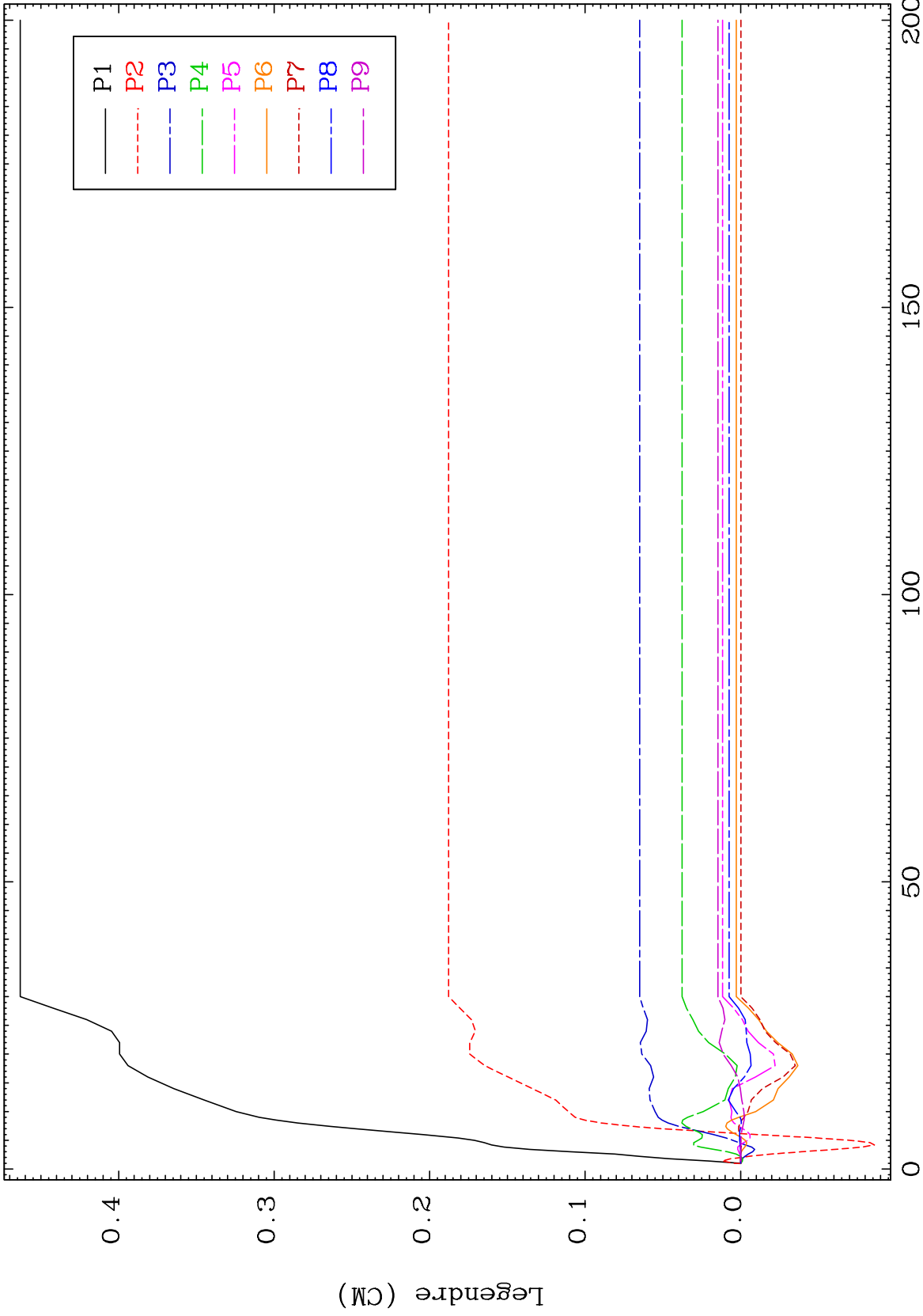
52-Te-117

52-Te-117

MAT 5216

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

52-Te-117



51

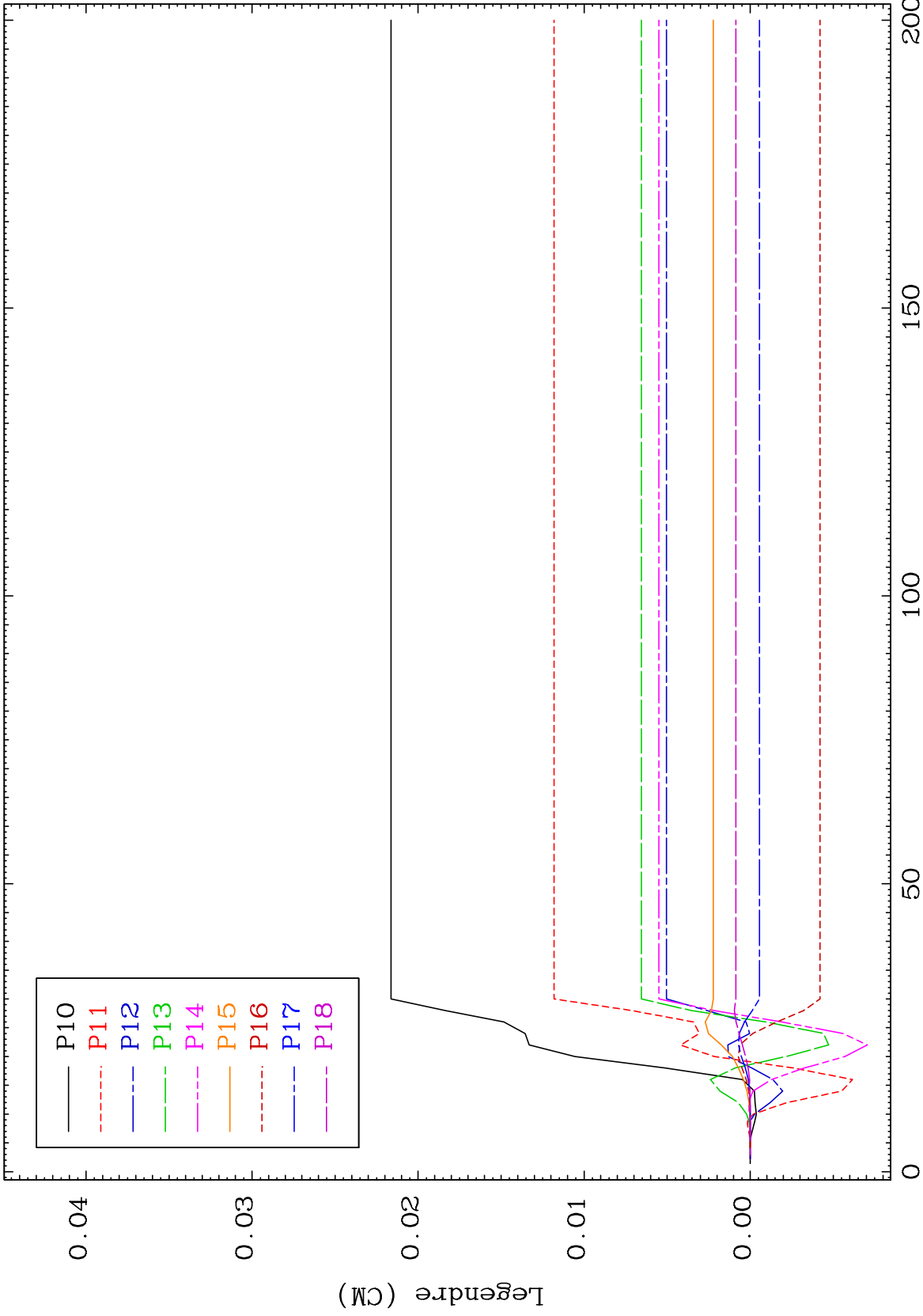
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



52

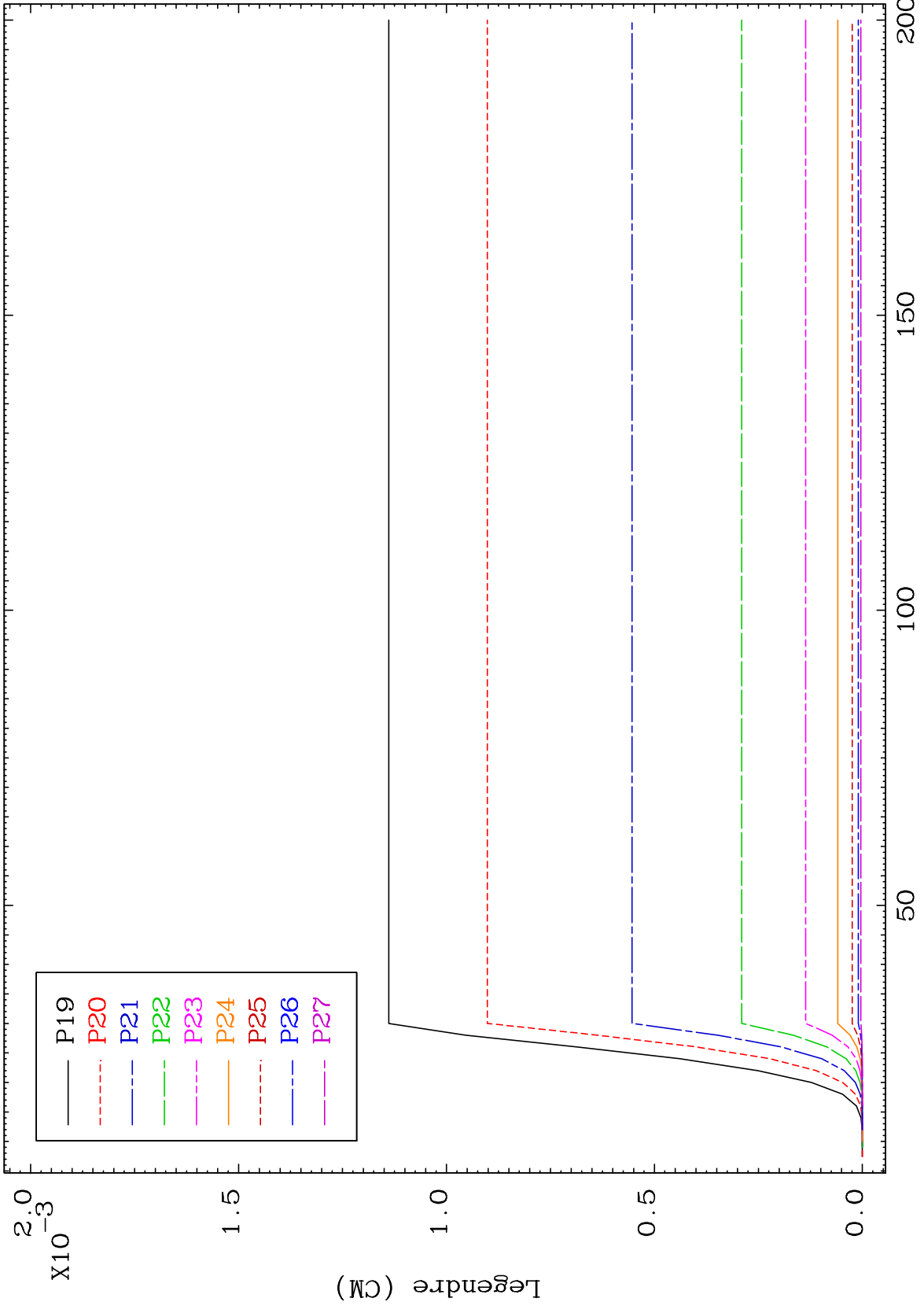
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



53

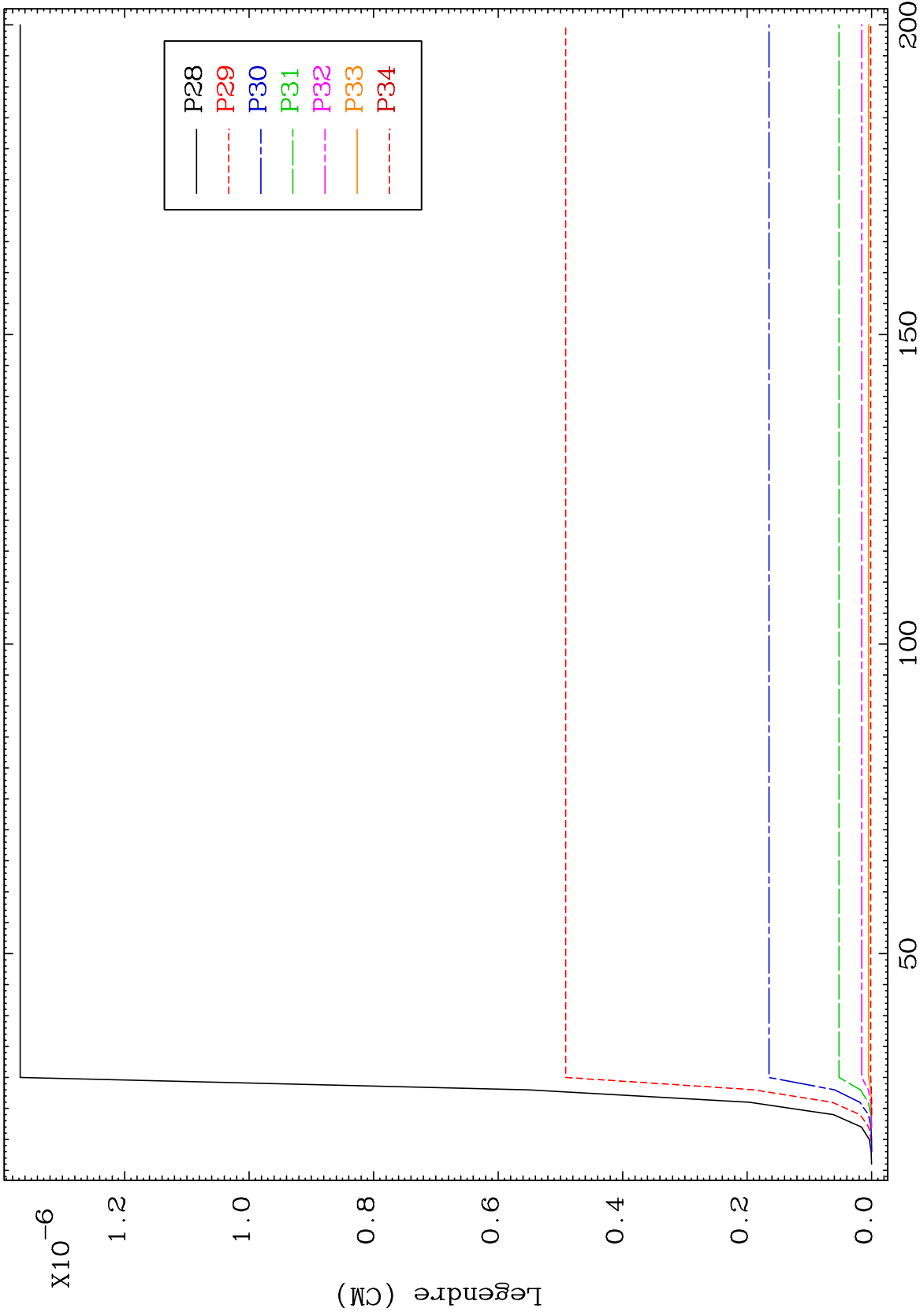
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117

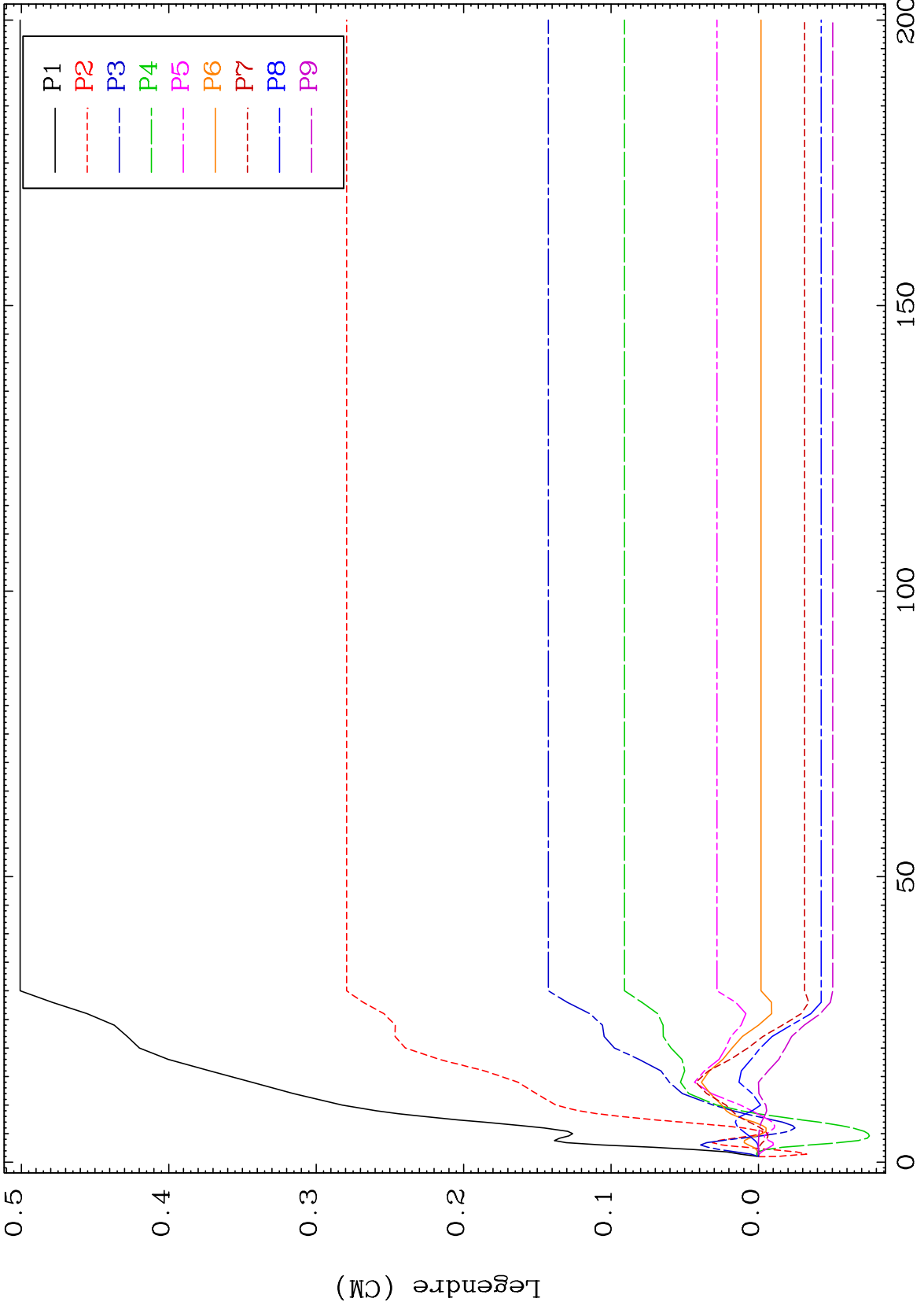


54

Incident Energy (MeV)

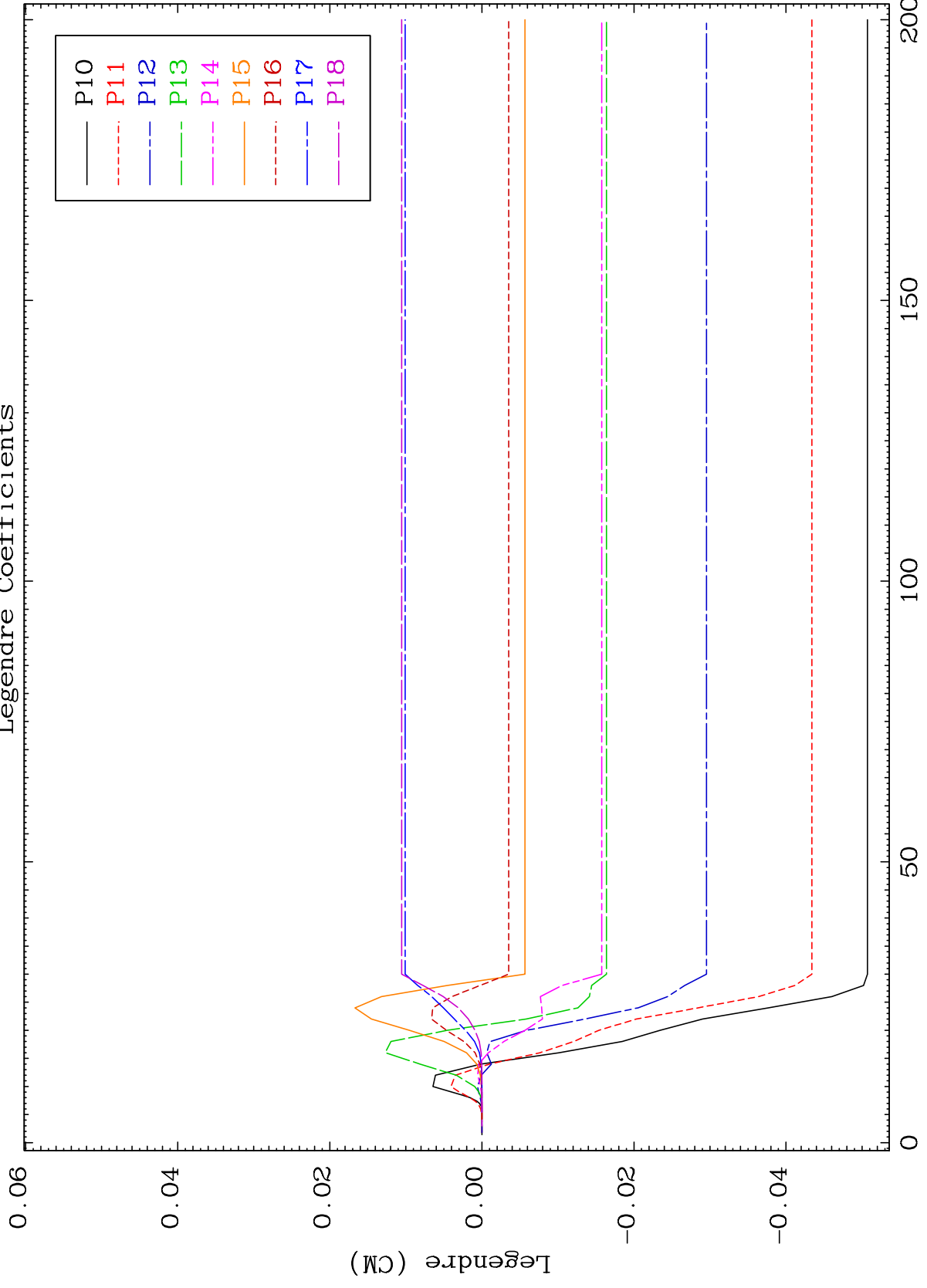
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MAT 5216 MT= 60 (n,n') Level Legendre Coefficients 52-Te-117



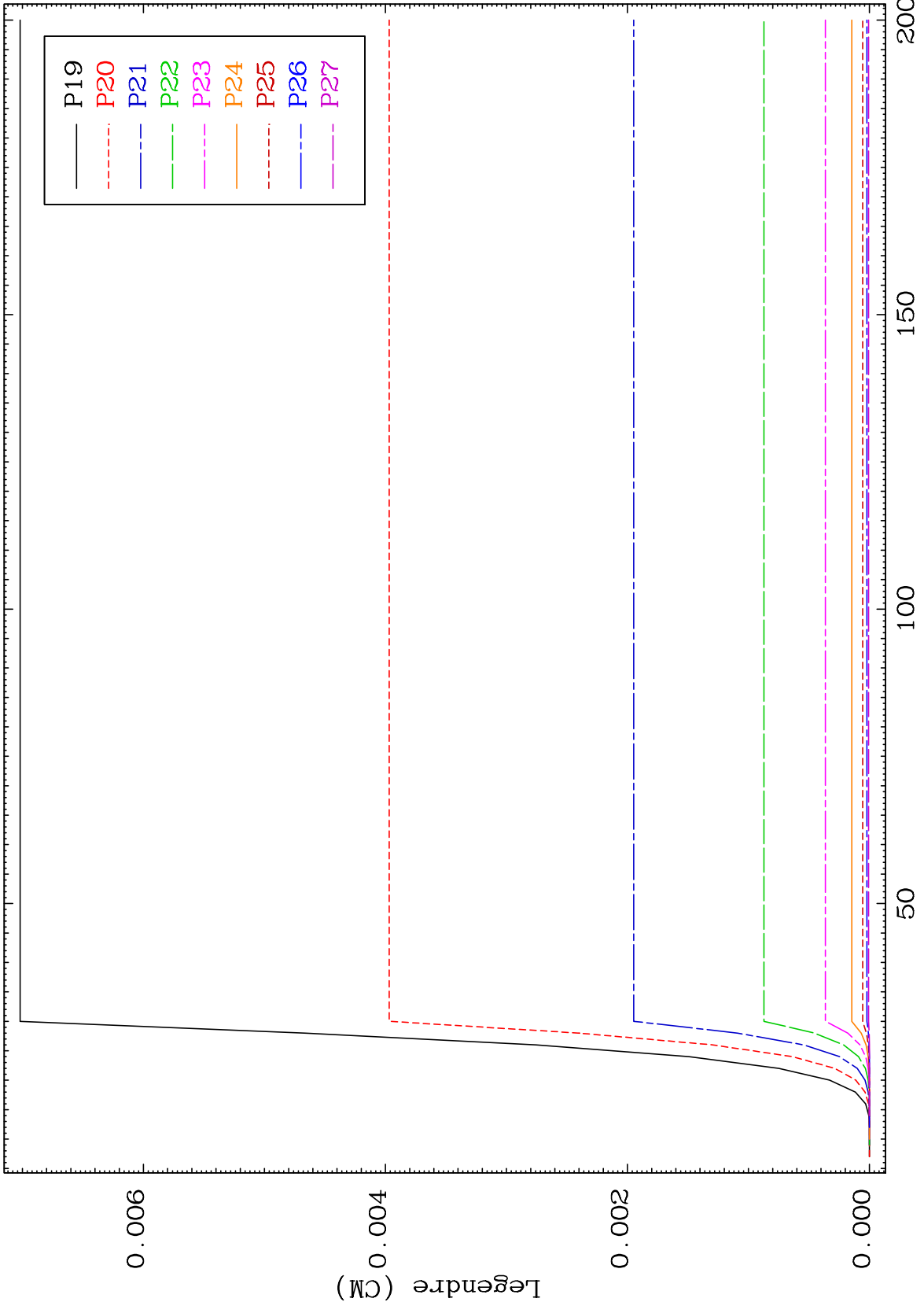
52-Te-117

MAT 5216 MT= 60 (n,n') Level Legendre Coefficients 52-Te-117



56 52-Te-117

MAT 5216 MT= 60 (n,n') Level Legendre Coefficients 52-Te-117

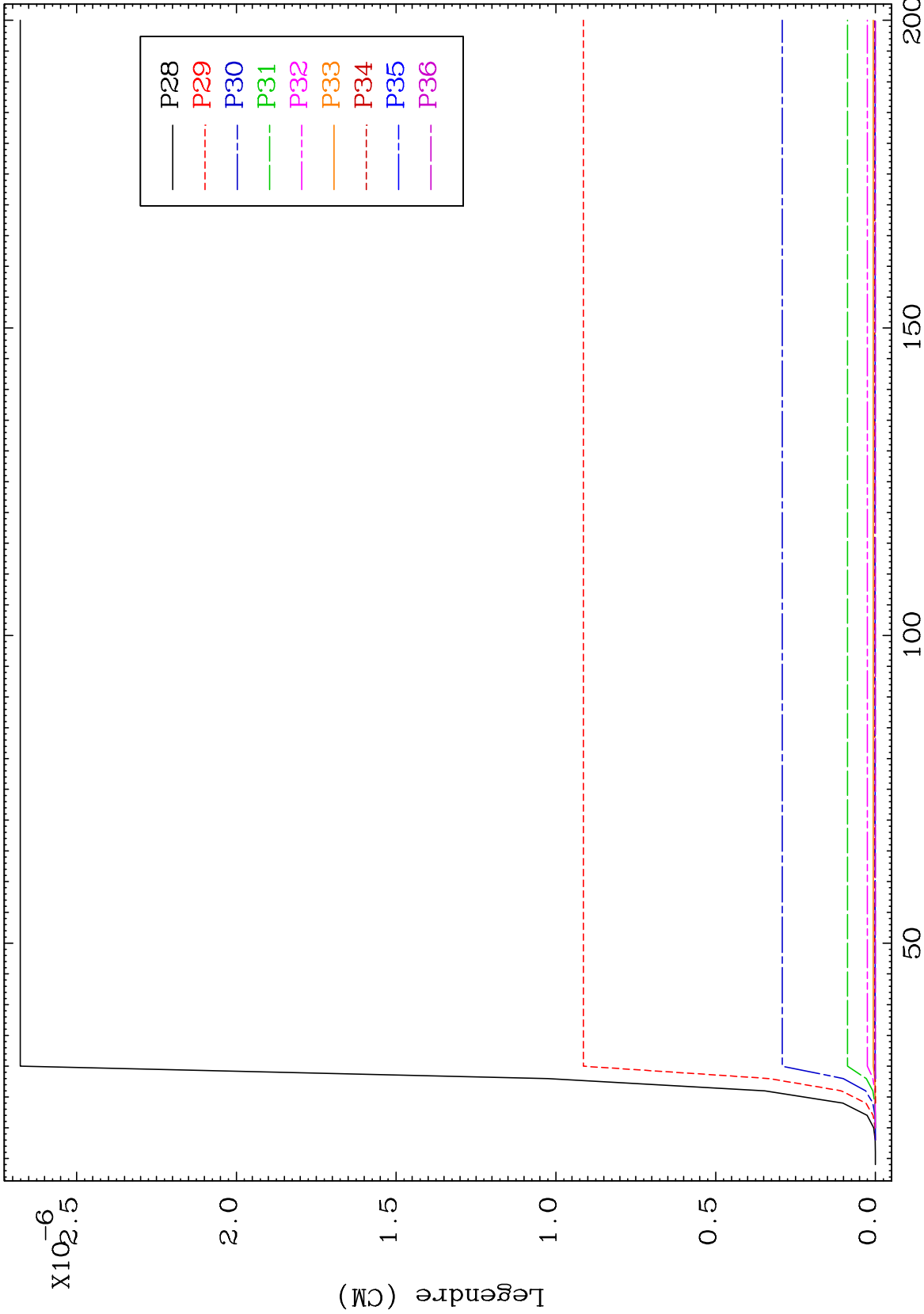


57 52-Te-117

MAT 5216

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

52-Te-117



58

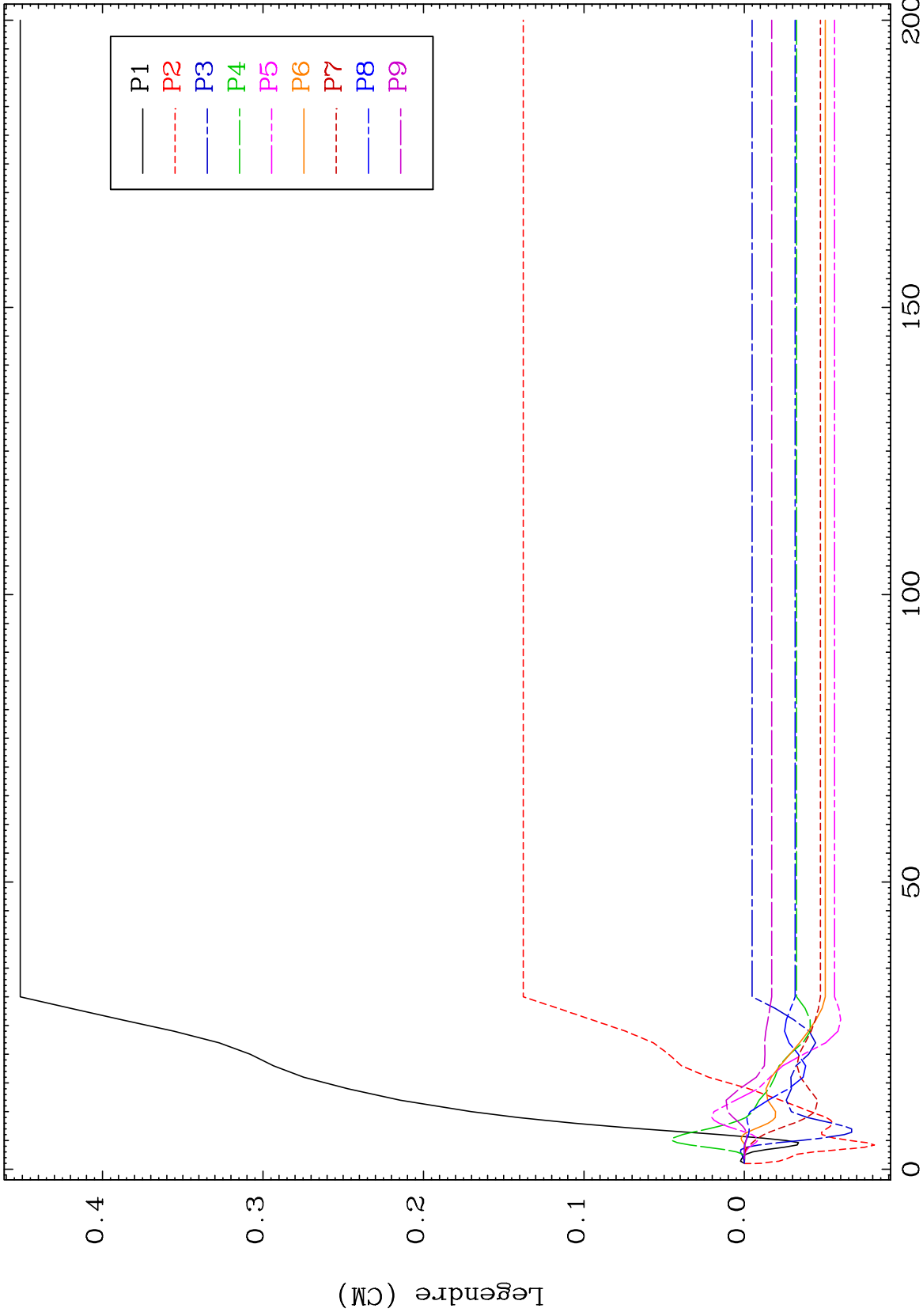
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117

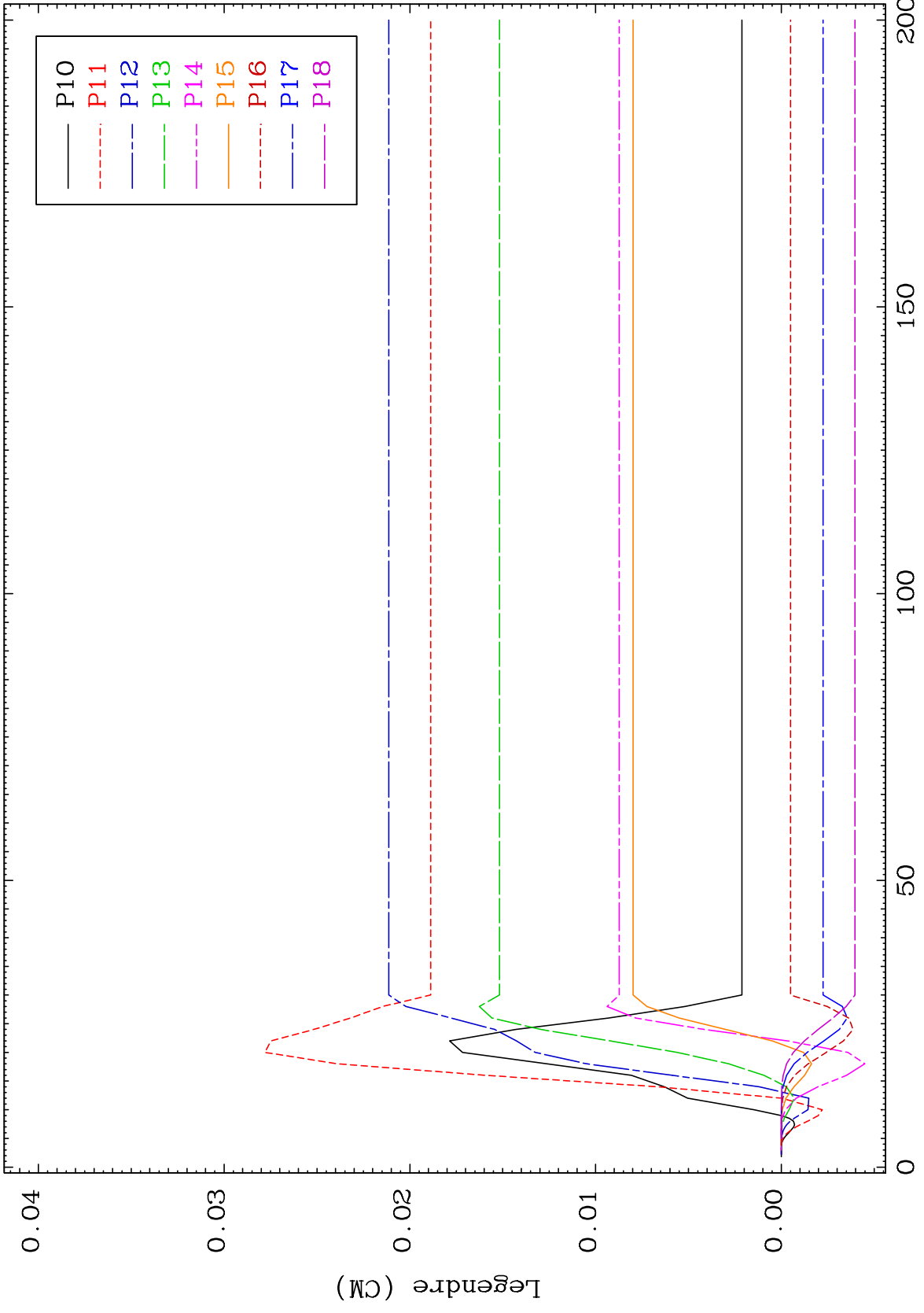


59

Incident Energy (MeV)

52-Te-117

MAT 5216 MT= 61 (n,n') Level Legendre Coefficients 52-Te-117

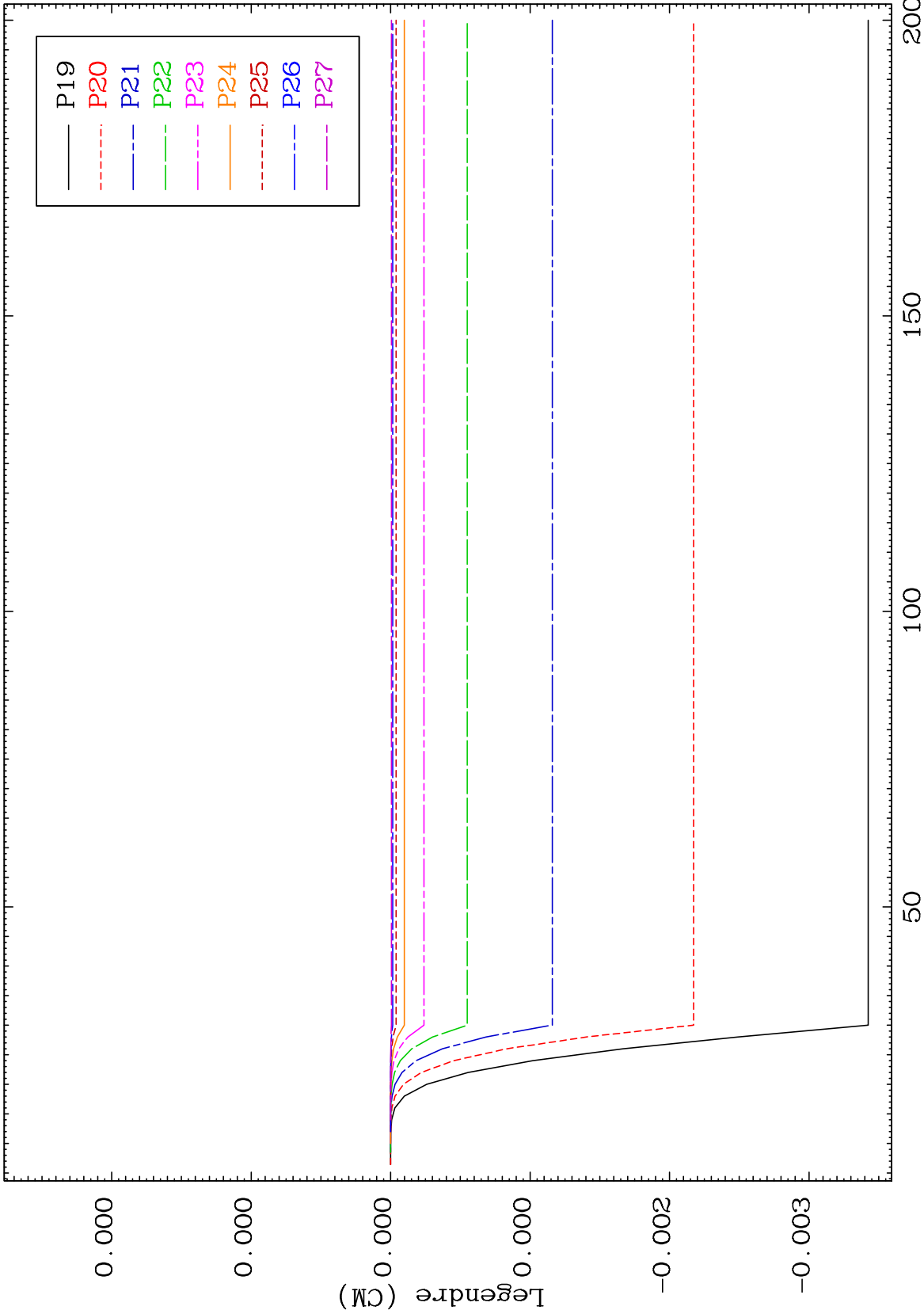


60 50 100 150 200 Incident Energy (MeV) 52-Te-117

MAT 5216

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

52-Te-117



61

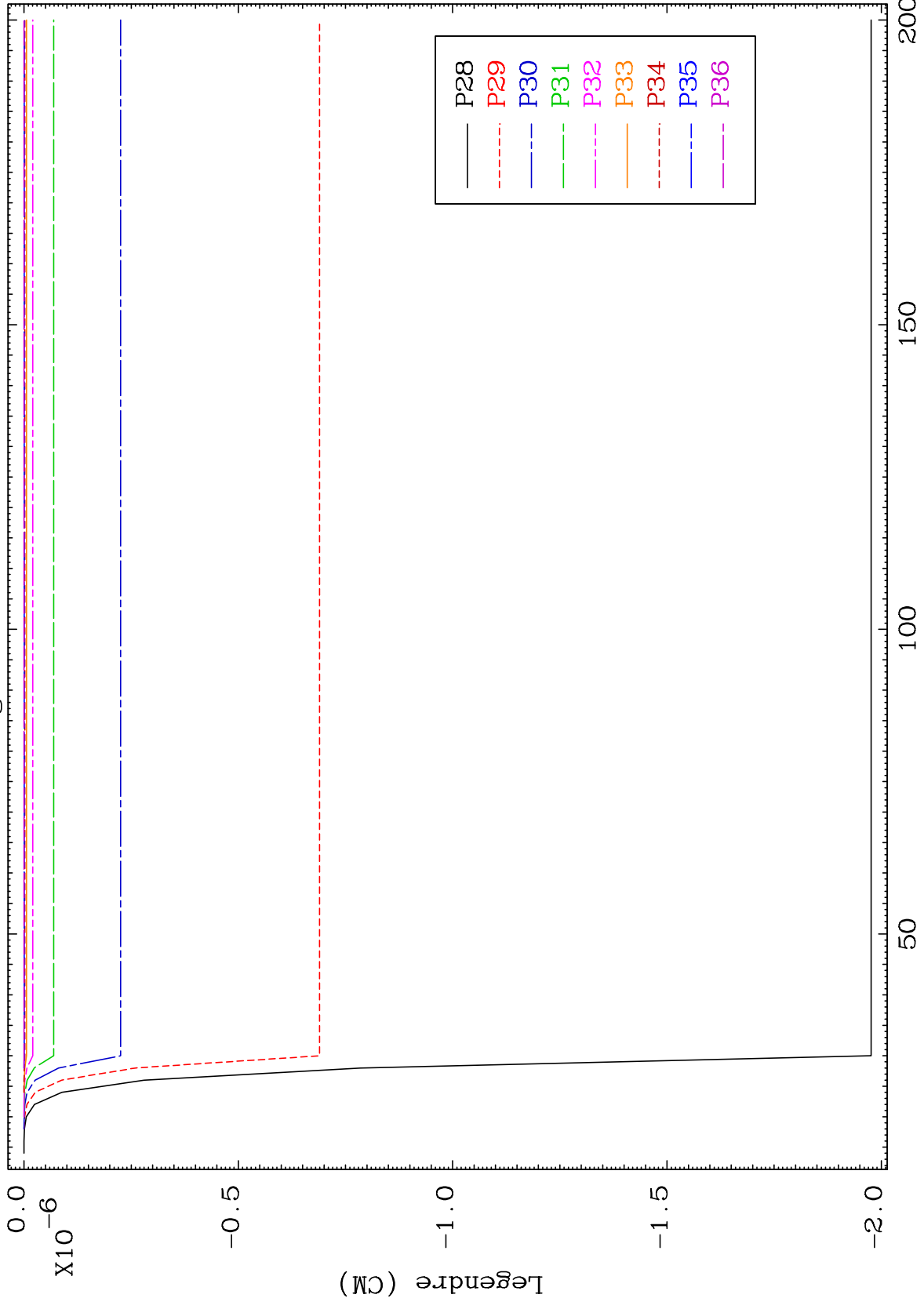
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117

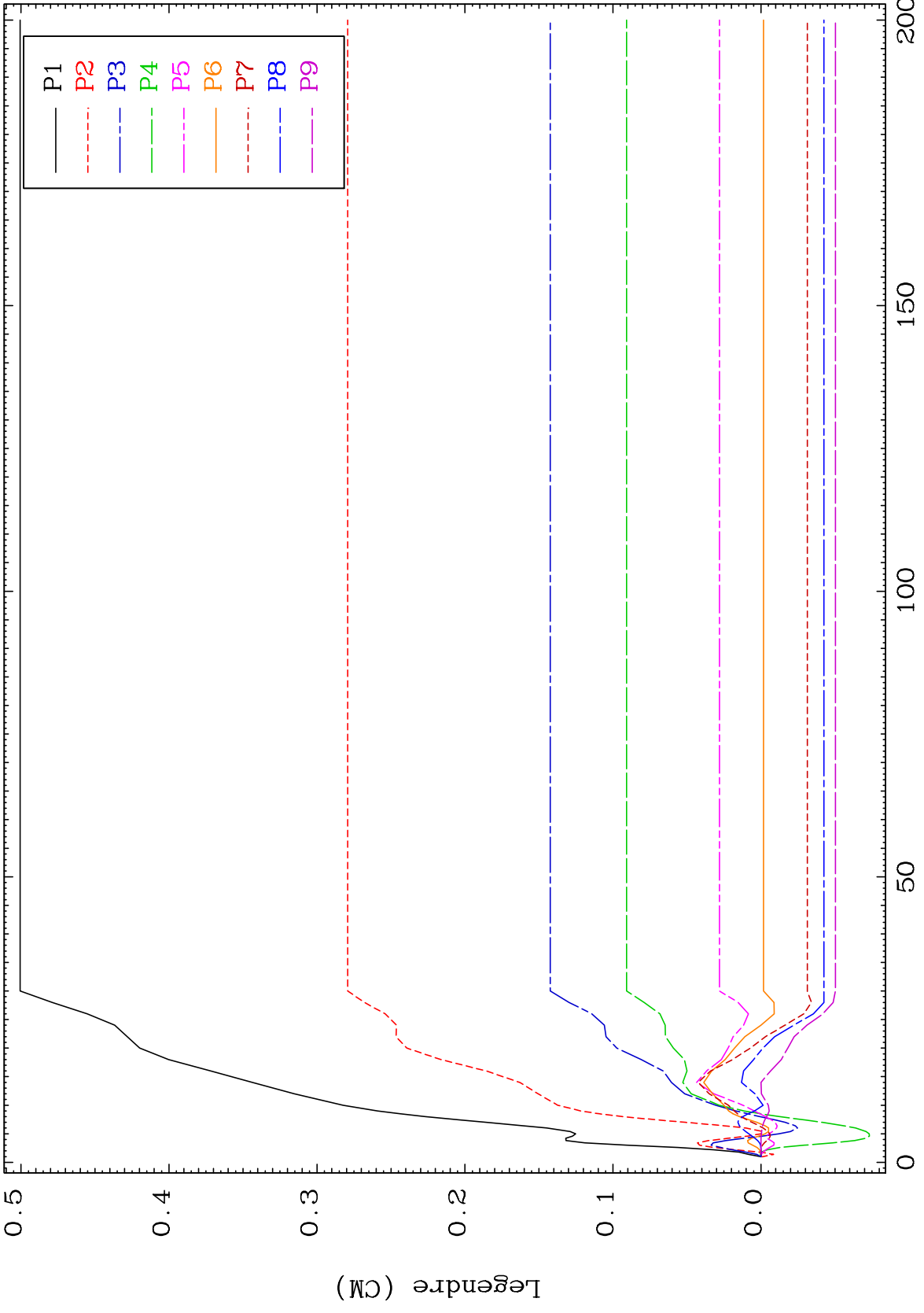


52-Te-117

Incident Energy (MeV)

62

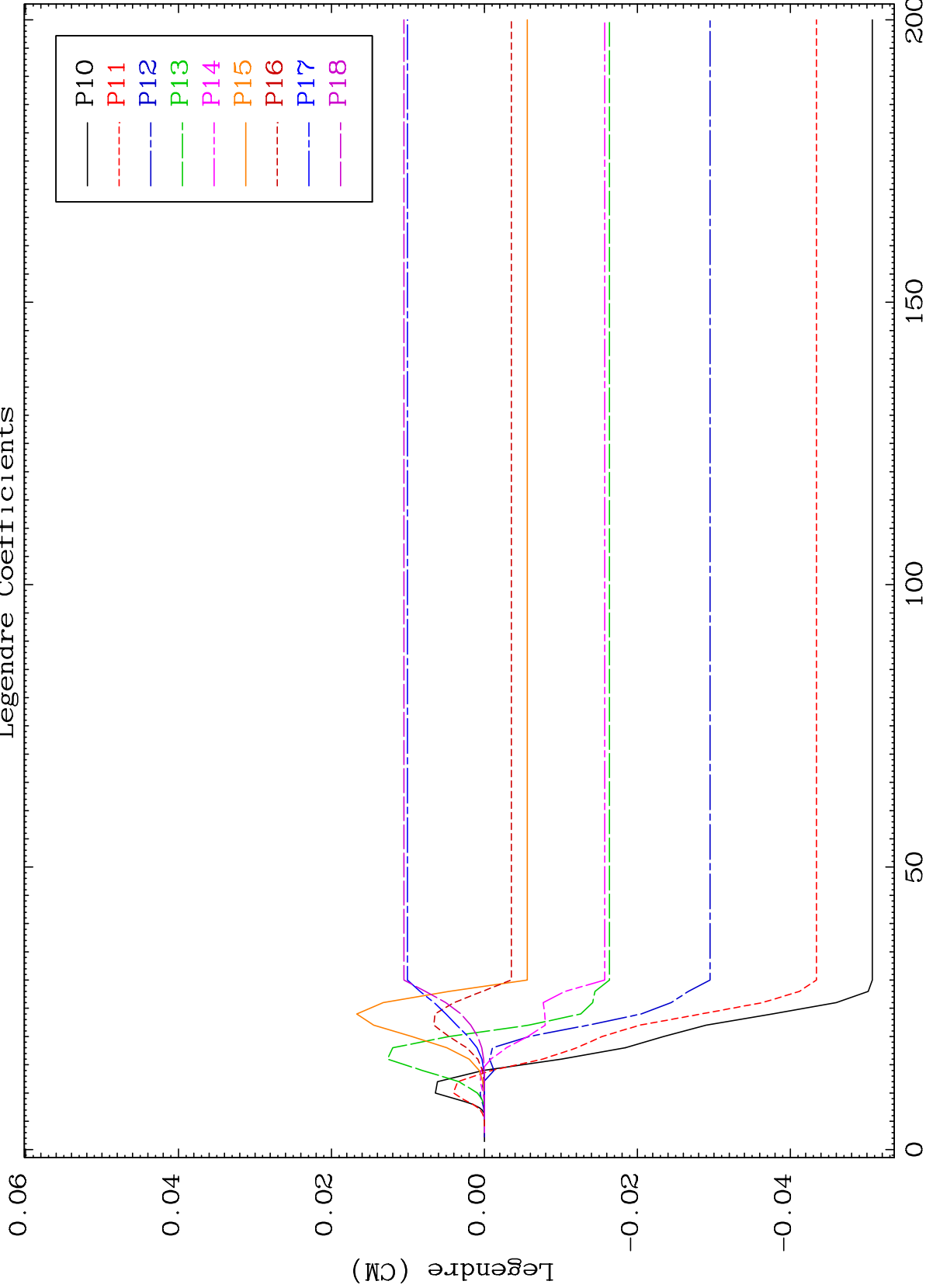
MAT 5216 MT= 62 (n,n') Level Legendre Coefficients 52-Te-117



63 52-Te-117

MAT 5216 MT= 62 (n,n') Level Legendre Coefficients

52-Te-117



64

Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



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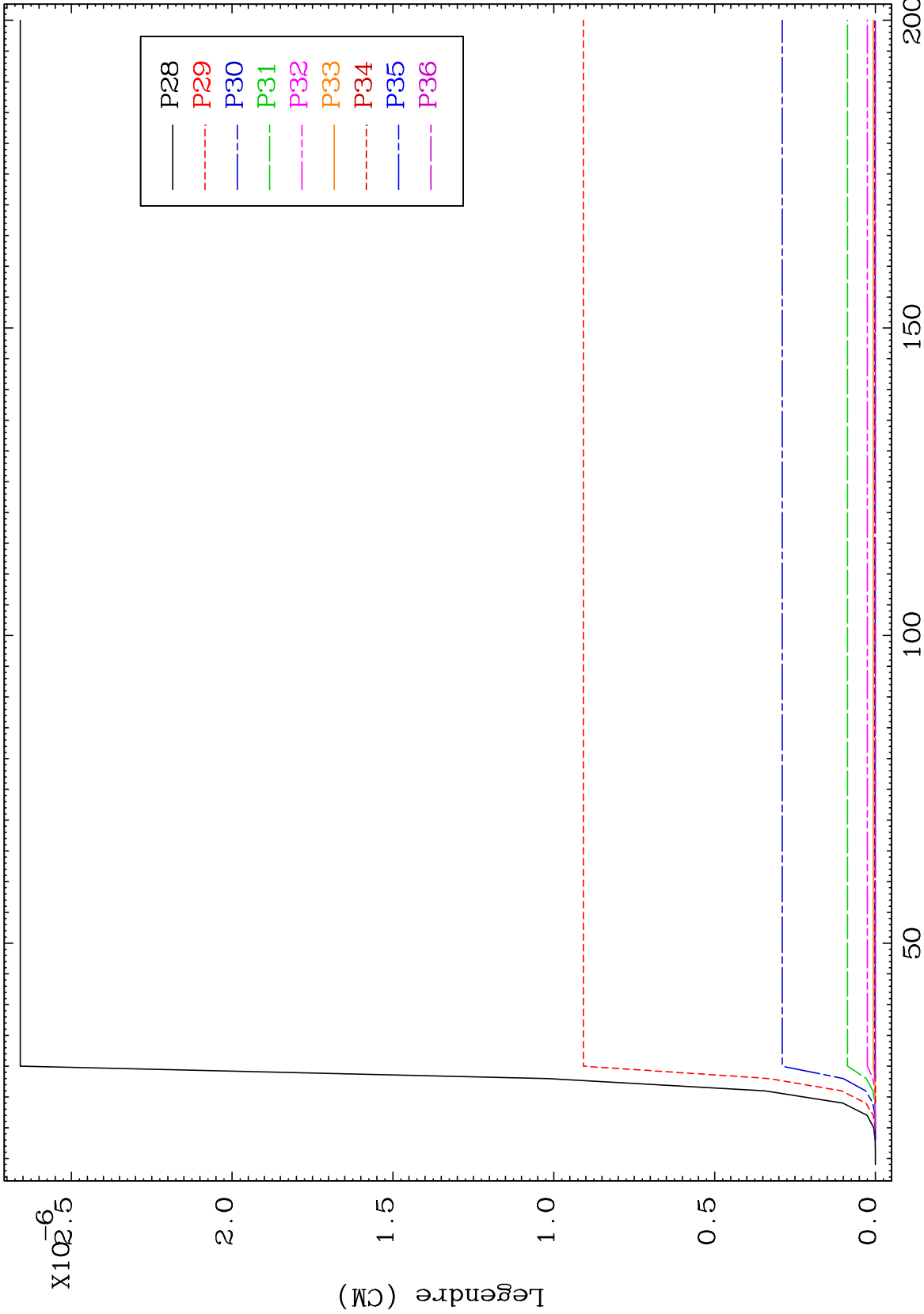
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



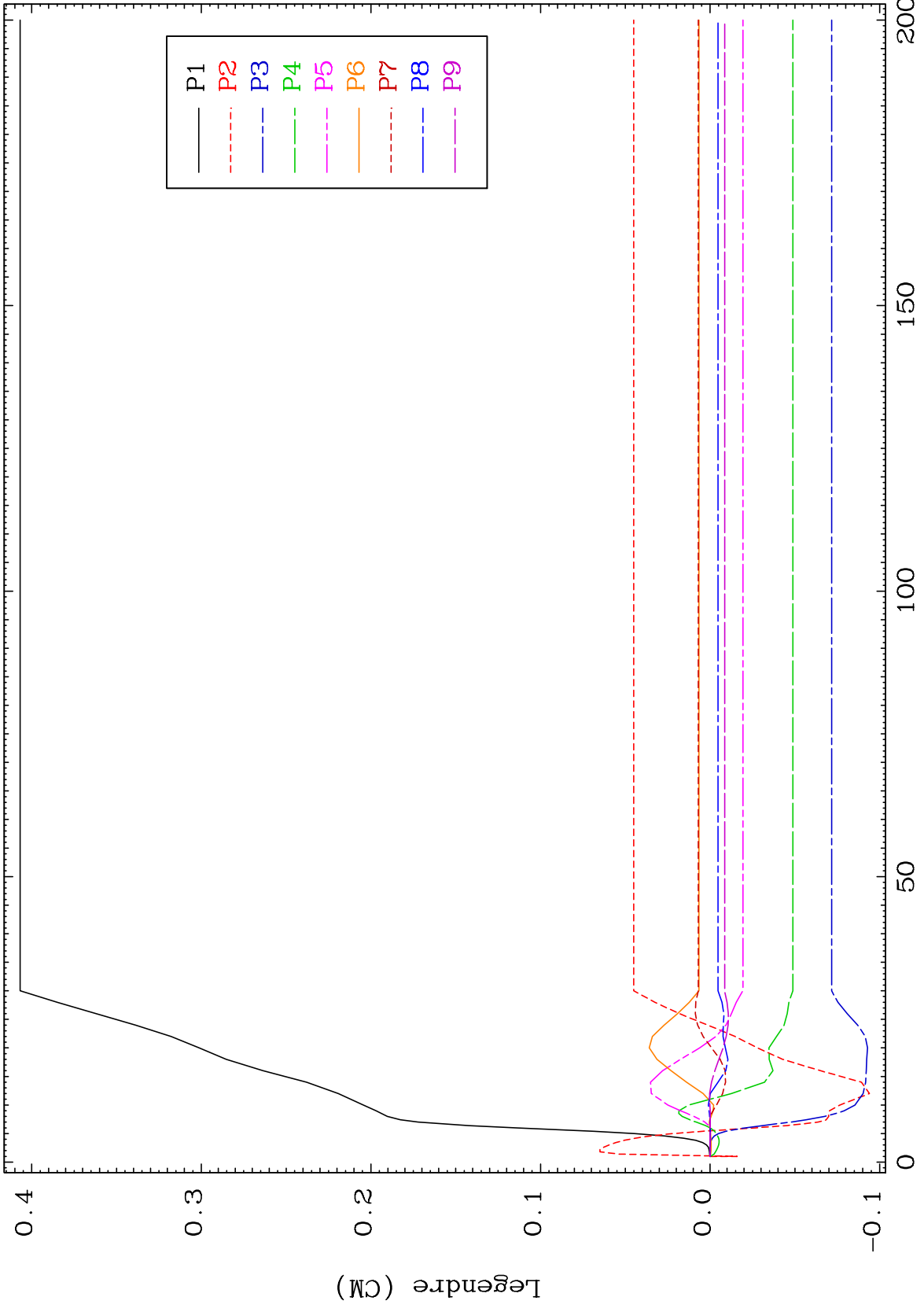
66

52-Te-117

MAT 5216

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

52-Te-117



67

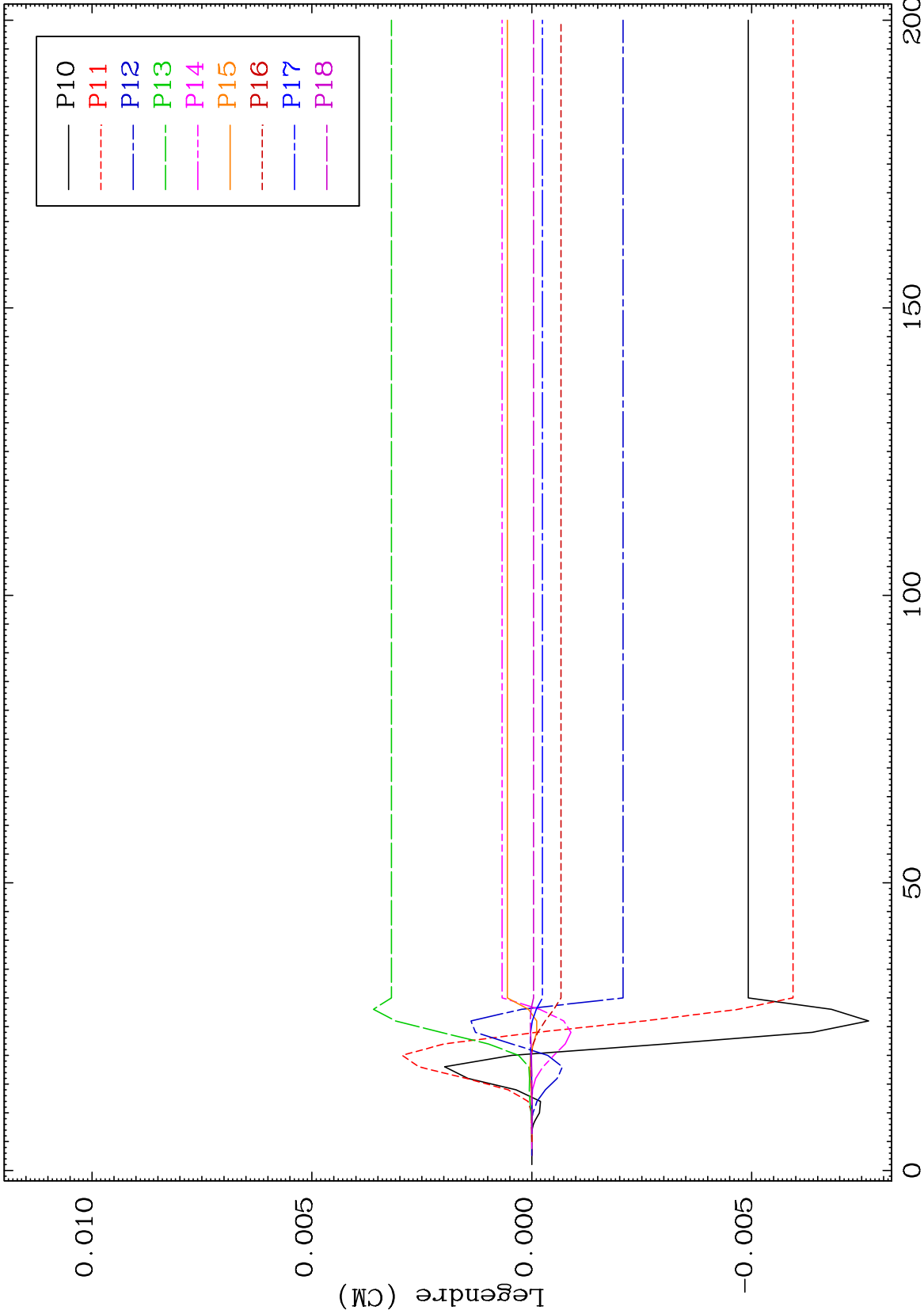
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



68

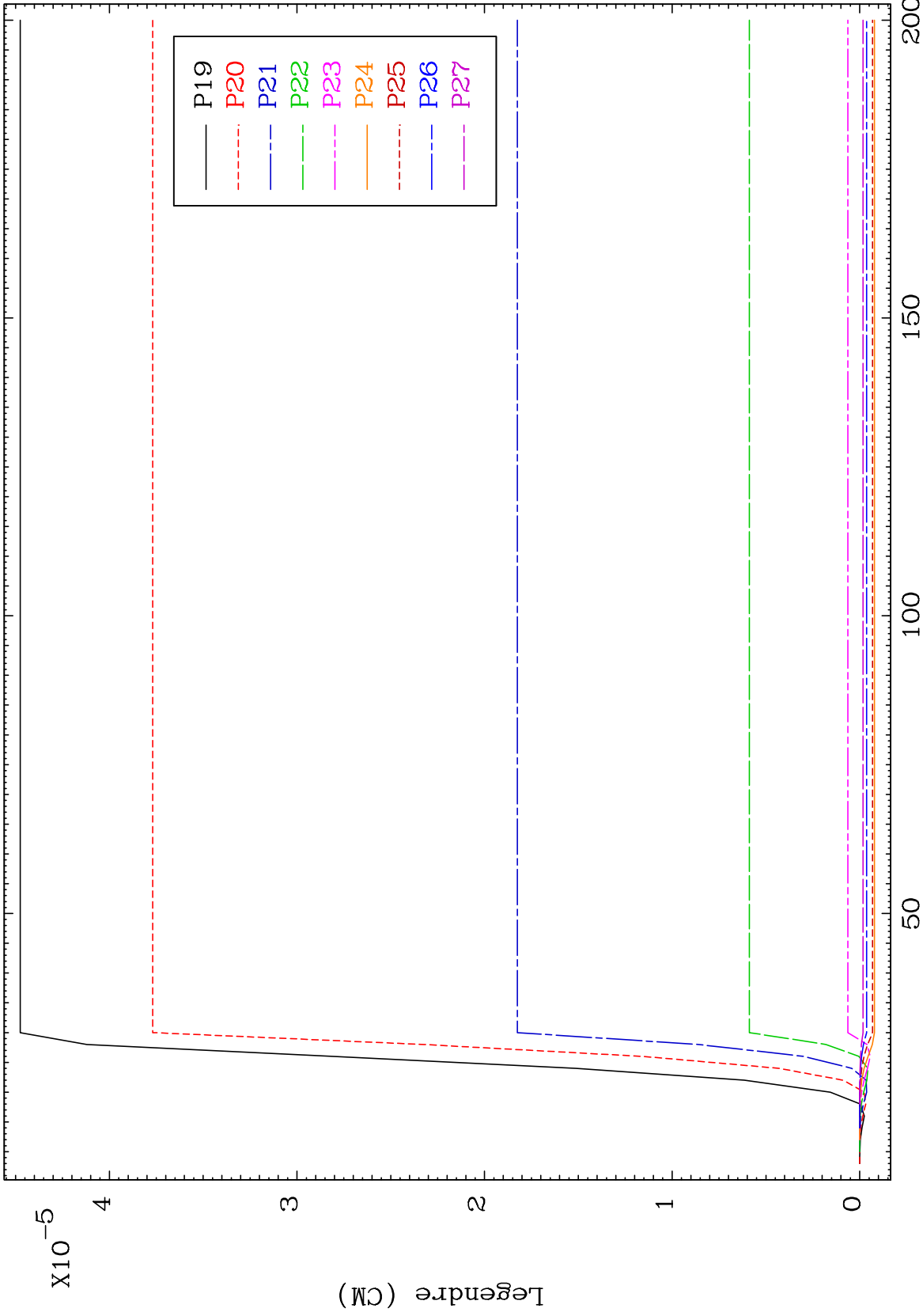
Incident Energy (MeV)

52-Te-117

MAT 5216

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

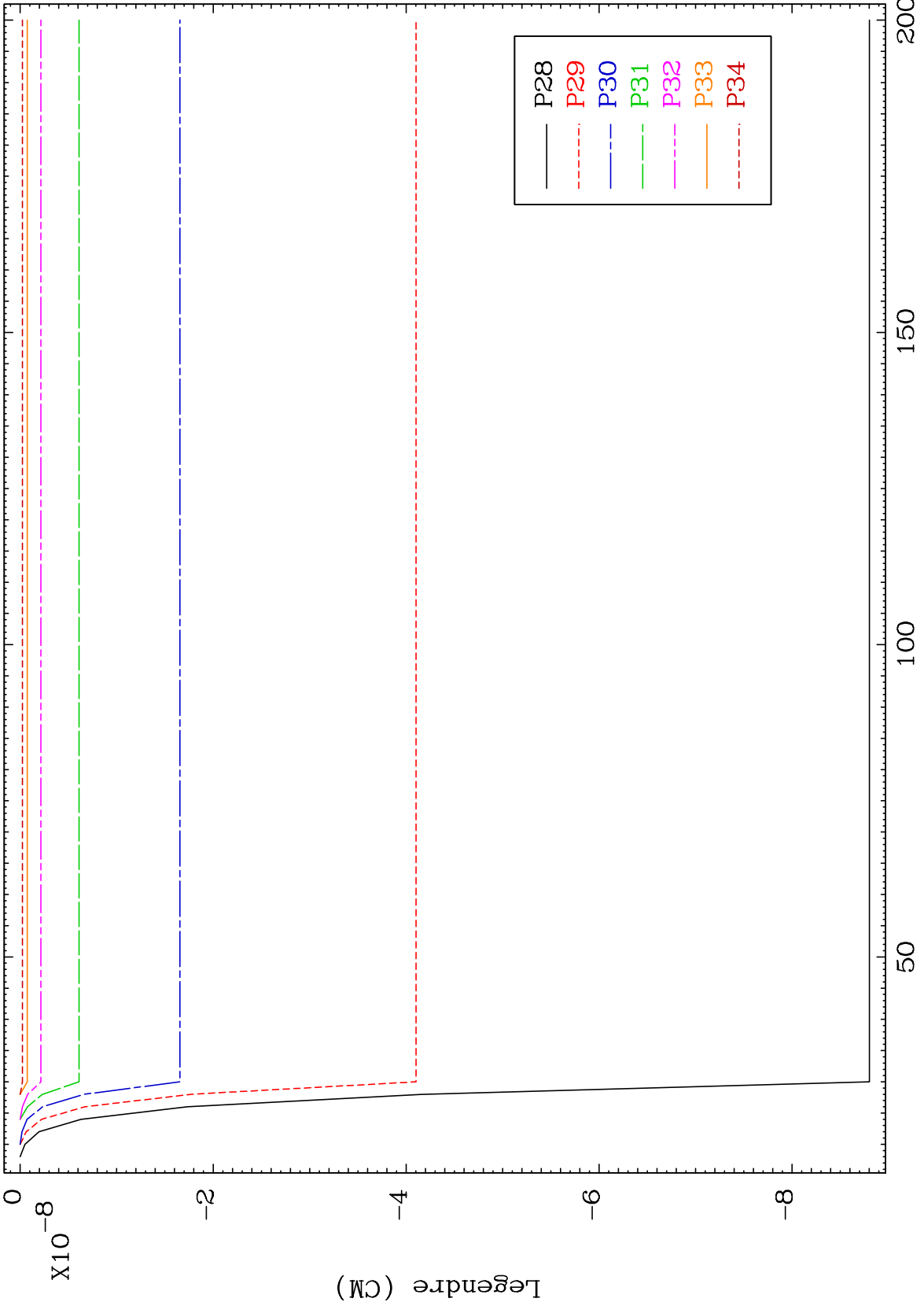
52-Te-117



69

52-Te-117

MAT 5216 MT= 63 (n,n') Level Legendre Coefficients 52-Te-117

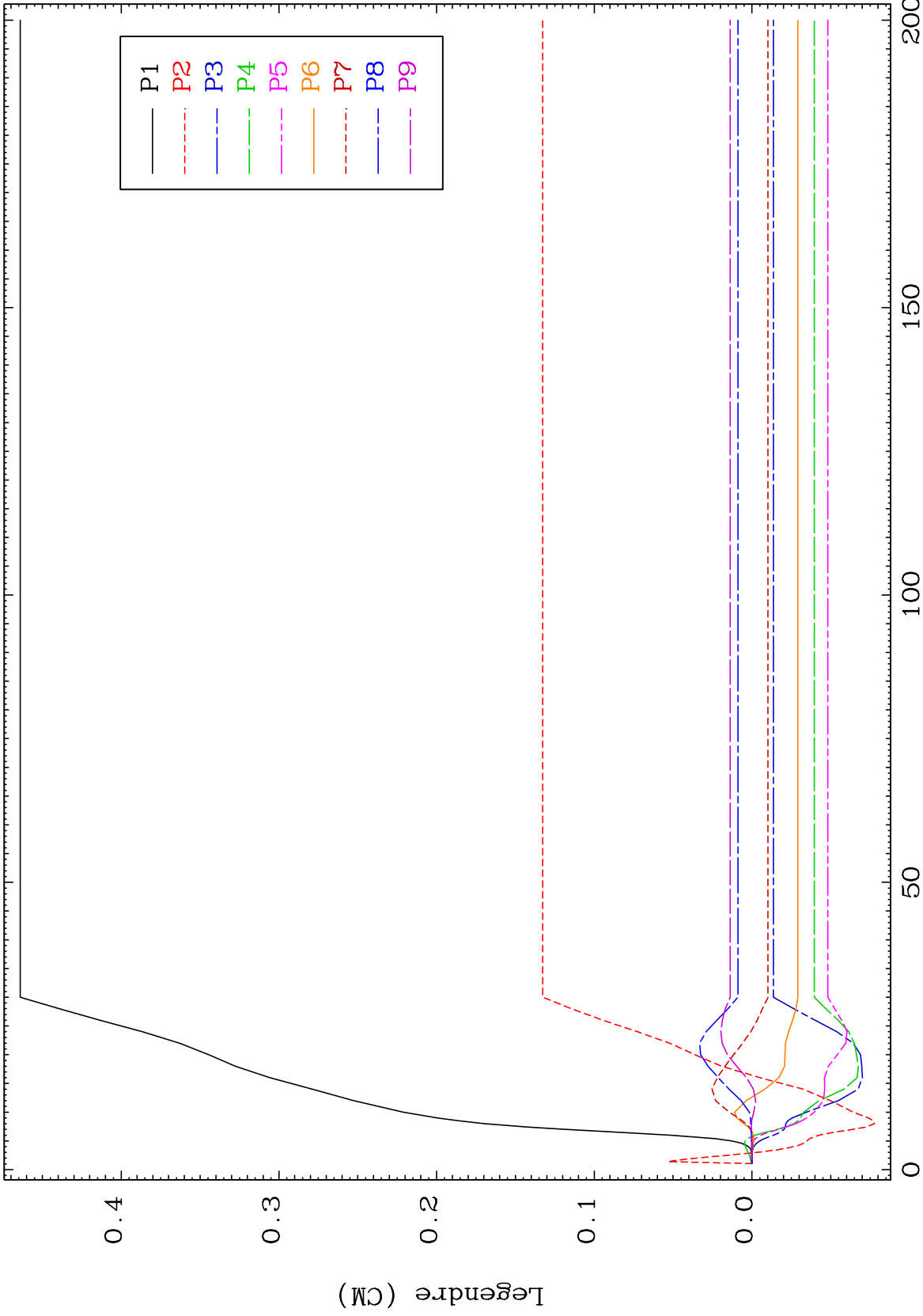


70 Incident Energy (MeV) 52-Te-117

MAT 5216

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

52-Te-117



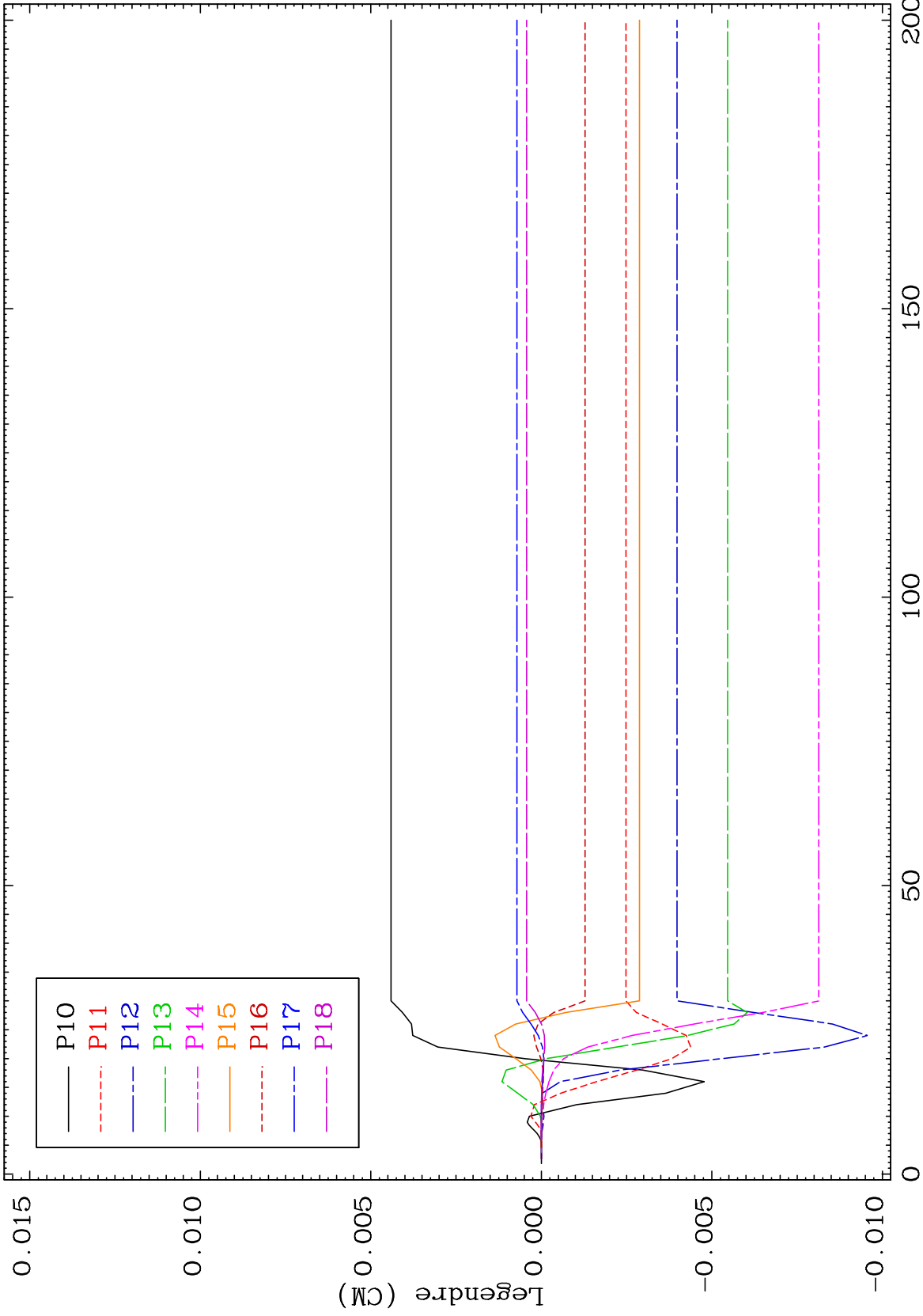
71

52-Te-117

MAT 5216

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

52-Te-117



72

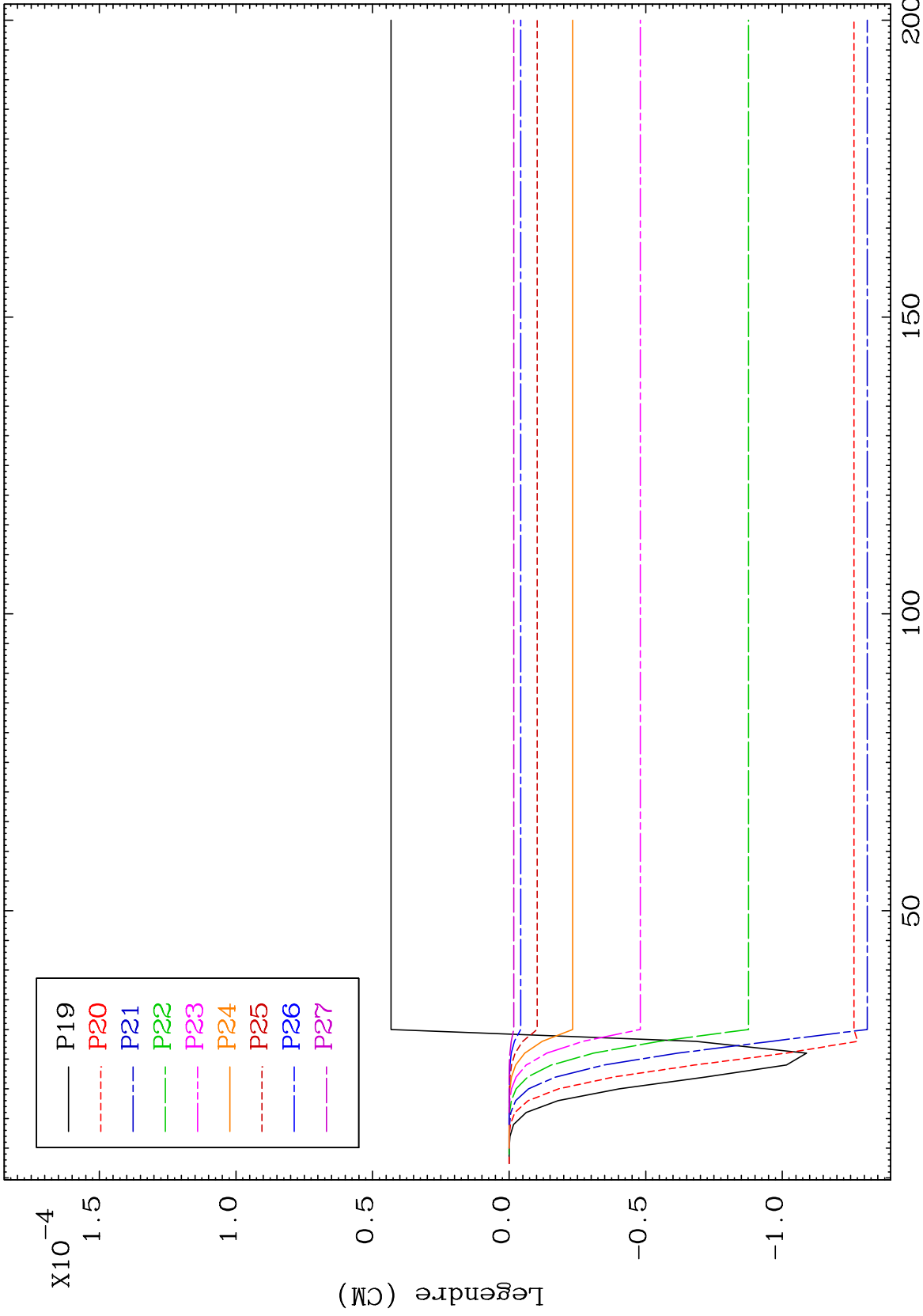
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



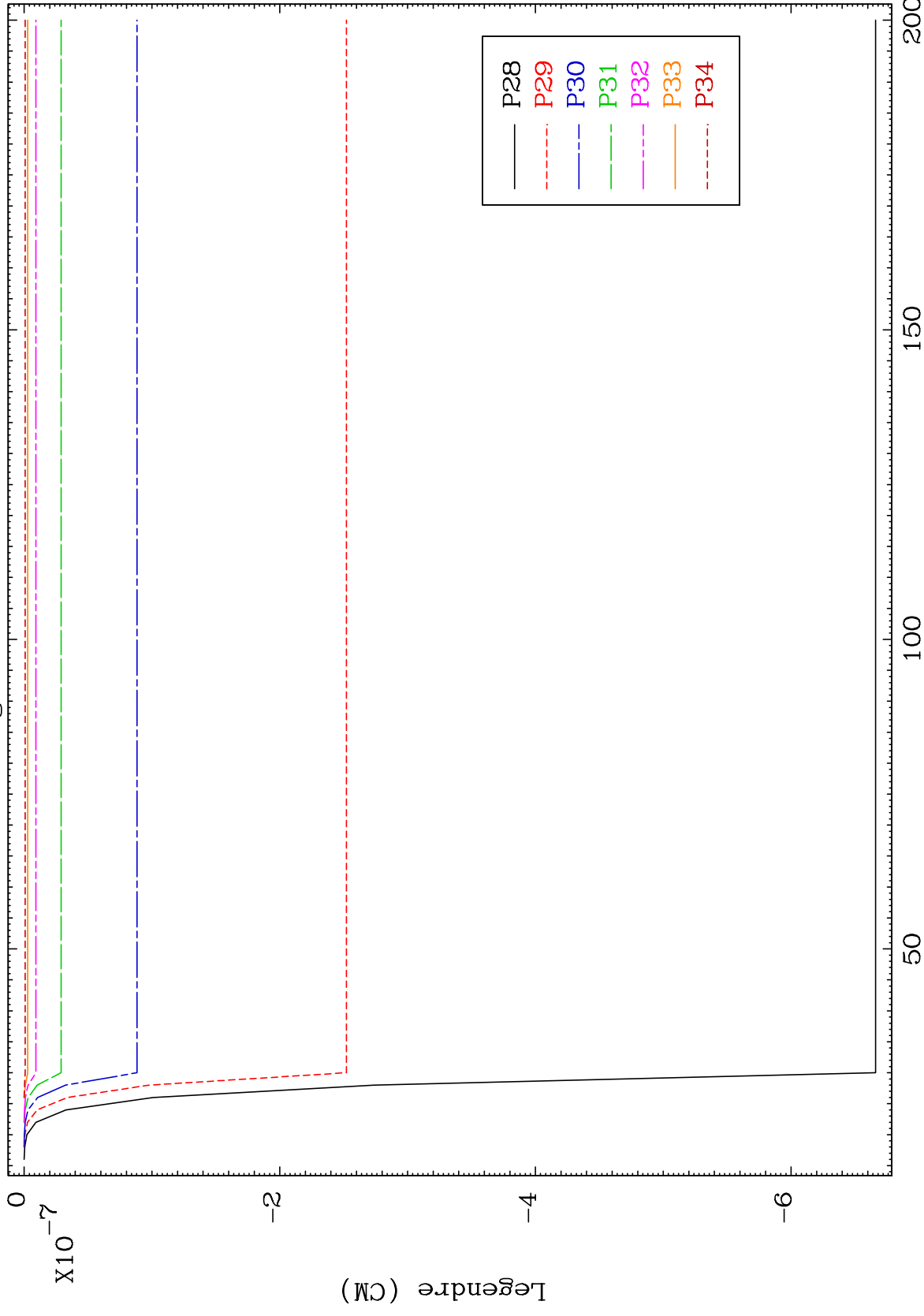
73

52-Te-117

MAT 5216

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

52-Te-117



52-Te-117

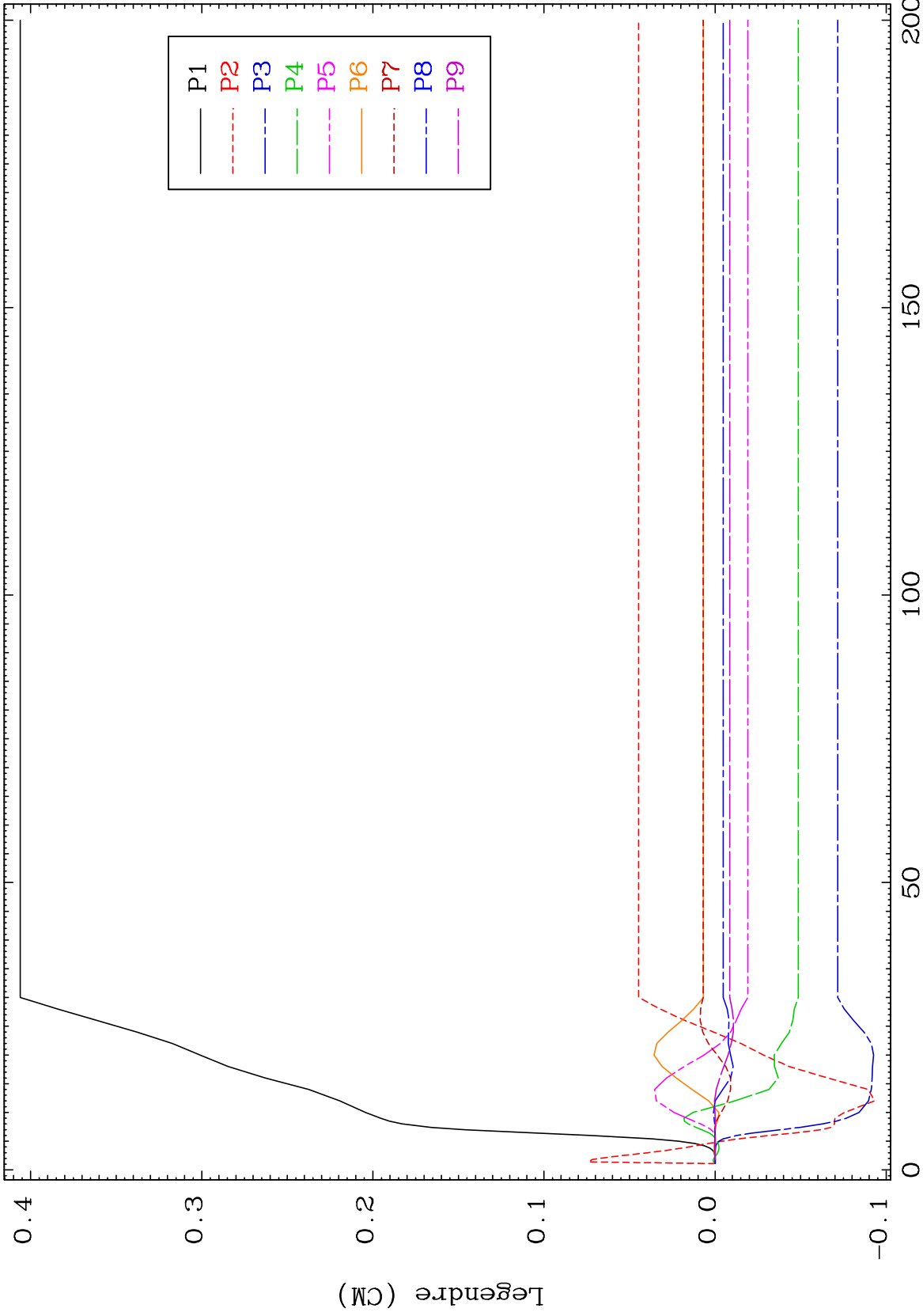
Incident Energy (MeV)

74

MAT 5216

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

52-Te-117



75

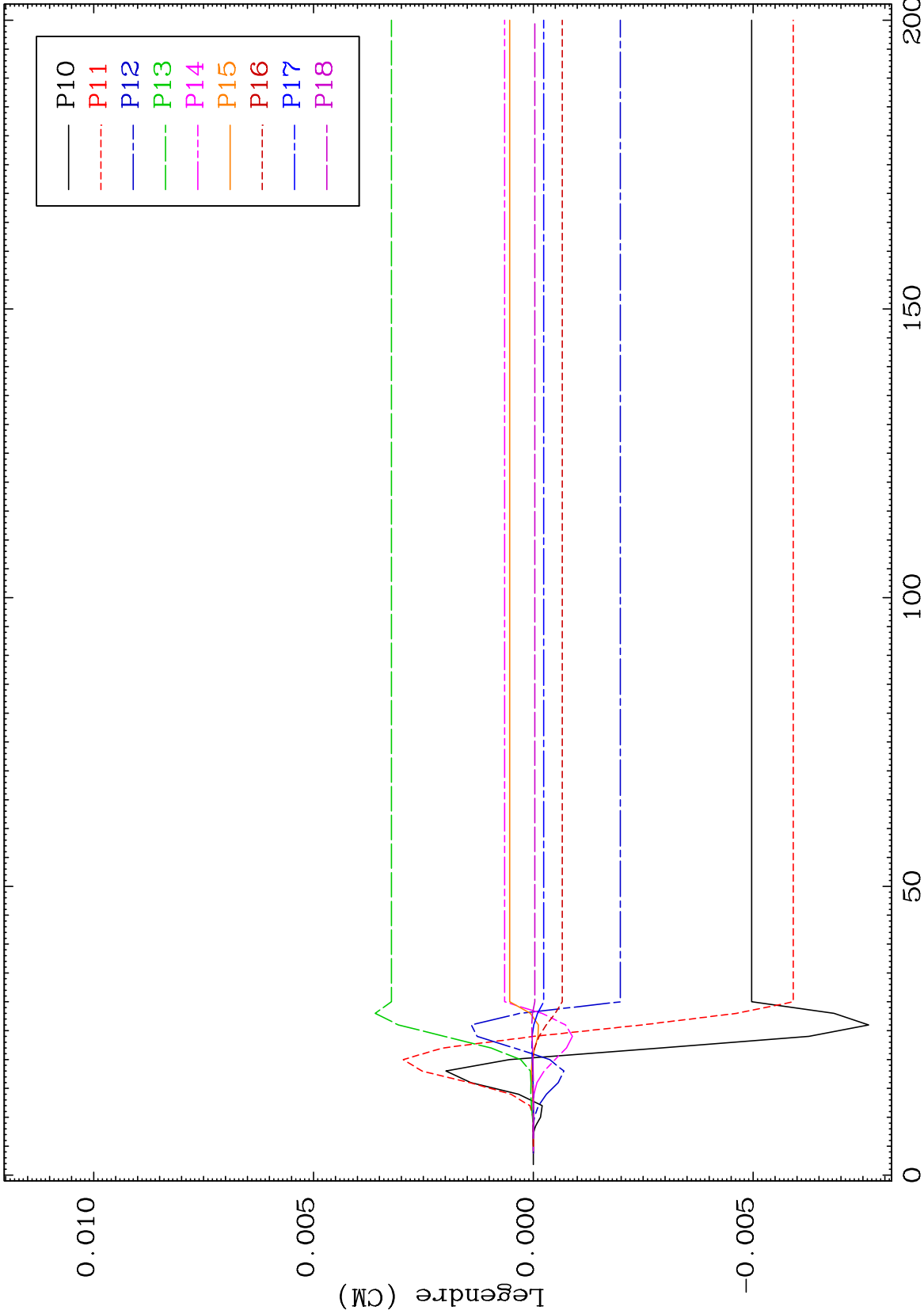
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



76

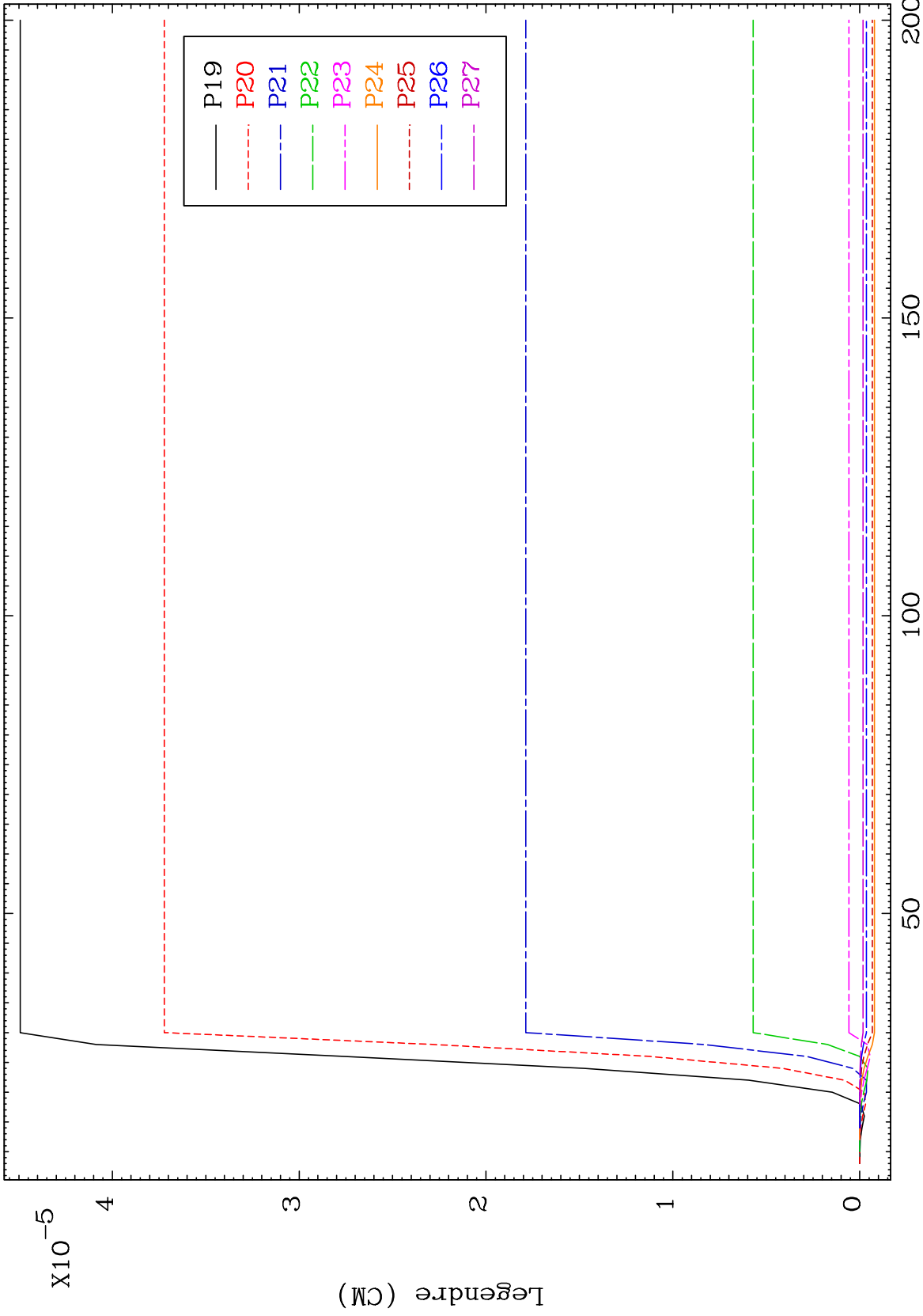
Incident Energy (MeV)

52-Te-117

MAT 5216

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

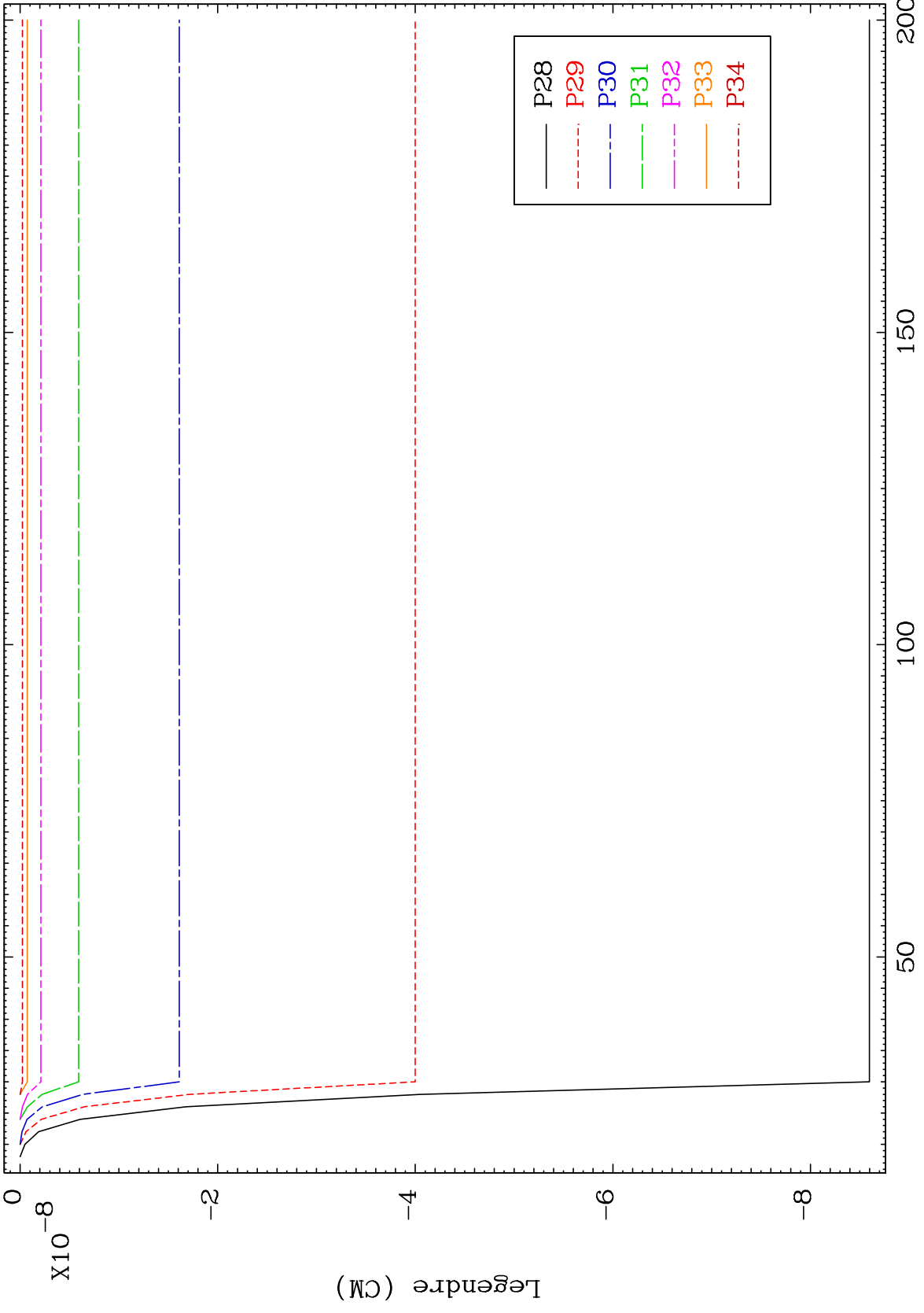
52-Te-117



77

52-Te-117

MAT 5216 MT= 65 (n,n') Level Legendre Coefficients 52-Te-117

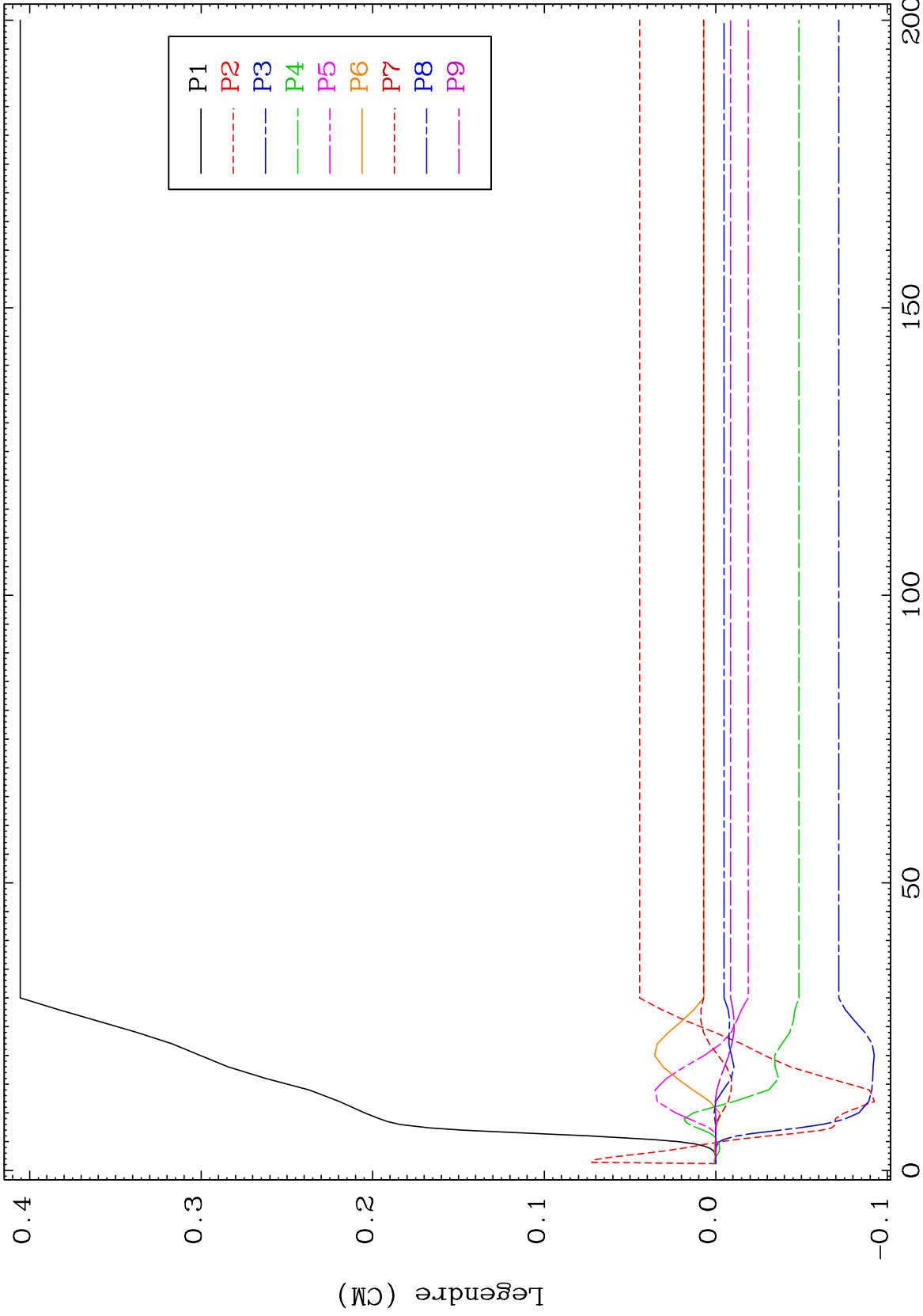


78 50 100 150 200 52-Te-117

MAT 5216

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

52-Te-117



79

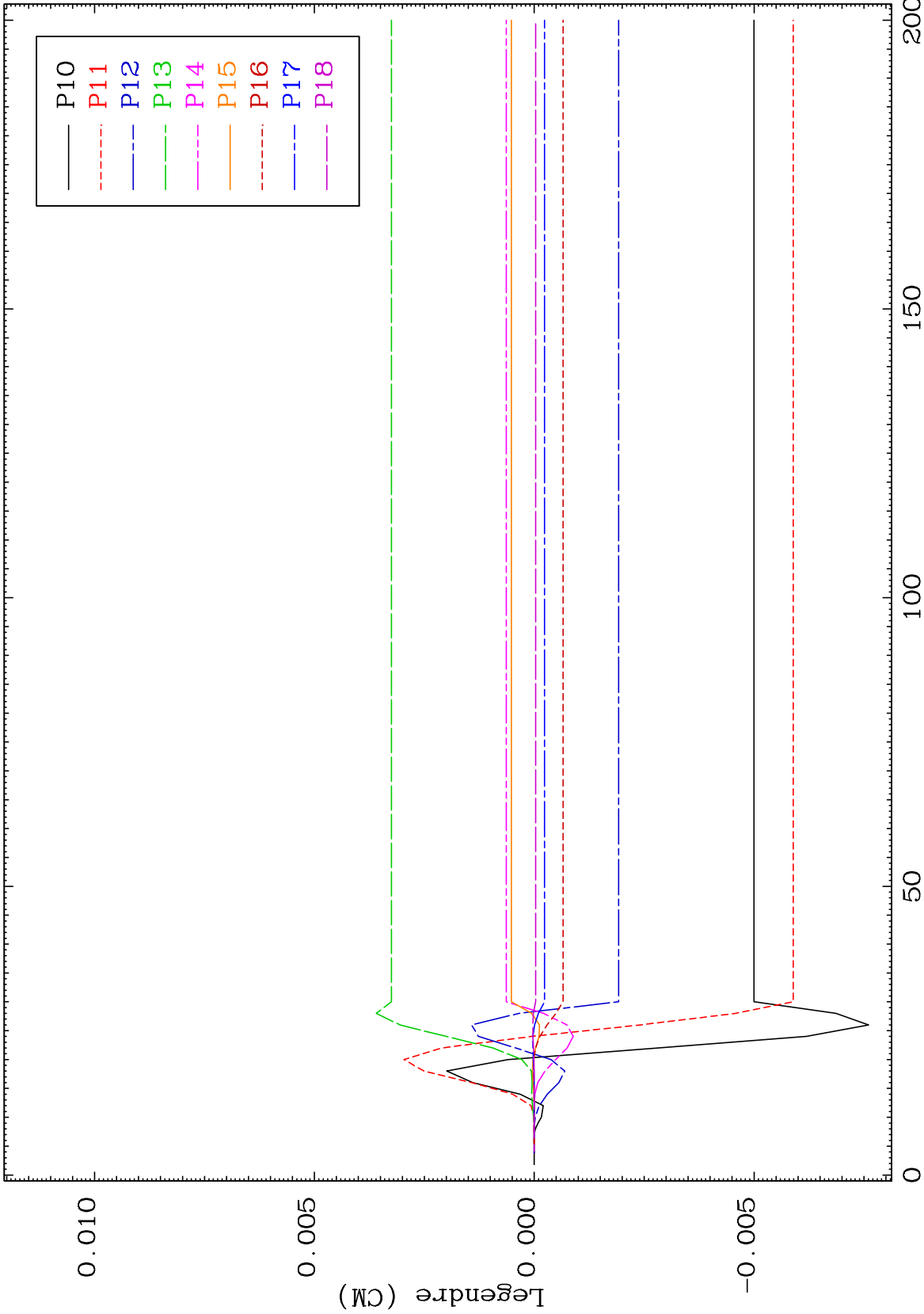
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



80

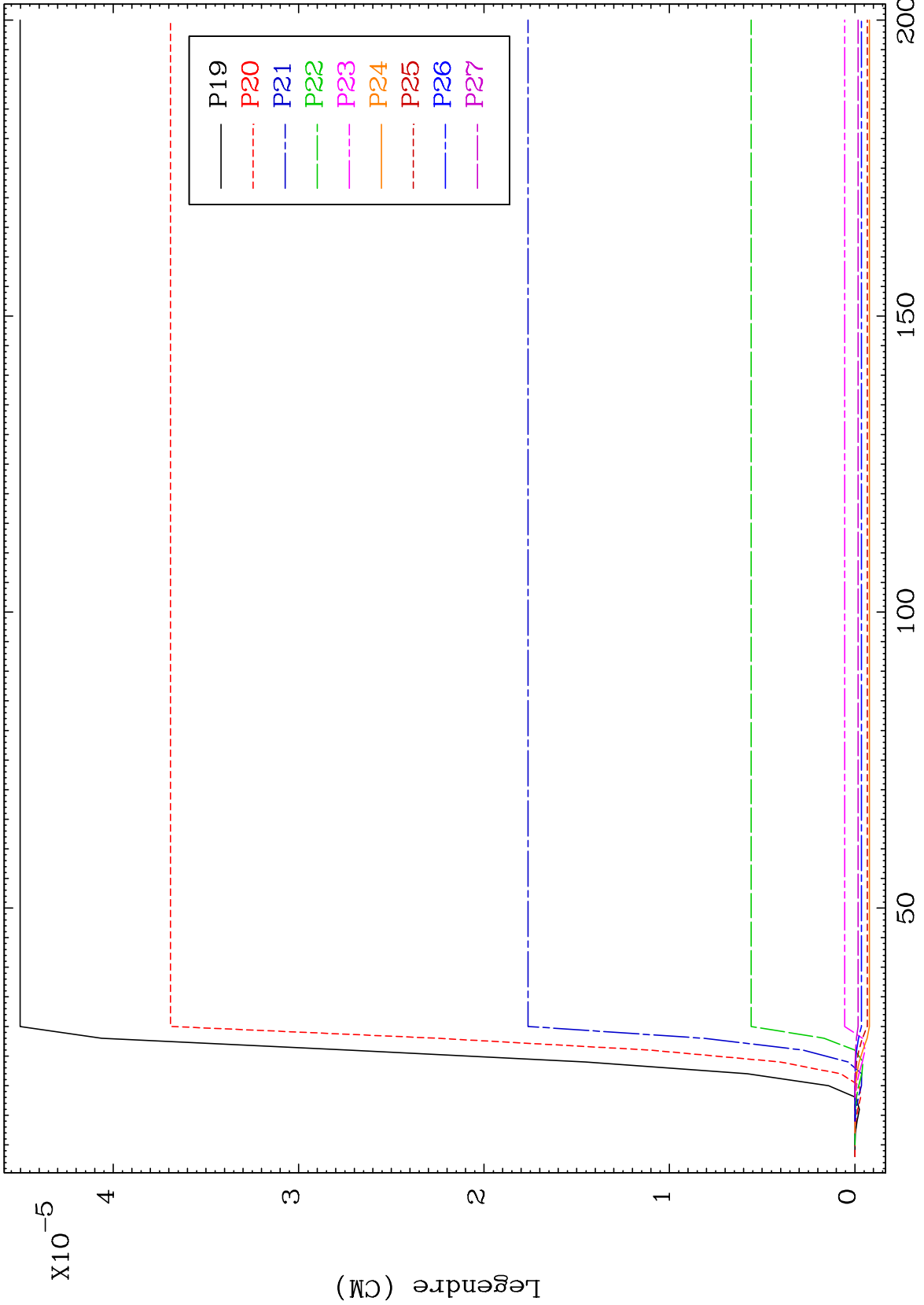
Incident Energy (MeV)

52-Te-117

MAT 5216

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

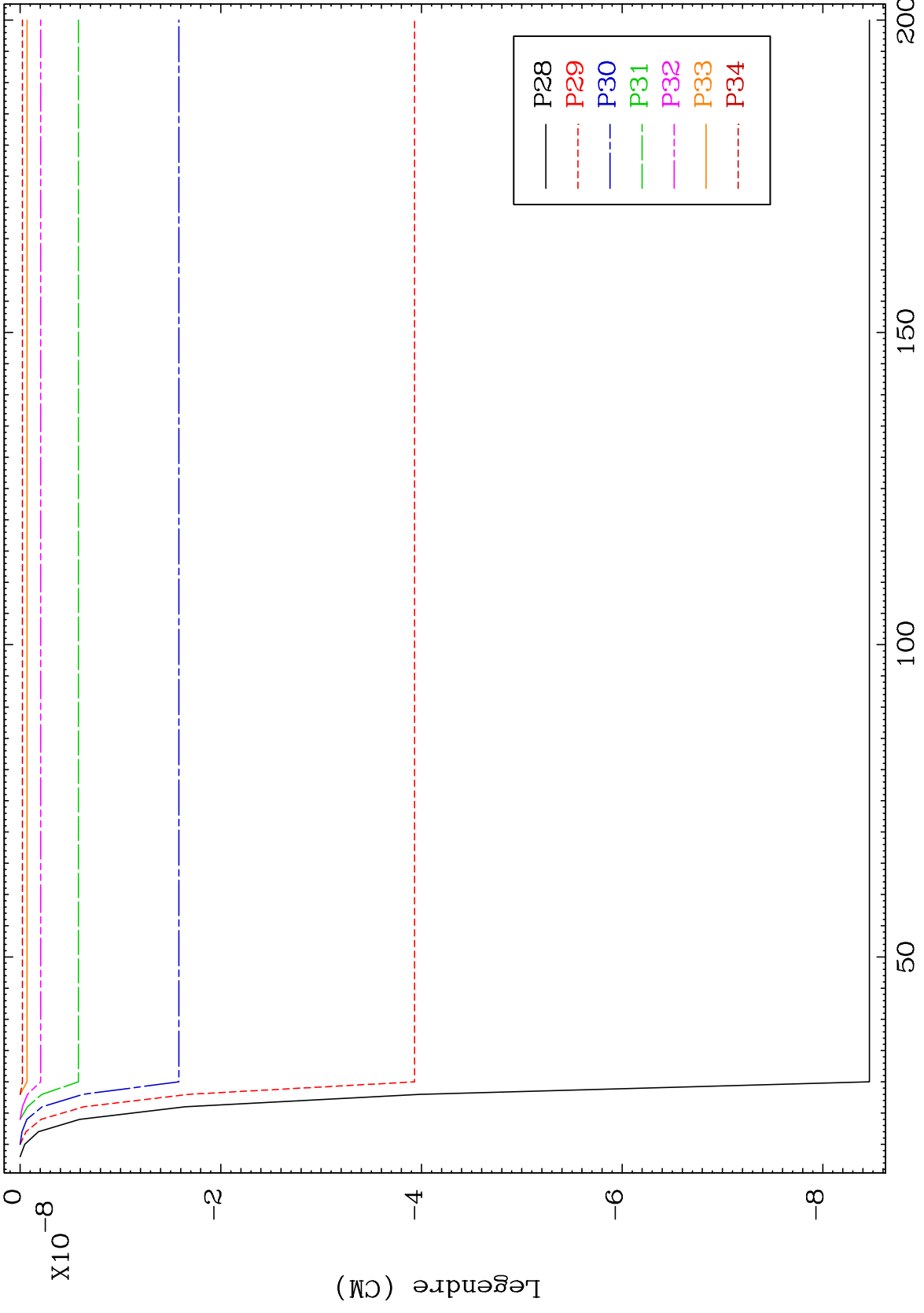
52-Te-117



81

52-Te-117

MAT 5216 MT= 66 (n,n') Level Legendre Coefficients 52-Te-117

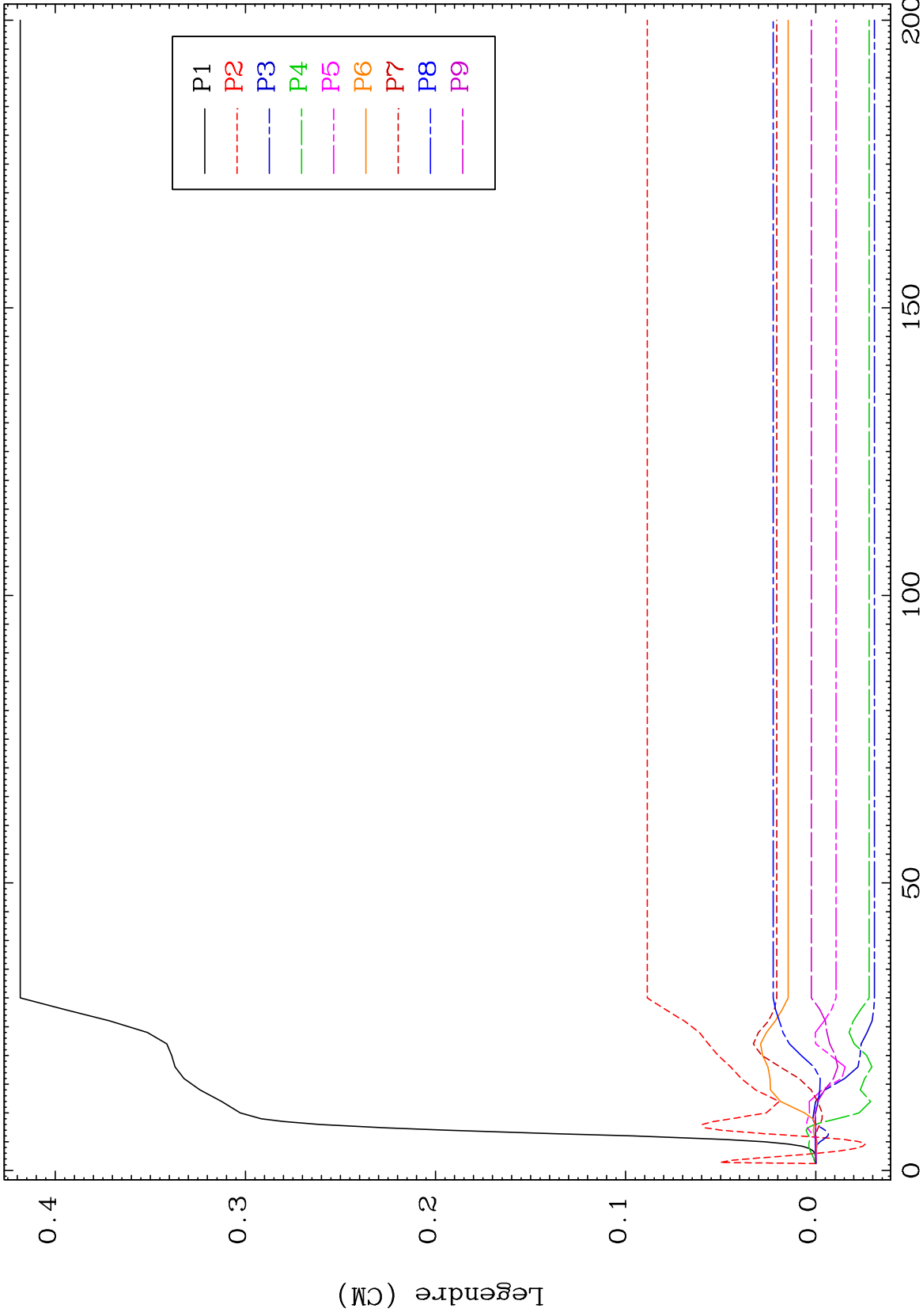


82 Incident Energy (MeV) 52-Te-117

MAT 5216

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

52-Te-117



83

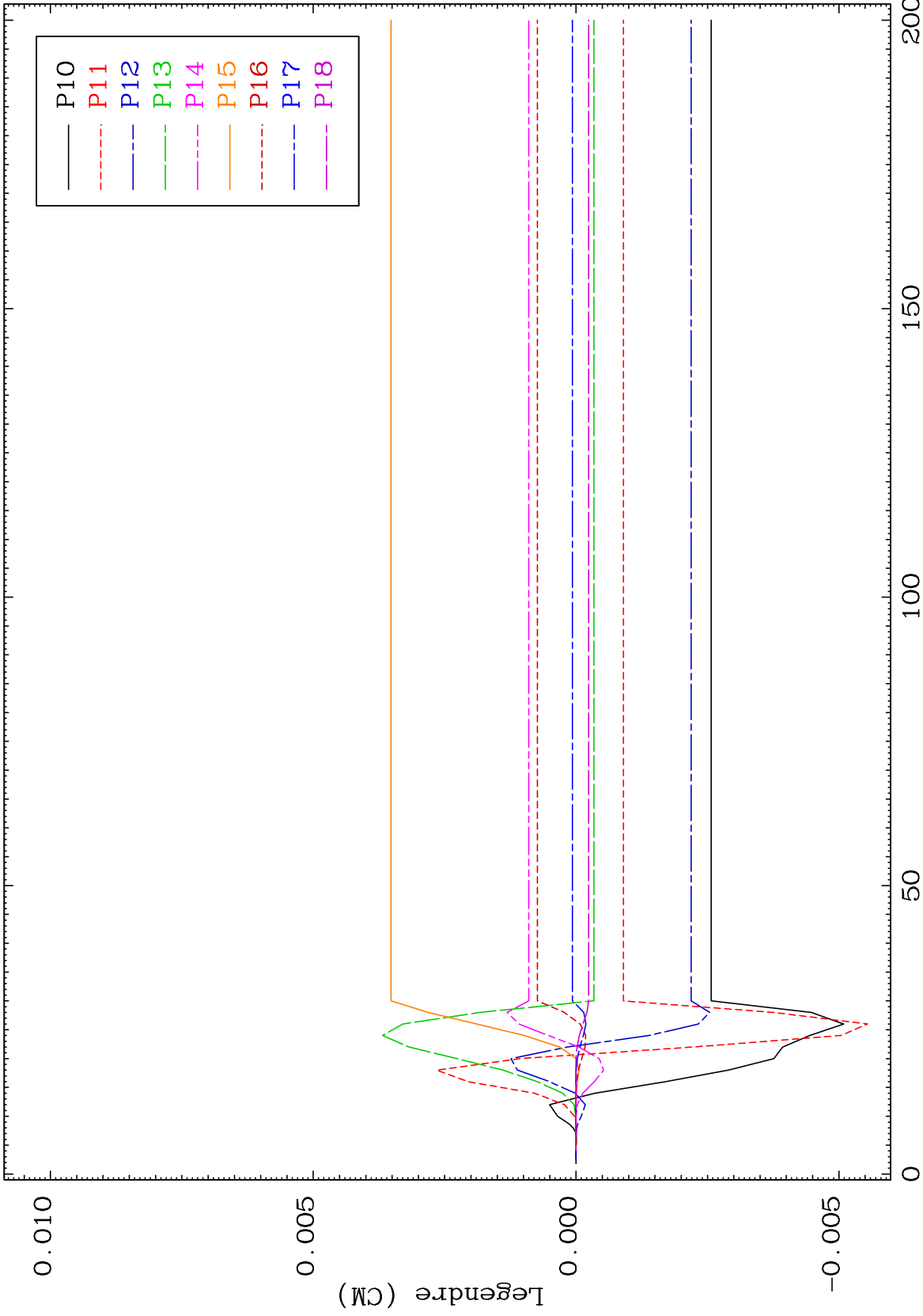
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



84

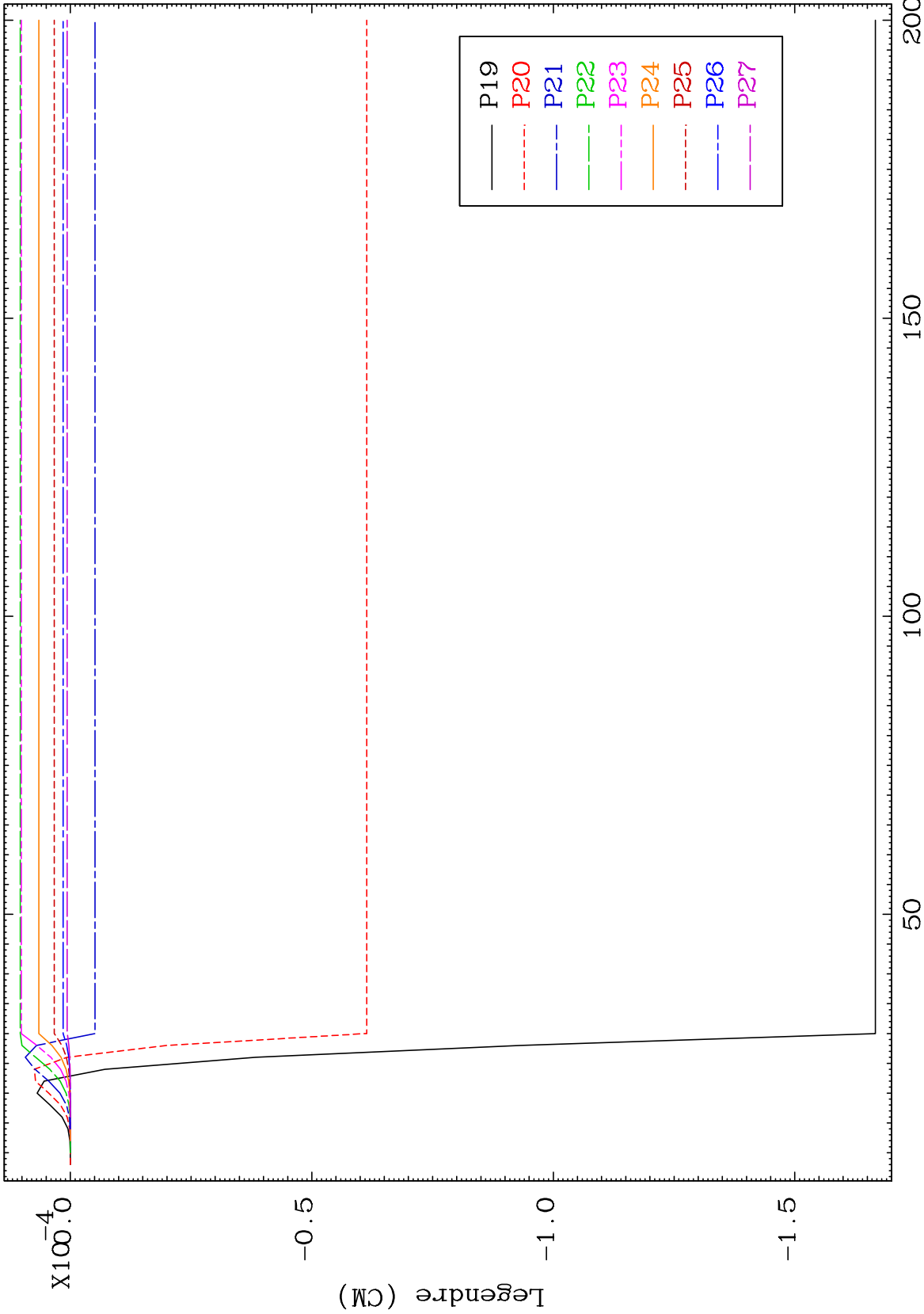
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



52-Te-117

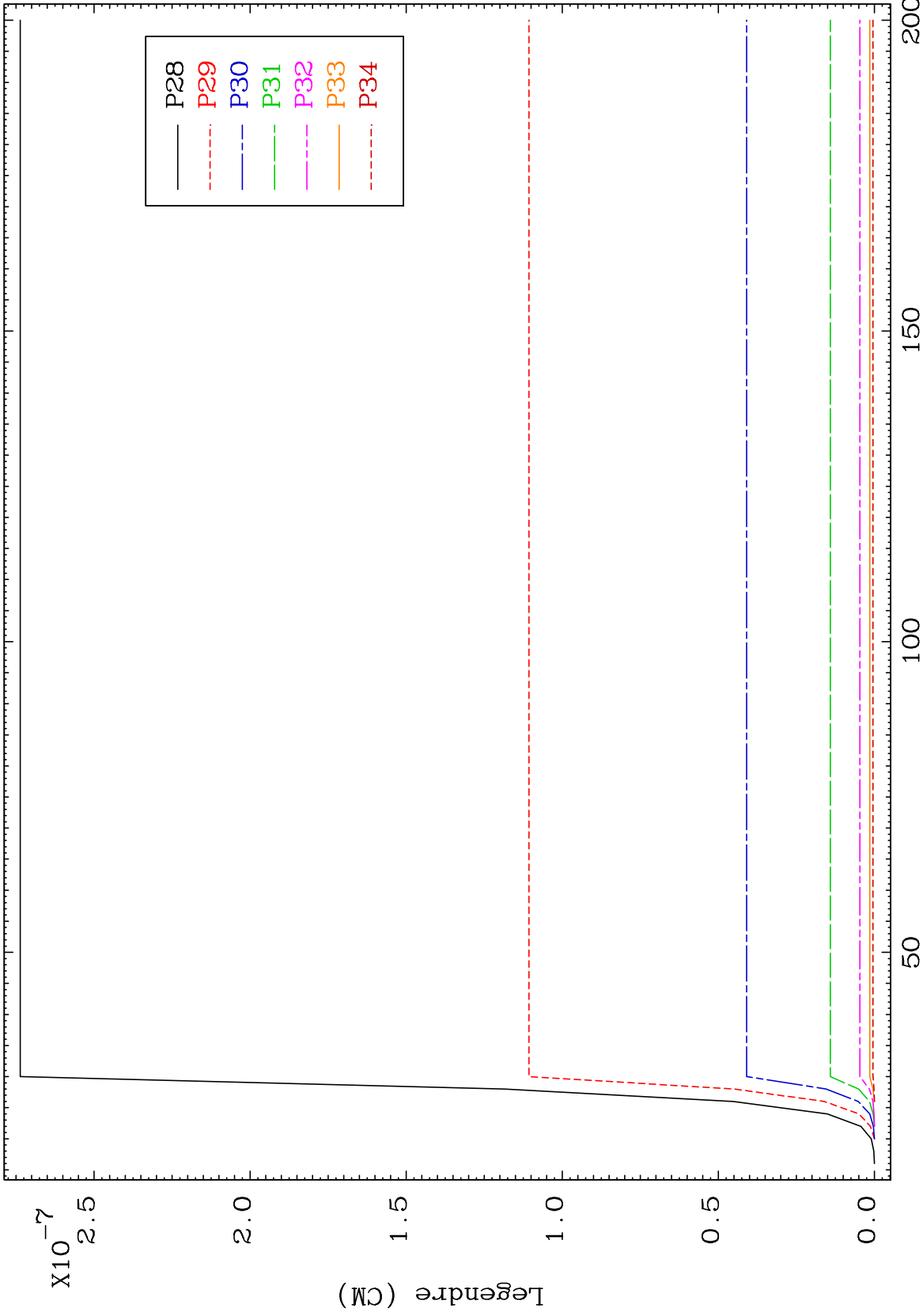
Incident Energy (MeV)

85

MAT 5216

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

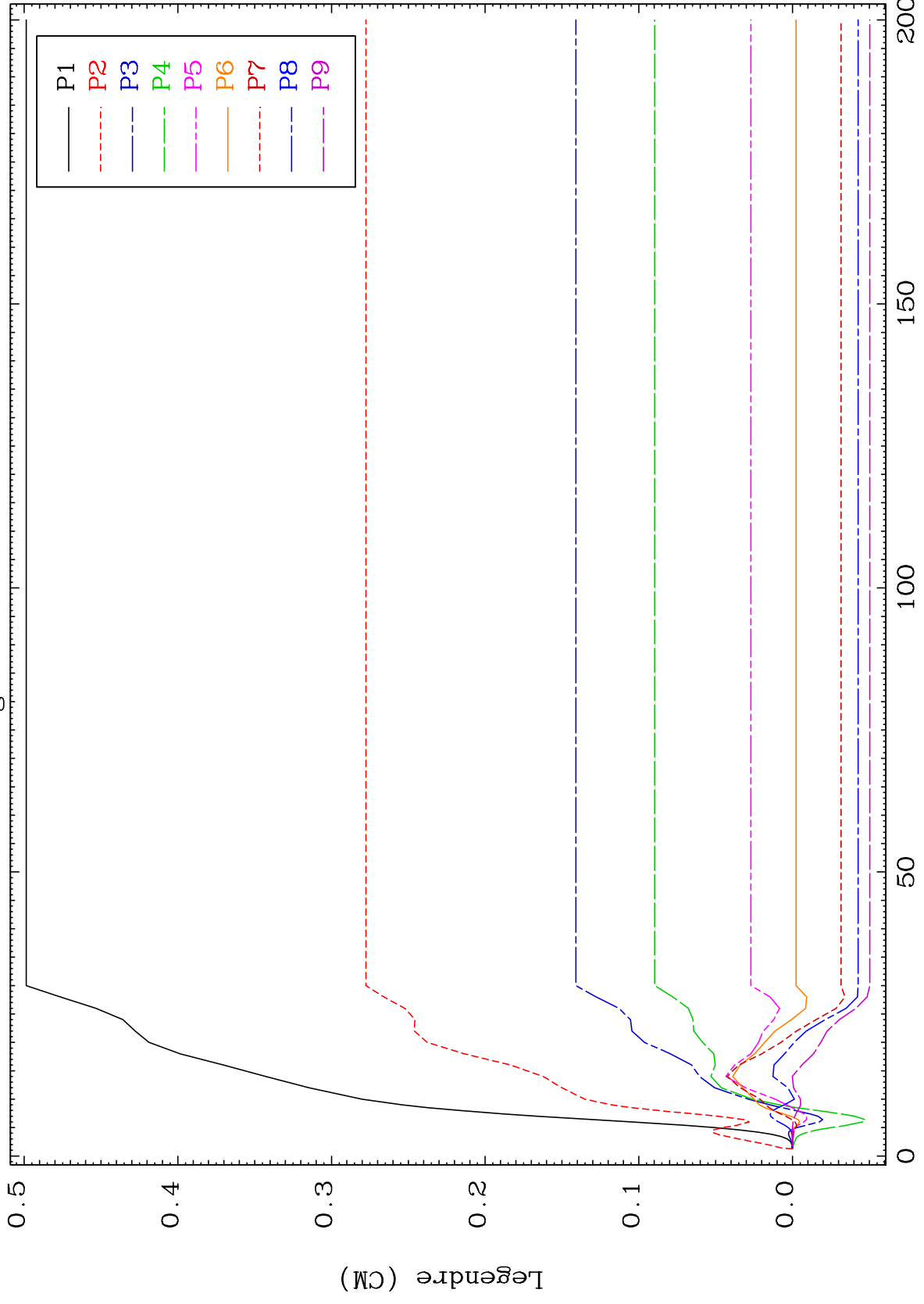
52-Te-117



86

52-Te-117

MAT 5216 MT= 68 (n,n') Level Legendre Coefficients 52-Te-117

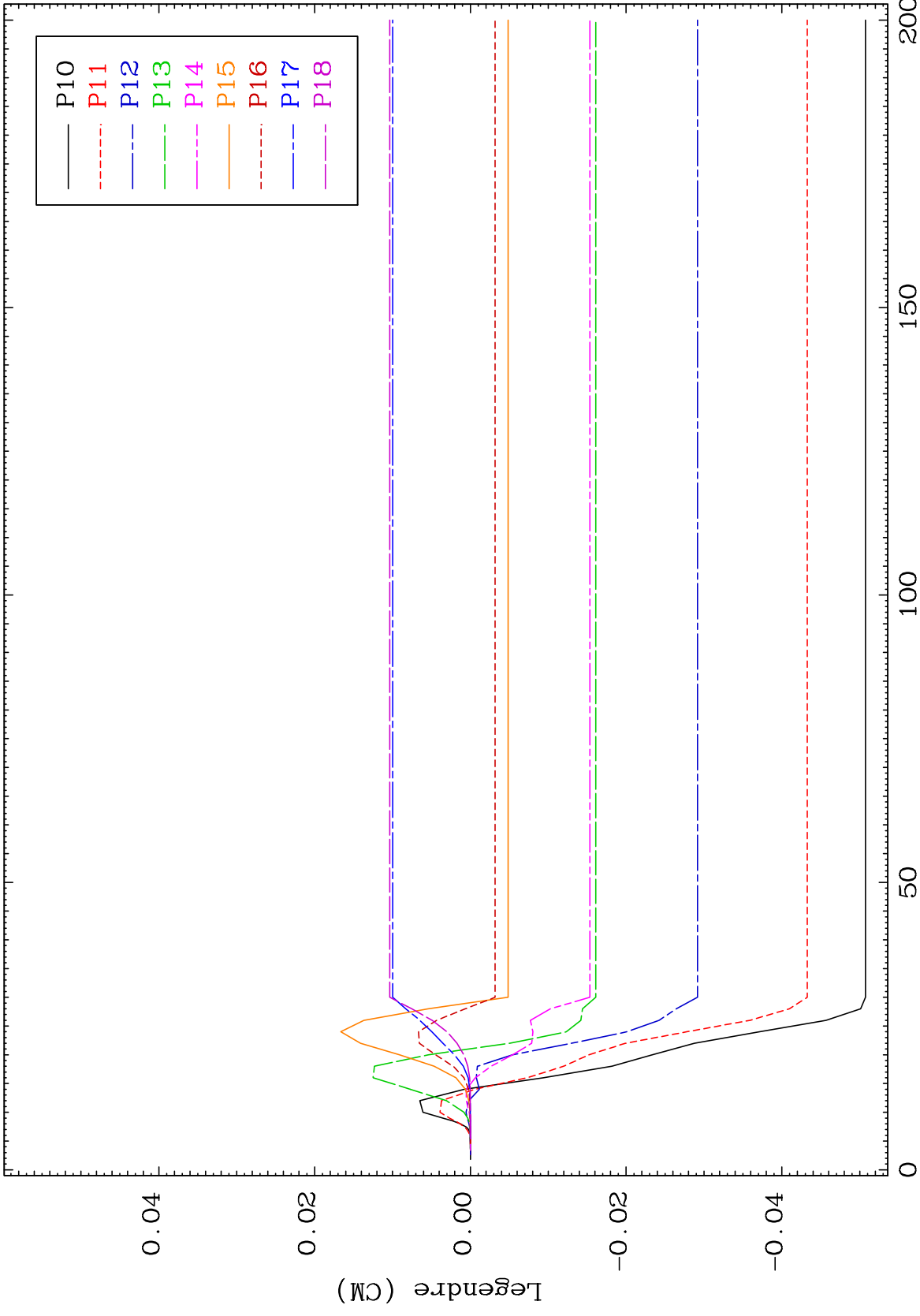


87 52-Te-117

MAT 5216

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

52-Te-117



88

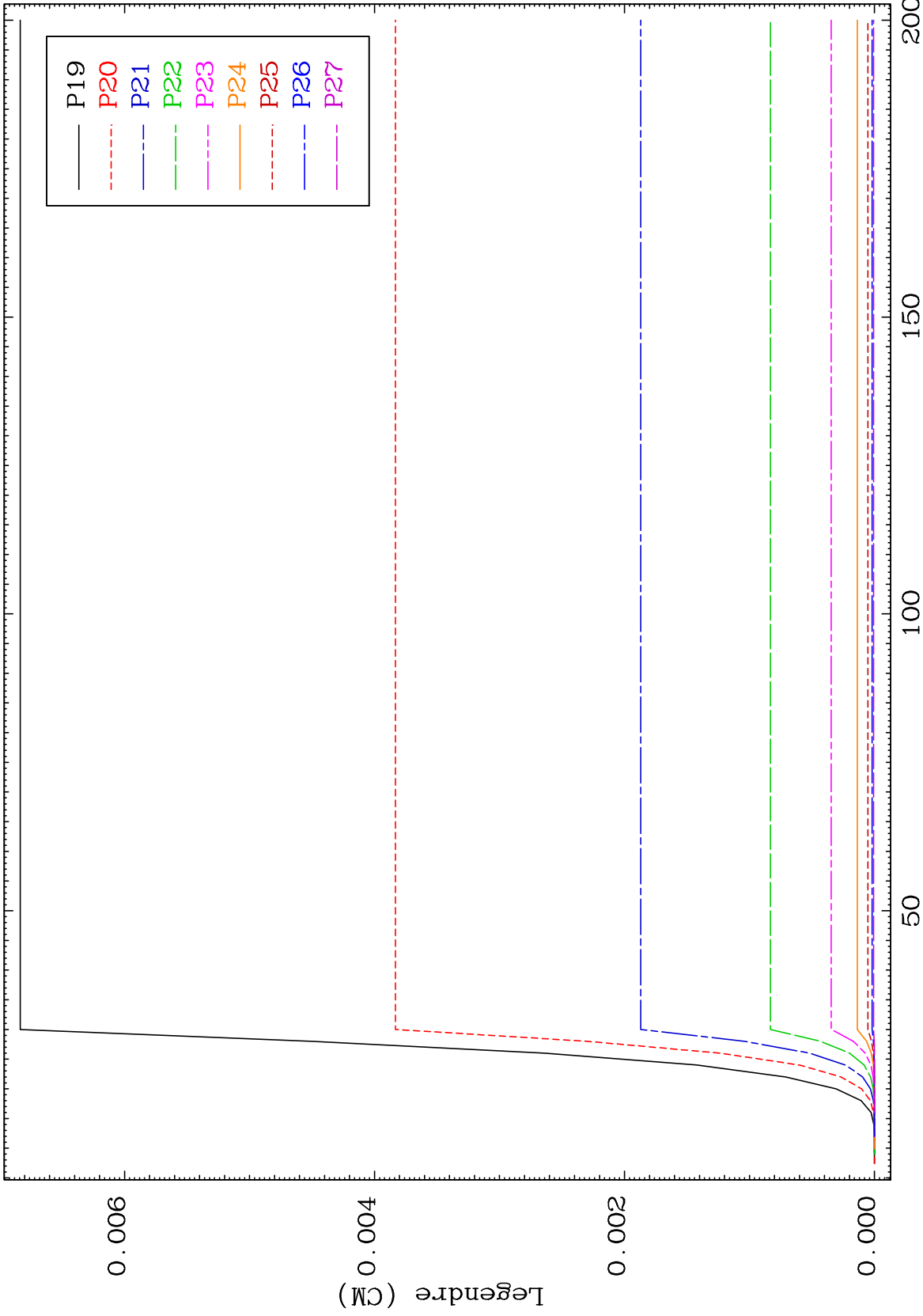
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



89

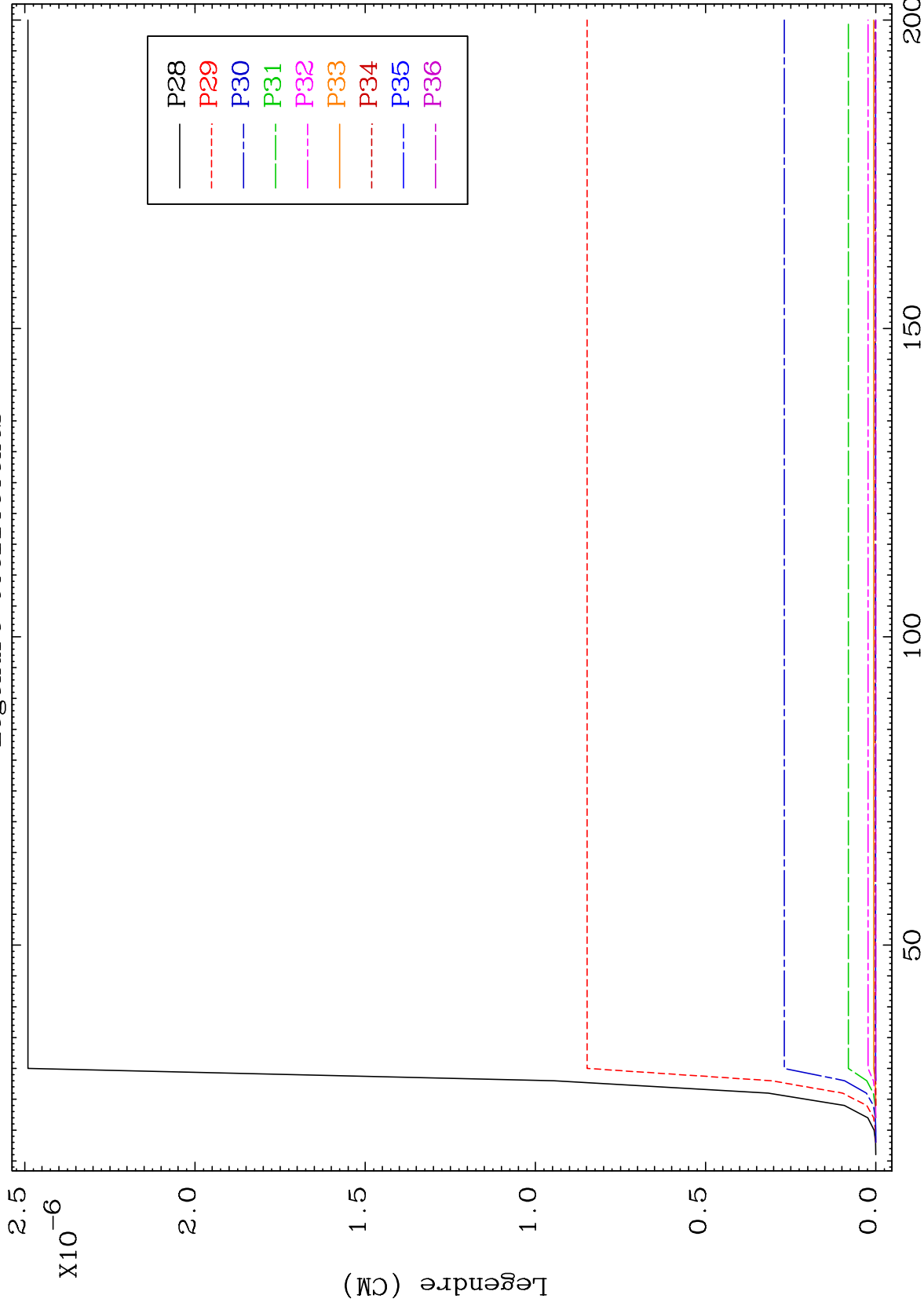
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



90

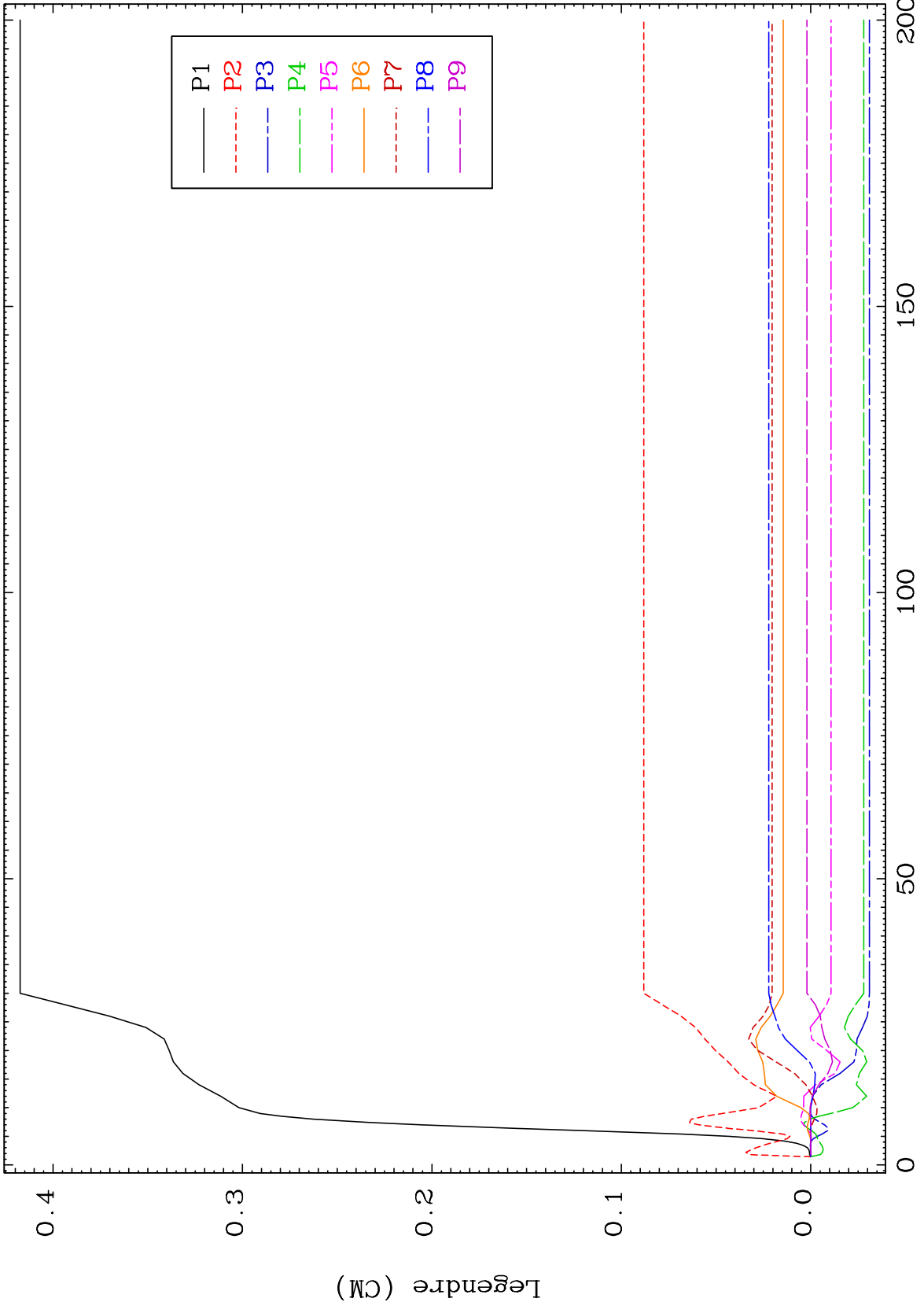
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



91

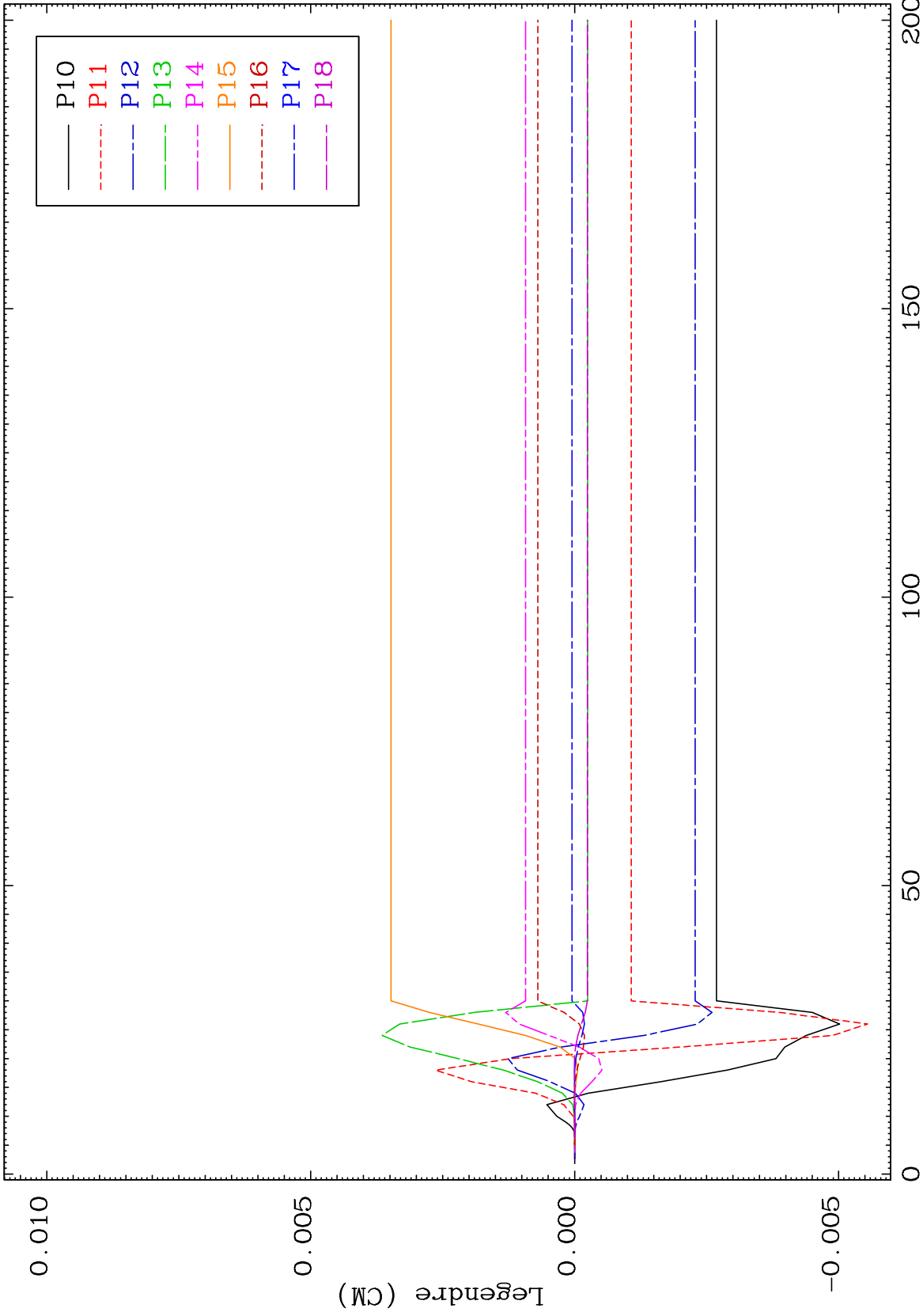
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



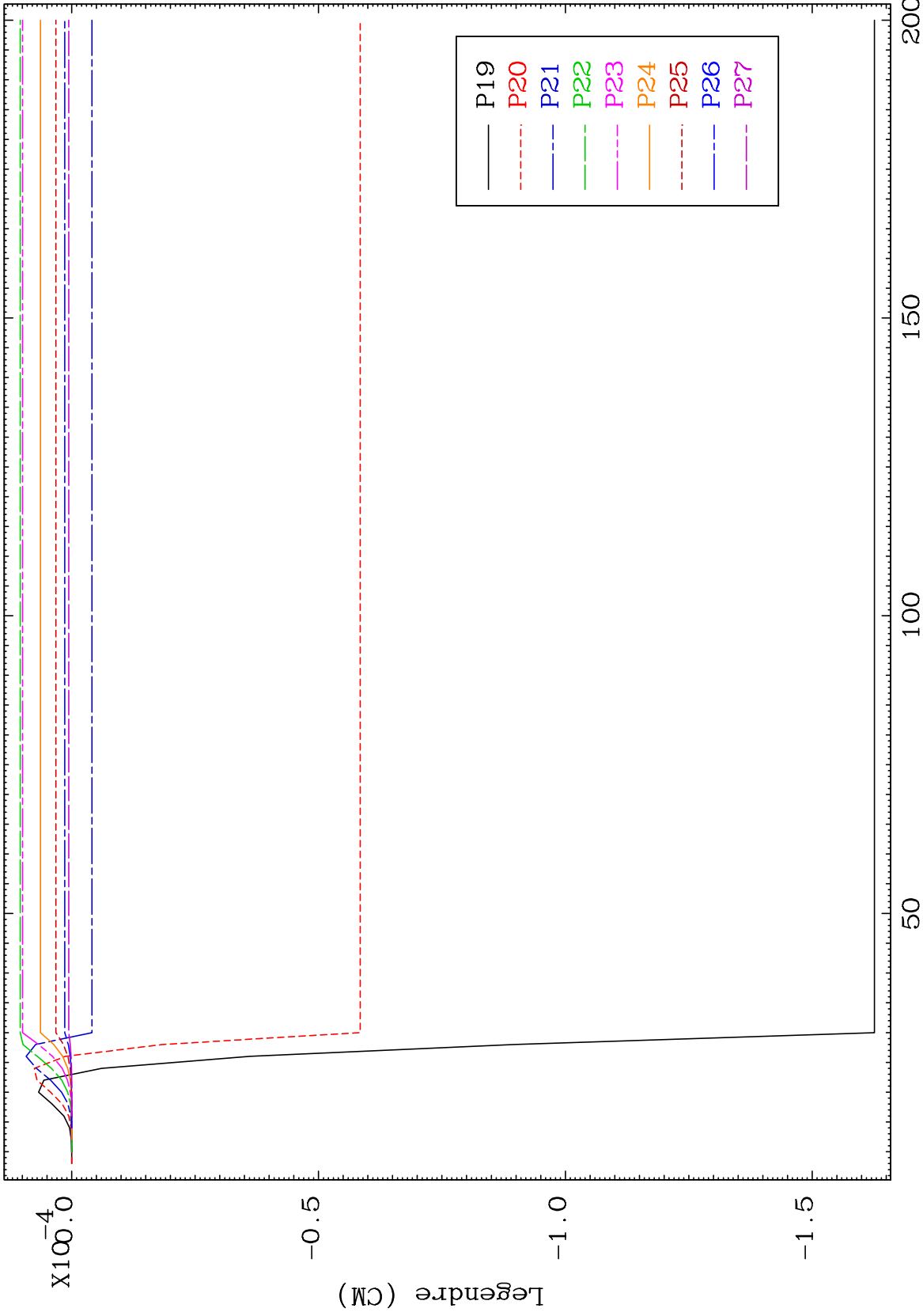
92

52-Te-117

MAT 5216

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

52-Te-117



52-Te-117

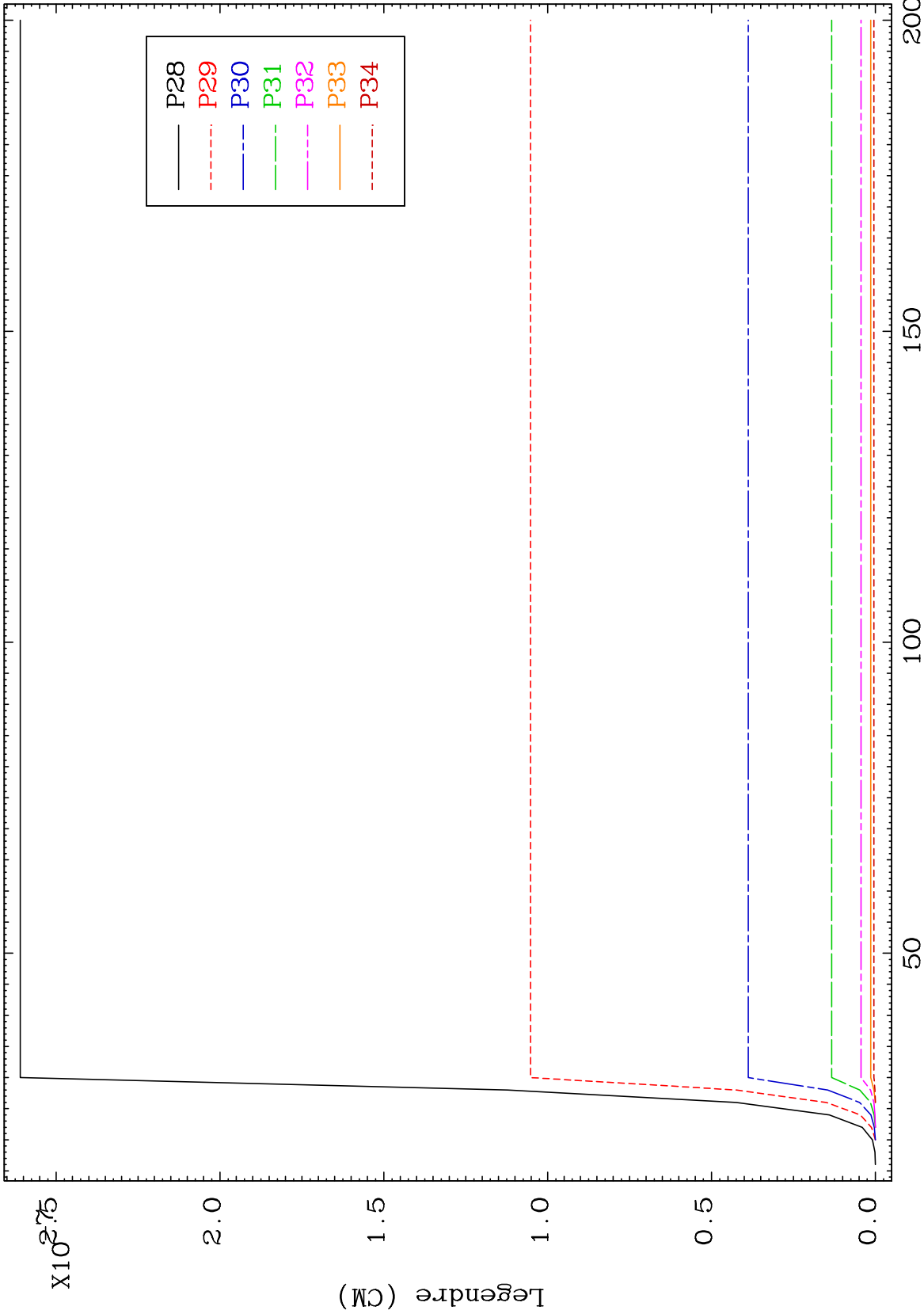
Incident Energy (MeV)

93

MAT 5216

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

52-Te-117



94

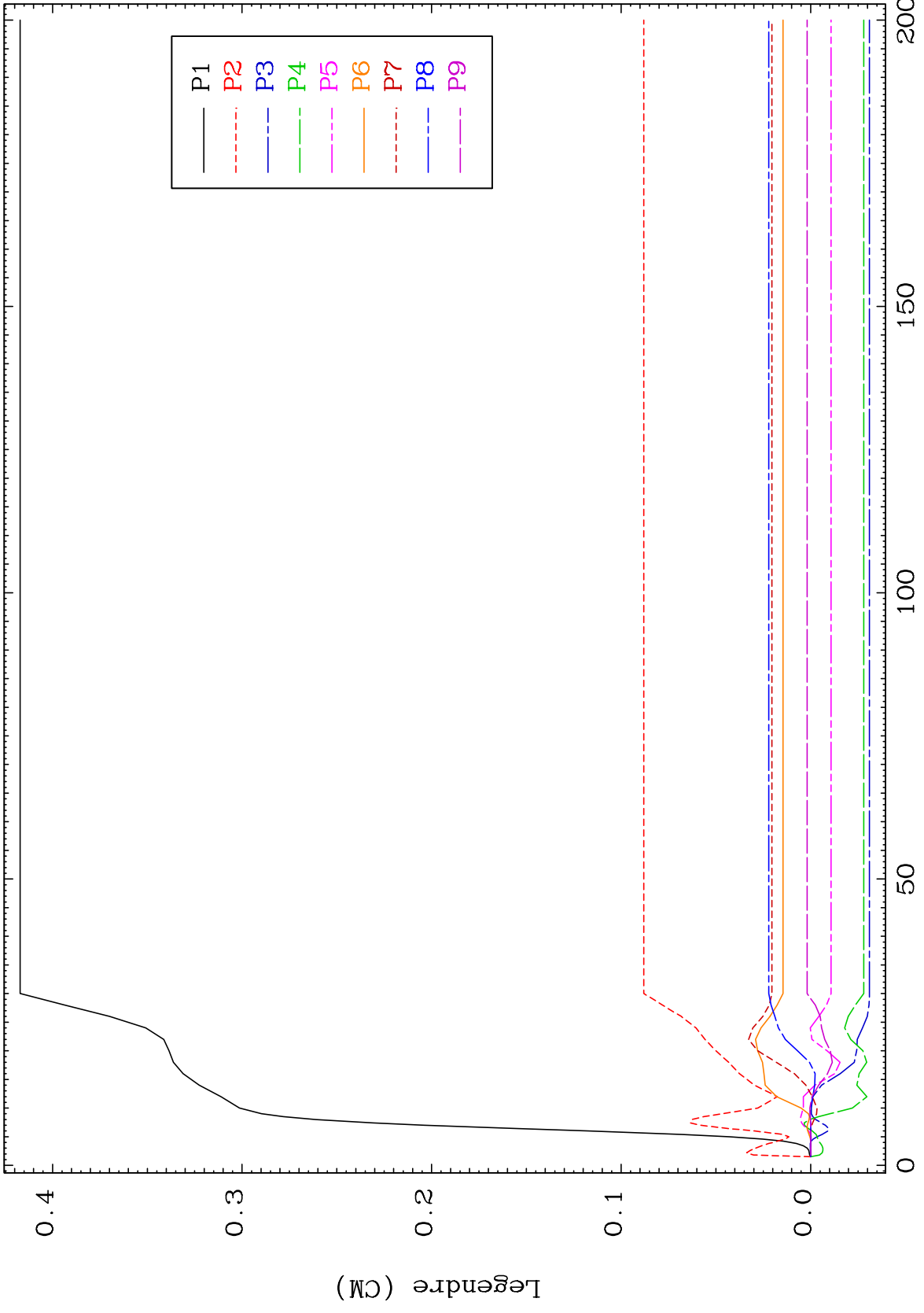
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



95

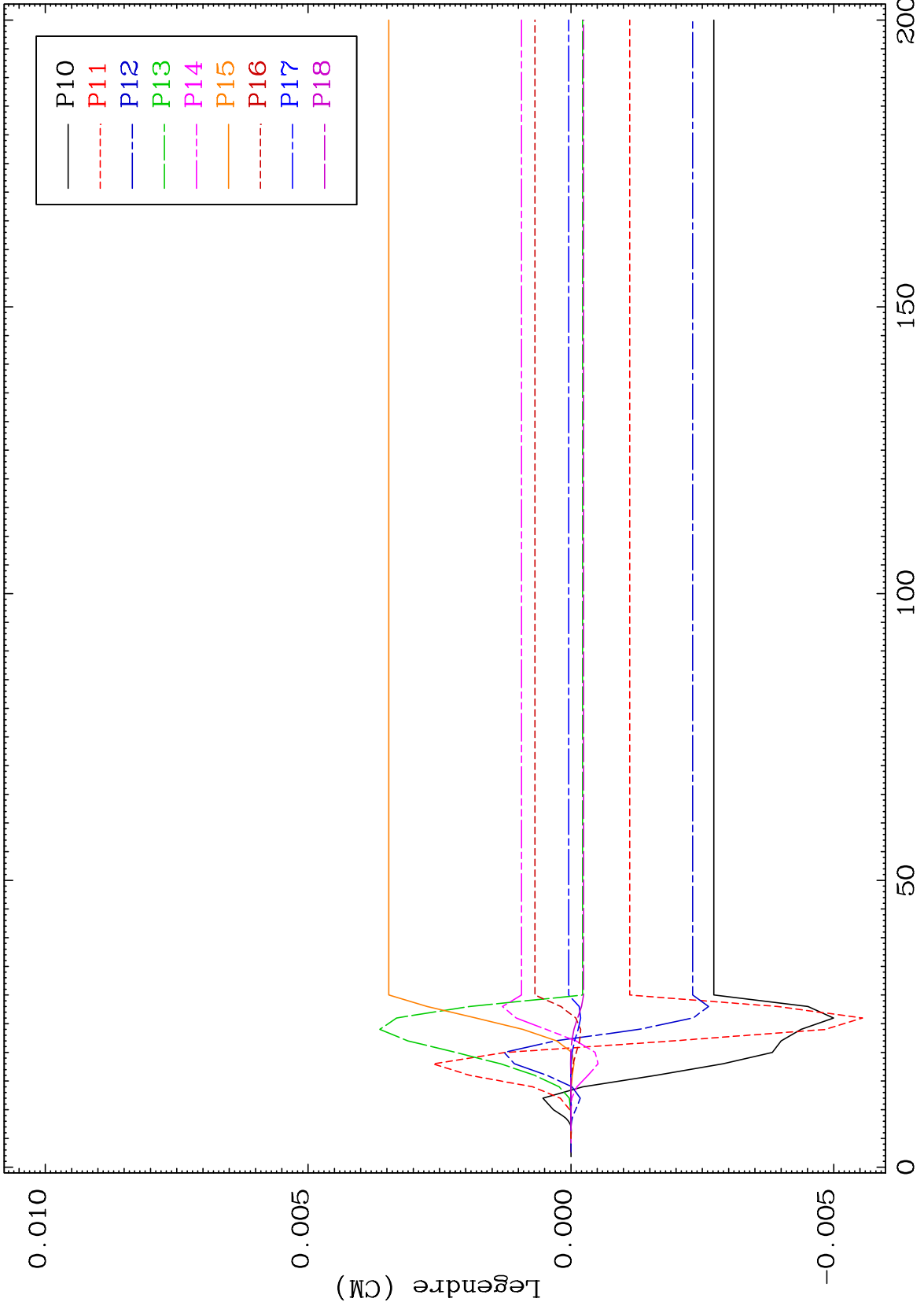
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117

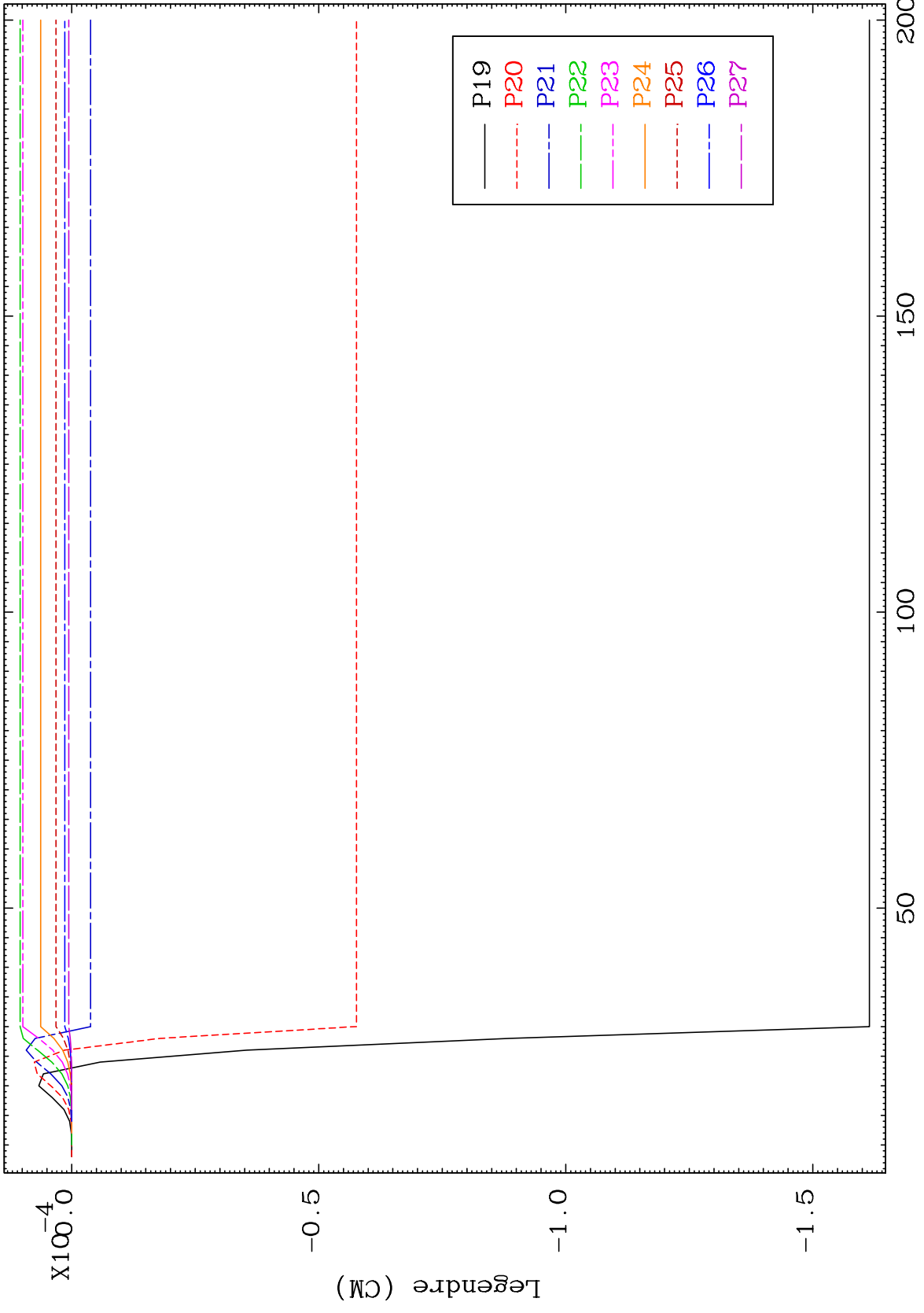


96

Incident Energy (MeV)

52-Te-117

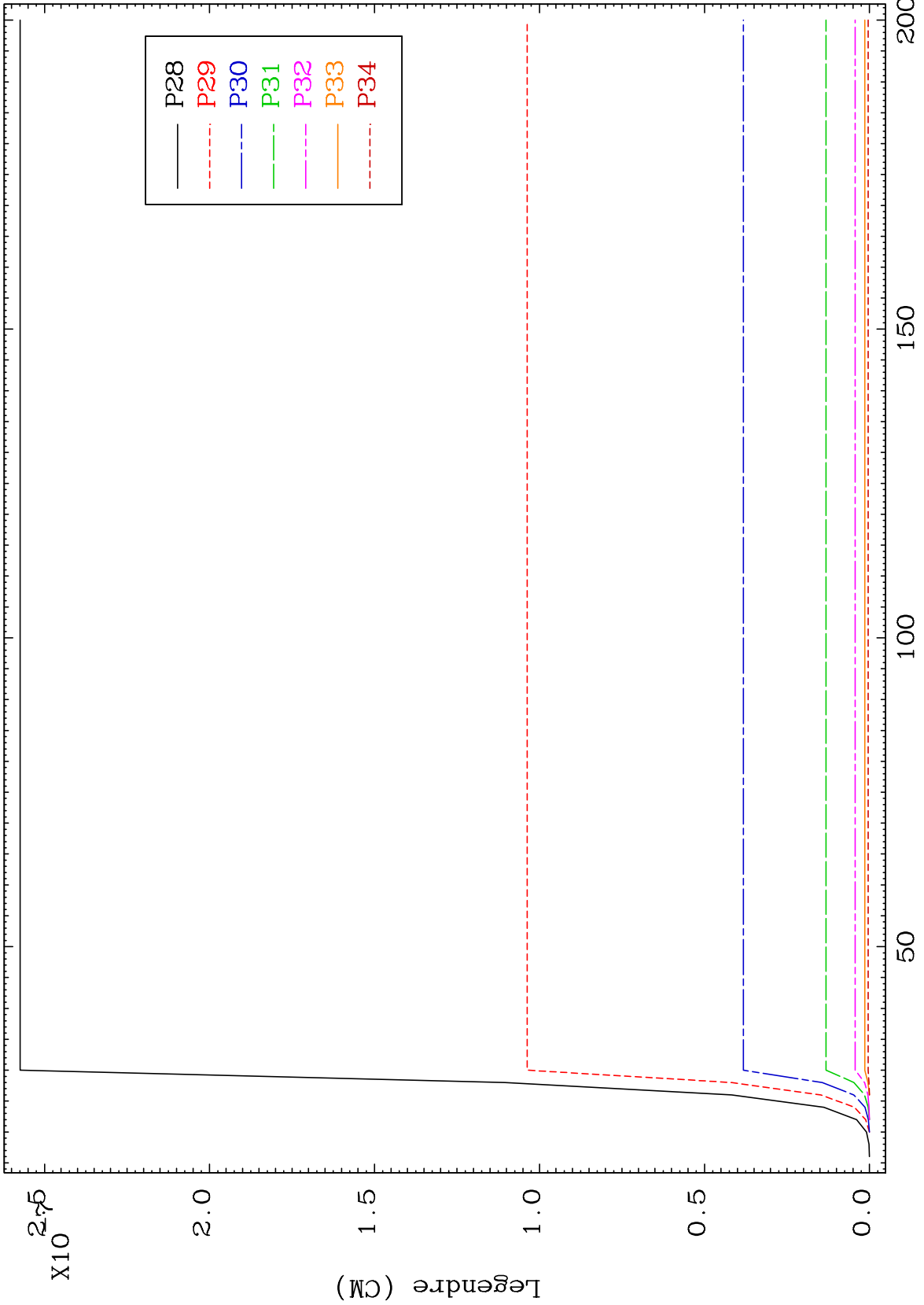
MAT 5216 MT= 70 (n,n') Level Legendre Coefficients 52-Te-117



MAT 5216

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

52-Te-117



98

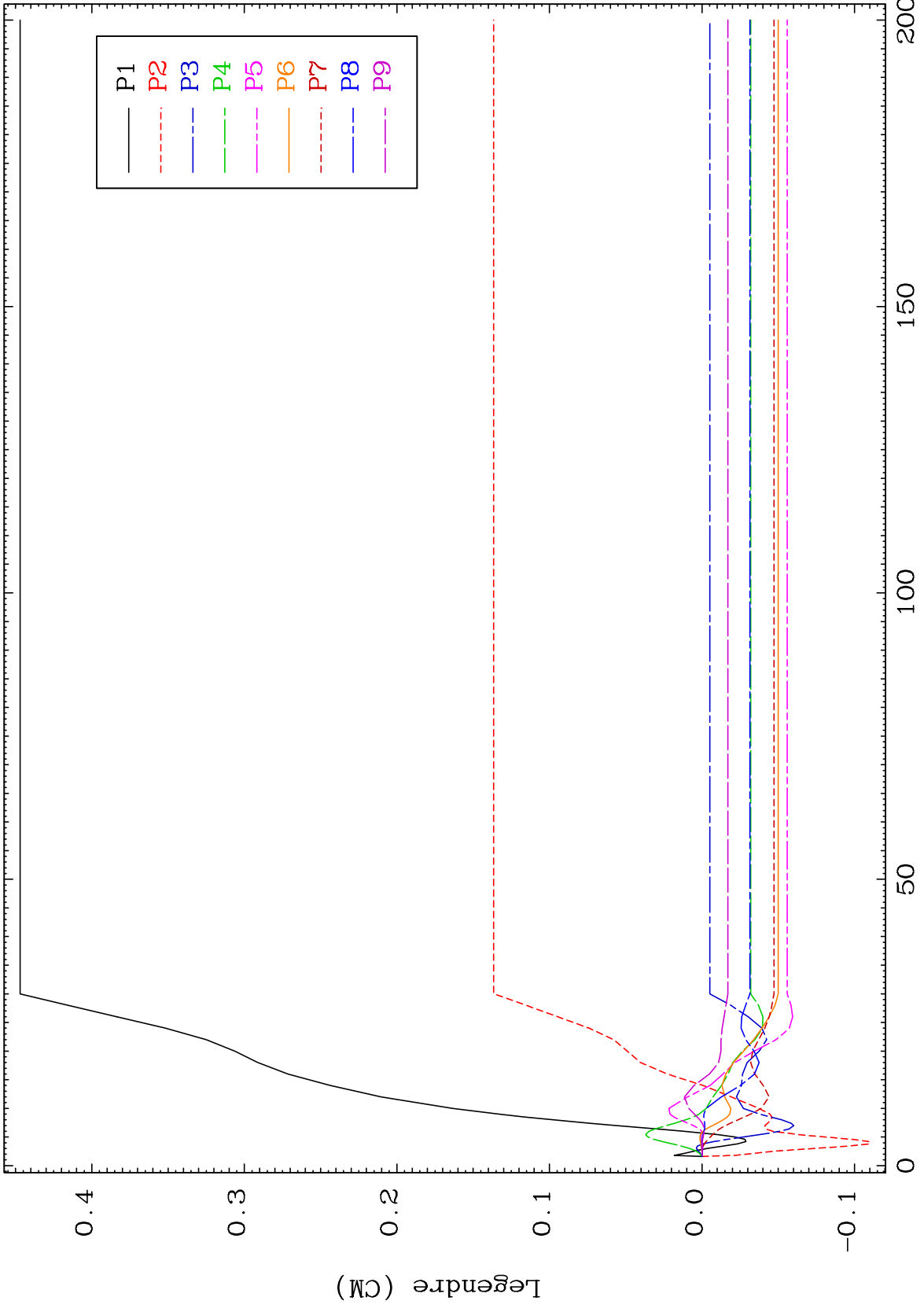
Incident Energy (MeV)

52-Te-117

MAT 5216

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

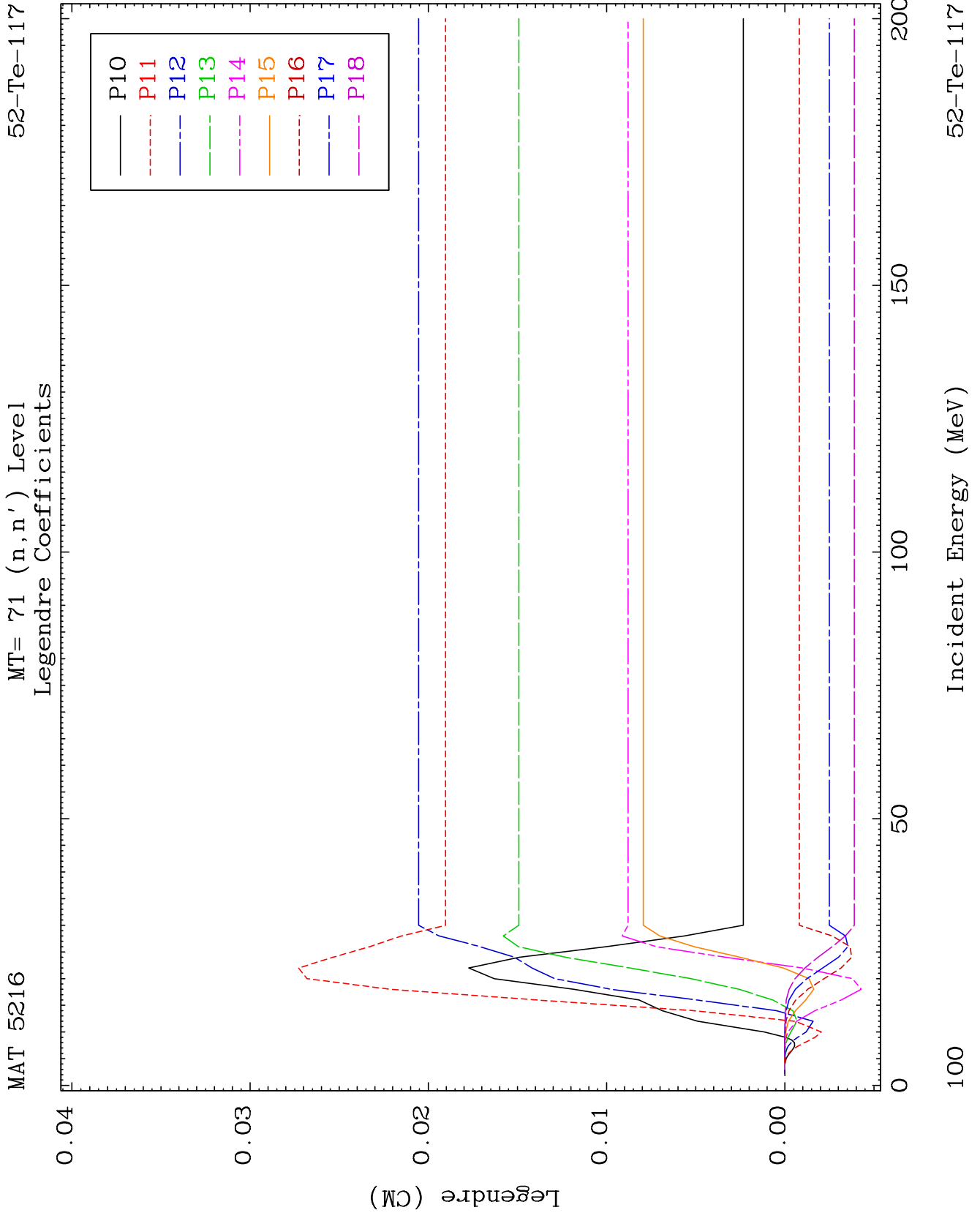
52-Te-117



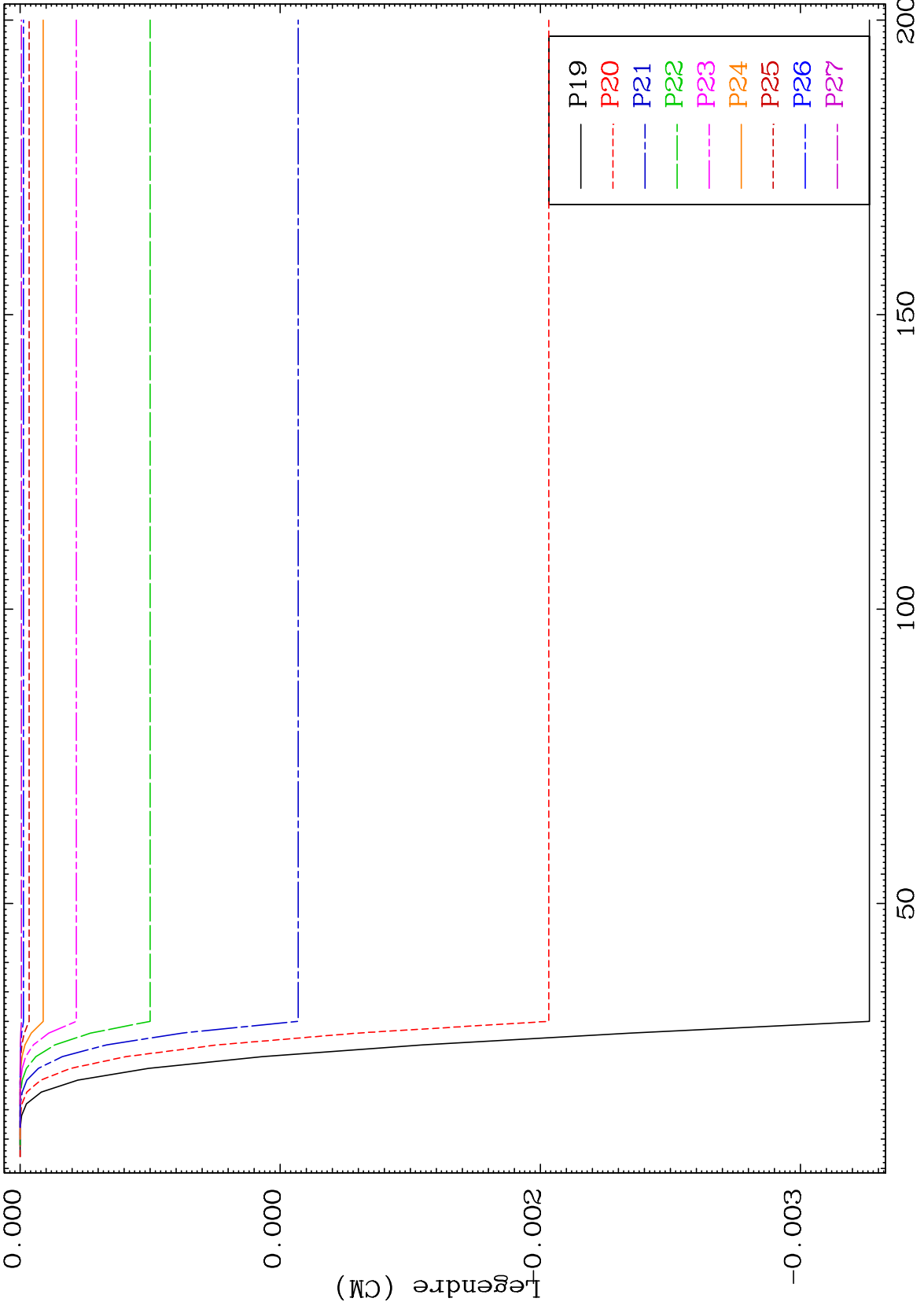
99

Incident Energy (MeV)

52-Te-117



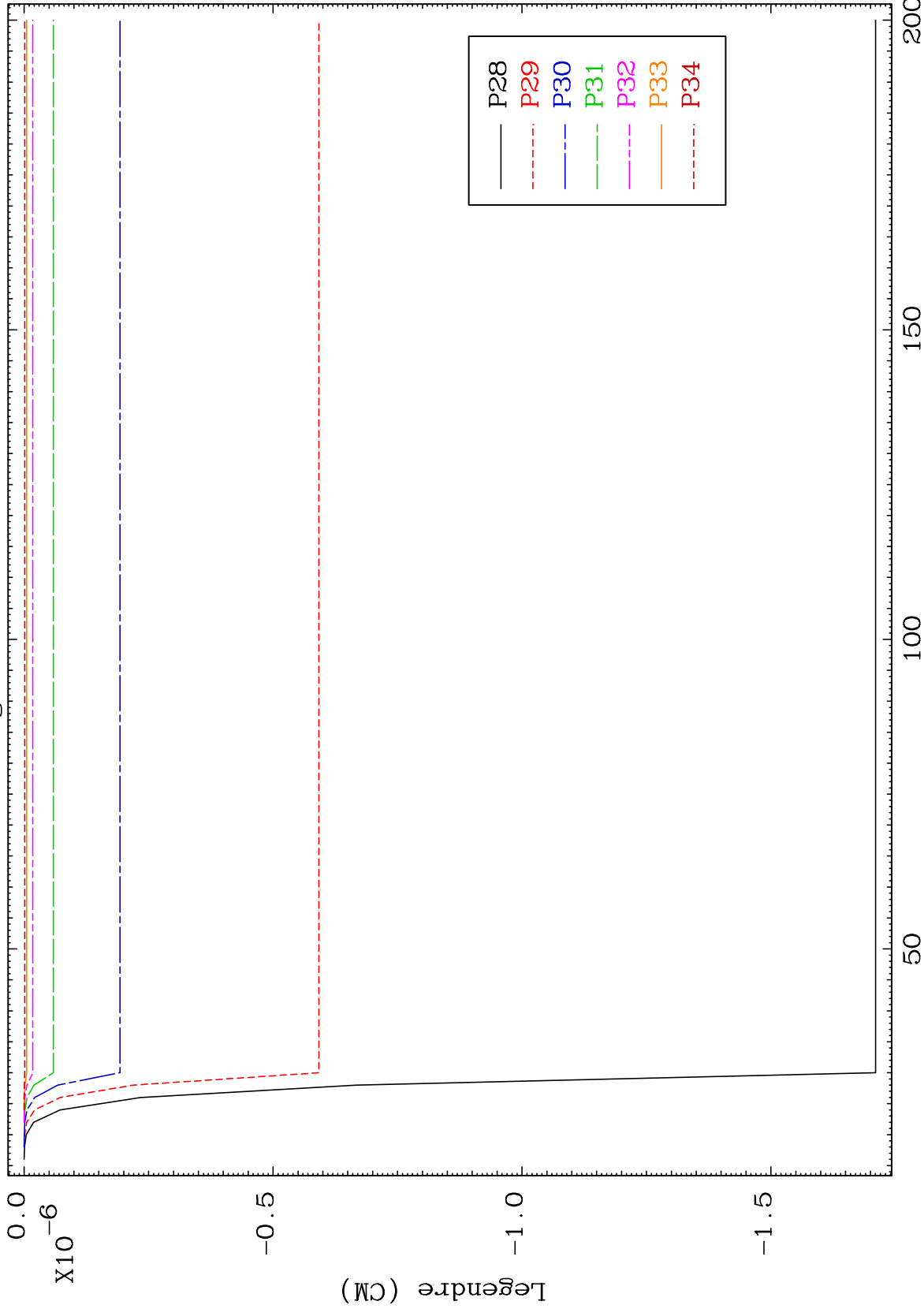
MAT 5216 MT= 71 (n,n') Level Legendre Coefficients 52-Te-117



MAT 5216

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

52-Te-117



52-Te-117

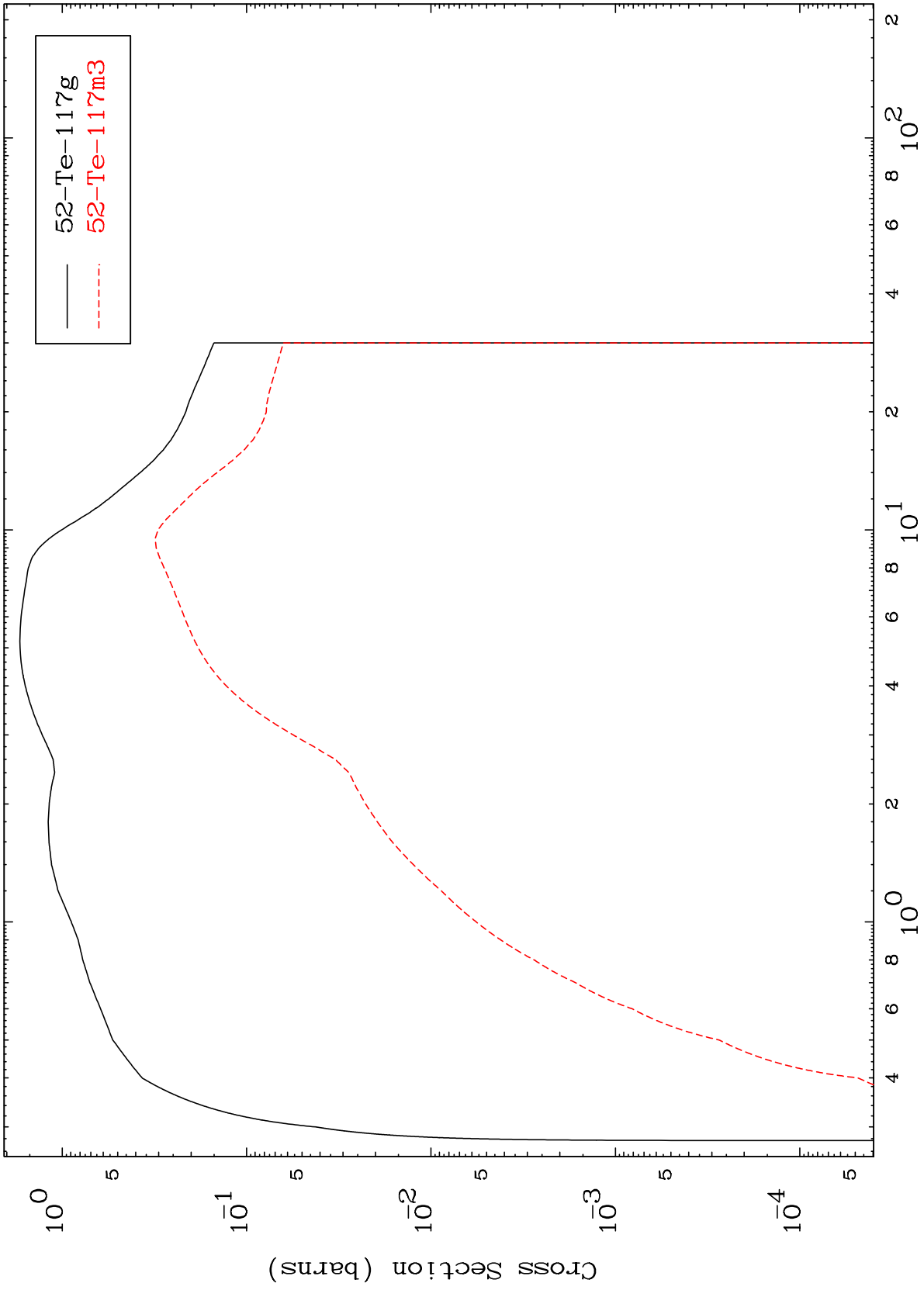
Incident Energy (MeV)

102

MAT 5216

52-Te-117

### Inelastic Radionuclide Production Cross Section



103

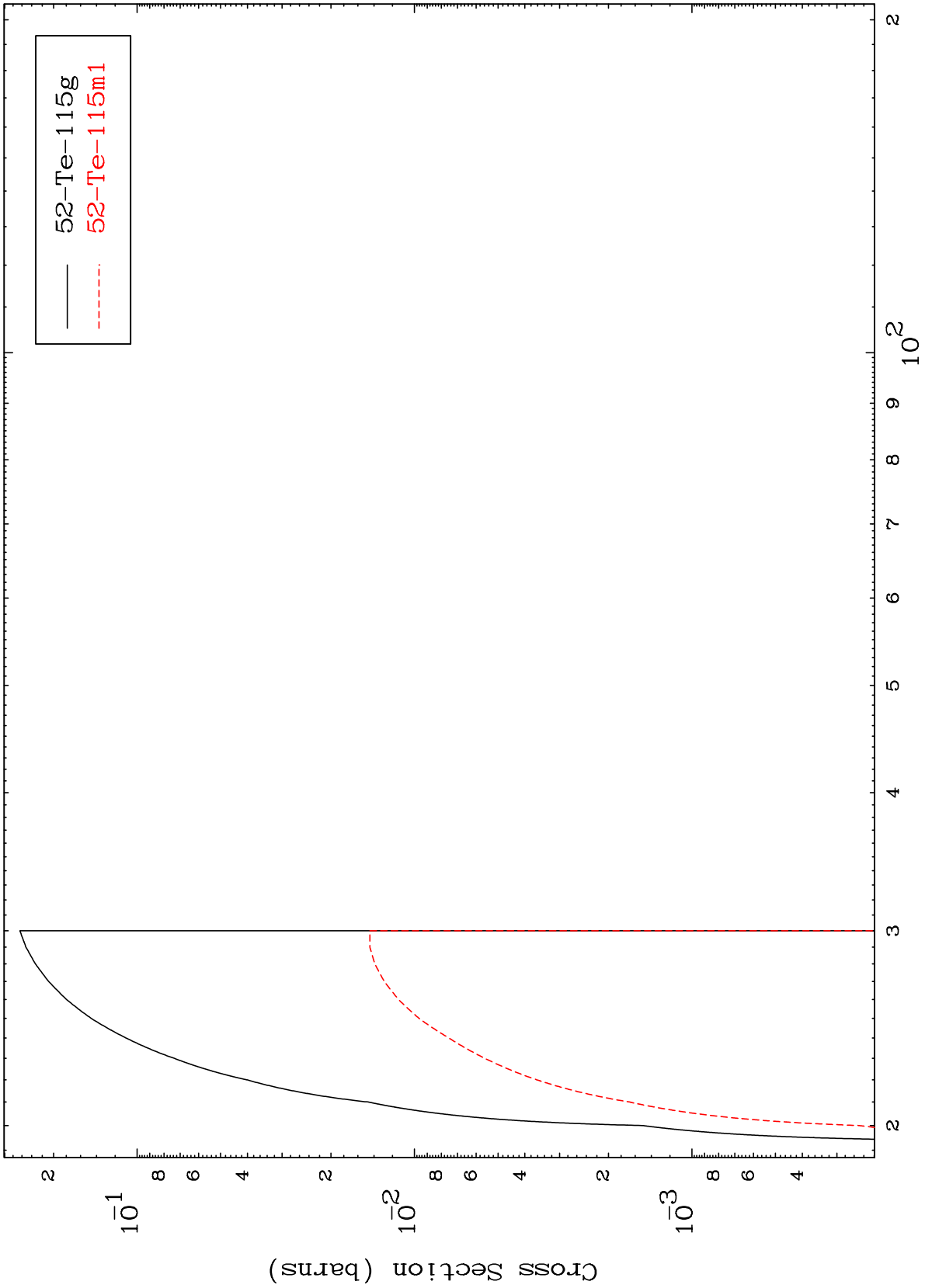
52-Te-117

MAT 5216

(n,3n)

52-Te-117

Radionuclide Production Cross Section



52-Te-115g  
52-Te-115m1

104

Incident Energy (MeV)

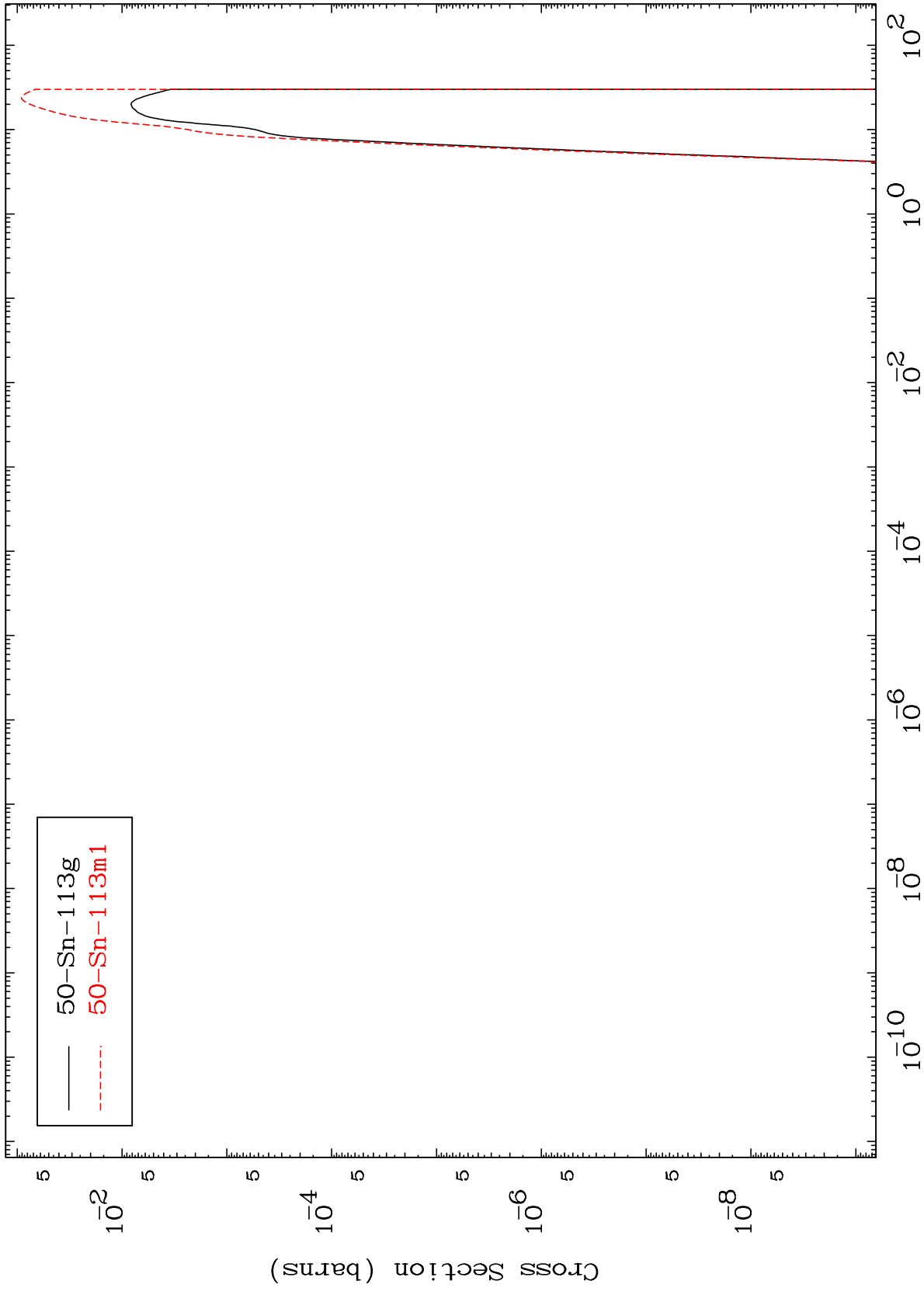
52-Te-117

MAT 5216

(n,n')  $\alpha$

52-Te-117

Radionuclide Production Cross Section



105

Incident Energy (MeV)

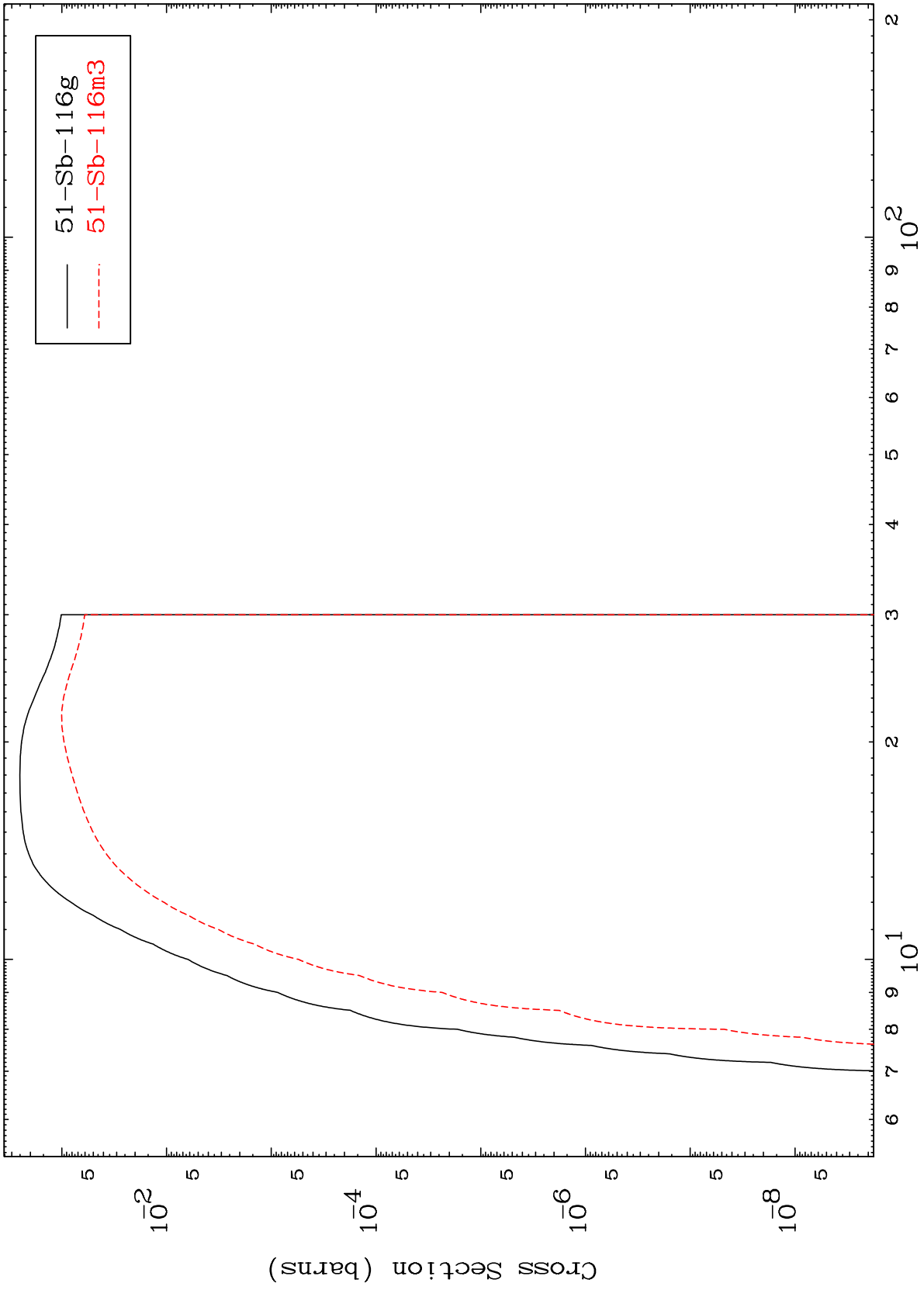
52-Te-117

MAT 5216

(n,n') p

52-Te-117

Radionuclide Production Cross Section



106

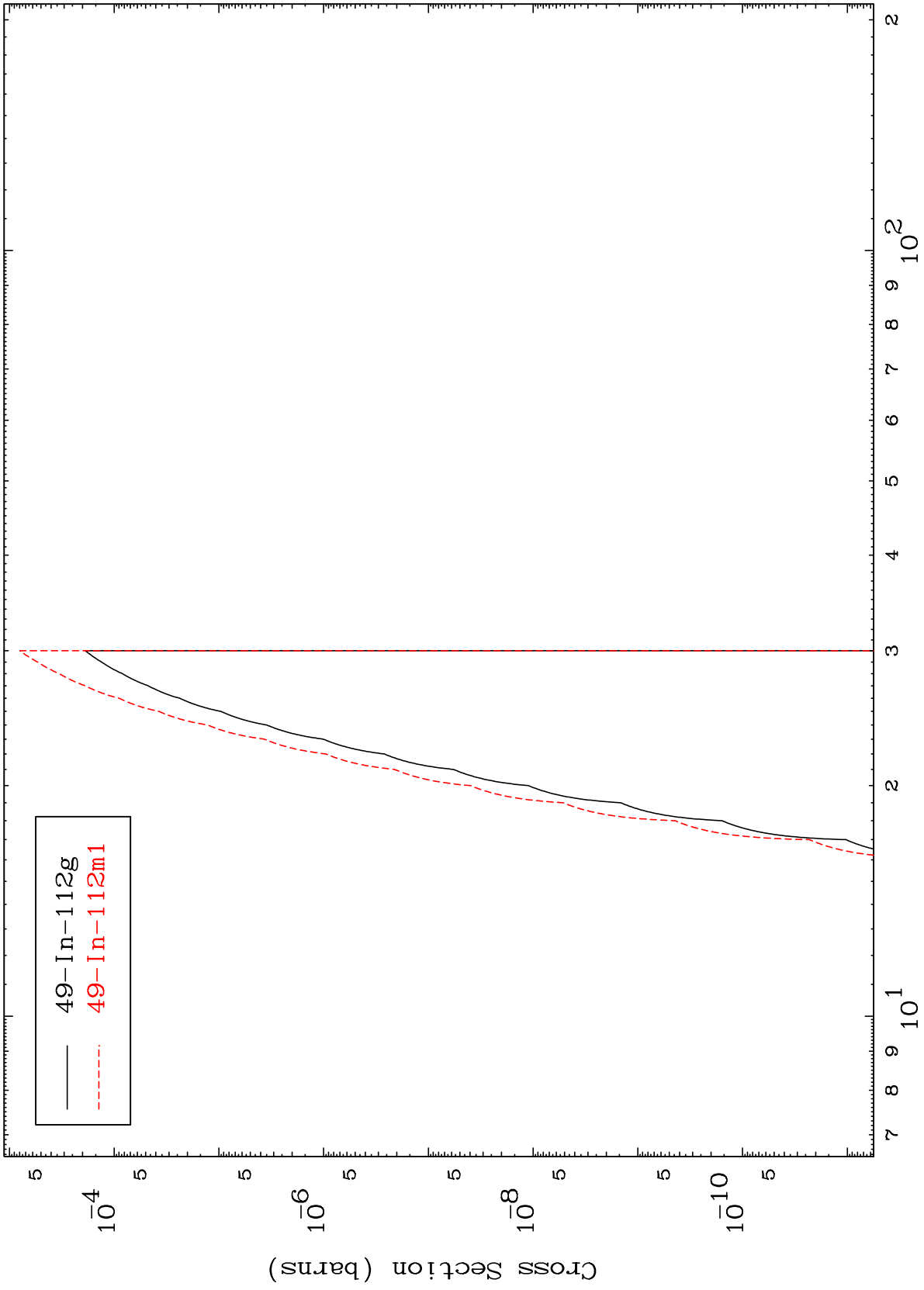
Incident Energy (MeV)

52-Te-117

MAT 5216

52-Te-117

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



107

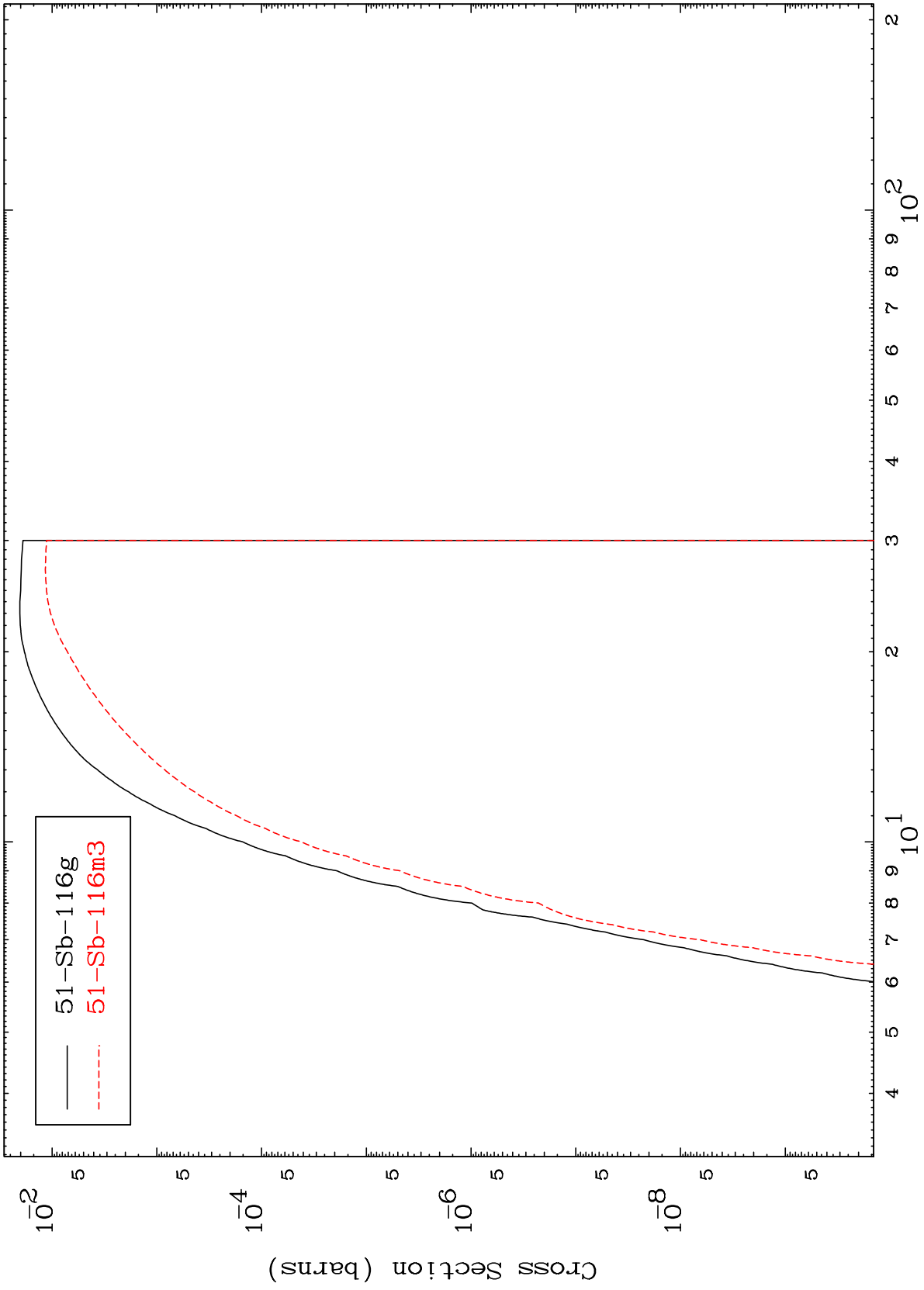
Incident Energy (MeV)

52-Te-117

MAT 5216

(n,d)  
Radionuclide Production Cross Section

52-Te-117



108

Incident Energy (MeV)

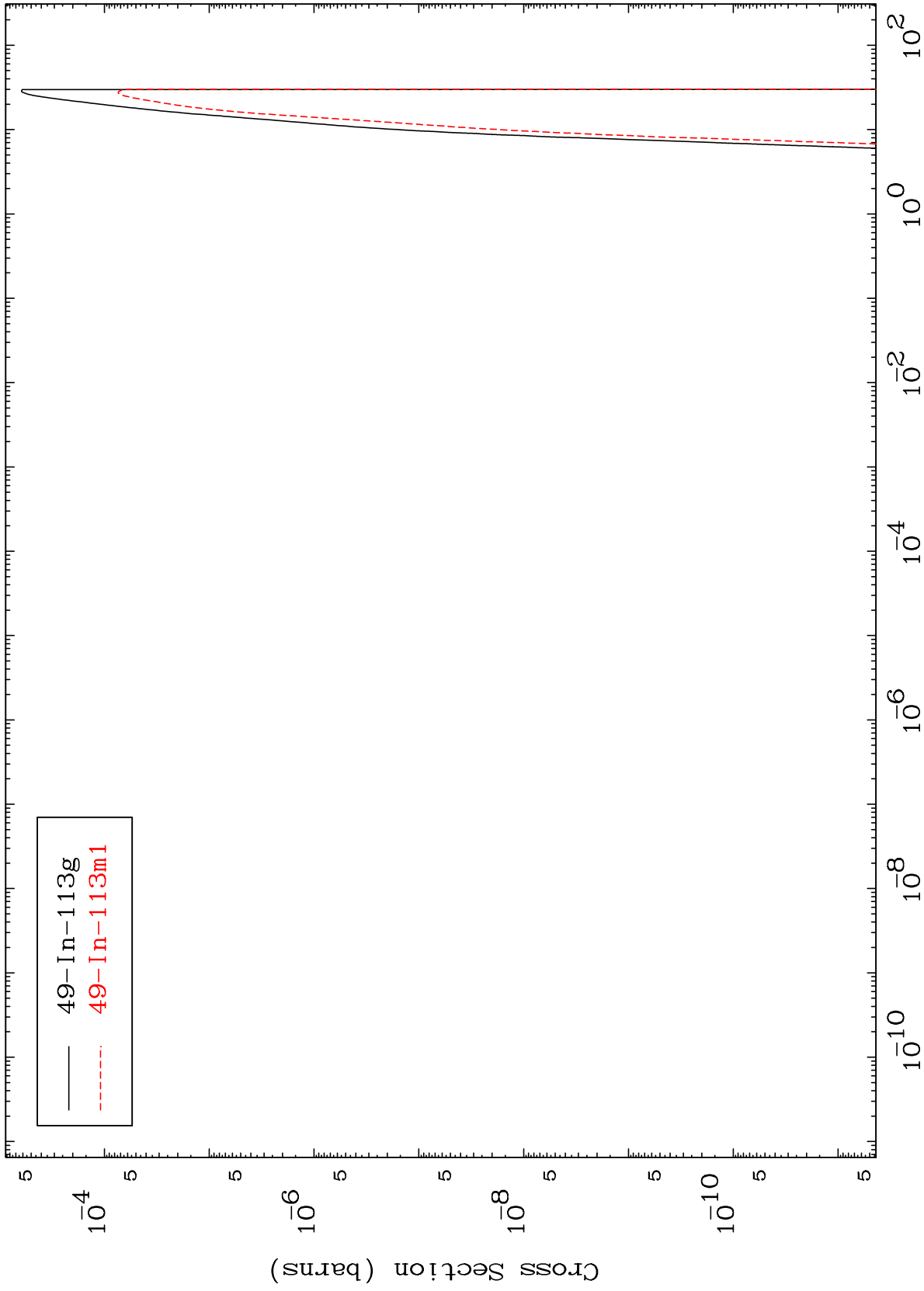
52-Te-117

MAT 5216

(n,p)  $\alpha$

52-Te-117

Radionuclide Production Cross Section



109

Incident Energy (MeV)

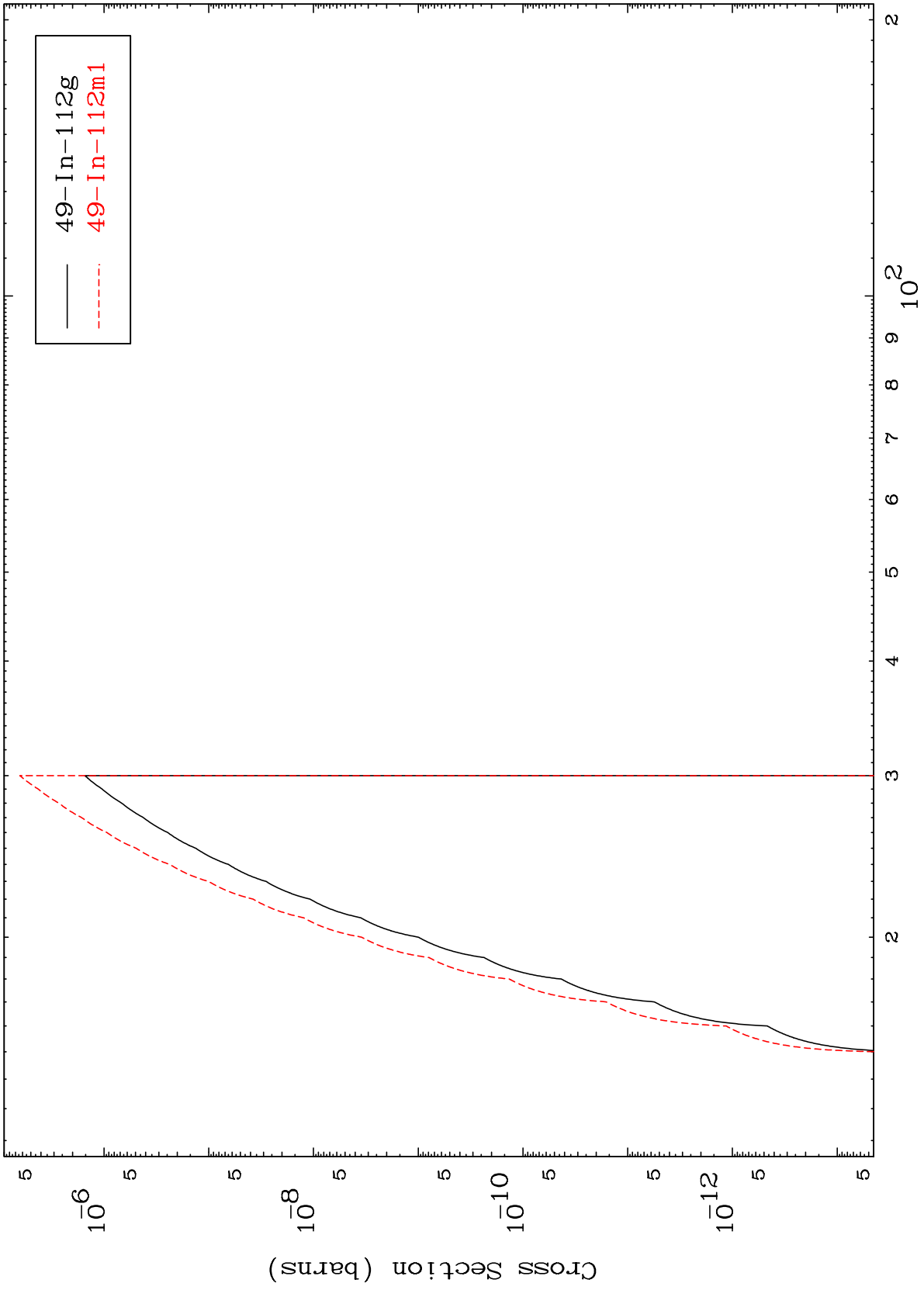
52-Te-117

MAT 5216

(n,d)  $\alpha$

52-Te-117

Radionuclide Production Cross Section



110

Incident Energy (MeV)

52-Te-117