

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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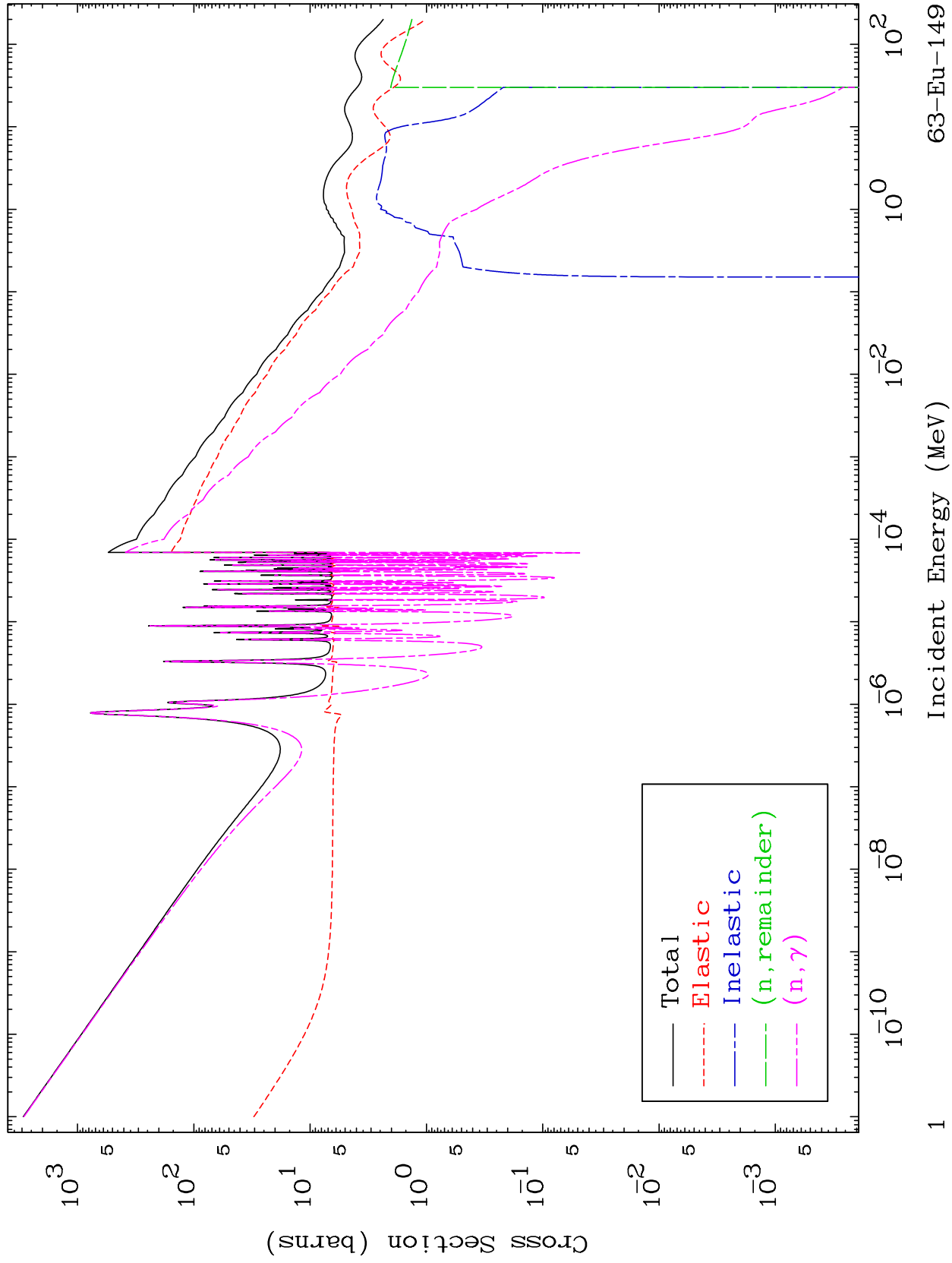
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6319

Major  
293 Kelvin Cross Sections

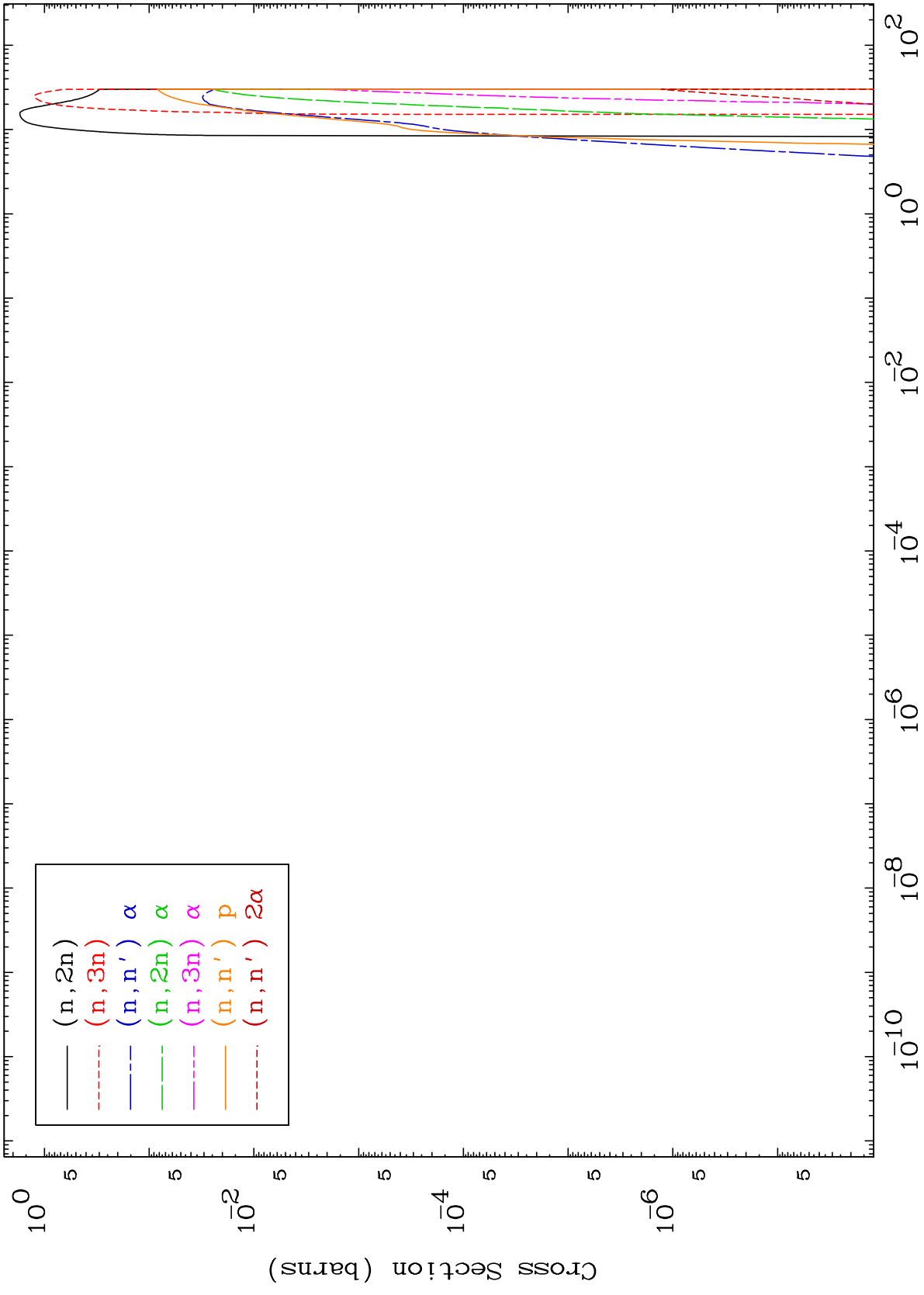
63-Eu-149



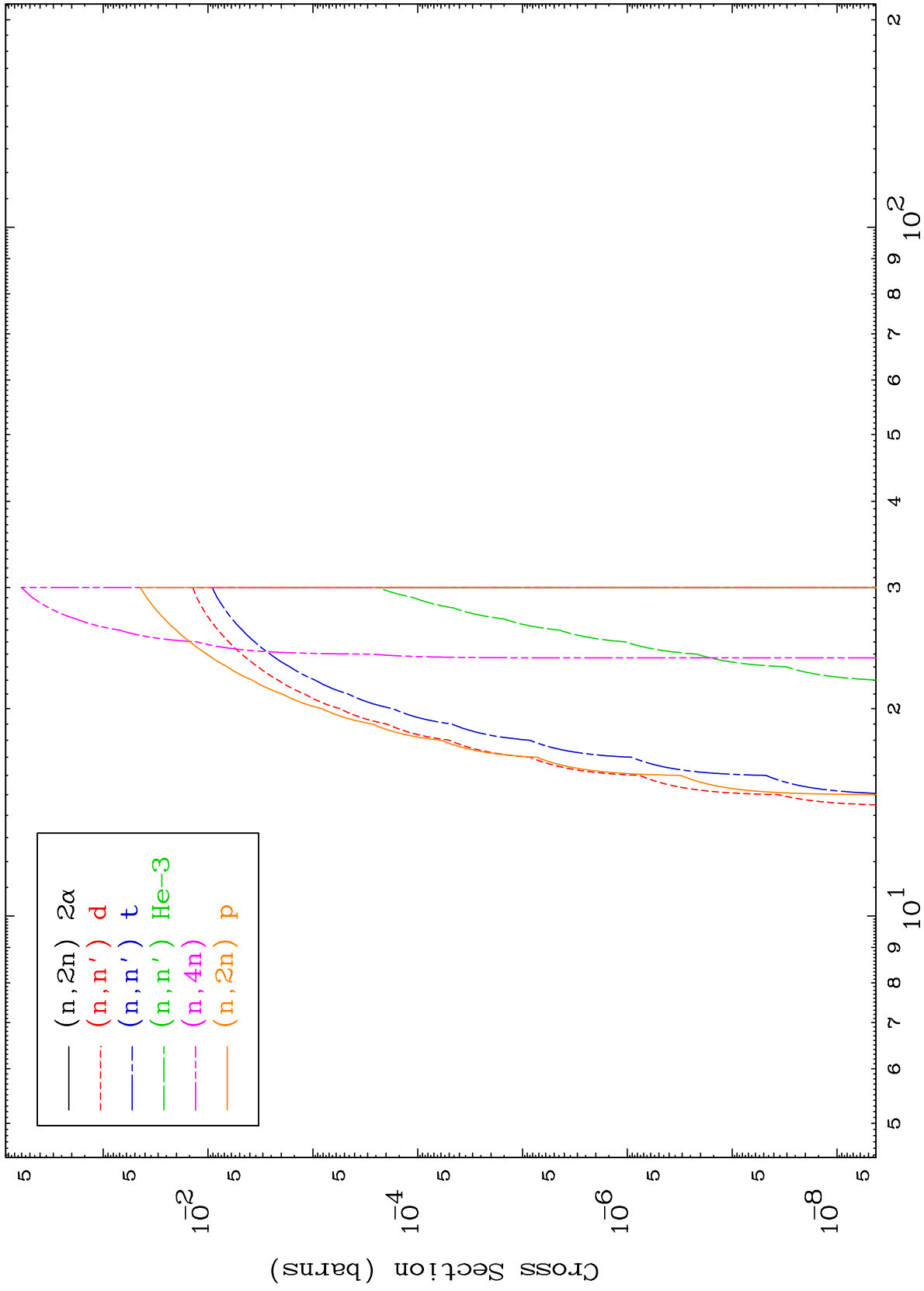
MAT 6319

Neutron Production  
293 Kelvin Cross Sections

63-Eu-149



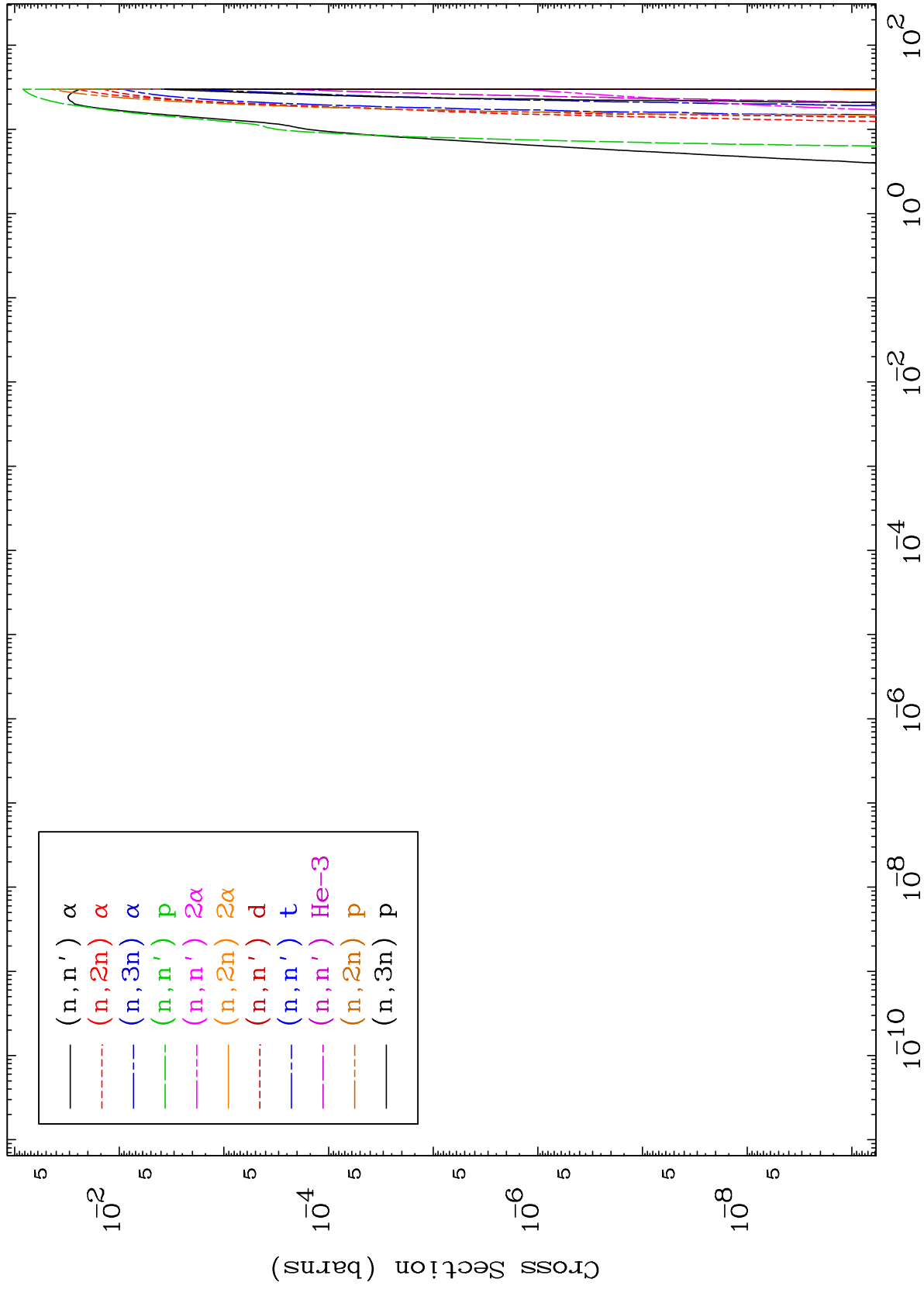
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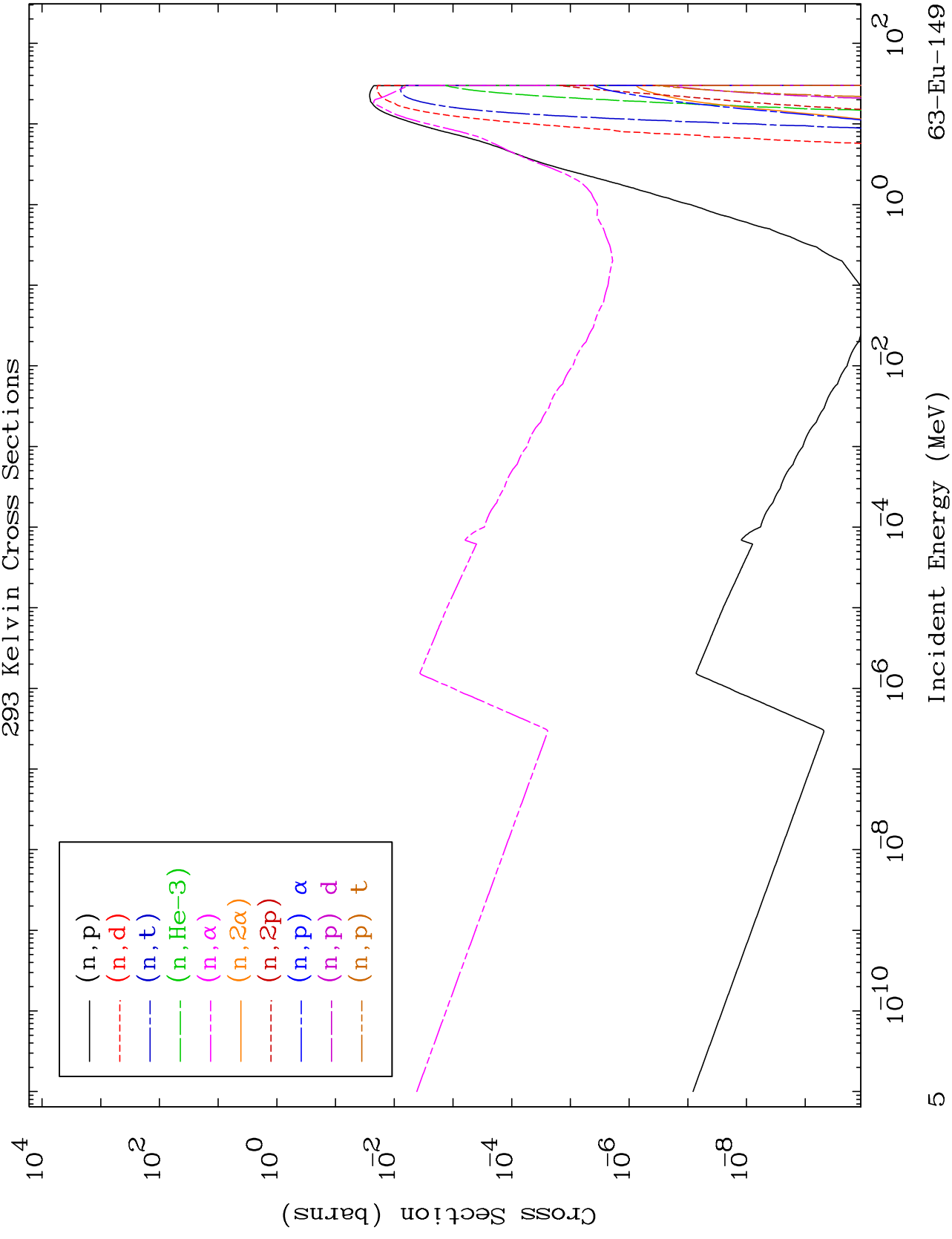


MAT 6319

Charged Particle  
293 Kelvin Cross Sections

63-Eu-149

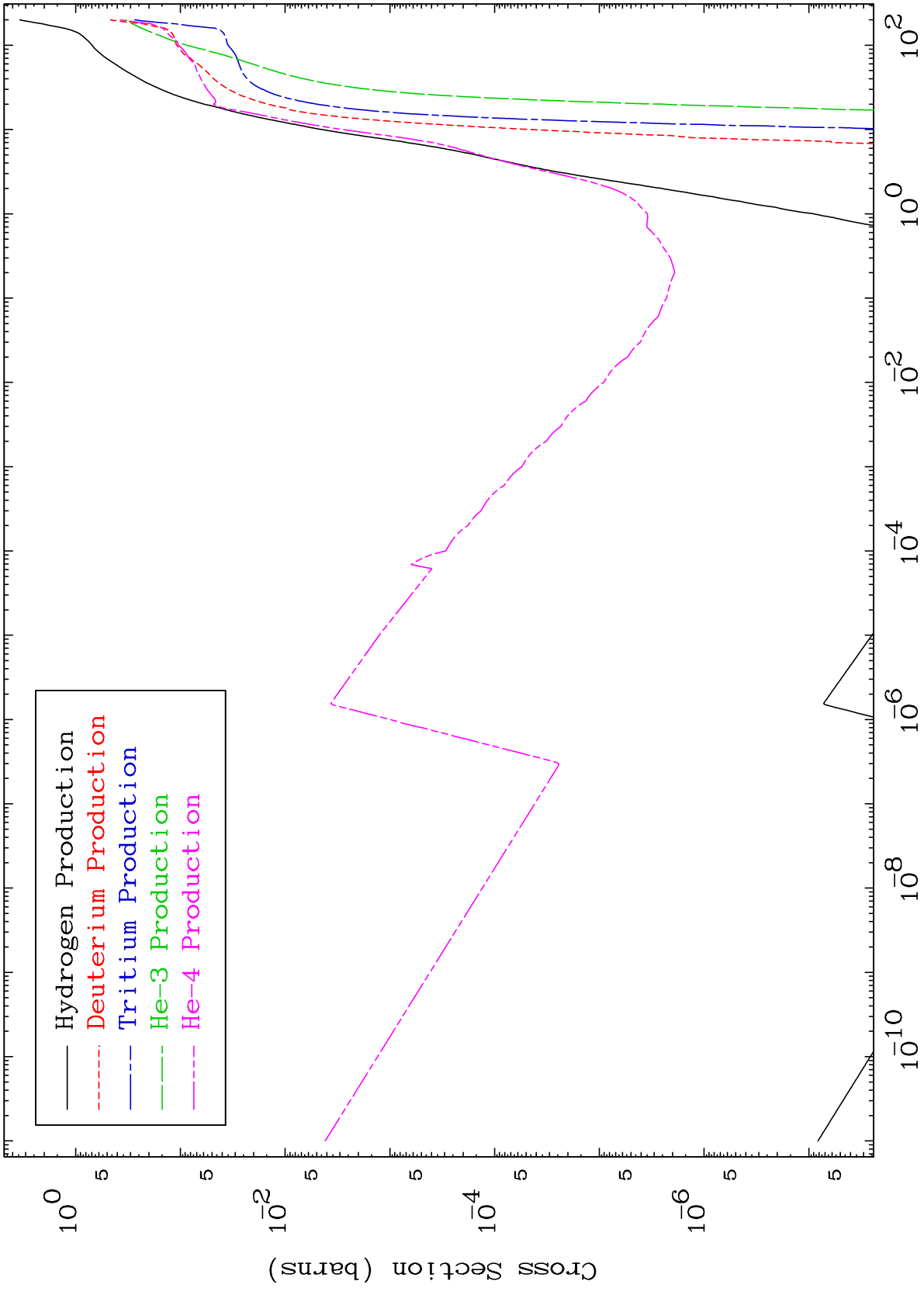




MAT 6319

Particle Production  
293 Kelvin Cross Sections

63-Eu-149



6

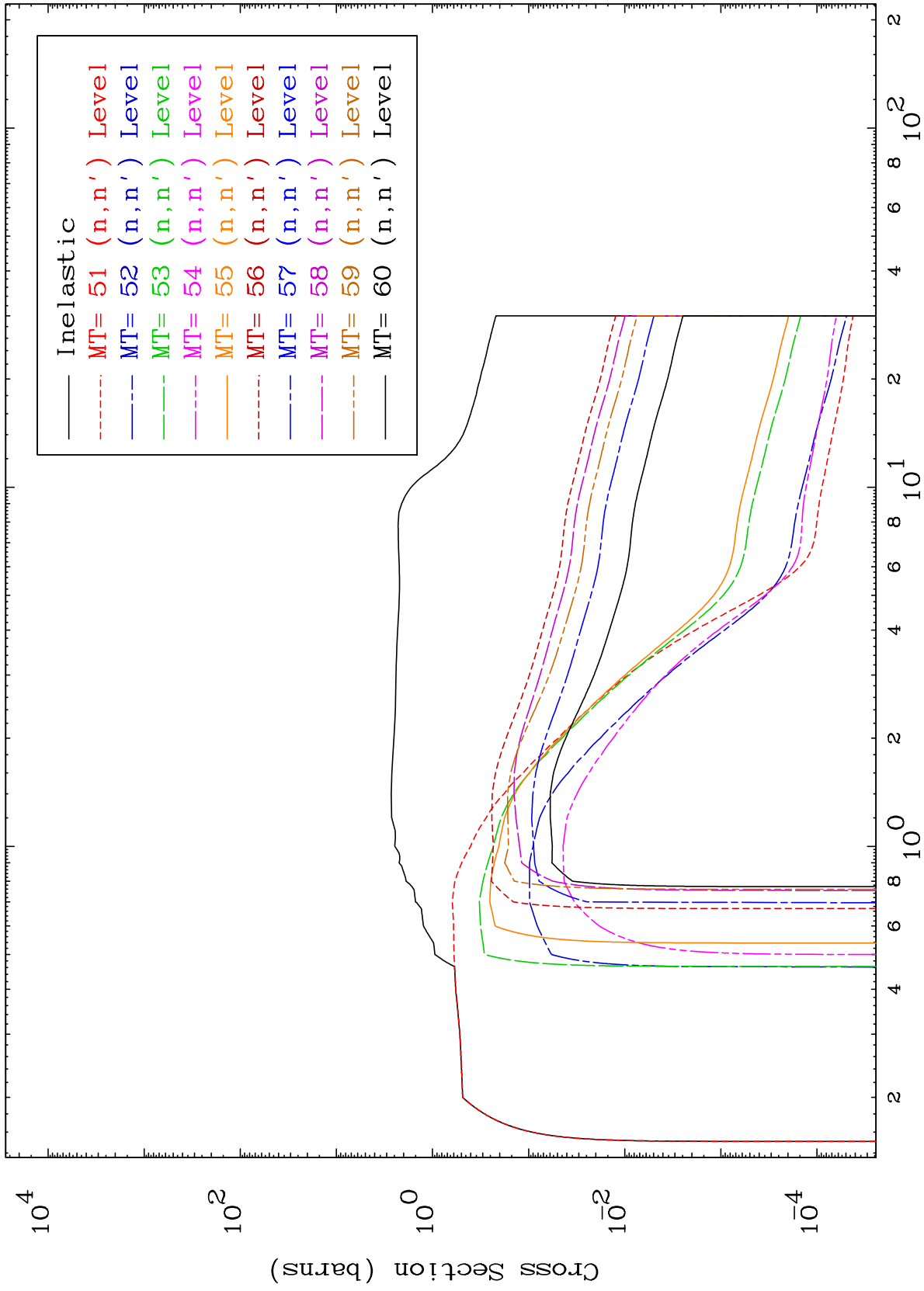
Incident Energy (MeV)

63-Eu-149

MAT 6319

(n,n') Level  
293 Kelvin Cross Sections

63-Eu-149



7

Incident Energy (MeV)

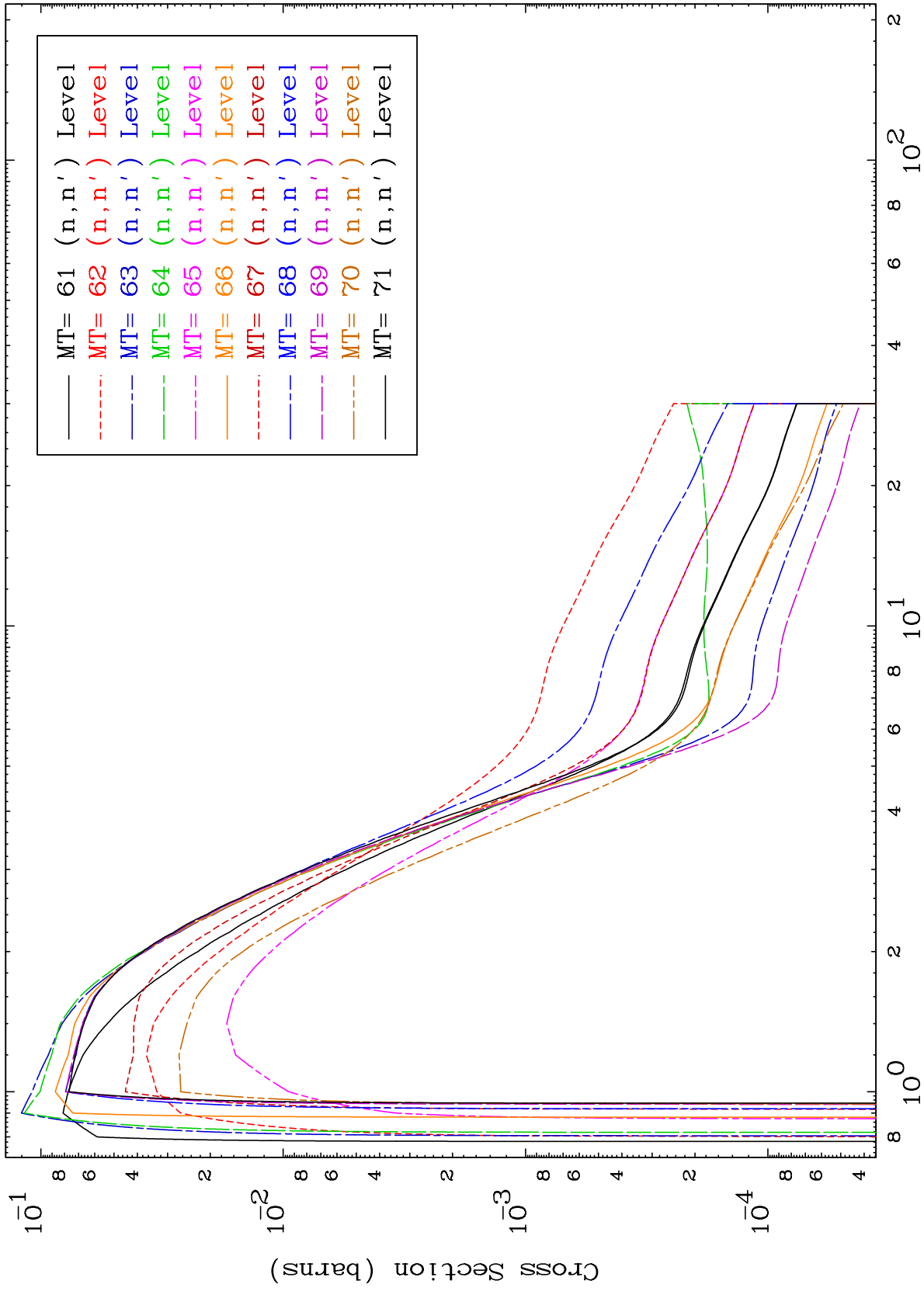
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MAT 6319

(n,n') Level  
293 Kelvin Cross Sections

63-Eu-149



8

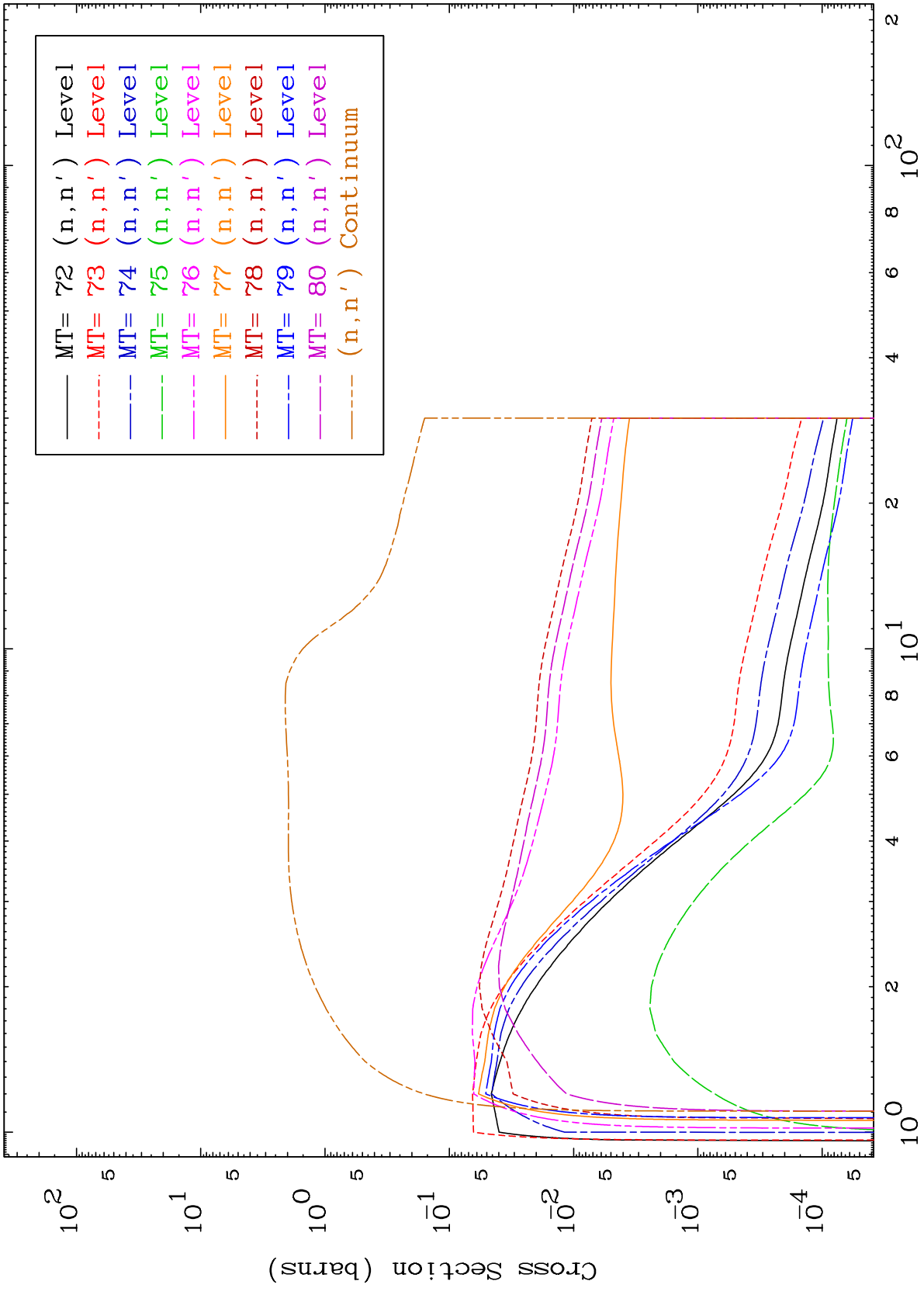
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63-Eu-149

MAT 6319

(n,n') Level  
293 Kelvin Cross Sections

63-Eu-149



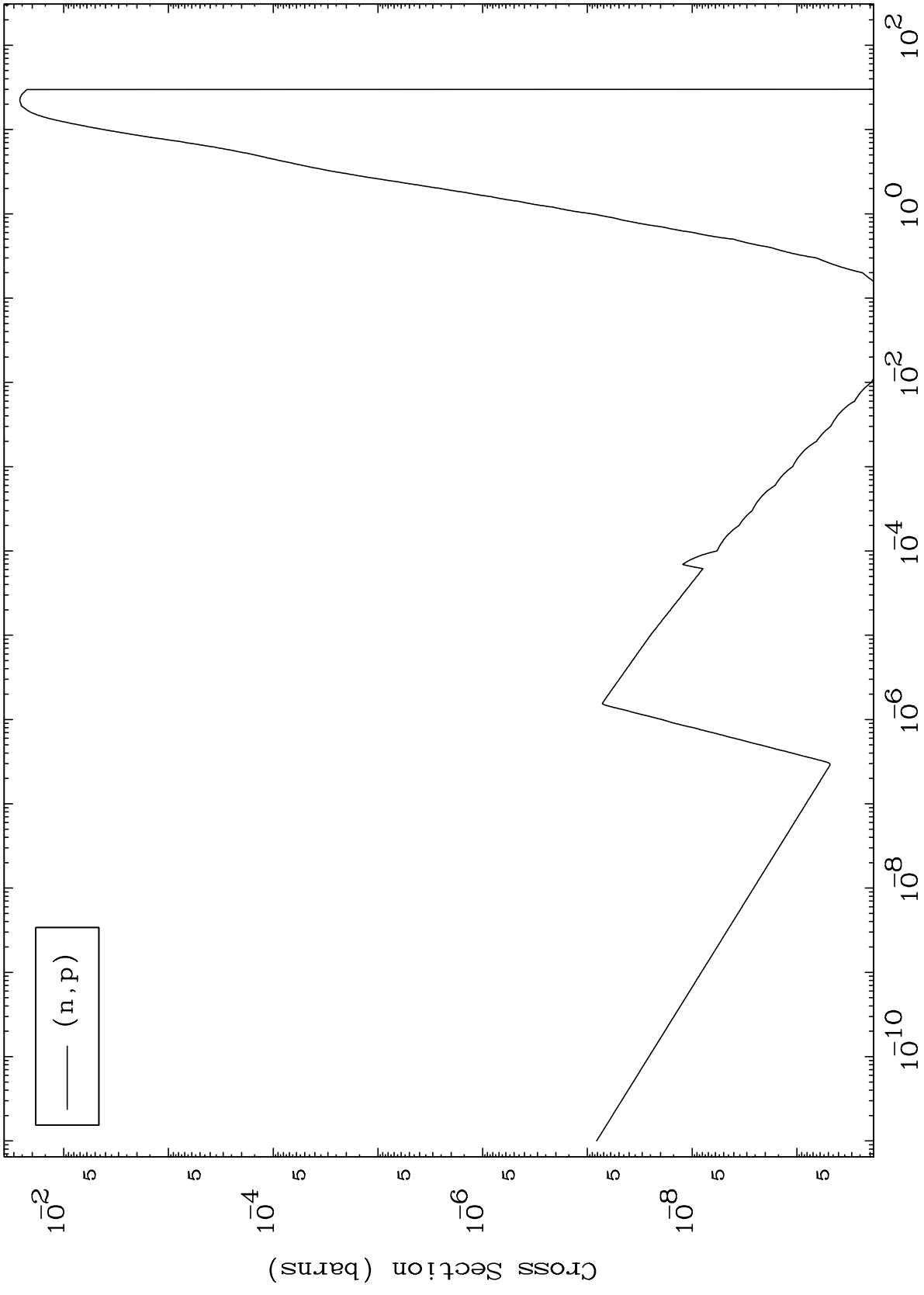
Incident Energy (MeV)

63-Eu-149

MAT 6319

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-149



10

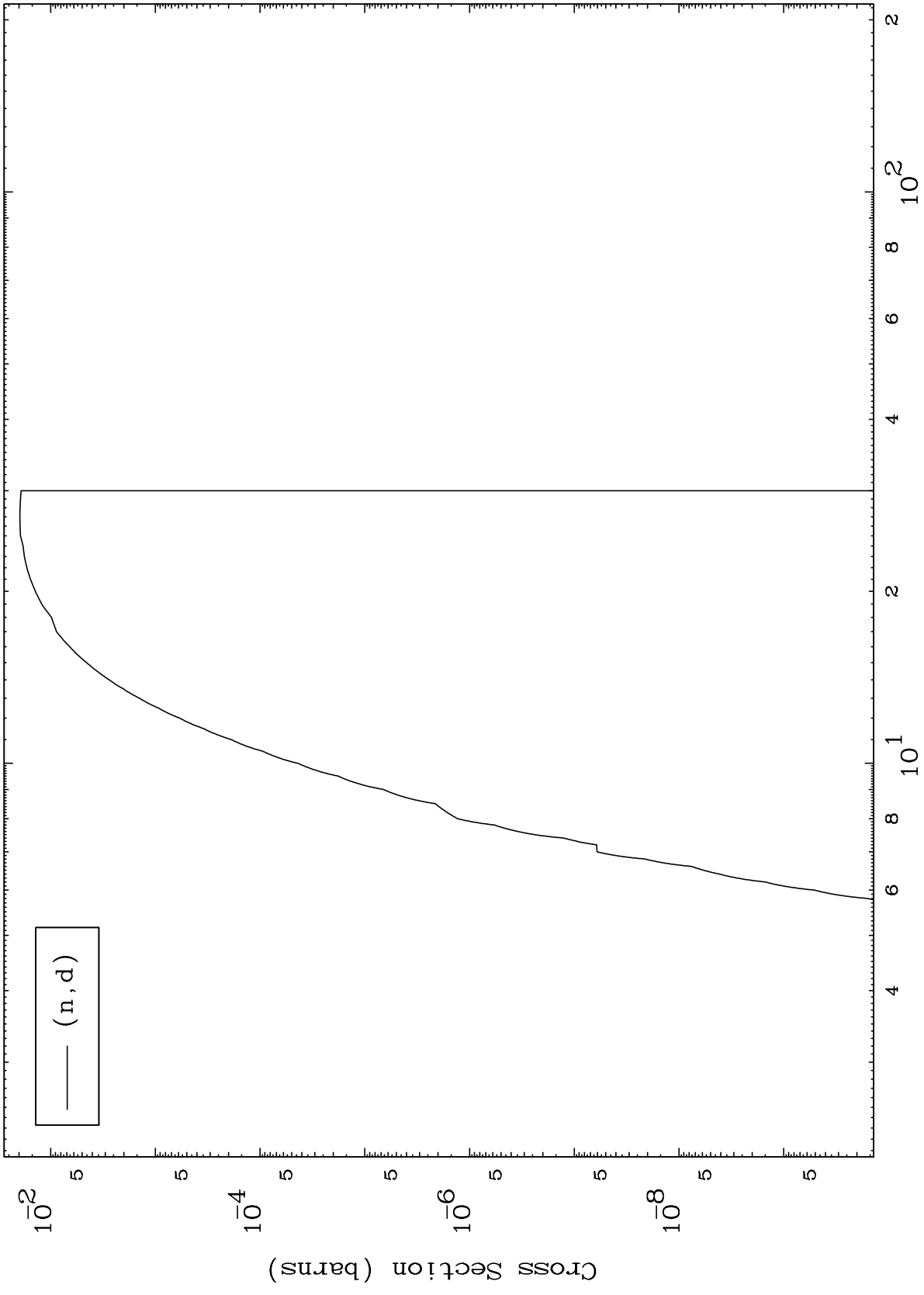
Incident Energy (MeV)

63-Eu-149

MAT 6319

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-149

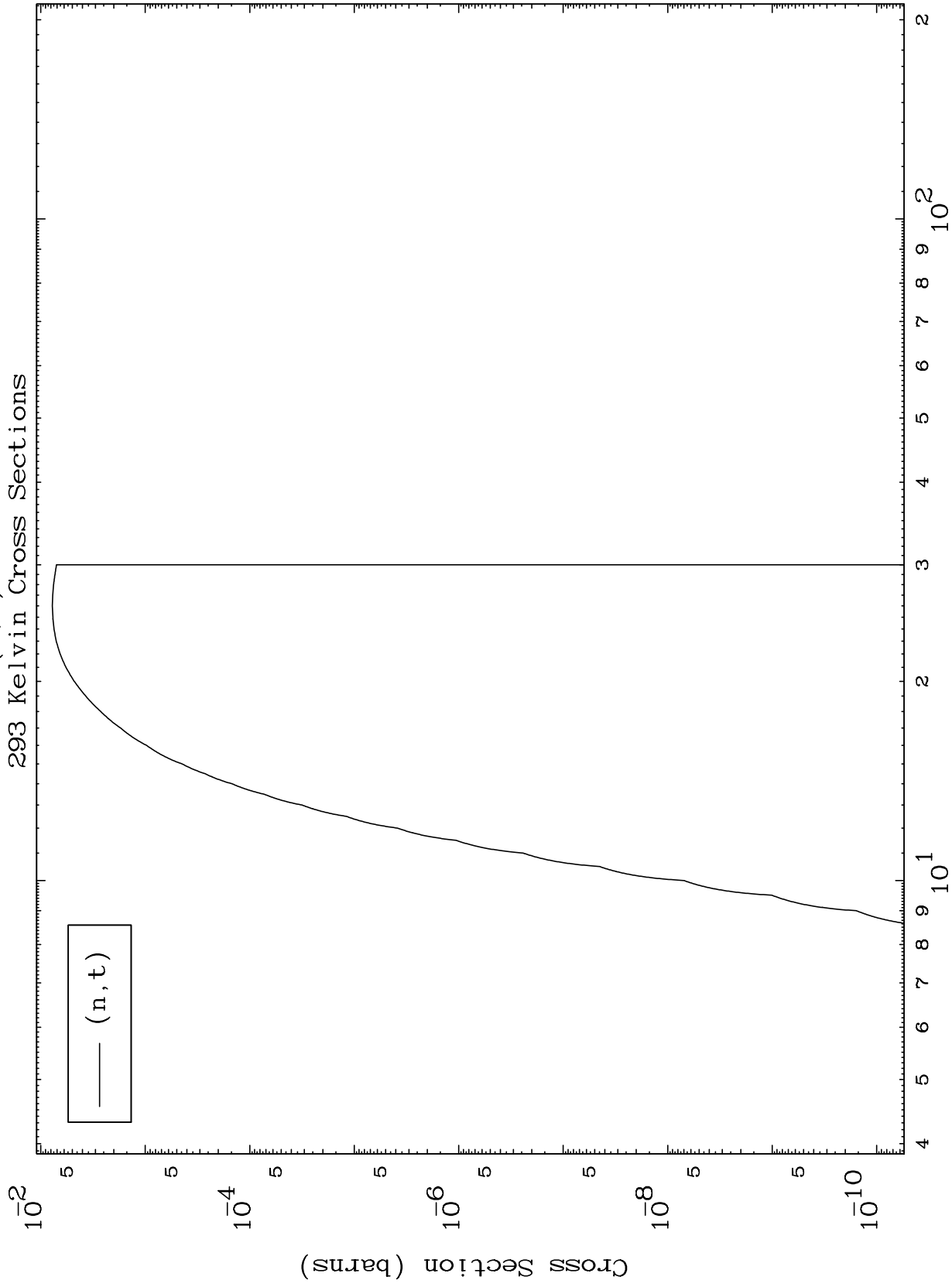


63-Eu-149

MAT 6319

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-149



12

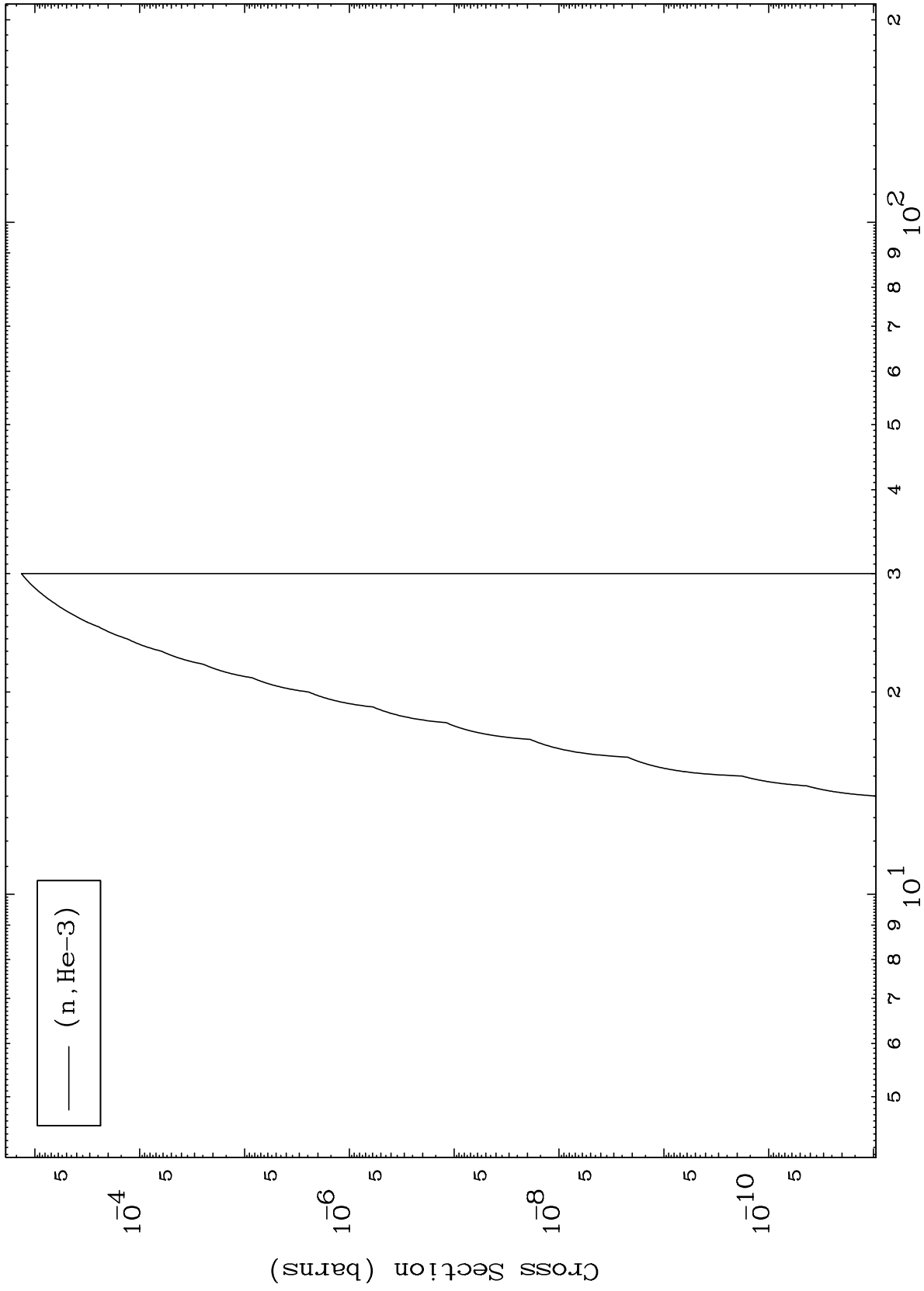
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63-Eu-149

MAT 6319

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-149



13

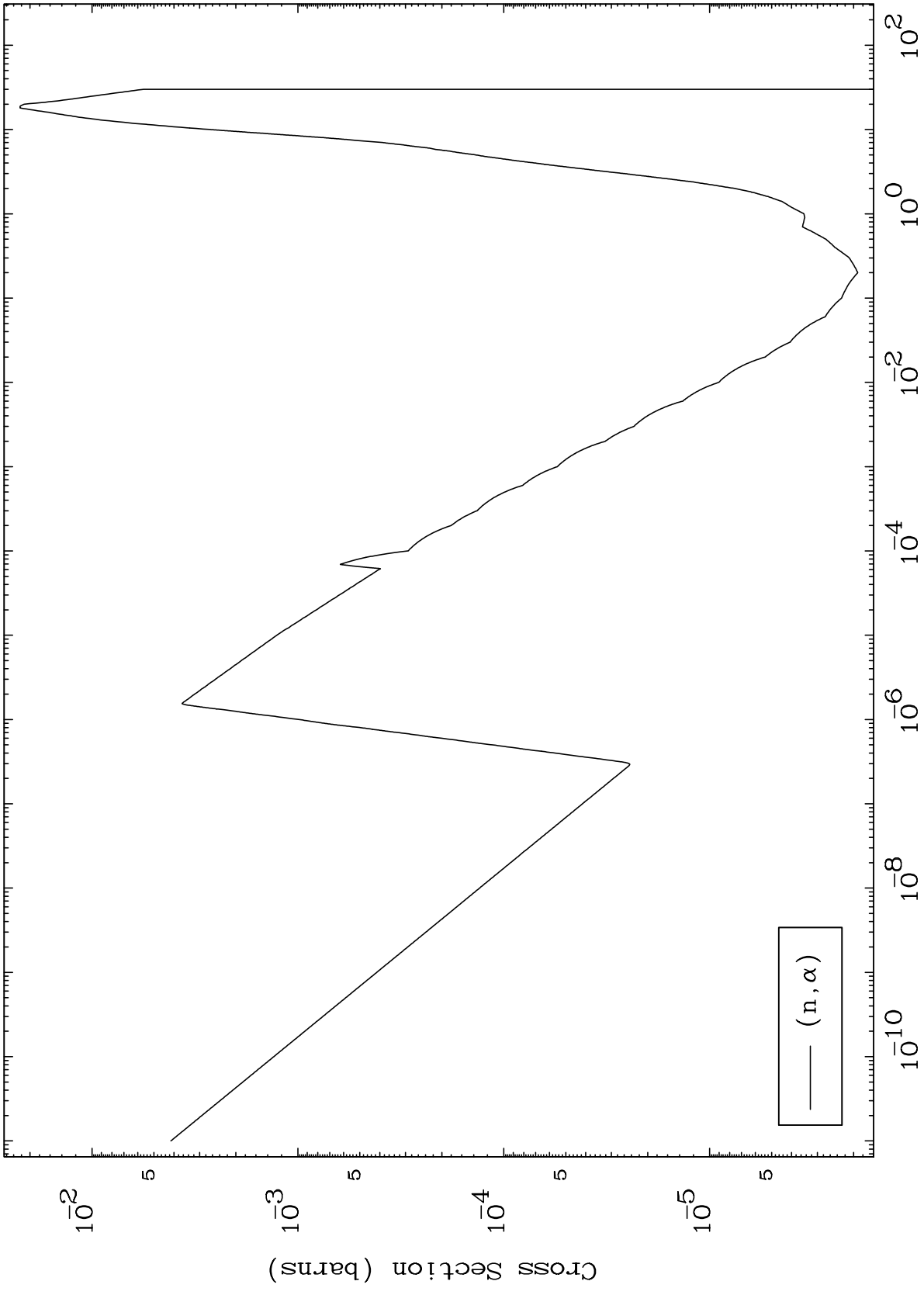
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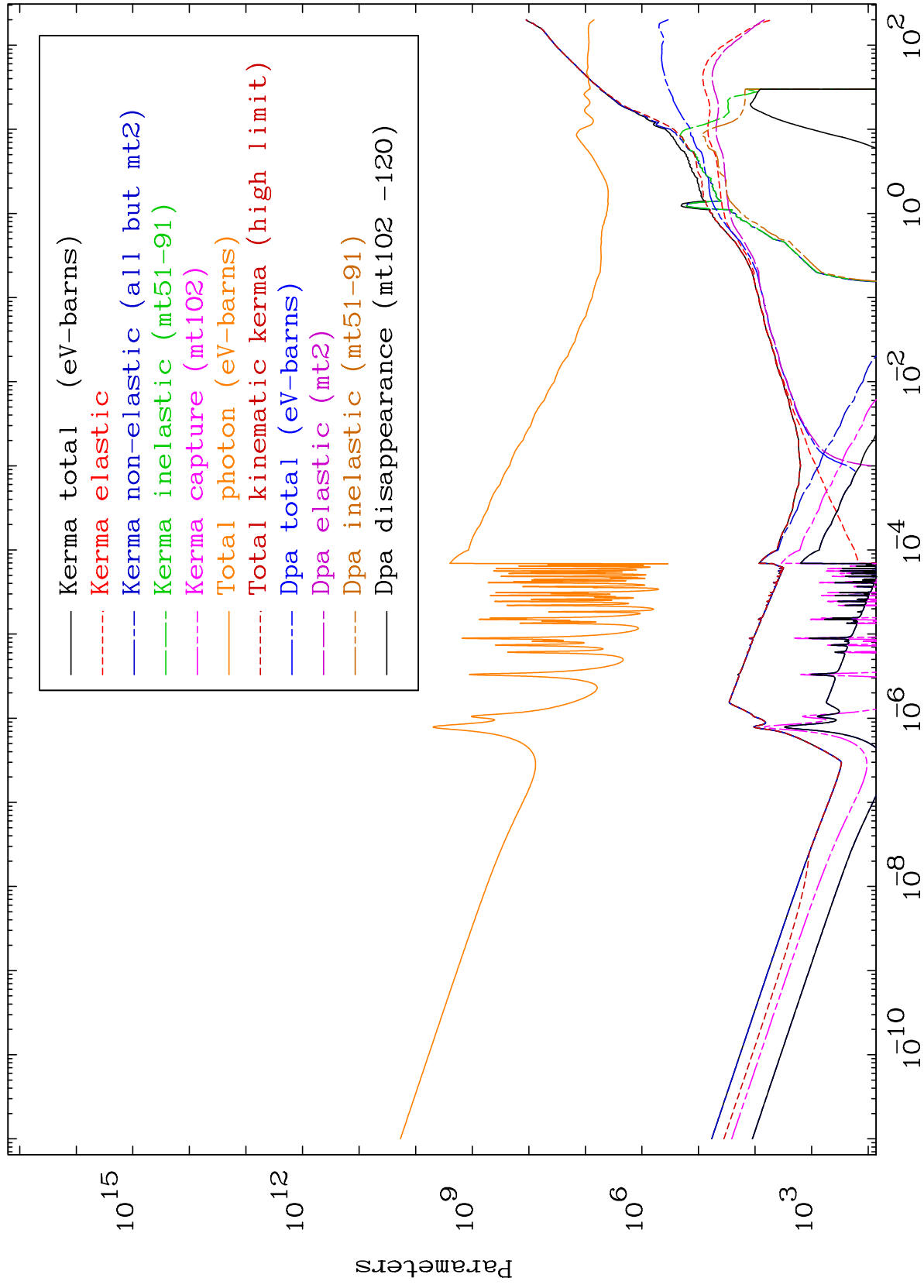
63-Eu-149

MAT 6319

(n,α) Levels  
293 Kelvin Cross Sections

63-Eu-149



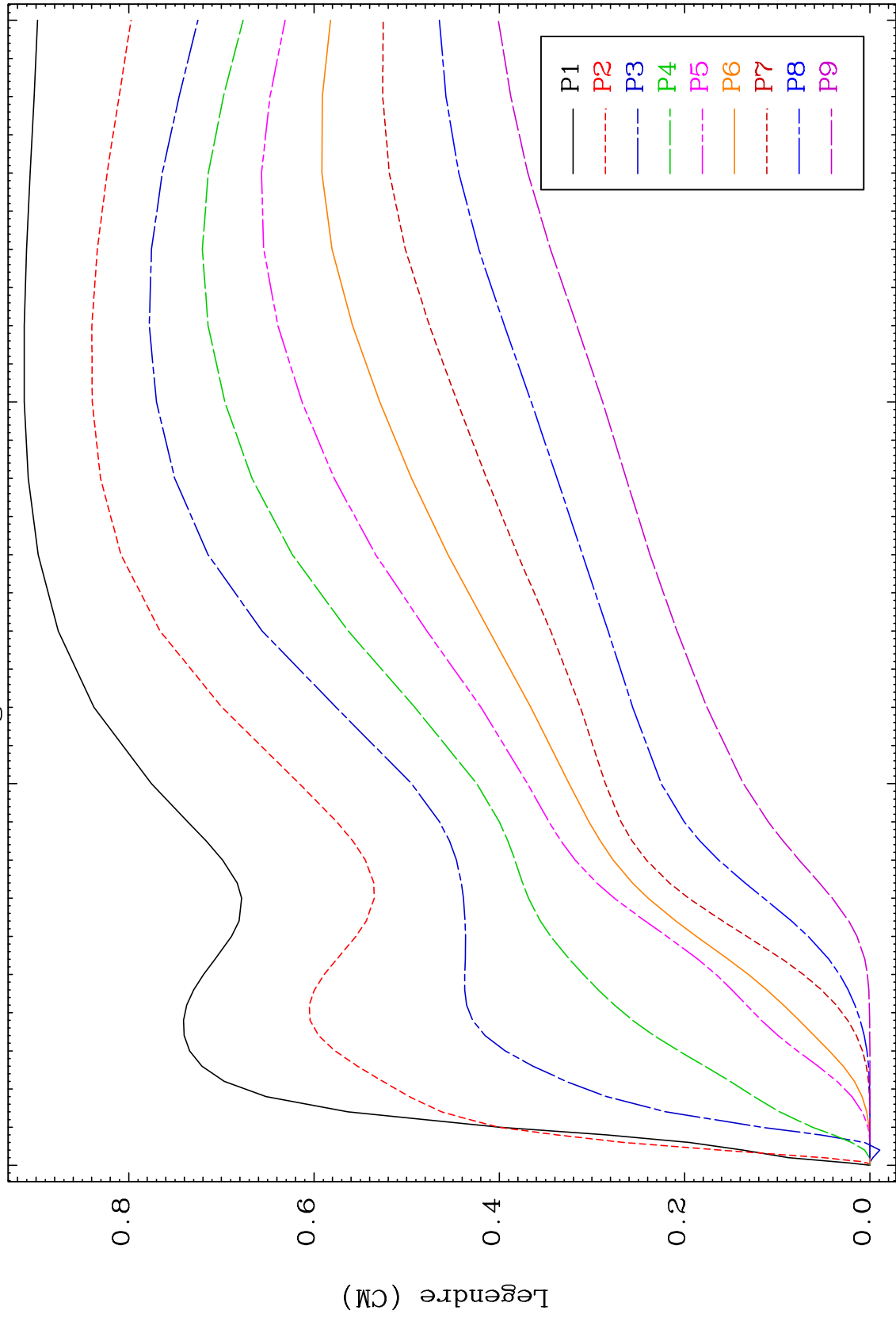




MAT 6319

Elastic Legendre Coefficients

63-Eu-149



0

16

10

20

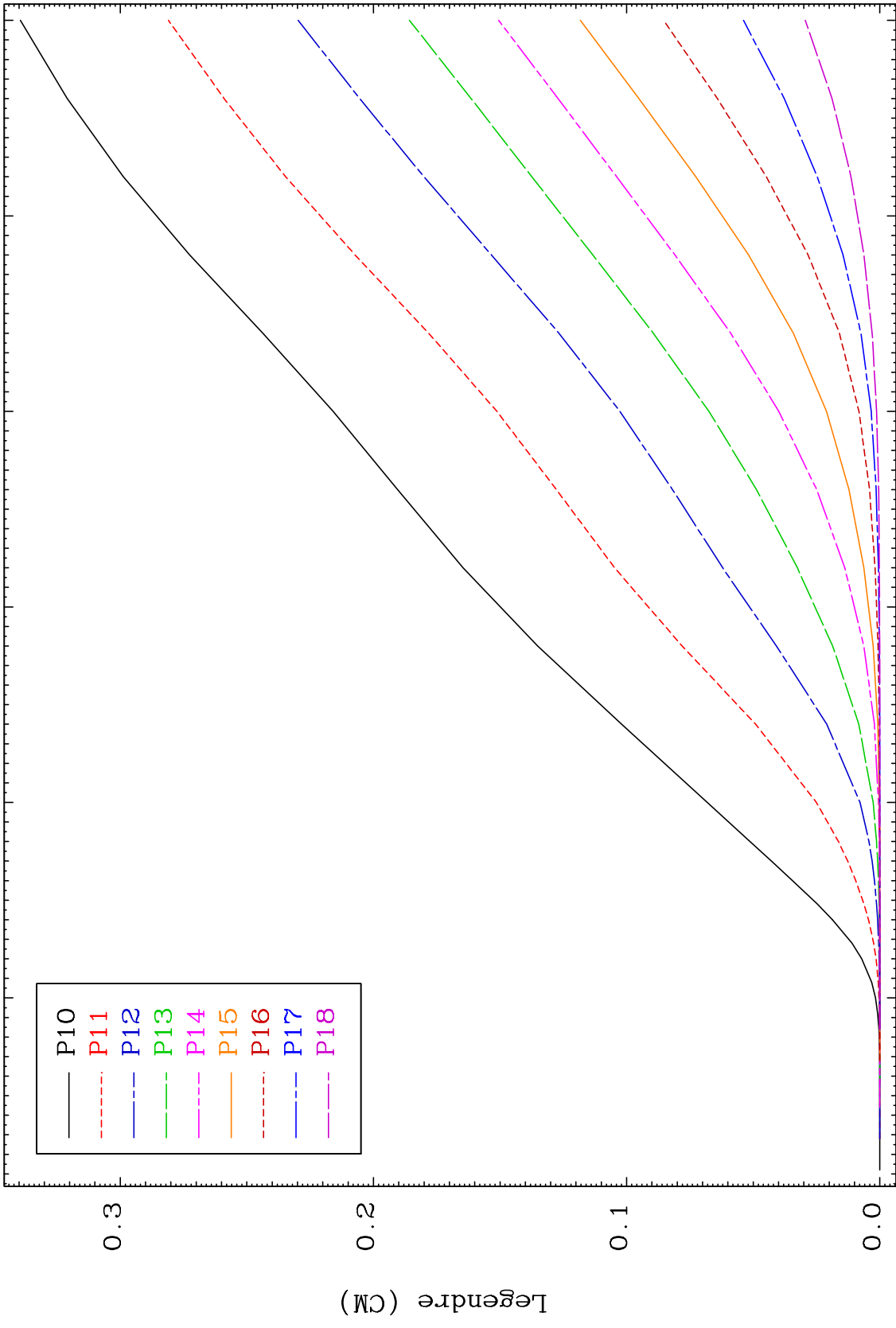
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63-Eu-149

MAT 6319

Elastic Legendre Coefficients

63-Eu-149



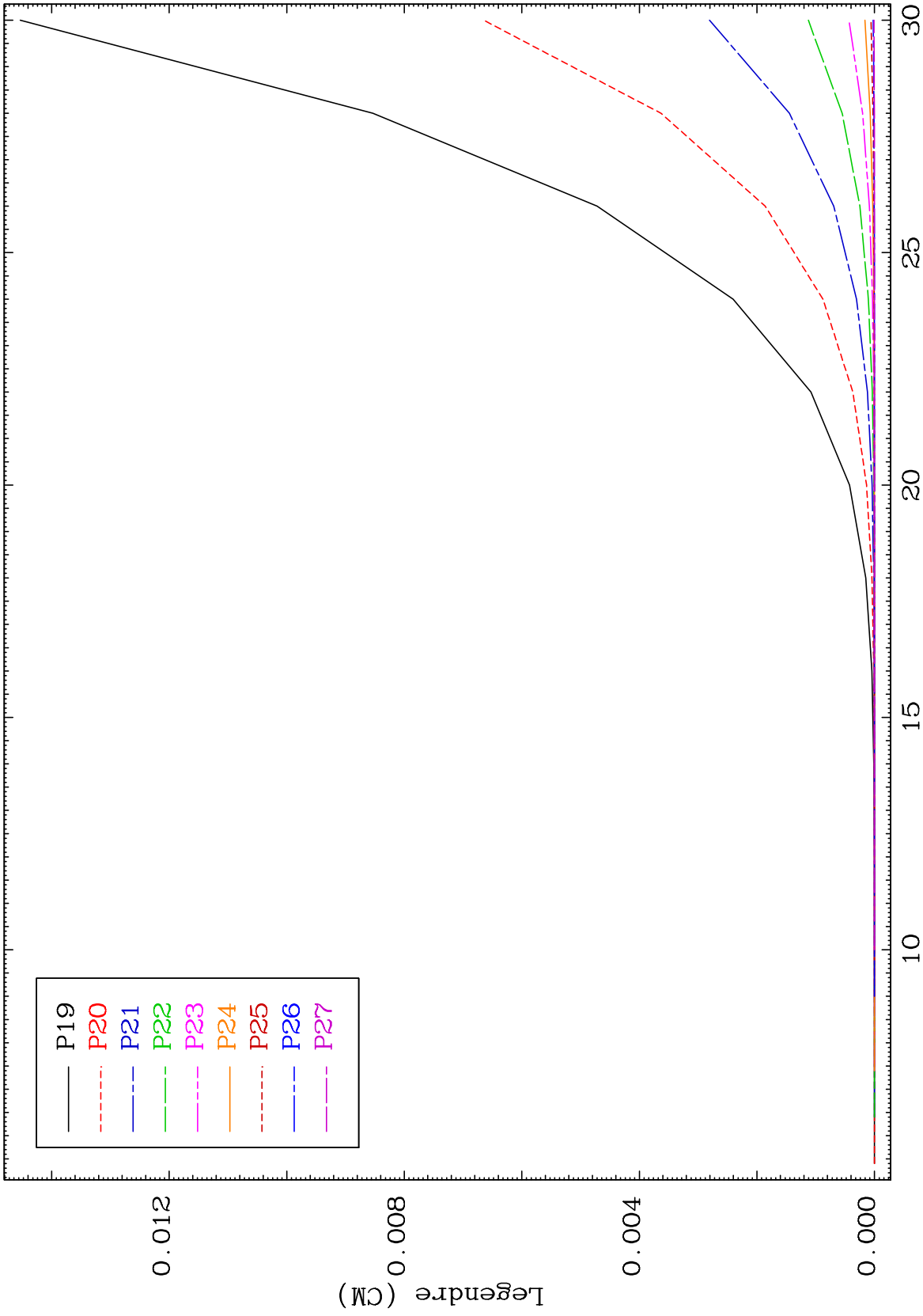
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63-Eu-149

MAT 6319

### Elastic Legendre Coefficients

63-Eu-149



18

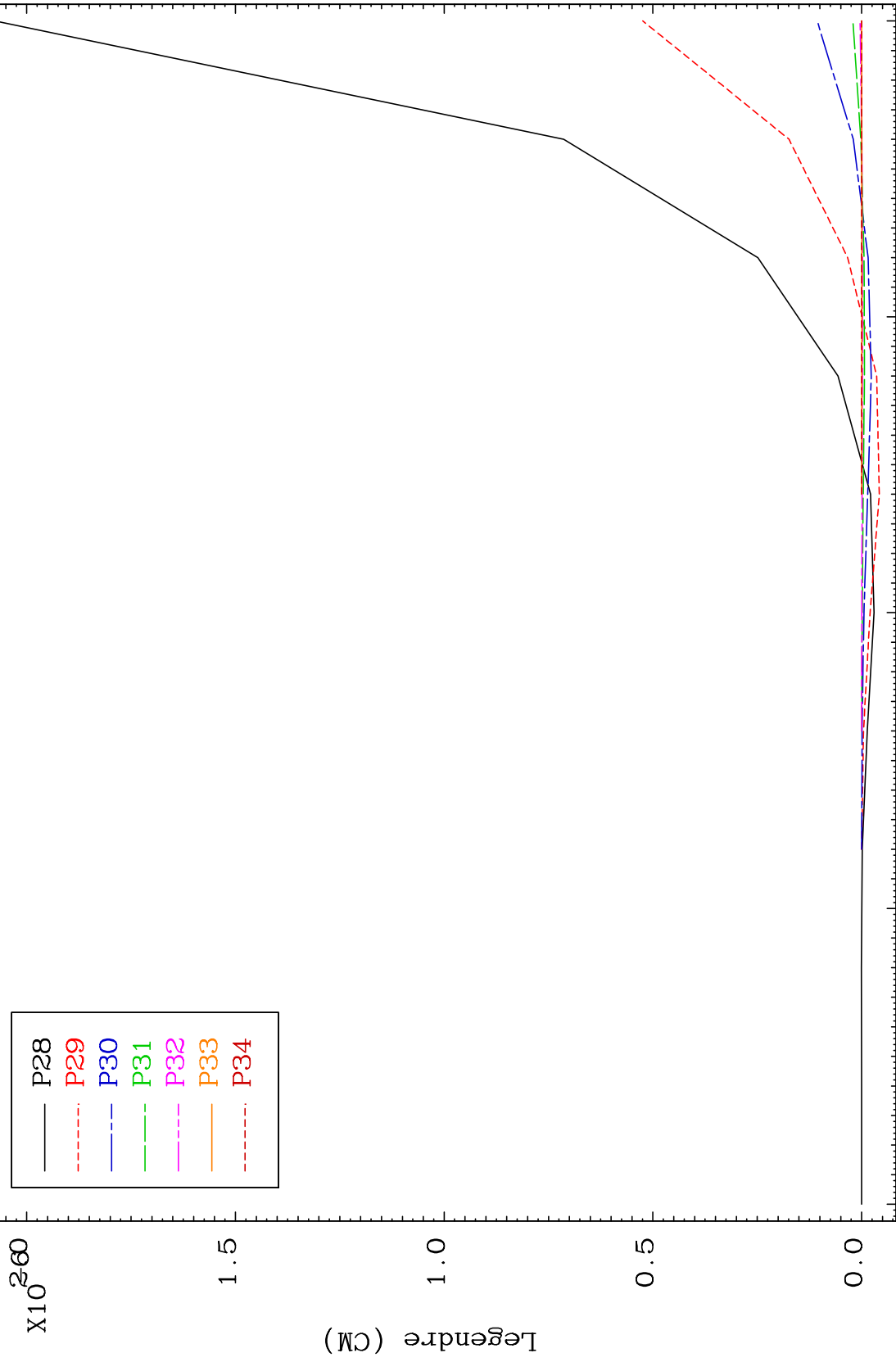
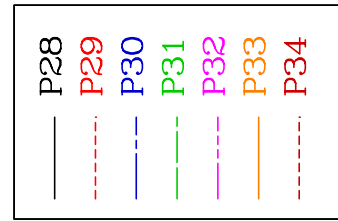
Incident Energy (MeV)

63-Eu-149

MAT 6319

### Elastic Legendre Coefficients

63-Eu-149



19

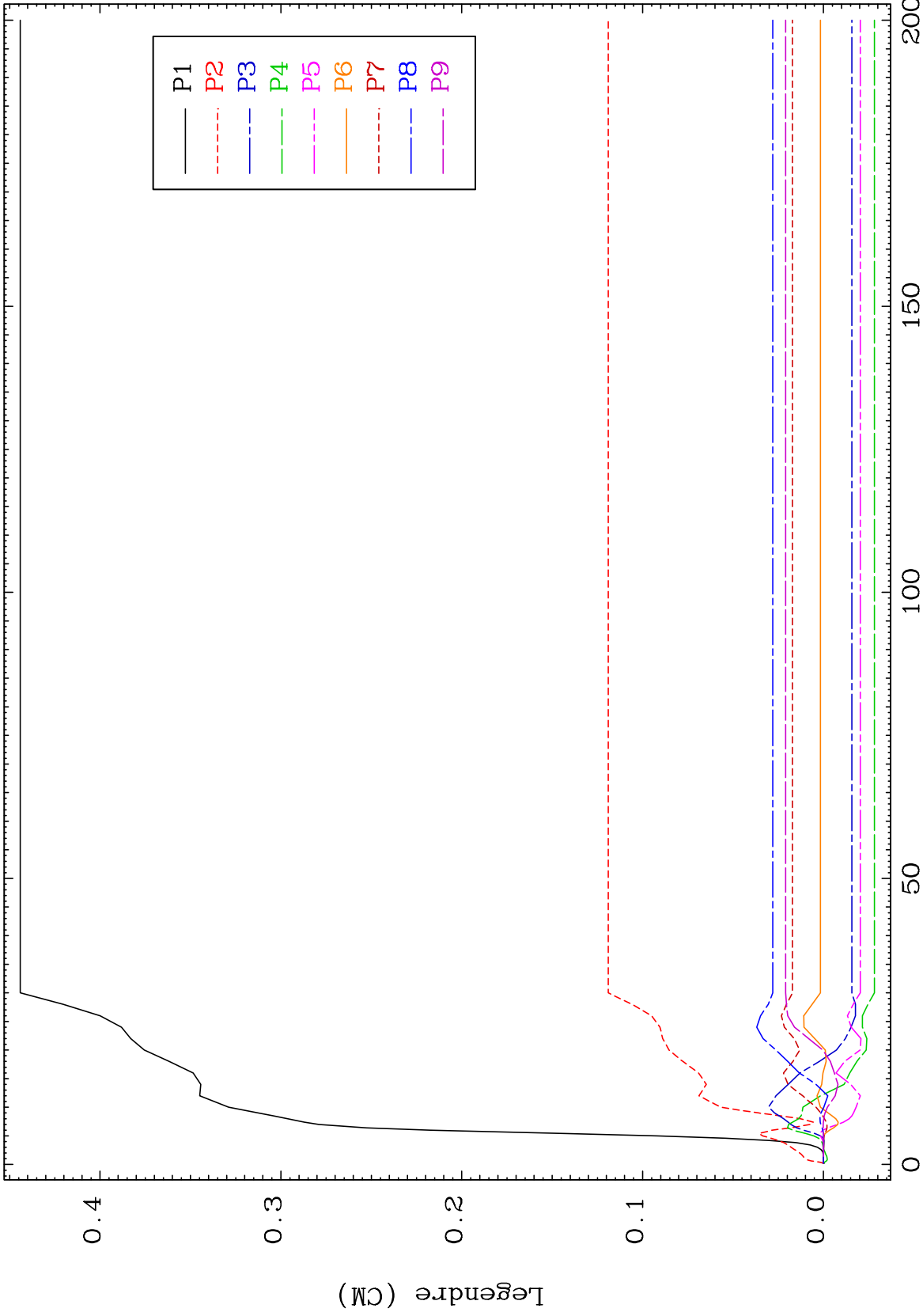
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

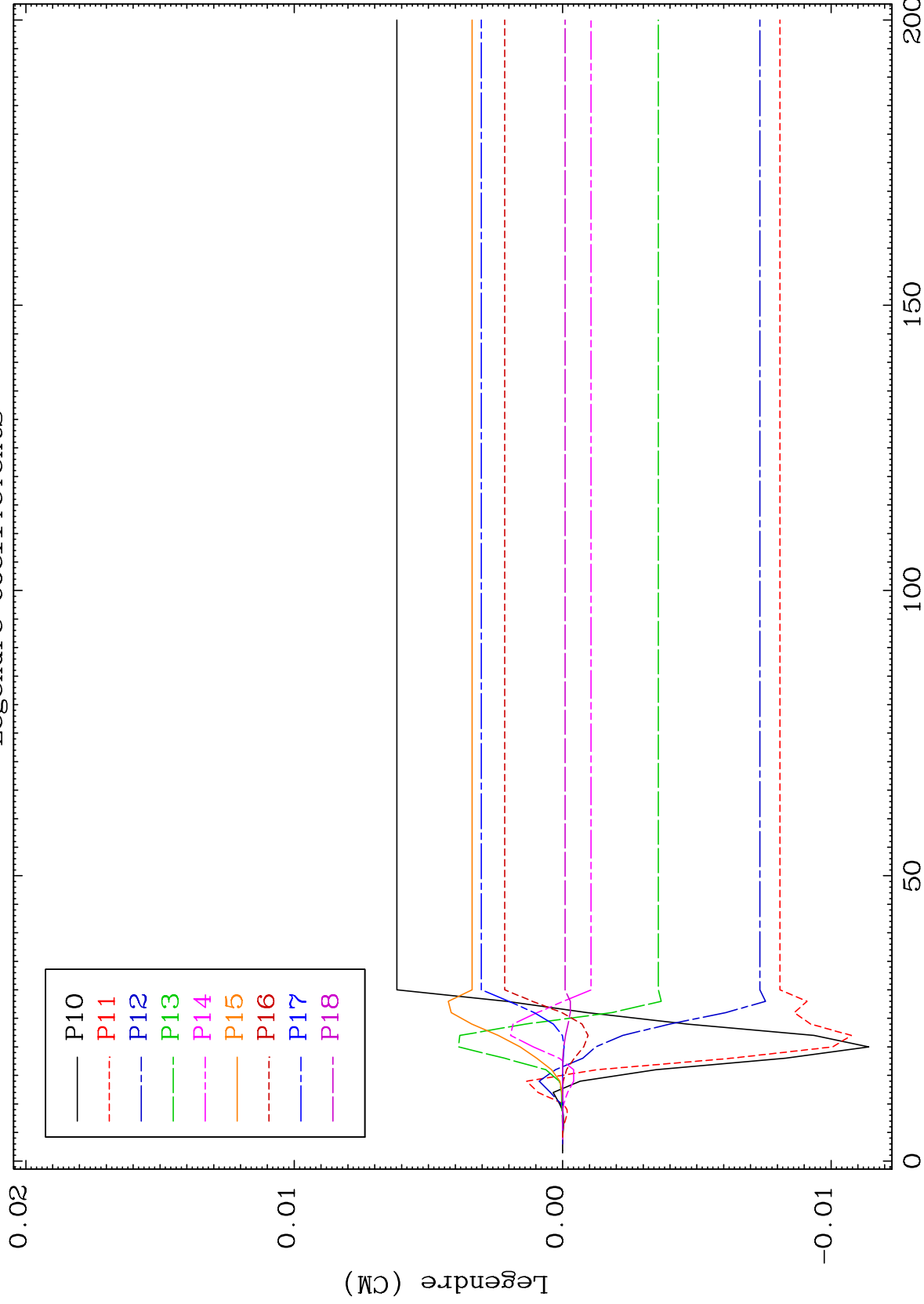
Incident Energy (MeV)

20

MAT 6319

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

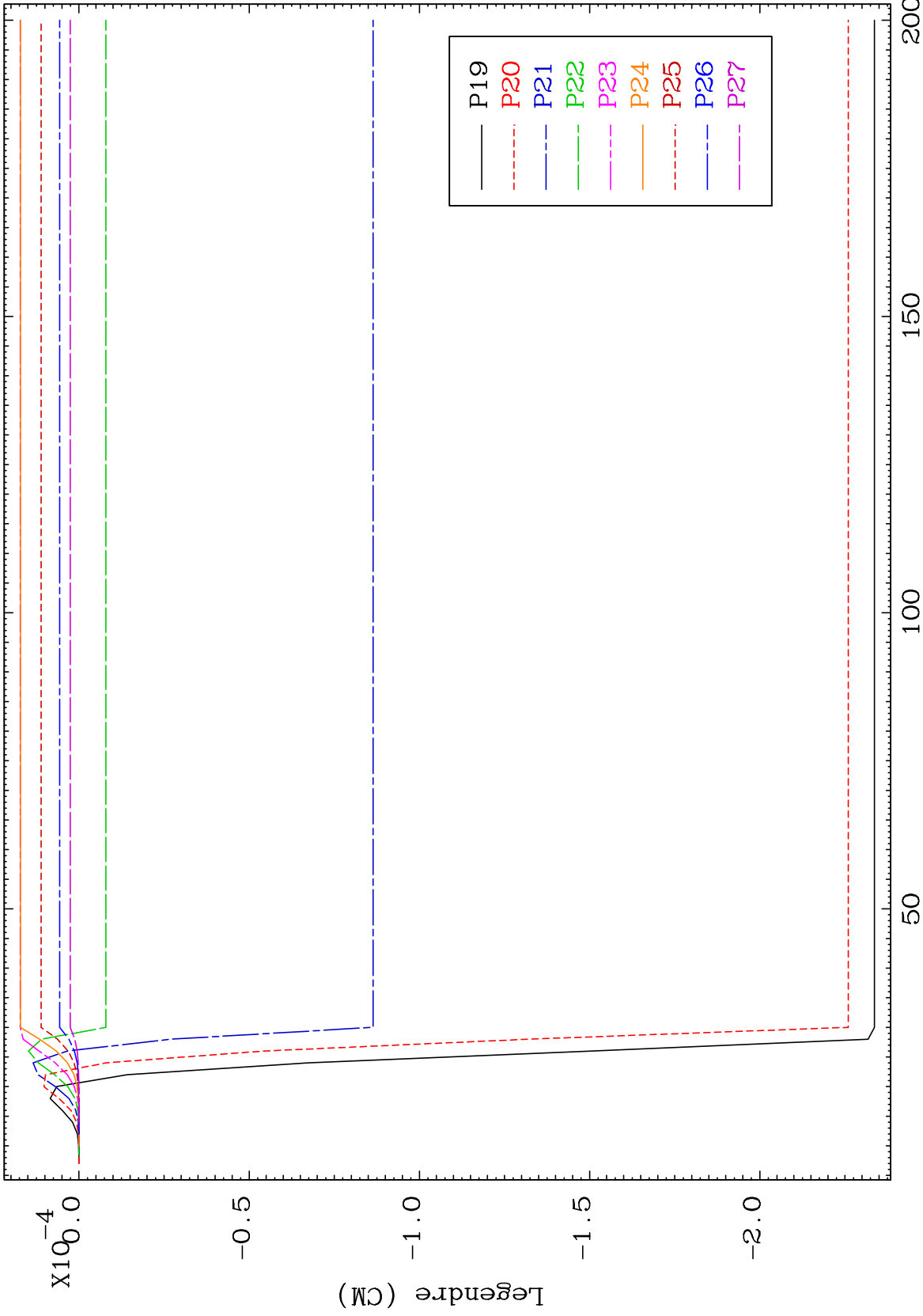
63-Eu-149



21

Incident Energy (MeV)

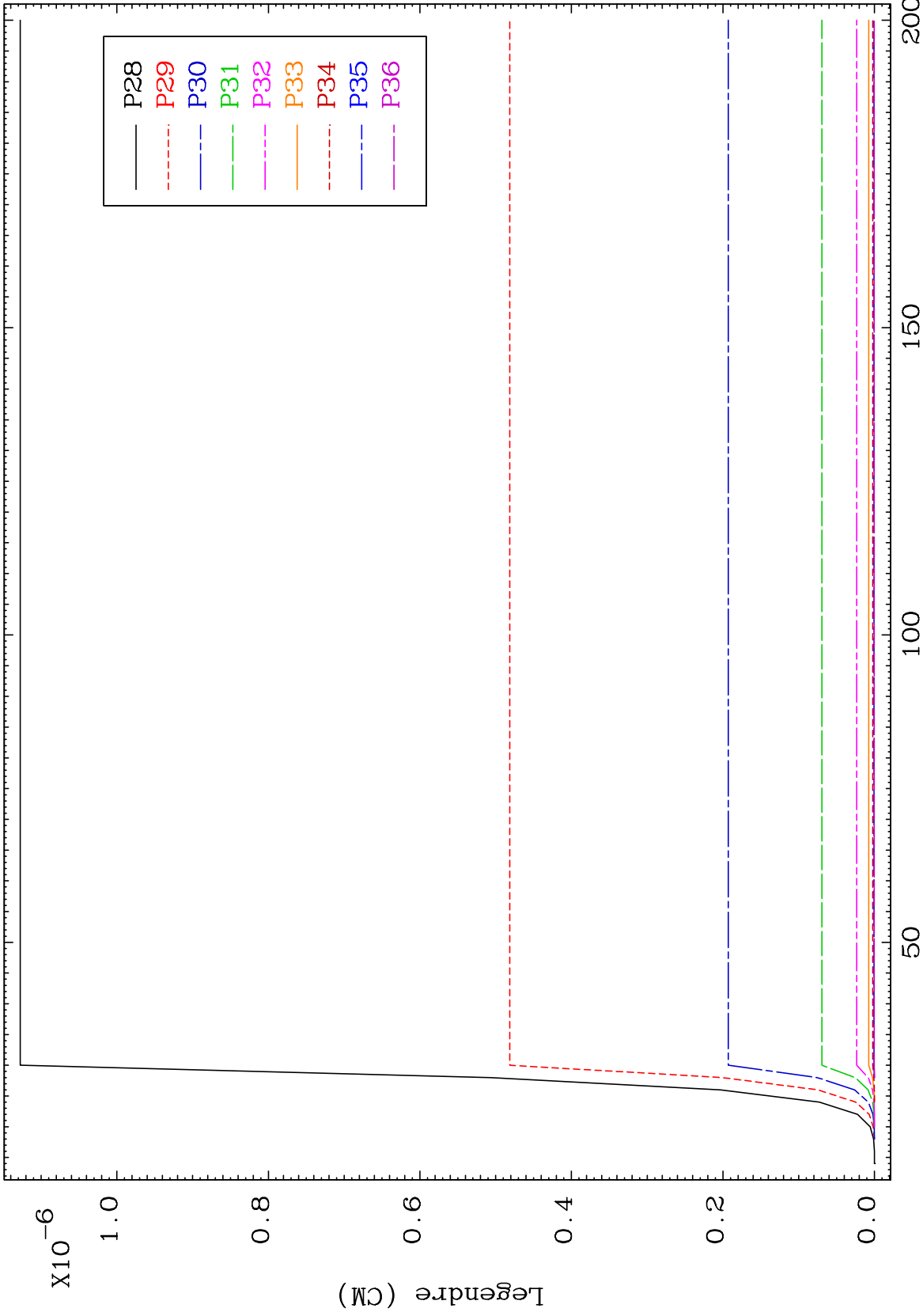
63-Eu-149



MAT 6319

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

63-Eu-149



23

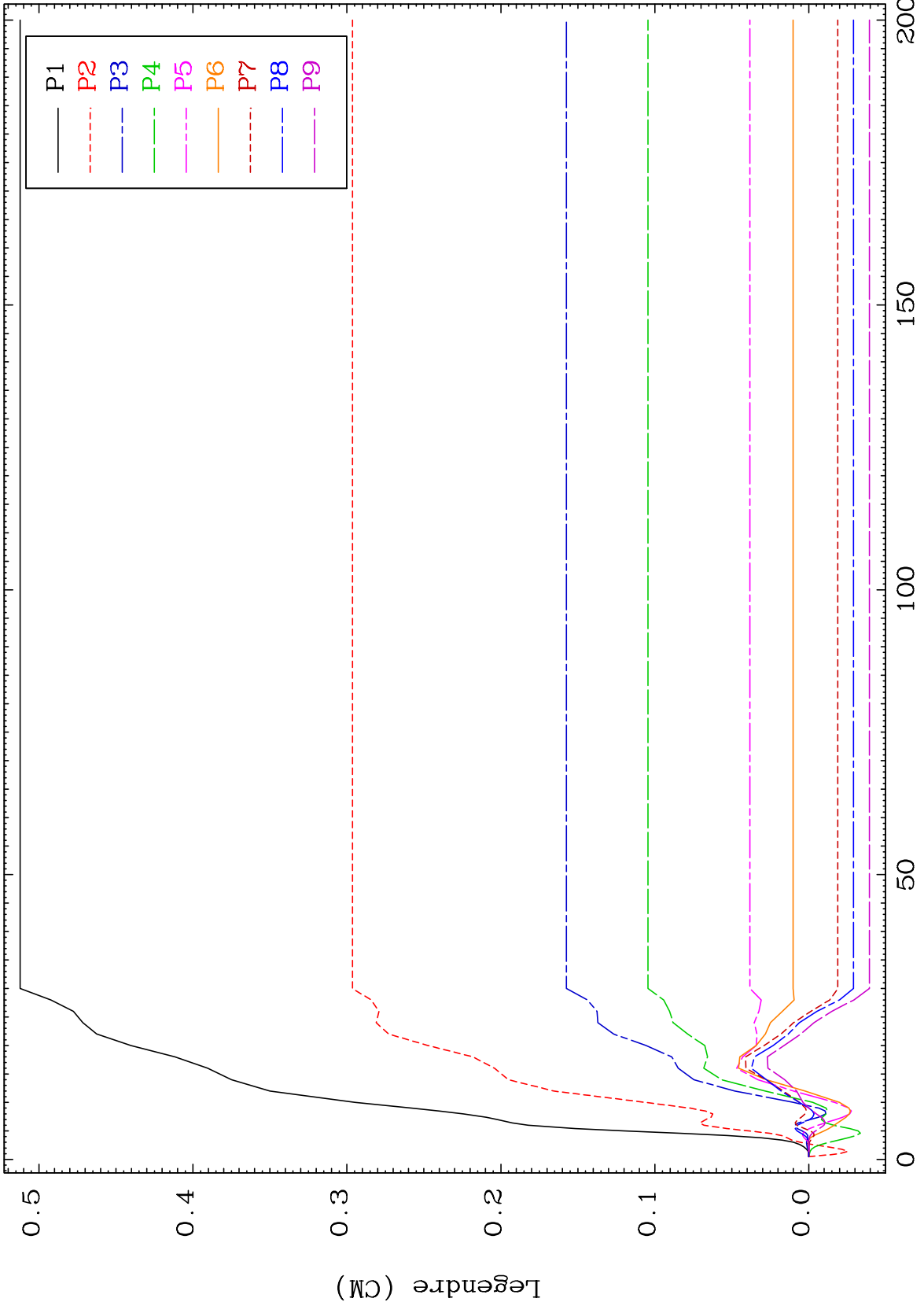
63-Eu-149



MAT 6319

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

63-Eu-149



24

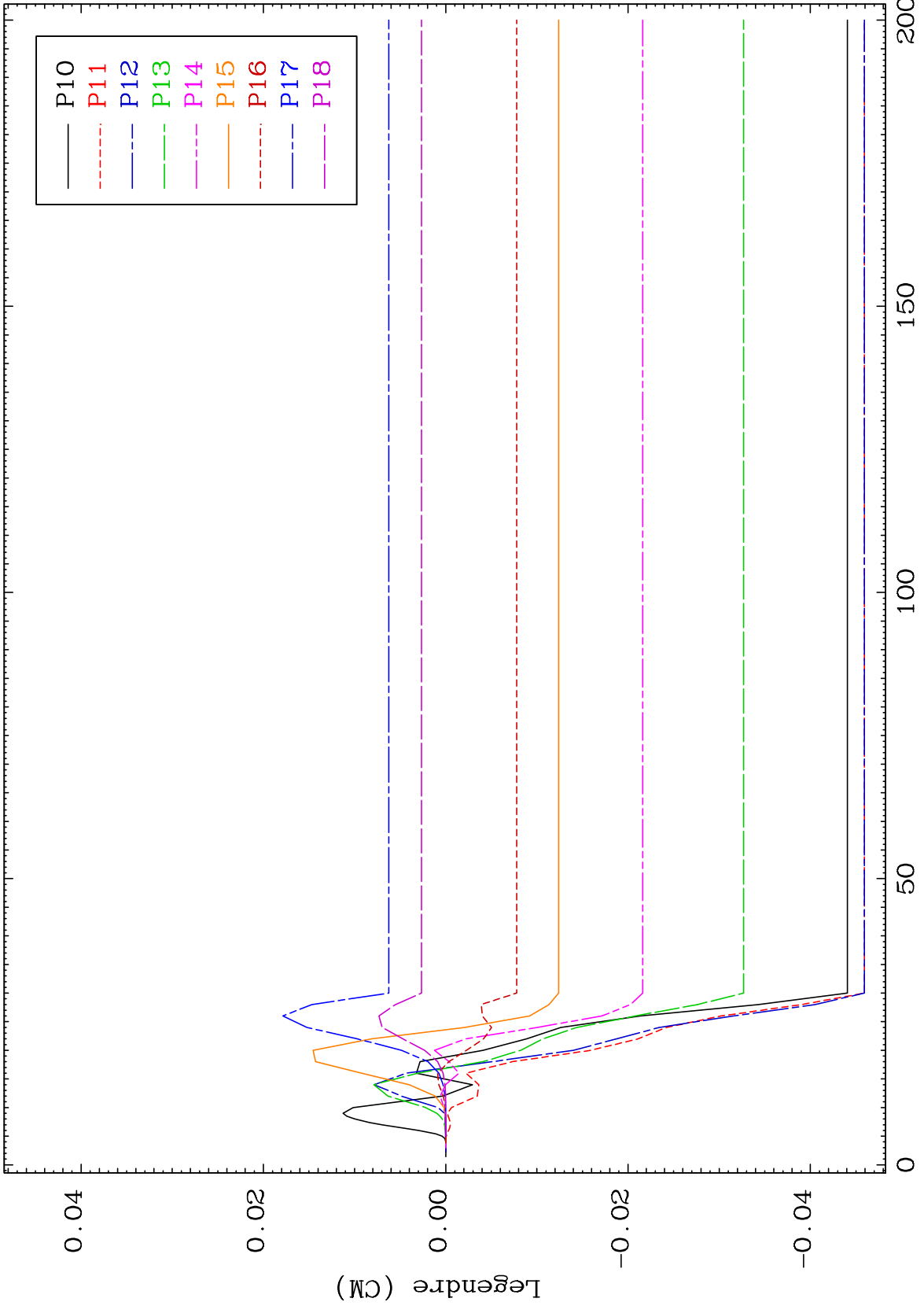
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

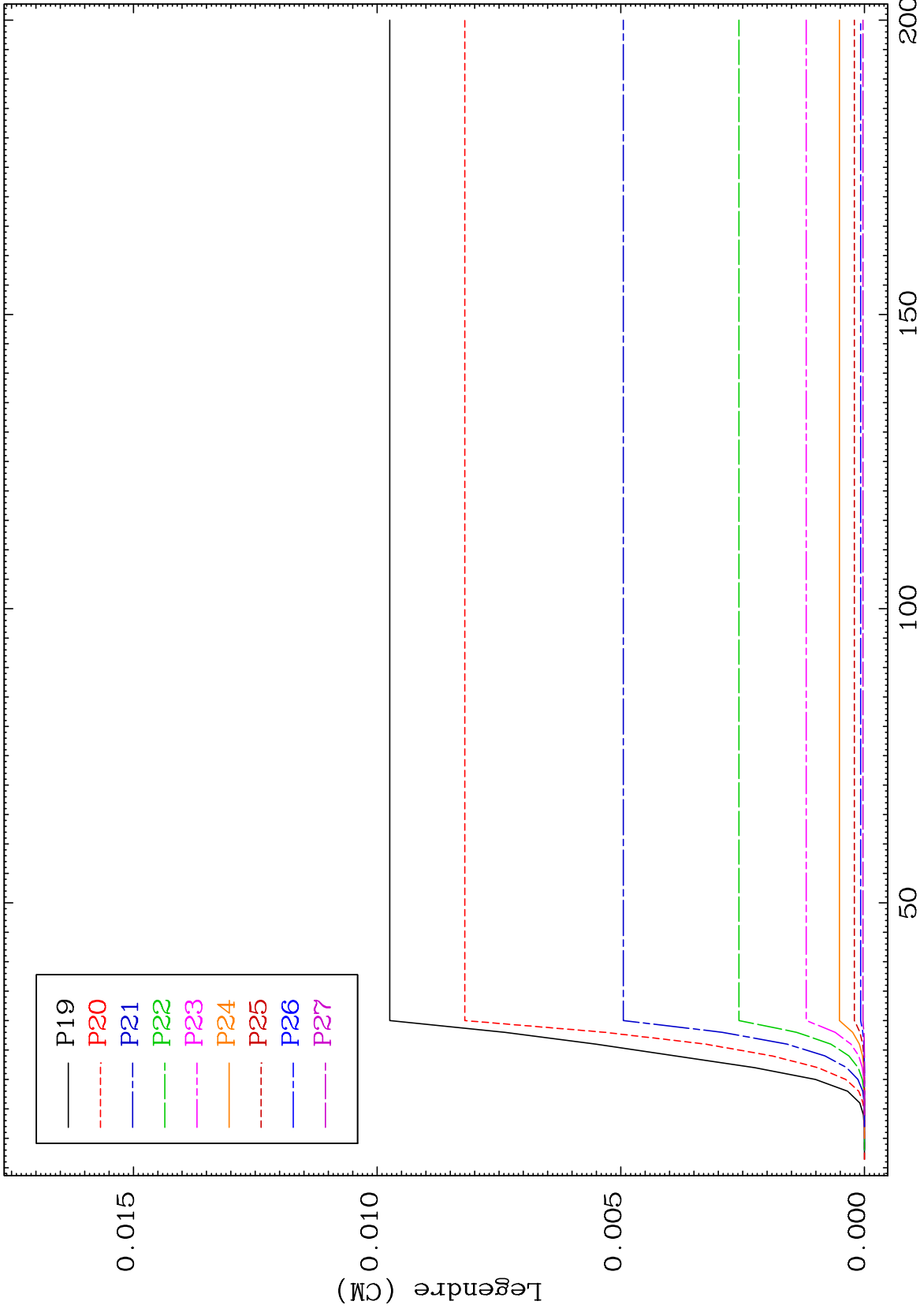
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25

Incident Energy (MeV)

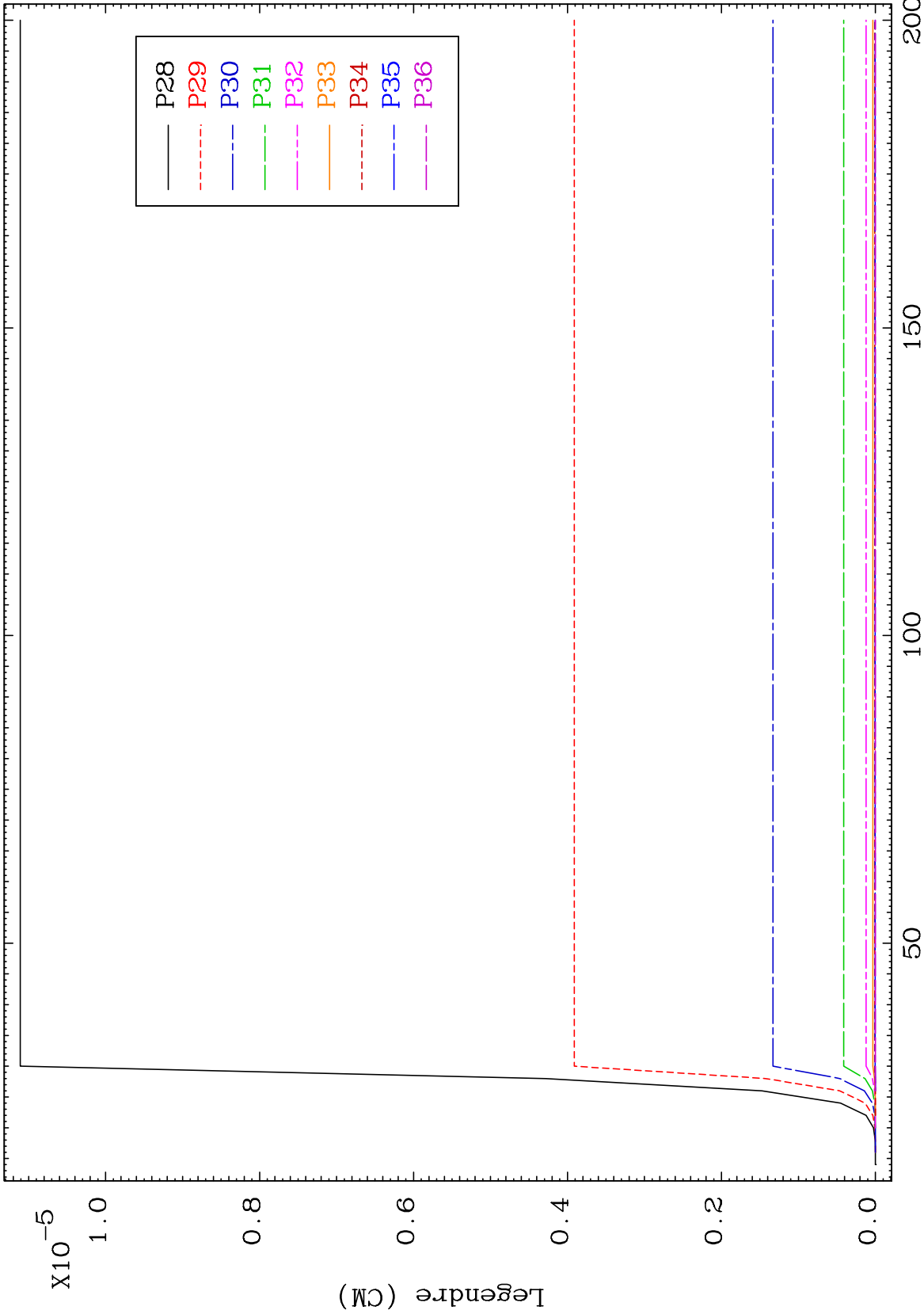
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MAT 6319

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

63-Eu-149



27

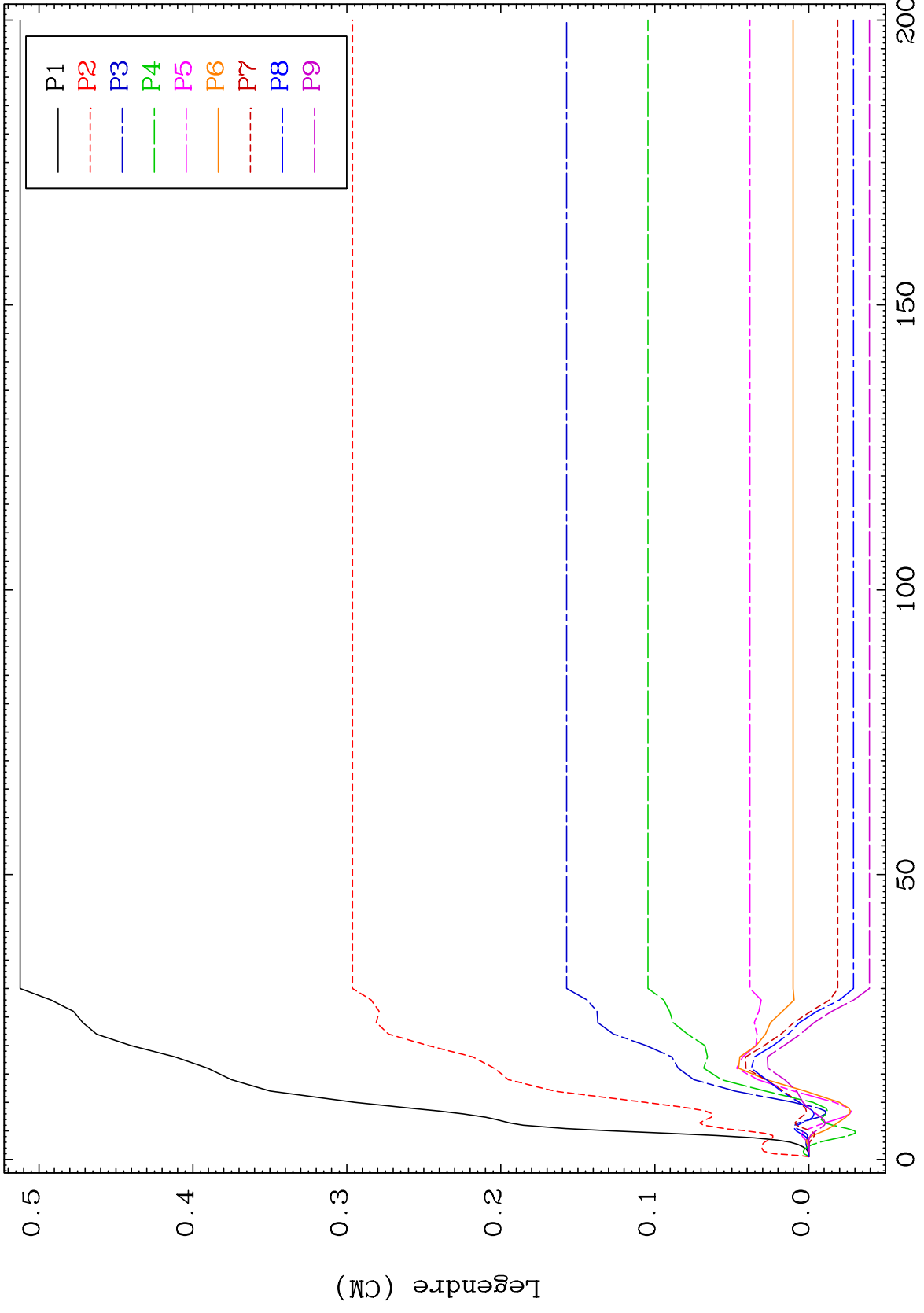
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



28

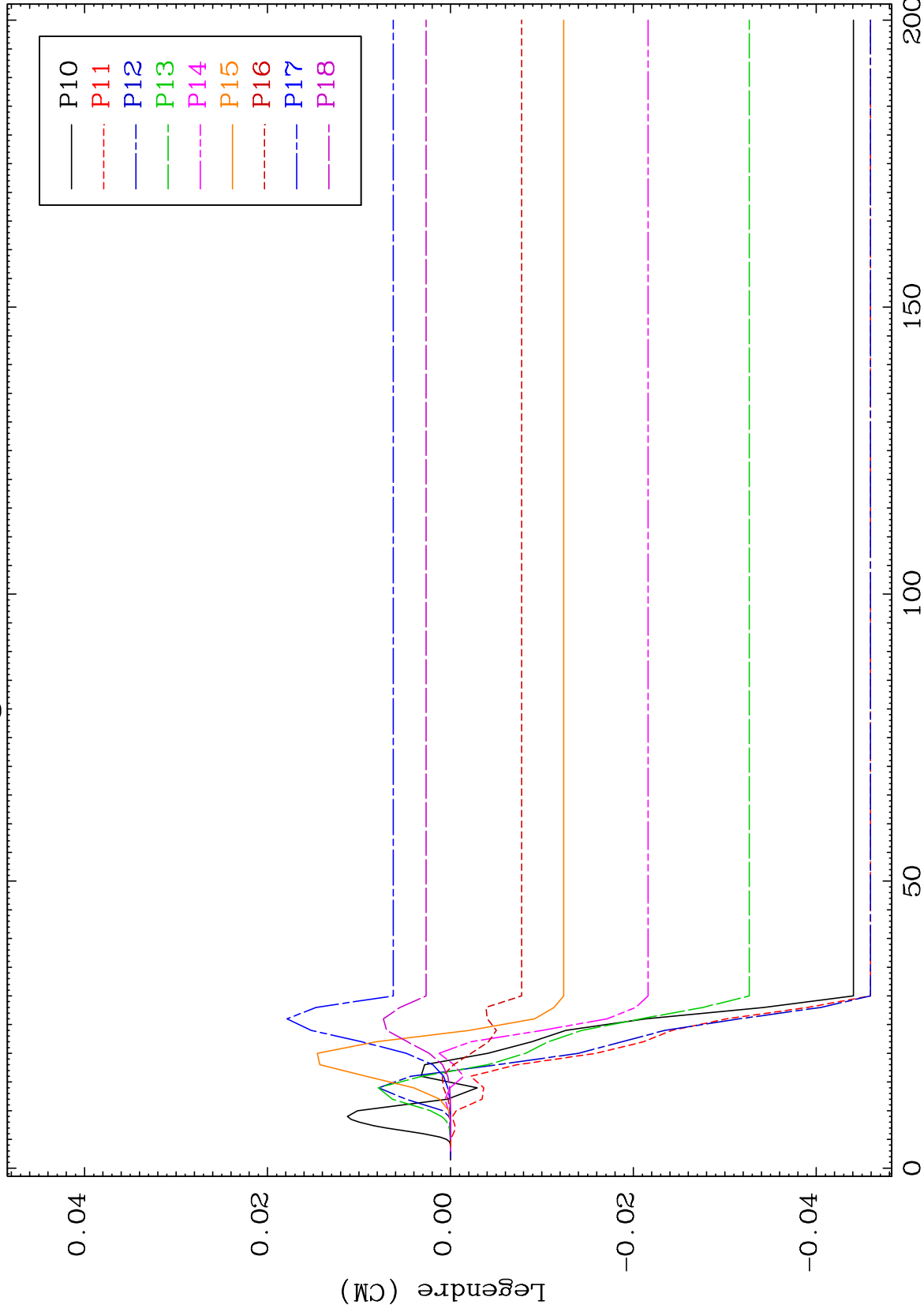
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



29

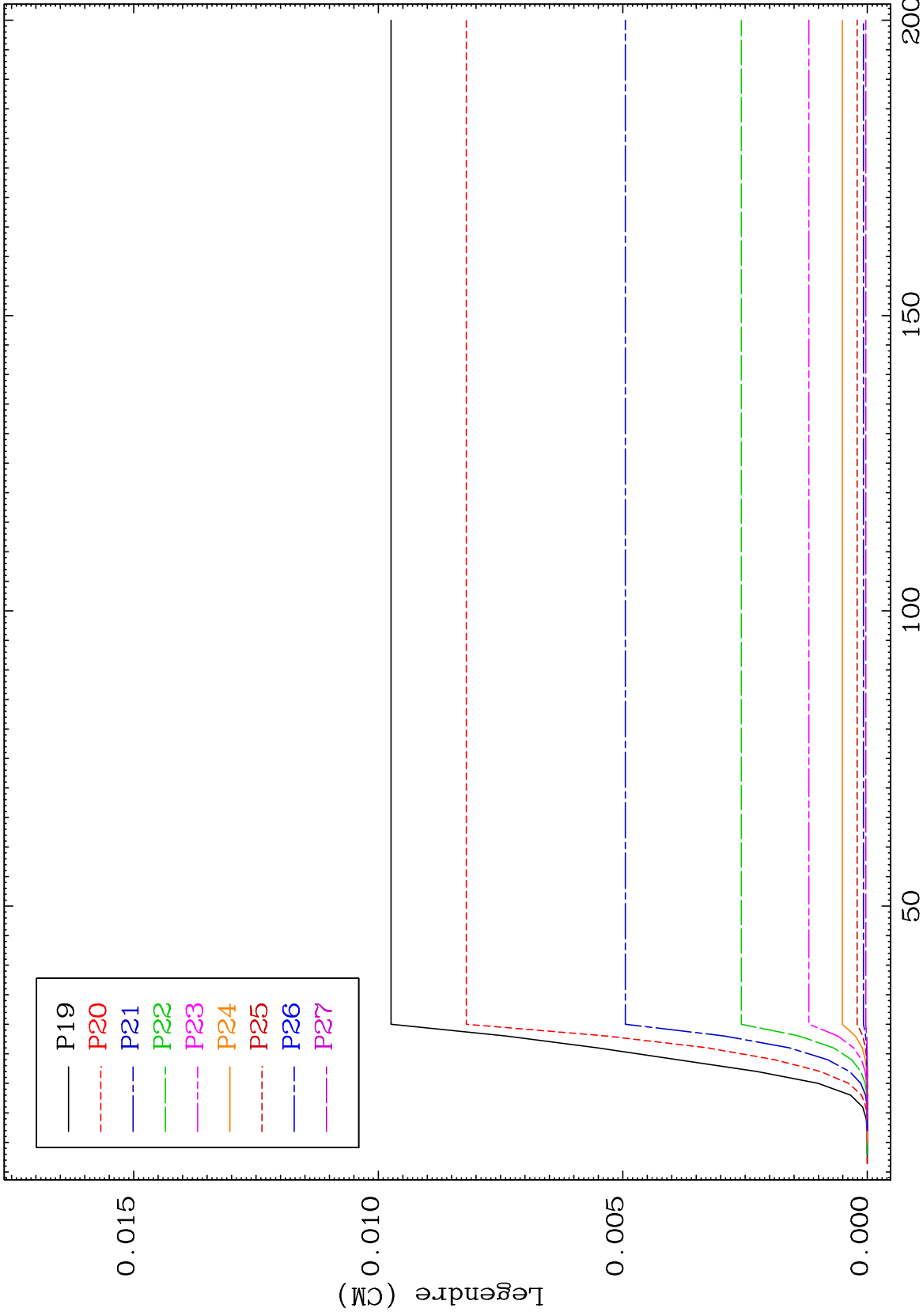
Incident Energy (MeV)

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MAT 6319

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

63-Eu-149



30

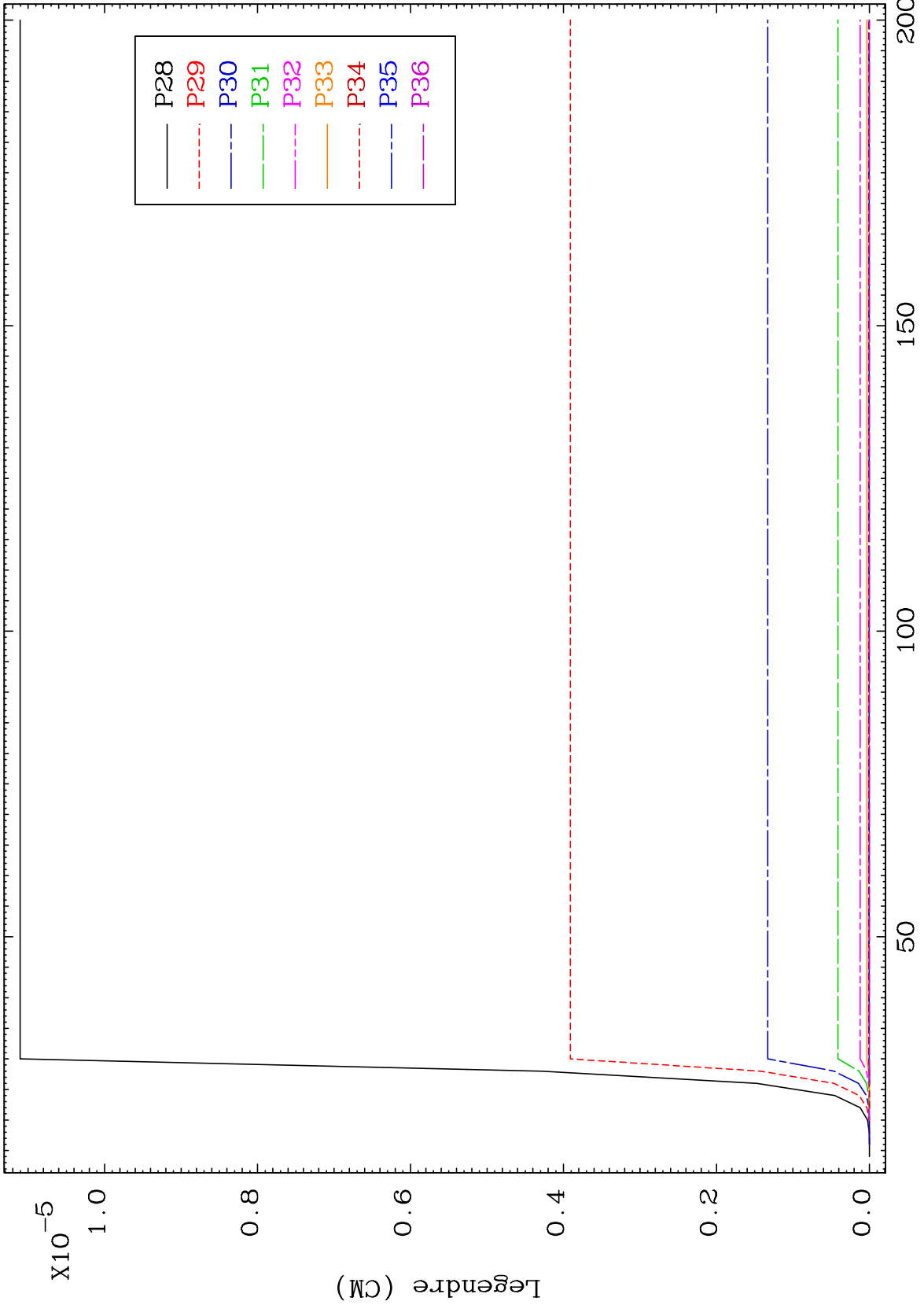
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



31

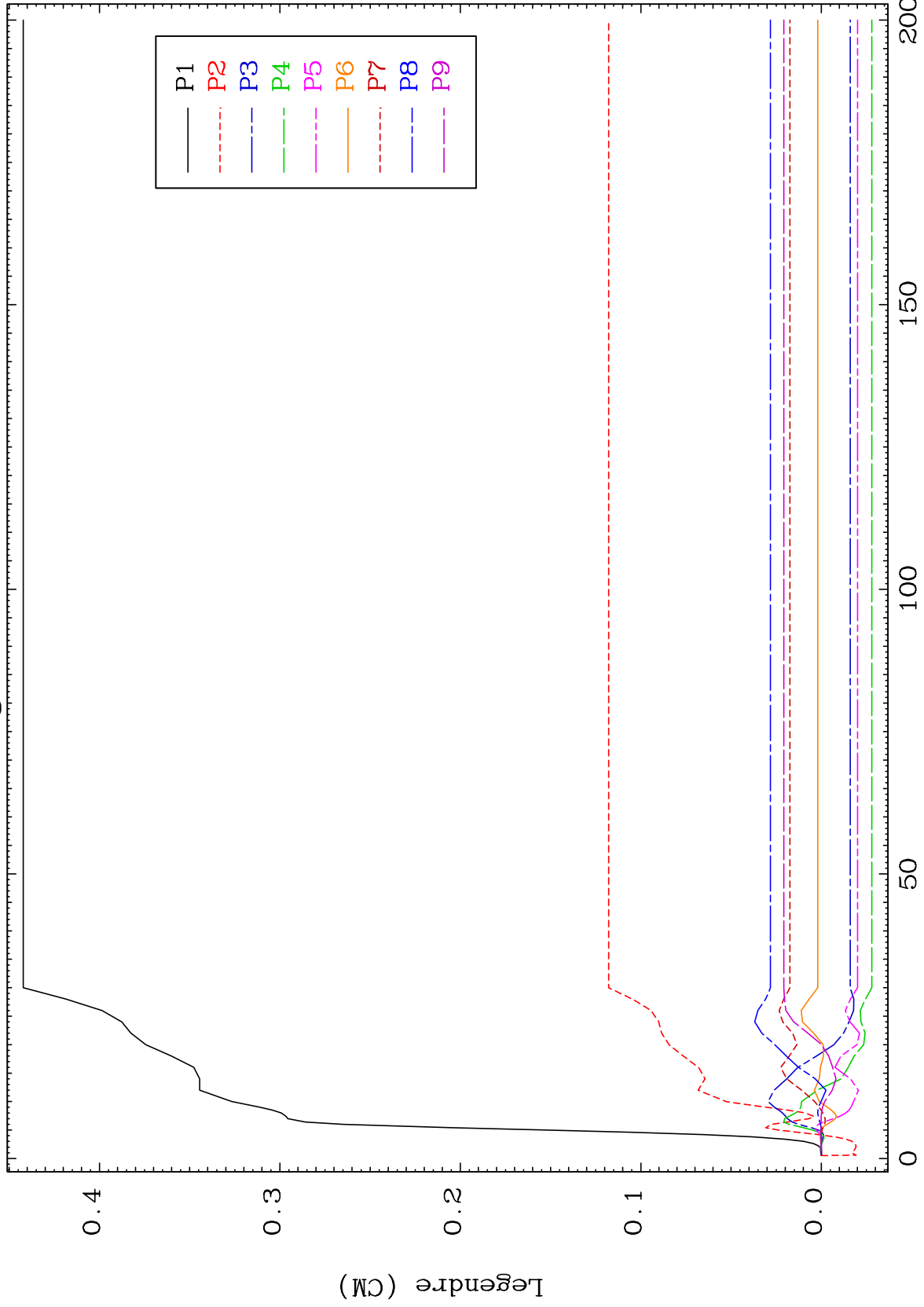
63-Eu-149



MAT 6319

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

63-Eu-149



32

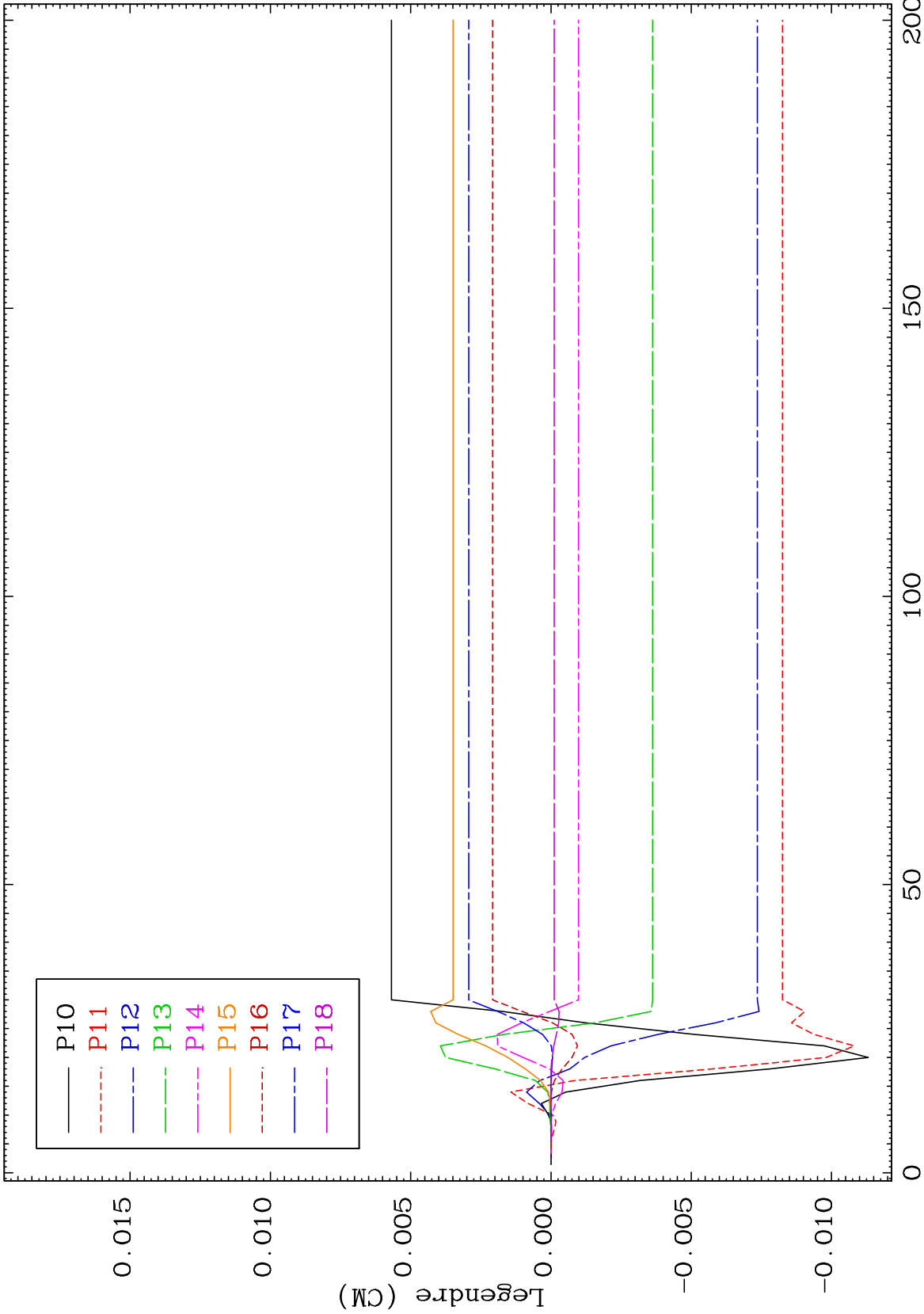
Incident Energy (MeV)

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MAT 6319

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

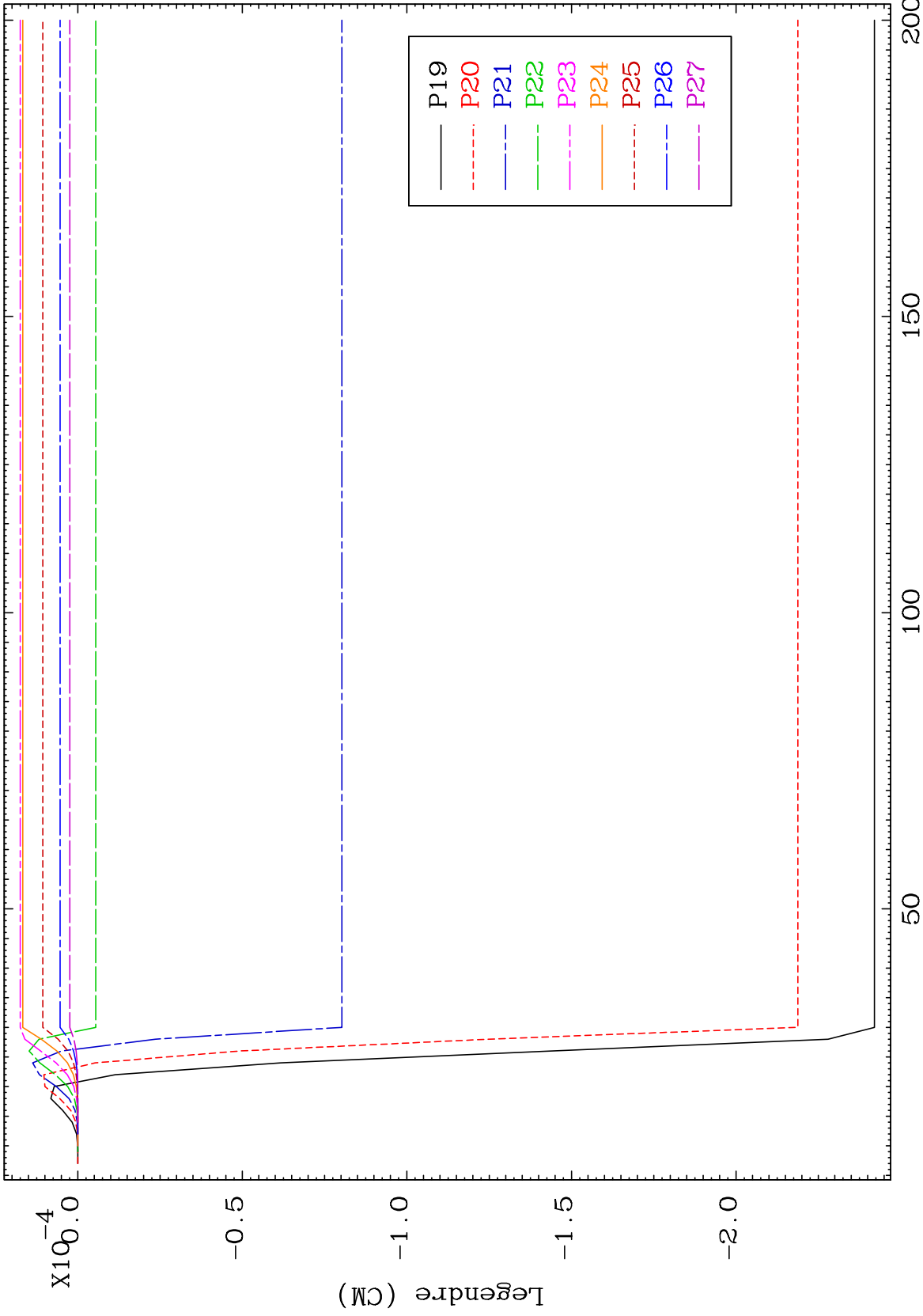
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33

Incident Energy (MeV)

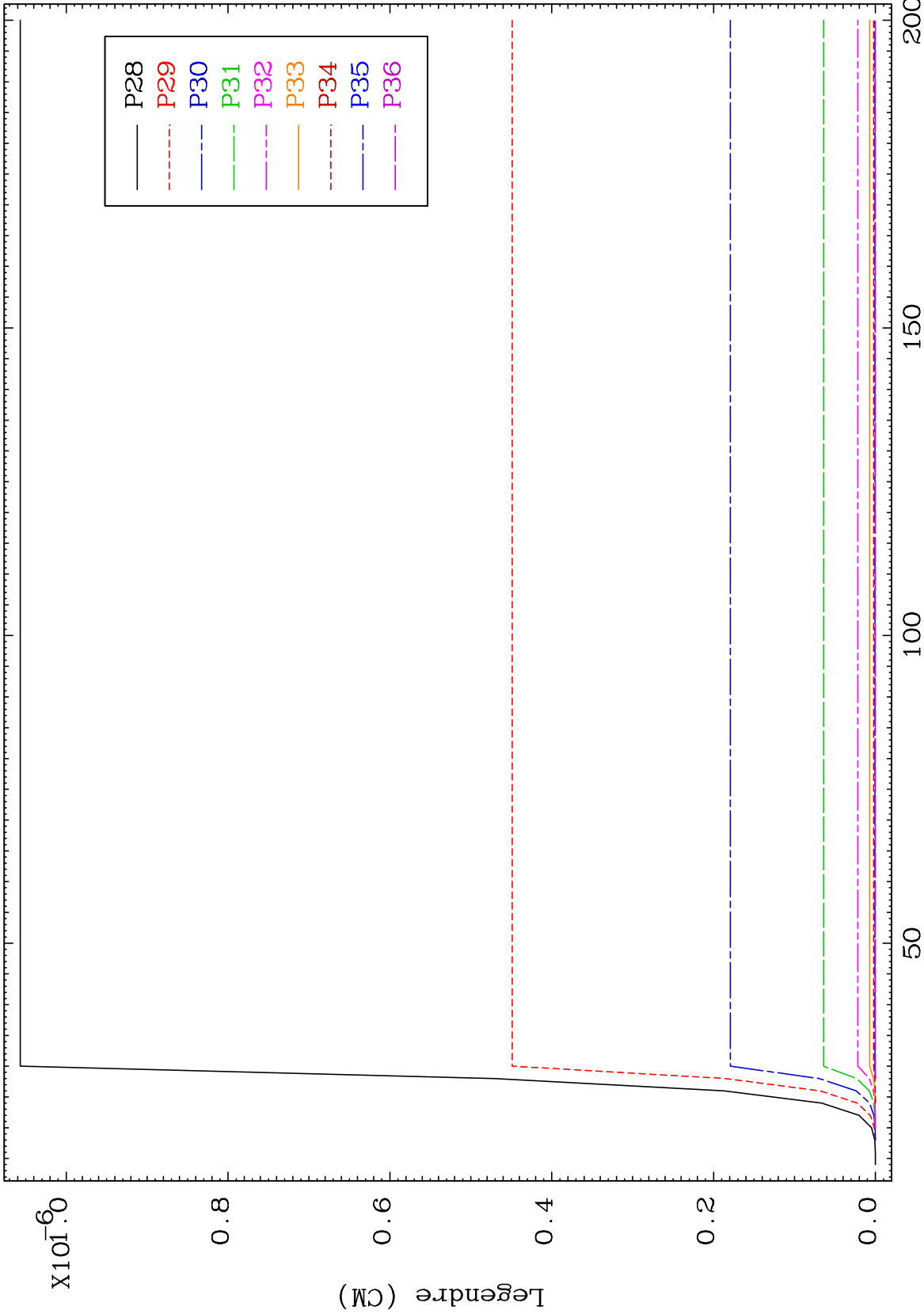
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MAT 6319

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

63-Eu-149



35

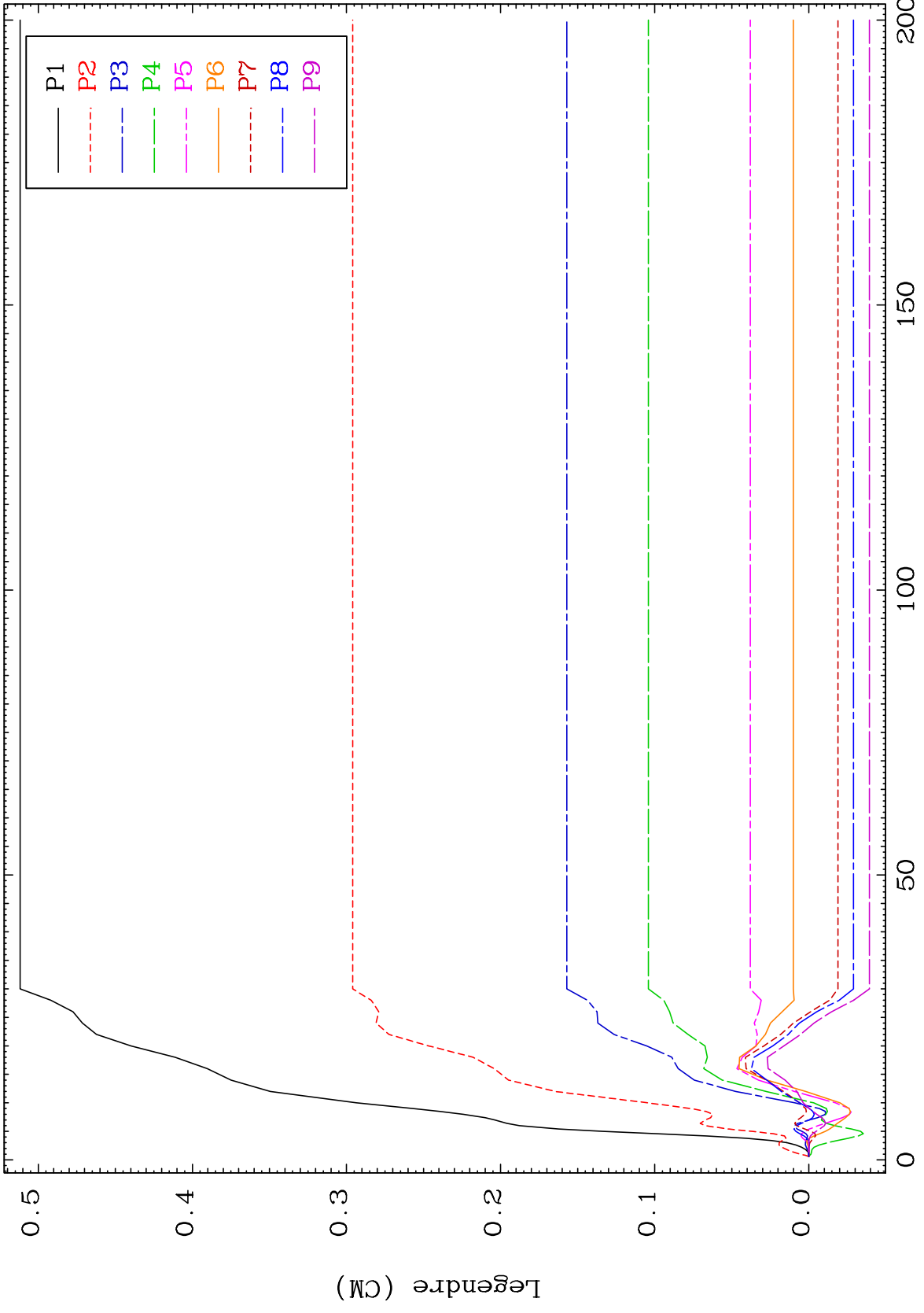
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



36

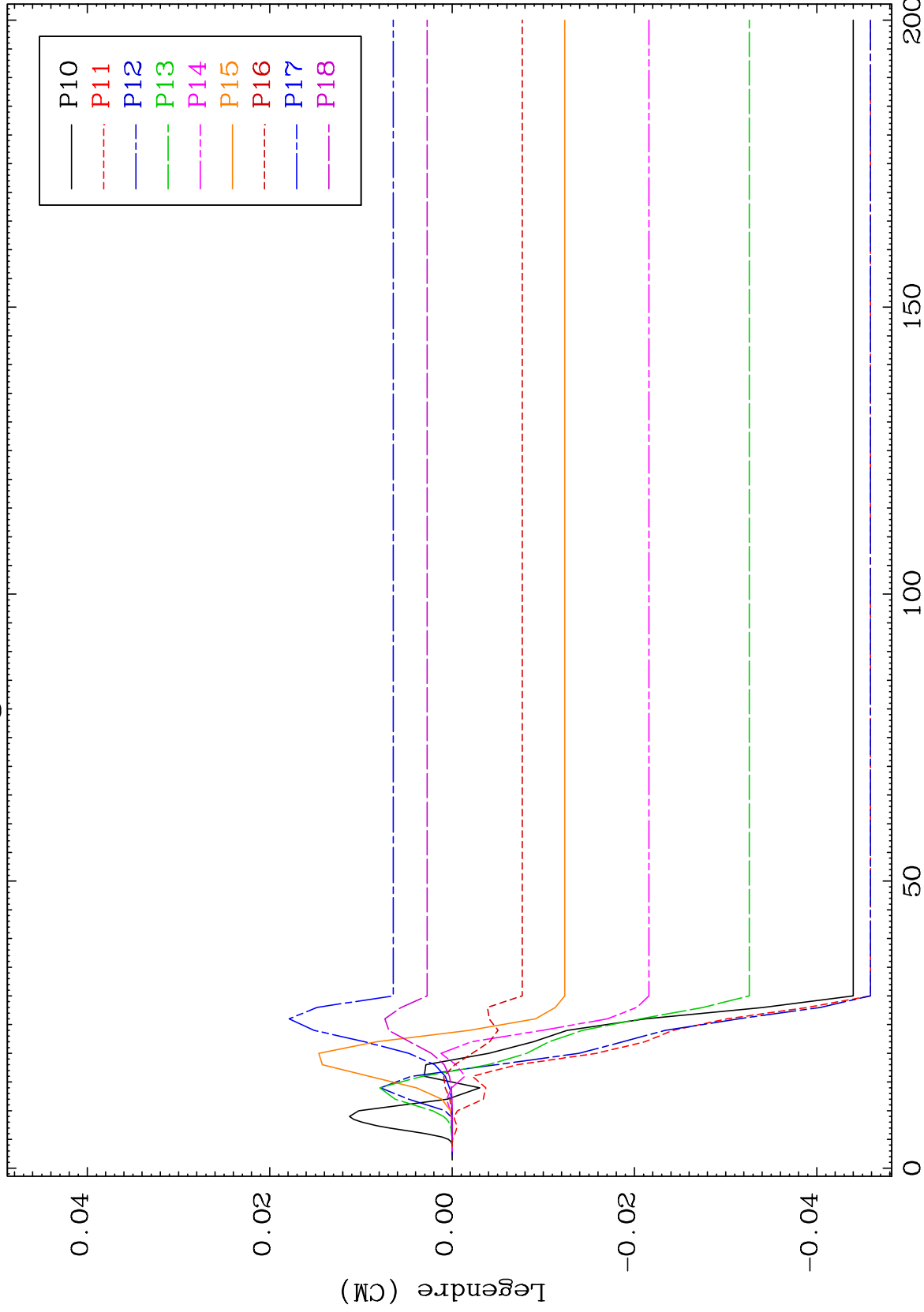
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



37

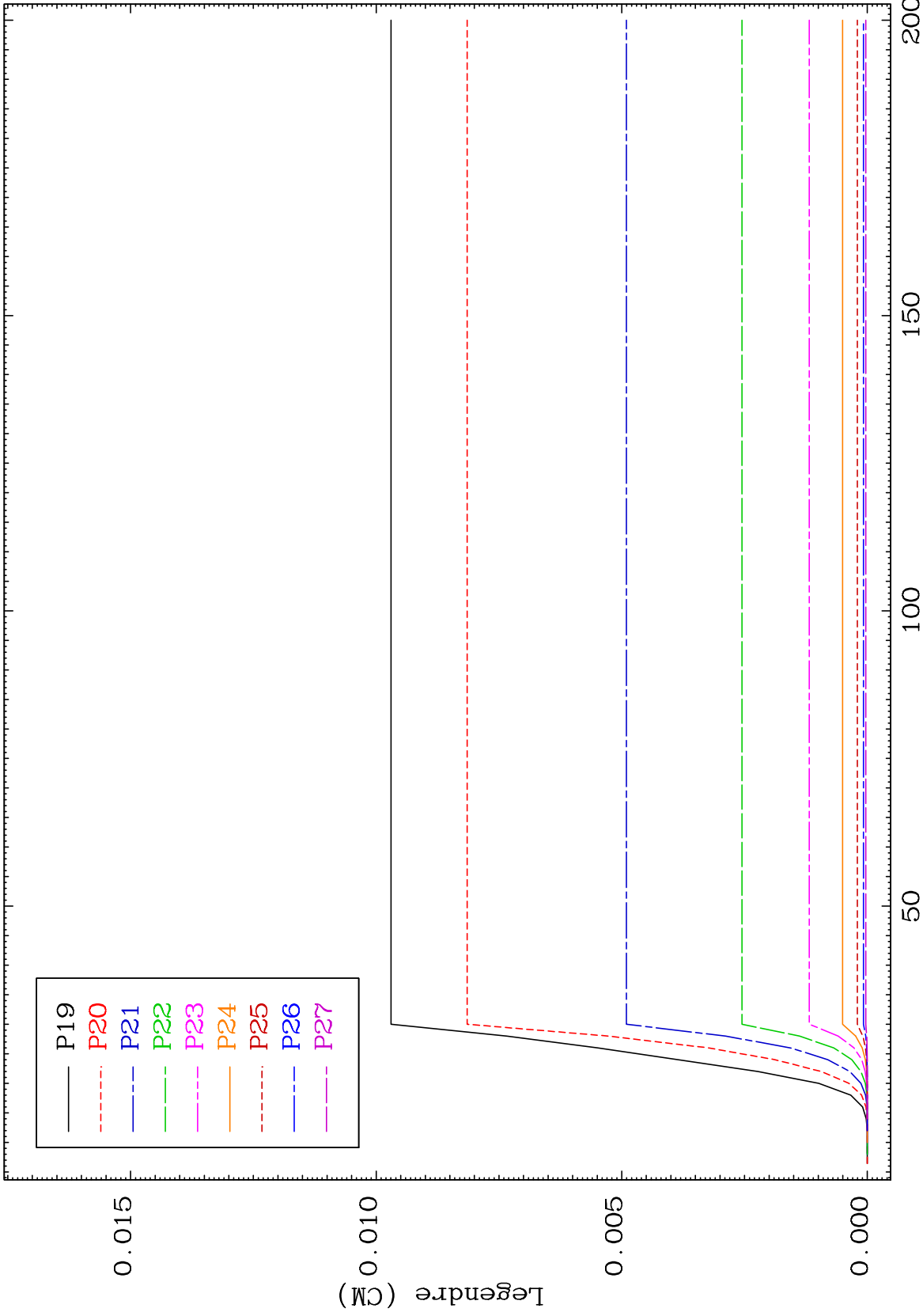
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



38

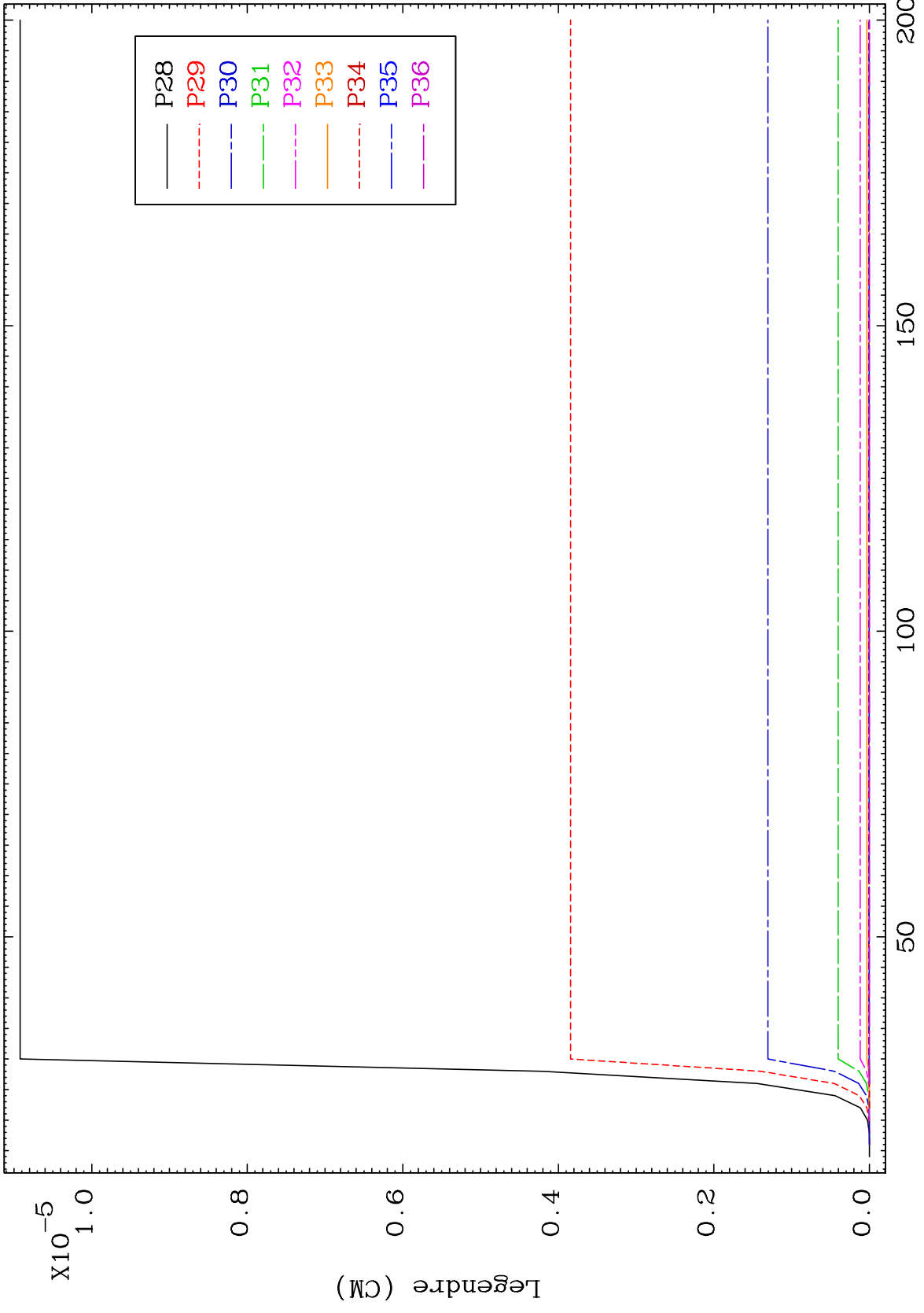
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



39

Incident Energy (MeV)

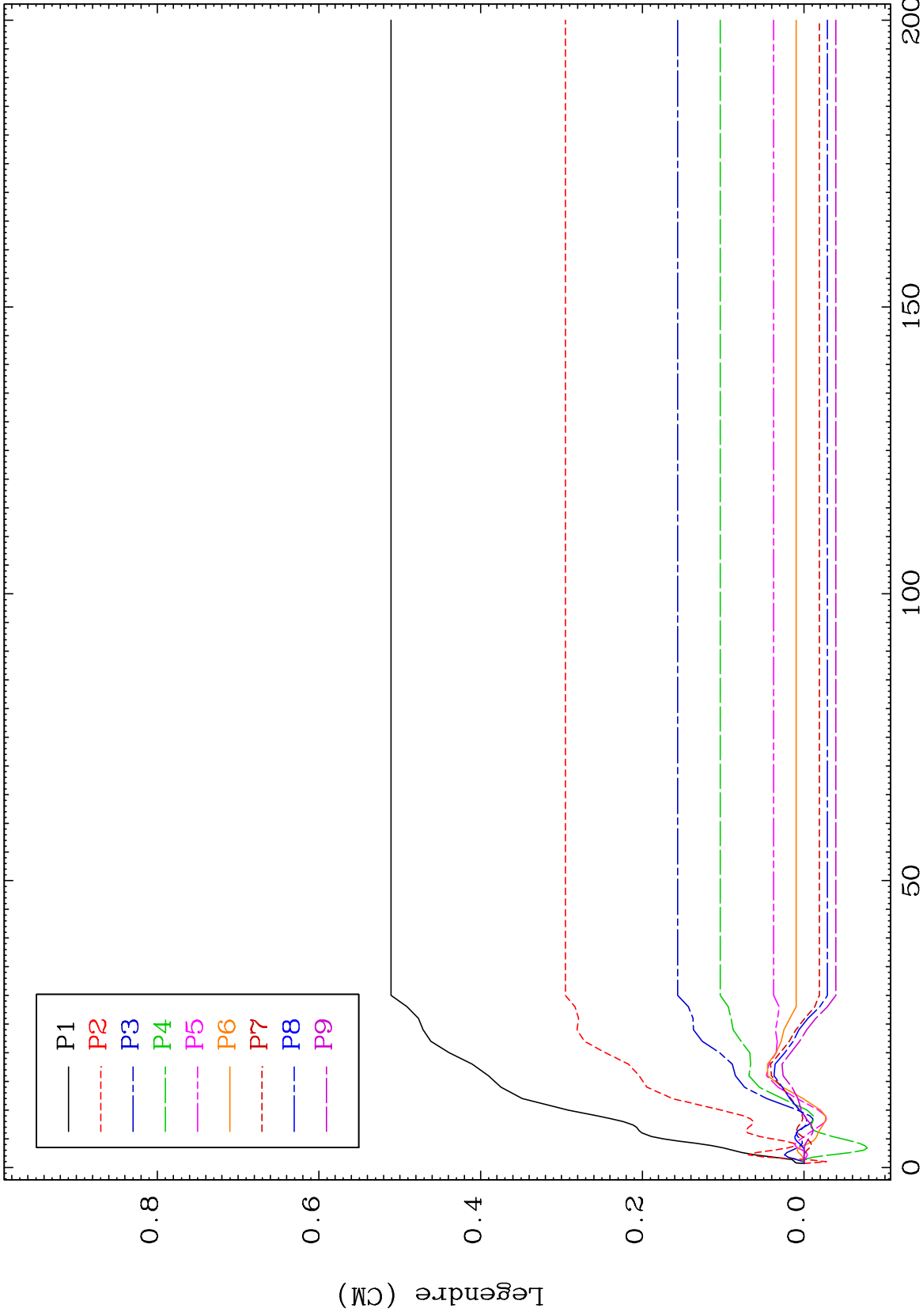
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MAT 6319

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

63-Eu-149



40

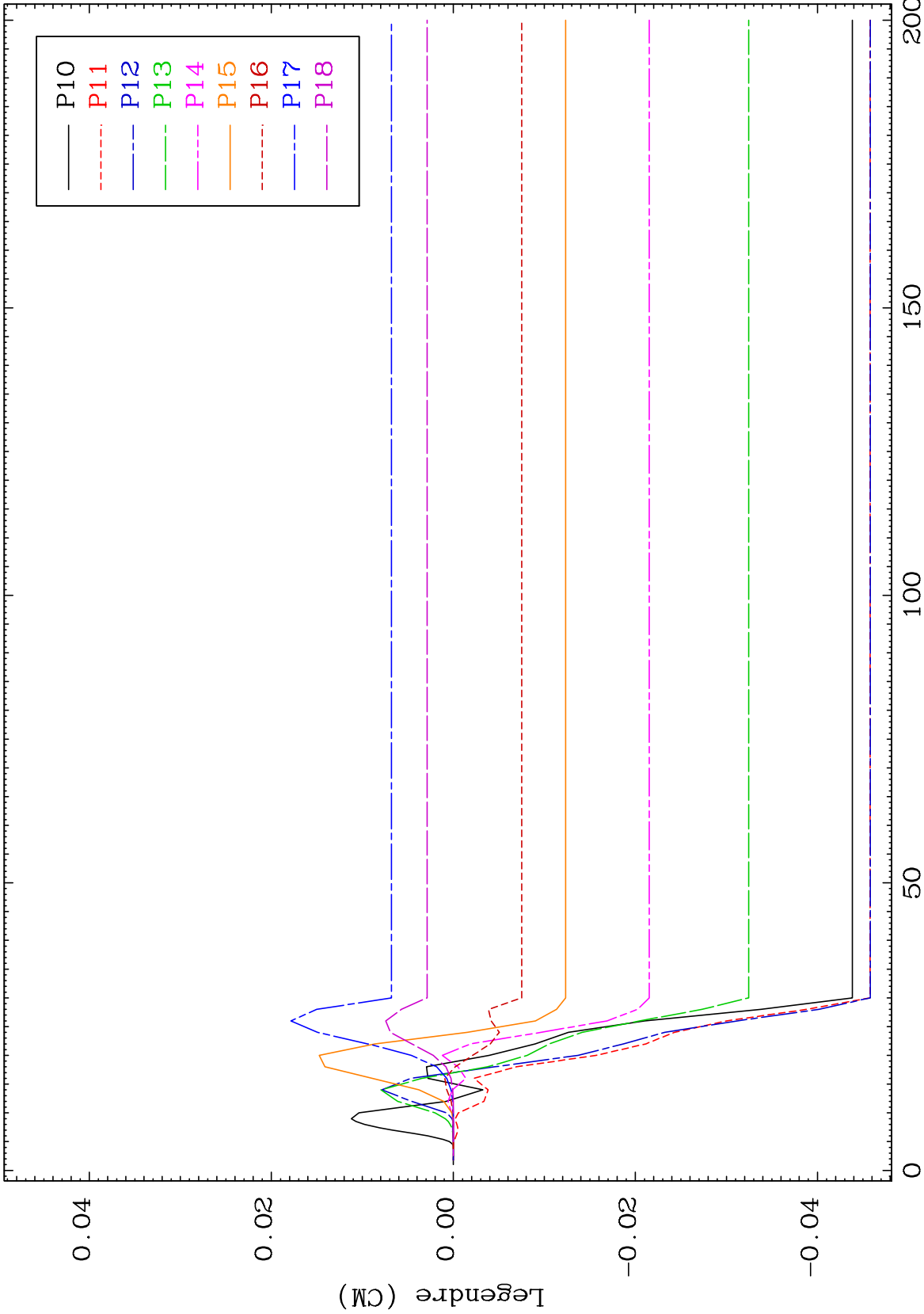
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



41

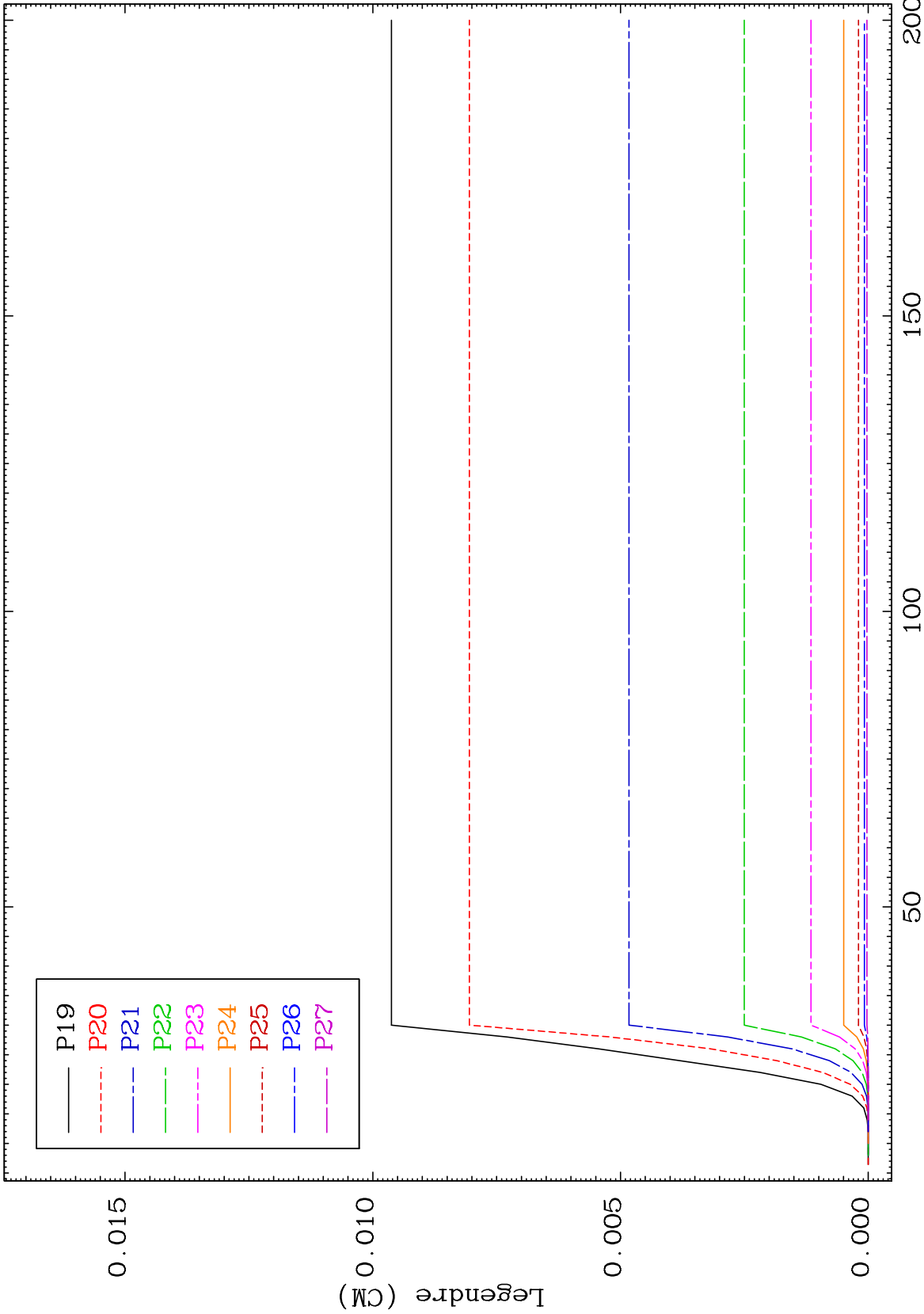
Incident Energy (MeV)

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MAT 6319

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

63-Eu-149



42

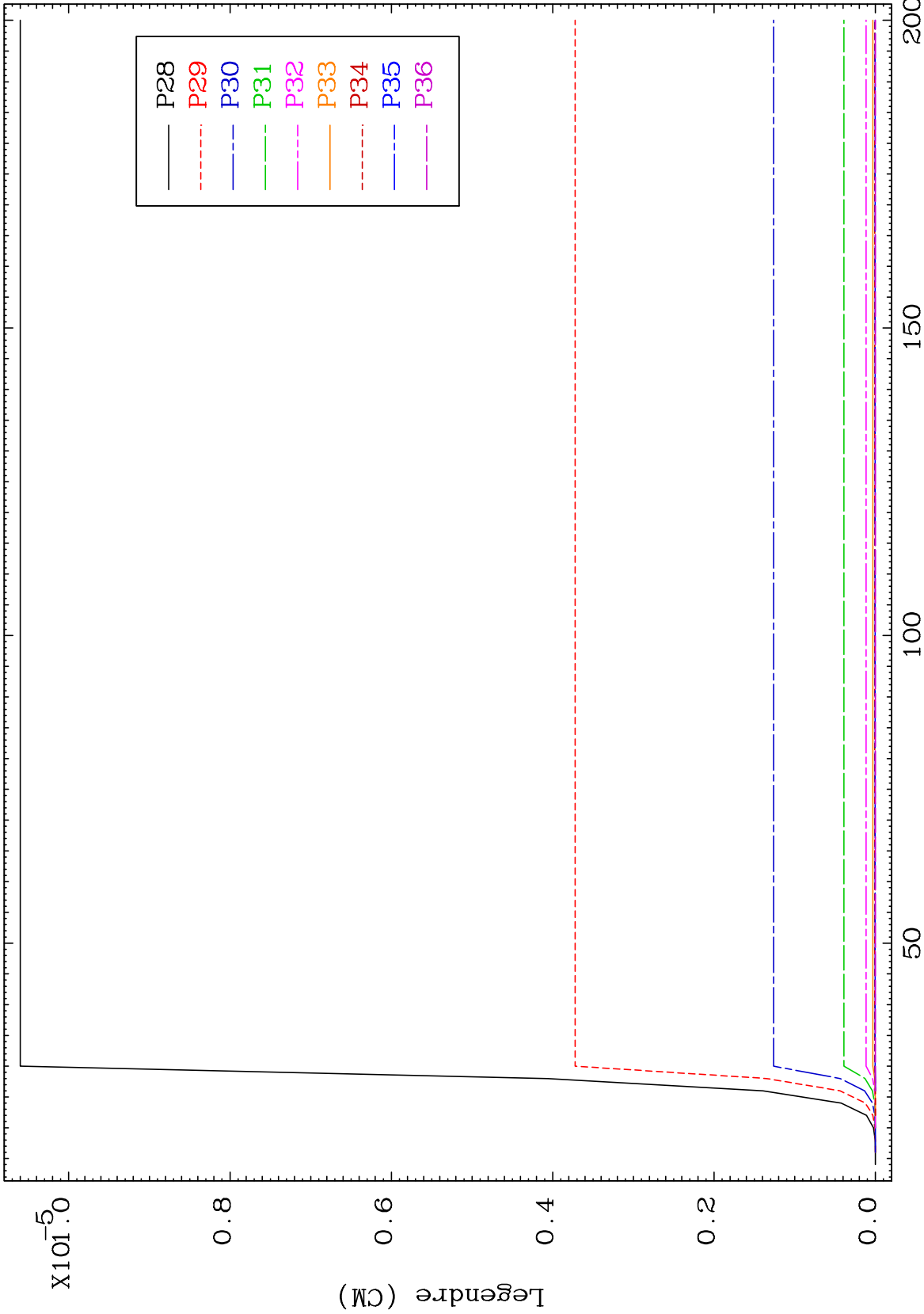
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



43

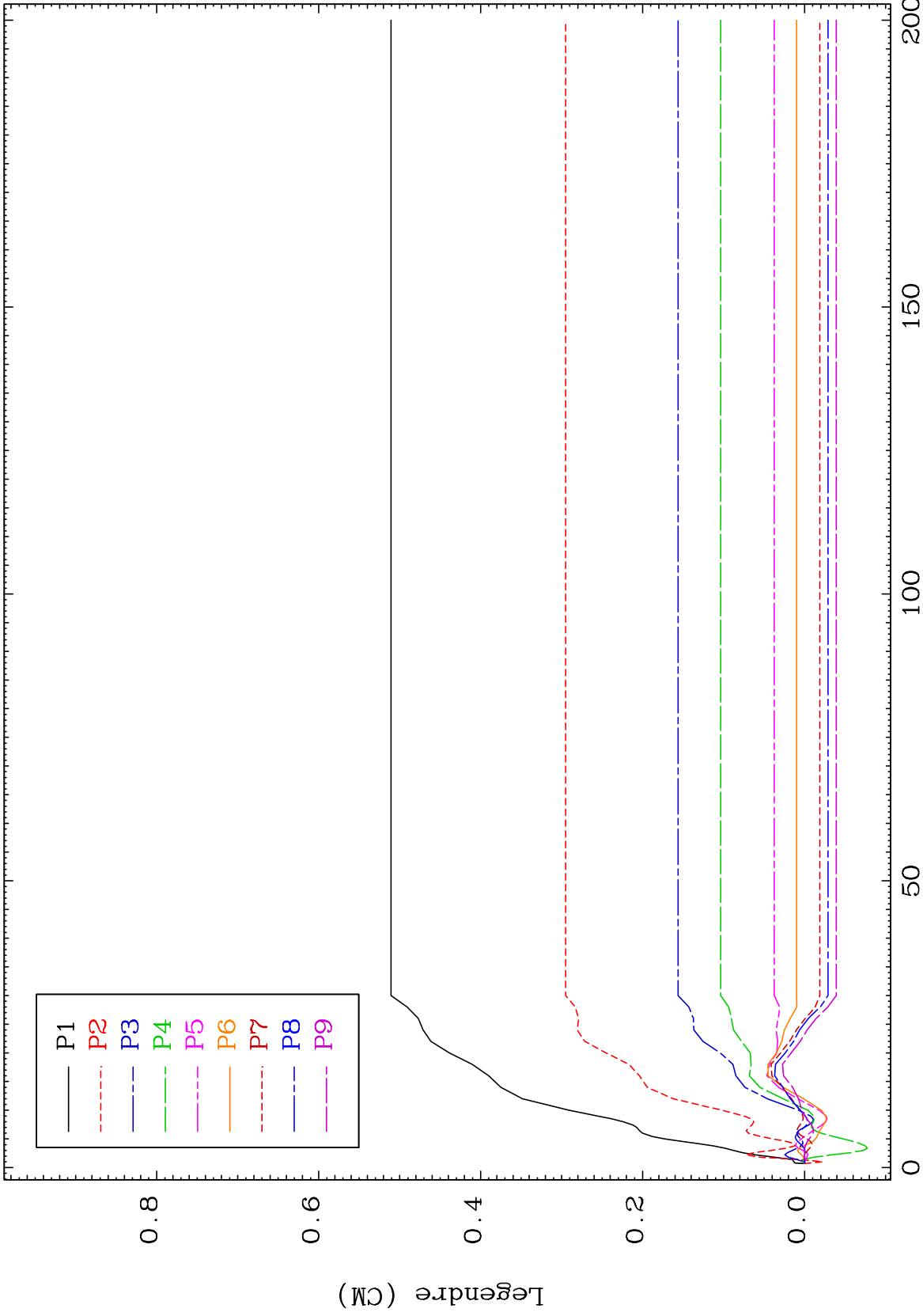
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



44

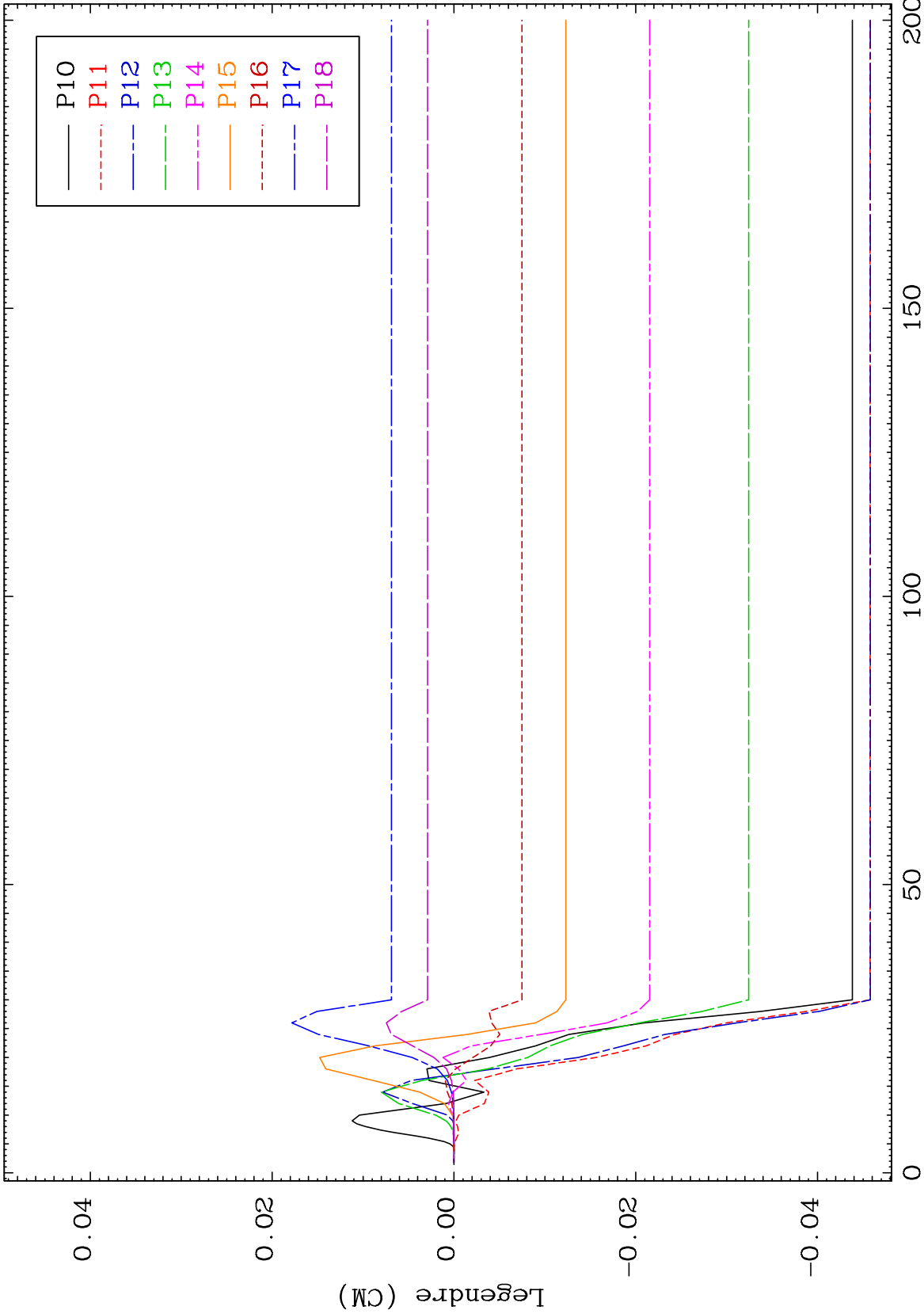
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



45

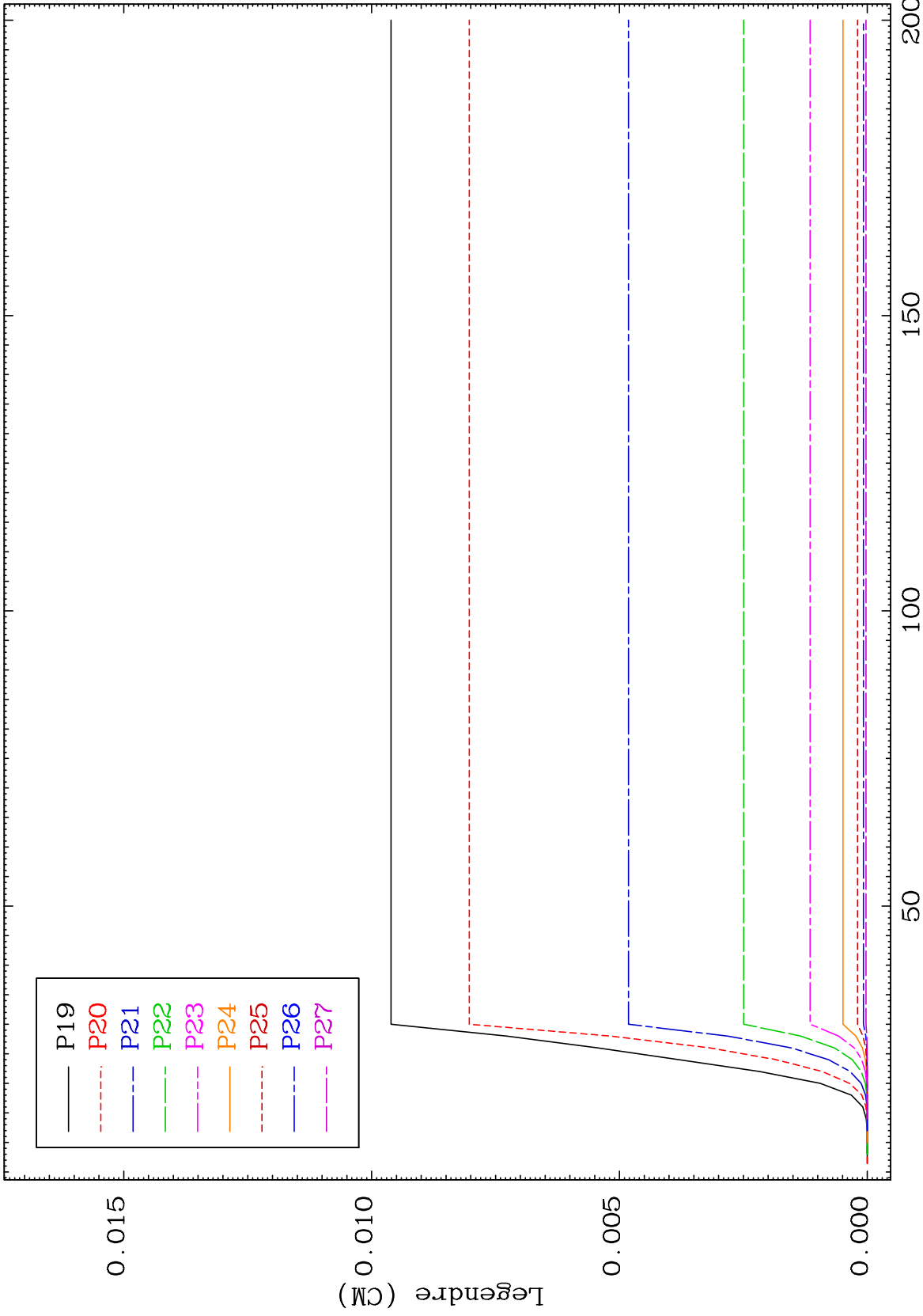
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



46

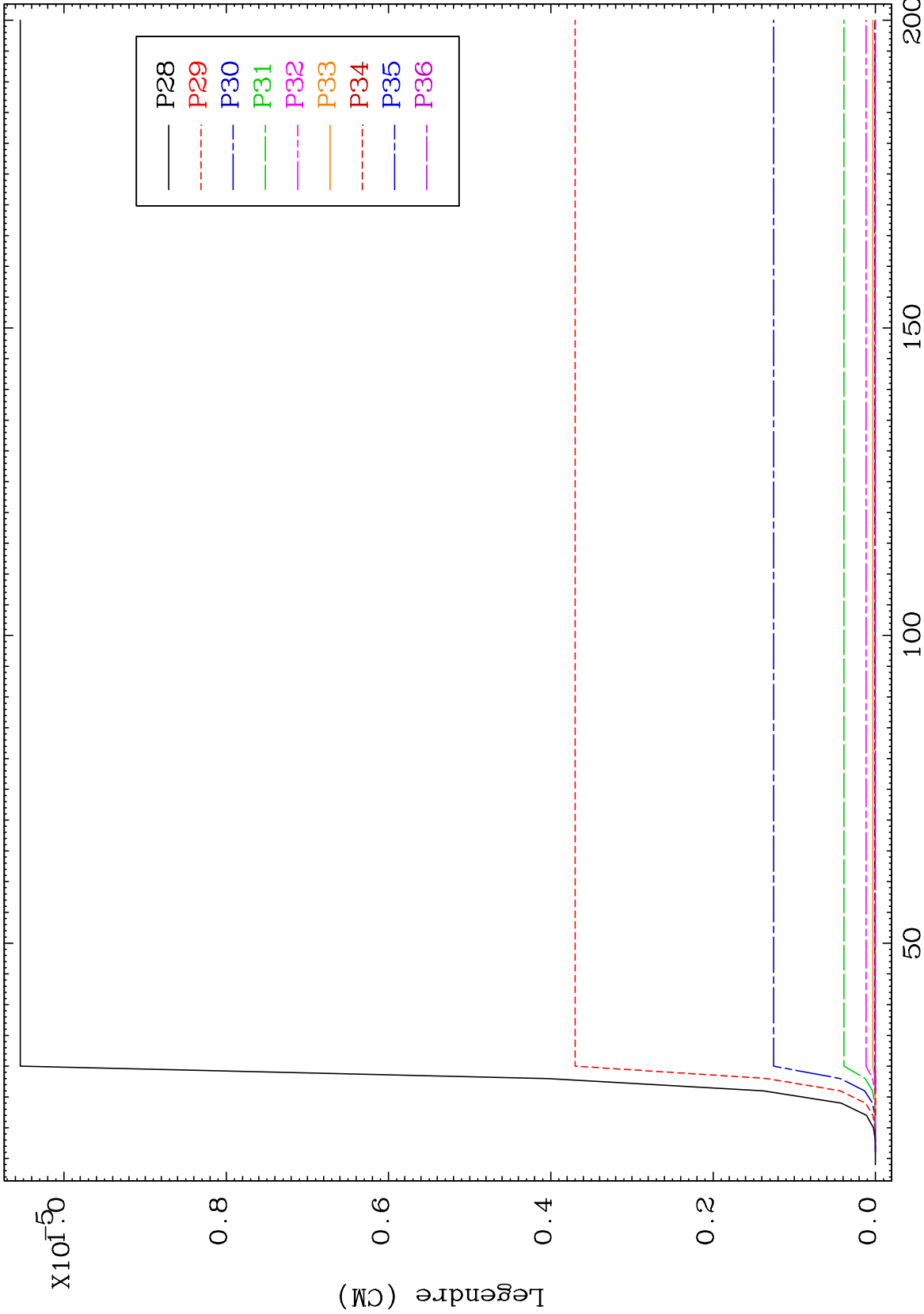
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



47

Incident Energy (MeV)

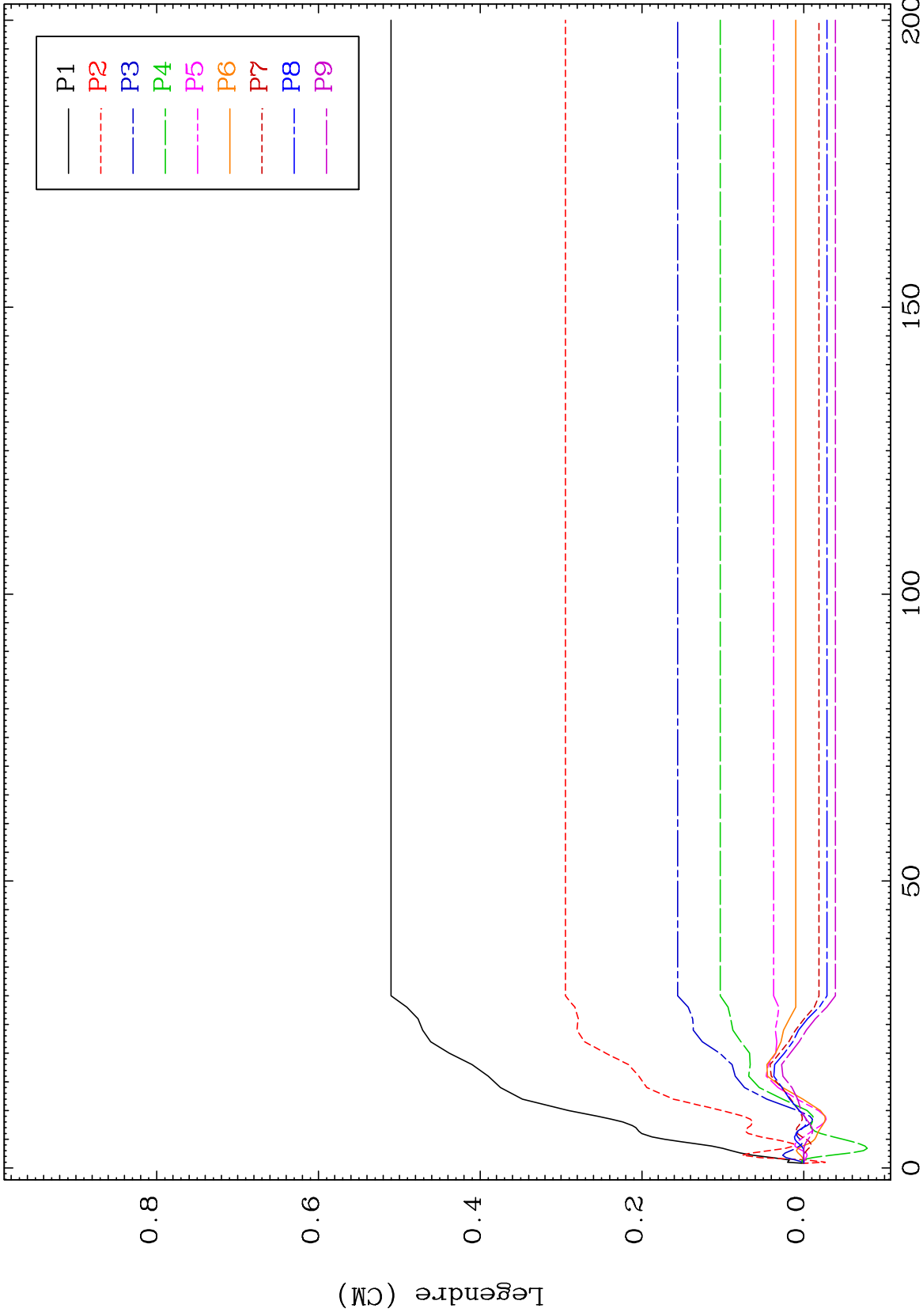
63-Eu-149



MAT 6319

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

63-Eu-149



48

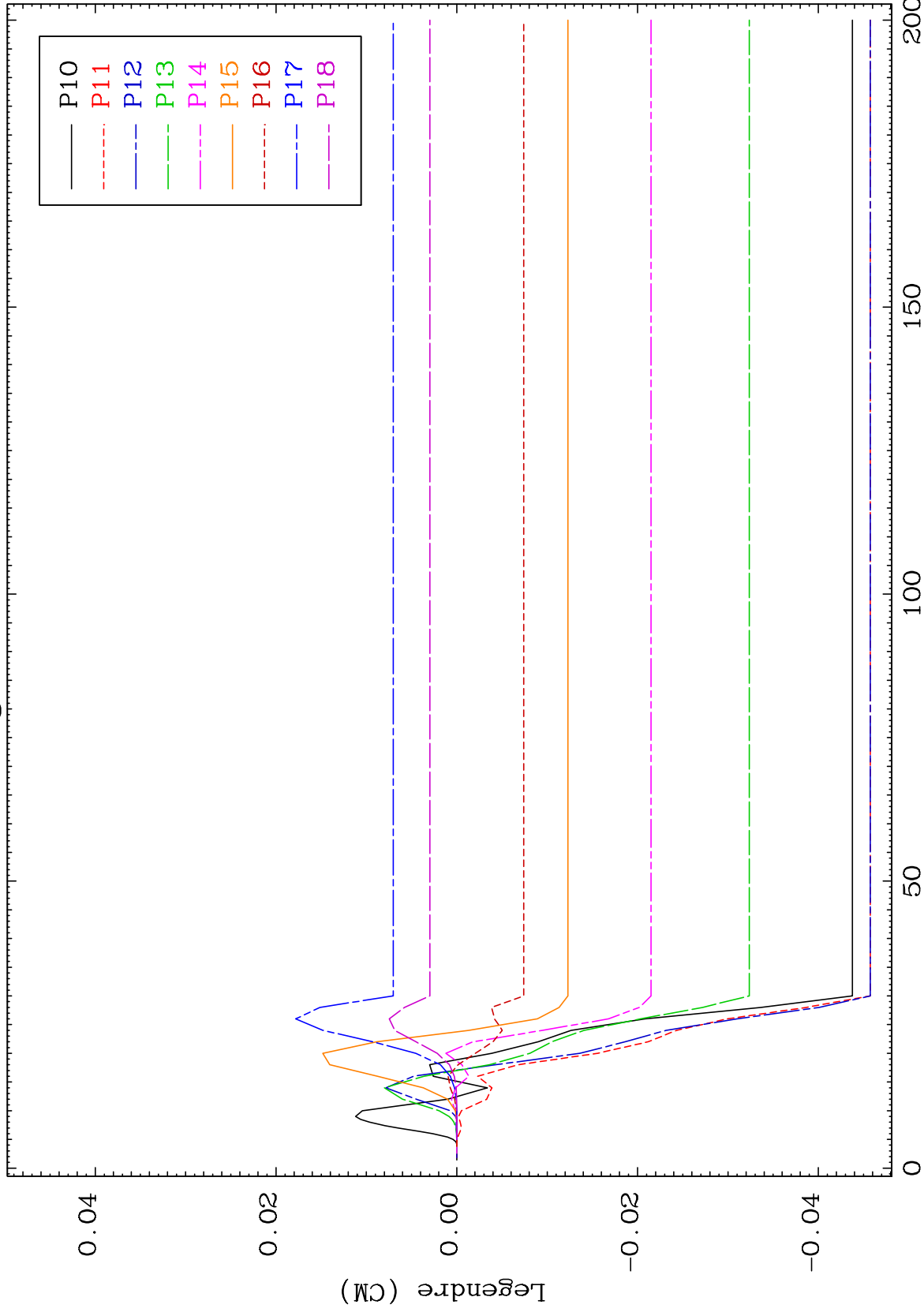
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



49

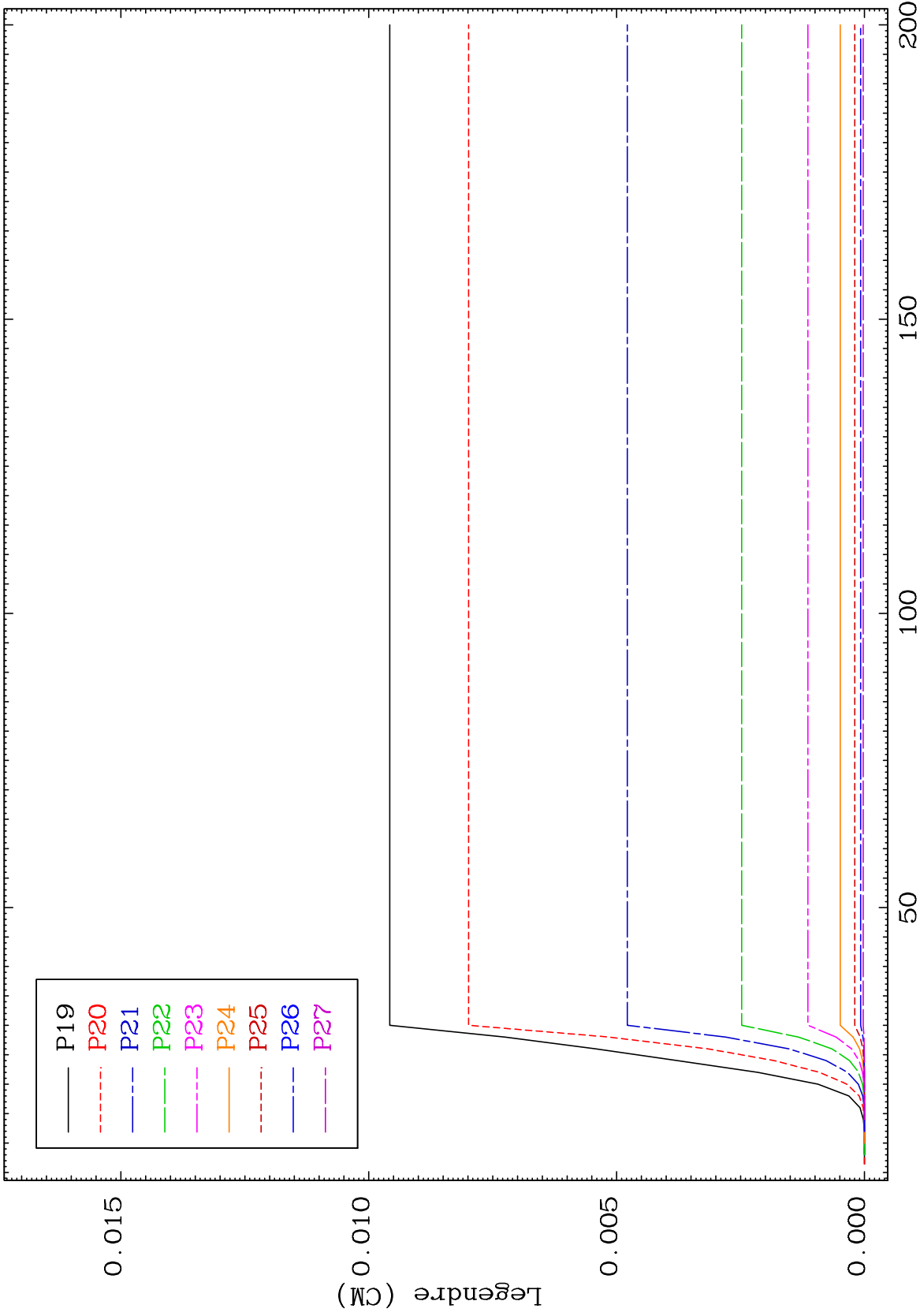
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



50

50

100

150

200

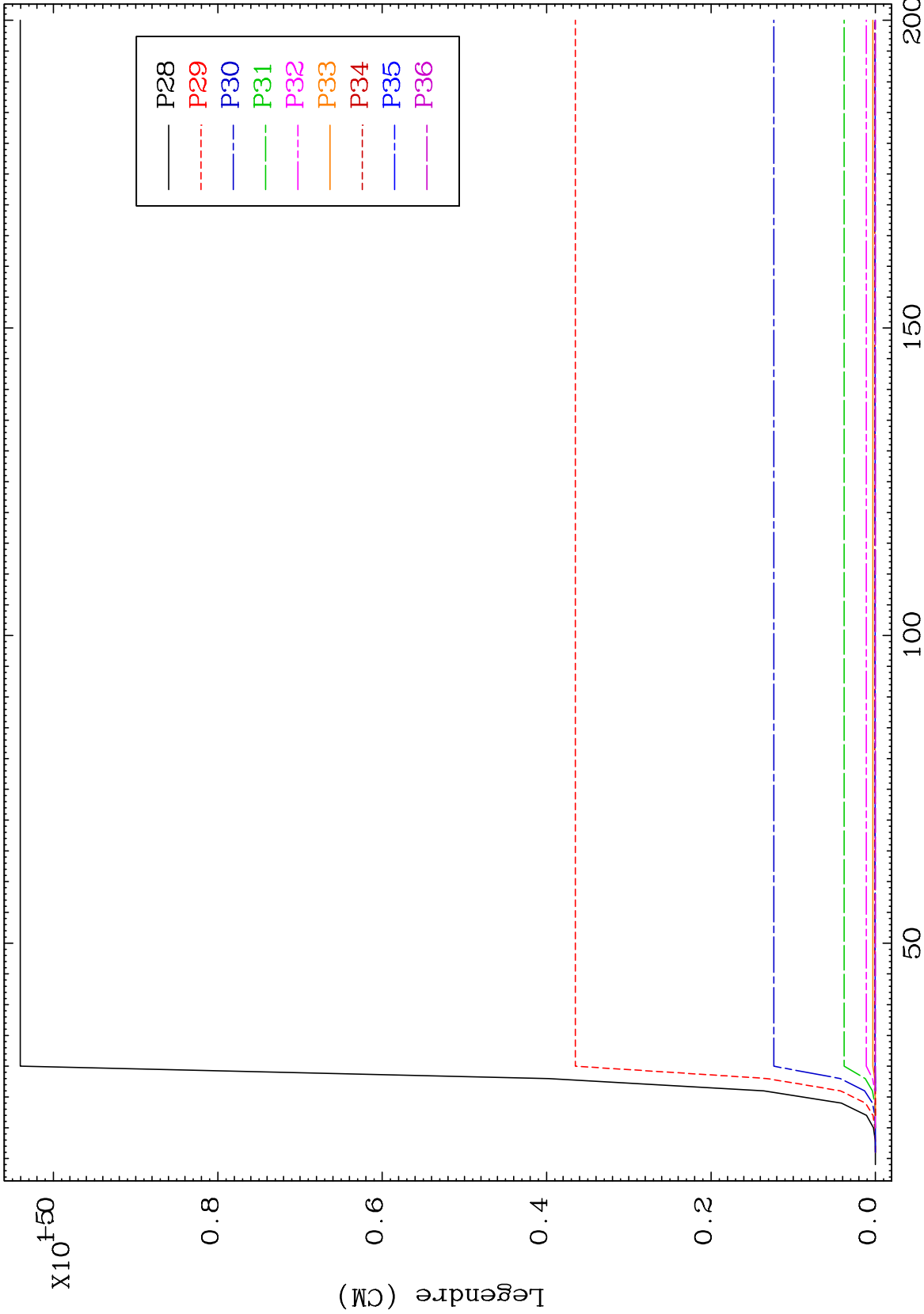
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



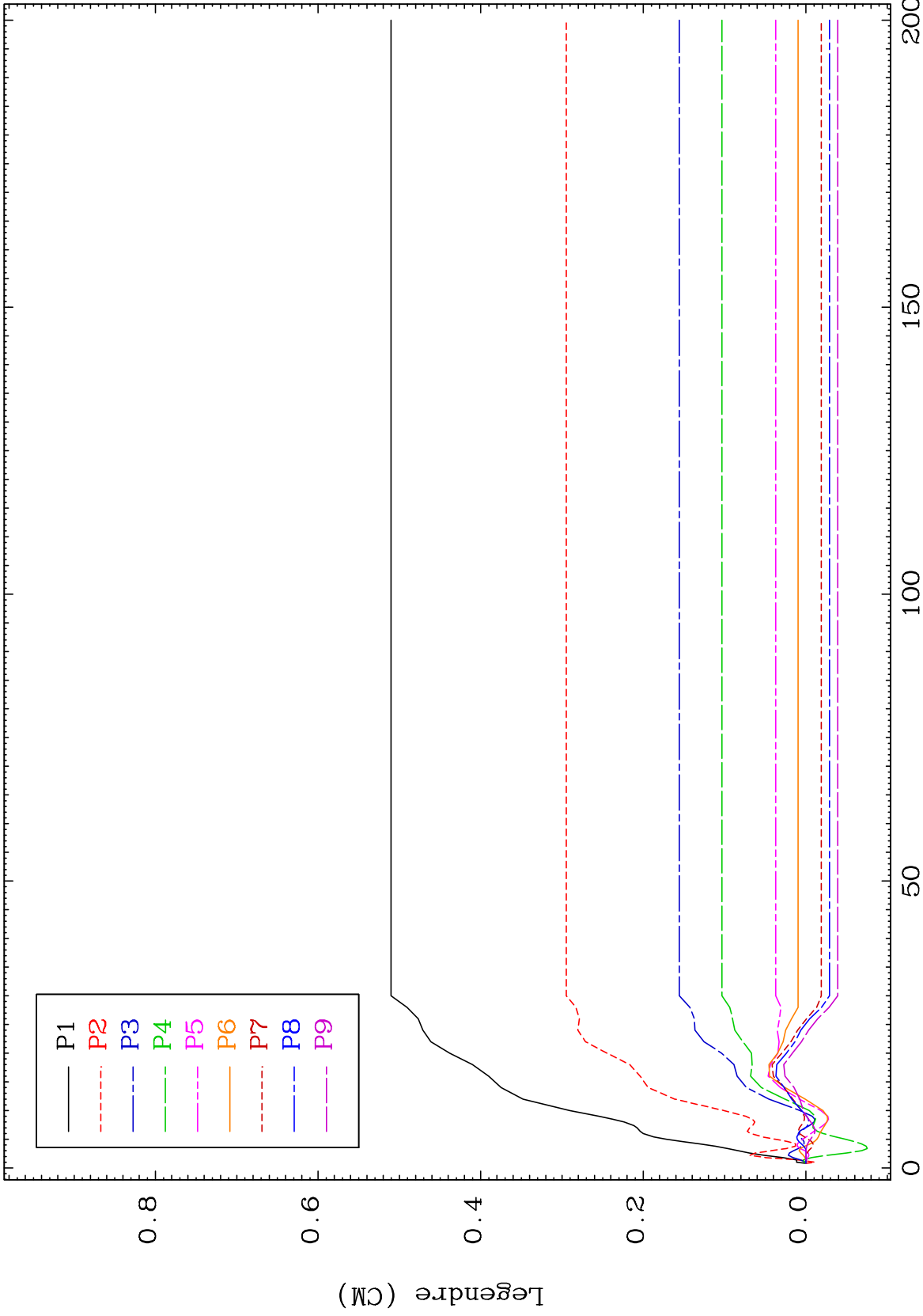
51

63-Eu-149

MAT 6319

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

63-Eu-149



52

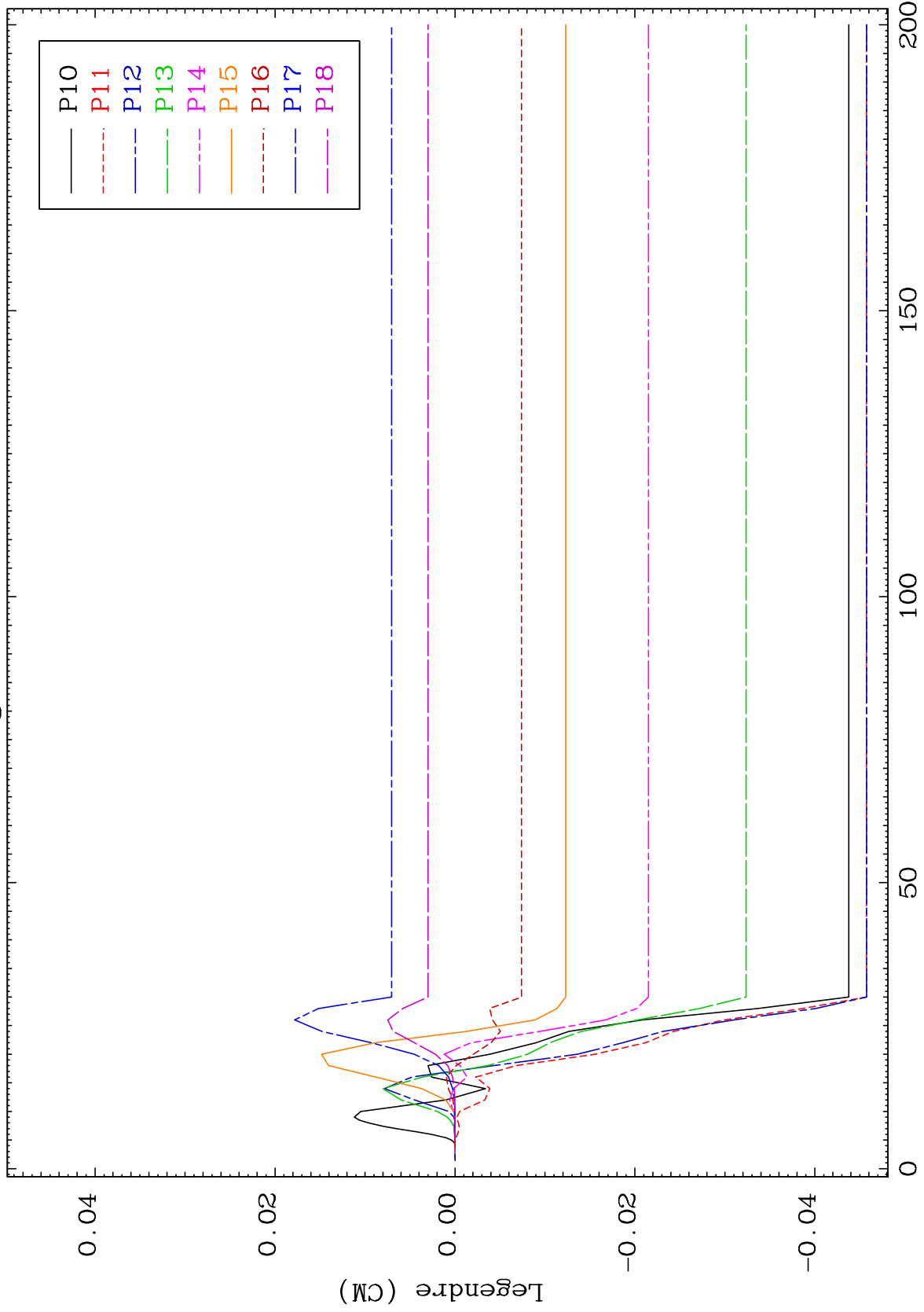
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

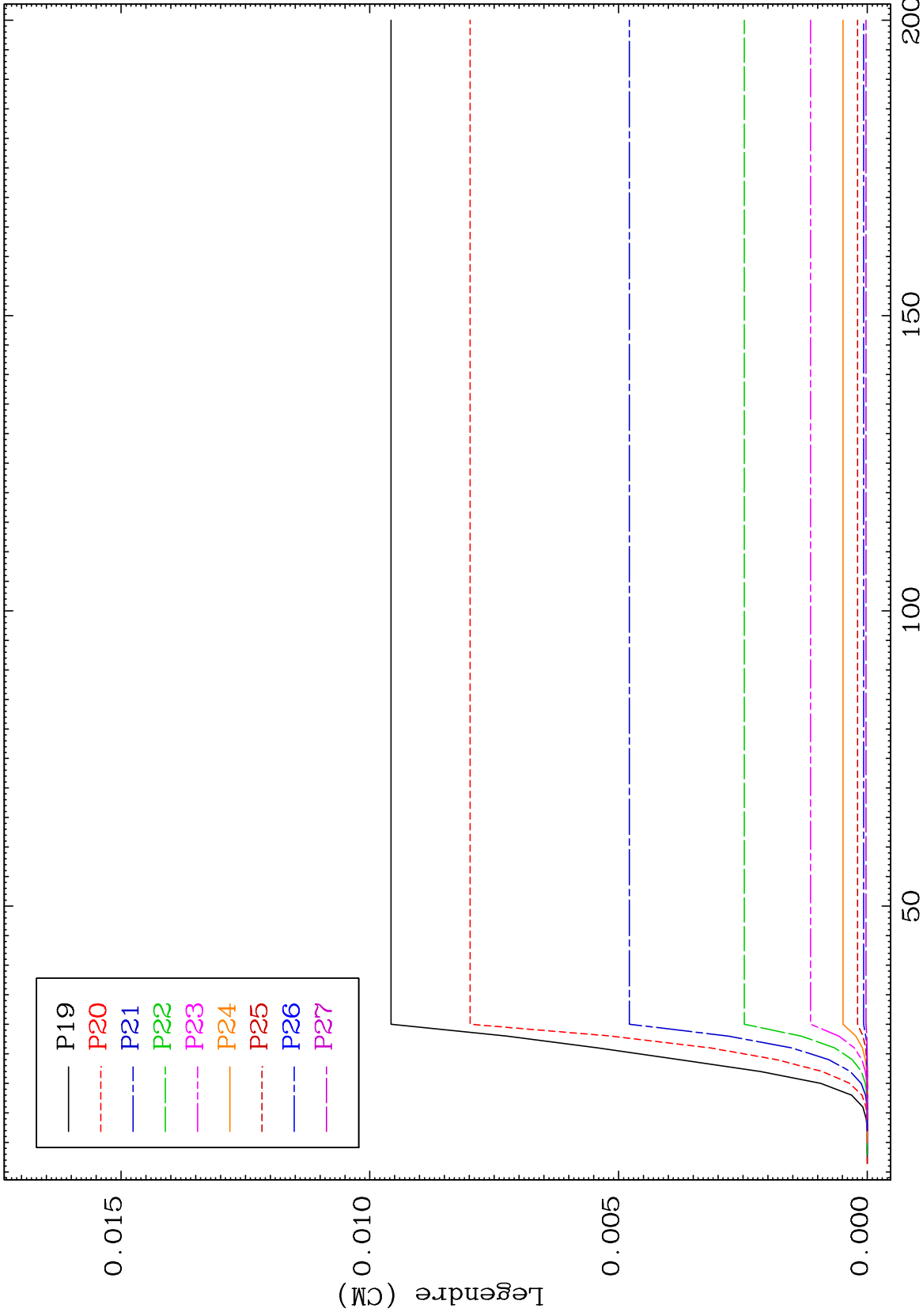
63-Eu-149



53

Incident Energy (MeV)

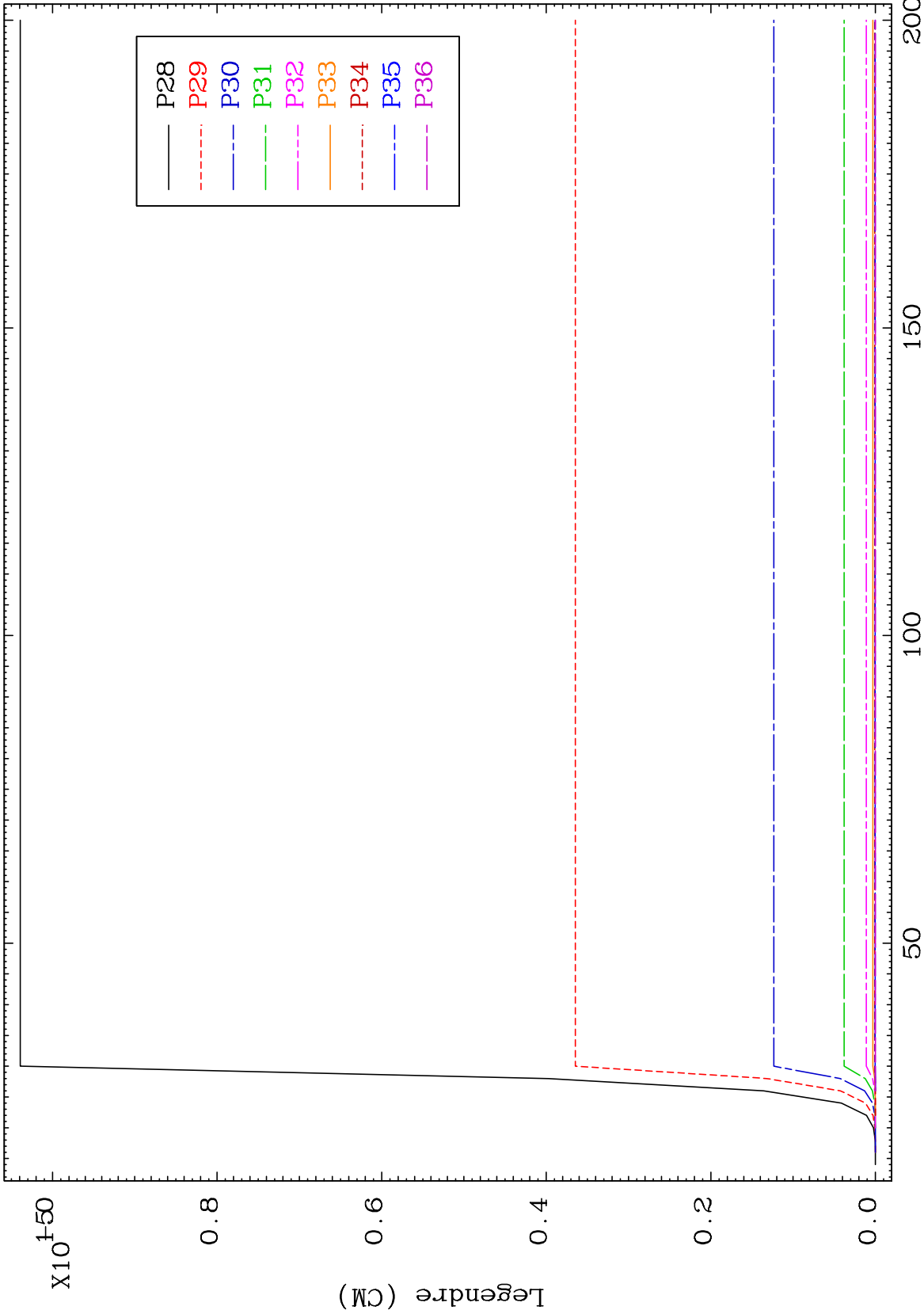
63-Eu-149



MAT 6319

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

63-Eu-149



55

Incident Energy (MeV)

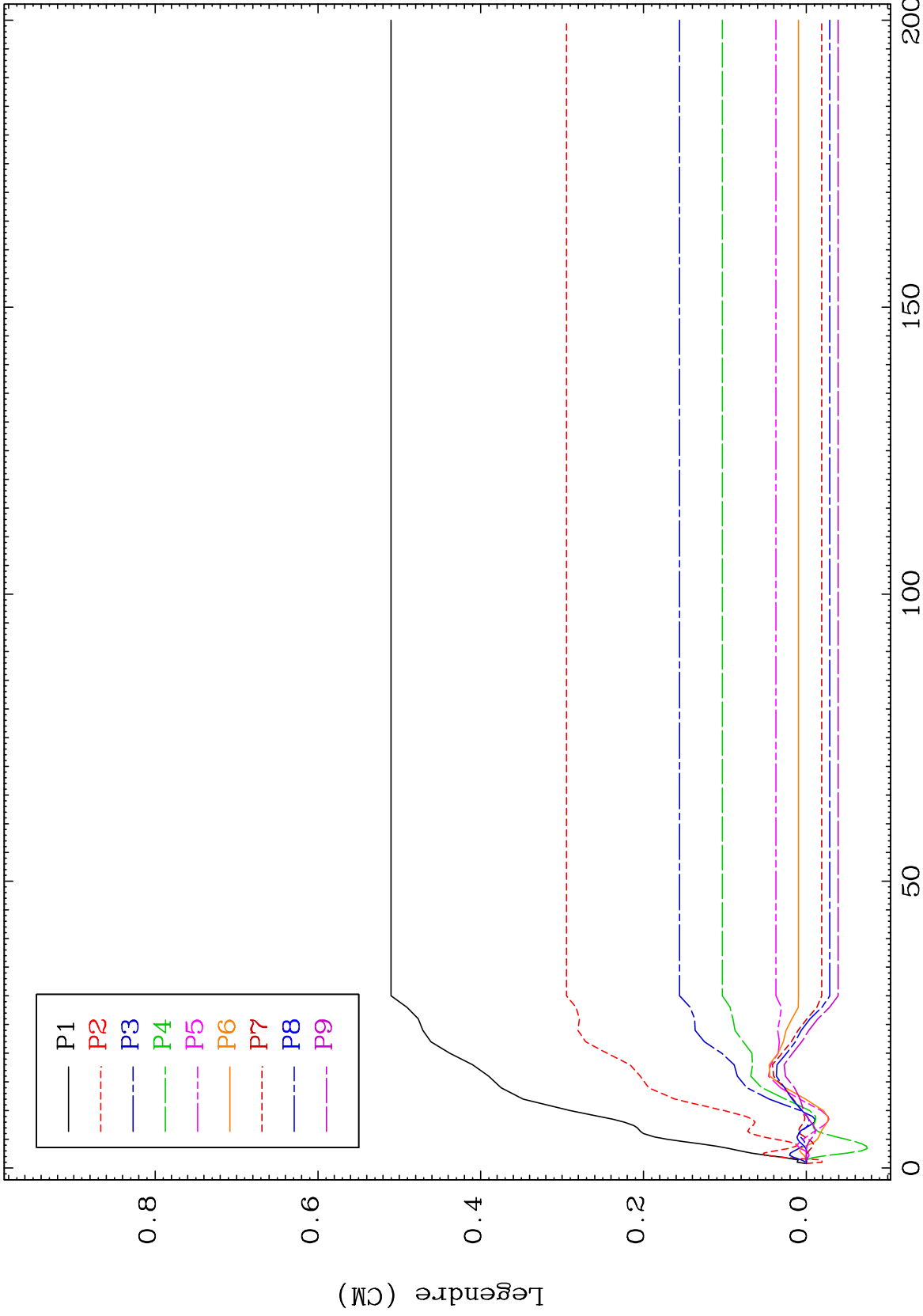
63-Eu-149



MAT 6319

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

63-Eu-149



56

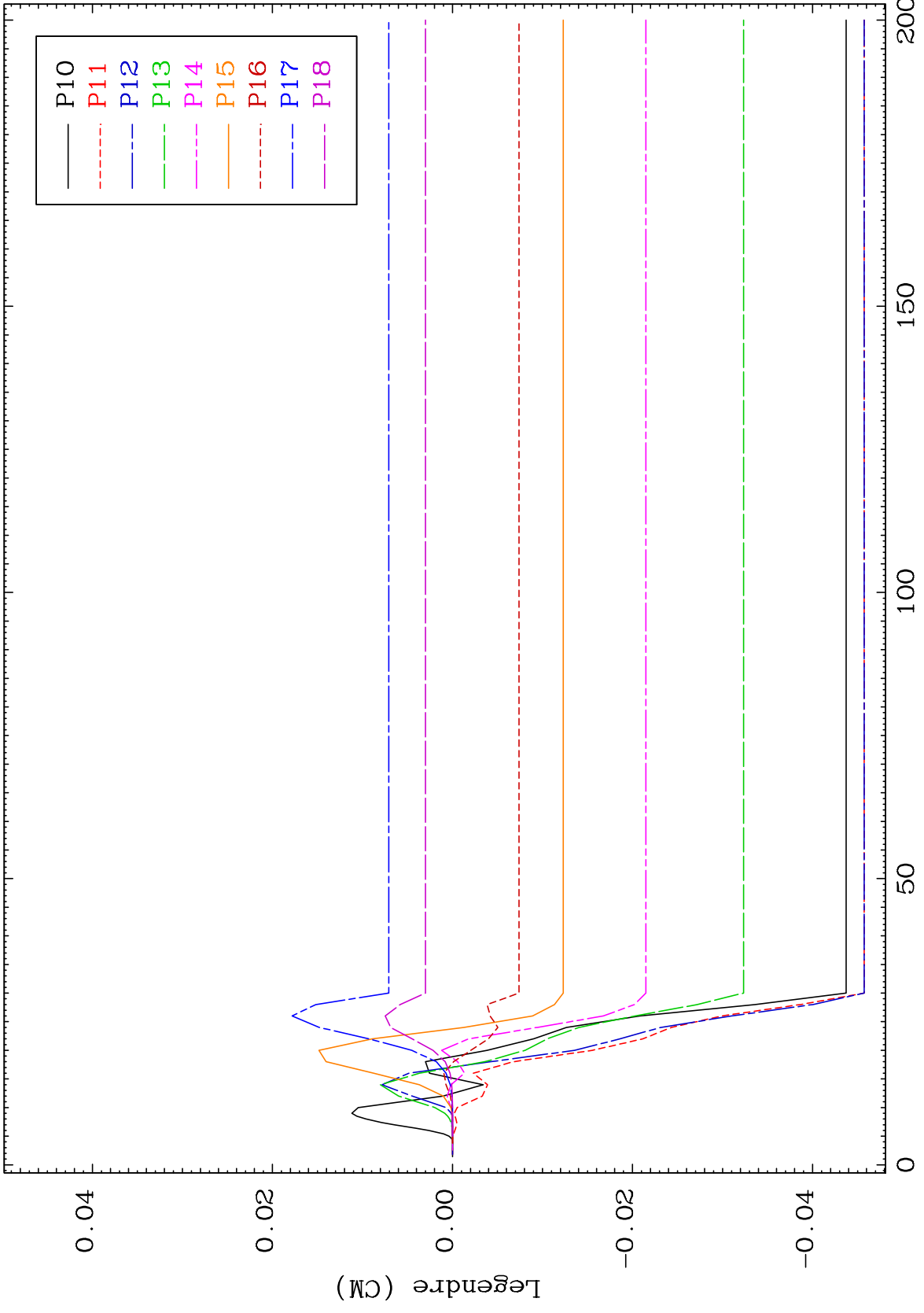
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



57

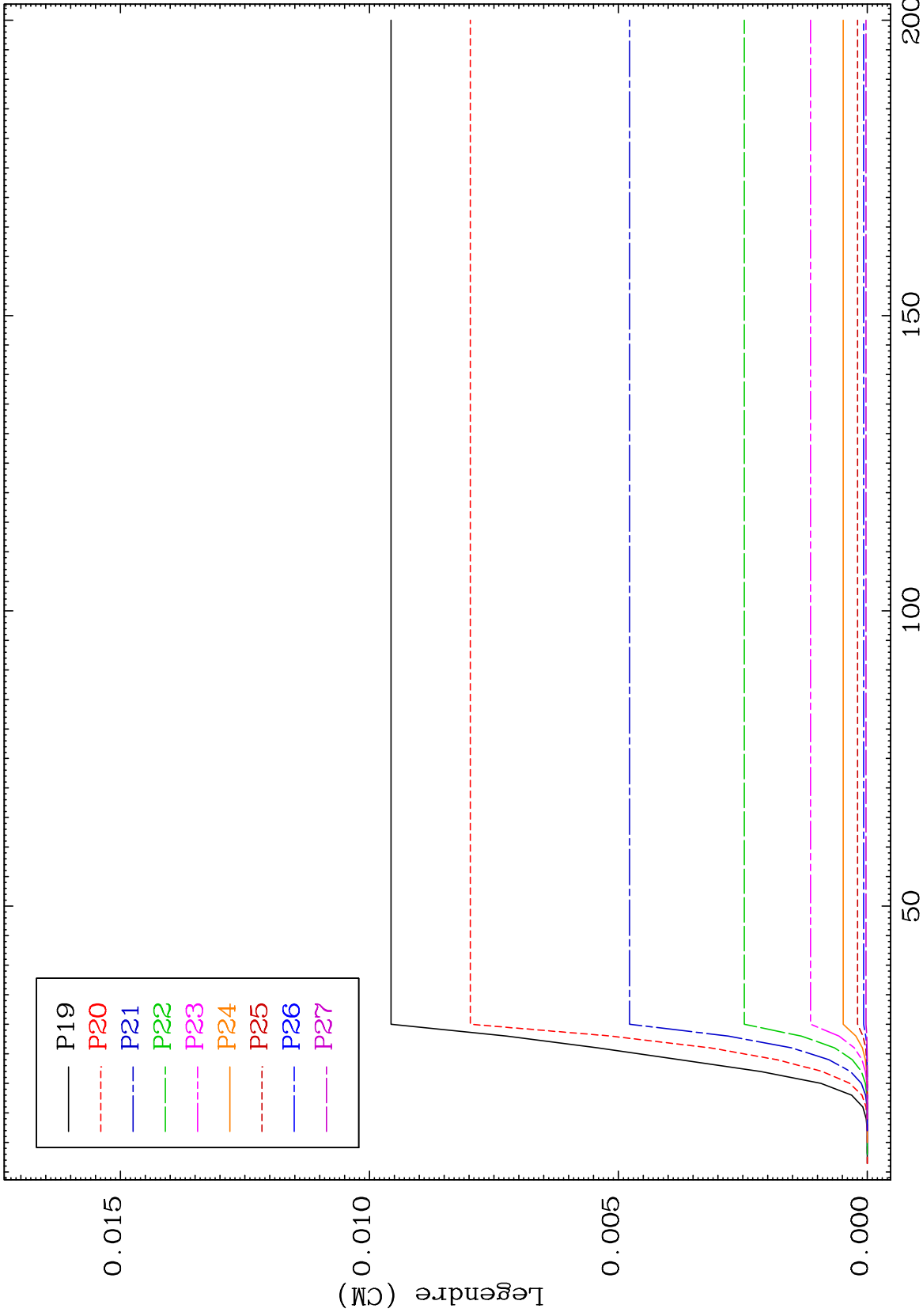
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



58

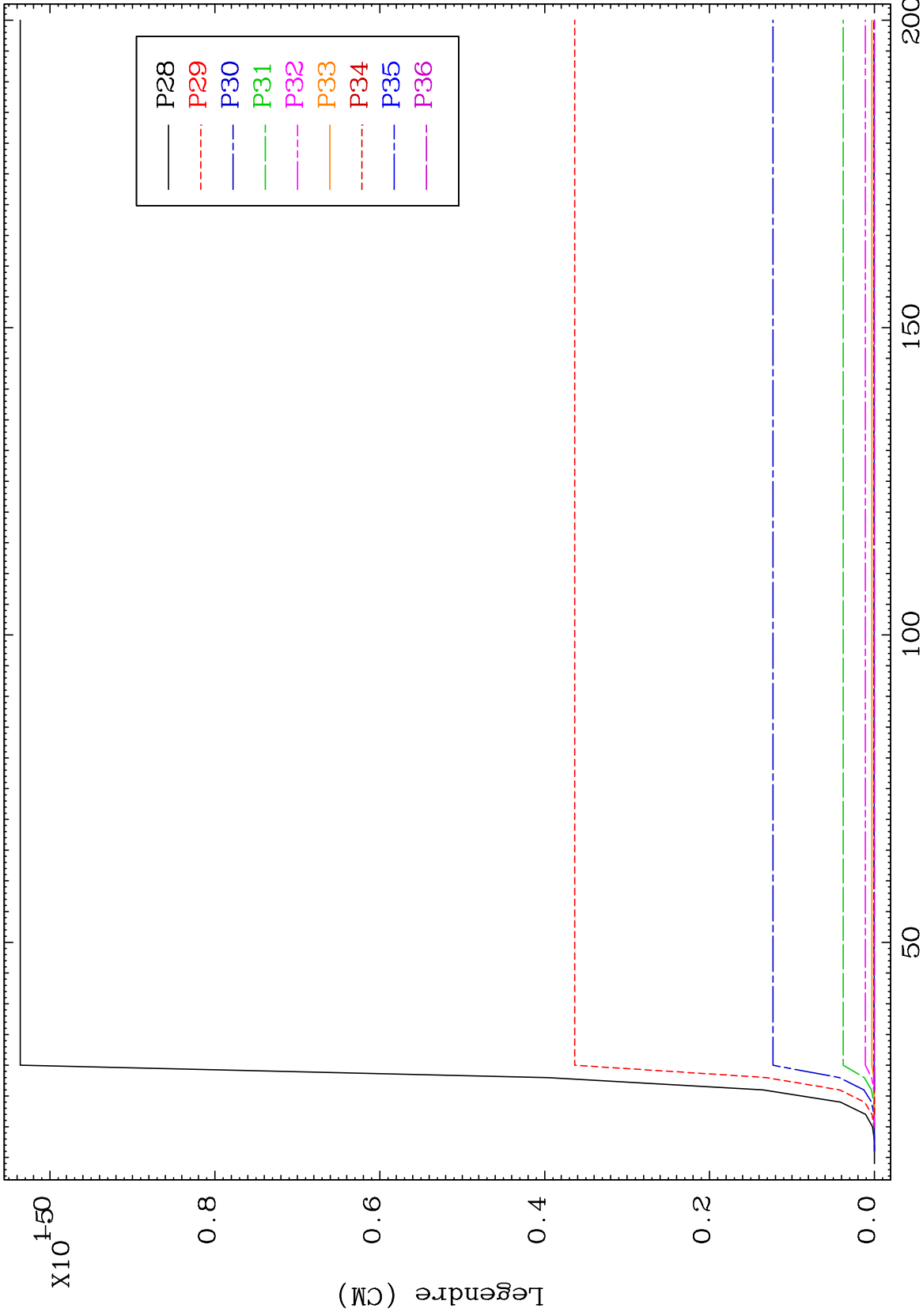
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



59

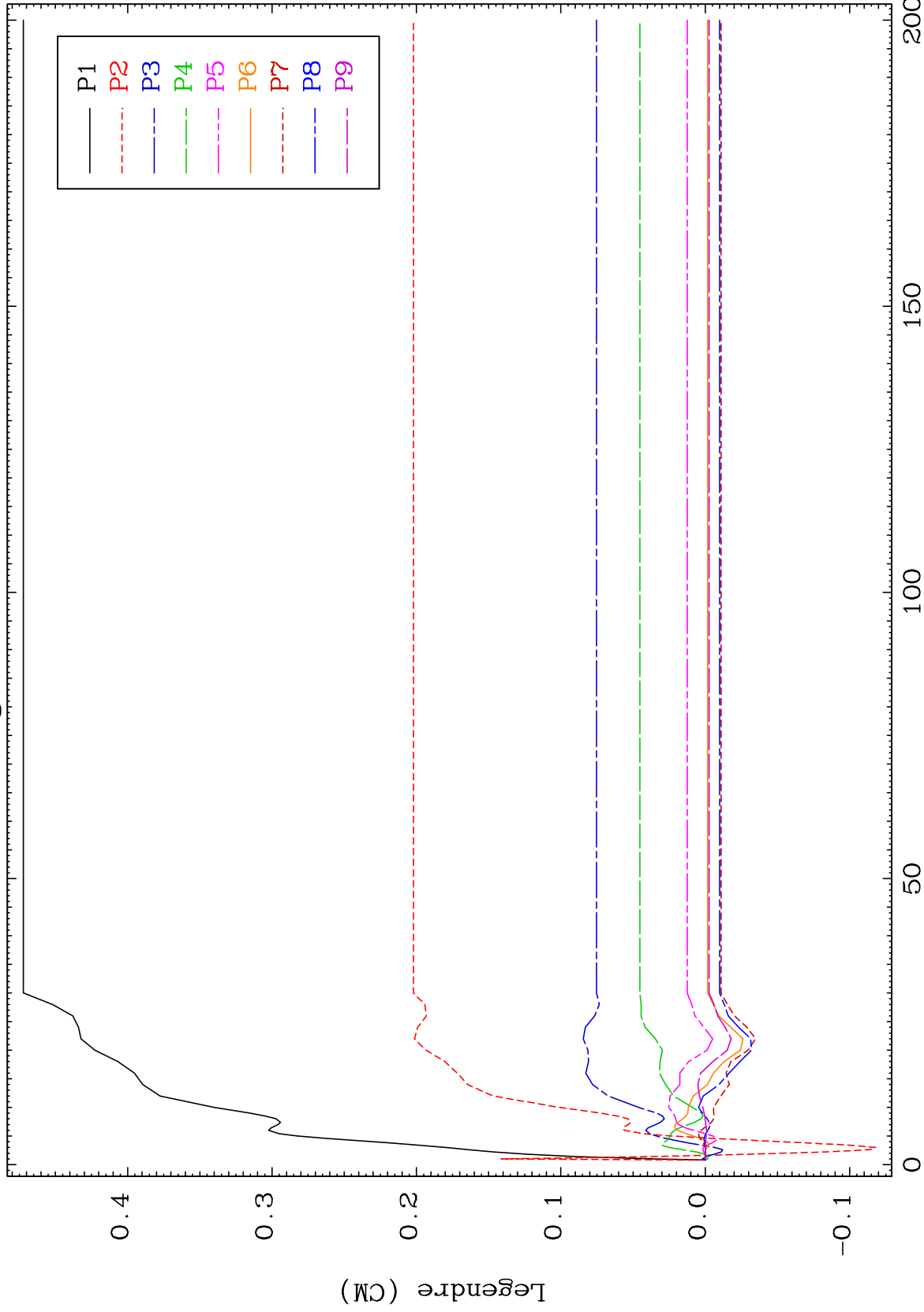
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



60

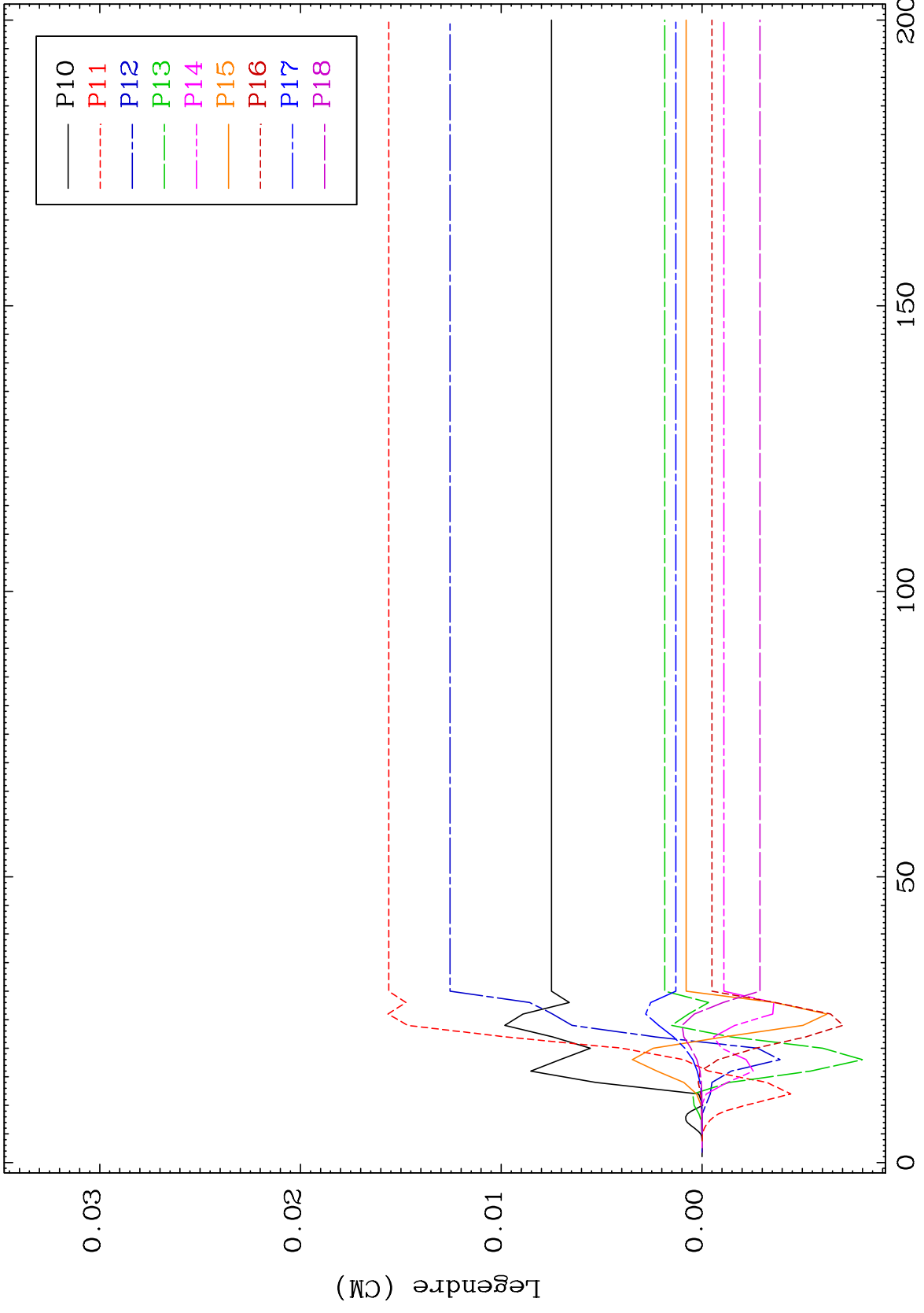
Incident Energy (MeV)

150

63-Eu-149

200

MAT 6319 MT= 61 (n,n') Level Legendre Coefficients 63-Eu-149

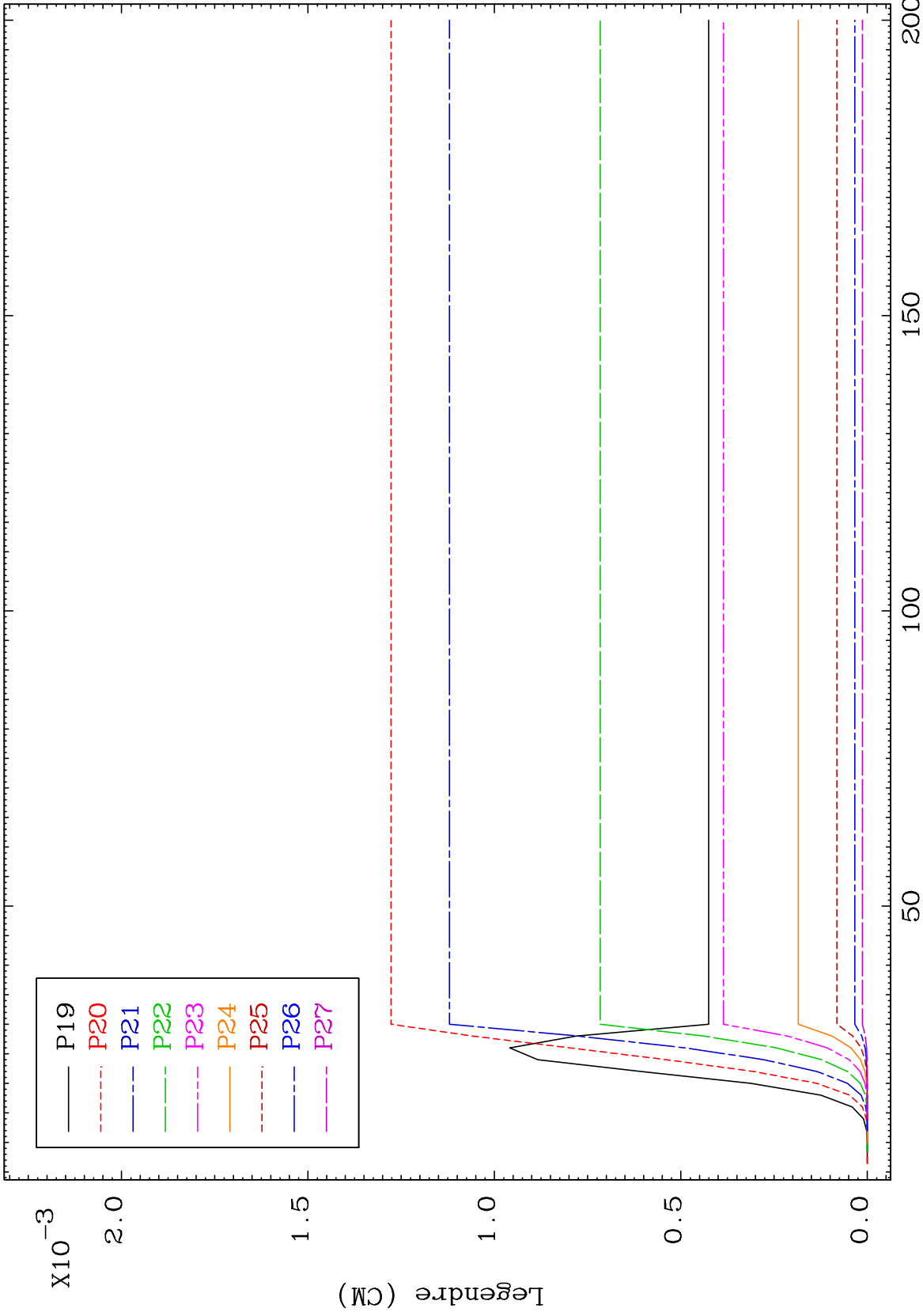


61 63-Eu-149

MAT 6319

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

63-Eu-149



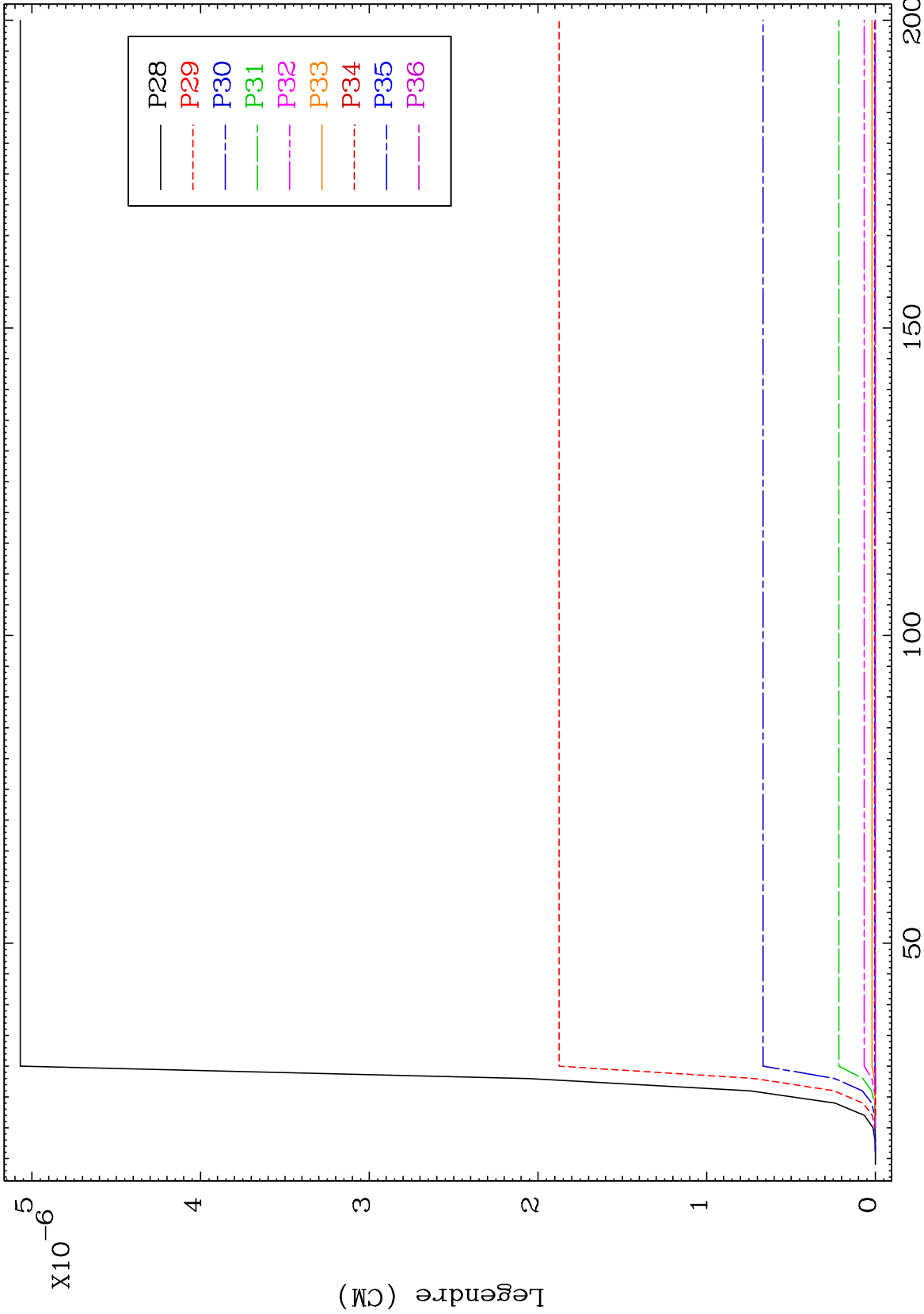
62

63-Eu-149

MAT 6319

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

63-Eu-149



63

Incident Energy (MeV)

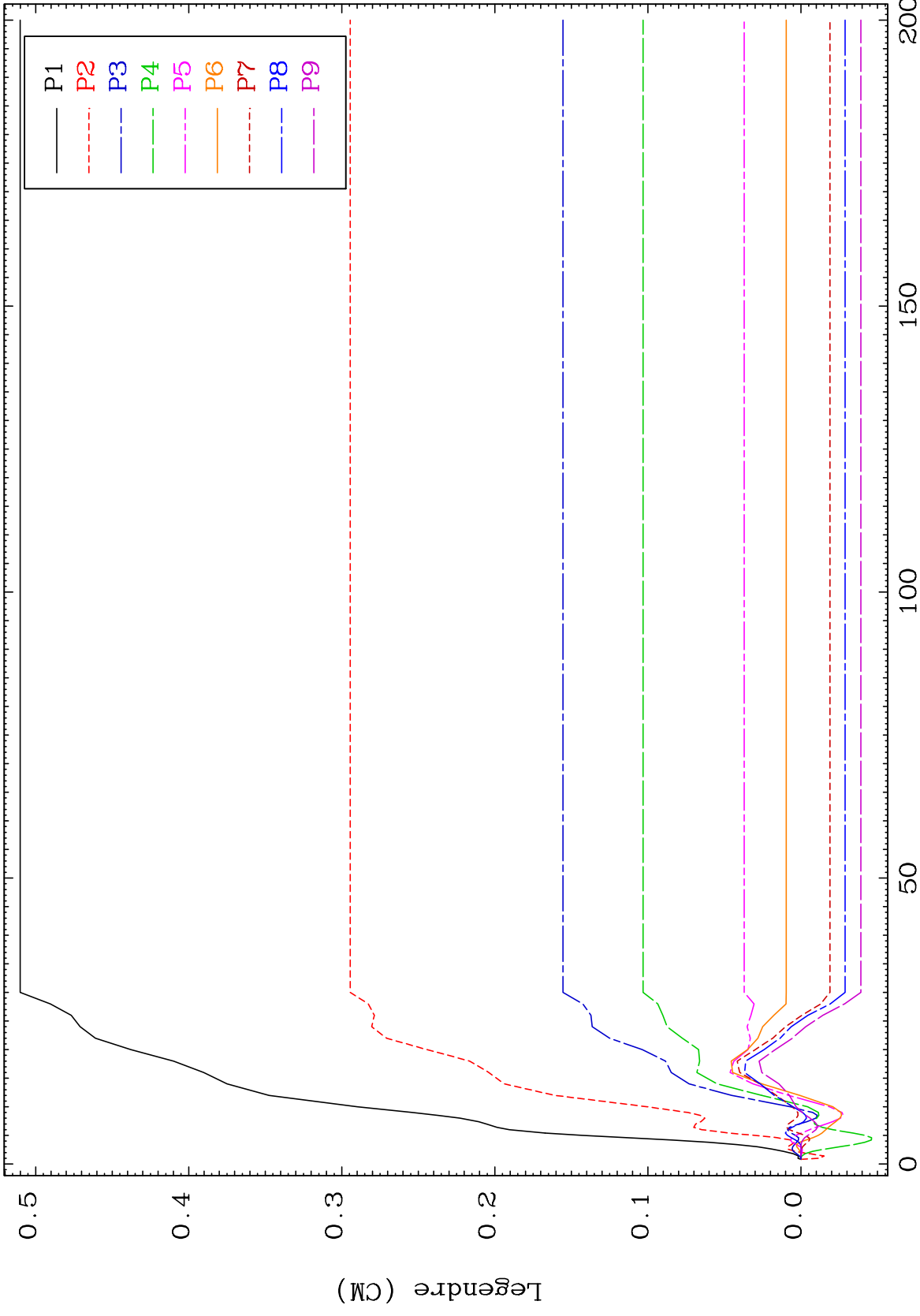
63-Eu-149



MAT 6319

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

63-Eu-149



64

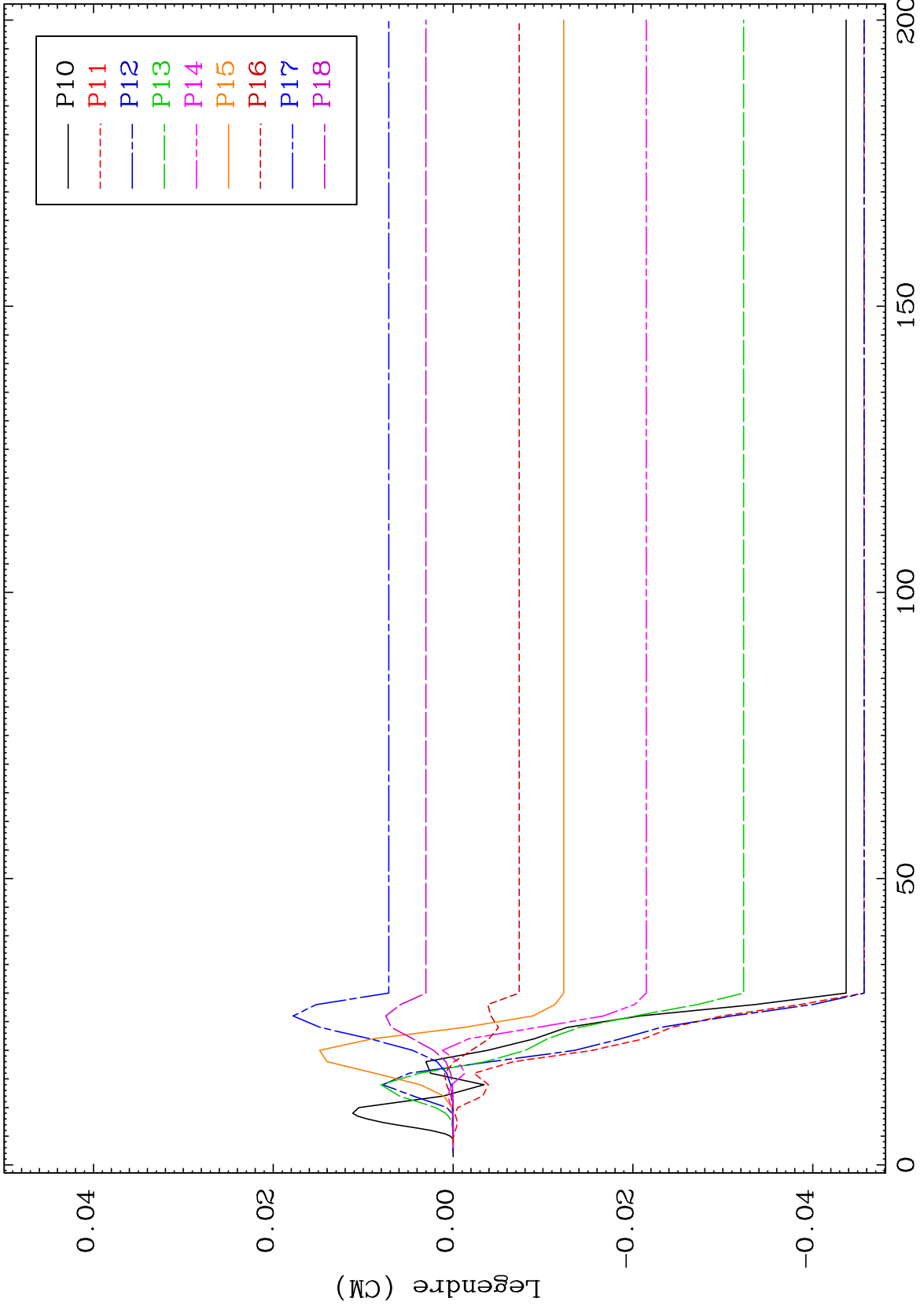
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

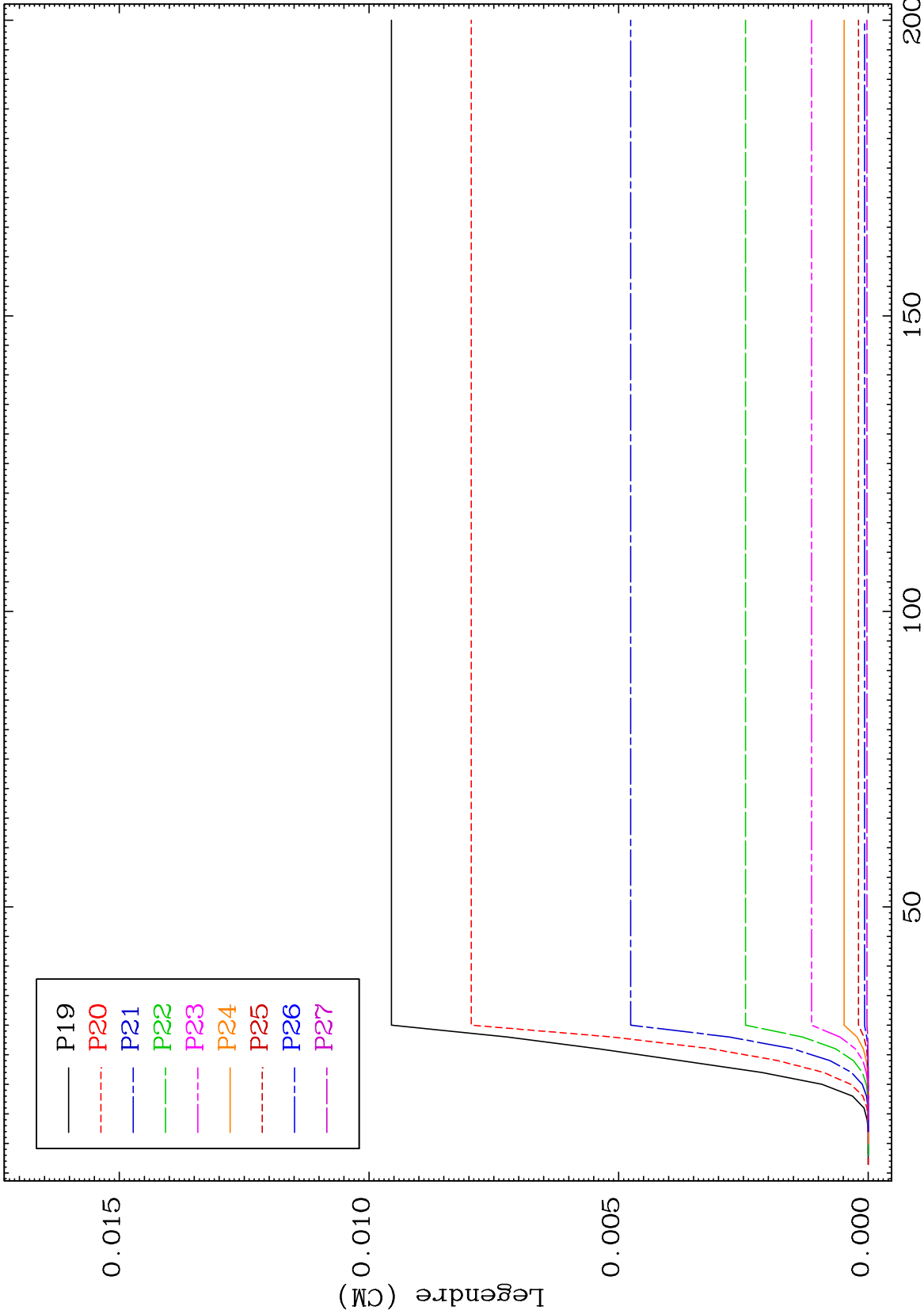
63-Eu-149



65

Incident Energy (MeV)

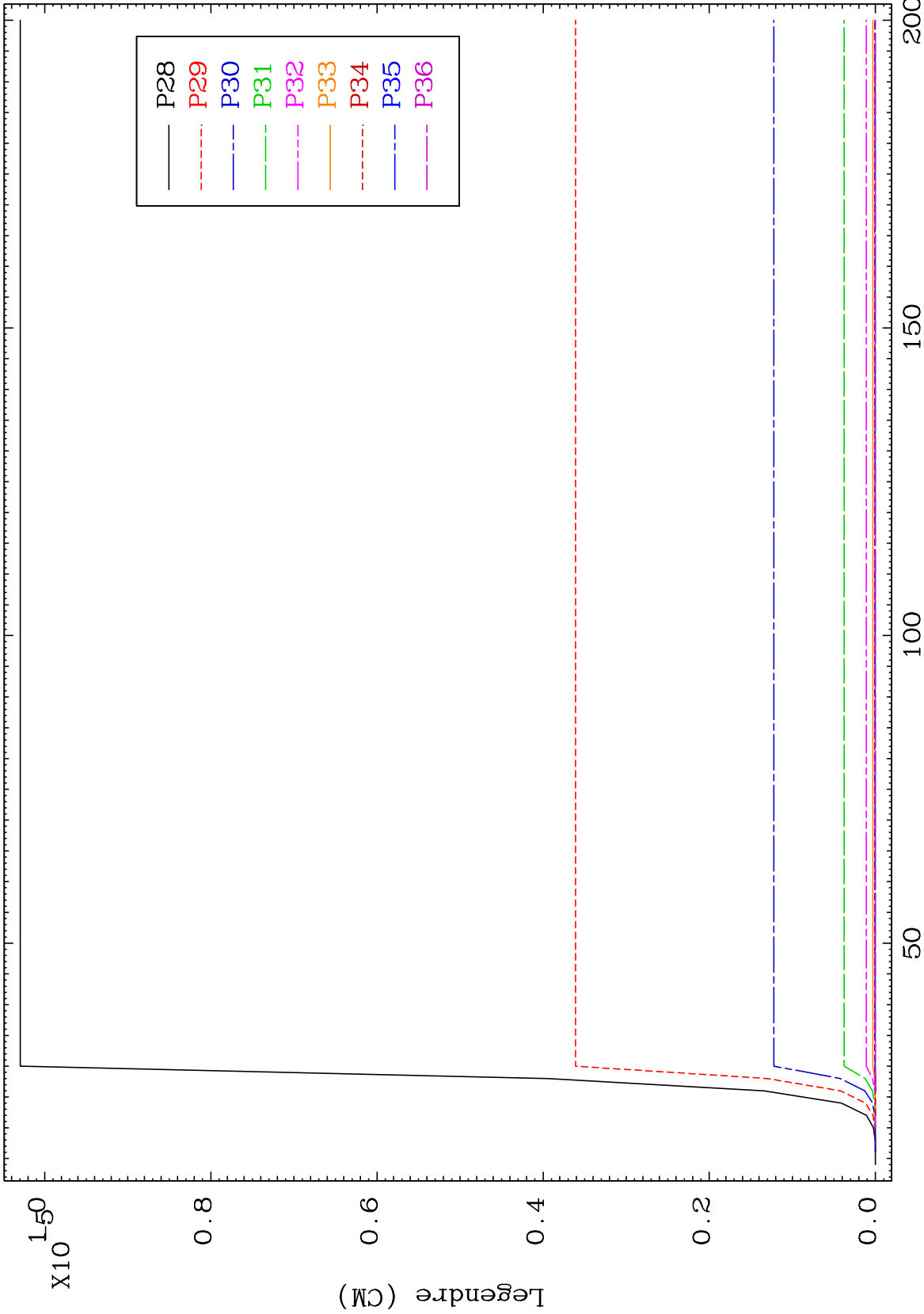
63-Eu-149



MAT 6319

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

63-Eu-149



67

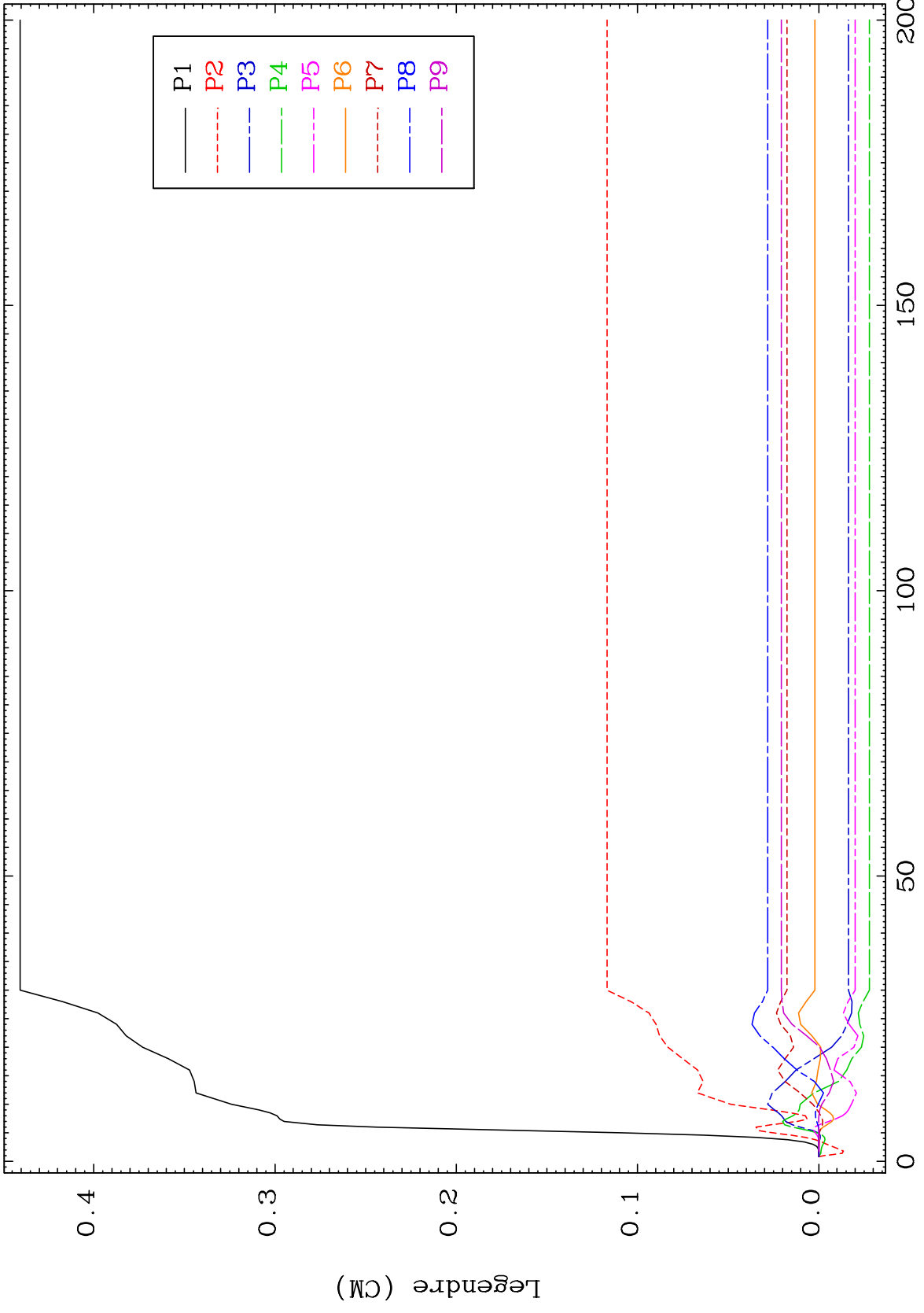
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



68

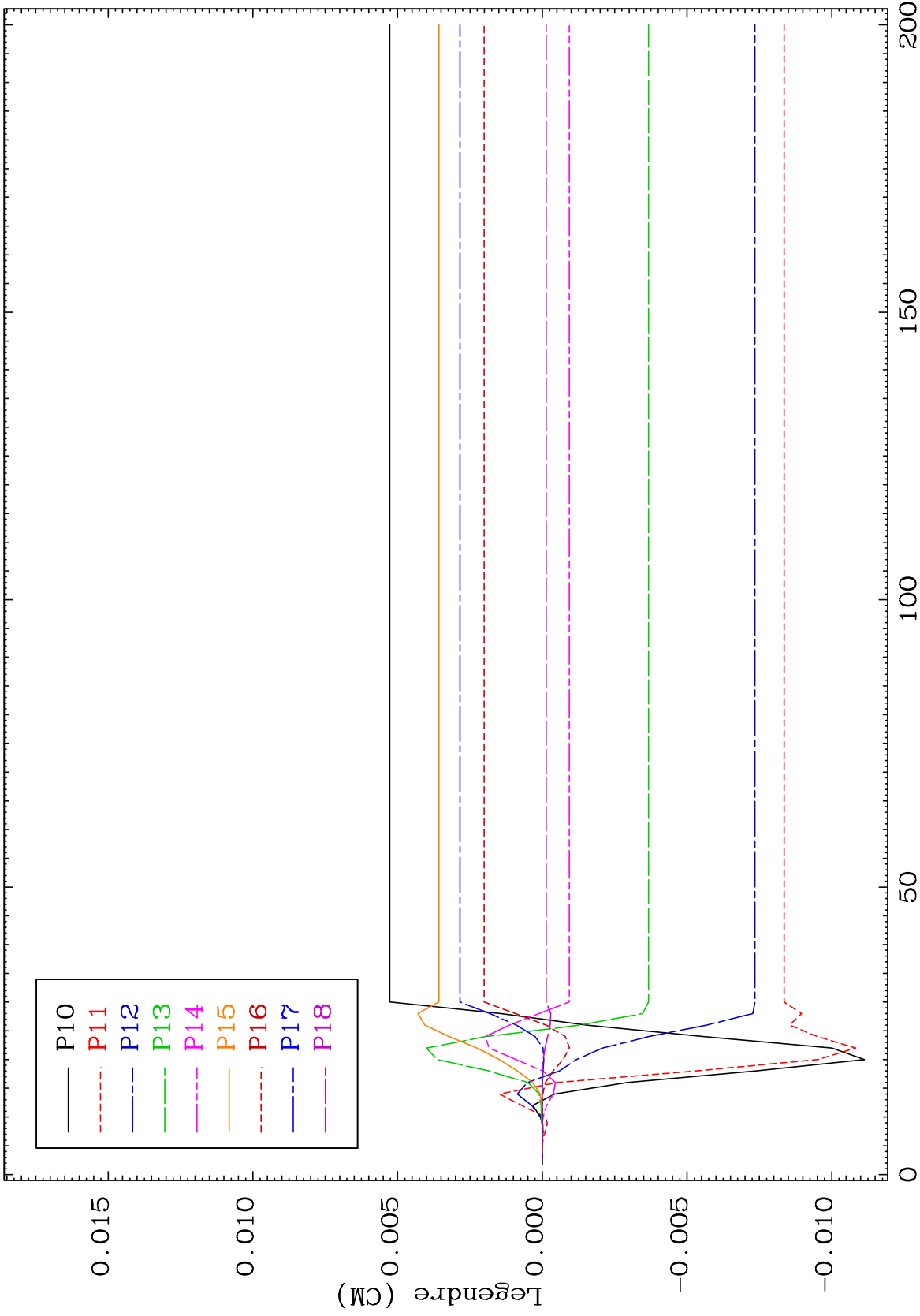
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



69

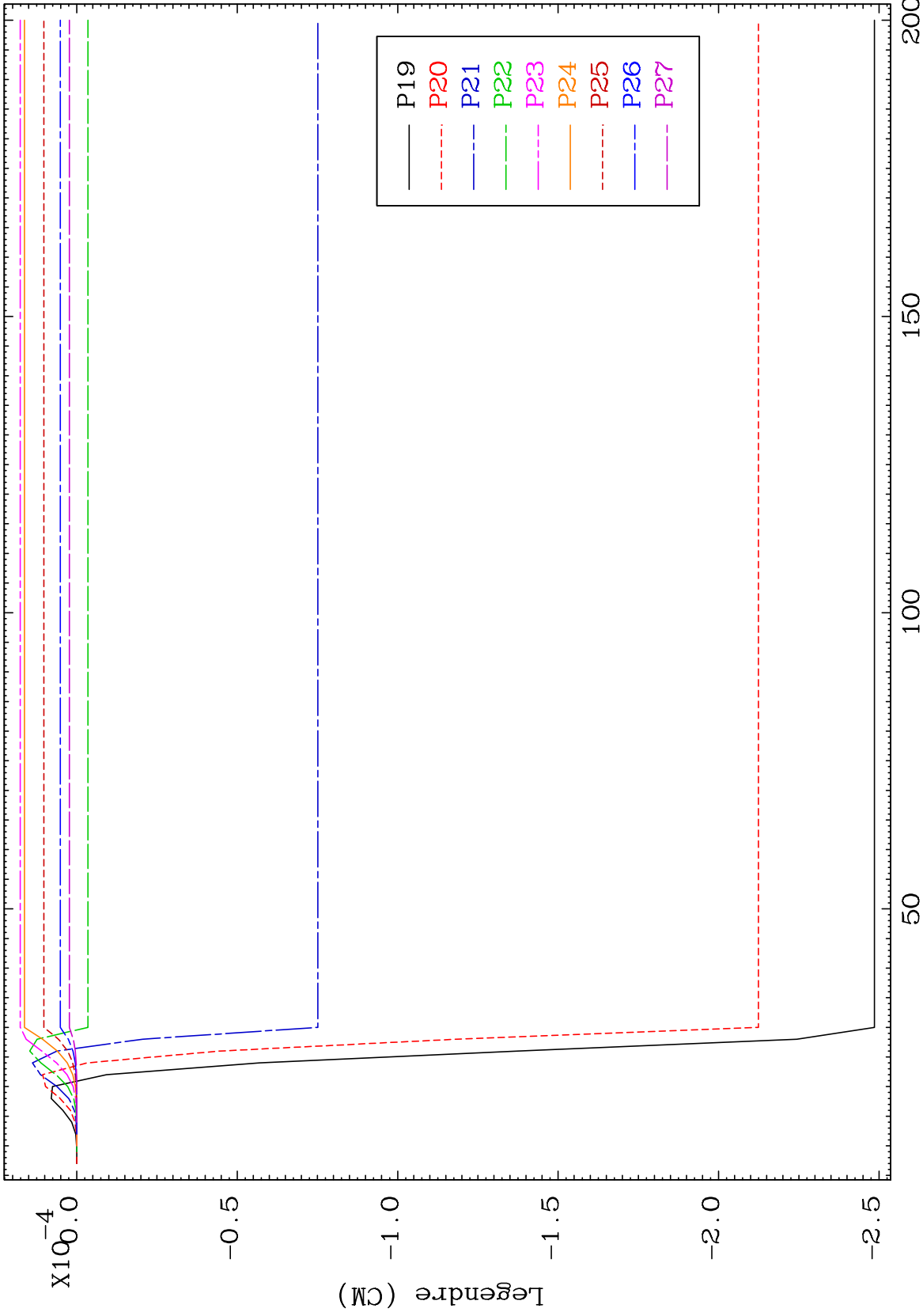
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

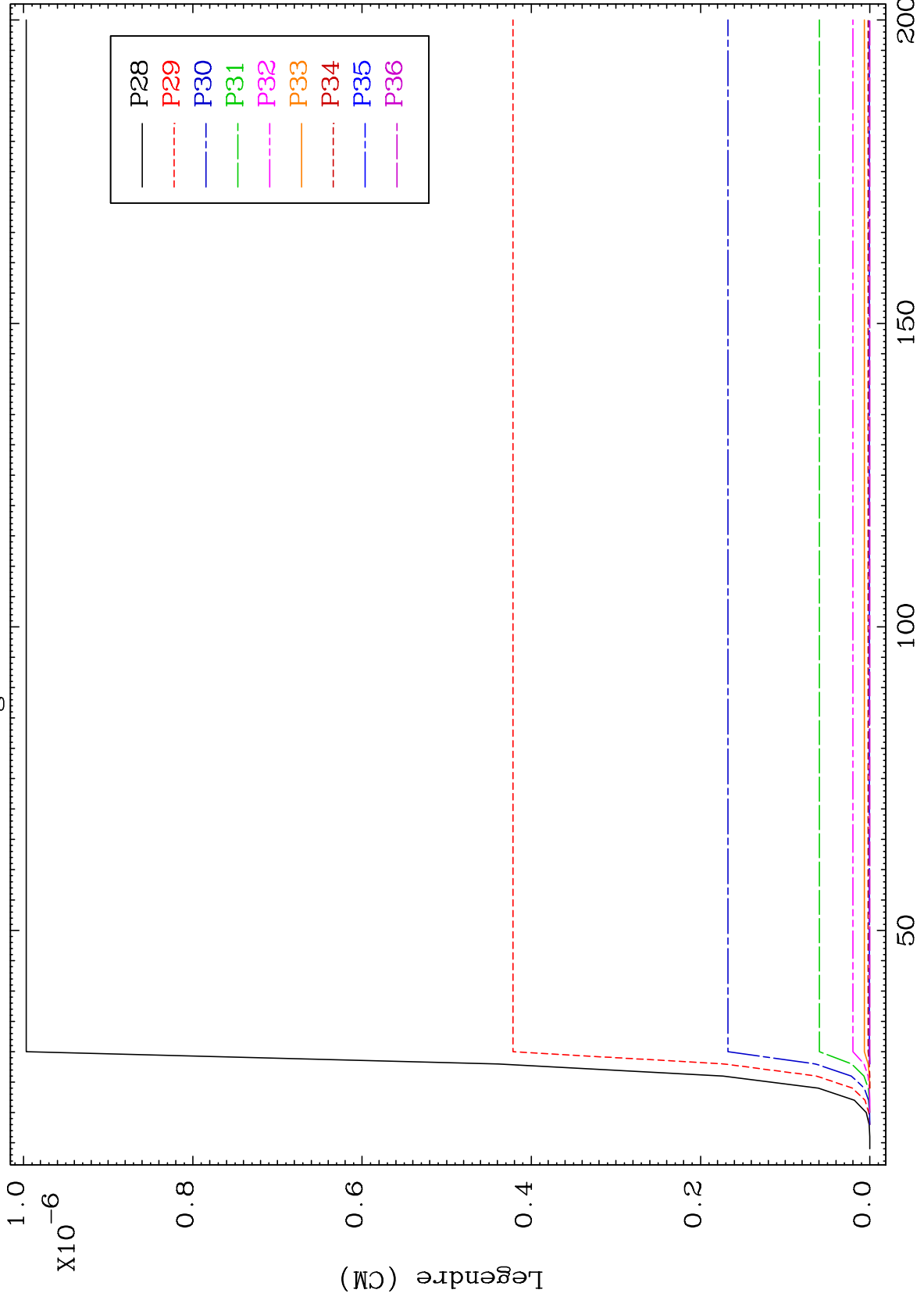
63-Eu-149



63-Eu-149

Incident Energy (MeV)

70

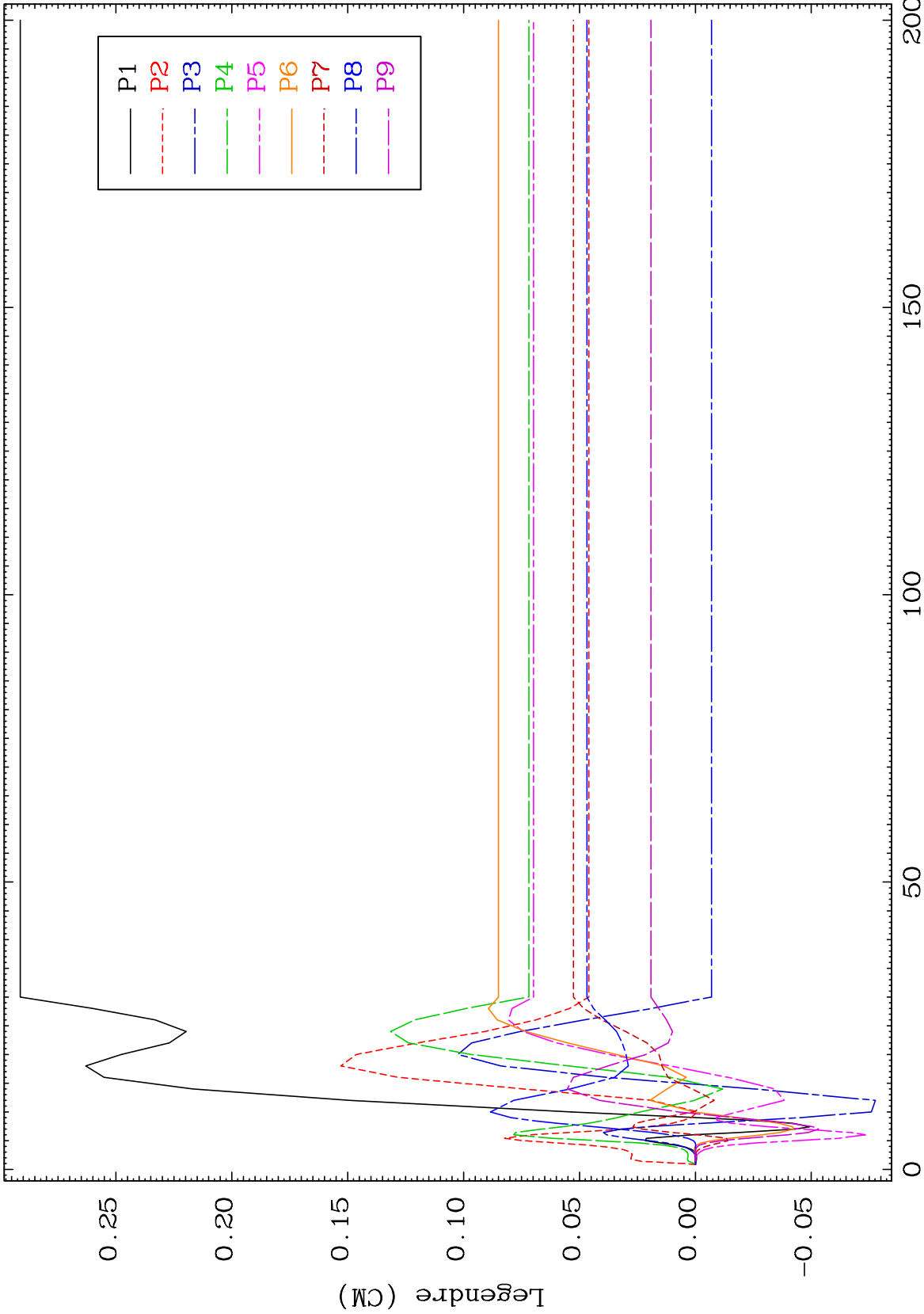




MAT 6319

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

63-Eu-149



72

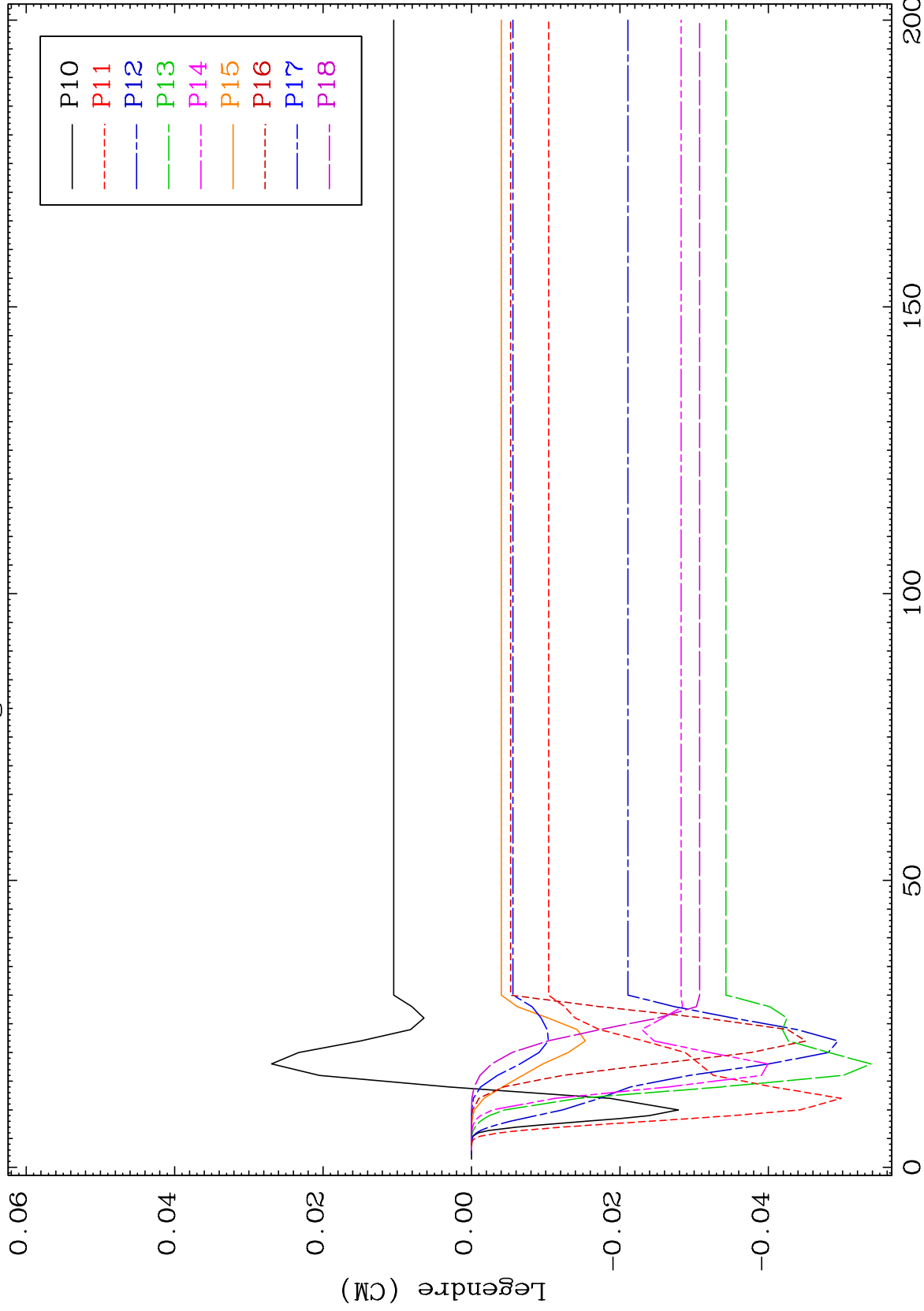
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



73

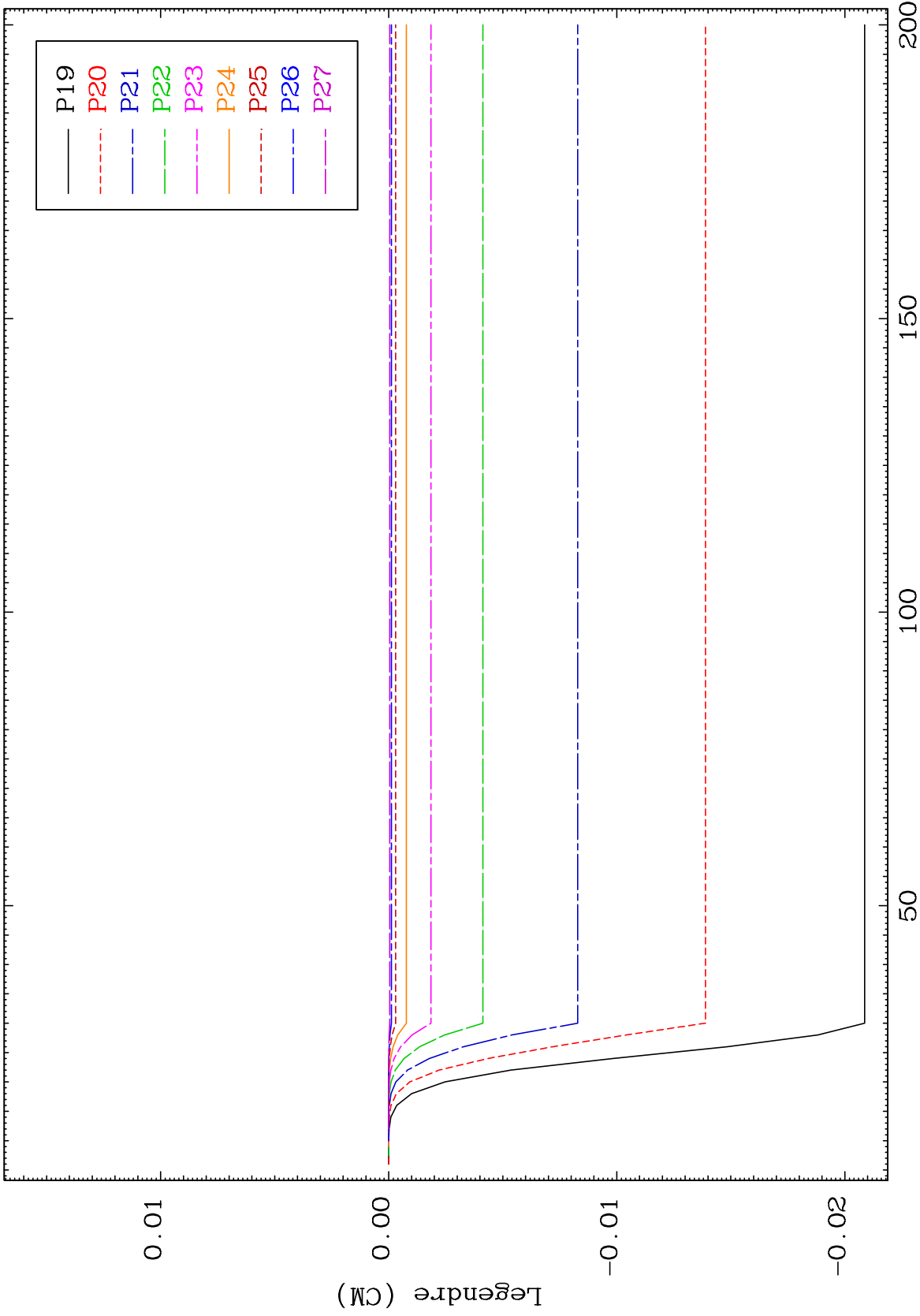
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



74

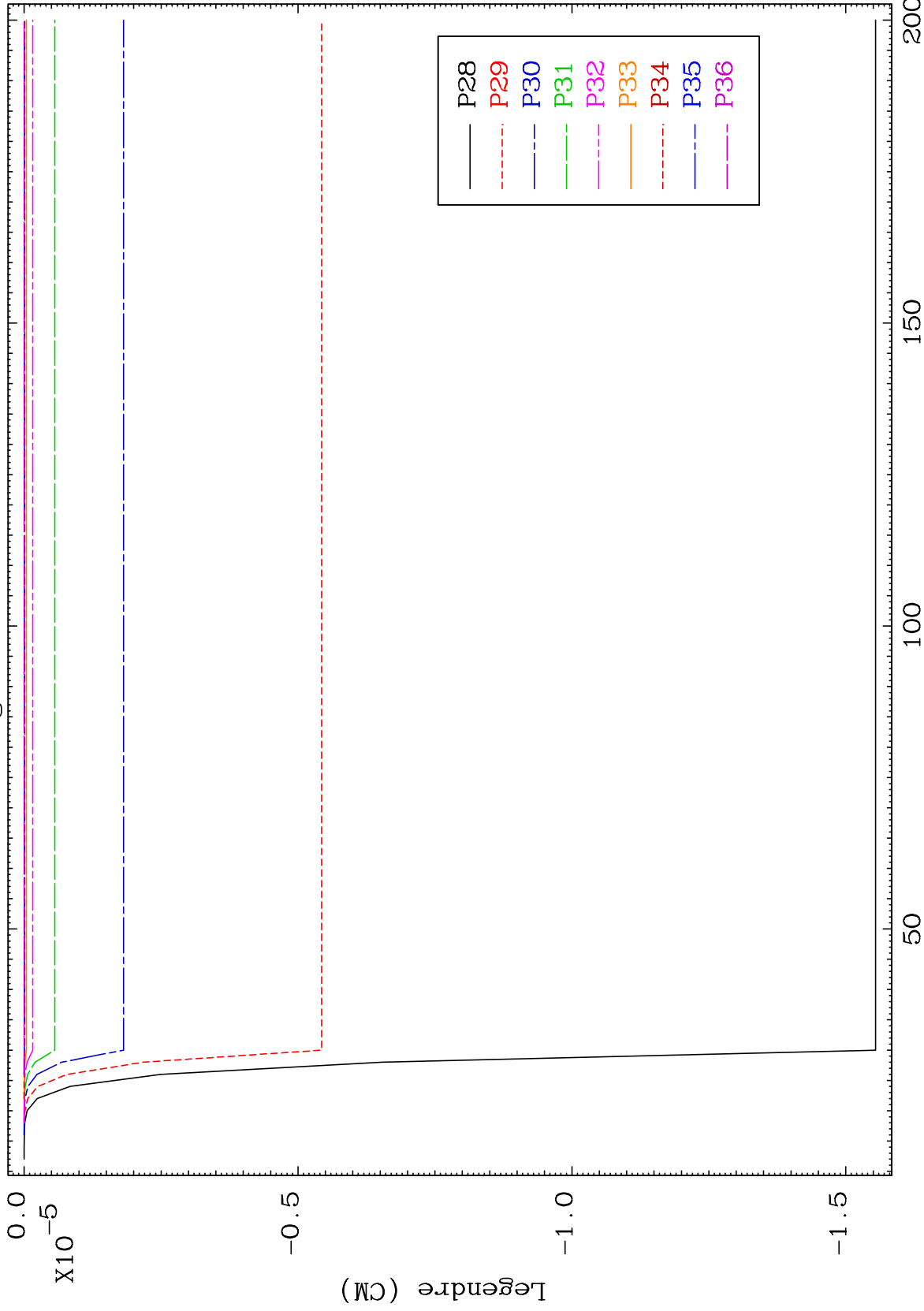
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

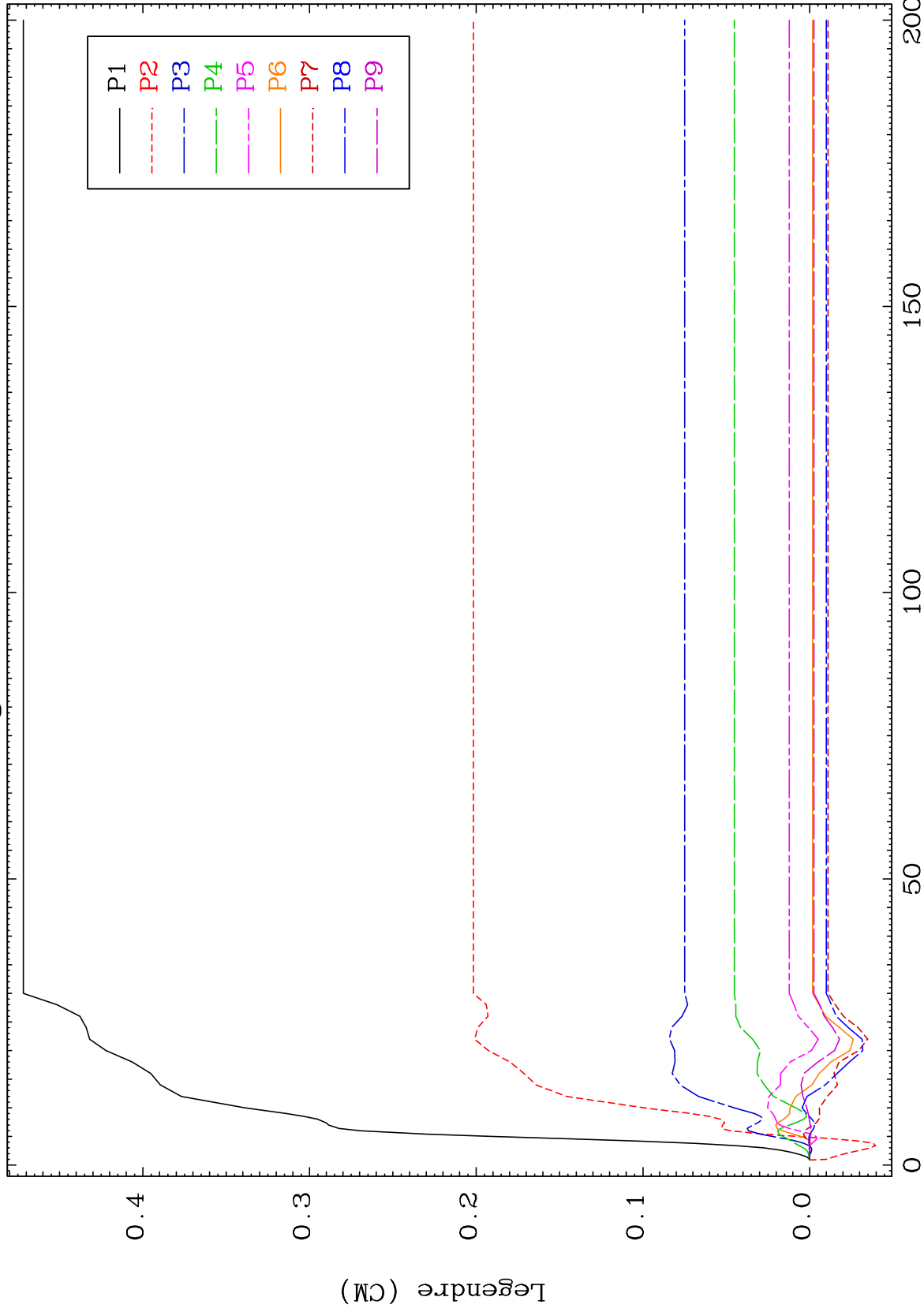
Incident Energy (MeV)

75

MAT 6319

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

63-Eu-149



76

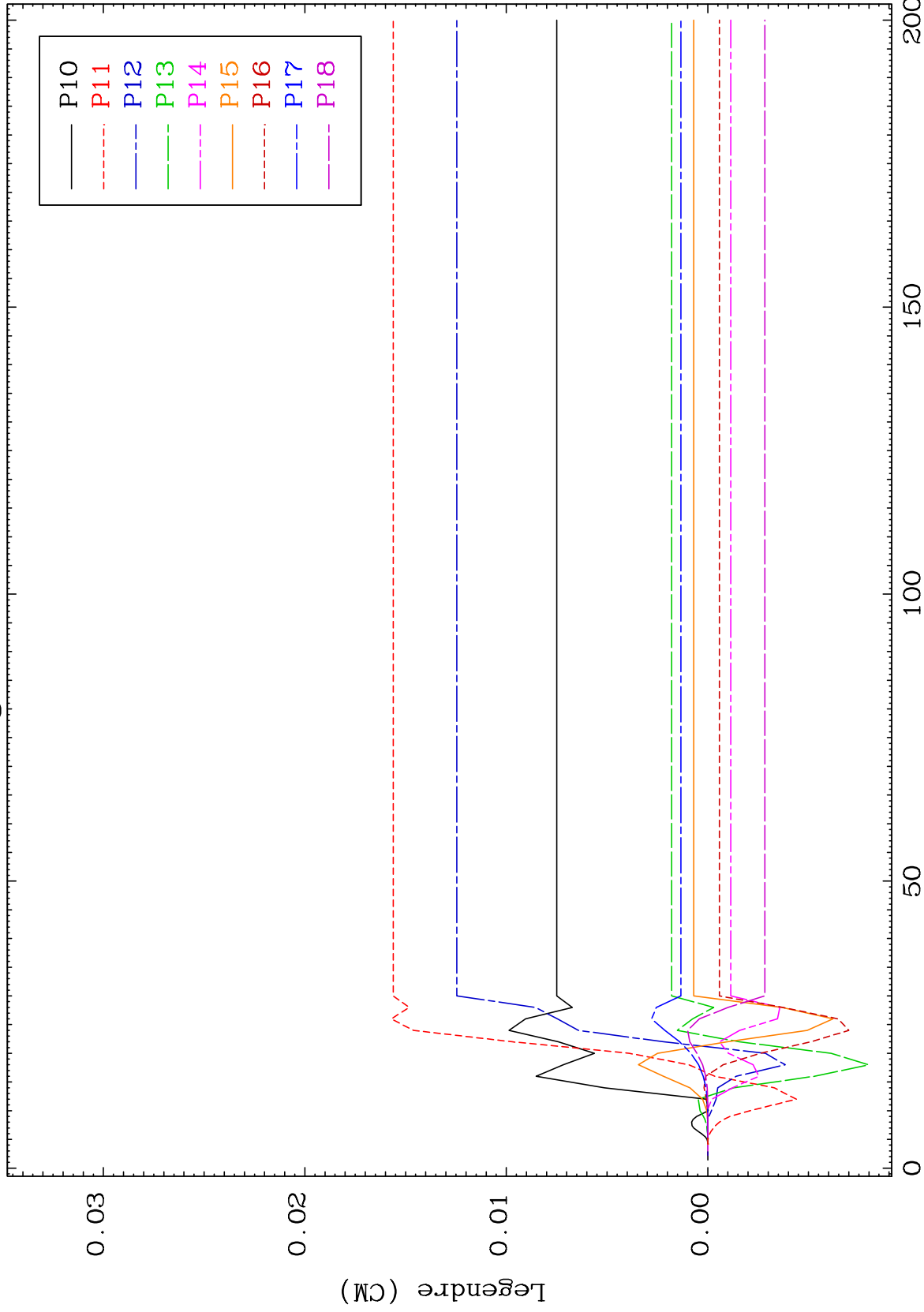
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



77

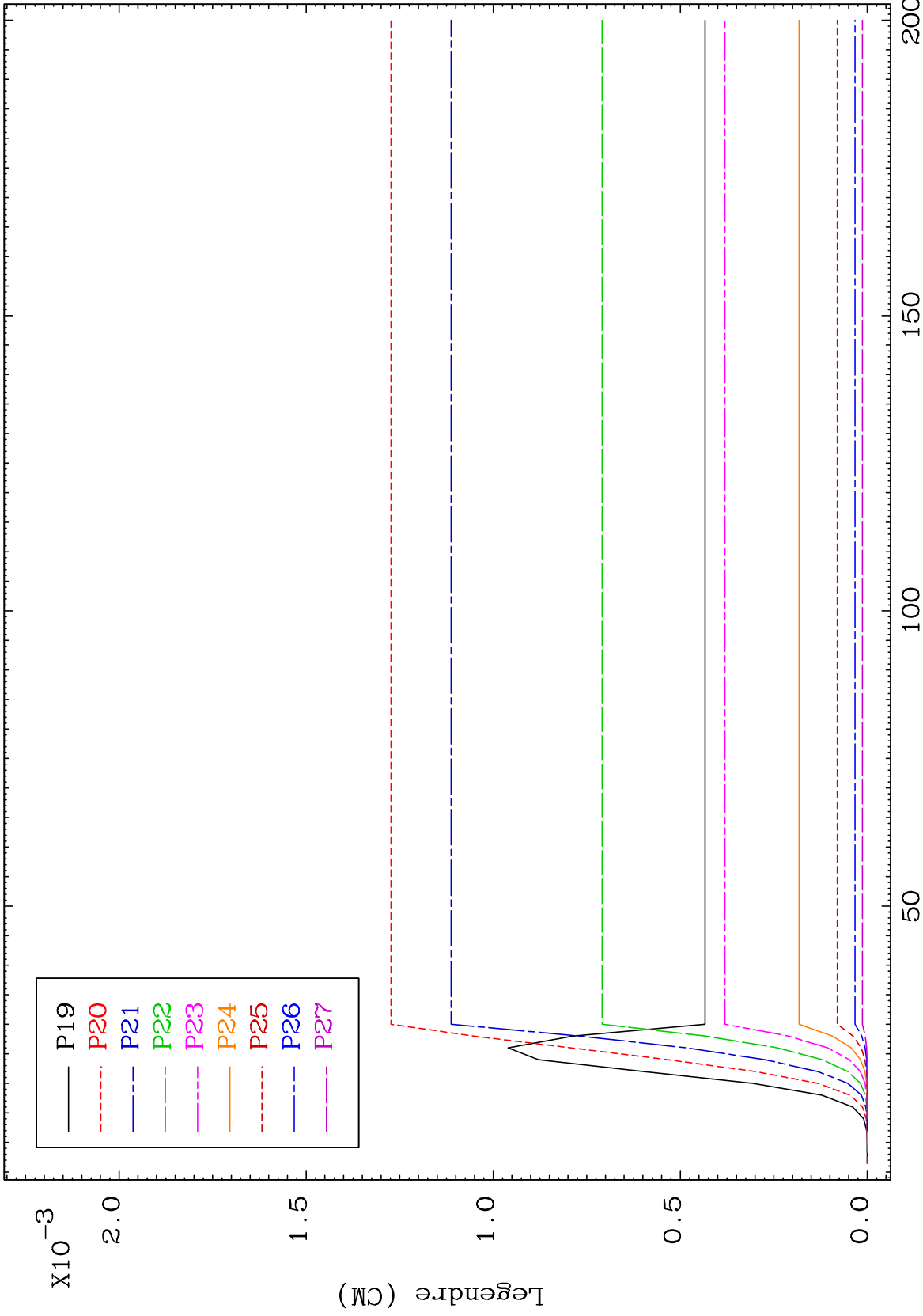
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



78

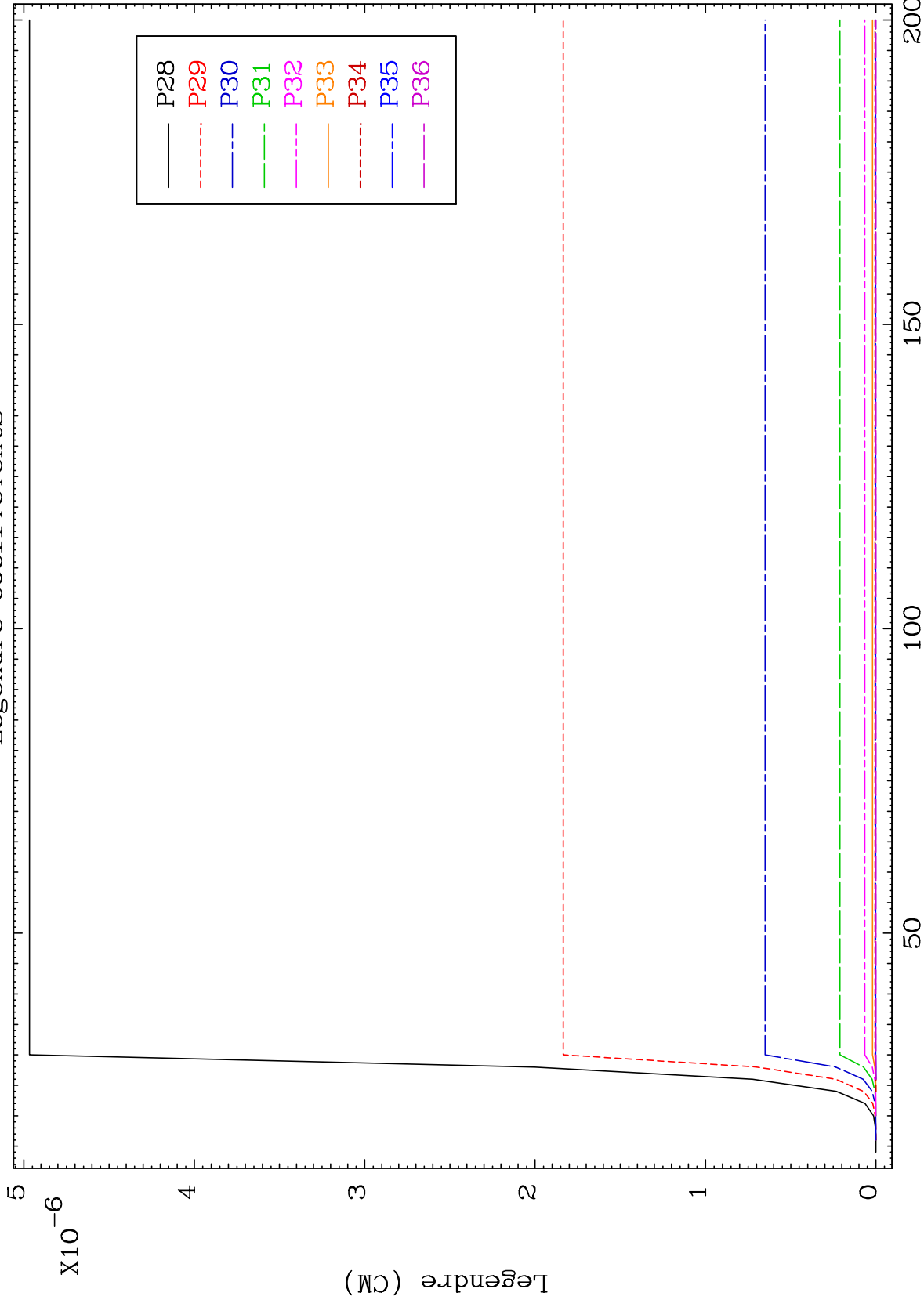
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



79

Incident Energy (MeV)

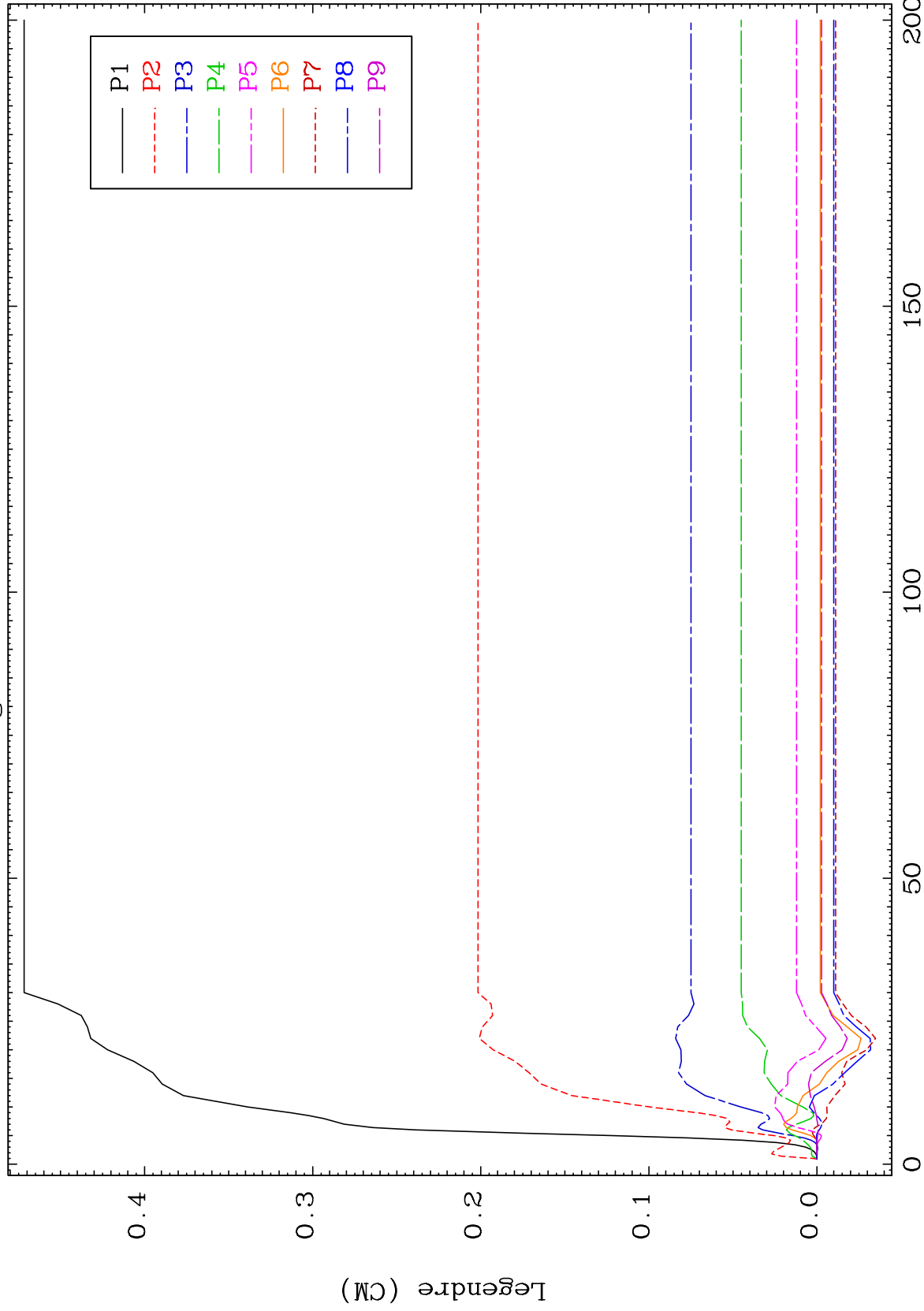
63-Eu-149



MAT 6319

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

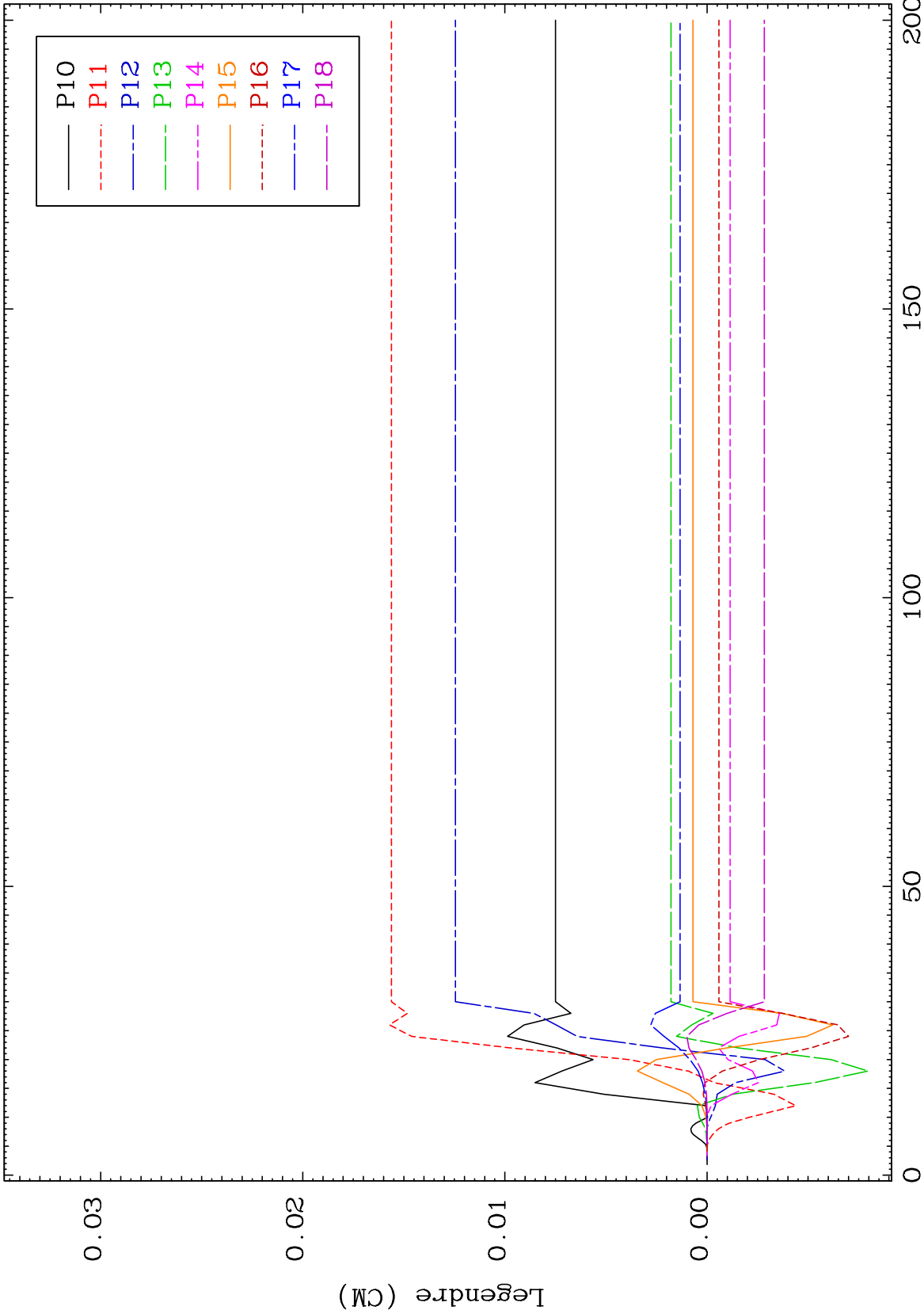
63-Eu-149



MAT 6319

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

63-Eu-149



81

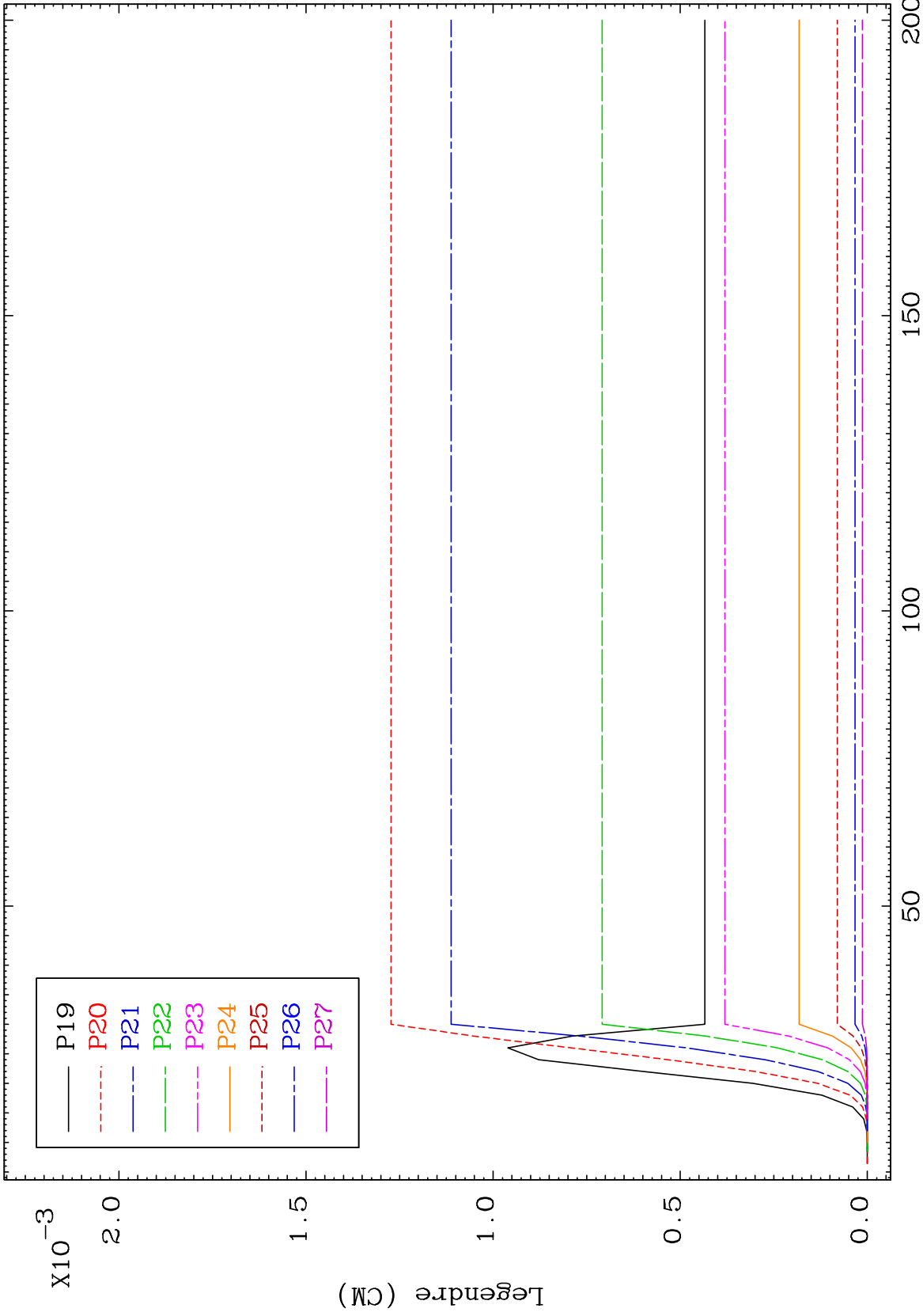
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



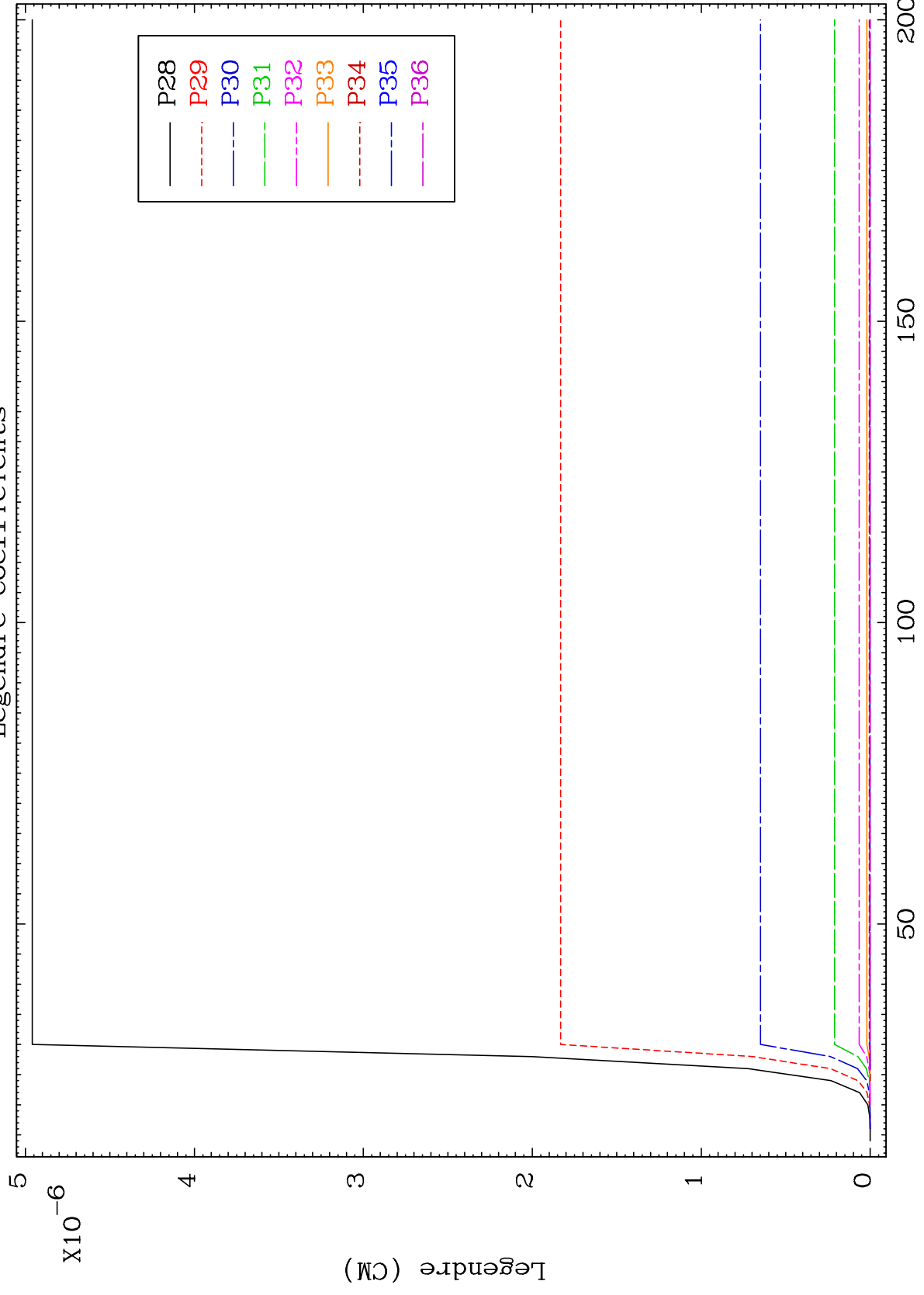
82

63-Eu-149

MAT 6319

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

63-Eu-149



83

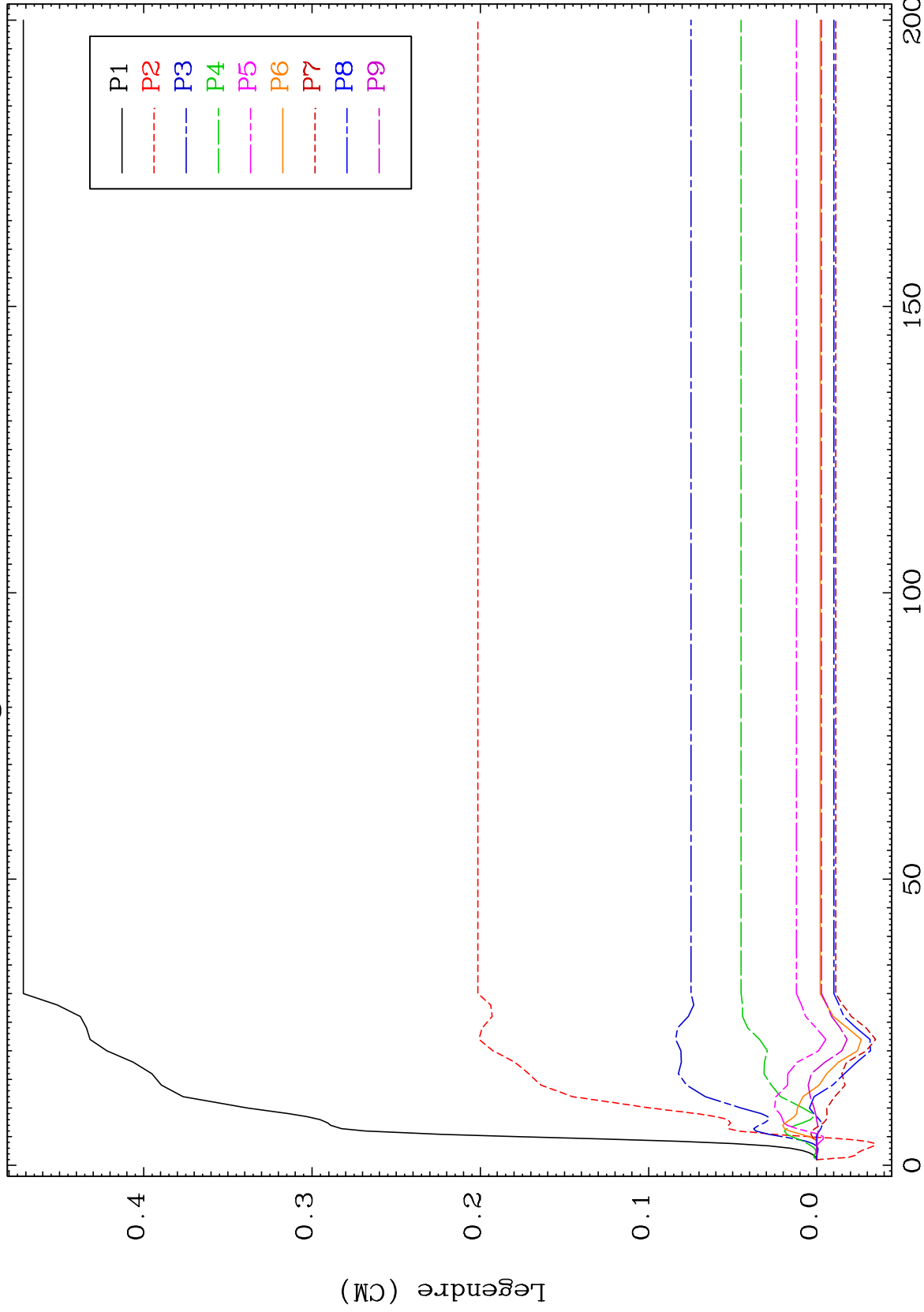
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



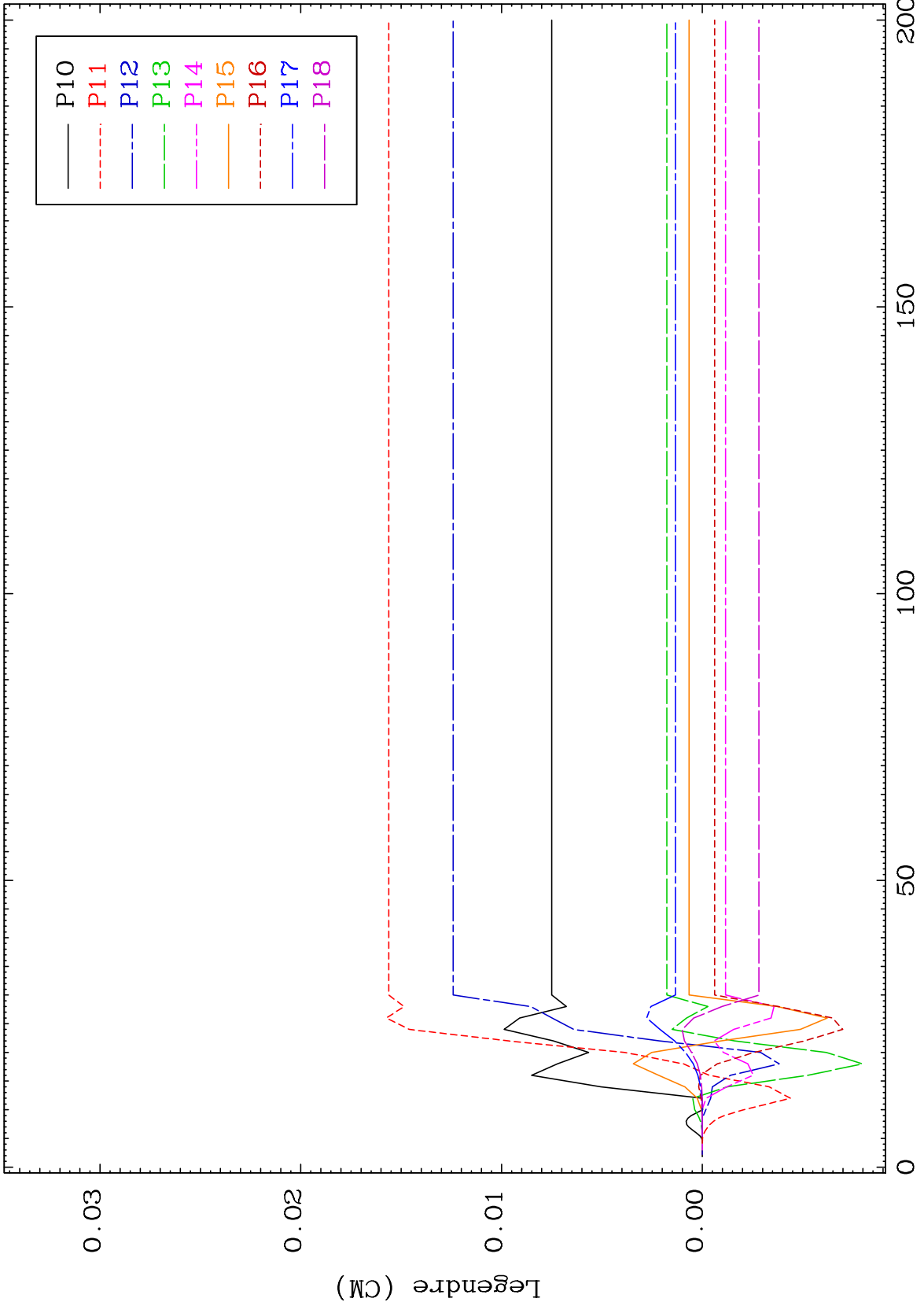
84

63-Eu-149

MAT 6319

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

63-Eu-149



85

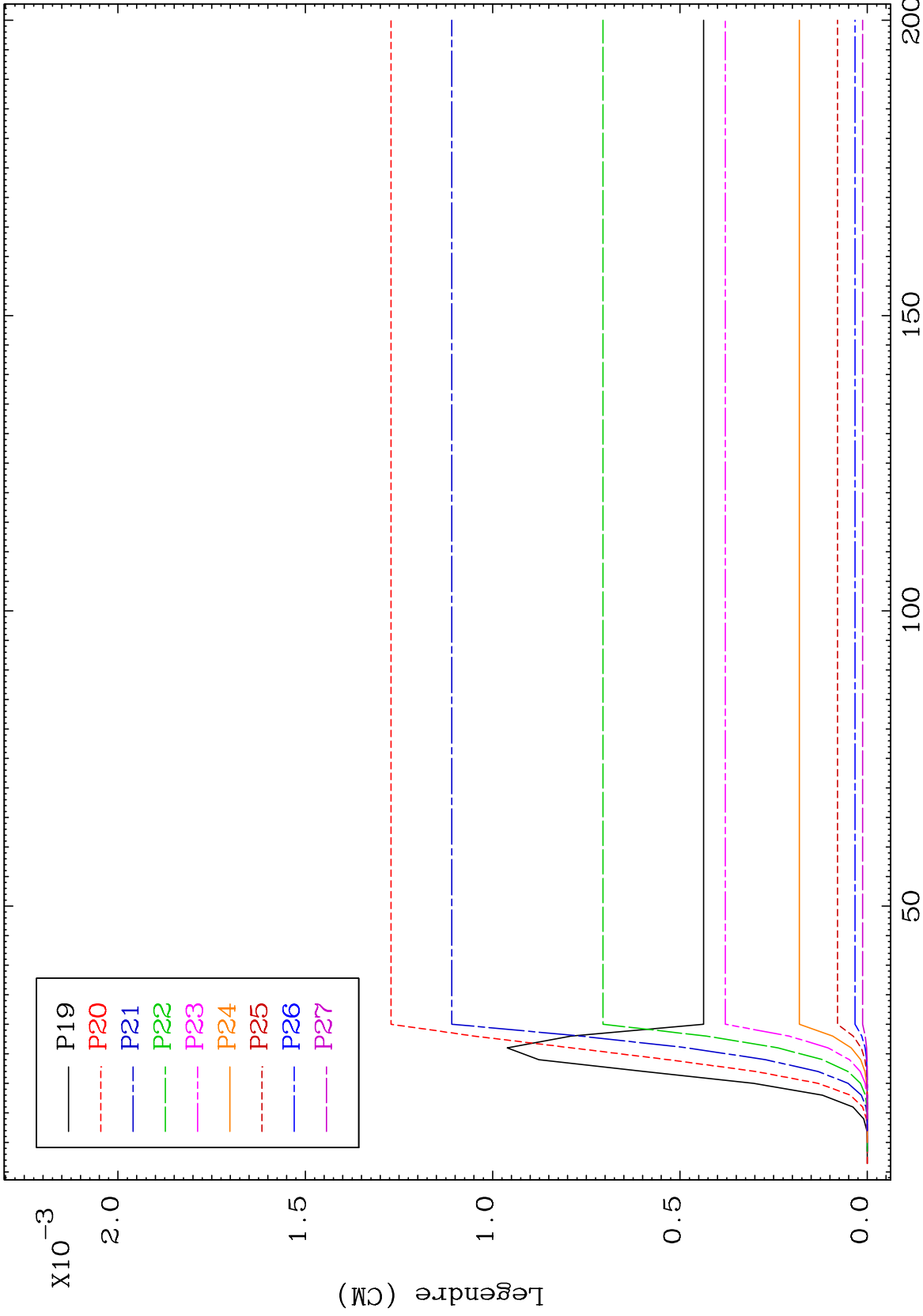
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



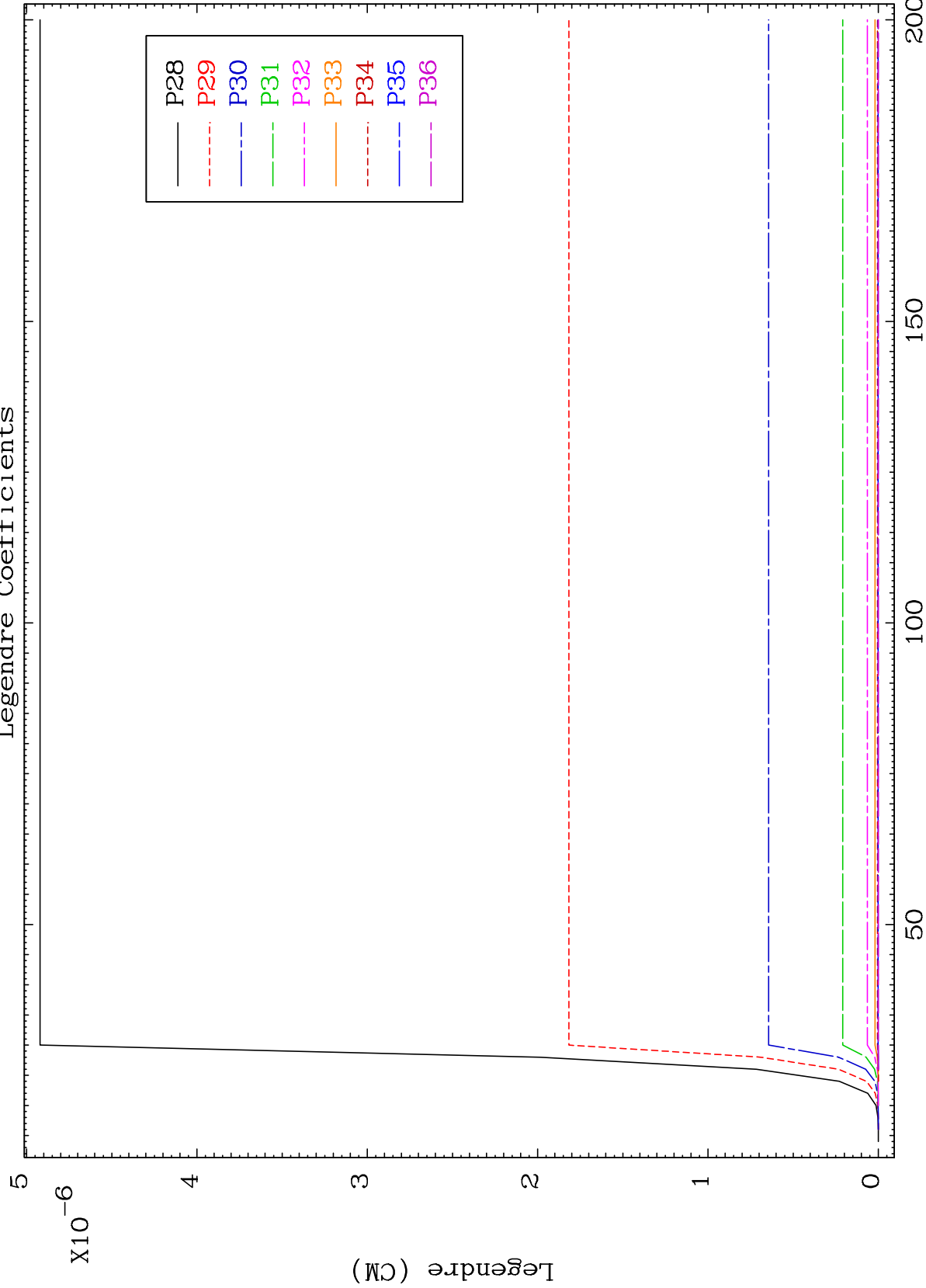
86

63-Eu-149

MAT 6319

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

63-Eu-149



87

Incident Energy (MeV)

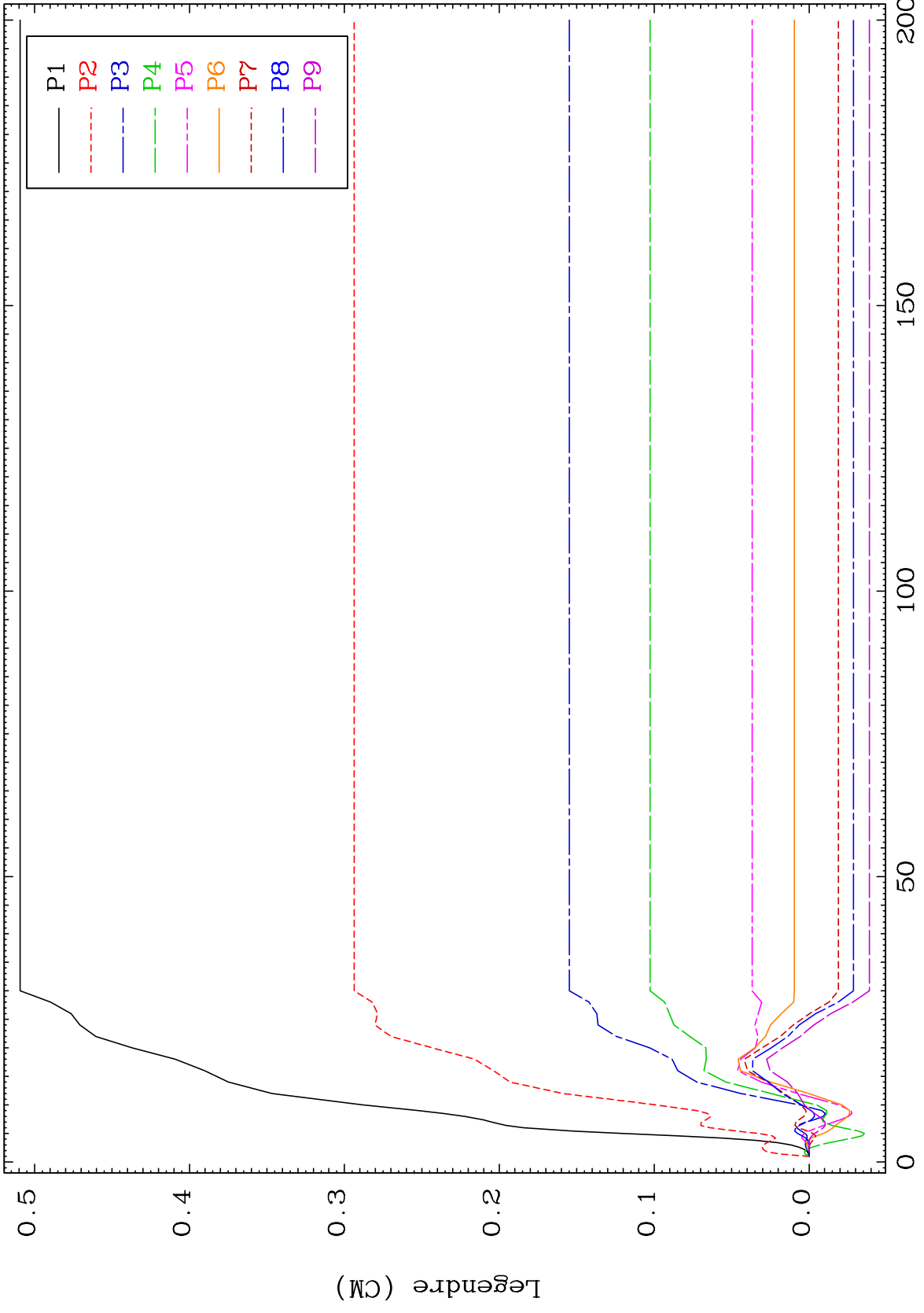
63-Eu-149



MAT 6319

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

63-Eu-149



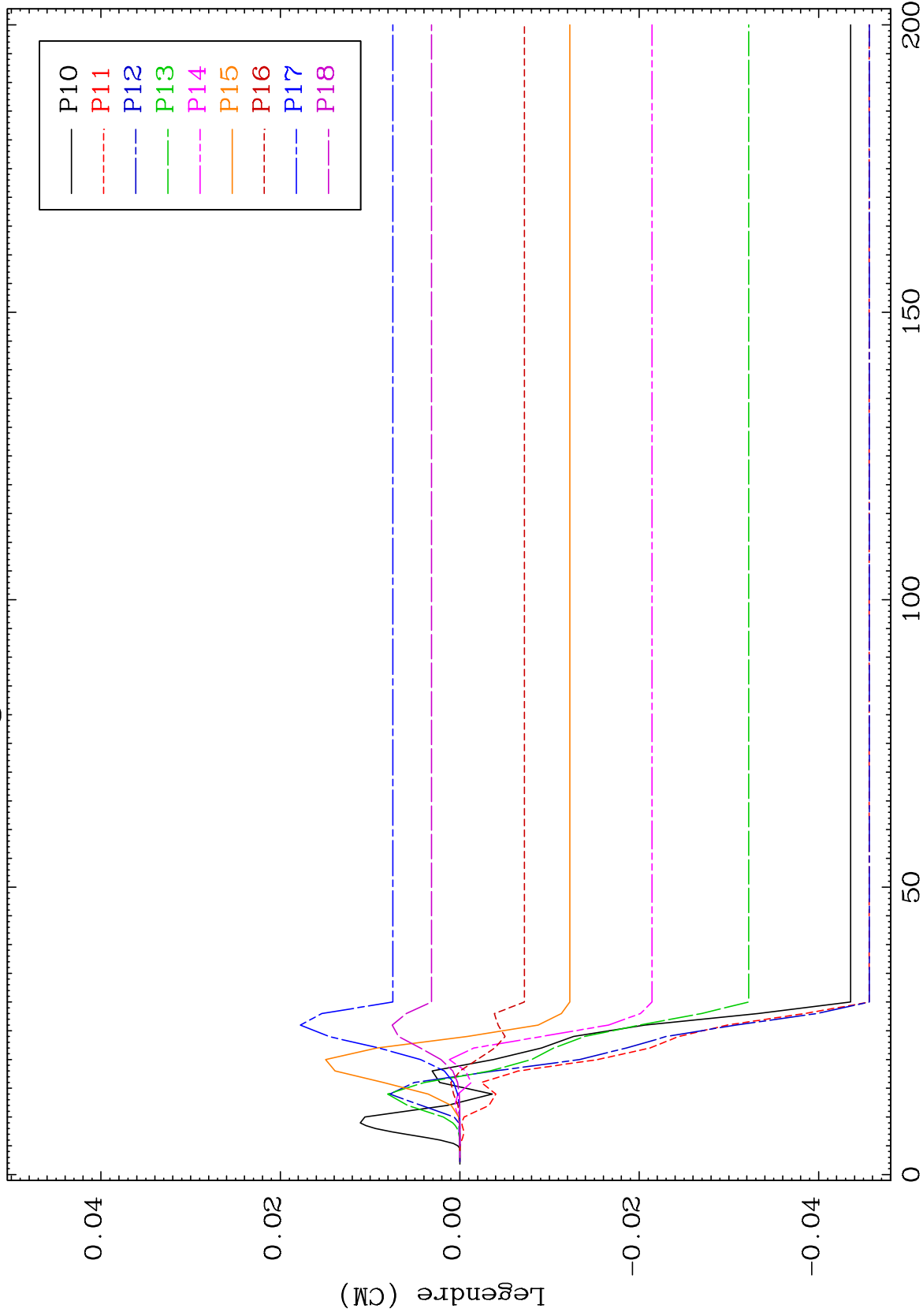
88

63-Eu-149

MAT 6319

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

63-Eu-149



89

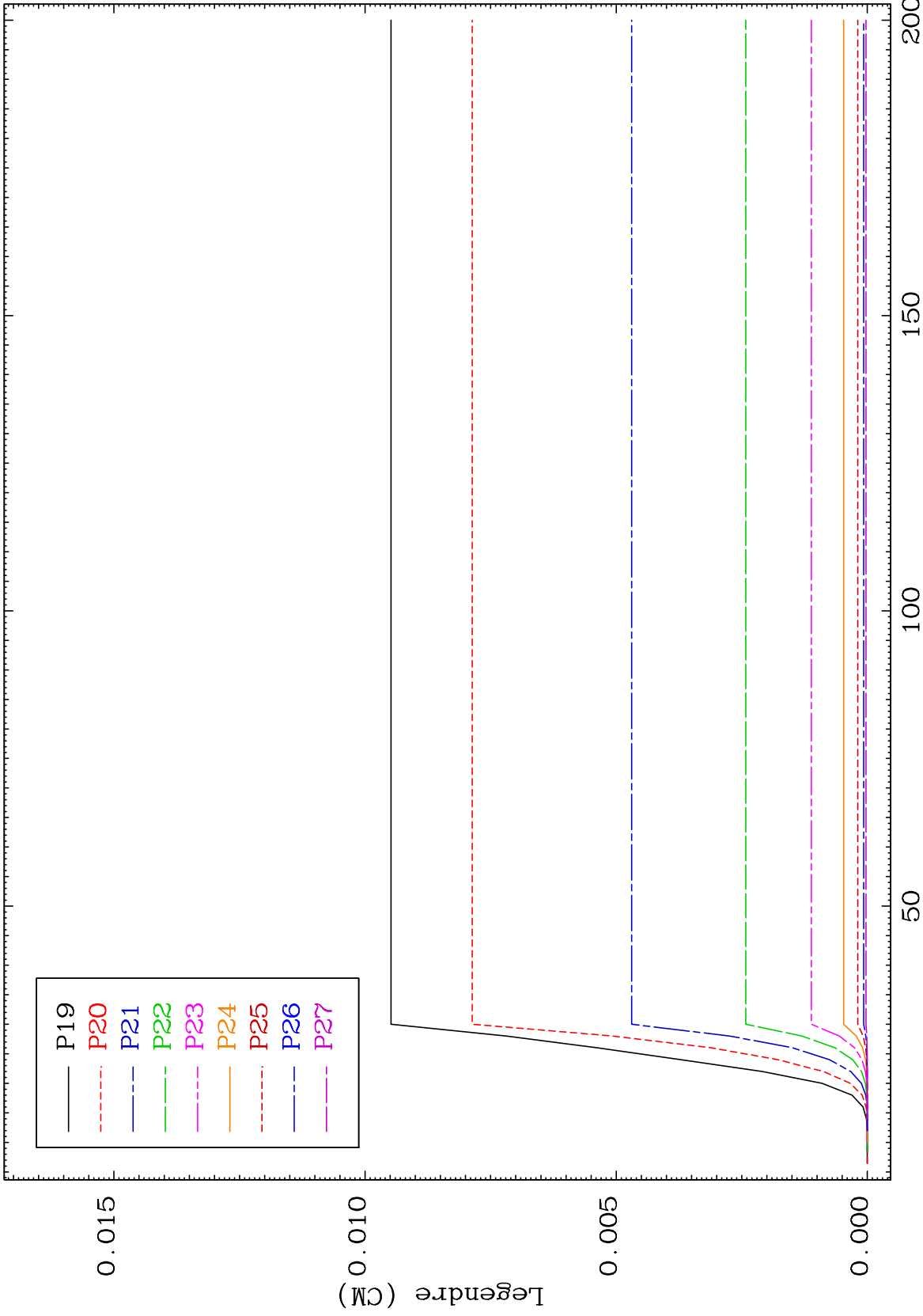
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



90

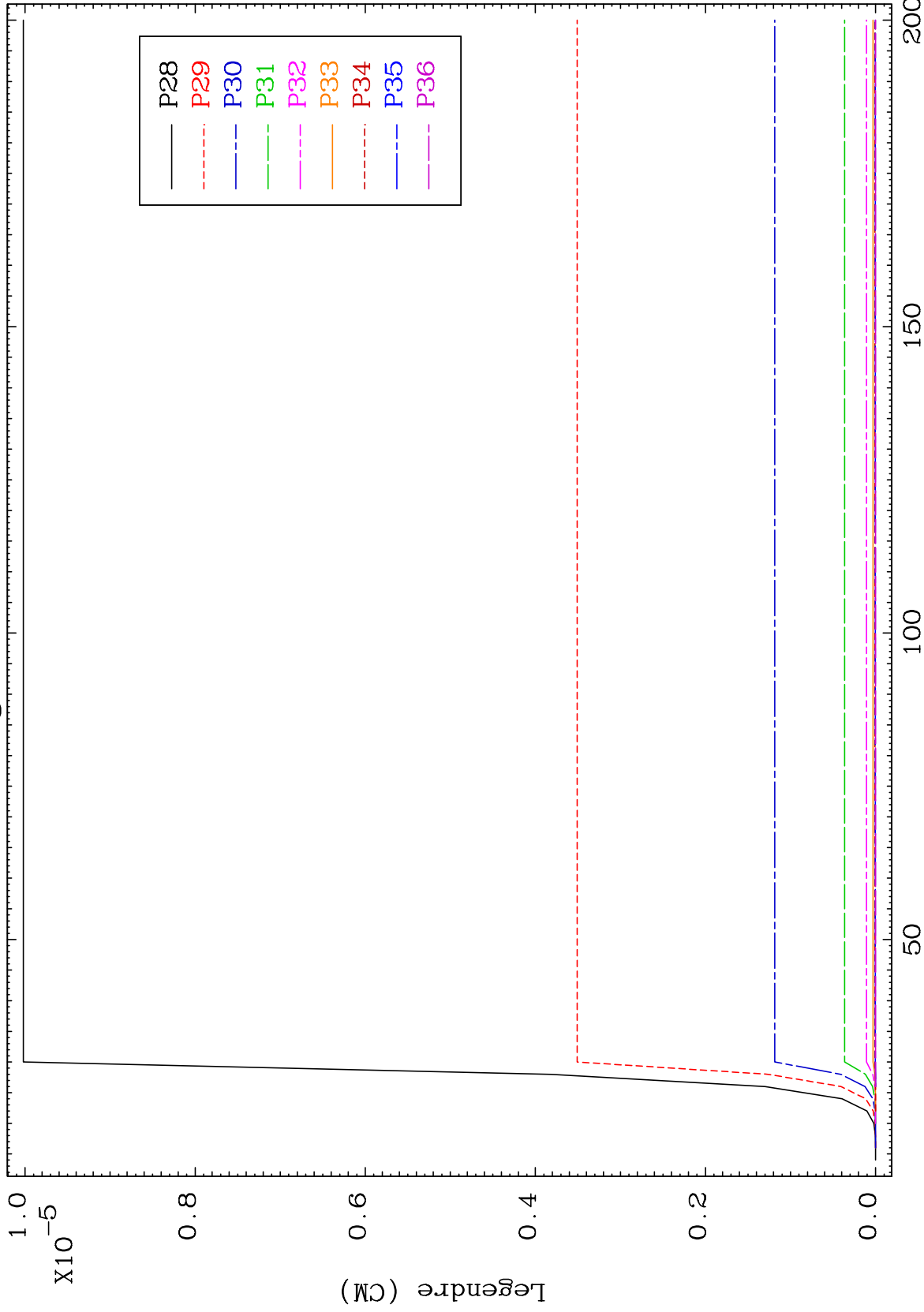
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



91

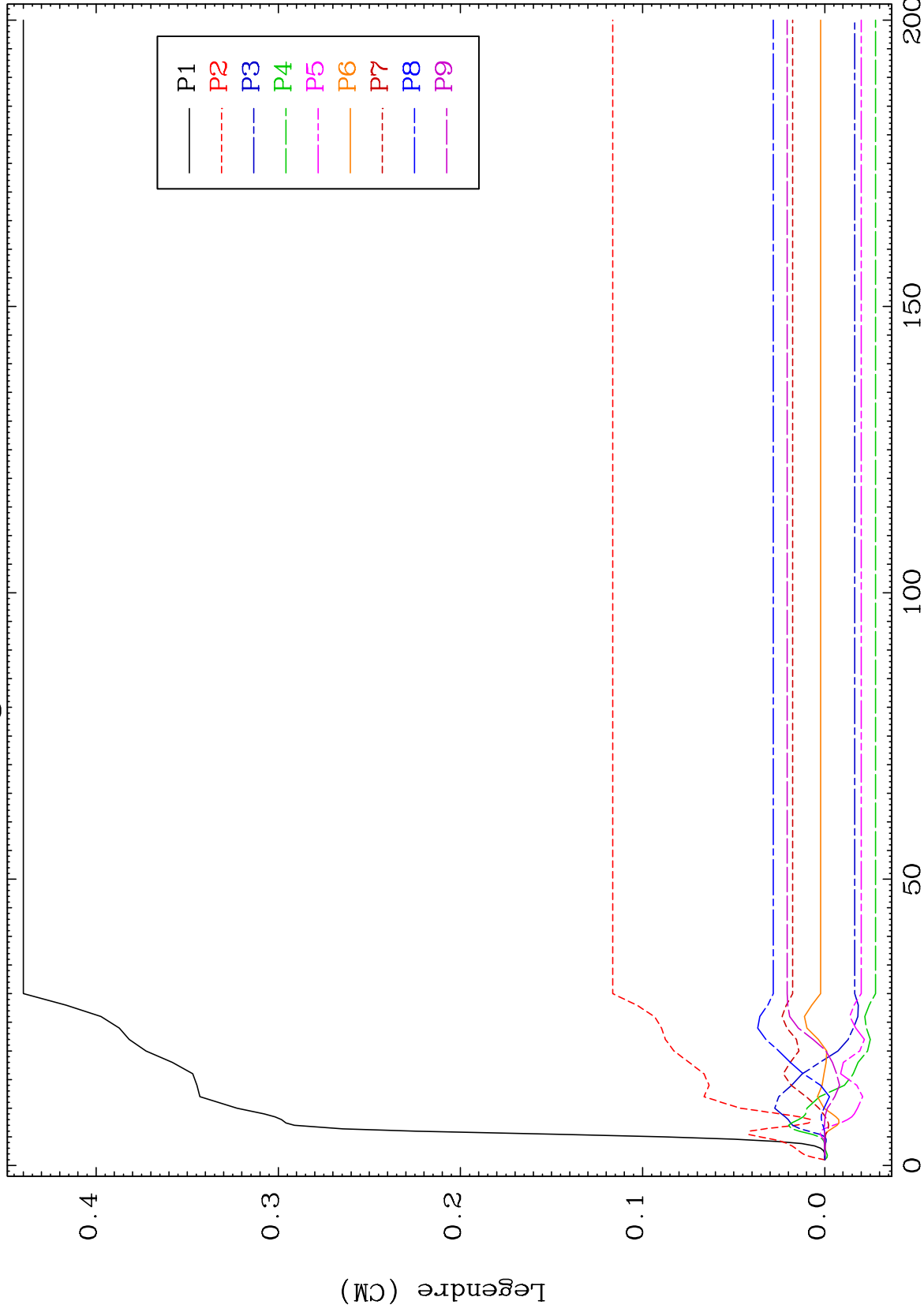
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



92

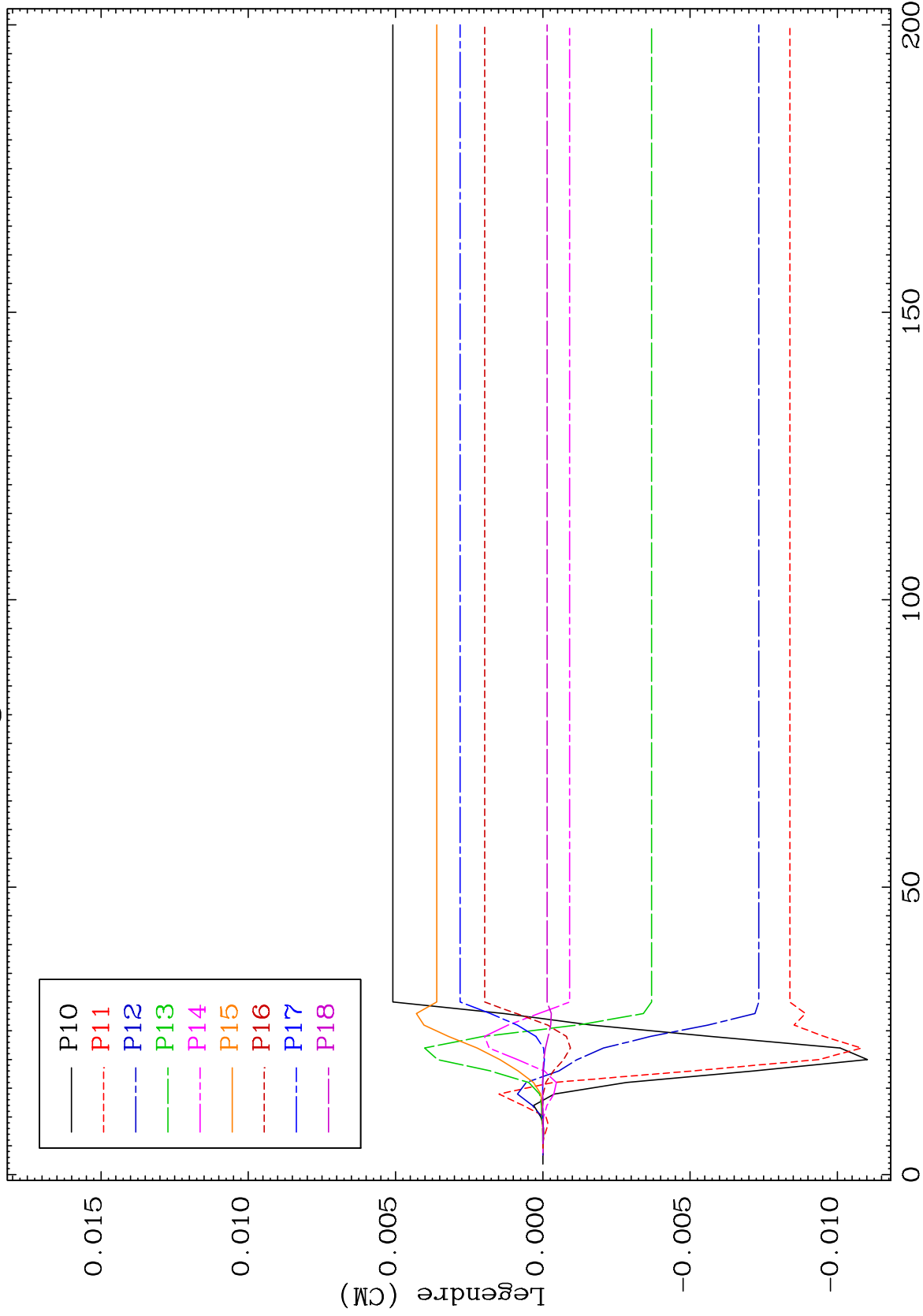
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



93

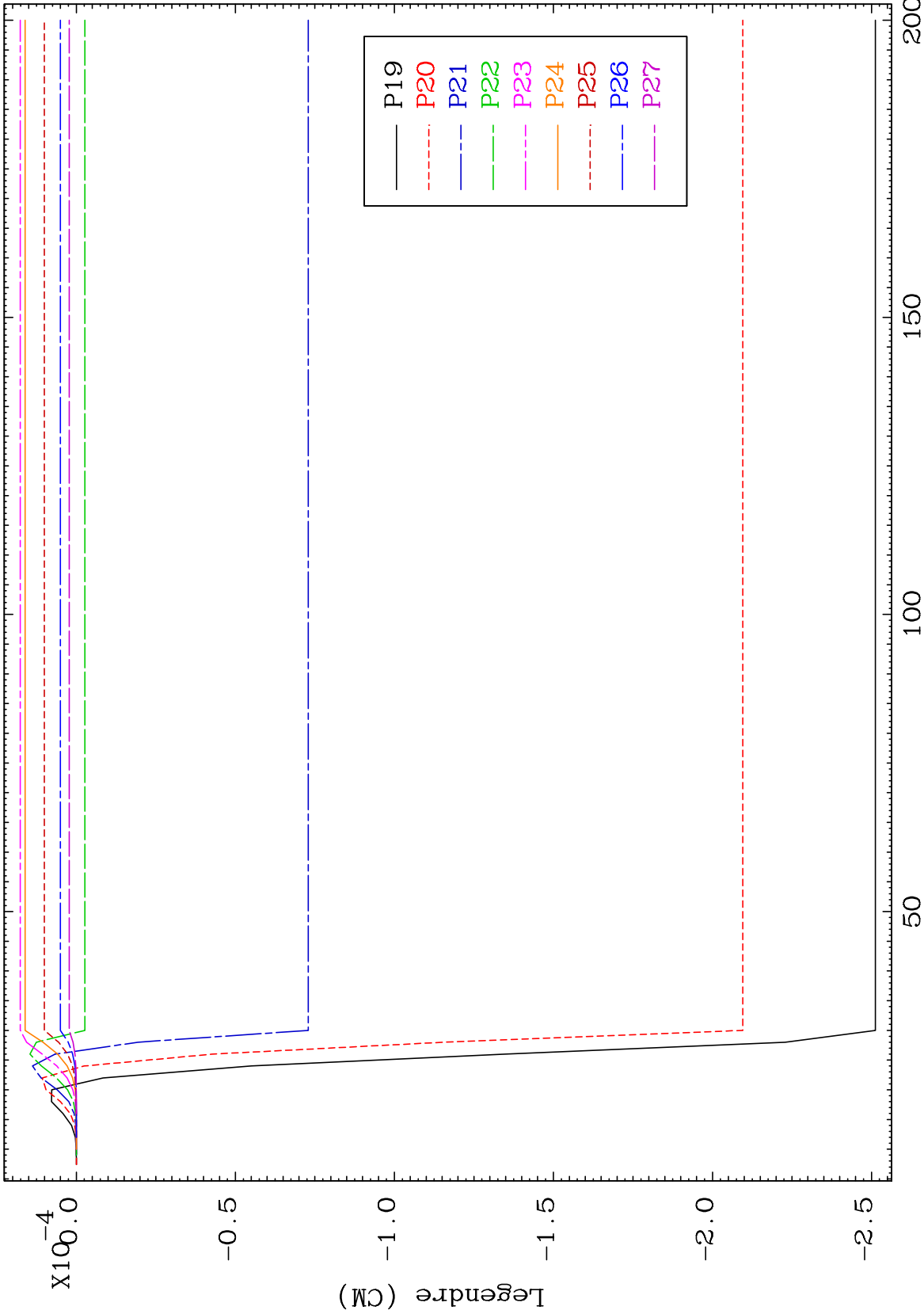
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



94

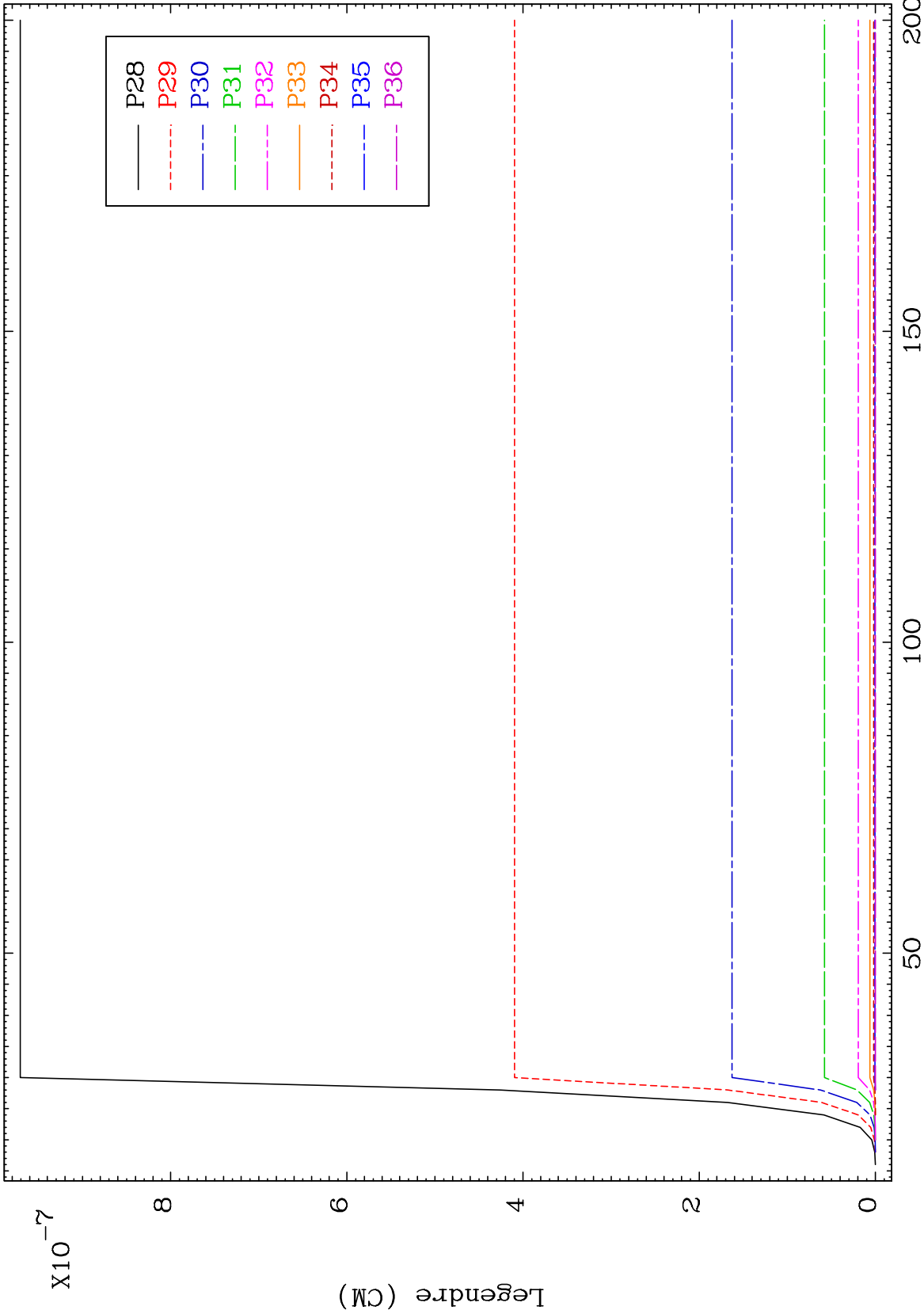
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



95

Incident Energy (MeV)

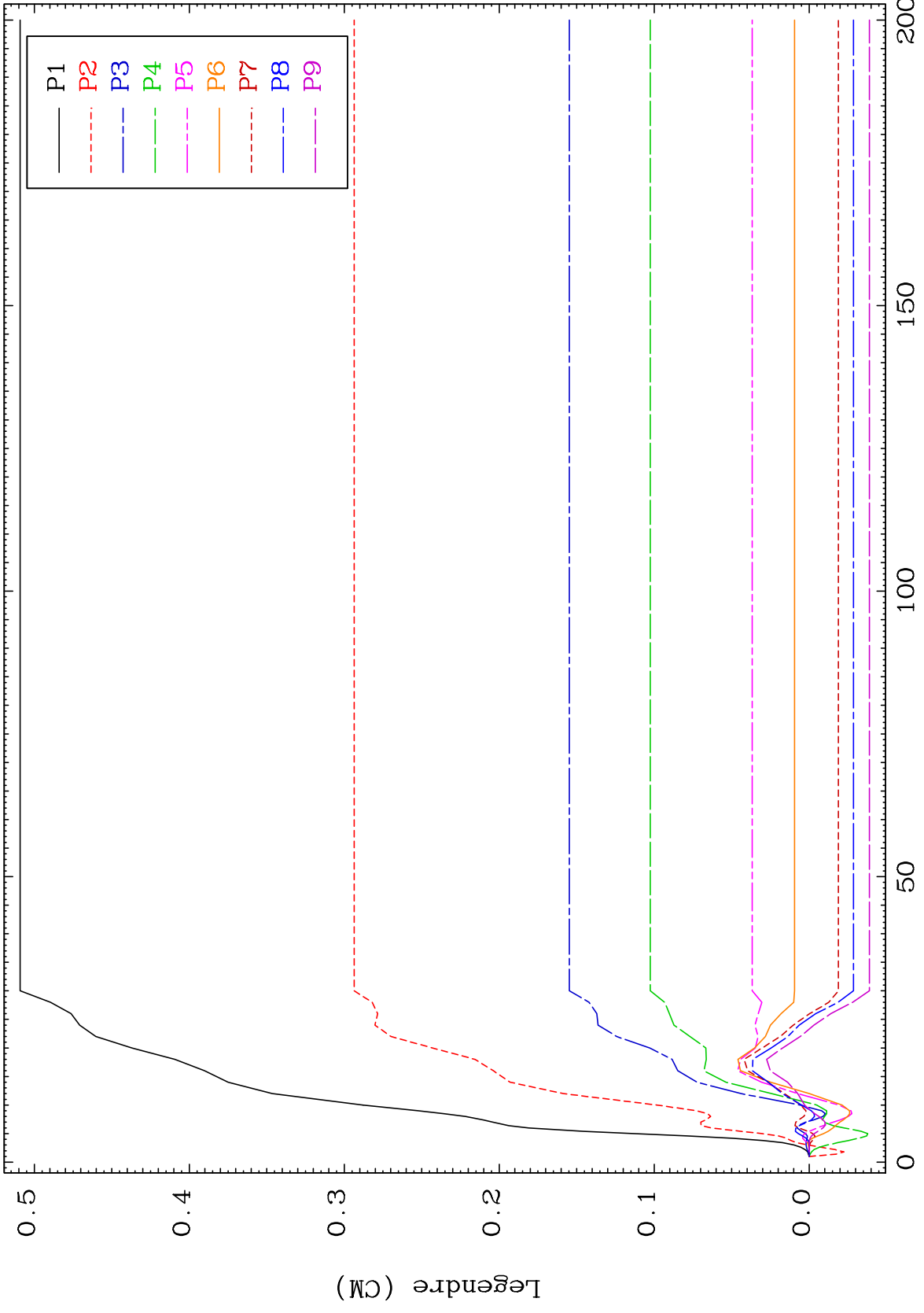
63-Eu-149



MAT 6319

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

63-Eu-149



96

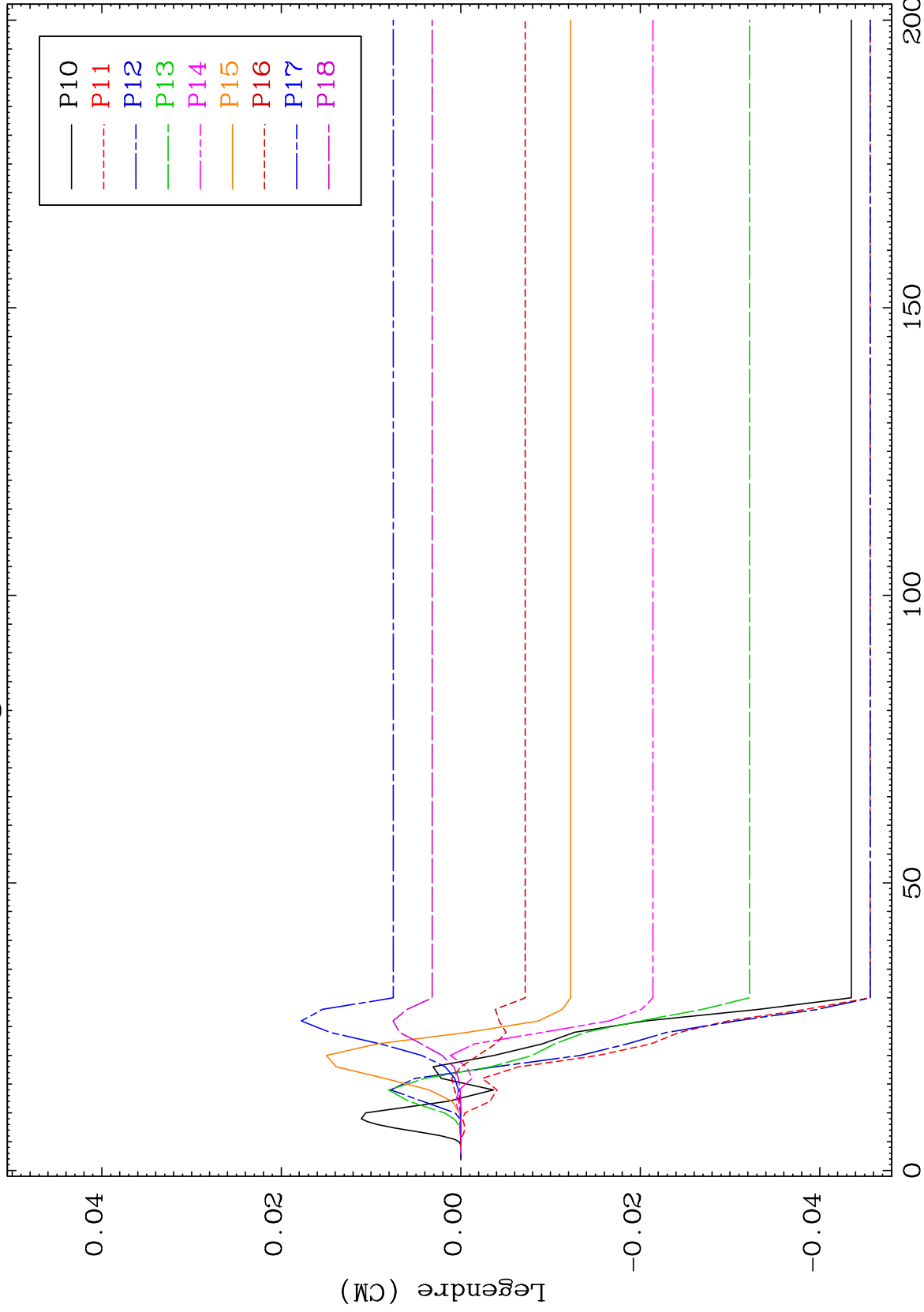
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

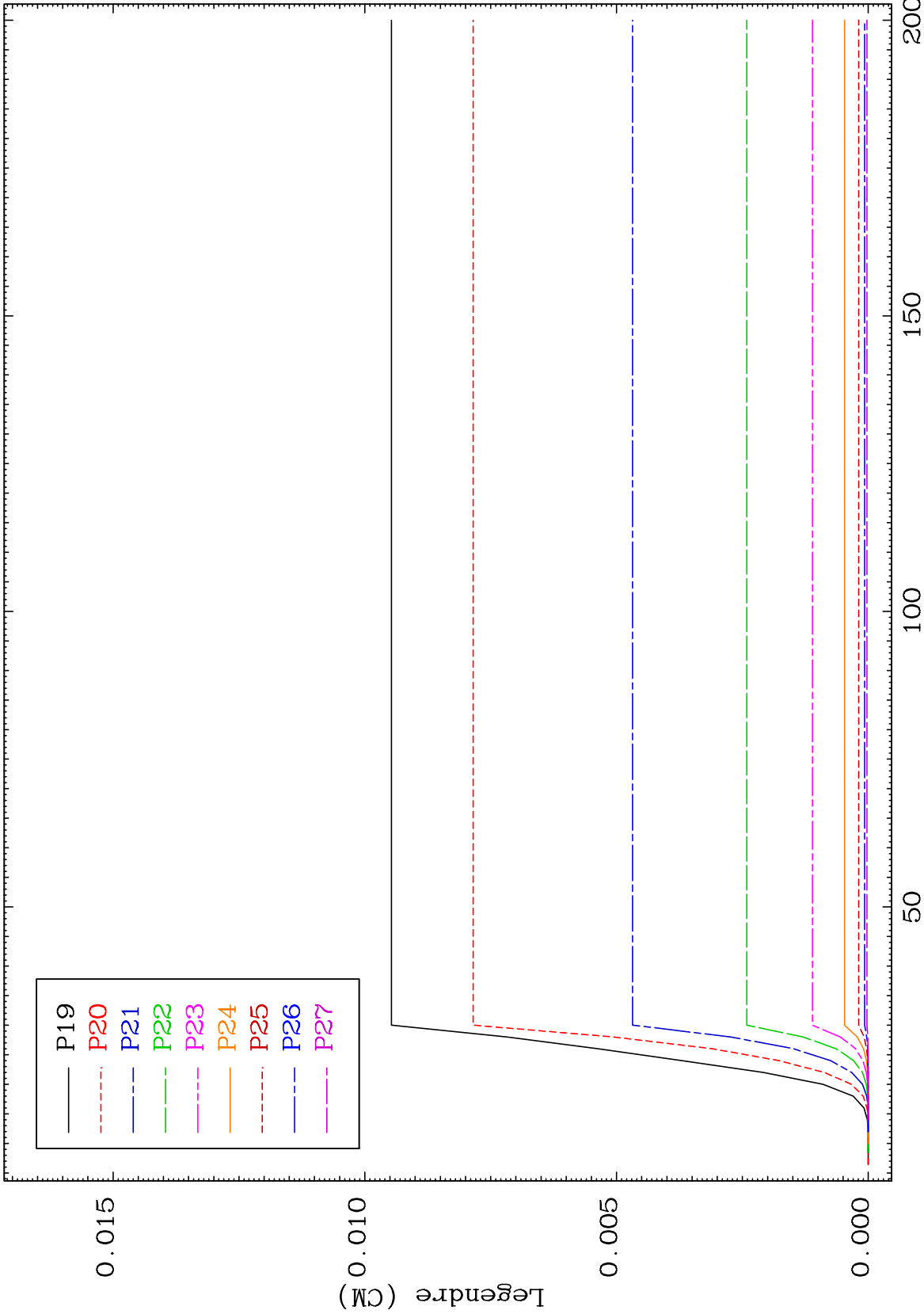
63-Eu-149



97

Incident Energy (MeV)

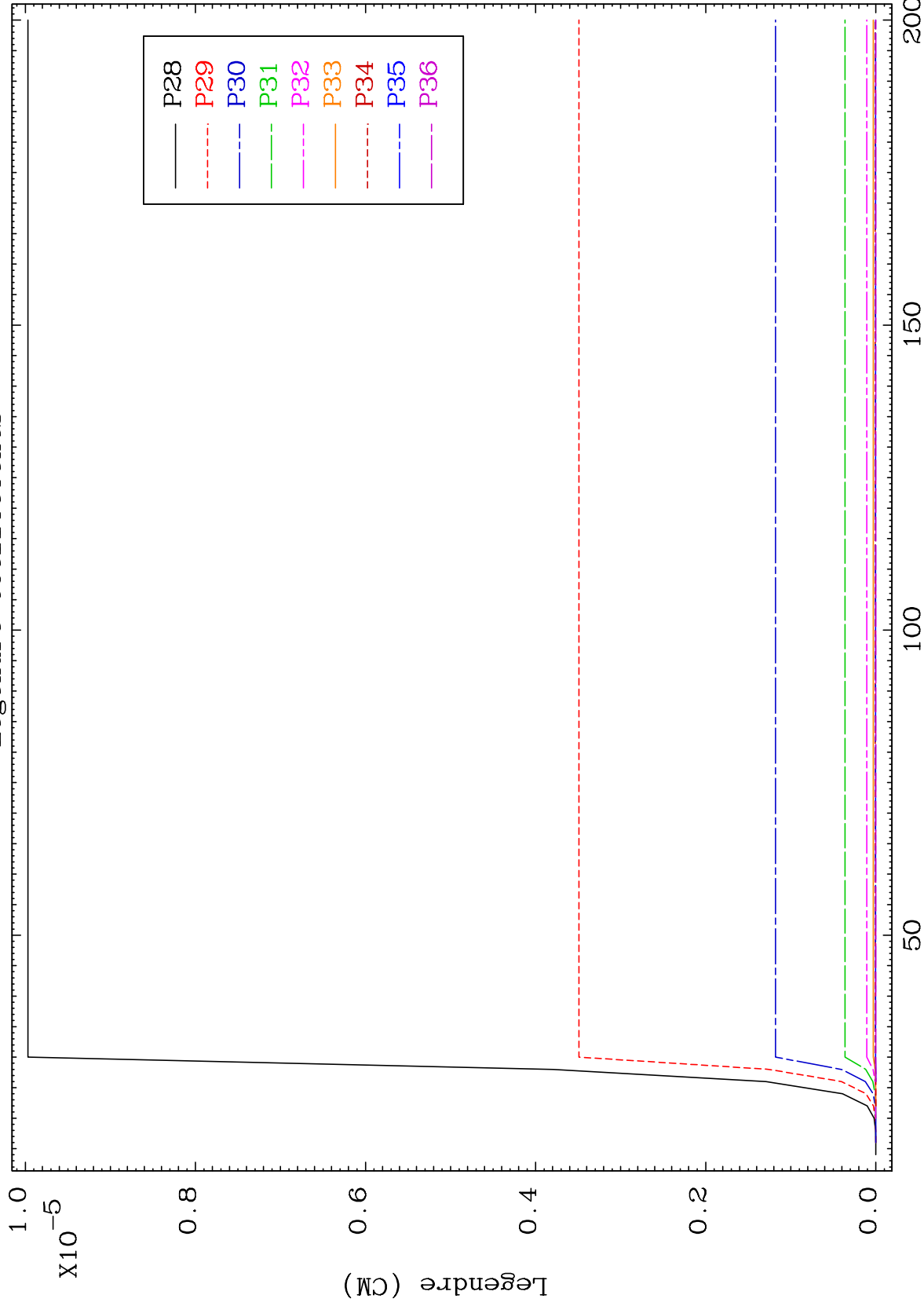
63-Eu-149



MAT 6319

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

63-Eu-149



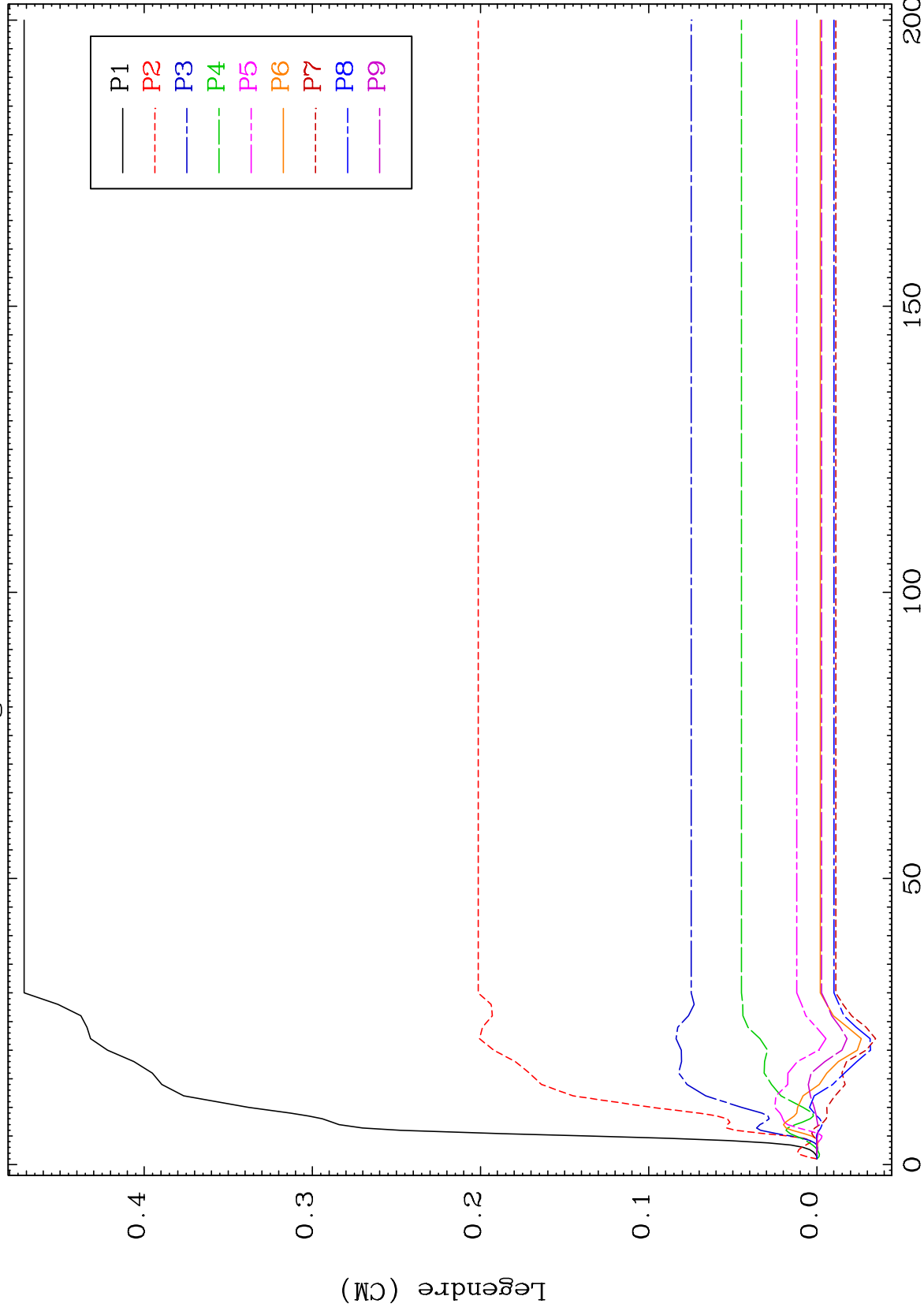
99

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

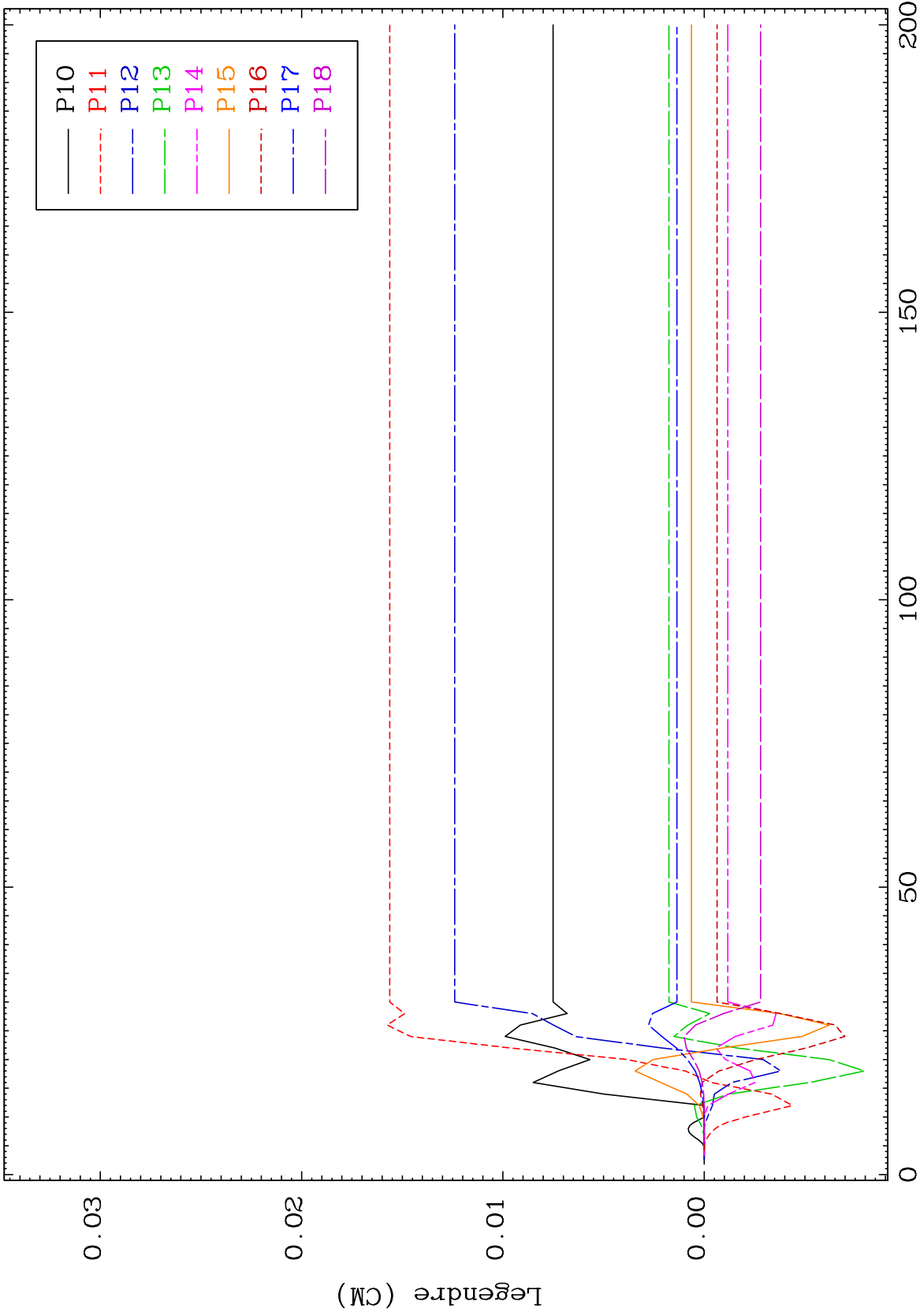
Incident Energy (MeV)

100

MAT 6319

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

63-Eu-149



63-Eu-149

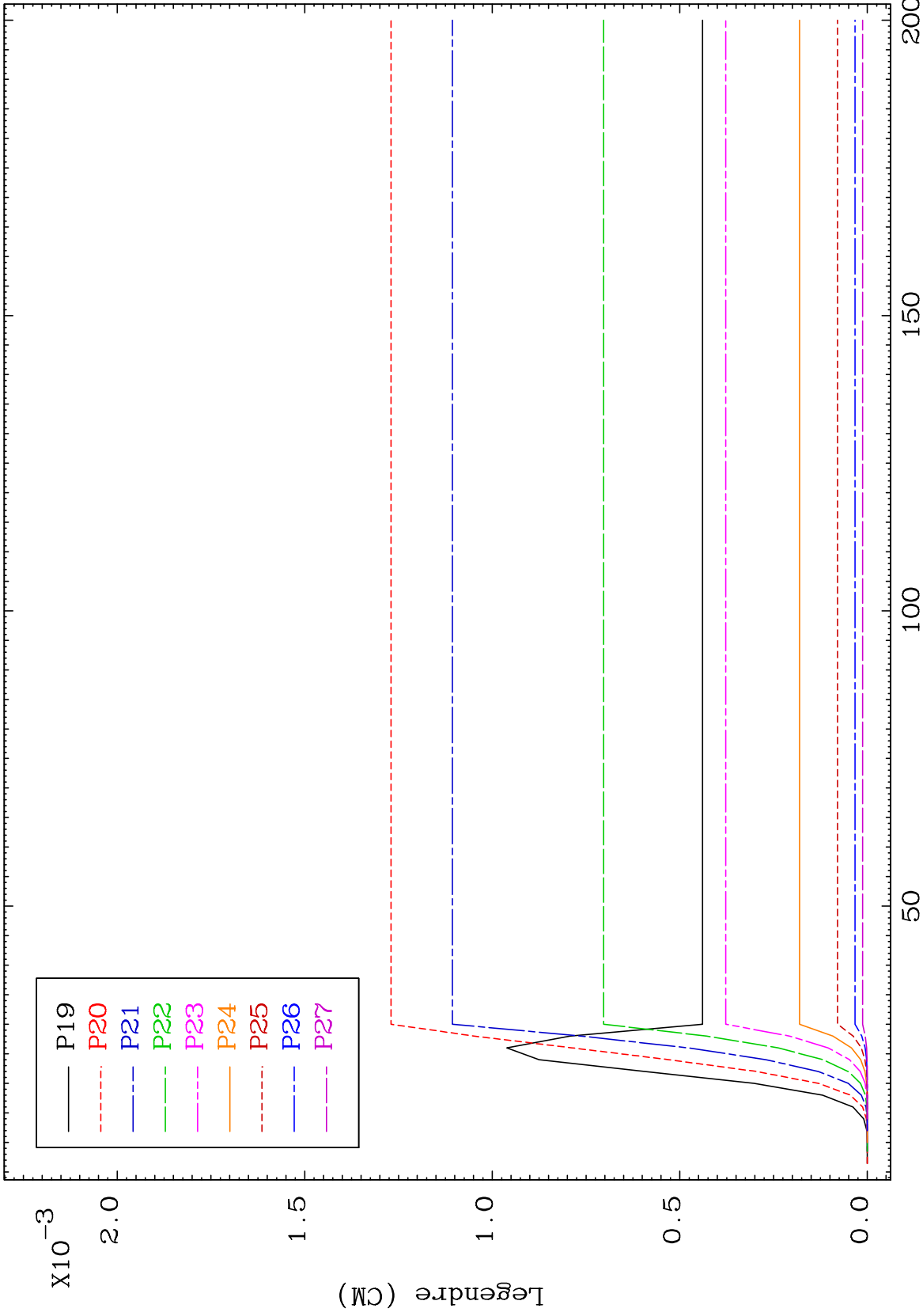
Incident Energy (MeV)

101

MAT 6319

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

63-Eu-149



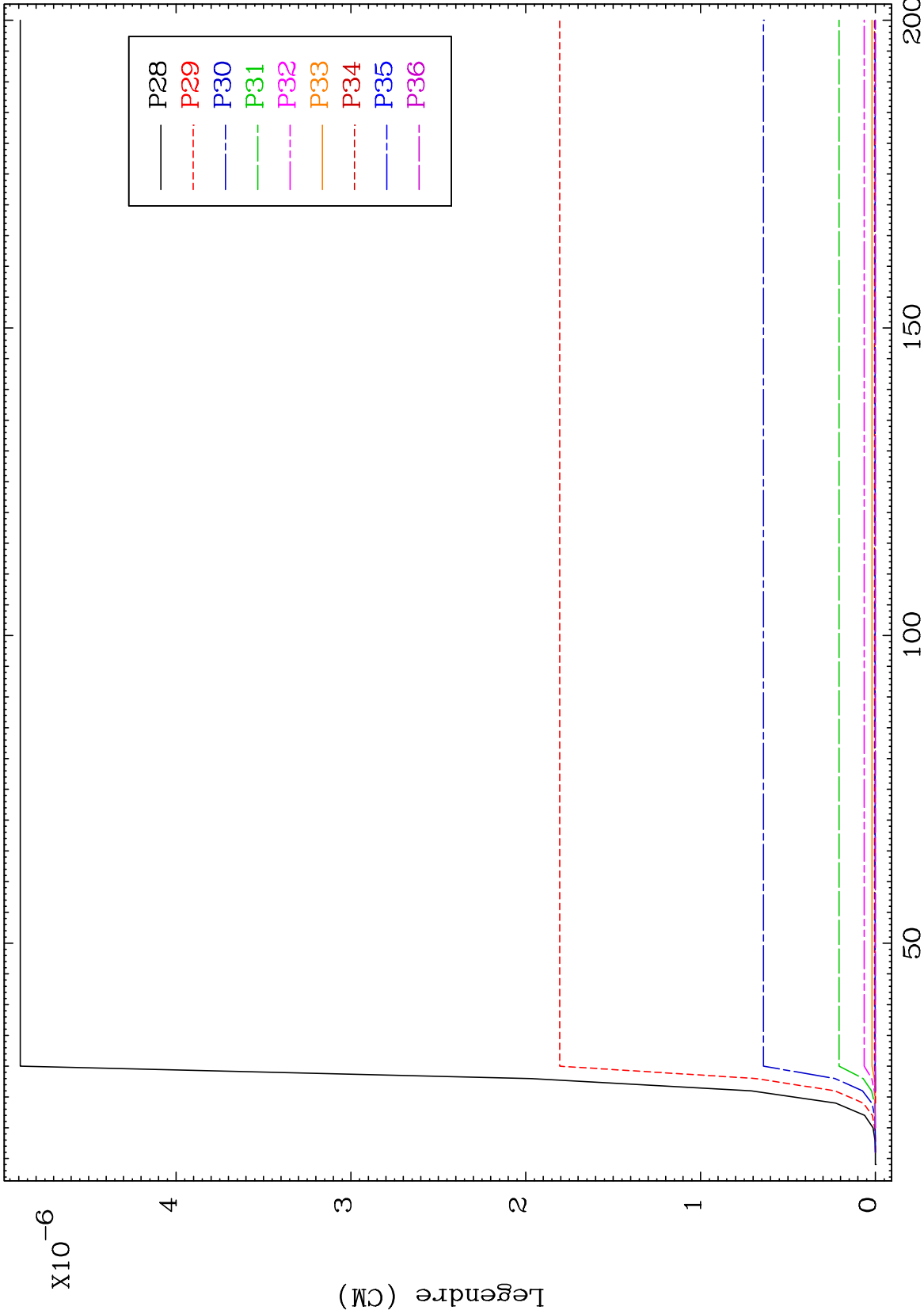
102

63-Eu-149

MAT 6319

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

63-Eu-149



103

Incident Energy (MeV)

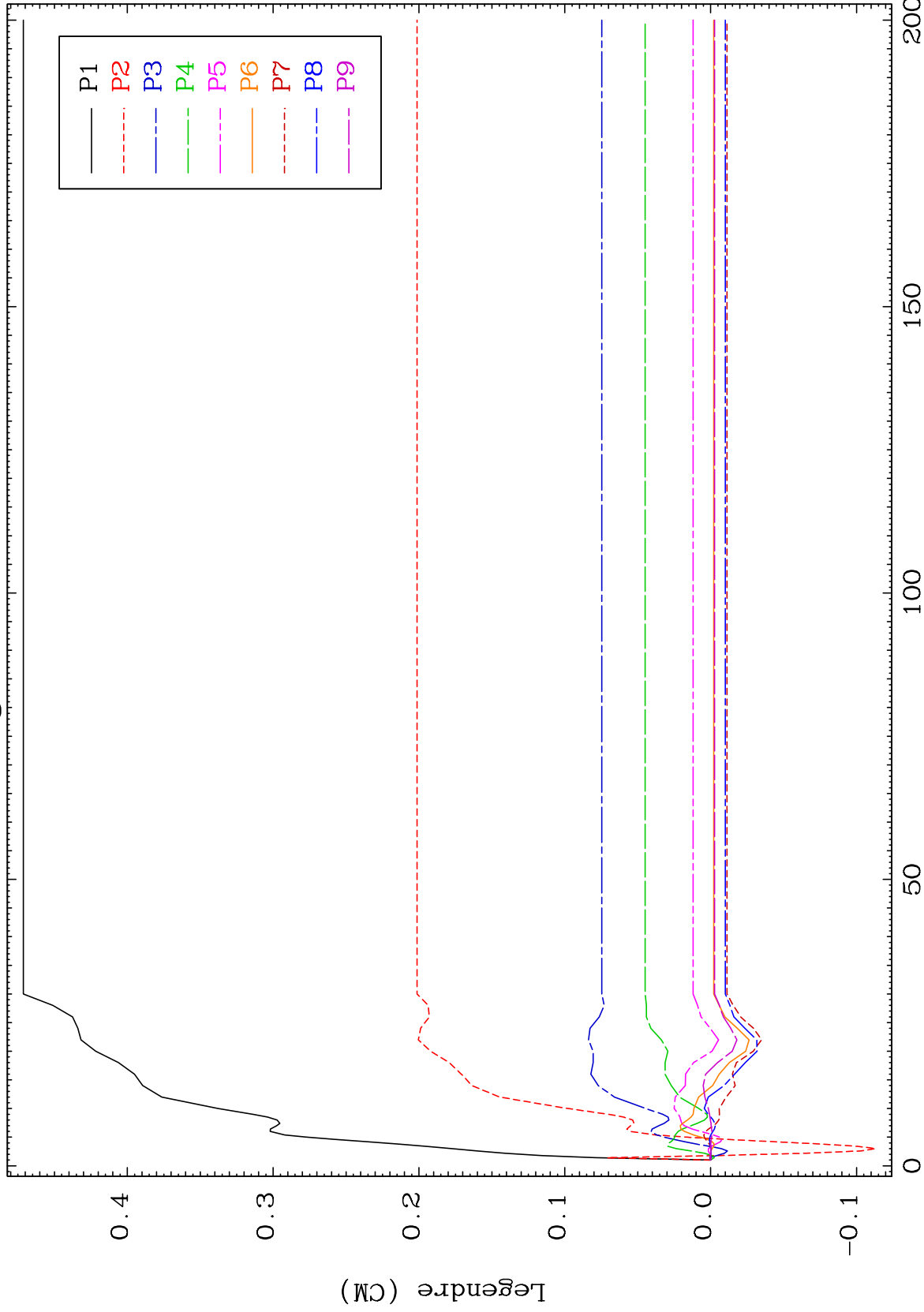
63-Eu-149



MAT 6319

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

63-Eu-149



104

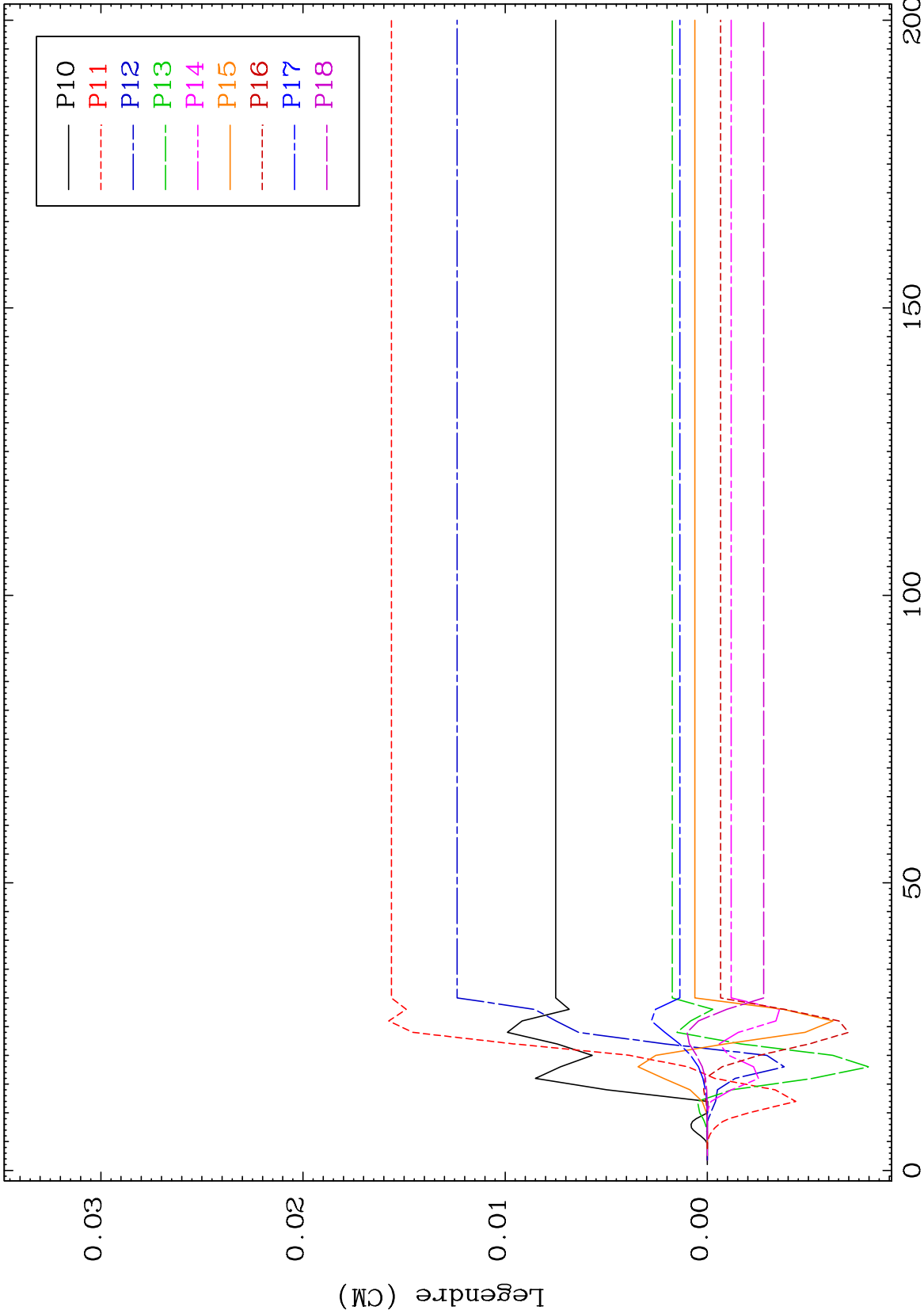
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

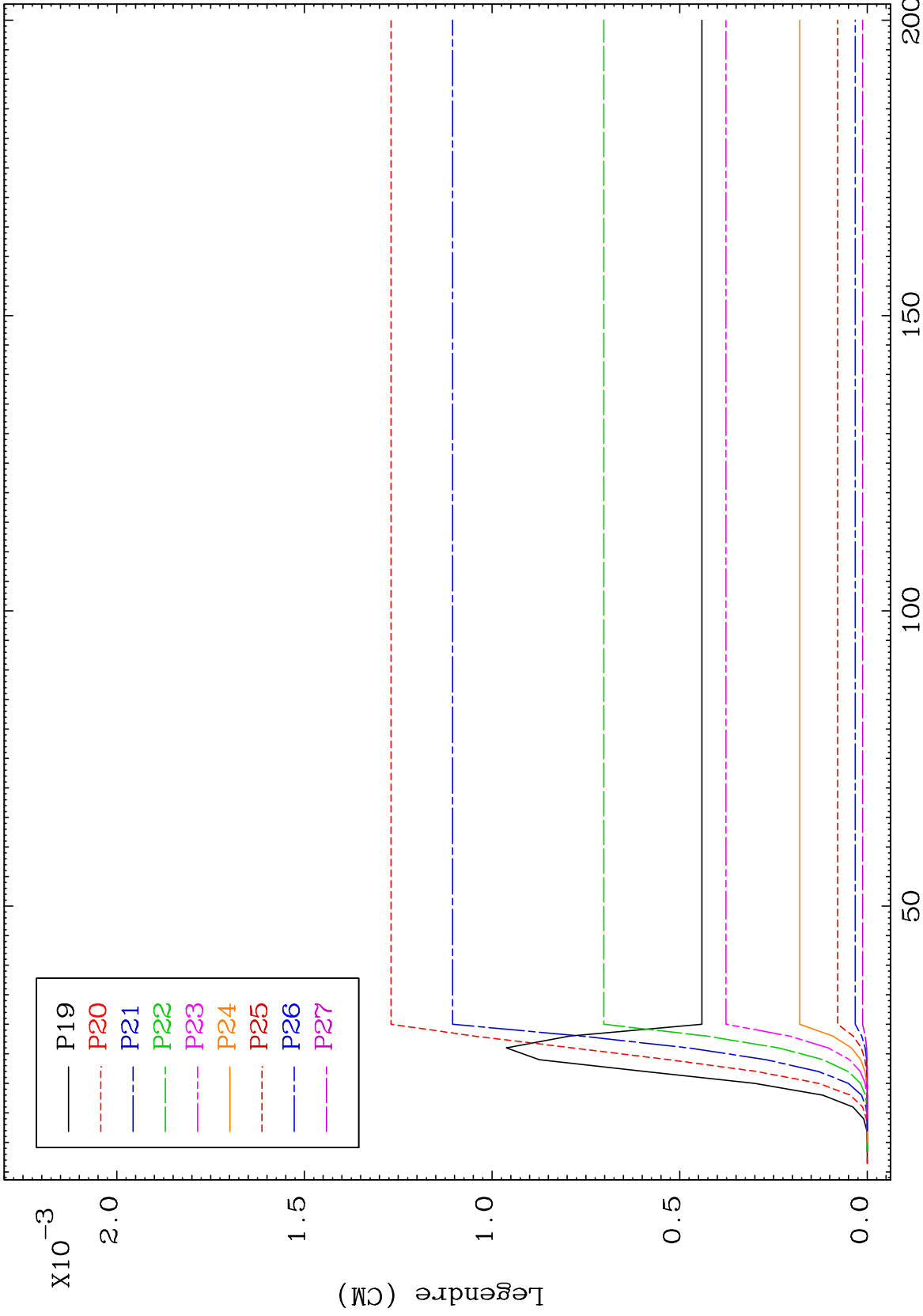
63-Eu-149



105

Incident Energy (MeV)

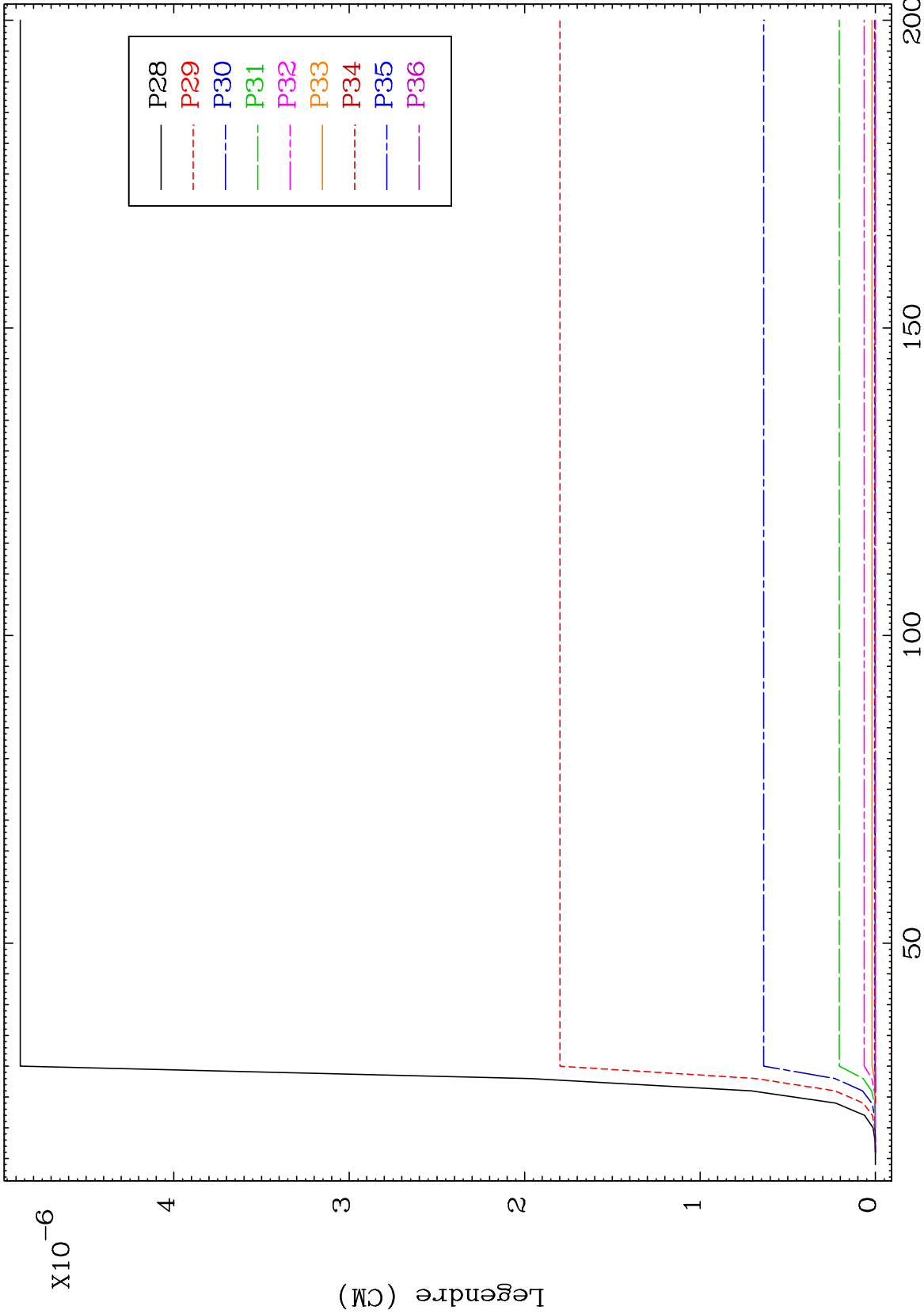
63-Eu-149



MAT 6319

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

63-Eu-149



107

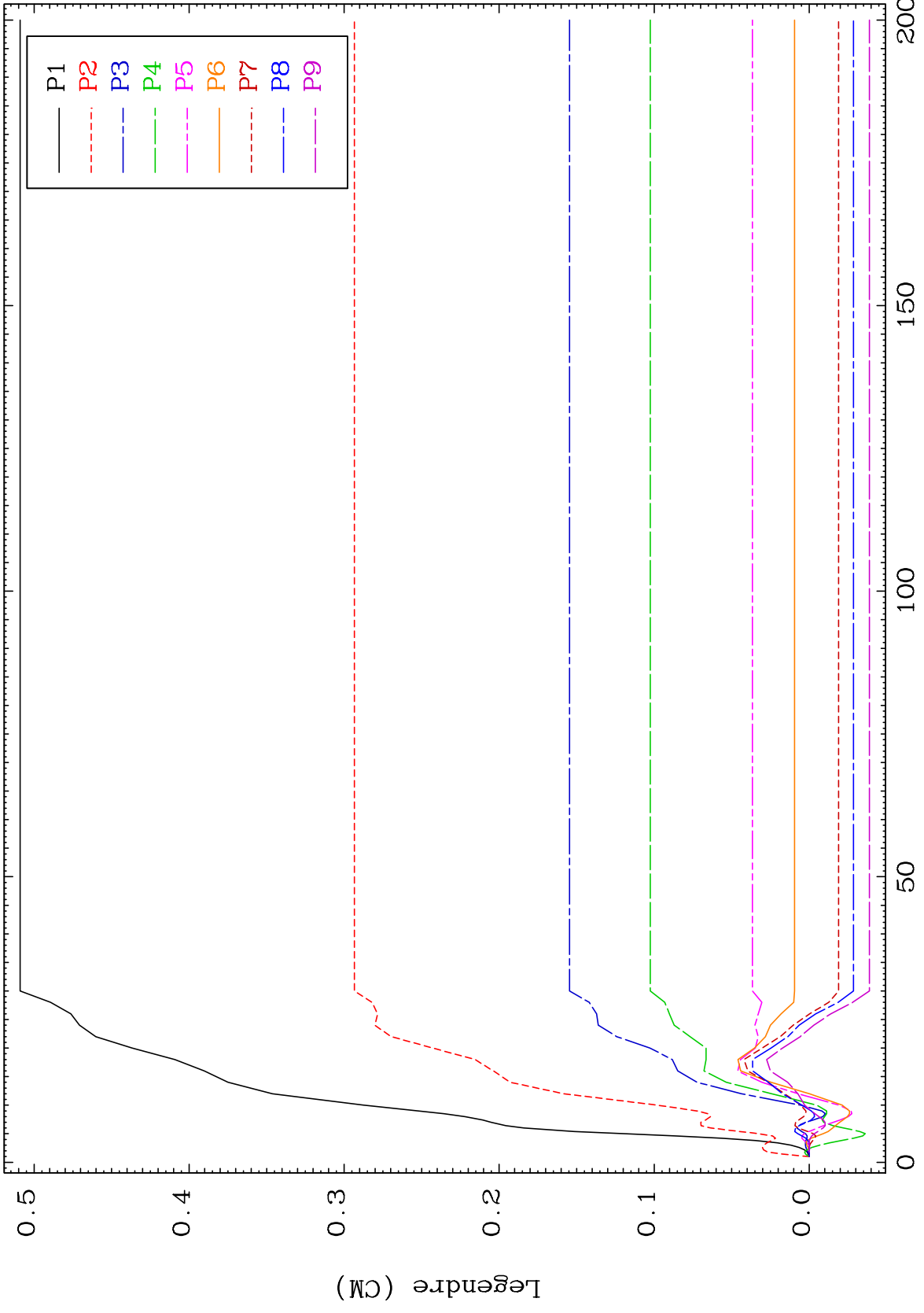
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



108

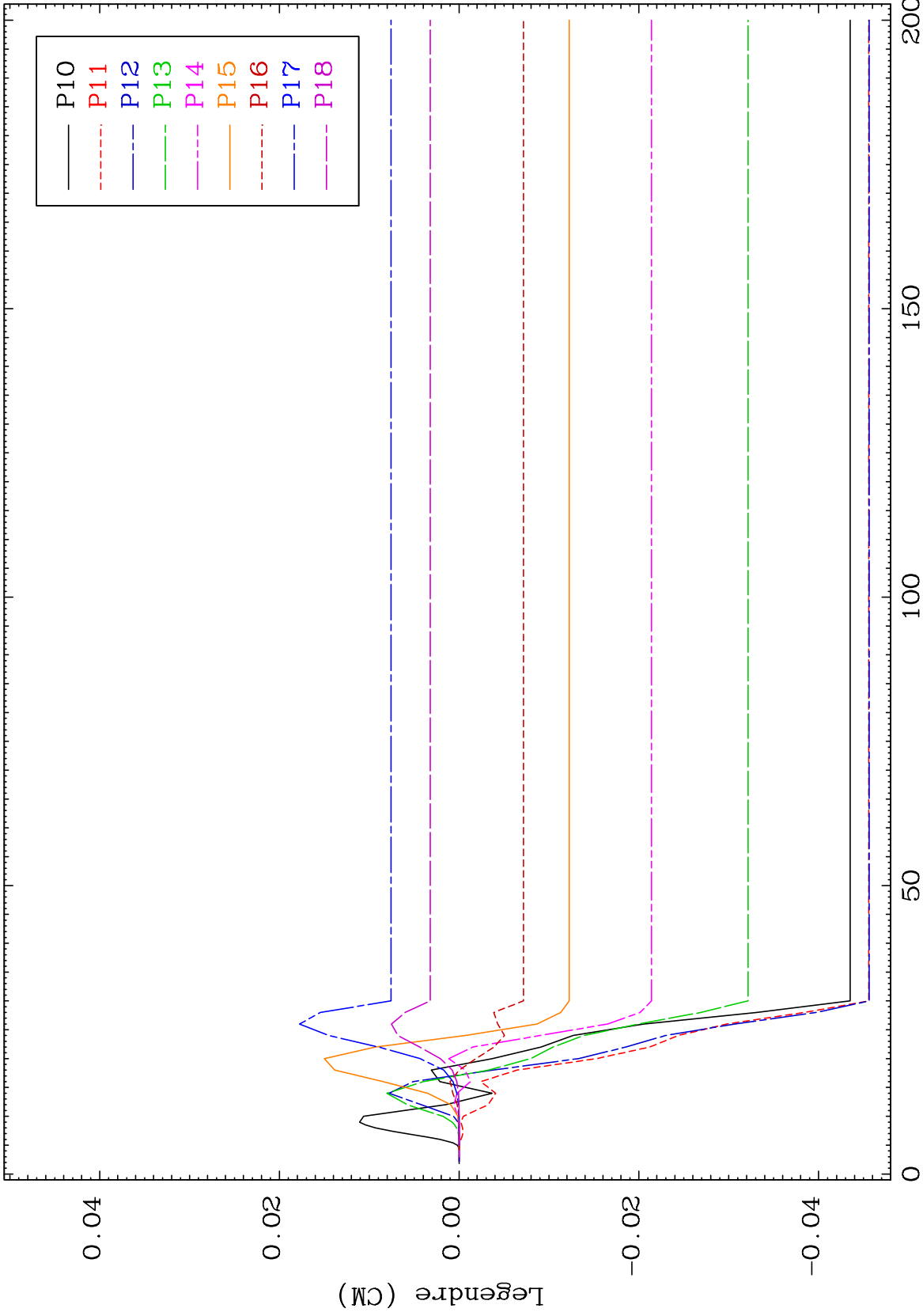
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



109

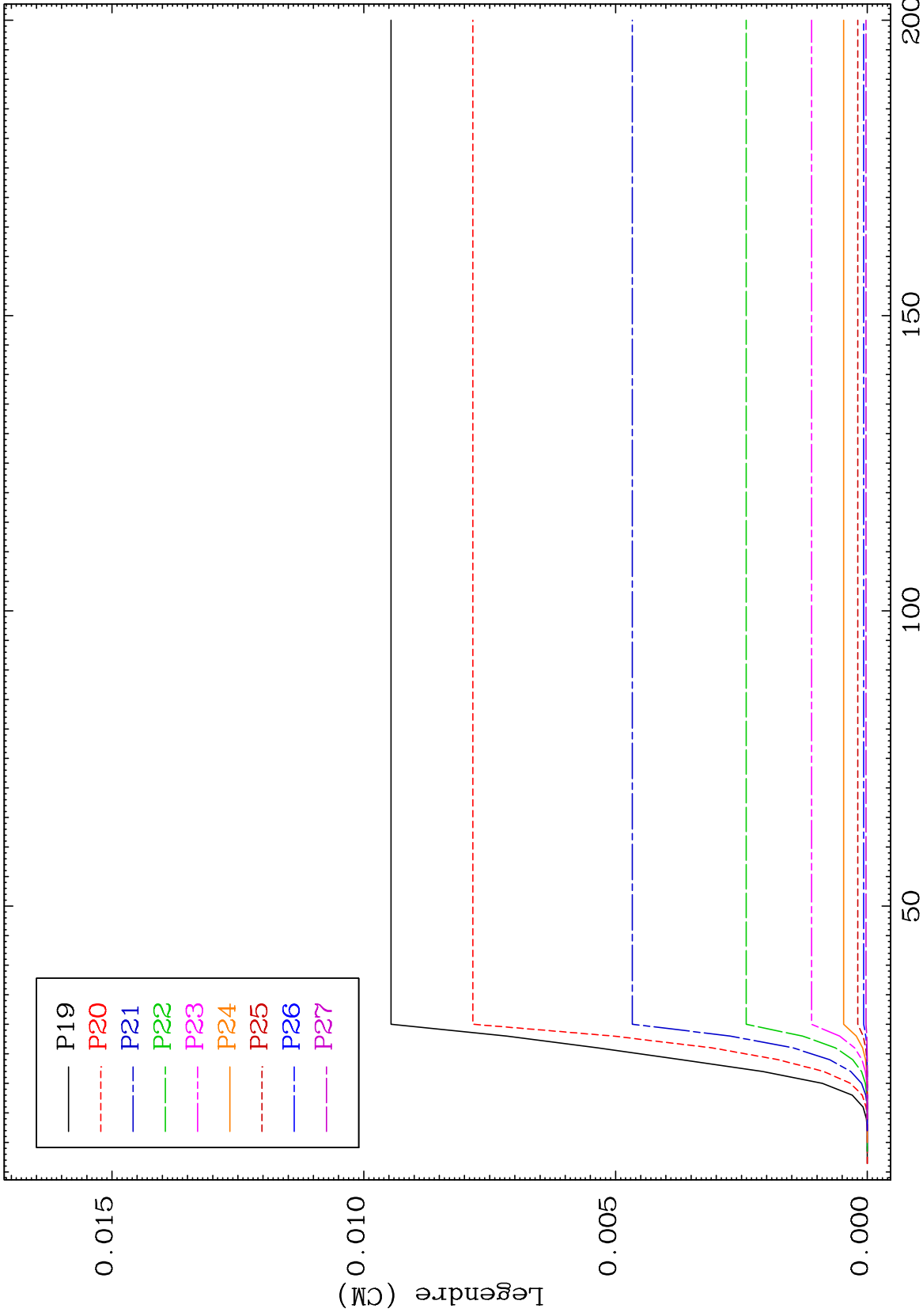
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



110

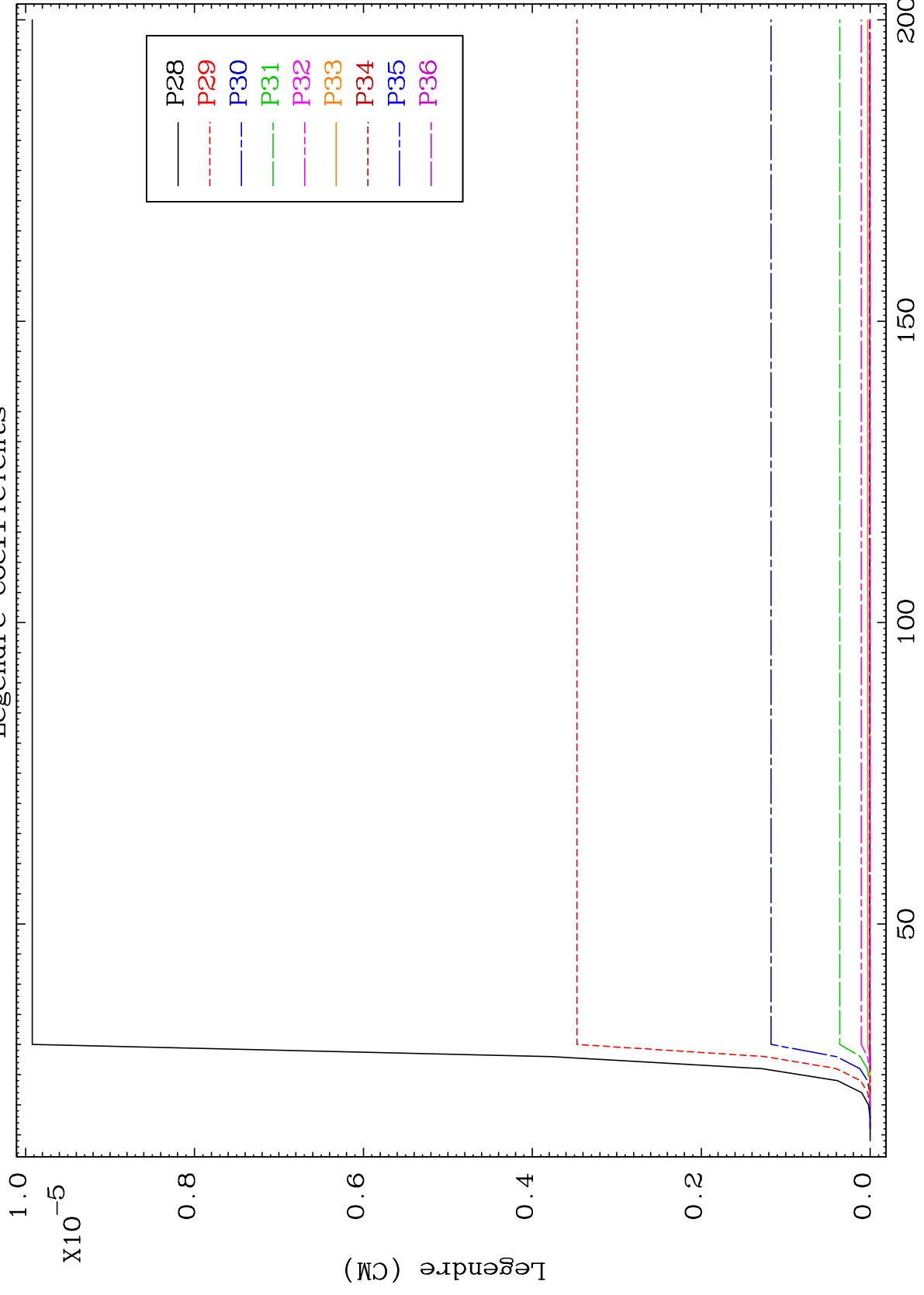
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



111

Incident Energy (MeV)

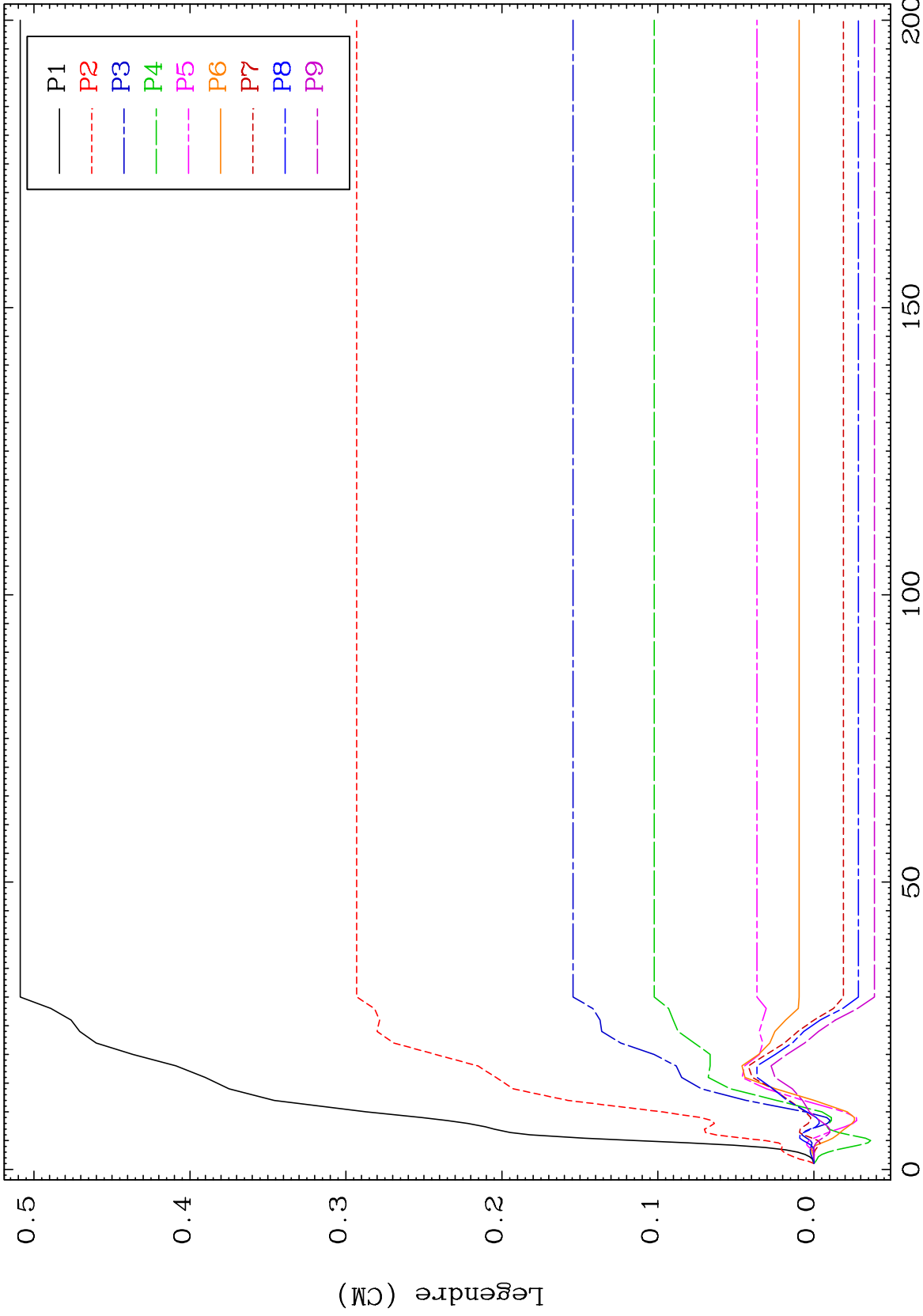
63-Eu-149



MAT 6319

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

63-Eu-149



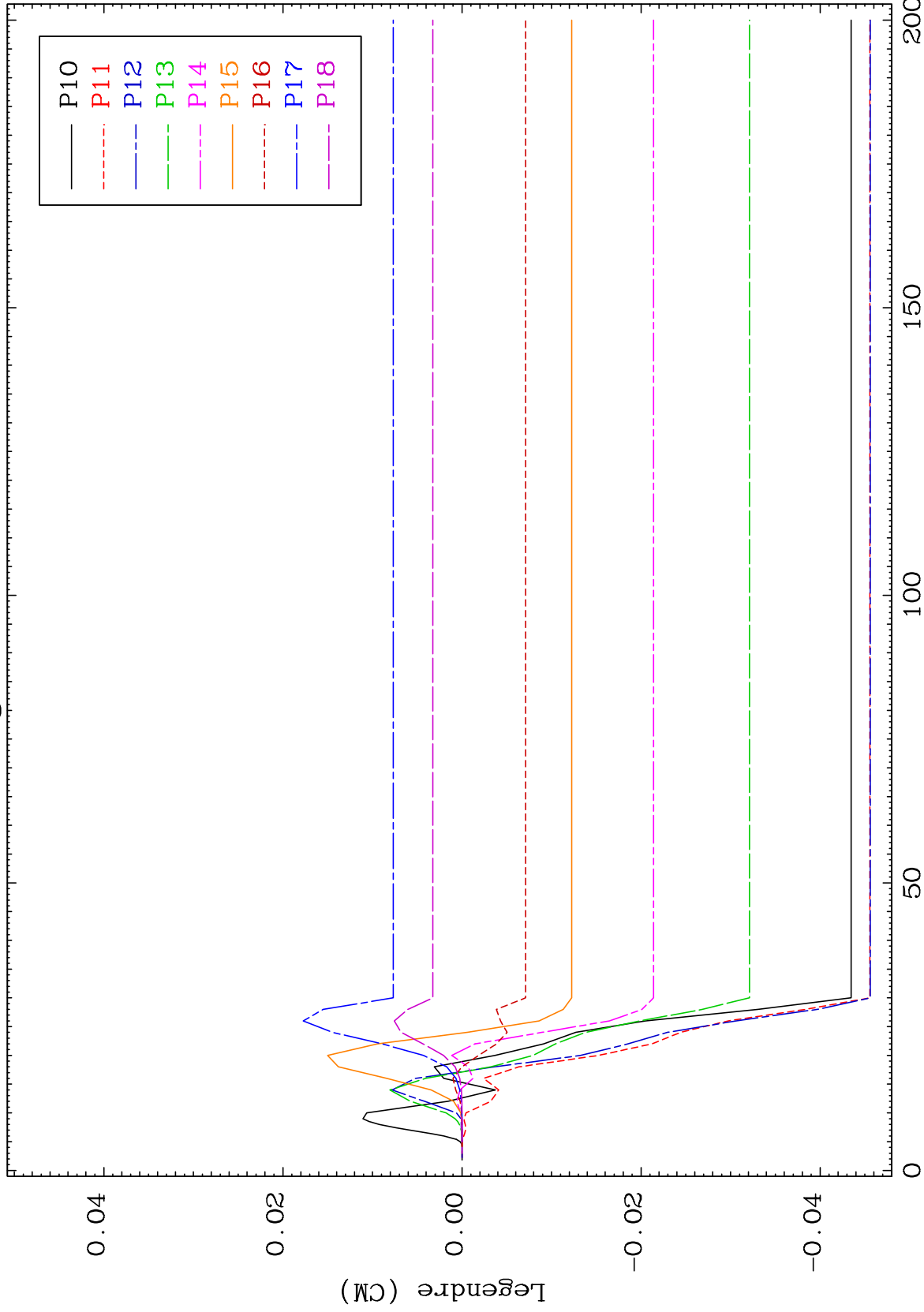
112

63-Eu-149

MAT 6319

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

63-Eu-149



113

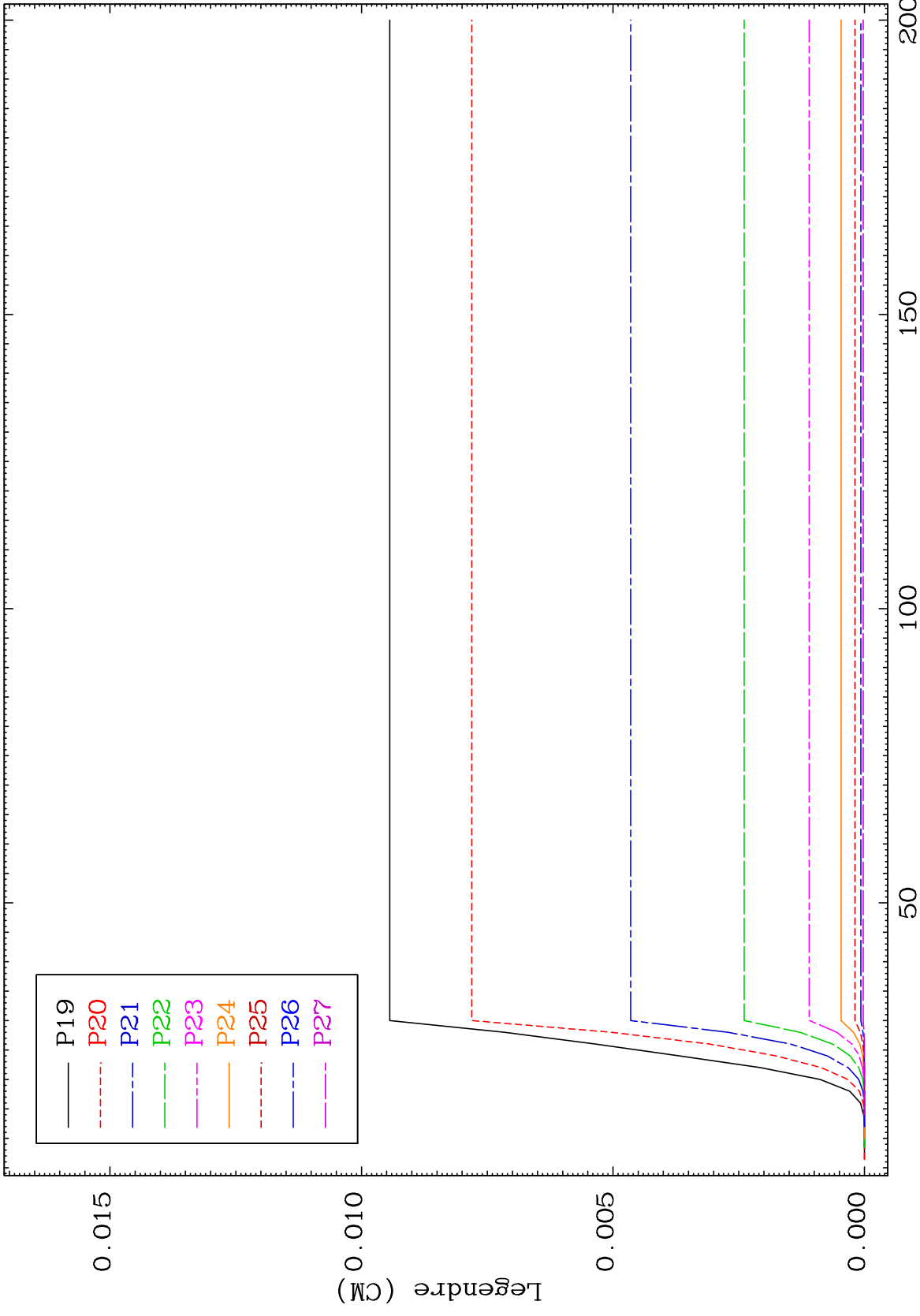
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149

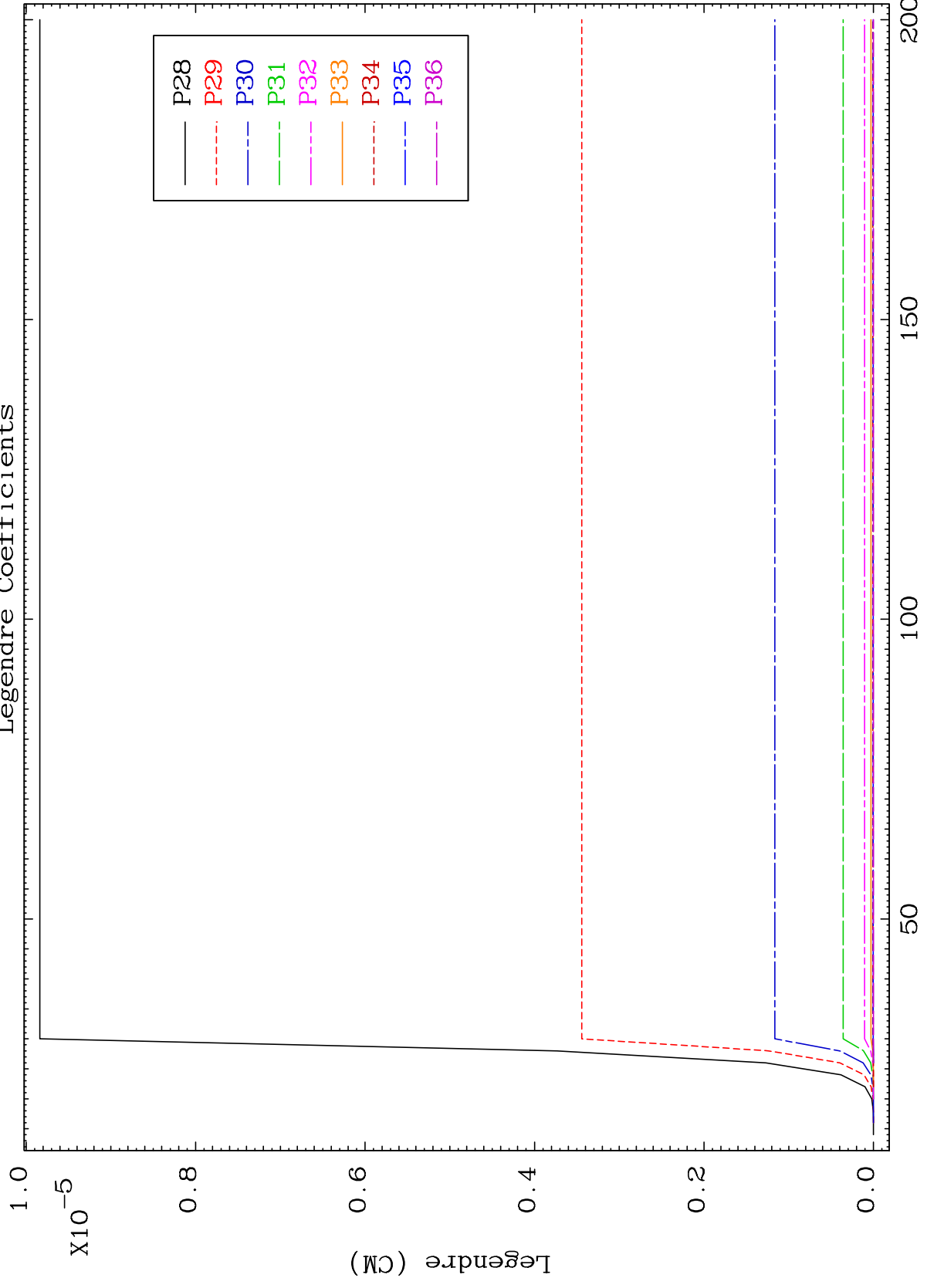


114

Incident Energy (MeV)

63-Eu-149

MAT 6319 MT= 74 (n,n') Level Legendre Coefficients 63-Eu-149

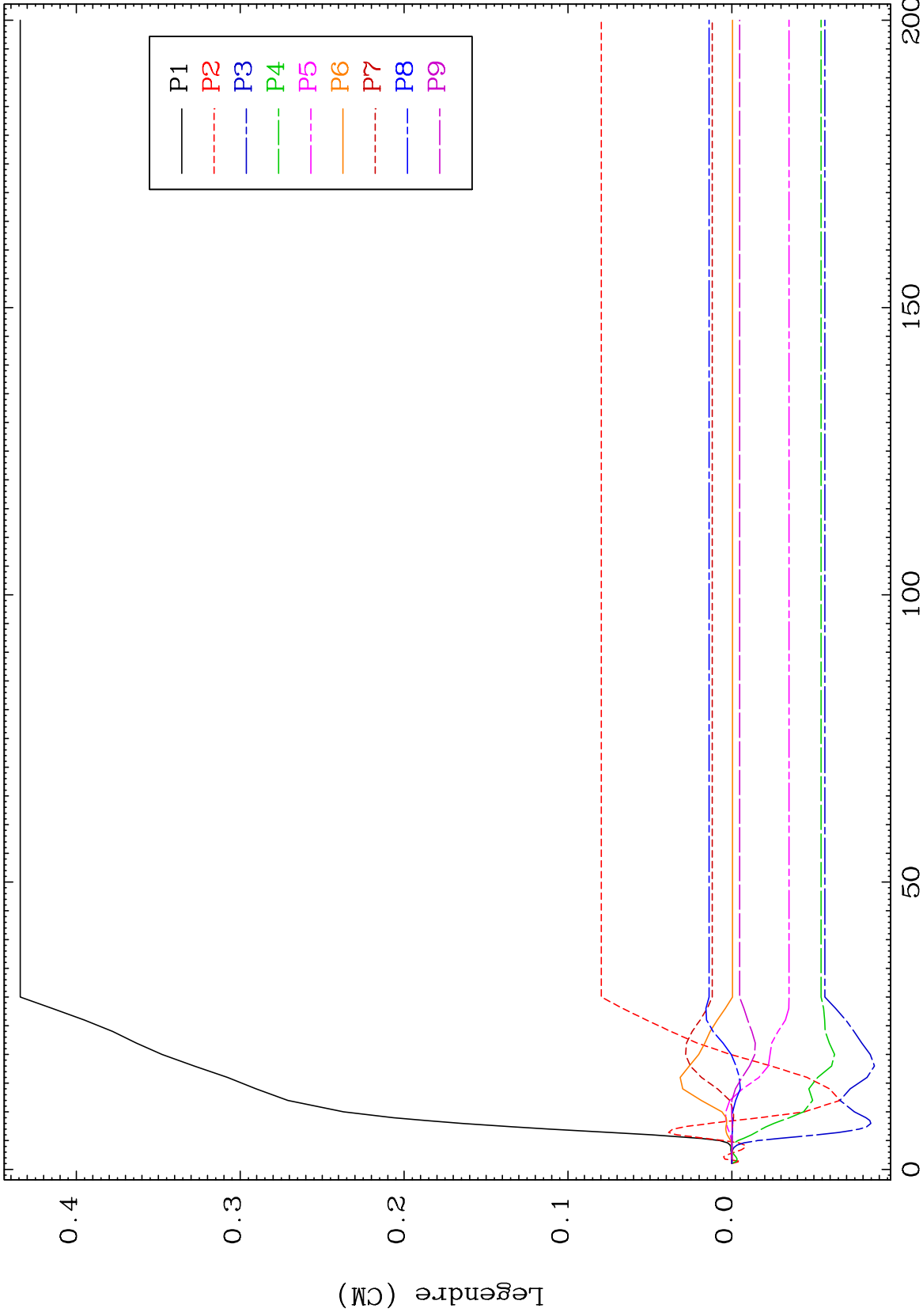


115 Incident Energy (MeV) 63-Eu-149

MAT 6319

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

63-Eu-149



116

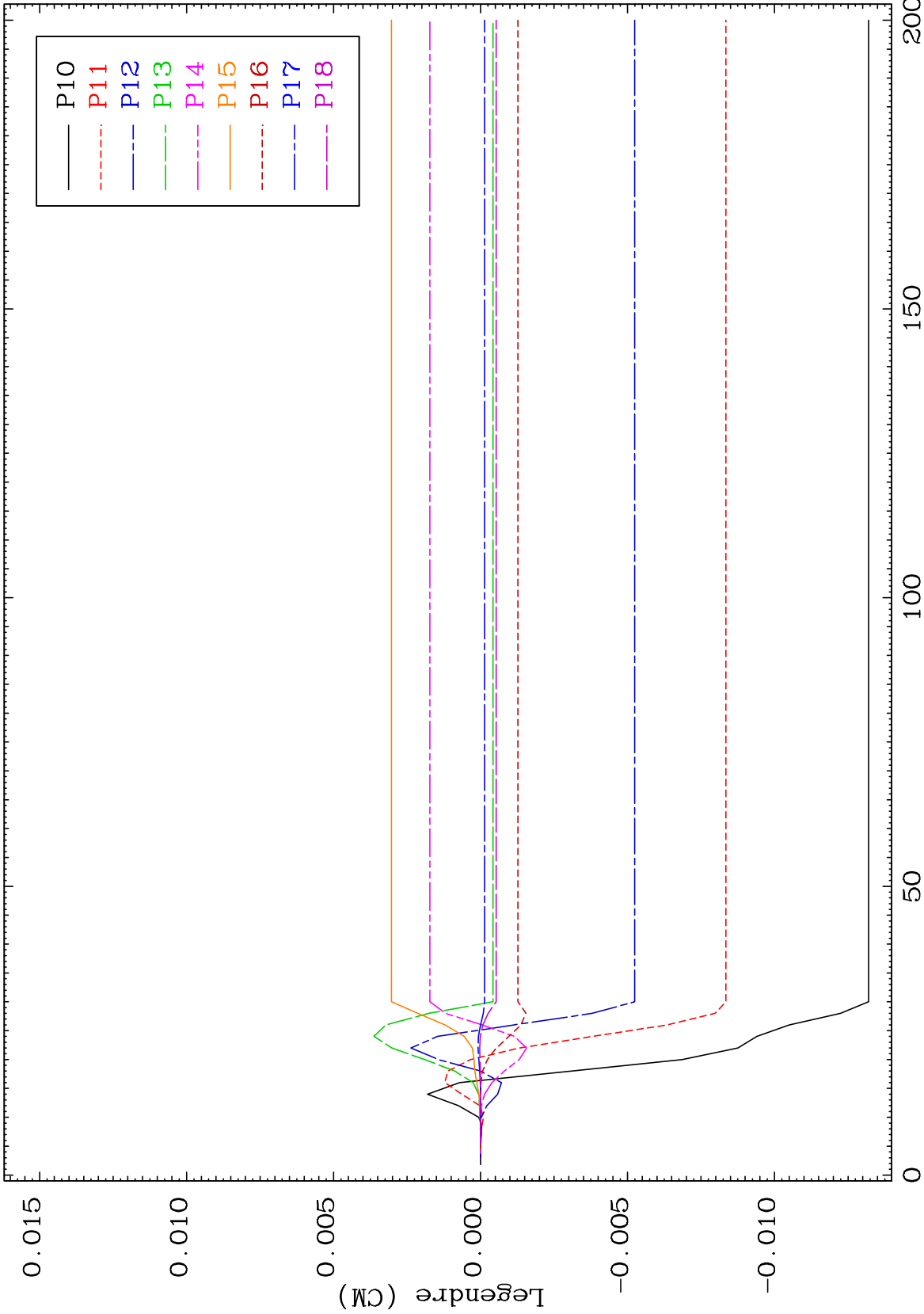
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

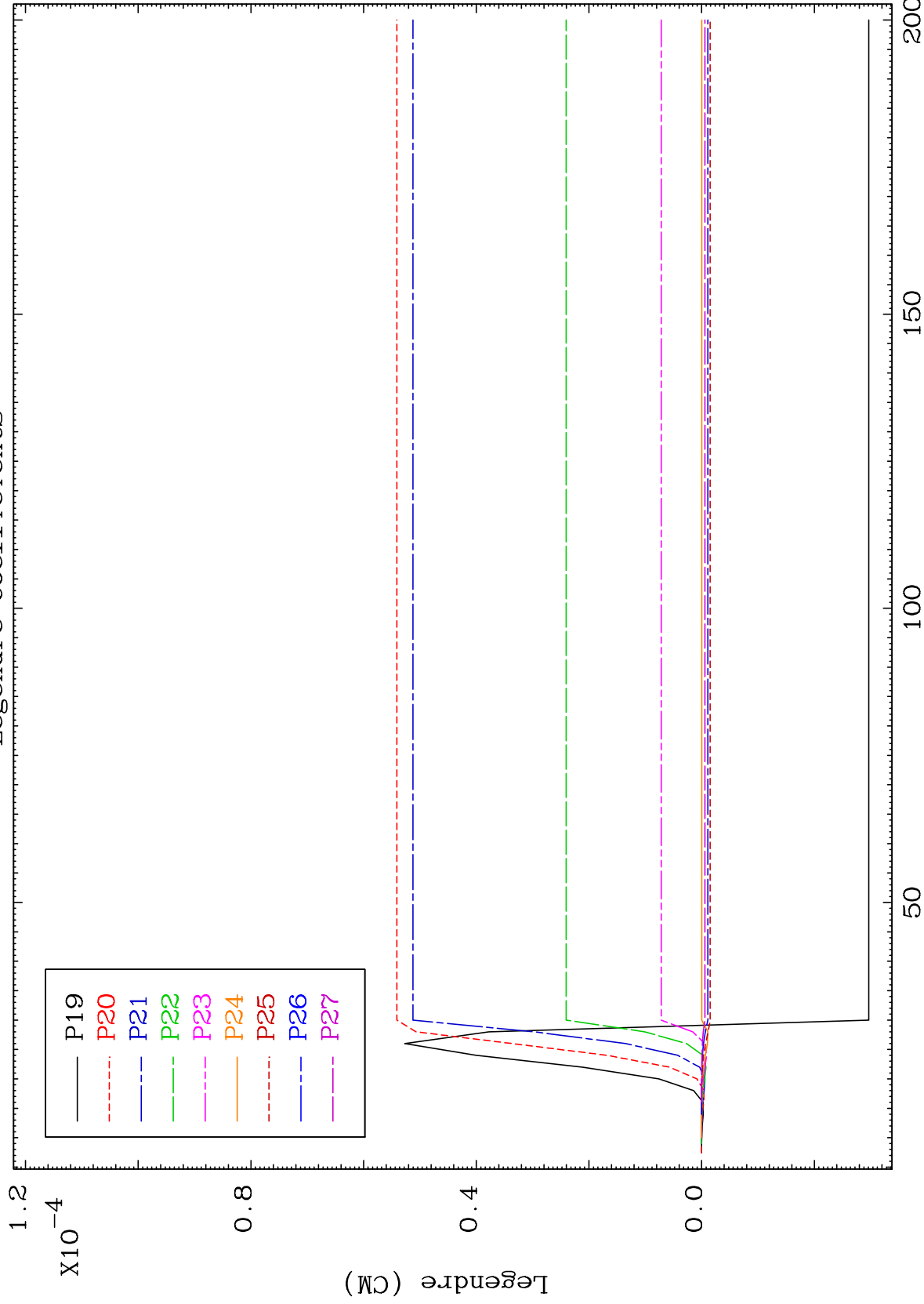
63-Eu-149



117

Incident Energy (MeV)

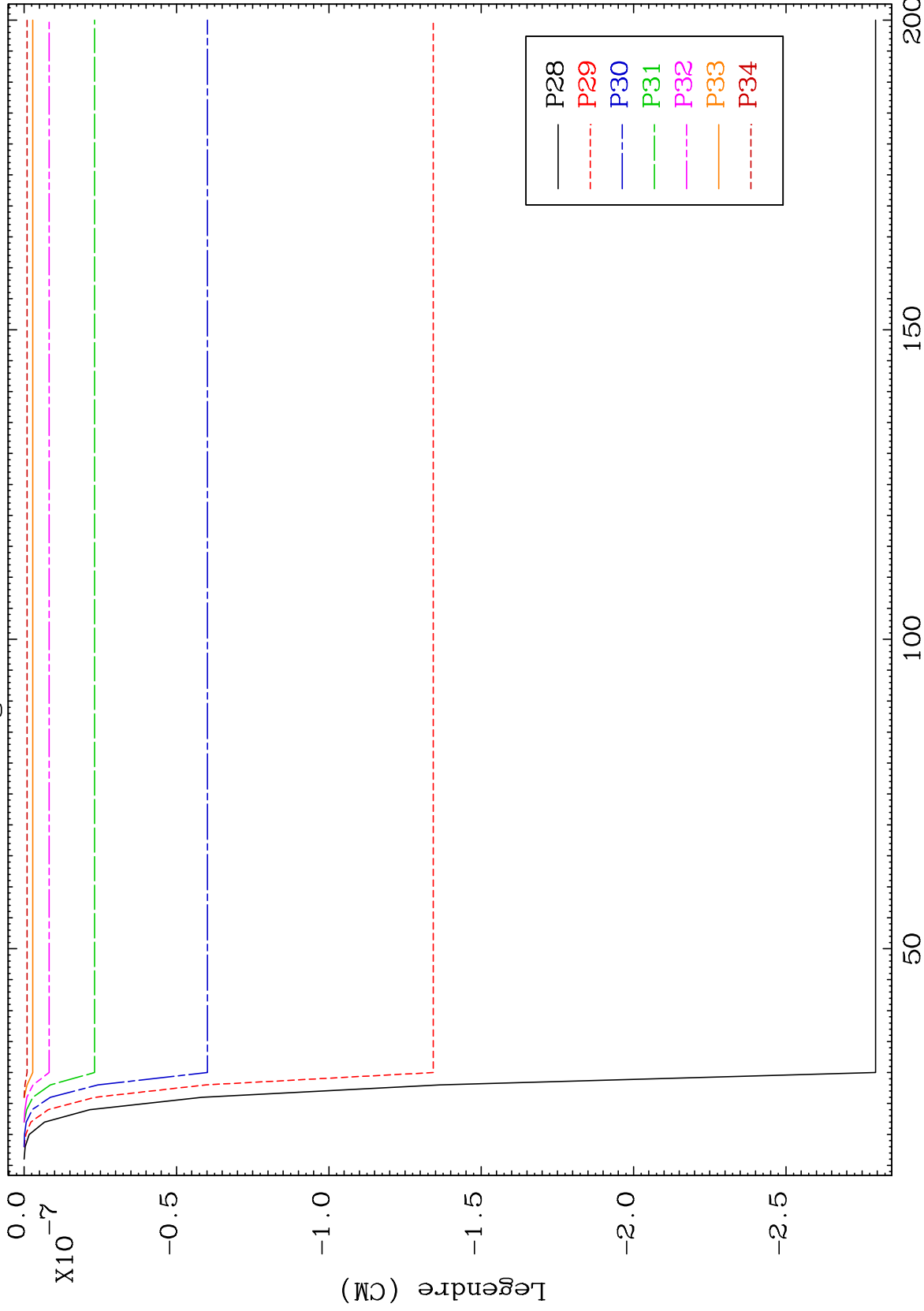
63-Eu-149



MAT 6319

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

63-Eu-149



63-Eu-149

Incident Energy (MeV)

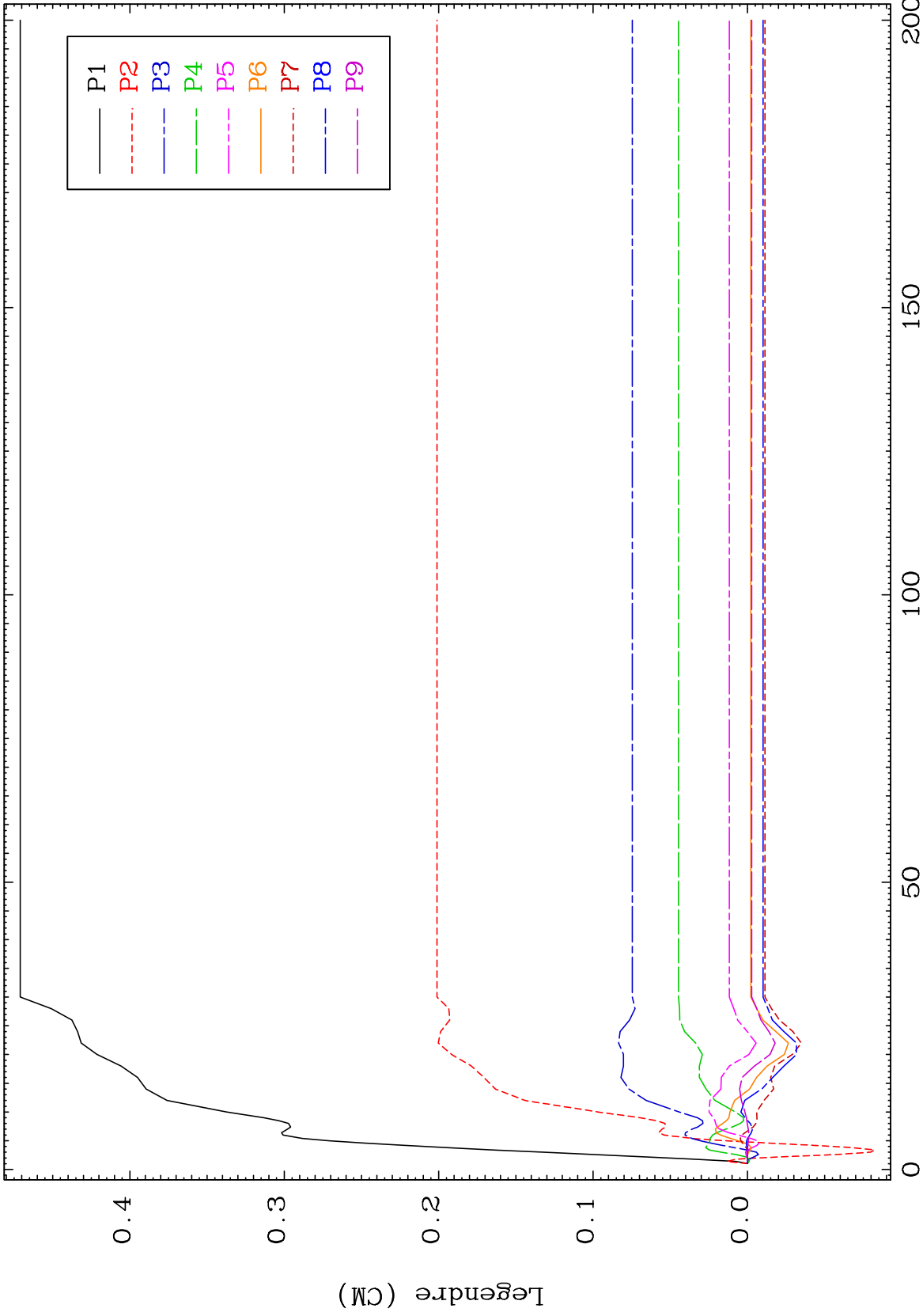
119



MAT 6319

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

63-Eu-149



63-Eu-149

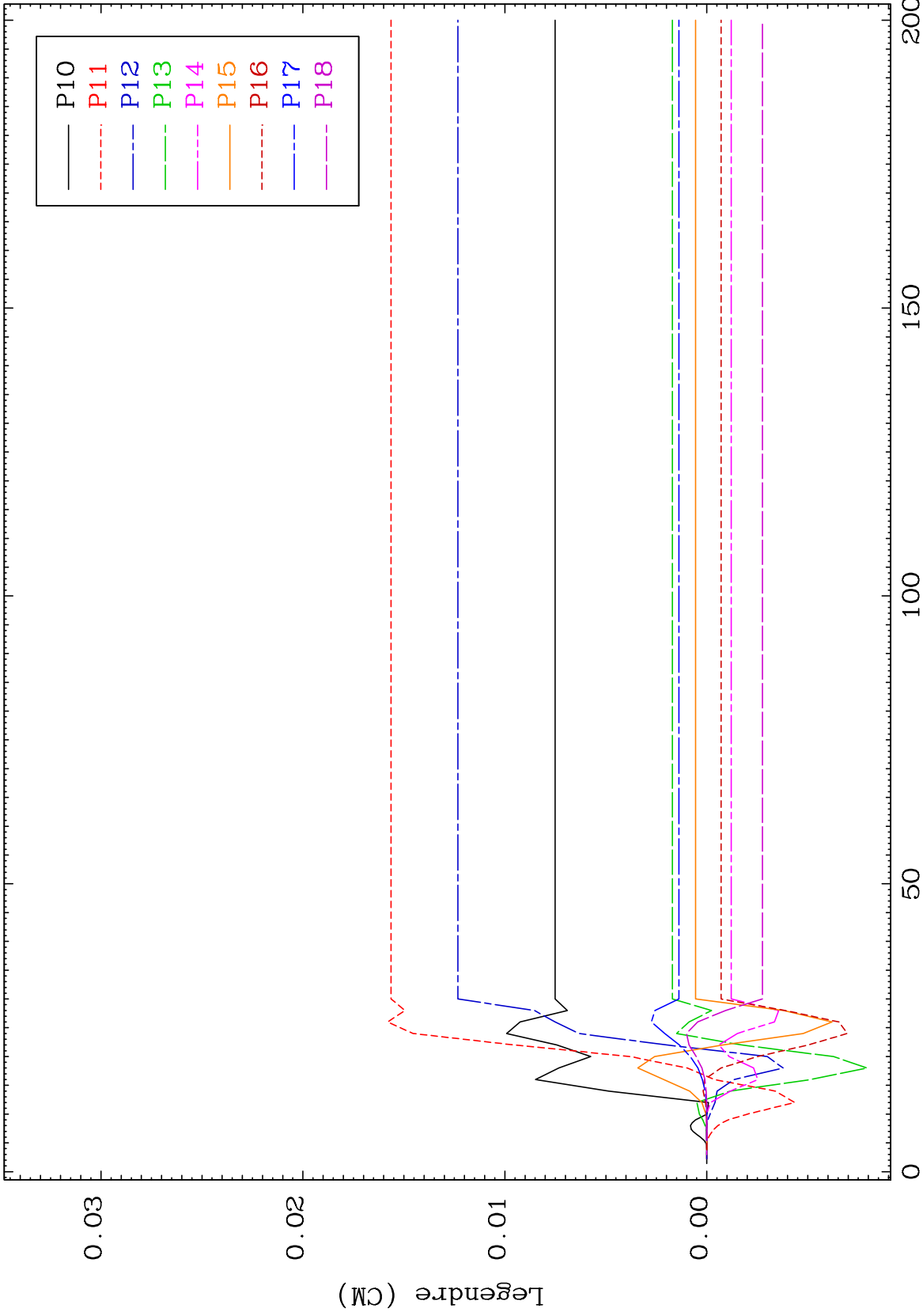
Incident Energy (MeV)

120

MAT 6319

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

63-Eu-149



121

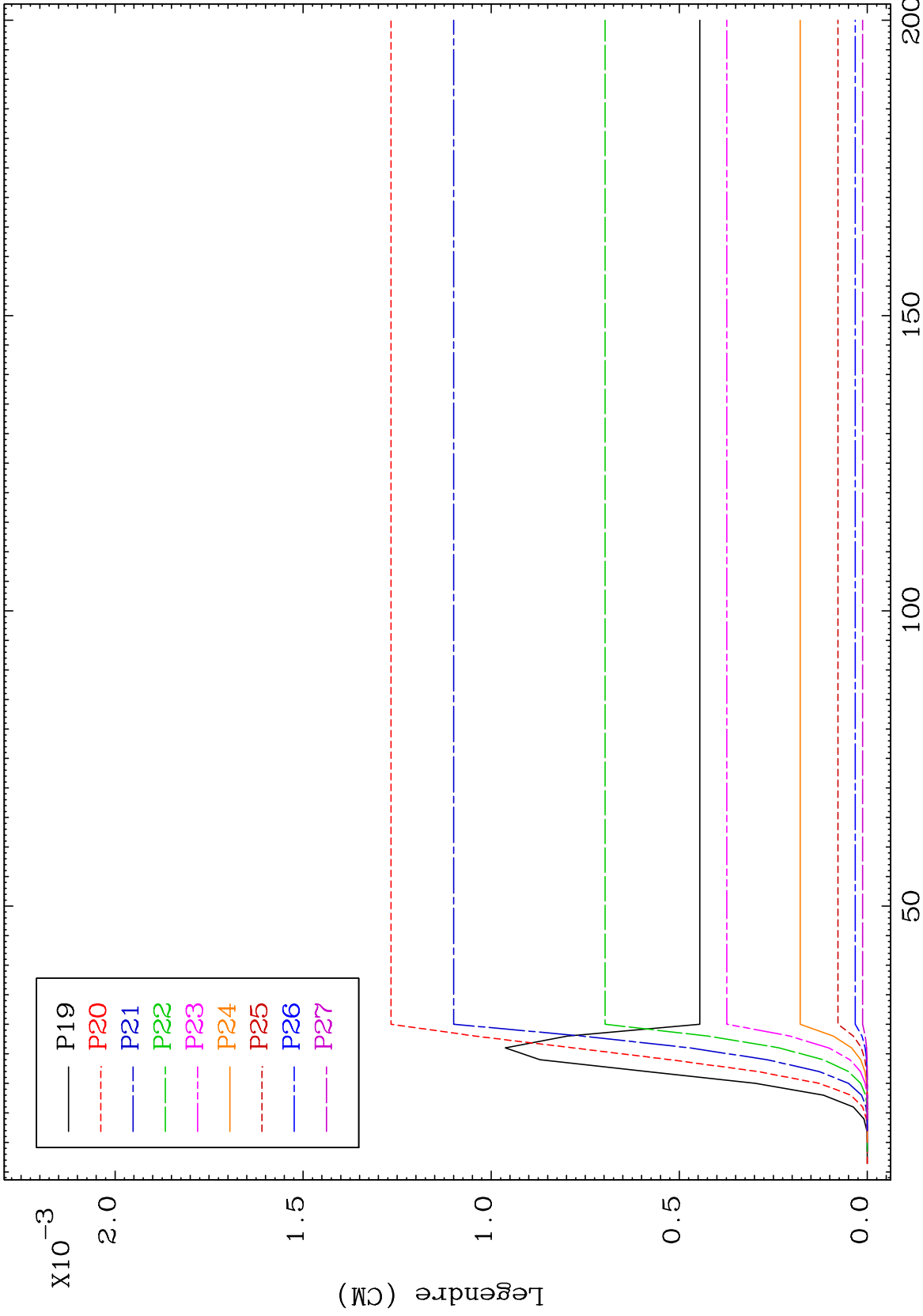
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



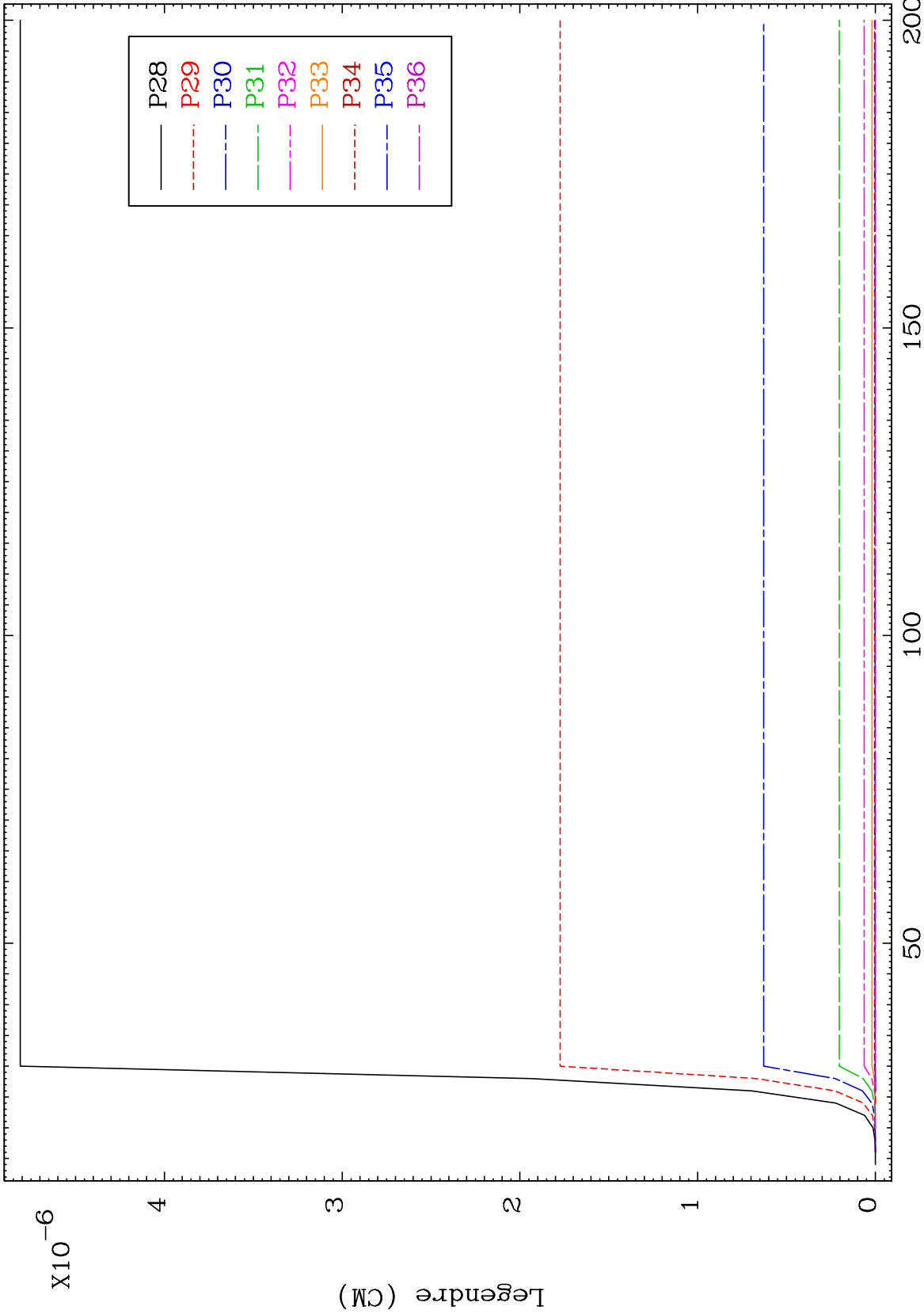
122

63-Eu-149

MAT 6319

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

63-Eu-149



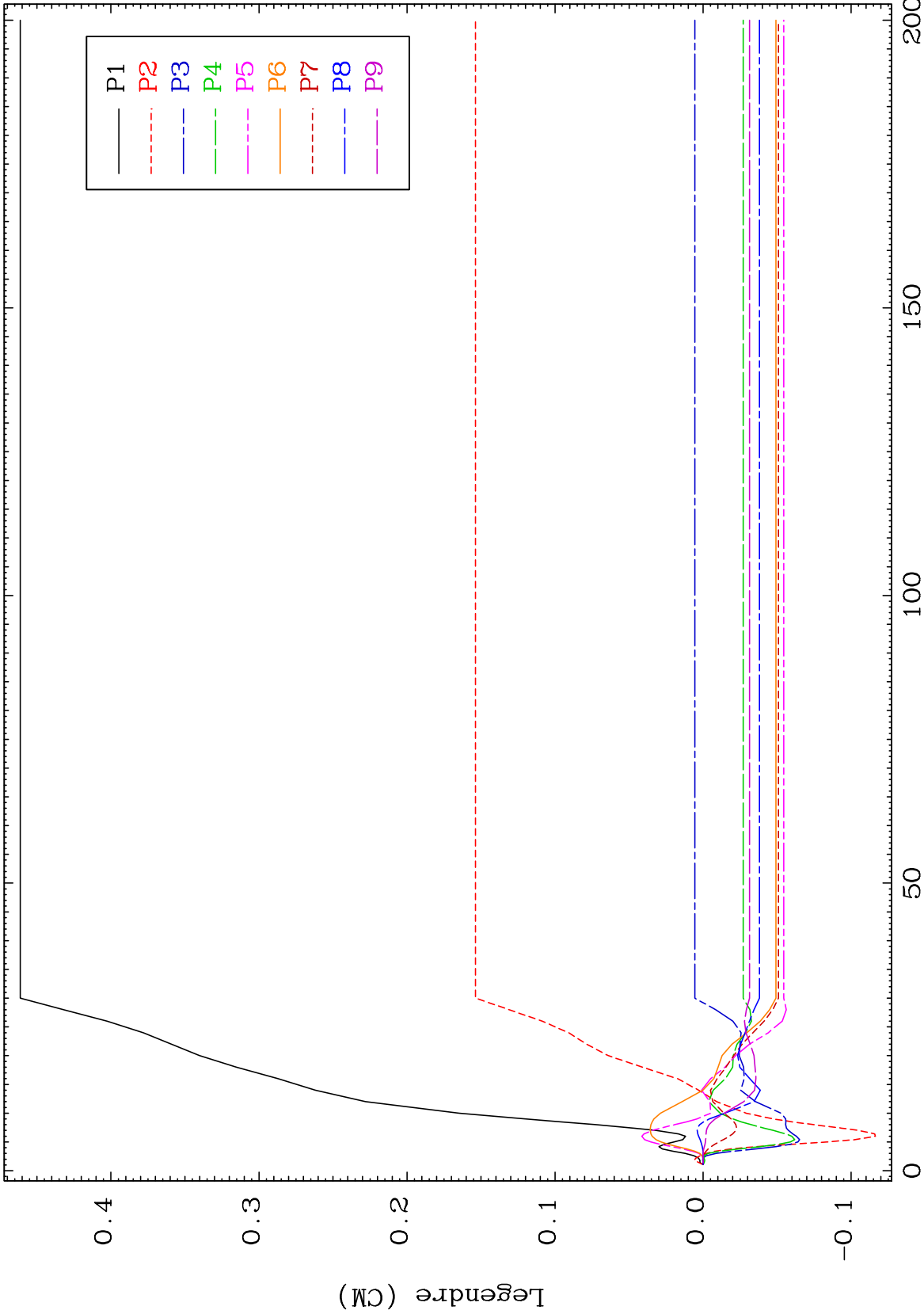
123

63-Eu-149

MAT 6319

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

63-Eu-149



124

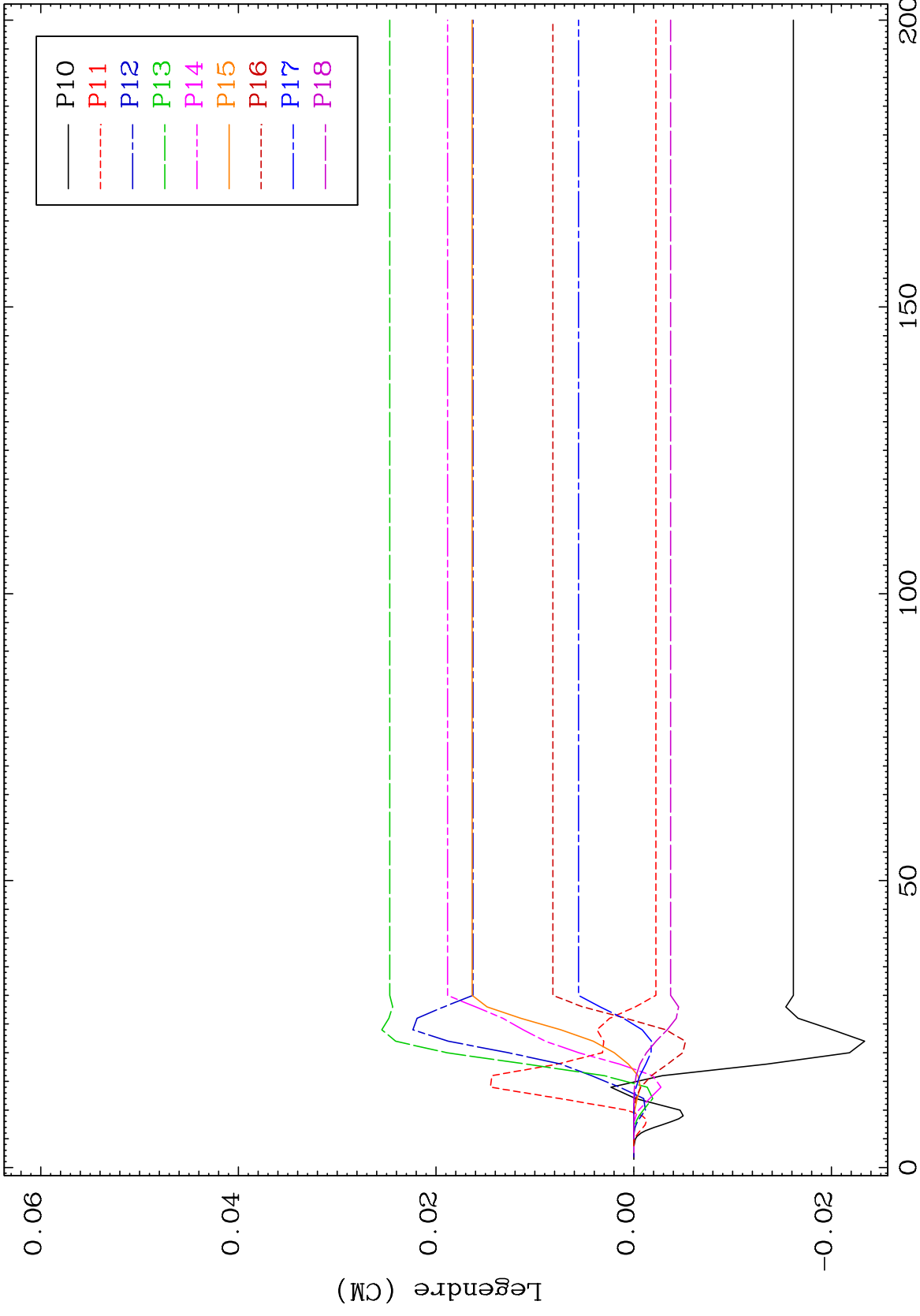
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



125

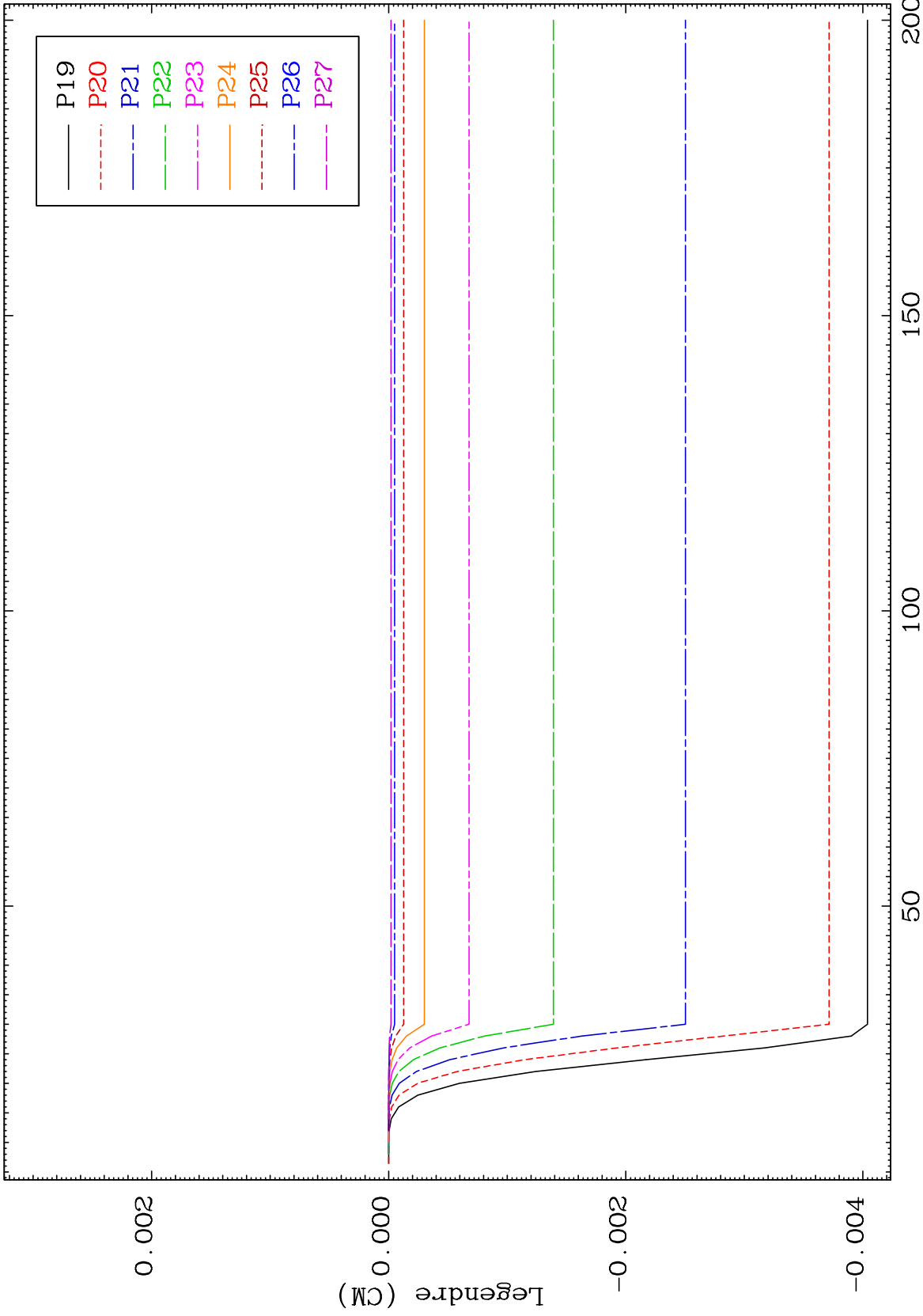
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



126

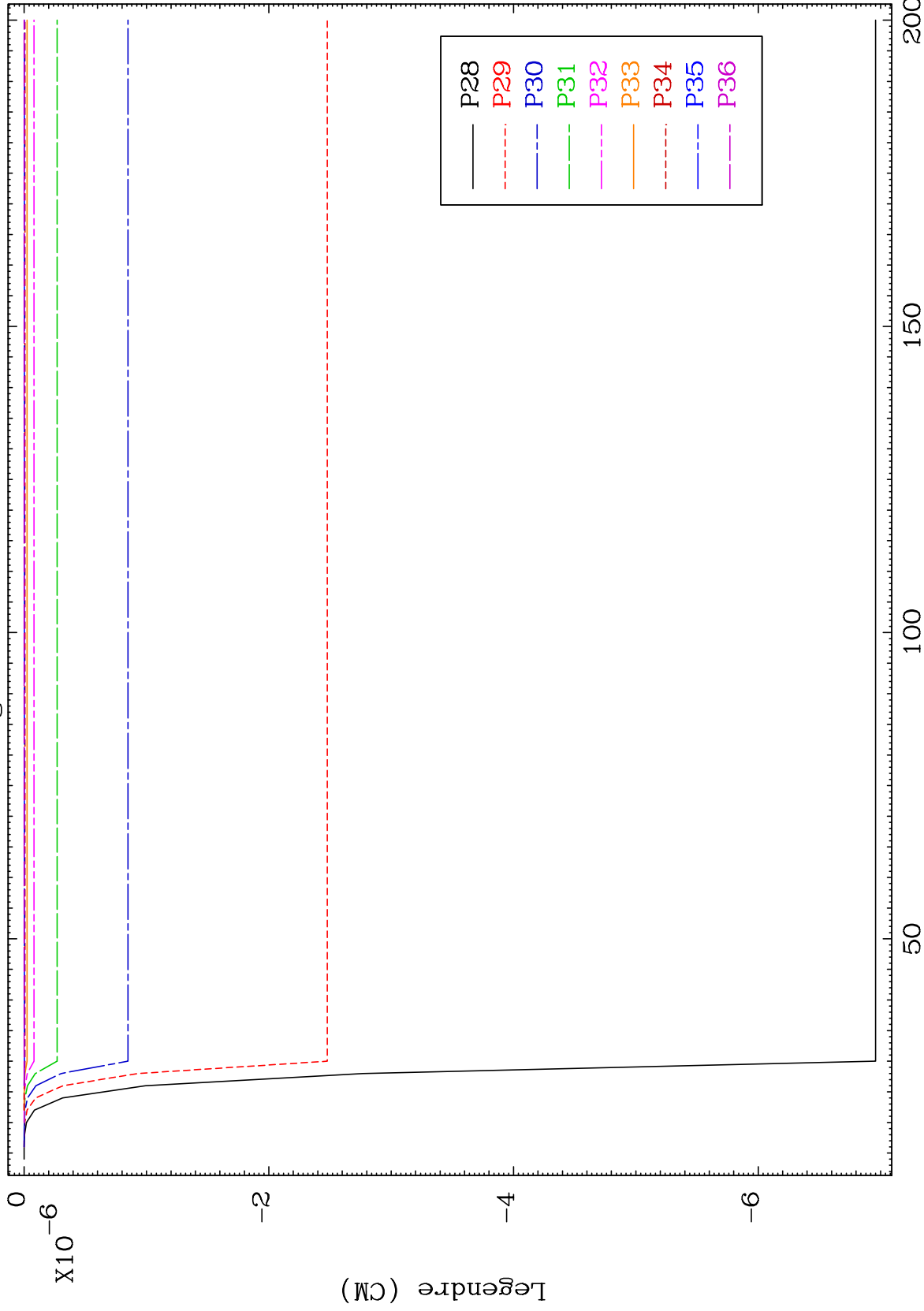
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



63-Eu-149

Incident Energy (MeV)

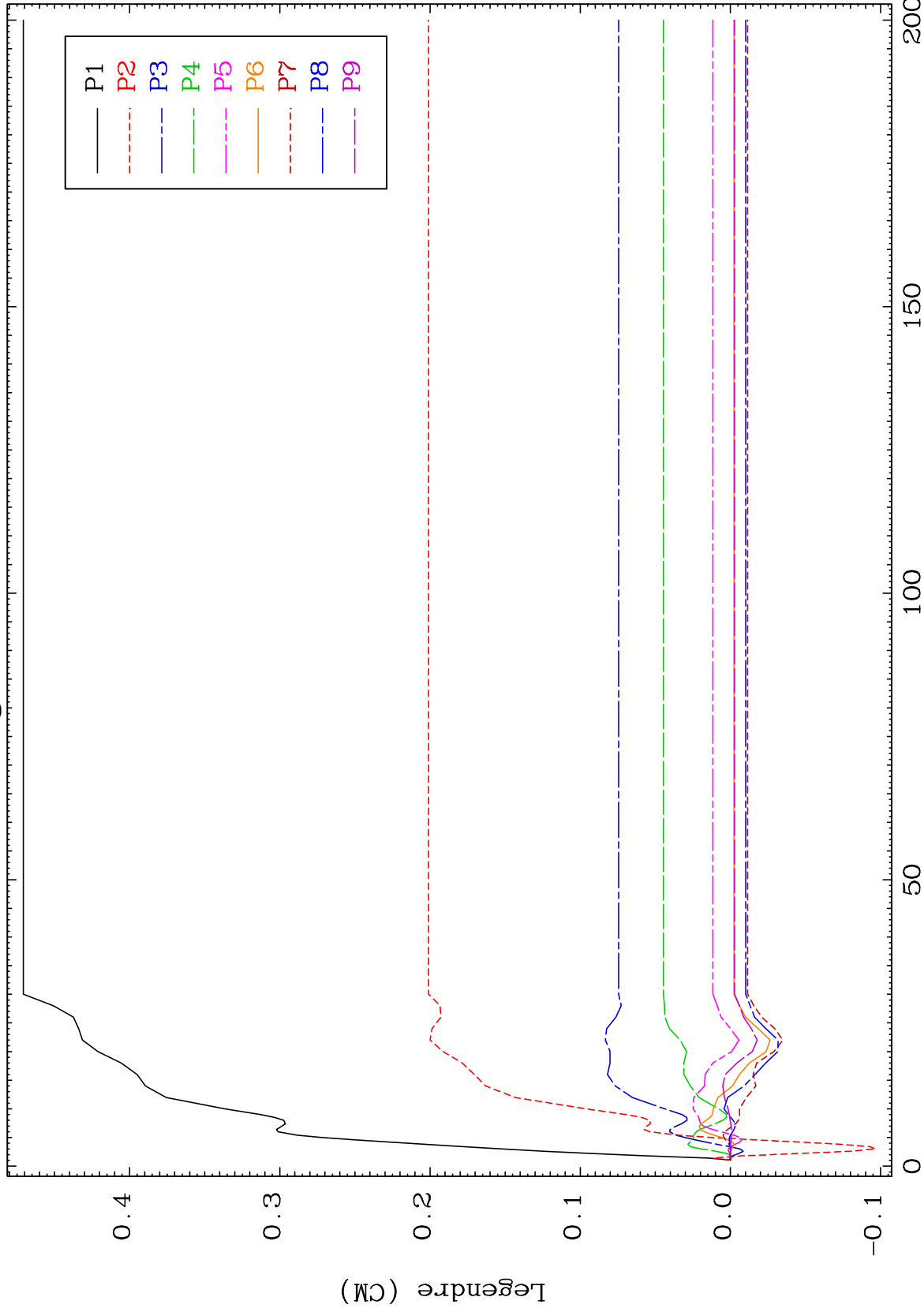
127



MAT 6319

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

63-Eu-149

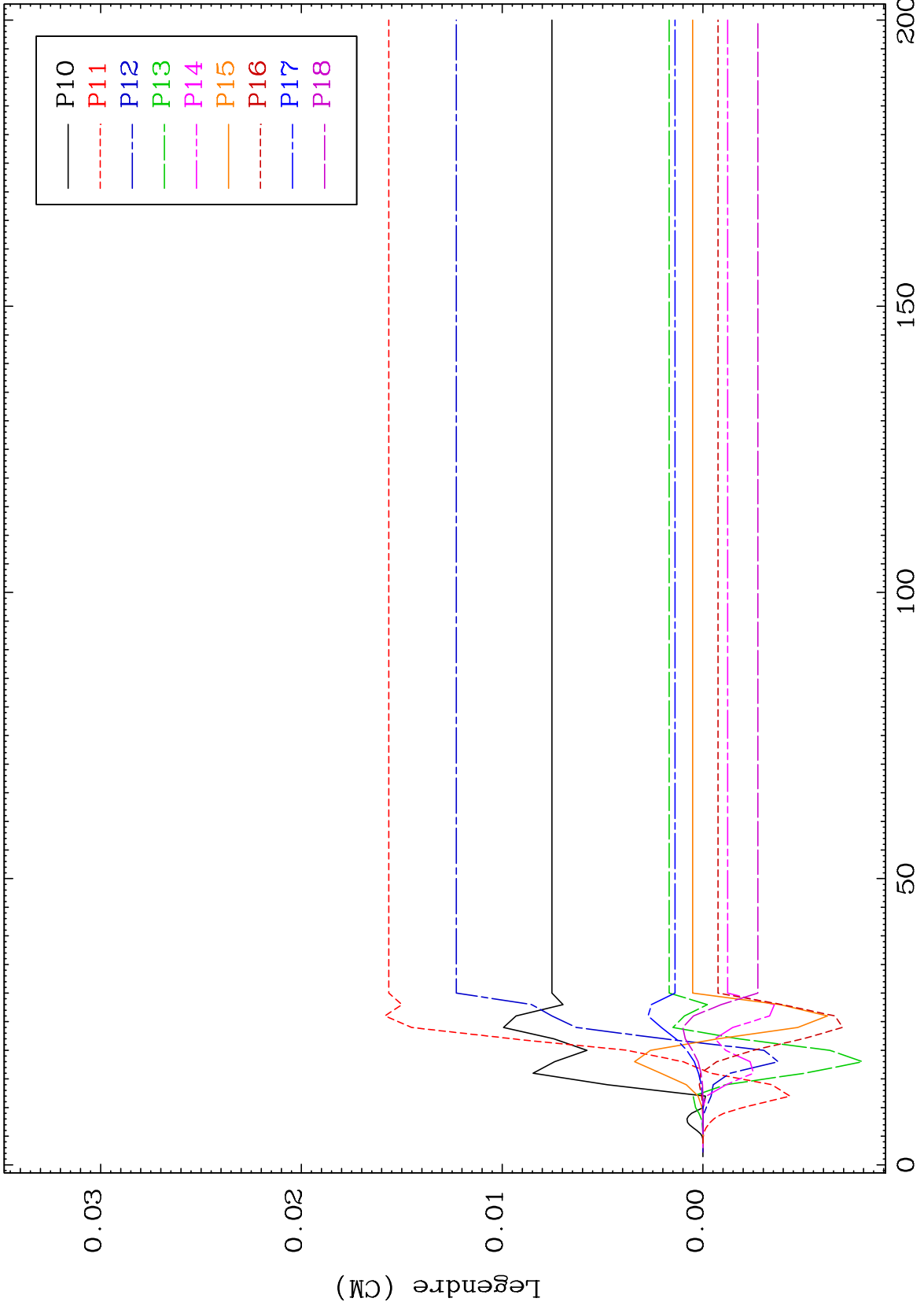


128

Incident Energy (MeV)

63-Eu-149

MAT 6319 MT= 78 (n,n') Level Legendre Coefficients 63-Eu-149

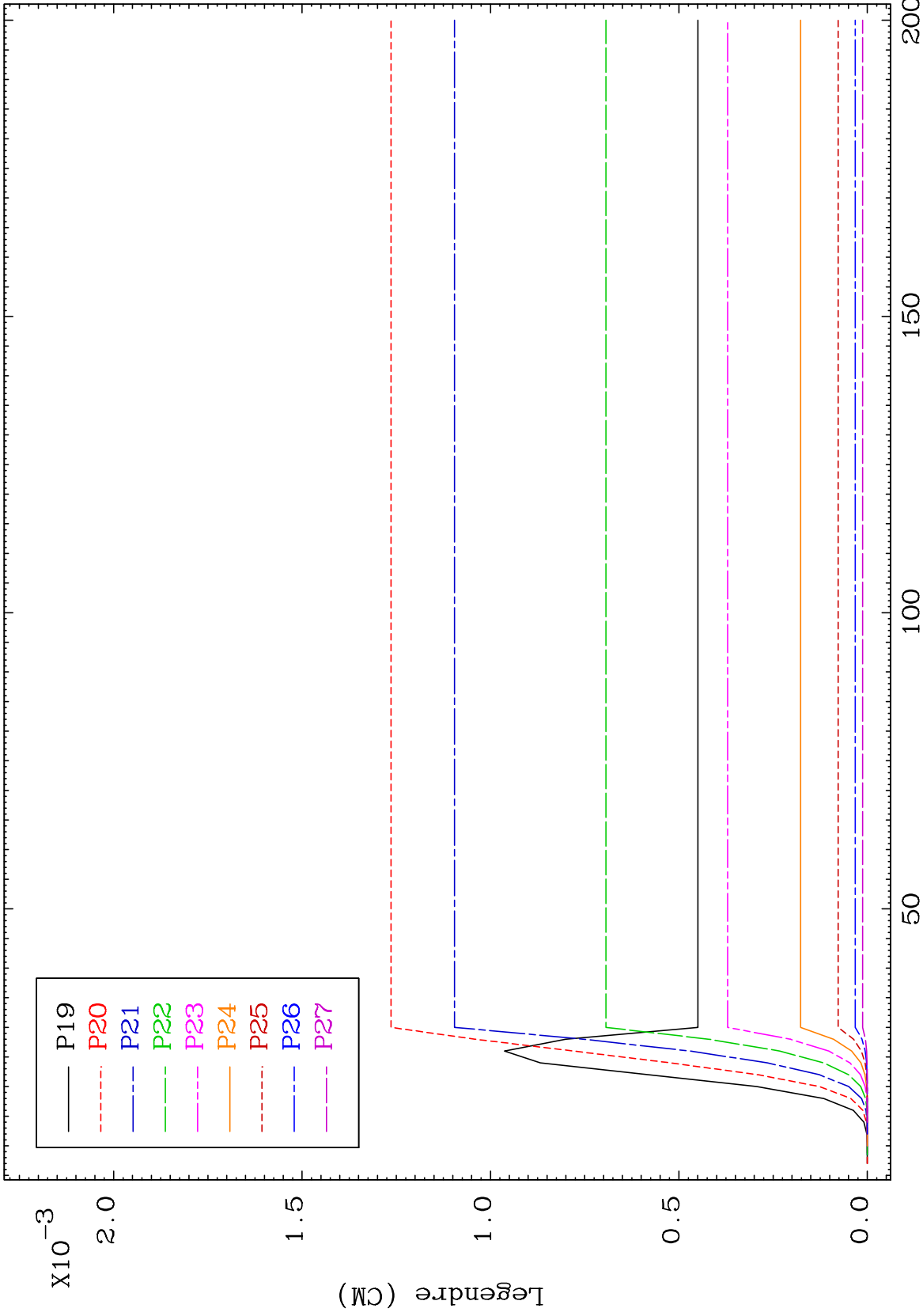


129 63-Eu-149

MAT 6319

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

63-Eu-149



130

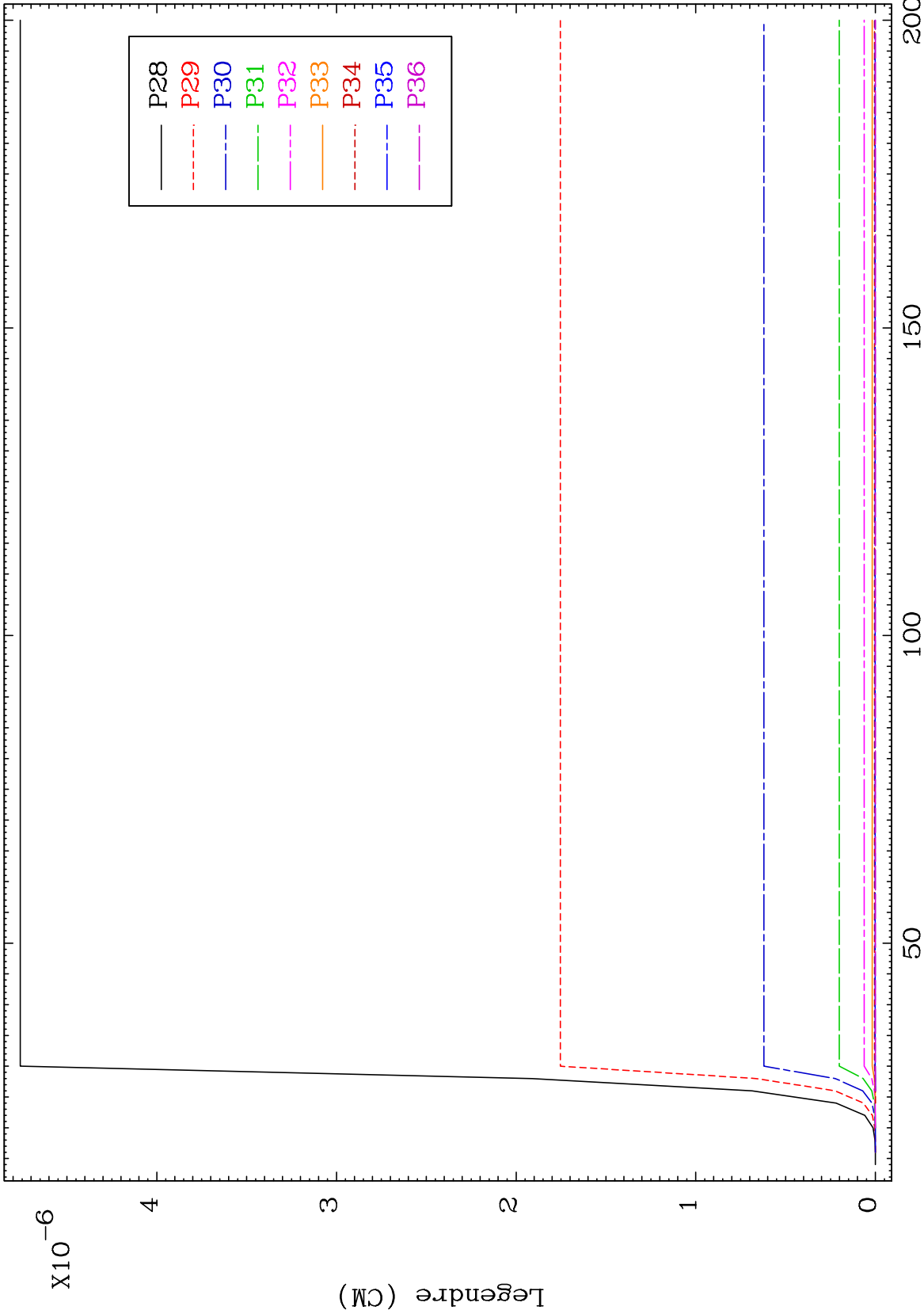
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



131

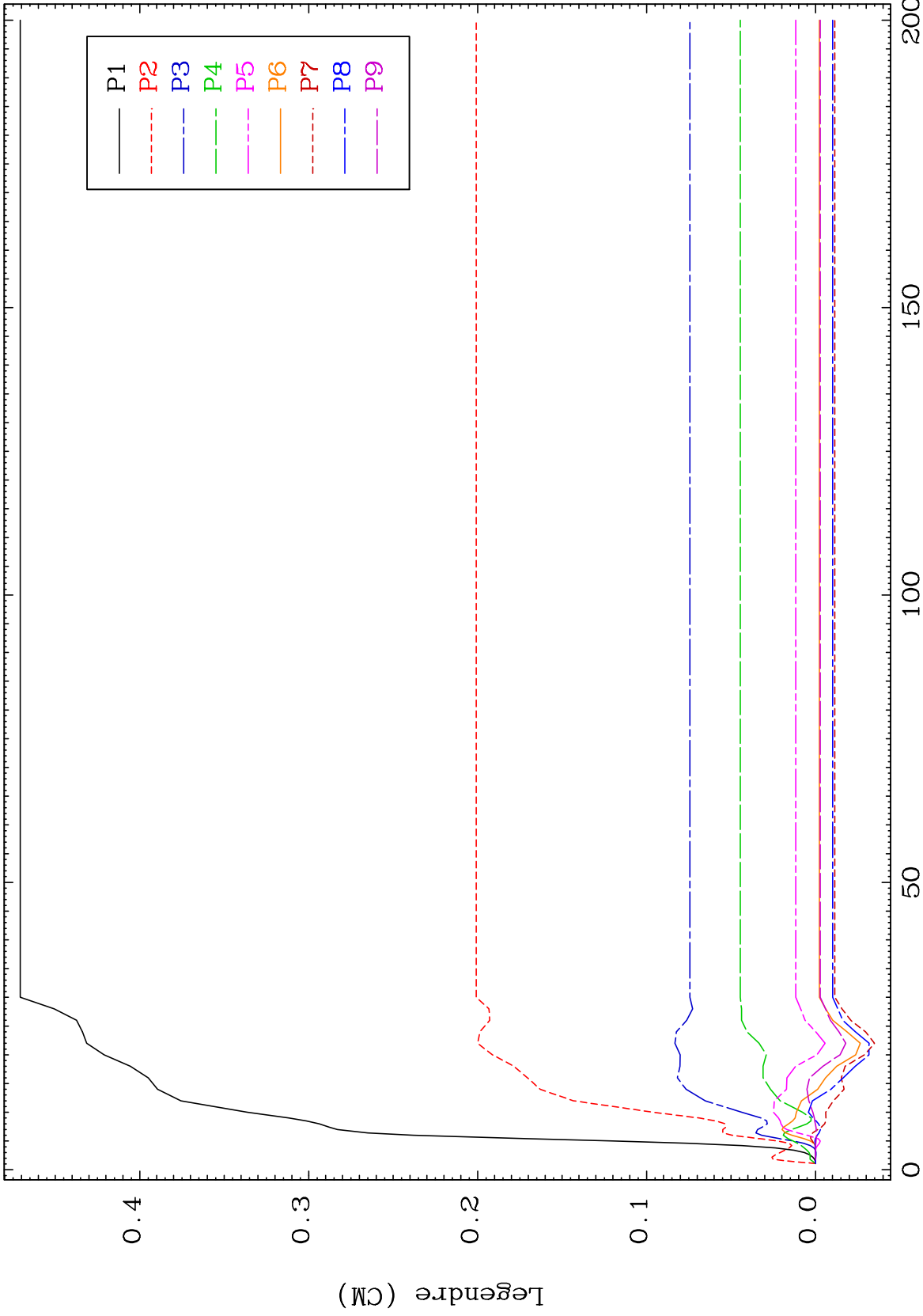
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



132

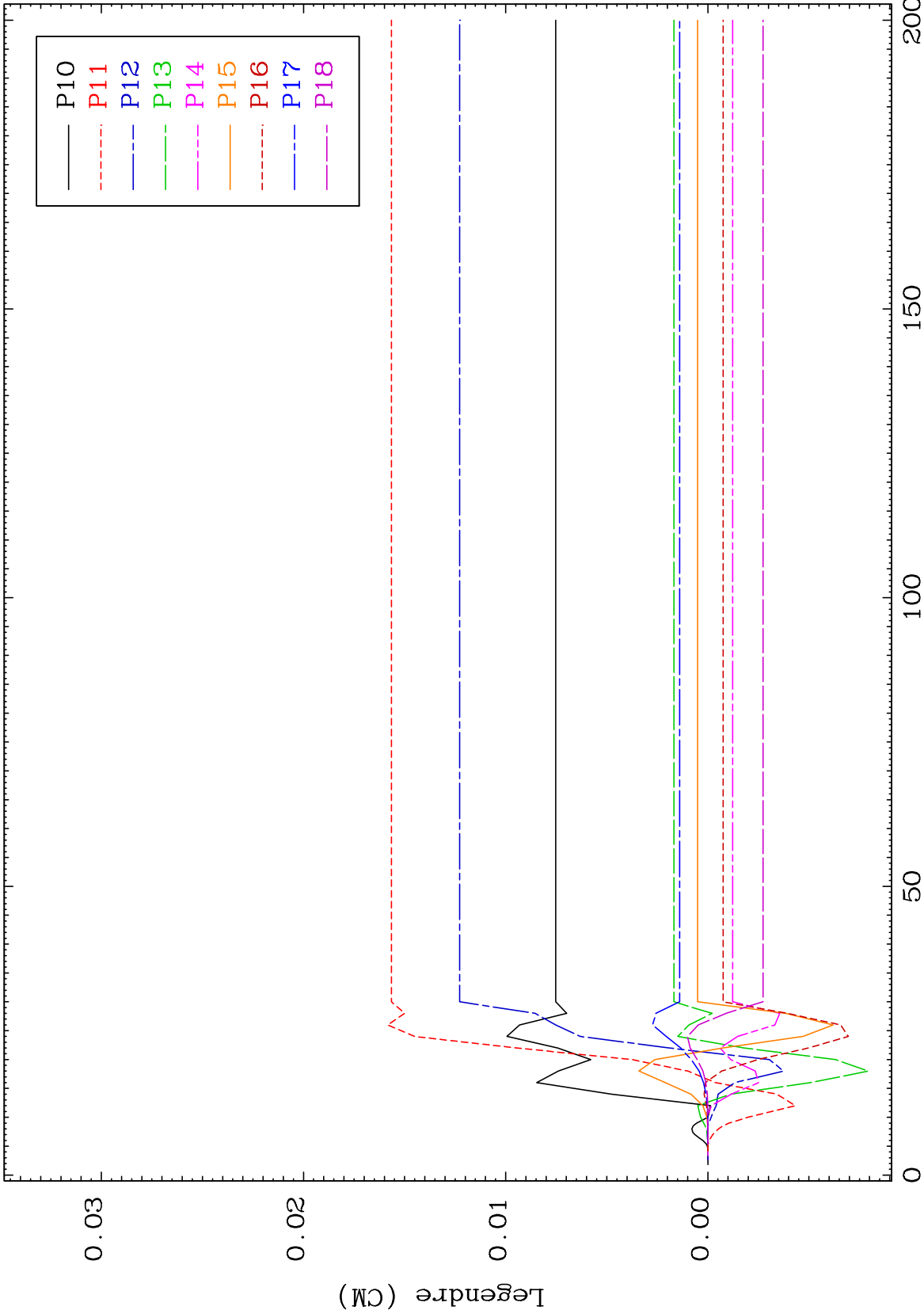
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



133

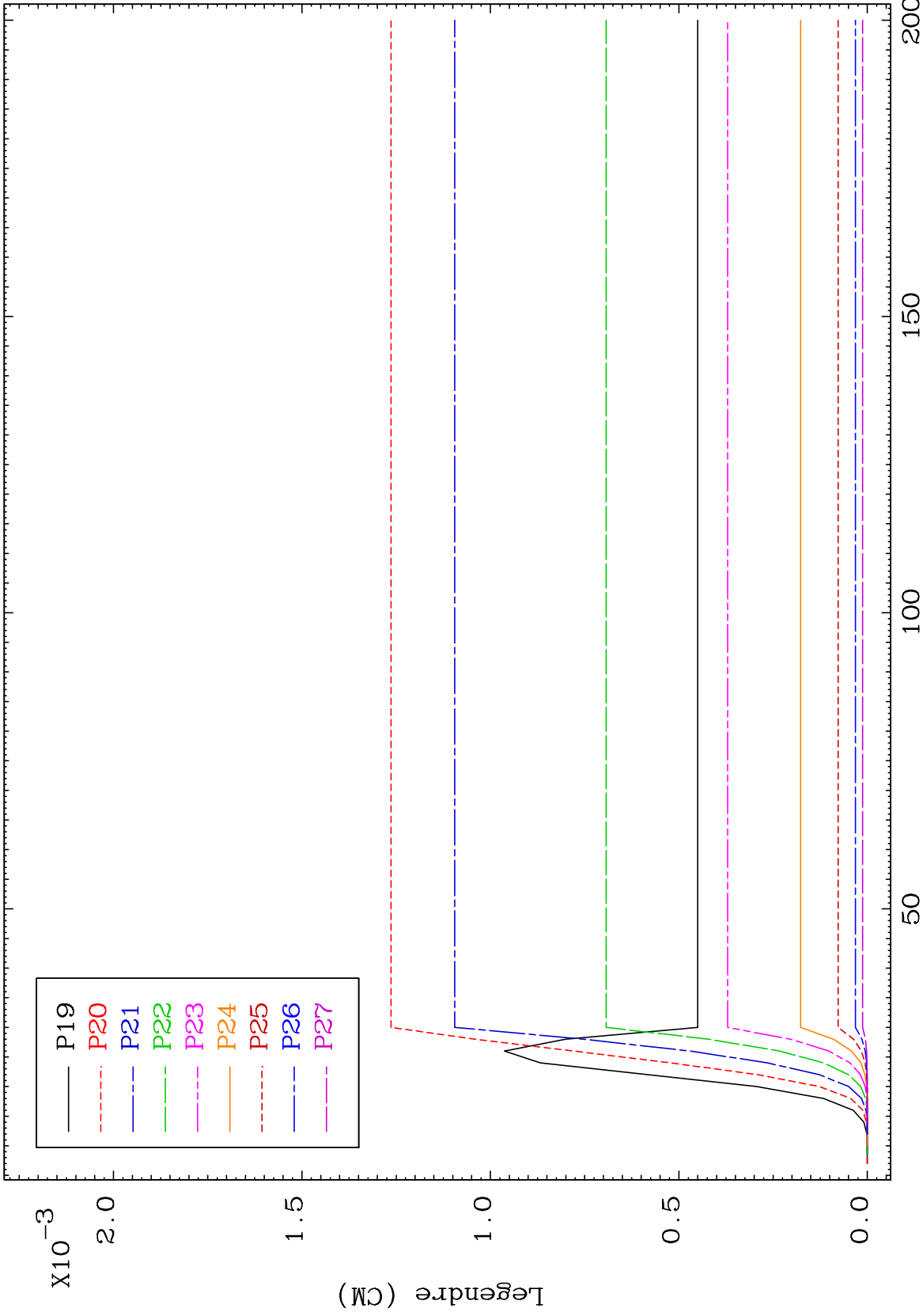
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



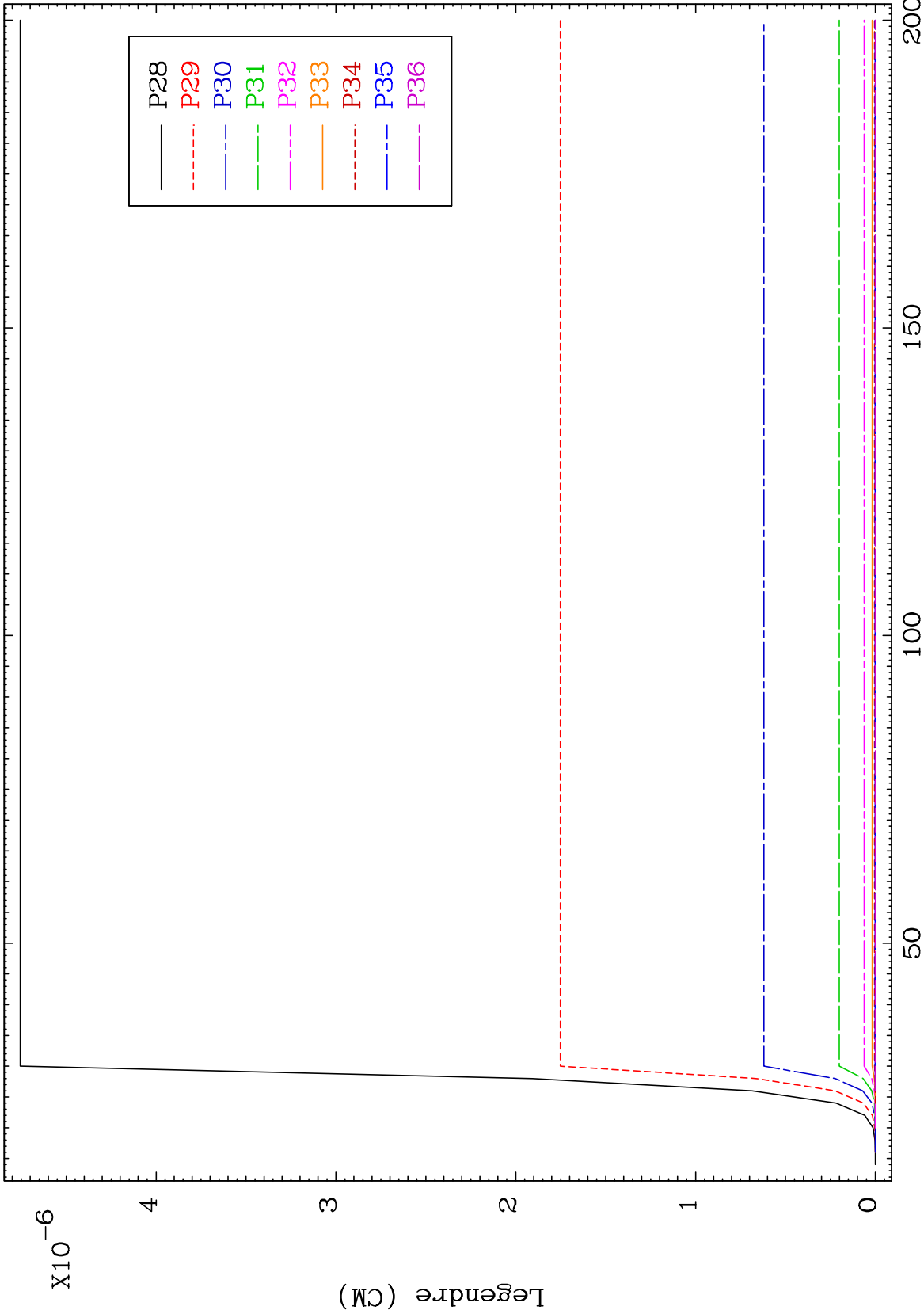
134

63-Eu-149

MAT 6319

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

63-Eu-149



135

Incident Energy (MeV)

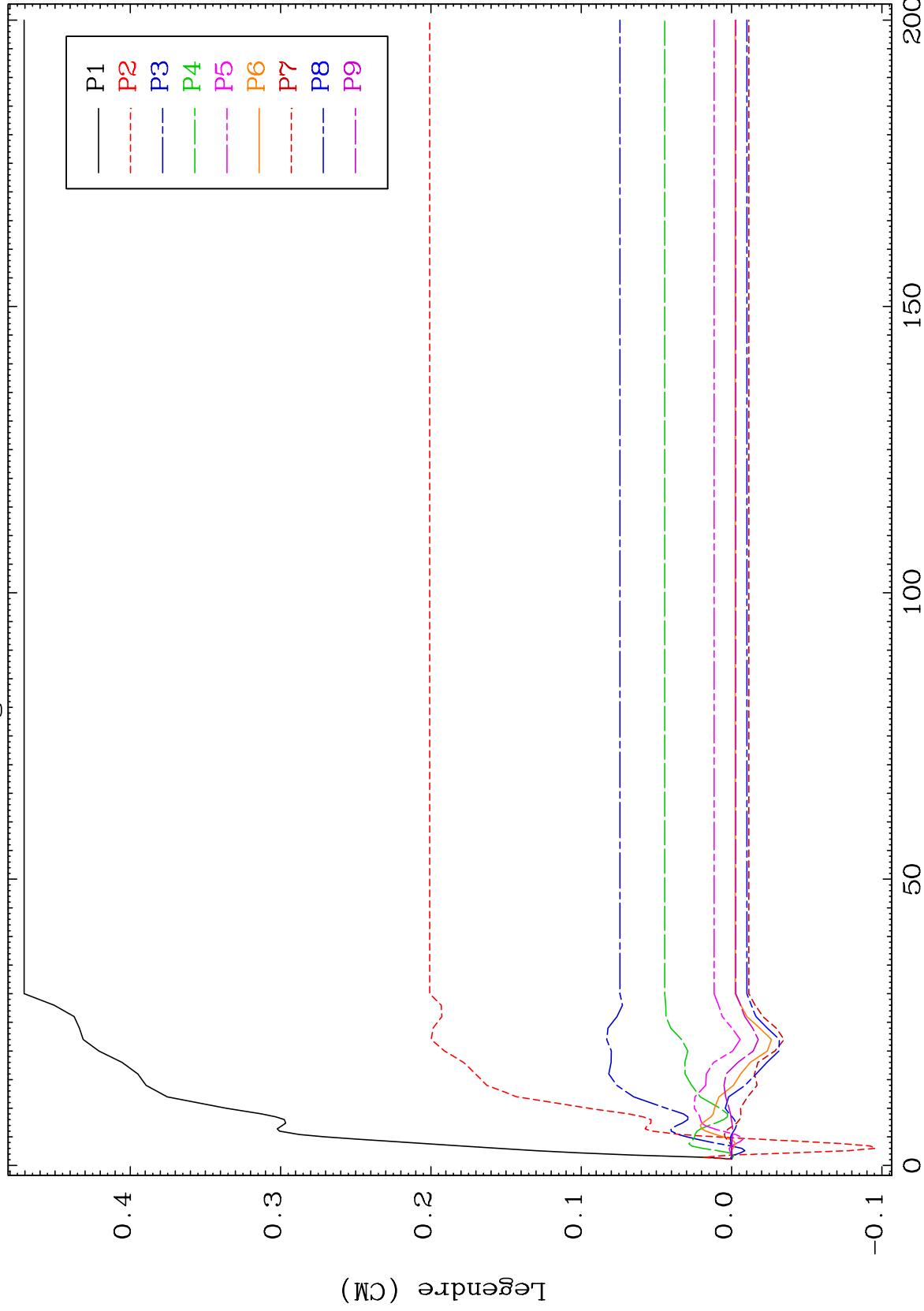
63-Eu-149



MAT 6319

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

63-Eu-149

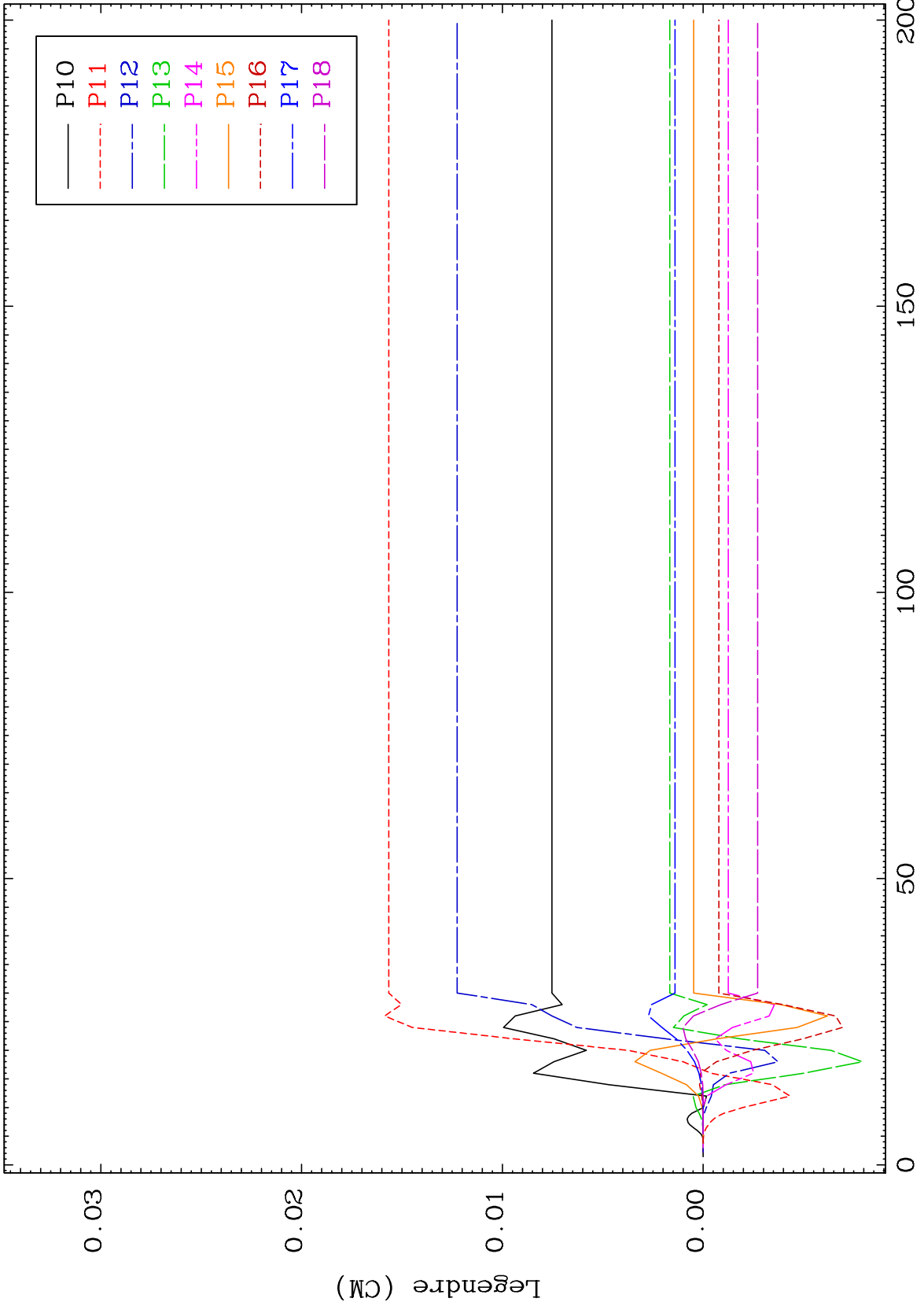


136

Incident Energy (MeV)

63-Eu-149

MAT 6319 MT= 80 (n,n') Level Legendre Coefficients 63-Eu-149

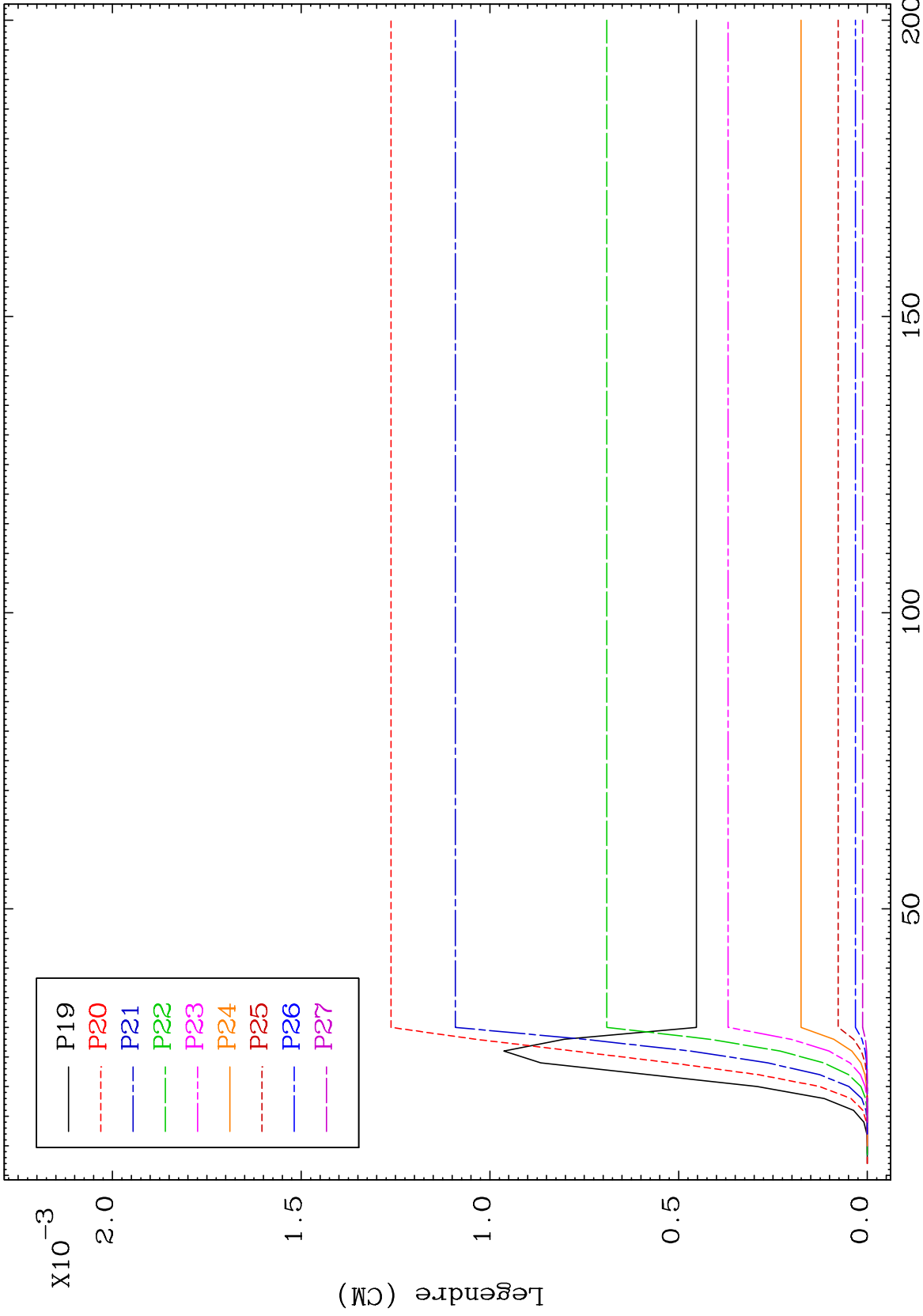


137 63-Eu-149

MAT 6319

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

63-Eu-149



138

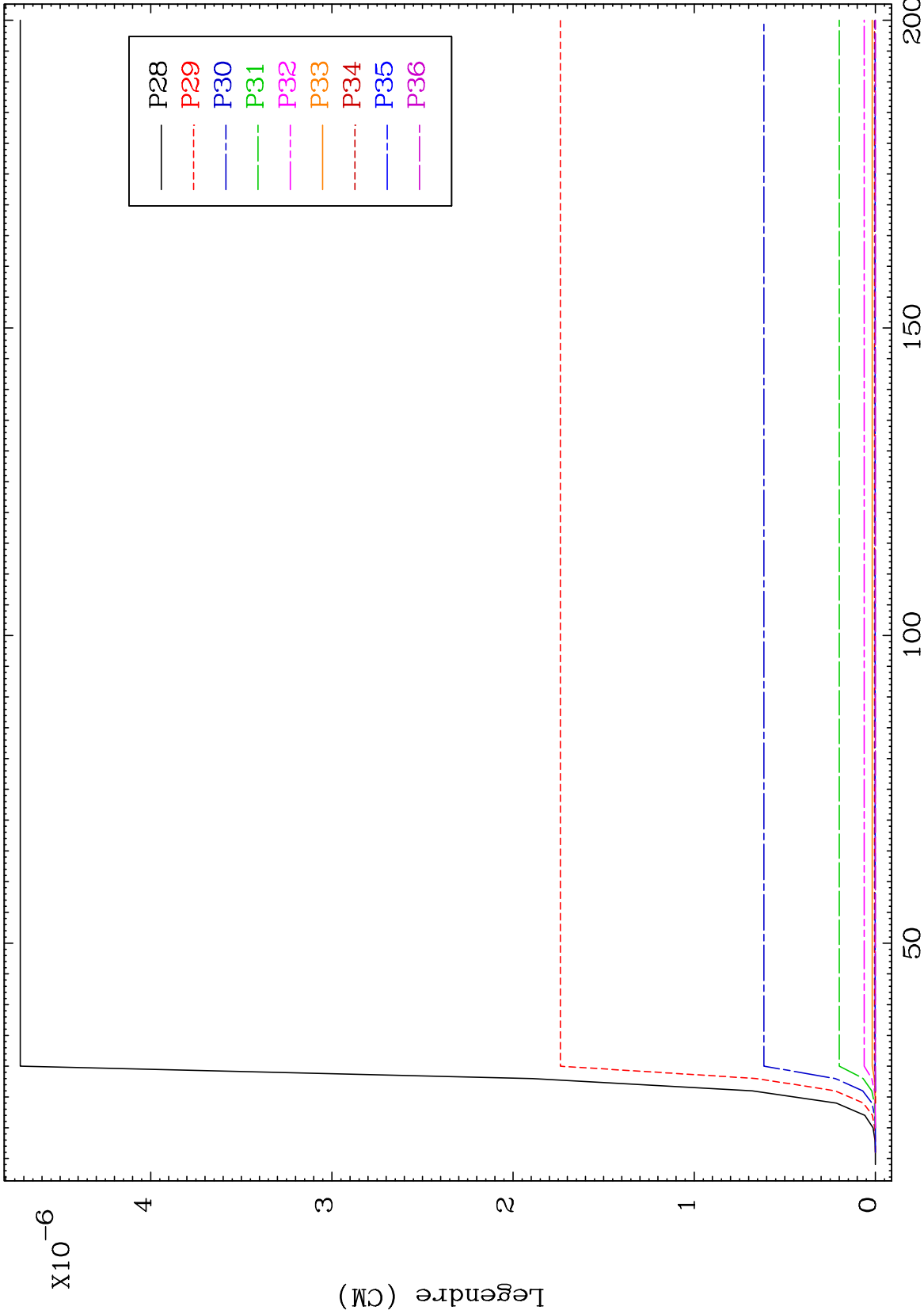
Incident Energy (MeV)

63-Eu-149

MAT 6319

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

63-Eu-149



139

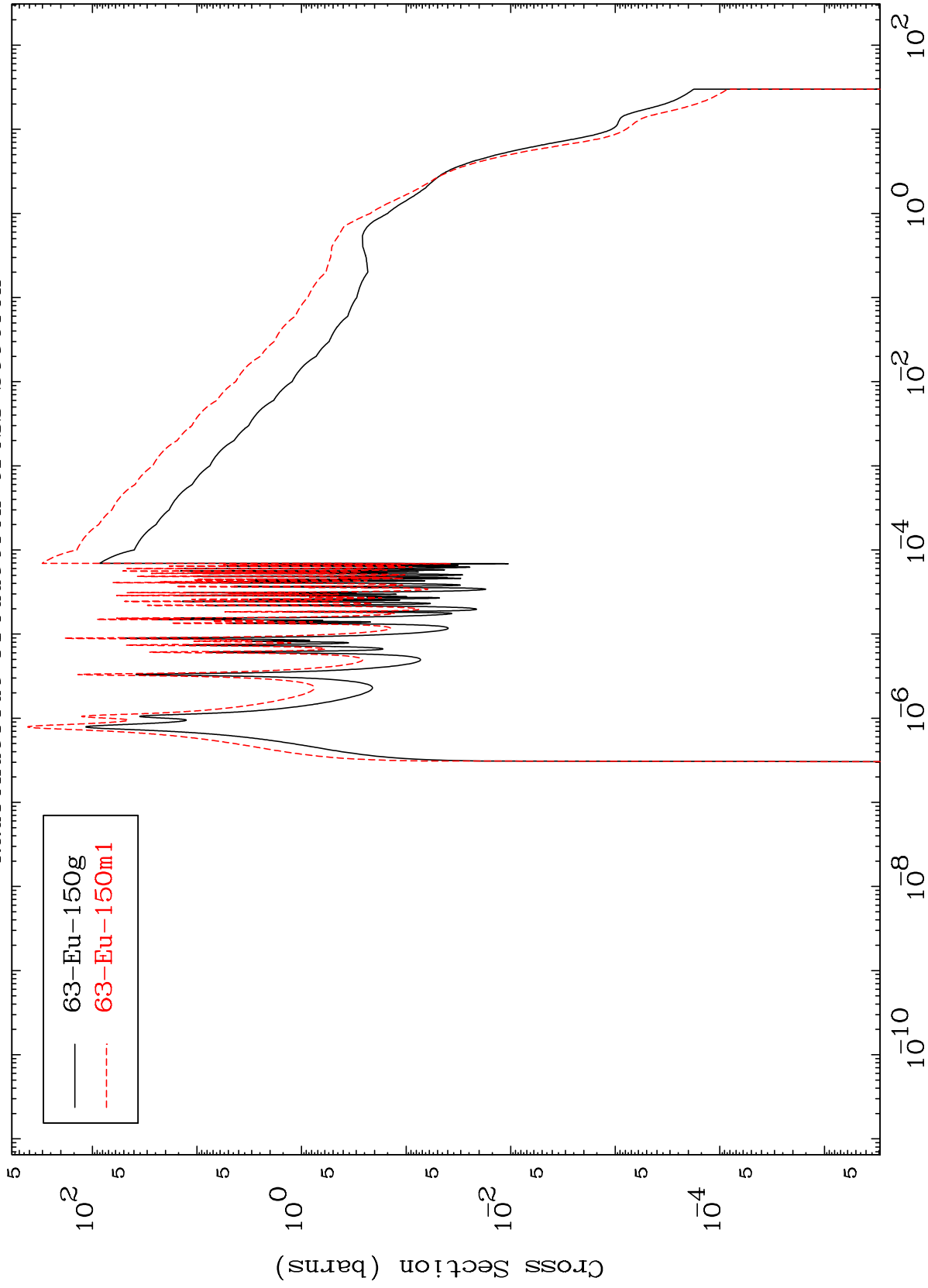
Incident Energy (MeV)

63-Eu-149

MAT 6319

63-Eu-149

Radionuclide Production Cross Section (n,γ)



140

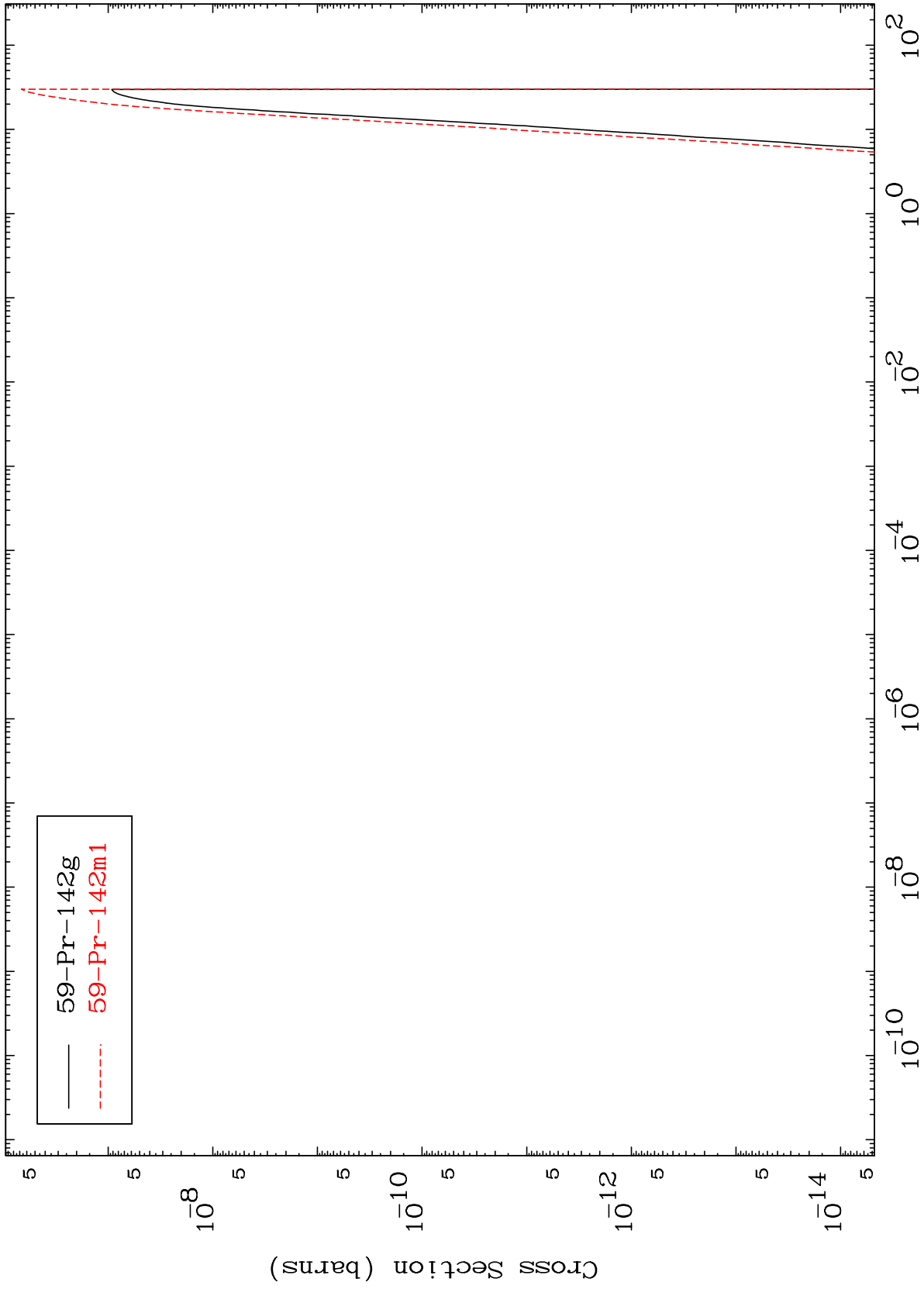
63-Eu-149

MAT 6319

(n,2α)

63-Eu-149

Radionuclide Production Cross Section



141

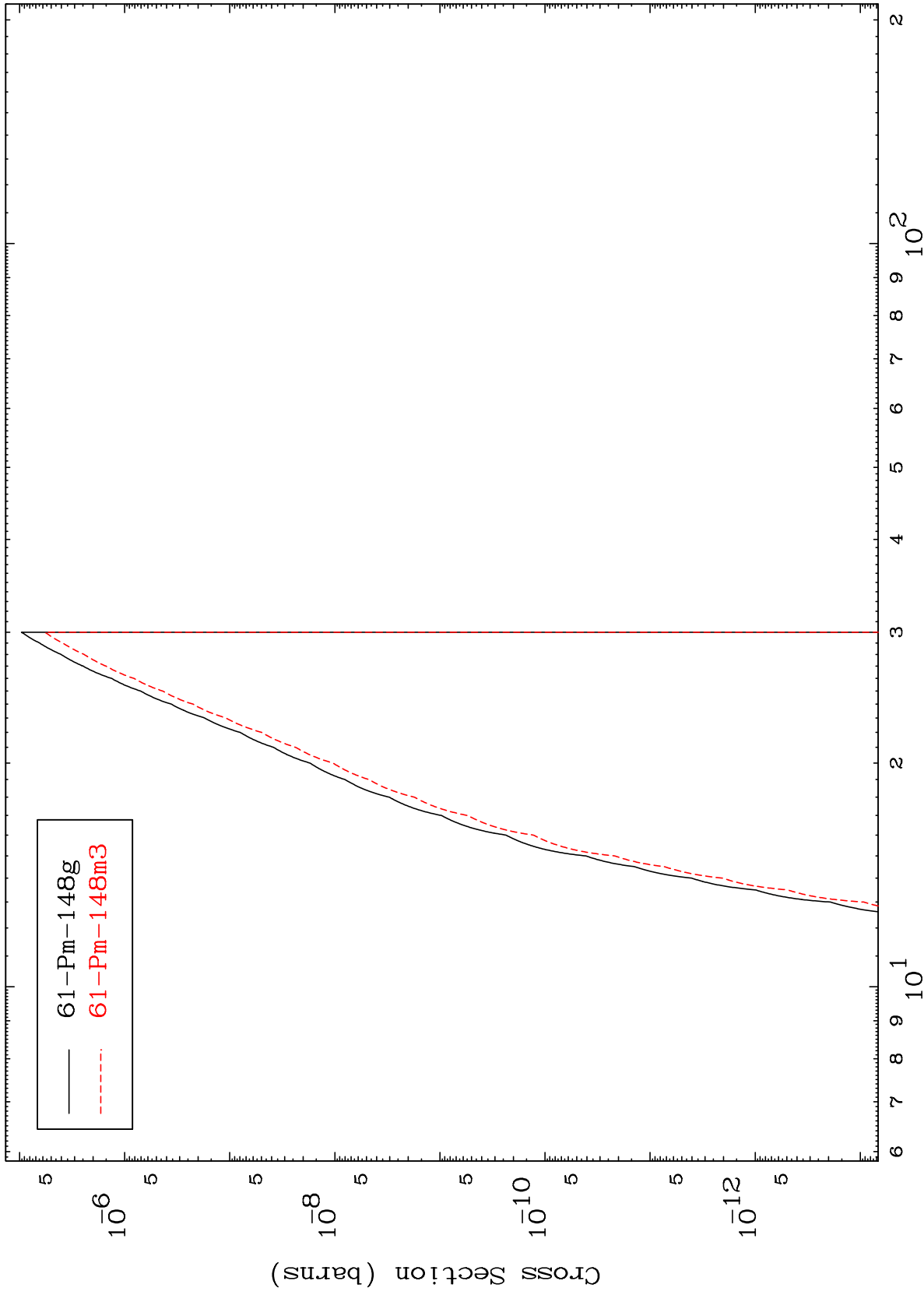
Incident Energy (MeV)

63-Eu-149

MAT 6319

63-Eu-149

Radionuclide Production Cross Section (n,2p)



142

Incident Energy (MeV)

63-Eu-149