

Program EVALPLOT
(Version 2018-1)

by

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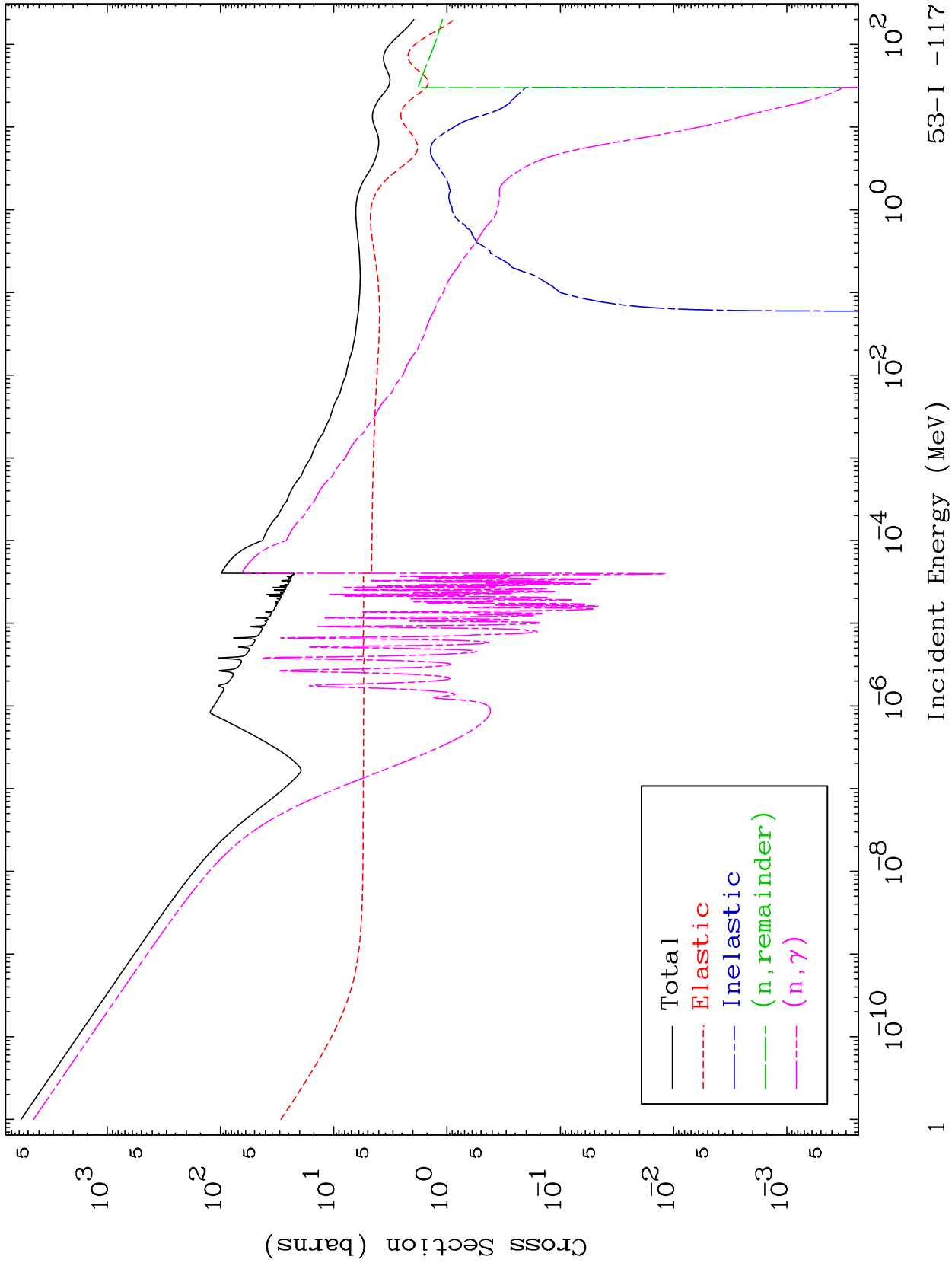
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5295

Major
293 Kelvin Cross Sections

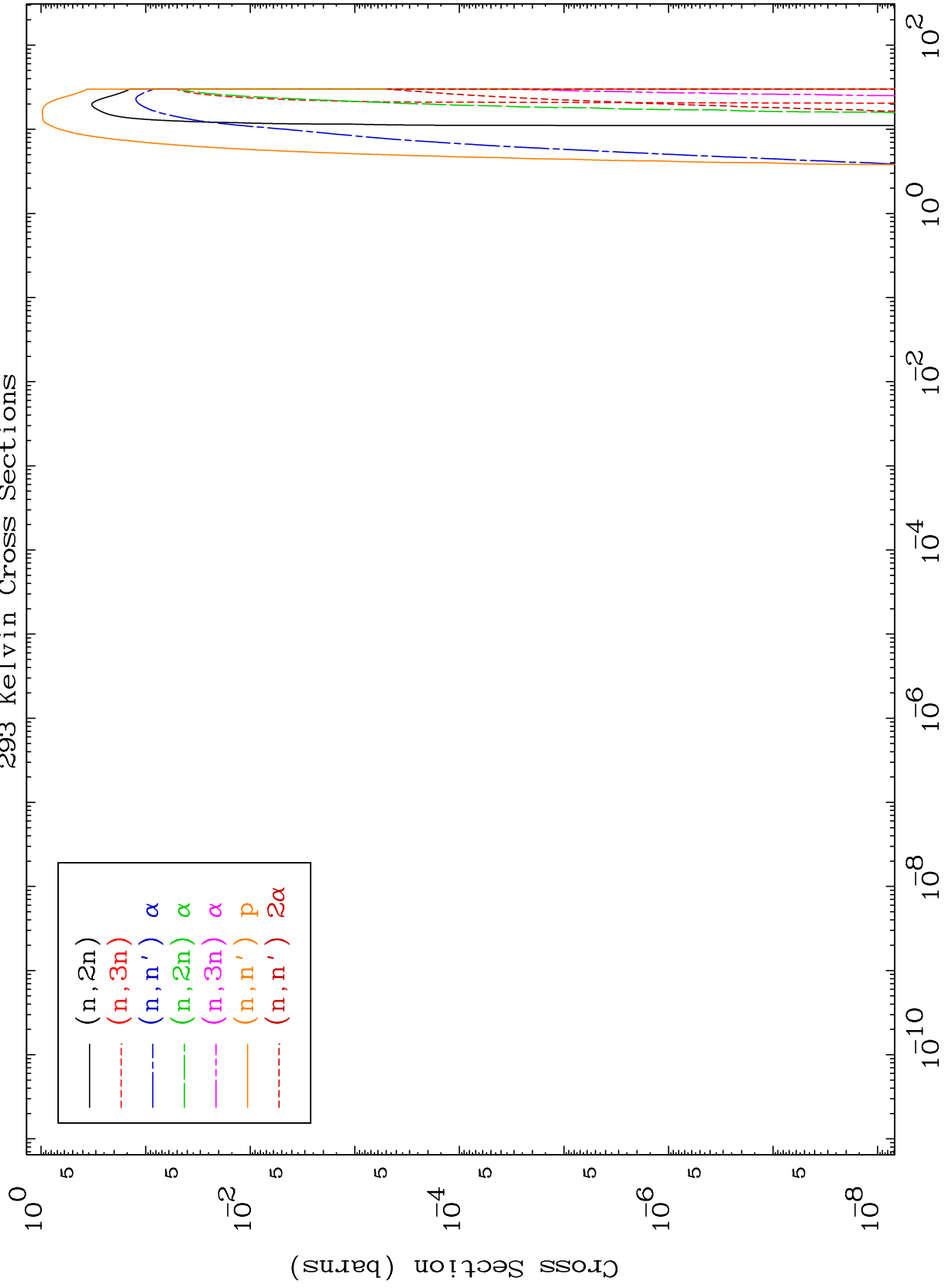
53-I -117



MAT 5295

Neutron Production
293 Kelvin Cross Sections

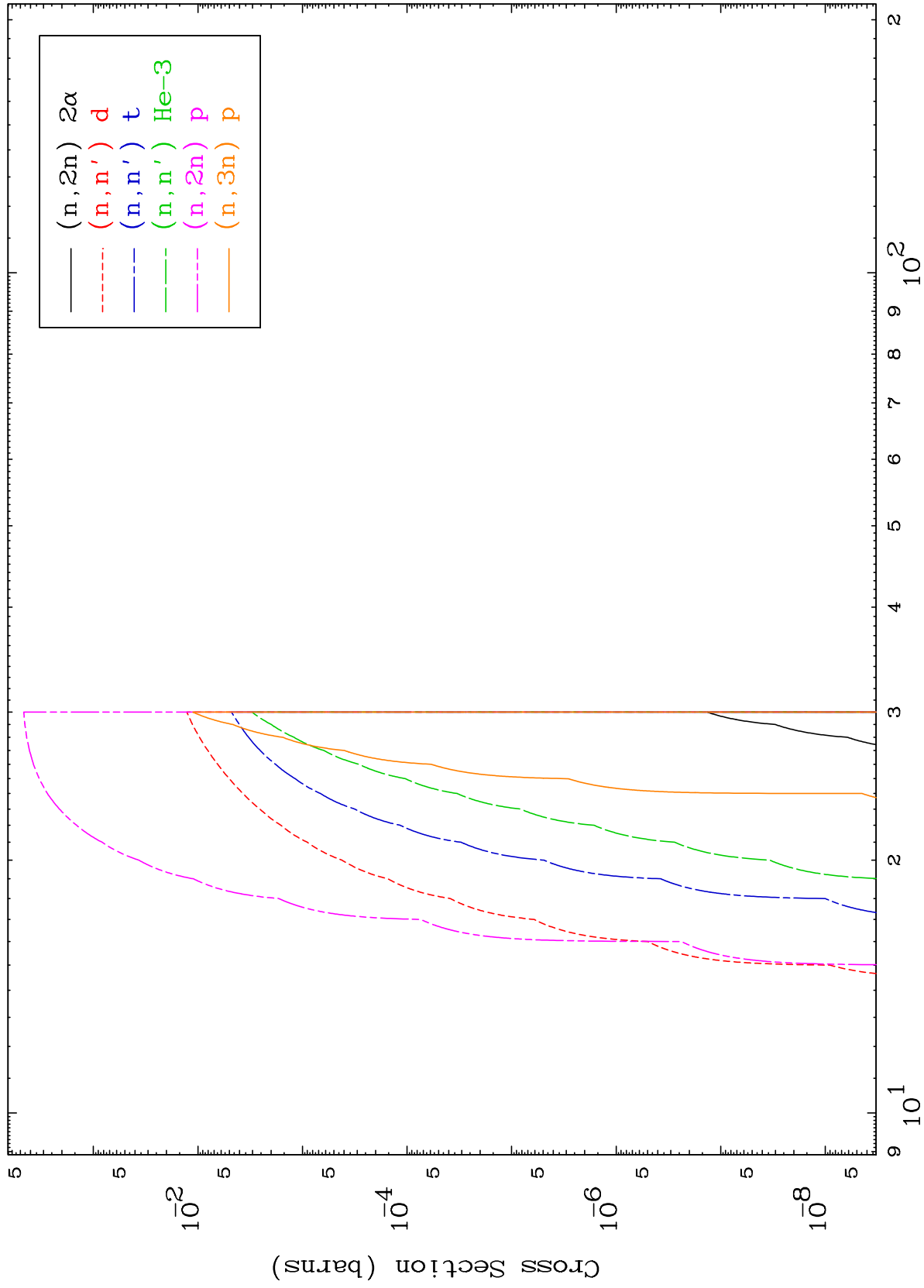
53-I -117



2

Incident Energy (MeV)

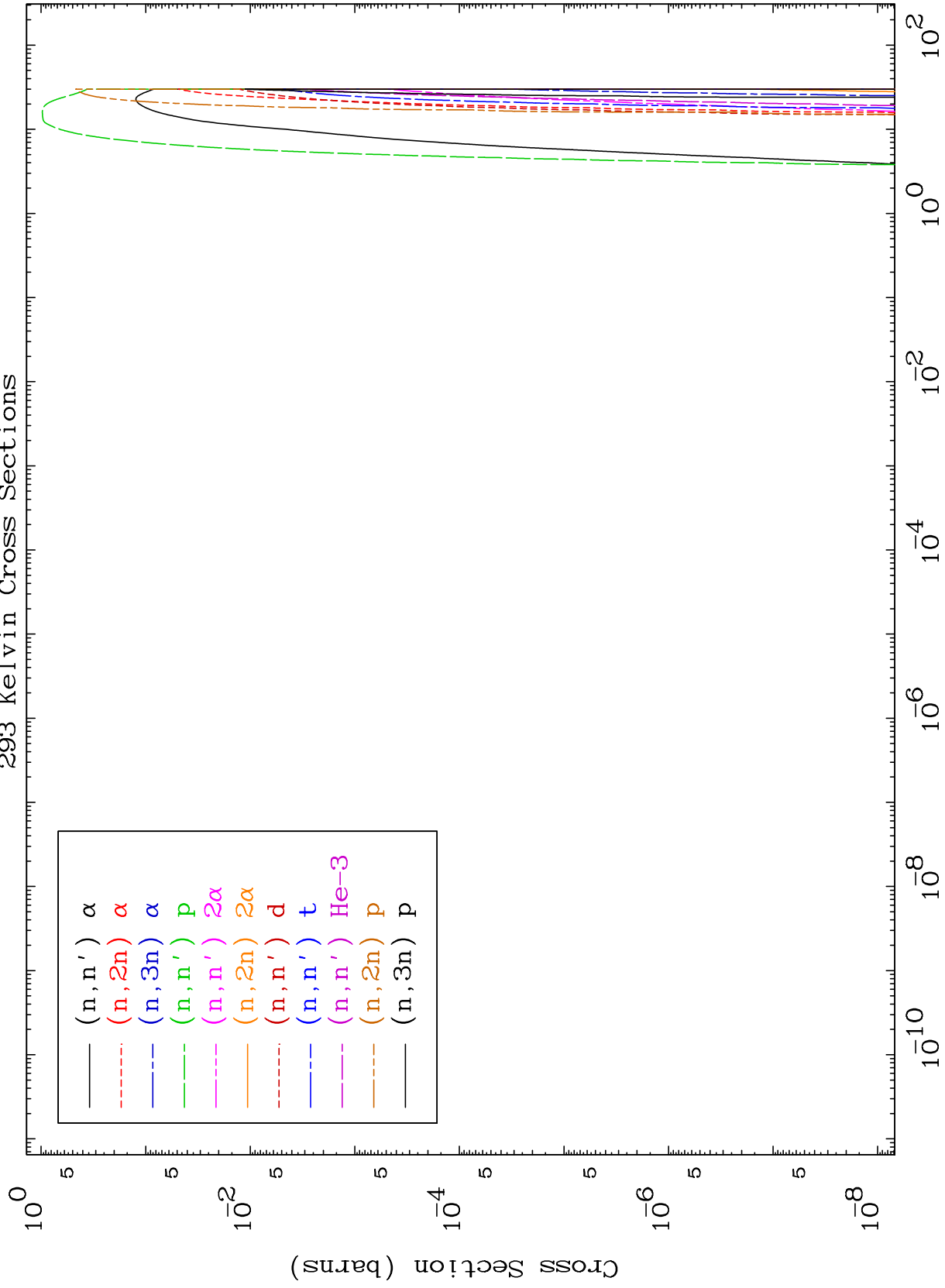
53-I -117

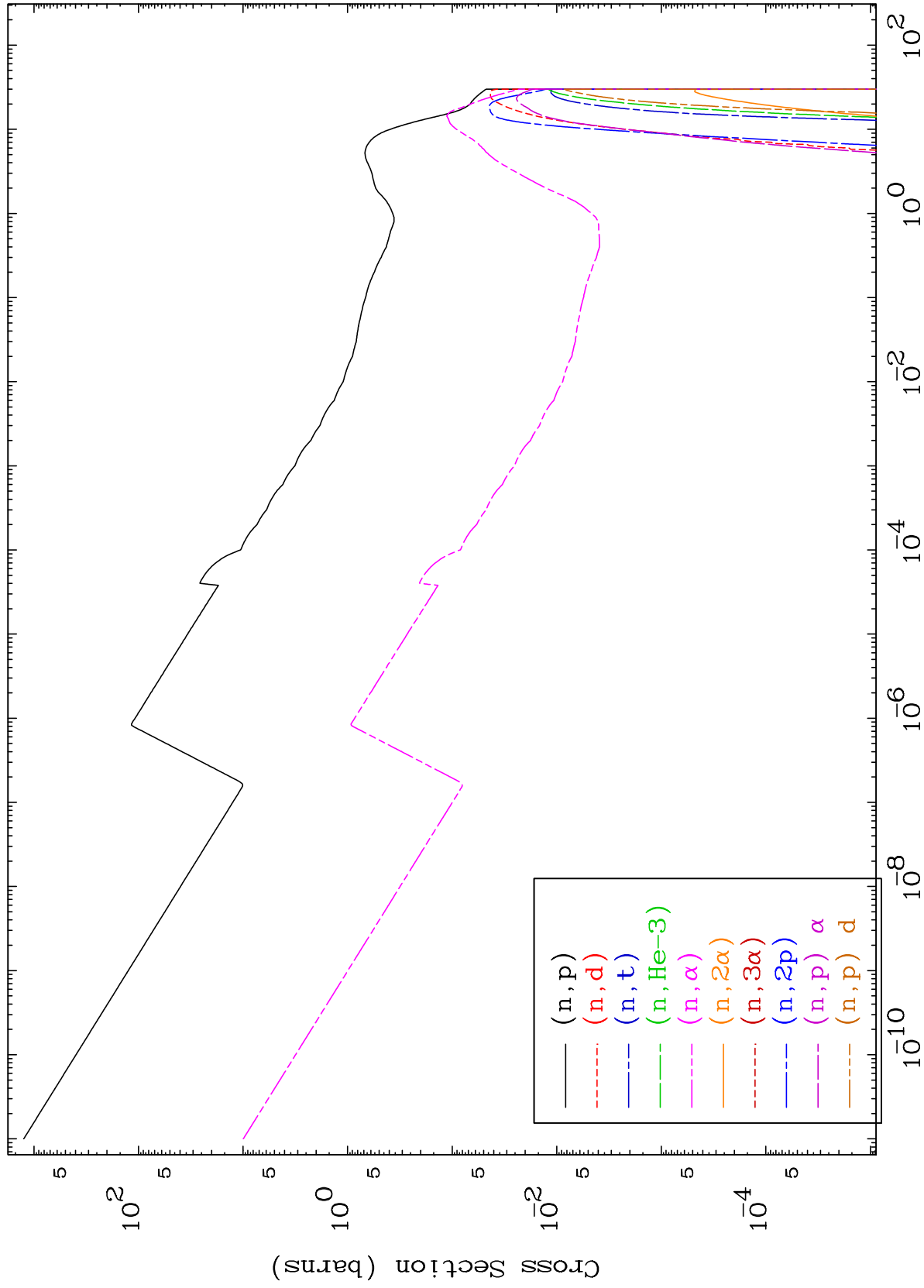


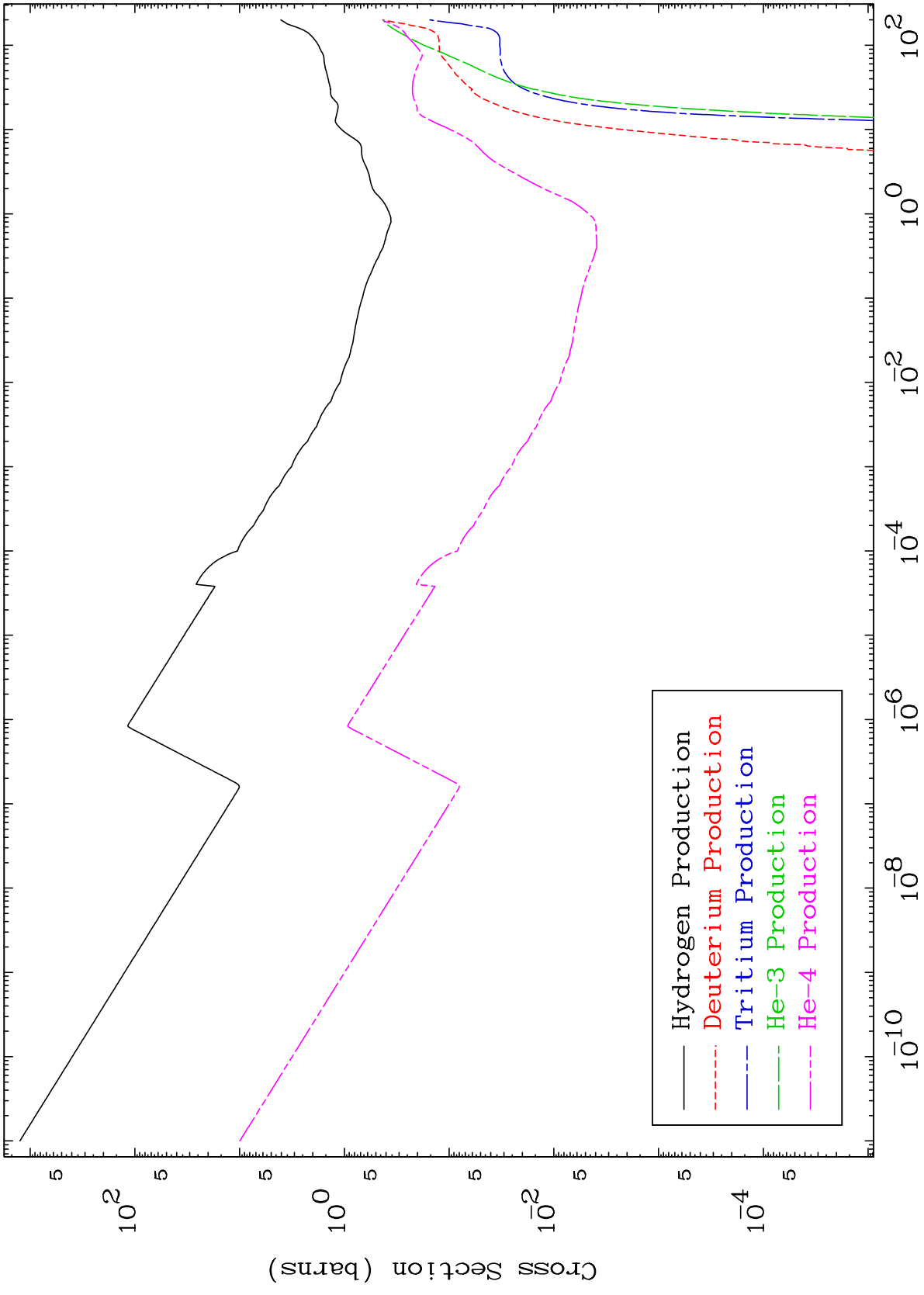
MAT 5295

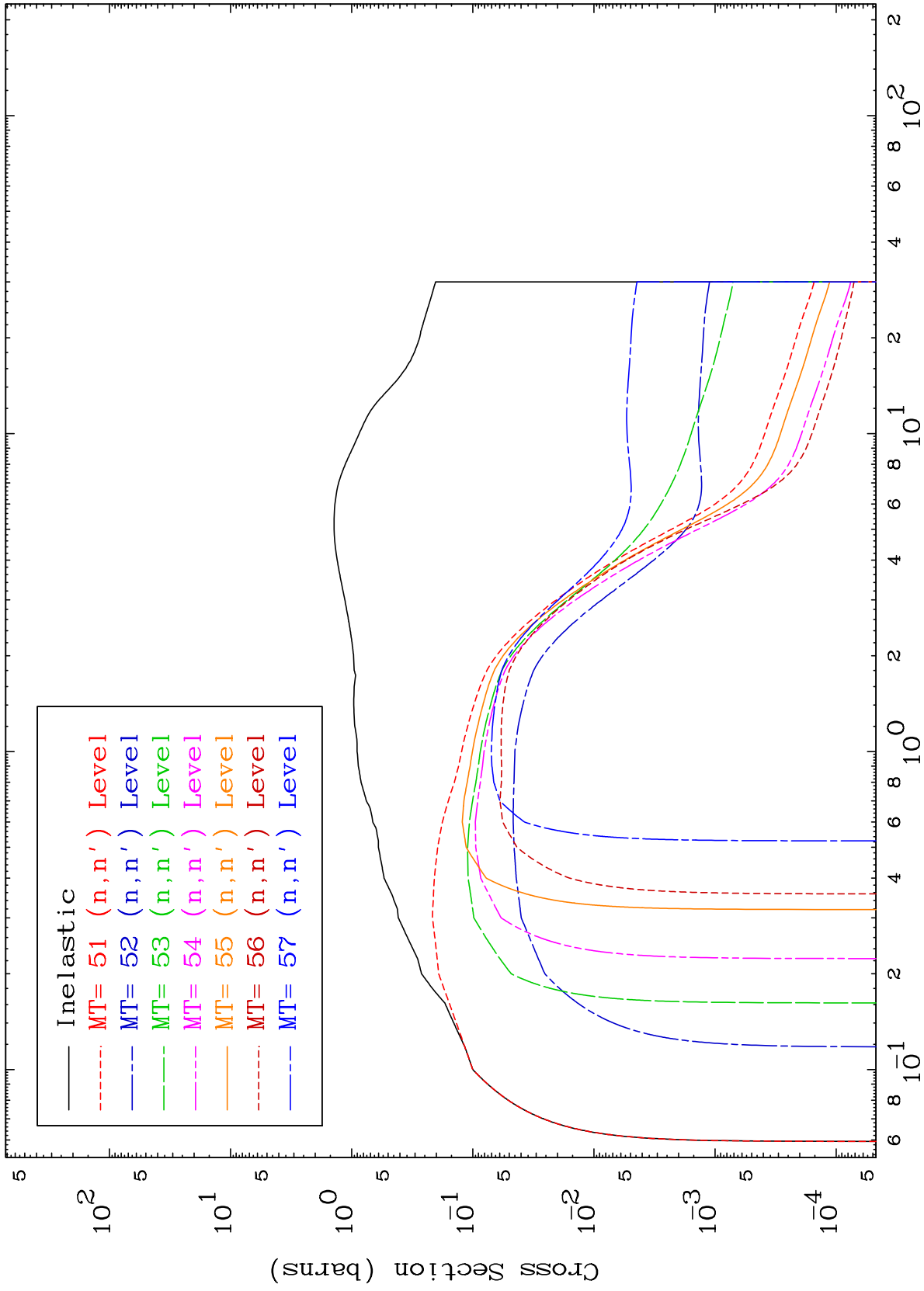
293 Kelvin Cross Sections

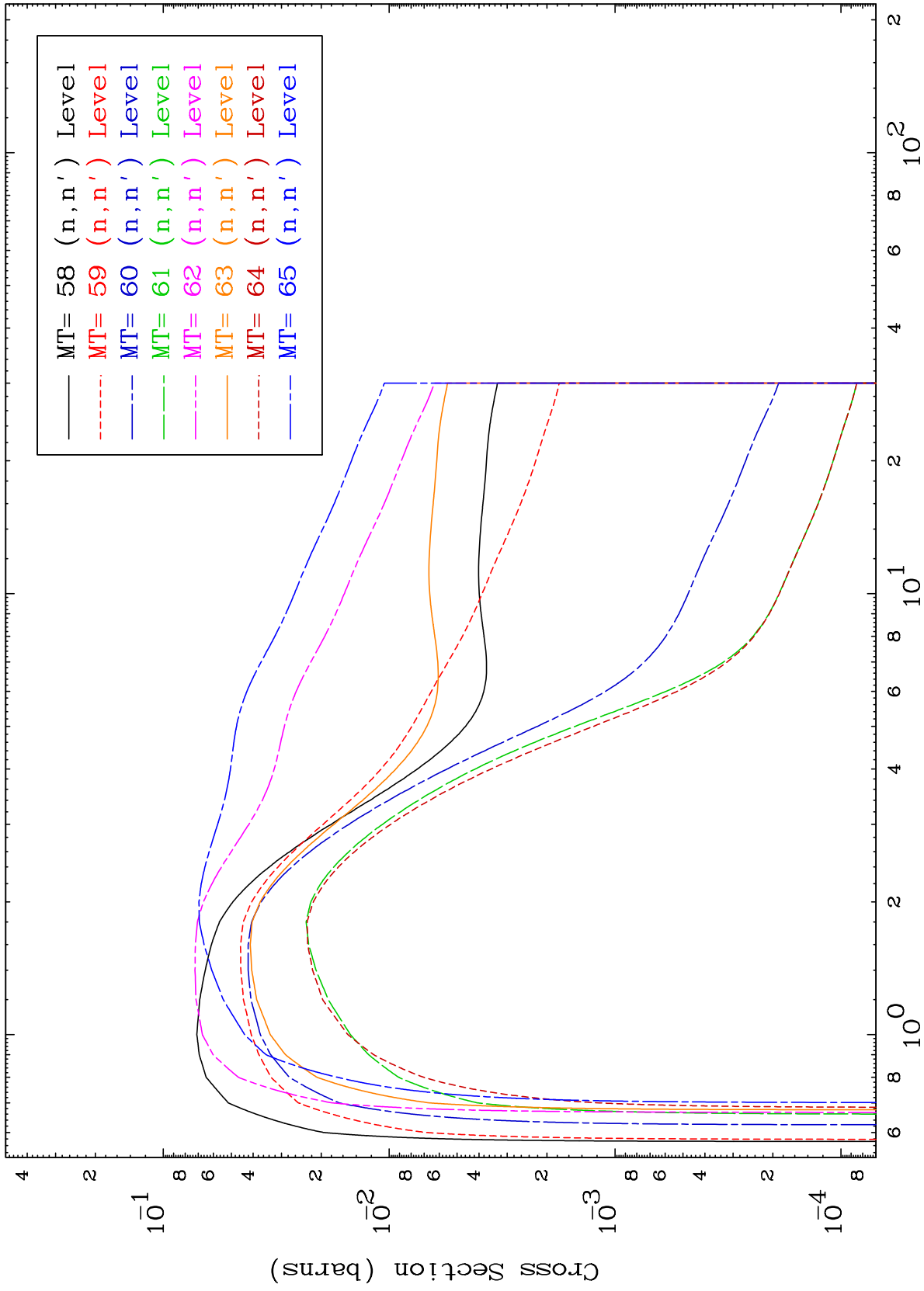
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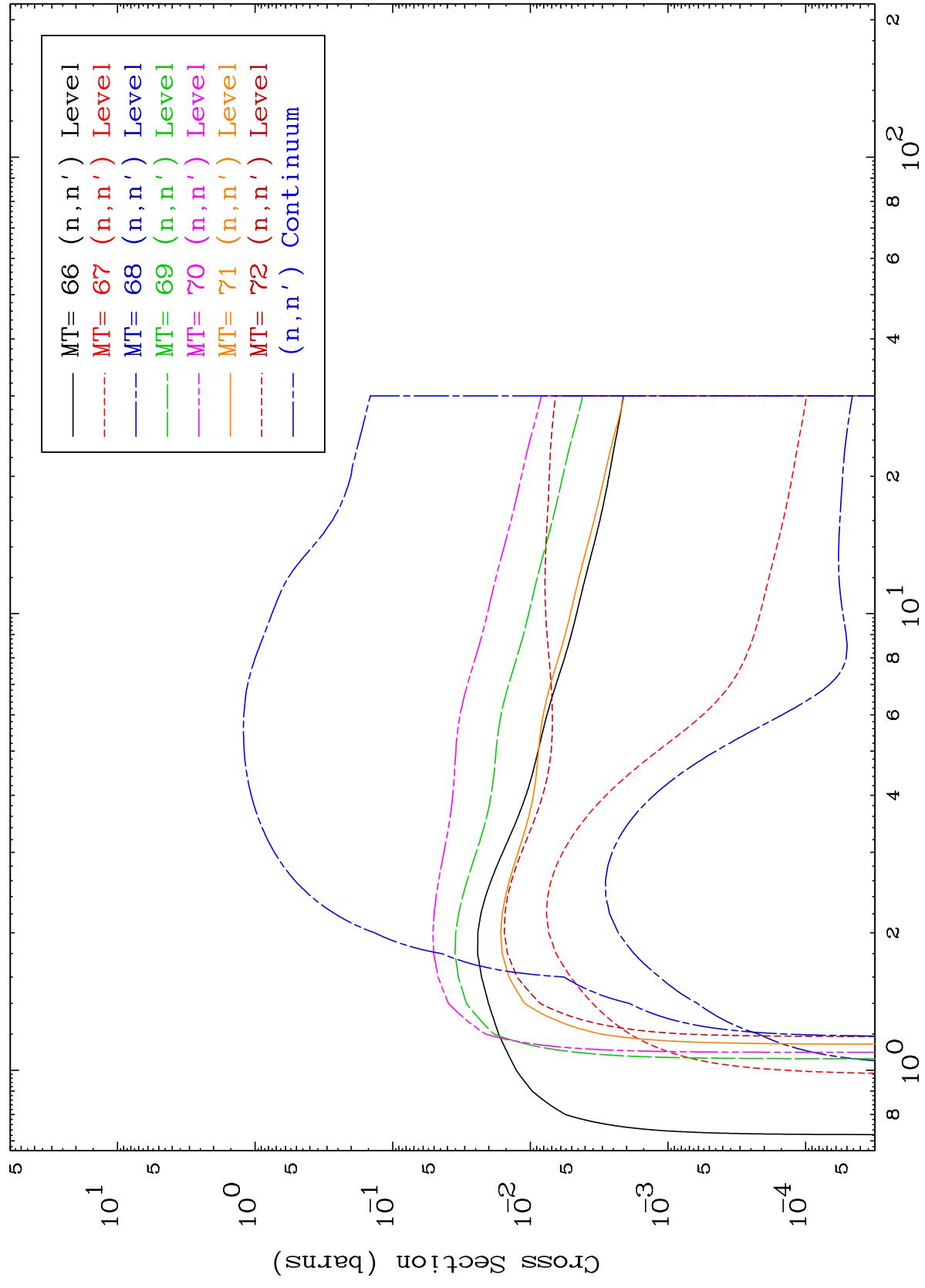








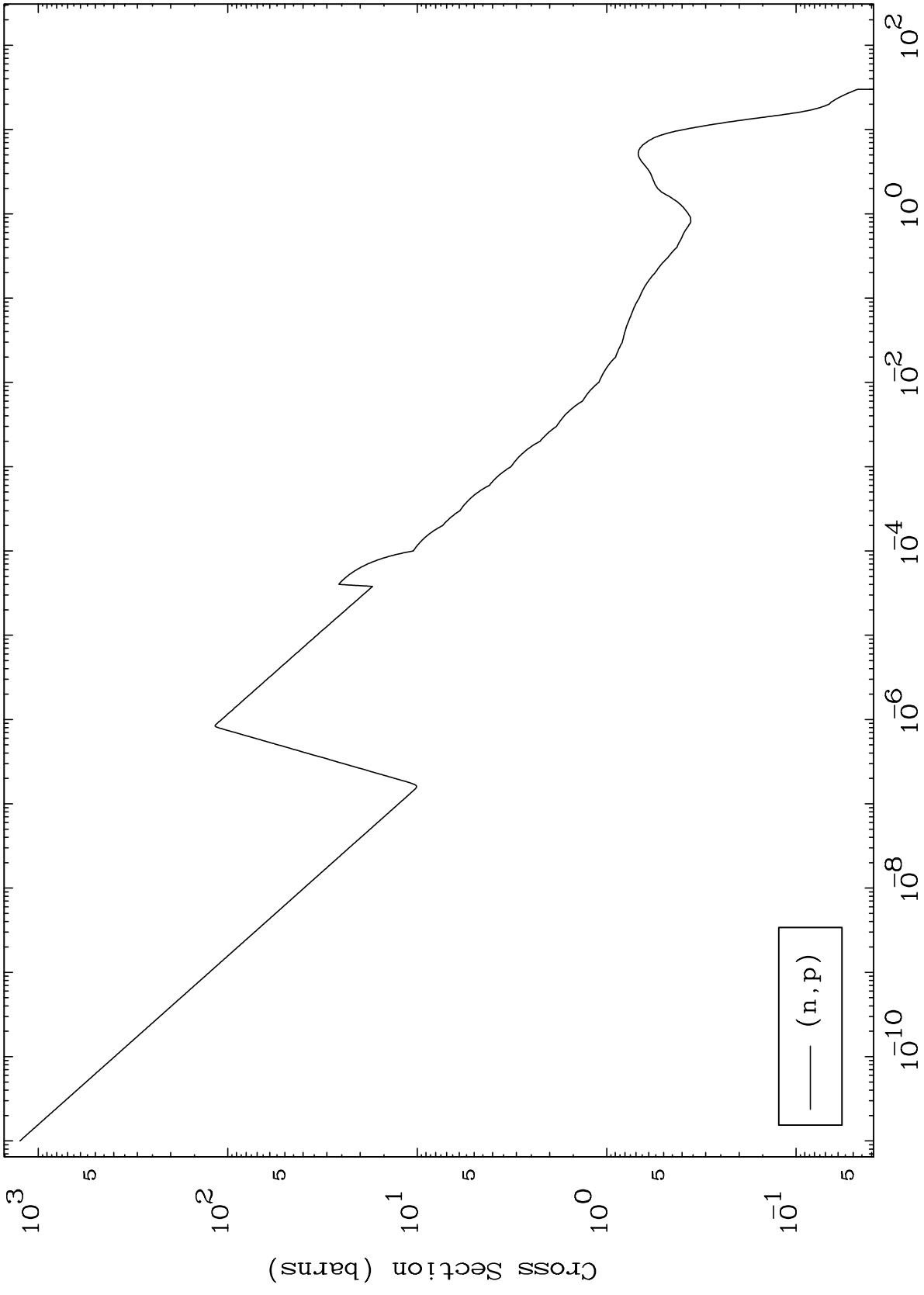




MAT 5295

(n,p) Levels
293 Kelvin Cross Sections

53-I -117

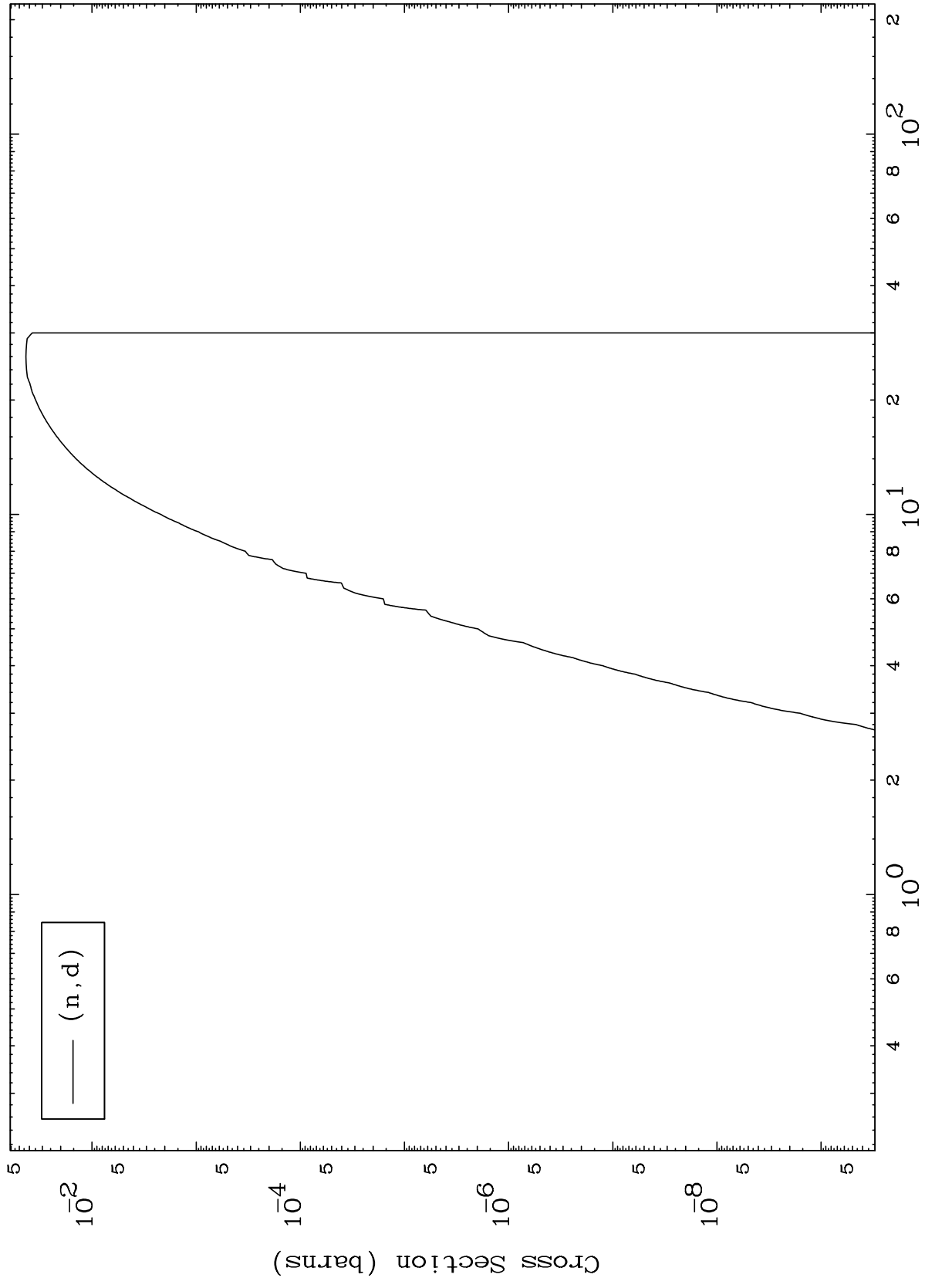


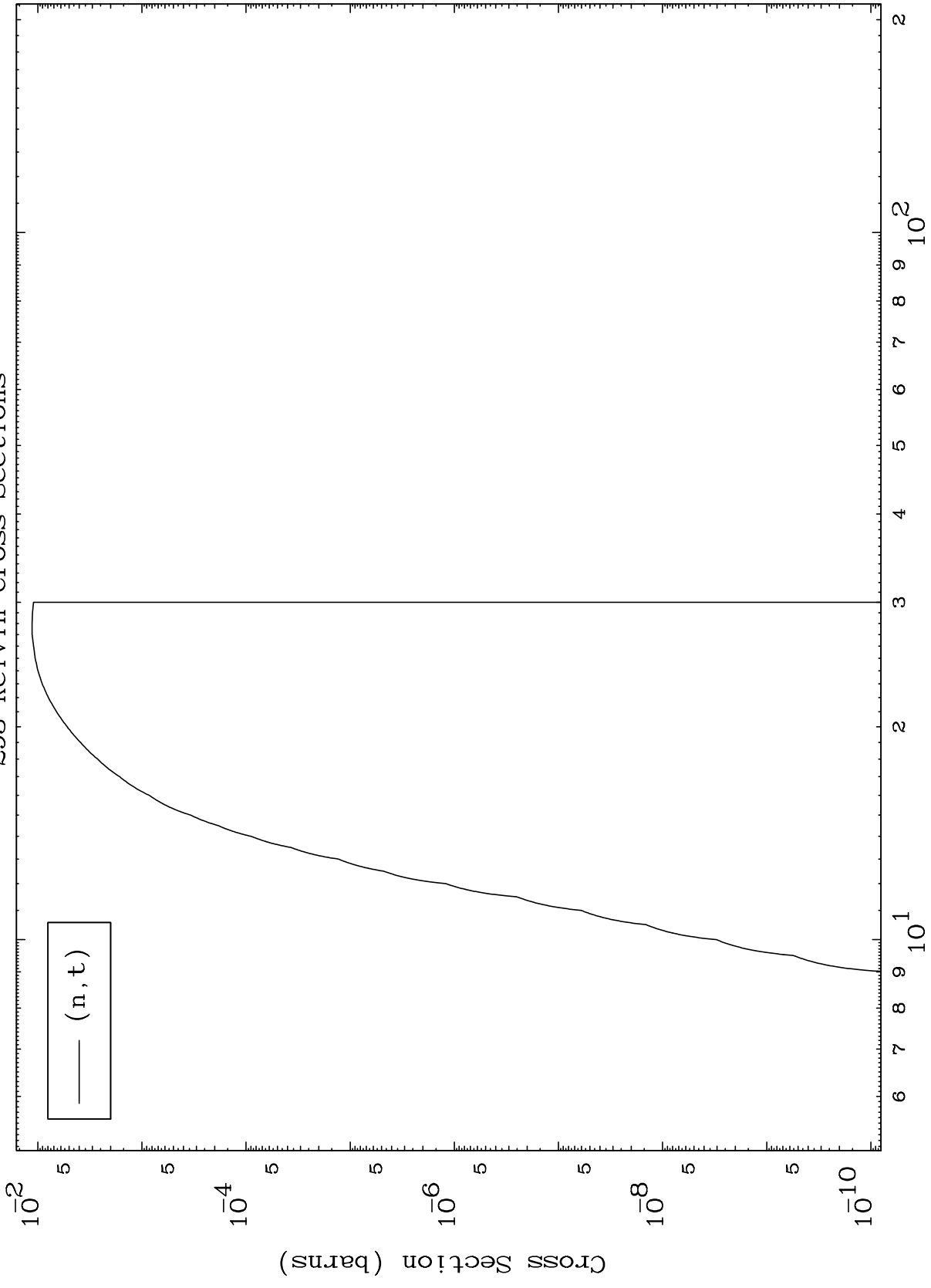
10

Incident Energy (MeV)

53-I -117

(n,p)

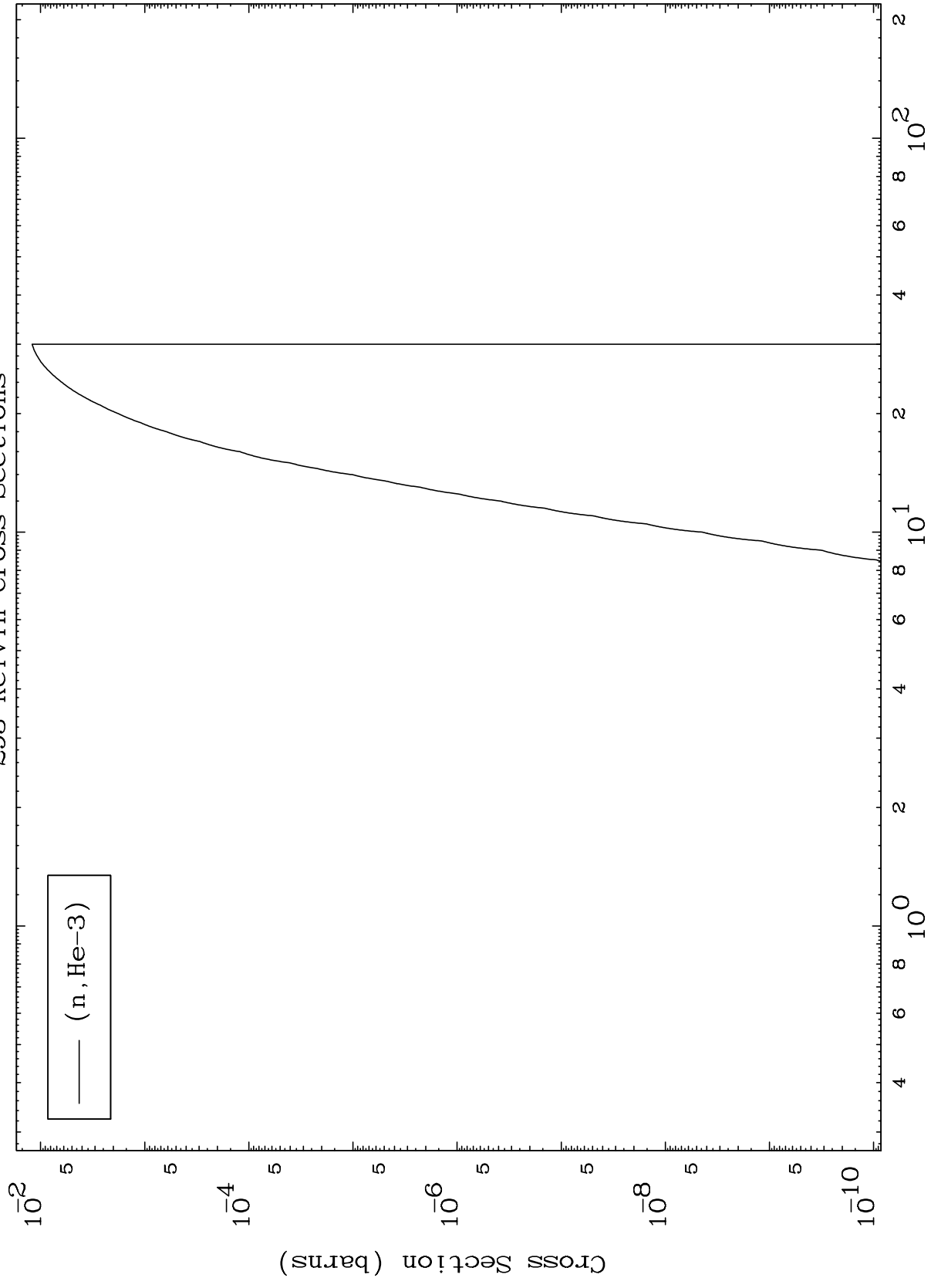




MAT 5295

(n,He3) Levels
293 Kelvin Cross Sections

53-I -117



13

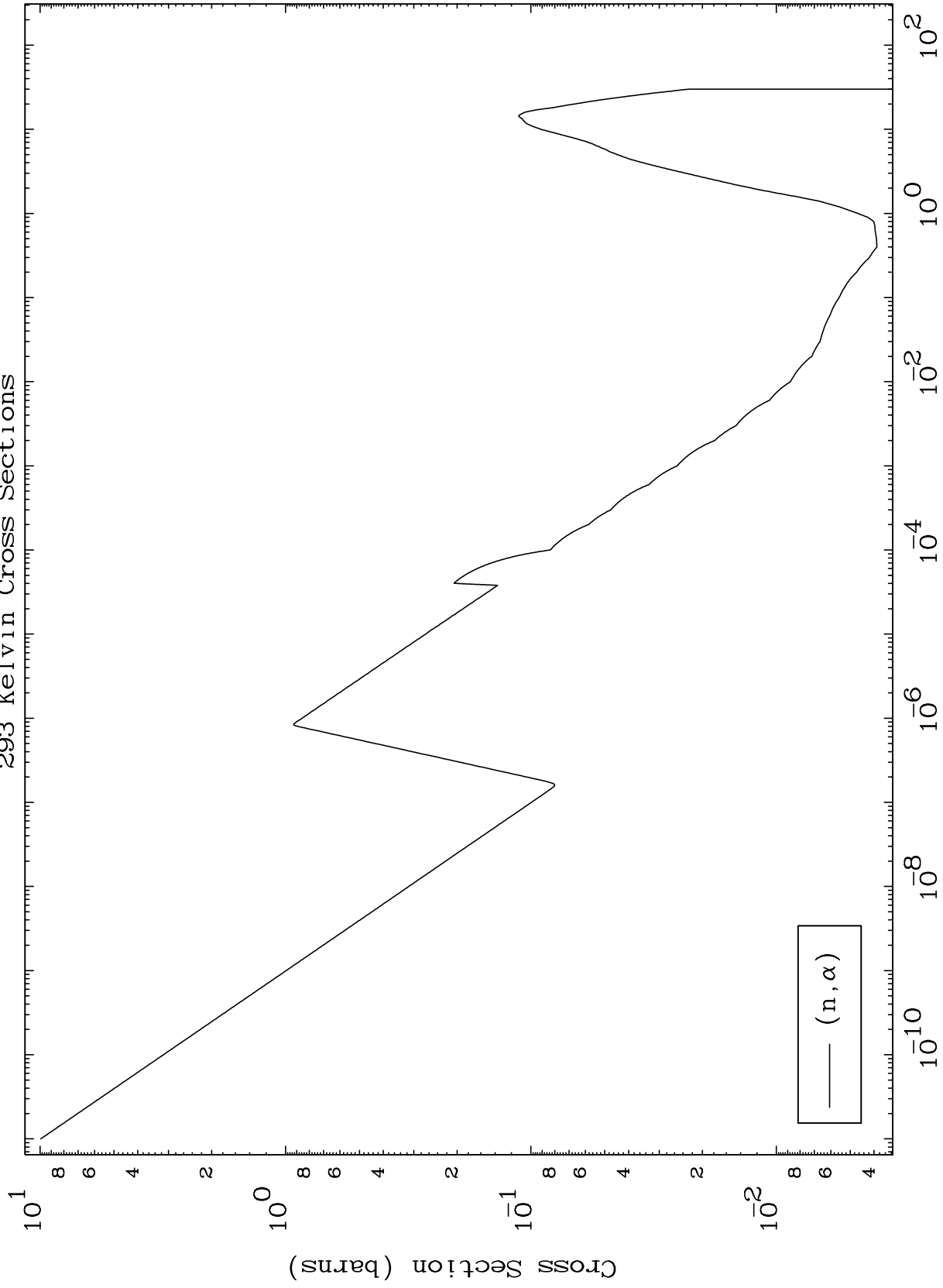
Incident Energy (MeV)

53-I -117

MAT 5295

(n,α) Levels
293 Kelvin Cross Sections

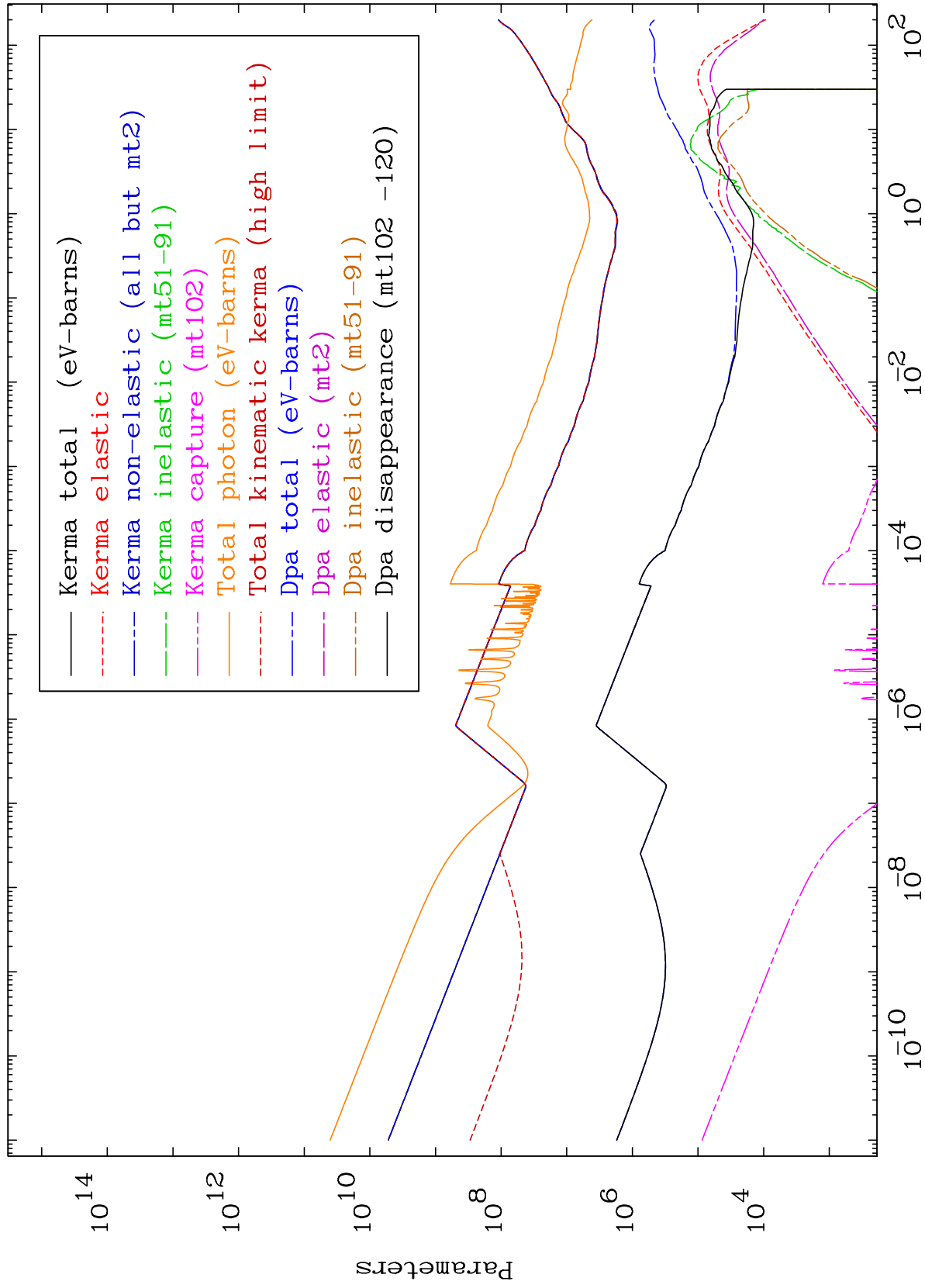
53-I -117



14

Incident Energy (MeV)

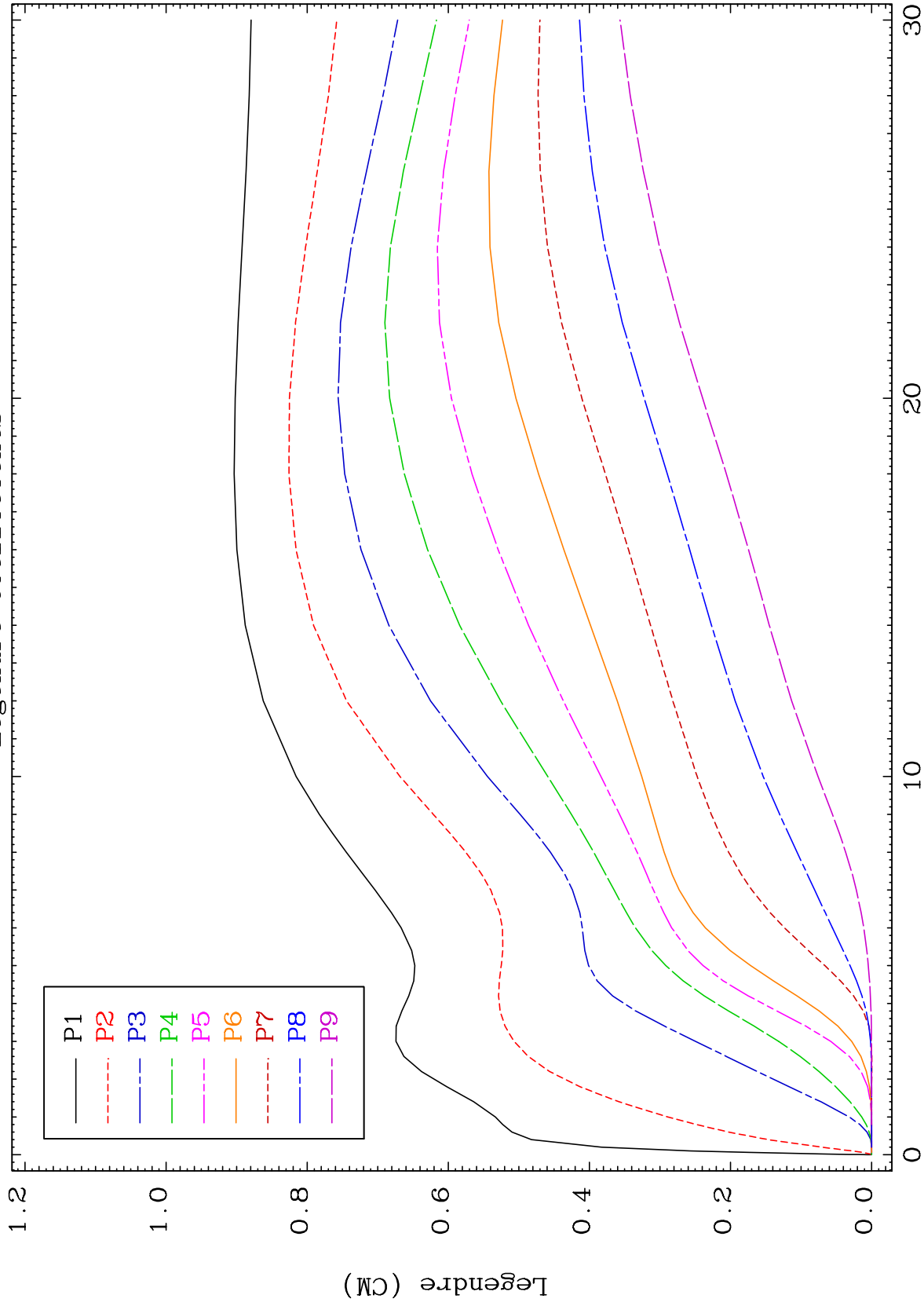
53-I -117



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Elastic Legendre Coefficients

53-I -117



16

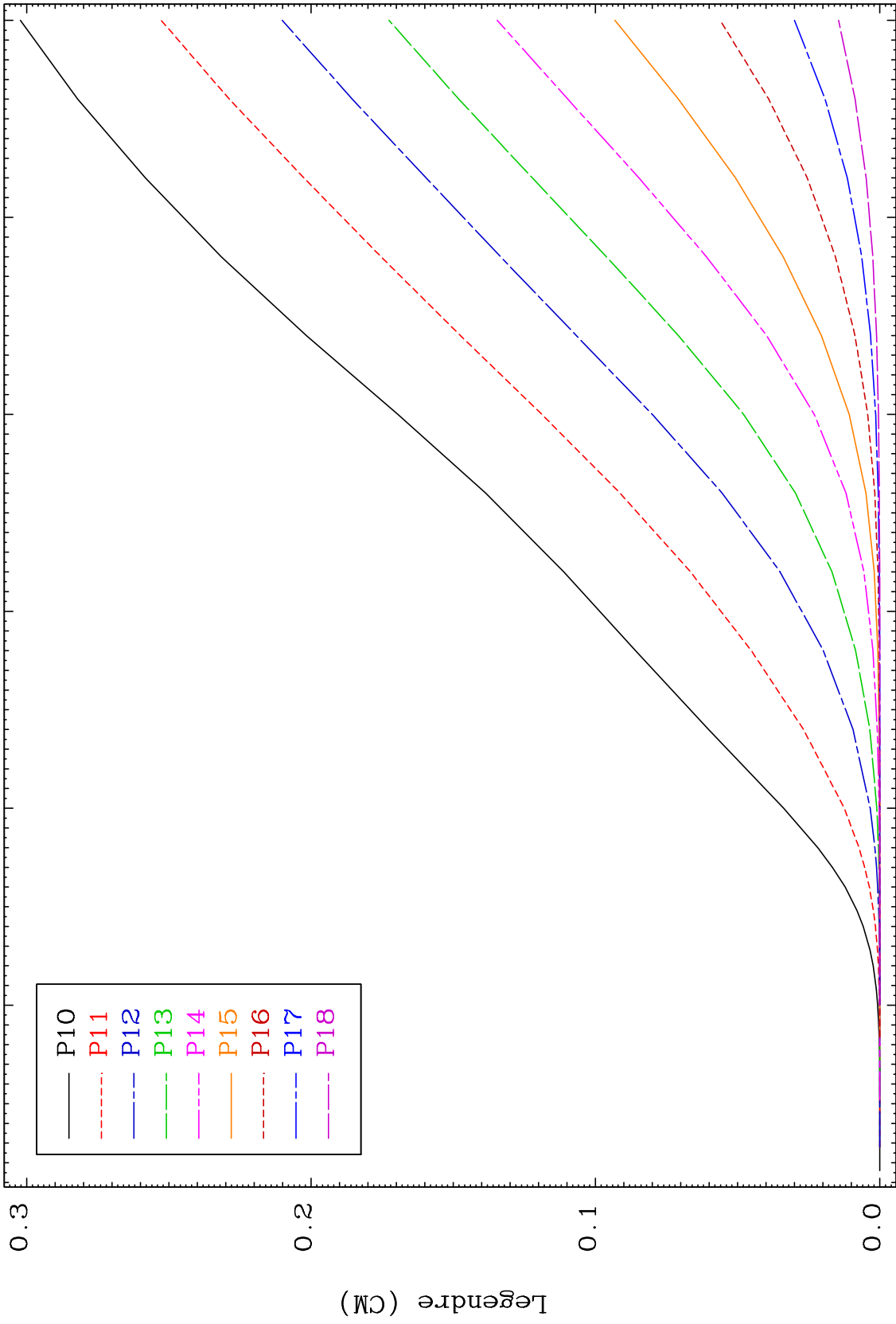
Incident Energy (MeV)

53-I -117

MAT 5295

Elastic Legendre Coefficients

53-I -117



17

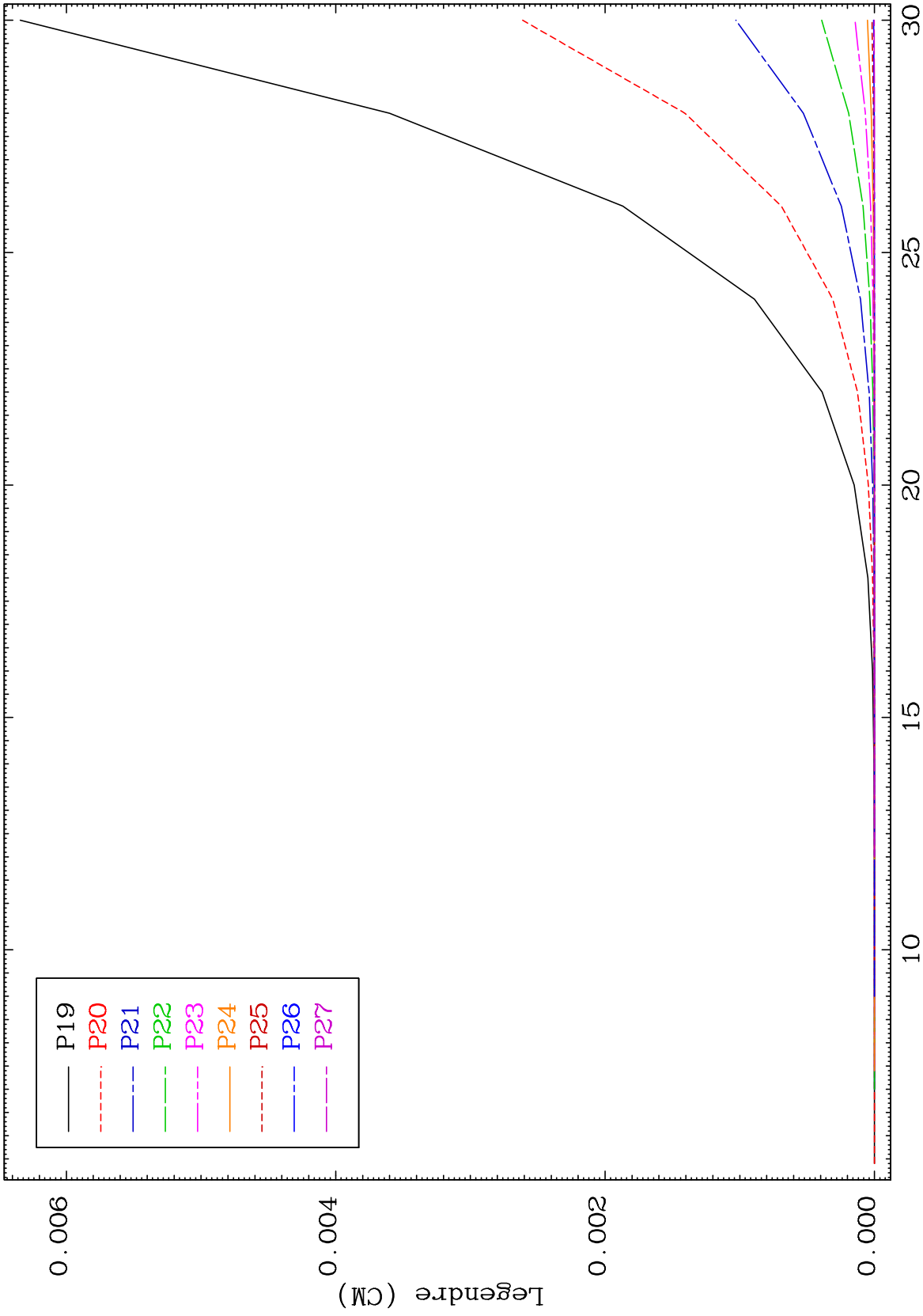
Incident Energy (MeV)

53-I -117

MAT 5295

Elastic Legendre Coefficients

53-I -117



18

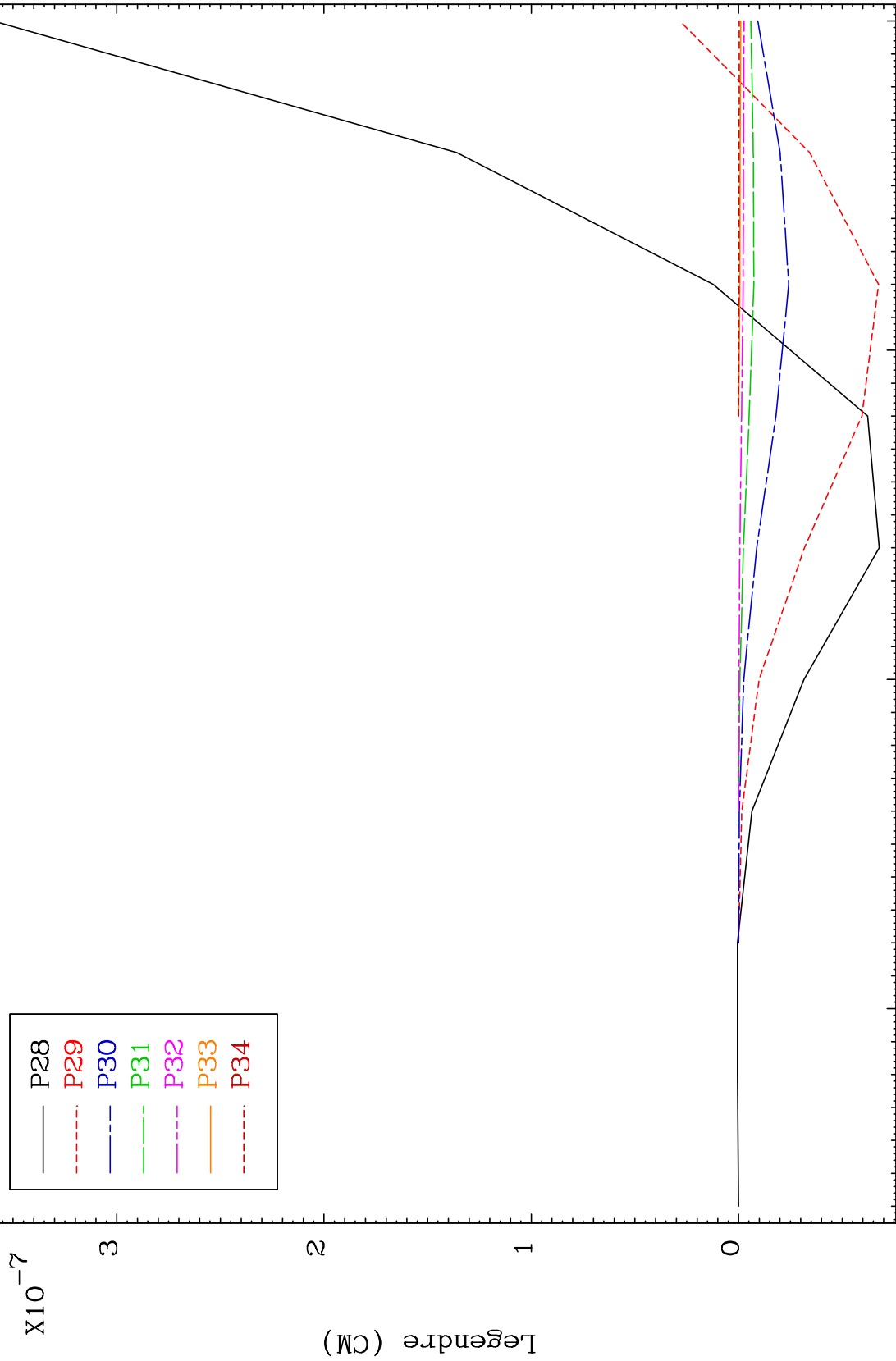
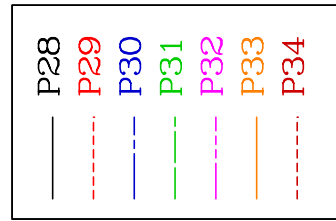
Incident Energy (MeV)

53-I -117

MAT 5295

Elastic Legendre Coefficients

53-I -117



19

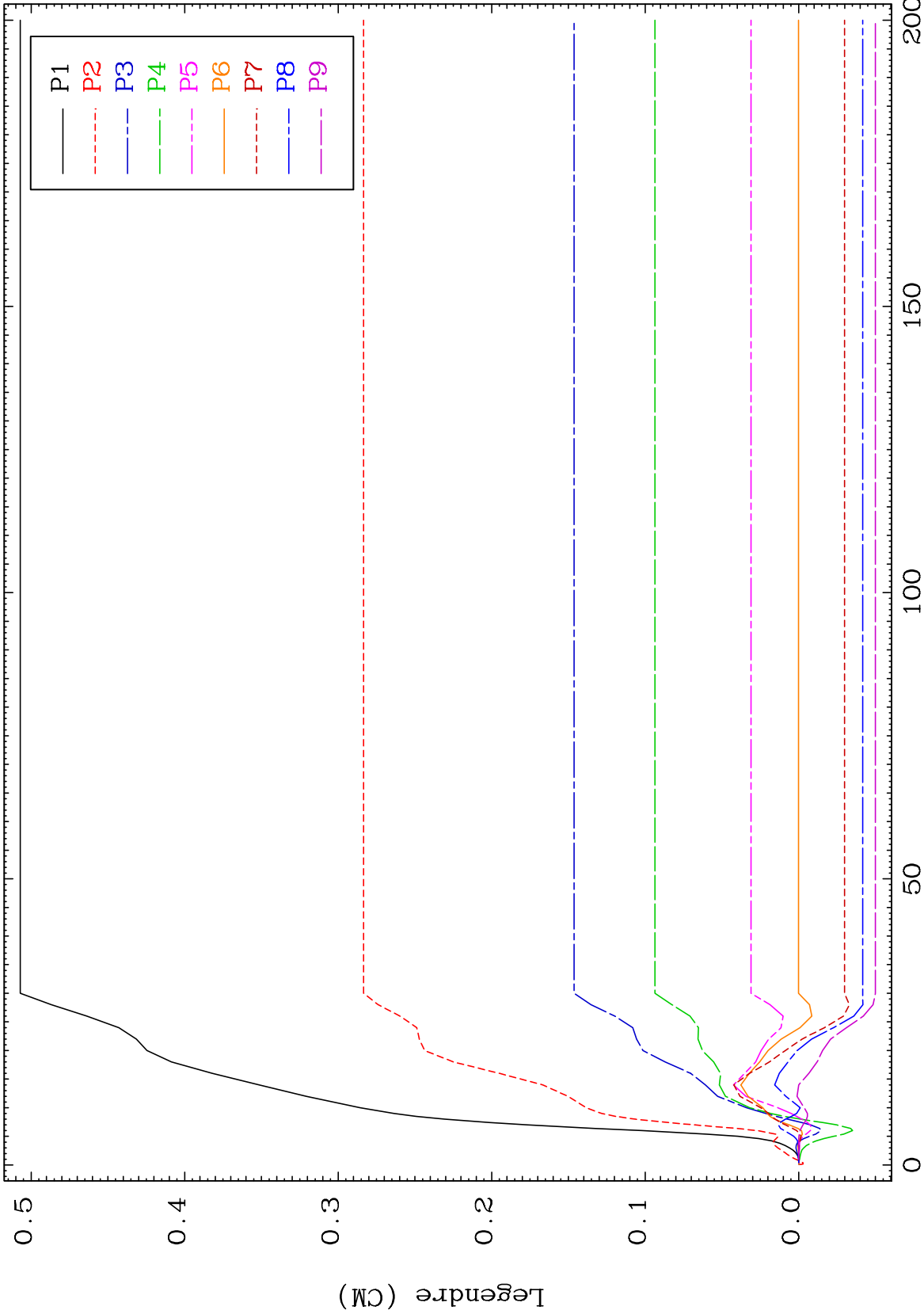
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



53-I -117

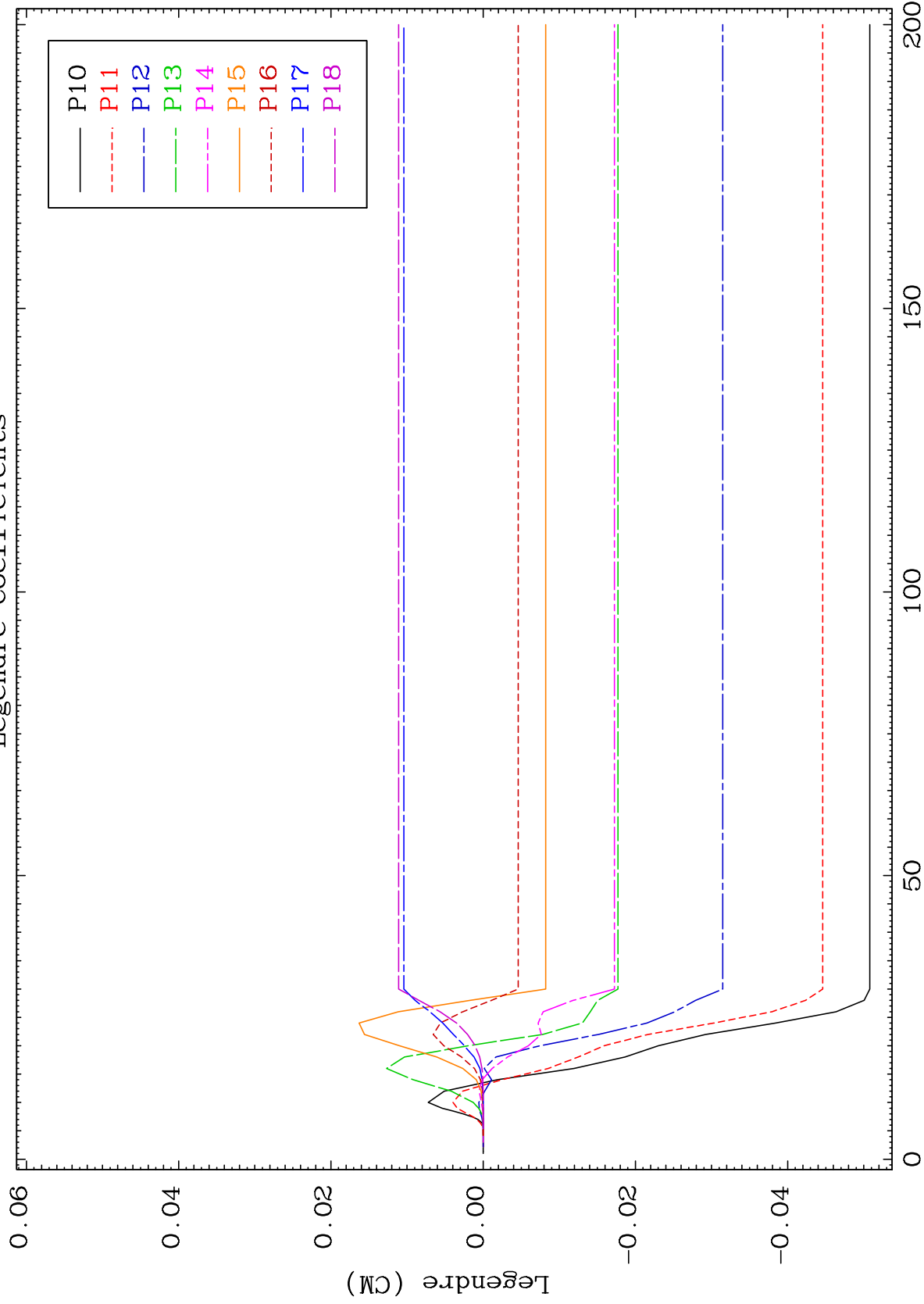
Incident Energy (MeV)

20

MAT 5295

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

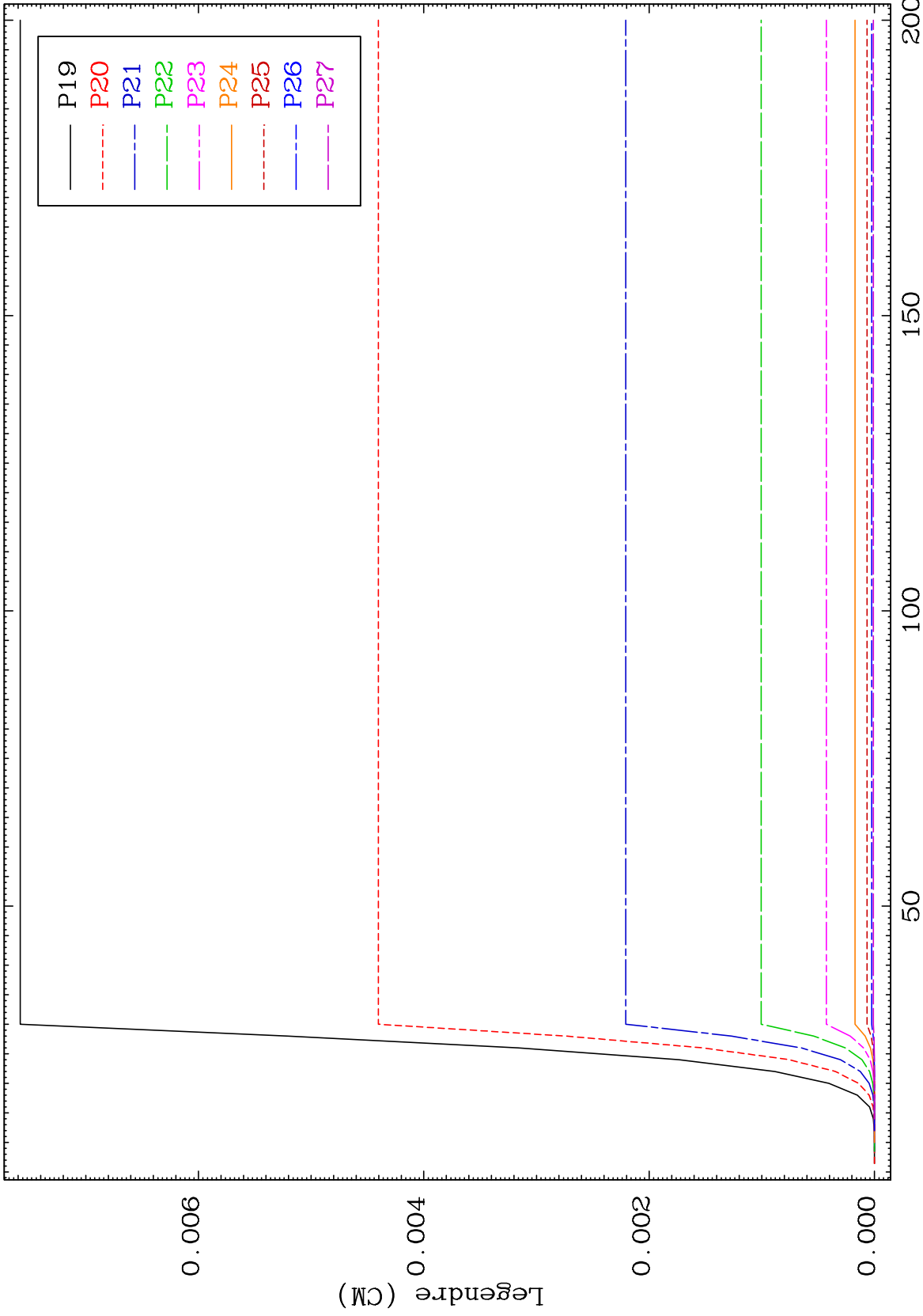
53-I -117



21

Incident Energy (MeV)

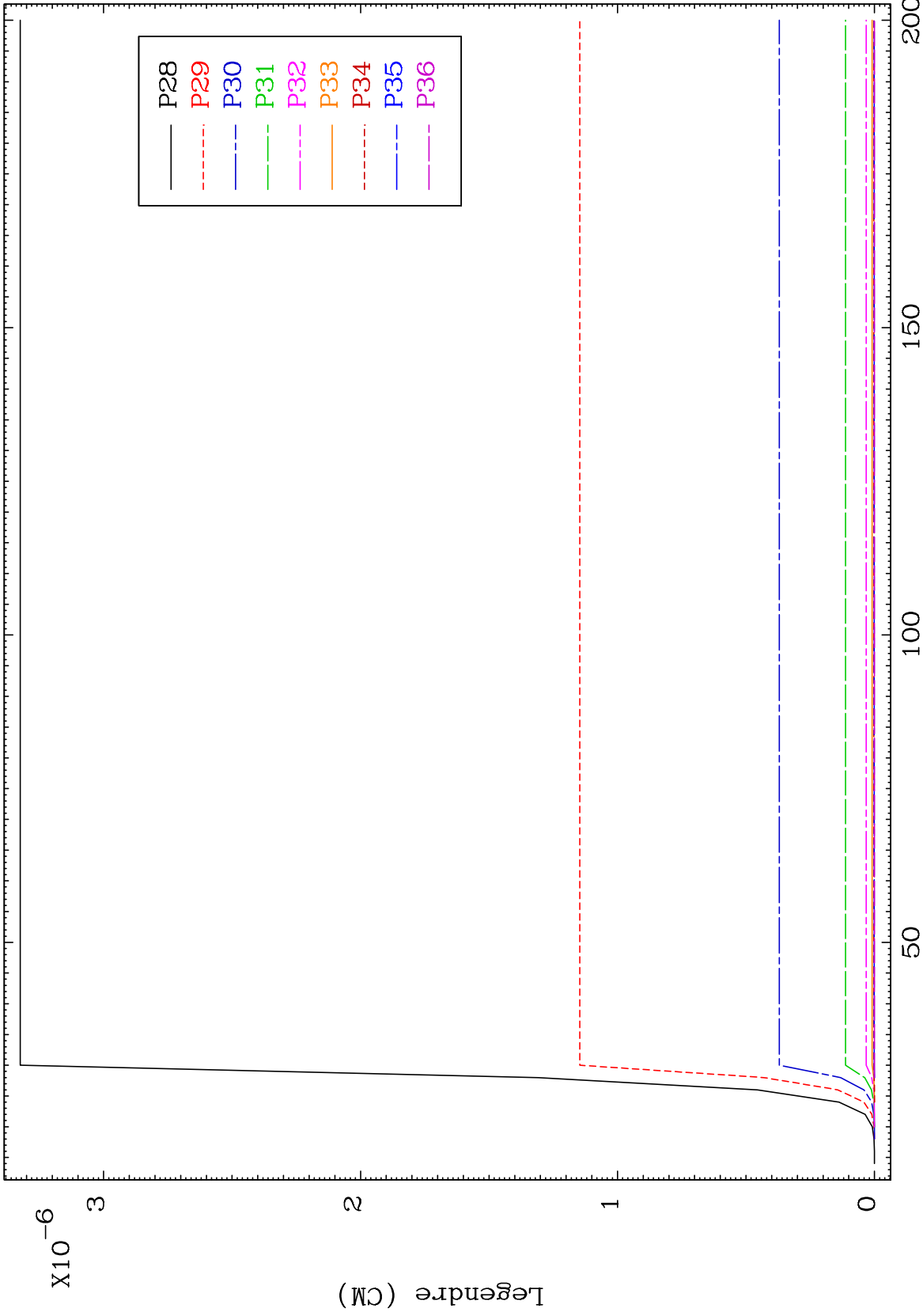
53-I -117



MAT 5295

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

53-I -117



23

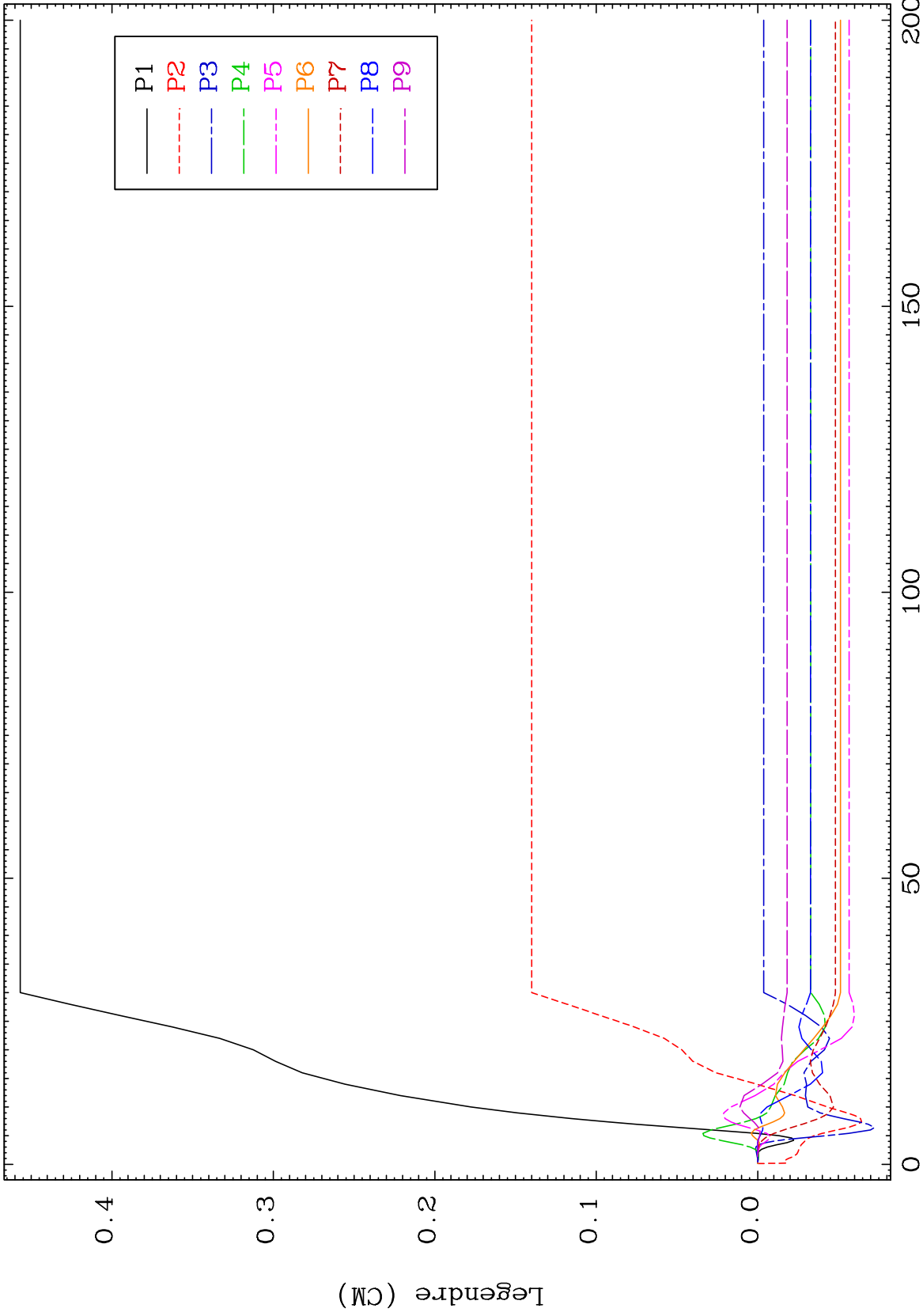
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



24

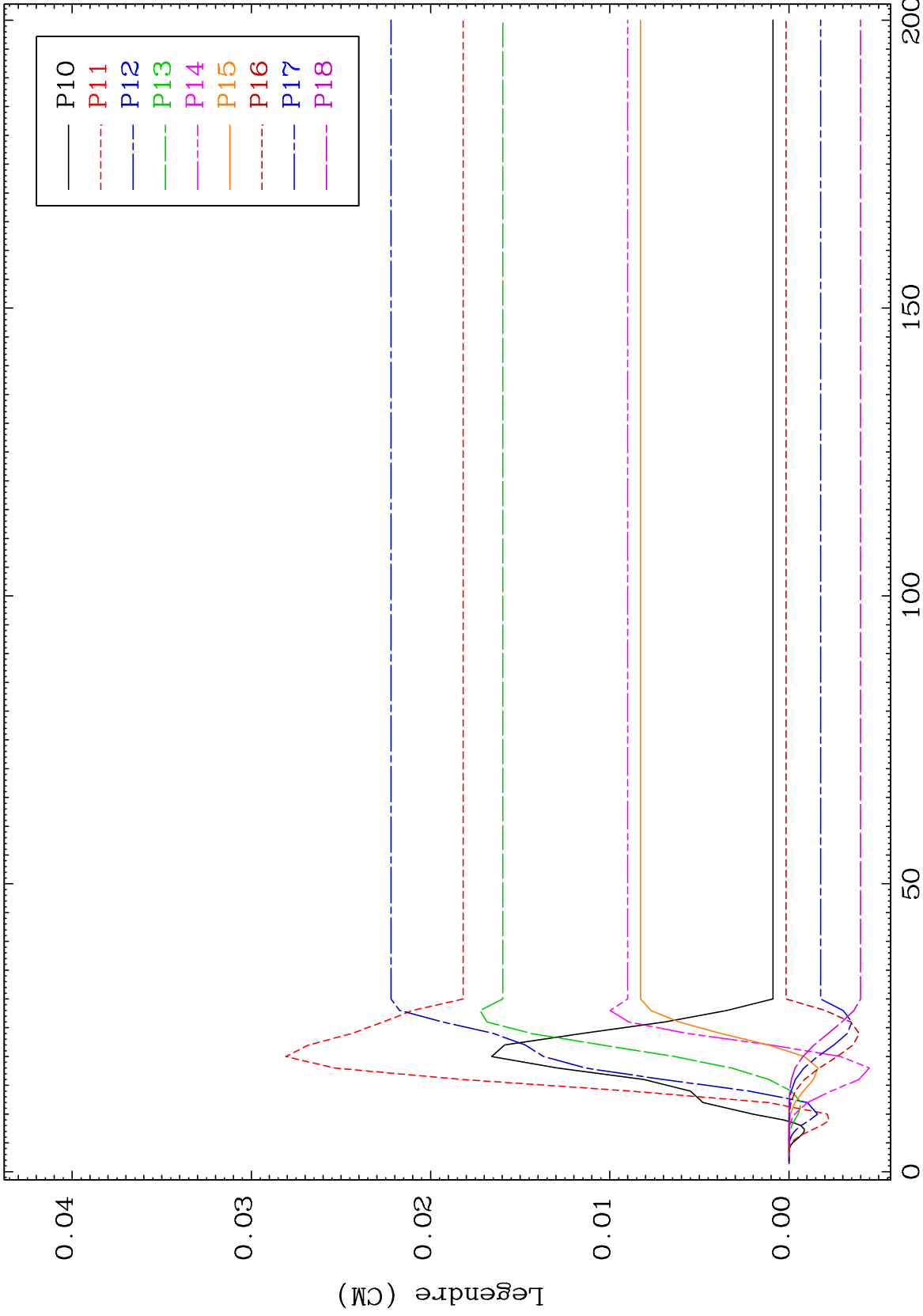
Incident Energy (MeV)

53-I -117

MAT 5295

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

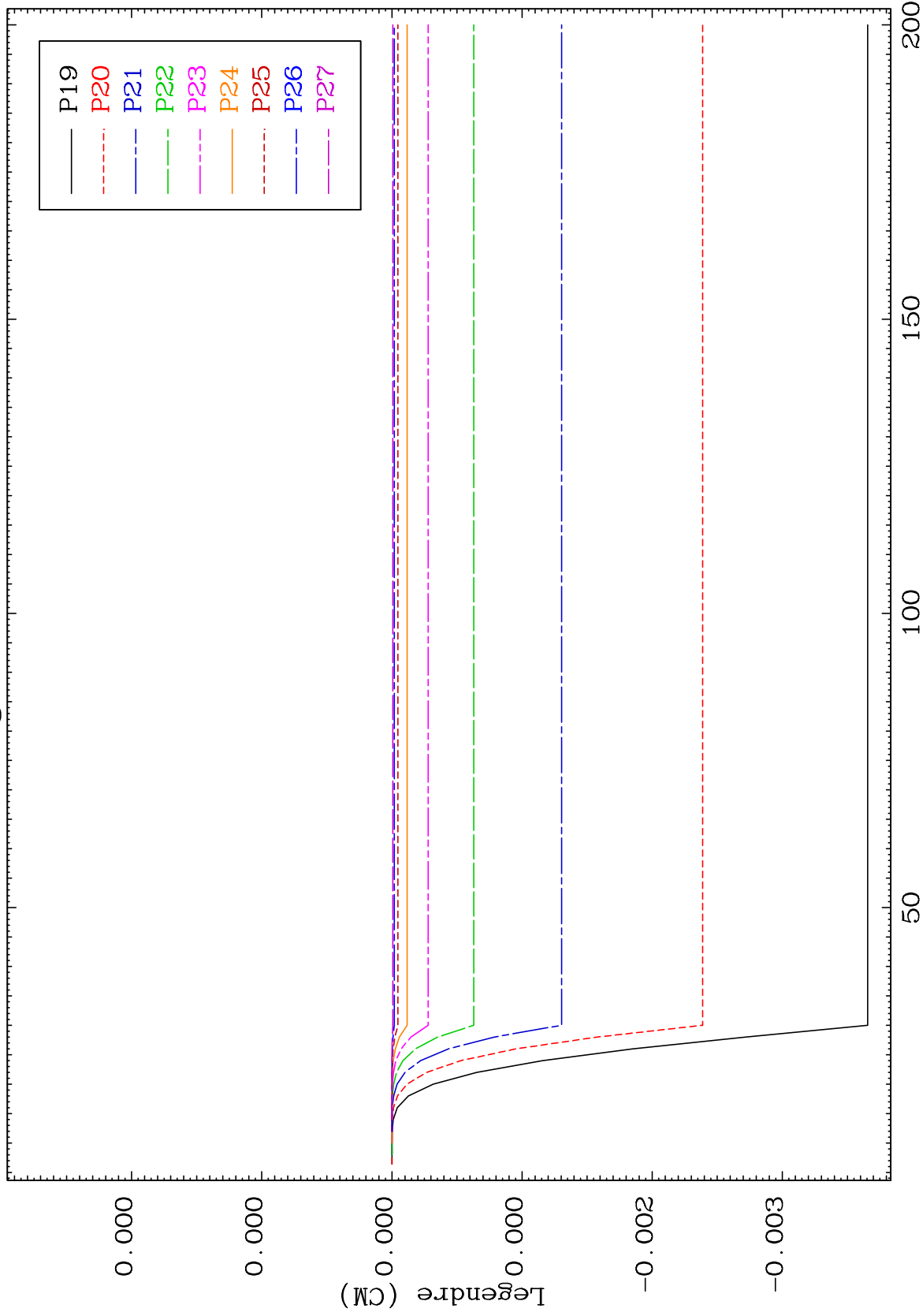
53-I -117



25

Incident Energy (MeV)

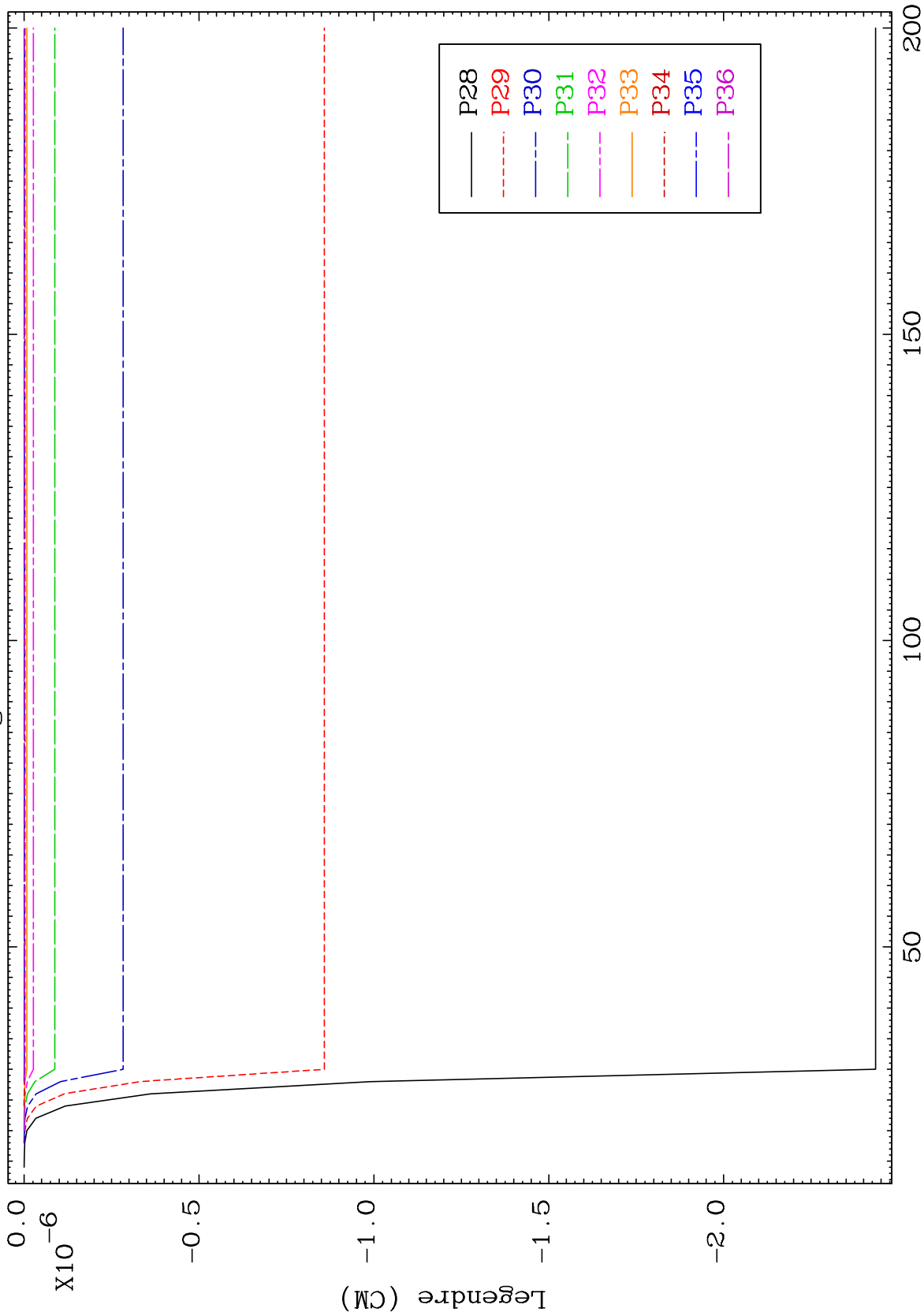
53-I -117



MAT 5295

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

53-I -117



27

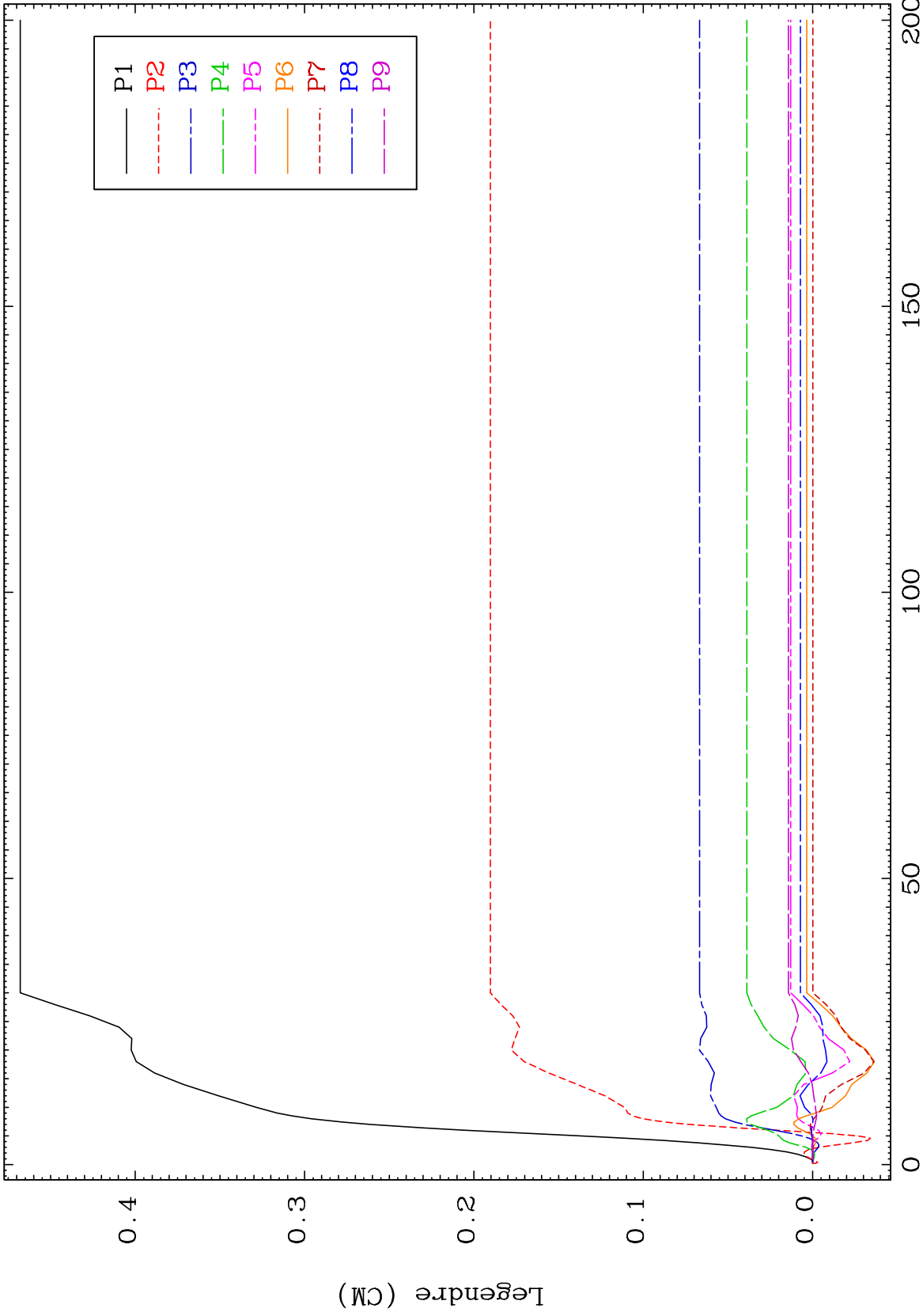
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



28

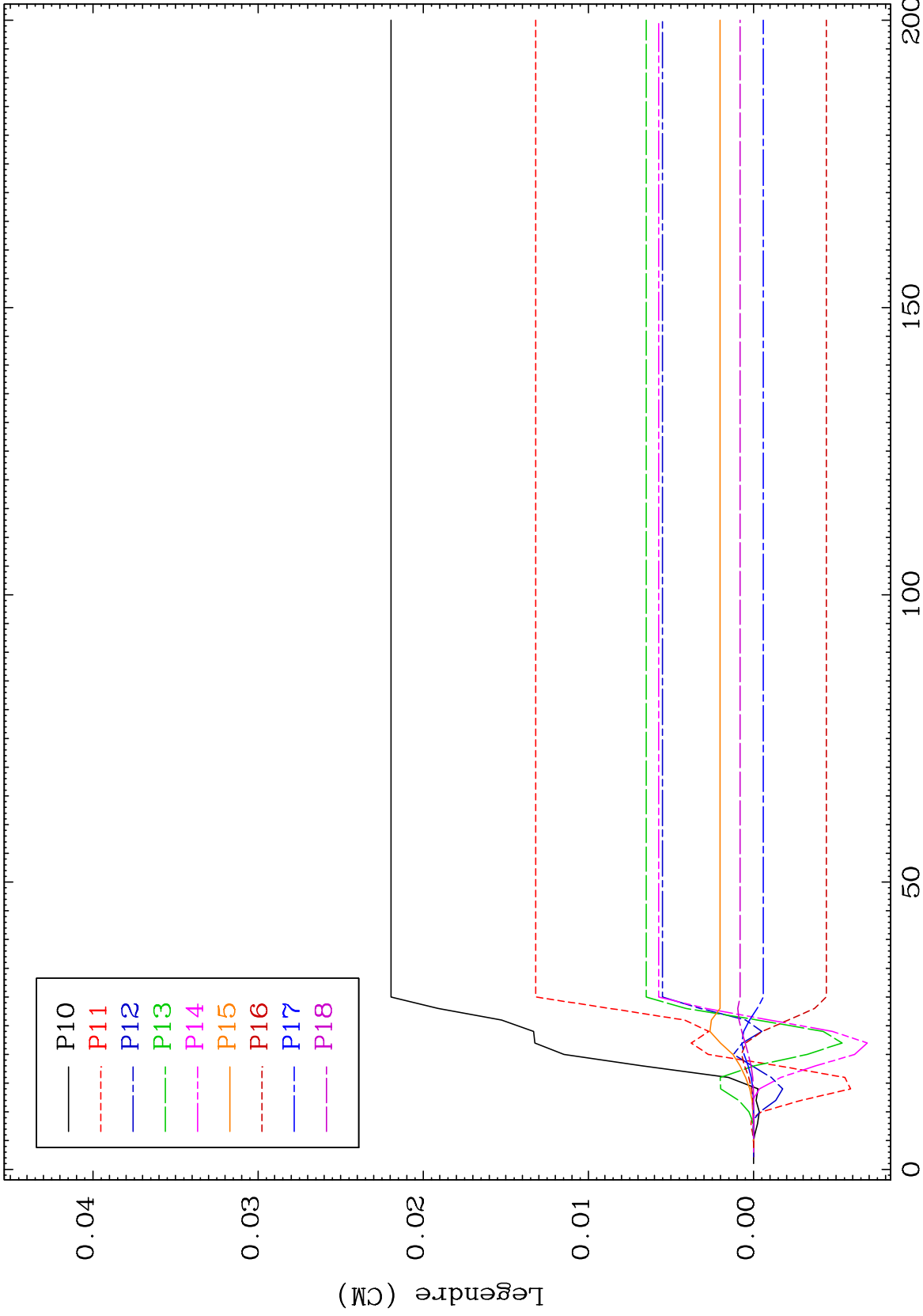
Incident Energy (MeV)

53-I -117

MAT 5295

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

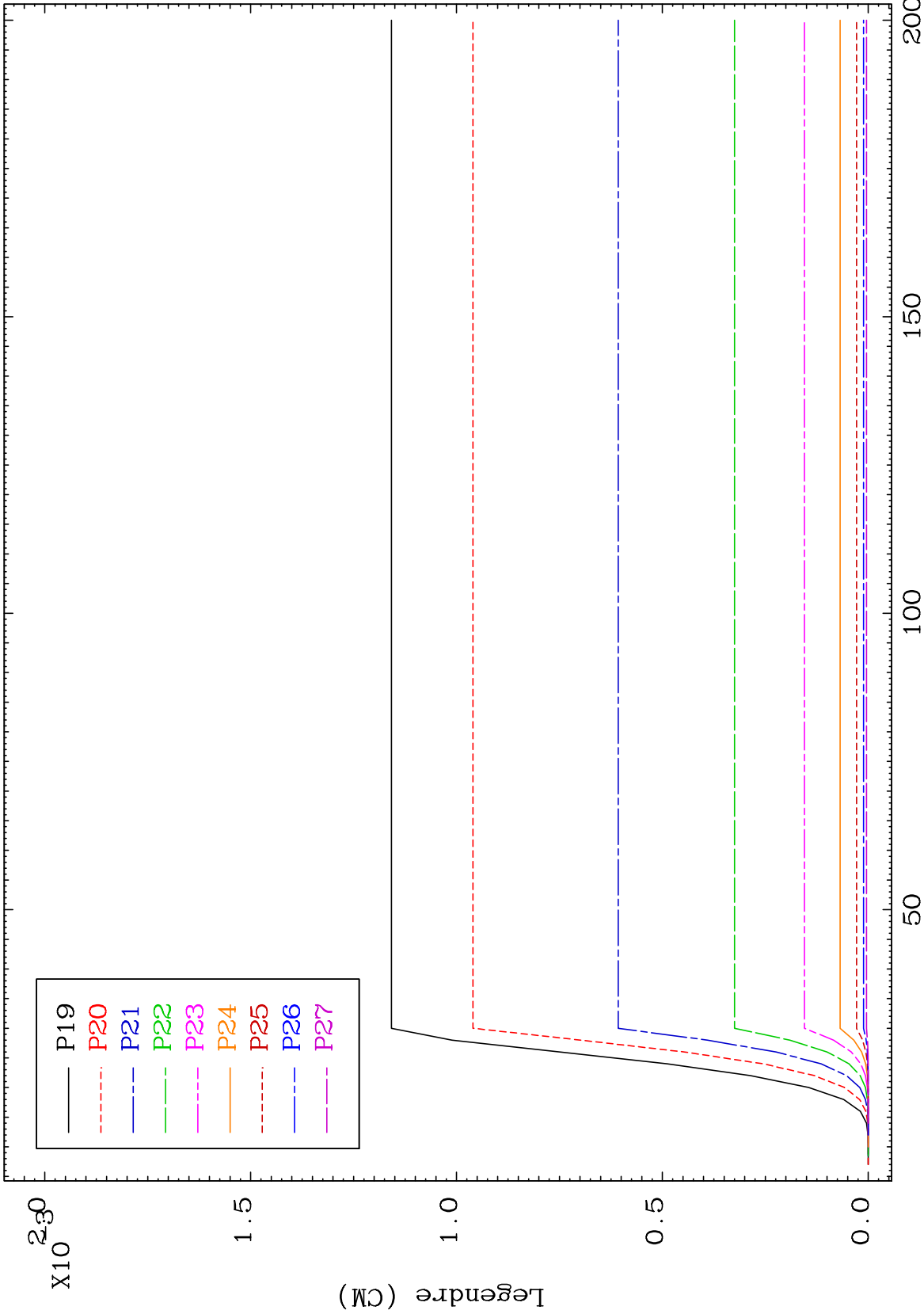
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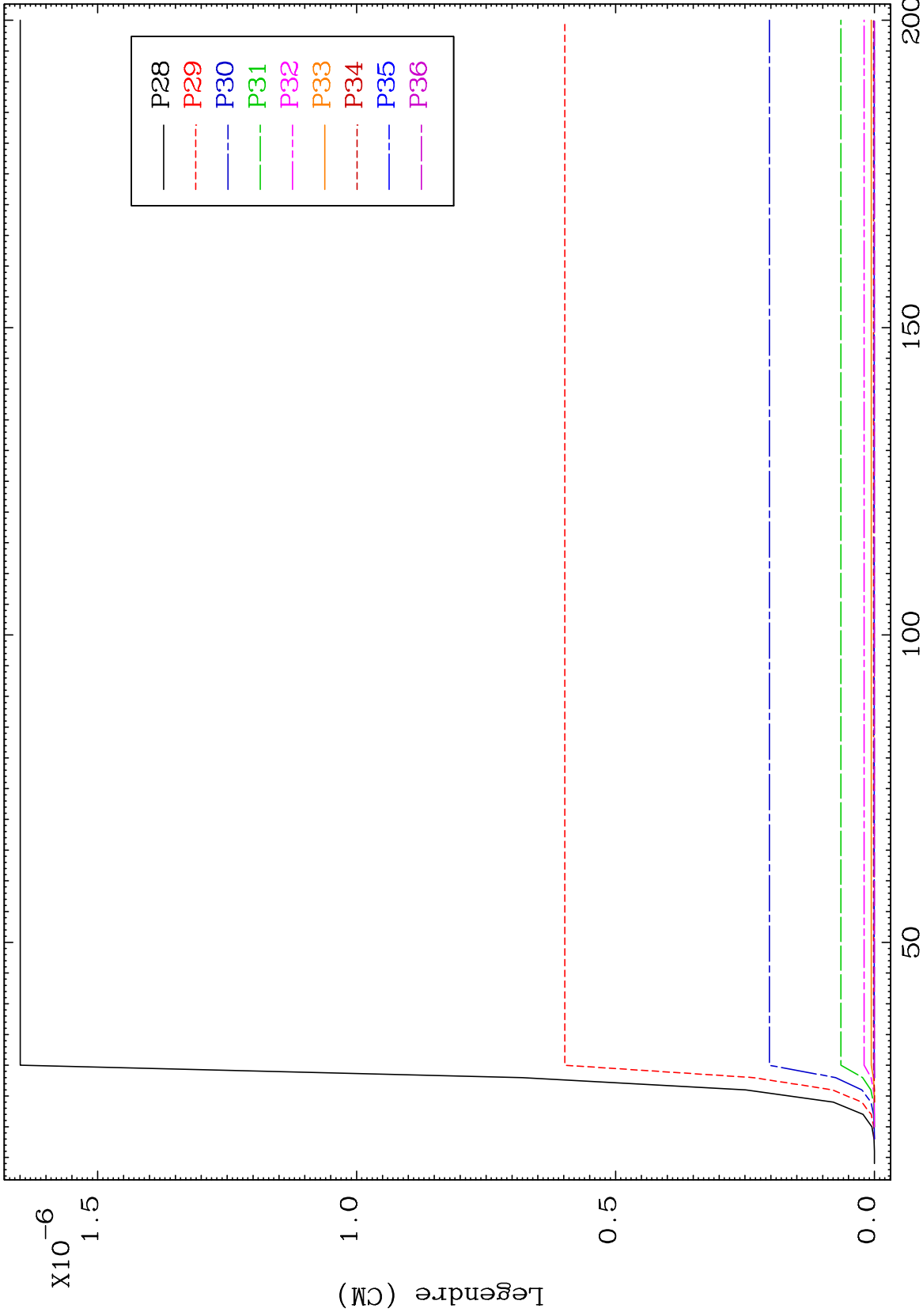


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Incident Energy (MeV)

53-I -117

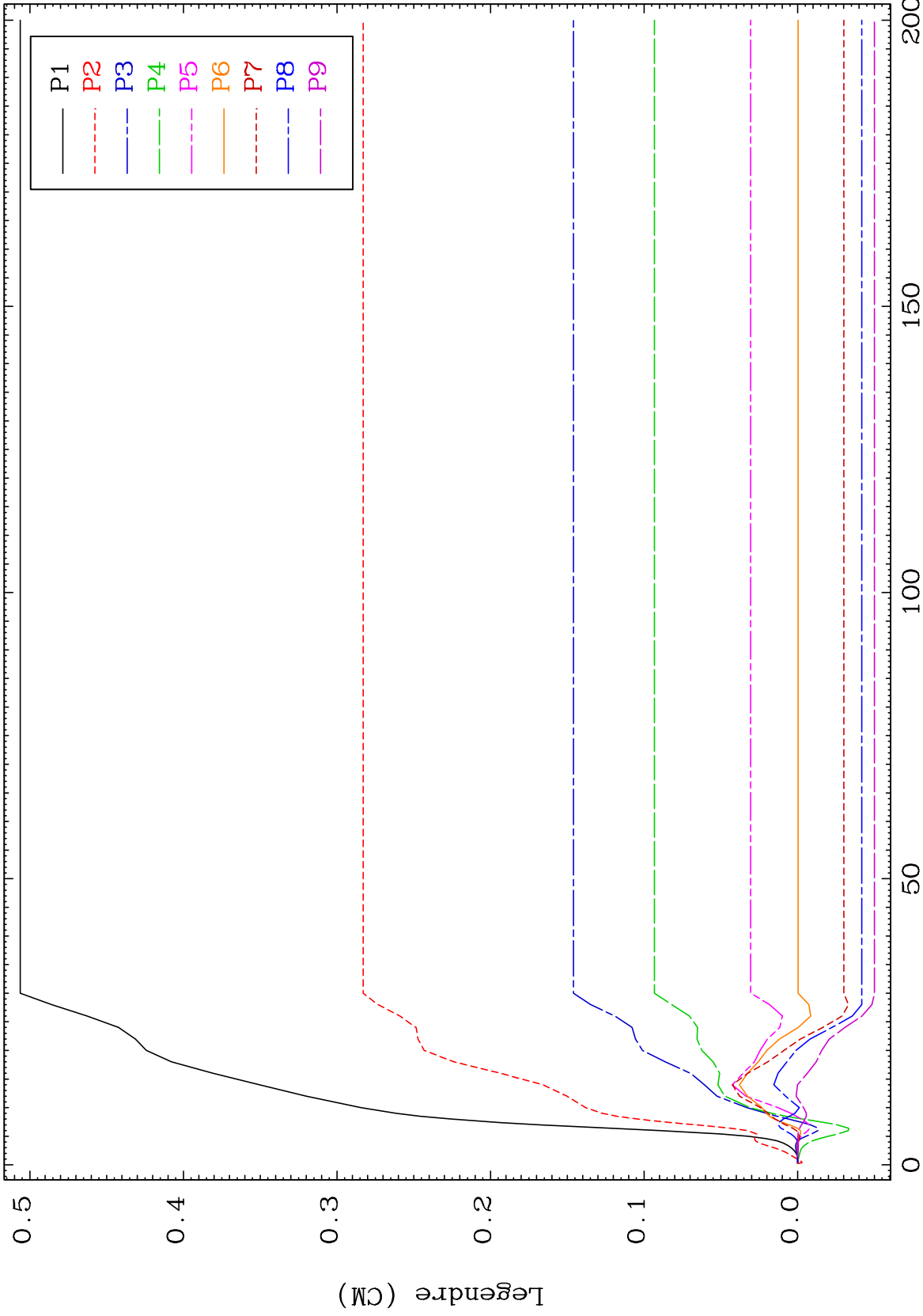




MAT 5295

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

53-I -117



32

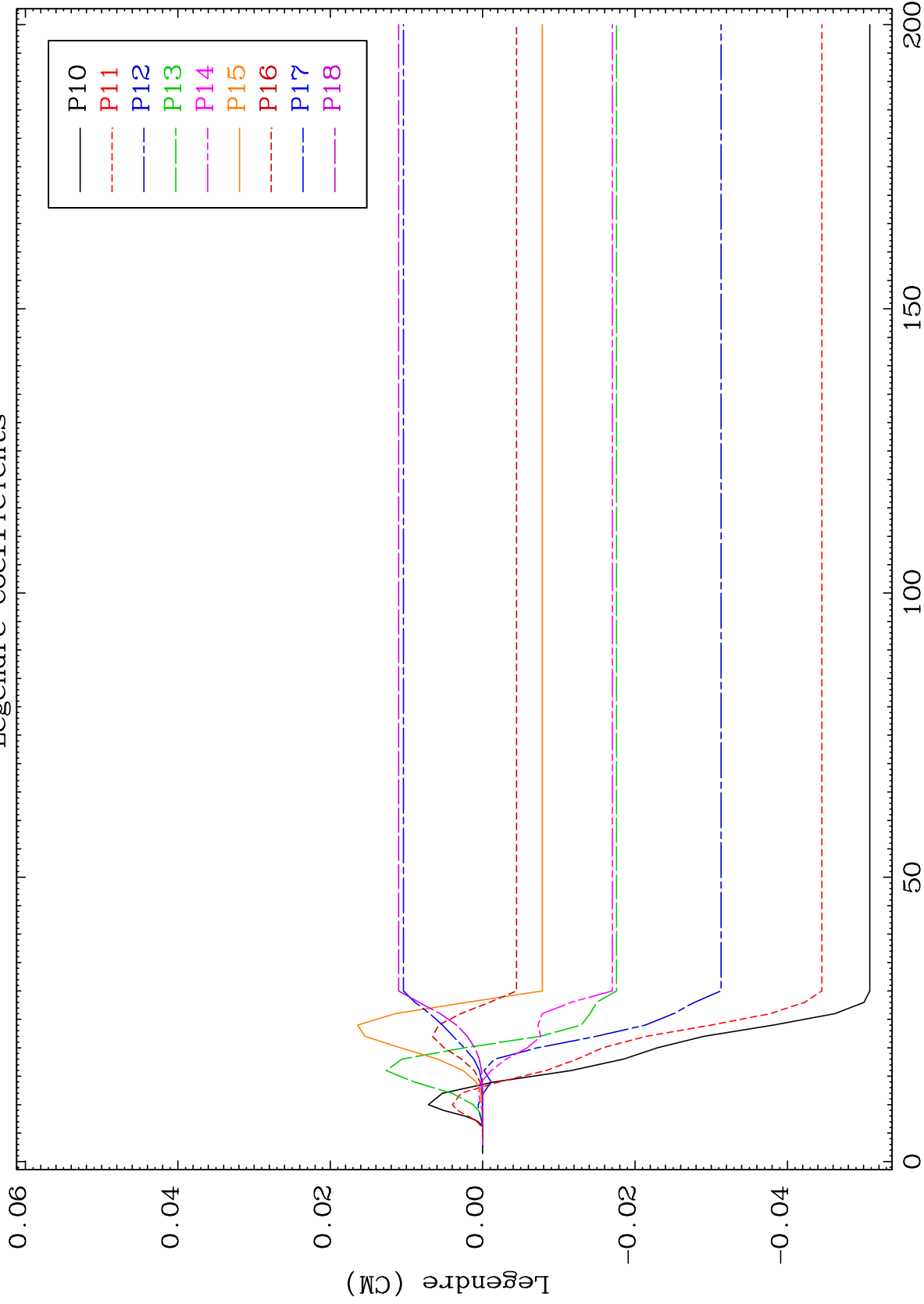
Incident Energy (MeV)

53-I -117

MAT 5295

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

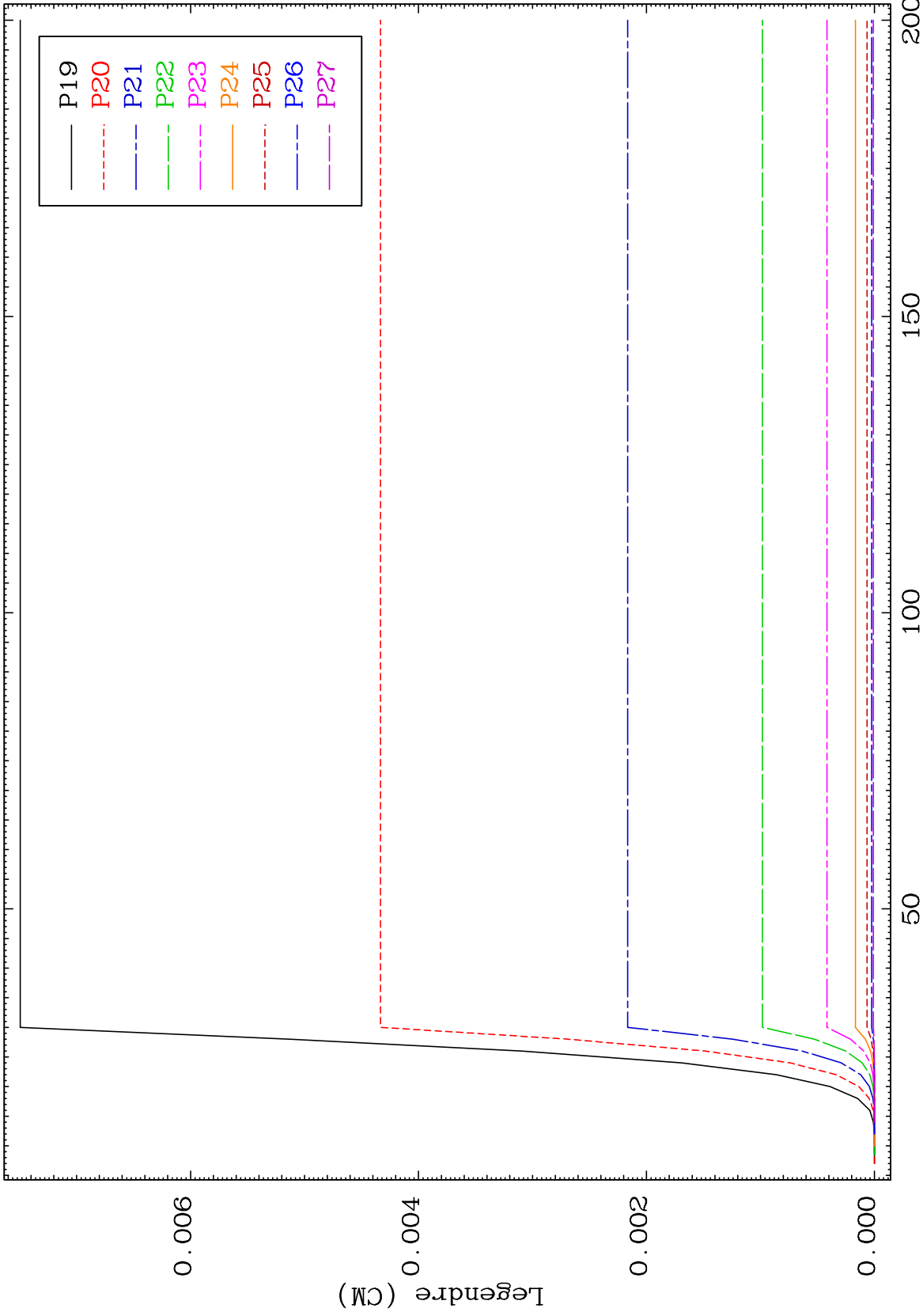
53-I -117



33

Incident Energy (MeV)

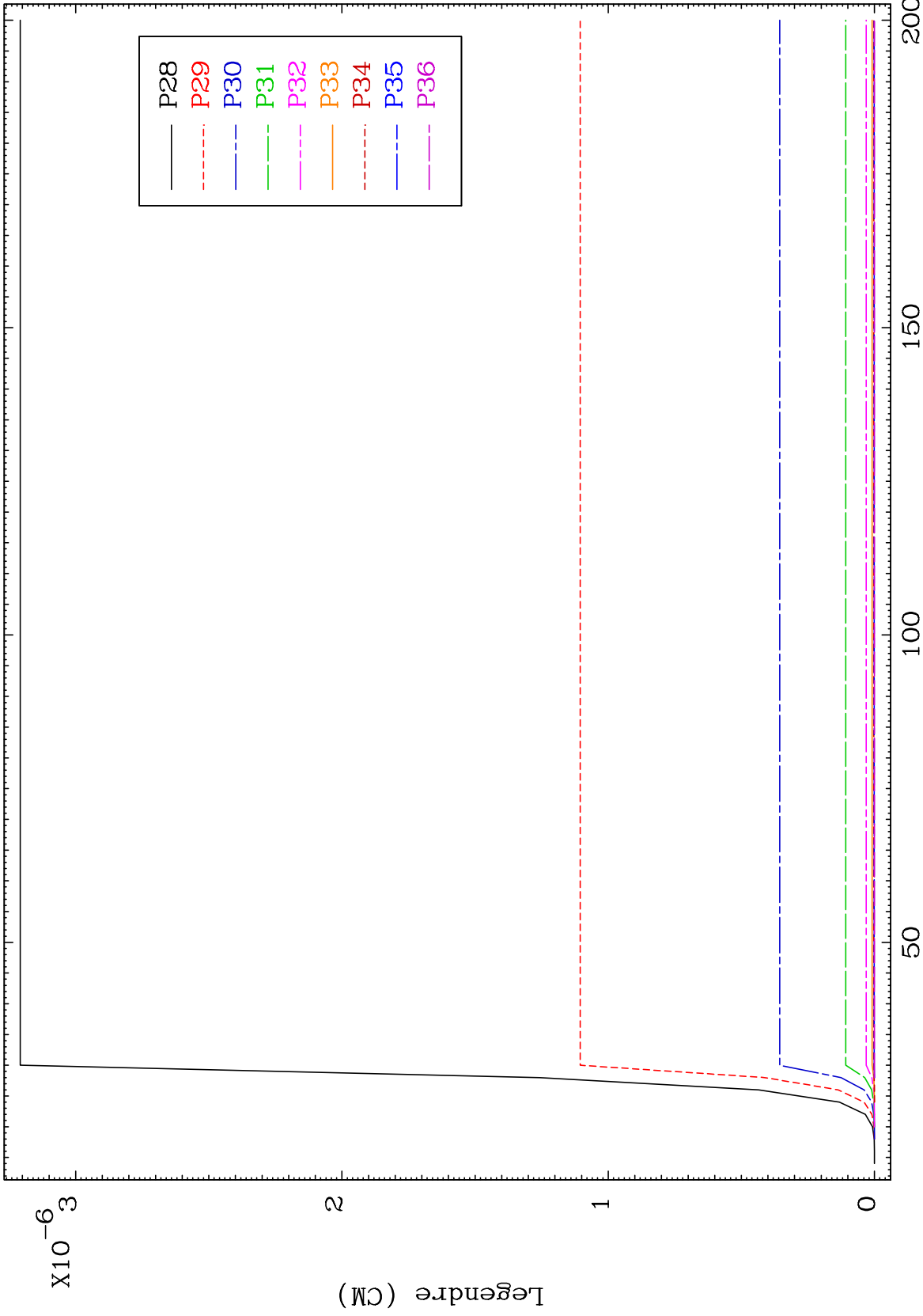
53-I -117



MAT 5295

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

53-I -117



35

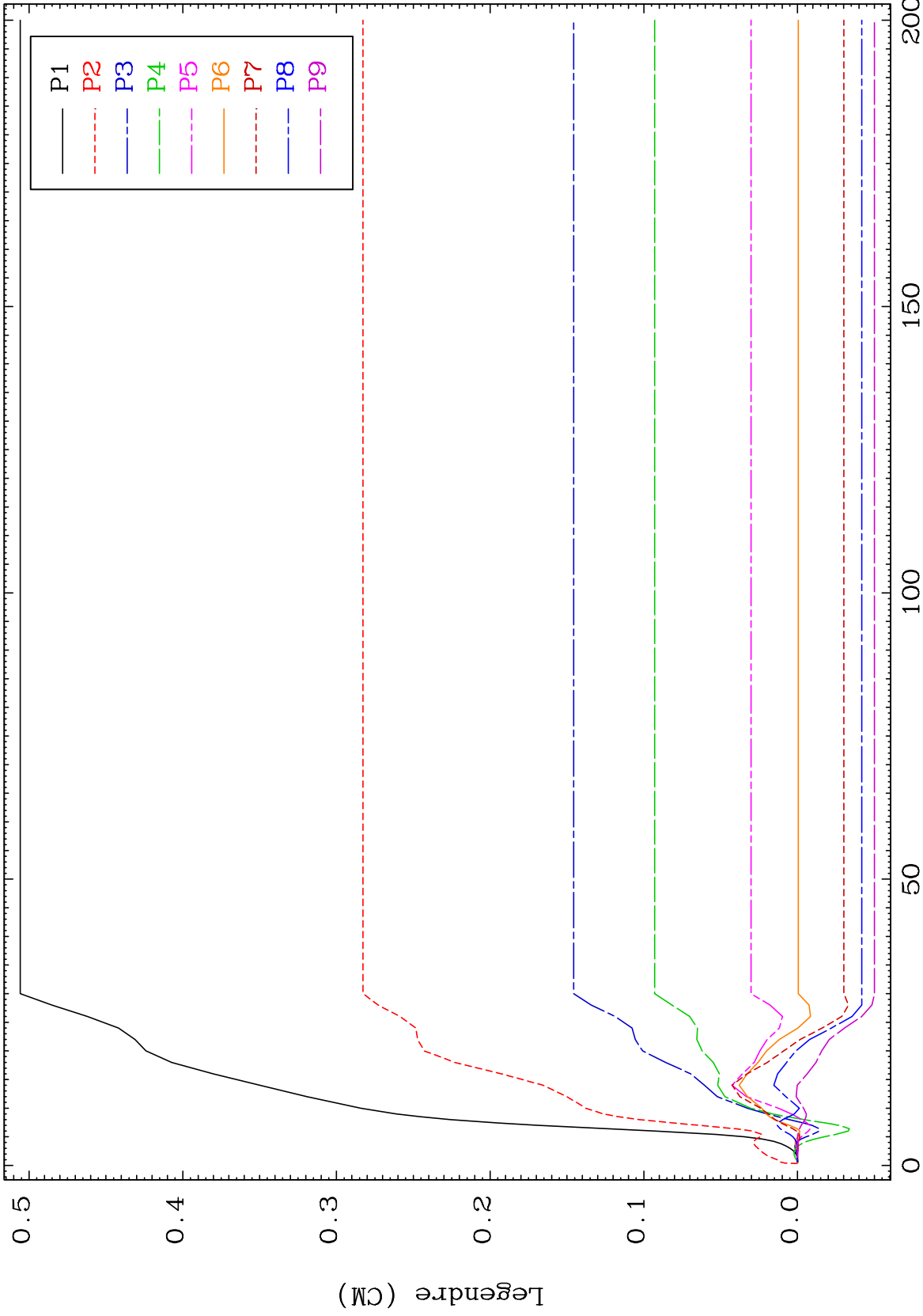
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



36

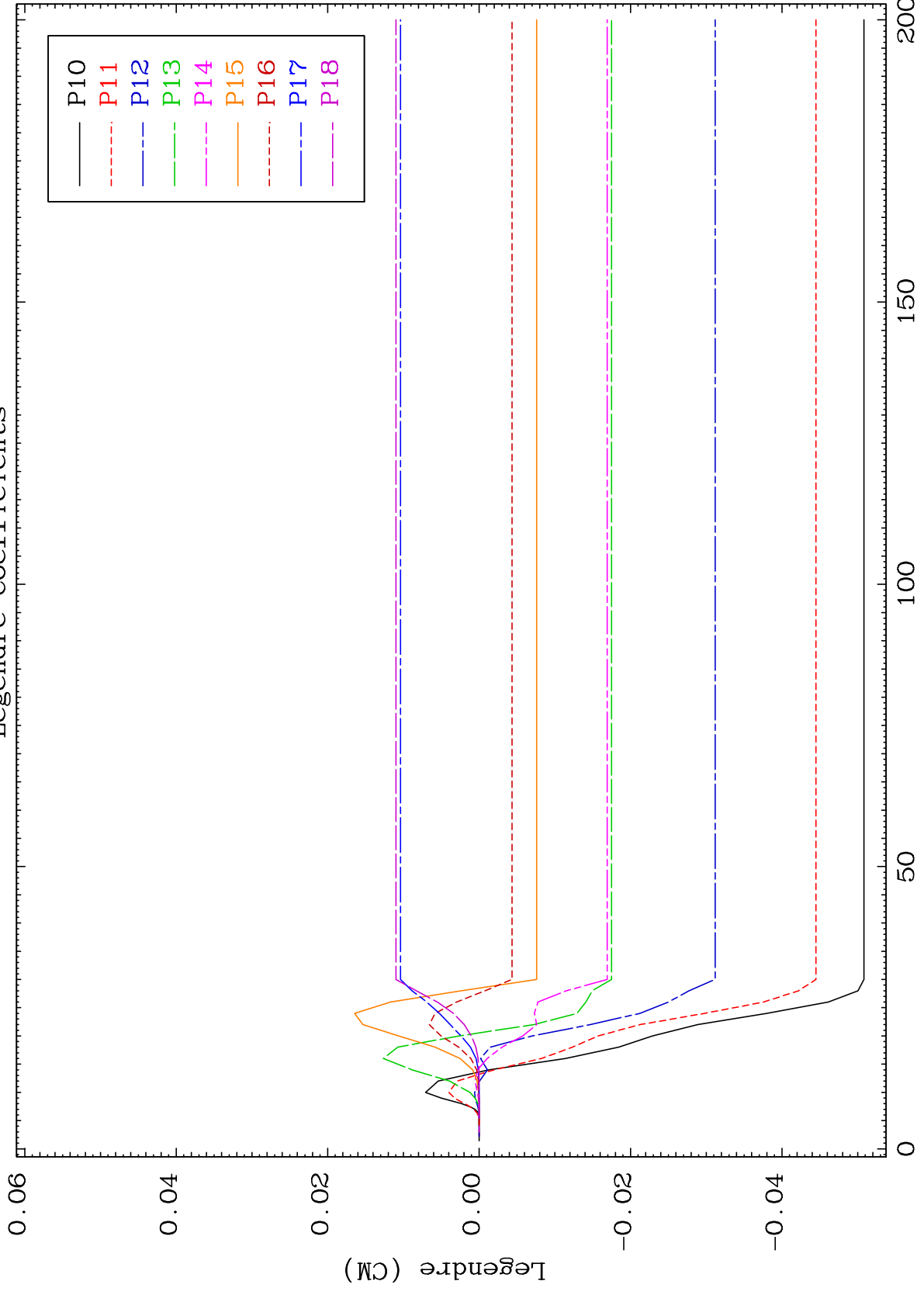
Incident Energy (MeV)

53-I -117

MAT 5295

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

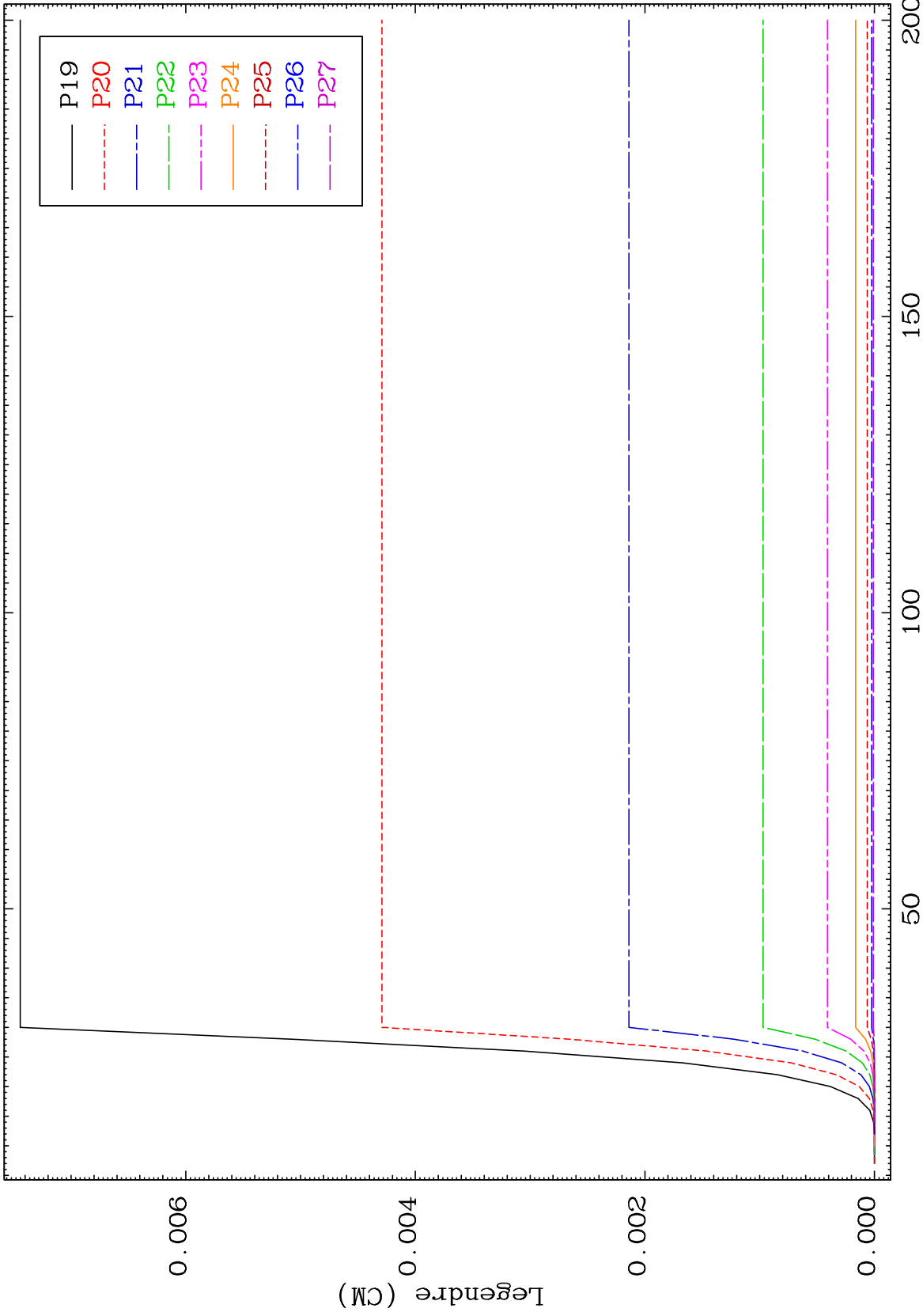
53-I -117



37

Incident Energy (MeV)

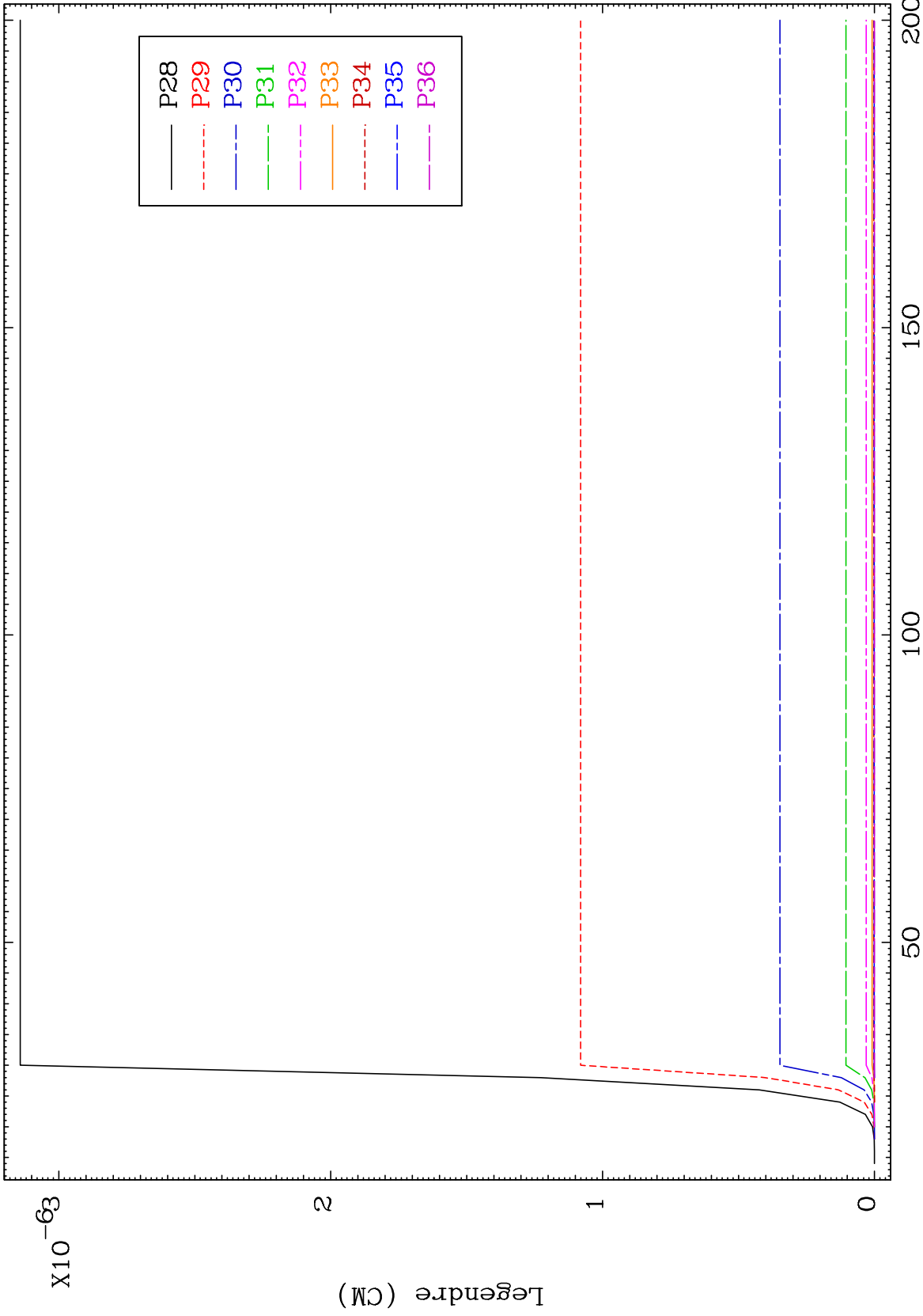
53-I -117



MAT 5295

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

53-I -117



39

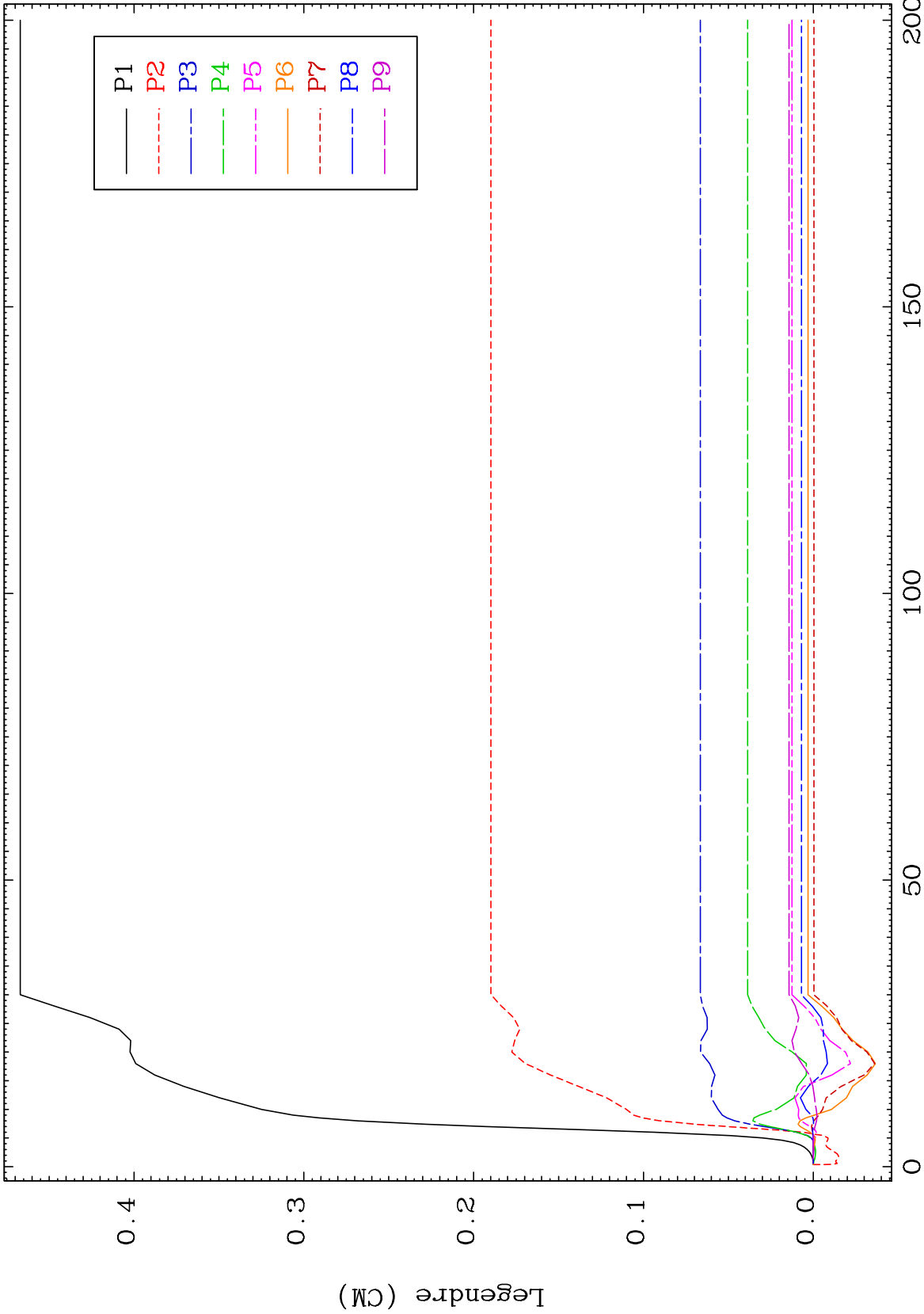
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



53-I -117

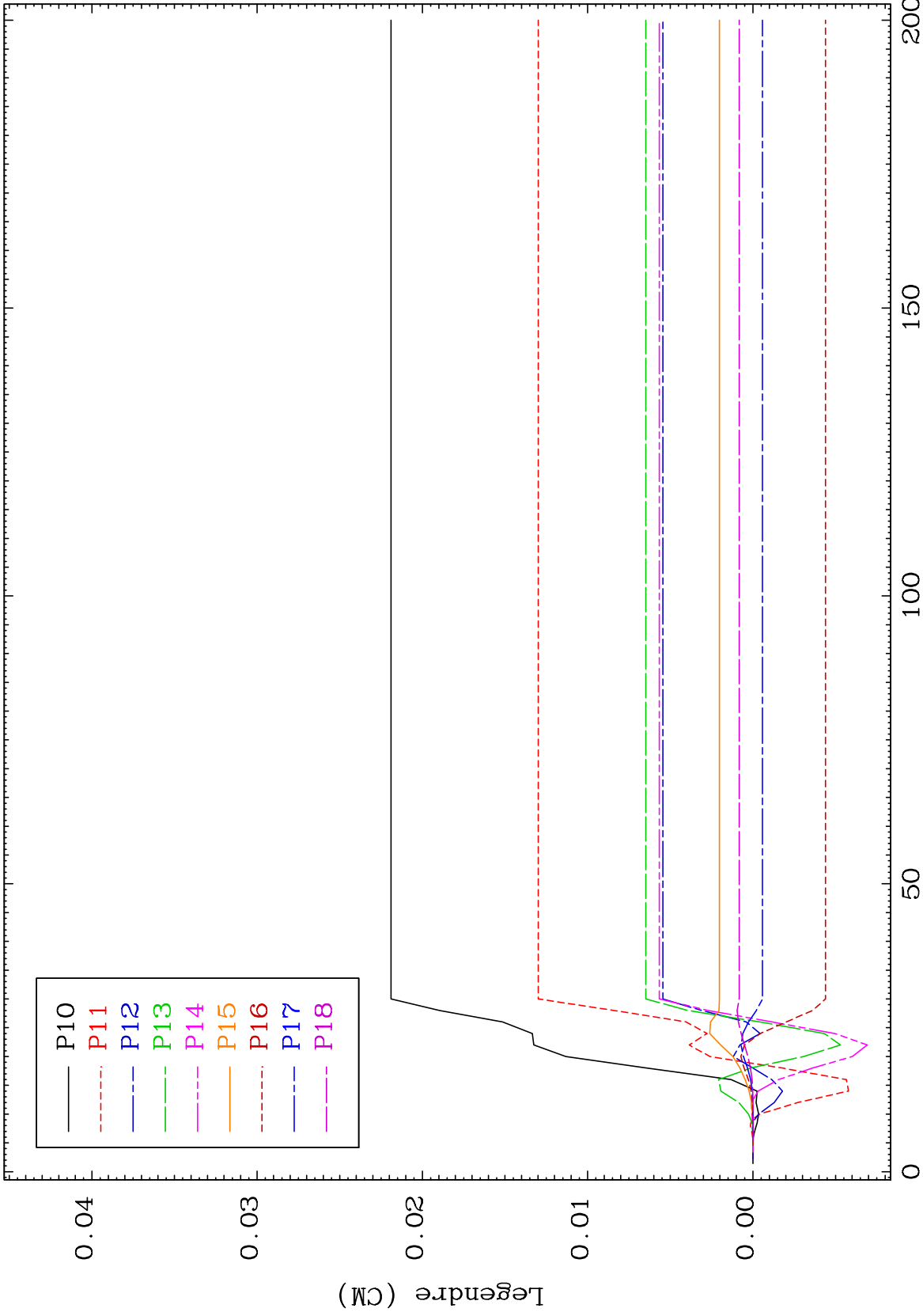
Incident Energy (MeV)

40

MAT 5295

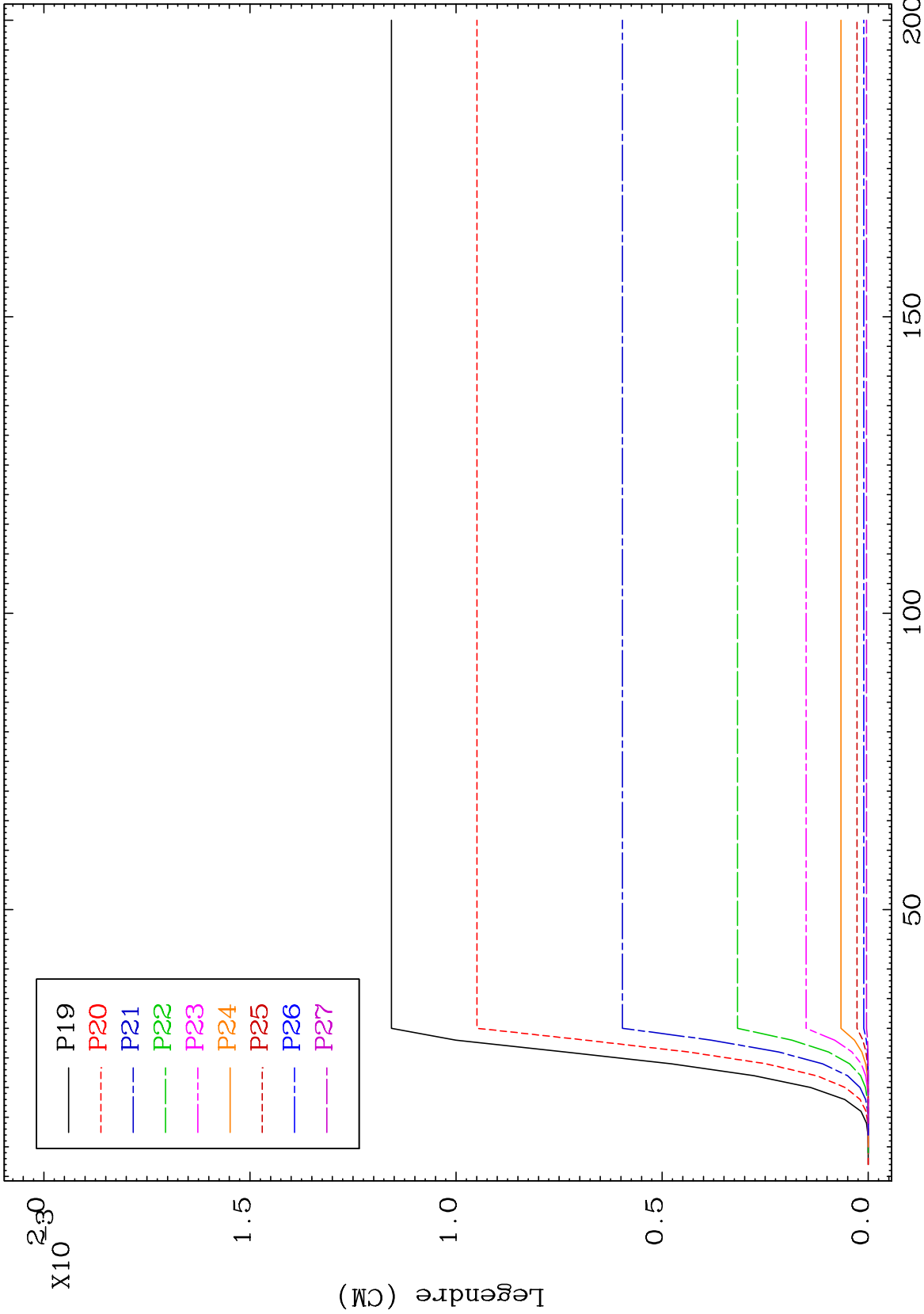
MT= 56 (n,n') Level
Legendre Coefficients

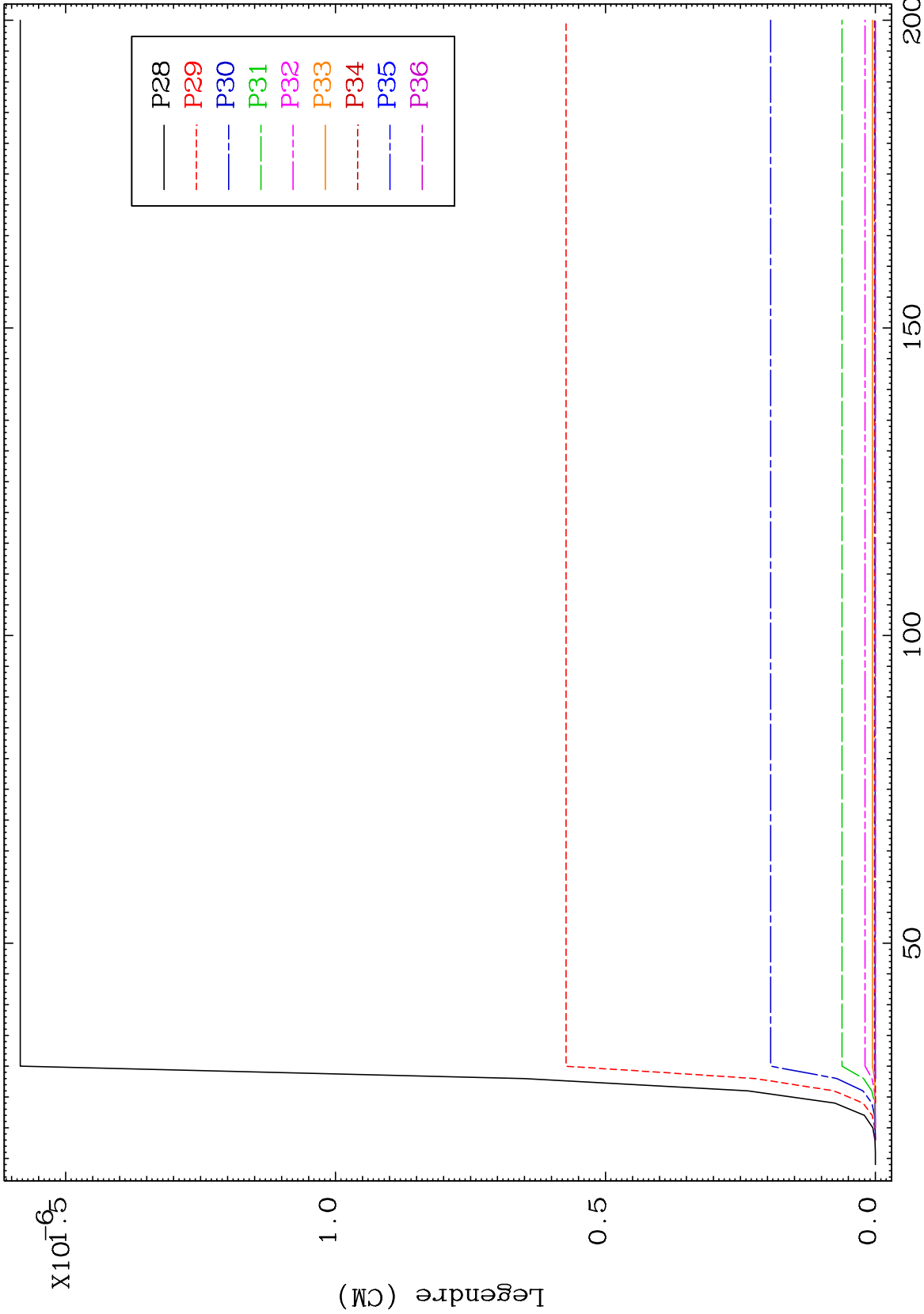
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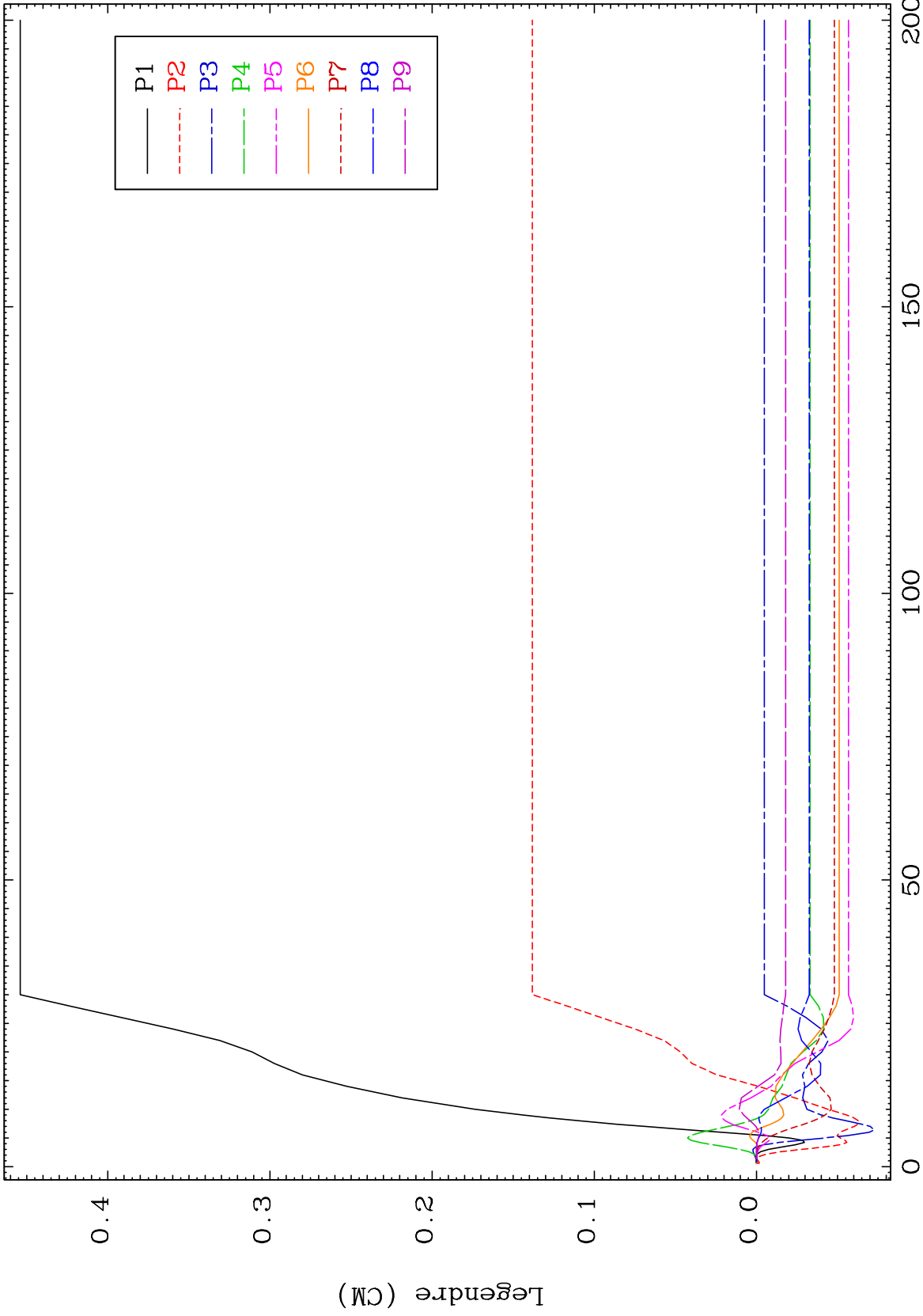


41

53-I -117



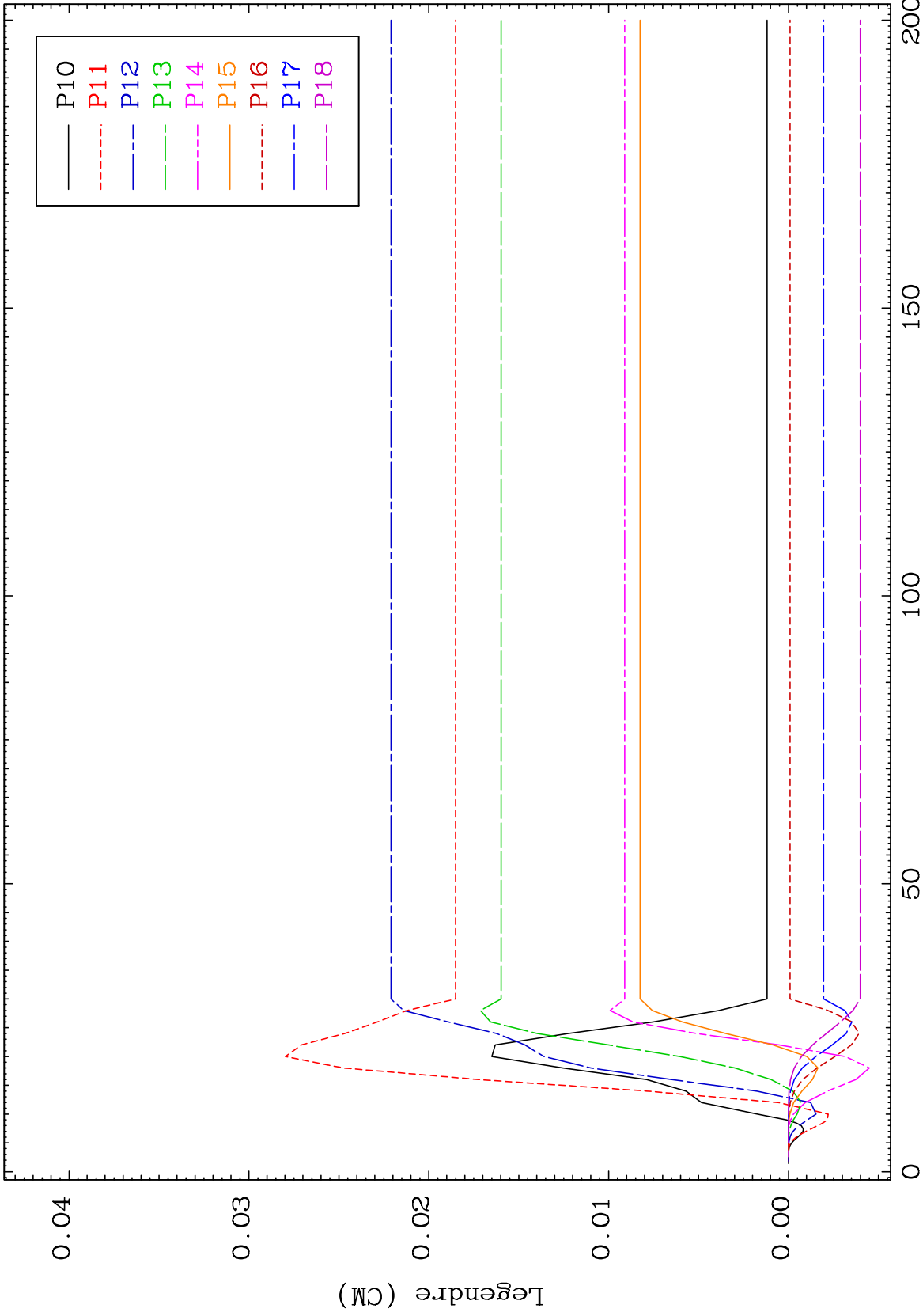




MAT 5295

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

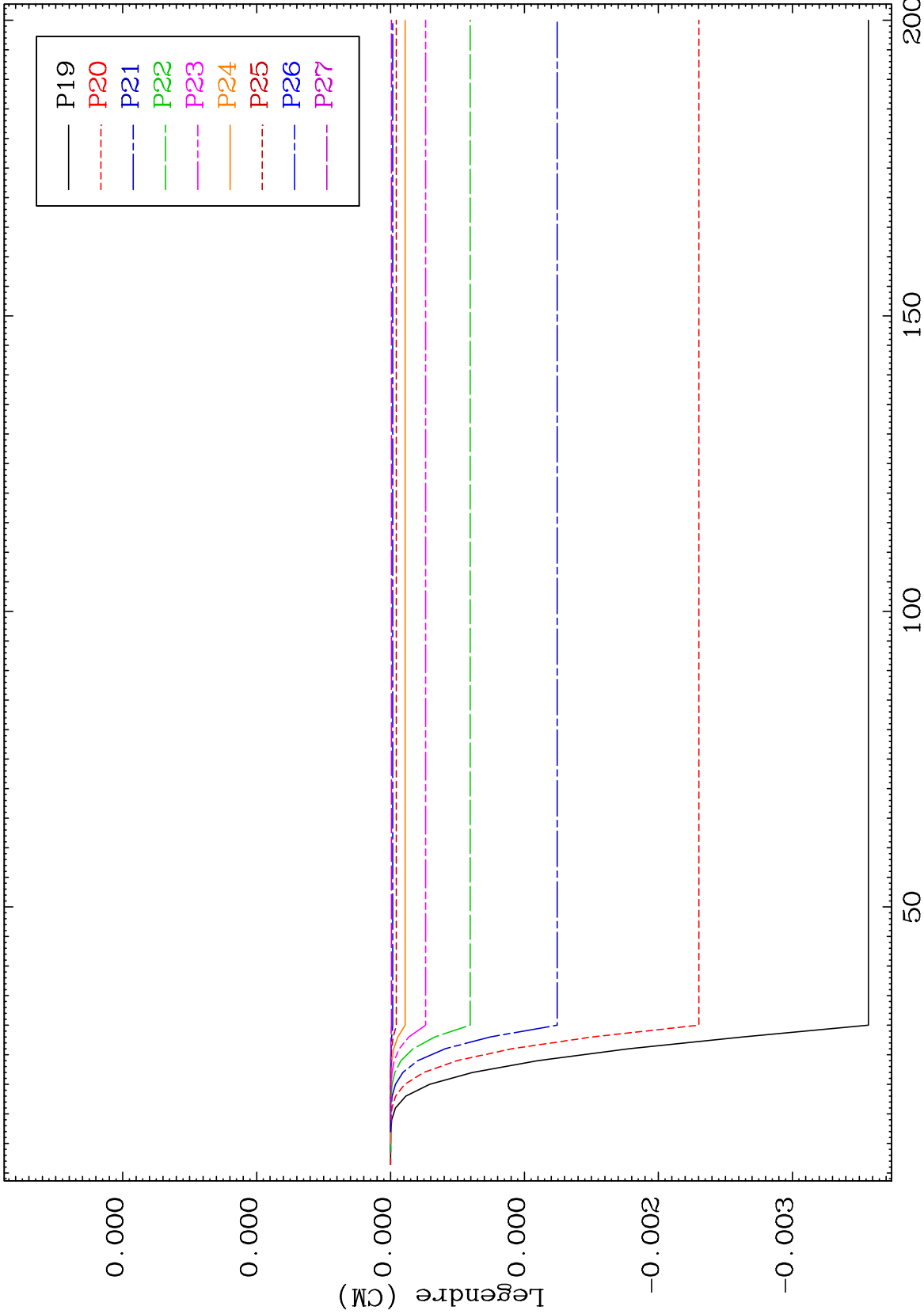
53-I -117



45

Incident Energy (MeV)

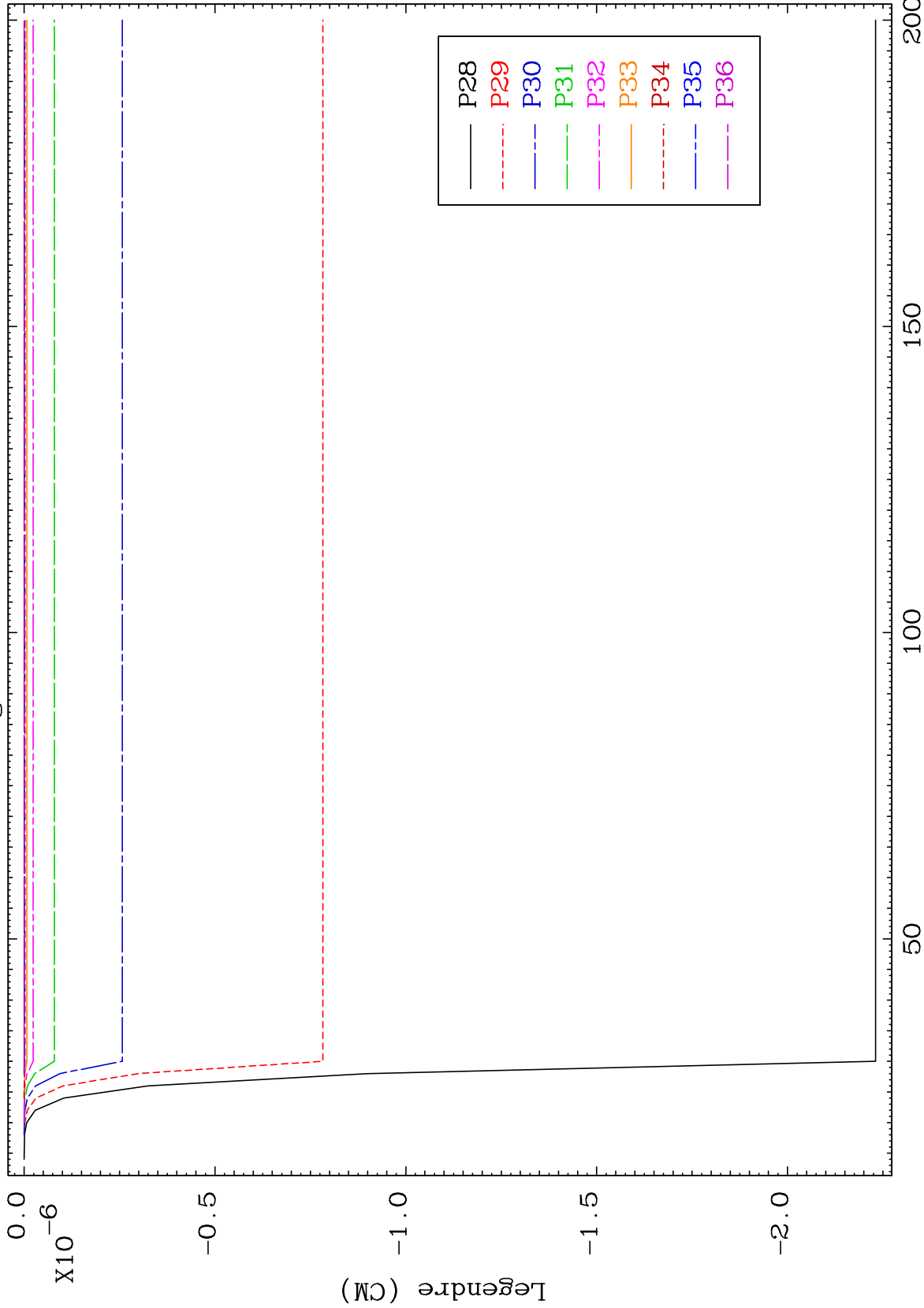
53-I -117



MAT 5295

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

53-I -117



47

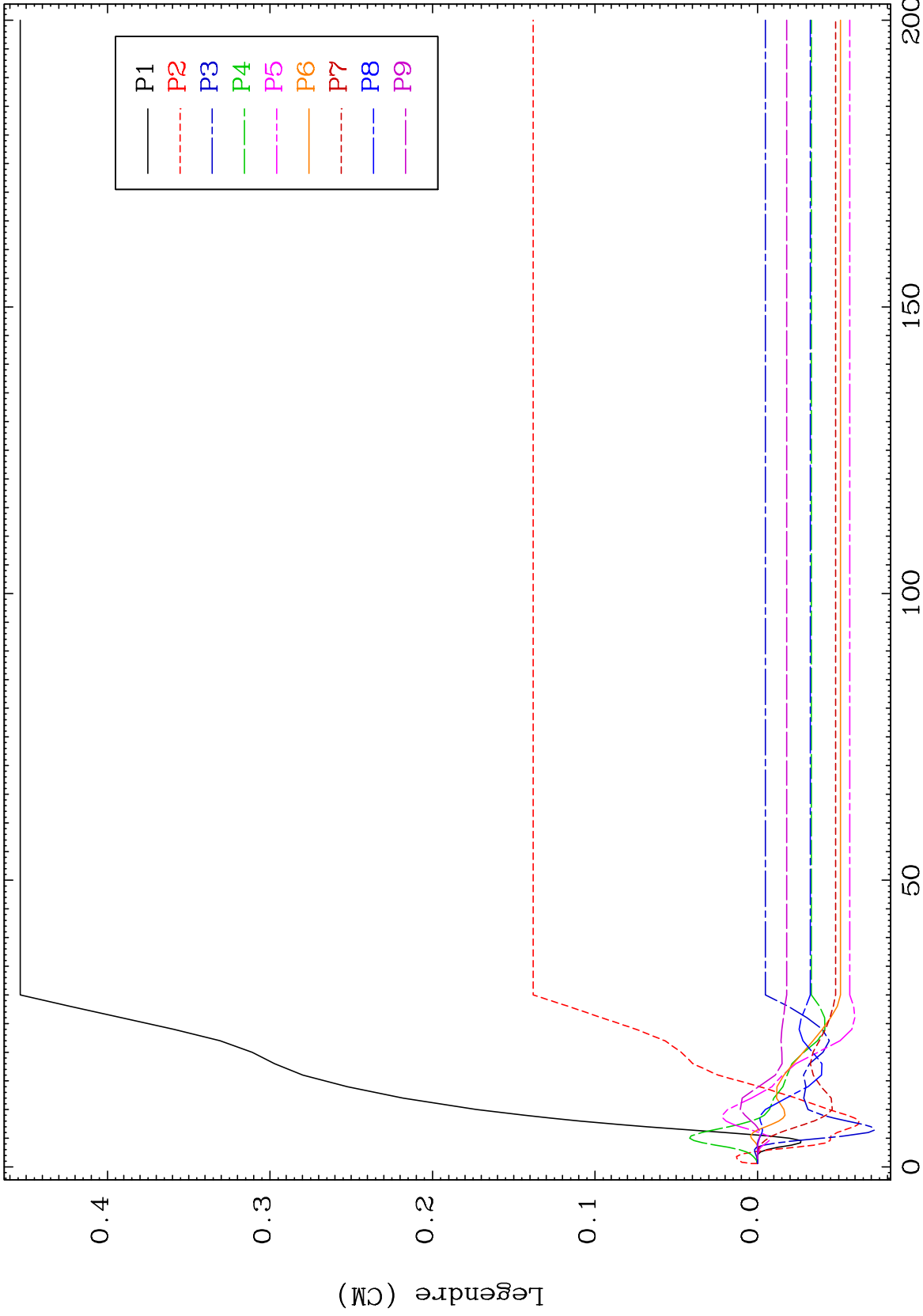
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



48

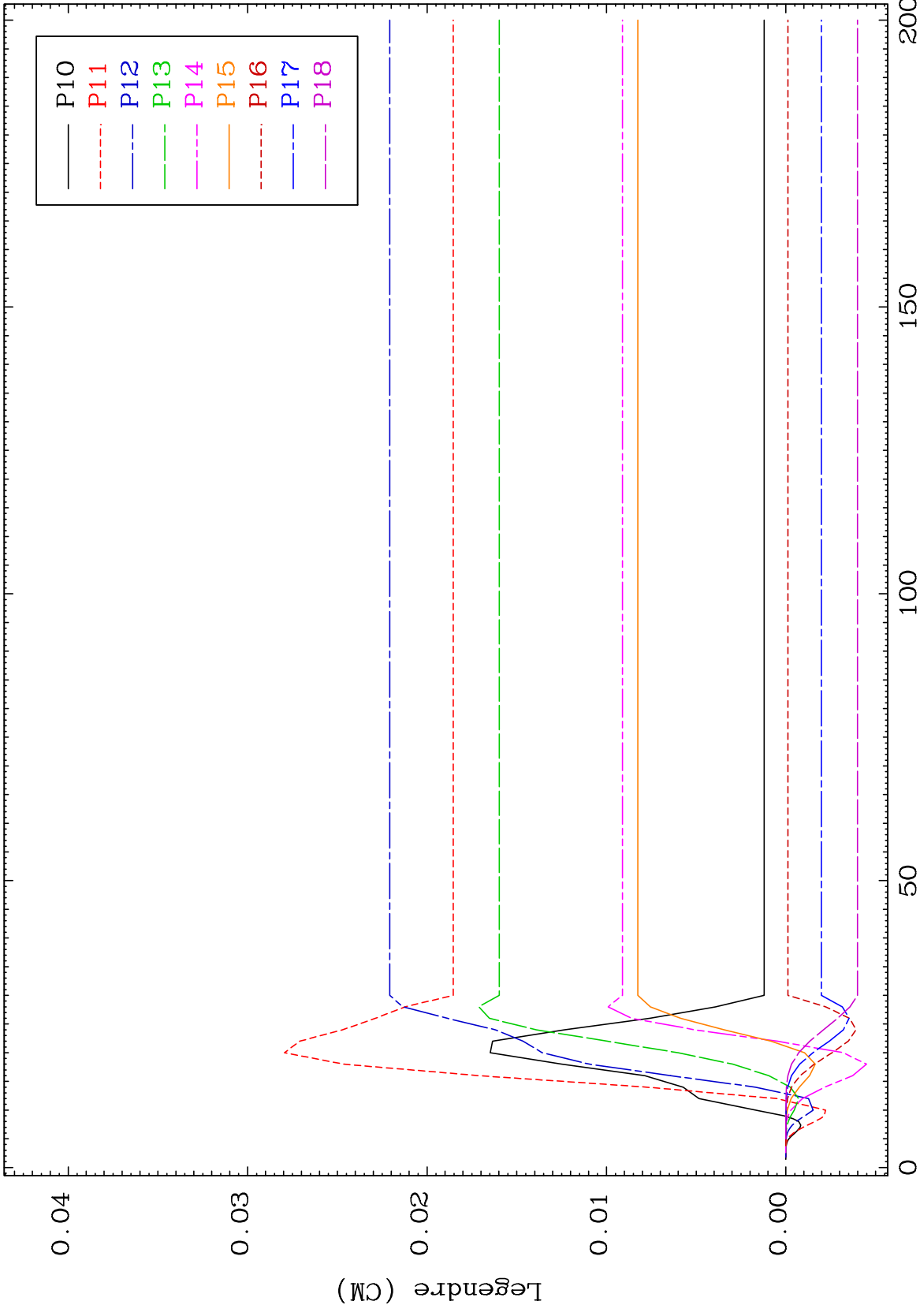
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



49

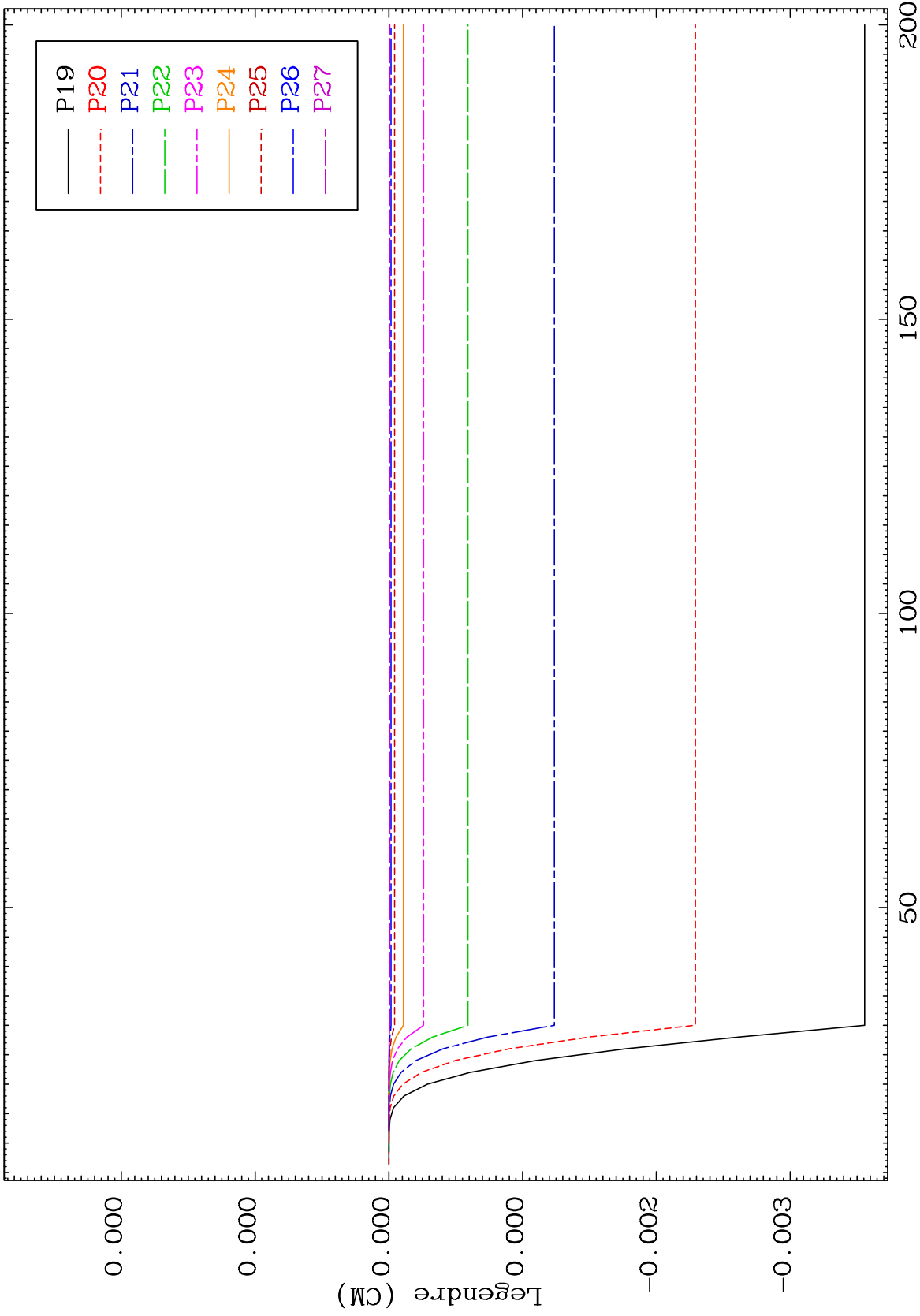
Incident Energy (MeV)

53-I -117

MAT 5295

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

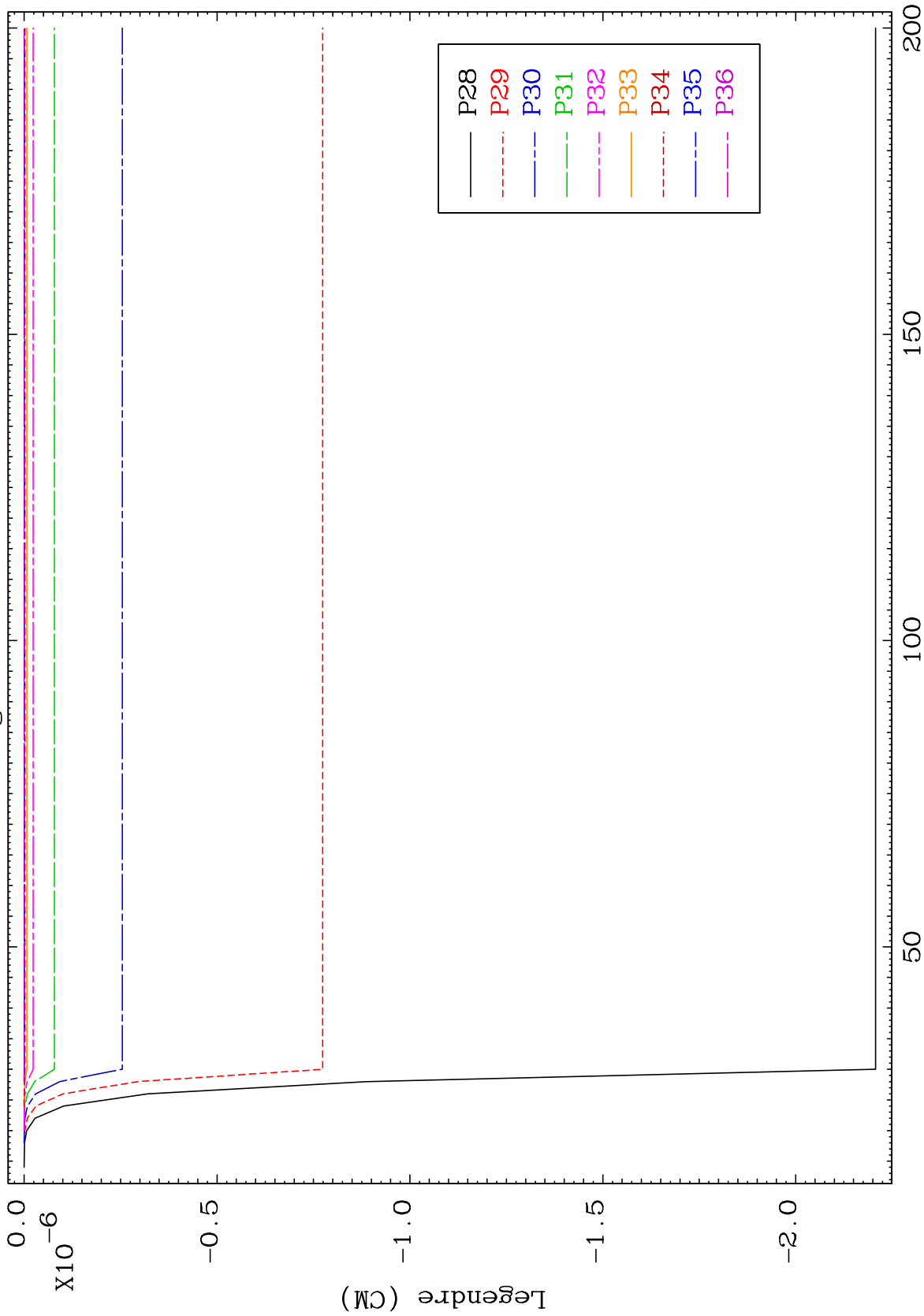
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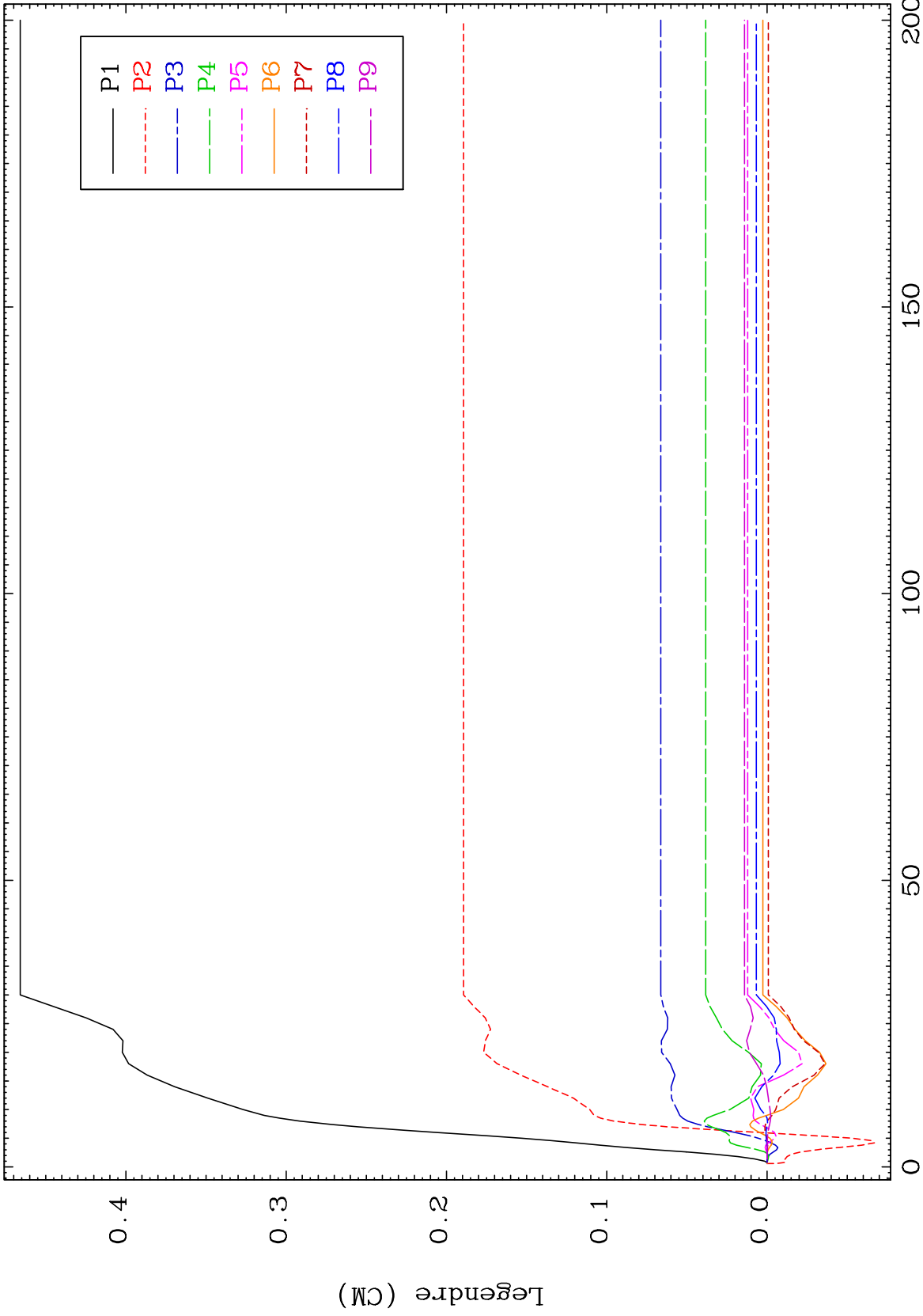


50

Incident Energy (MeV)

53-I -117

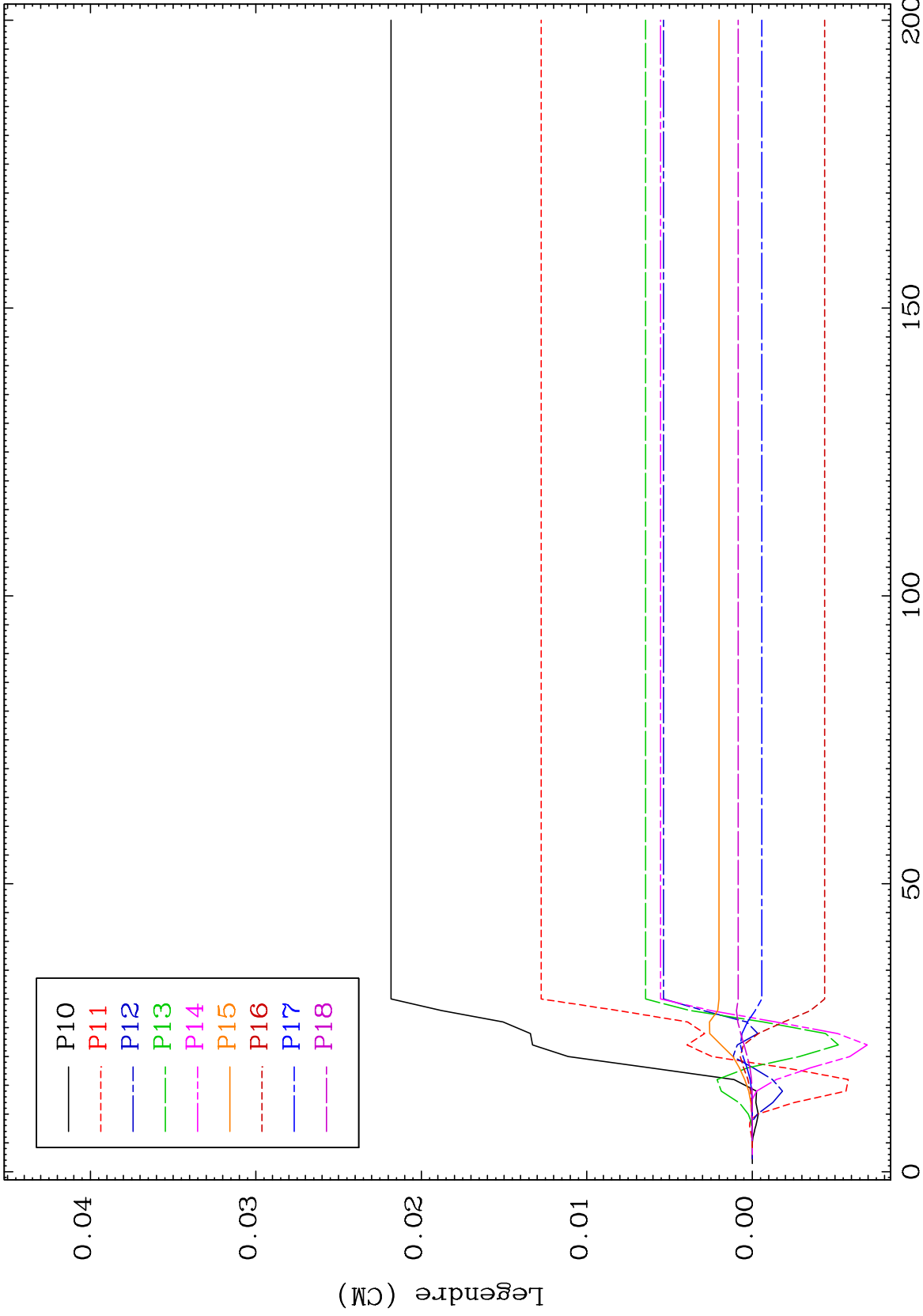




MAT 5295

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

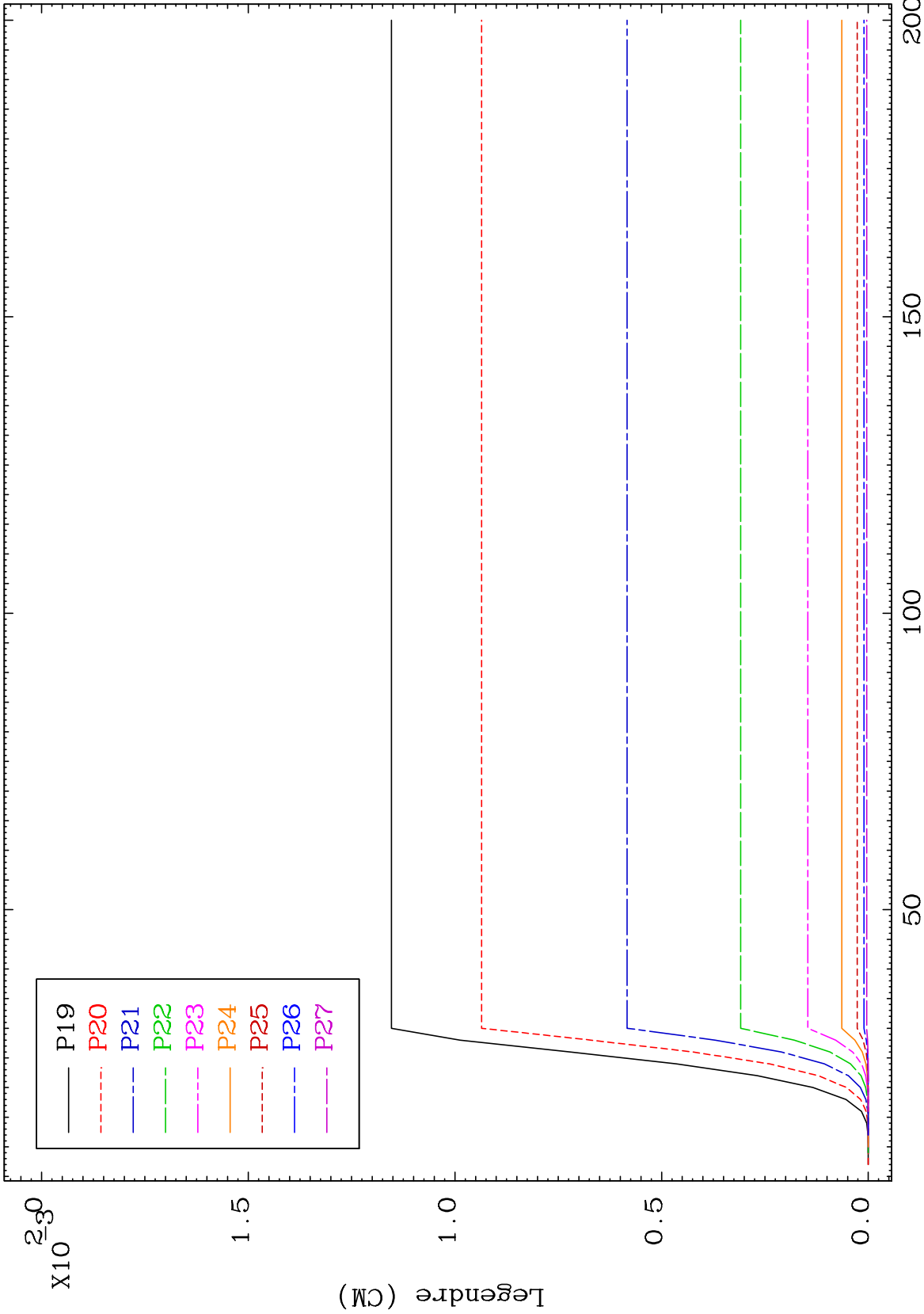
53-I -117



53

Incident Energy (MeV)

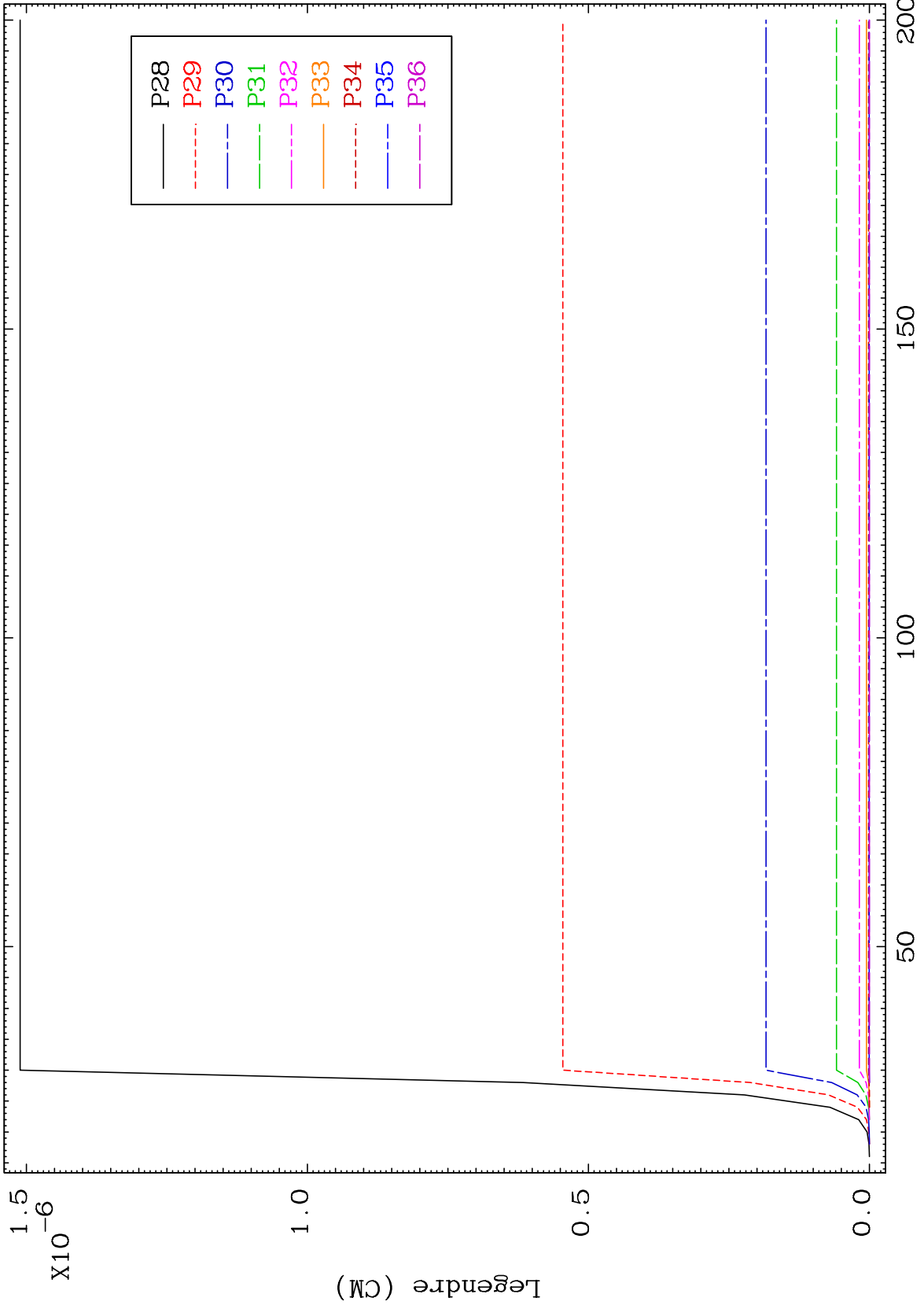
53-I -117



MAT 5295

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

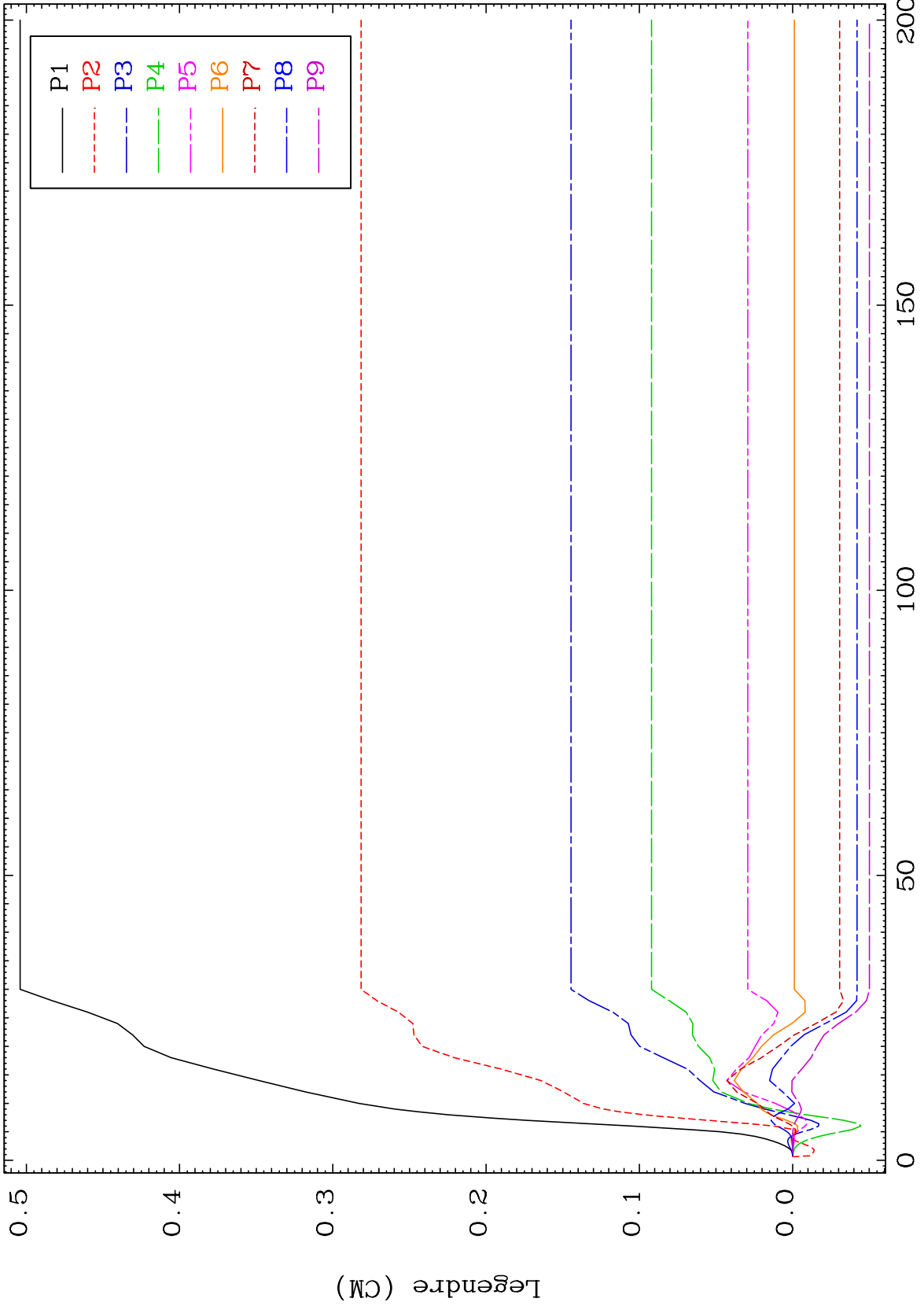
53-I -117



55

Incident Energy (MeV)

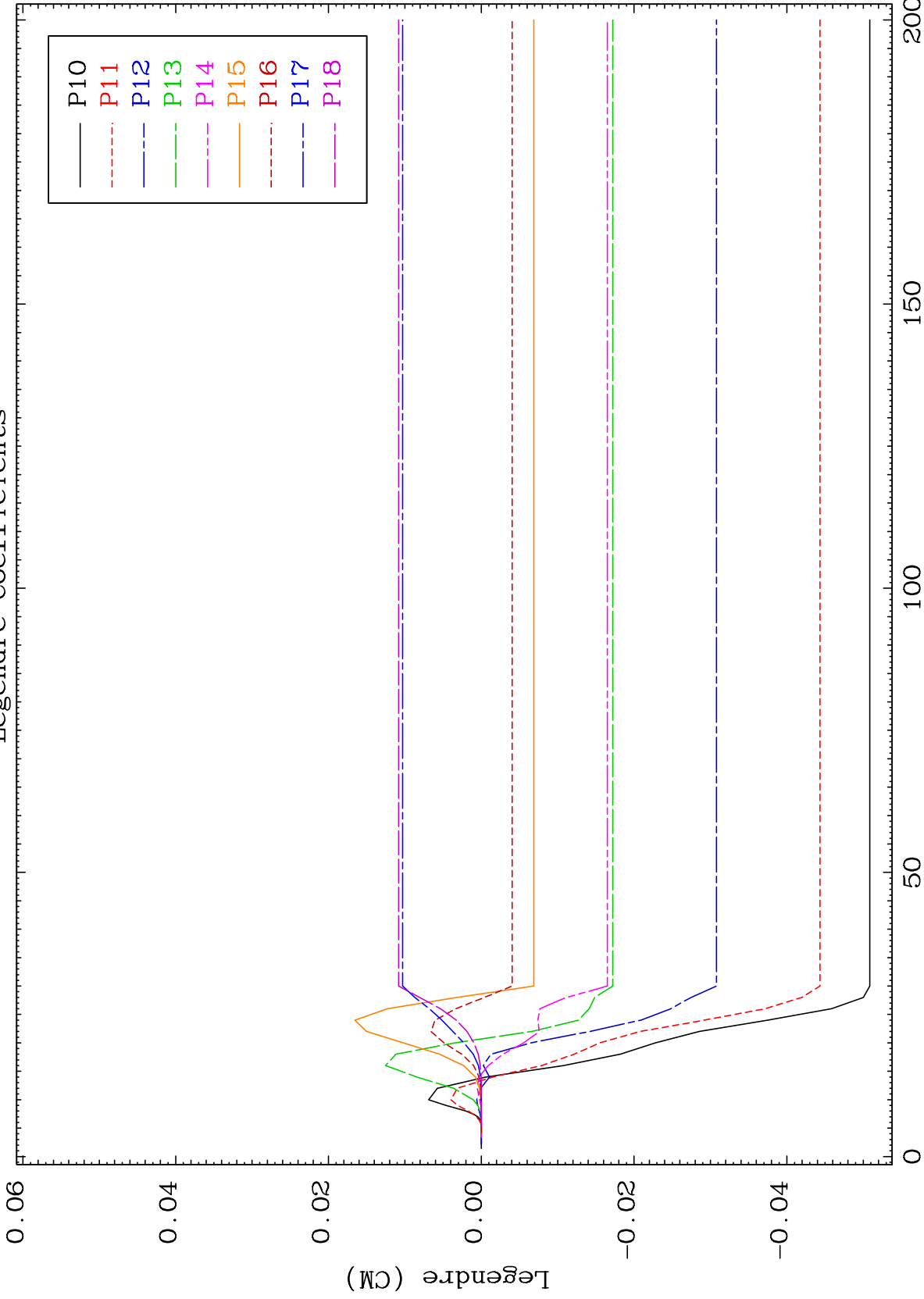
53-I -117



MAT 5295

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

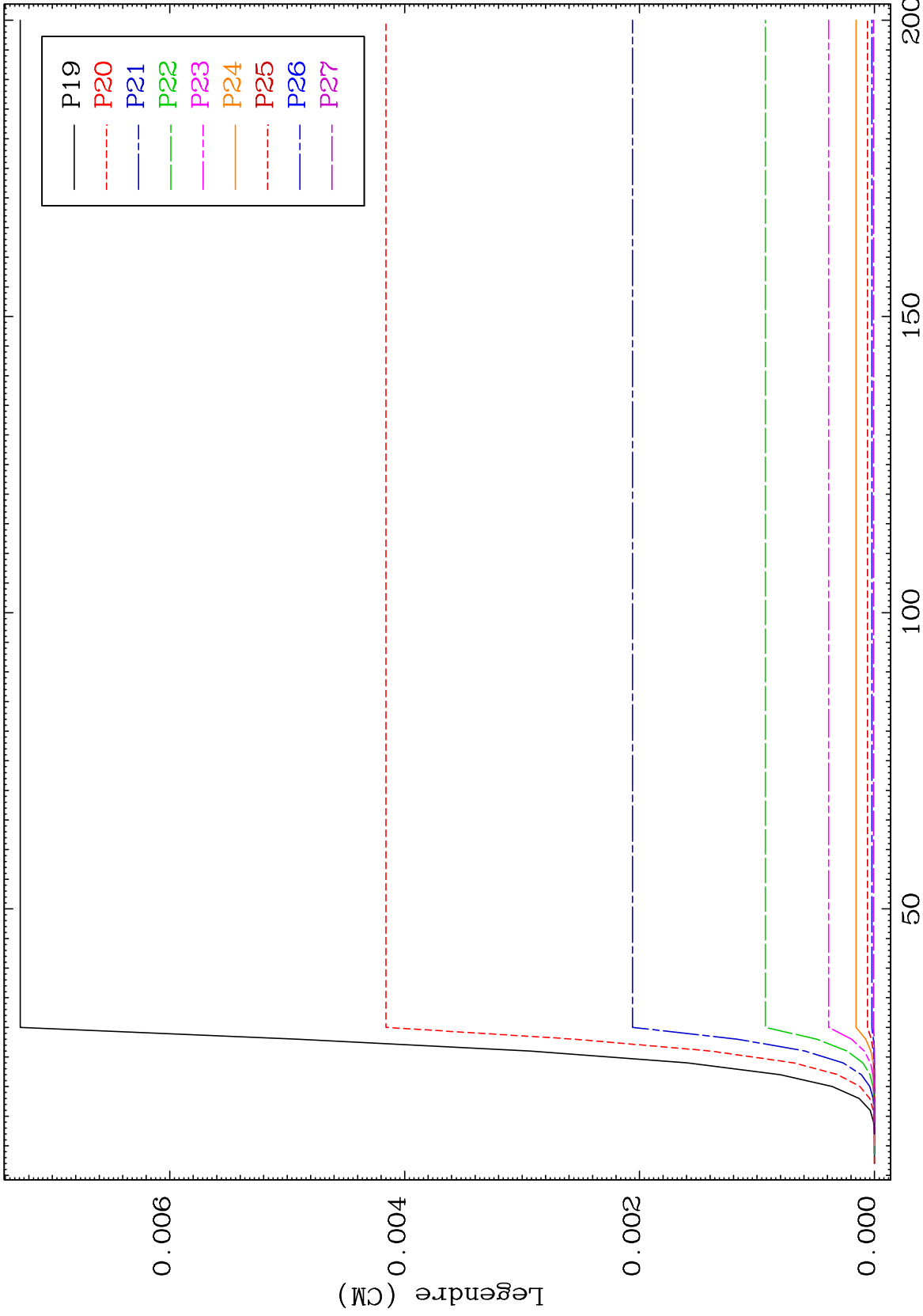
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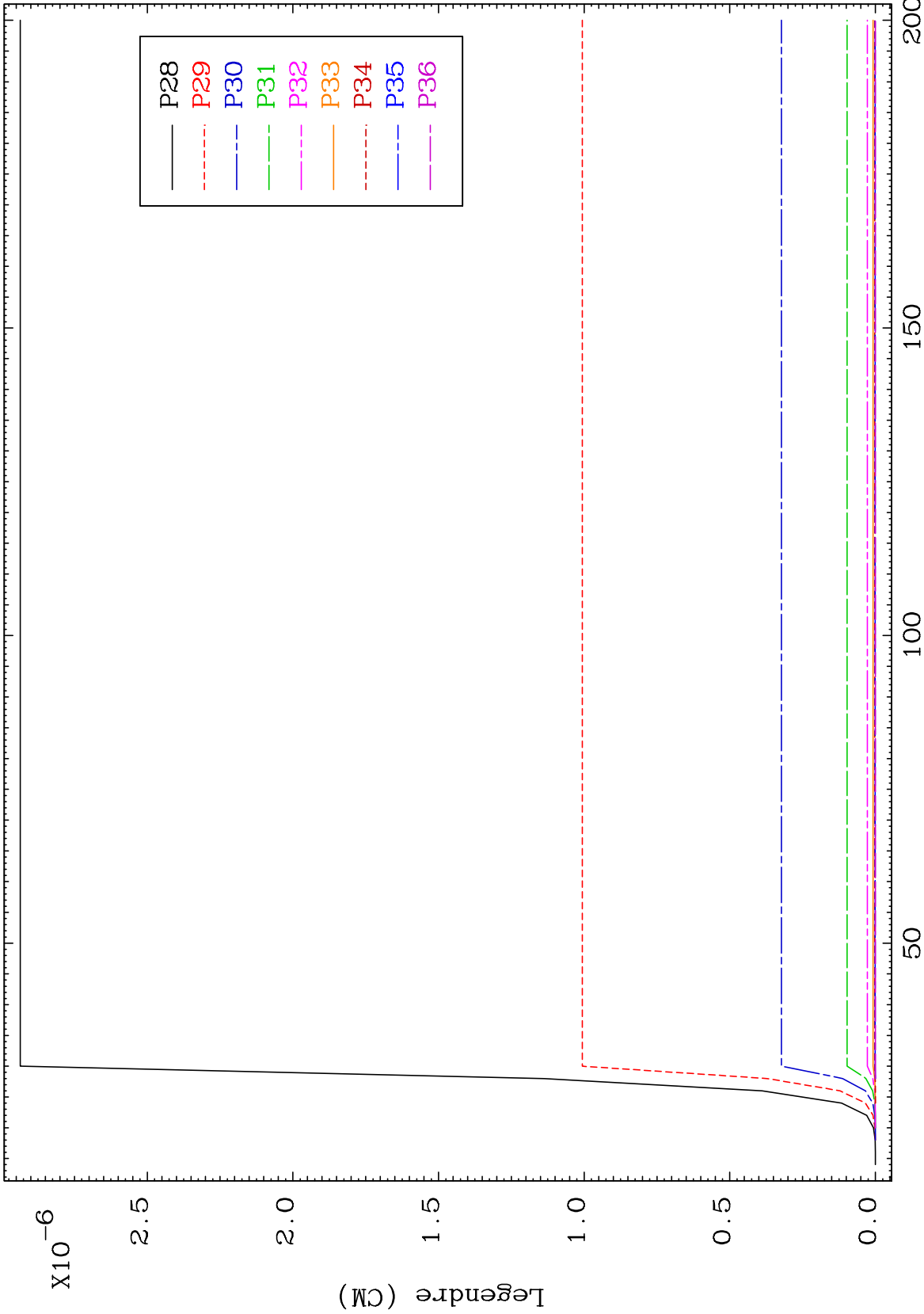


57

Incident Energy (MeV)

53-I -117

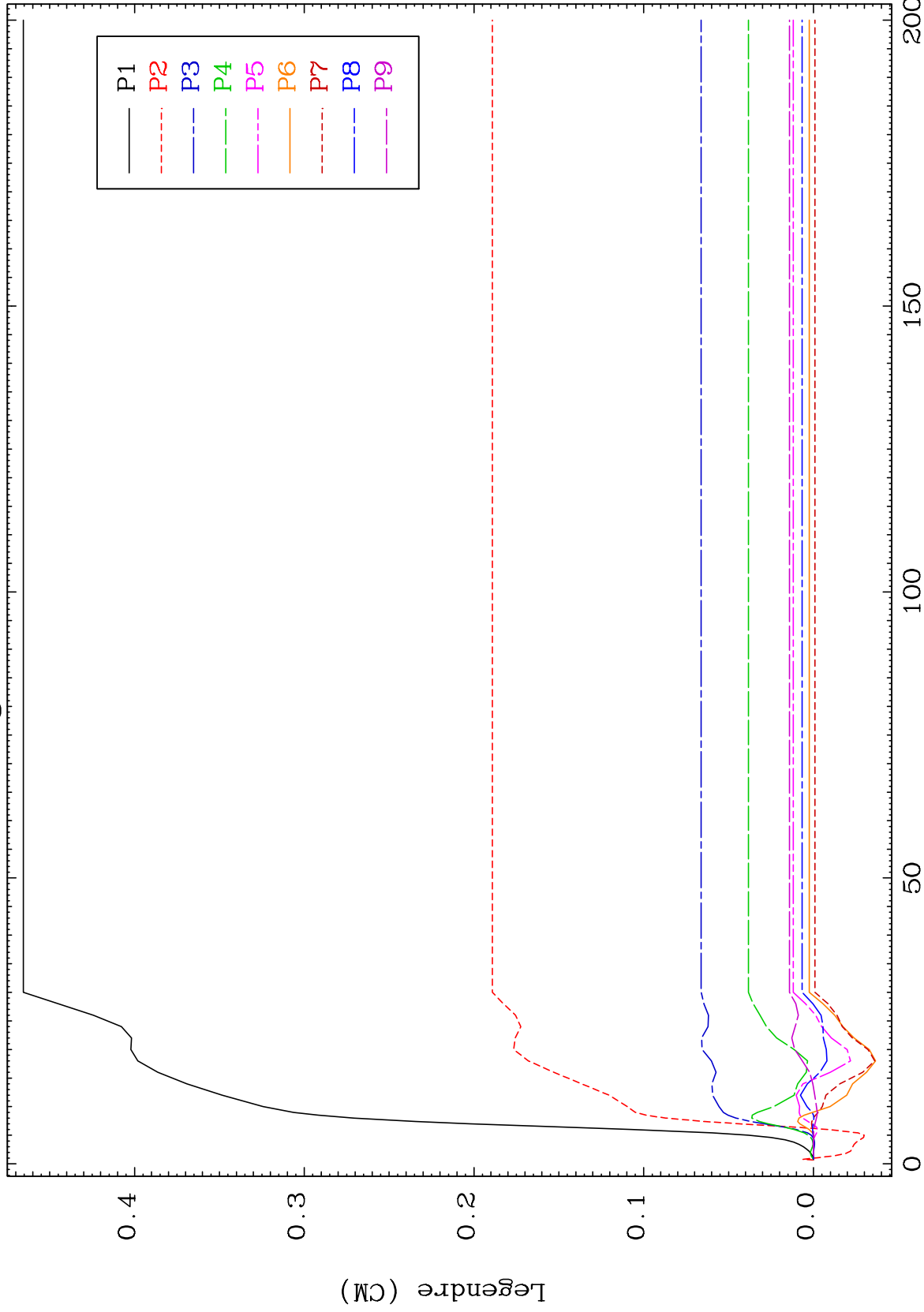




MAT 5295

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

53-I -117



60

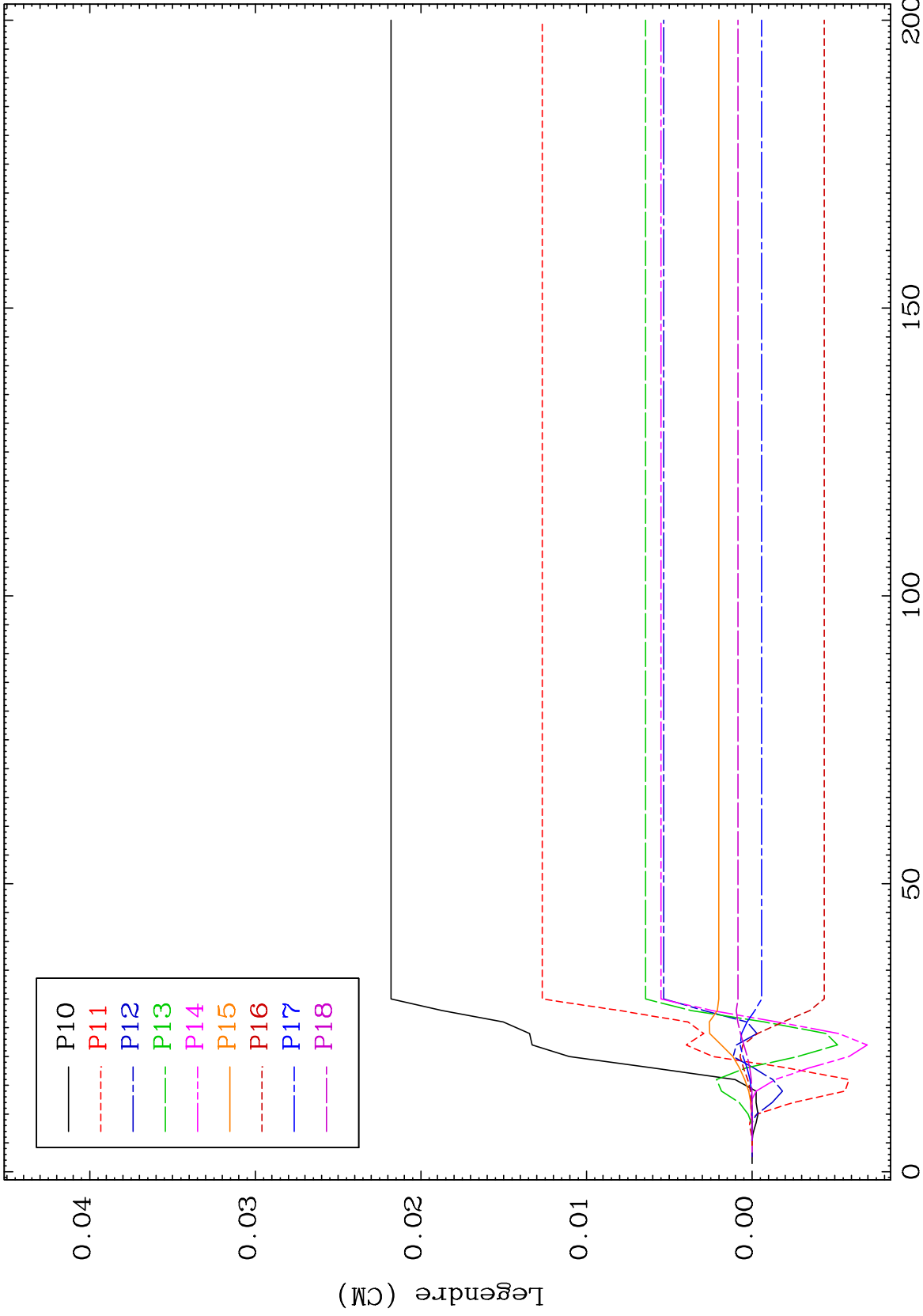
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



61

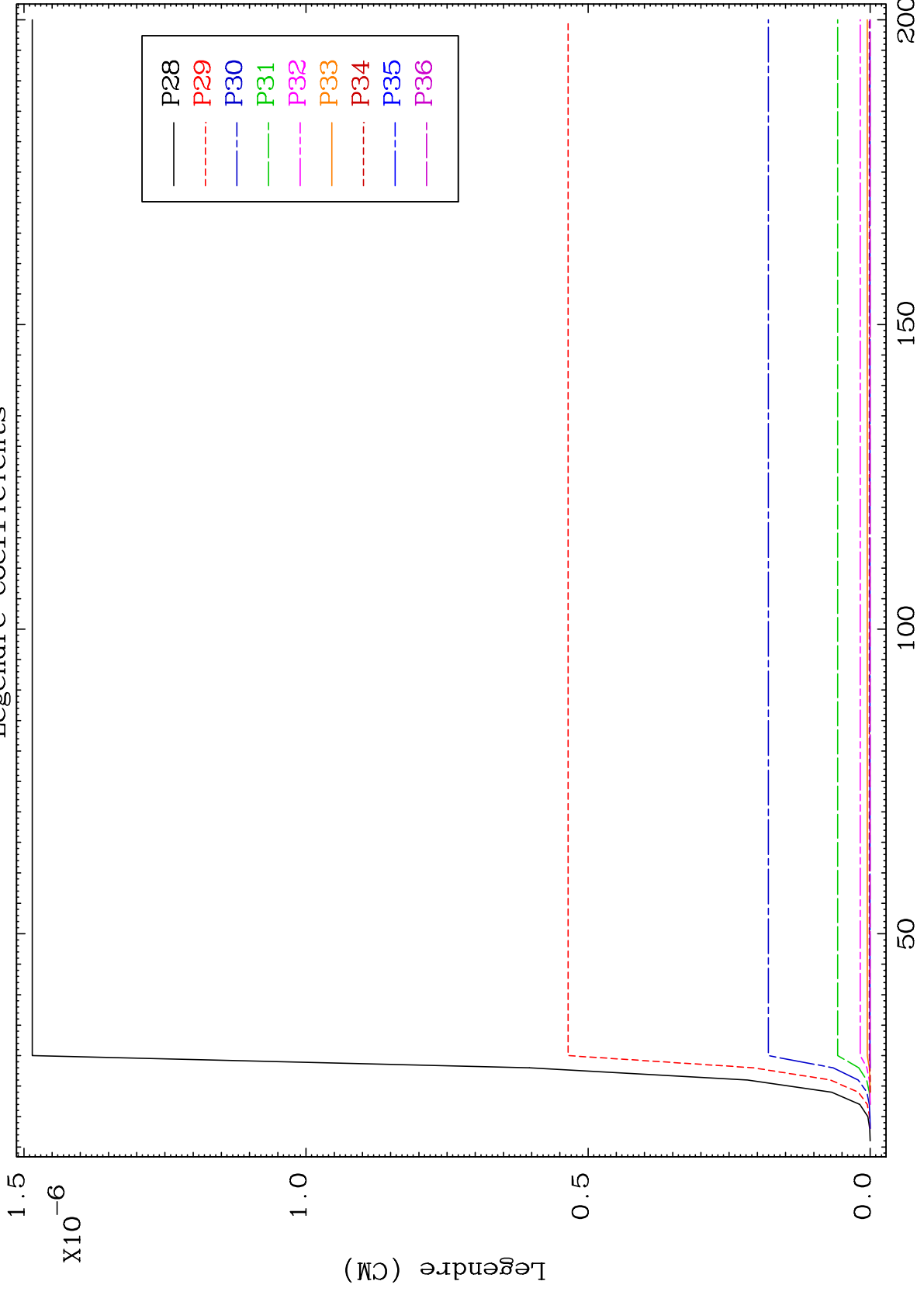
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



63

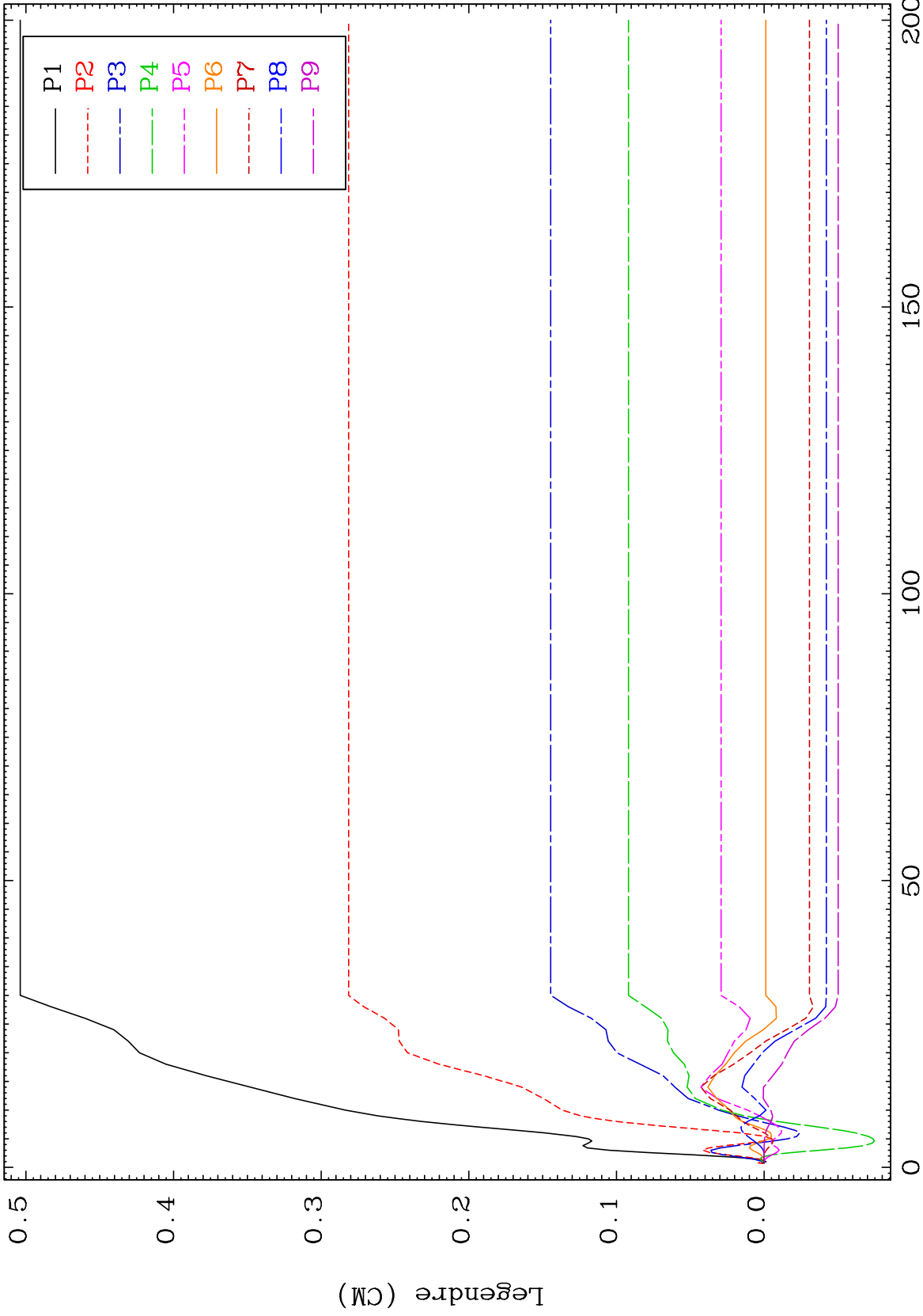
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



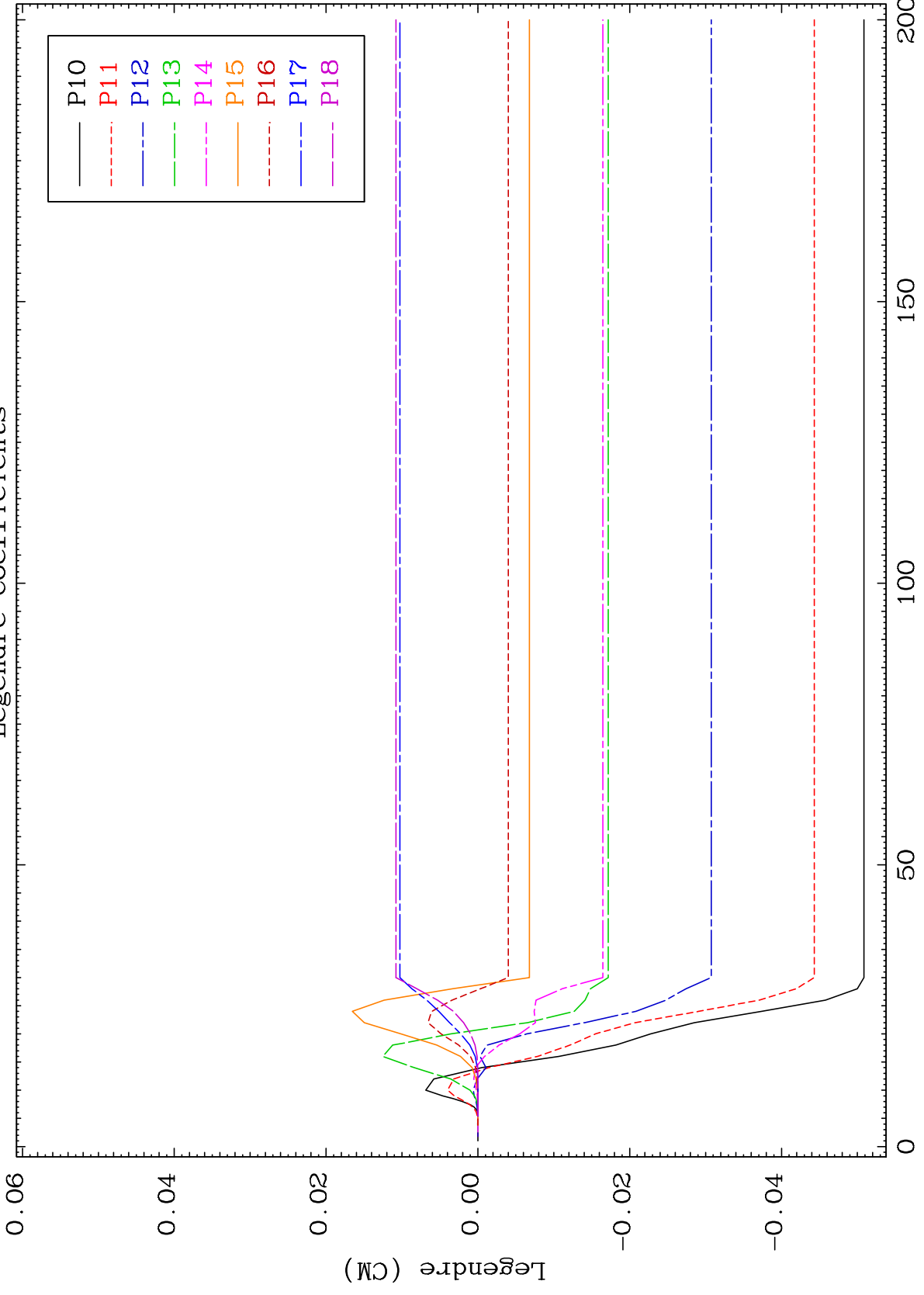
64

53-I -117

MAT 5295

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

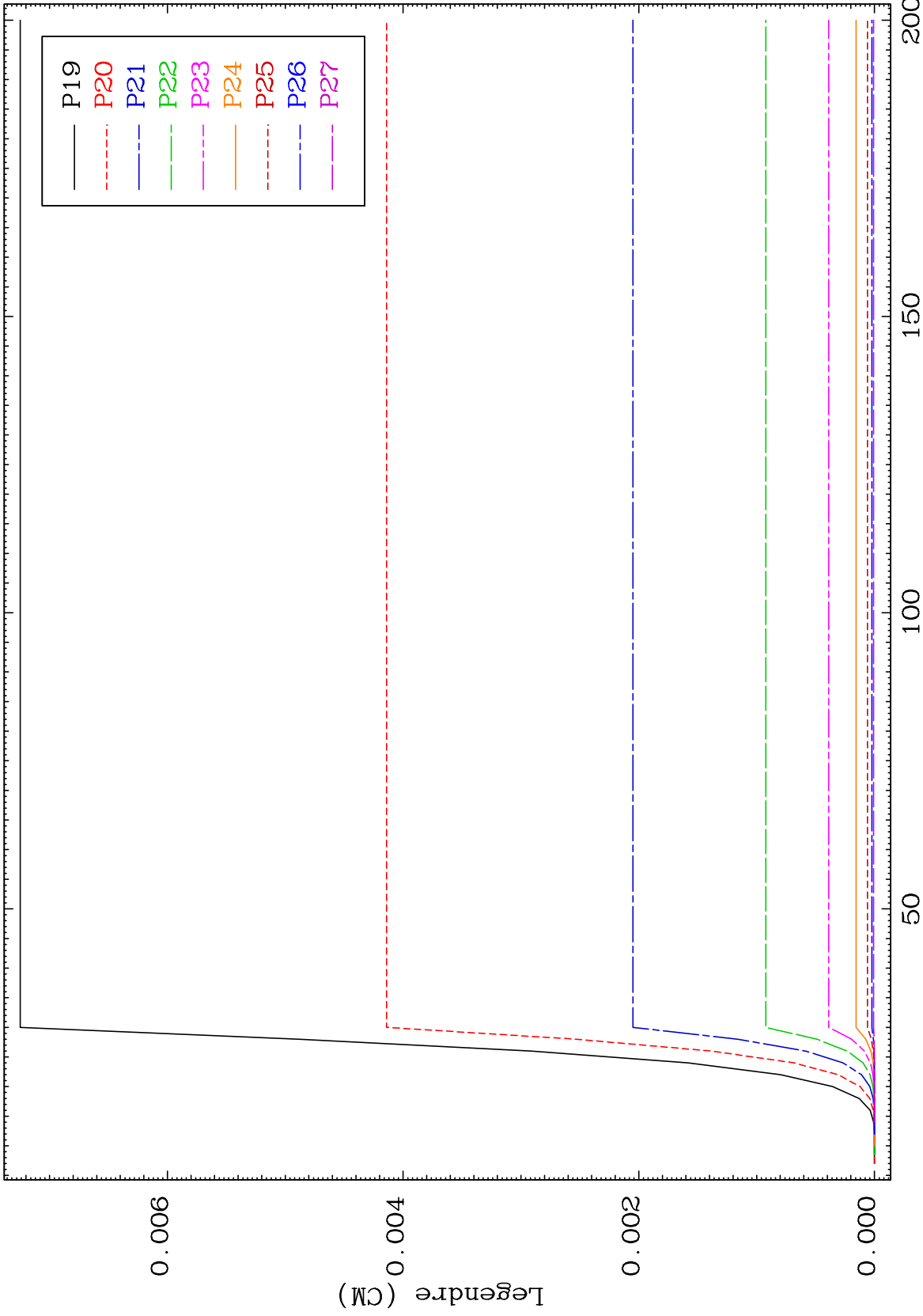
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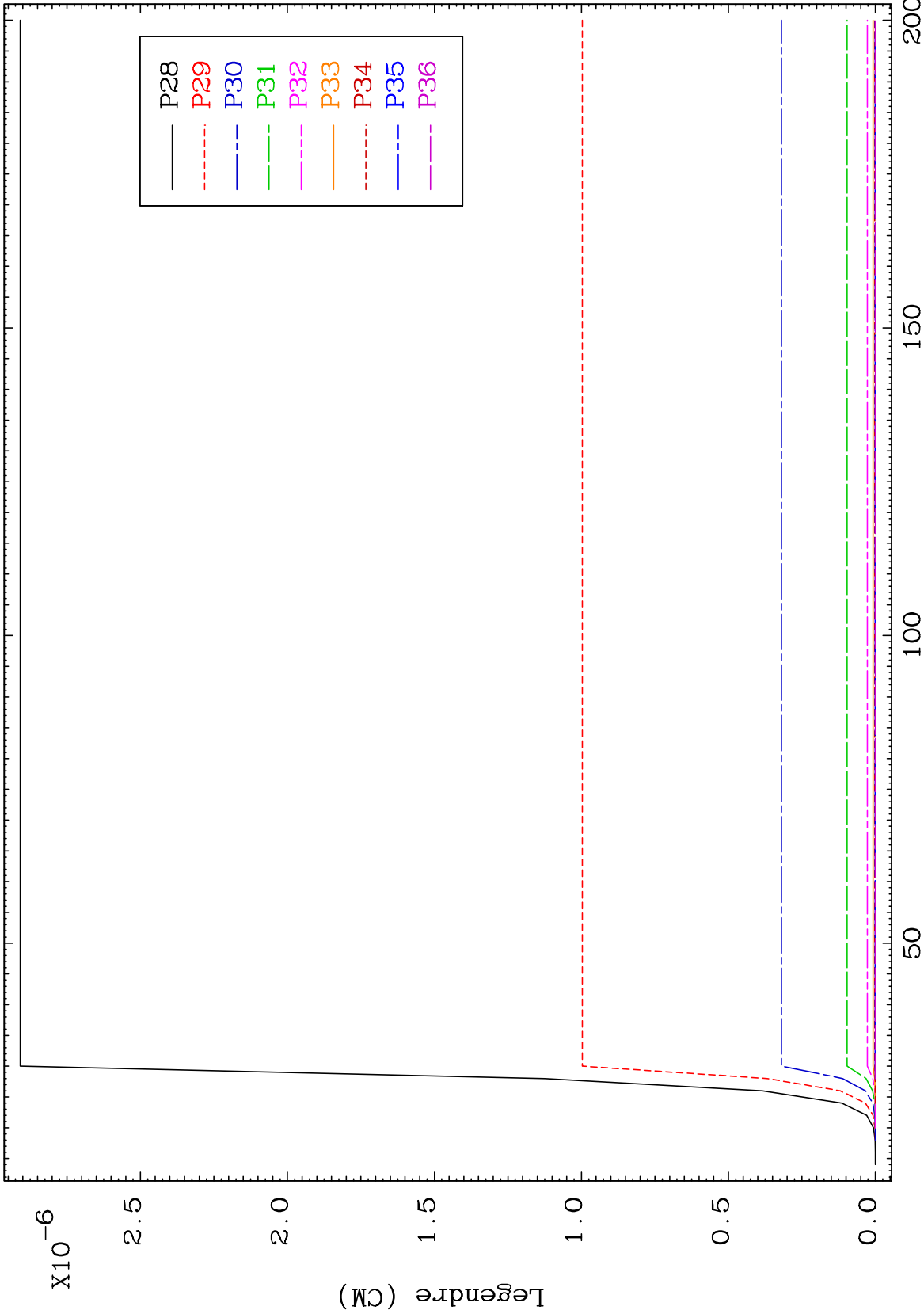


65

Incident Energy (MeV)

53-I -117

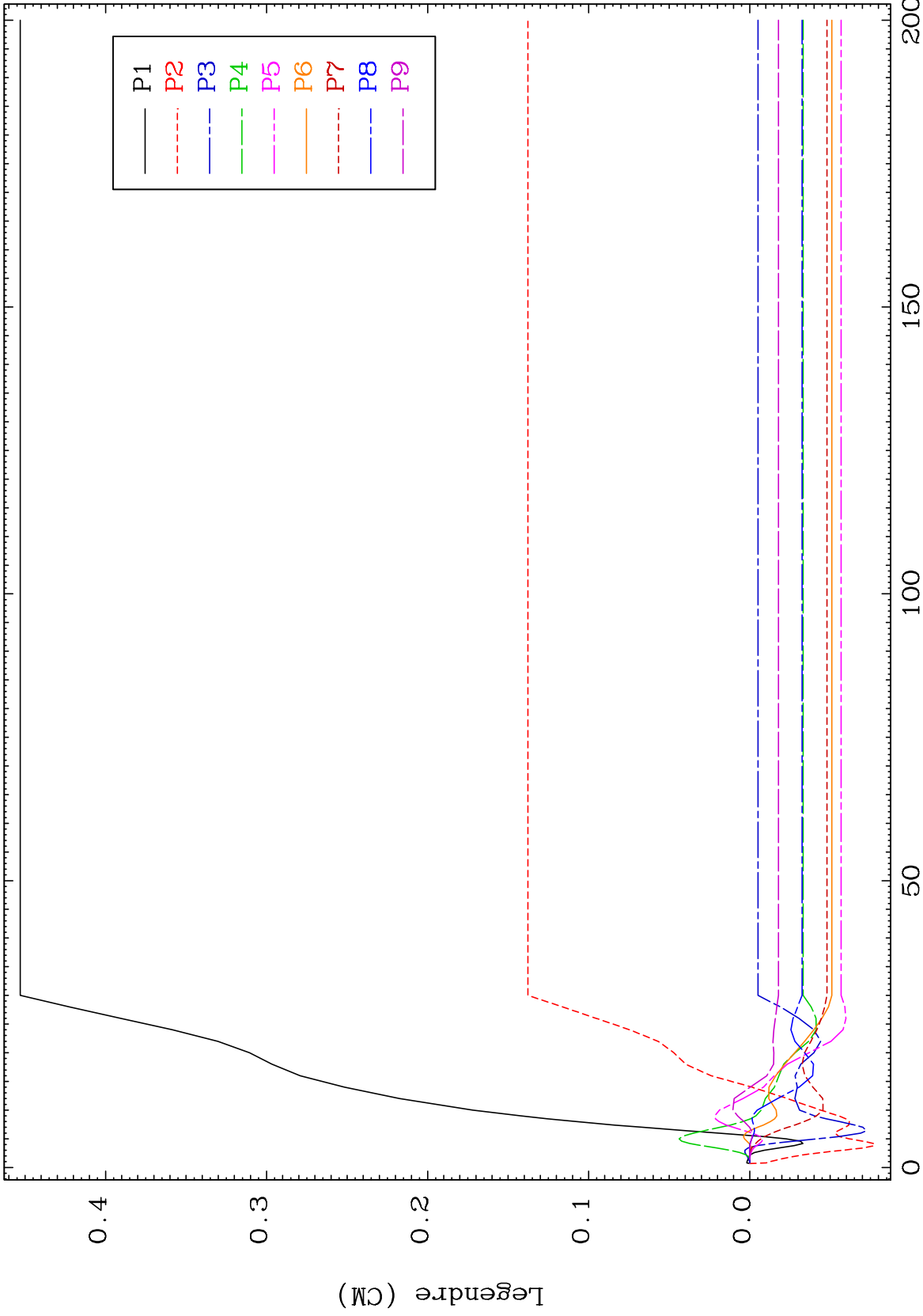




MAT 5295

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

53-I -117



68

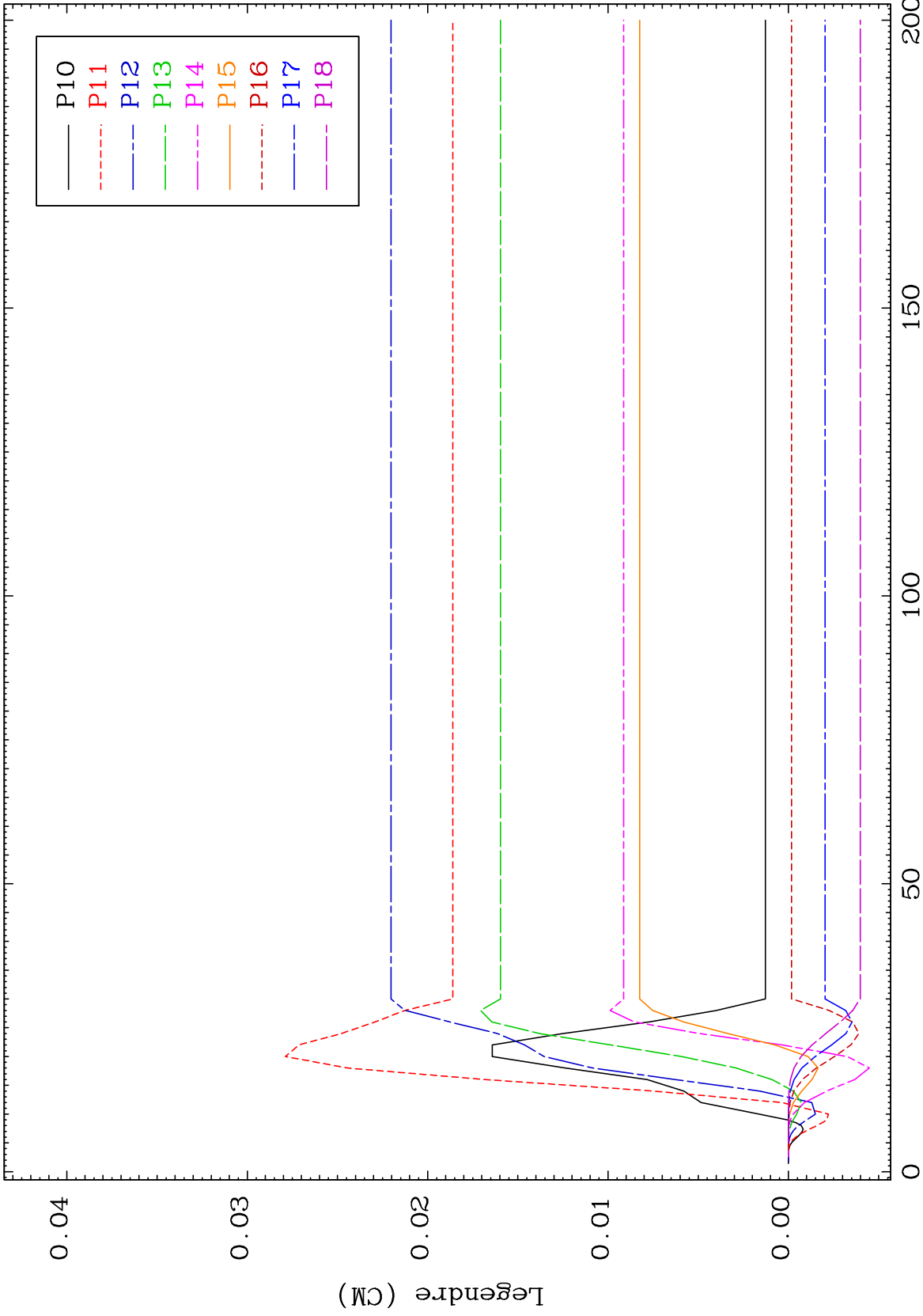
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



69

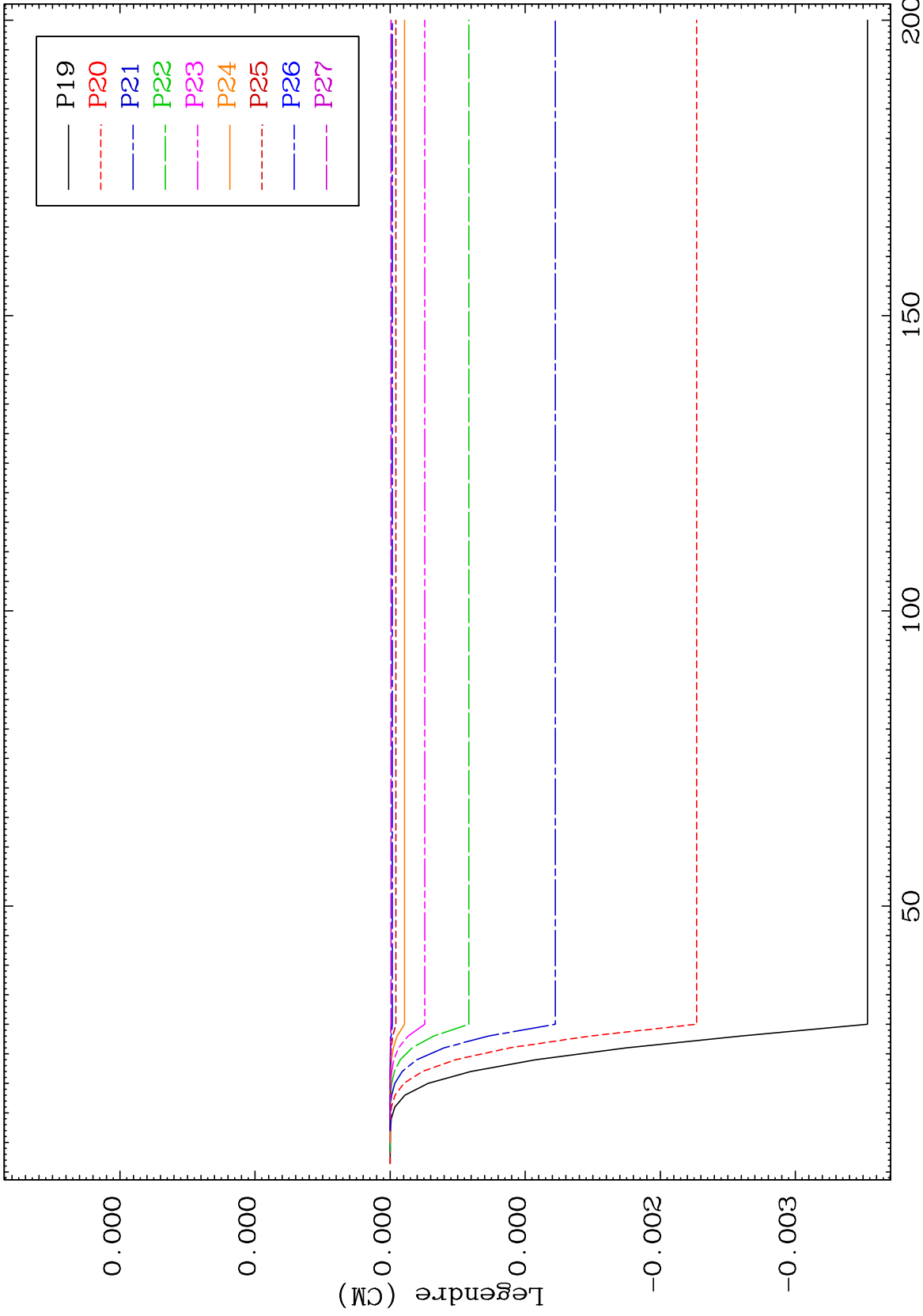
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



70

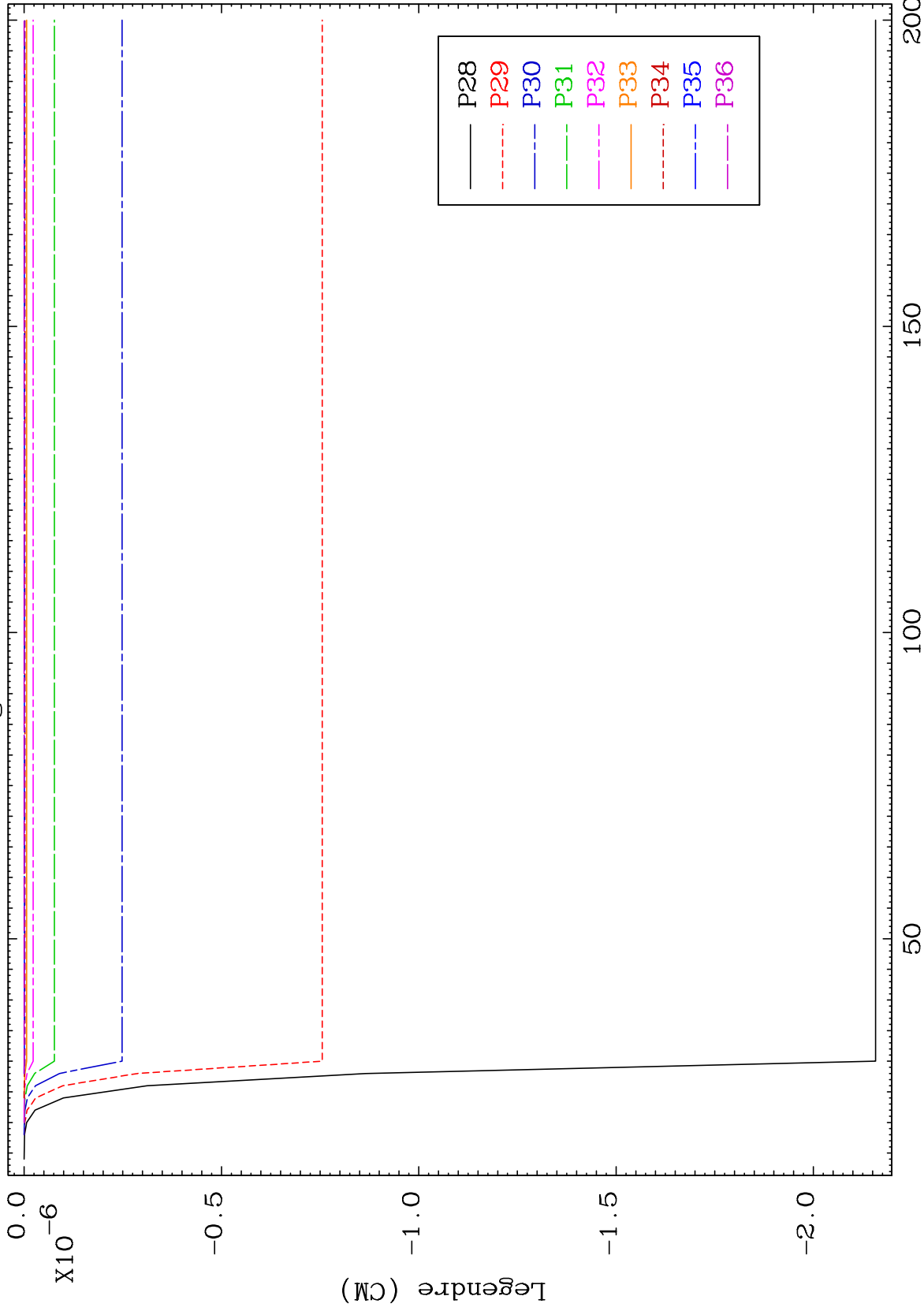
Incident Energy (MeV)

53-I -117

MAT 5295

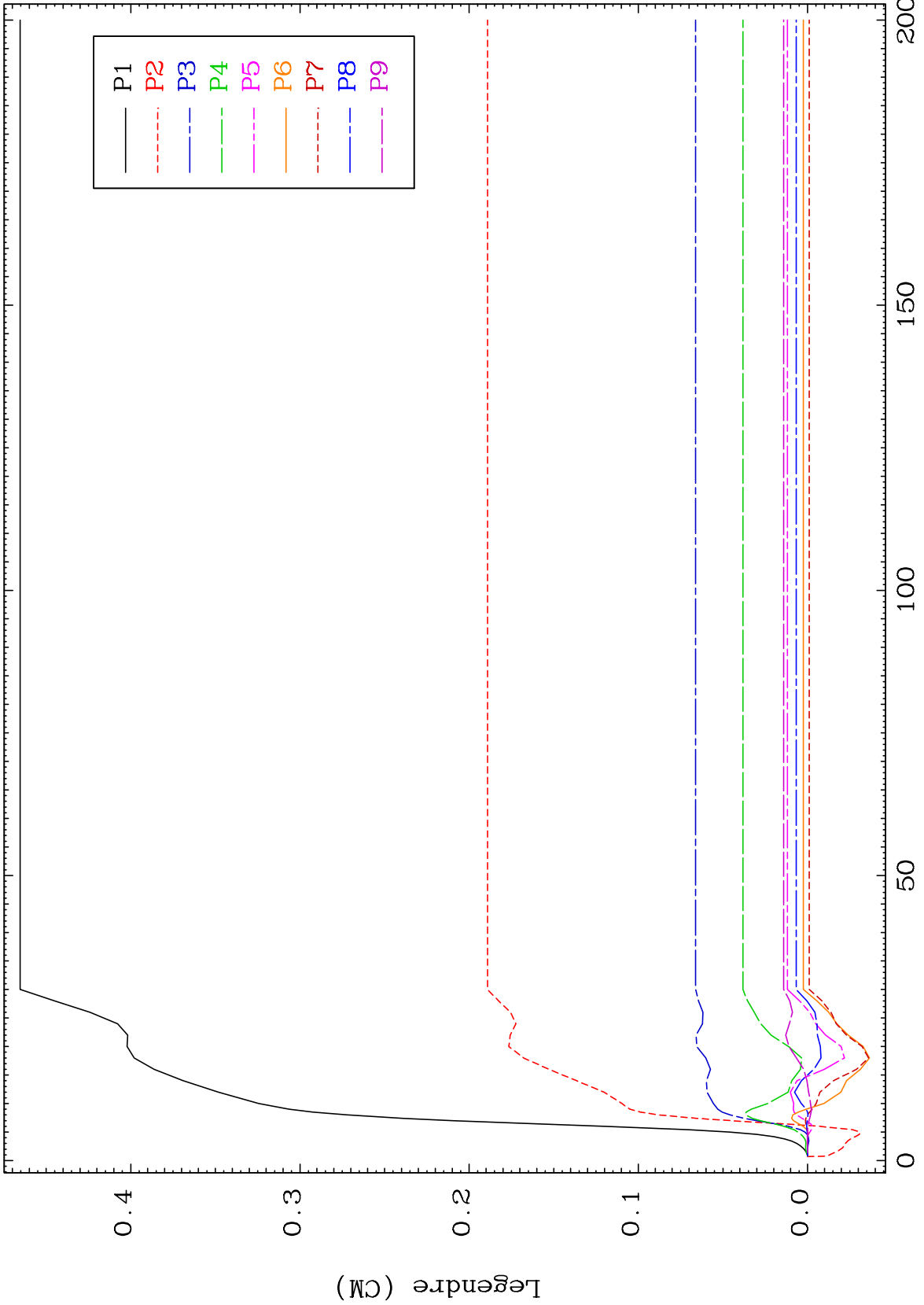
MT= 63 (n,n') Level
Legendre Coefficients

53-I -117



71

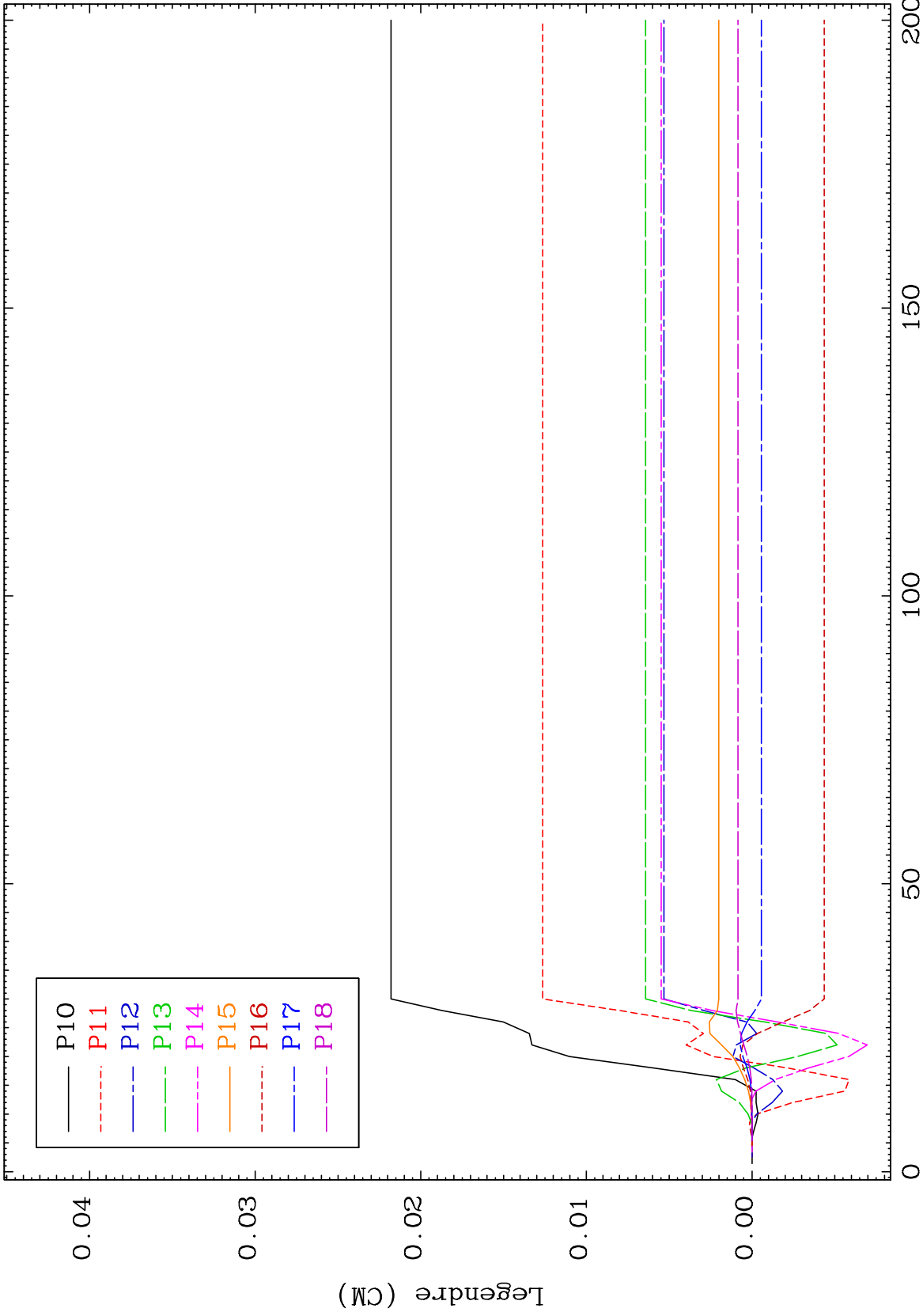
53-I -117



MAT 5295

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

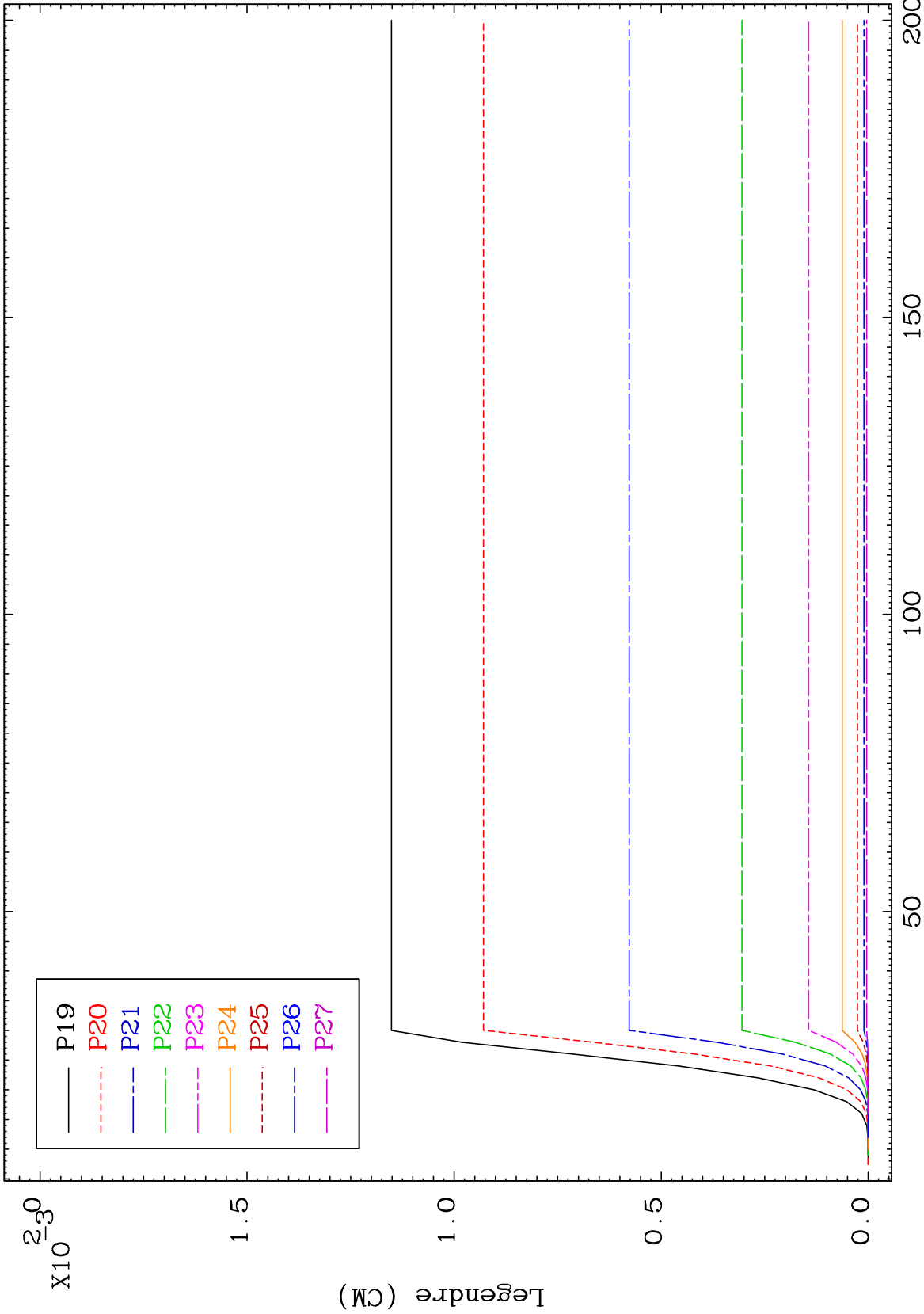
53-I -117



73

Incident Energy (MeV)

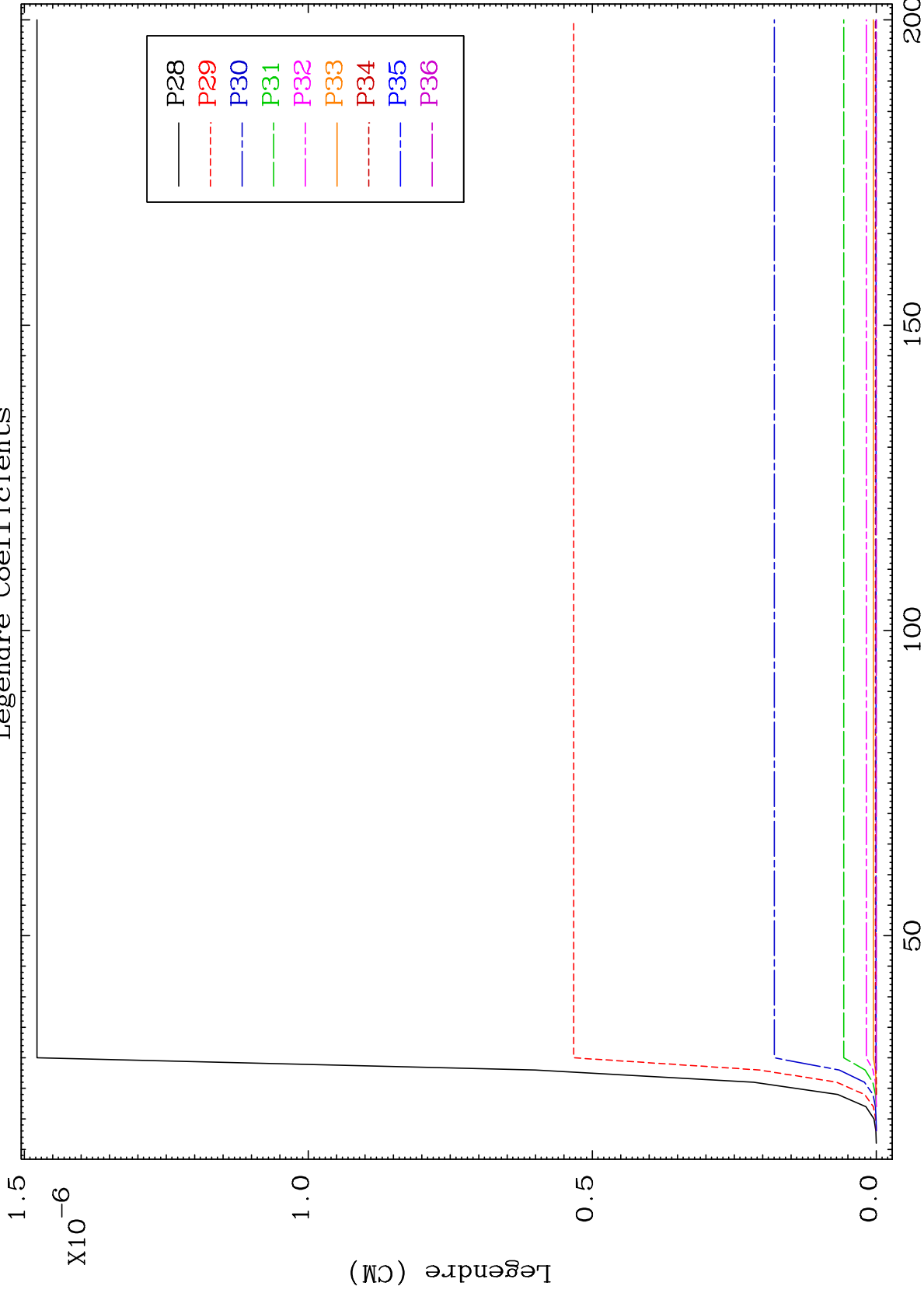
53-I -117



MAT 5295

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

53-I -117



75

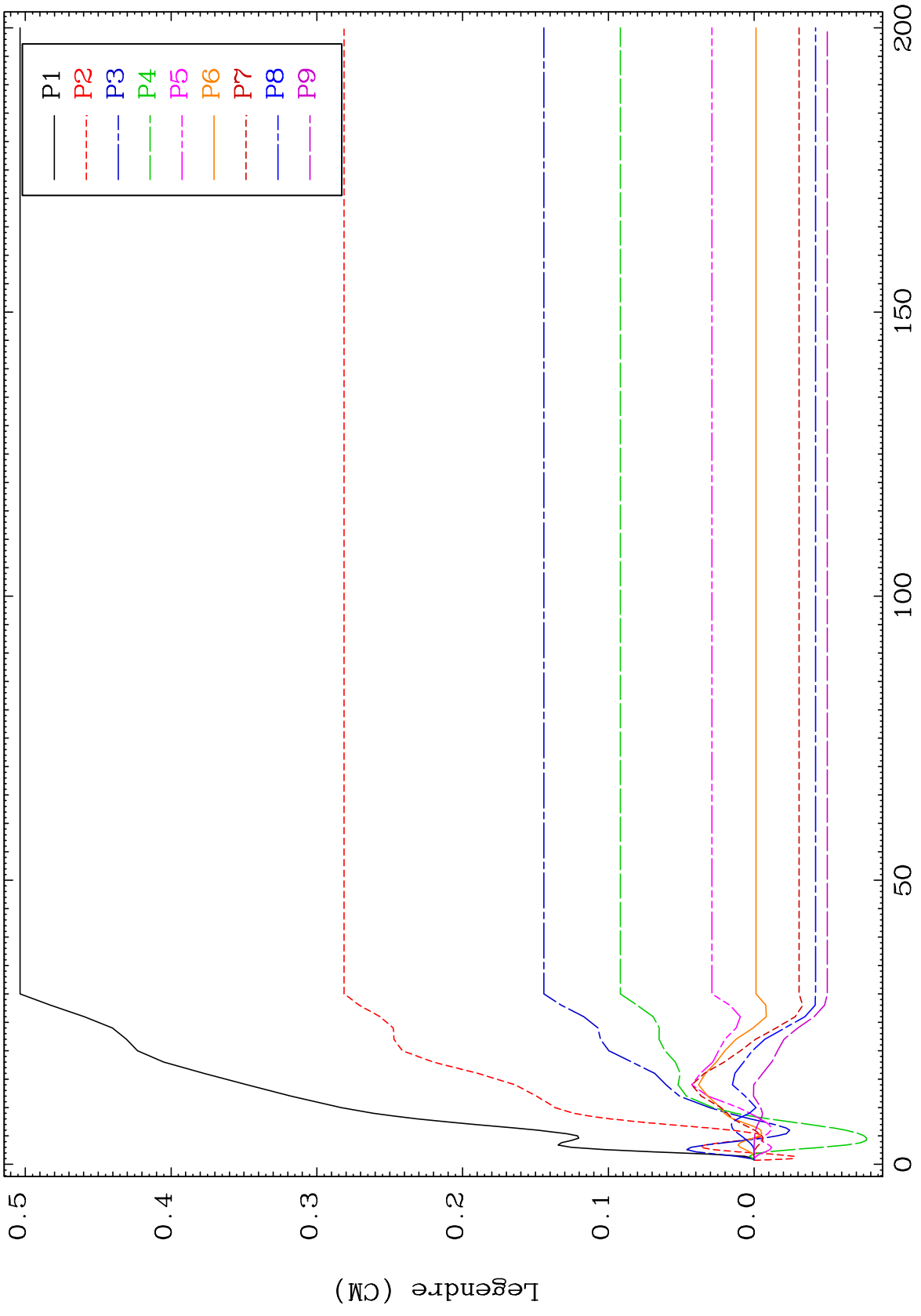
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



76

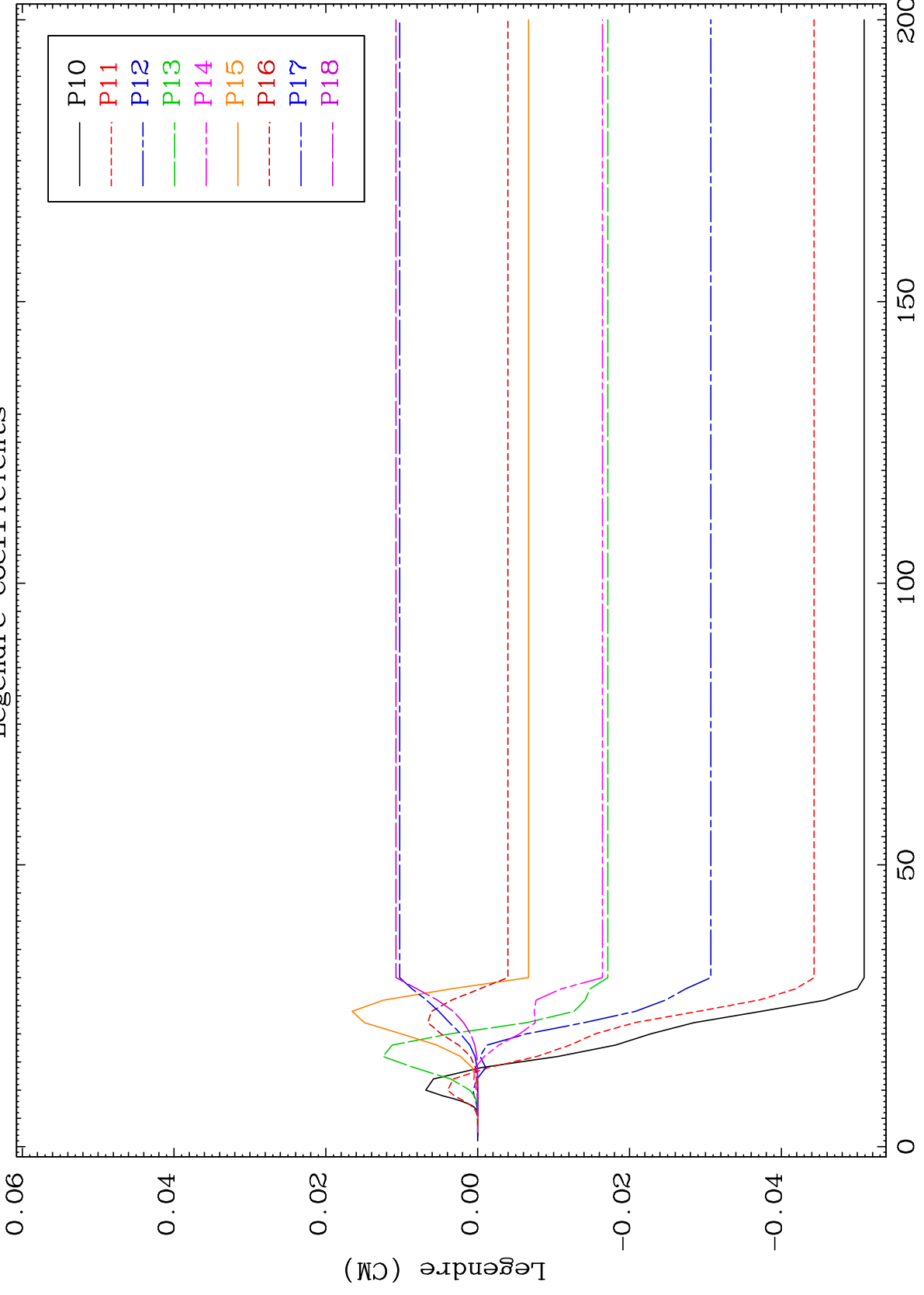
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



77

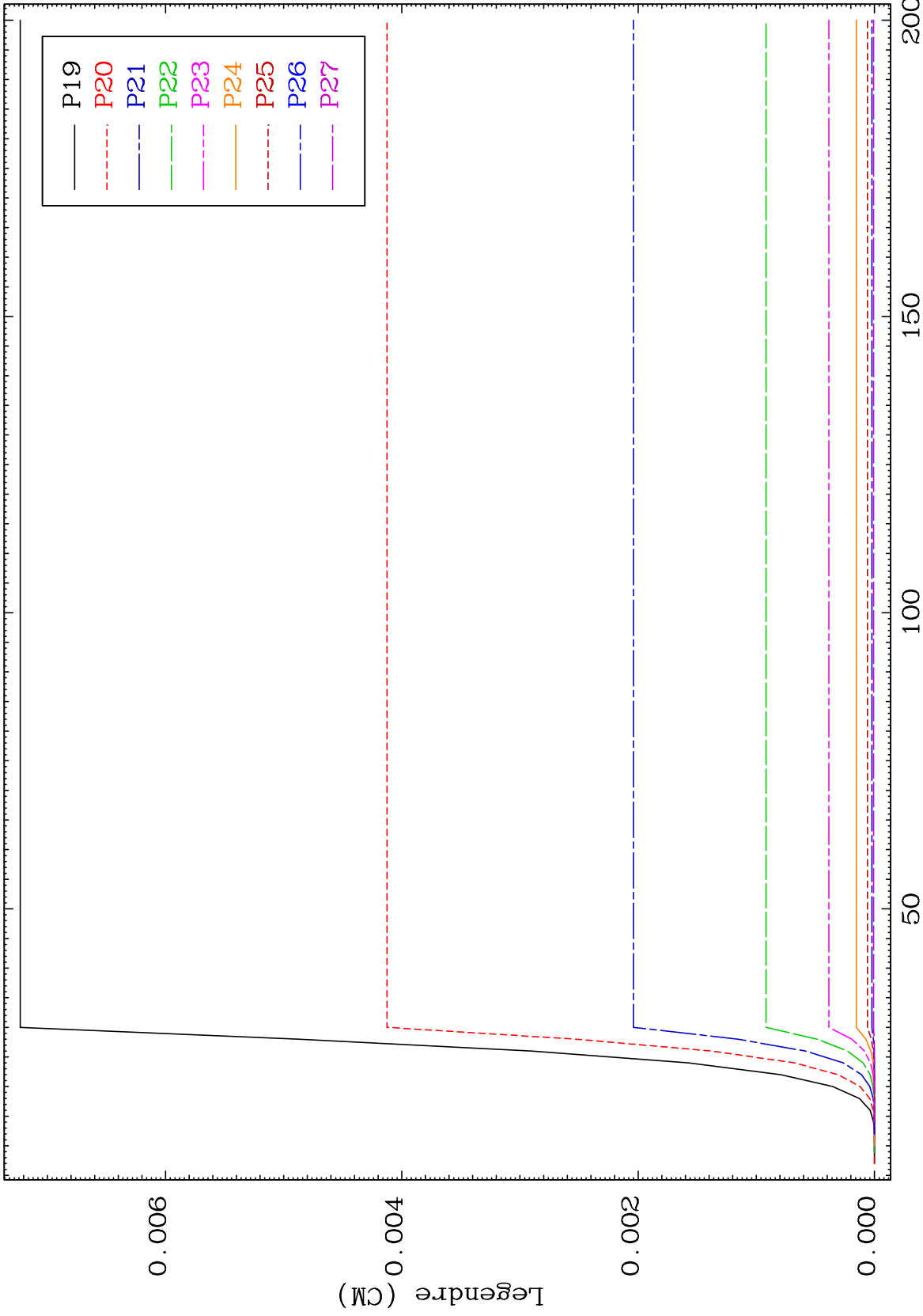
Incident Energy (MeV)

53-I -117

MAT 5295

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

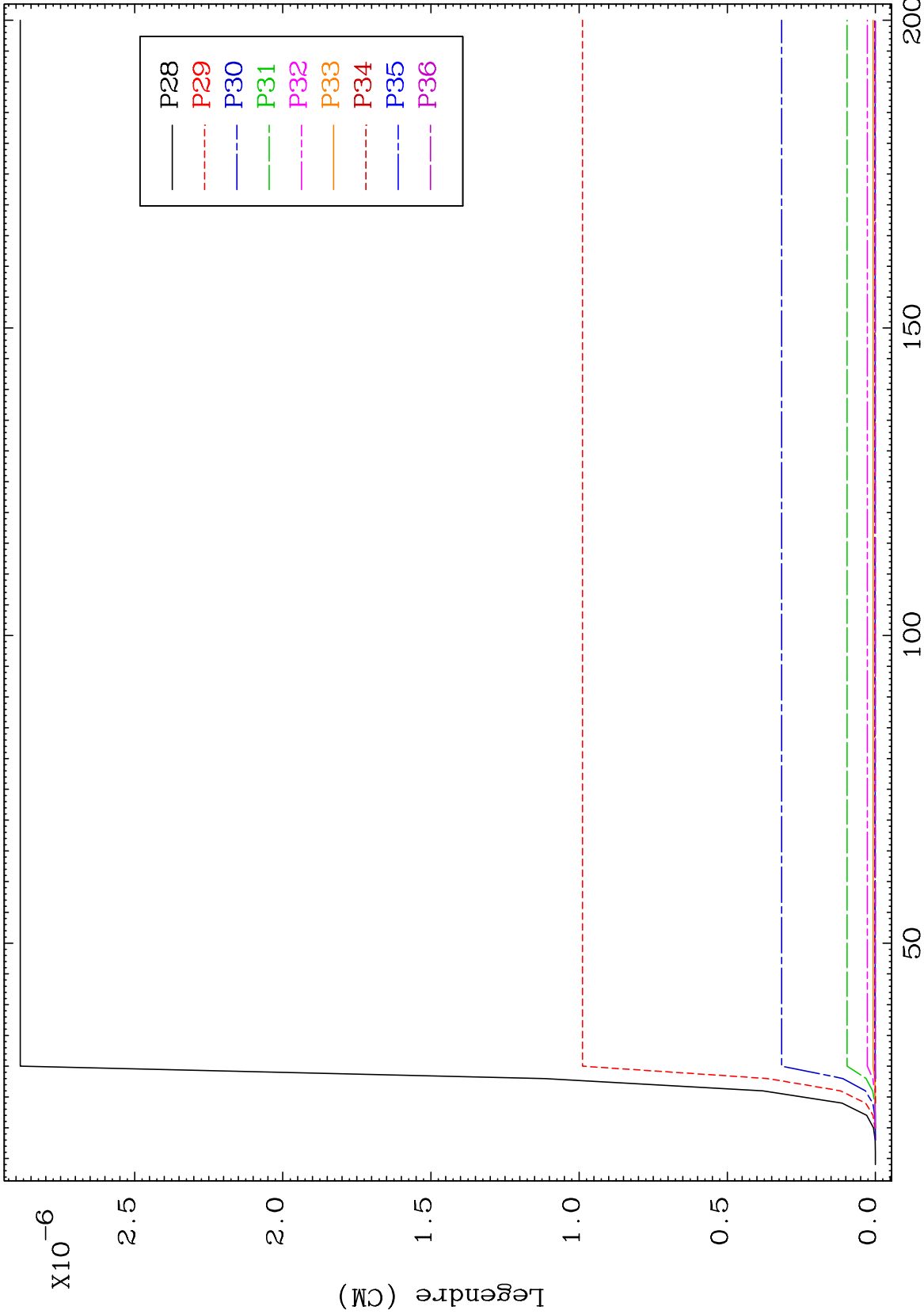
53-I -117



78

Incident Energy (MeV)

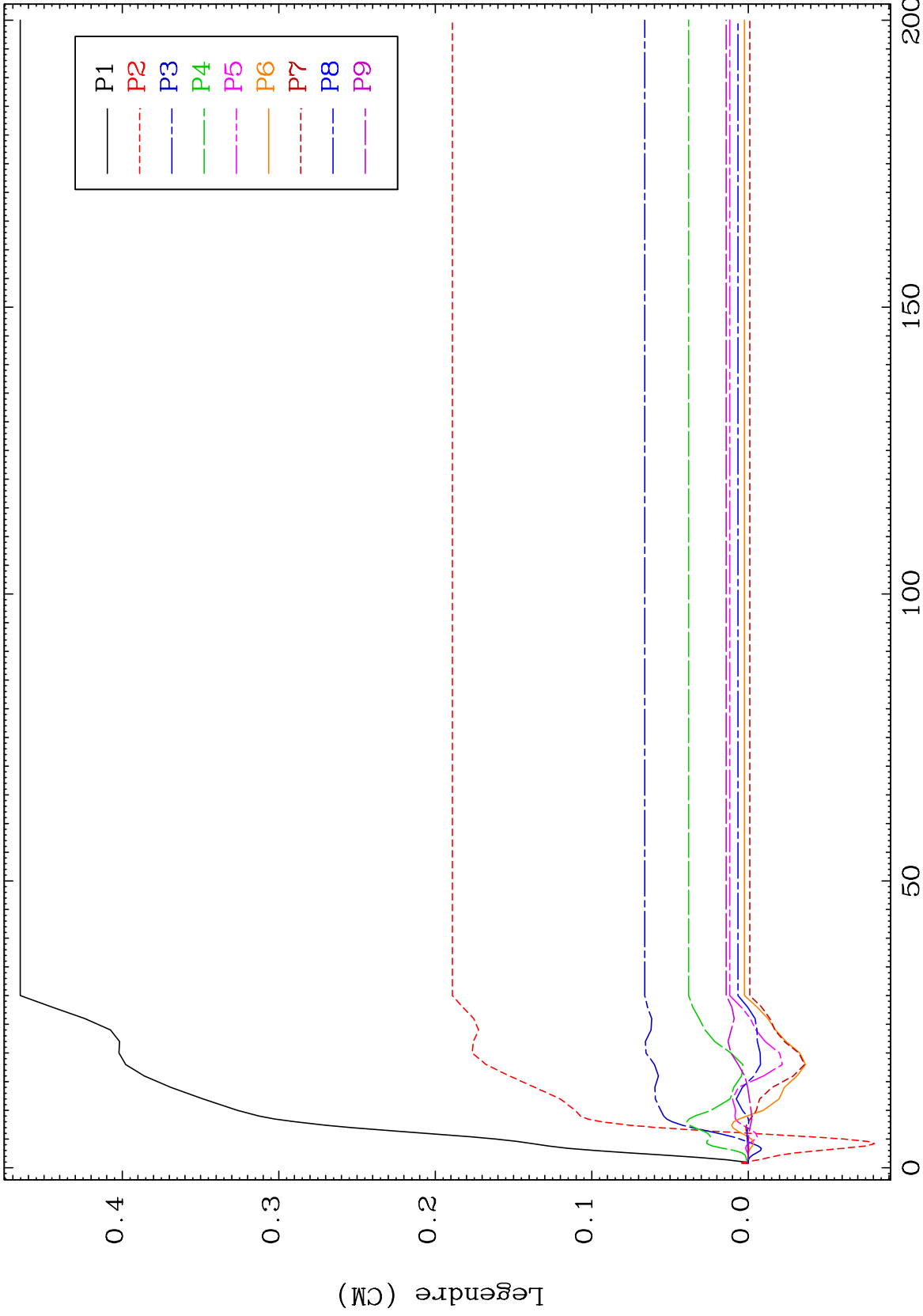
53-I -117



MAT 5295

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

53-I -117



80

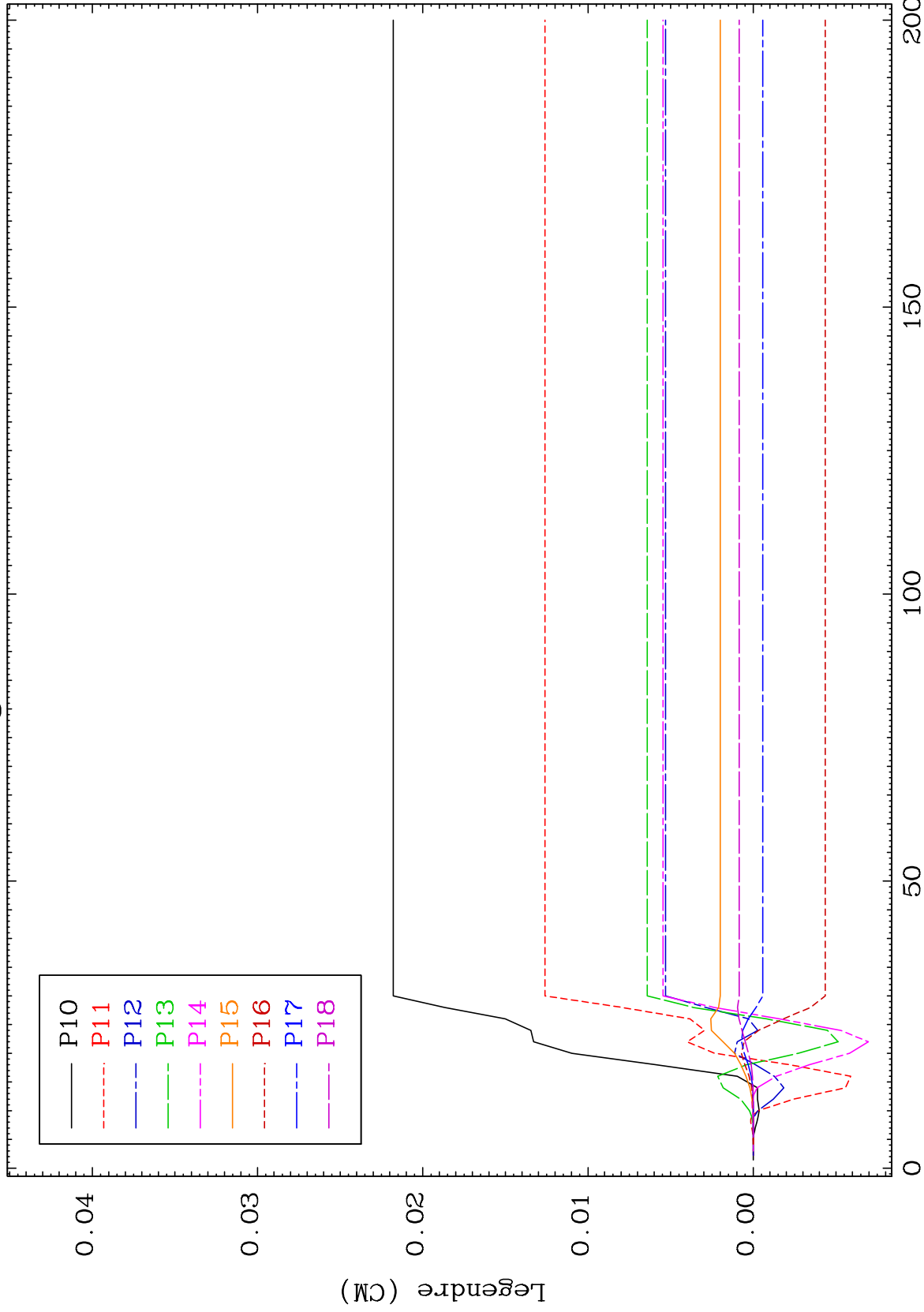
Incident Energy (MeV)

53-I -117

MAT 5295

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

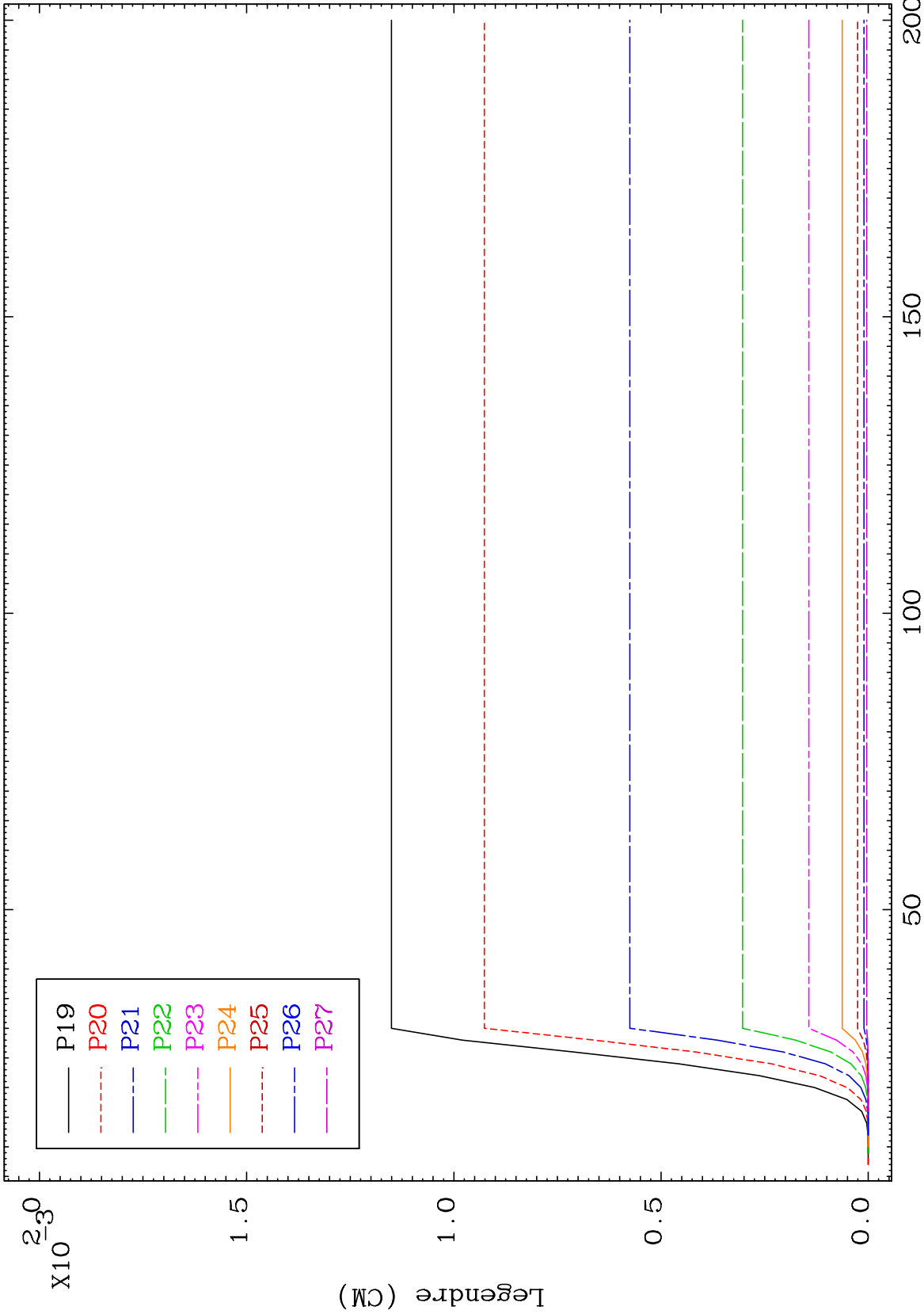
53-I -117

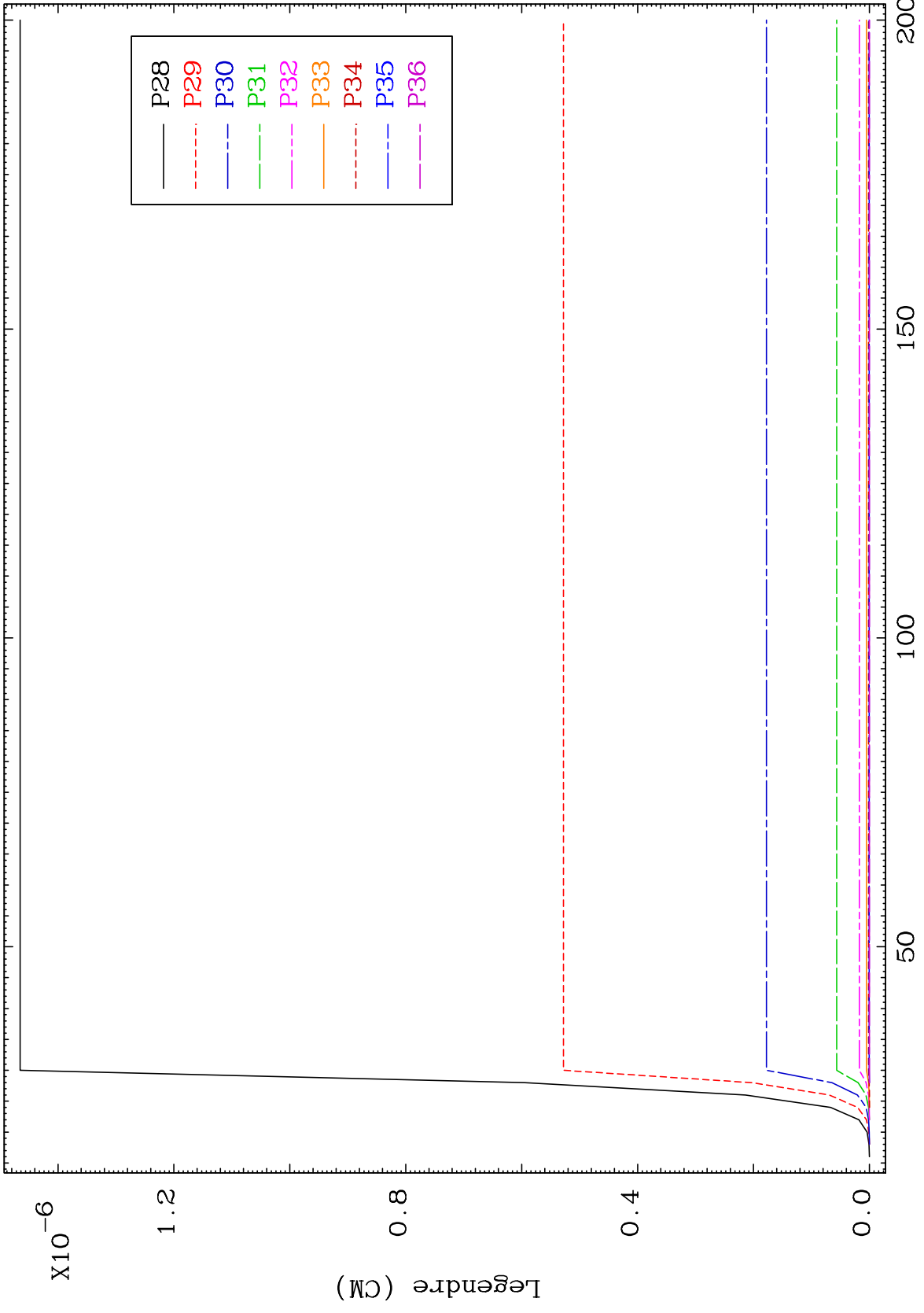


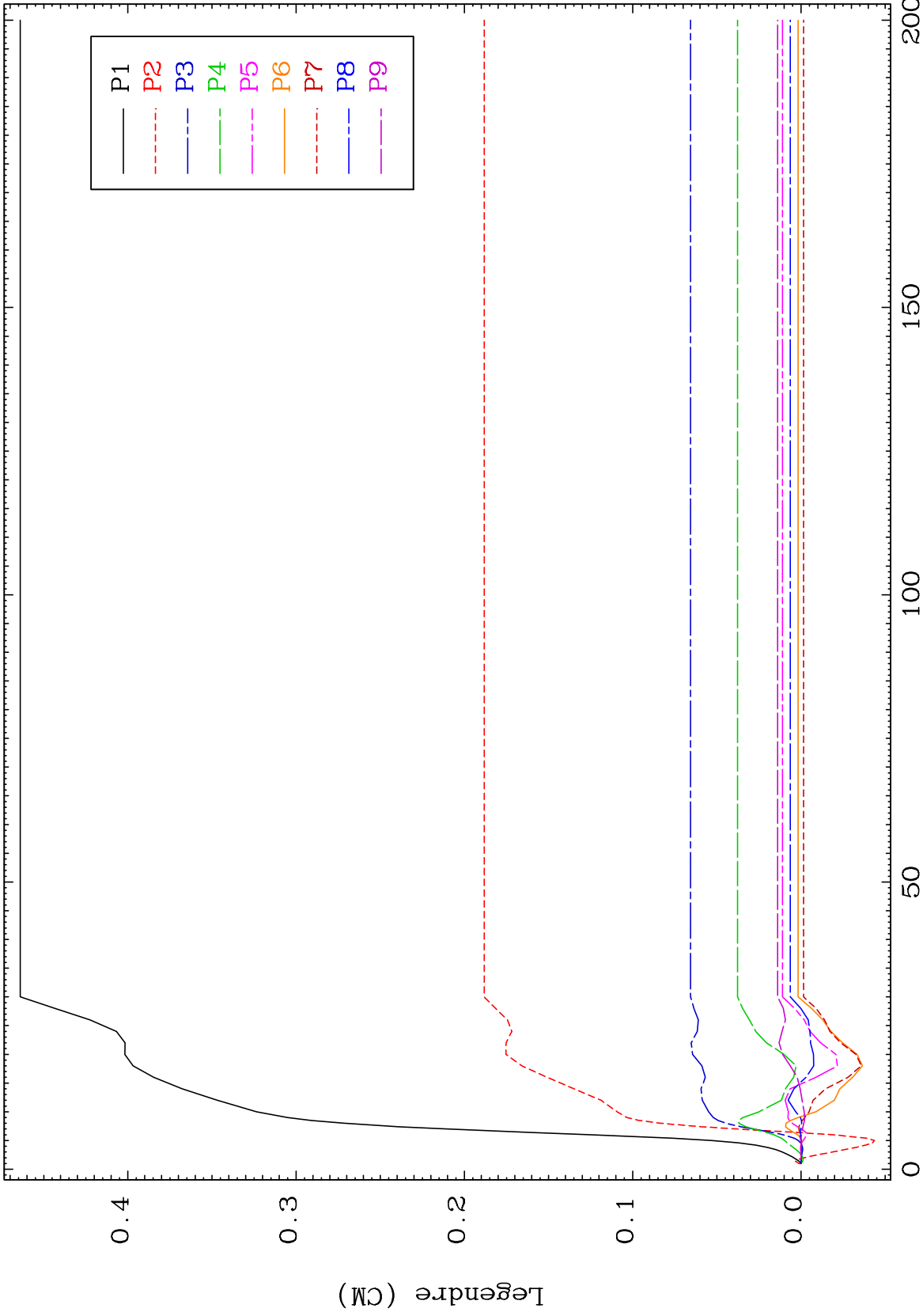
81

Incident Energy (MeV)

53-I -117



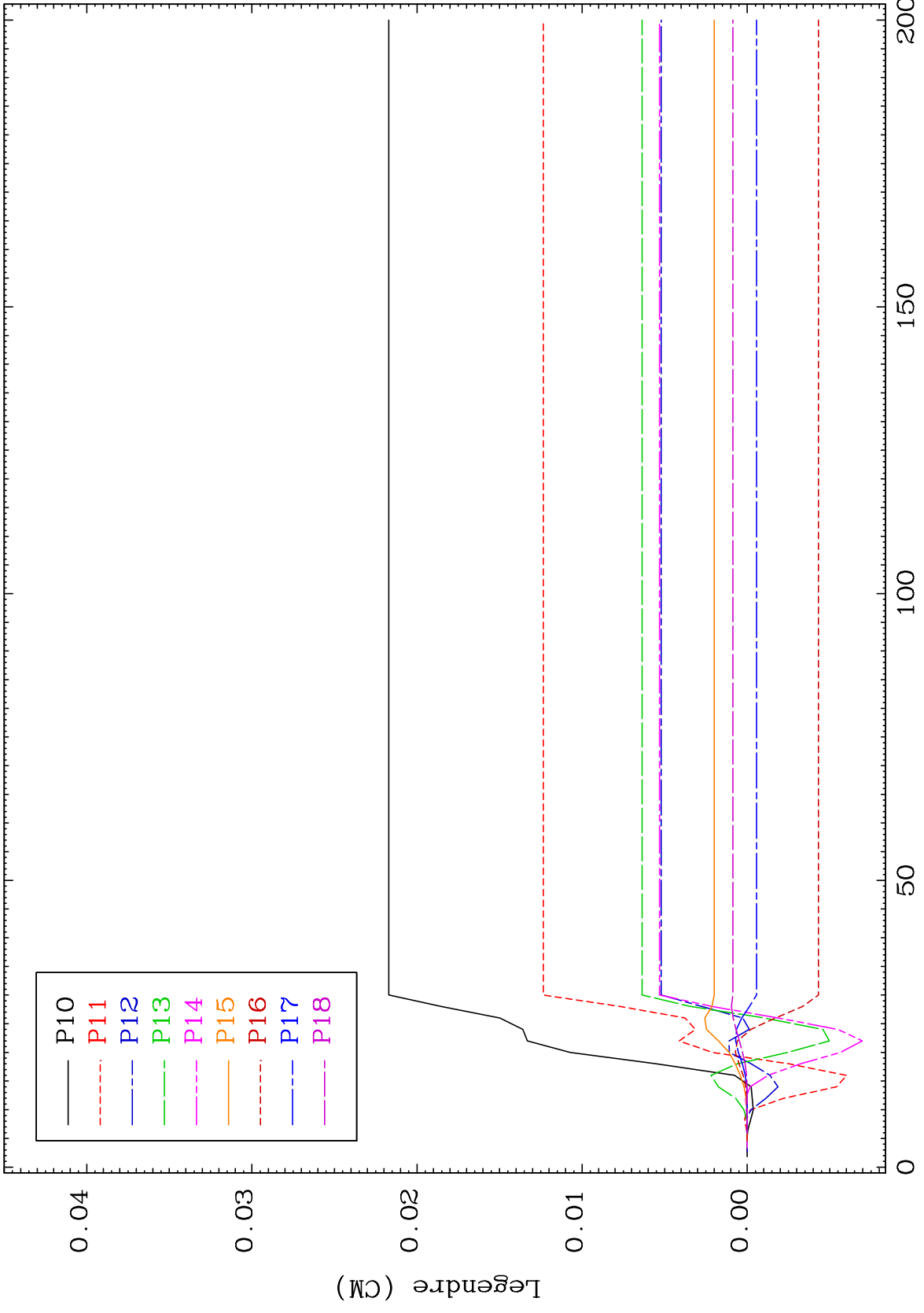




MAT 5295

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

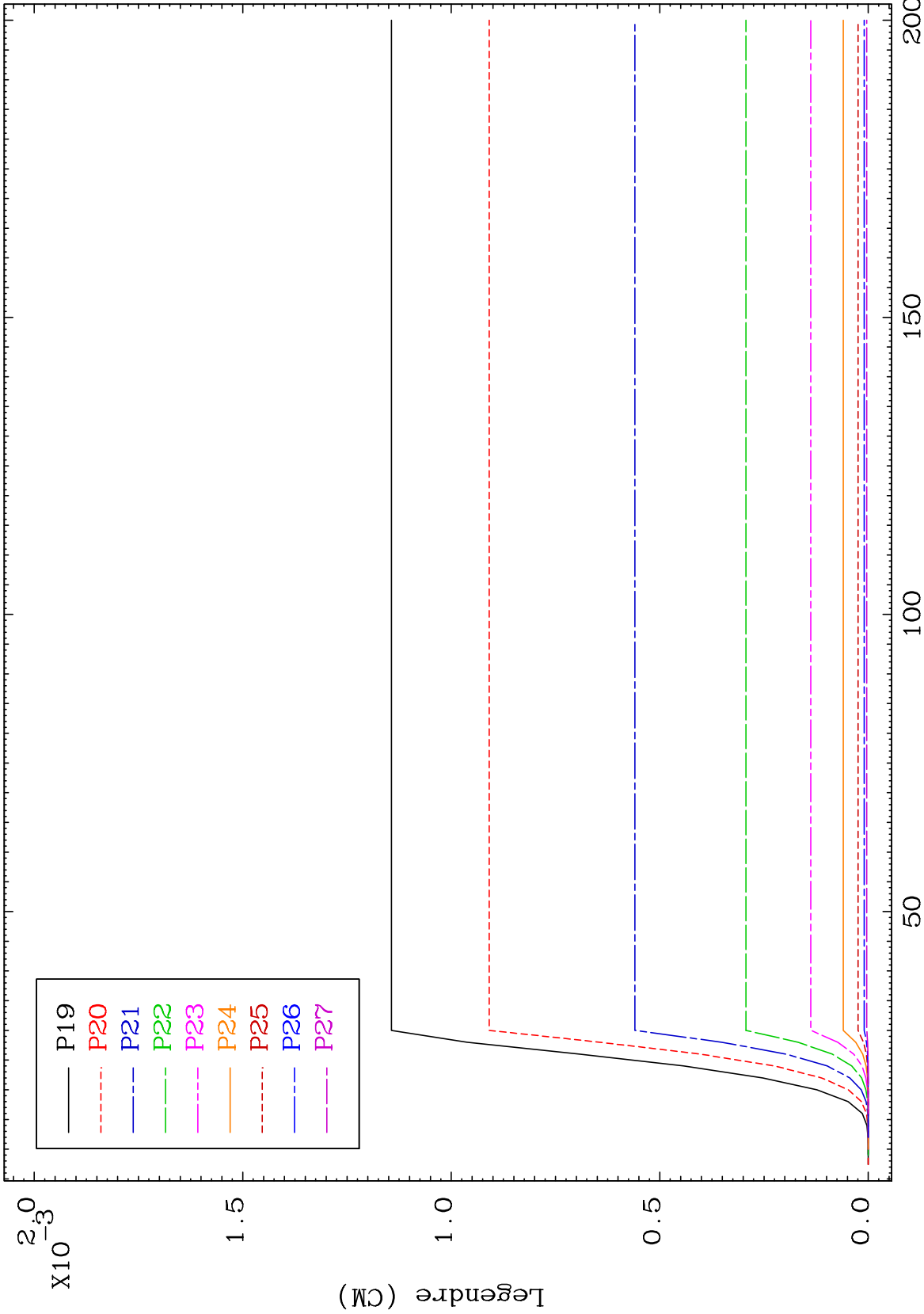
53-I -117

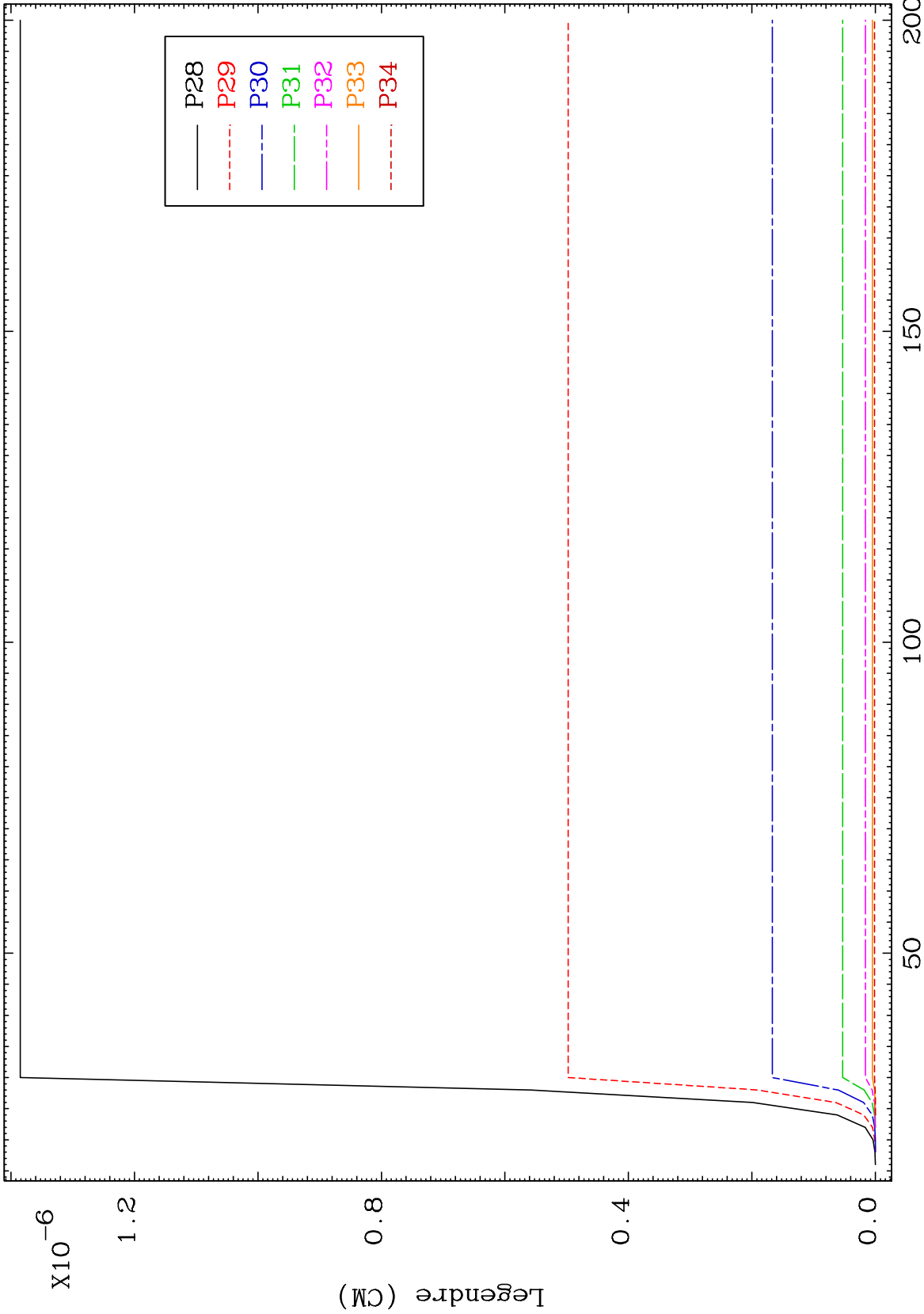


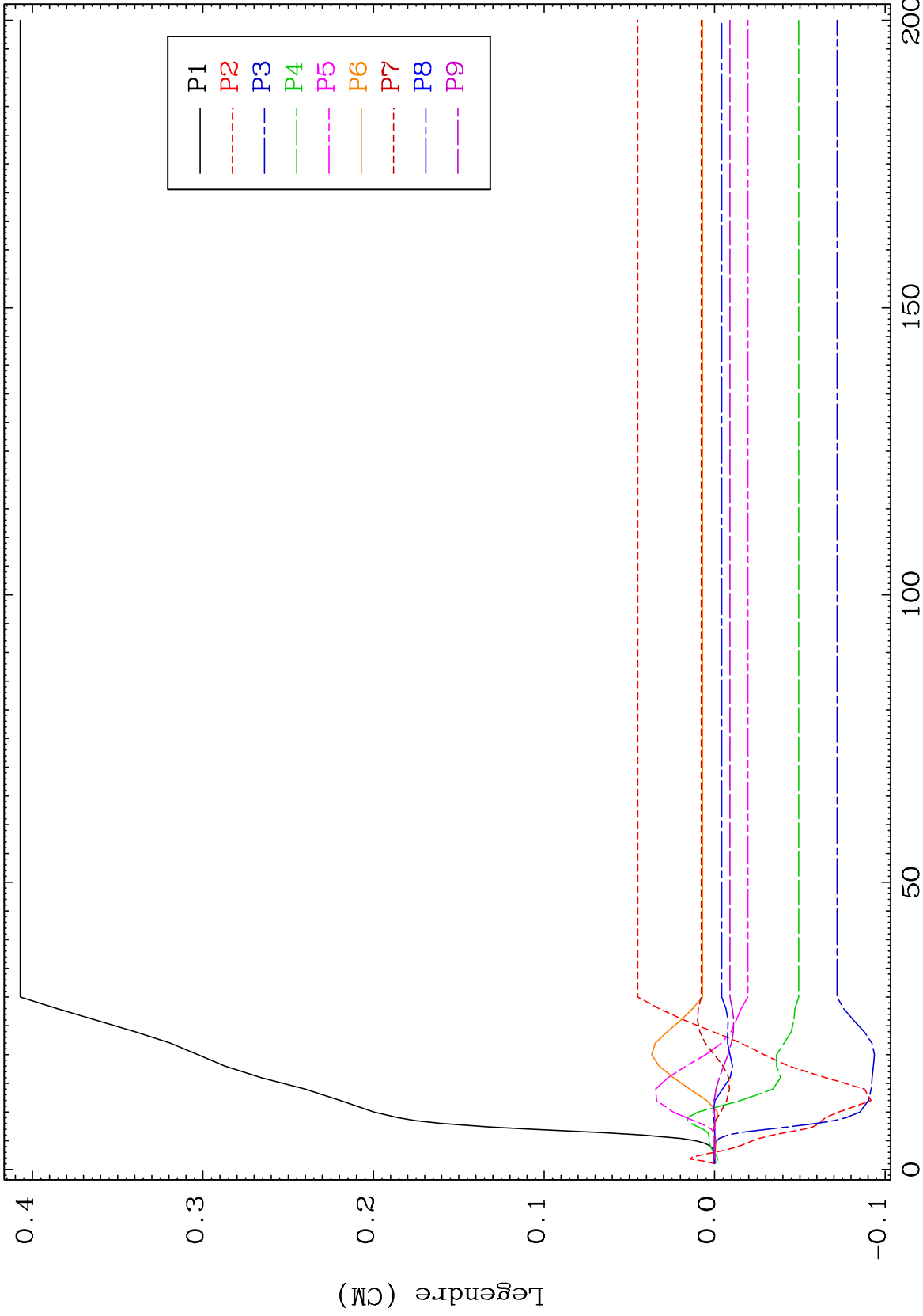
85

Incident Energy (MeV)

53-I -117



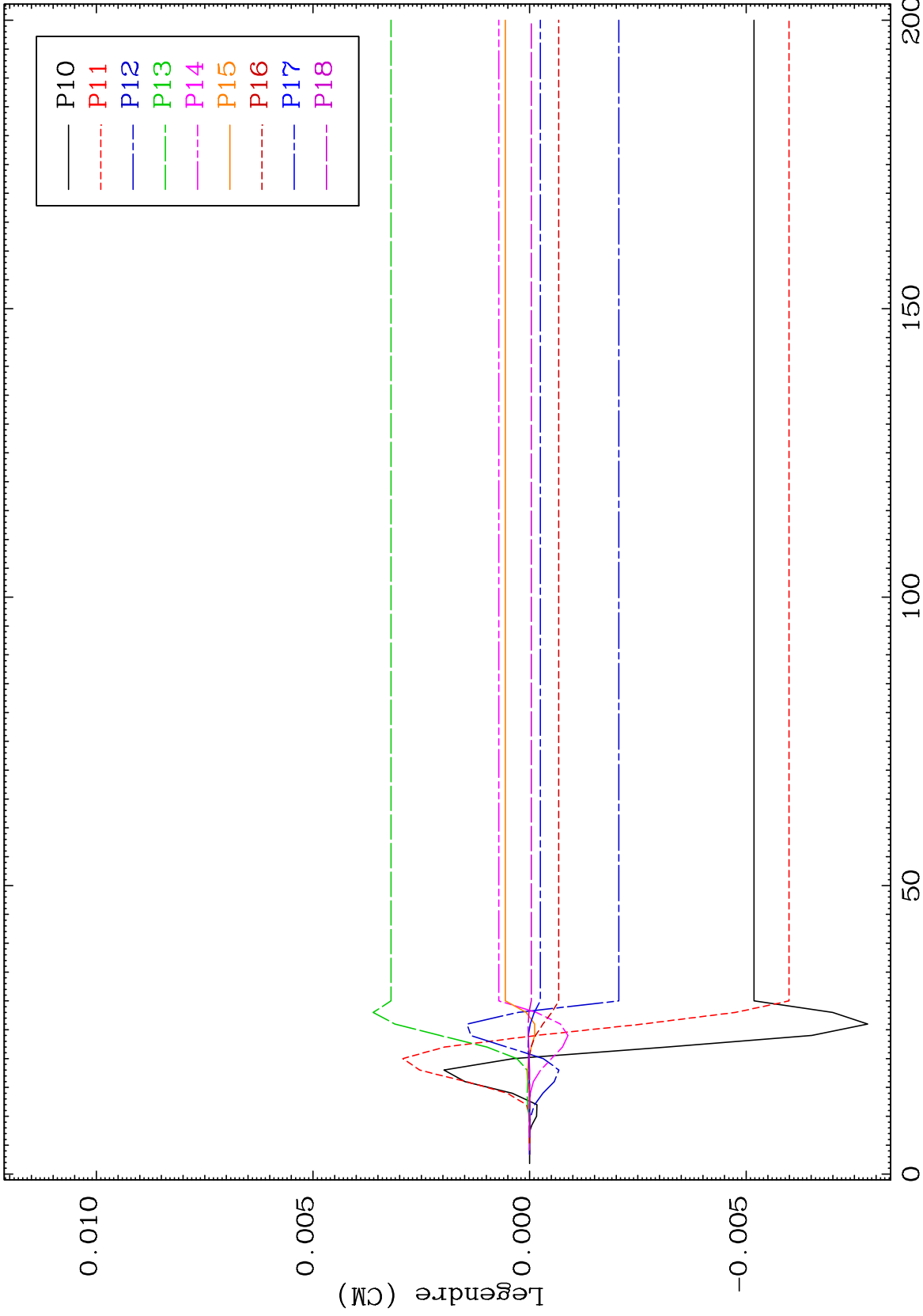




MAT 5295

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

53-I -117



89

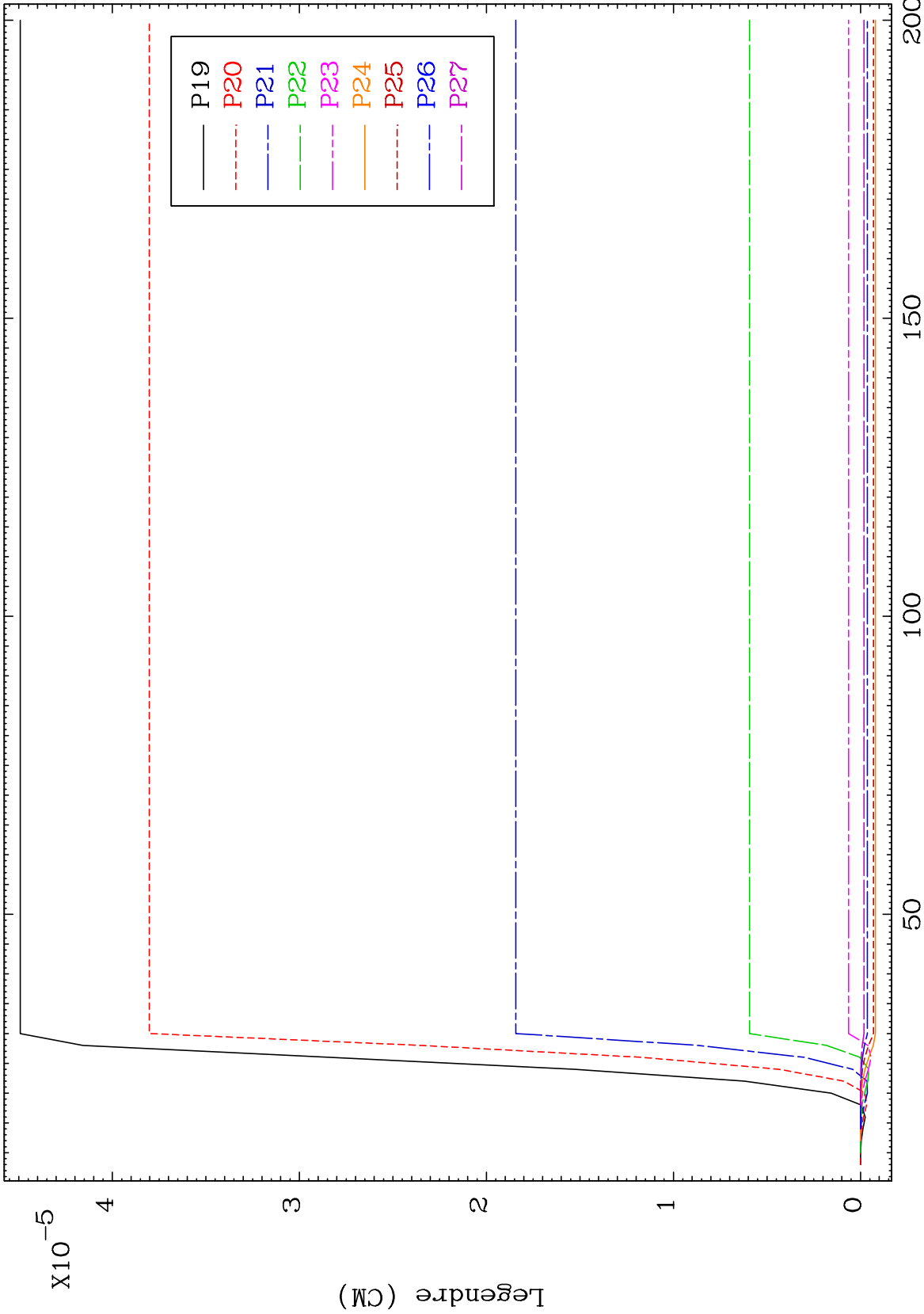
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



90

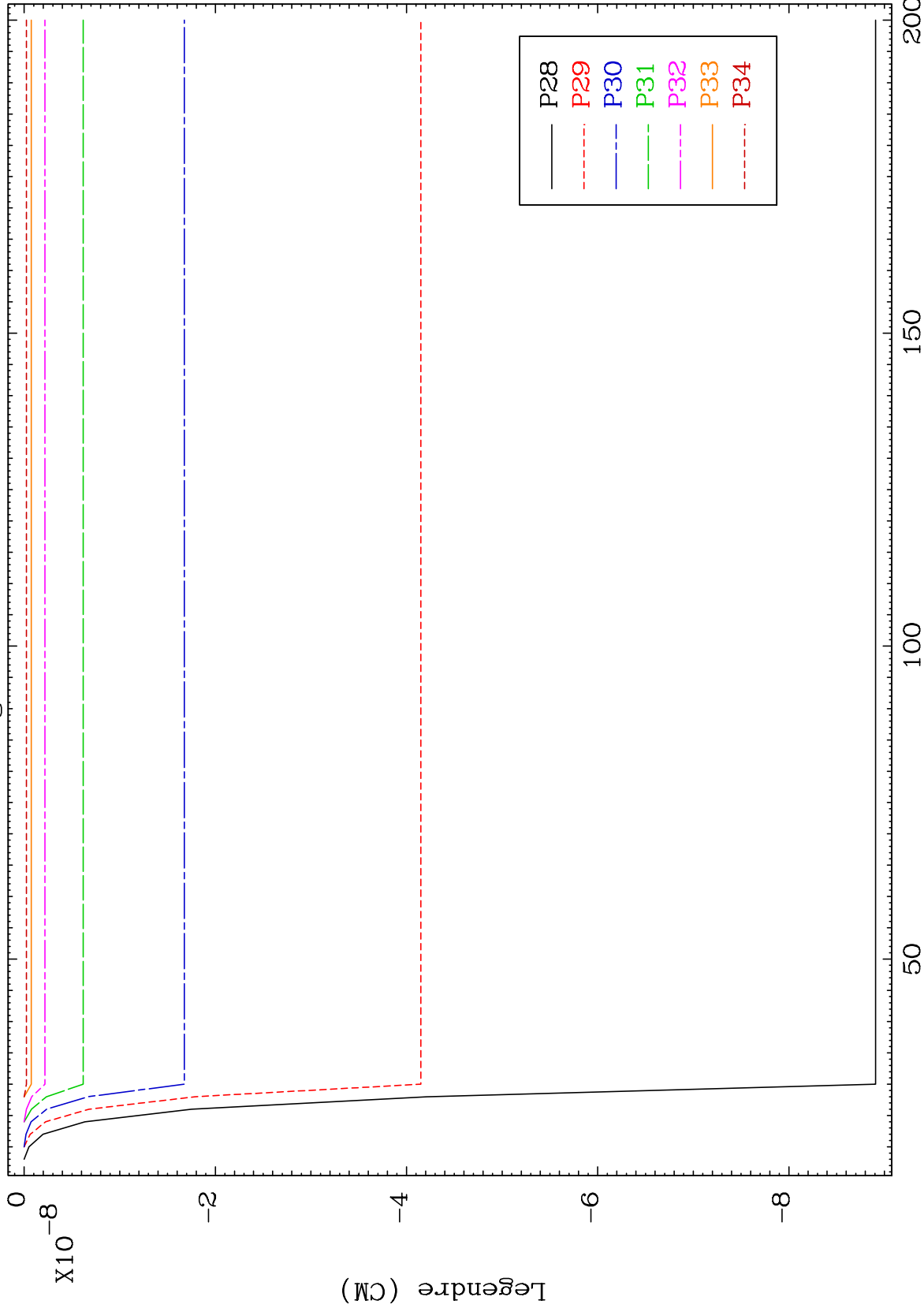
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



91

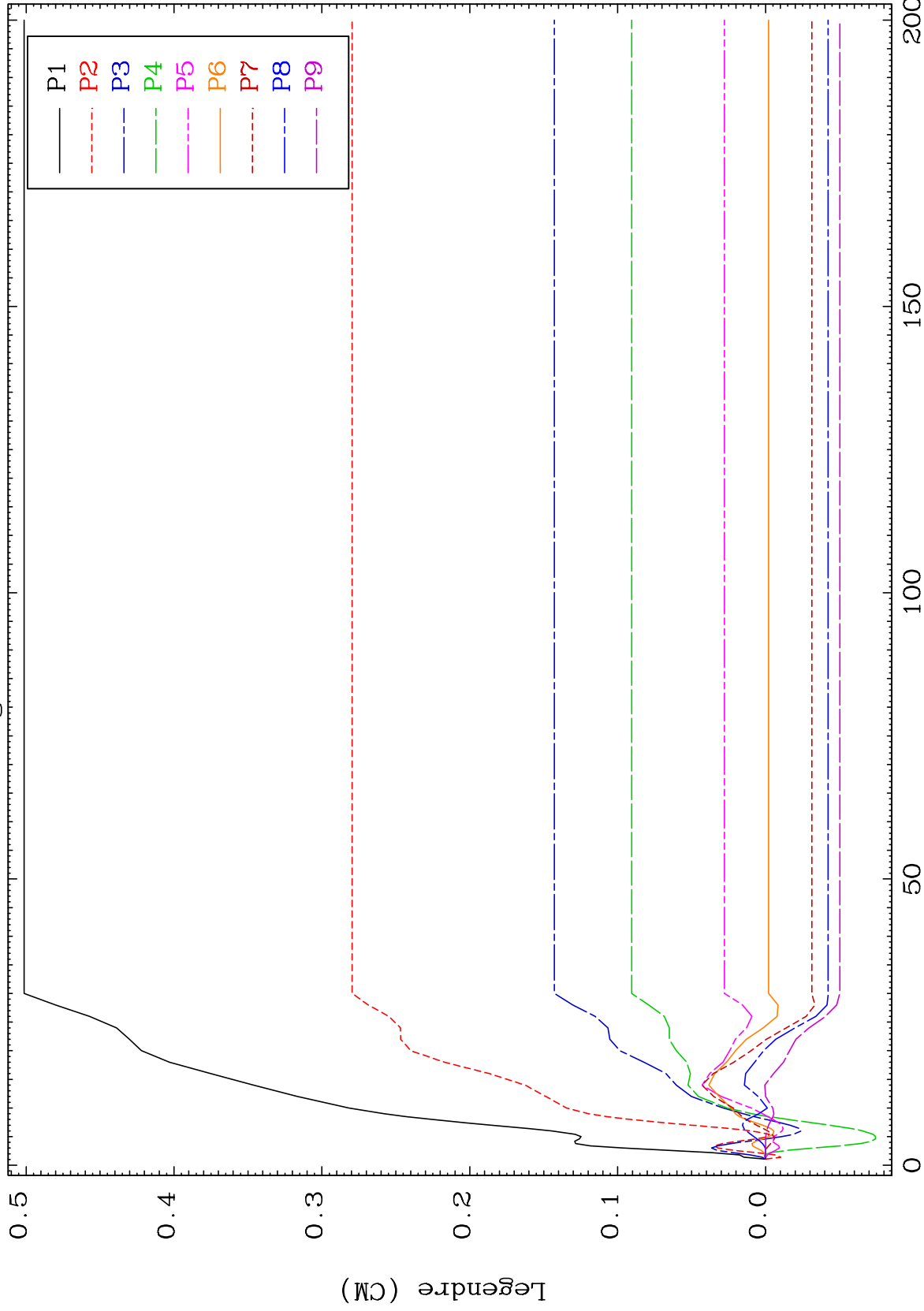
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



92

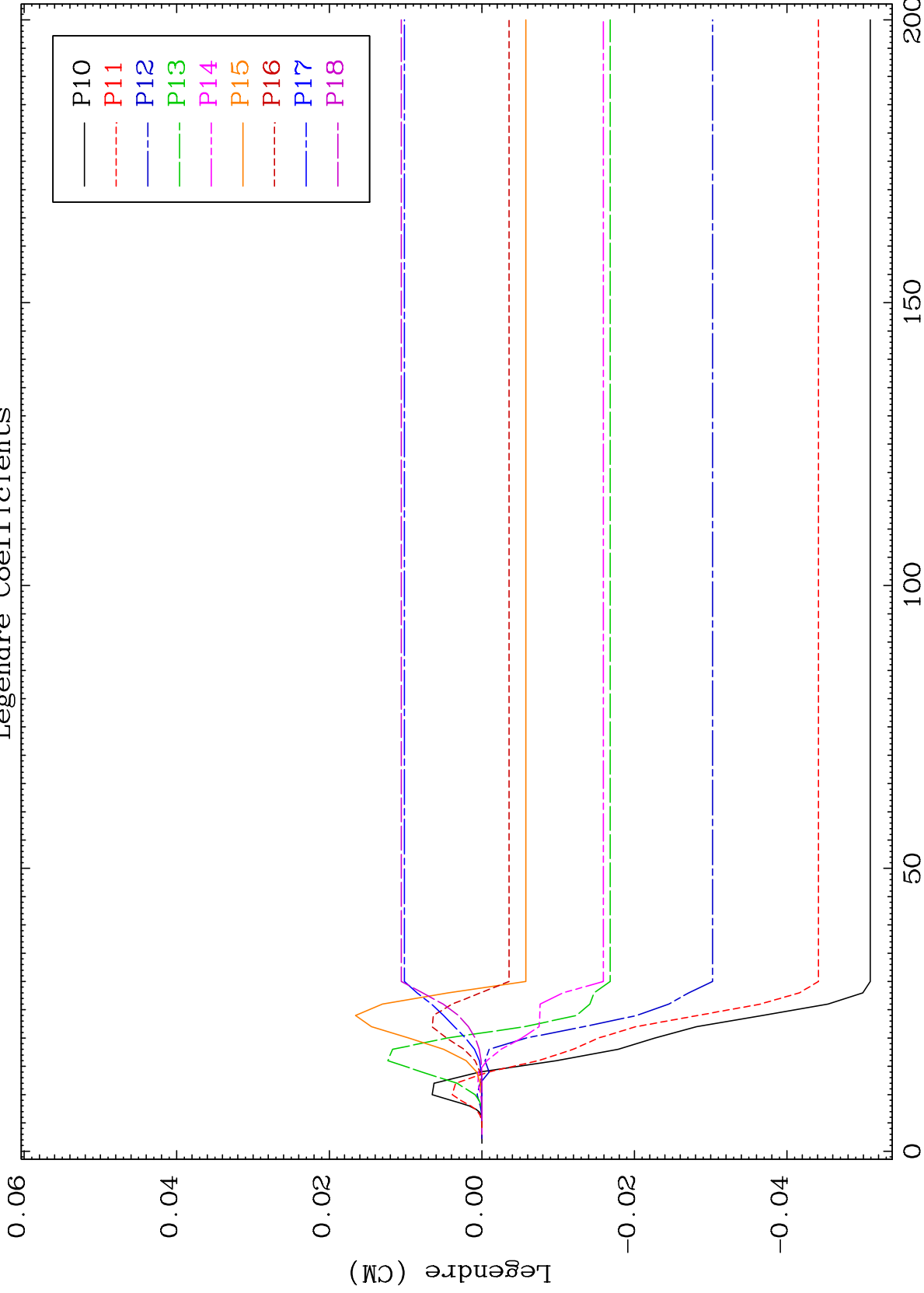
Incident Energy (MeV)

53-I -117

MAT 5295

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

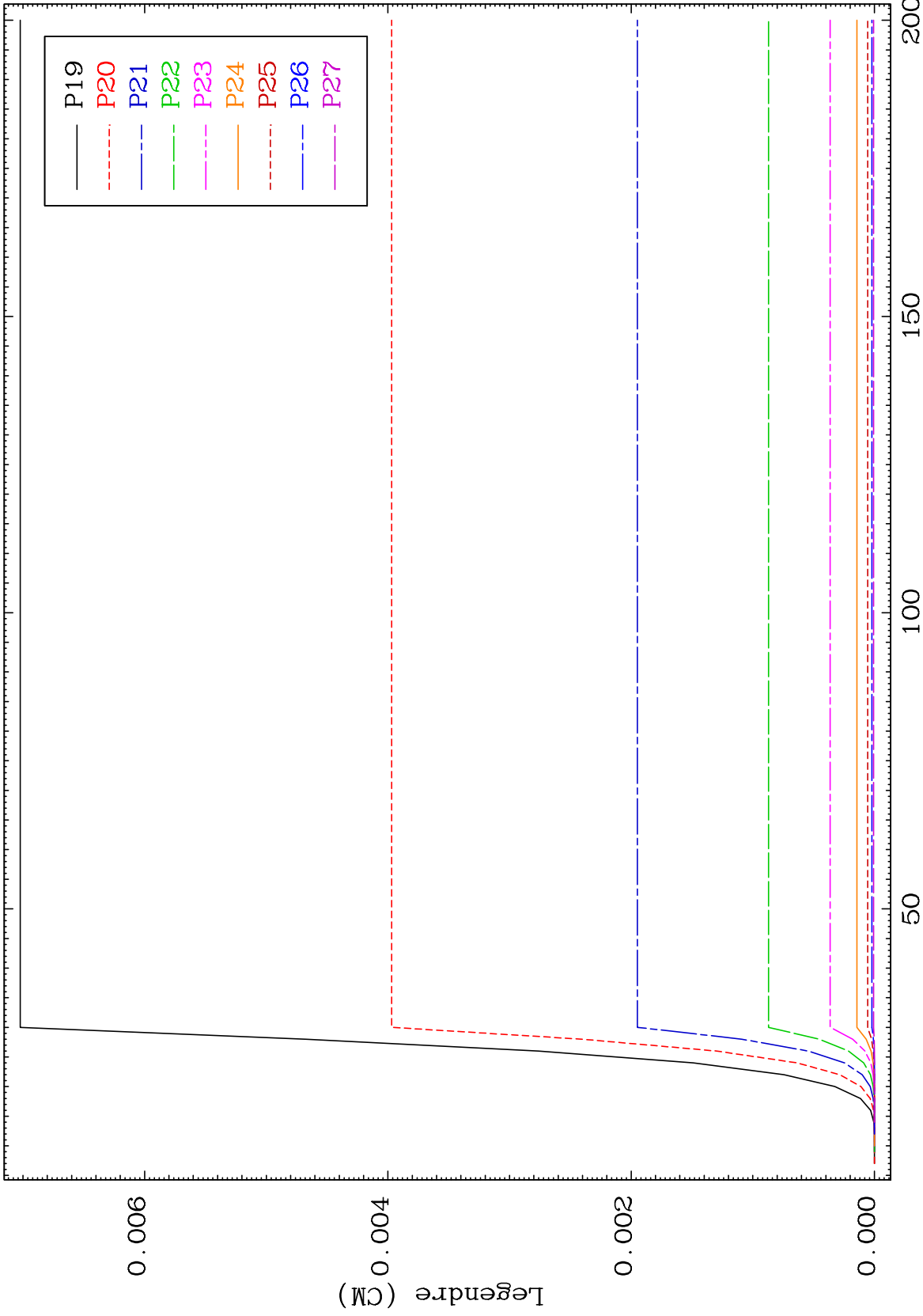
53-I -117

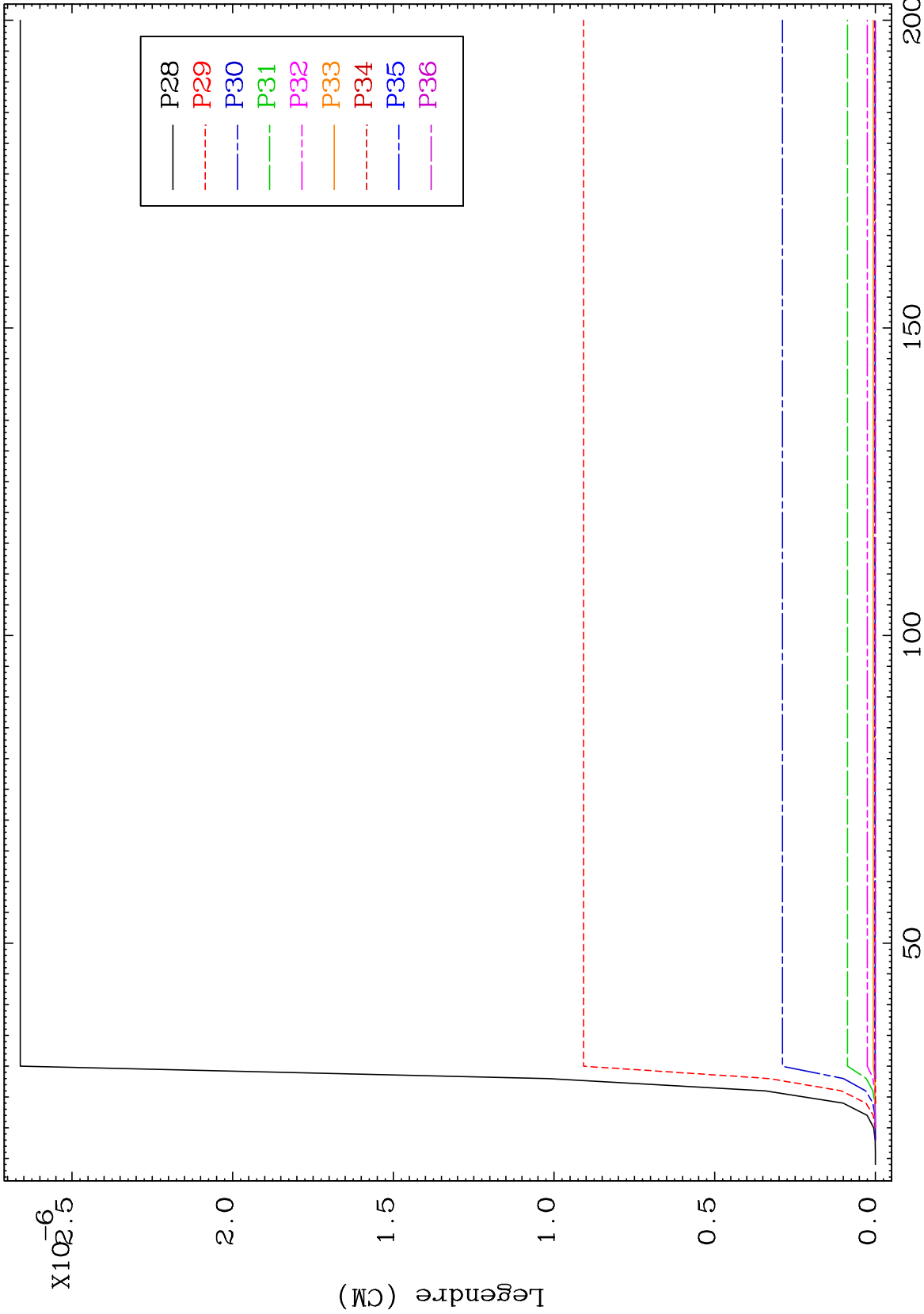


93

Incident Energy (MeV)

53-I -117

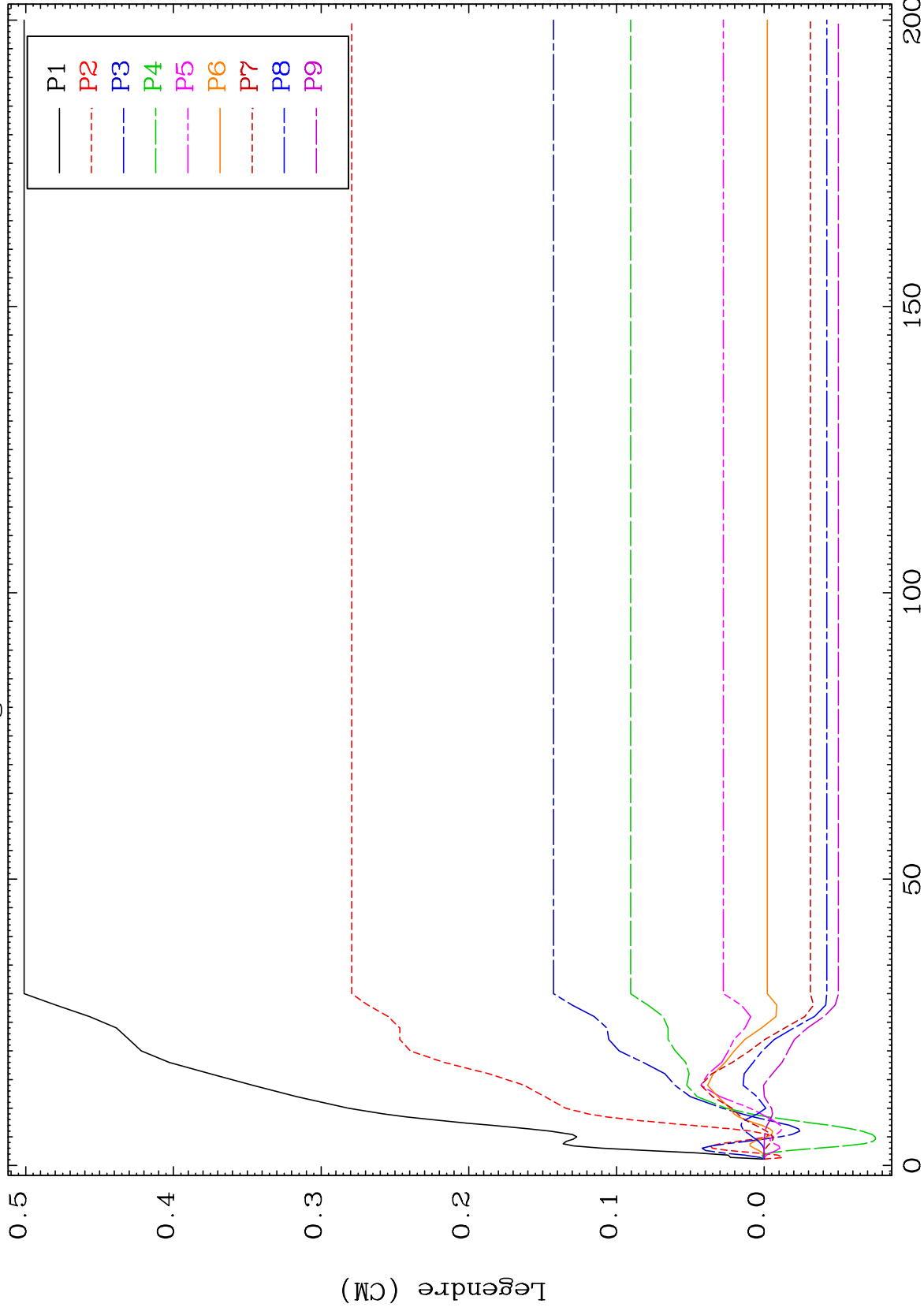




MAT 5295

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

53-I -117



96

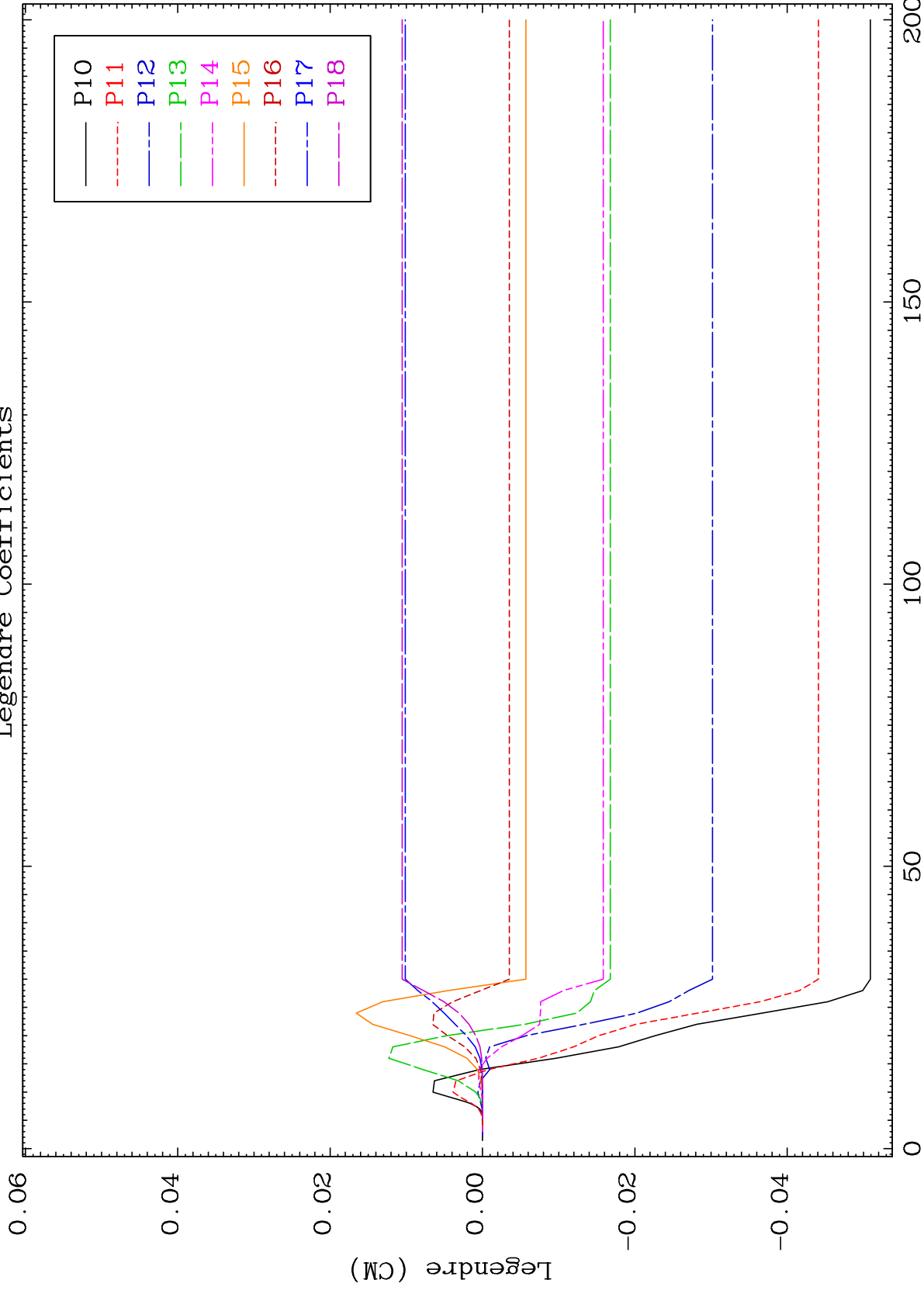
Incident Energy (MeV)

53-I -117

MAT 5295

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

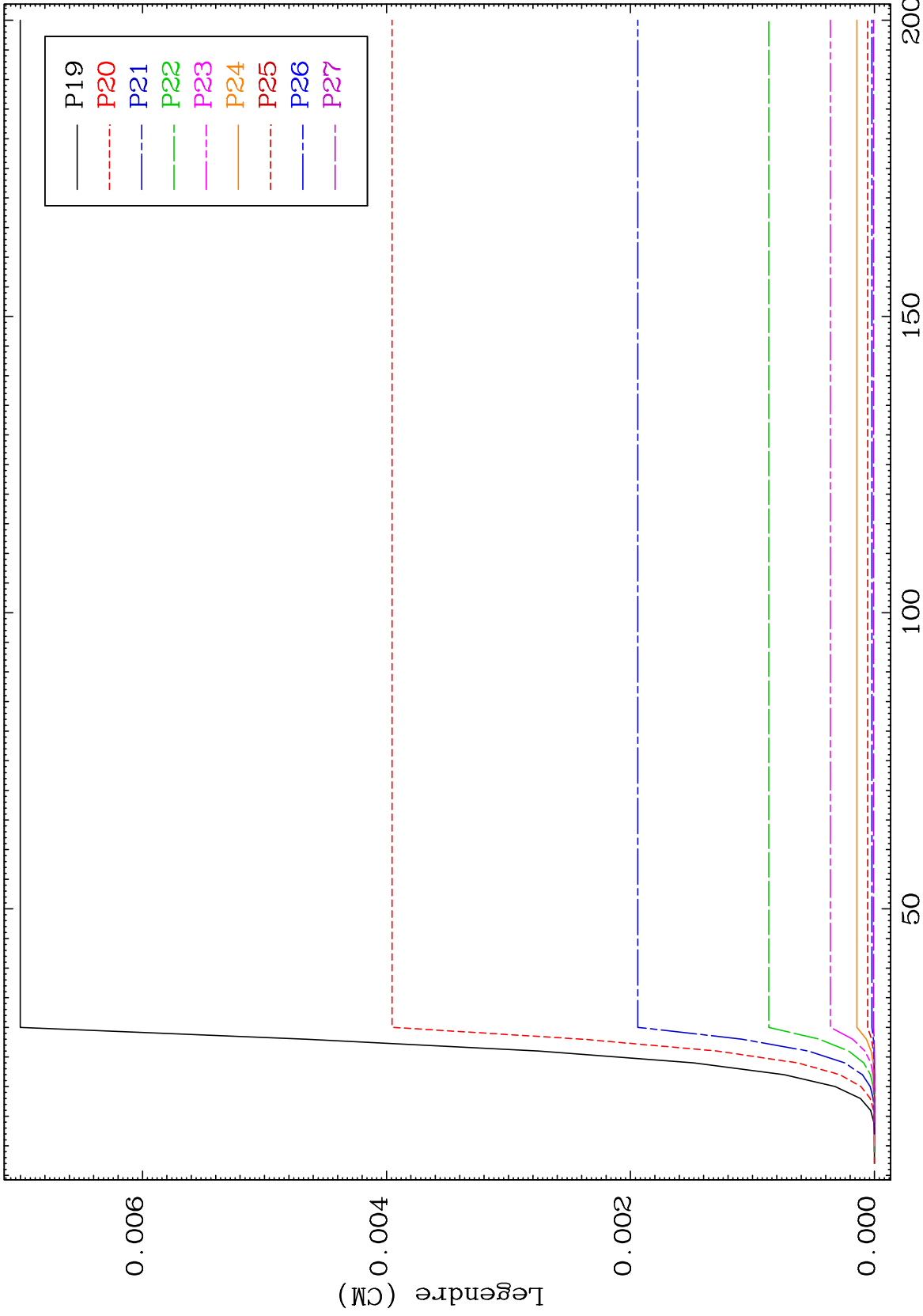
53-I -117

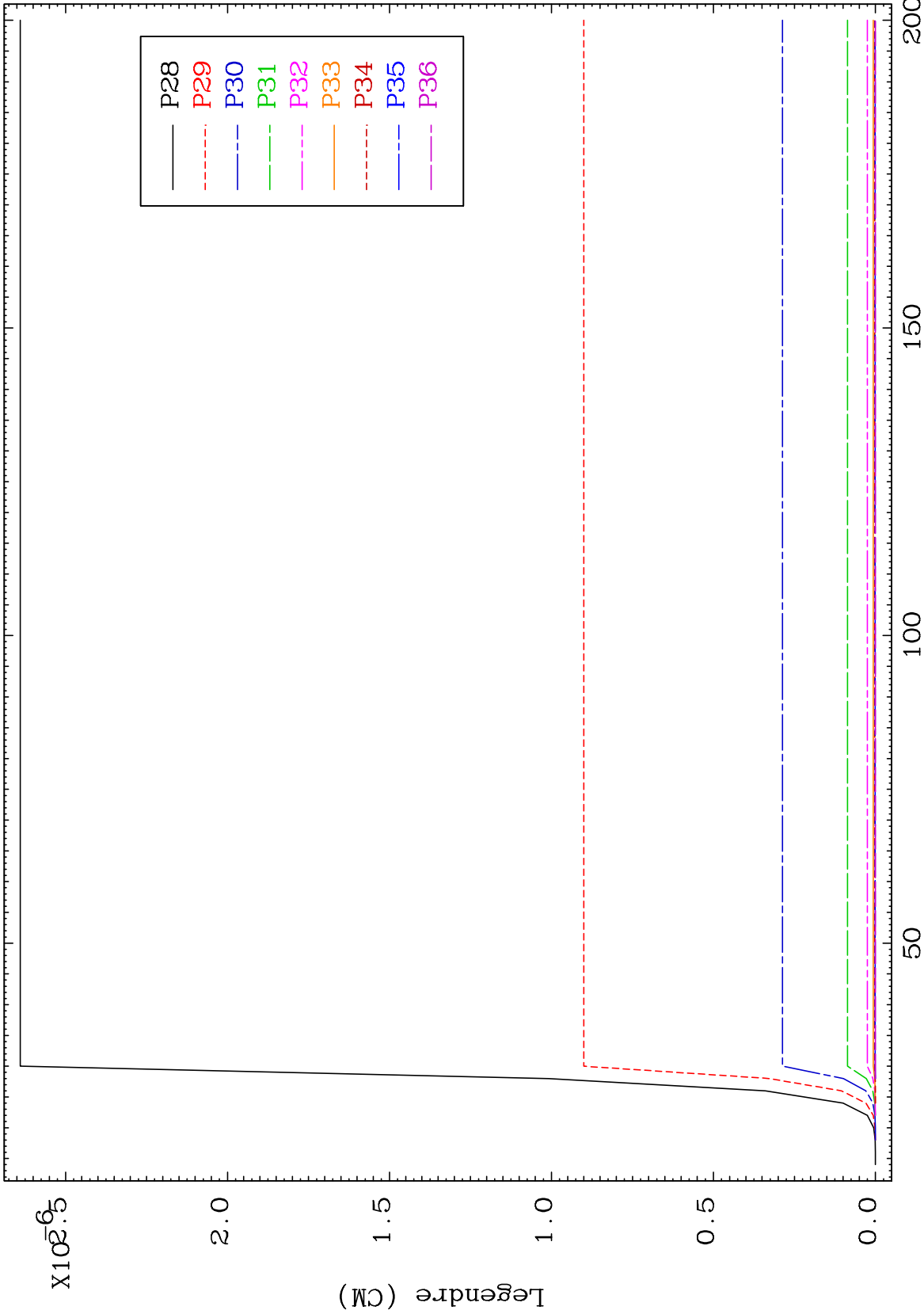


97

Incident Energy (MeV)

53-I -117

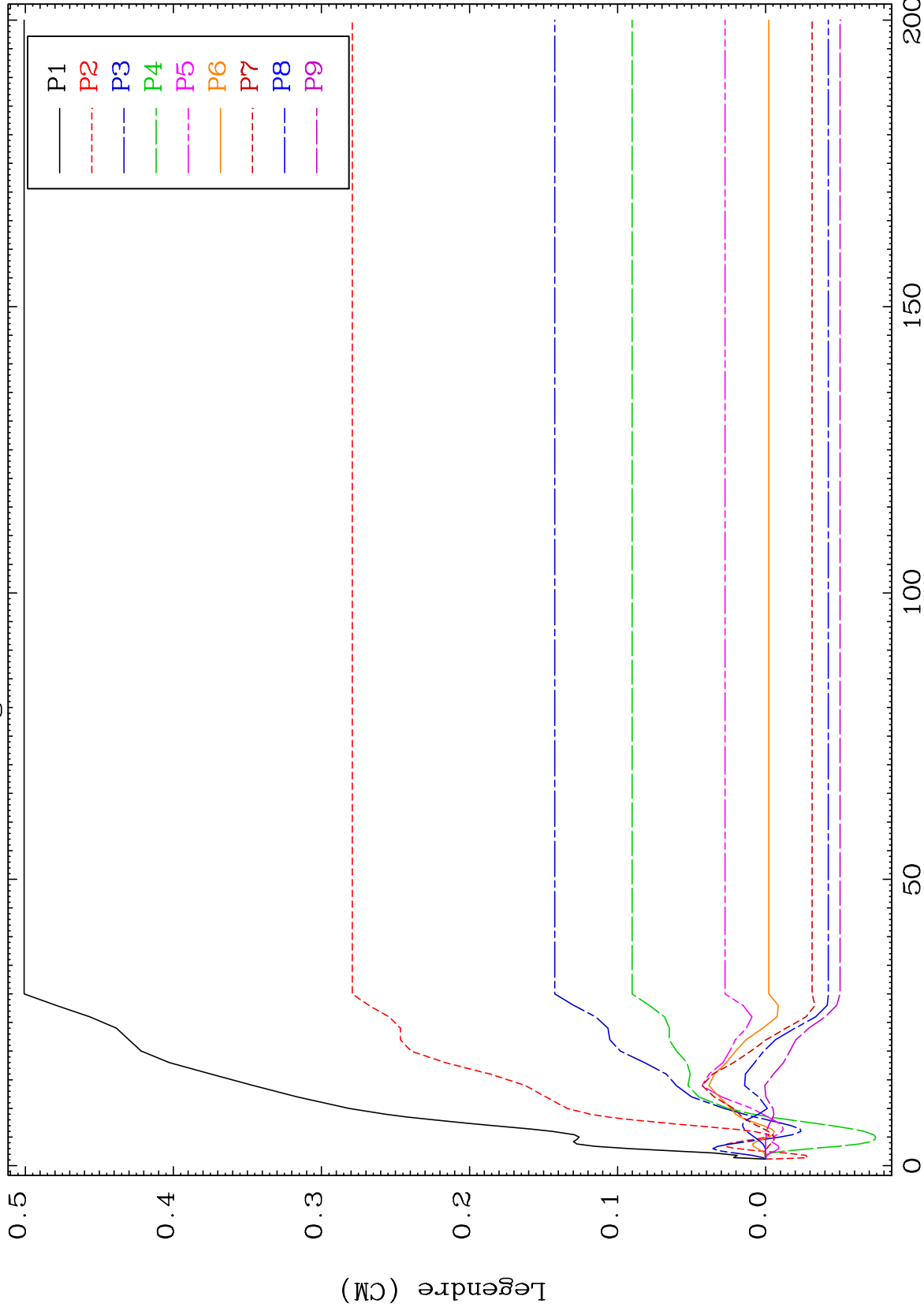




MAT 5295

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

53-I -117



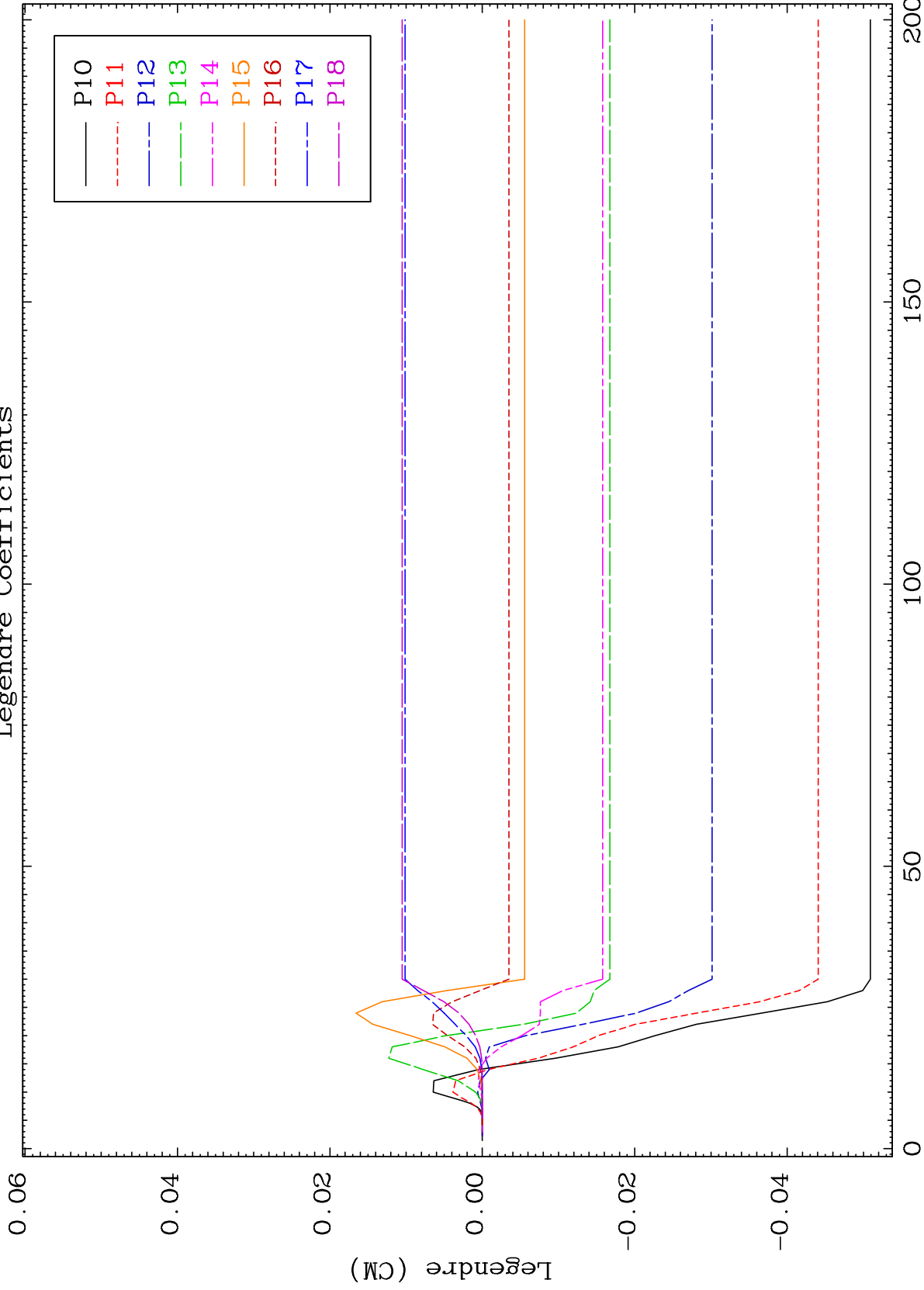
53-I -117

Incident Energy (MeV)

MAT 5295

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

53-I -117



101

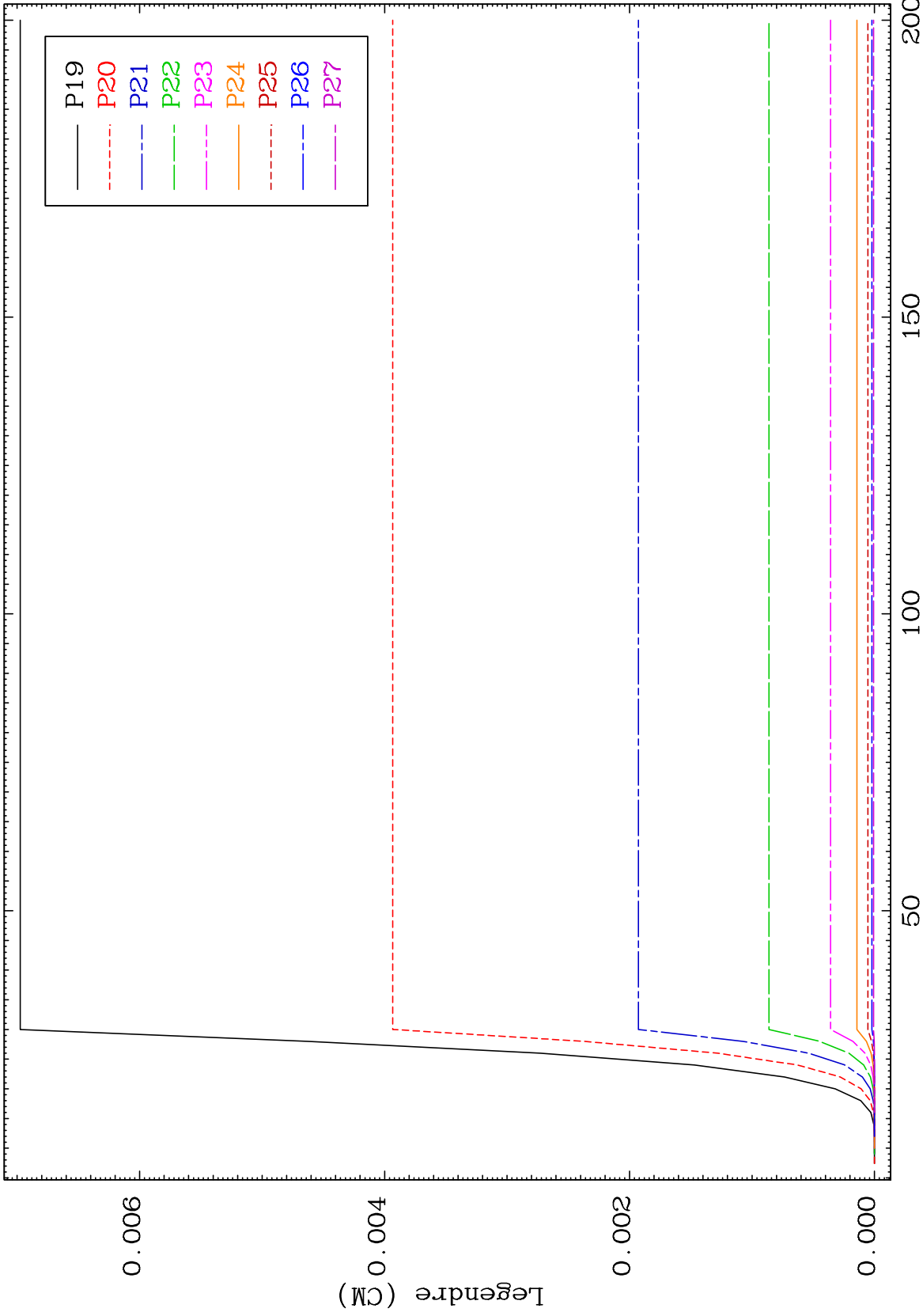
Incident Energy (MeV)

53-I -117

MAT 5295

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

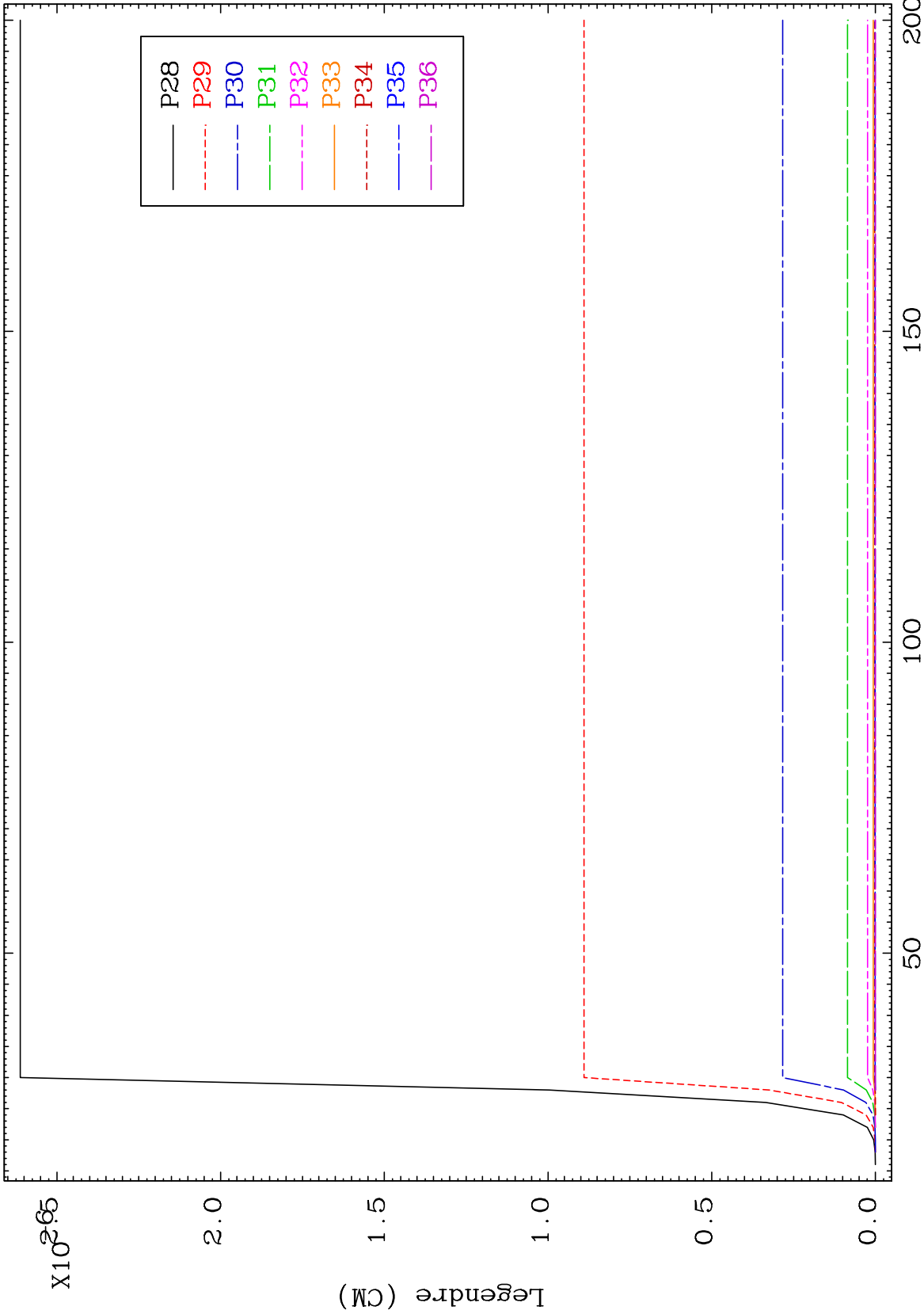
53-I -117



102

Incident Energy (MeV)

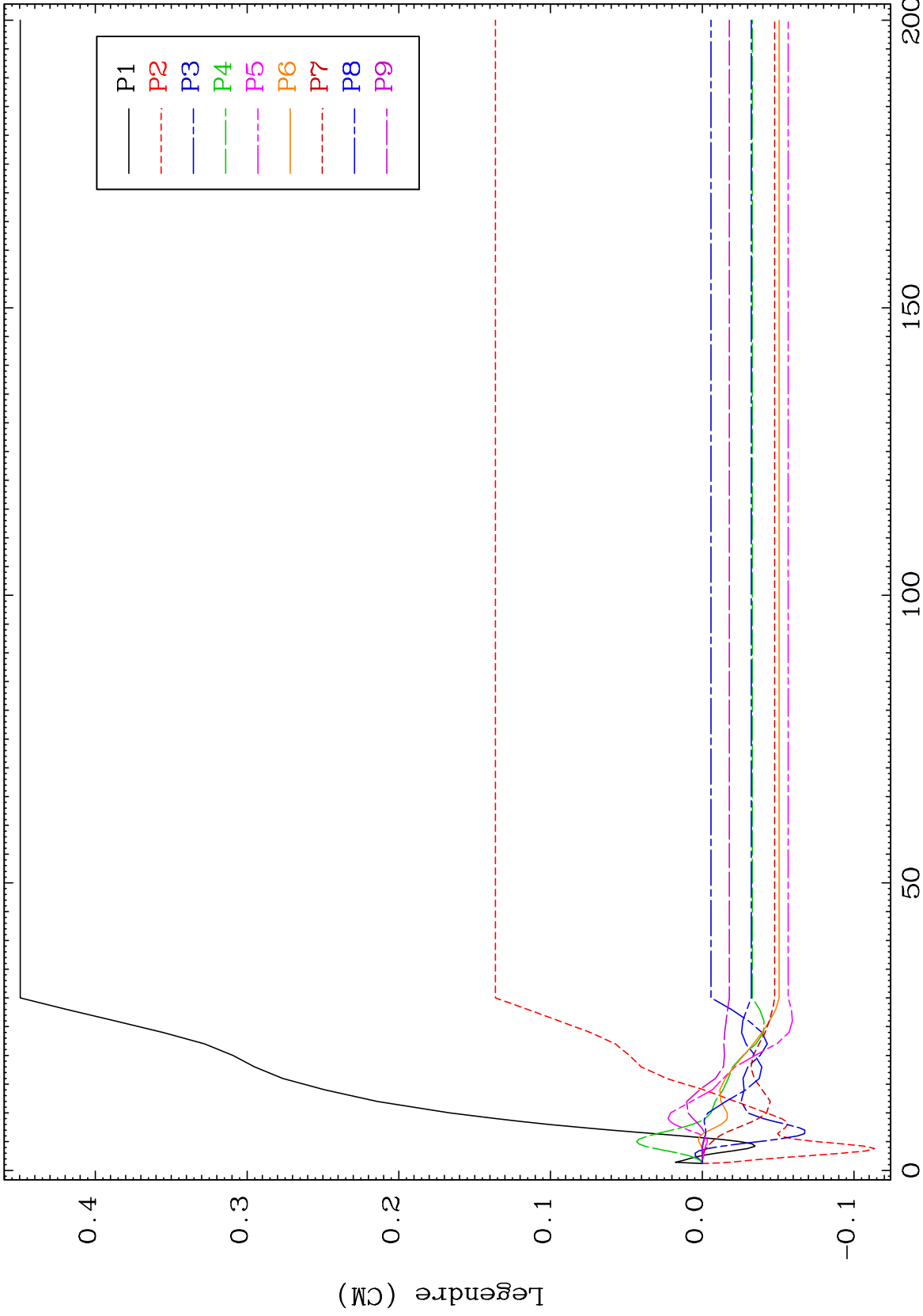
53-I -117



MAT 5295

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

53-I -117



53-I -117

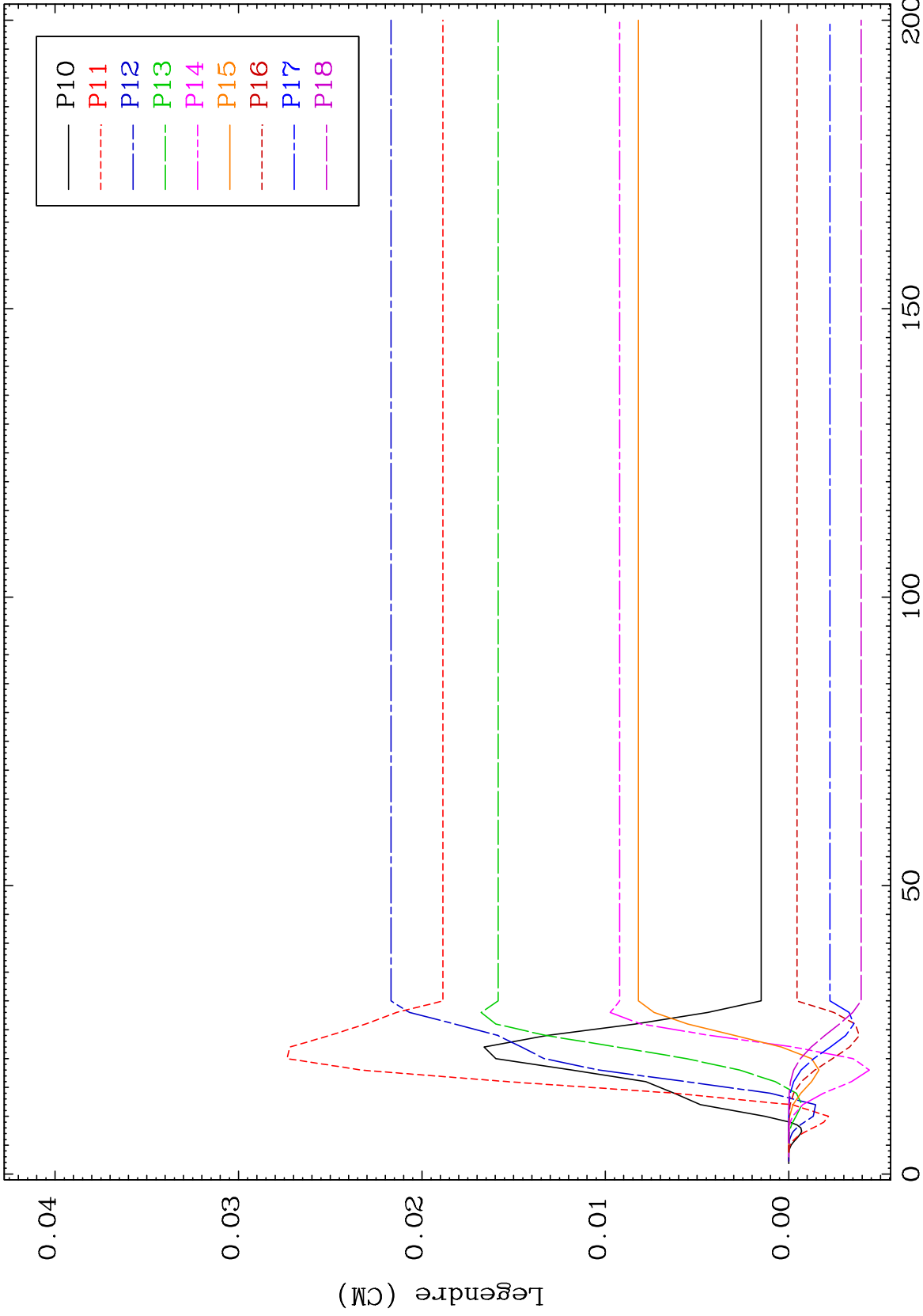
Incident Energy (MeV)

104

MAT 5295

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

53-I -117



105

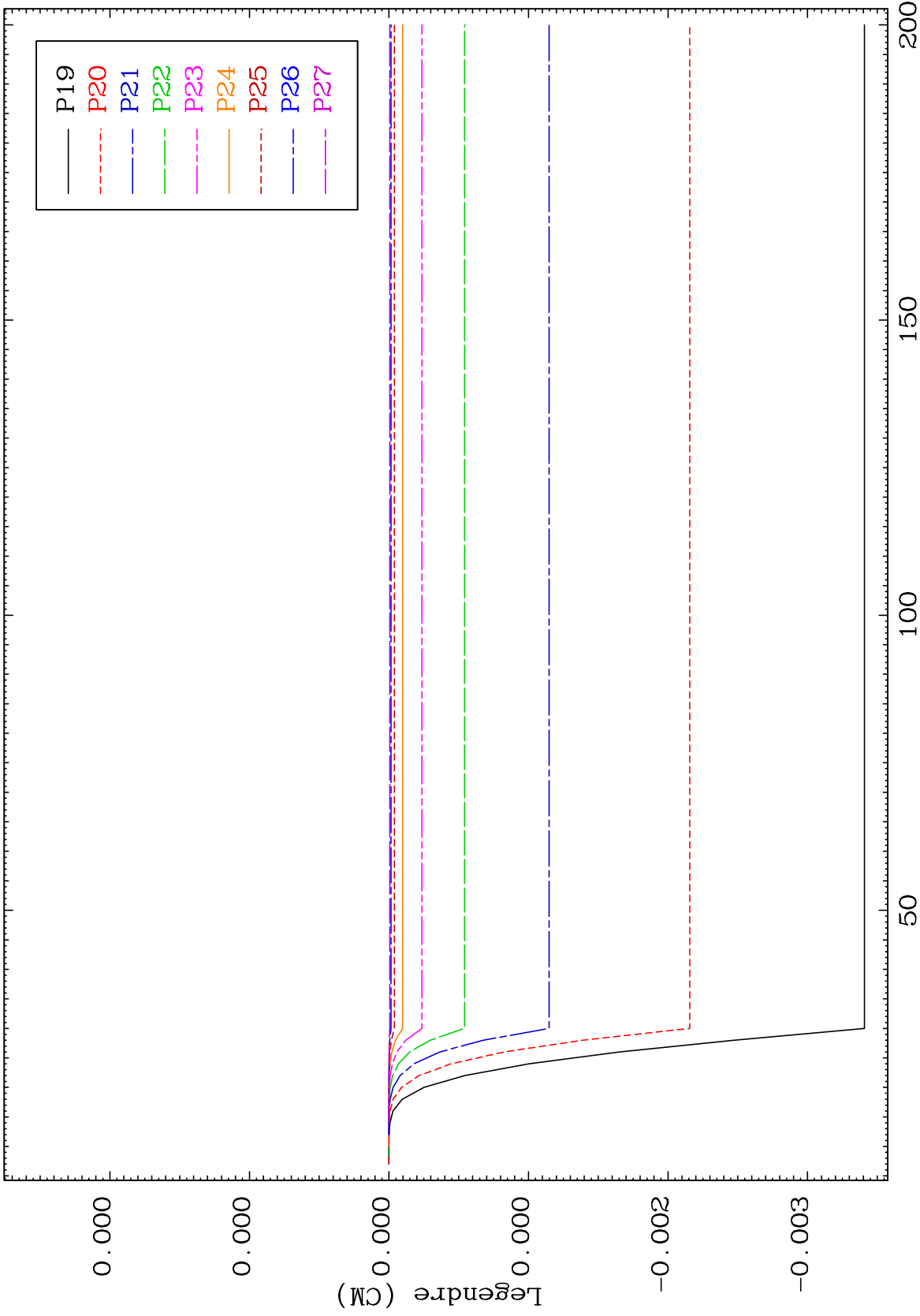
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



106

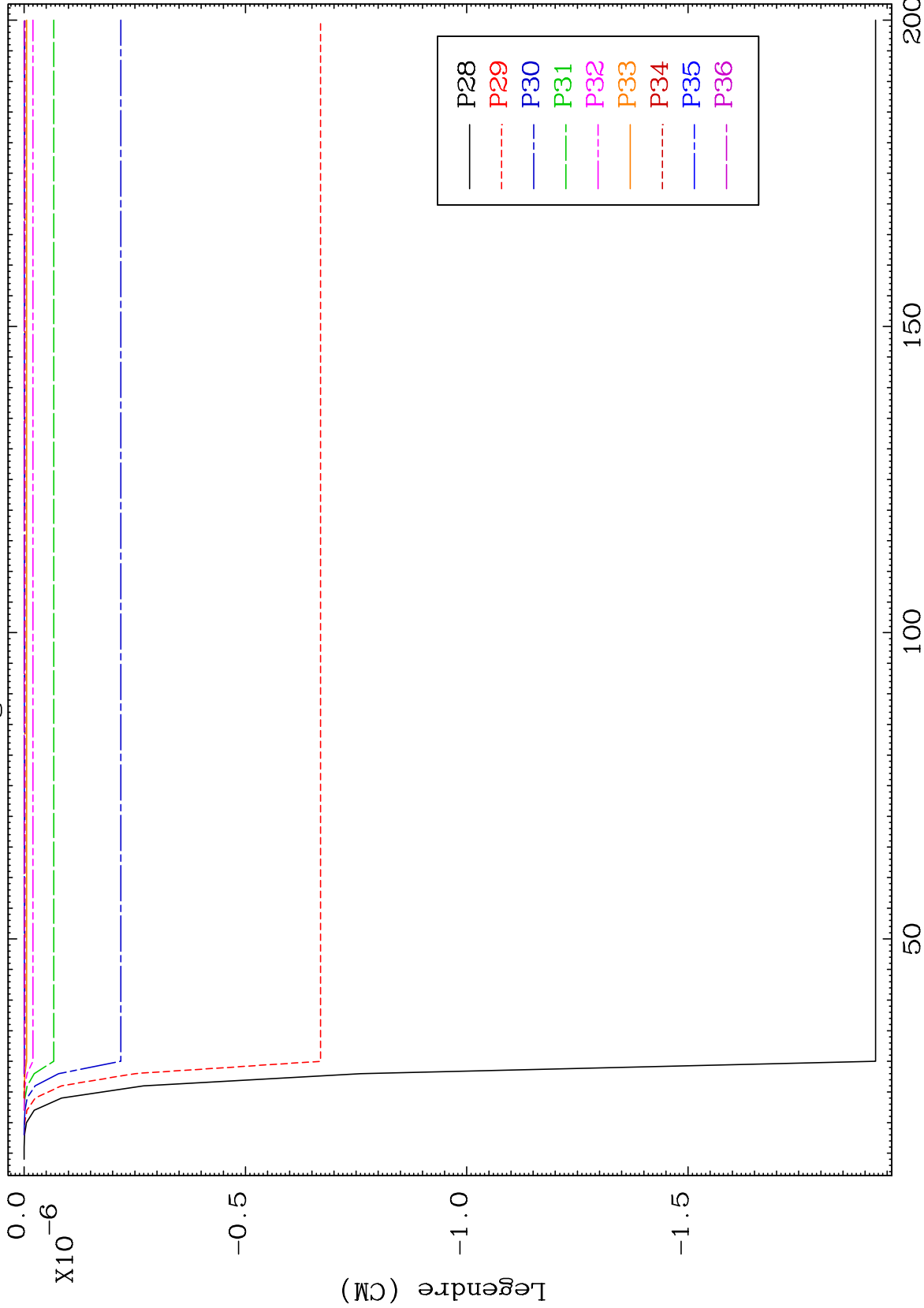
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



107

Incident Energy (MeV)

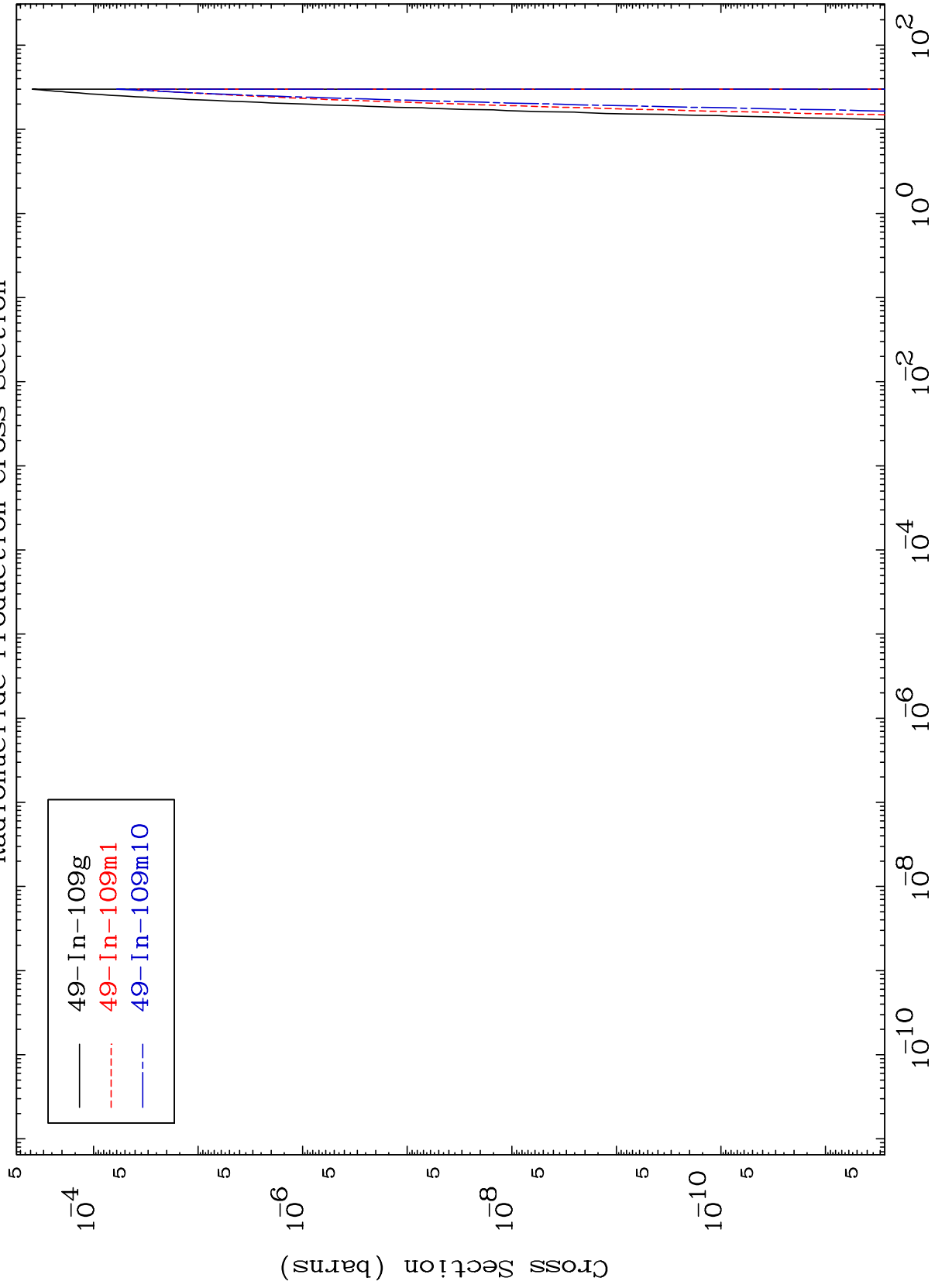
53-I -117

MAT 5295

(n,n') 2α

53-I -117

Radionuclide Production Cross Section



108

Incident Energy (MeV)

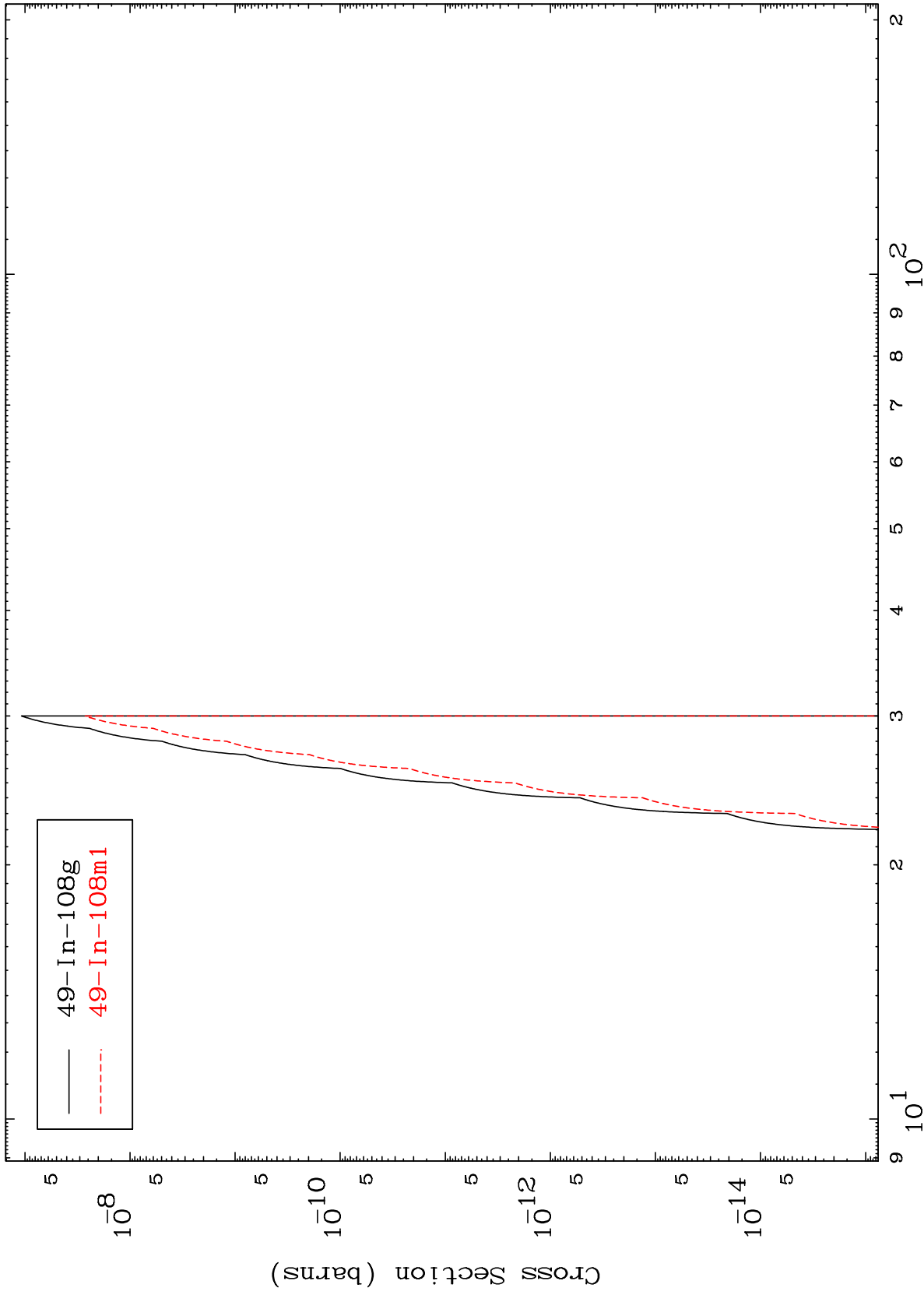
53-I -117

MAT 5295

(n,2n) 2α

53-I -117

Radionuclide Production Cross Section



49-I-108g
49-I-108m1

109

Incident Energy (MeV)

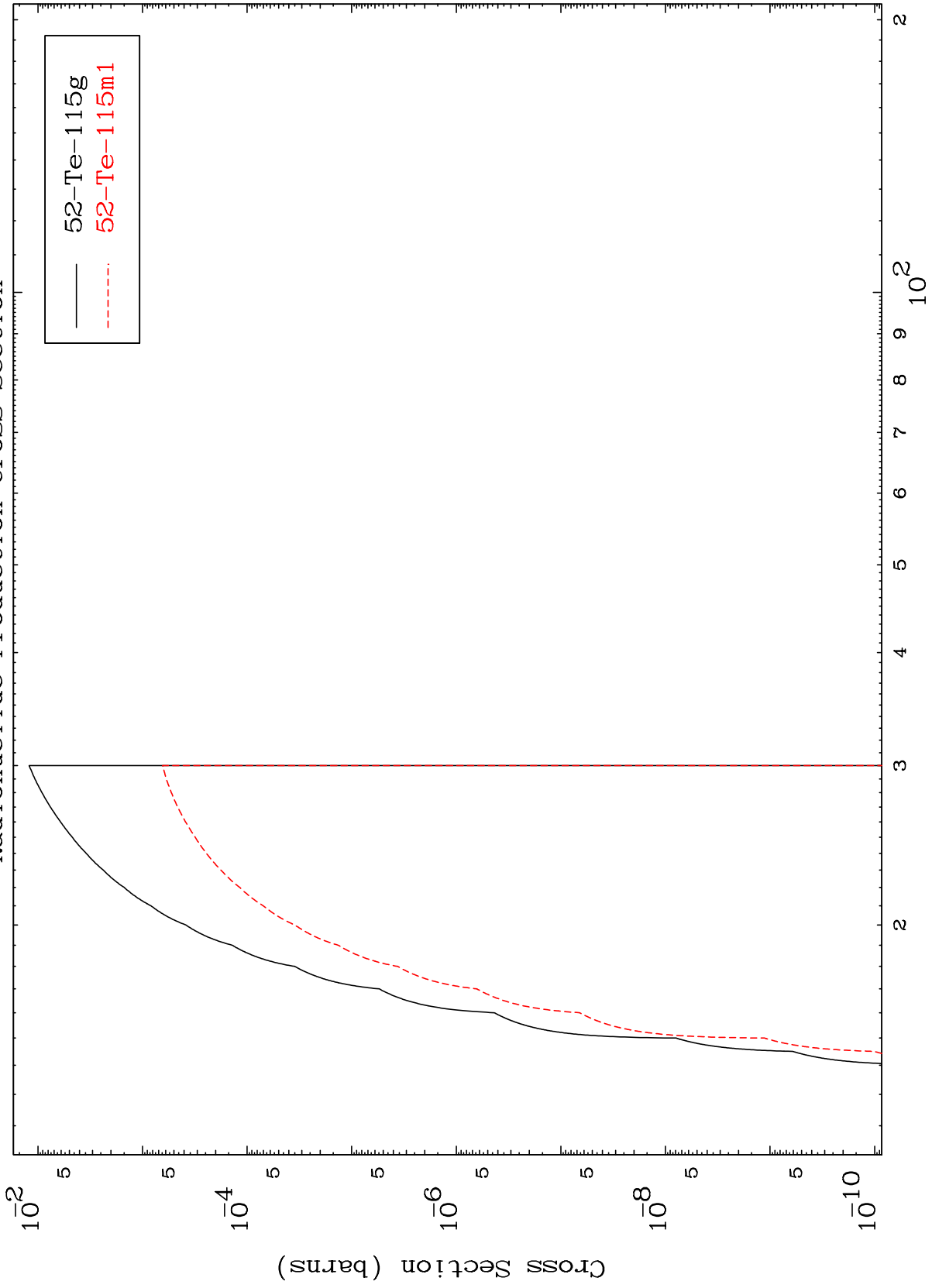
53-I -117

MAT 5295

(n,n') d

53-I -117

Radionuclide Production Cross Section



110

Incident Energy (MeV)

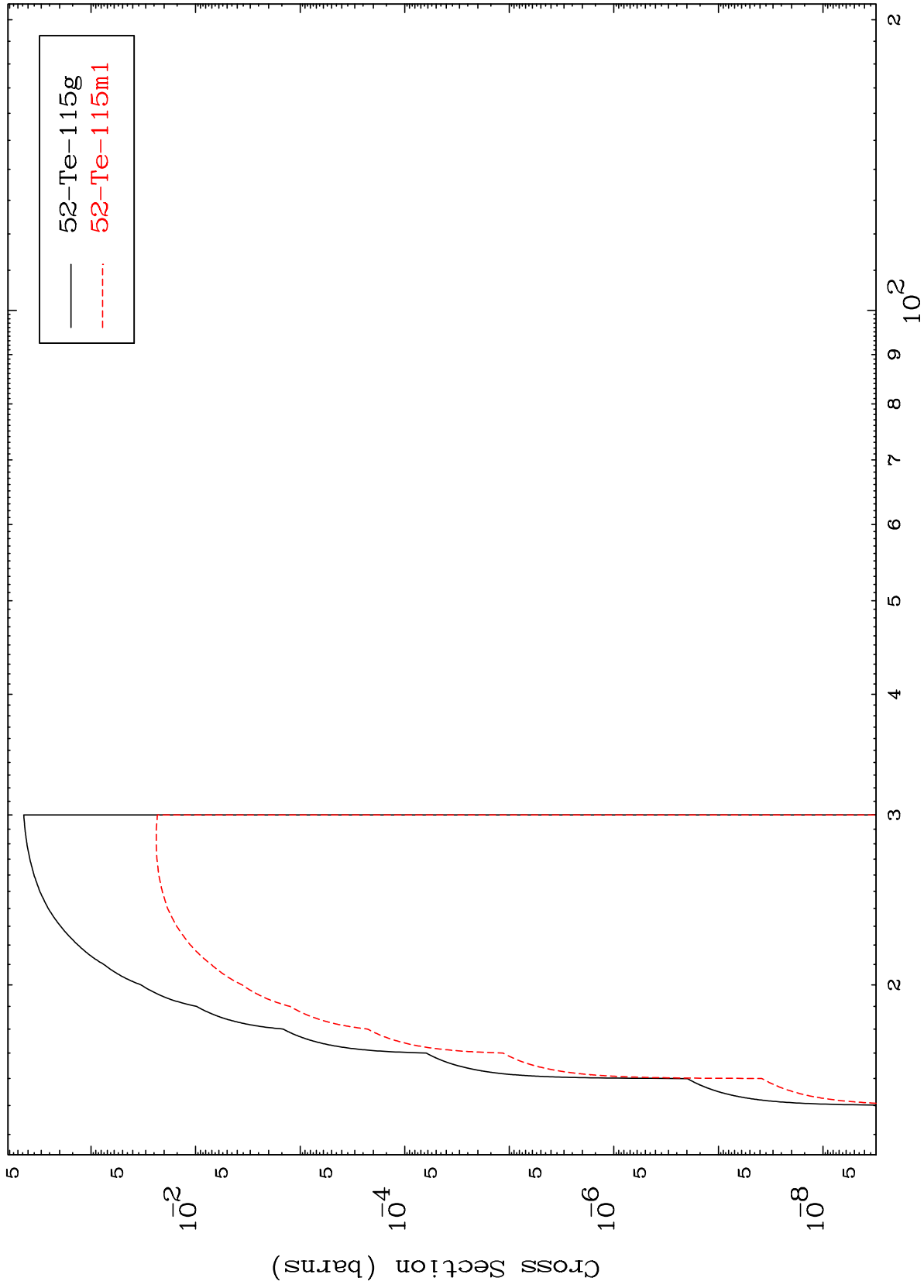
53-I -117

MAT 5295

(n,2n) p

53-I -117

Radionuclide Production Cross Section



111

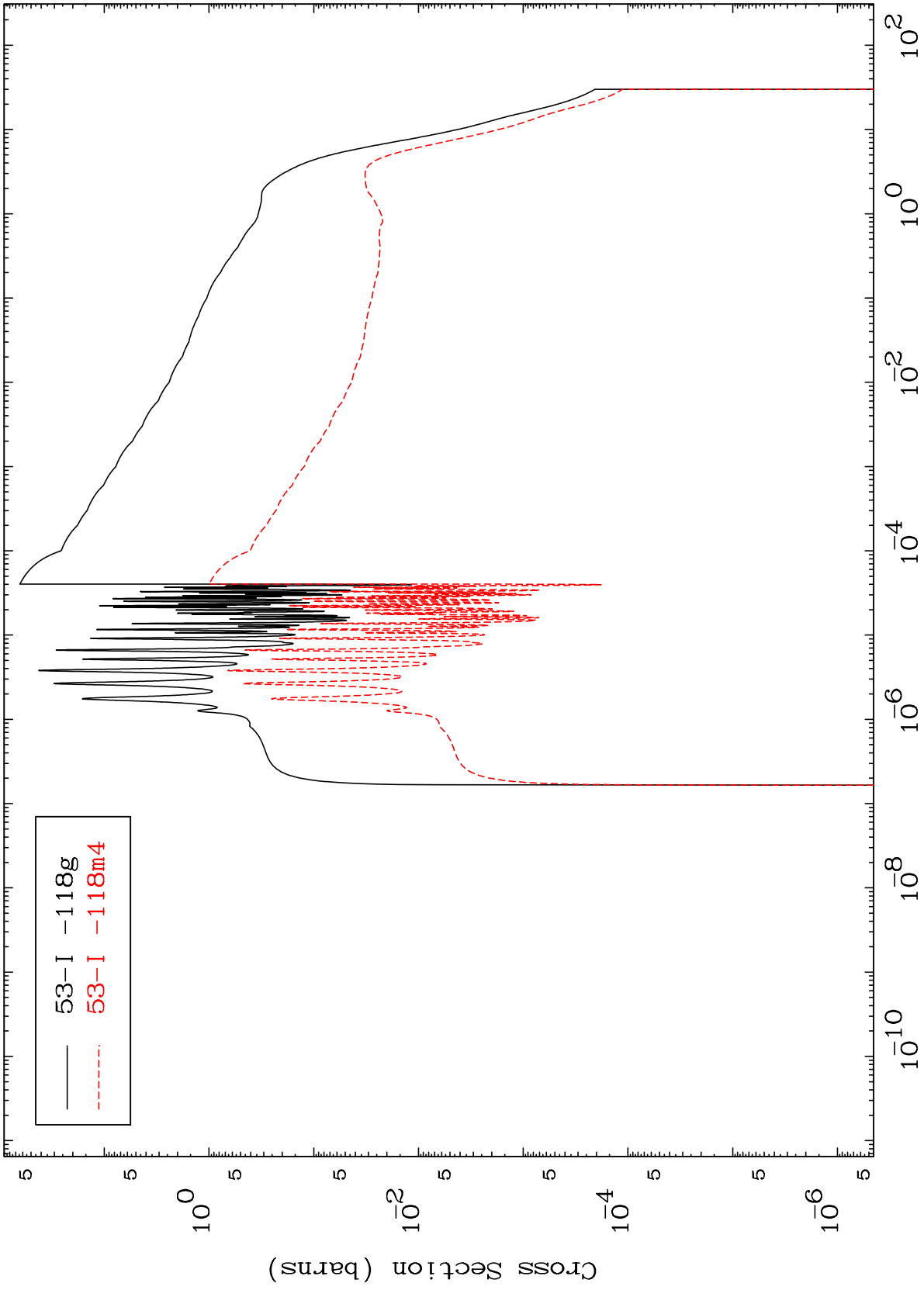
Incident Energy (MeV)

53-I -117

MAT 5295

53-I -117

Radionuclide Production Cross Section (n,γ)



112

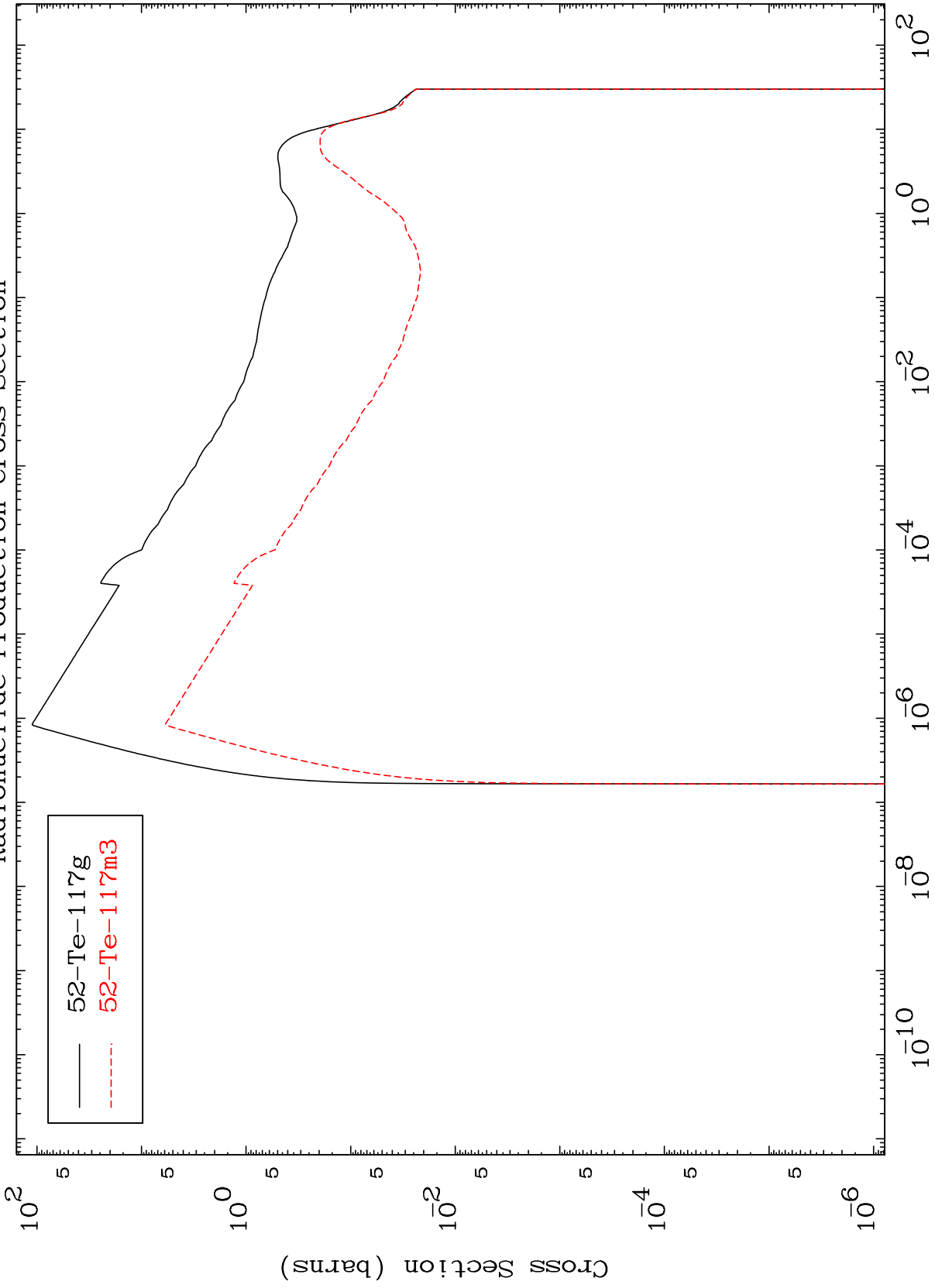
53-I -117

MAT 5295

(n,p)

53-I -117

Radionuclide Production Cross Section



— 52-Te-117g
- - - 52-Te-117m3

113

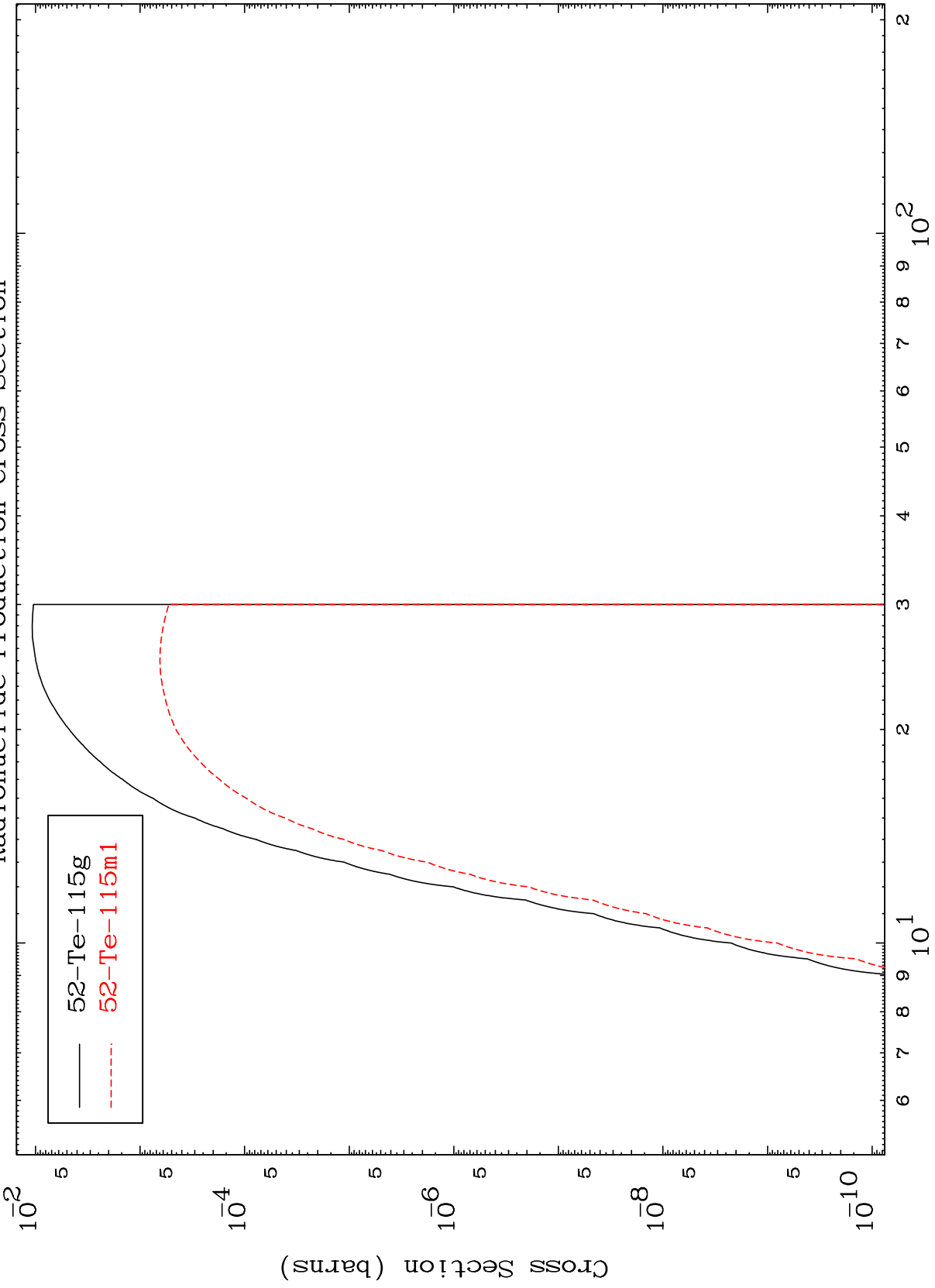
Incident Energy (MeV)

53-I -117

MAT 5295

53-I -117

Radionuclide Production Cross Section



114

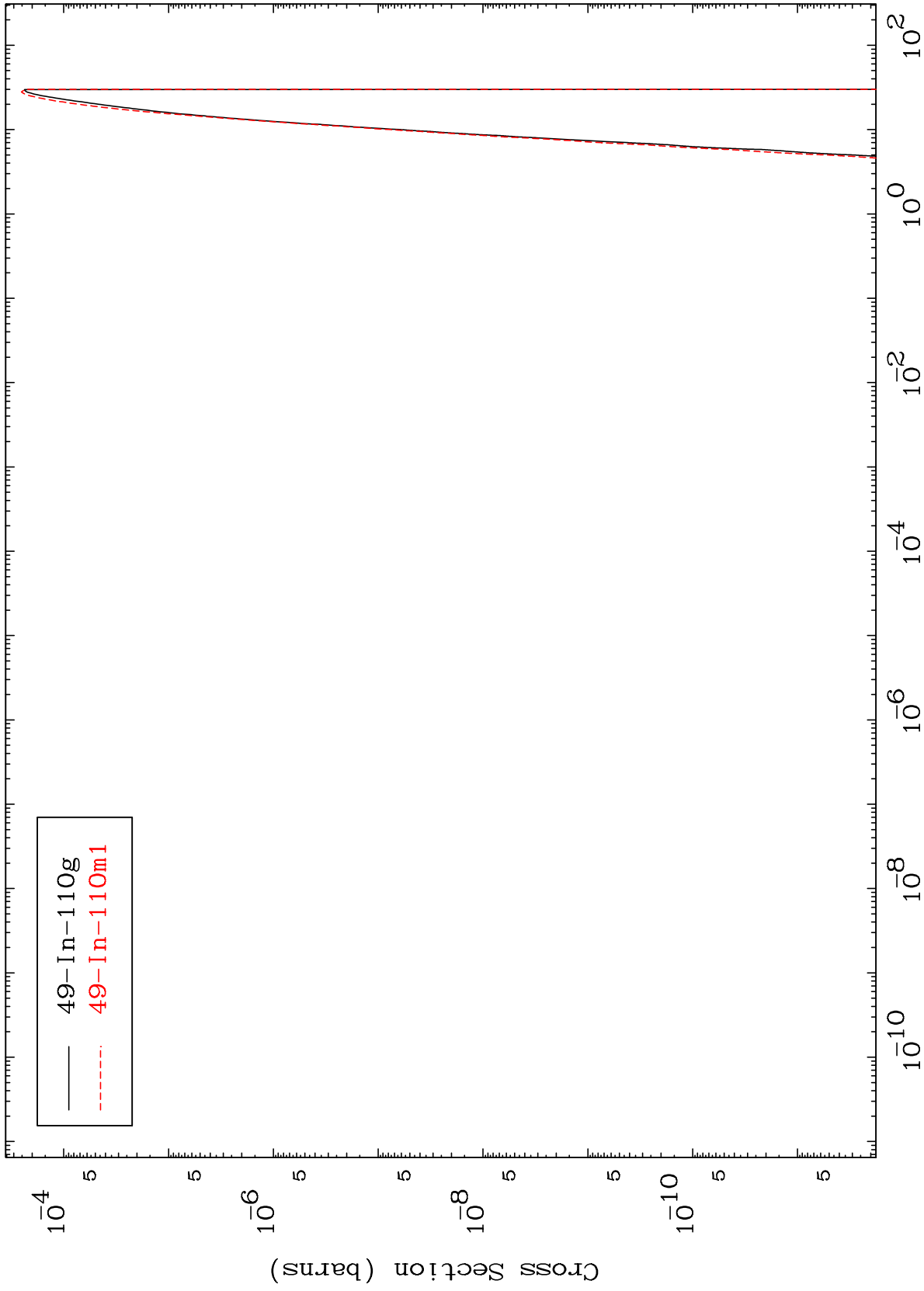
53-I -117

MAT 5295

(n,2α)

53-I -117

Radionuclide Production Cross Section



115

Incident Energy (MeV)

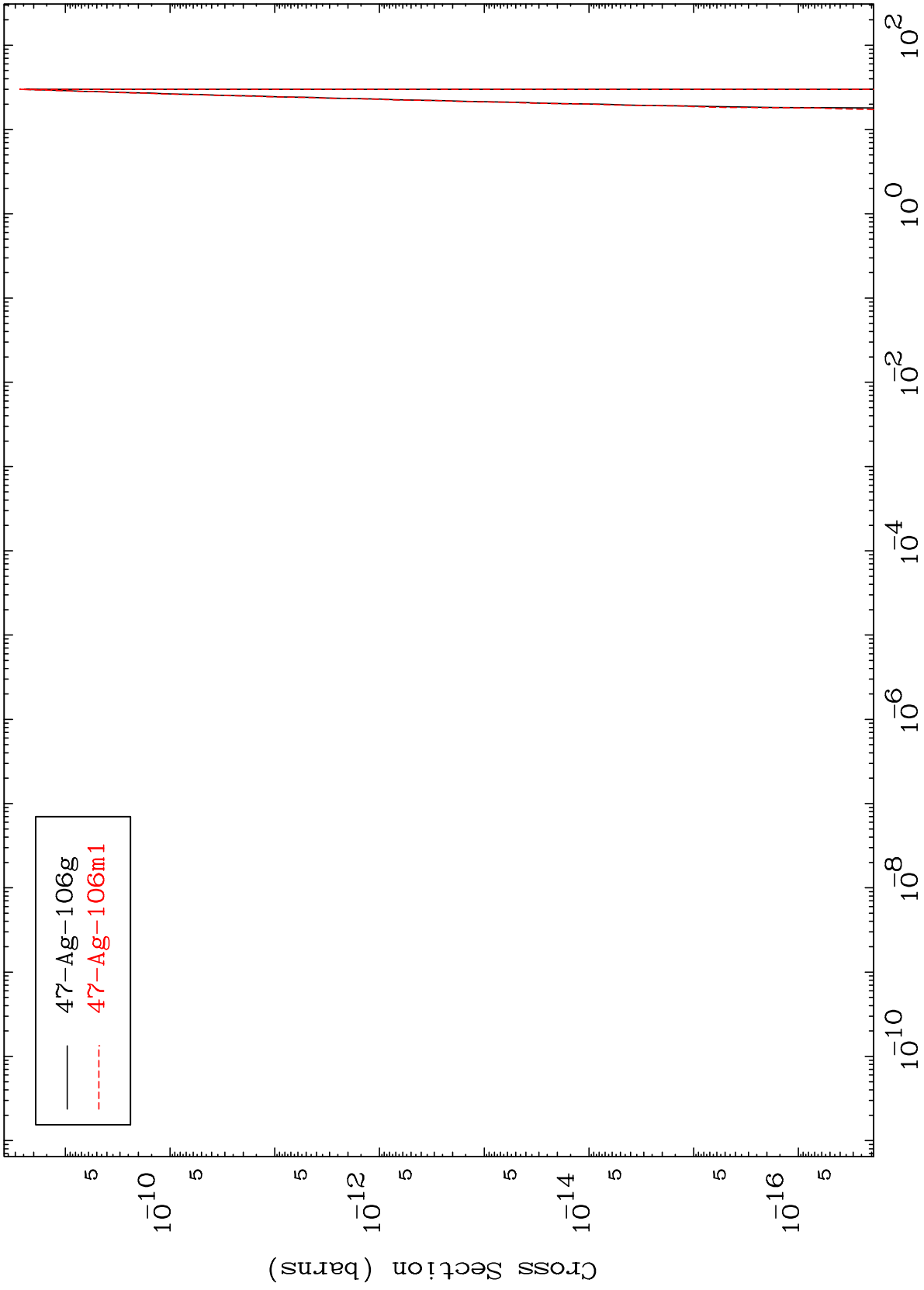
53-I -117

MAT 5295

(n,3α)

53-I -117

Radionuclide Production Cross Section



47-Ag-106g
47-Ag-106m1

116

Incident Energy (MeV)

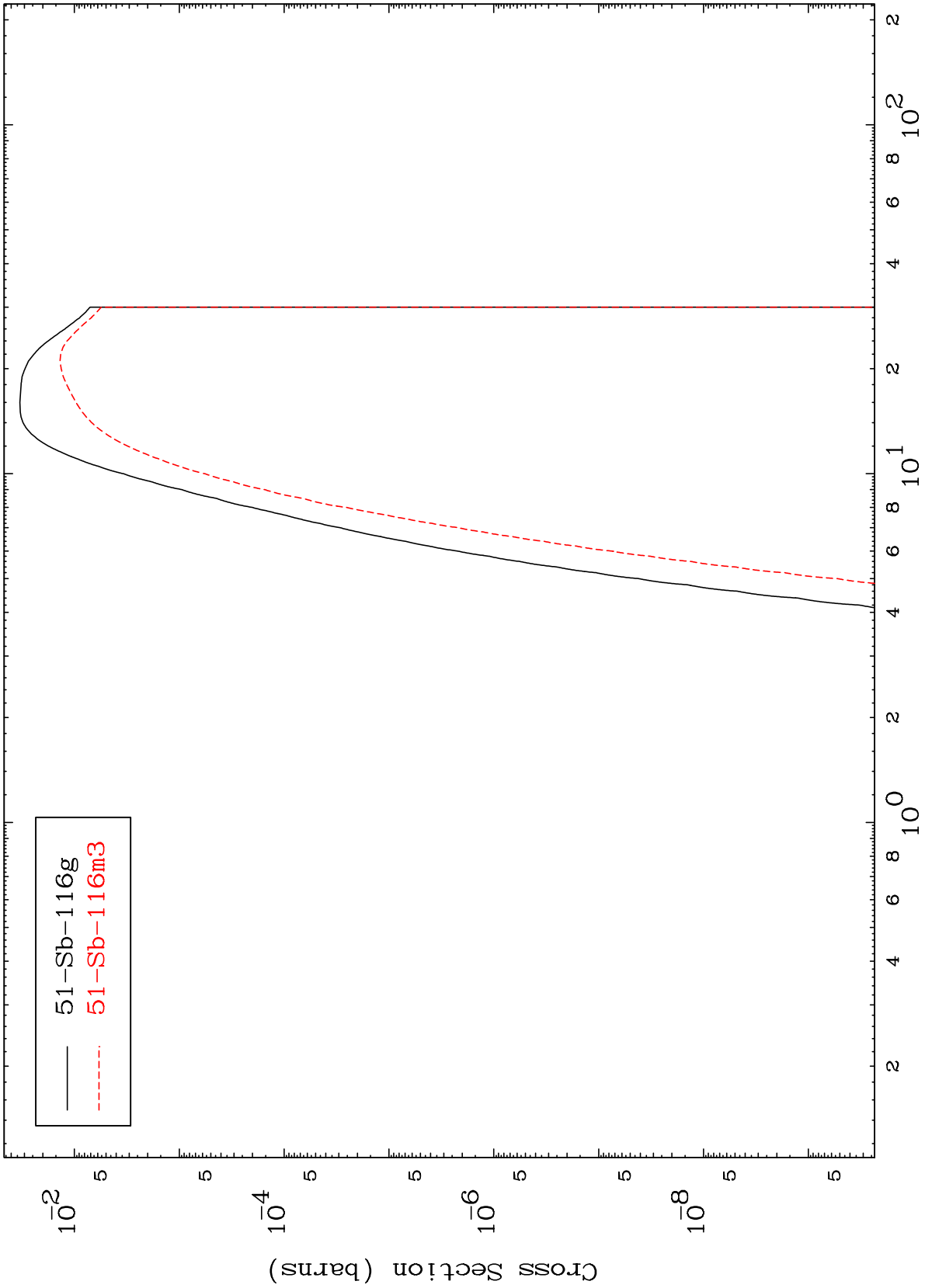
53-I -117

MAT 5295

(n,2p)

53-I -117

Radionuclide Production Cross Section



117

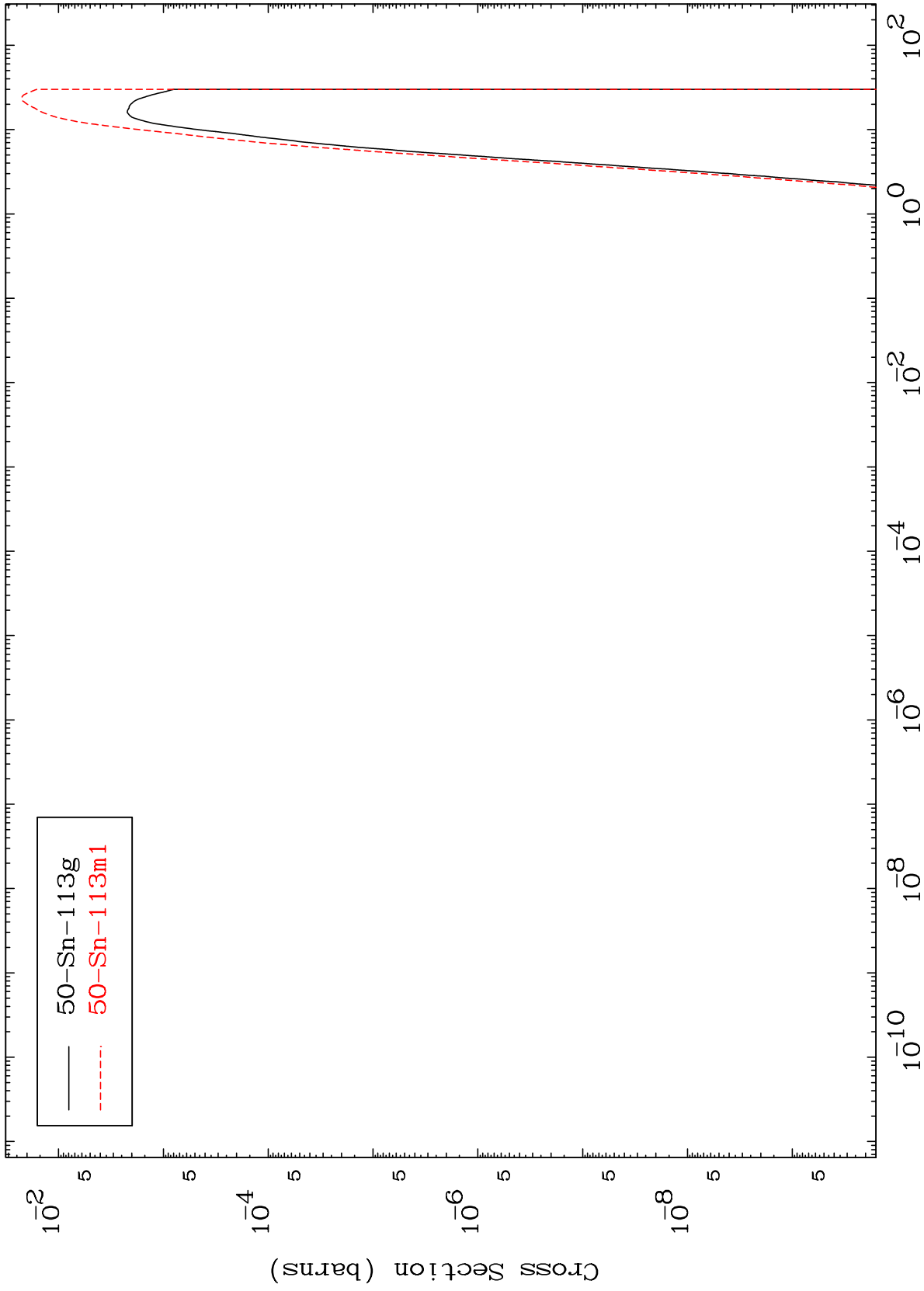
53-I -117

MAT 5295

(n,p) α

53-I -117

Radionuclide Production Cross Section



118

Incident Energy (MeV)

53-I -117