

Program EVALPLOT
(Version 2018-1)

by

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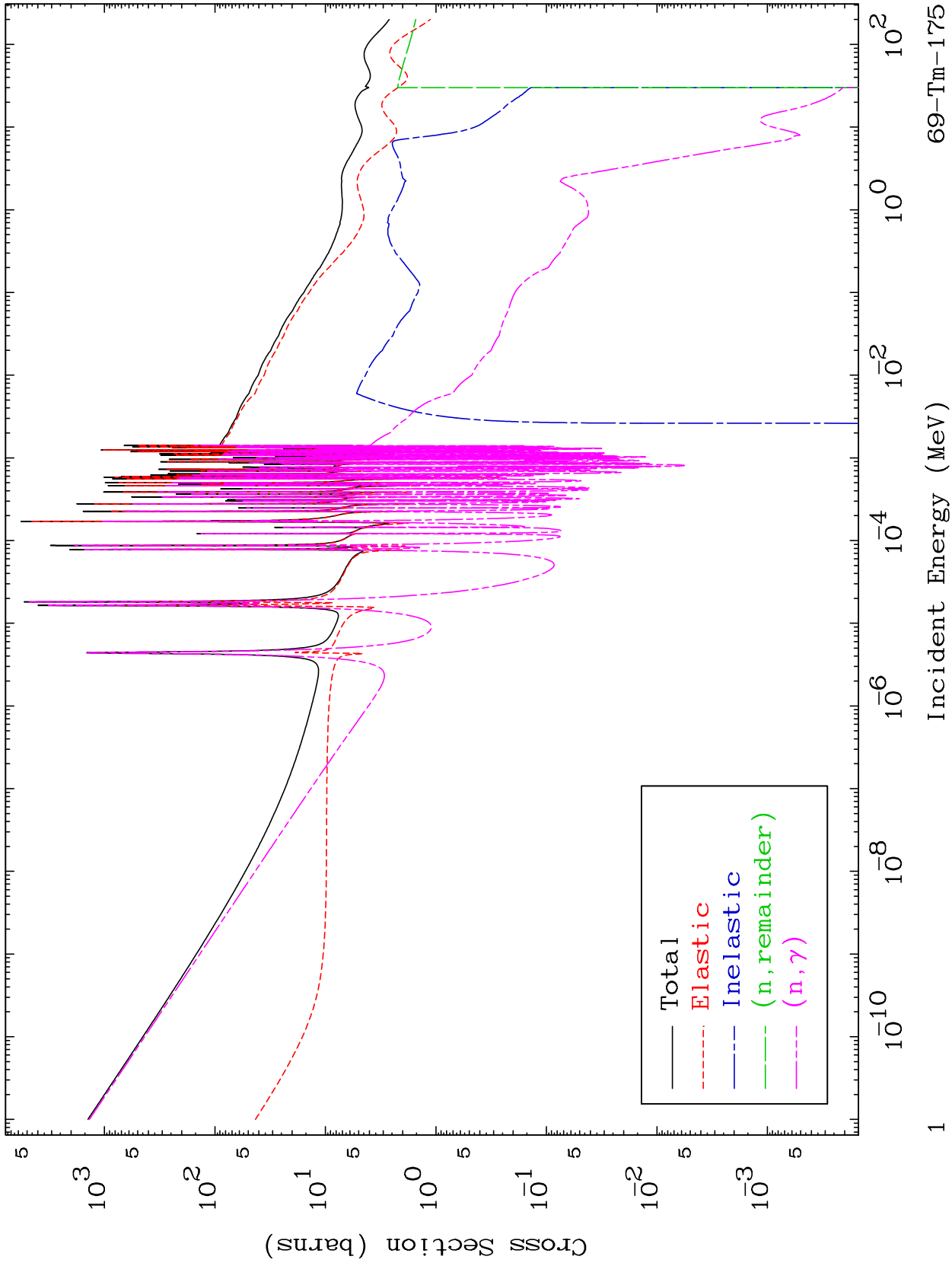
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6943

Major
293 Kelvin Cross Sections

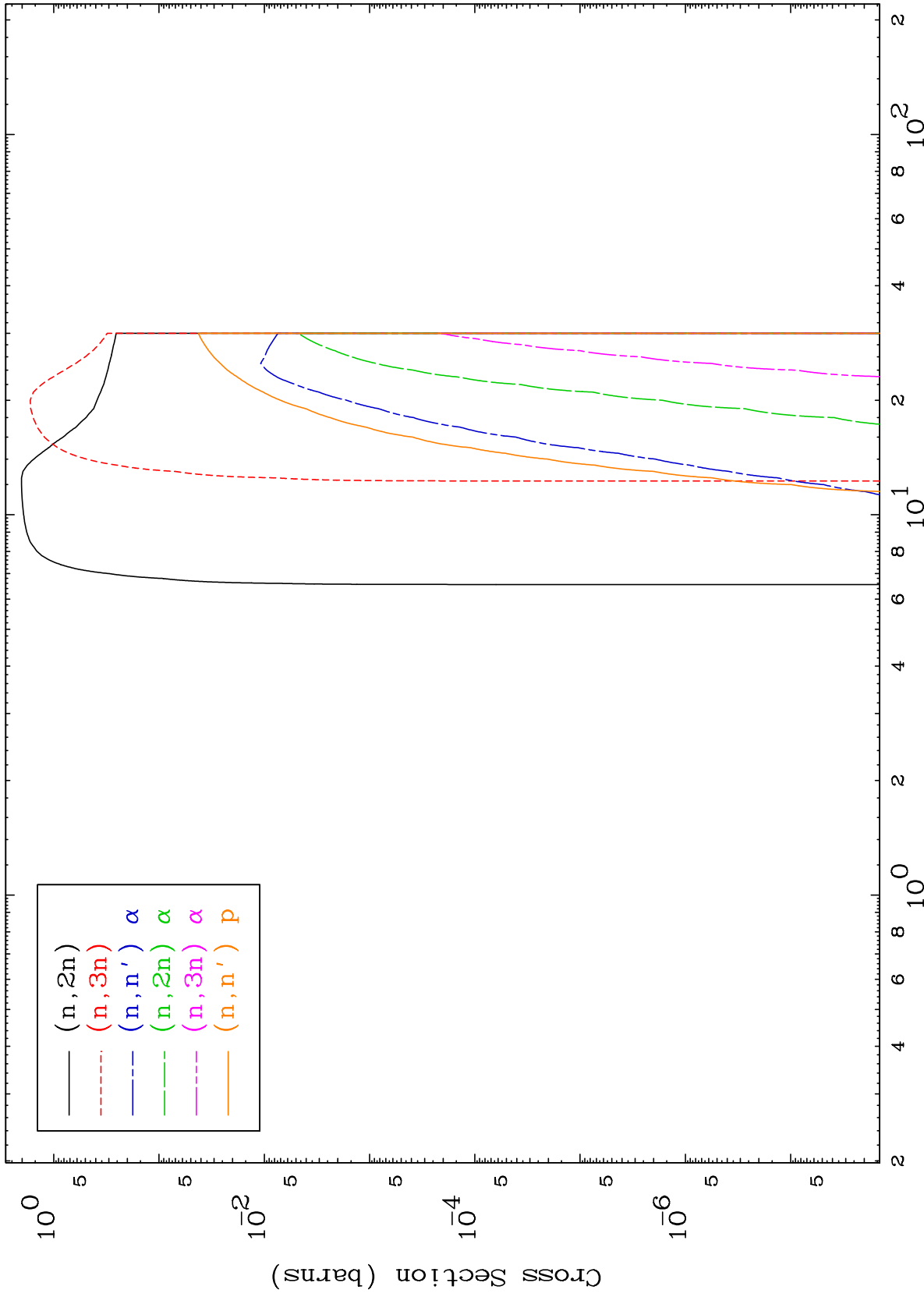
69-Tm-175



MAT 6943

Neutron Production
293 Kelvin Cross Sections

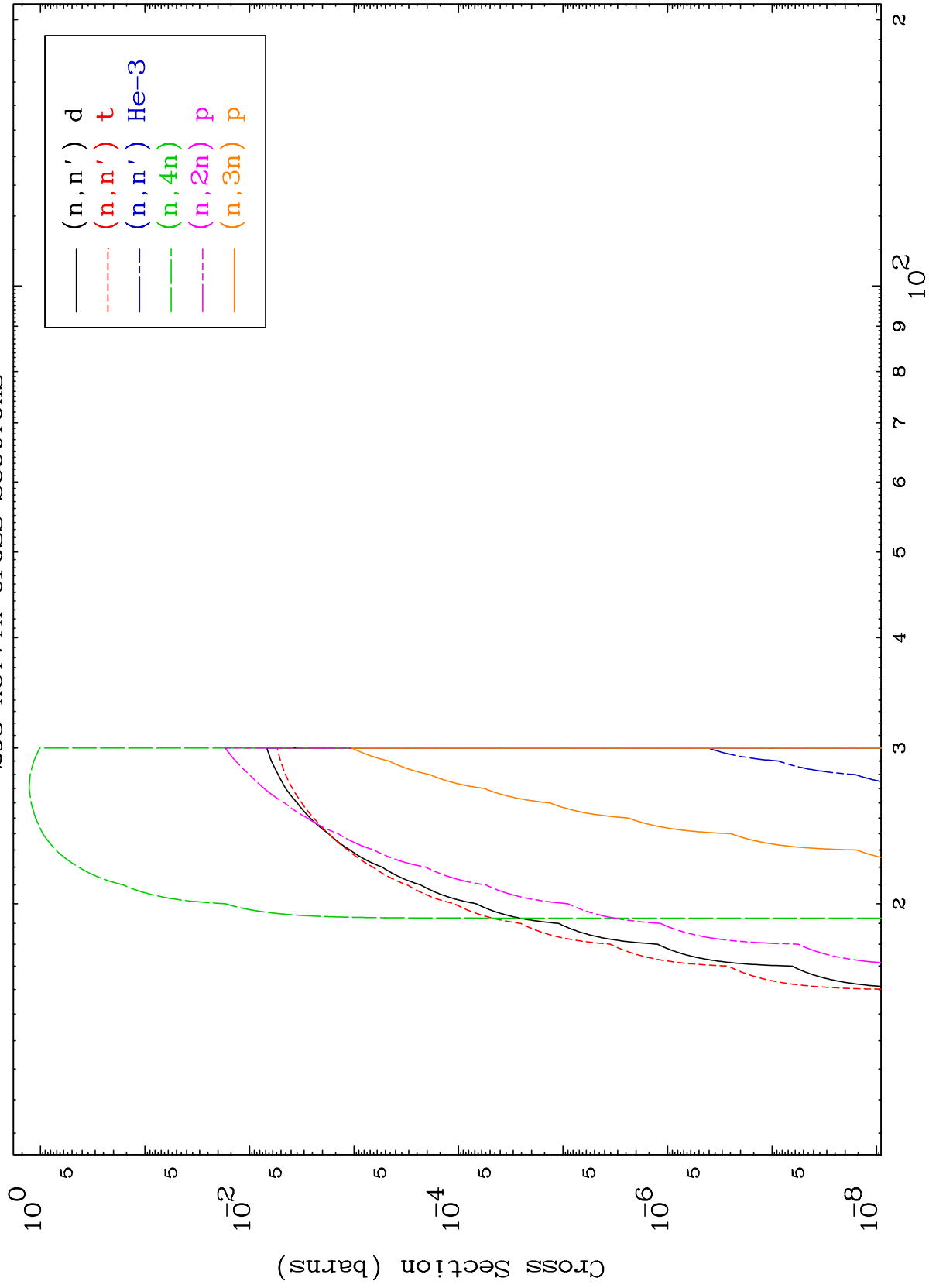
69-Tm-175



2

Incident Energy (MeV)

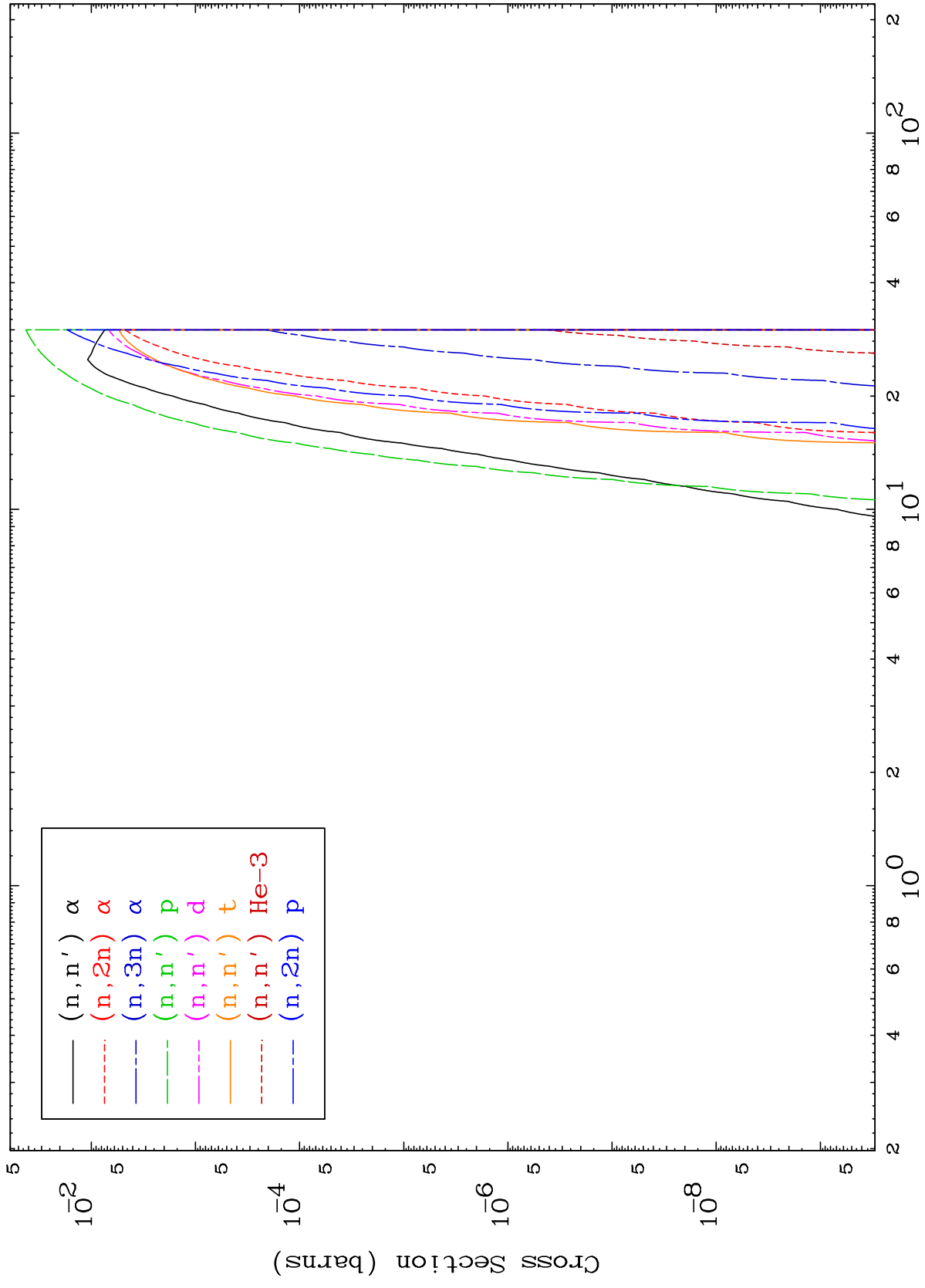
69-Tm-175



MAT 6943

293 Kelvin Cross Sections

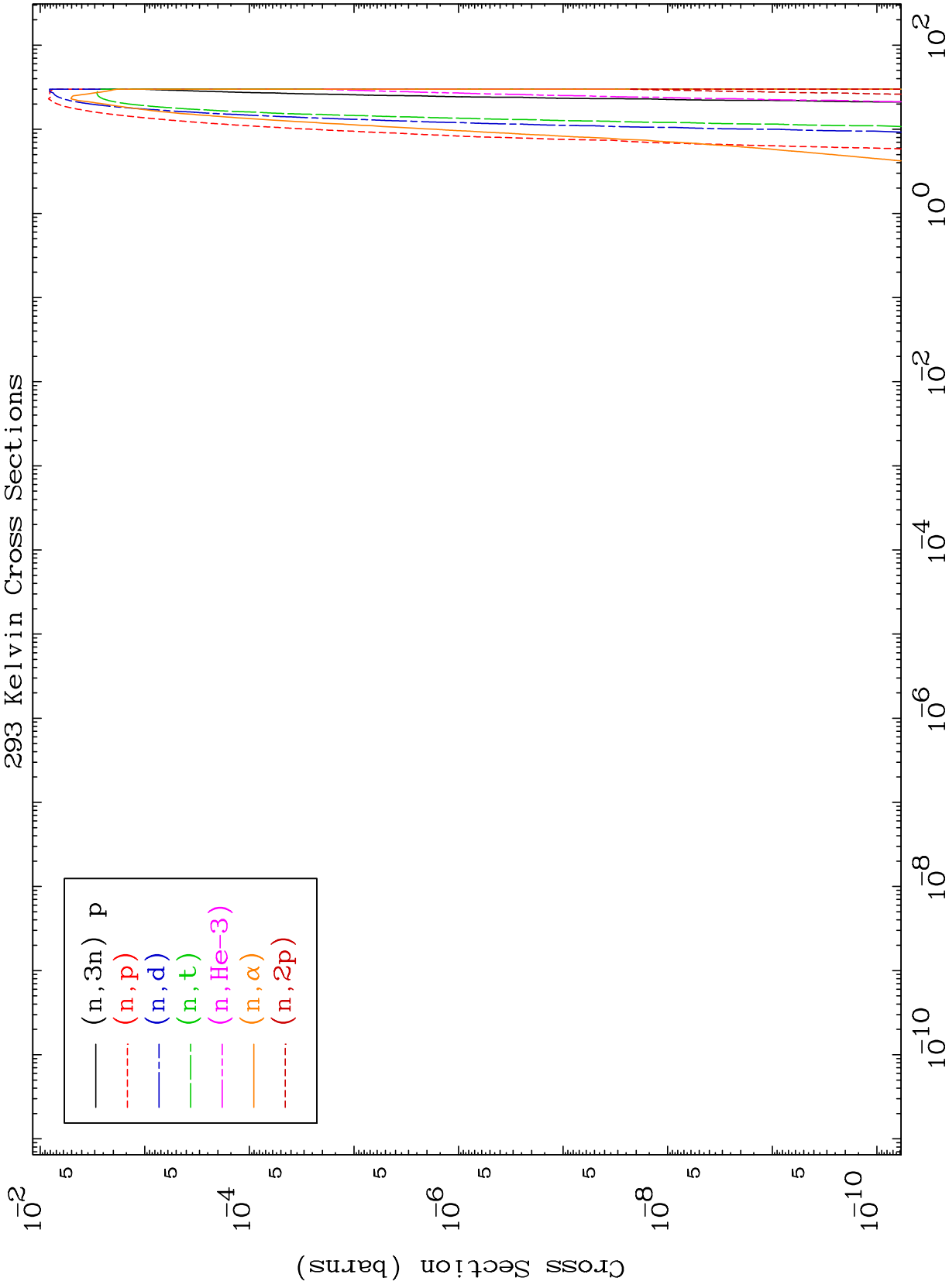
69-Tm-175



MAT 6943

293 Kelvin Cross Sections

69-Tm-175



5

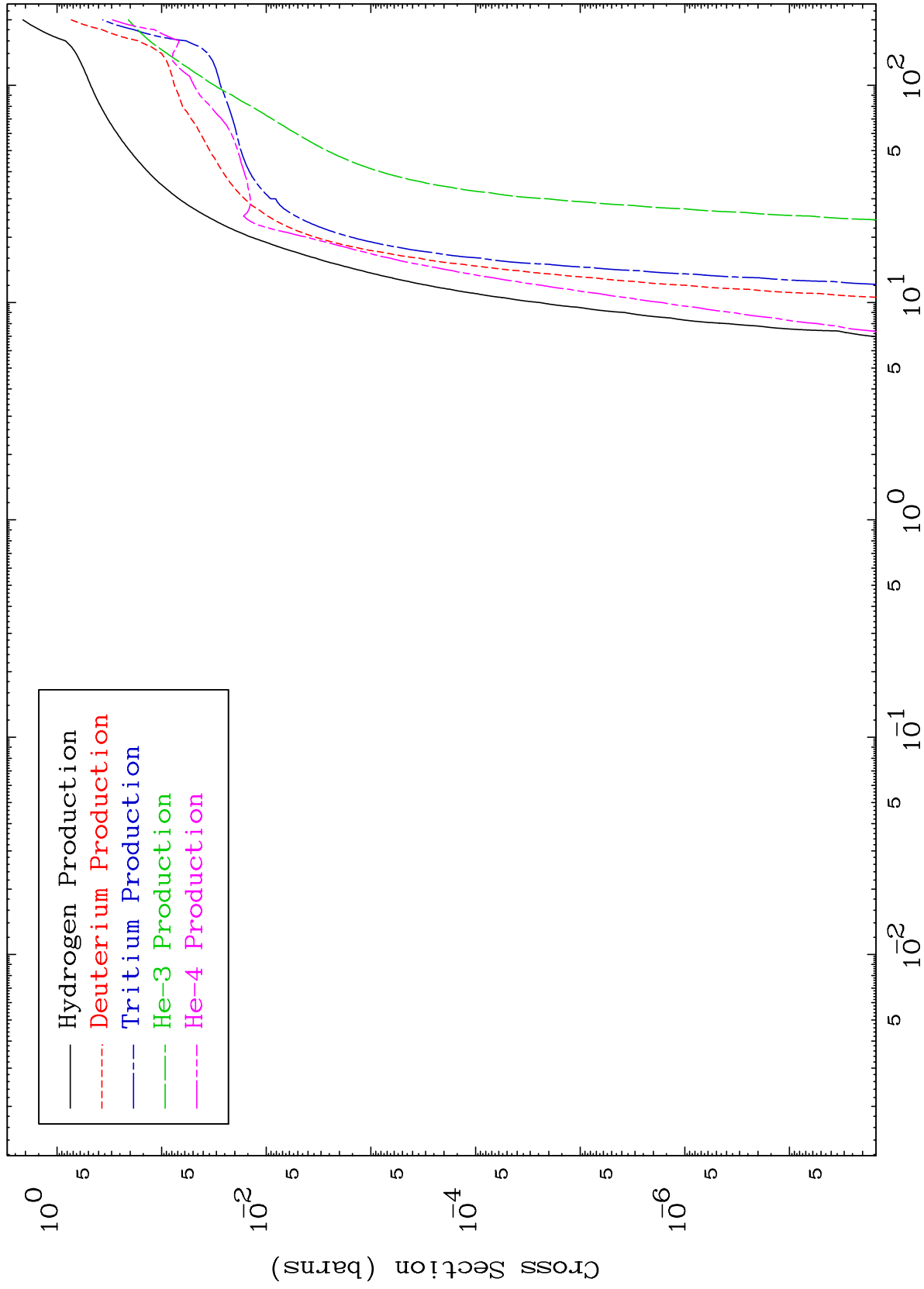
Incident Energy (MeV)

69-Tm-175

MAT 6943

Particle Production
293 Kelvin Cross Sections

69-Tm-175



6

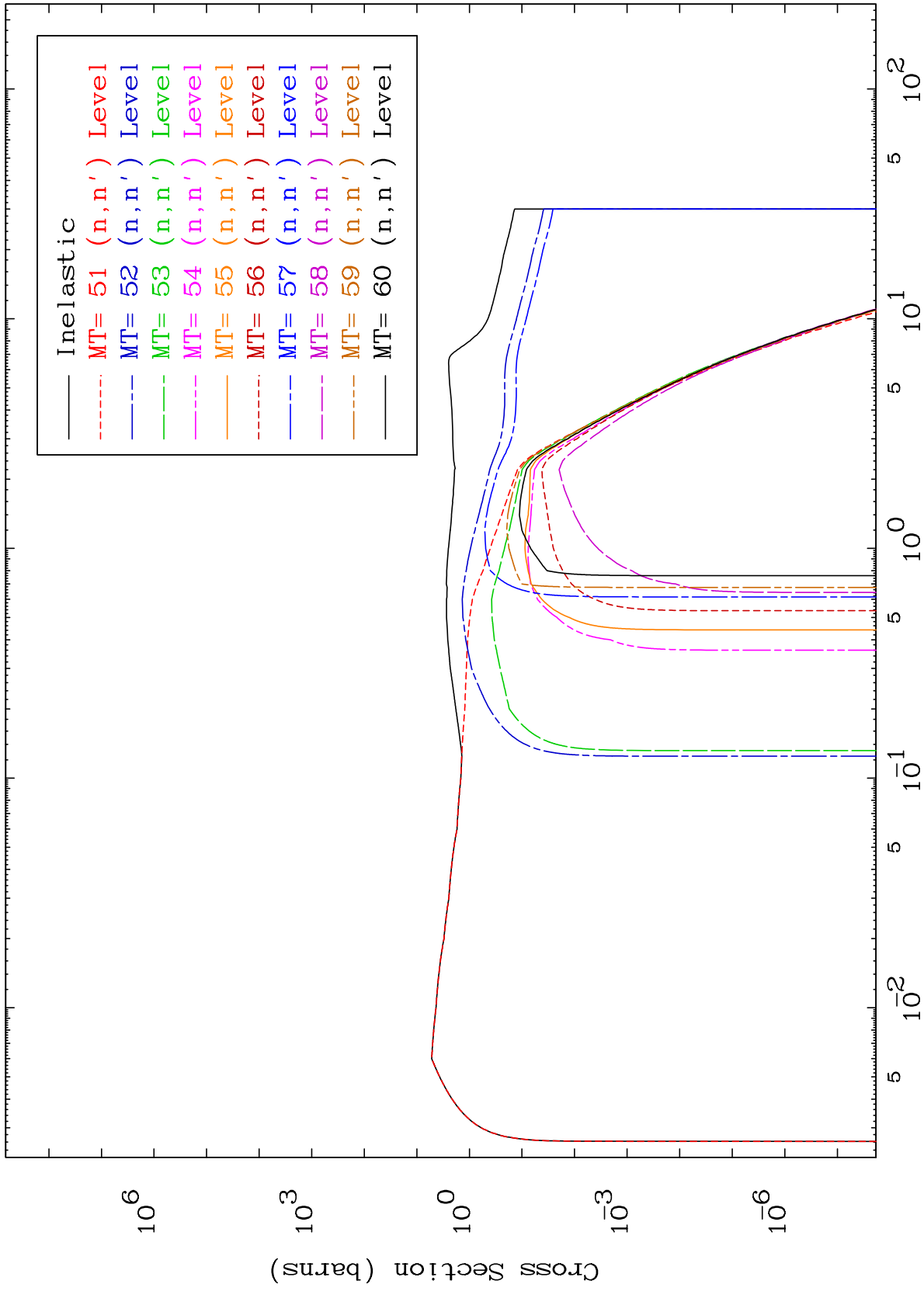
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,n') Level
293 Kelvin Cross Sections

69-Tm-175



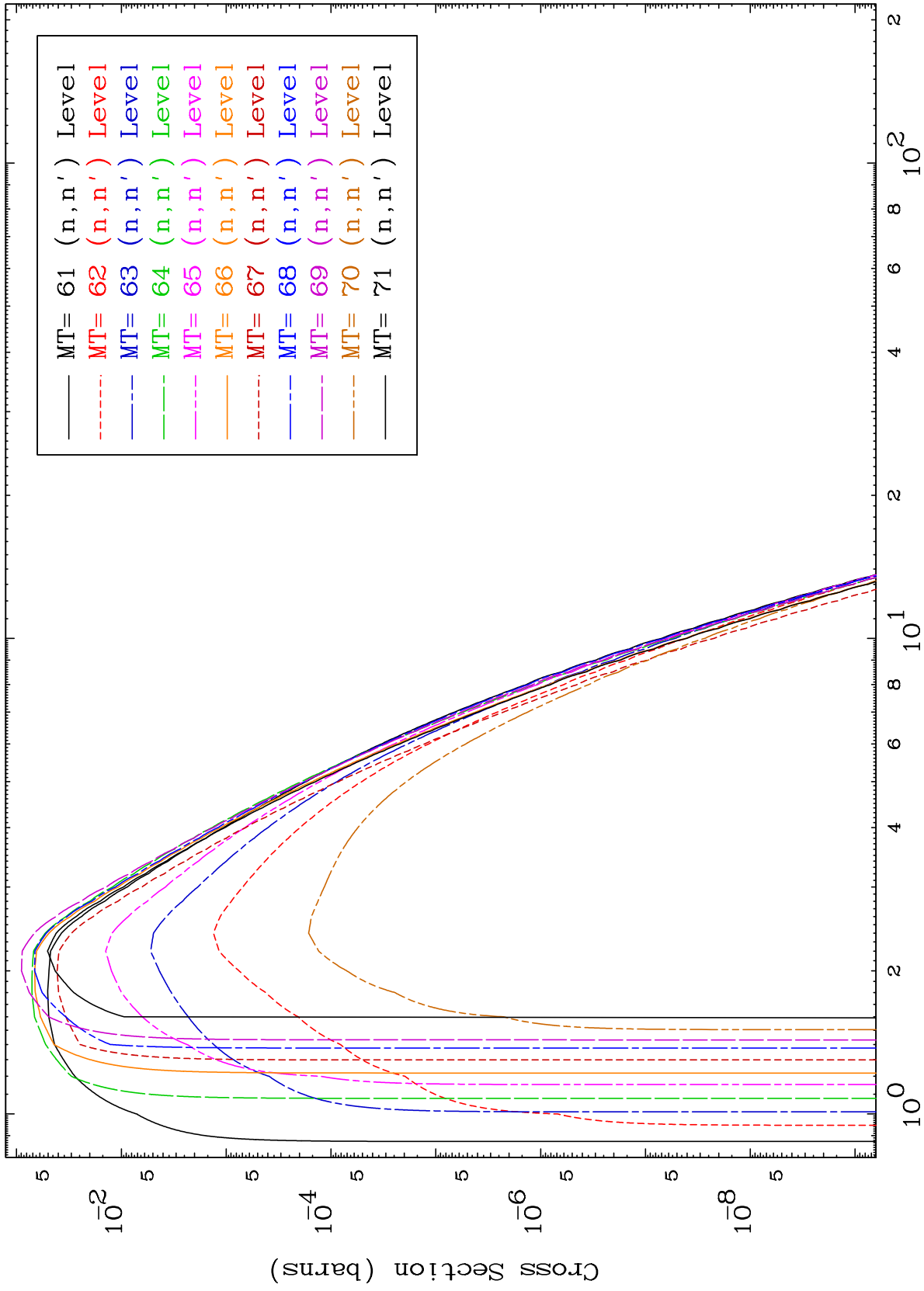
7

69-Tm-175

MAT 6943

(n,n') Level
293 Kelvin Cross Sections

69-Tm-175



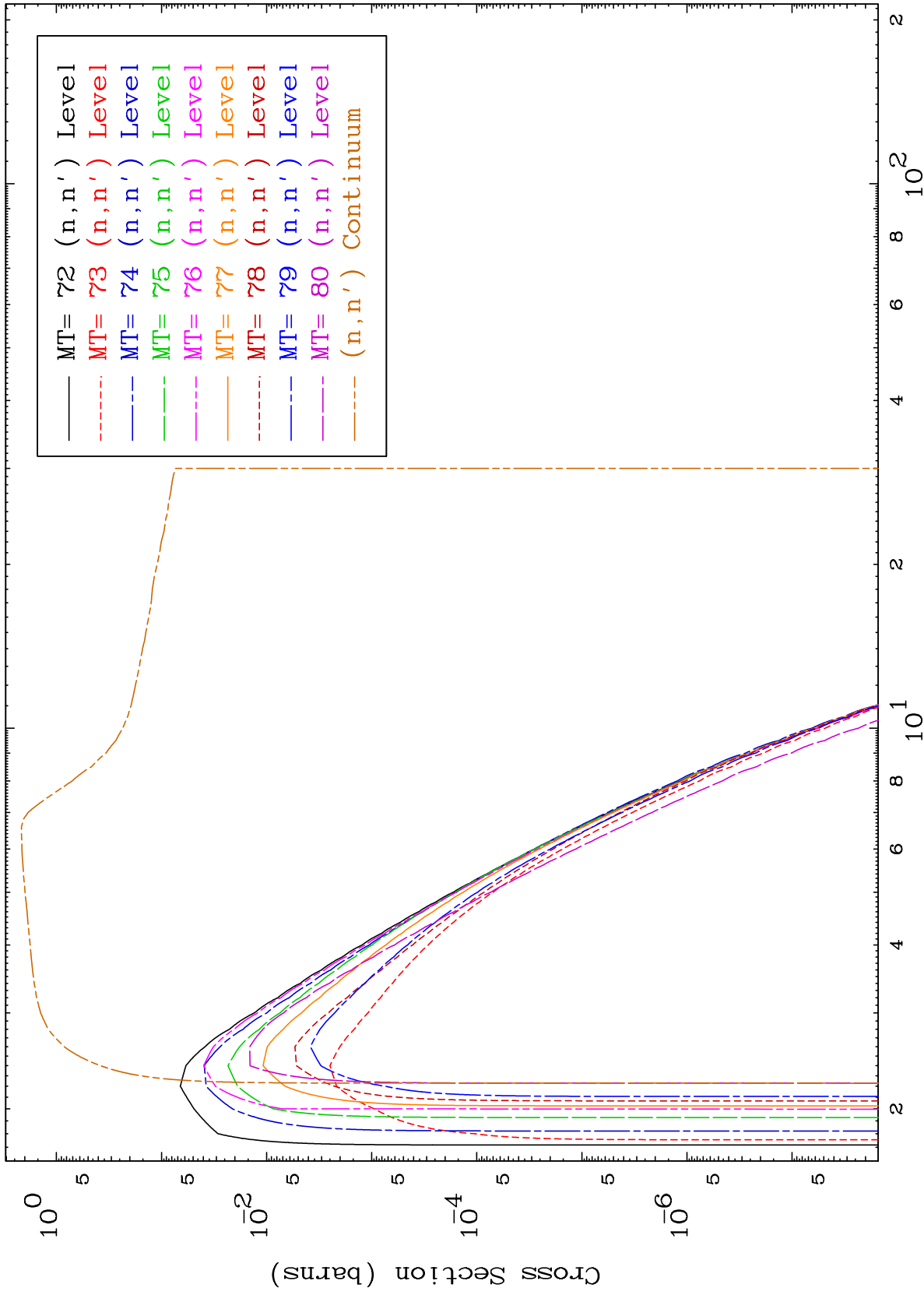
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,n') Level
293 Kelvin Cross Sections

69-Tm-175



9

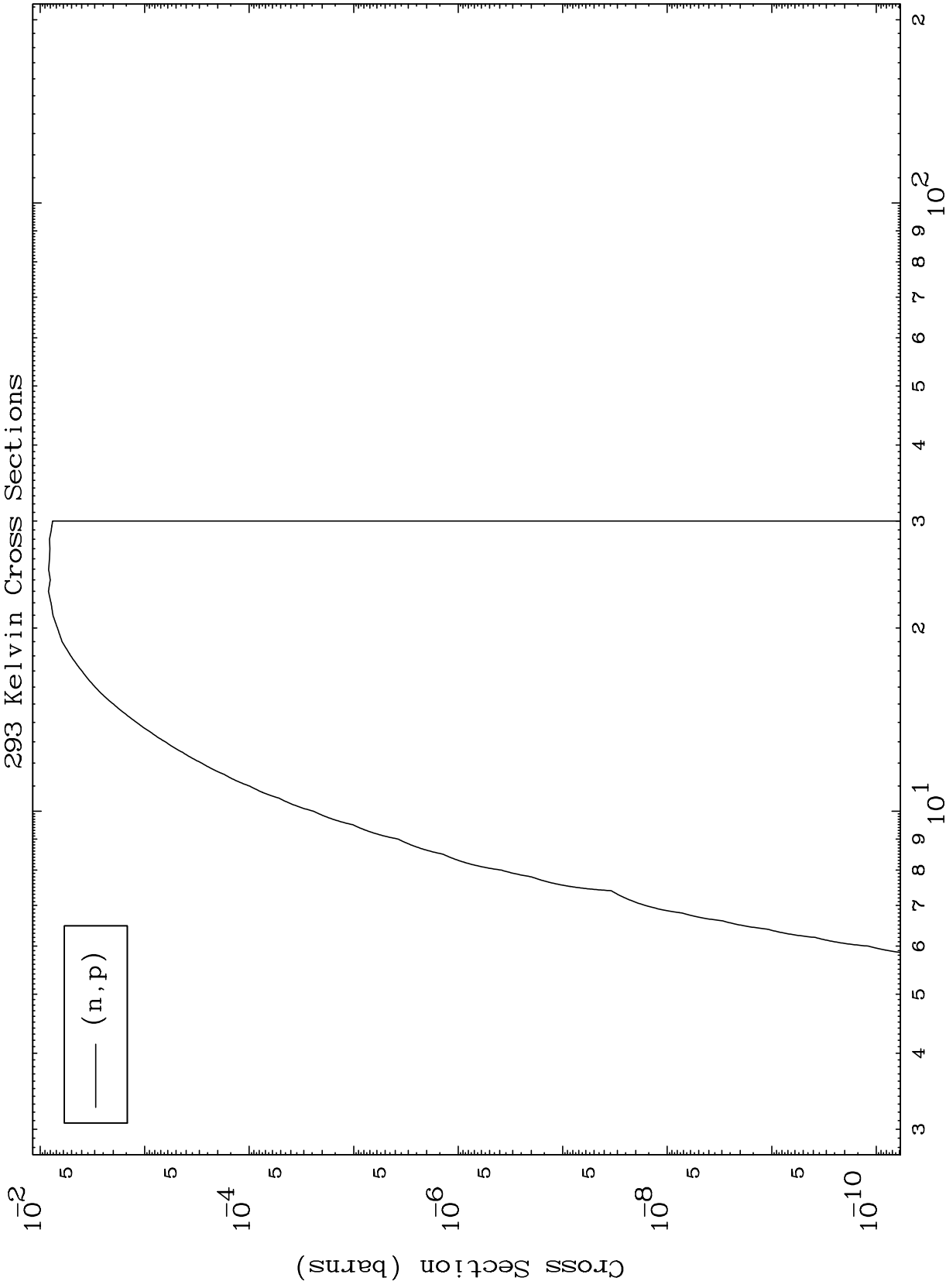
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-175



10

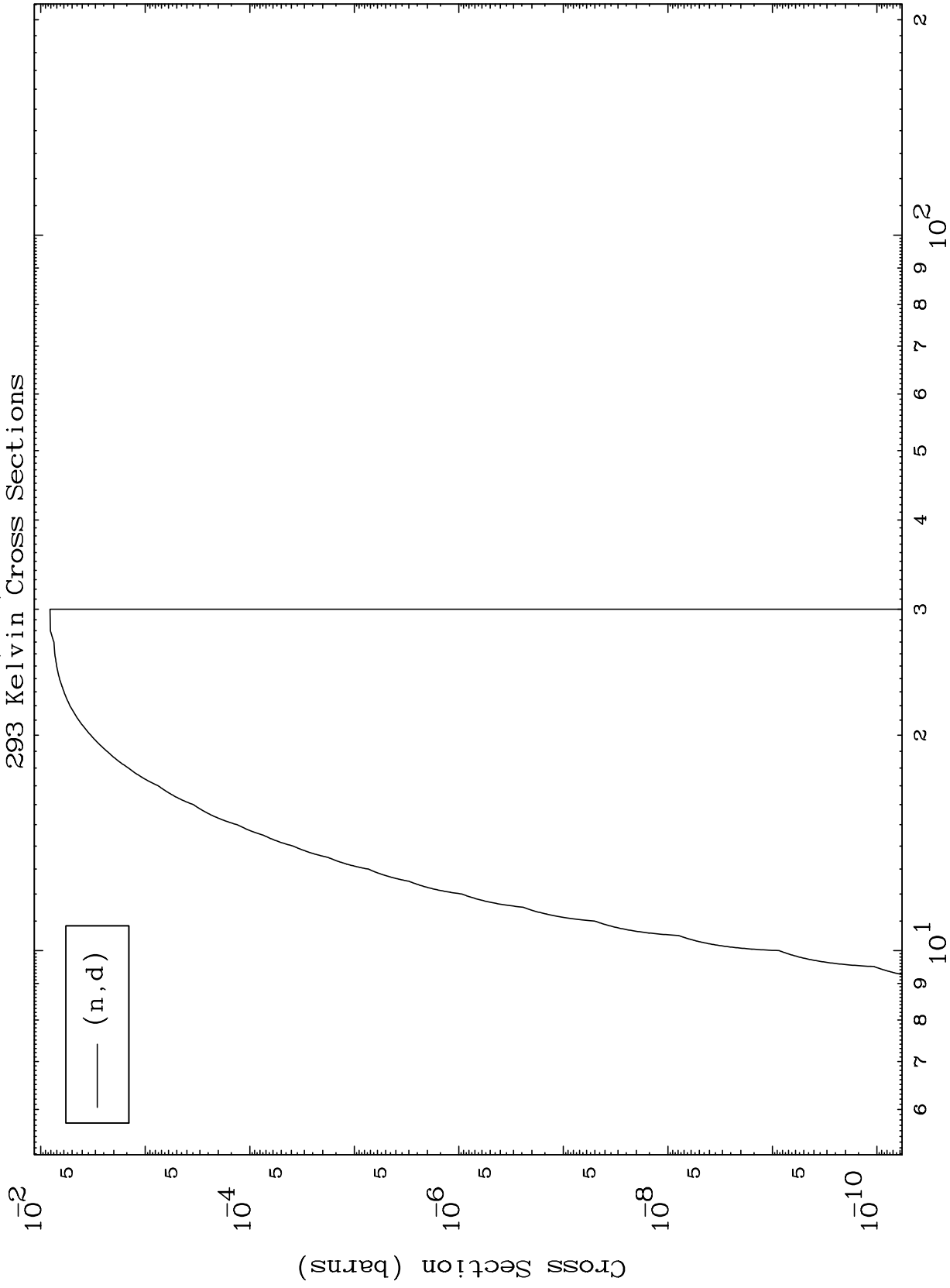
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-175



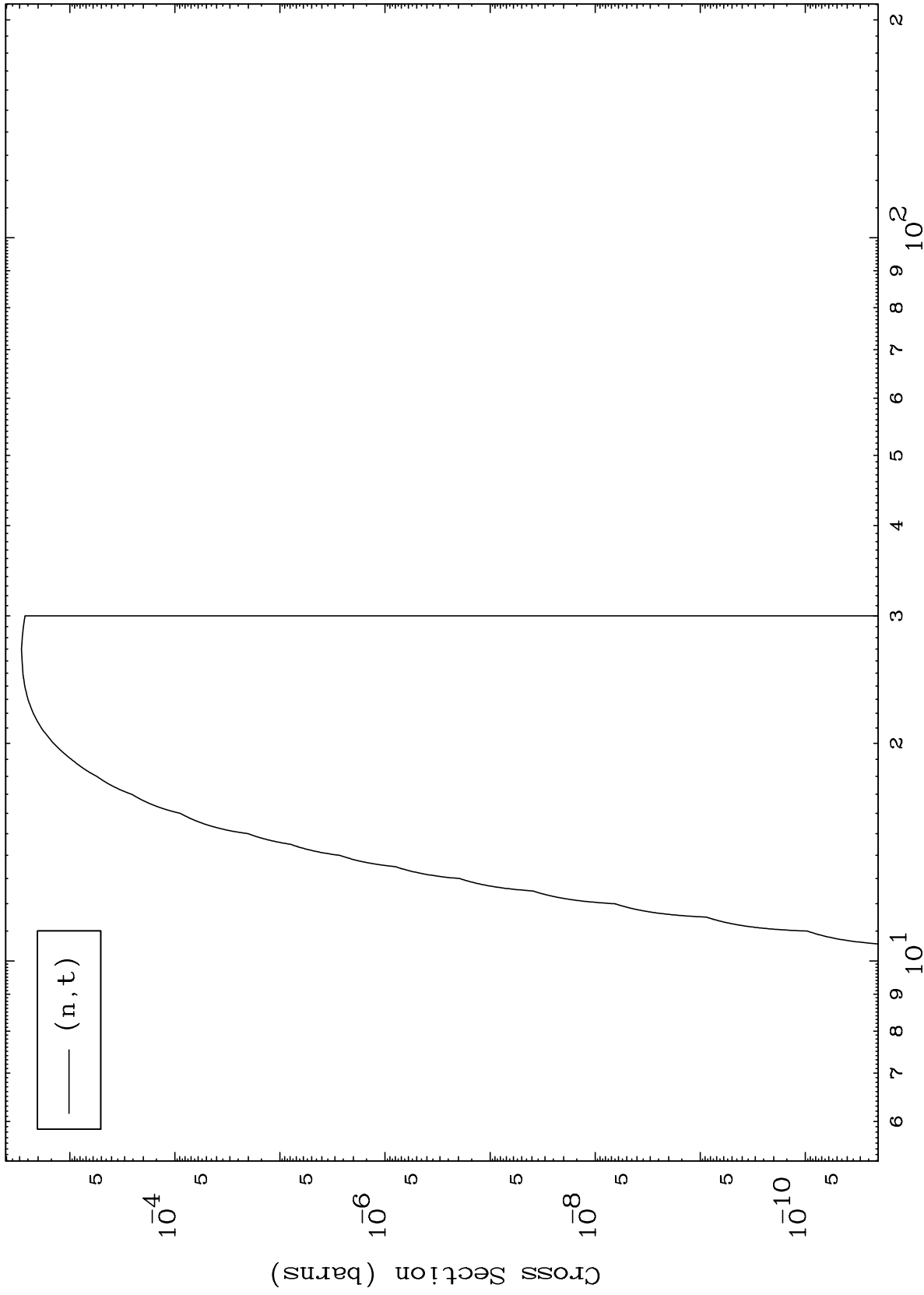
11

69-Tm-175

MAT 6943

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-175



12

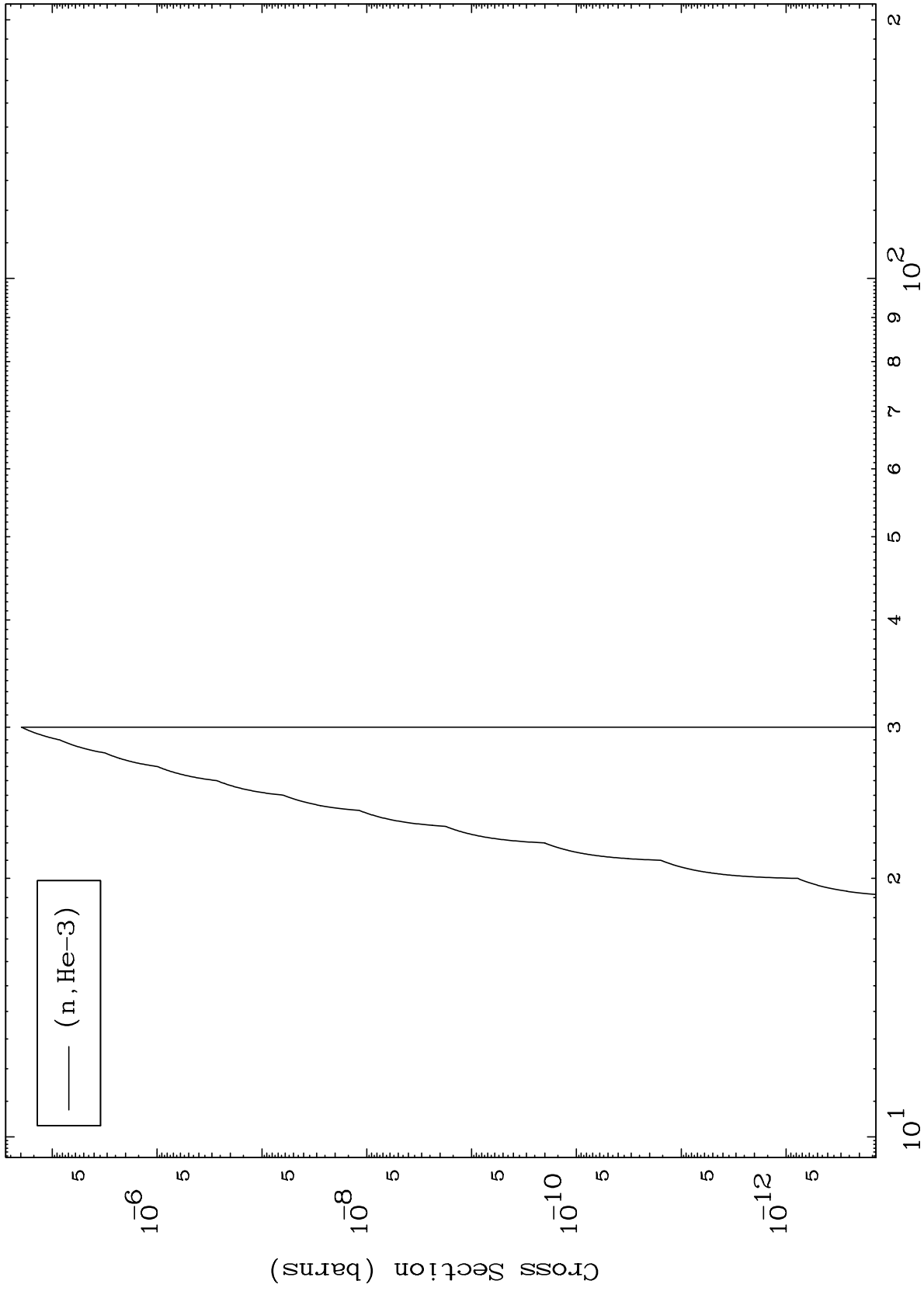
Incident Energy (MeV)

69-Tm-175

MAT 6943

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-175



13

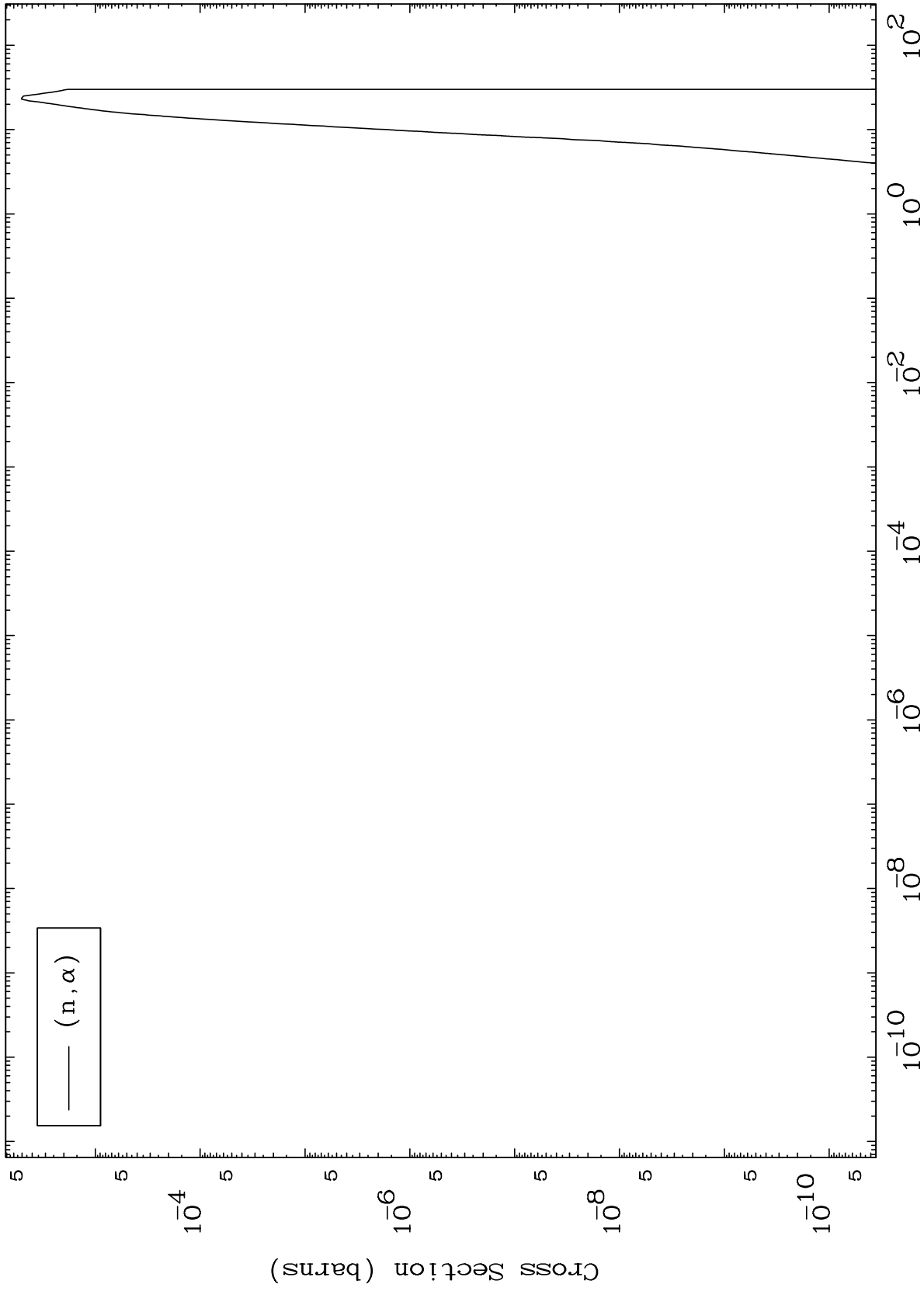
Incident Energy (MeV)

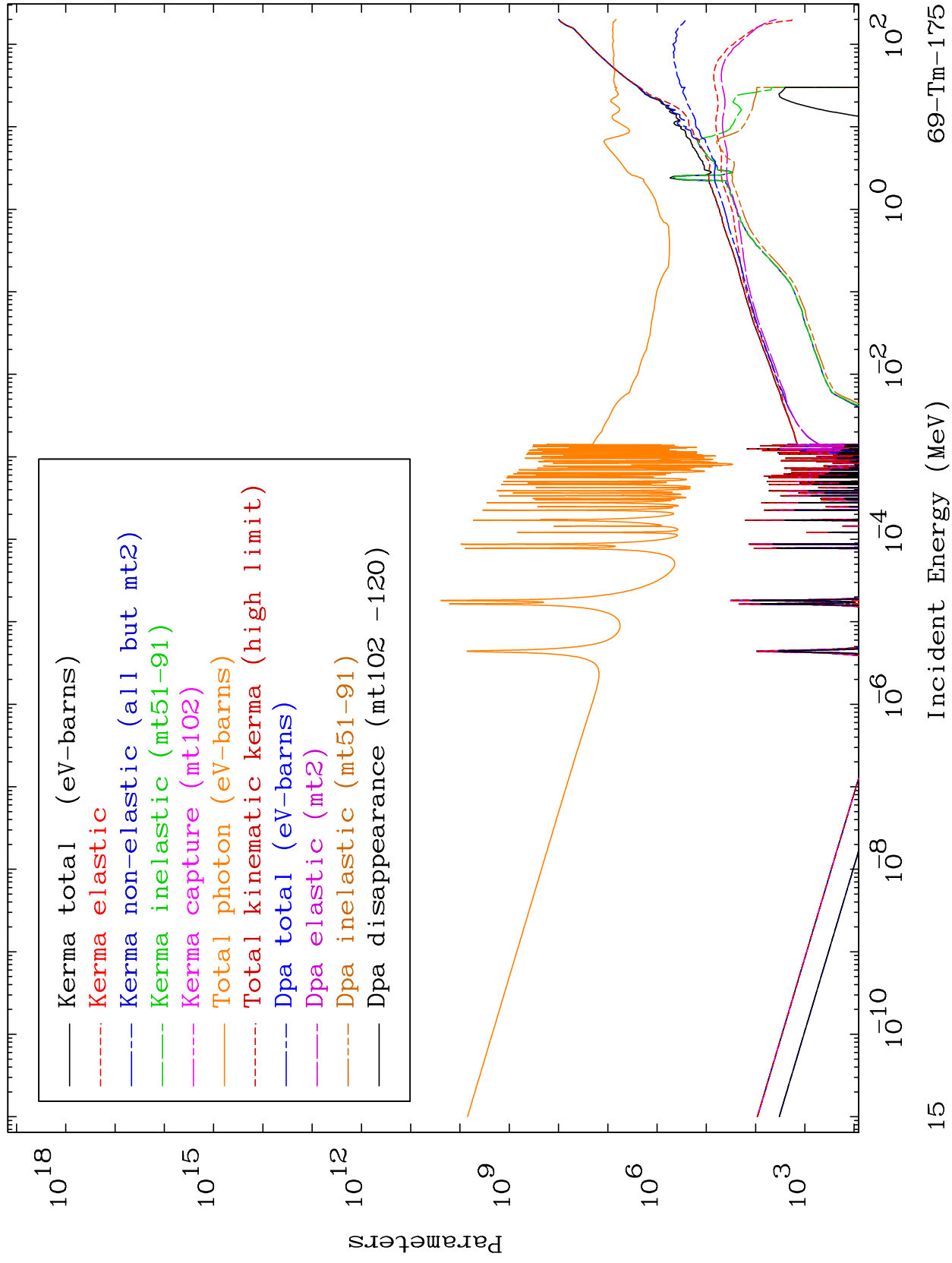
69-Tm-175

MAT 6943

(n,α) Levels
293 Kelvin Cross Sections

69-Tm-175

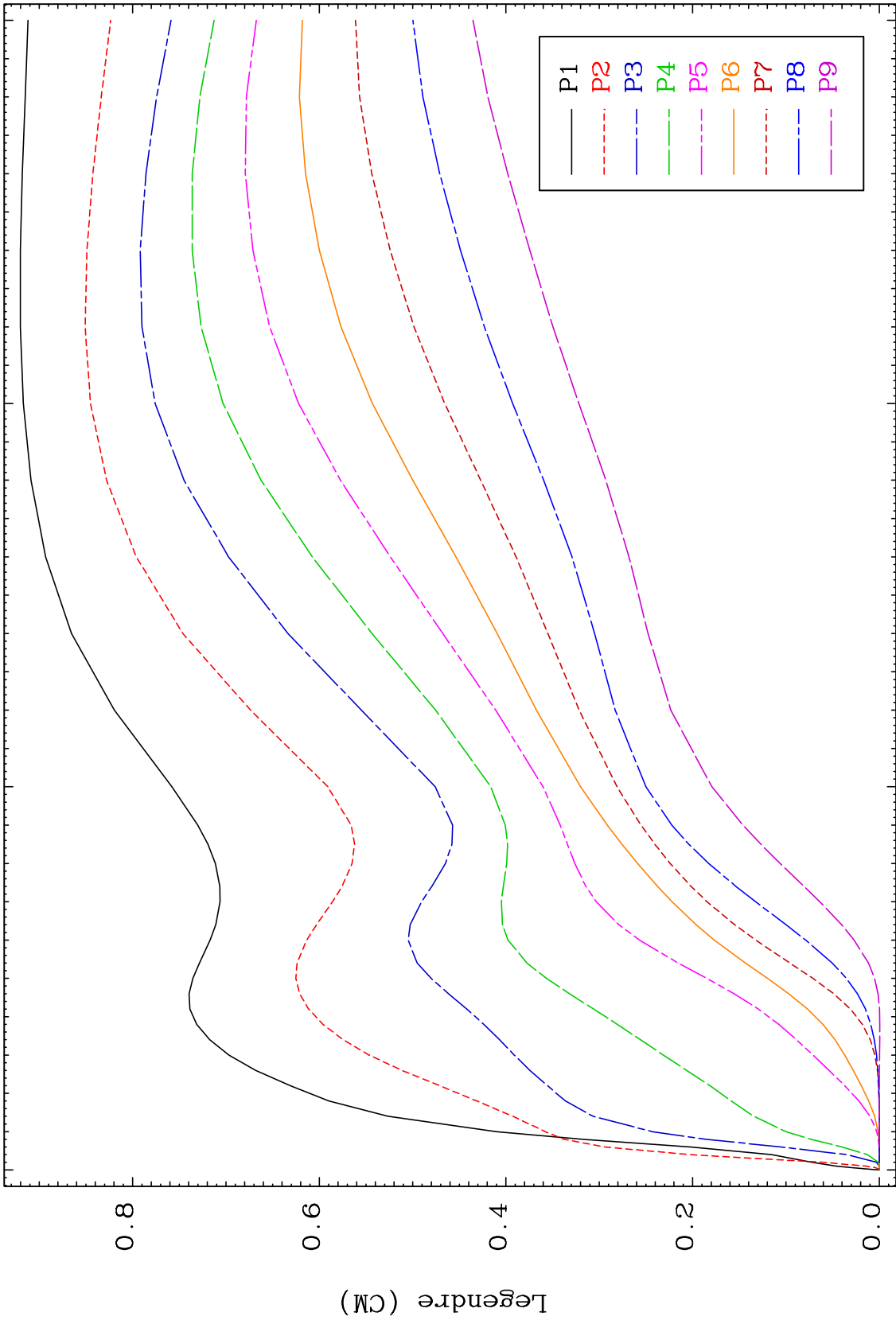




MAT 6943

Elastic Legendre Coefficients

69-Tm-175



0

16

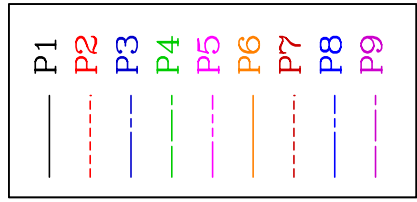
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20

30

Incident Energy (MeV)

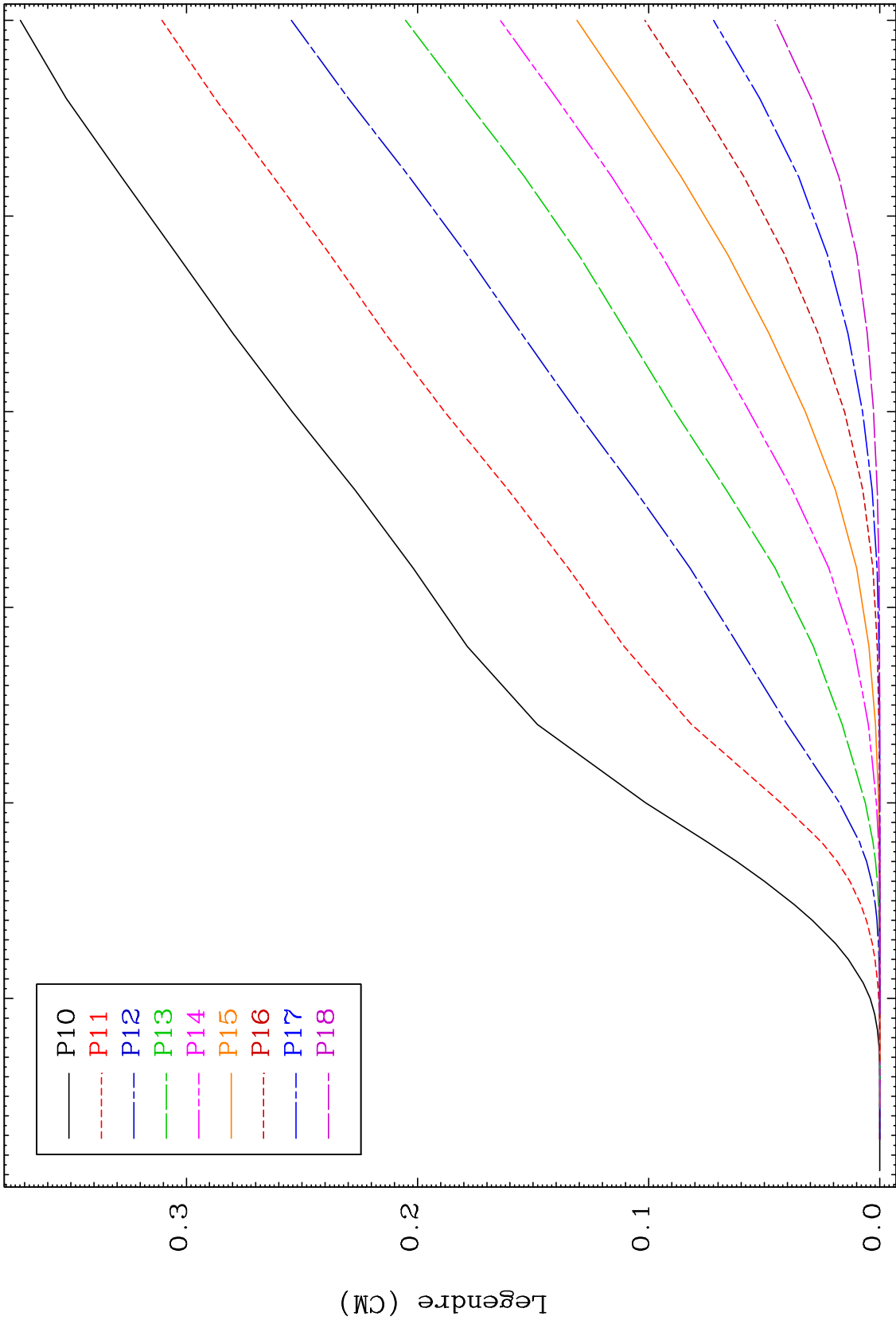
69-Tm-175



MAT 6943

Elastic Legendre Coefficients

69-Tm-175



17

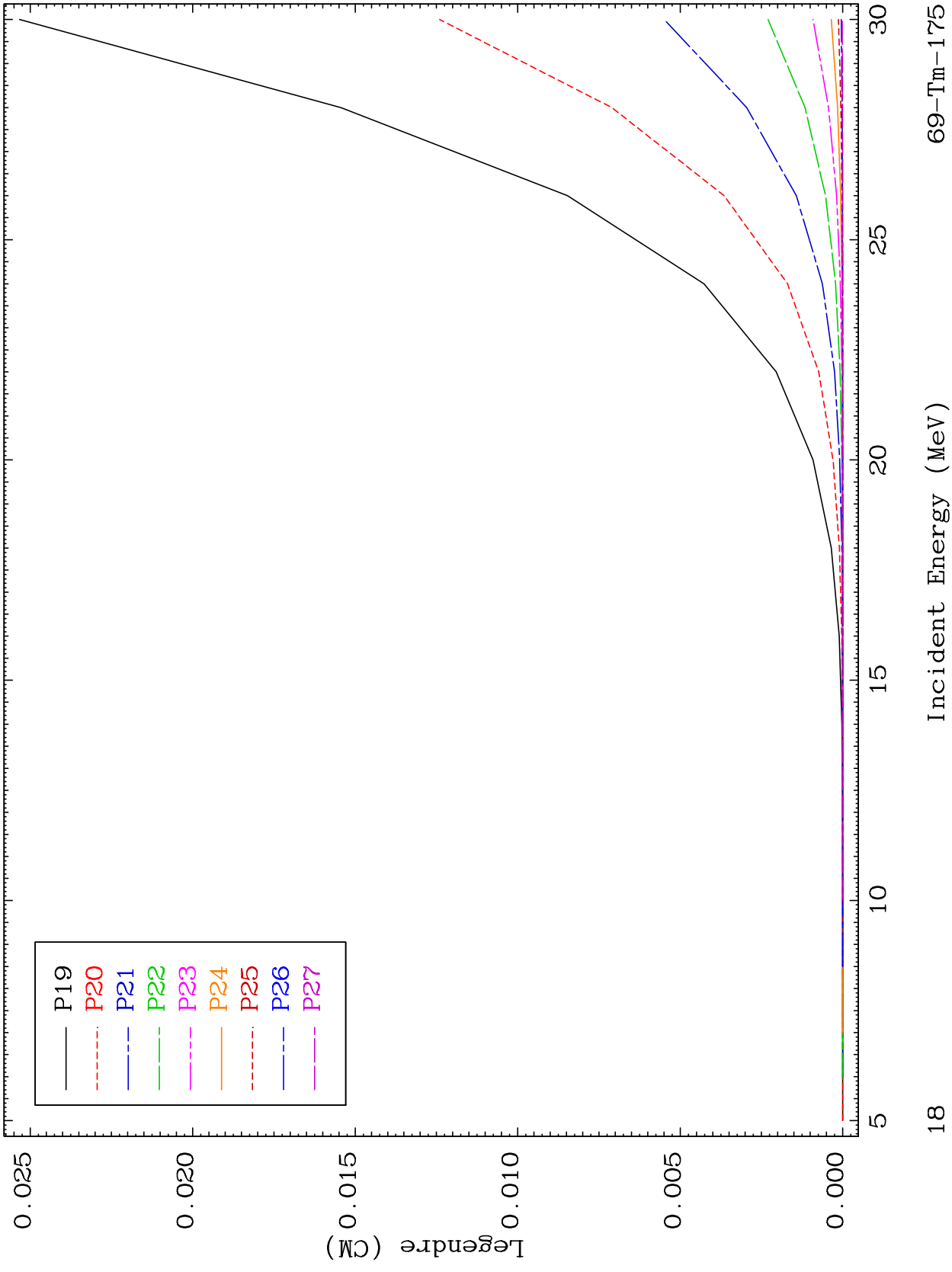
Incident Energy (MeV)

69-Tm-175

MAT 6943

Elastic Legendre Coefficients

69-Tm-175



18

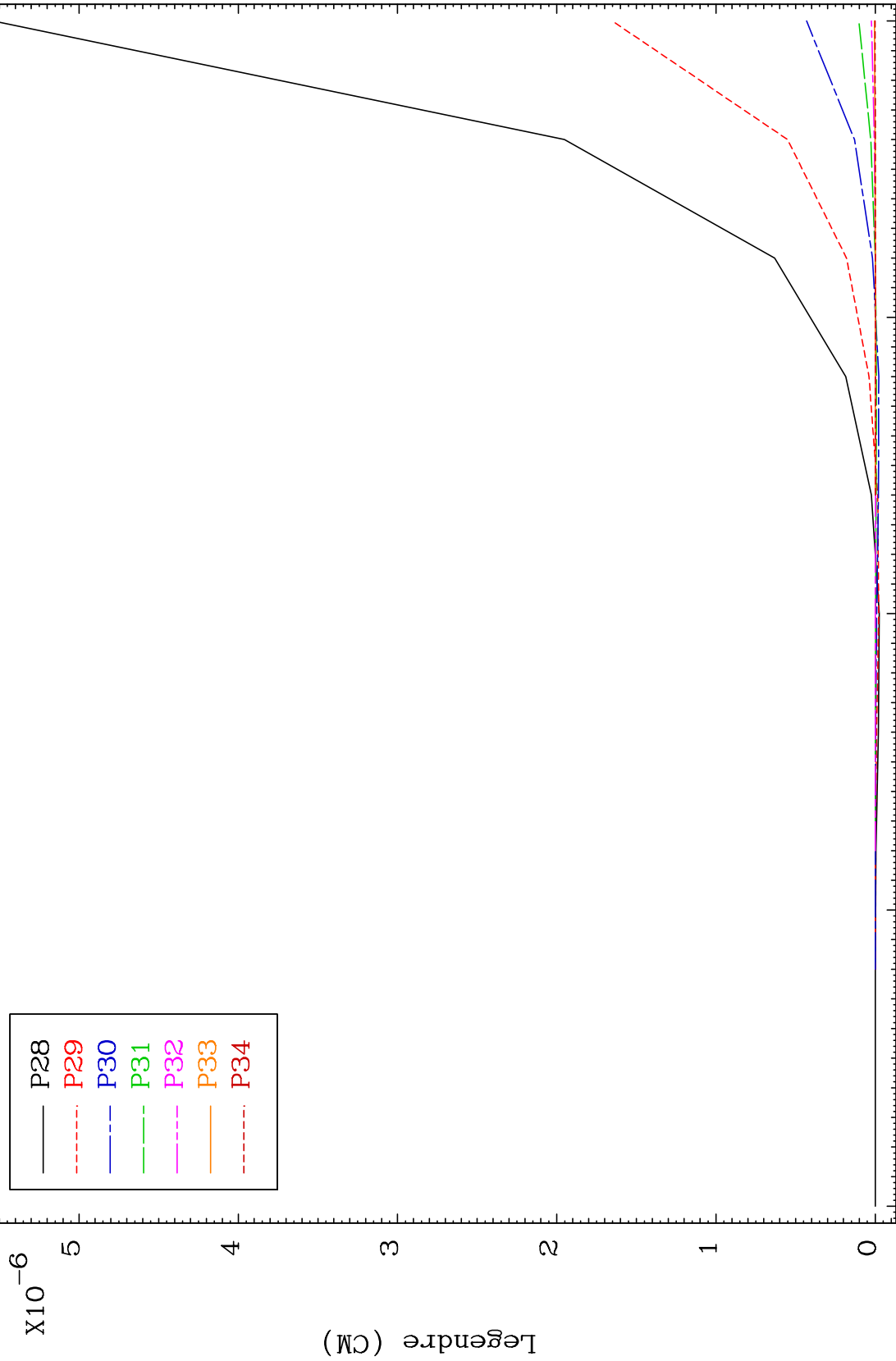
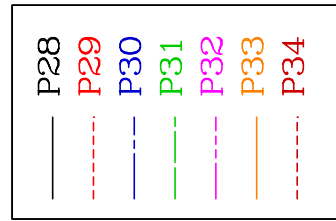
Incident Energy (MeV)

69-Tm-175

MAT 6943

Elastic Legendre Coefficients

69-Tm-175



19

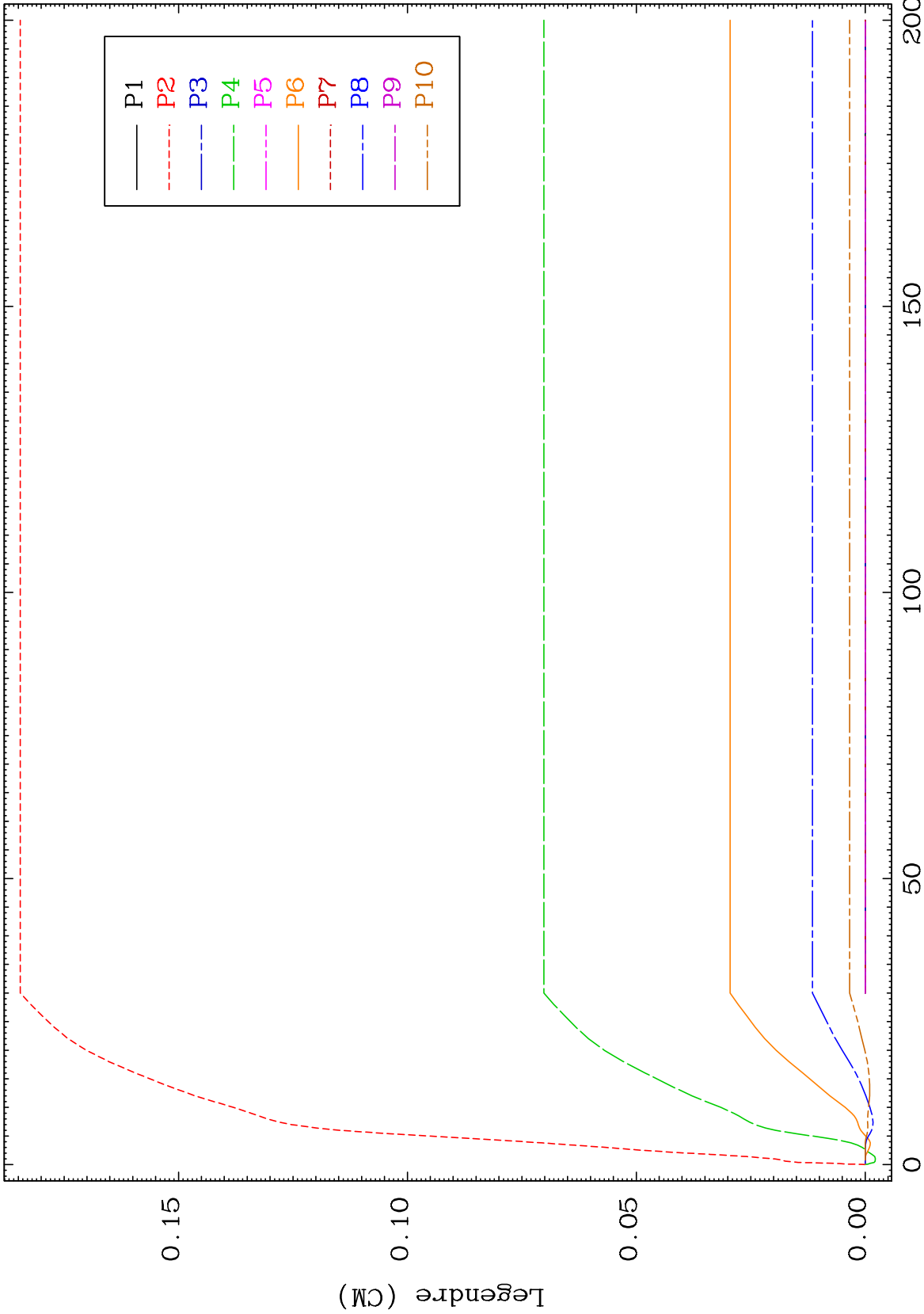
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



69-Tm-175

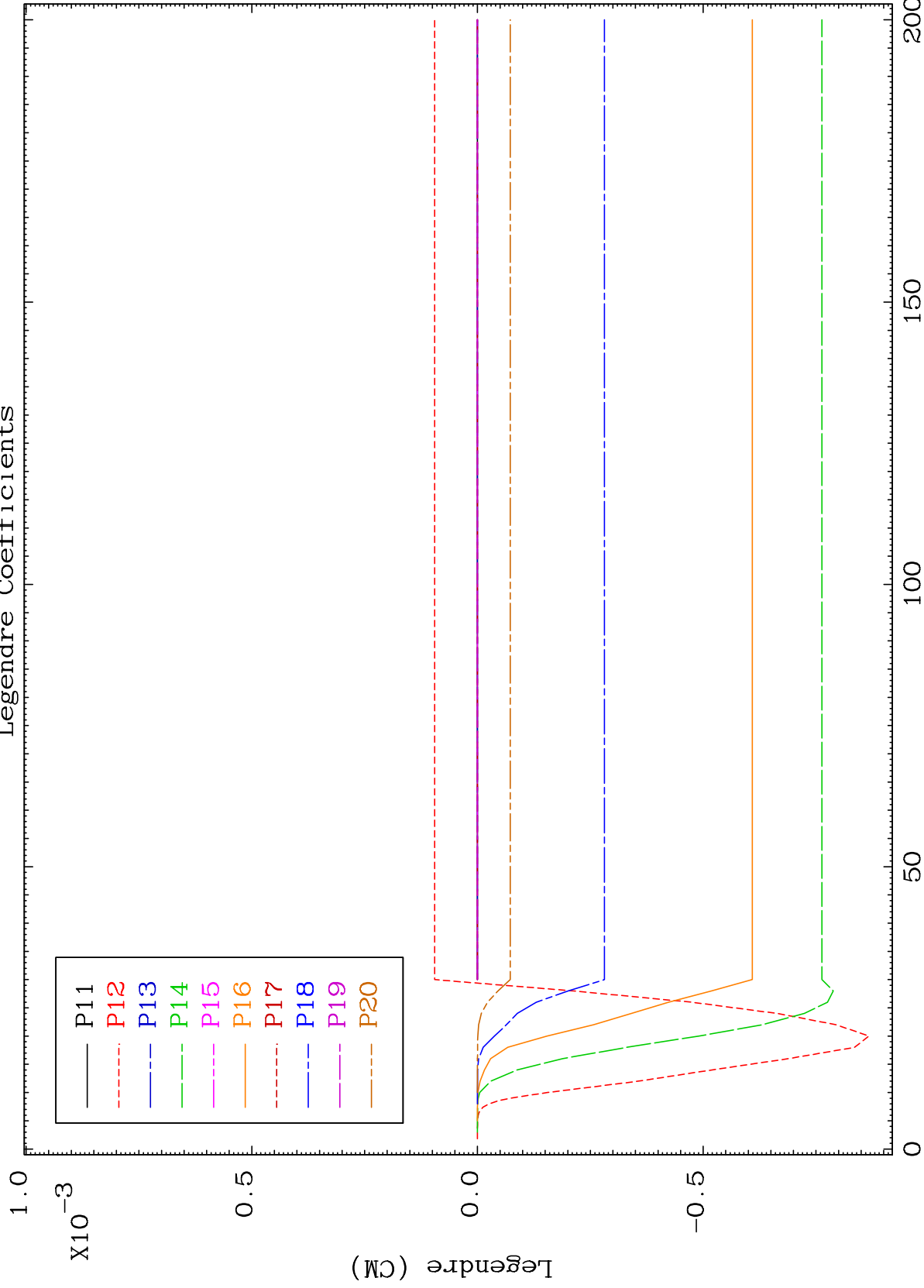
Incident Energy (MeV)

Legendre (CM)

MAT 6943

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

69-Tm-175



21

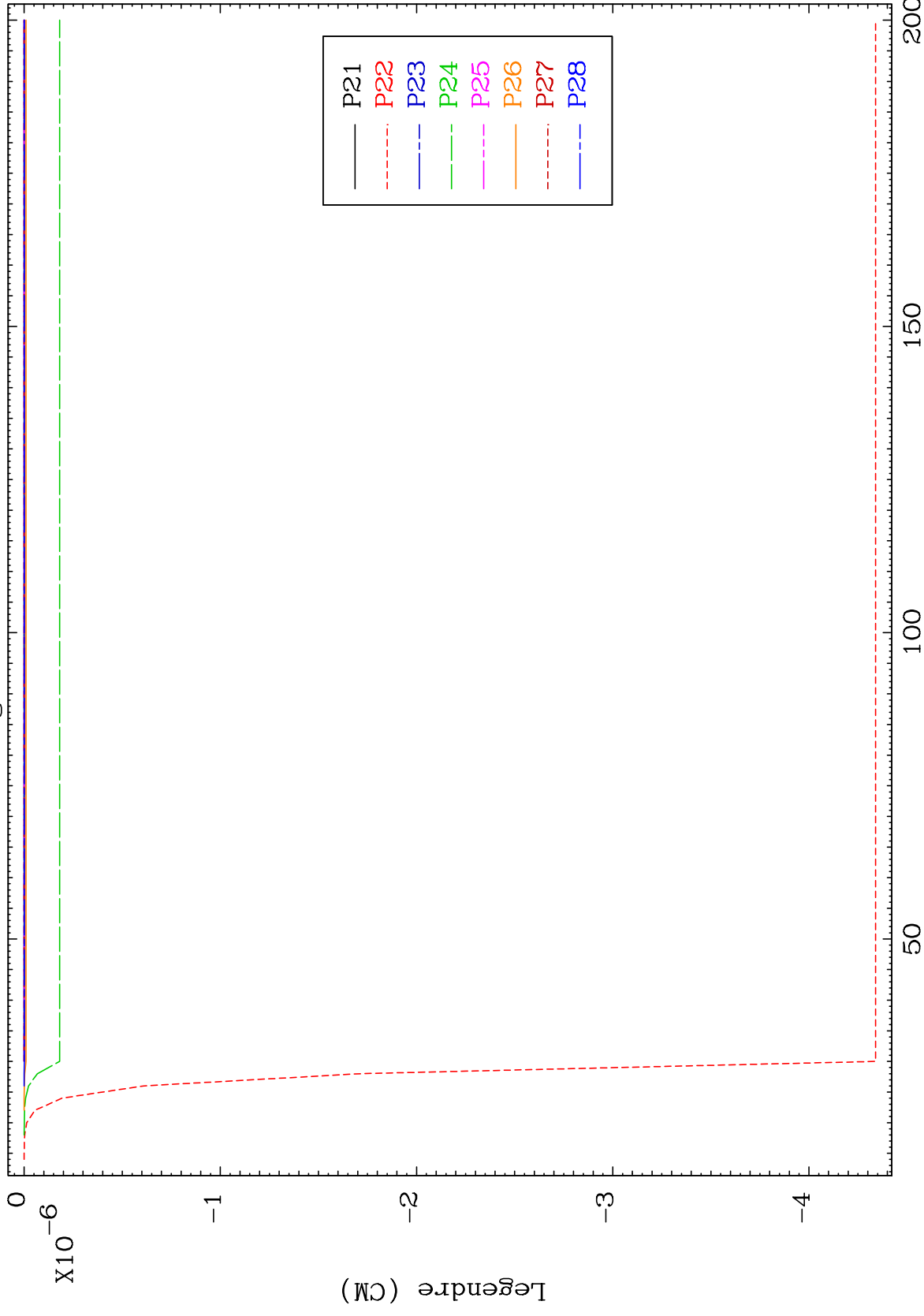
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



69-Tm-175

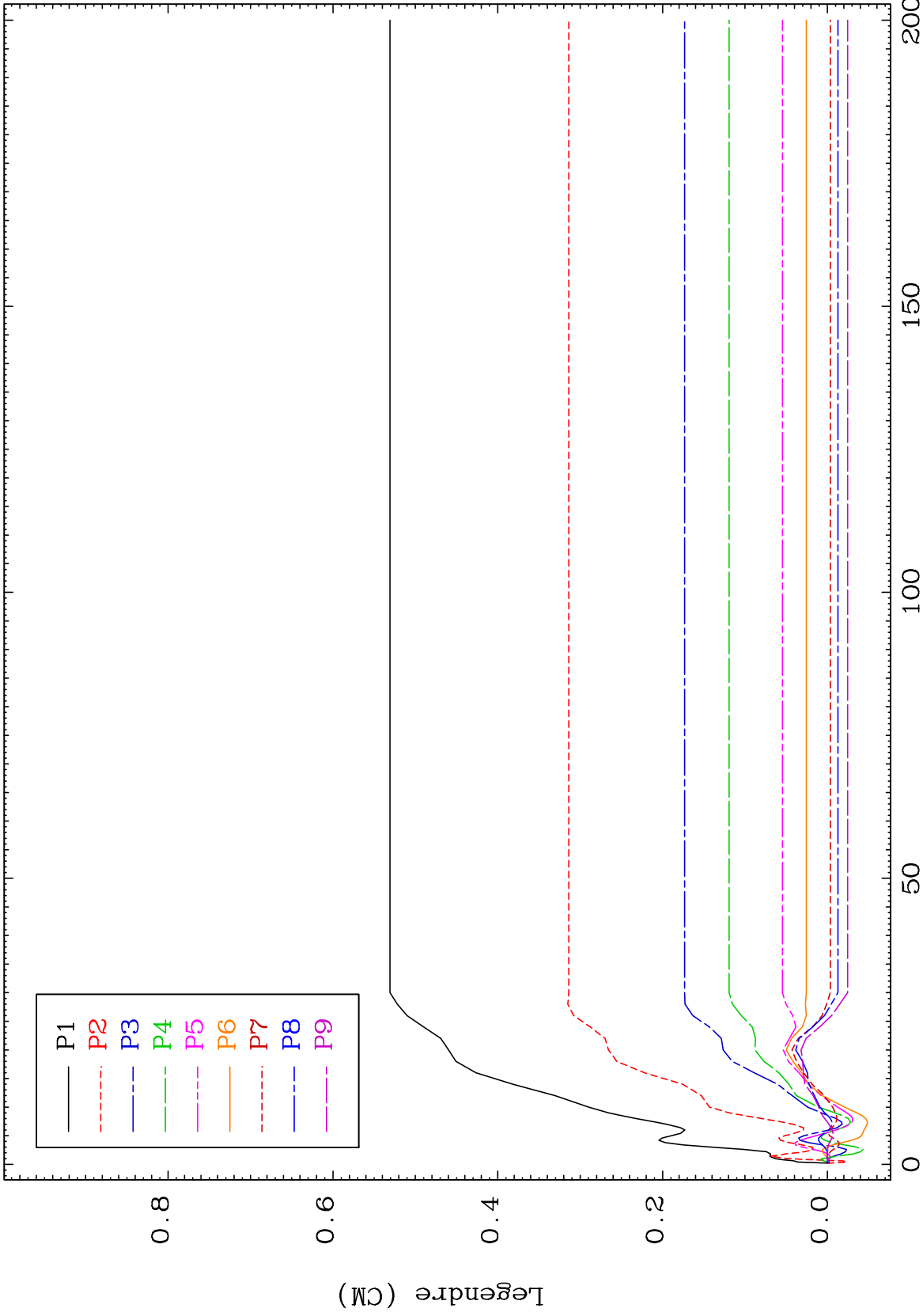
Incident Energy (MeV)

22

MAT 6943

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

69-Tm-175



23

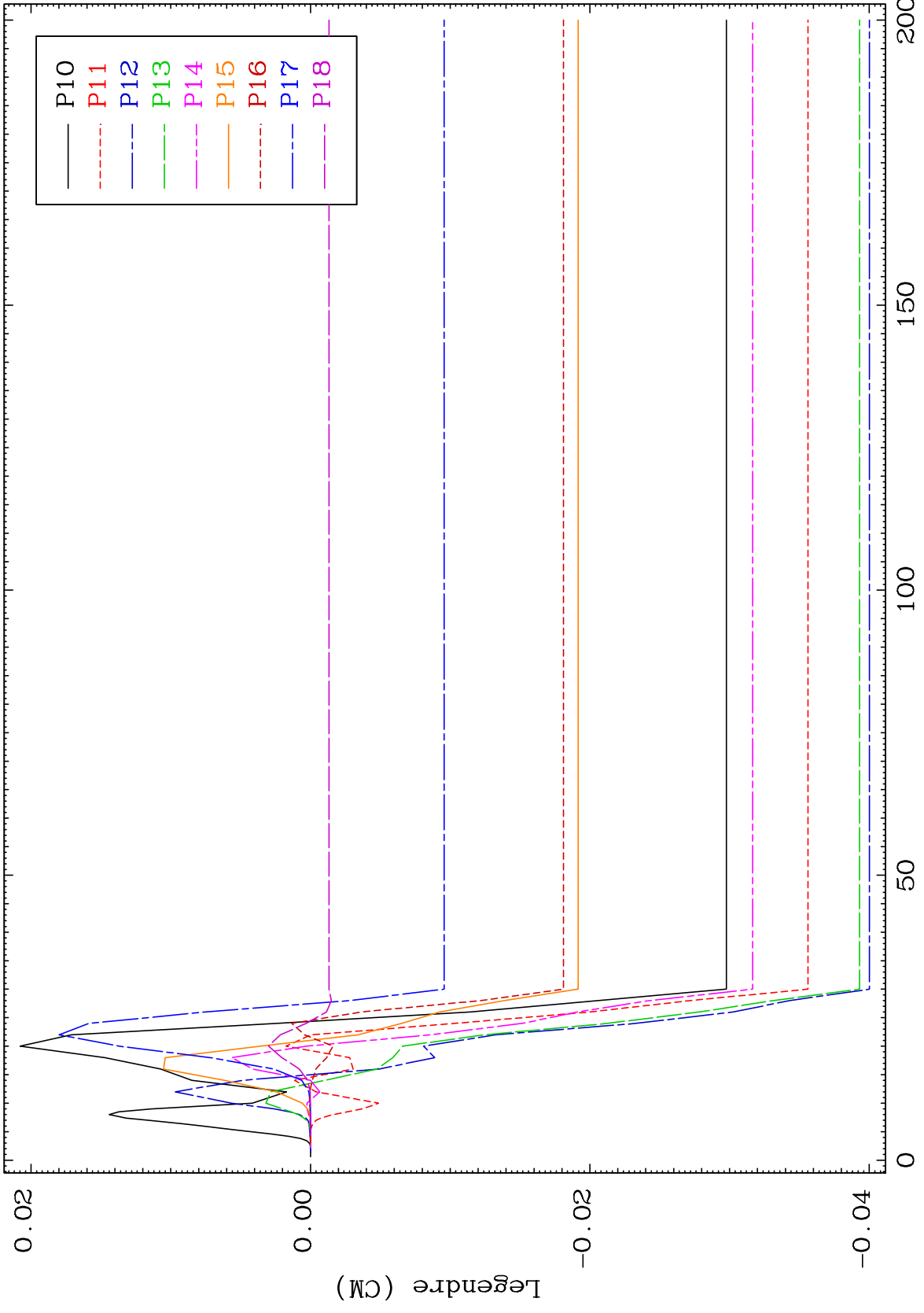
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



24

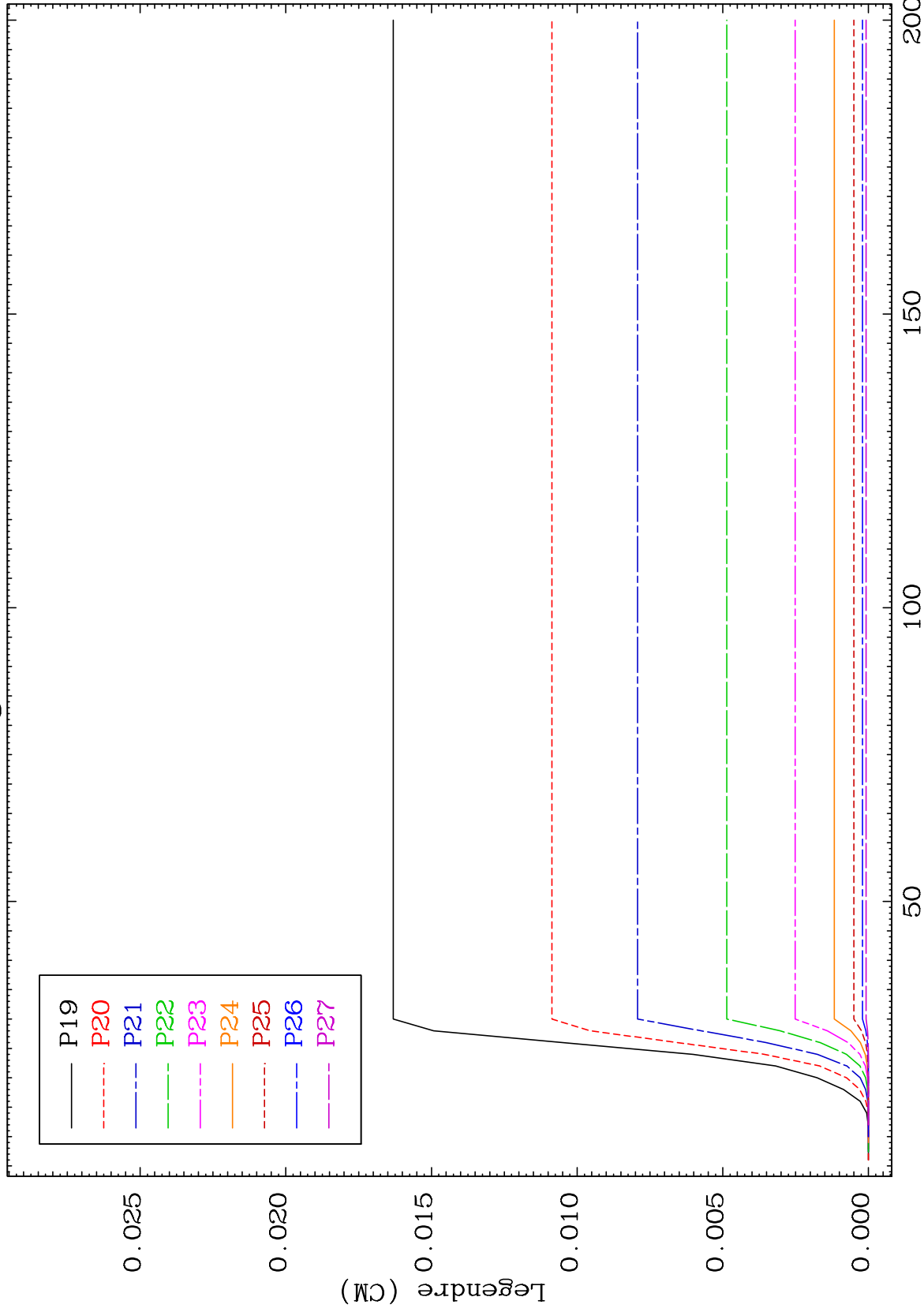
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



25

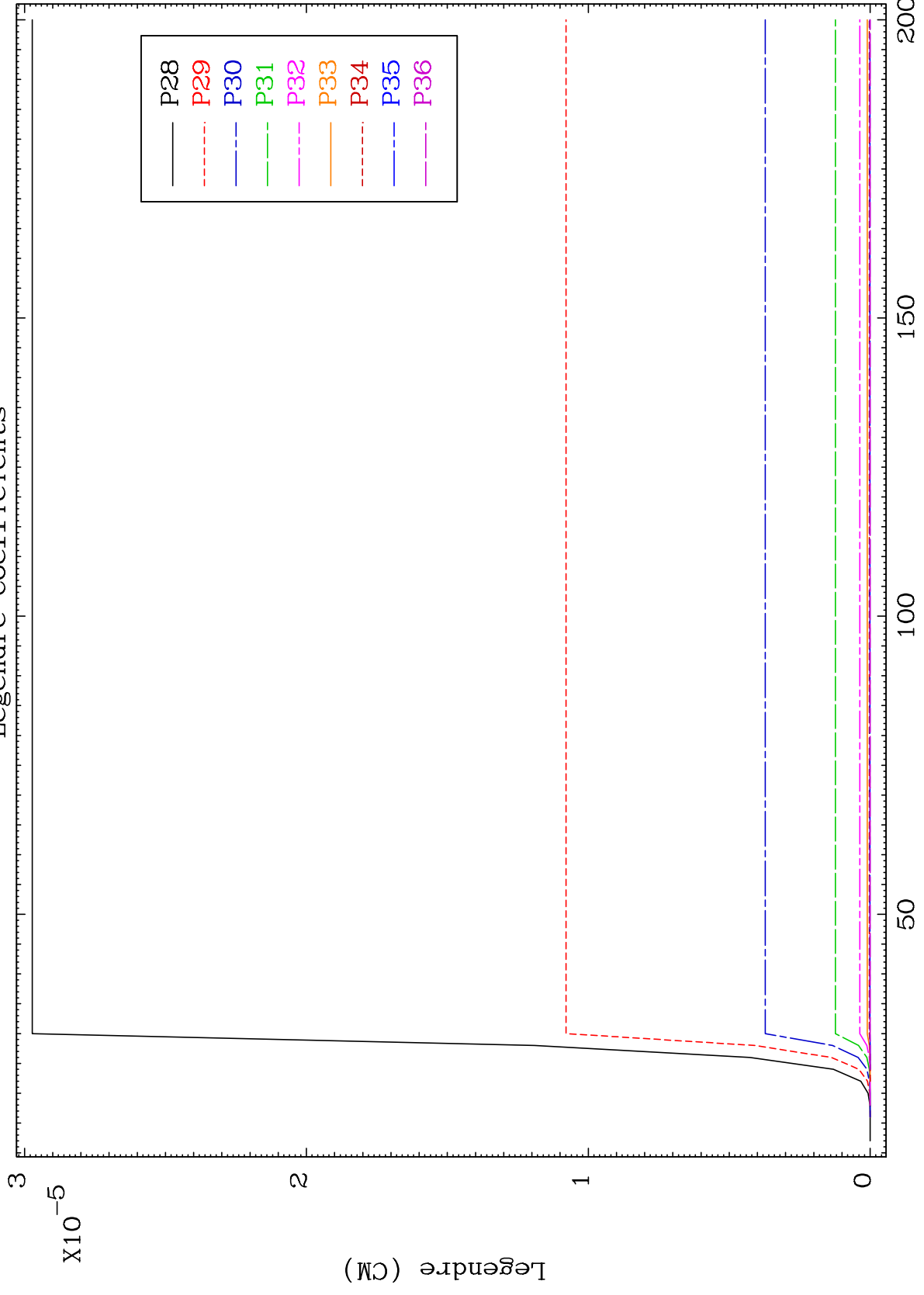
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



26

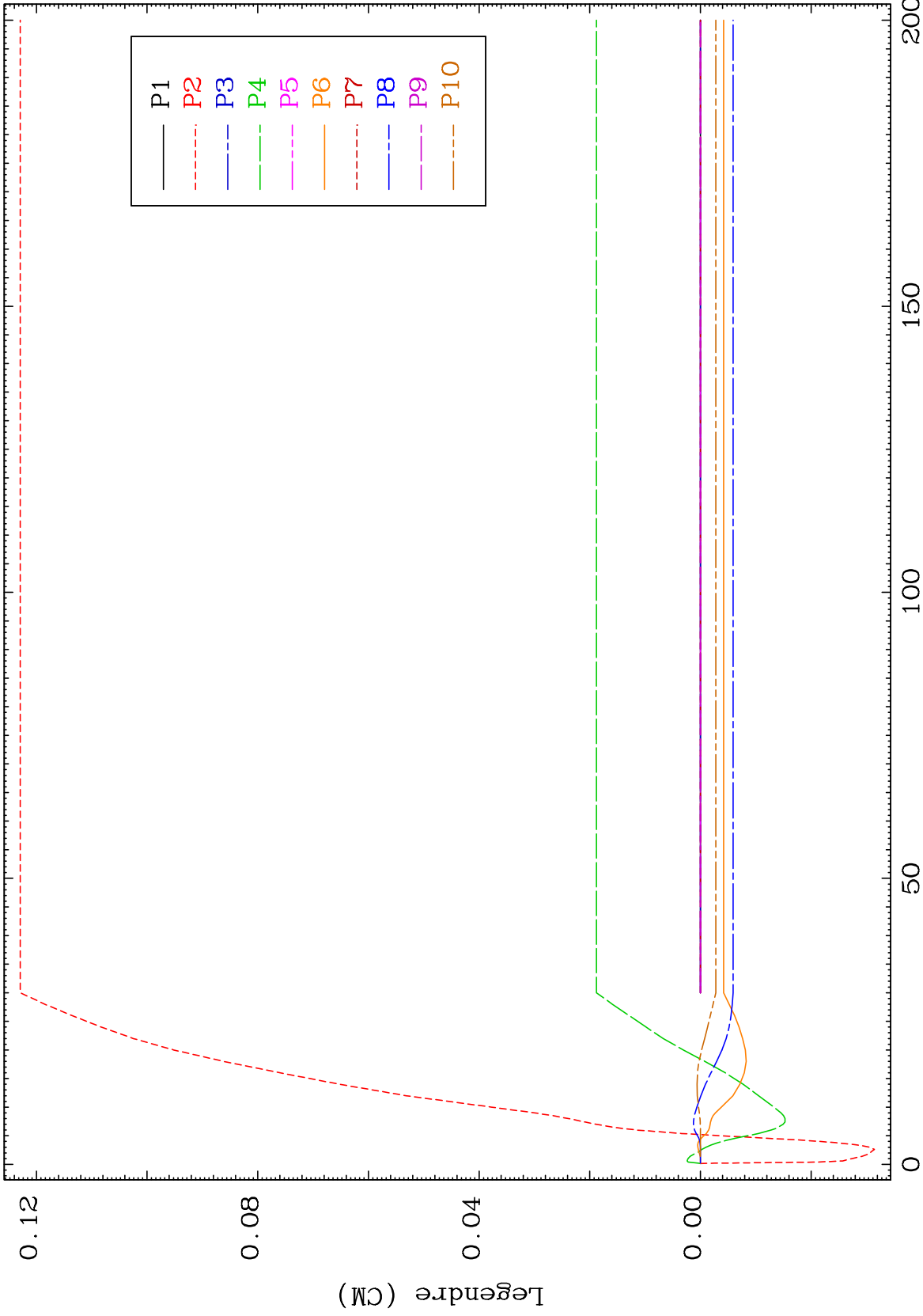
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



27

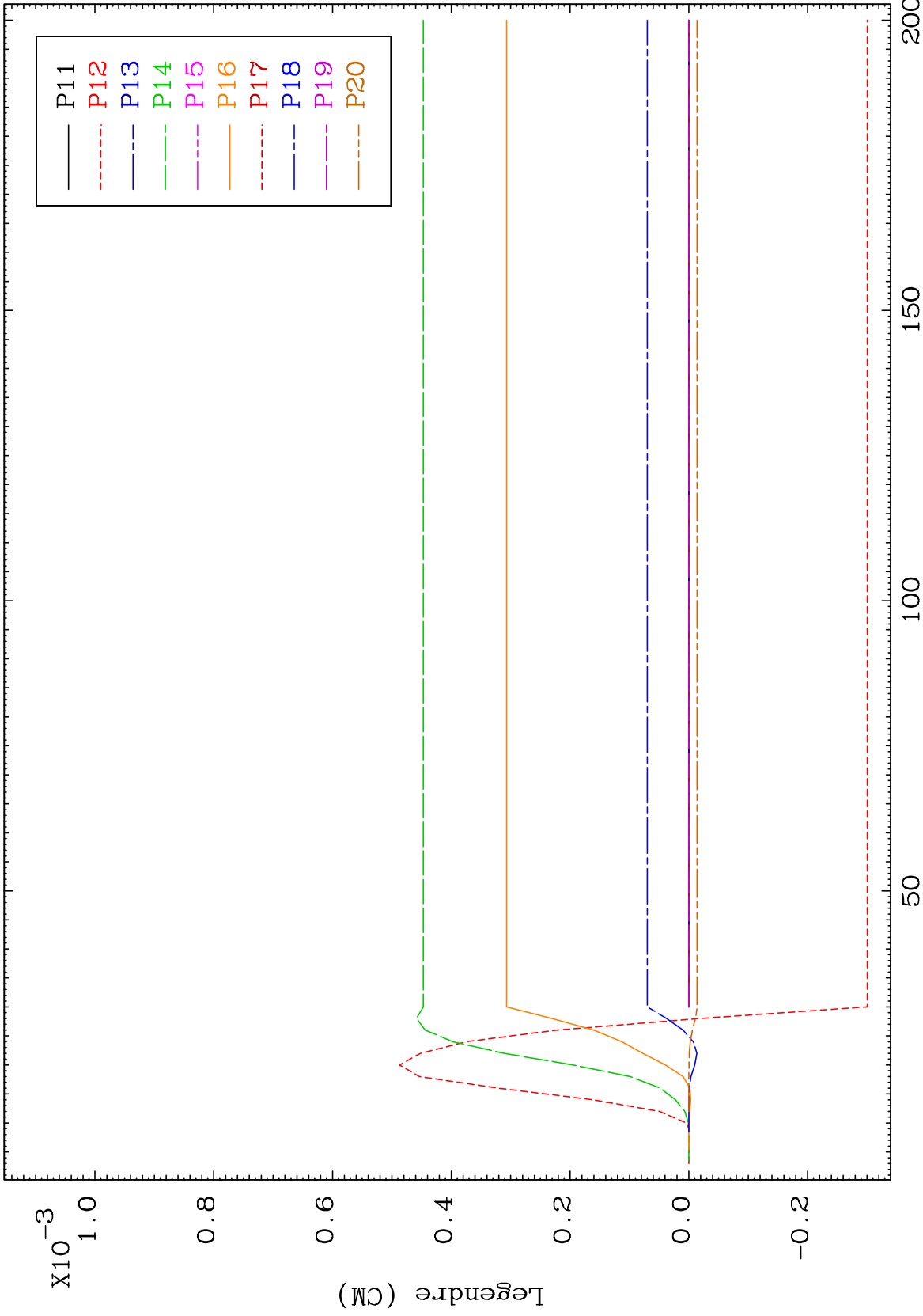
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



28

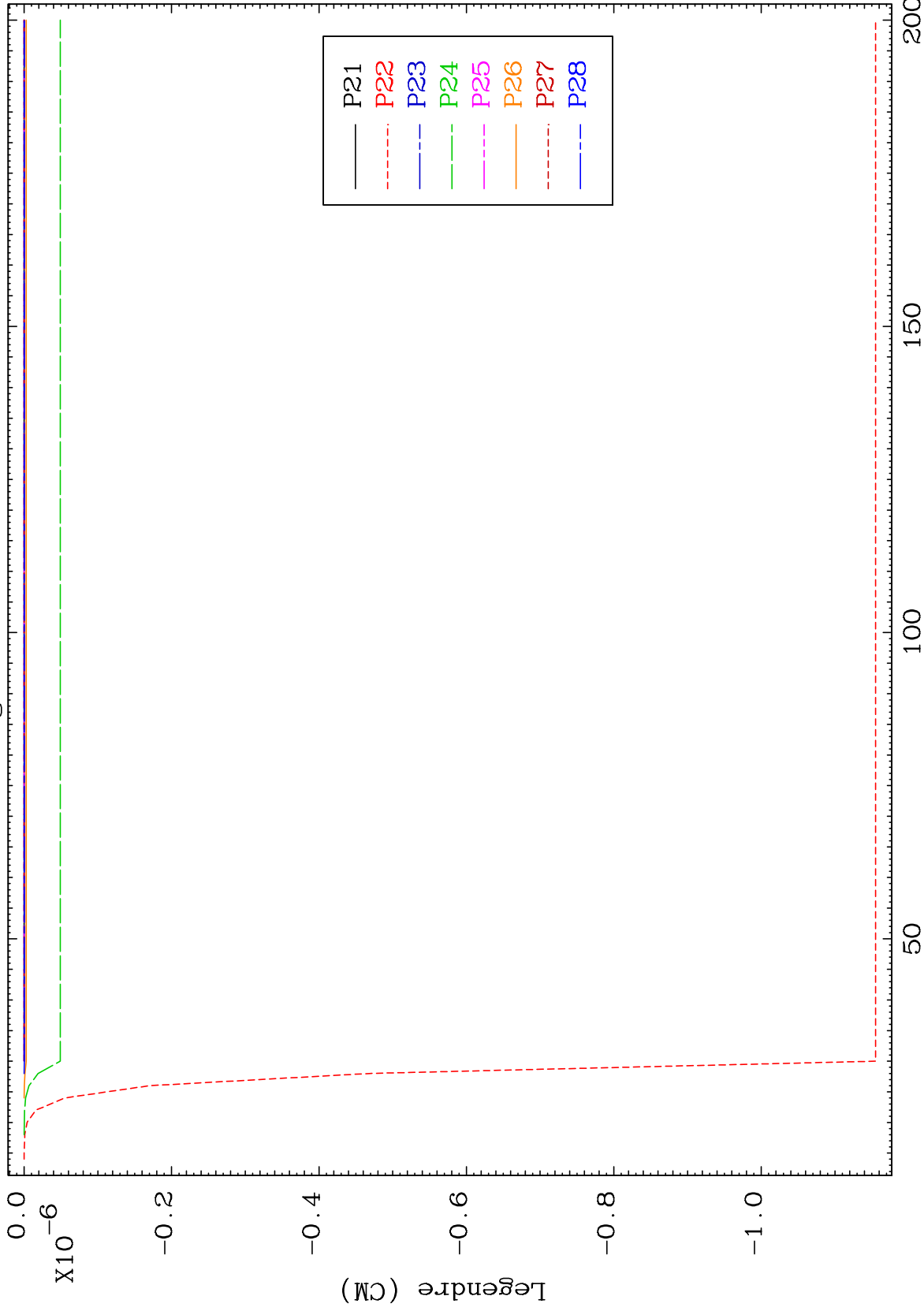
69-Tm-175

69-Tm-175

MAT 6943

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

69-Tm-175



29

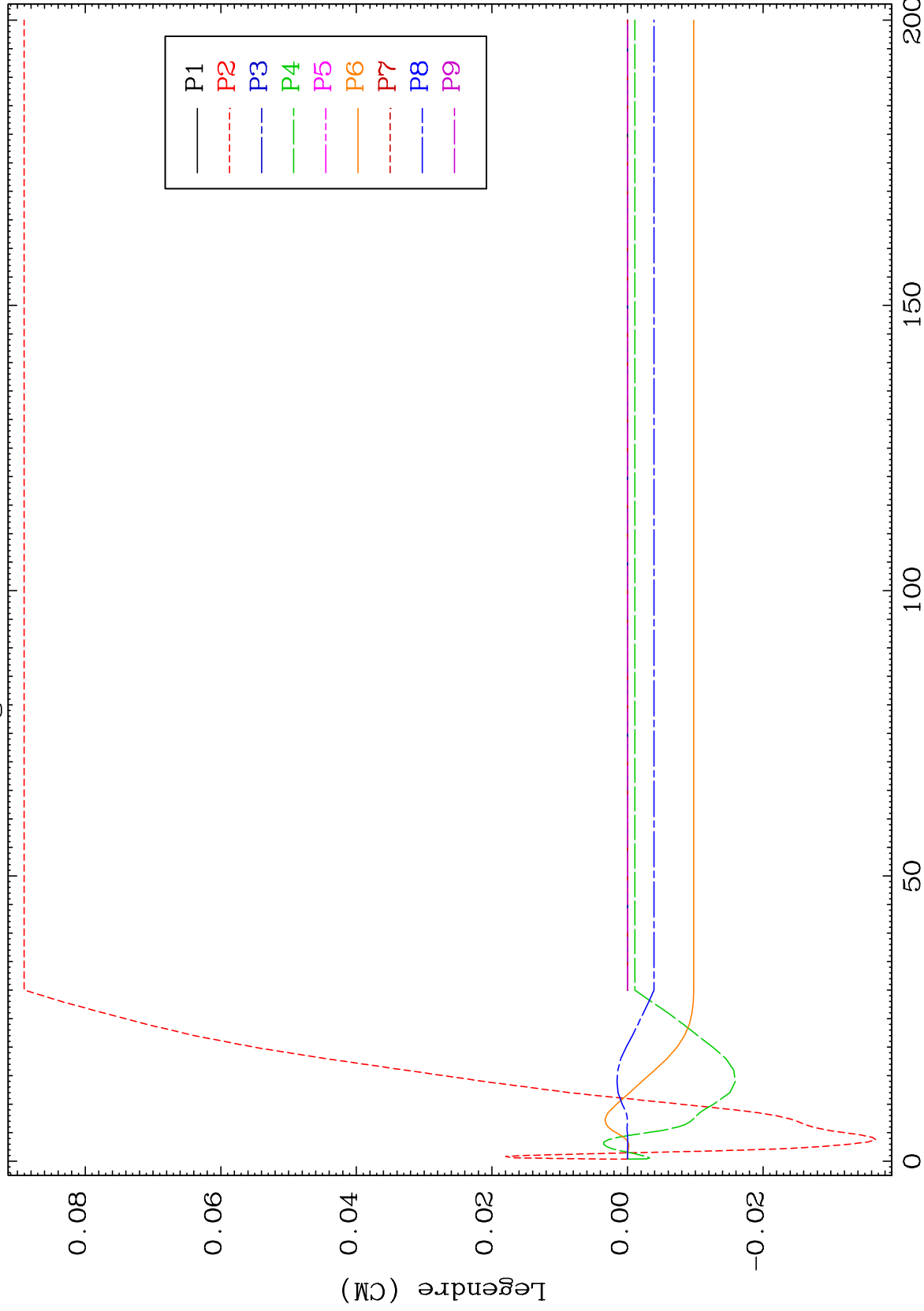
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



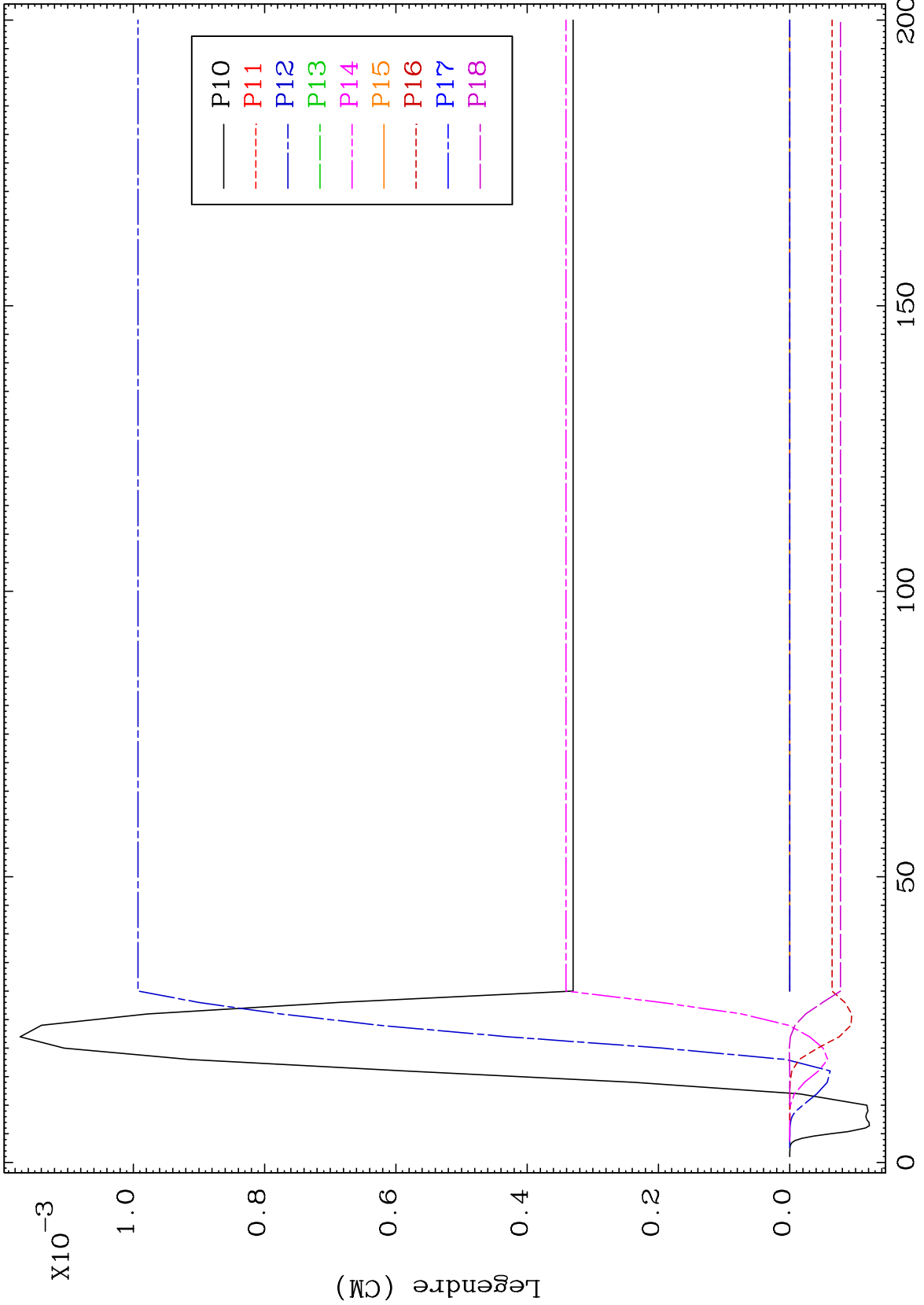
69-Tm-175

Incident Energy (MeV)

MAT 6943

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

69-Tm-175



31

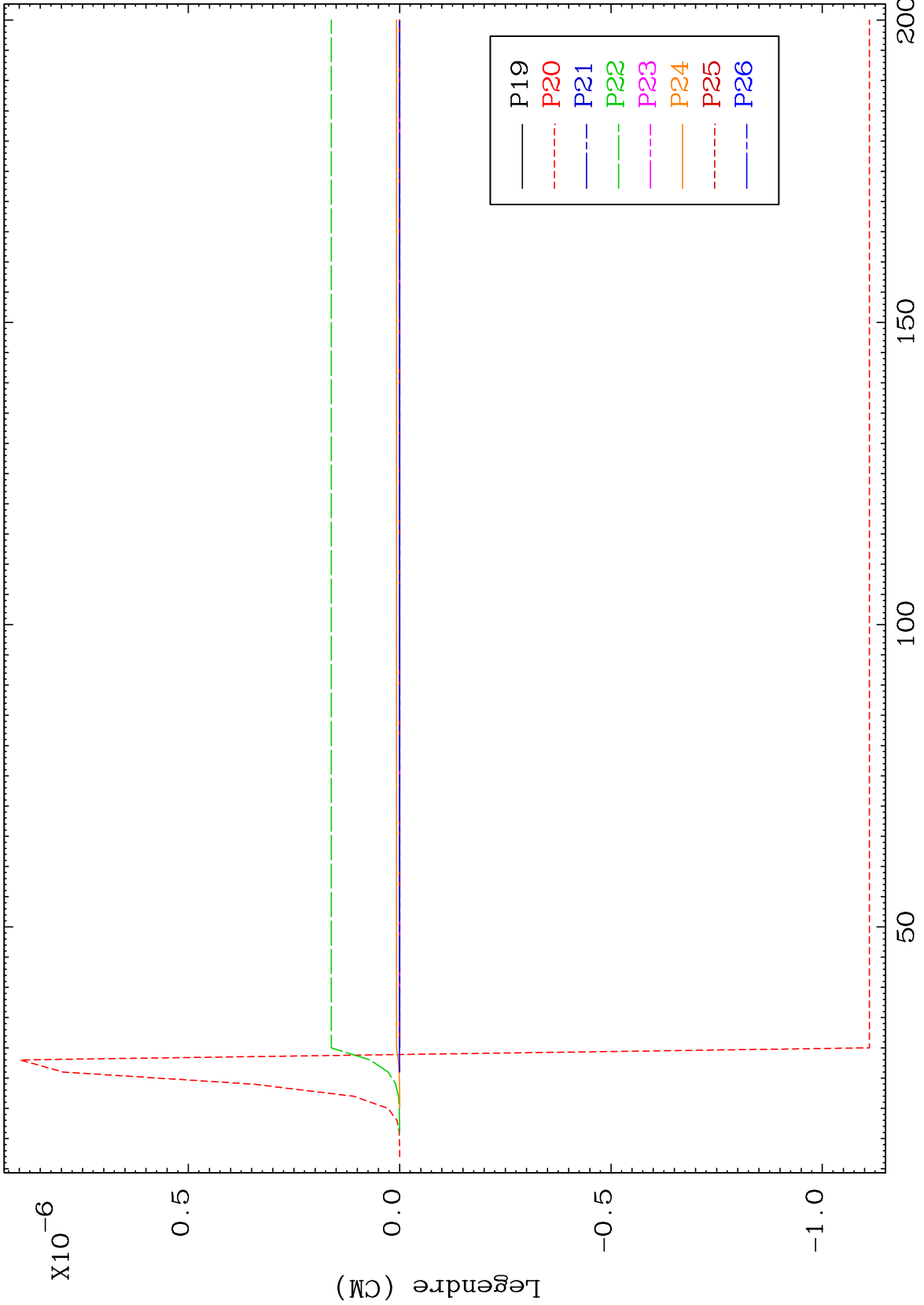
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



32

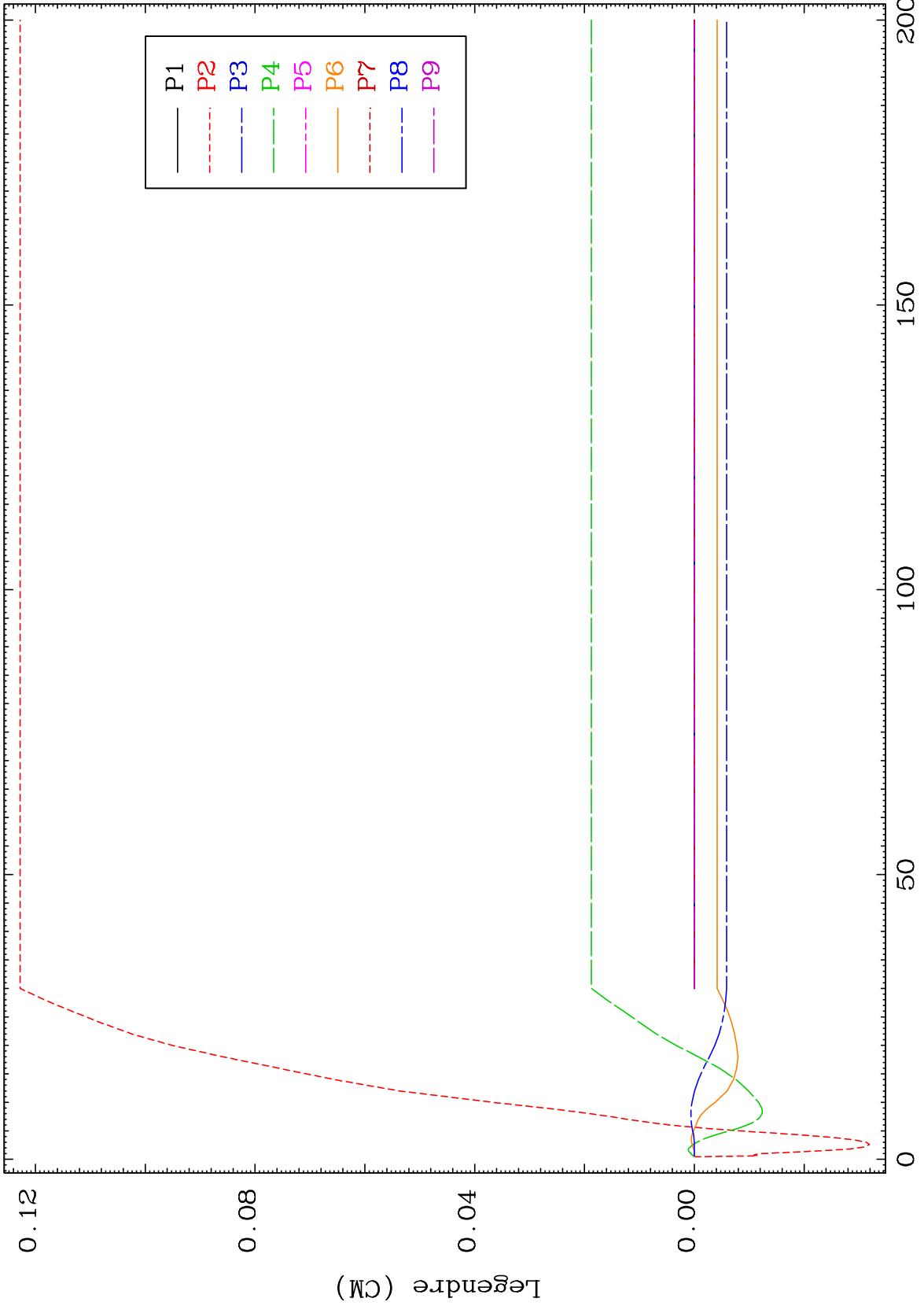
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



33

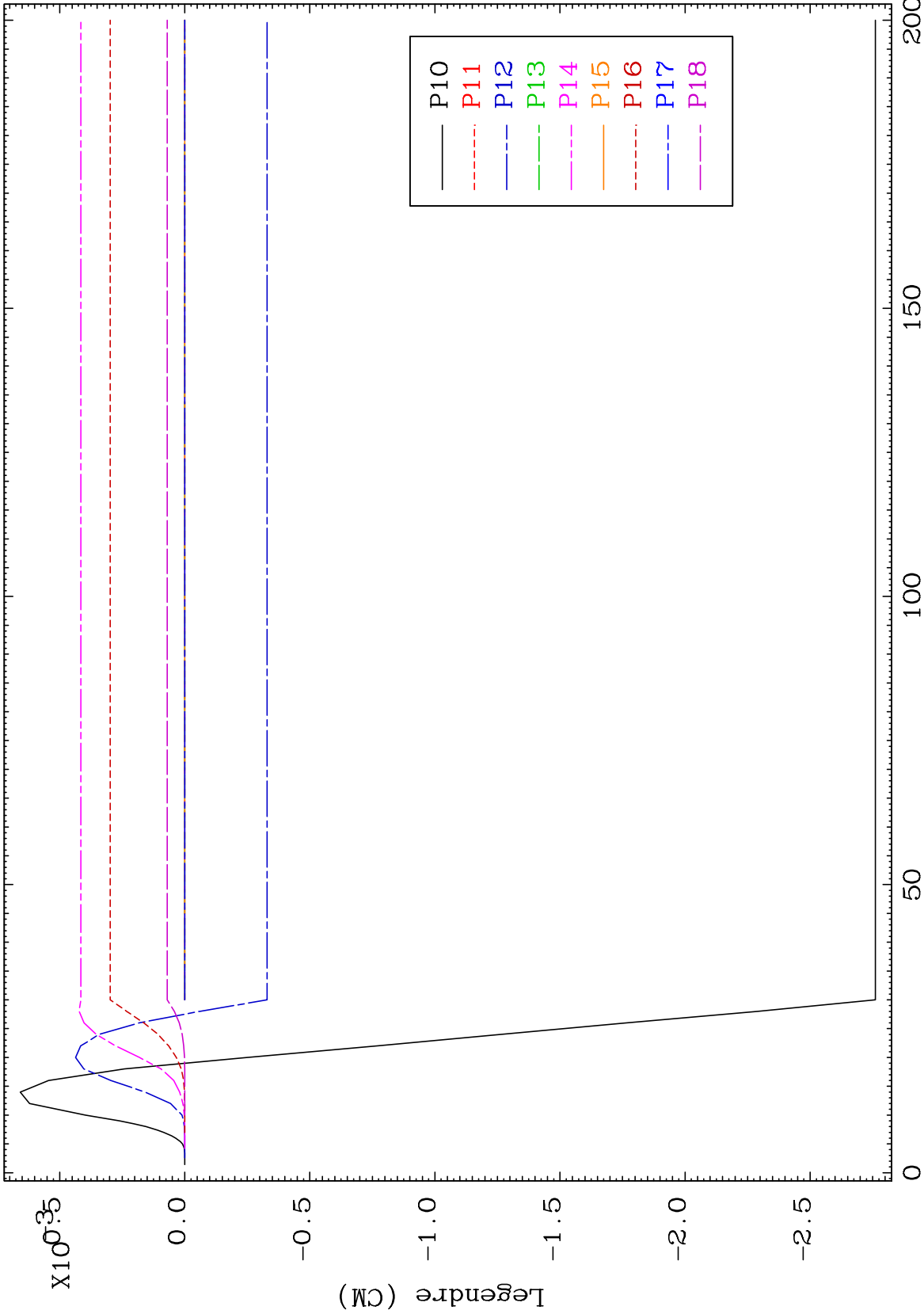
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



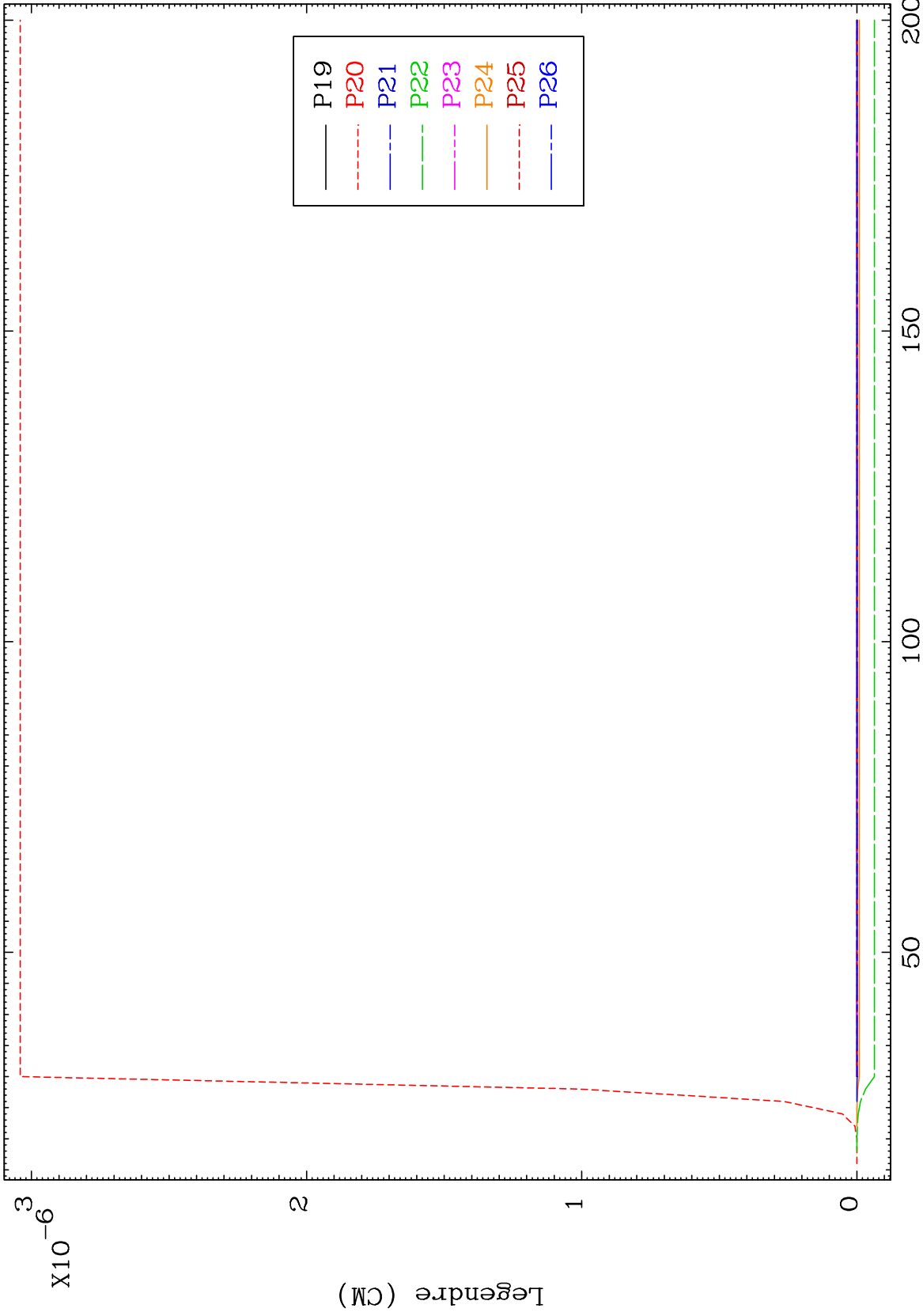
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69-Tm-175

MAT 6943

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

69-Tm-175



35

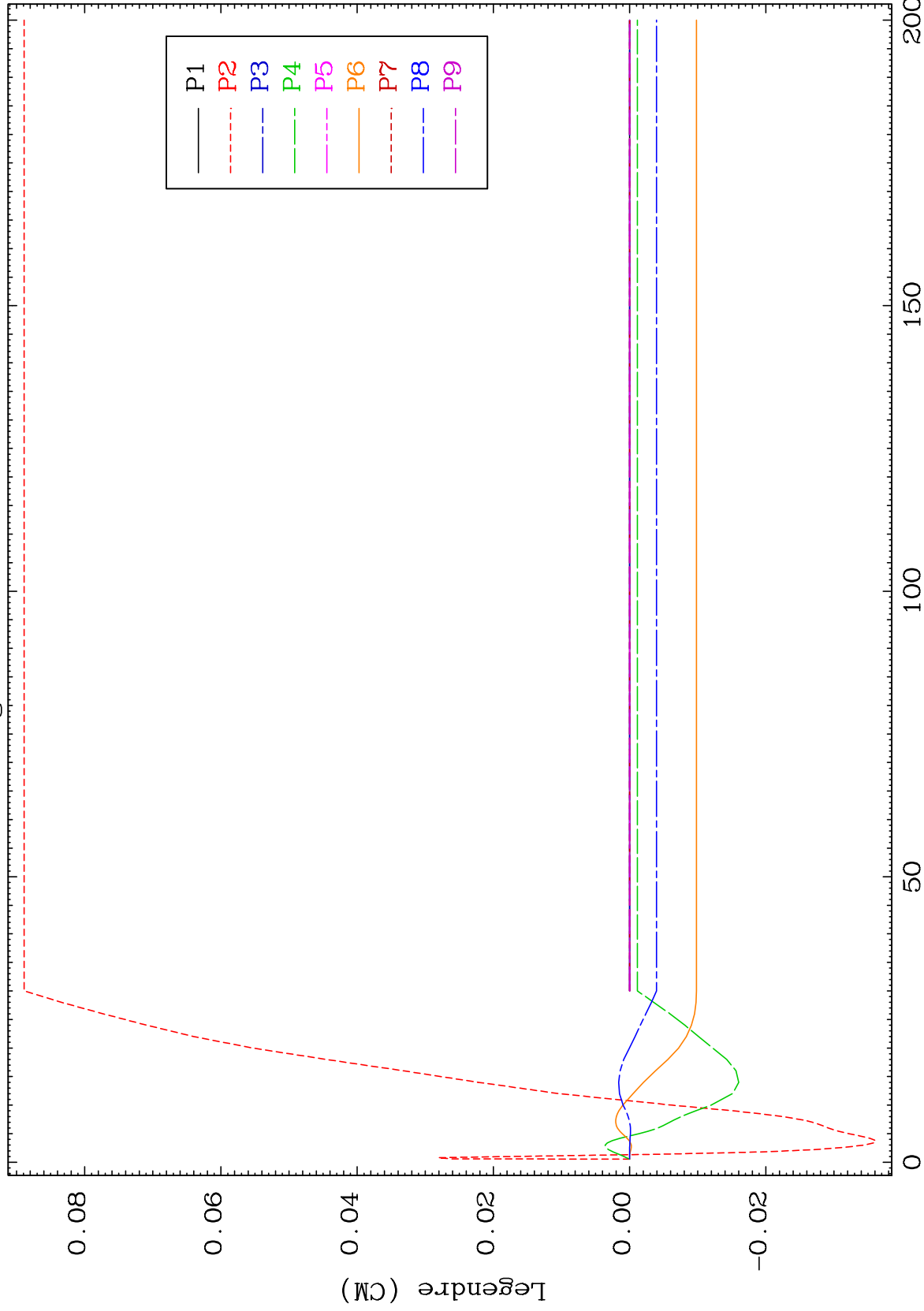
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



36

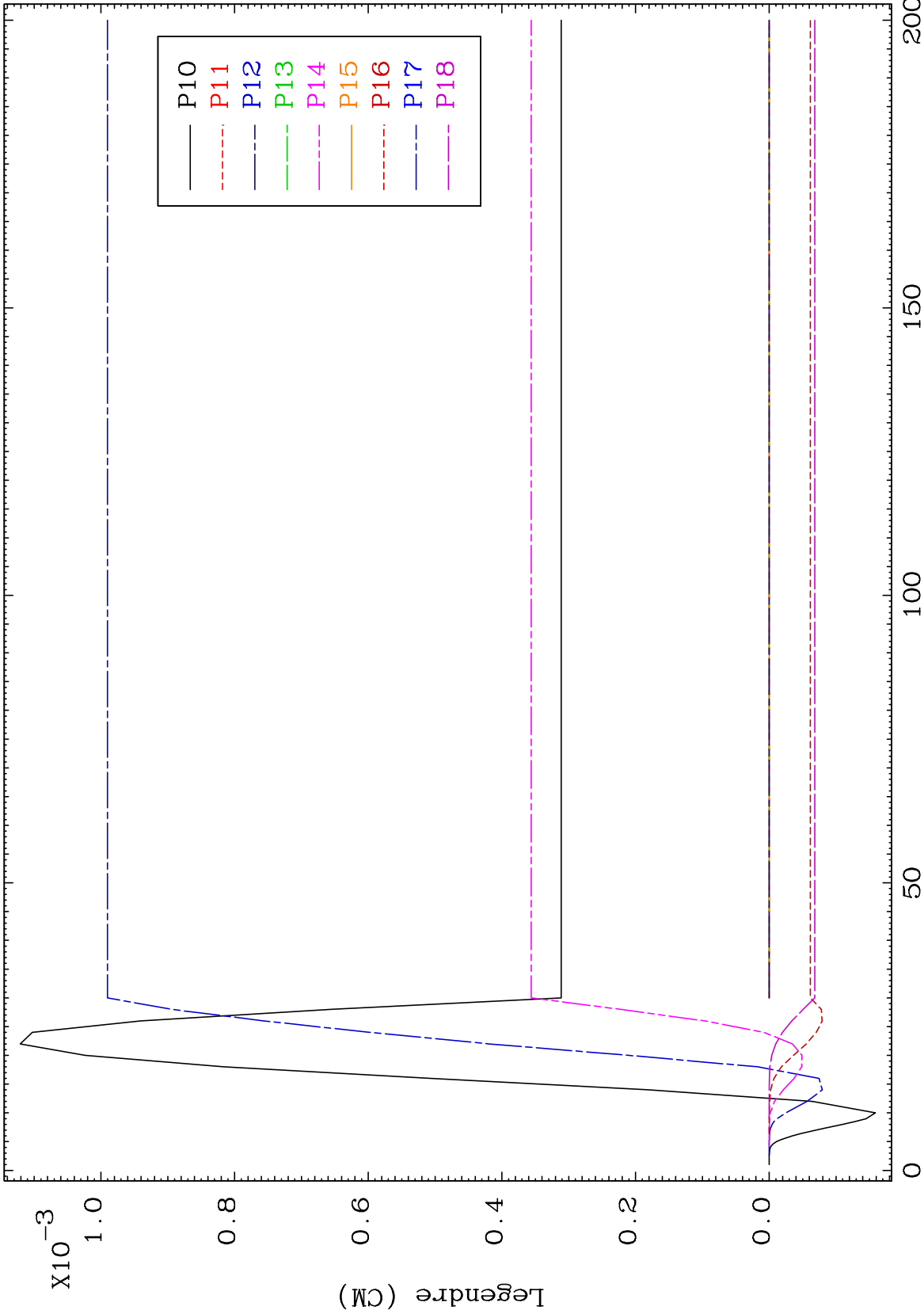
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



37

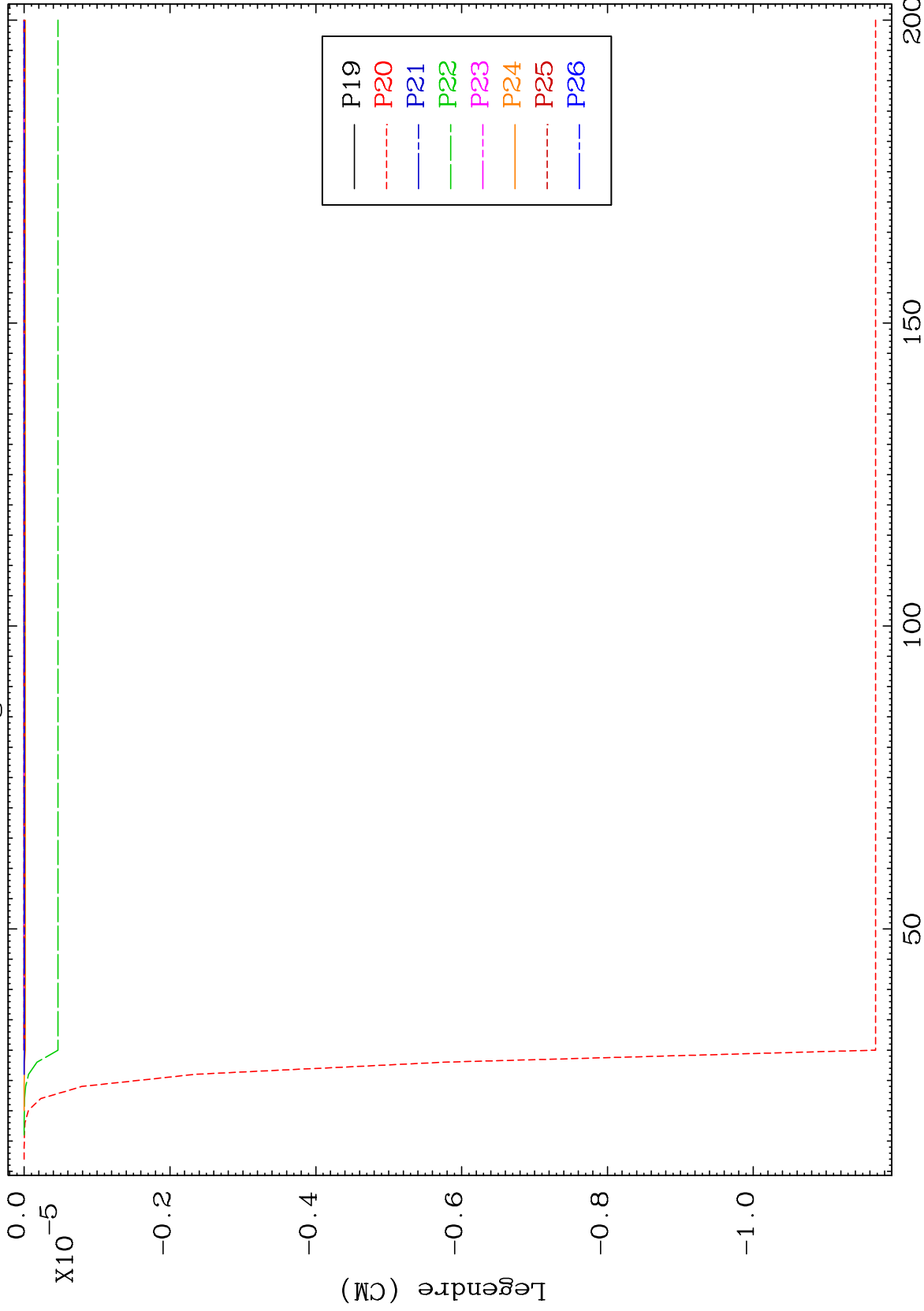
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



38

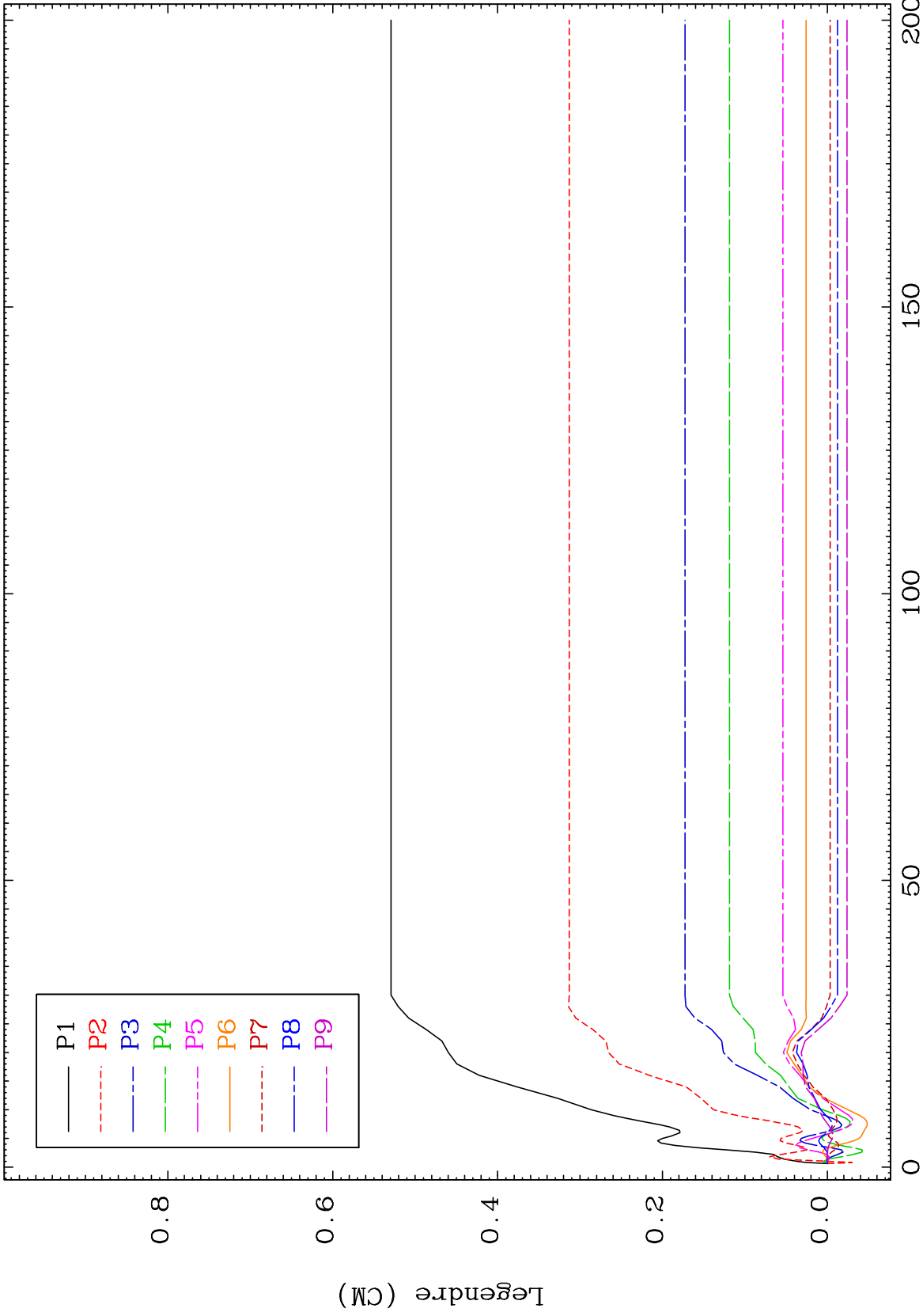
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



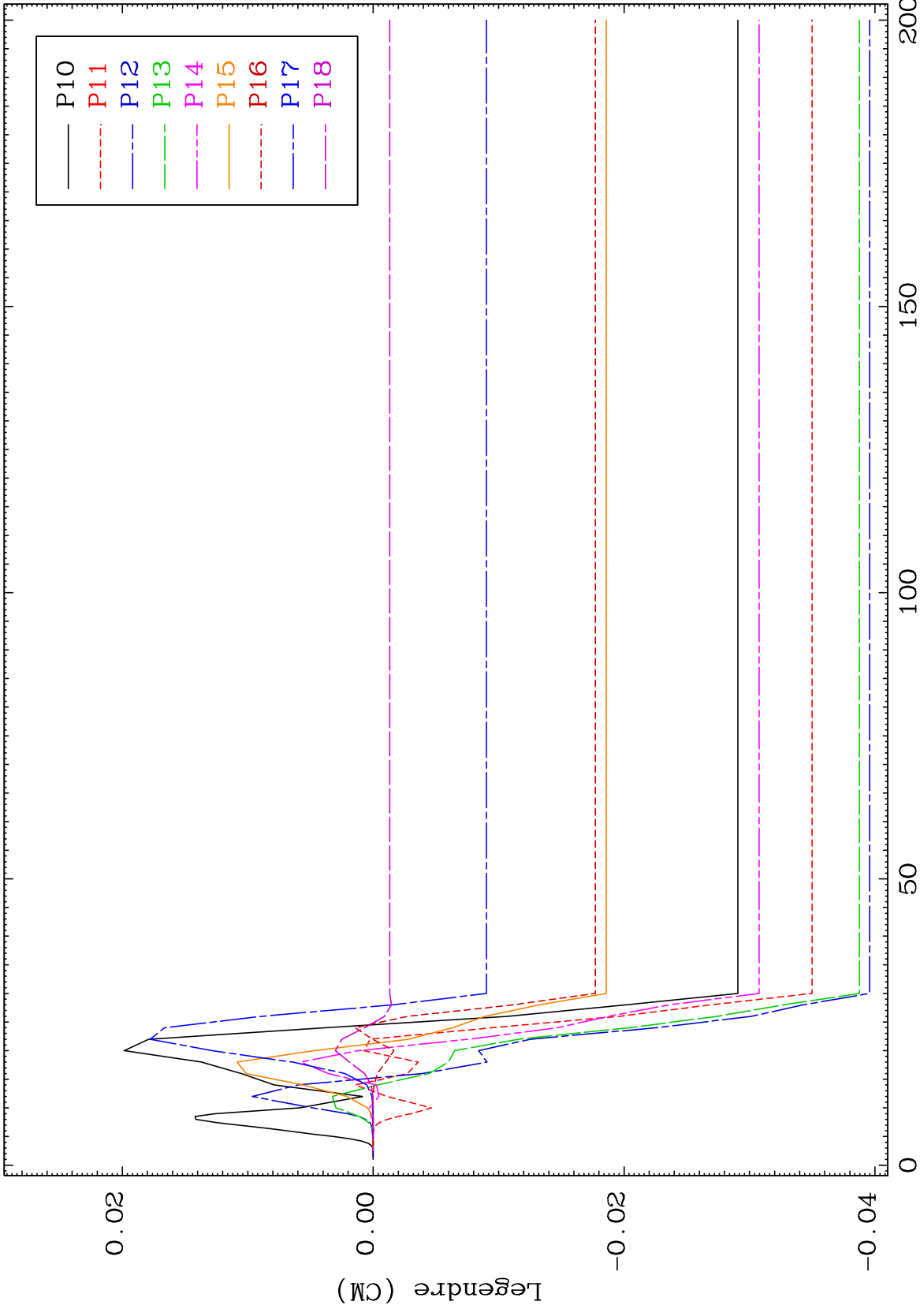
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69-Tm-175

MAT 6943

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

69-Tm-175



40

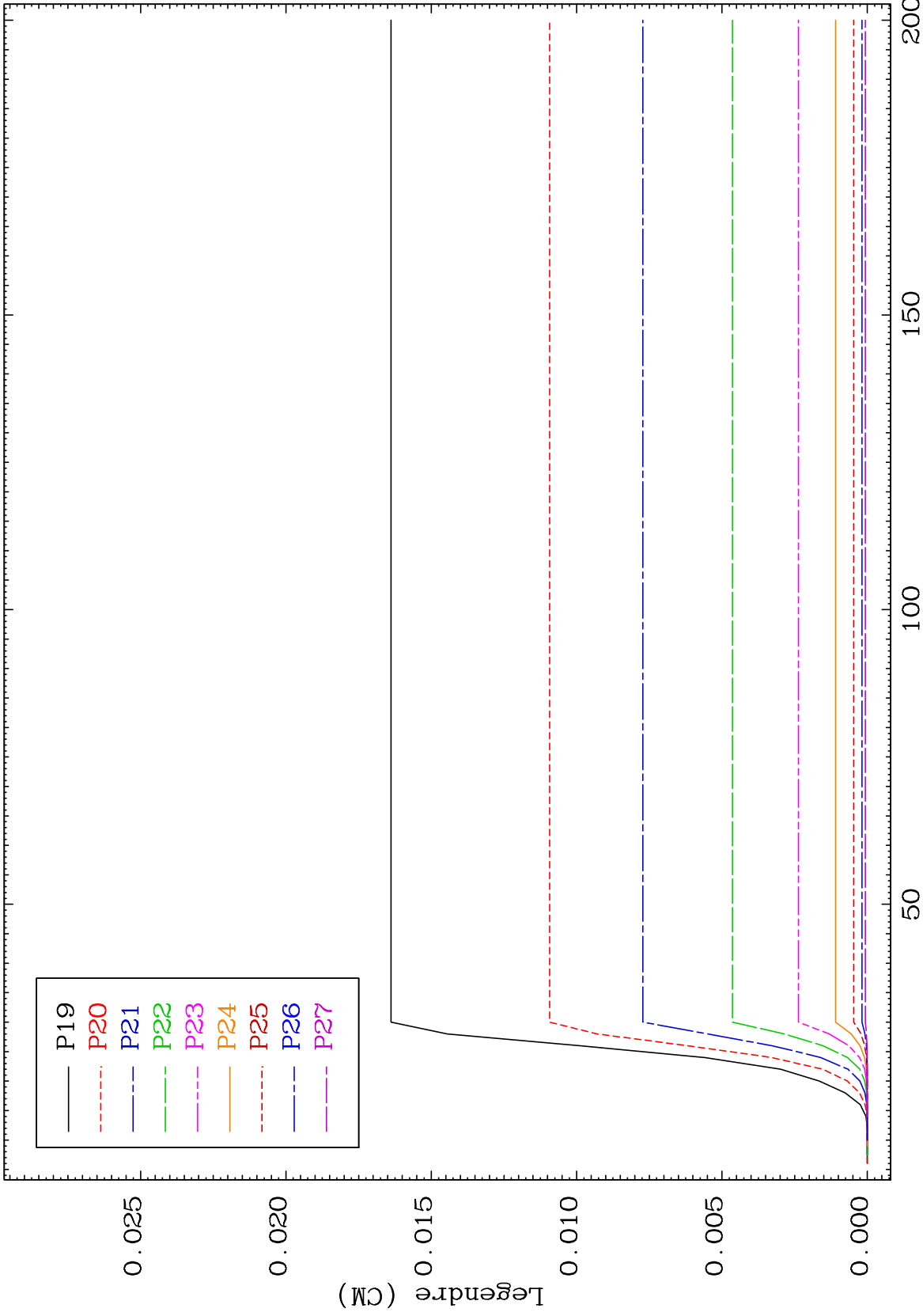
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



41

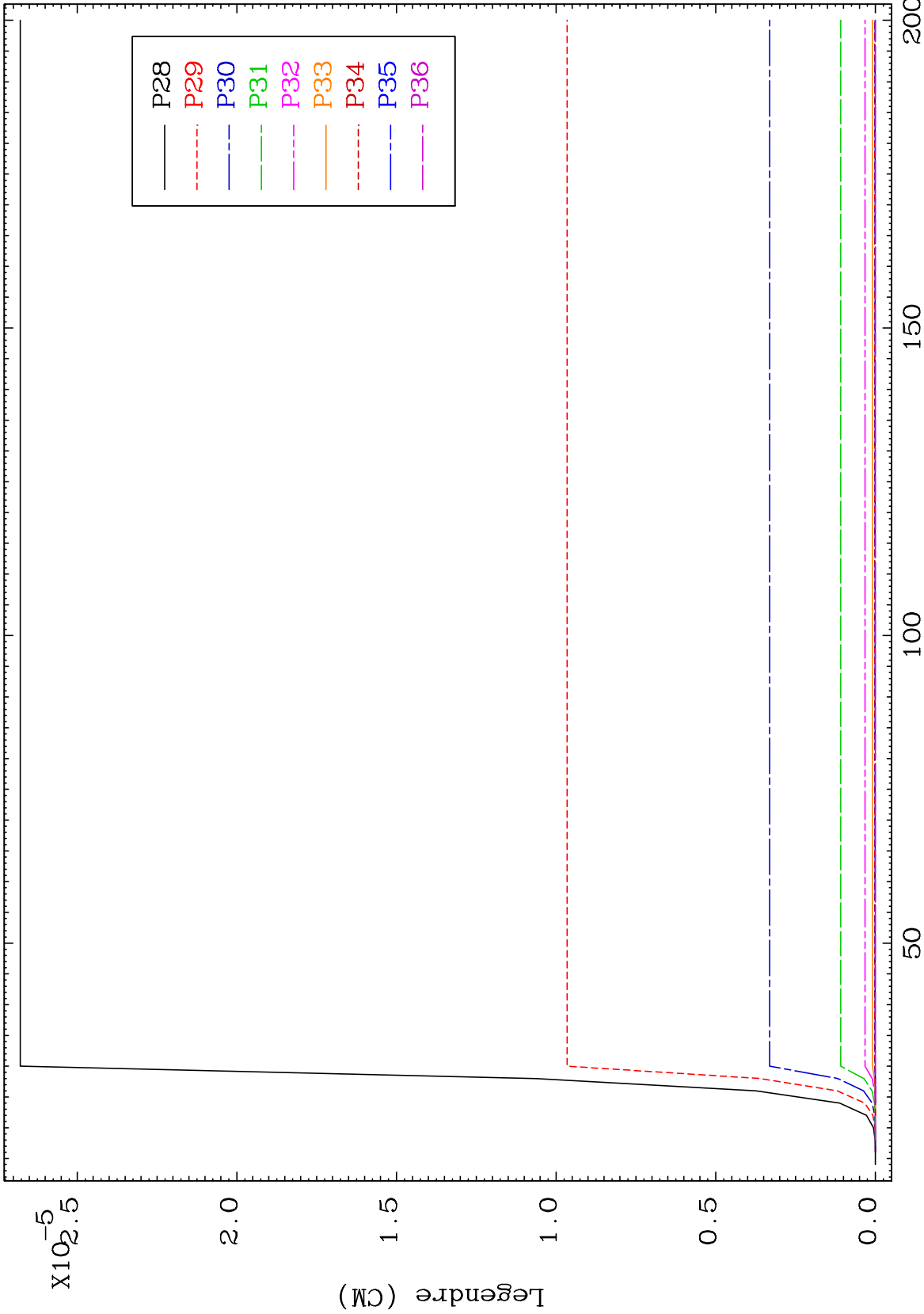
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



42

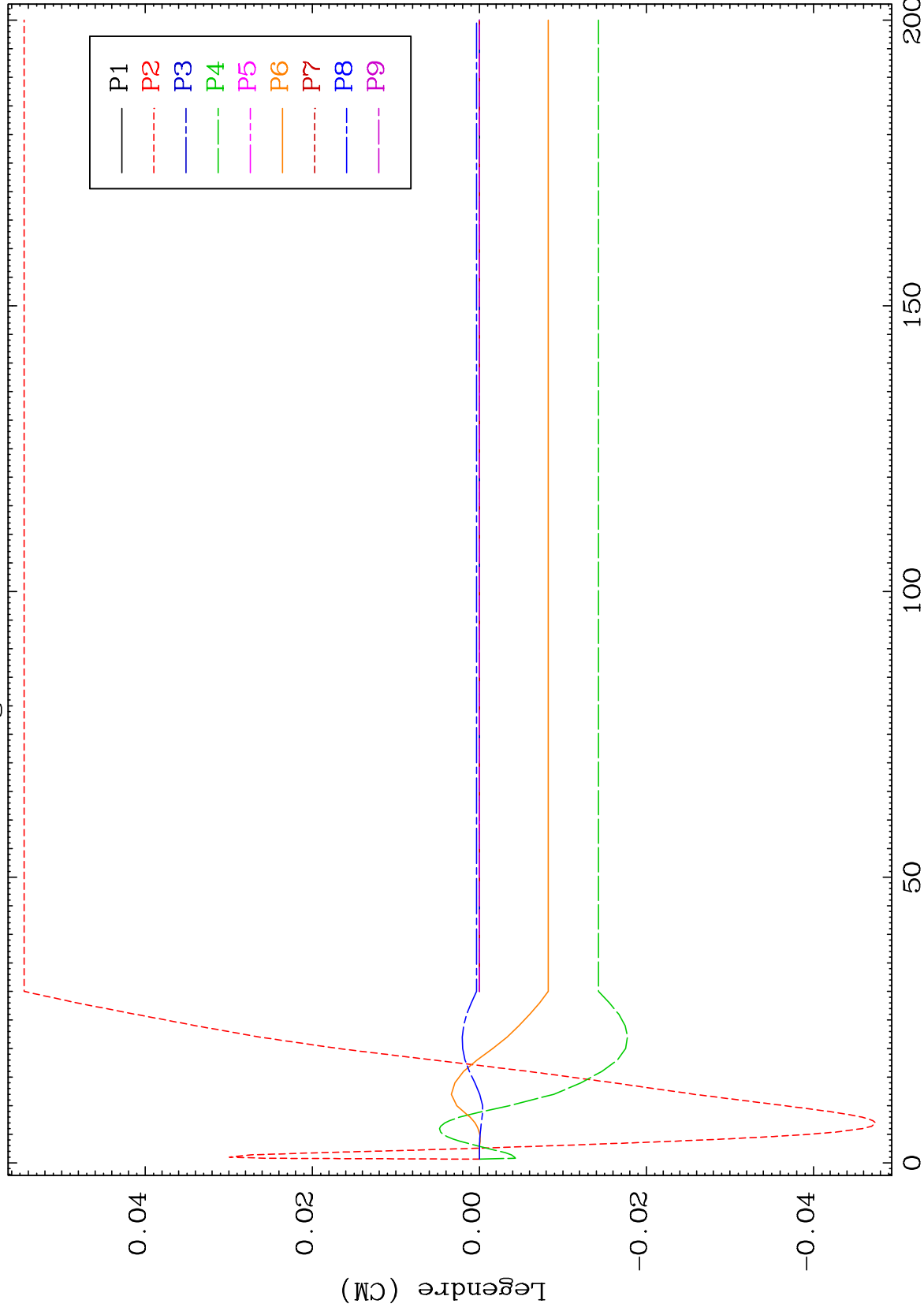
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



43

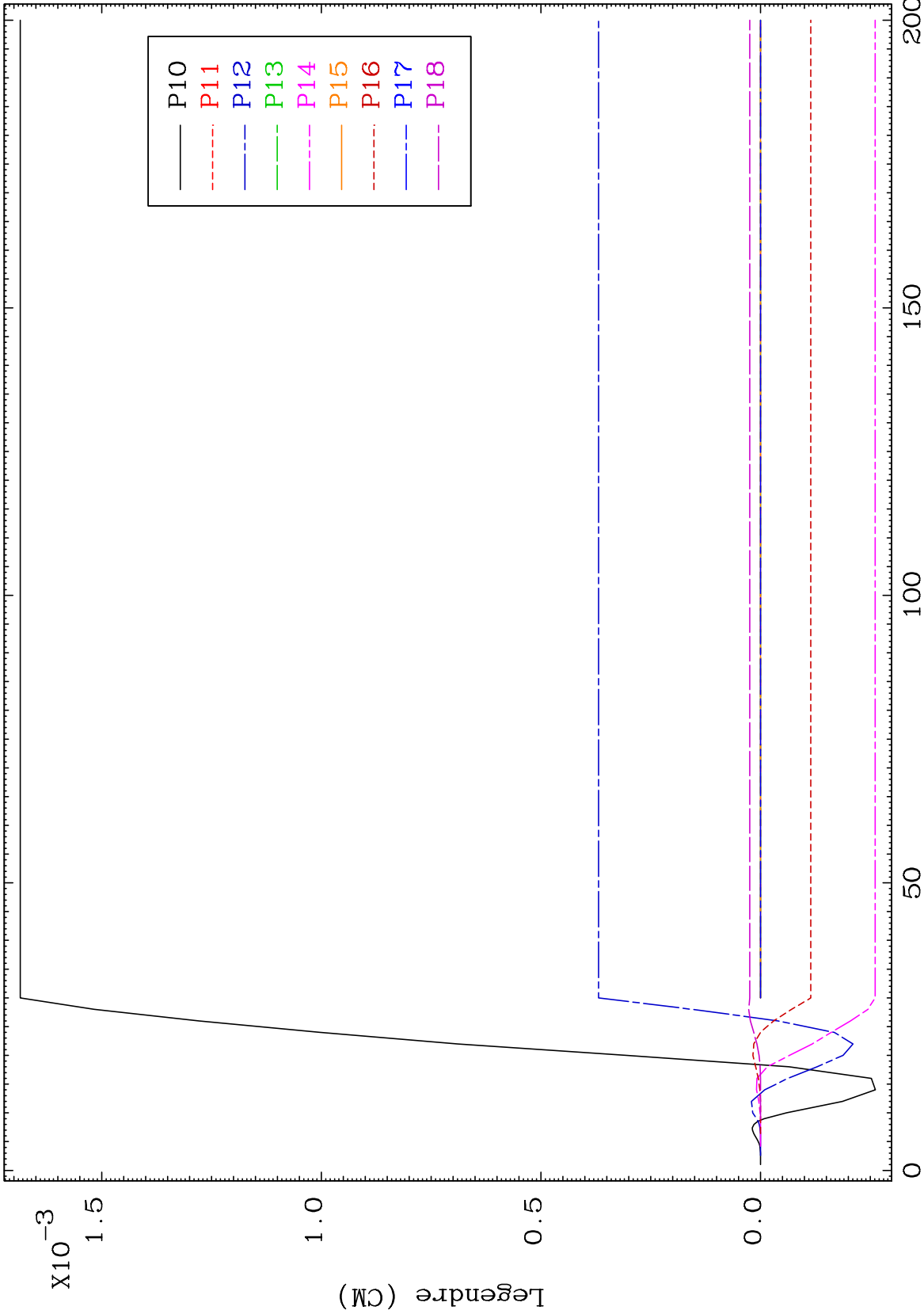
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175

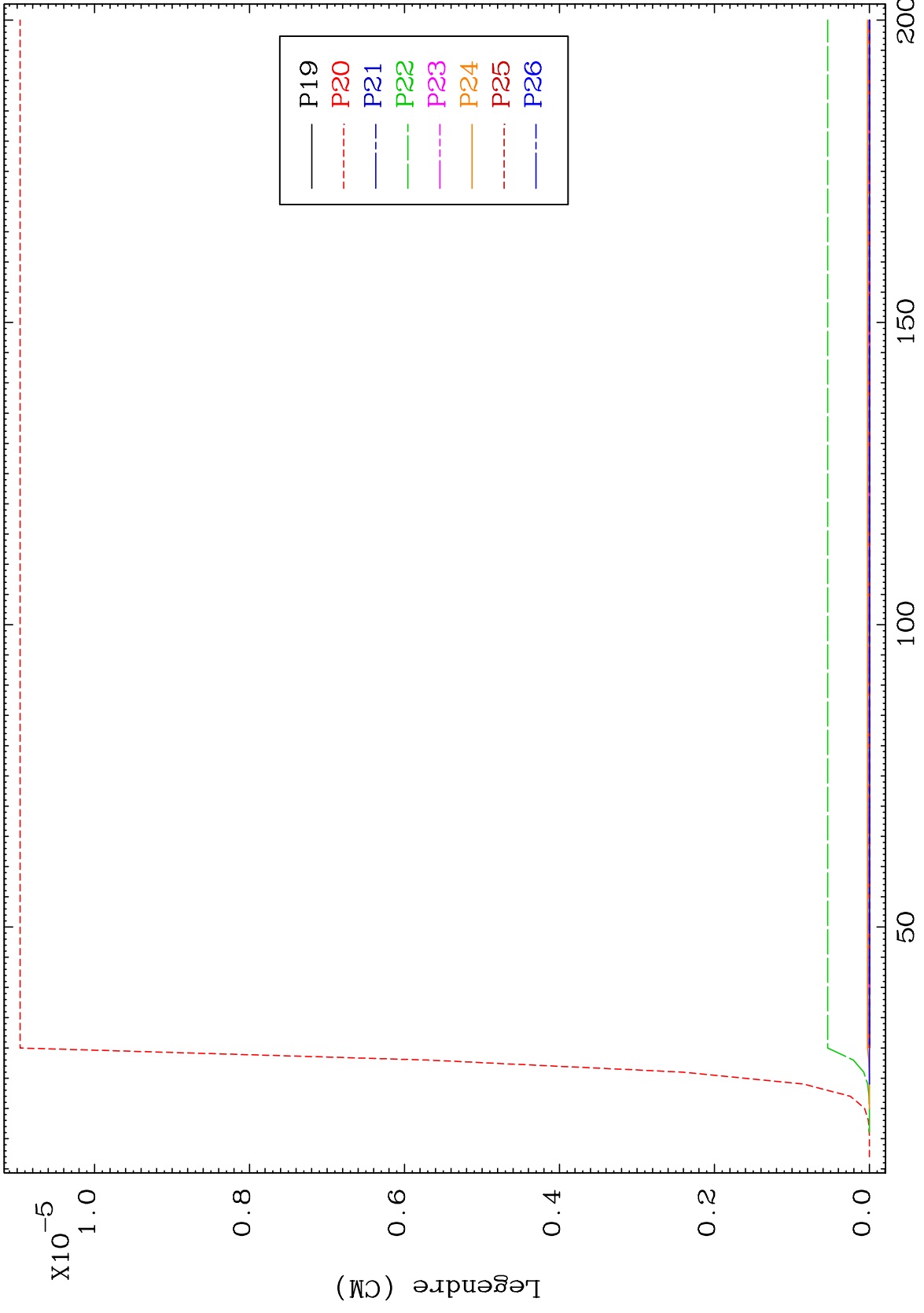


44

Incident Energy (MeV)

69-Tm-175

MAT 6943 MT= 58 (n,n') Level Legendre Coefficients 69-Tm-175

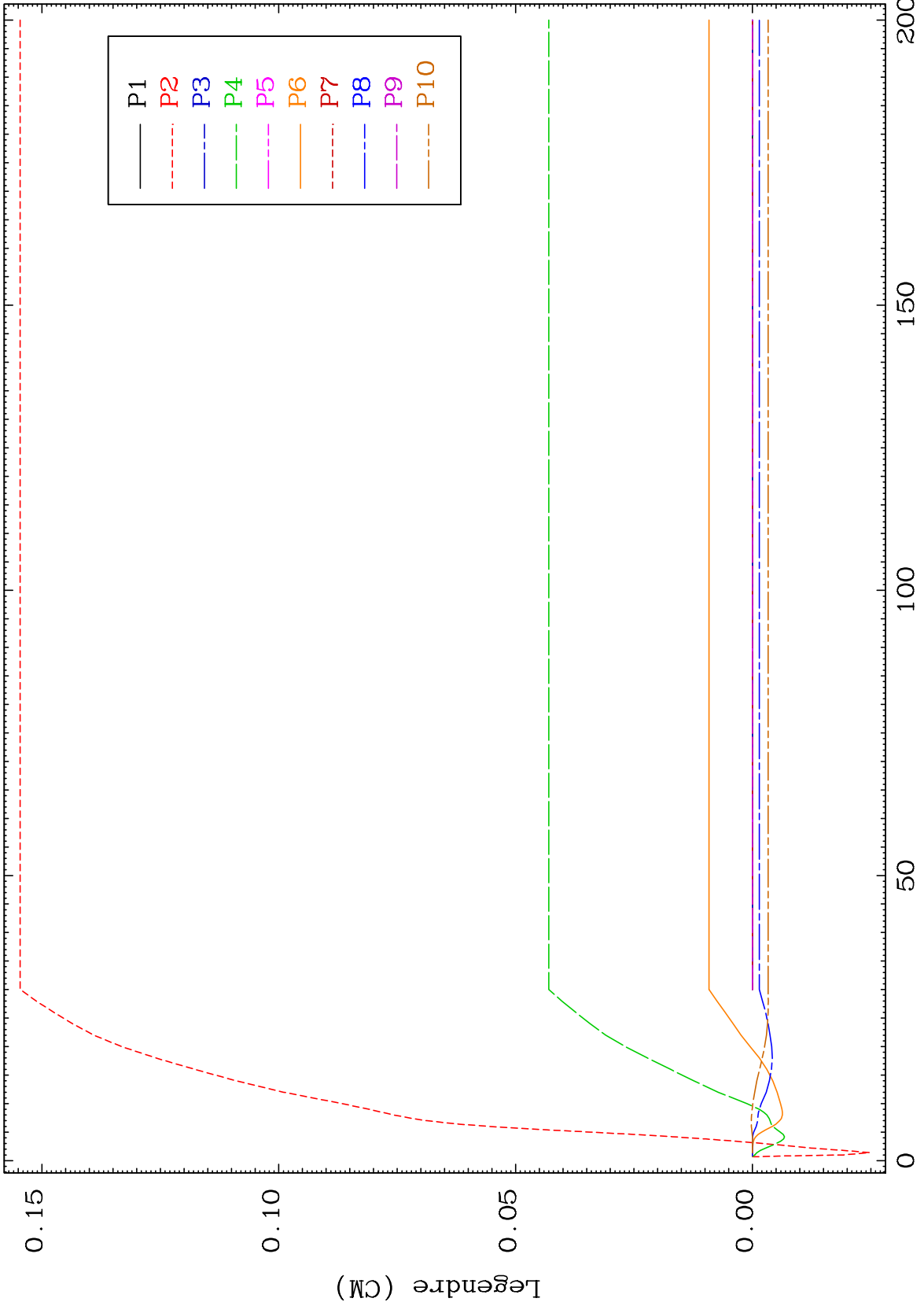


45 50 100 150 200 Incident Energy (MeV) 69-Tm-175

MAT 6943

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

69-Tm-175



46

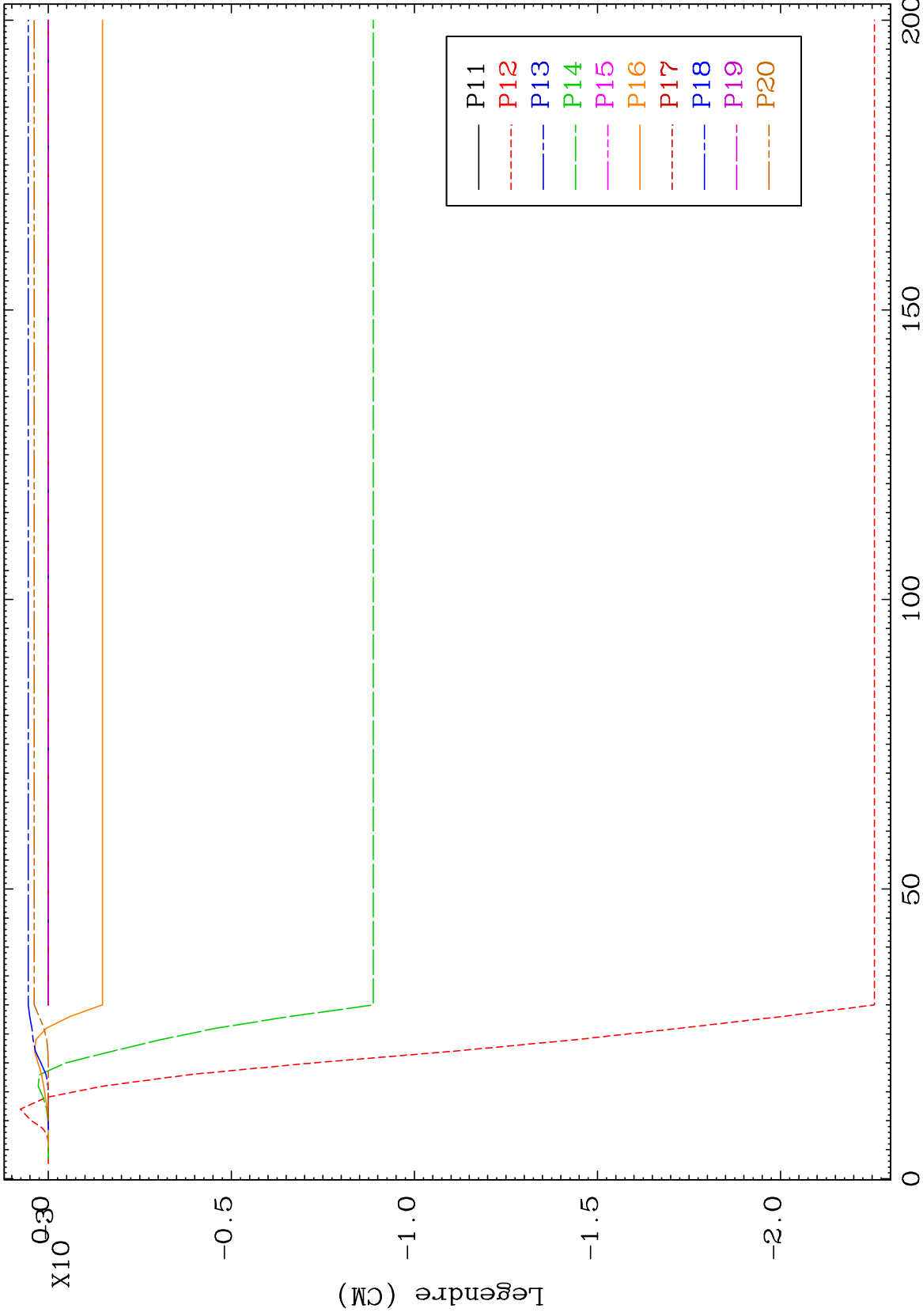
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



47

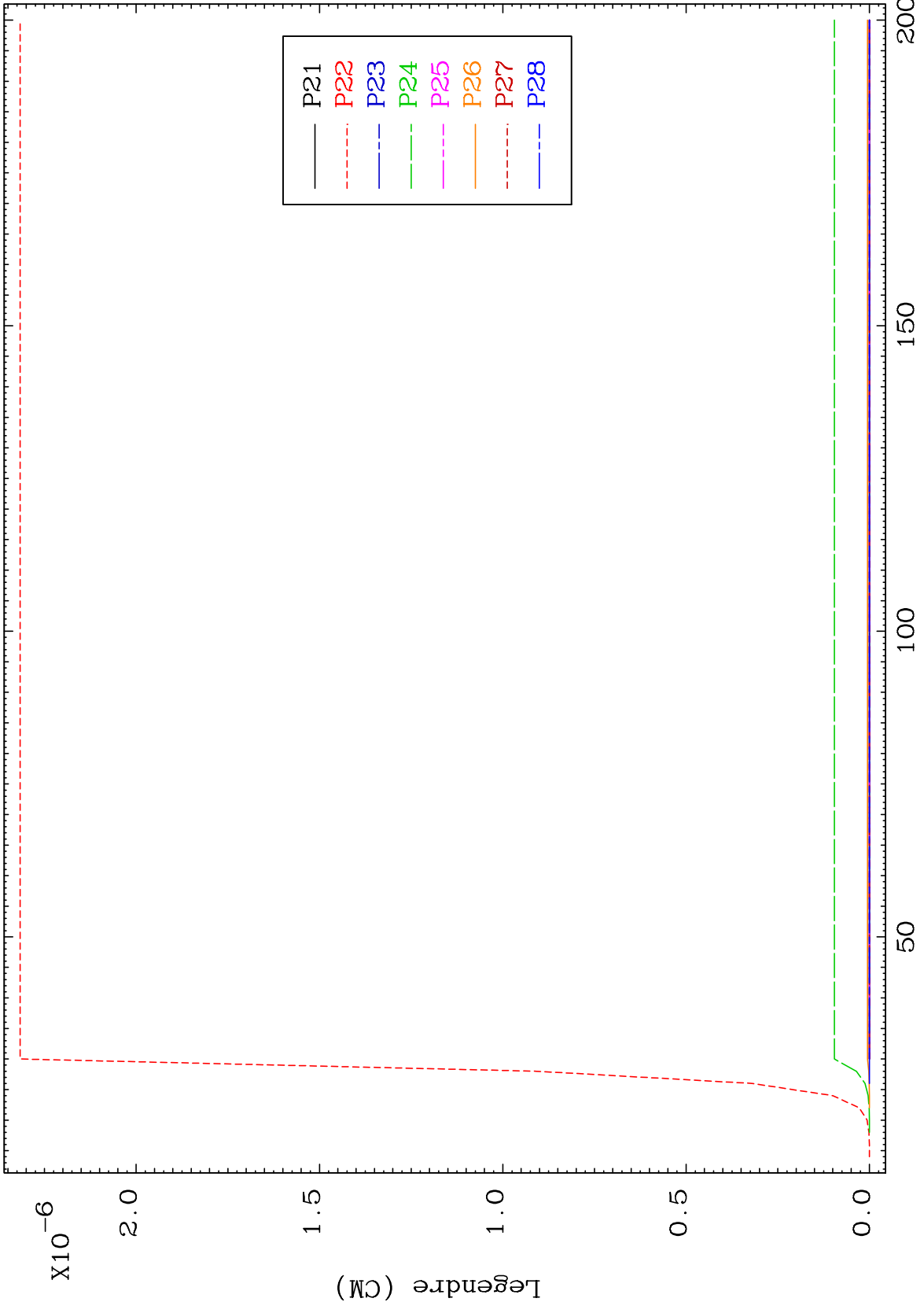
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175

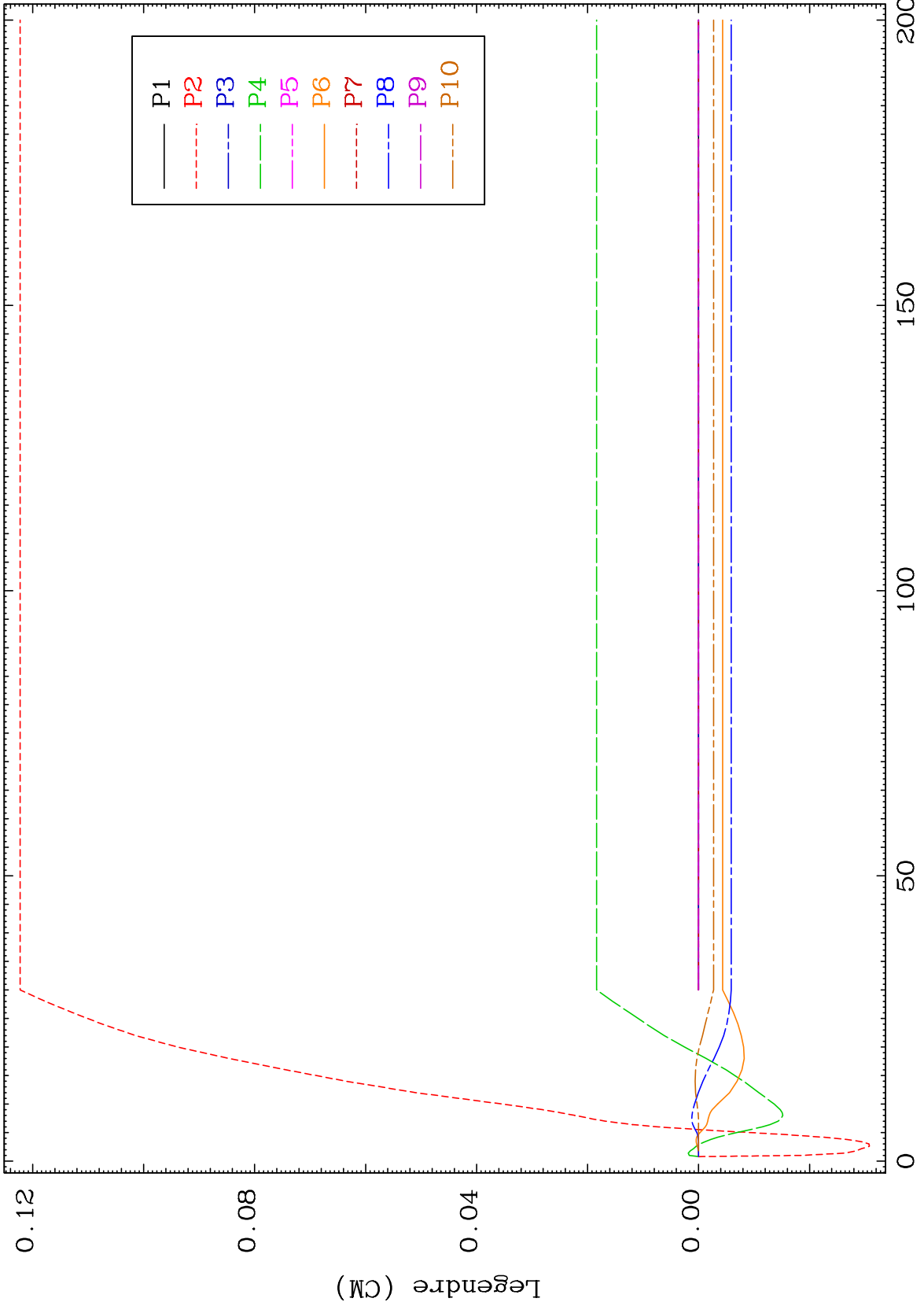


48

Incident Energy (MeV)

69-Tm-175

MAT 6943 MT= 60 (n,n') Level Legendre Coefficients 69-Tm-175

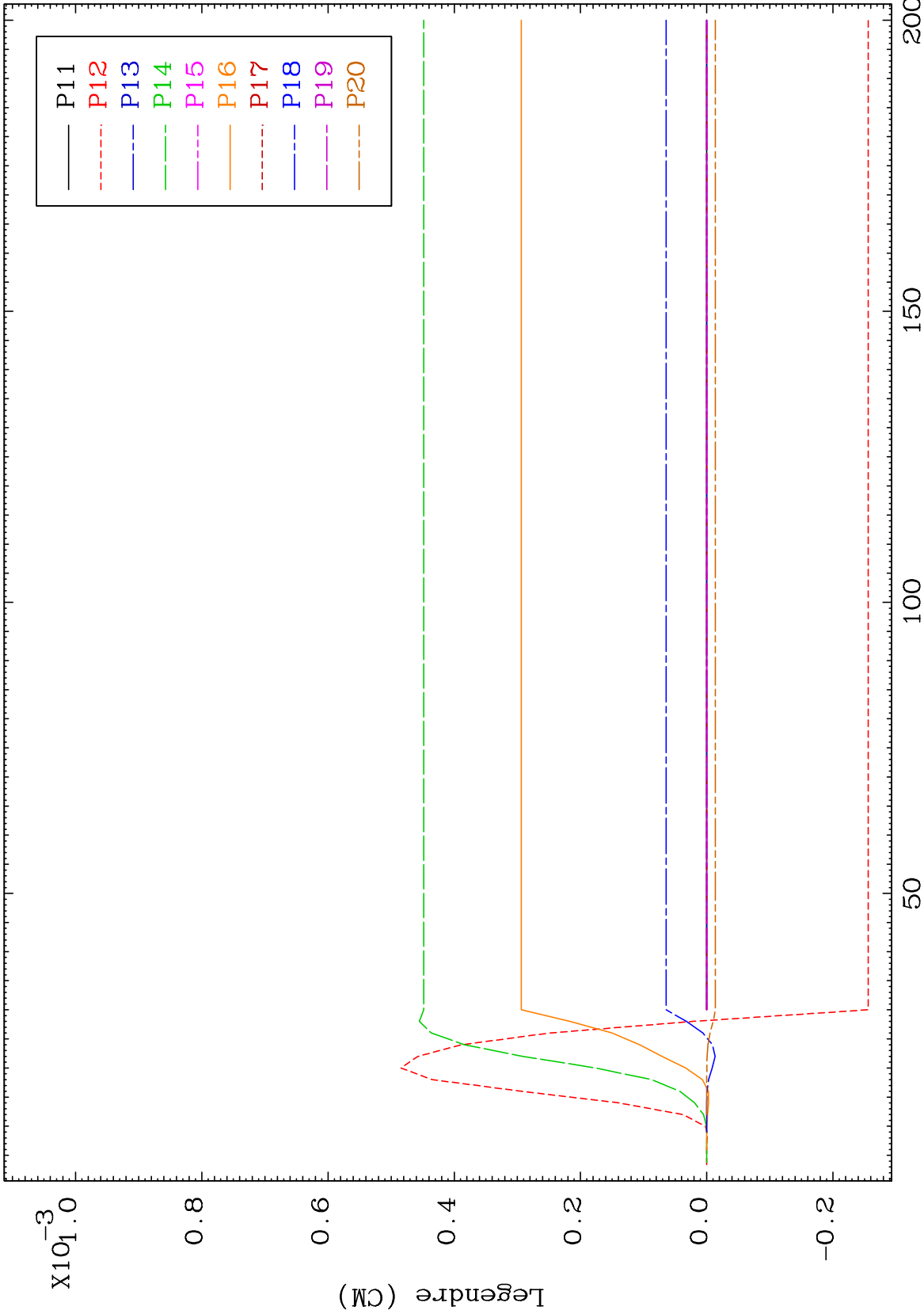


49 69-Tm-175

MAT 6943

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

69-Tm-175



50

50

100

150

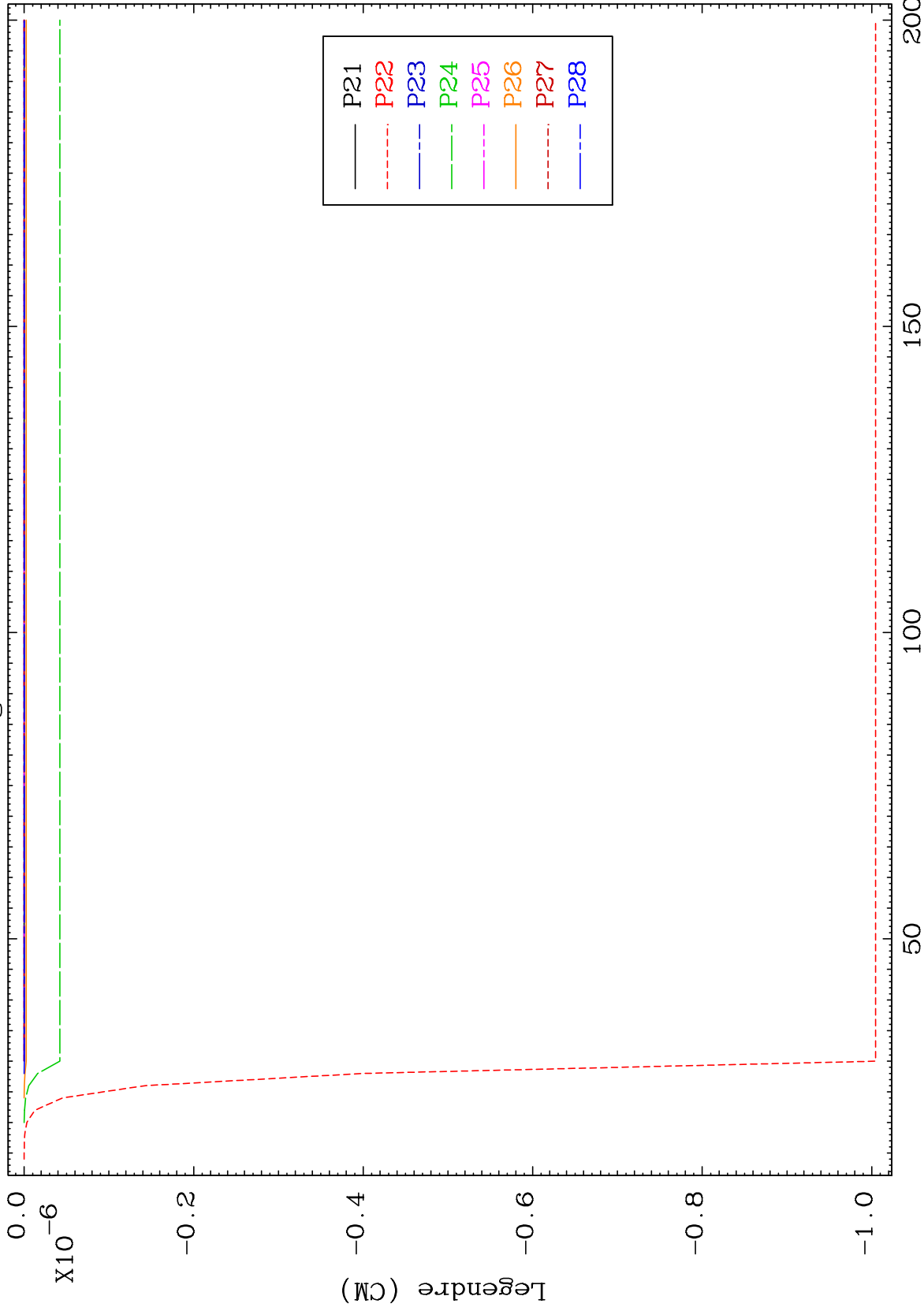
200

69-Tm-175

MAT 6943

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

69-Tm-175



51

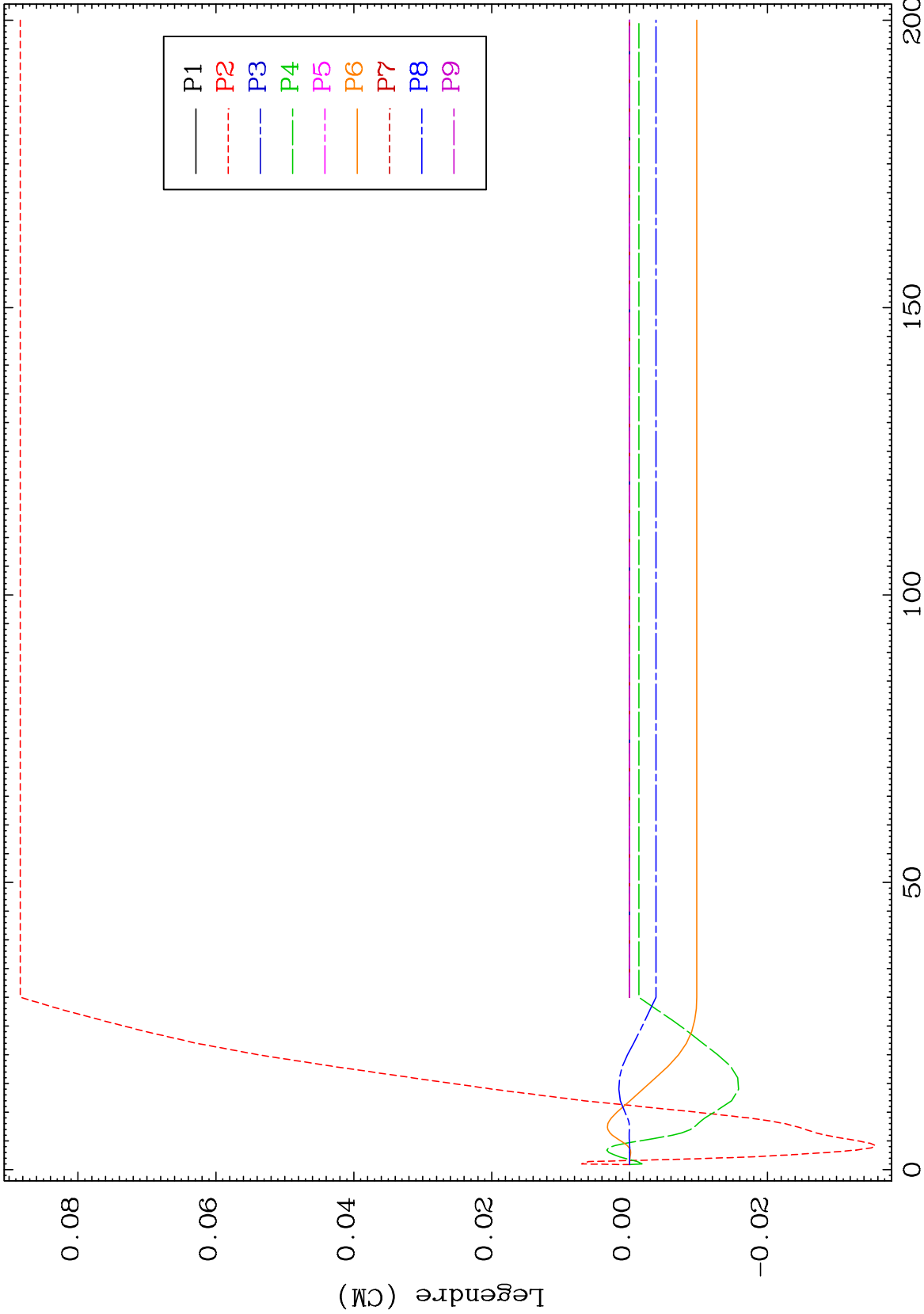
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



52

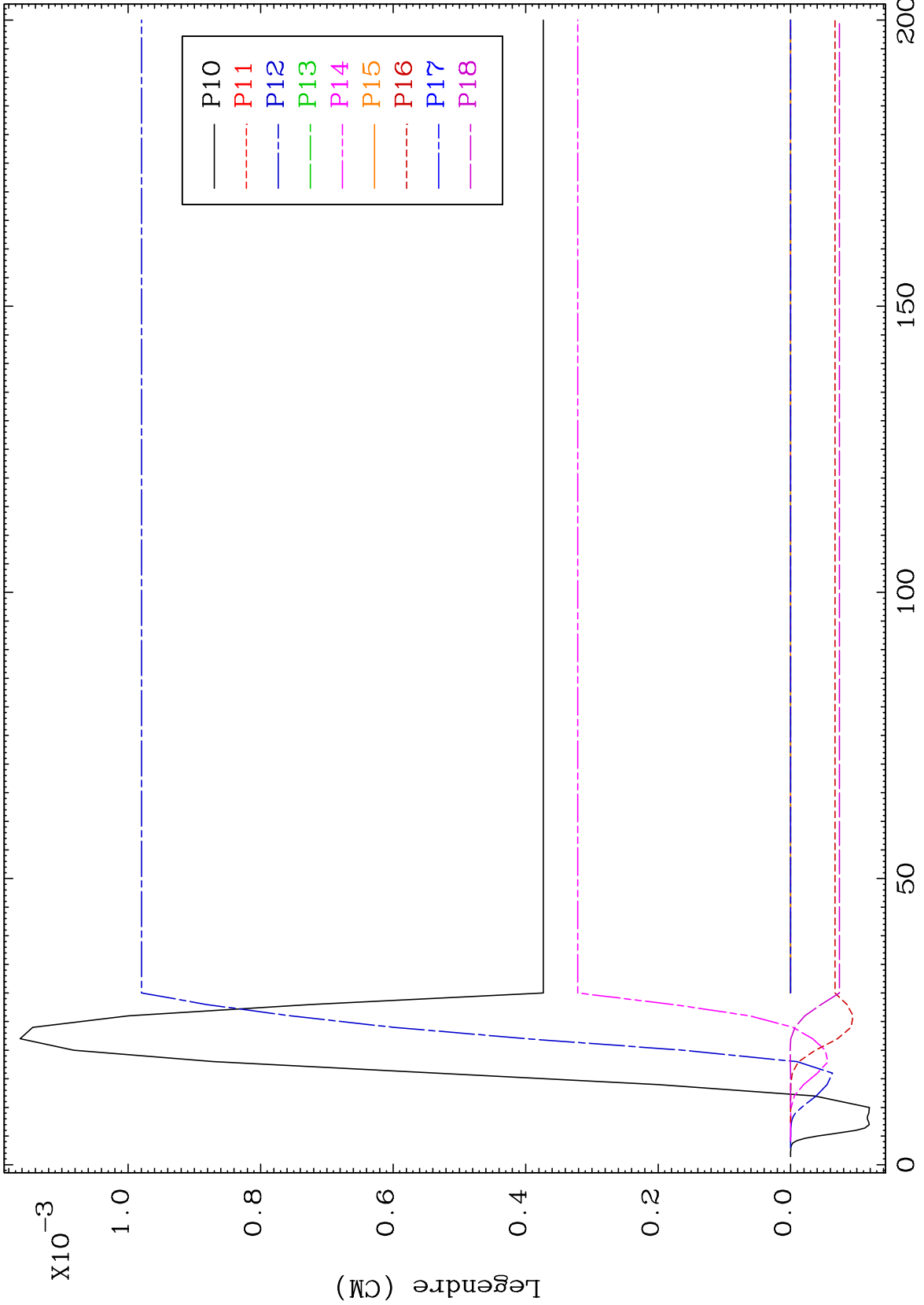
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



53

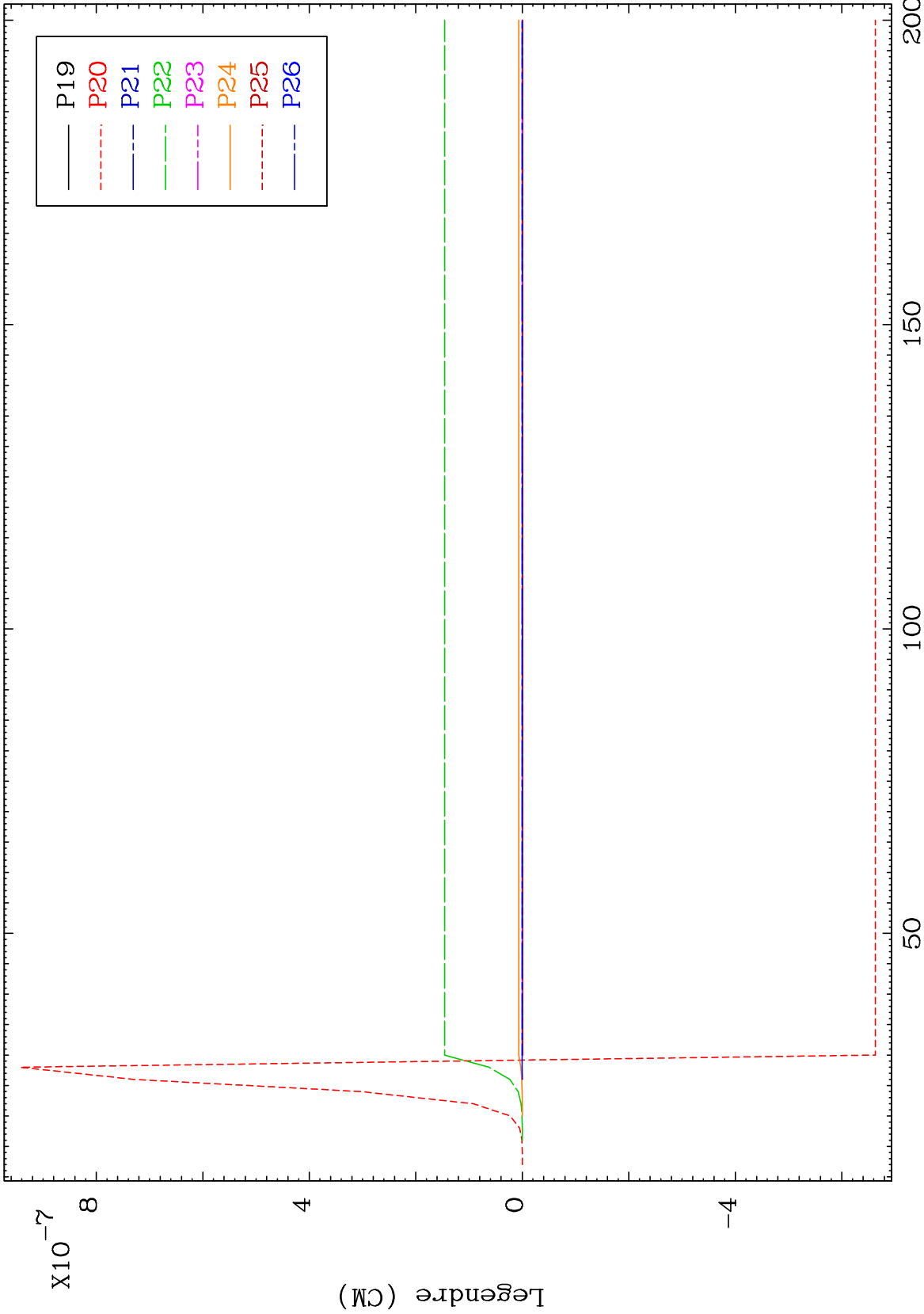
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



54

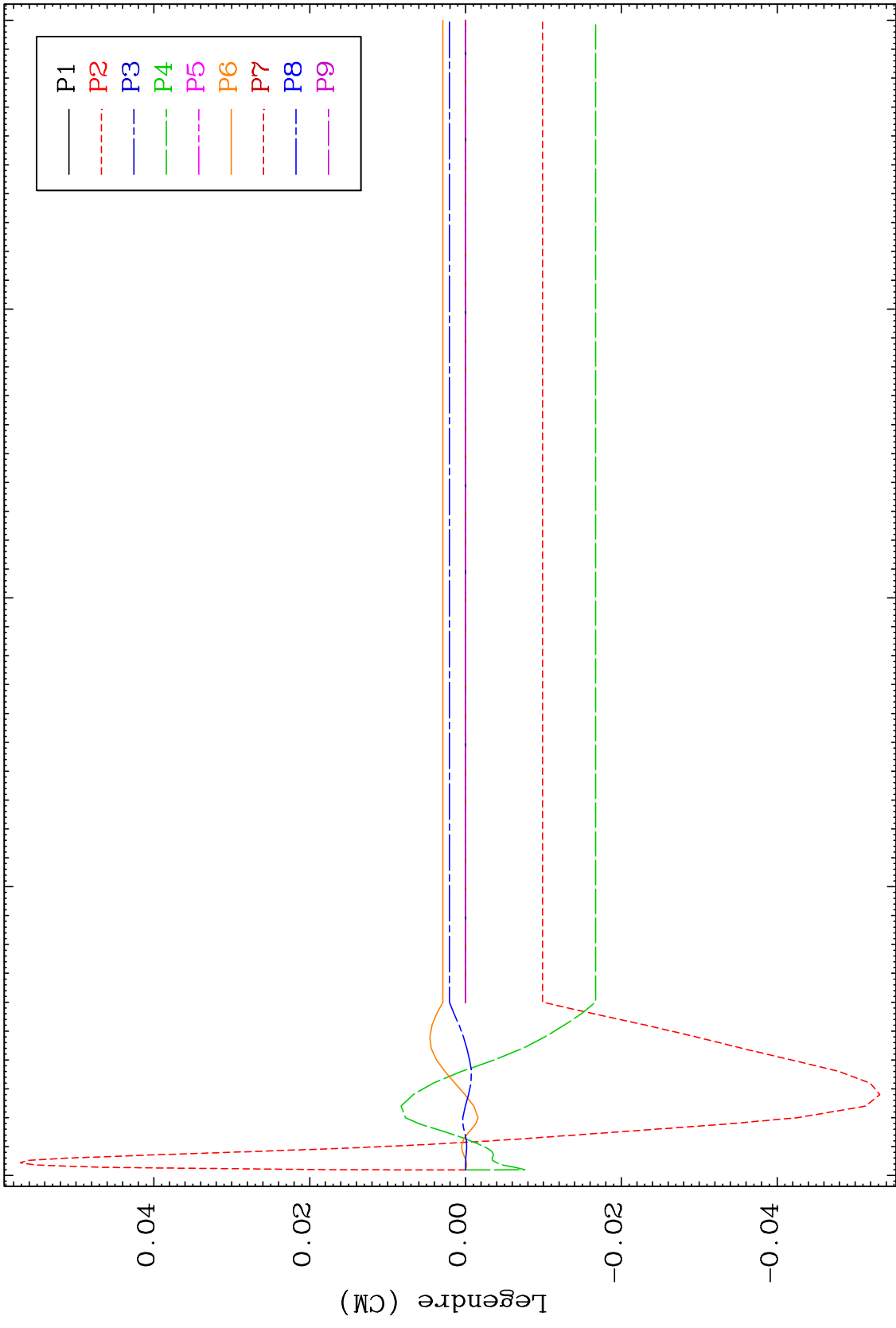
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



55

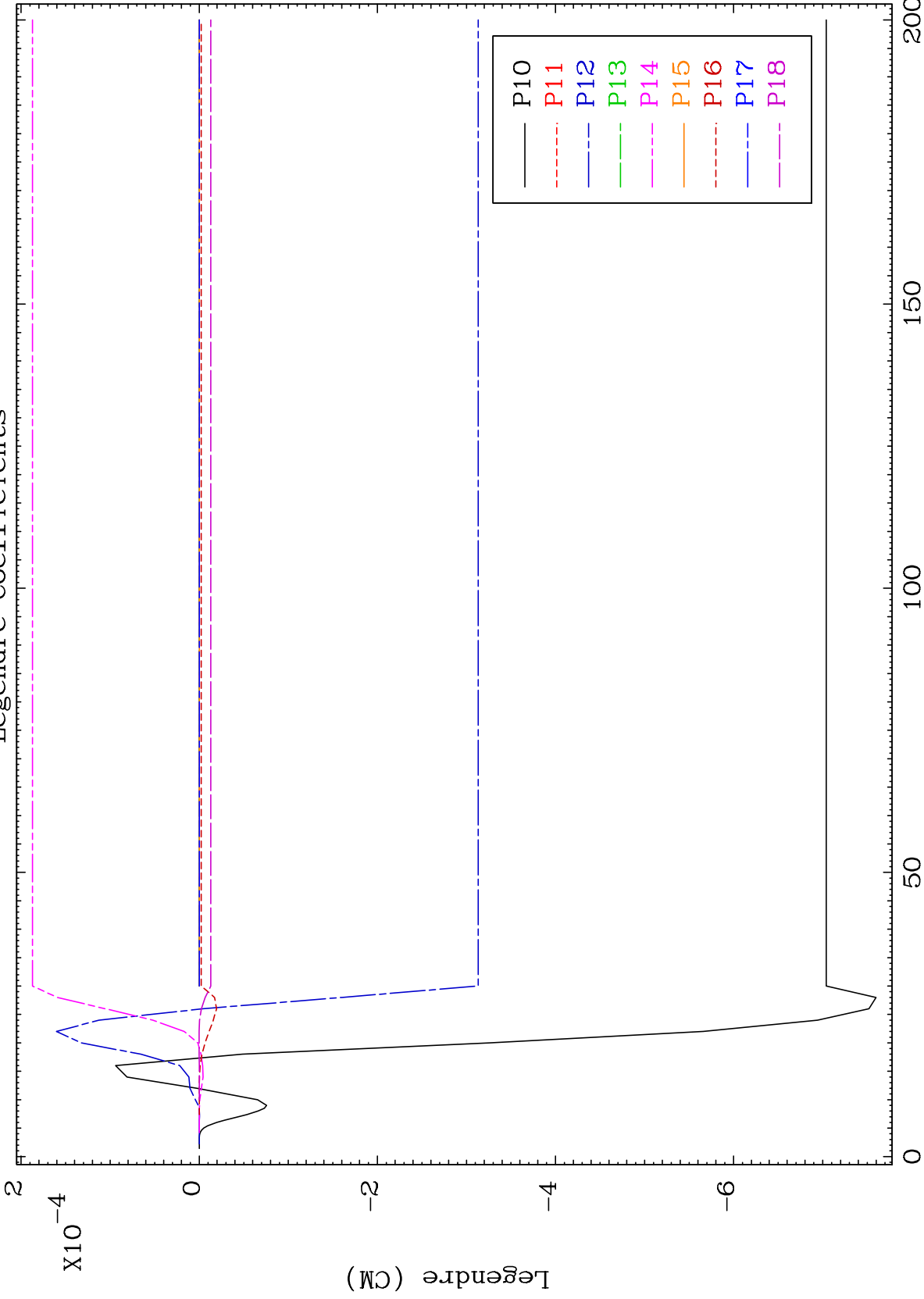
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



56

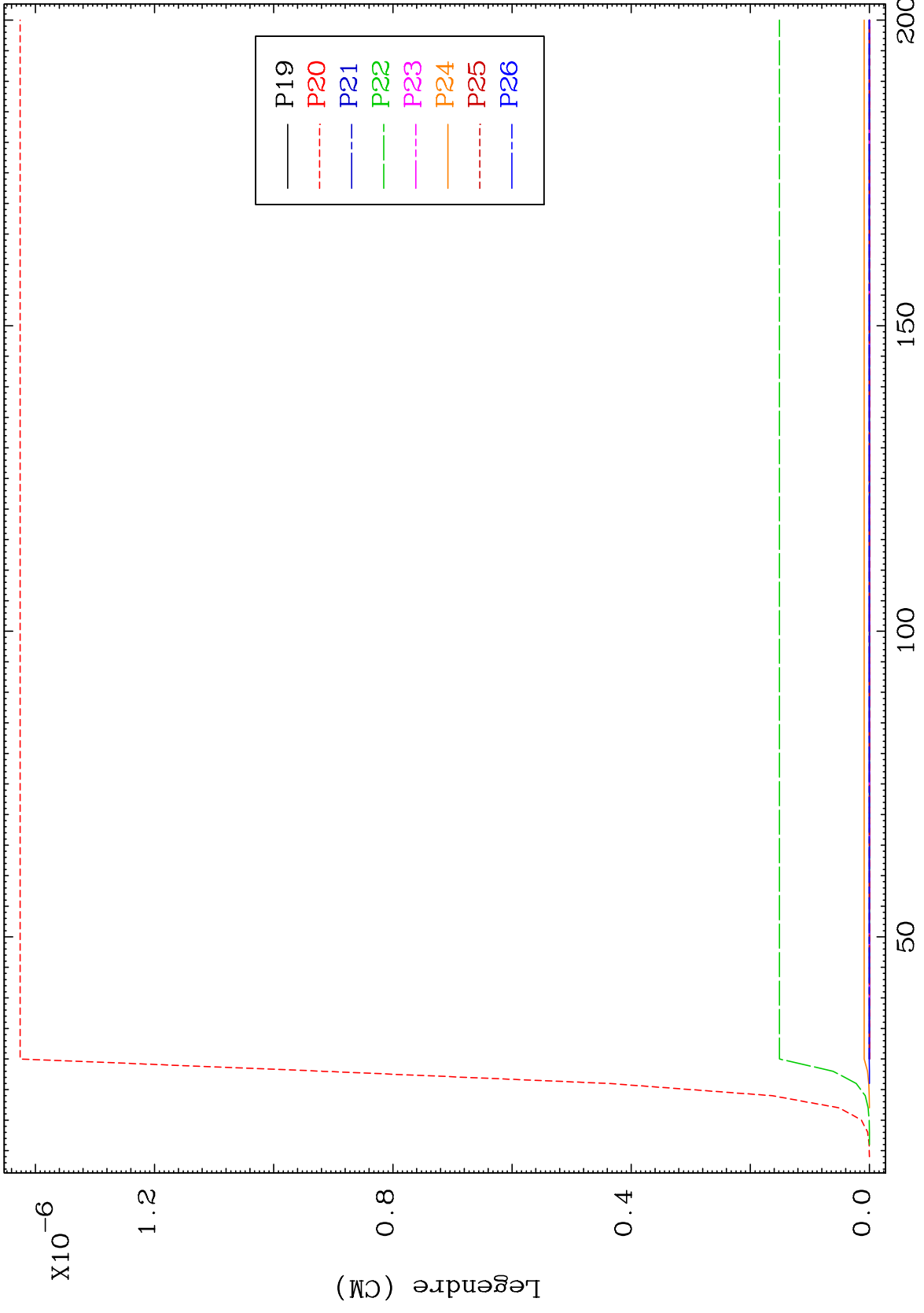
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



57

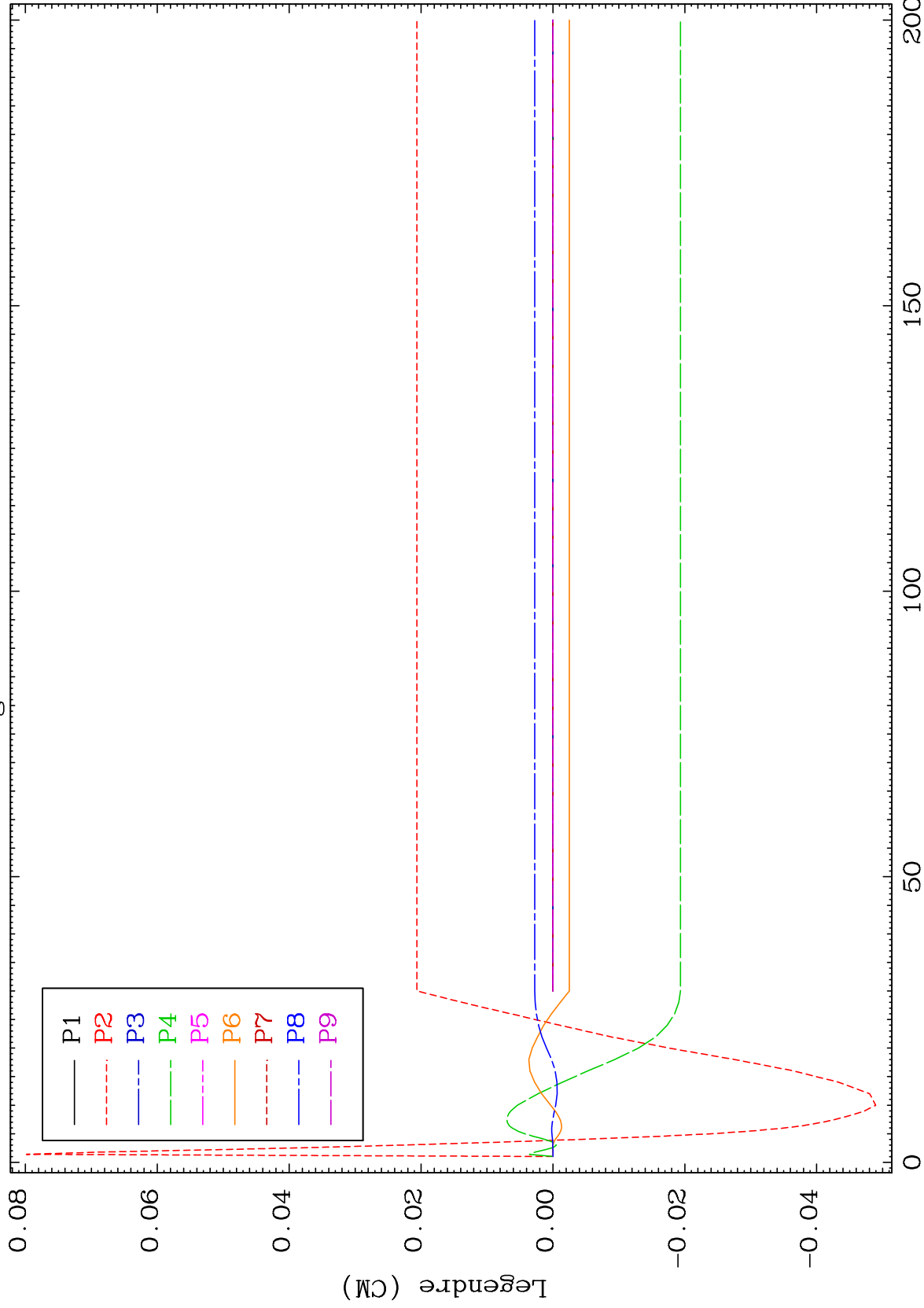
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



58

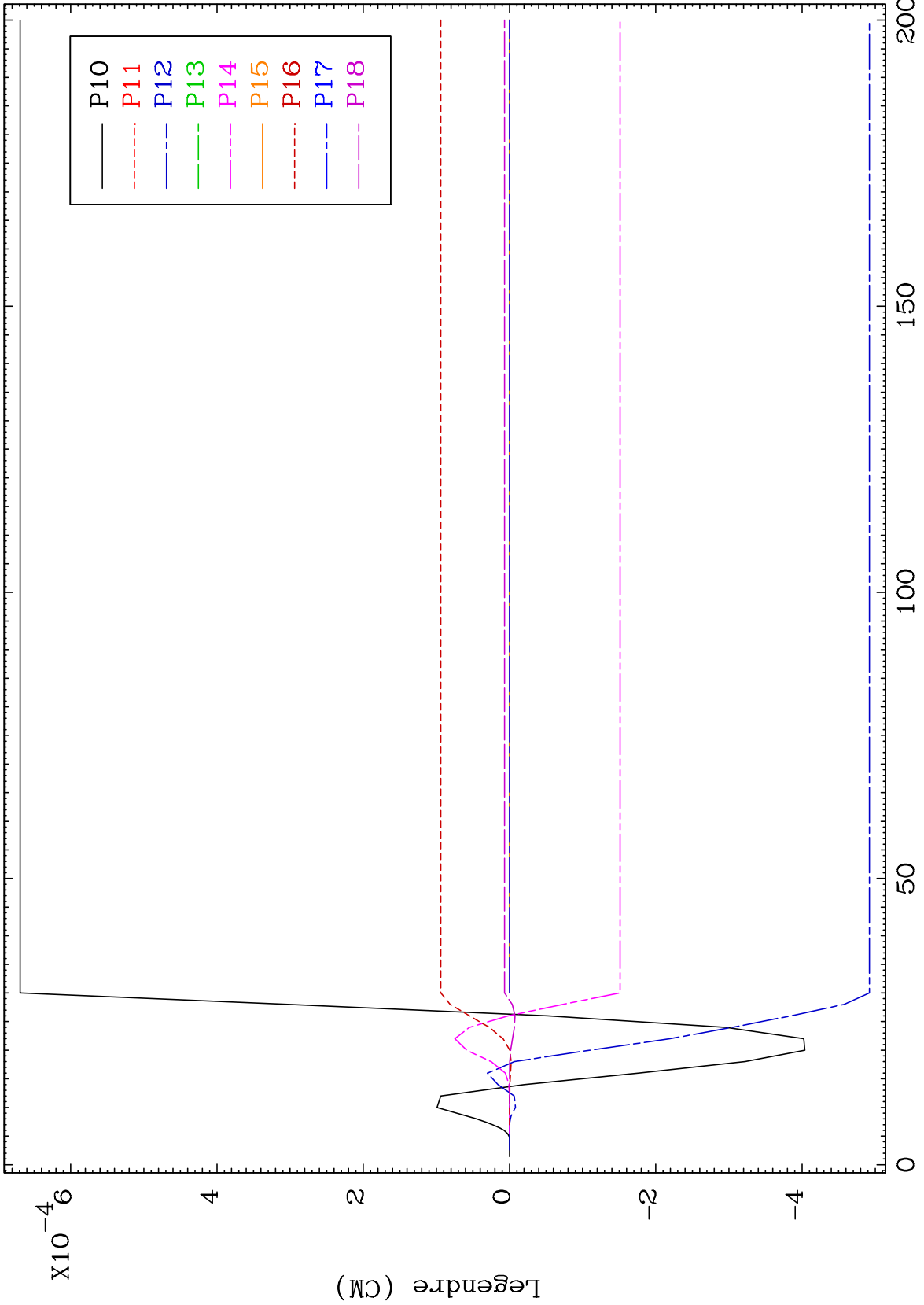
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



59

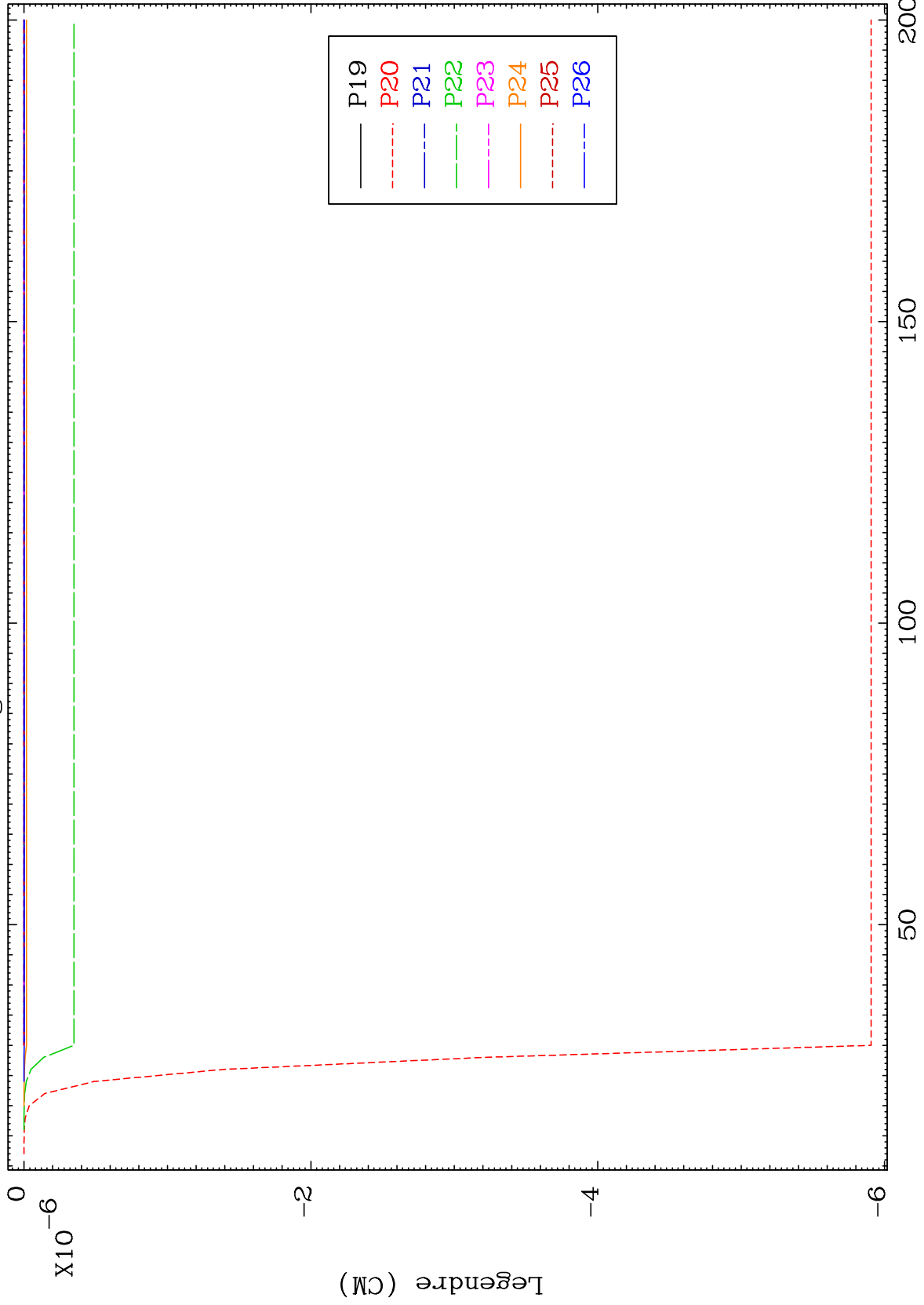
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



69-Tm-175

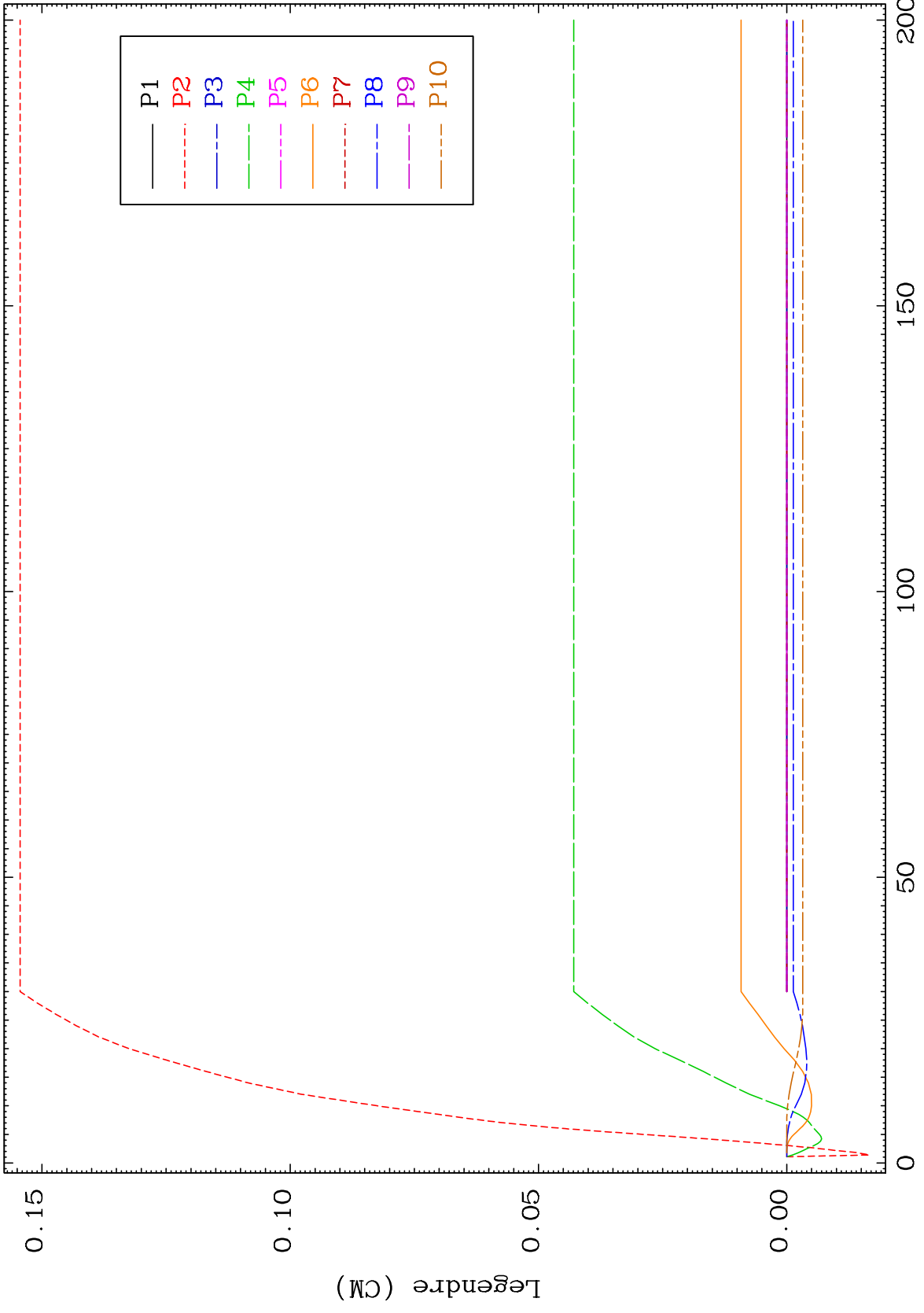
Incident Energy (MeV)

60

MAT 6943

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

69-Tm-175



61

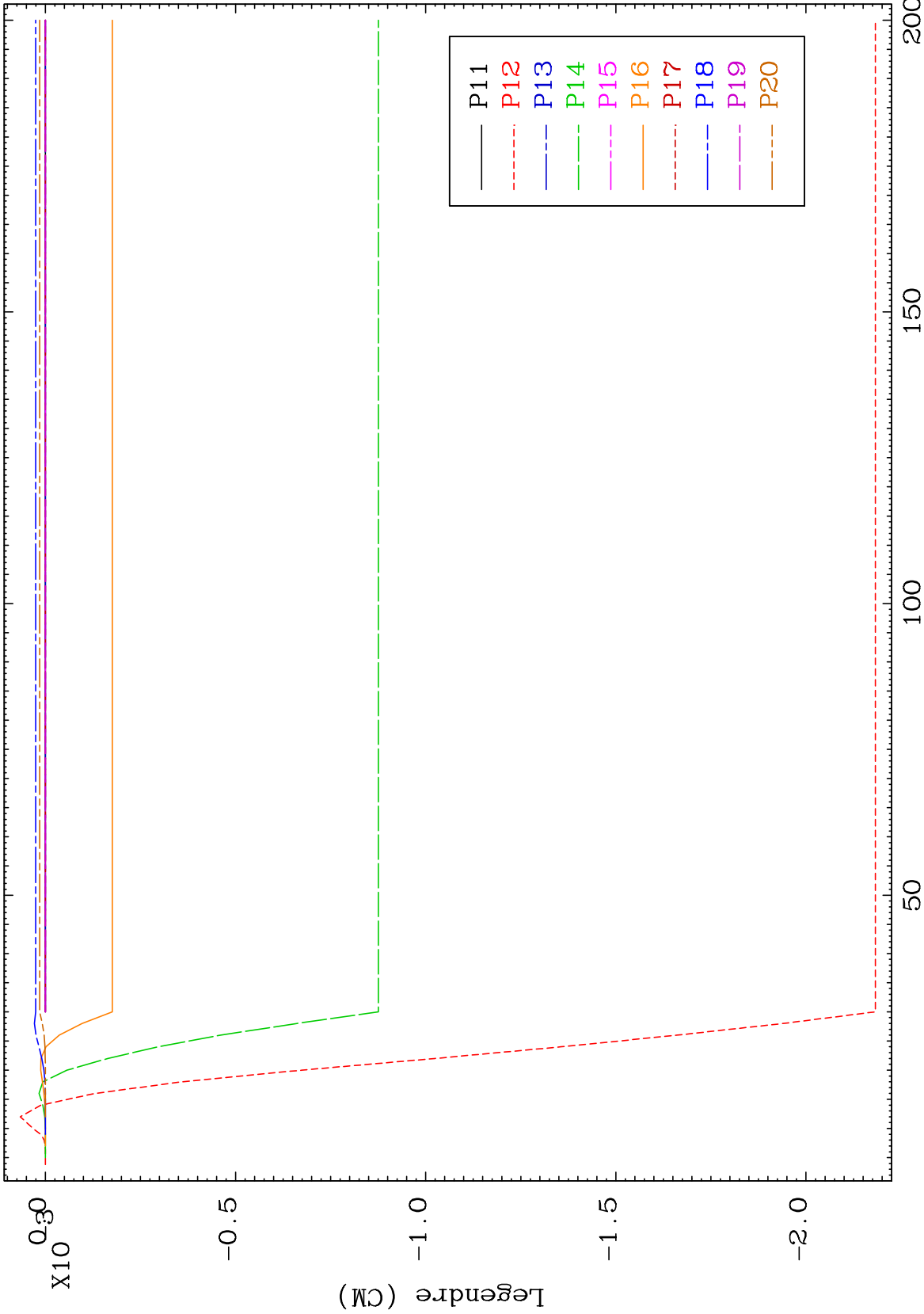
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



62

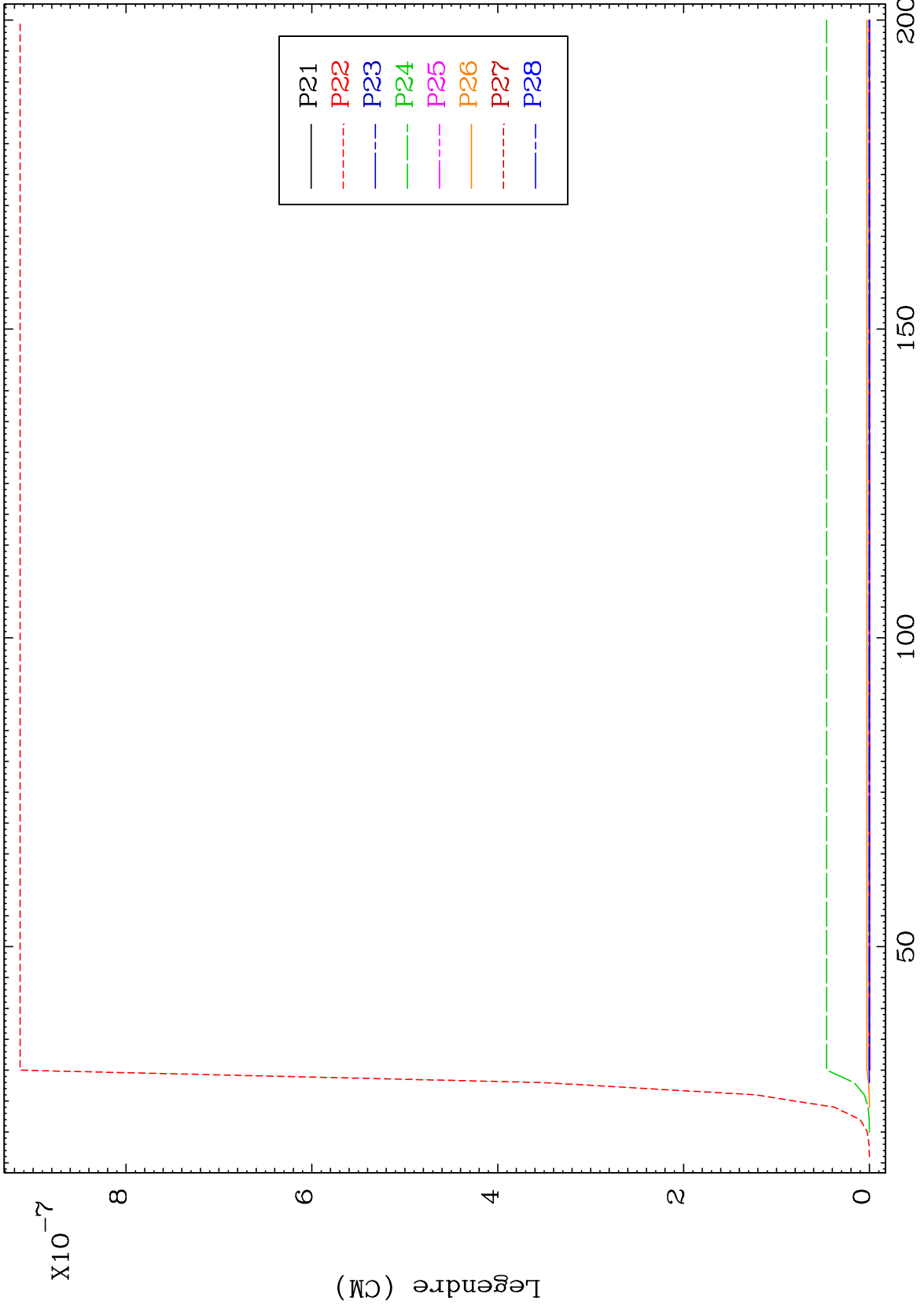
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



63

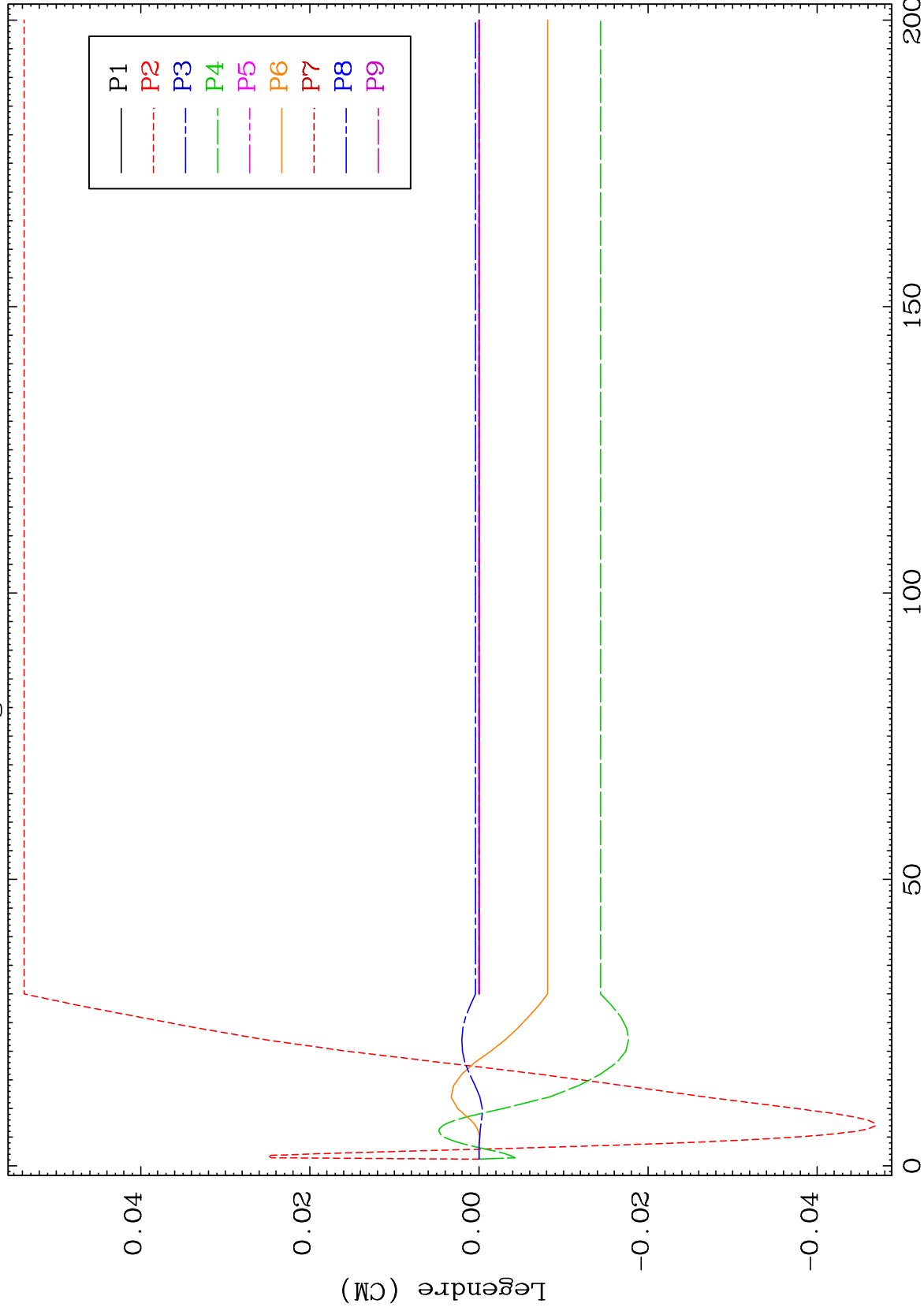
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



64

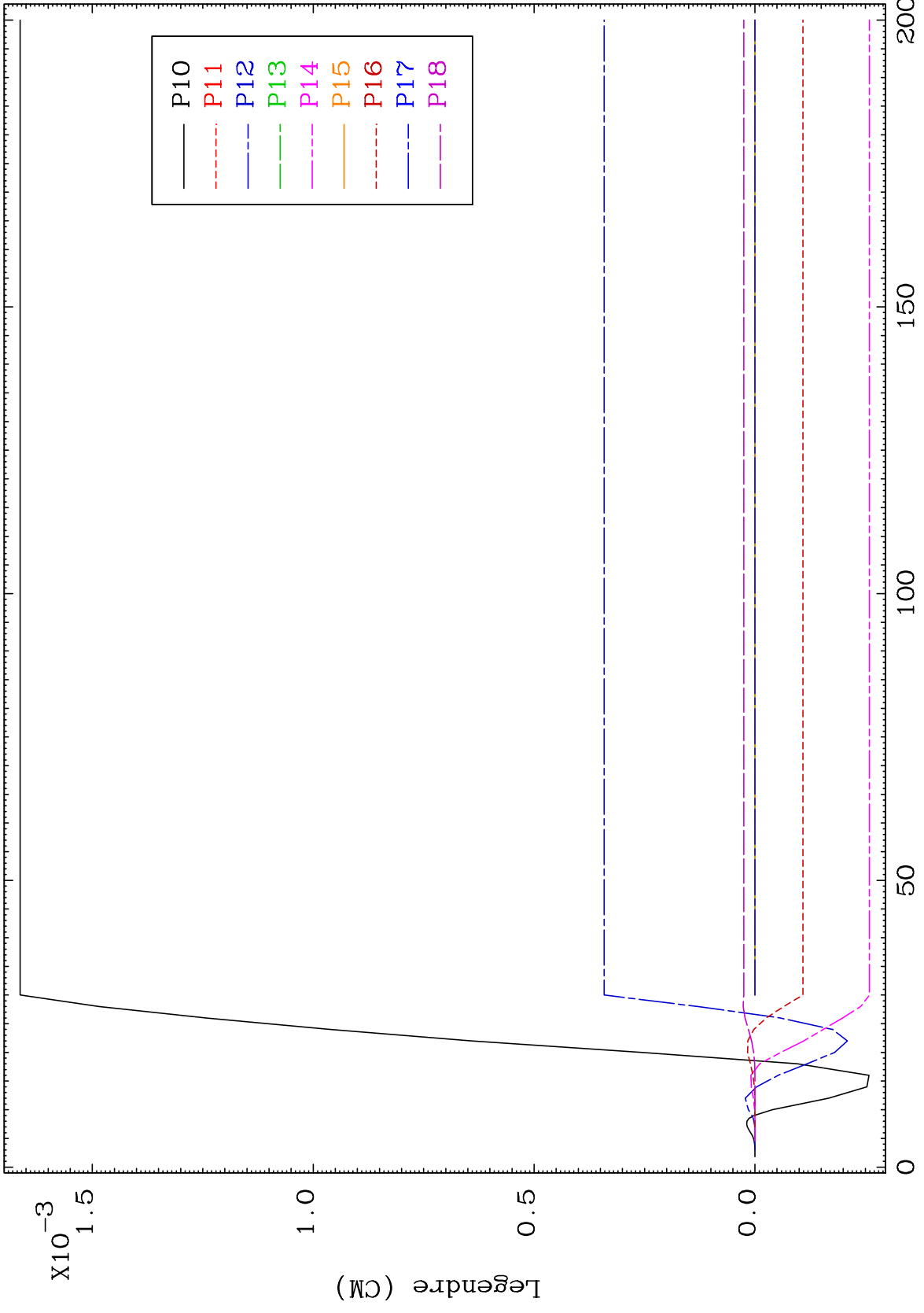
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



65

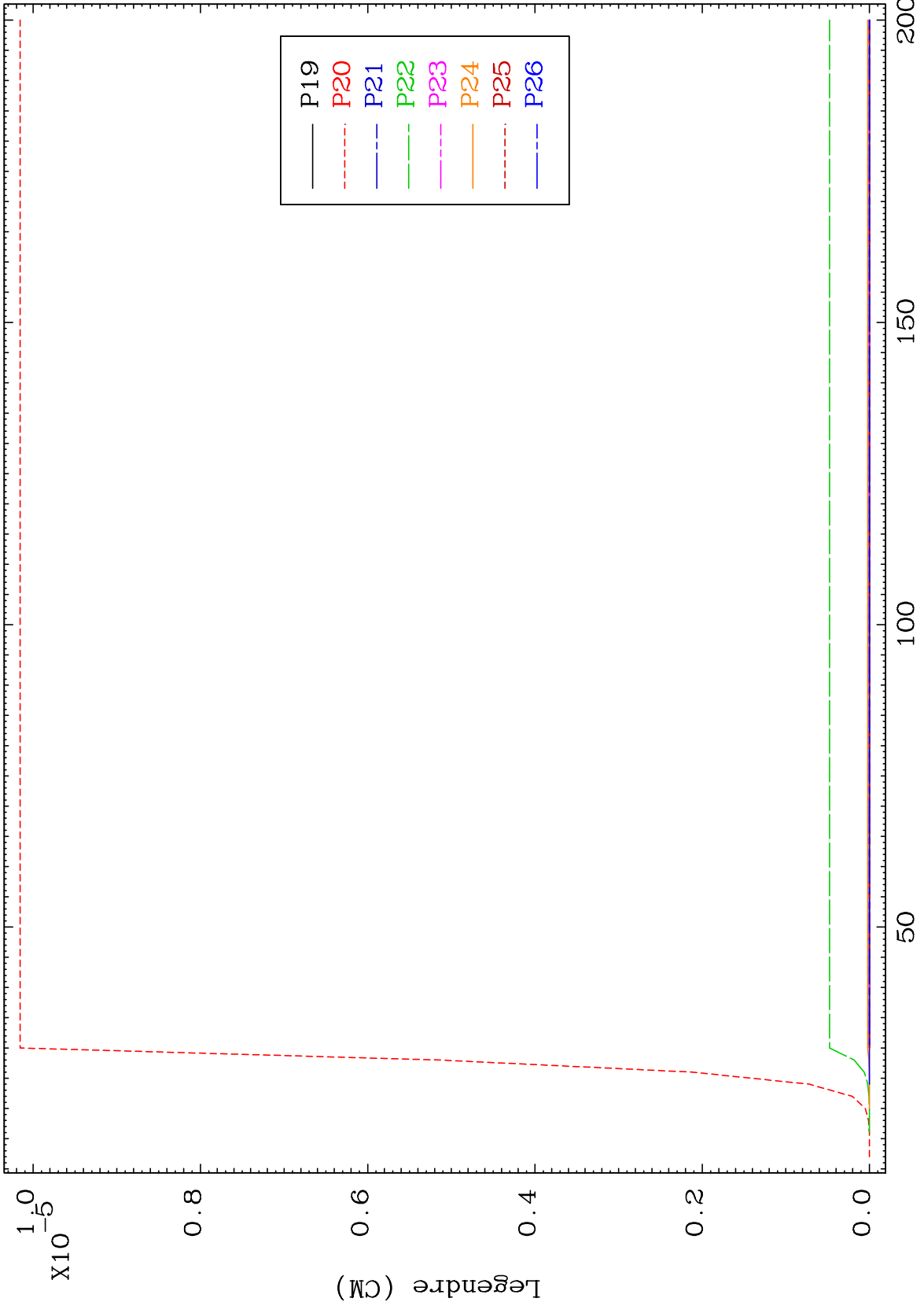
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175

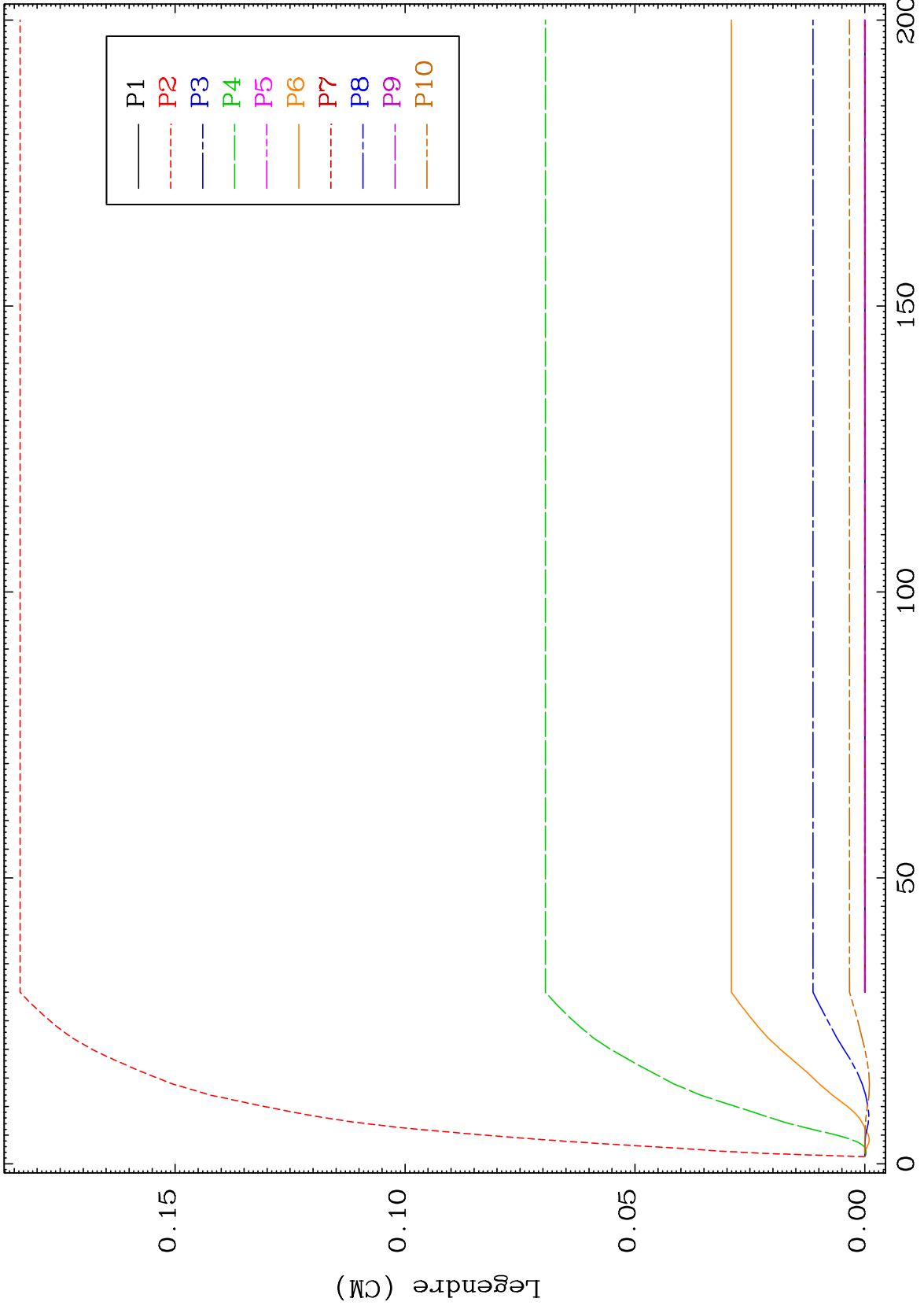


66

Incident Energy (MeV)

69-Tm-175

MAT 6943 MT= 66 (n,n') Level Legendre Coefficients 69-Tm-175

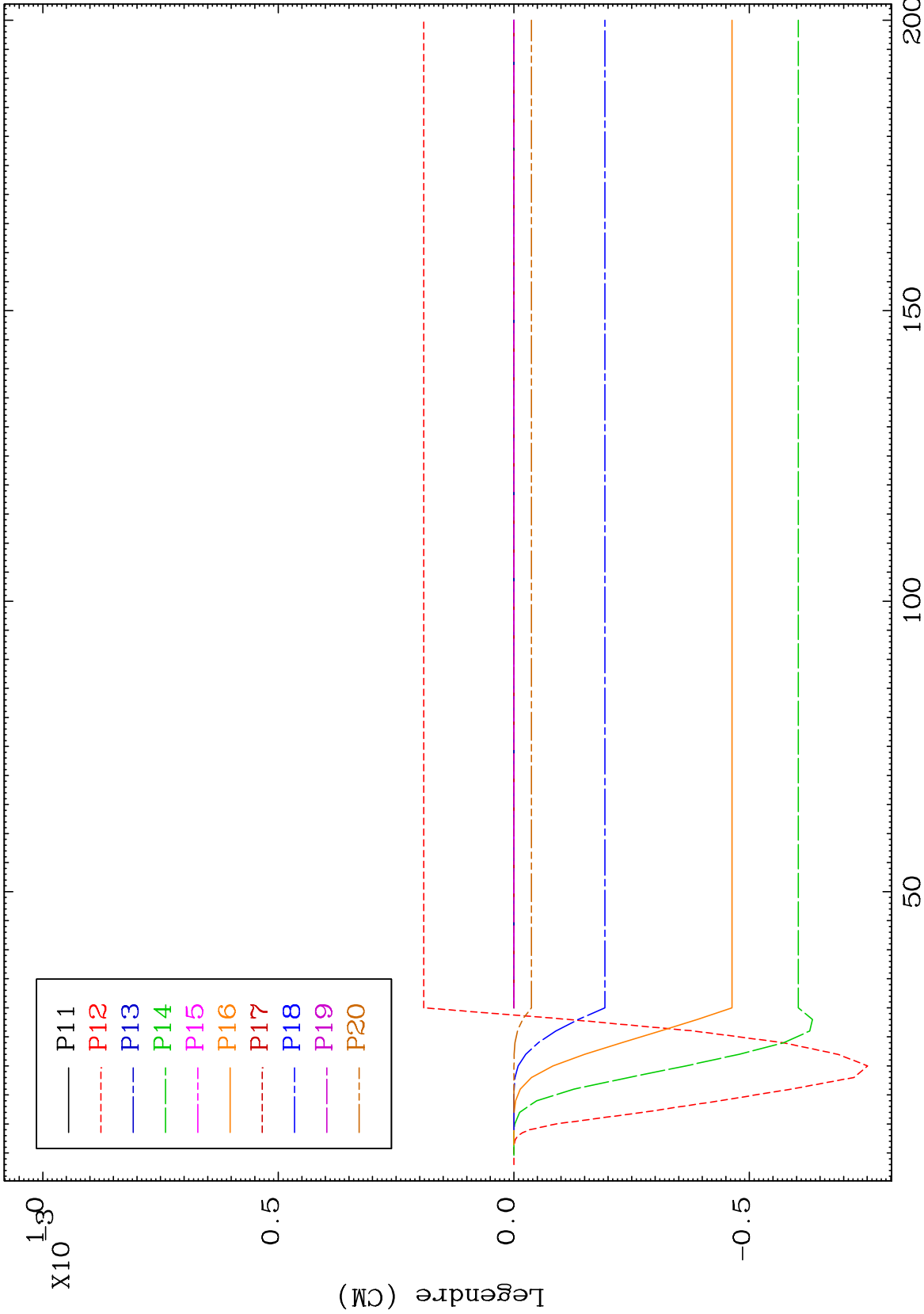


67 Incident Energy (MeV) 69-Tm-175

MAT 6943

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

69-Tm-175



68

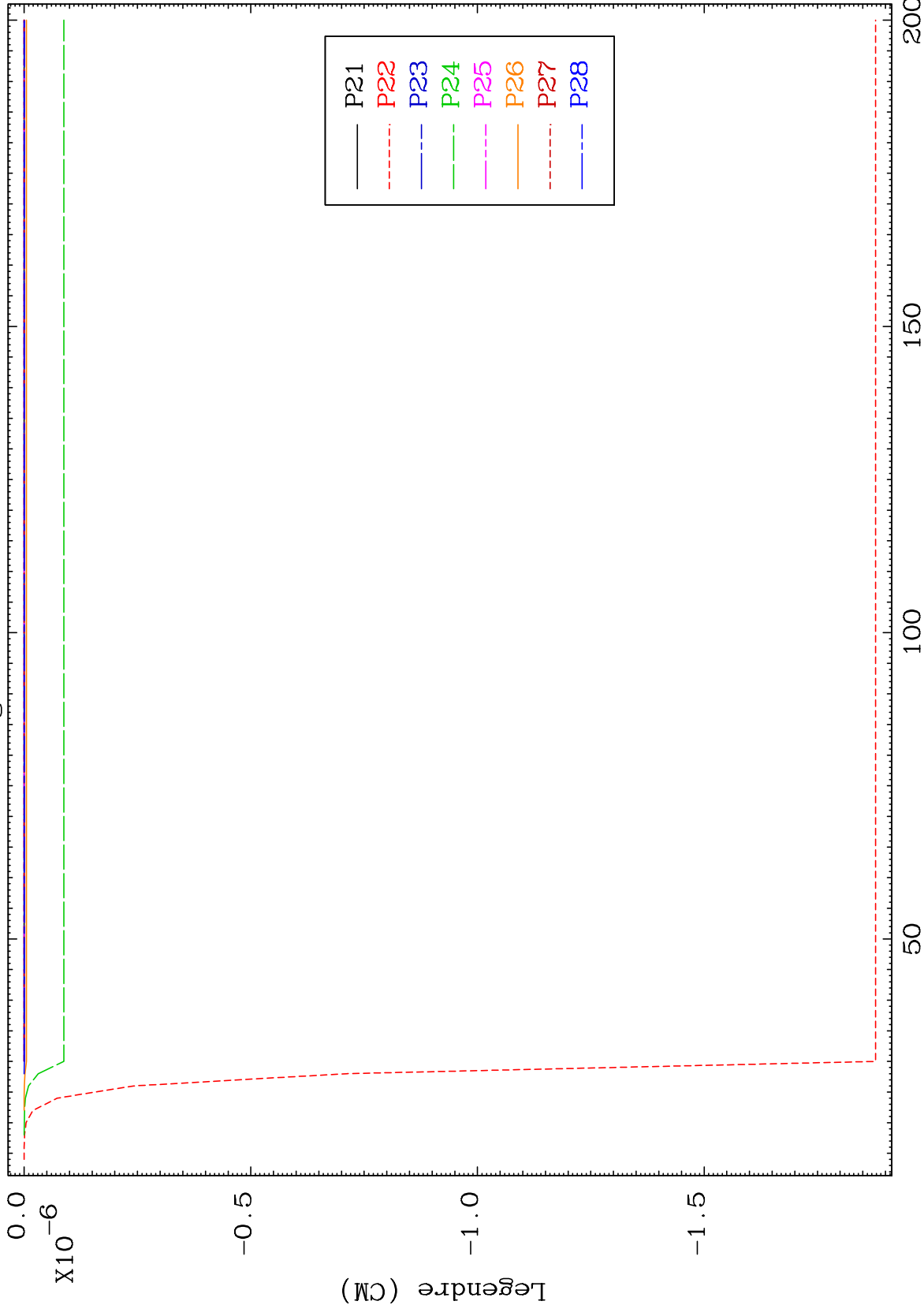
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



69-Tm-175

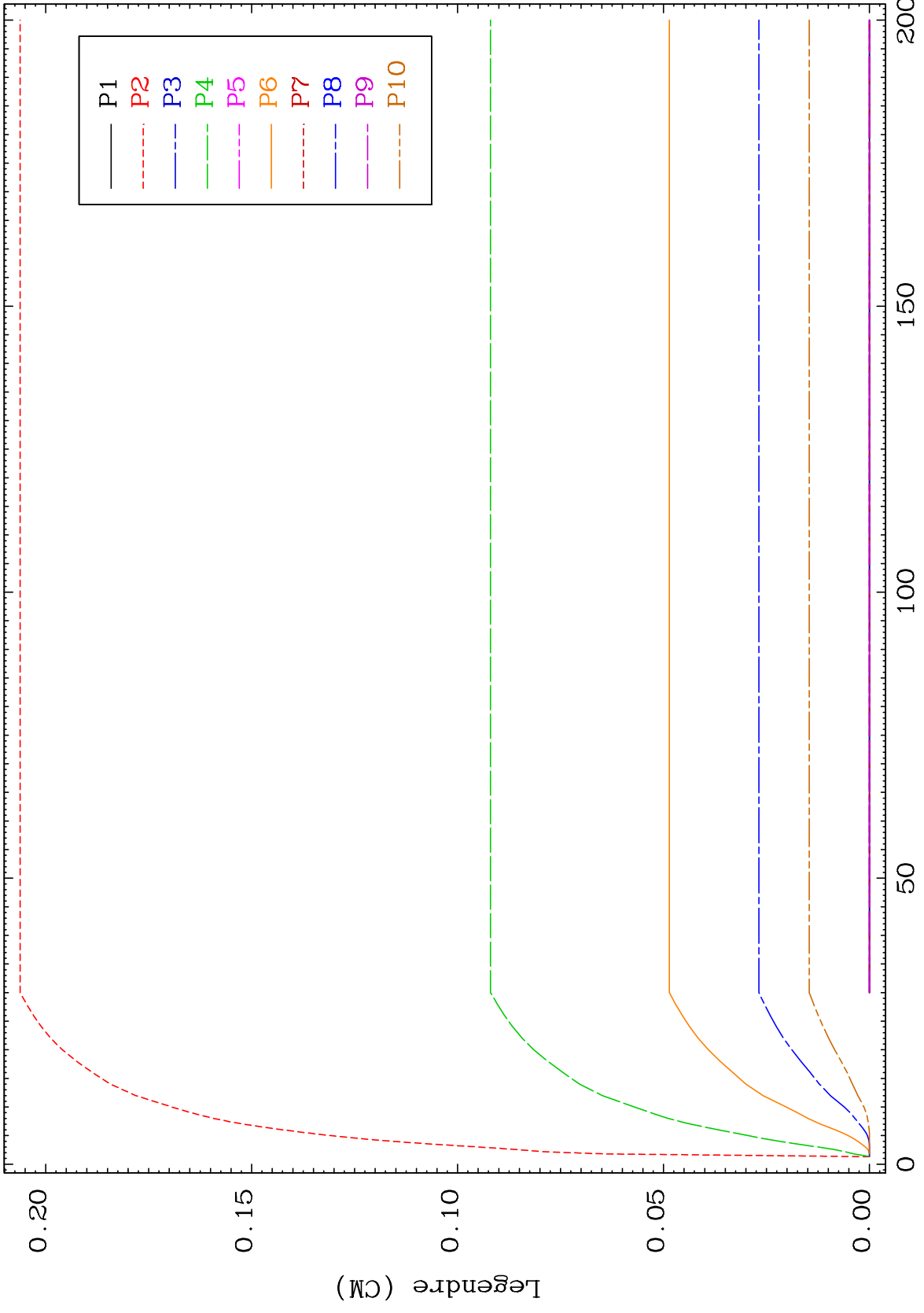
Incident Energy (MeV)

69

MAT 6943

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

69-Tm-175



70

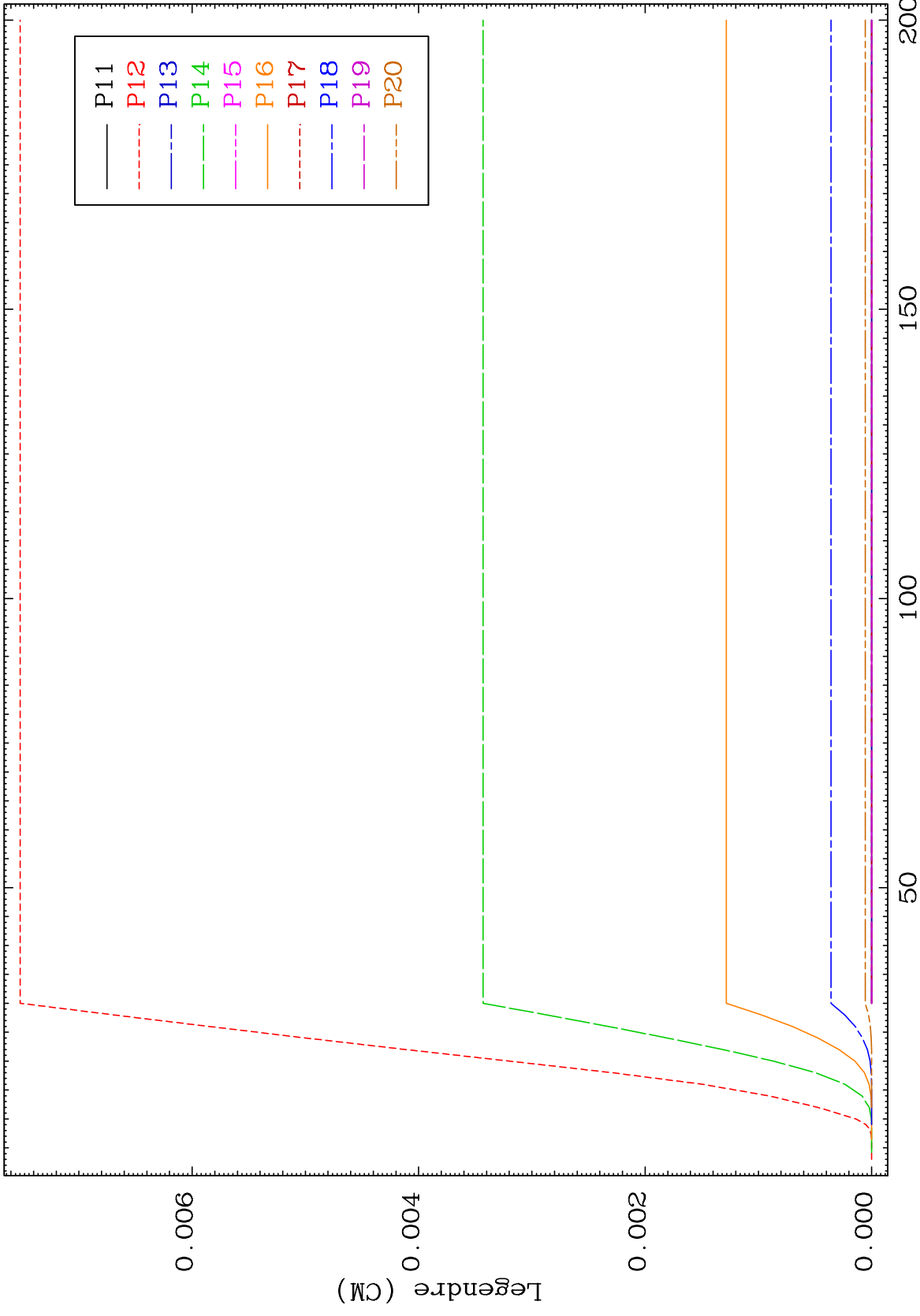
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



71

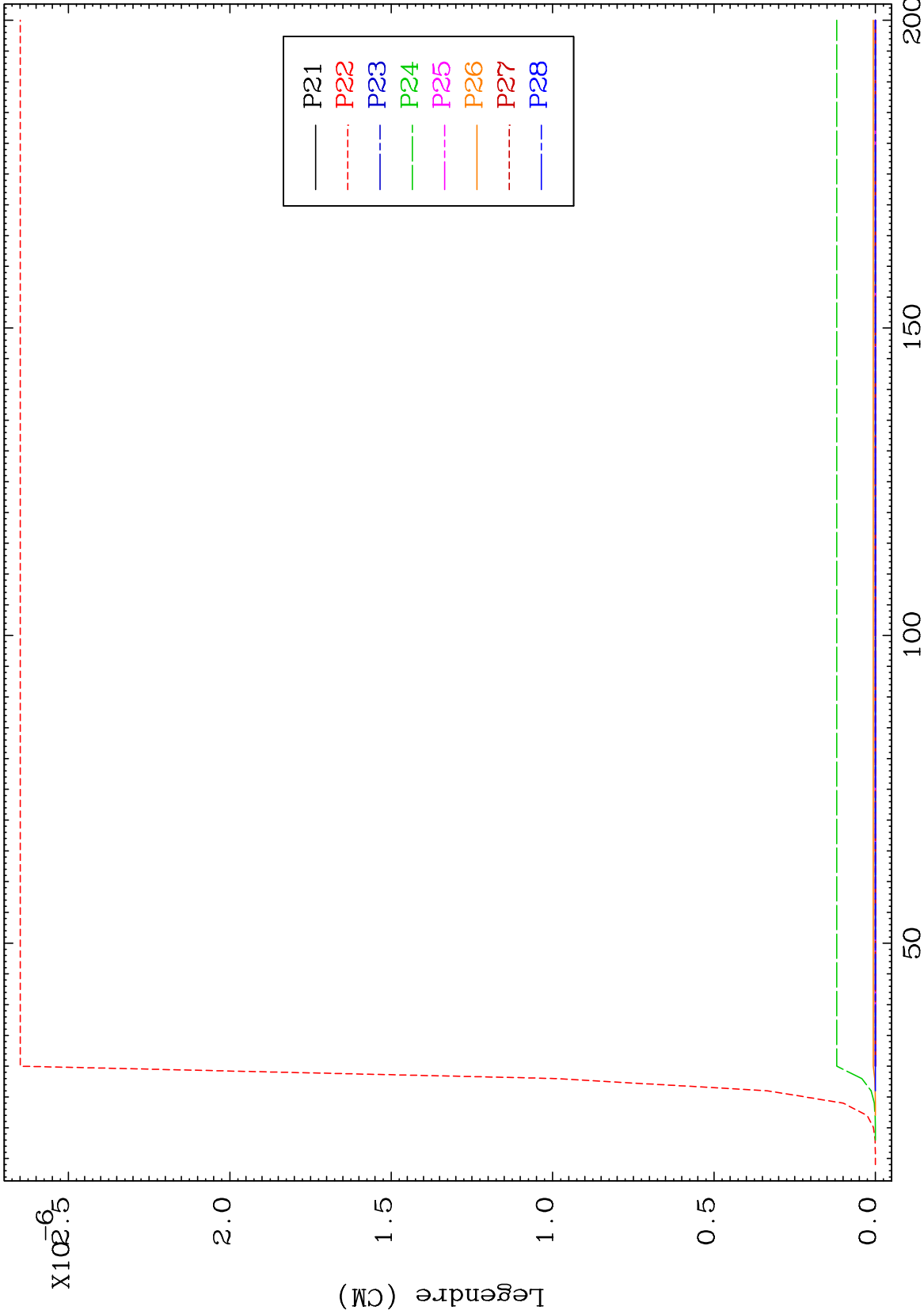
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175

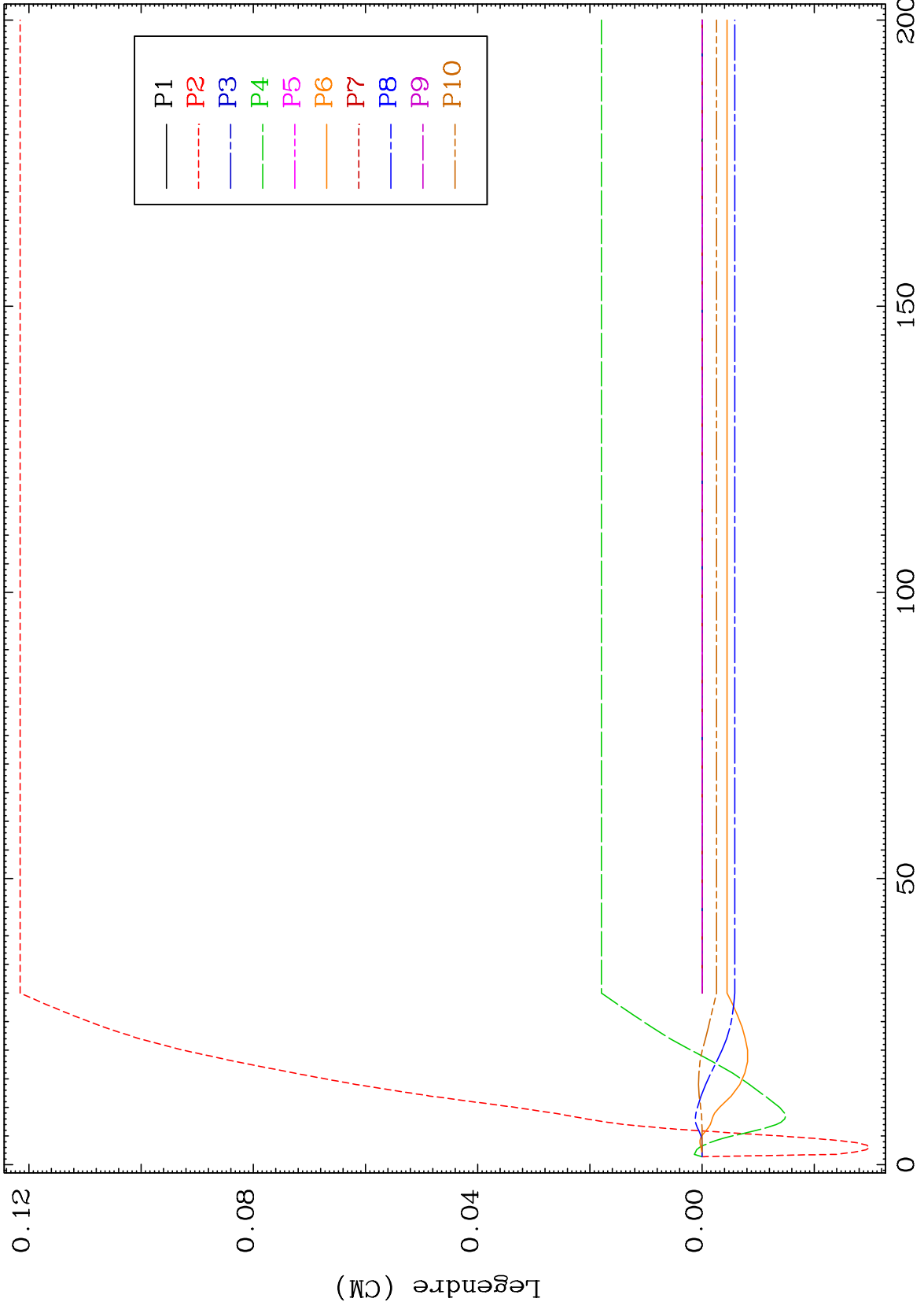


72

Incident Energy (MeV)

69-Tm-175

MAT 6943 MT= 68 (n,n') Level Legendre Coefficients 69-Tm-175

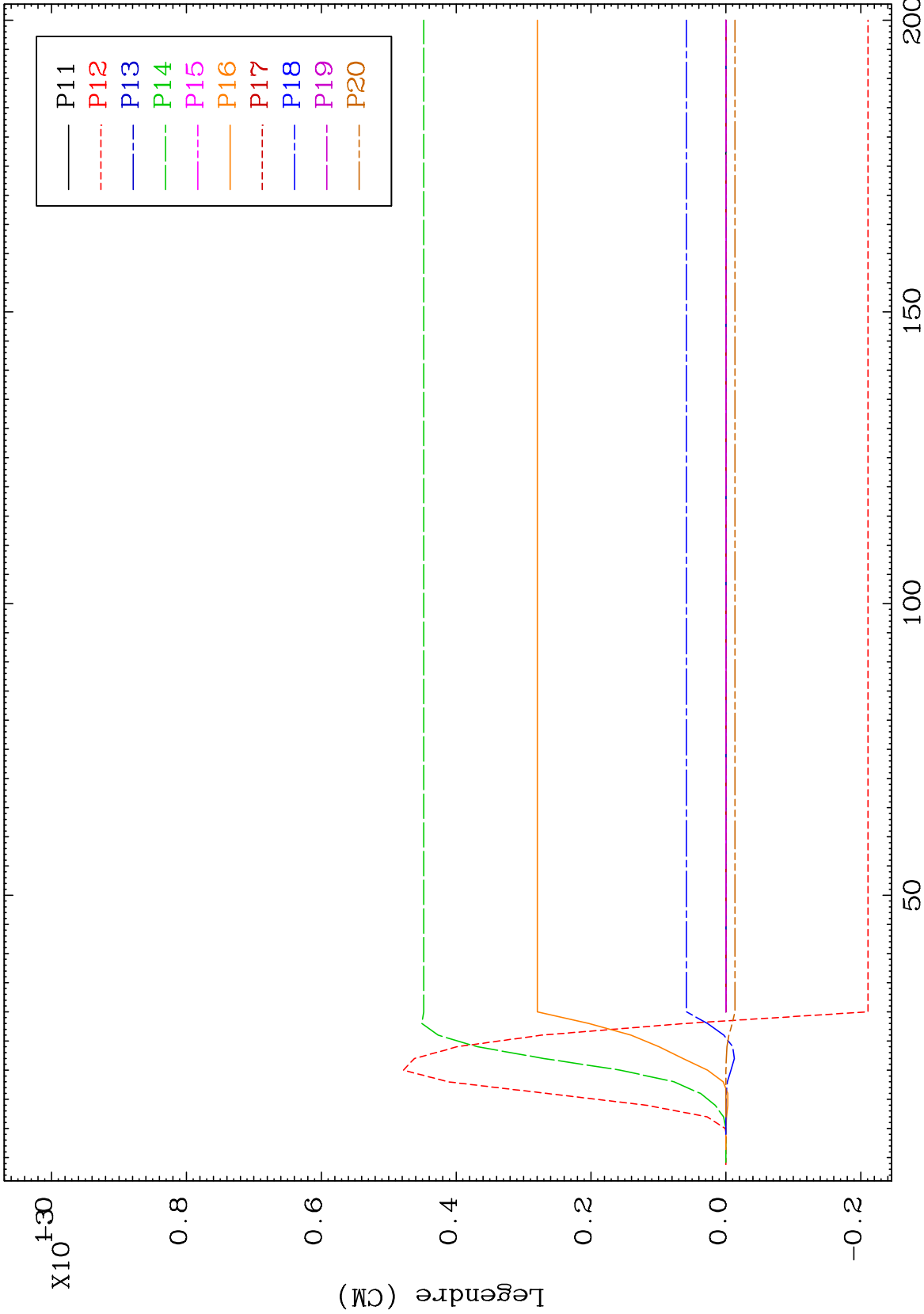


73 Incident Energy (MeV) 69-Tm-175

MAT 6943

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

69-Tm-175



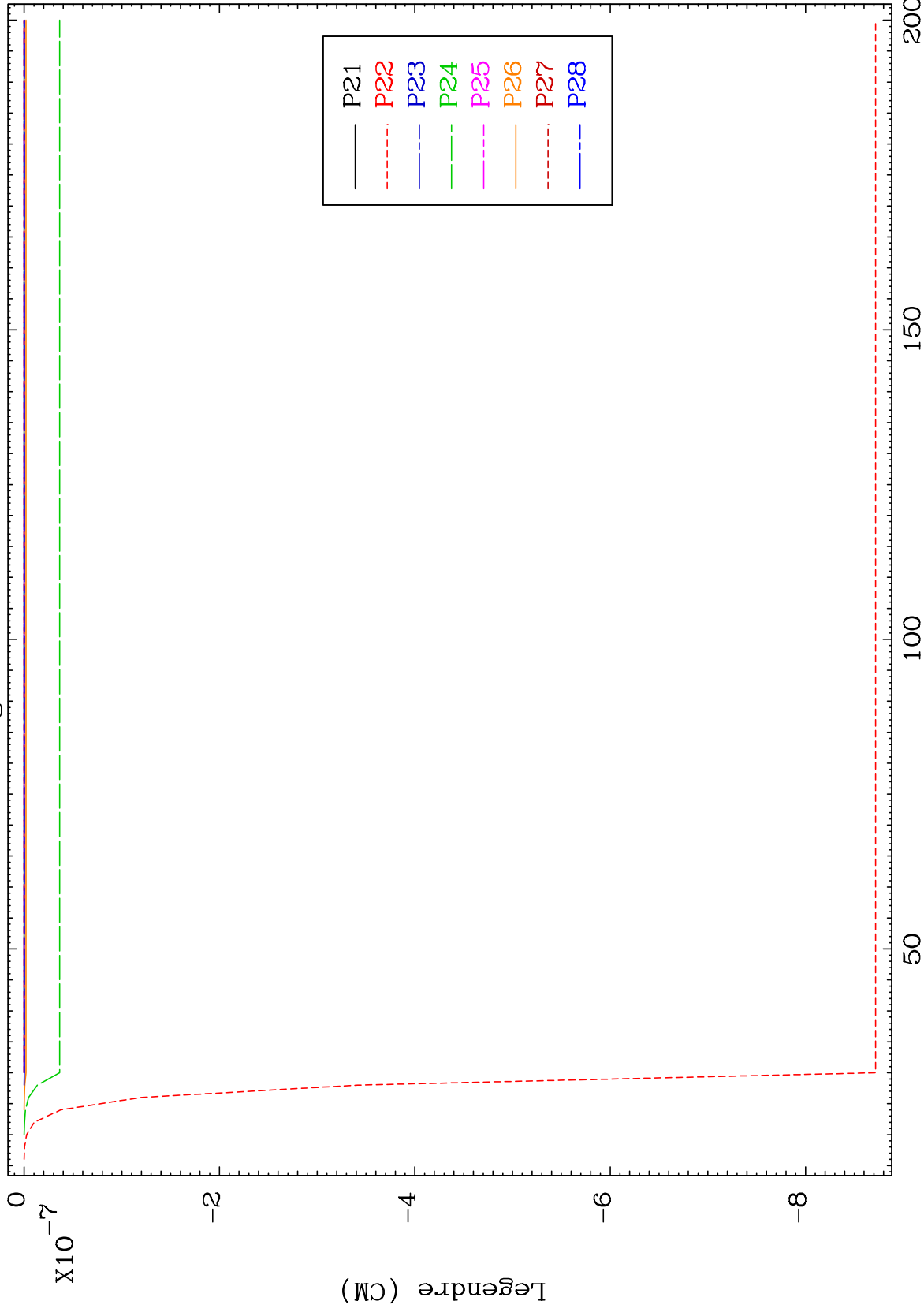
74

69-Tm-175

MAT 6943

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

69-Tm-175



69-Tm-175

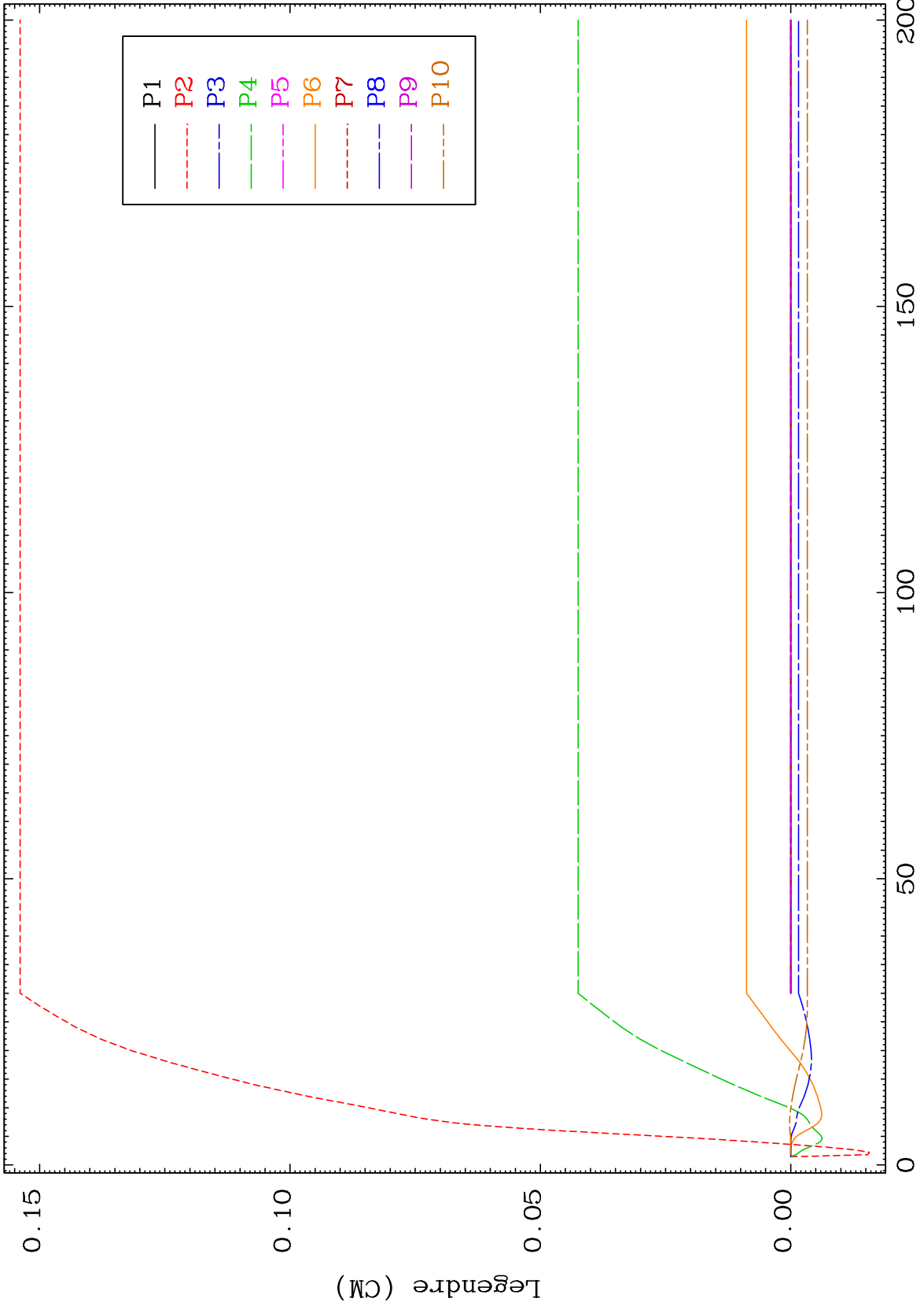
Incident Energy (MeV)

75

MAT 6943

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

69-Tm-175



76

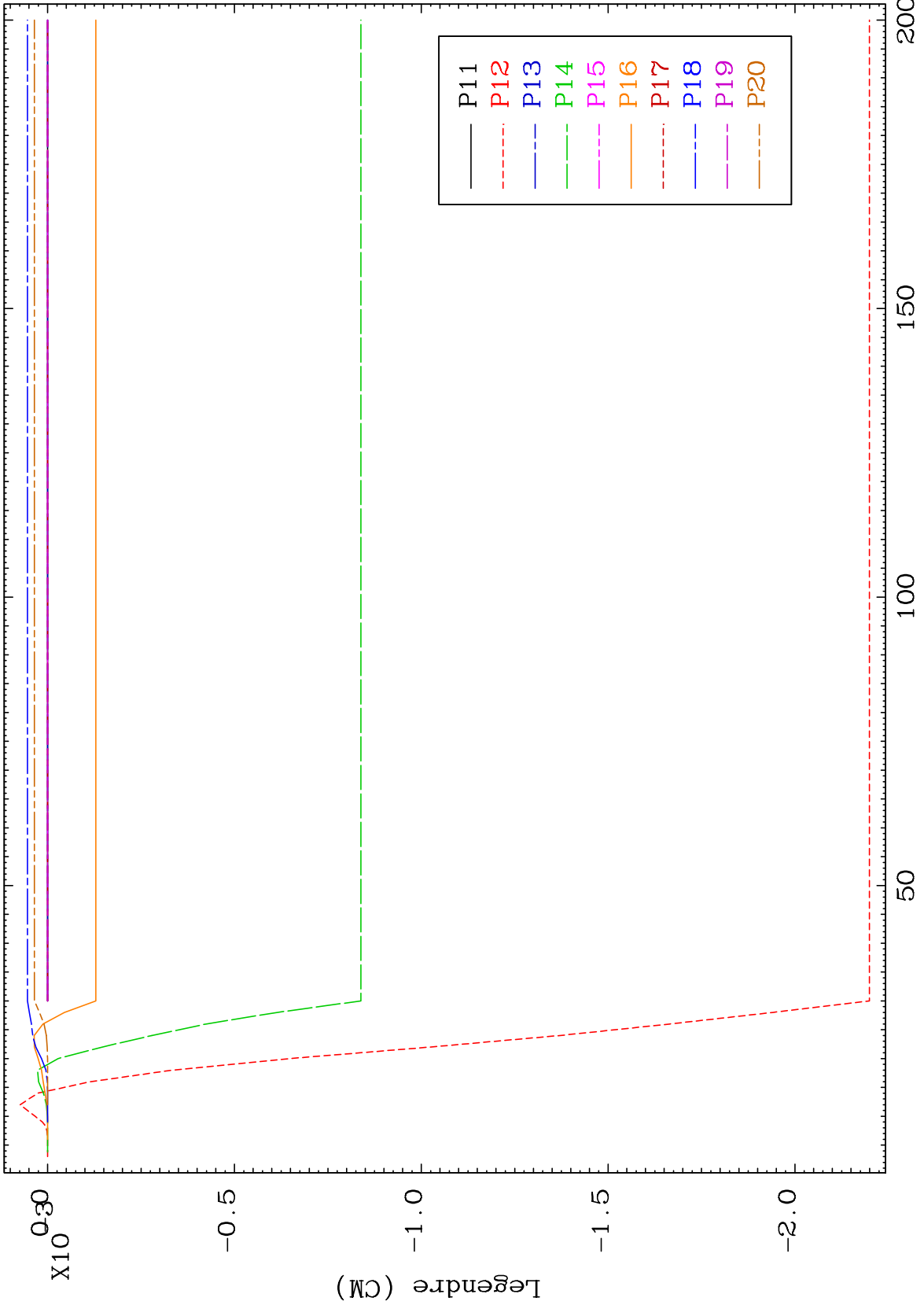
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



77

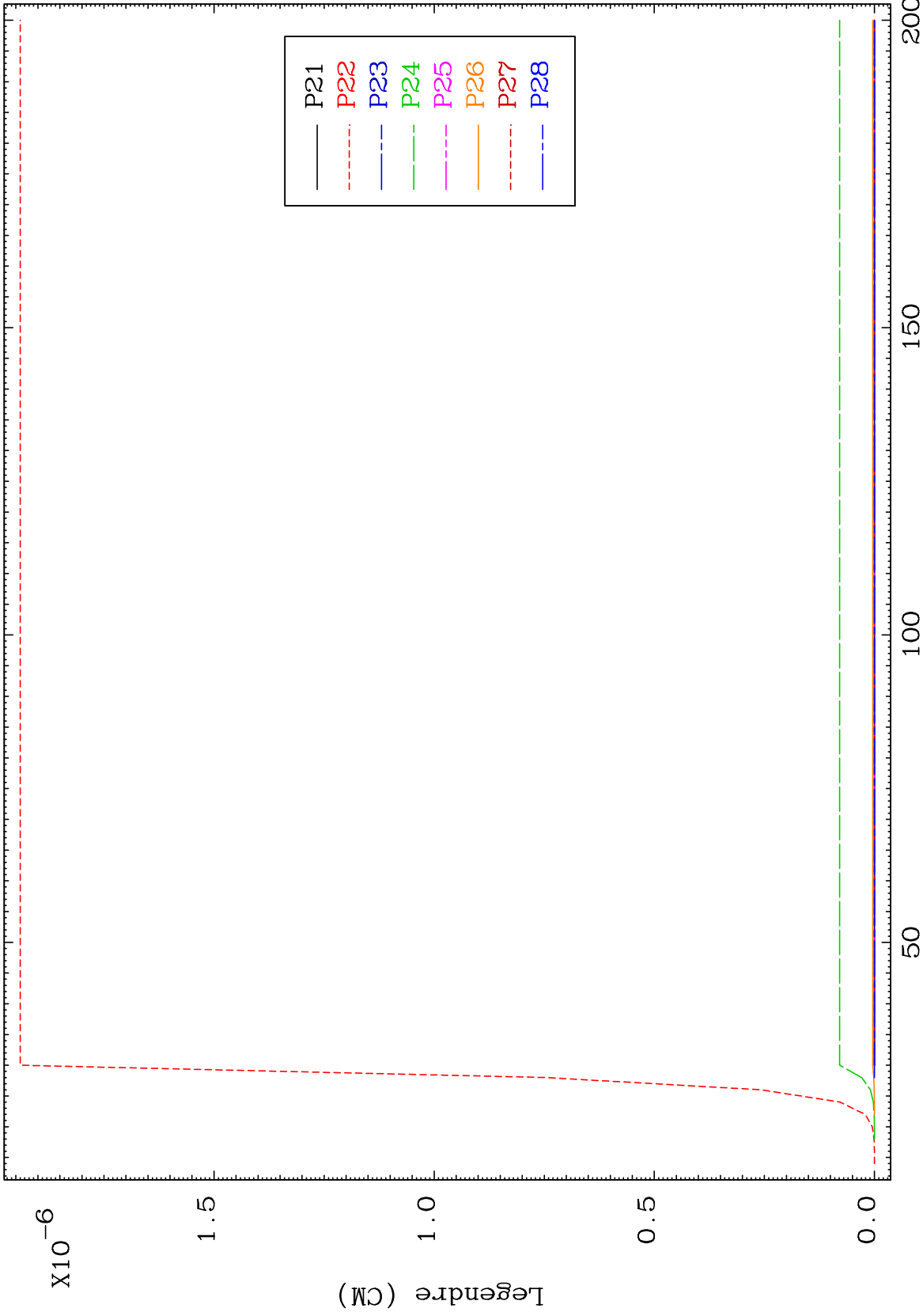
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



78

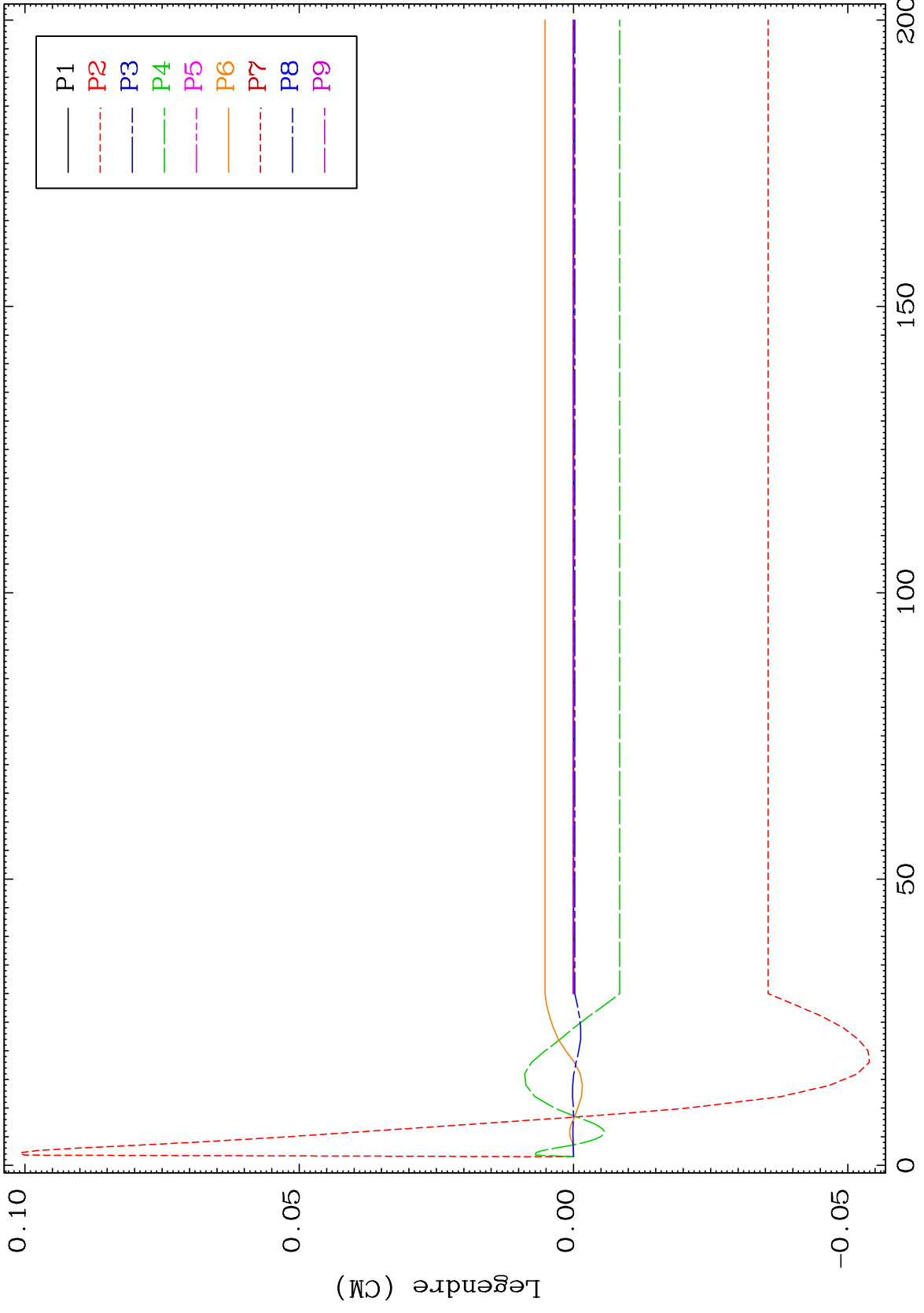
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



79

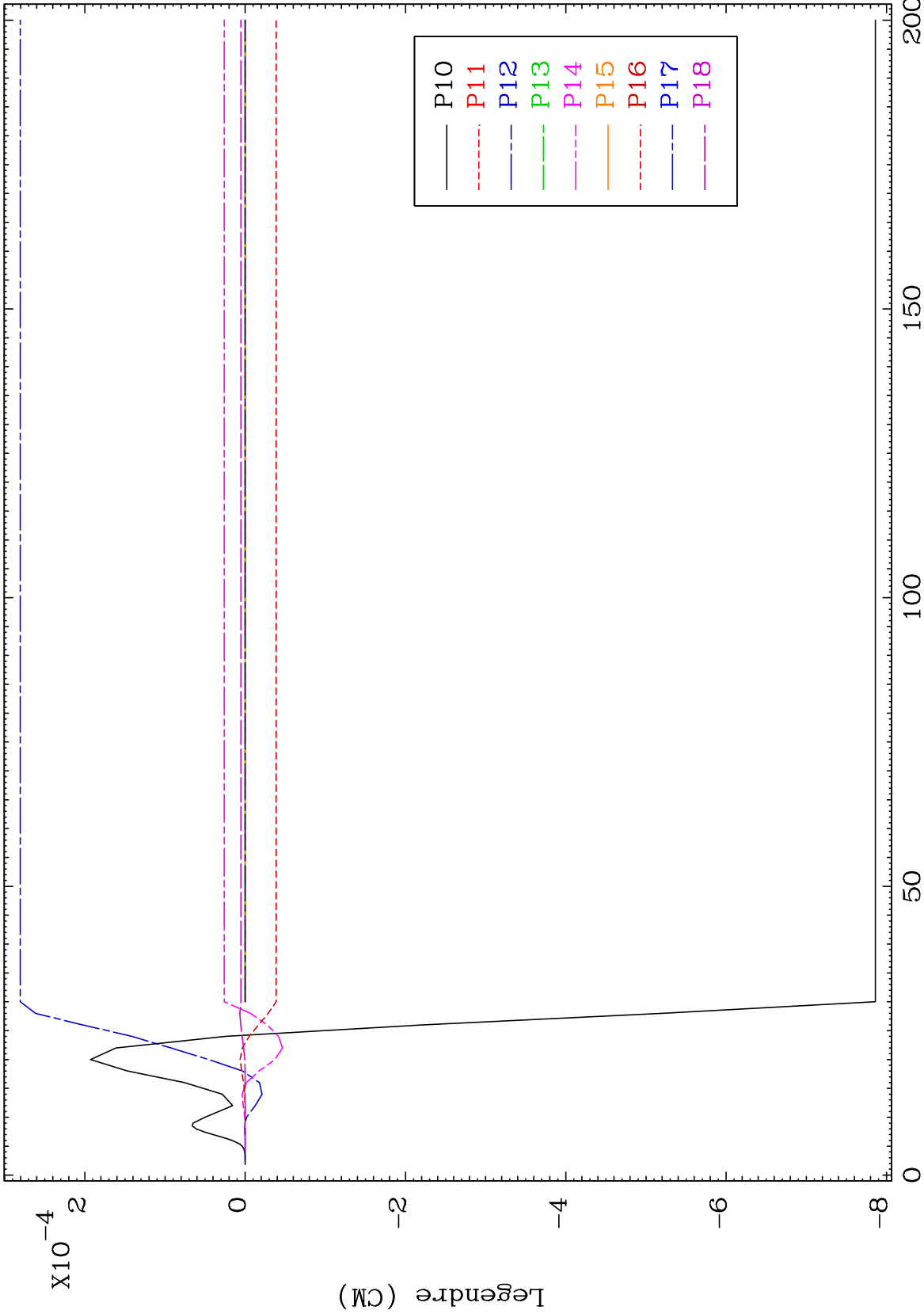
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



80

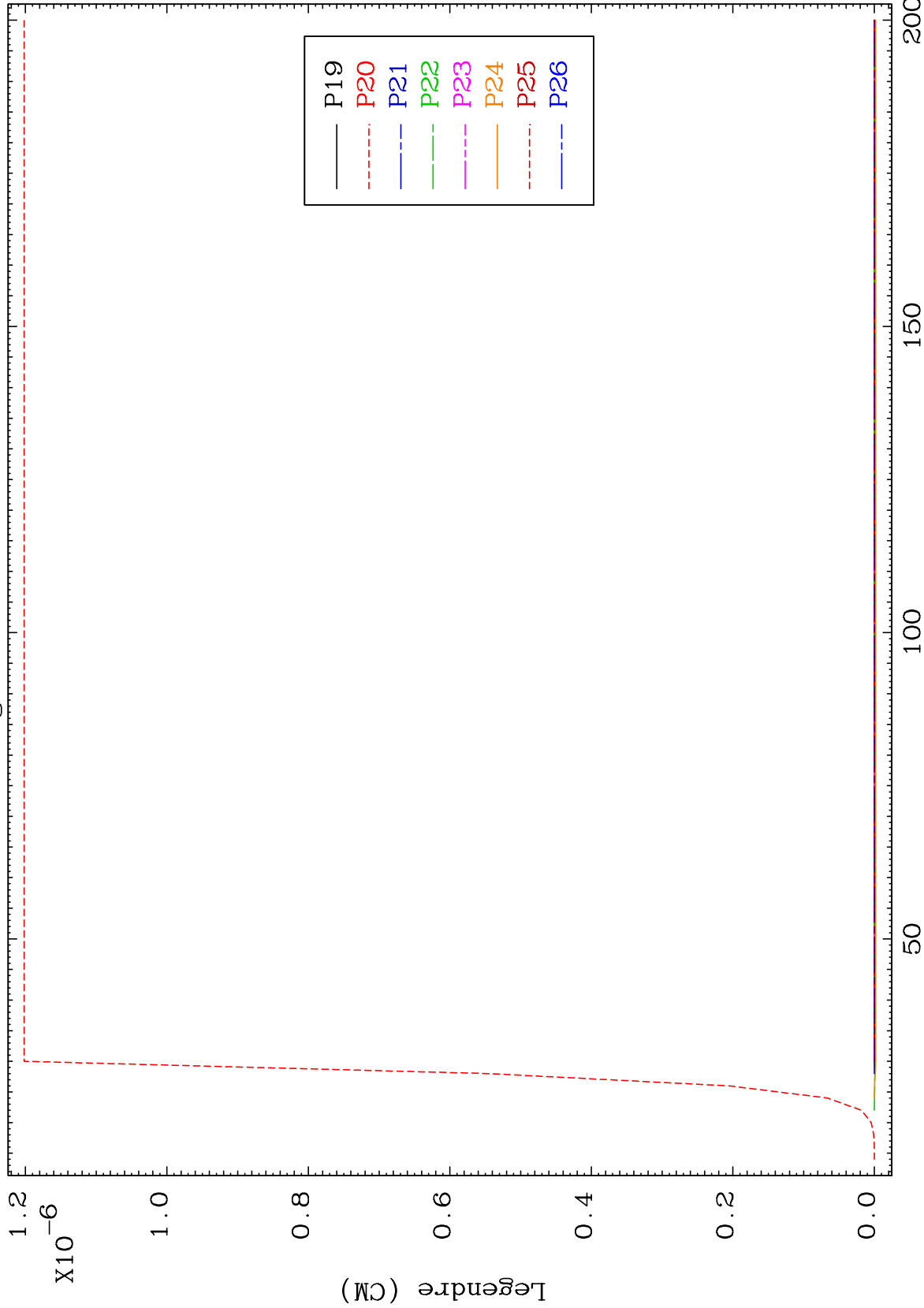
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



81

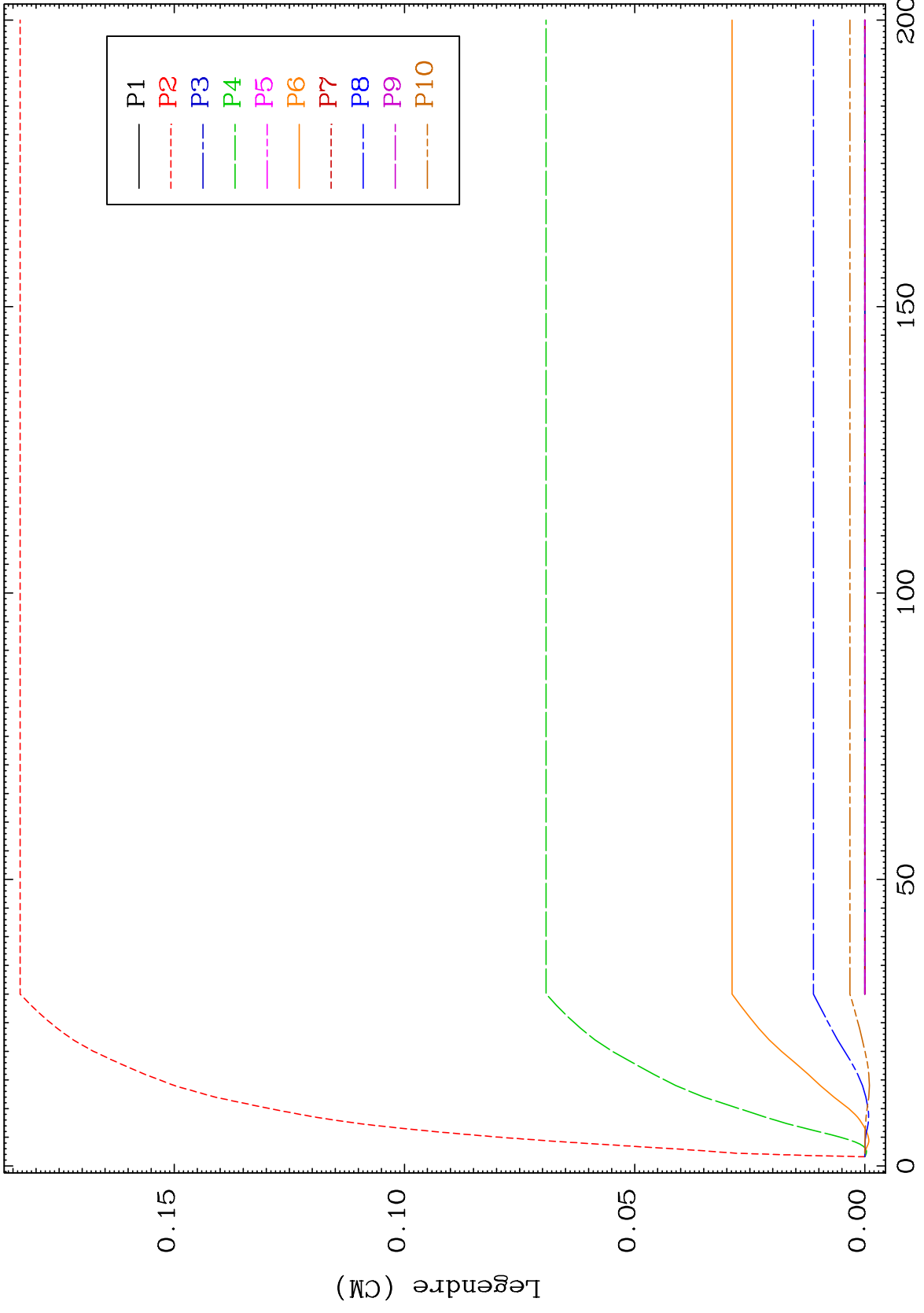
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



82

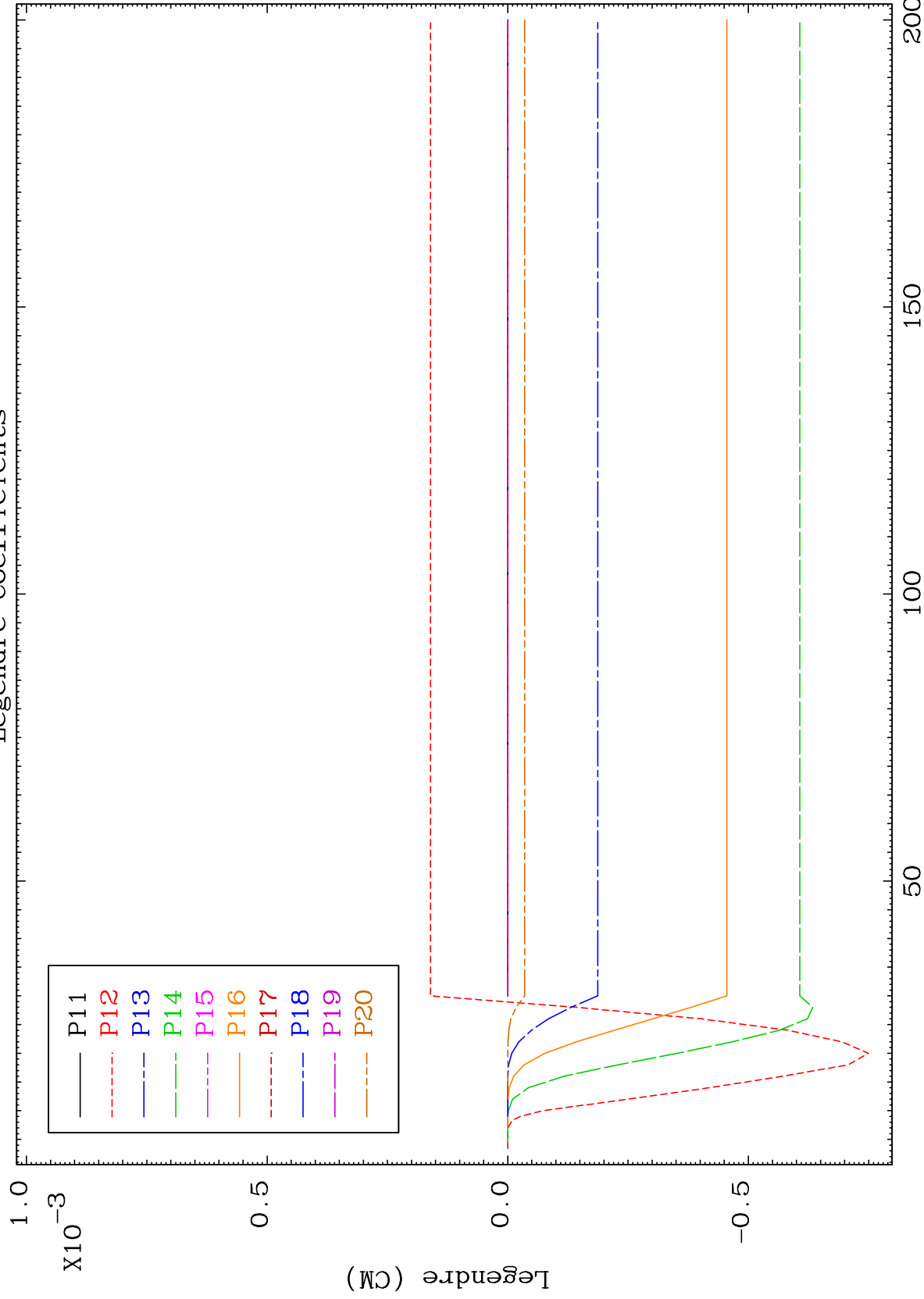
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



83

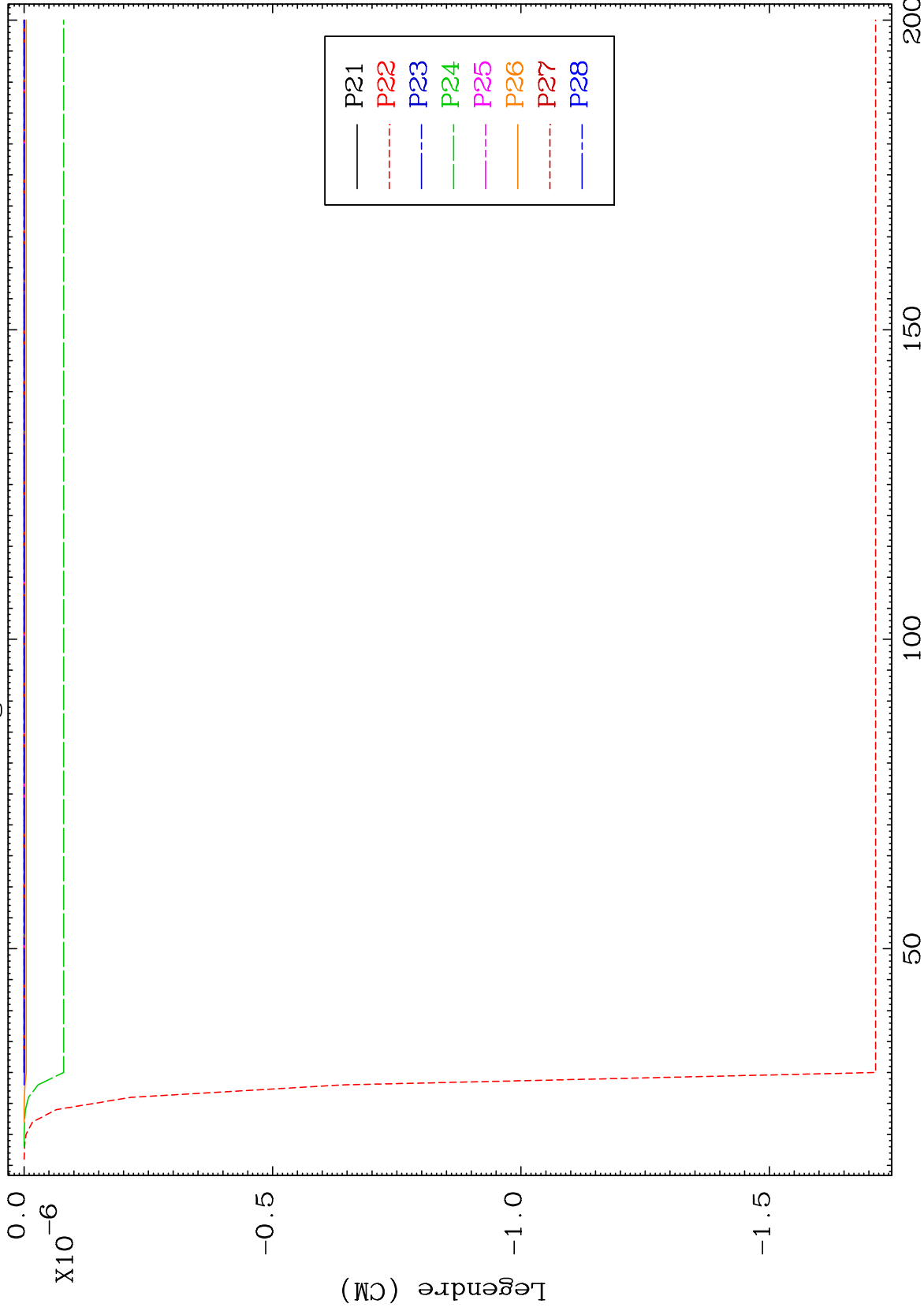
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175

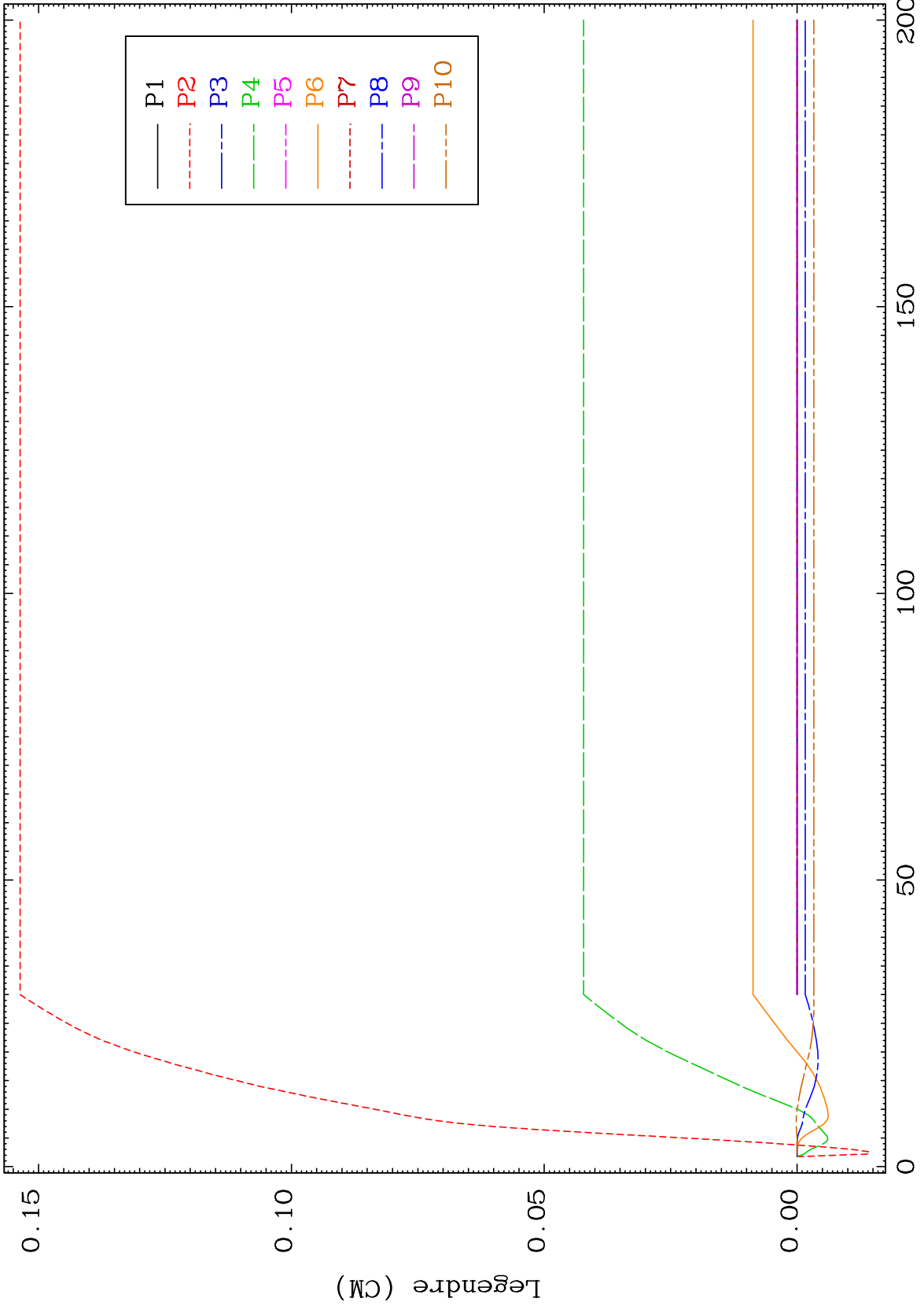


84

Incident Energy (MeV)

69-Tm-175

MAT 6943 MT= 72 (n,n') Level Legendre Coefficients 69-Tm-175

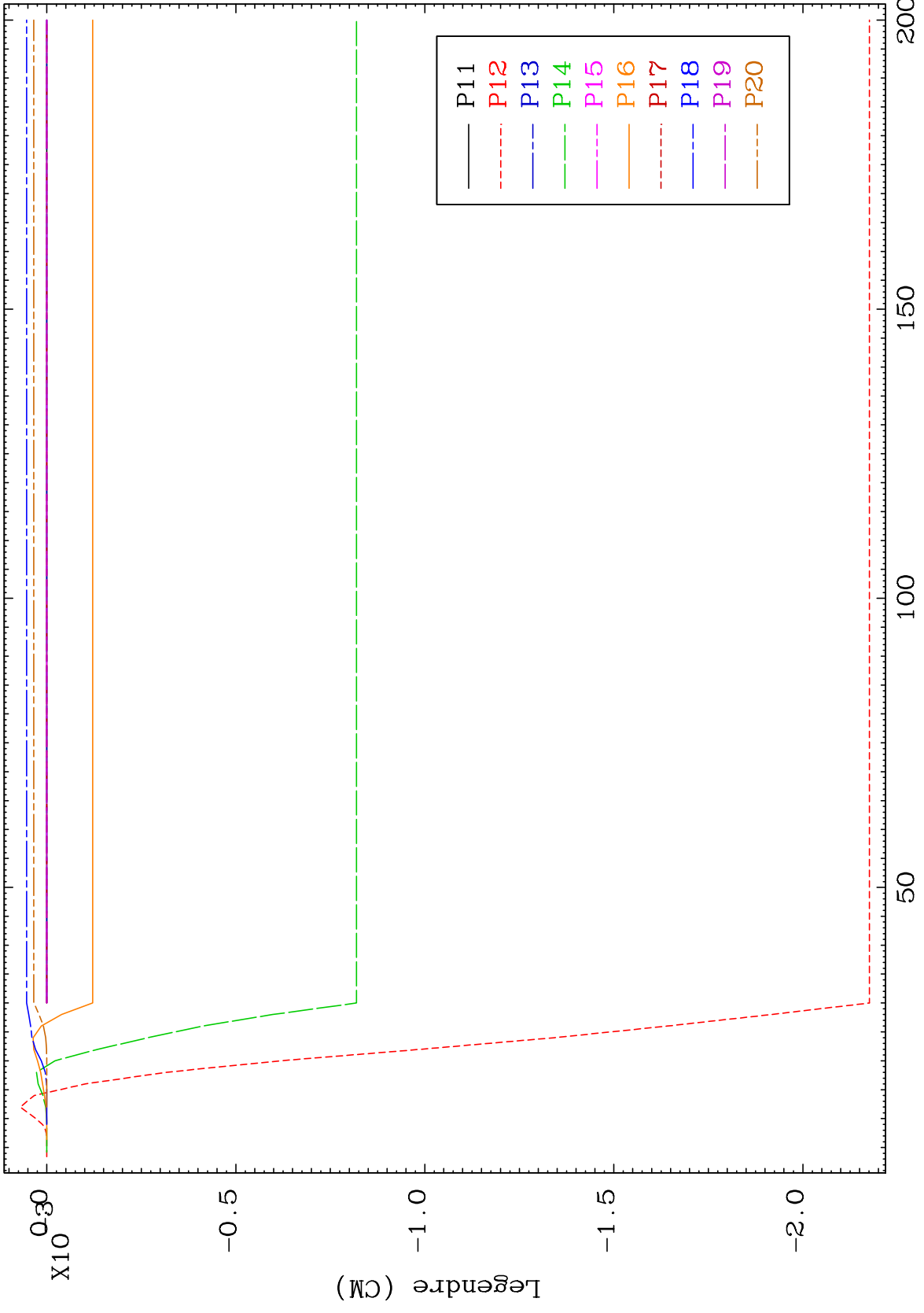


85 Incident Energy (MeV) 69-Tm-175

MAT 6943

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

69-Tm-175



86

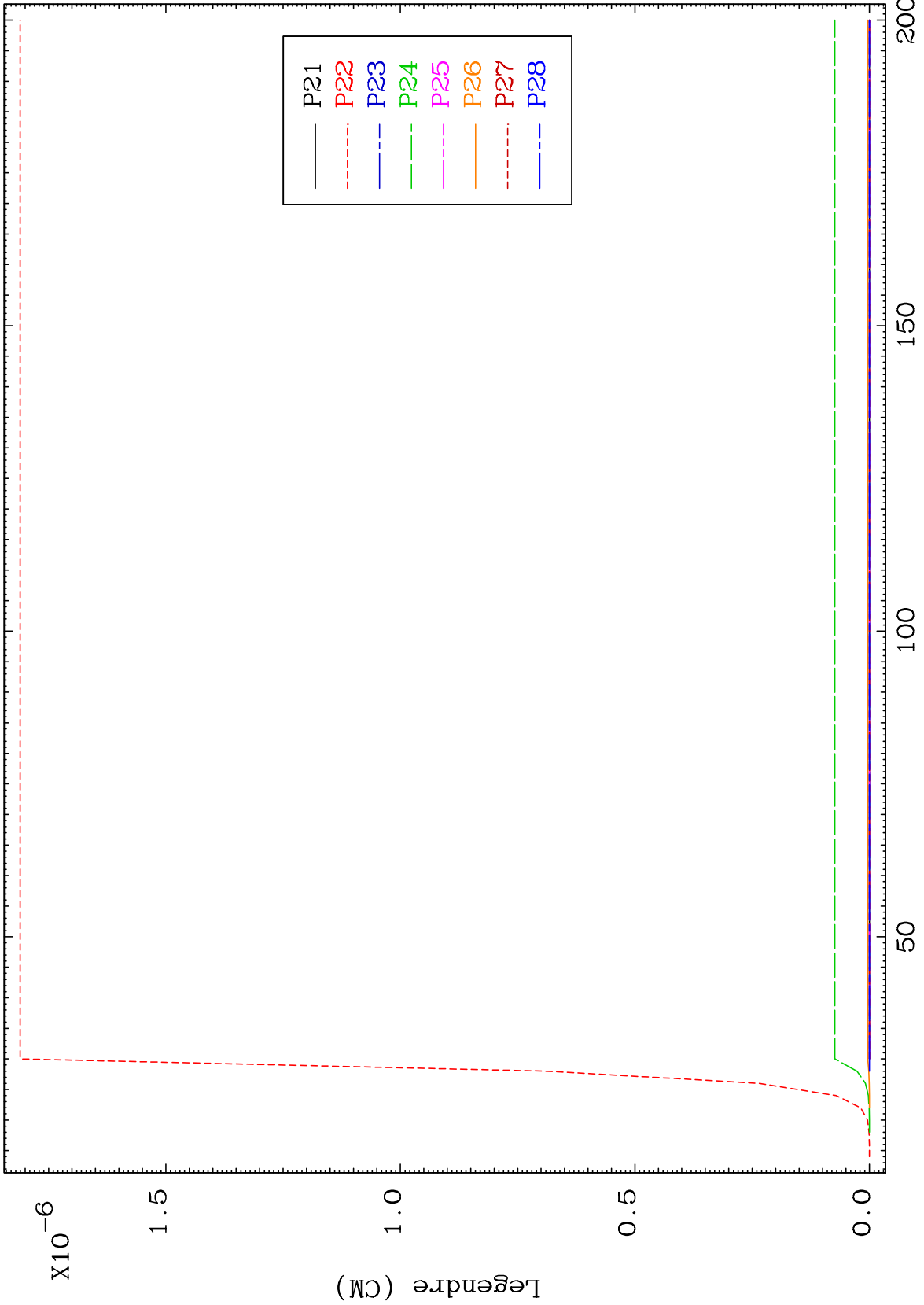
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



87

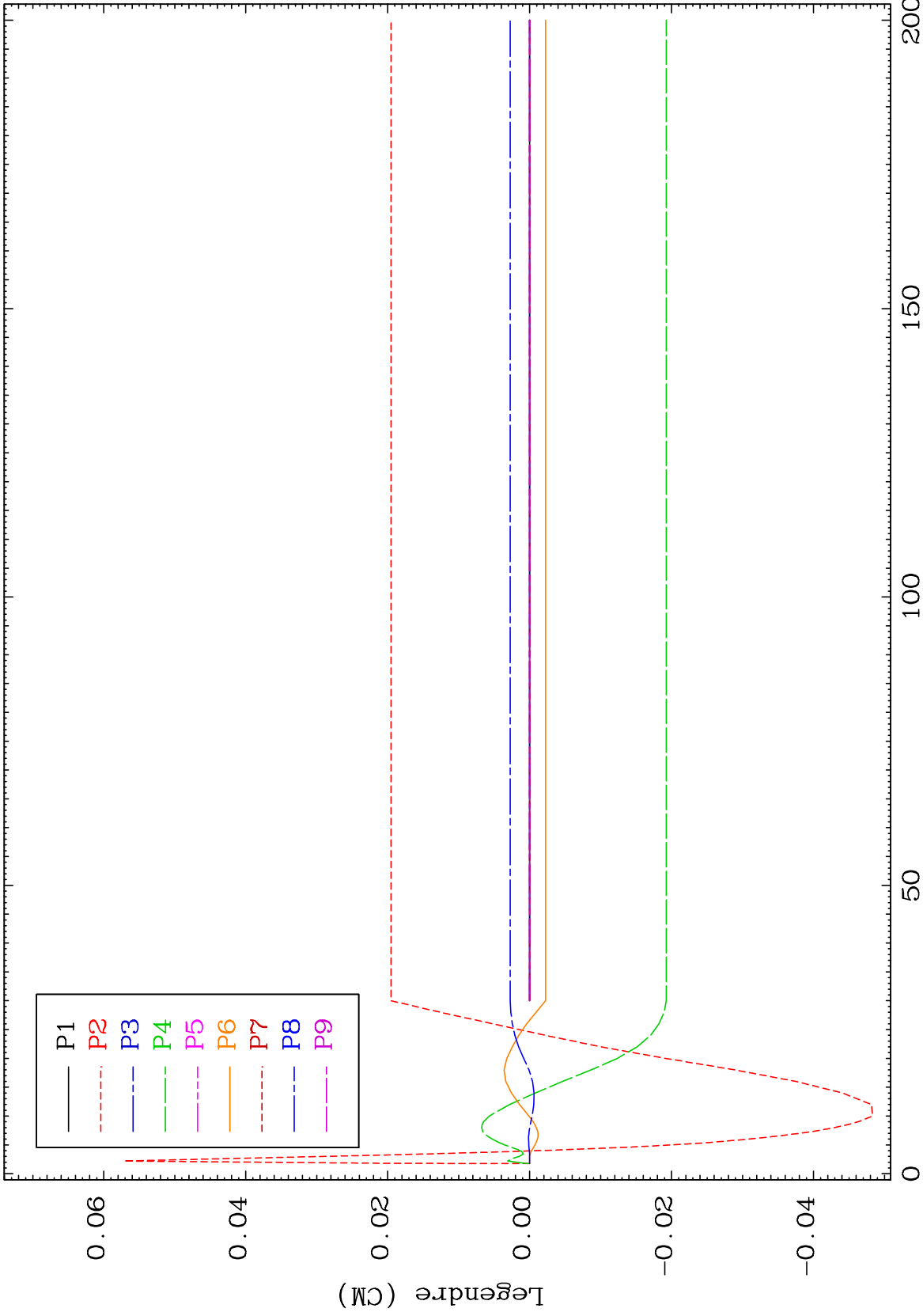
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



88

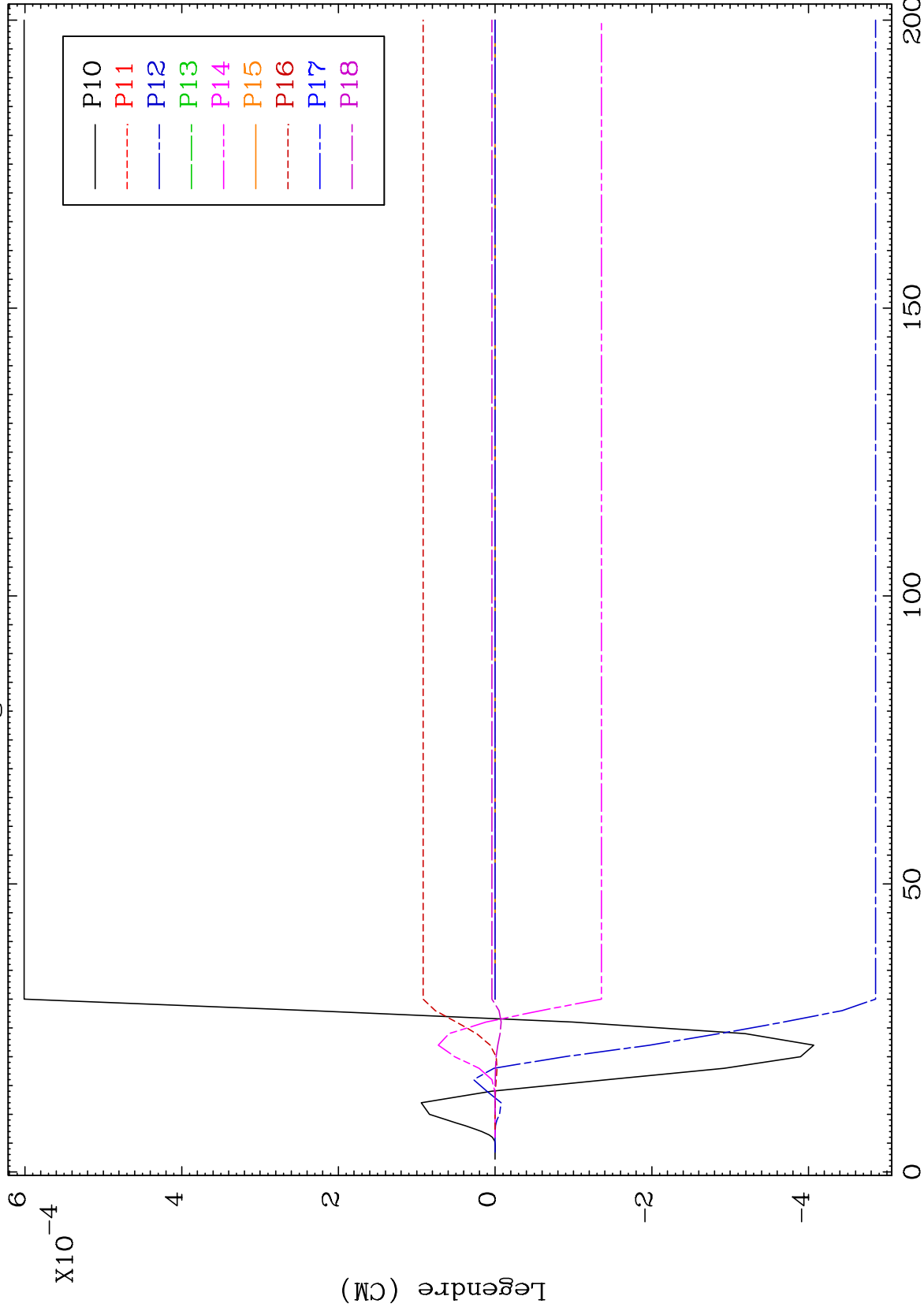
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



89

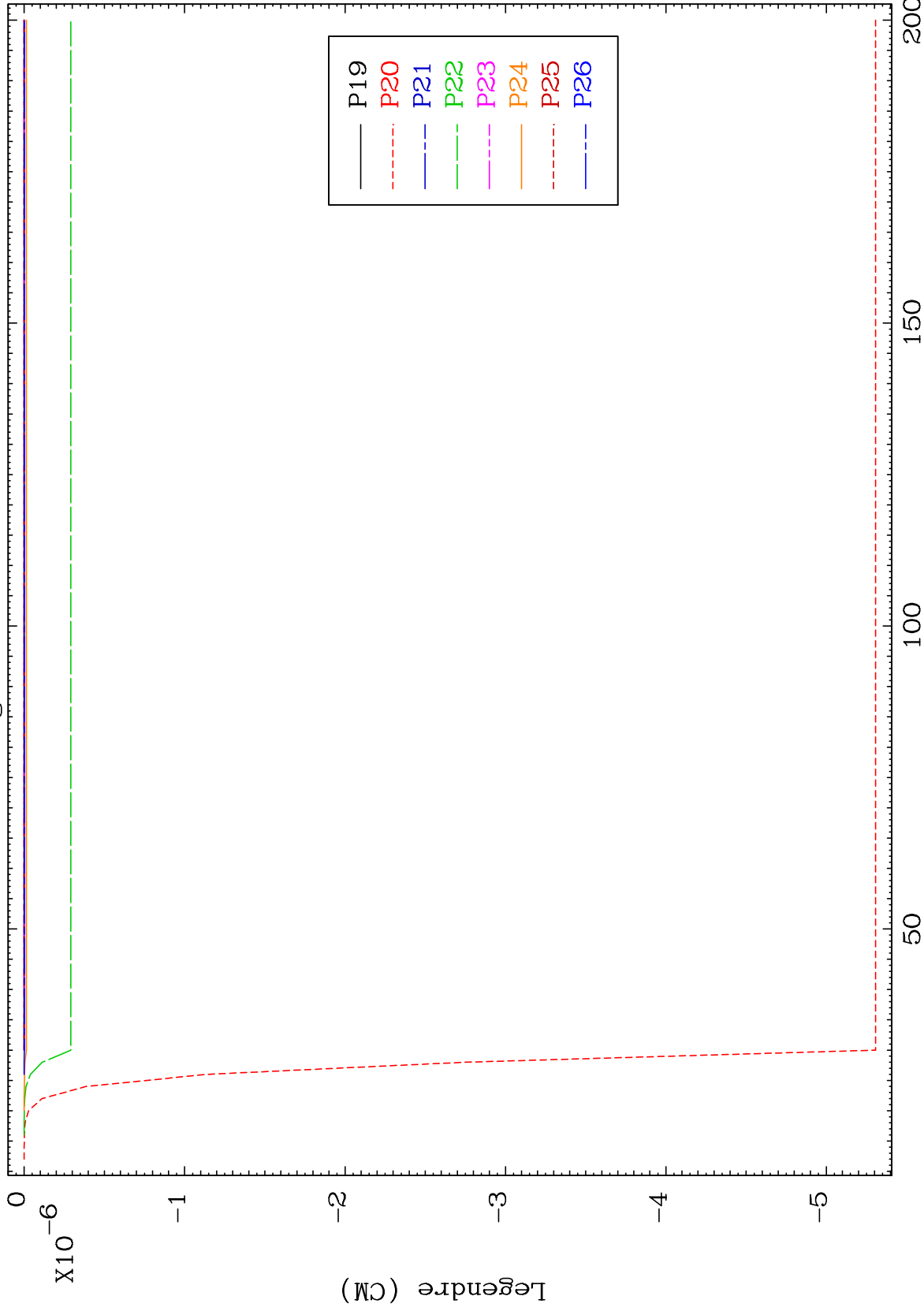
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



90

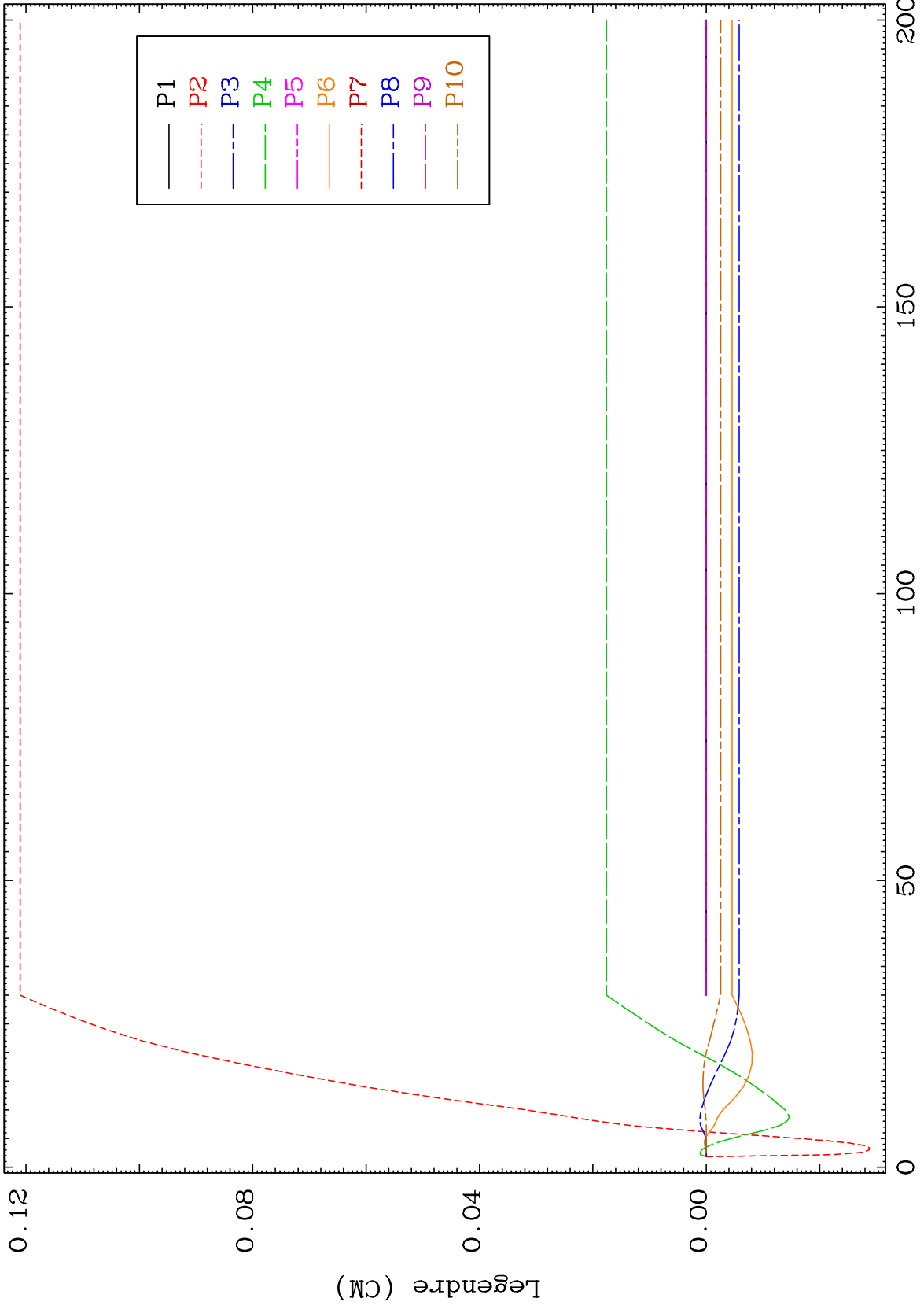
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



91

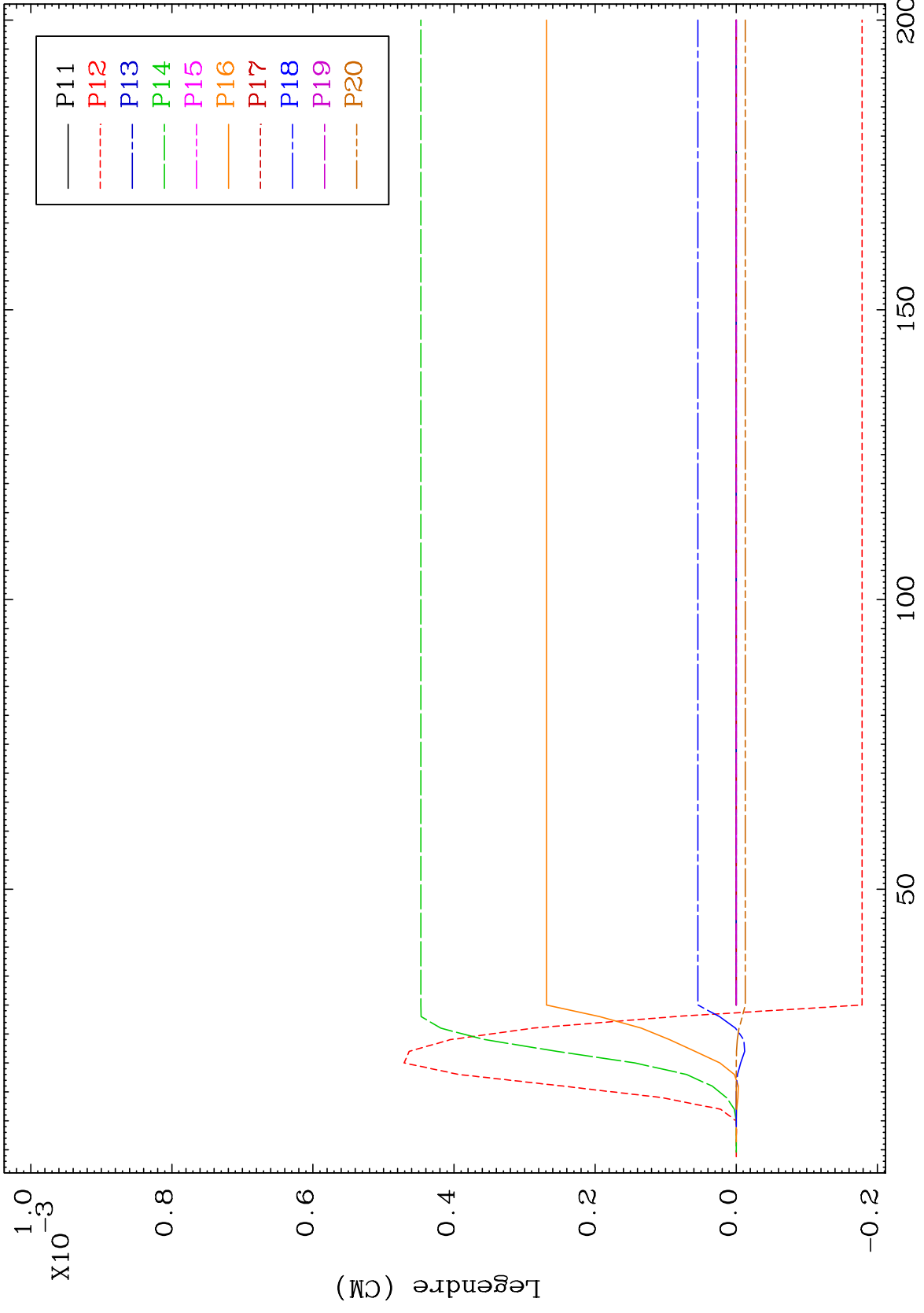
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



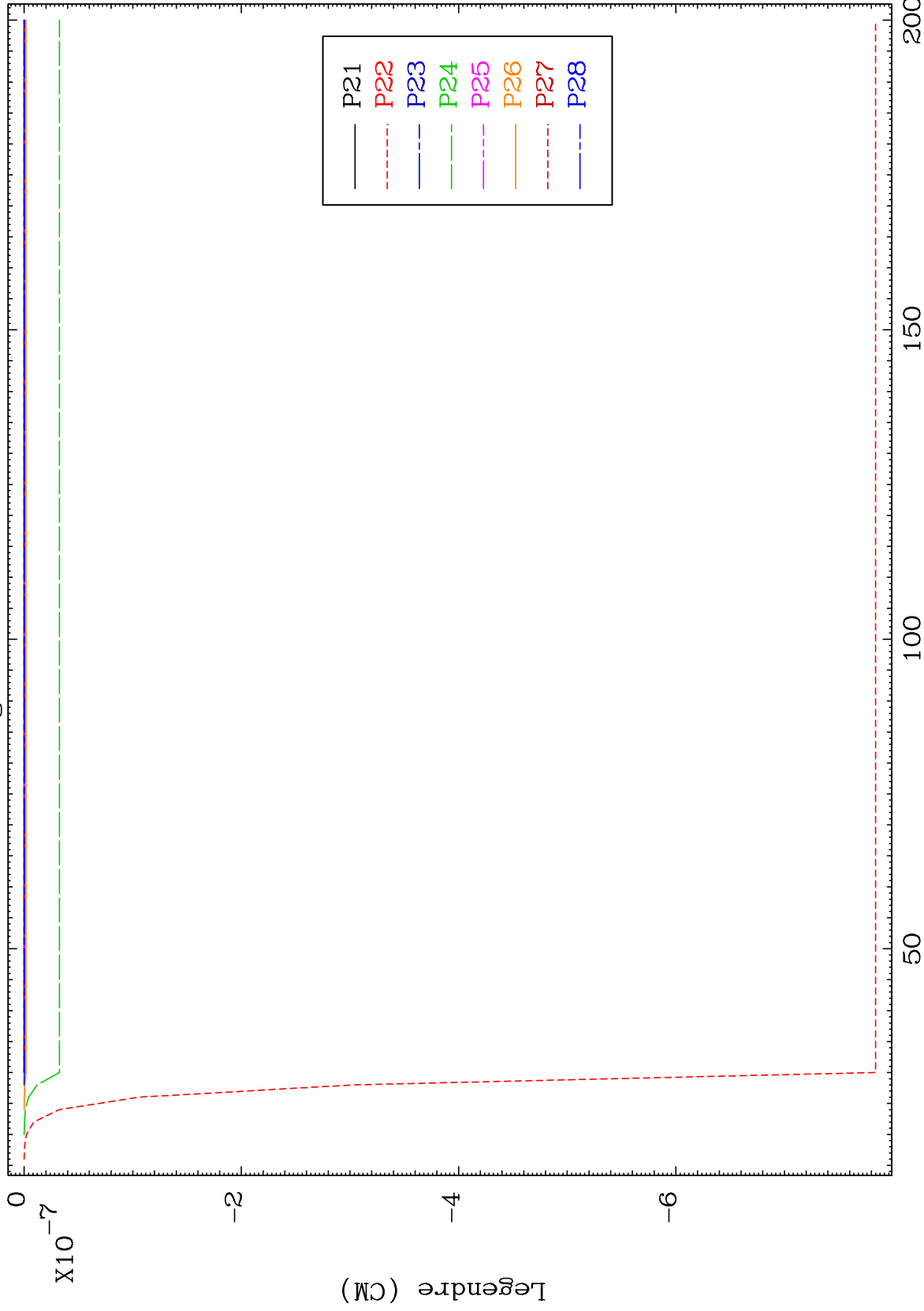
92

69-Tm-175

MAT 6943

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

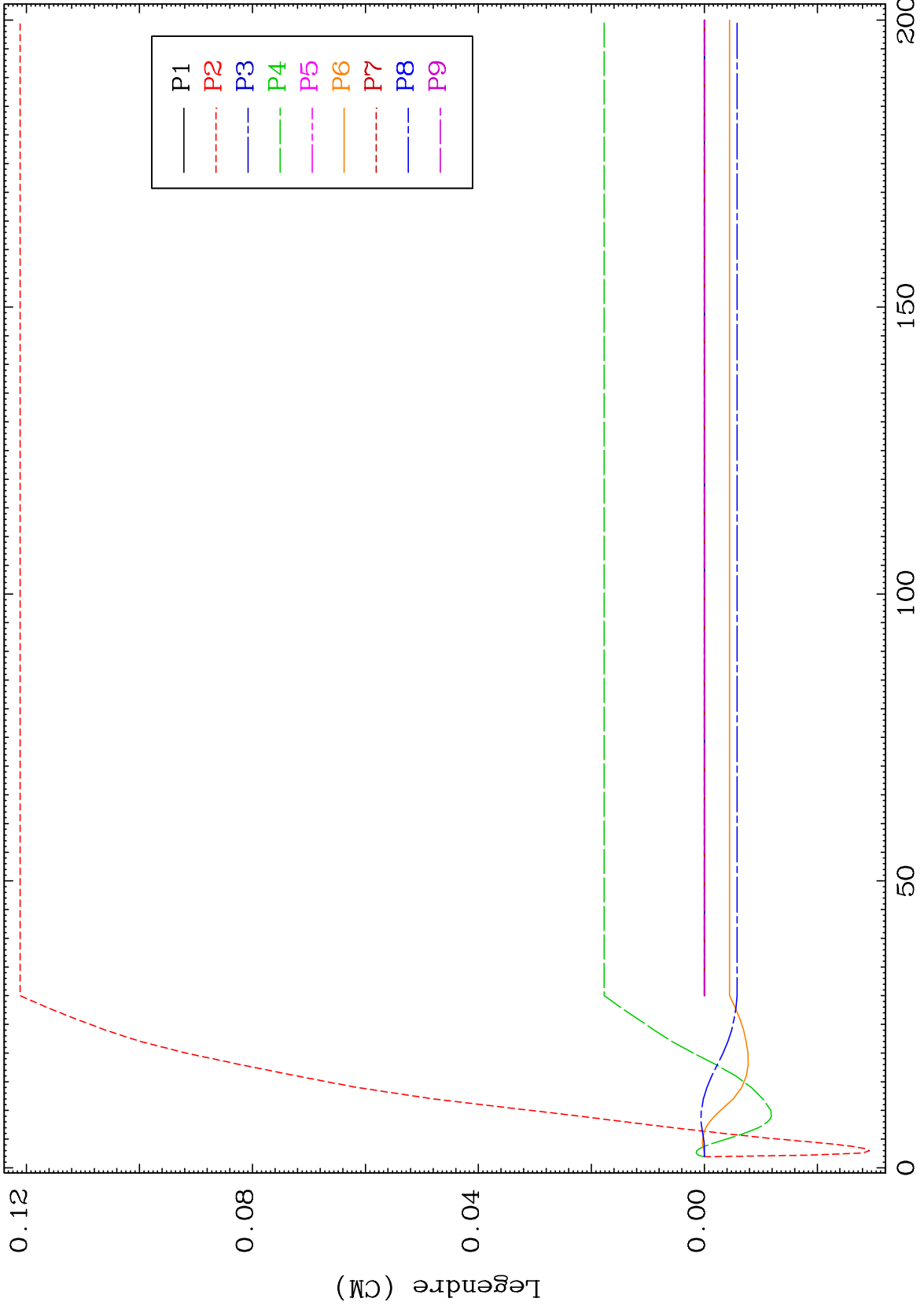
69-Tm-175



93

69-Tm-175

MAT 6943 MT= 75 (n,n') Level Legendre Coefficients 69-Tm-175

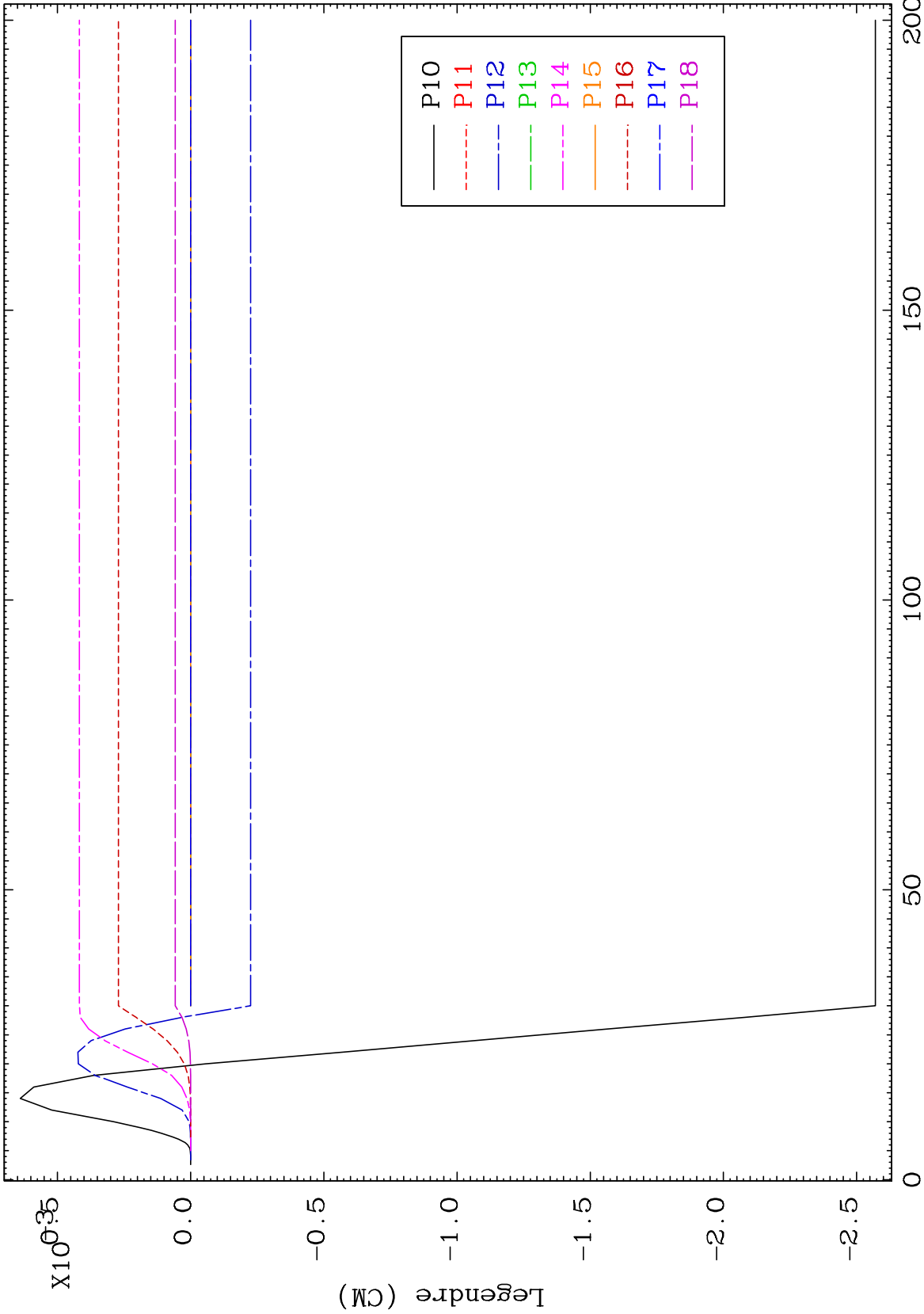


94 69-Tm-175

MAT 6943

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

69-Tm-175



95

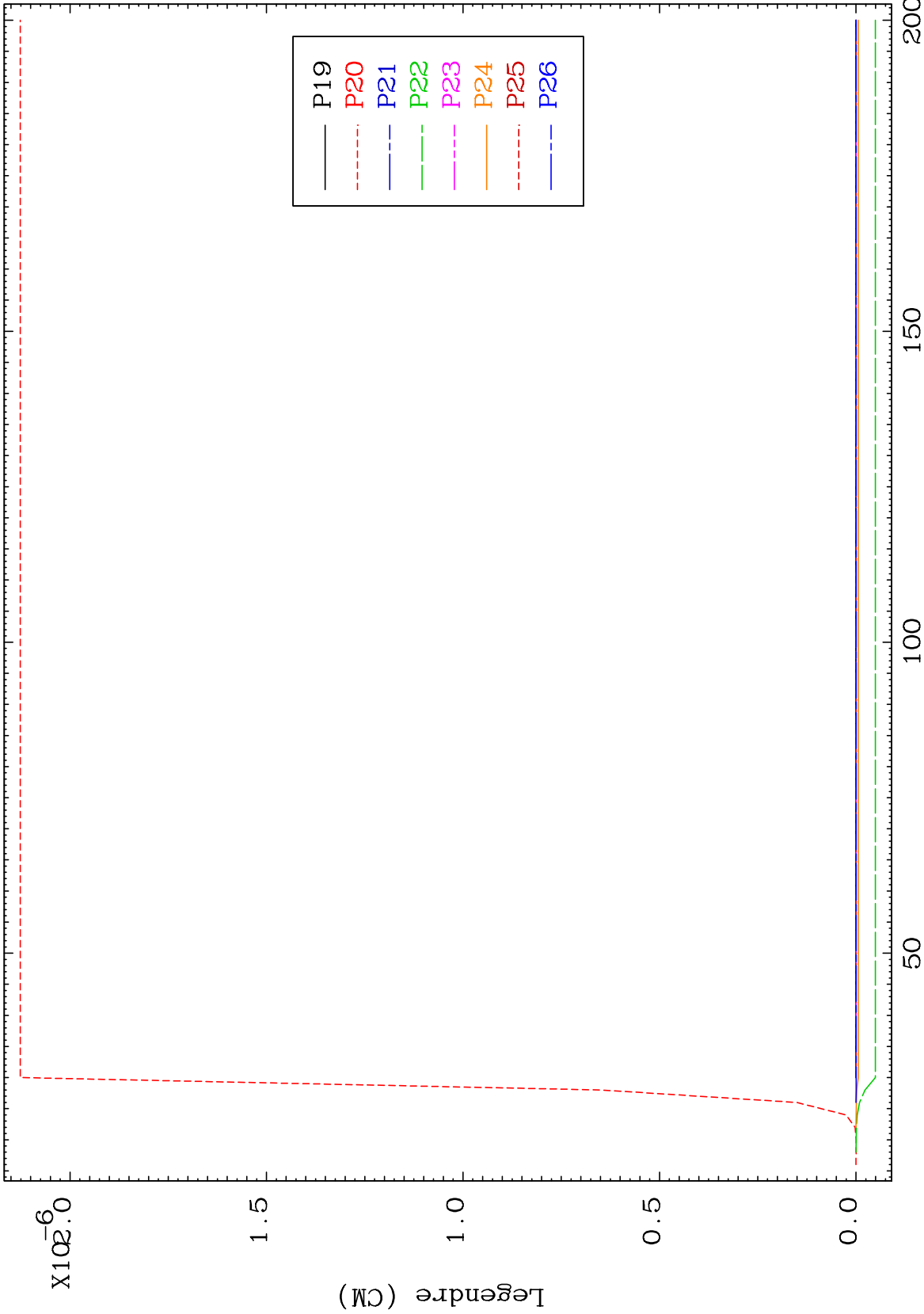
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



96

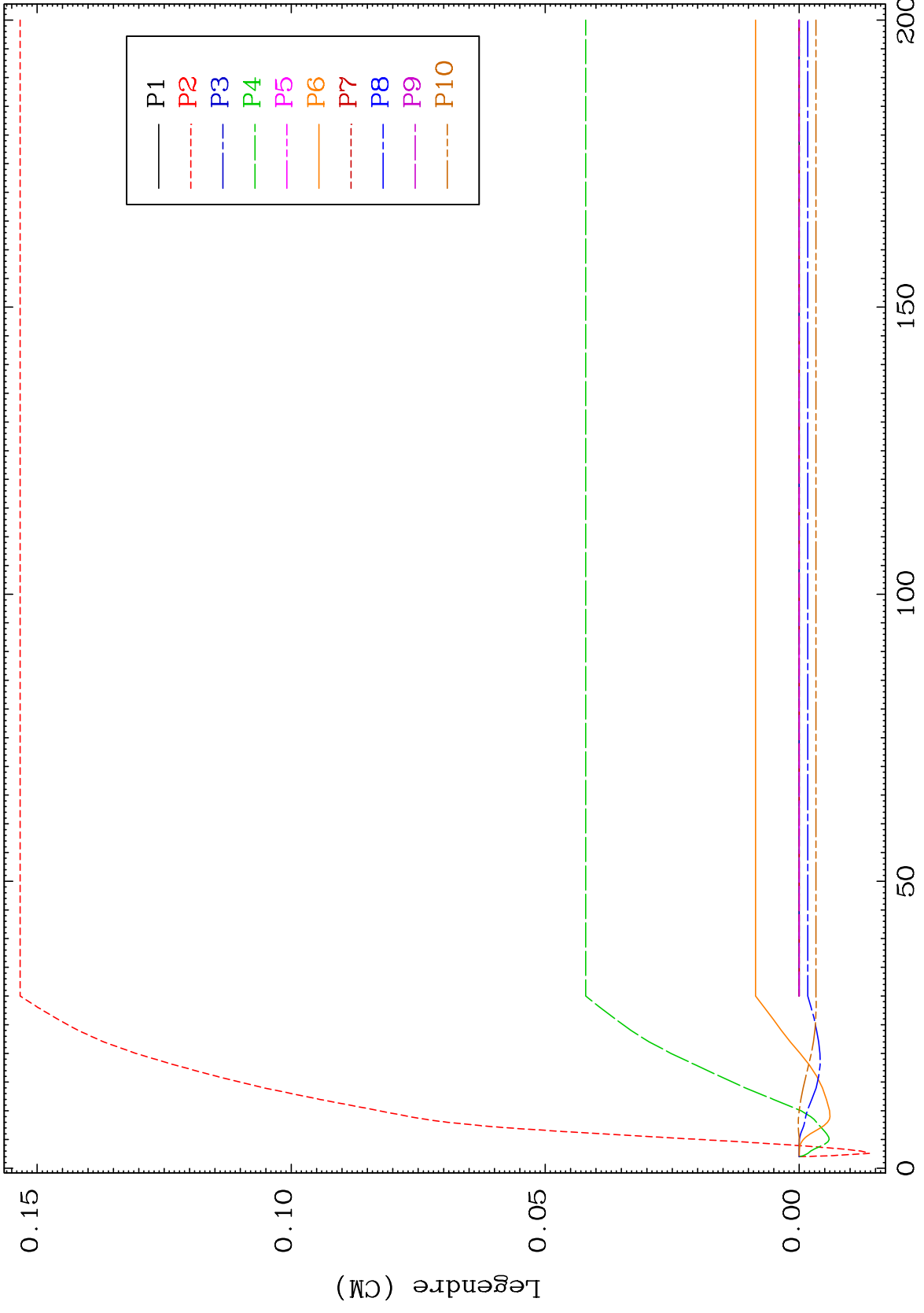
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



97

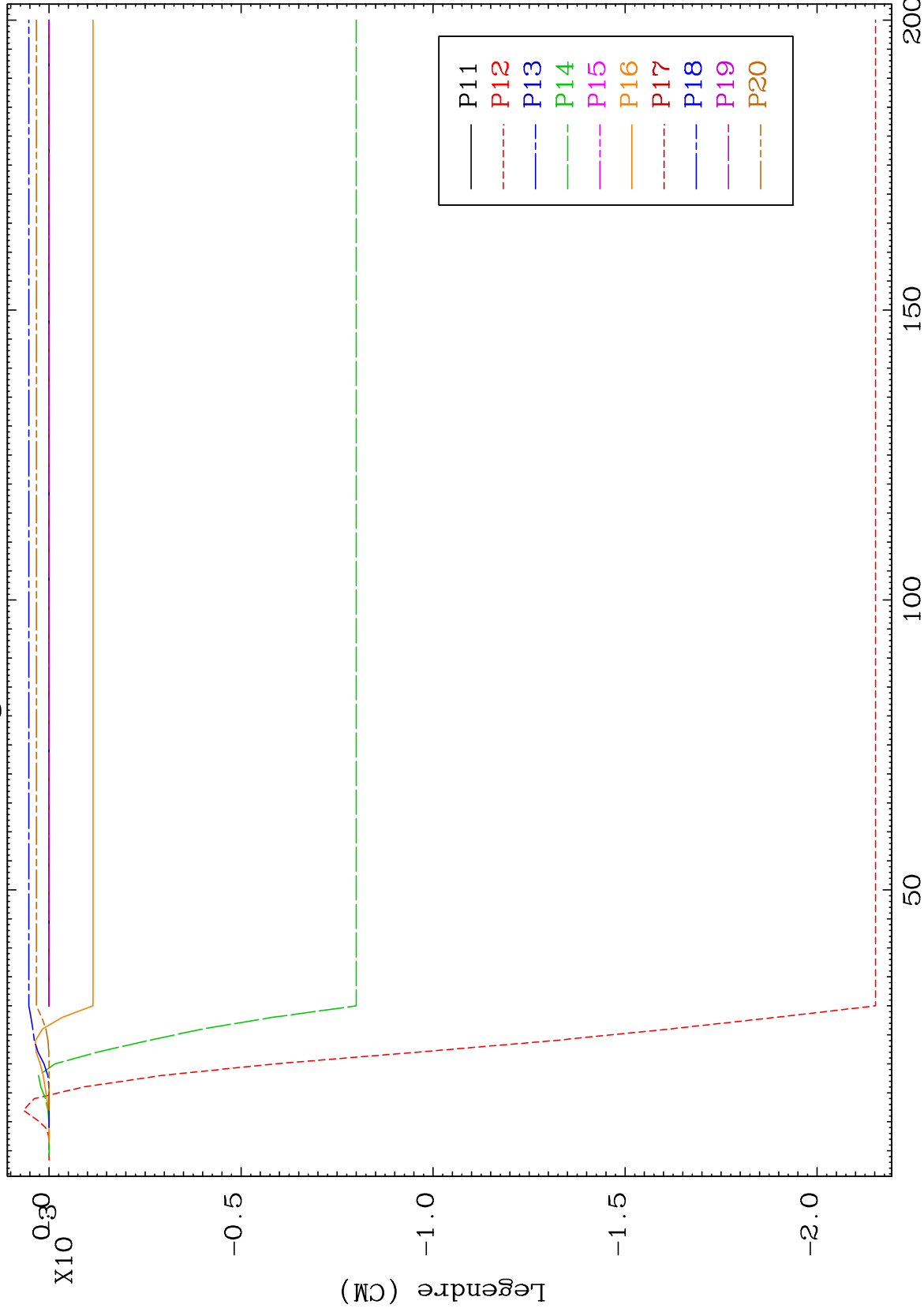
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



98

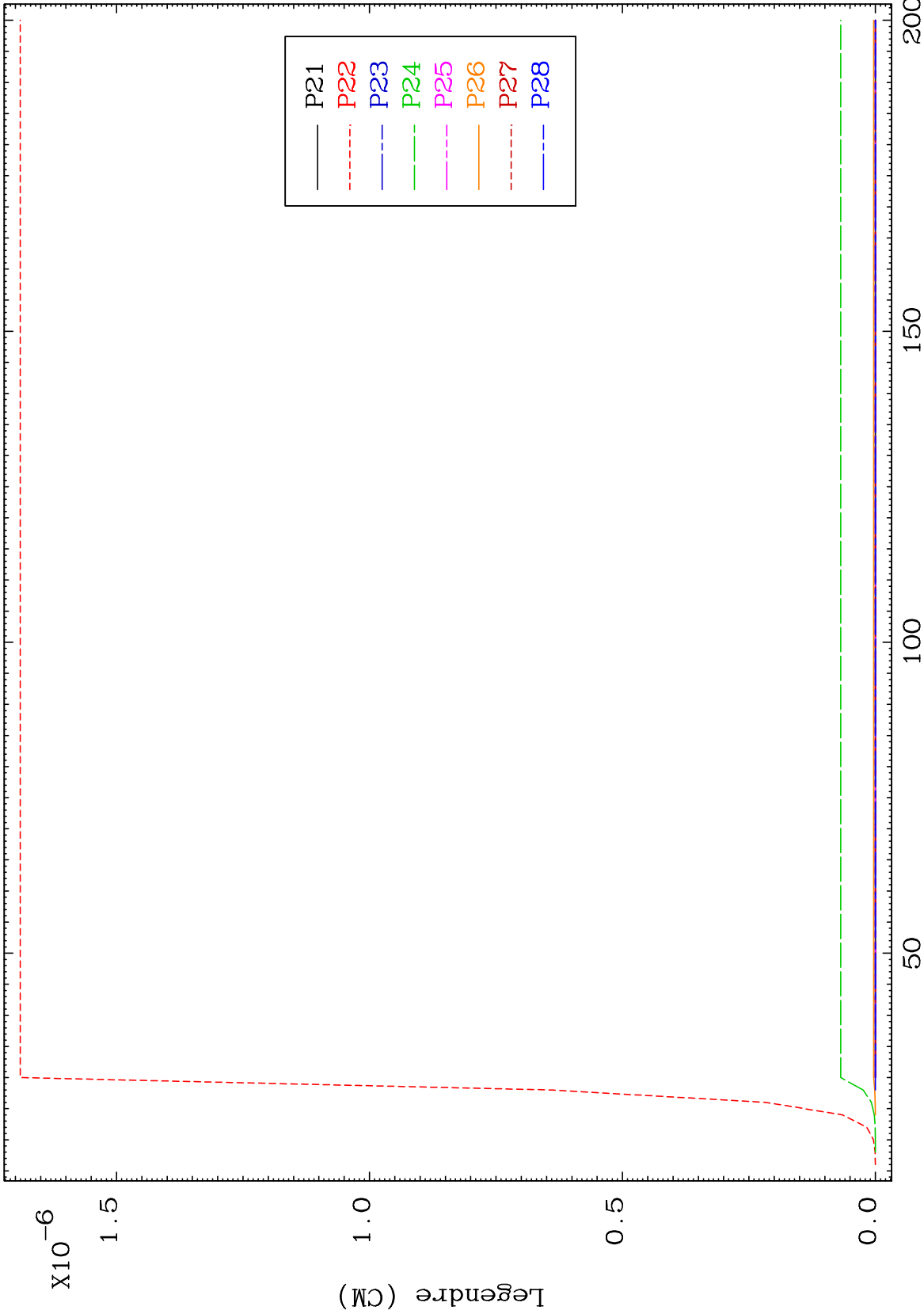
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



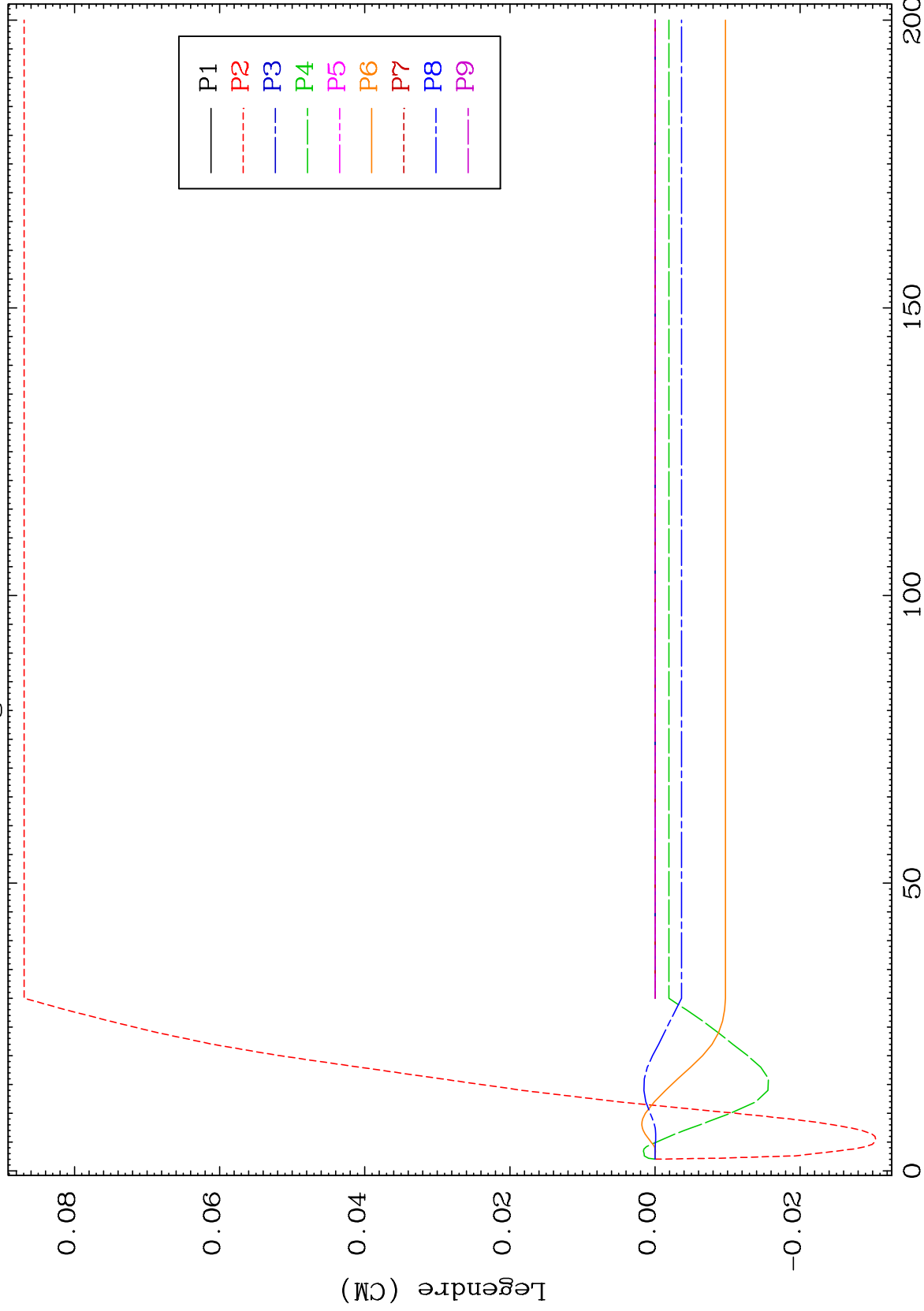
99

69-Tm-175

MAT 6943

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

69-Tm-175



69-Tm-175

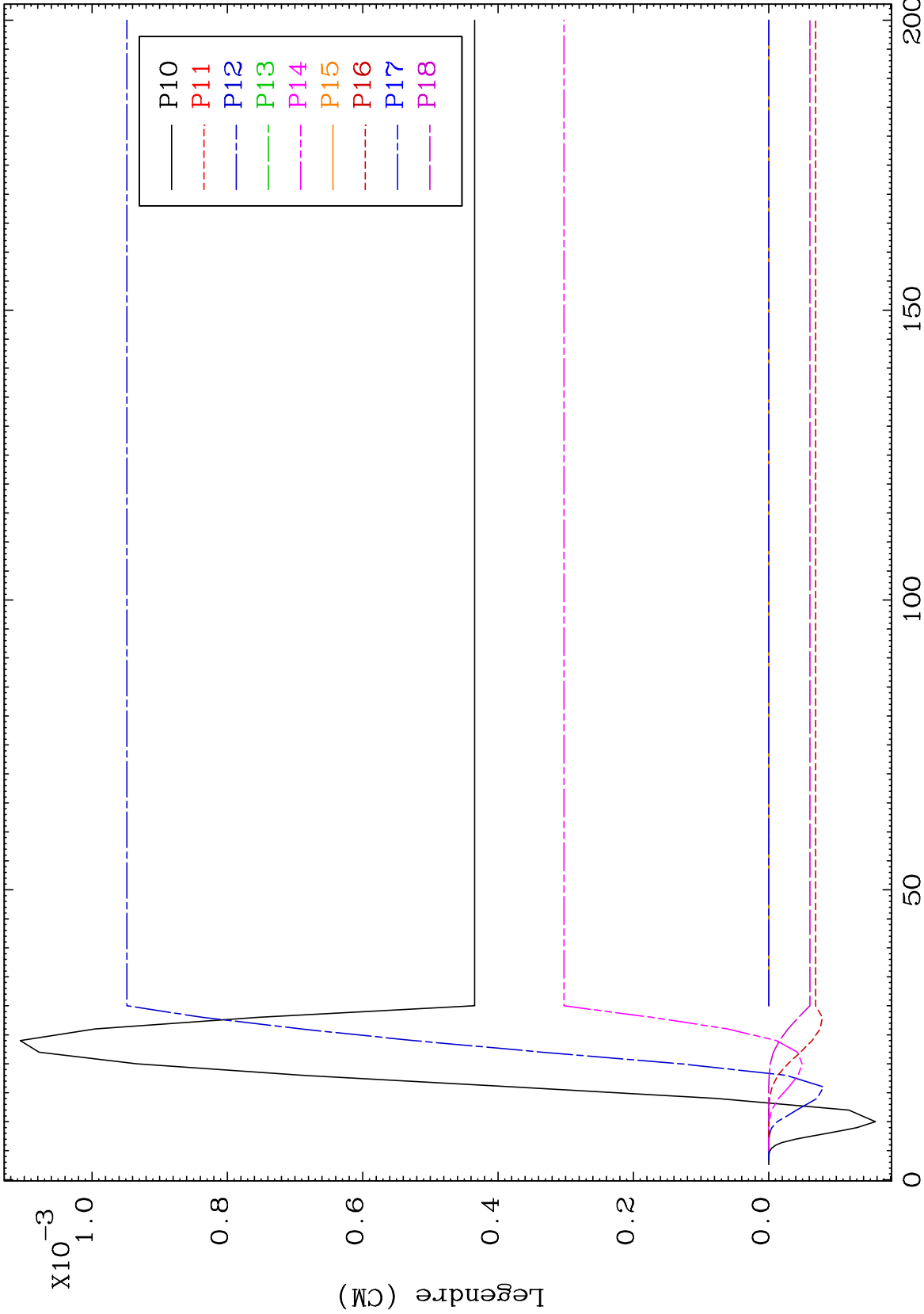
Incident Energy (MeV)

Legendre (CM)

MAT 6943

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

69-Tm-175



101

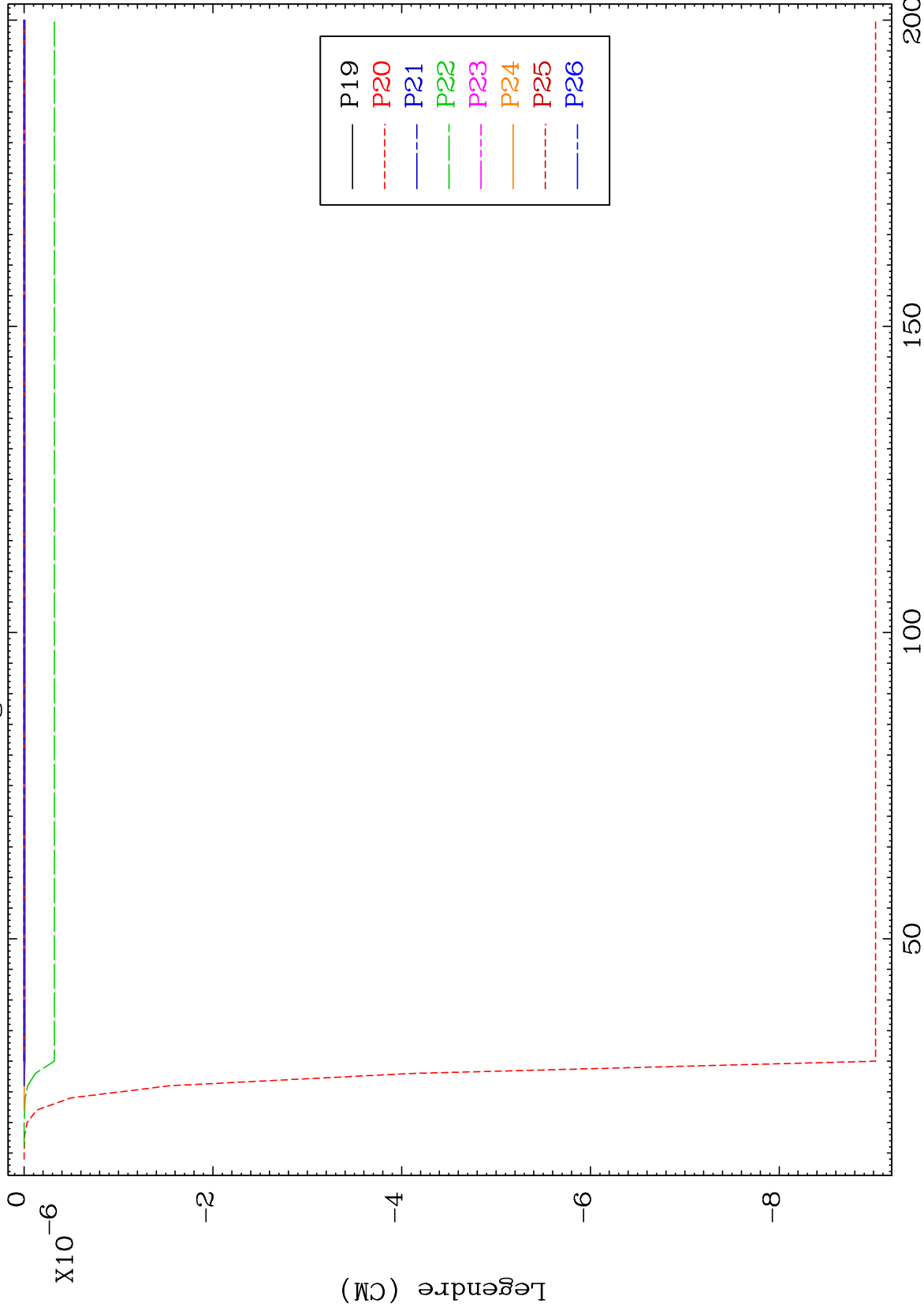
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175

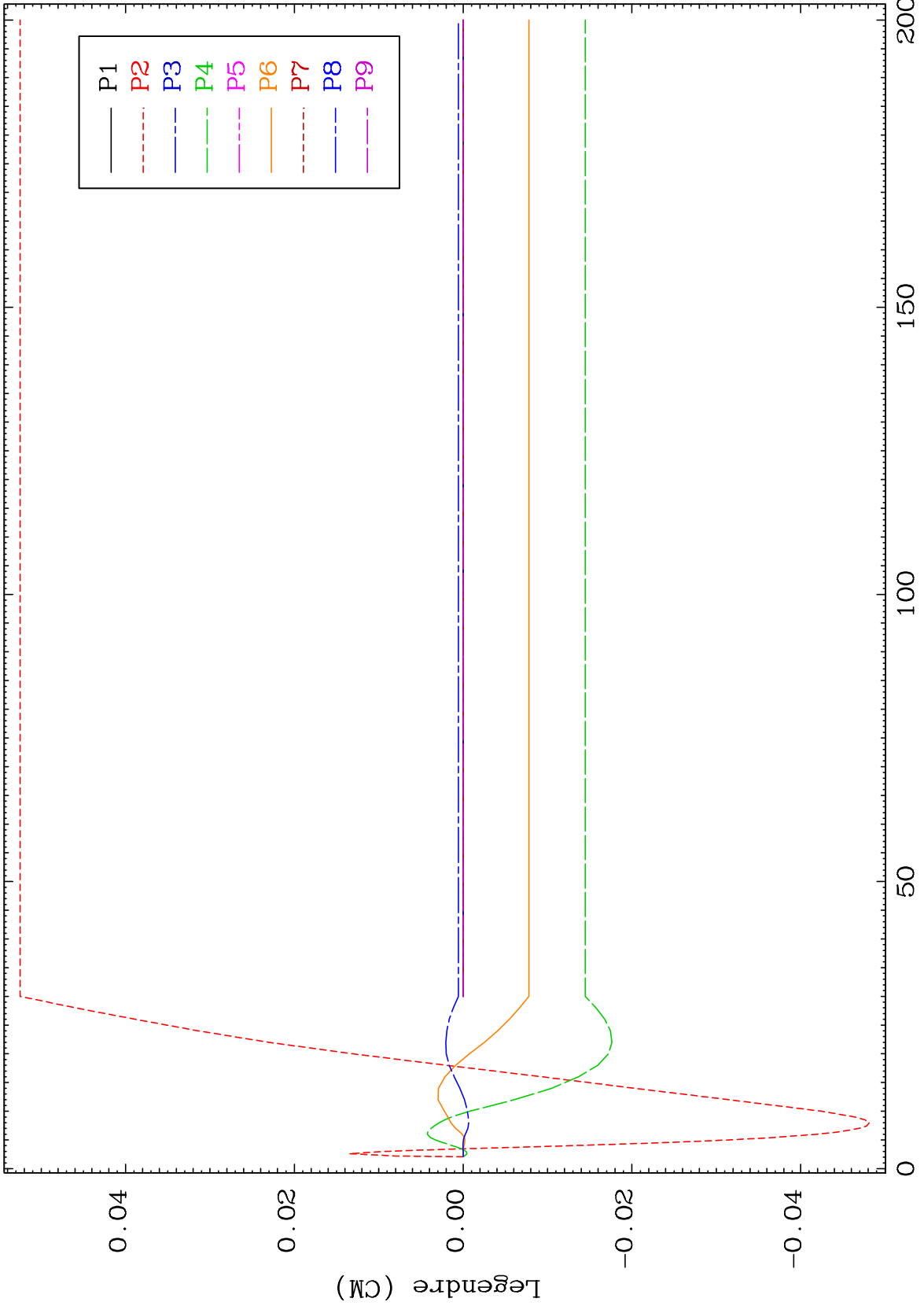


102

Incident Energy (MeV)

69-Tm-175

MAT 6943 MT= 78 (n,n') Level Legendre Coefficients 69-Tm-175

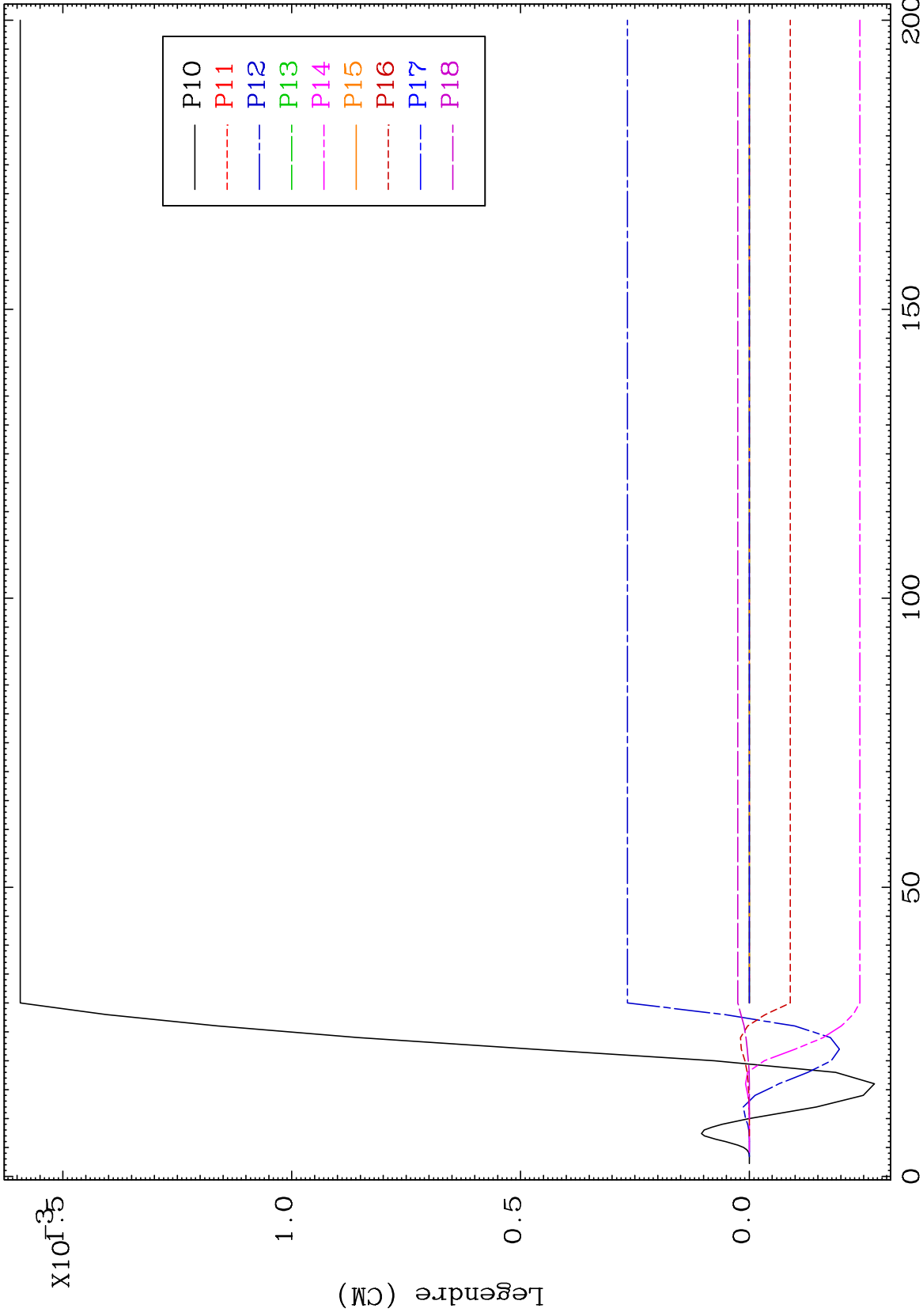


103 69-Tm-175

MAT 6943

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

69-Tm-175



104

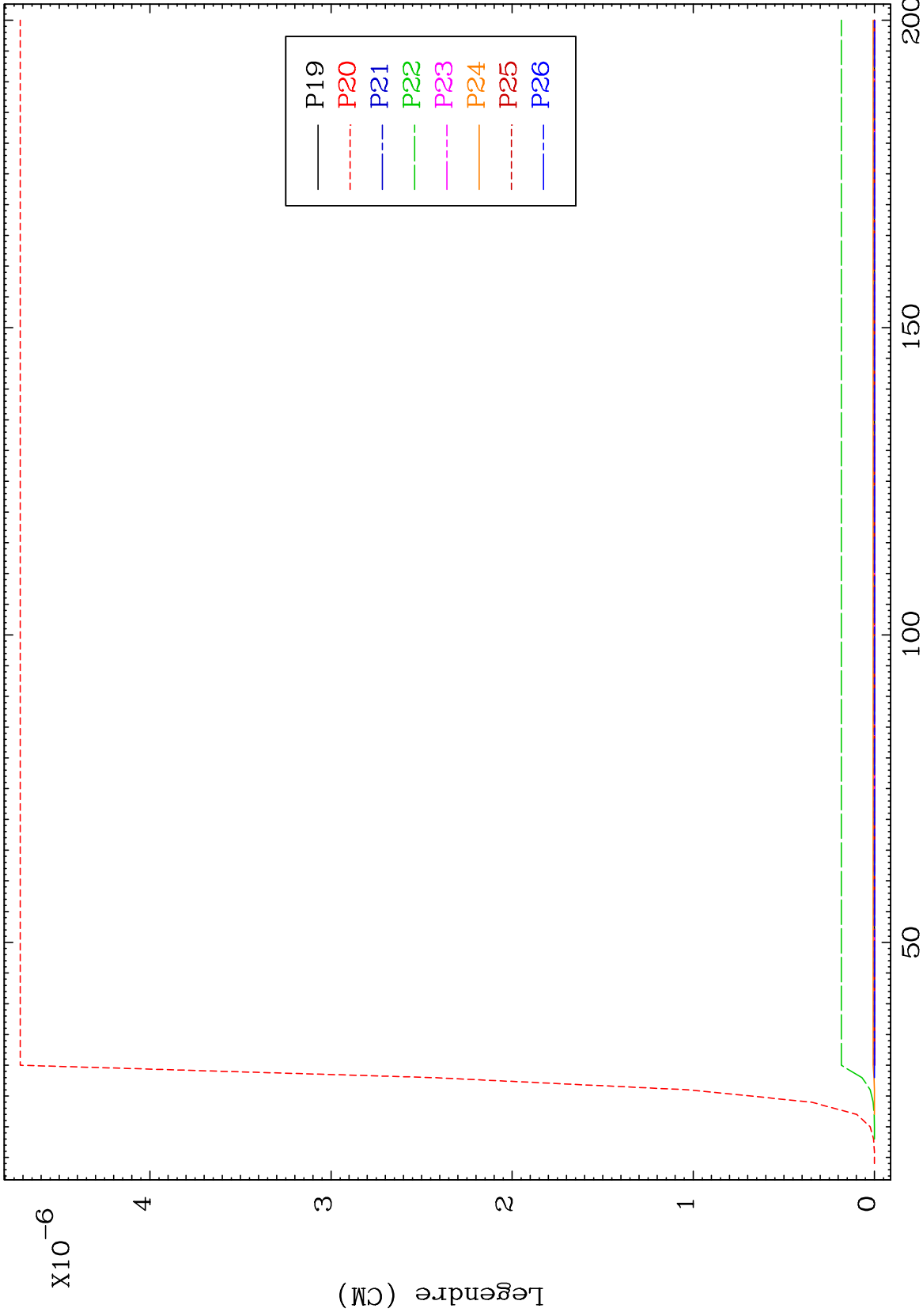
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



69-Tm-175

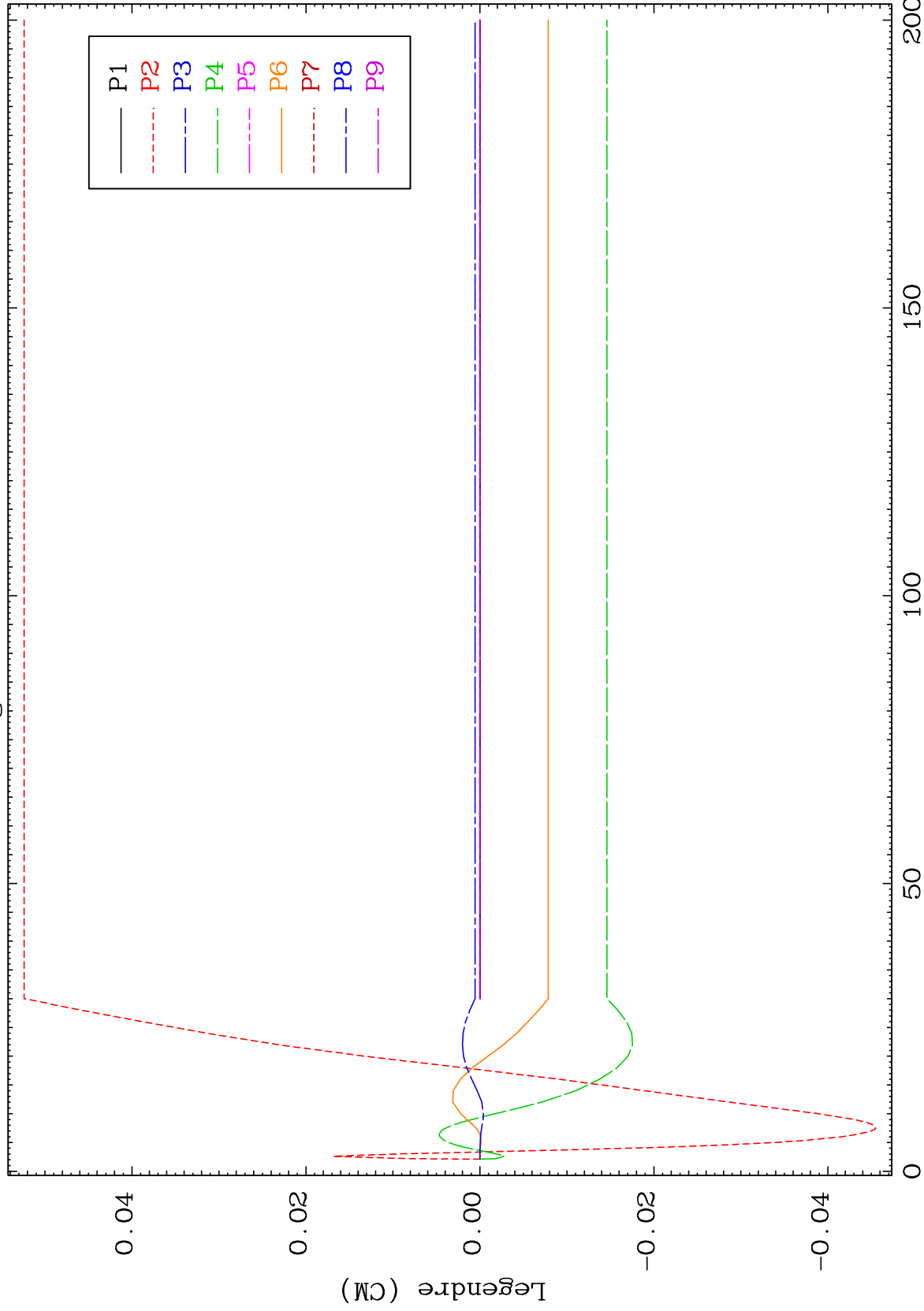
Incident Energy (MeV)

105

MAT 6943

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

69-Tm-175



69-Tm-175

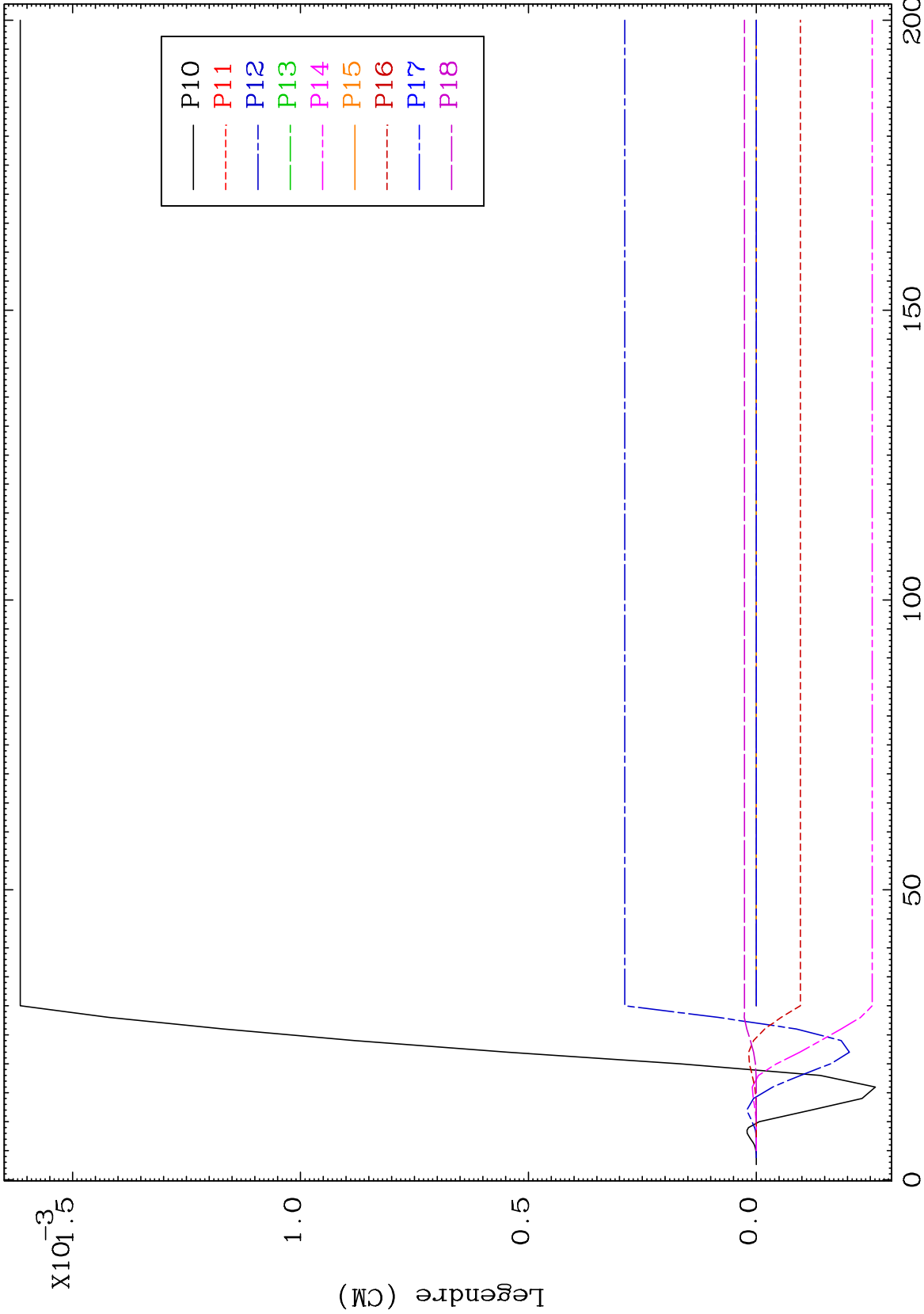
Incident Energy (MeV)

106

MAT 6943

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

69-Tm-175



107

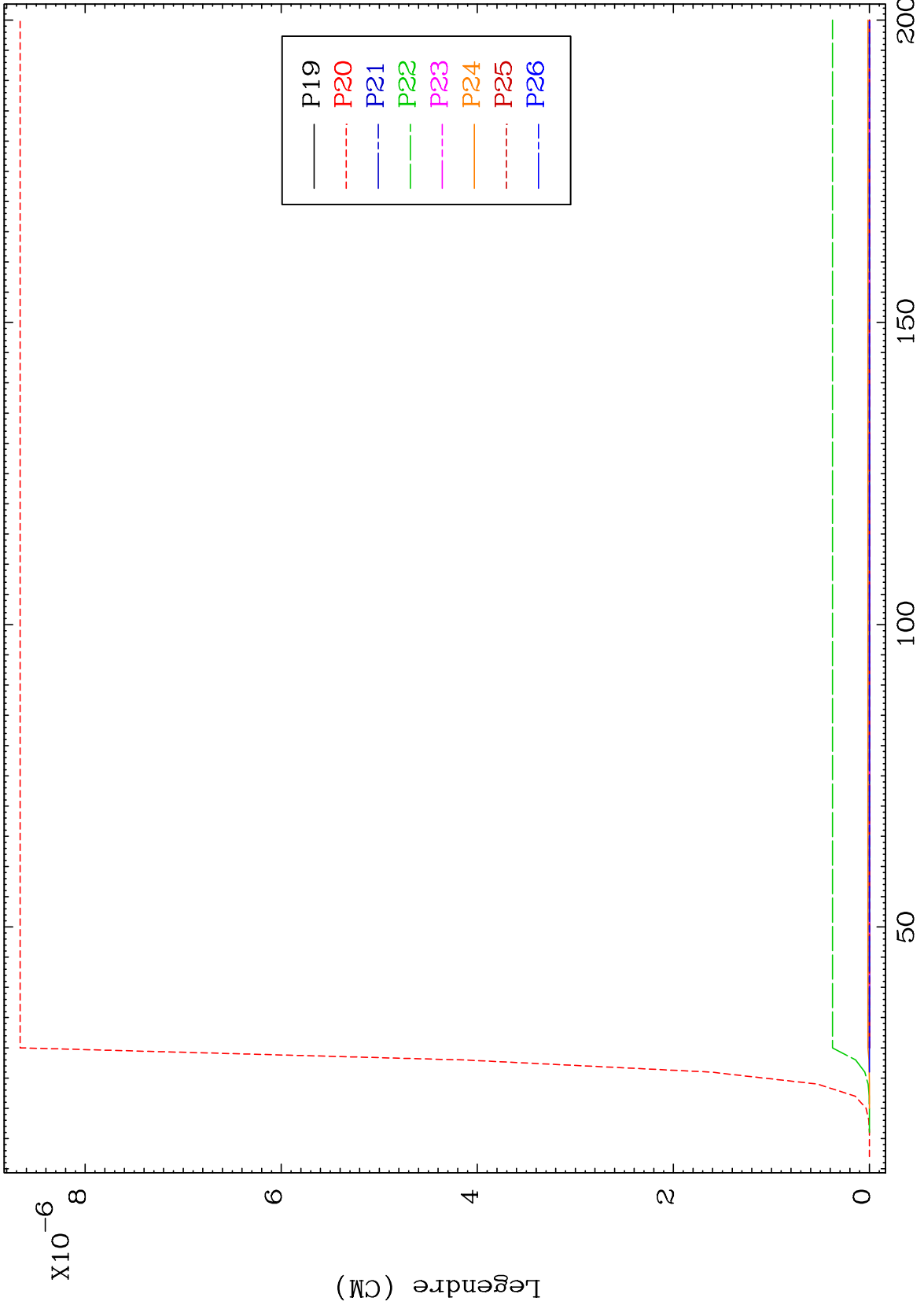
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



108

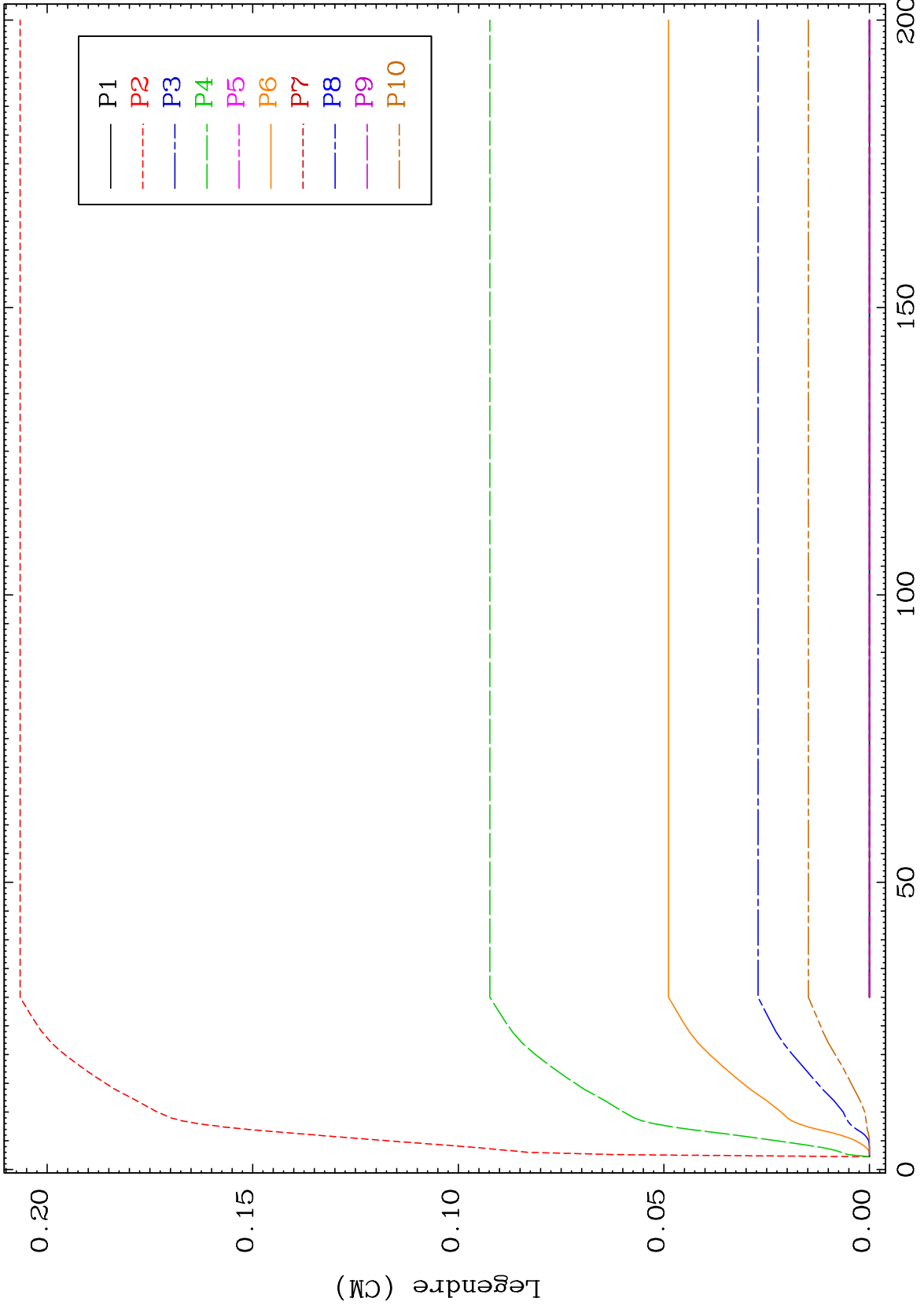
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175



109

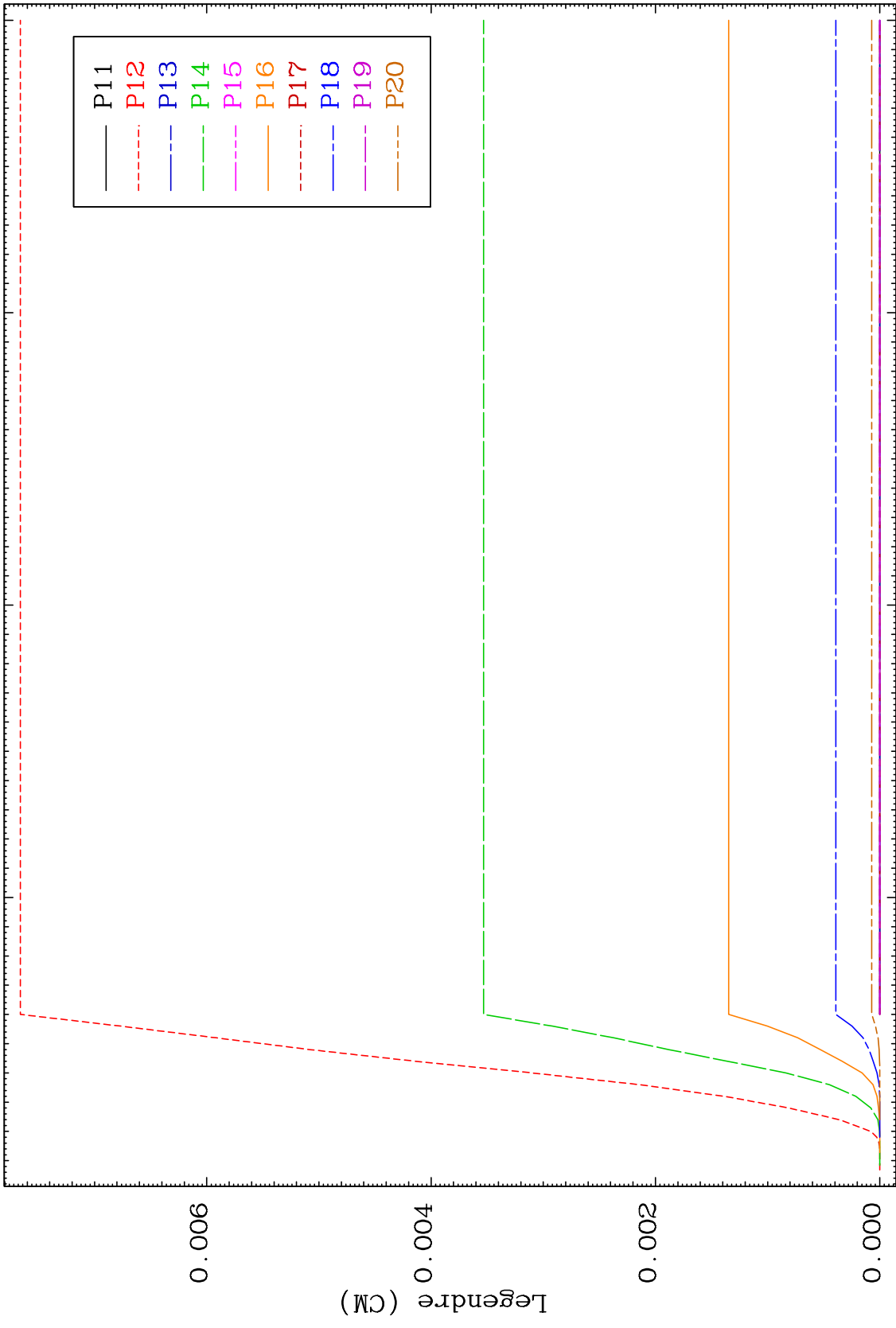
Incident Energy (MeV)

69-Tm-175

MAT 6943

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

69-Tm-175

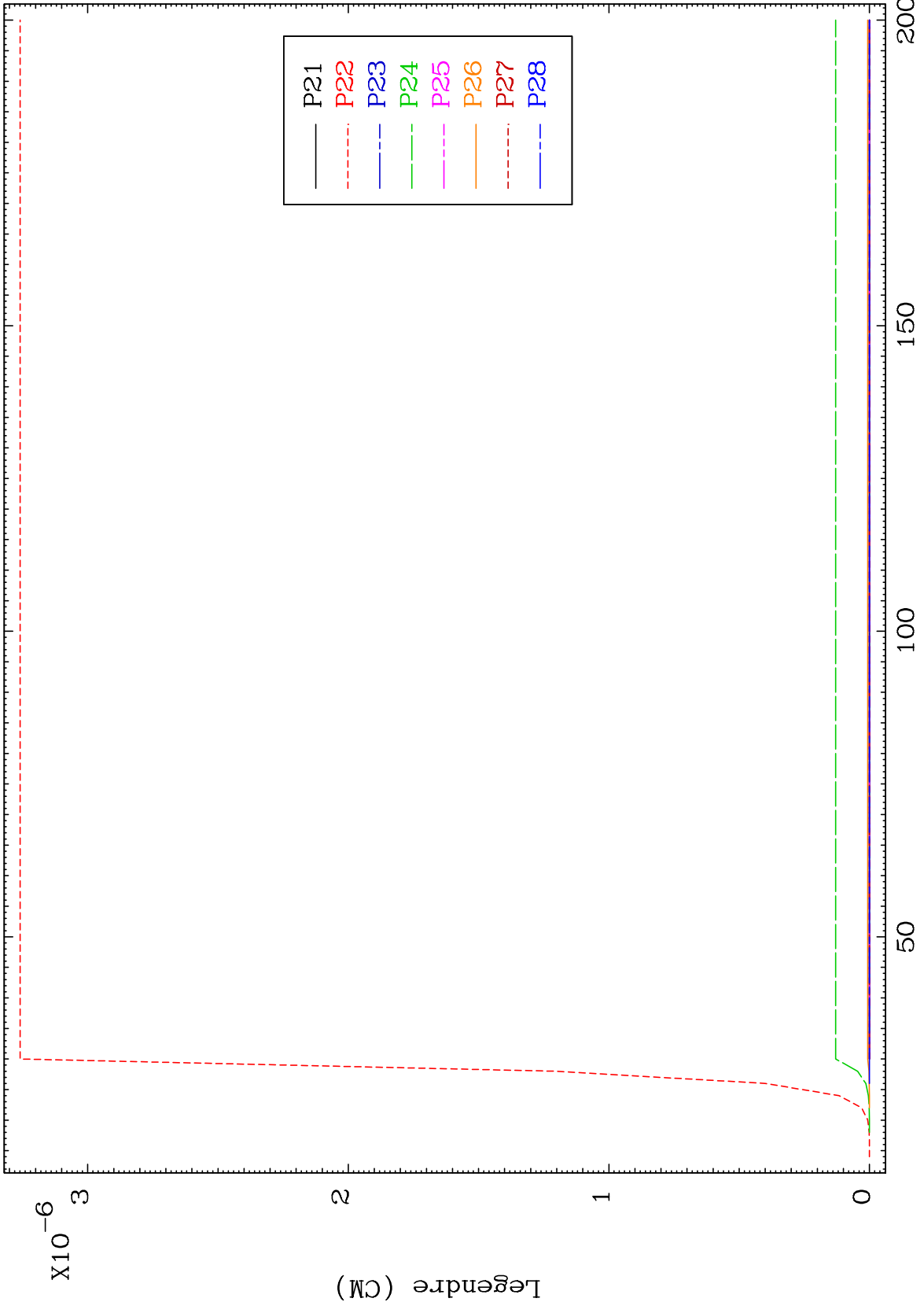


110

Incident Energy (MeV)

69-Tm-175

MAT 6943 MT= 80 (n,n') Level Legendre Coefficients 69-Tm-175

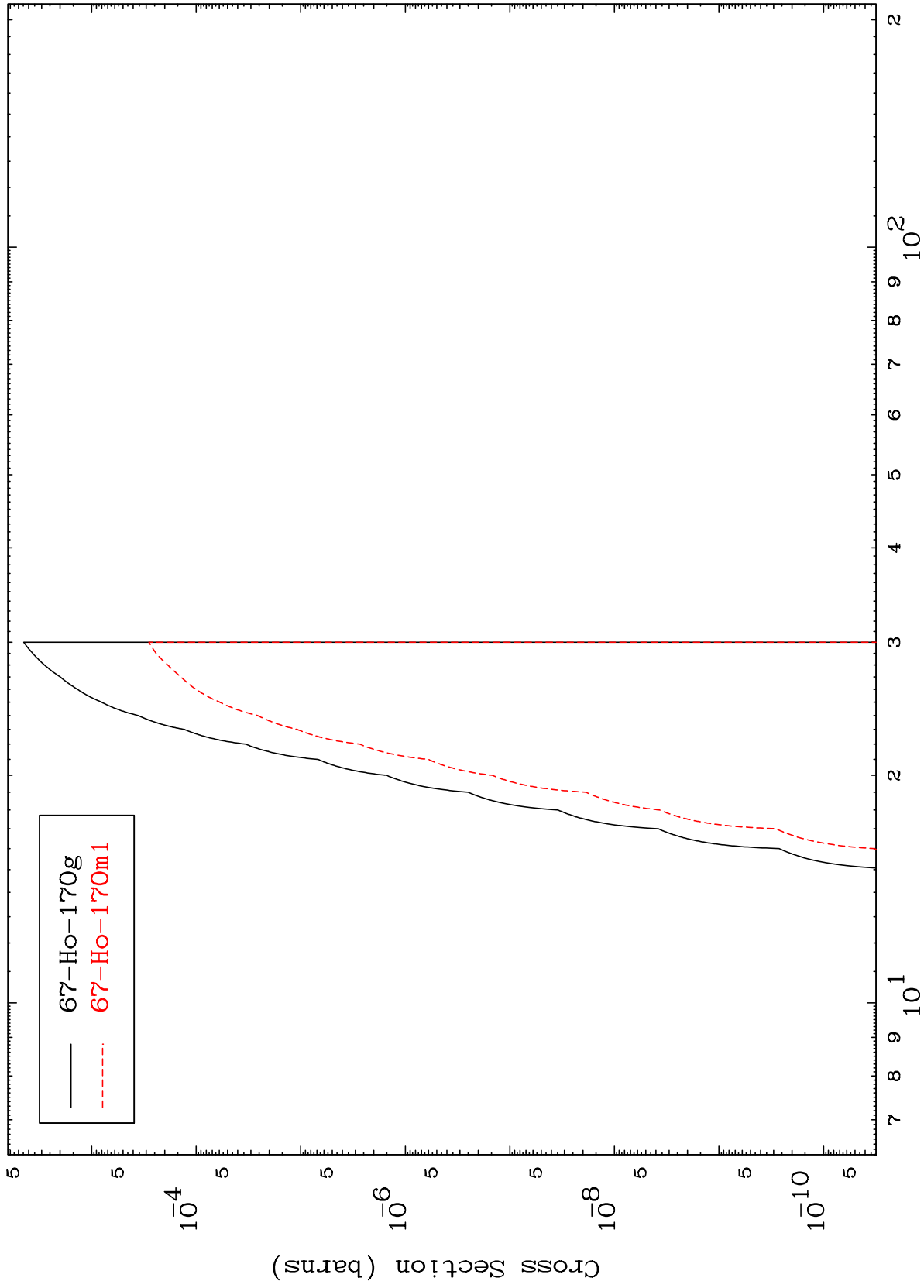


111 69-Tm-175

MAT 6943

69-Tm-175

(n,2n) α
Radionuclide Production Cross Section



112

69-Tm-175