

Program EVALPLOT
(Version 2021-1)

by

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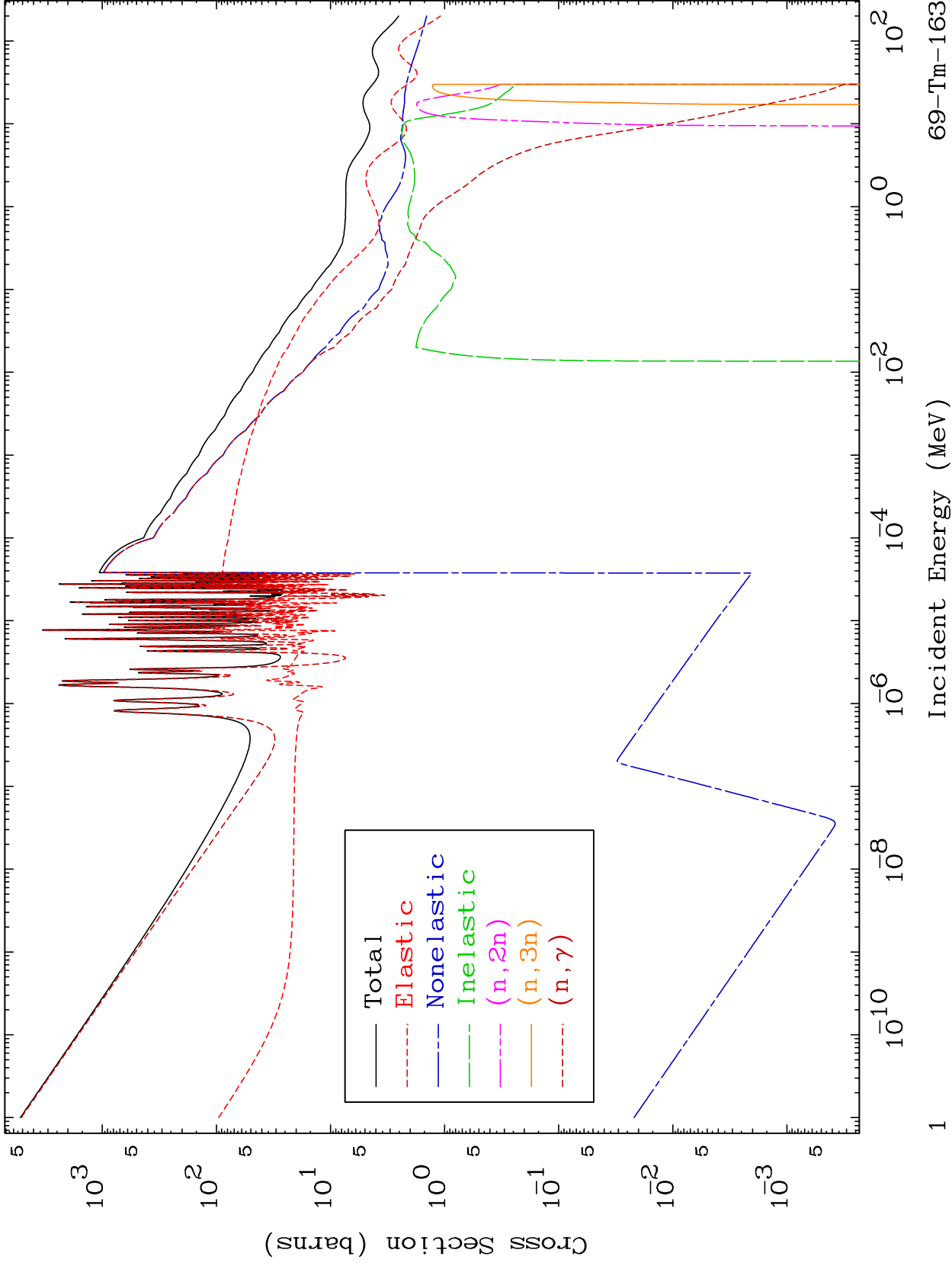
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6907

Neutron Major
293 Kelvin Cross Sections

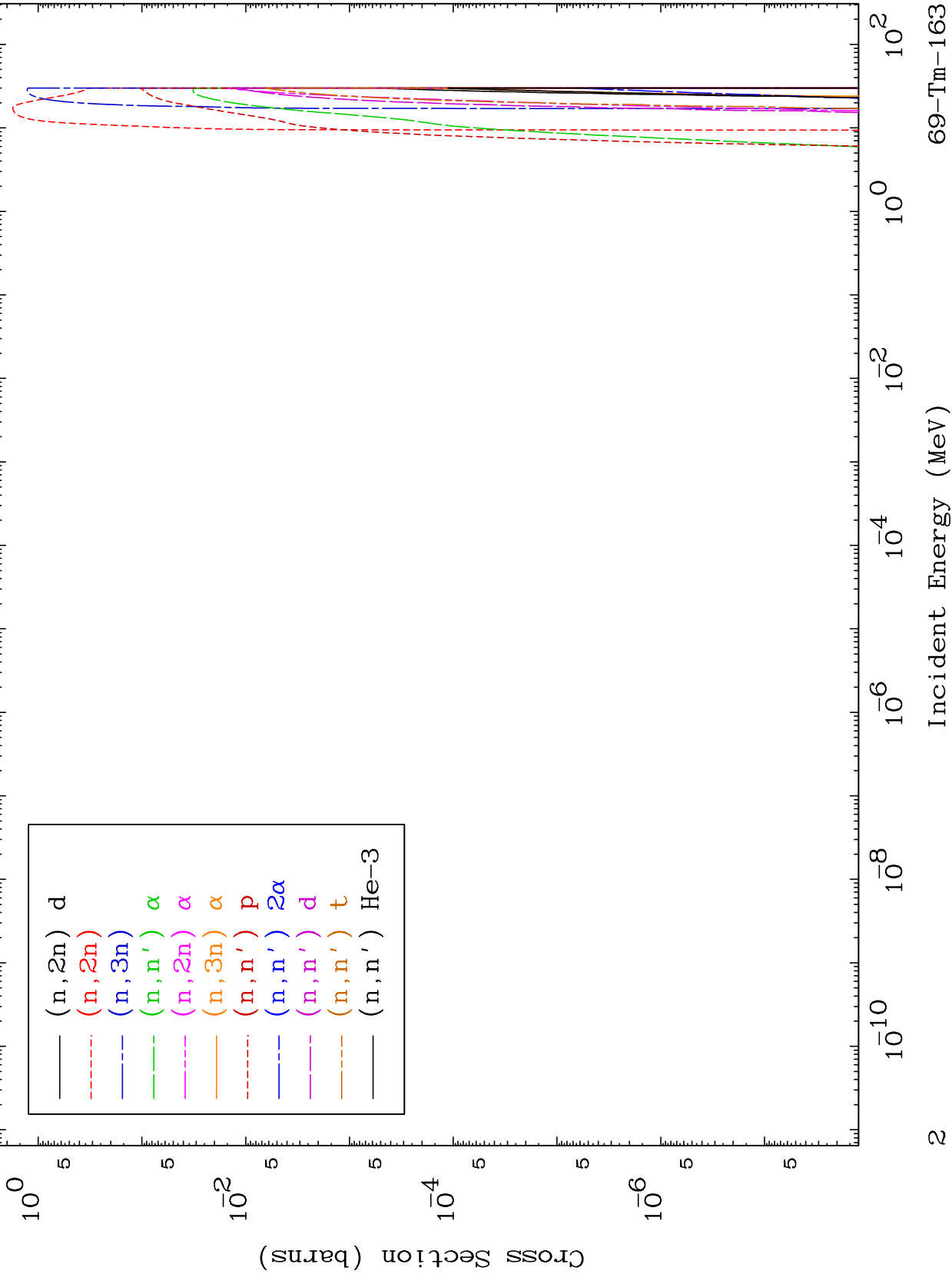
69-Tm-163

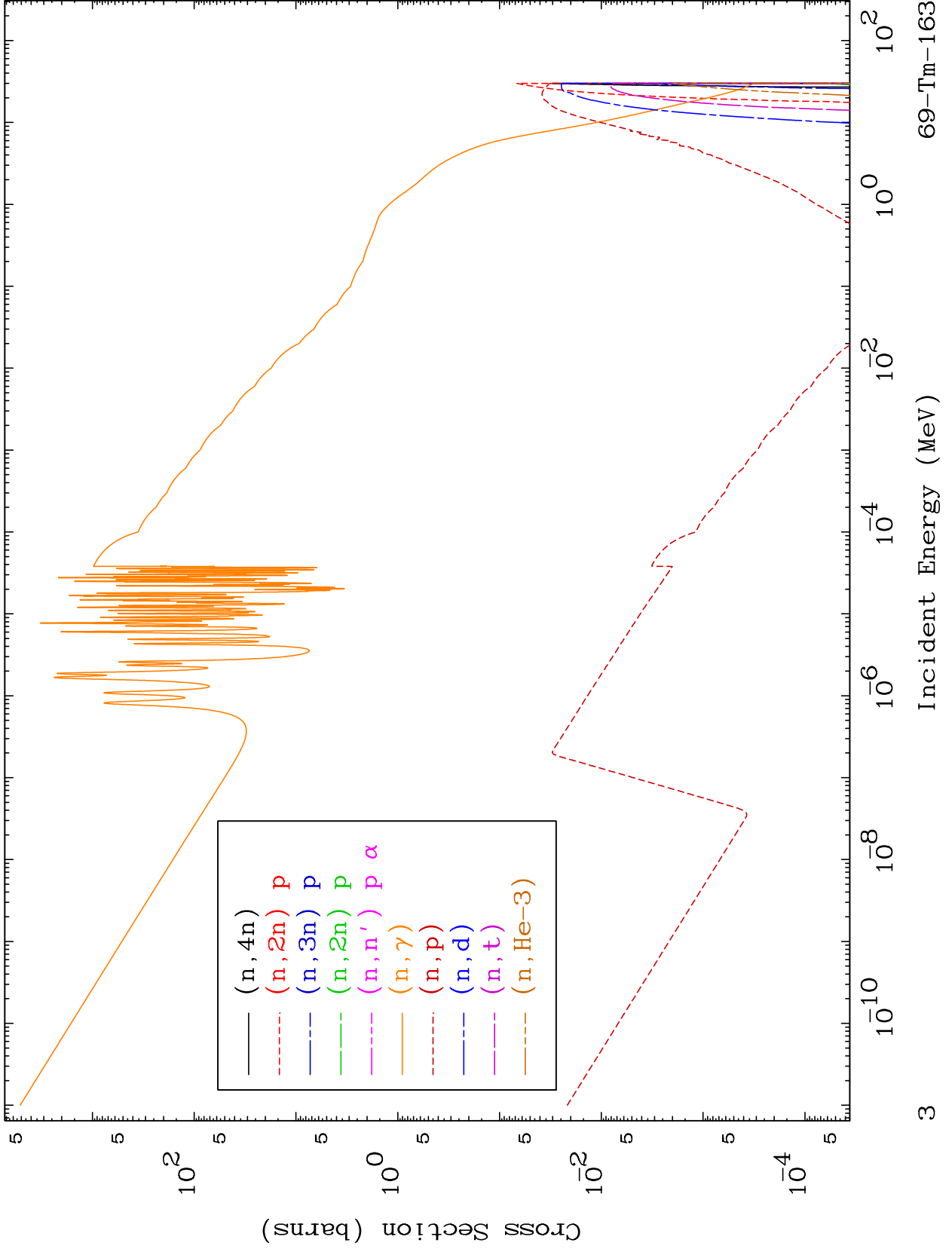


MAT 6907

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-163

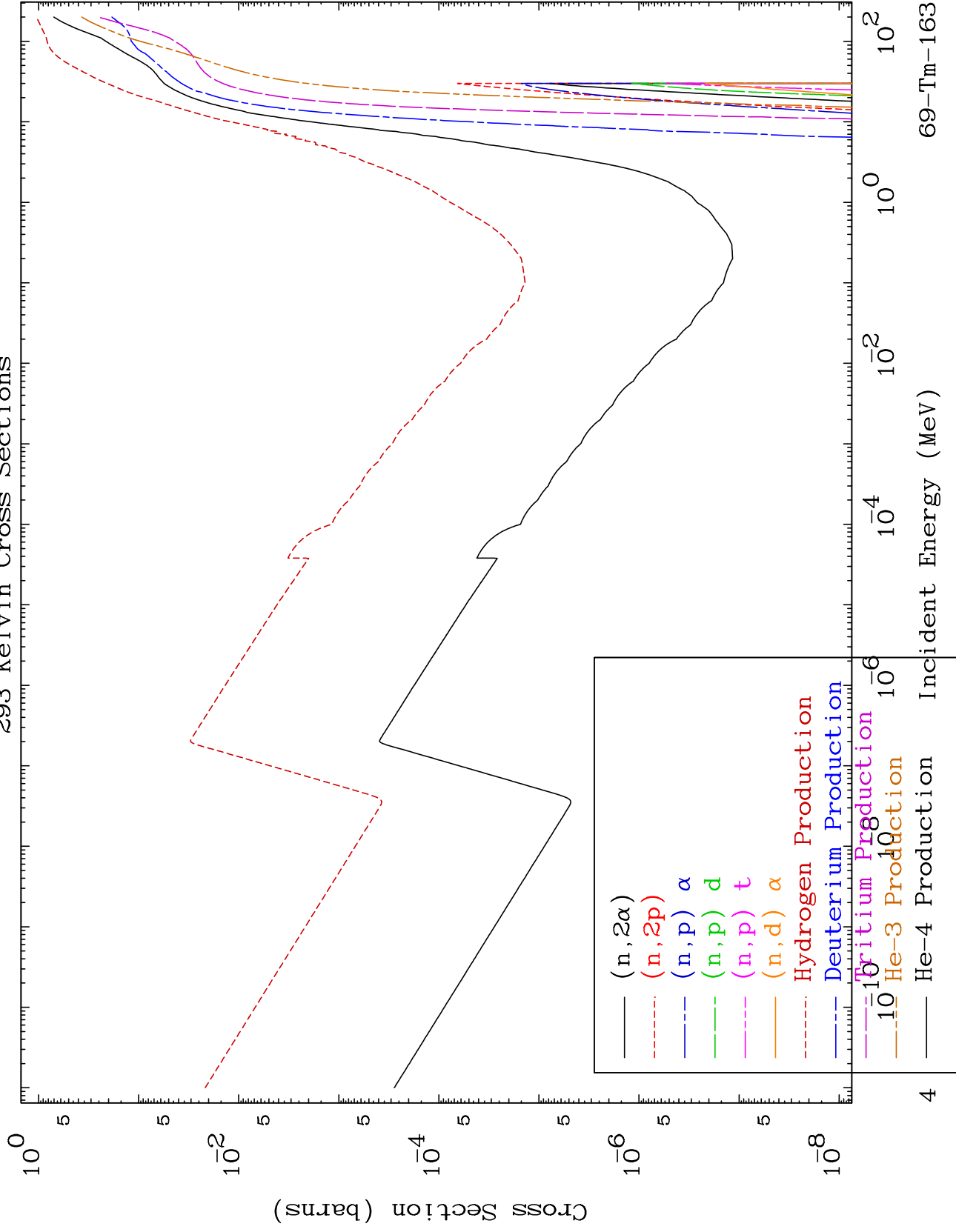




MAT 6907

Neutron Absorption
293 Kelvin Cross Sections

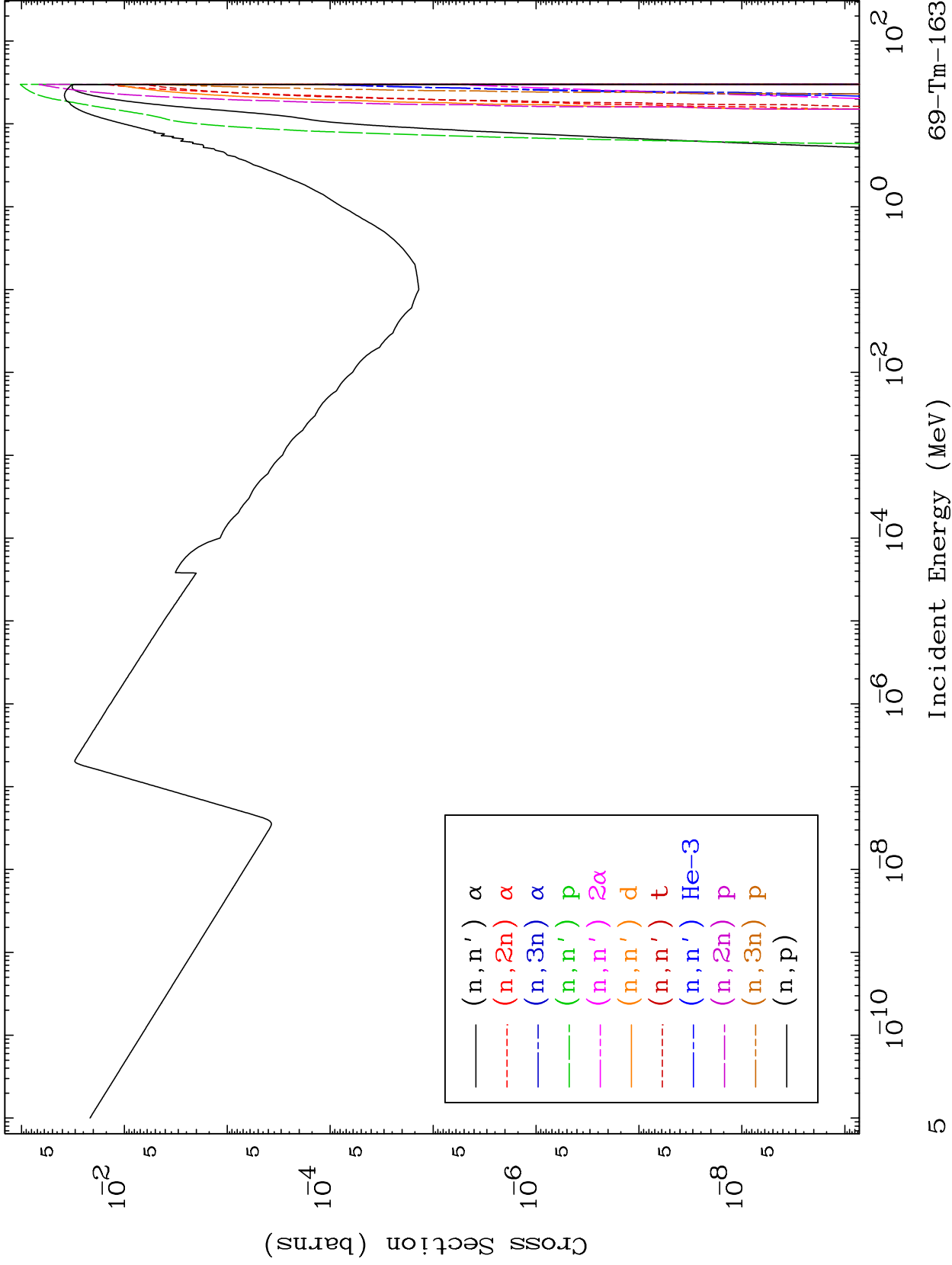
69-Tm-163



MAT 6907

Charged Particle
293 Kelvin Cross Sections

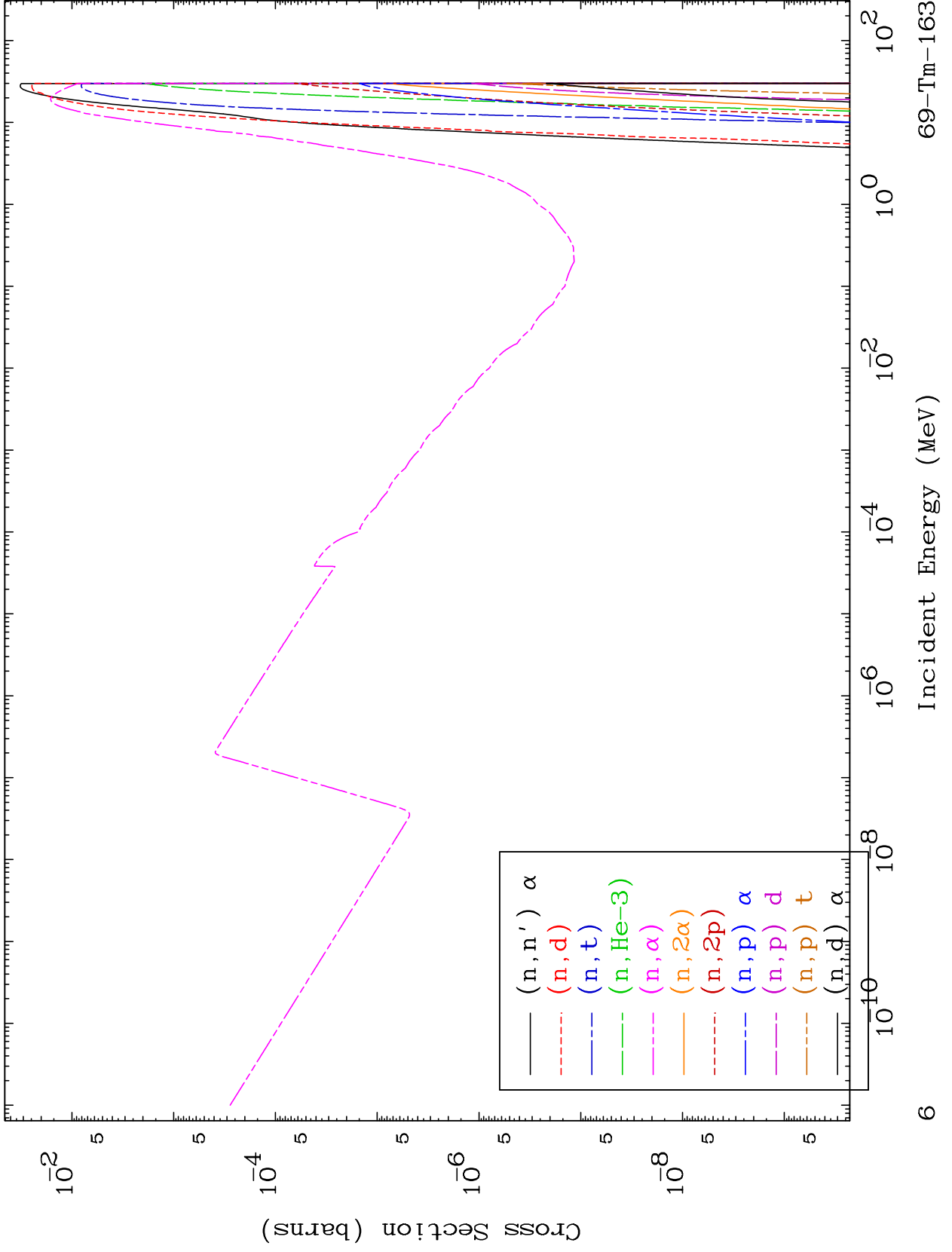
69-Tm-163



MAT 6907

Charged Particle
293 Kelvin Cross Sections

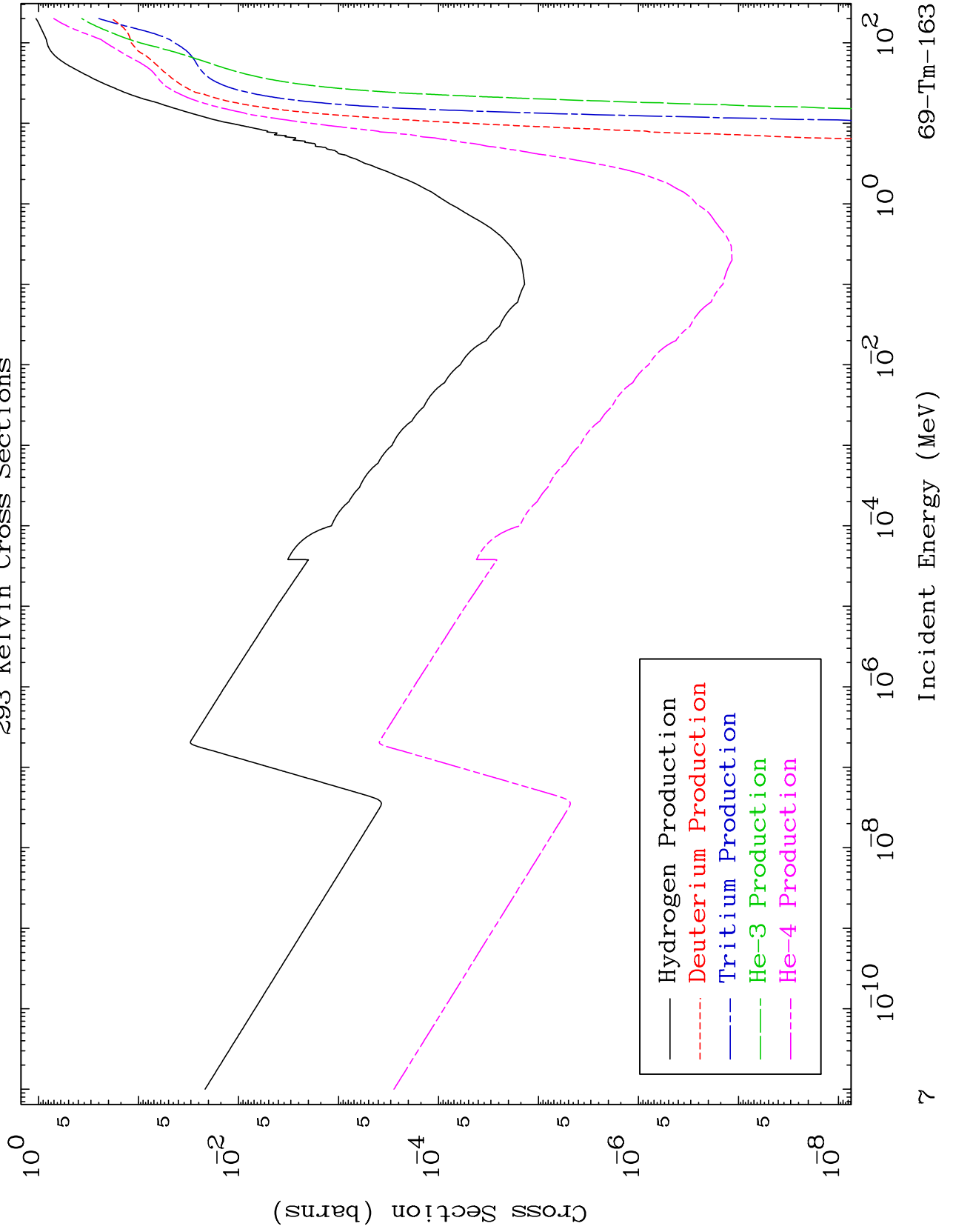
69-Tm-163



MAT 6907

Particle Production
293 Kelvin Cross Sections

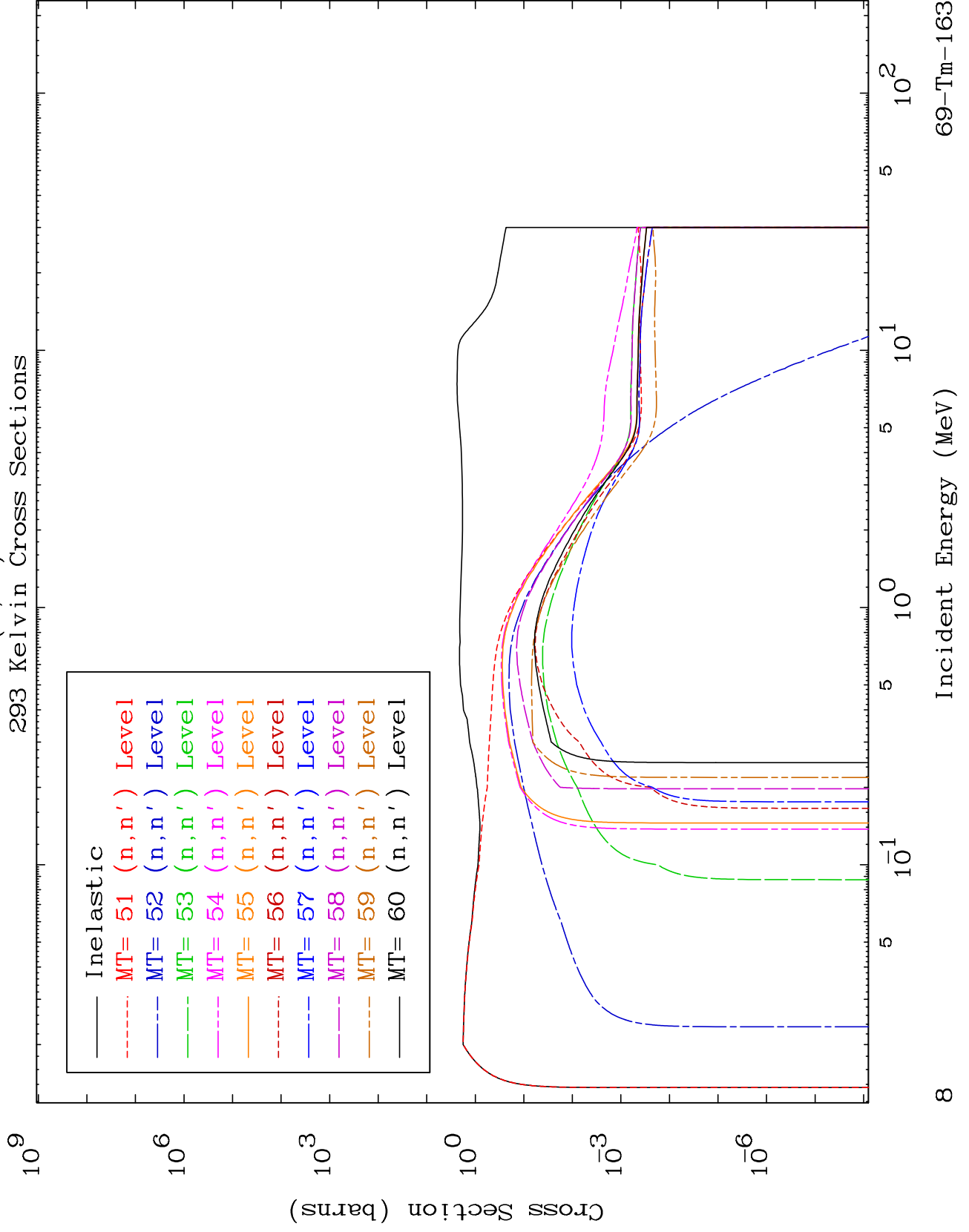
69-Tm-163



MAT 6907

(n,n') Levels
293 Kelvin Cross Sections

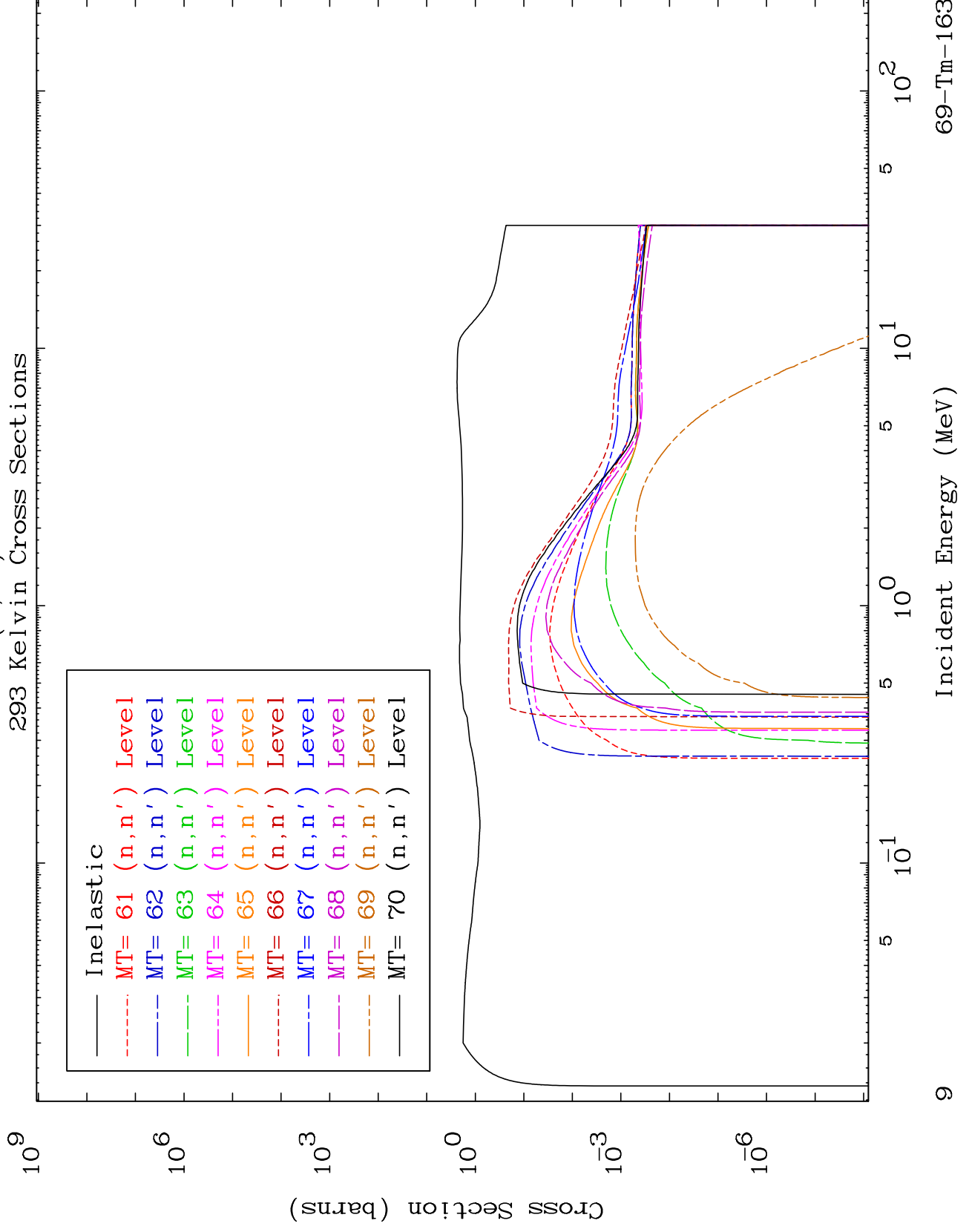
69-Tm-163



MAT 6907

(n,n') Levels
293 Kelvin Cross Sections

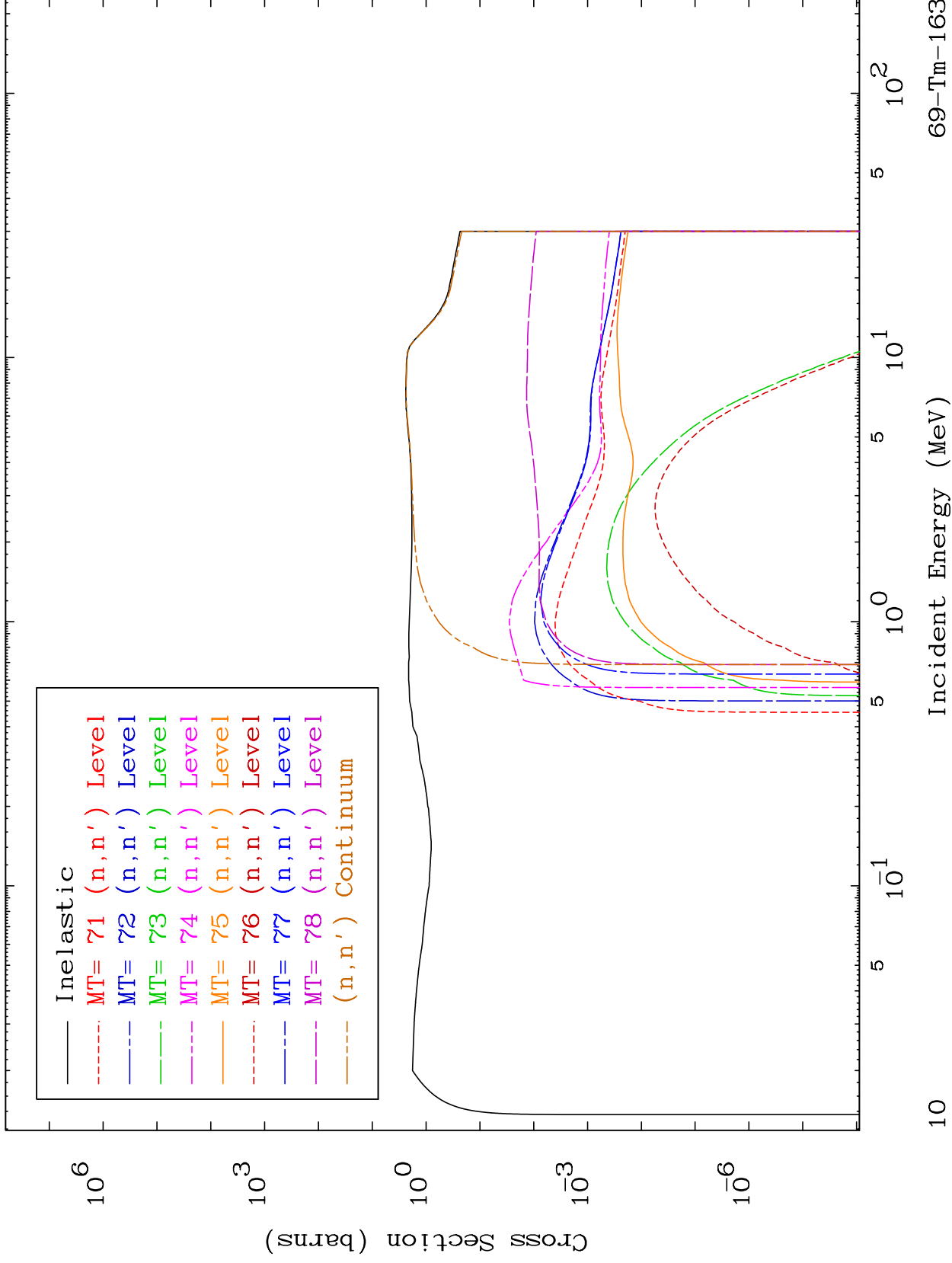
69-Tm-163



MAT 6907

293 (n,n') Levels
Kelvin Cross Sections

69-Tm-163



10

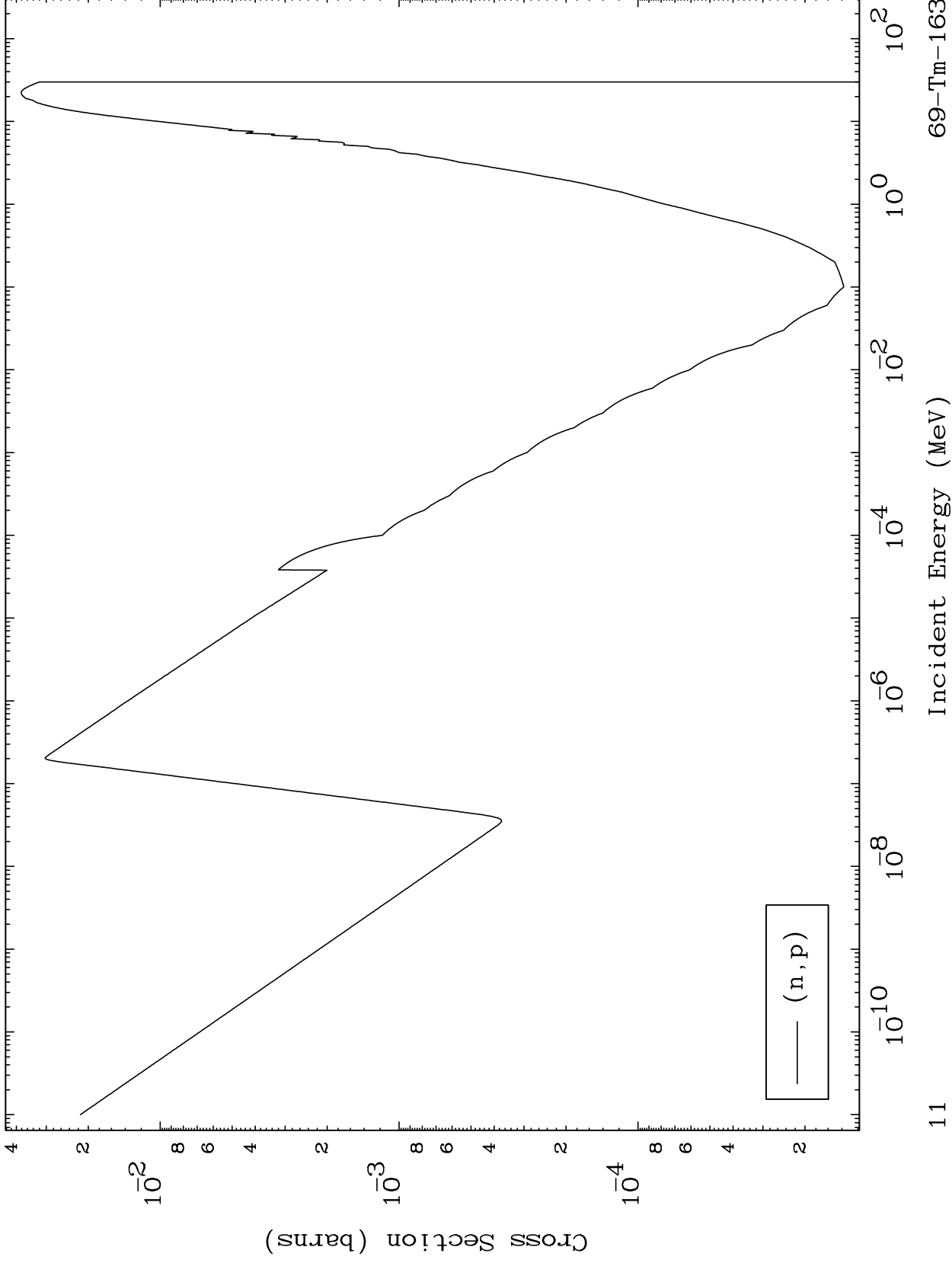
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,p) Levels
293 Kelvin Cross Sections

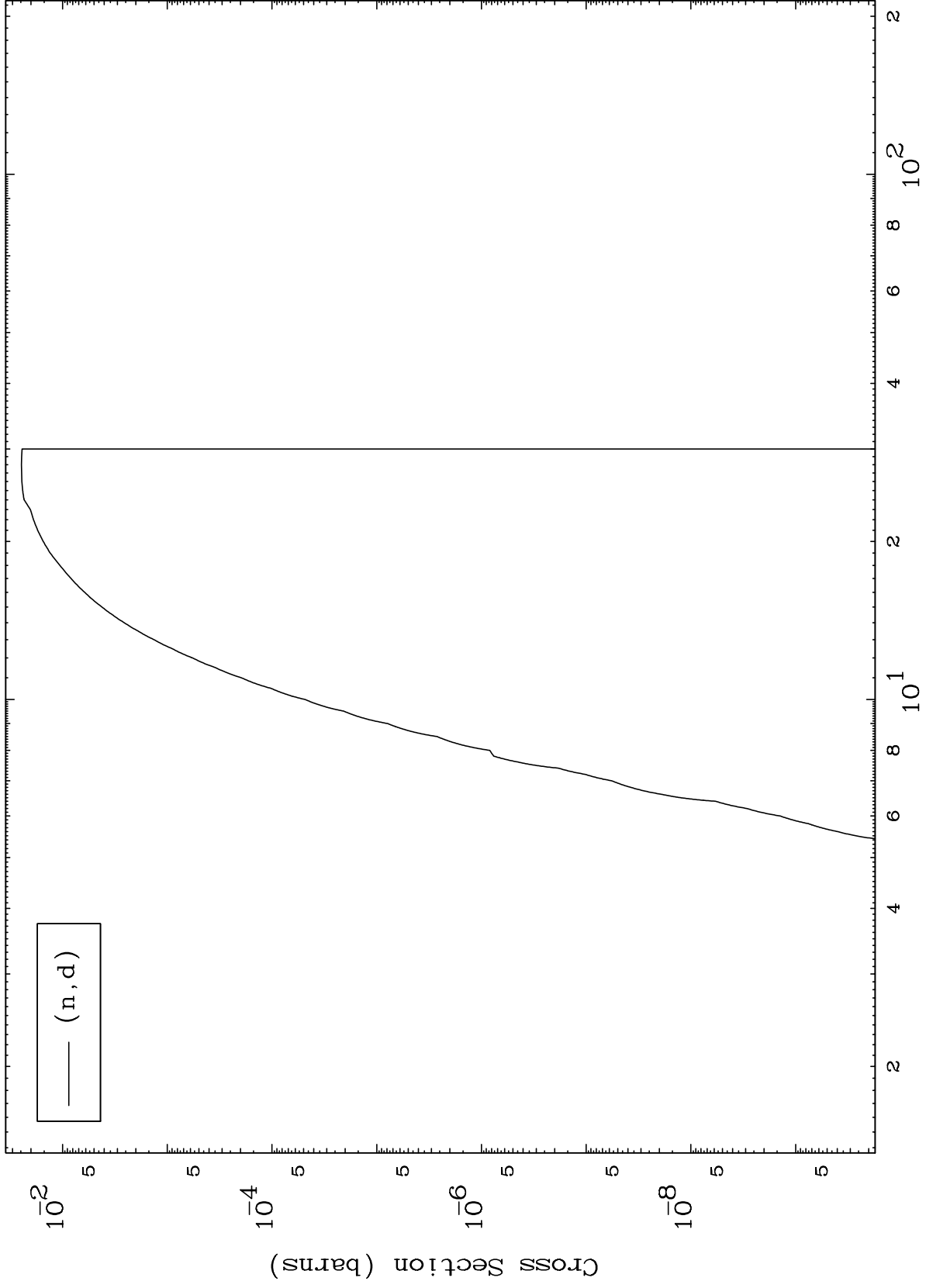
69-Tm-163



MAT 6907

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-163



(n,d)

12

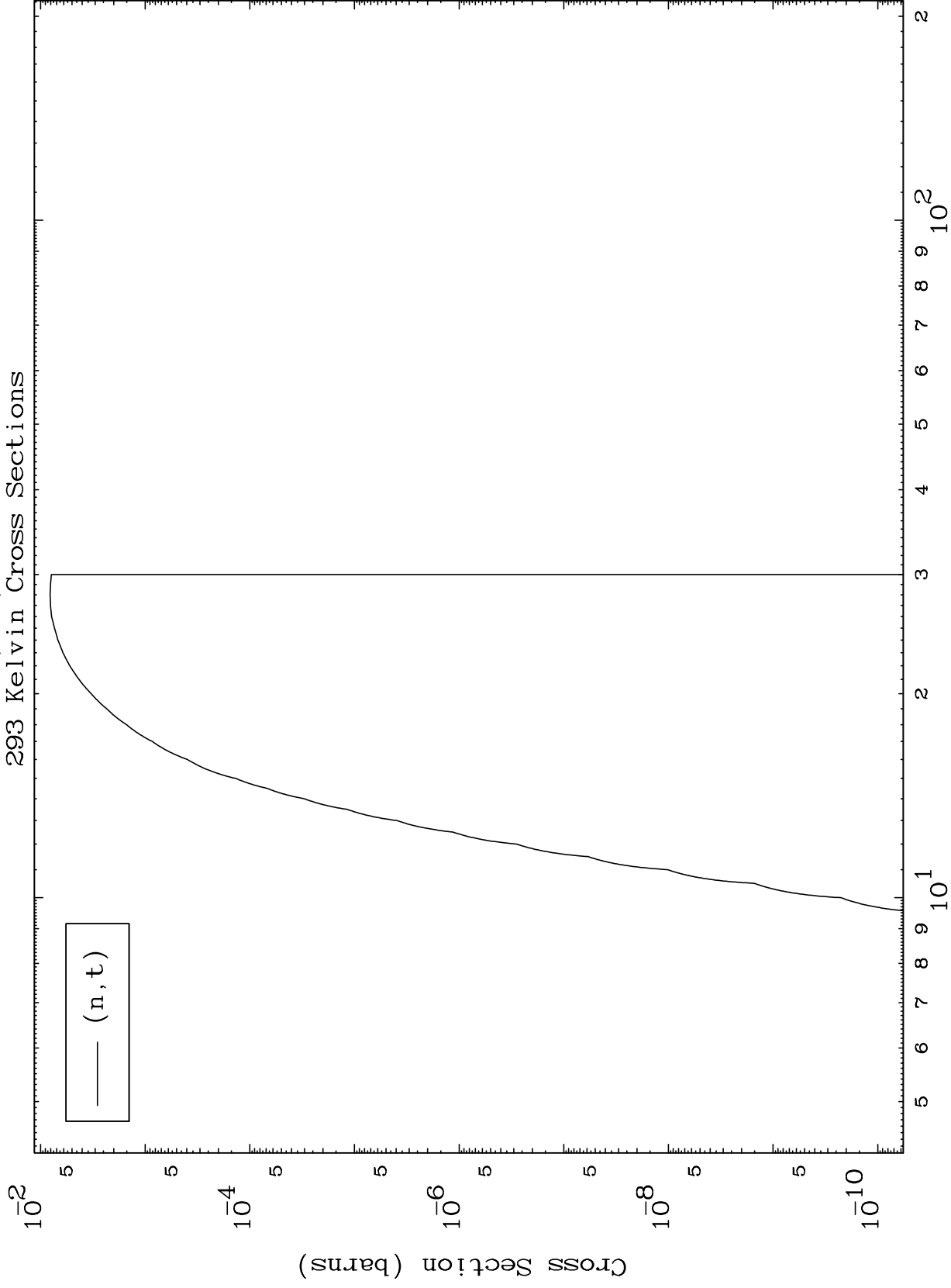
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-163



13

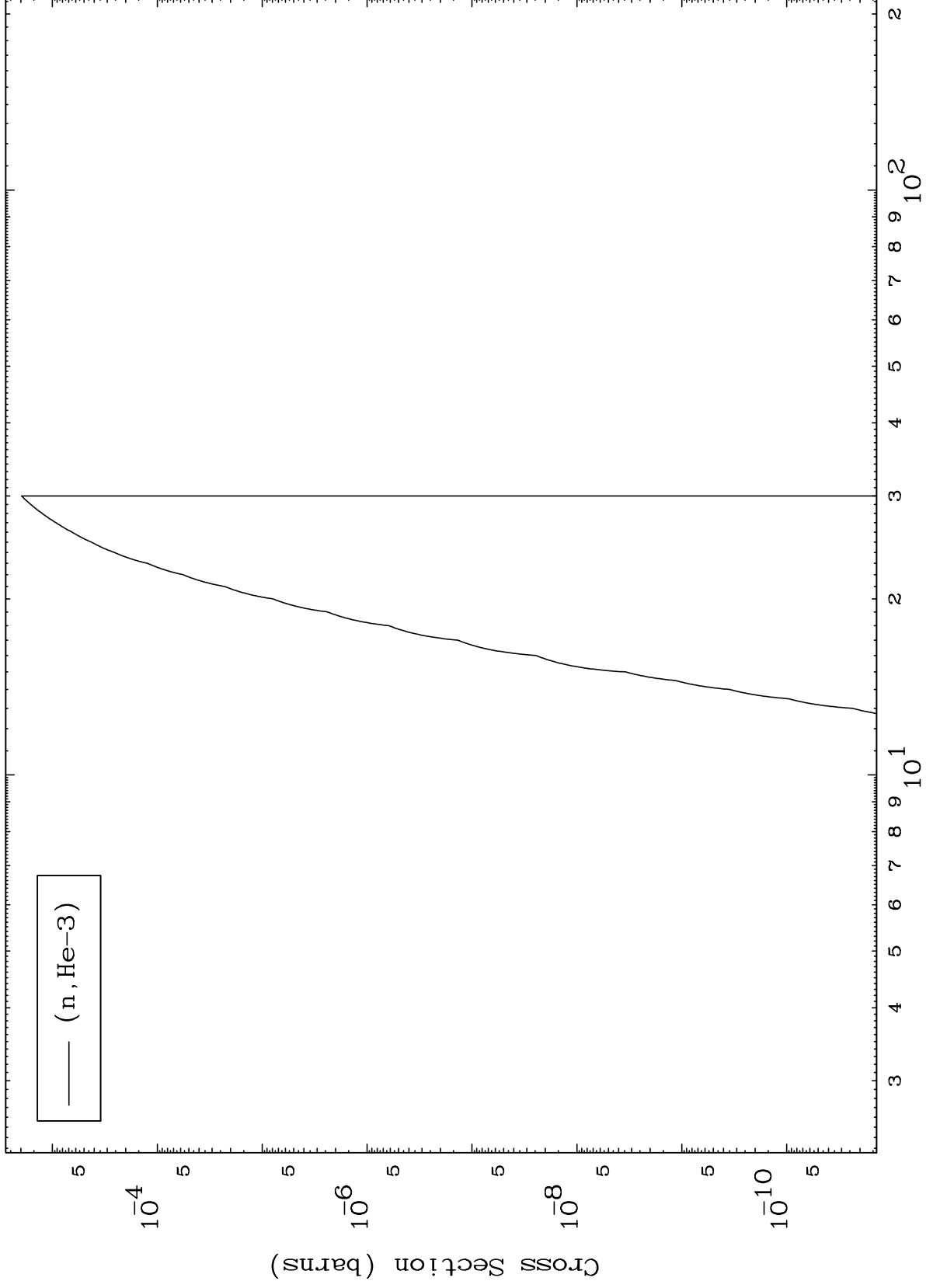
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-163



14

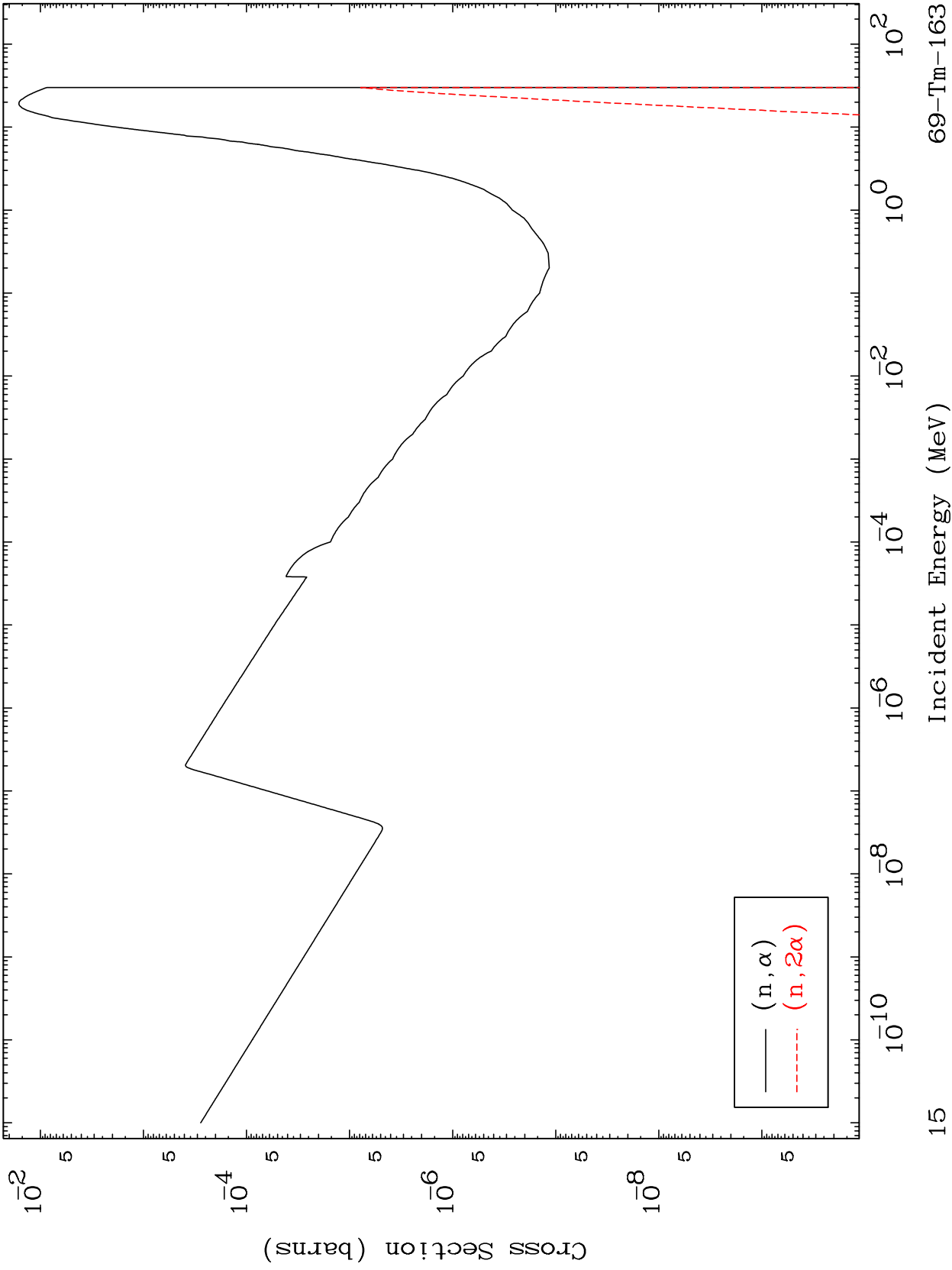
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,α) Levels
293 Kelvin Cross Sections

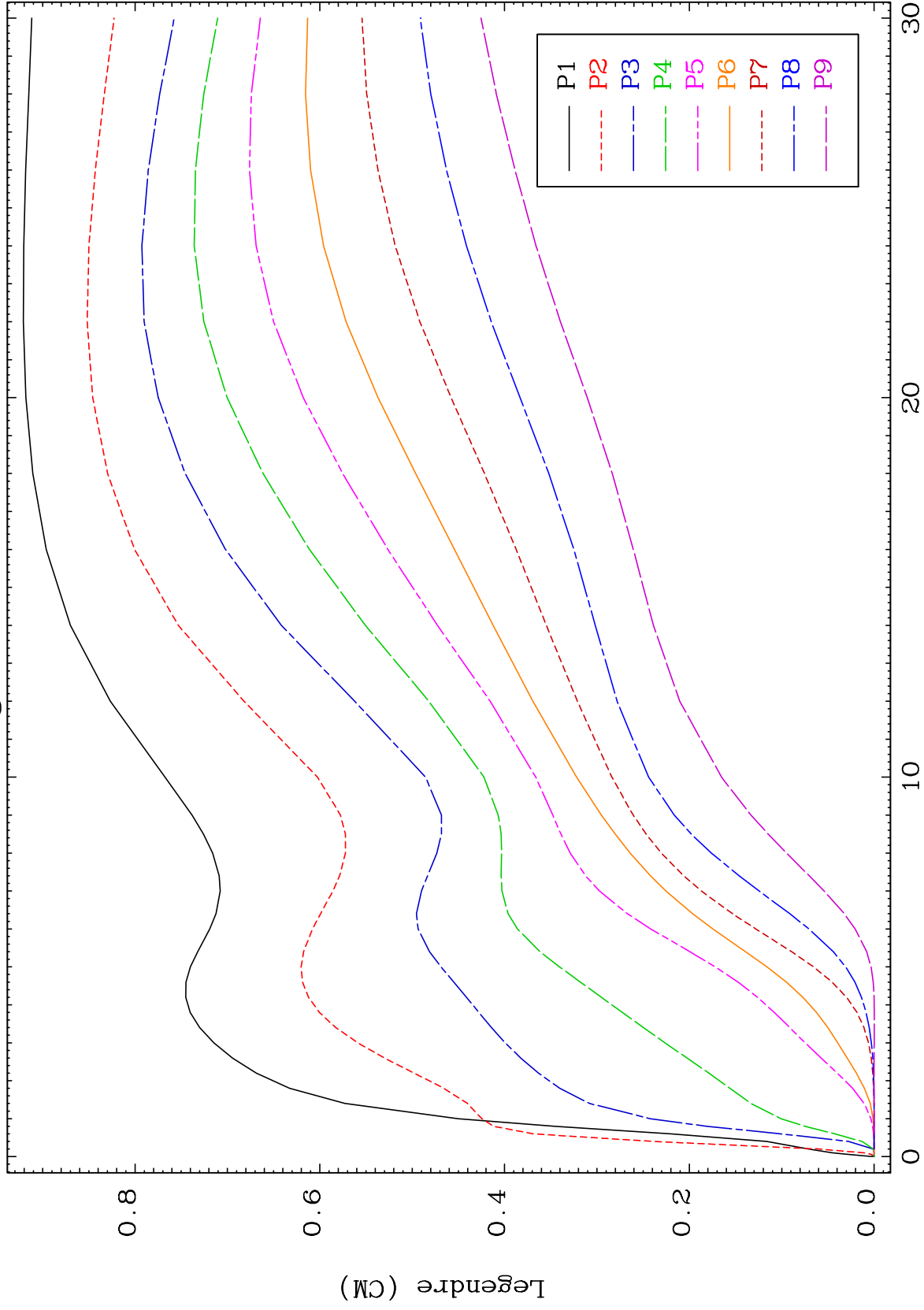
69-Tm-163



MAT 6907

Elastic Legendre Coefficients

69-Tm-163



16

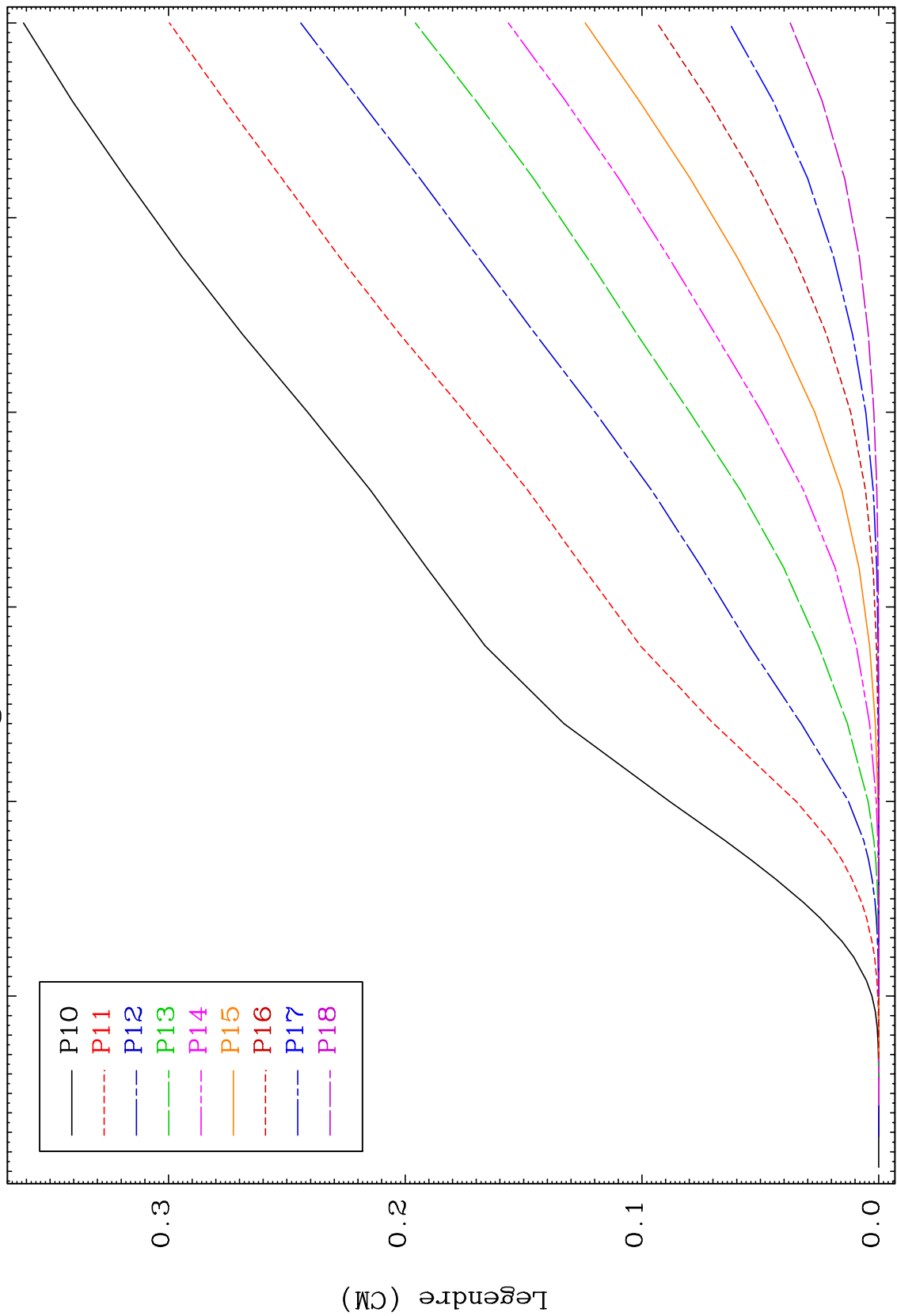
Incident Energy (MeV)

69-Tm-163

MAT 6907

Elastic Legendre Coefficients

69-Tm-163



17

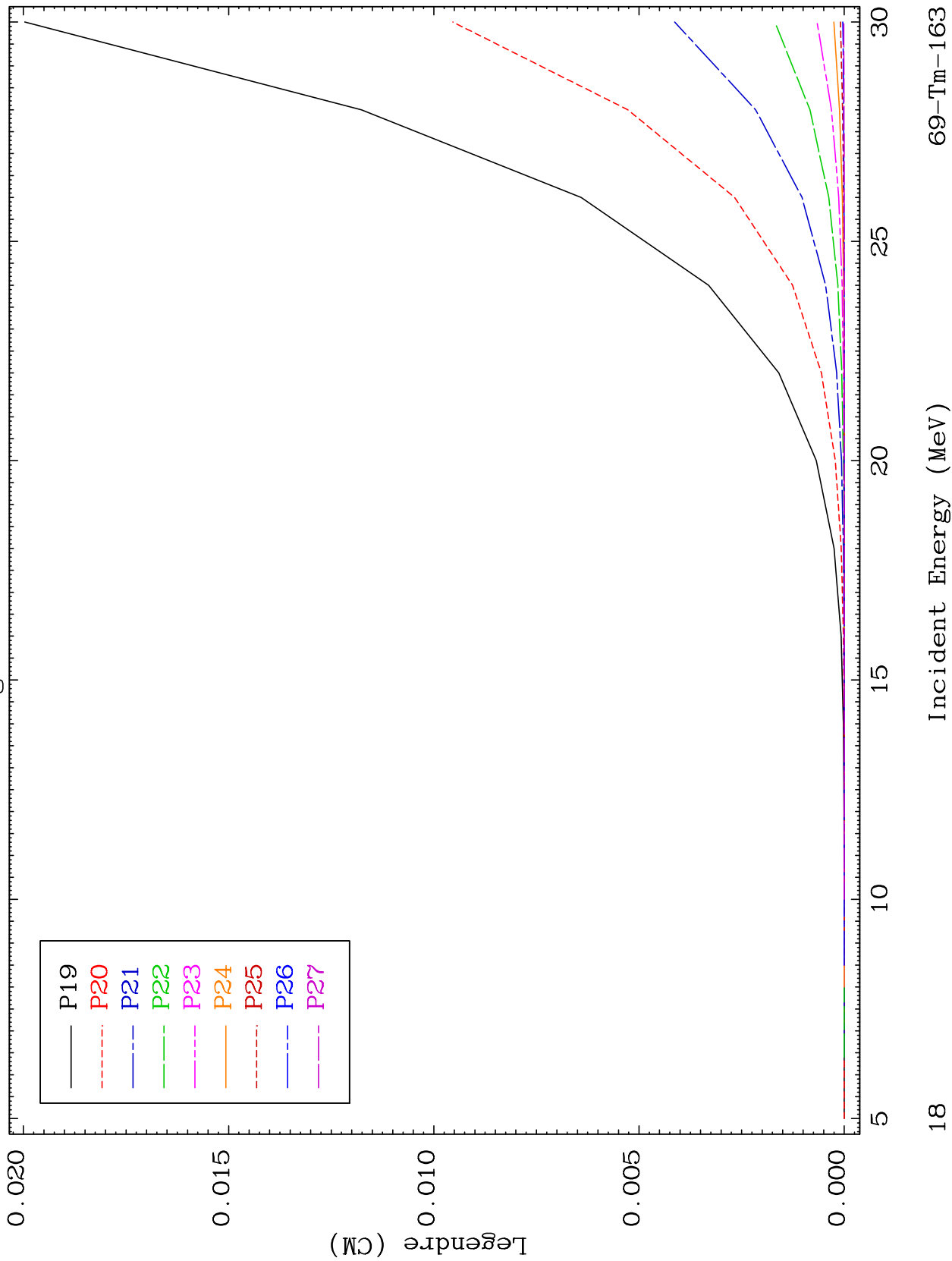
Incident Energy (MeV)

69-Tm-163

MAT 6907

Elastic
Legendre Coefficients

69-Tm-163



18

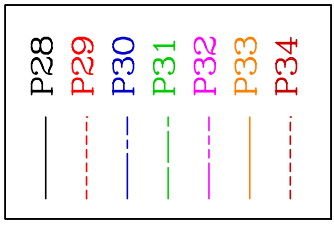
Incident Energy (MeV)

69-Tm-163

MAT 6907

Elastic Legendre Coefficients

69-Tm-163

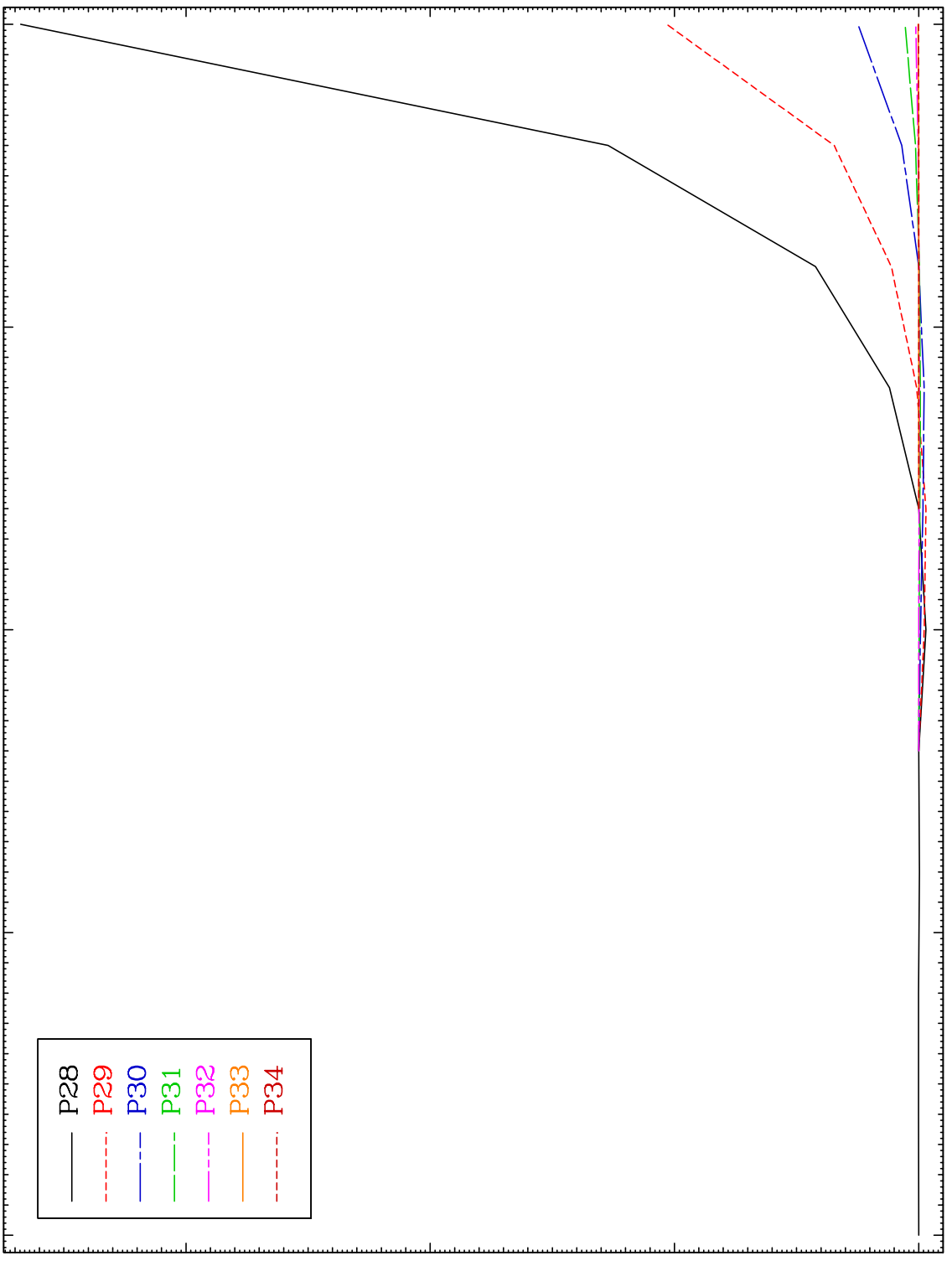


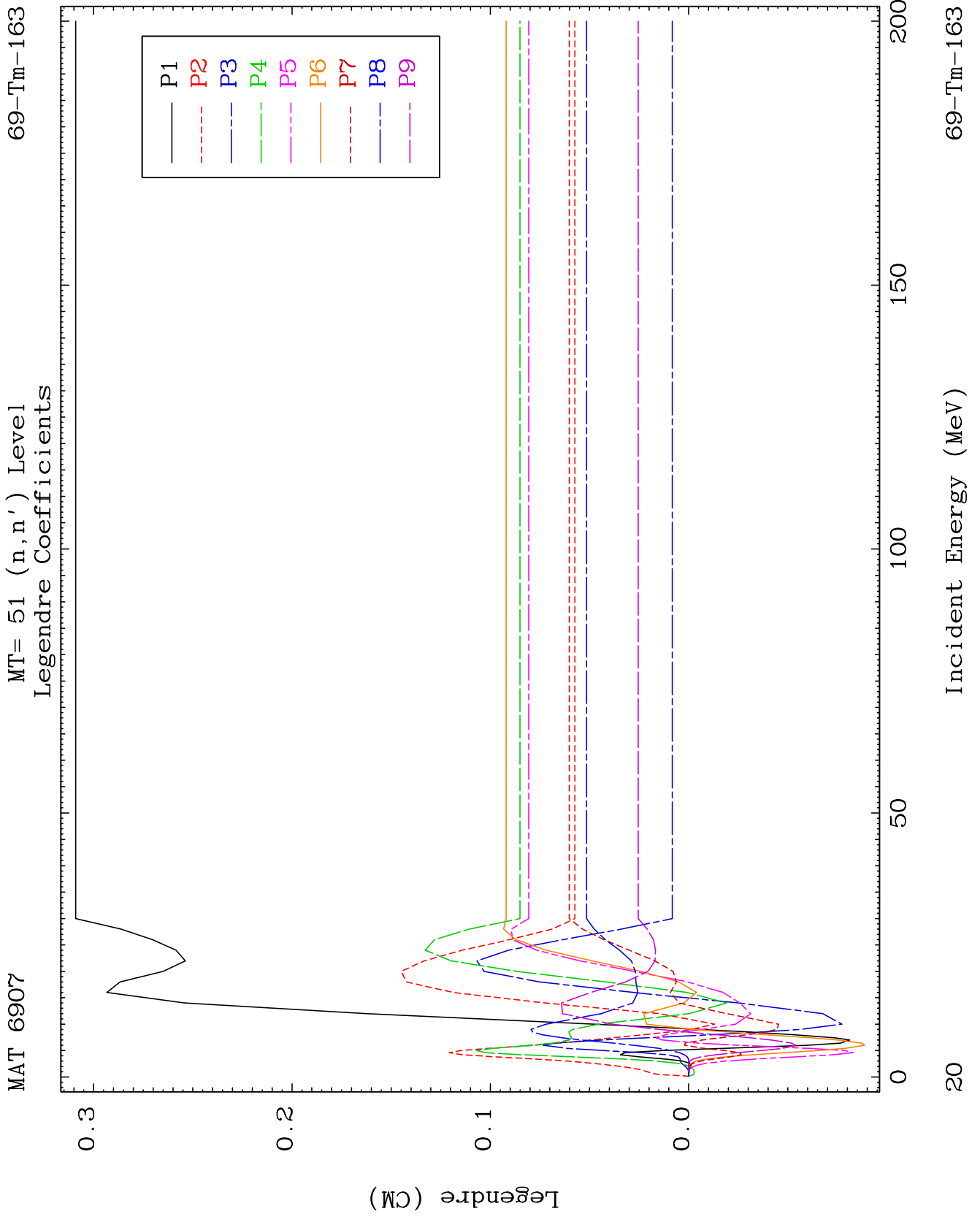
$\times 10^{-6}$

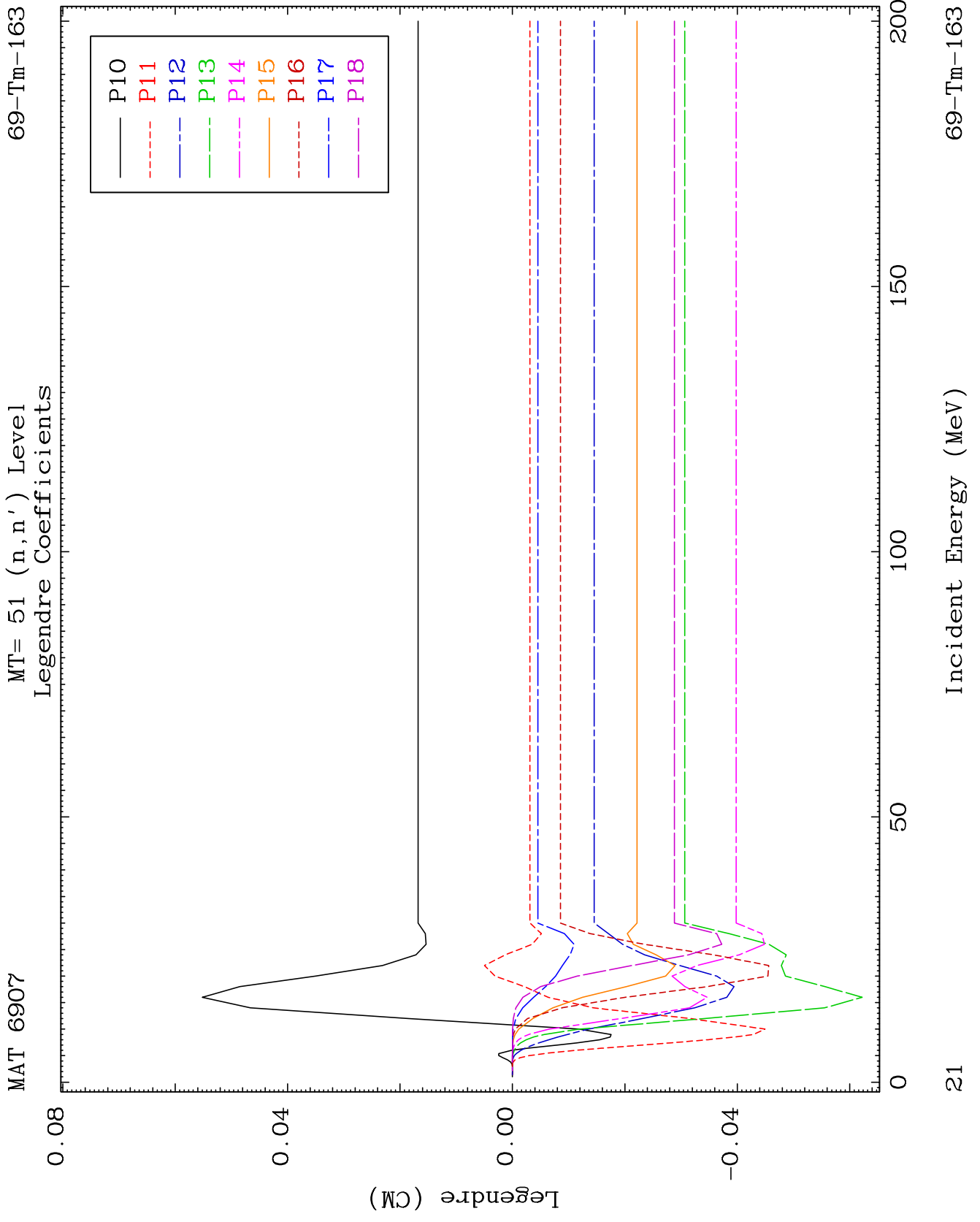
Legendre (CM)

Incident Energy (MeV)

69-Tm-163



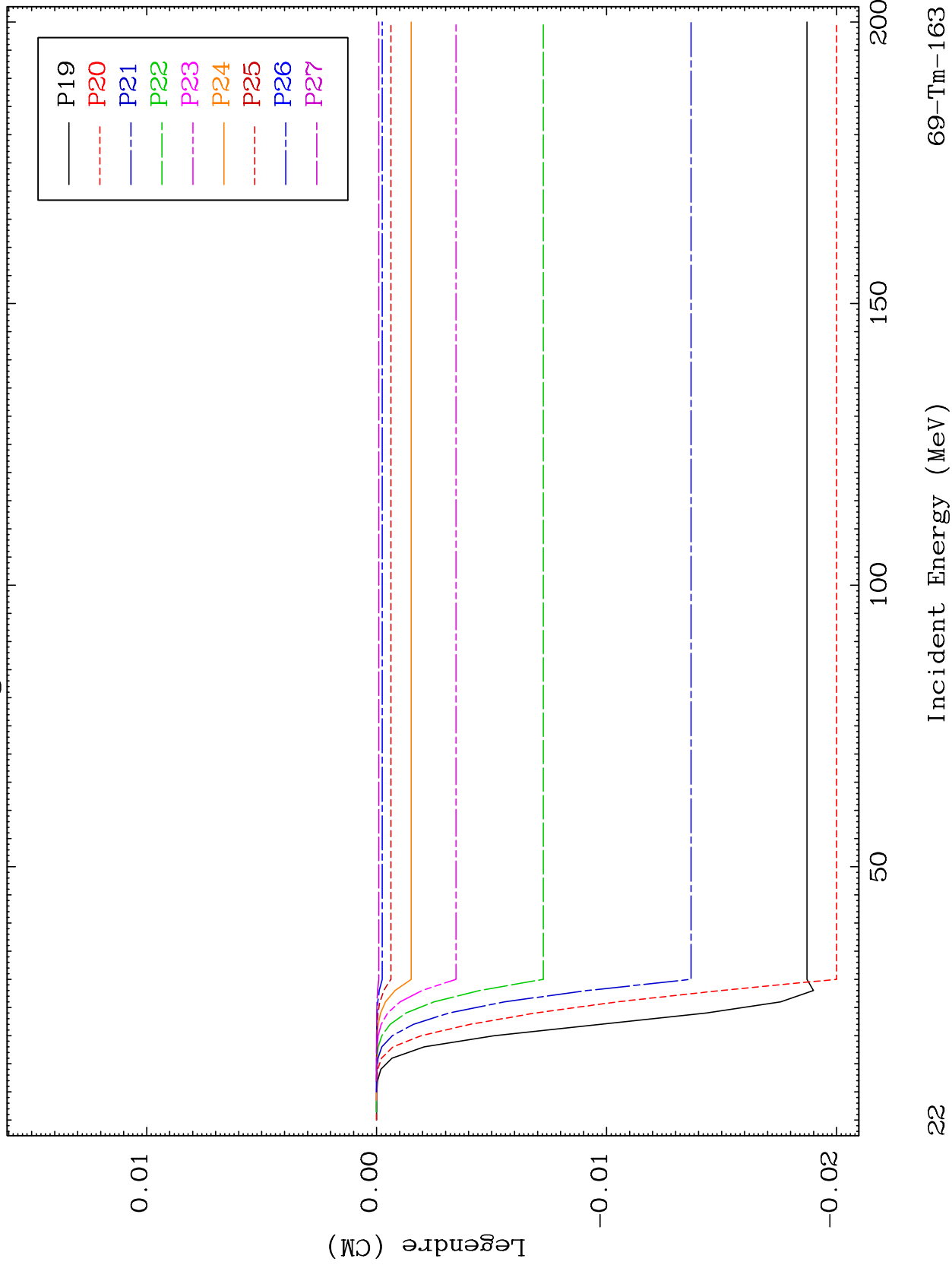




MAT 6907

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

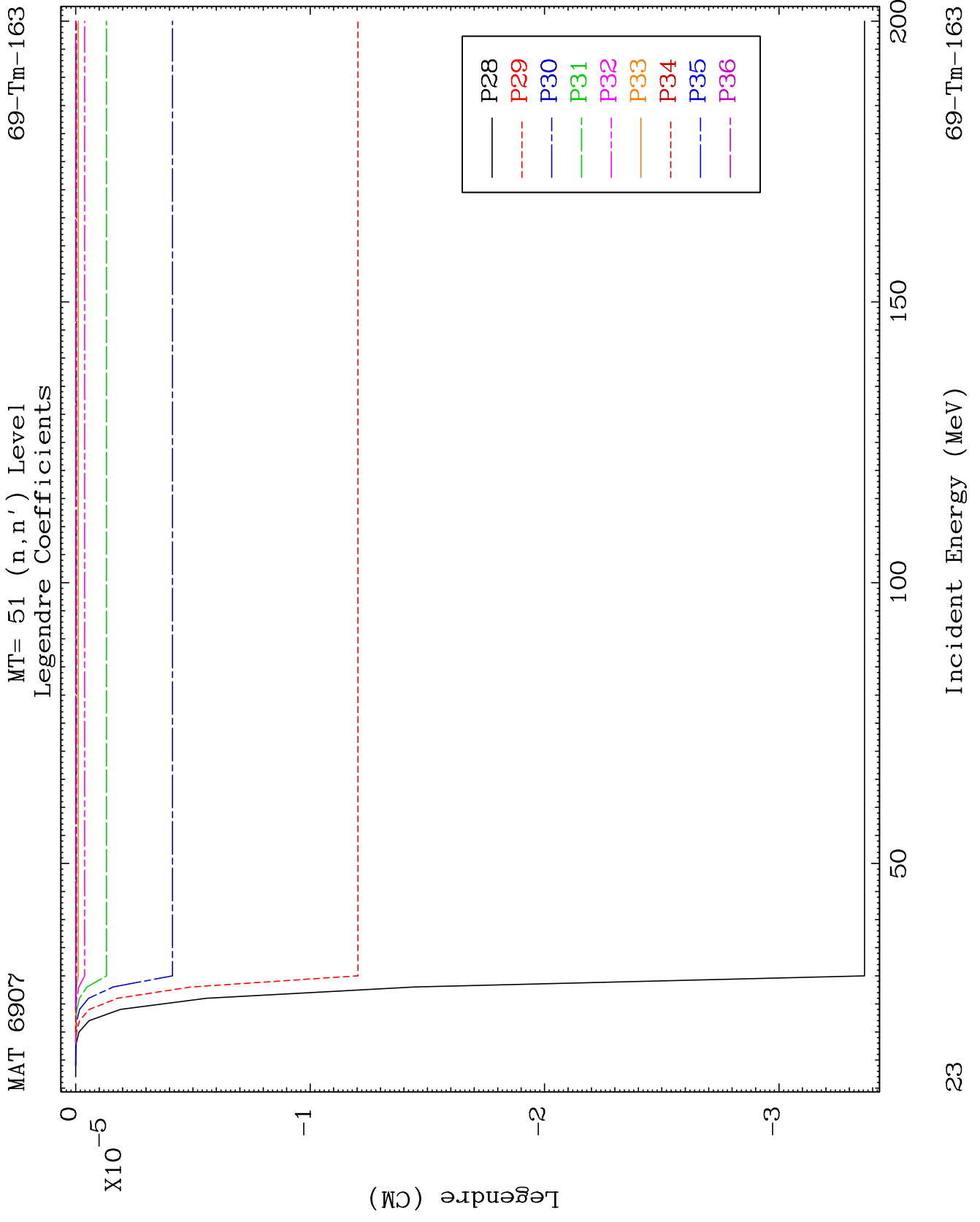
69-Tm-163



22

Incident Energy (MeV)

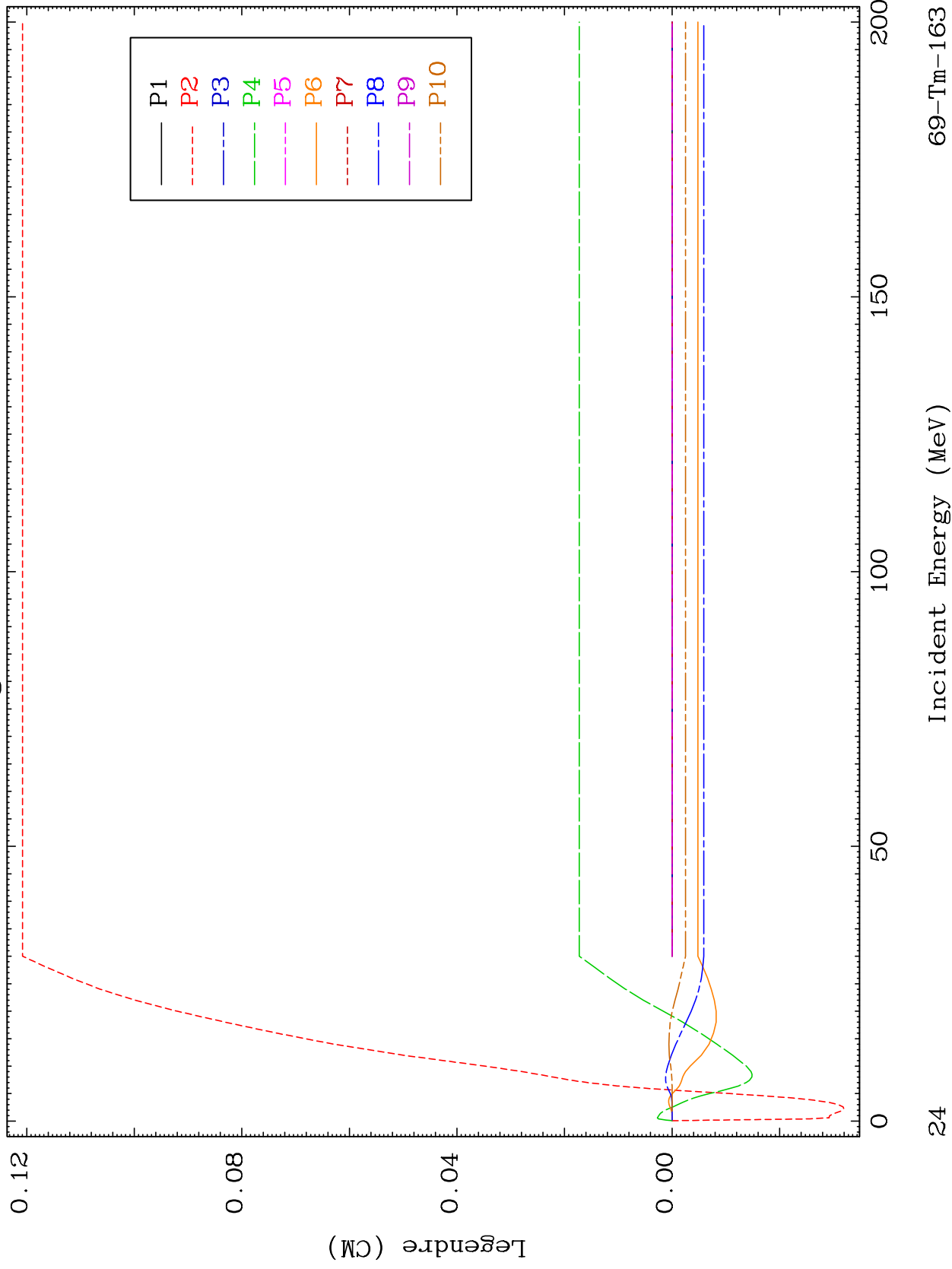
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

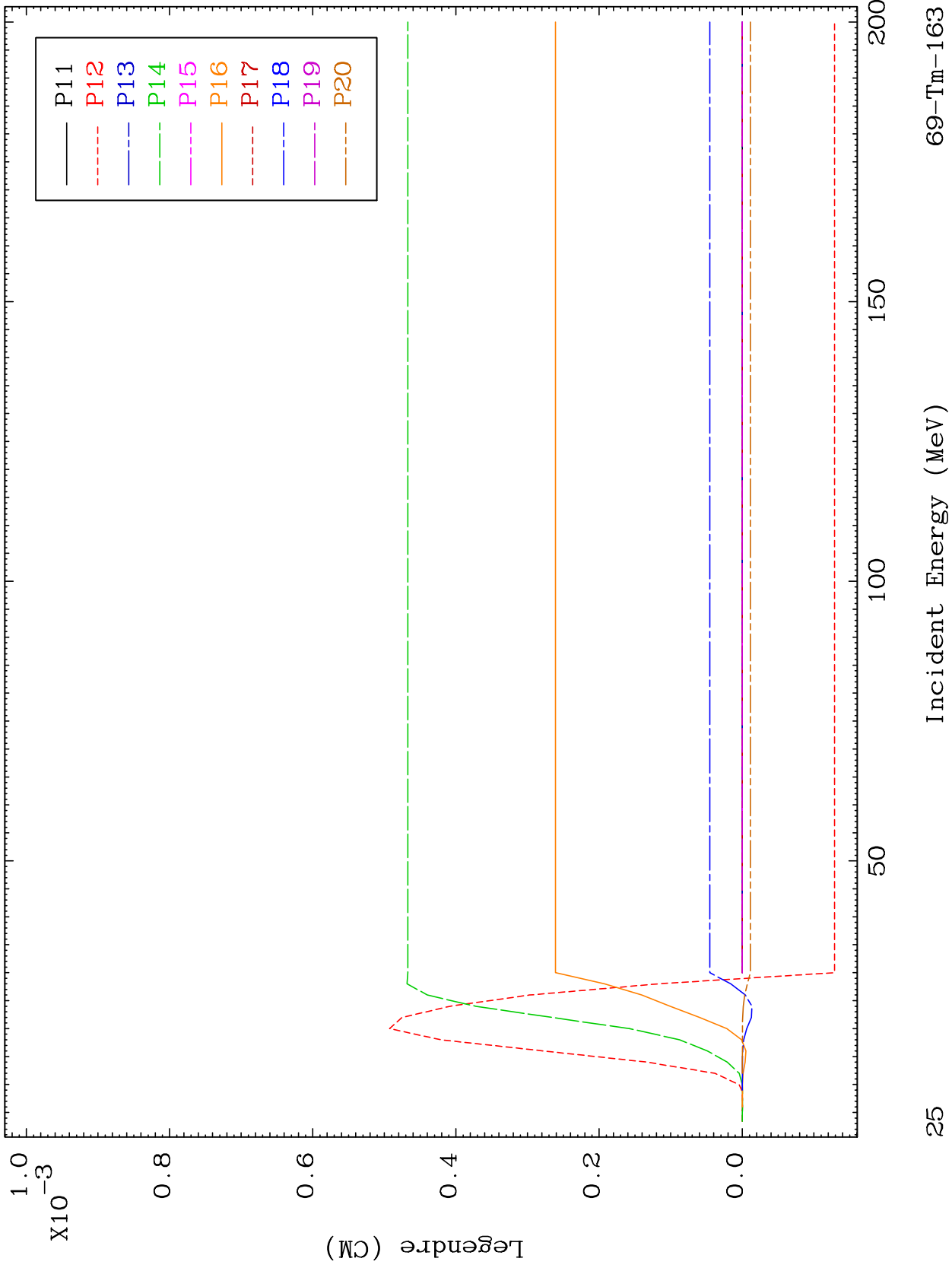
Incident Energy (MeV)

24

MAT 6907

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

69-Tm-163



69-Tm-163

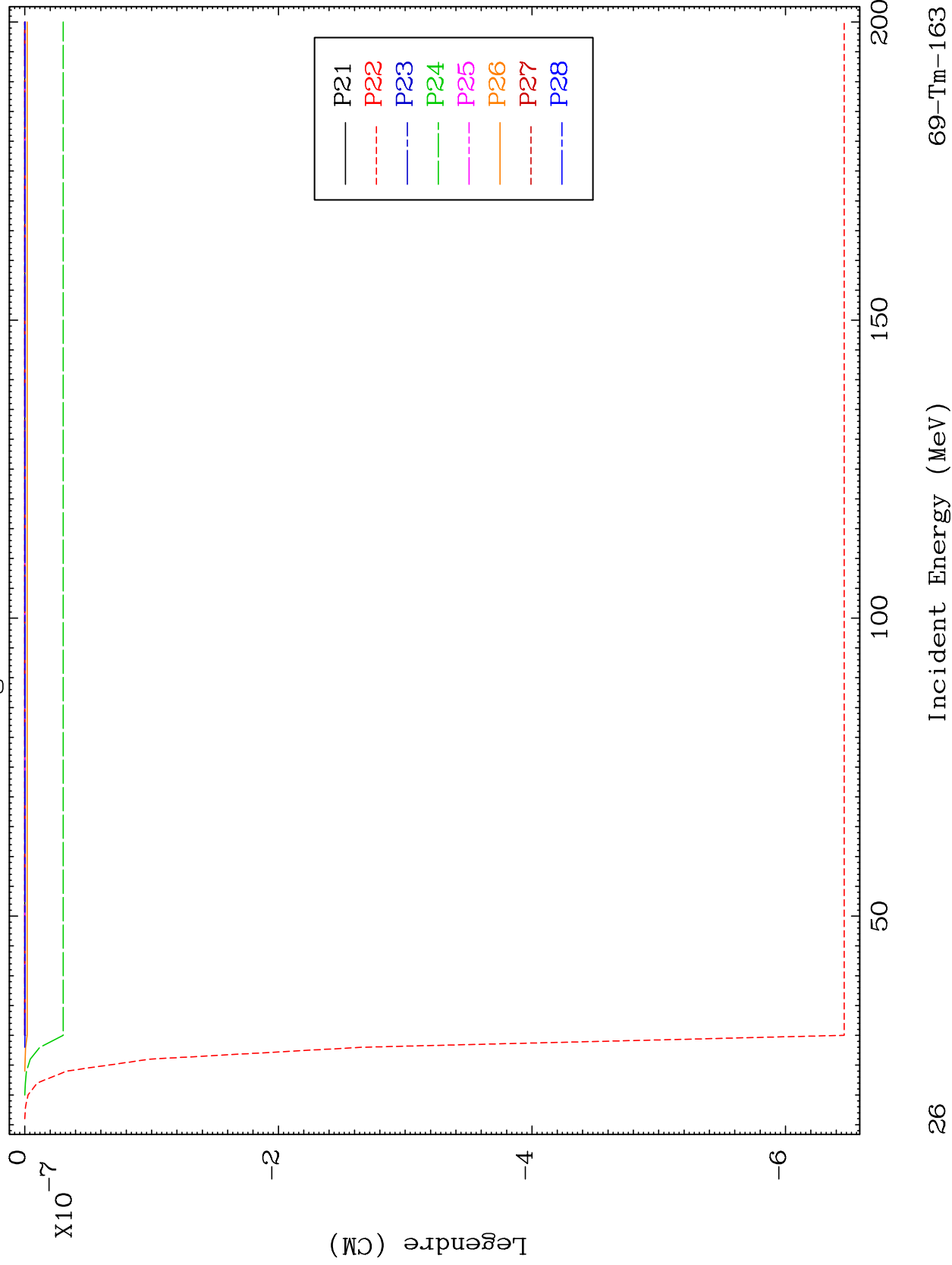
Incident Energy (MeV)

25

MAT 6907

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

69-Tm-163



26

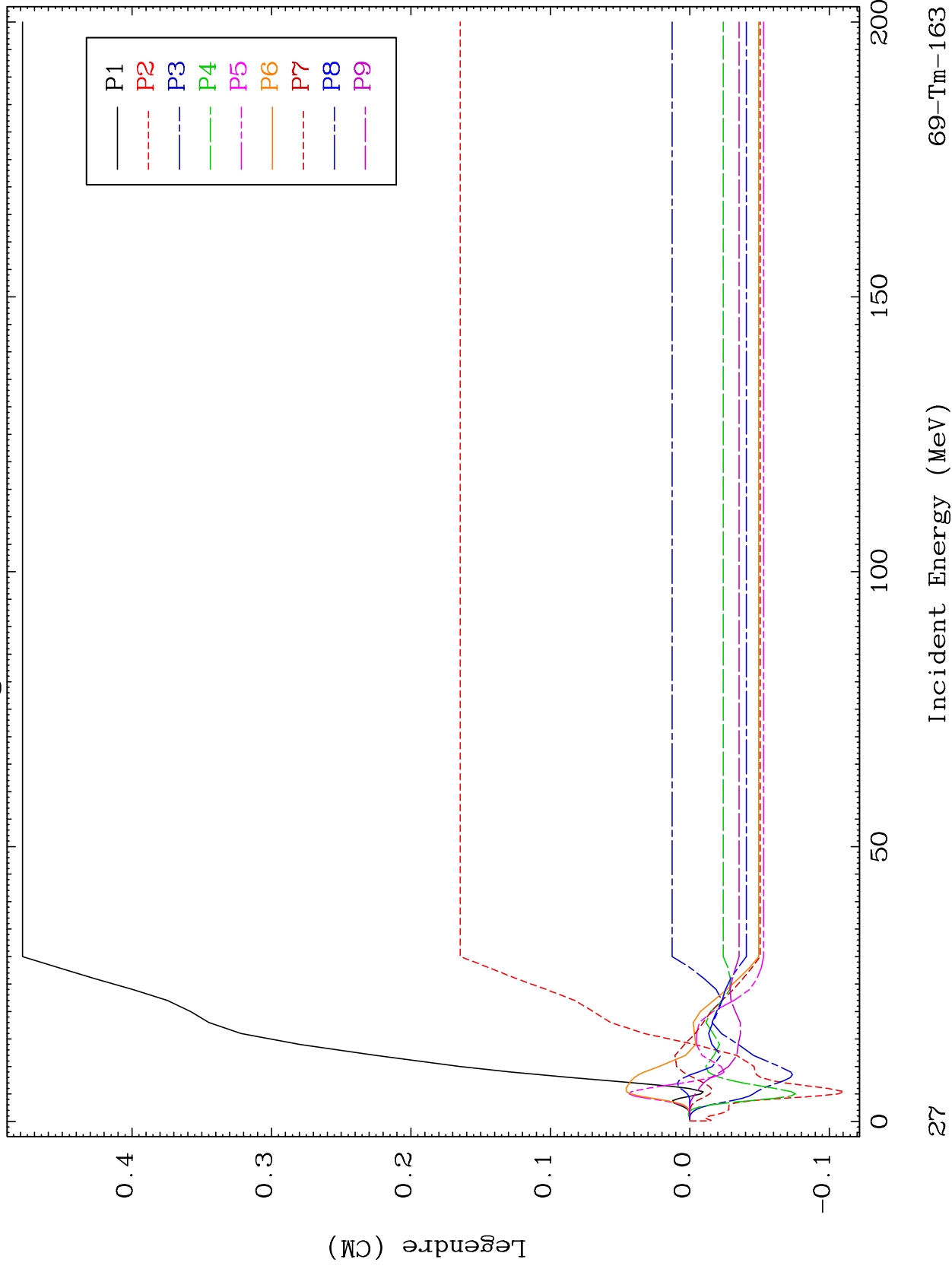
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

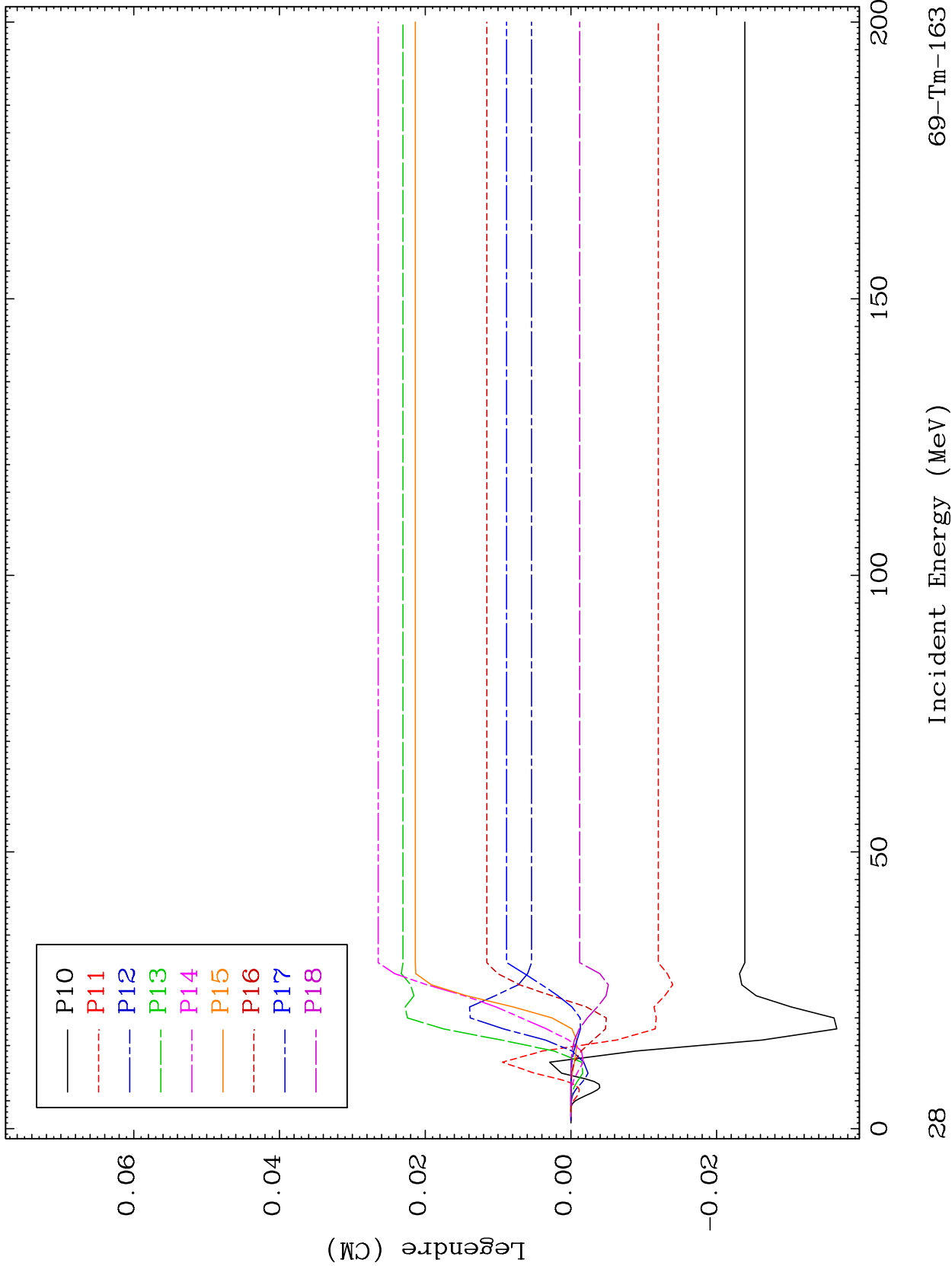
Incident Energy (MeV)

27

MAT 6907

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

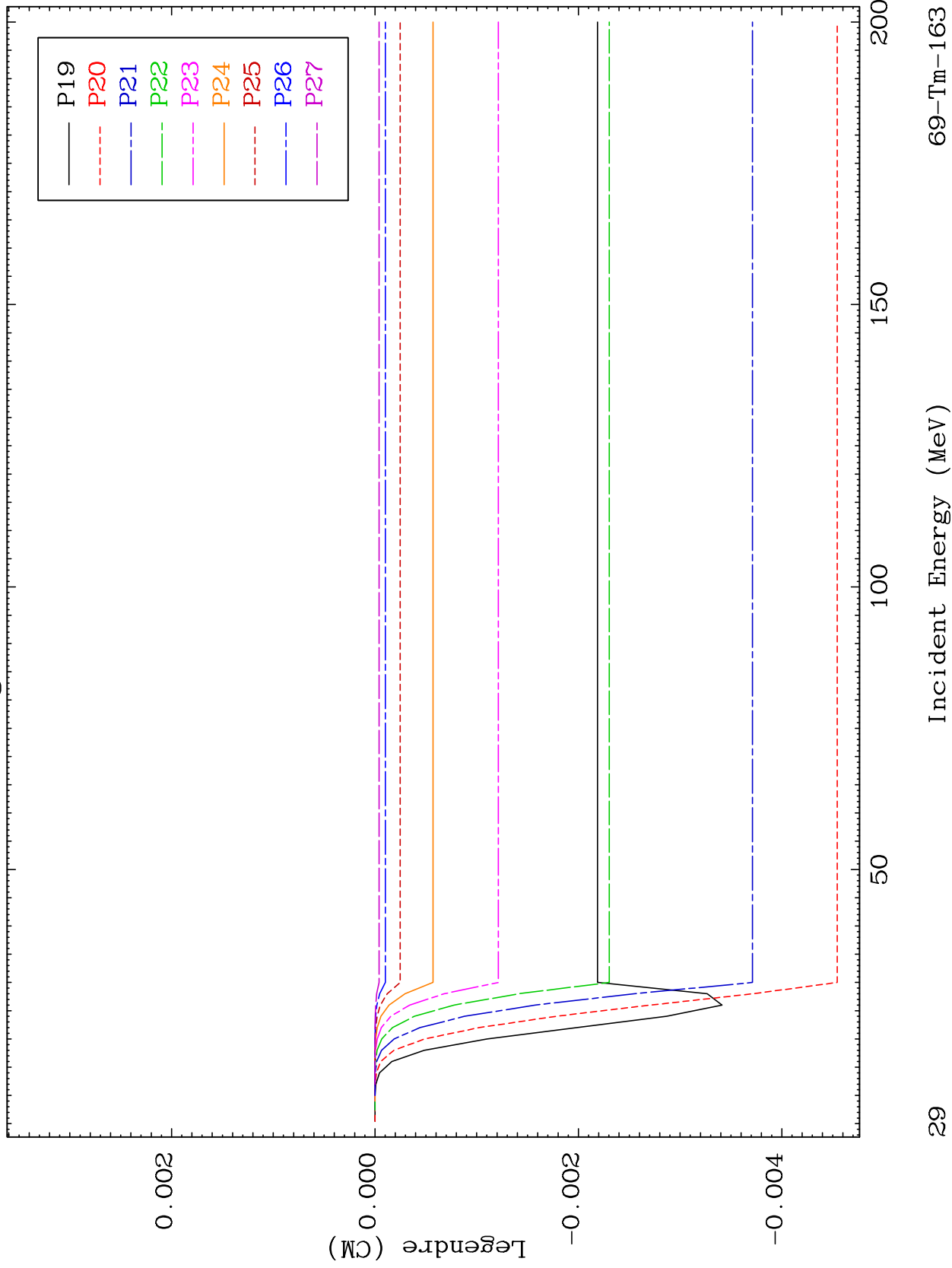
69-Tm-163



28

Incident Energy (MeV)

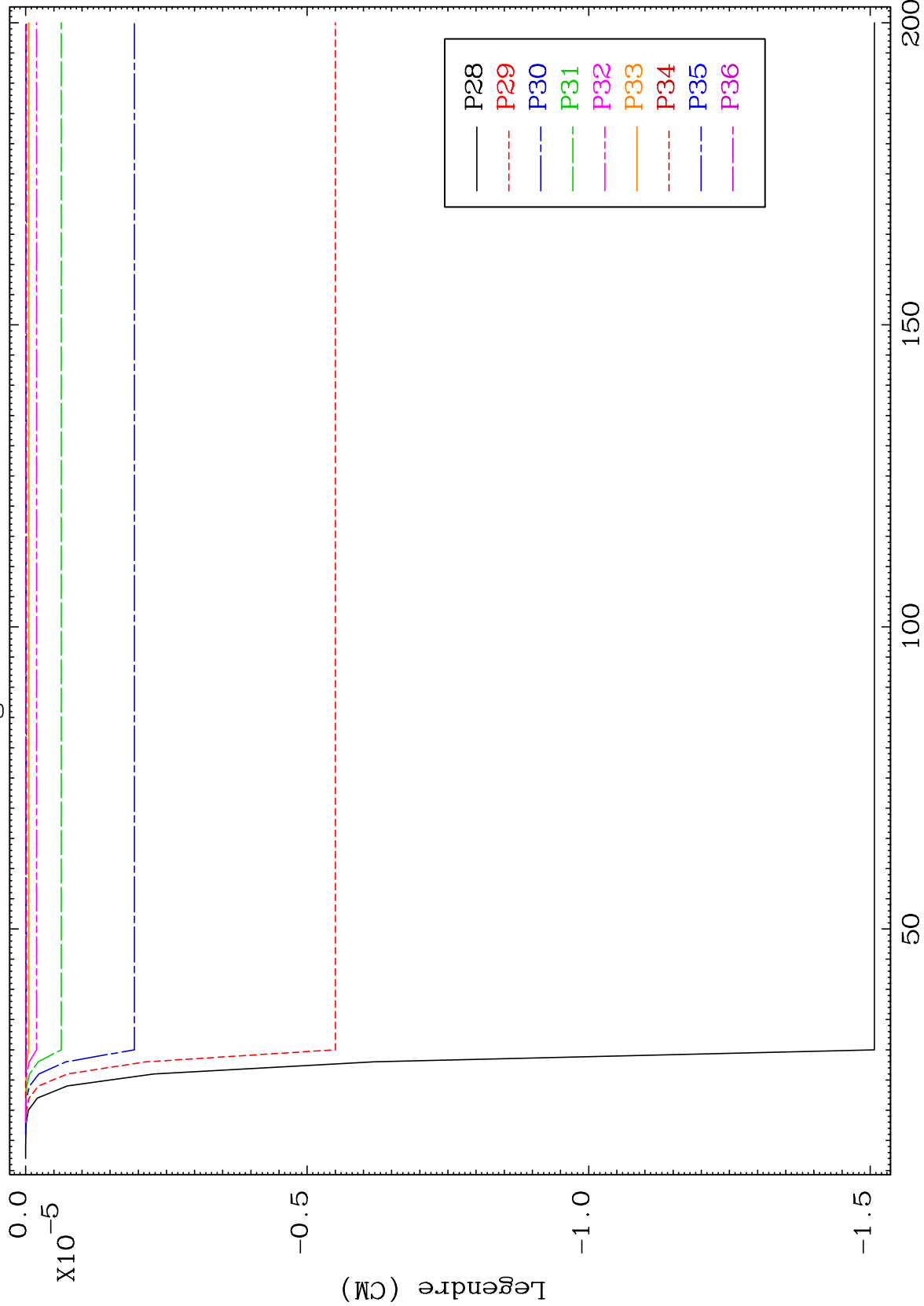
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

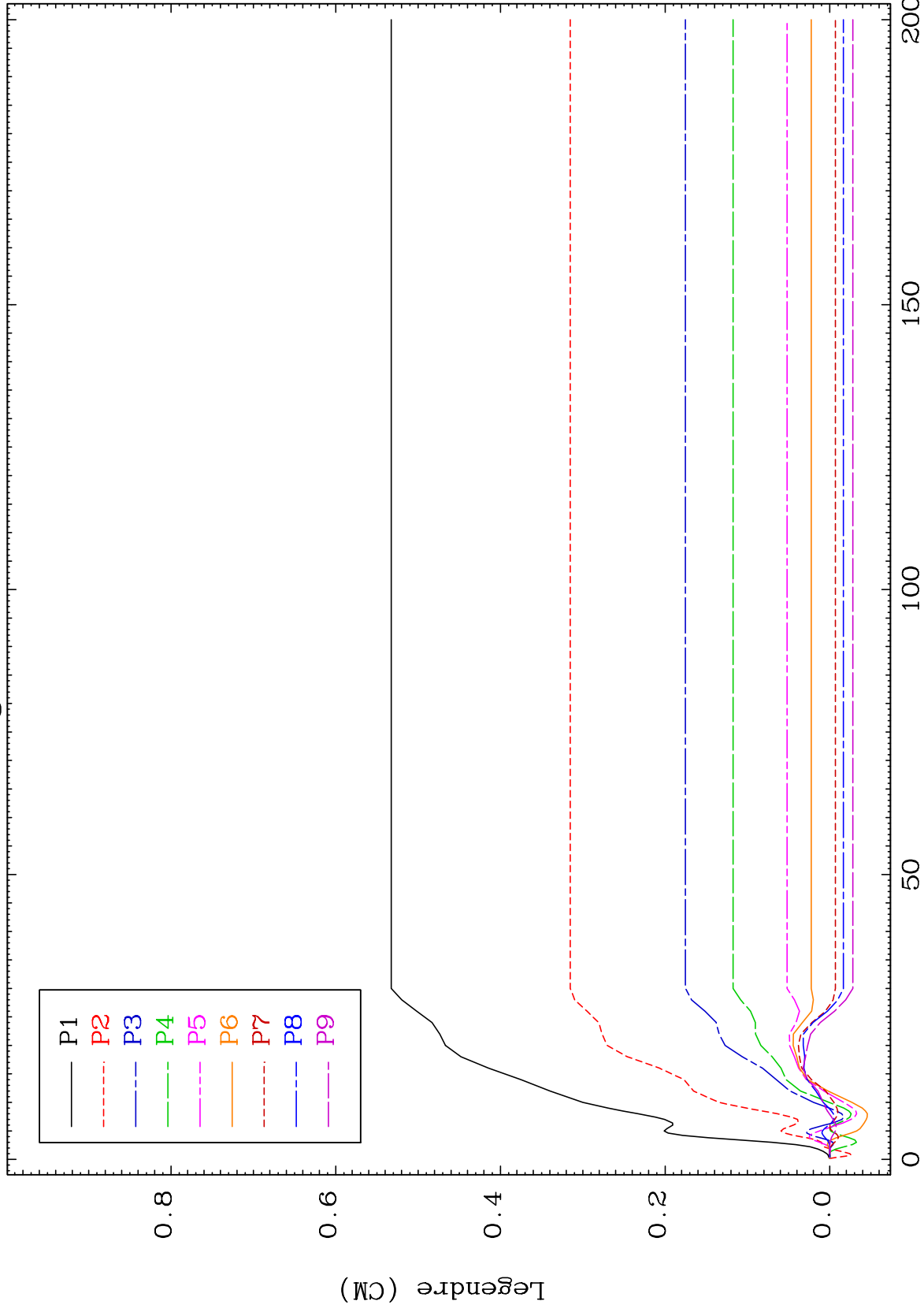
Incident Energy (MeV)

30

MAT 6907

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

69-Tm-163



31

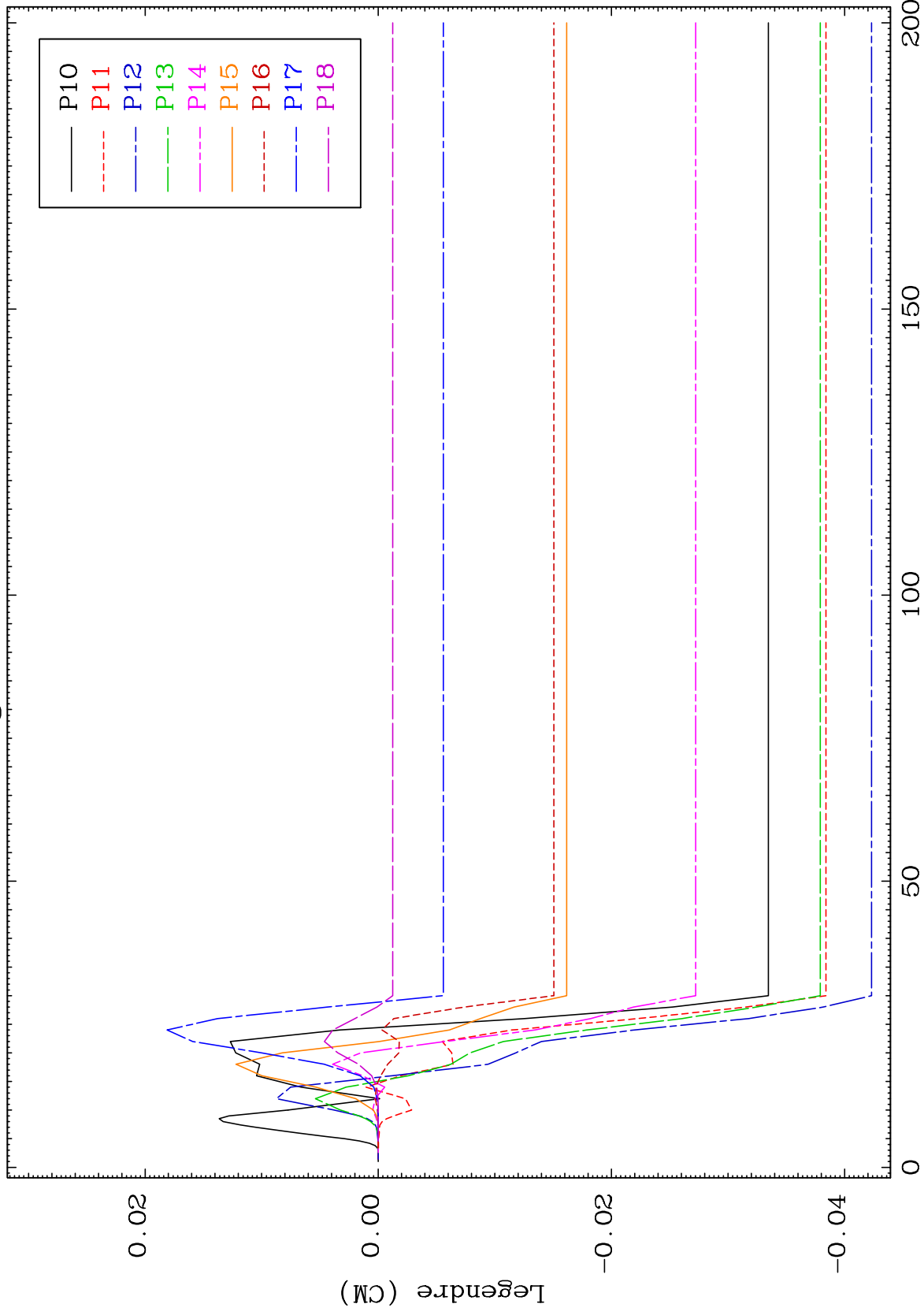
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

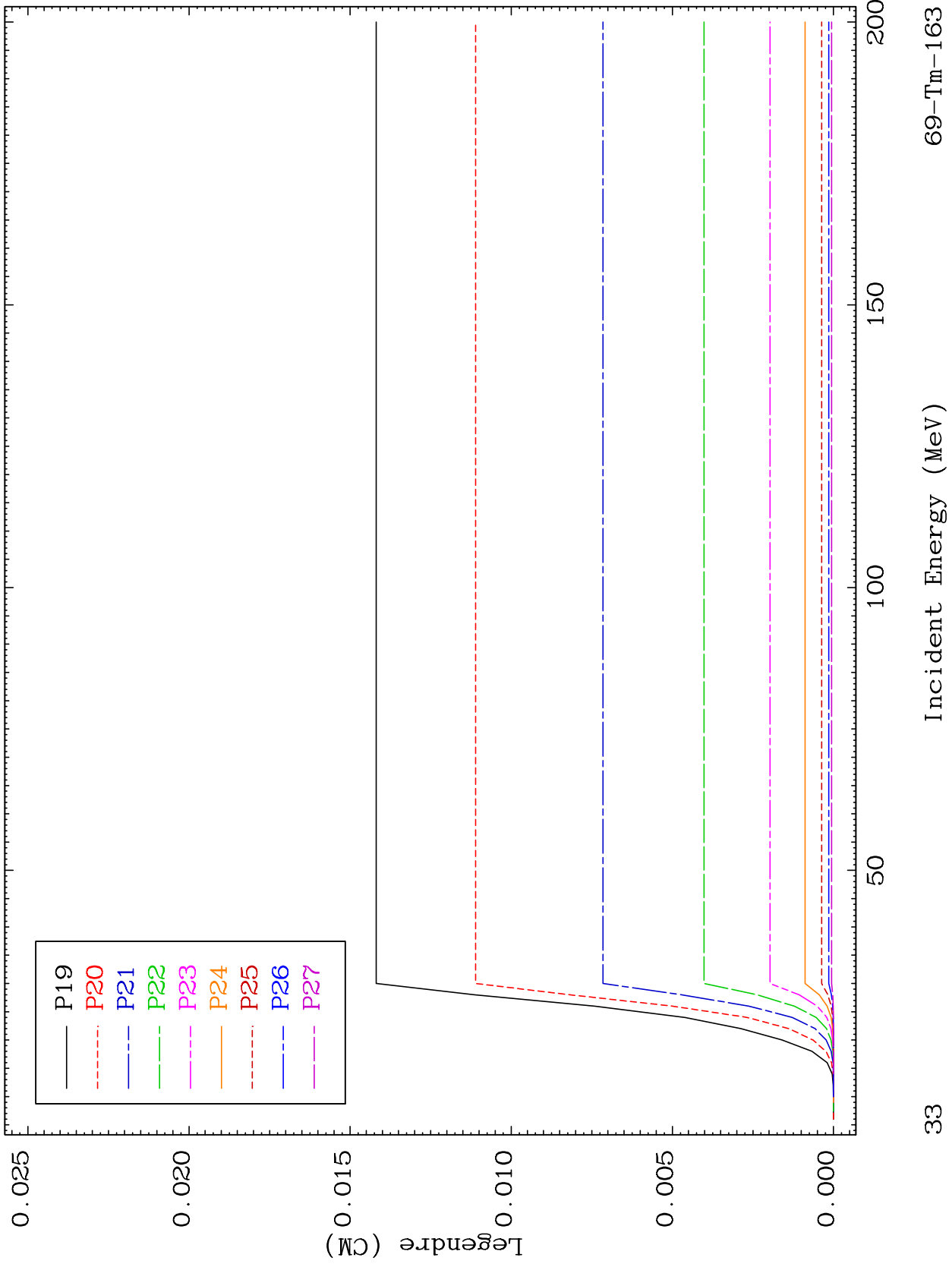
69-Tm-163



32

Incident Energy (MeV)

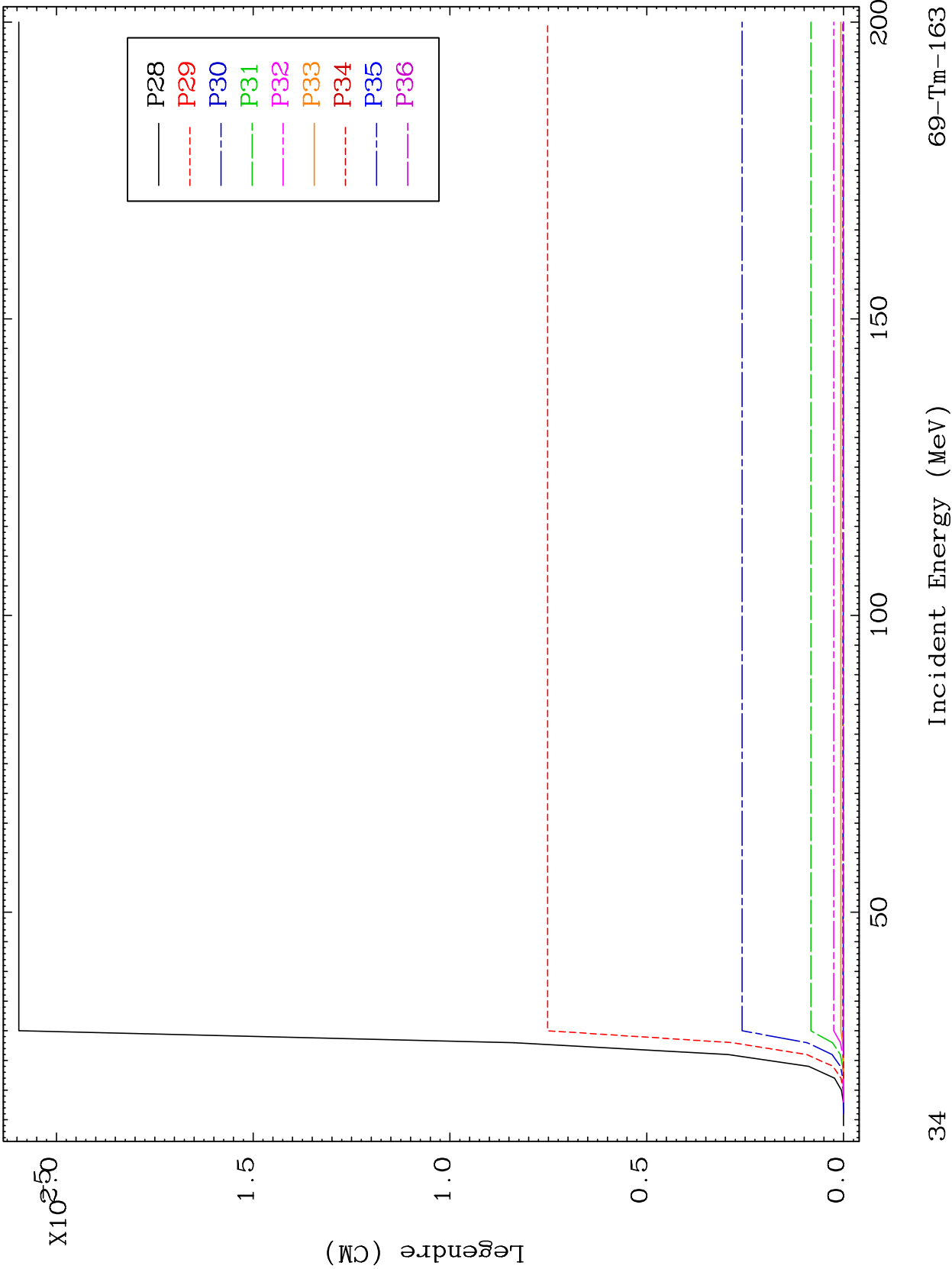
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MAT 6907

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

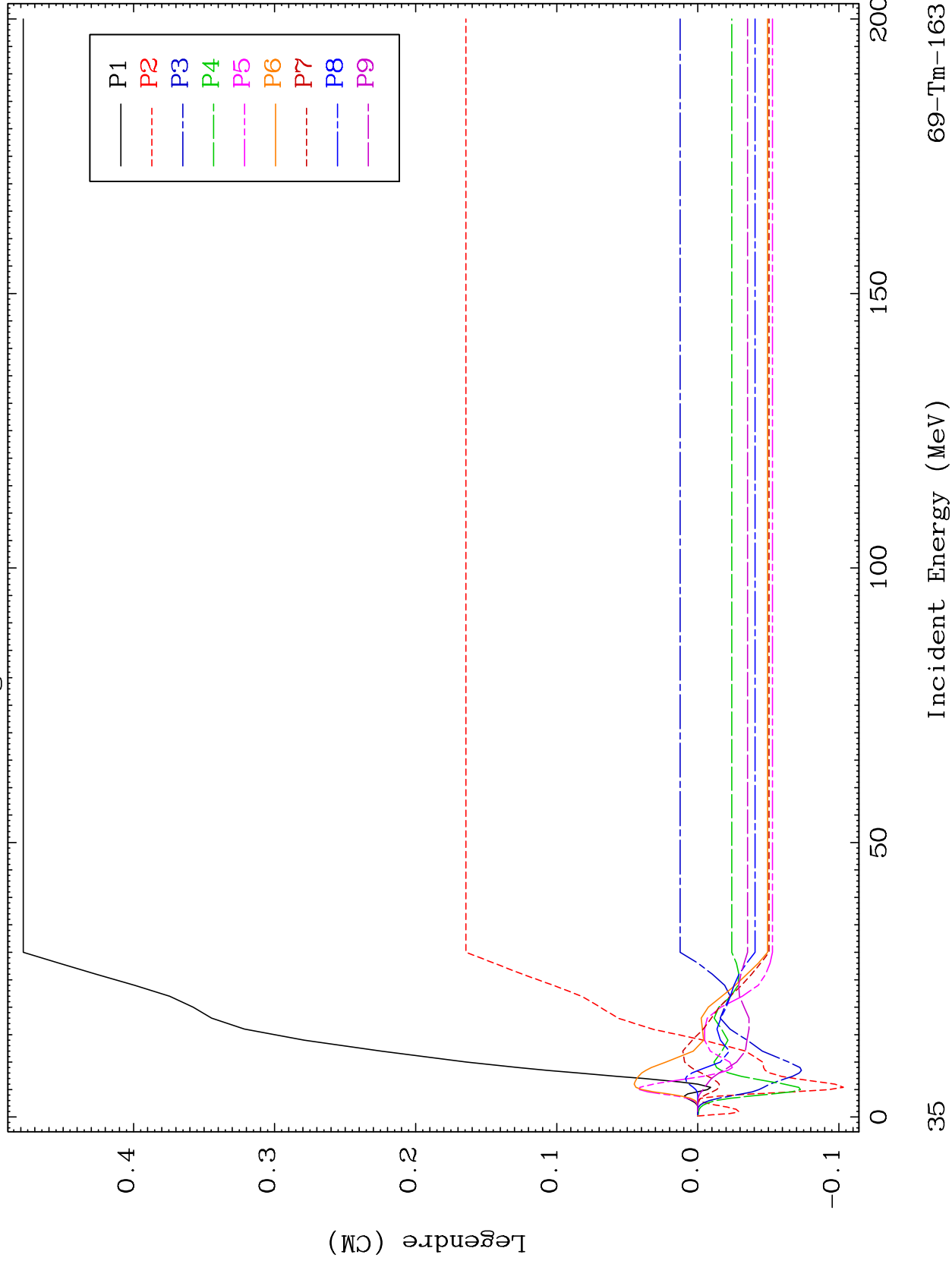
69-Tm-163



MAT 6907

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

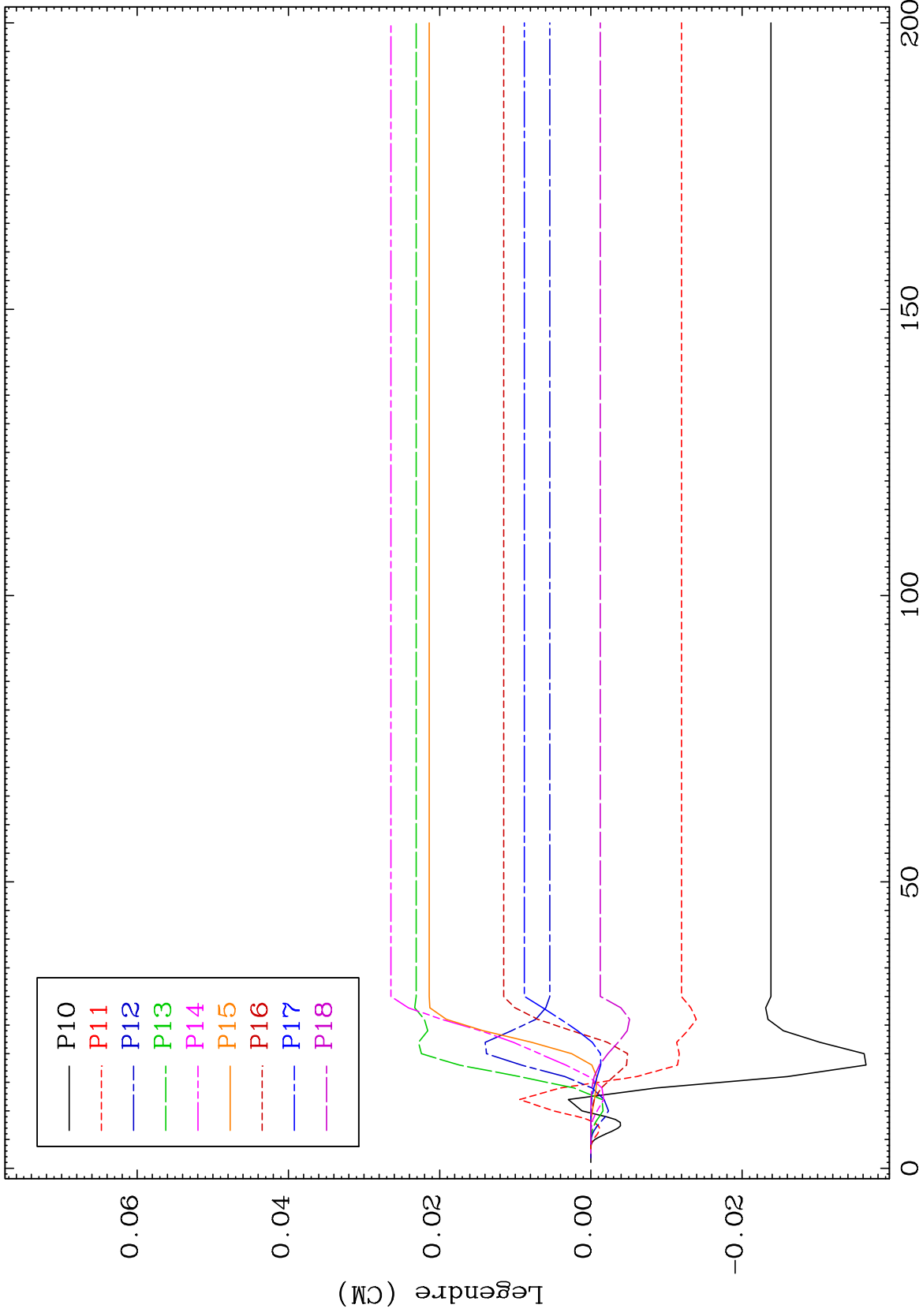
69-Tm-163



MAT 6907

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

69-Tm-163



36

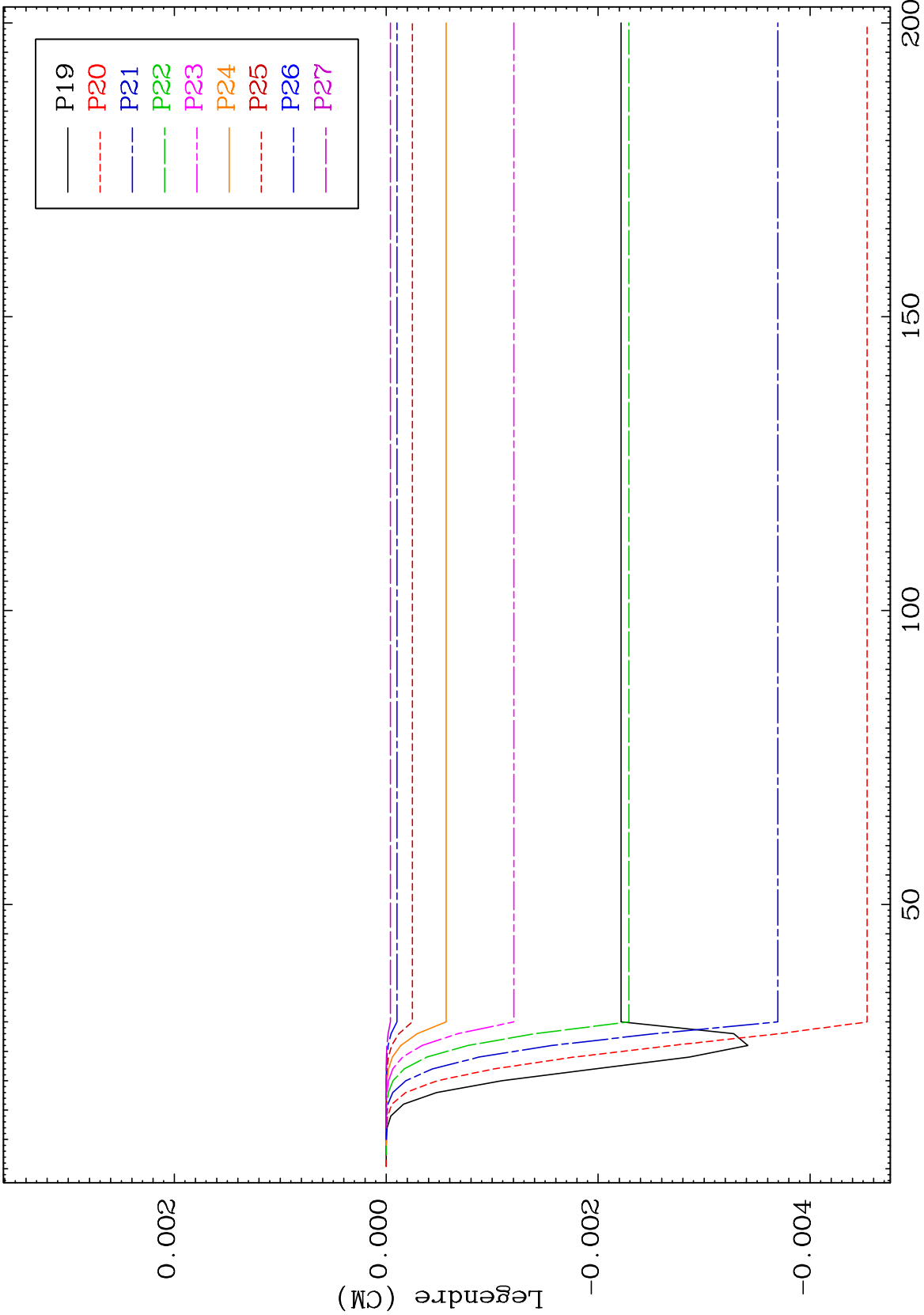
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



37

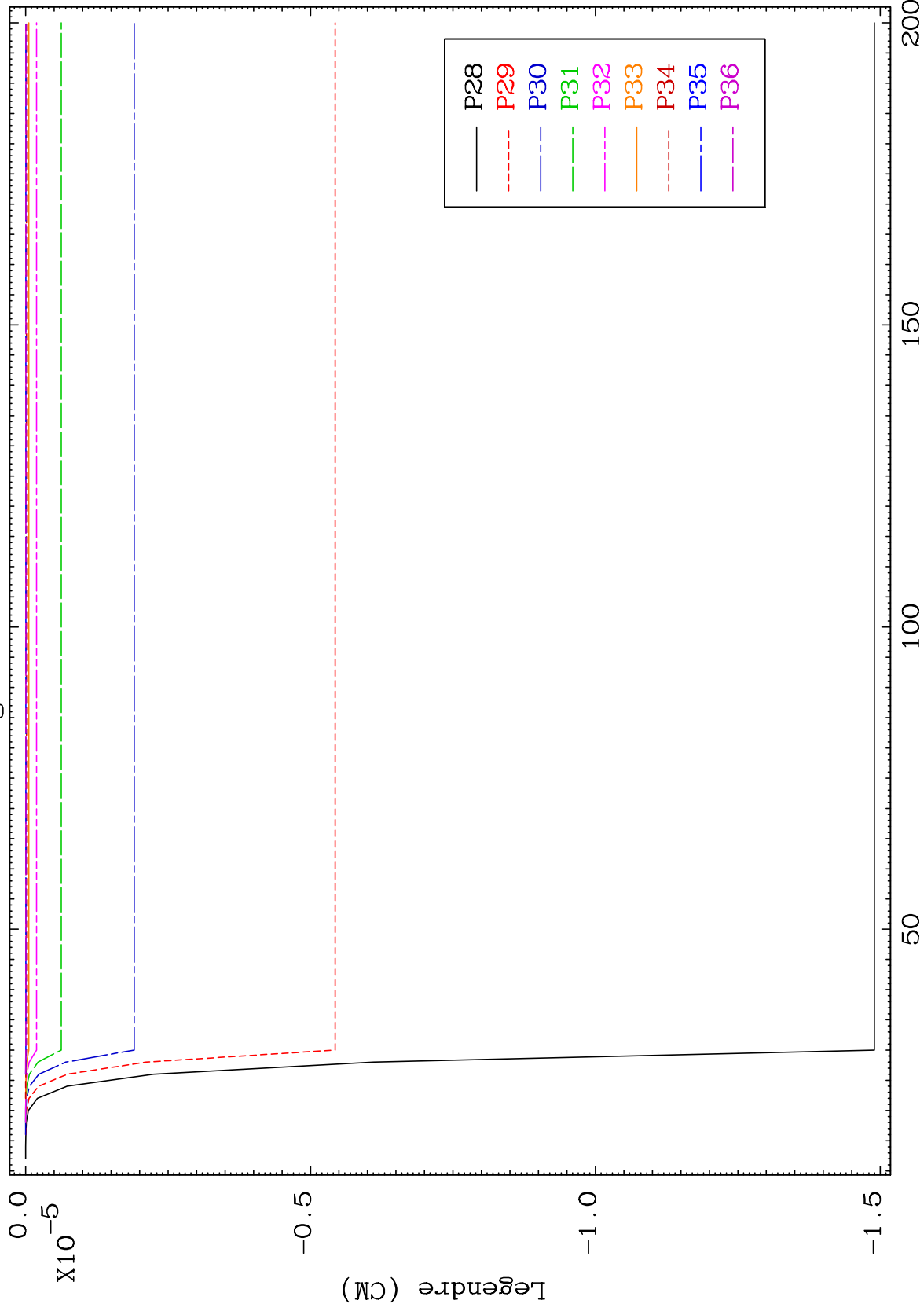
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



38

Incident Energy (MeV)

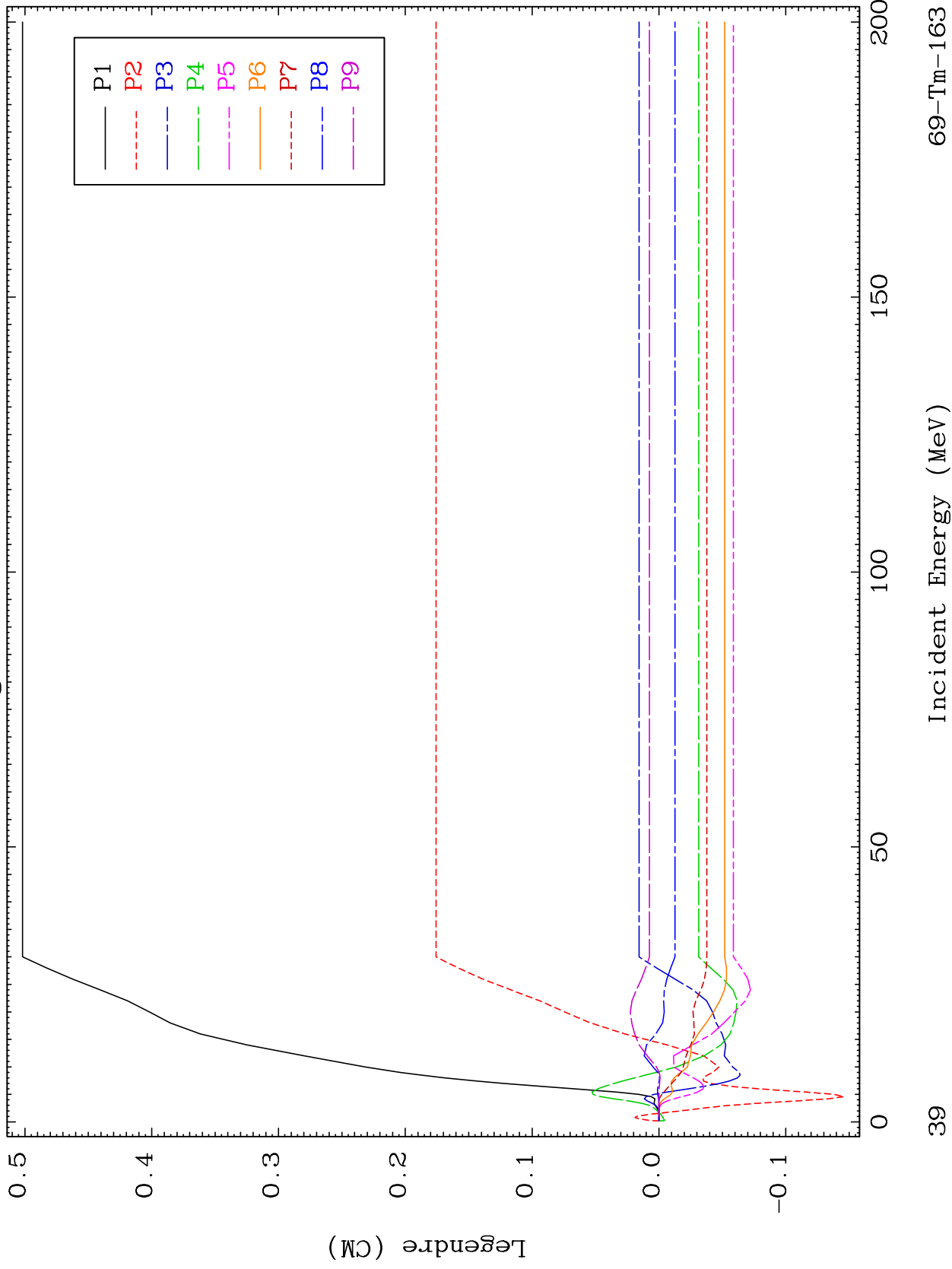
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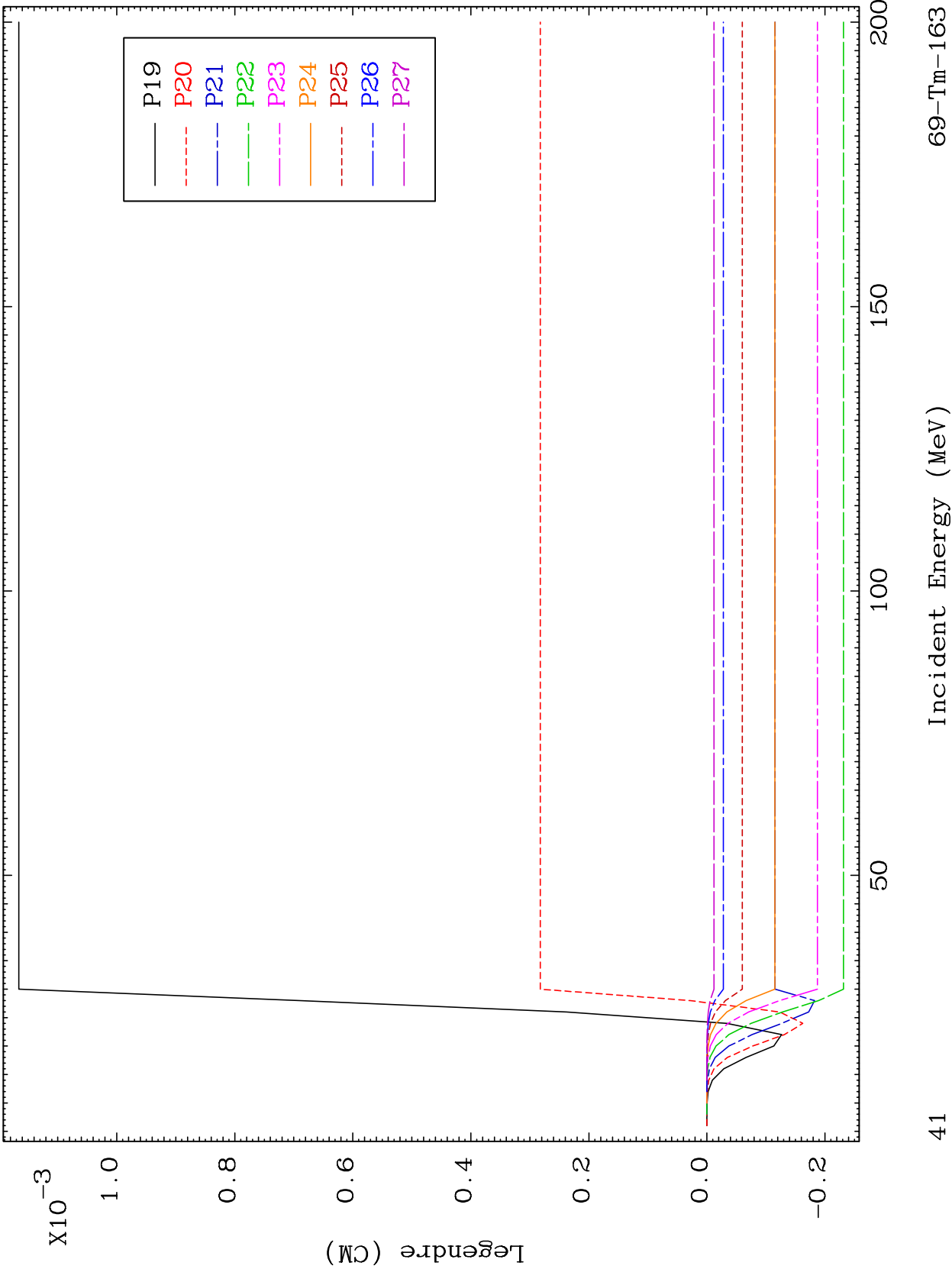
MAT 6907

MT= 56 (n,n') Level

69-Tm-163

Legendre Coefficients

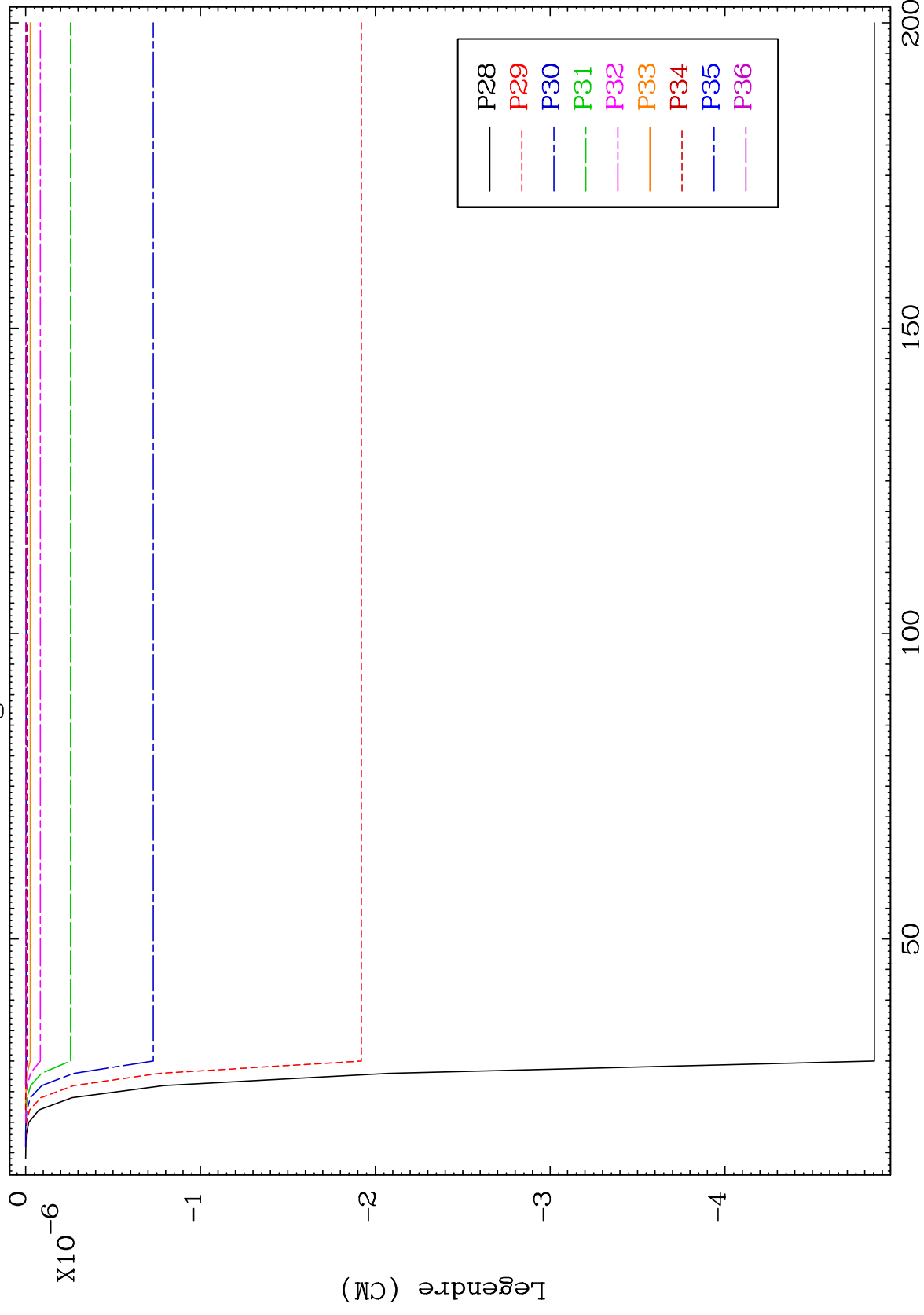




MAT 6907

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

69-Tm-163



42

Incident Energy (MeV)

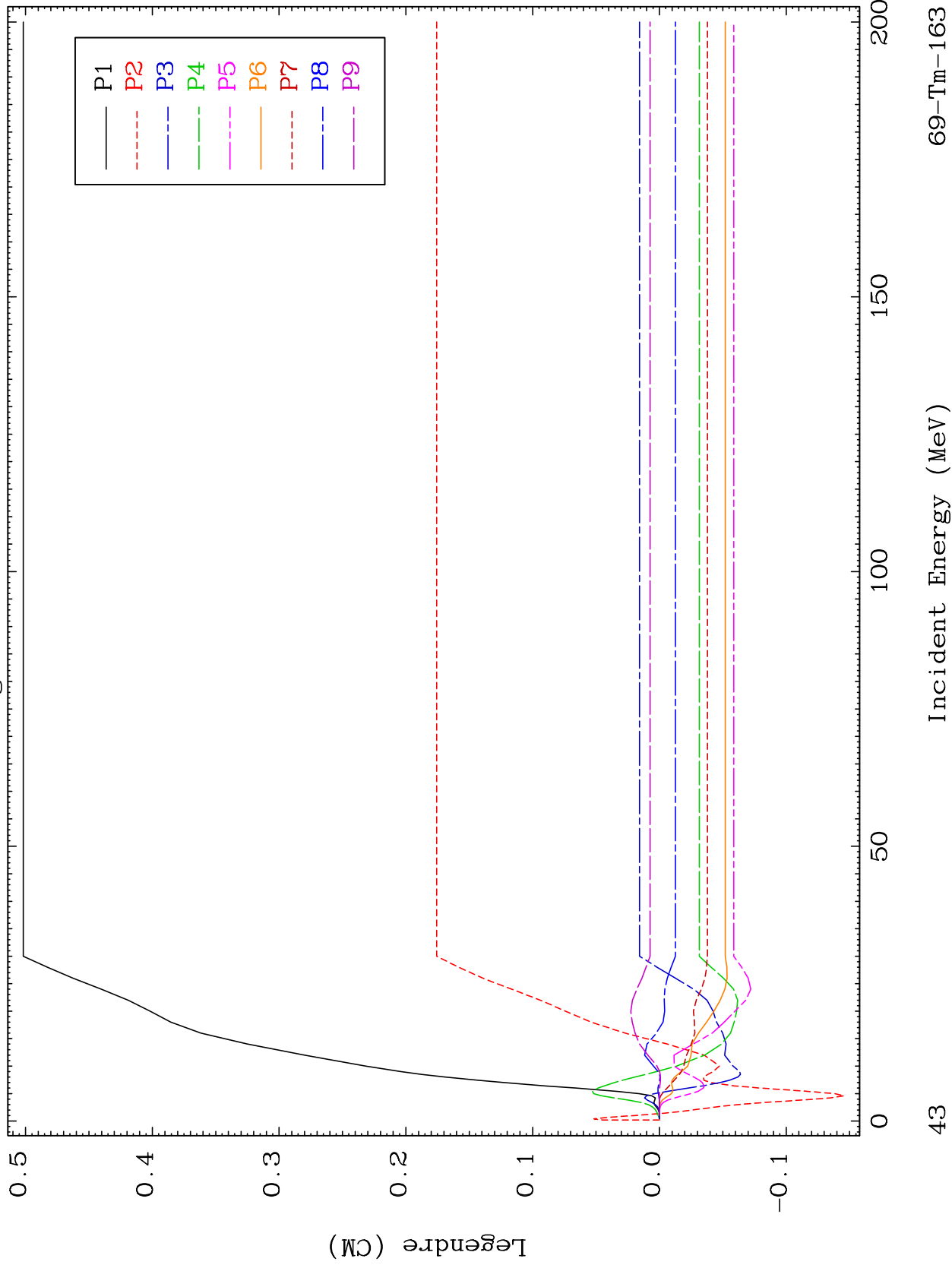
69-Tm-163

MAT 6907

MT= 57 (n,n') Level

69-Tm-163

Legendre Coefficients



43

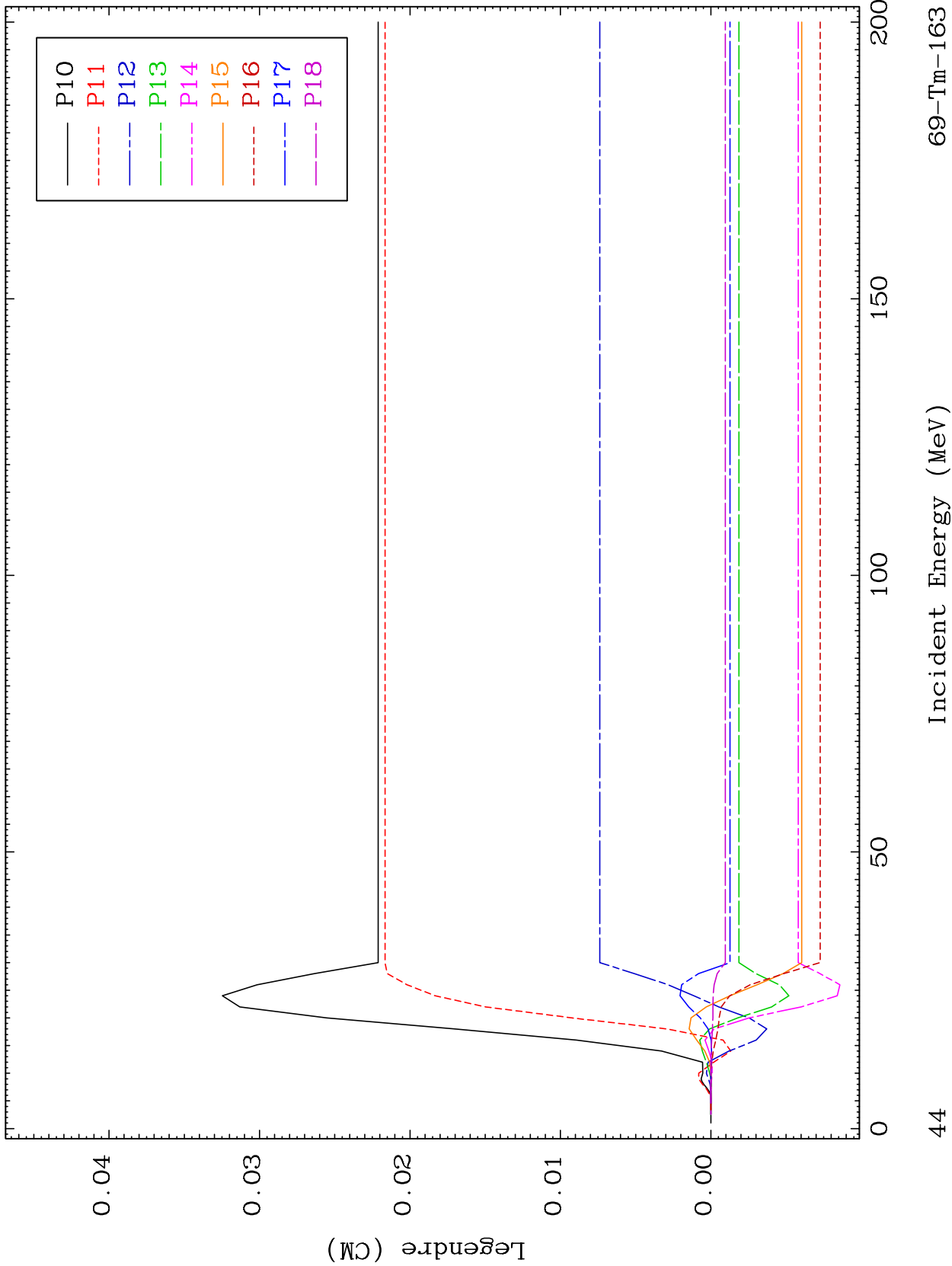
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



44

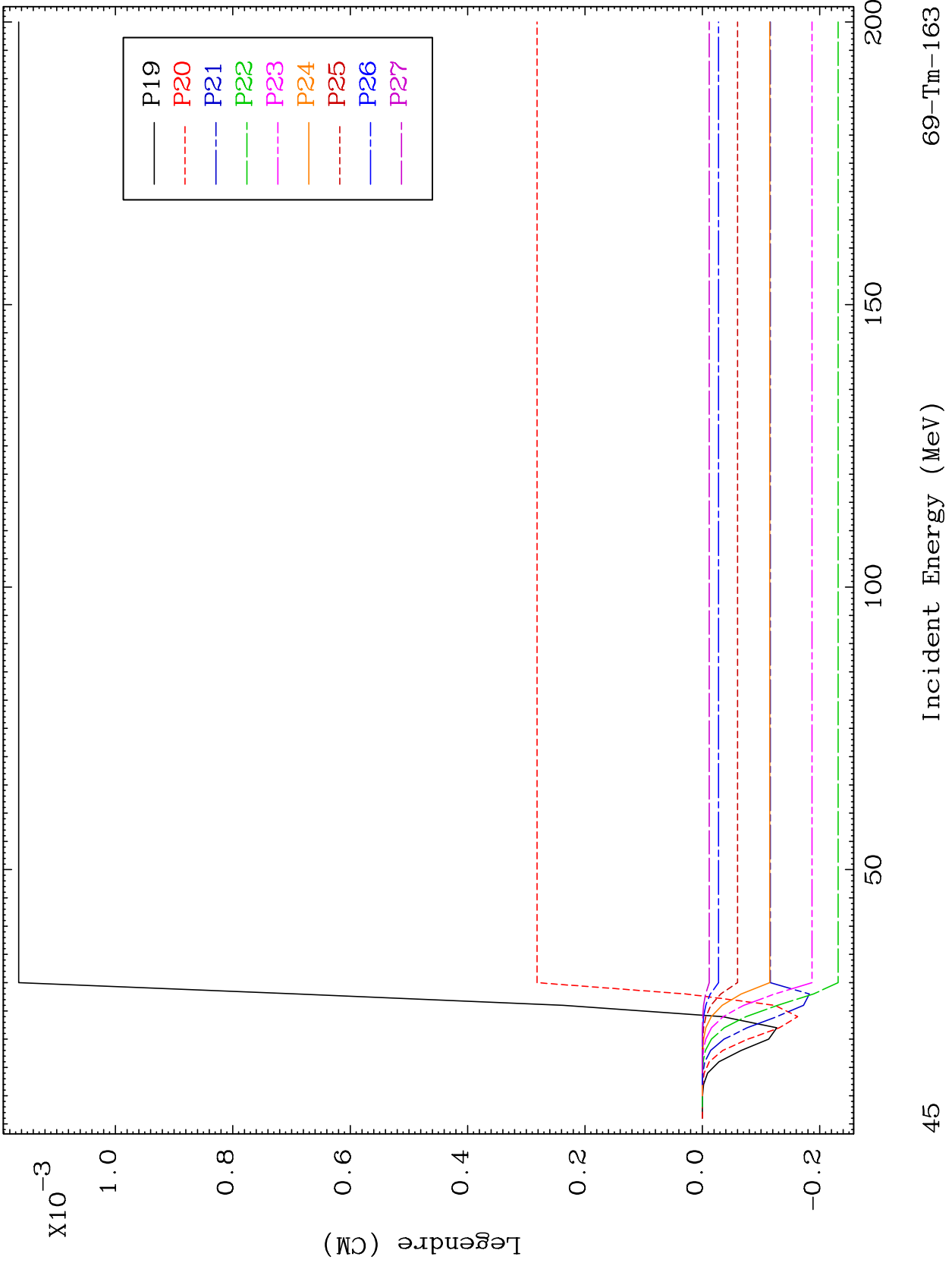
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

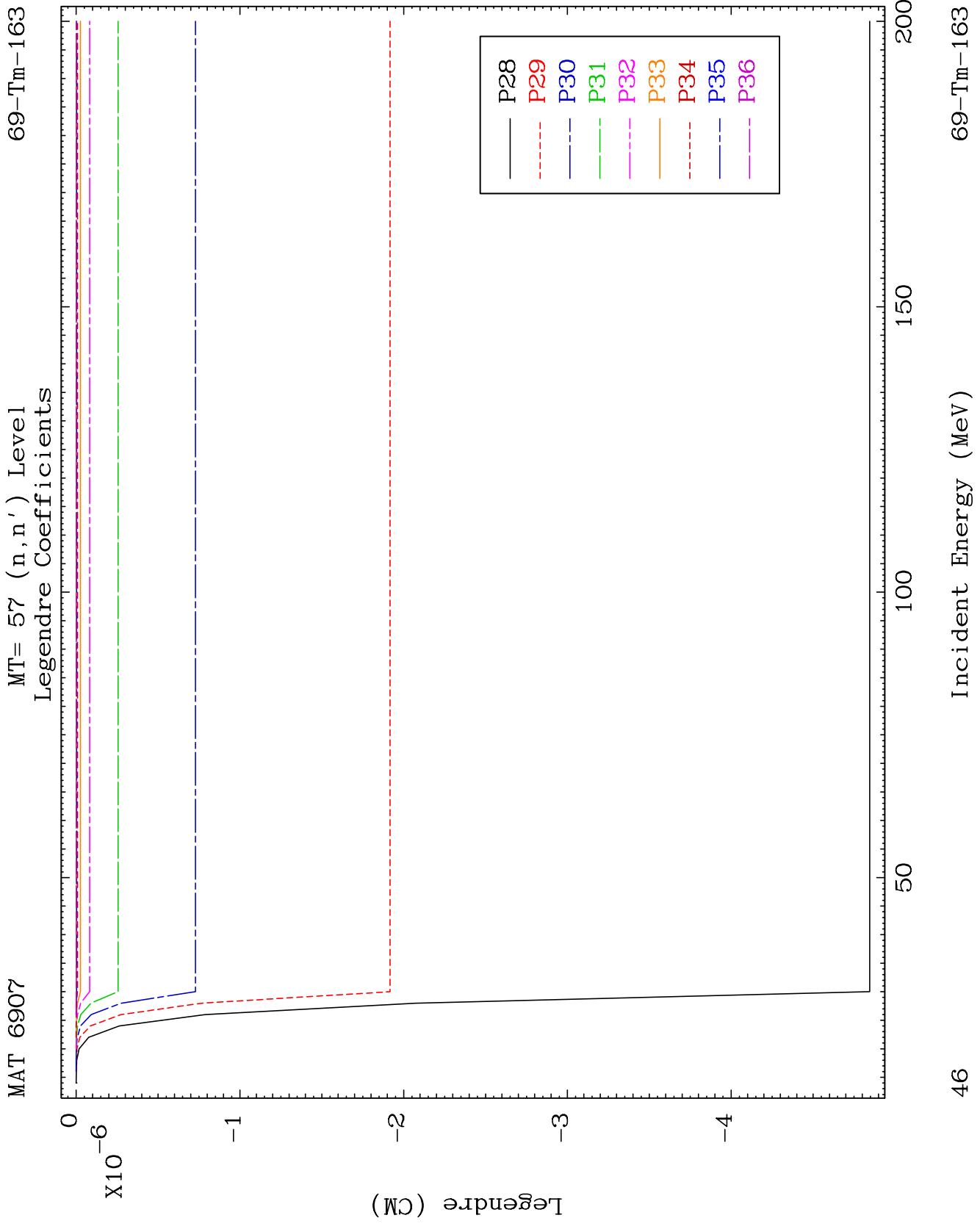
69-Tm-163



69-Tm-163

Incident Energy (MeV)

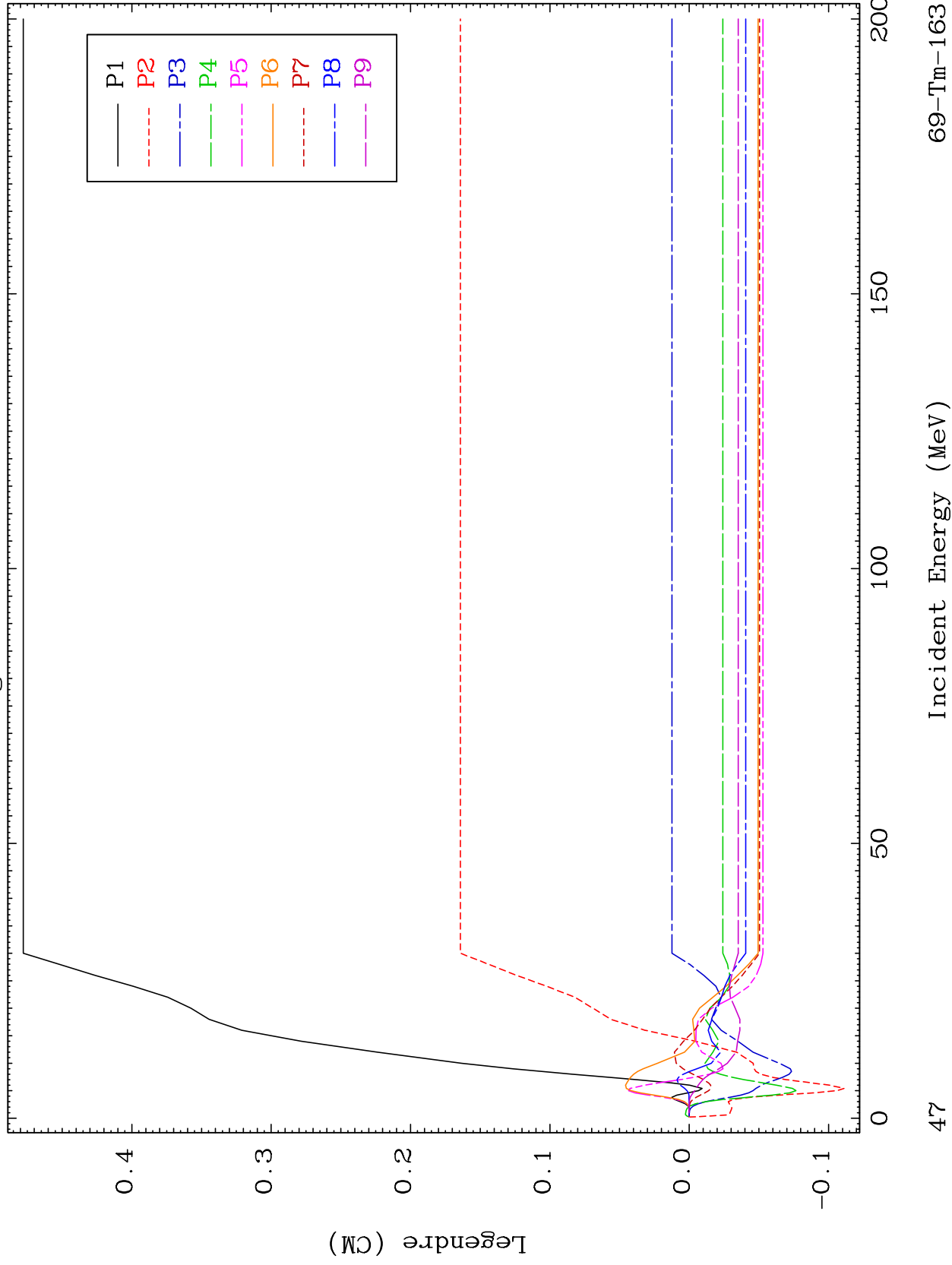
45



MAT 6907

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

69-Tm-163

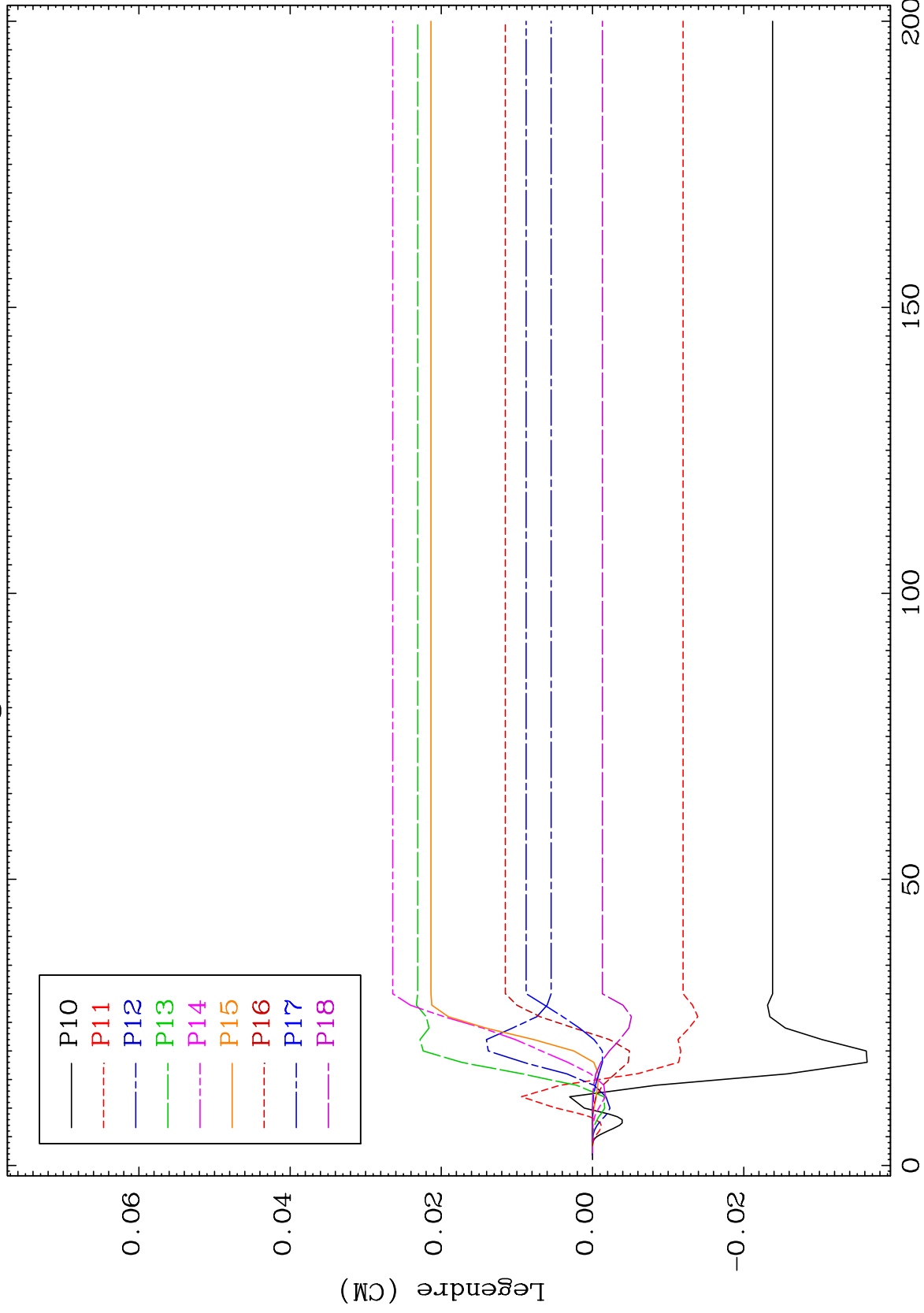


69-Tm-163

MAT 6907

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

69-Tm-163



48

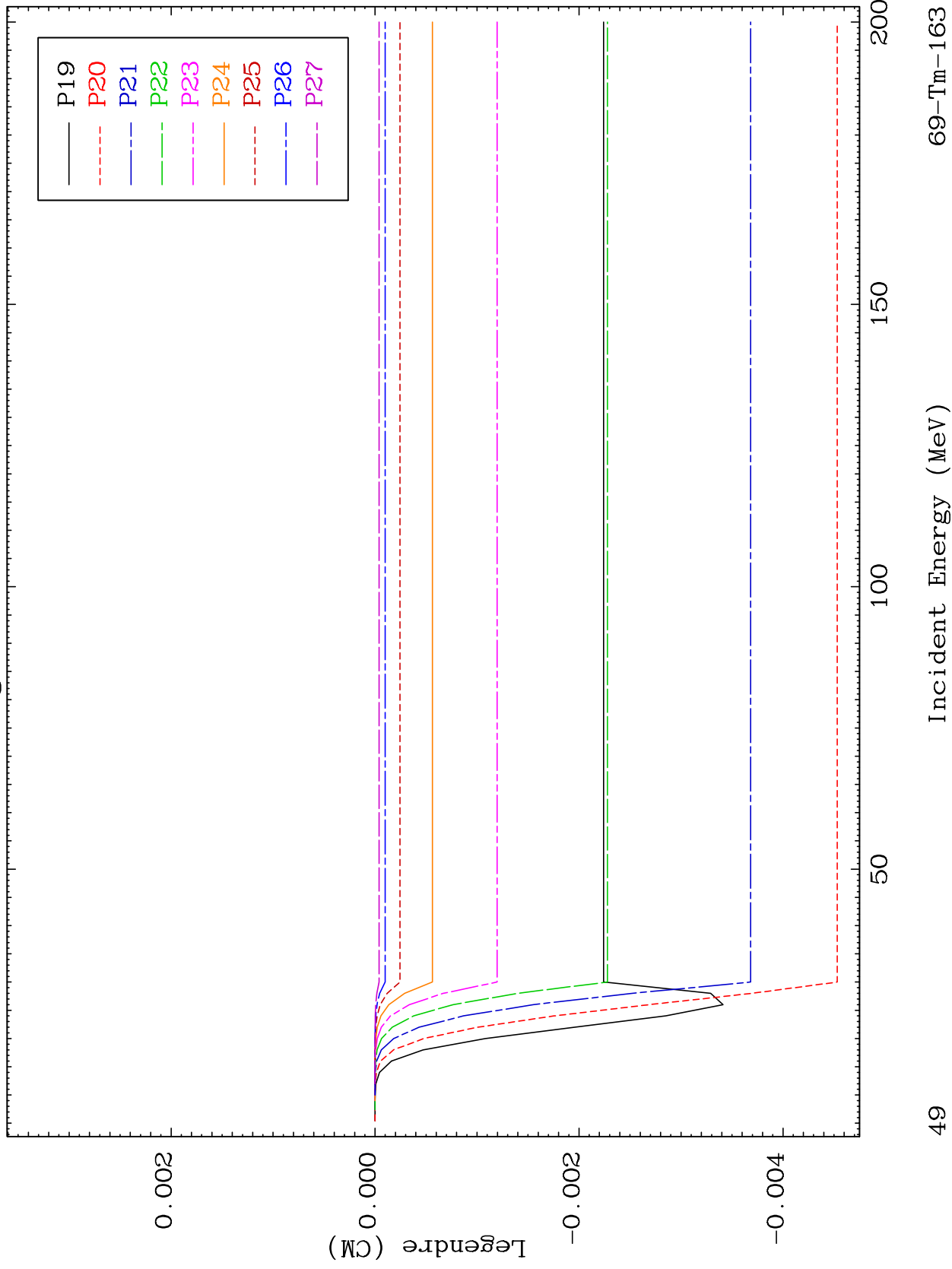
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



49

Incident Energy (MeV)

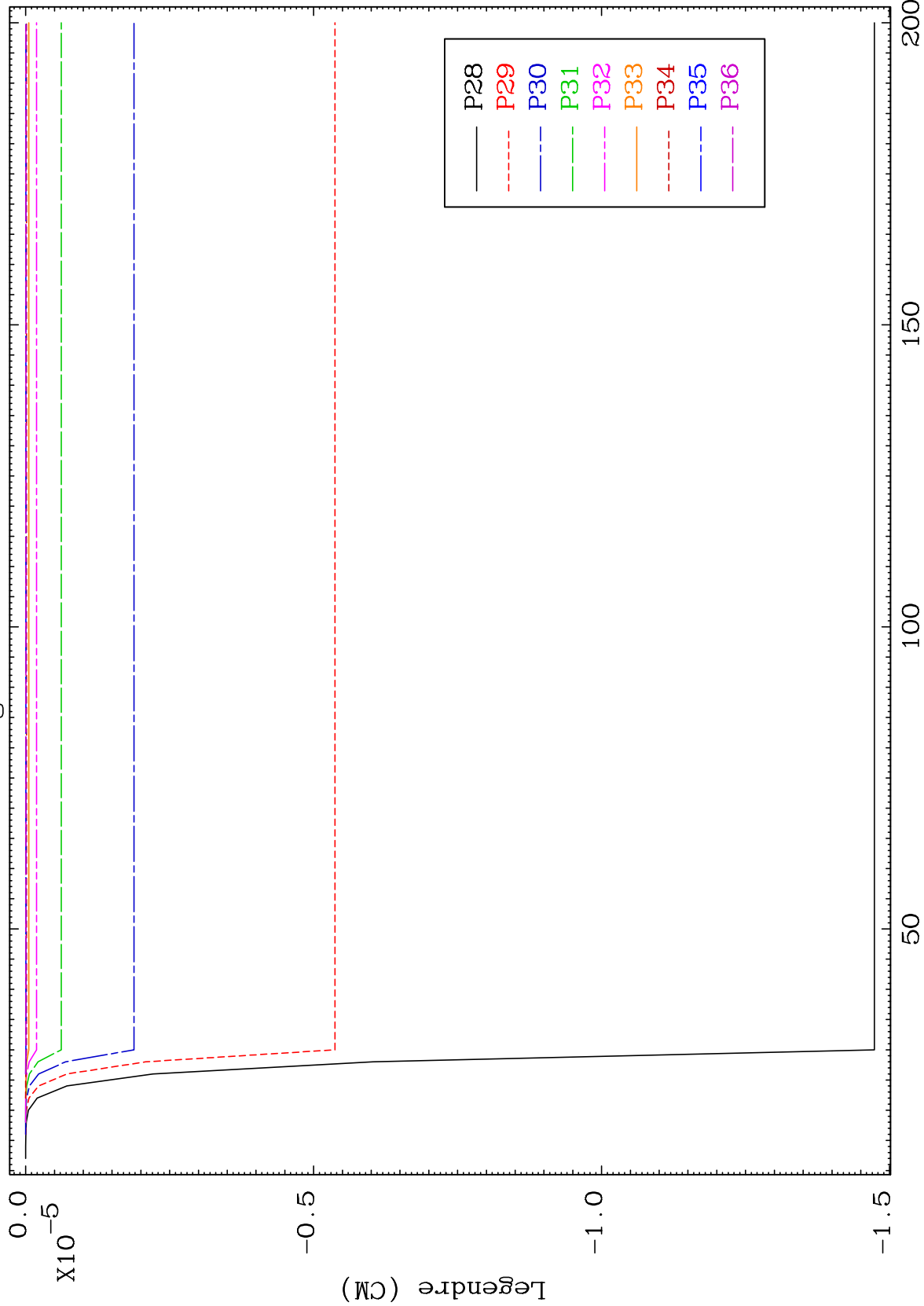
69-Tm-163

MAT 6907

MT= 58 (n,n') Level

69-Tm-163

Legendre Coefficients



69-Tm-163

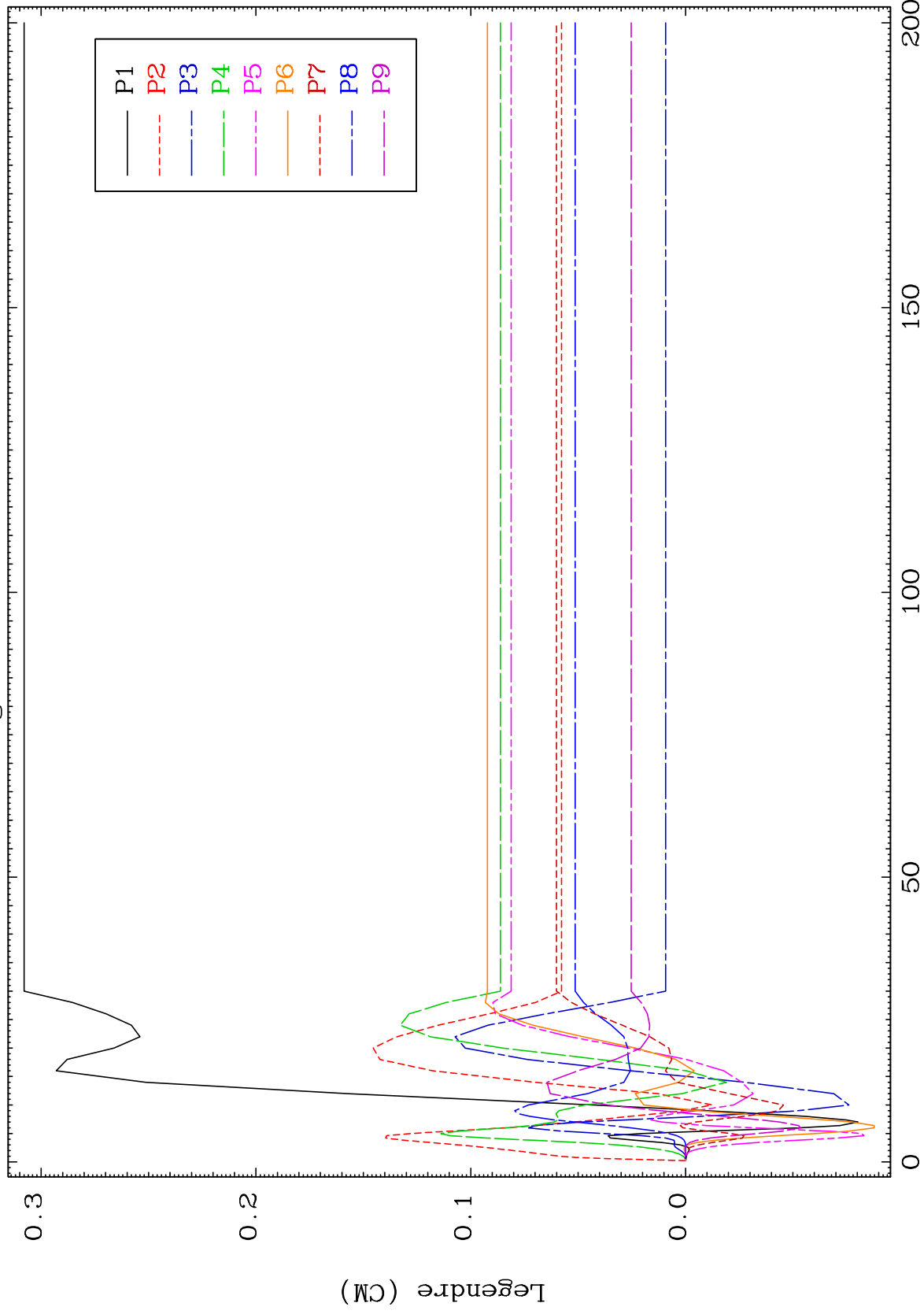
Incident Energy (MeV)

50

MAT 6907

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

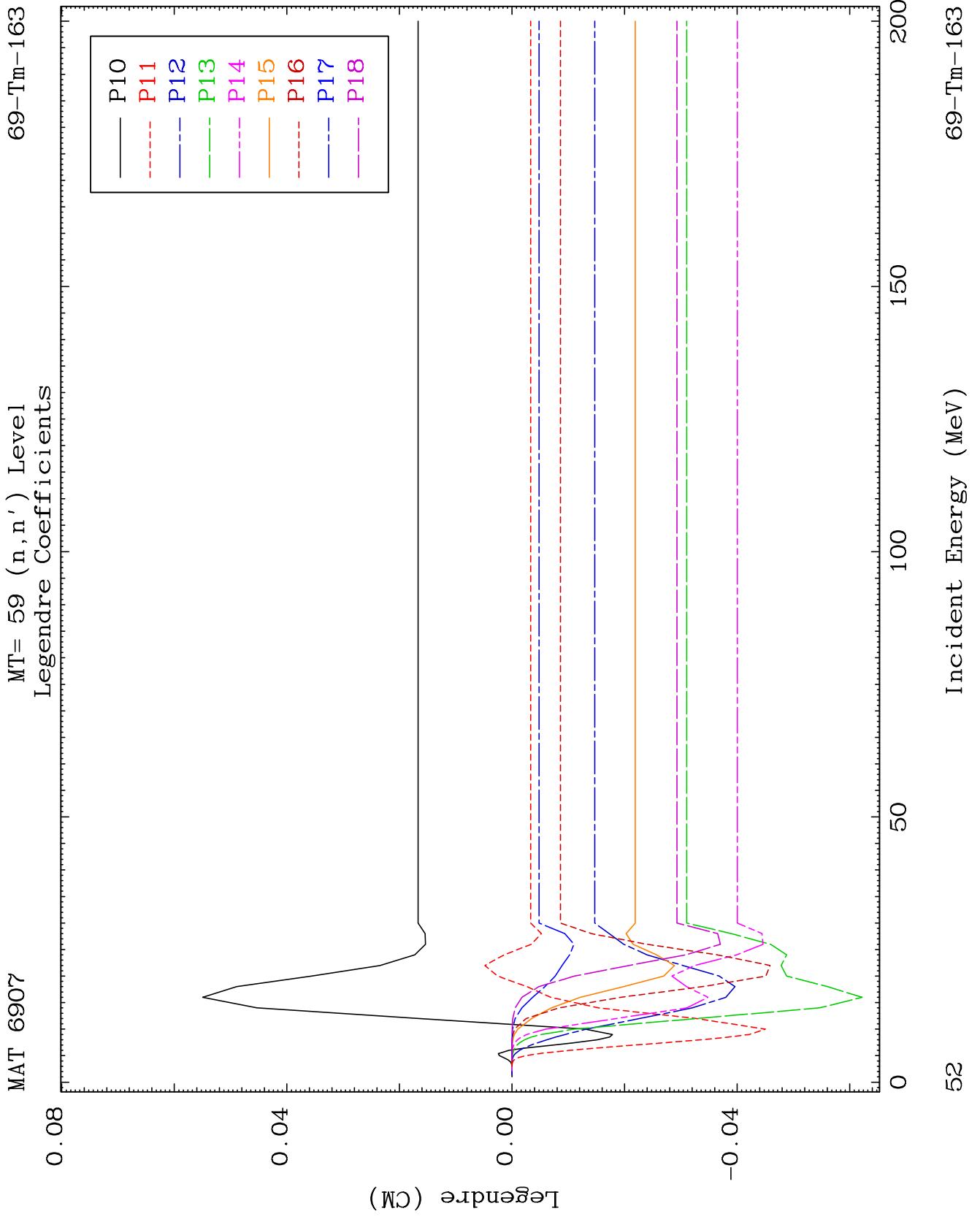
69-Tm-163



51

Incident Energy (MeV)

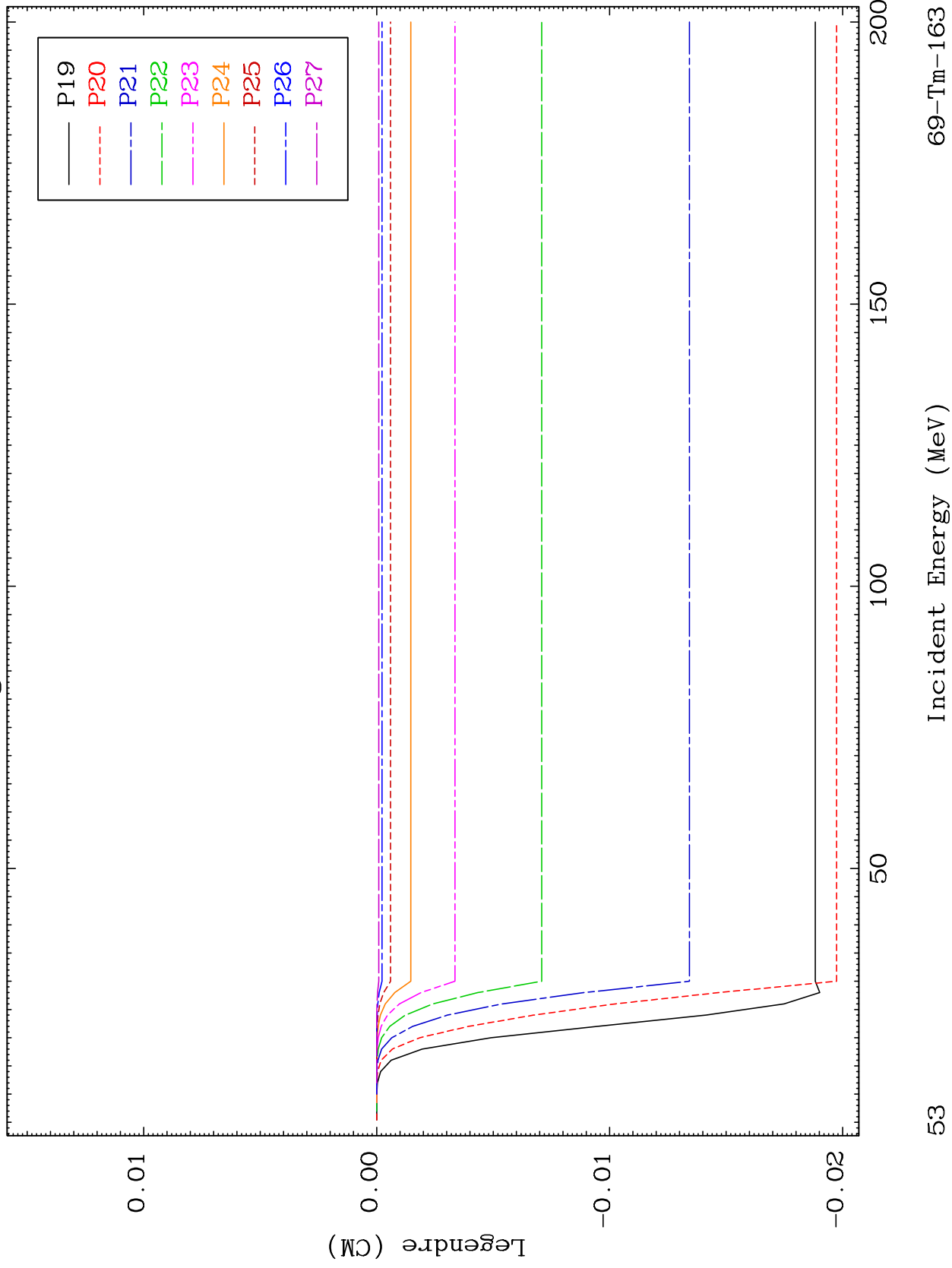
69-Tm-163



MAT 6907

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

69-Tm-163



53

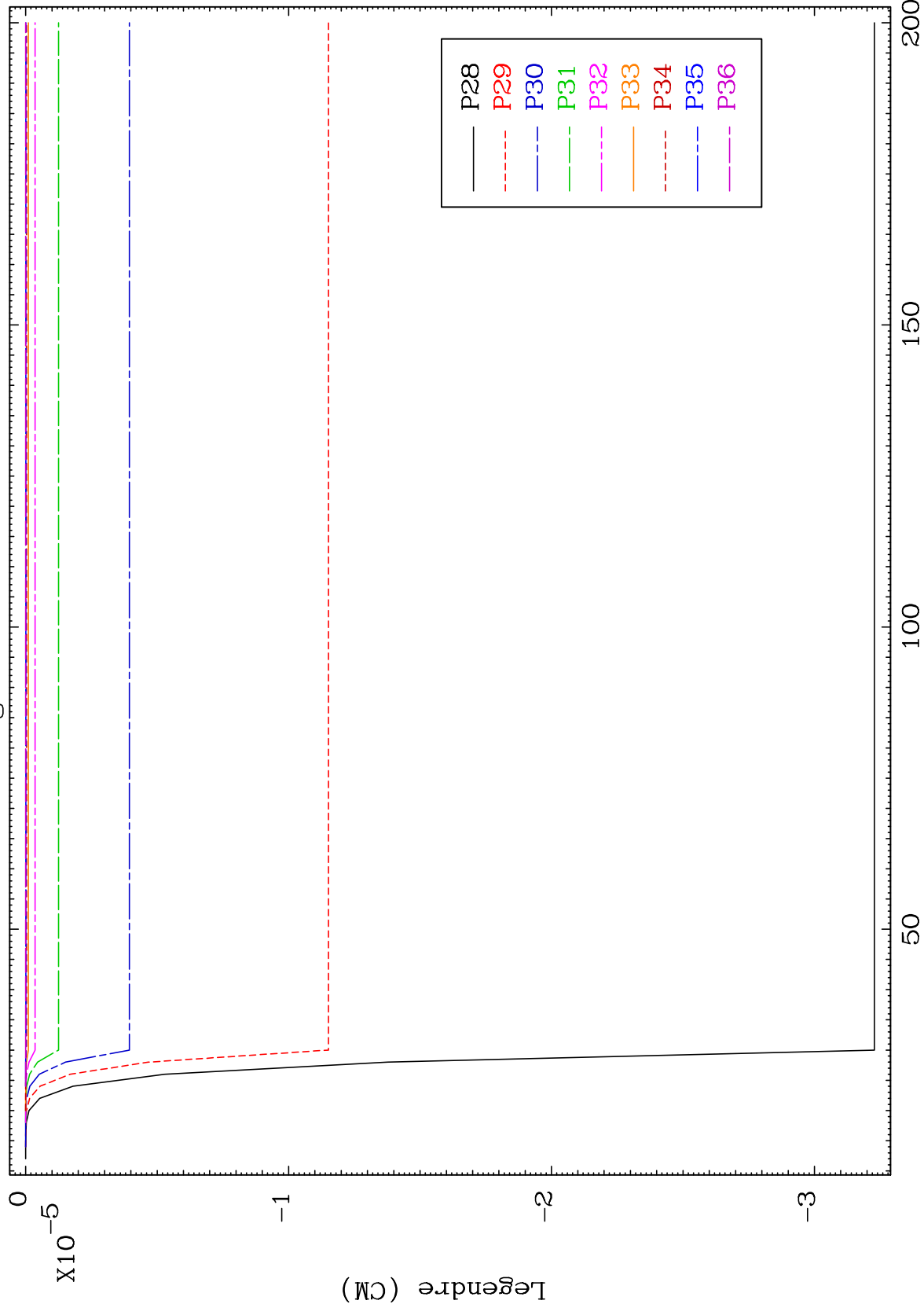
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



54

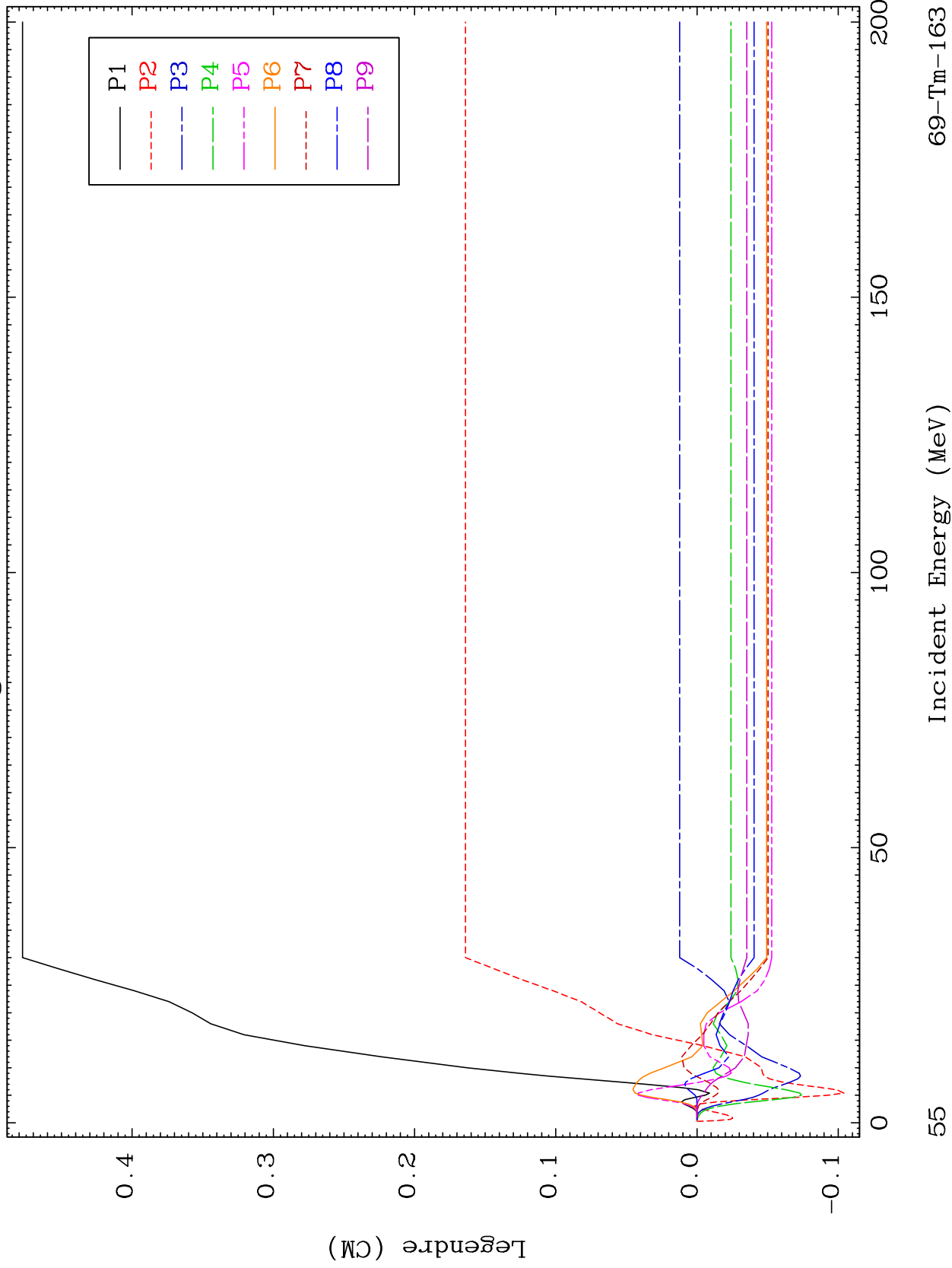
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

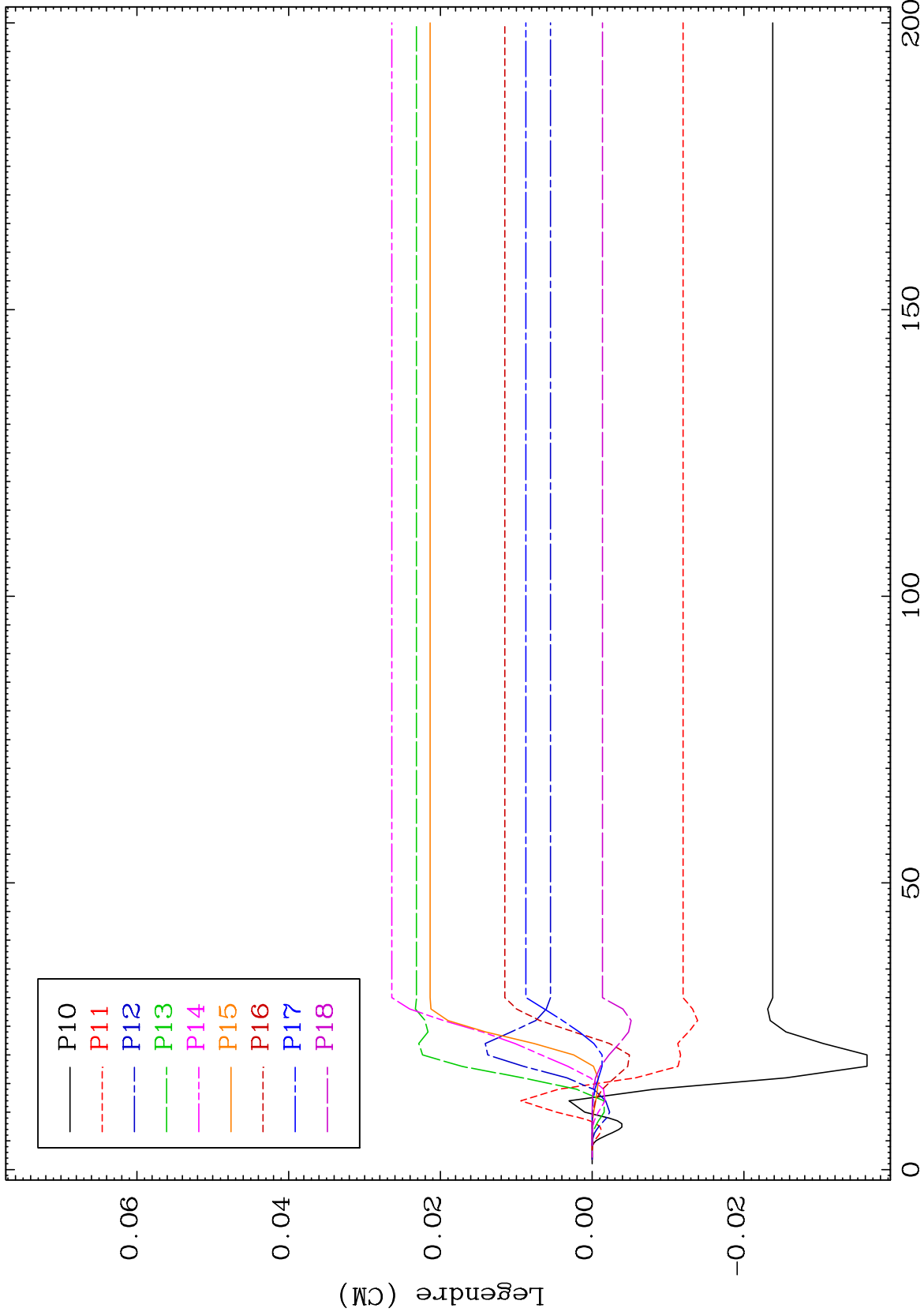
Incident Energy (MeV)

55

MAT 6907

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

69-Tm-163



56

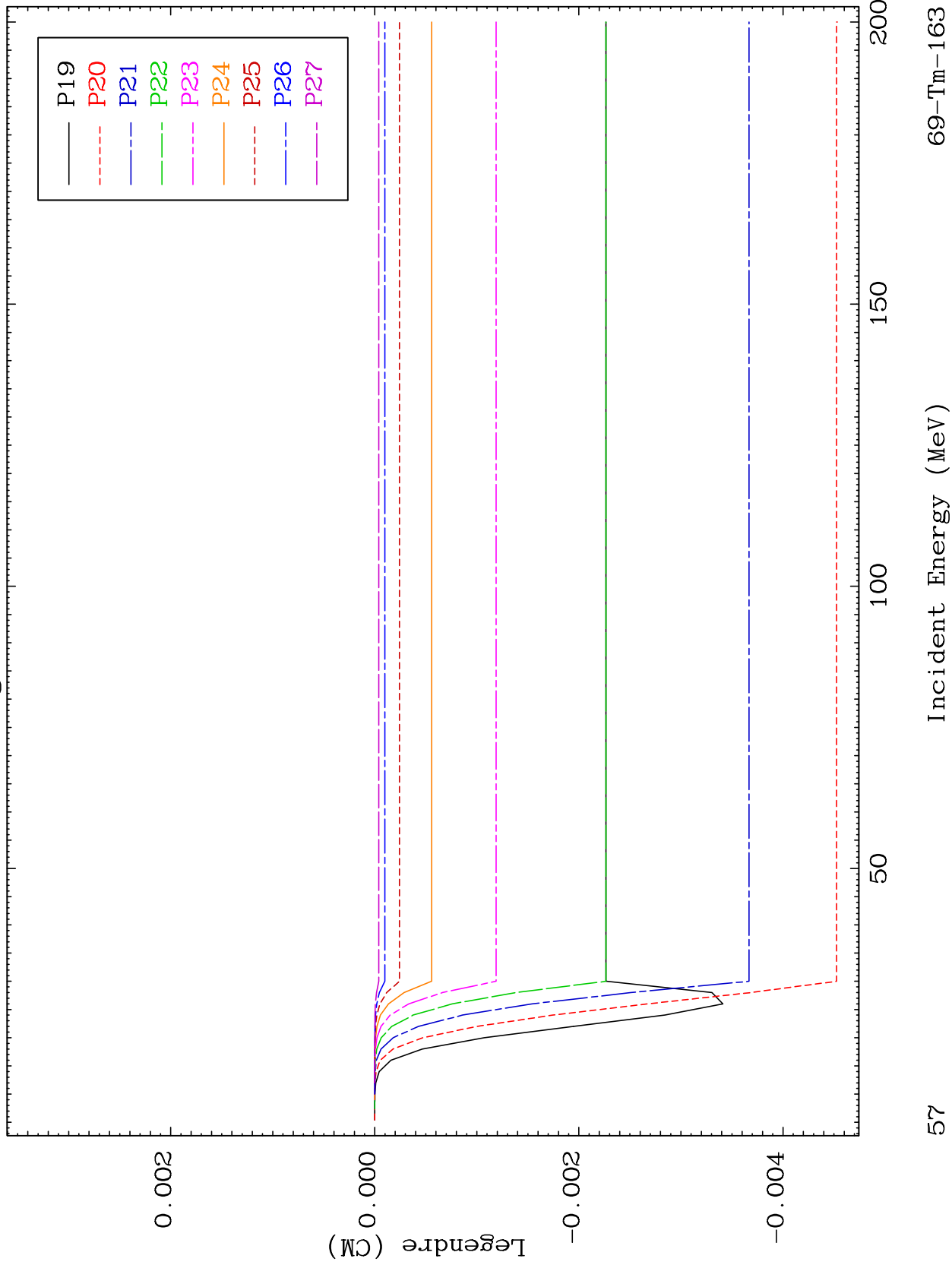
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

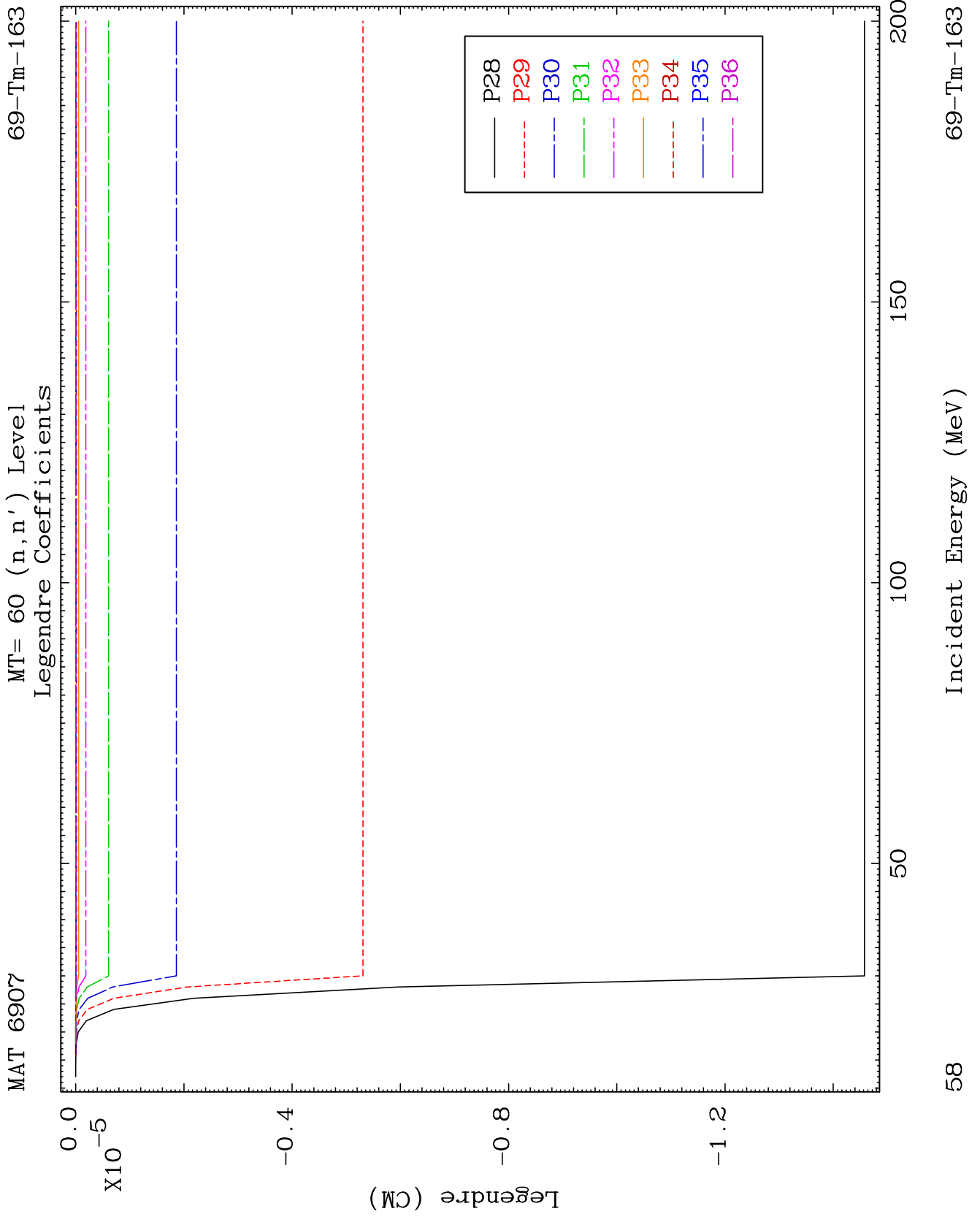
69-Tm-163



57

Incident Energy (MeV)

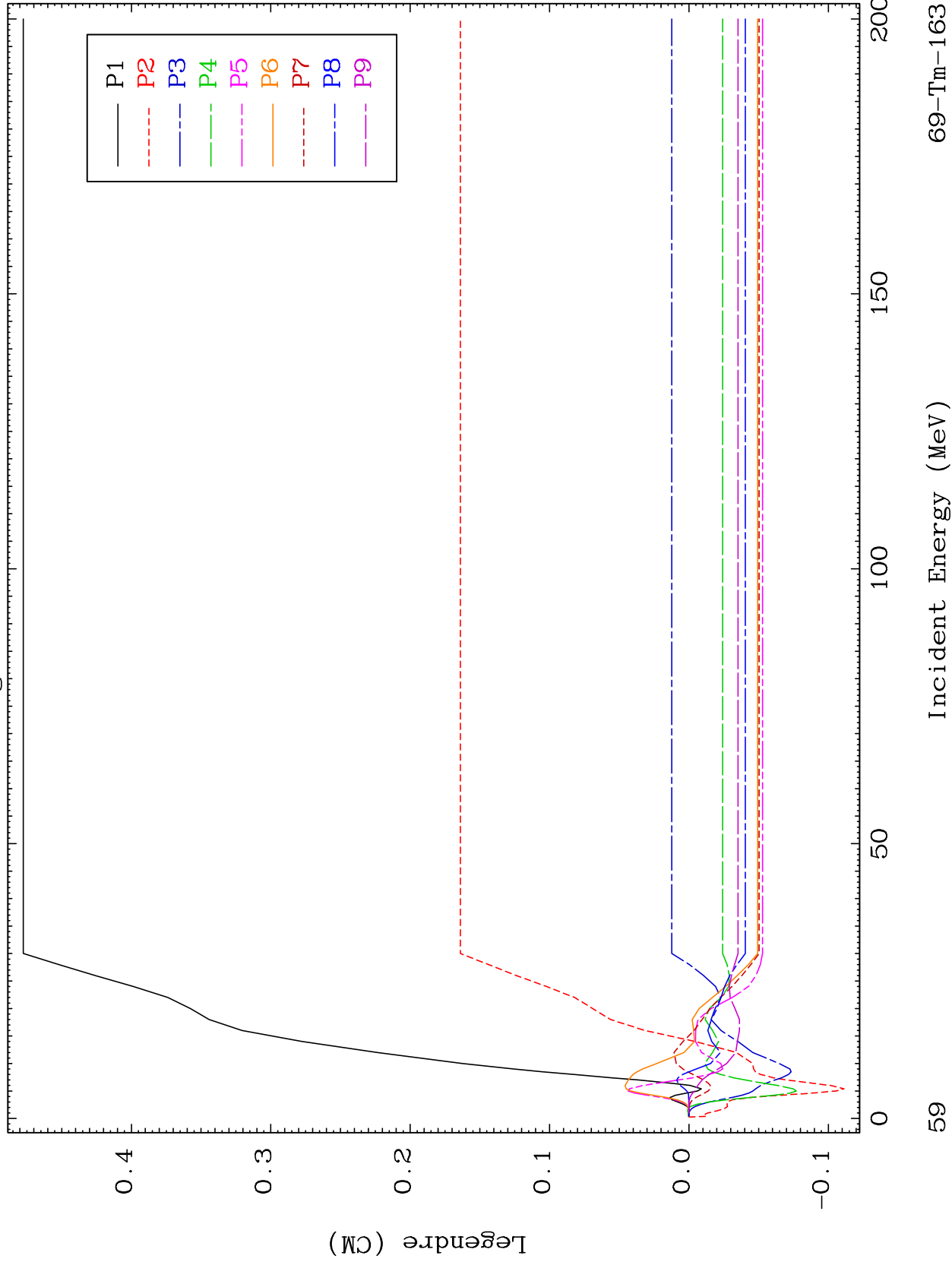
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

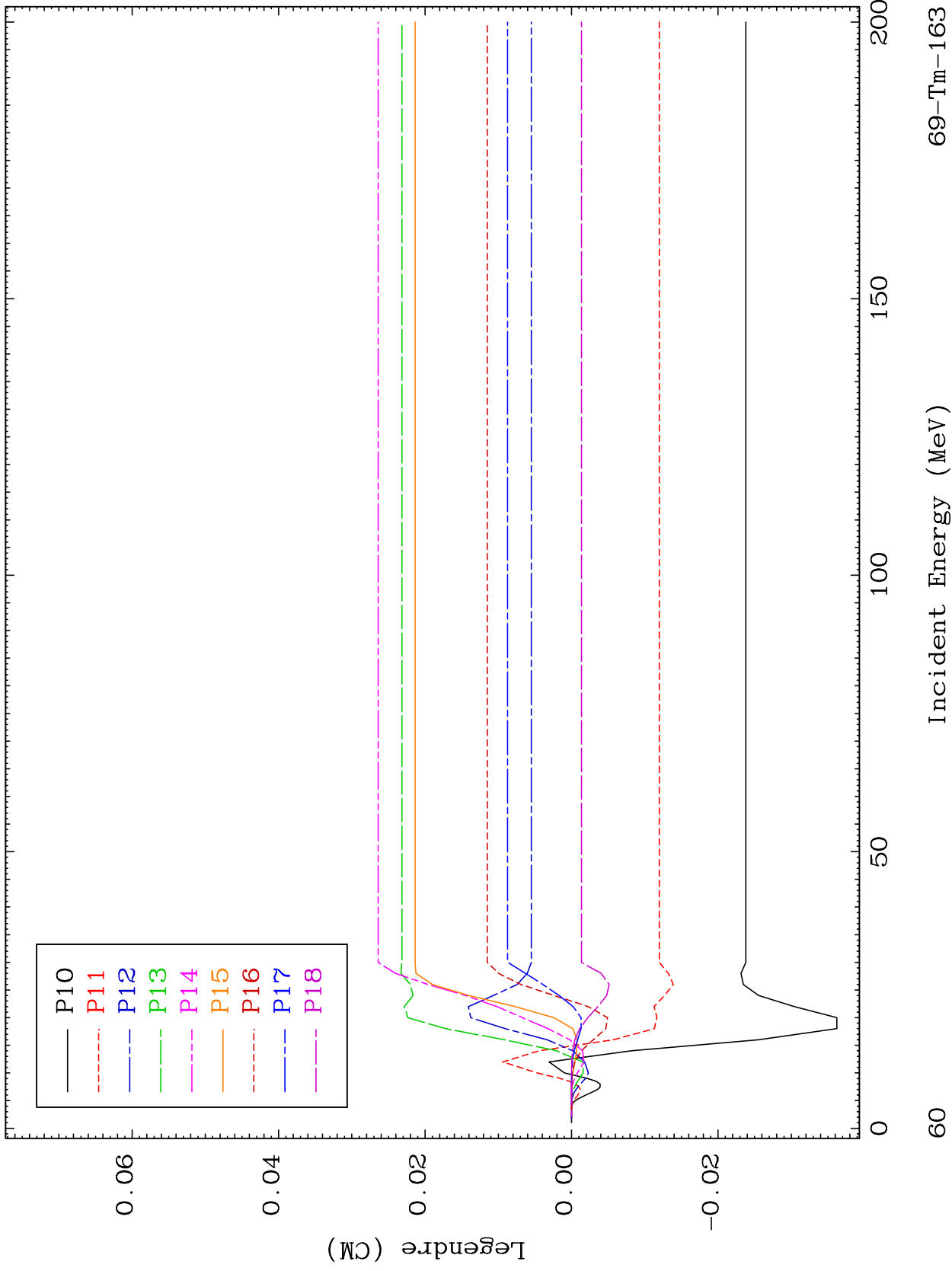
Incident Energy (MeV)

59

MAT 6907

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

69-Tm-163



69-Tm-163

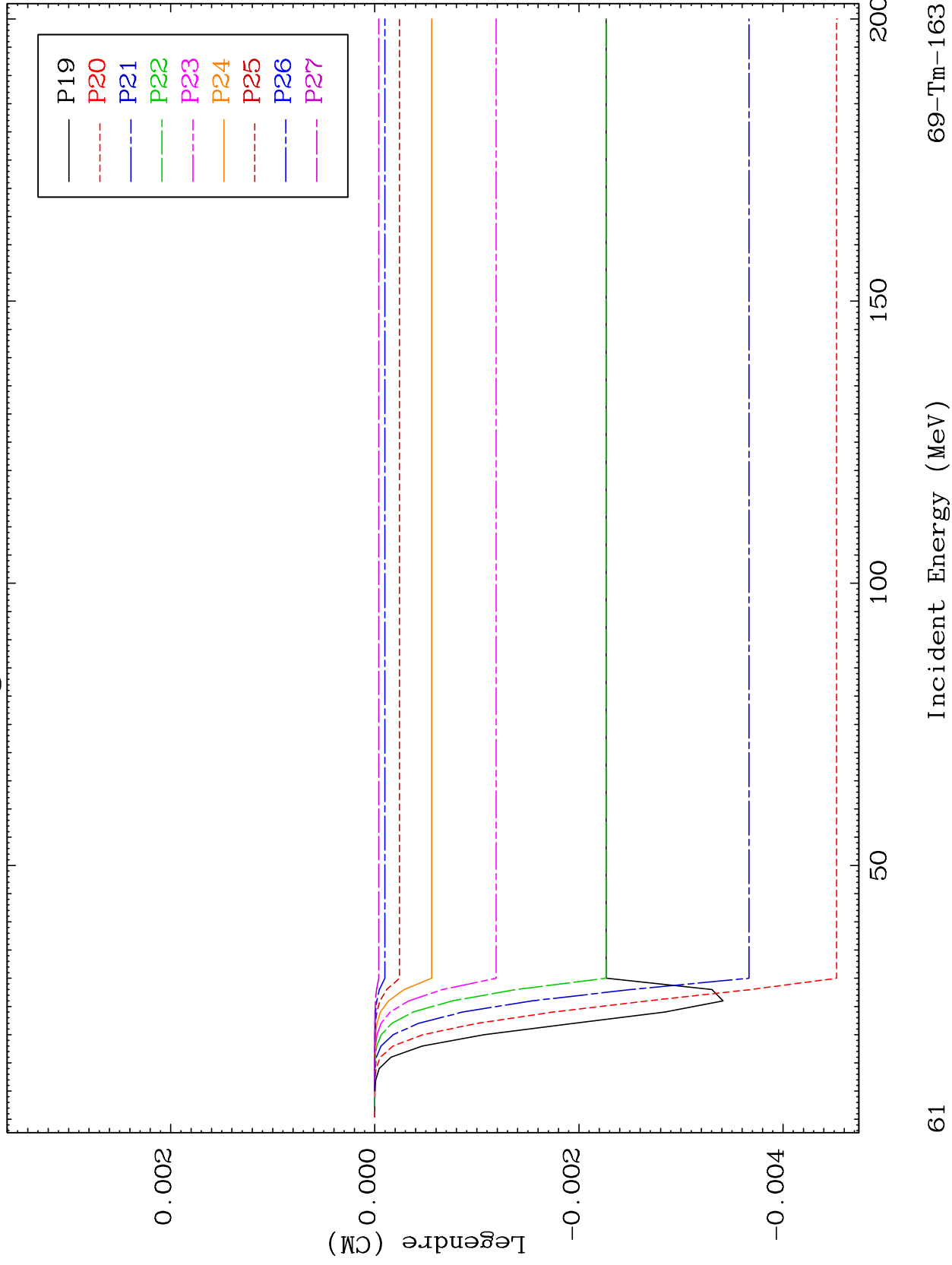
Incident Energy (MeV)

60

MAT 6907

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

69-Tm-163



61

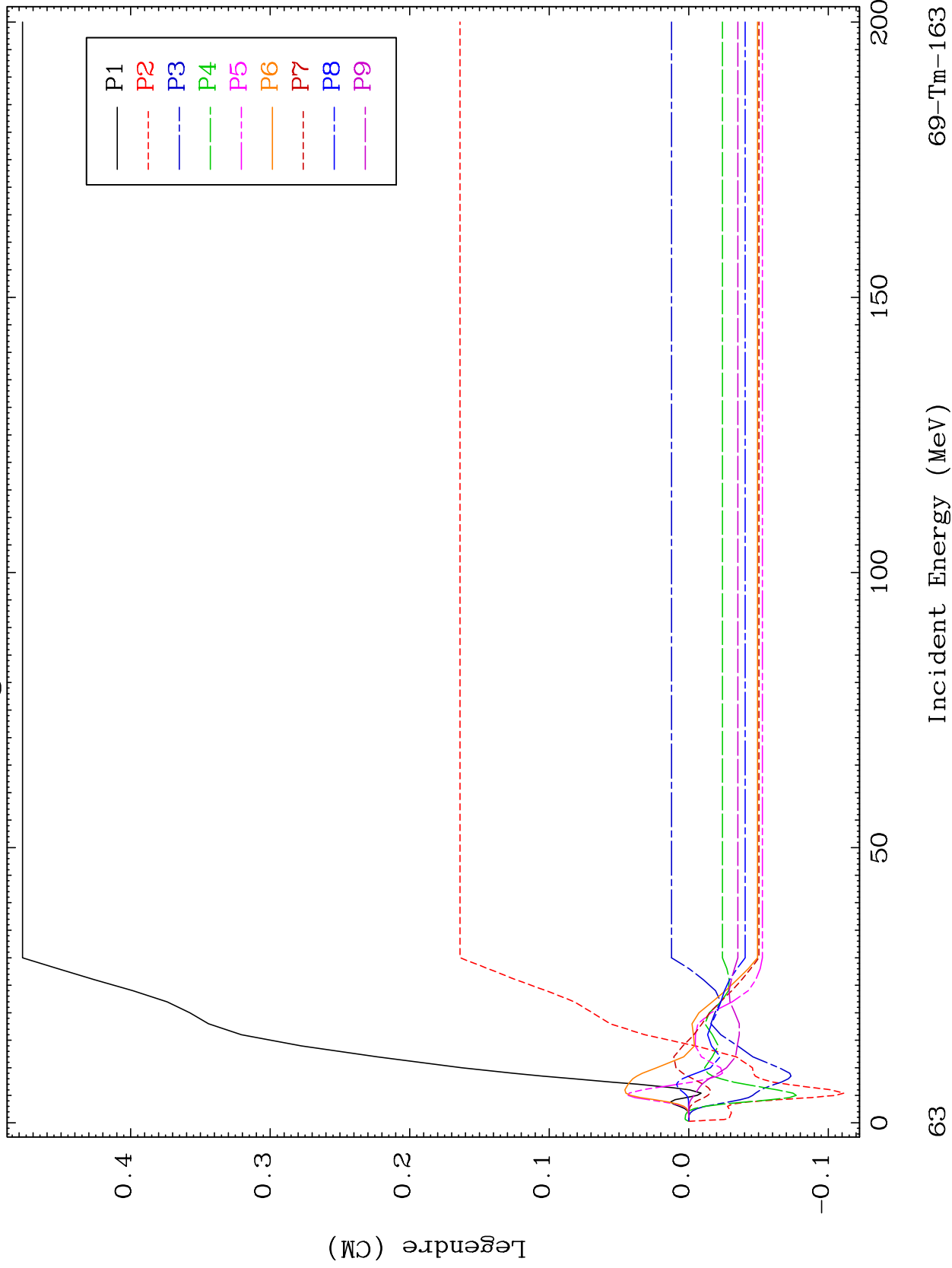
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

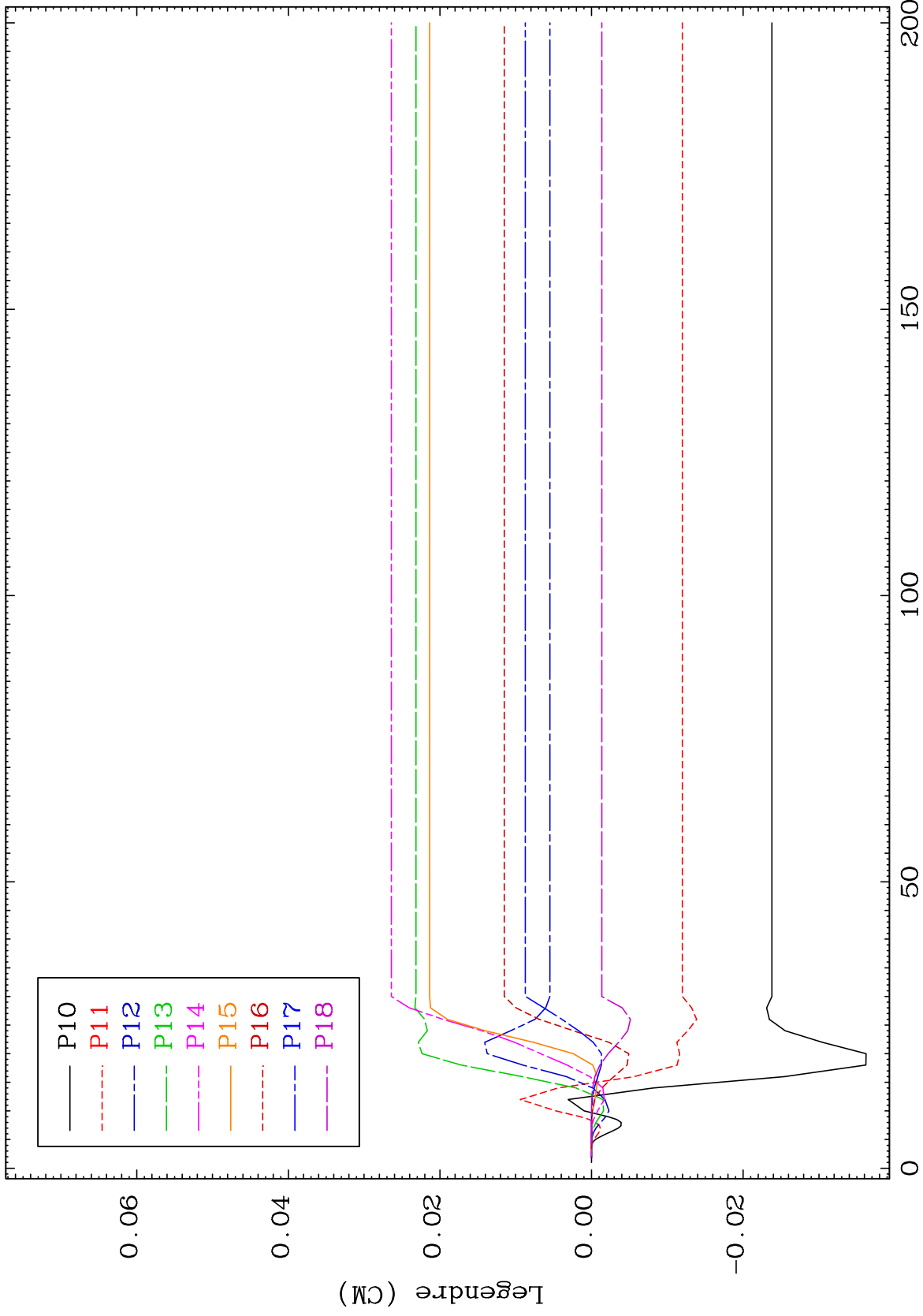
Incident Energy (MeV)

63

MAT 6907

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

69-Tm-163



64

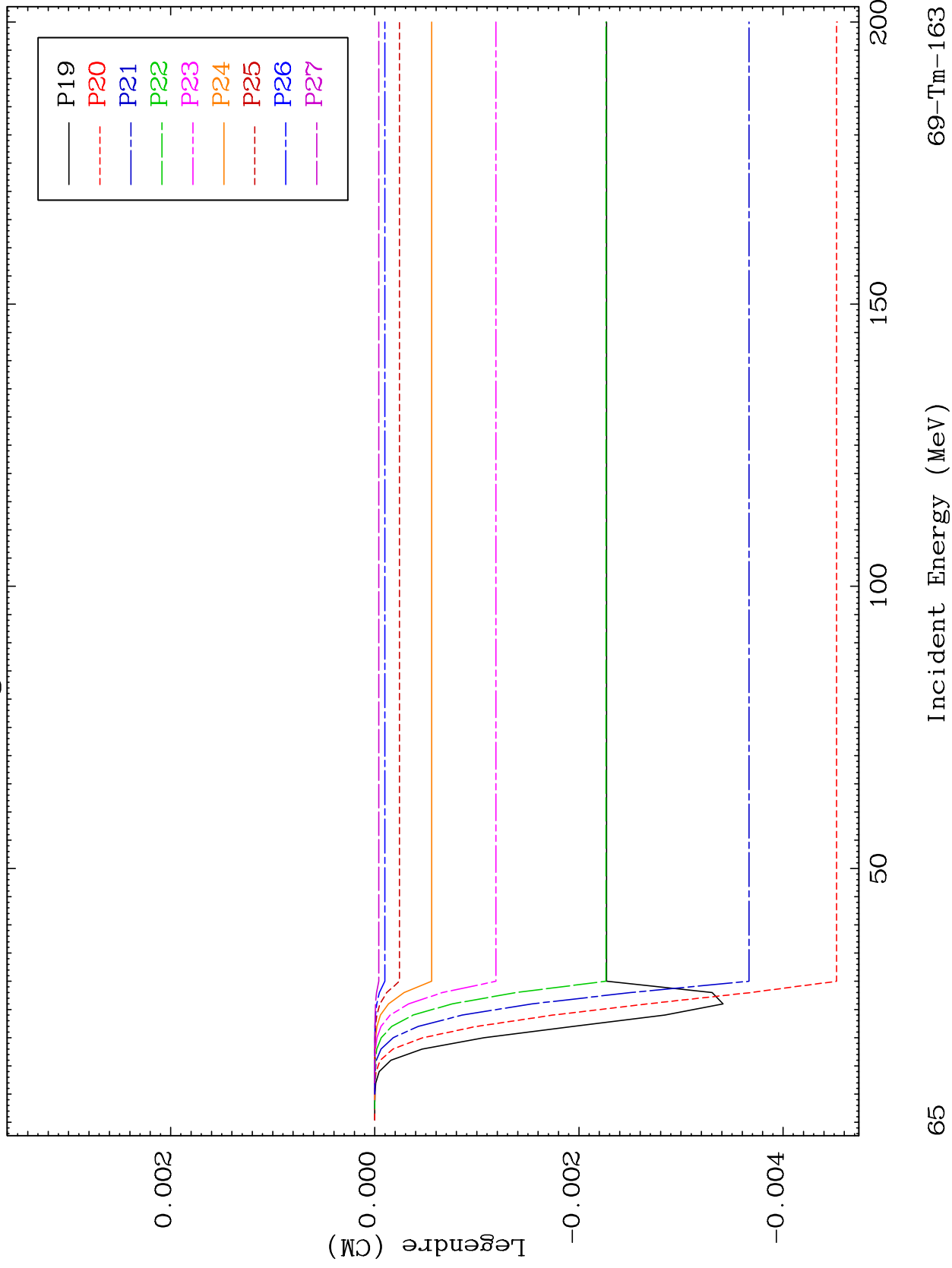
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



65

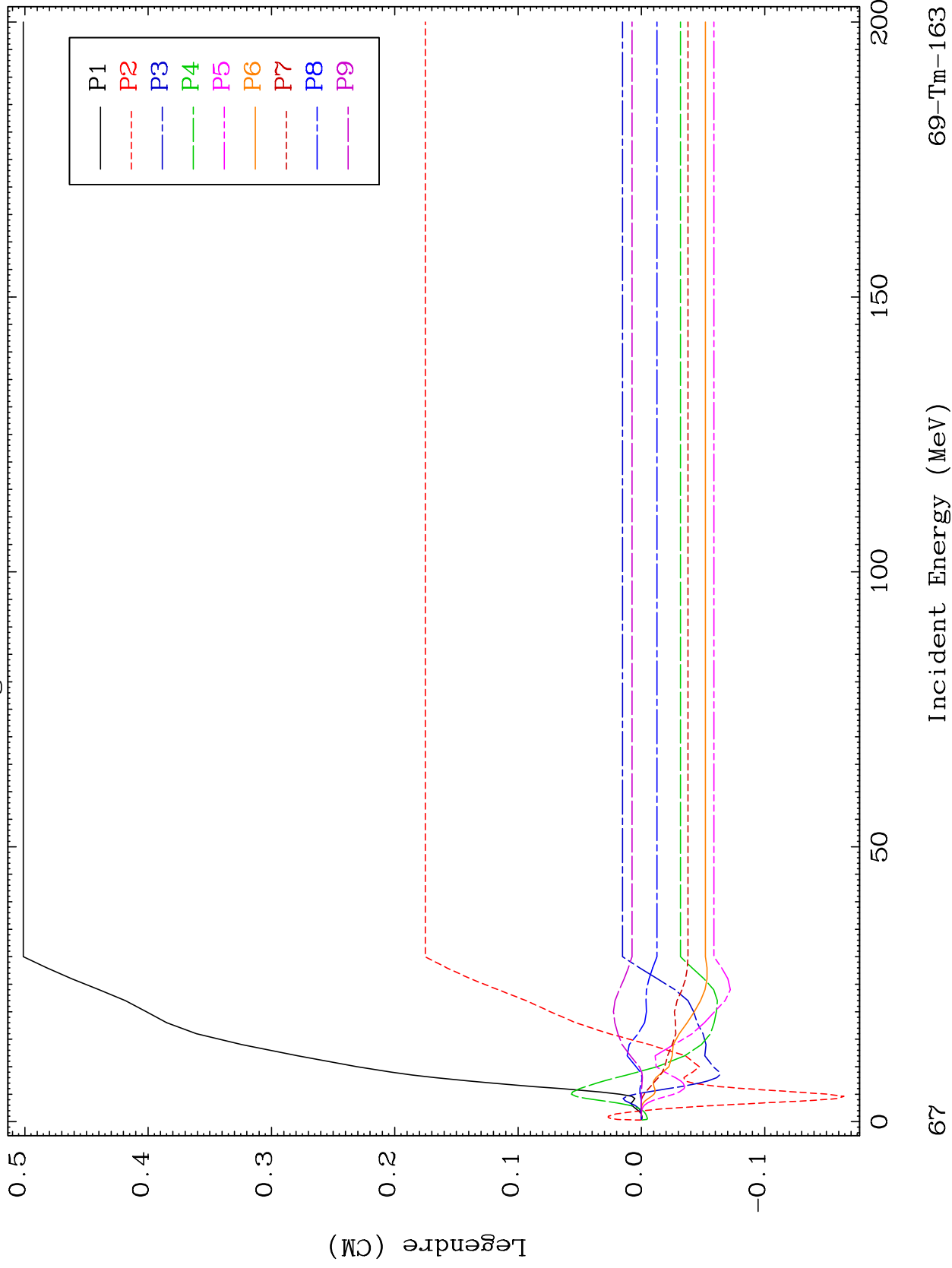
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

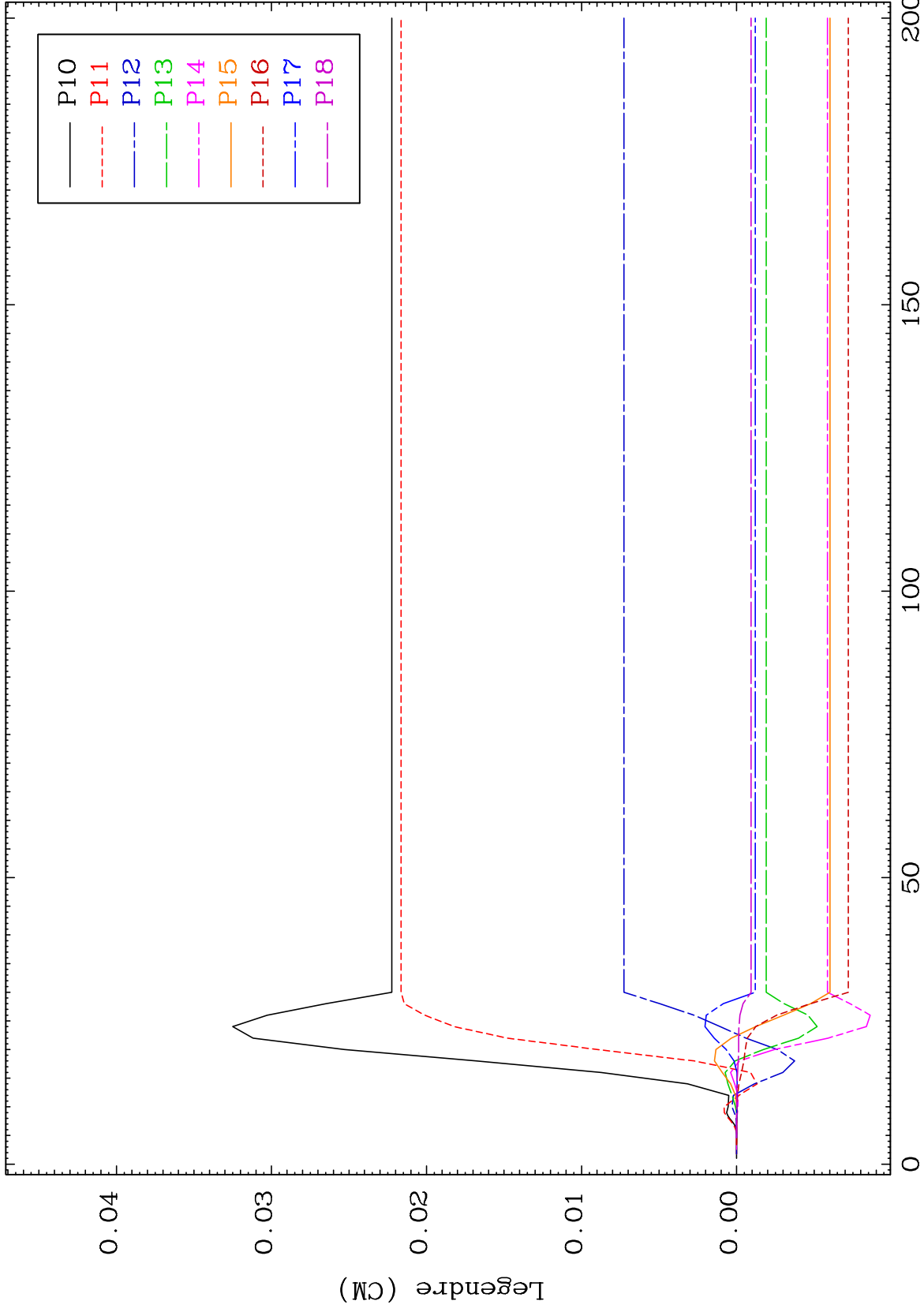
69-Tm-163



MAT 6907

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

69-Tm-163



68

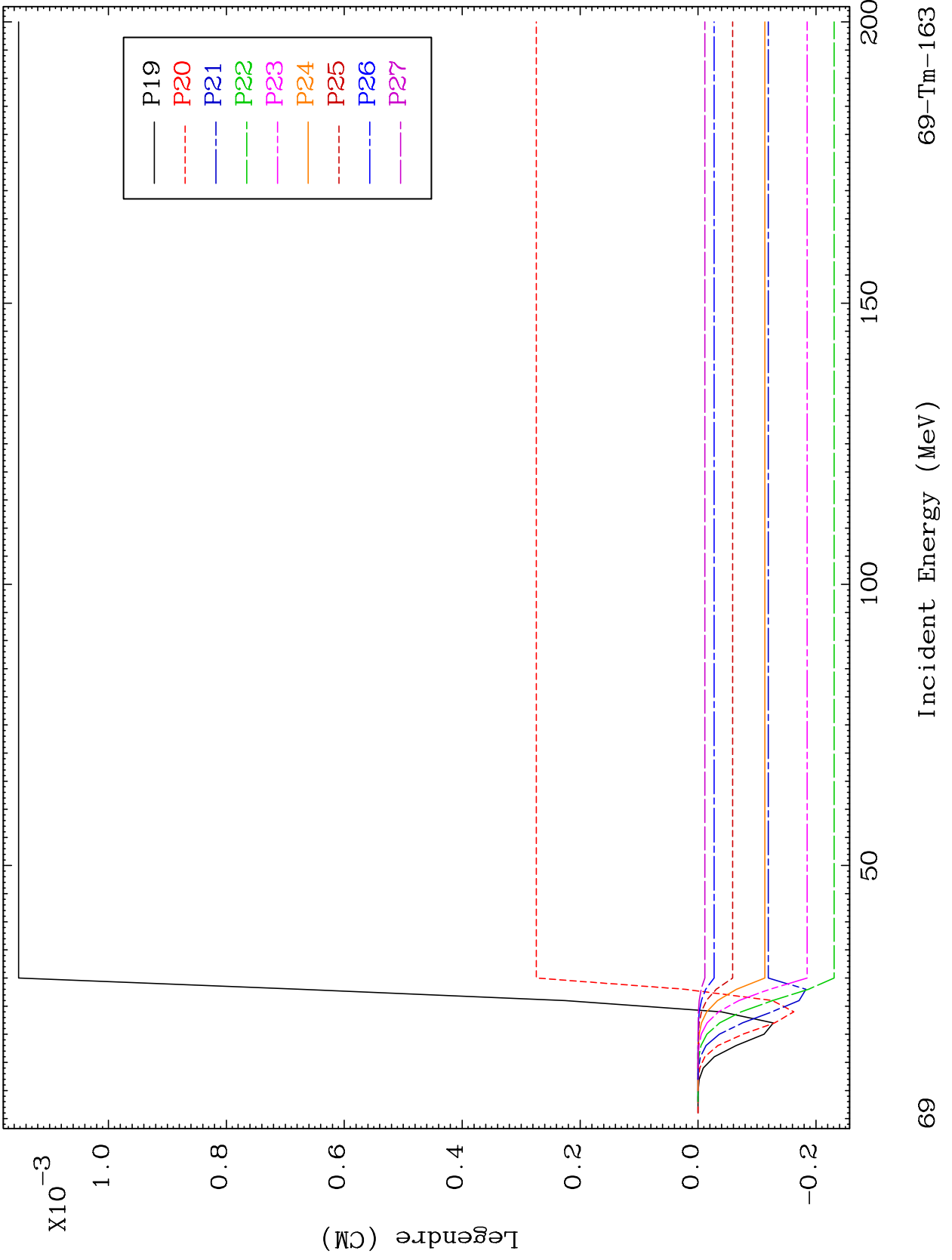
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

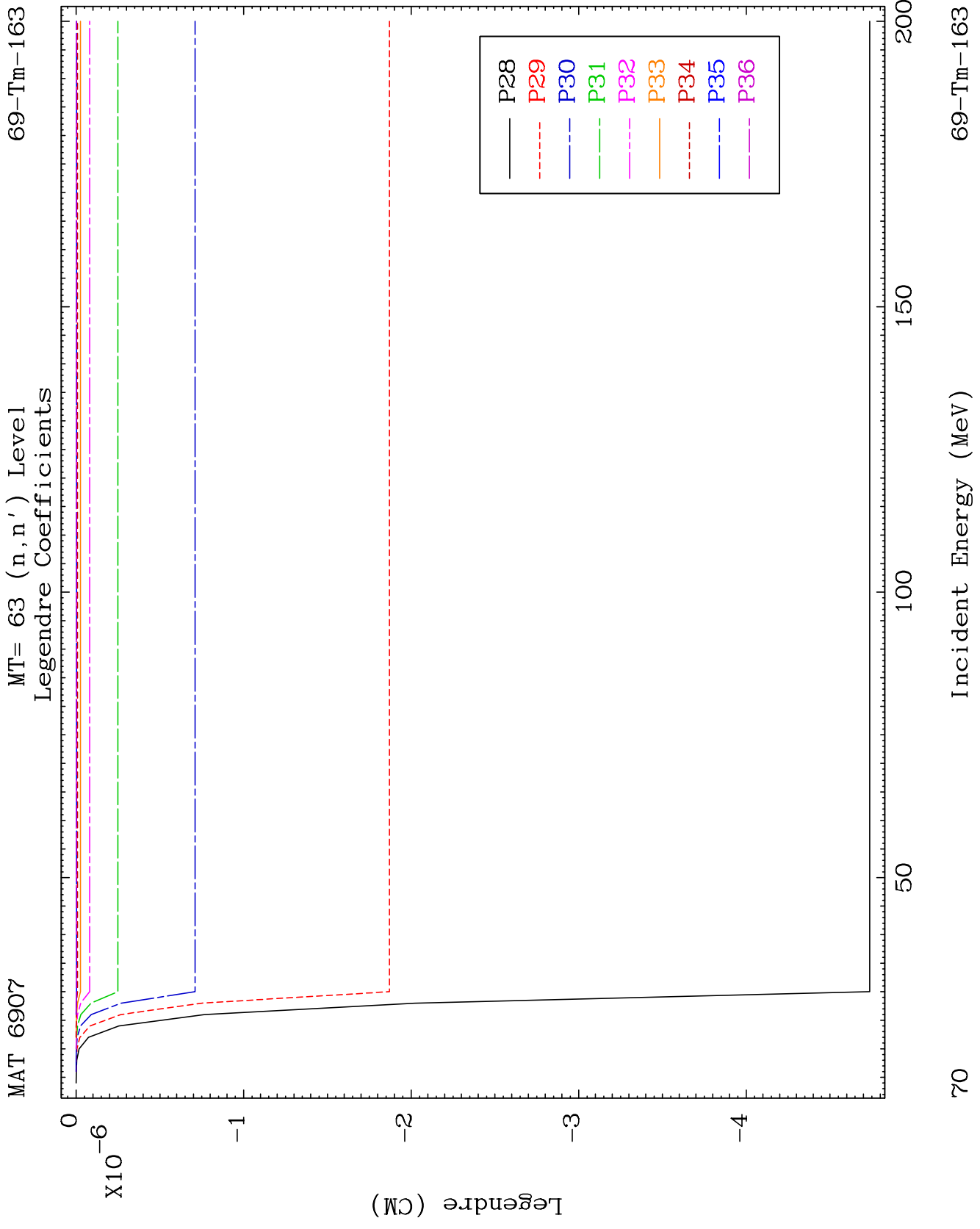
69-Tm-163



69

Incident Energy (MeV)

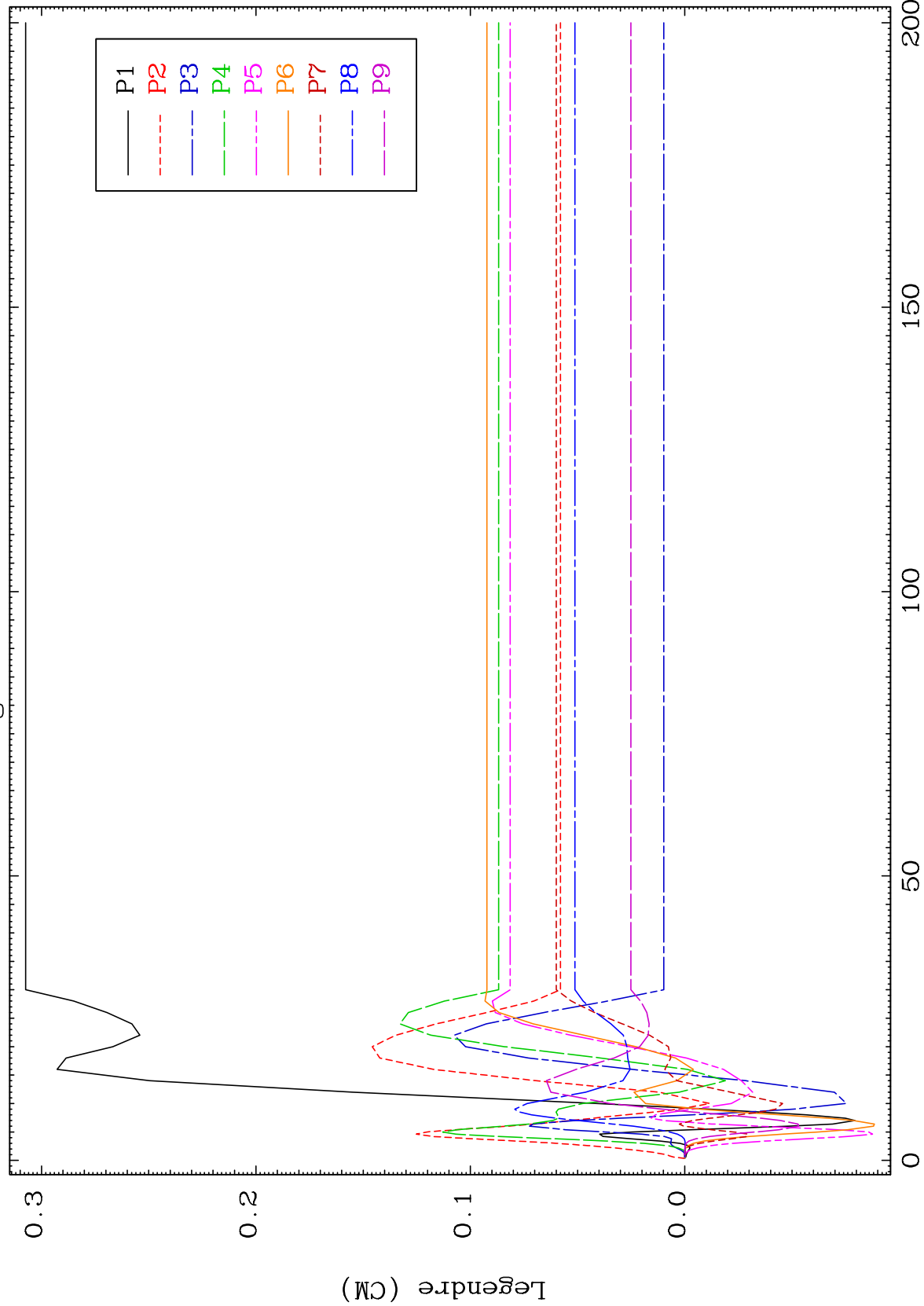
69-Tm-163



MAT 6907

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

69-Tm-163



71

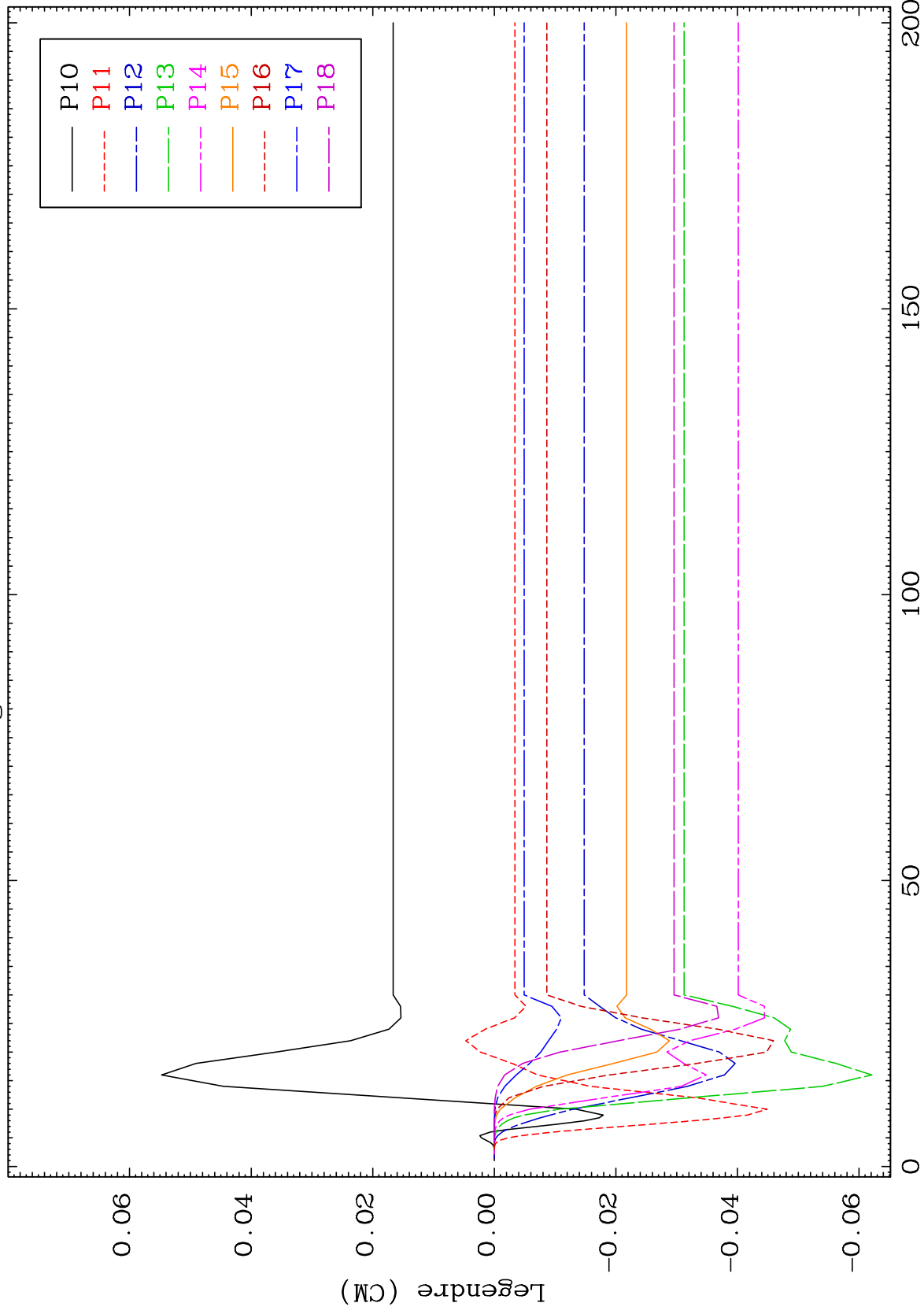
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



72

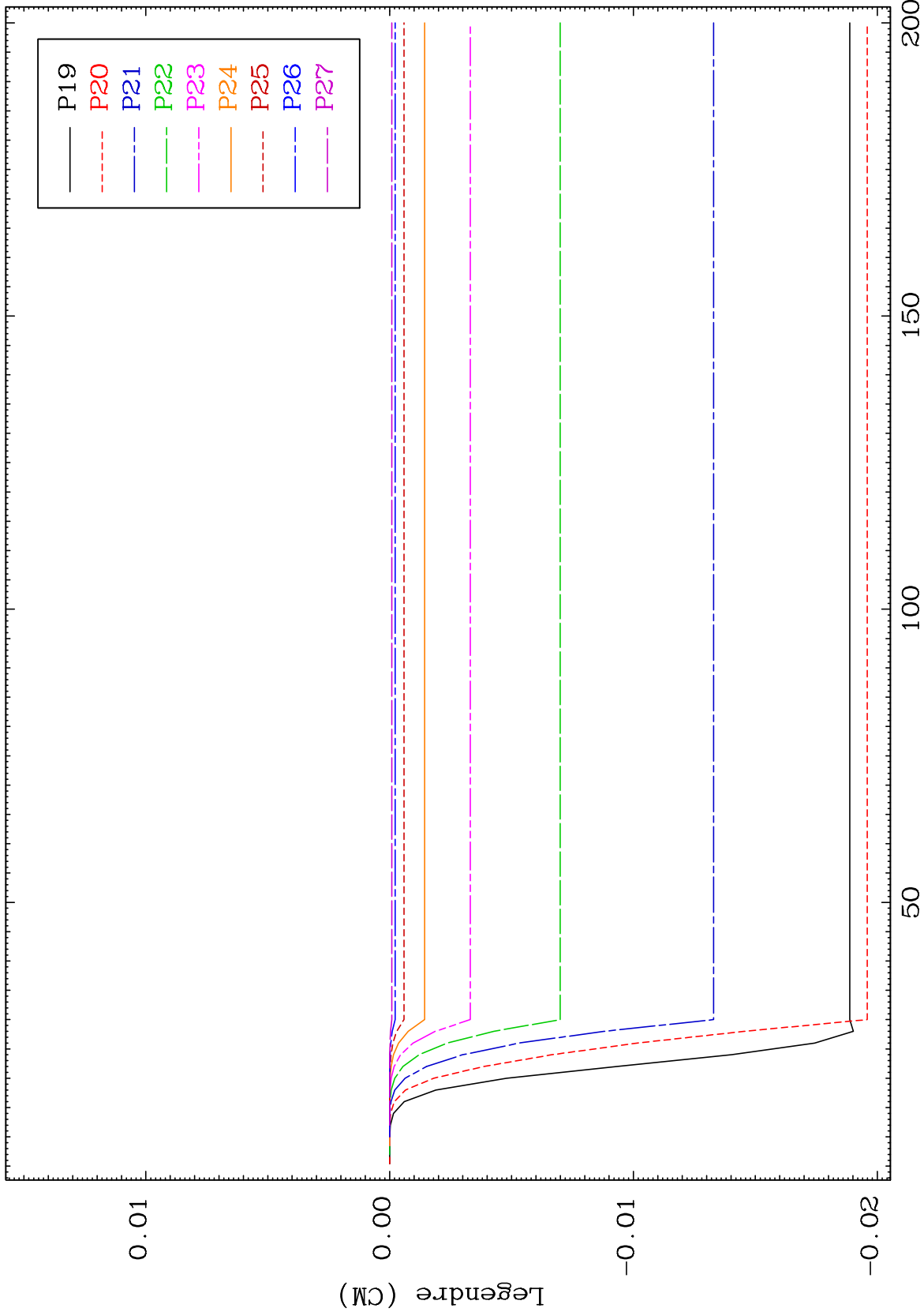
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



73

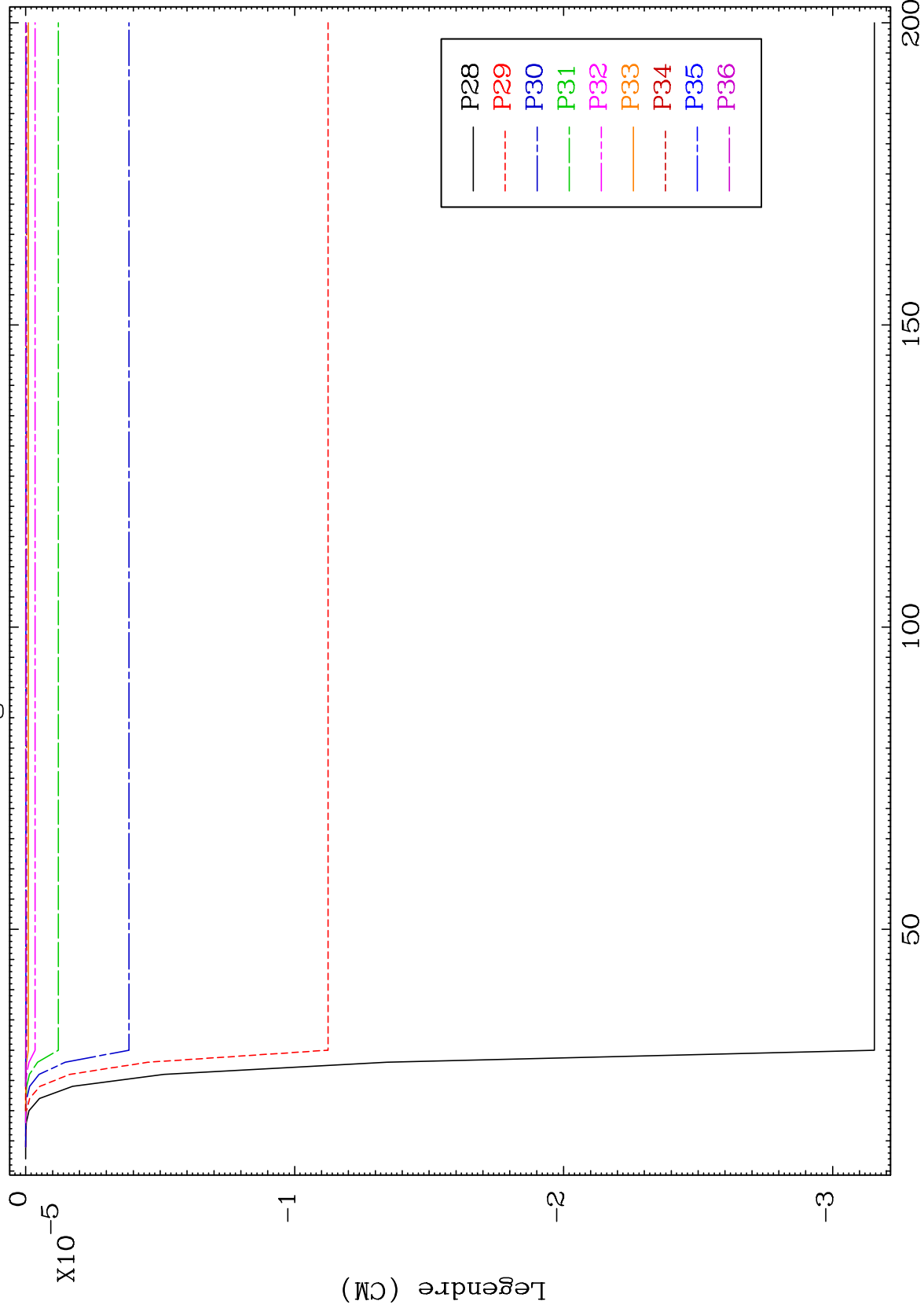
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



74

Incident Energy (MeV)

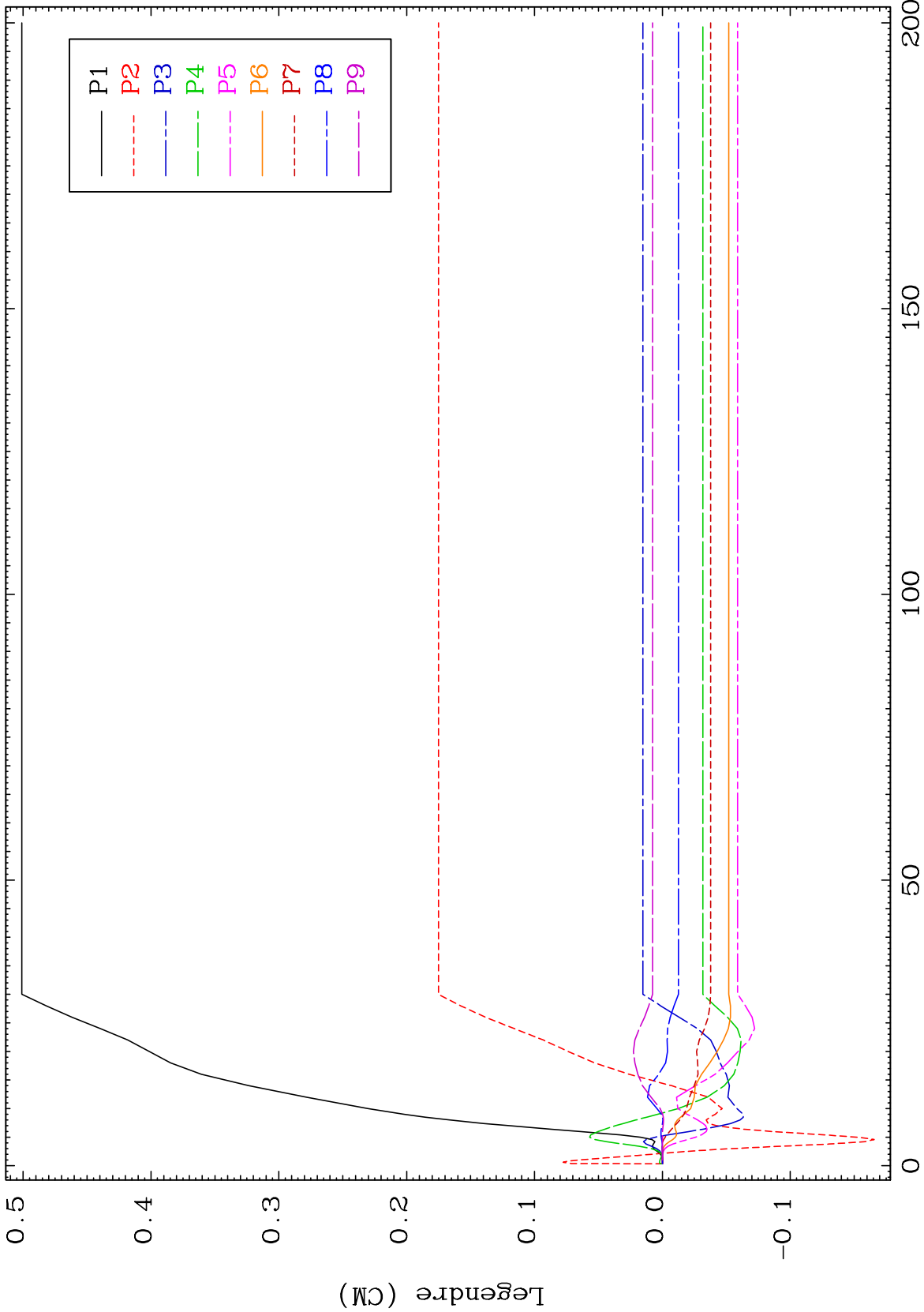
69-Tm-163

MAT 6907

MT= 65 (n,n') Level

69-Tm-163

Legendre Coefficients



75

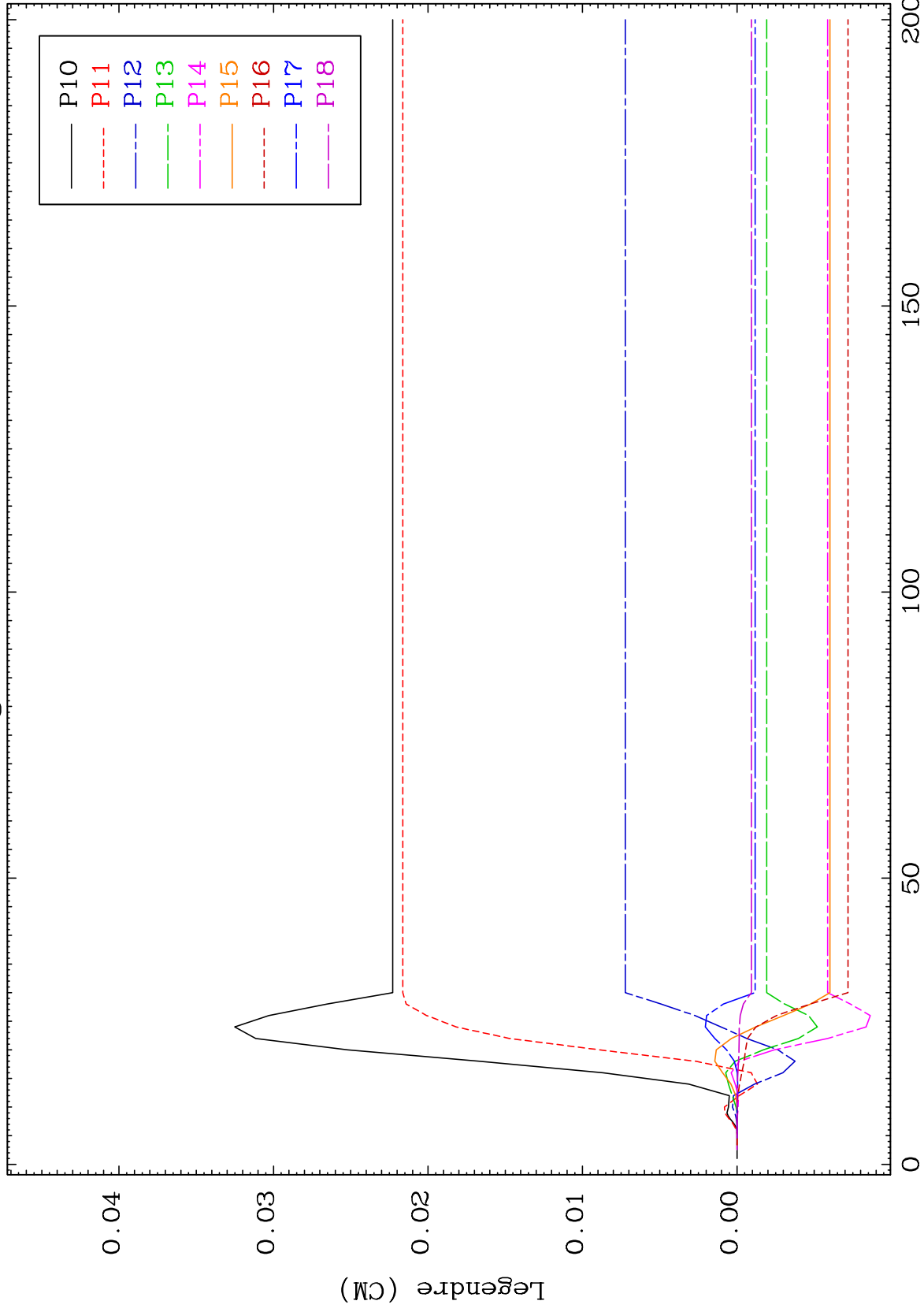
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



76

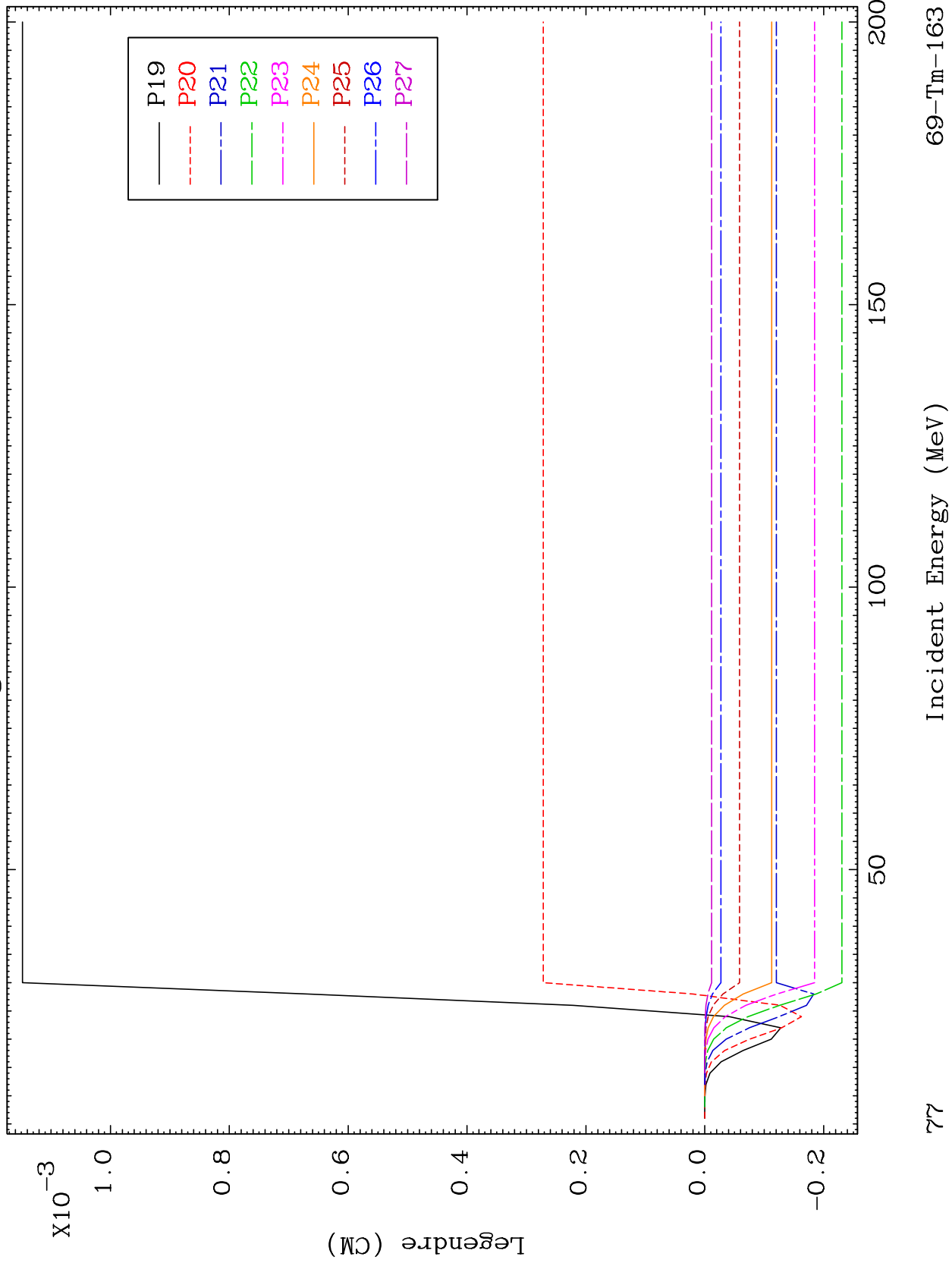
Incident Energy (MeV)

69-Tm-163

MAT 6907

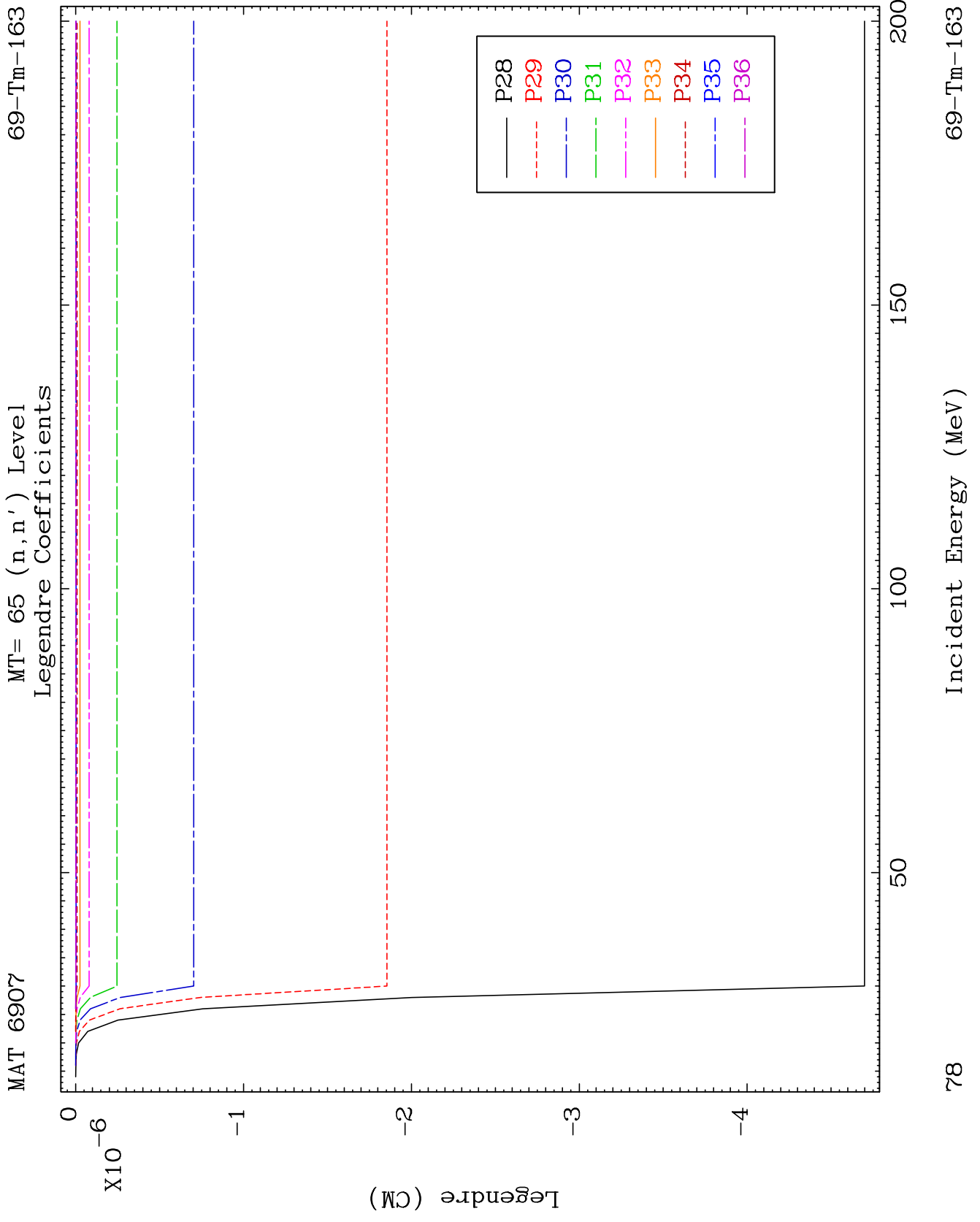
MT= 65 (n,n') Level
Legendre Coefficients

69-Tm-163



77

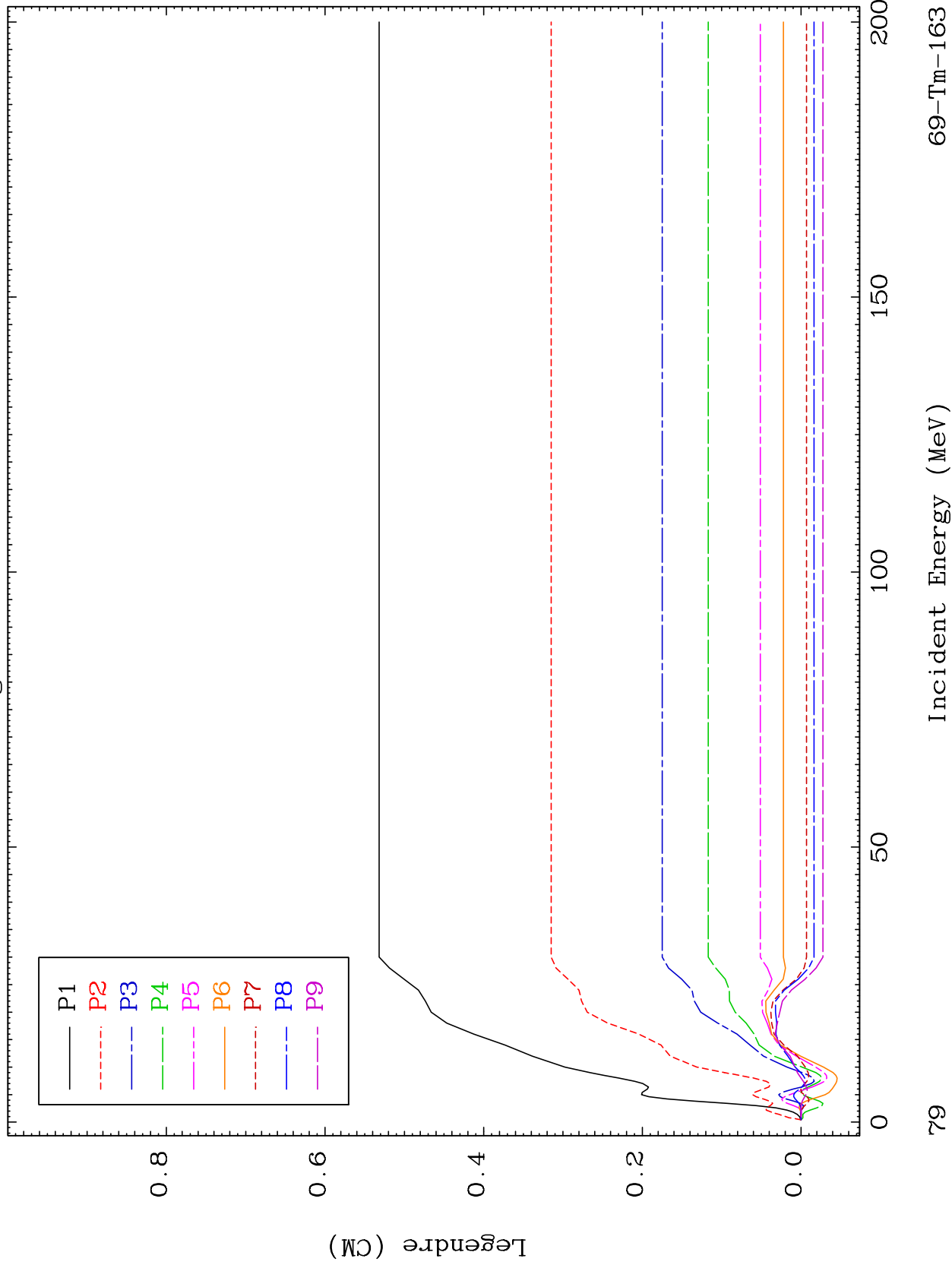
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

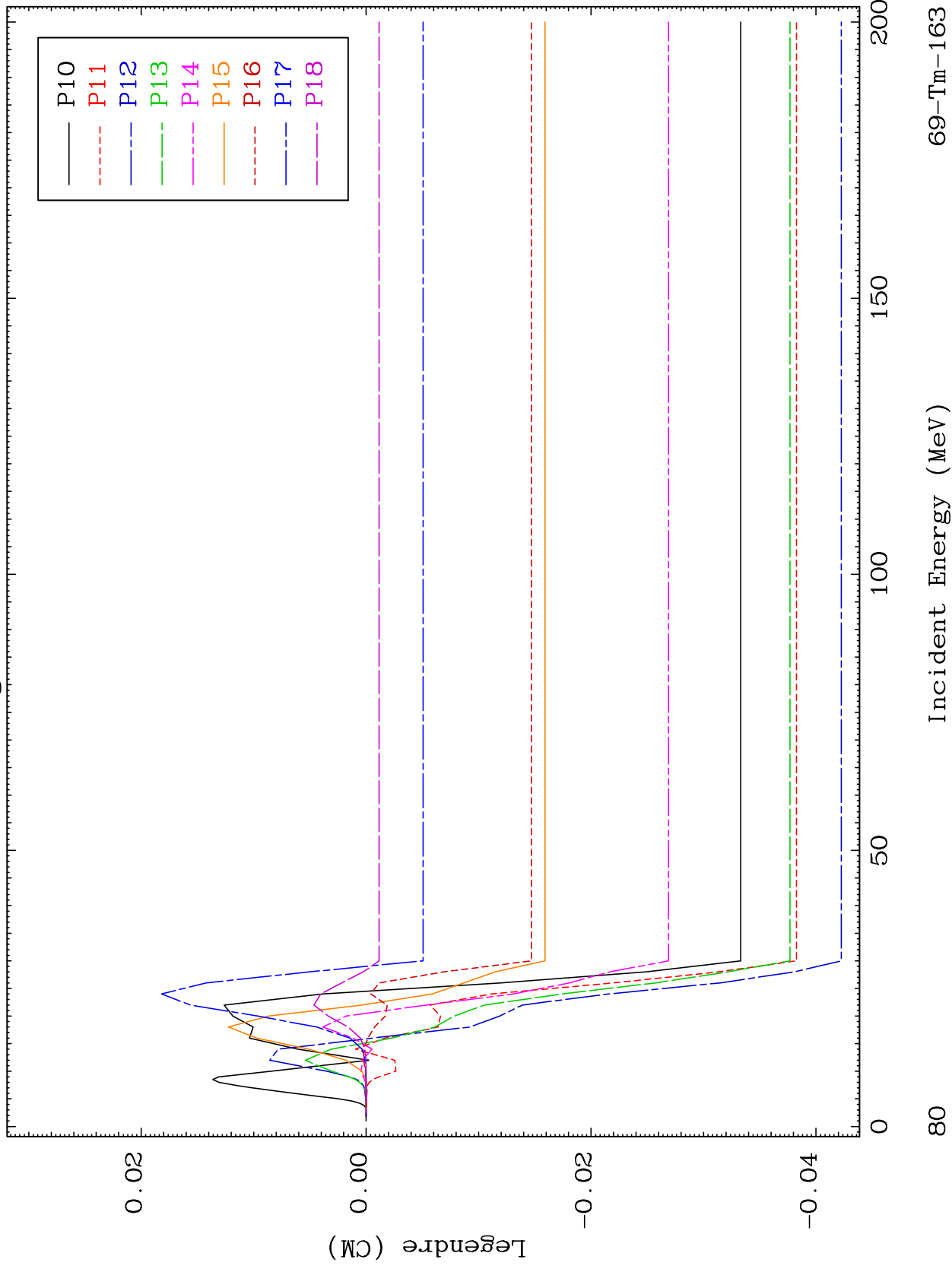
Incident Energy (MeV)

79

MAT 6907

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

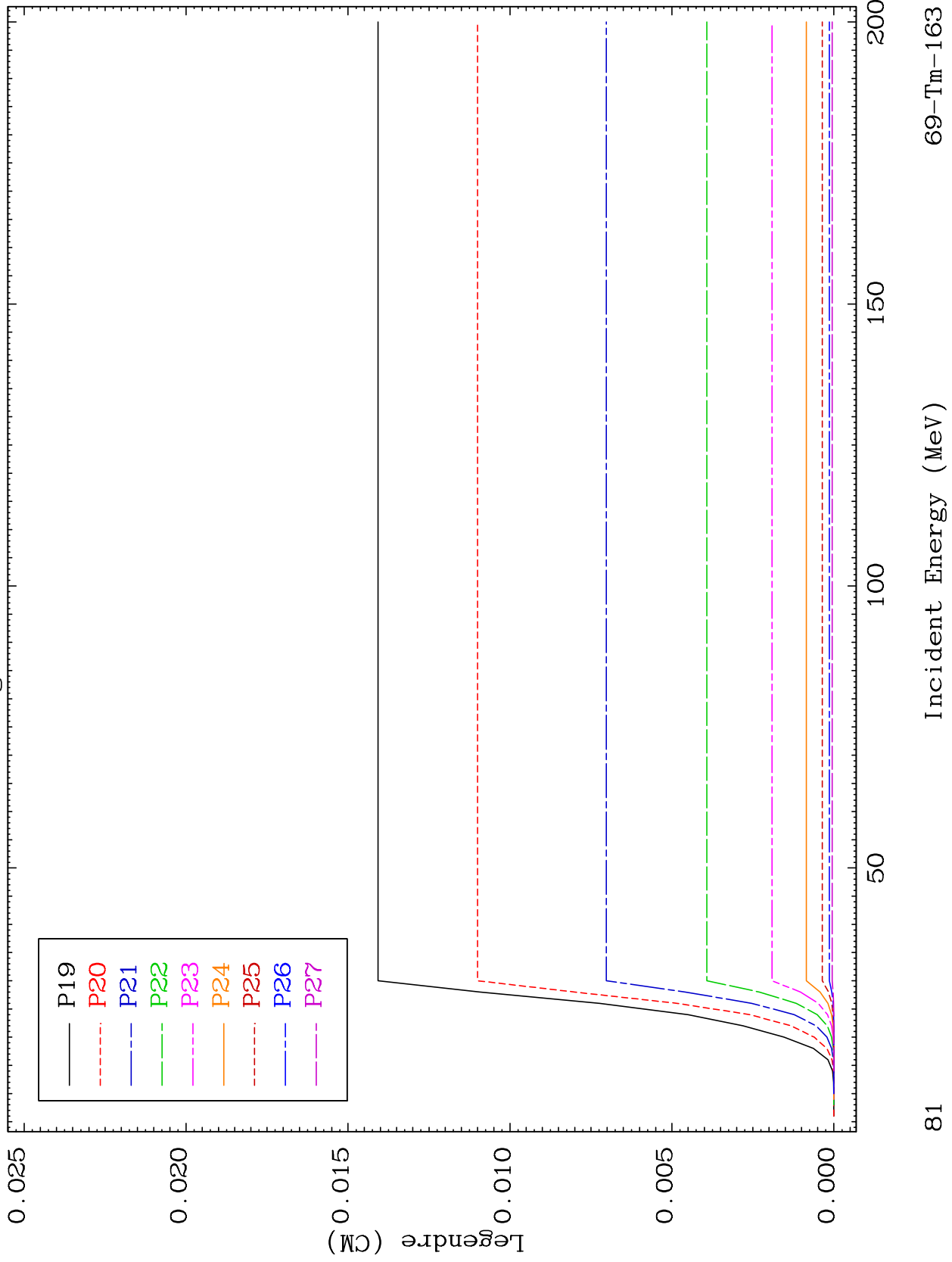
69-Tm-163



69-Tm-163

Incident Energy (MeV)

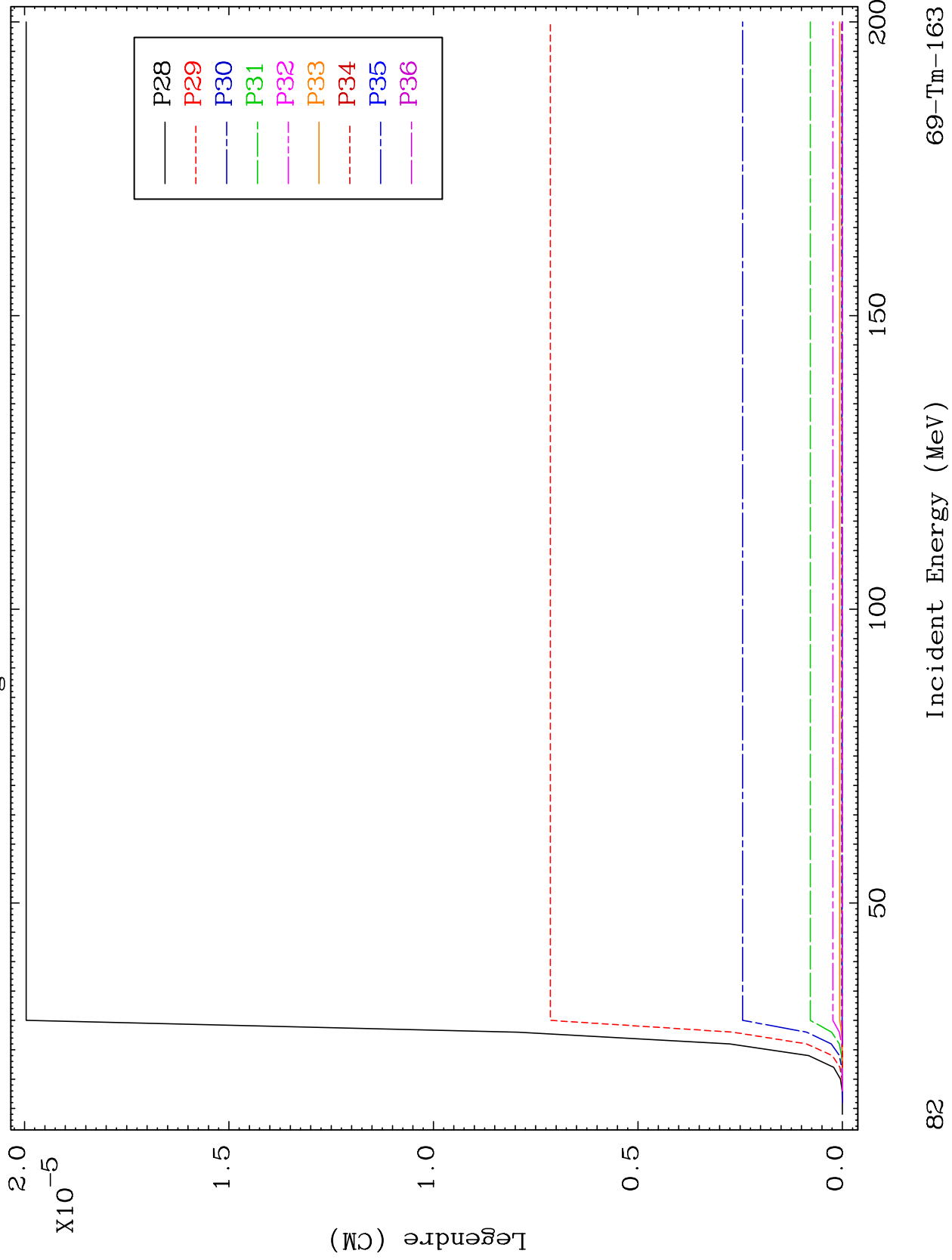
80



MAT 6907

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

69-Tm-163



82

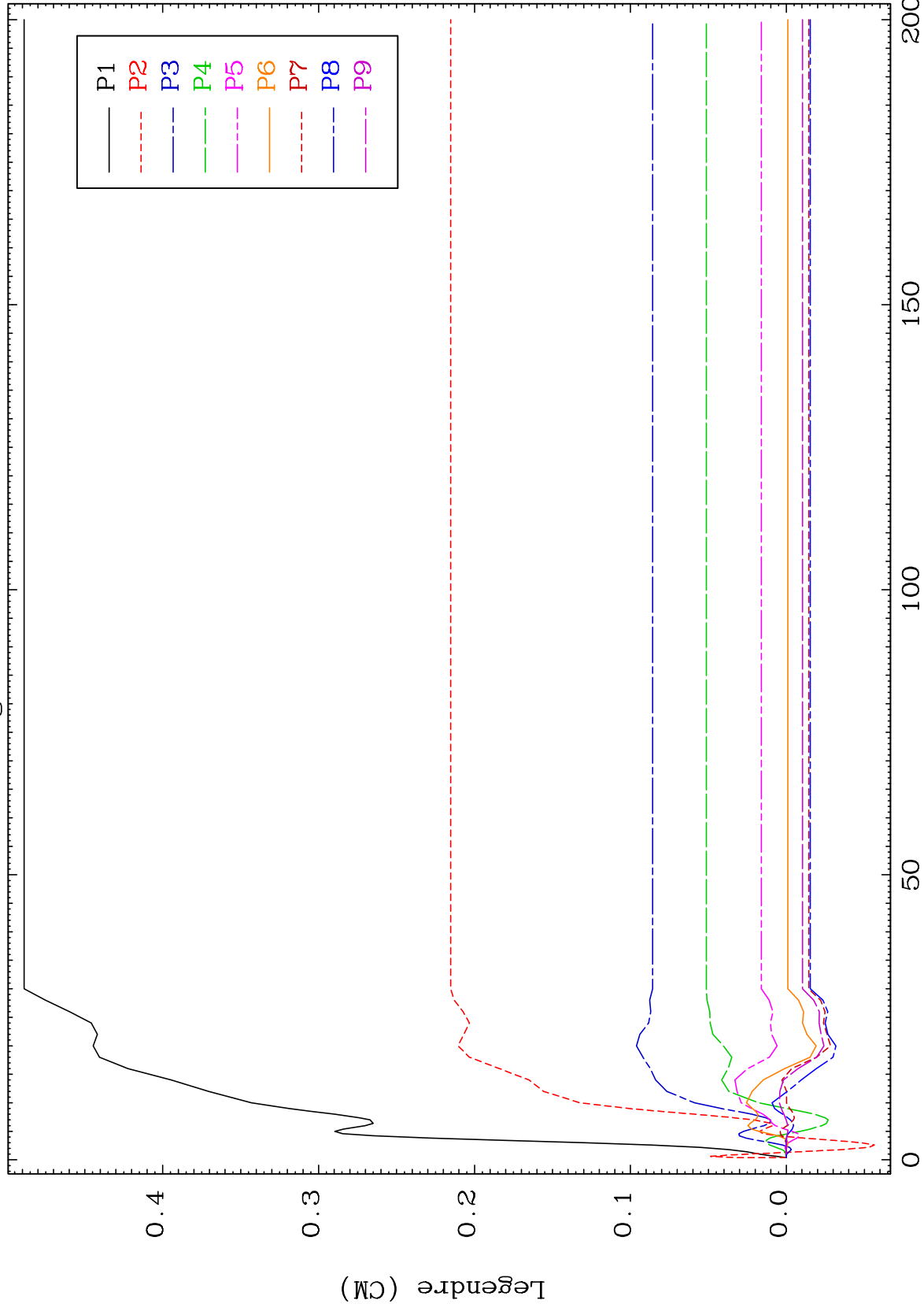
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



83

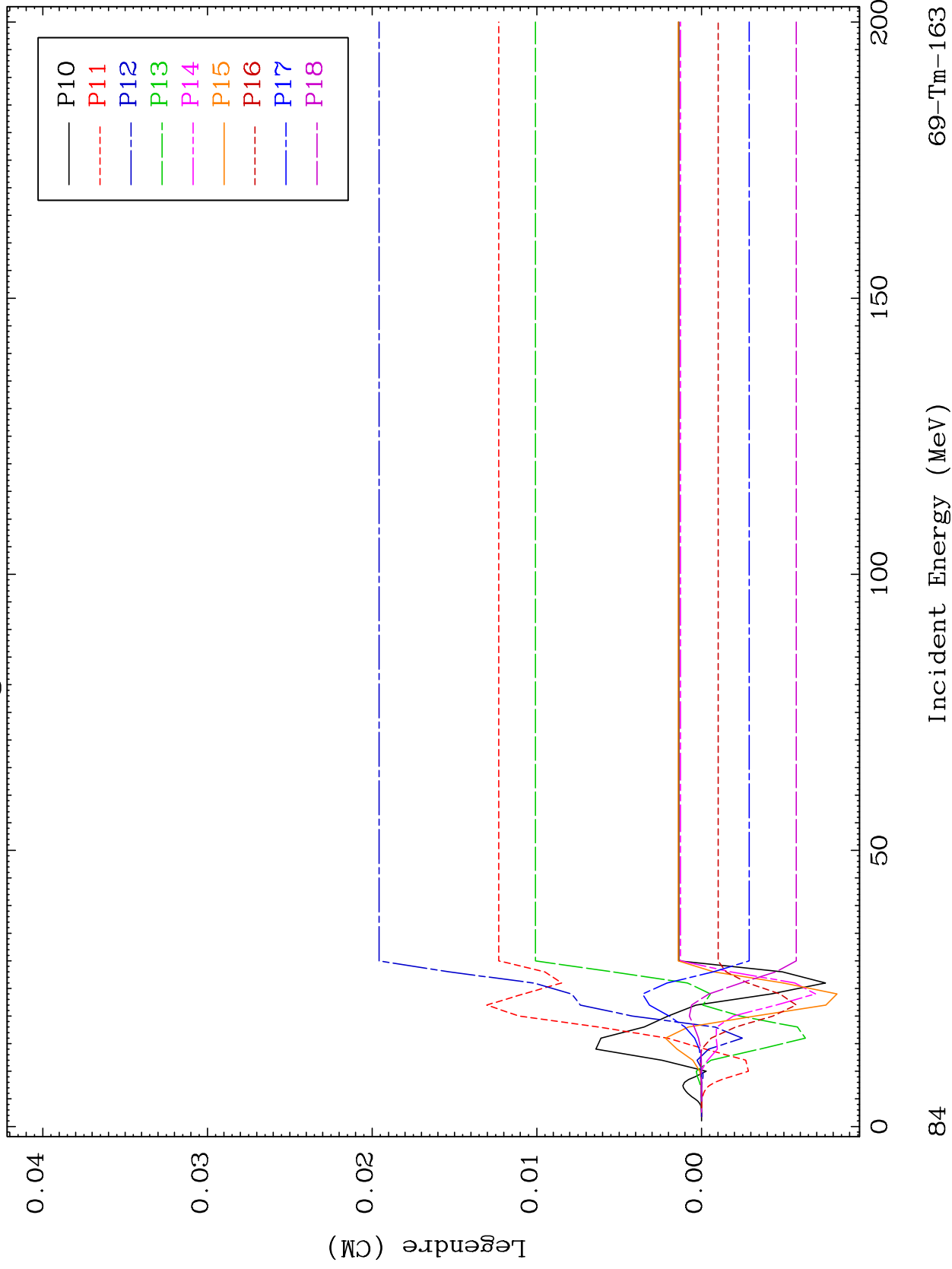
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



84

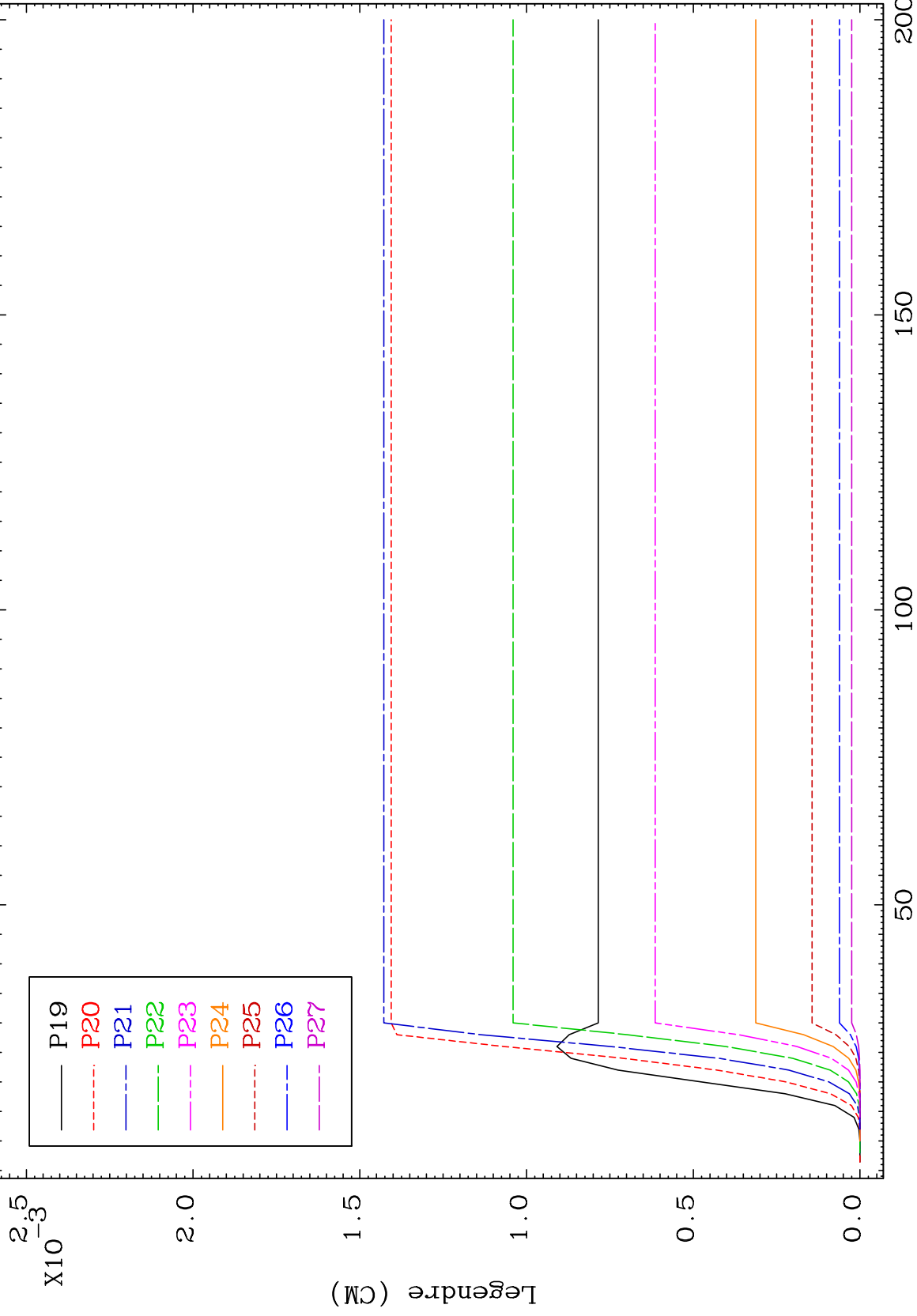
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



85

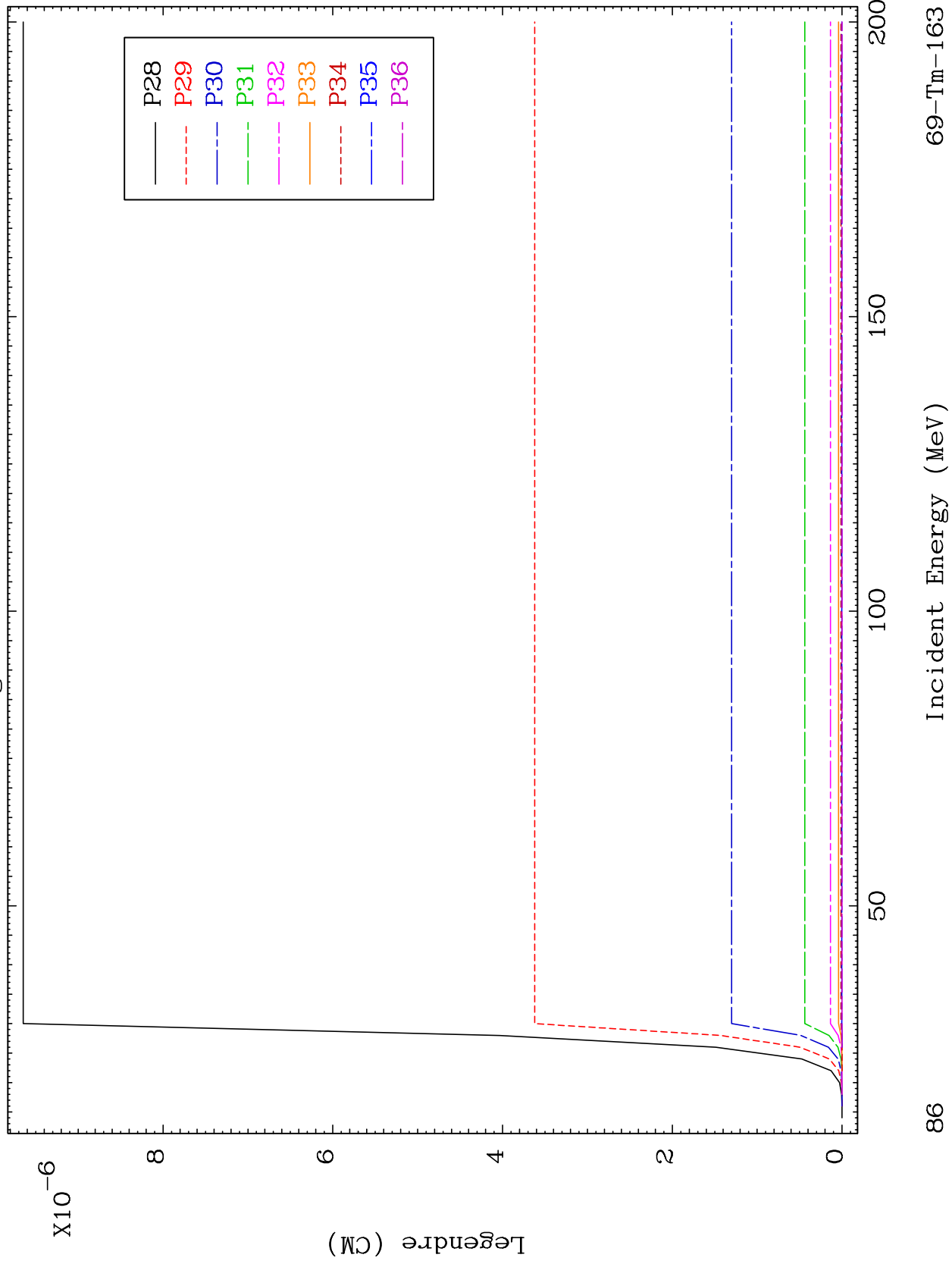
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

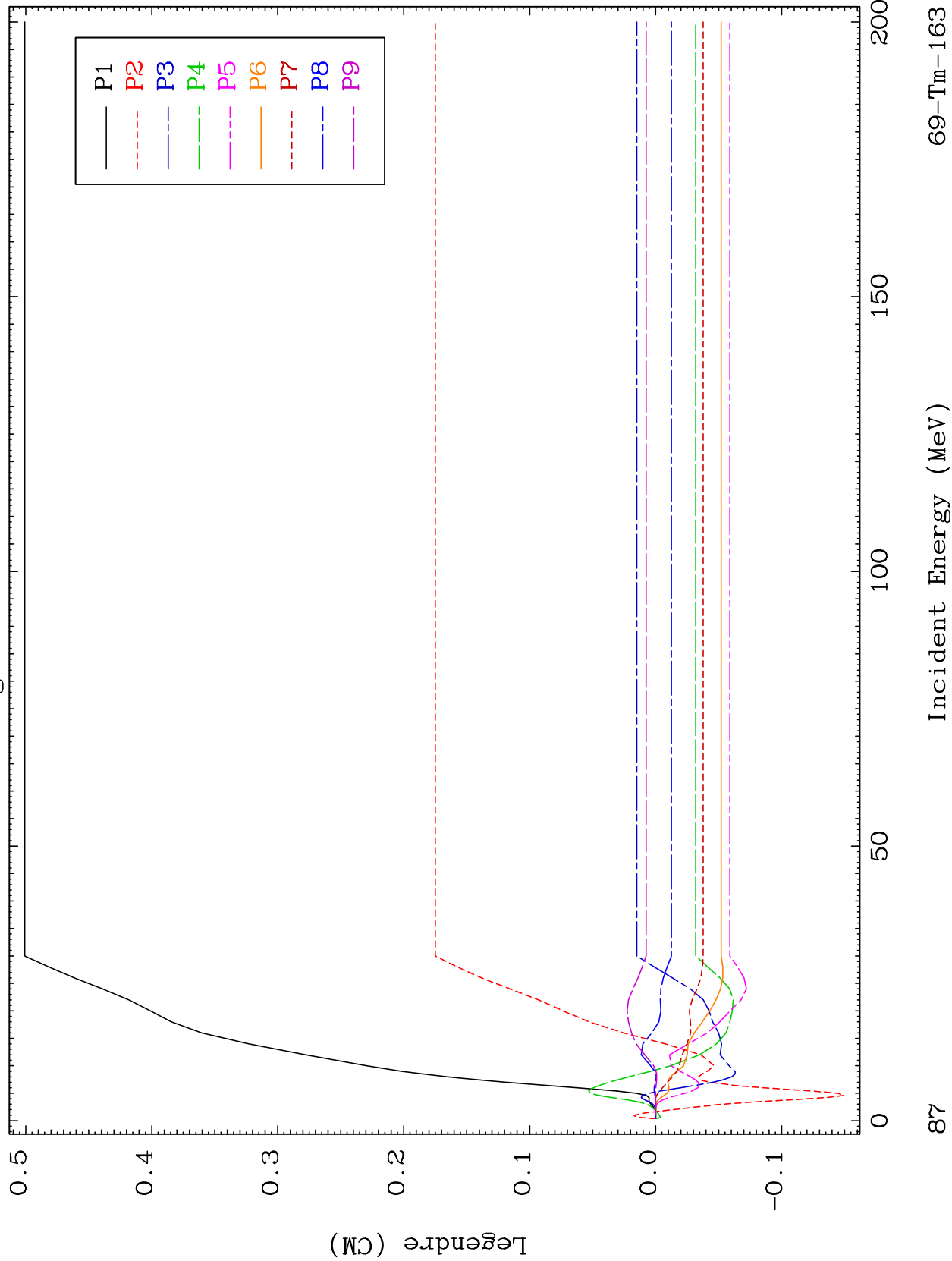
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

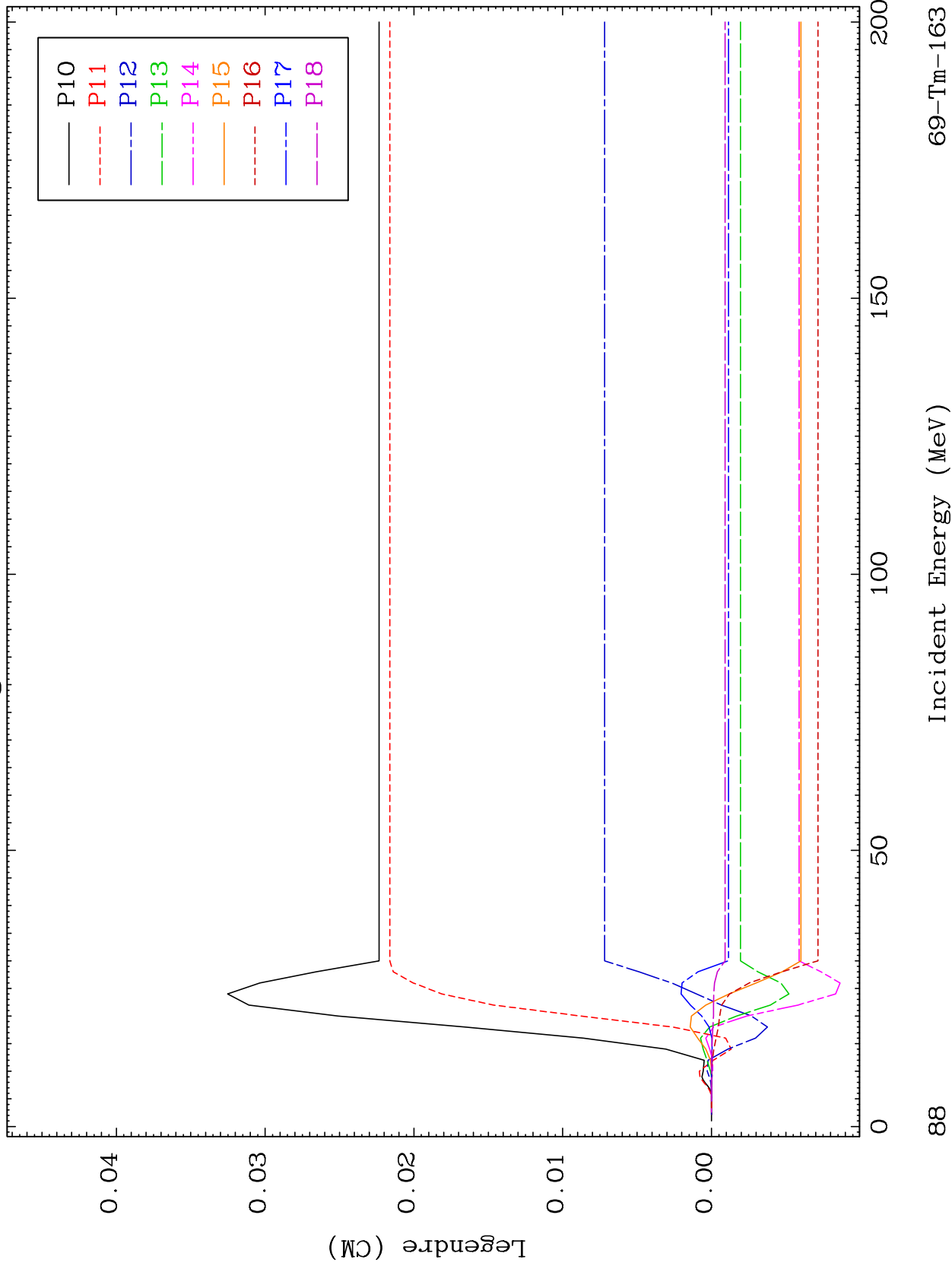
Incident Energy (MeV)

87

MAT 6907

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

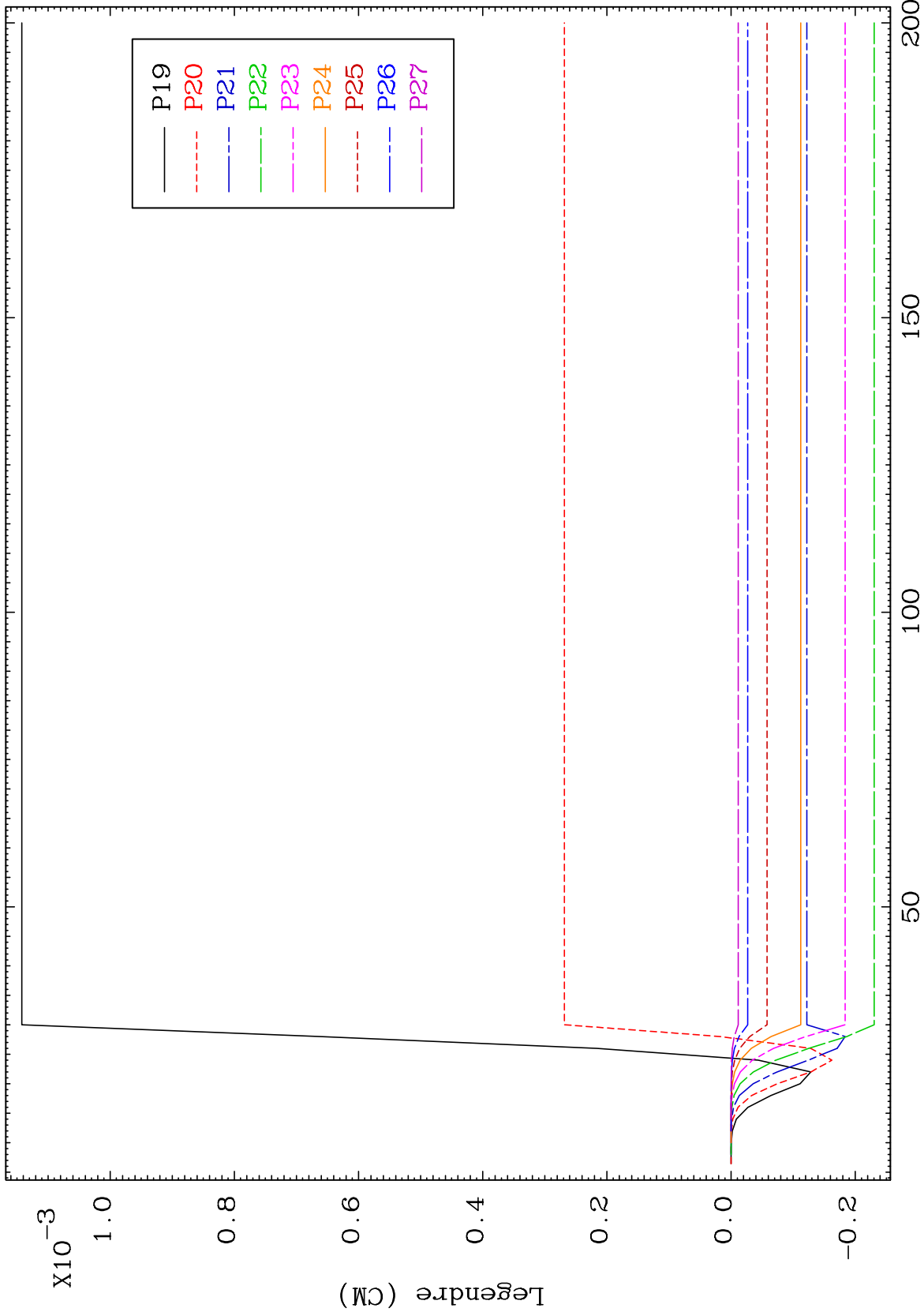
69-Tm-163

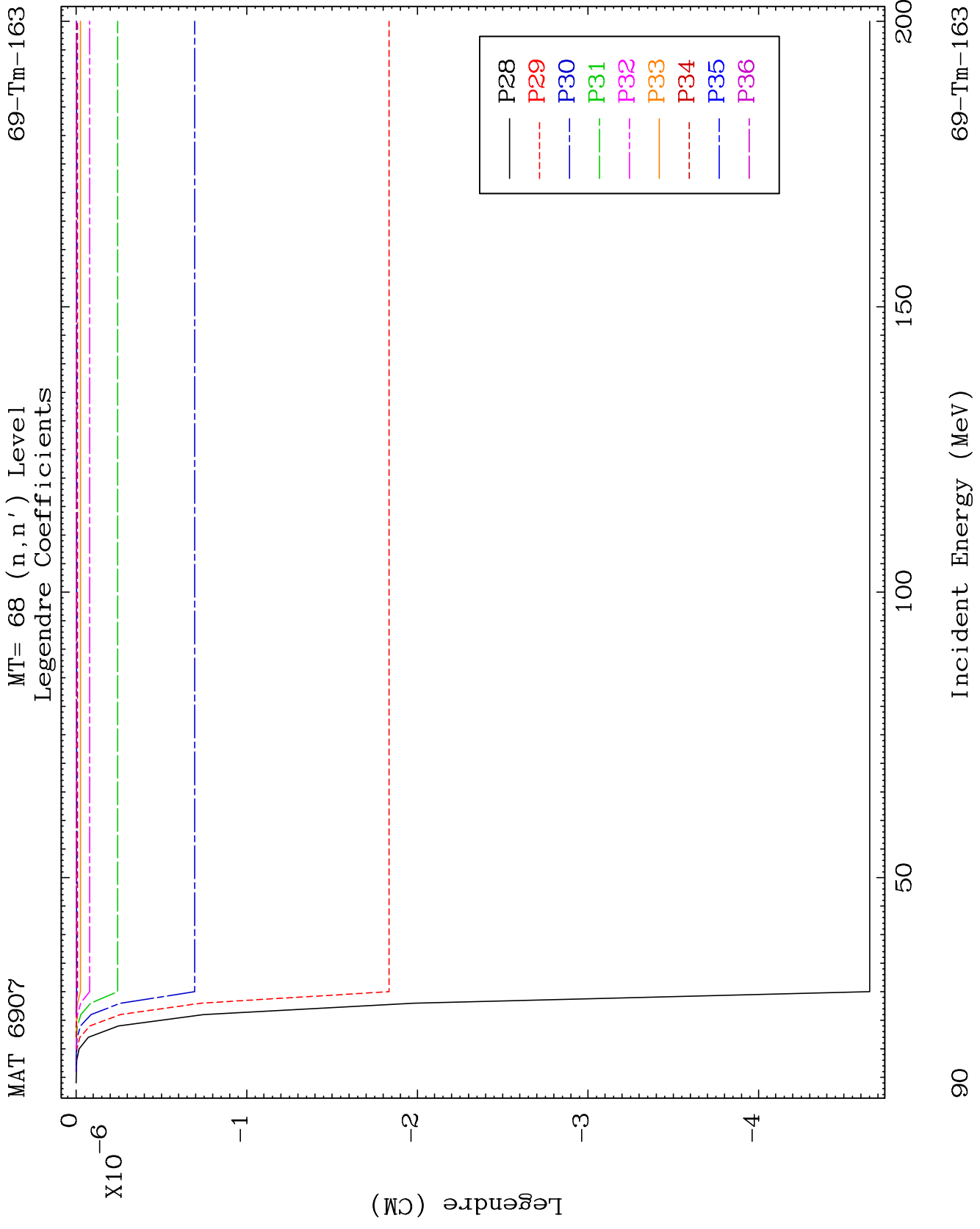


88

Incident Energy (MeV)

69-Tm-163

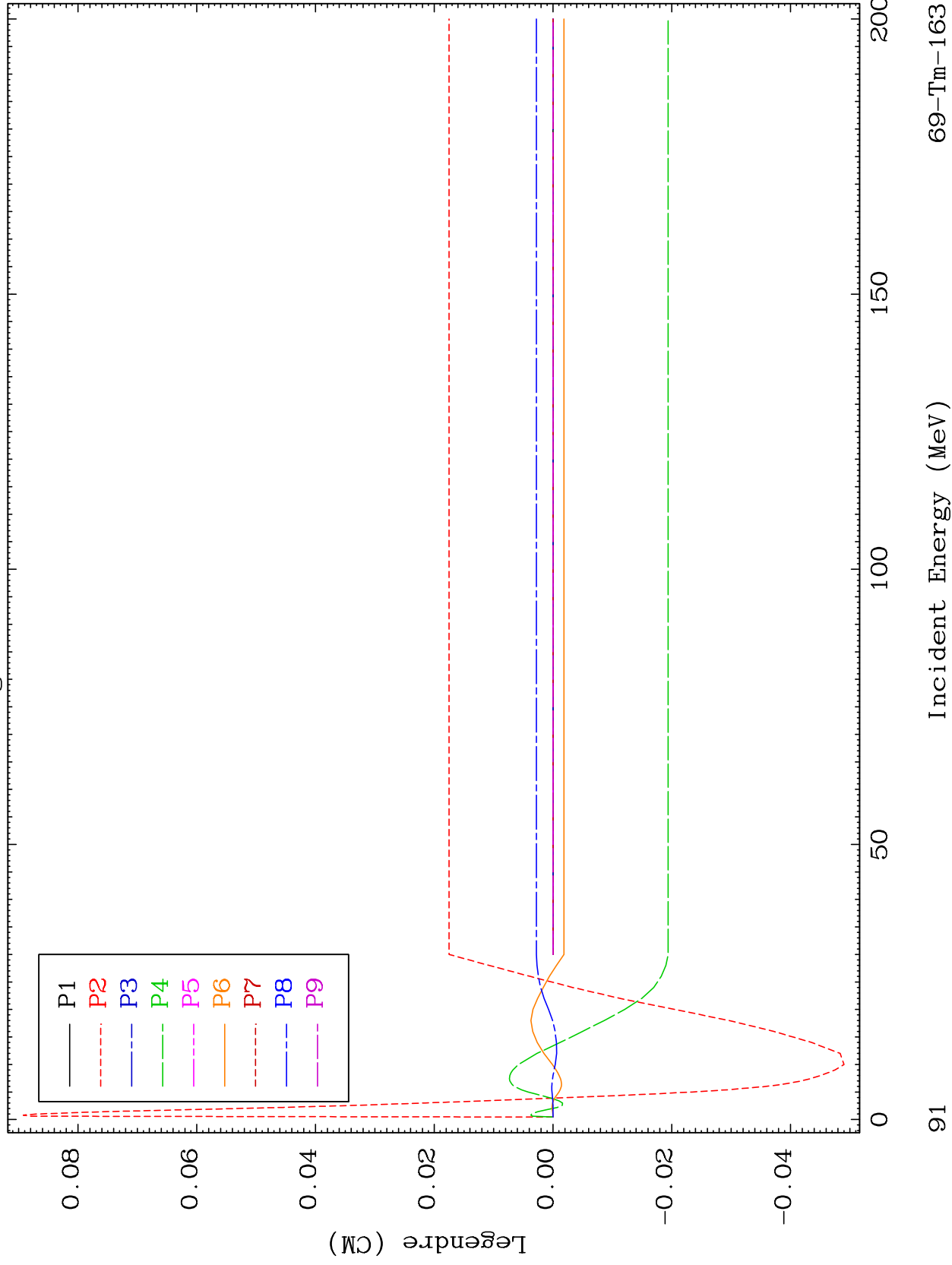




MAT 6907

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

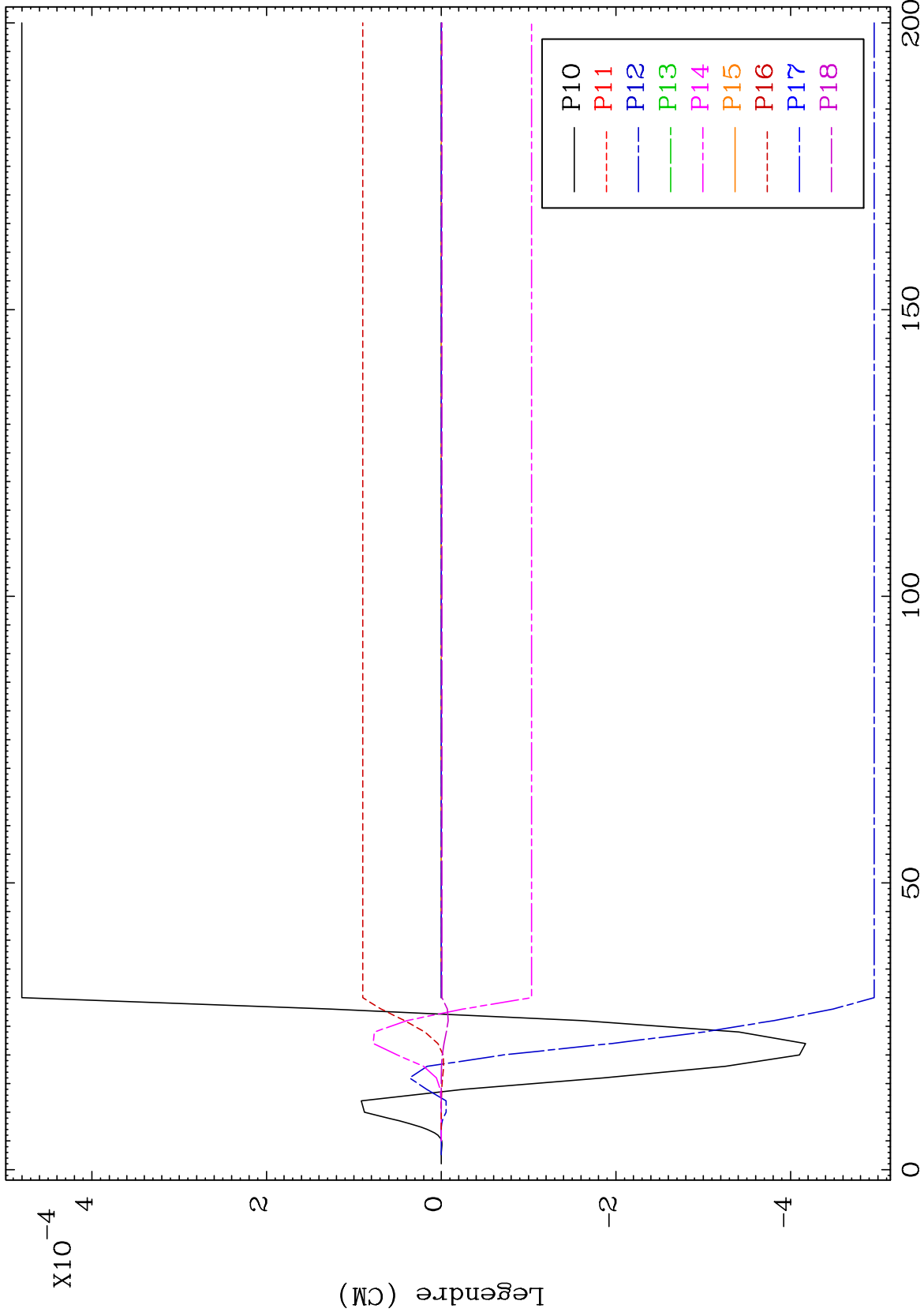
69-Tm-163



MAT 6907

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

69-Tm-163



92

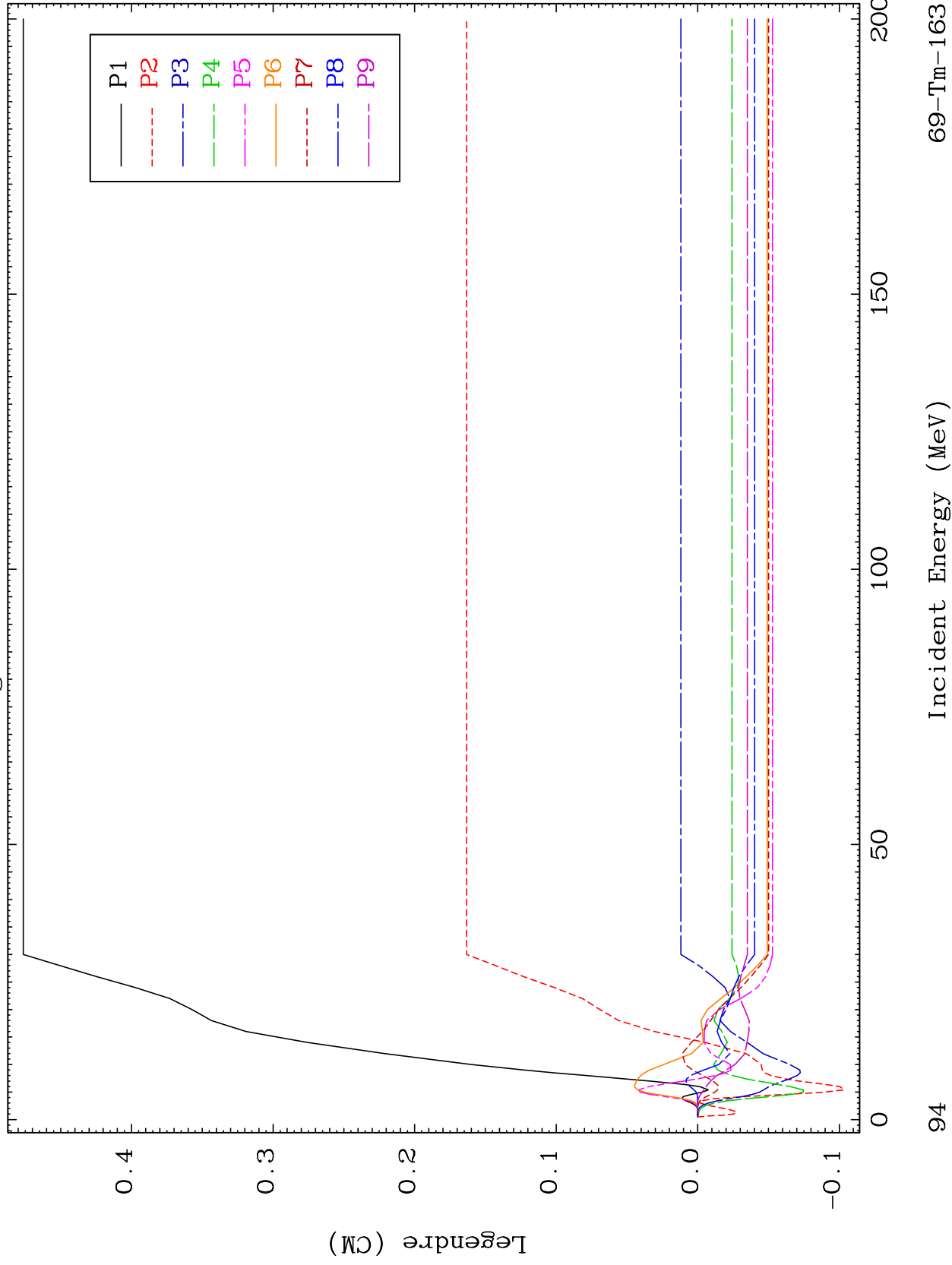
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

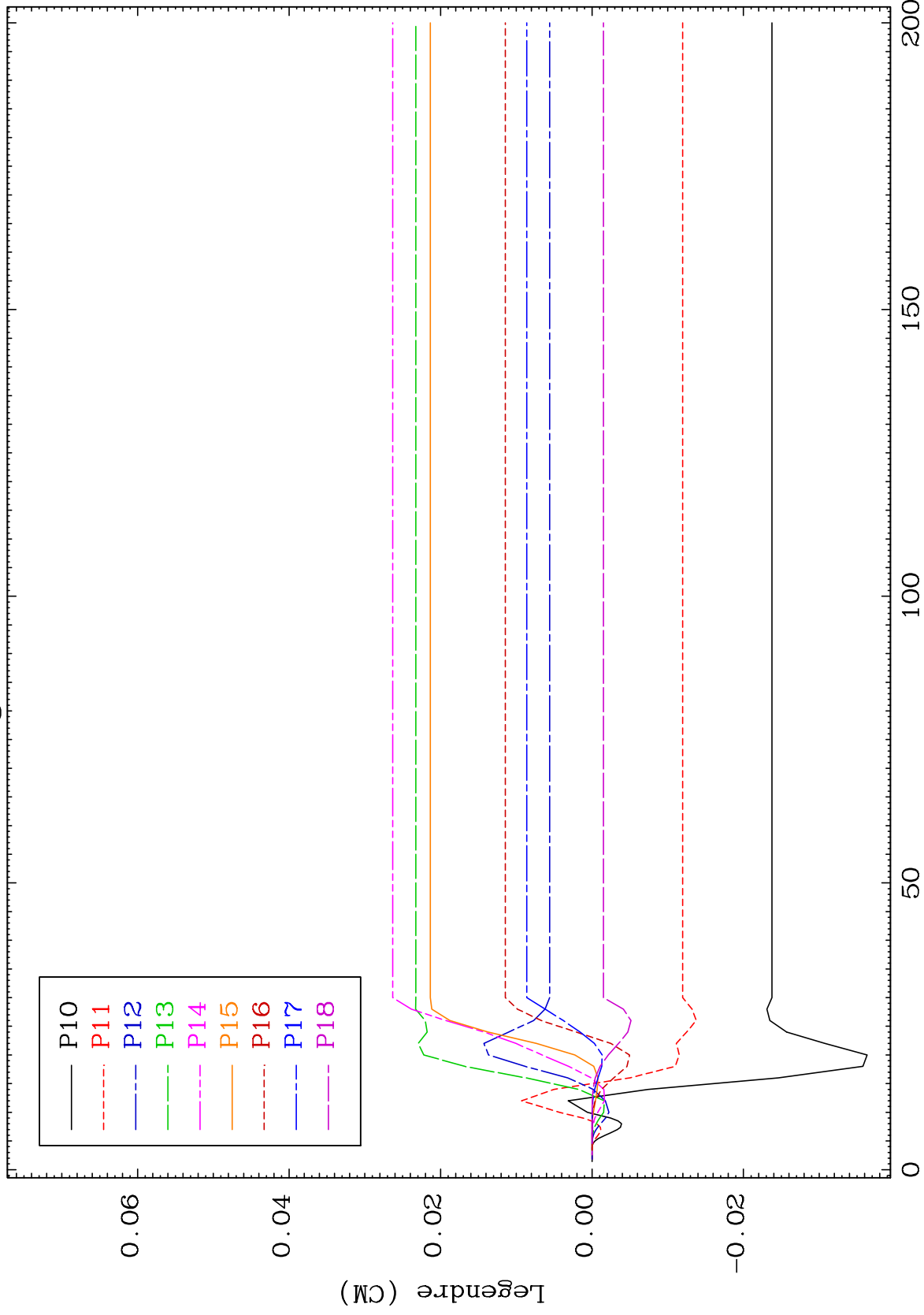
Incident Energy (MeV)

94

MAT 6907

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

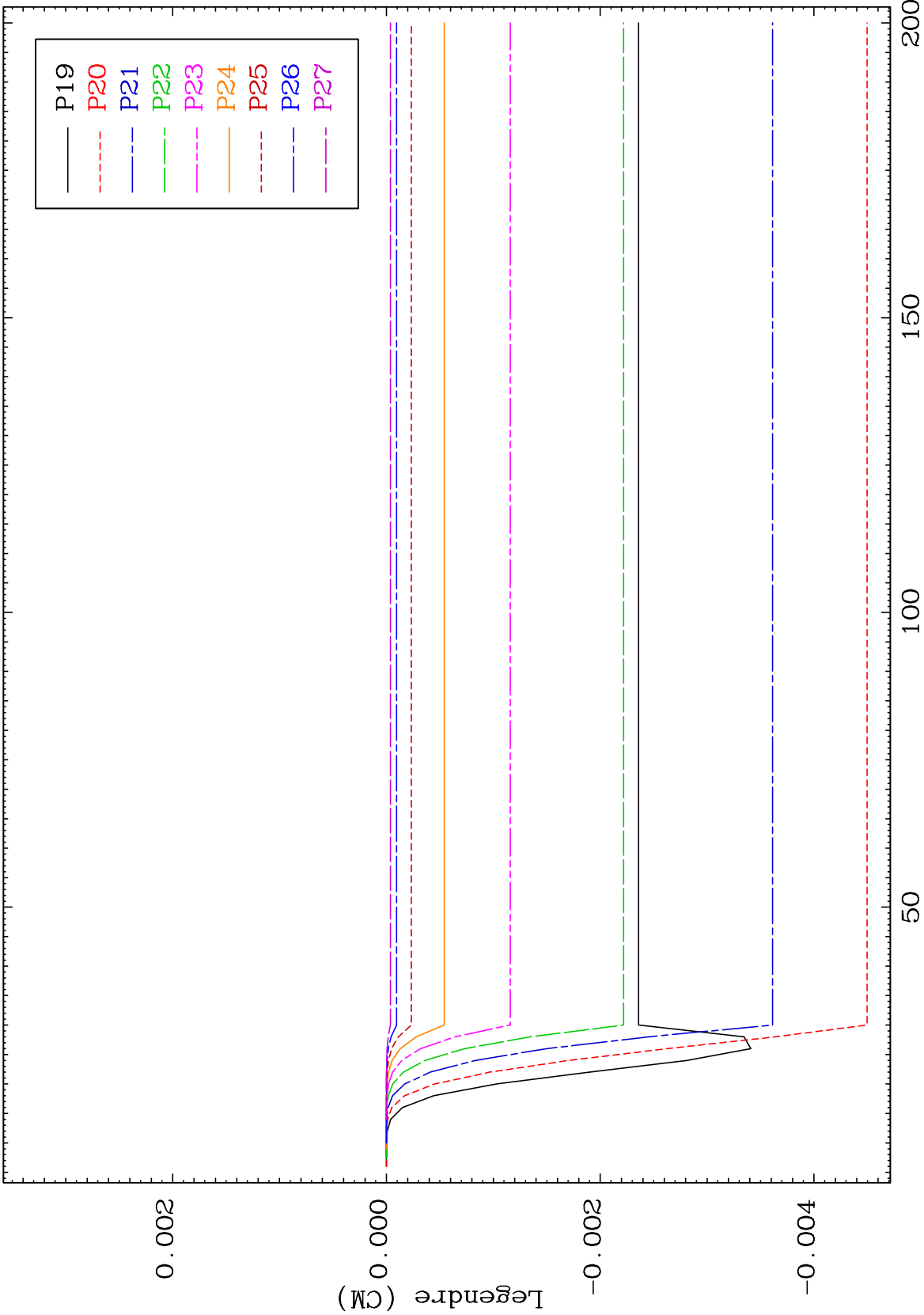
69-Tm-163



95

Incident Energy (MeV)

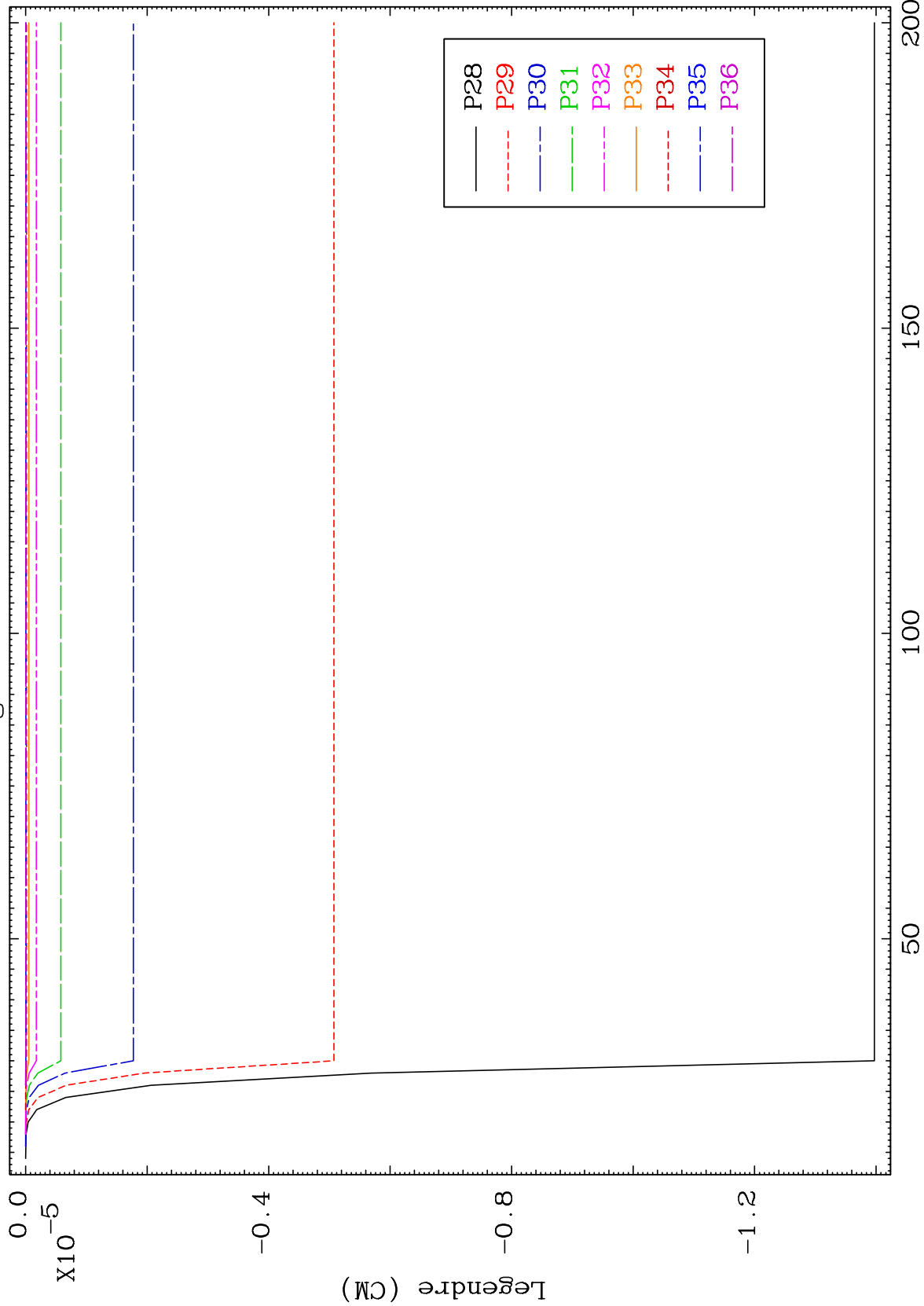
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

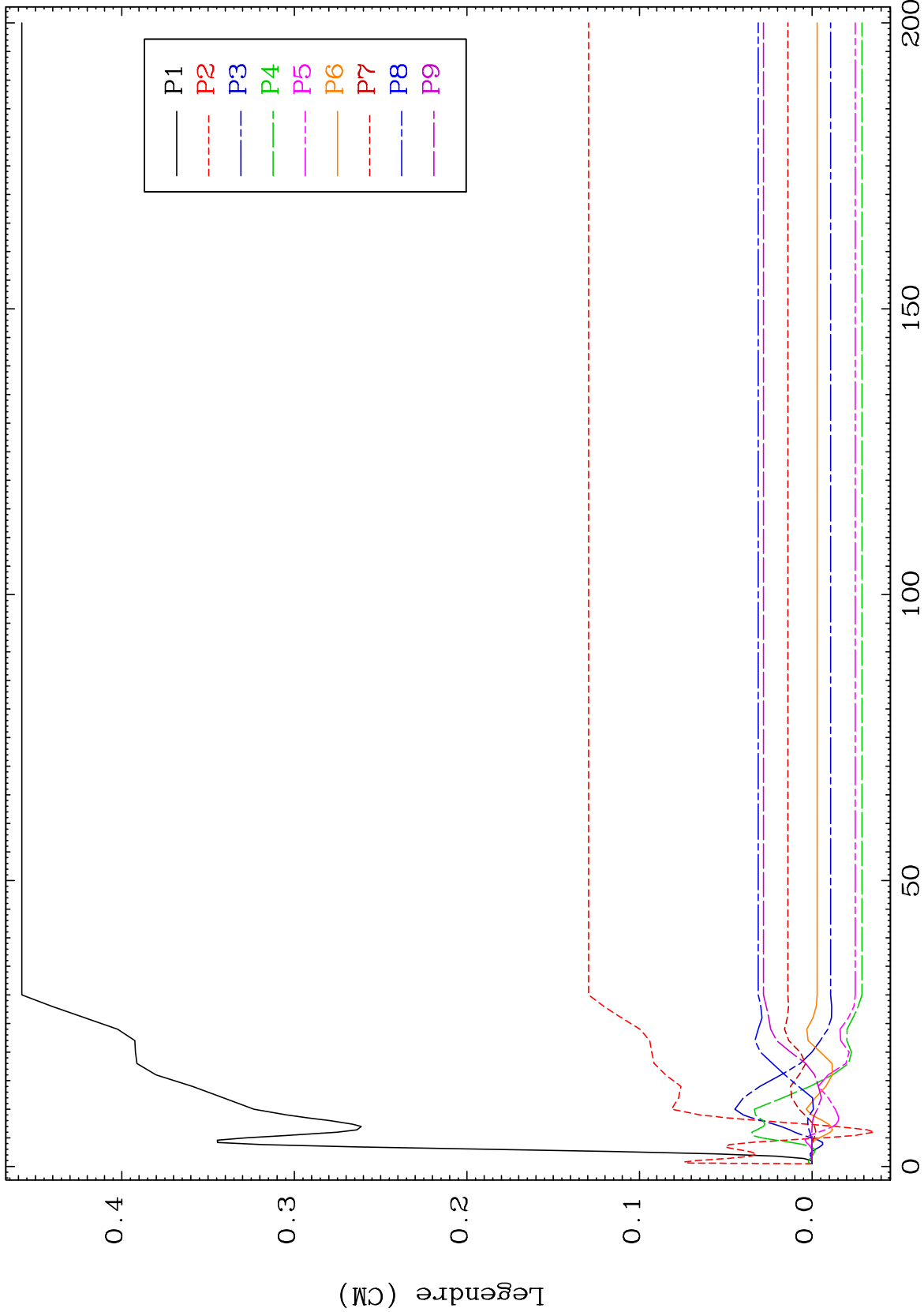
Incident Energy (MeV)

97

MAT 6907

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

69-Tm-163



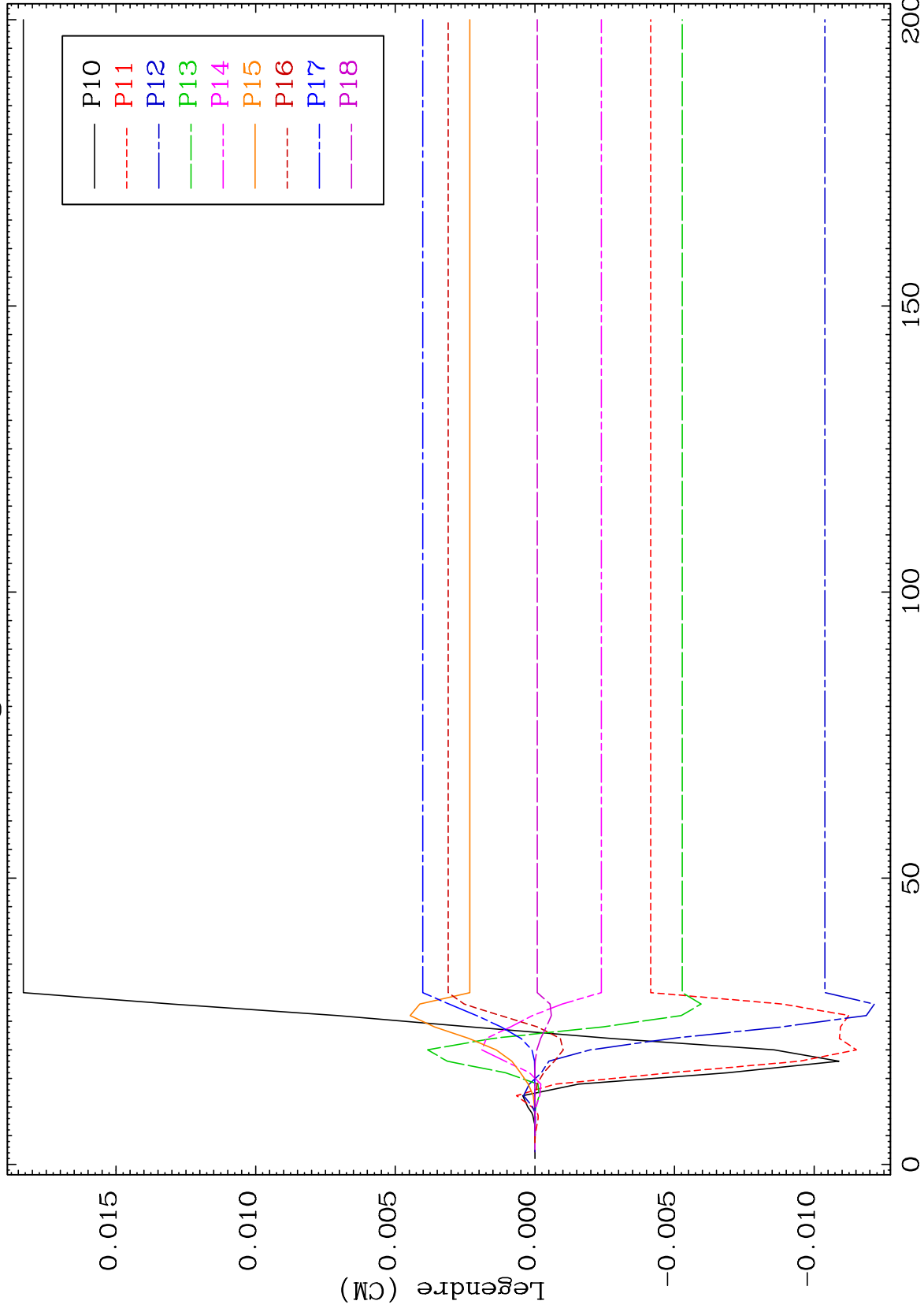
98

69-Tm-163

MAT 6907

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

69-Tm-163



99

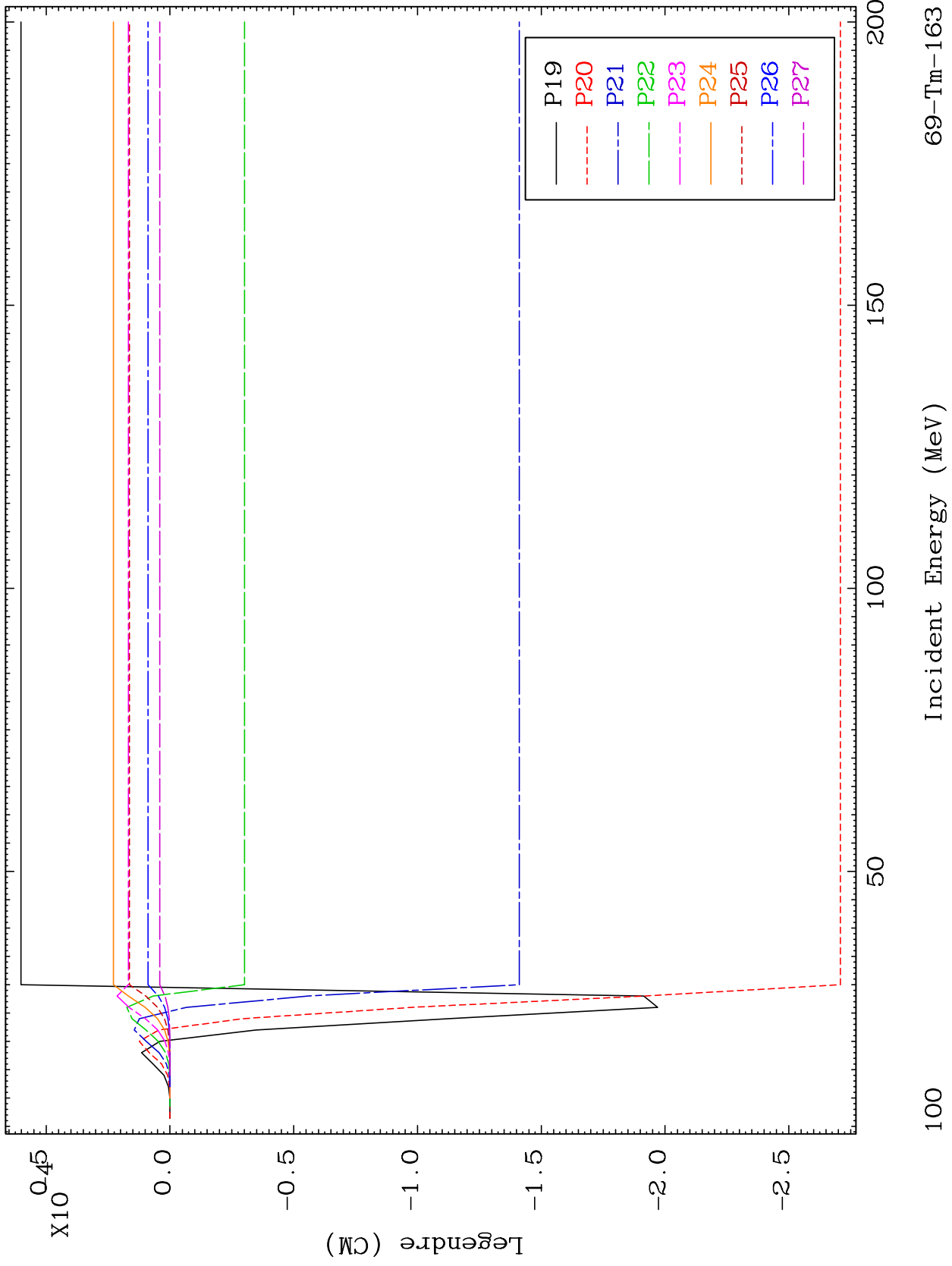
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

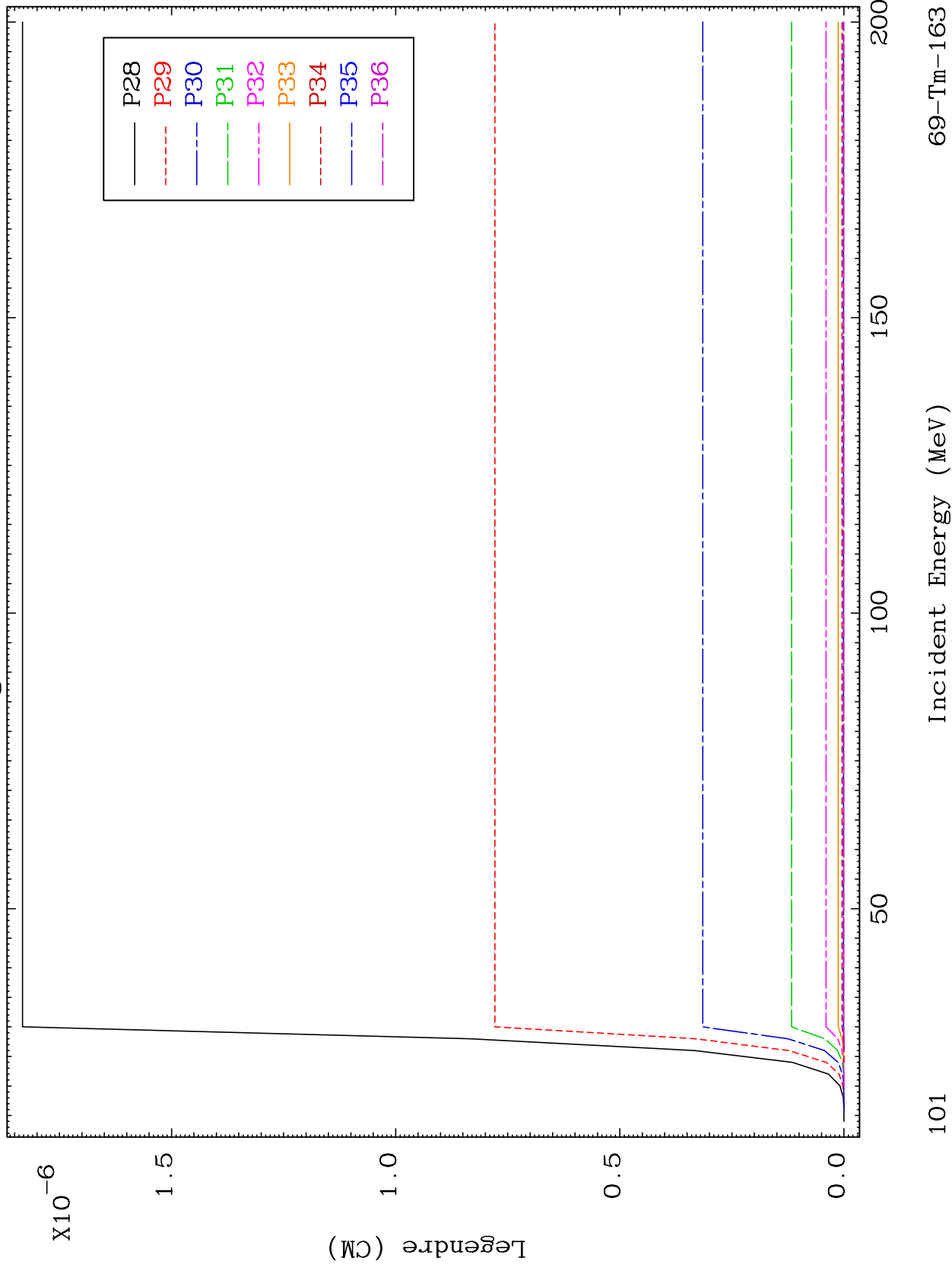
69-Tm-163



MAT 6907

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

69-Tm-163



101

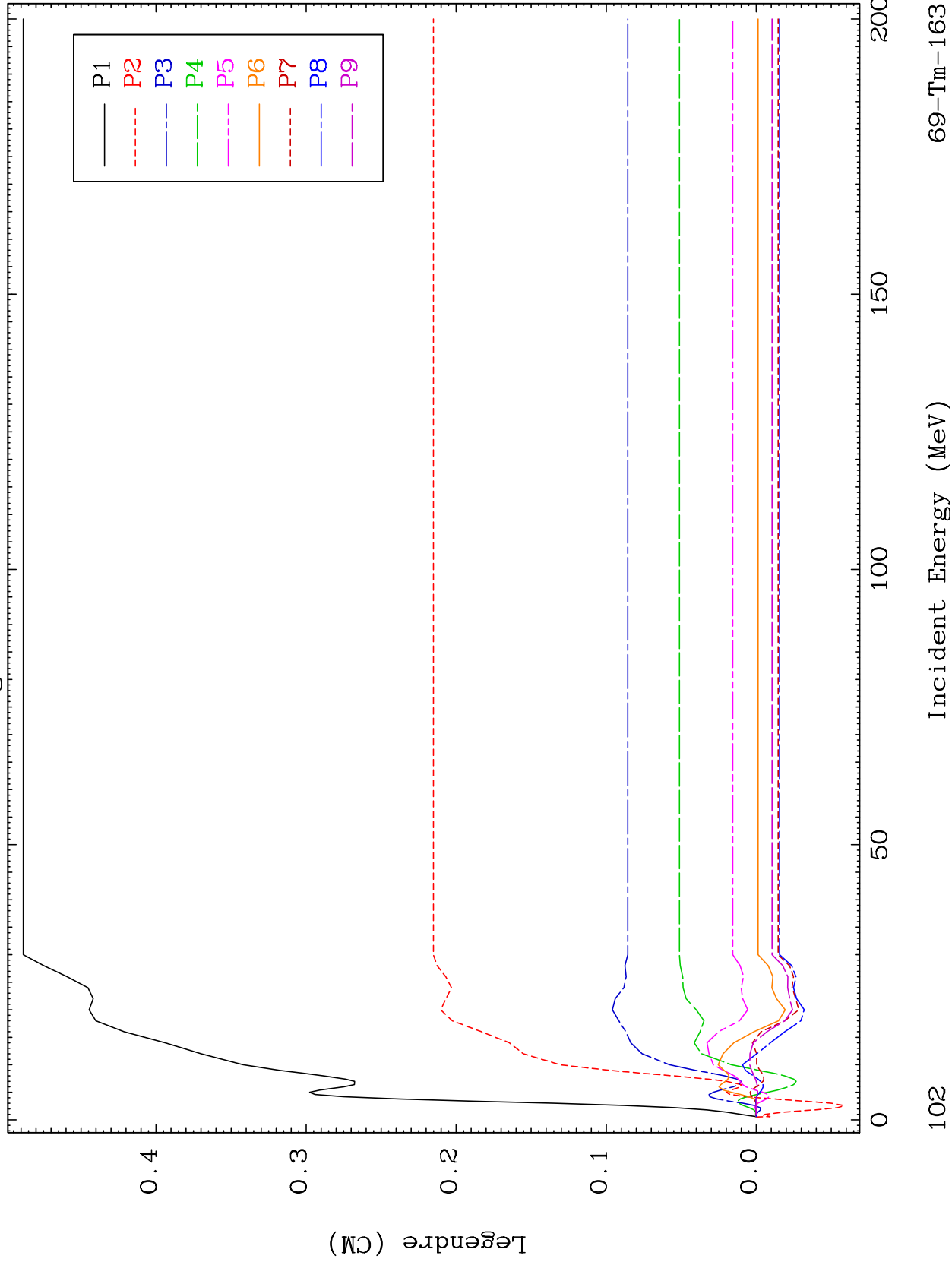
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

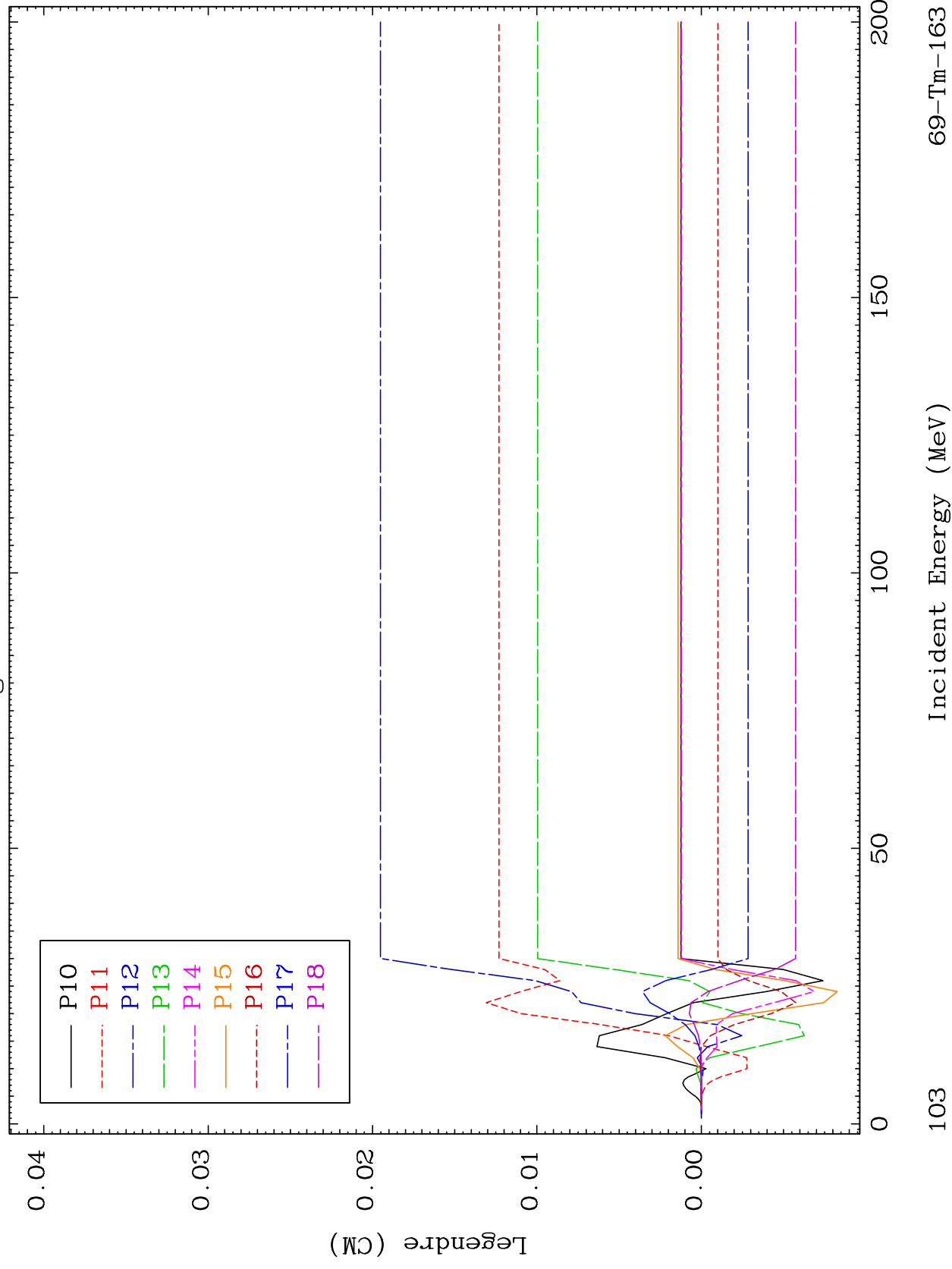
Incident Energy (MeV)

102

MAT 6907

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

69-Tm-163



103

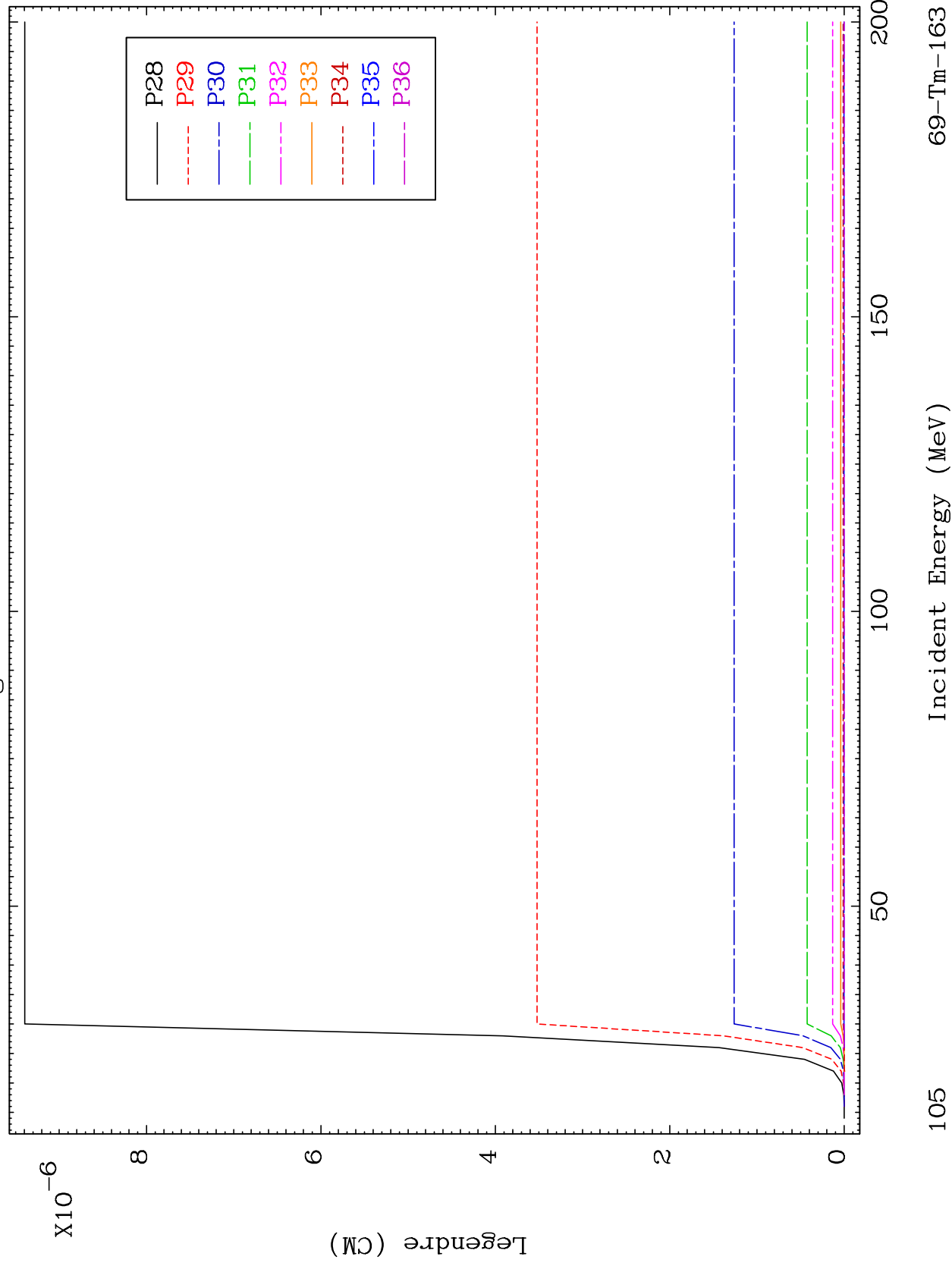
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



105

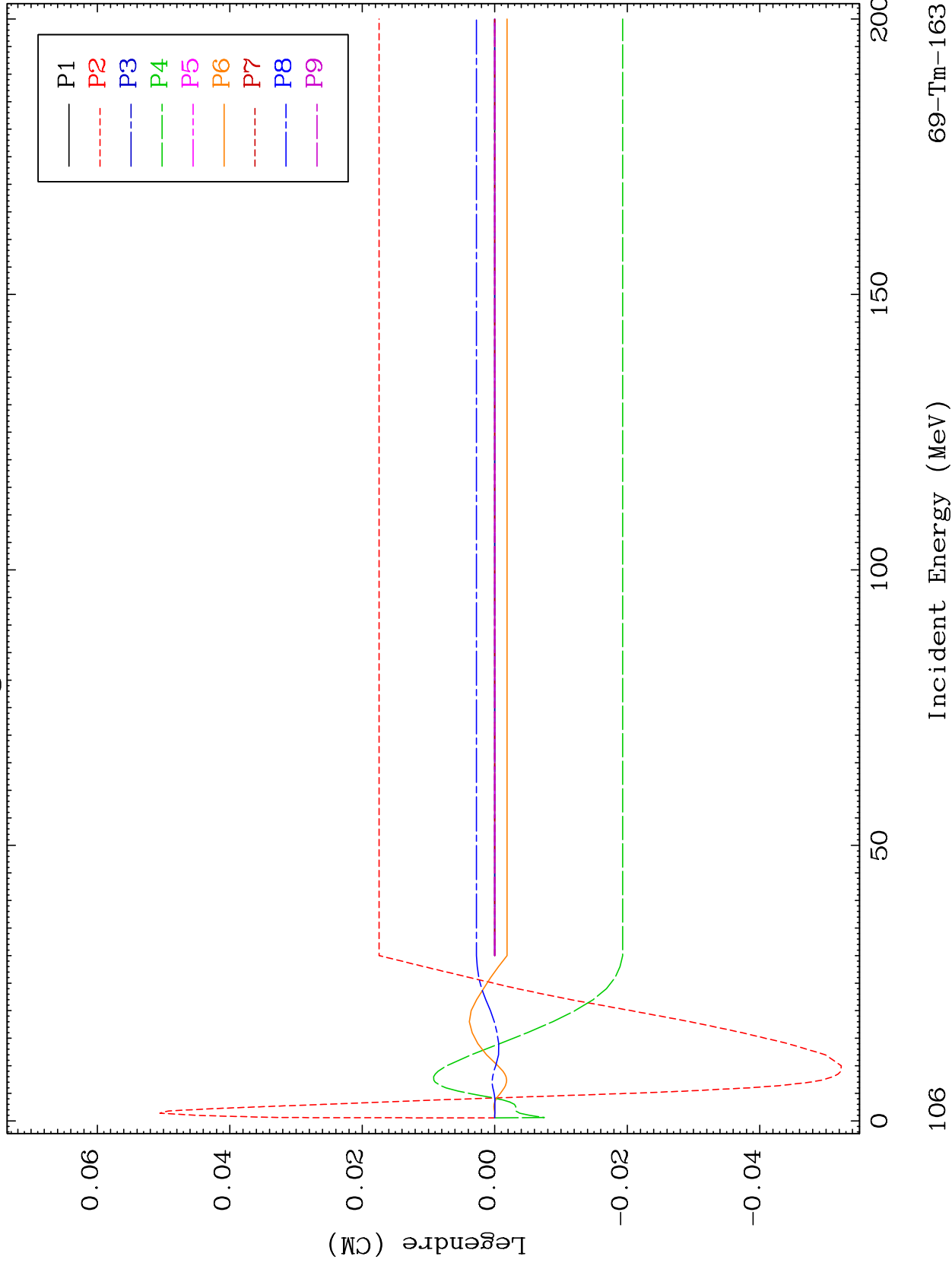
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

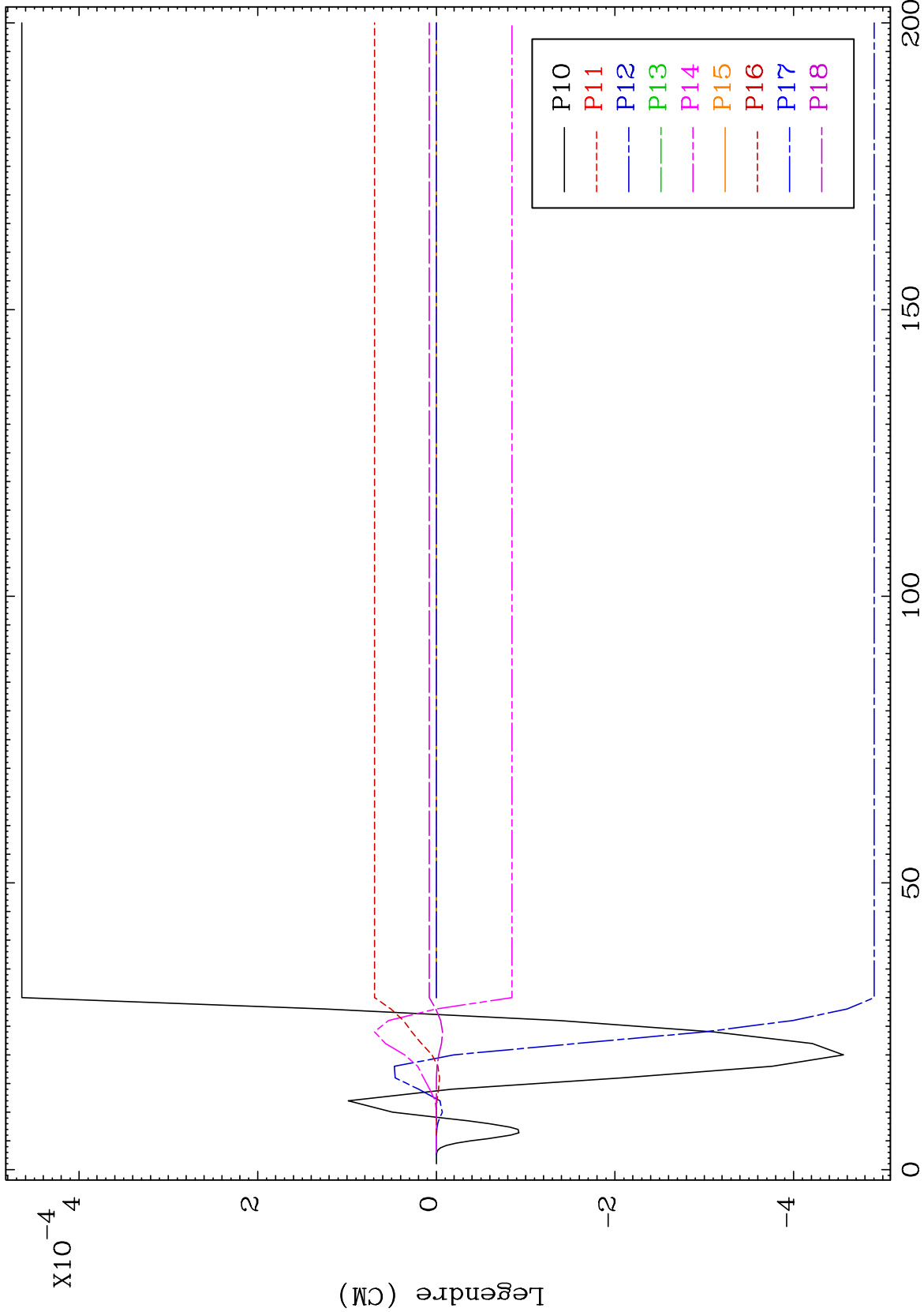
Incident Energy (MeV)

106

MAT 6907

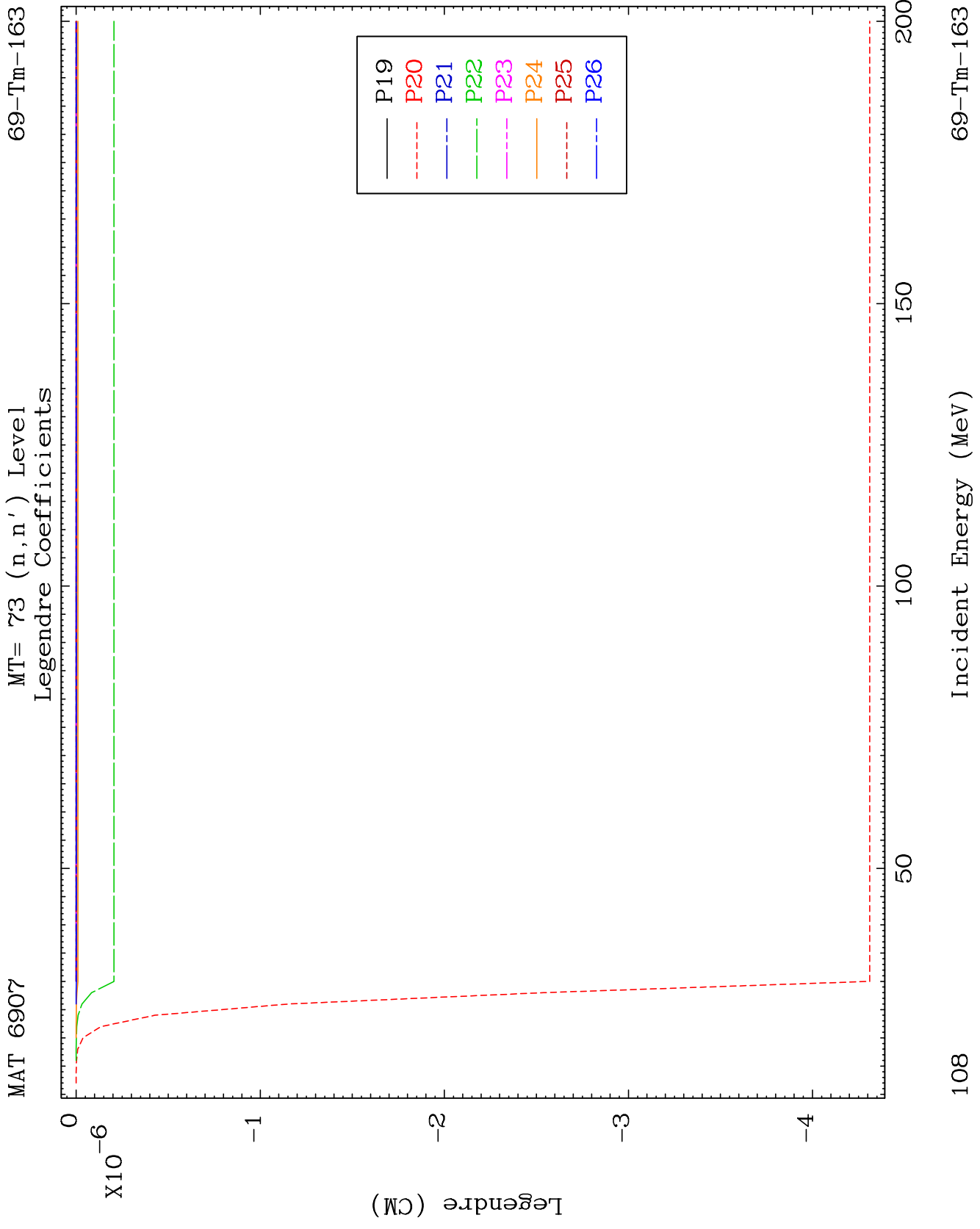
MT= 73 (n,n') Level
Legendre Coefficients

69-Tm-163



107

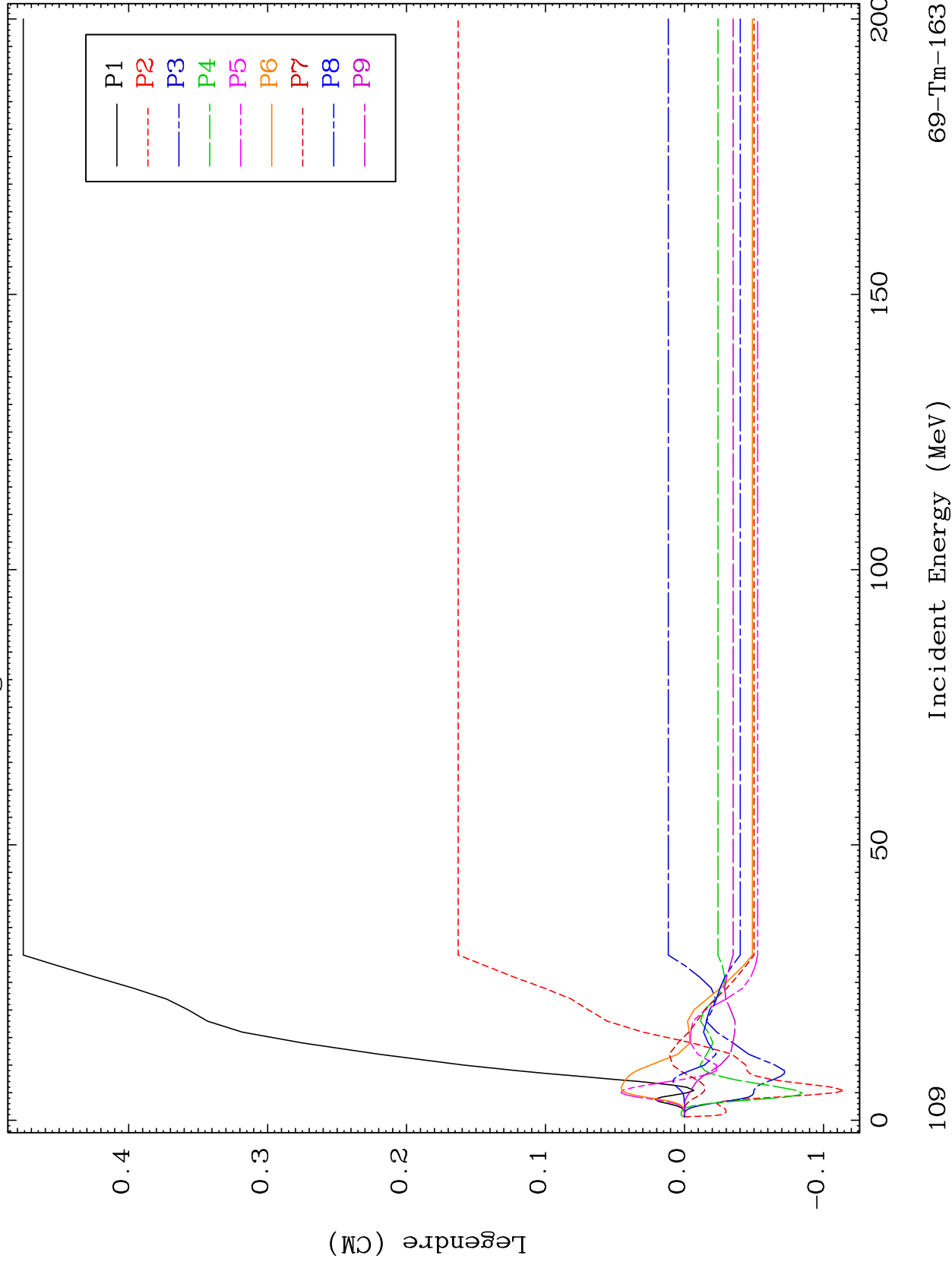
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

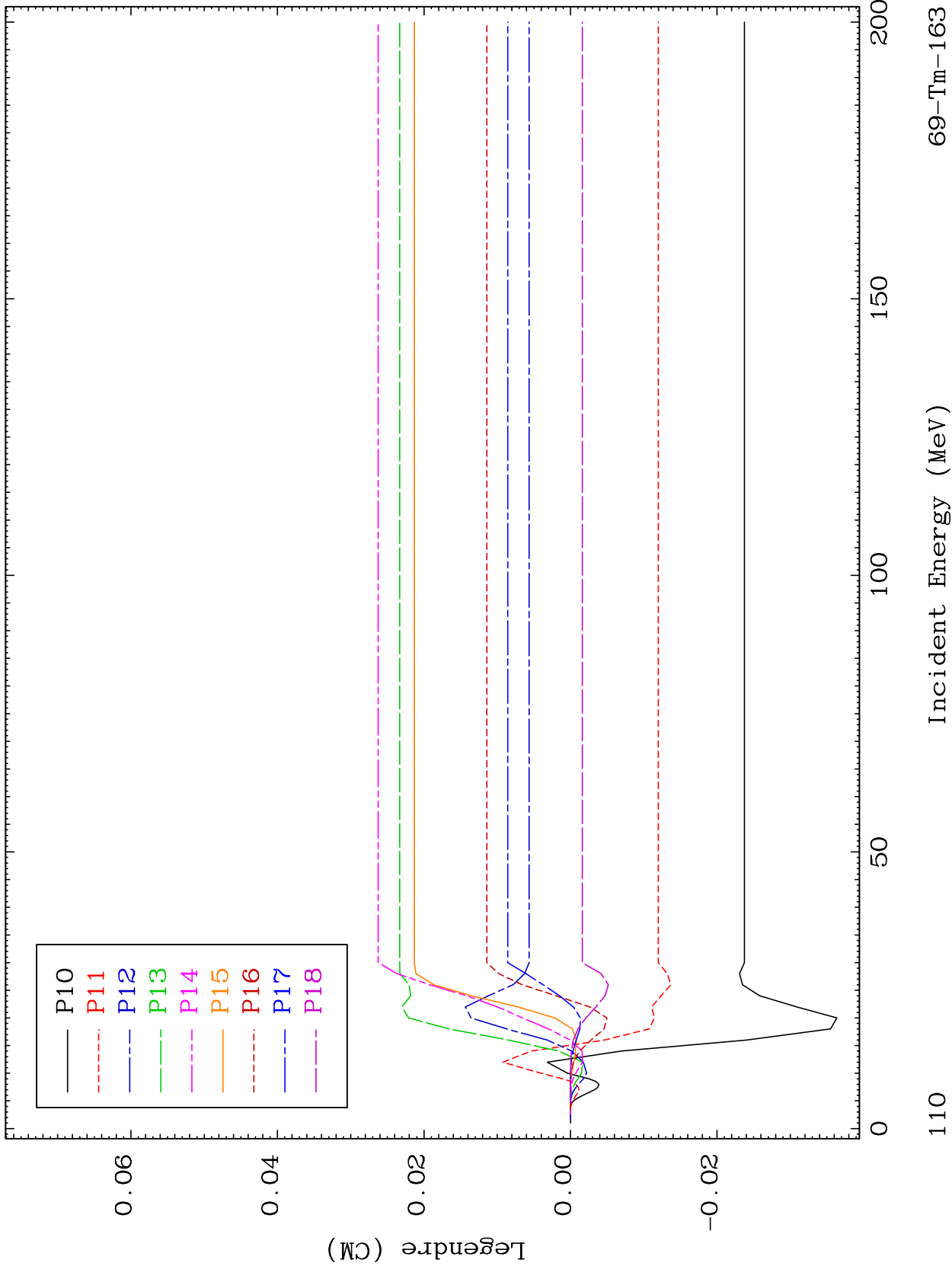
Incident Energy (MeV)

109

MAT 6907

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

69-Tm-163



110

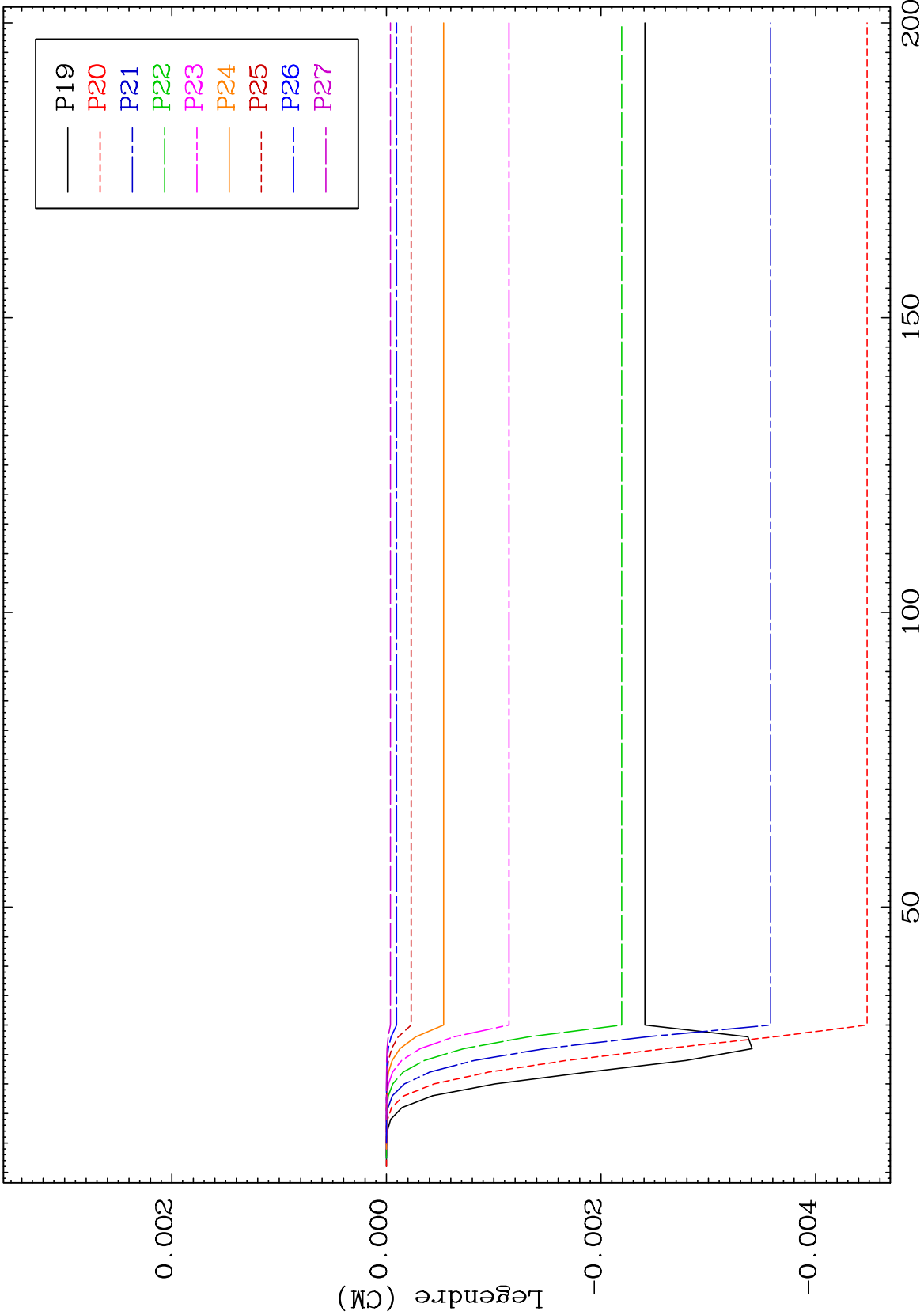
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

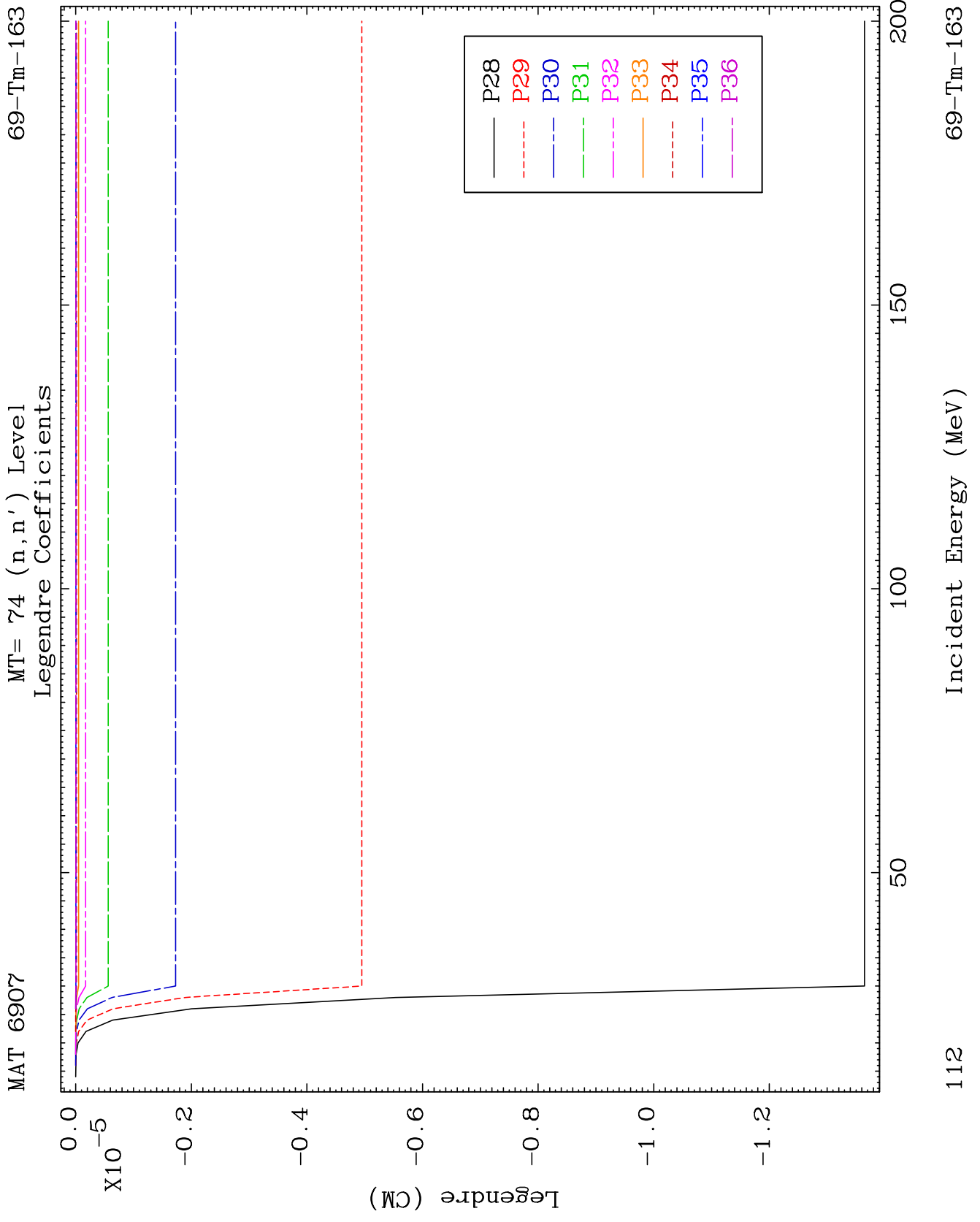
69-Tm-163



111

Incident Energy (MeV)

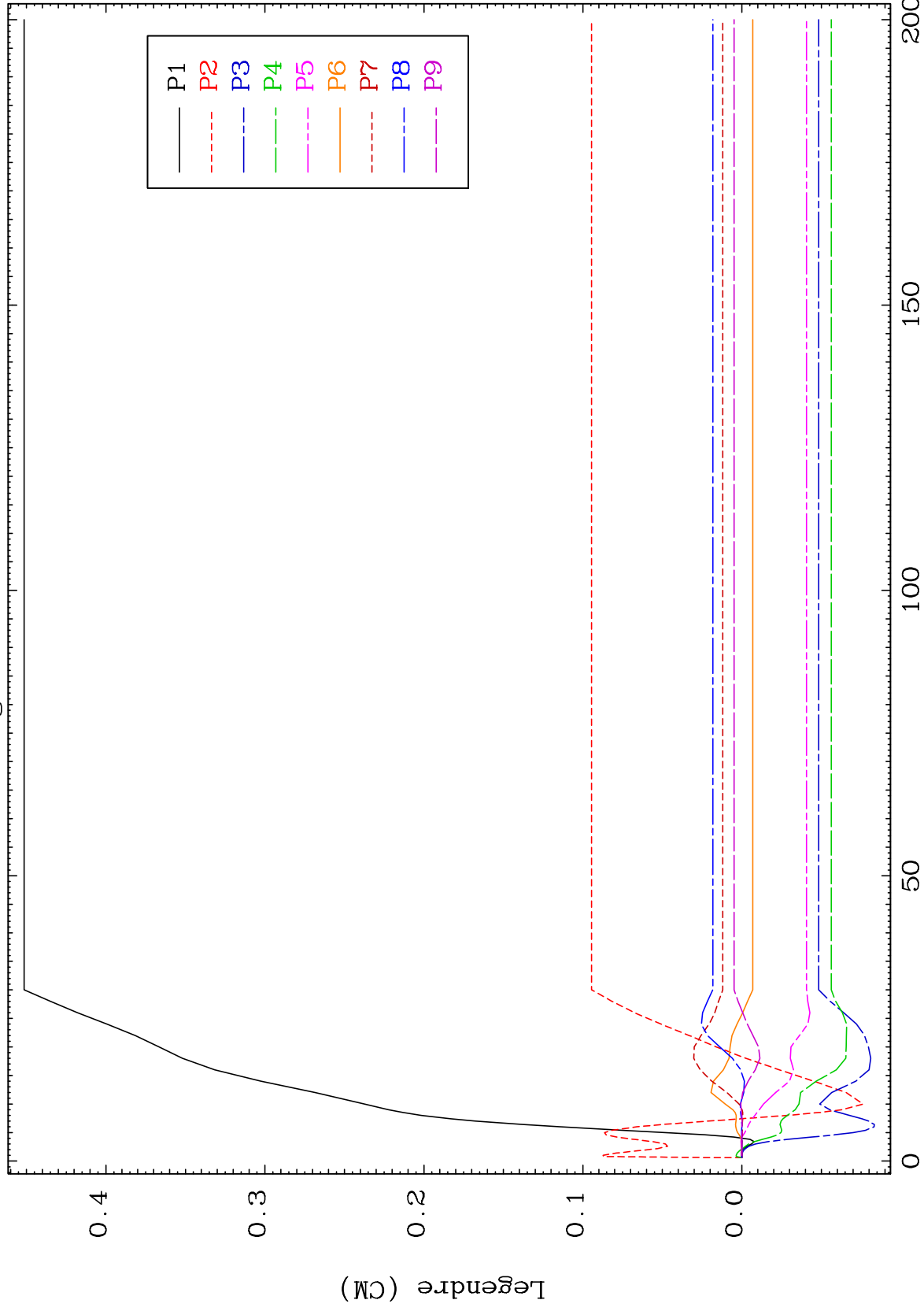
69-Tm-163



MAT 6907

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

69-Tm-163



113

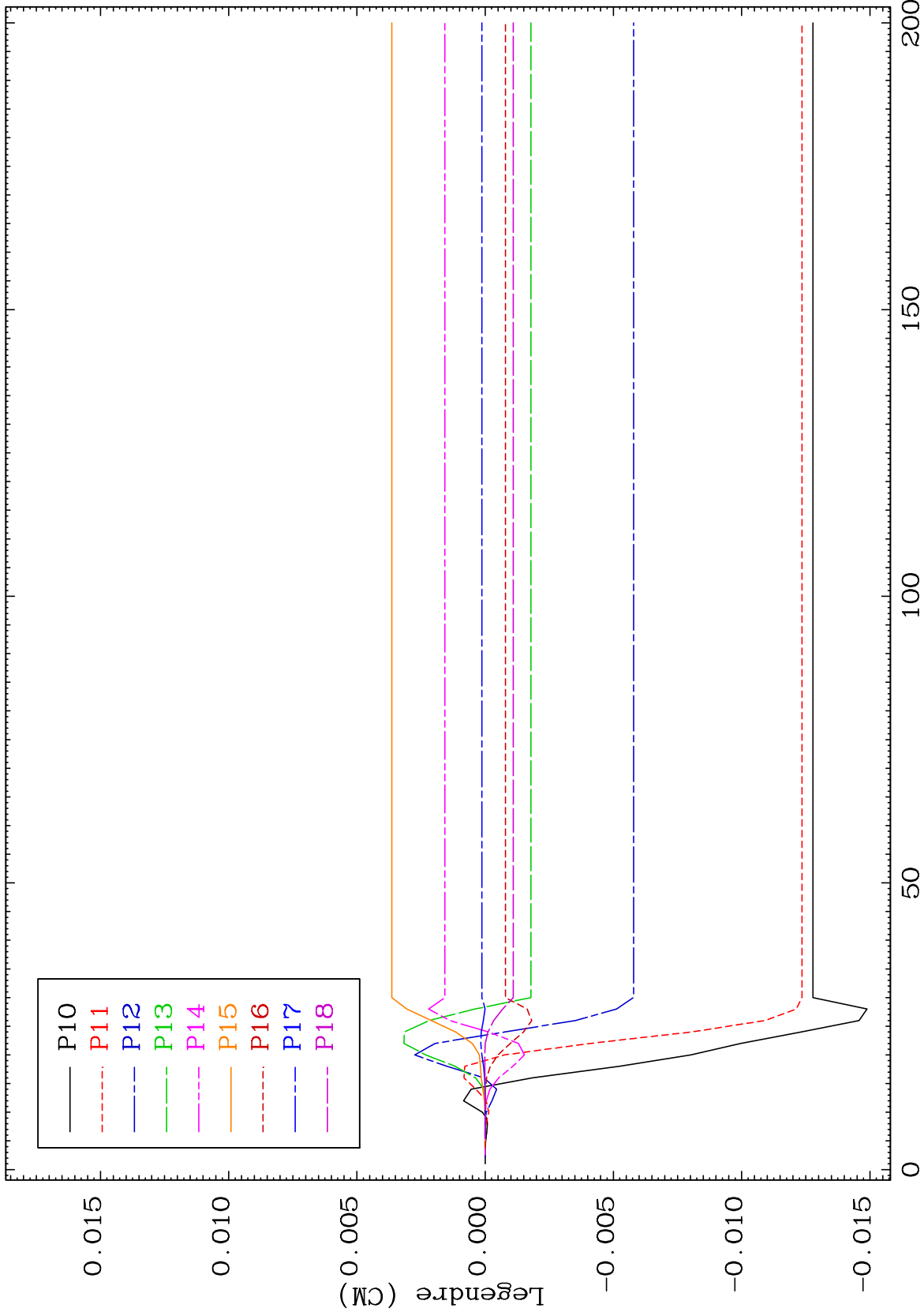
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



114

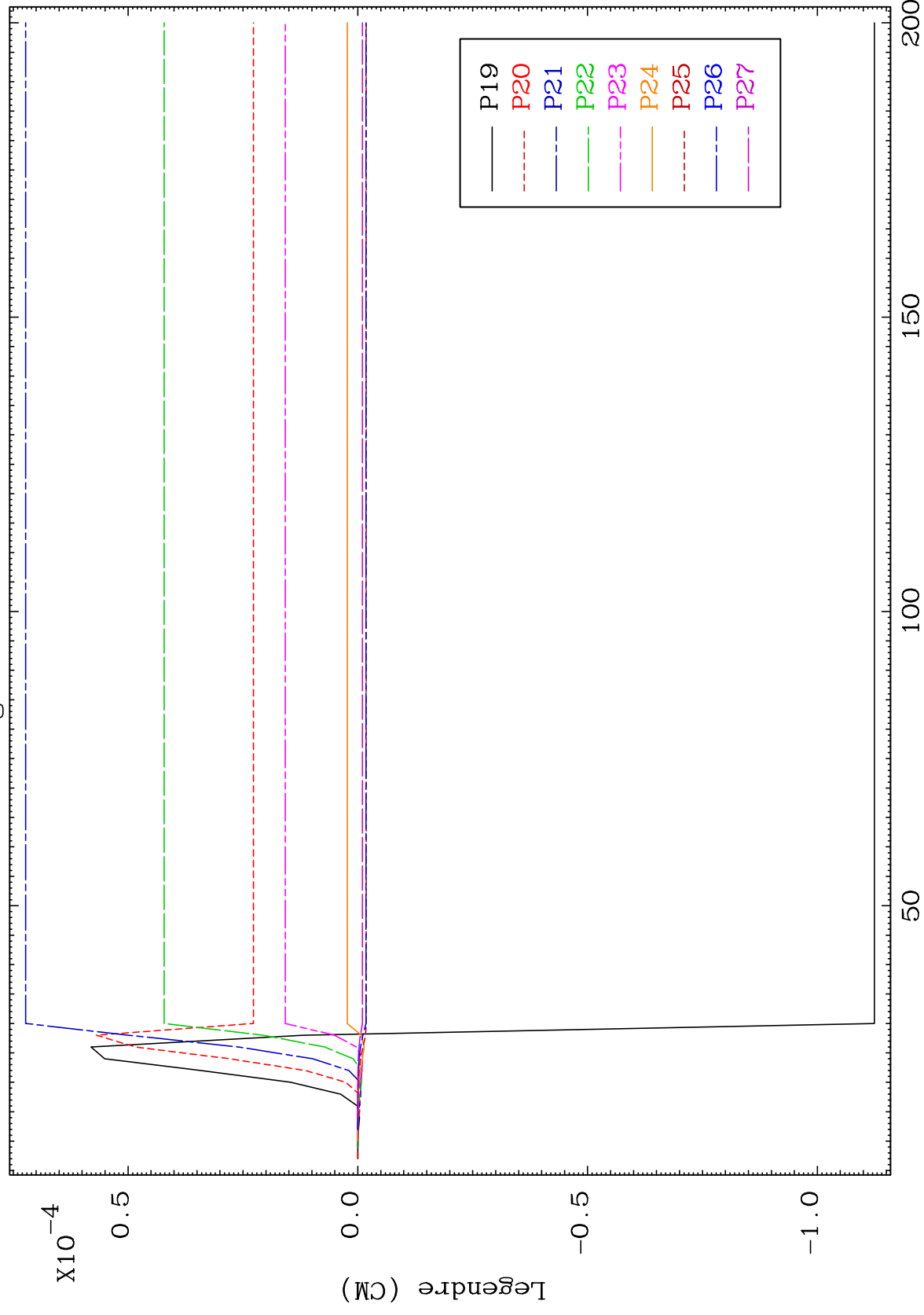
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

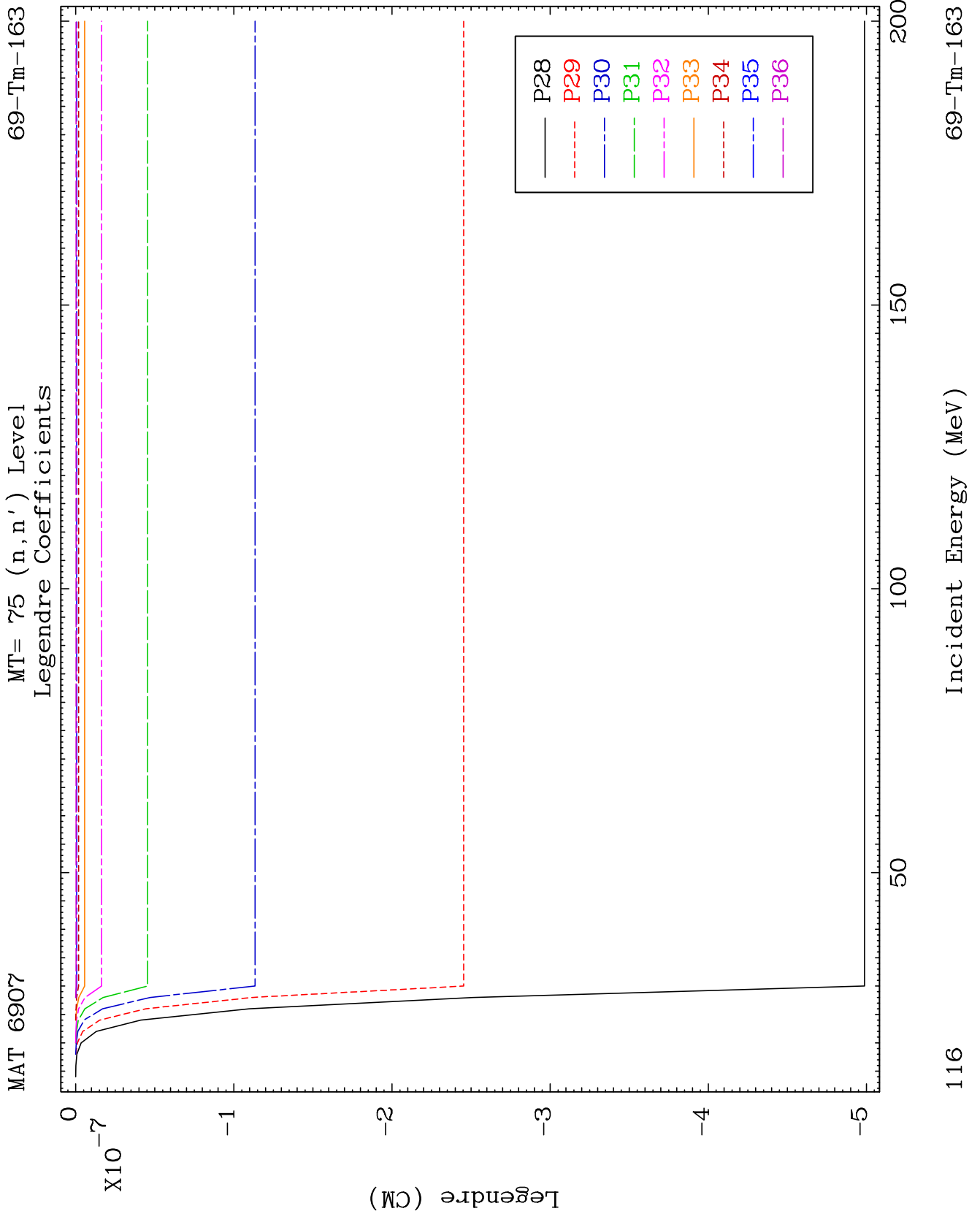
69-Tm-163

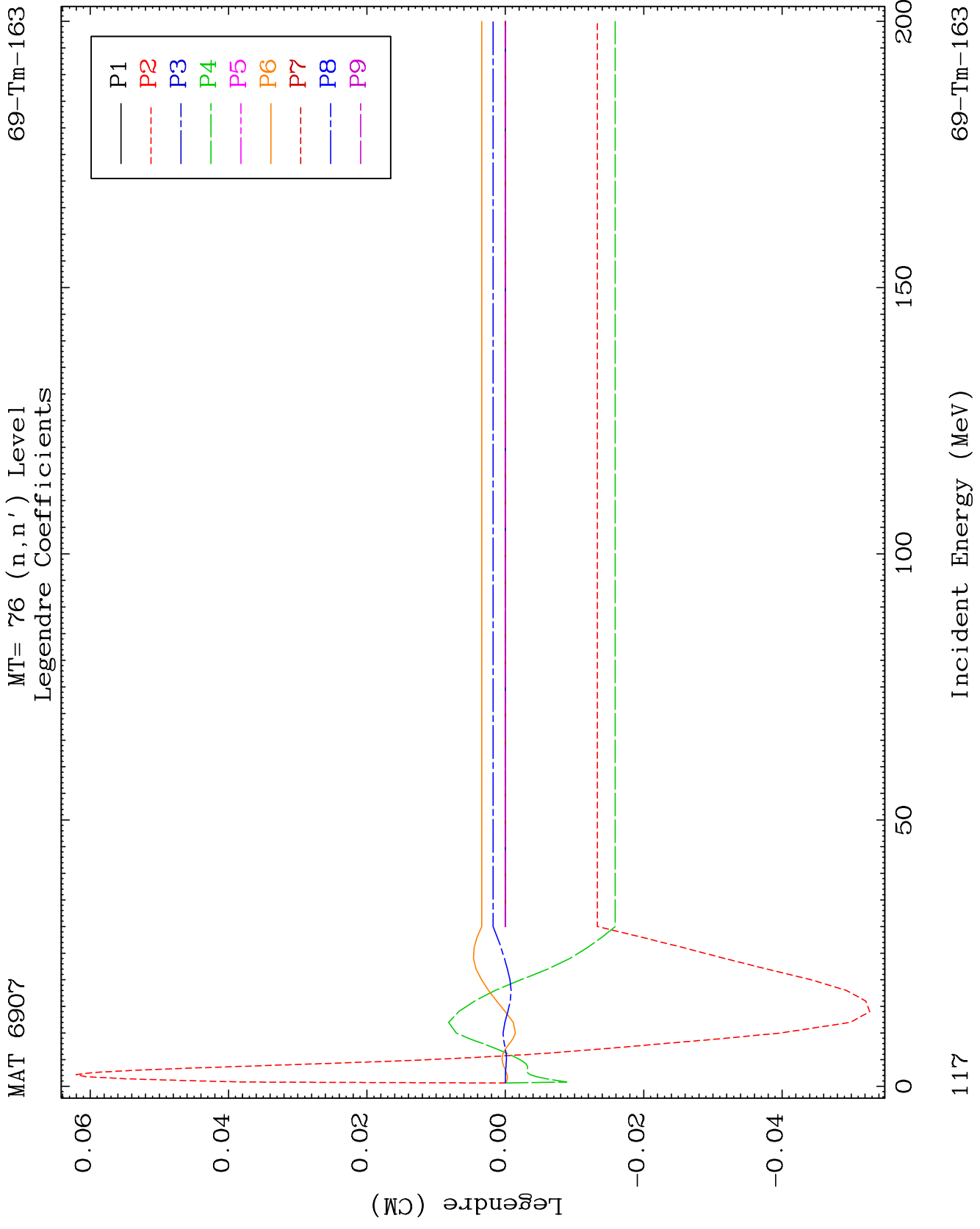


115

Incident Energy (MeV)

69-Tm-163

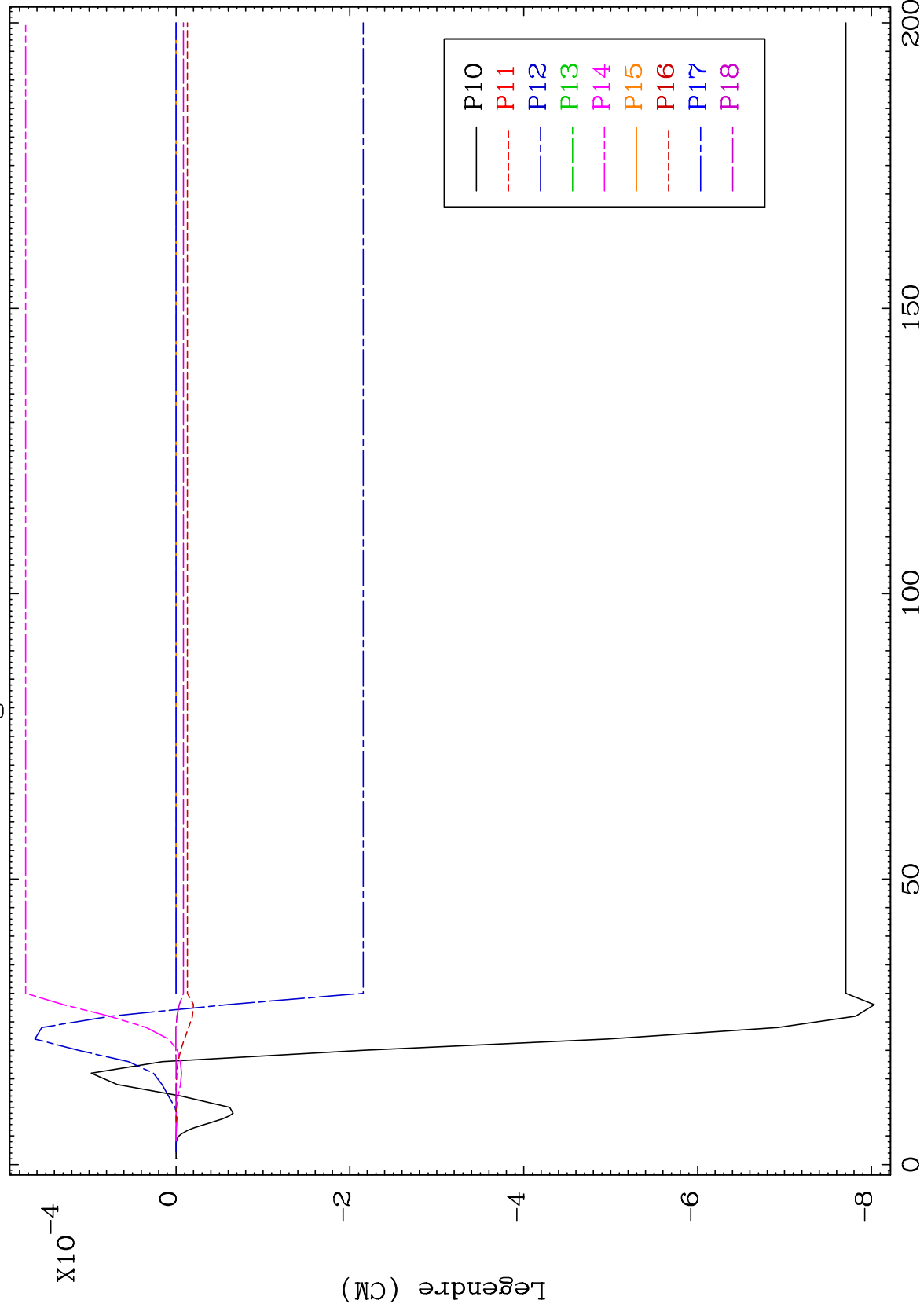




MAT 6907

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

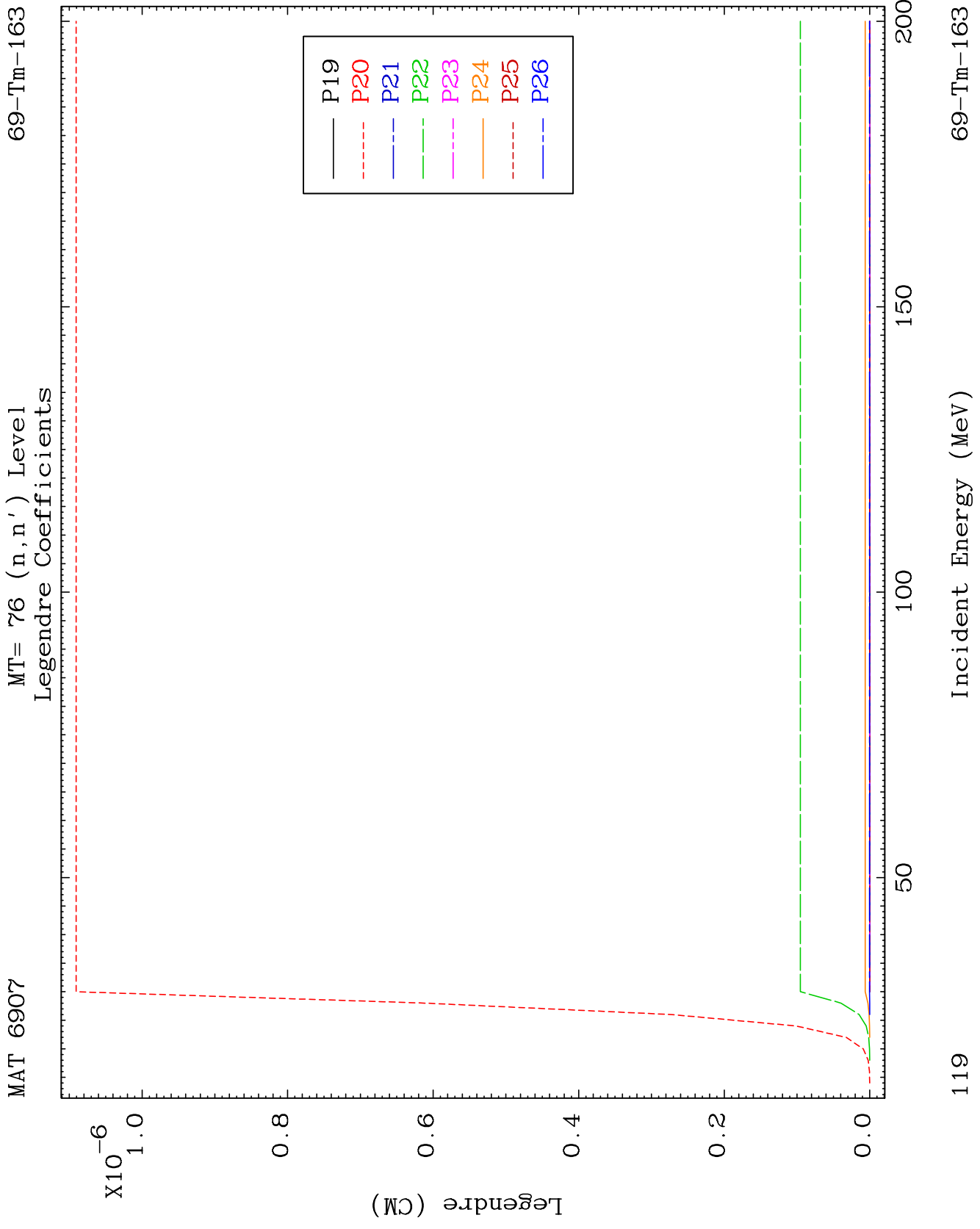
69-Tm-163



118

Incident Energy (MeV)

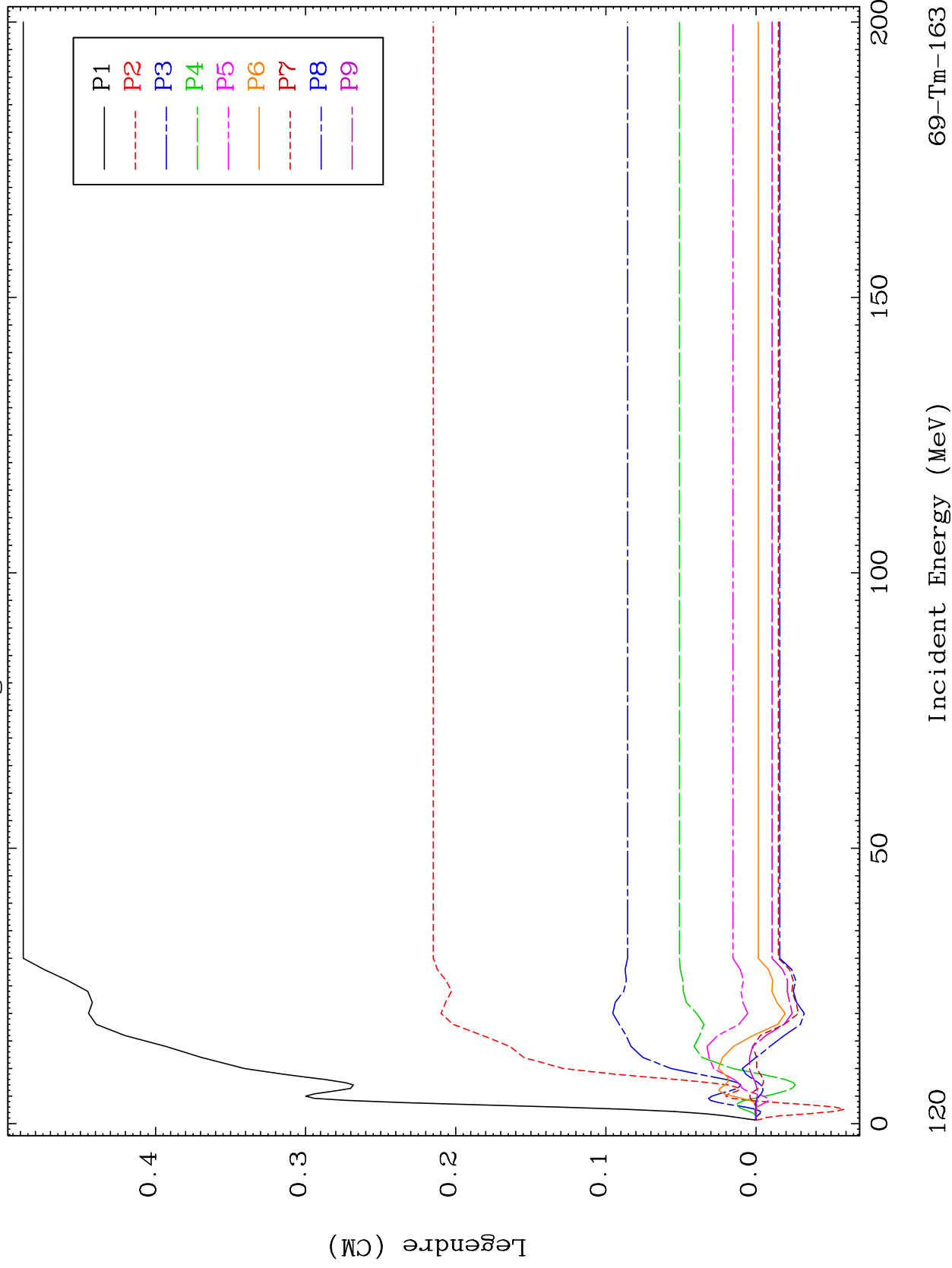
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

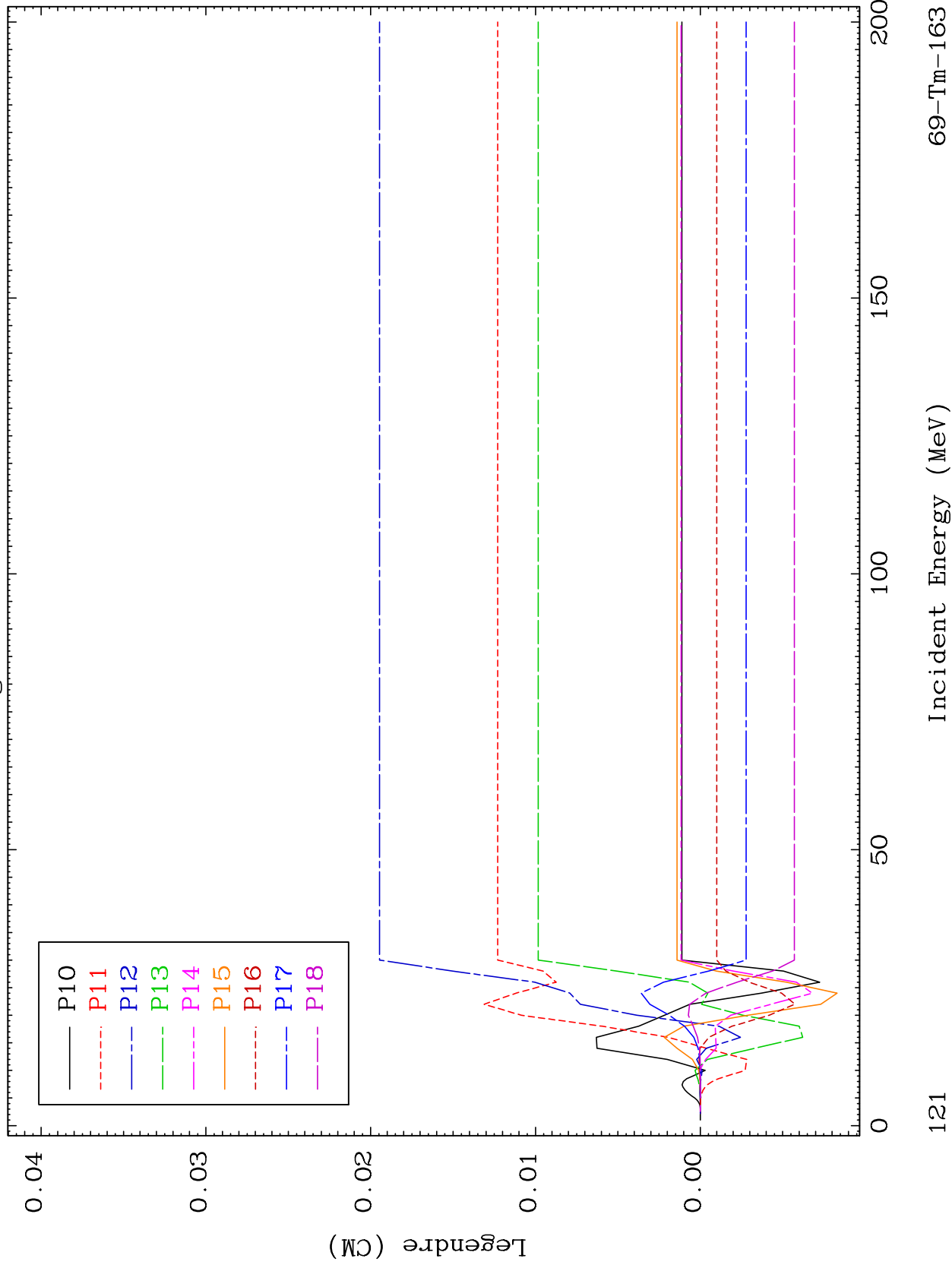
Incident Energy (MeV)

0

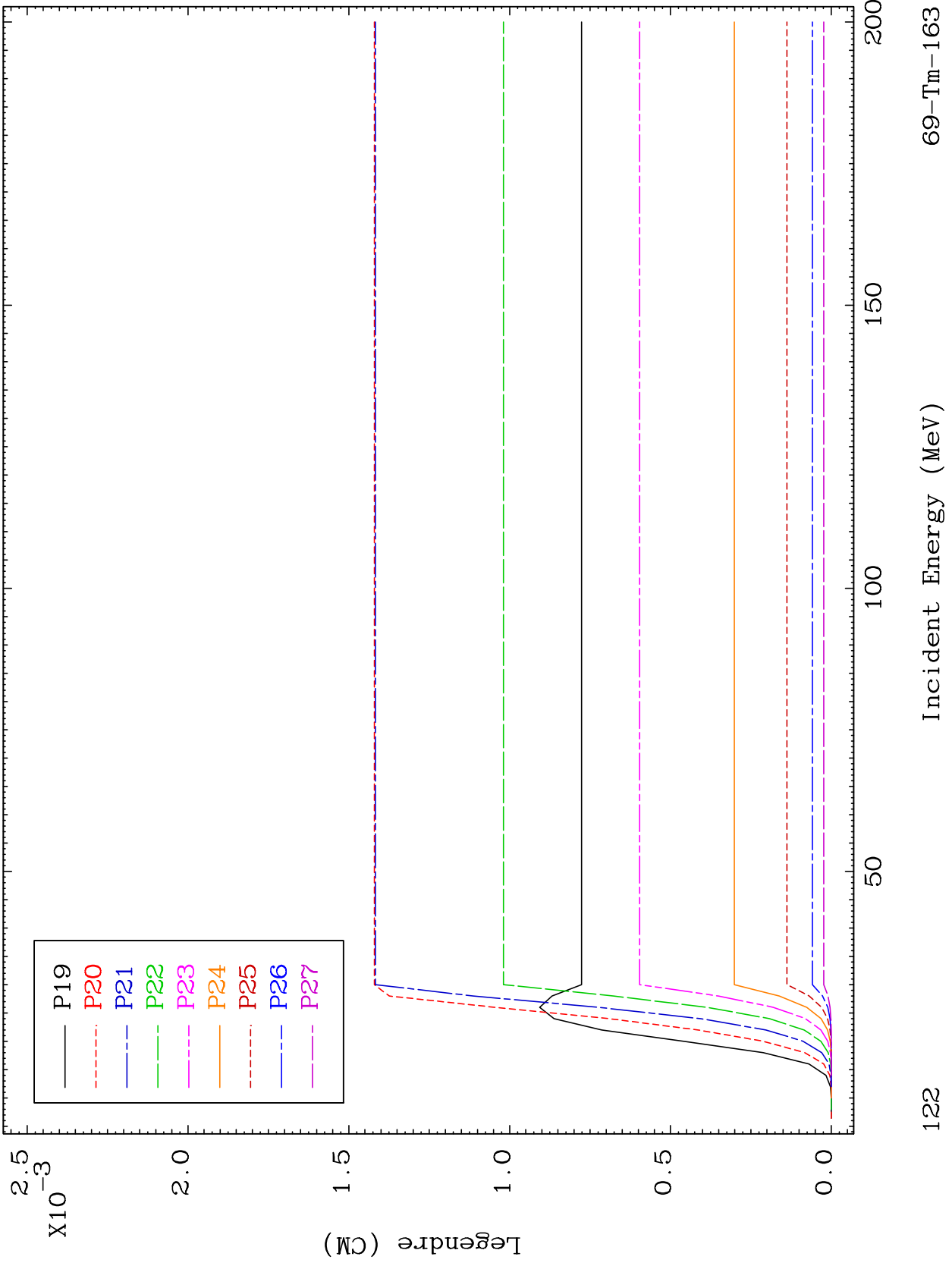
MAT 6907

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

69-Tm-163



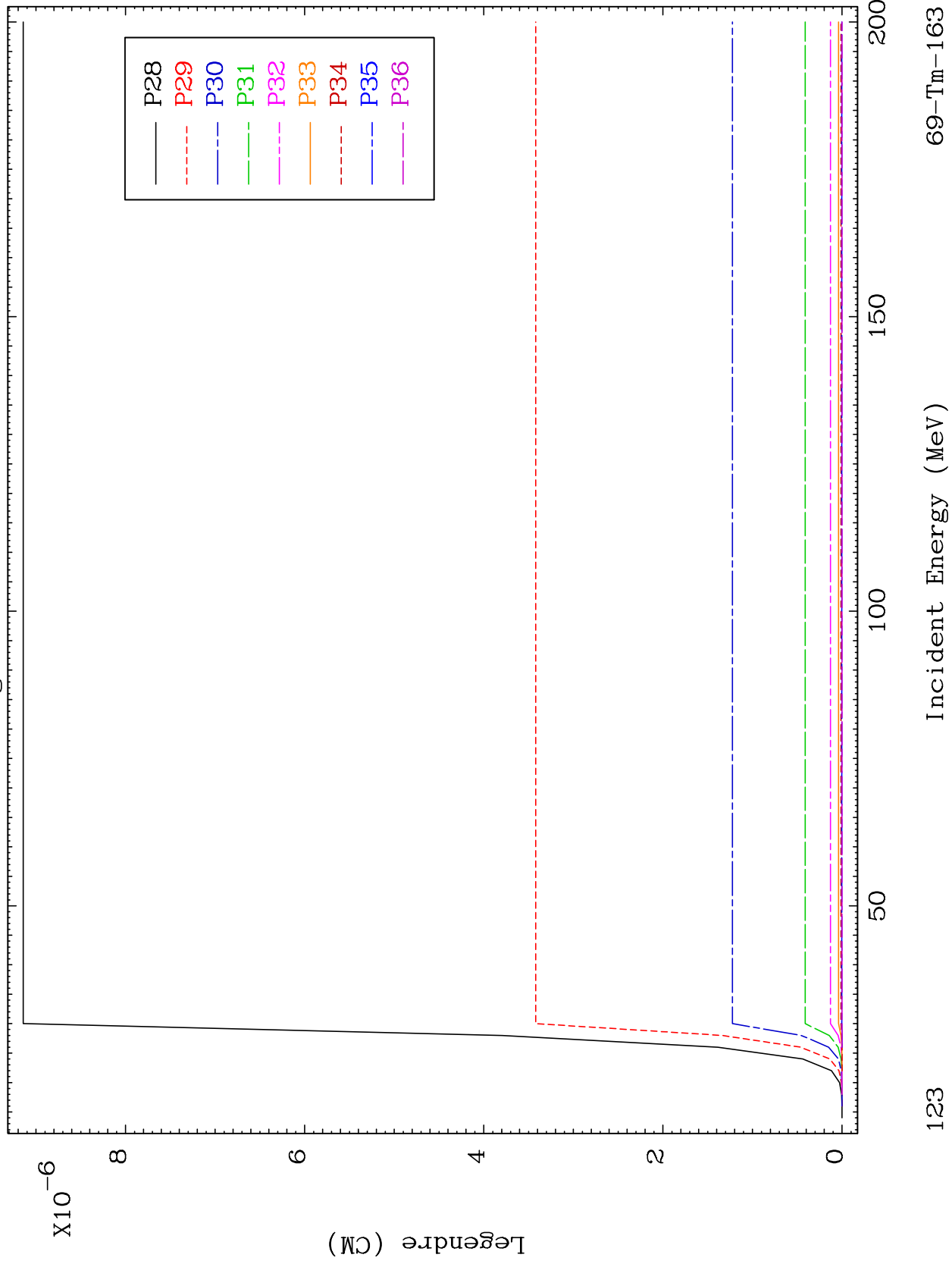
121



MAT 6907

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

69-Tm-163



123

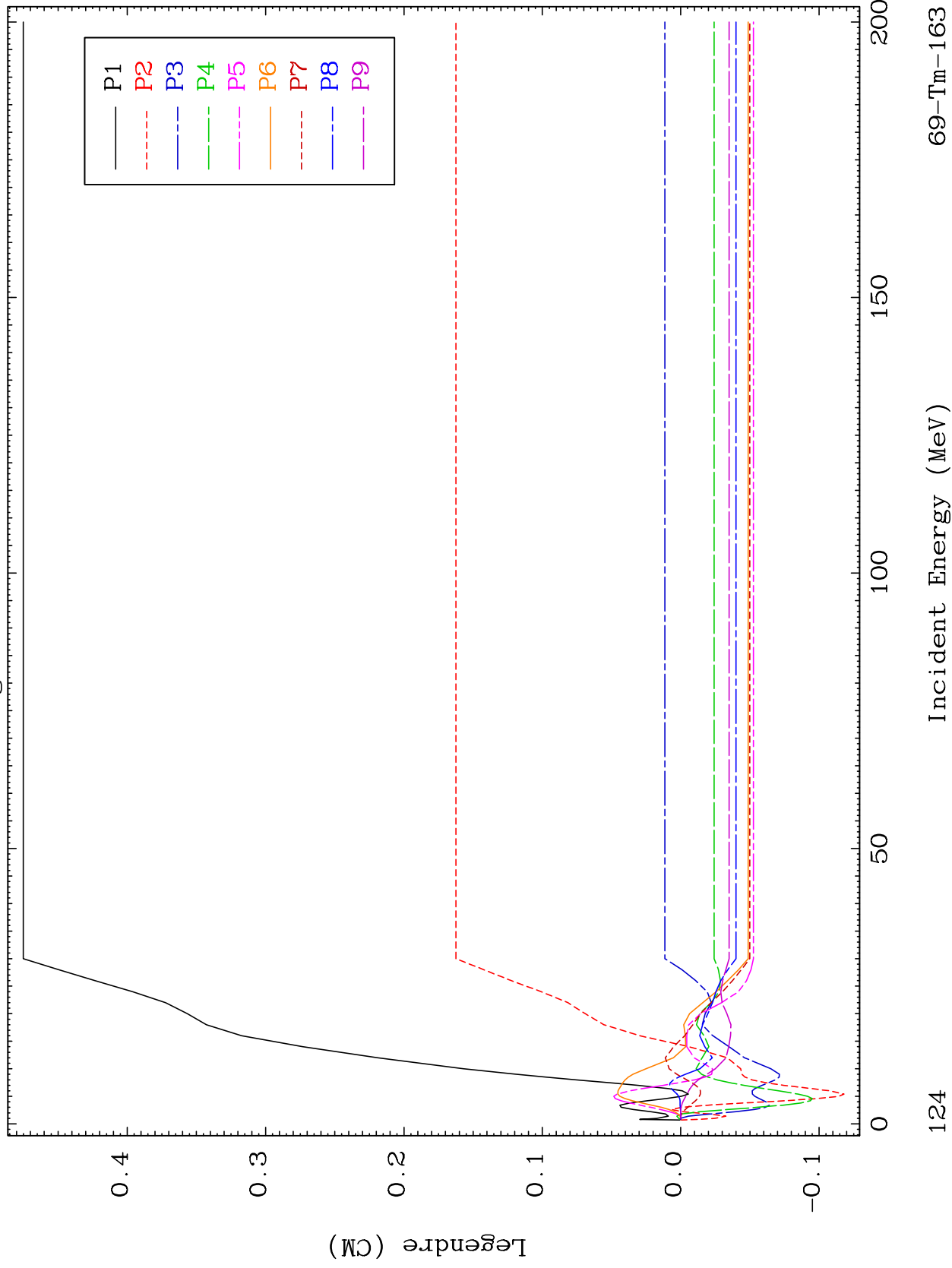
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

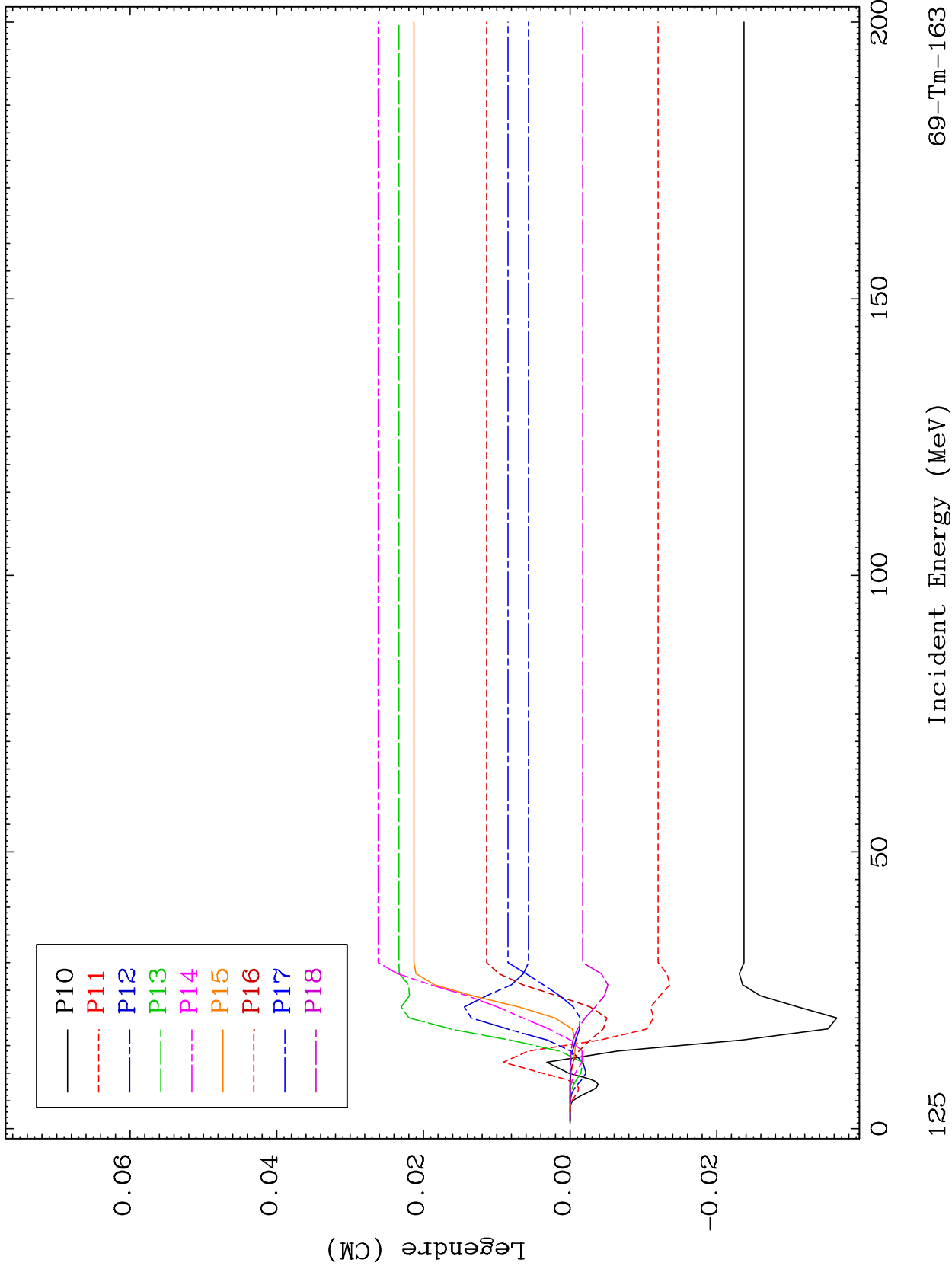
Incident Energy (MeV)

124

MAT 6907

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

69-Tm-163



125

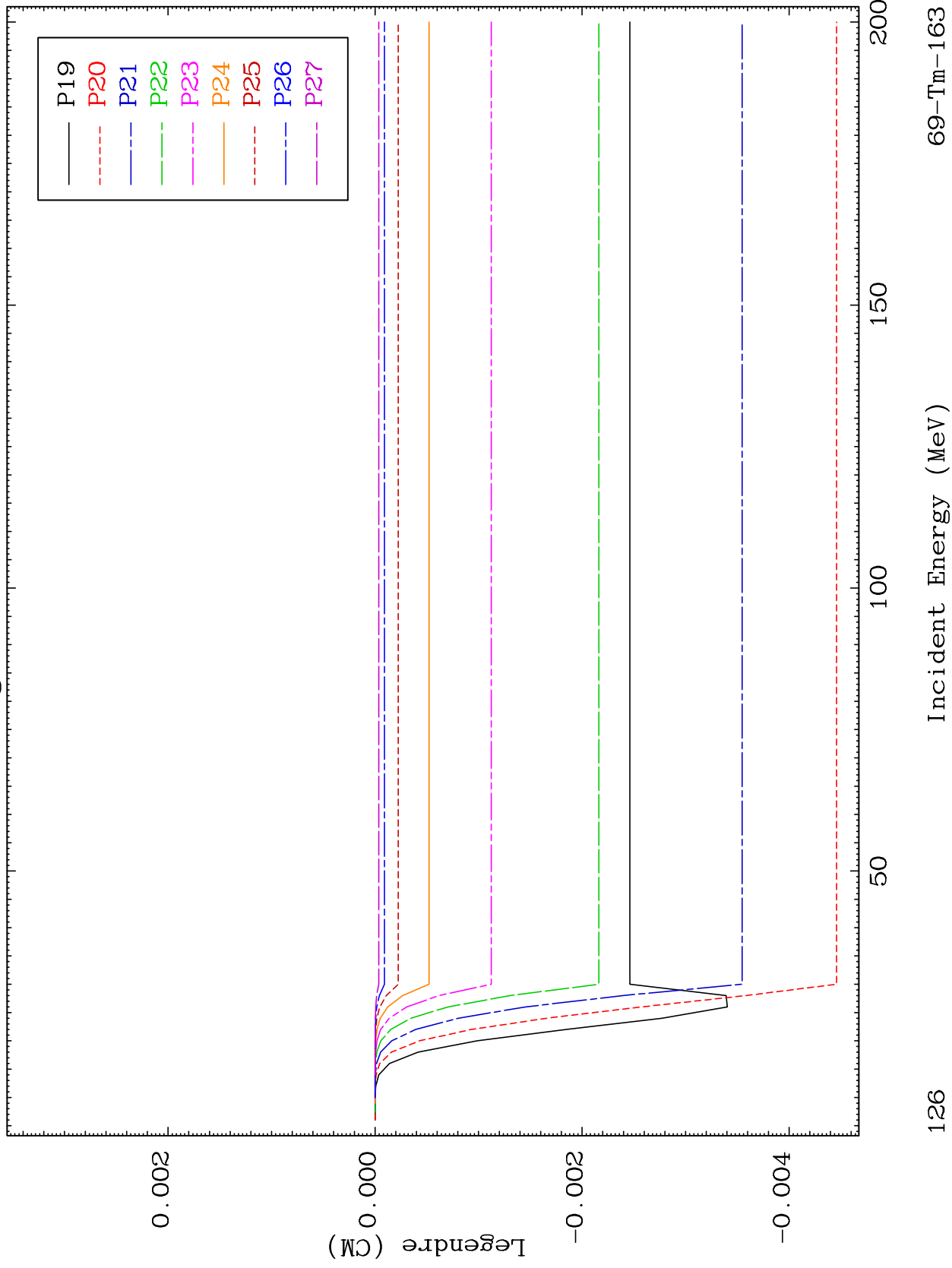
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



126

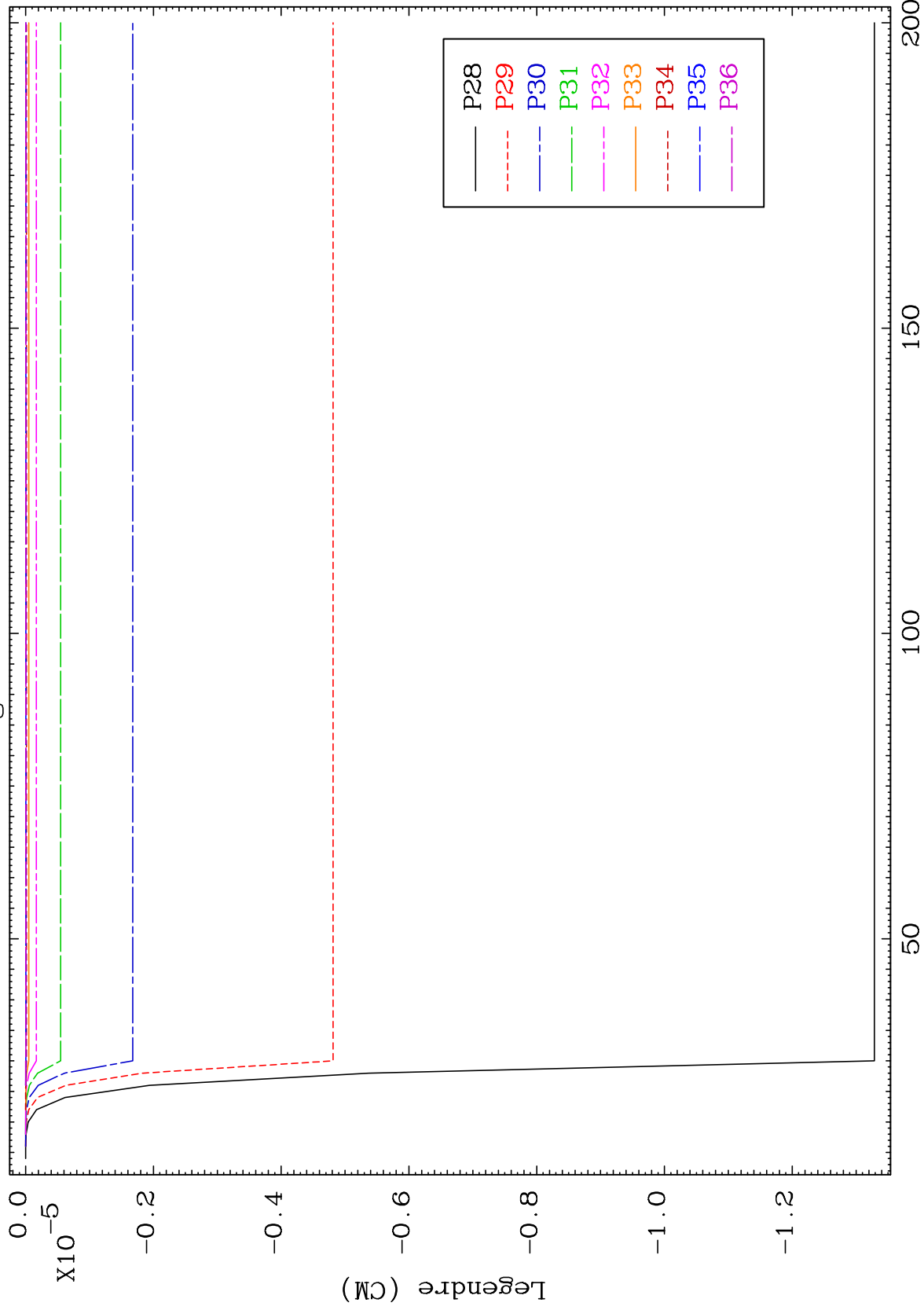
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



127

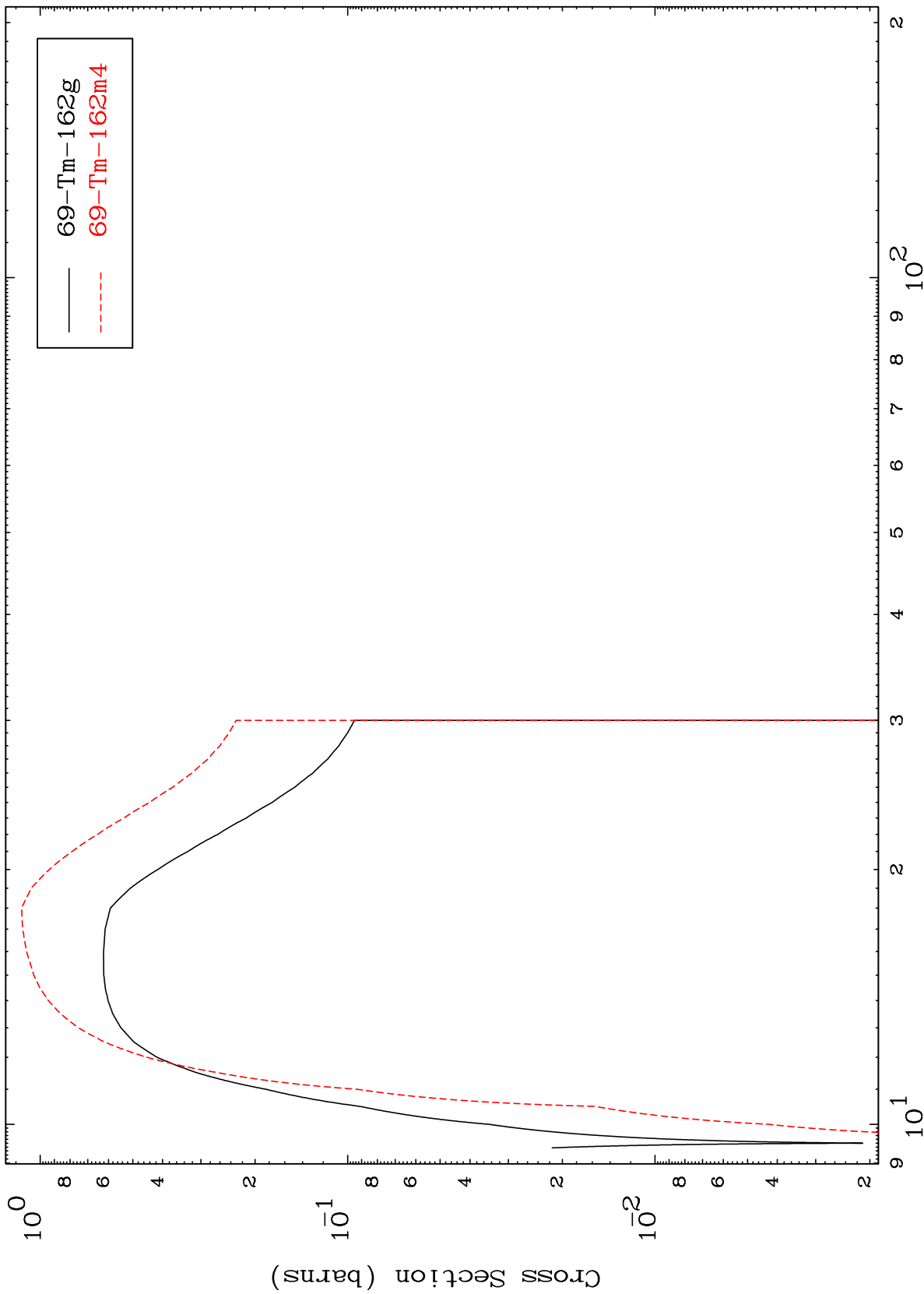
Incident Energy (MeV)

69-Tm-163

MAT 6907

69-Tm-163

(n,2n)
Radionuclide Production Cross Section



69-Tm-163

Incident Energy (MeV)

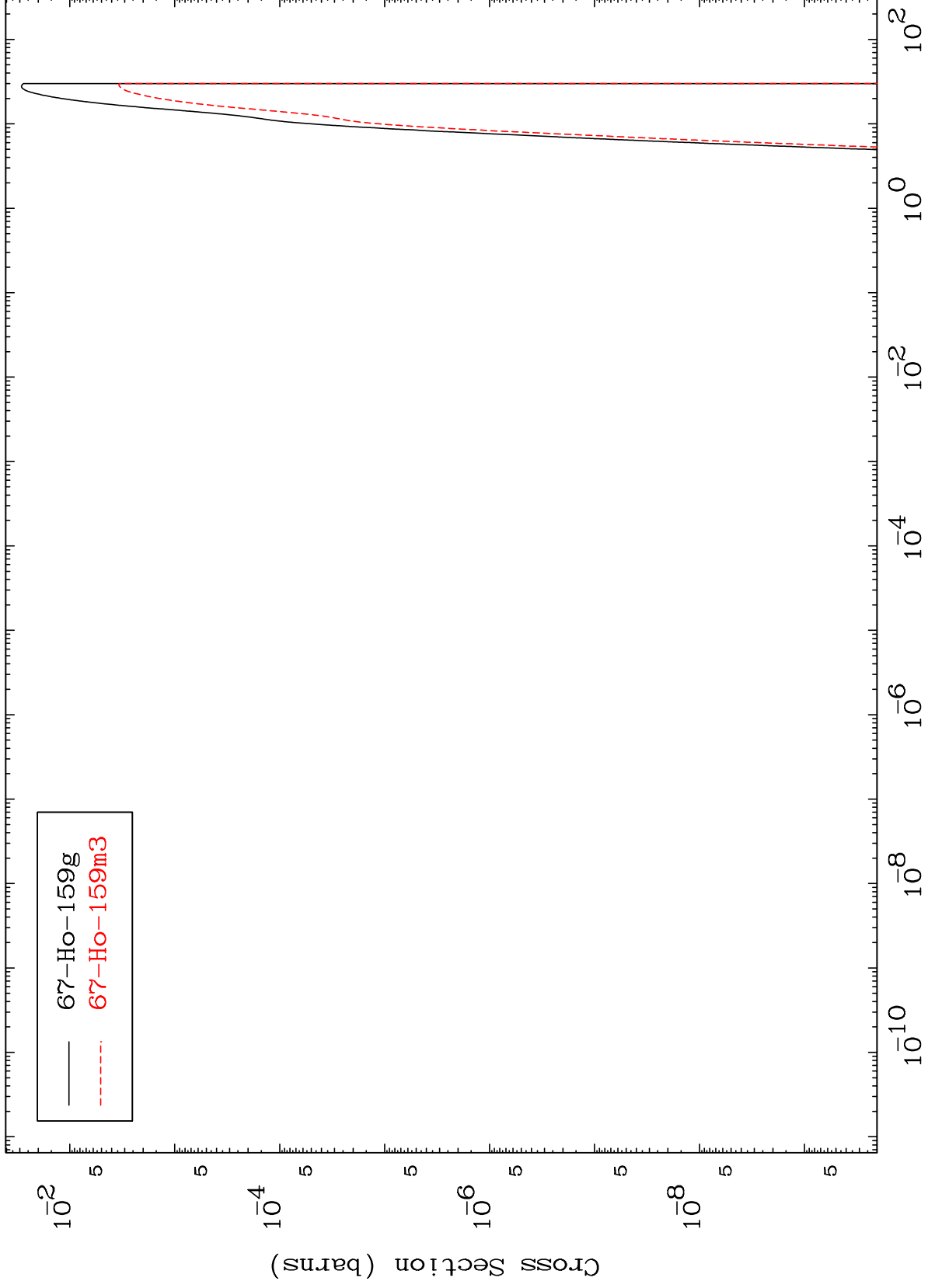
128

MAT 6907

$(n, n') \alpha$

69-Tm-163

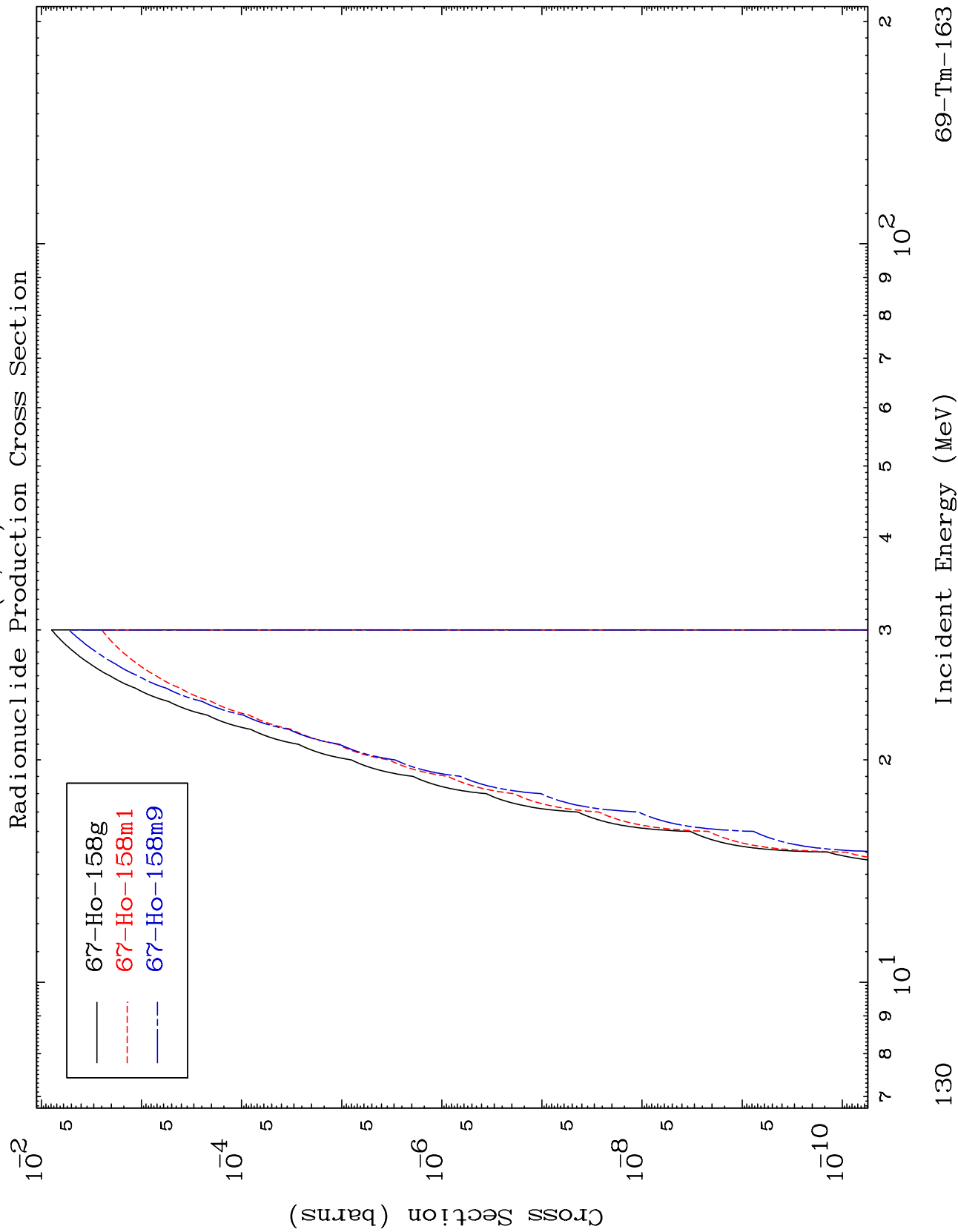
Radionuclide Production Cross Section



MAT 6907

$(n,2n) \alpha$

69-Tm-163



67-Ho-158g
67-Ho-158m1
67-Ho-158m9

130

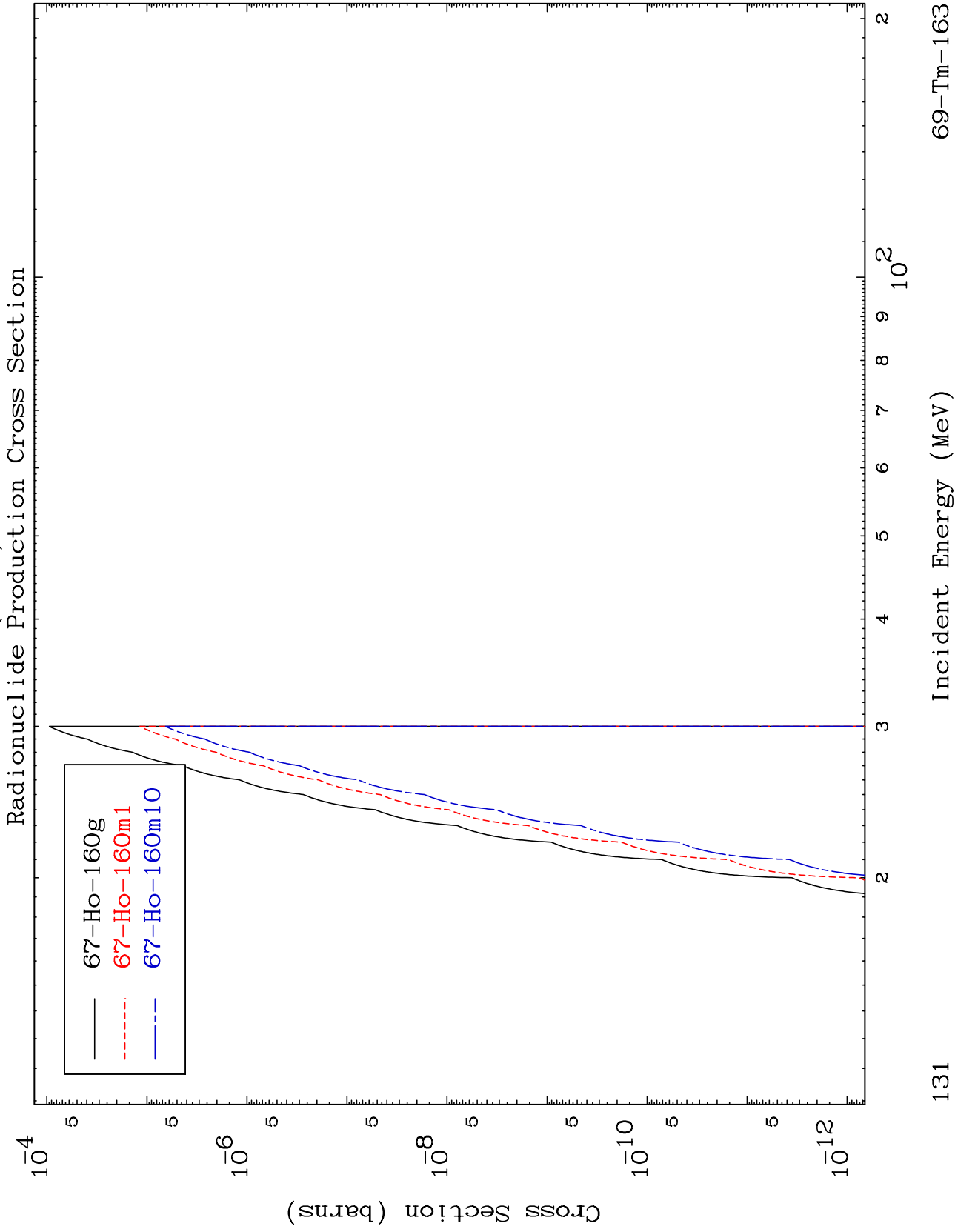
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,n') He-3

69-Tm-163

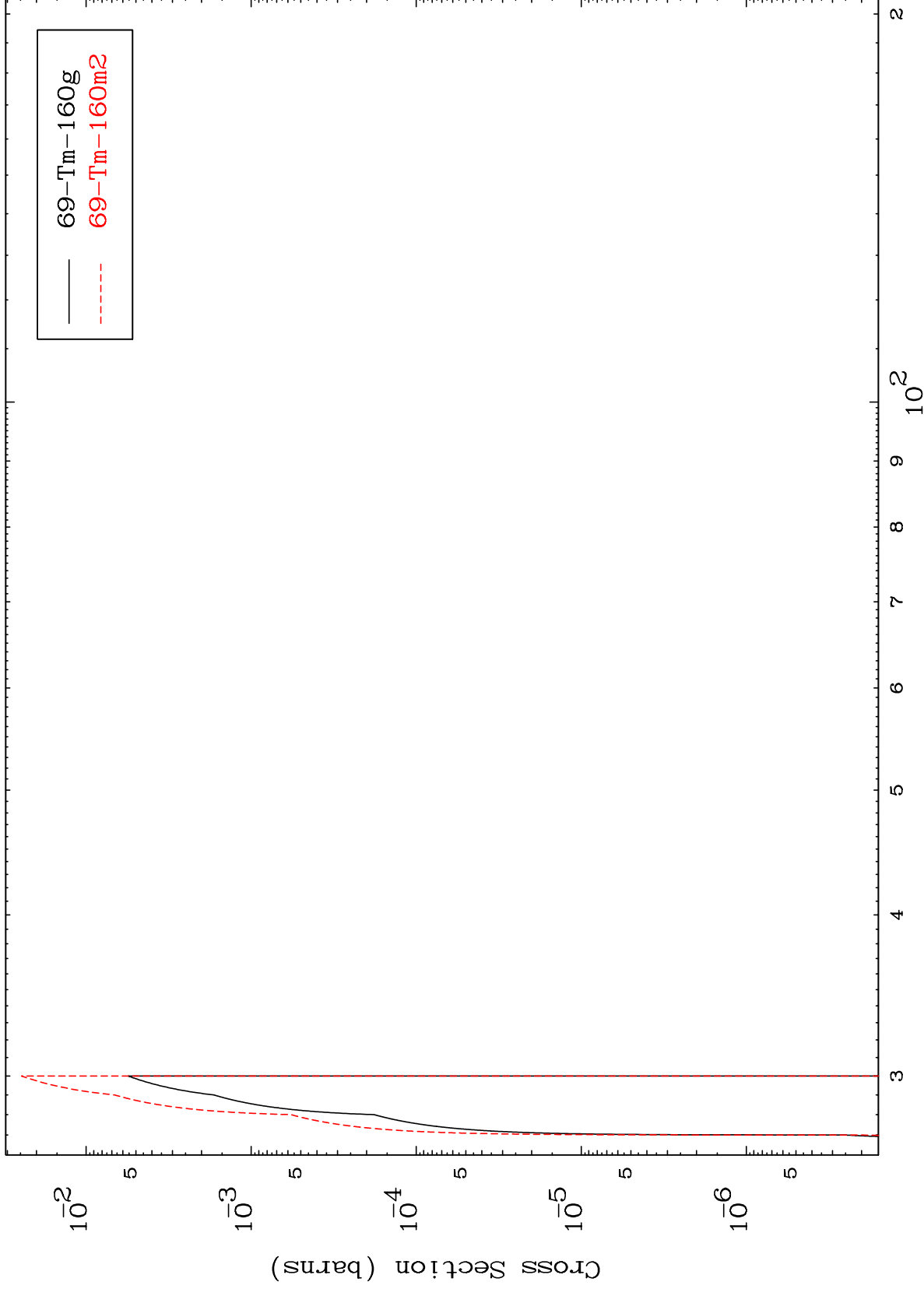


MAT 6907

(n,4n)

69-Tm-163

Radionuclide Production Cross Section



132

Incident Energy (MeV)

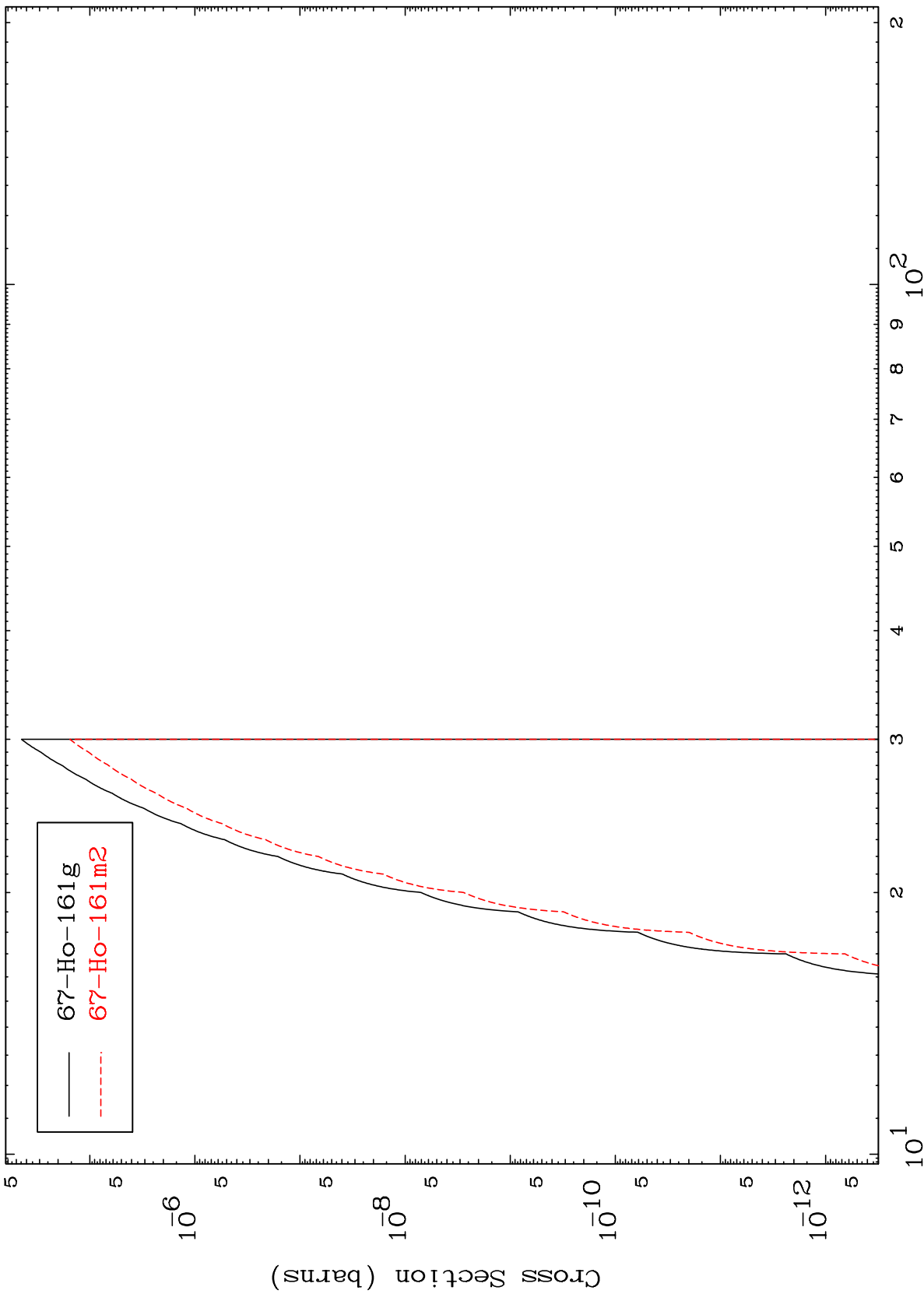
69-Tm-163

MAT 6907

(n,2n) p

69-Tm-163

Radionuclide Production Cross Section



Incident Energy (MeV)

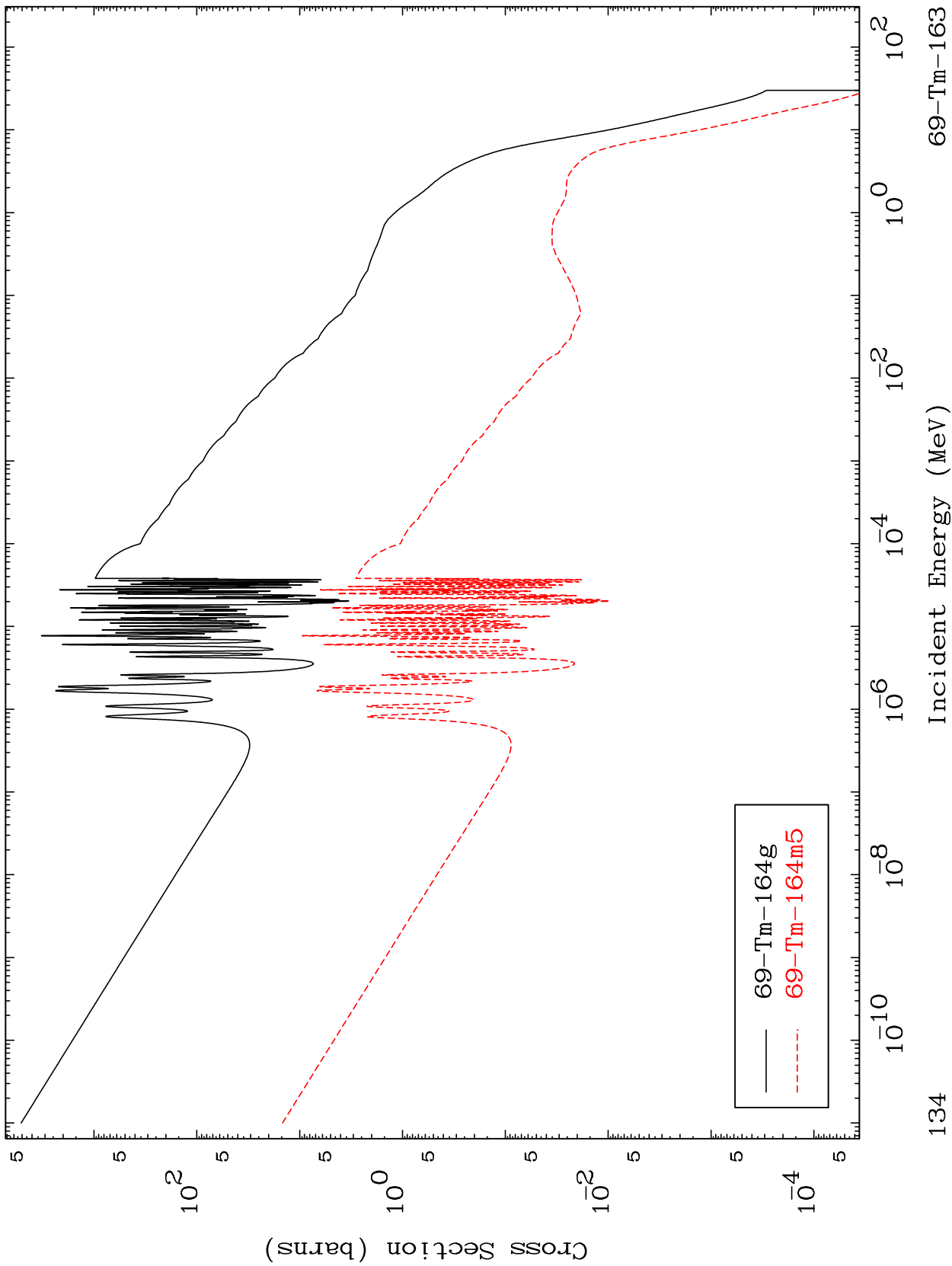
69-Tm-163

133

MAT 6907

69-Tm-163

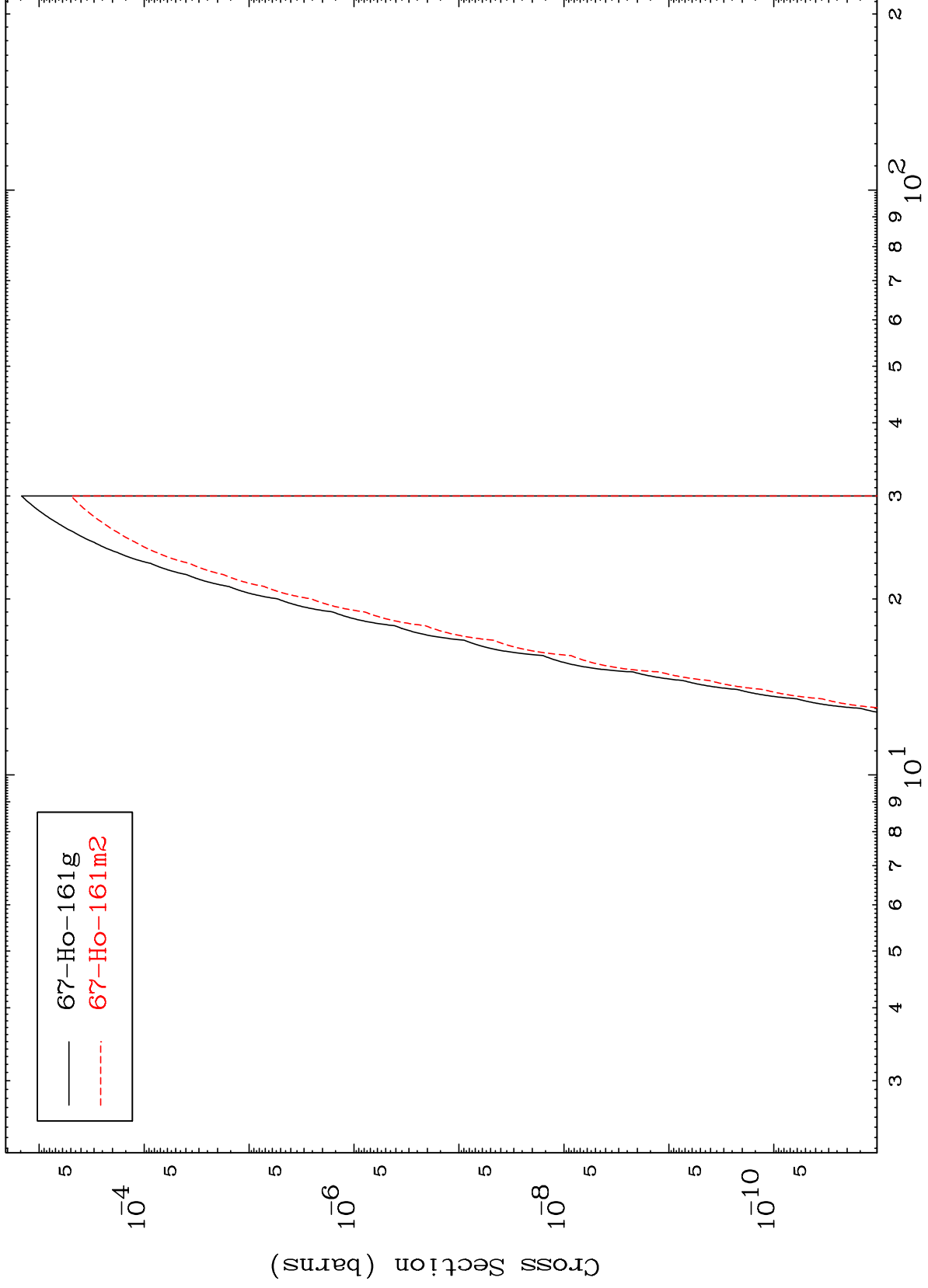
Radionuclide Production Cross Section
(n,γ)



MAT 6907

69-Tm-163

(n,He-3)
Radionuclide Production Cross Section



135

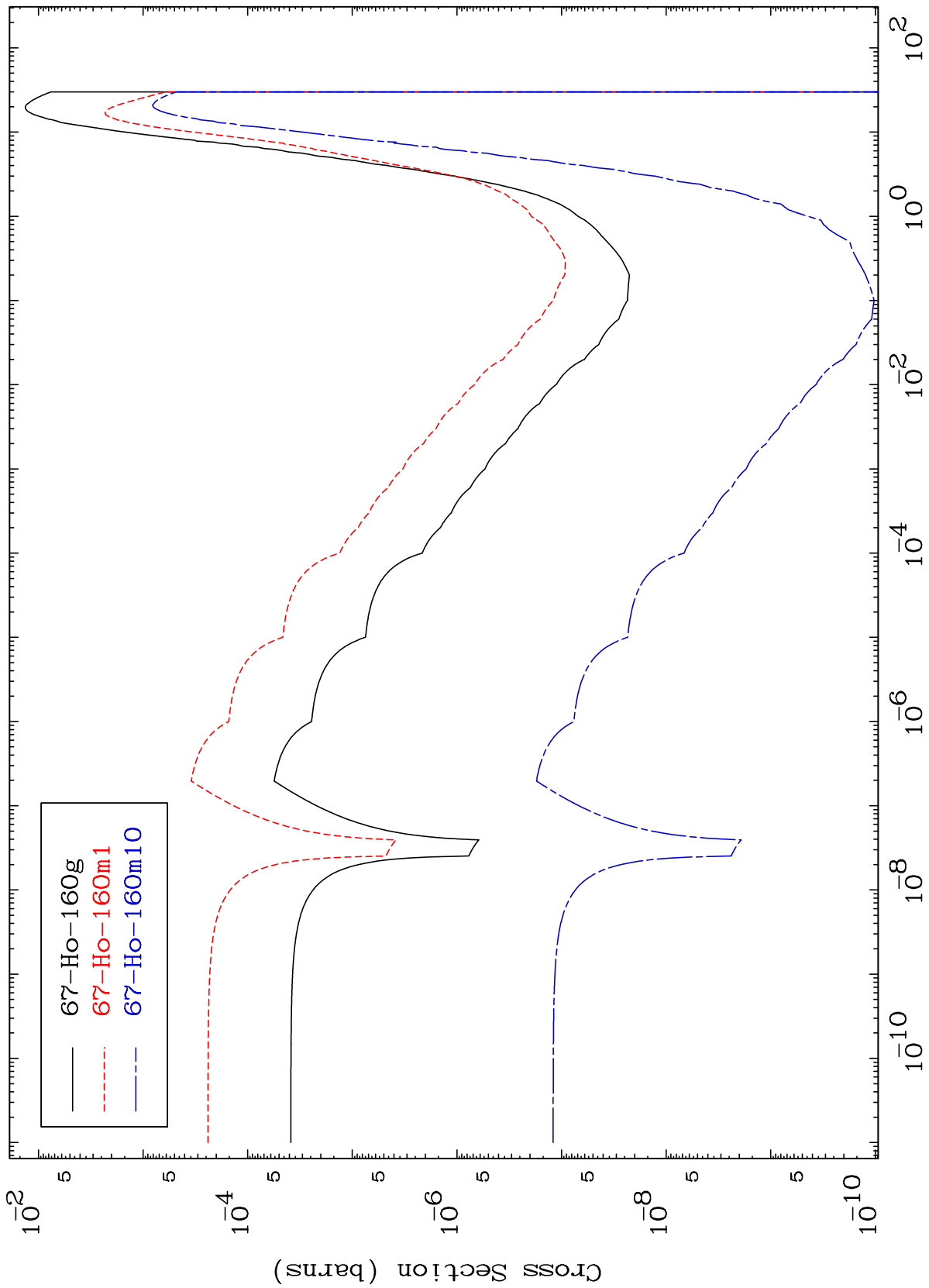
69-Tm-163

Incident Energy (MeV)

MAT 6907

69-Tm-163

Radionuclide Production Cross Section



136

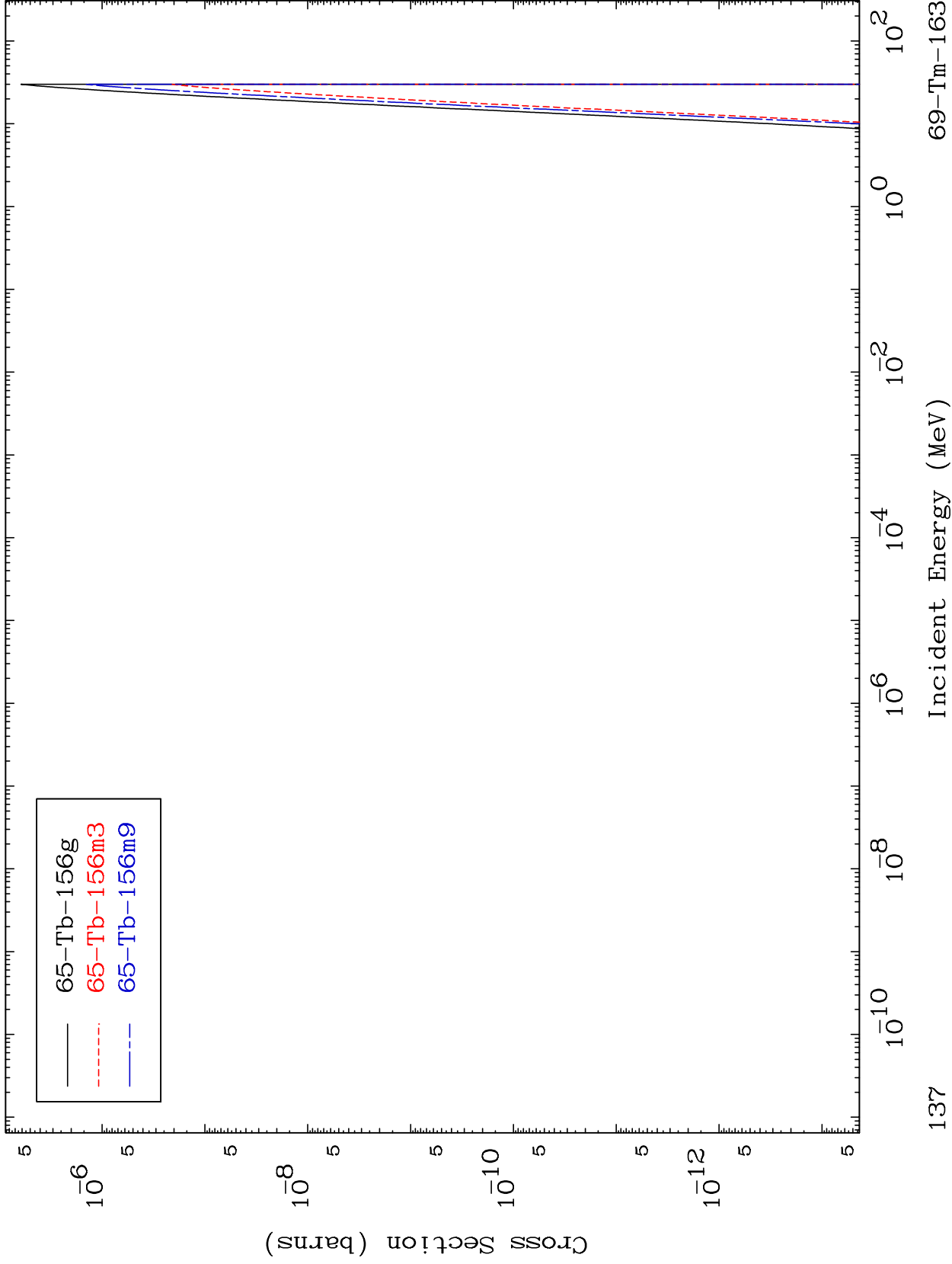
69-Tm-163

MAT 6907

(n,2α)

69-Tm-163

Radionuclide Production Cross Section



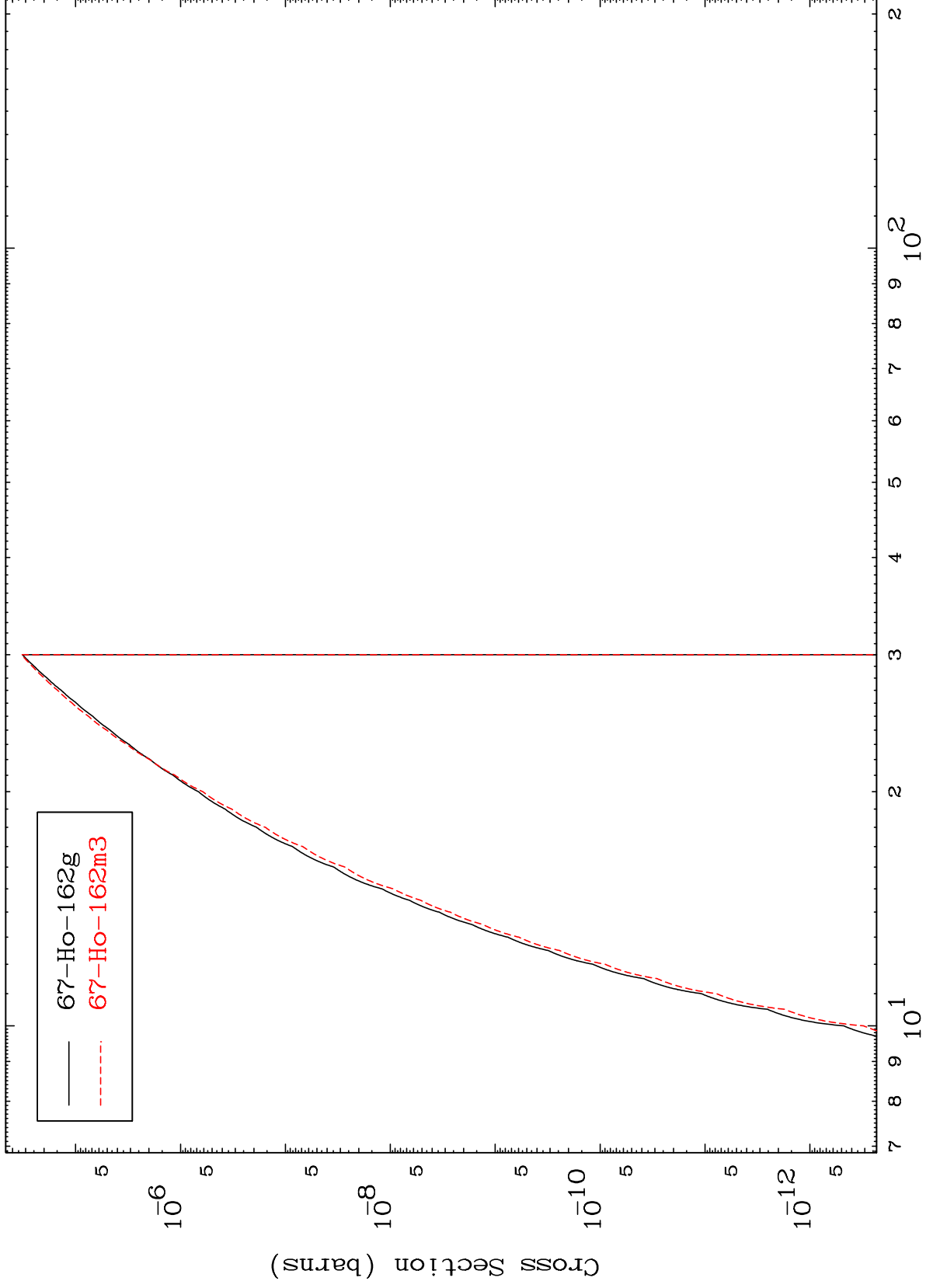
137

69-Tm-163

MAT 6907

69-Tm-163

(n,2p)
Radionuclide Production Cross Section



138

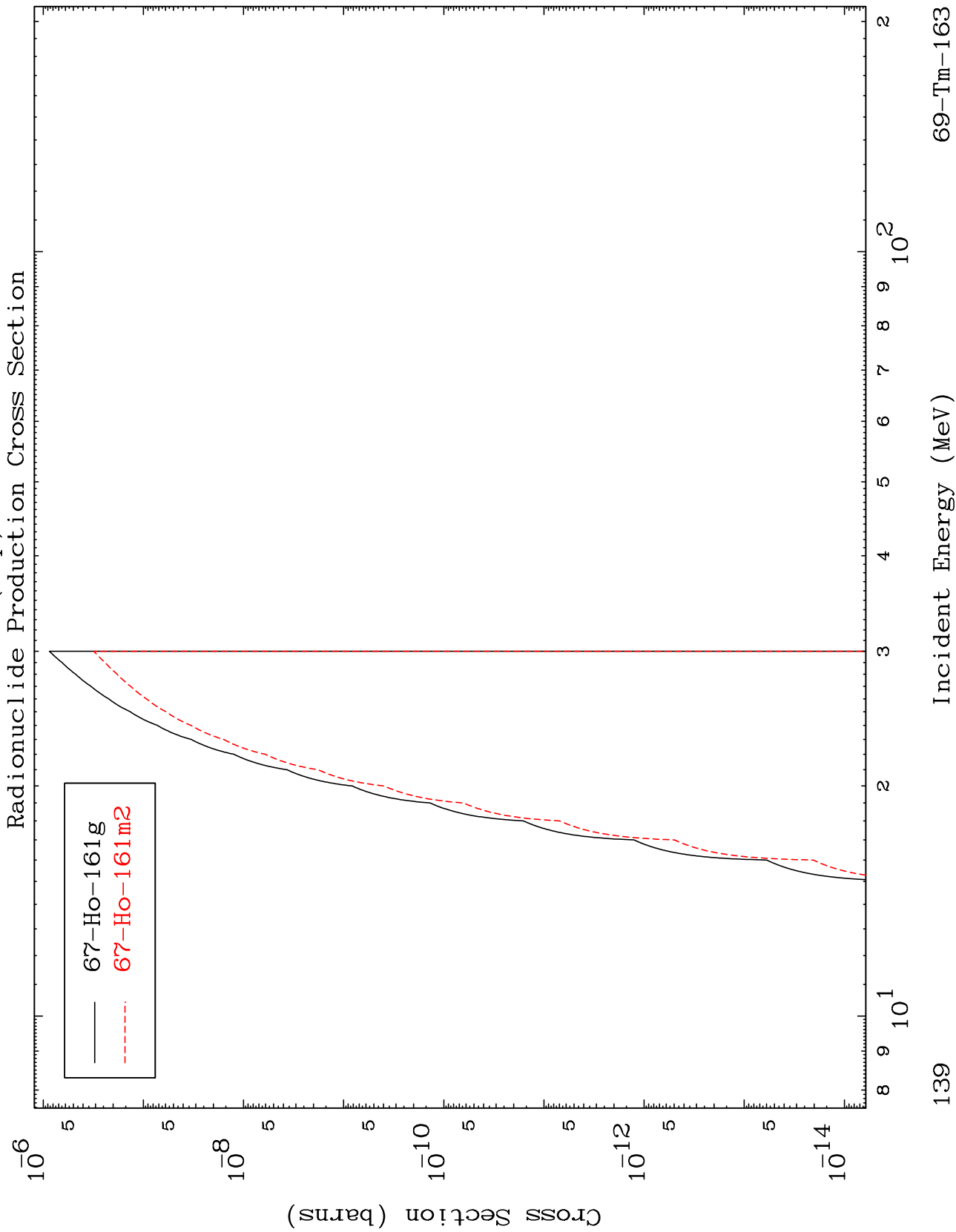
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,p) d

69-Tm-163

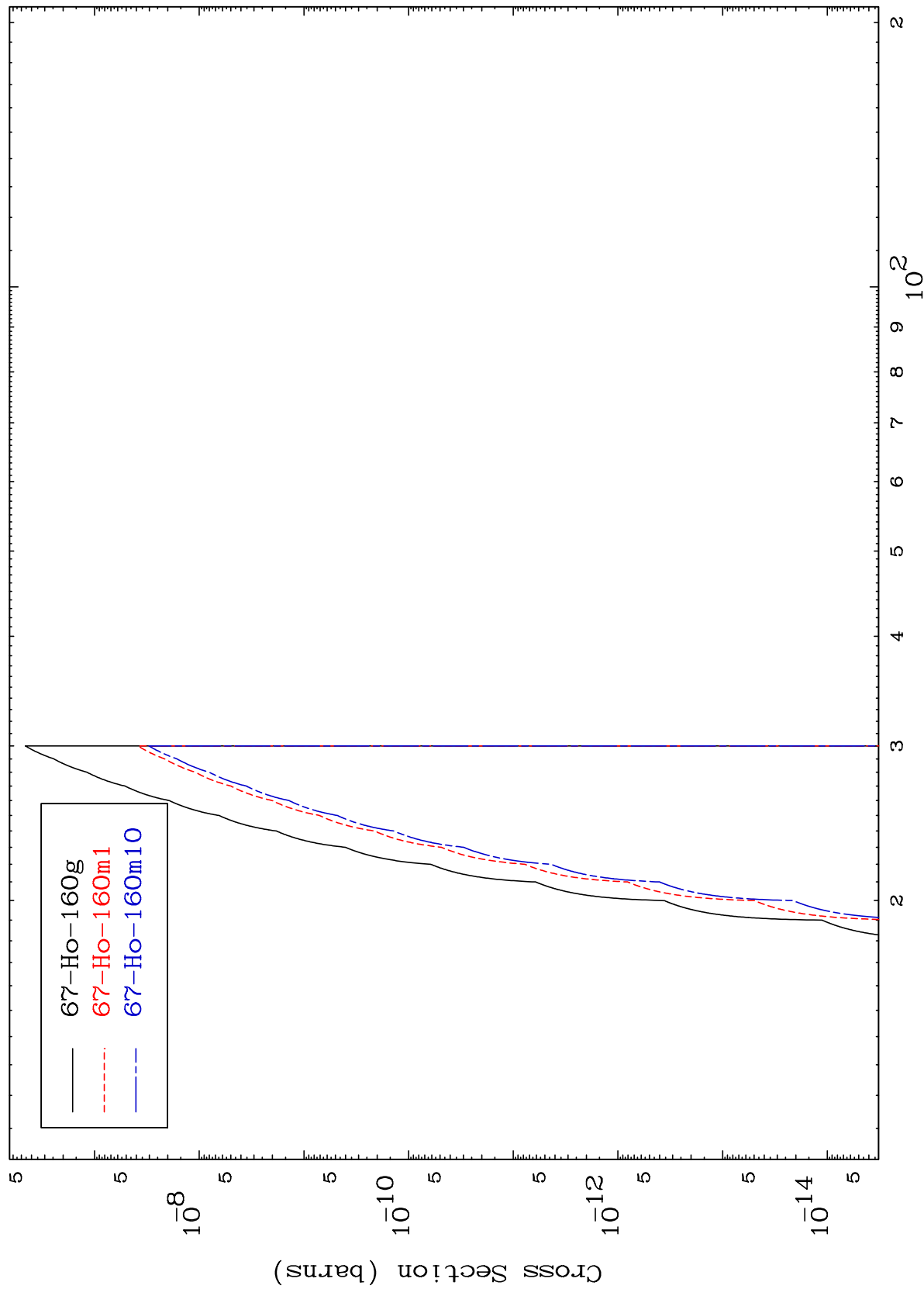


MAT 6907

(n,p) t

69-Tm-163

Radionuclide Production Cross Section



140

Incident Energy (MeV)

69-Tm-163