

Program EVALPLOT
(Version 2021-1)

by

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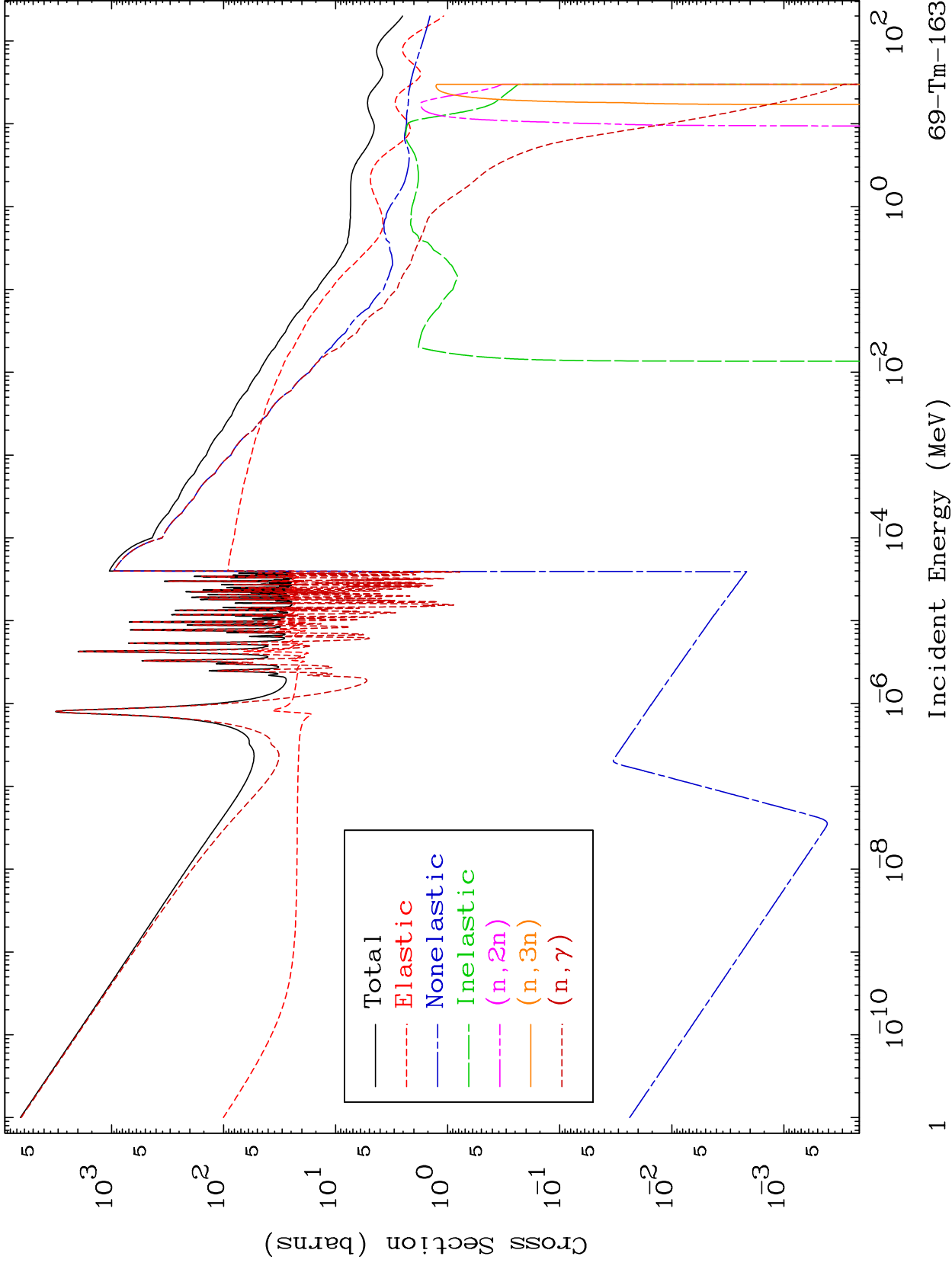
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6907

Neutron Major
293 Kelvin Cross Sections

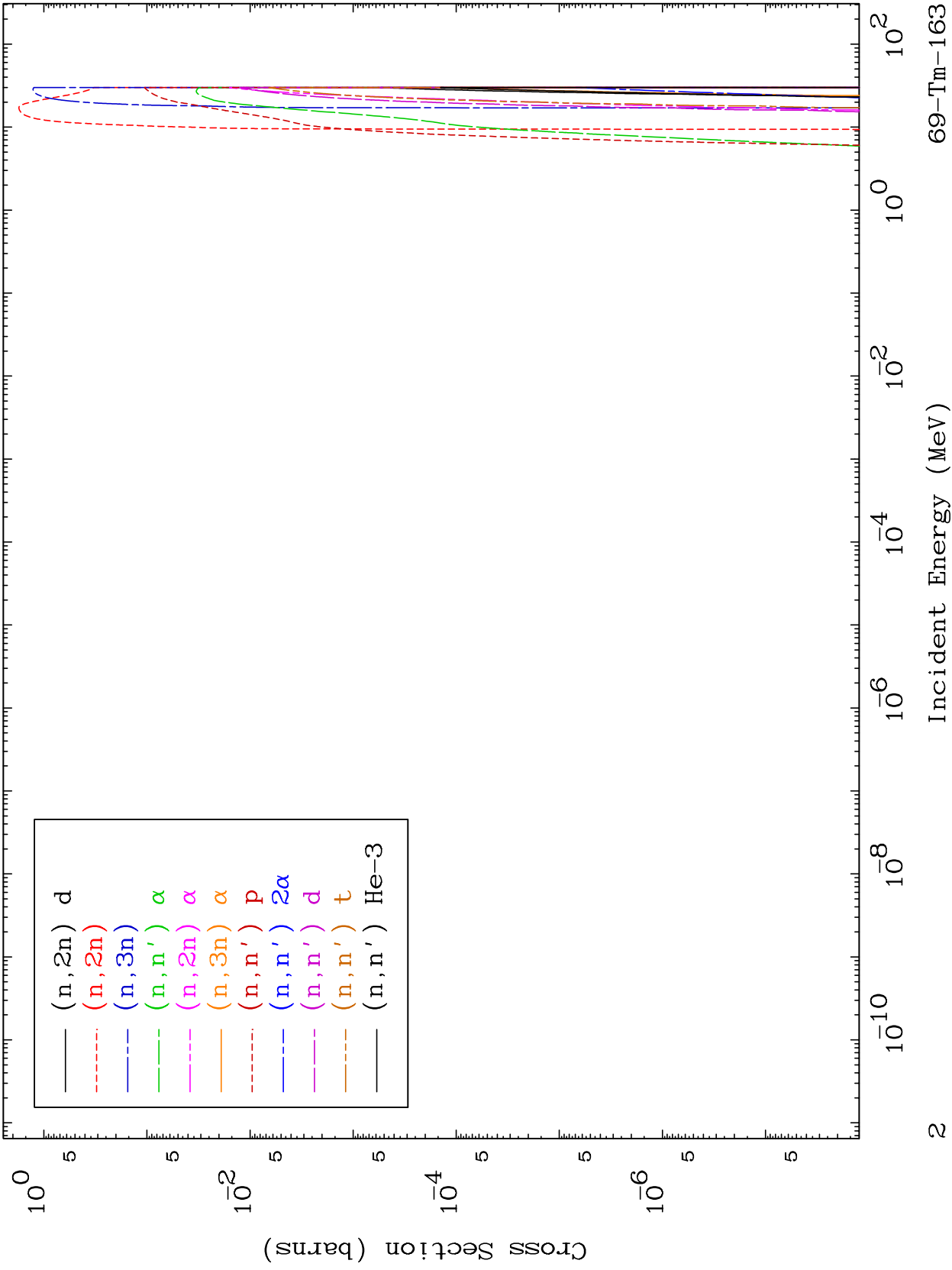
69-Tm-163

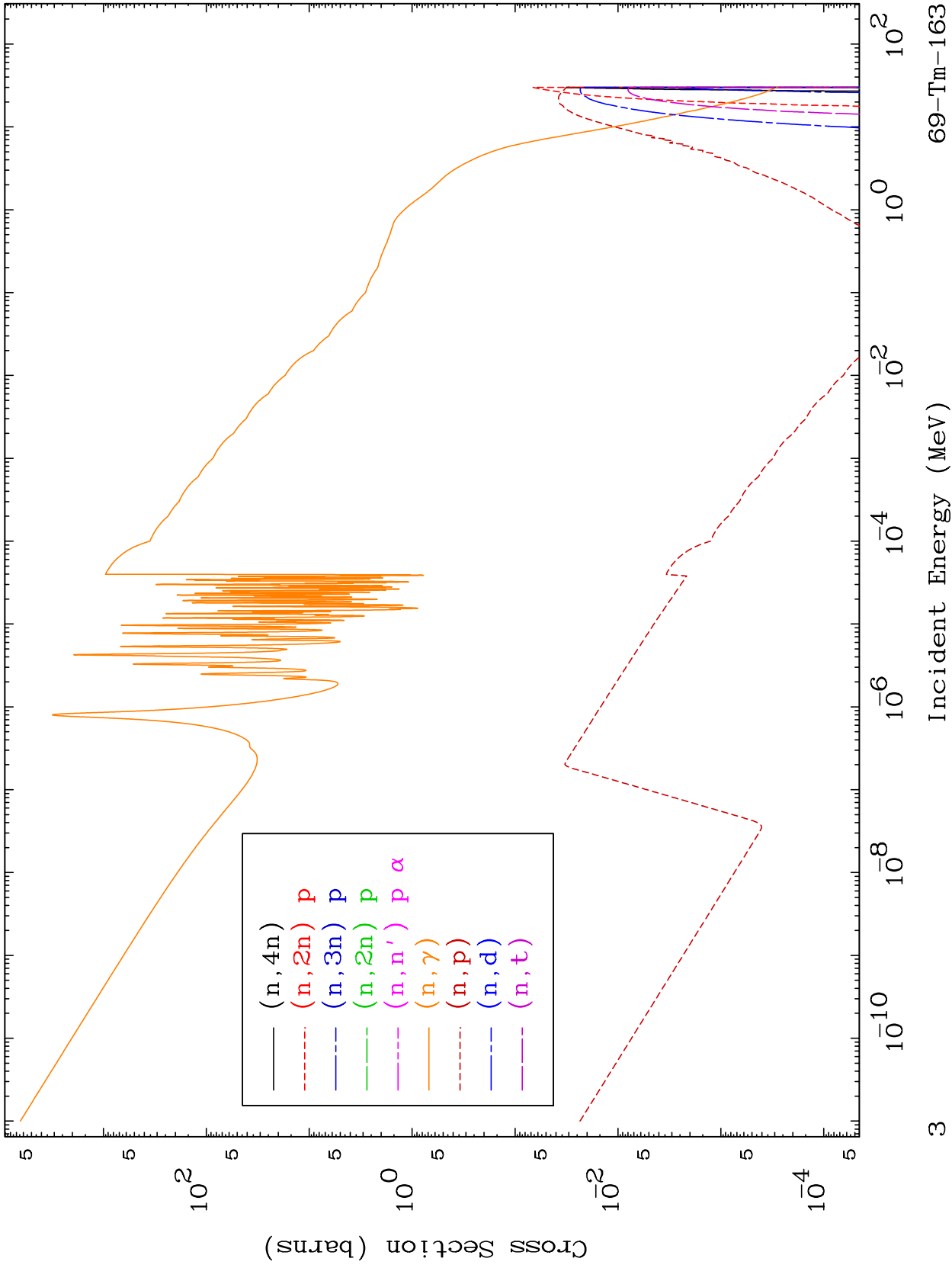


MAT 6907

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-163

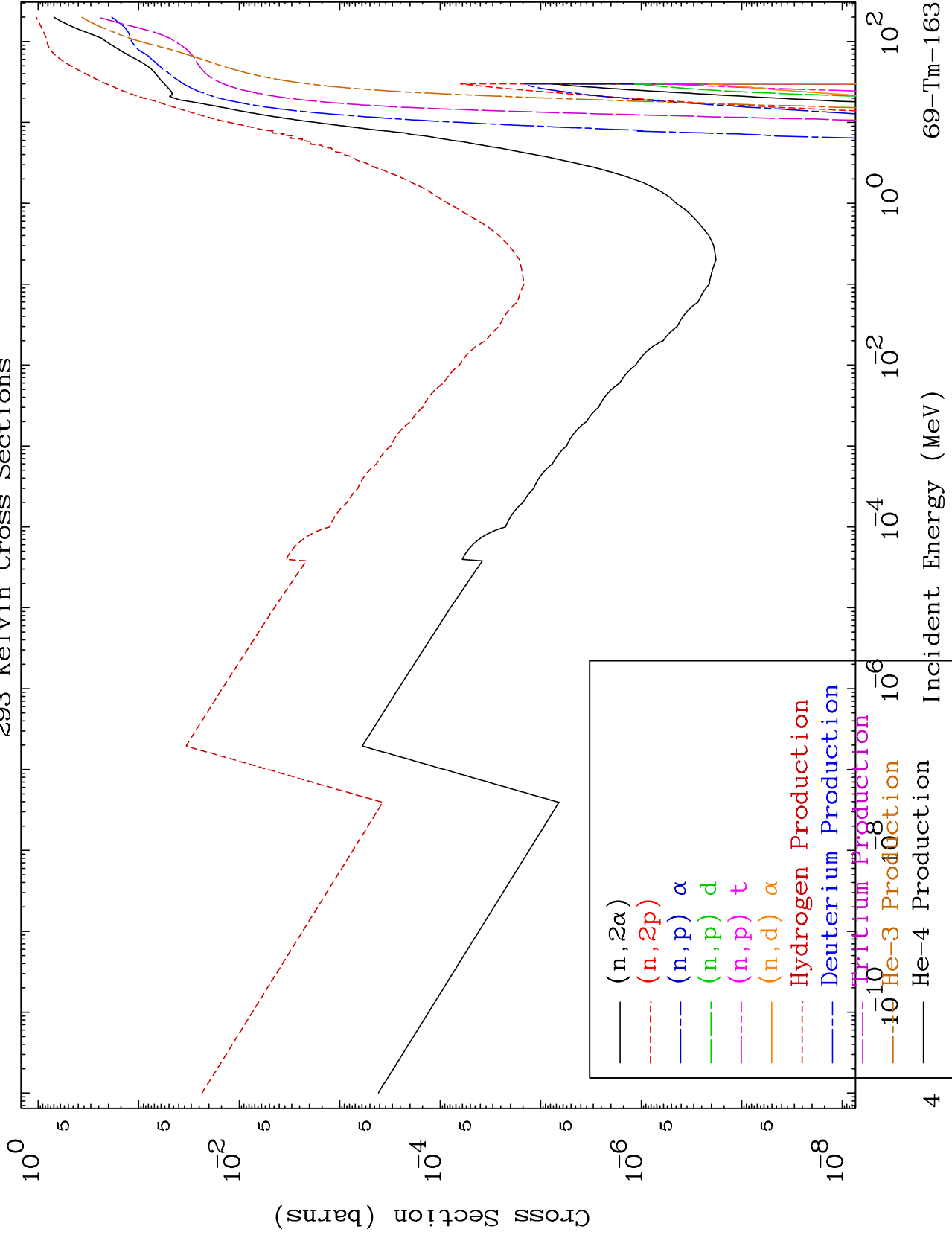




MAT 6907

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-163

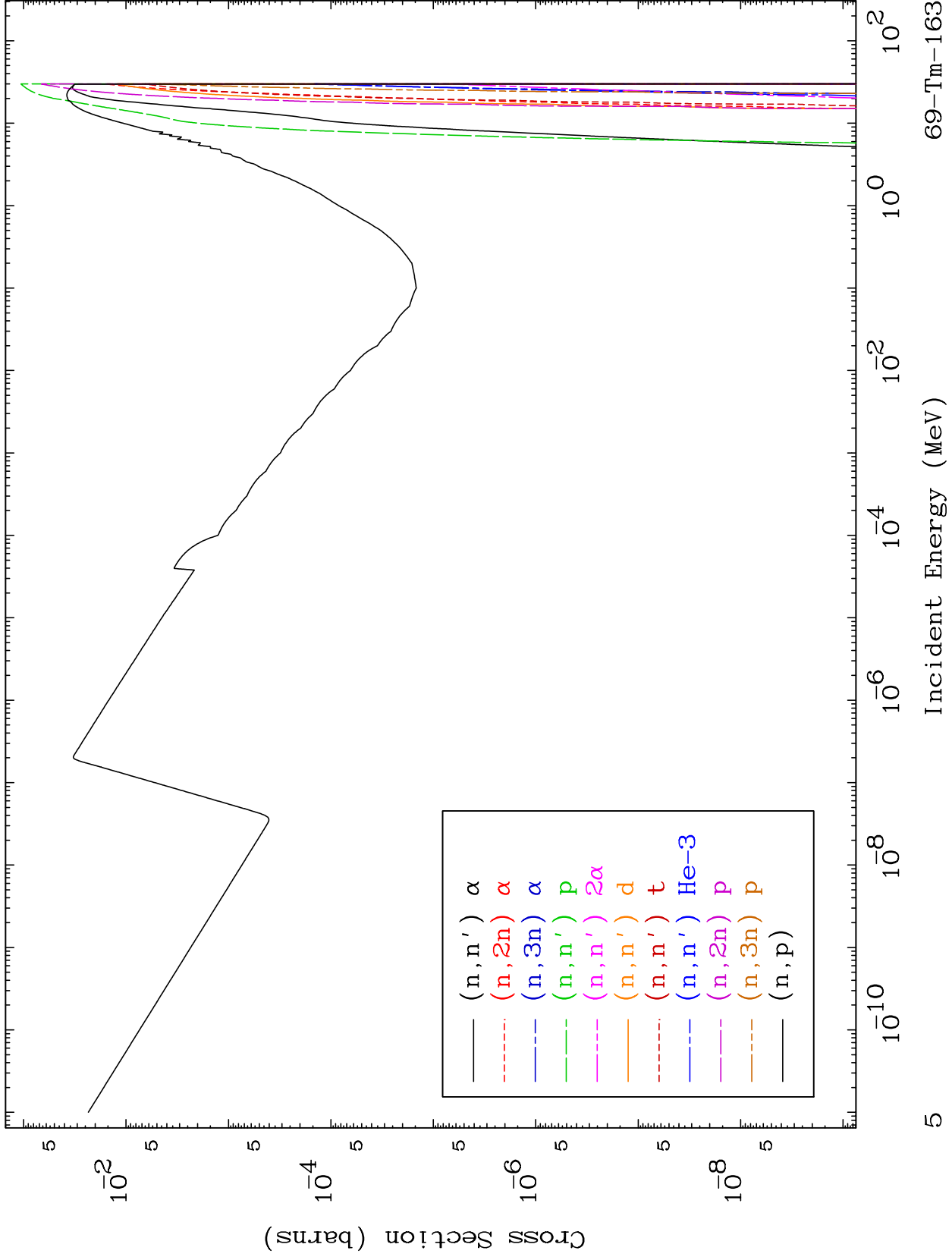


69-Tm-163

MAT 6907

Charged Particle
293 Kelvin Cross Sections

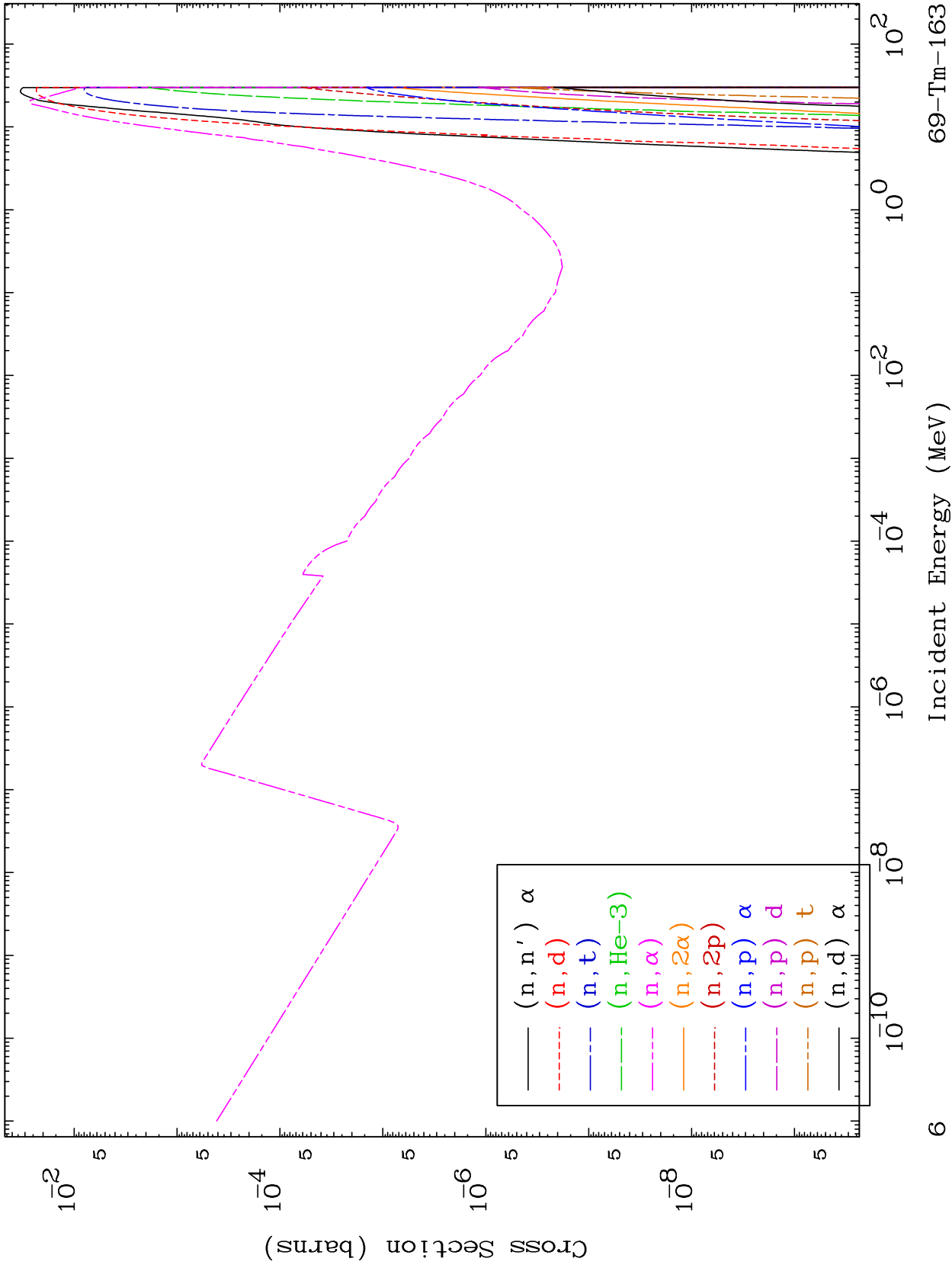
69-Tm-163



MAT 6907

Charged Particle
293 Kelvin Cross Sections

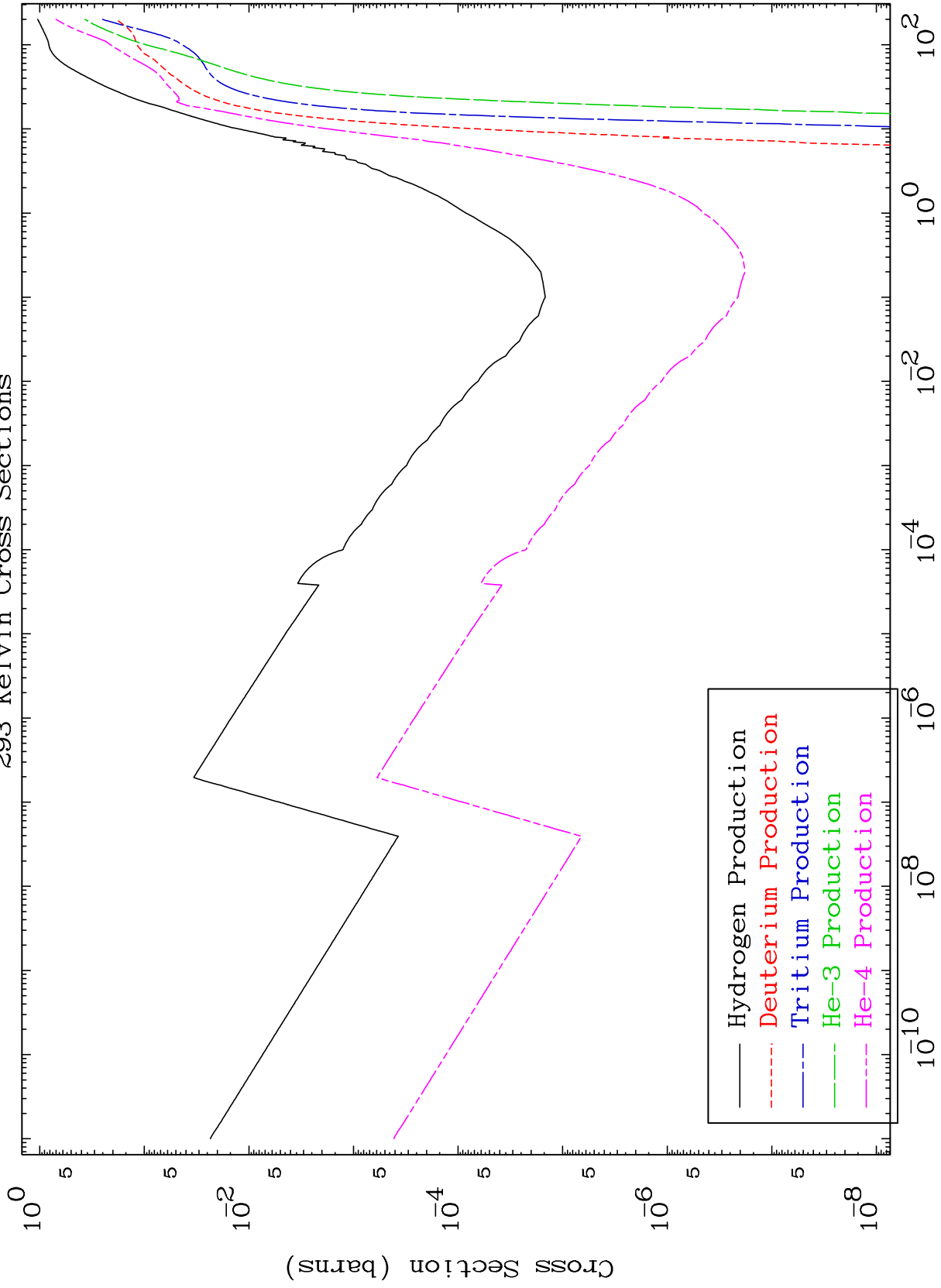
69-Tm-163



MAT 6907

Particle Production
293 Kelvin Cross Sections

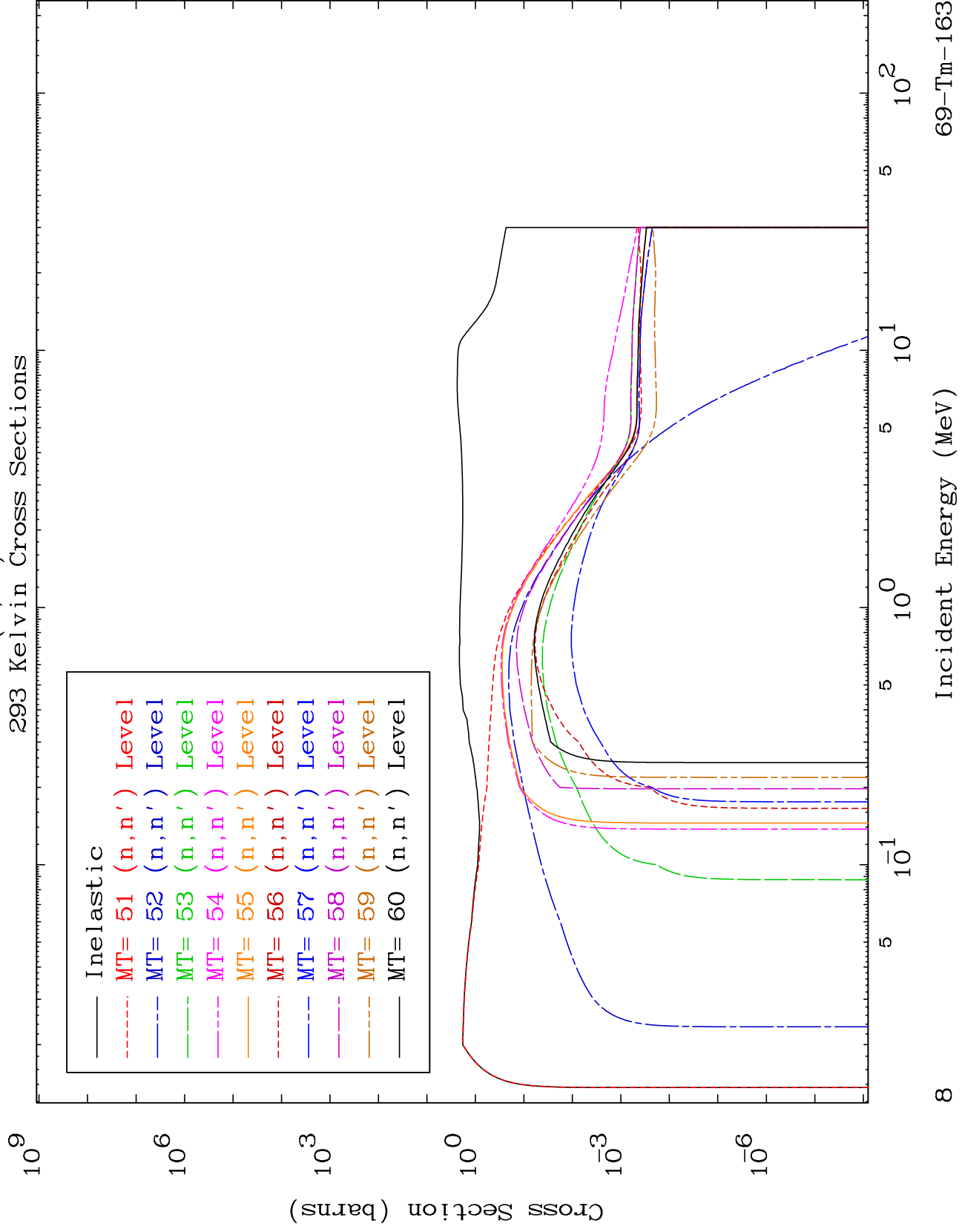
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MAT 6907

(n,n') Levels
293 Kelvin Cross Sections

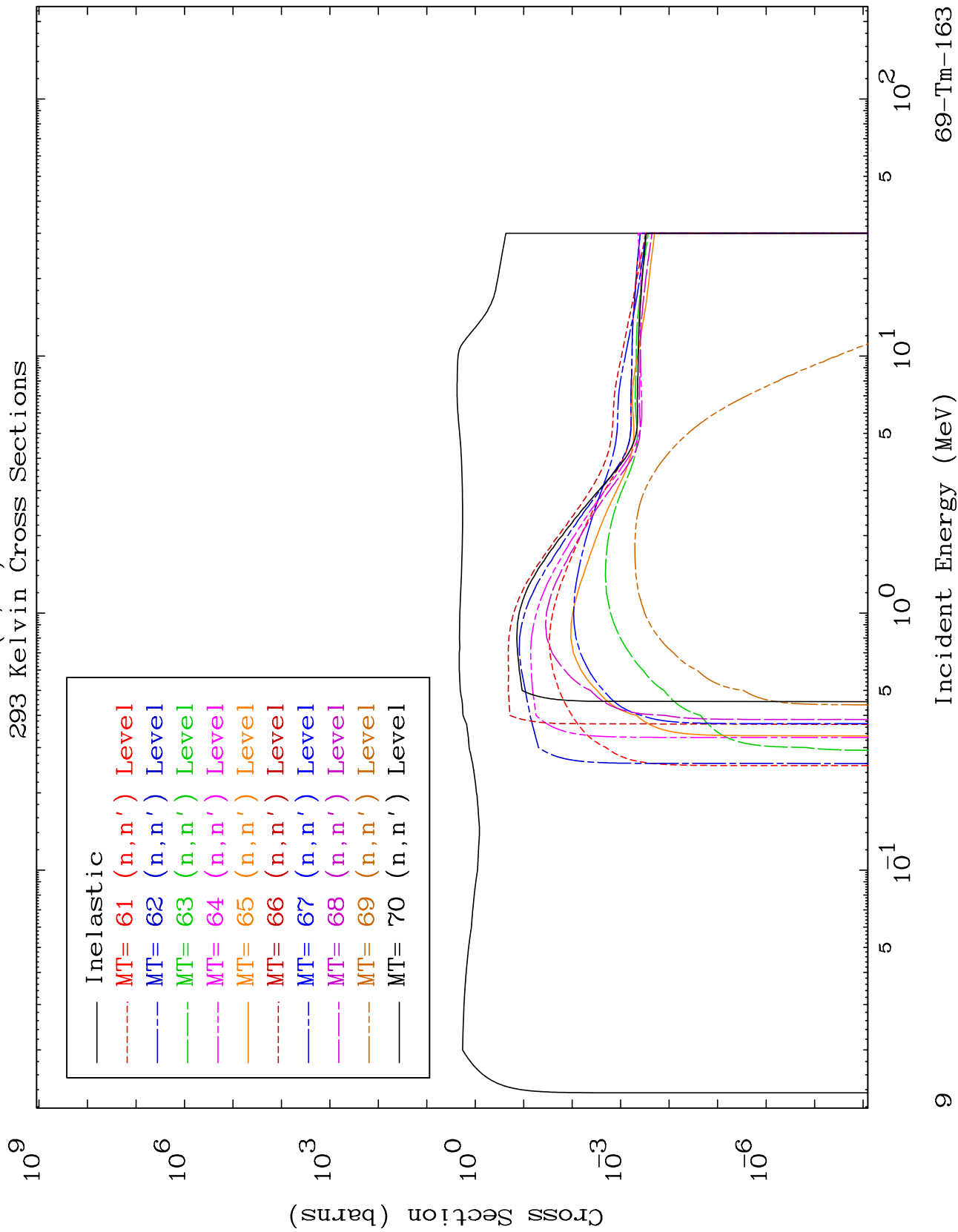
69-Tm-163



MAT 6907

69-Tm-163

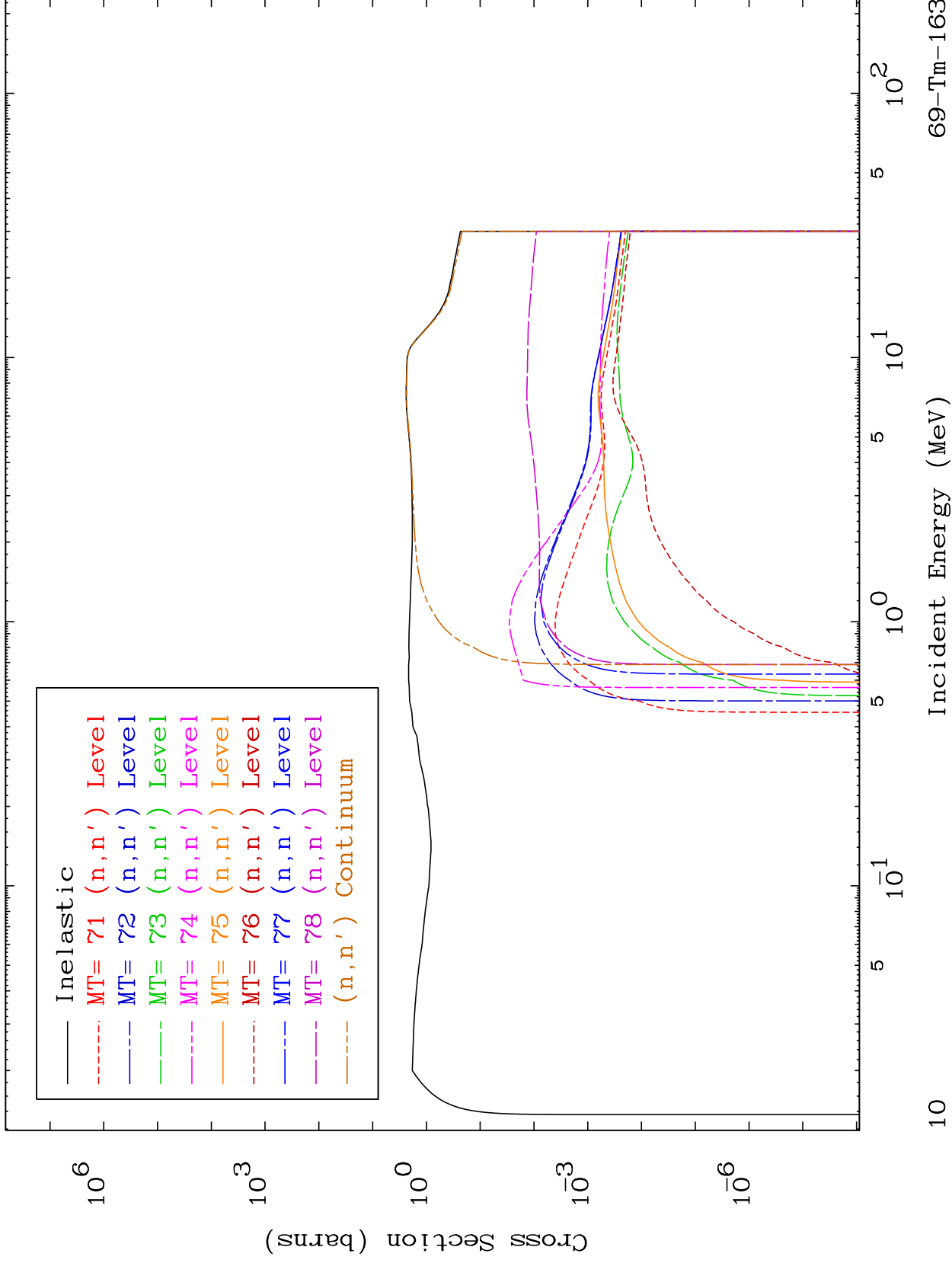
(n,n') Levels
293 Kelvin Cross Sections



MAT 6907

(n,n') Levels
293 Kelvin Cross Sections

69-Tm-163



10

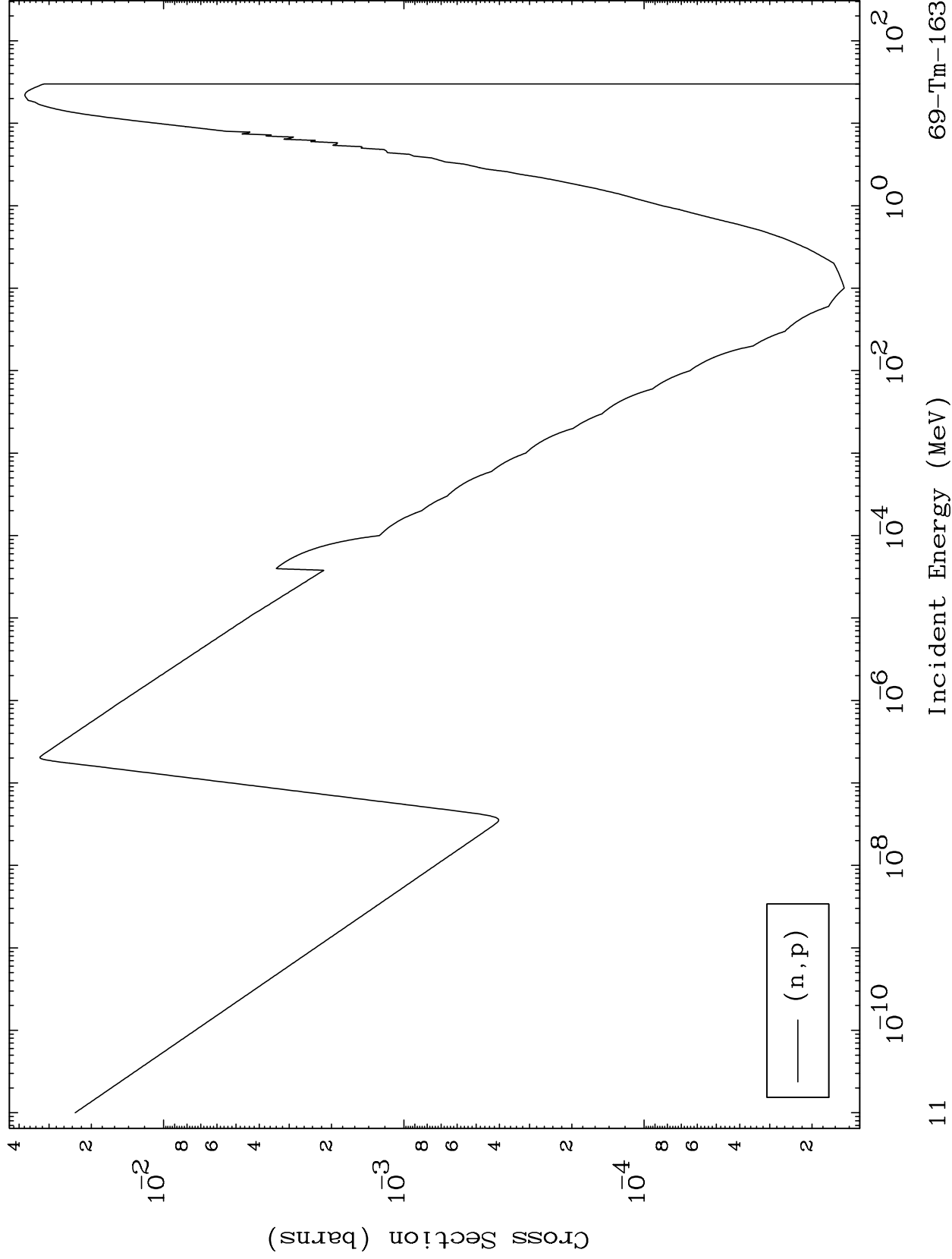
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,p) Levels
293 Kelvin Cross Sections

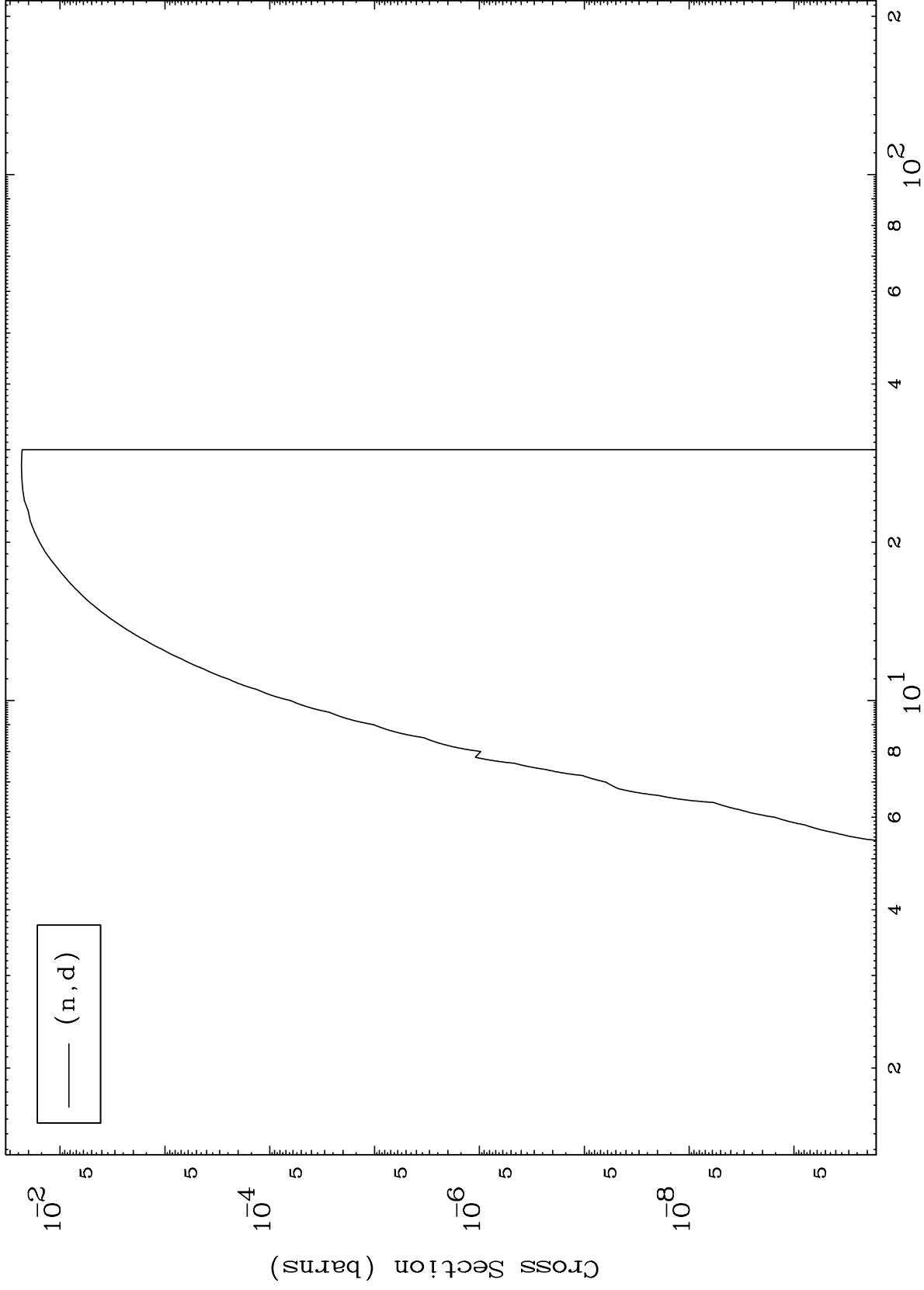
69-Tm-163



MAT 6907

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-163



12

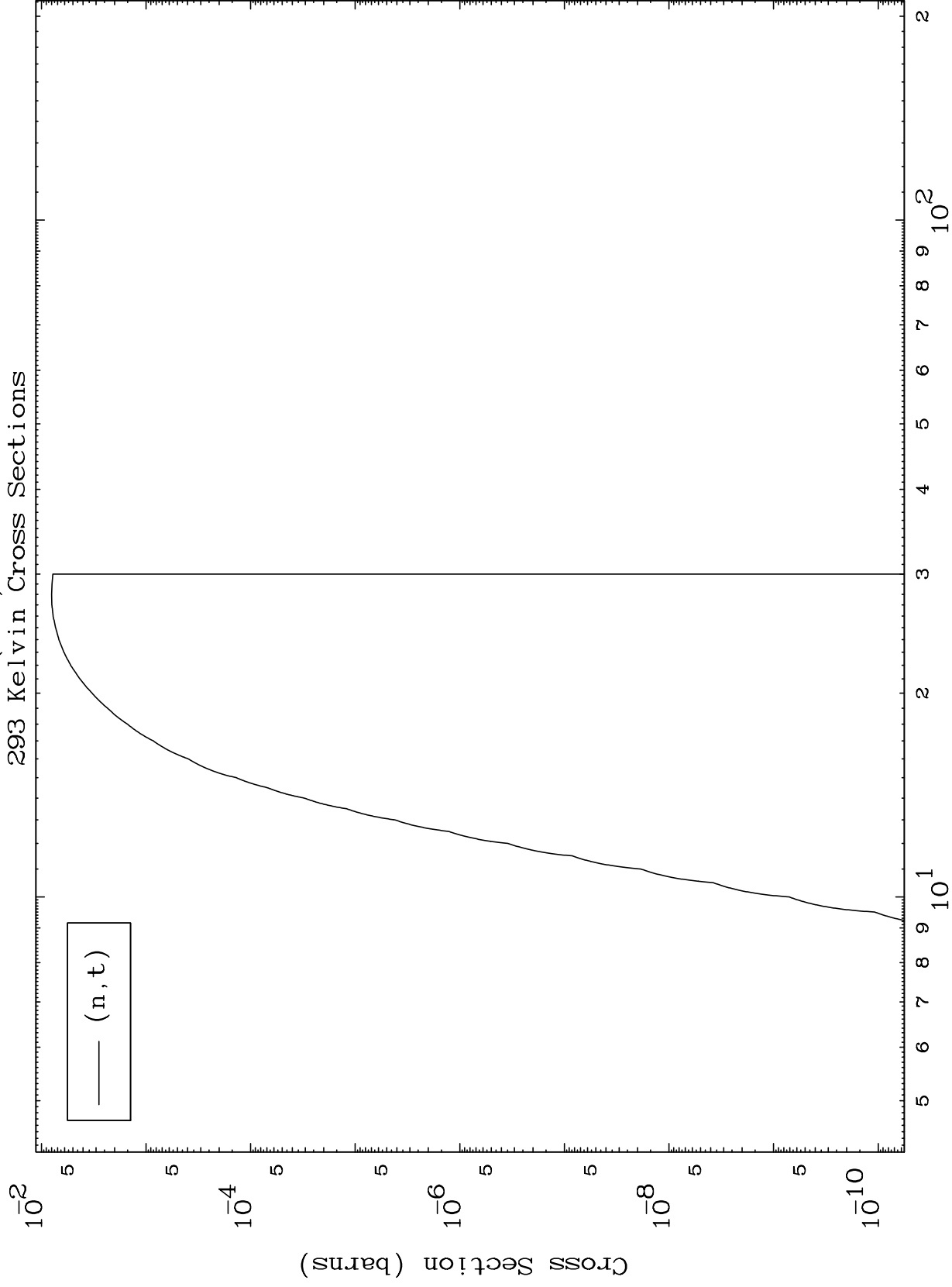
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-163



13

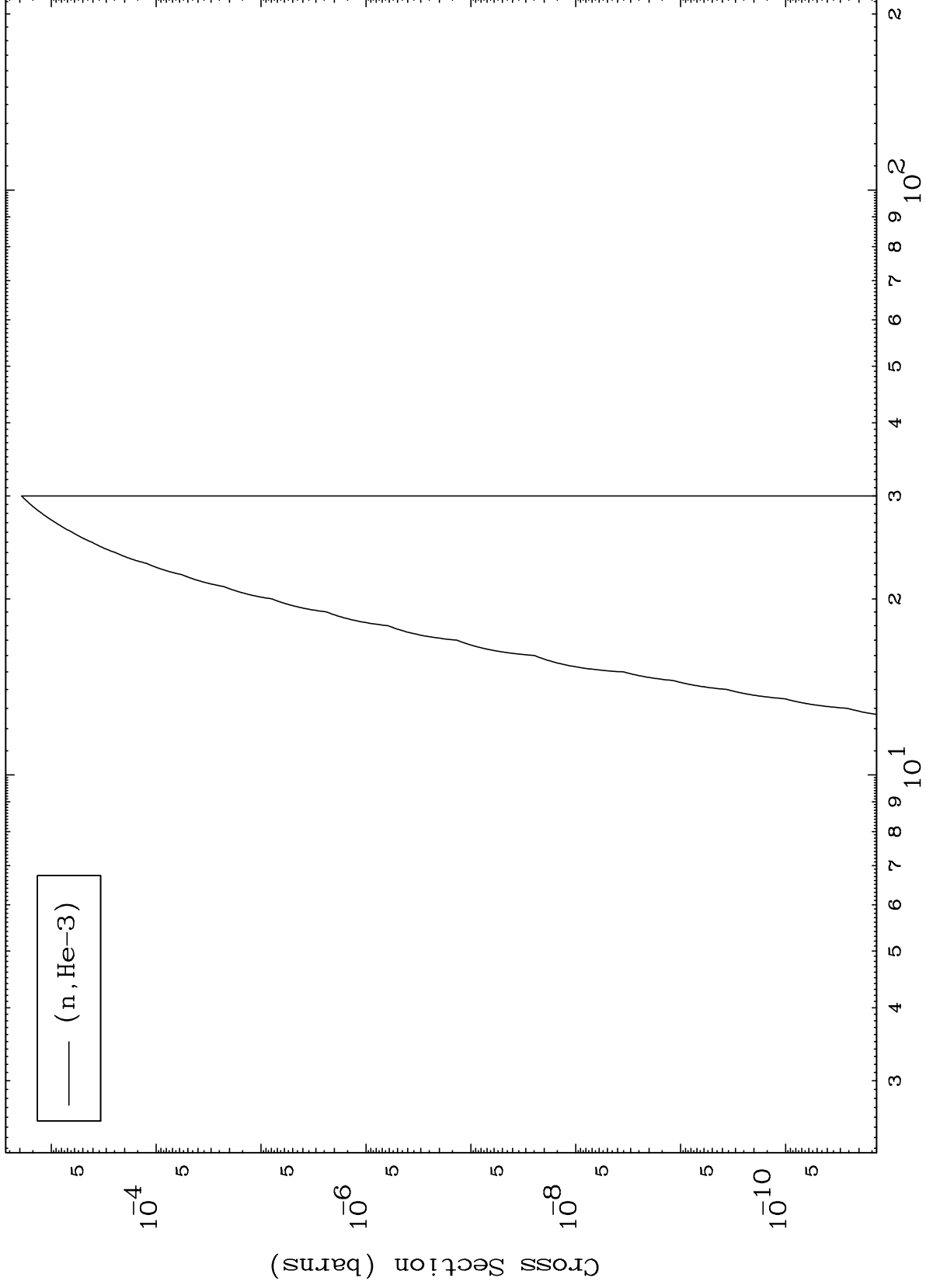
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-163



14

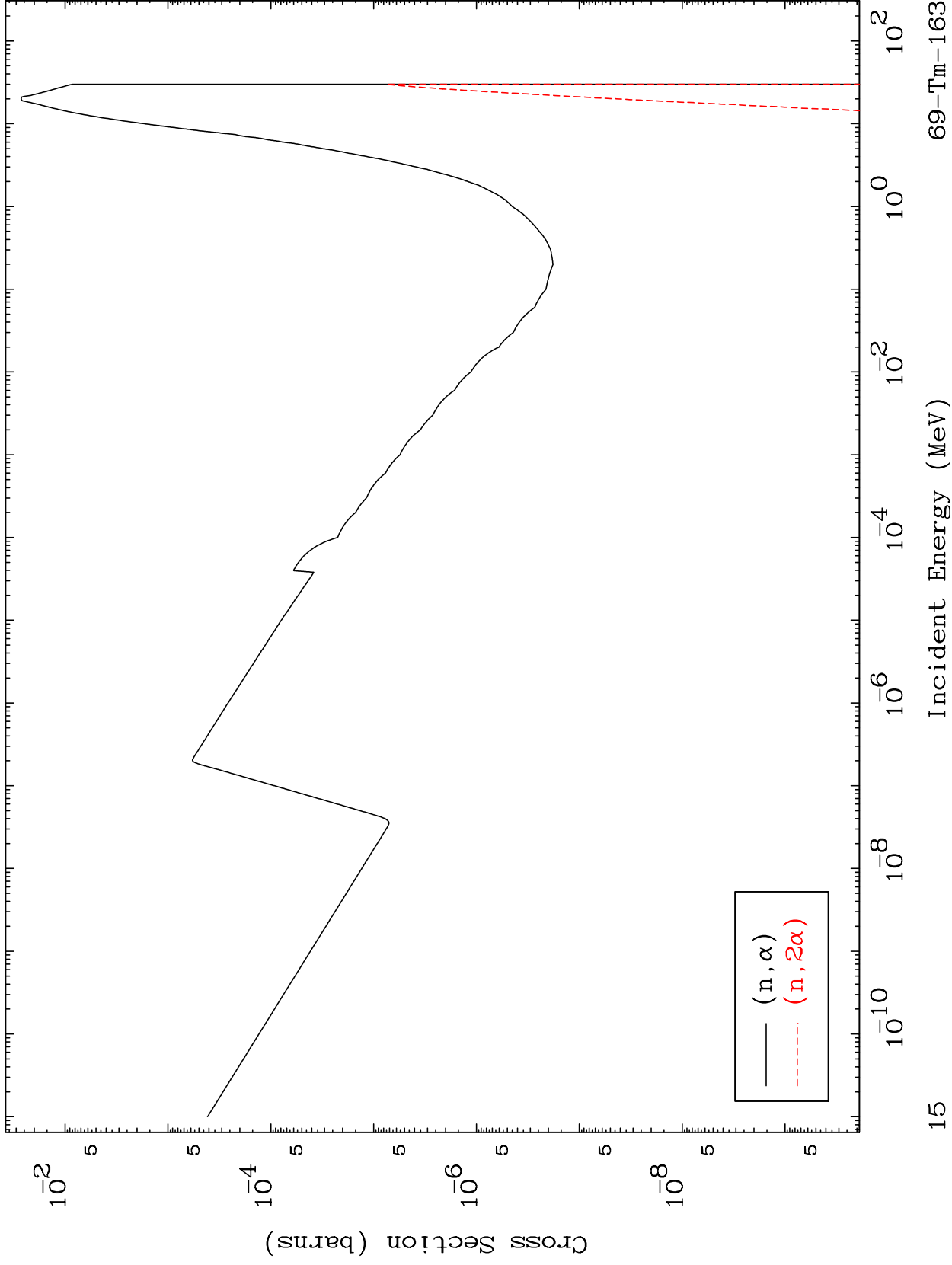
Incident Energy (MeV)

69-Tm-163

MAT 6907

(n,α) Levels
293 Kelvin Cross Sections

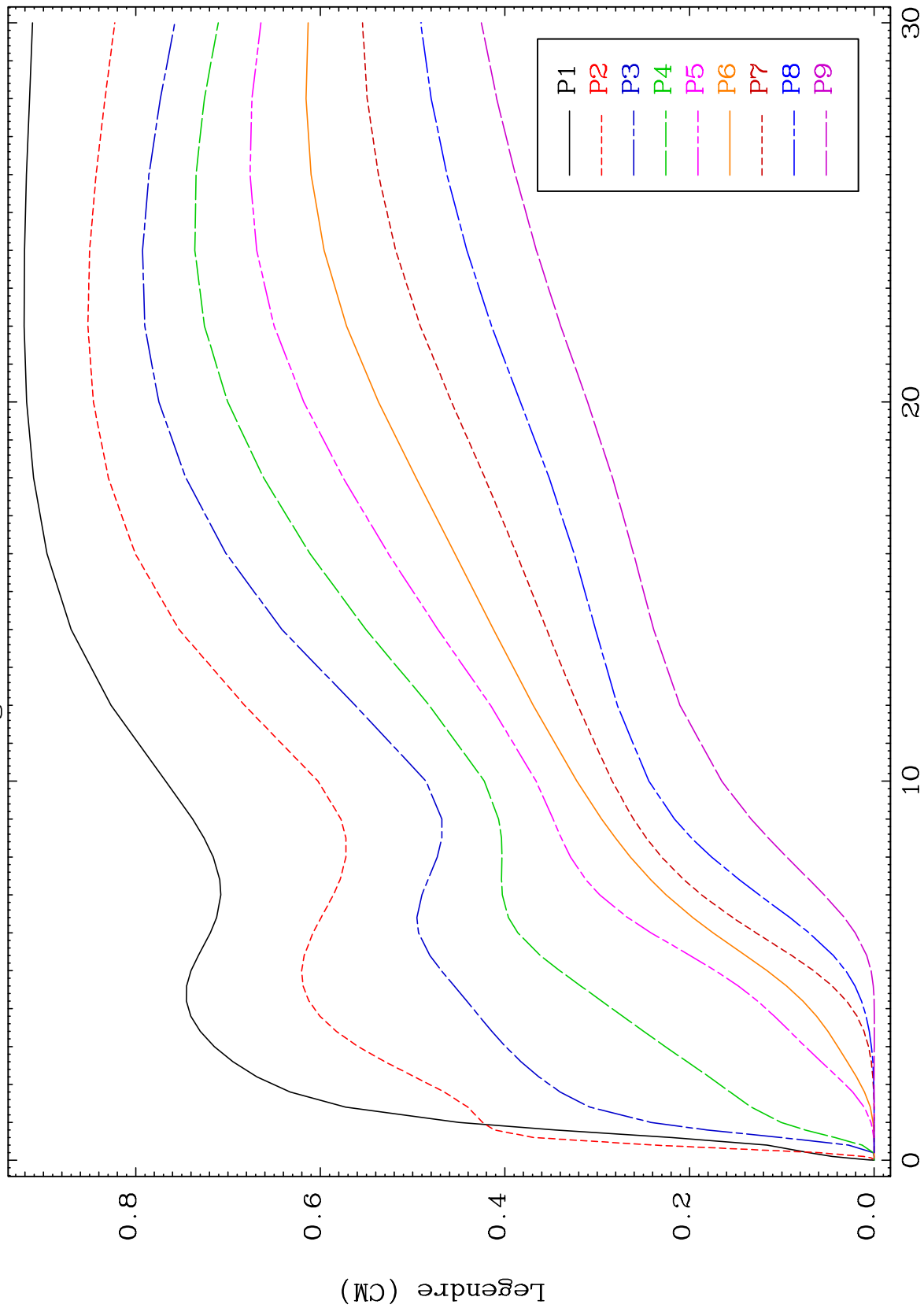
69-Tm-163



MAT 6907

Elastic Legendre Coefficients

69-Tm-163



16

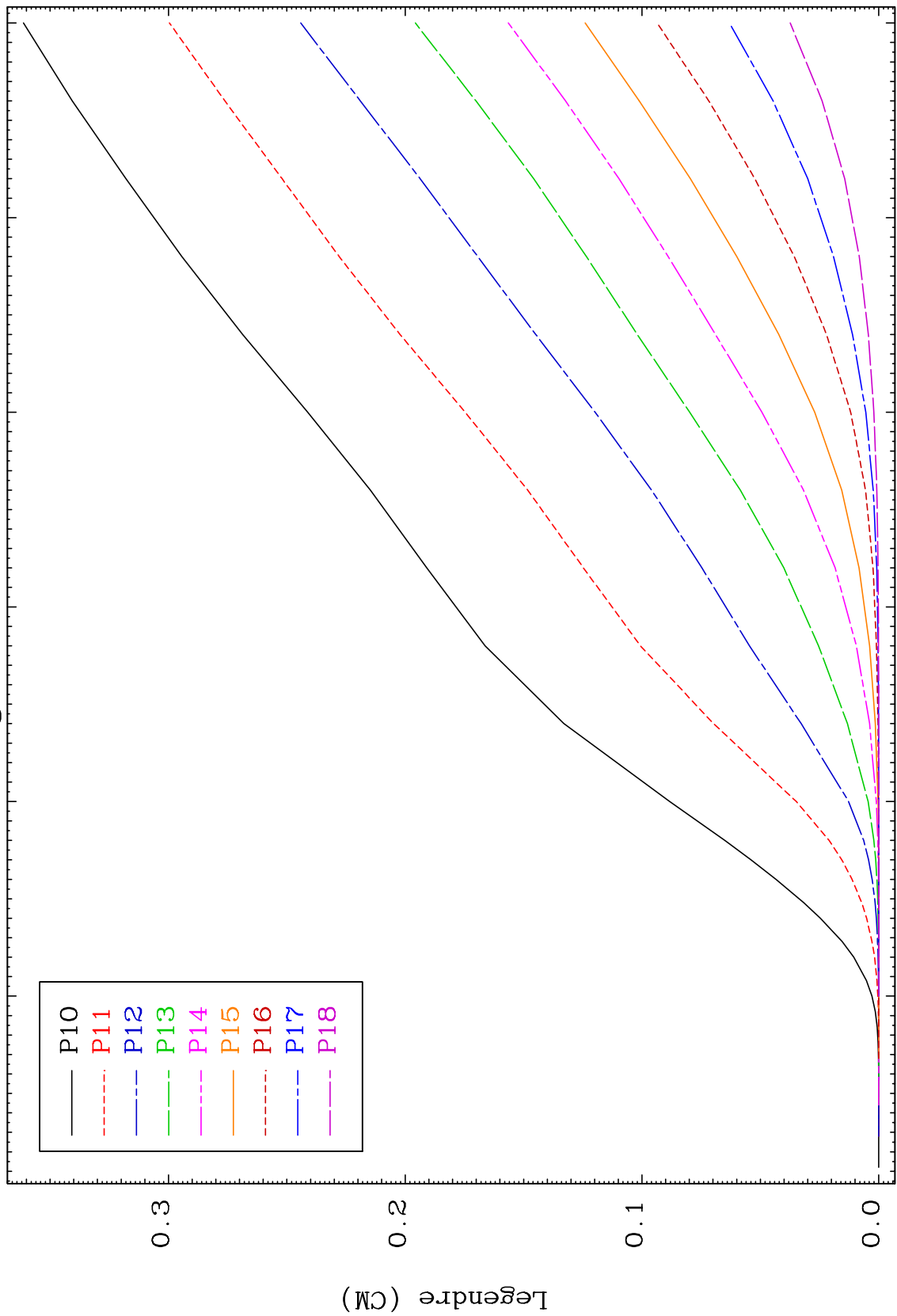
Incident Energy (MeV)

69-Tm-163

MAT 6907

Elastic Legendre Coefficients

69-Tm-163



17

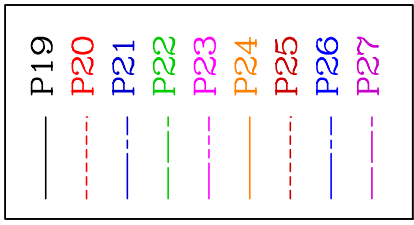
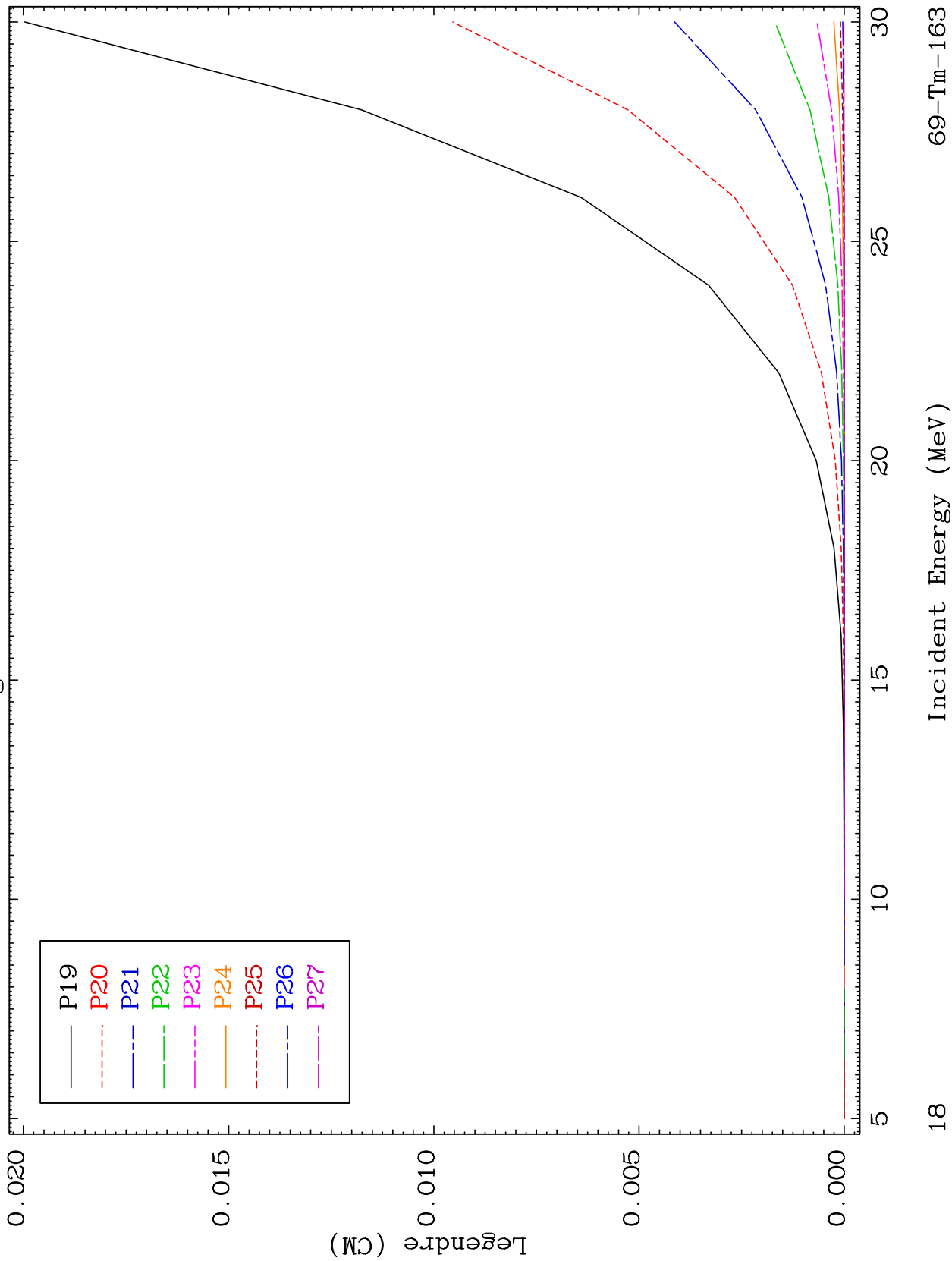
Incident Energy (MeV)

69-Tm-163

MAT 6907

Elastic
Legendre Coefficients

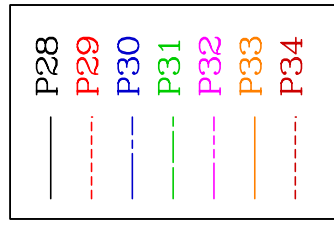
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MAT 6907

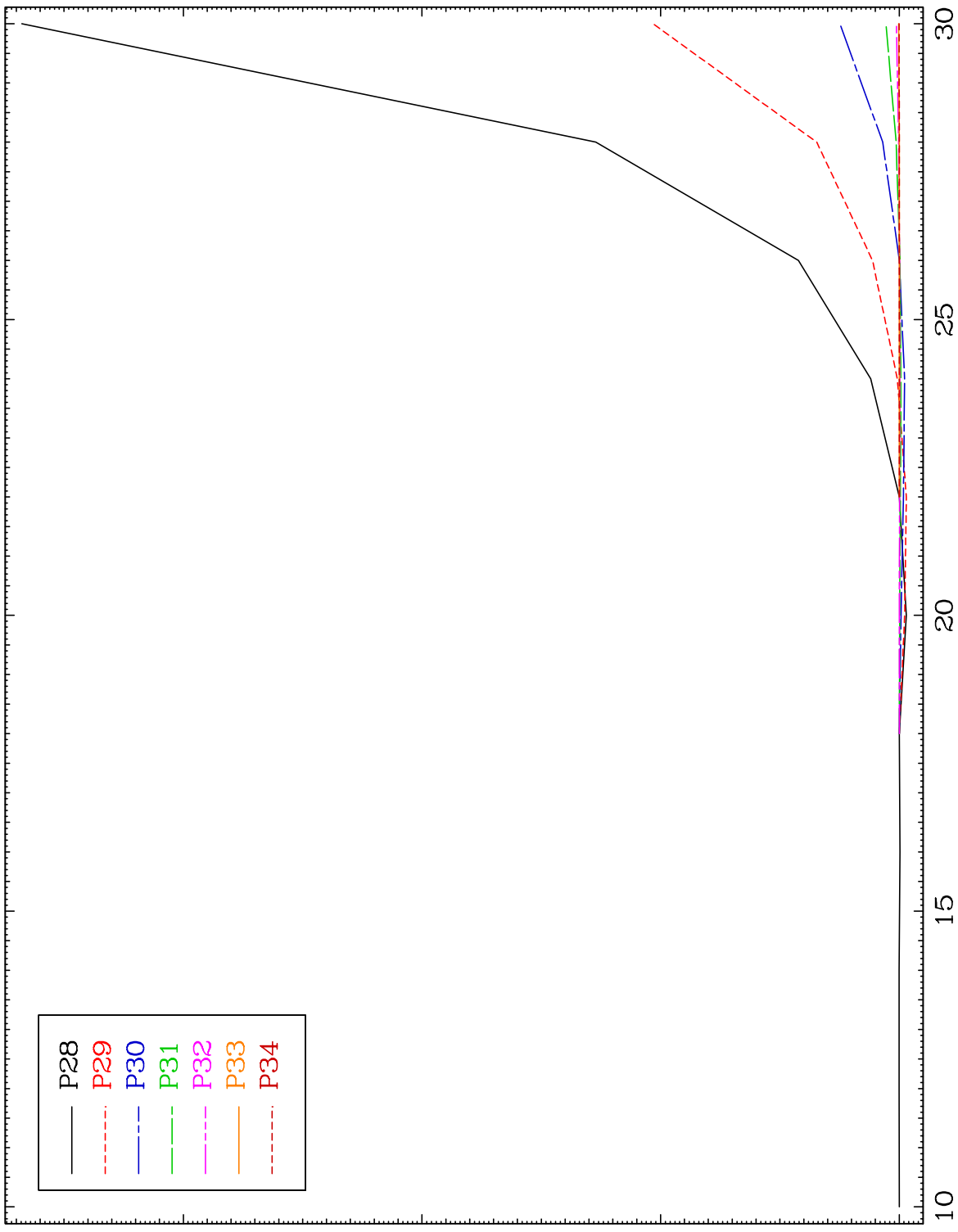
Elastic
Legendre Coefficients

69-Tm-163



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

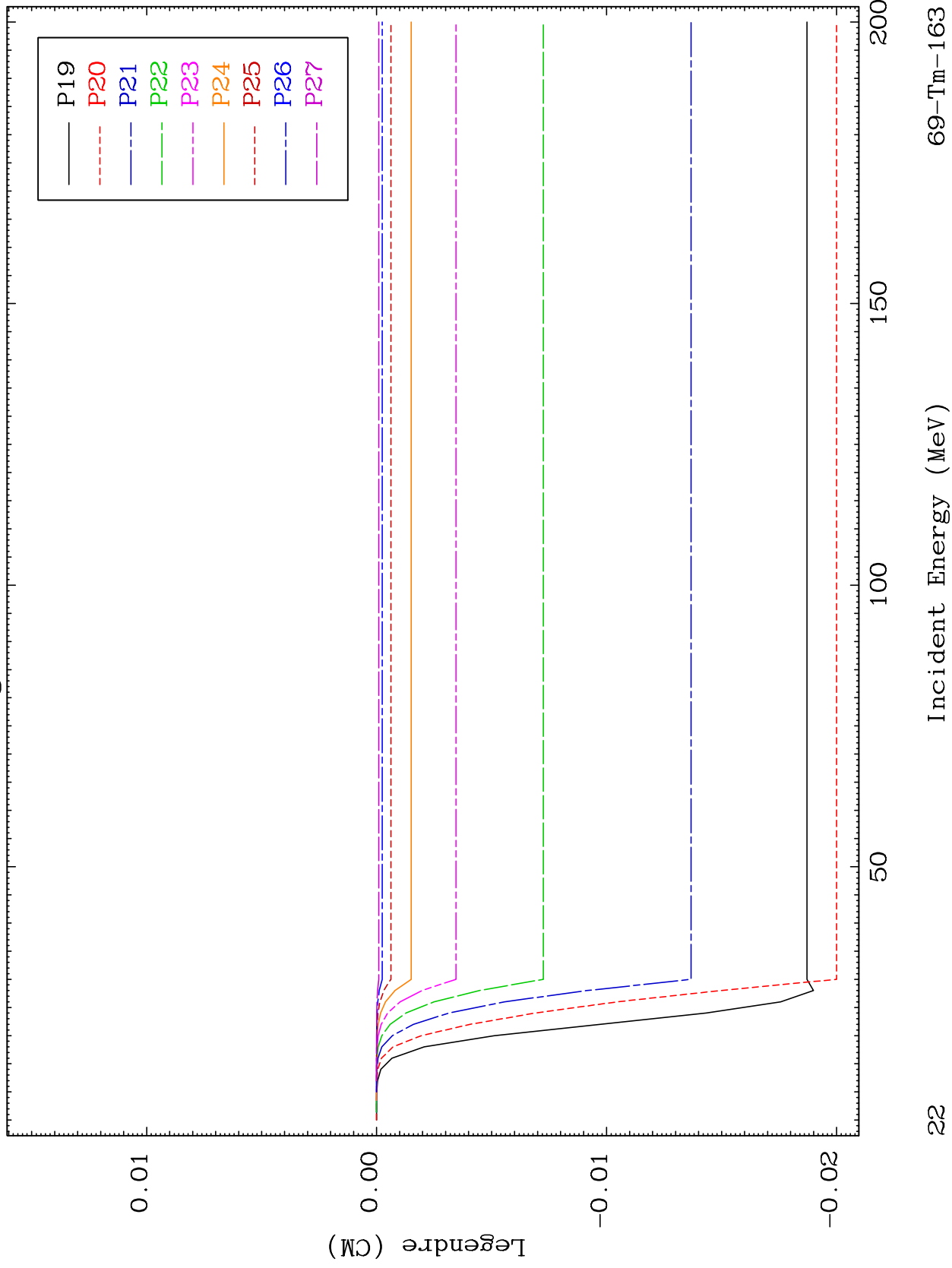
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

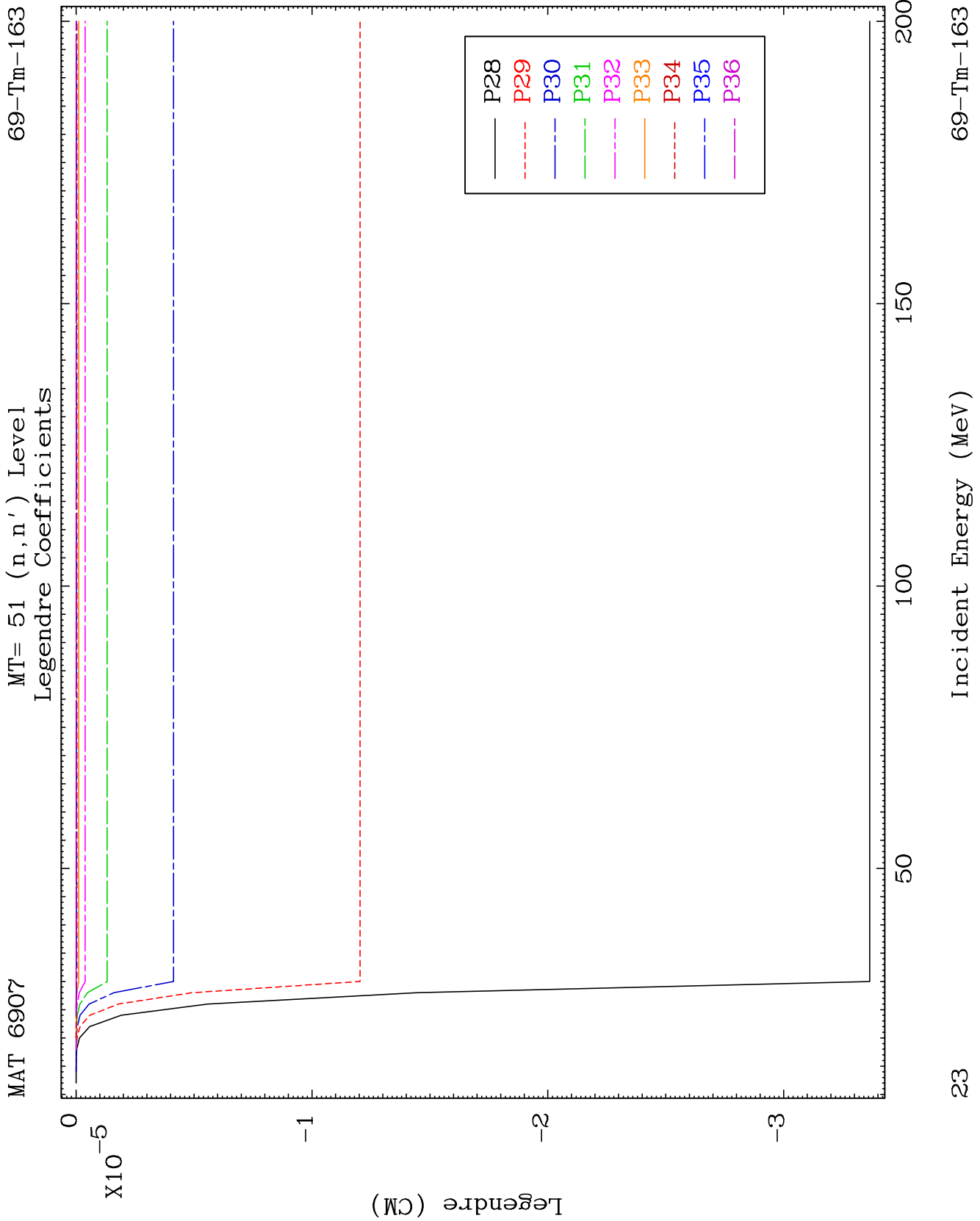
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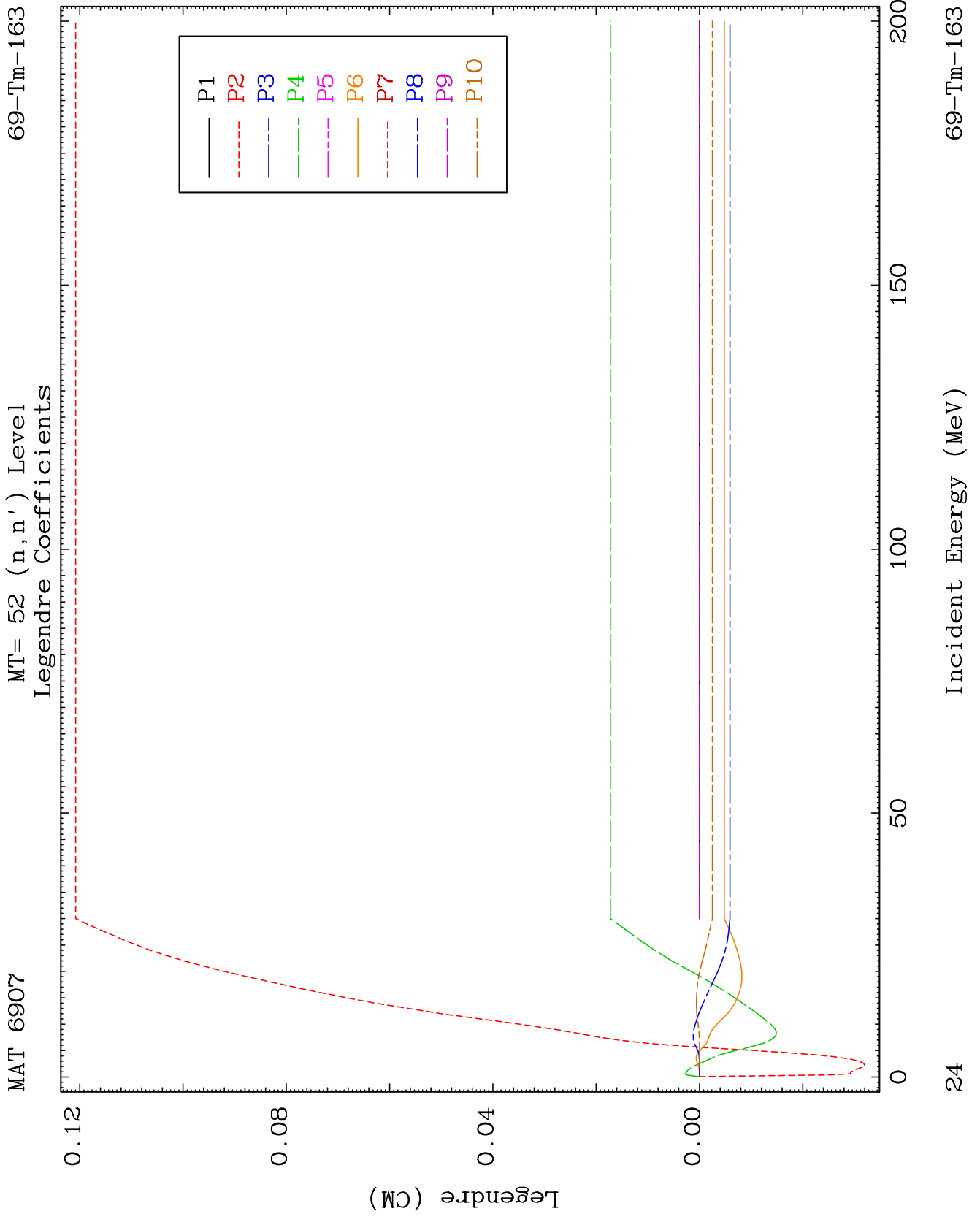


22

Incident Energy (MeV)

69-Tm-163

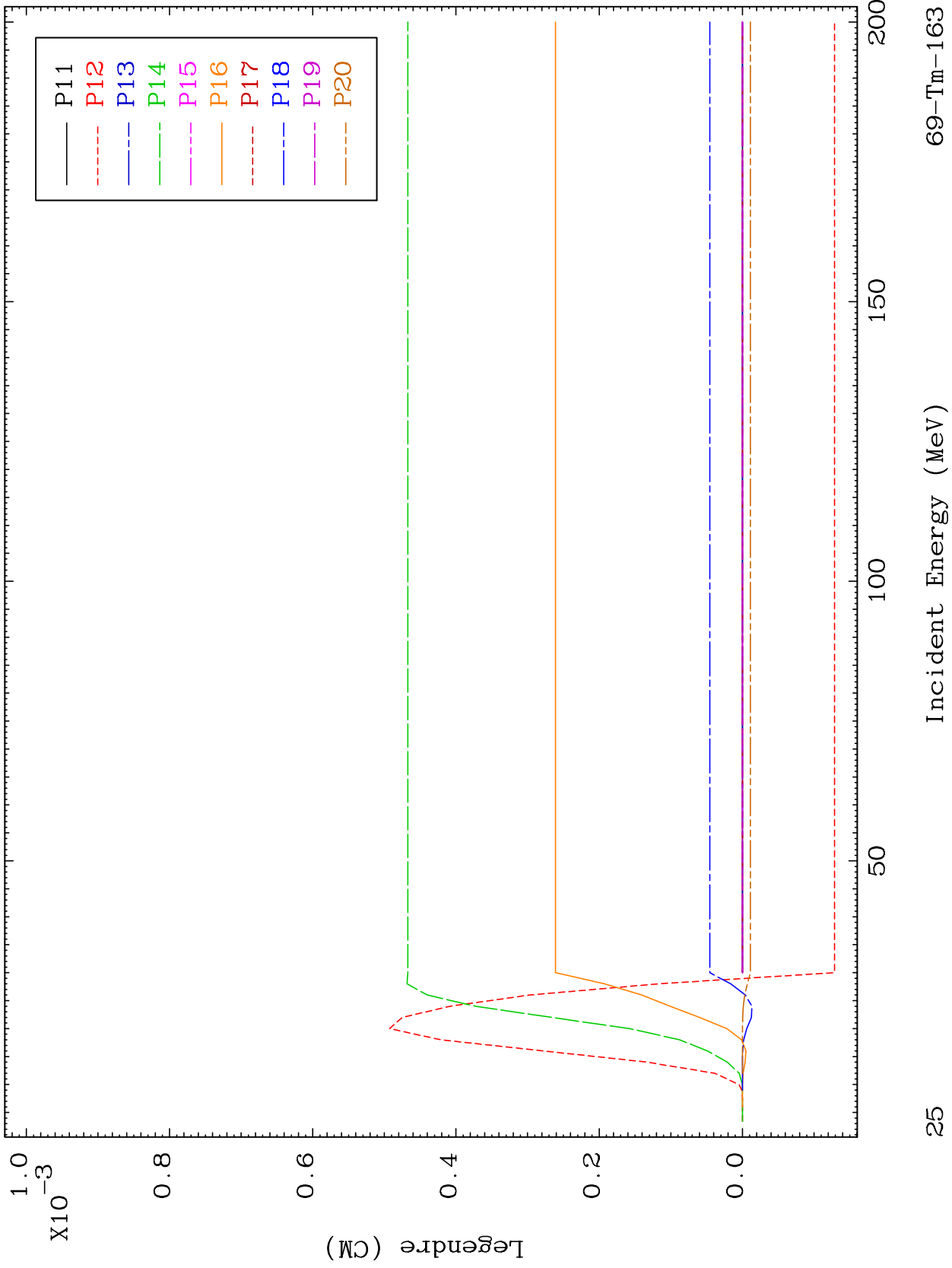




MAT 6907

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

69-Tm-163



25

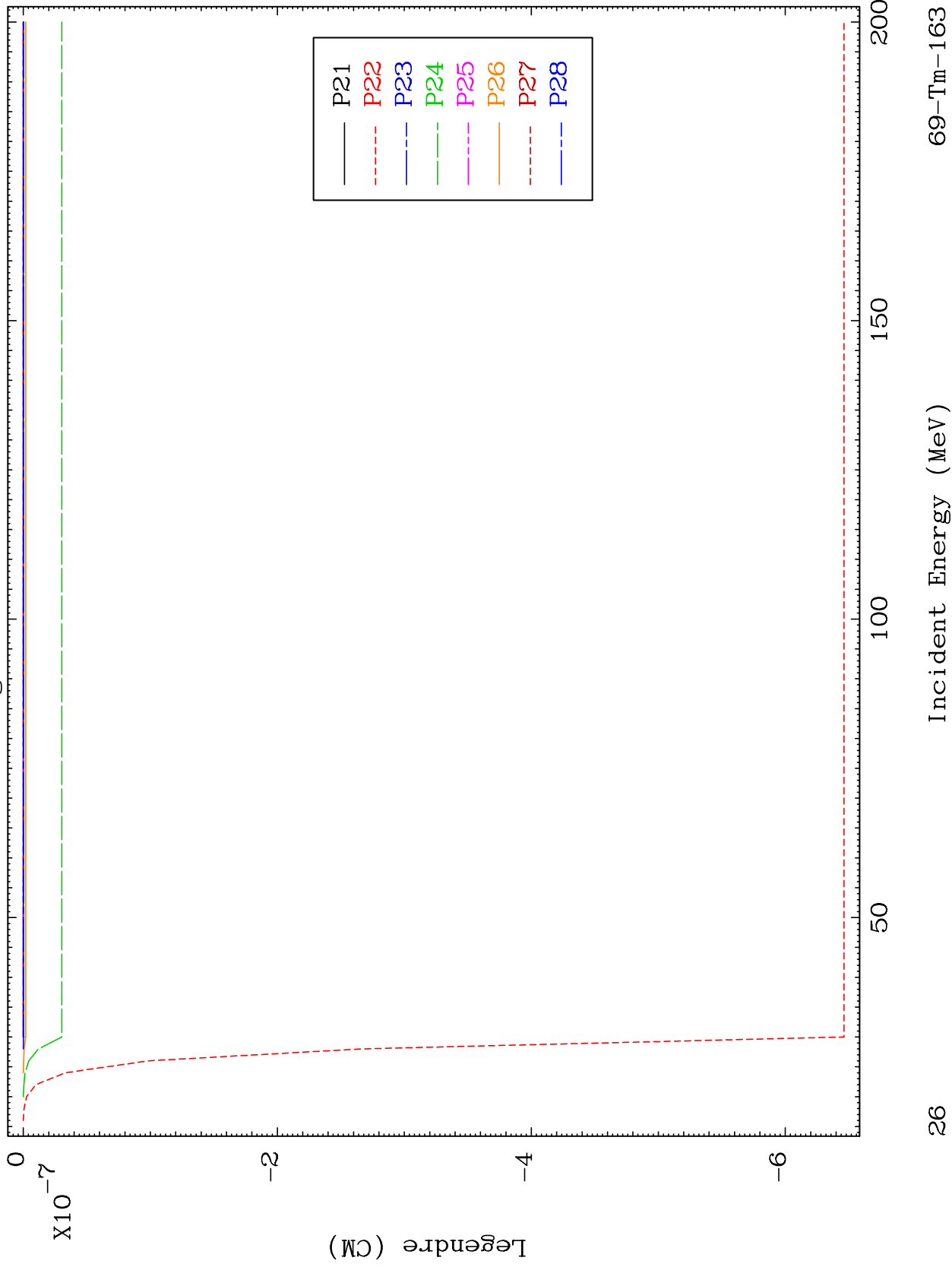
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



26

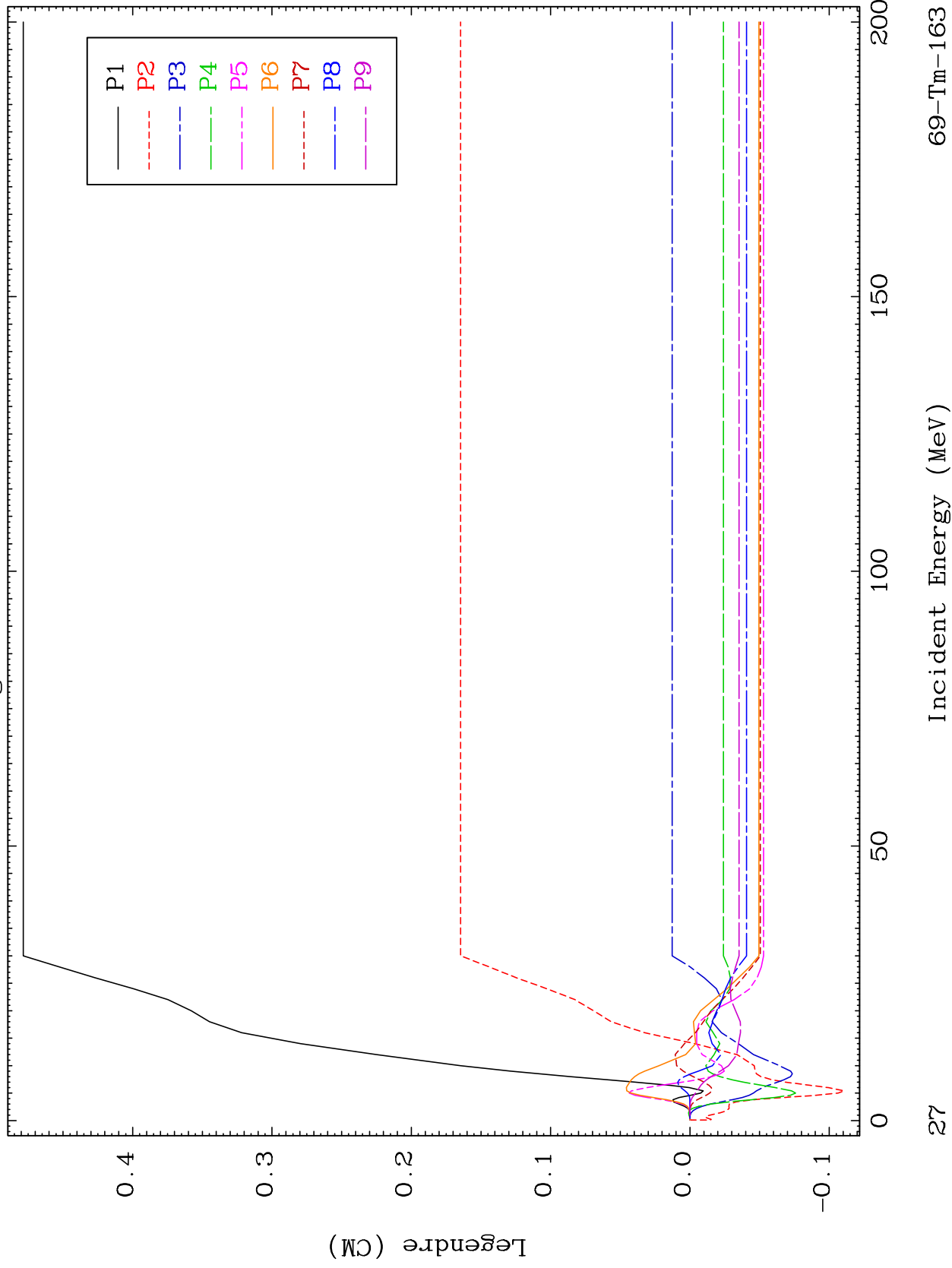
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

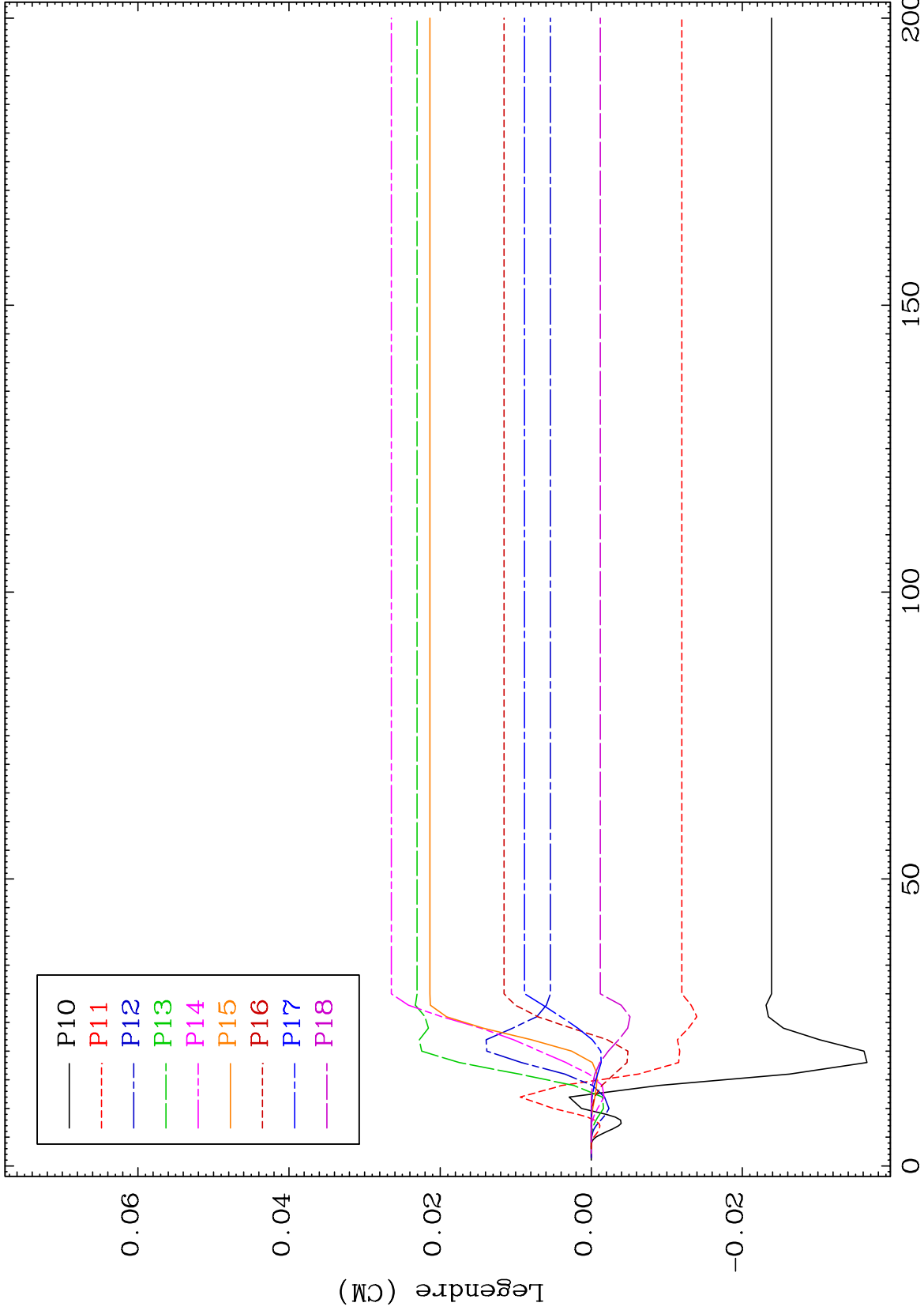
Incident Energy (MeV)

27

MAT 6907

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

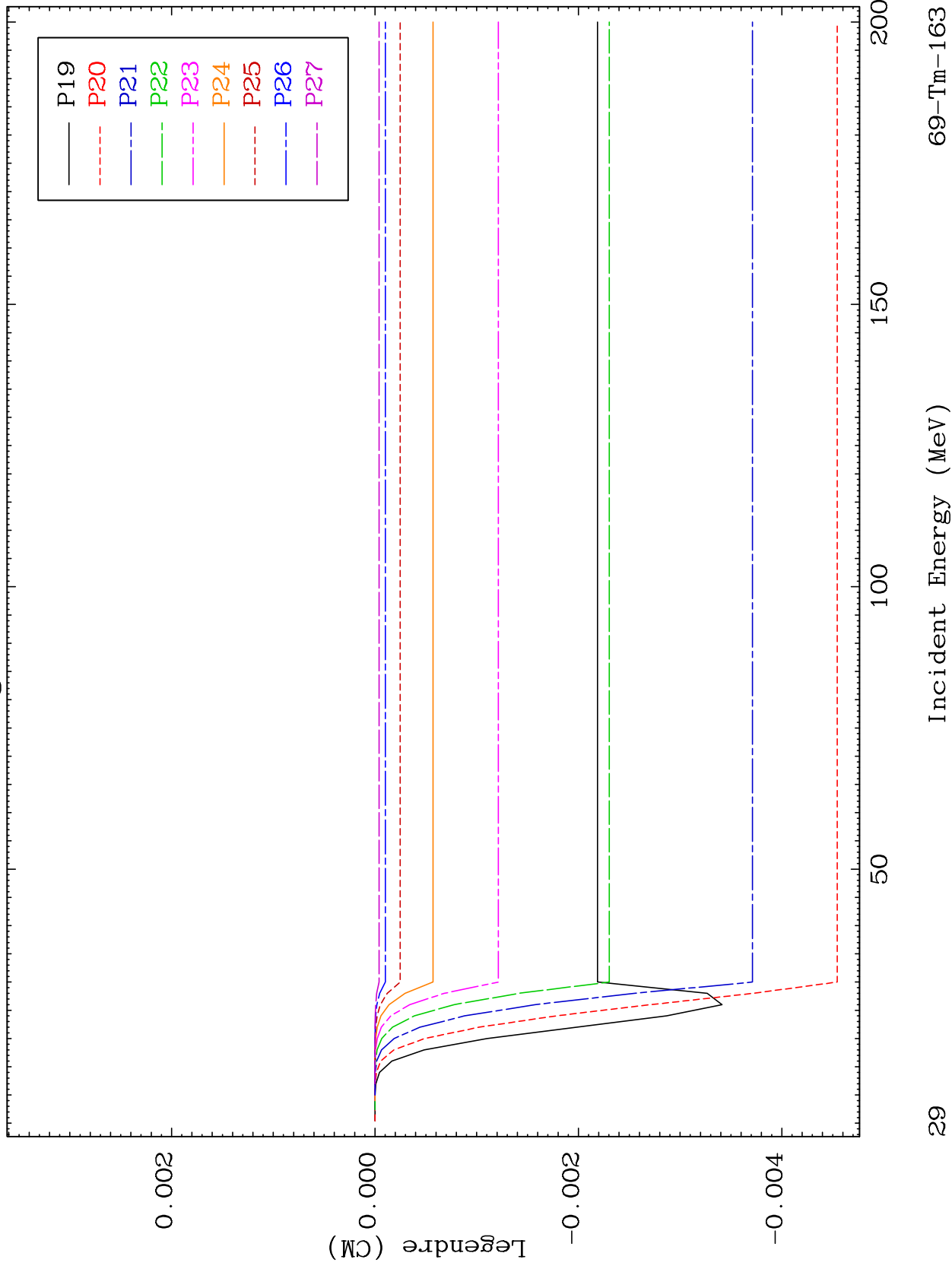
69-Tm-163



28

Incident Energy (MeV)

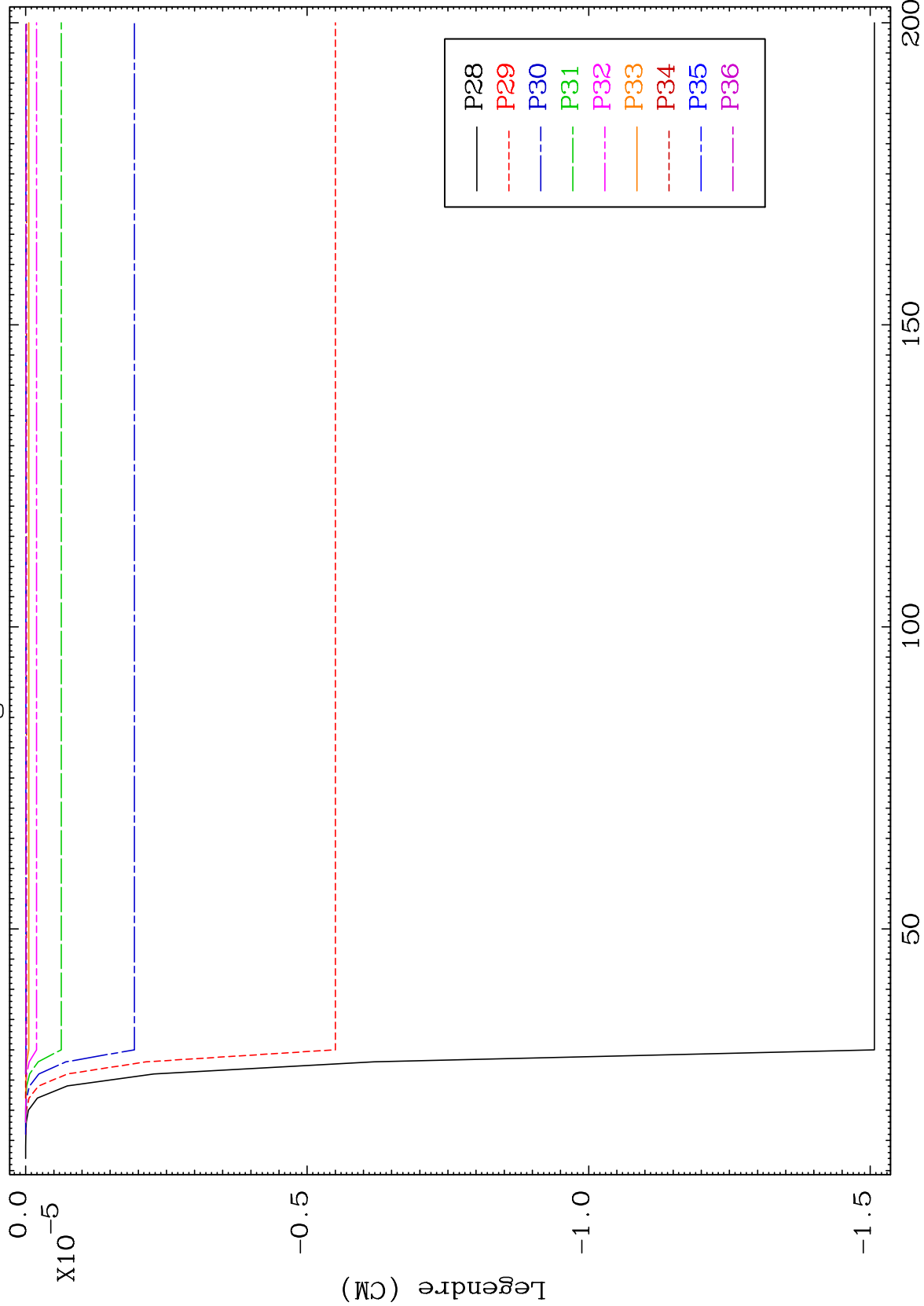
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

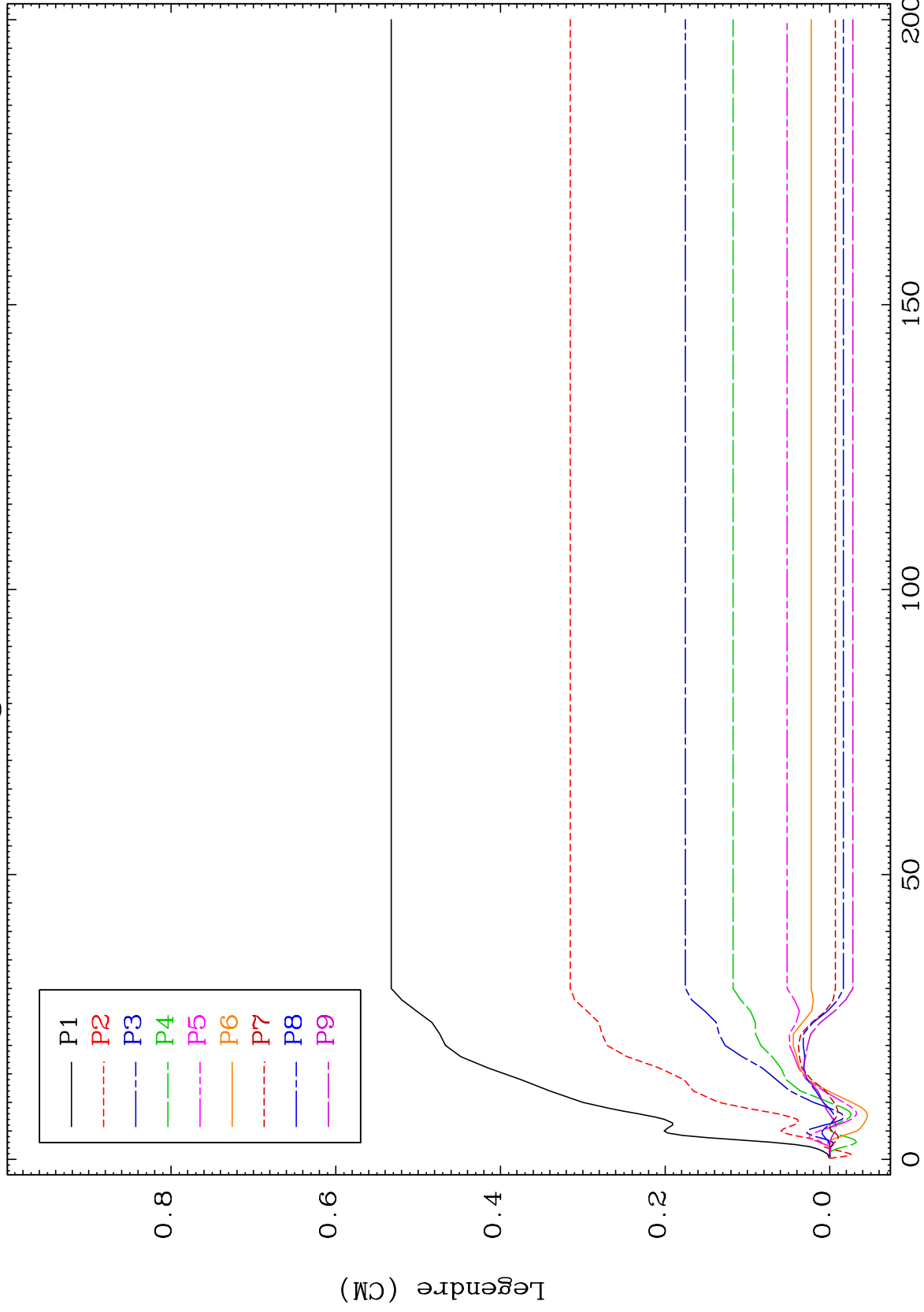
Incident Energy (MeV)

30

MAT 6907

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

69-Tm-163



31

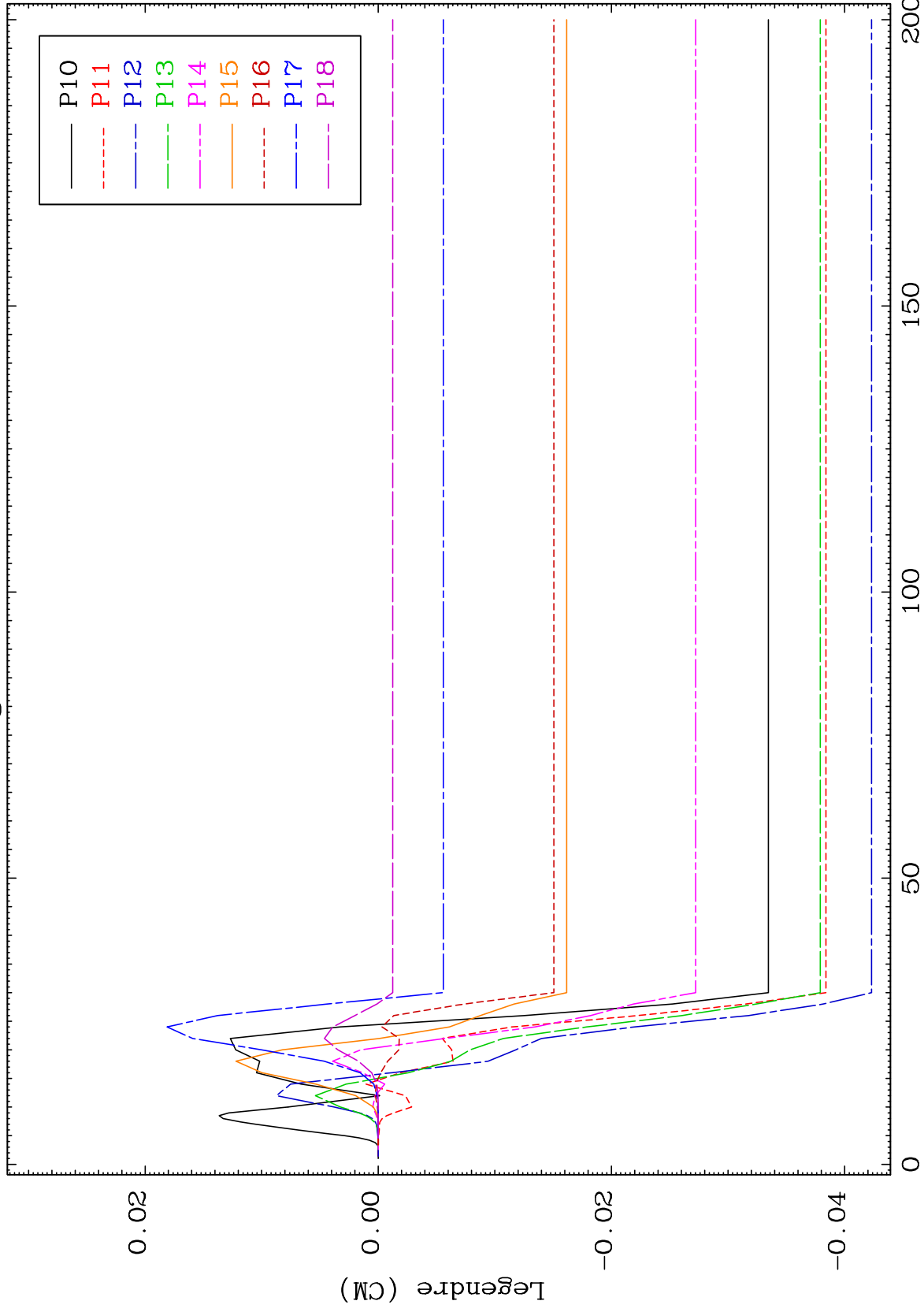
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

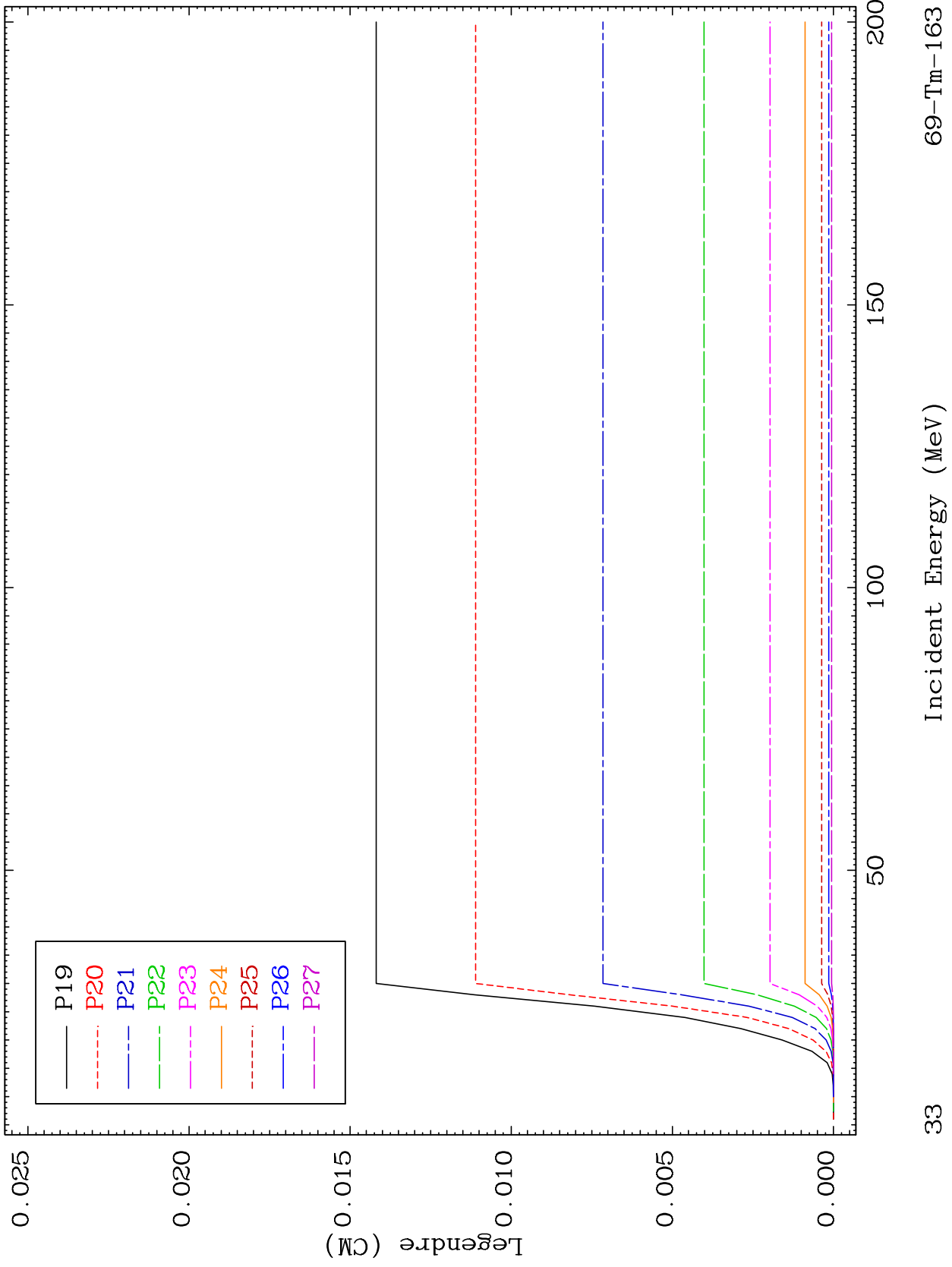
69-Tm-163



32

Incident Energy (MeV)

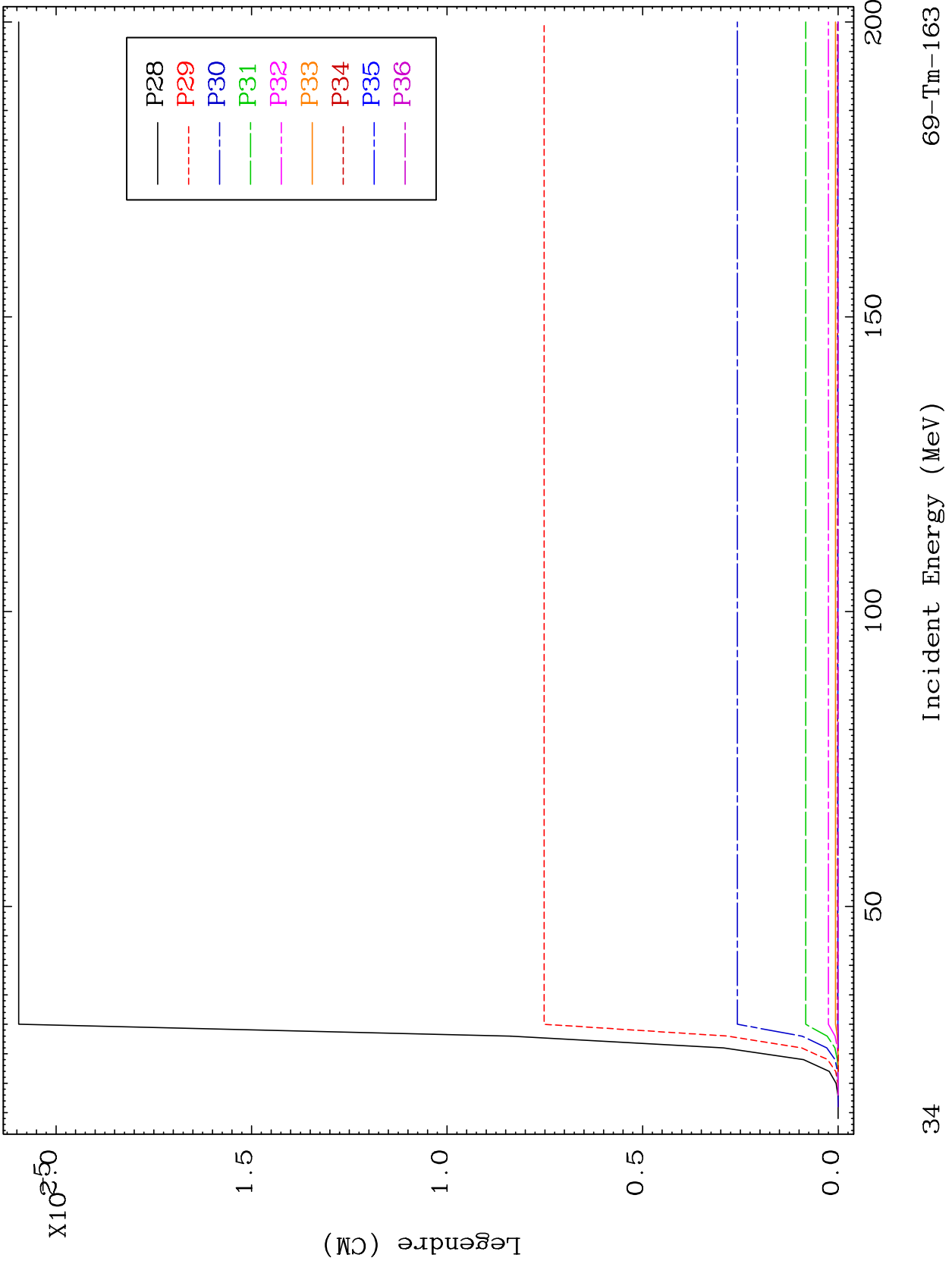
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MAT 6907

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

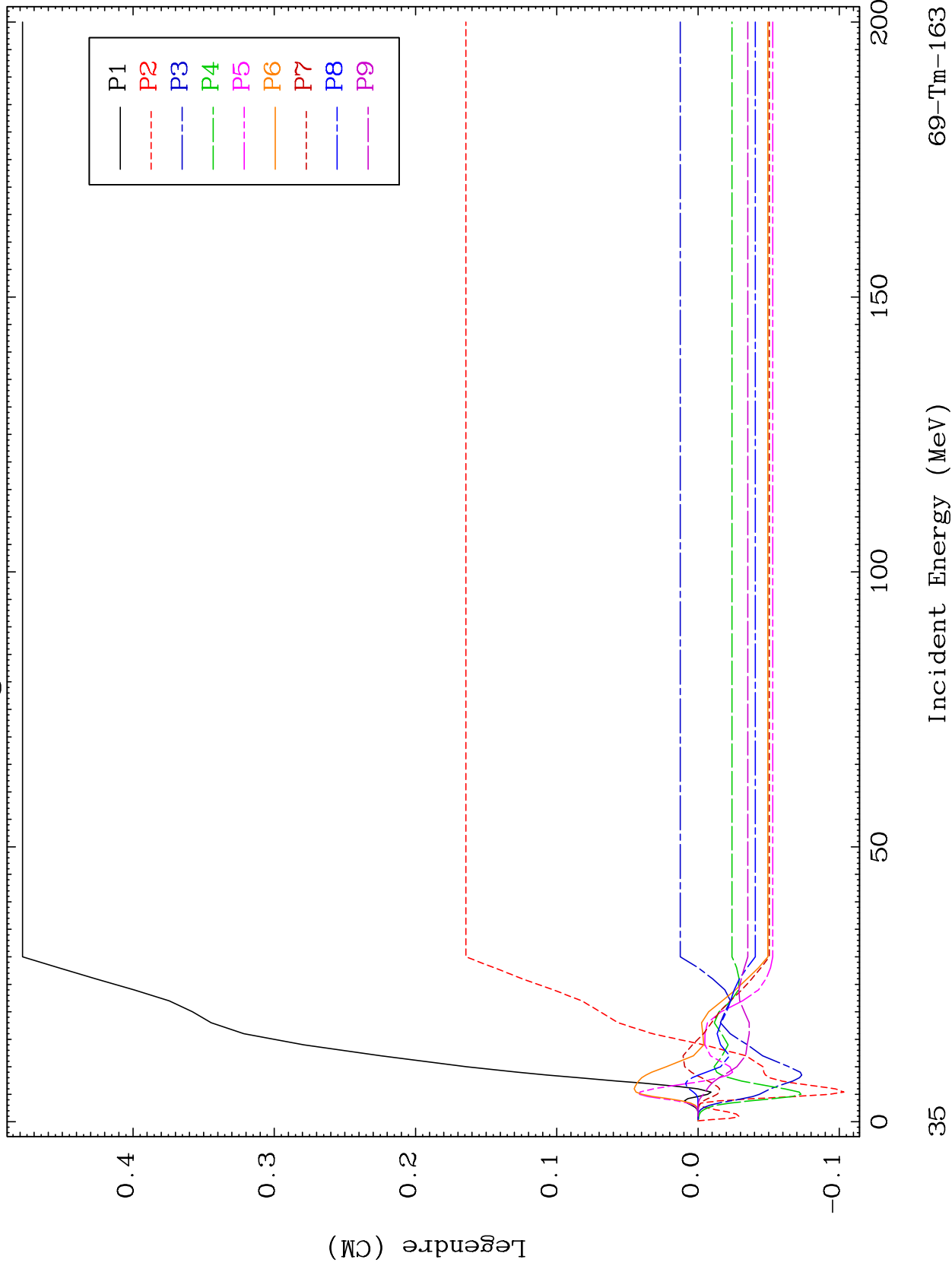
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

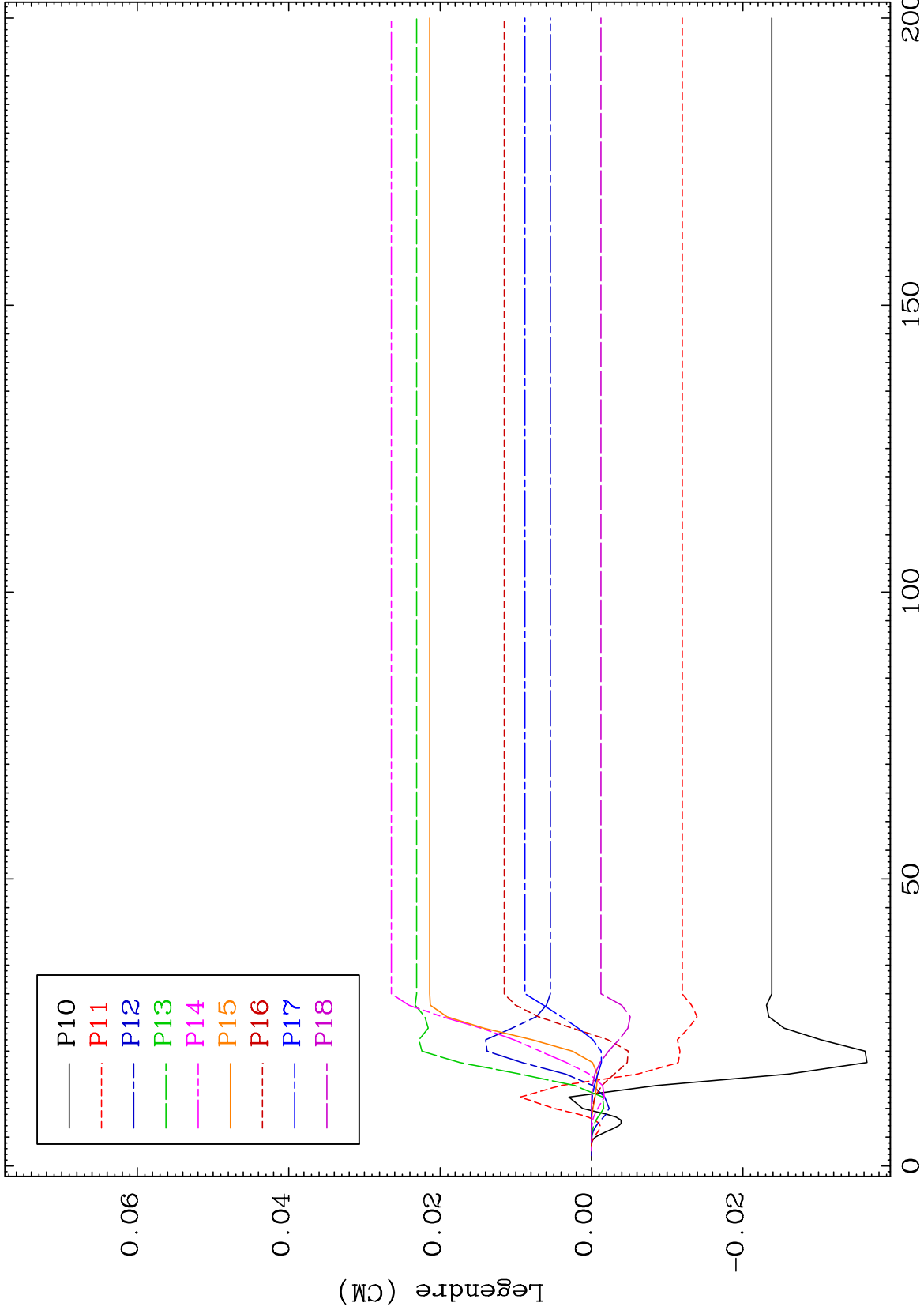
Incident Energy (MeV)

35

MAT 6907

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

69-Tm-163



36

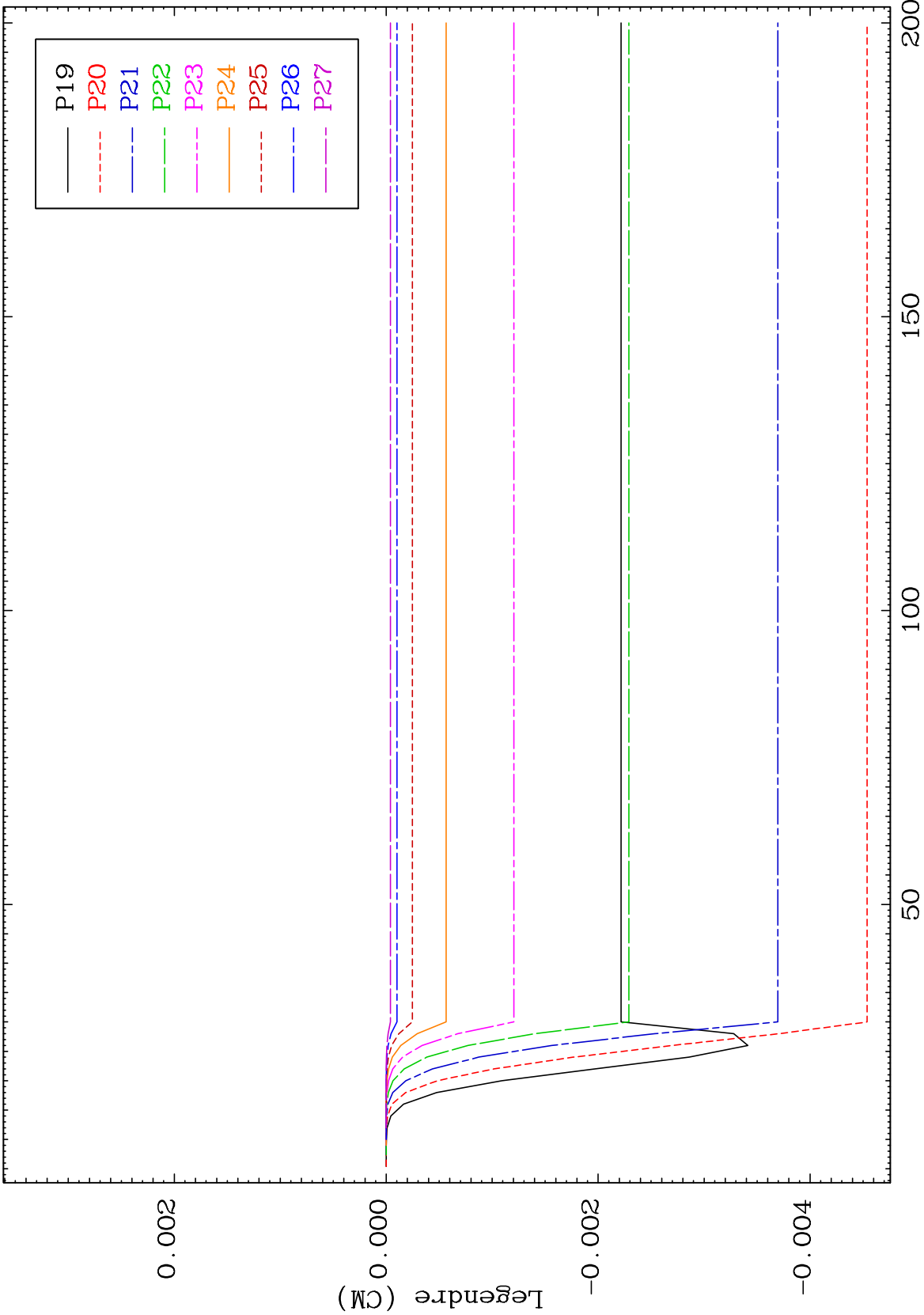
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

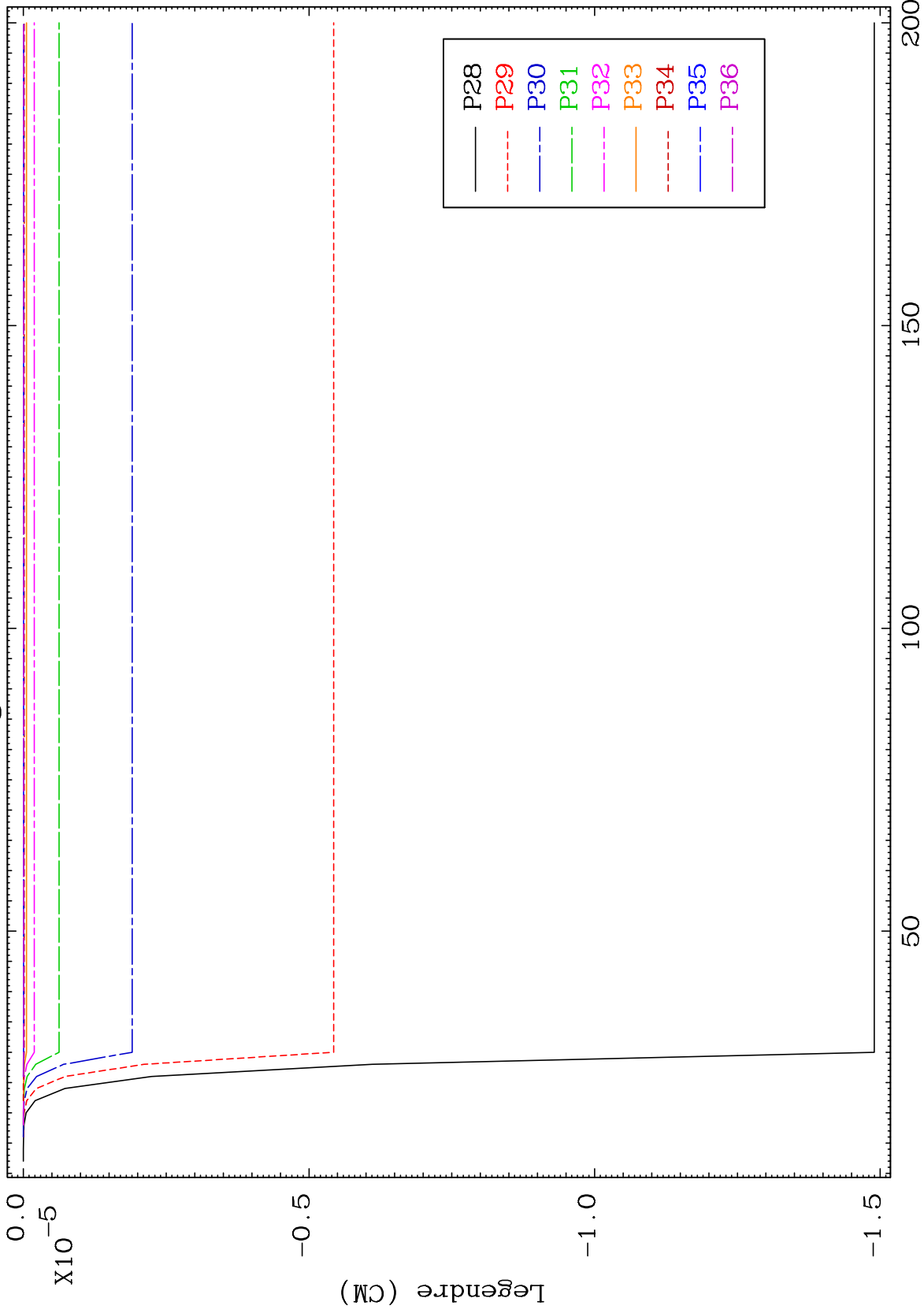
69-Tm-163



37

Incident Energy (MeV)

69-Tm-163

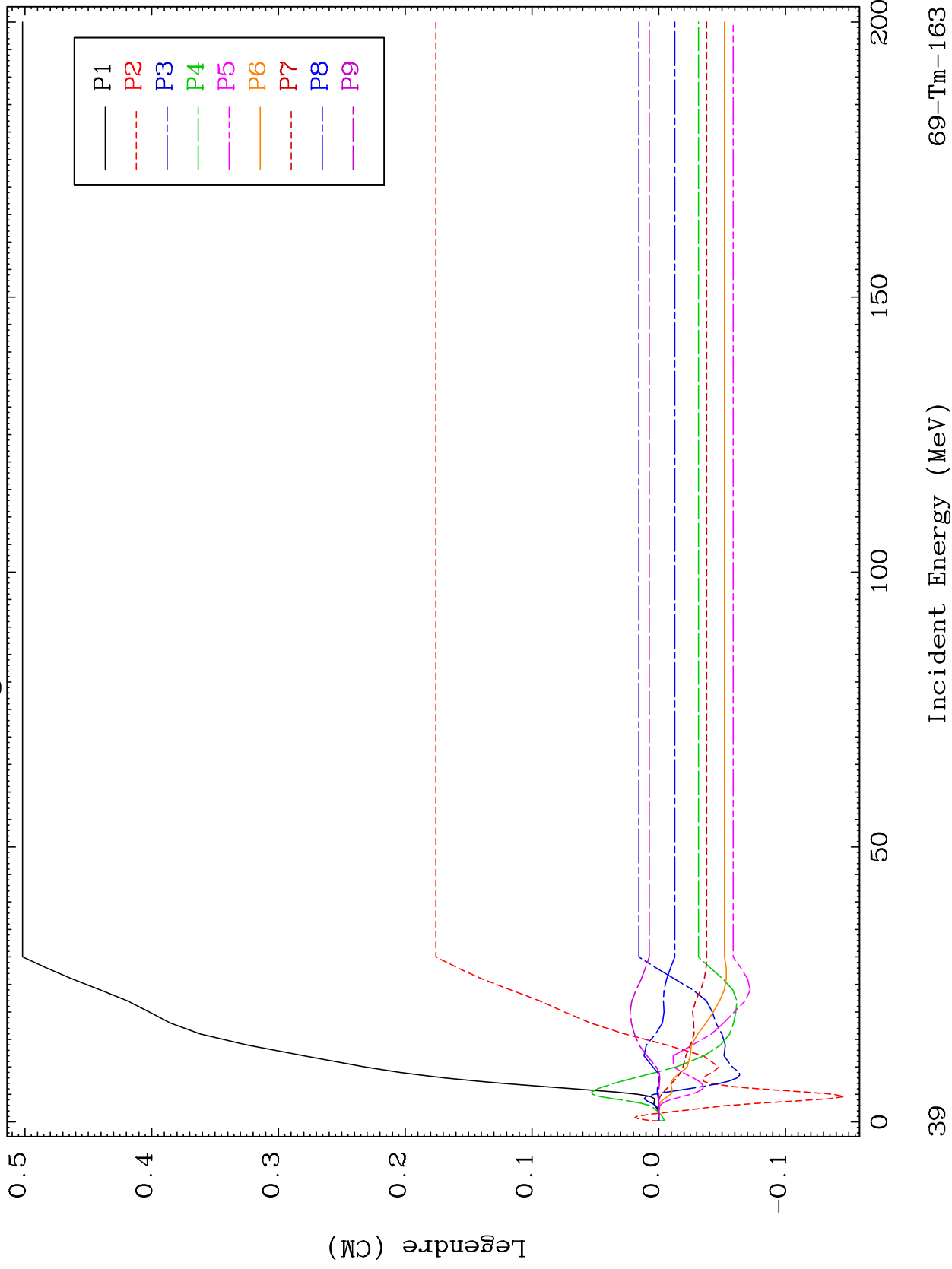


MAT 6907

MT= 56 (n,n') Level

69-Tm-163

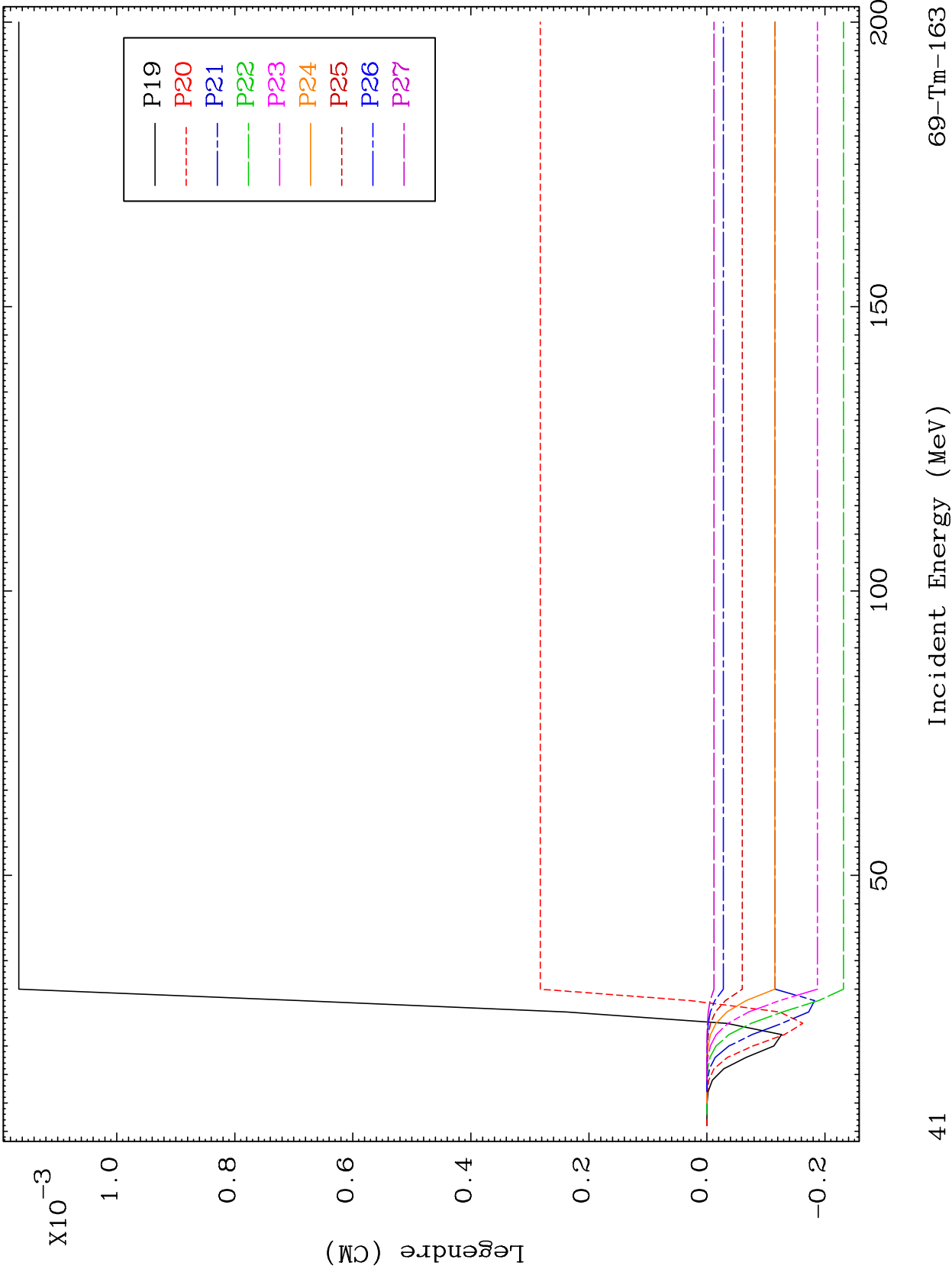
Legendre Coefficients



39

Incident Energy (MeV)

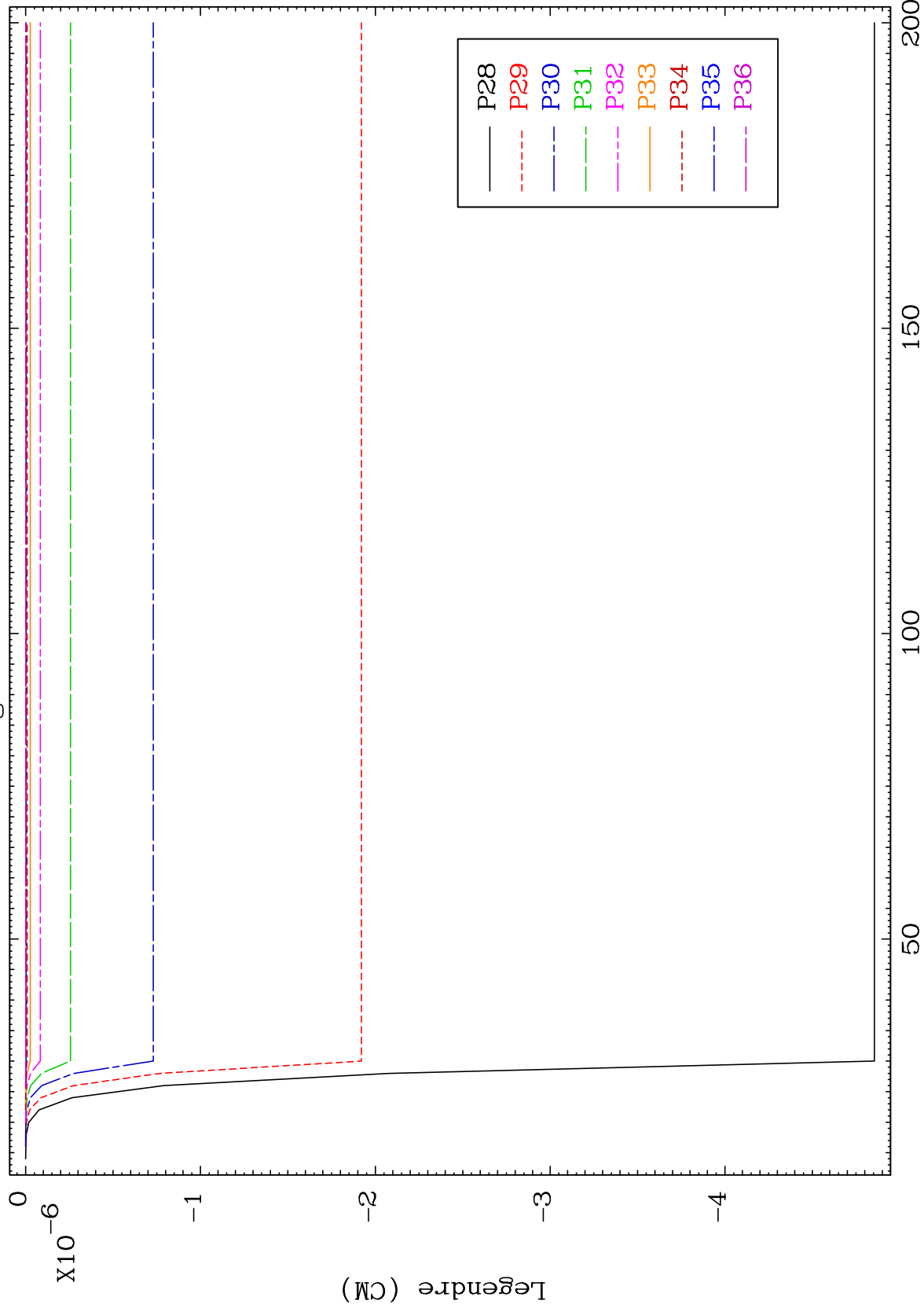
69-Tm-163



MAT 6907

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

69-Tm-163



42

Incident Energy (MeV)

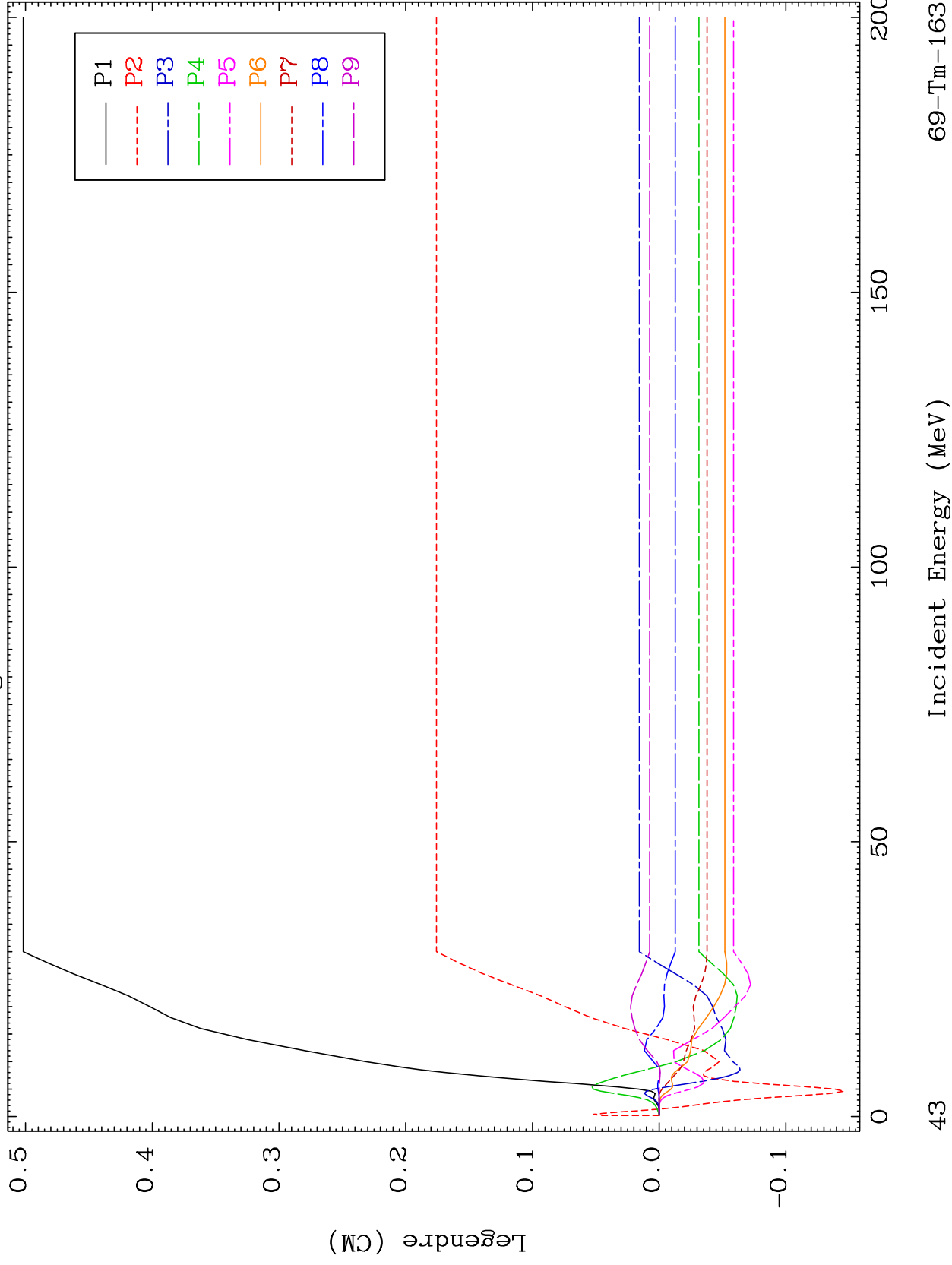
69-Tm-163

MAT 6907

MT= 57 (n,n') Level

69-Tm-163

Legendre Coefficients



43

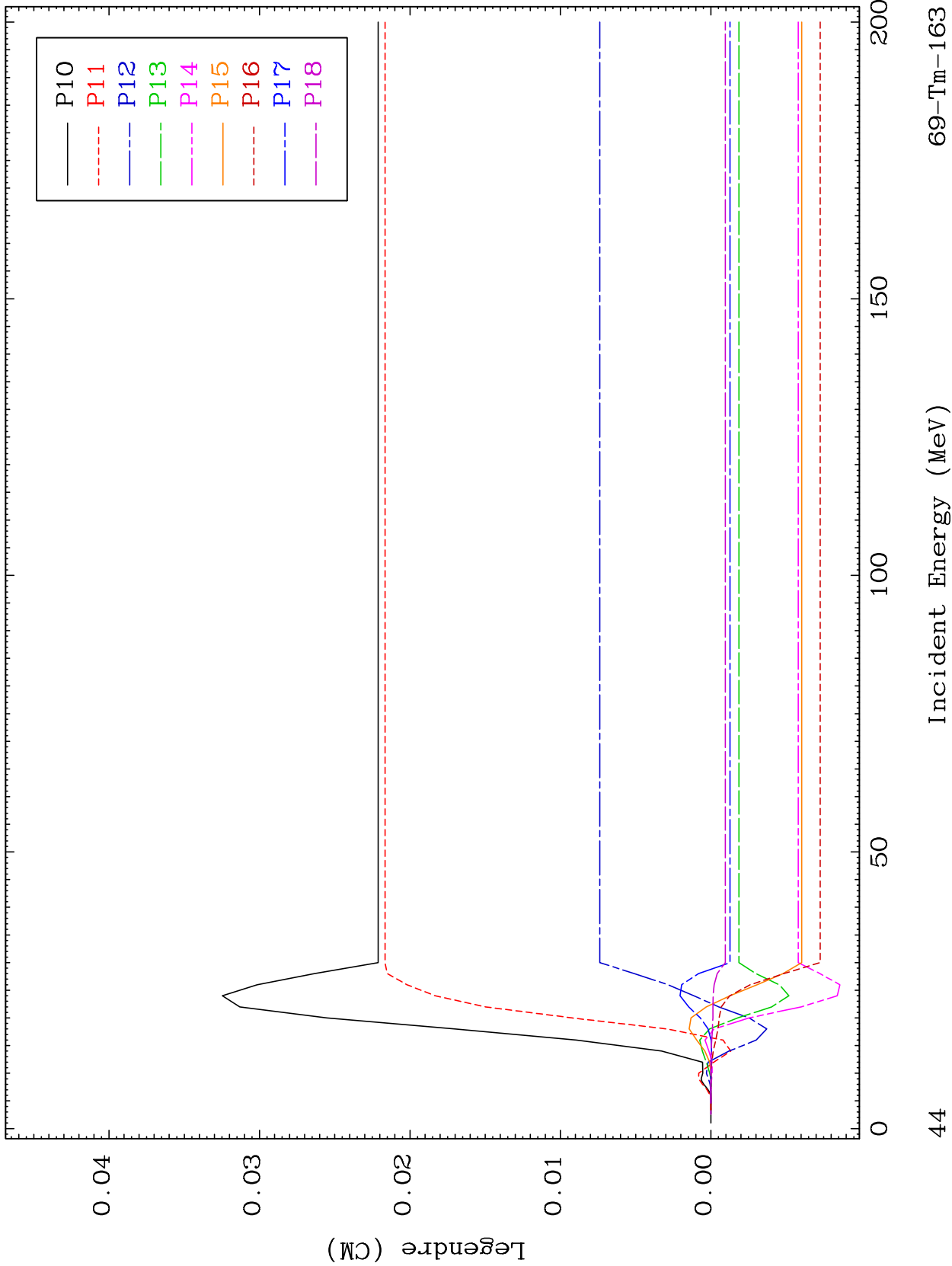
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



44

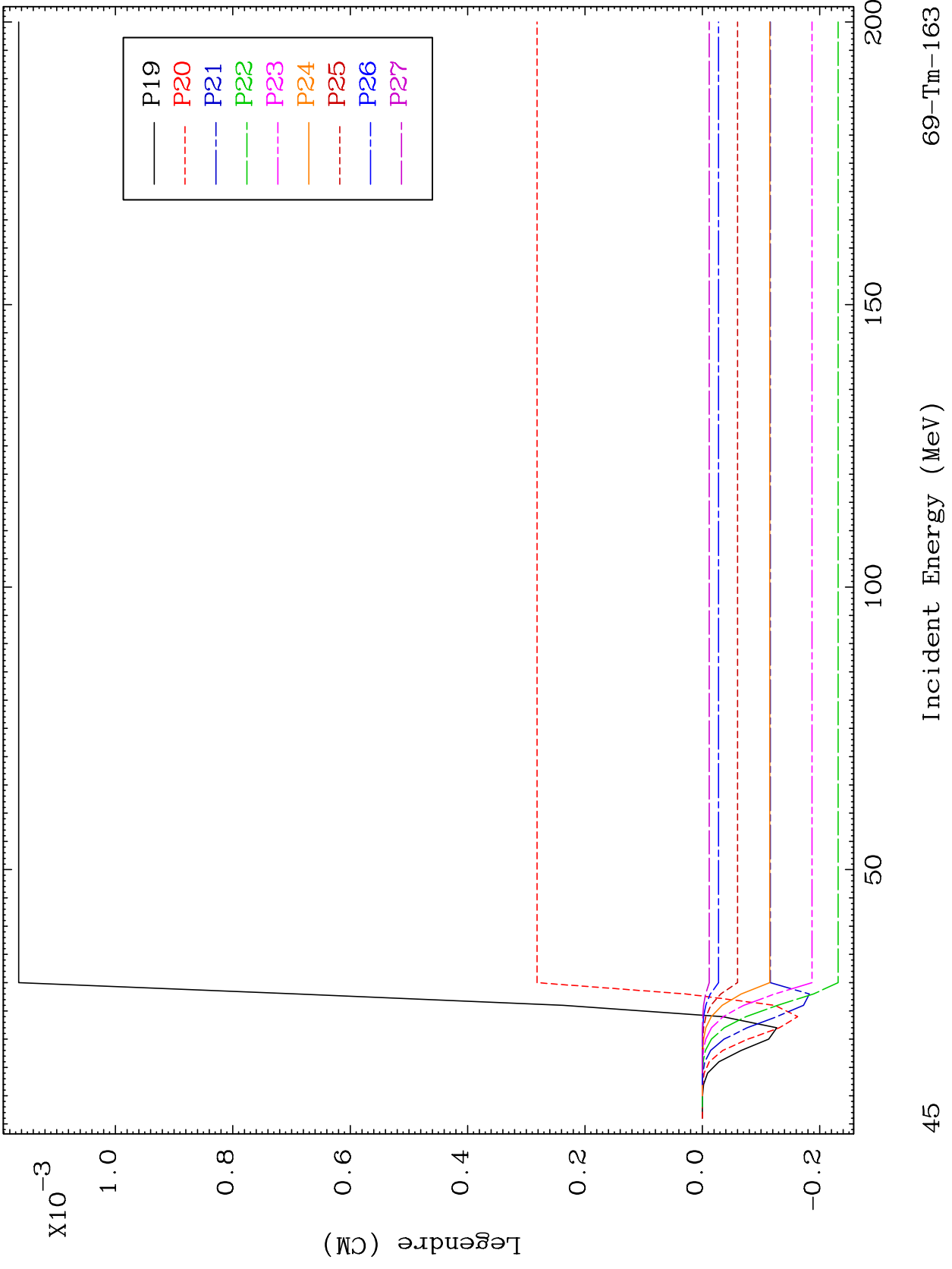
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

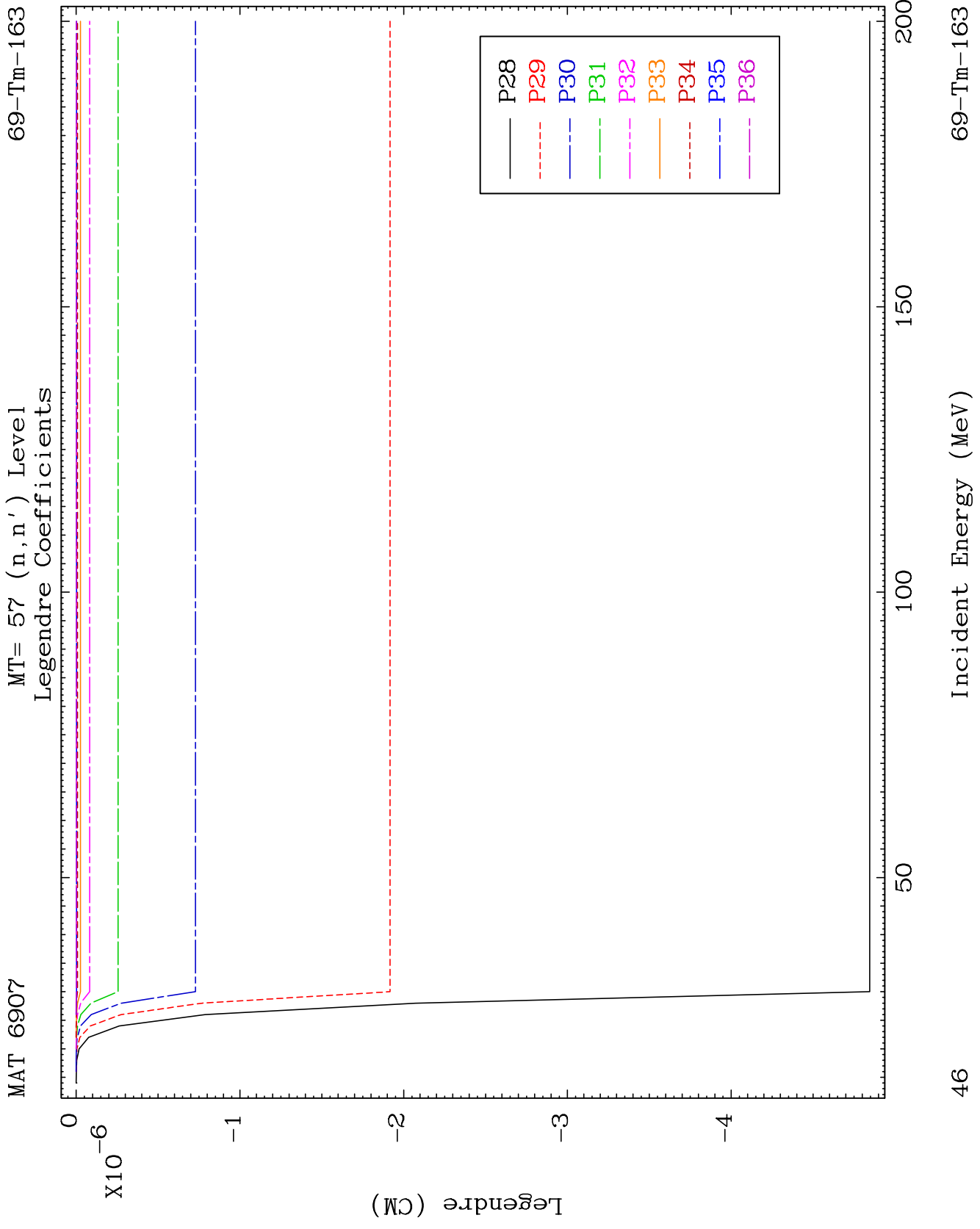
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45

Incident Energy (MeV)

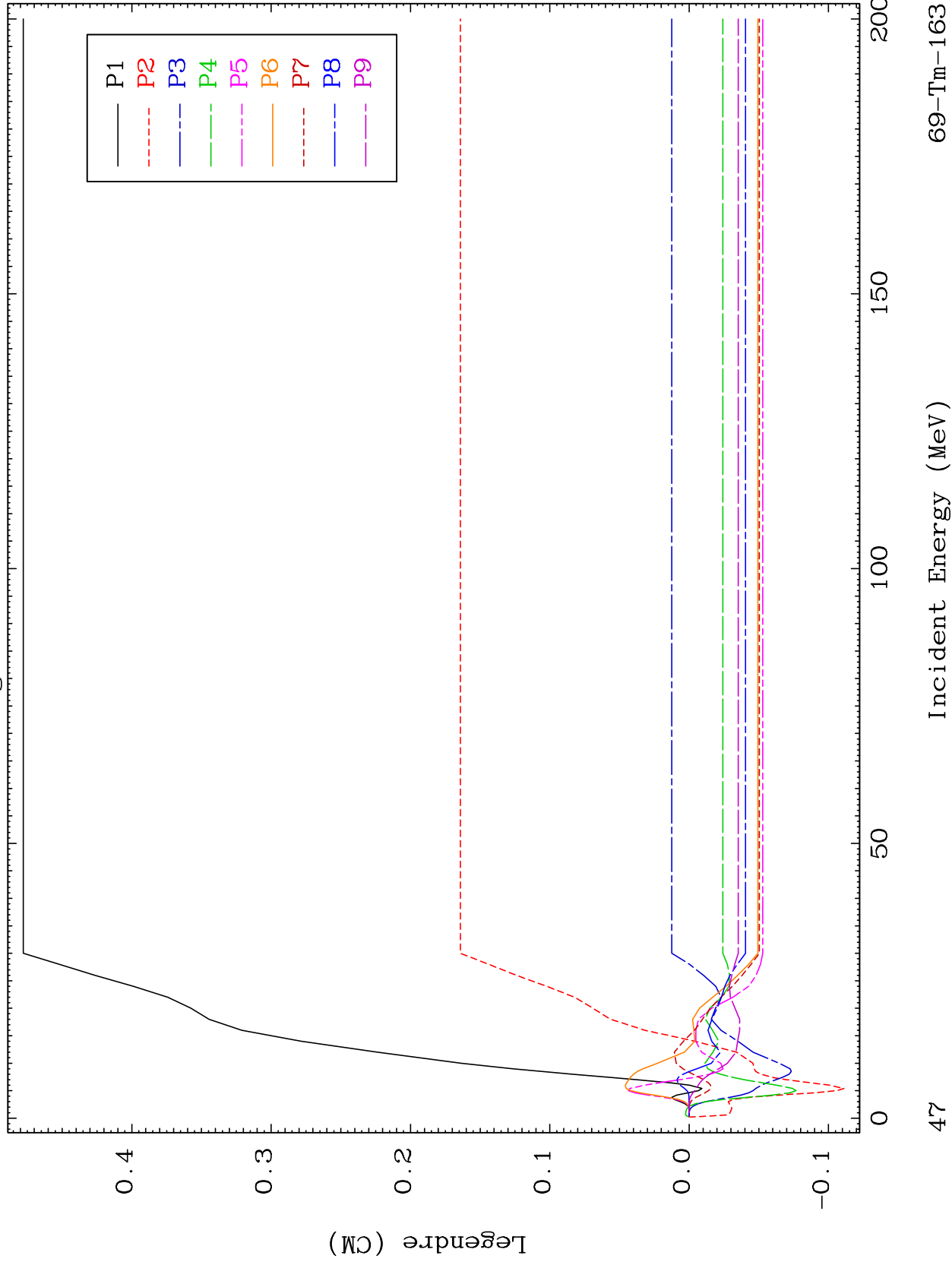
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

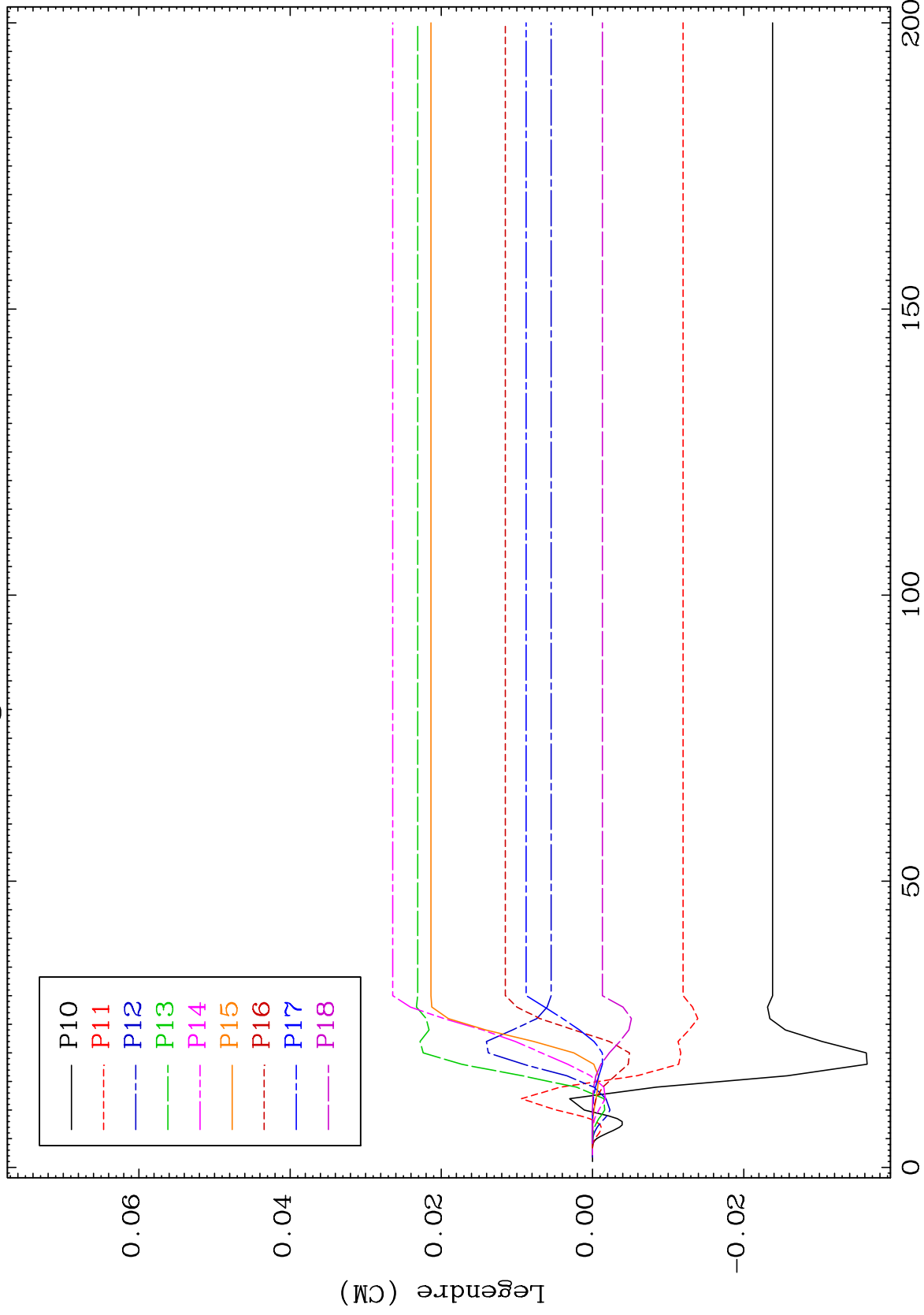
Incident Energy (MeV)

47

MAT 6907

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

69-Tm-163



48

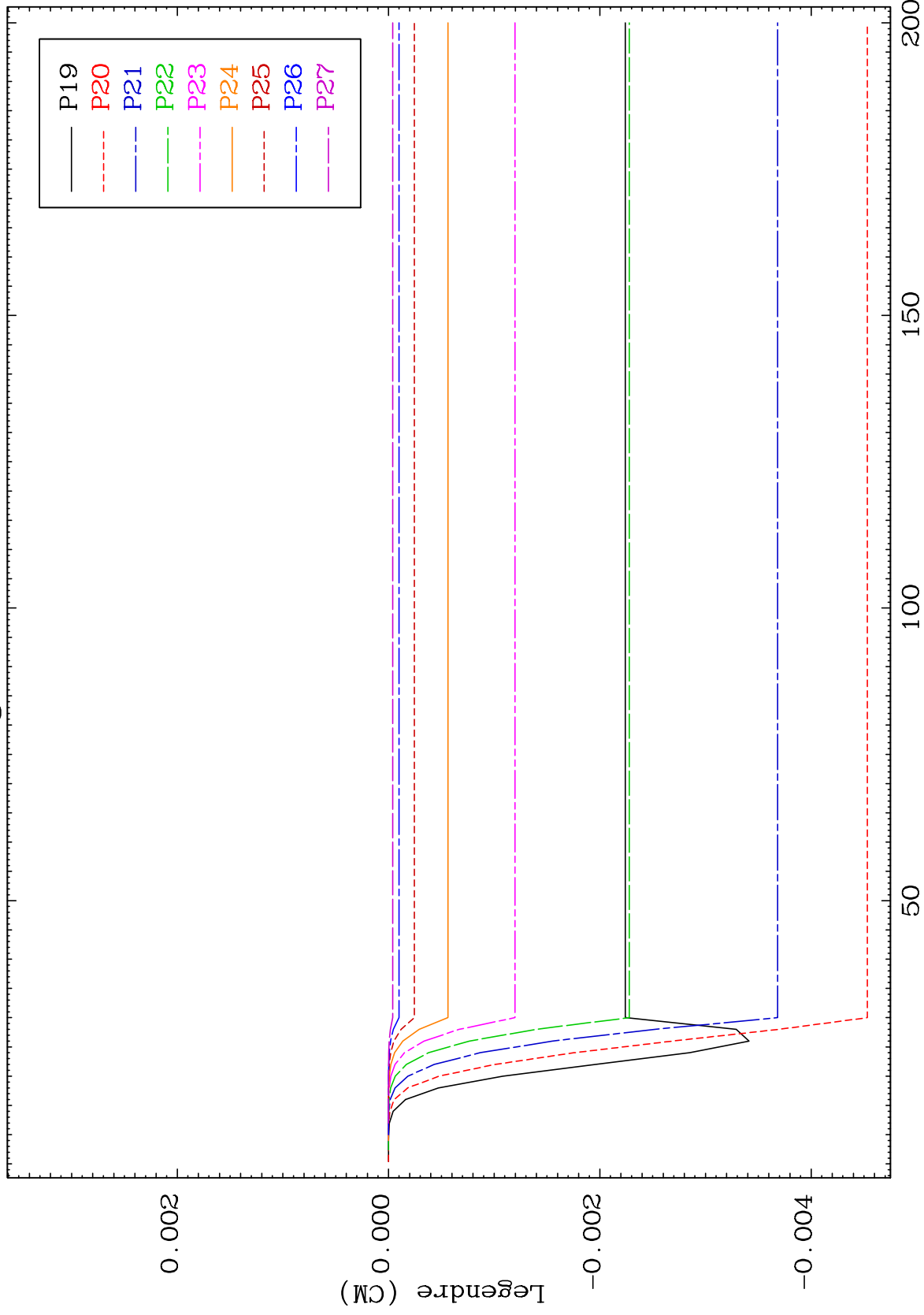
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



49

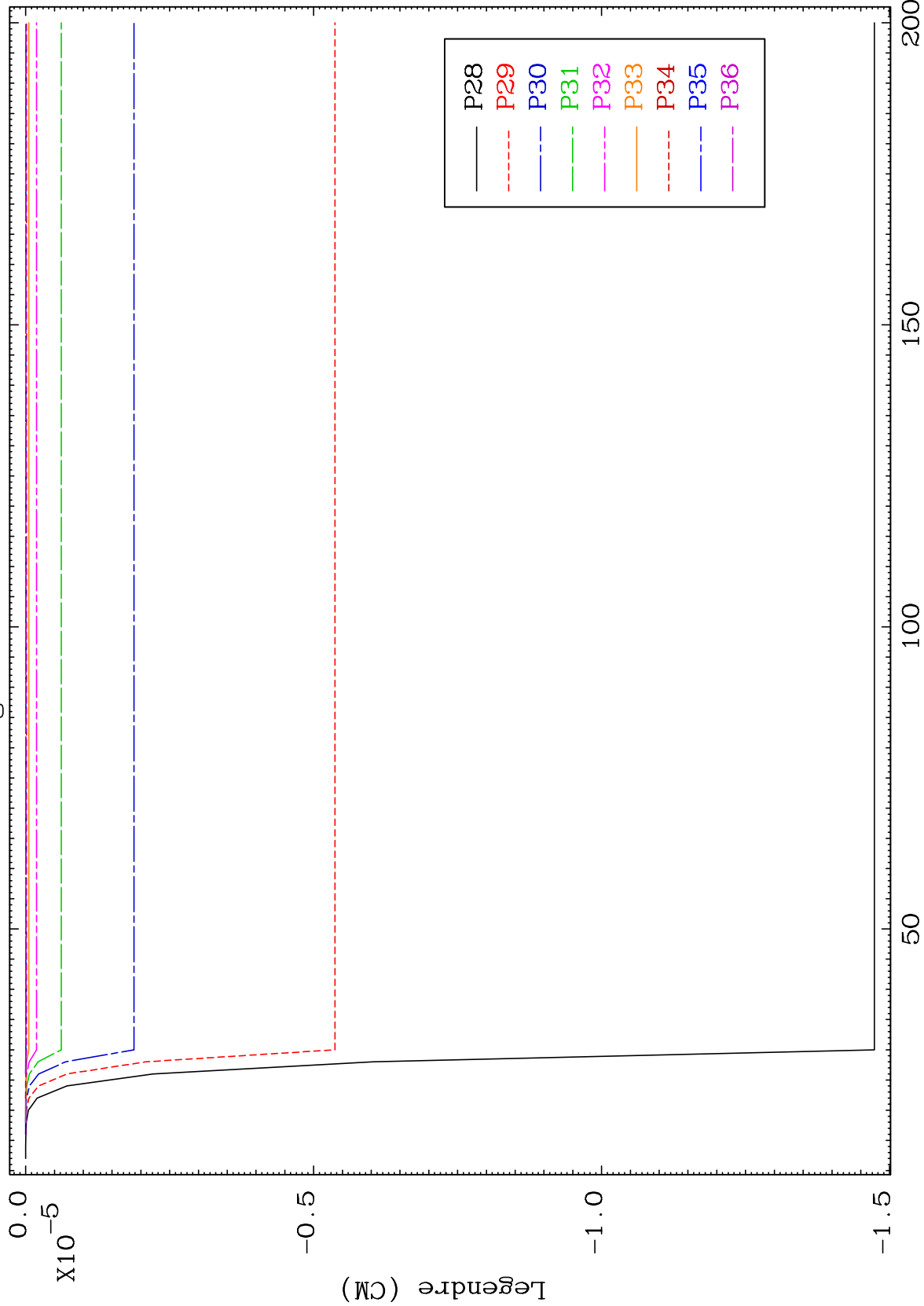
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

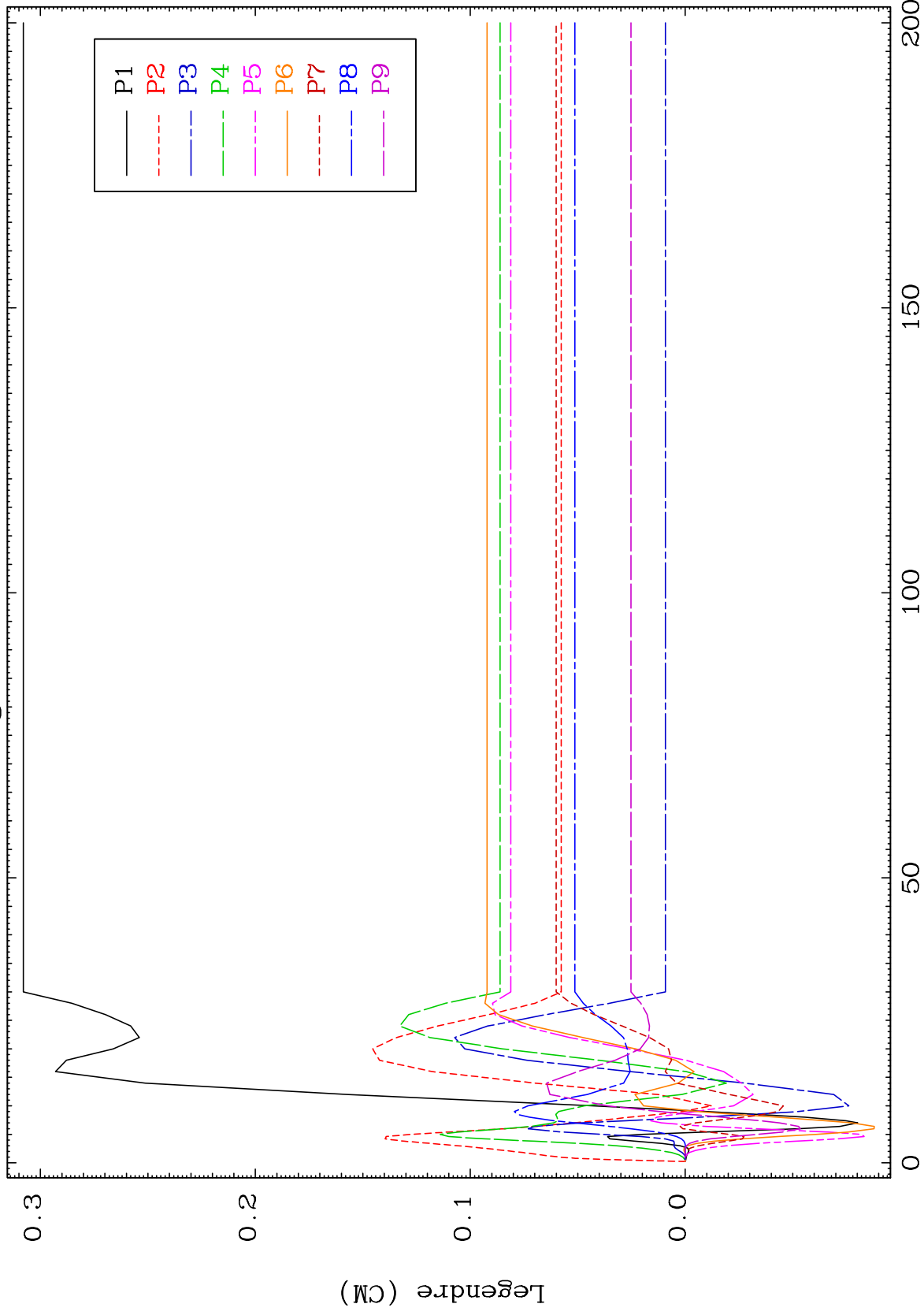
Incident Energy (MeV)

50

MAT 6907

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

69-Tm-163



51

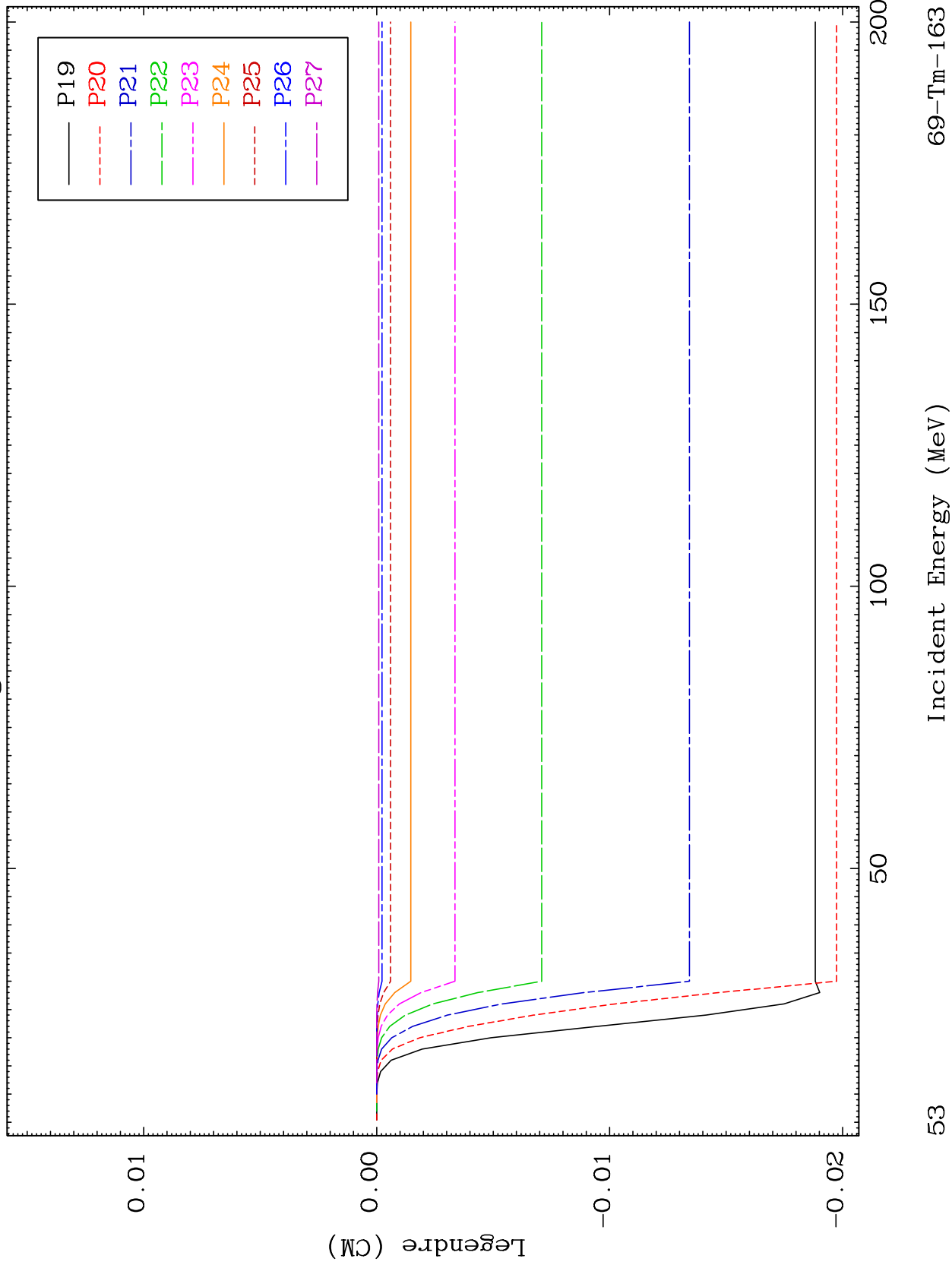
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



53

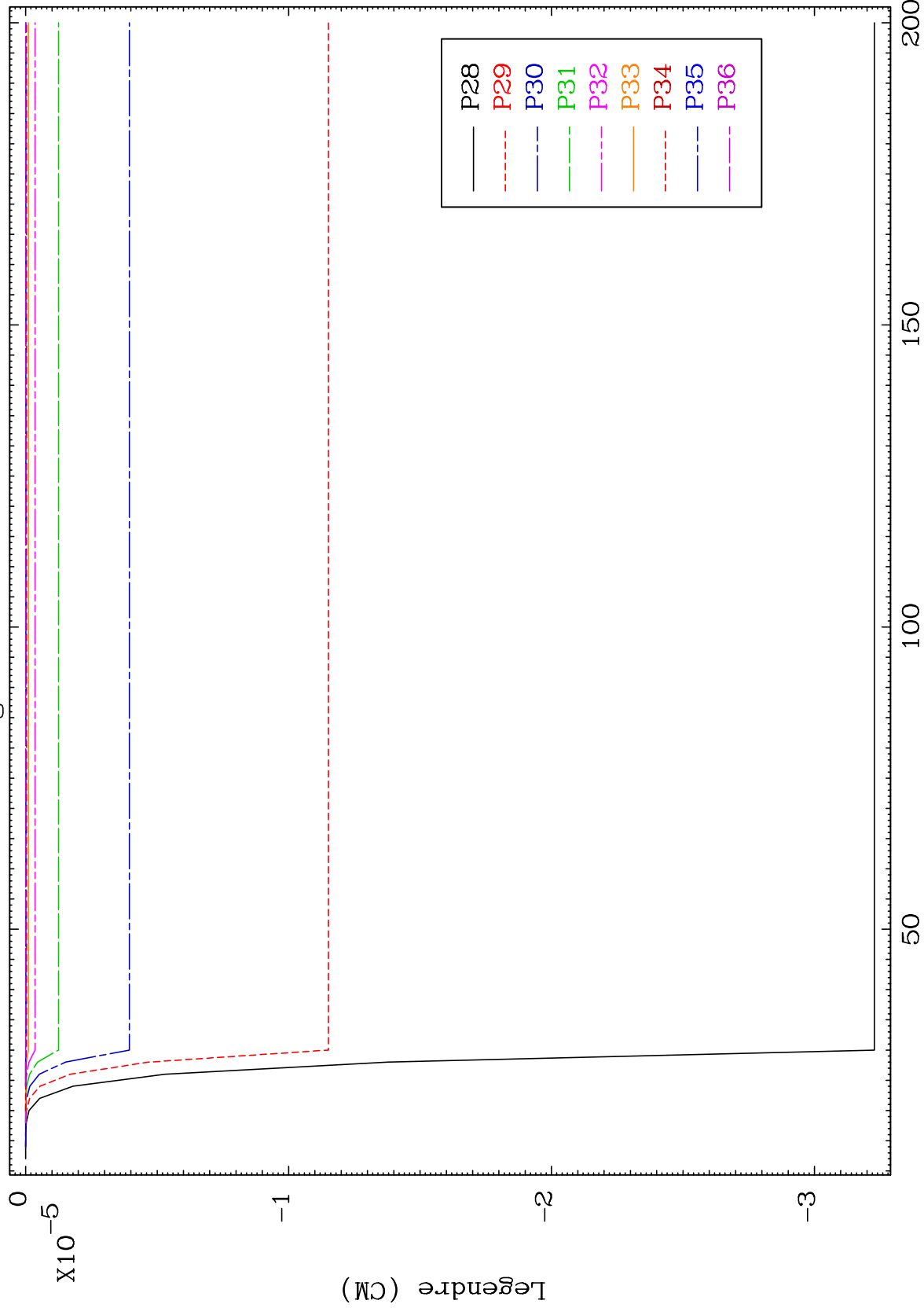
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



54

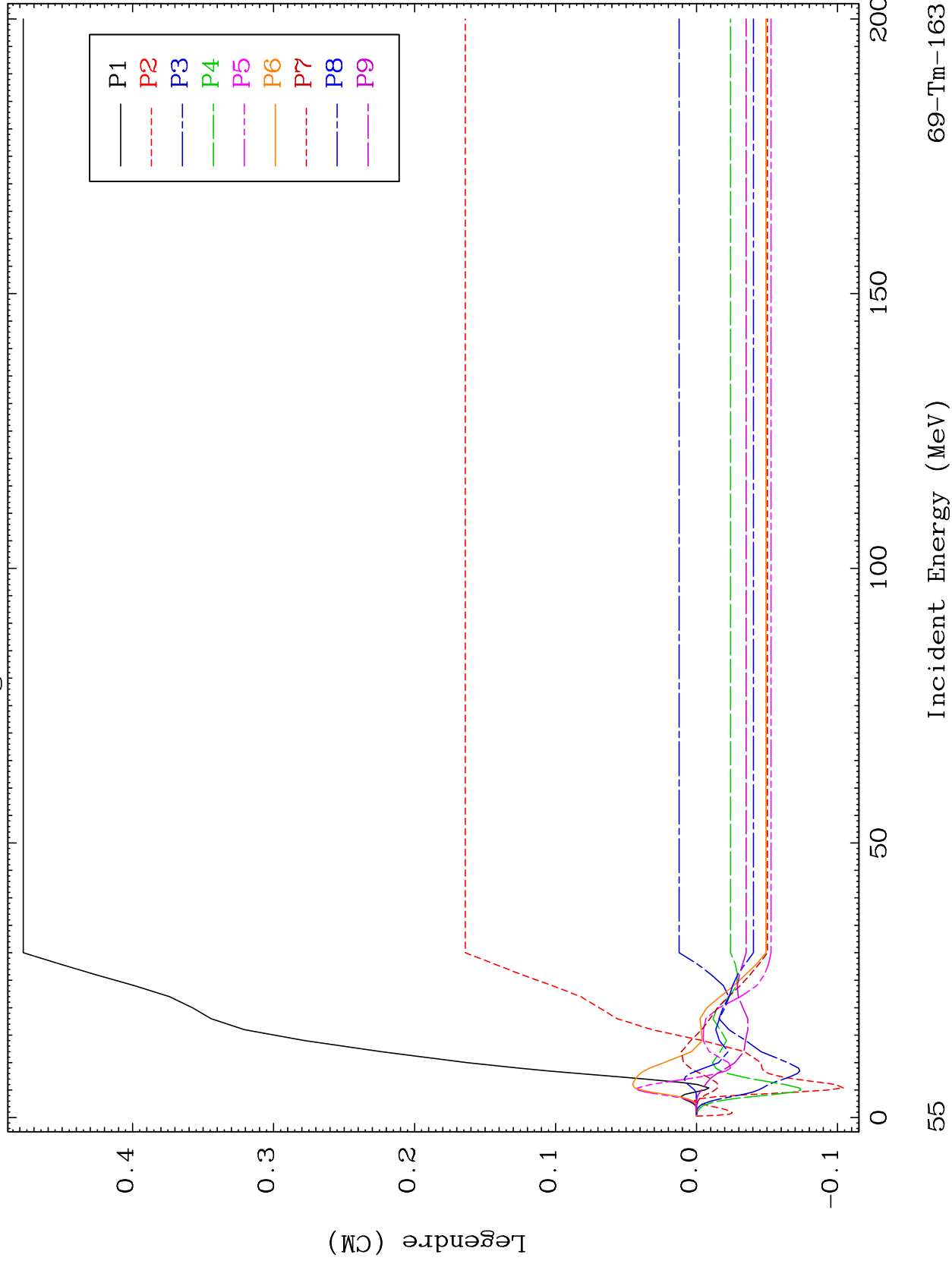
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

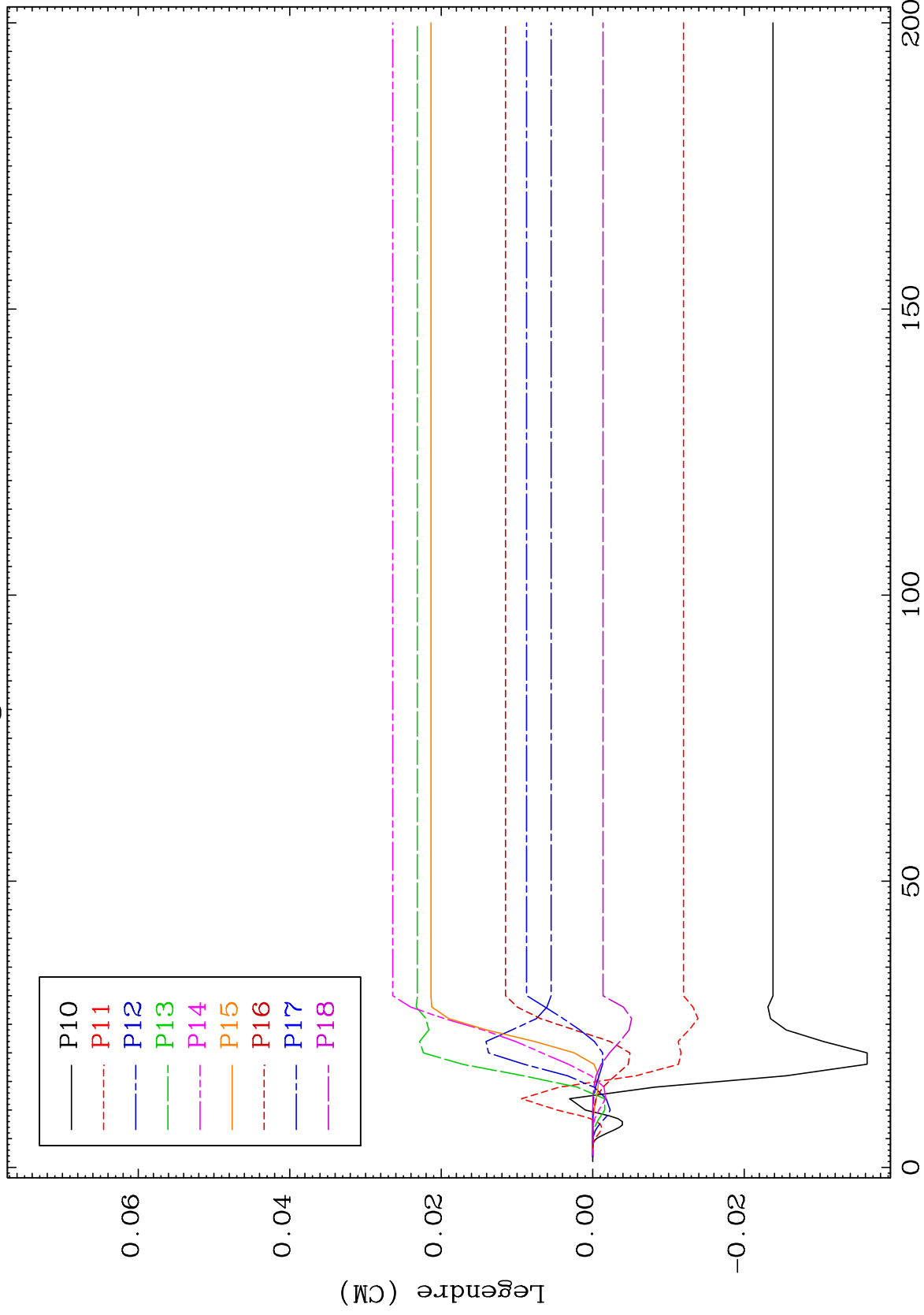
Incident Energy (MeV)

55

MAT 6907

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

69-Tm-163



56

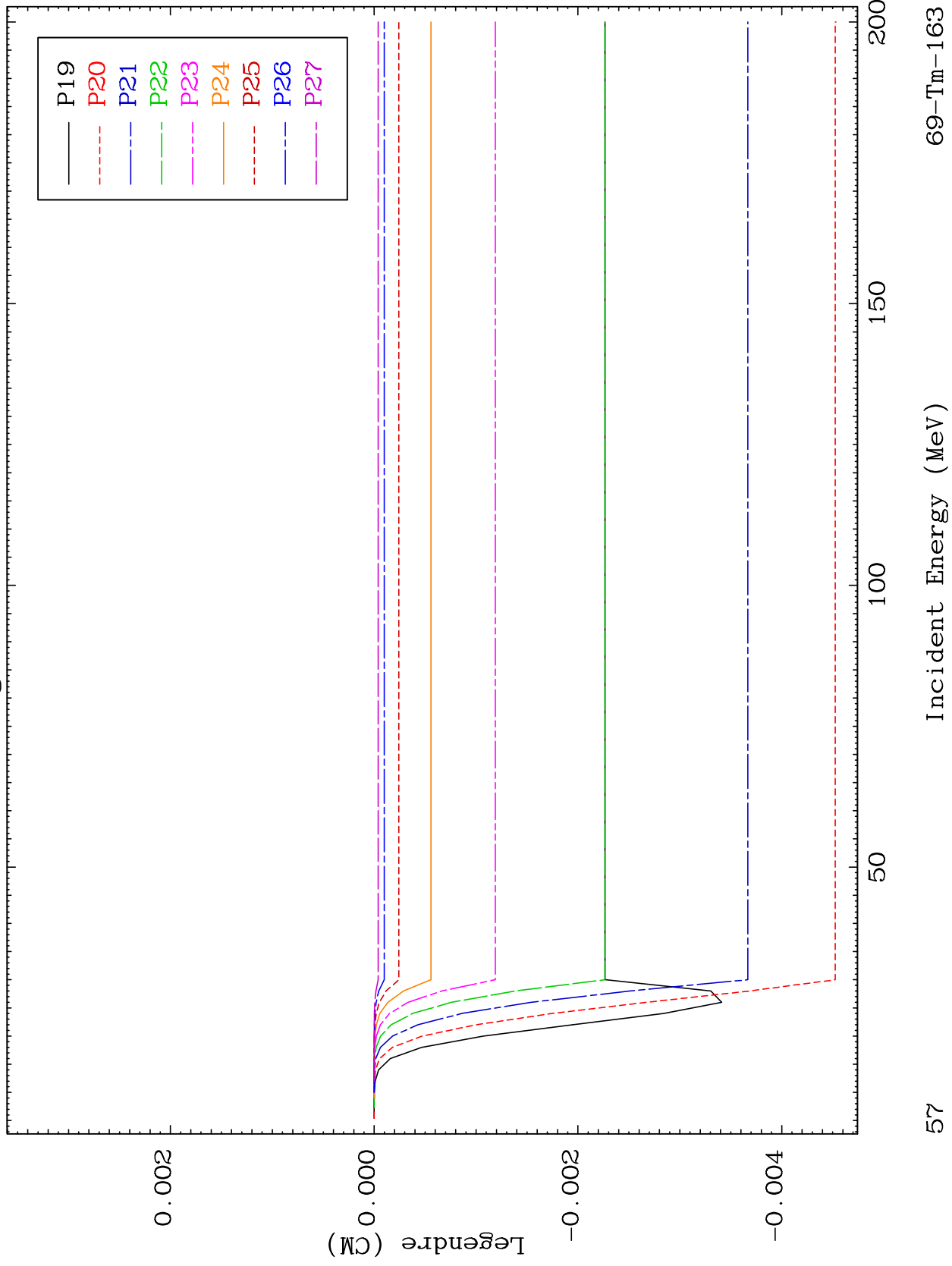
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

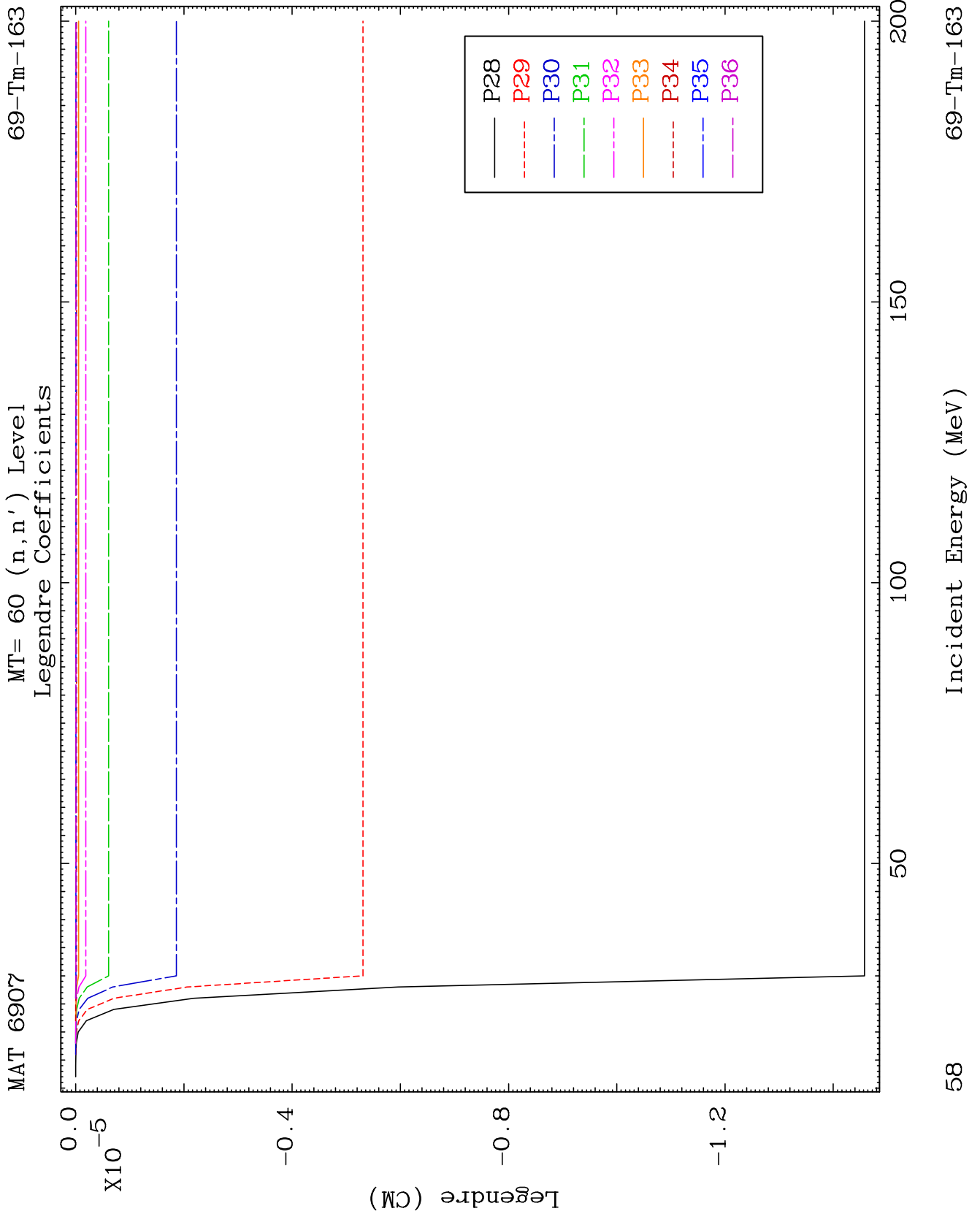
69-Tm-163



57

Incident Energy (MeV)

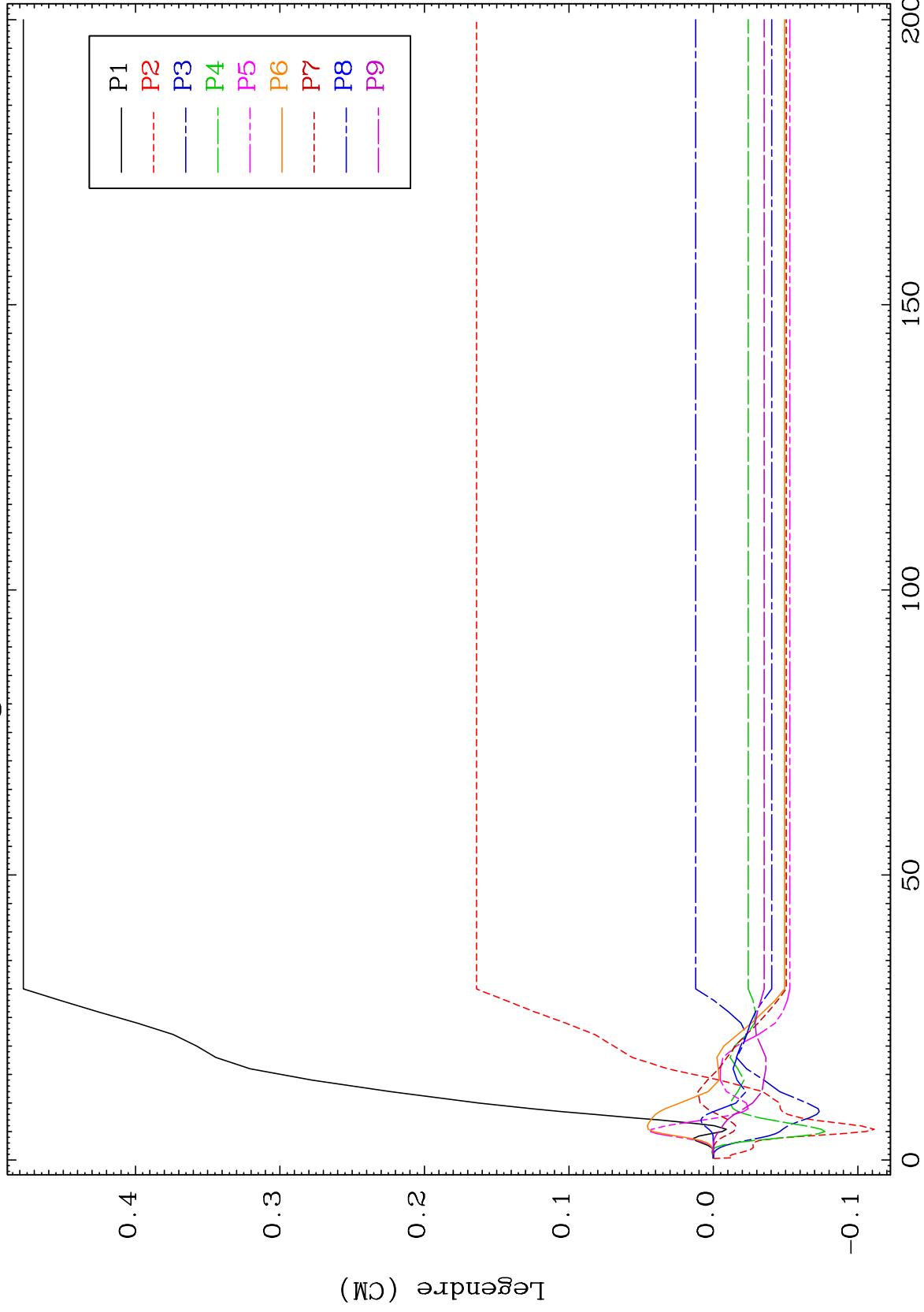
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

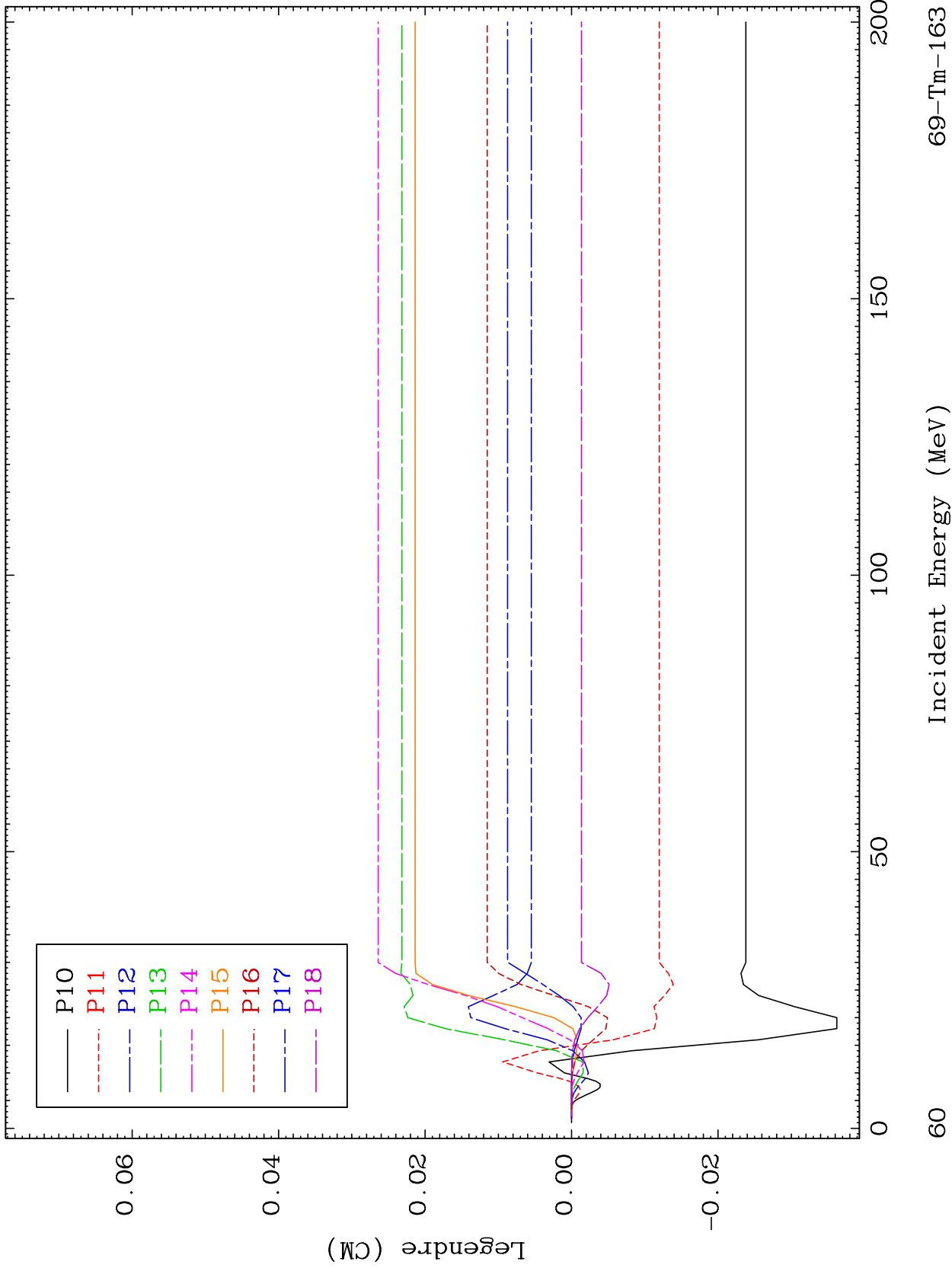
Incident Energy (MeV)

59

MAT 6907

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

69-Tm-163



69-Tm-163

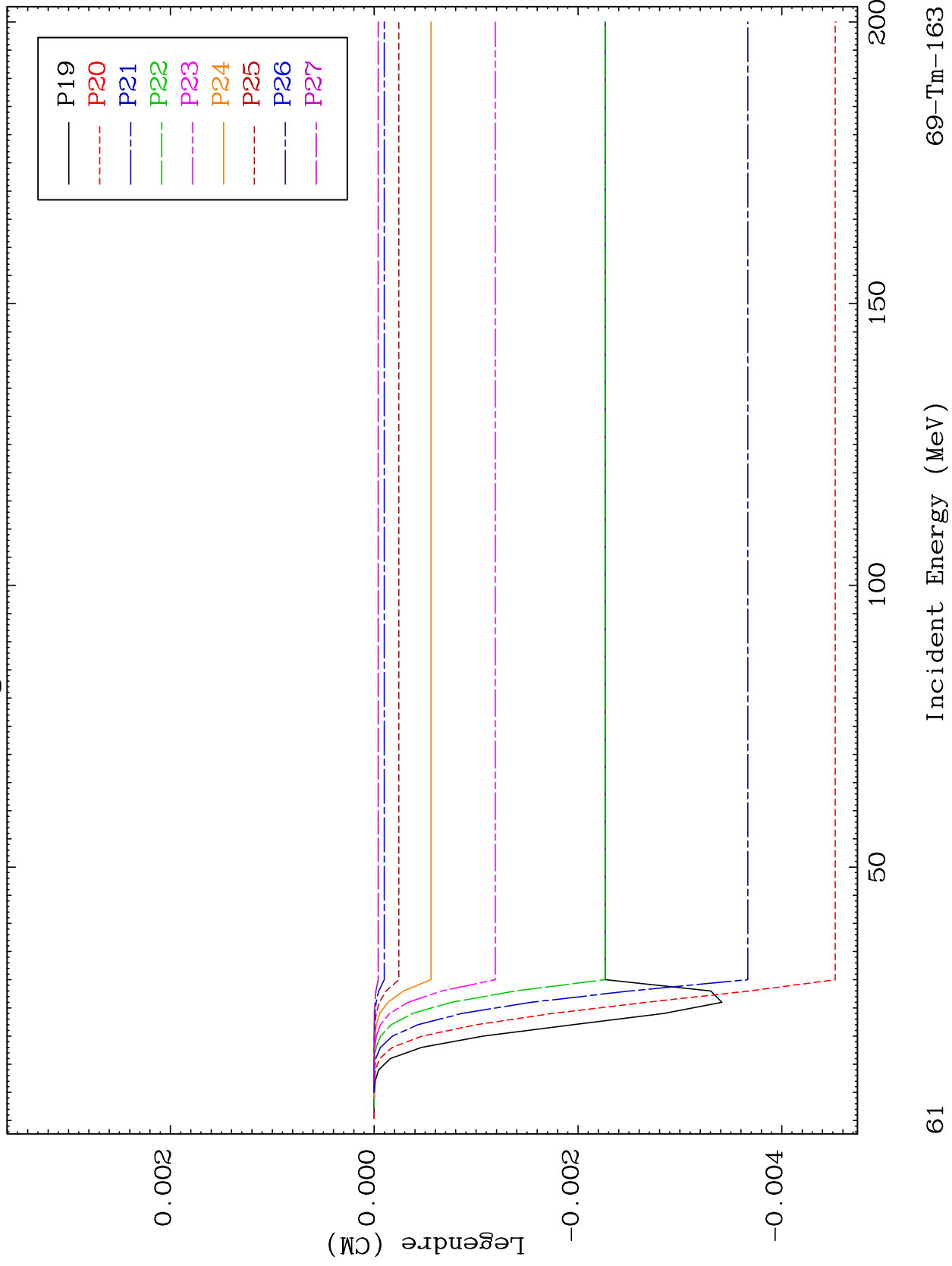
Incident Energy (MeV)

60

MAT 6907

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

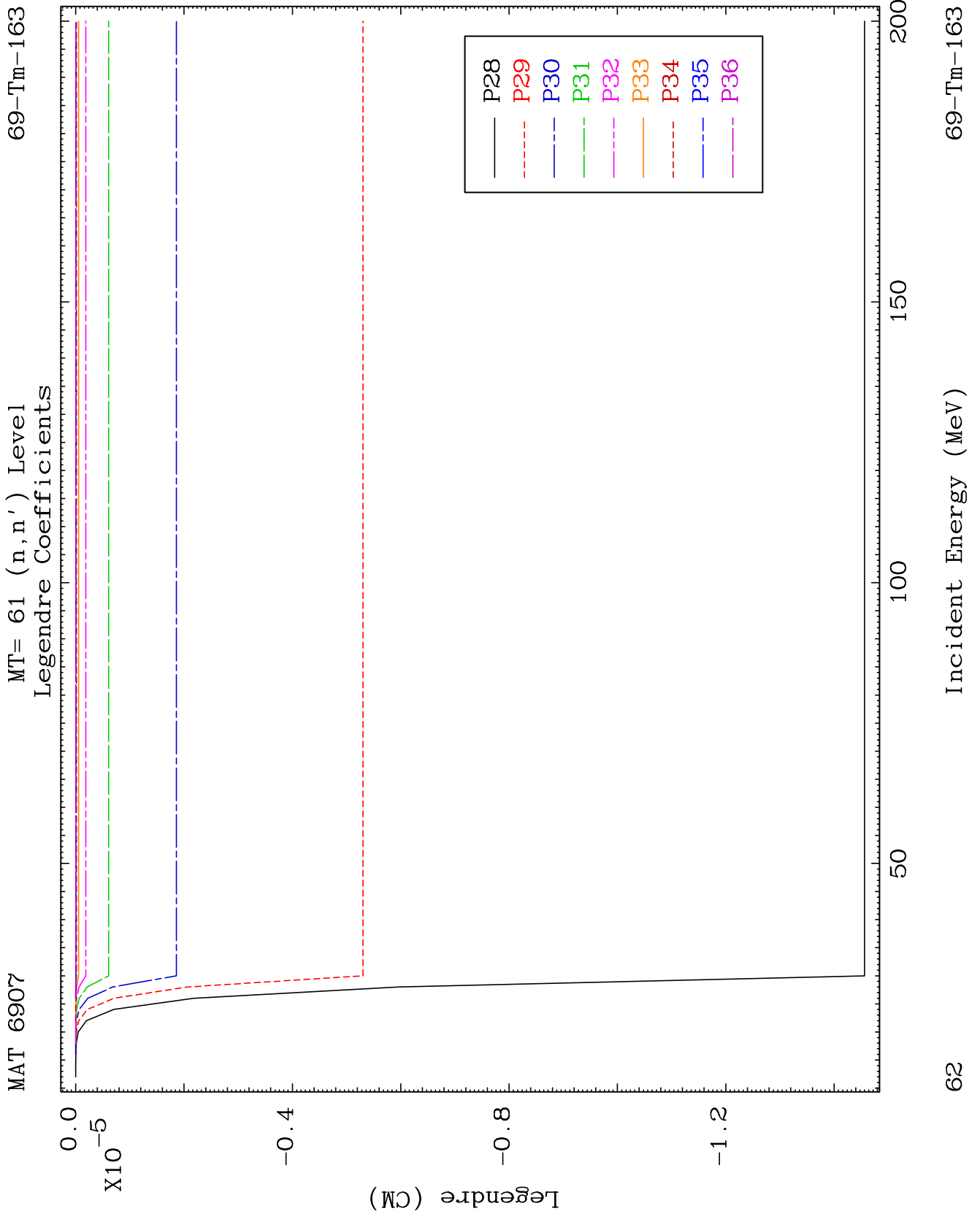
69-Tm-163



61

Incident Energy (MeV)

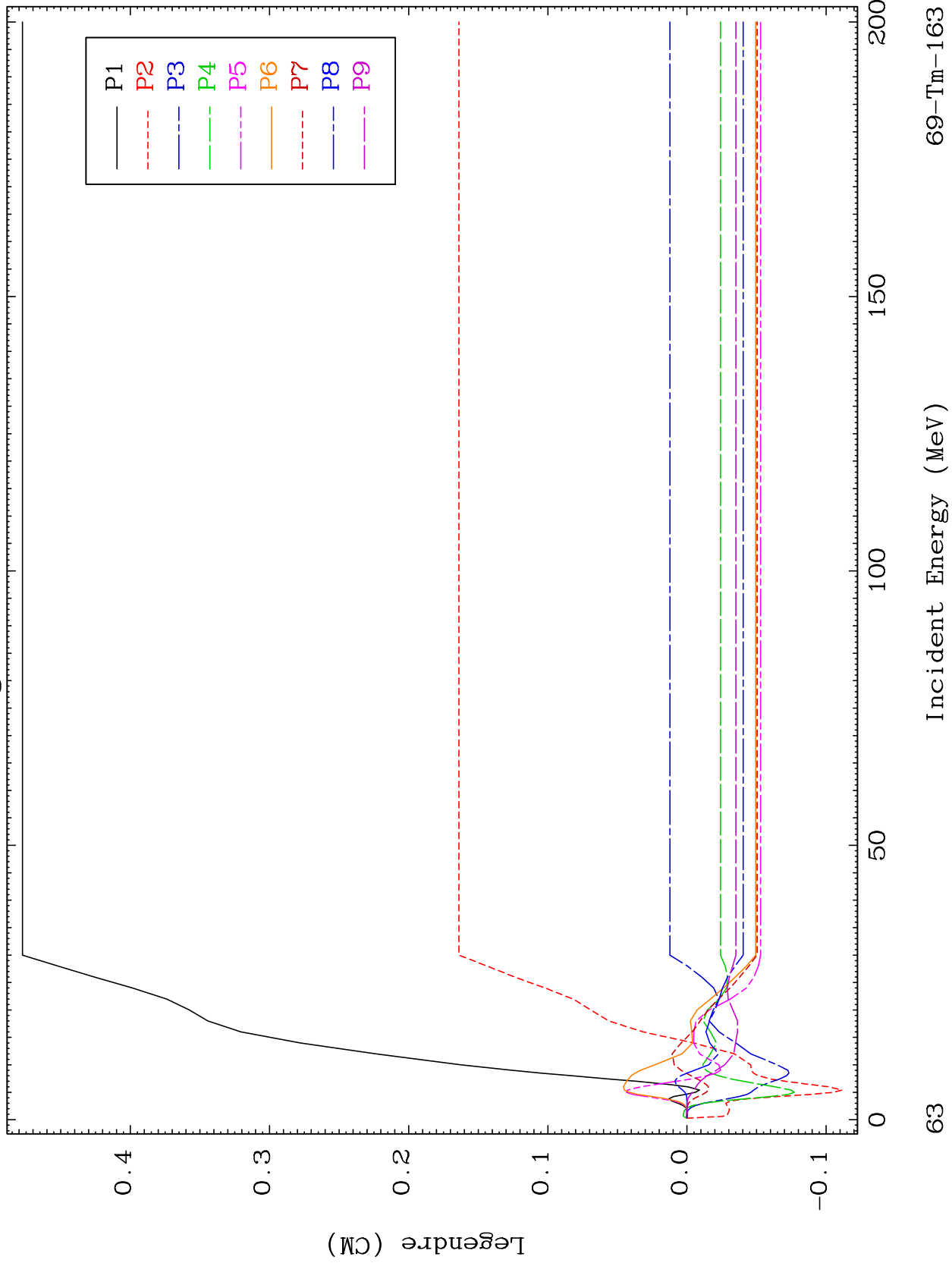
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

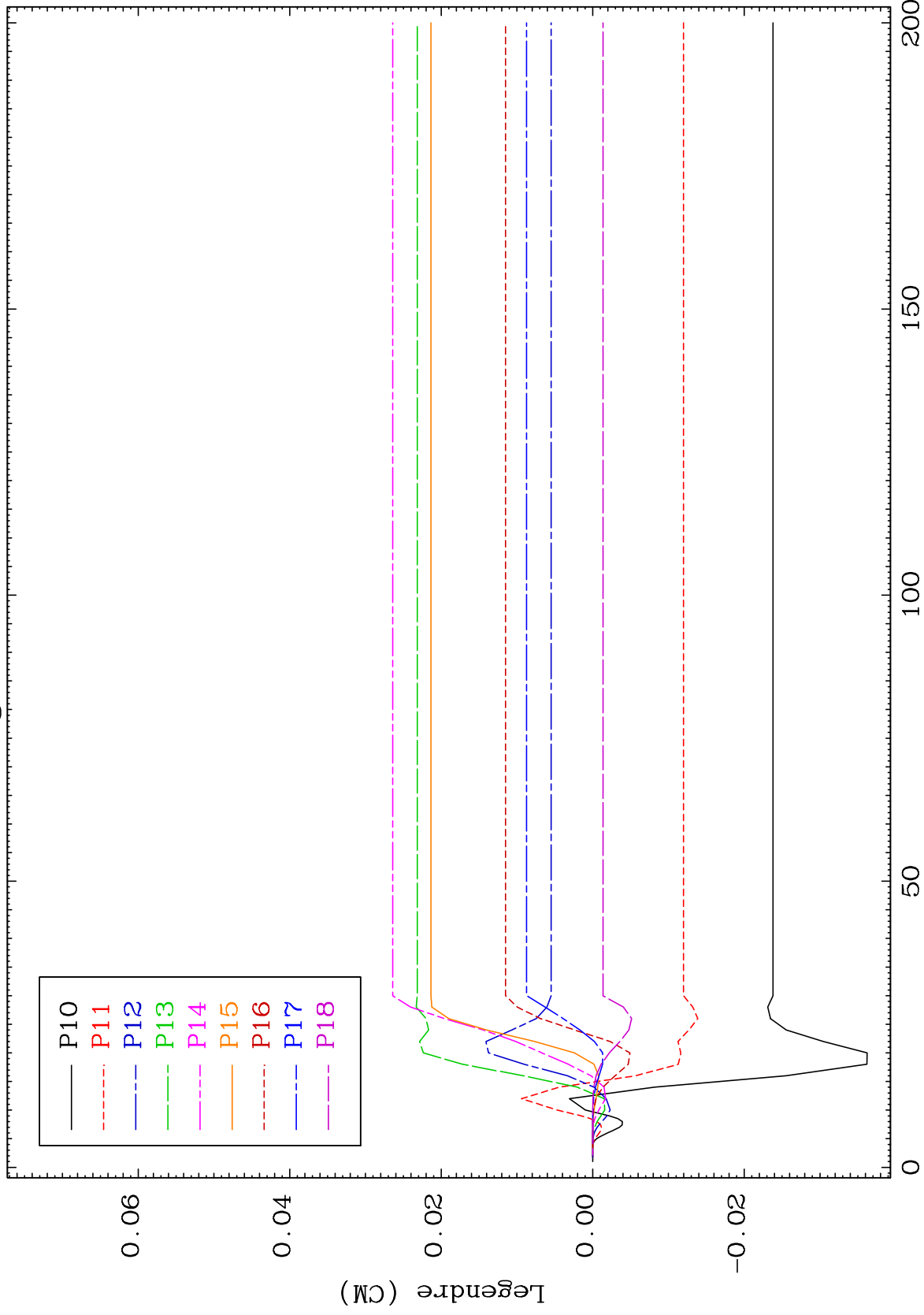
Incident Energy (MeV)

63

MAT 6907

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

69-Tm-163



64

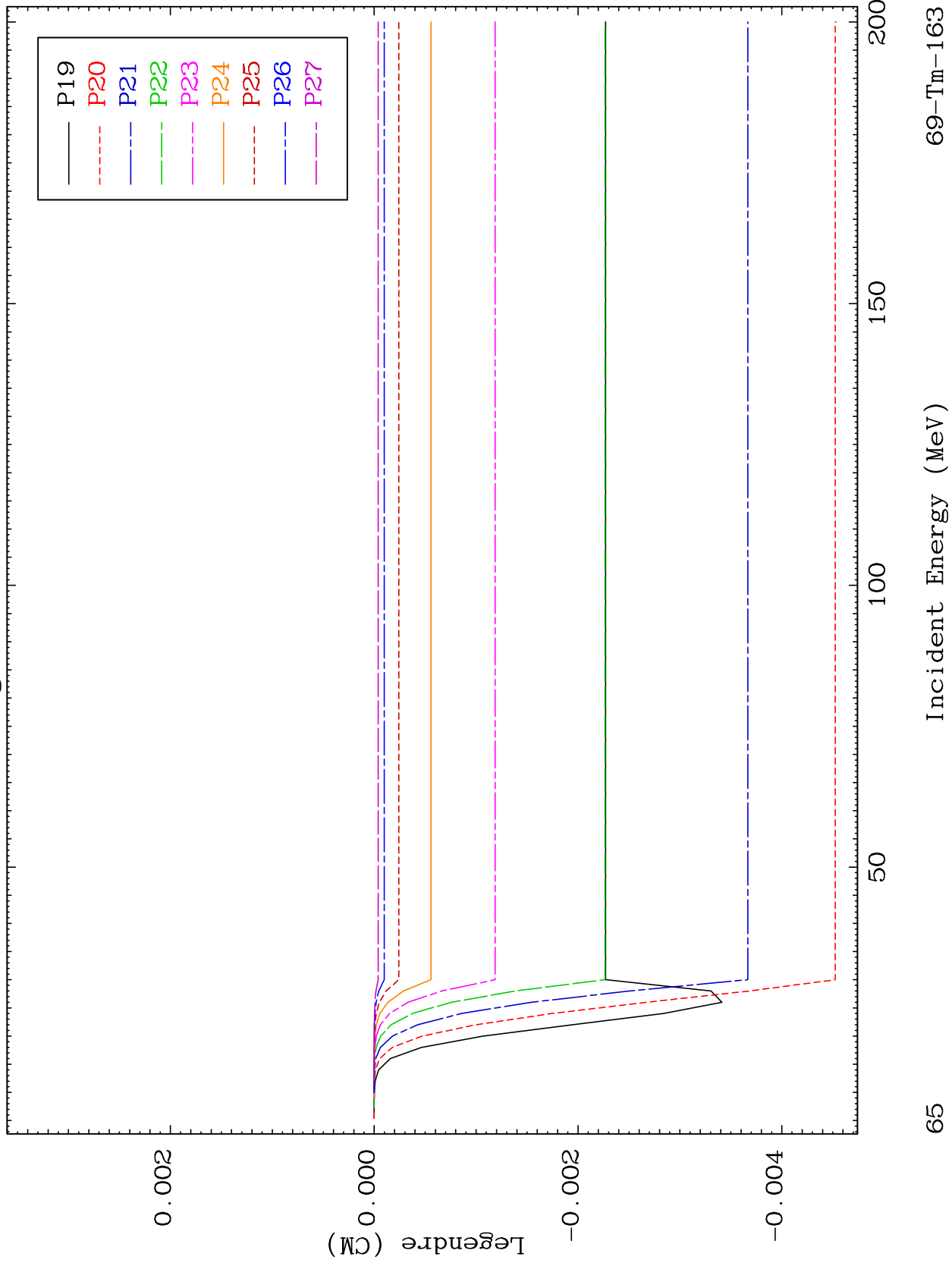
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



65

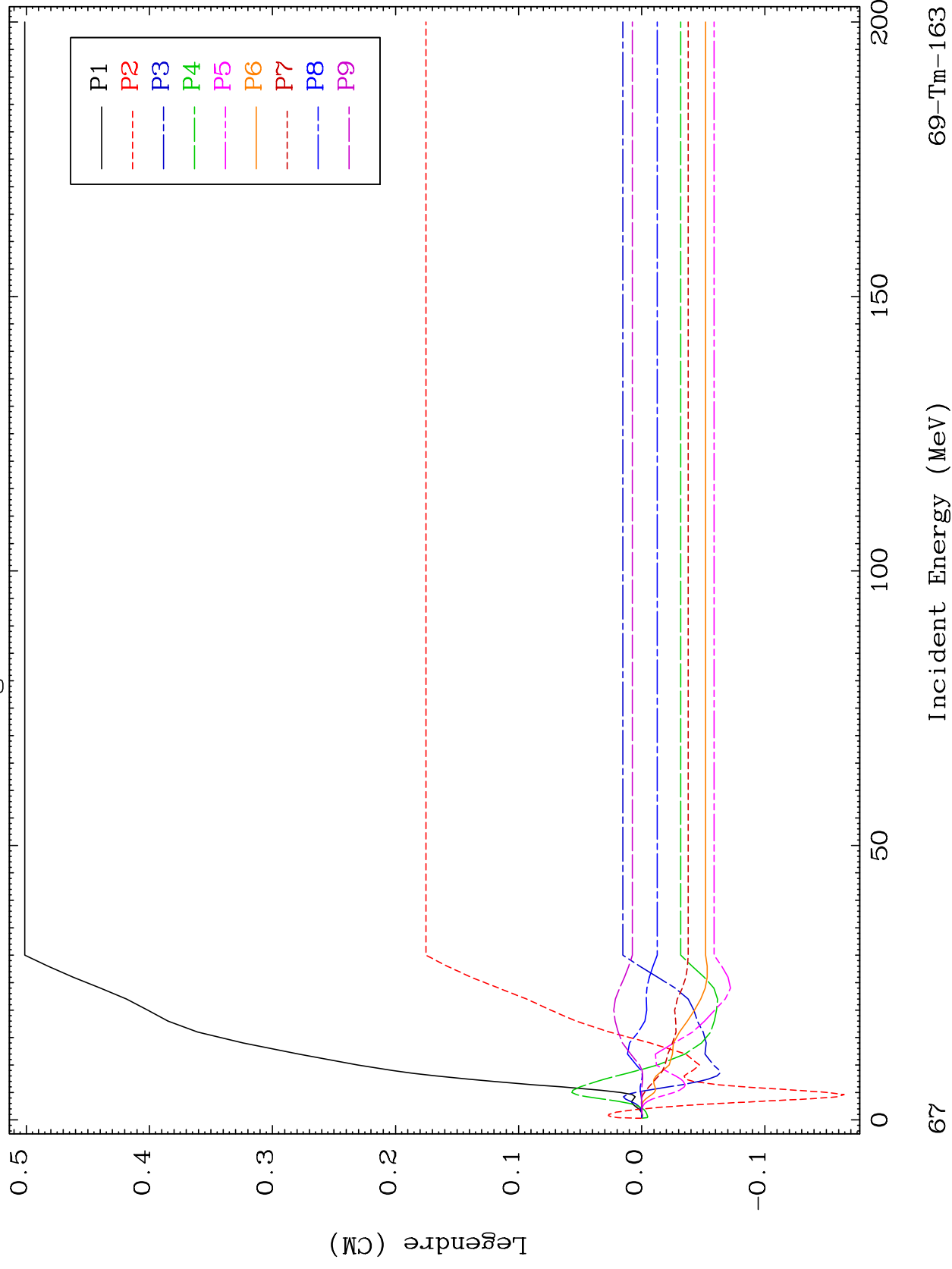
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

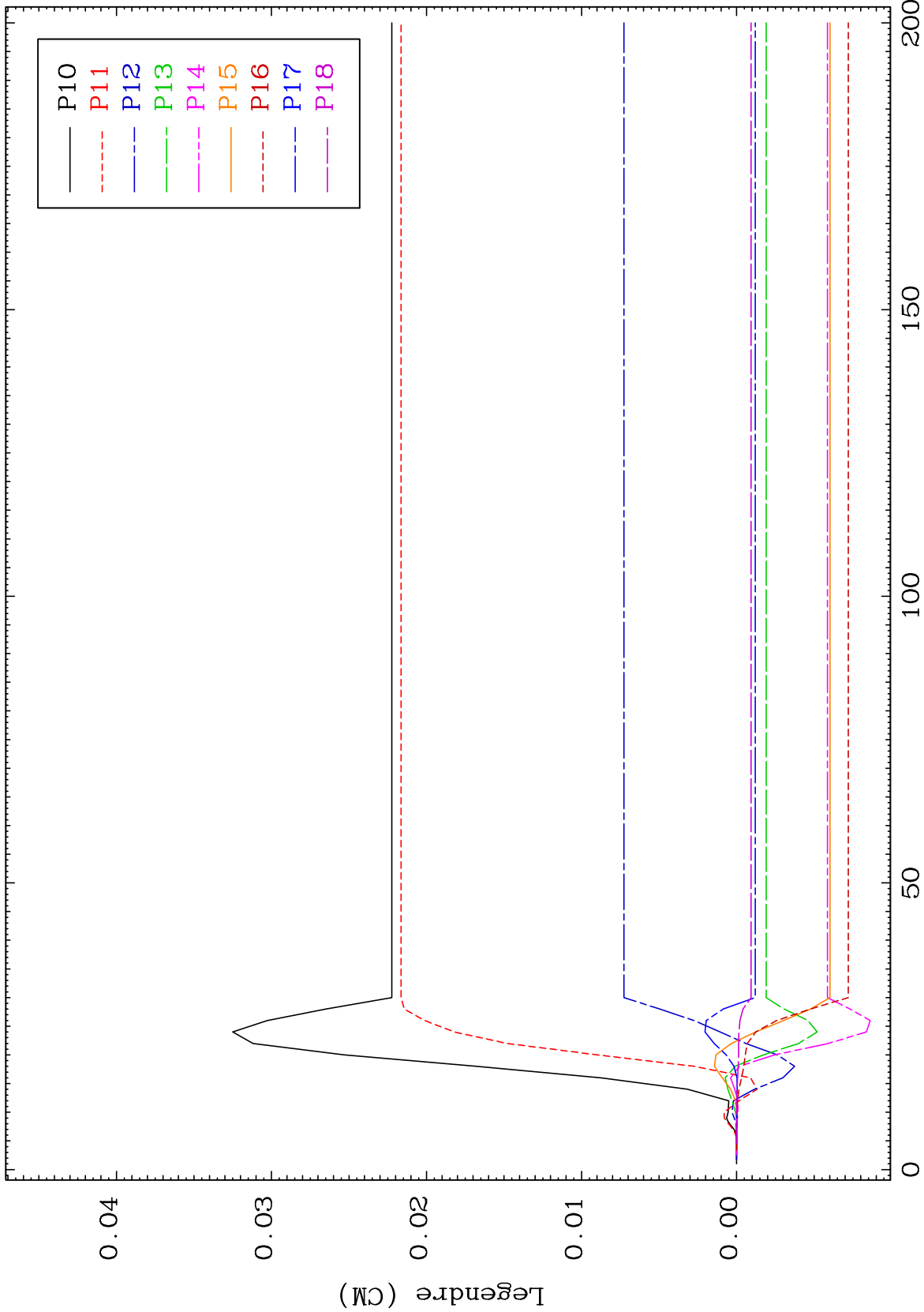
Incident Energy (MeV)

67

MAT 6907

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

69-Tm-163



68

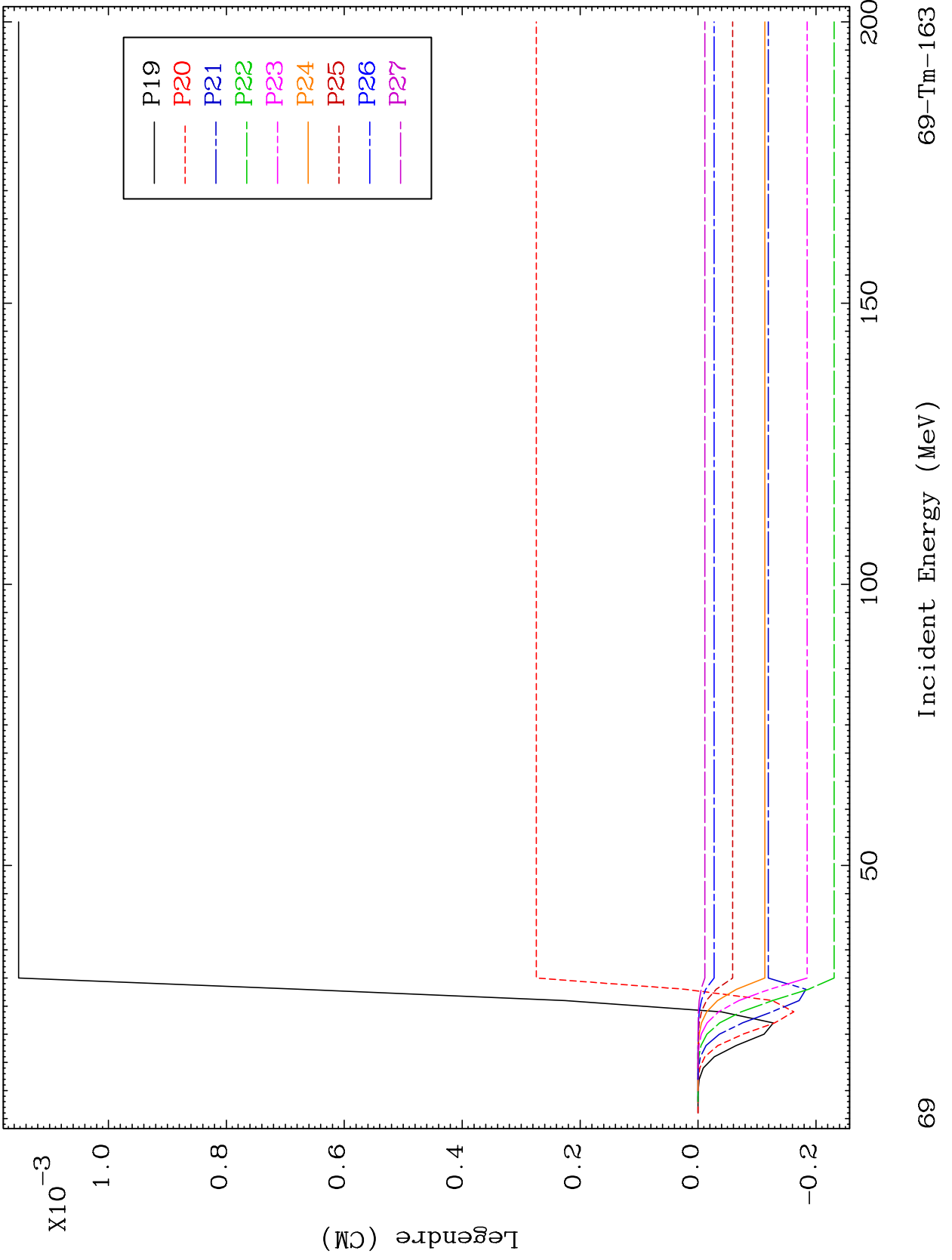
Incident Energy (MeV)

69-Tm-163

MAT 6907

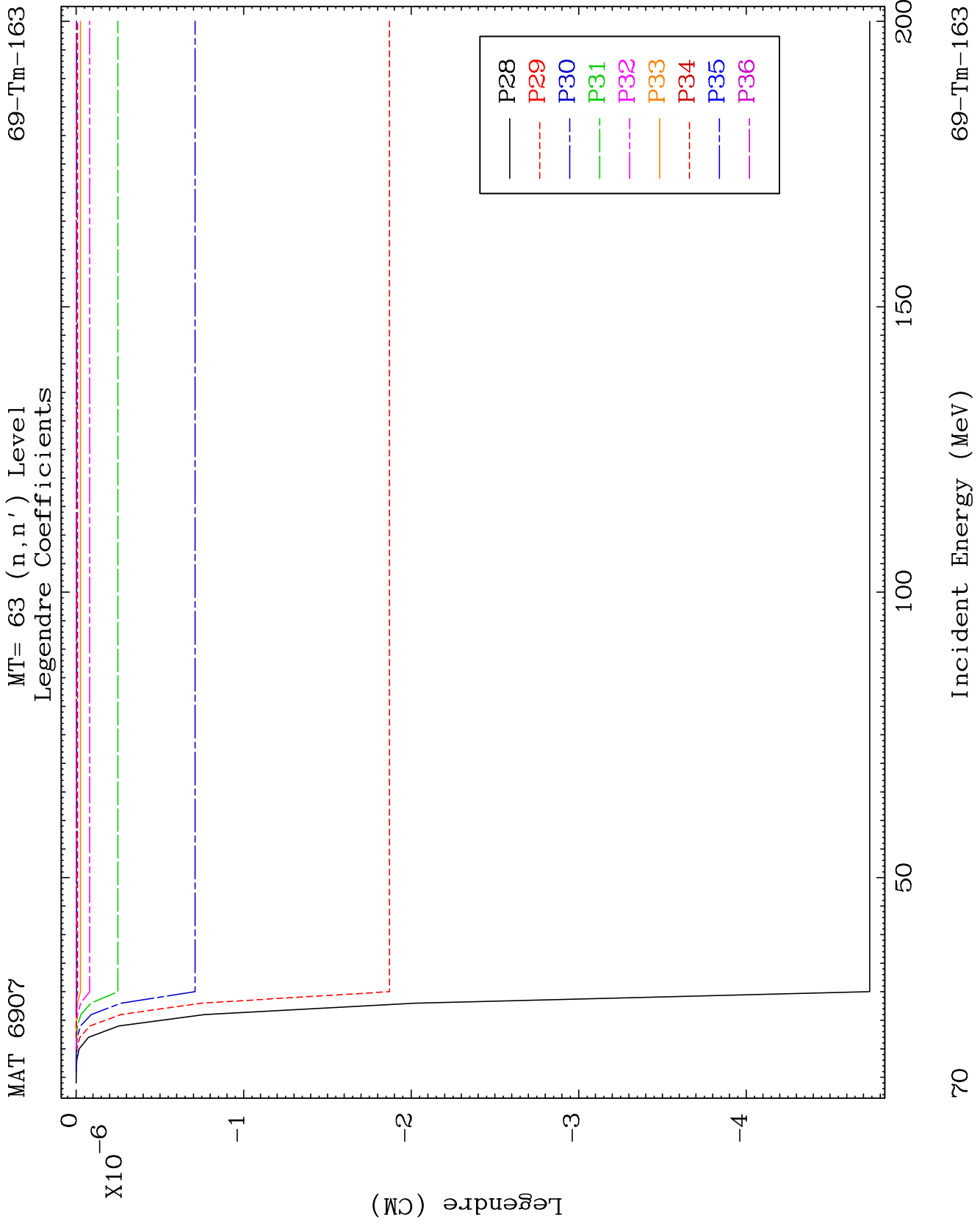
MT= 63 (n,n') Level
Legendre Coefficients

69-Tm-163



69

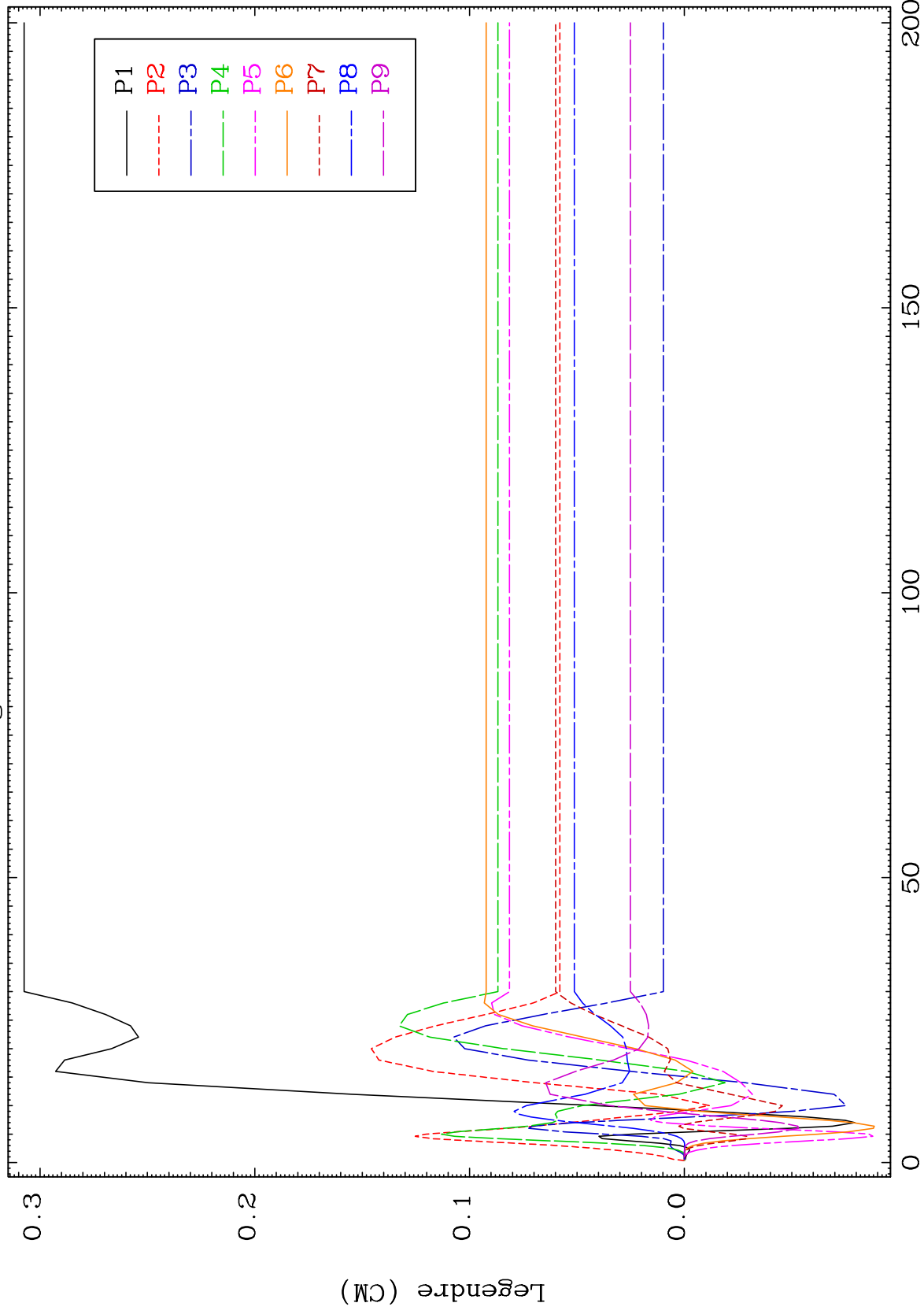
69-Tm-163



MAT 6907

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

69-Tm-163



71

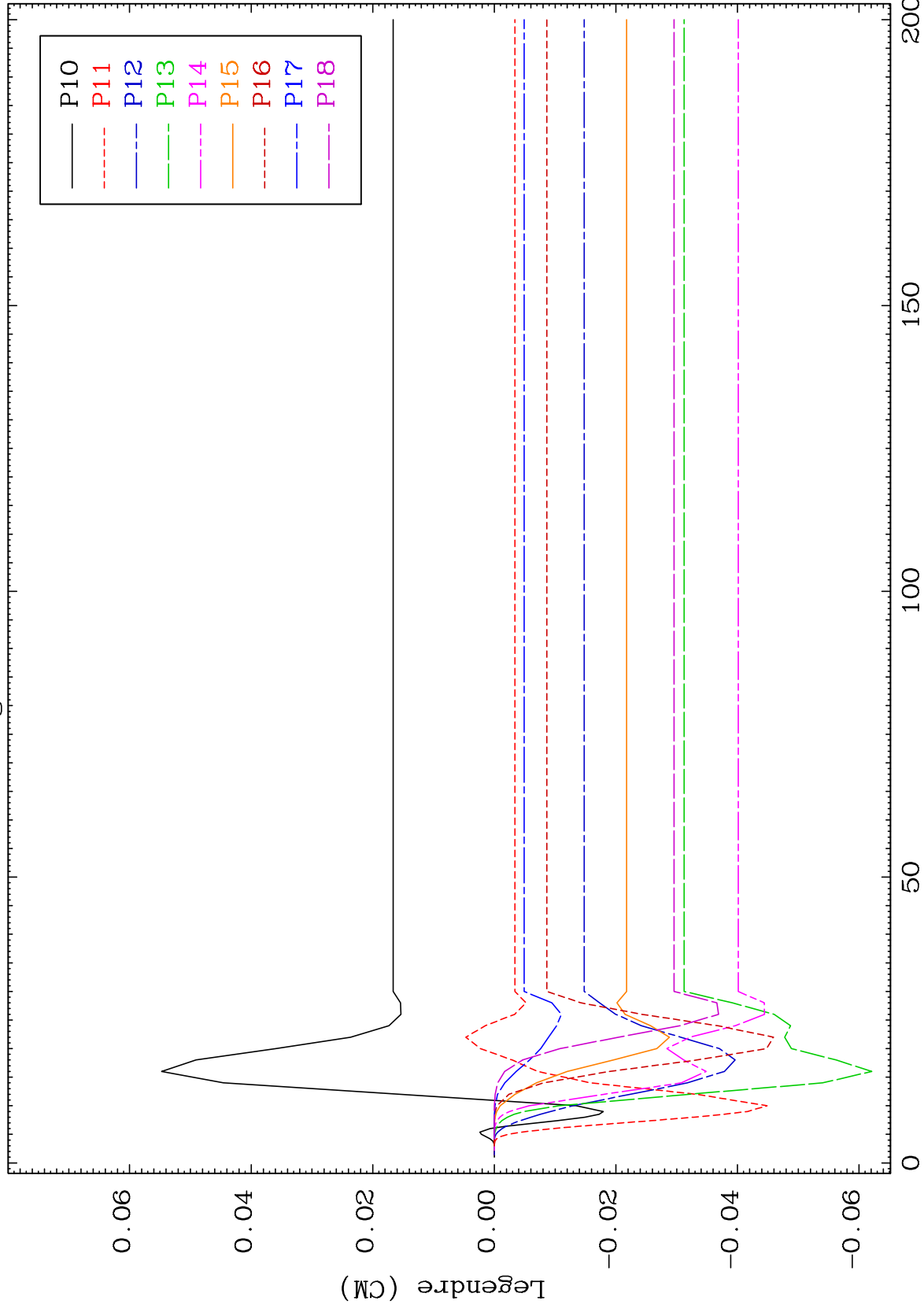
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



72

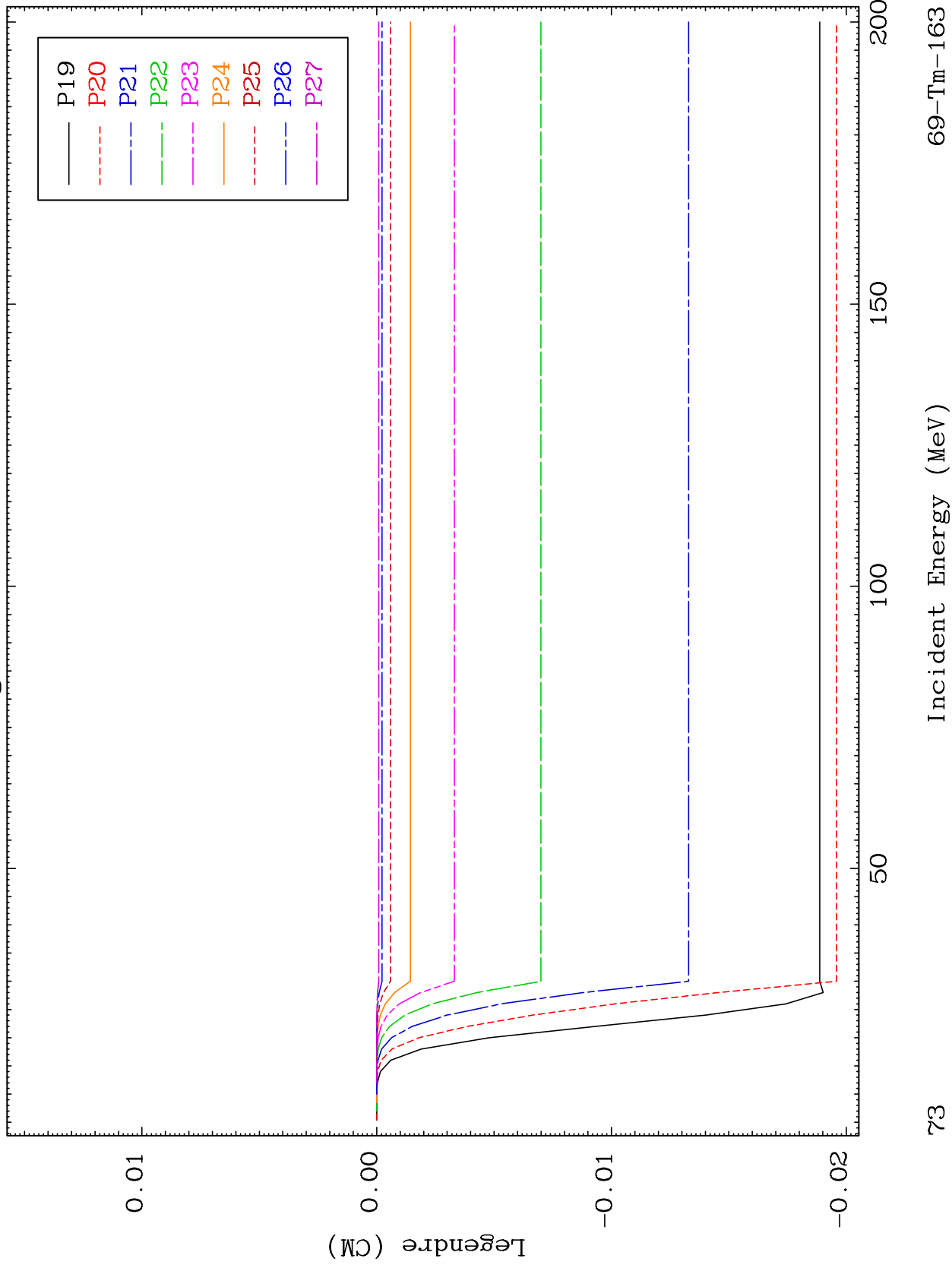
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

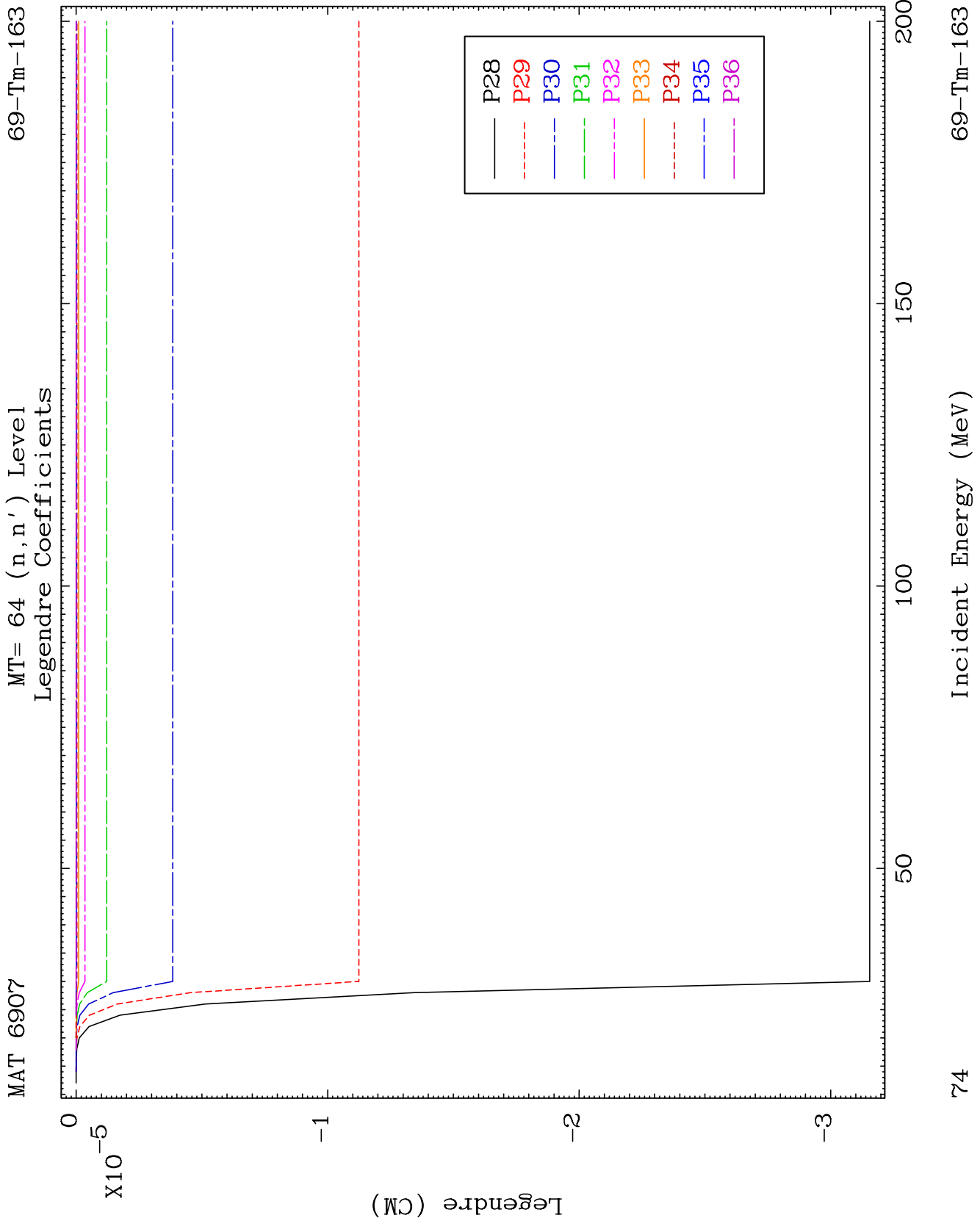
69-Tm-163



73

Incident Energy (MeV)

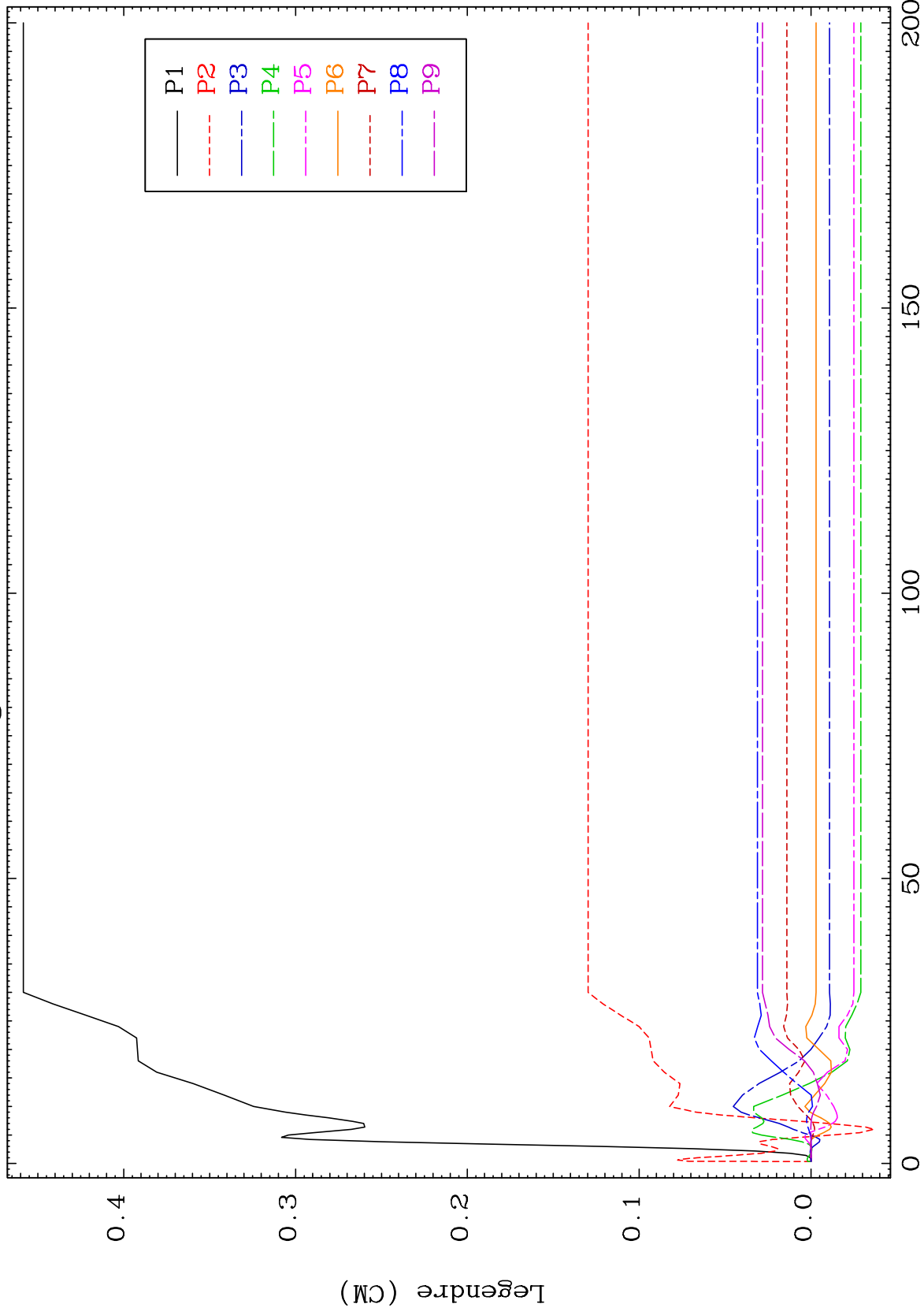
69-Tm-163



MAT 6907

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

69-Tm-163



75

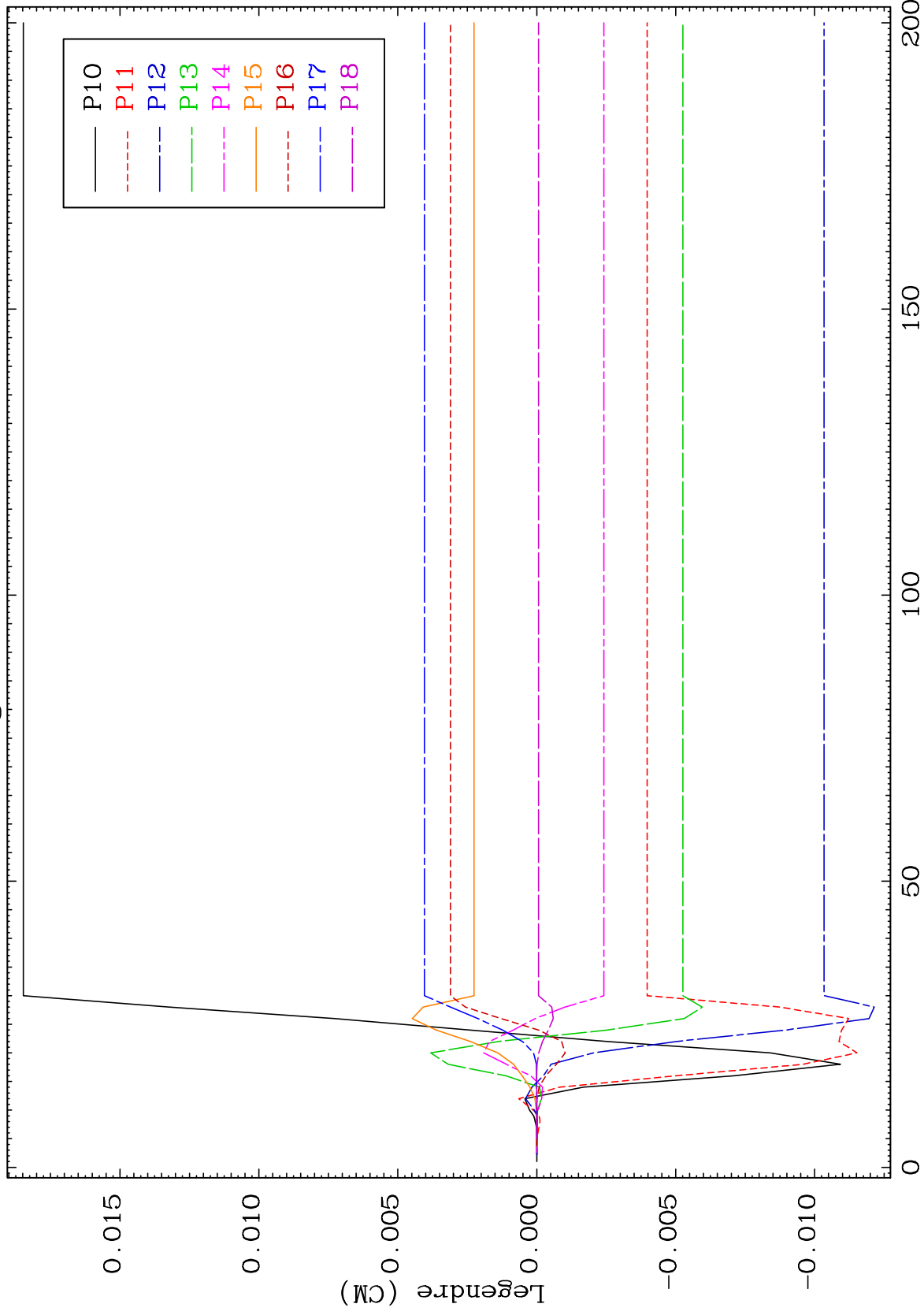
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

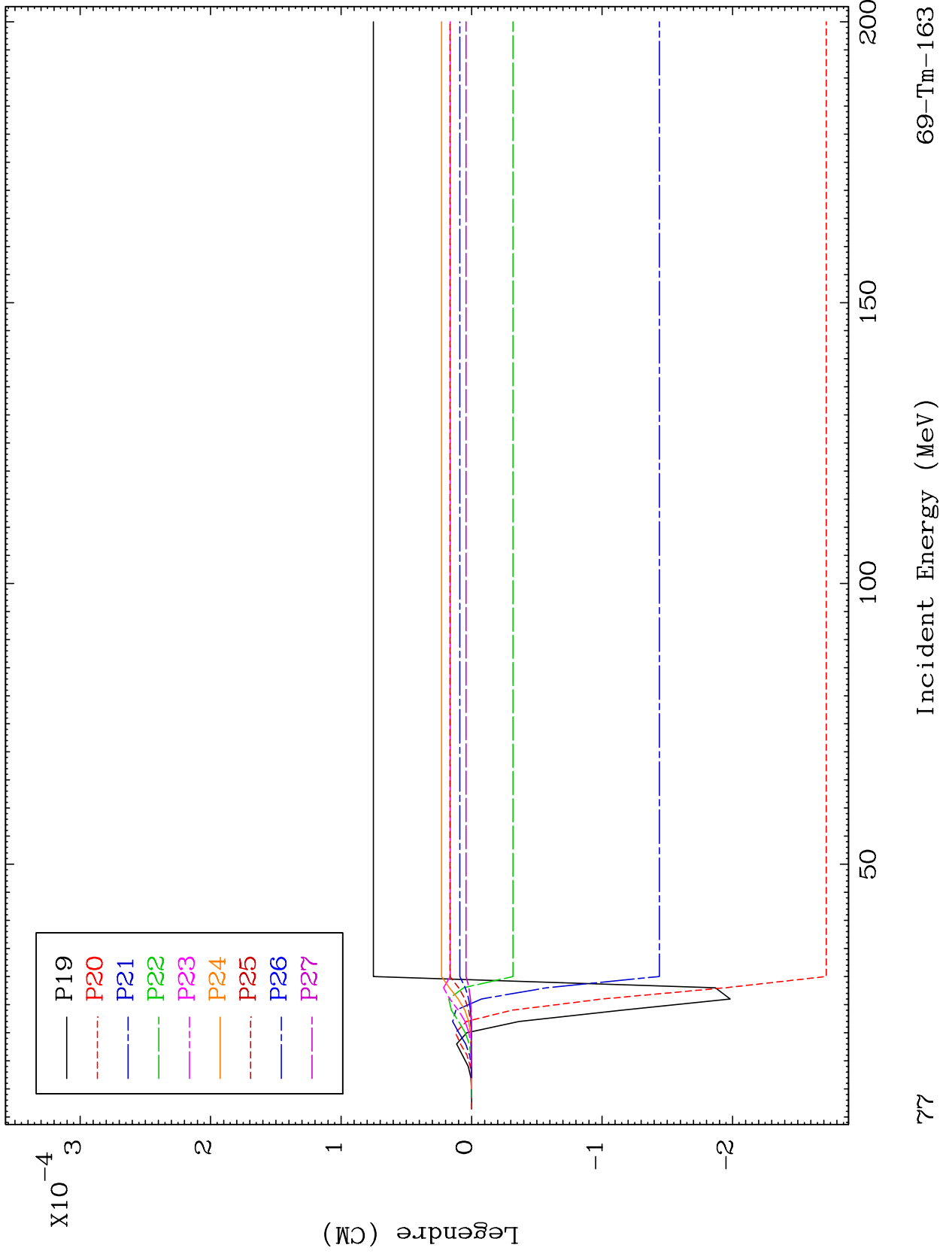
69-Tm-163



76

Incident Energy (MeV)

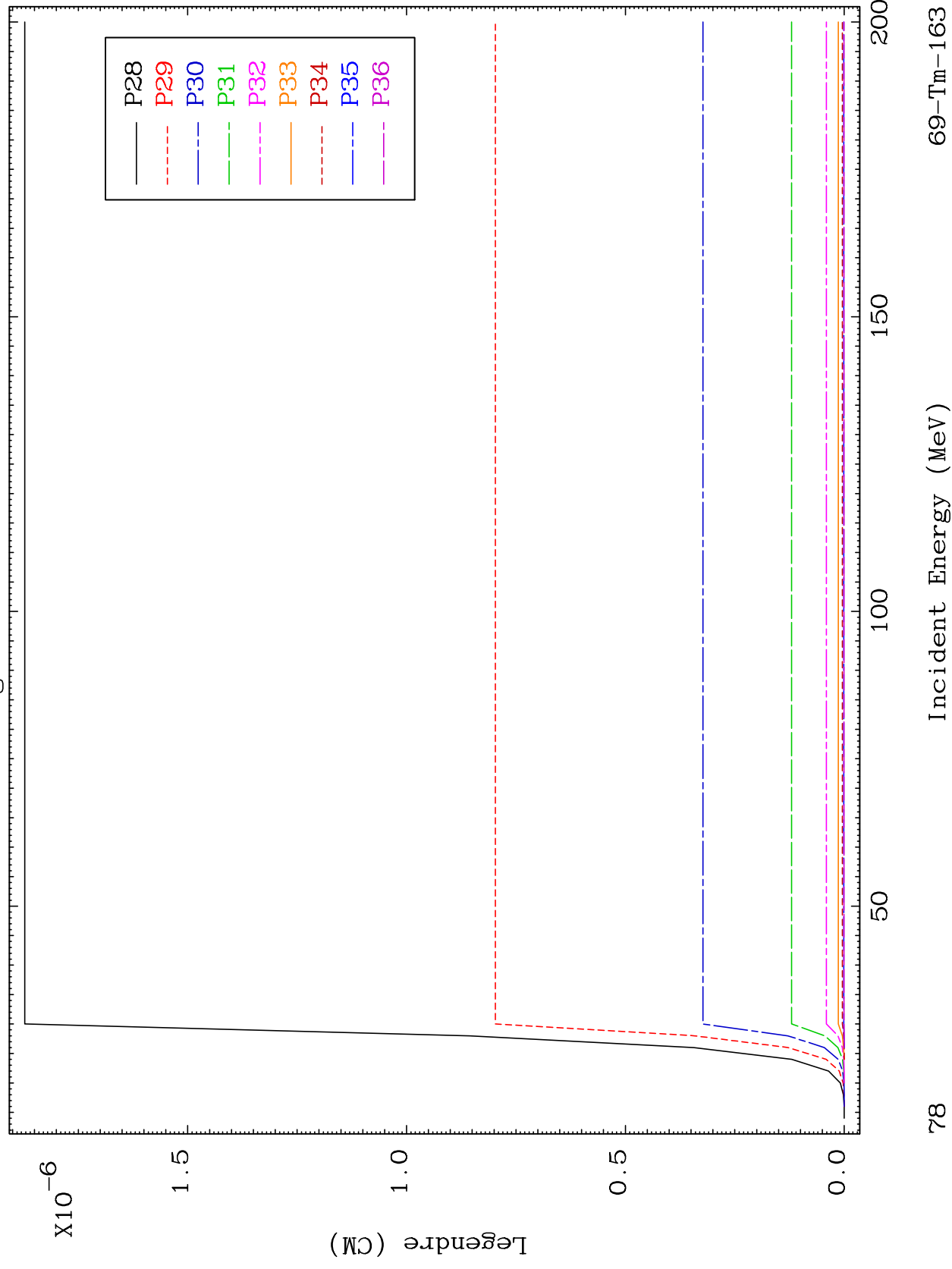
69-Tm-163



MAT 6907

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

69-Tm-163



78

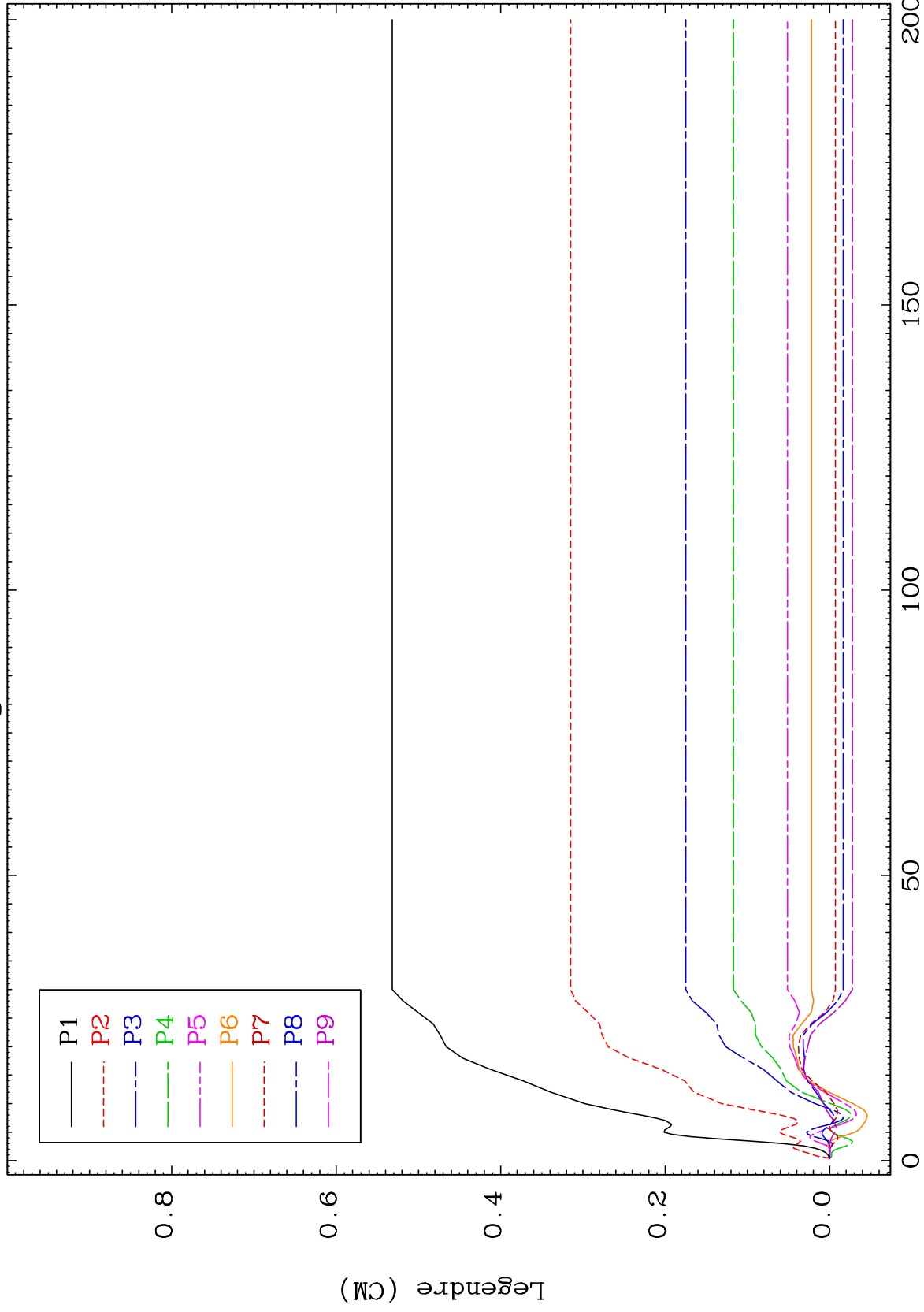
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



79

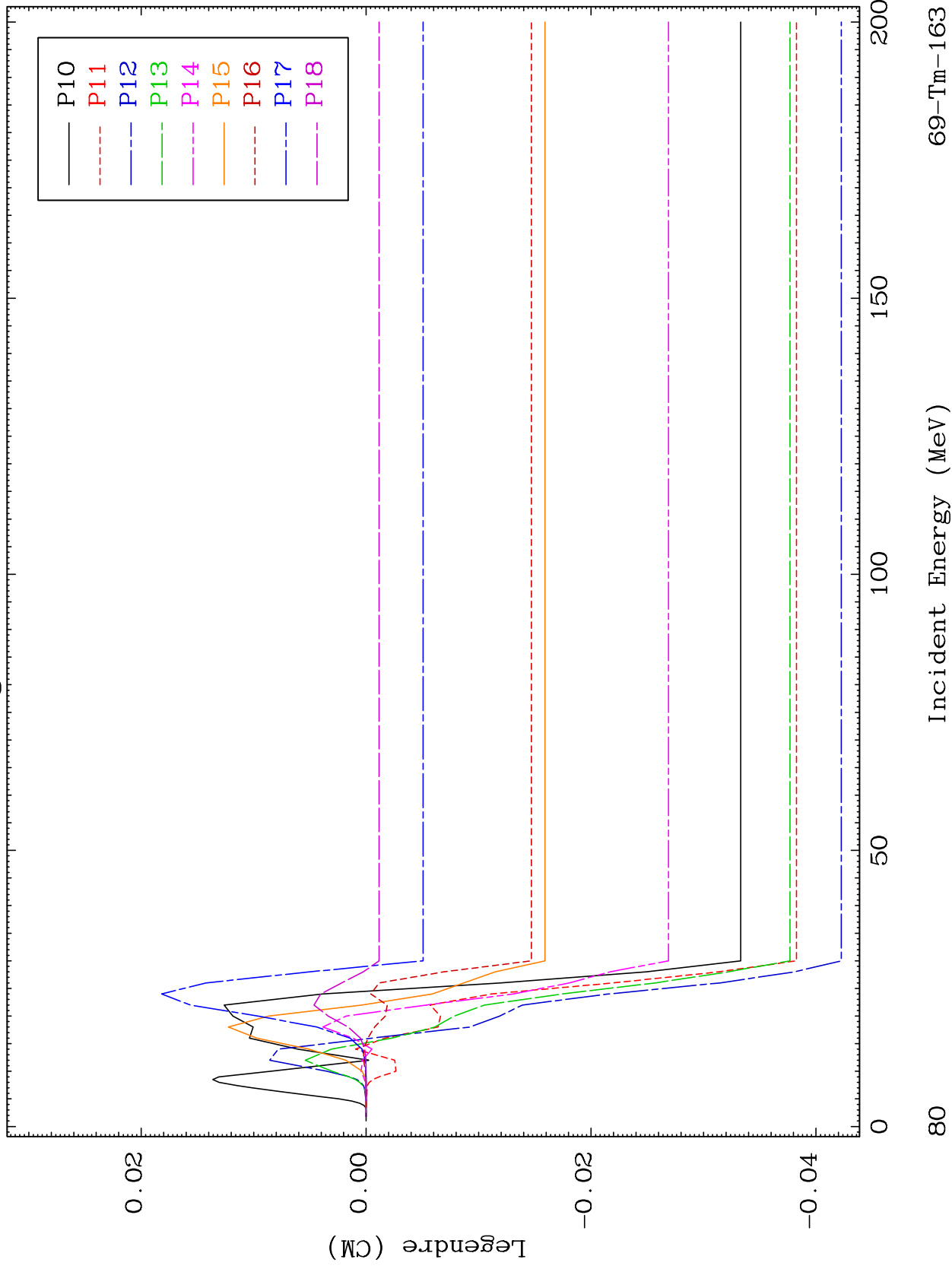
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

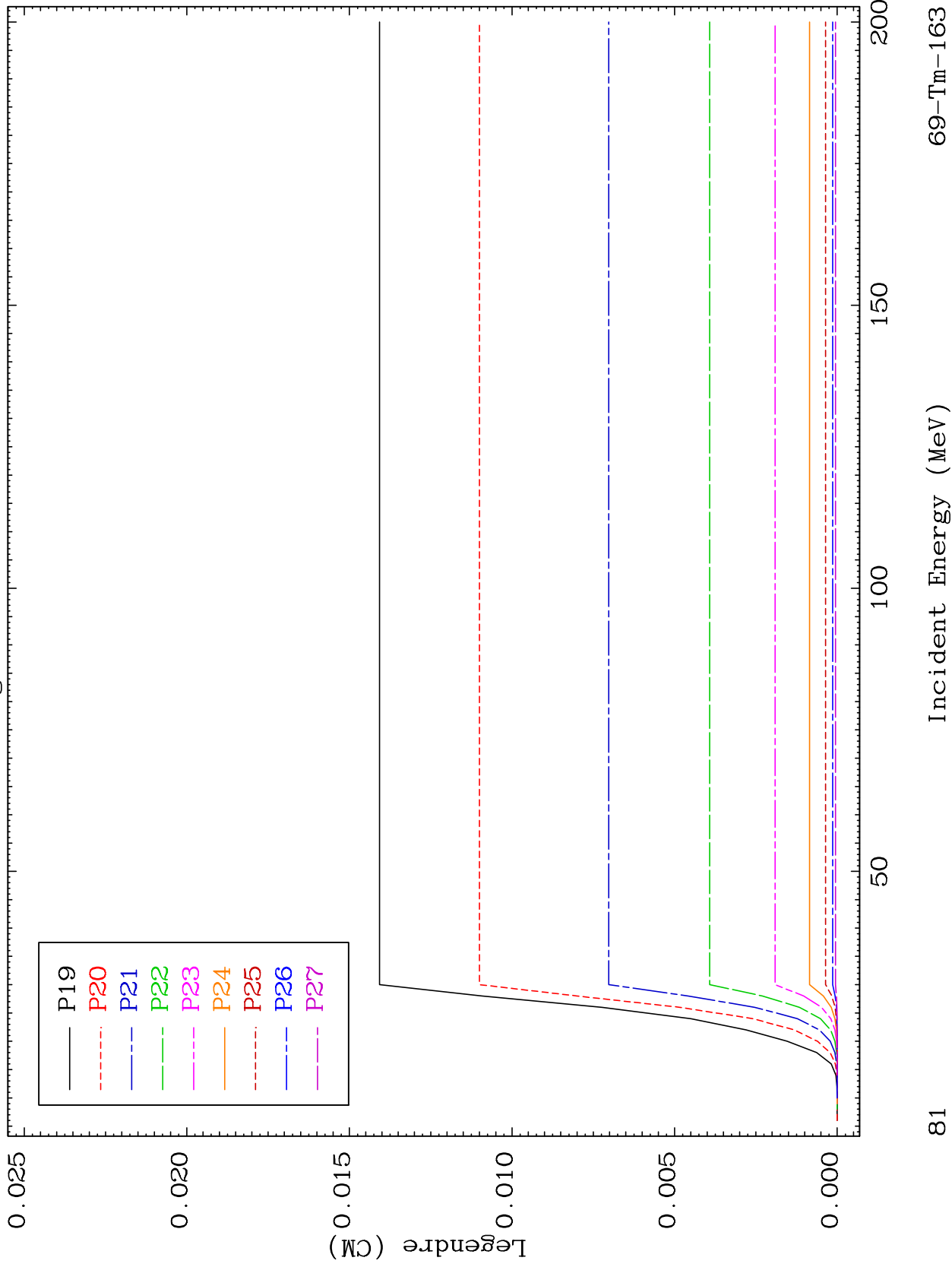
69-Tm-163



69-Tm-163

Incident Energy (MeV)

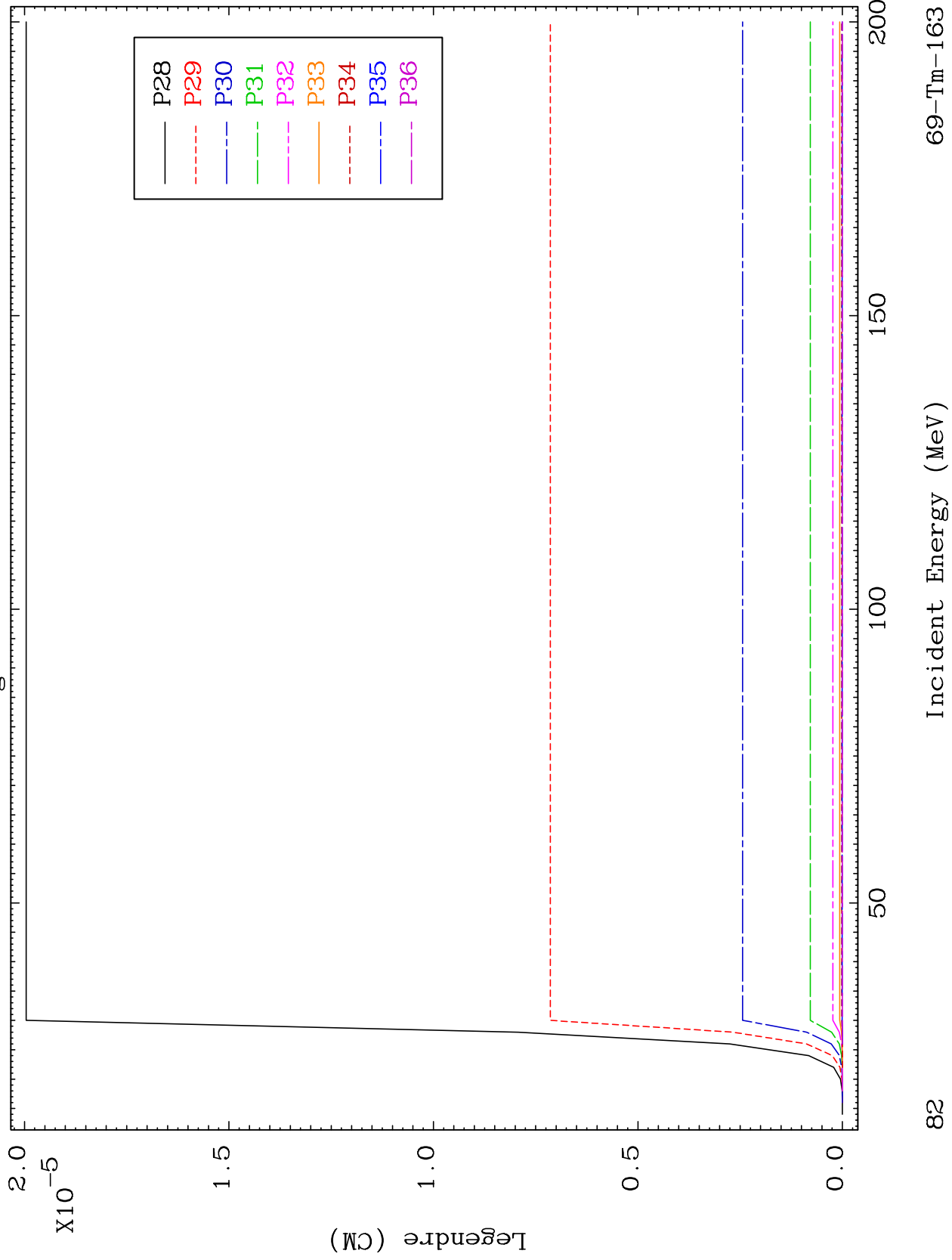
80



MAT 6907

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

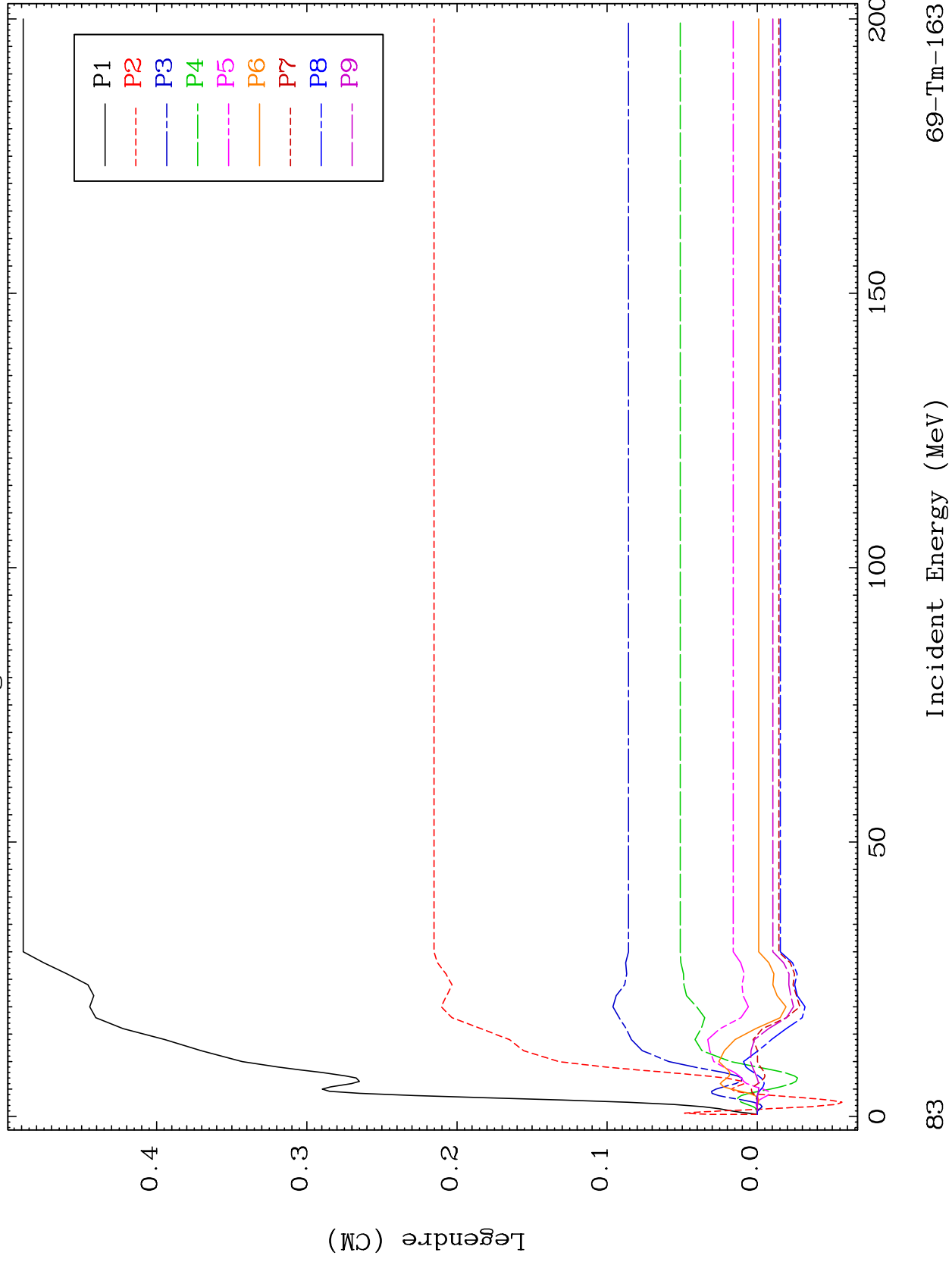
69-Tm-163



MAT 6907

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

69-Tm-163



83

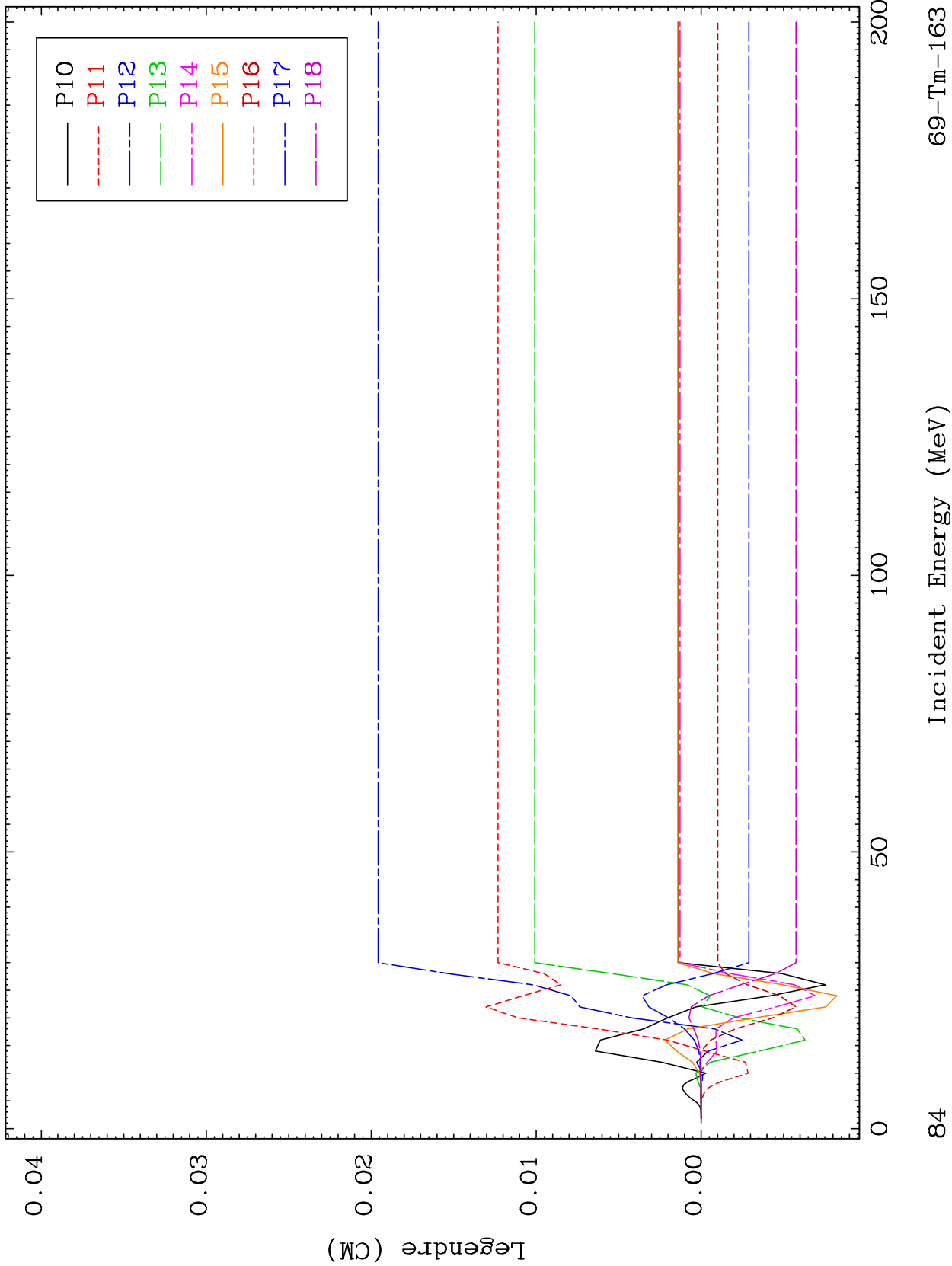
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



84

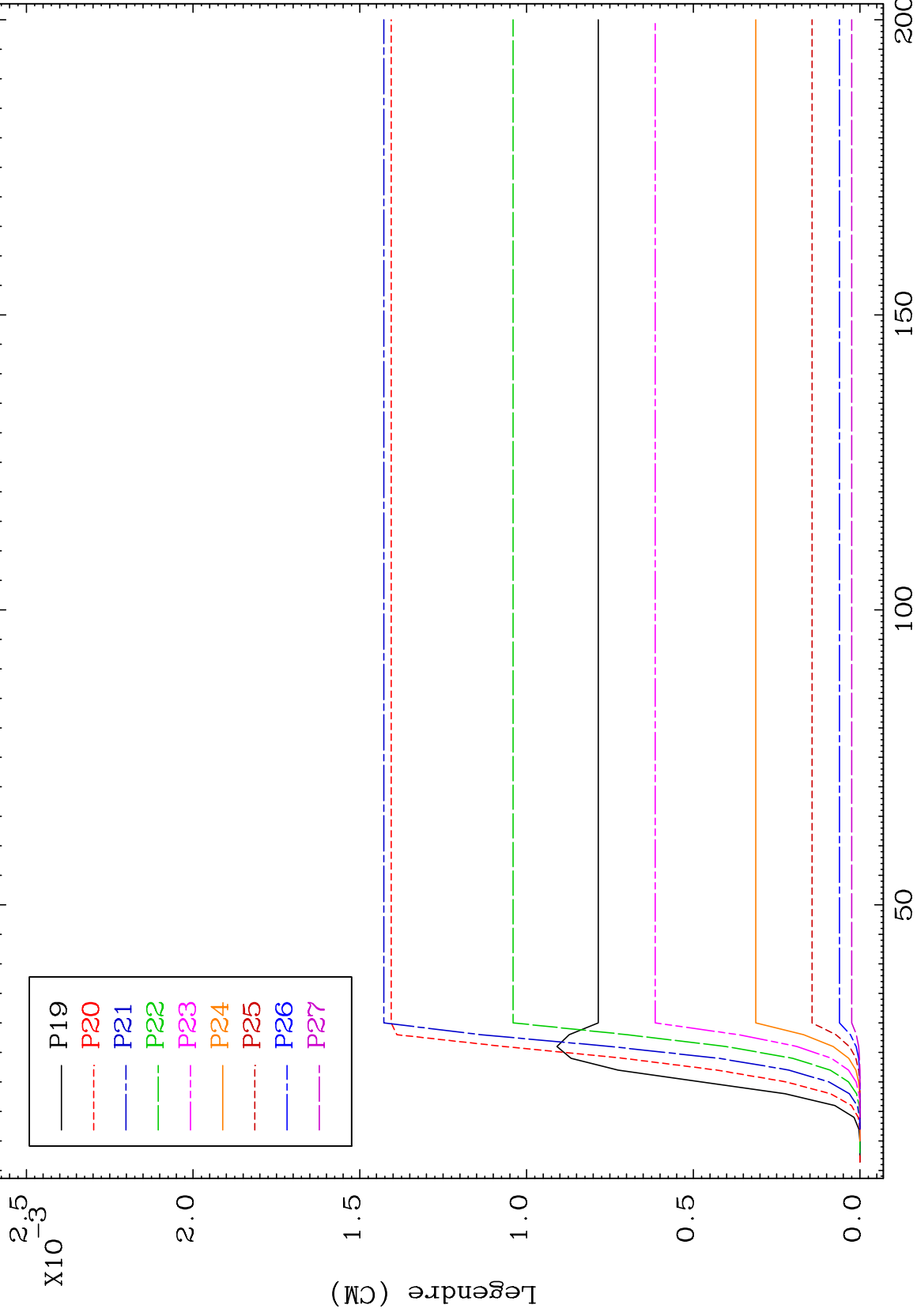
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



85

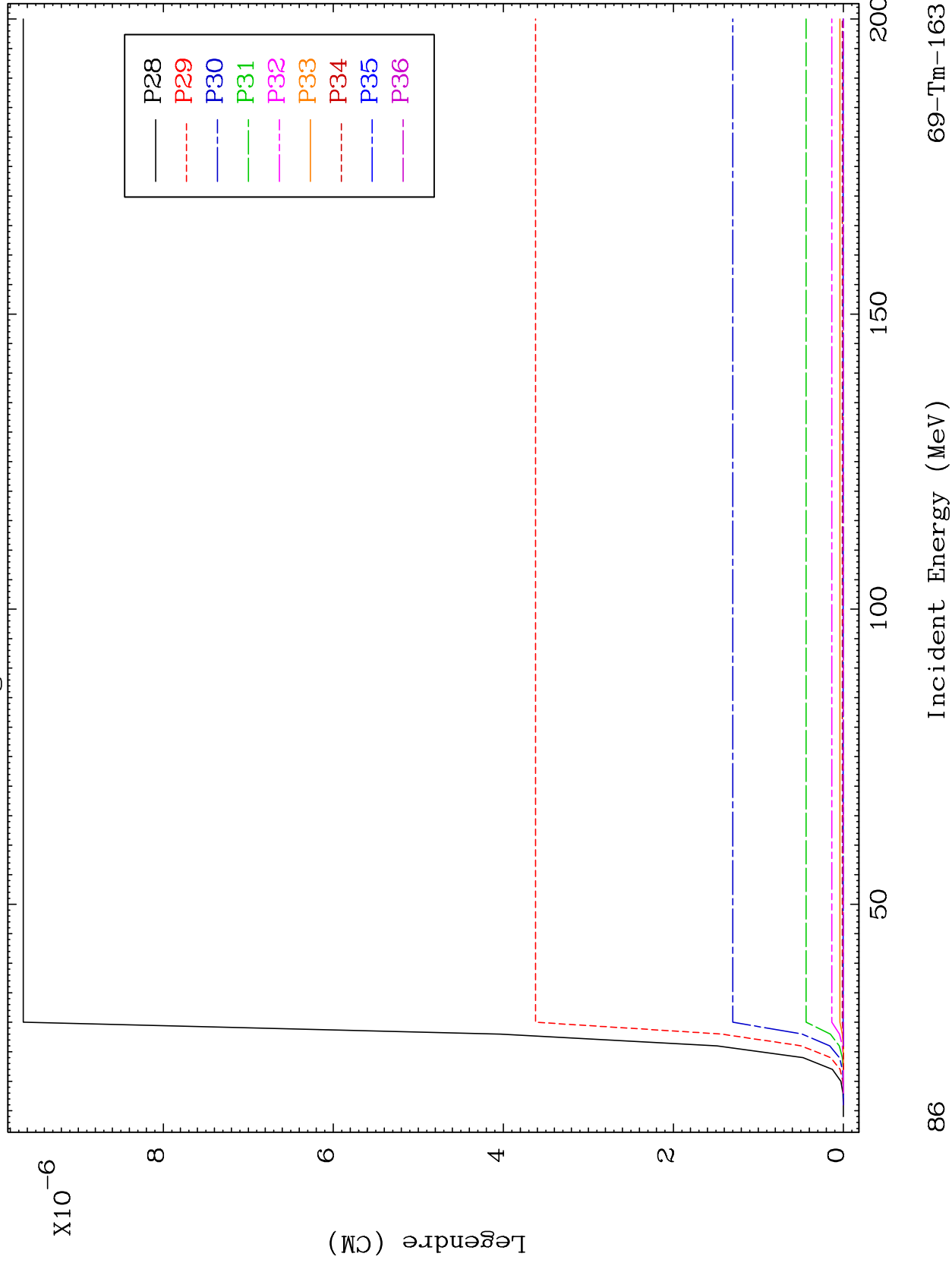
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

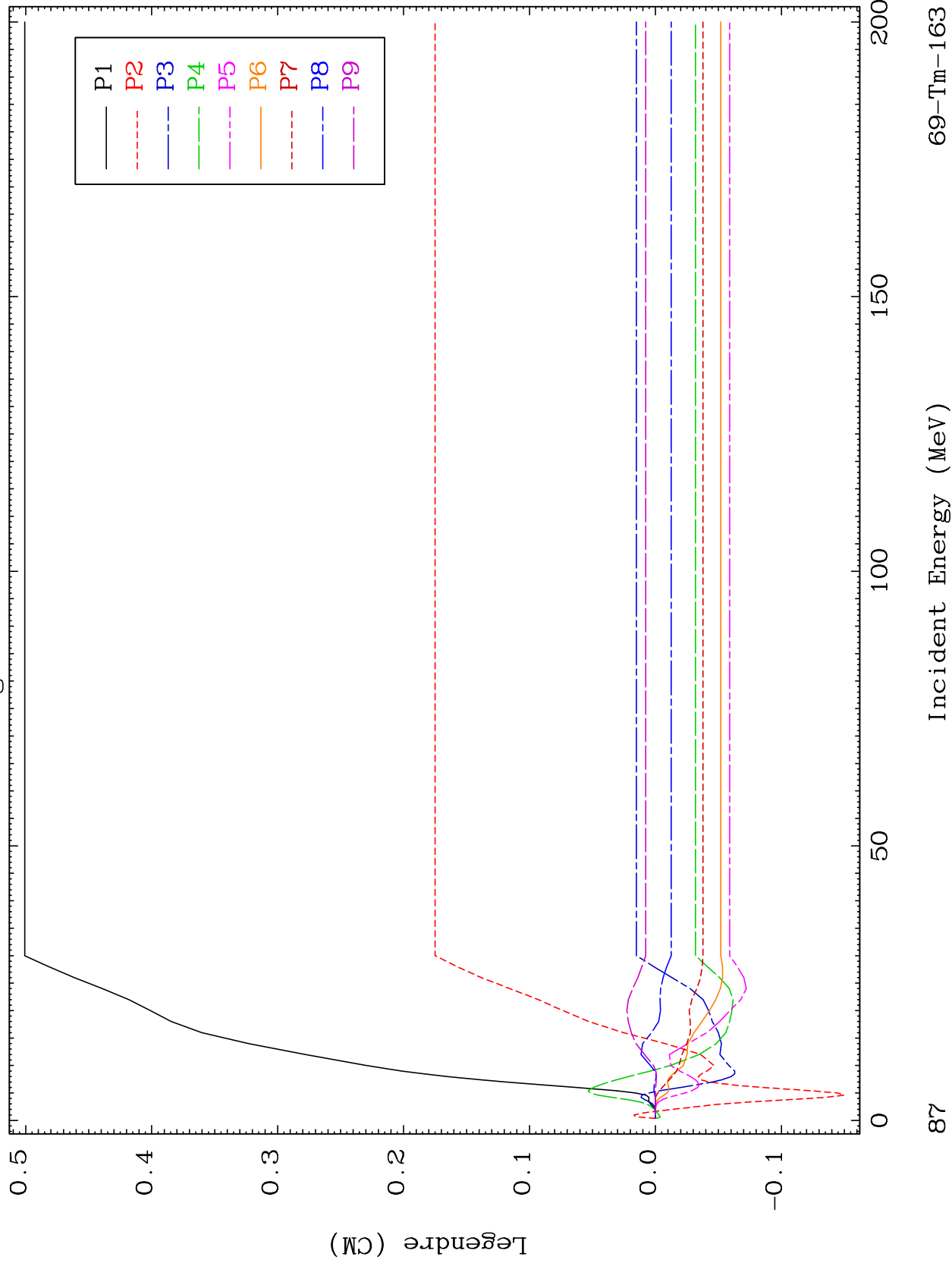
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

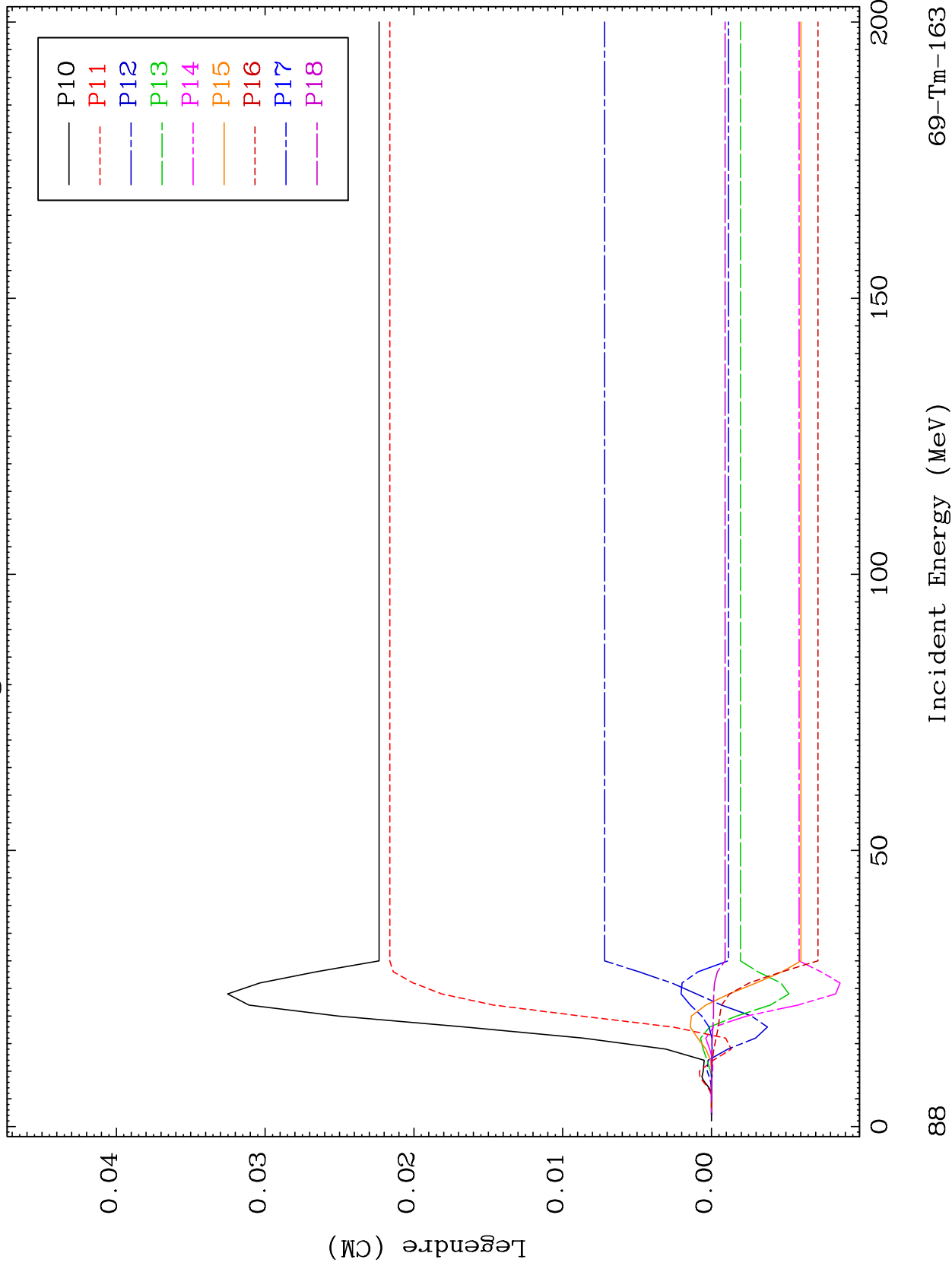
Incident Energy (MeV)

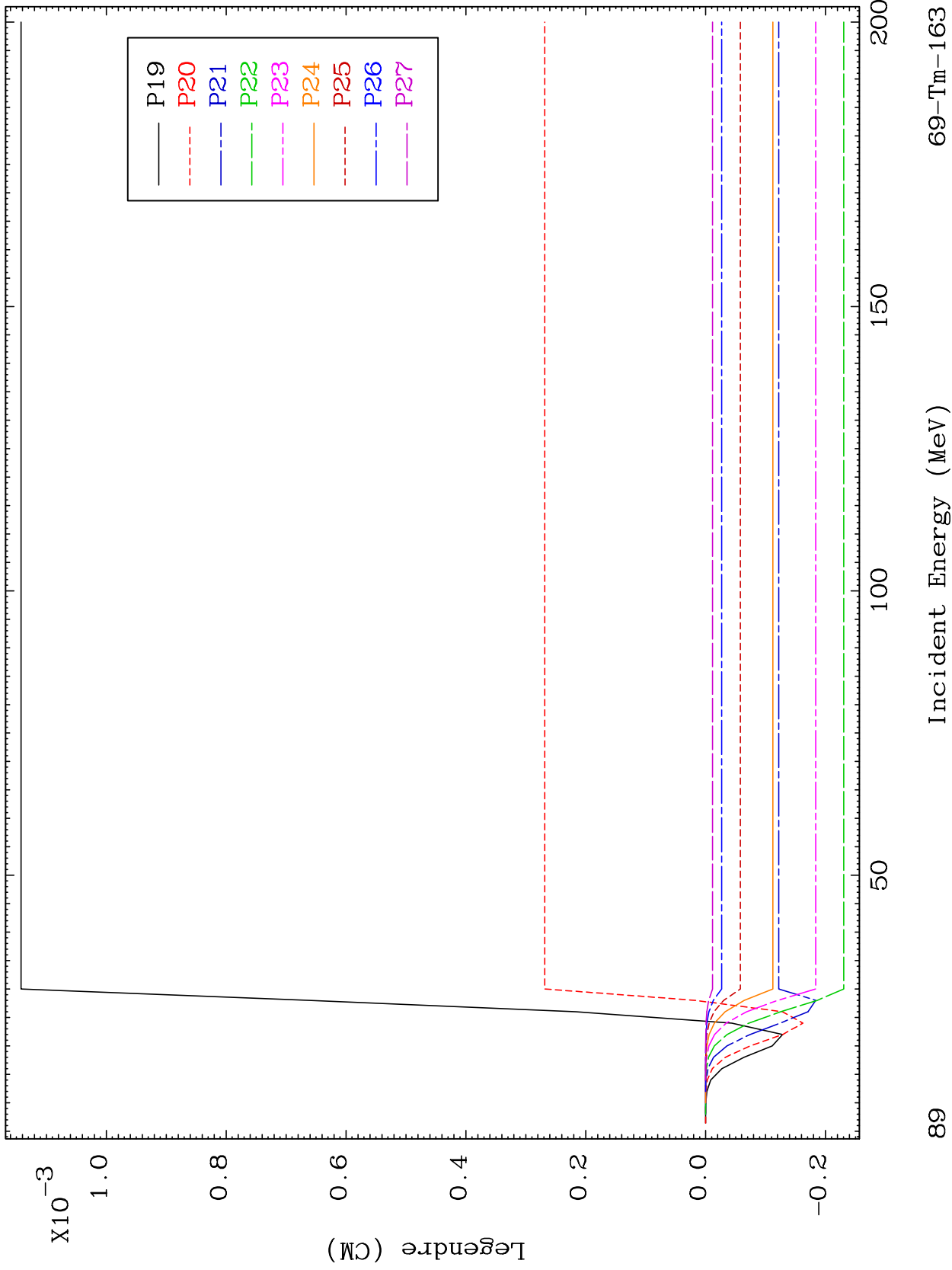
87

MAT 6907

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

69-Tm-163

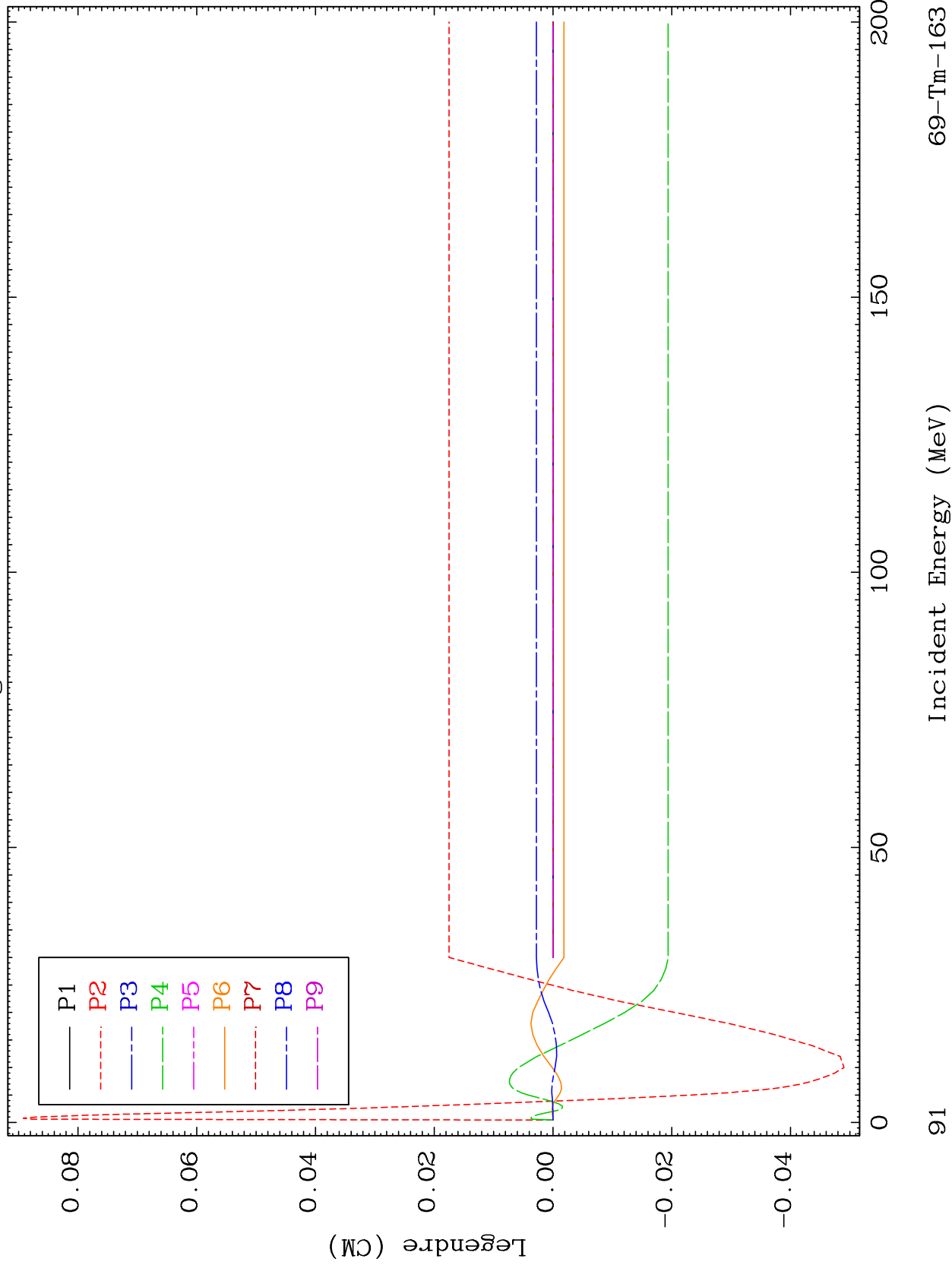




MAT 6907

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

69-Tm-163



91

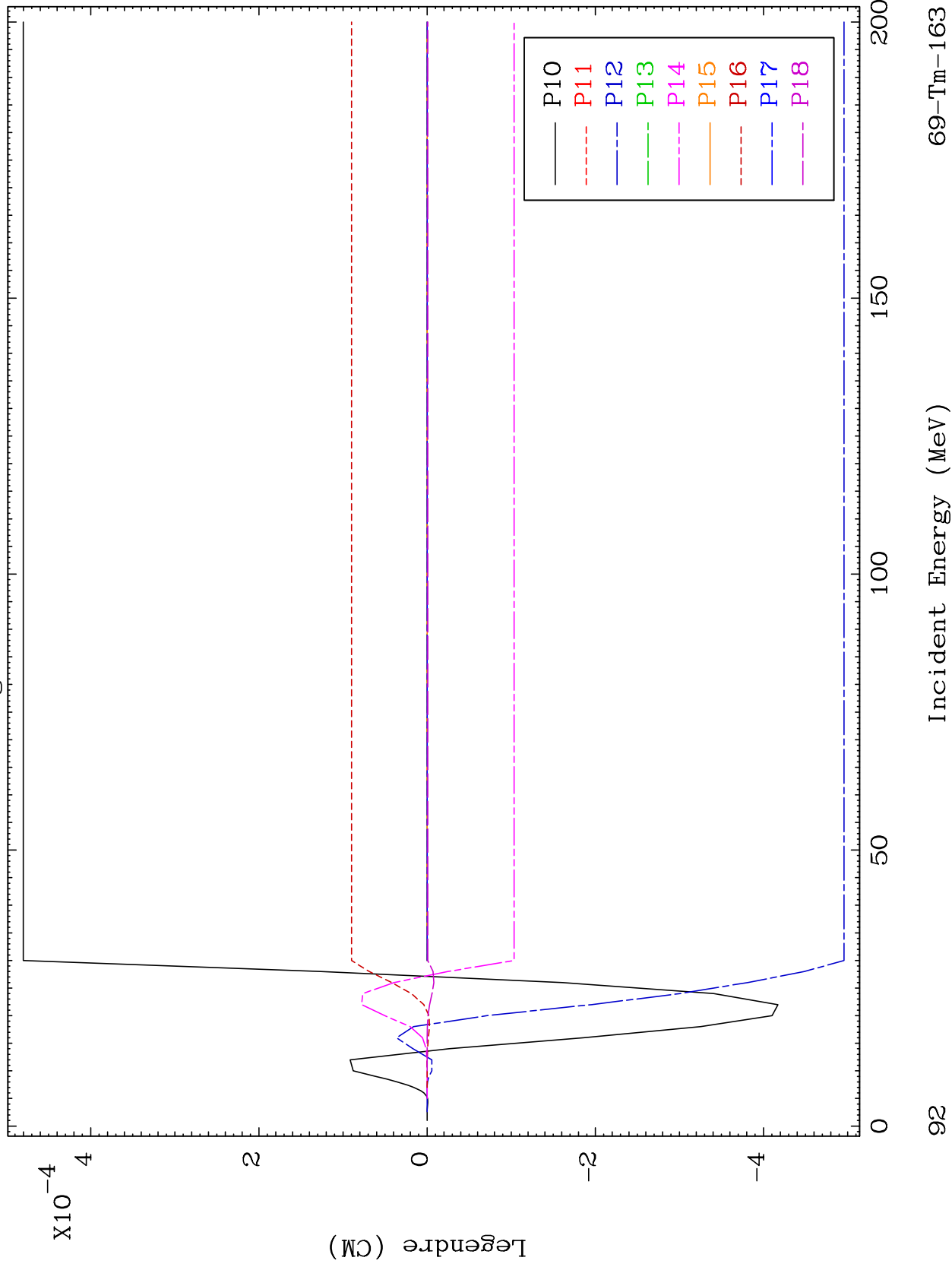
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

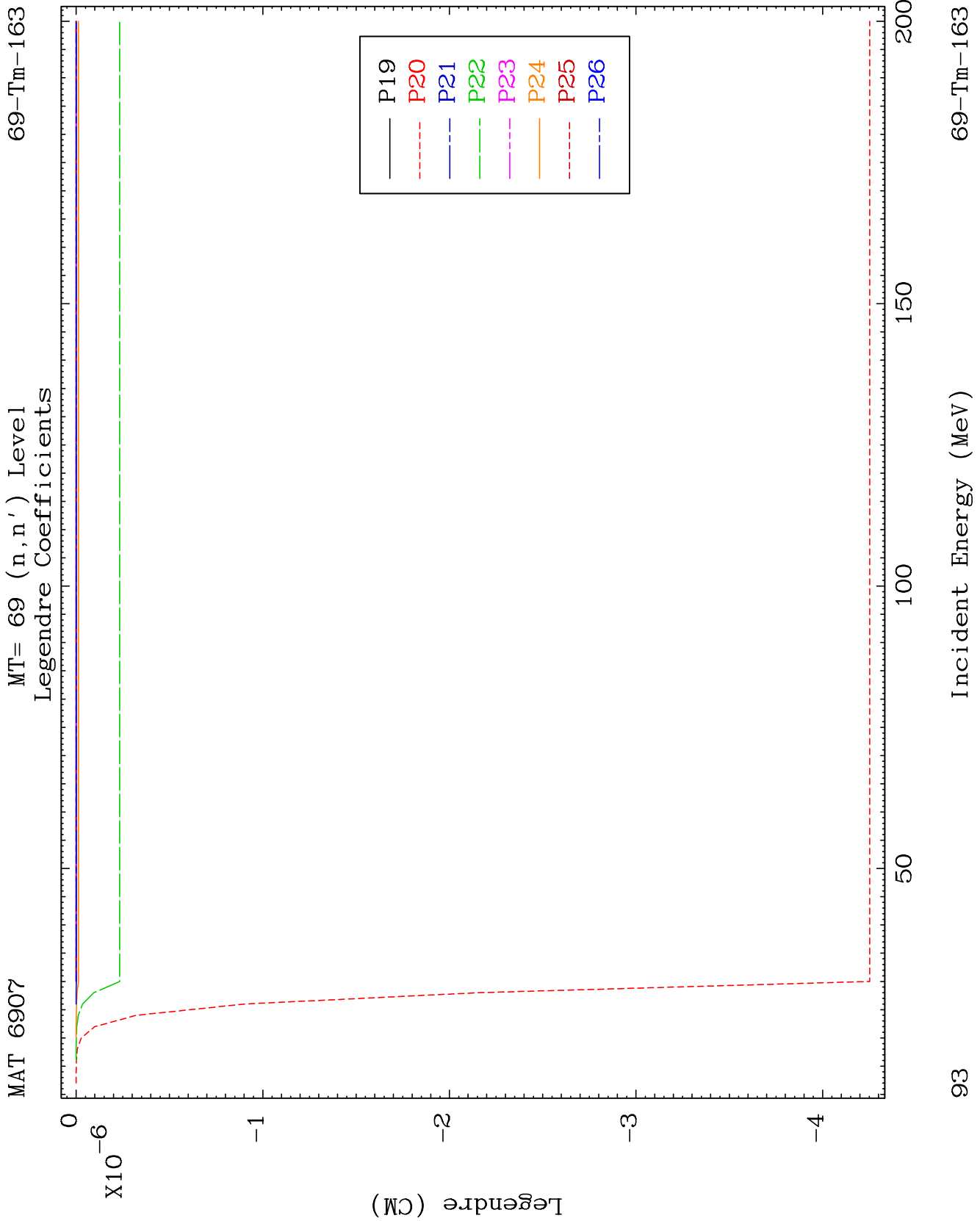
69-Tm-163



92

Incident Energy (MeV)

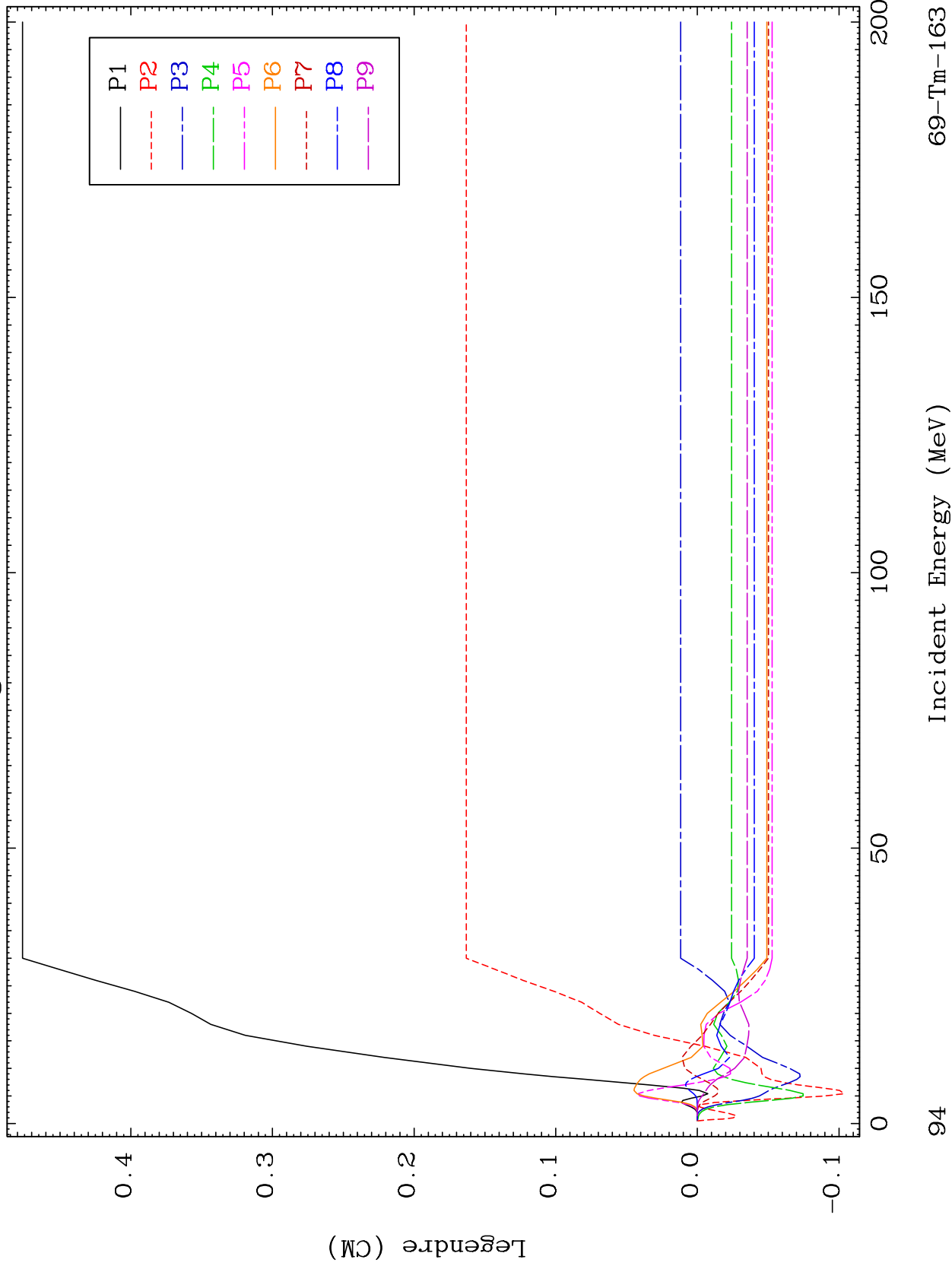
69-Tm-163



MAT 6907

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

69-Tm-163



69-Tm-163

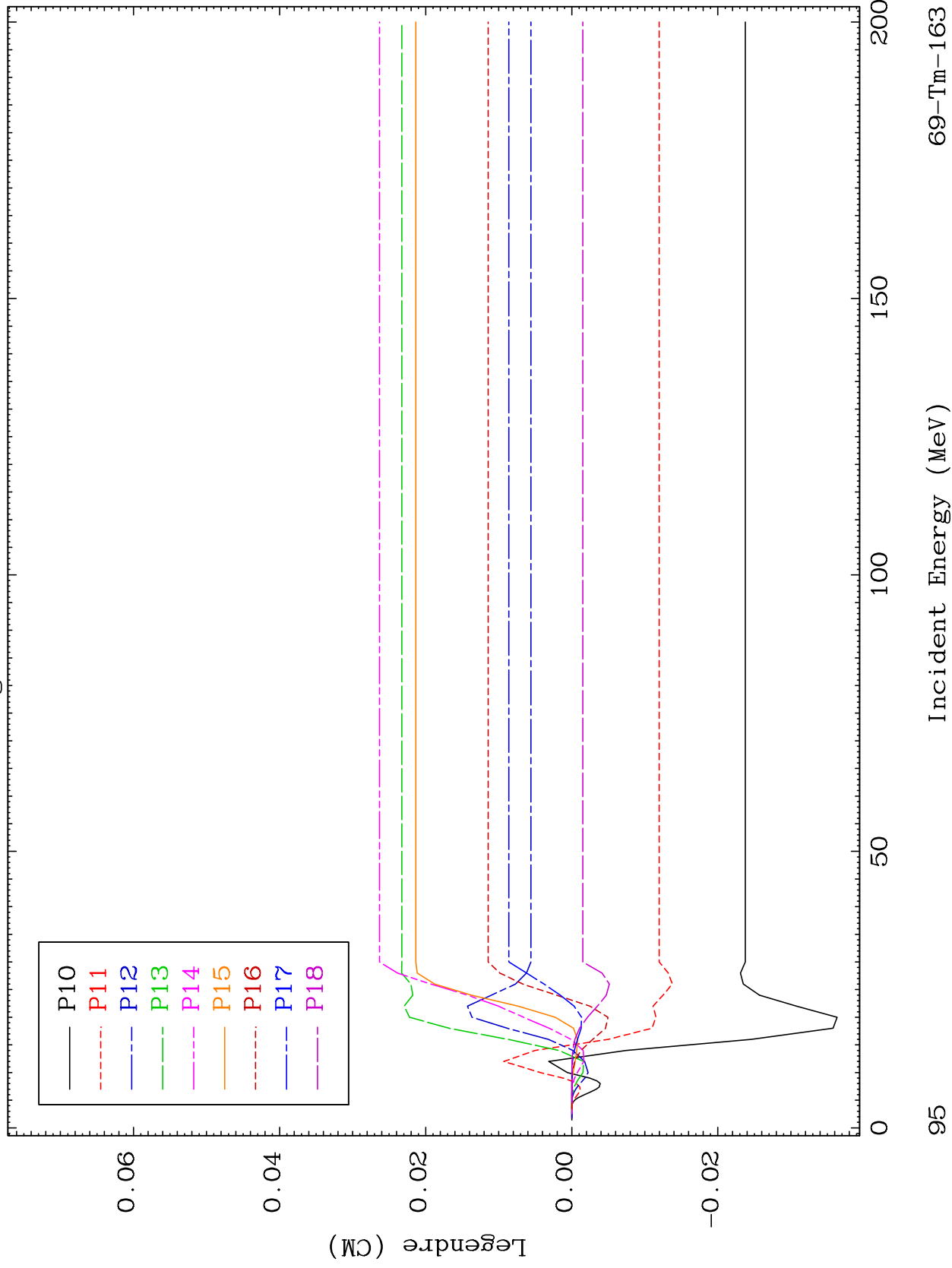
Incident Energy (MeV)

94

MAT 6907

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

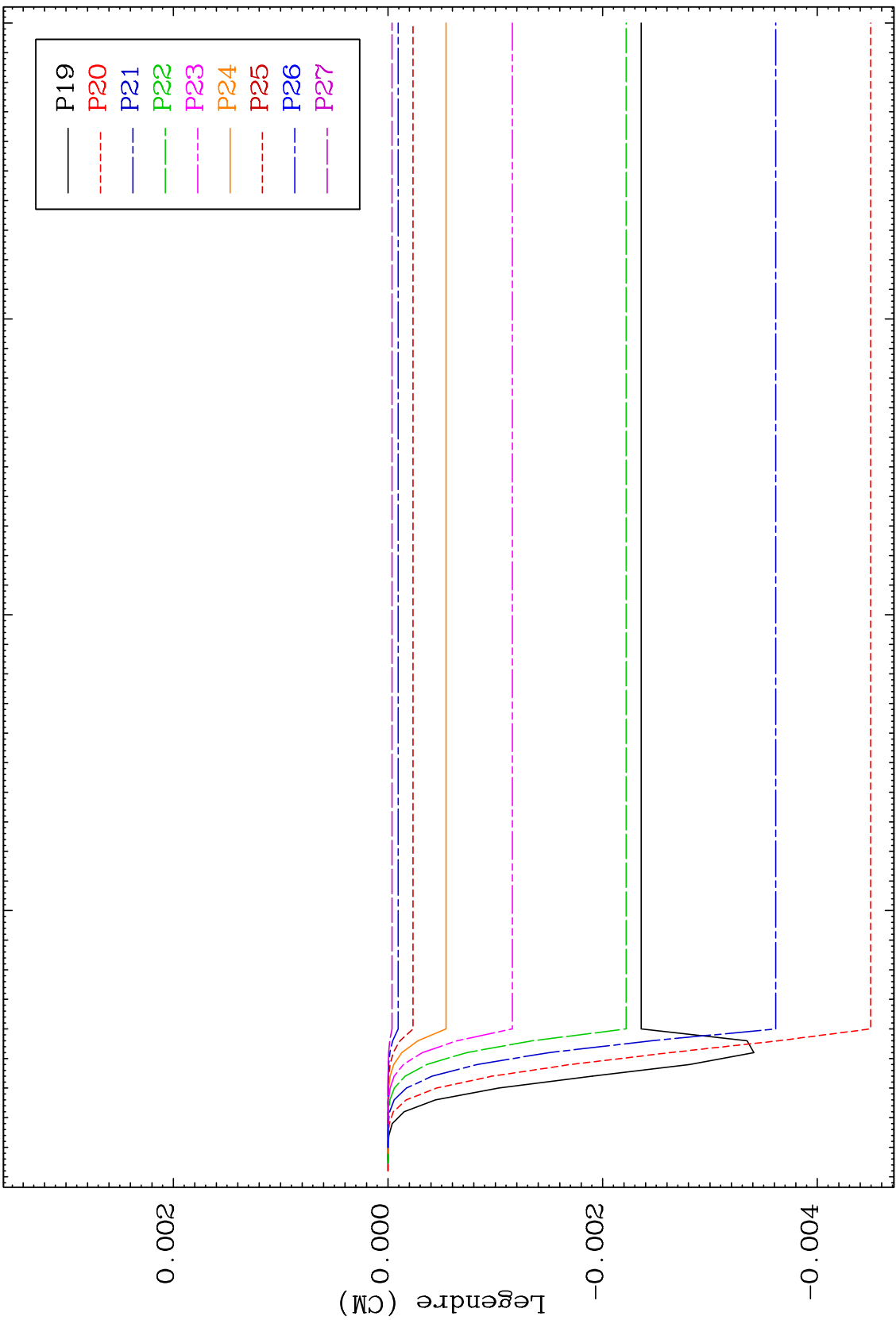
69-Tm-163



69-Tm-163

Incident Energy (MeV)

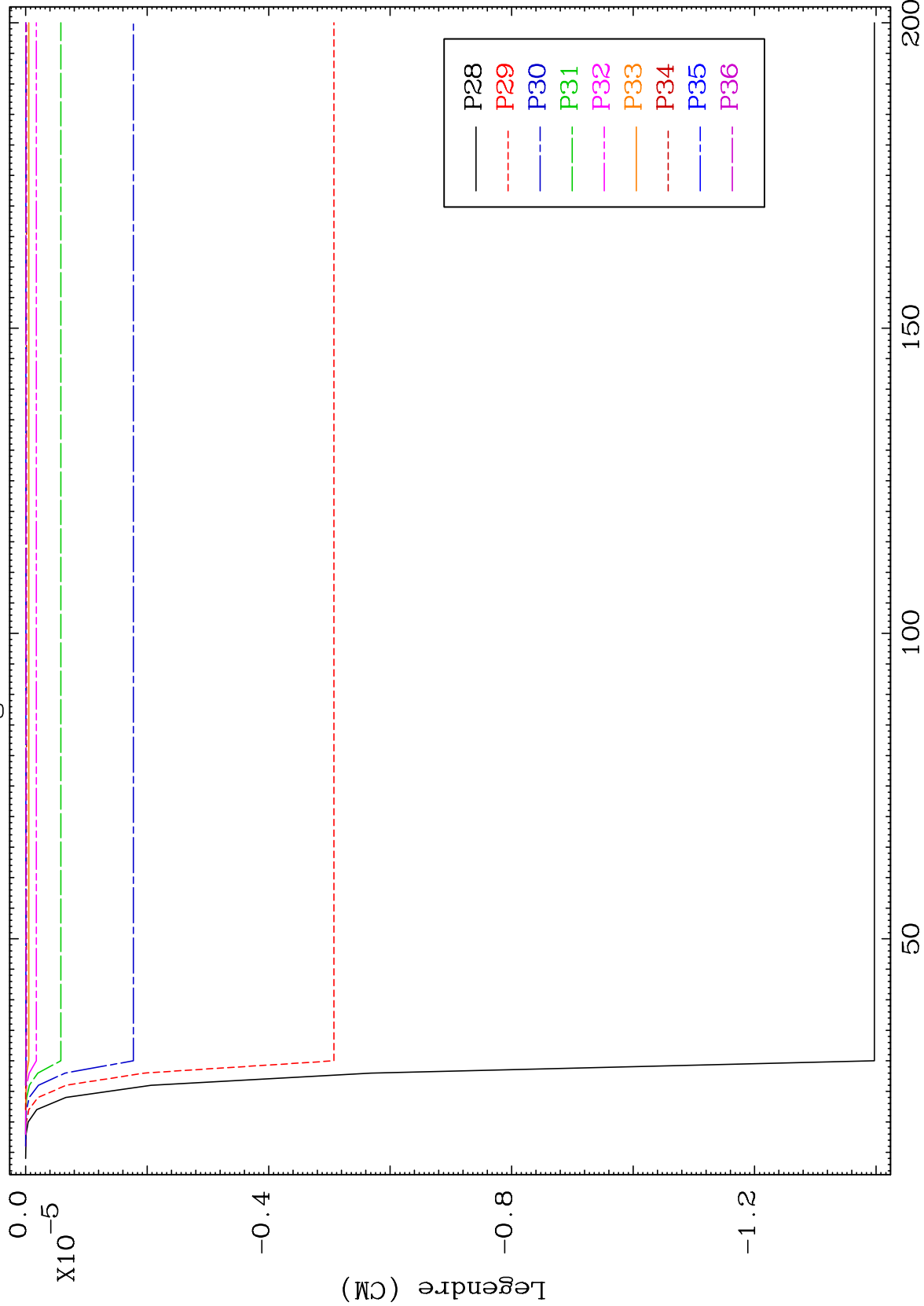
95



MAT 6907

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

69-Tm-163



69-Tm-163

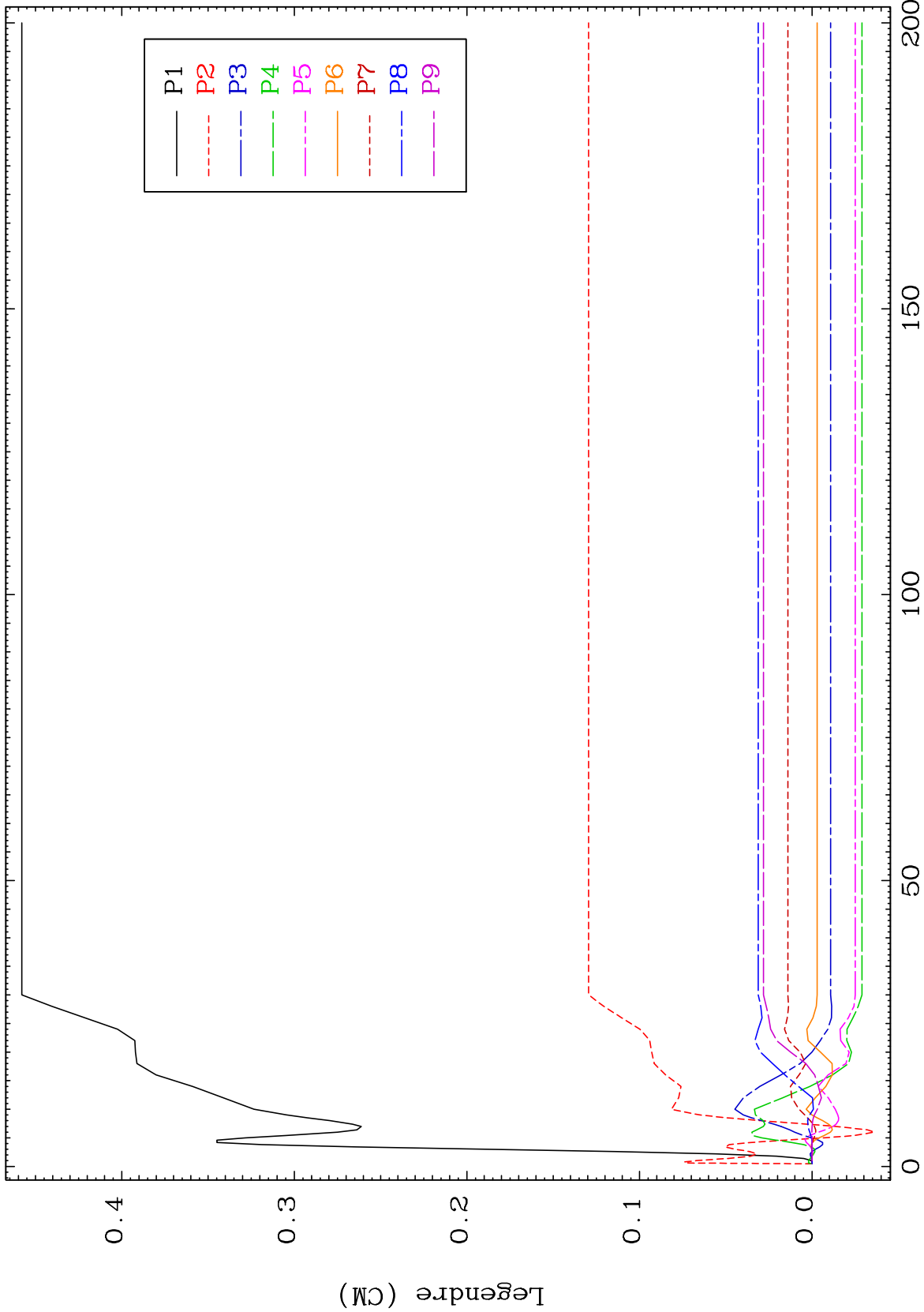
Incident Energy (MeV)

97

MAT 6907

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

69-Tm-163



98

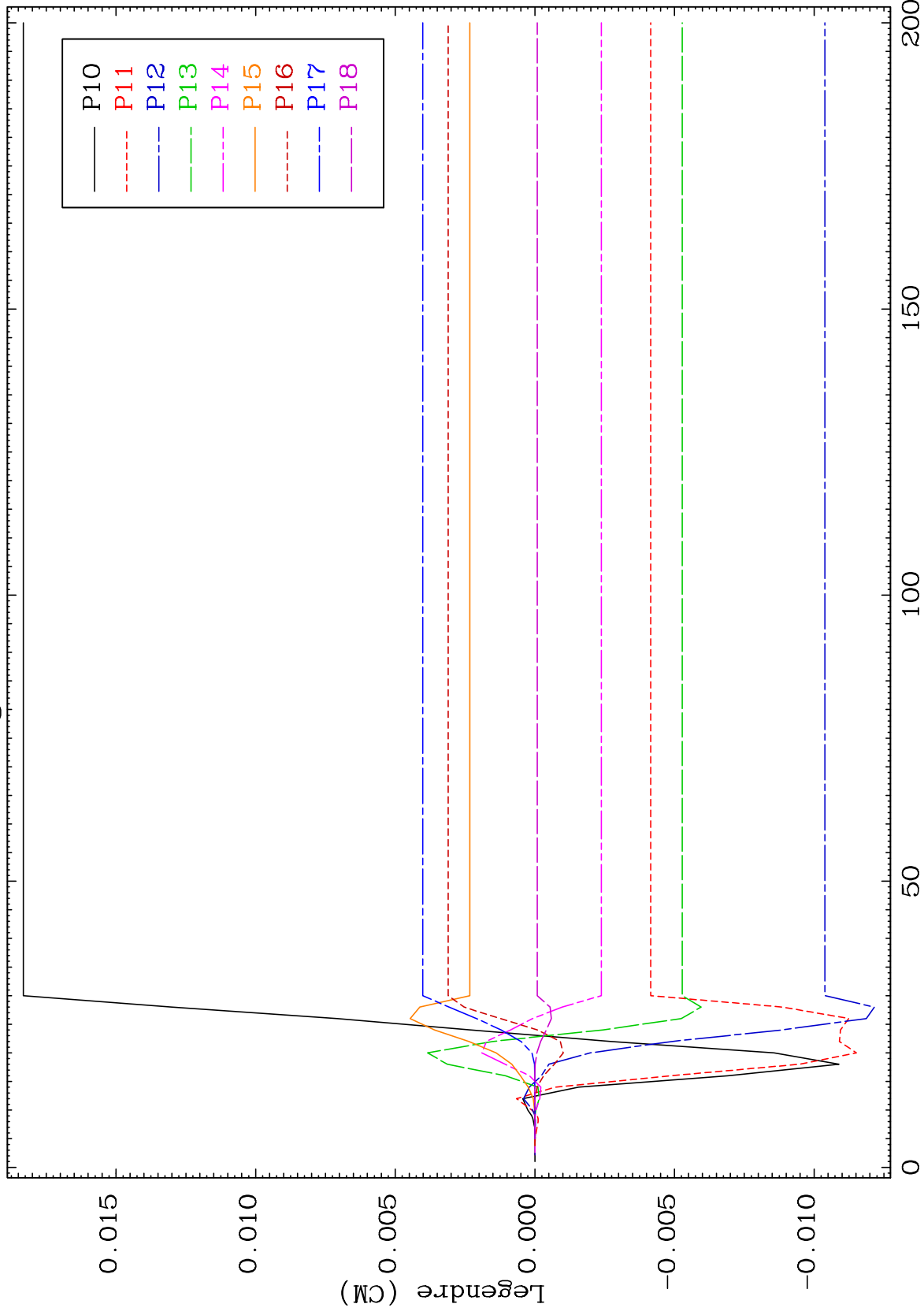
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



99

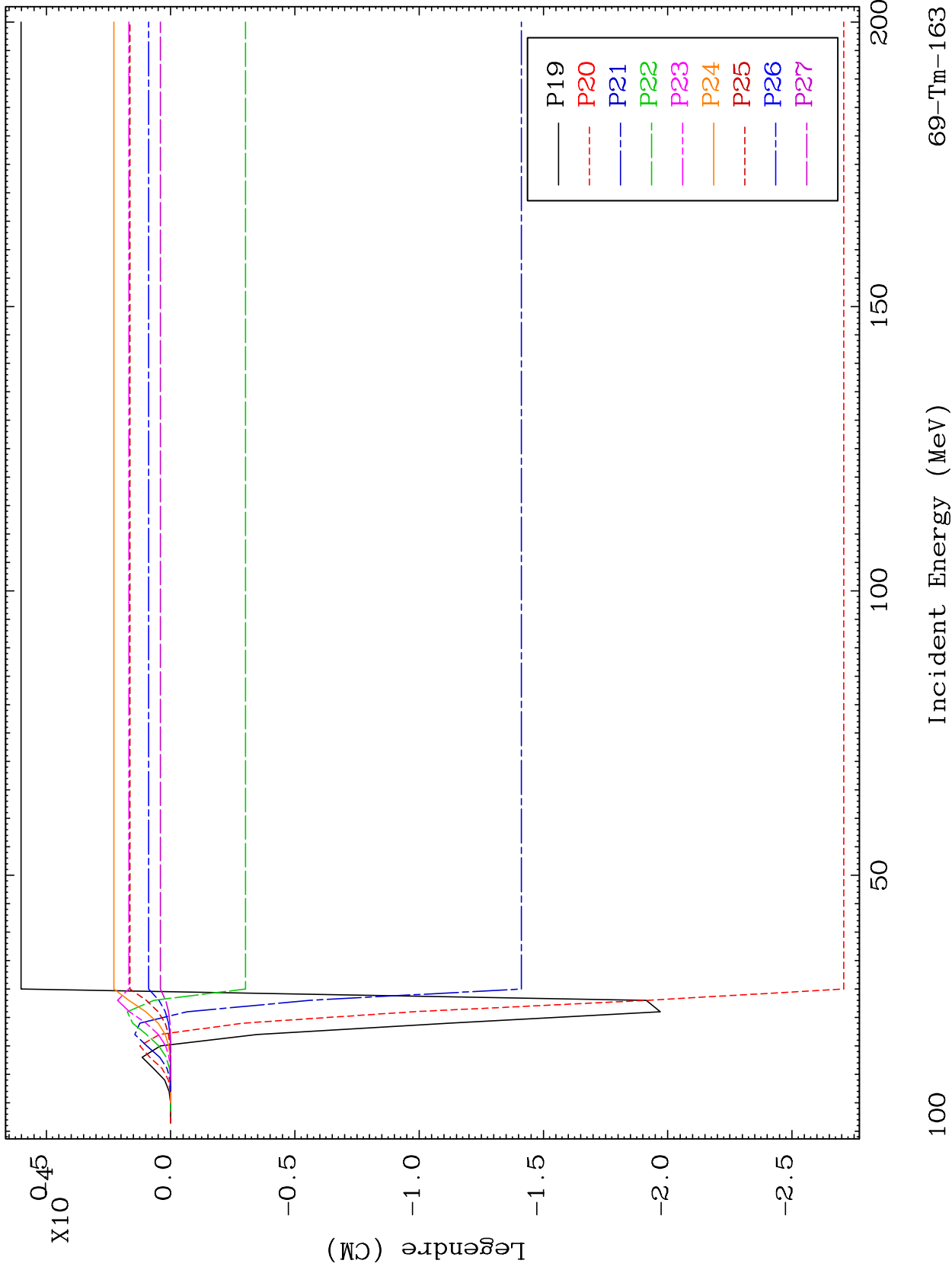
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



100

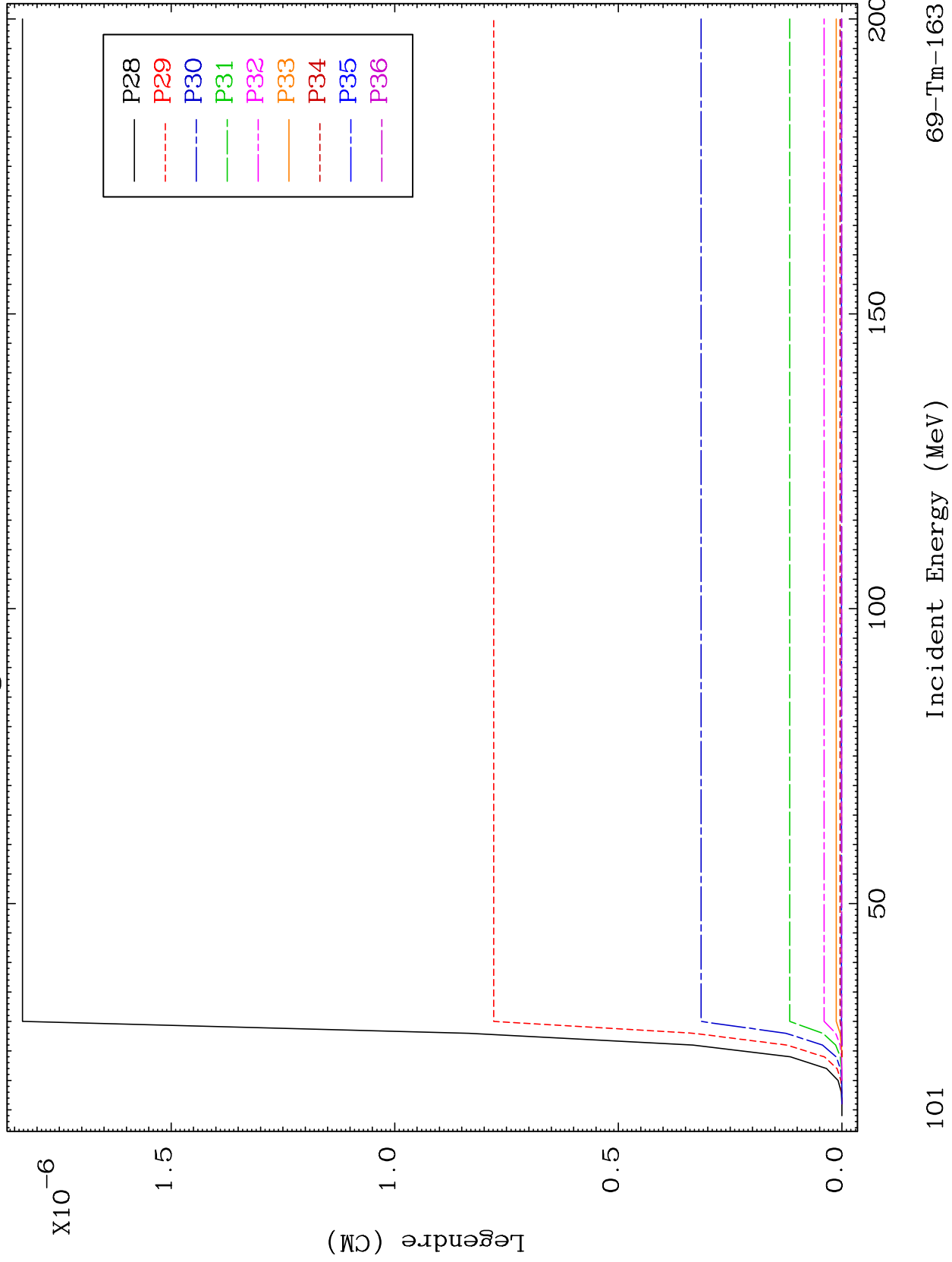
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



101

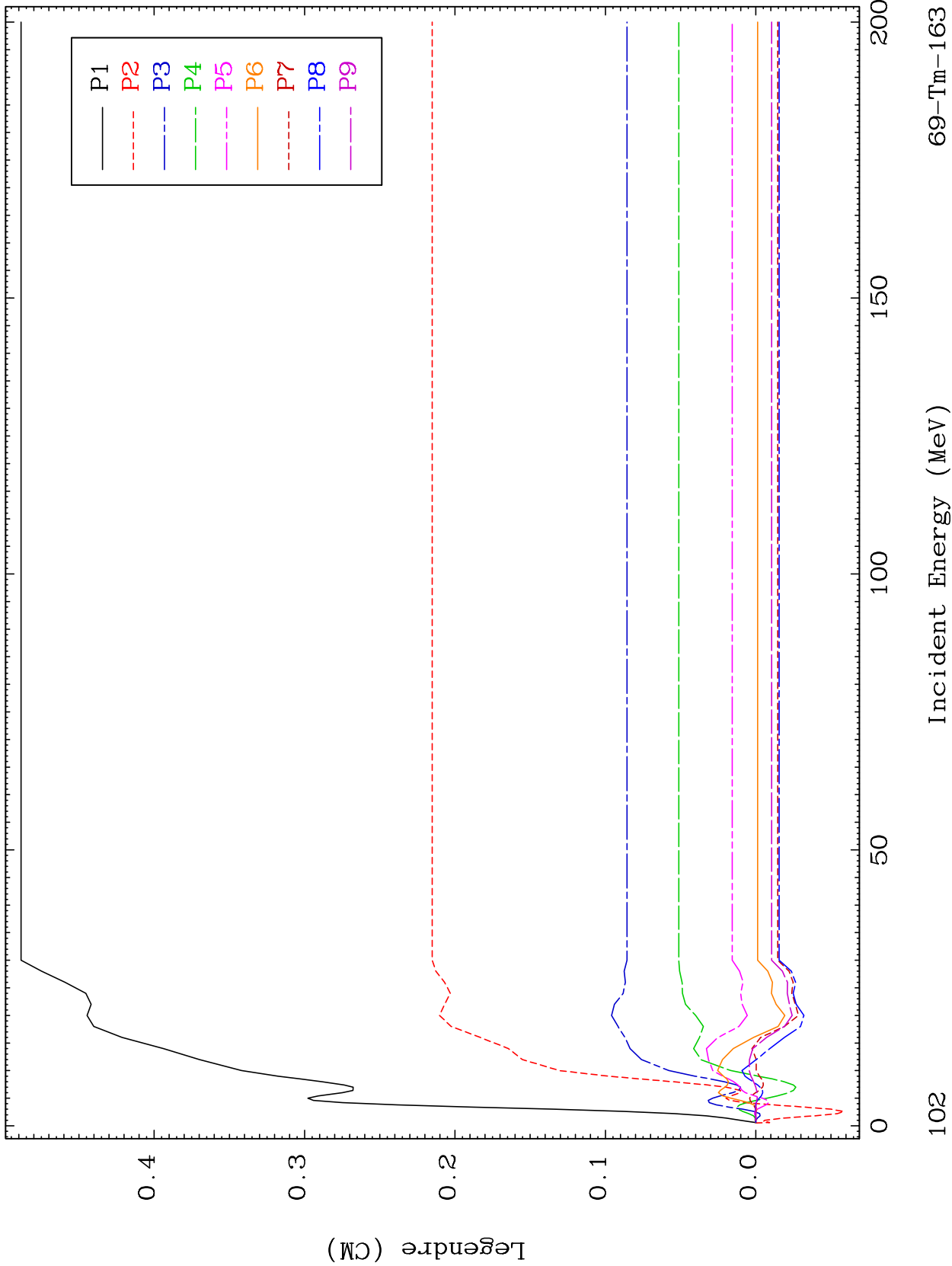
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

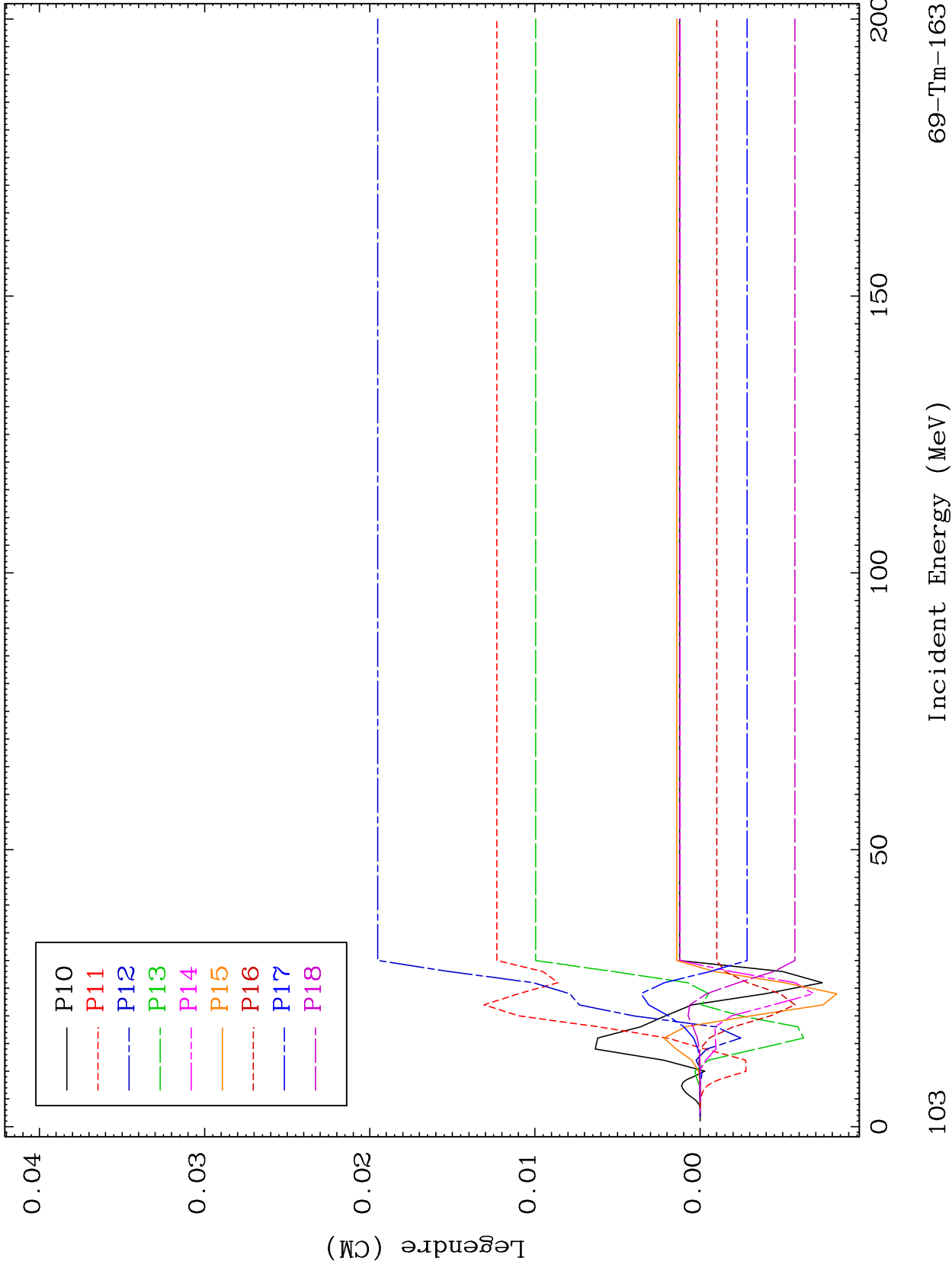
Incident Energy (MeV)

102

MAT 6907

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

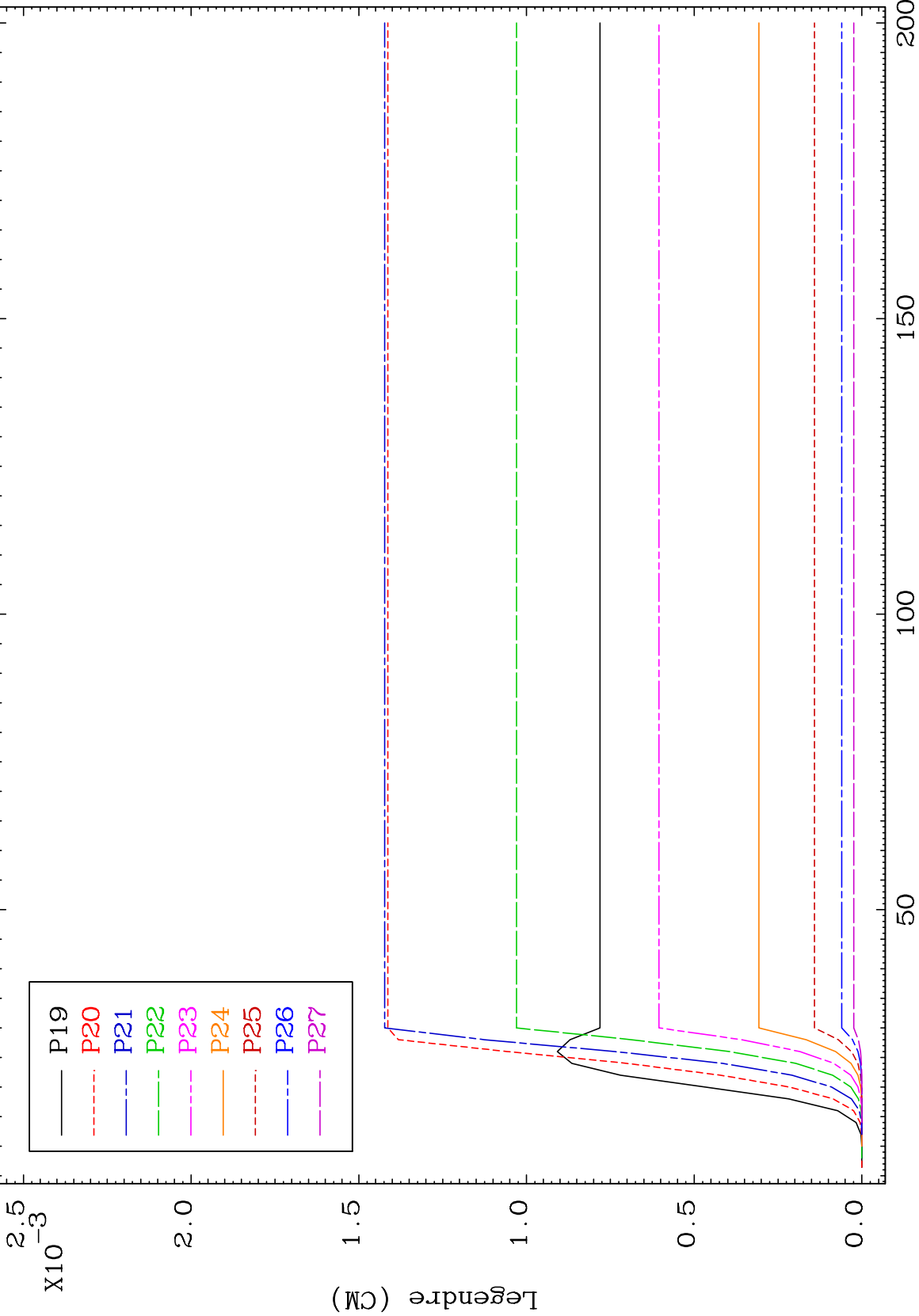
69-Tm-163



103

Incident Energy (MeV)

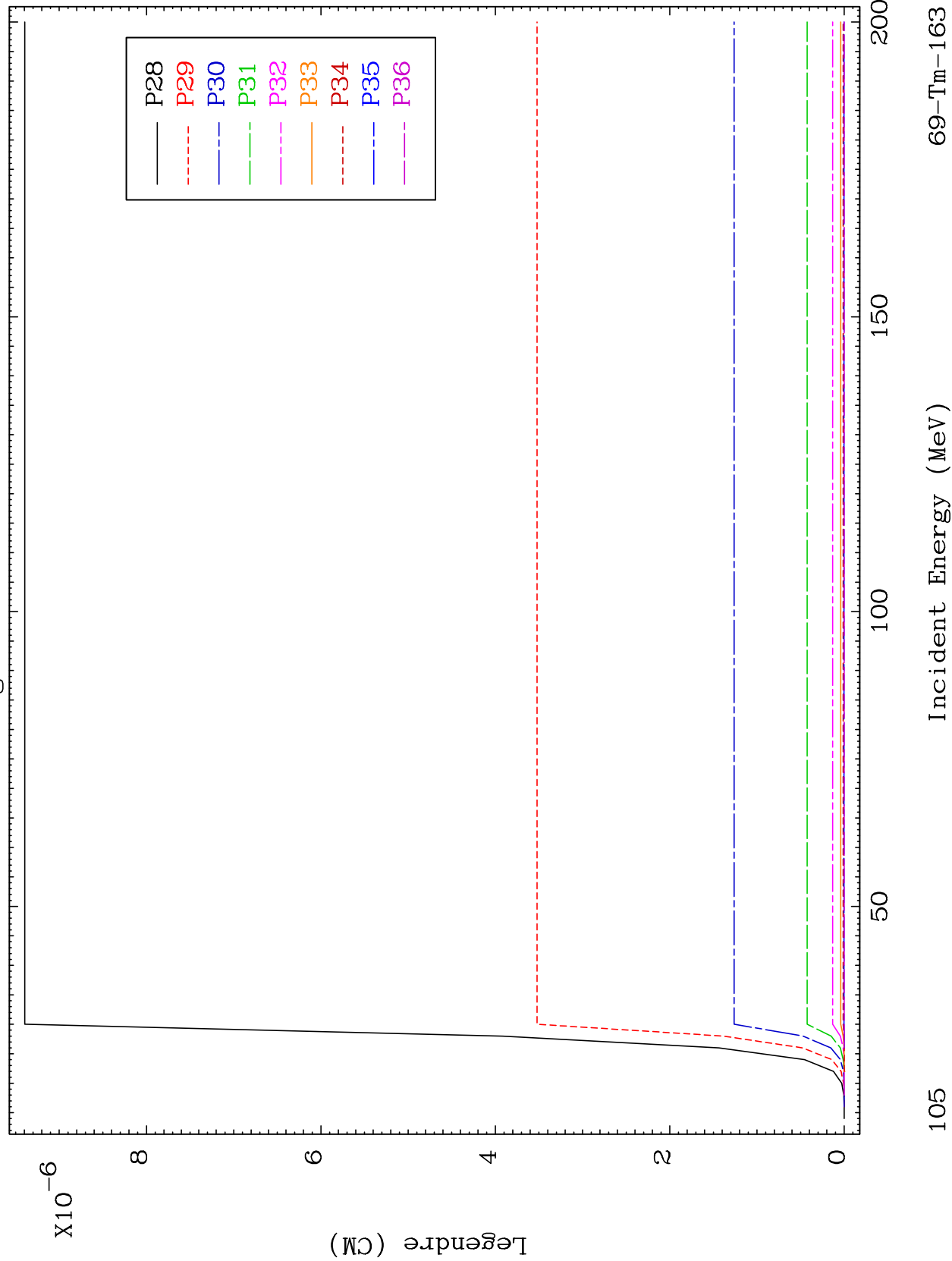
69-Tm-163



MAT 6907

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

69-Tm-163



105

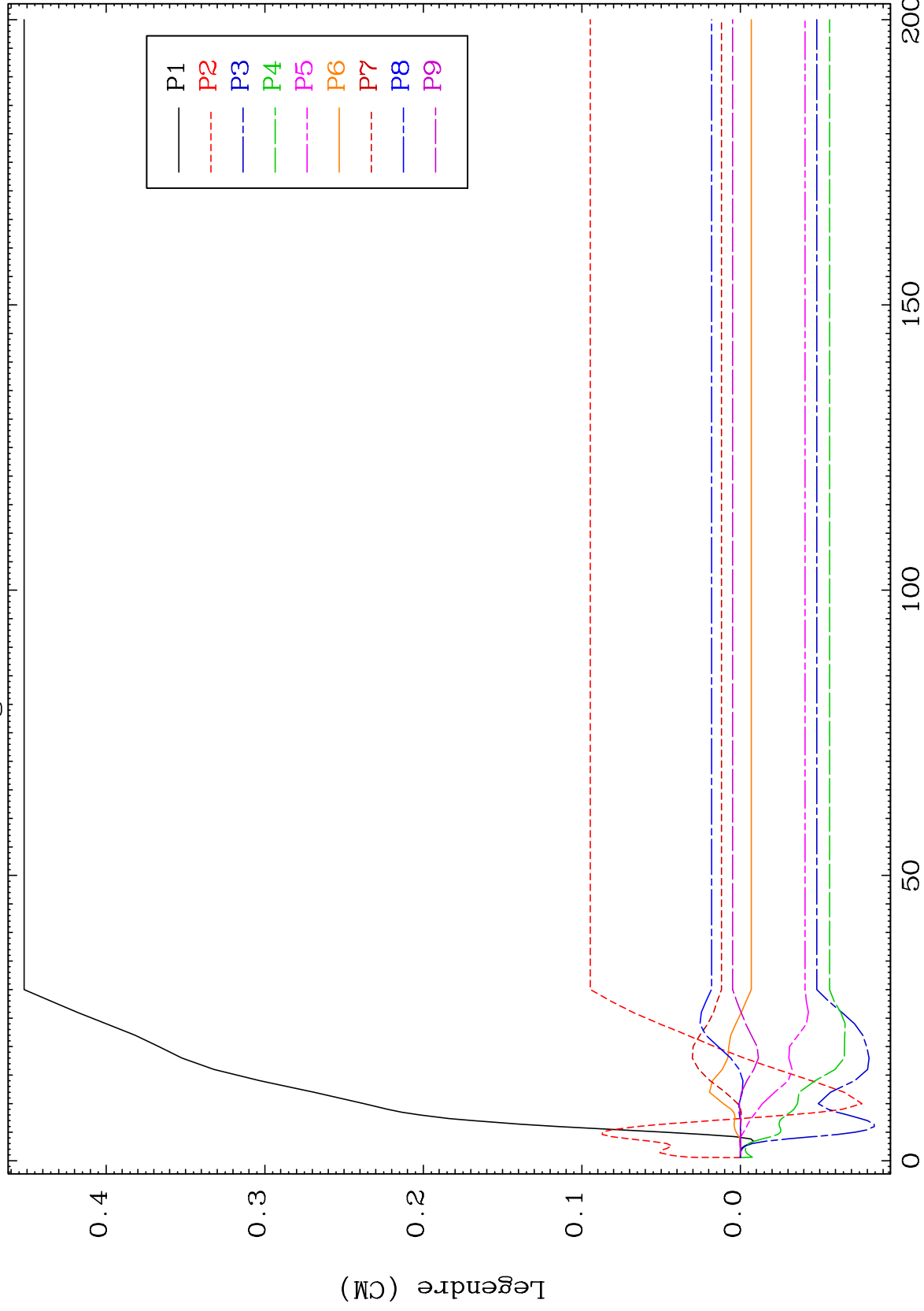
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

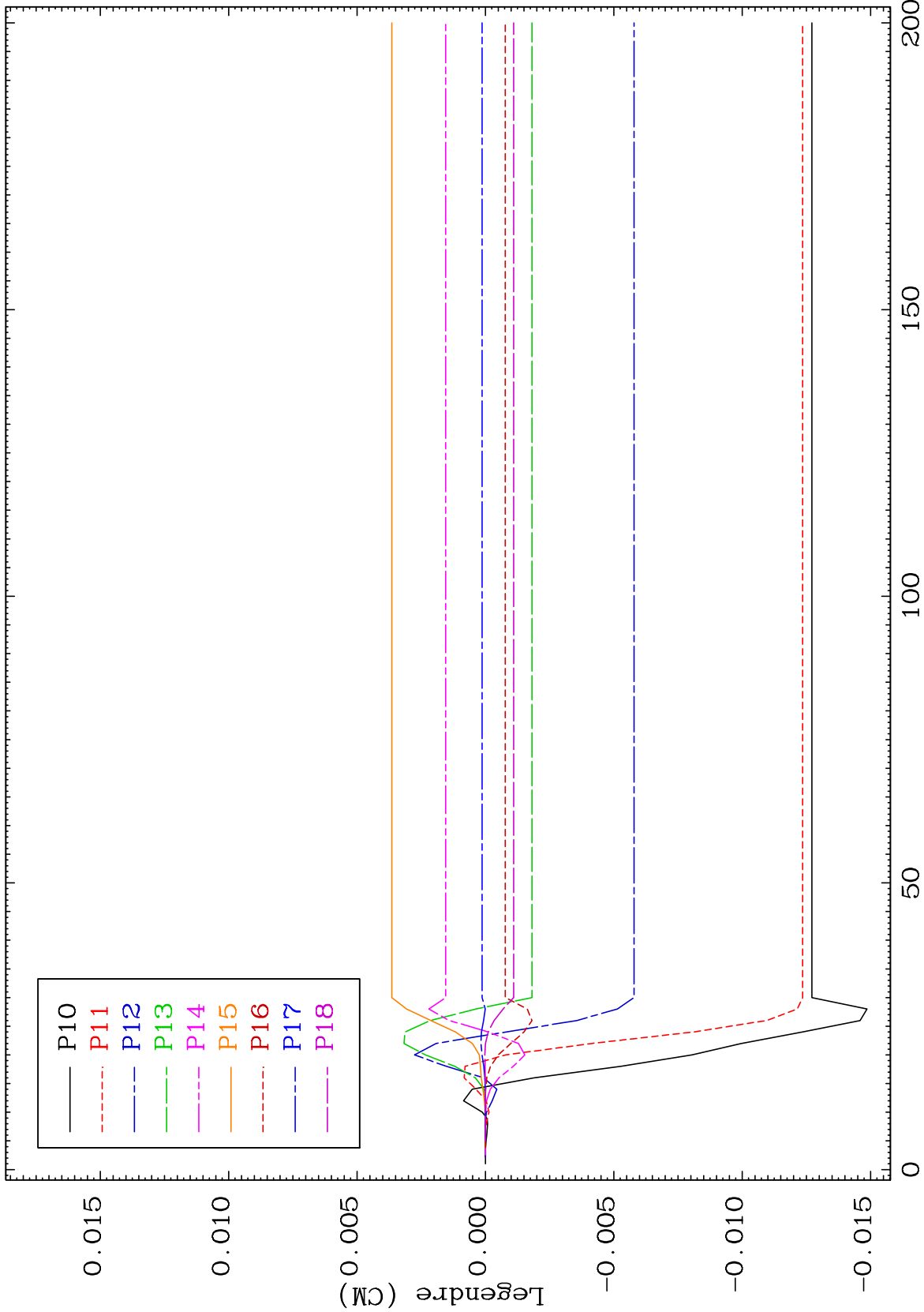
69-Tm-163



69-Tm-163

Incident Energy (MeV)

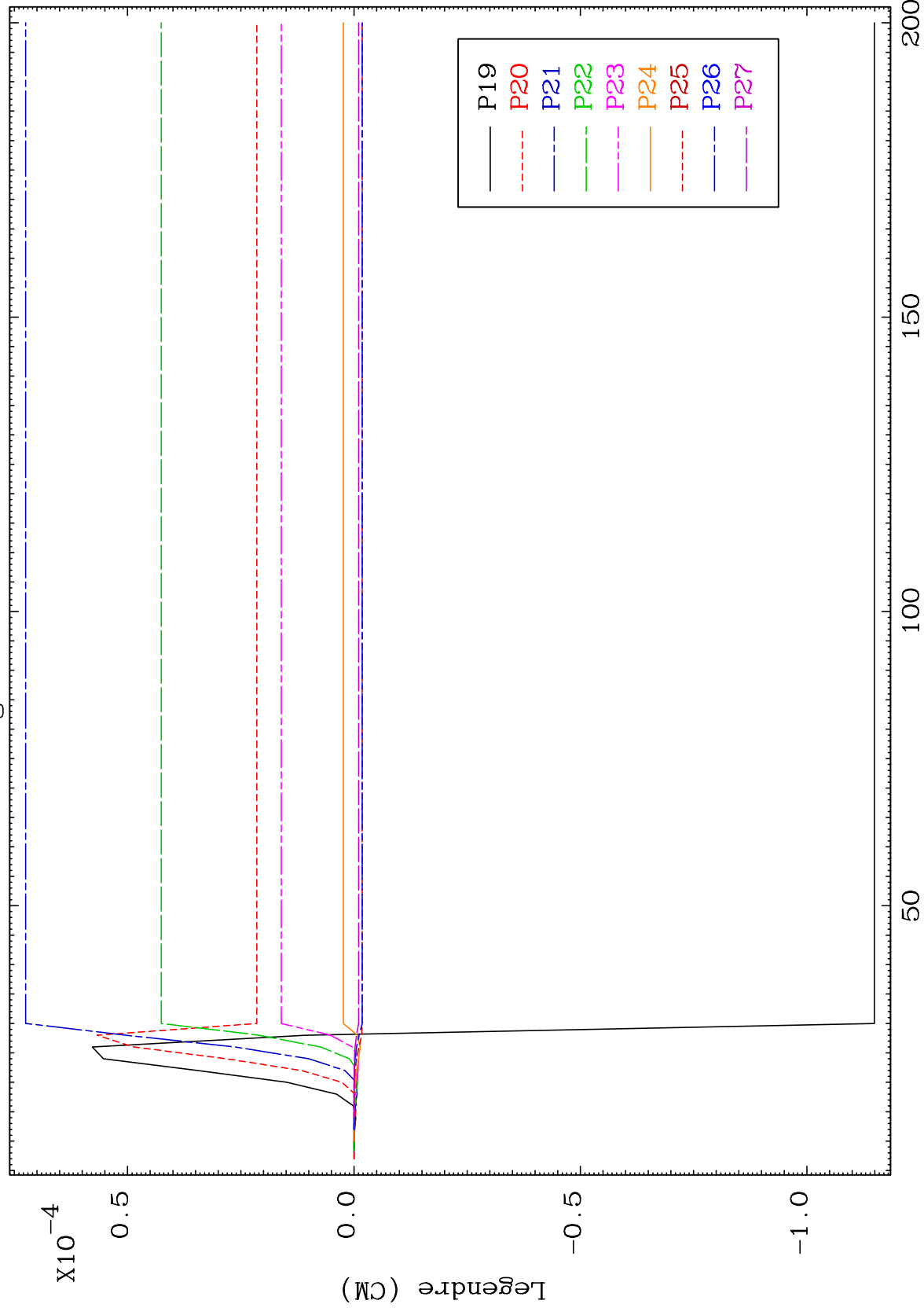
106



MAT 6907

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

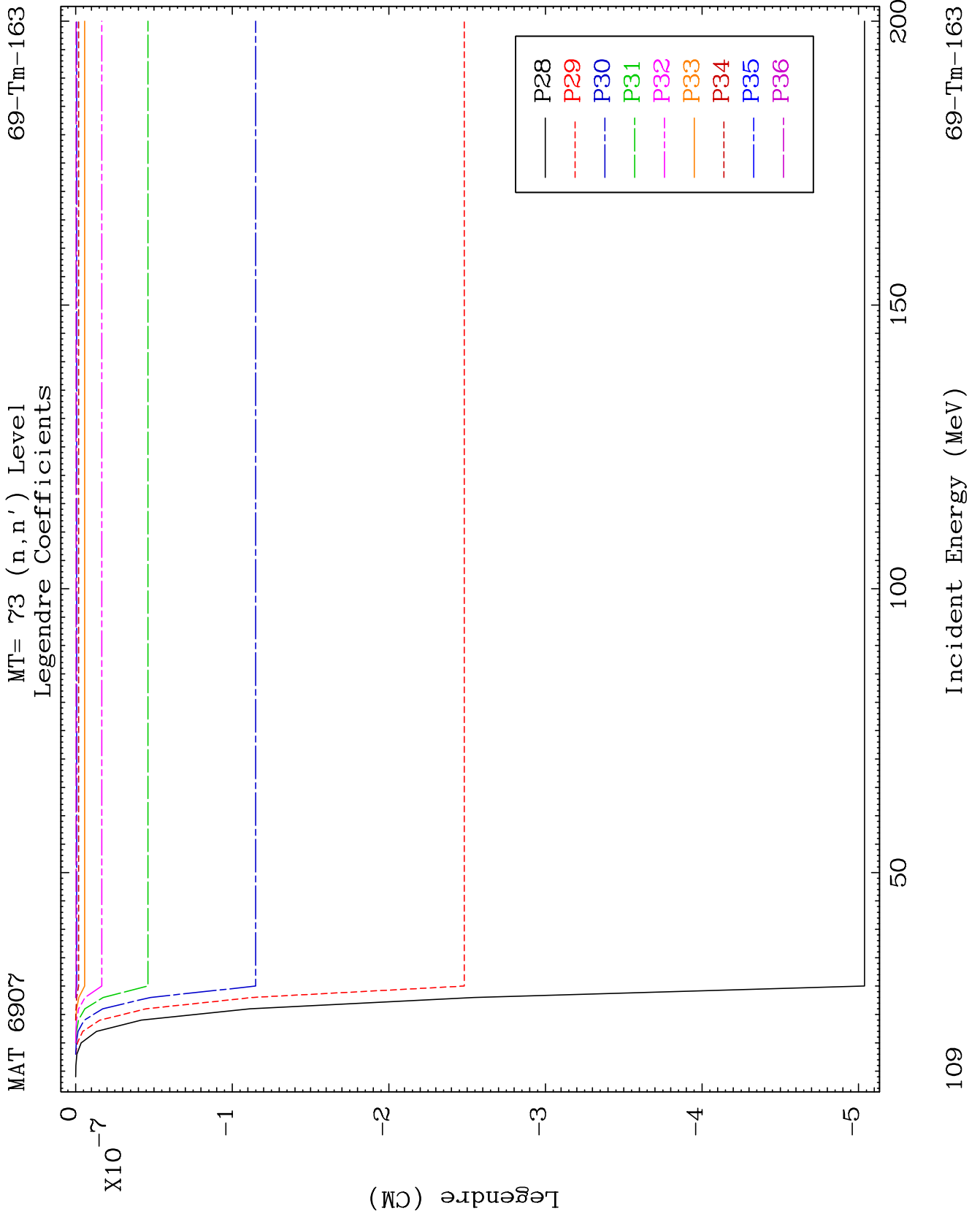
69-Tm-163



108

Incident Energy (MeV)

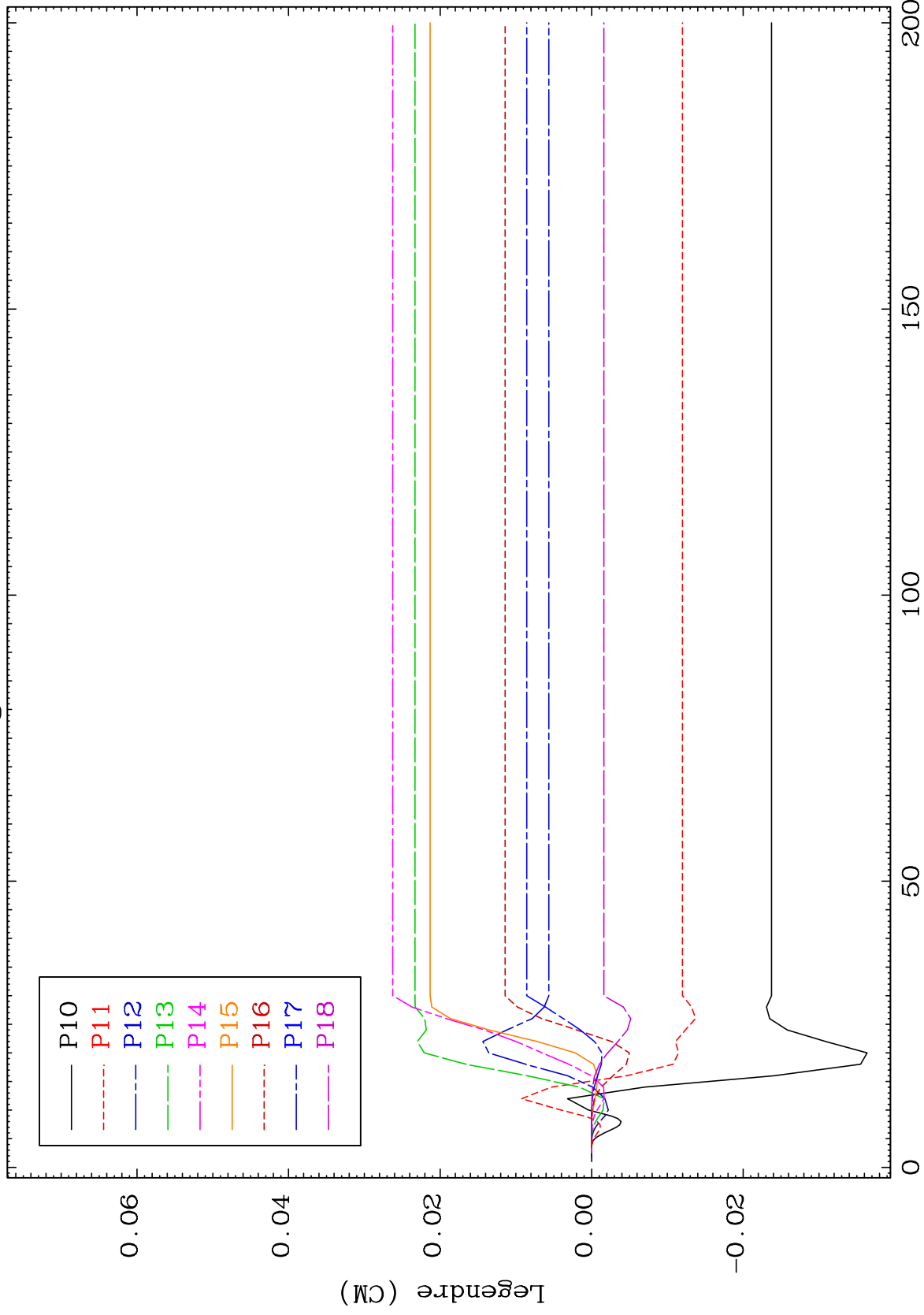
69-Tm-163



MAT 6907

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

69-Tm-163



111

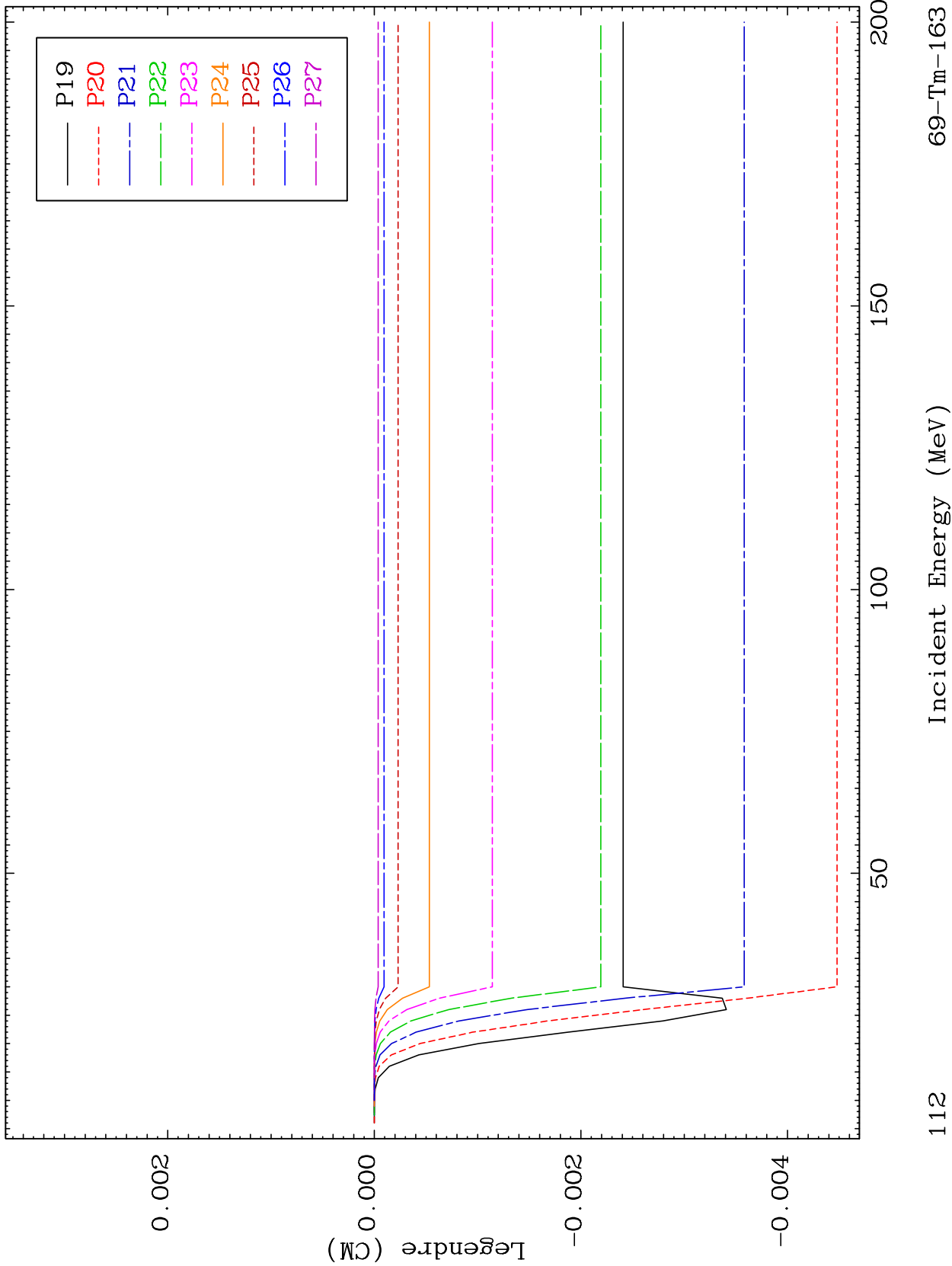
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



112

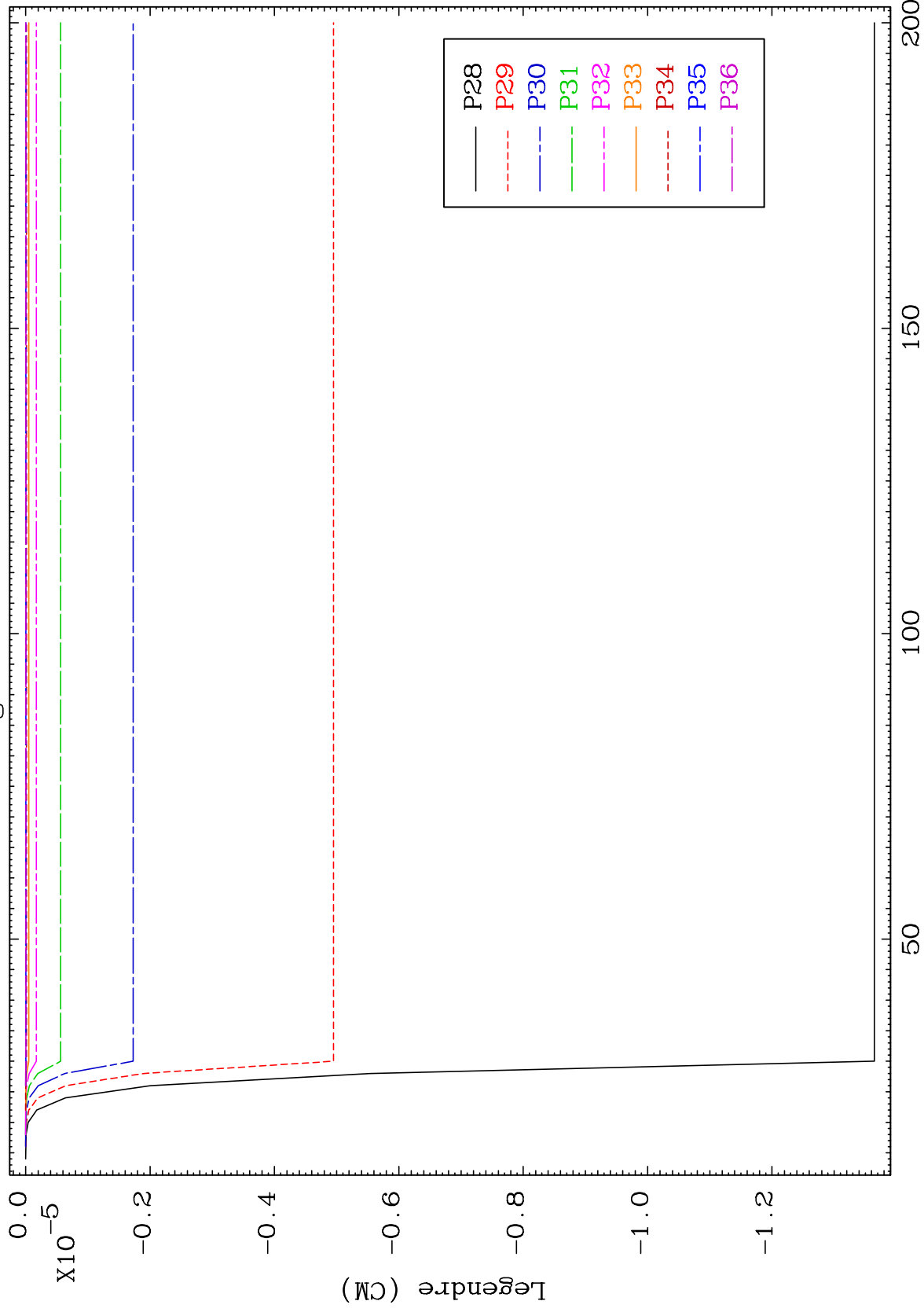
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



113

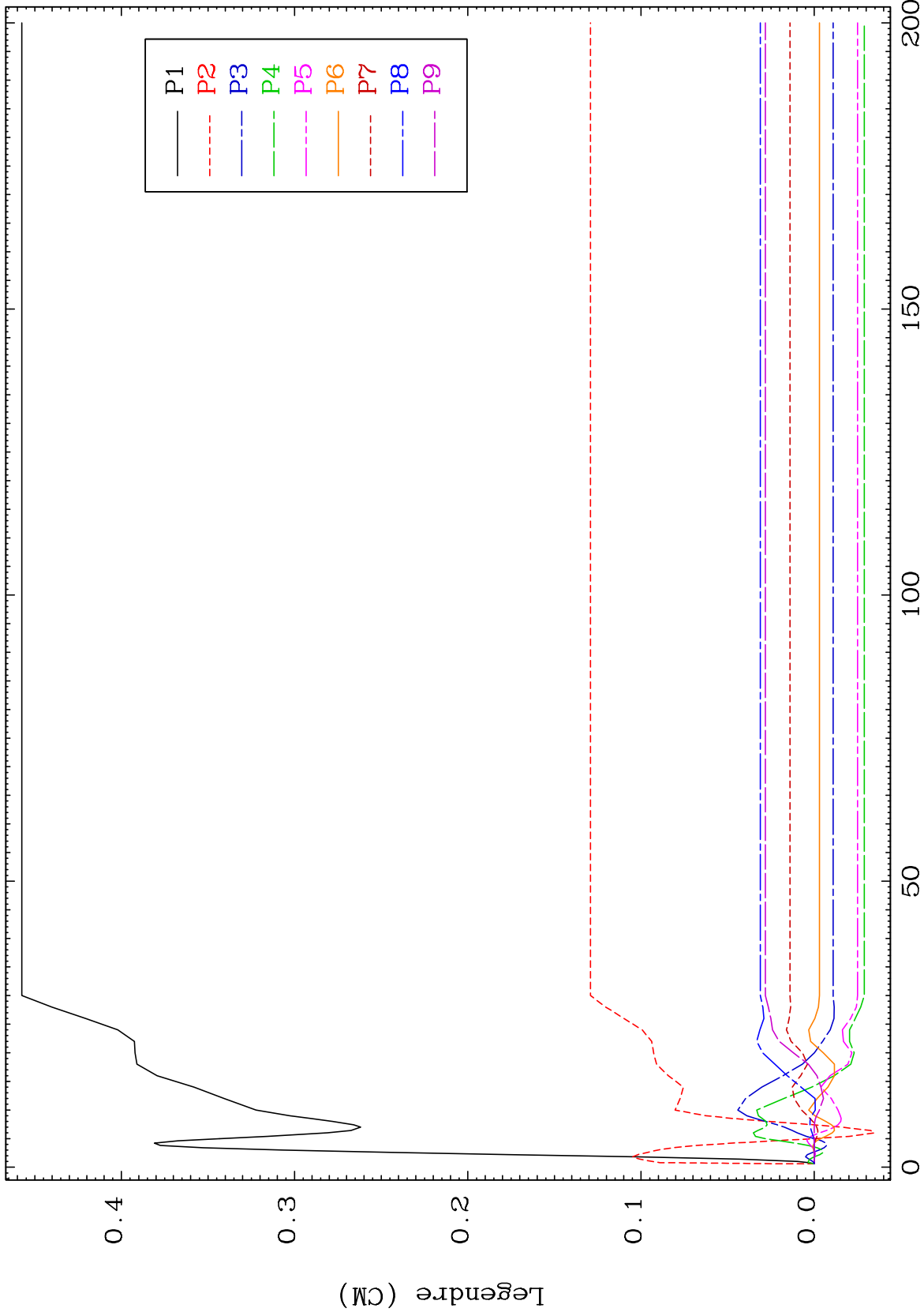
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



114

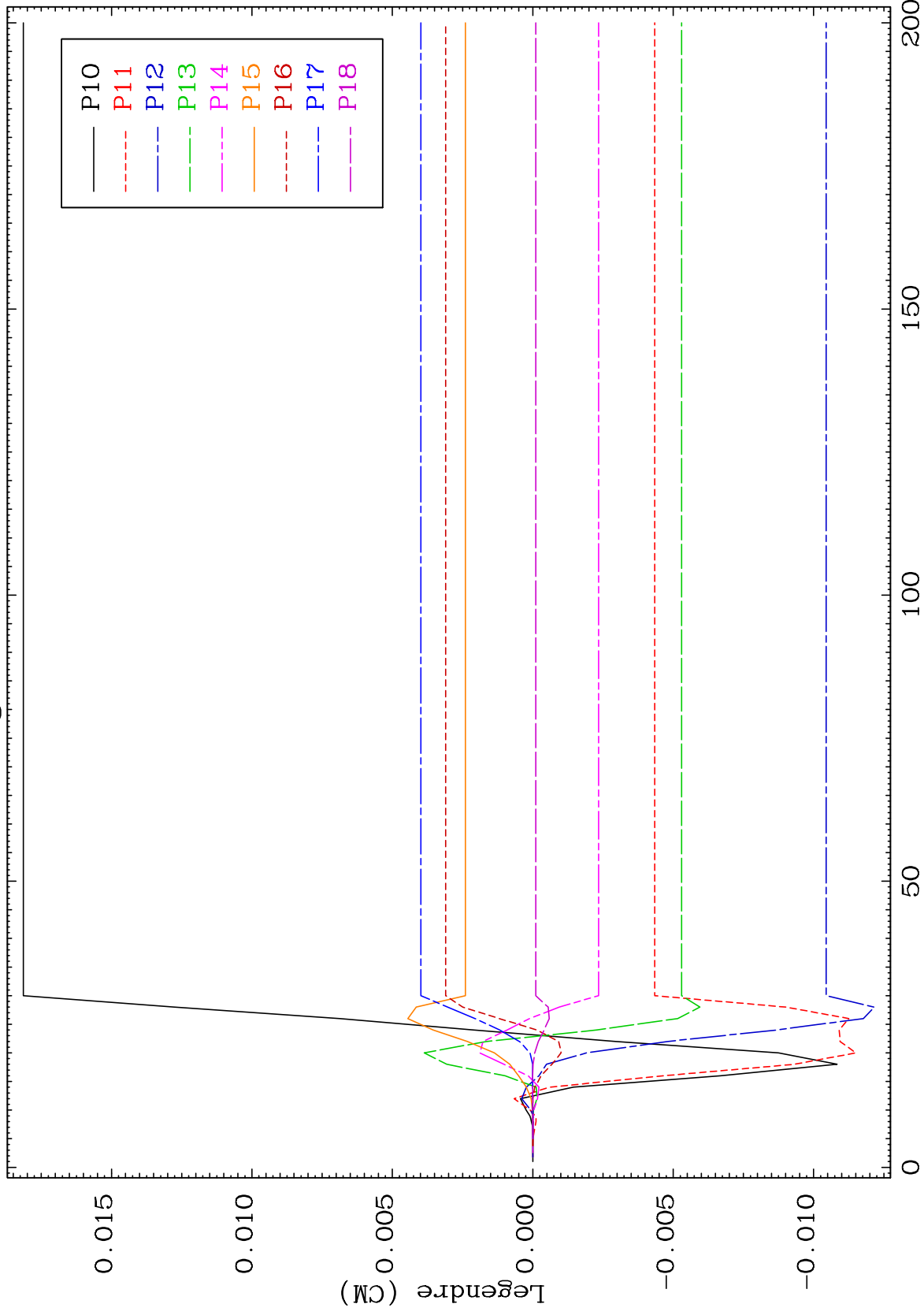
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

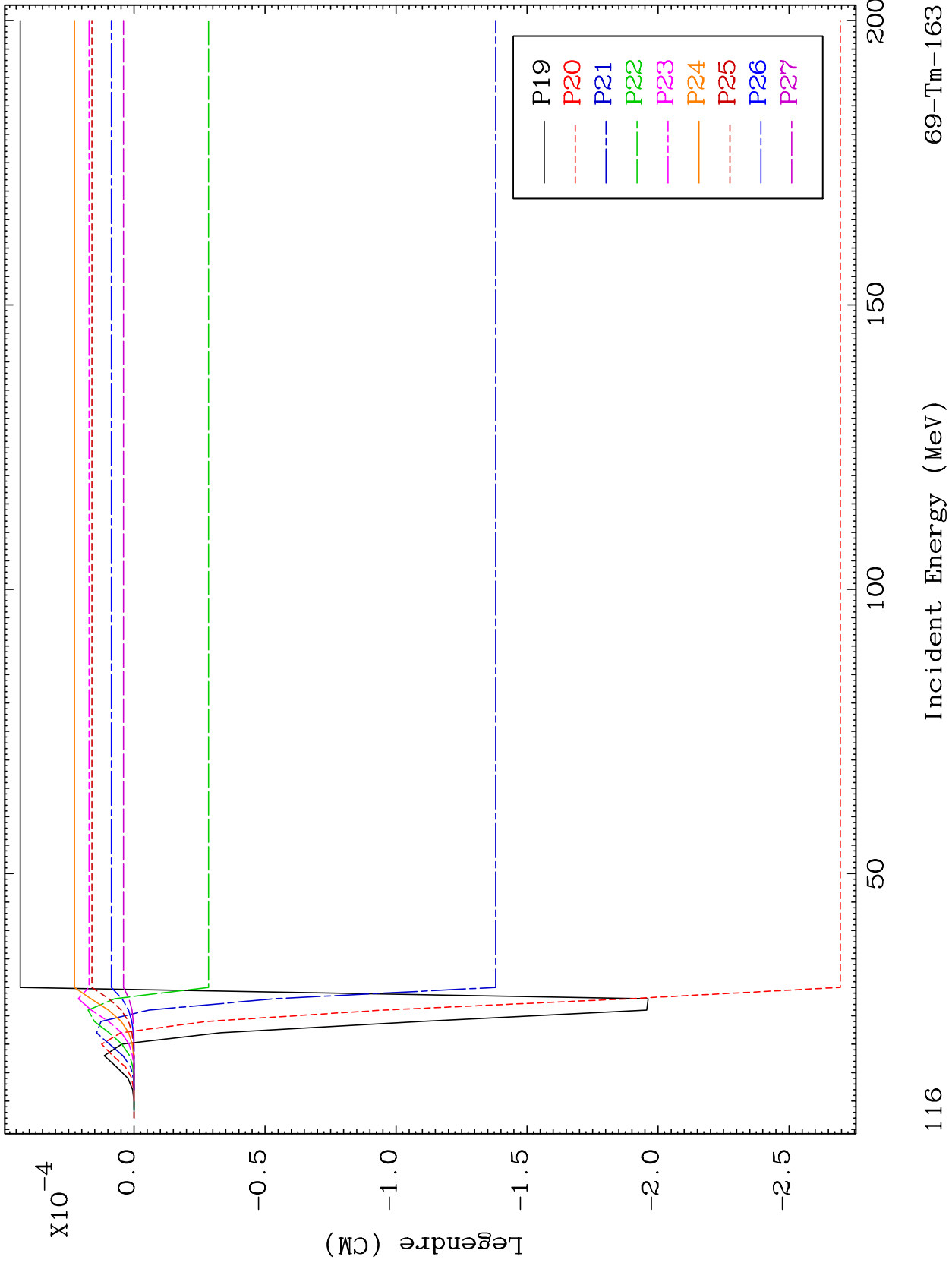
69-Tm-163



115

Incident Energy (MeV)

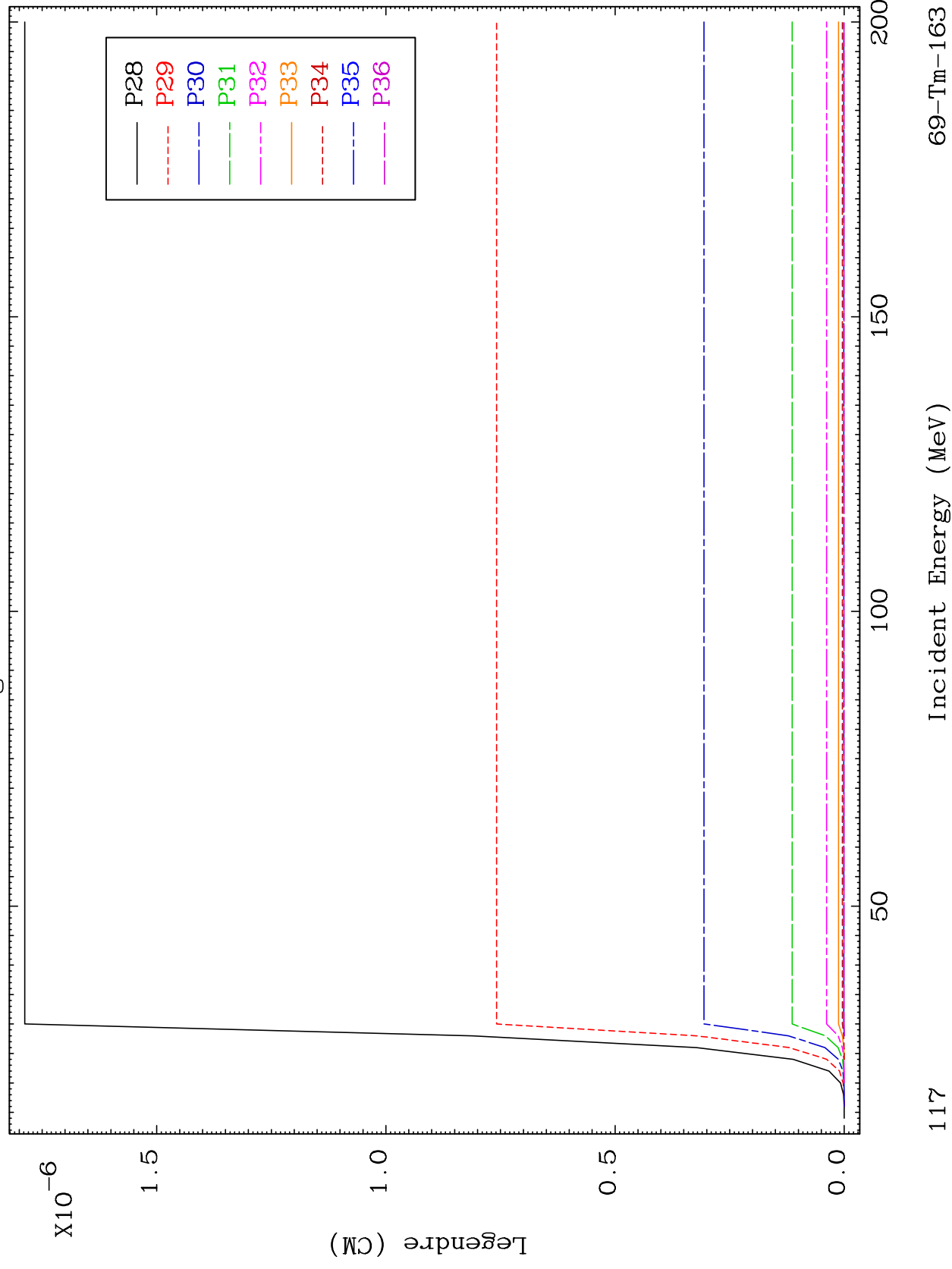
69-Tm-163



MAT 6907

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

69-Tm-163



117

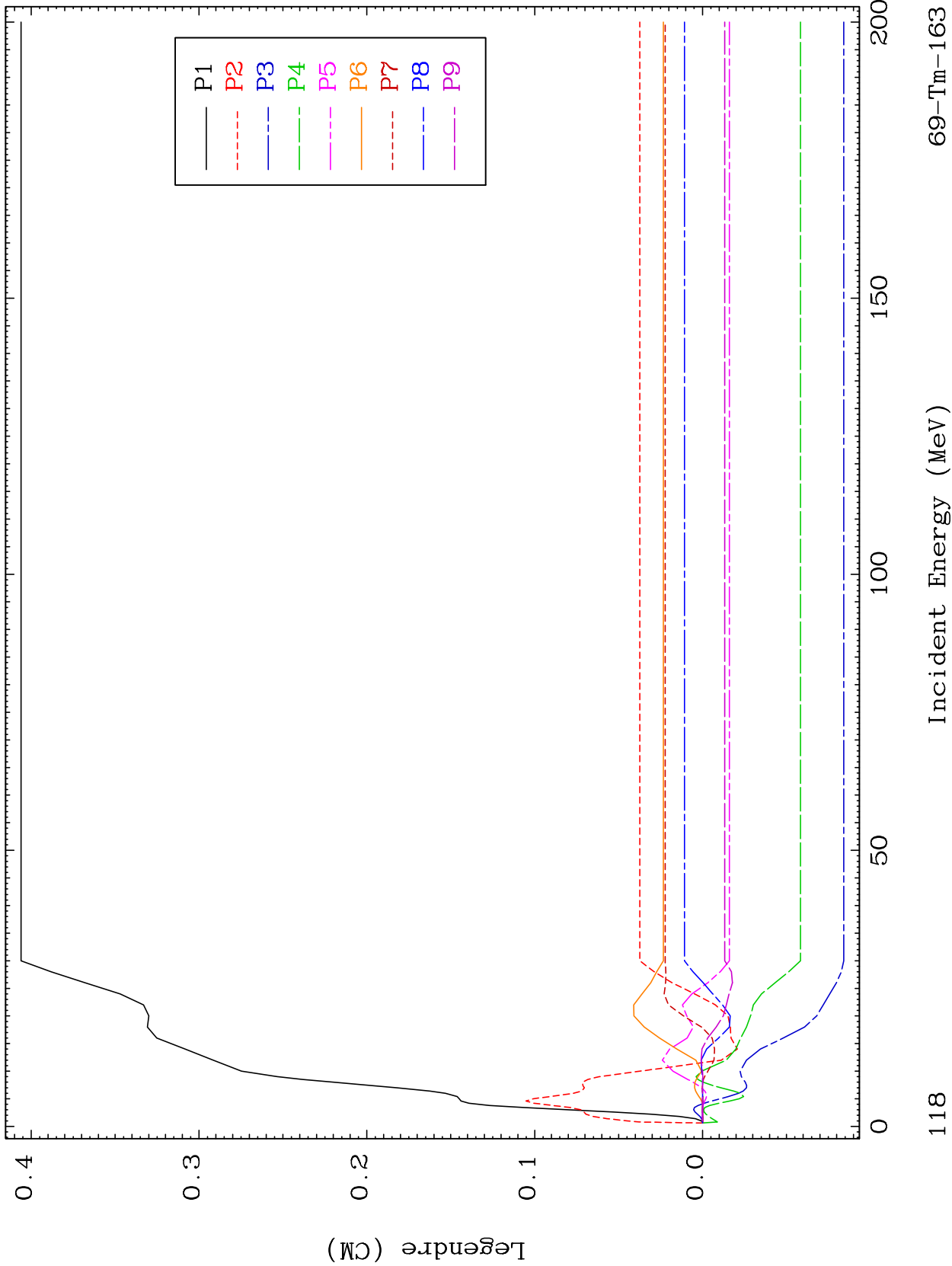
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

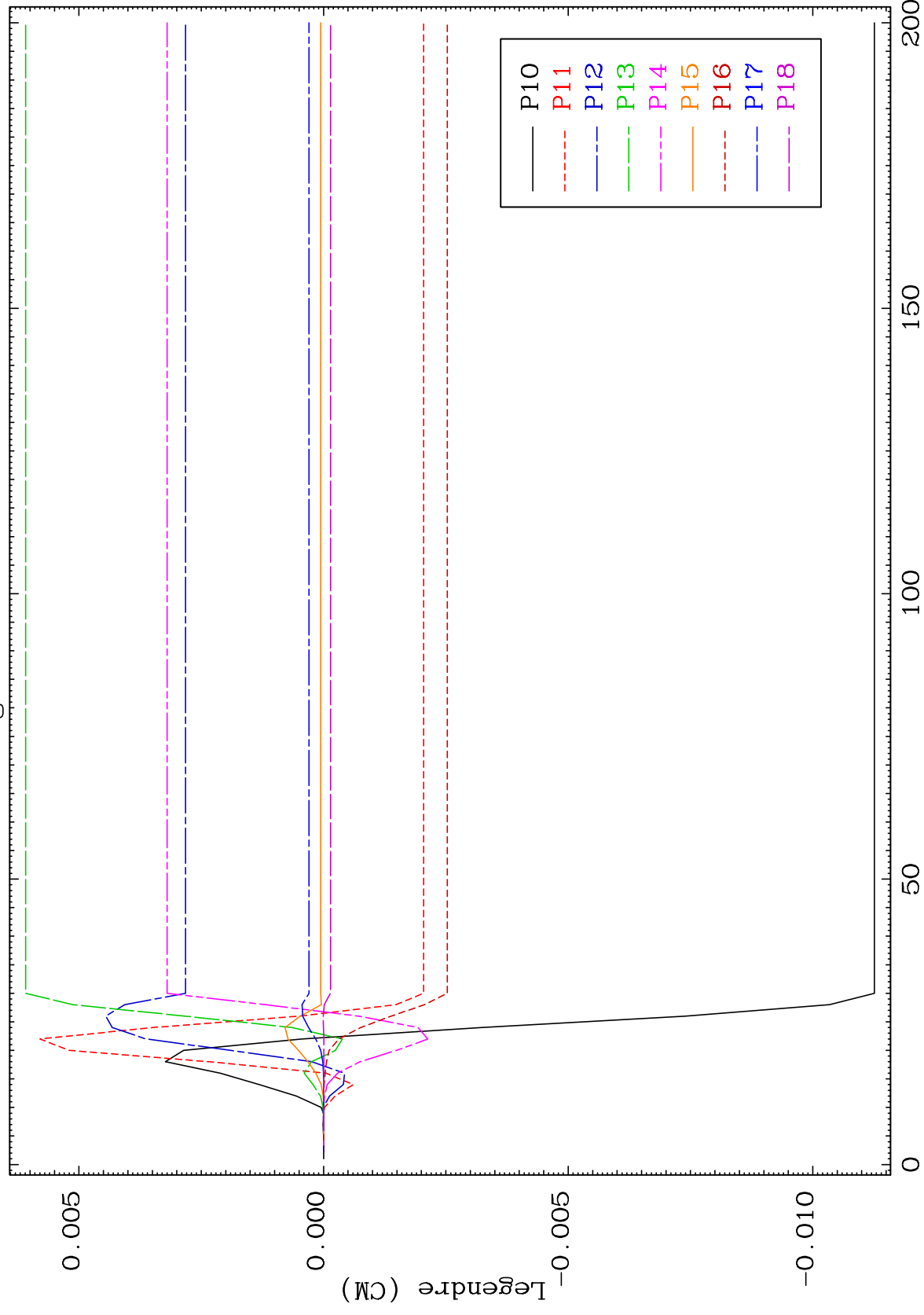
Incident Energy (MeV)

118

MAT 6907

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

69-Tm-163



119

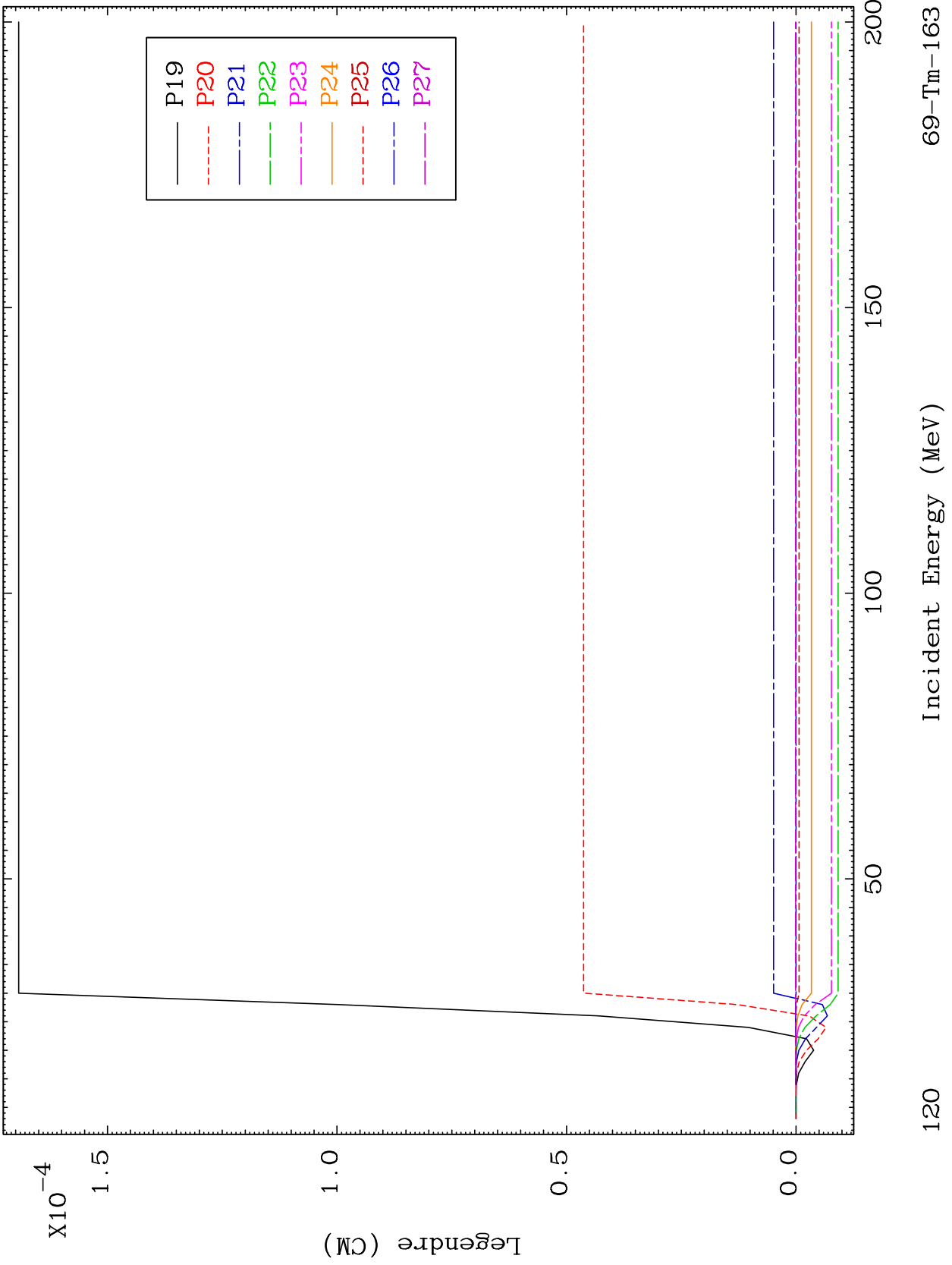
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

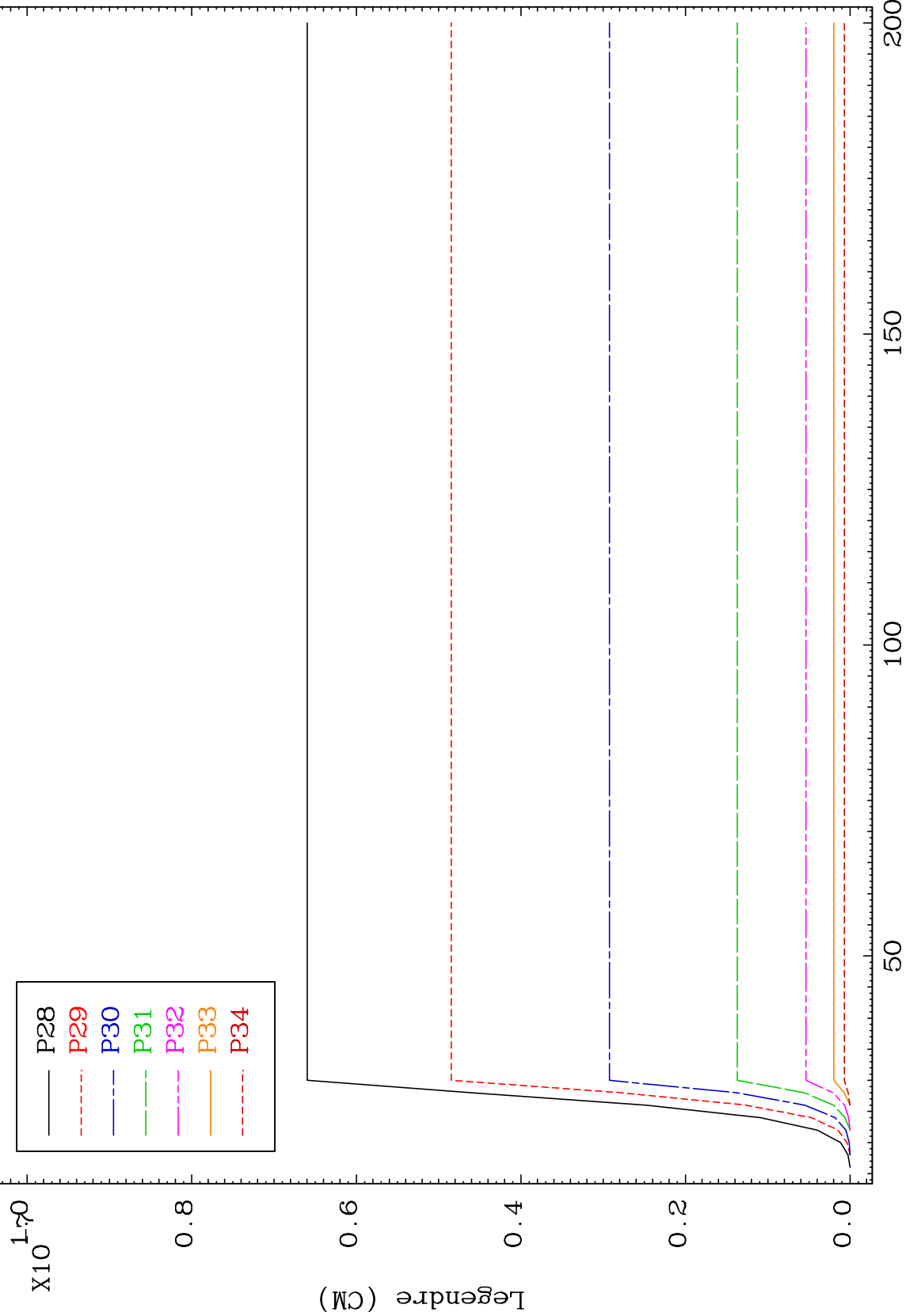
Incident Energy (MeV)

120

MAT 6907

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

69-Tm-163



121

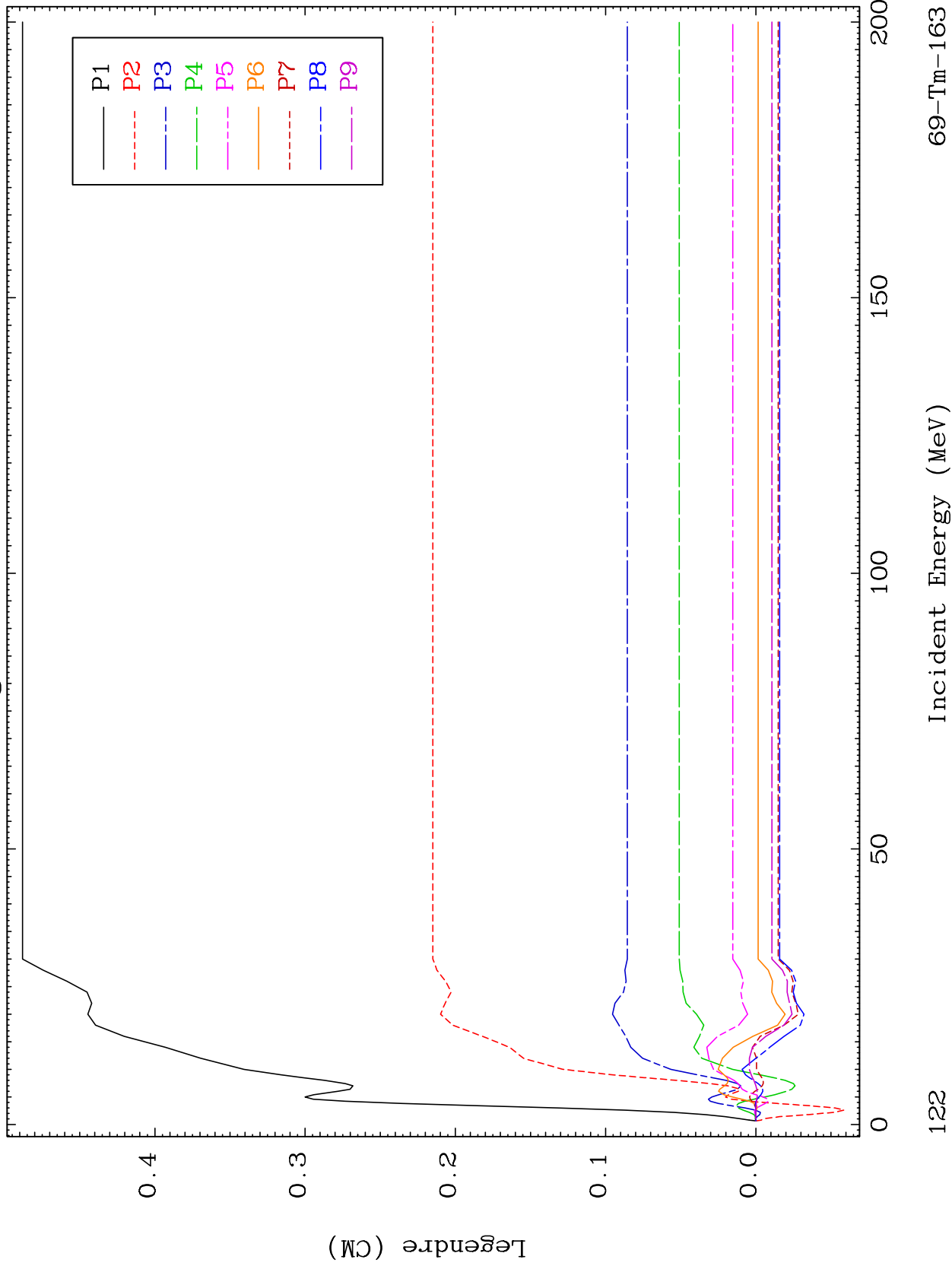
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

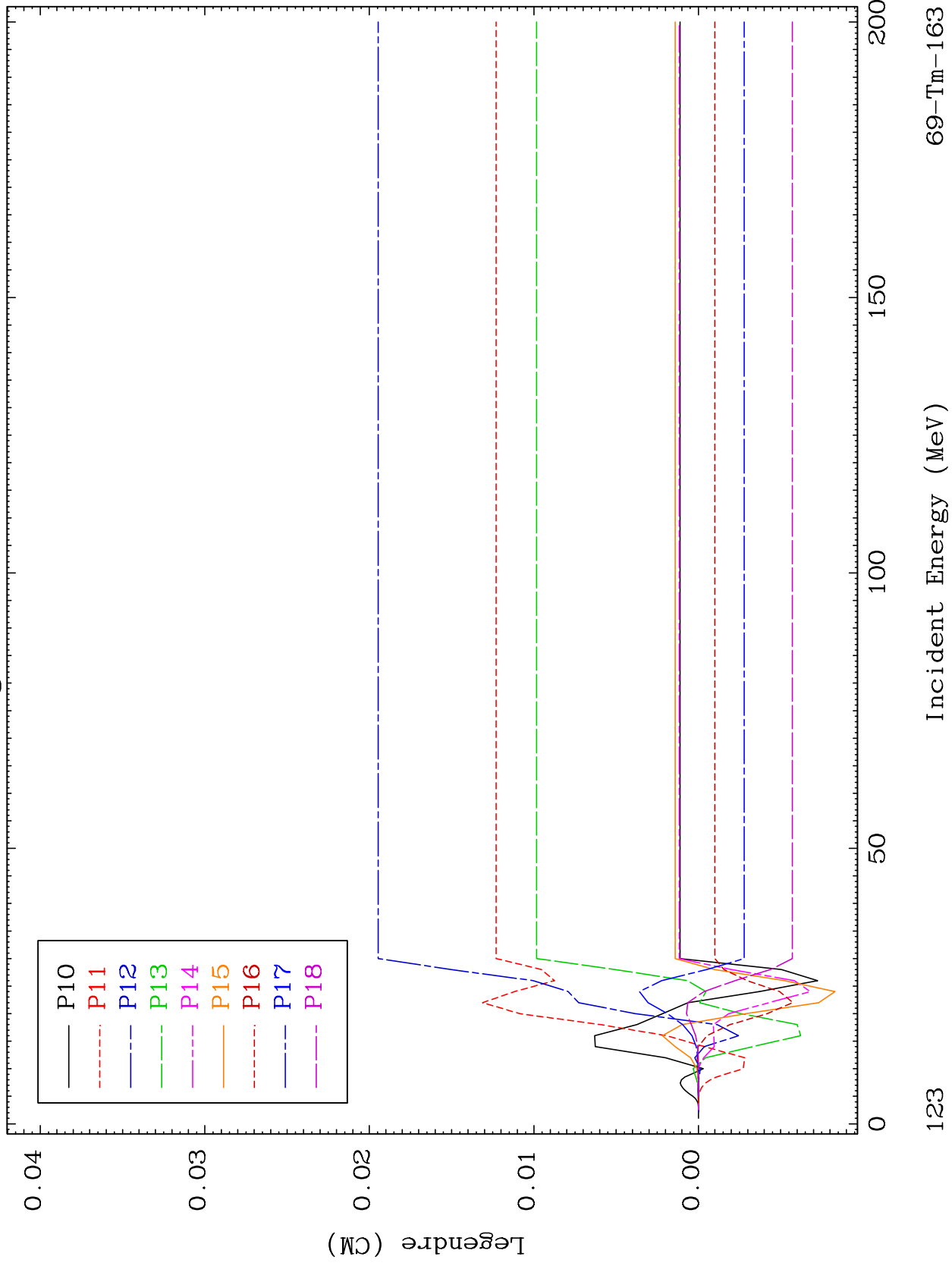
Incident Energy (MeV)

122

MAT 6907

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

69-Tm-163



123

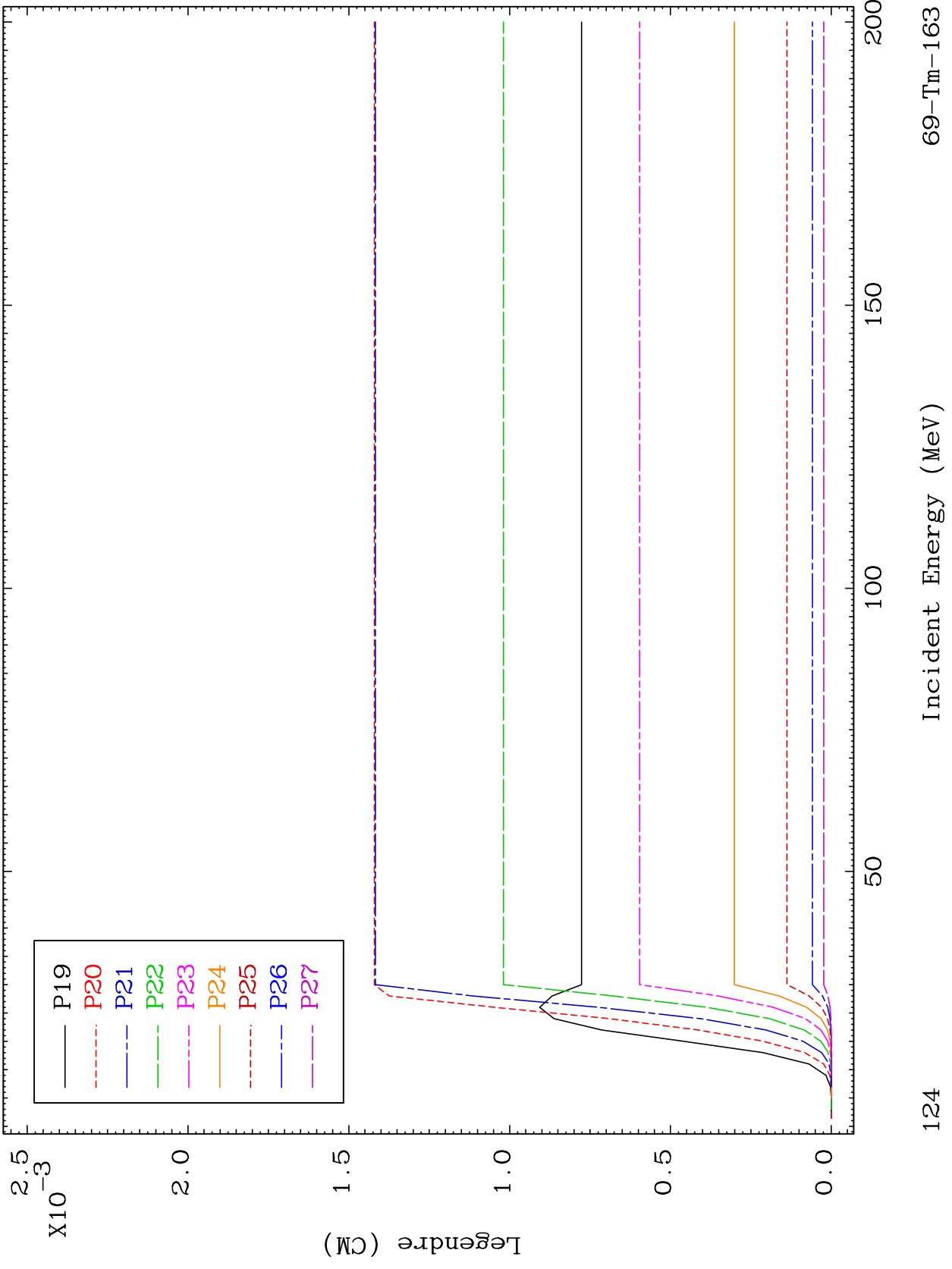
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



124

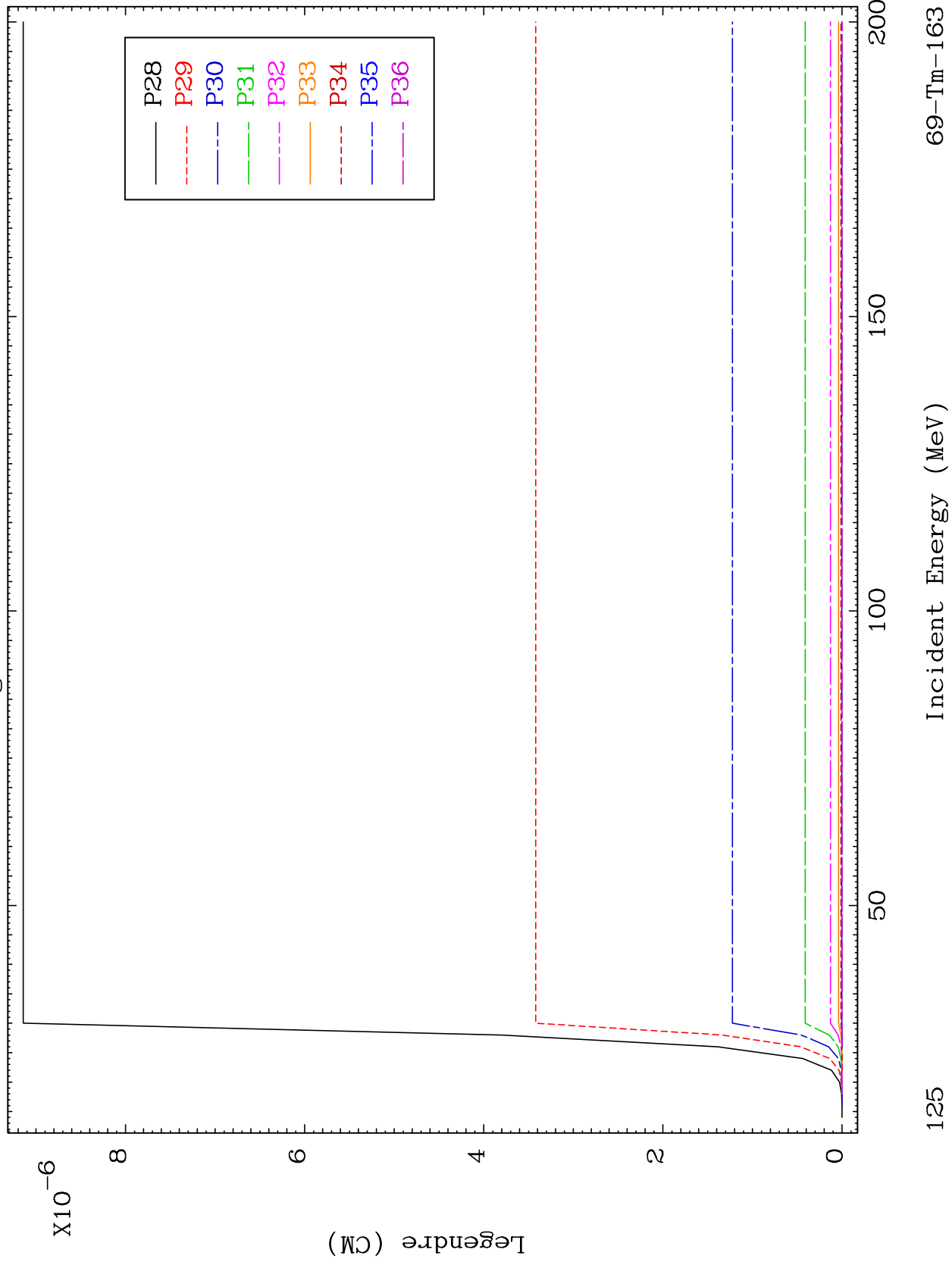
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



69-Tm-163

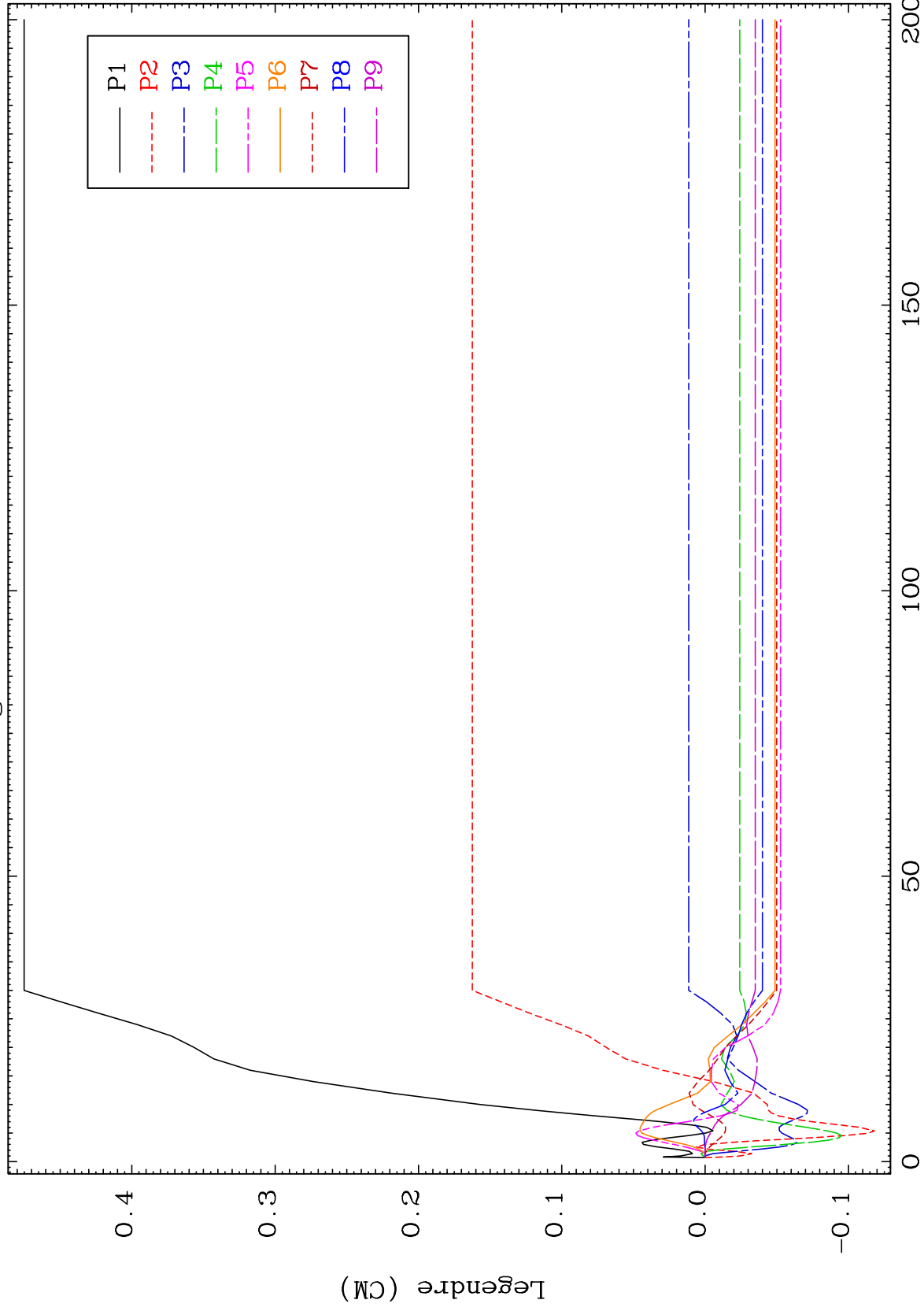
Incident Energy (MeV)

125

MAT 6907

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

69-Tm-163



126

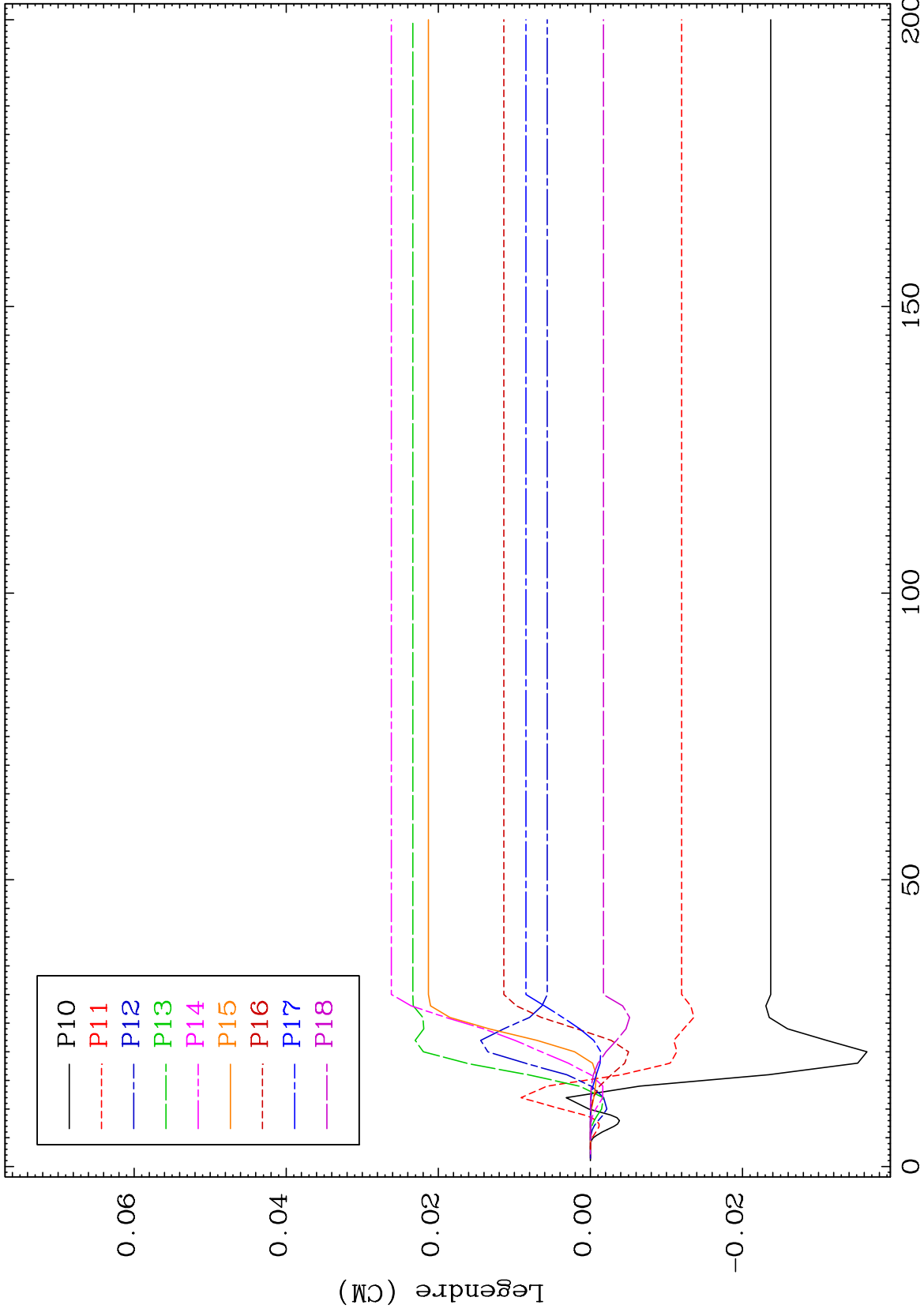
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



127

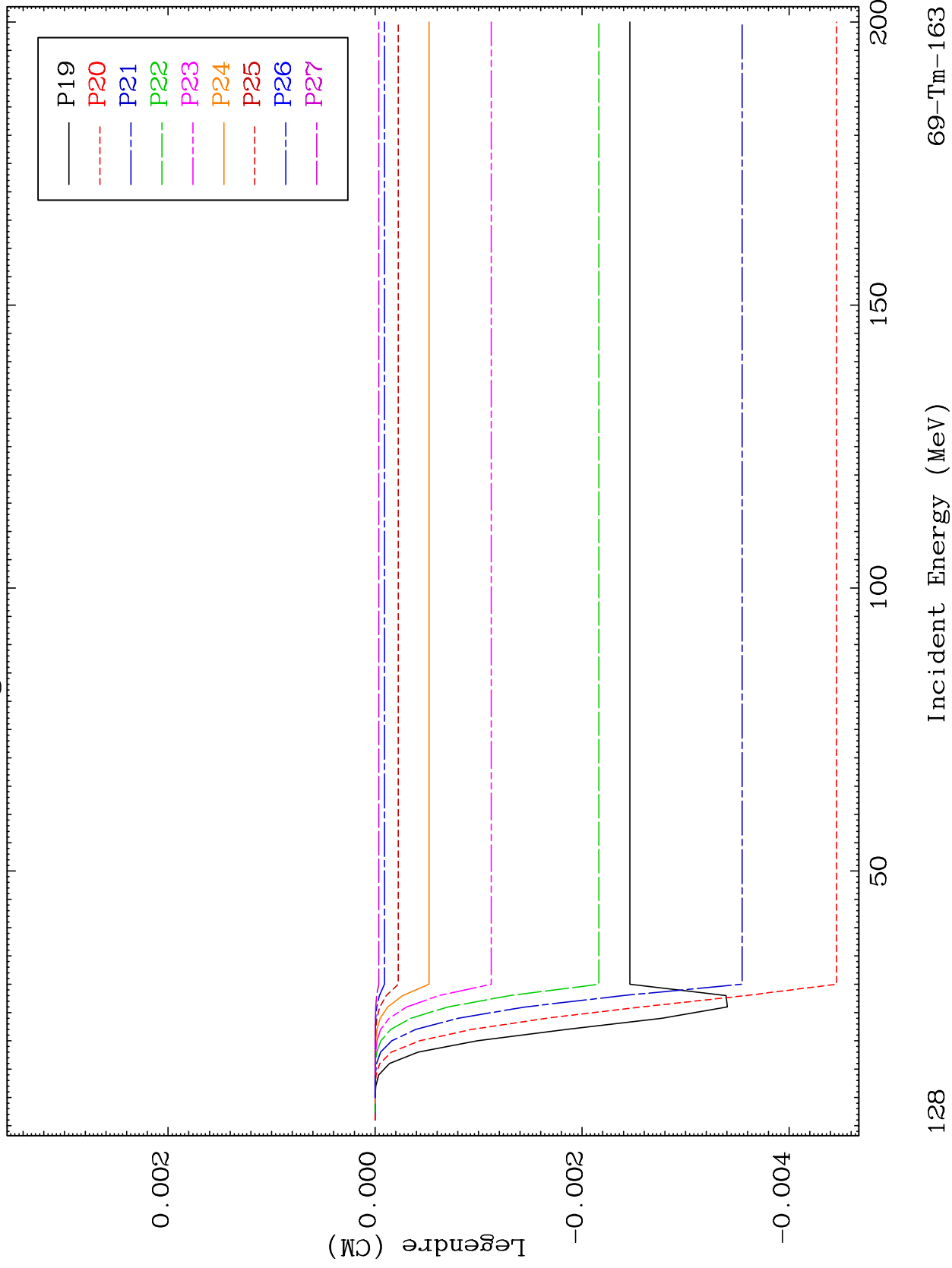
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



128

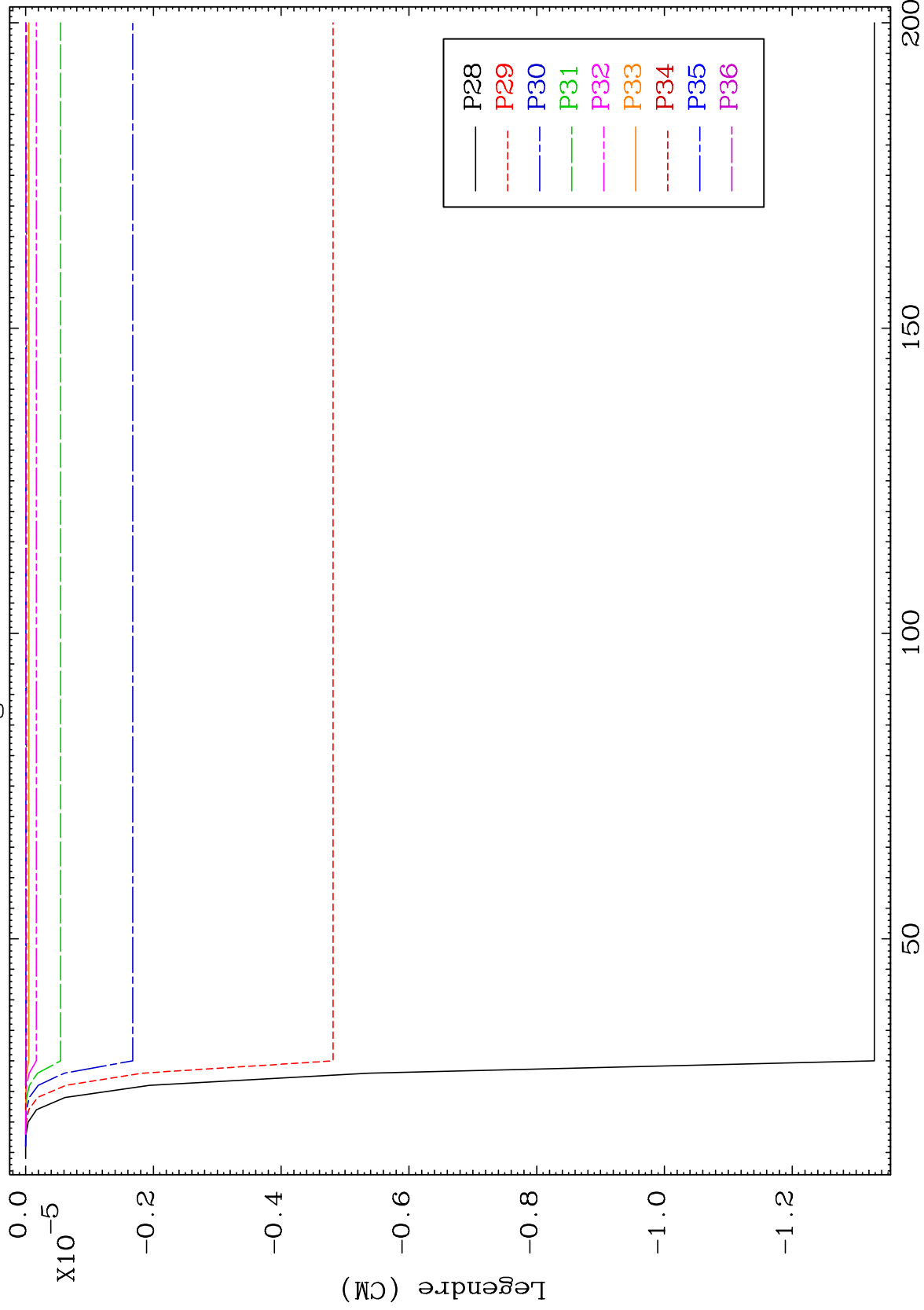
Incident Energy (MeV)

69-Tm-163

MAT 6907

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

69-Tm-163



129

Incident Energy (MeV)

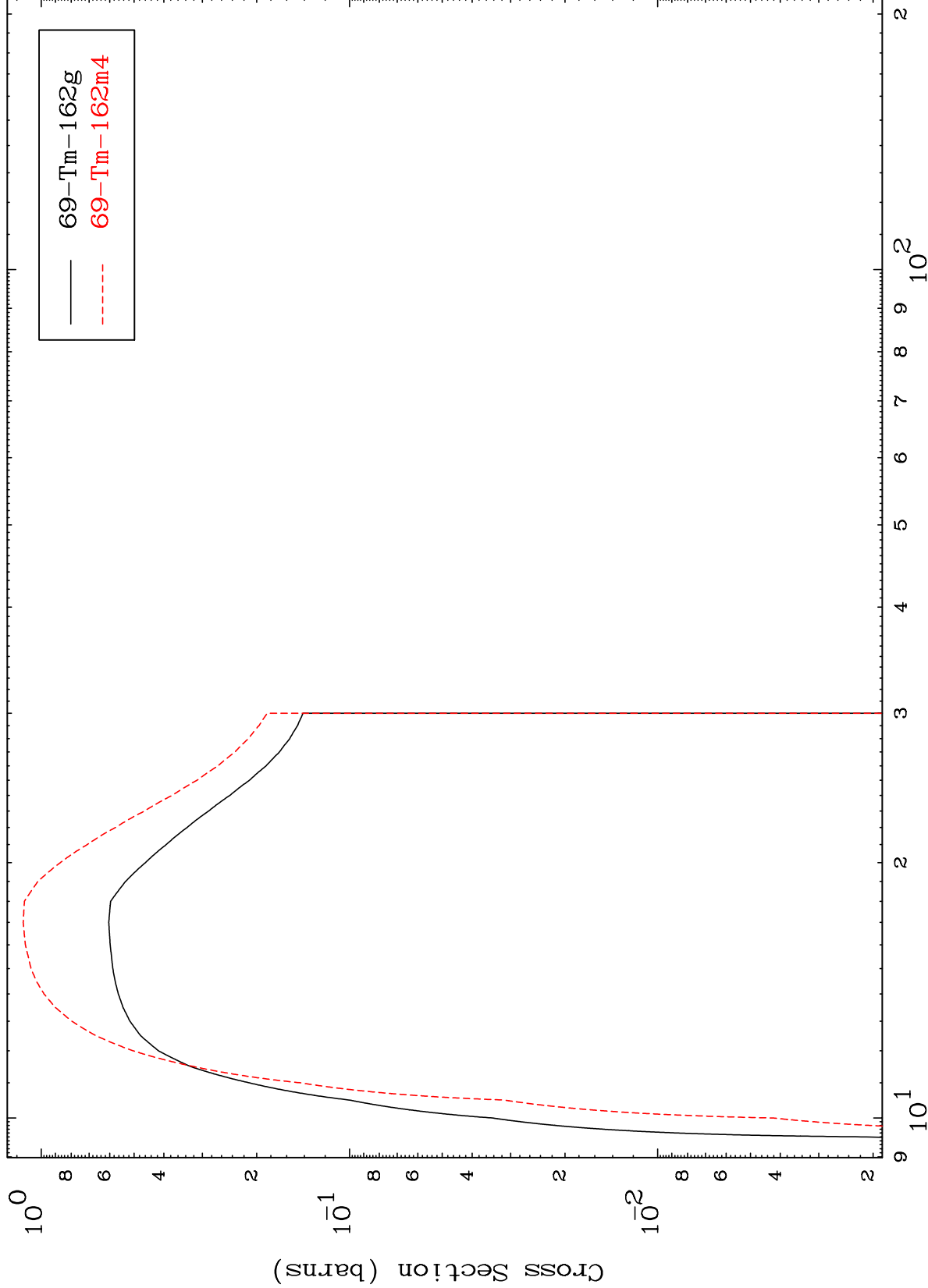
69-Tm-163

MAT 6907

(n,2n)

69-Tm-163

Radionuclide Production Cross Section



Incident Energy (MeV)

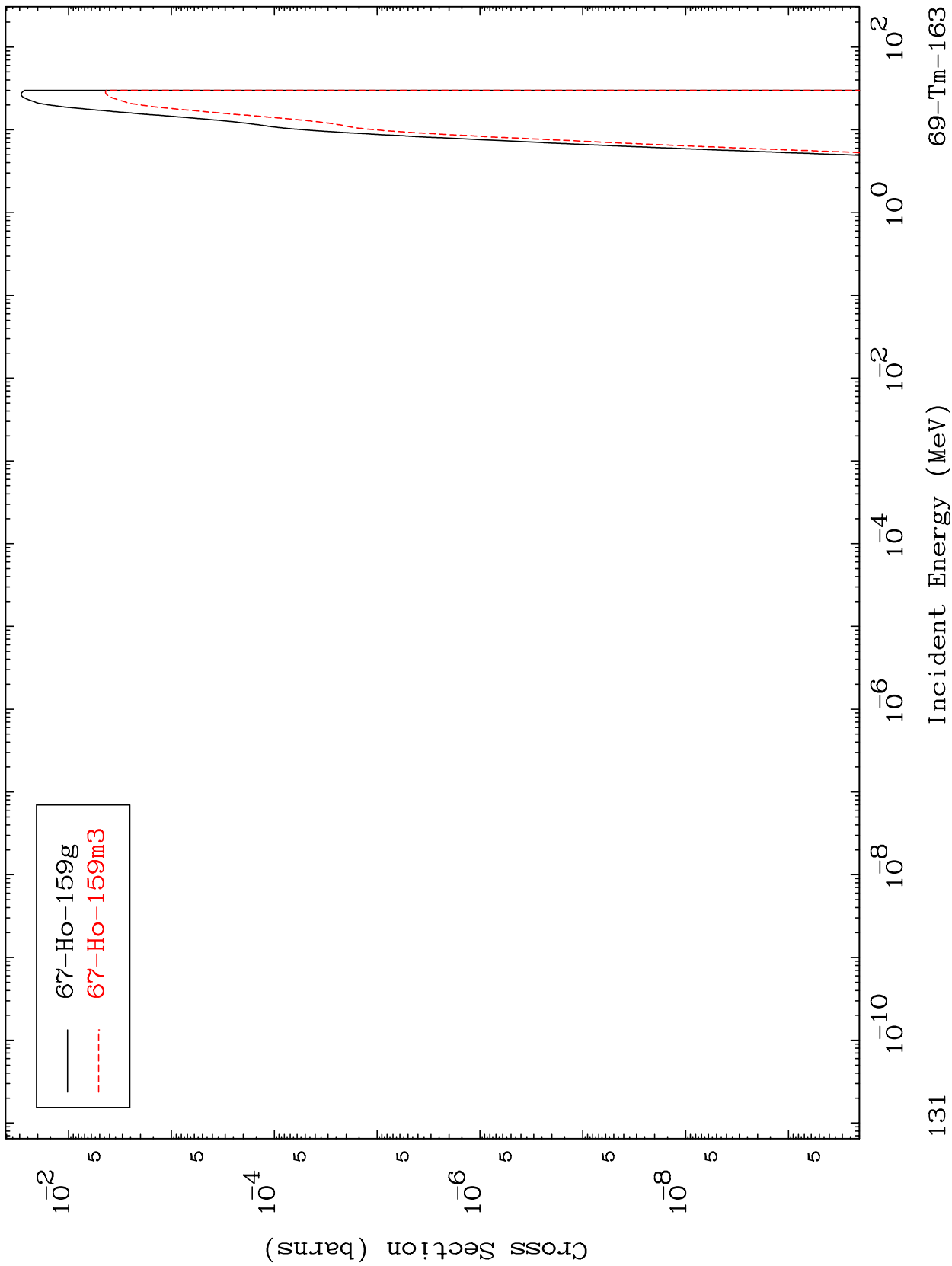
69-Tm-163

MAT 6907

(n, n') α

69-Tm-163

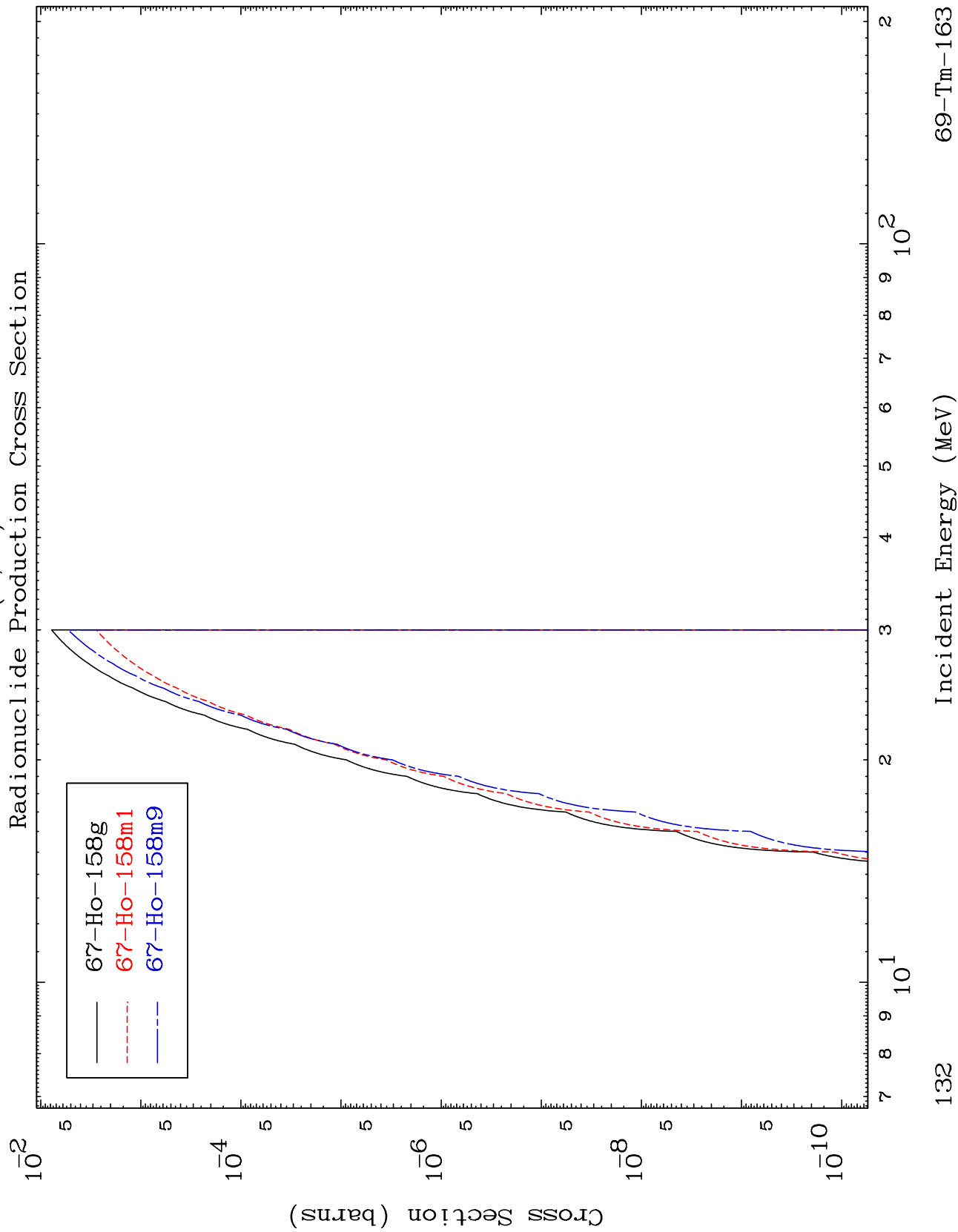
Radionuclide Production Cross Section



MAT 6907

$(n,2n) \alpha$

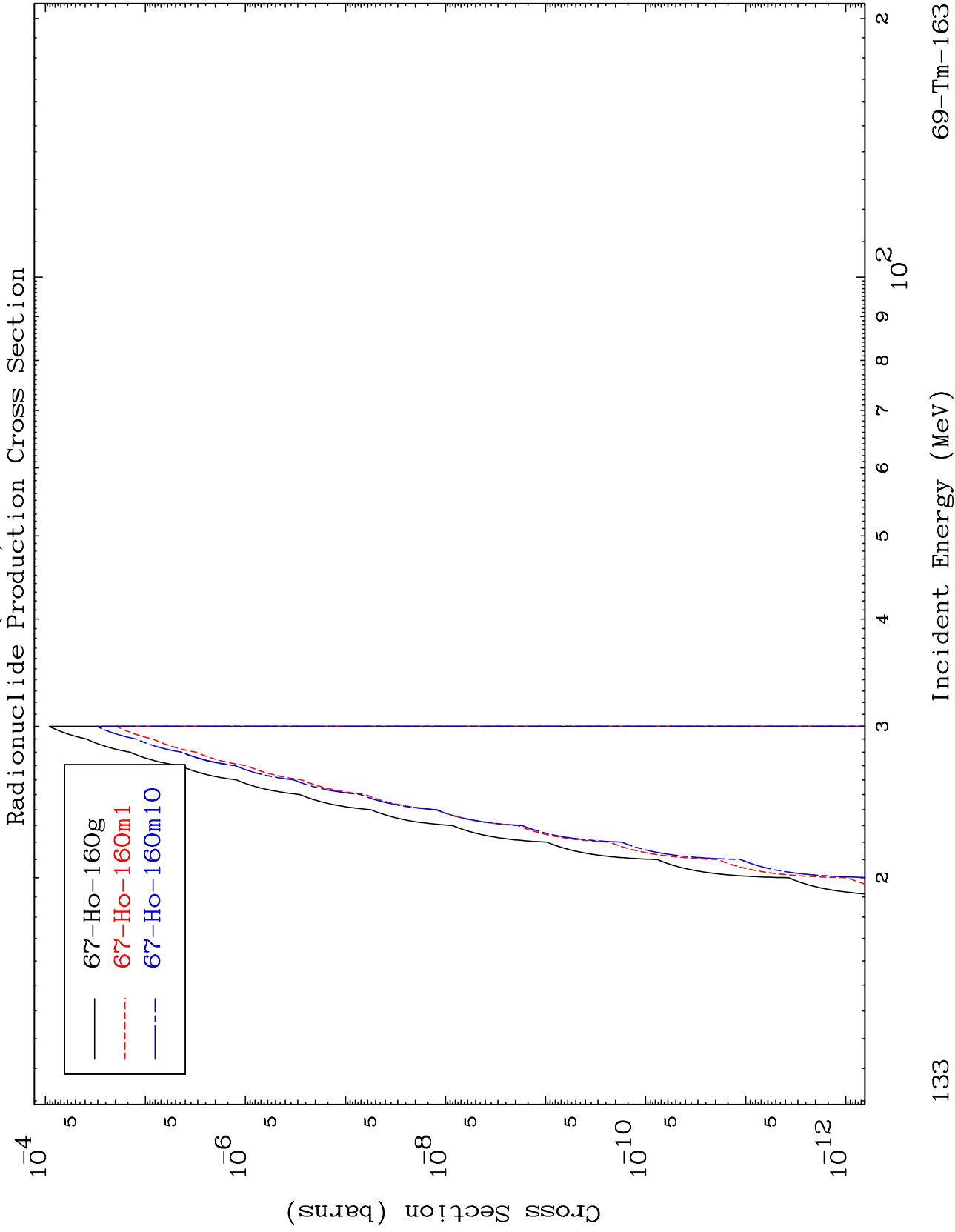
69-Tm-163



MAT 6907

(n,n') He-3

69-Tm-163



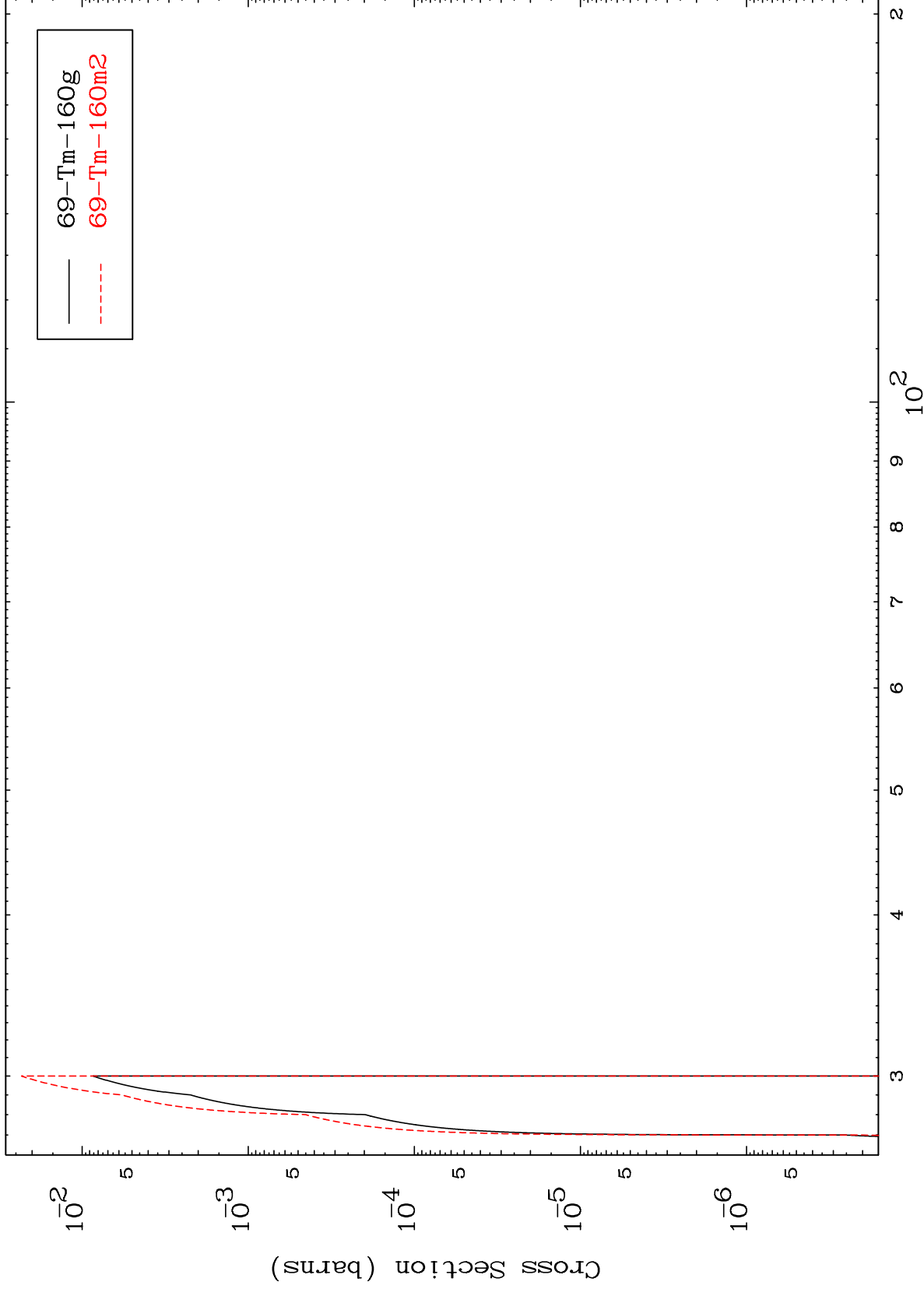
133

MAT 6907

(n,4n)

69-Tm-163

Radionuclide Production Cross Section



134

Incident Energy (MeV)

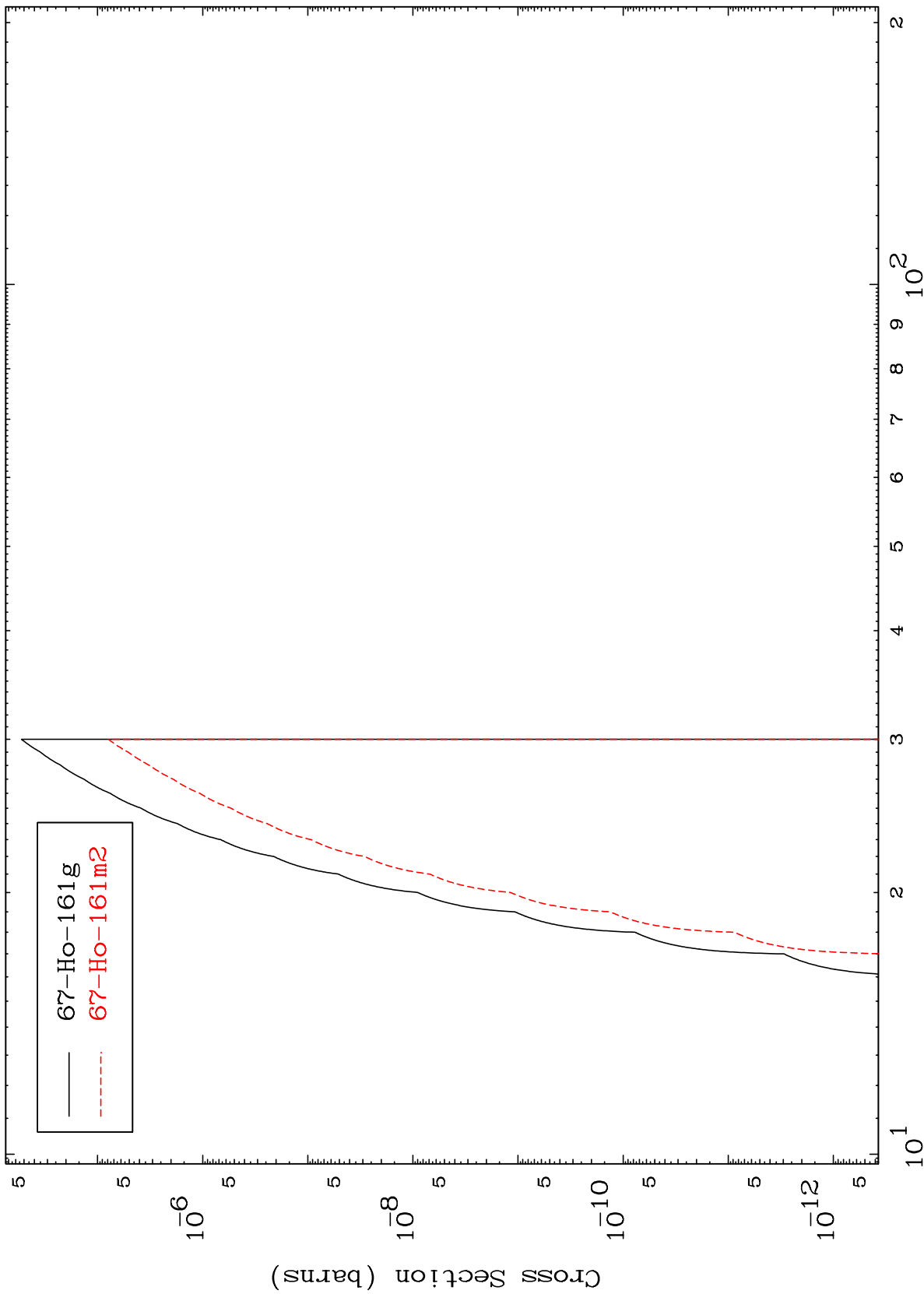
69-Tm-163

MAT 6907

(n,2n) p

69-Tm-163

Radionuclide Production Cross Section



Incident Energy (MeV)

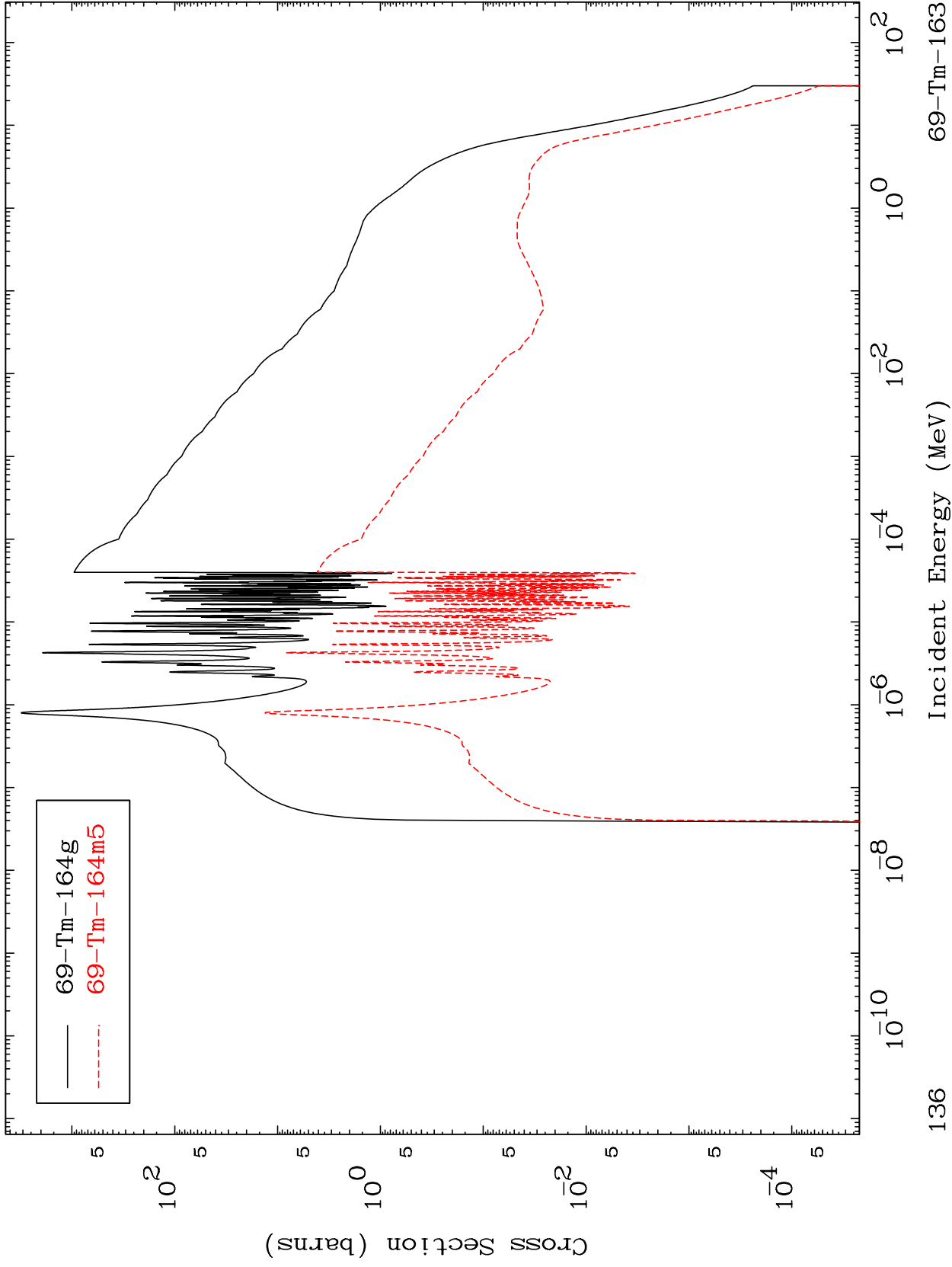
69-Tm-163

135

MAT 6907

69-Tm-163

Radionuclide Production Cross Section
(n, γ)

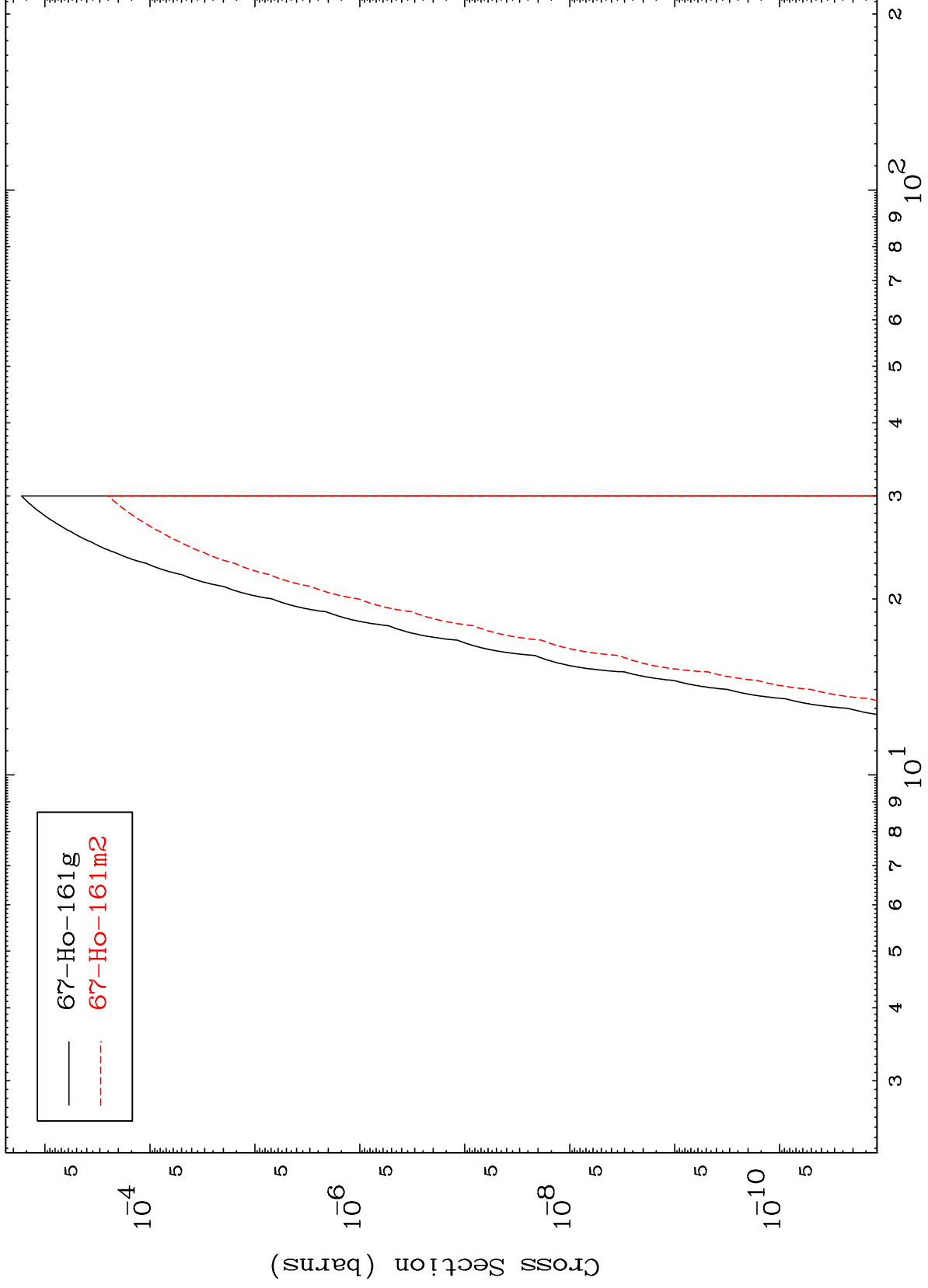


MAT 6907

(n,He-3)

69-Tm-163

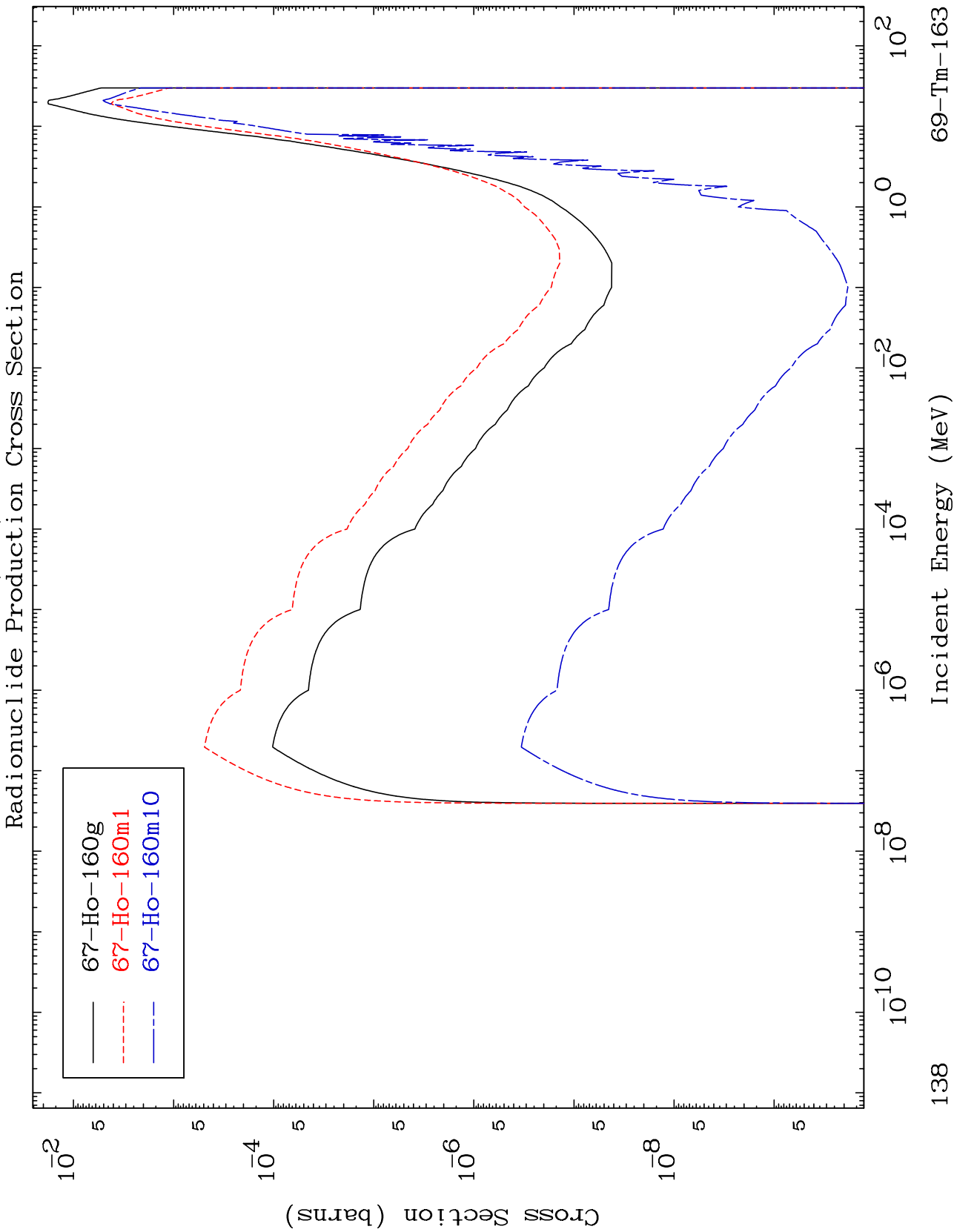
Radionuclide Production Cross Section



137

Incident Energy (MeV)

69-Tm-163



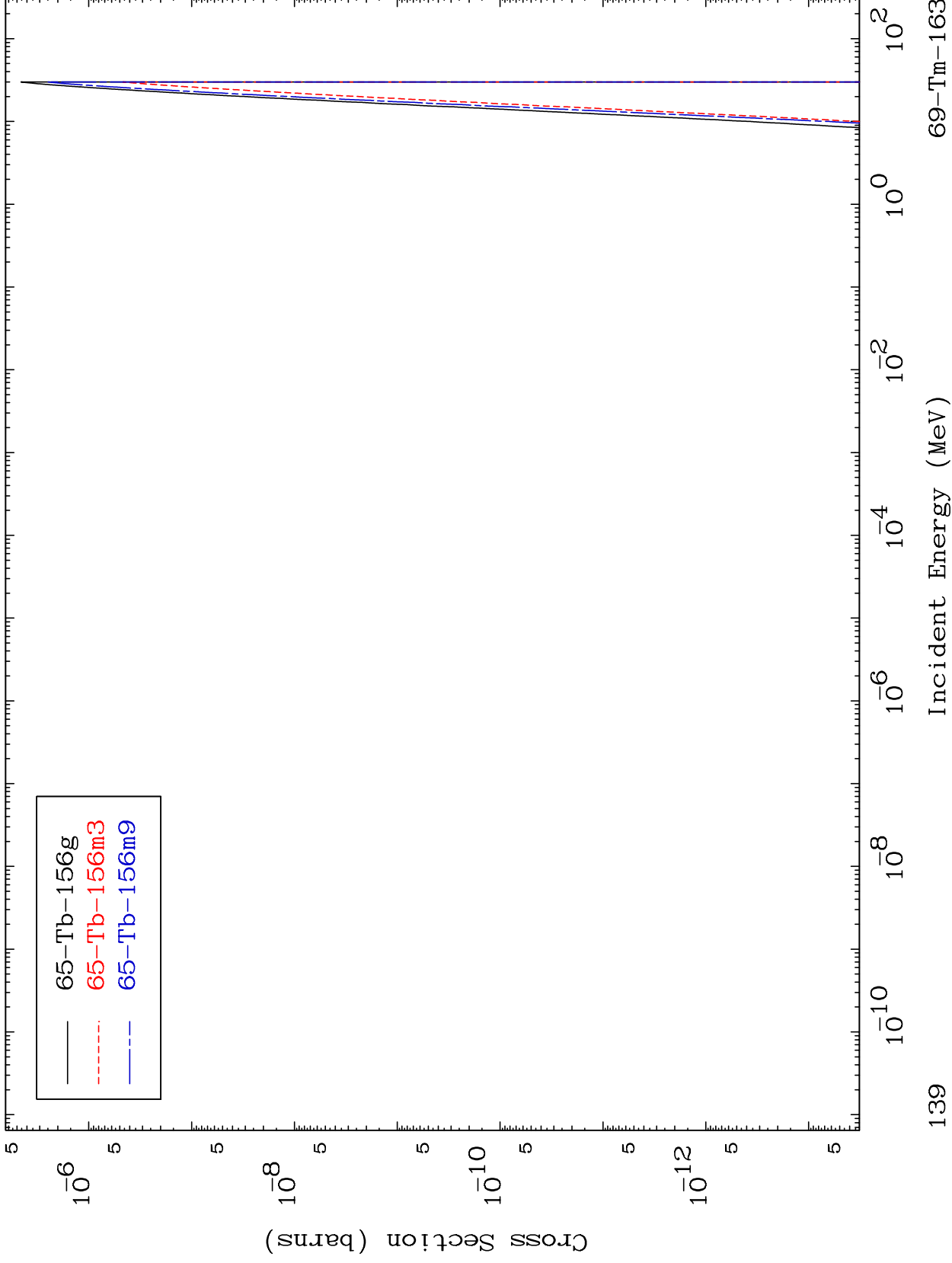
—	67-Ho-160g
- - -	67-Ho-160m1
- · - · -	67-Ho-160m10

MAT 6907

(n,2α)

69-Tm-163

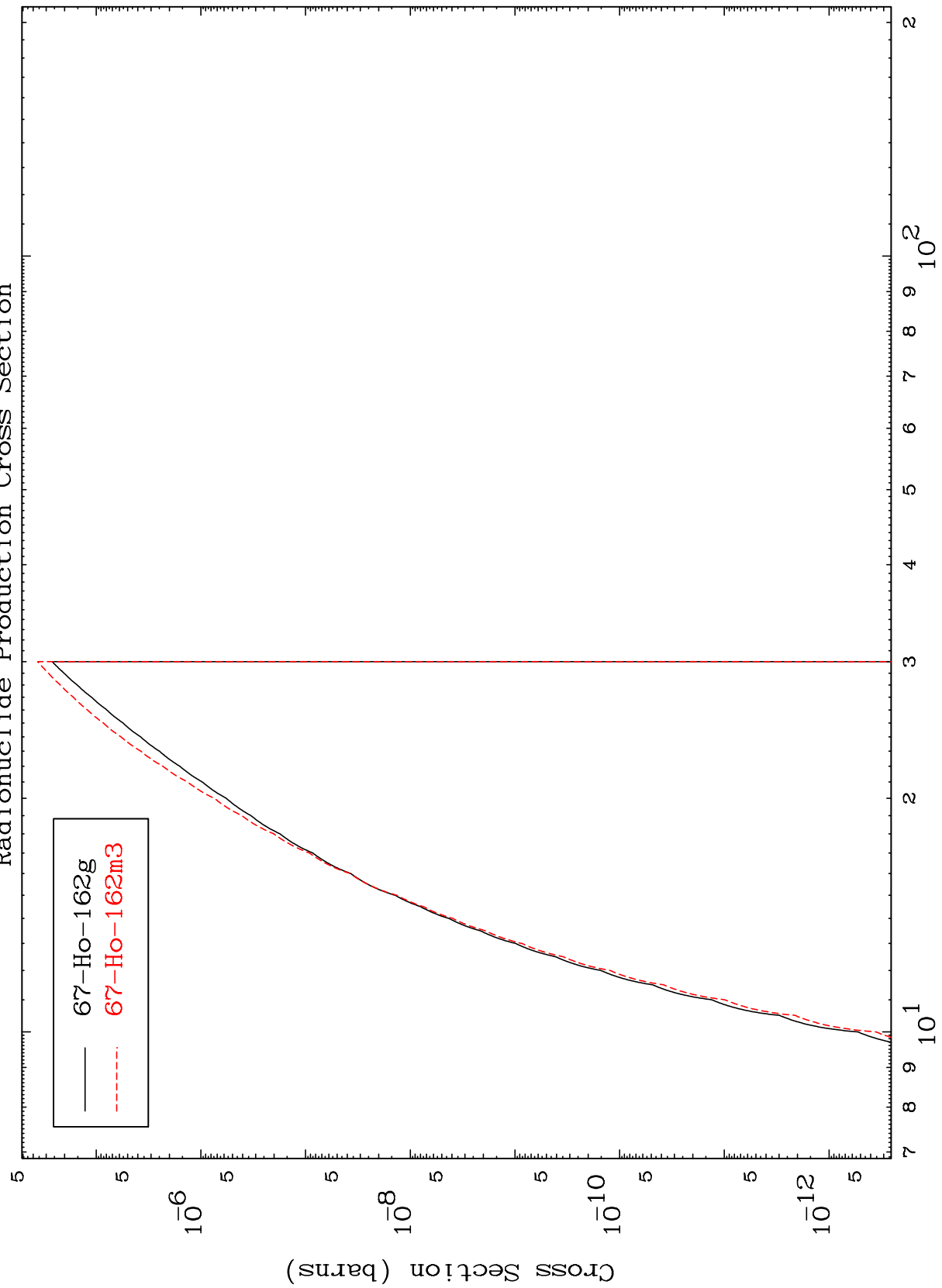
Radionuclide Production Cross Section



MAT 6907

69-Tm-163

(n,2p)
Radionuclide Production Cross Section



— 67-Ho-162g
- - - 67-Ho-162m3

140

Incident Energy (MeV)

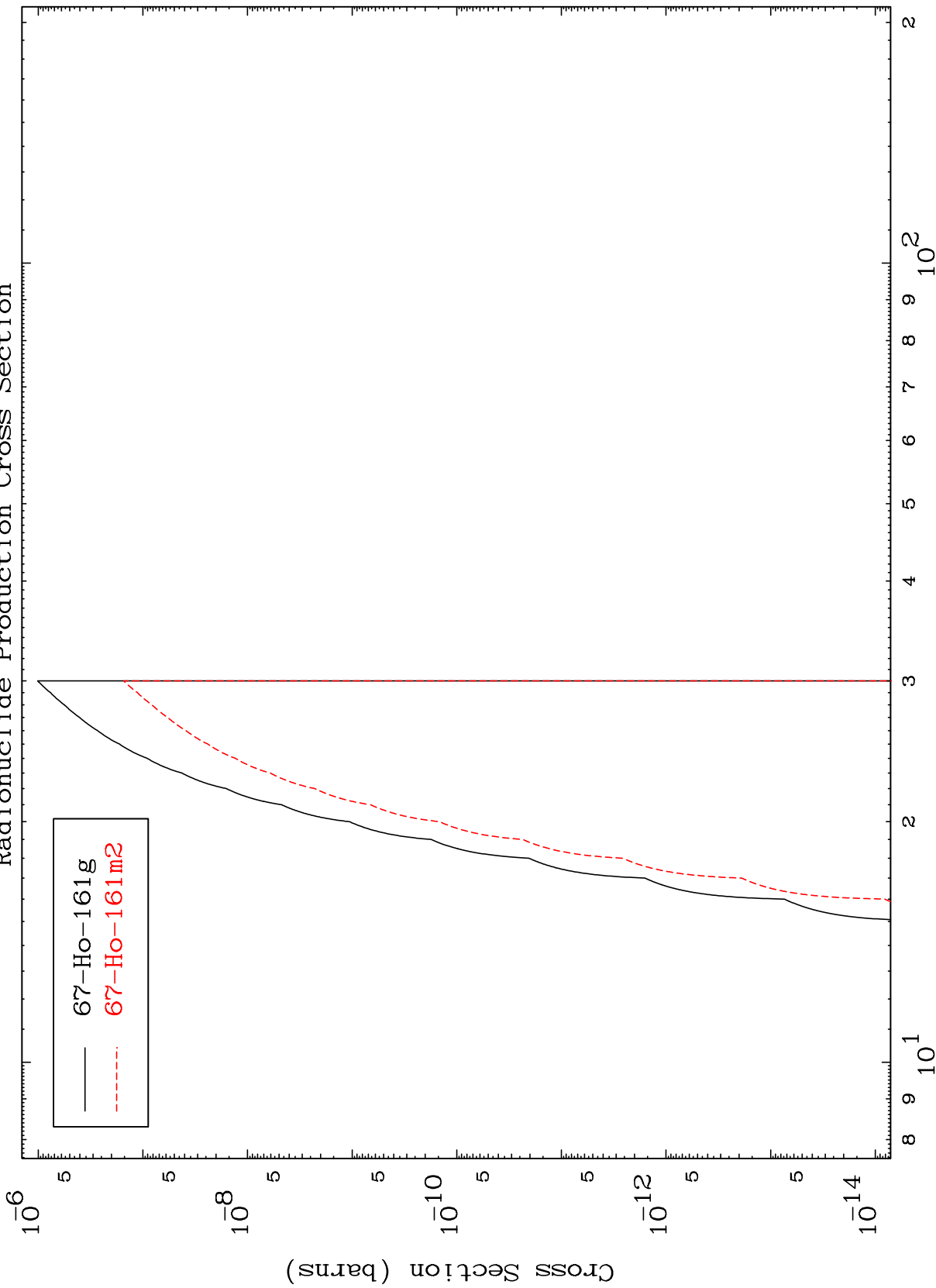
69-Tm-163

MAT 6907

(n,p) d

69-Tm-163

Radionuclide Production Cross Section



67-Ho-161g
67-Ho-161m2

141

Incident Energy (MeV)

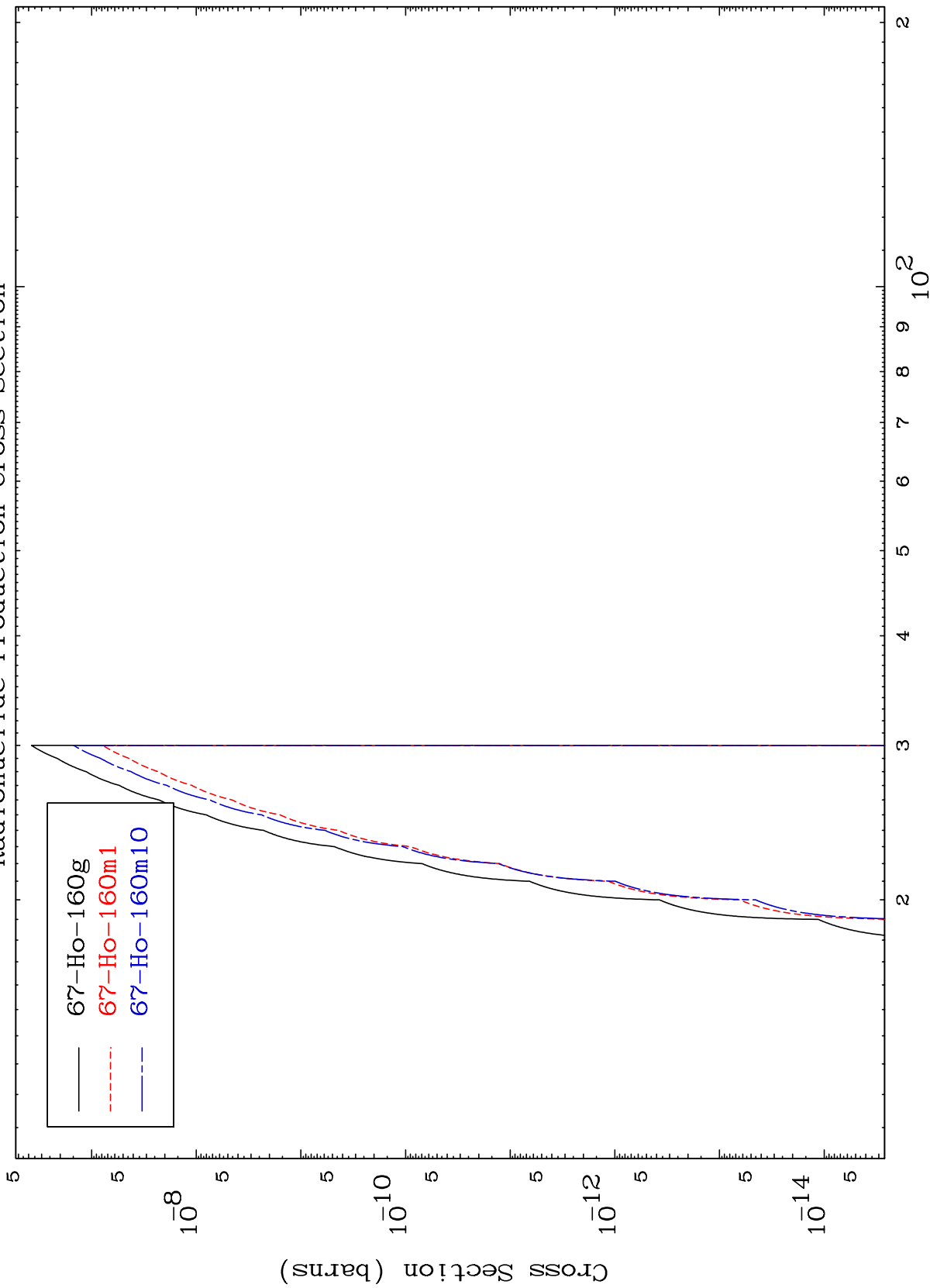
69-Tm-163

MAT 6907

(n,p) t

69-Tm-163

Radionuclide Production Cross Section



142

Incident Energy (MeV)

69-Tm-163