

Program EVALPLOT
(Version 2021-1)

by

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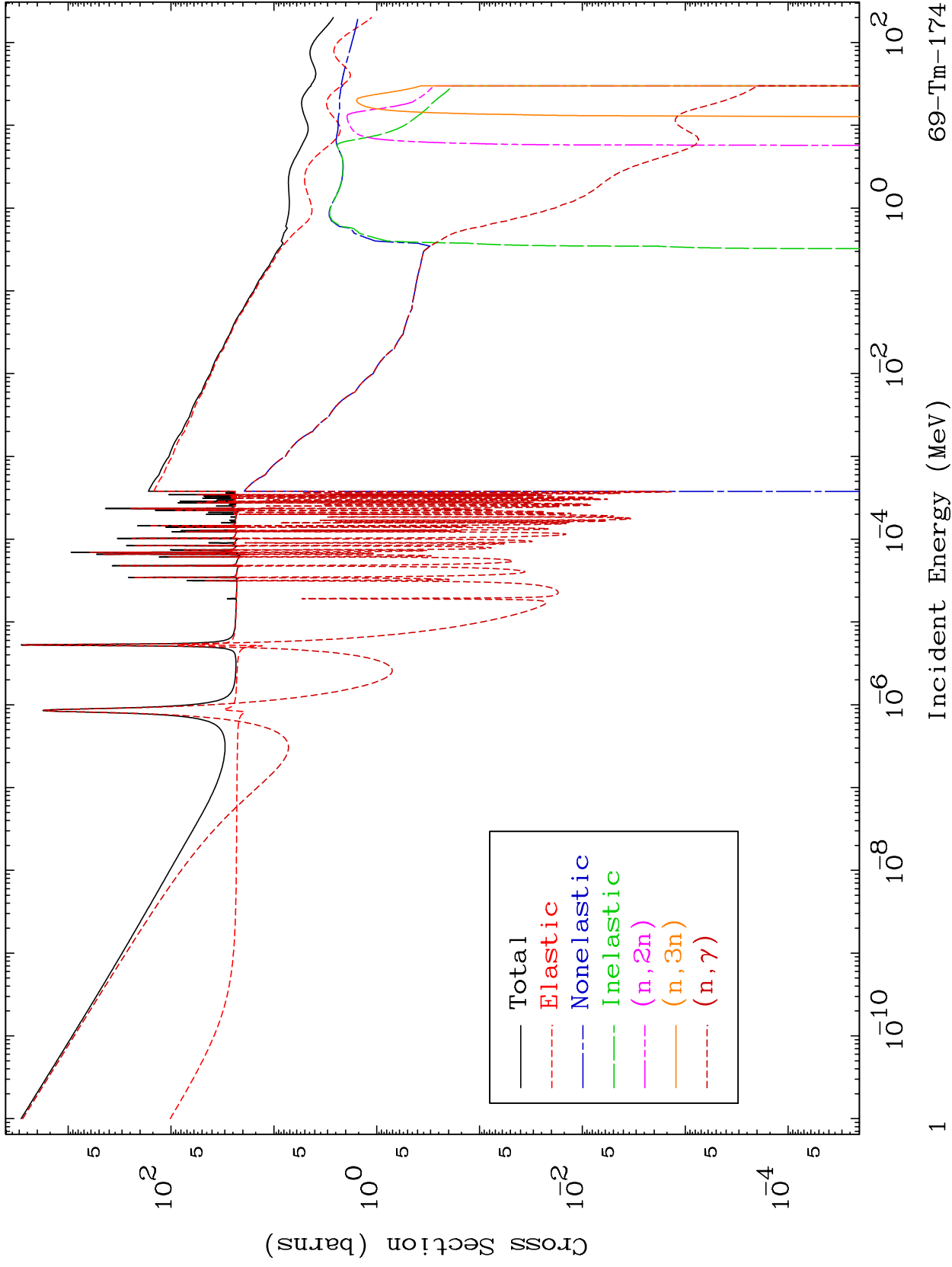
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6940

Neutron Major
293 Kelvin Cross Sections

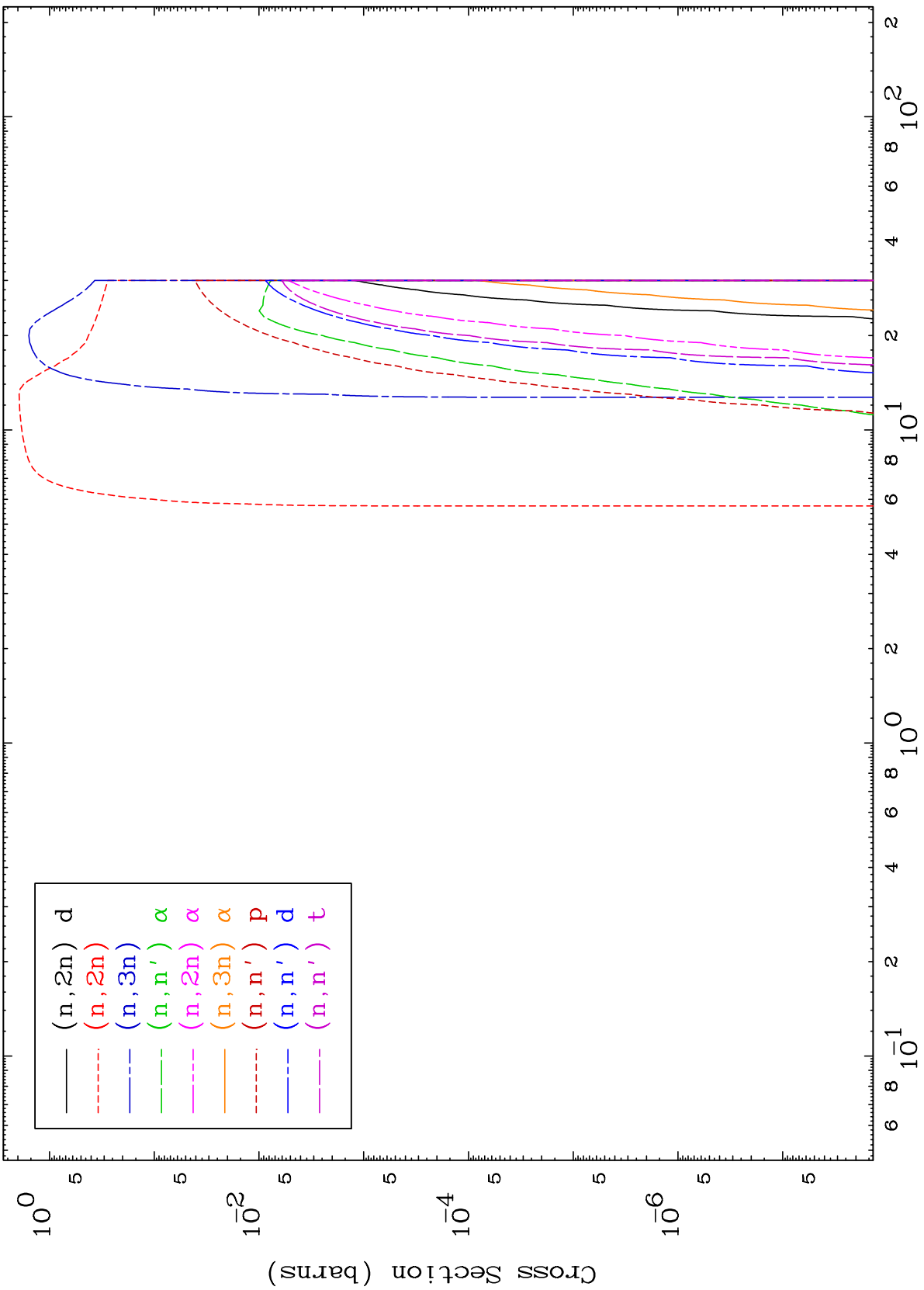
69-Tm-174



MAT 6940

Neutron Absorption
293 Kelvin Cross Sections

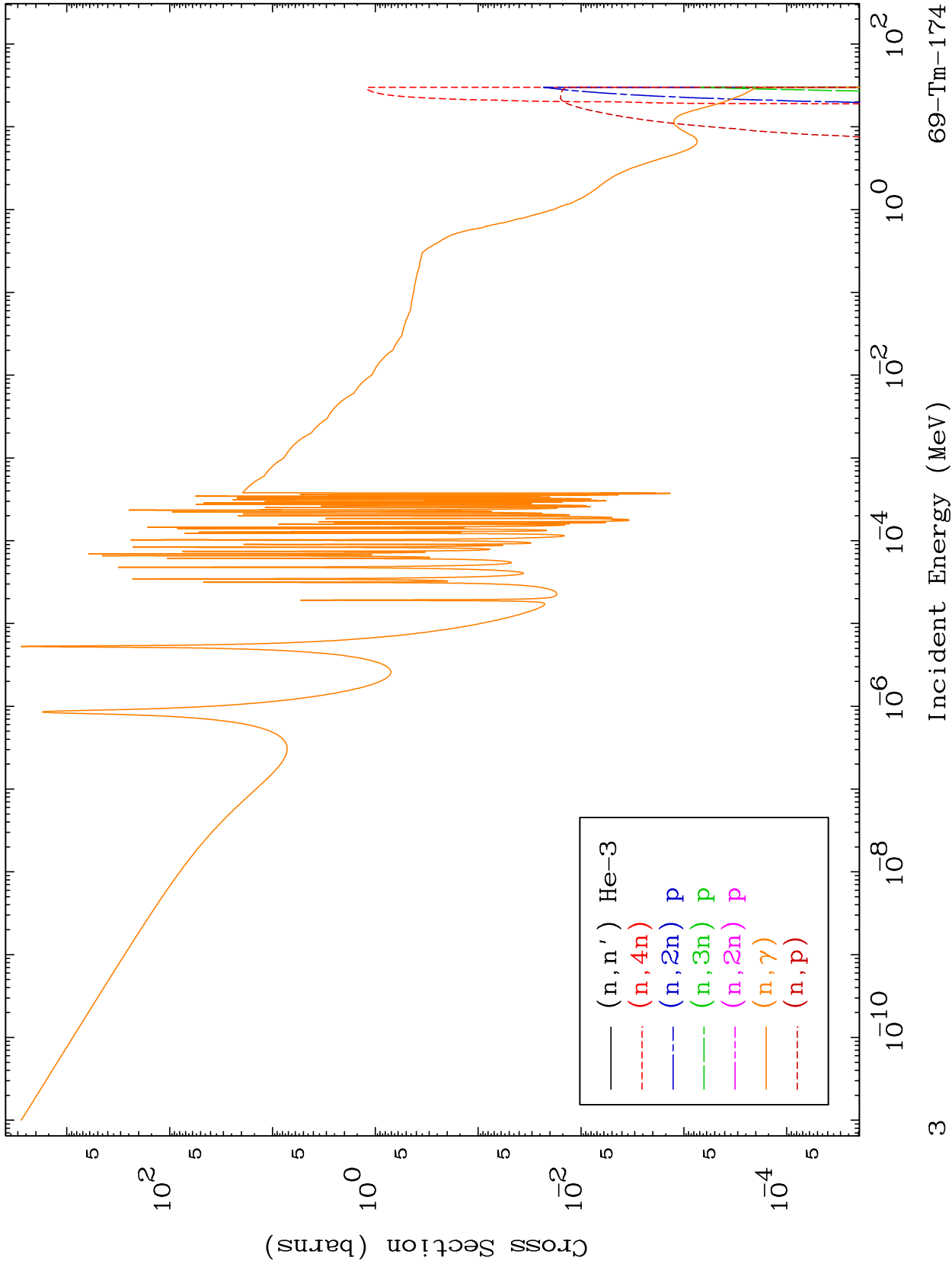
69-Tm-174

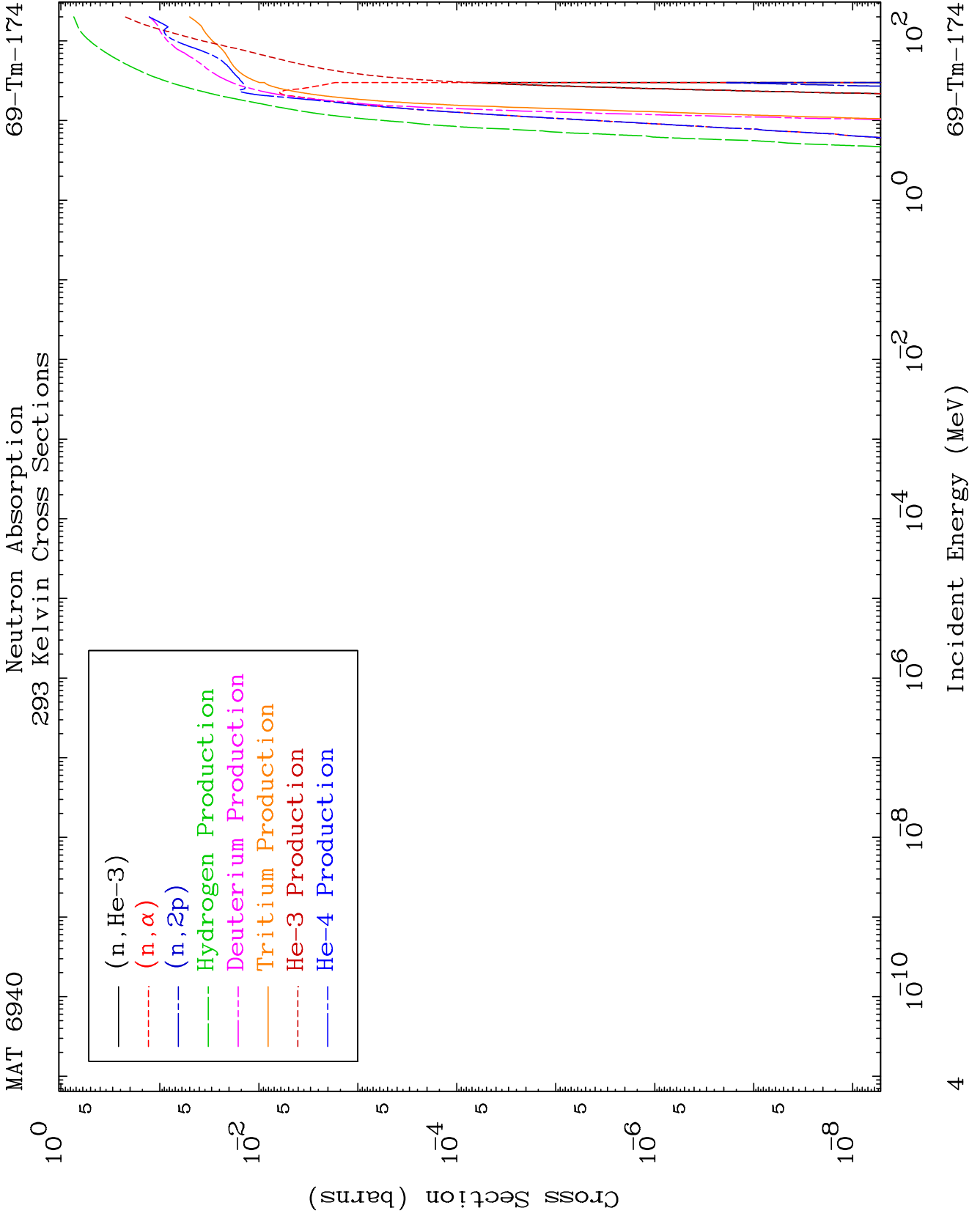


MAT 6940

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-174

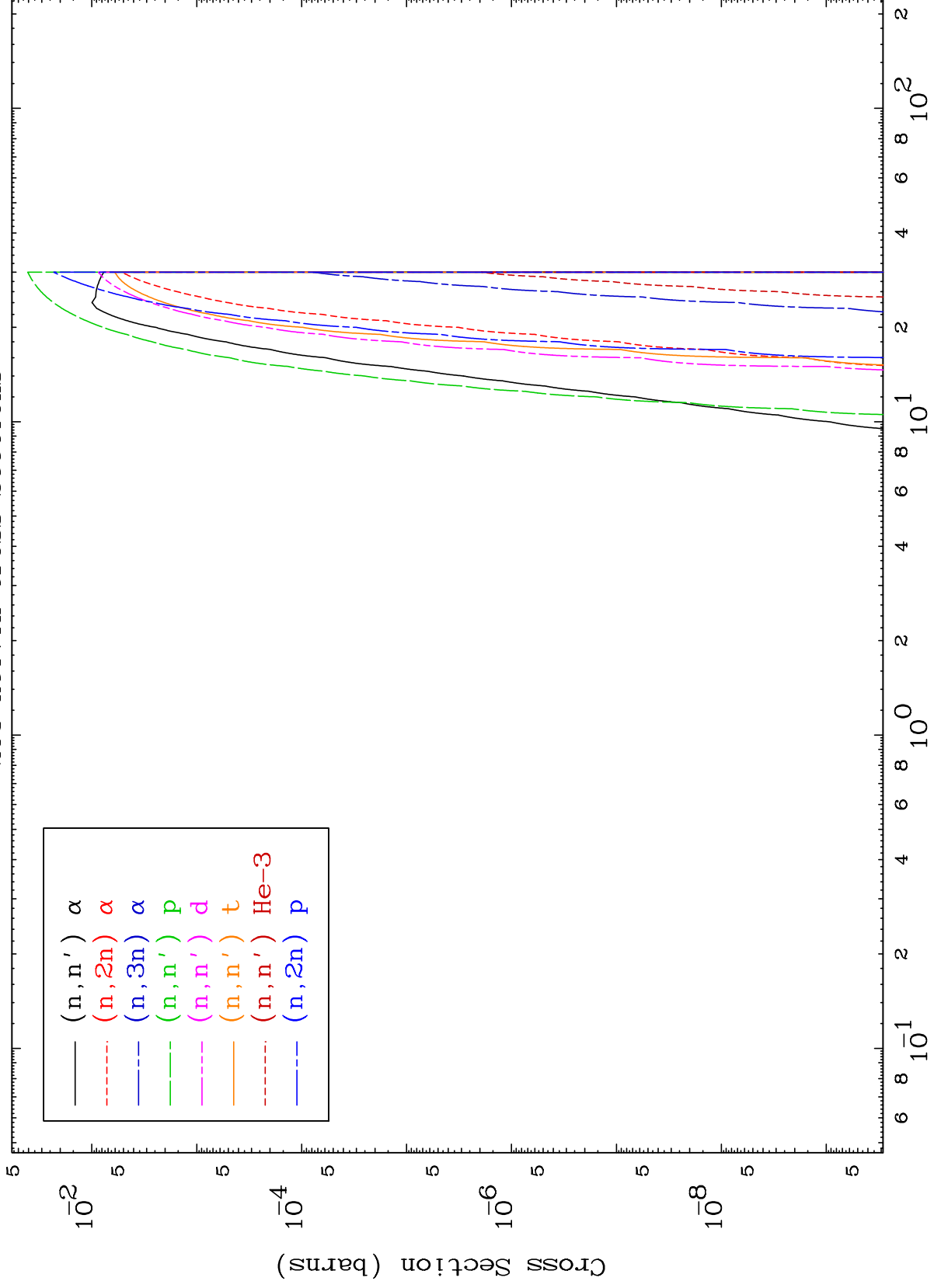




MAT 6940

Charged Particle
293 Kelvin Cross Sections

69-Tm-174



5

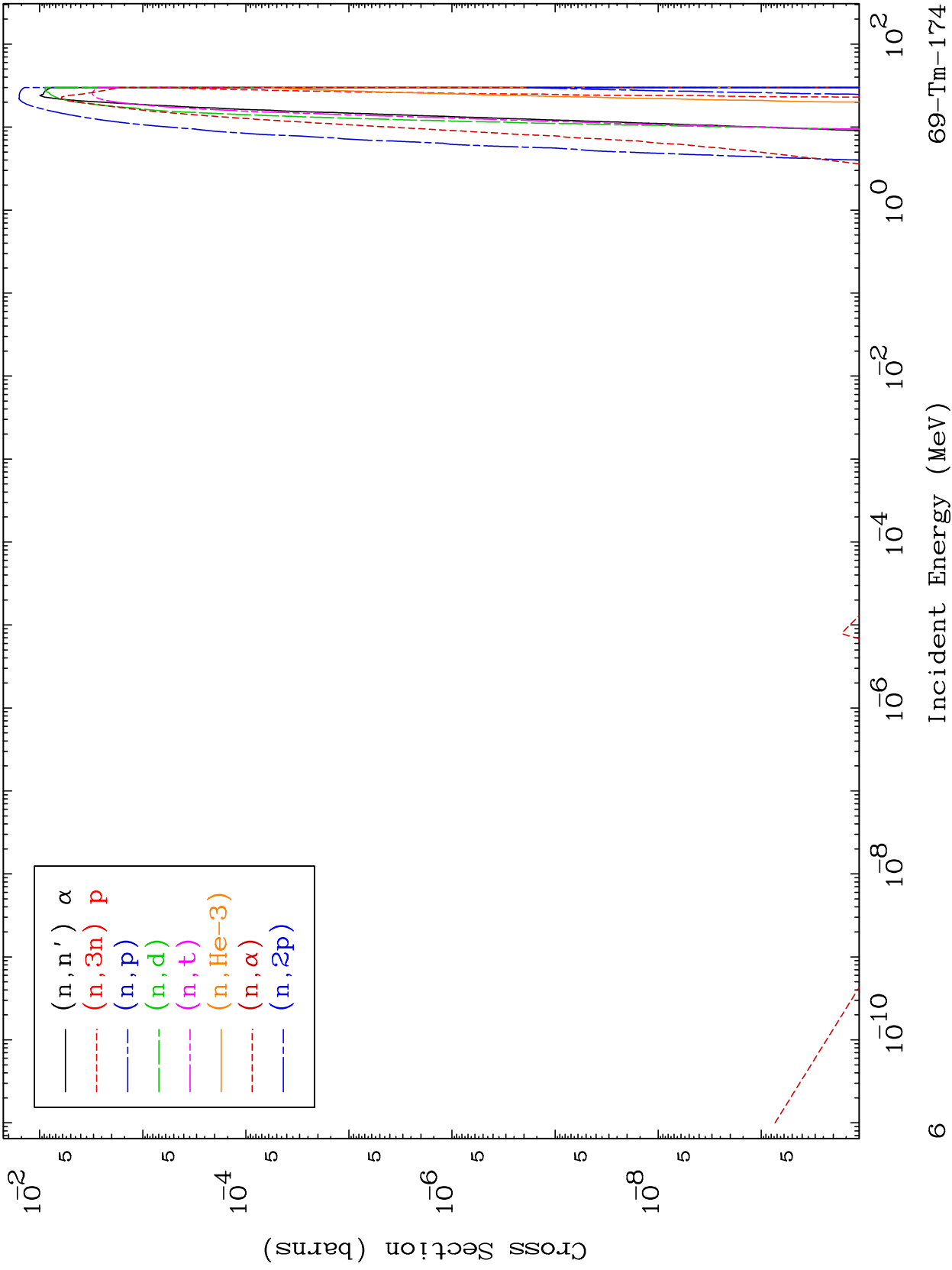
Incident Energy (MeV)

69-Tm-174

MAT 6940

Charged Particle
293 Kelvin Cross Sections

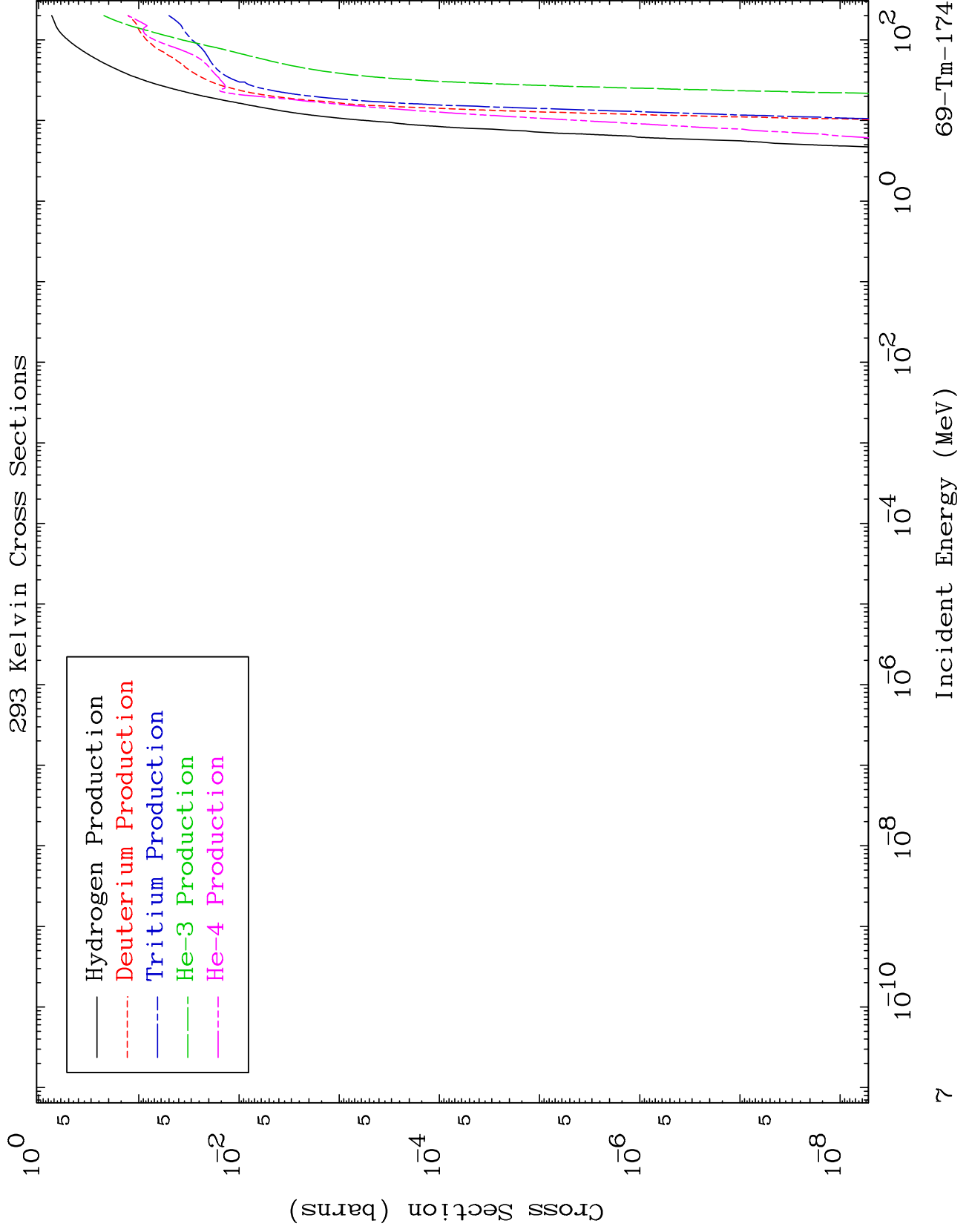
69-Tm-174



MAT 6940

Particle Production
293 Kelvin Cross Sections

69-Tm-174

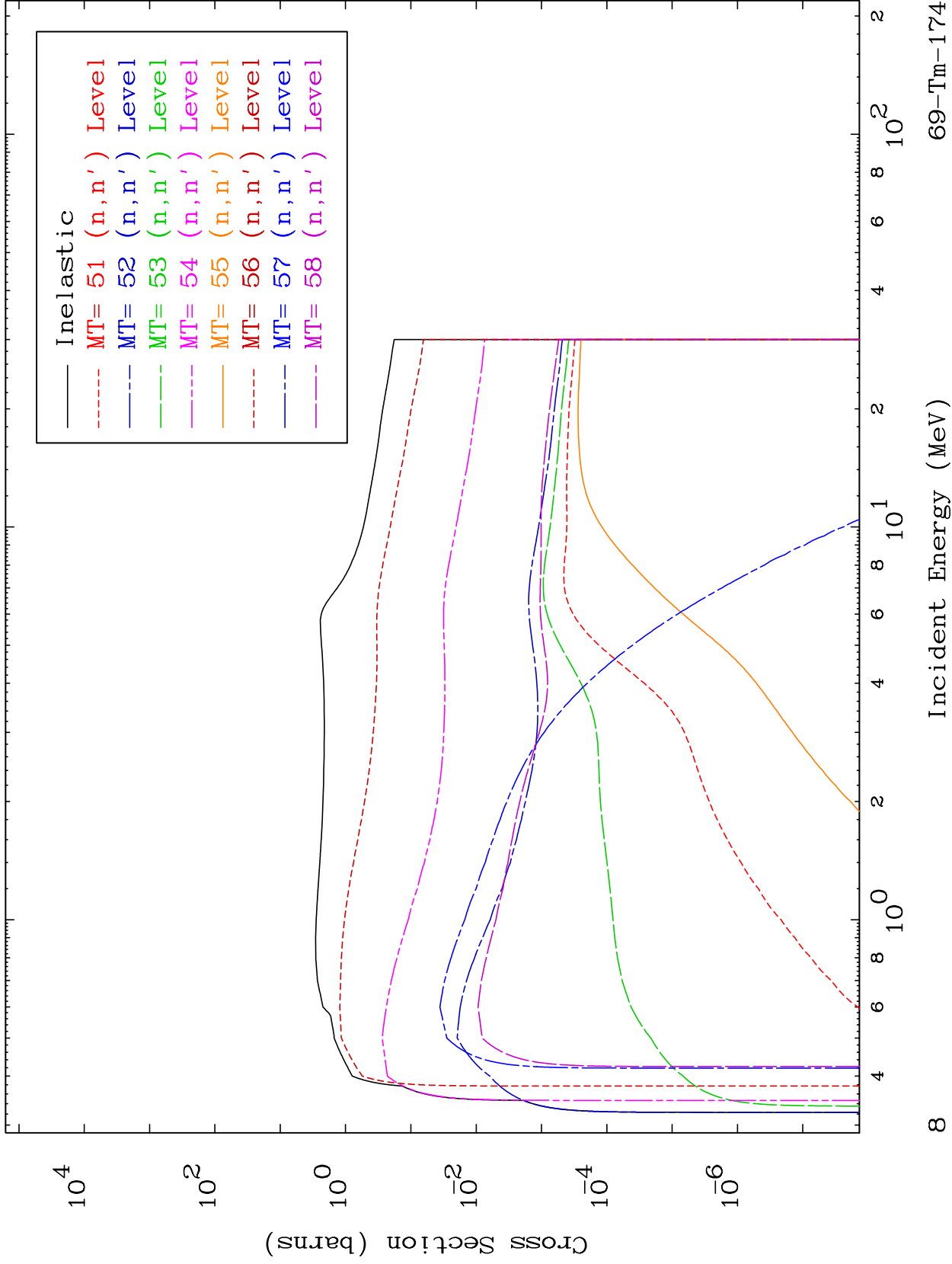


MAT 6940

(n,n') Levels

69-Tm-174

293 Kelvin Cross Sections



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Incident Energy (MeV)

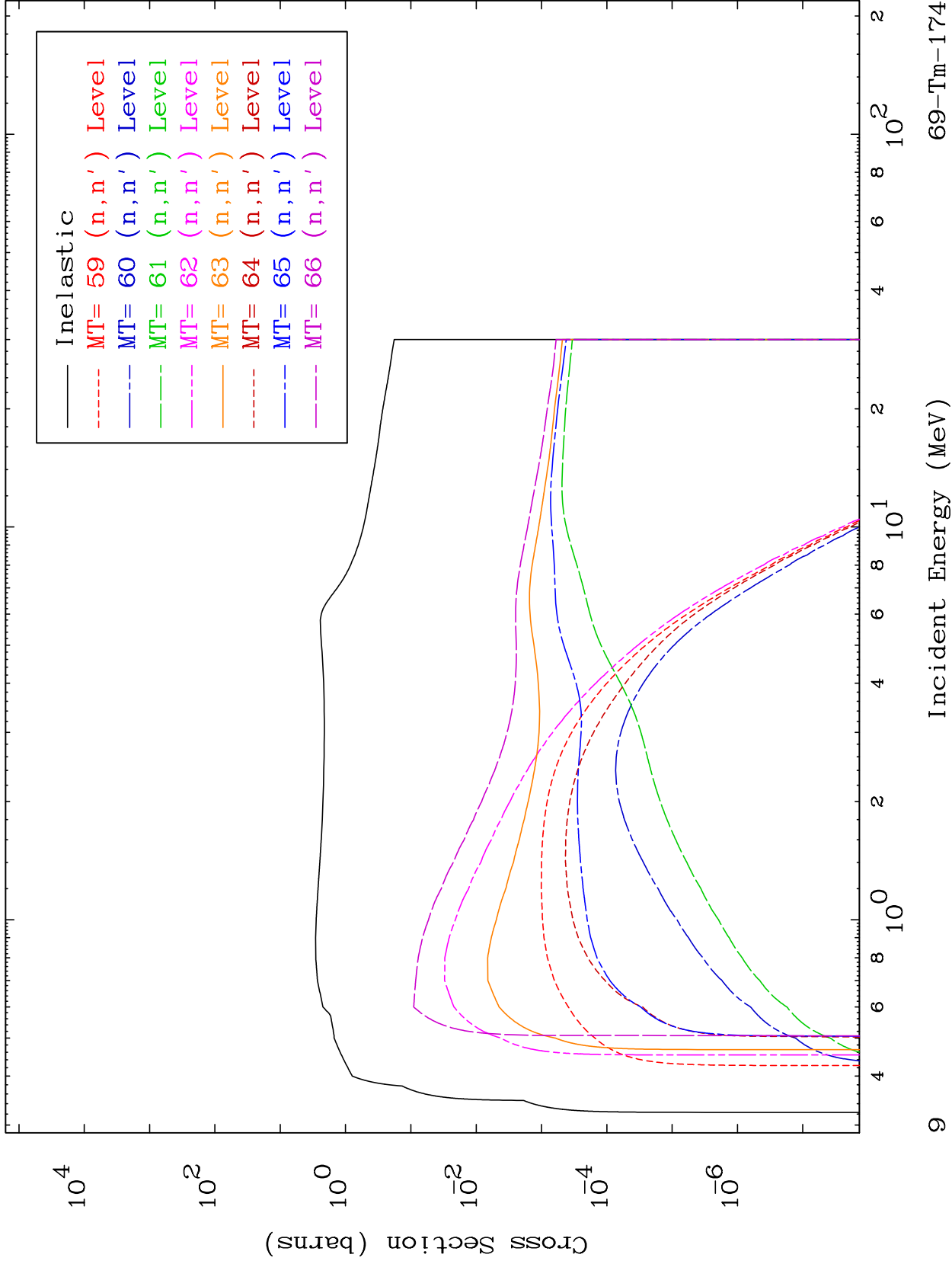
69-Tm-174

MAT 6940

(n,n') Levels

69-Tm-174

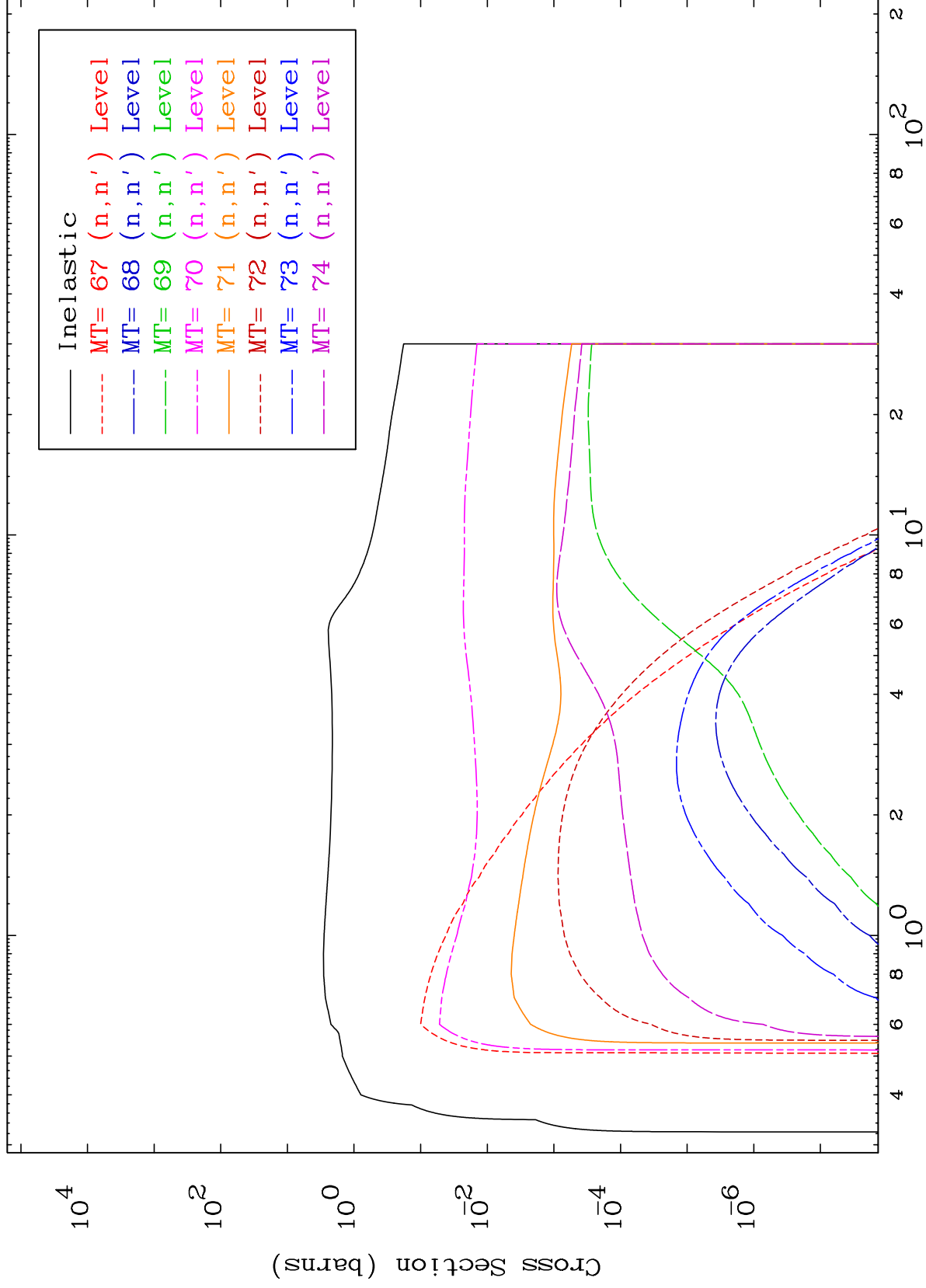
293 Kelvin Cross Sections



MAT 6940

(n,n') Levels
293 Kelvin Cross Sections

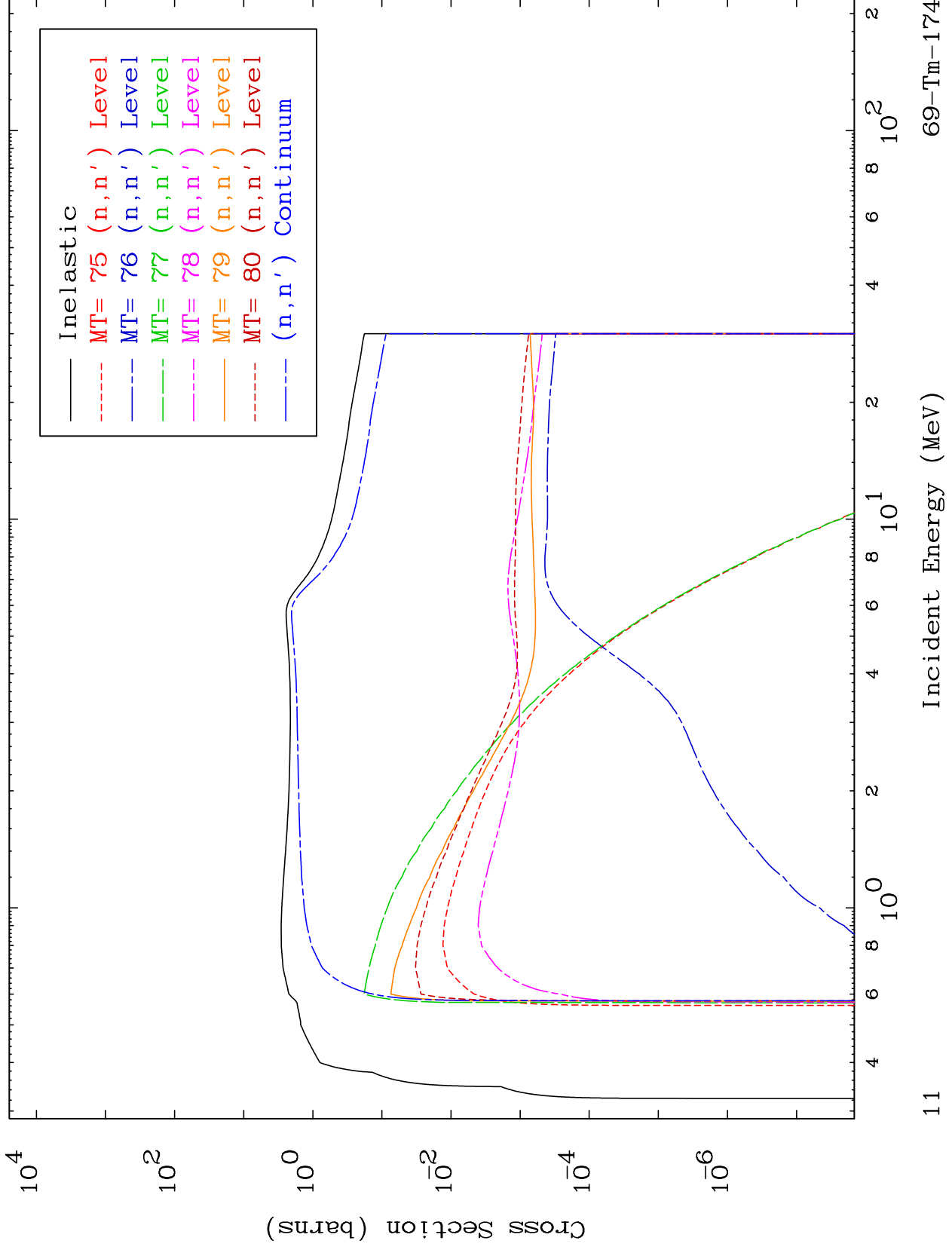
69-Tm-174



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Incident Energy (MeV)

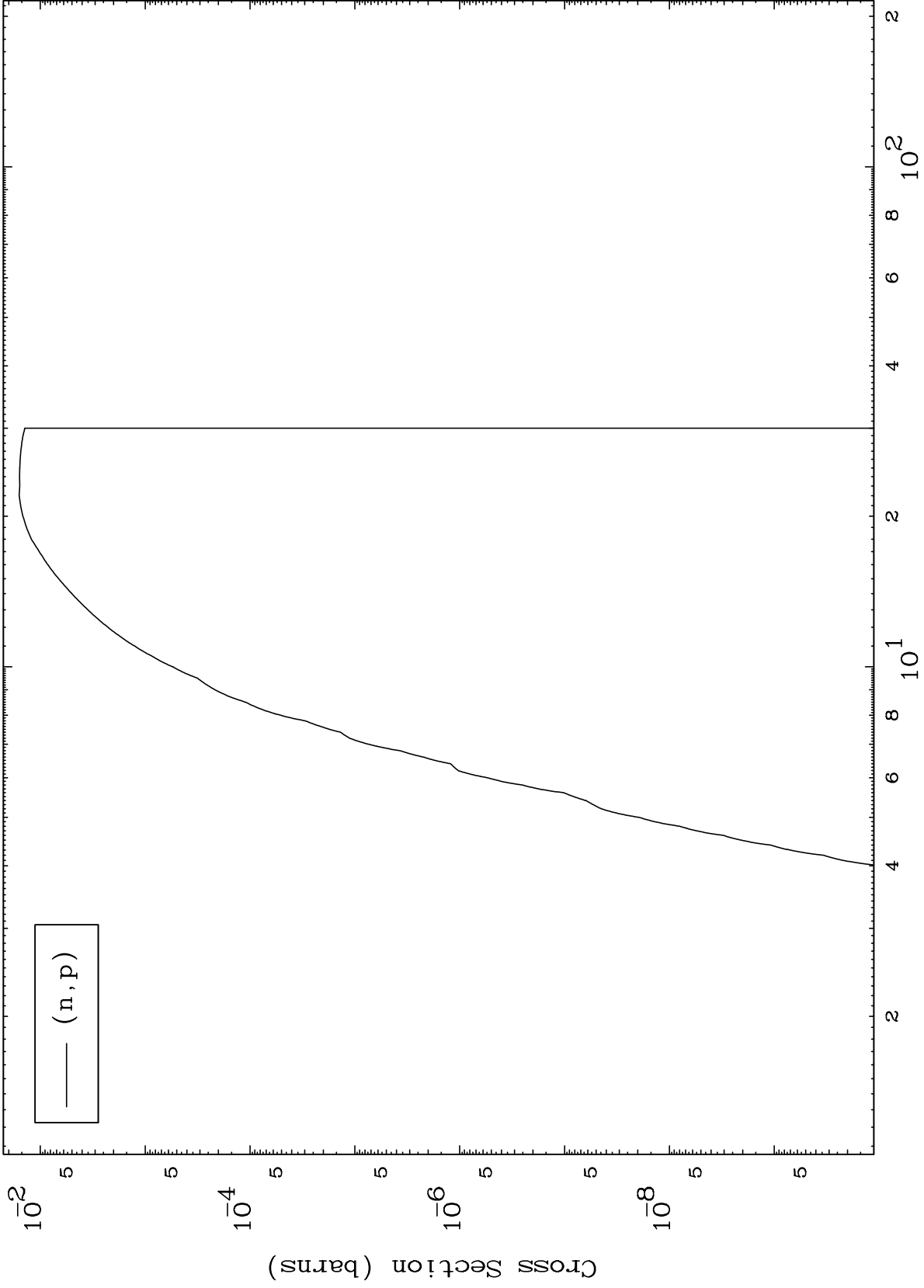
69-Tm-174



MAT 6940

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-174



12

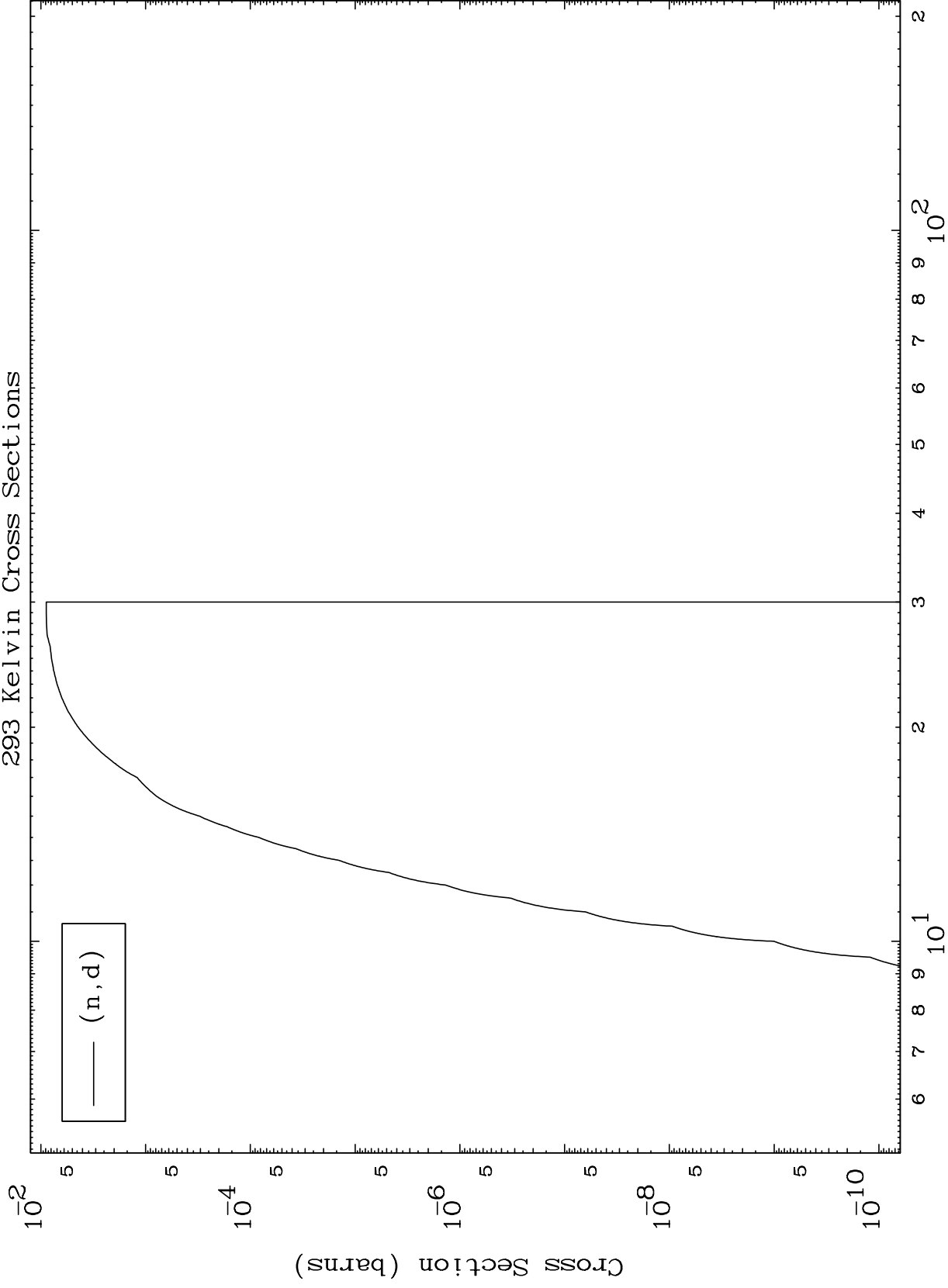
Incident Energy (MeV)

69-Tm-174

MAT 6940

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-174



13

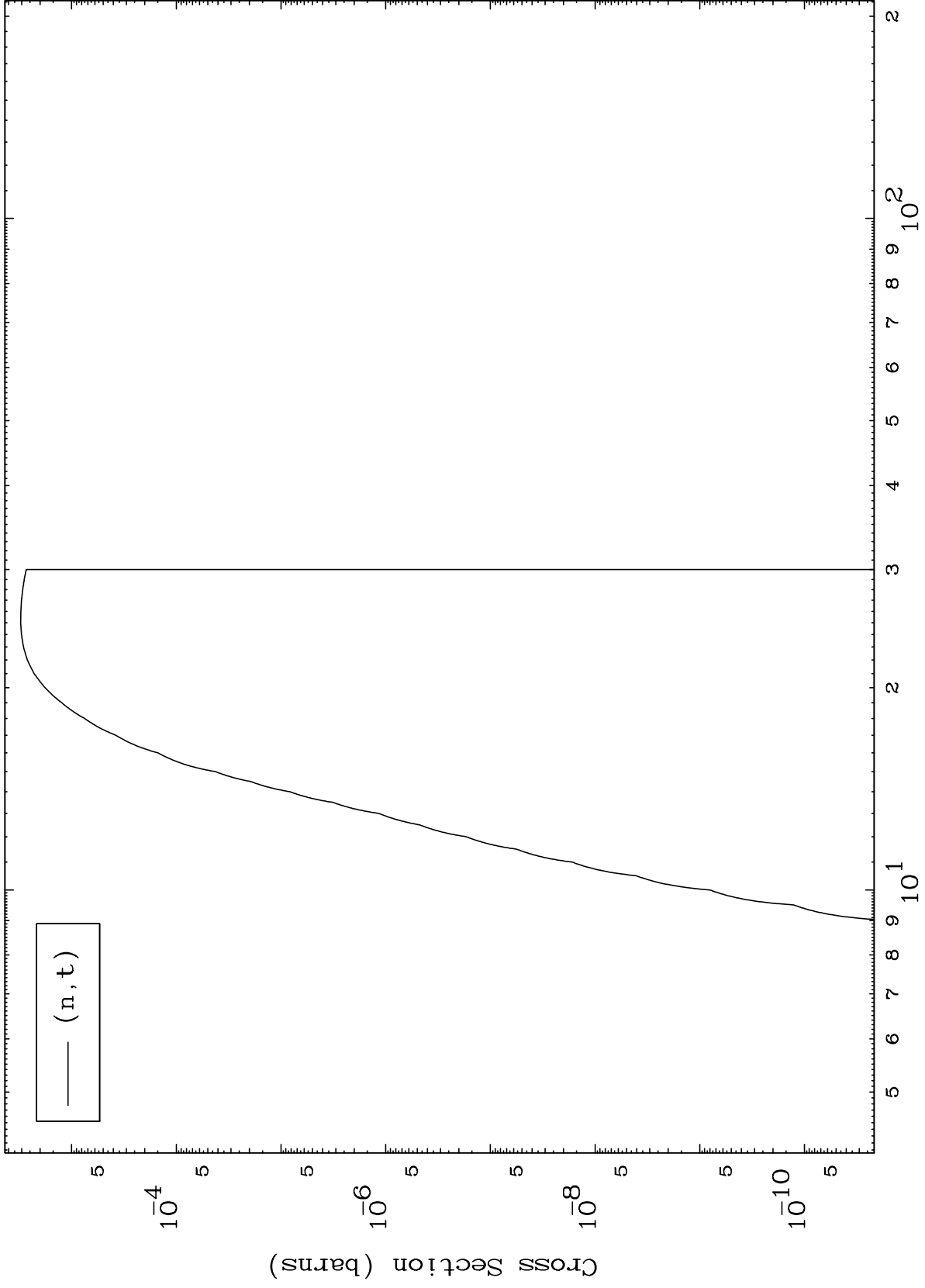
Incident Energy (MeV)

69-Tm-174

MAT 6940

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-174



14

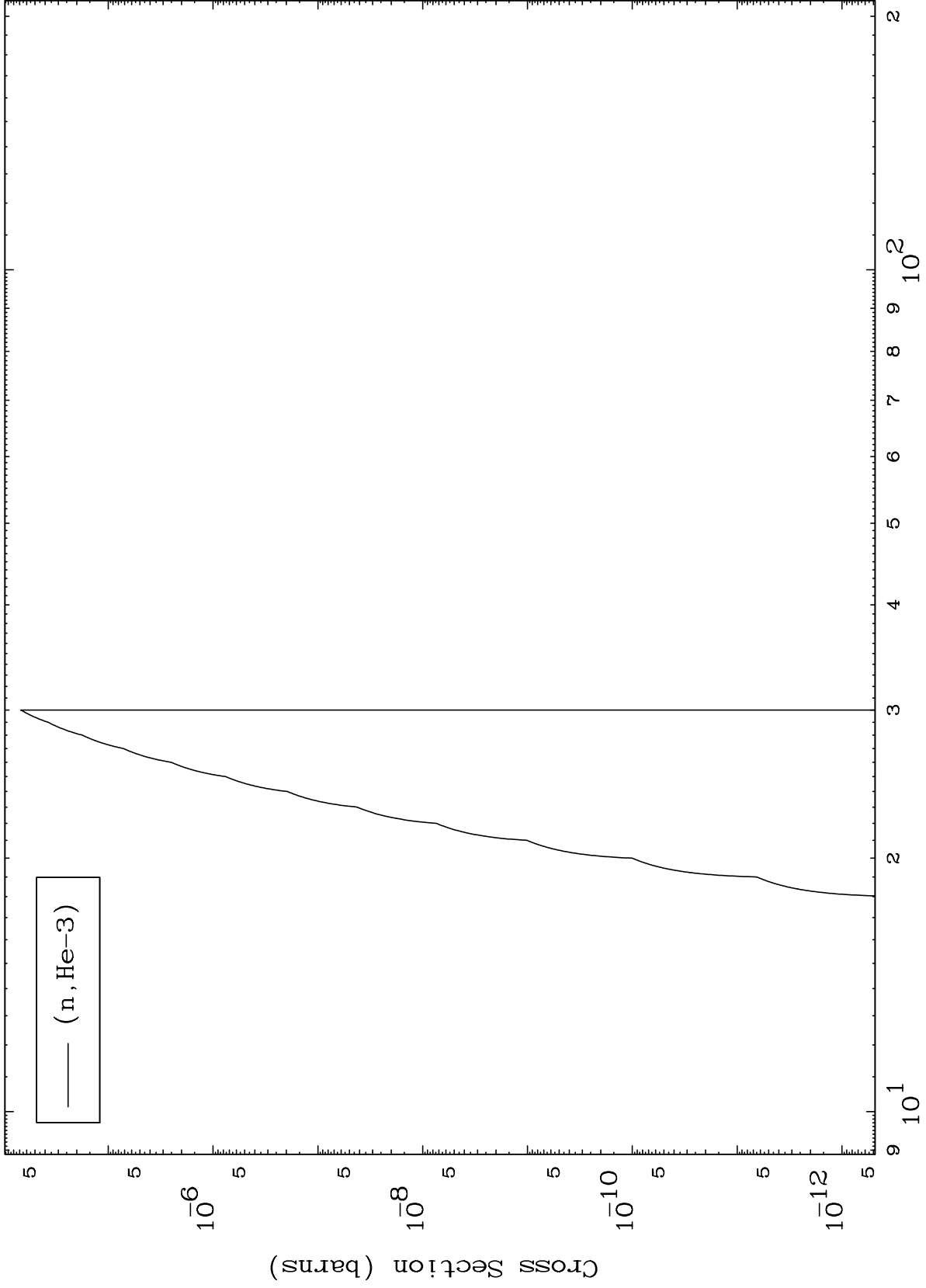
Incident Energy (MeV)

69-Tm-174

MAT 6940

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-174



15

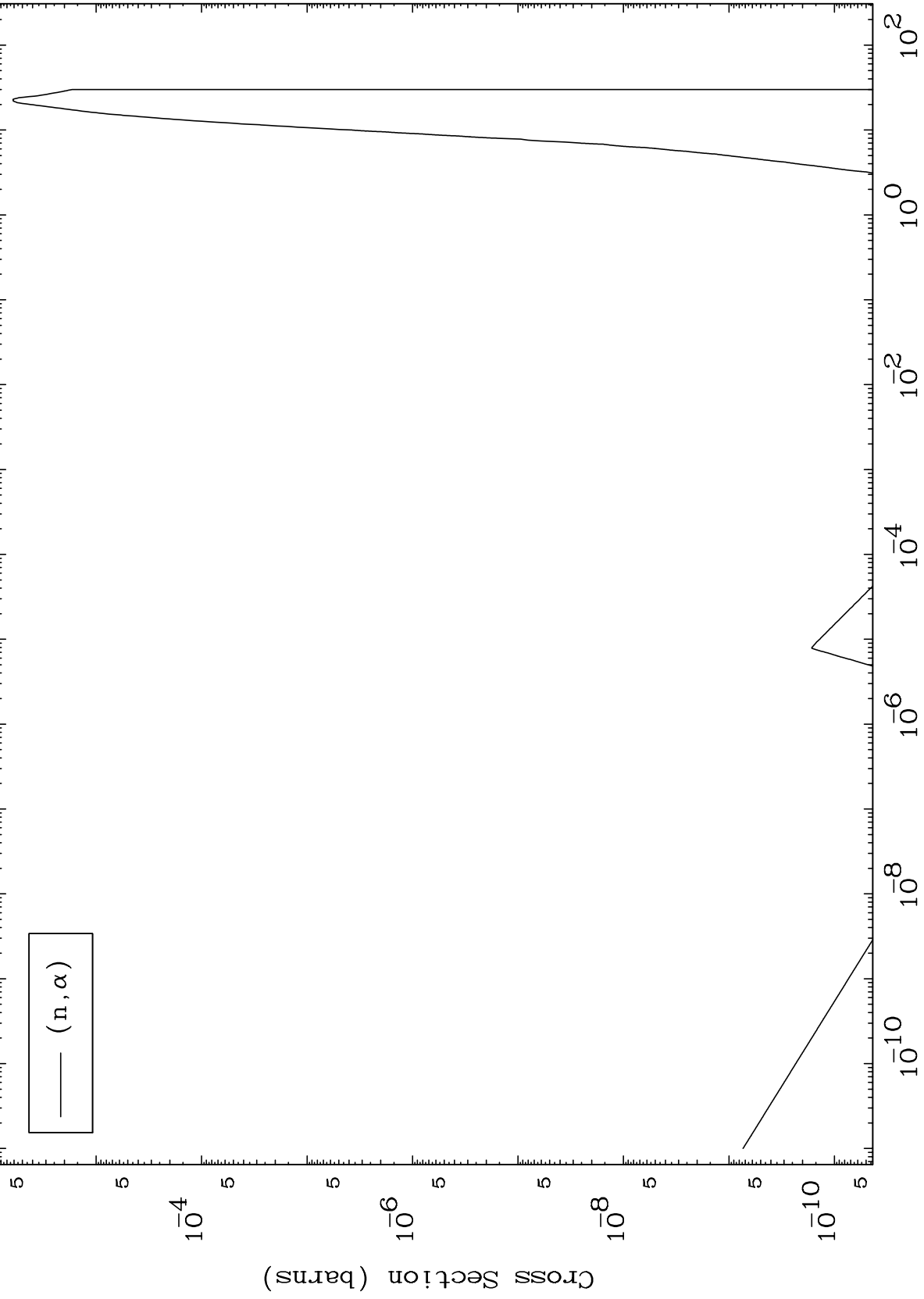
Incident Energy (MeV)

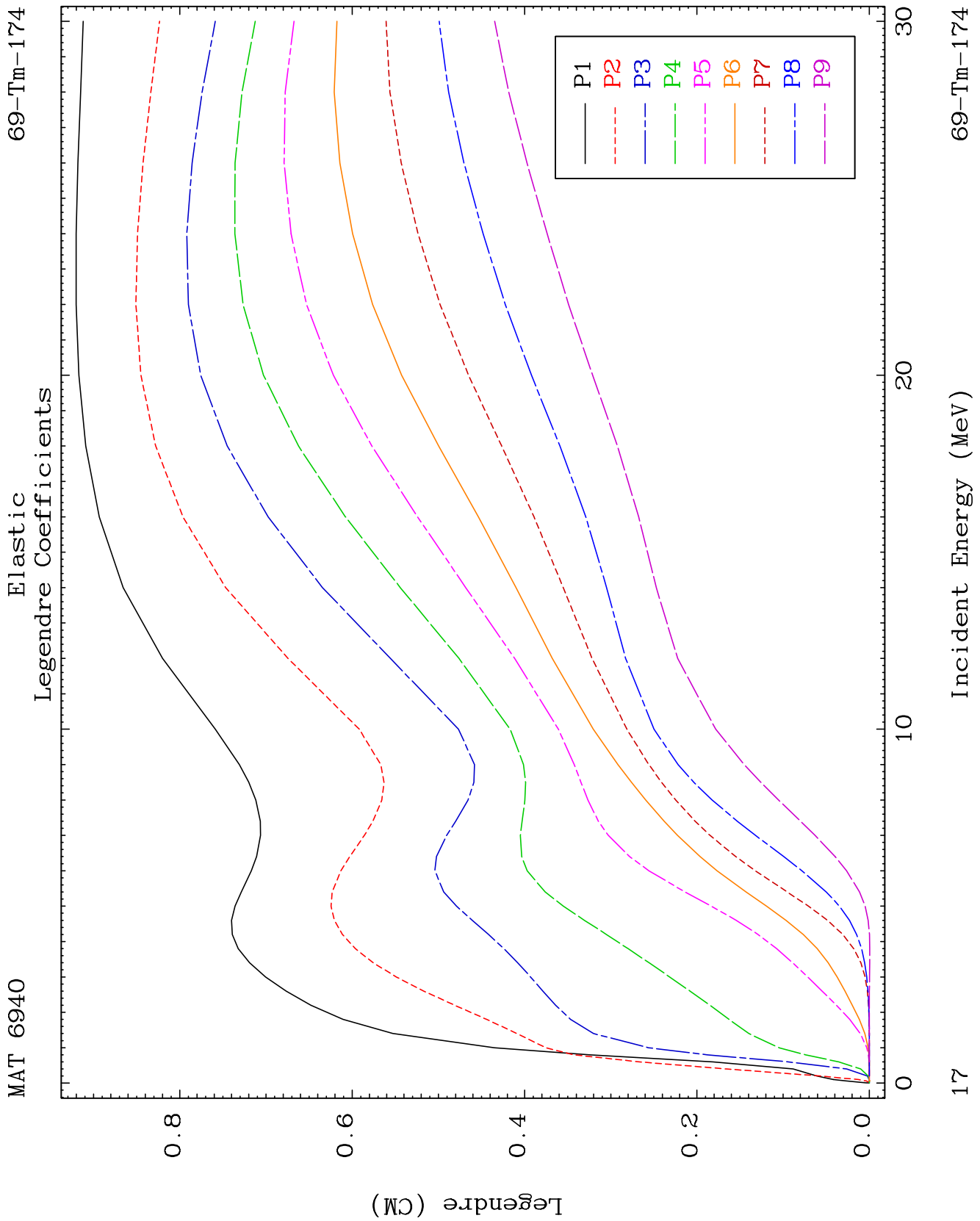
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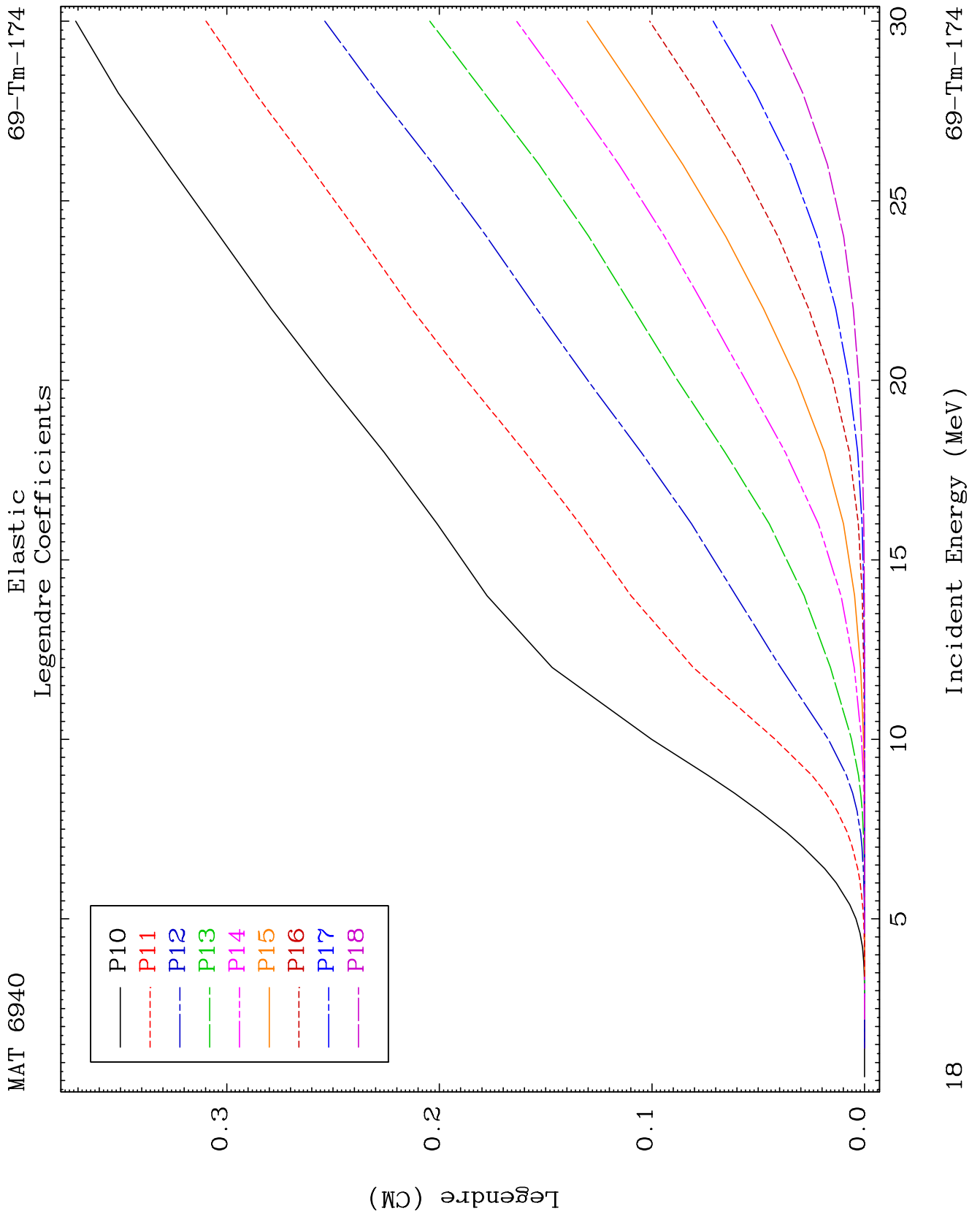
MAT 6940

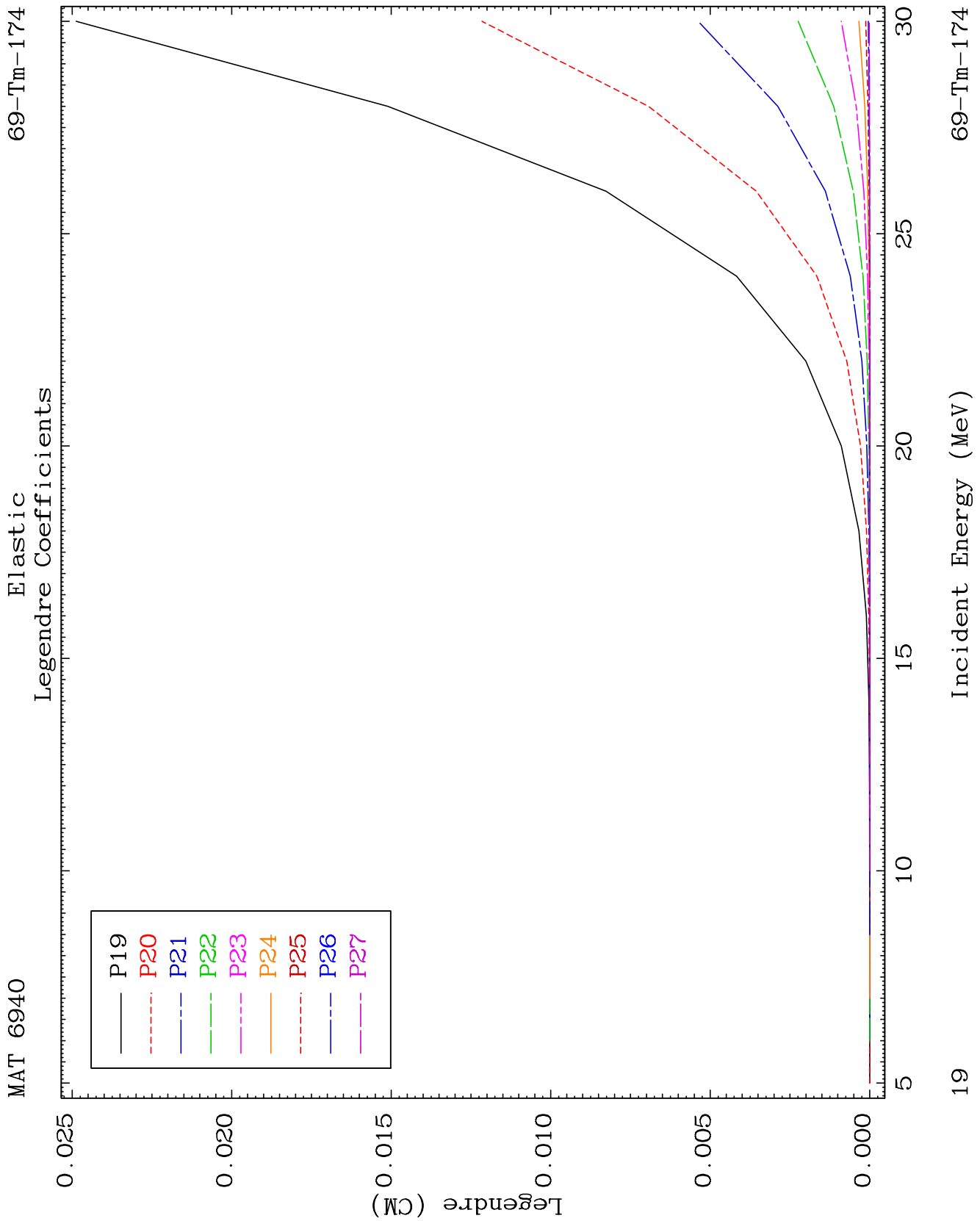
(n, α) Levels
293 Kelvin Cross Sections

69-Tm-174





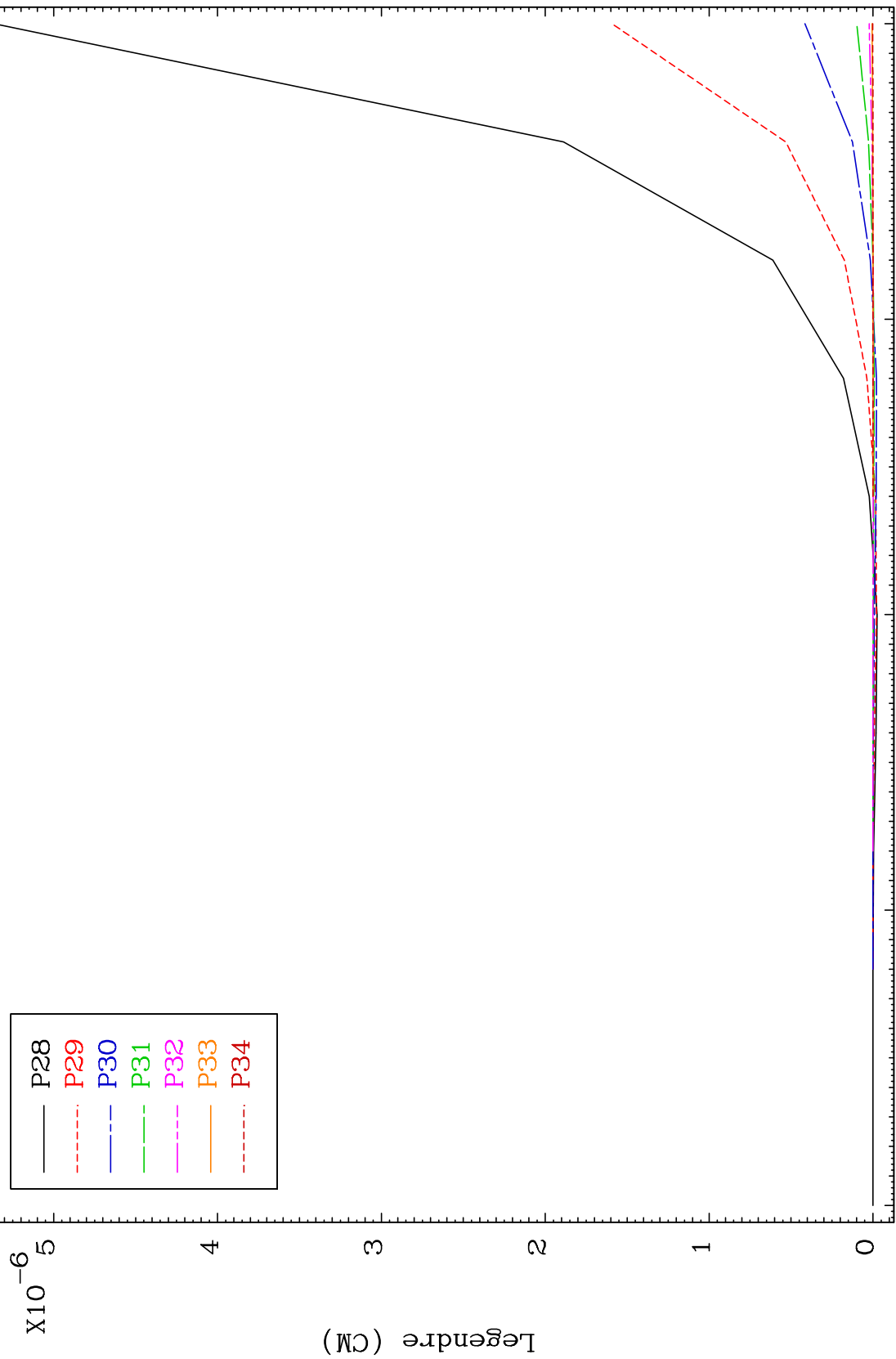
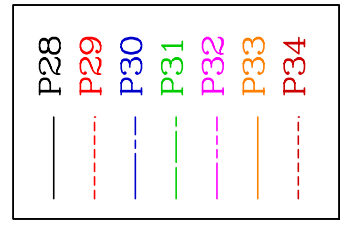




MAT 6940

Elastic Legendre Coefficients

69-Tm-174



69-Tm-174

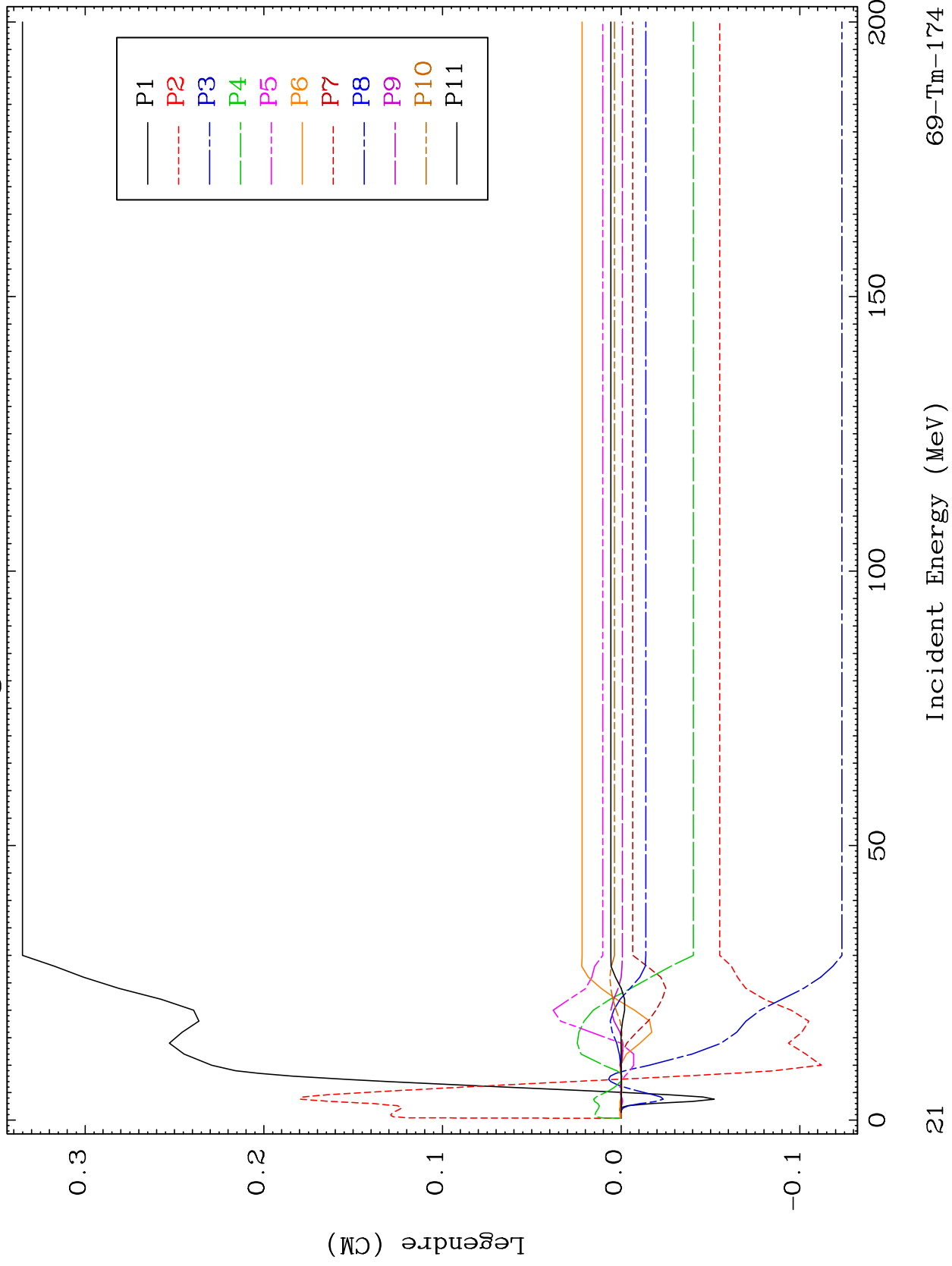
Incident Energy (MeV)

20

MAT 6940

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

69-Tm-174



21

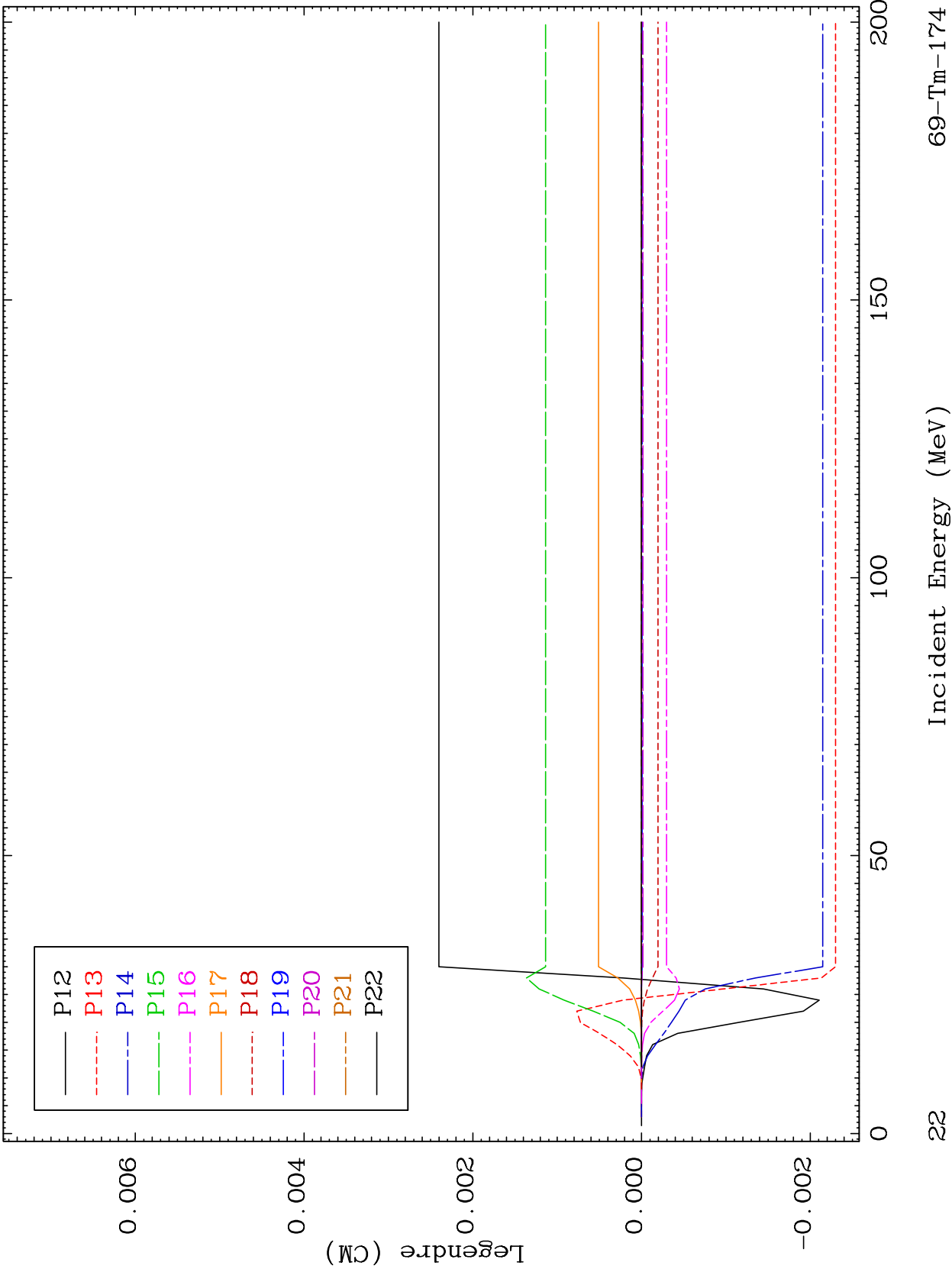
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



22

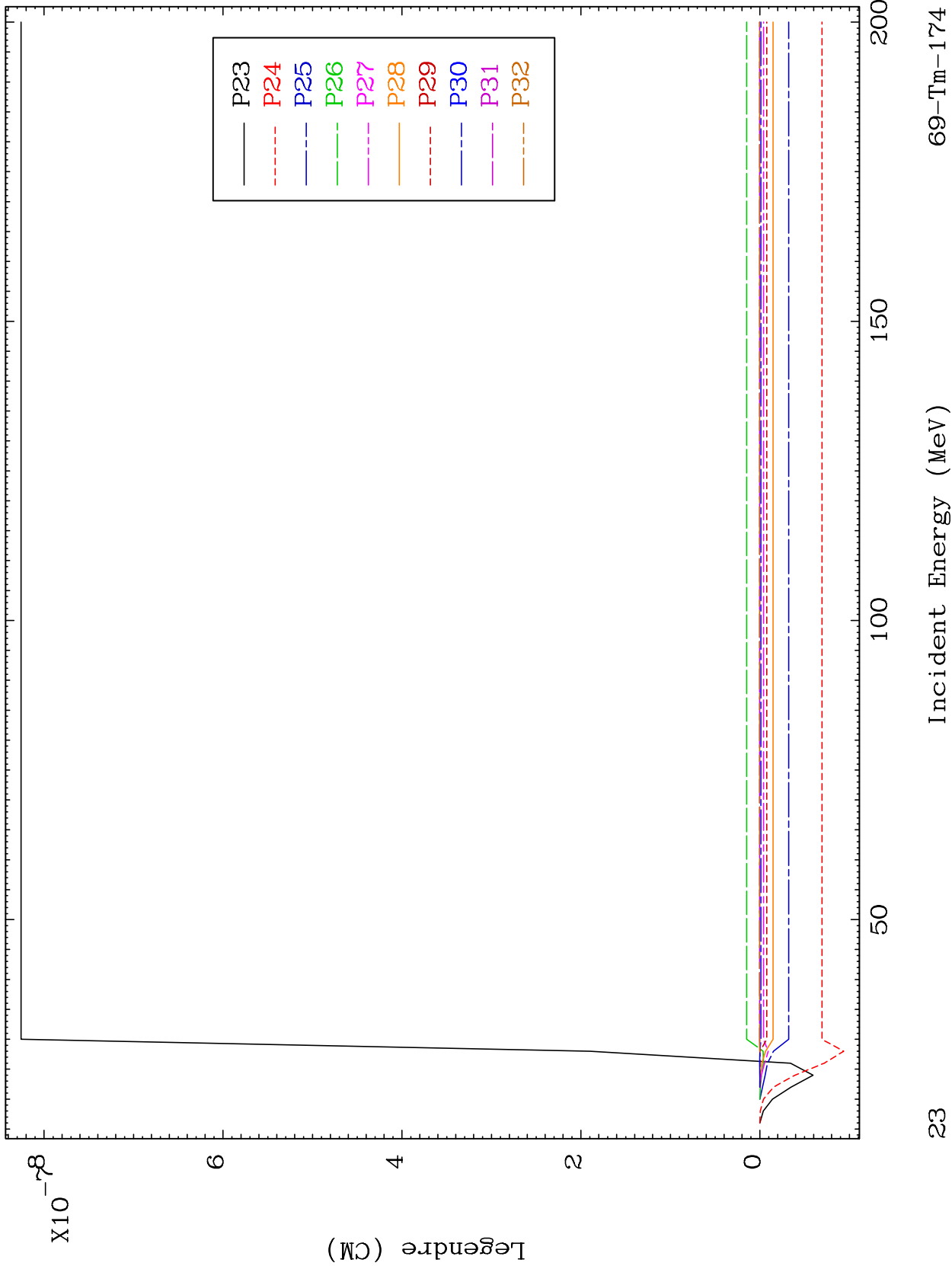
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



23

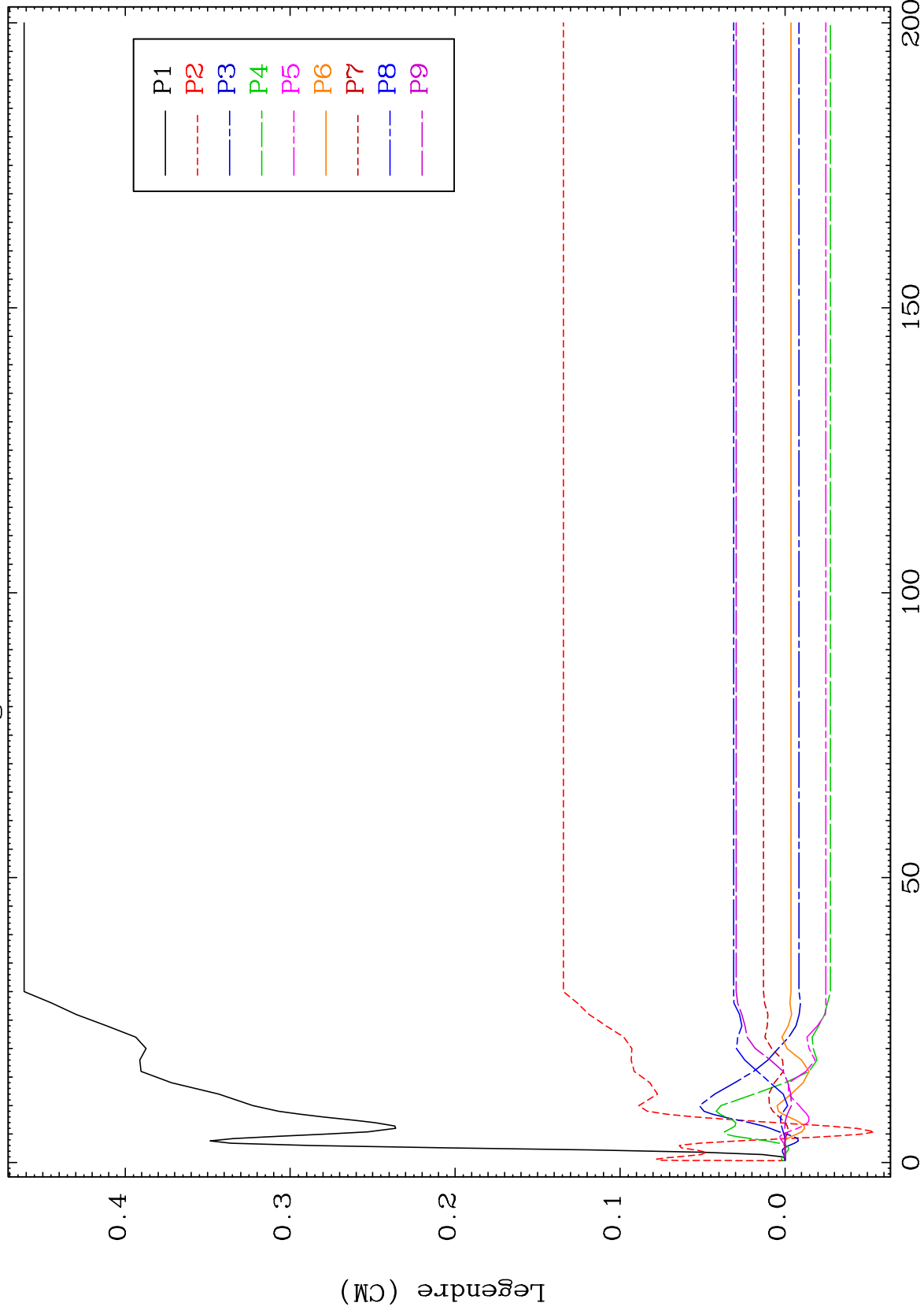
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



24

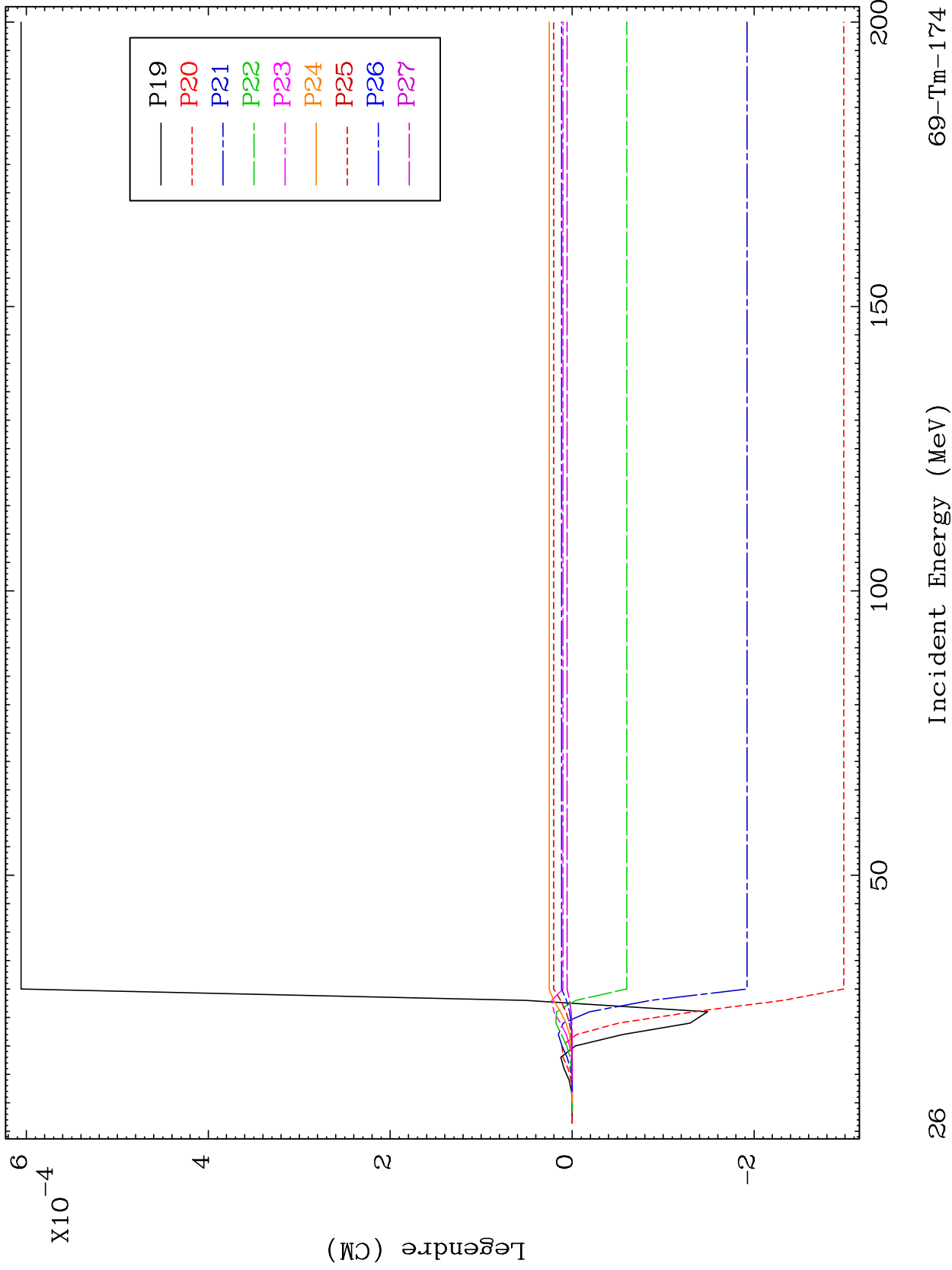
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

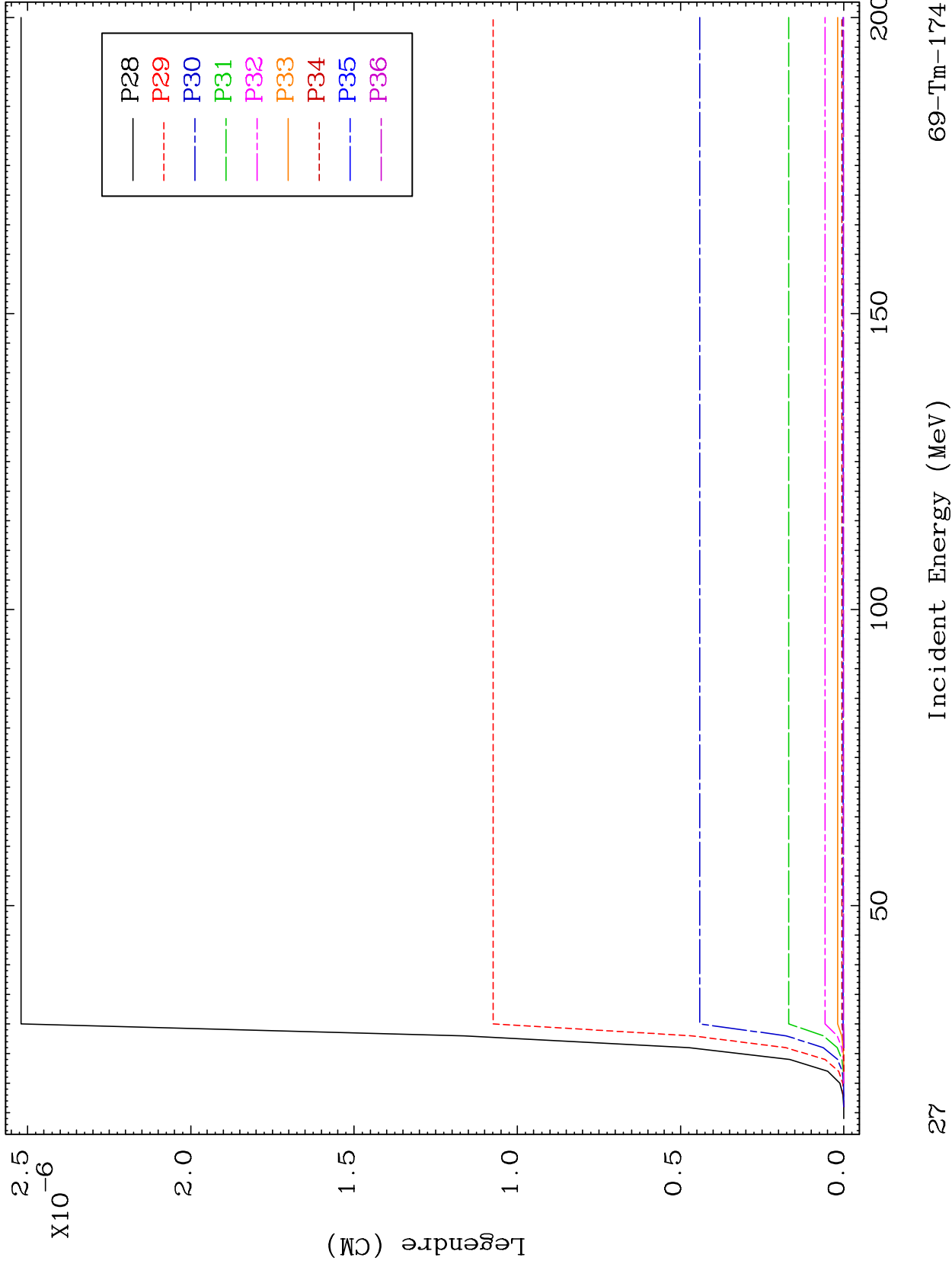
69-Tm-174



26

Incident Energy (MeV)

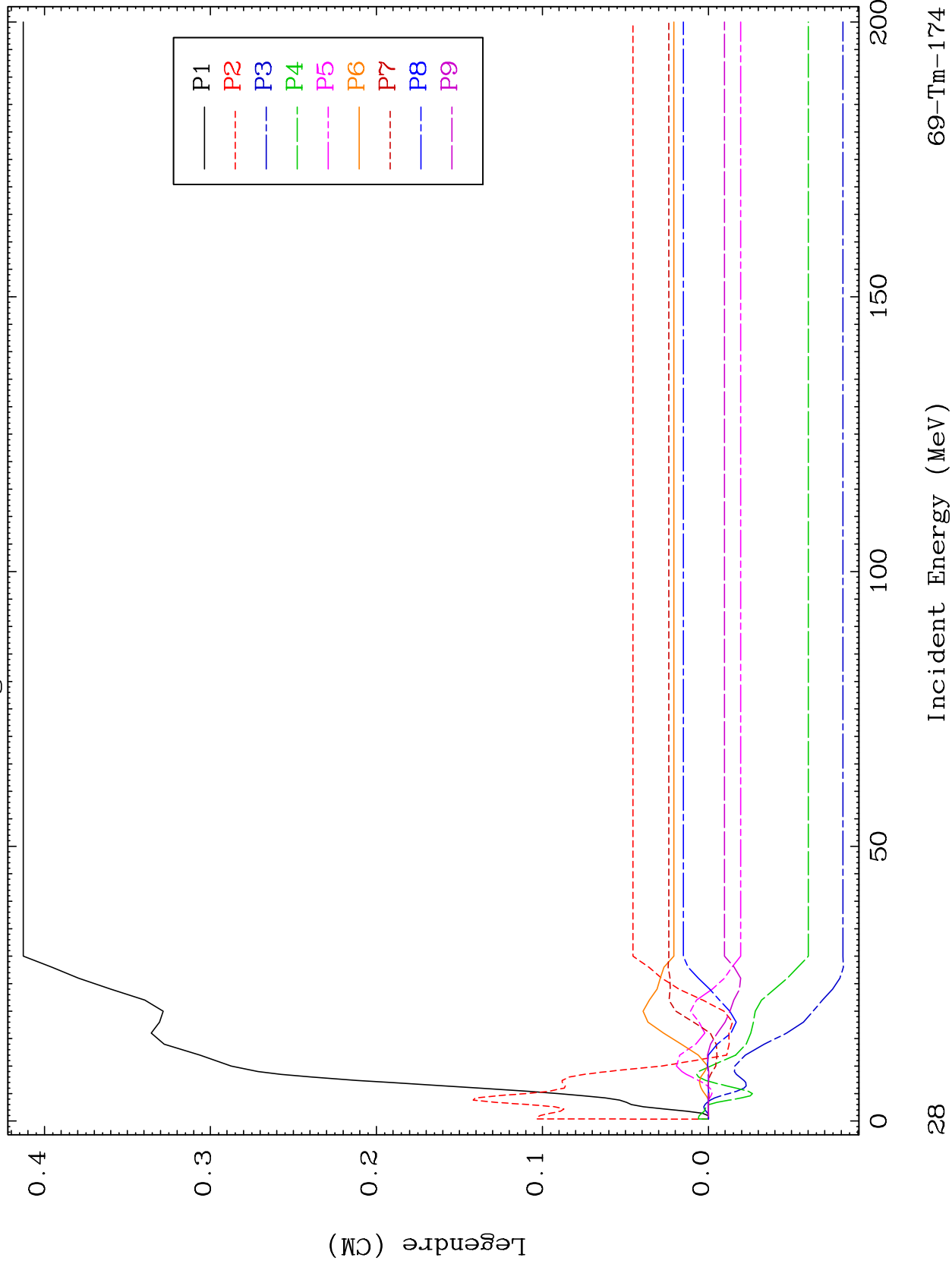
69-Tm-174



MAT 6940

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

69-Tm-174



69-Tm-174

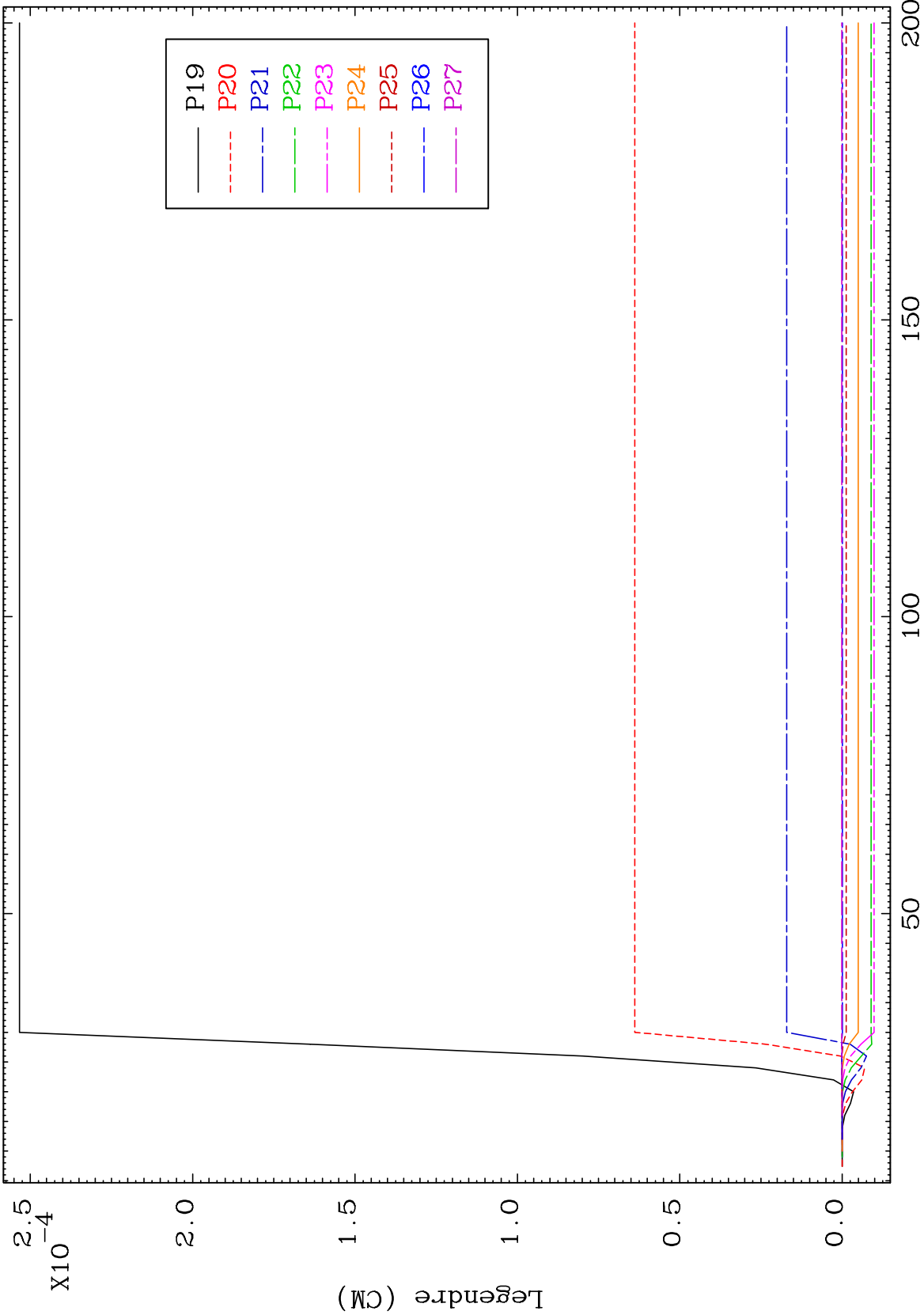
Incident Energy (MeV)

28

MAT 6940

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

69-Tm-174



30

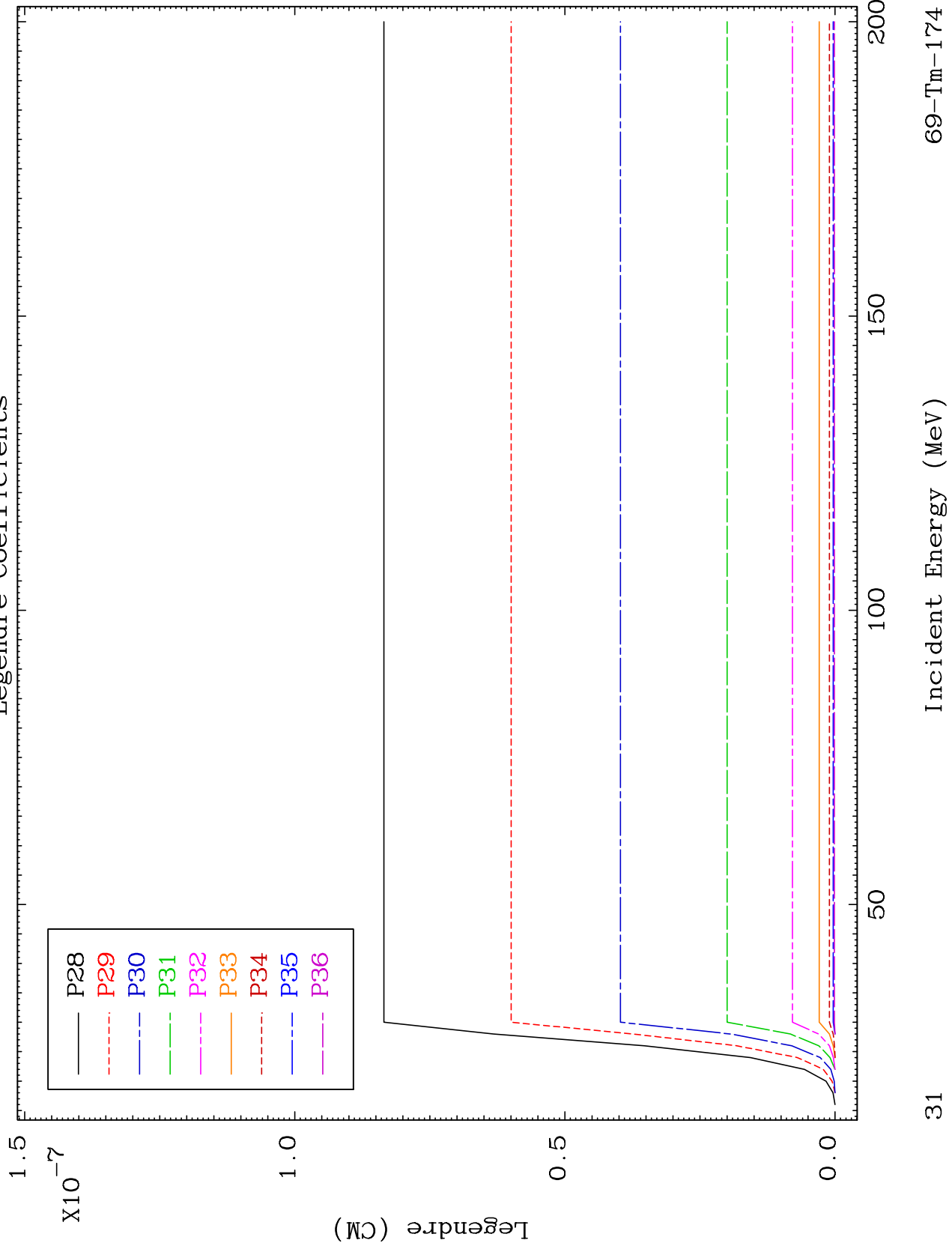
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

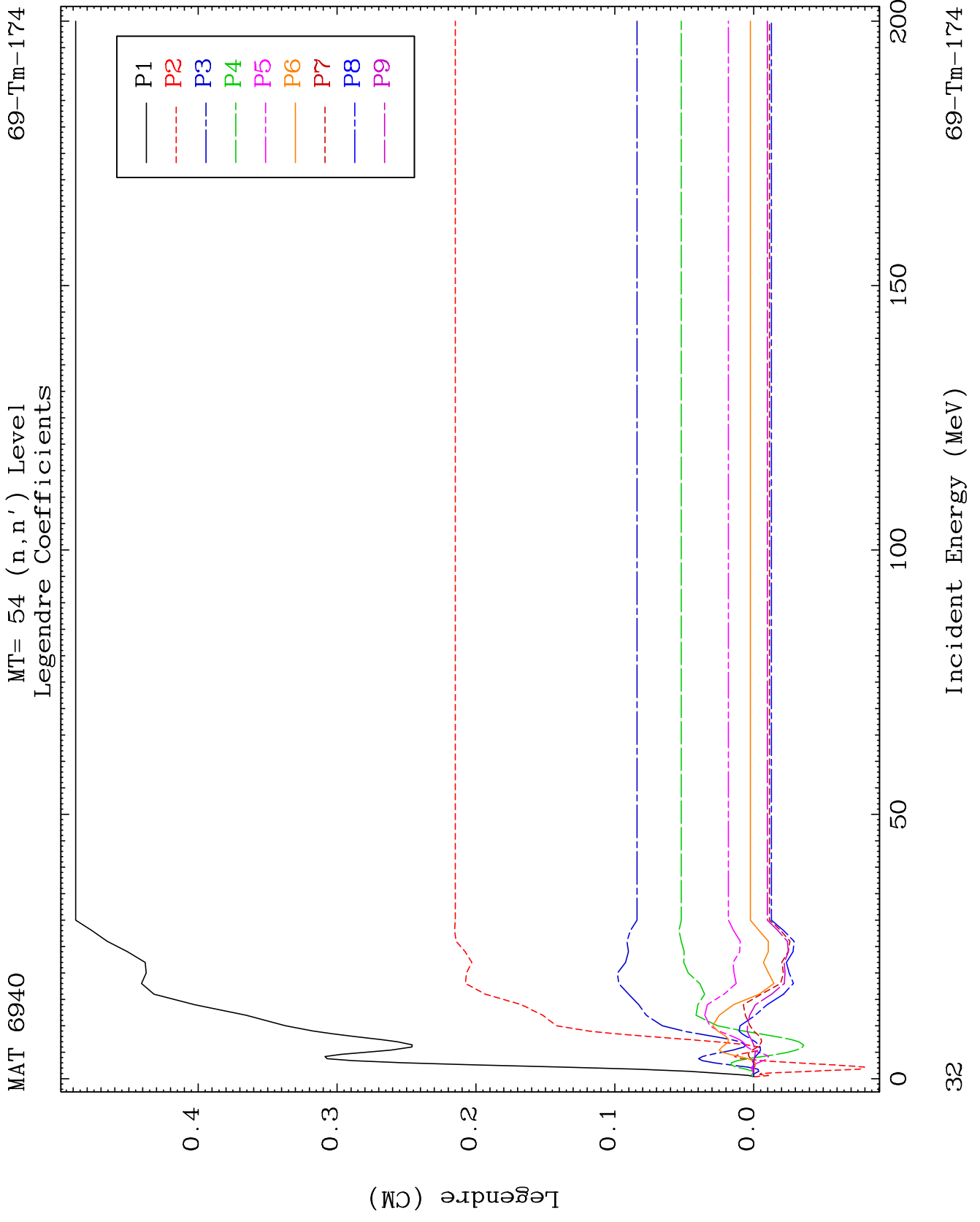
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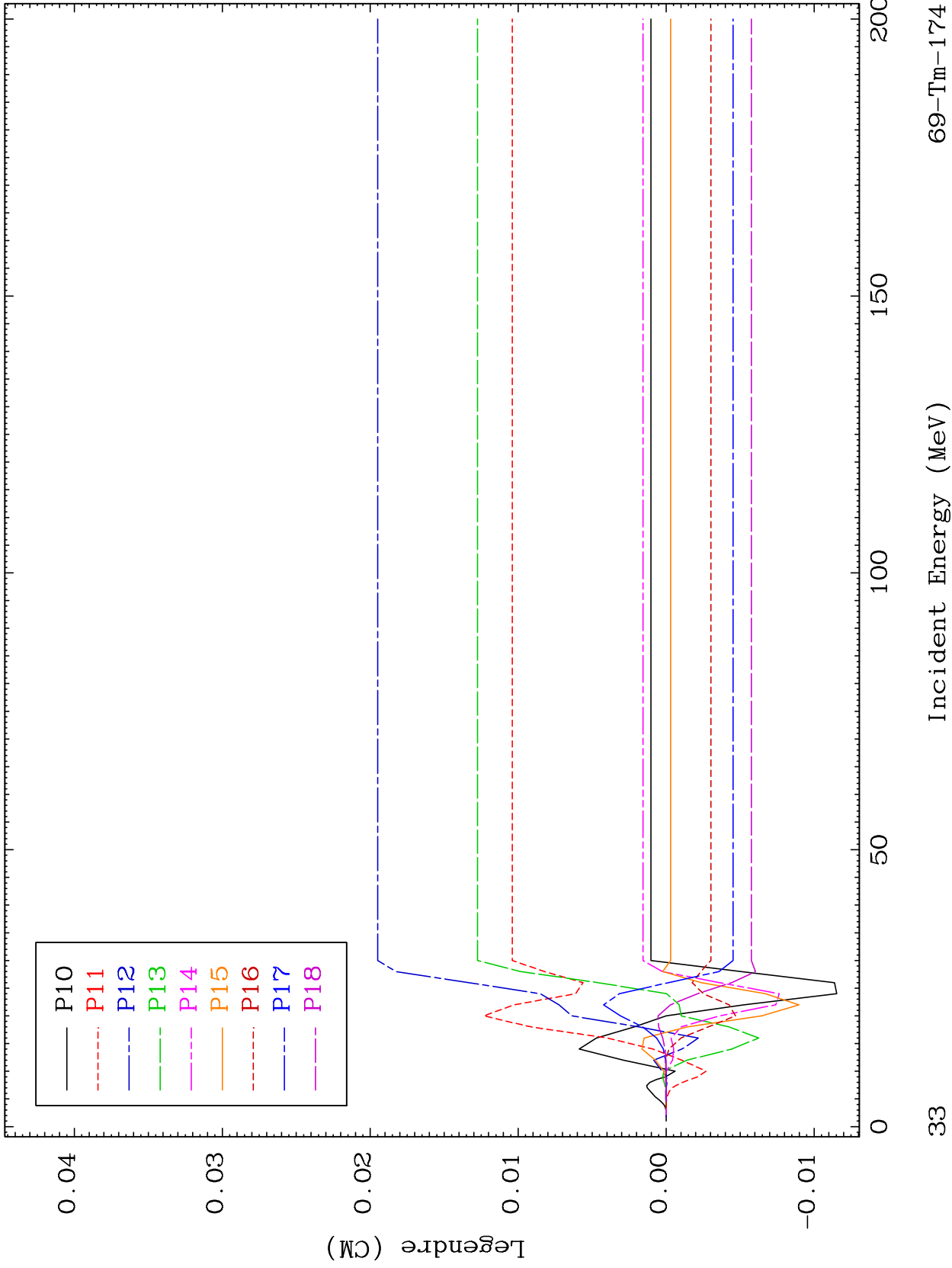


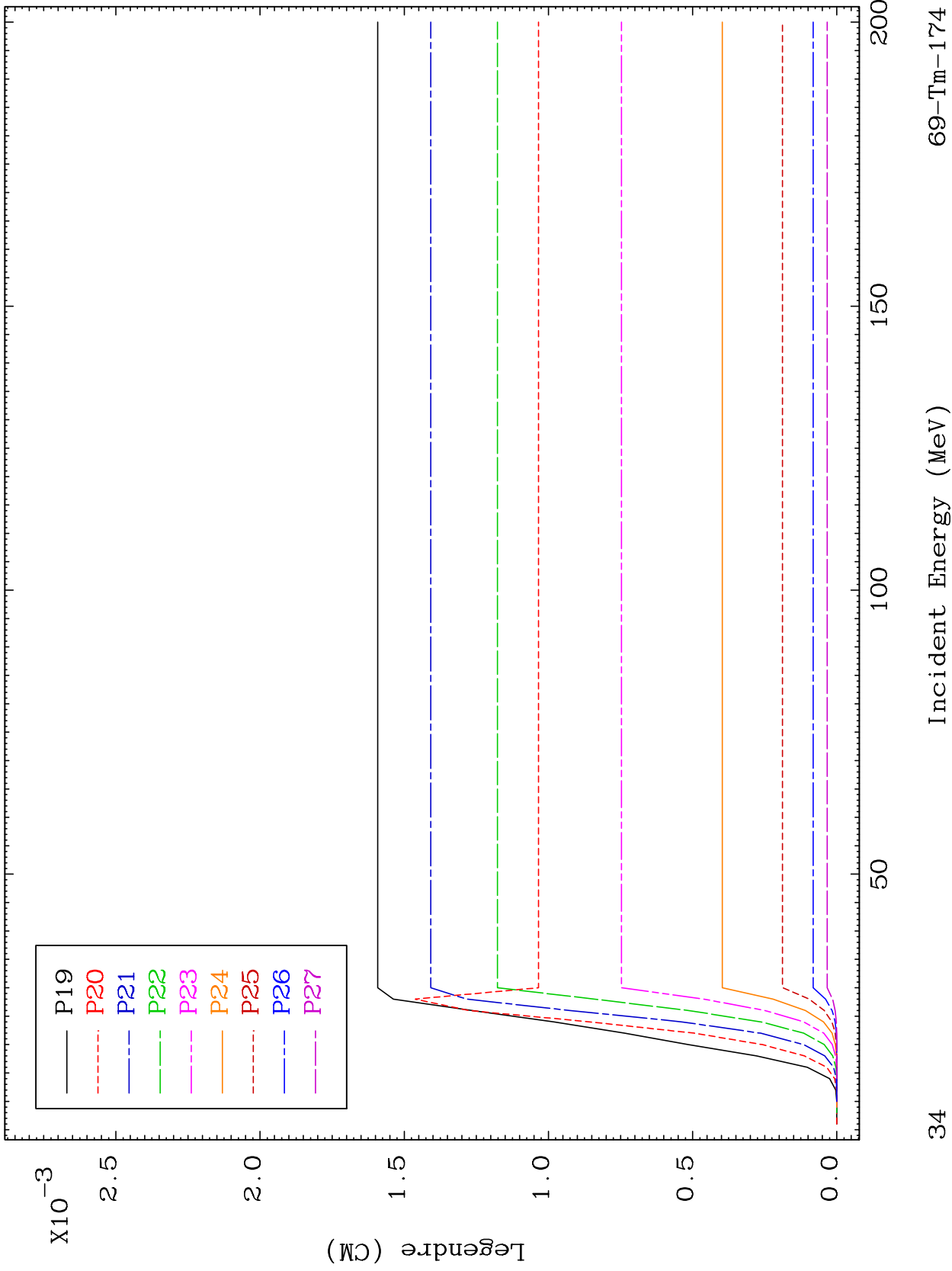
31

Incident Energy (MeV)

69-Tm-174



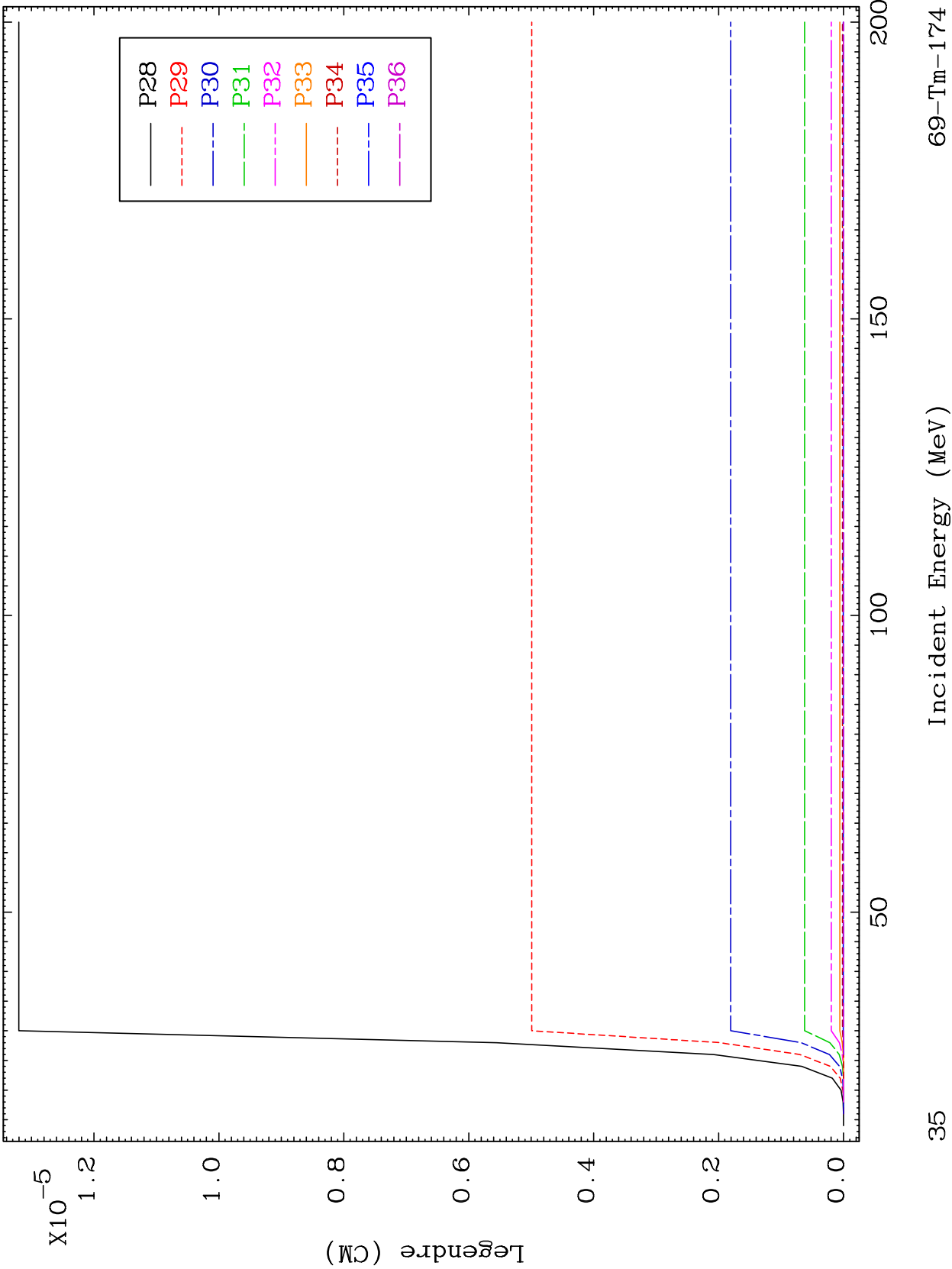




MAT 6940

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

69-Tm-174



35

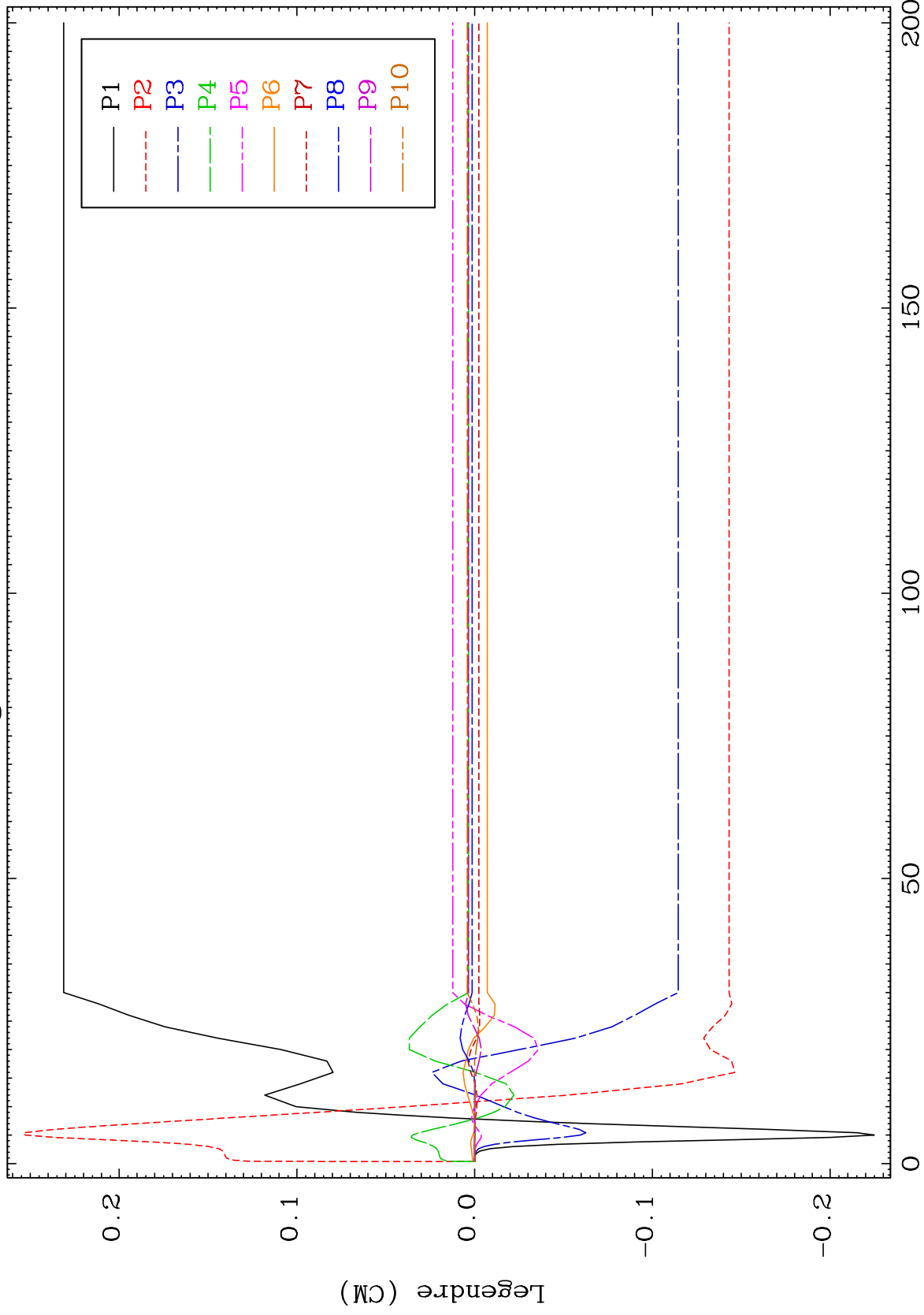
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



69-Tm-174

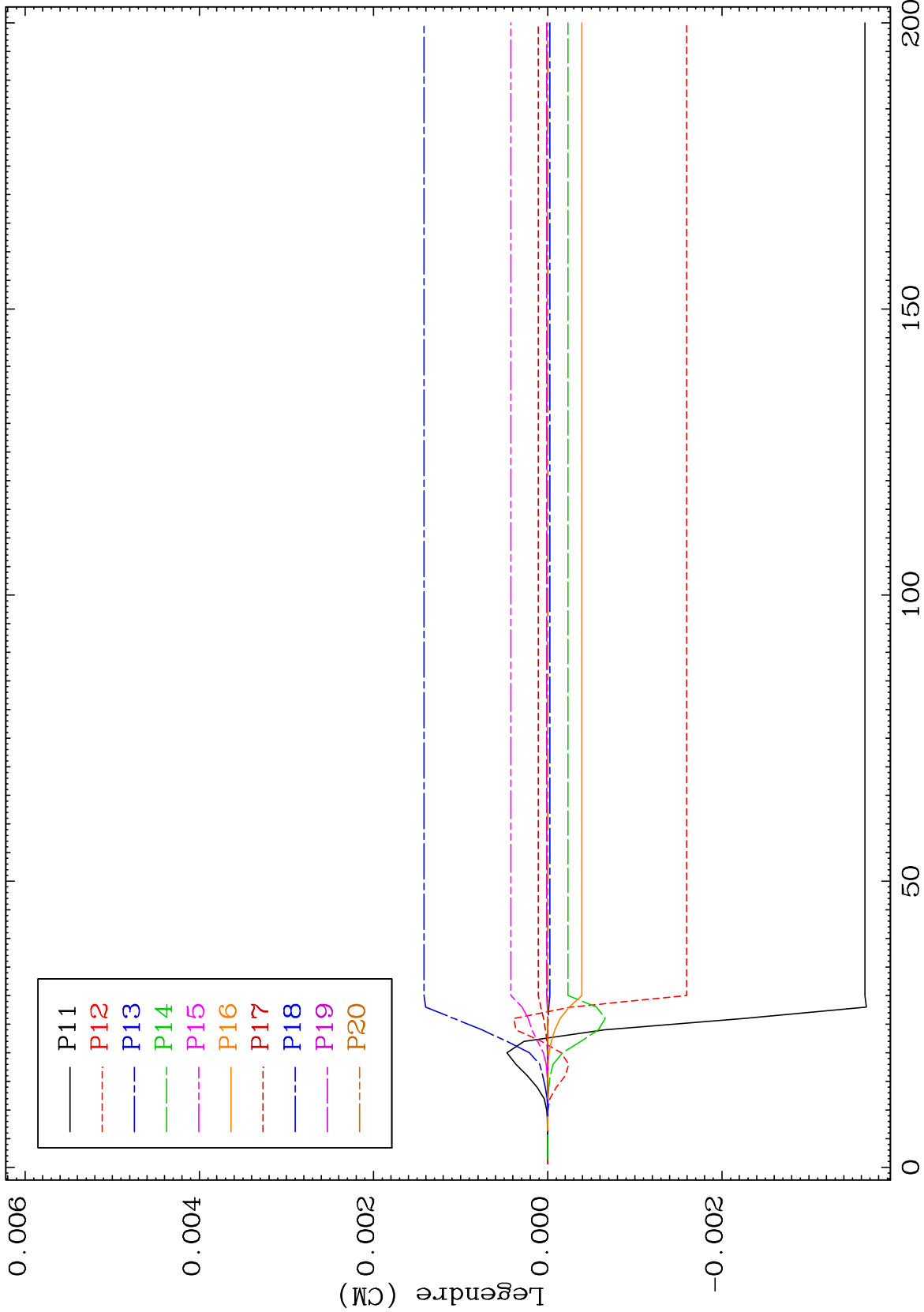
Incident Energy (MeV)

36

MAT 6940

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

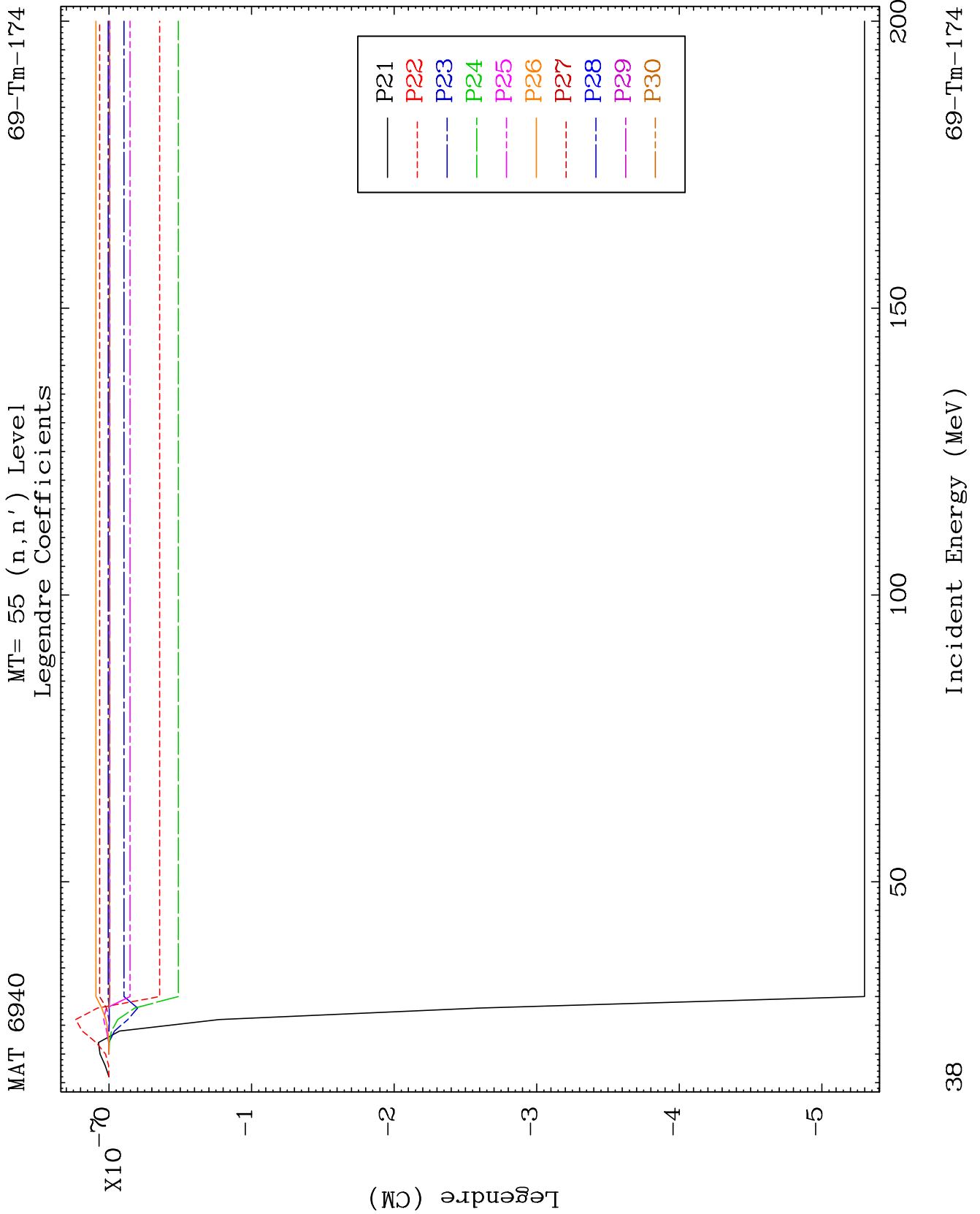
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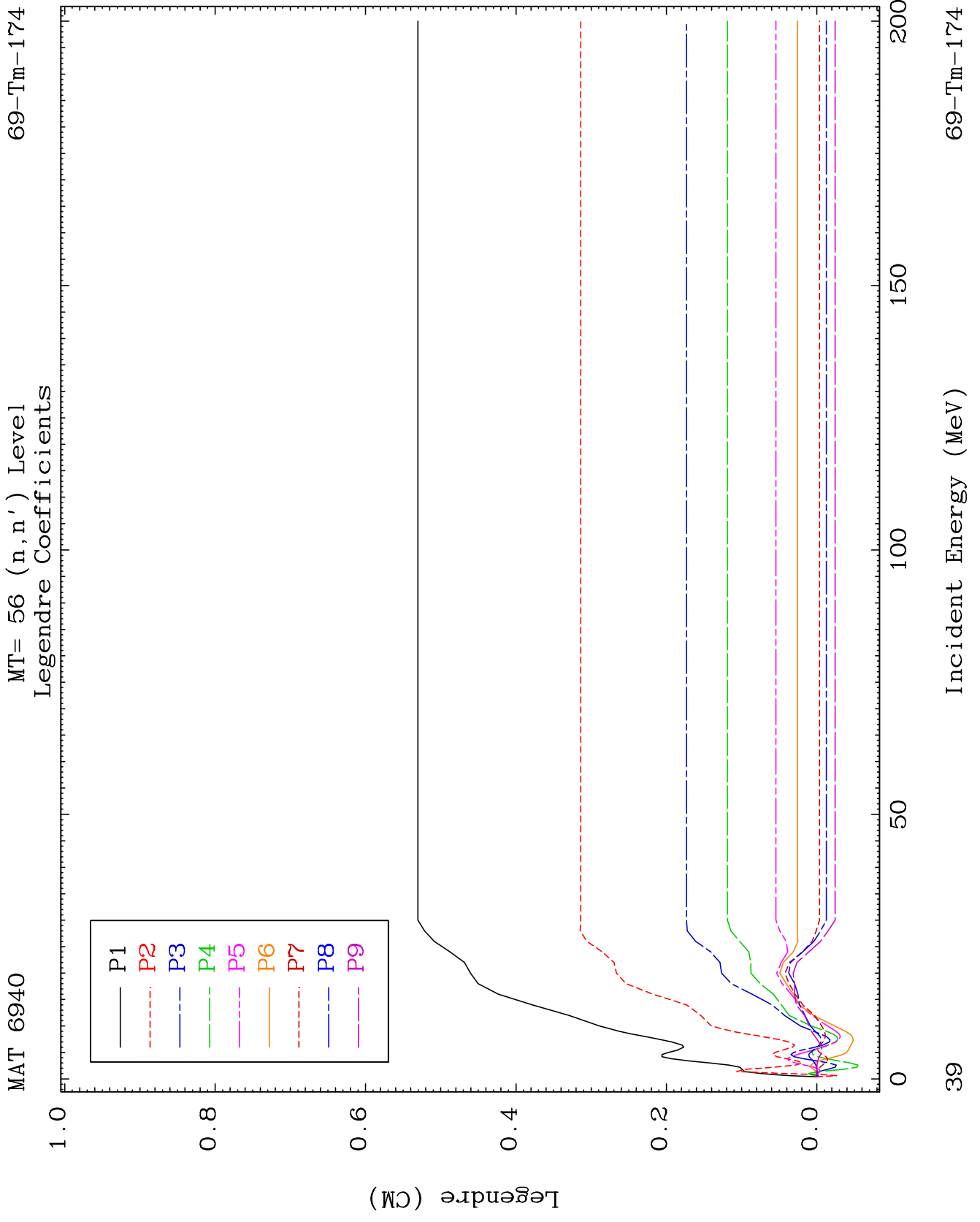


37

Incident Energy (MeV)

69-Tm-174

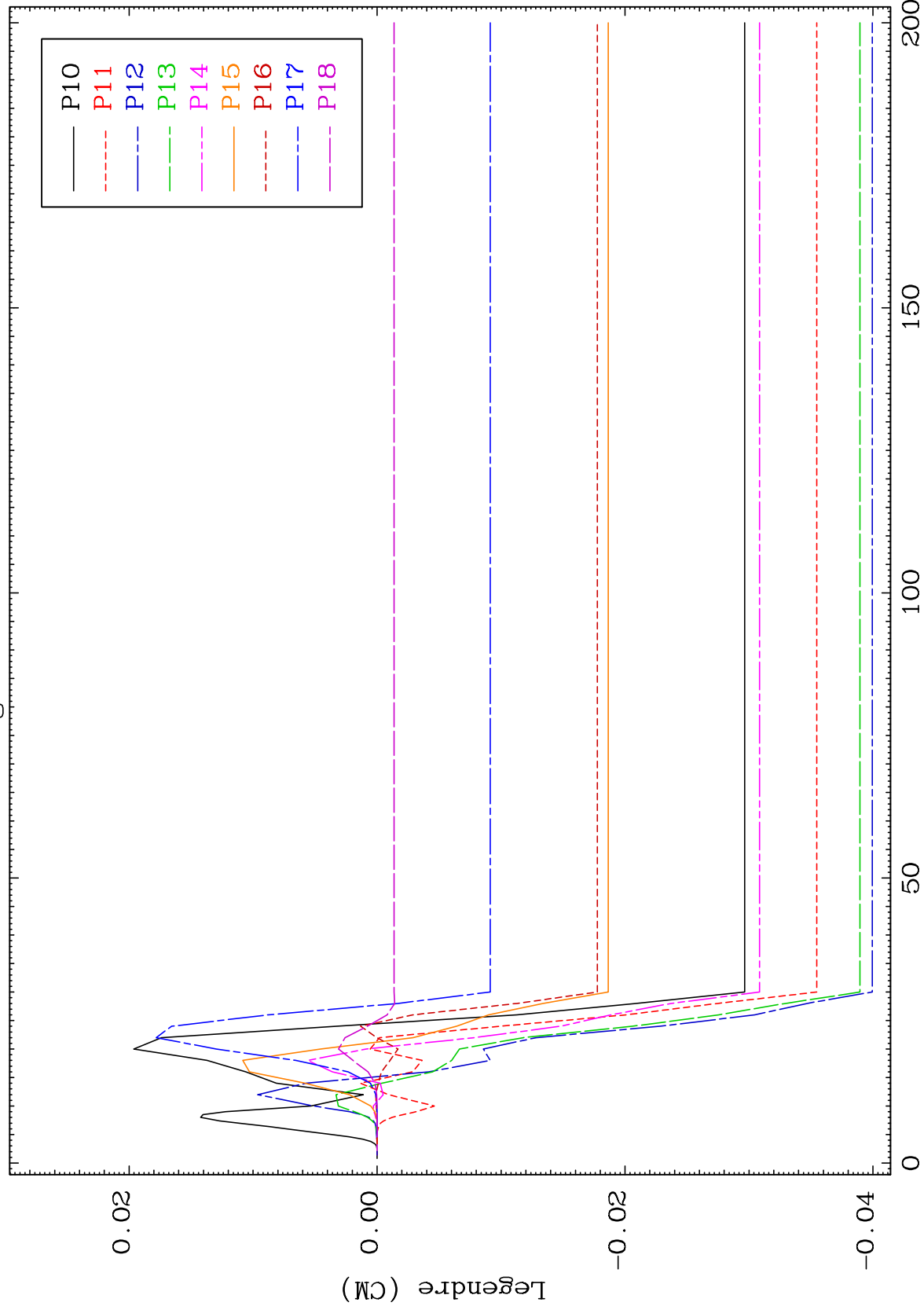




MAT 6940

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

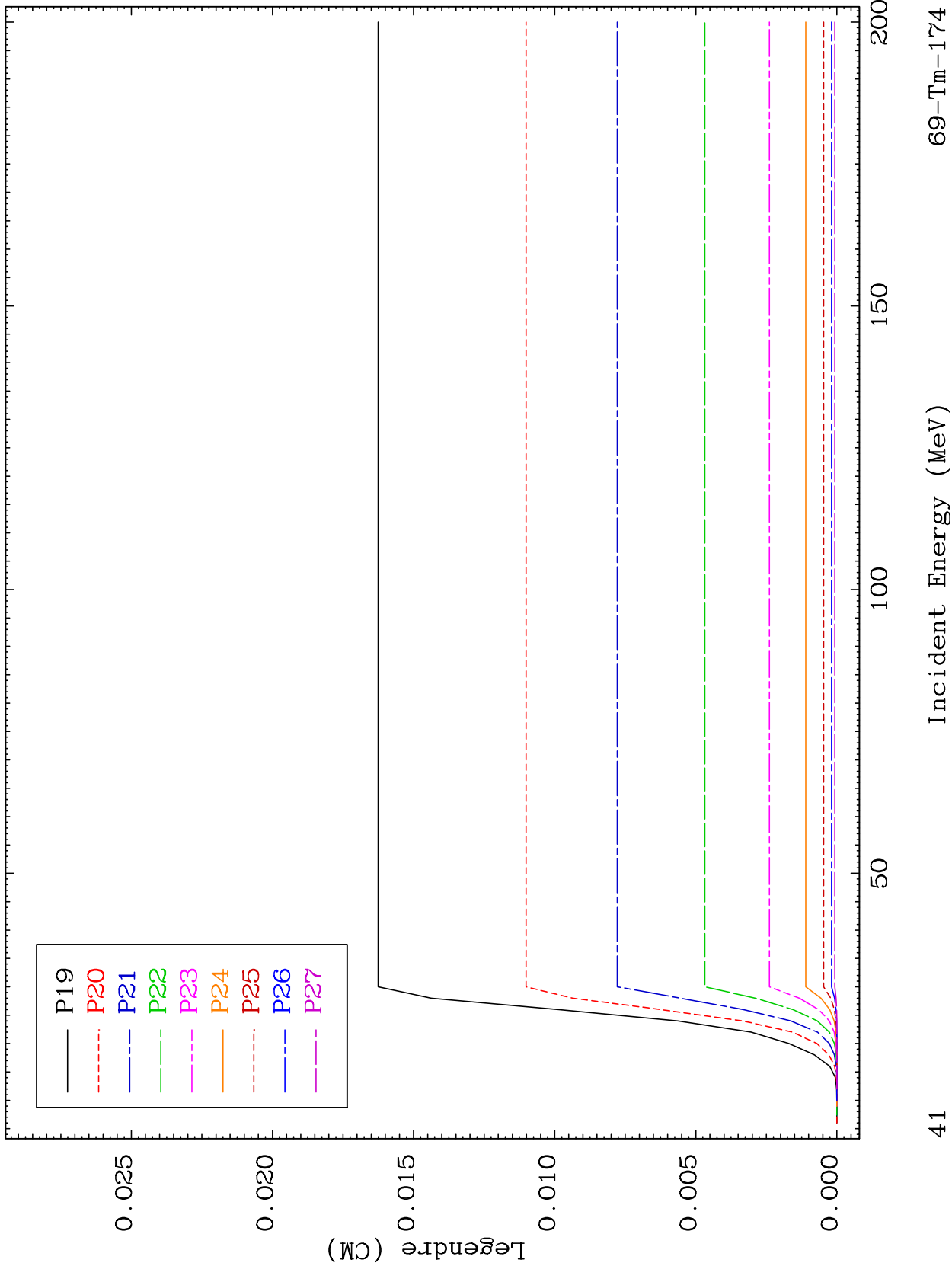
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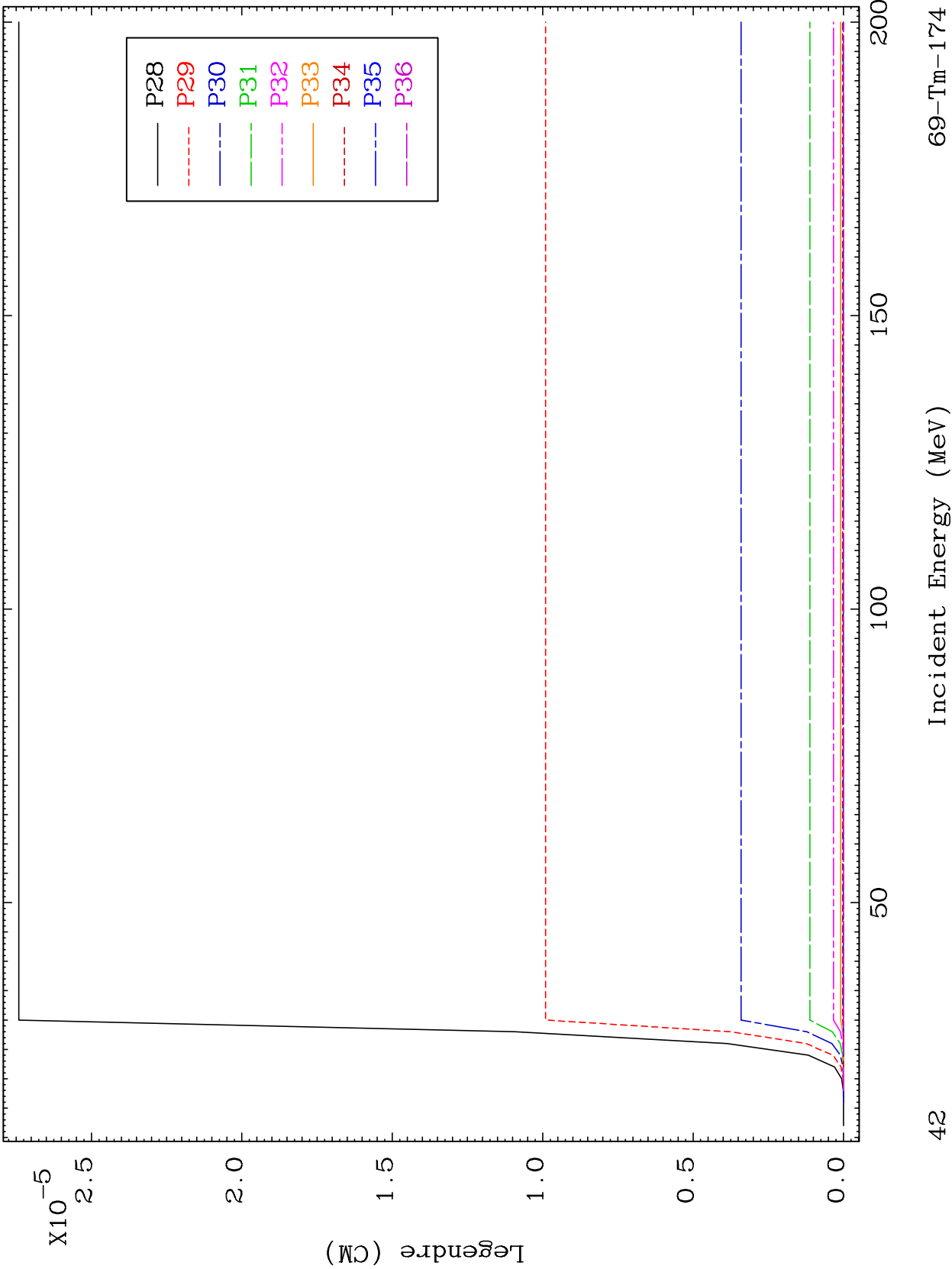


69-Tm-174

Incident Energy (MeV)

40

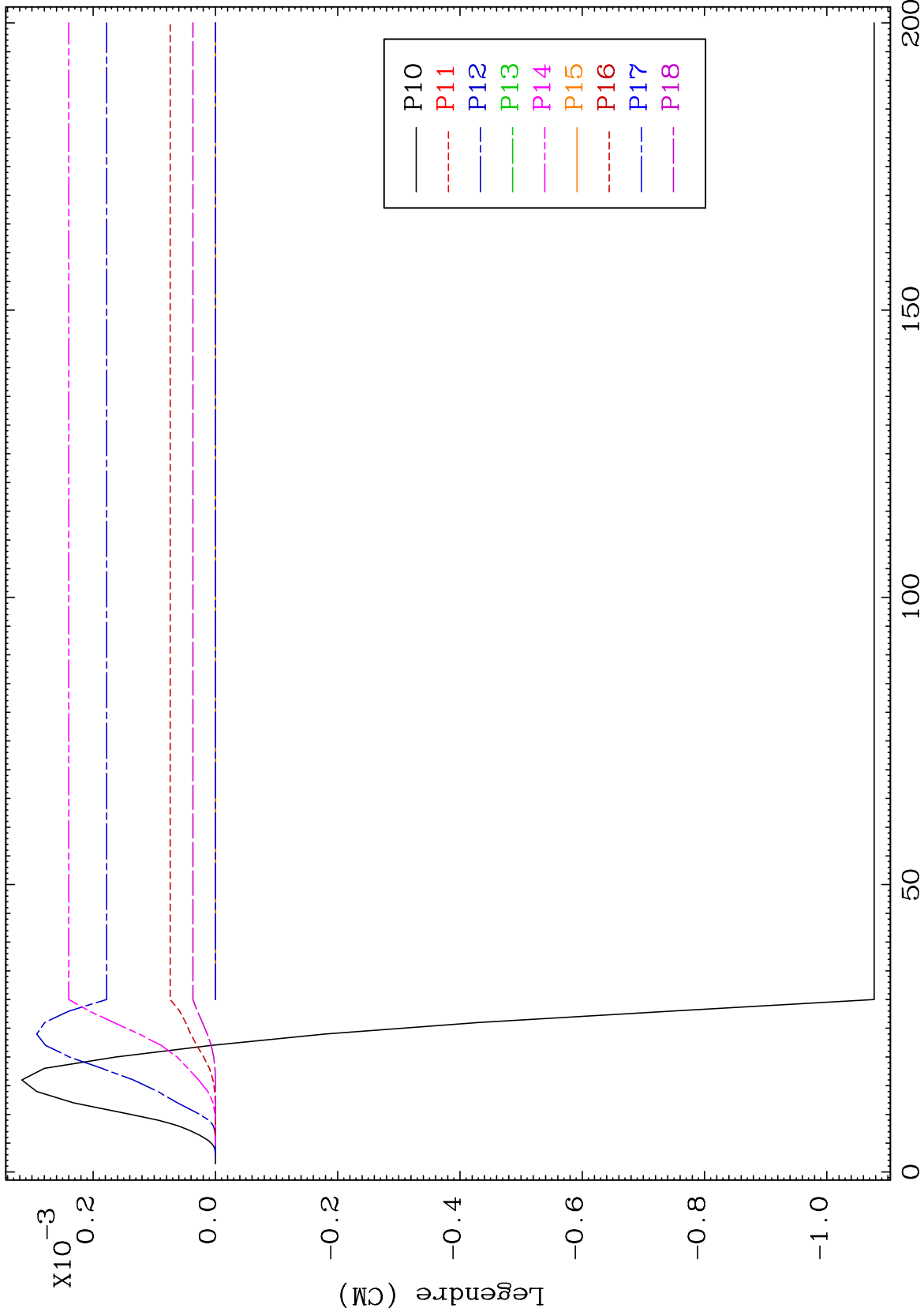




MAT 6940

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

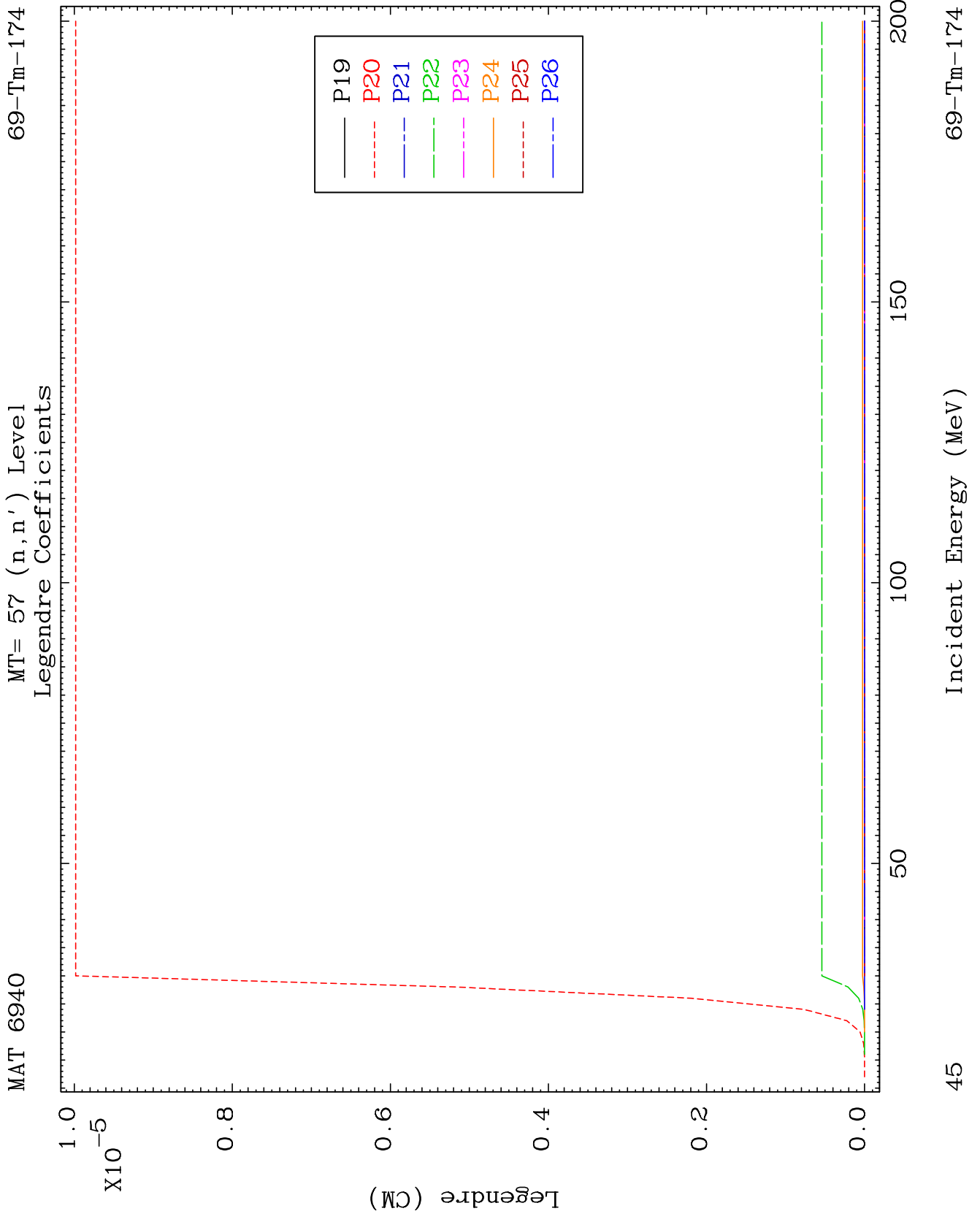
69-Tm-174



44

Incident Energy (MeV)

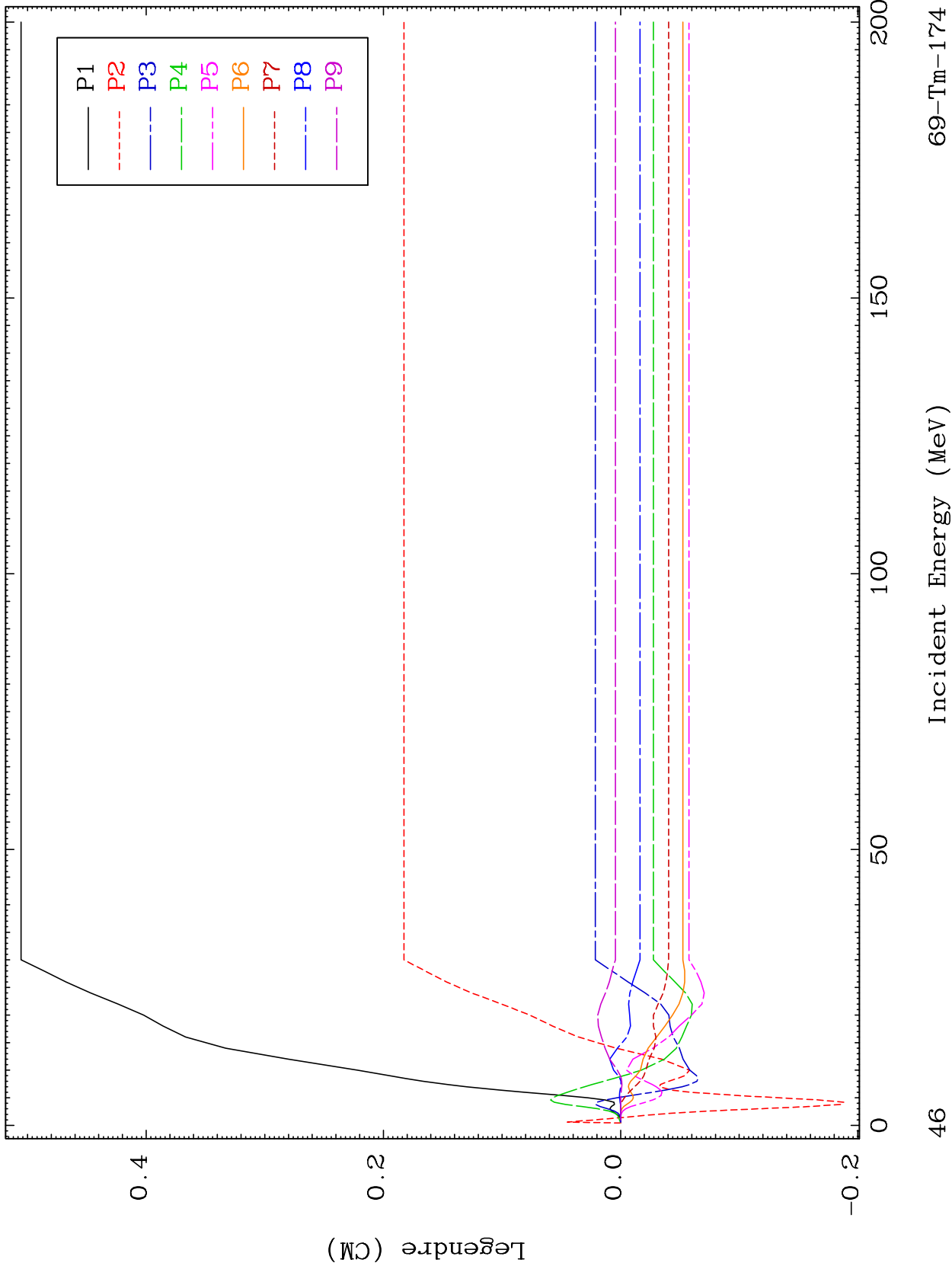
69-Tm-174



MAT 6940

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

69-Tm-174



46

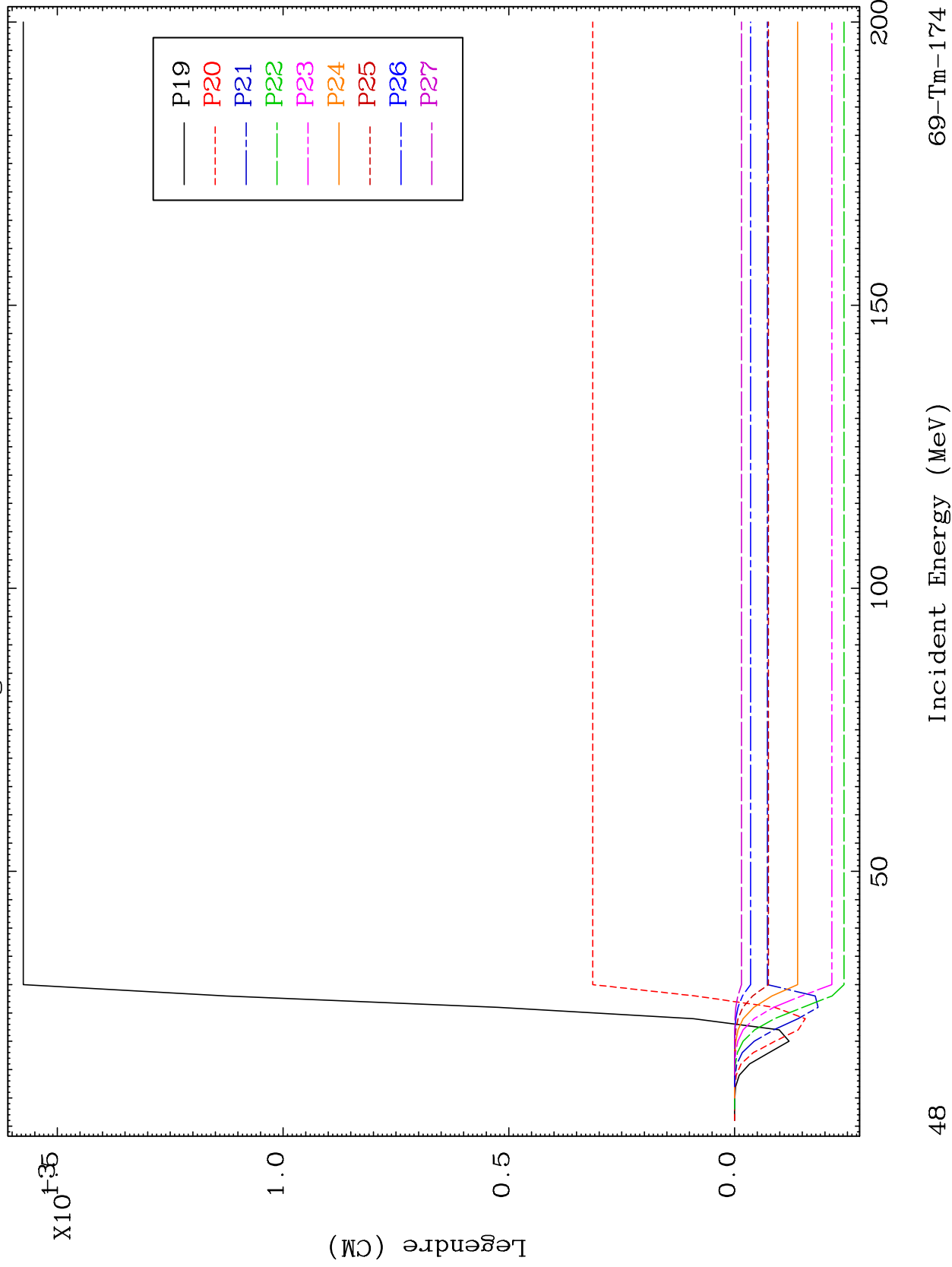
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

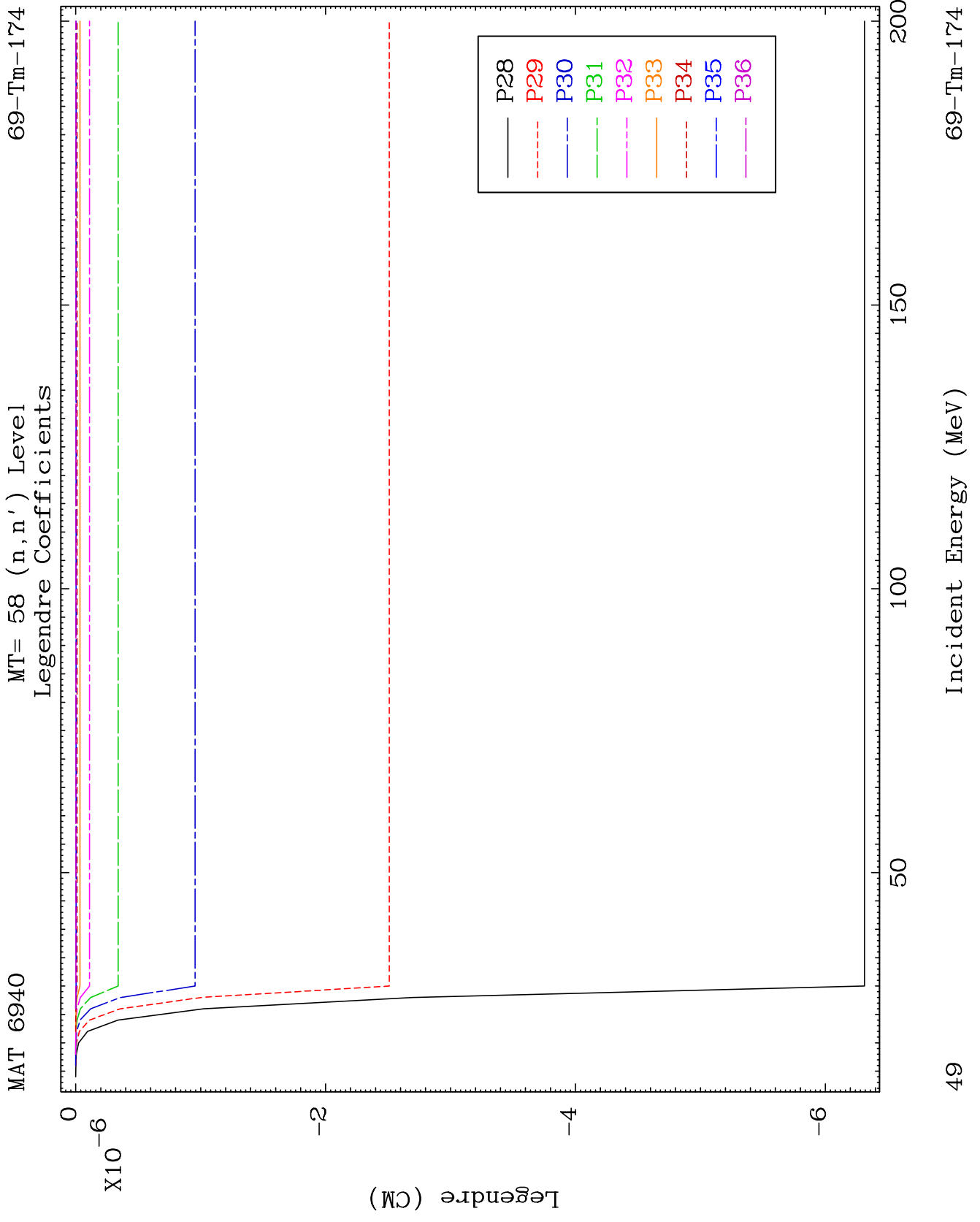
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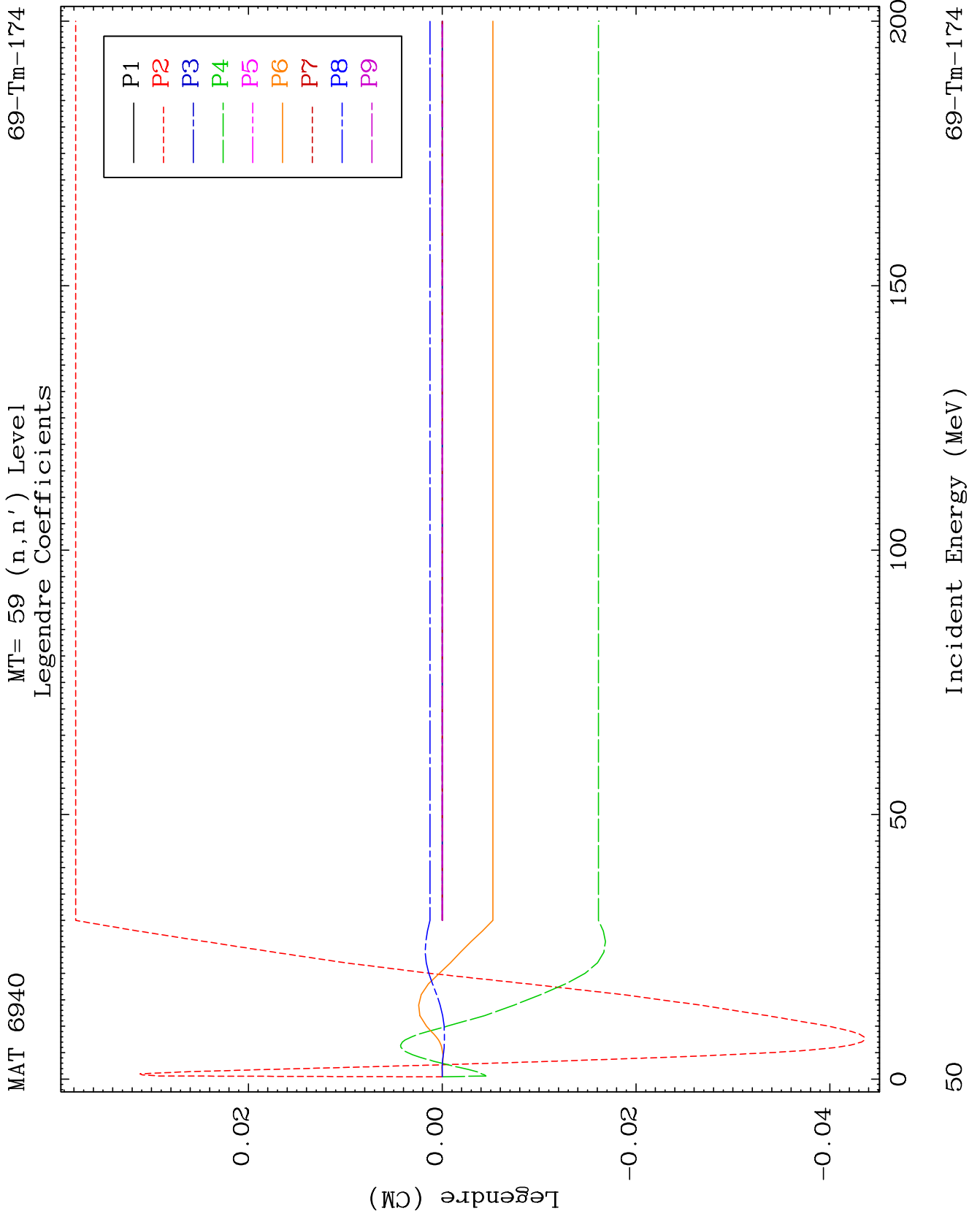


48

Incident Energy (MeV)

69-Tm-174

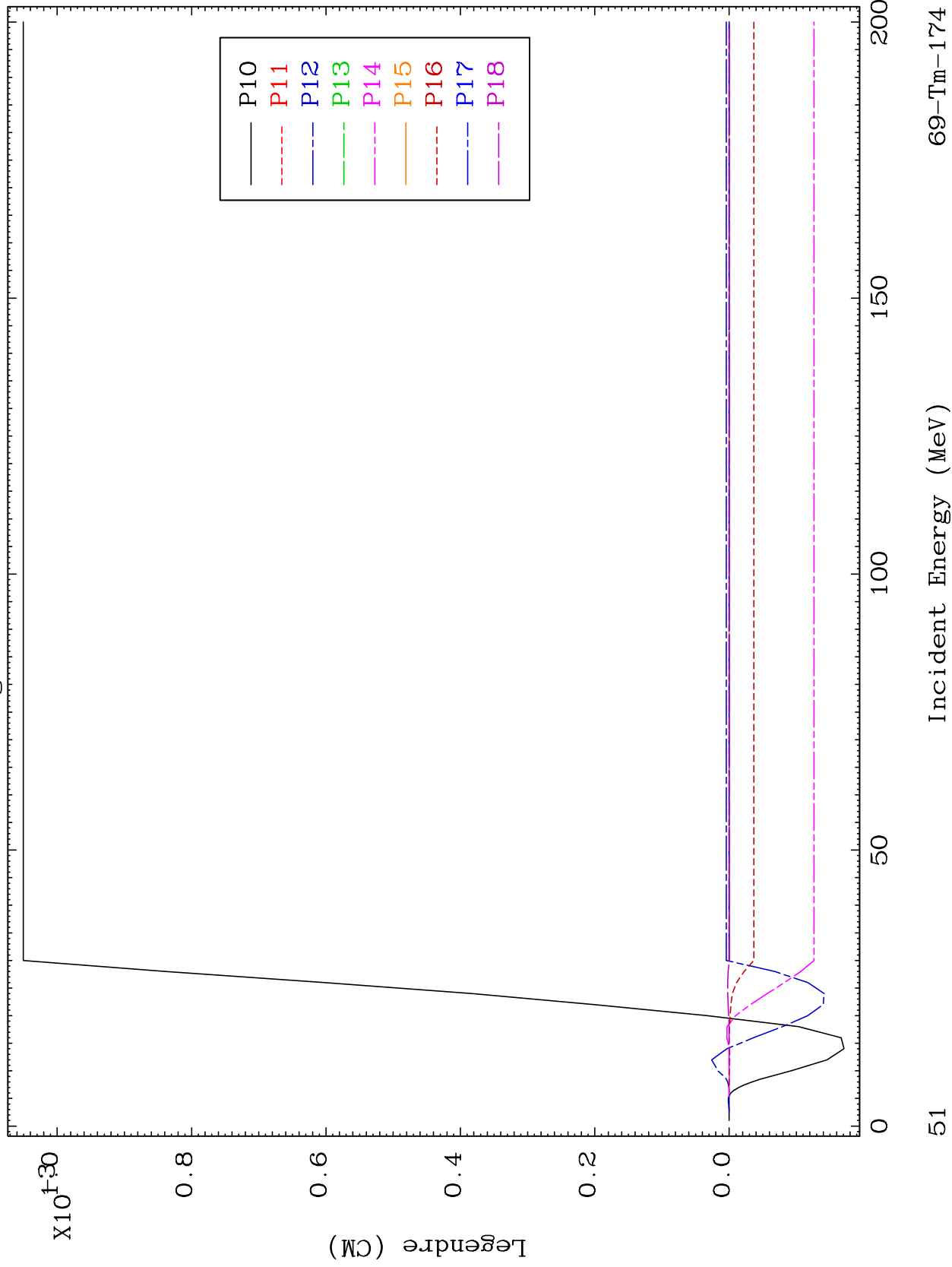




MAT 6940

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

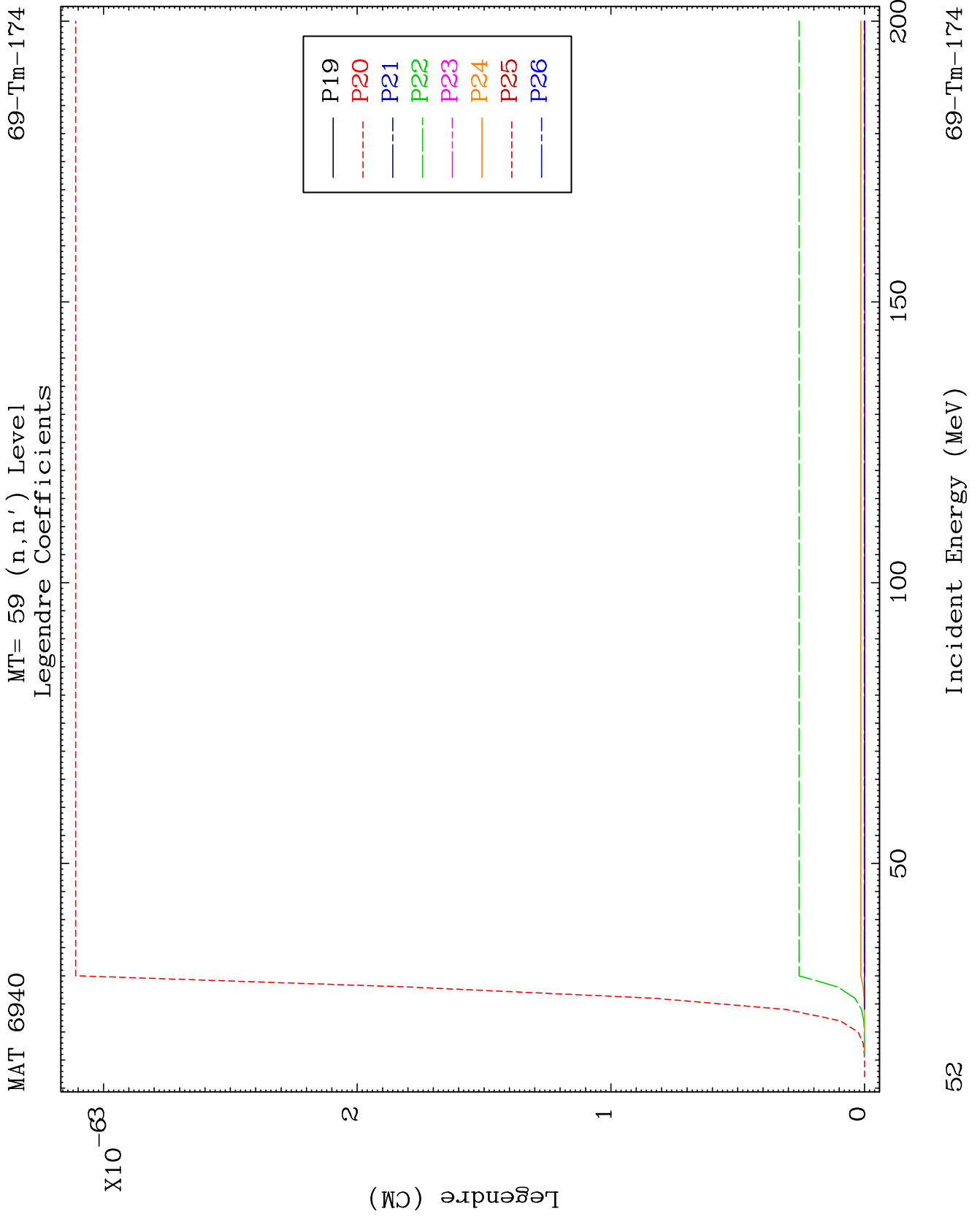
69-Tm-174



69-Tm-174

Incident Energy (MeV)

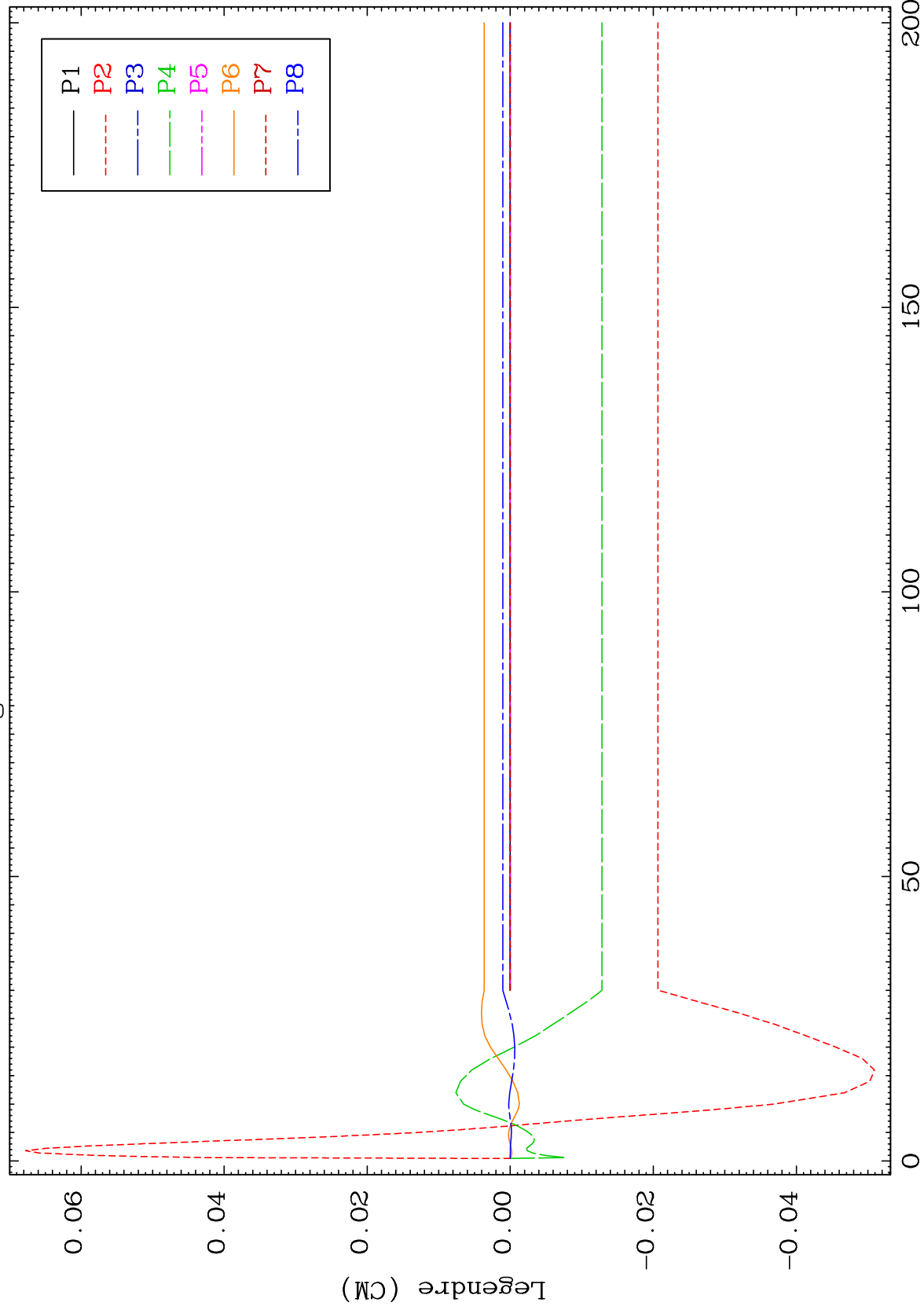
51



MAT 6940

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

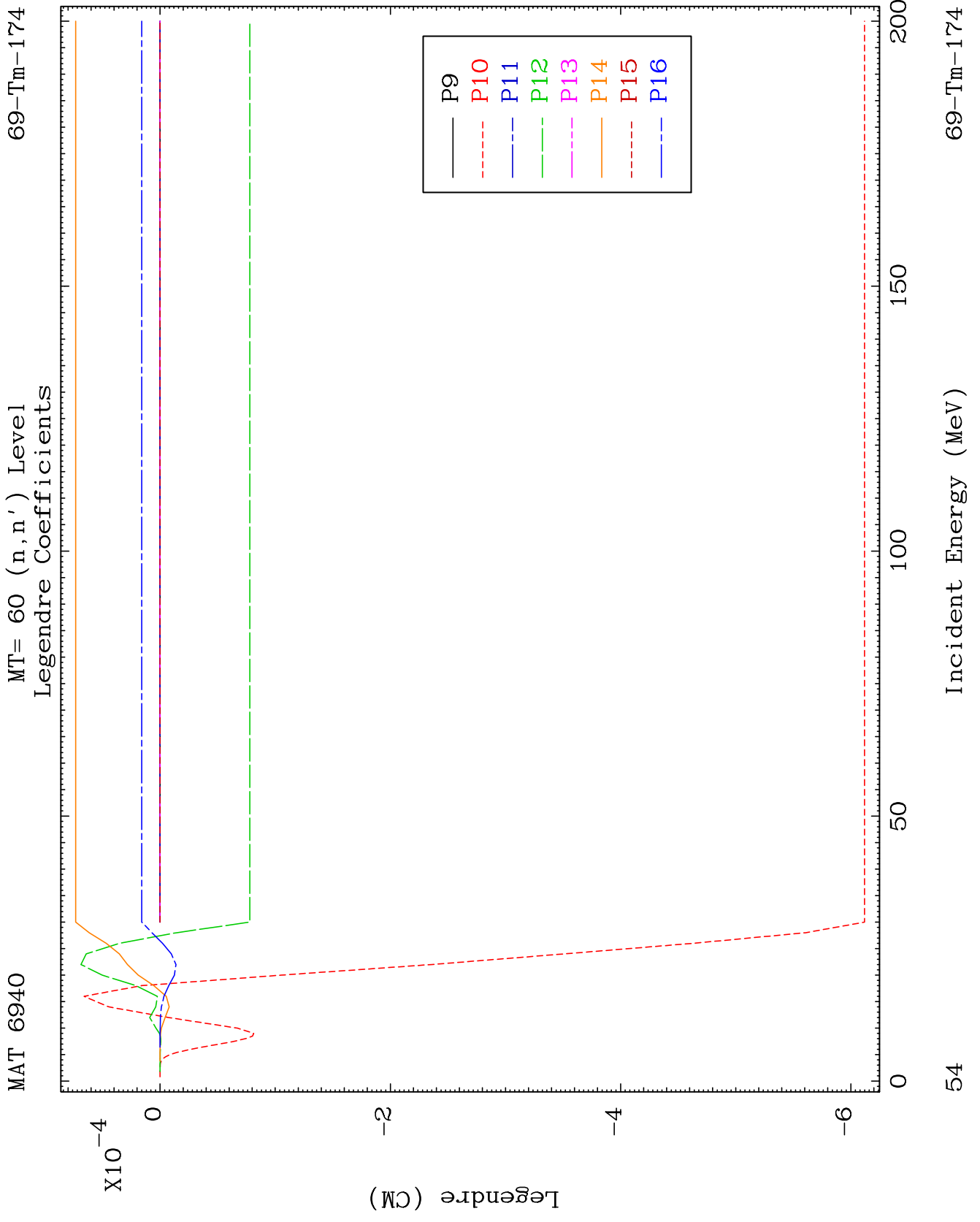
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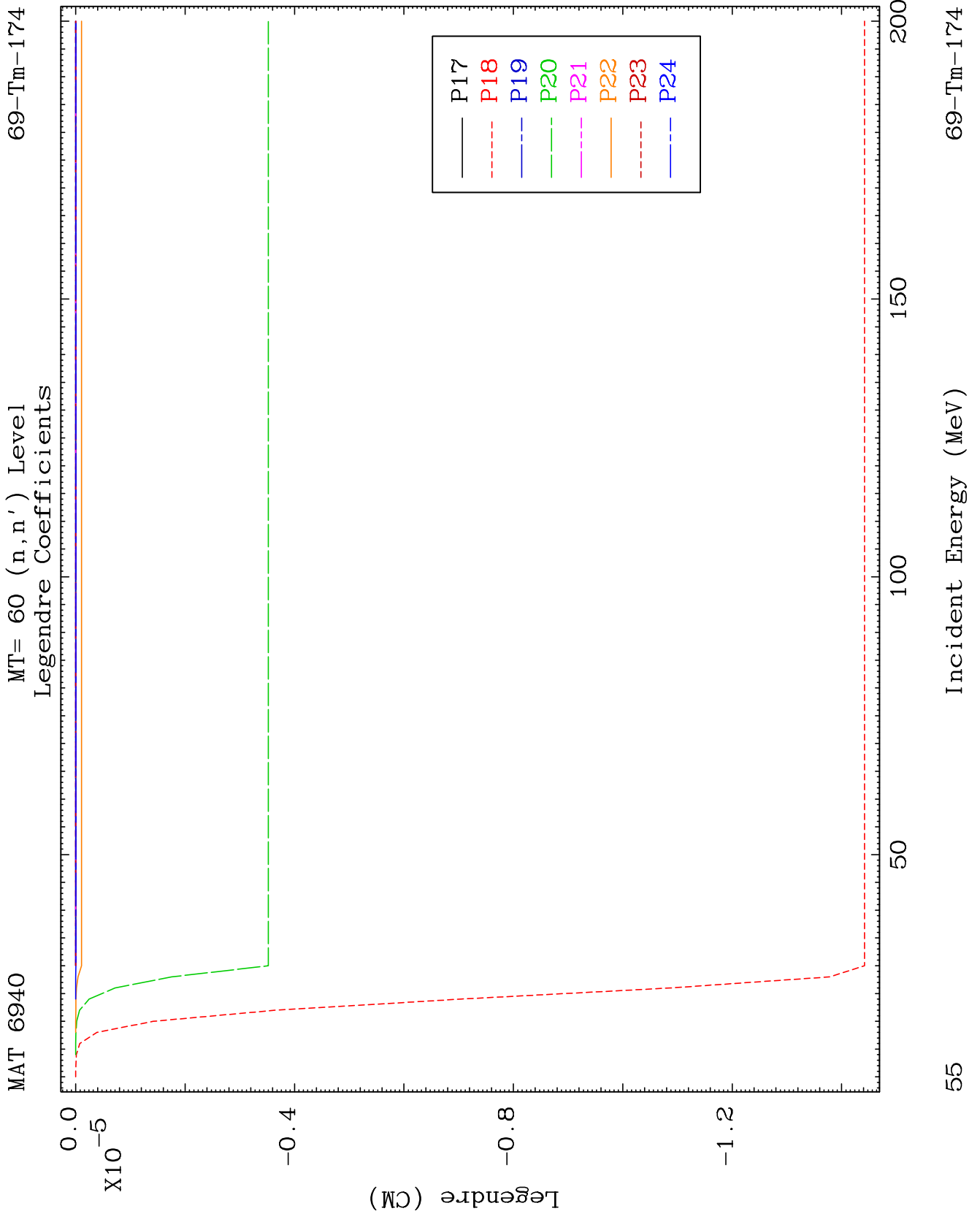


53

Incident Energy (MeV)

69-Tm-174

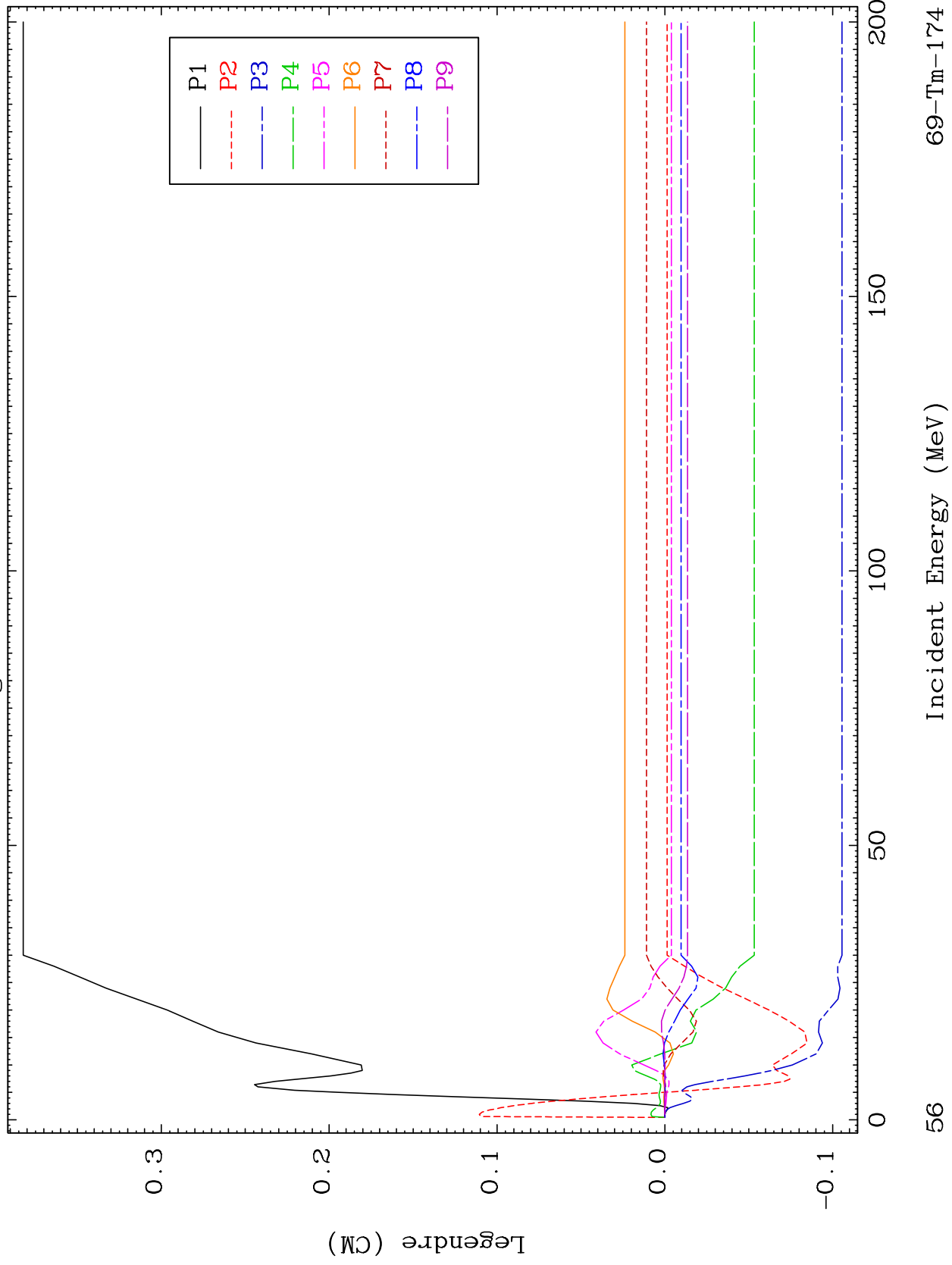




MAT 6940

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

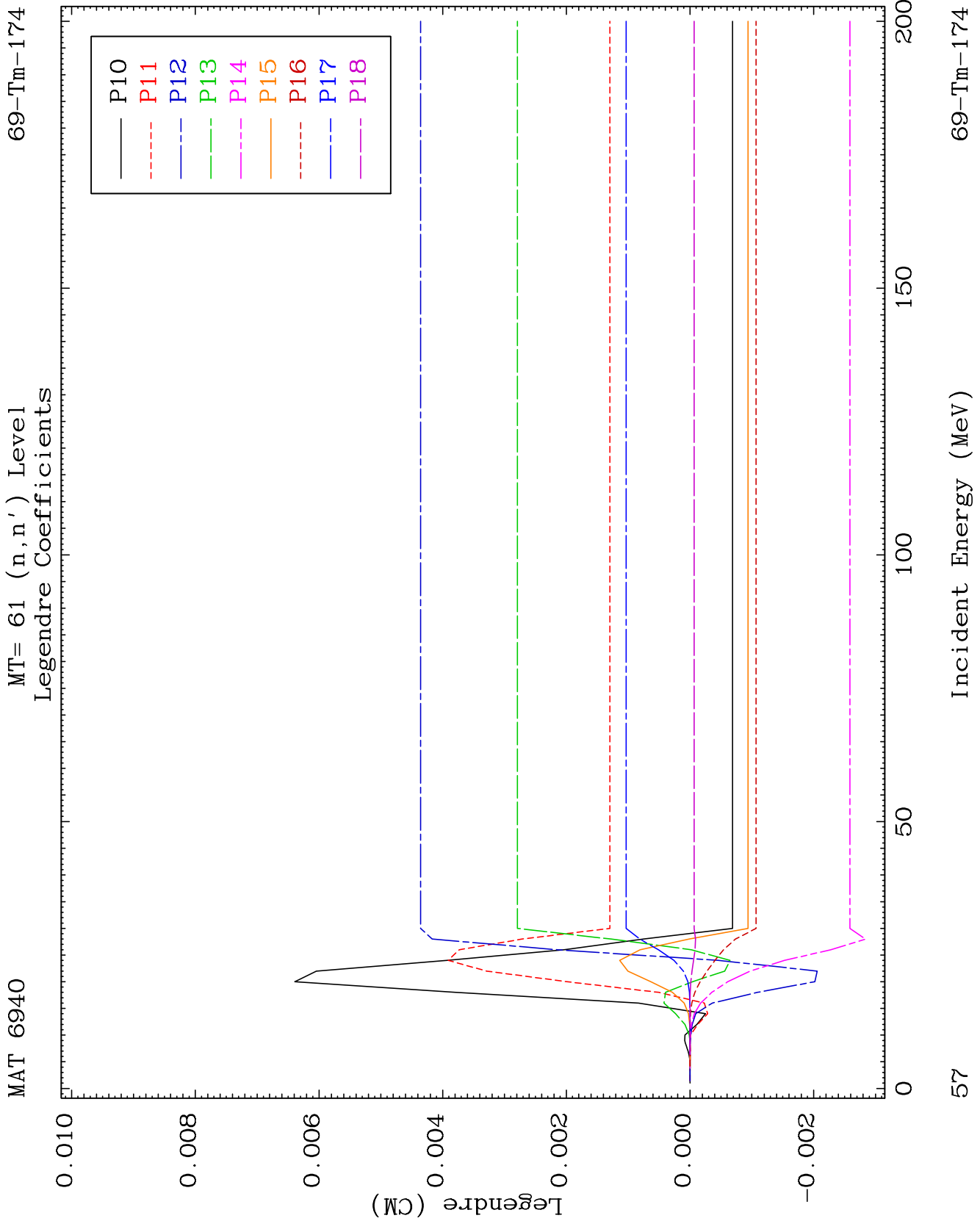
69-Tm-174



69-Tm-174

Incident Energy (MeV)

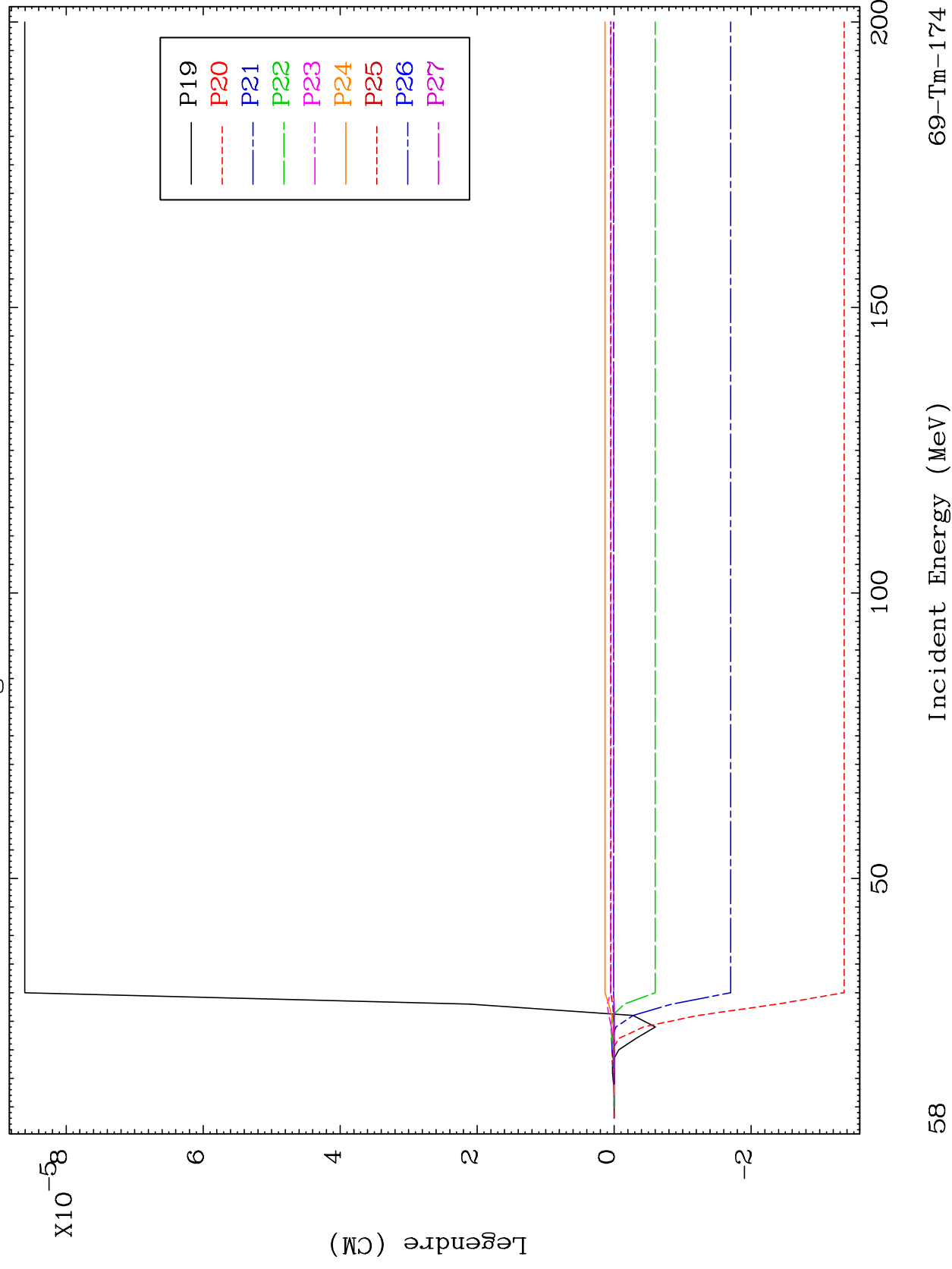
56



MAT 6940

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

69-Tm-174



58

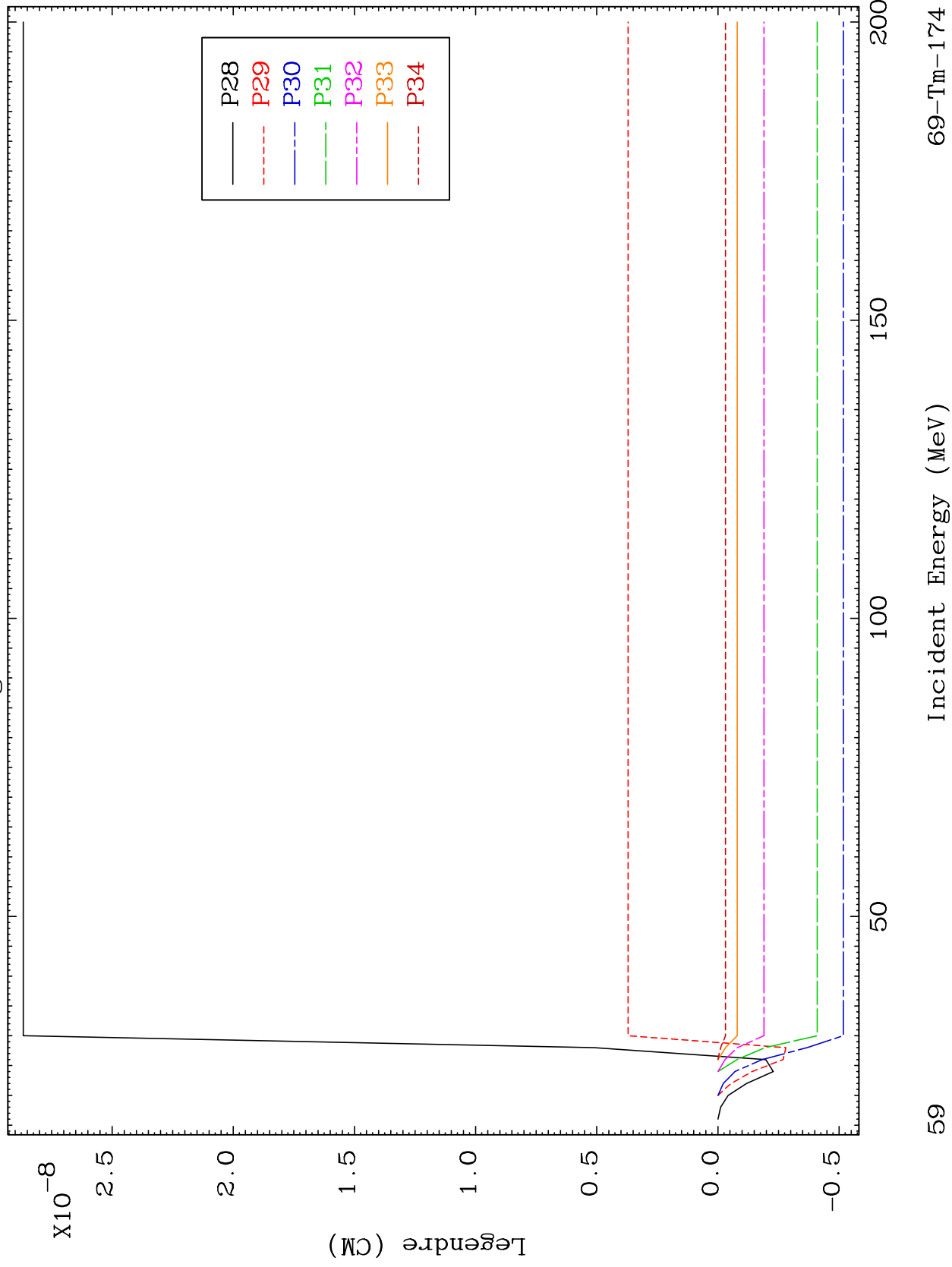
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

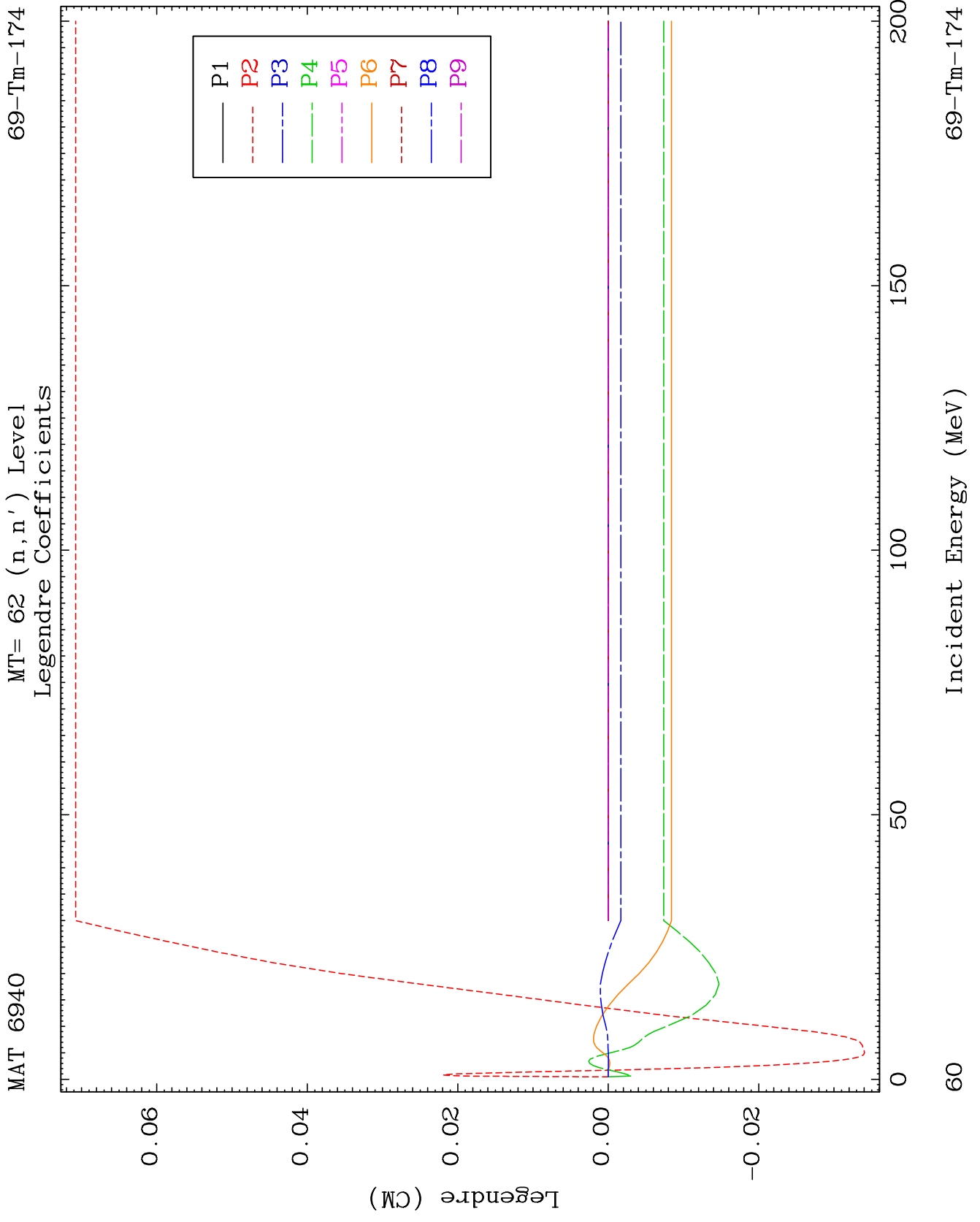
69-Tm-174



59

Incident Energy (MeV)

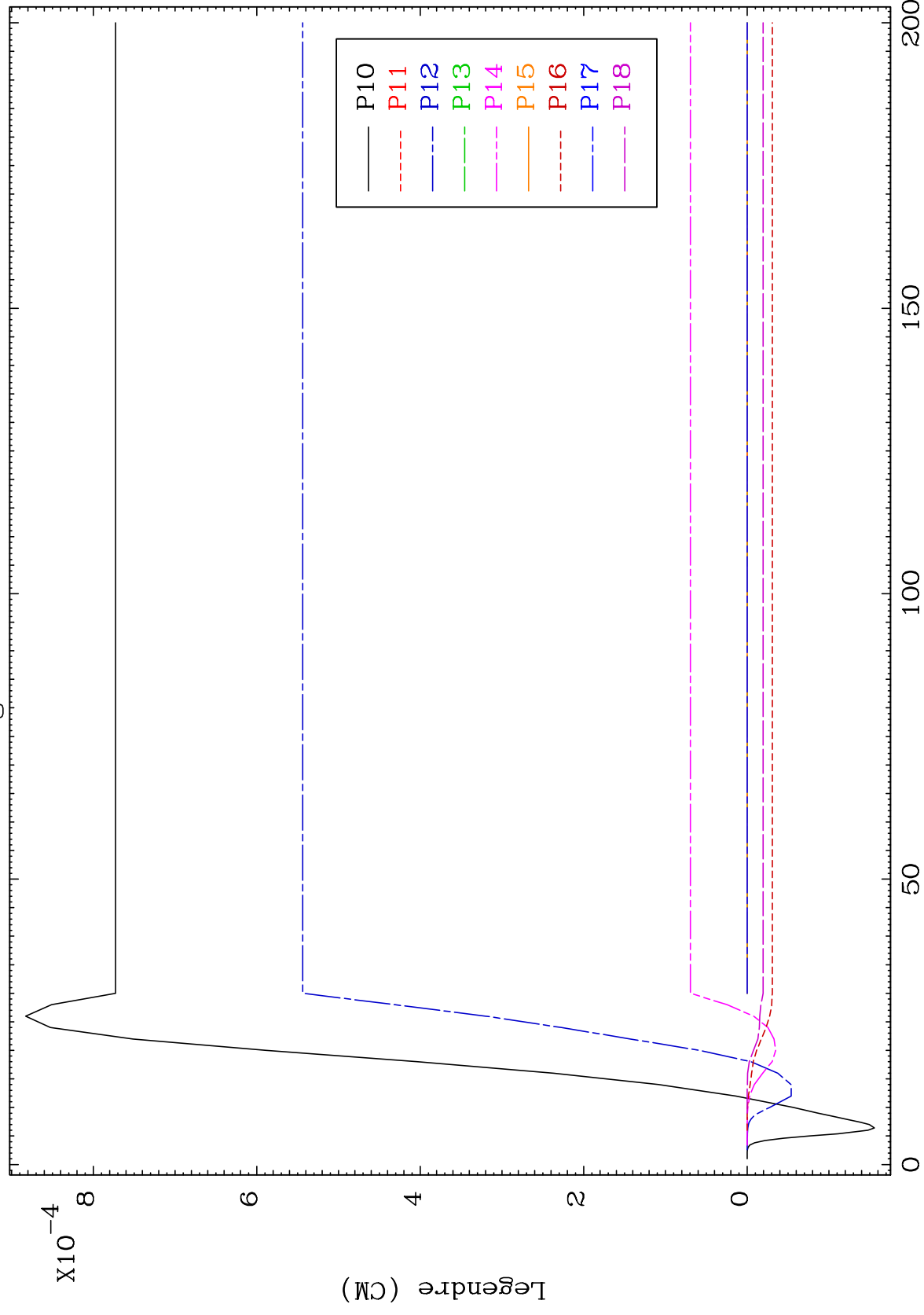
69-Tm-174



MAT 6940

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

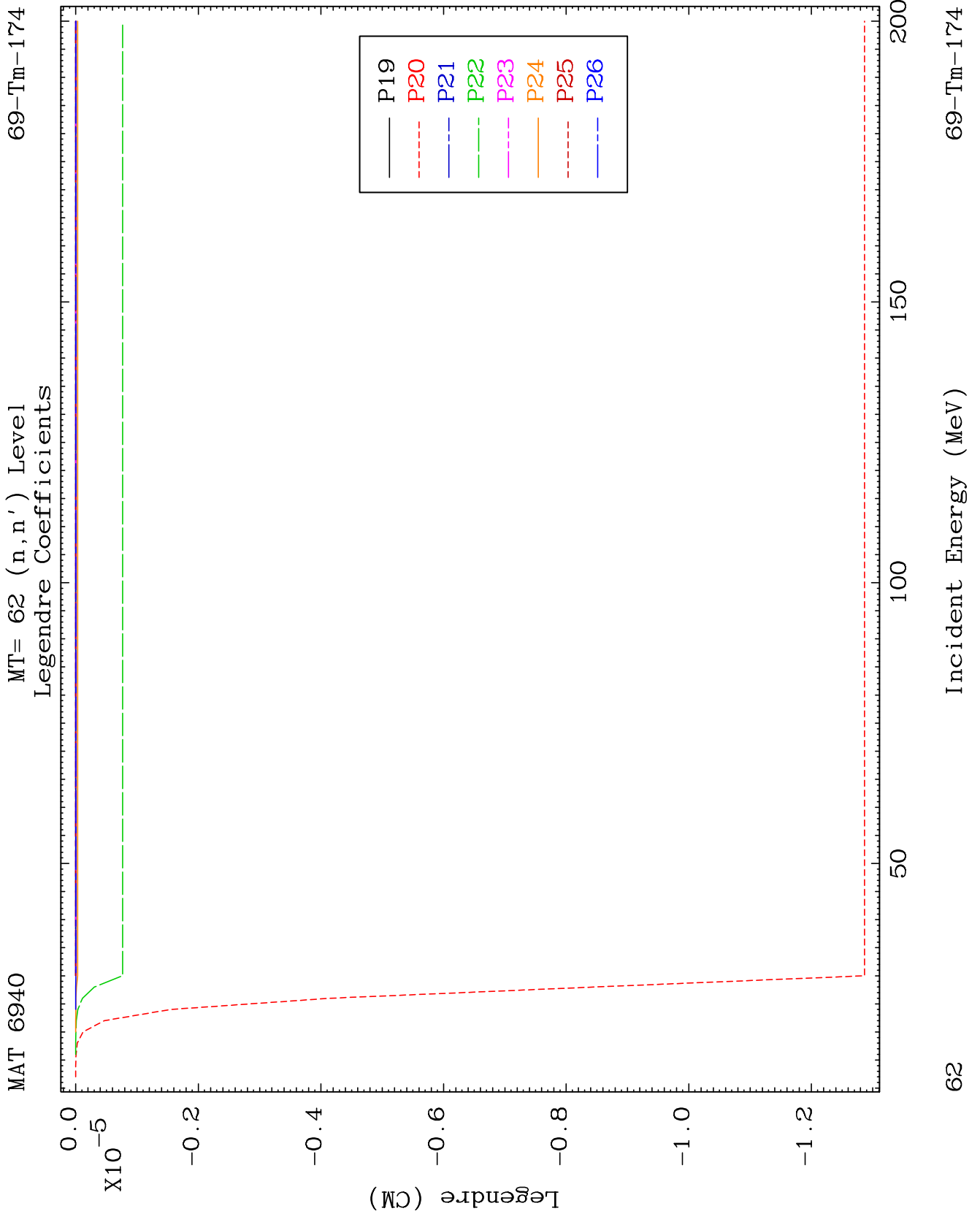
69-Tm-174



61

Incident Energy (MeV)

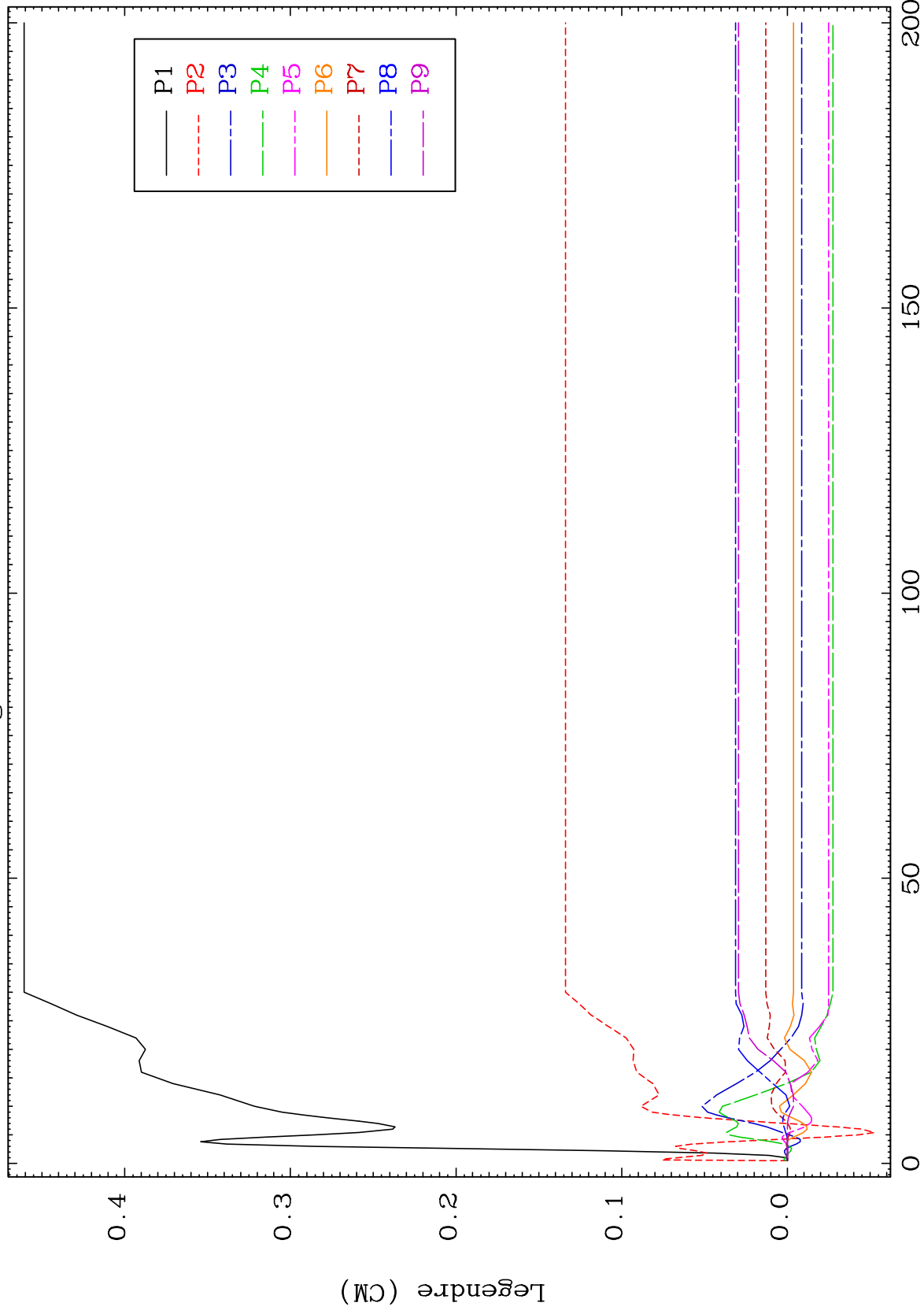
69-Tm-174



MAT 6940

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

69-Tm-174



63

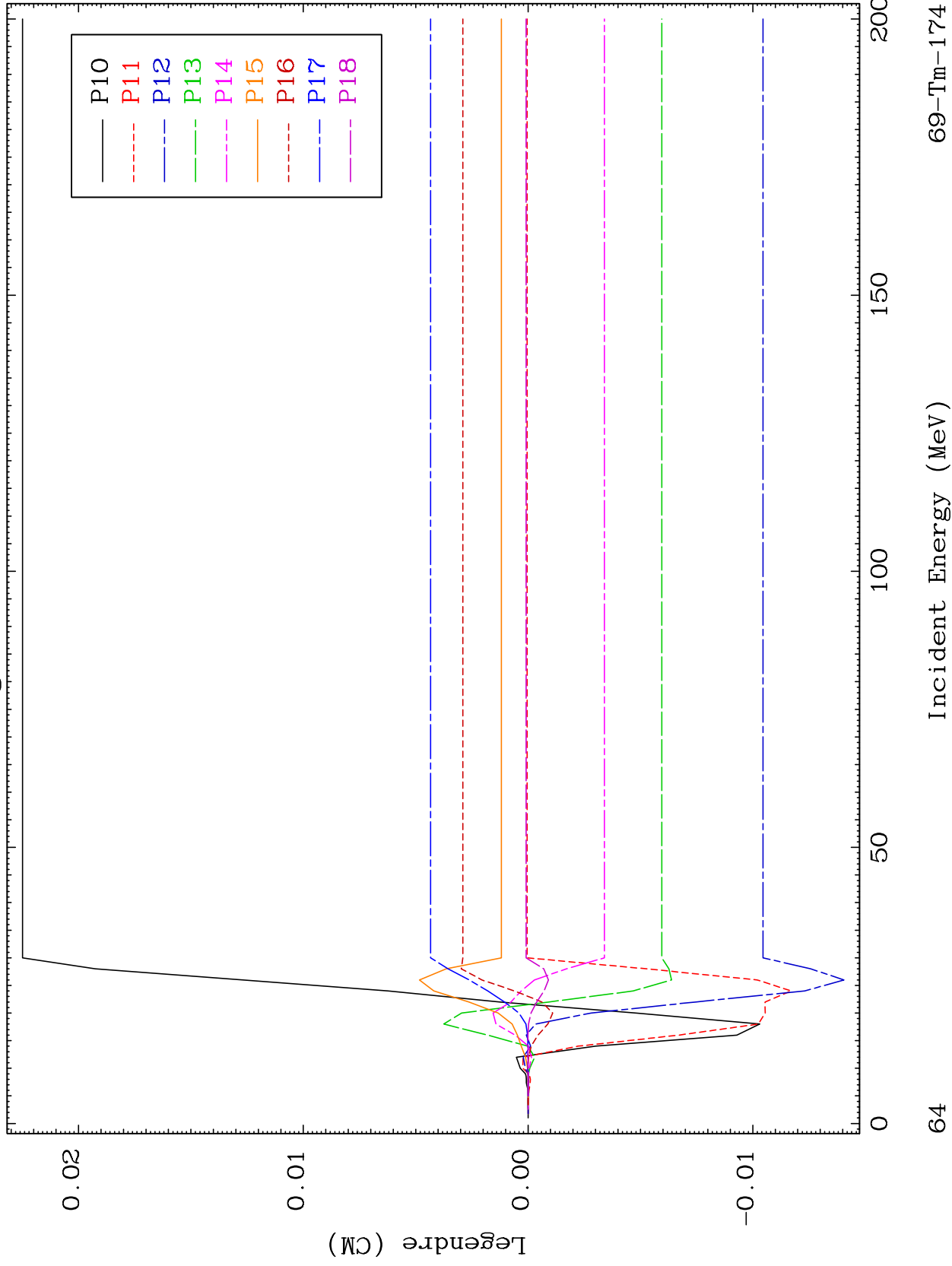
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



64

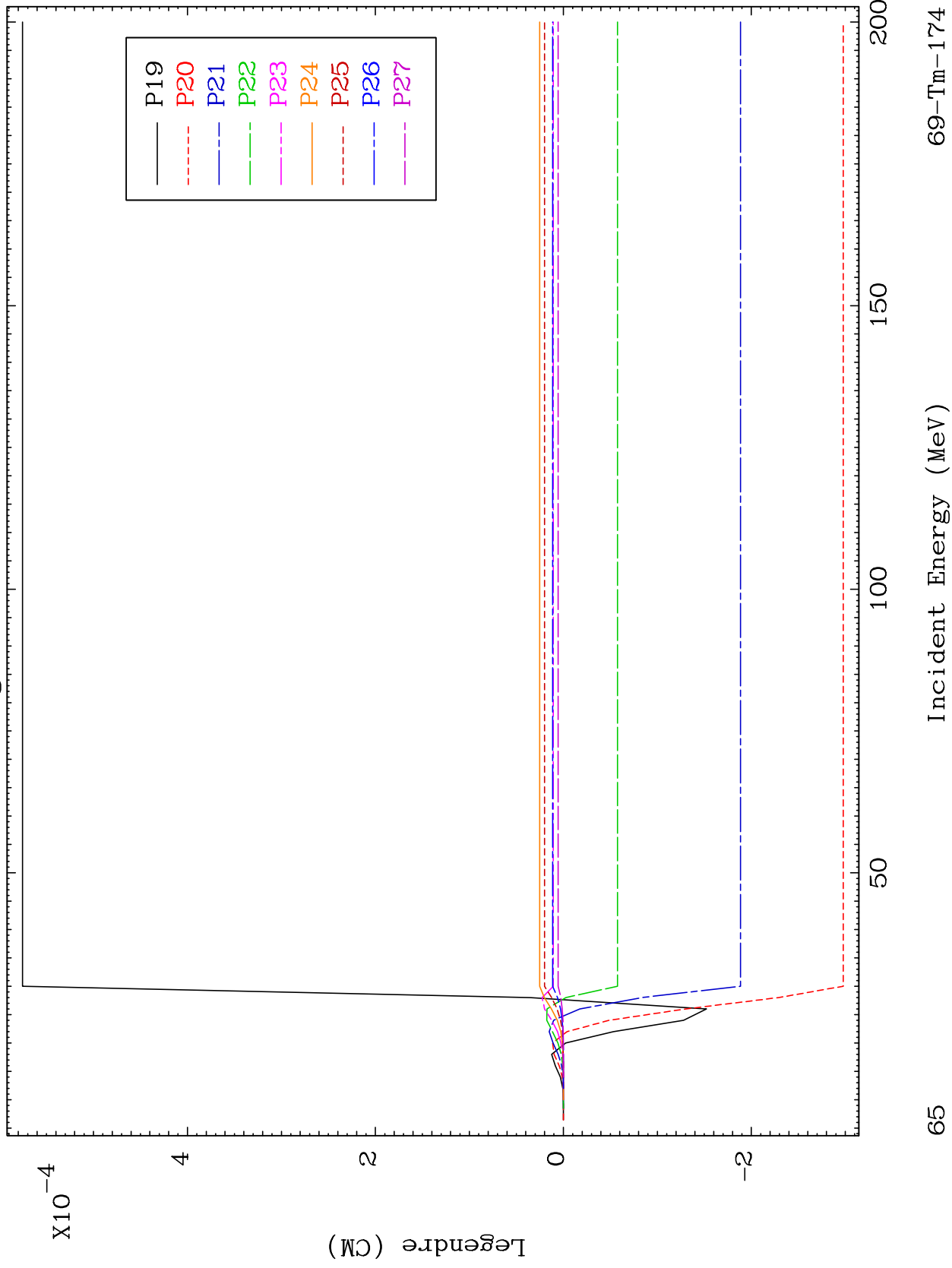
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

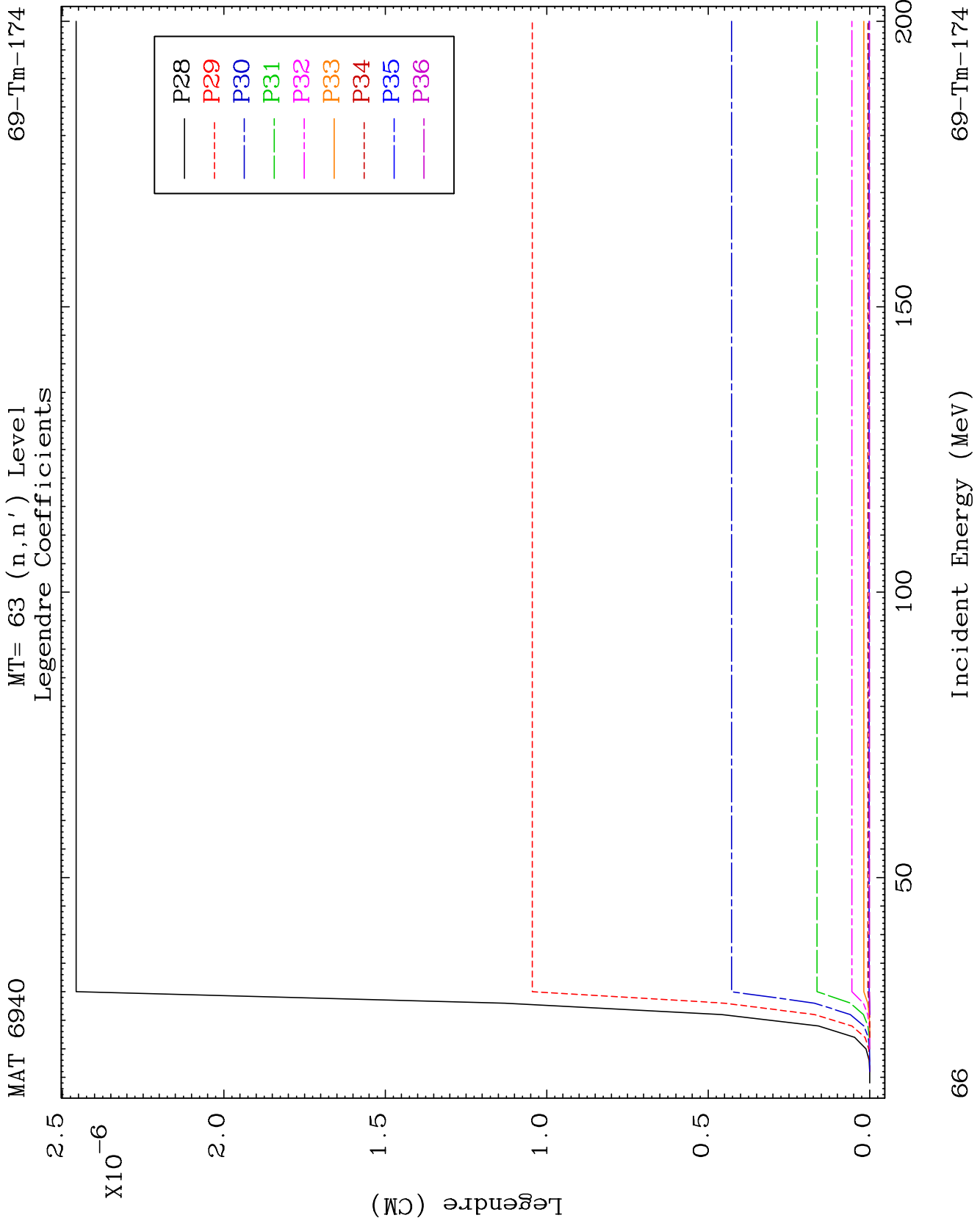
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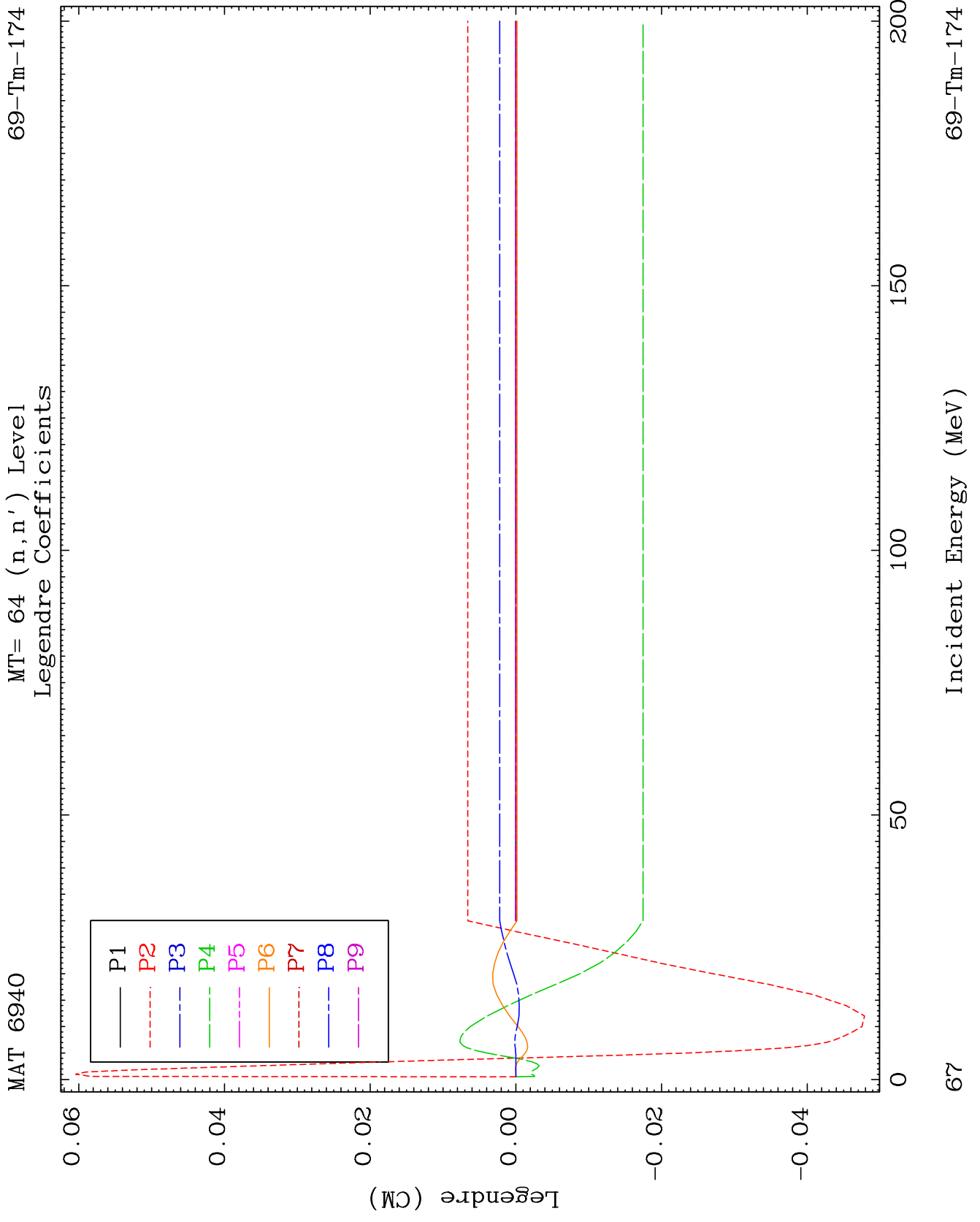


65

Incident Energy (MeV)

69-Tm-174

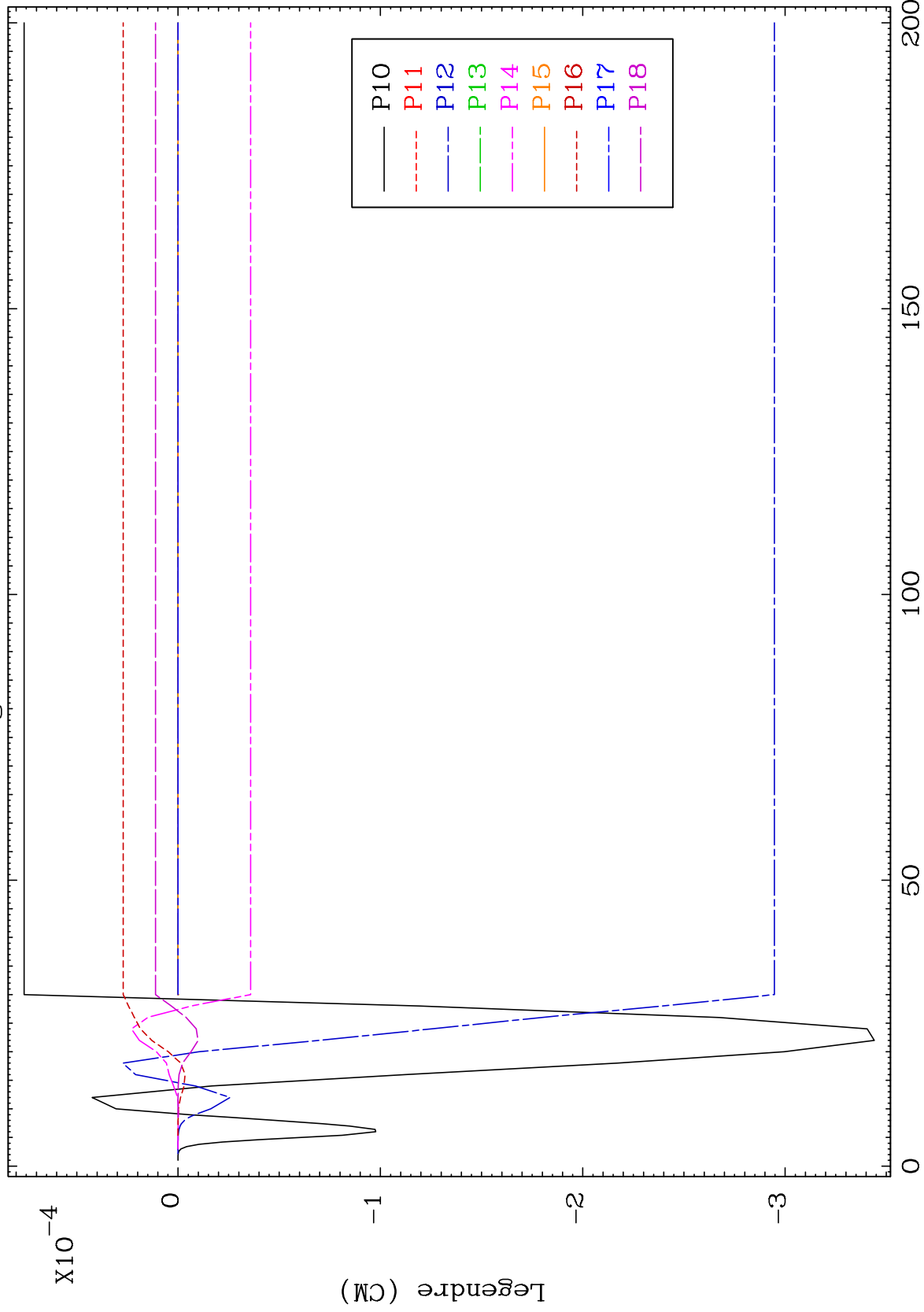




MAT 6940

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

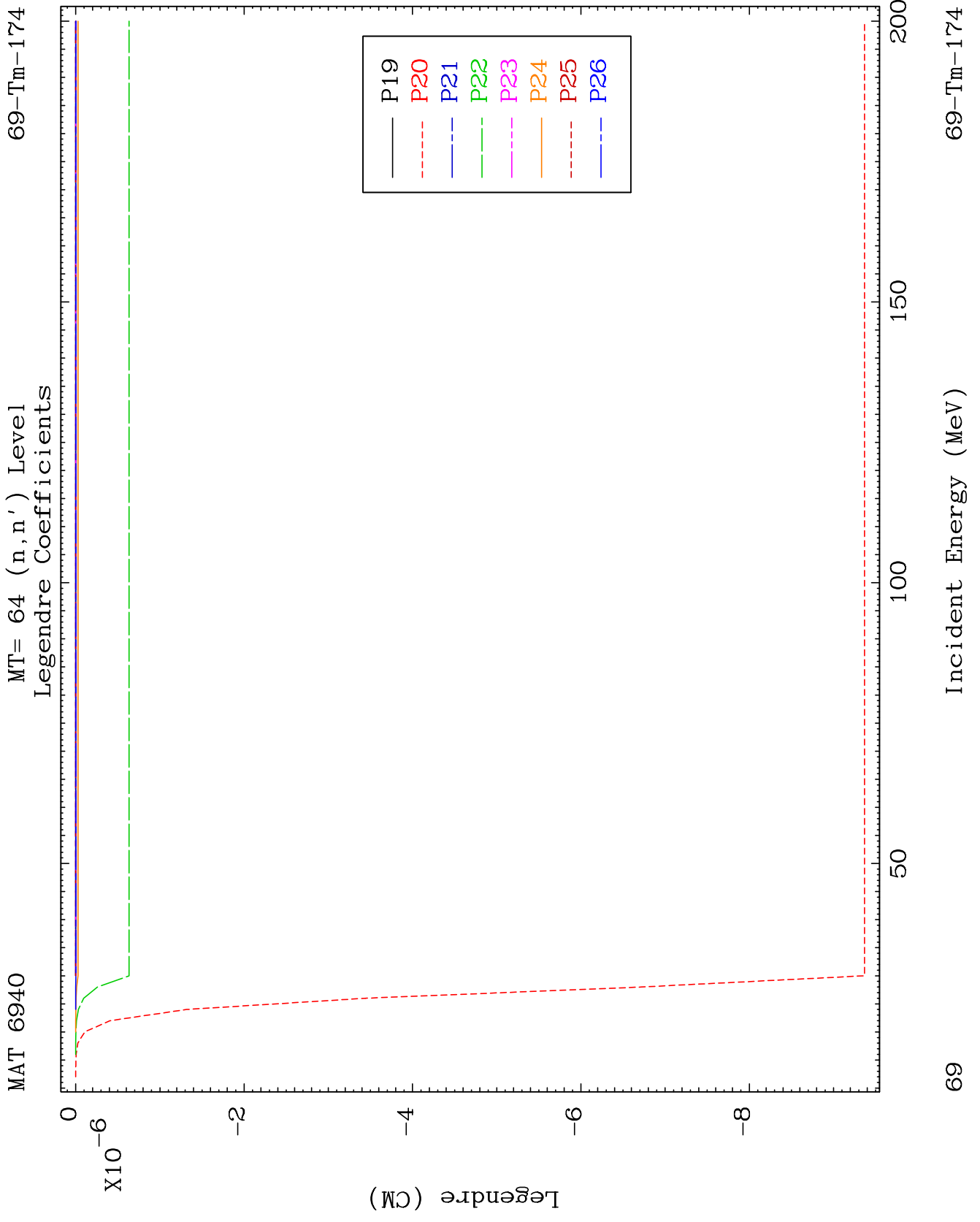
69-Tm-174



68

Incident Energy (MeV)

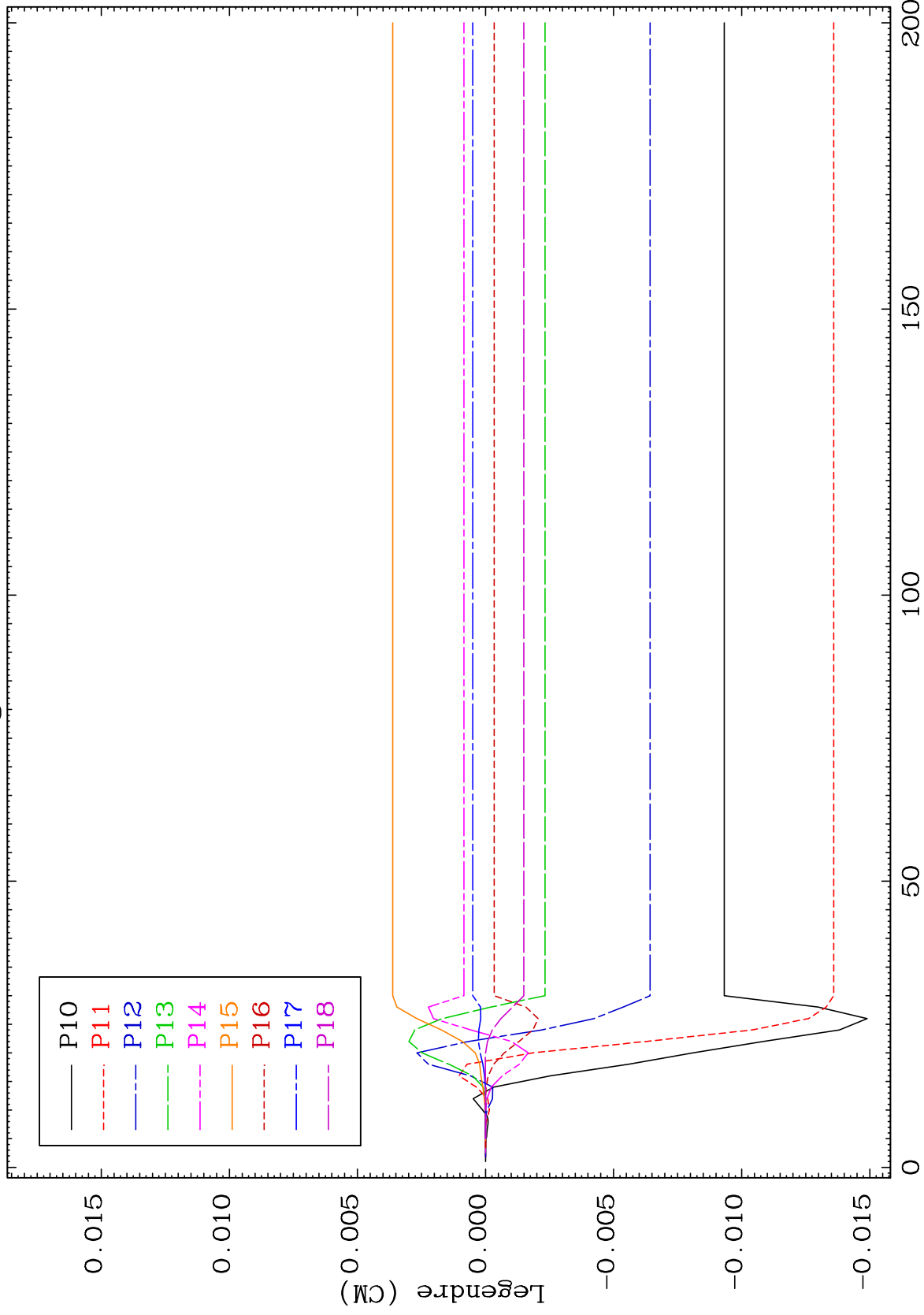
69-Tm-174



MAT 6940

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

69-Tm-174



71

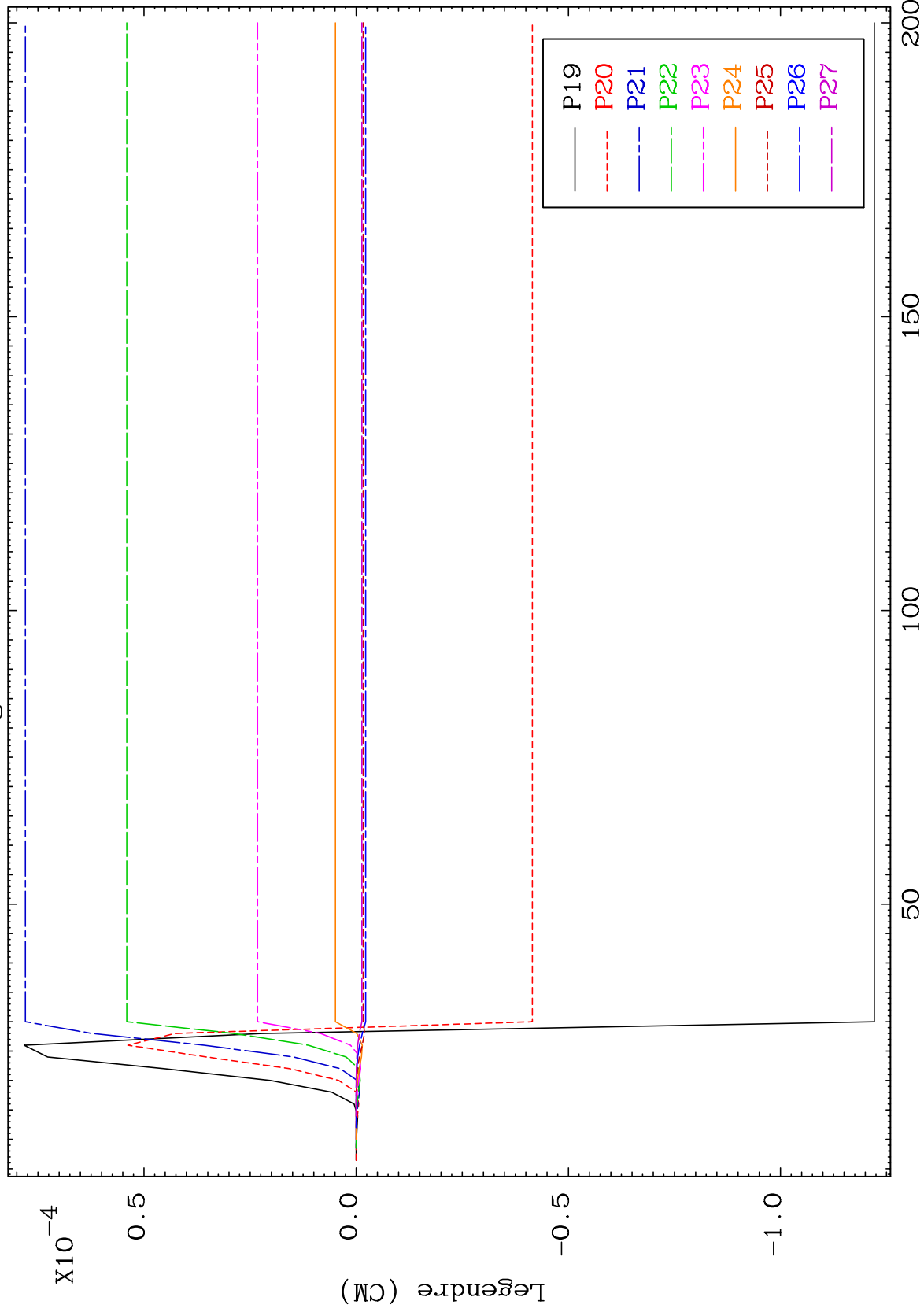
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

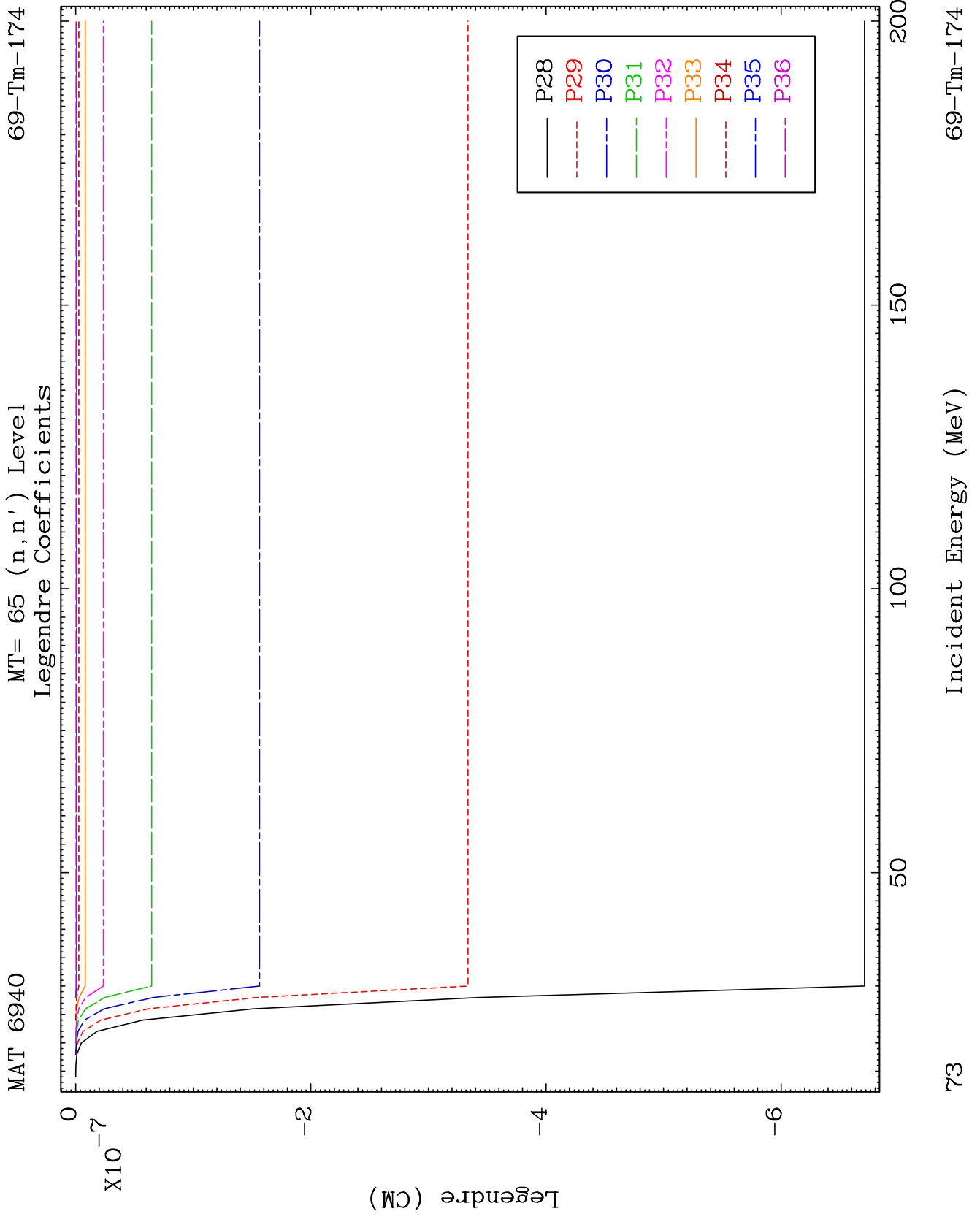
69-Tm-174



72

Incident Energy (MeV)

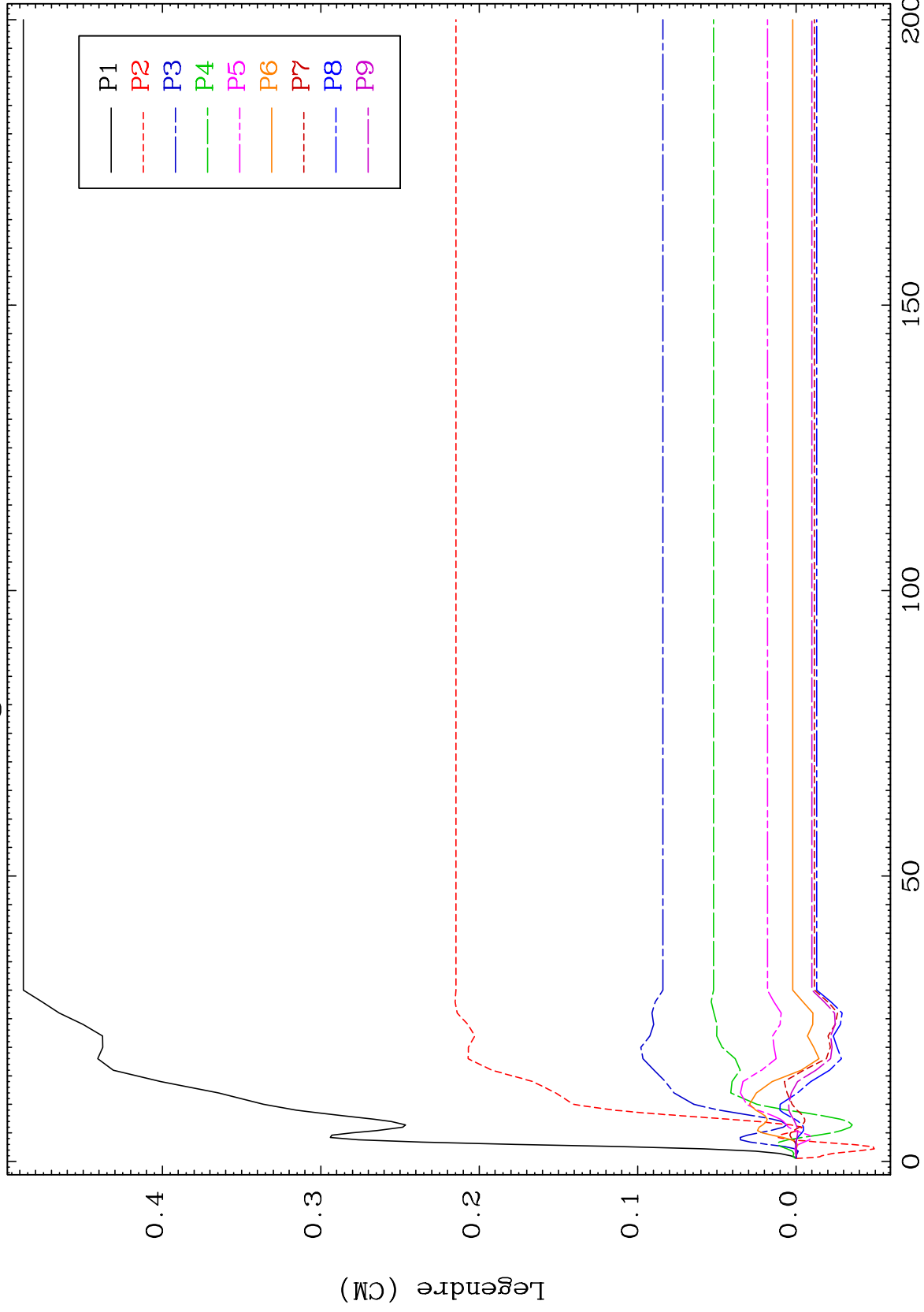
69-Tm-174



MAT 6940

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

69-Tm-174



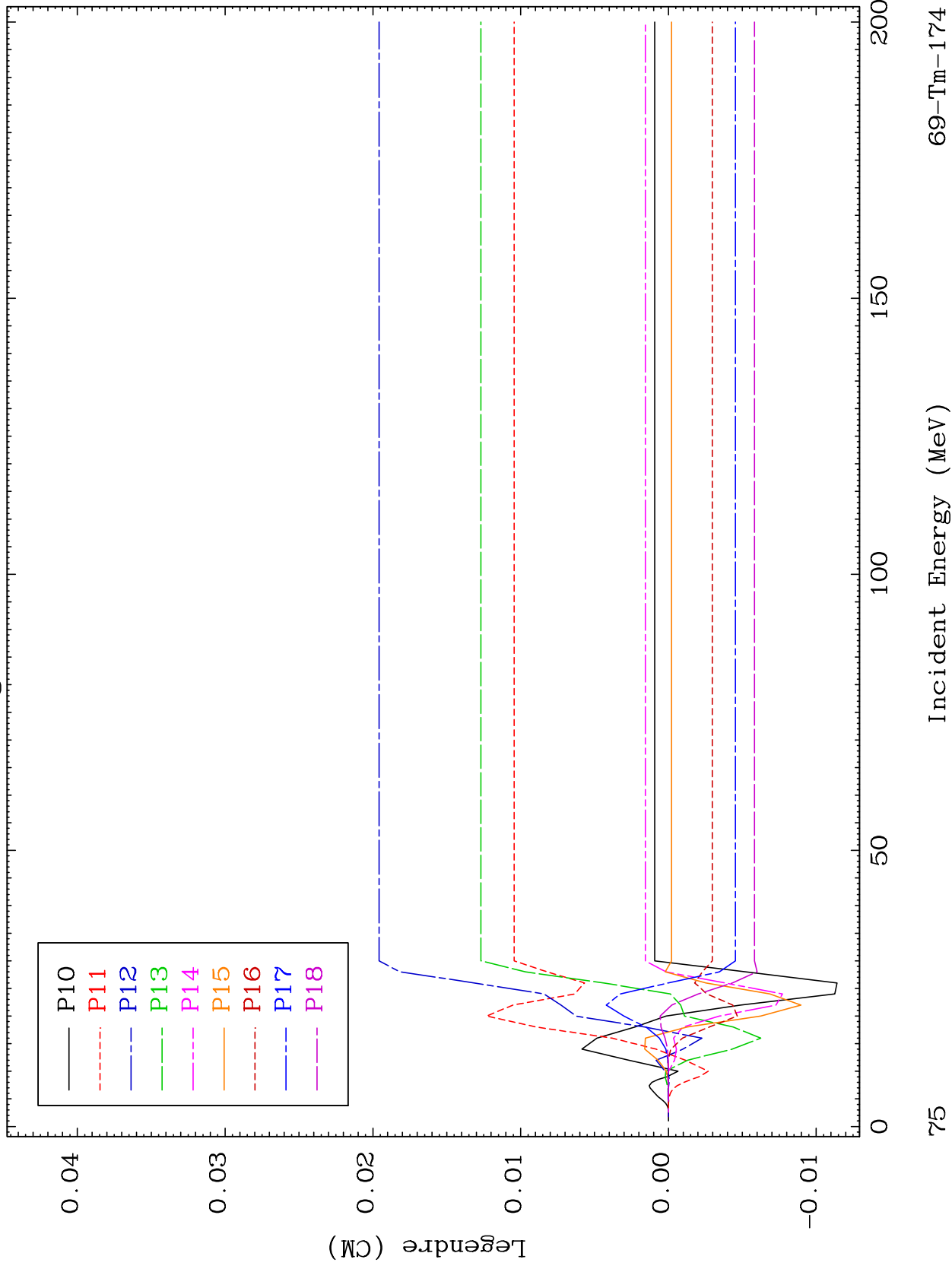
74

69-Tm-174

MAT 6940

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

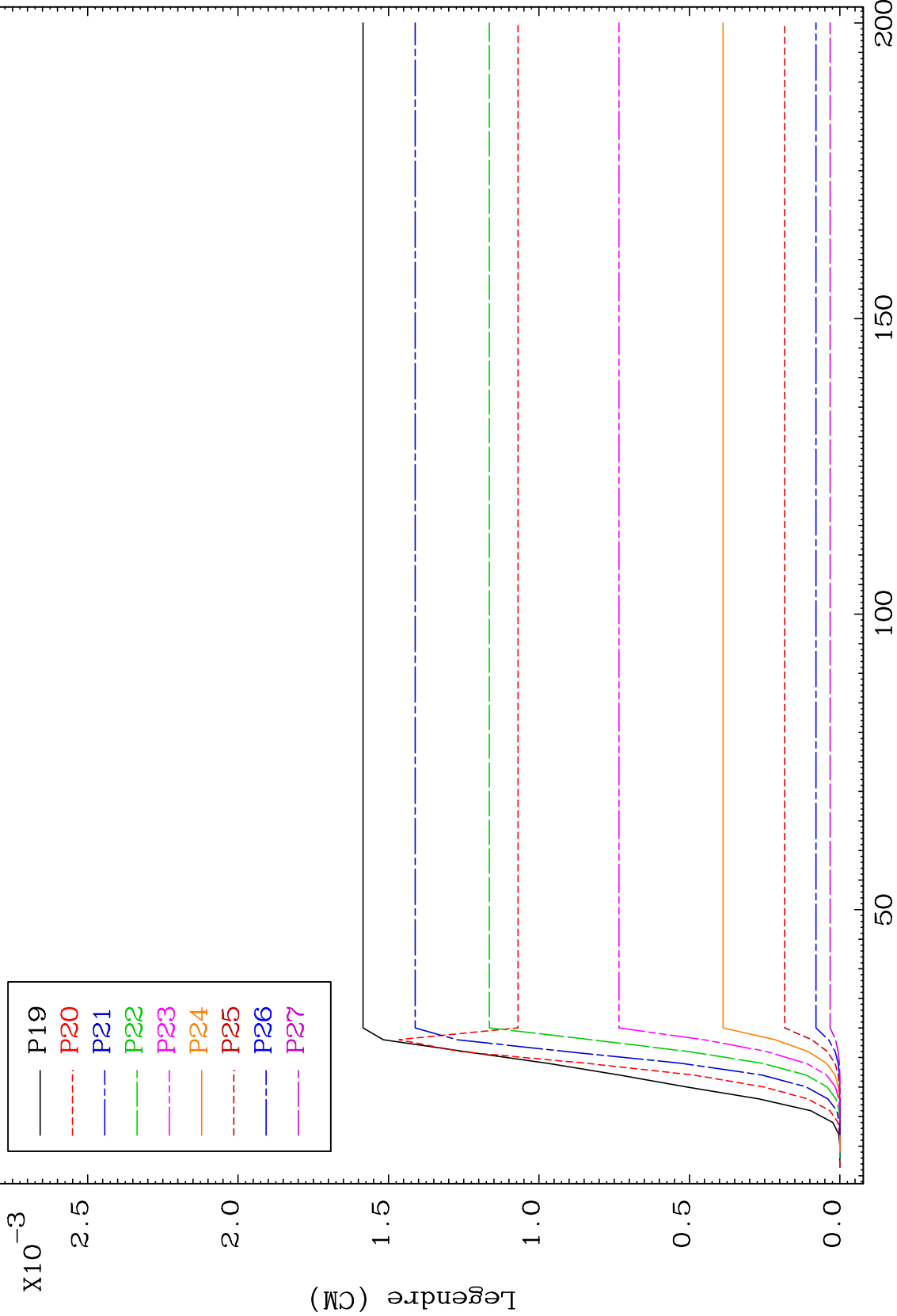
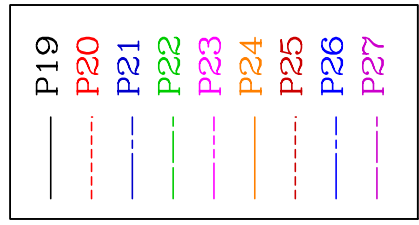
69-Tm-174



75

Incident Energy (MeV)

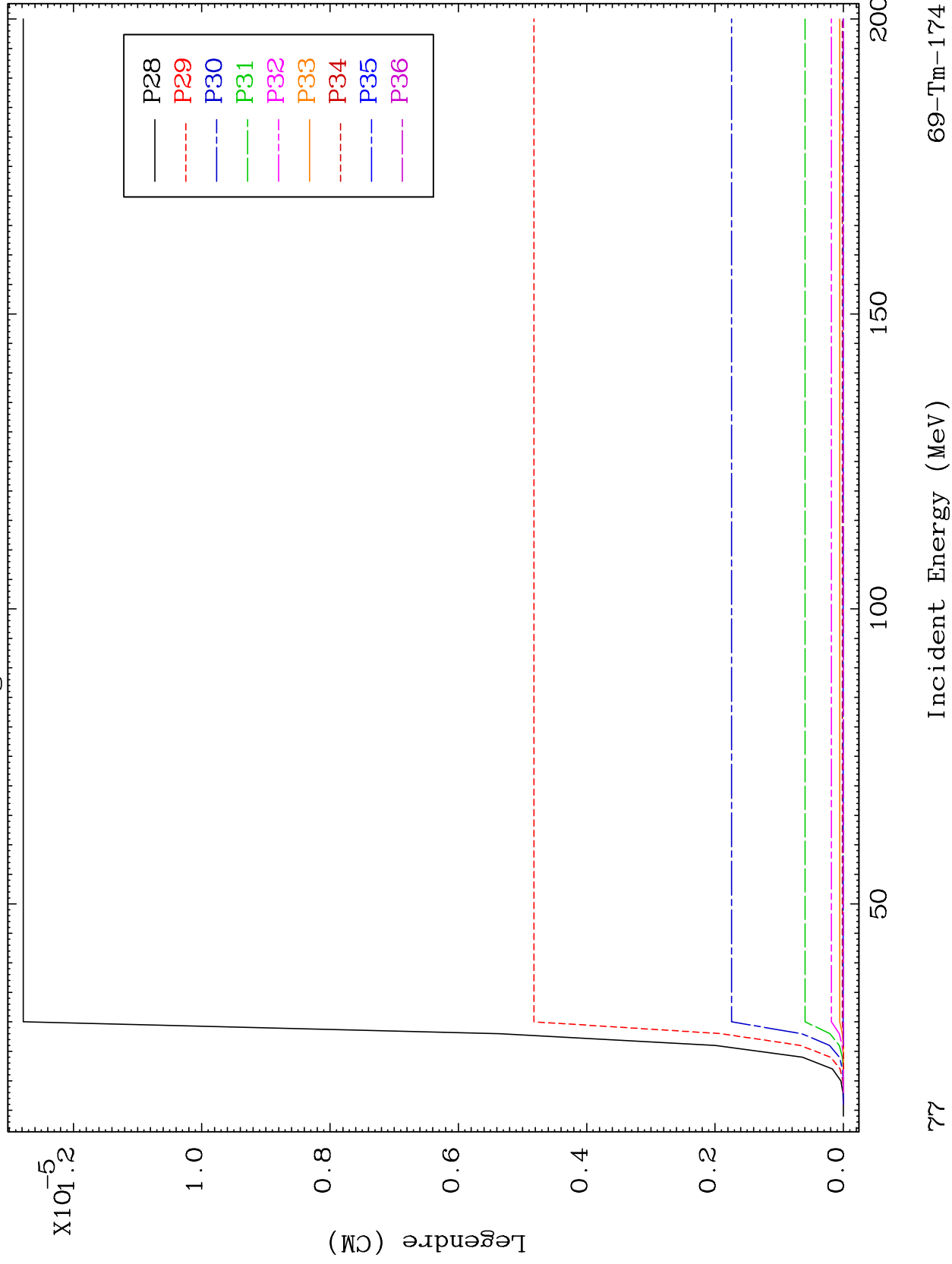
69-Tm-174



MAT 6940

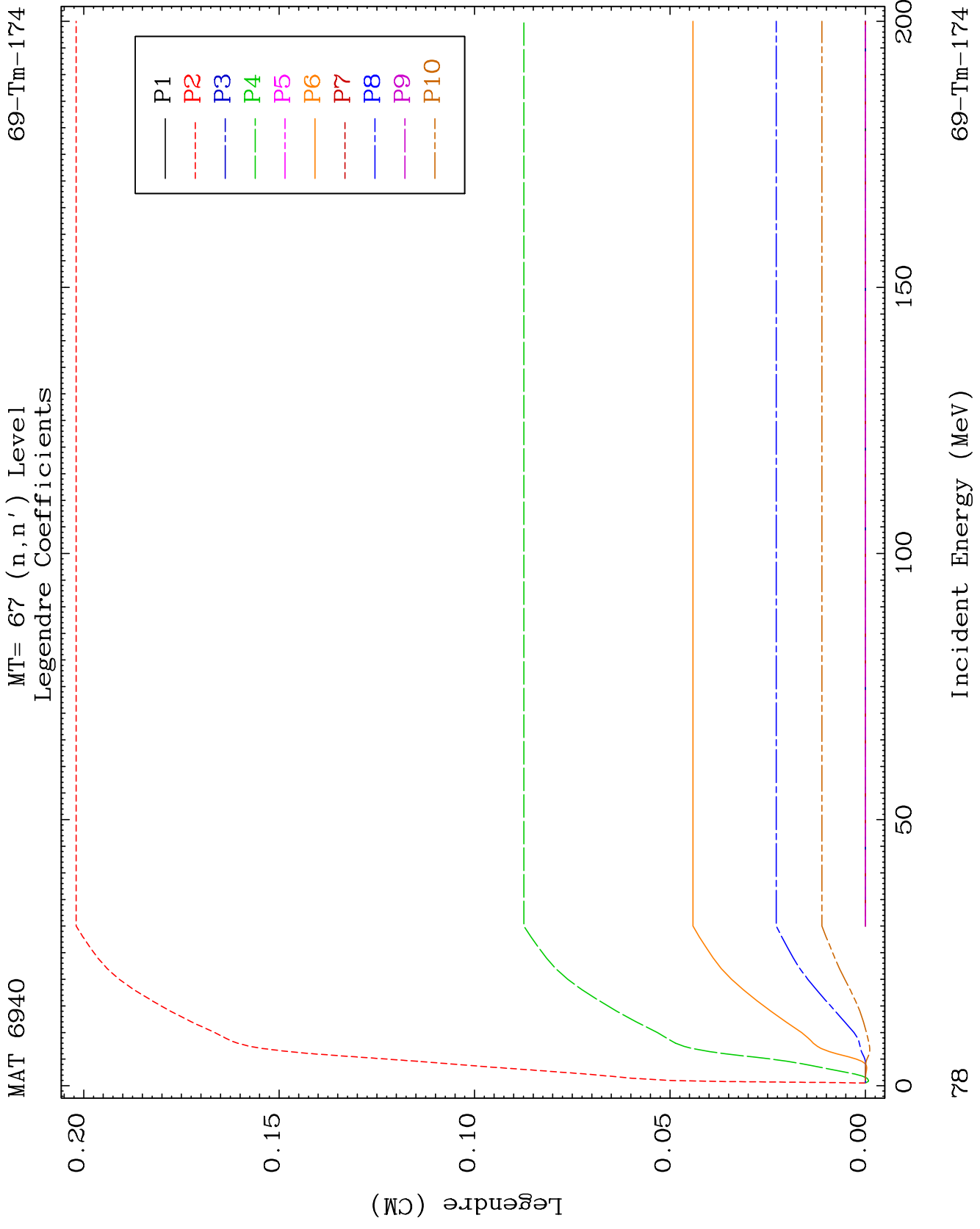
MT= 66 (n,n') Level
Legendre Coefficients

69-Tm-174



77

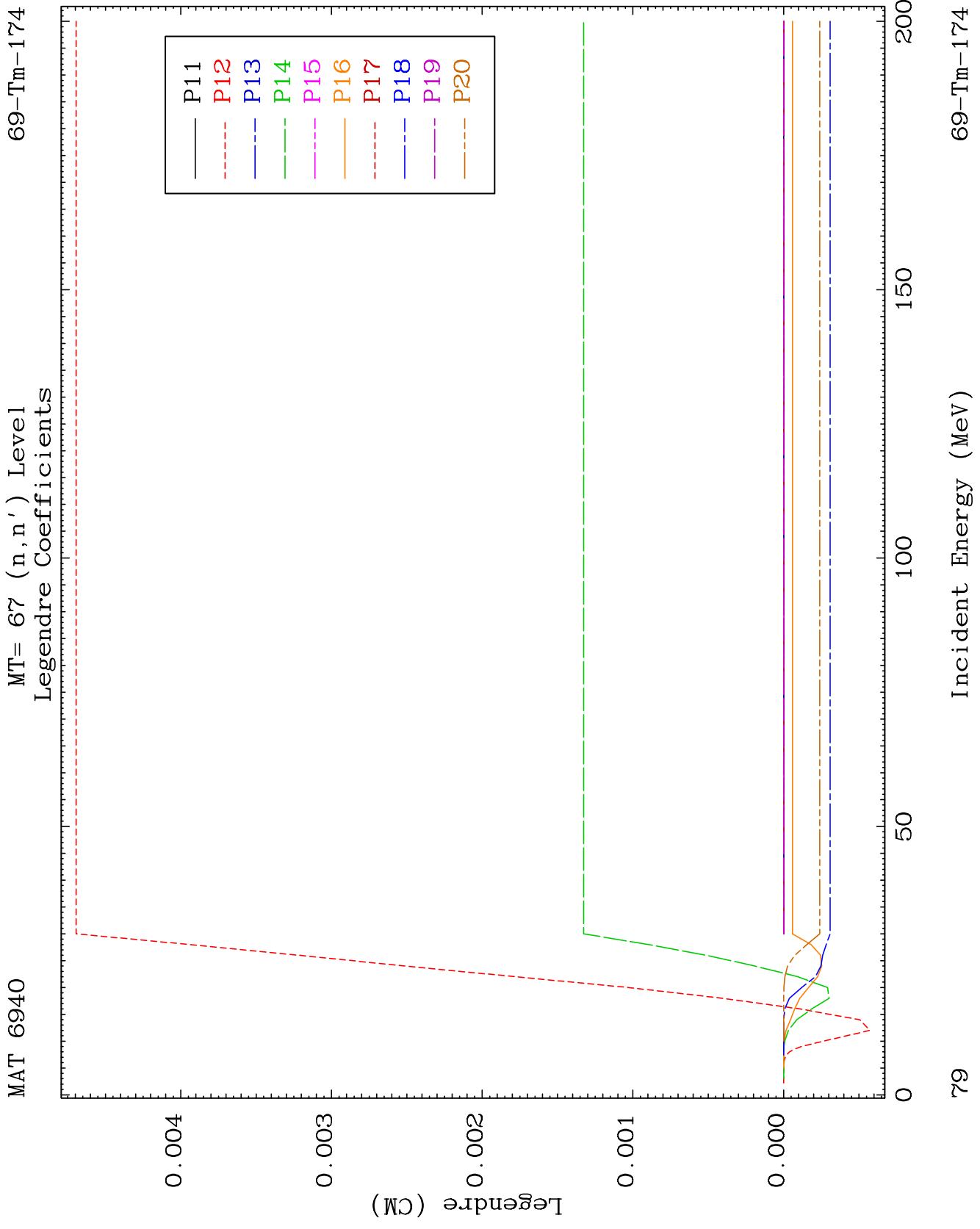
69-Tm-174

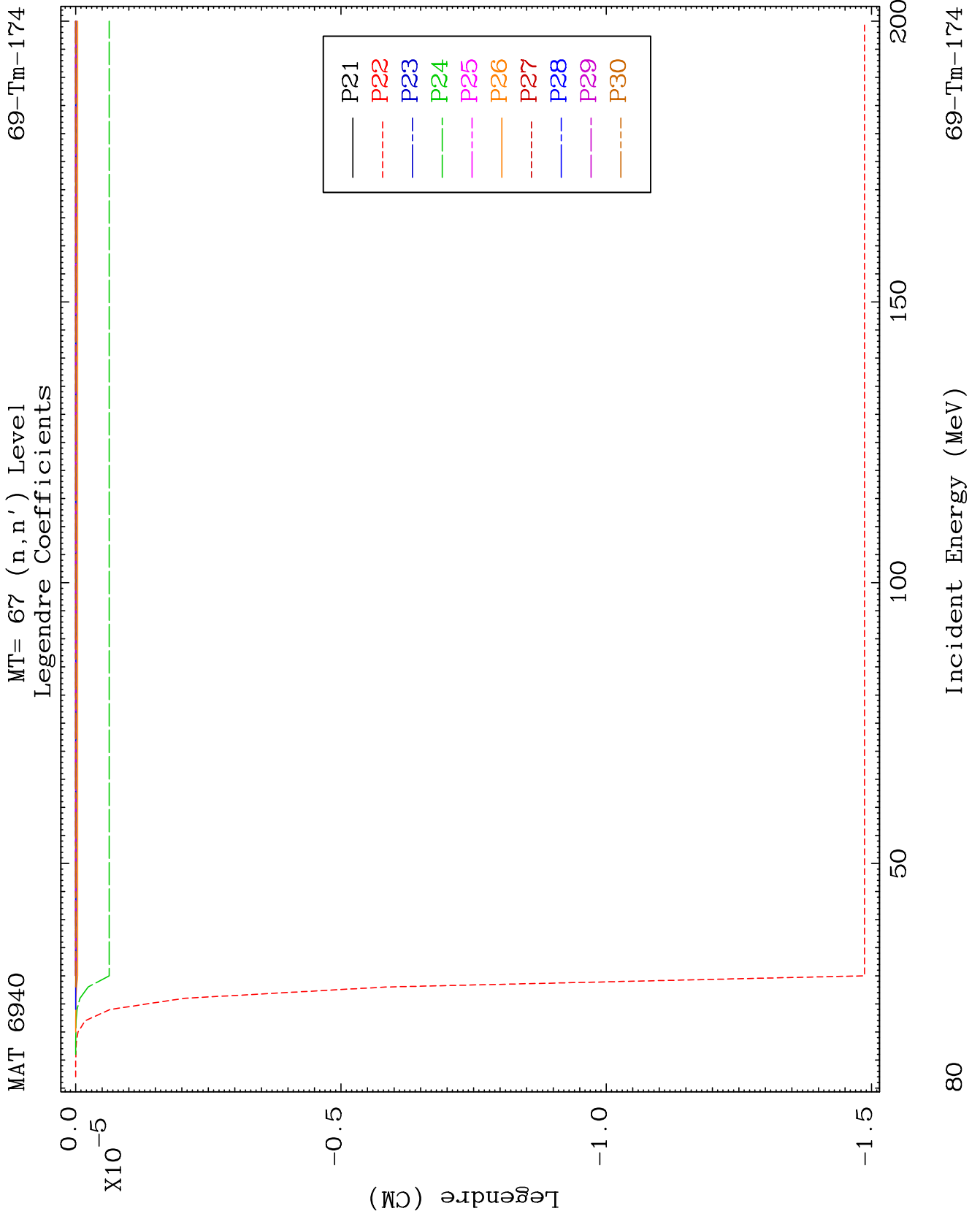


69-Tm-174

Incident Energy (MeV)

78

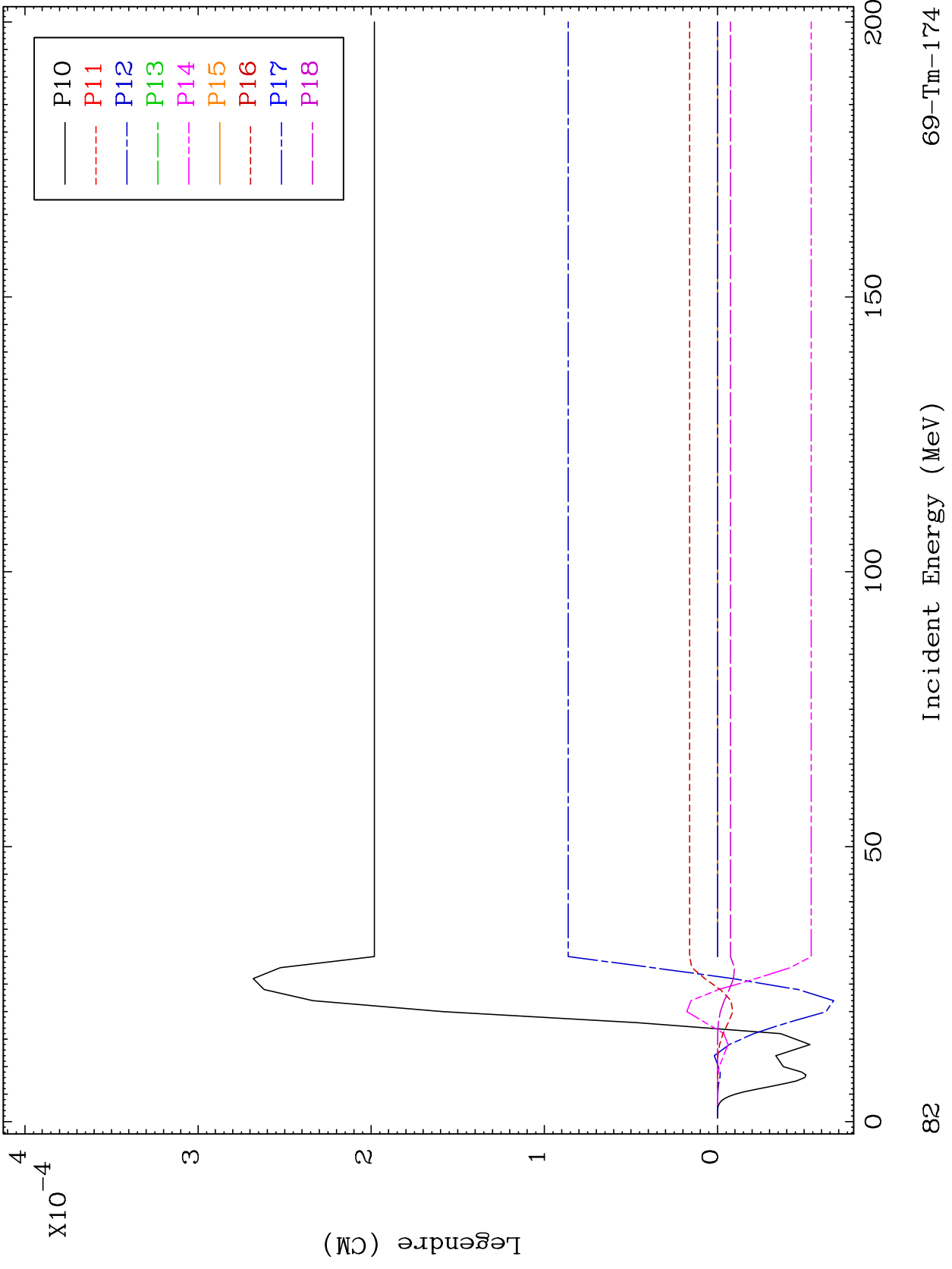


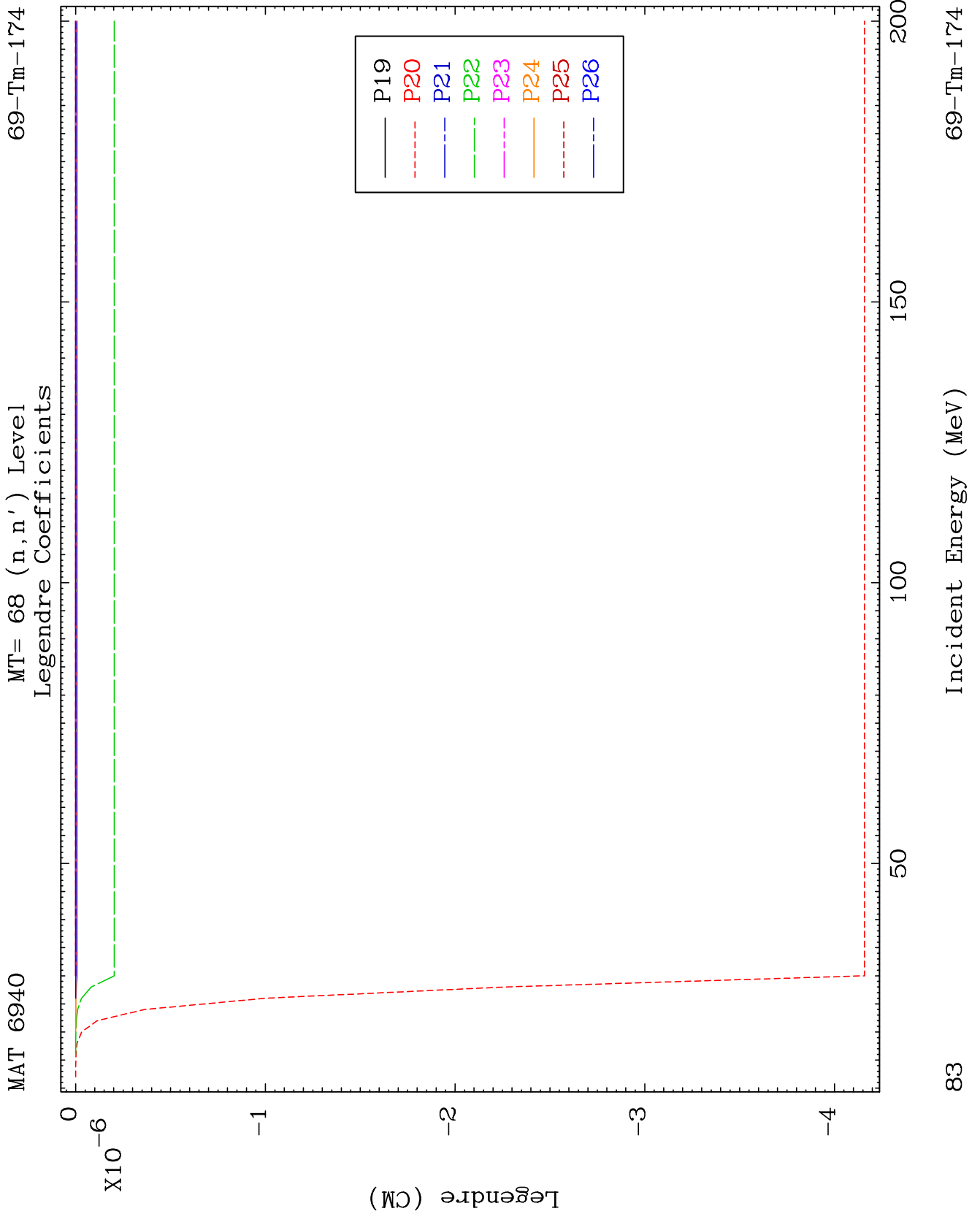


MAT 6940

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

69-Tm-174

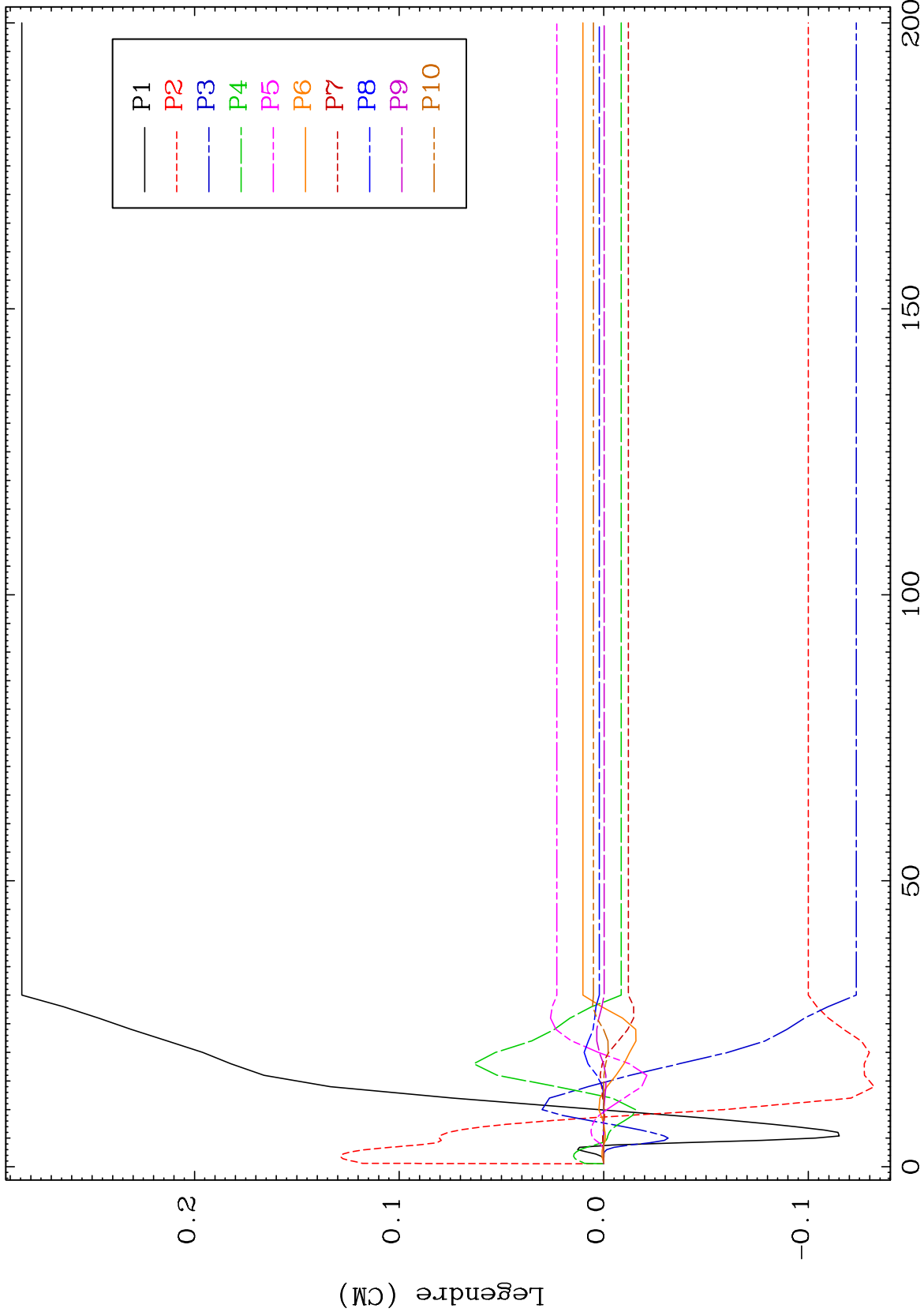




MAT 6940

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

69-Tm-174



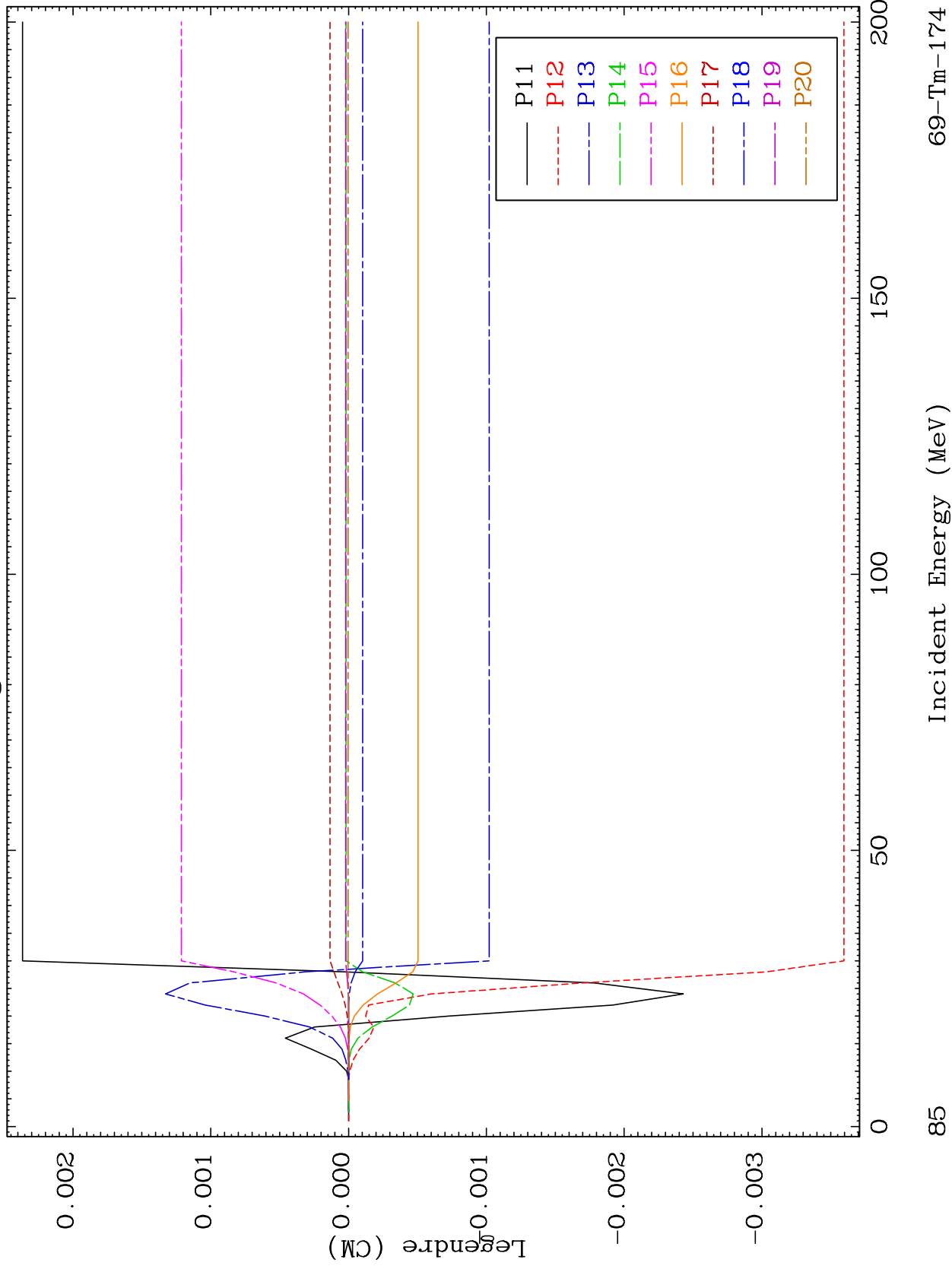
84

69-Tm-174

MAT 6940

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

69-Tm-174



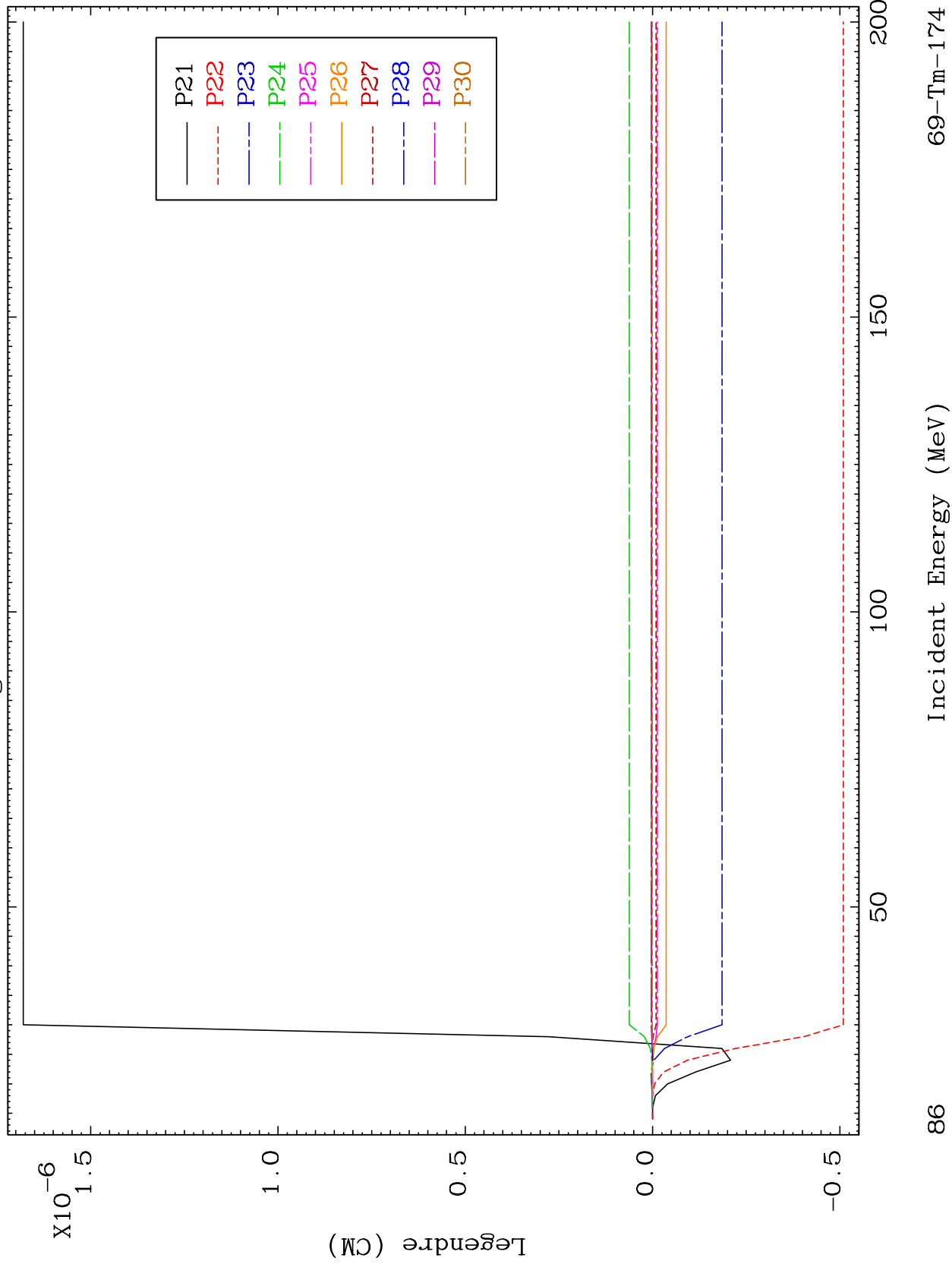
85

69-Tm-174

MAT 6940

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

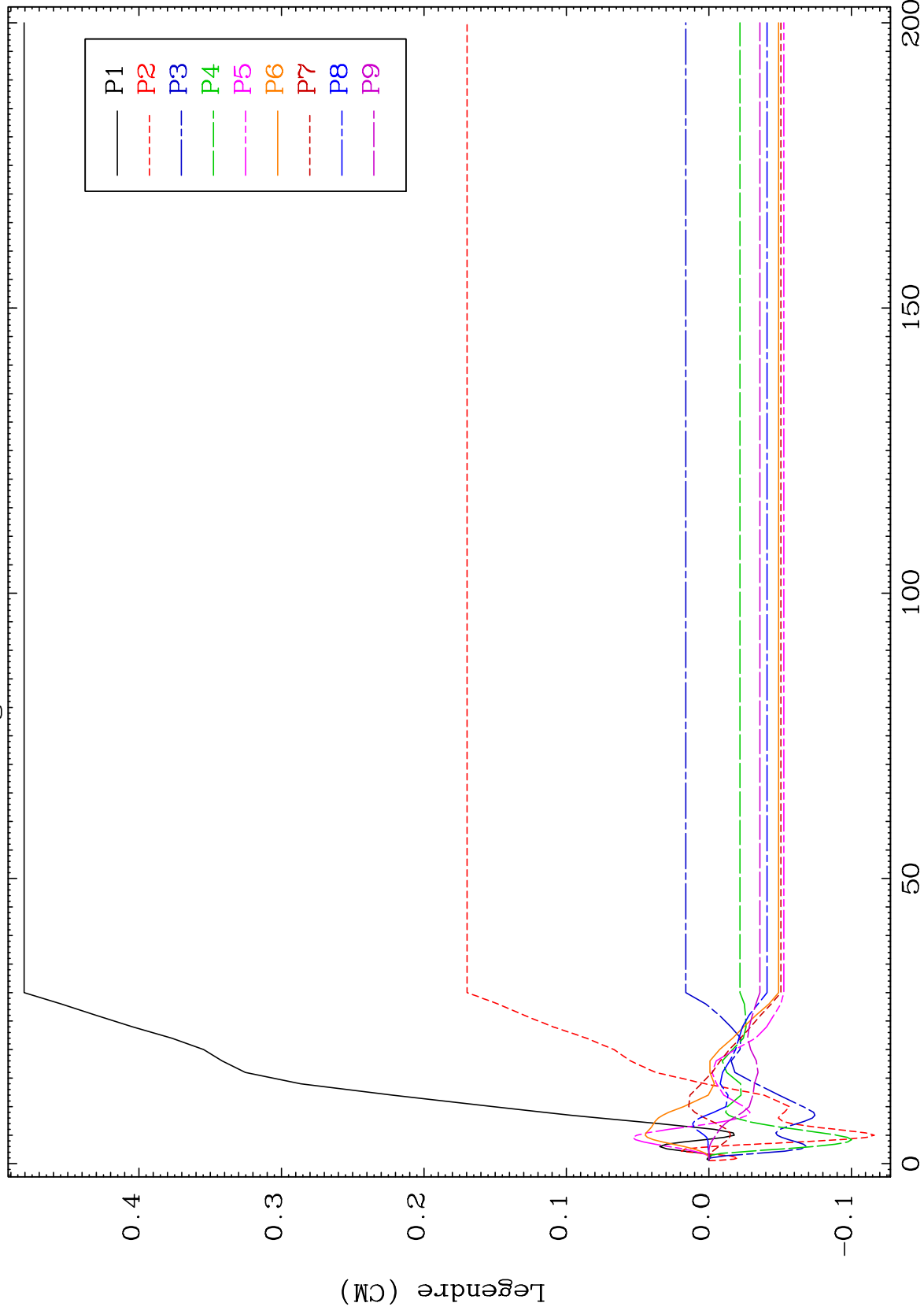
69-Tm-174



MAT 6940

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

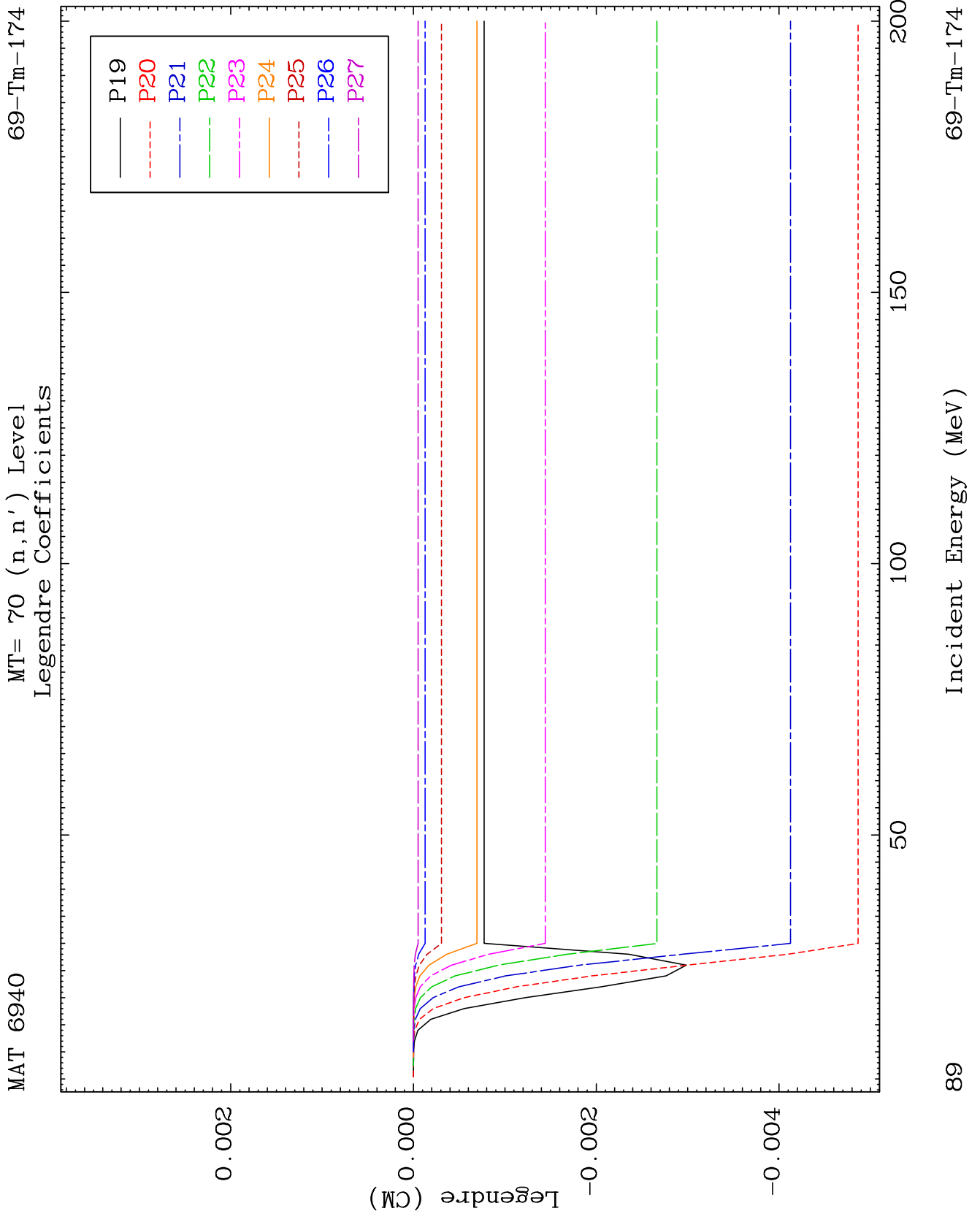
69-Tm-174

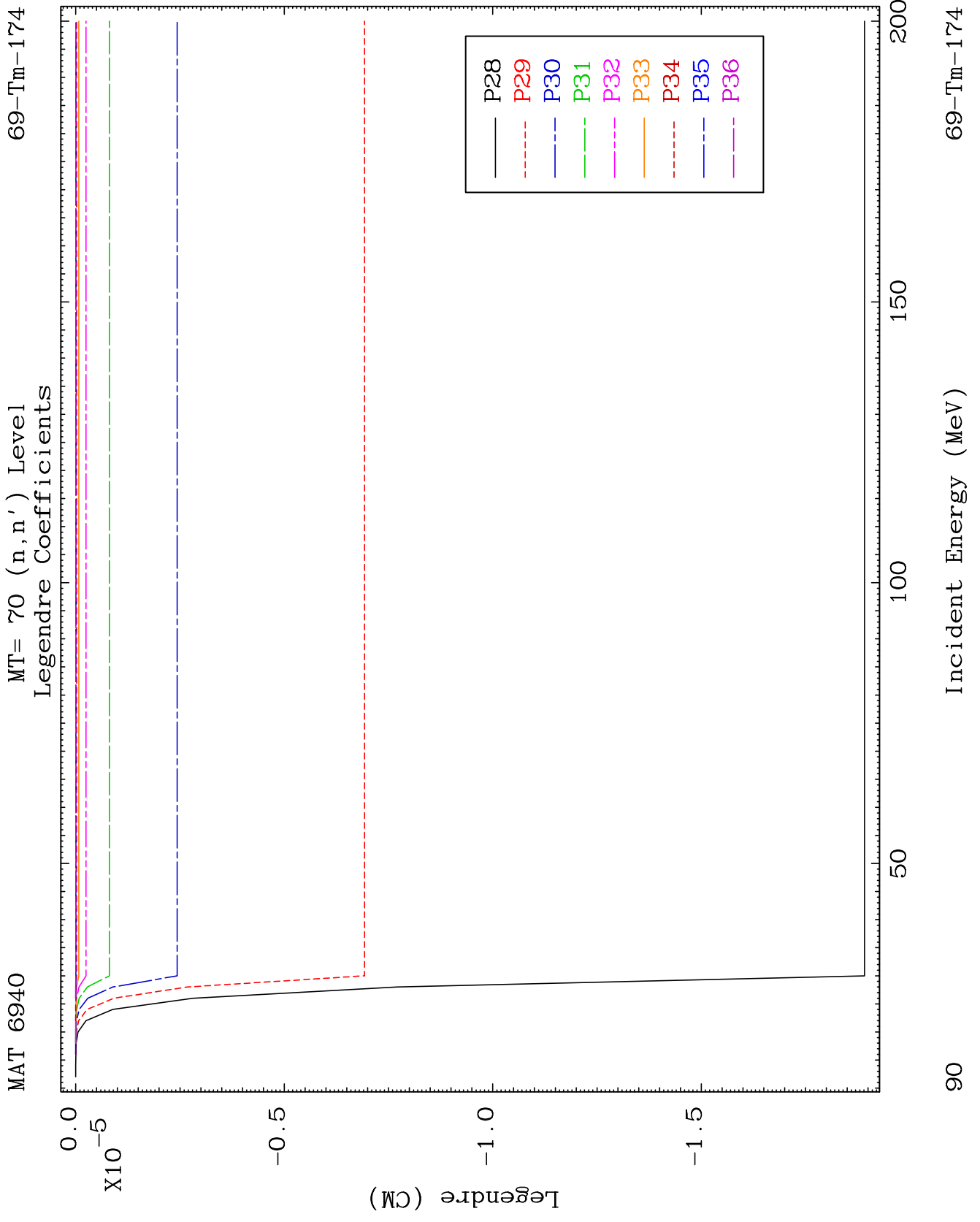


87

Incident Energy (MeV)

69-Tm-174

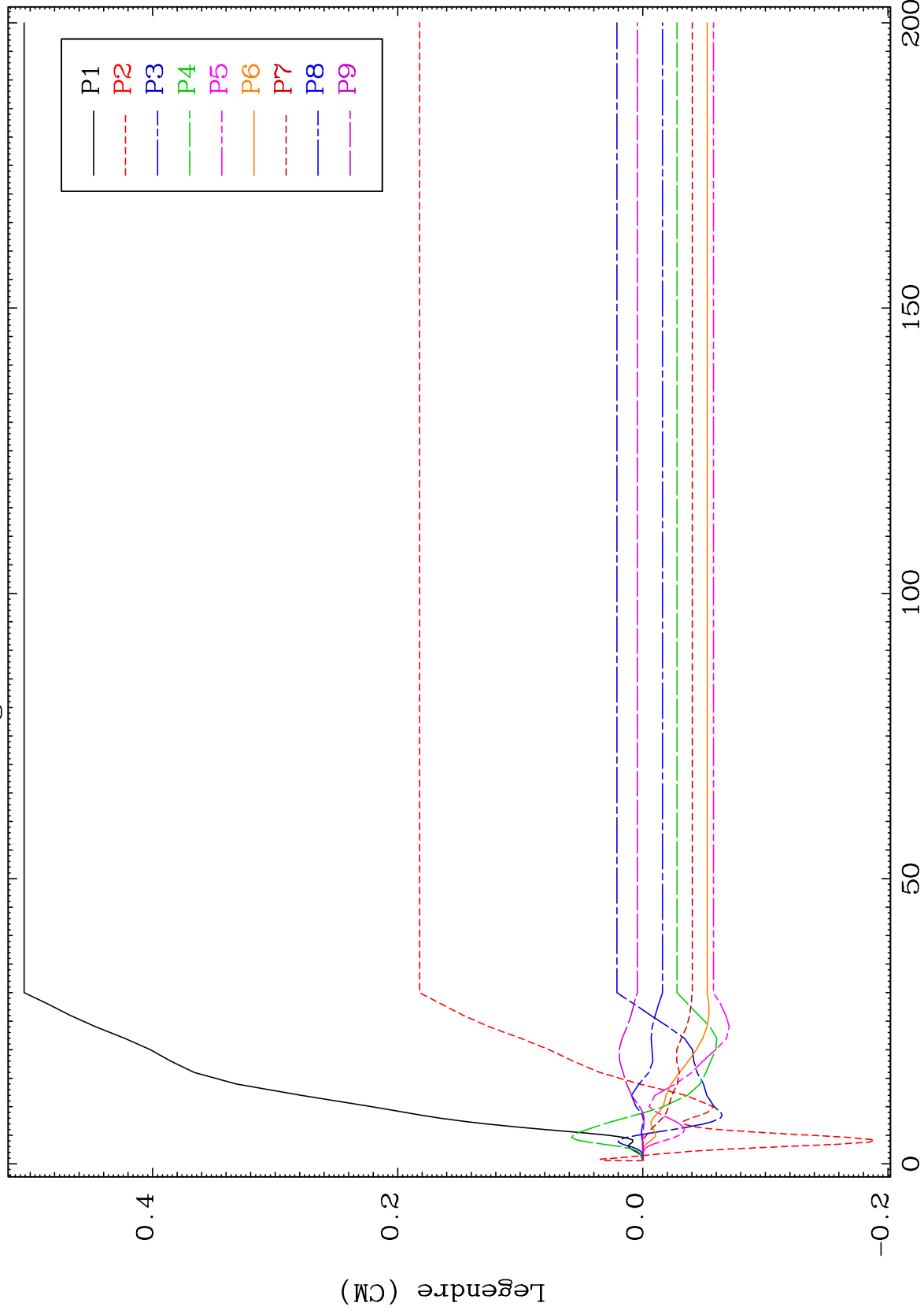




MAT 6940

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

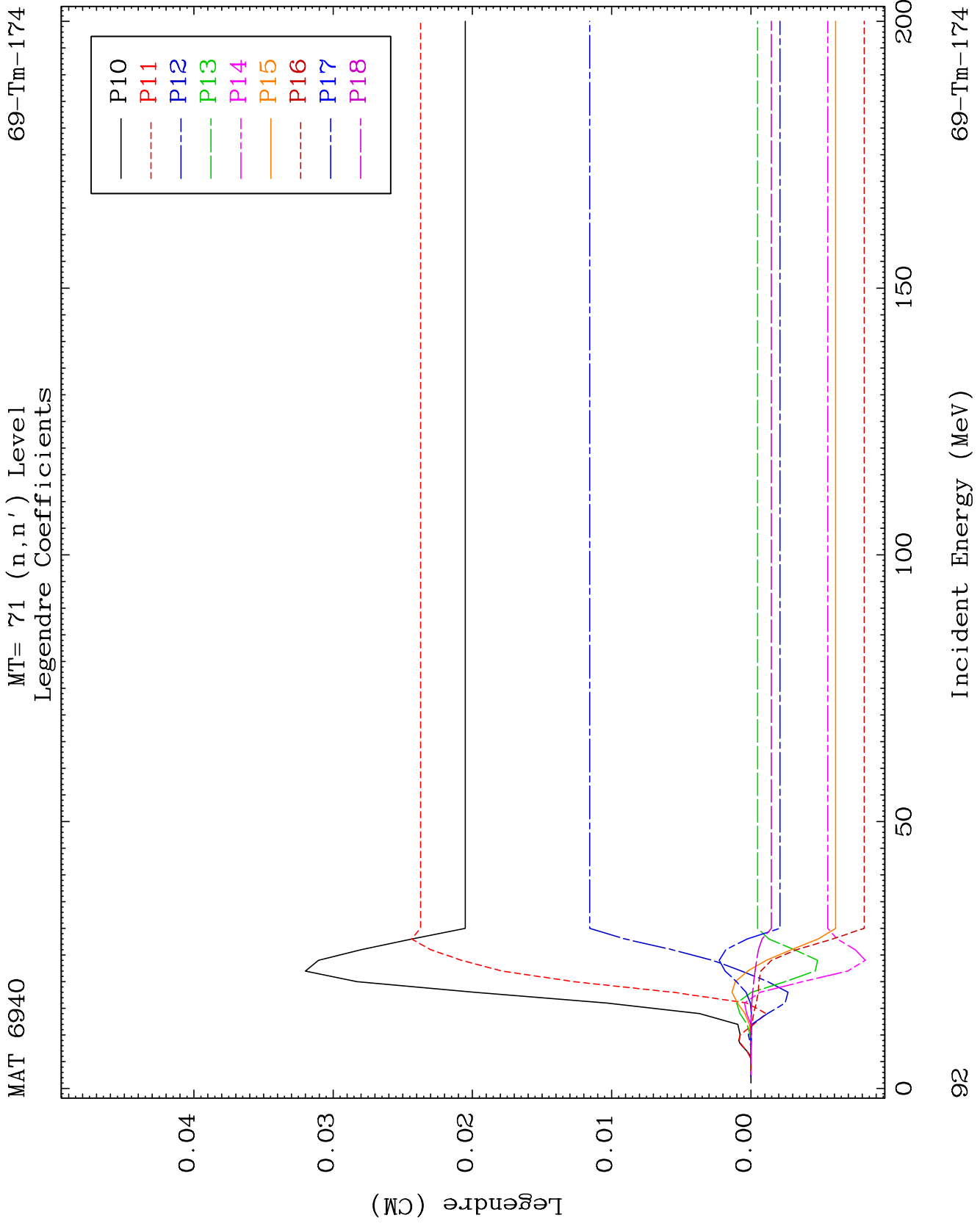
69-Tm-174



91

Incident Energy (MeV)

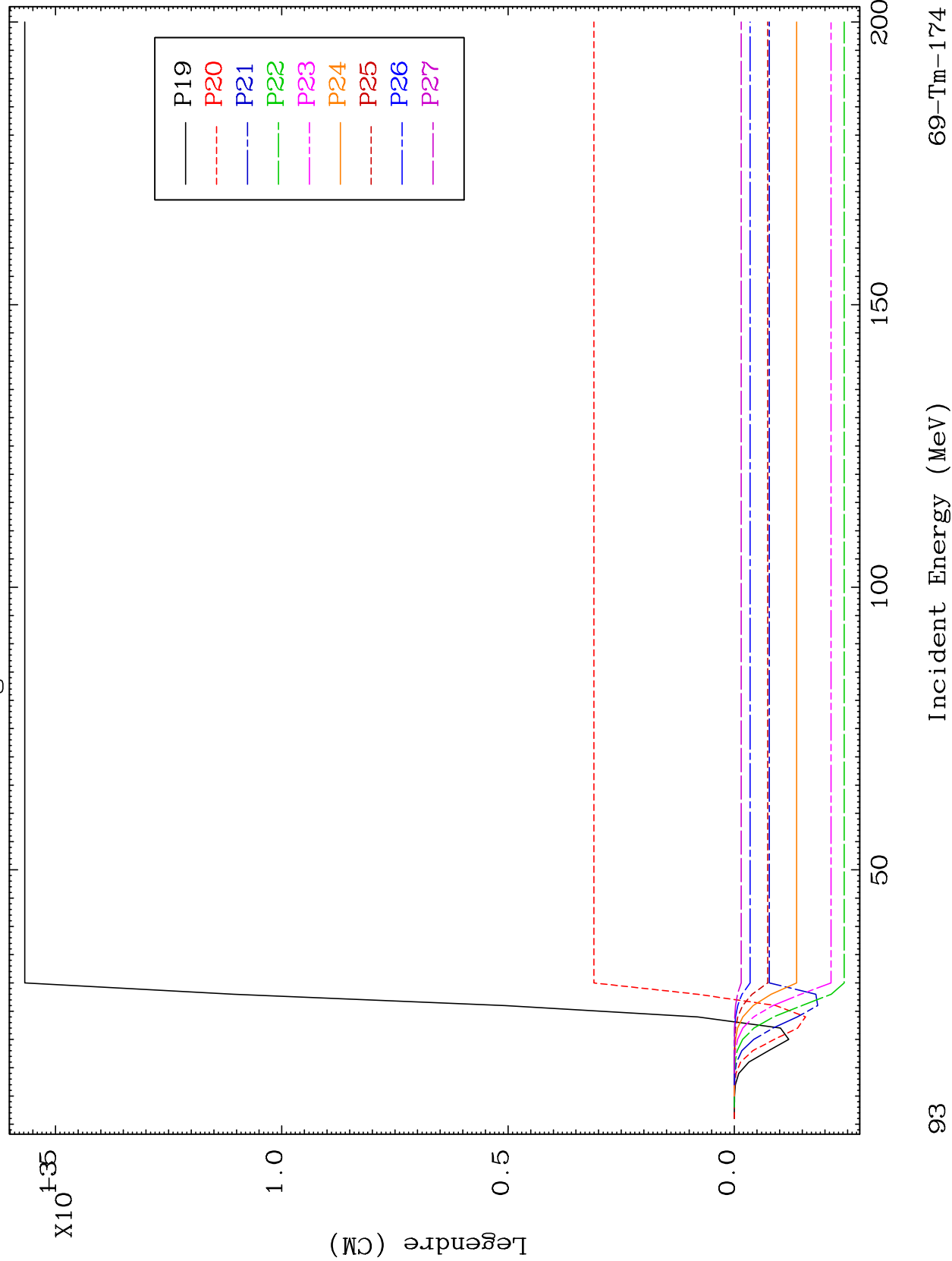
69-Tm-174



MAT 6940

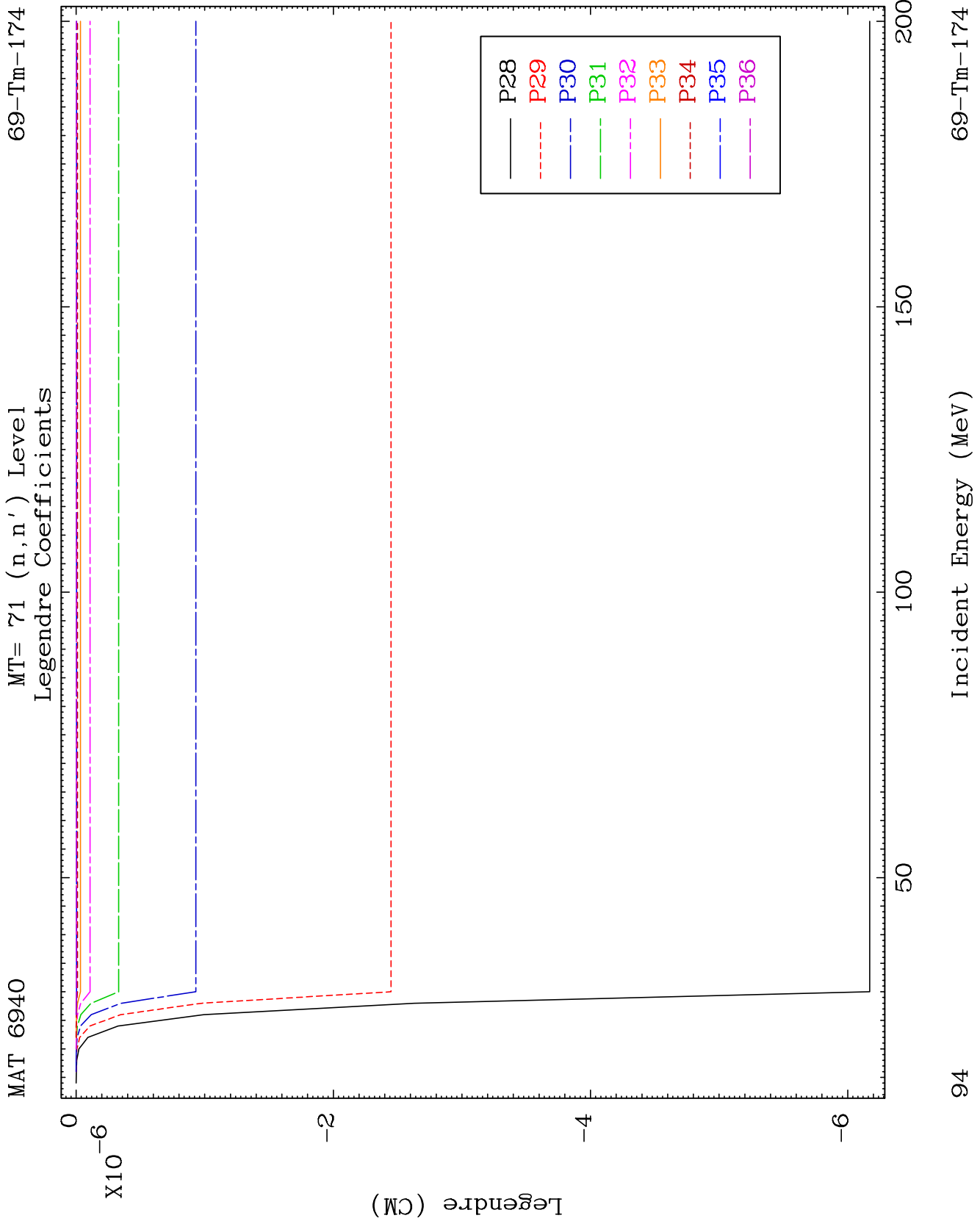
MT= 71 (n,n') Level
Legendre Coefficients

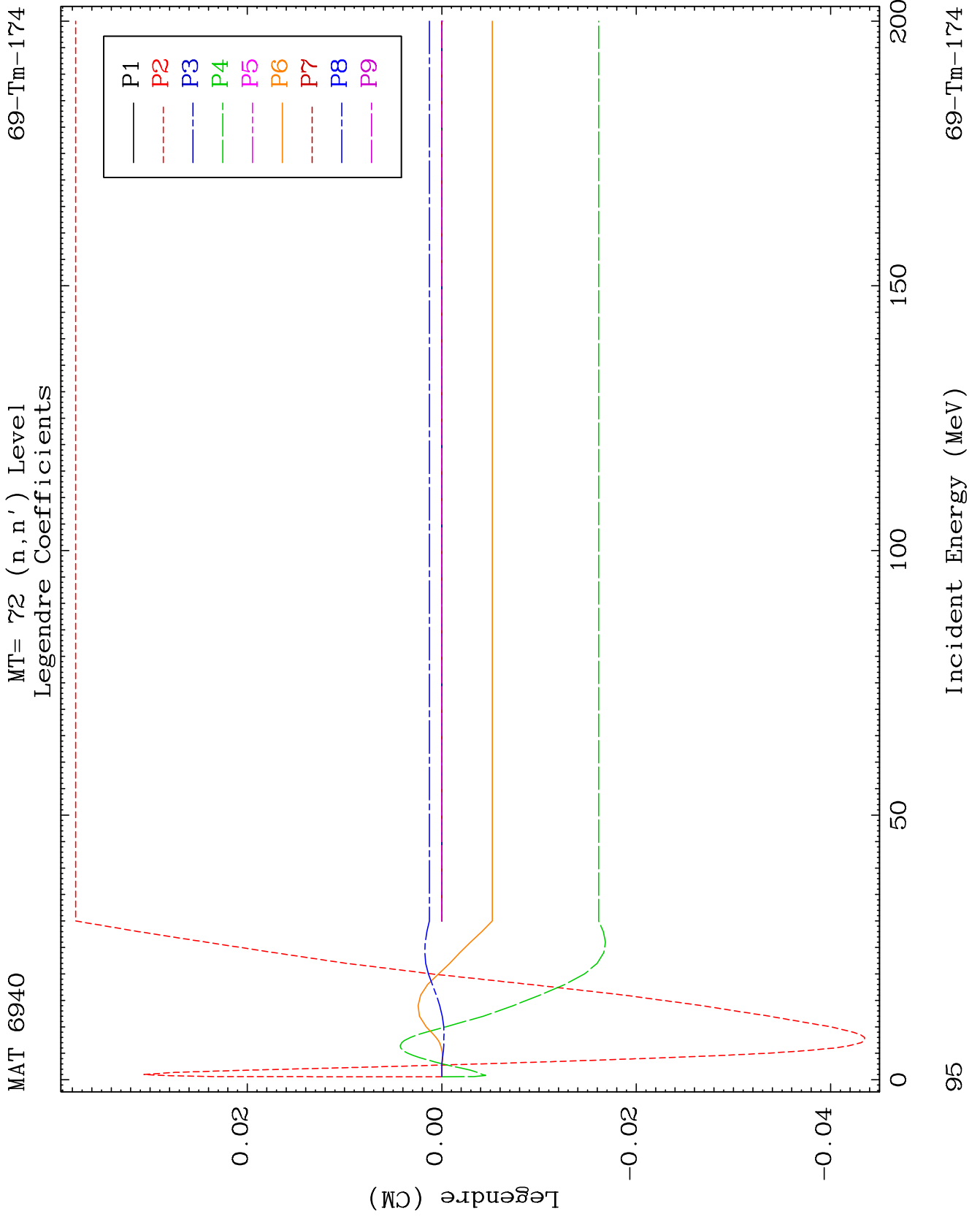
69-Tm-174



93

69-Tm-174

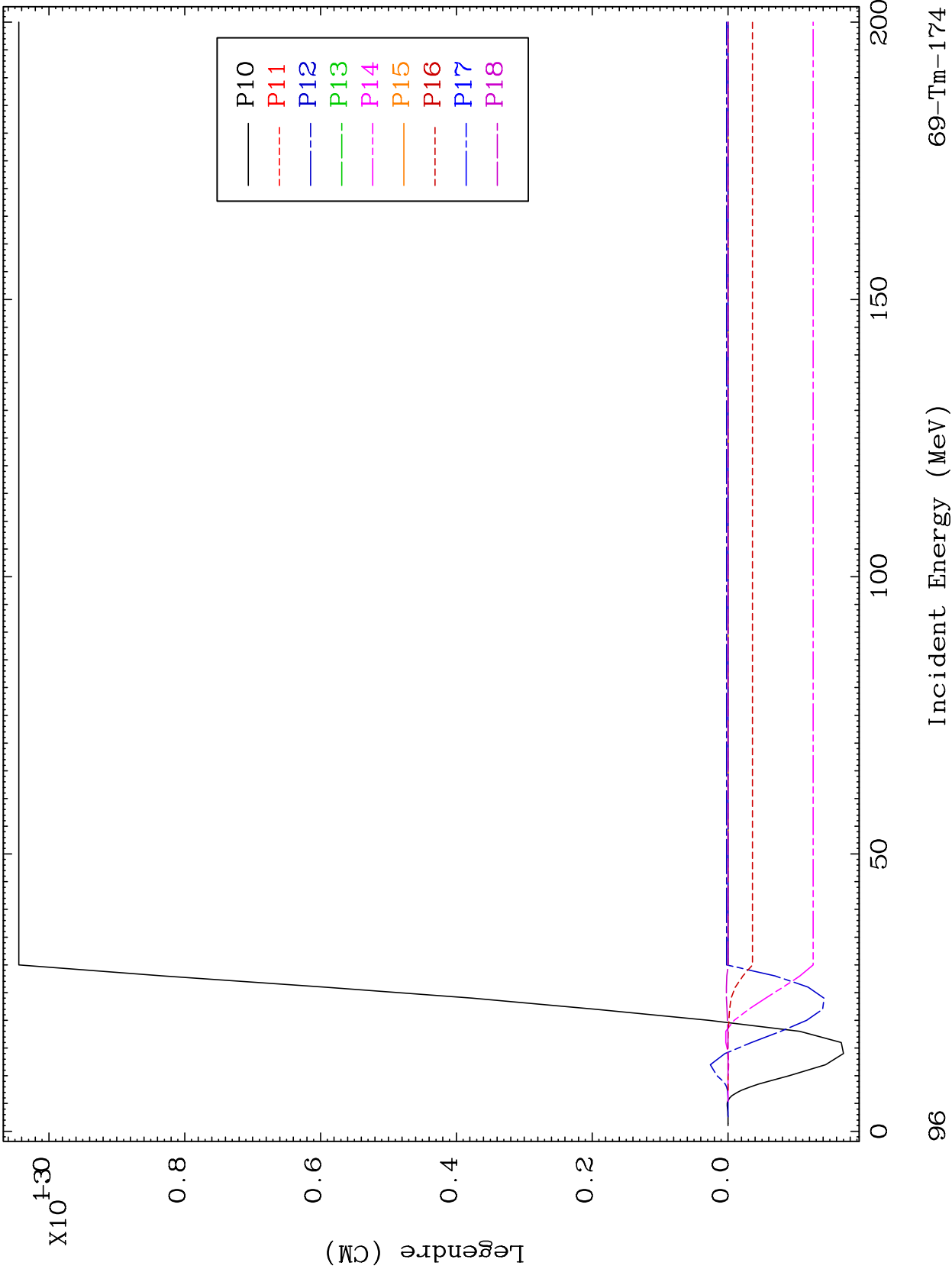




MAT 6940

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

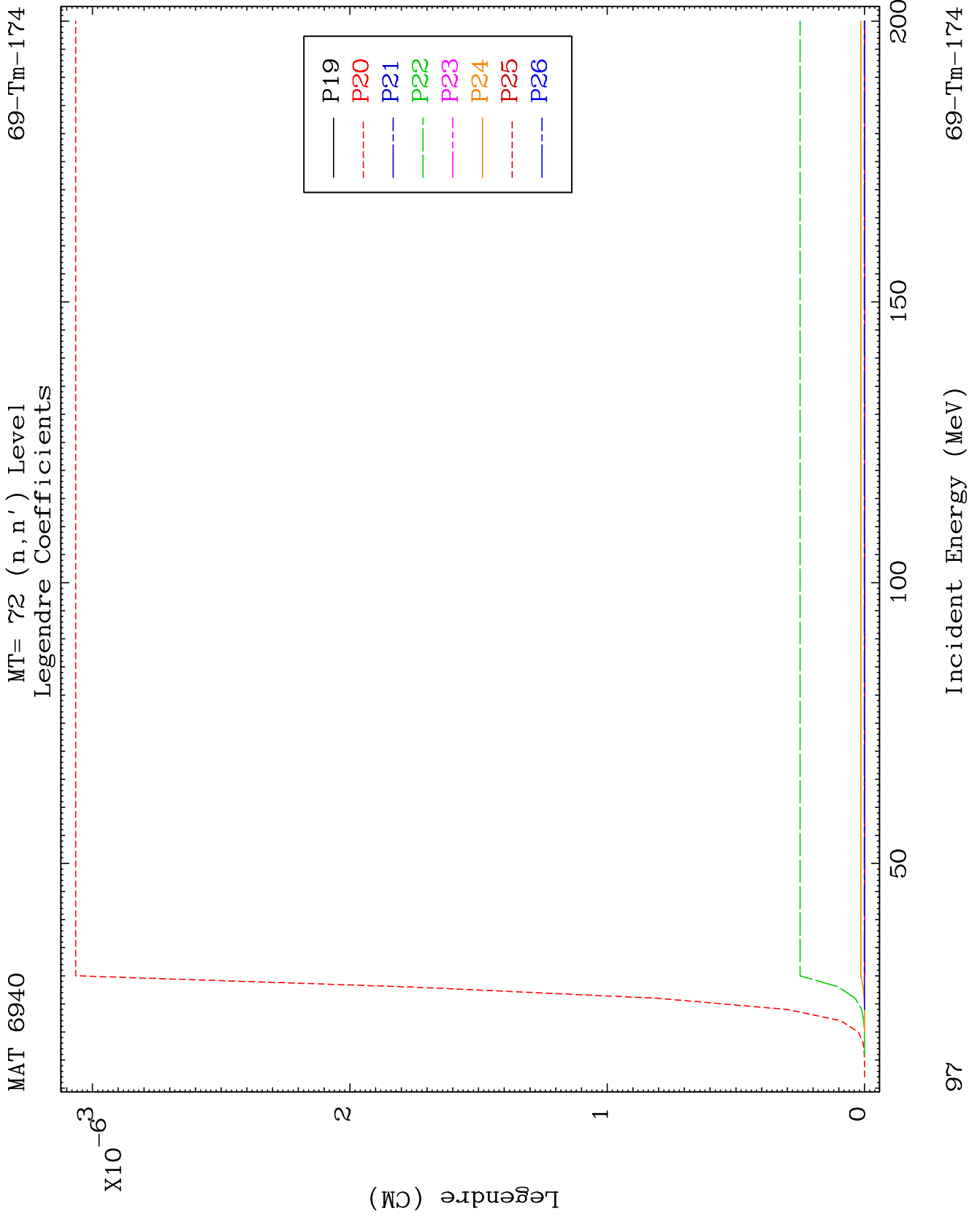
69-Tm-174



96

Incident Energy (MeV)

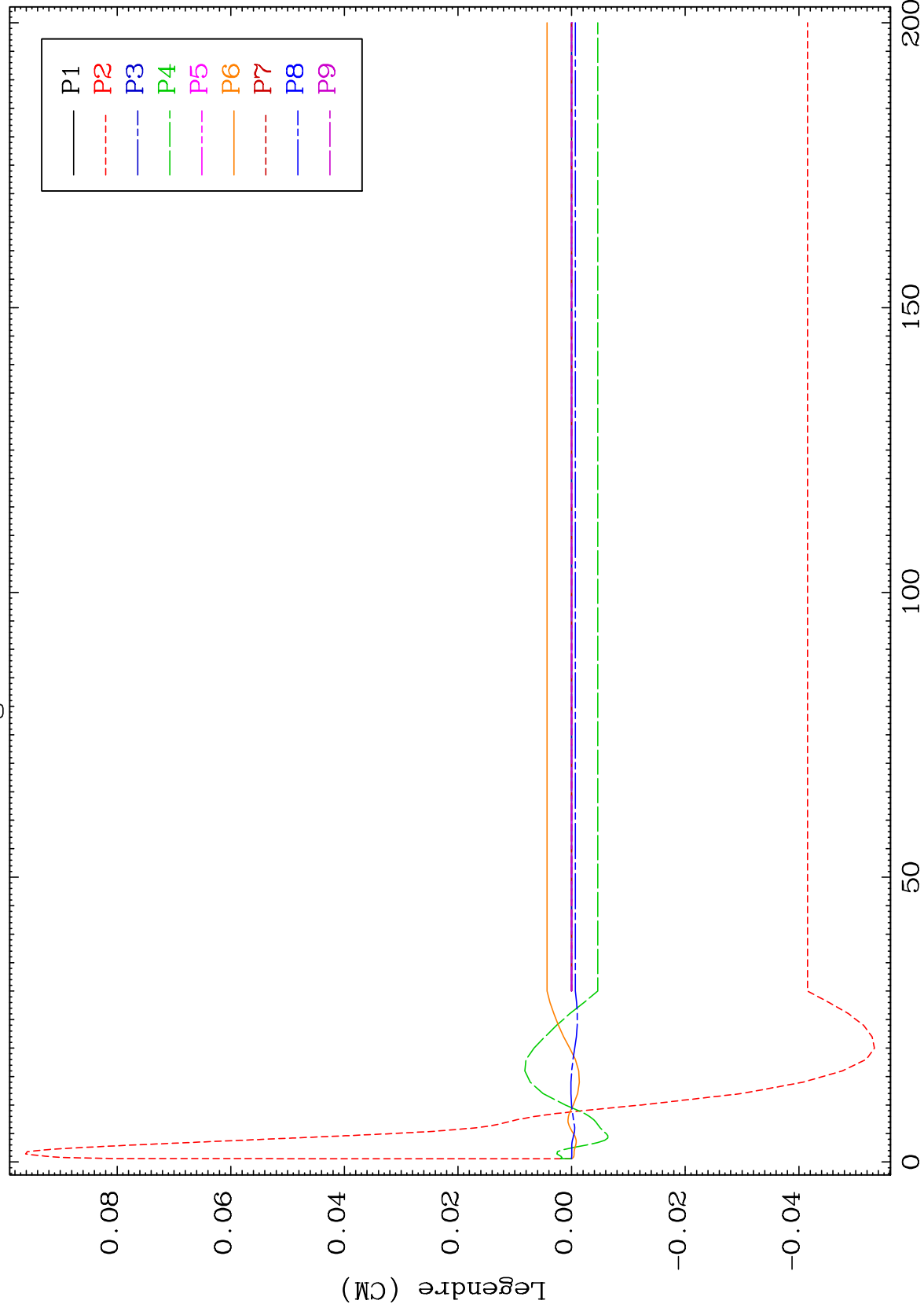
69-Tm-174



MAT 6940

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

69-Tm-174



98

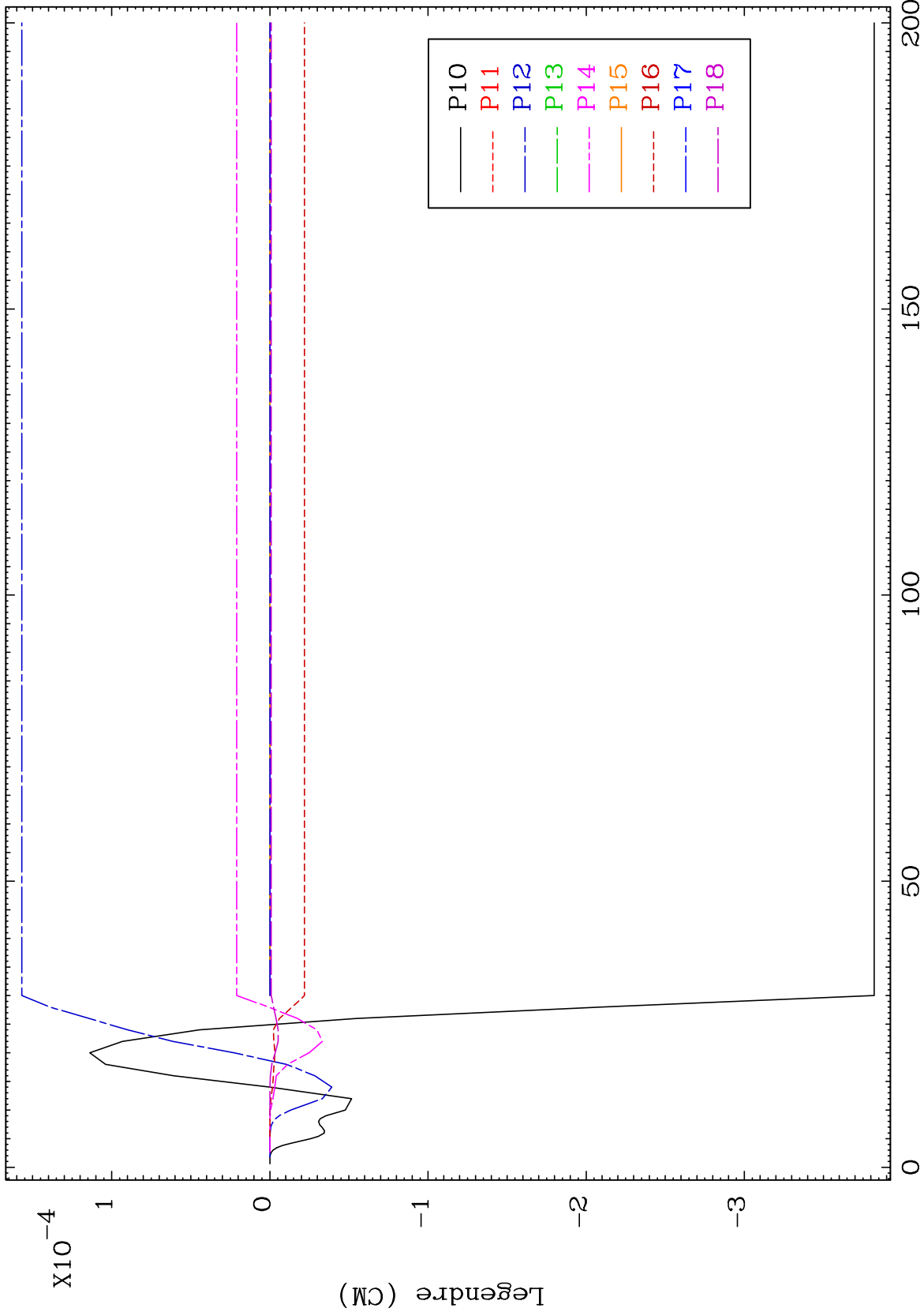
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

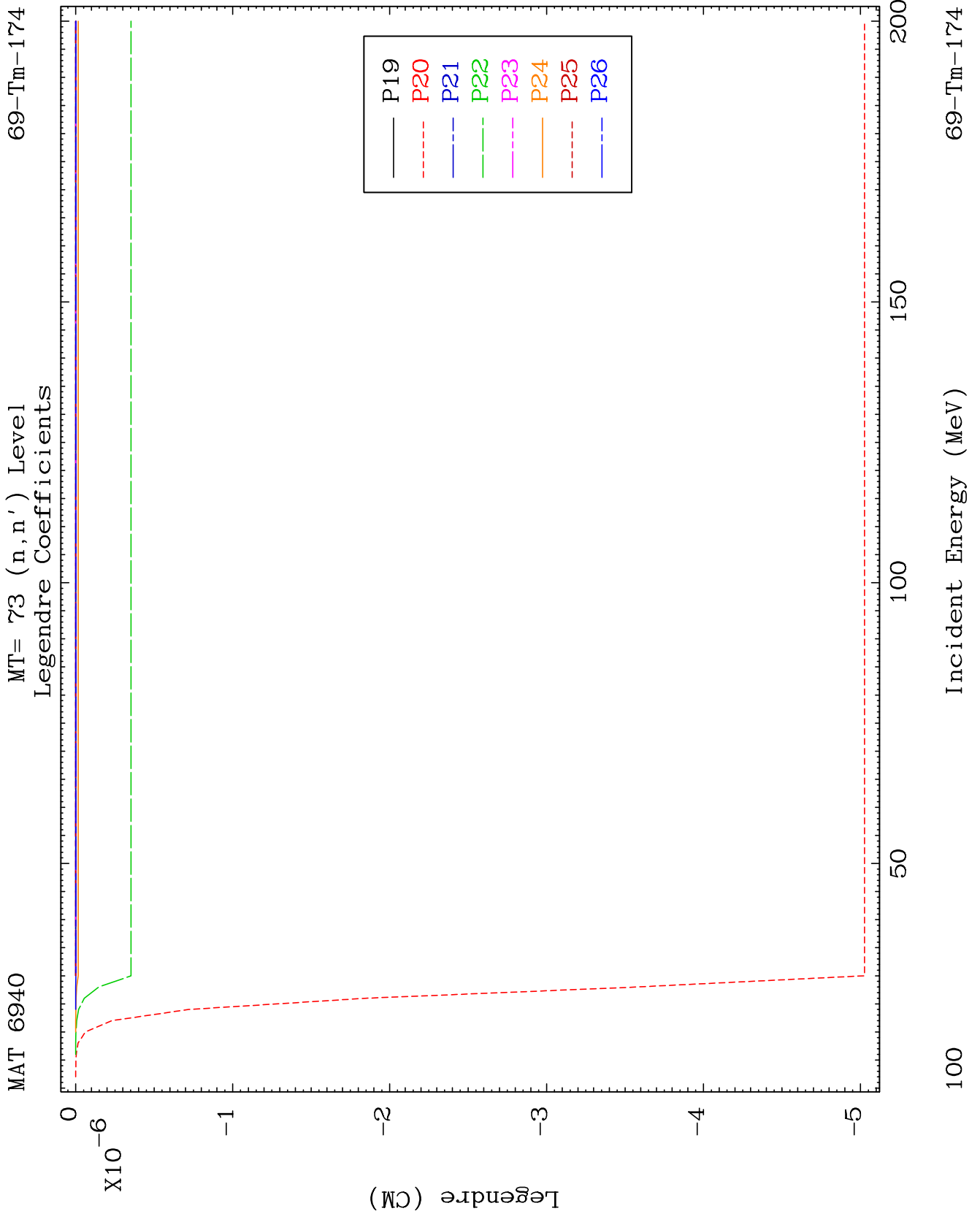
69-Tm-174



99

Incident Energy (MeV)

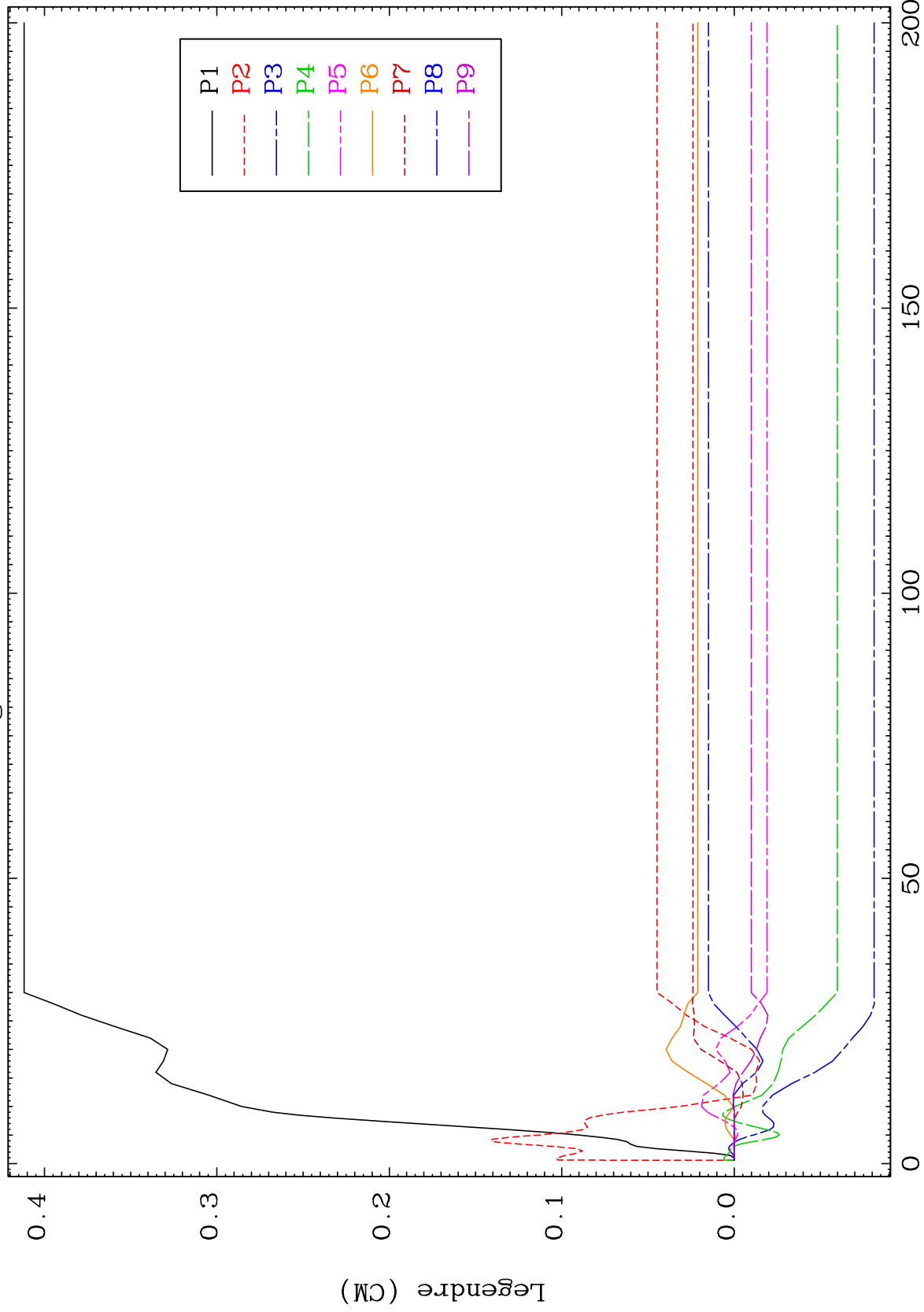
69-Tm-174



MAT 6940

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

69-Tm-174



101

Incident Energy (MeV)

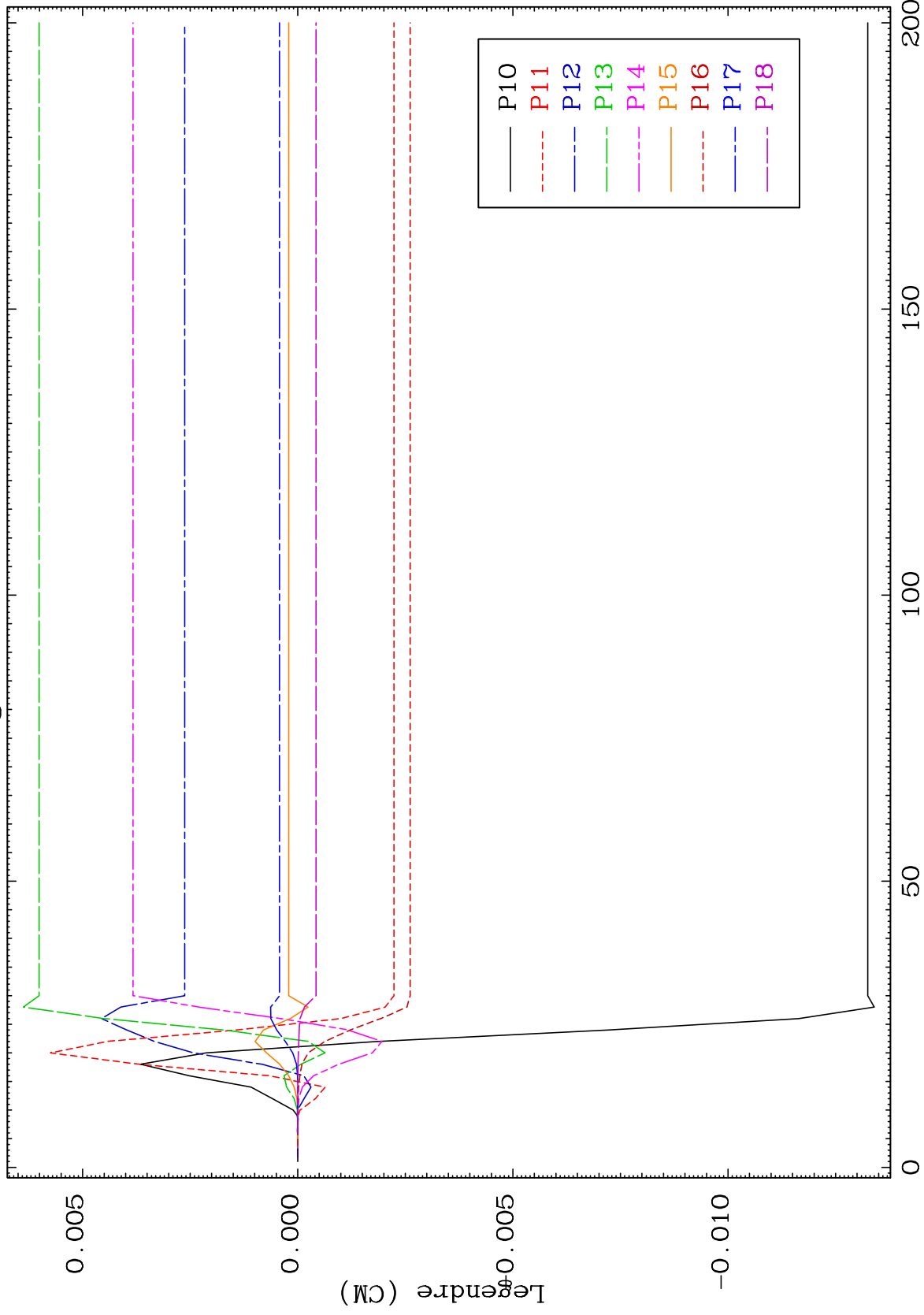
69-Tm-174

MAT 6940

MT= 74 (n,n') Level

69-Tm-174

Legendre Coefficients



102

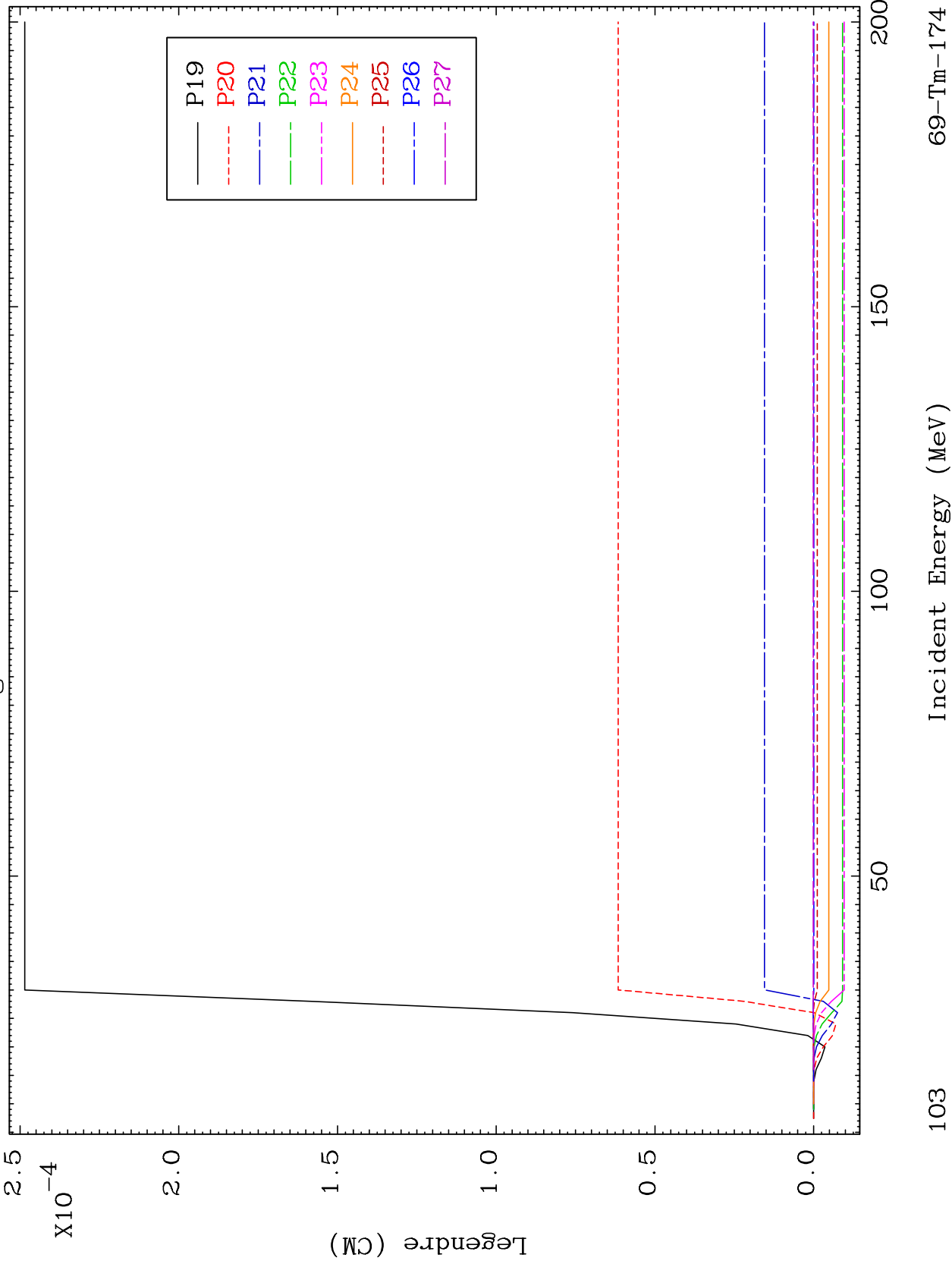
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

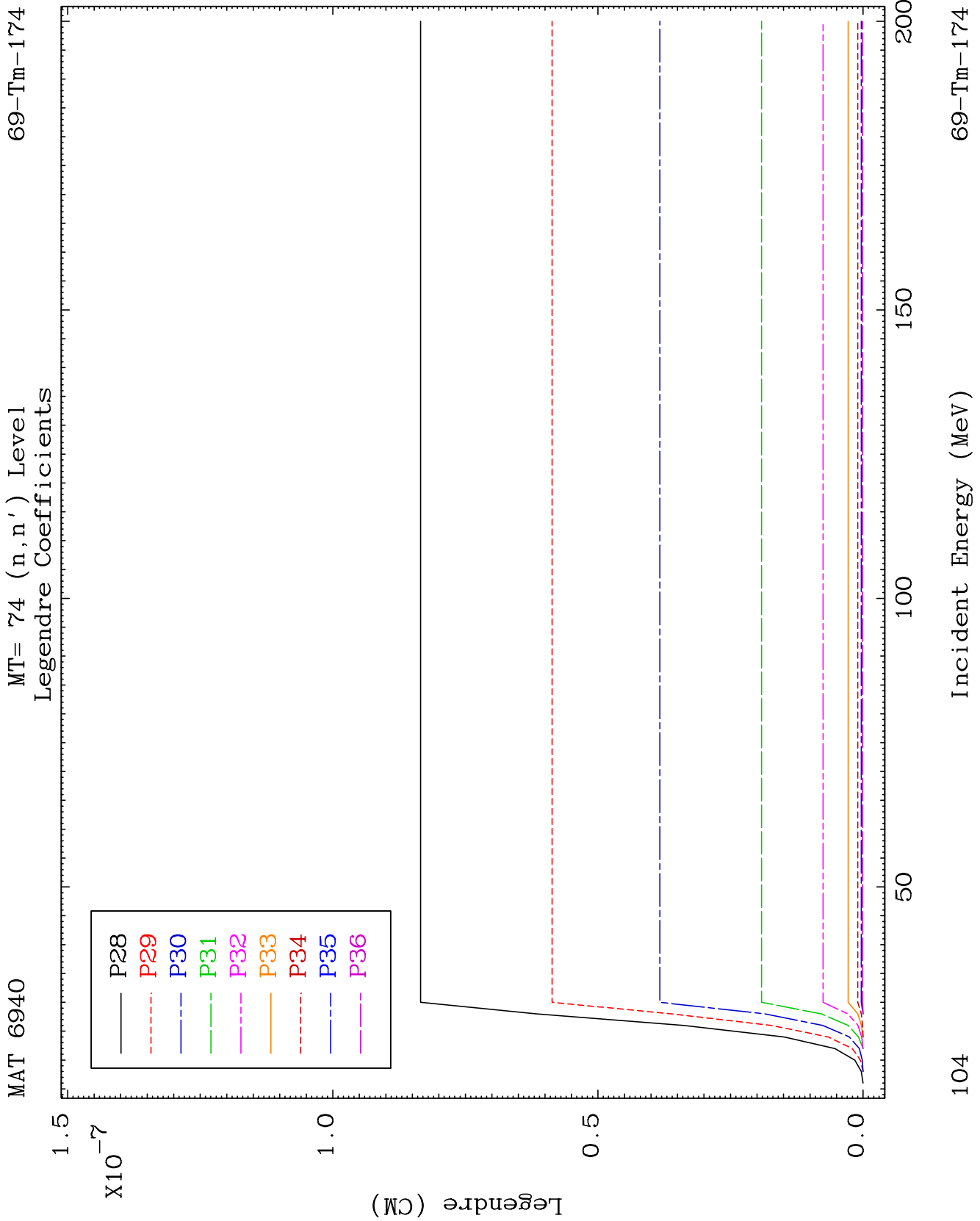
69-Tm-174



103

Incident Energy (MeV)

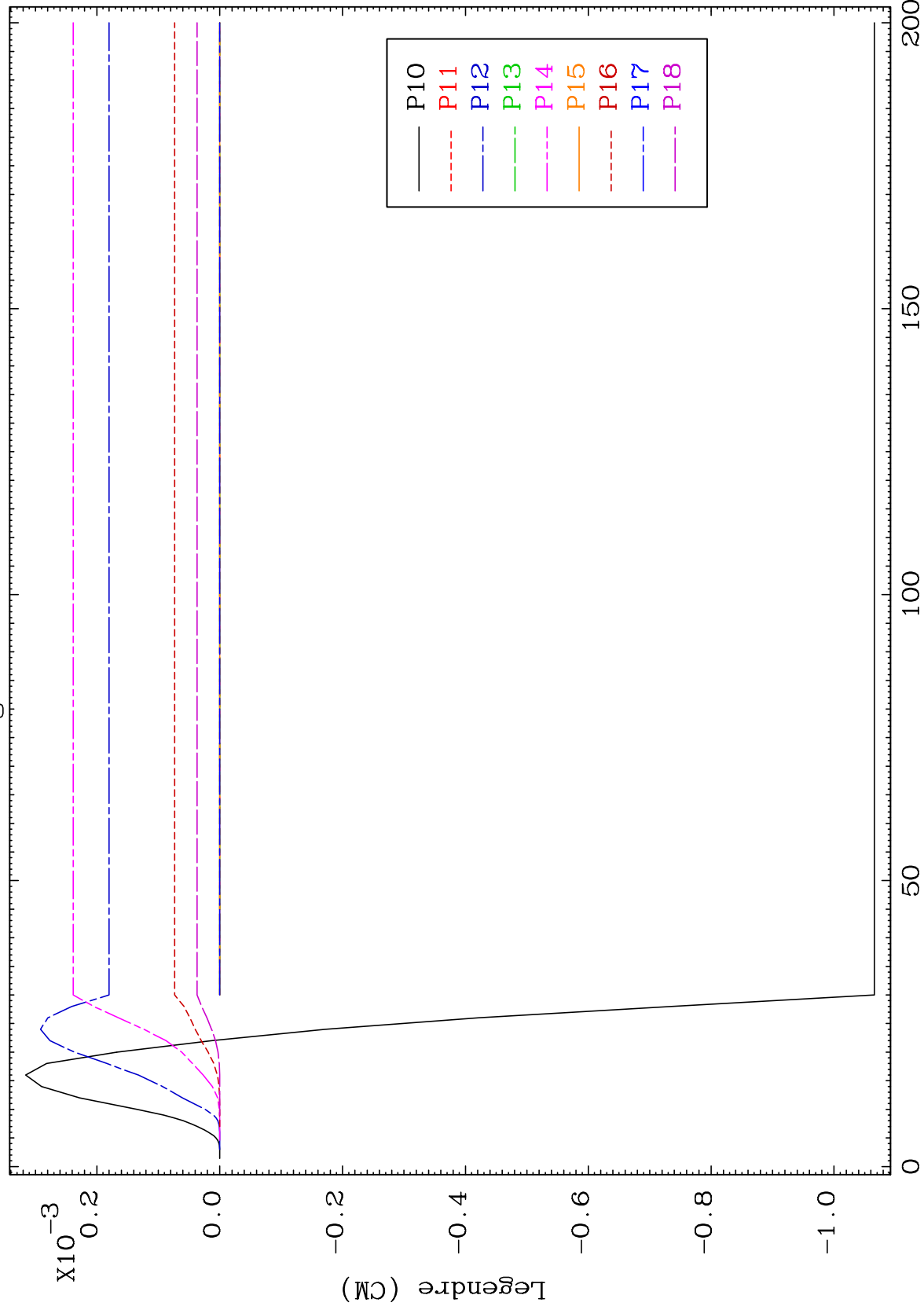
69-Tm-174



MAT 6940

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

69-Tm-174



106

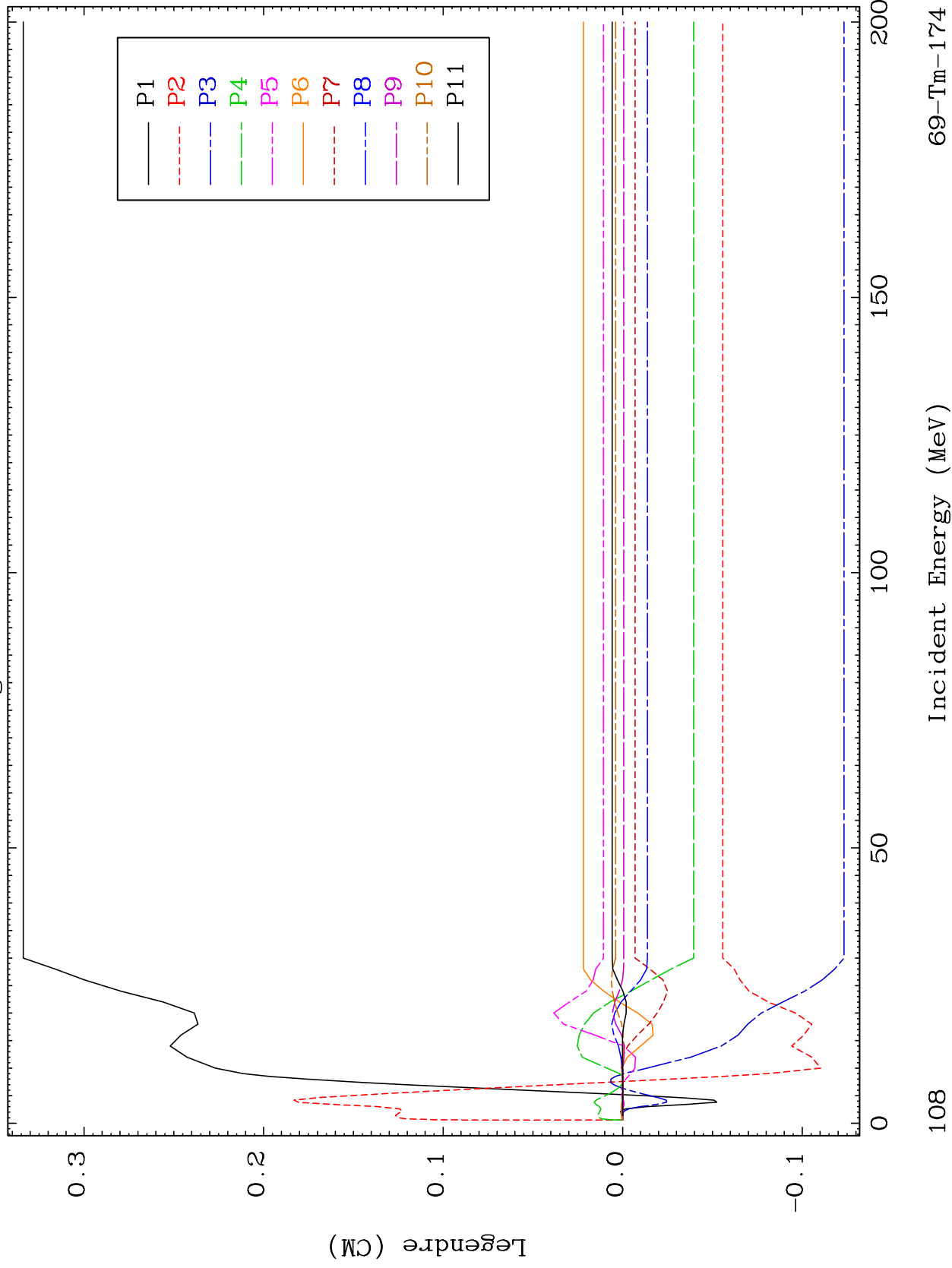
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



69-Tm-174

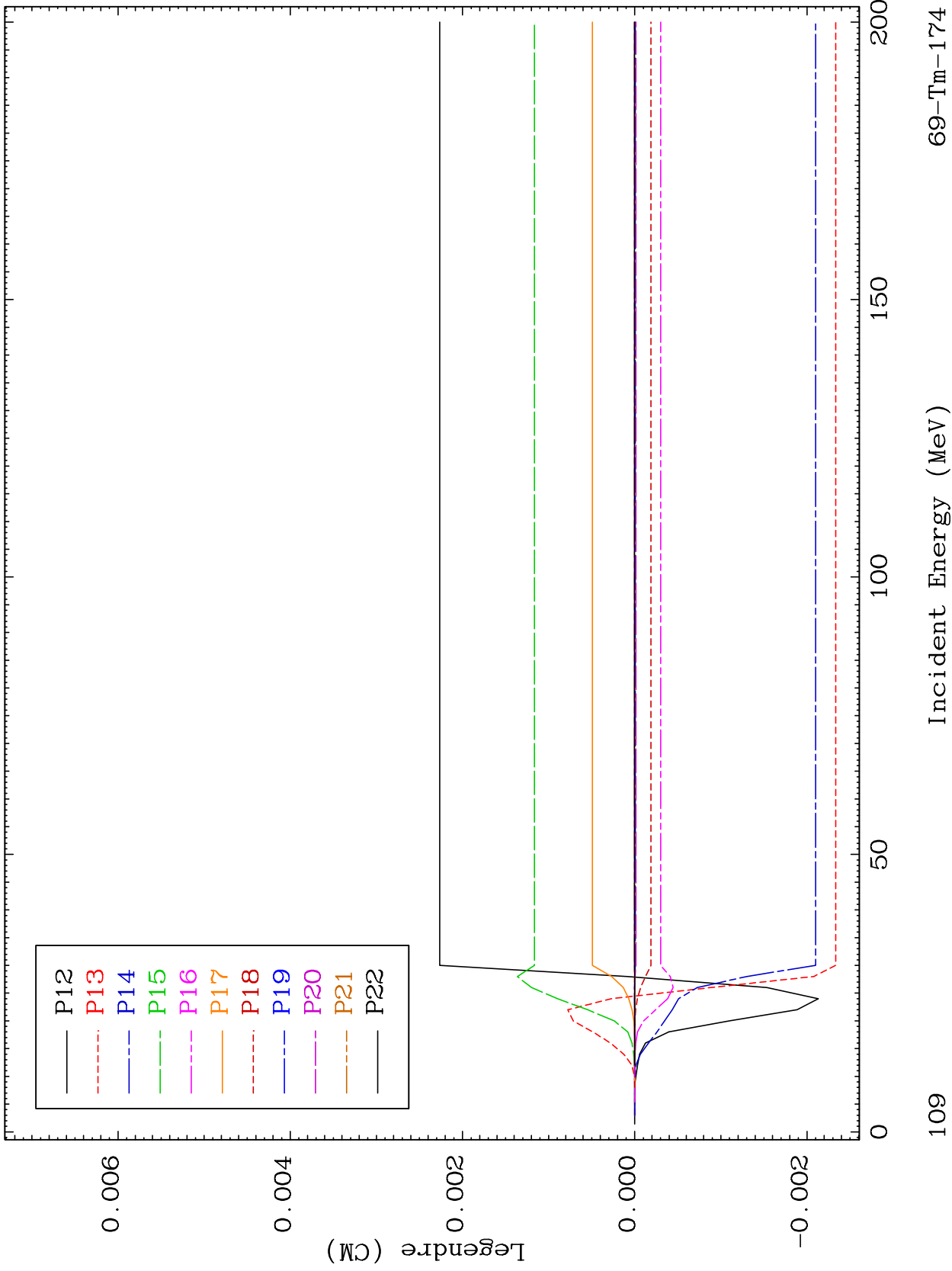
Incident Energy (MeV)

108

MAT 6940

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

69-Tm-174



109

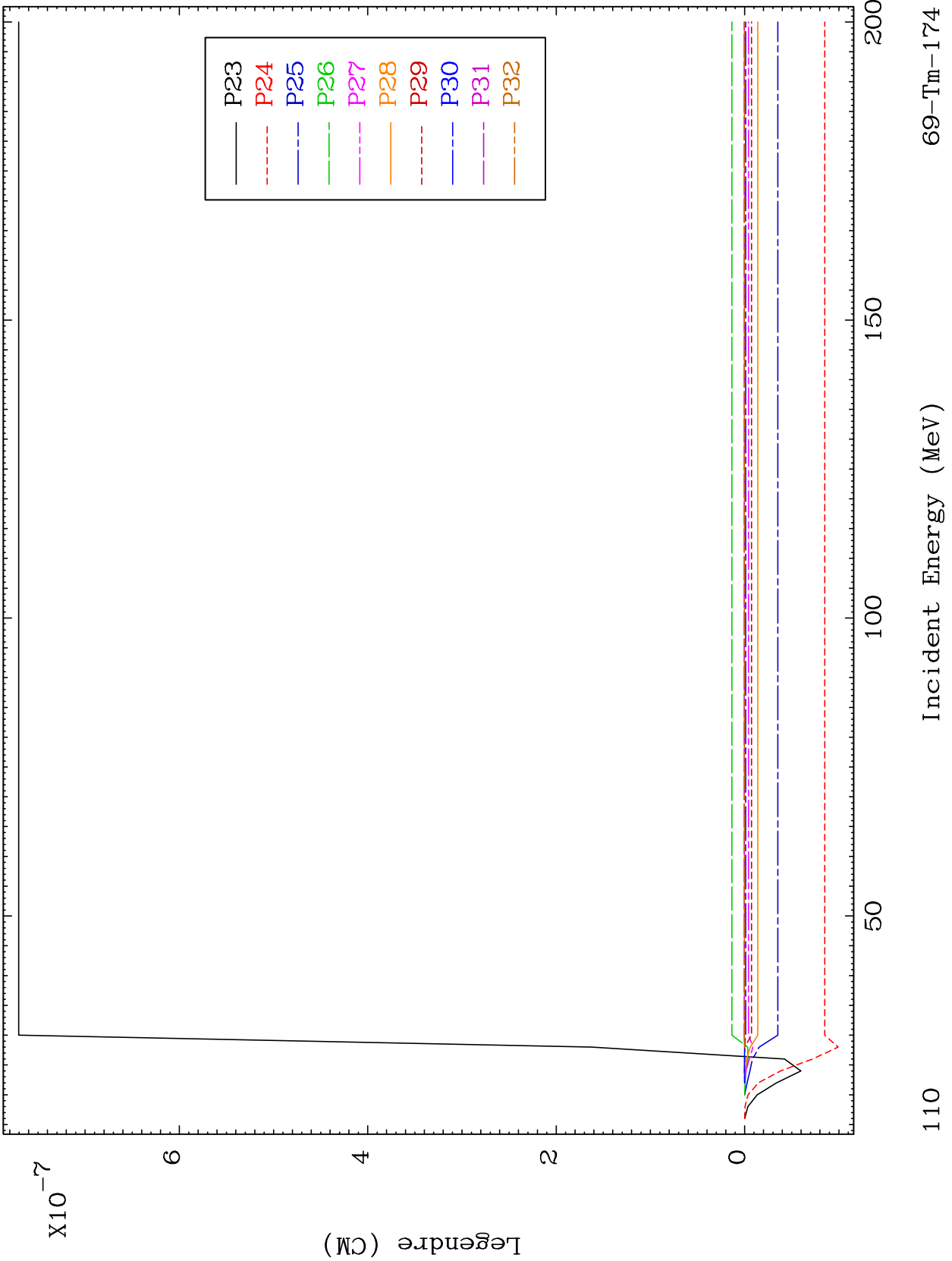
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

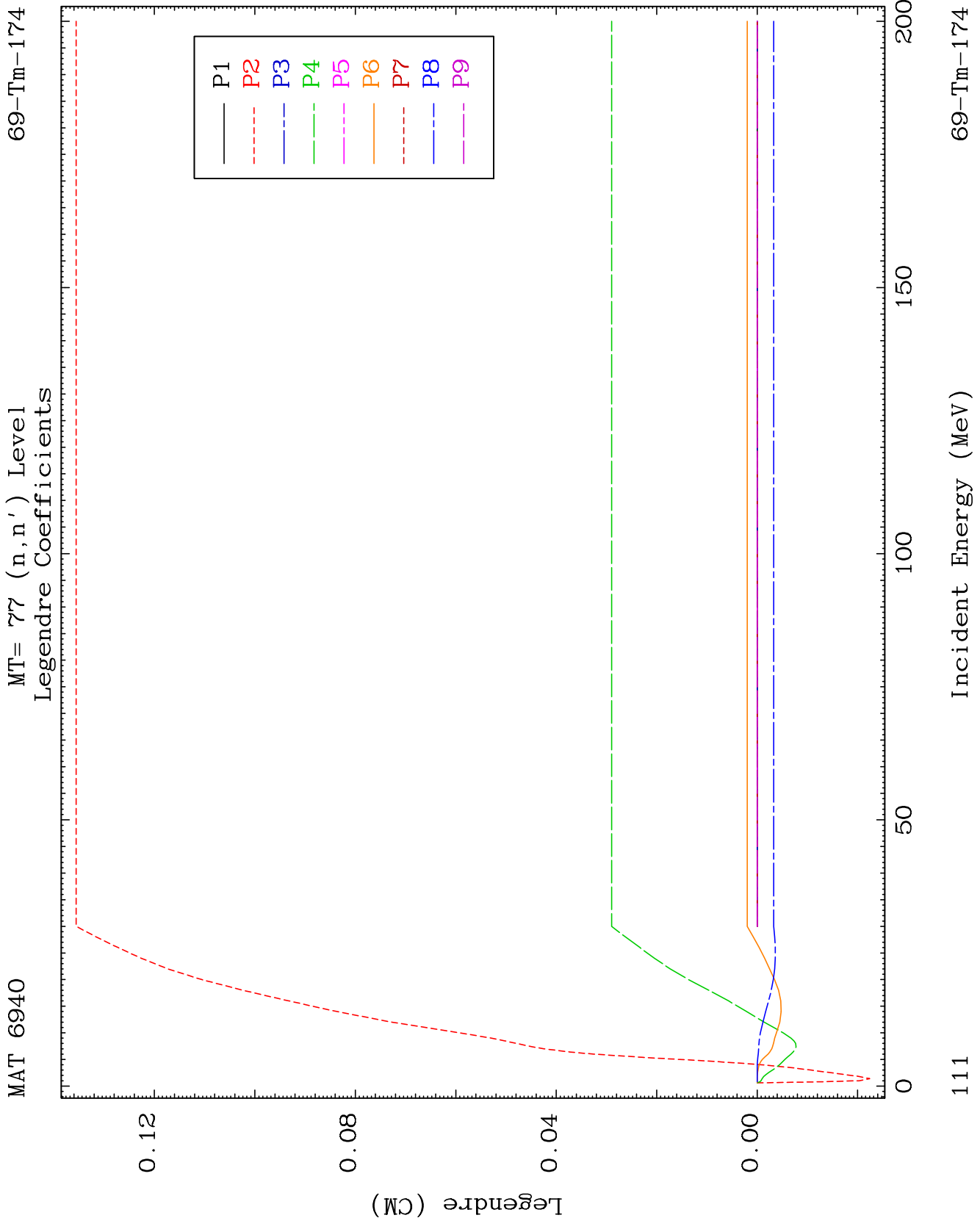
69-Tm-174



69-Tm-174

Incident Energy (MeV)

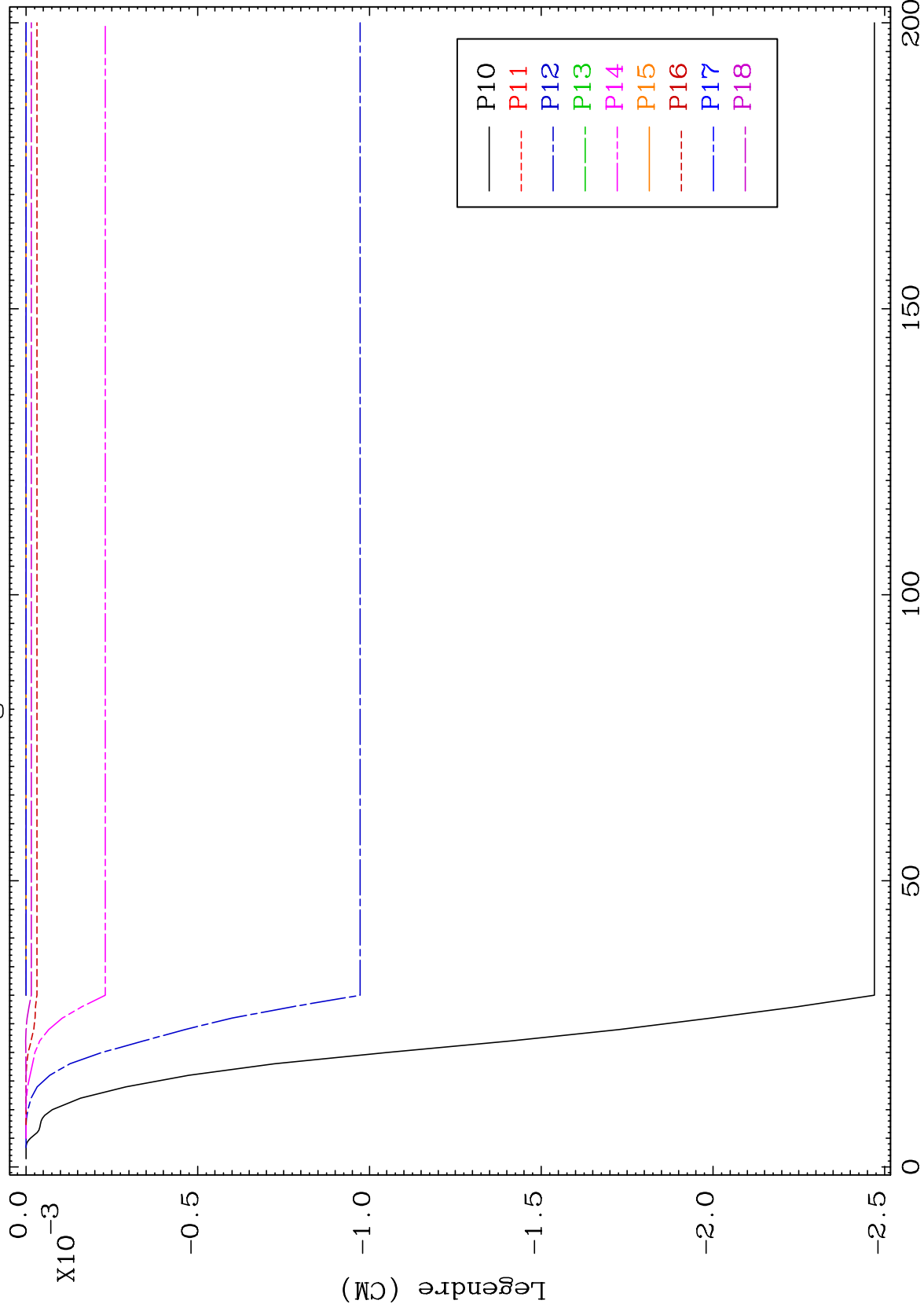
110



MAT 6940

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

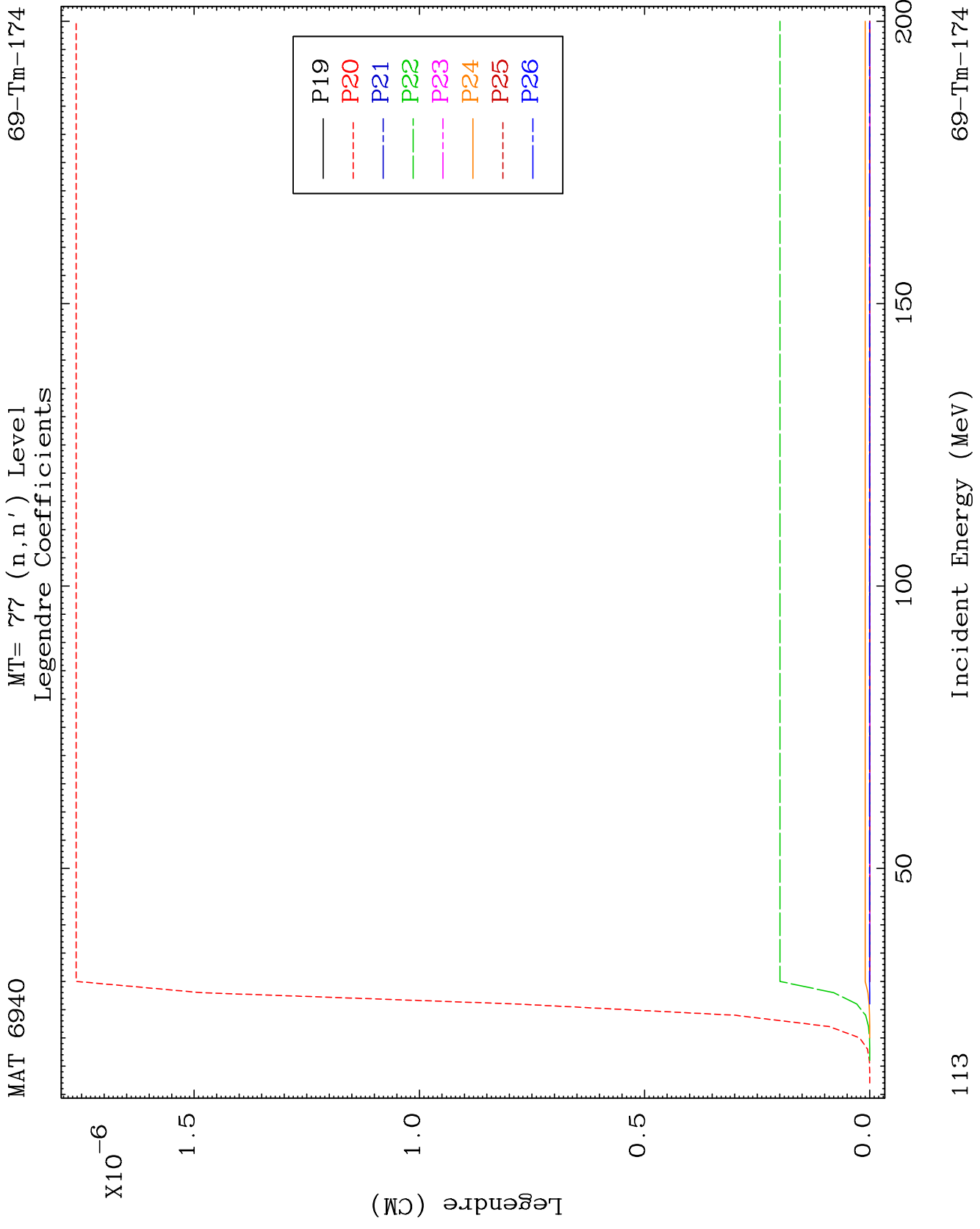
69-Tm-174



112

Incident Energy (MeV)

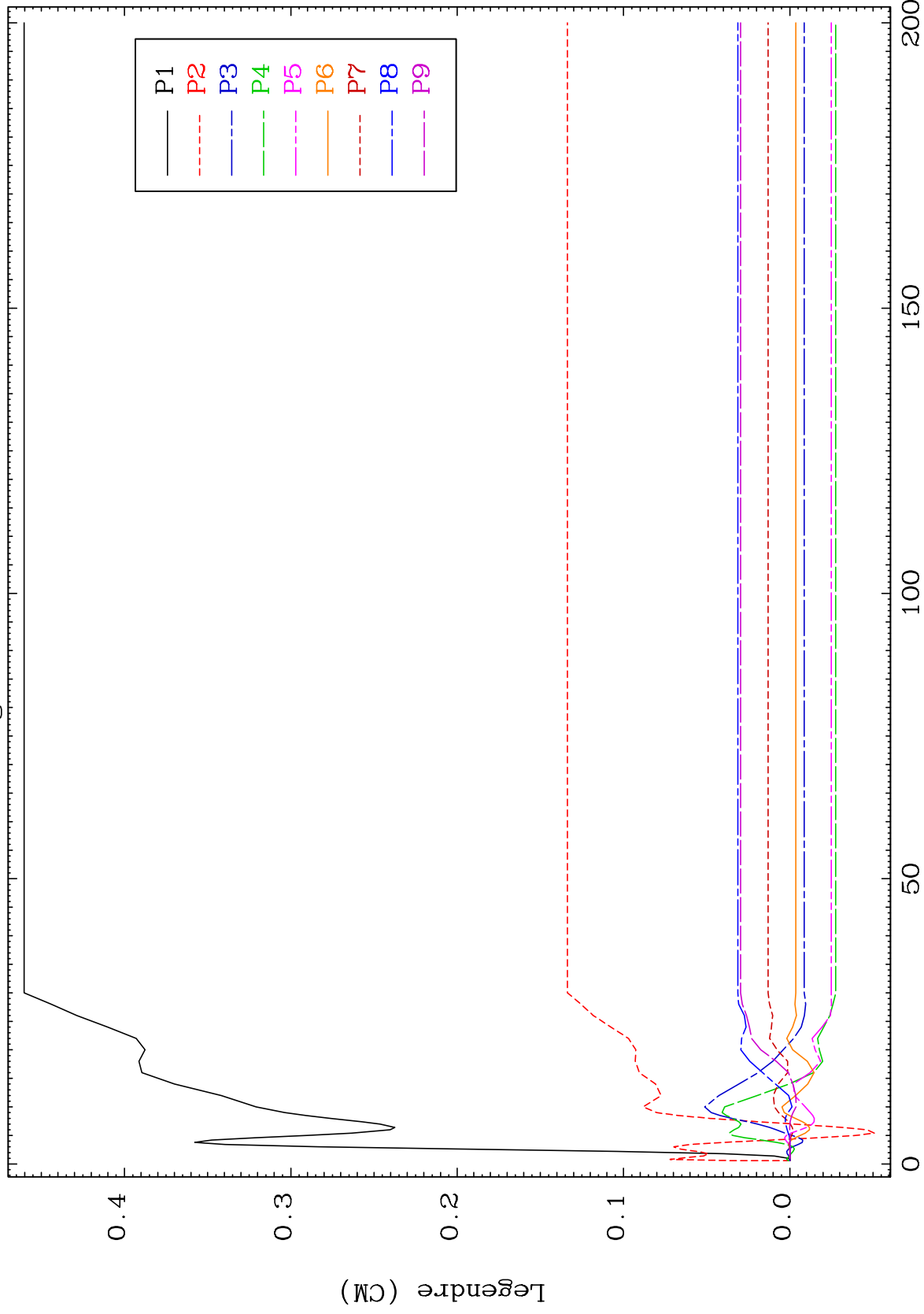
69-Tm-174



MAT 6940

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

69-Tm-174



114

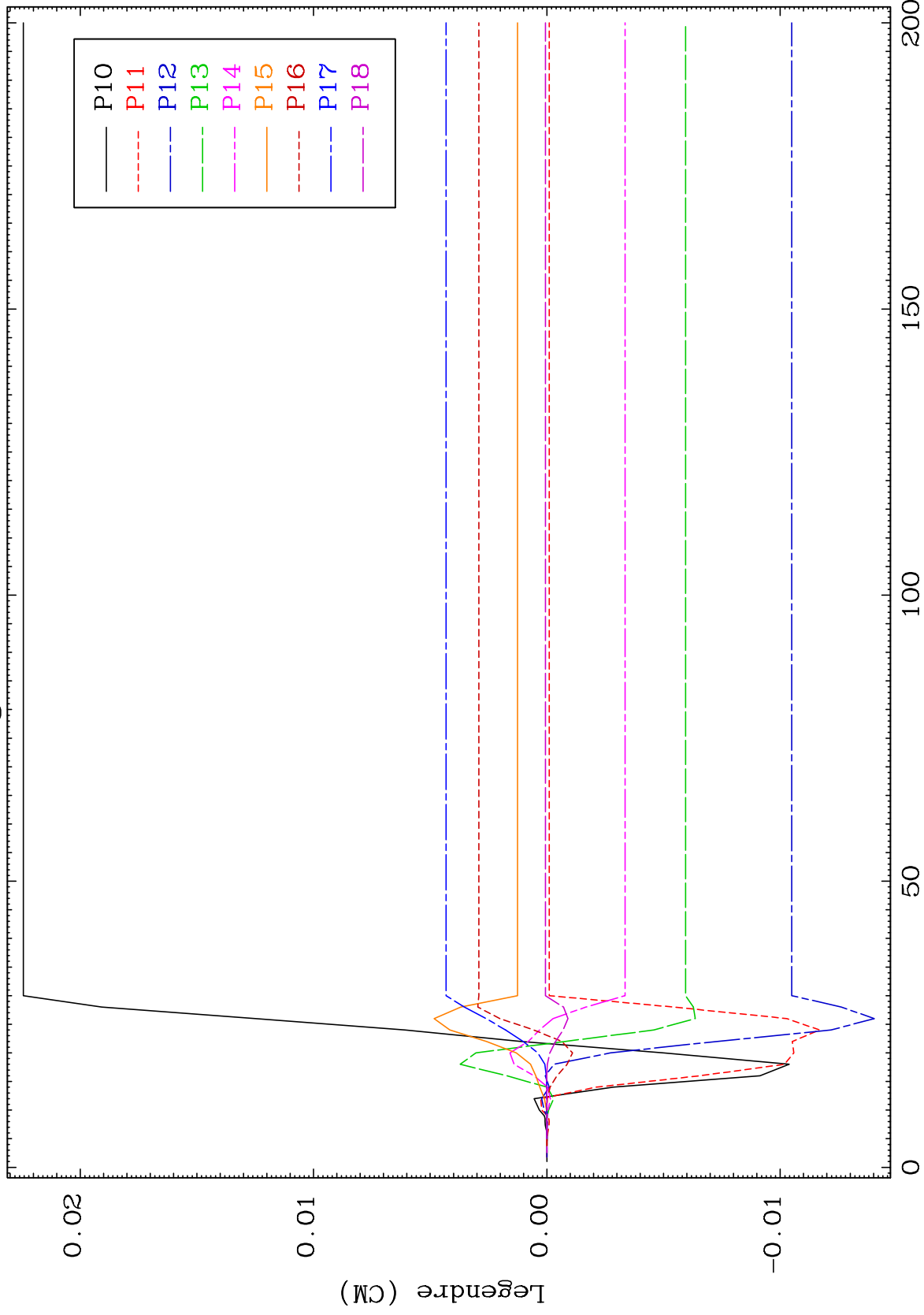
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



115

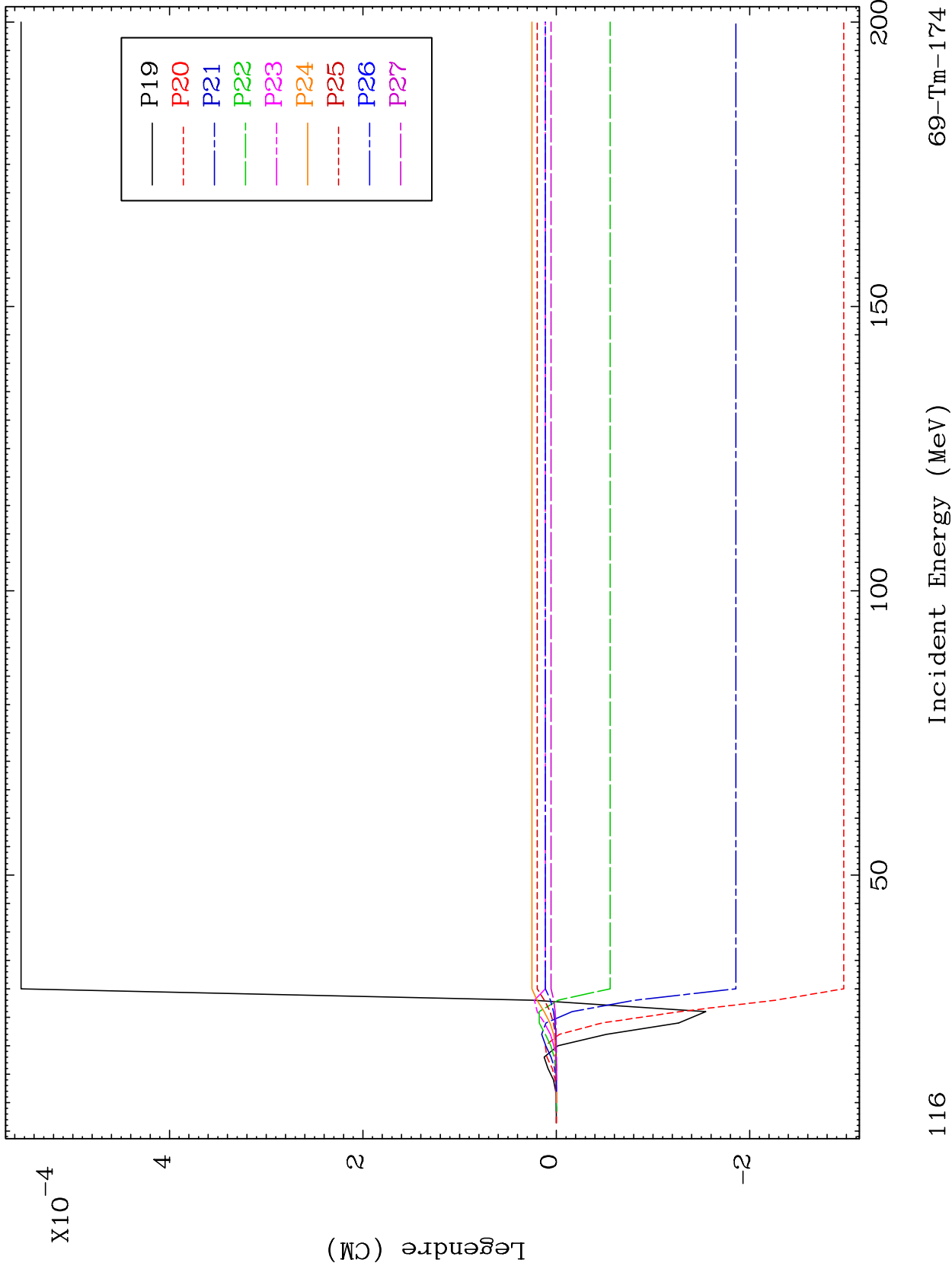
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



116

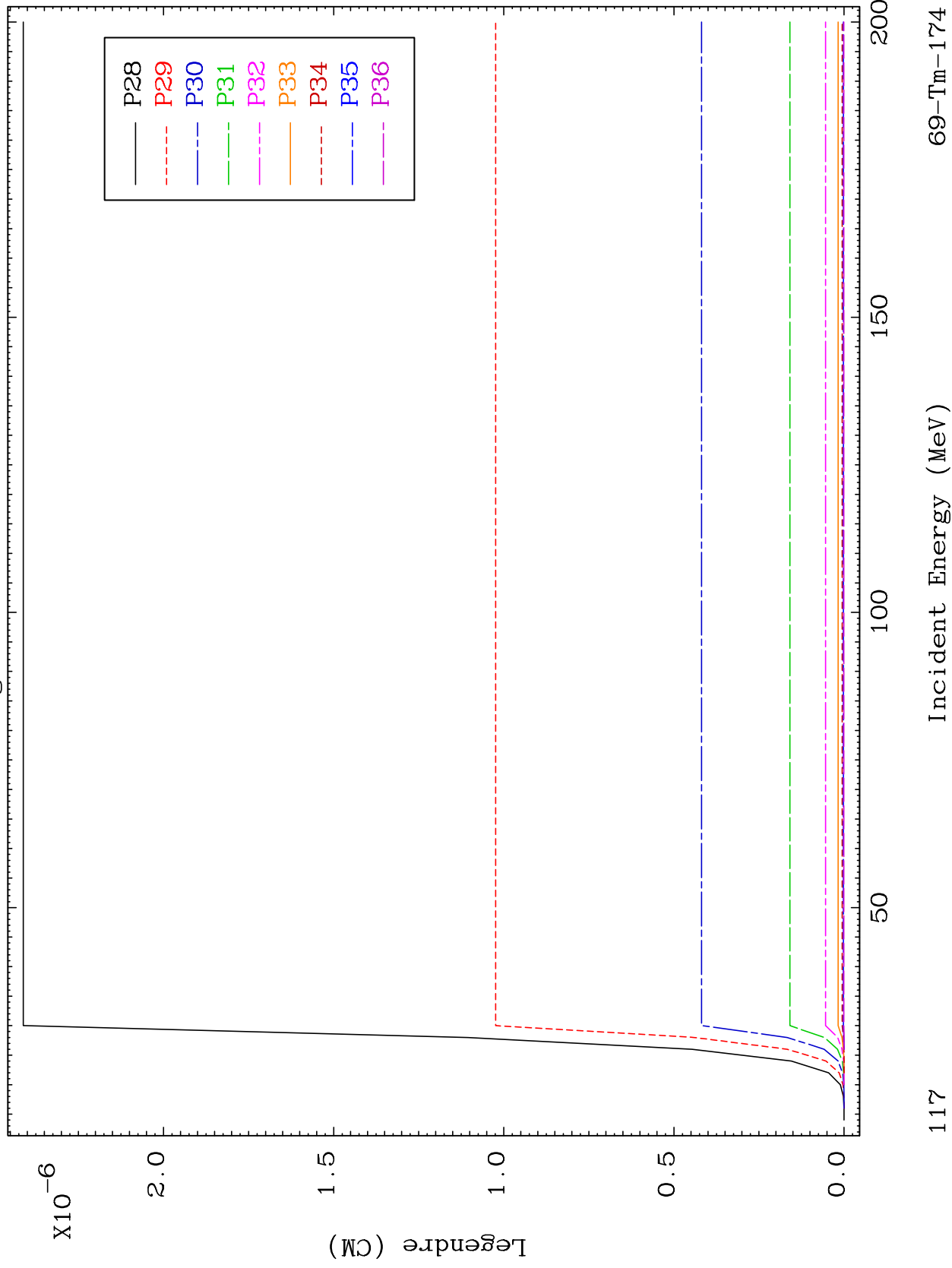
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

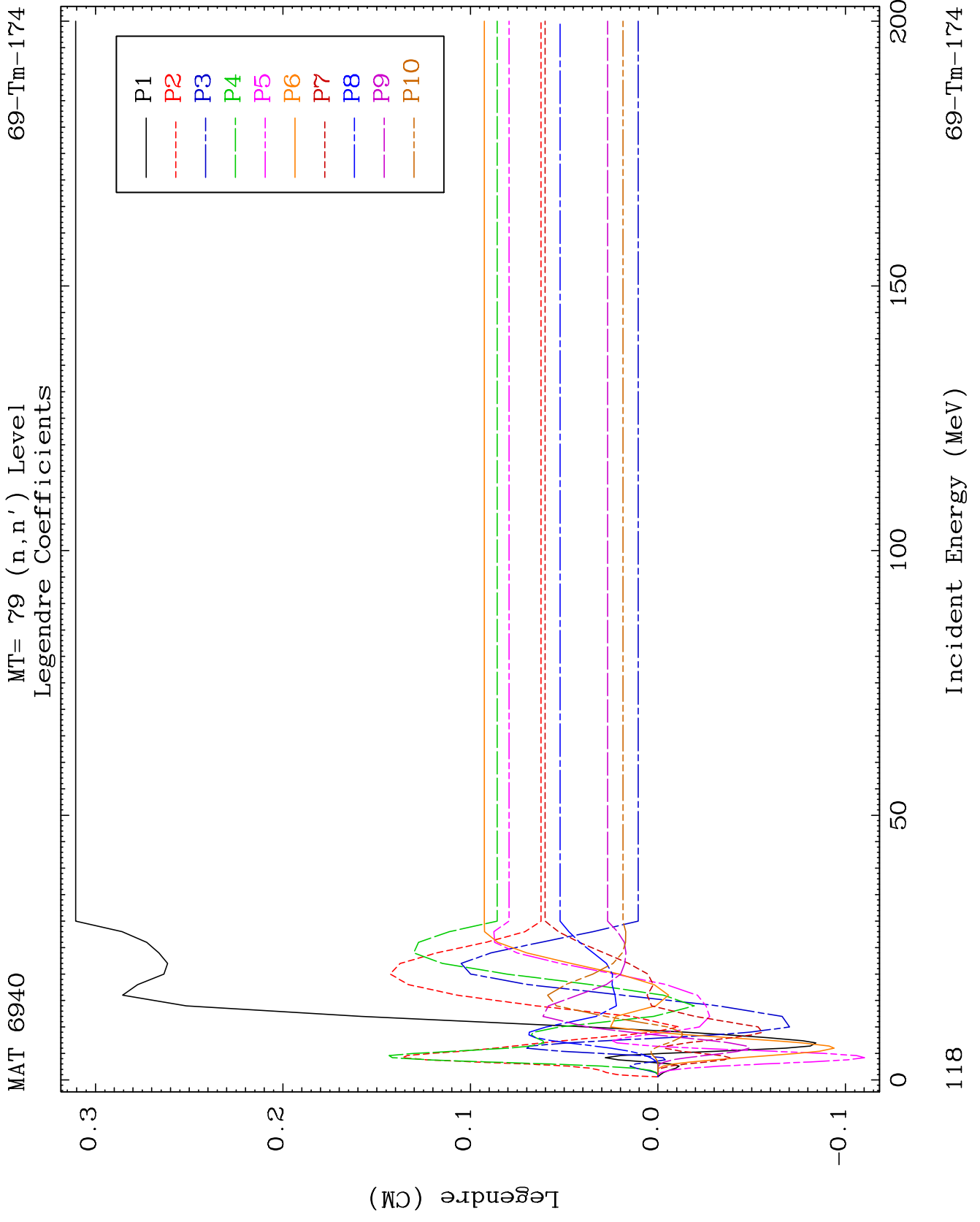
69-Tm-174



117

Incident Energy (MeV)

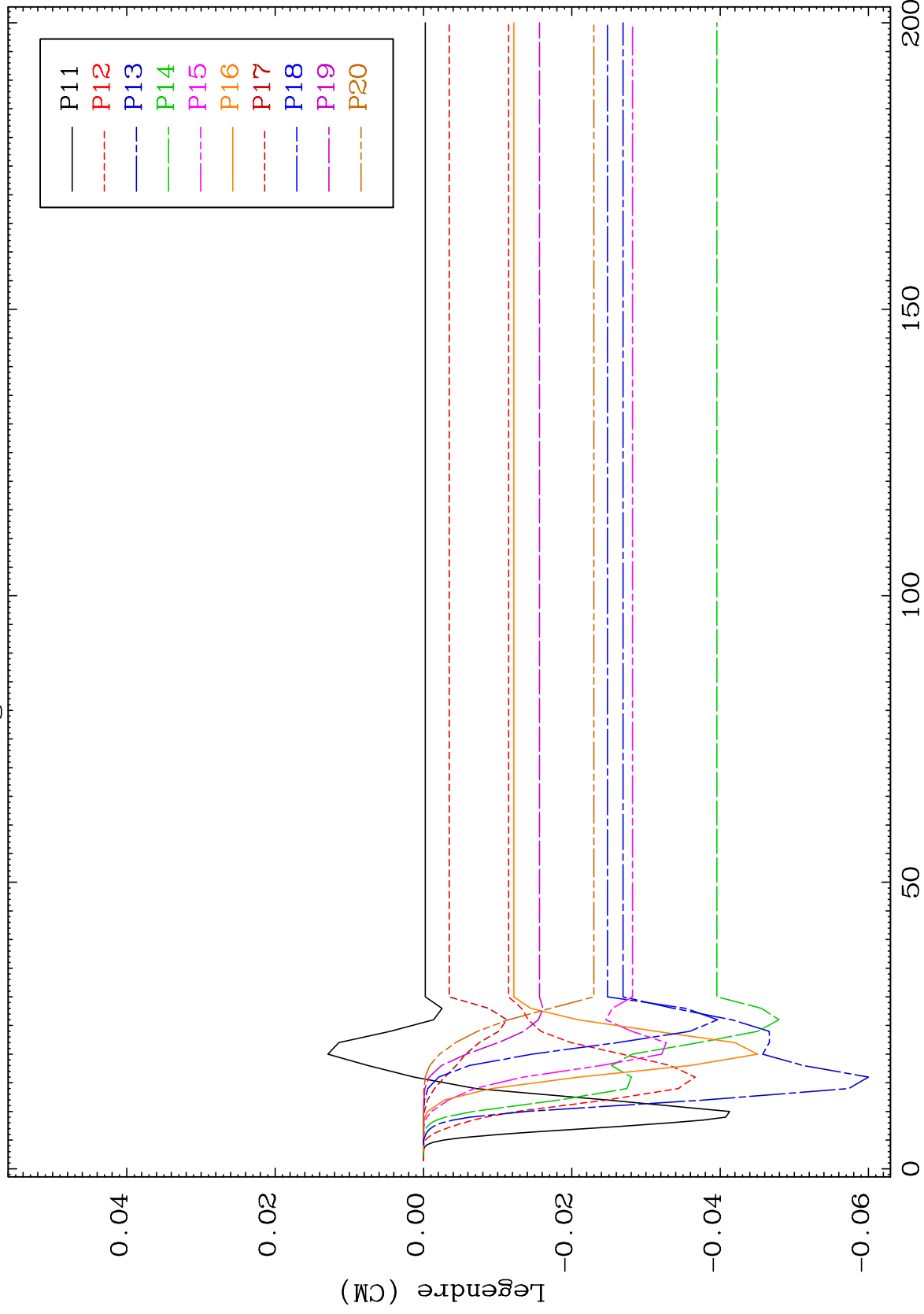
69-Tm-174



MAT 6940

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

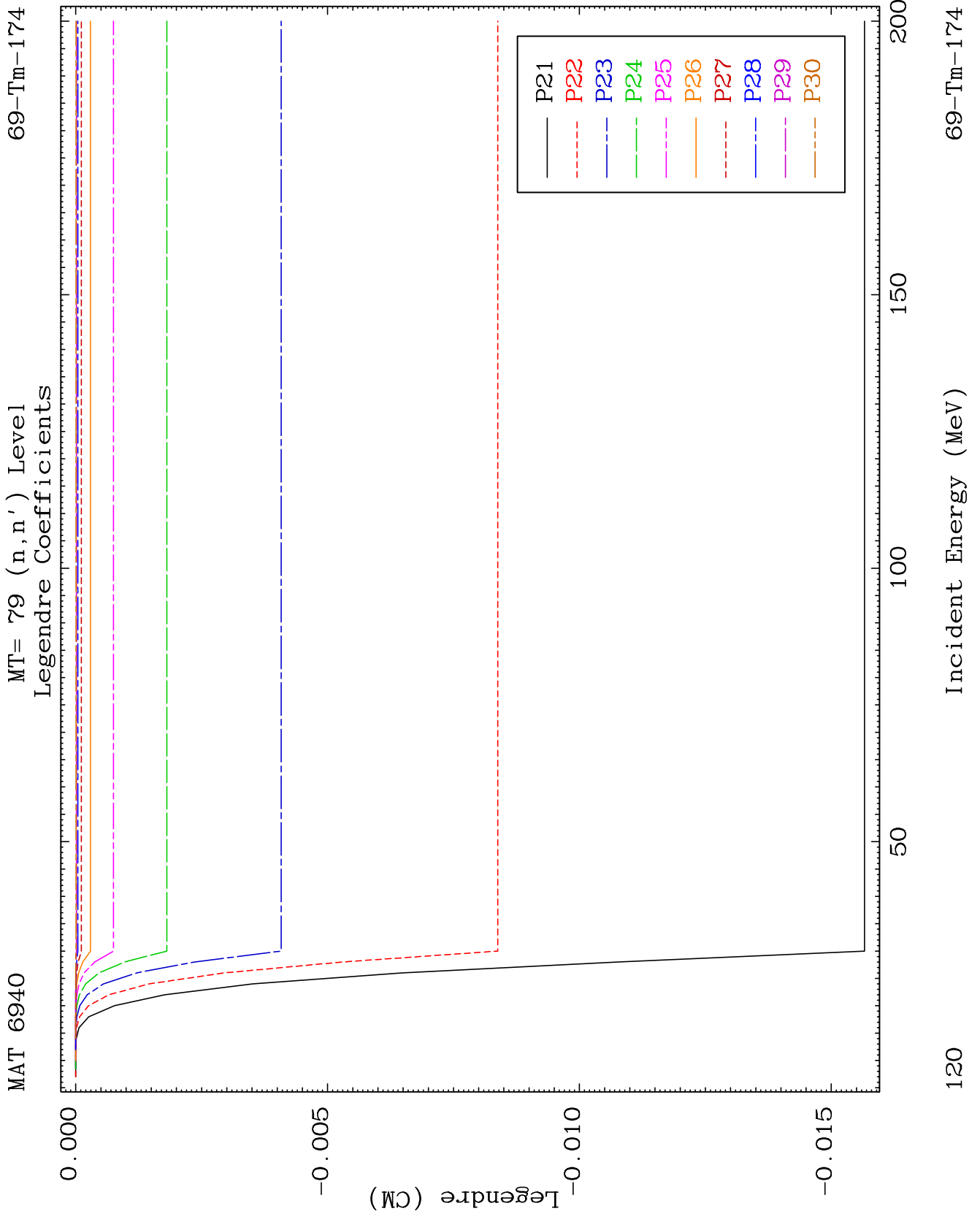
69-Tm-174

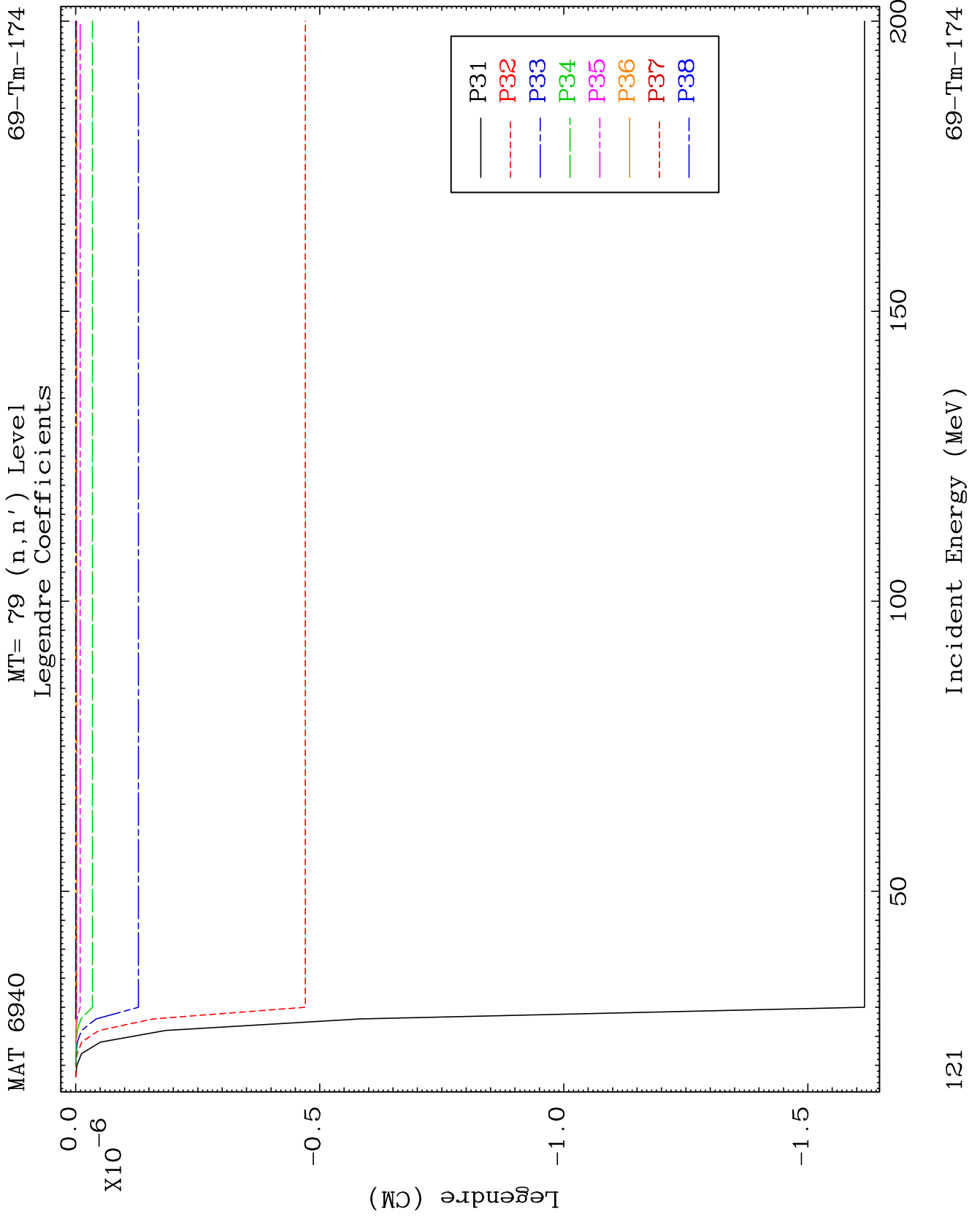


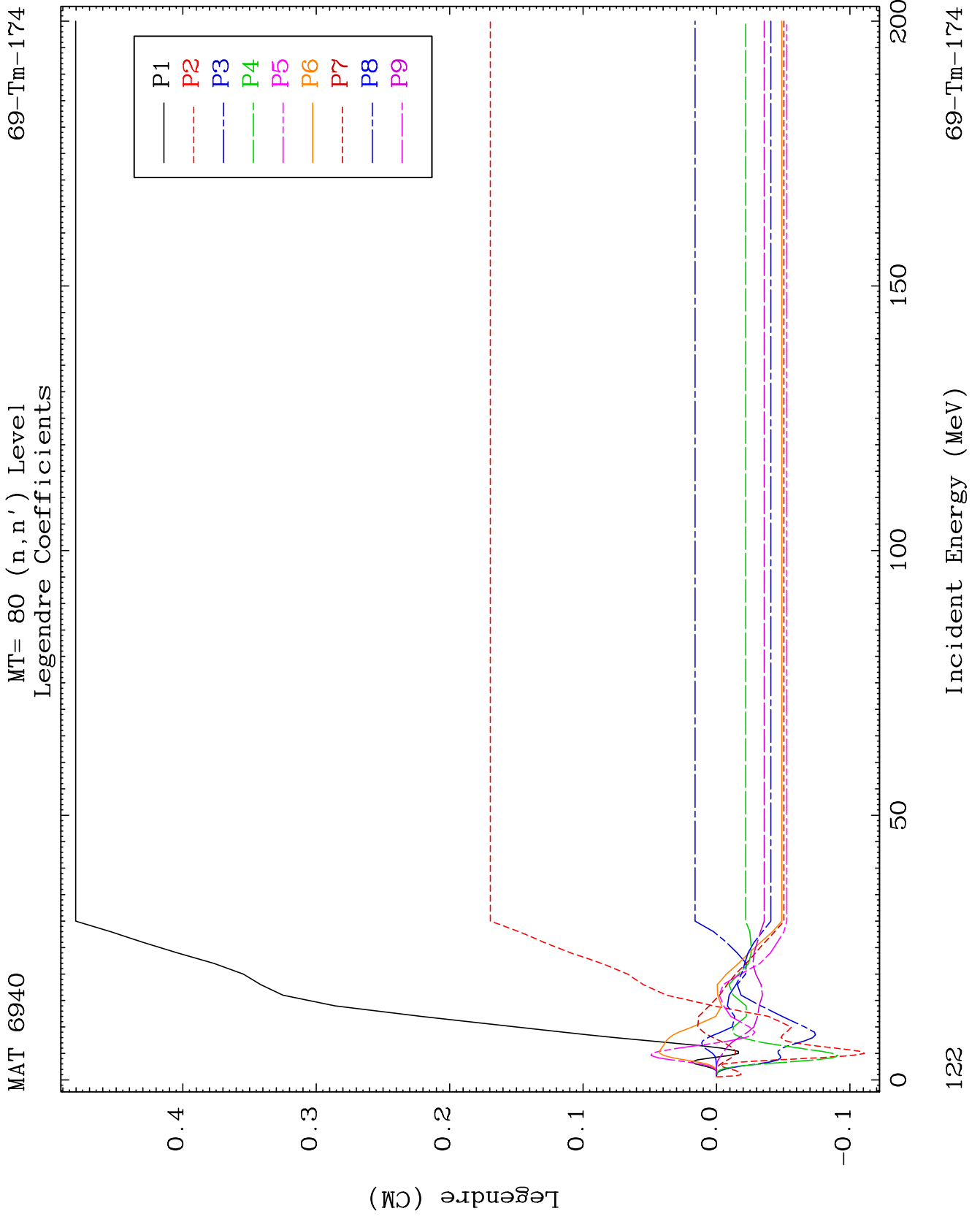
119

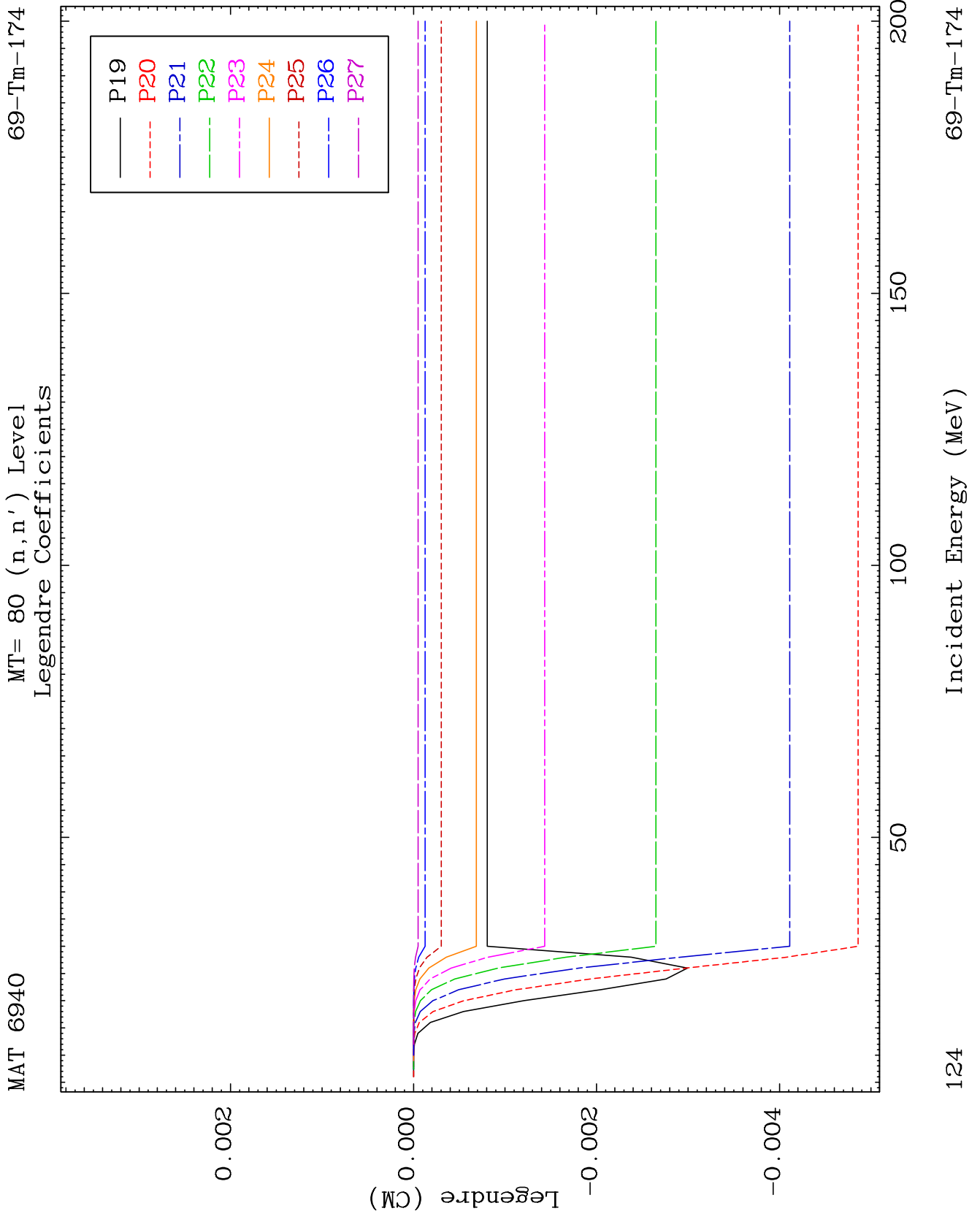
Incident Energy (MeV)

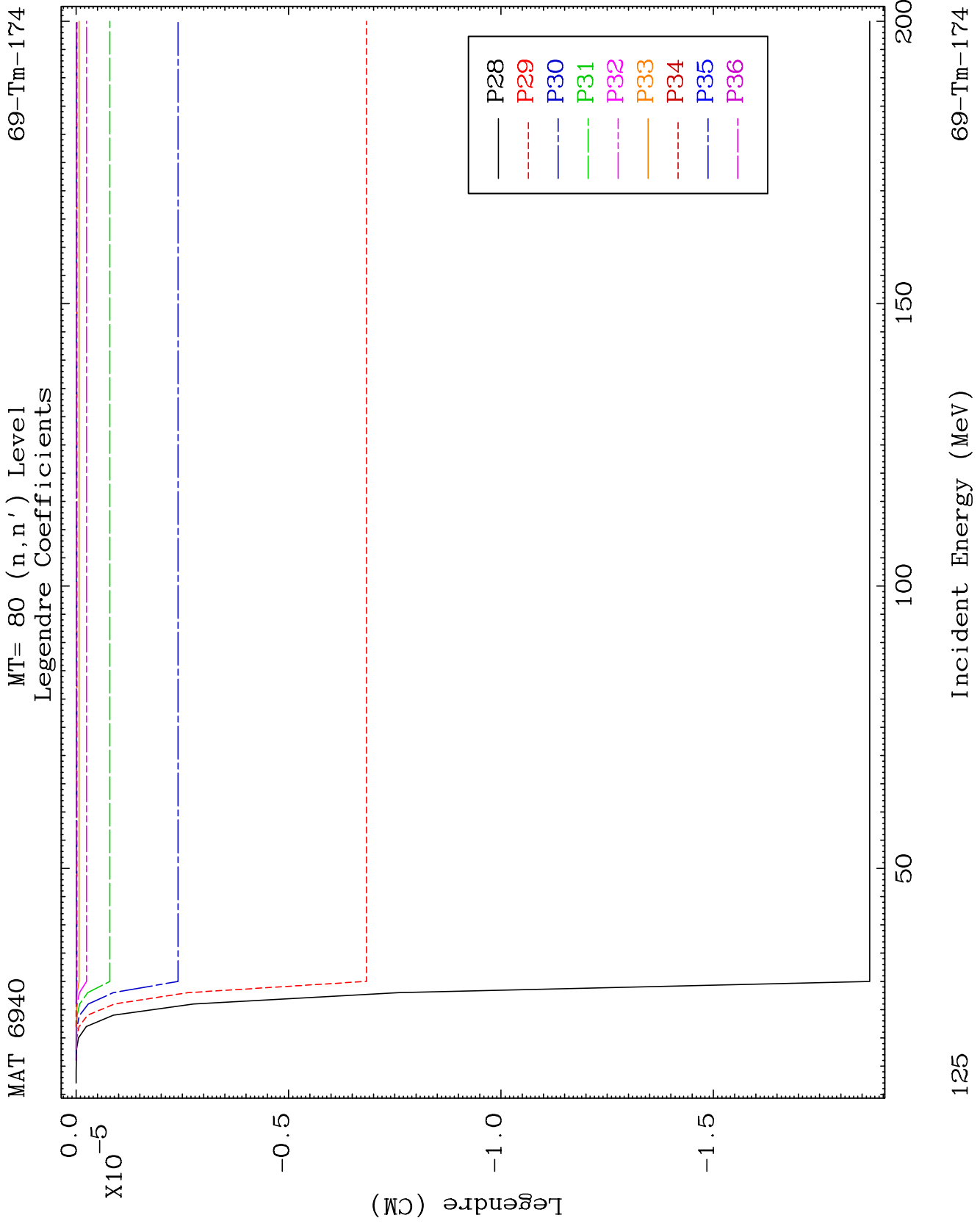
69-Tm-174







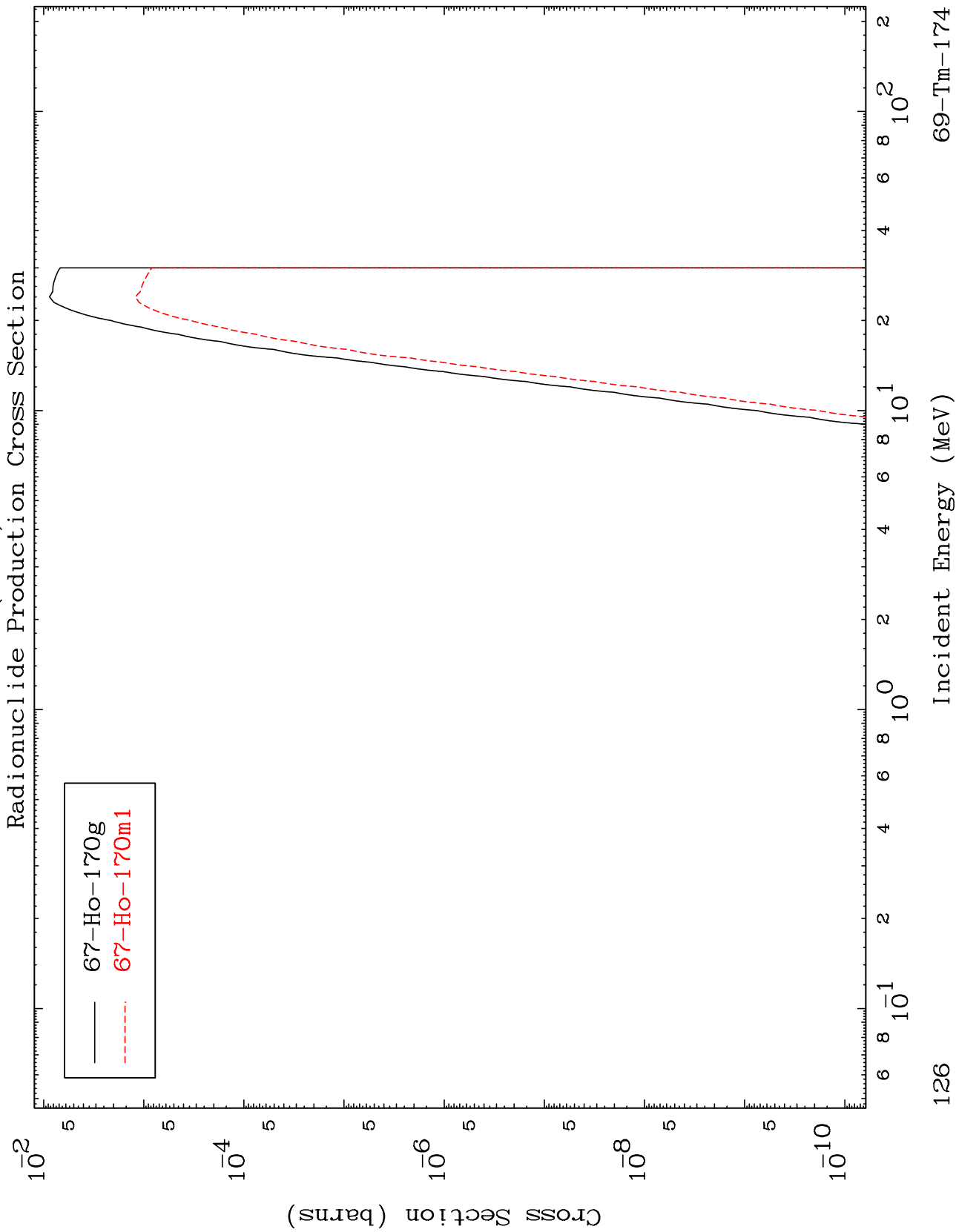




MAT 6940

$(n, n') \alpha$

$^{69}\text{Tm-174}$

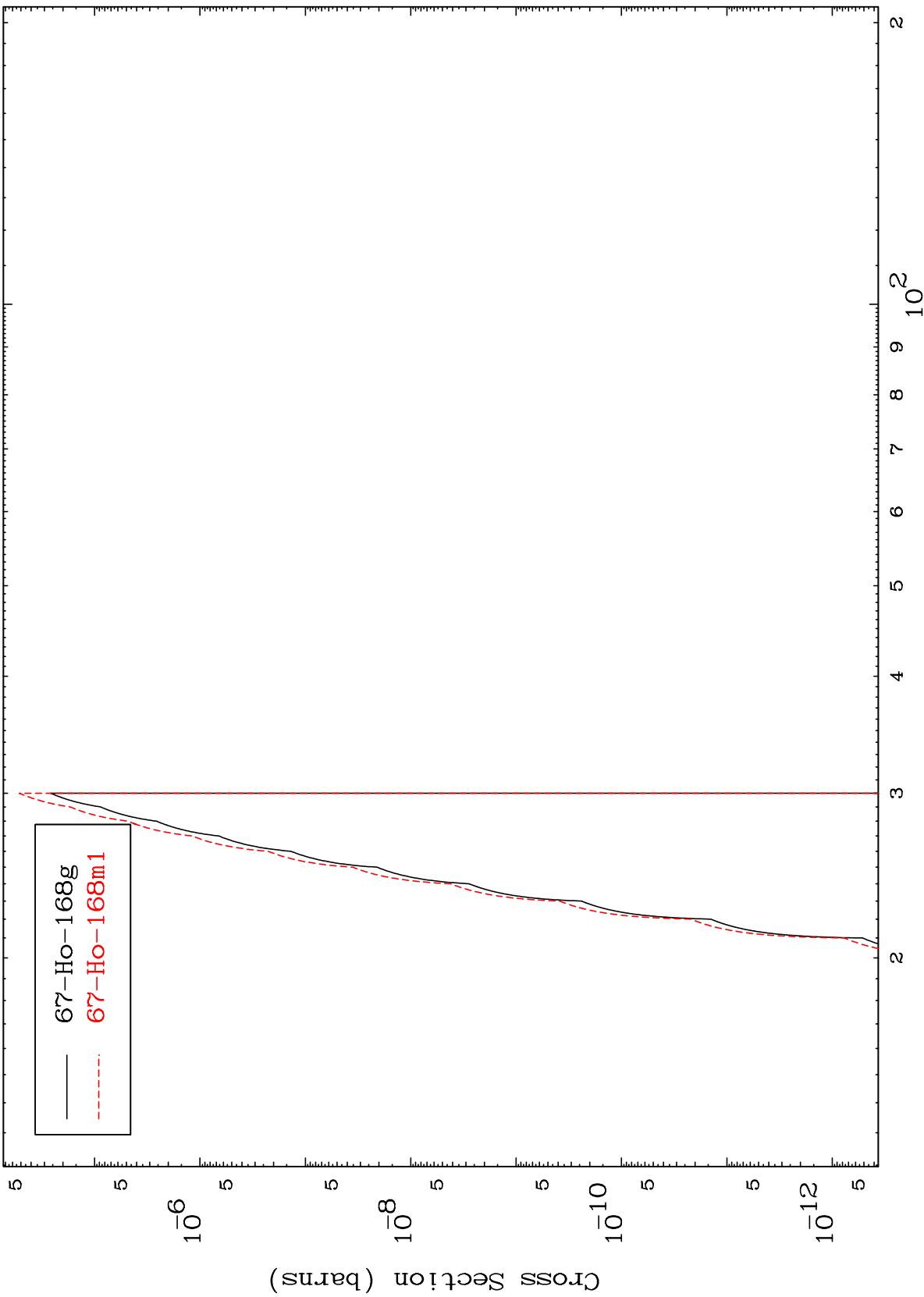


MAT 6940

$(n,3n) \alpha$

69-Tm-174

Radionuclide Production Cross Section



127

Incident Energy (MeV)

69-Tm-174