

Program EVALPLOT
(Version 2021-1)

by

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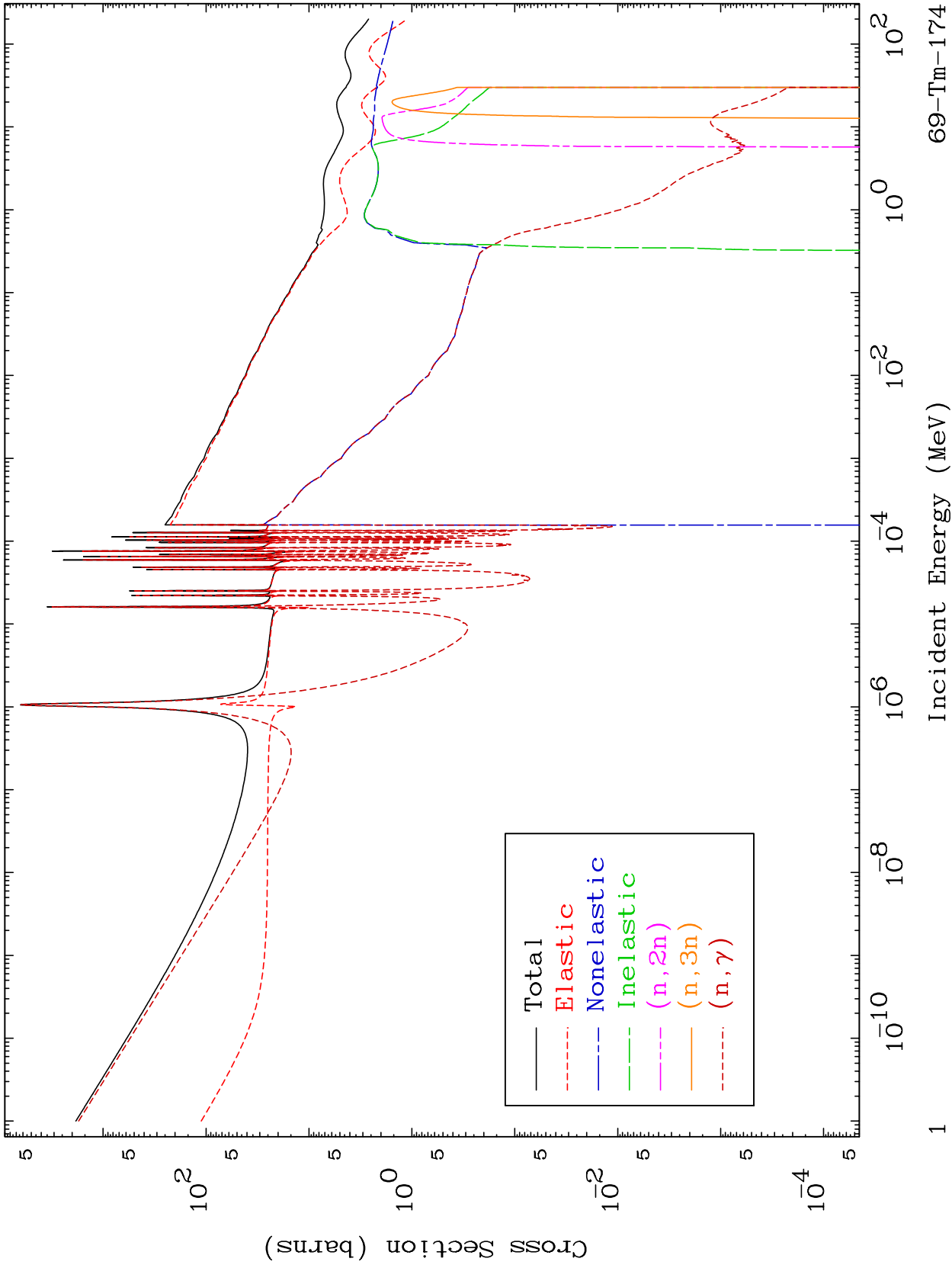
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6940

Neutron Major
293 Kelvin Cross Sections

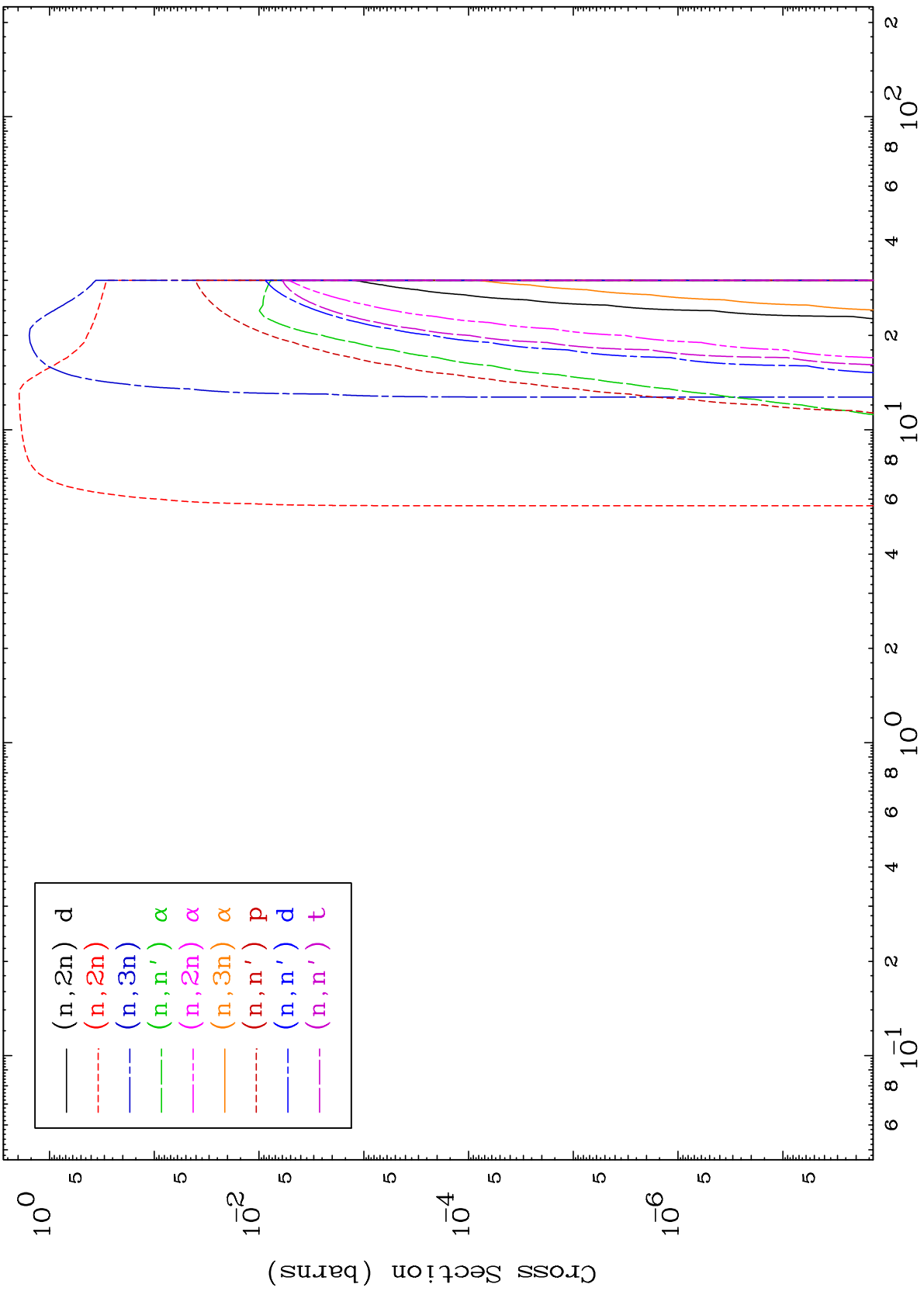
69-Tm-174



MAT 6940

Neutron Absorption
293 Kelvin Cross Sections

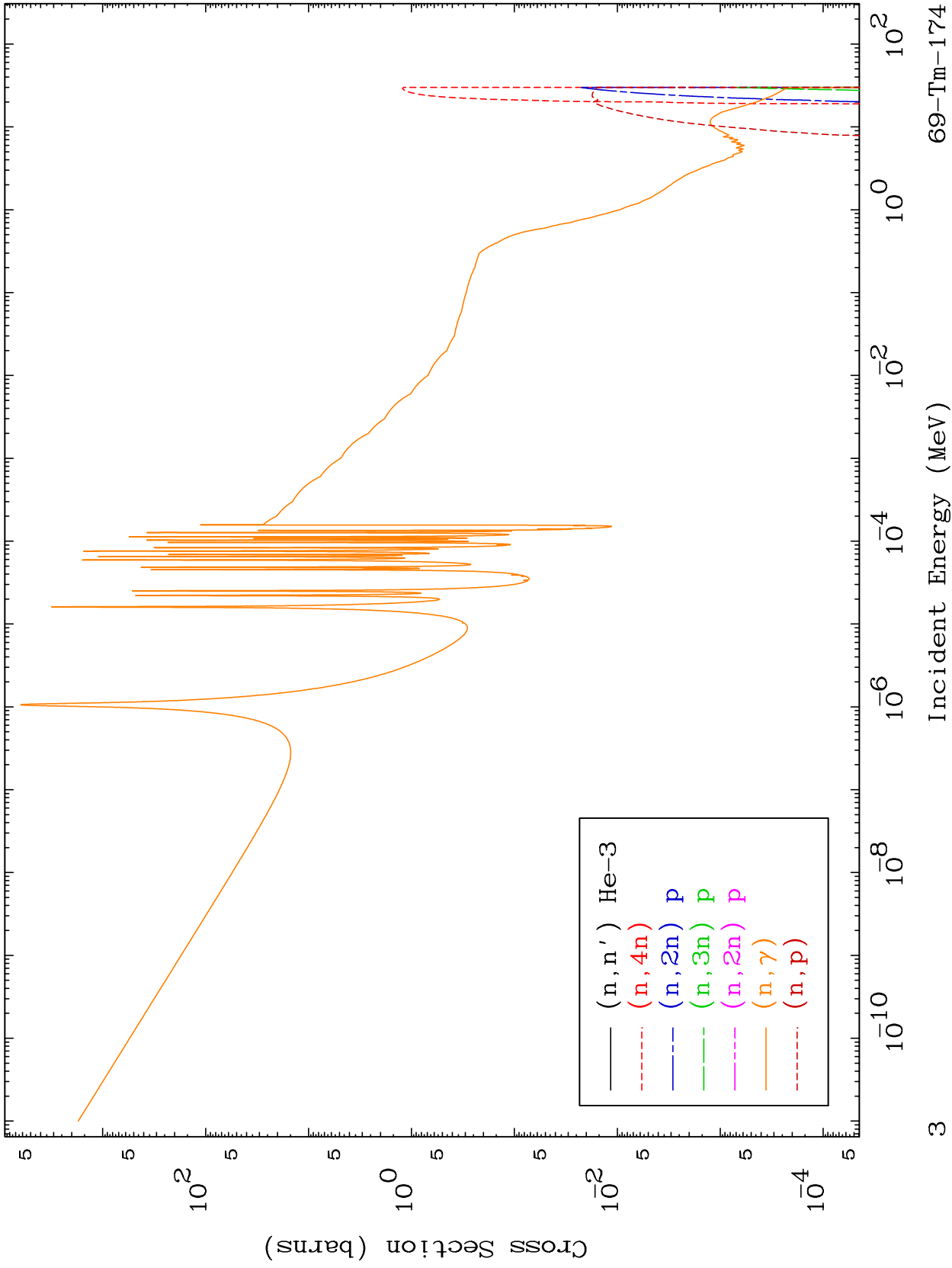
69-Tm-174

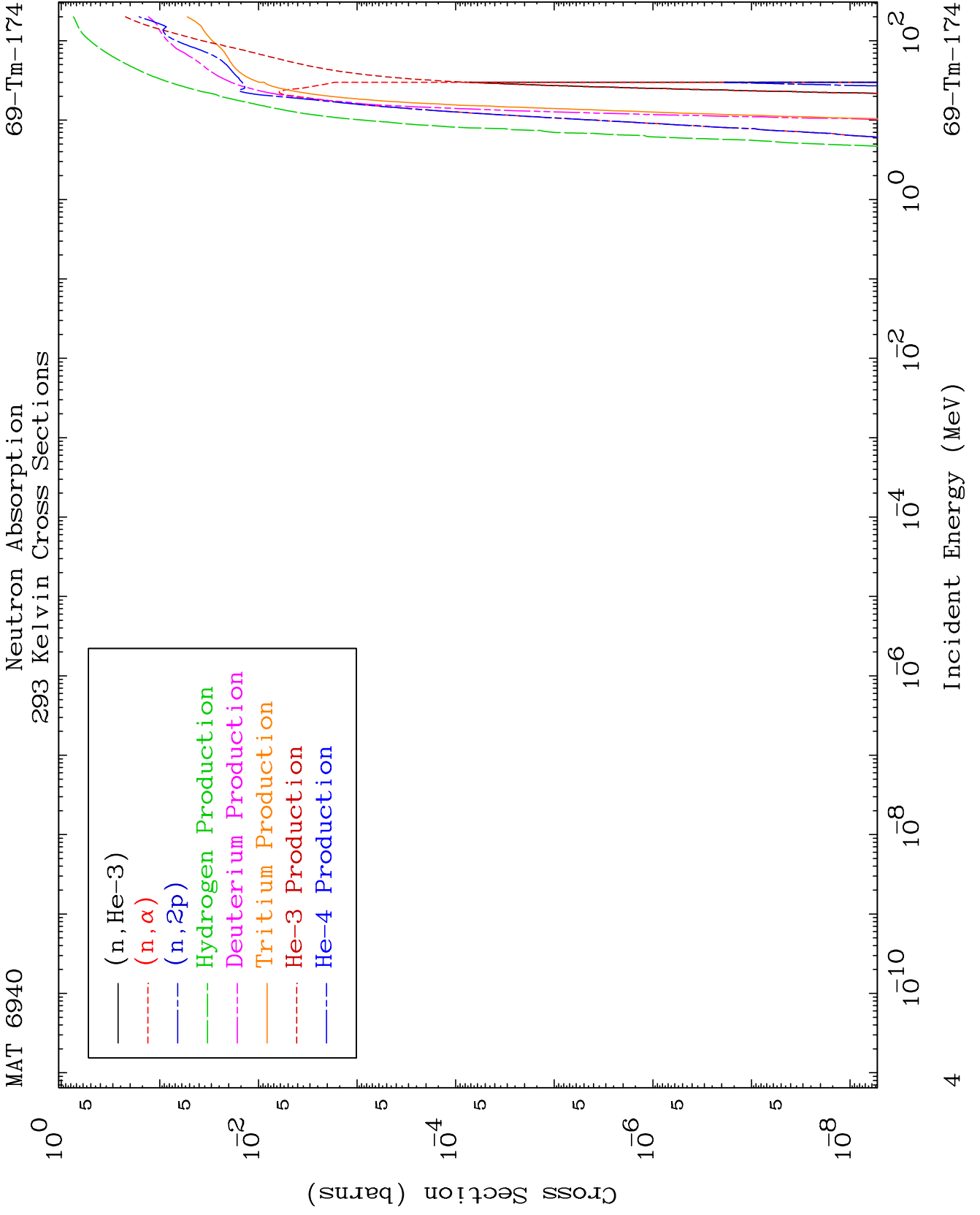


MAT 6940

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-174

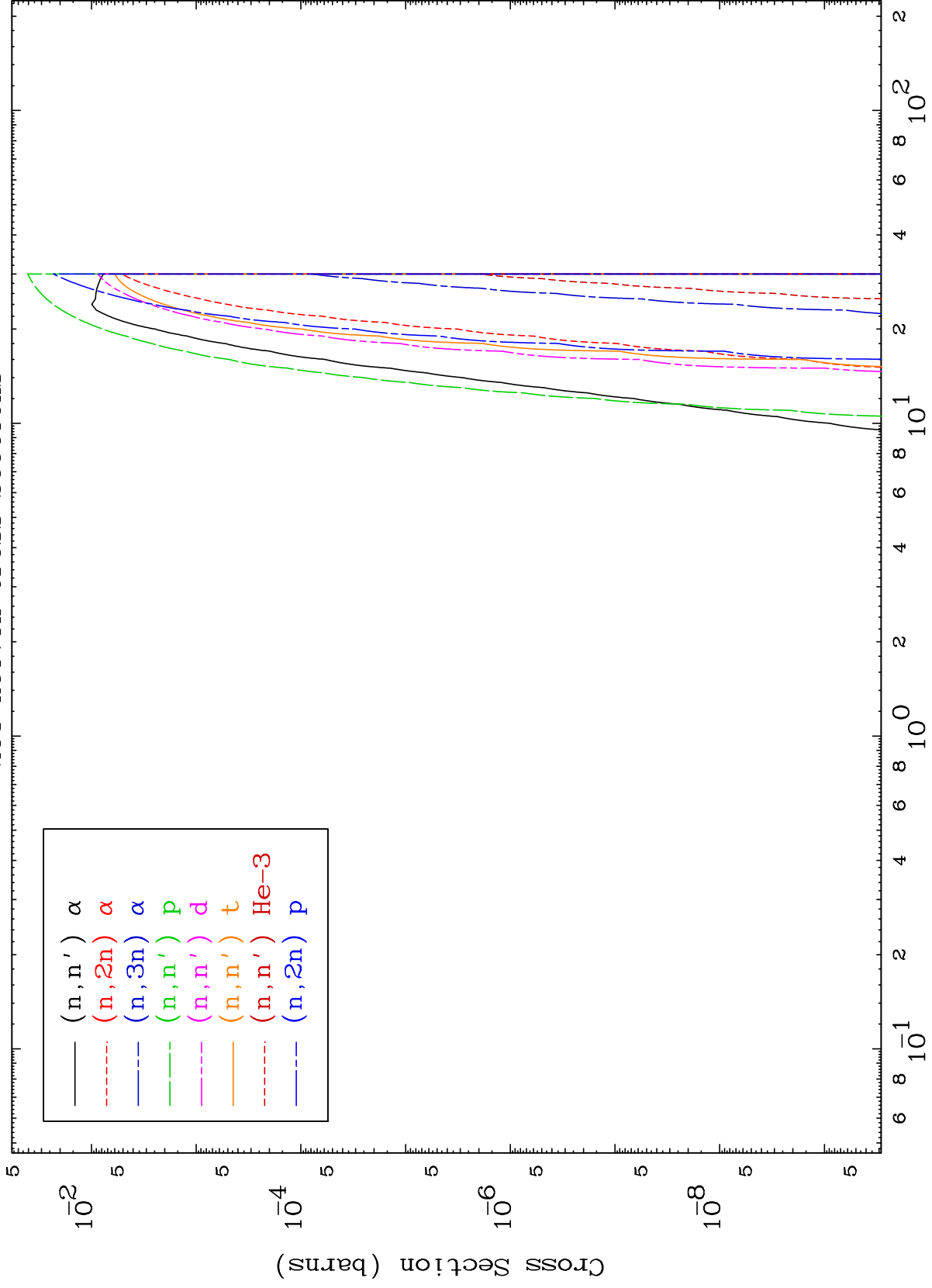




MAT 6940

Charged Particle
293 Kelvin Cross Sections

69-Tm-174



5

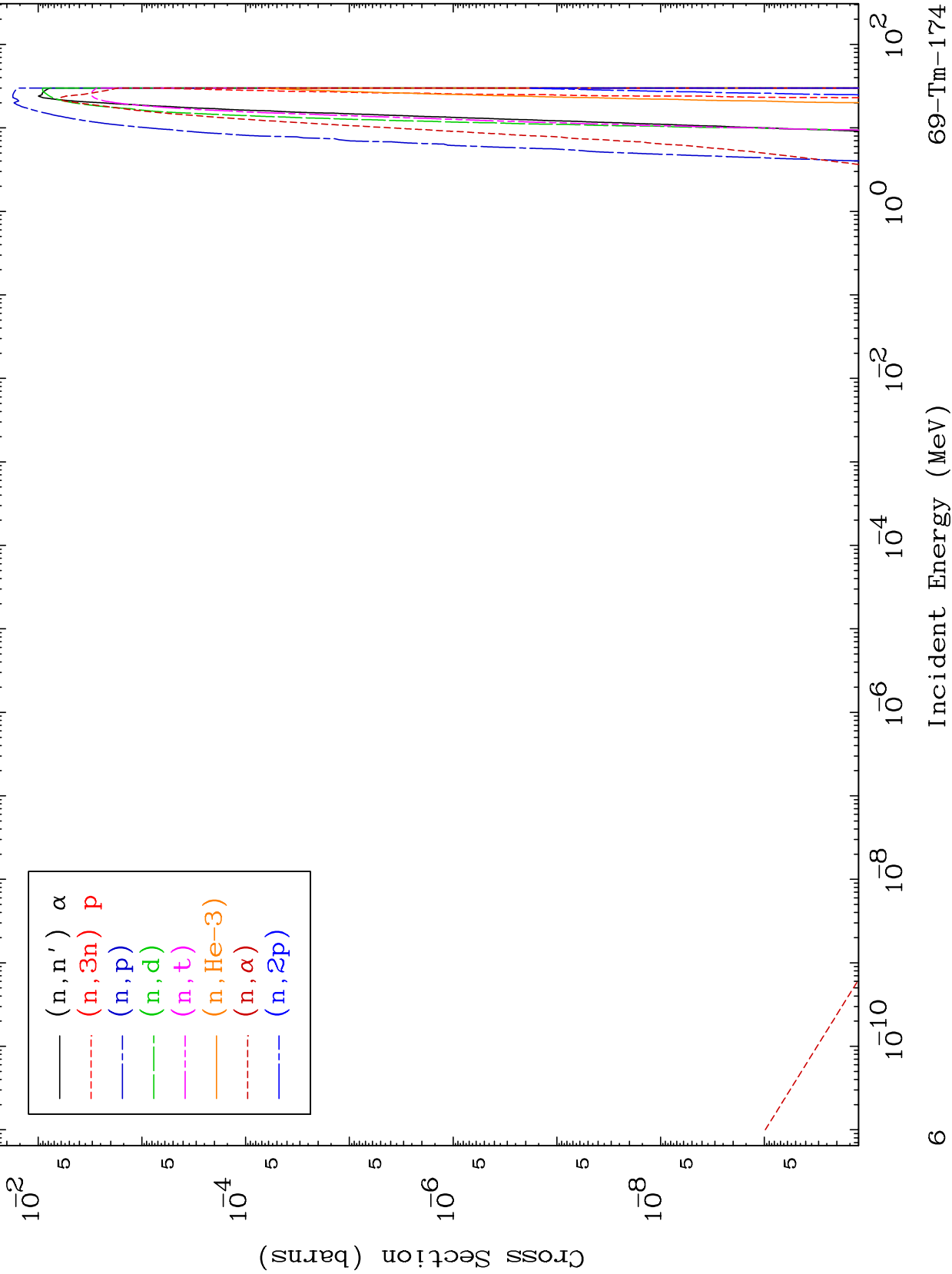
Incident Energy (MeV)

69-Tm-174

MAT 6940

Charged Particle
293 Kelvin Cross Sections

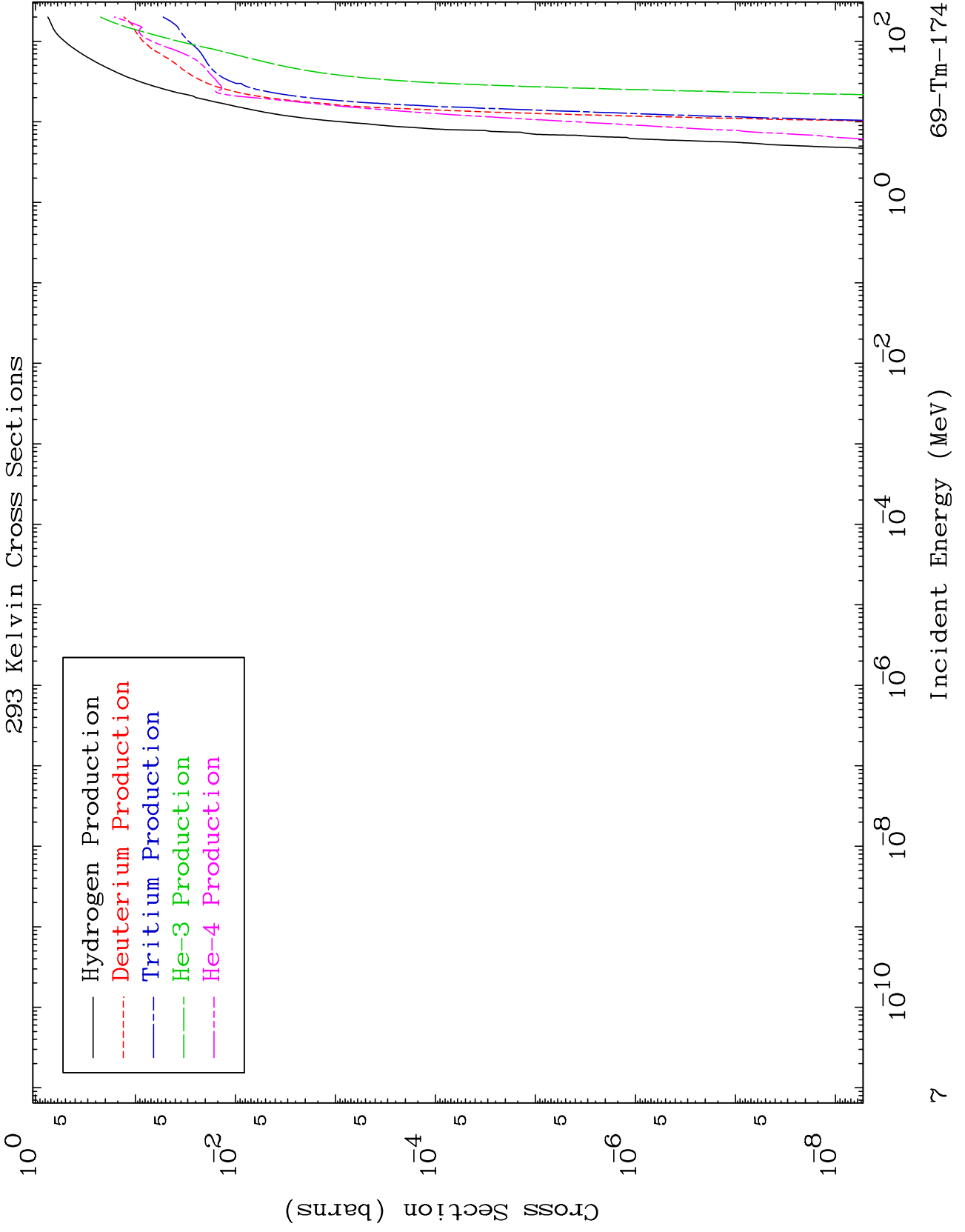
69-Tm-174



MAT 6940

Particle Production
293 Kelvin Cross Sections

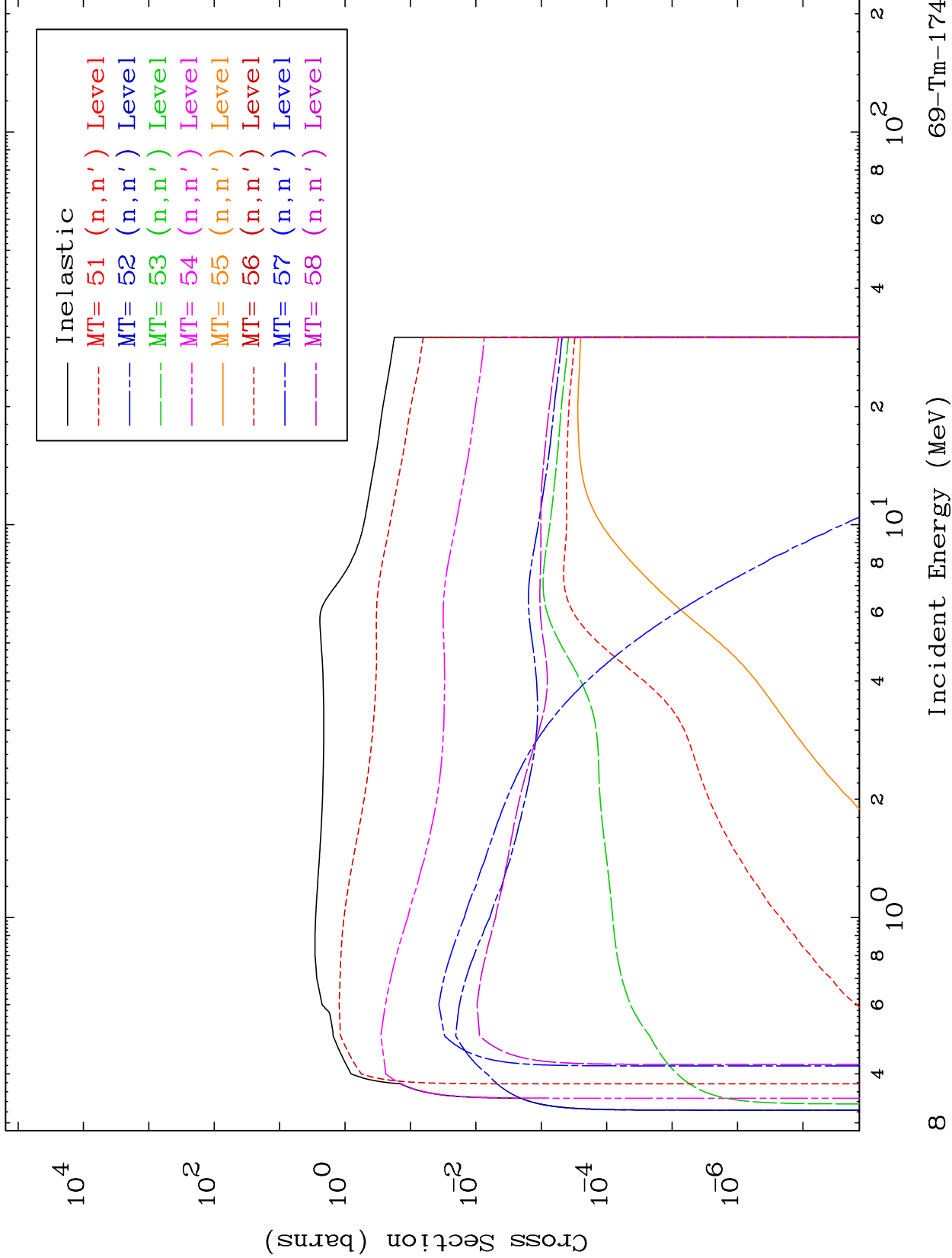
69-Tm-174



MAT 6940

(n,n') Levels
293 Kelvin Cross Sections

69-Tm-174



8

Incident Energy (MeV)

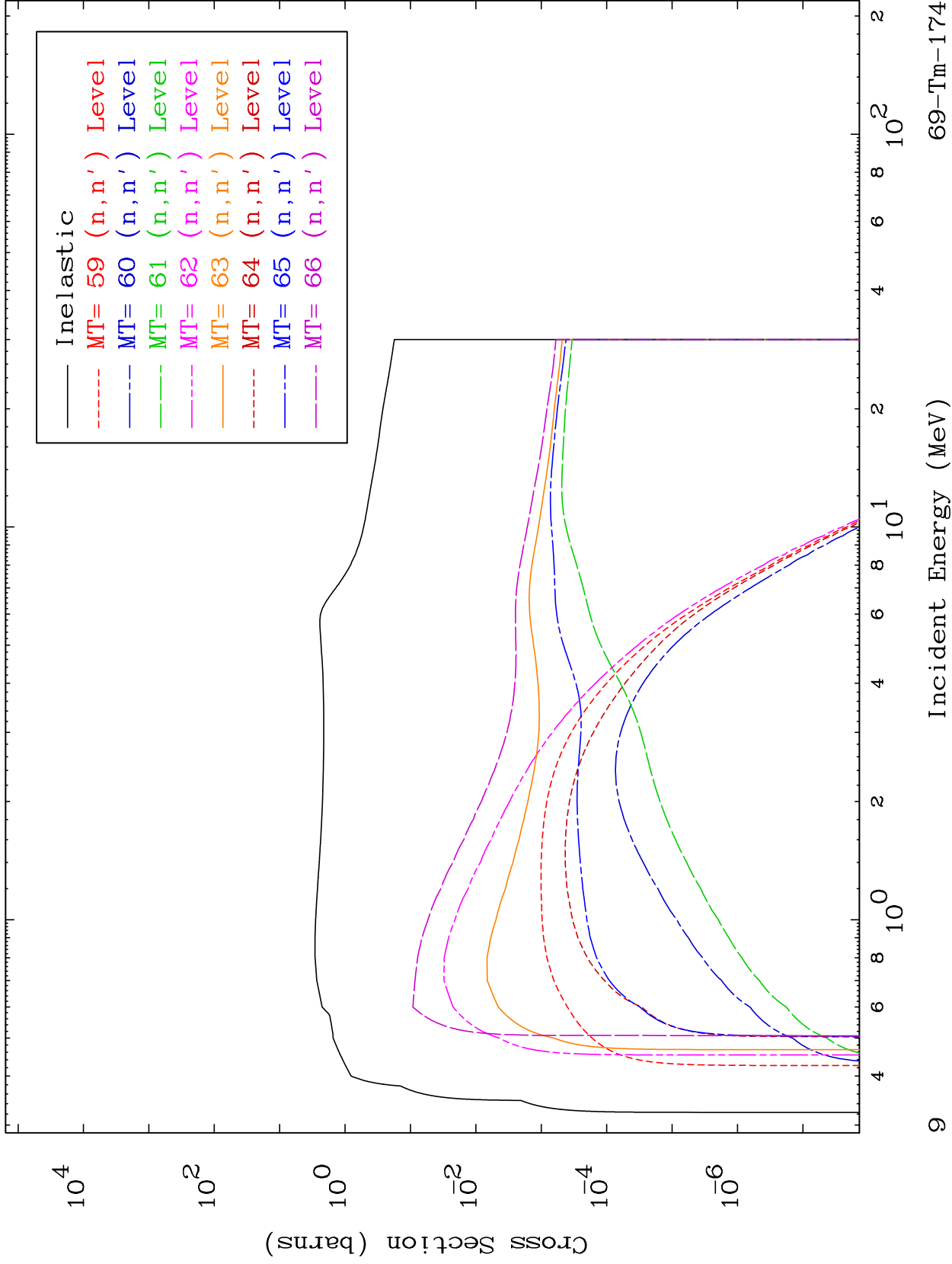
69-Tm-174

MAT 6940

(n,n') Levels

69-Tm-174

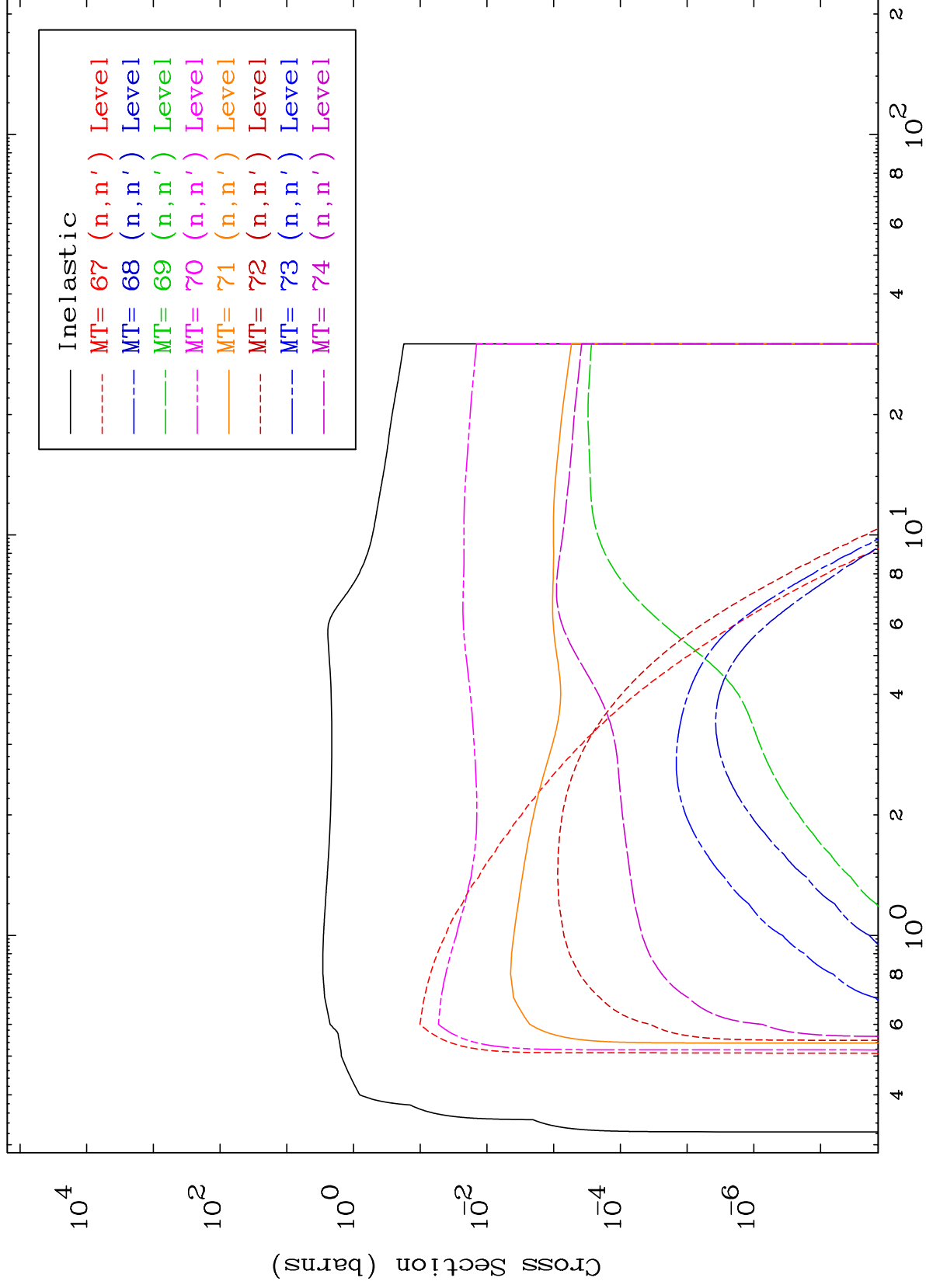
293 Kelvin Cross Sections



MAT 6940

(n,n') Levels
293 Kelvin Cross Sections

69-Tm-174

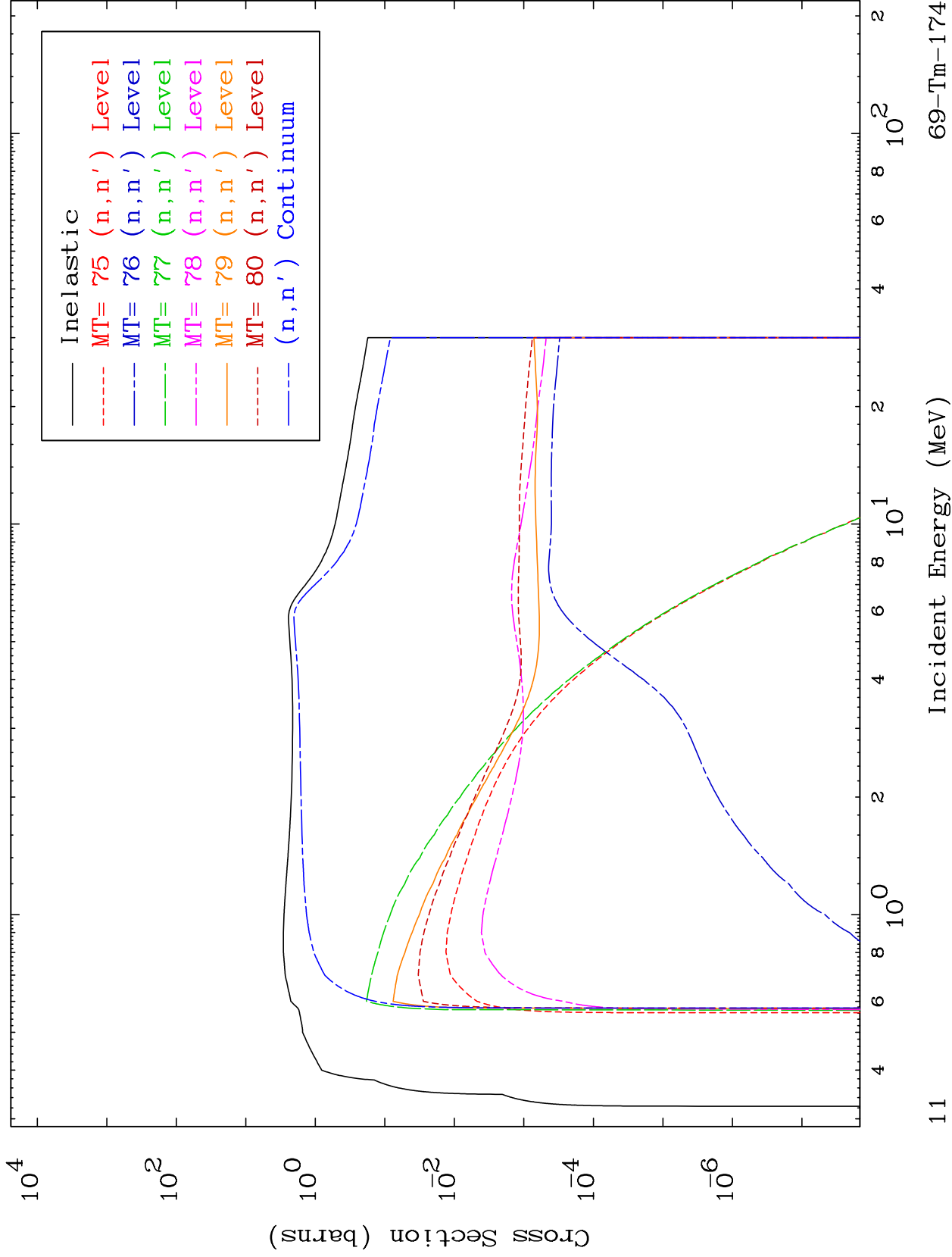


10

Incident Energy (MeV)

69-Tm-174

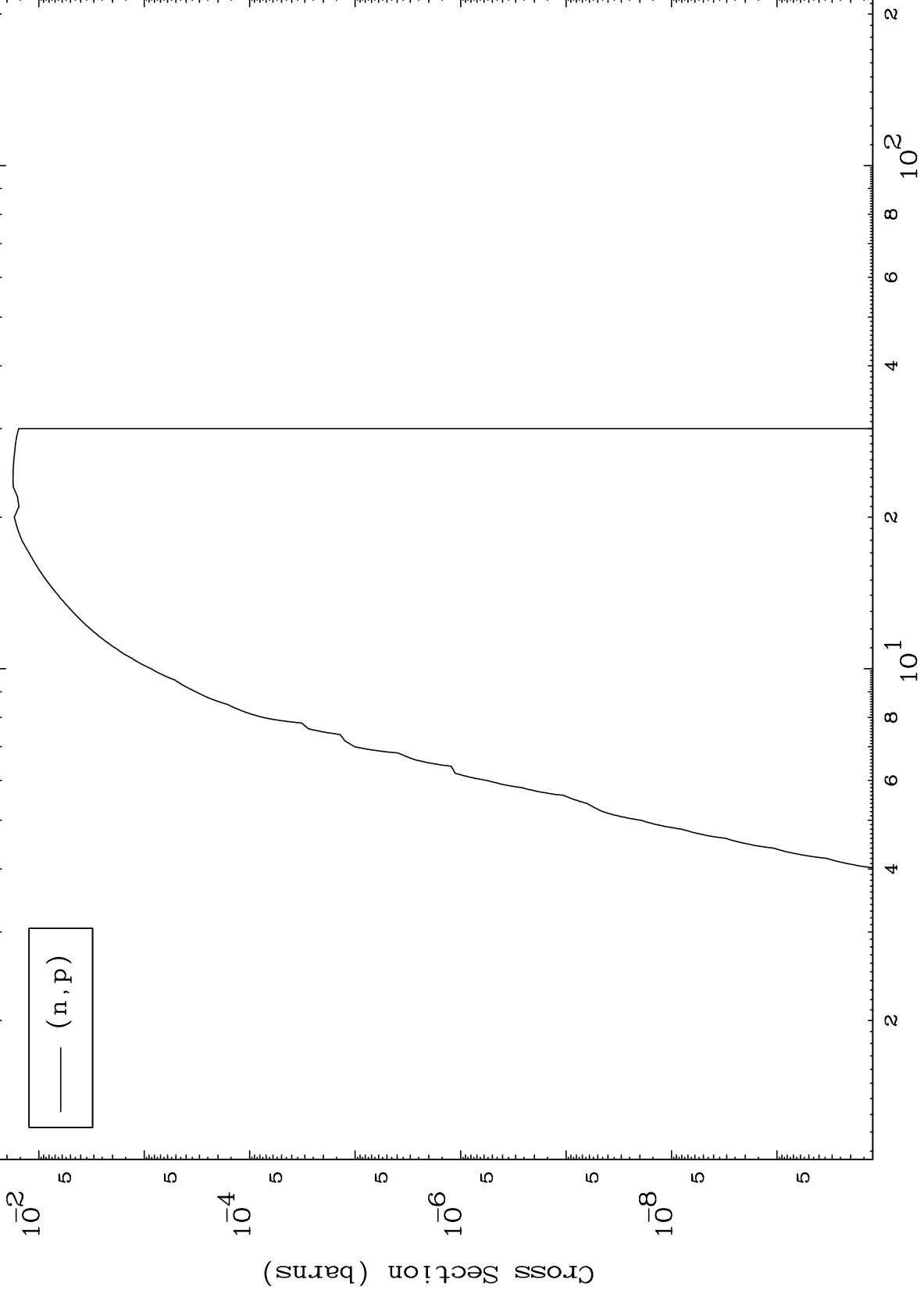
293 Kelvin Cross Sections



MAT 6940

(n,p) Levels
293 Kelvin Cross Sections

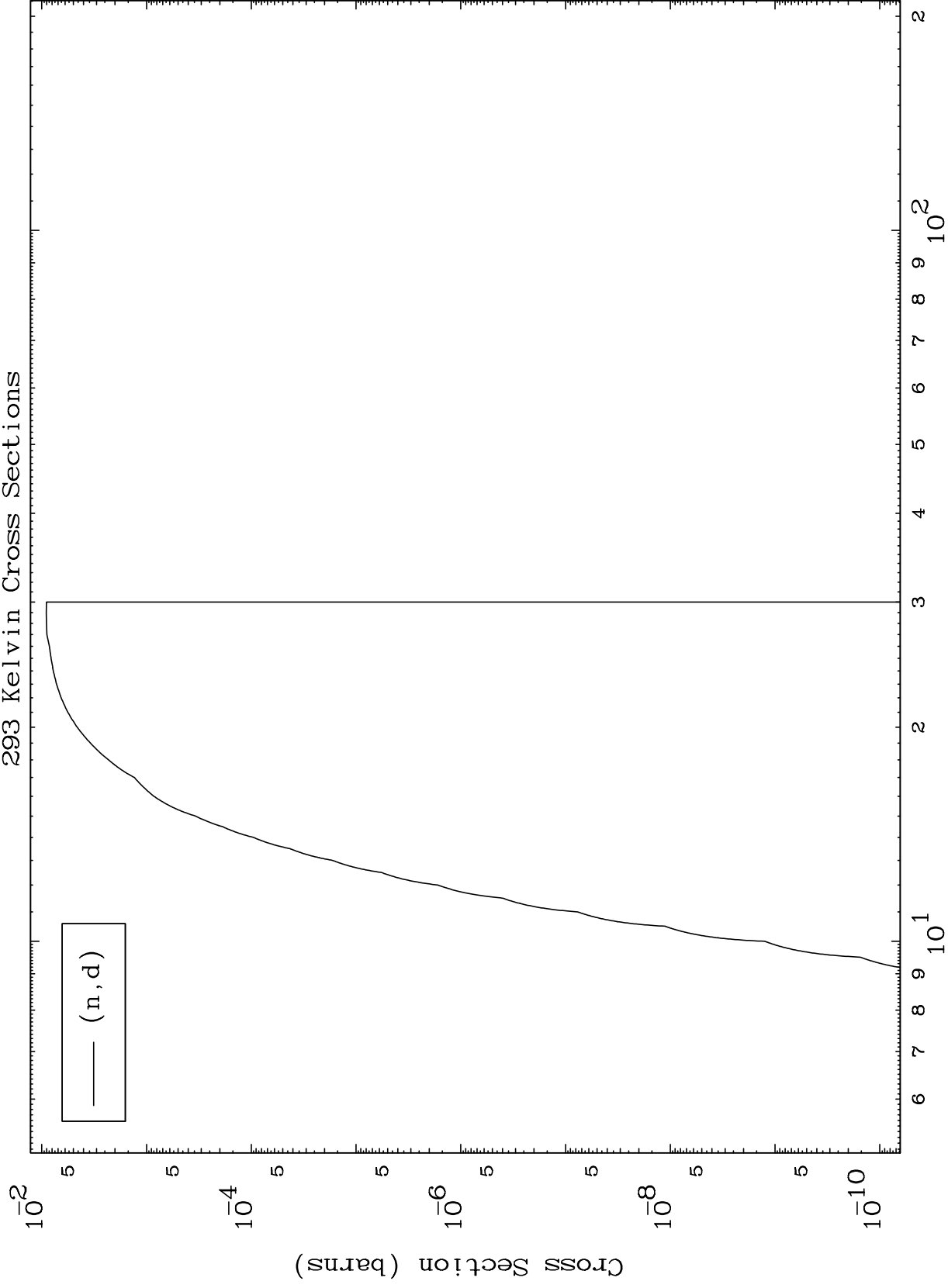
69-Tm-174



MAT 6940

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-174



13

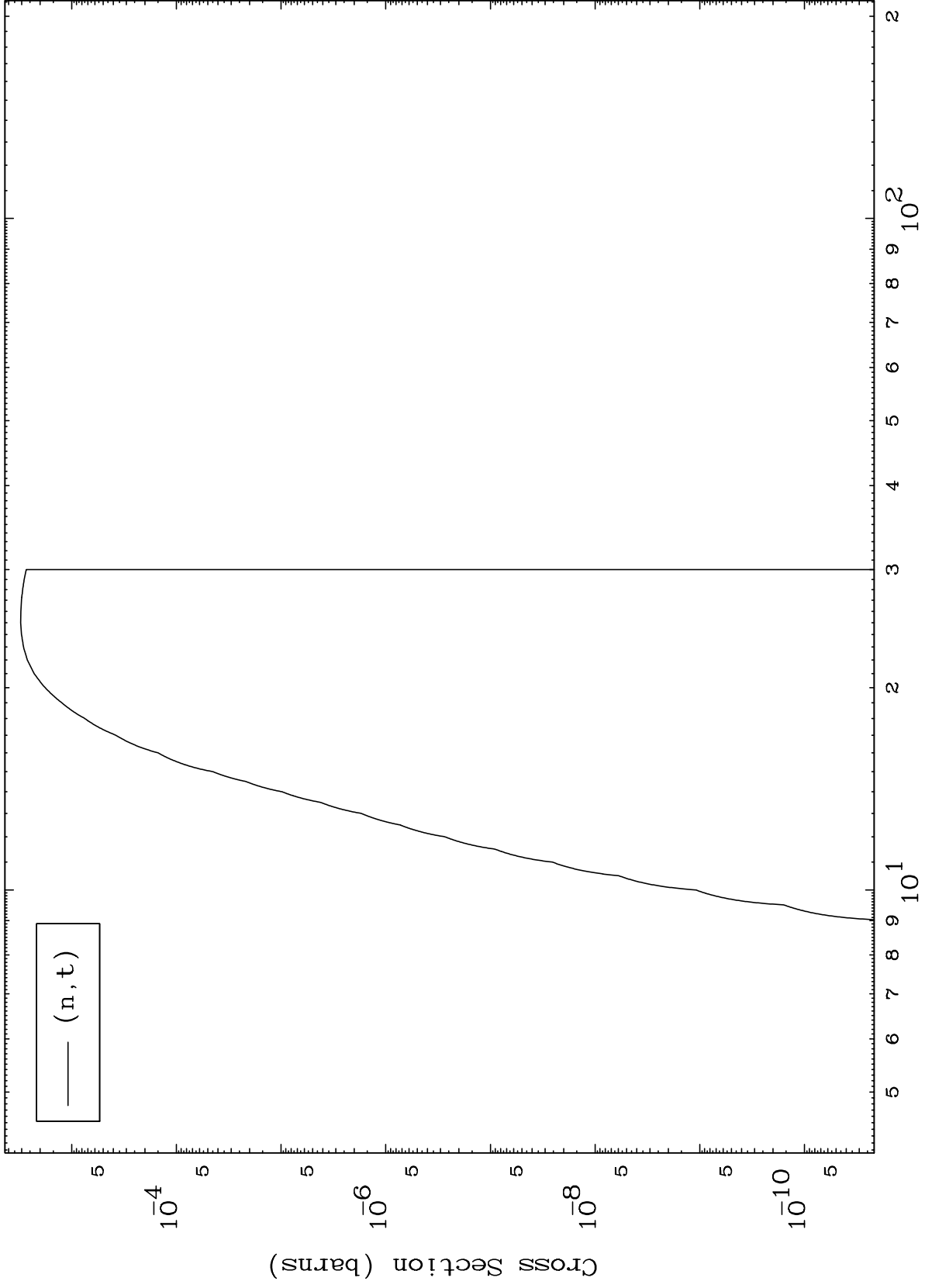
Incident Energy (MeV)

69-Tm-174

MAT 6940

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-174



14

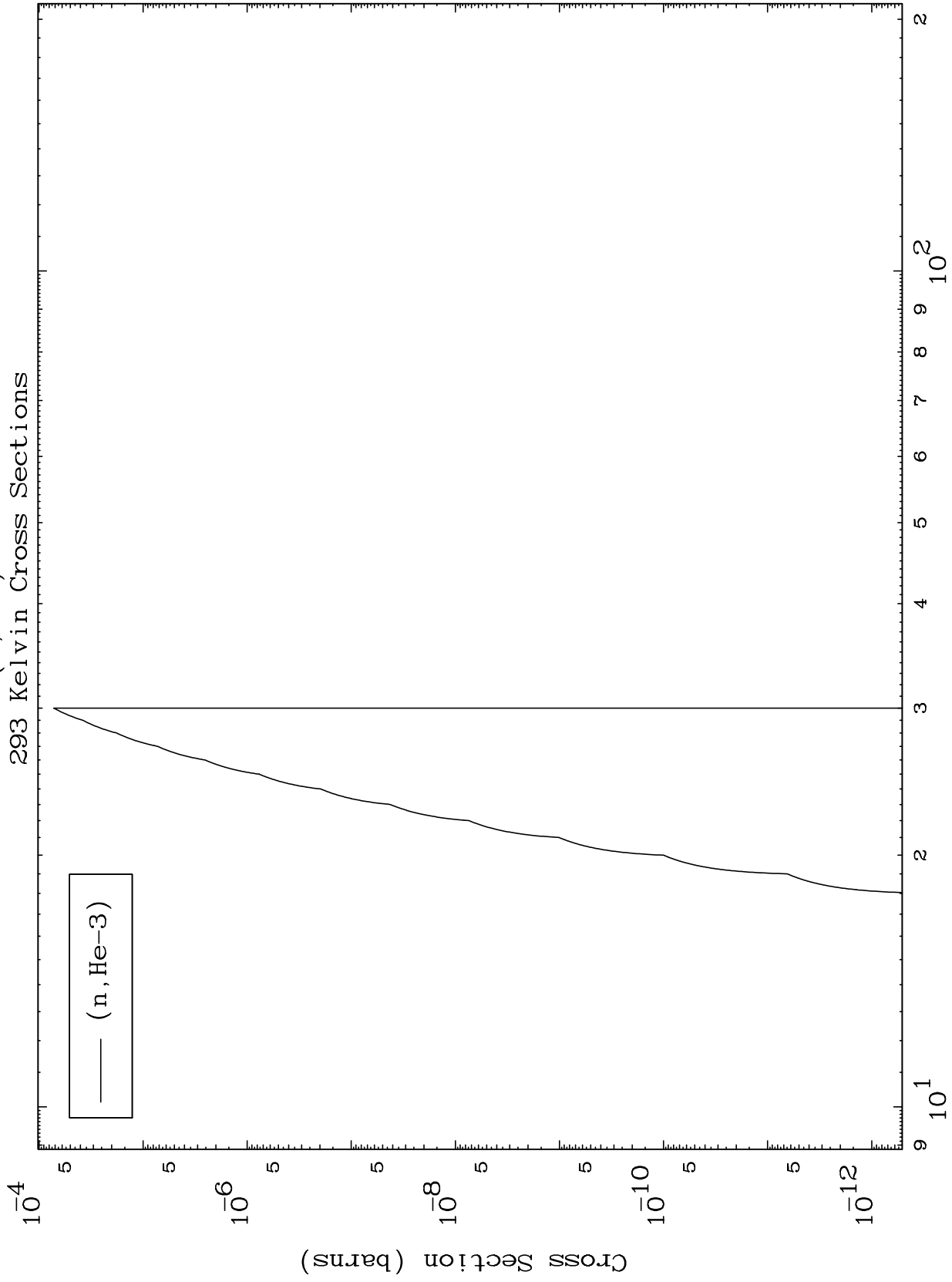
Incident Energy (MeV)

69-Tm-174

MAT 6940

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-174



15

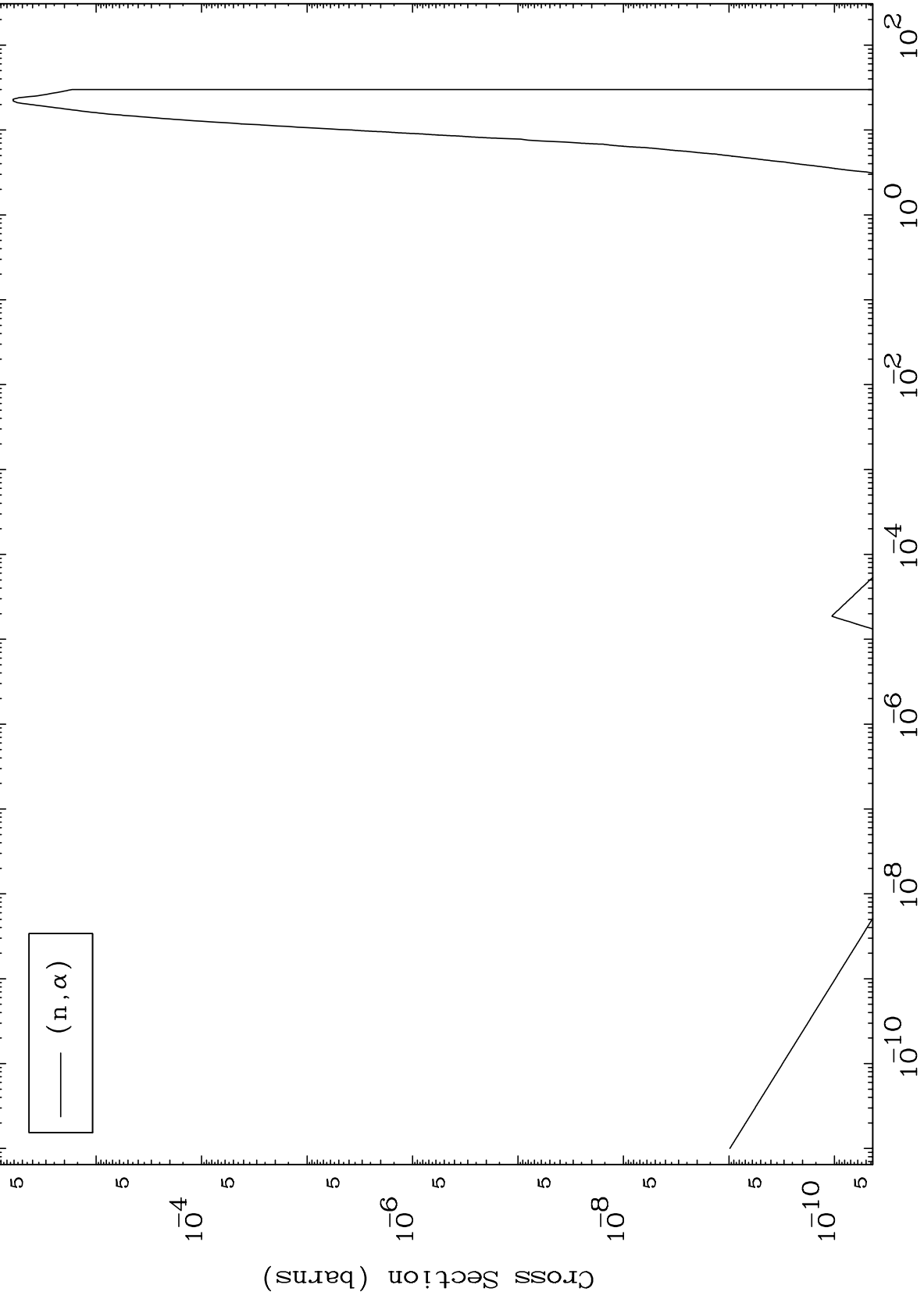
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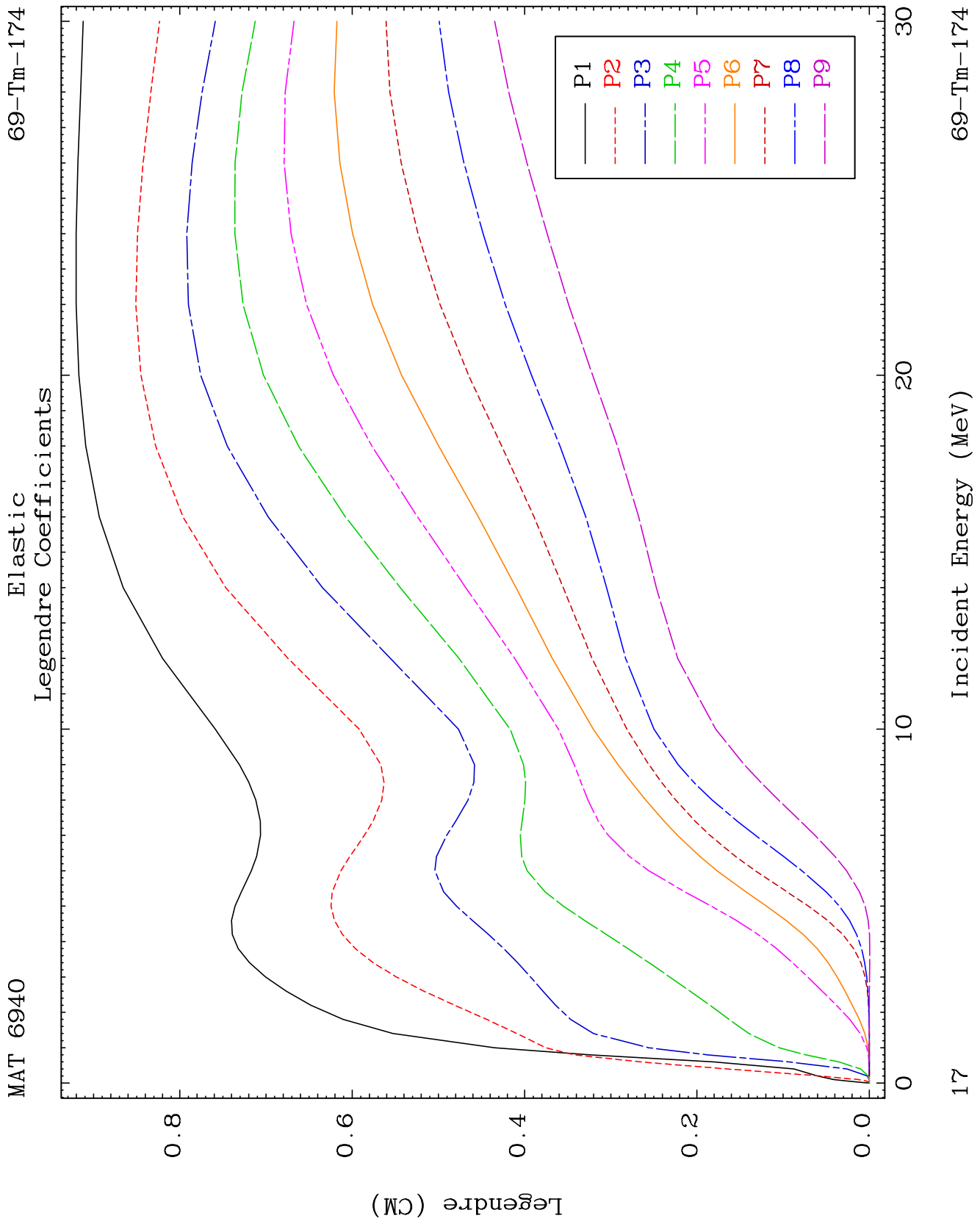
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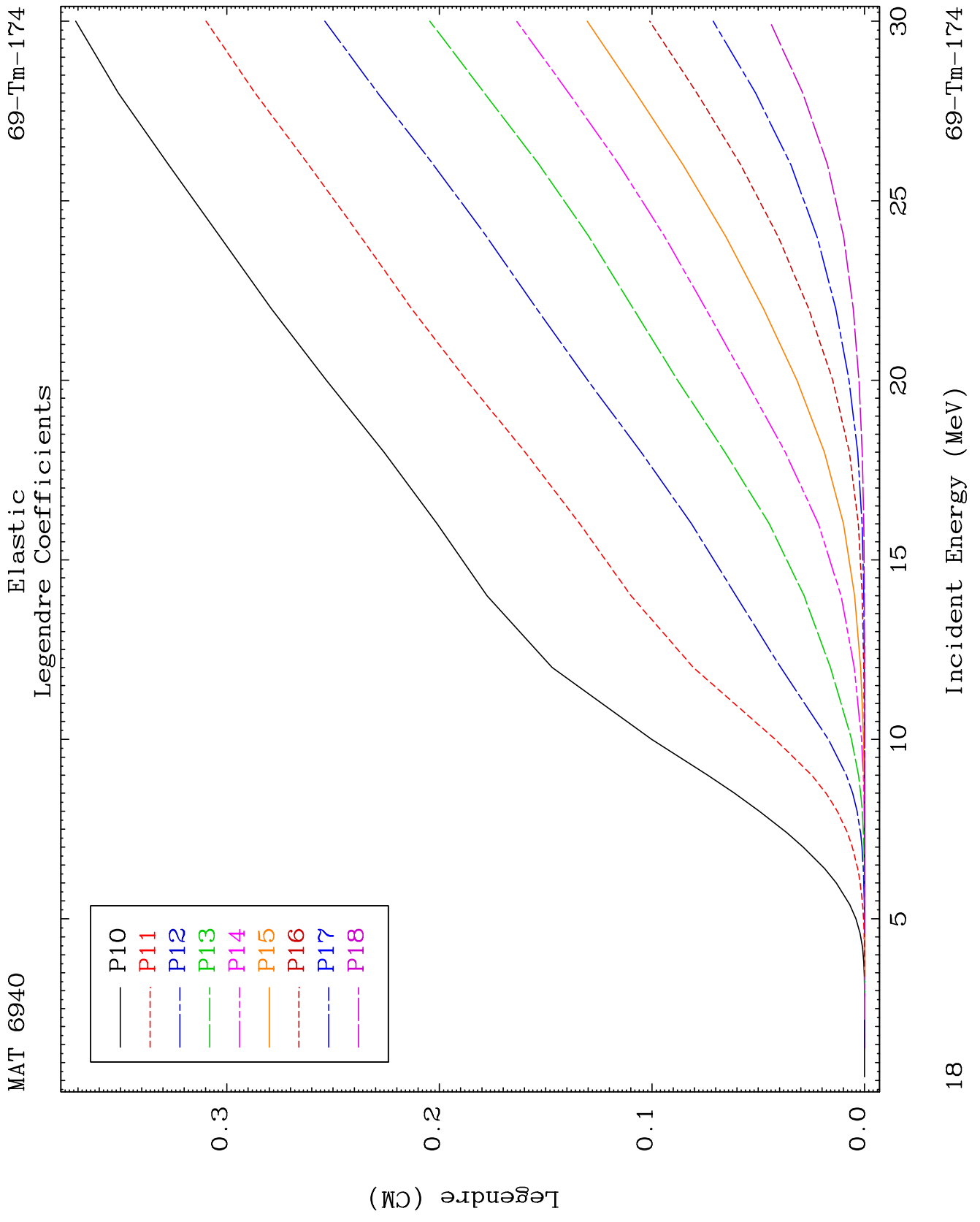
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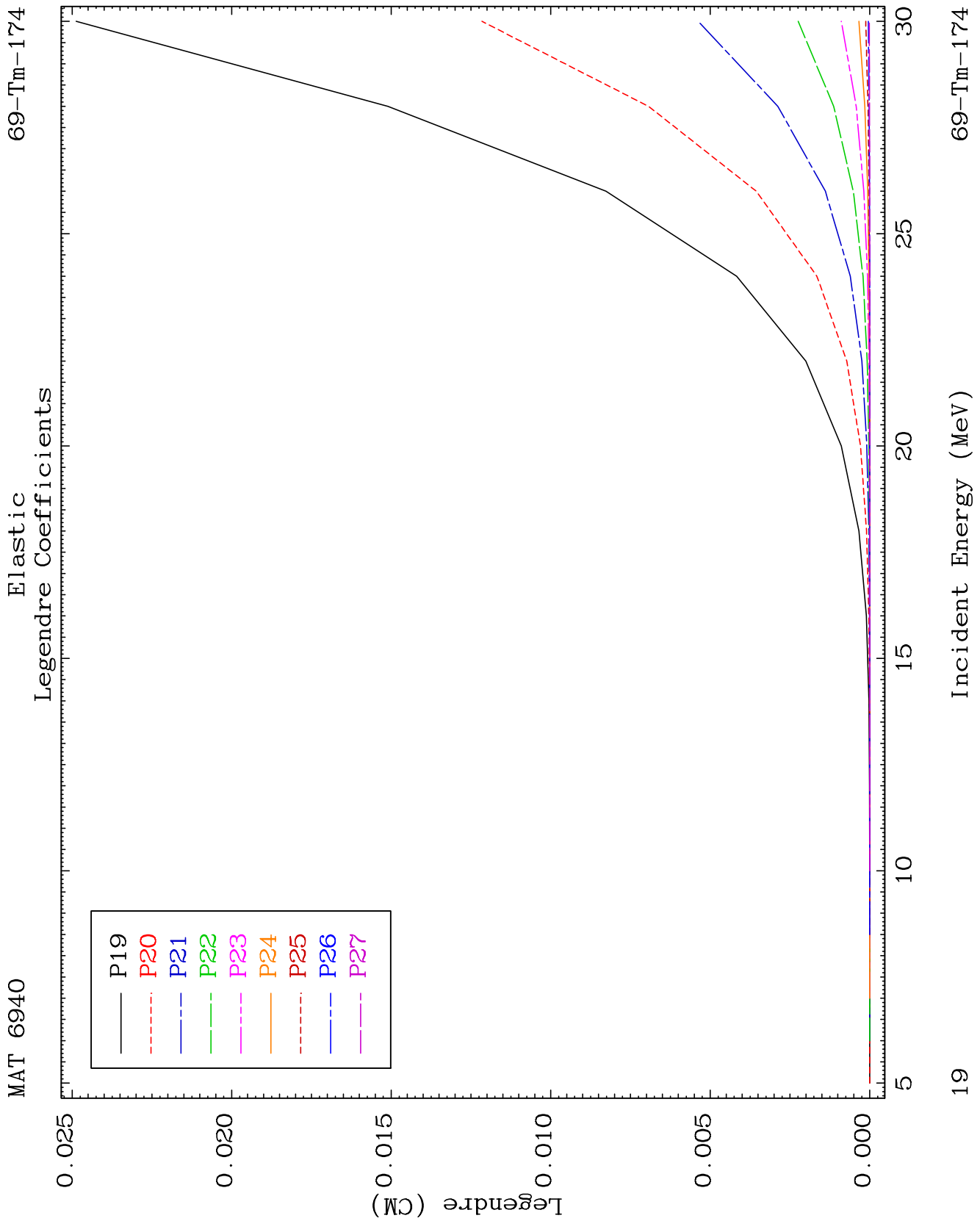
(n, α) Levels
293 Kelvin Cross Sections

69-Tm-174





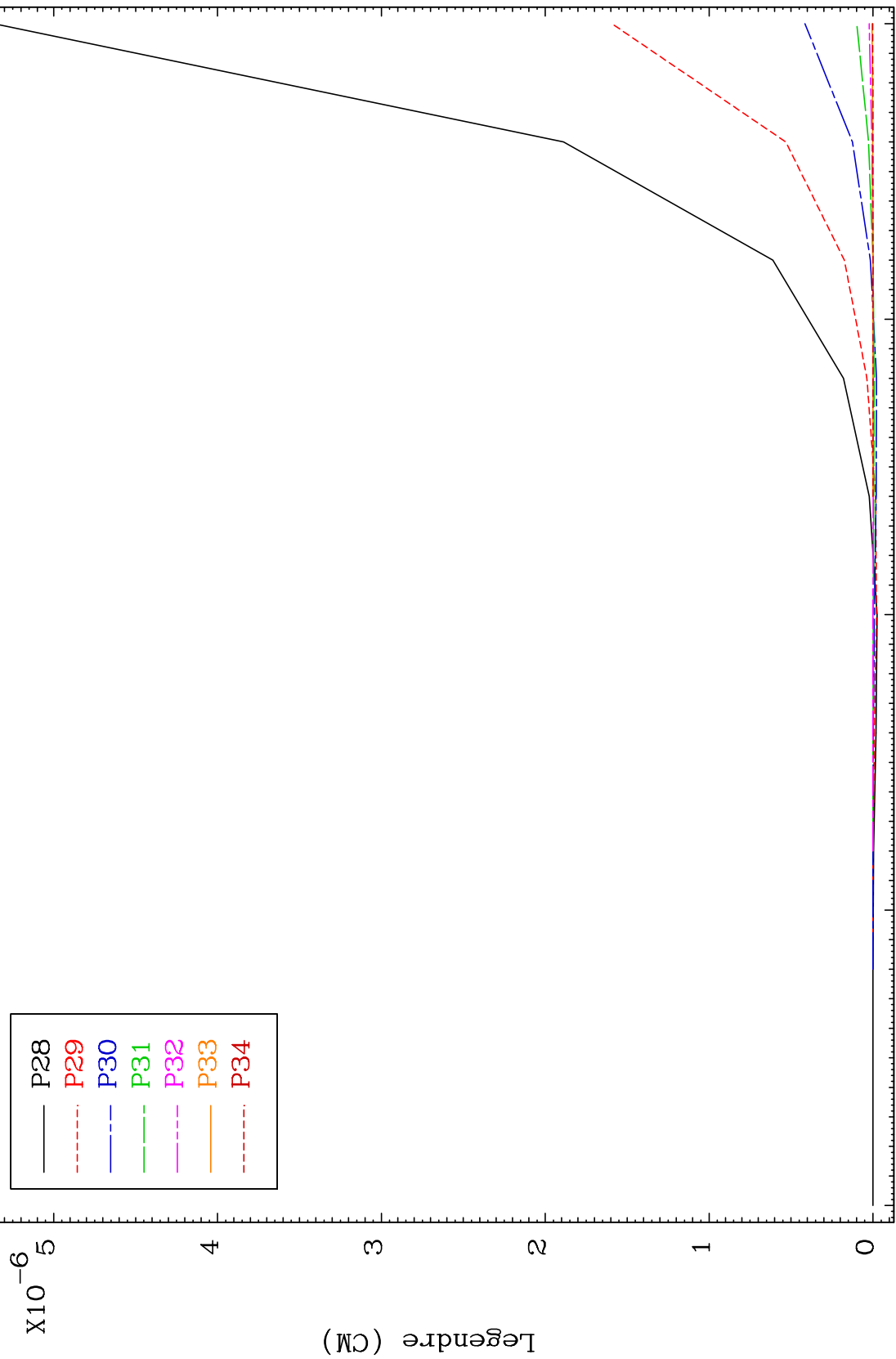
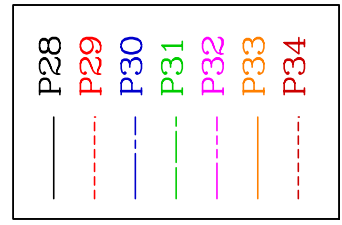




MAT 6940

Elastic Legendre Coefficients

69-Tm-174



69-Tm-174

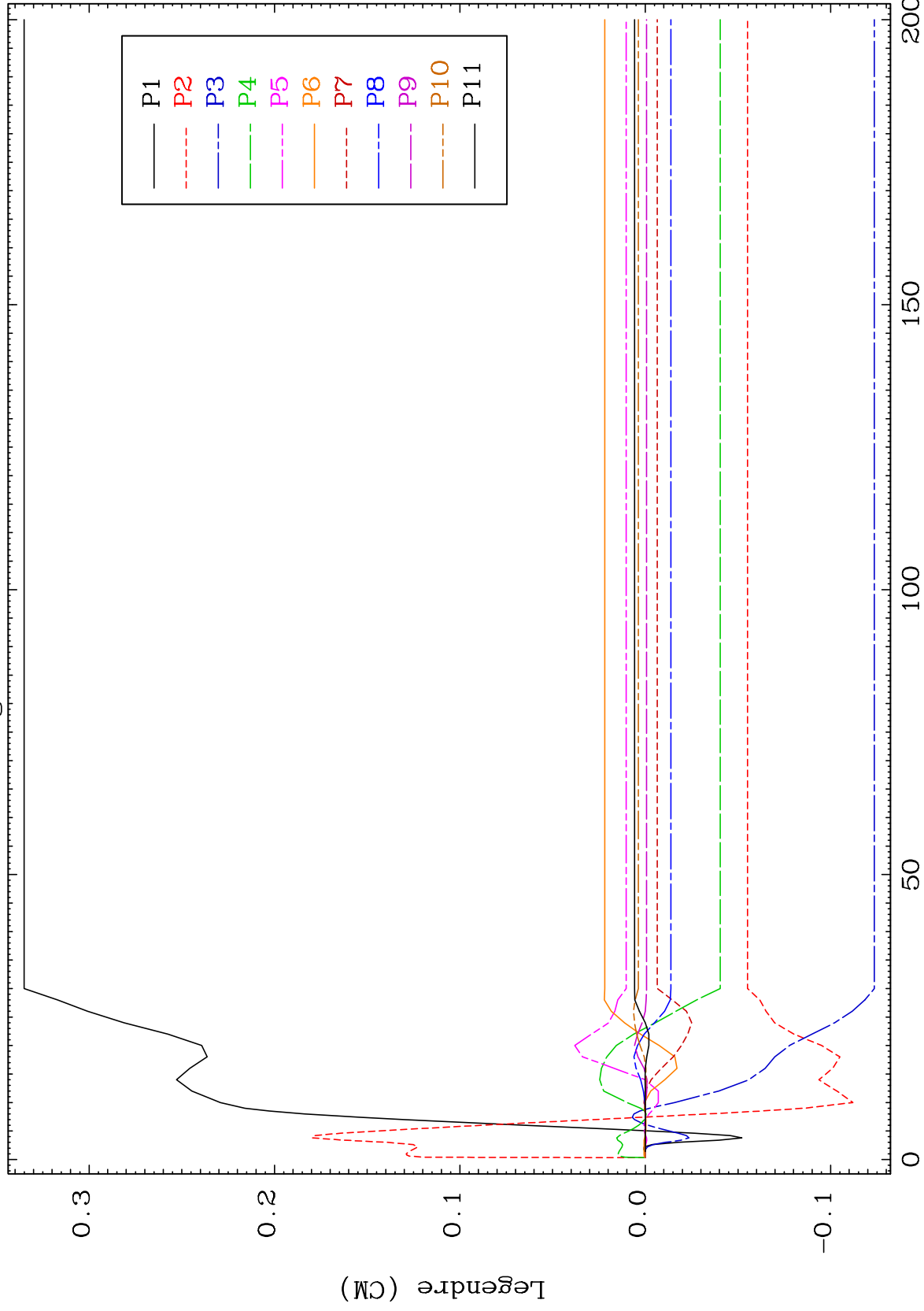
Incident Energy (MeV)

20

MAT 6940

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

69-Tm-174



21

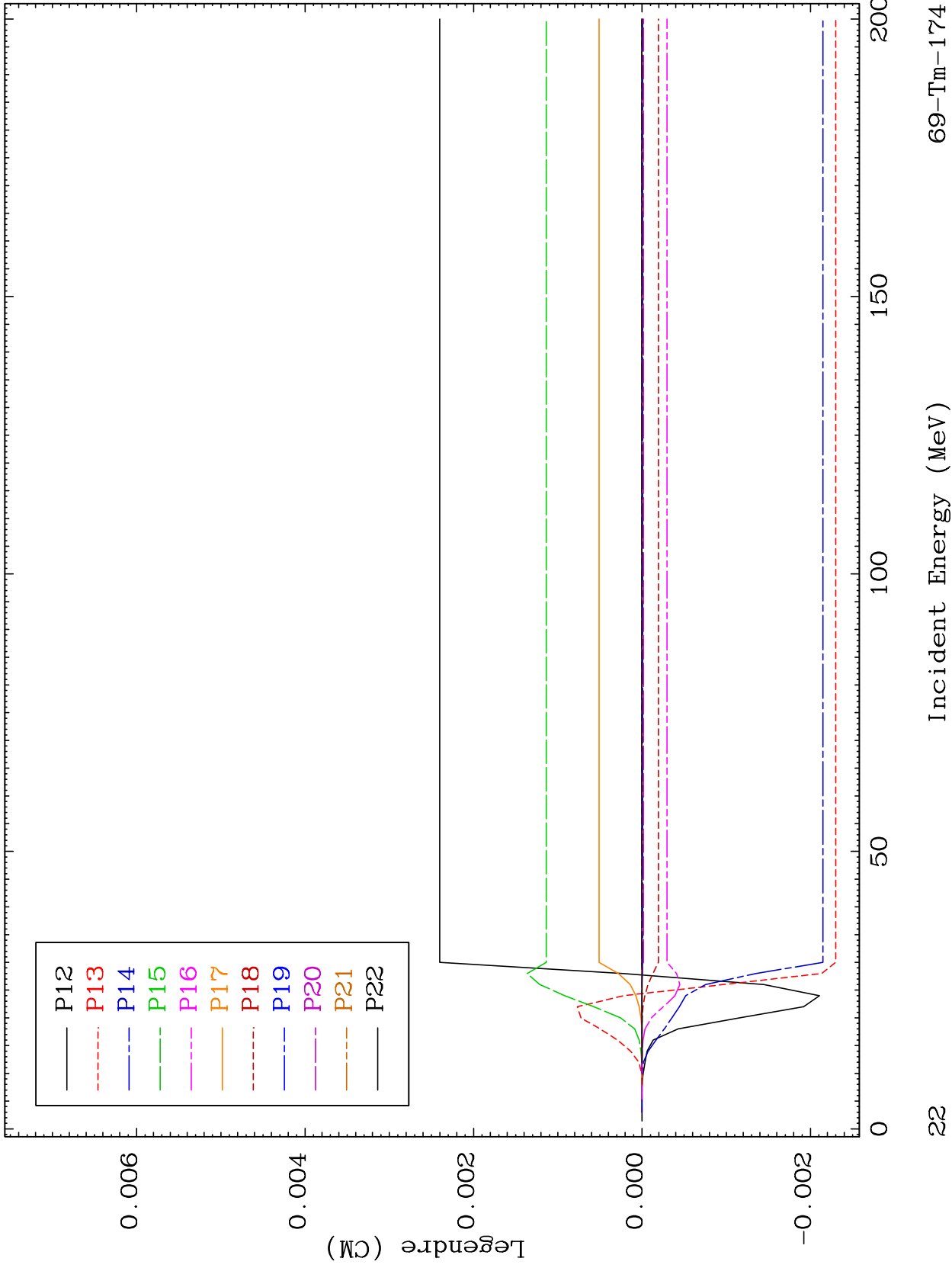
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



22

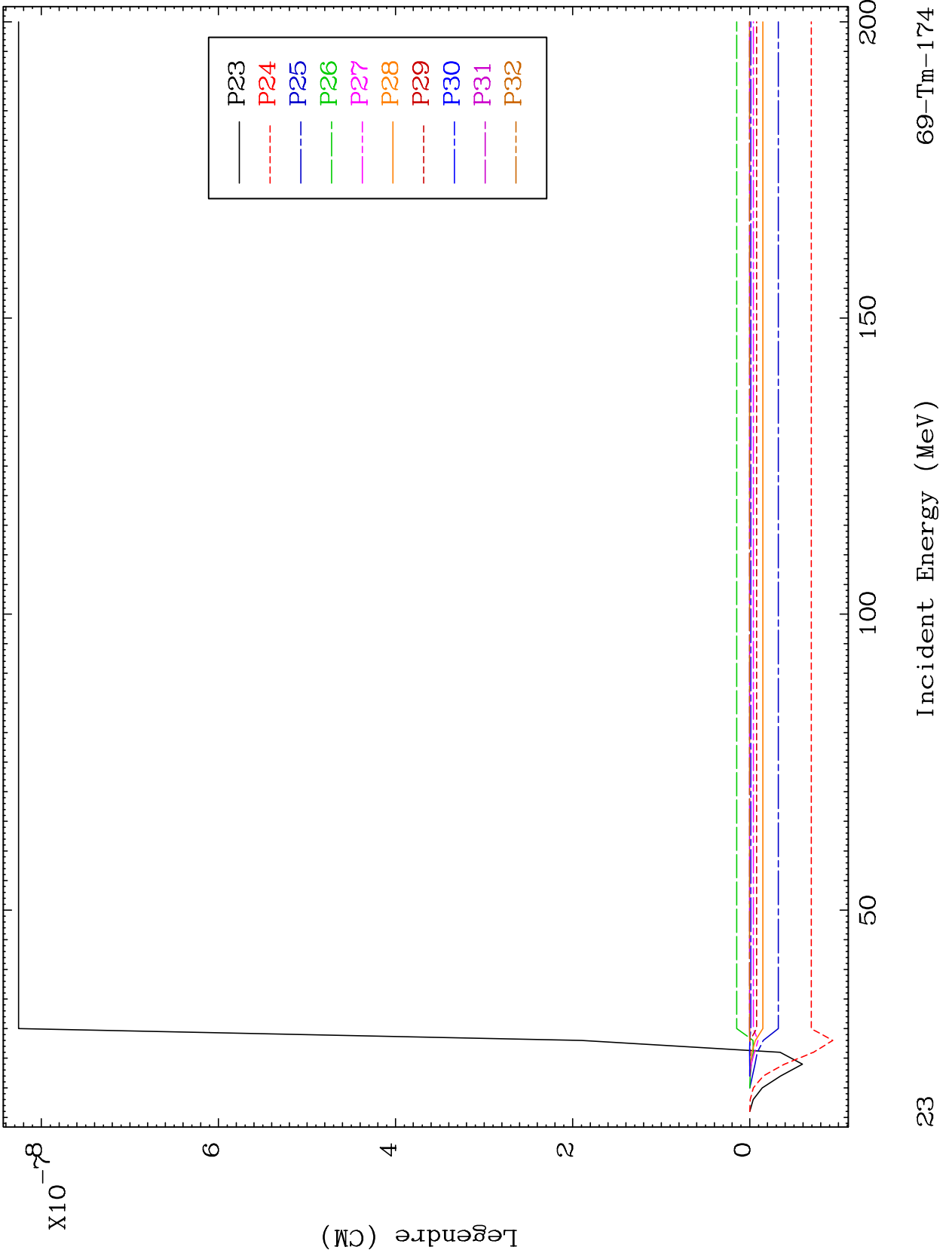
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

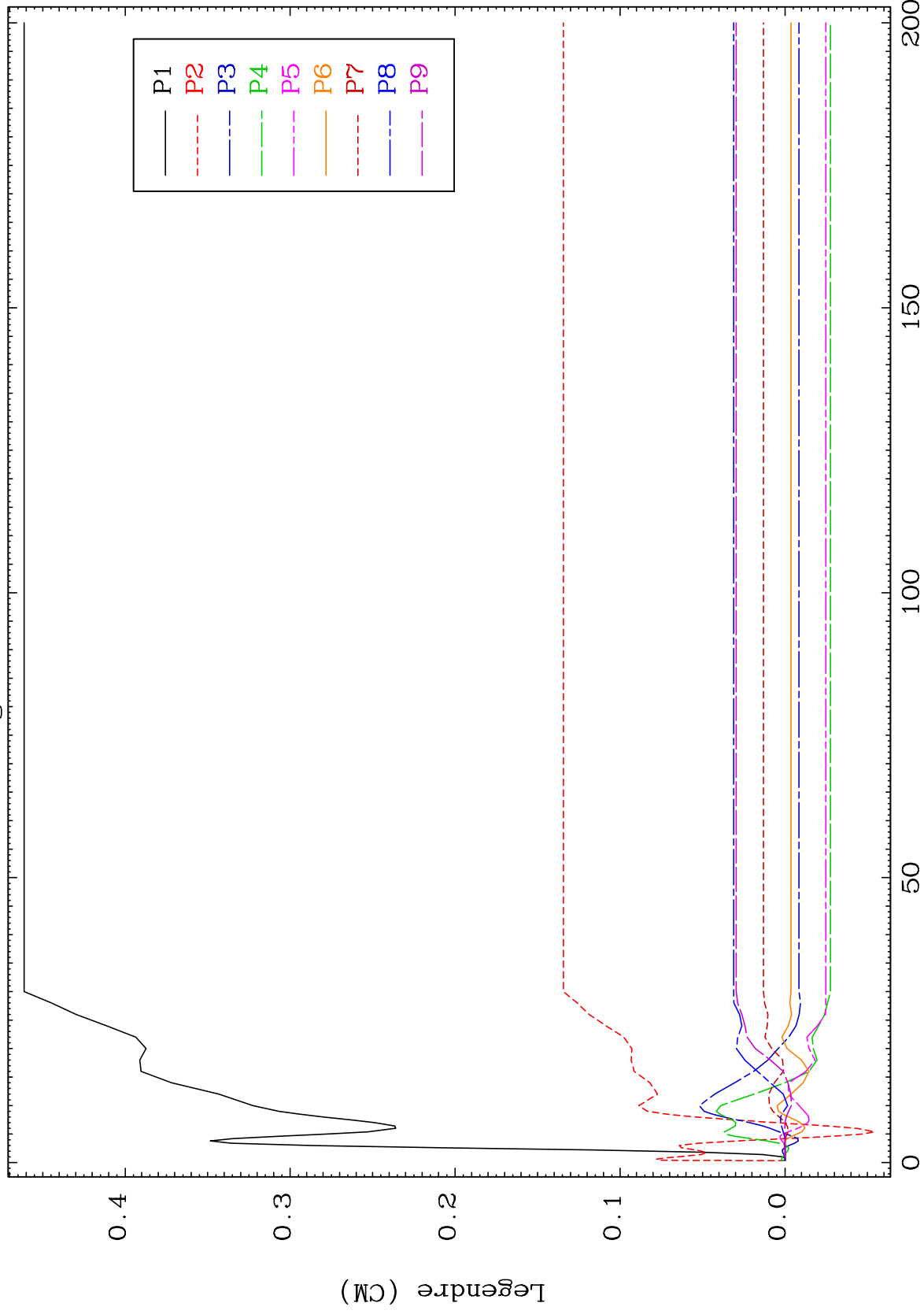
69-Tm-174



MAT 6940

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

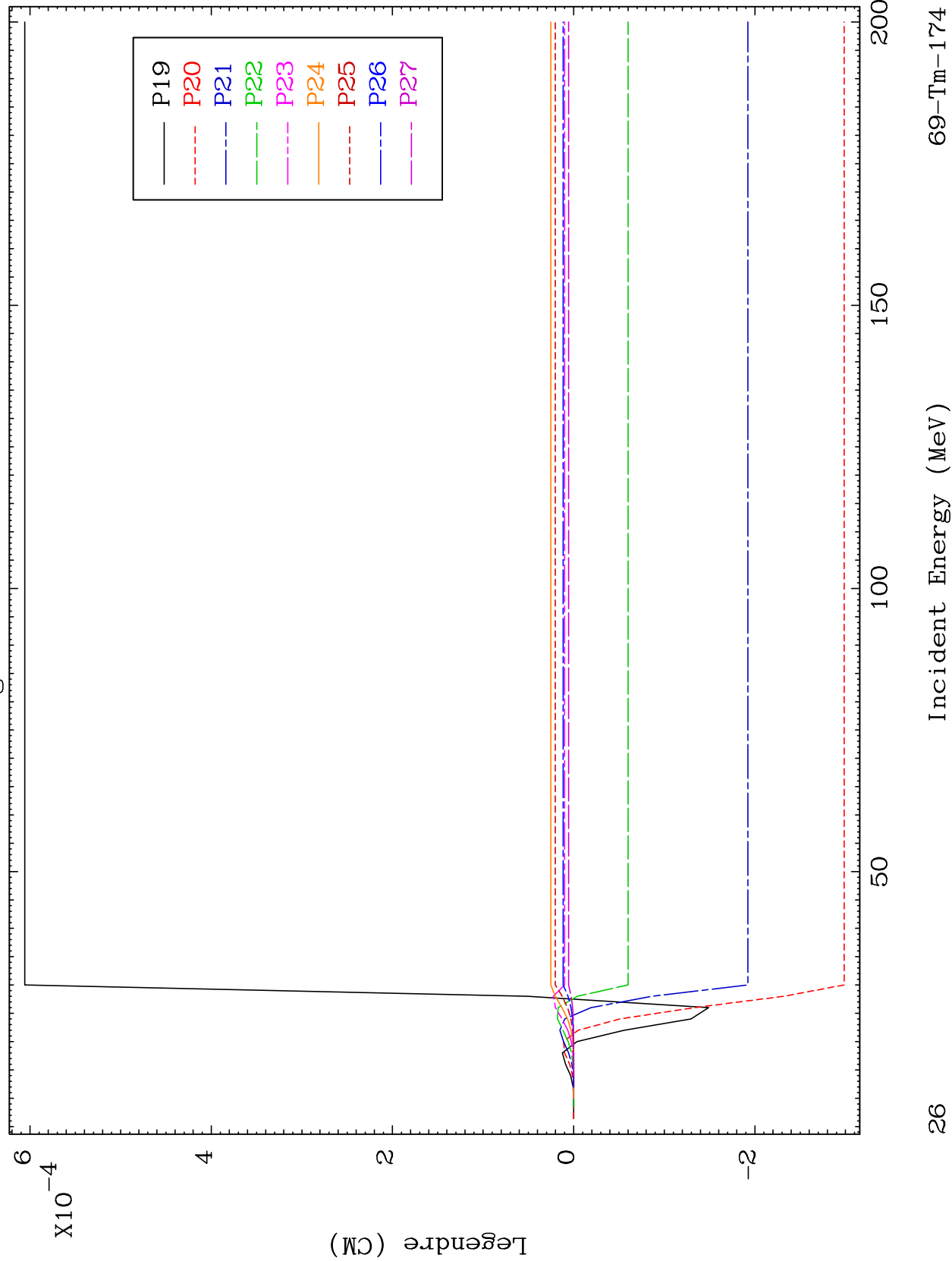
69-Tm-174

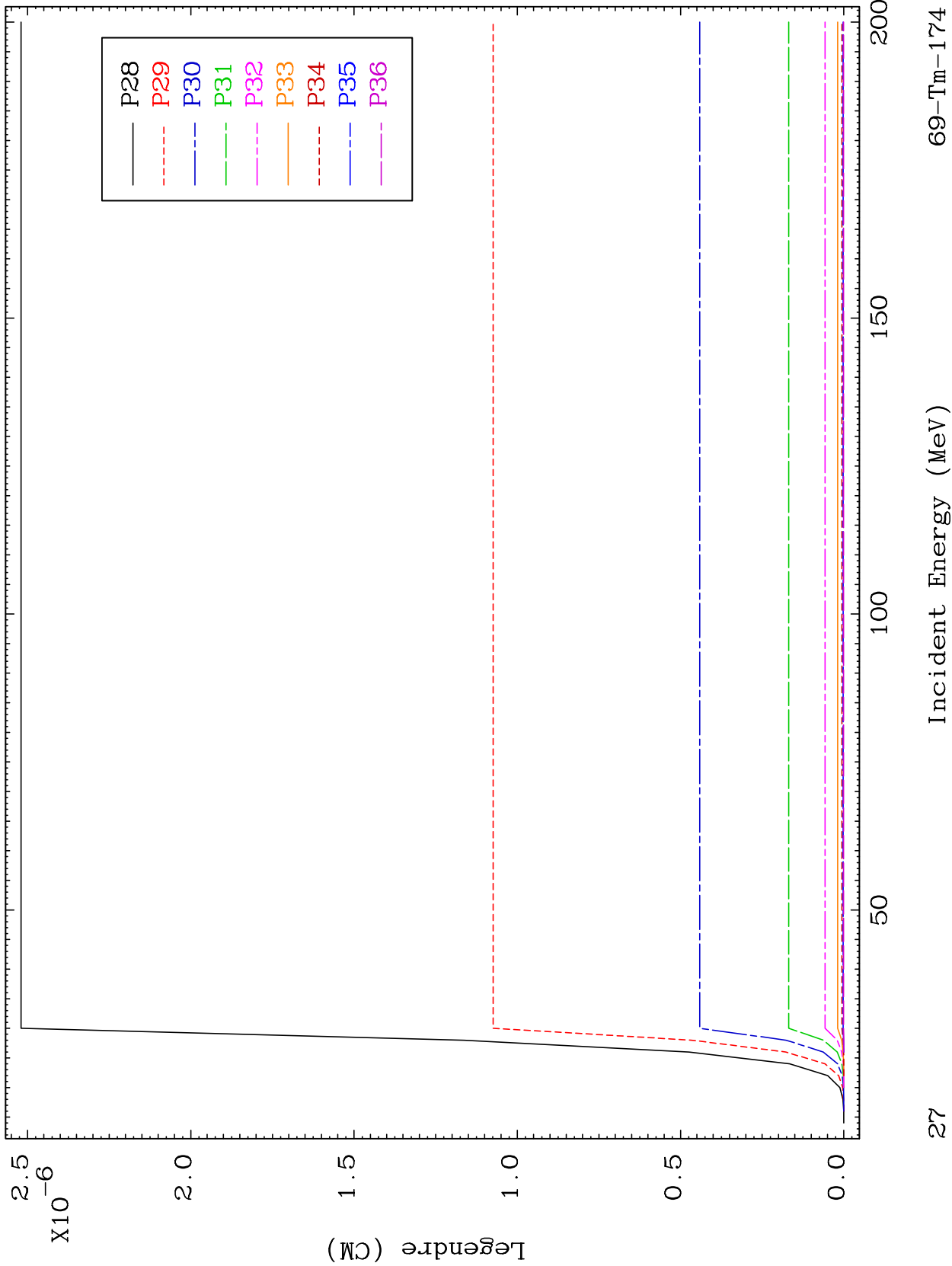


24

Incident Energy (MeV)

69-Tm-174

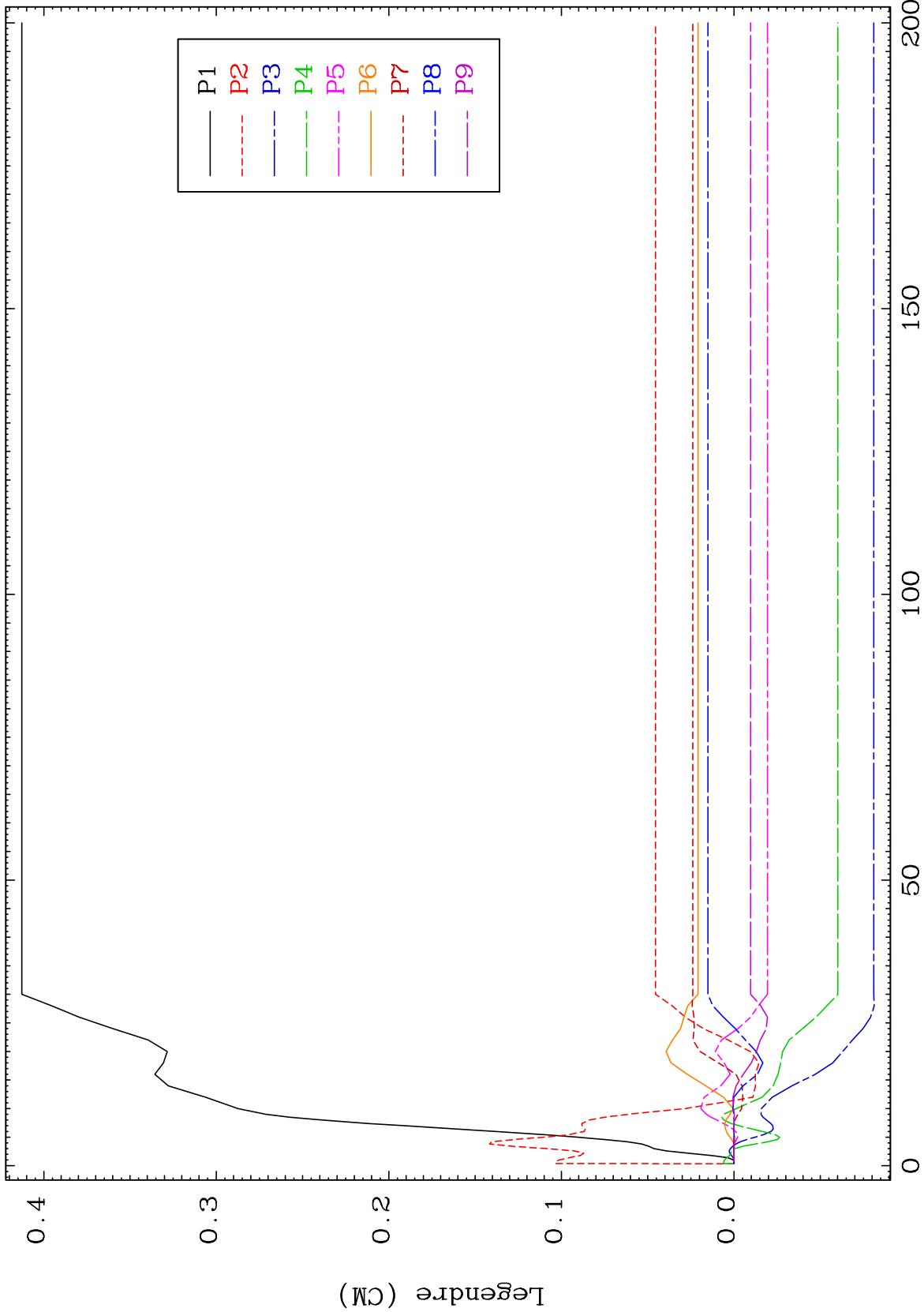




MAT 6940

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

69-Tm-174



28

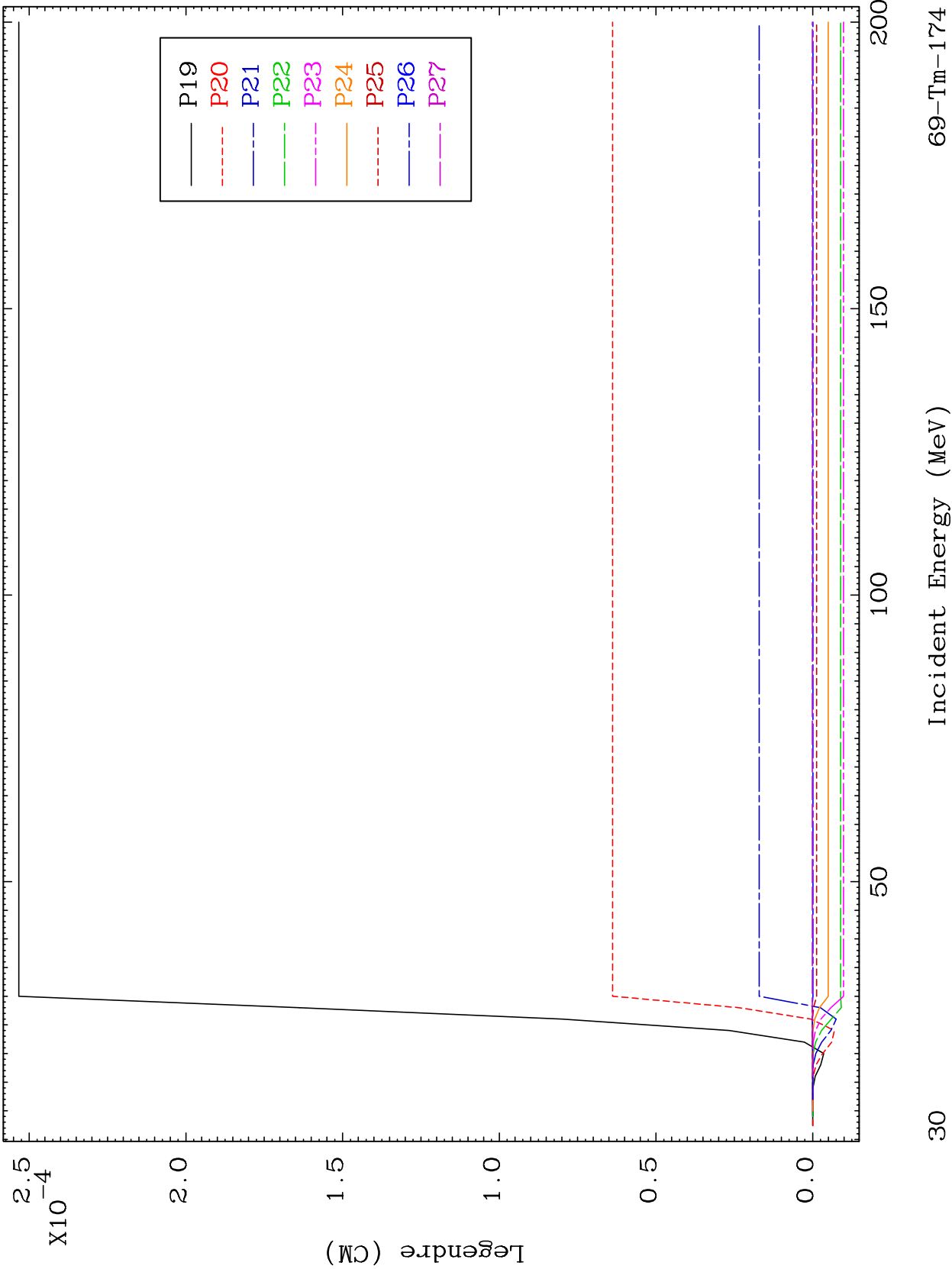
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



30

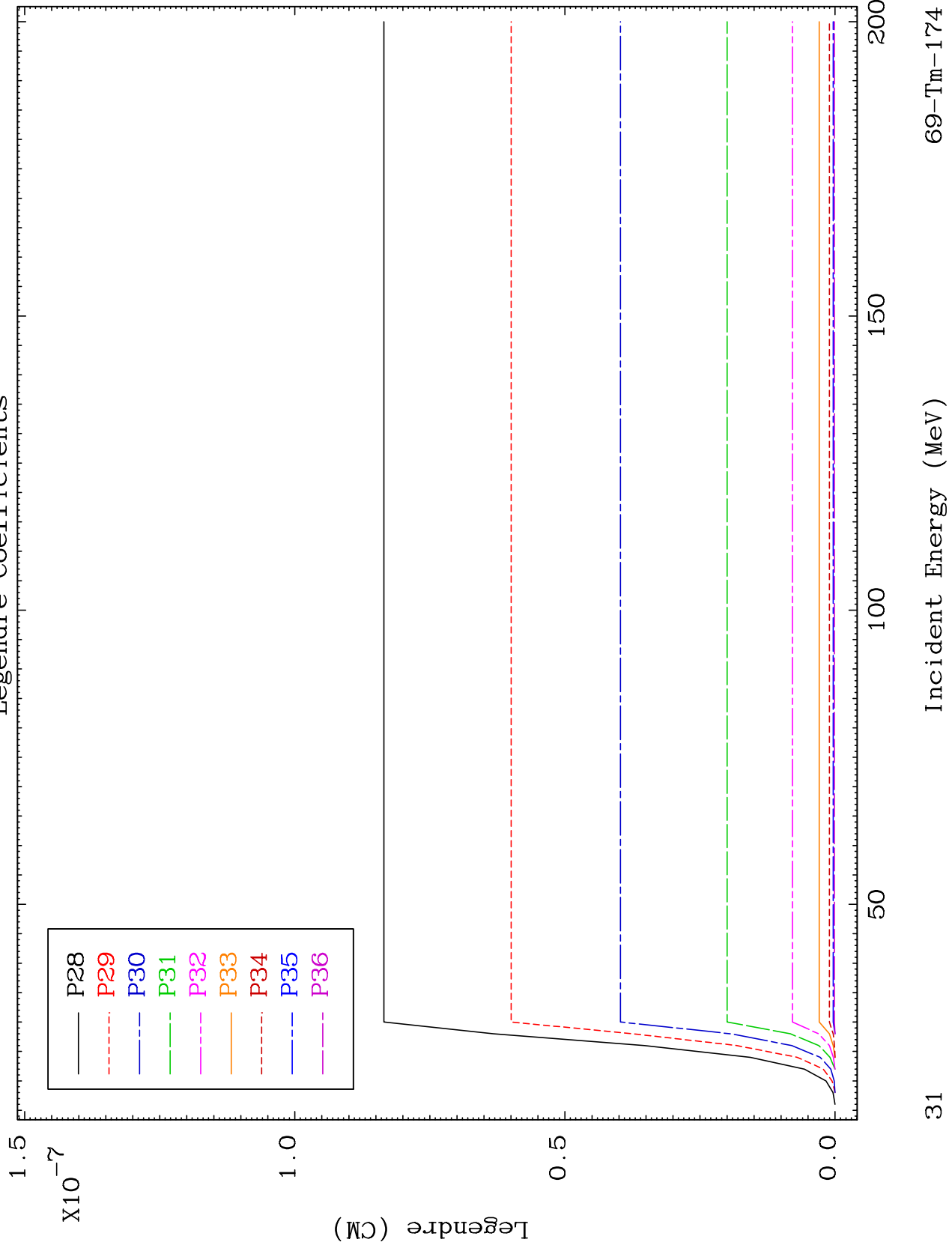
Incident Energy (MeV)

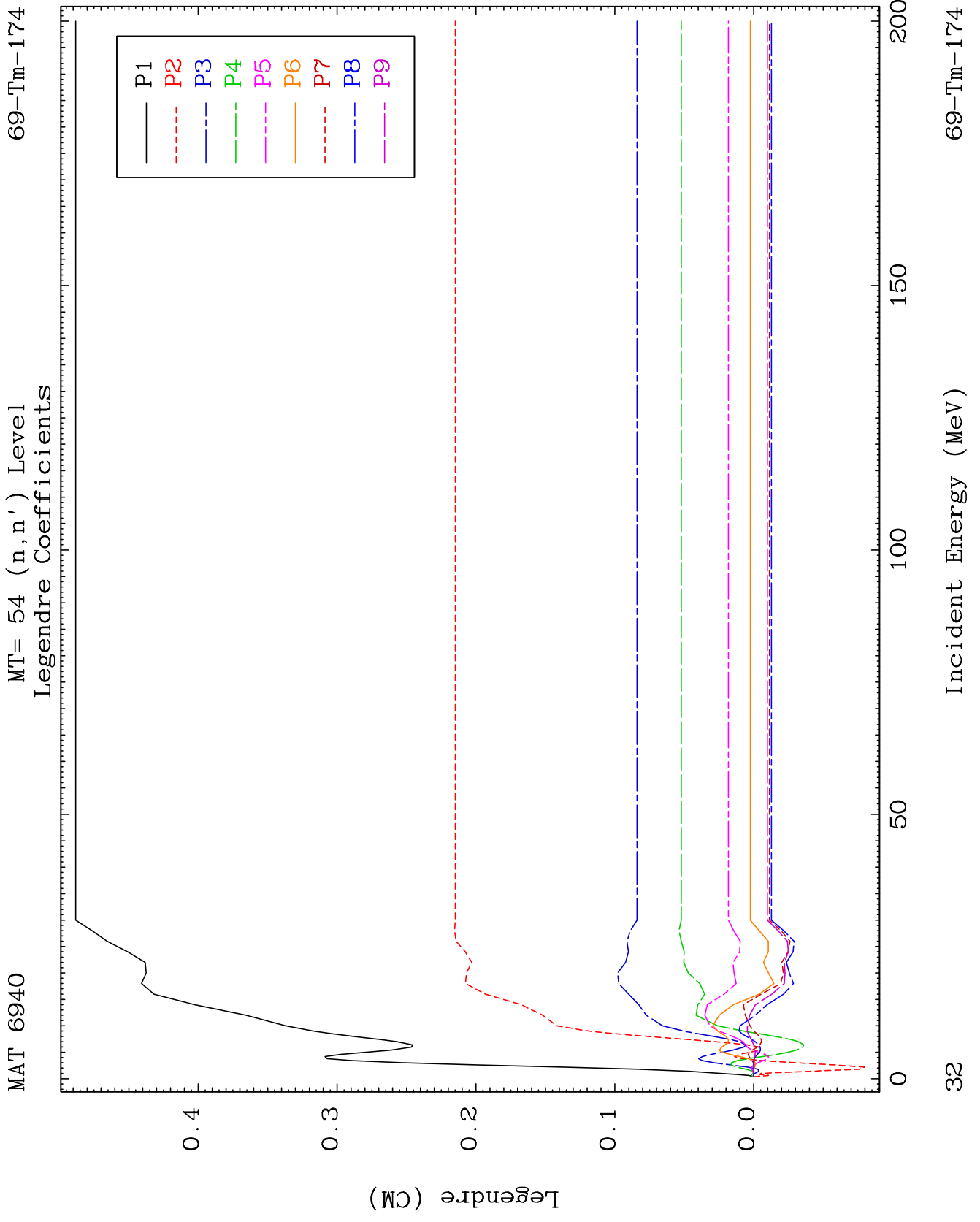
69-Tm-174

MAT 6940

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

69-Tm-174

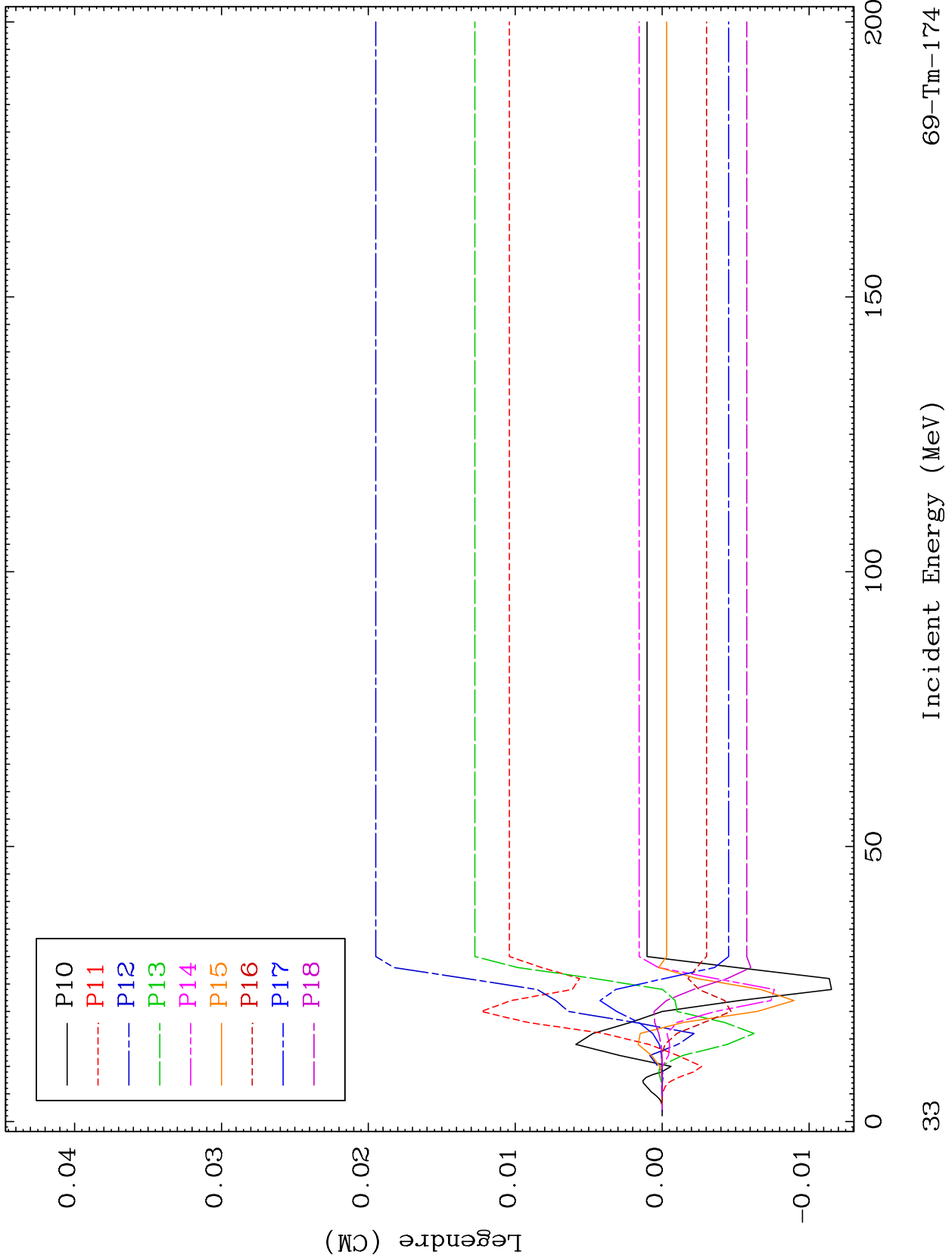


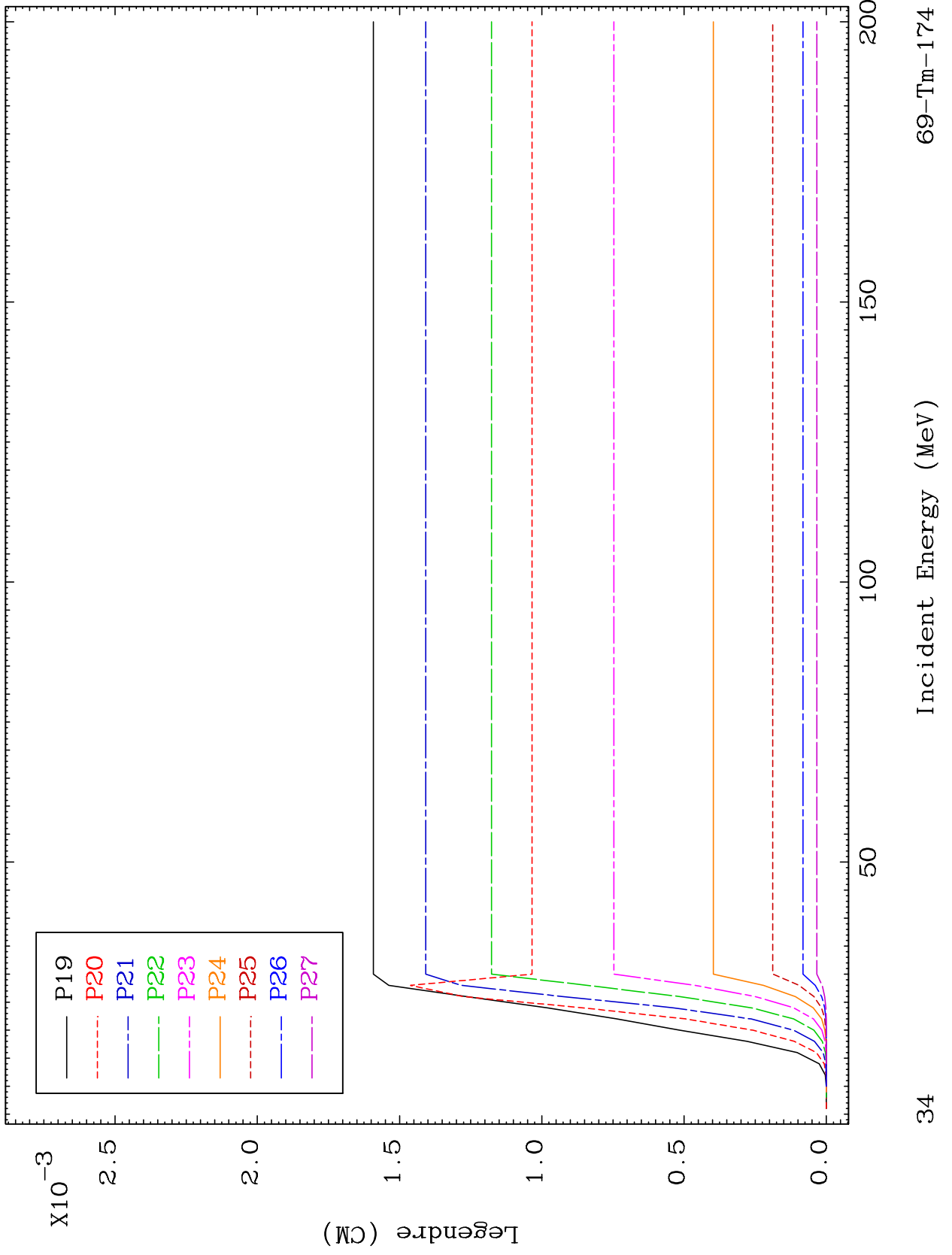


MAT 6940

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

69-Tm-174

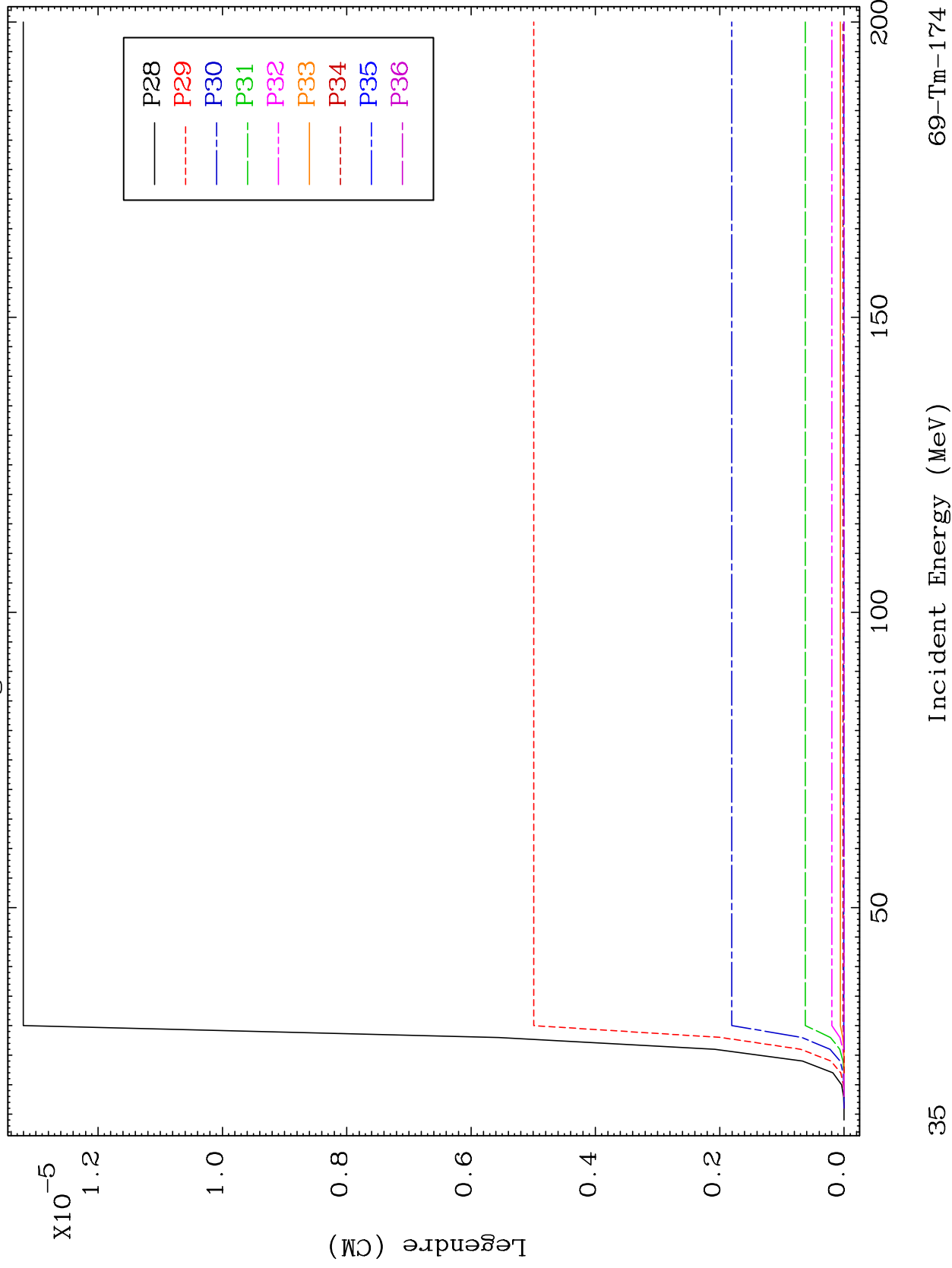




MAT 6940

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

69-Tm-174



35

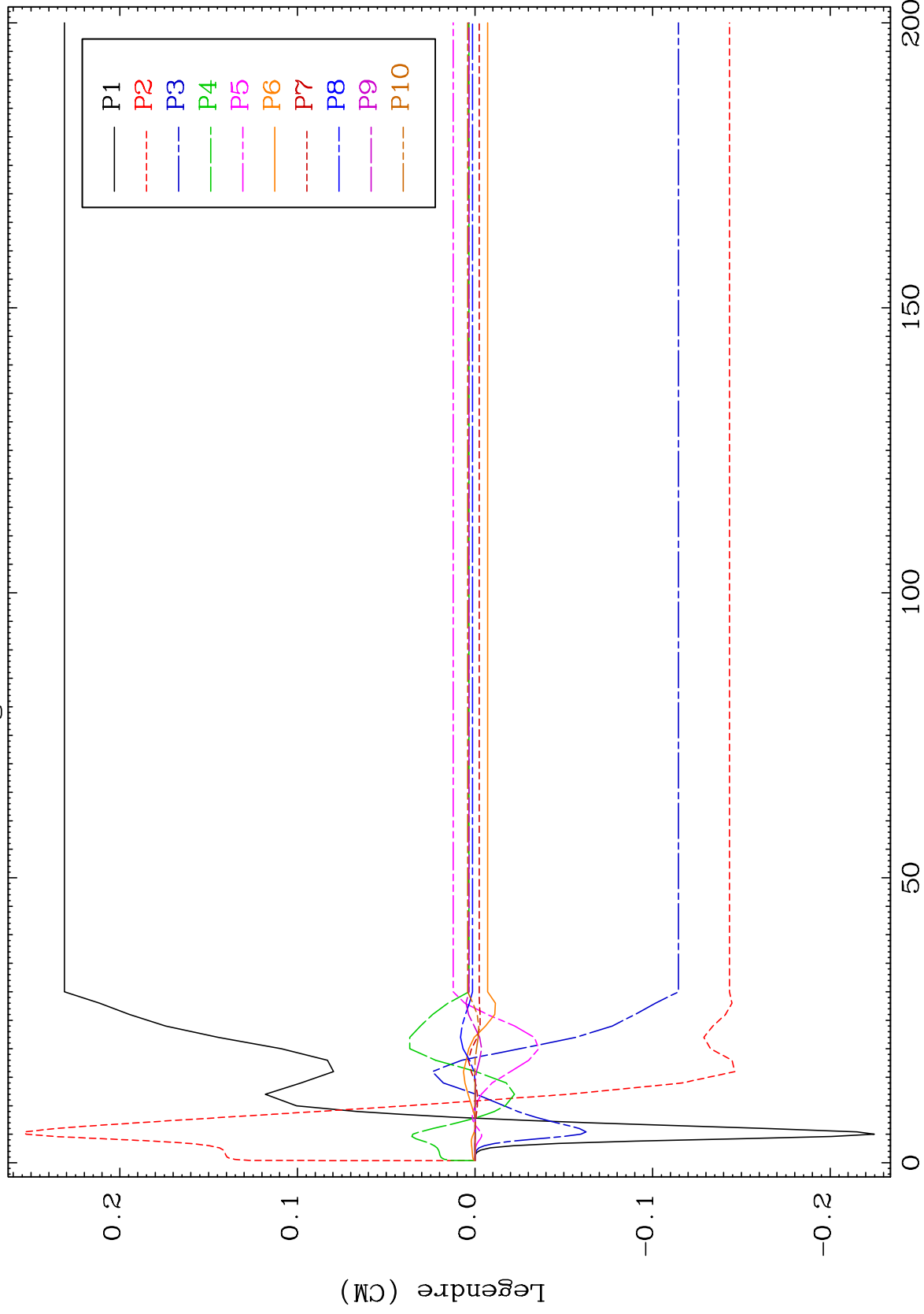
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



36

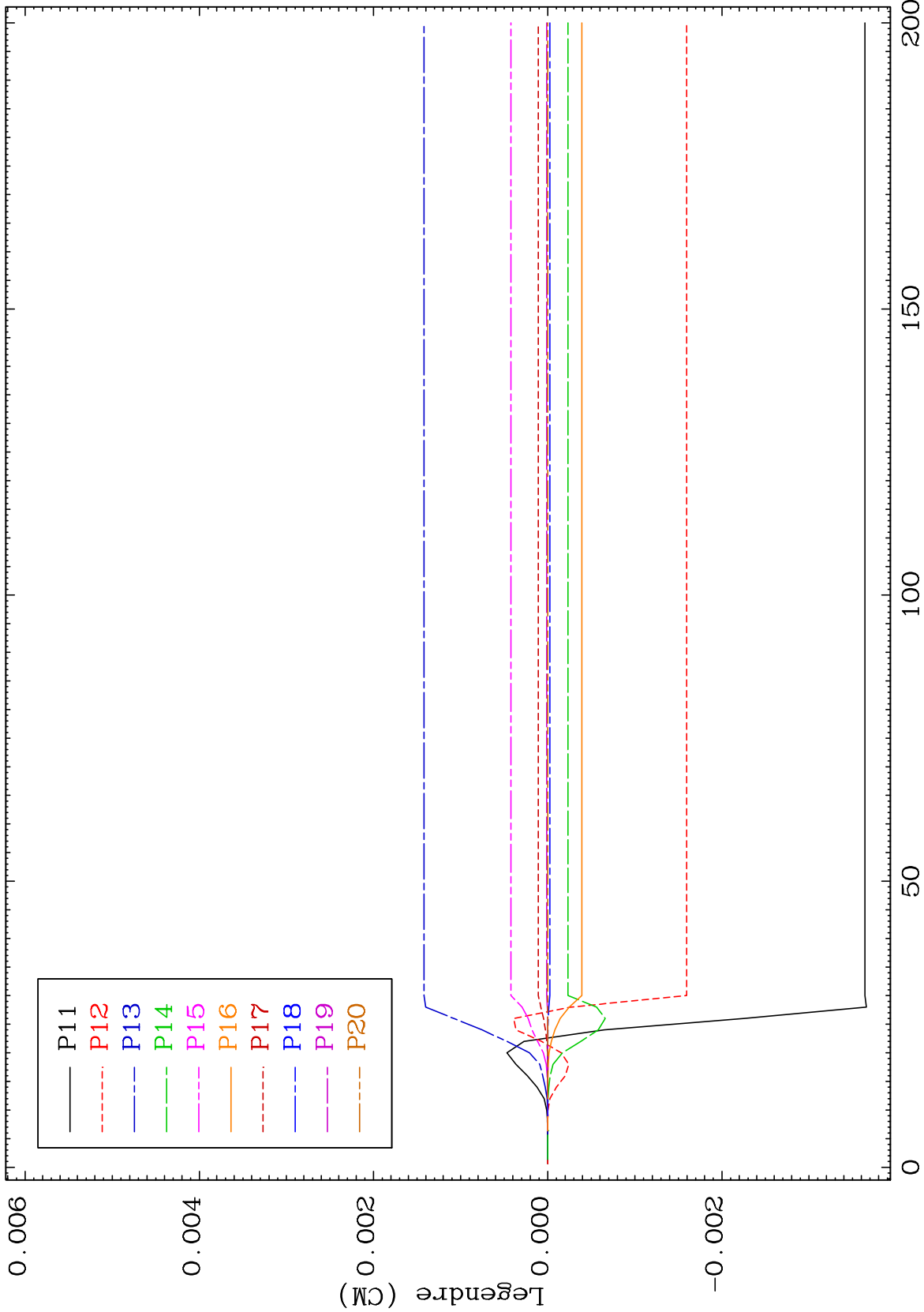
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



37

Incident Energy (MeV)

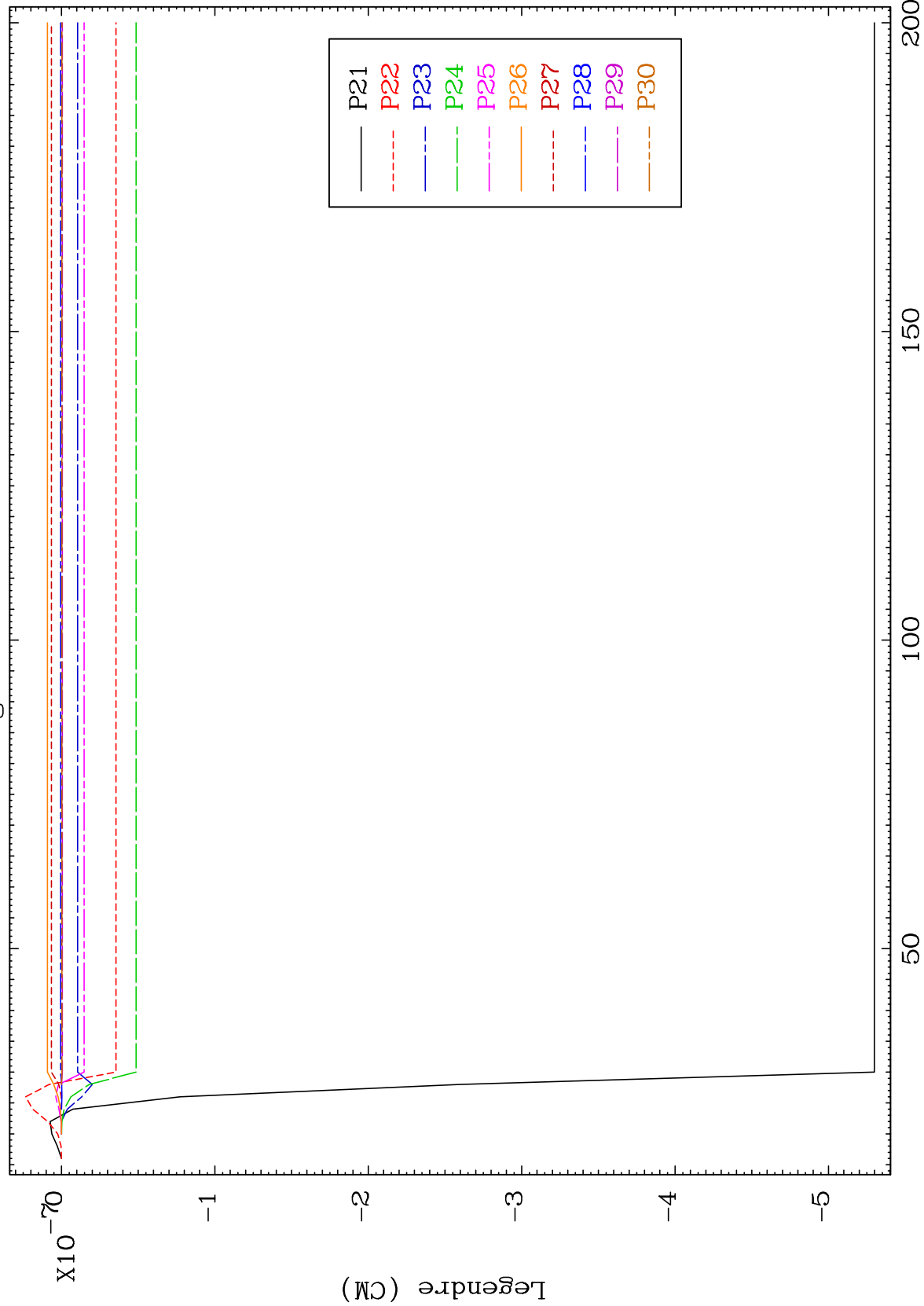
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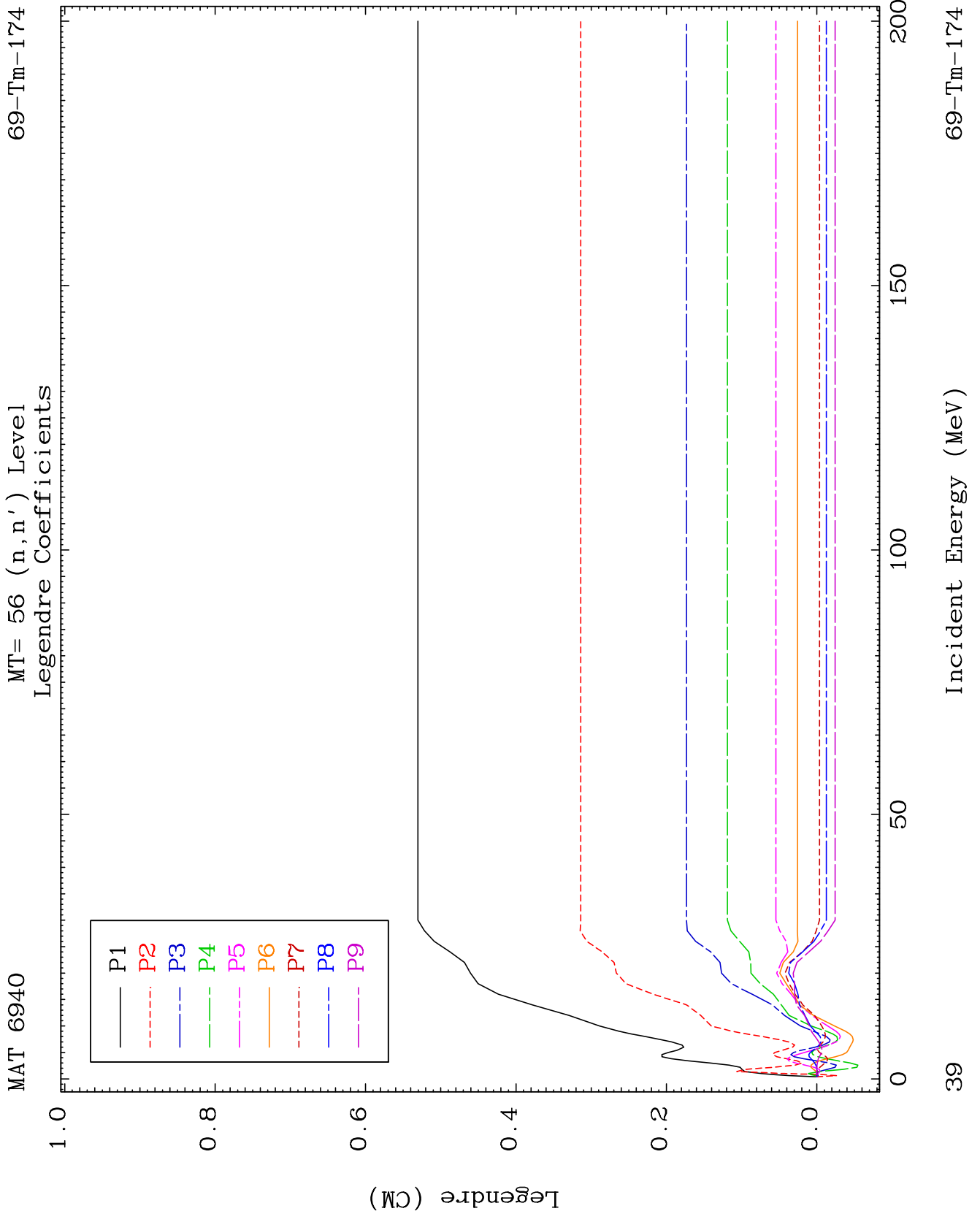
MAT 6940

MT= 55 (n,n') Level

69-Tm-174

Legendre Coefficients

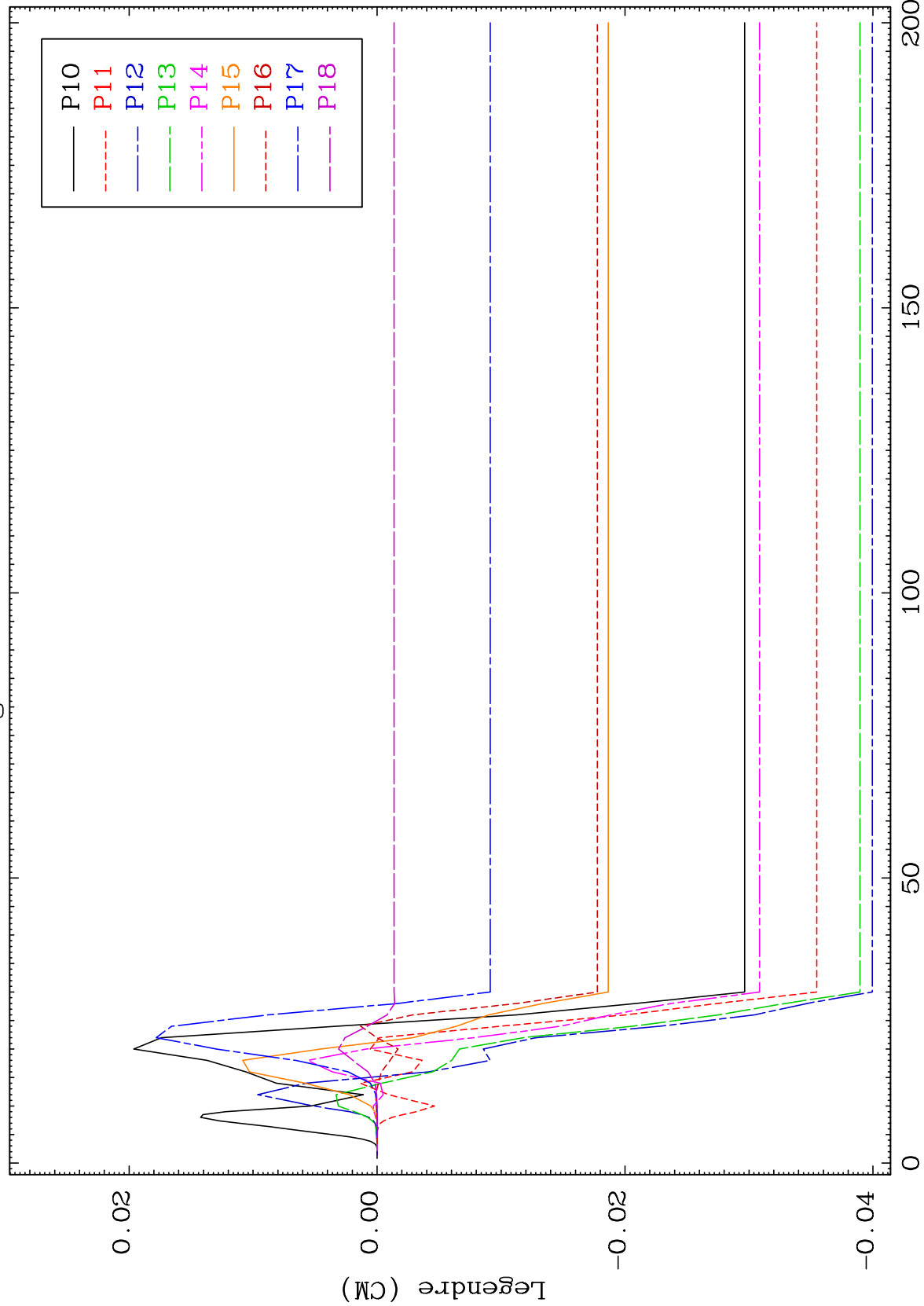




MAT 6940

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

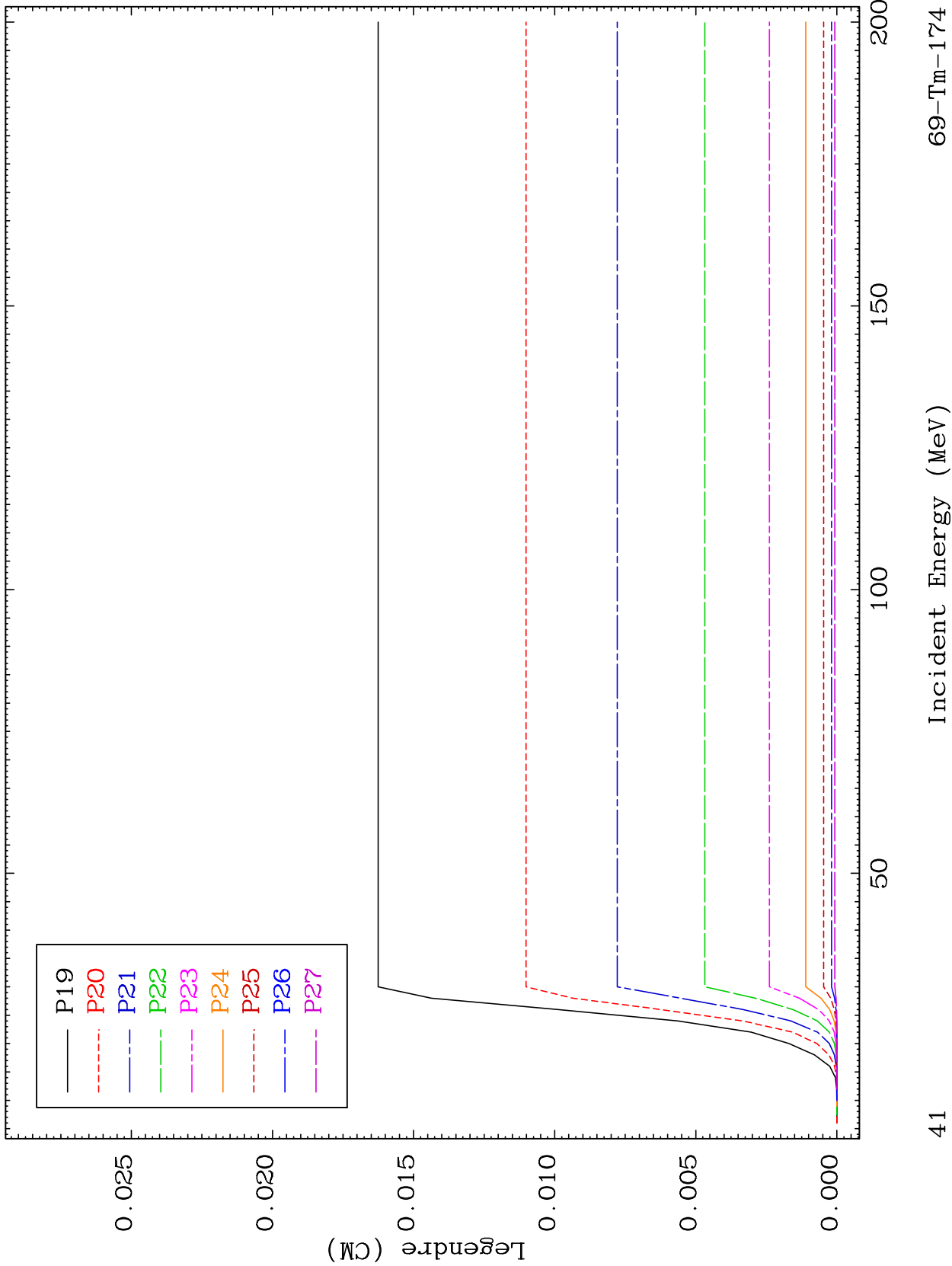
69-Tm-174



69-Tm-174

Incident Energy (MeV)

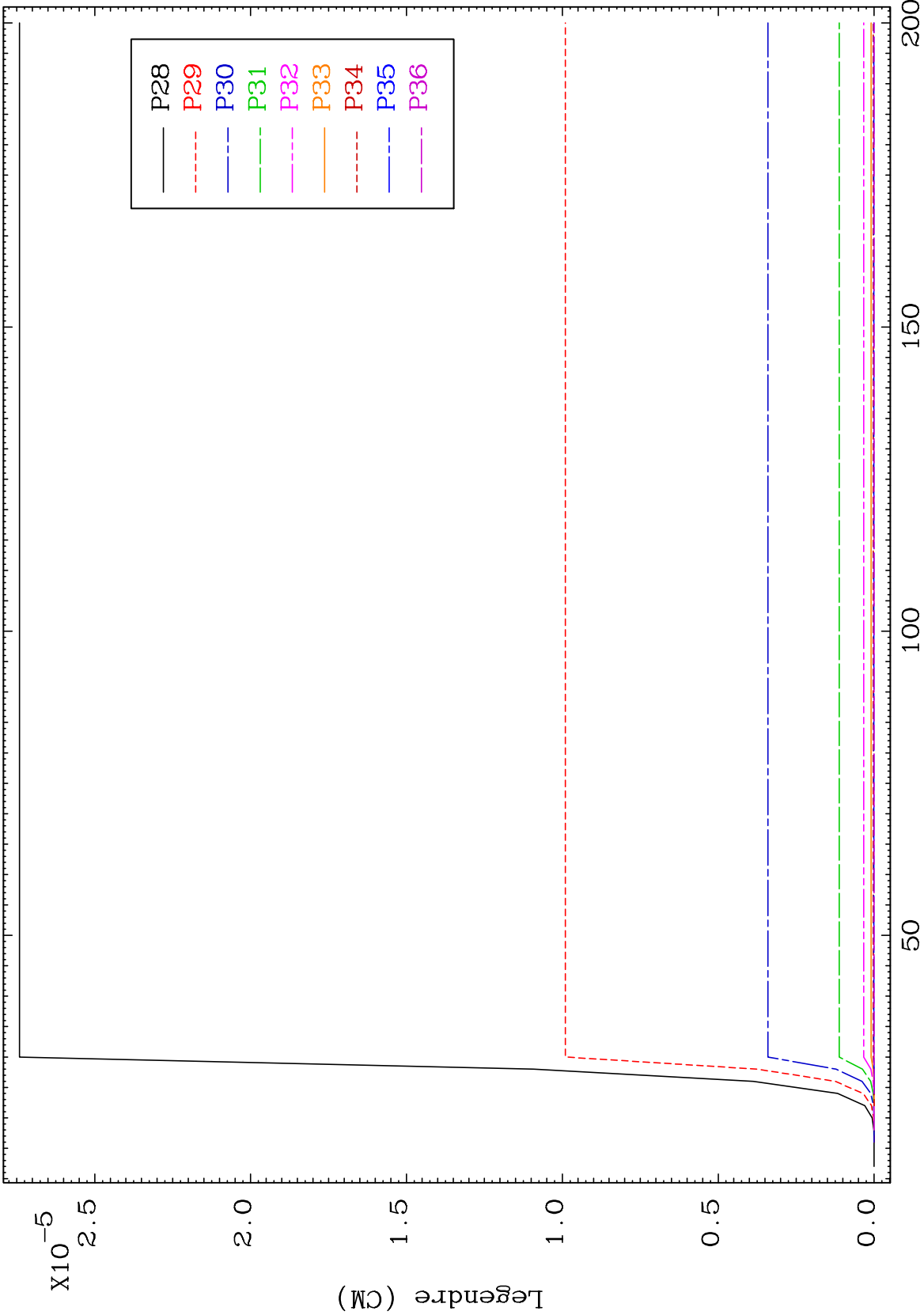
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MAT 6940

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

69-Tm-174



42

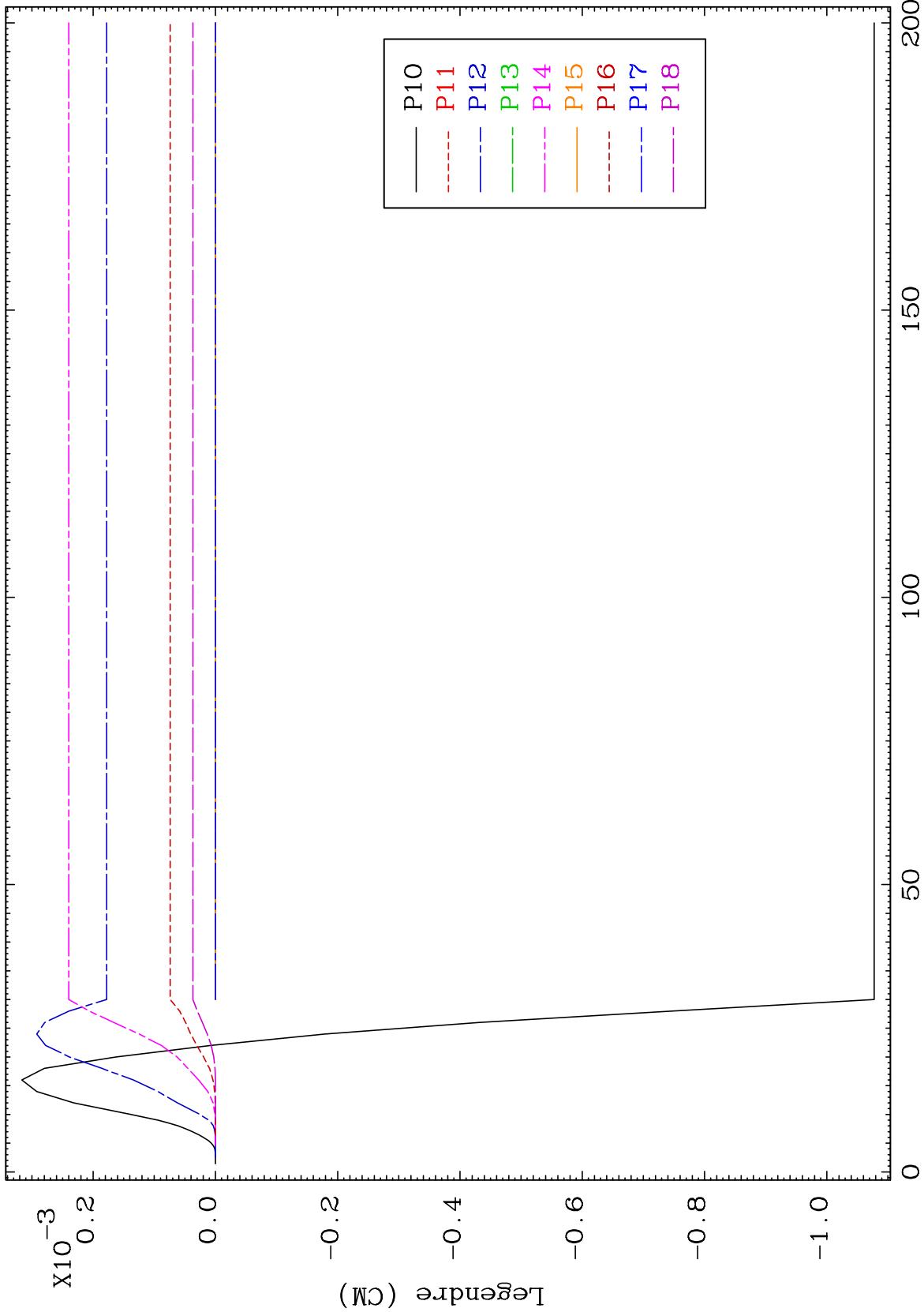
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



44

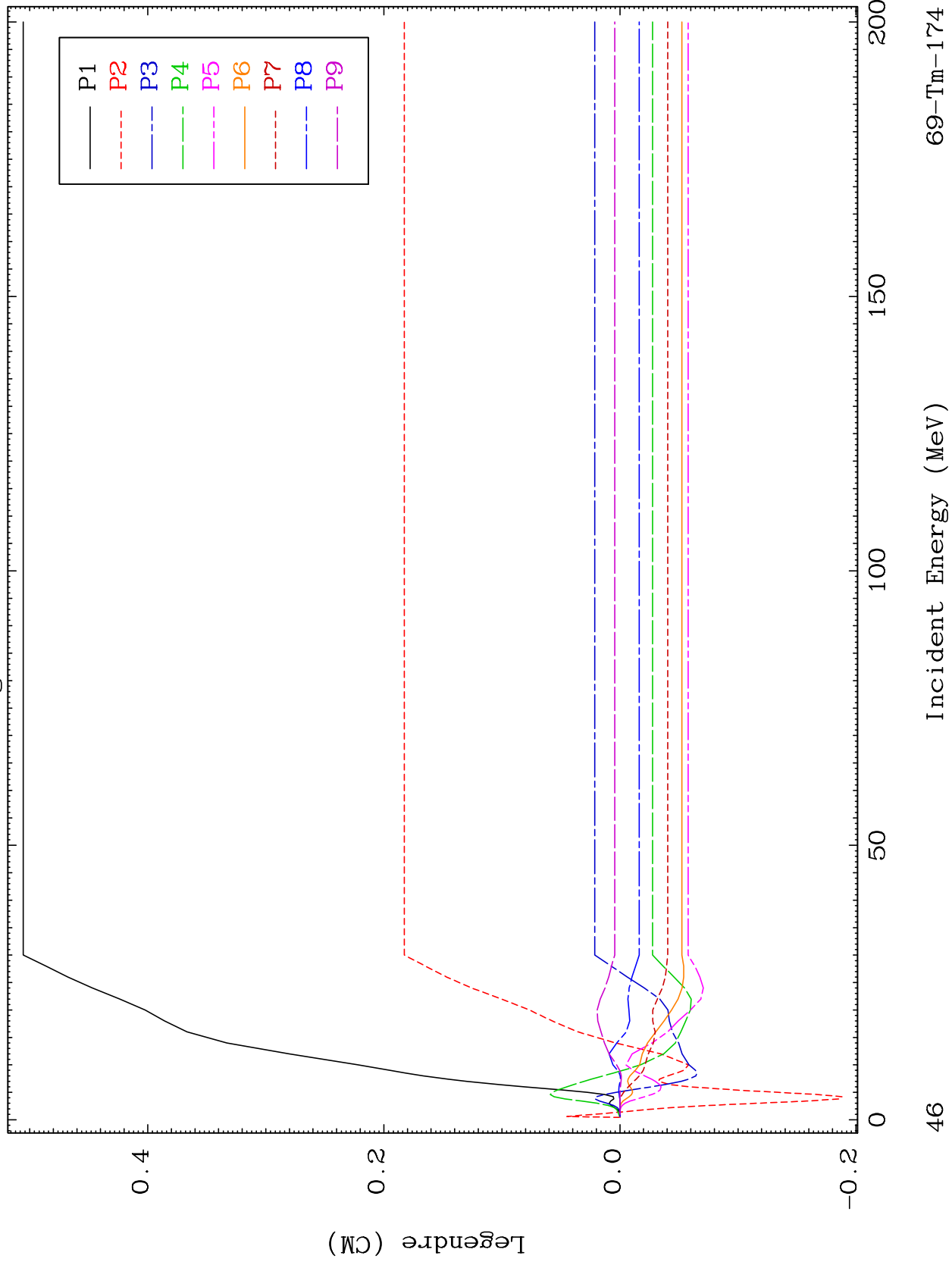
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



69-Tm-174

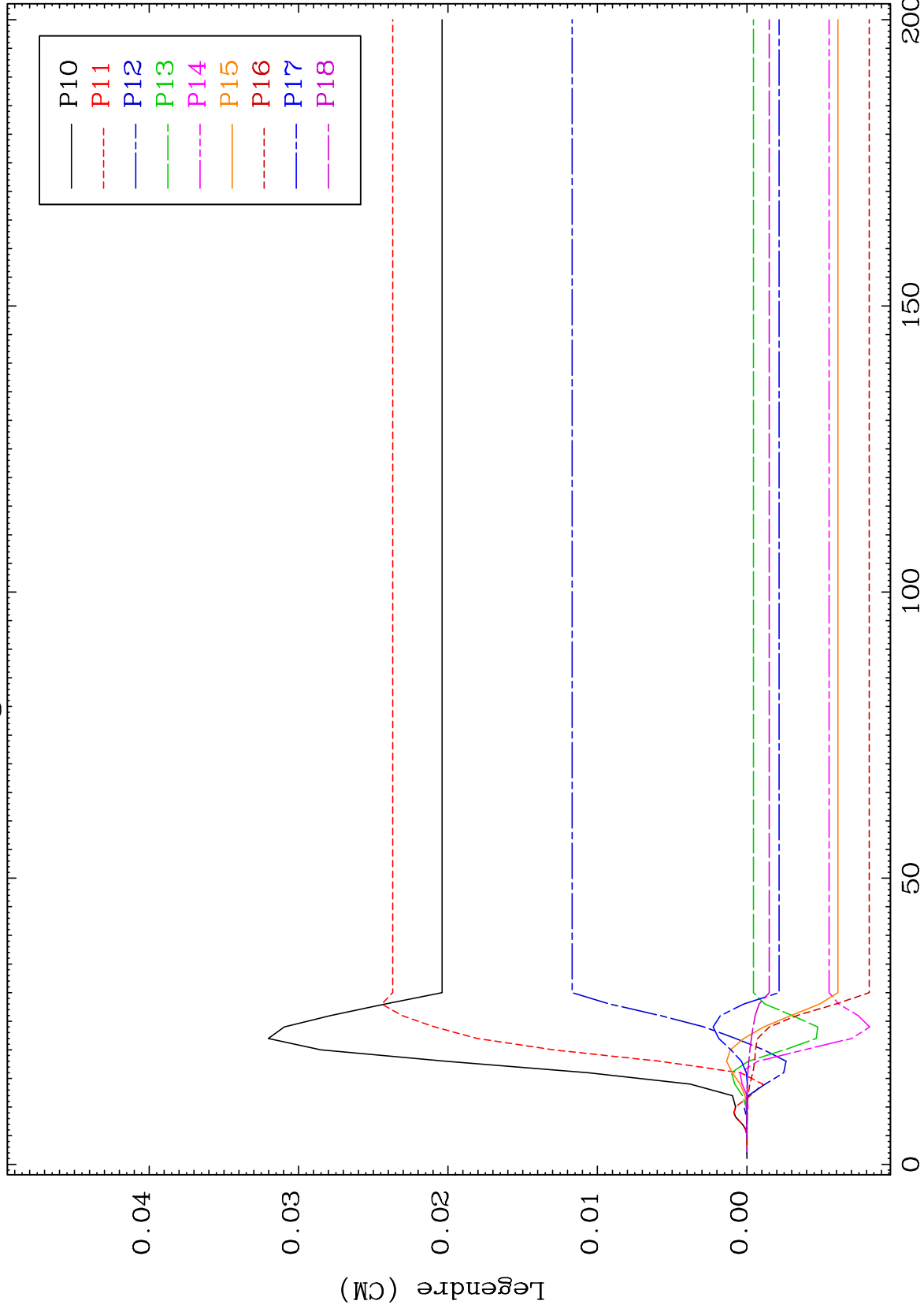
Incident Energy (MeV)

46

MAT 6940

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

69-Tm-174



47

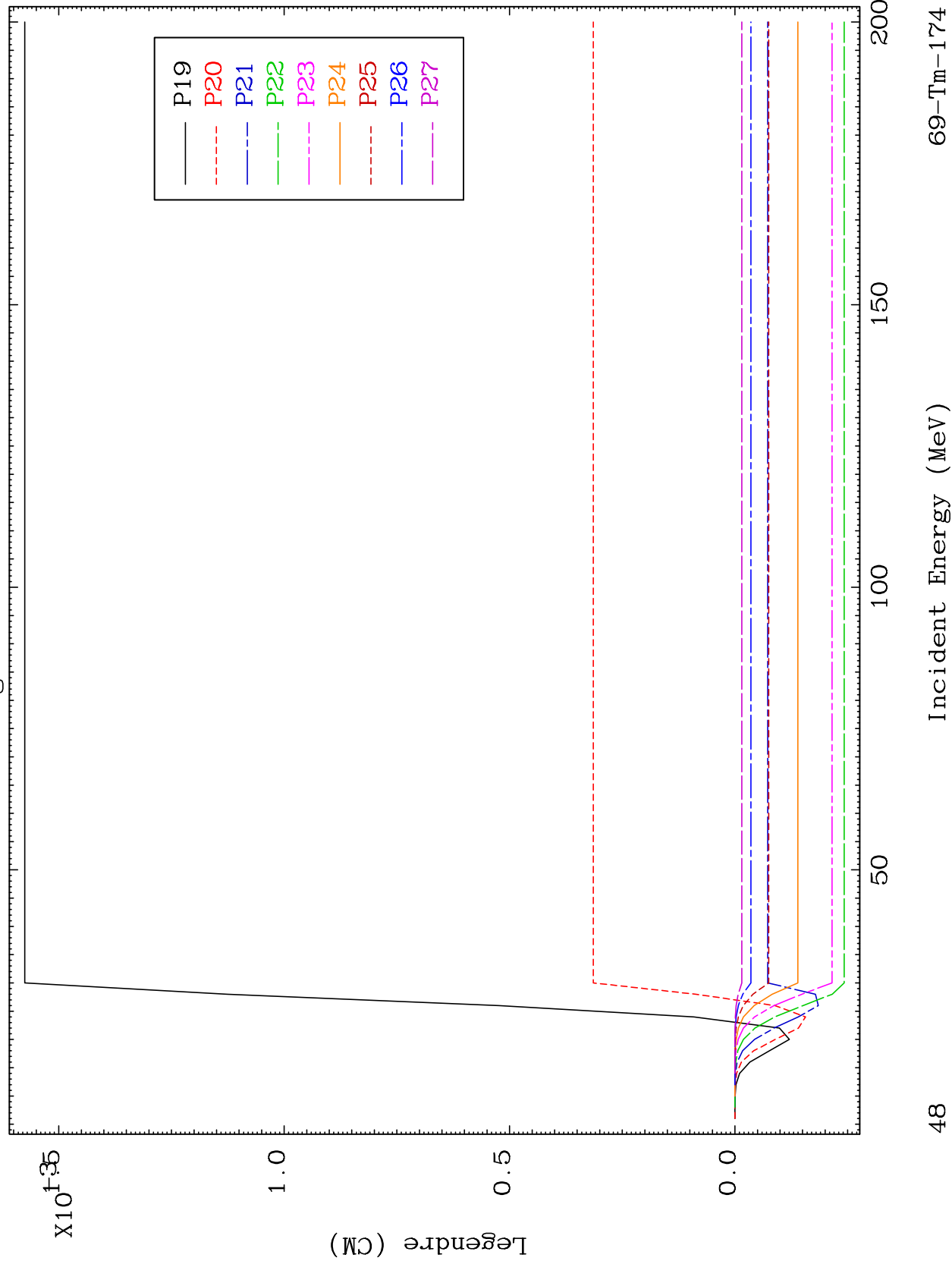
Incident Energy (MeV)

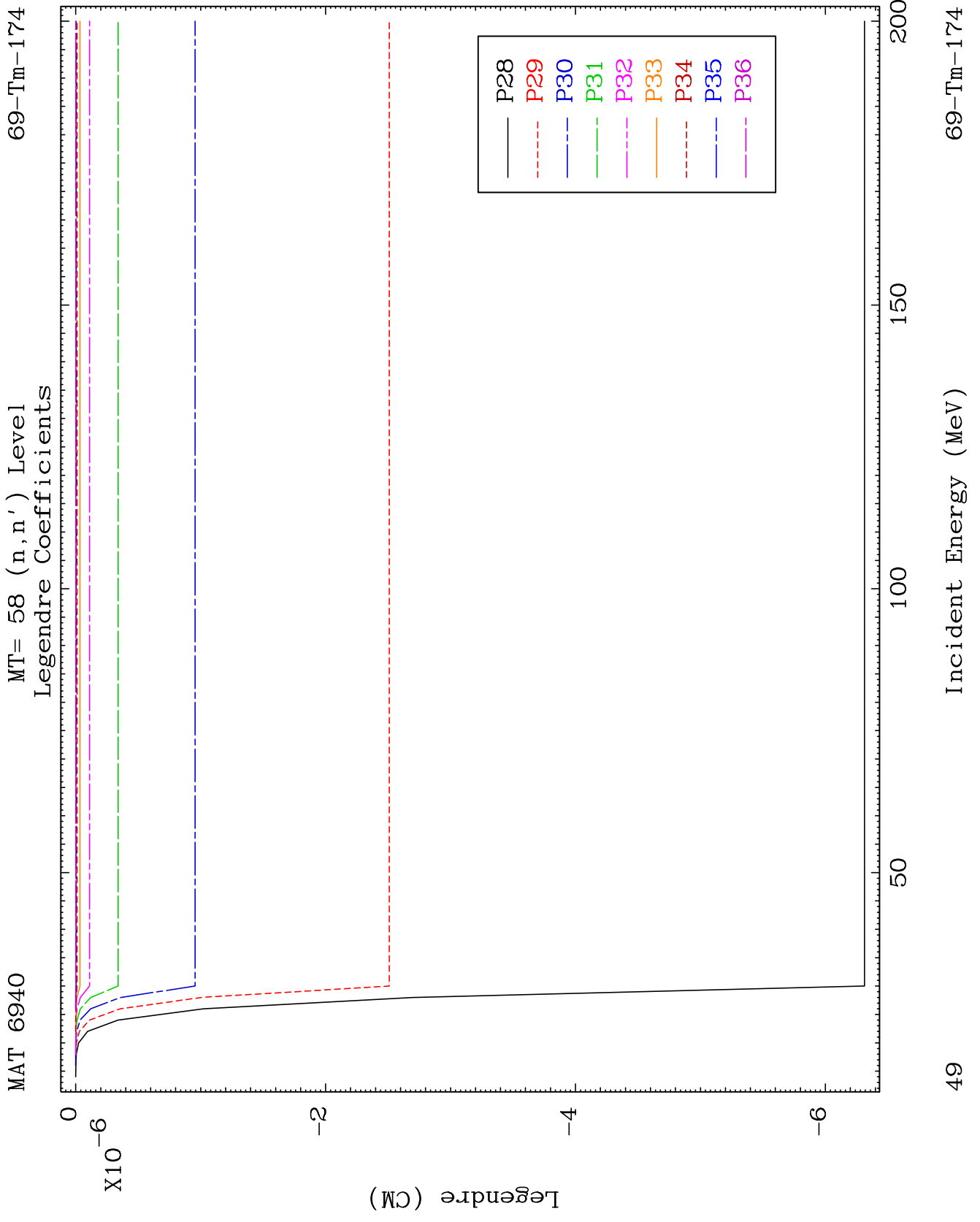
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MAT 6940

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

69-Tm-174

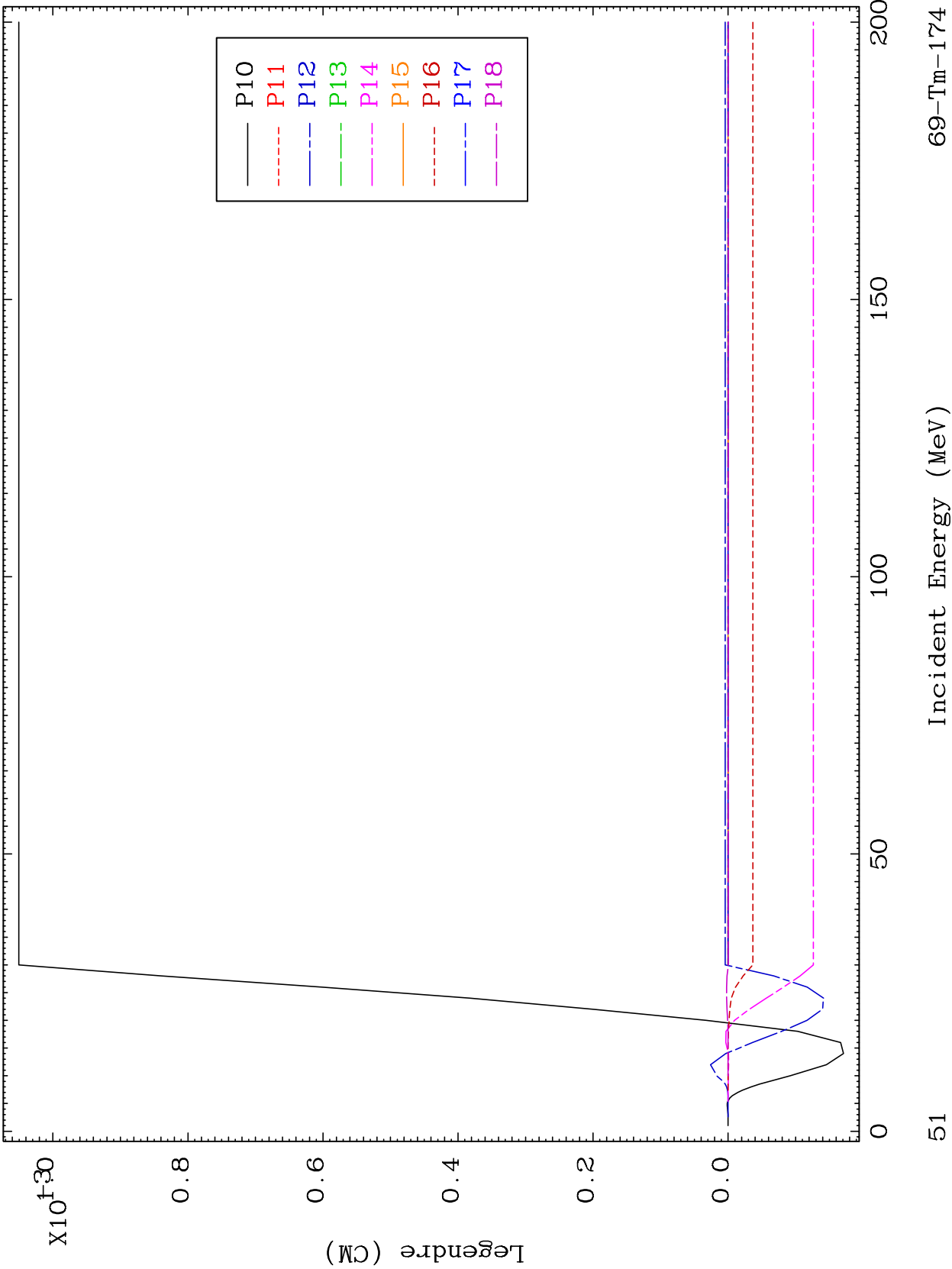




MAT 6940

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

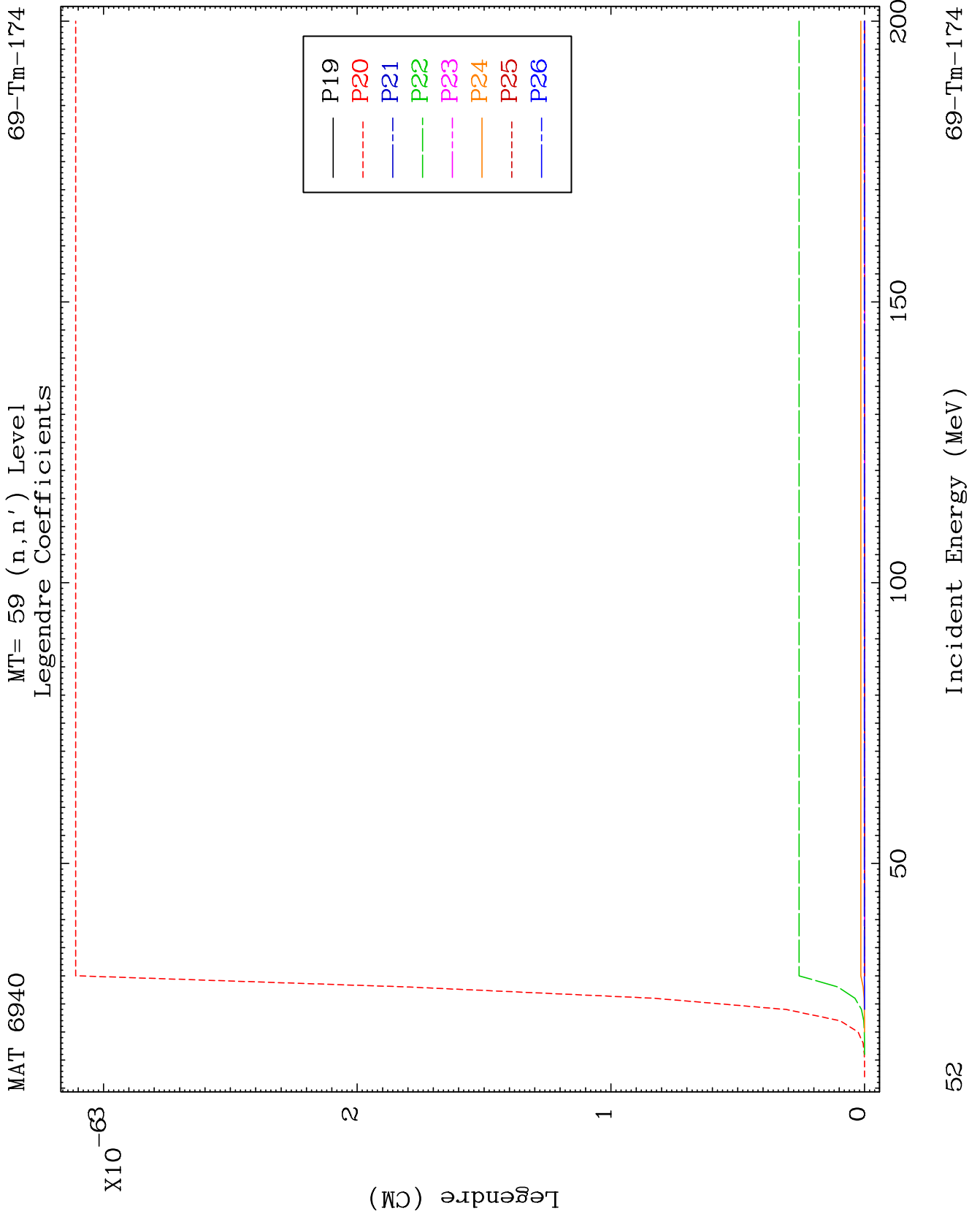
69-Tm-174



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Incident Energy (MeV)

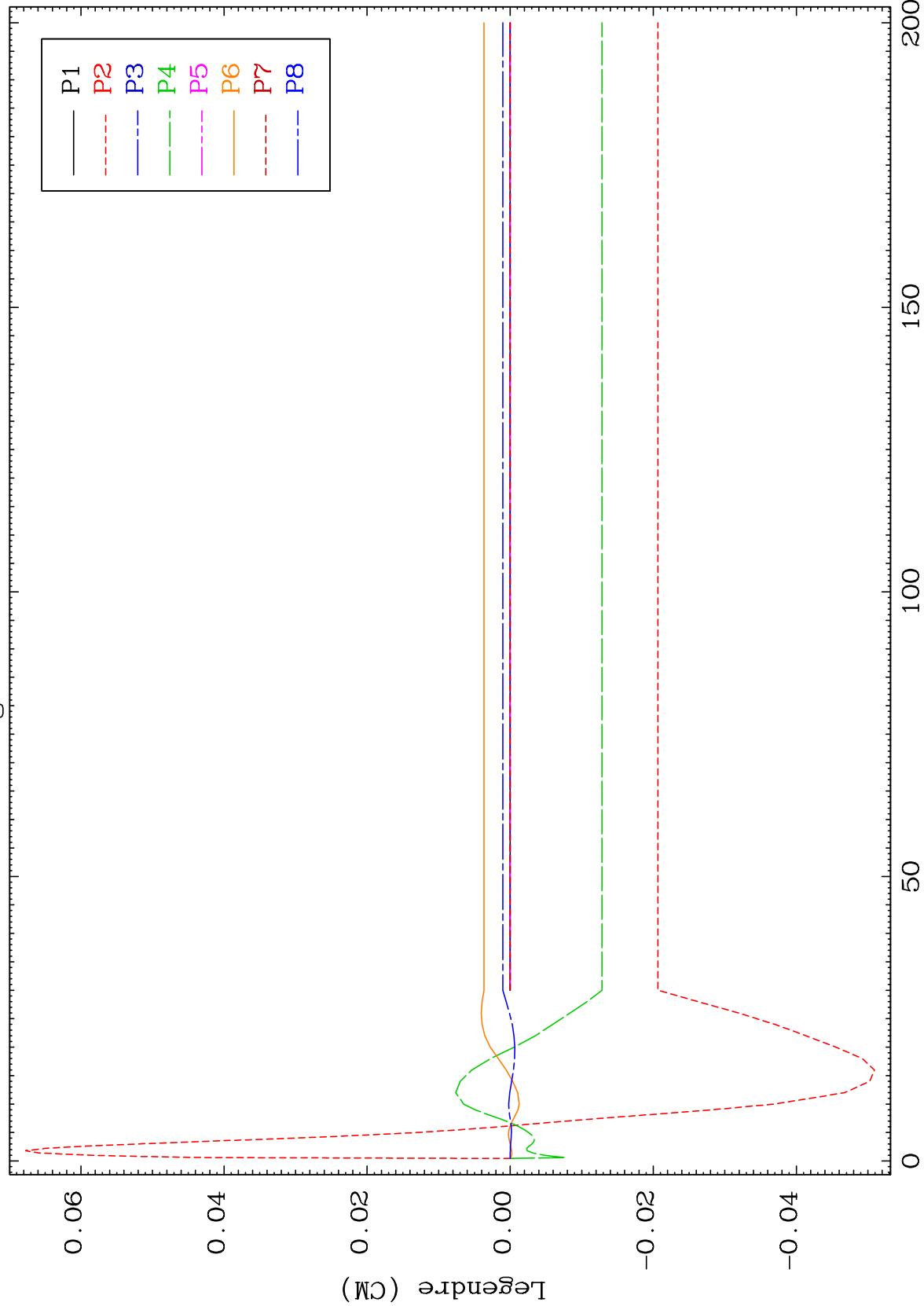
69-Tm-174



MAT 6940

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

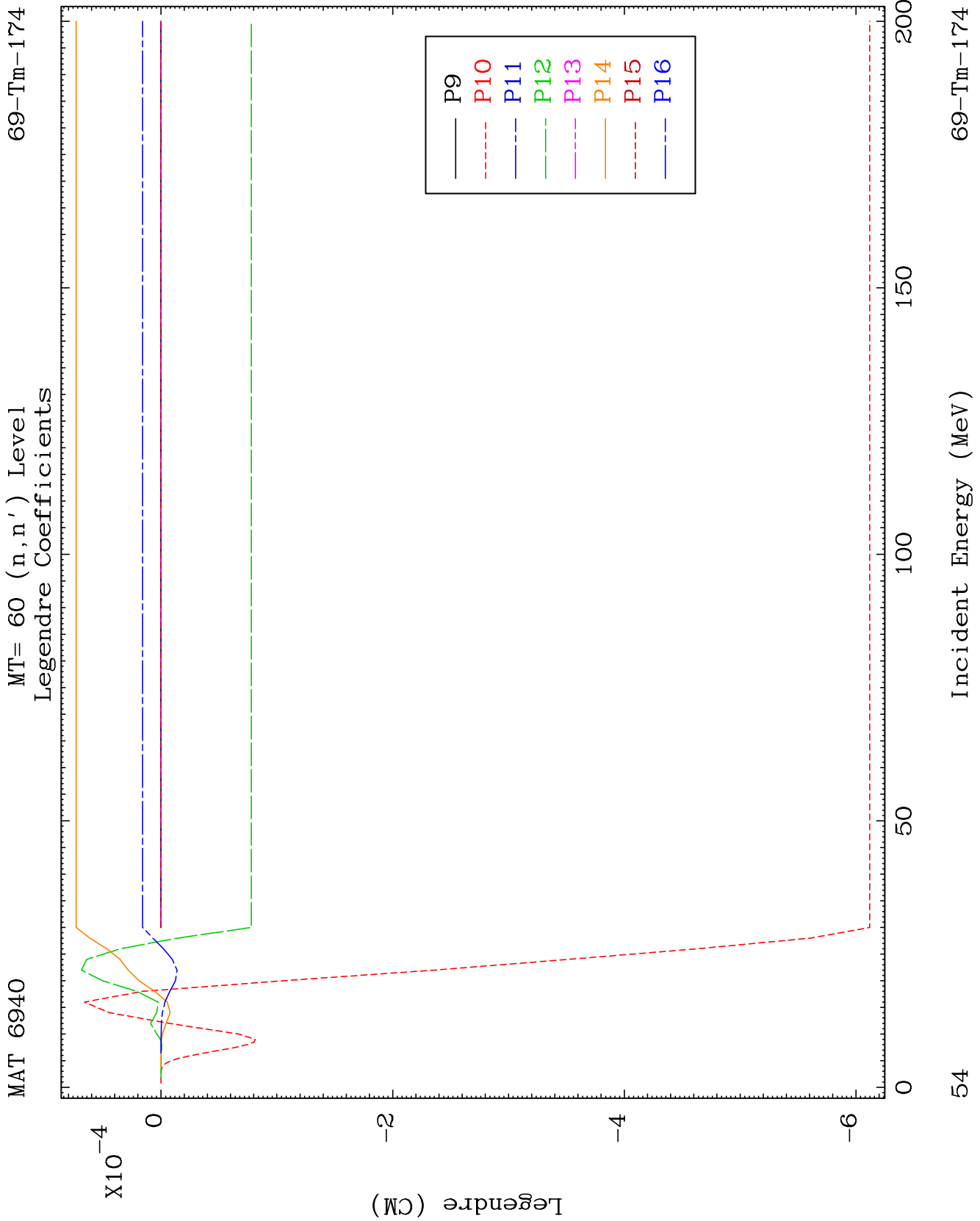
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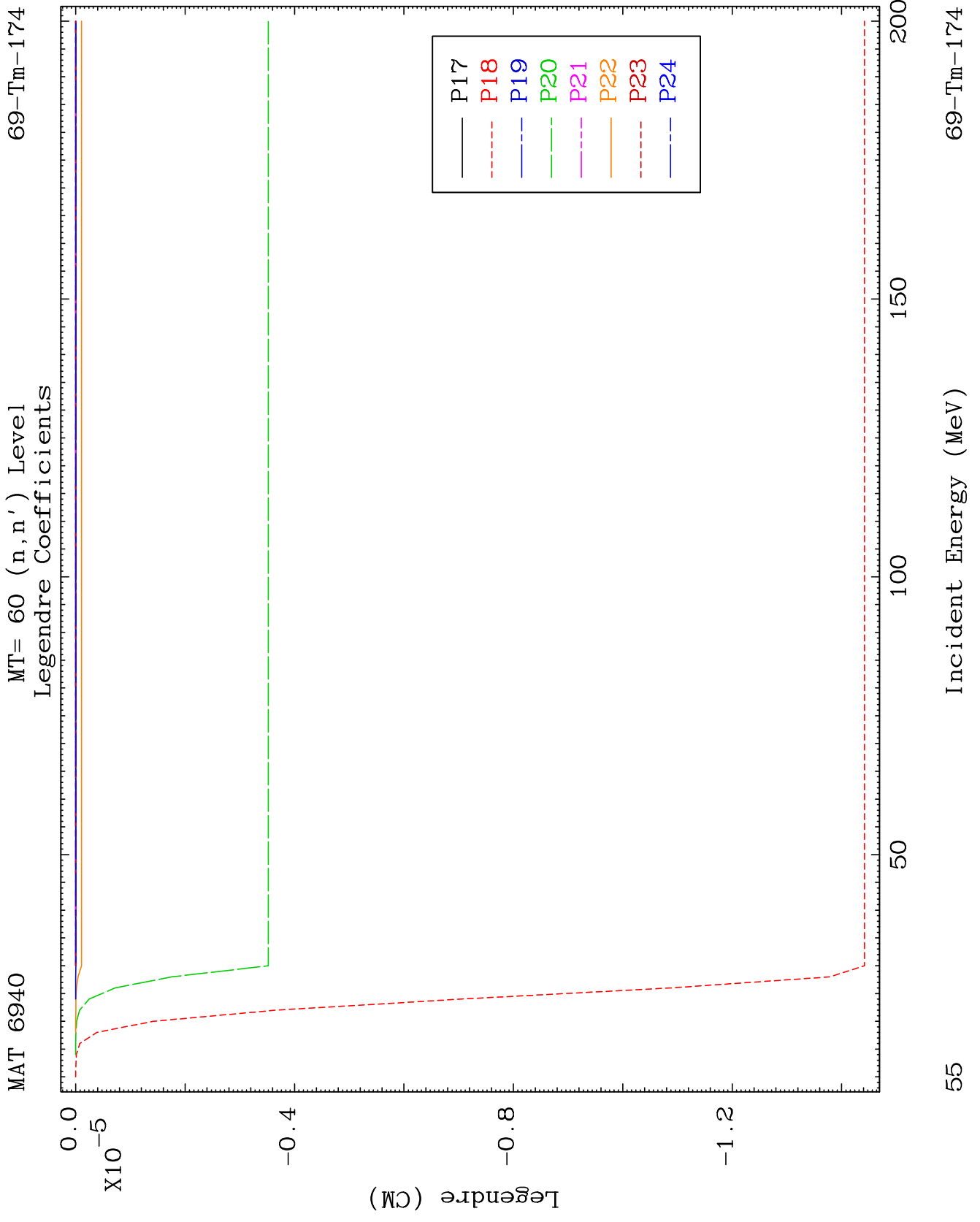


53

Incident Energy (MeV)

69-Tm-174

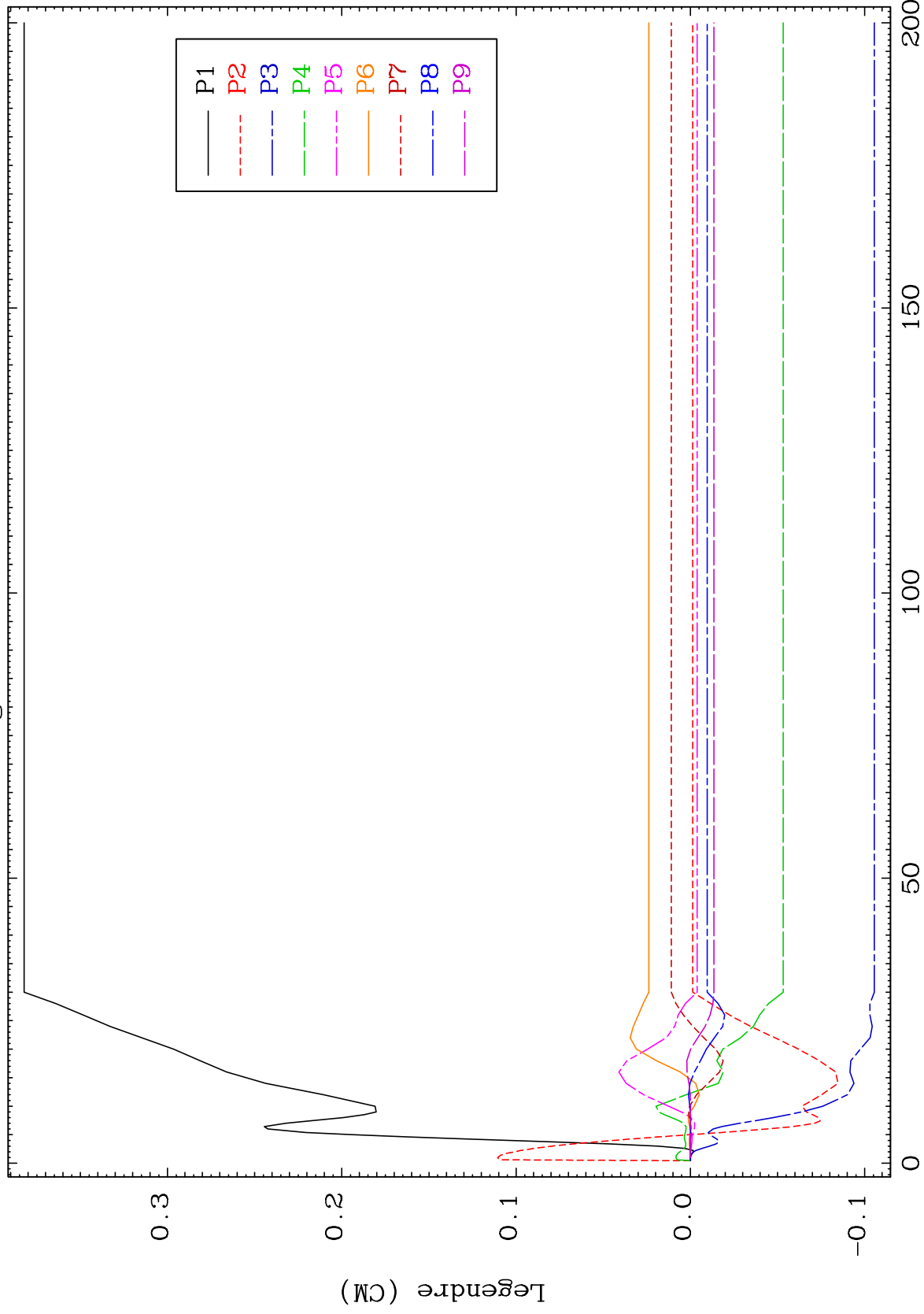




MAT 6940

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

69-Tm-174



56

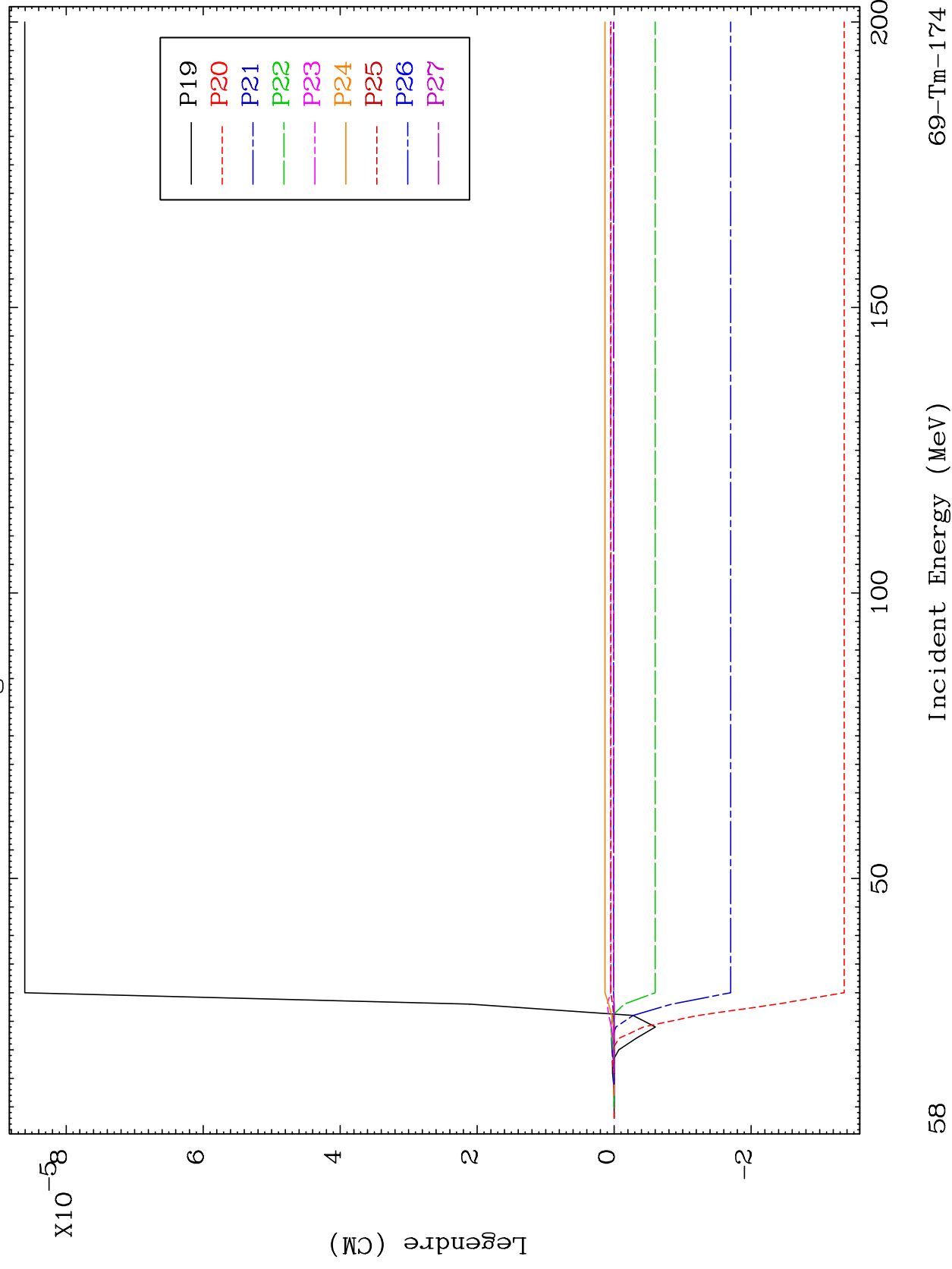
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



58

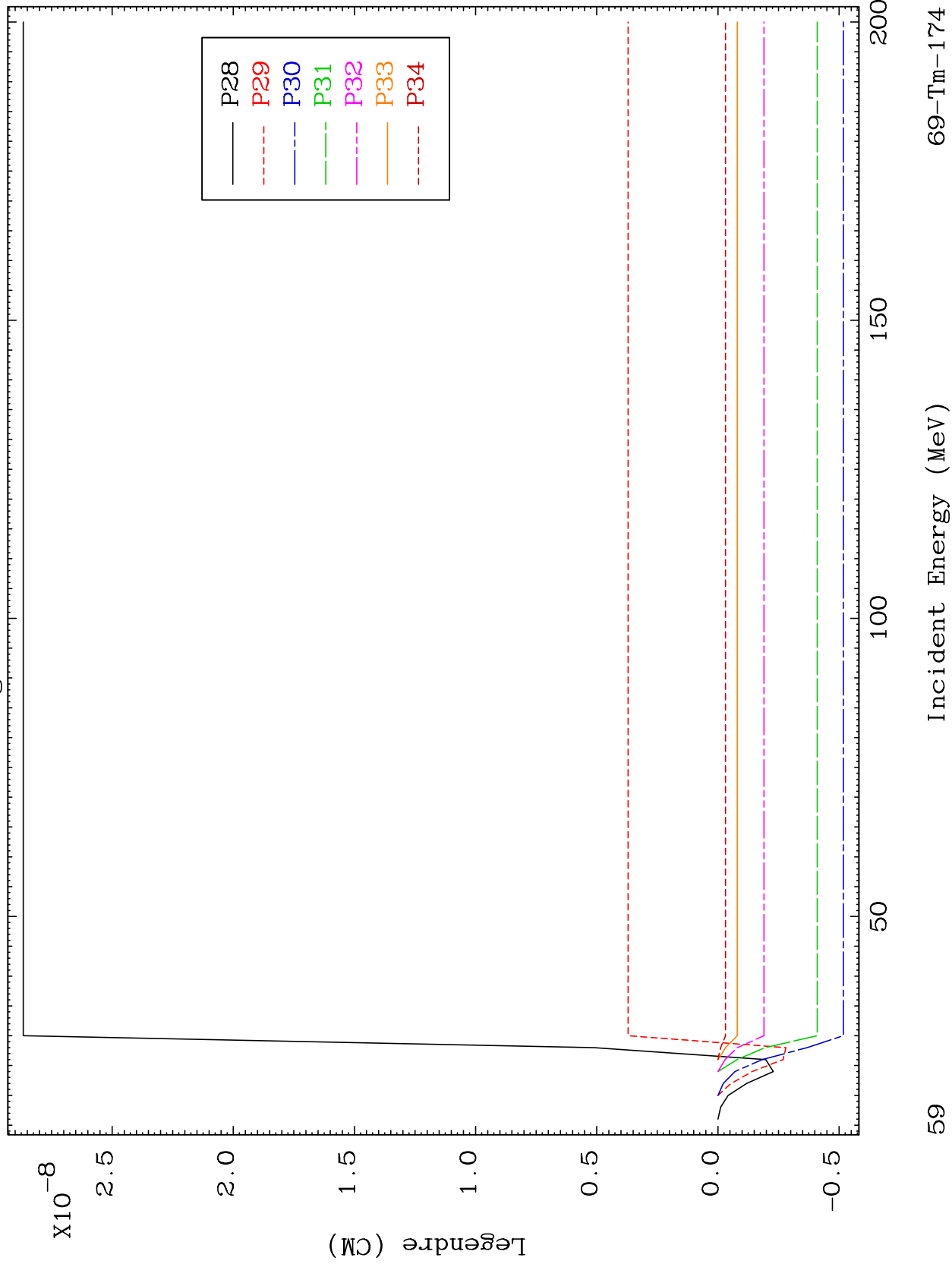
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



59

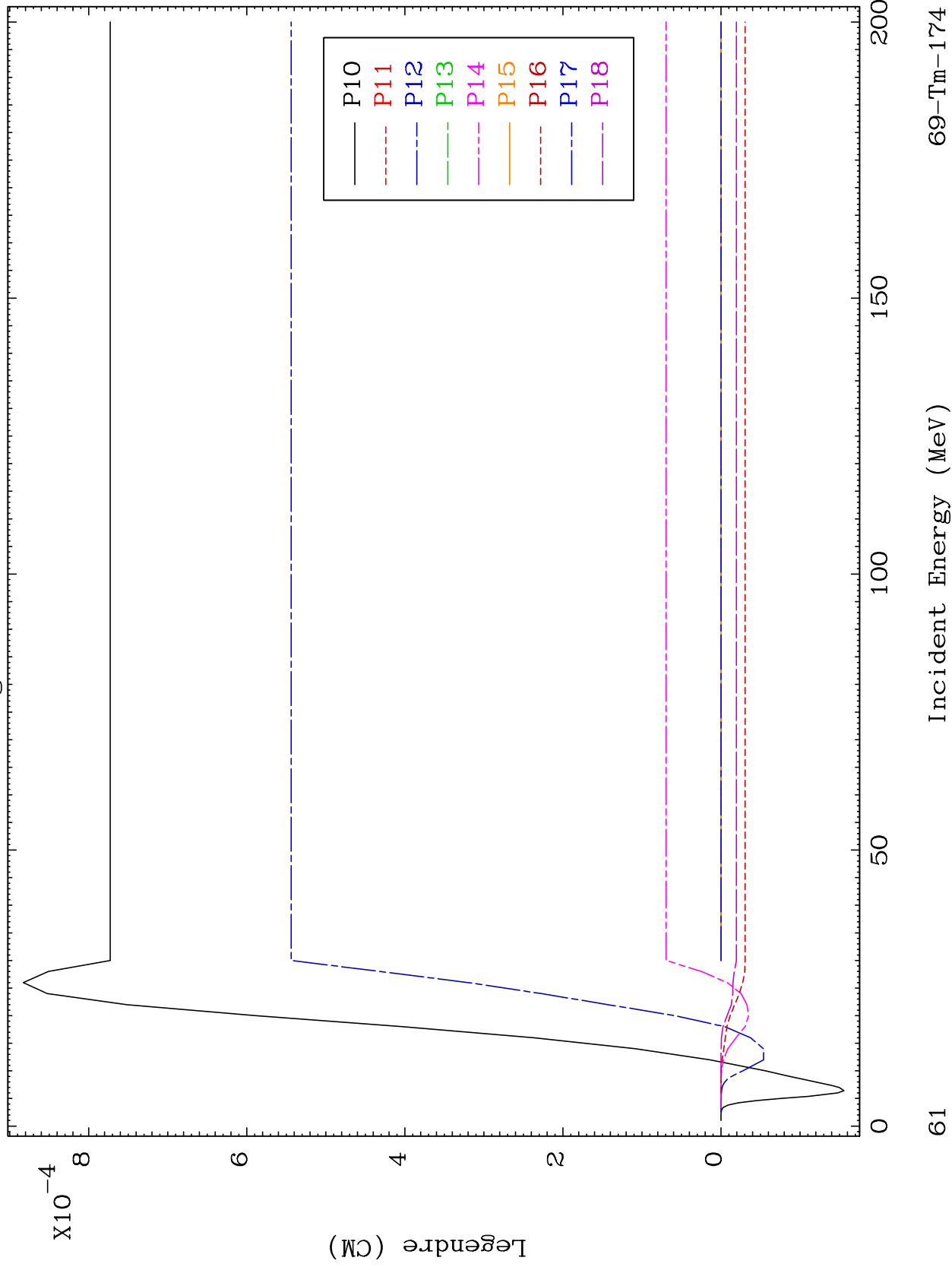
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

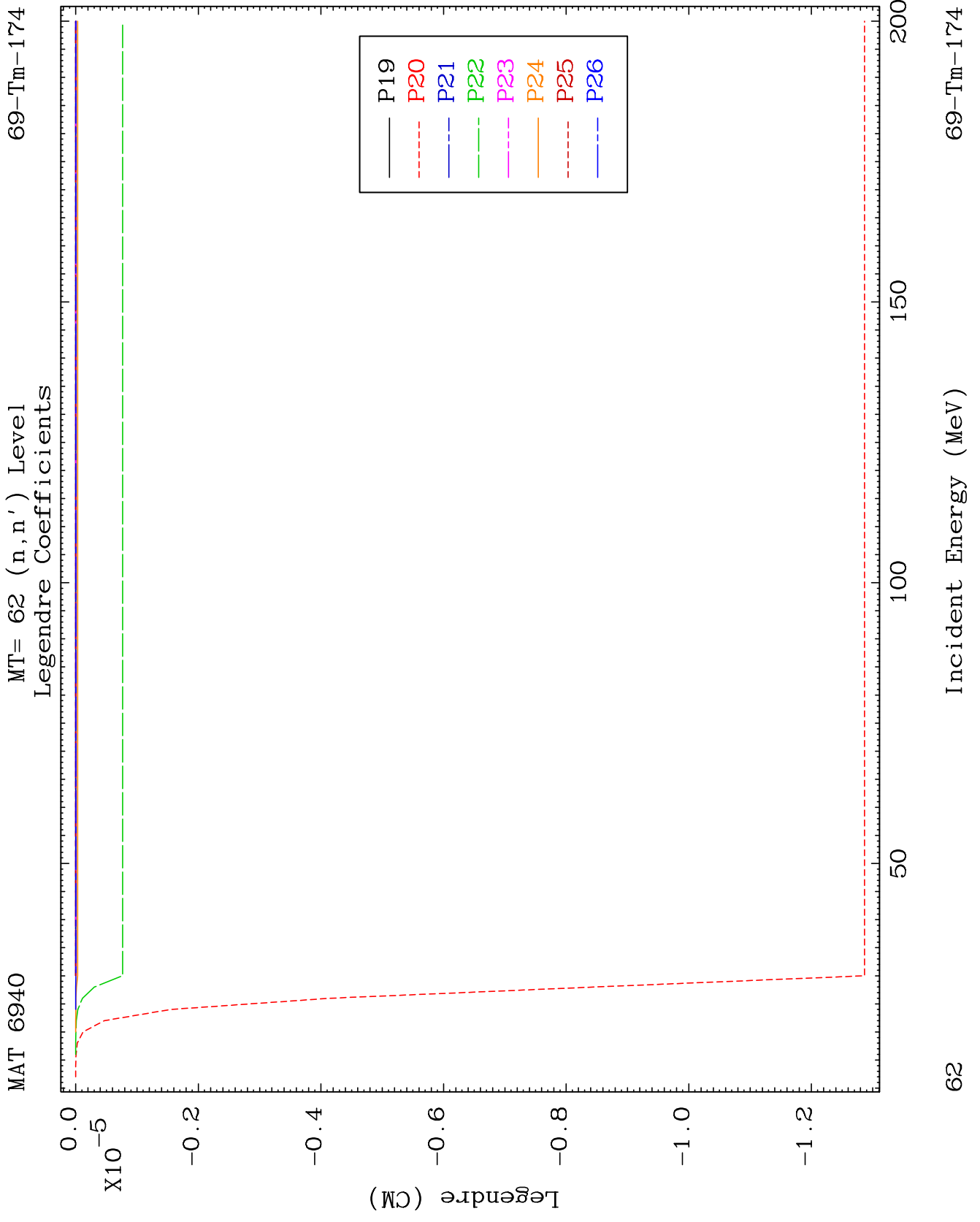
69-Tm-174



69-Tm-174

Incident Energy (MeV)

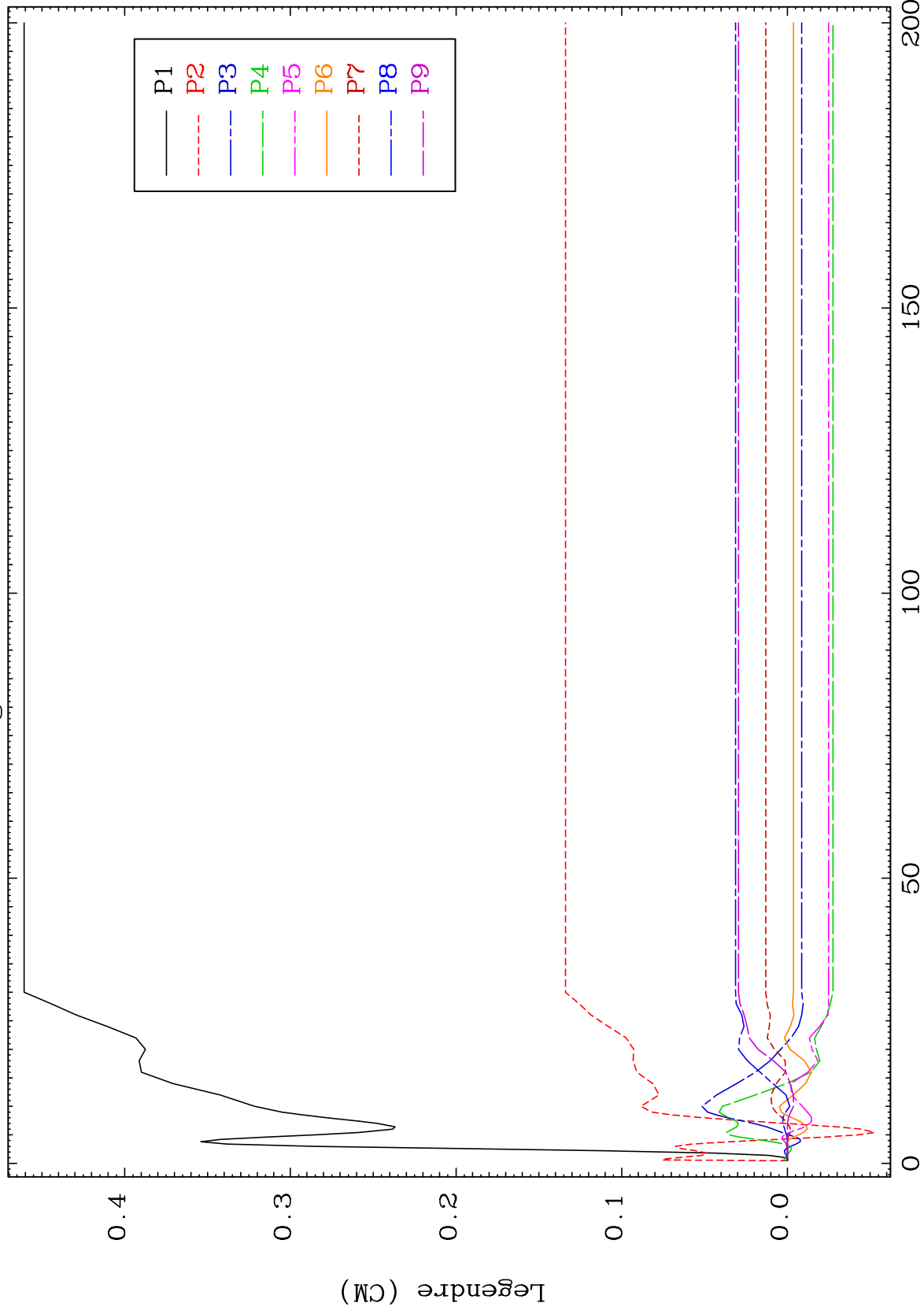
61



MAT 6940

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

69-Tm-174



63

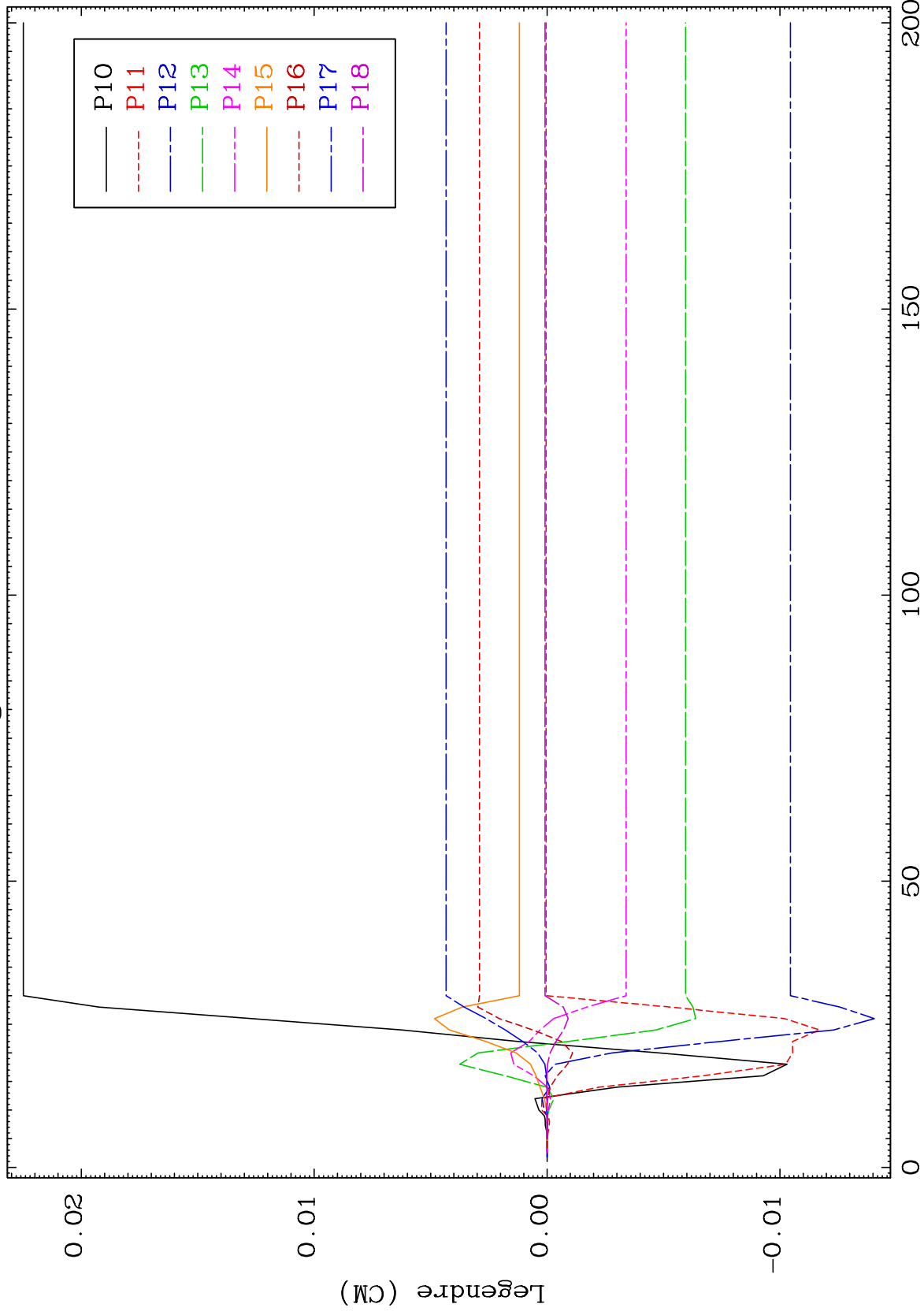
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



64

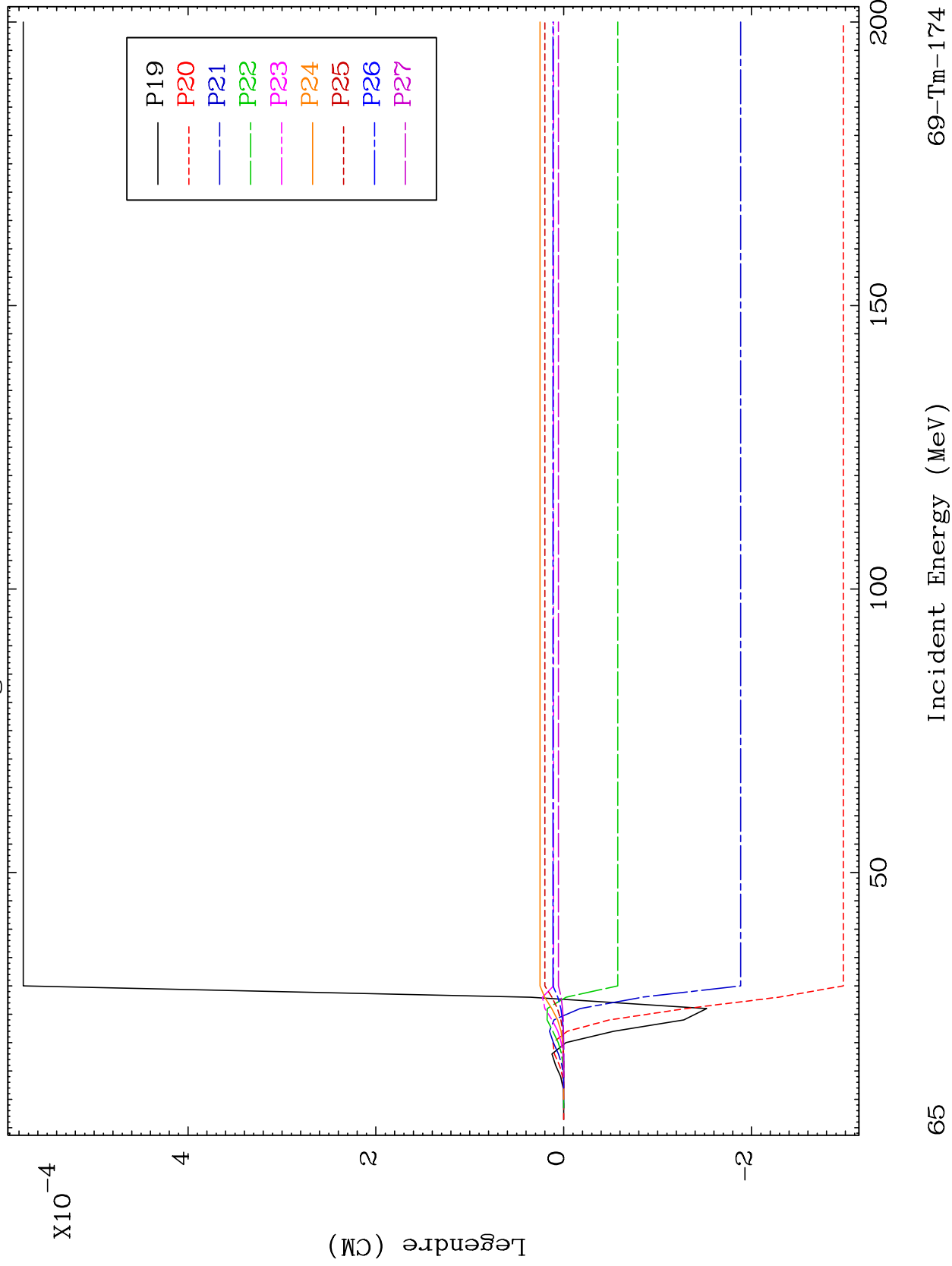
Incident Energy (MeV)

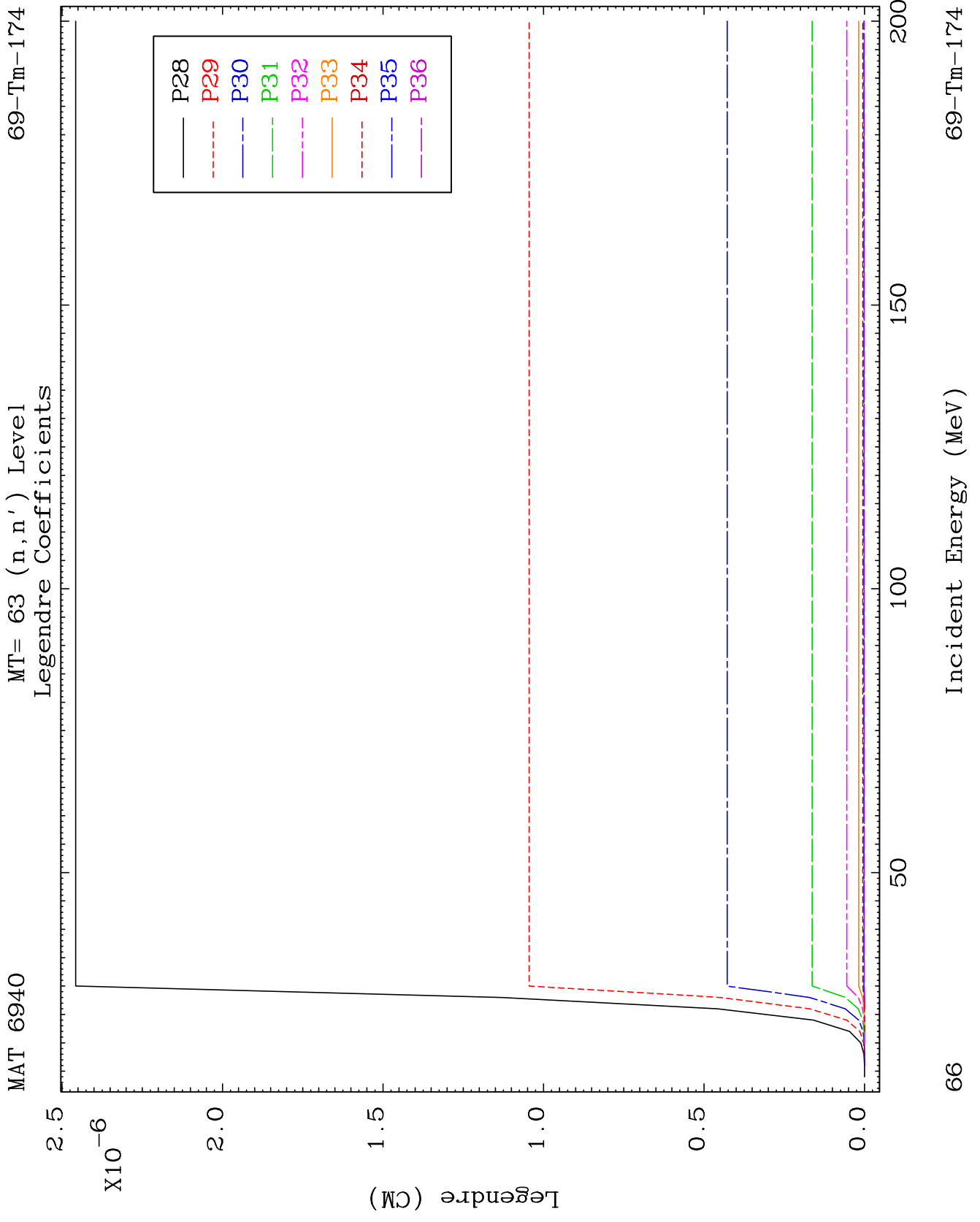
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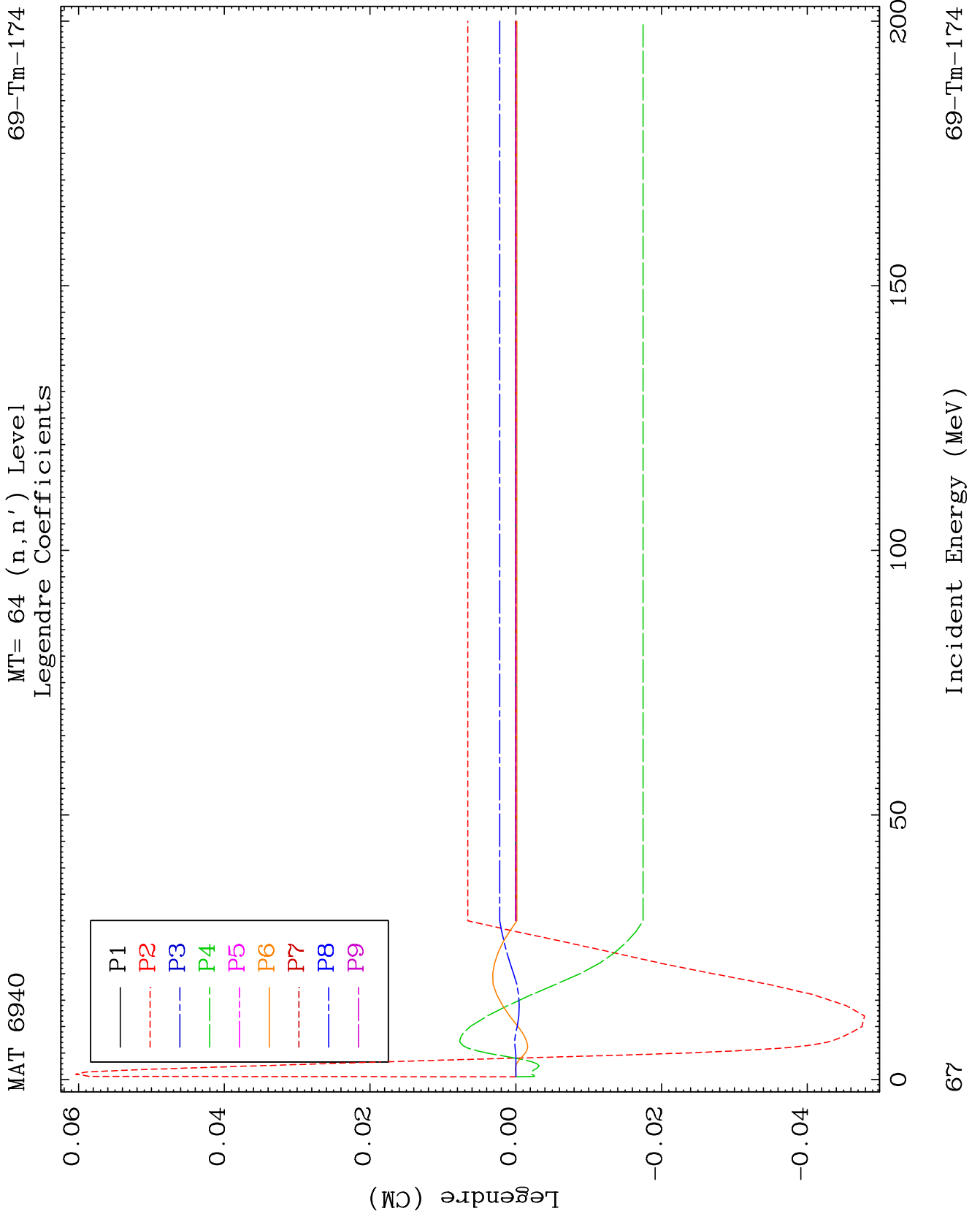
MAT 6940

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

69-Tm-174



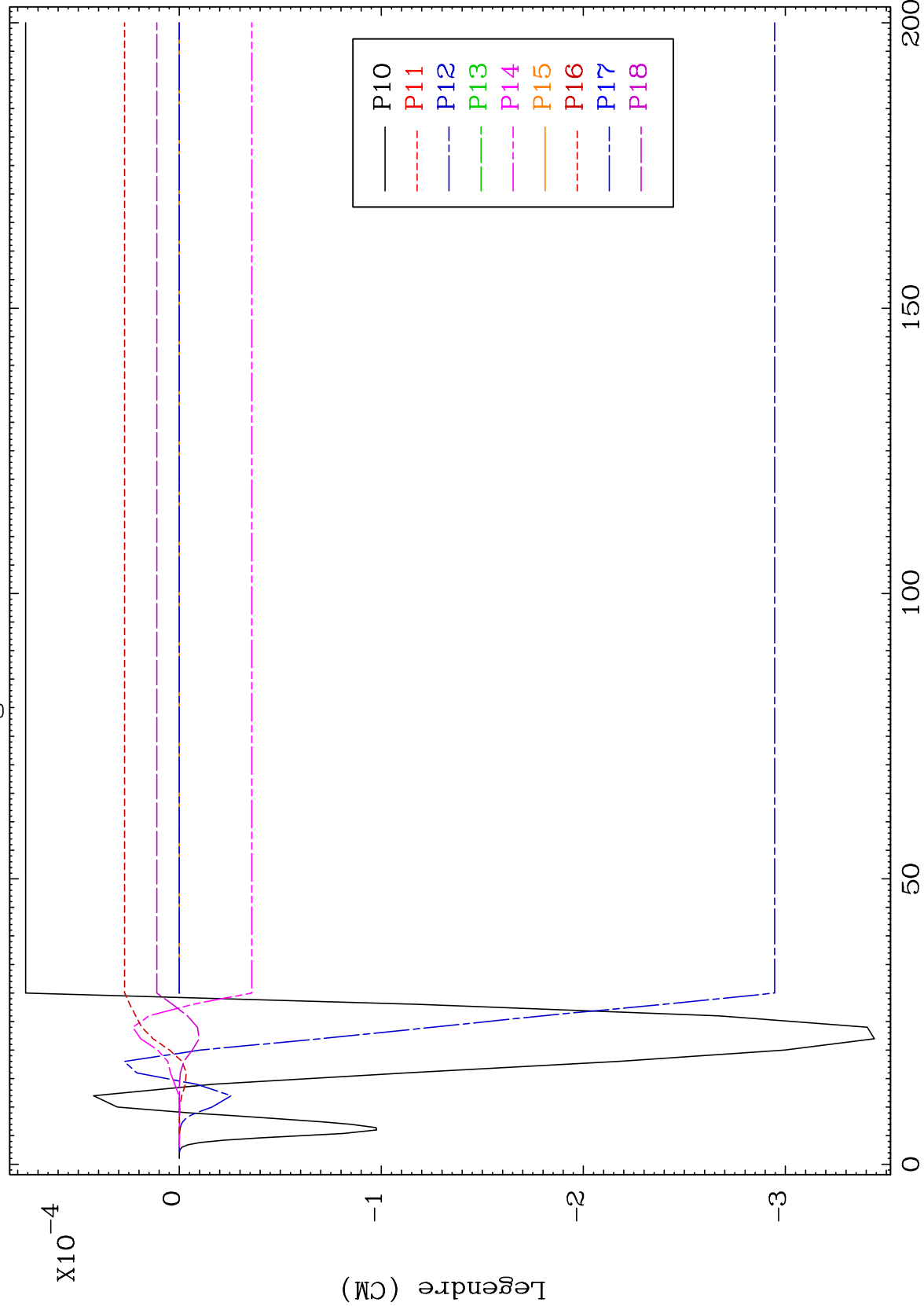




MAT 6940

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

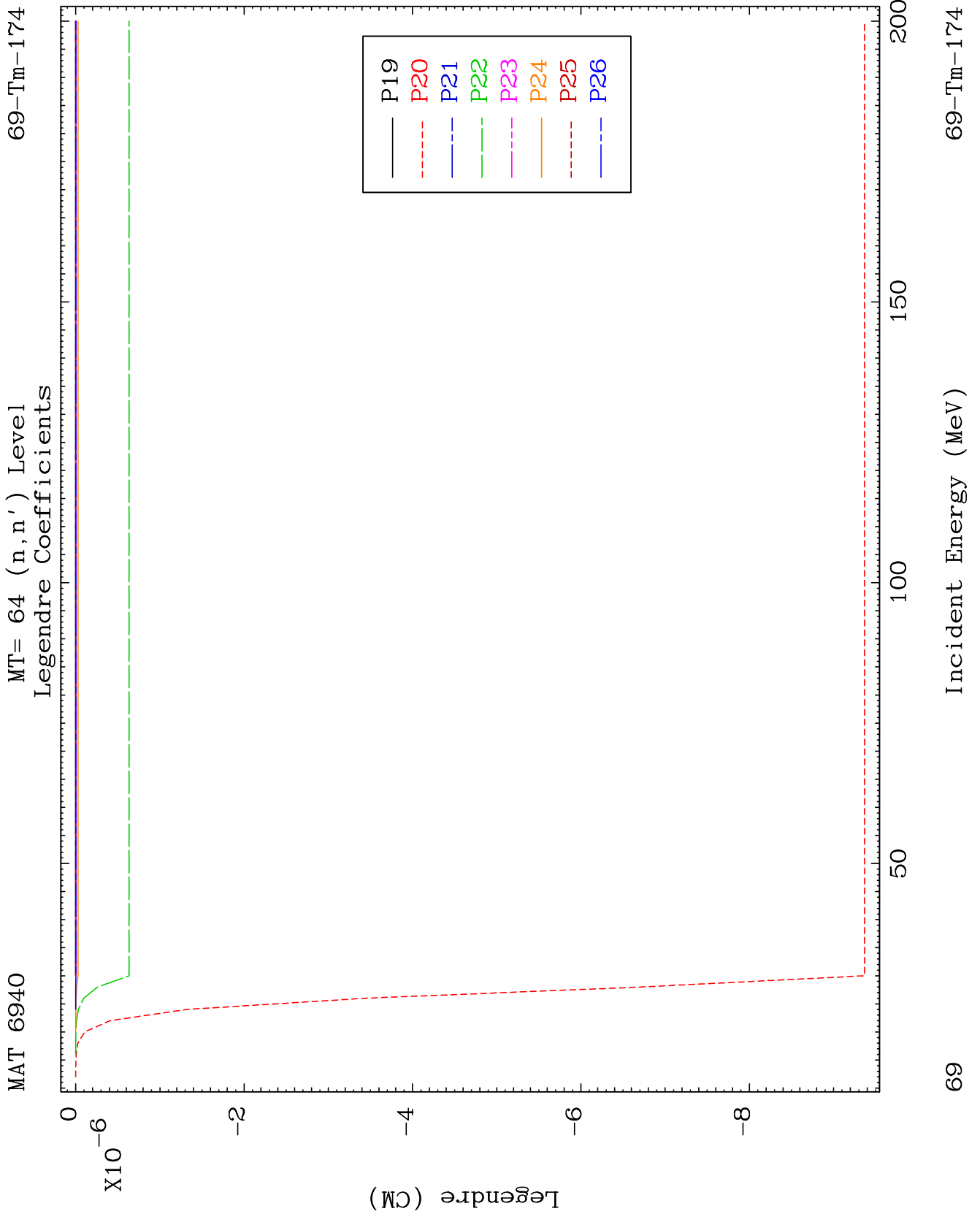
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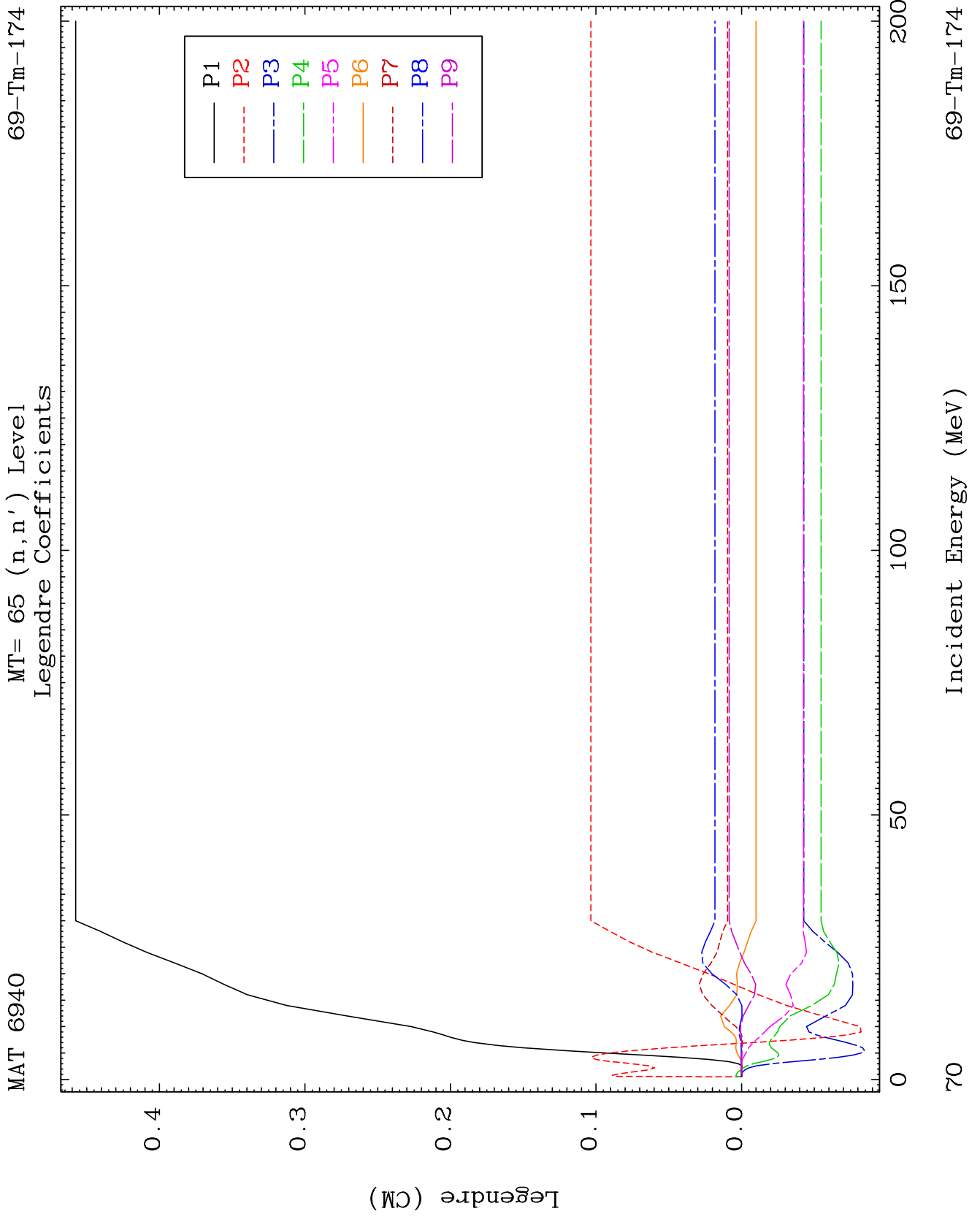


68

Incident Energy (MeV)

69-Tm-174

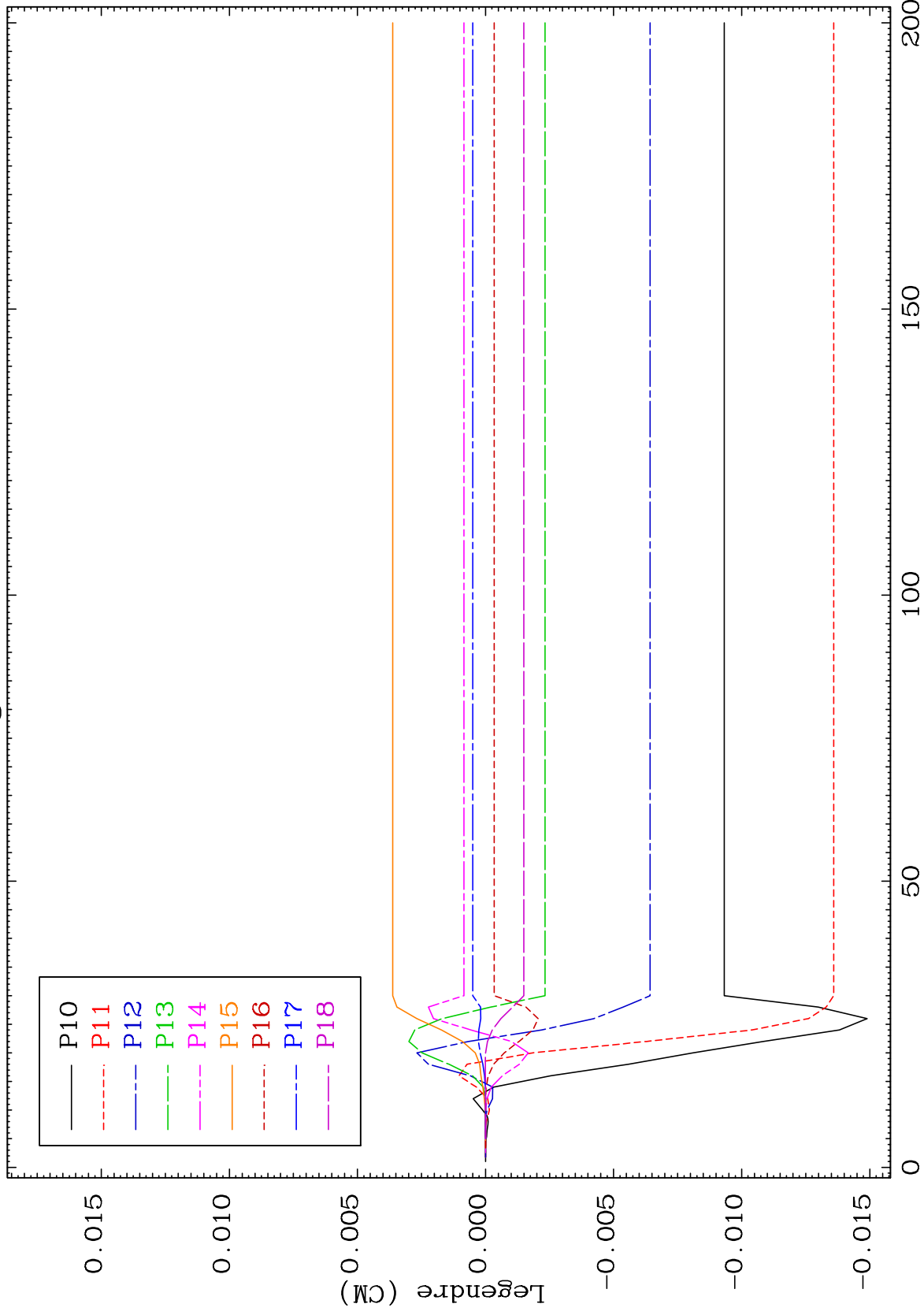




MAT 6940

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

69-Tm-174



71

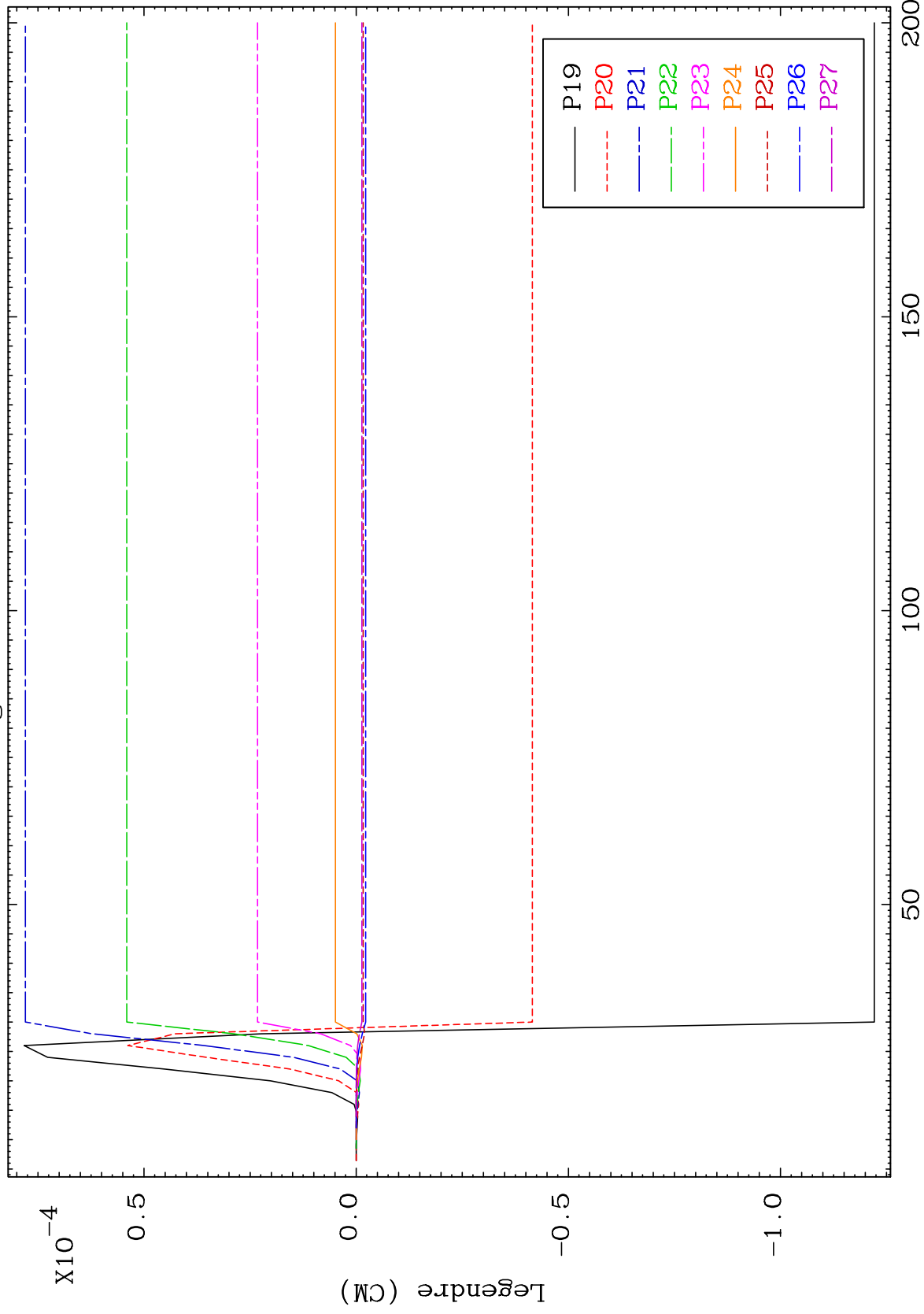
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

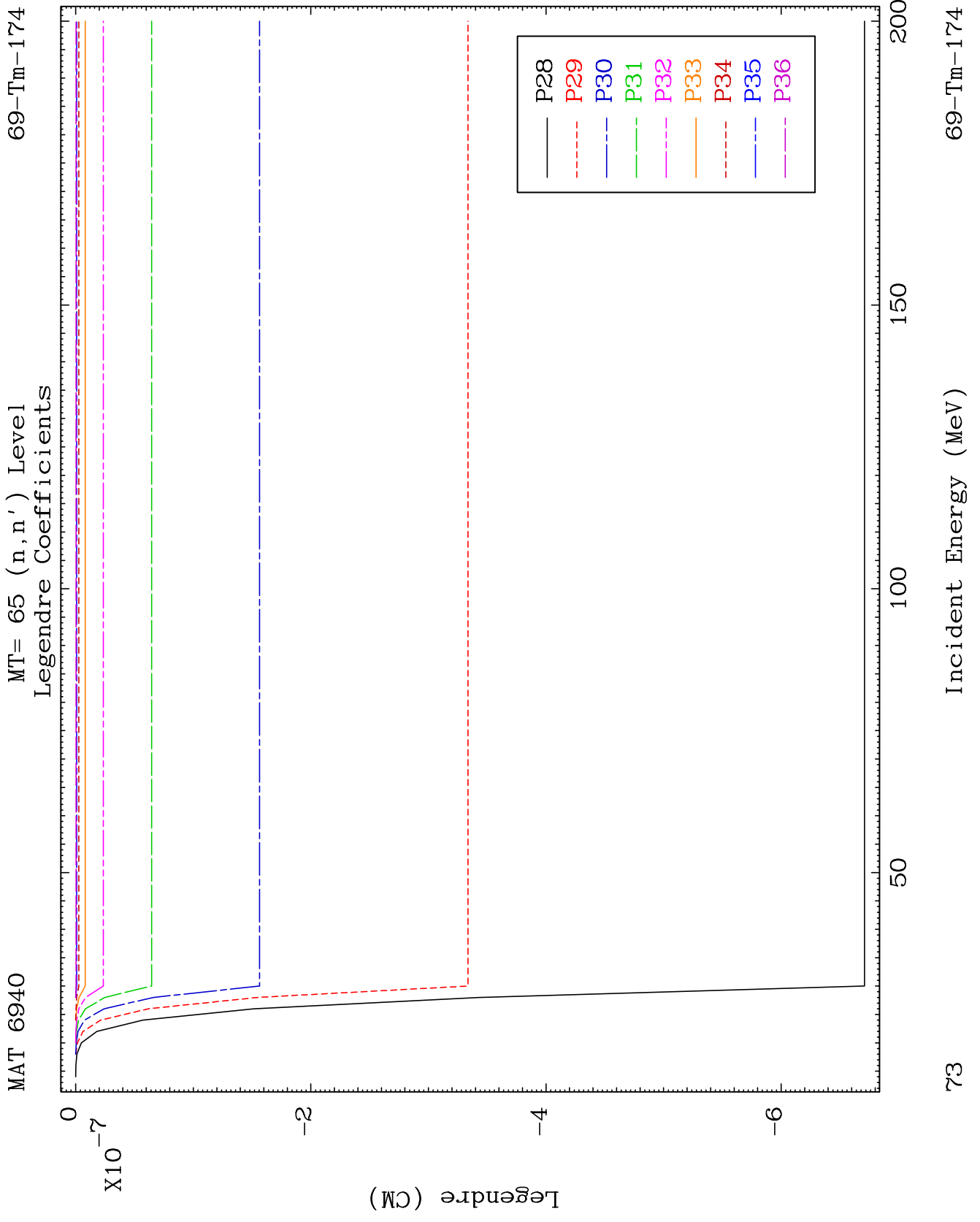
69-Tm-174



72

Incident Energy (MeV)

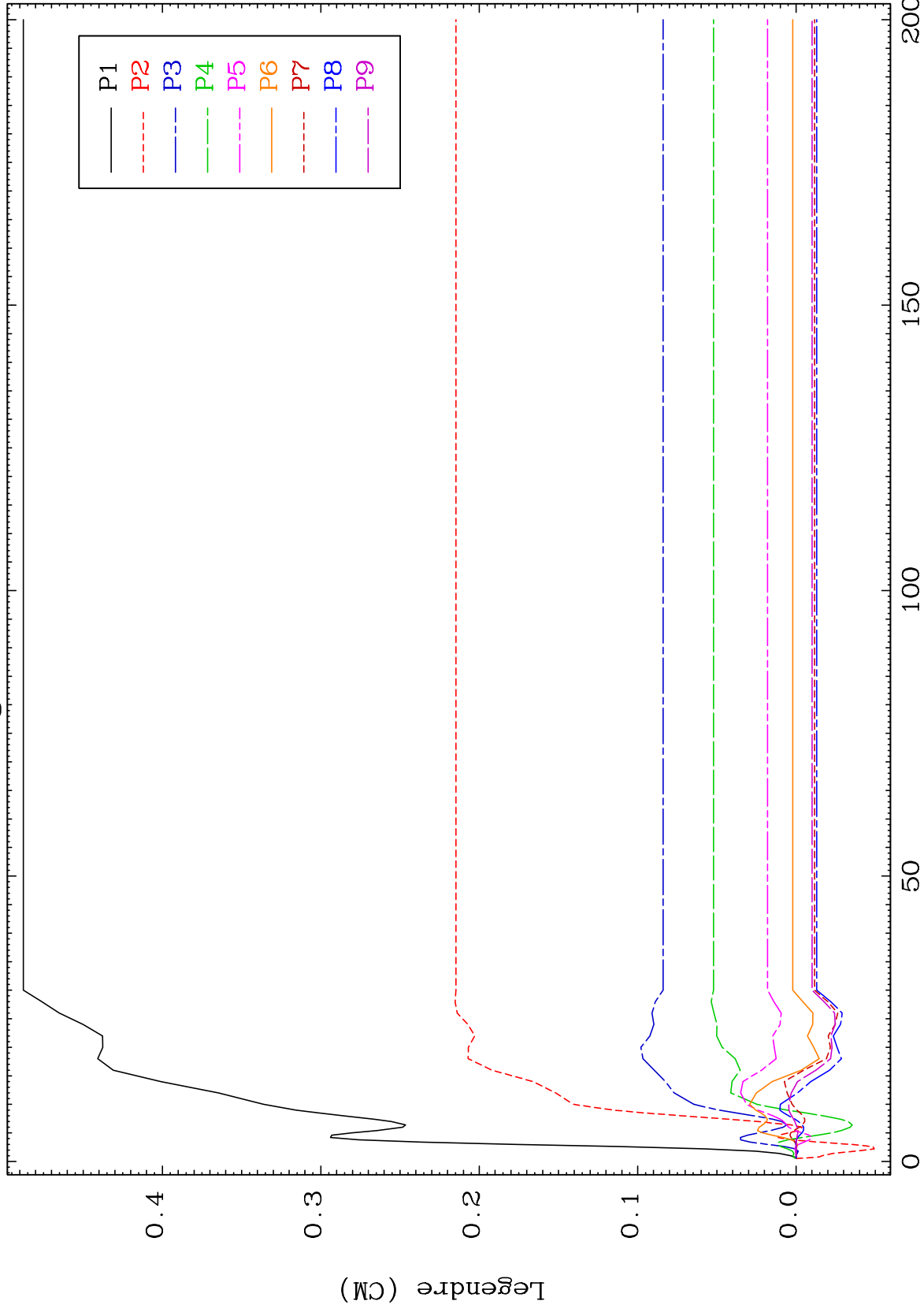
69-Tm-174



MAT 6940

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

69-Tm-174



74

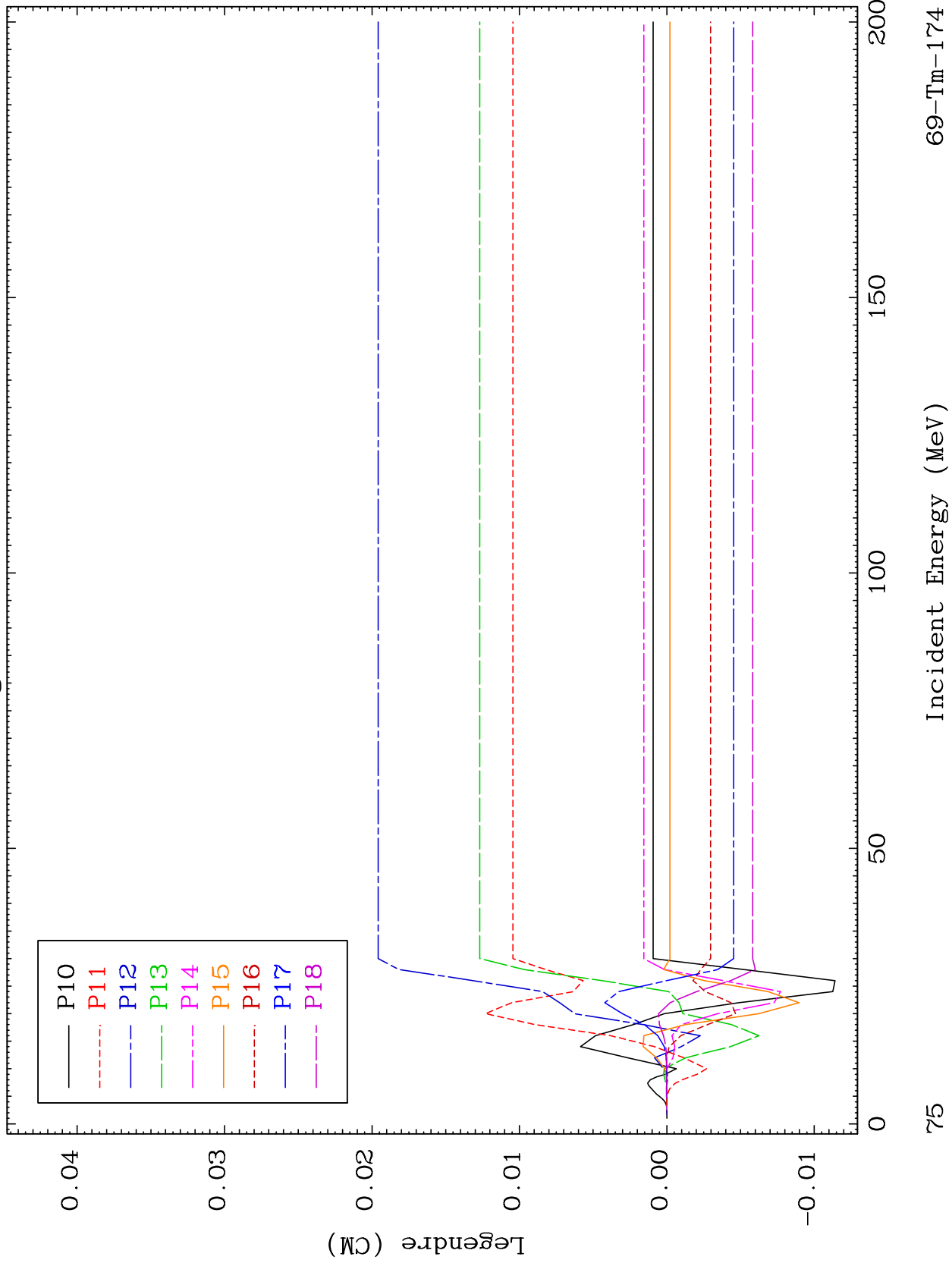
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



69-Tm-174

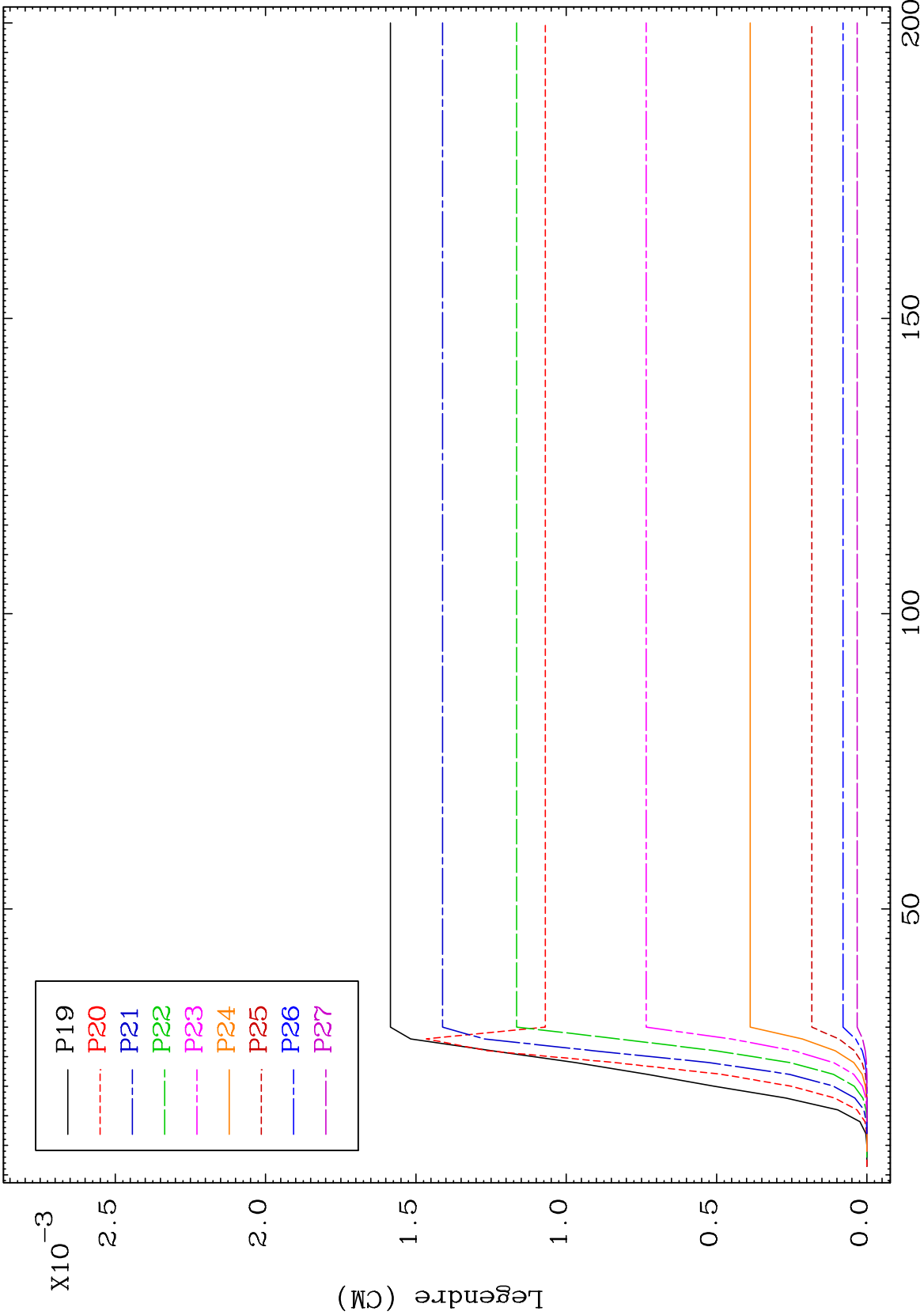
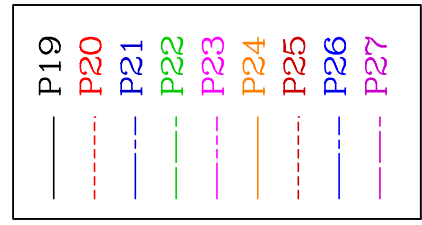
Incident Energy (MeV)

75

MAT 6940

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

69-Tm-174



76

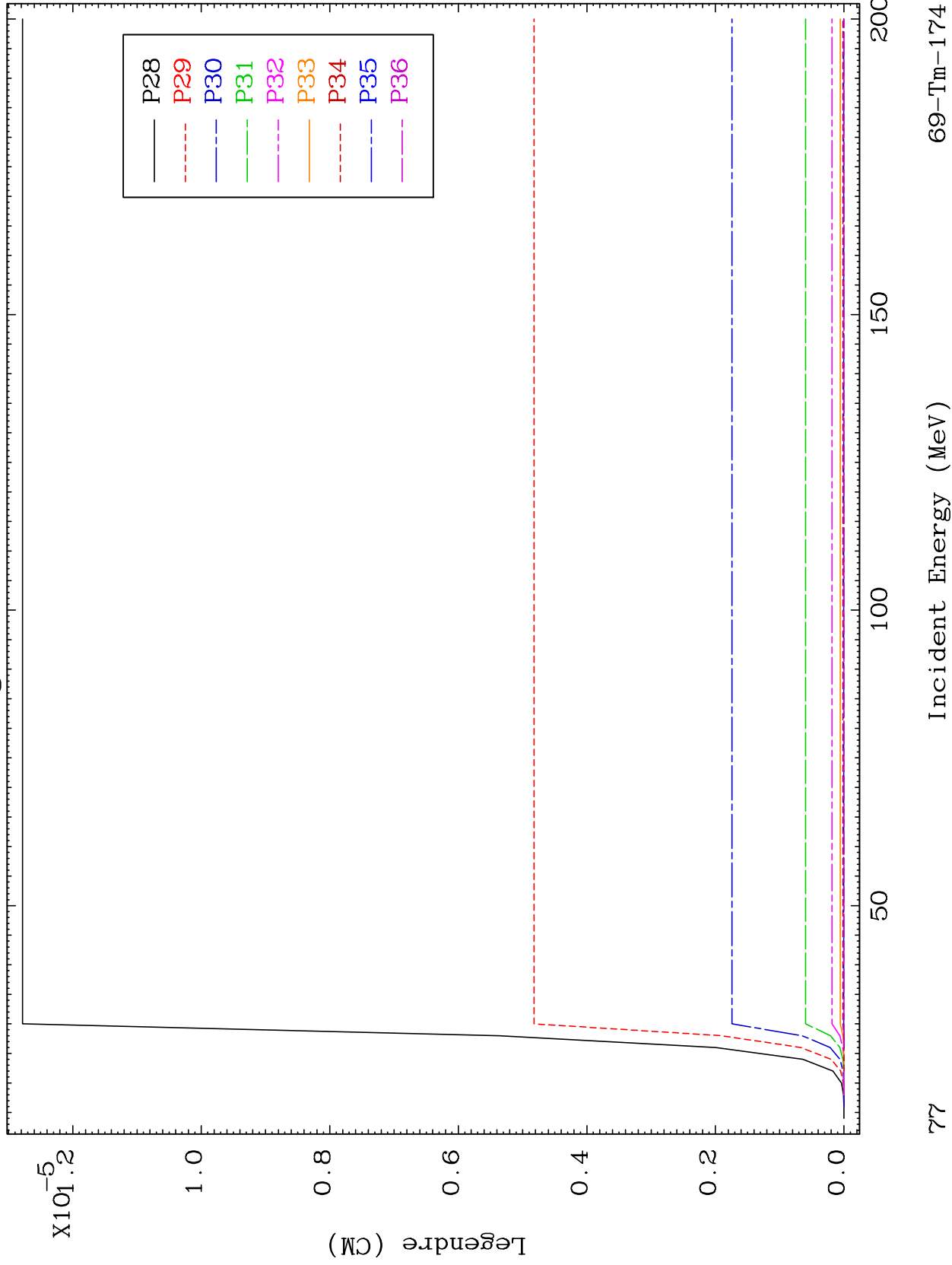
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

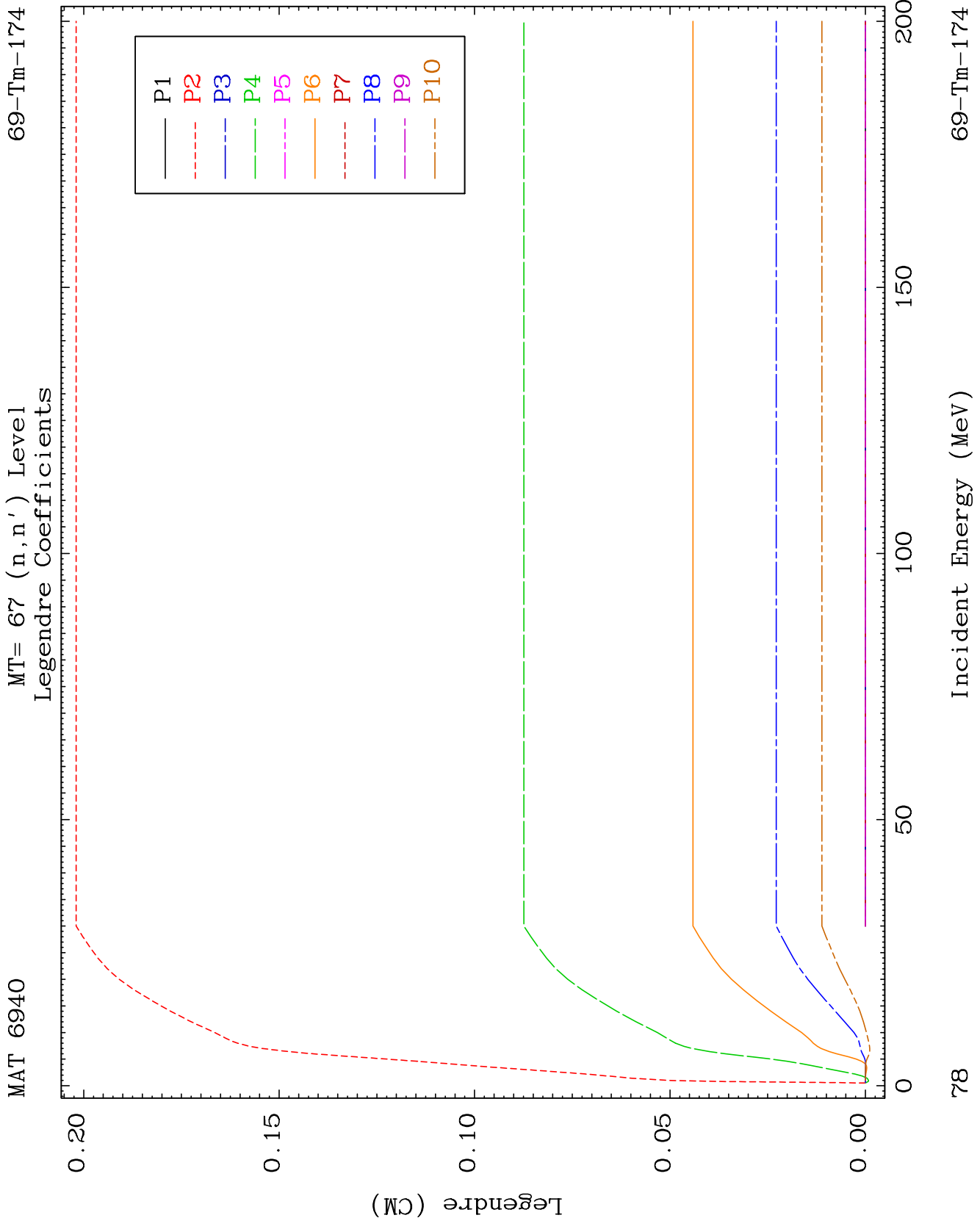
69-Tm-174



77

Incident Energy (MeV)

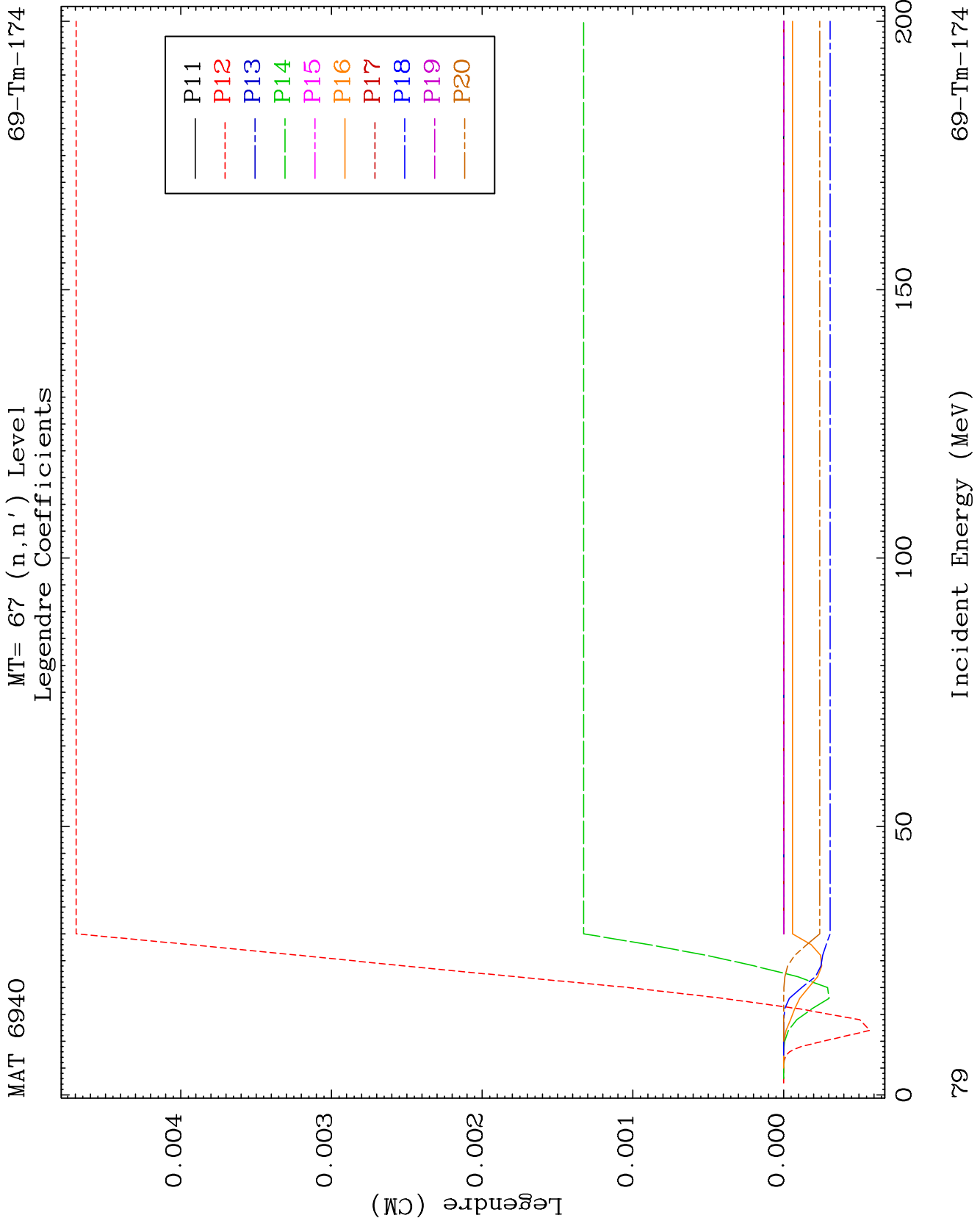
69-Tm-174

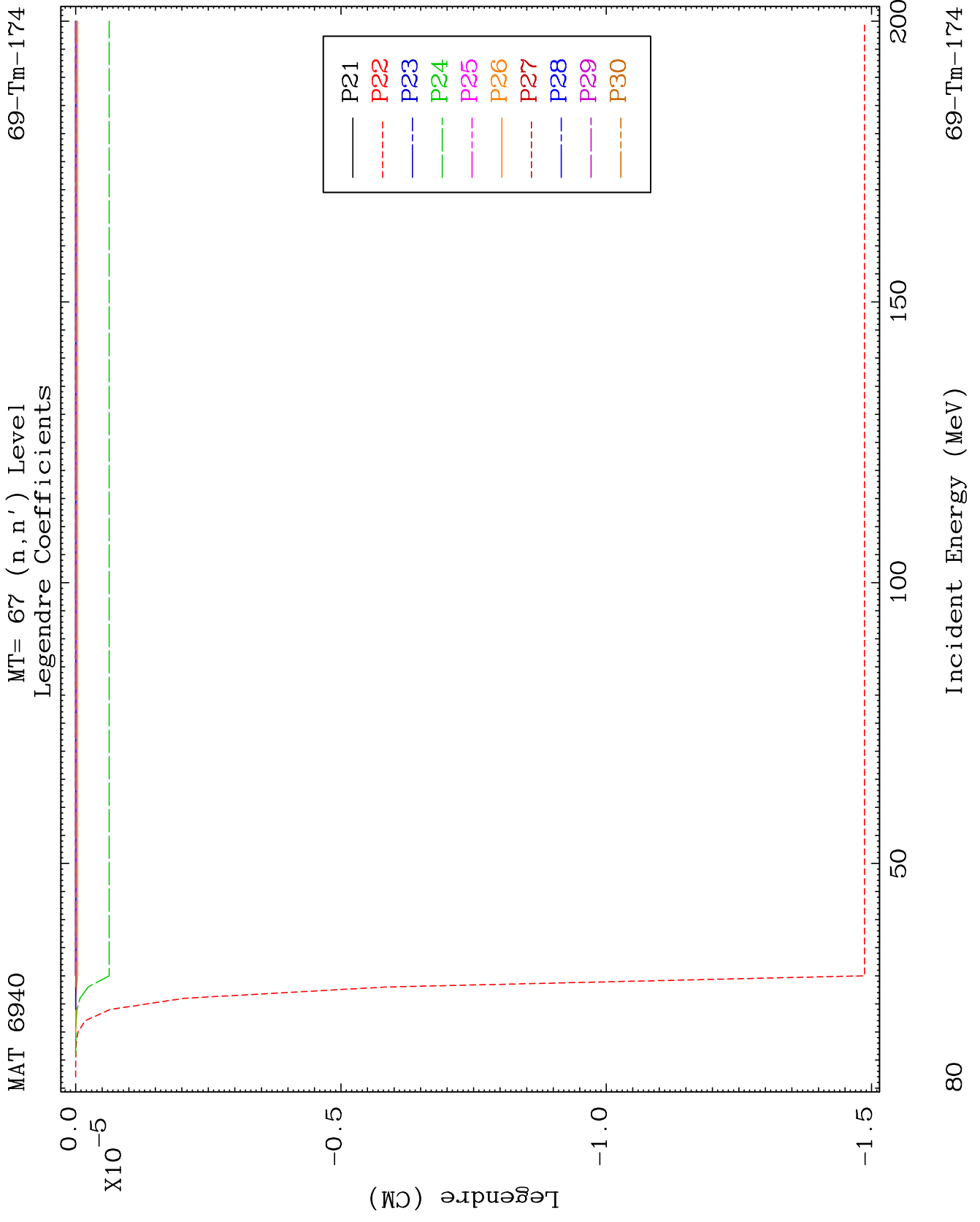


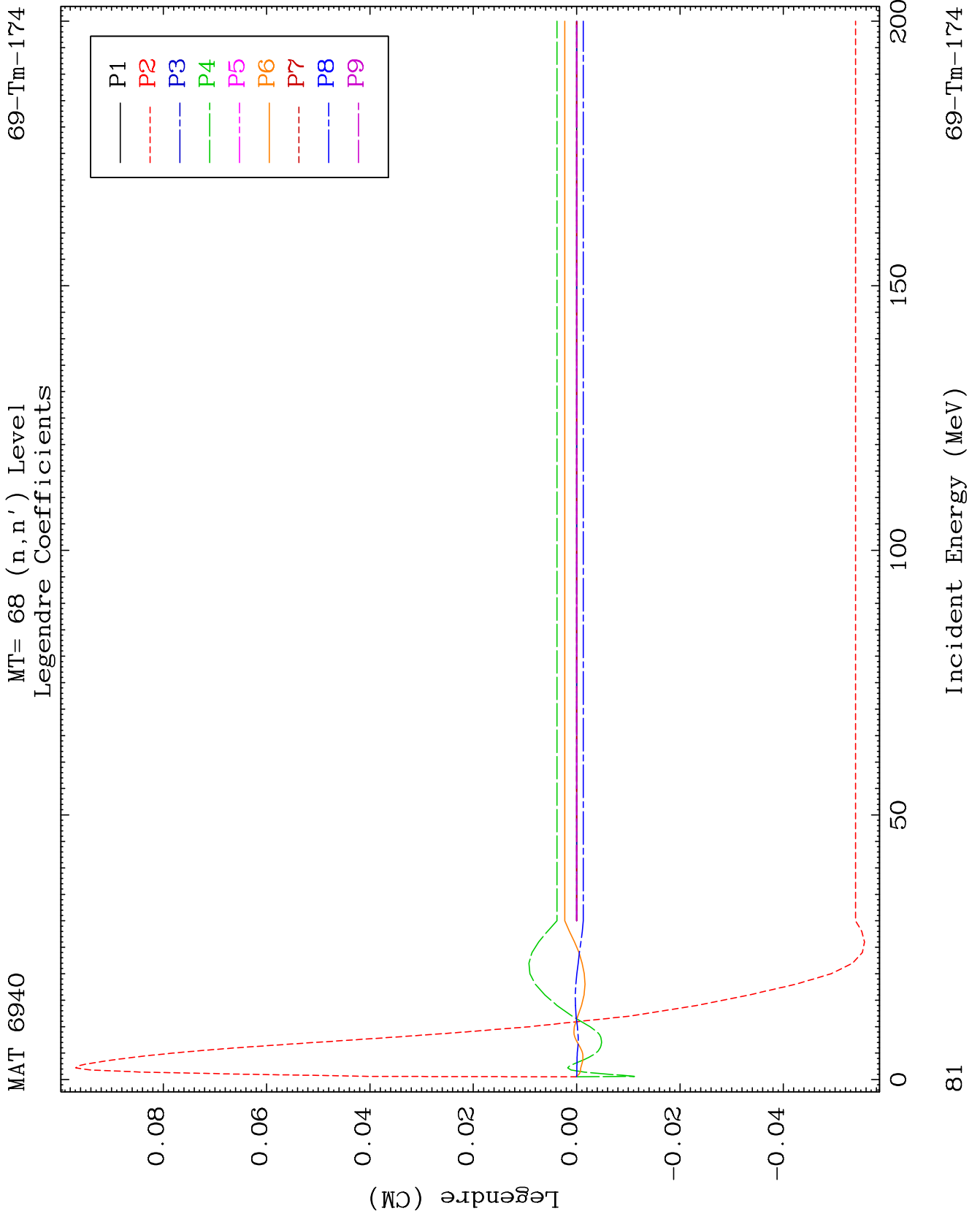
69-Tm-174

Incident Energy (MeV)

78



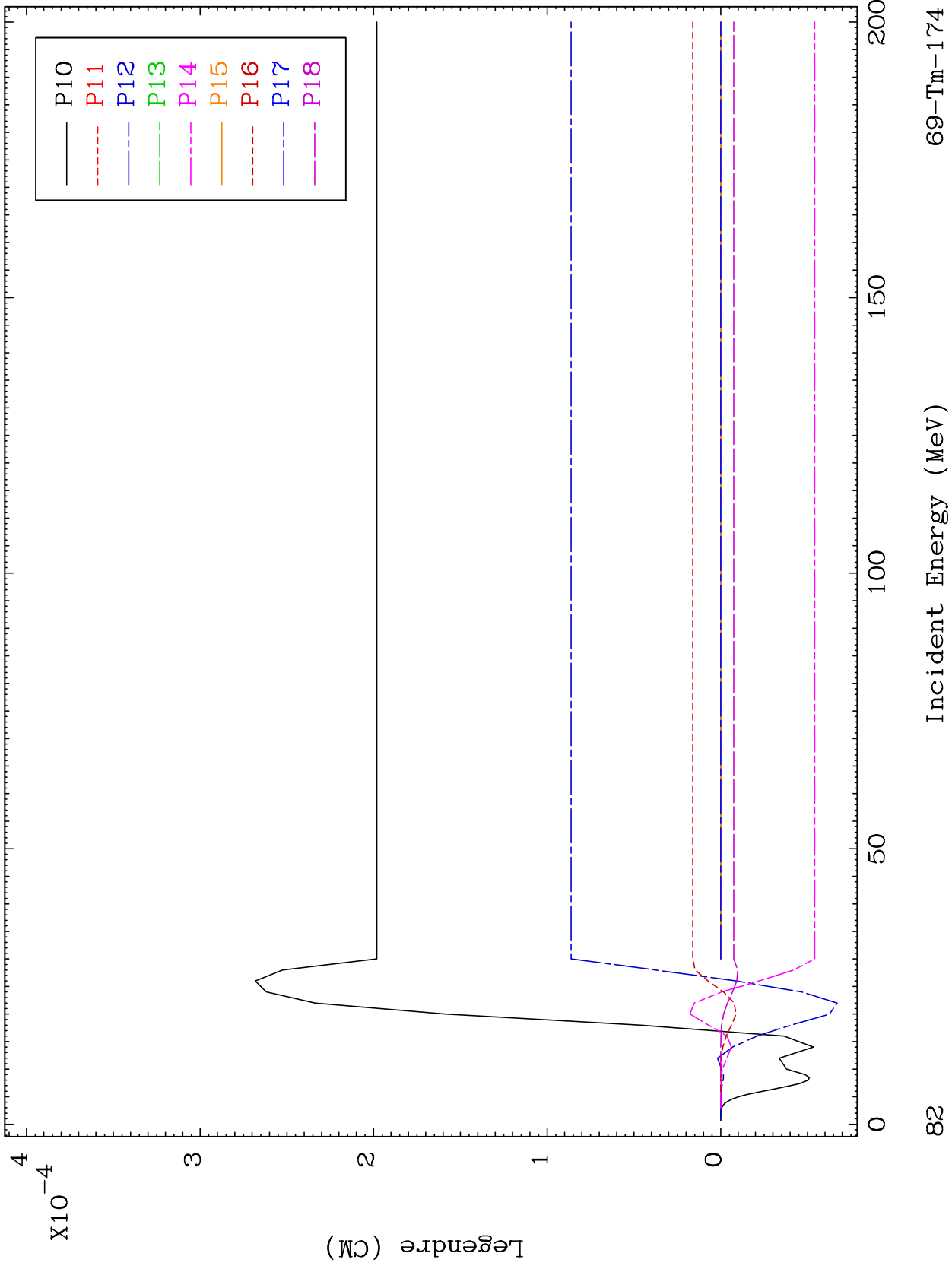


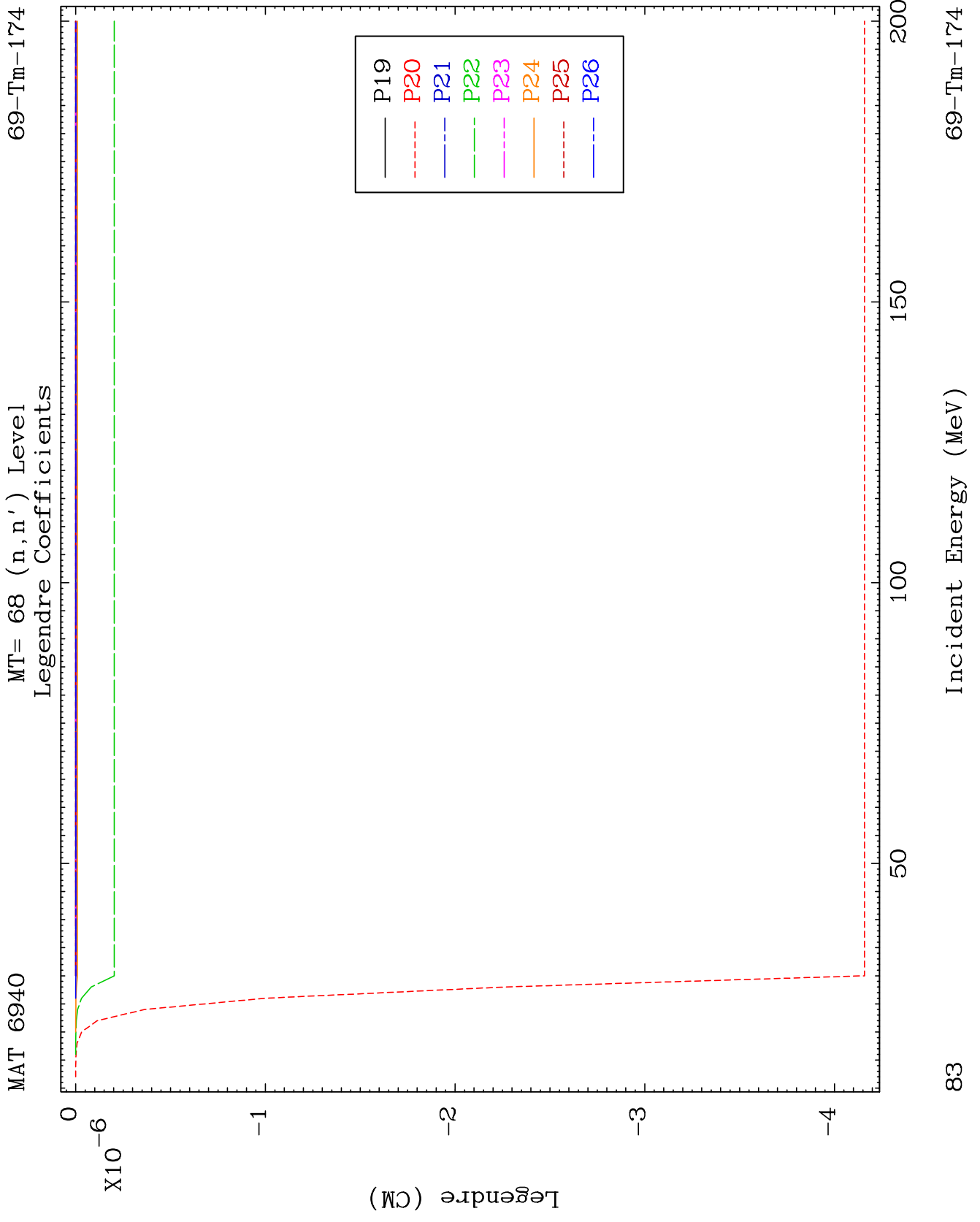


MAT 6940

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

69-Tm-174

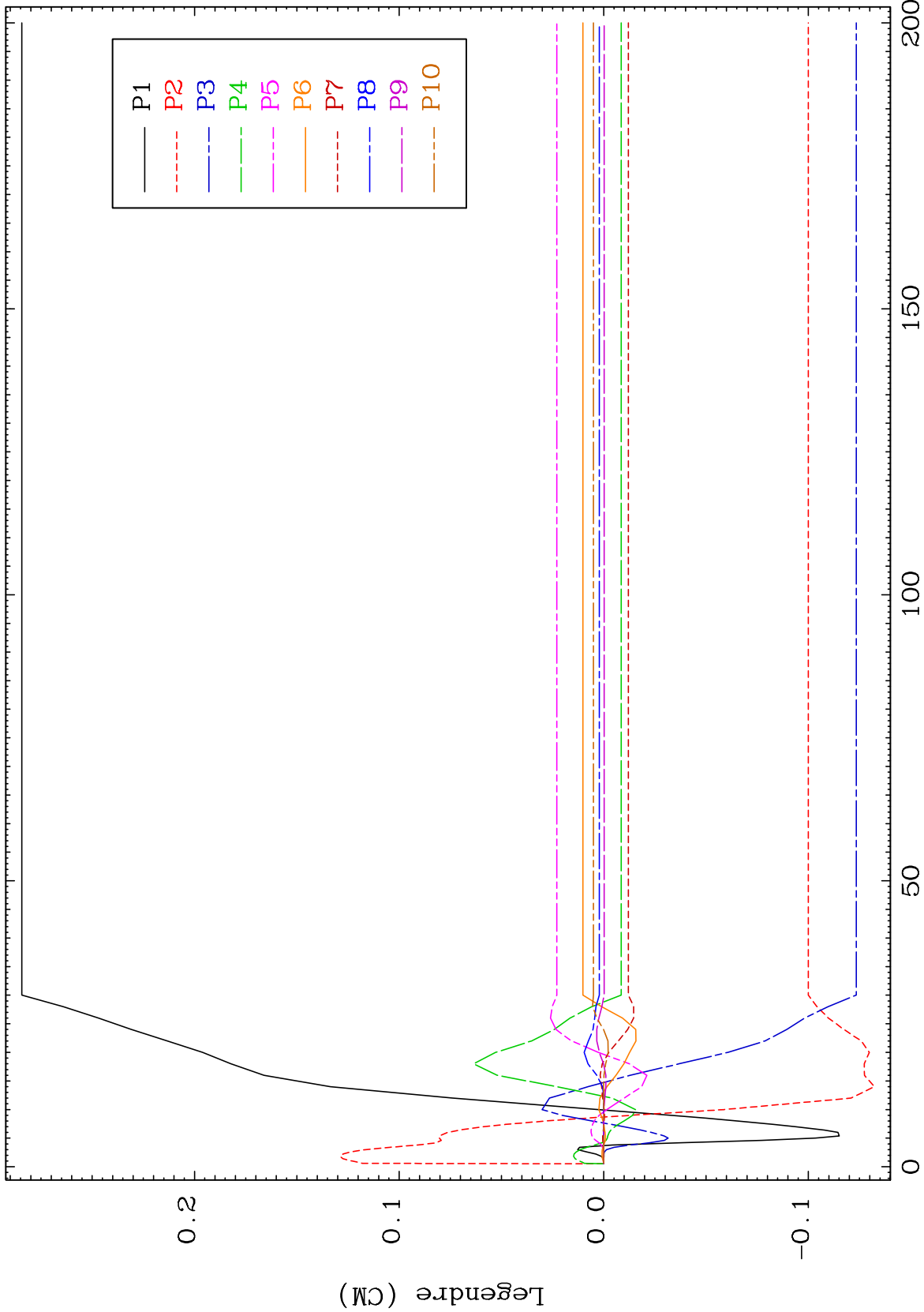




MAT 6940

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

69-Tm-174



84

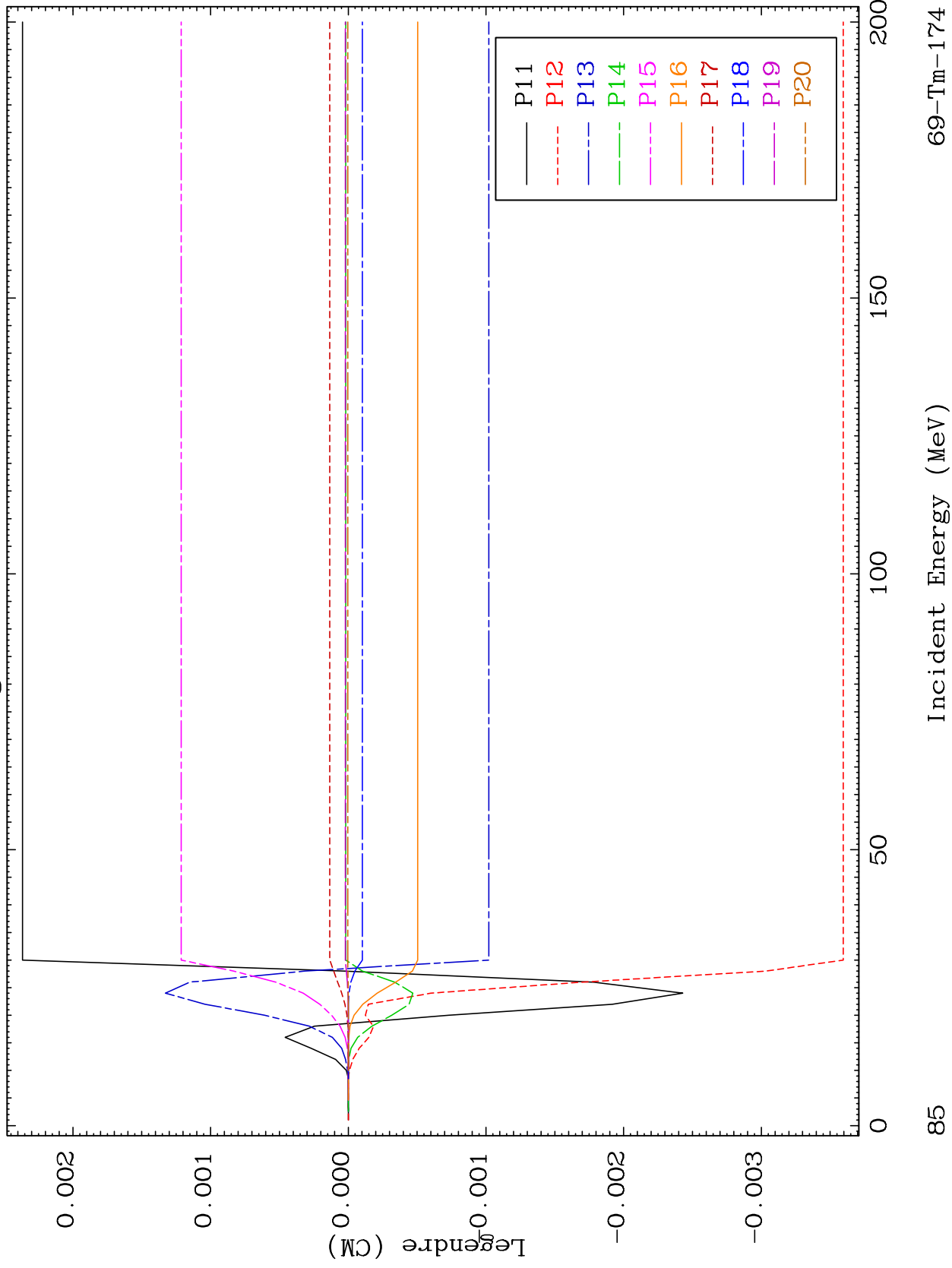
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



85

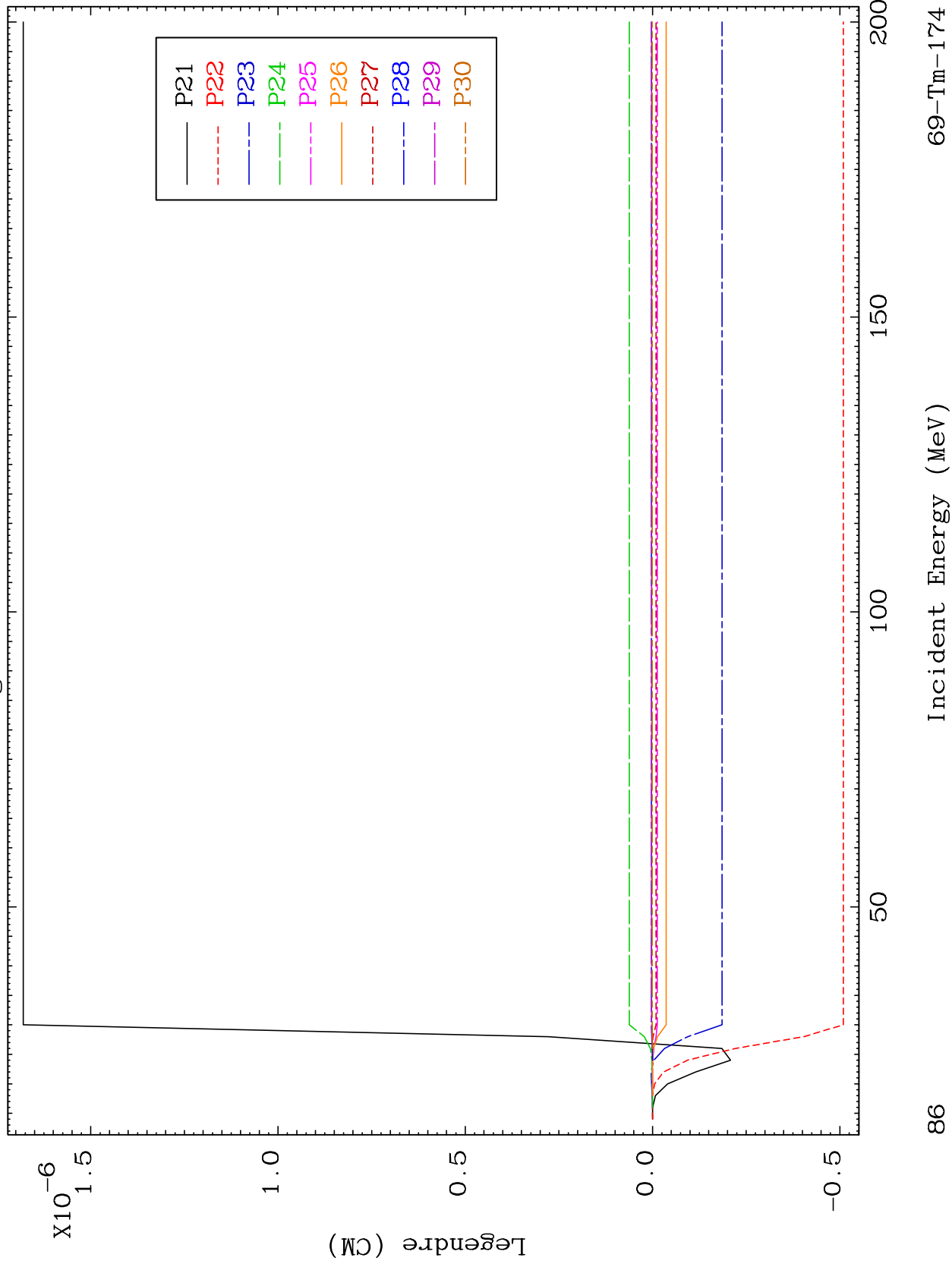
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

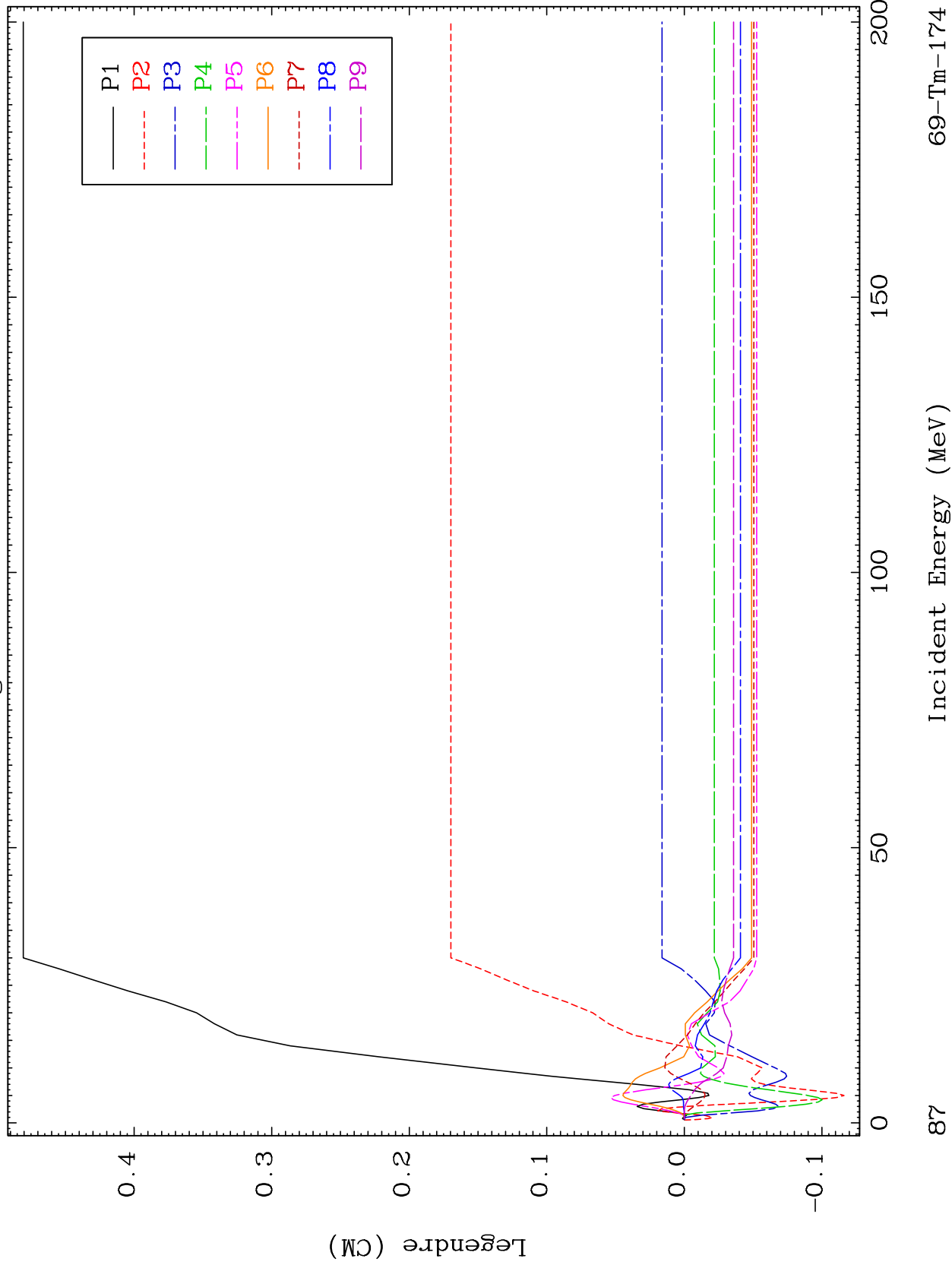
69-Tm-174

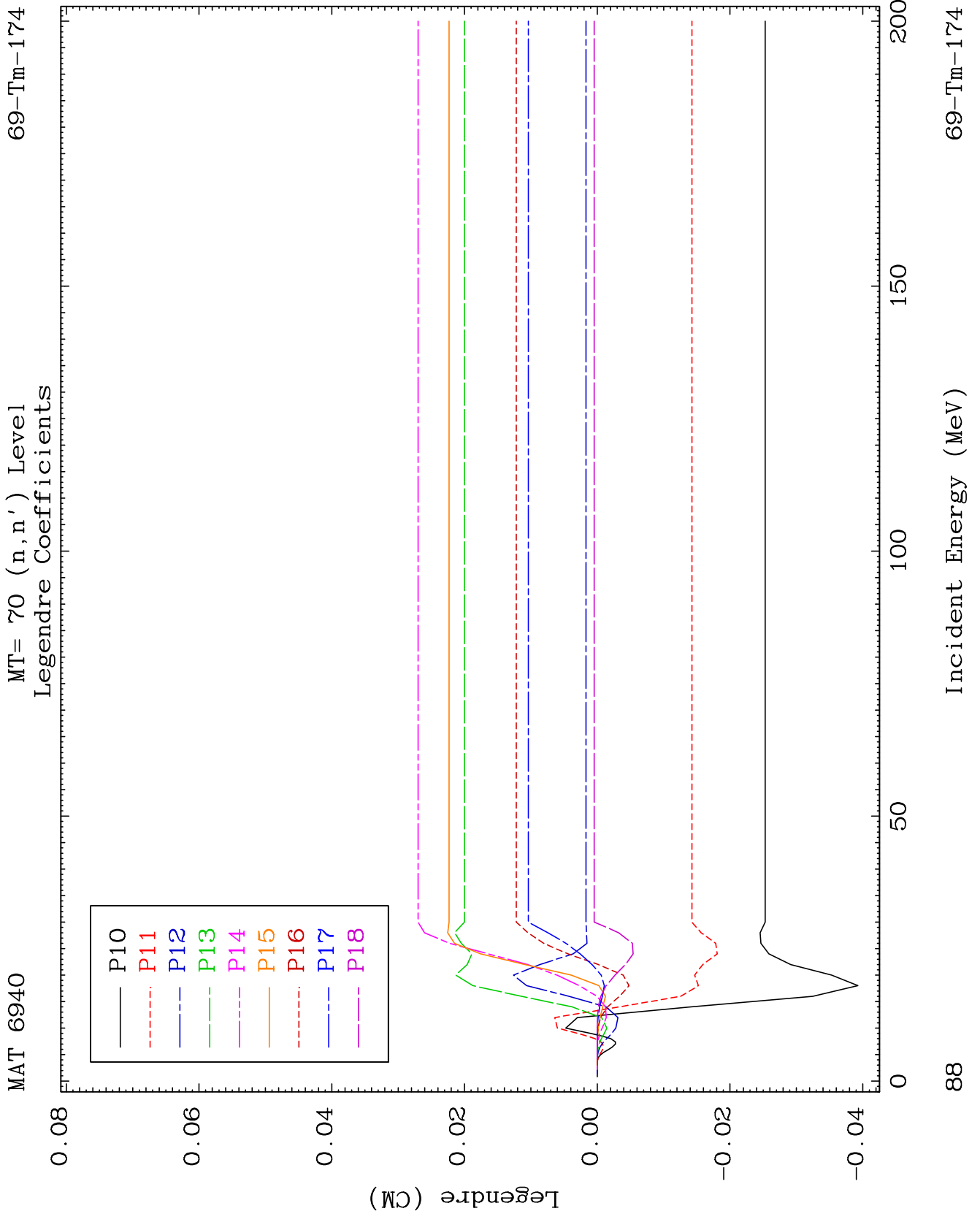


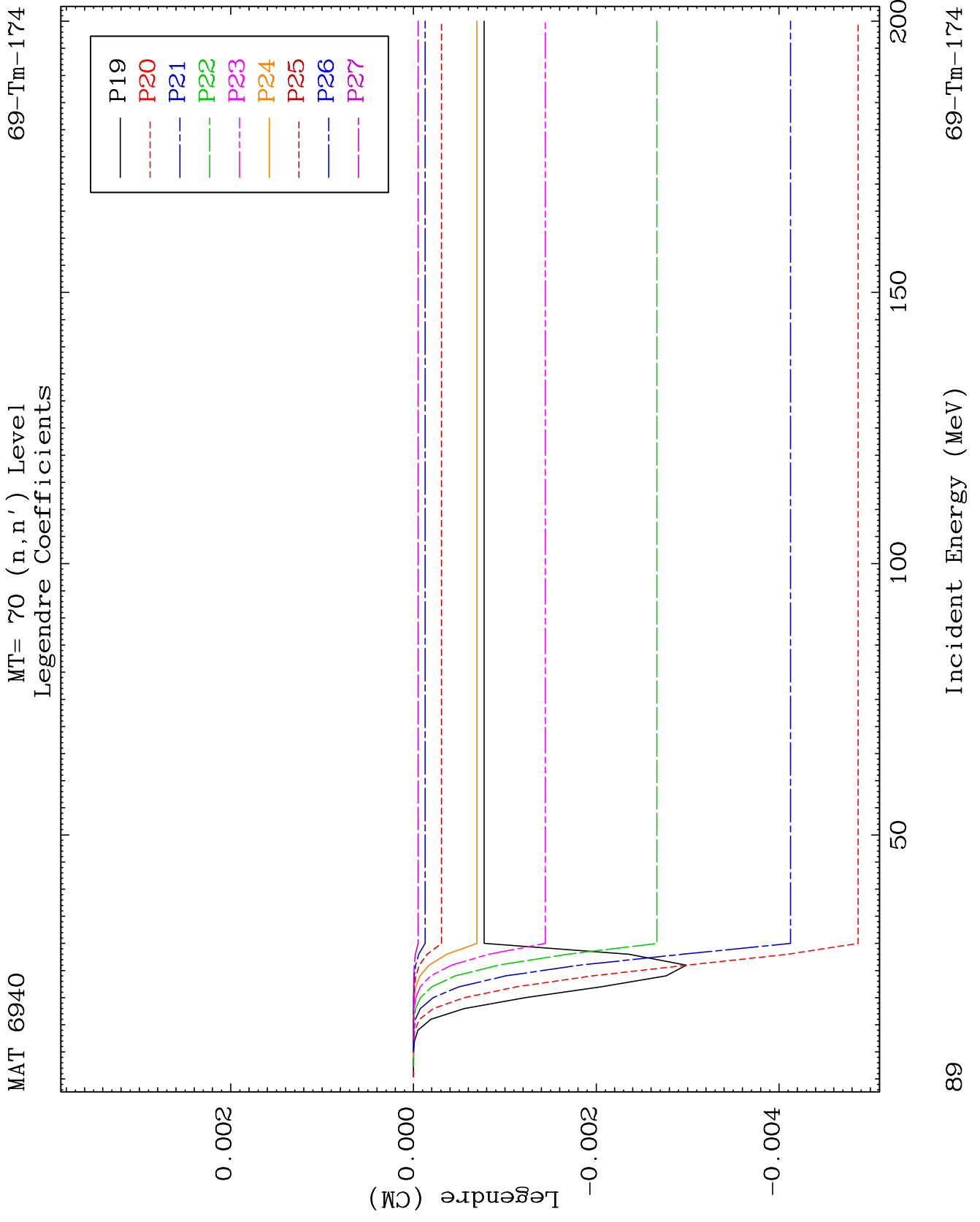
MAT 6940

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

69-Tm-174



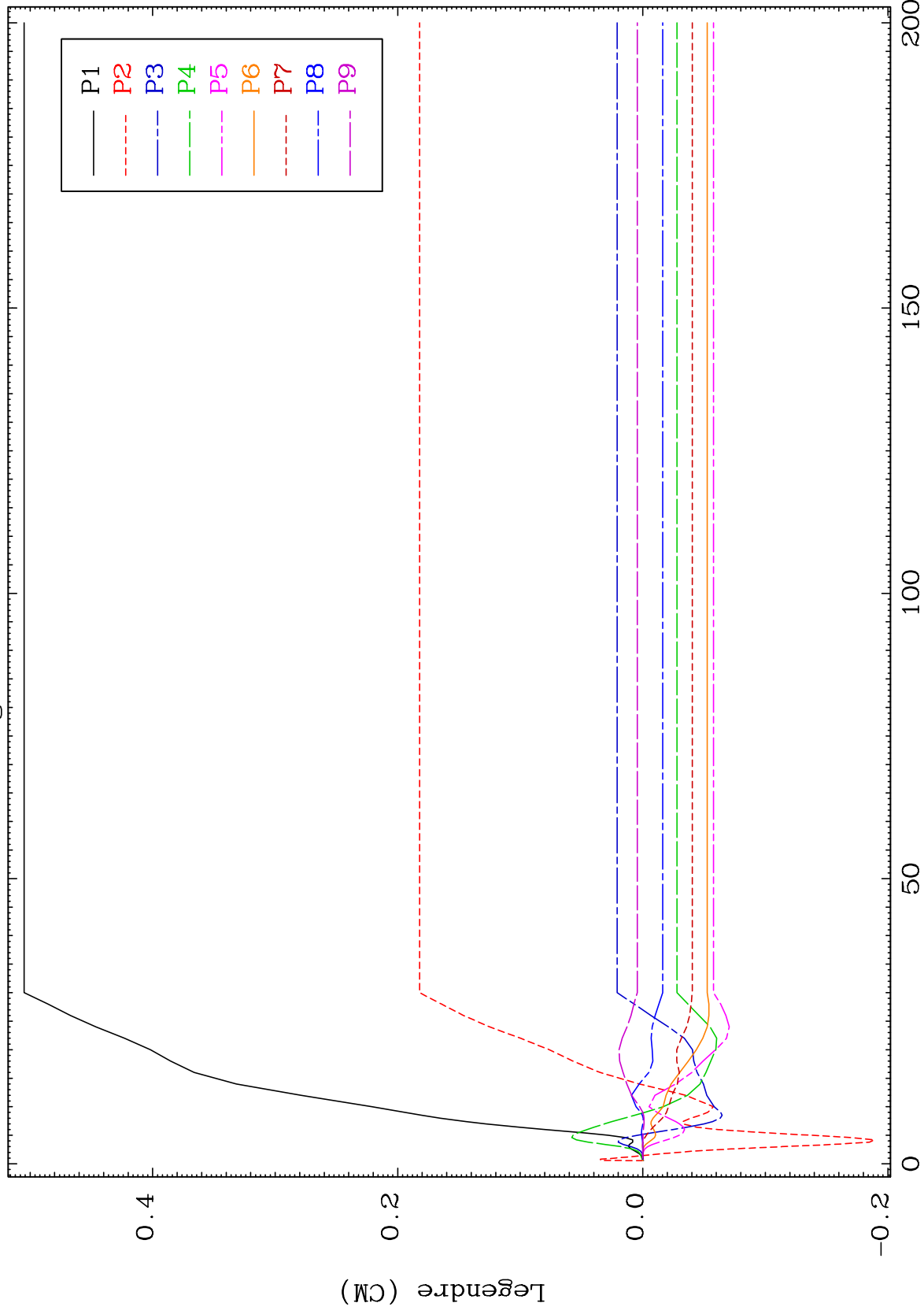




MAT 6940

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

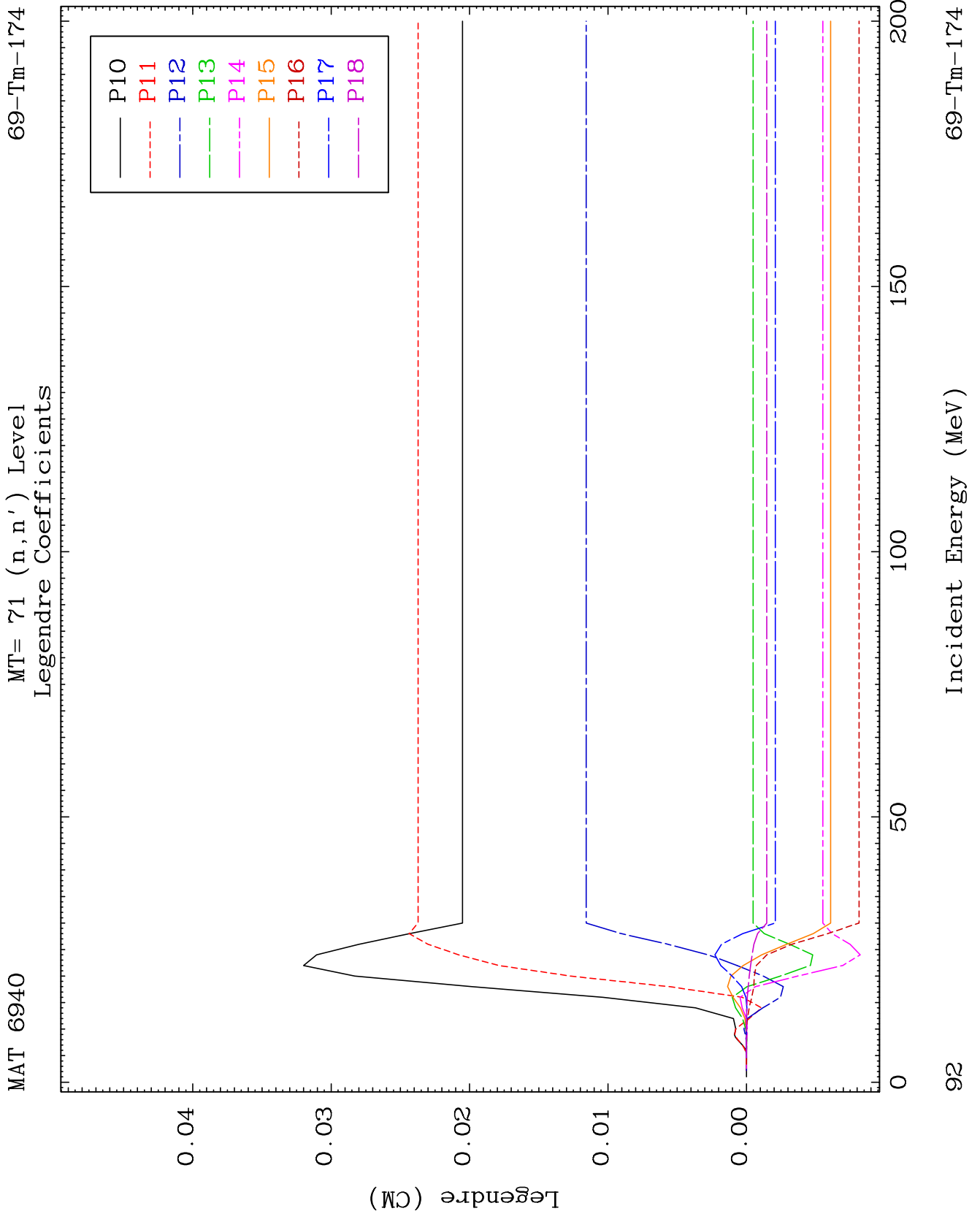
69-Tm-174



91

Incident Energy (MeV)

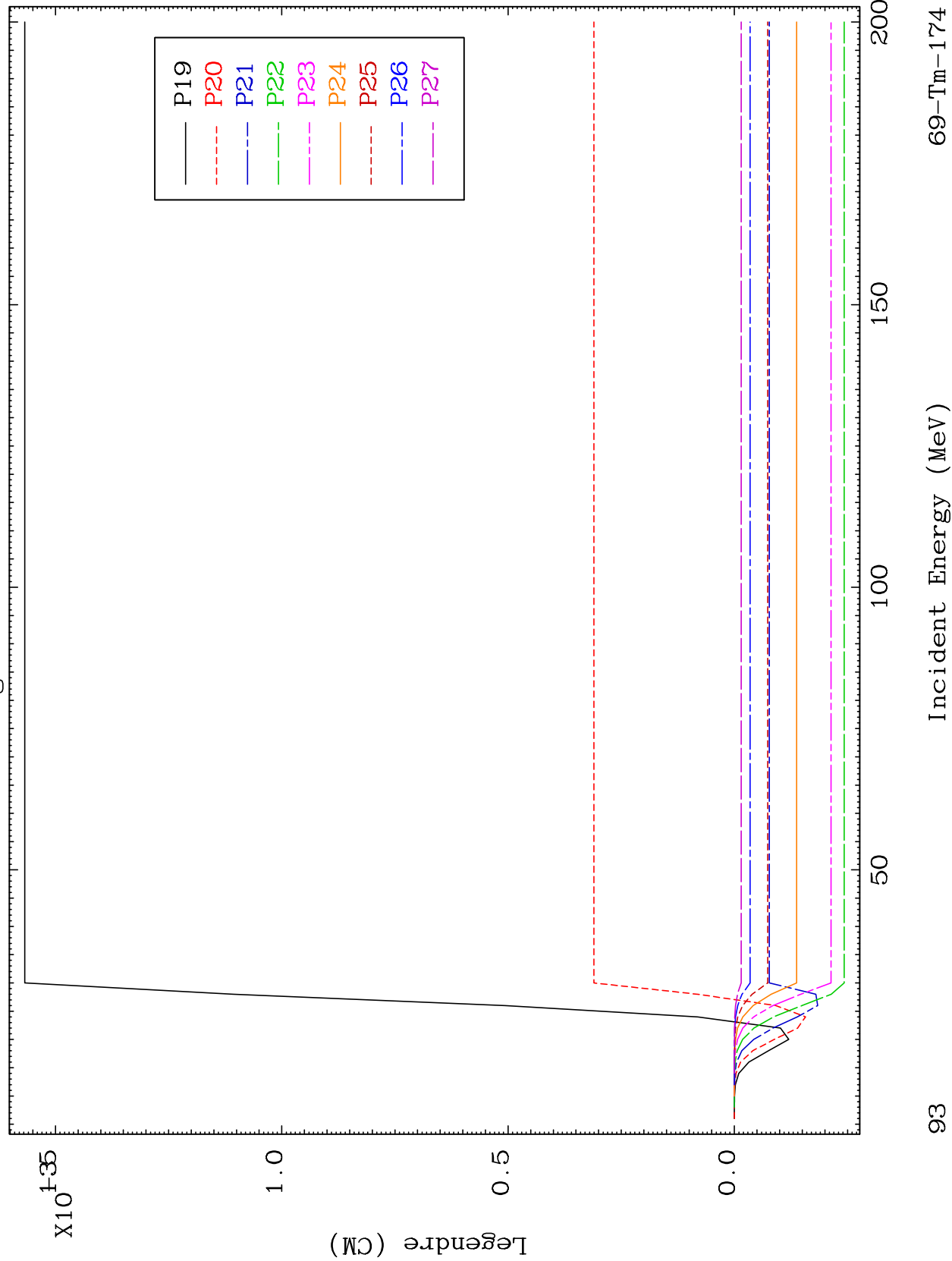
69-Tm-174

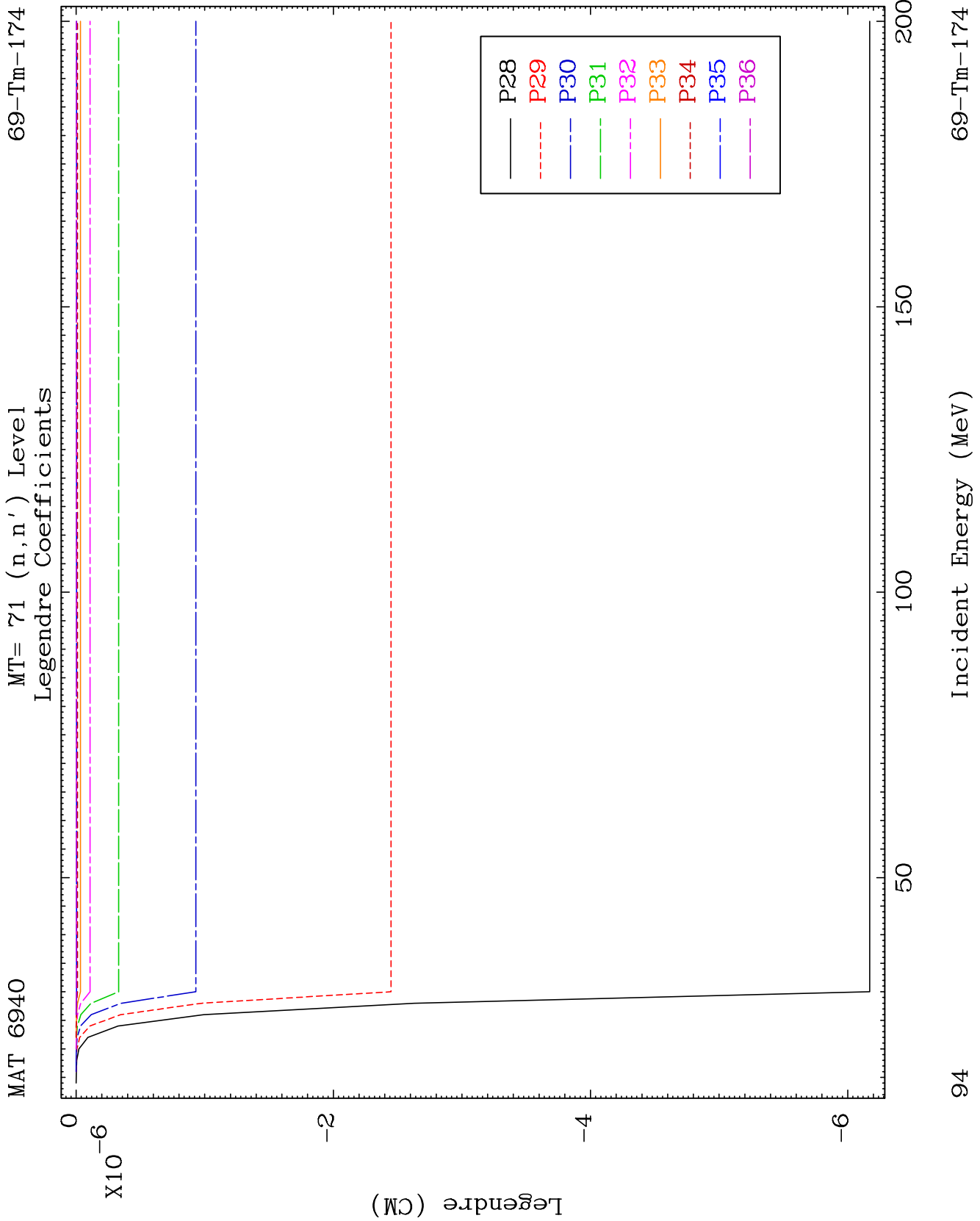


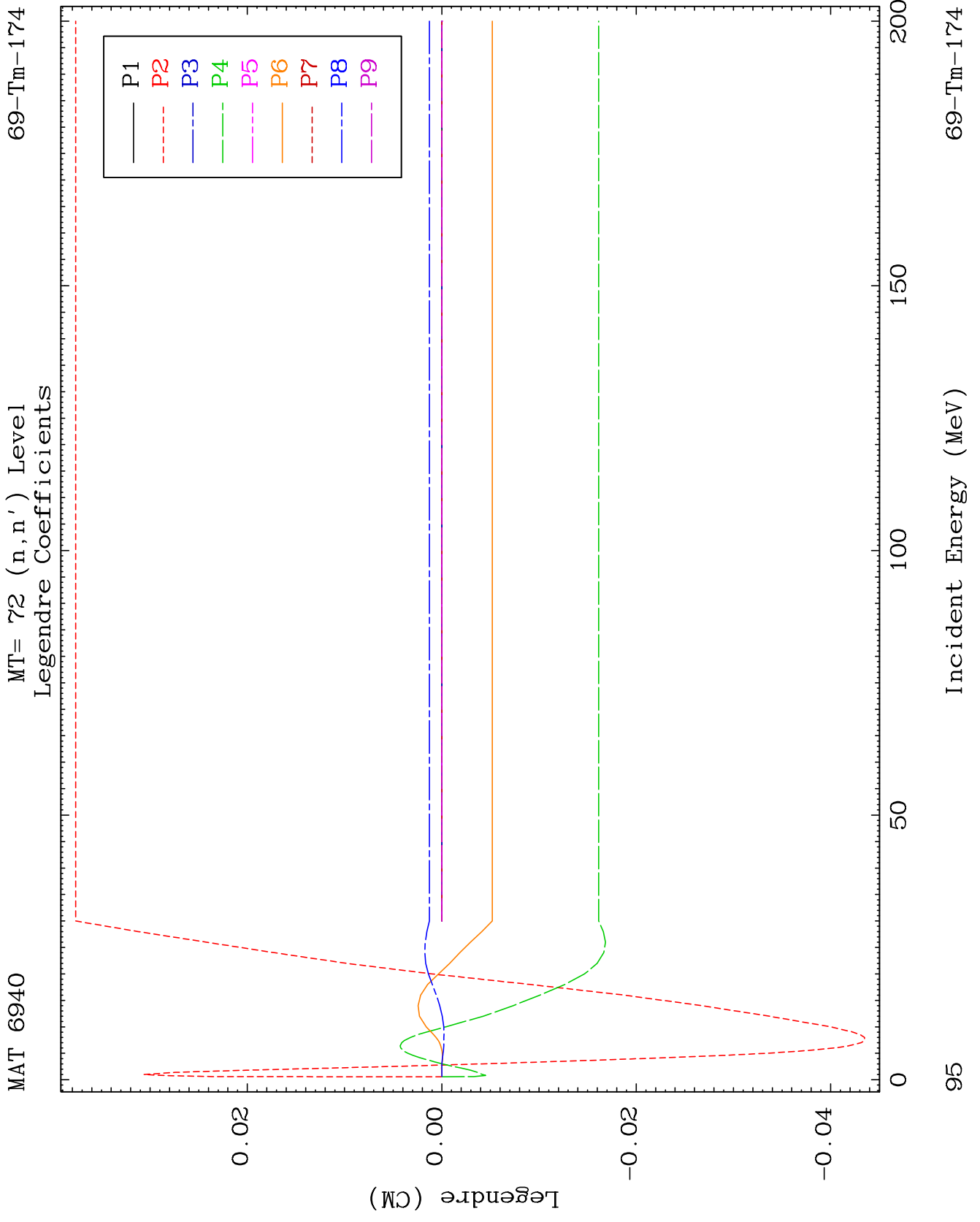
MAT 6940

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

69-Tm-174



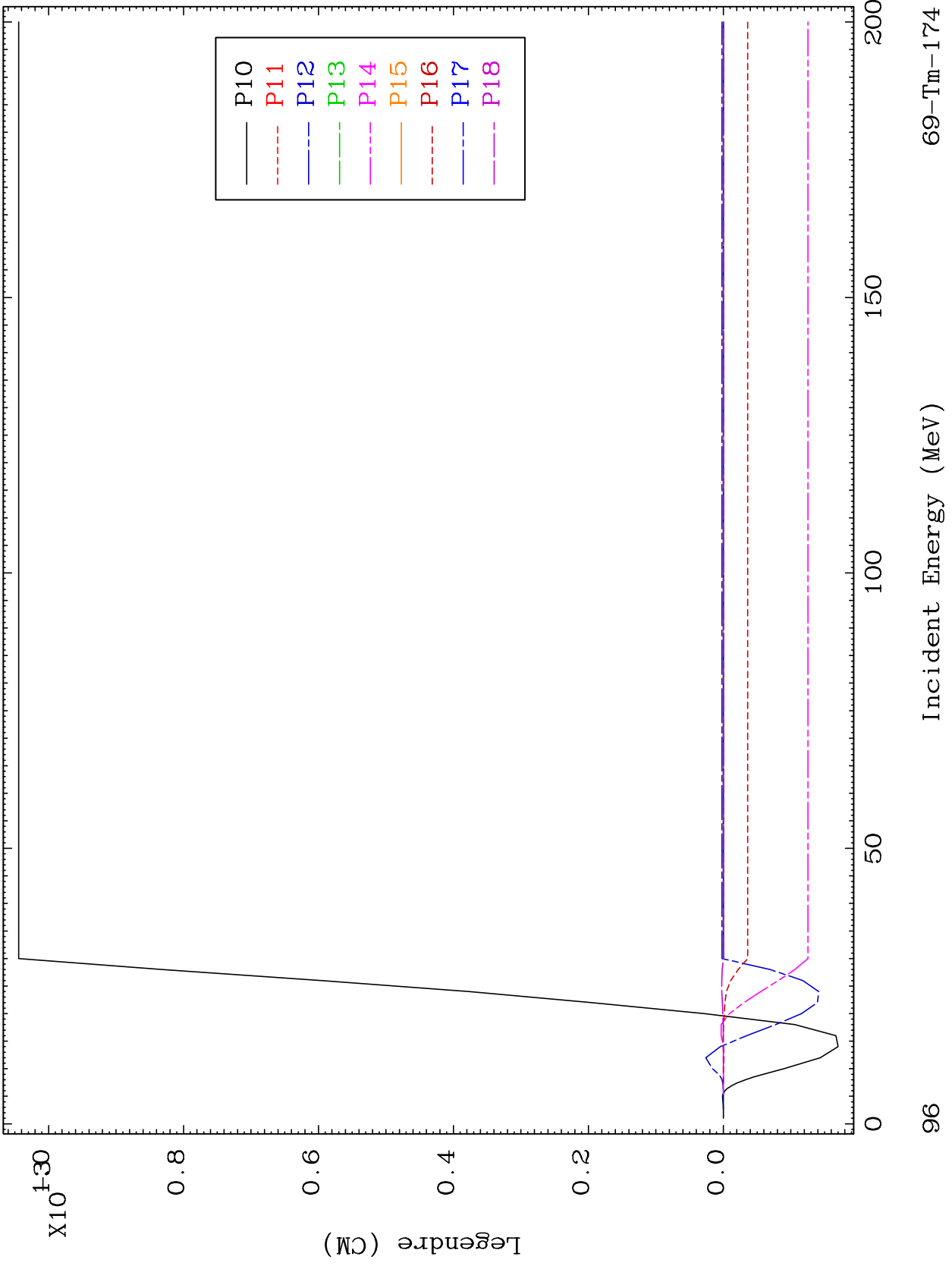




MAT 6940

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

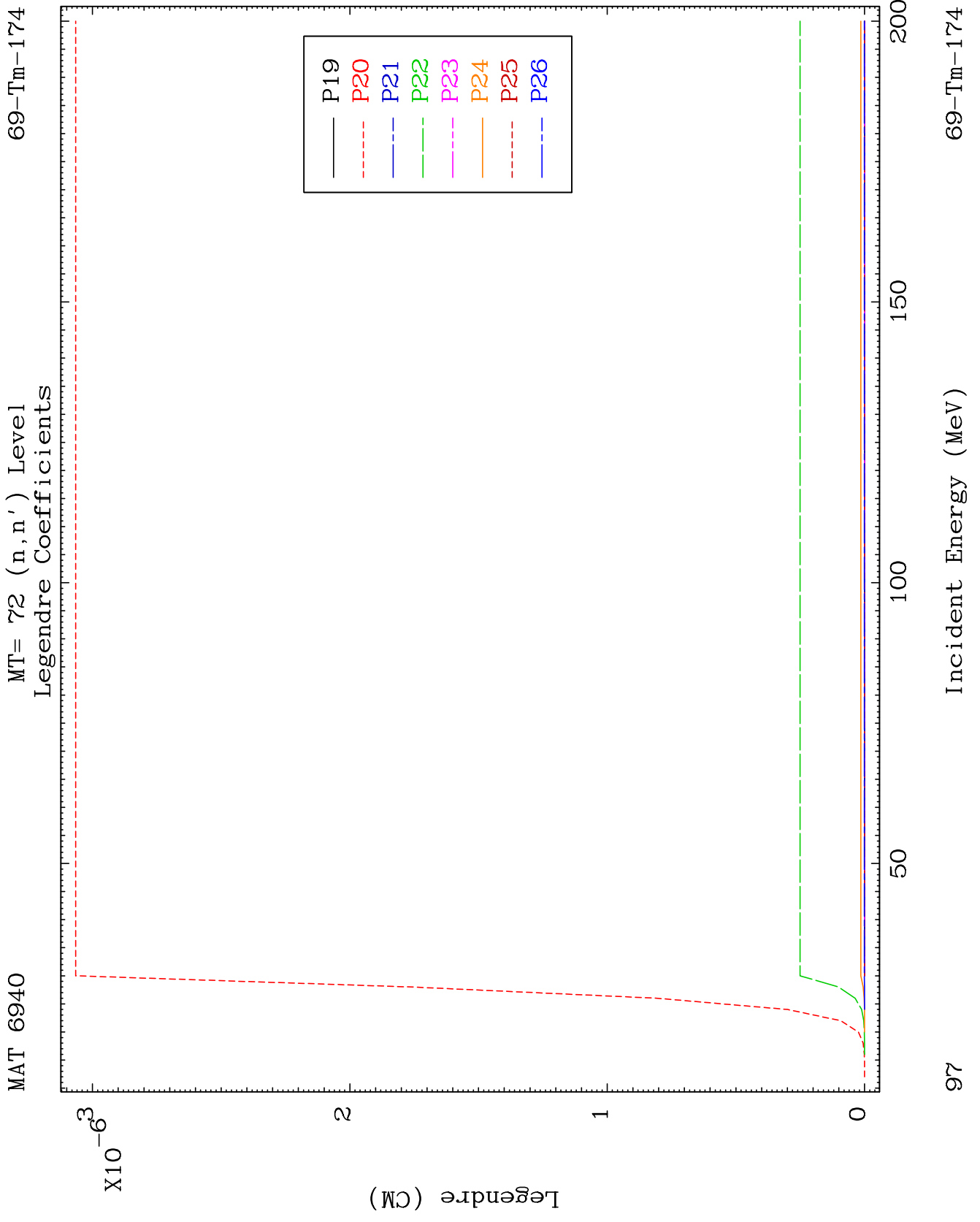
69-Tm-174



96

Incident Energy (MeV)

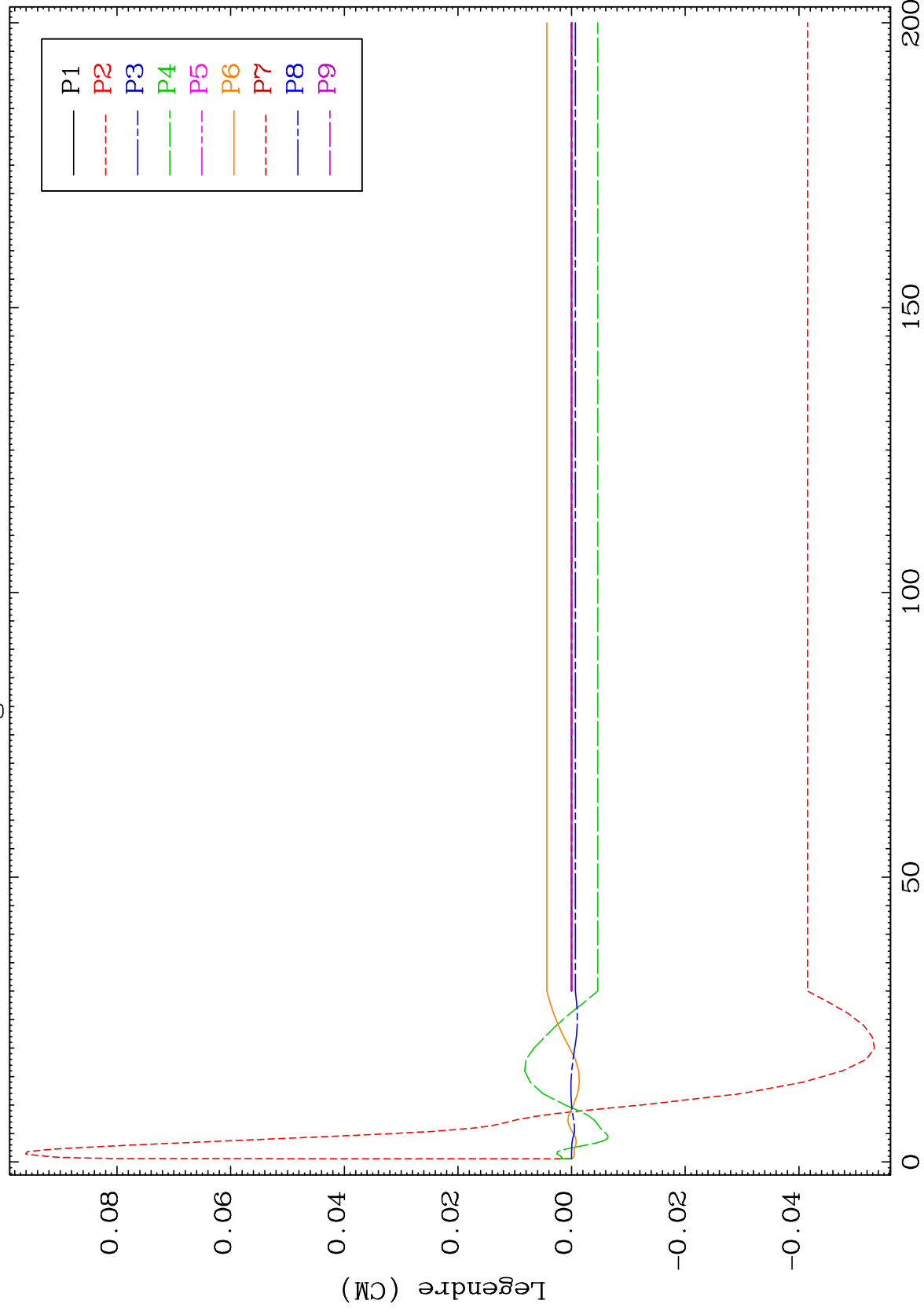
69-Tm-174



MAT 6940

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

69-Tm-174



98

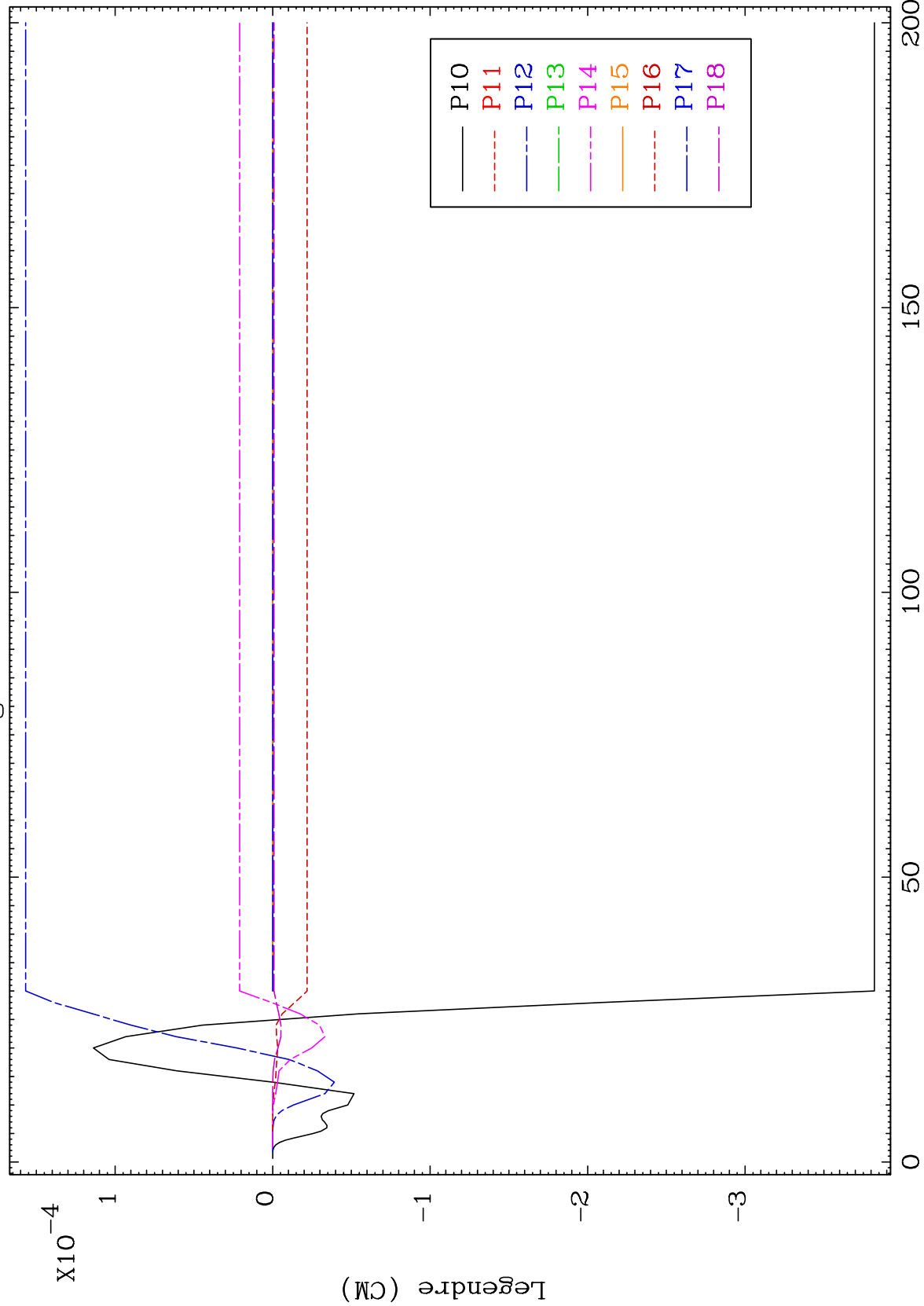
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

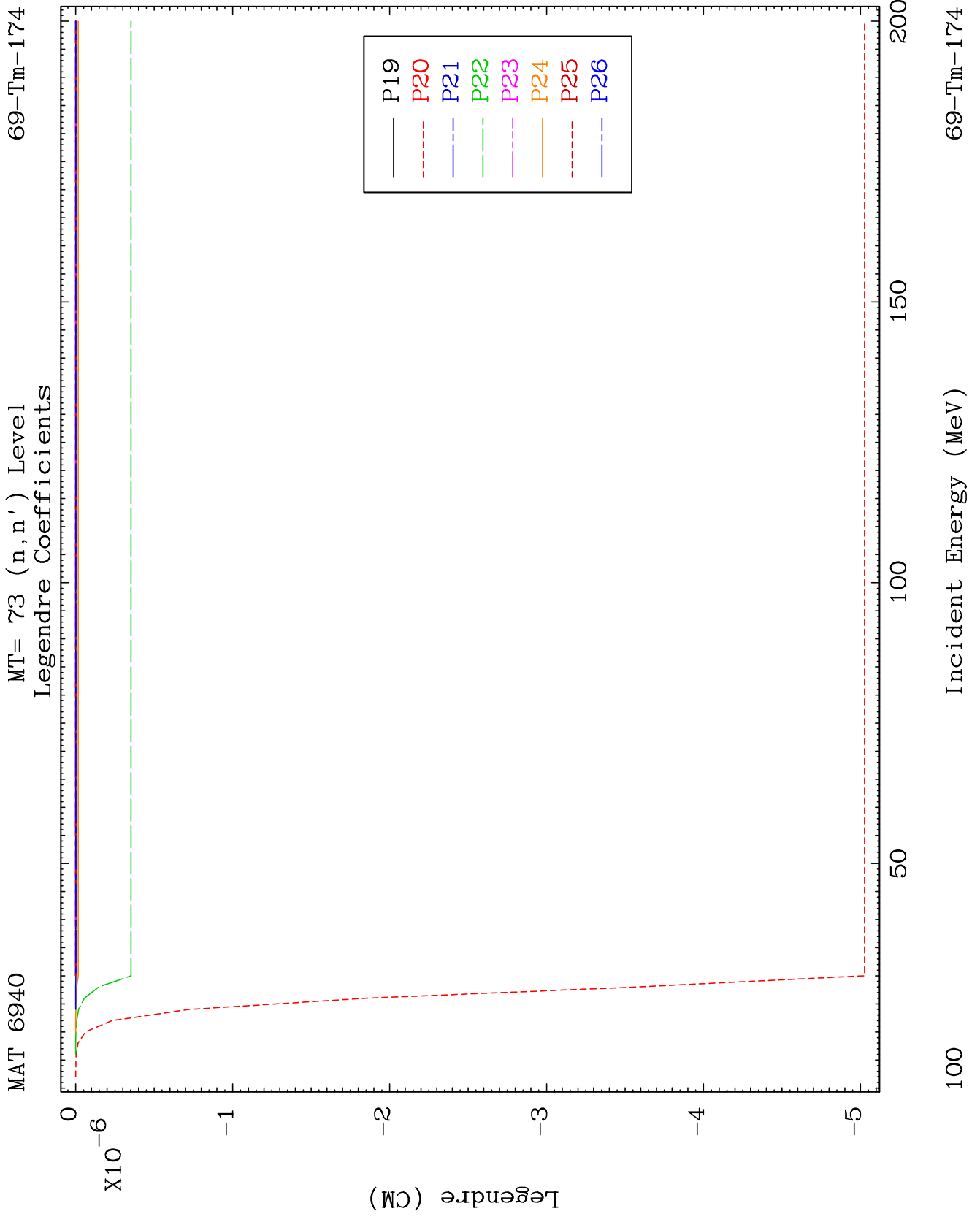
69-Tm-174



99

Incident Energy (MeV)

69-Tm-174

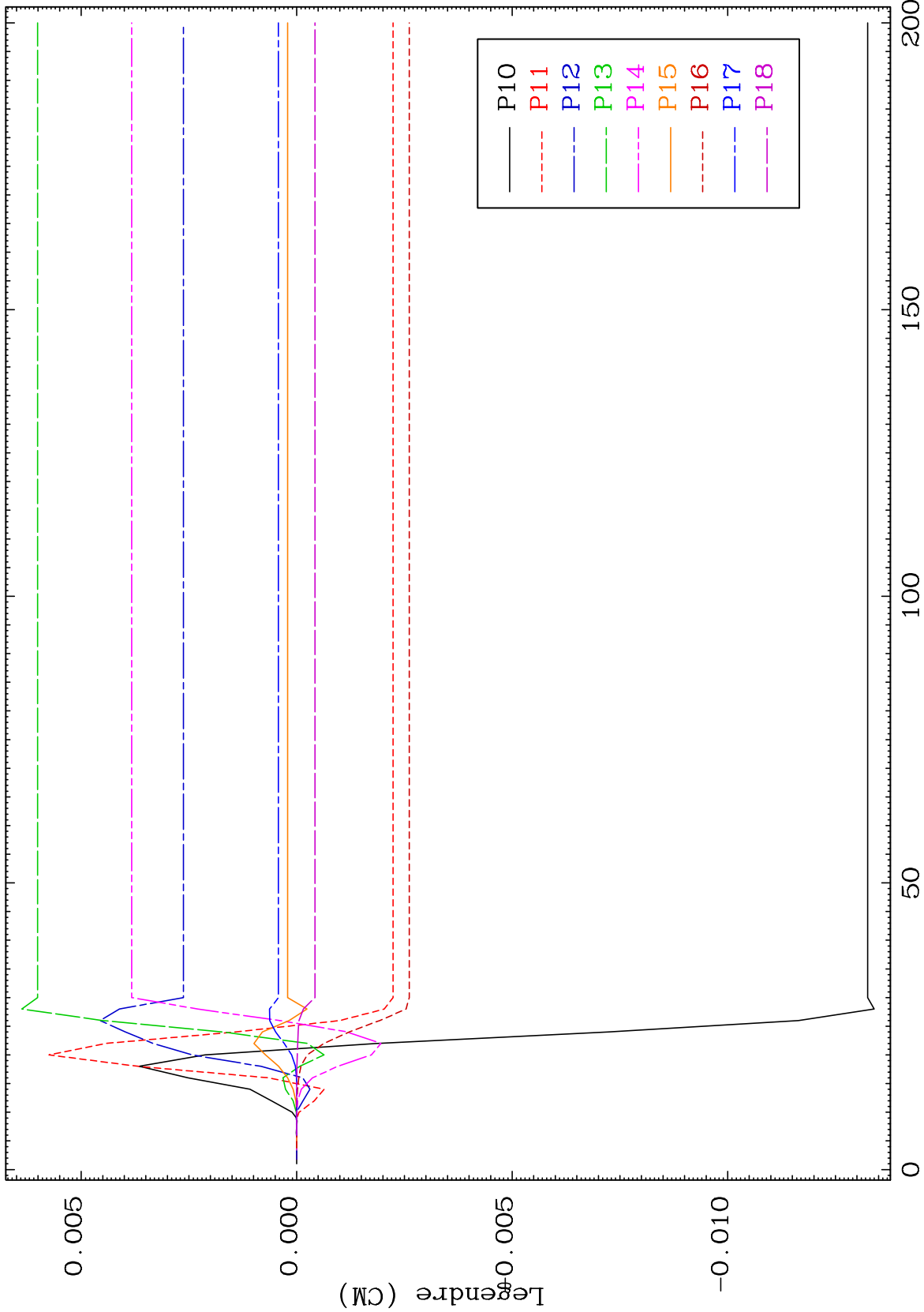


MAT 6940

MT= 74 (n,n') Level

69-Tm-174

Legendre Coefficients



102

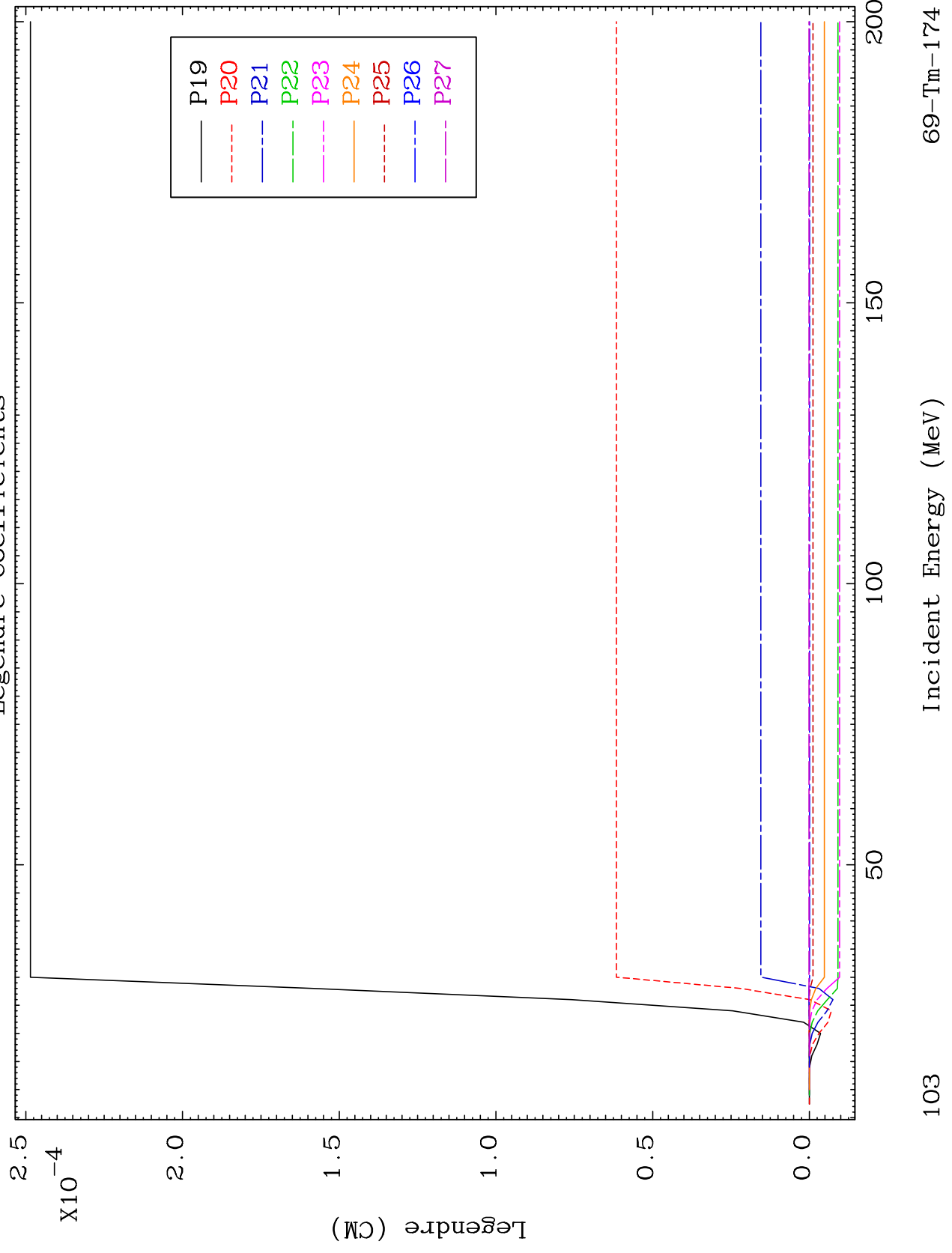
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

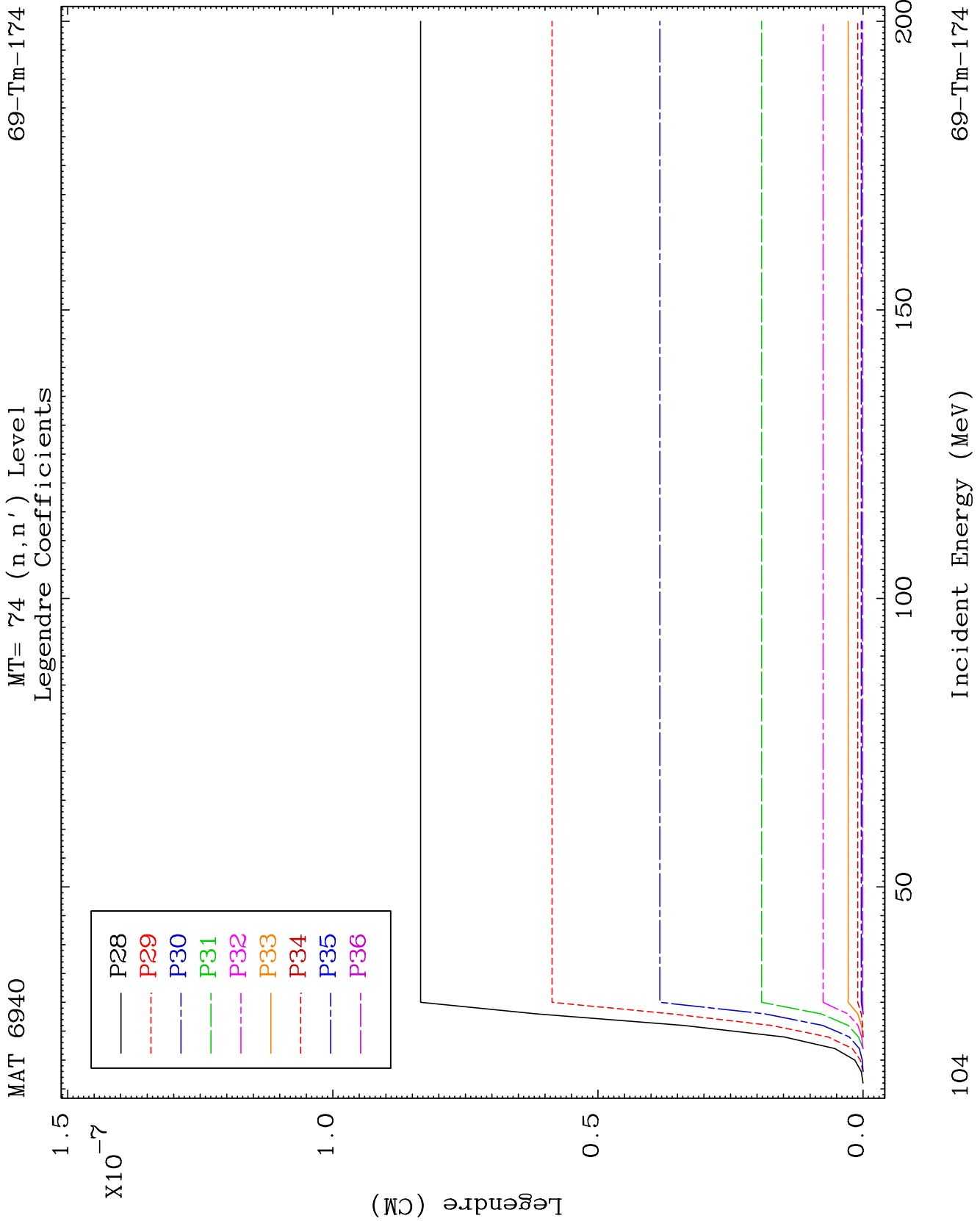
69-Tm-174



103

Incident Energy (MeV)

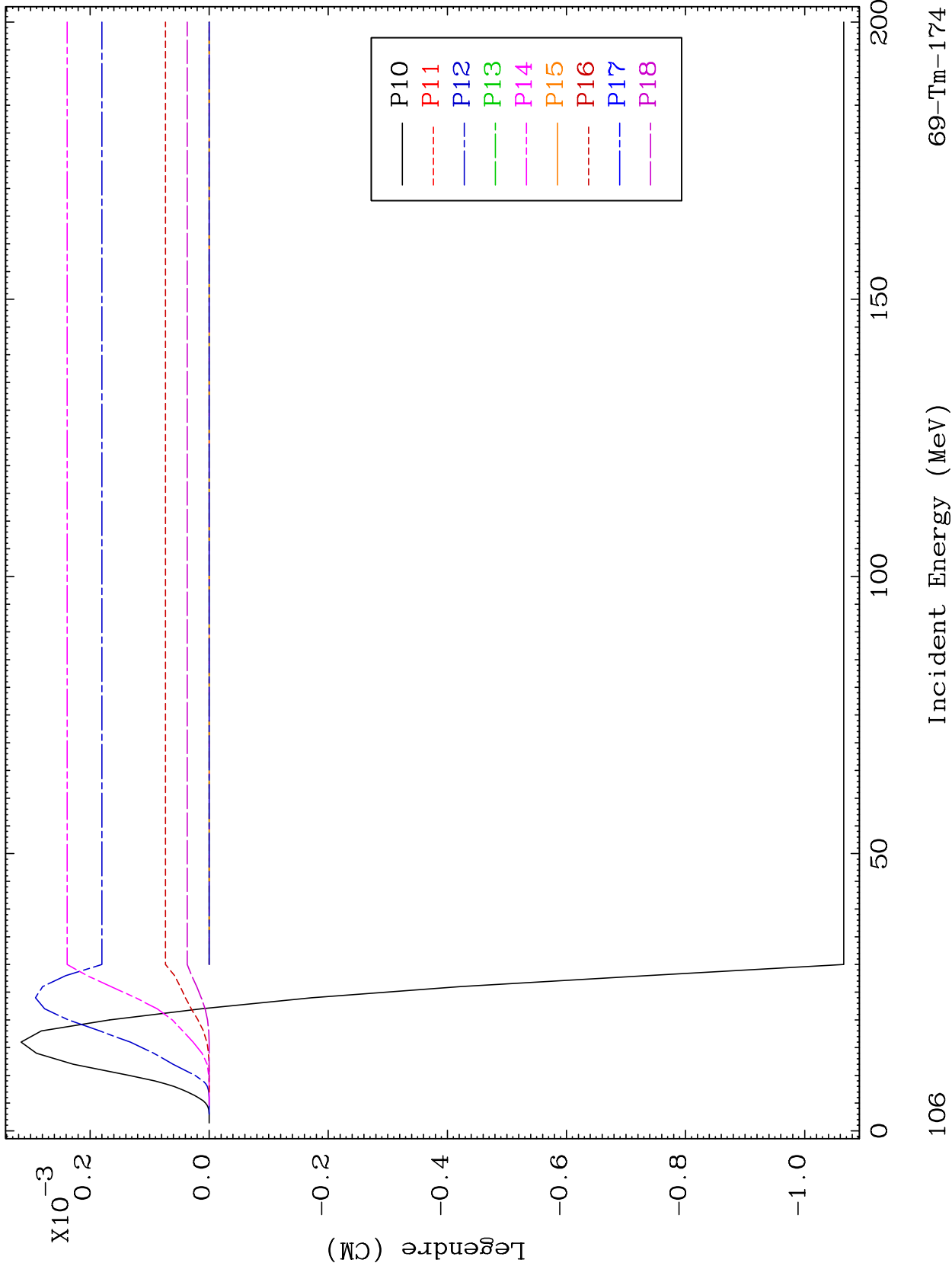
69-Tm-174



MAT 6940

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

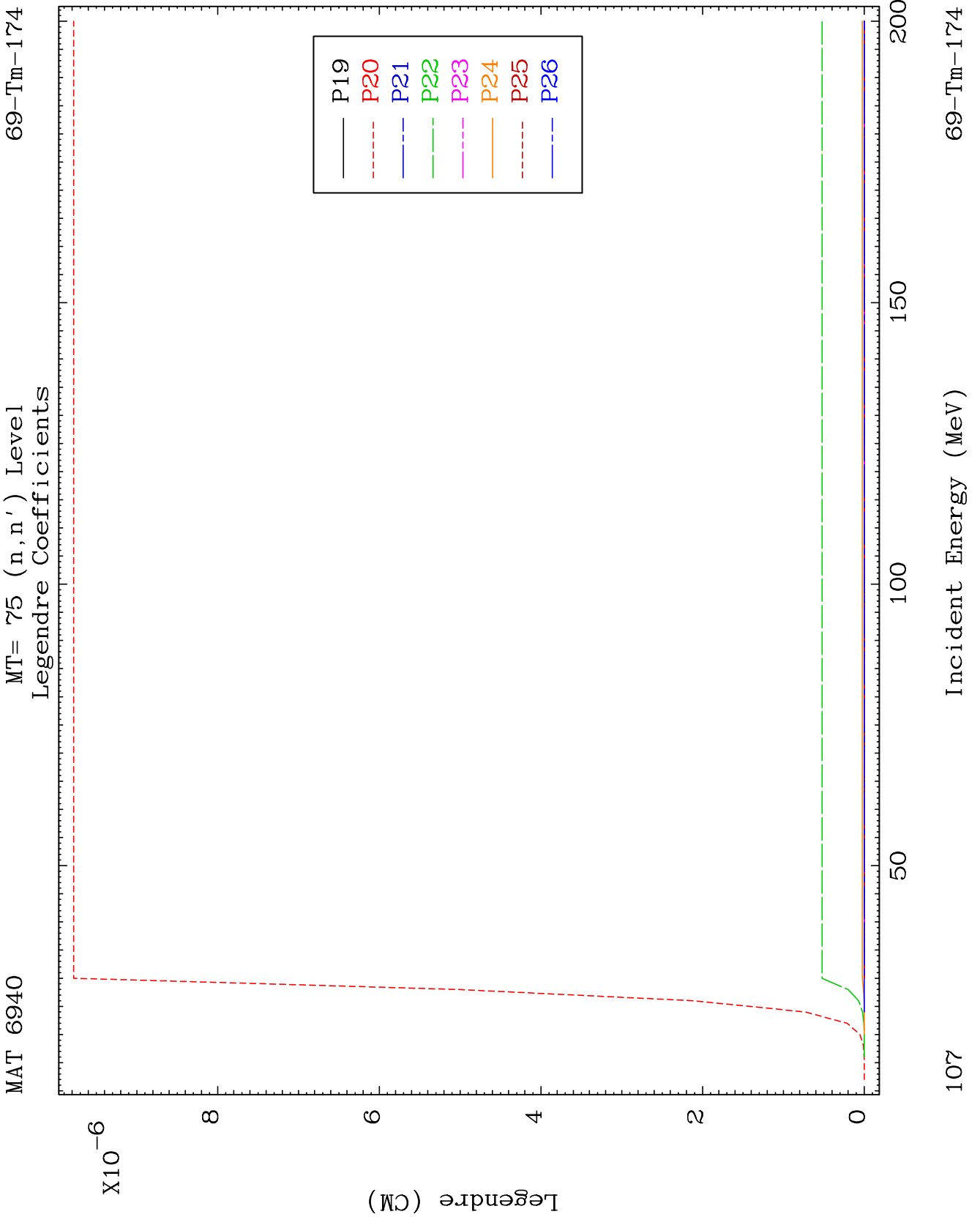
69-Tm-174



106

Incident Energy (MeV)

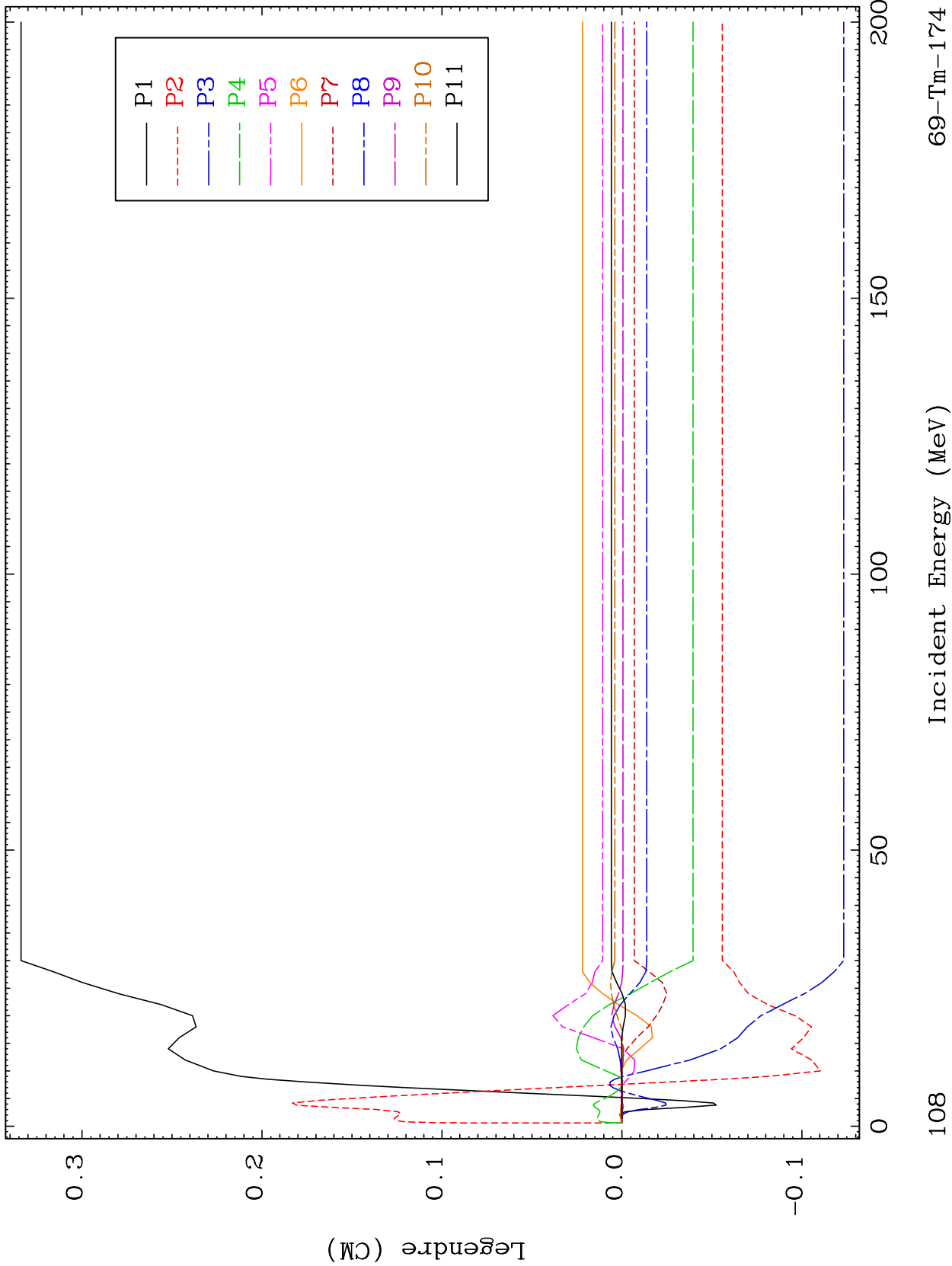
69-Tm-174



MAT 6940

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

69-Tm-174



69-Tm-174

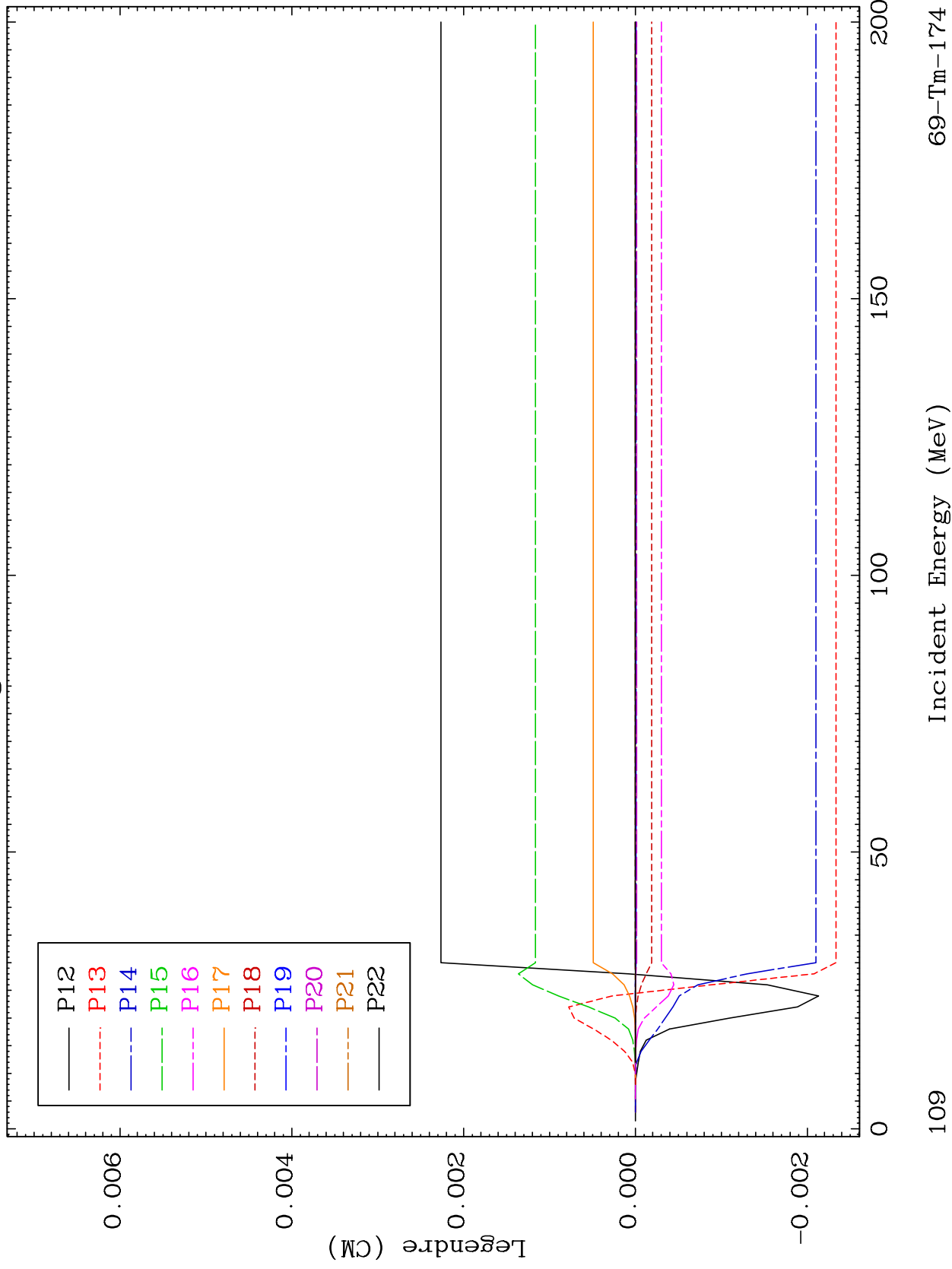
Incident Energy (MeV)

108

MAT 6940

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

69-Tm-174



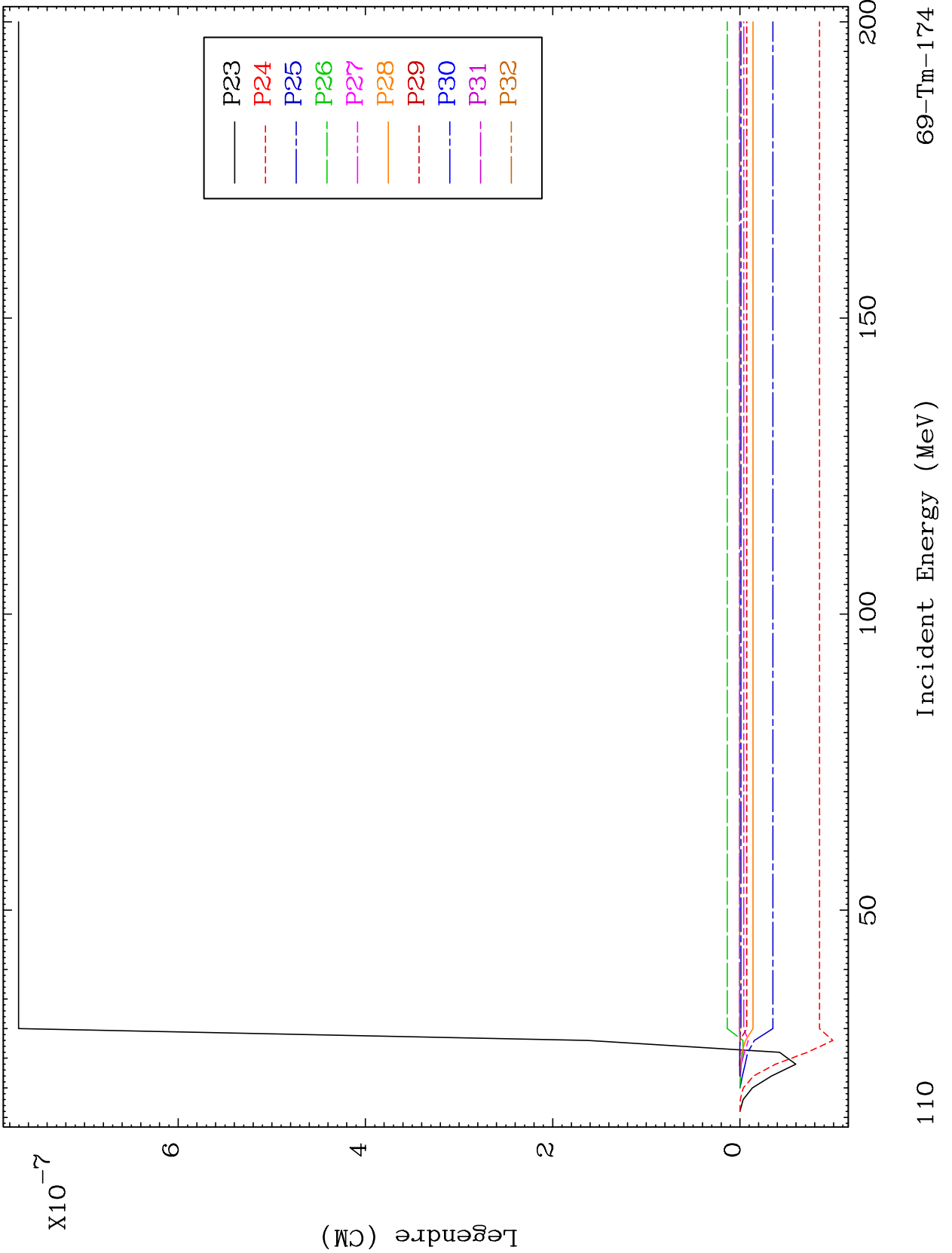
109

69-Tm-174

MAT 6940

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

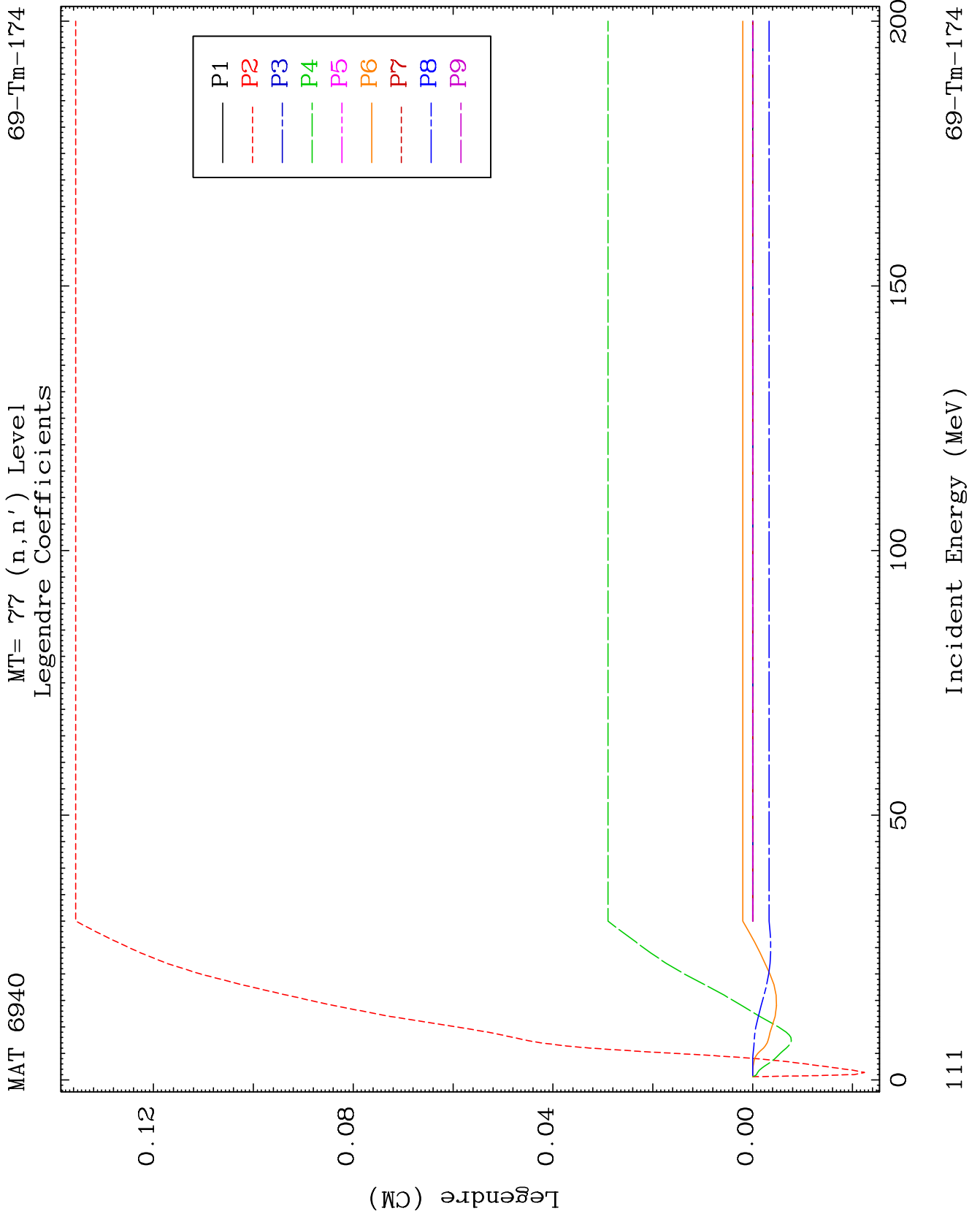
69-Tm-174



110

Incident Energy (MeV)

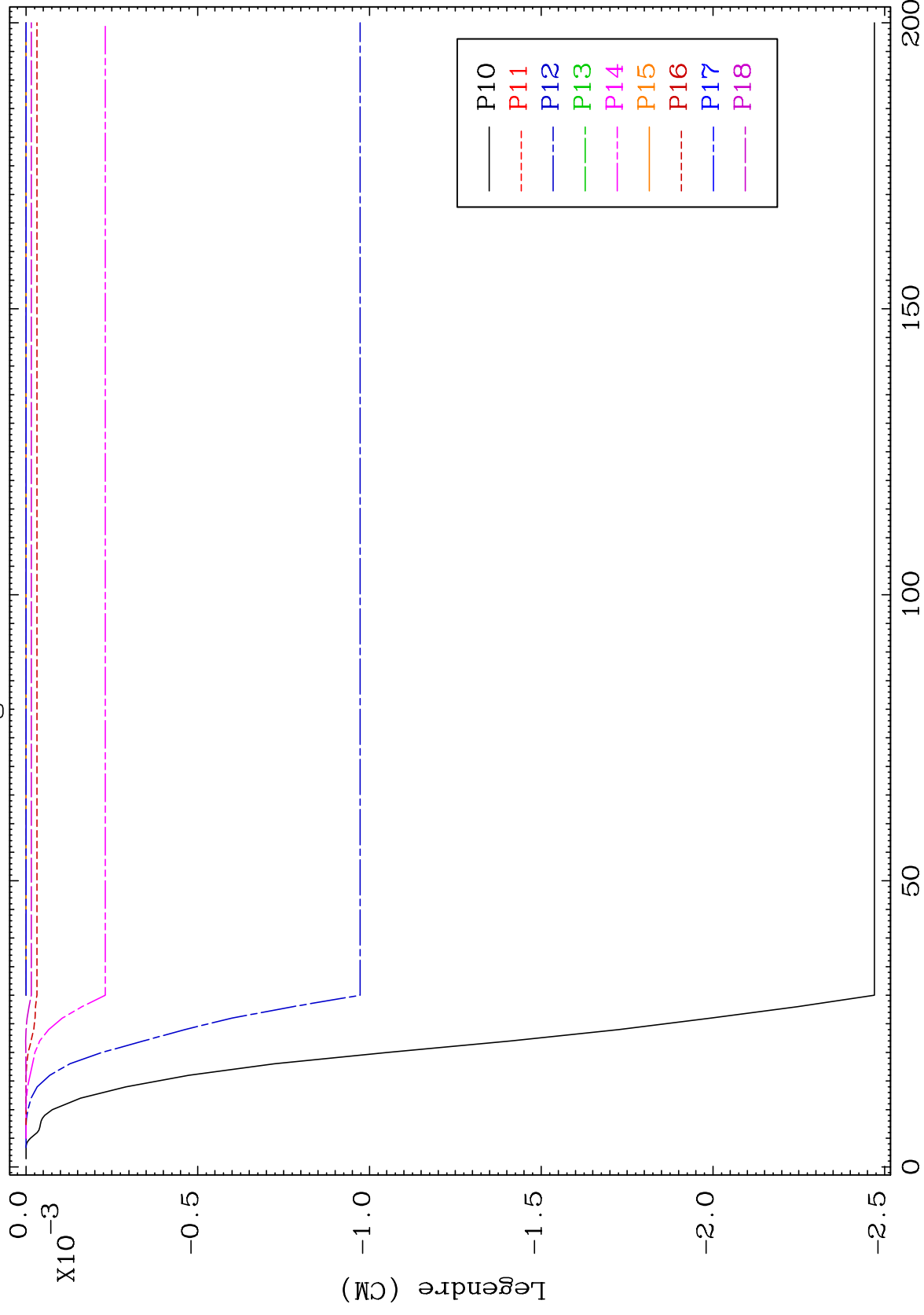
69-Tm-174



MAT 6940

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

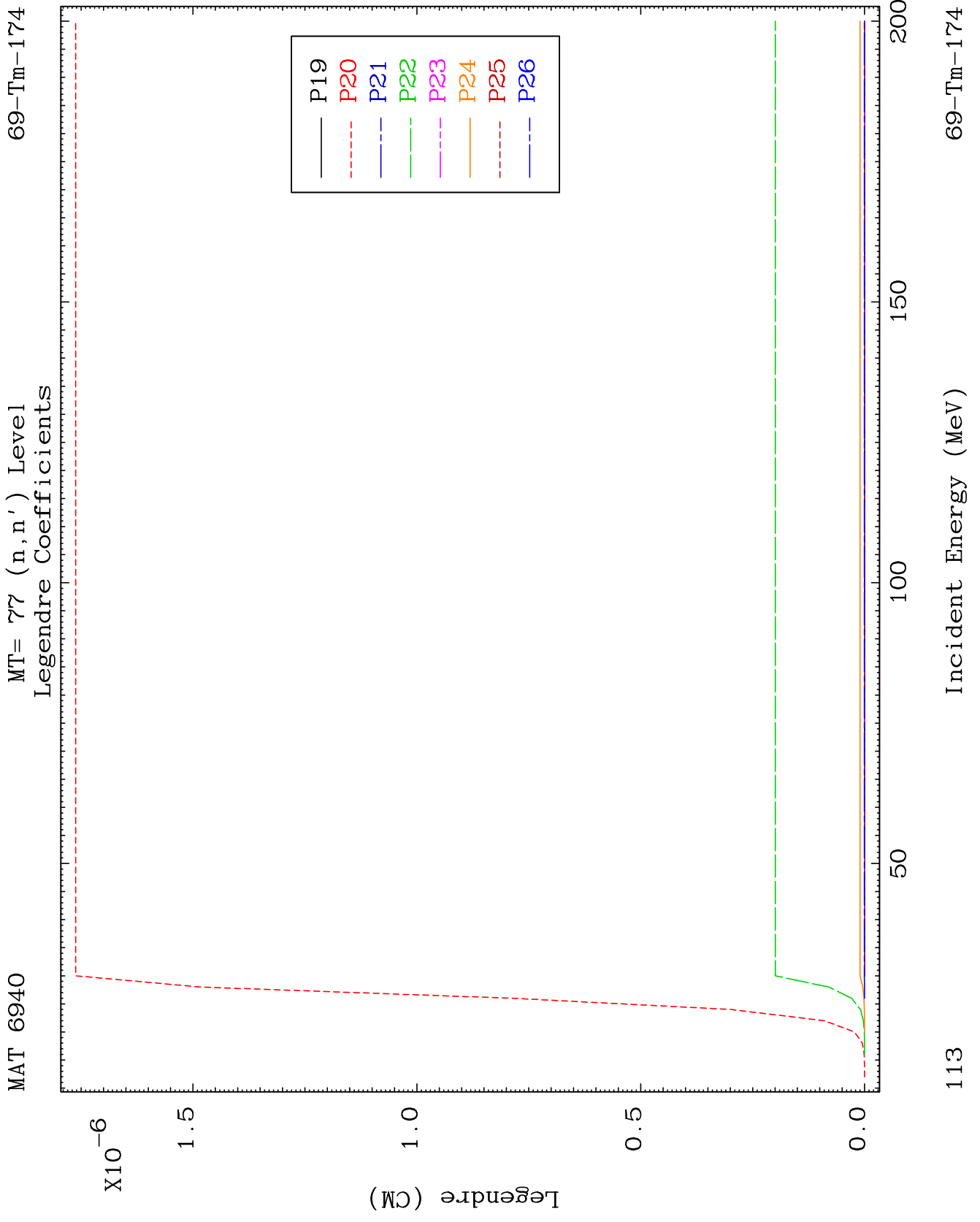
69-Tm-174



112

Incident Energy (MeV)

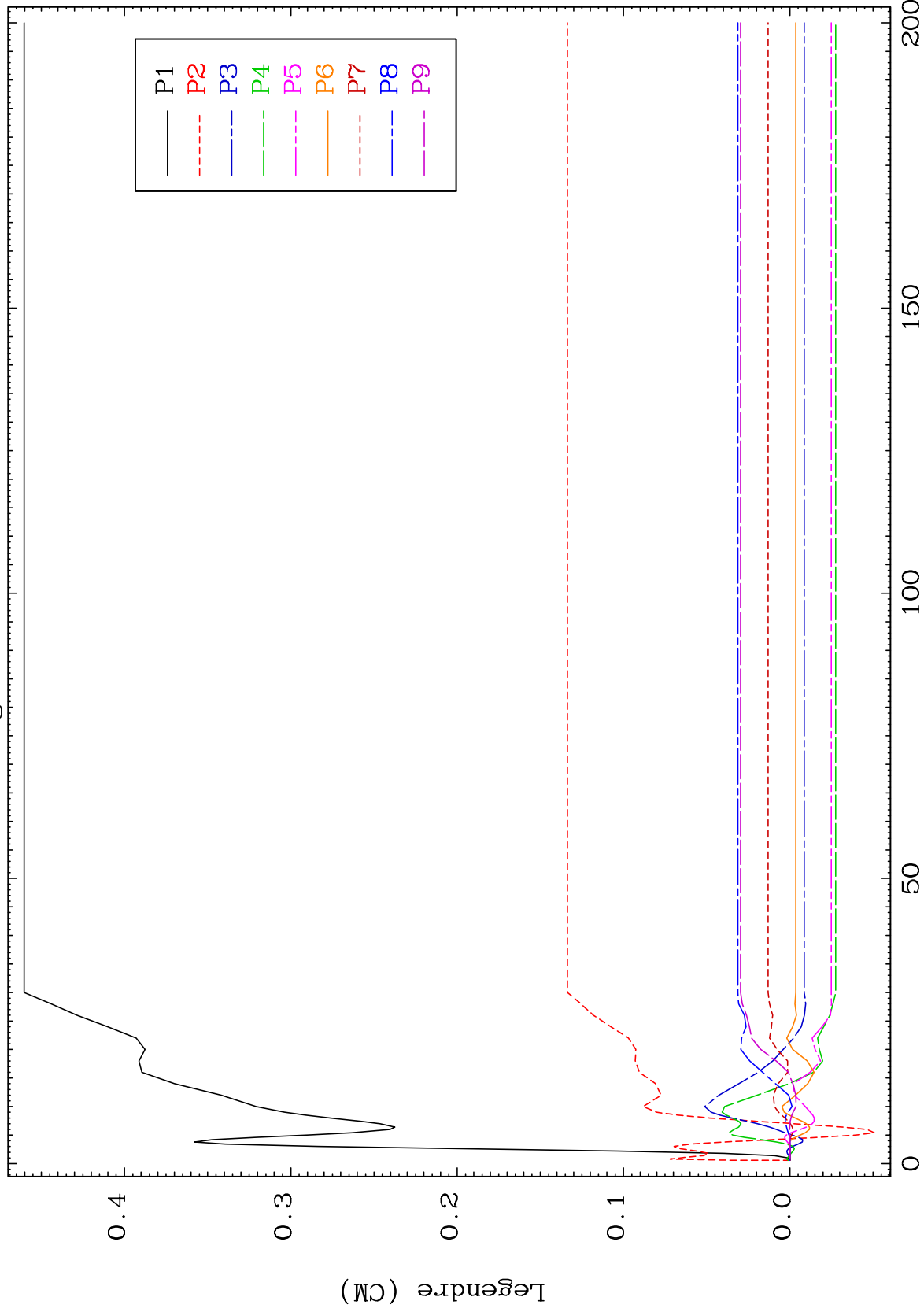
69-Tm-174



MAT 6940

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

69-Tm-174



114

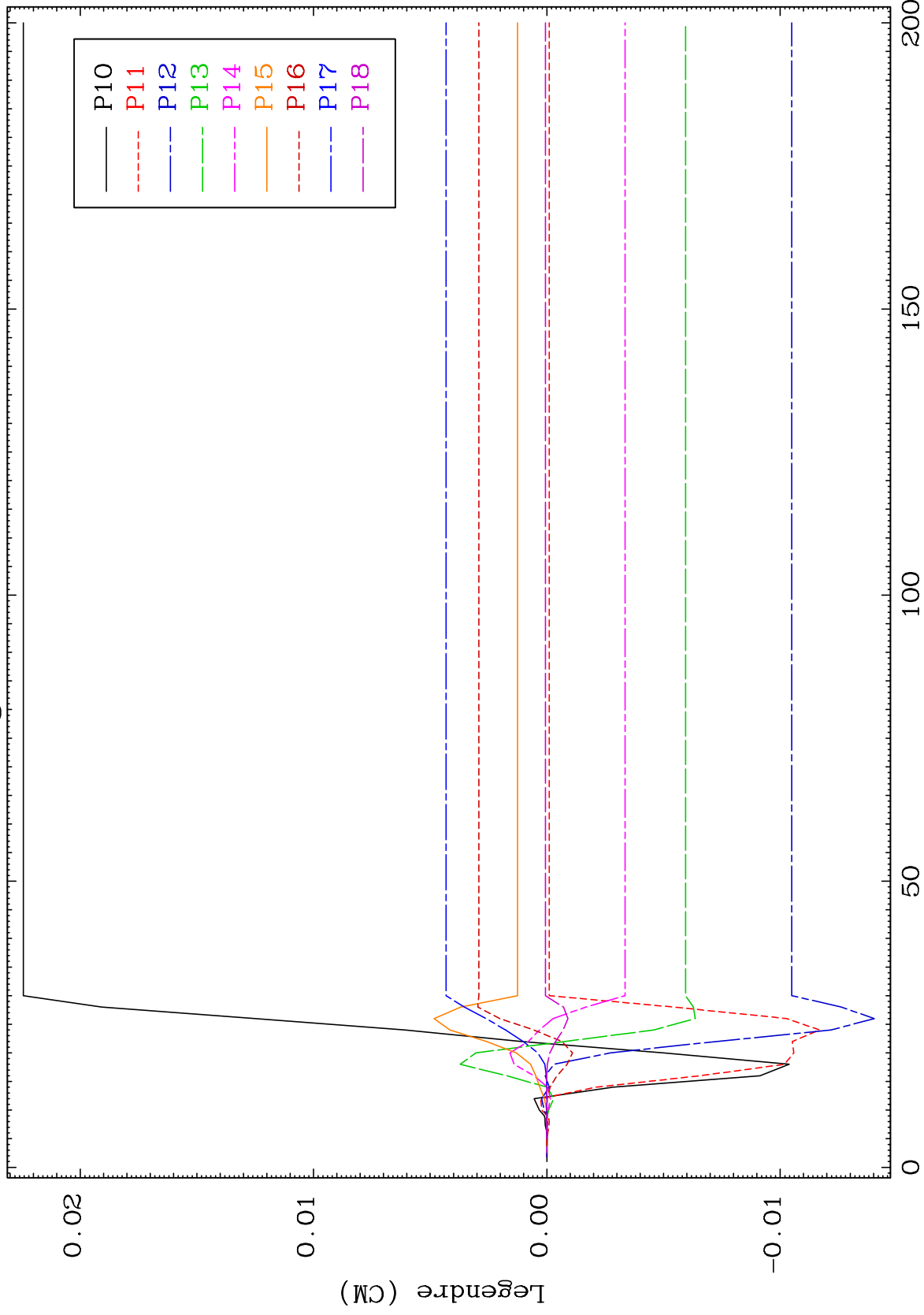
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



115

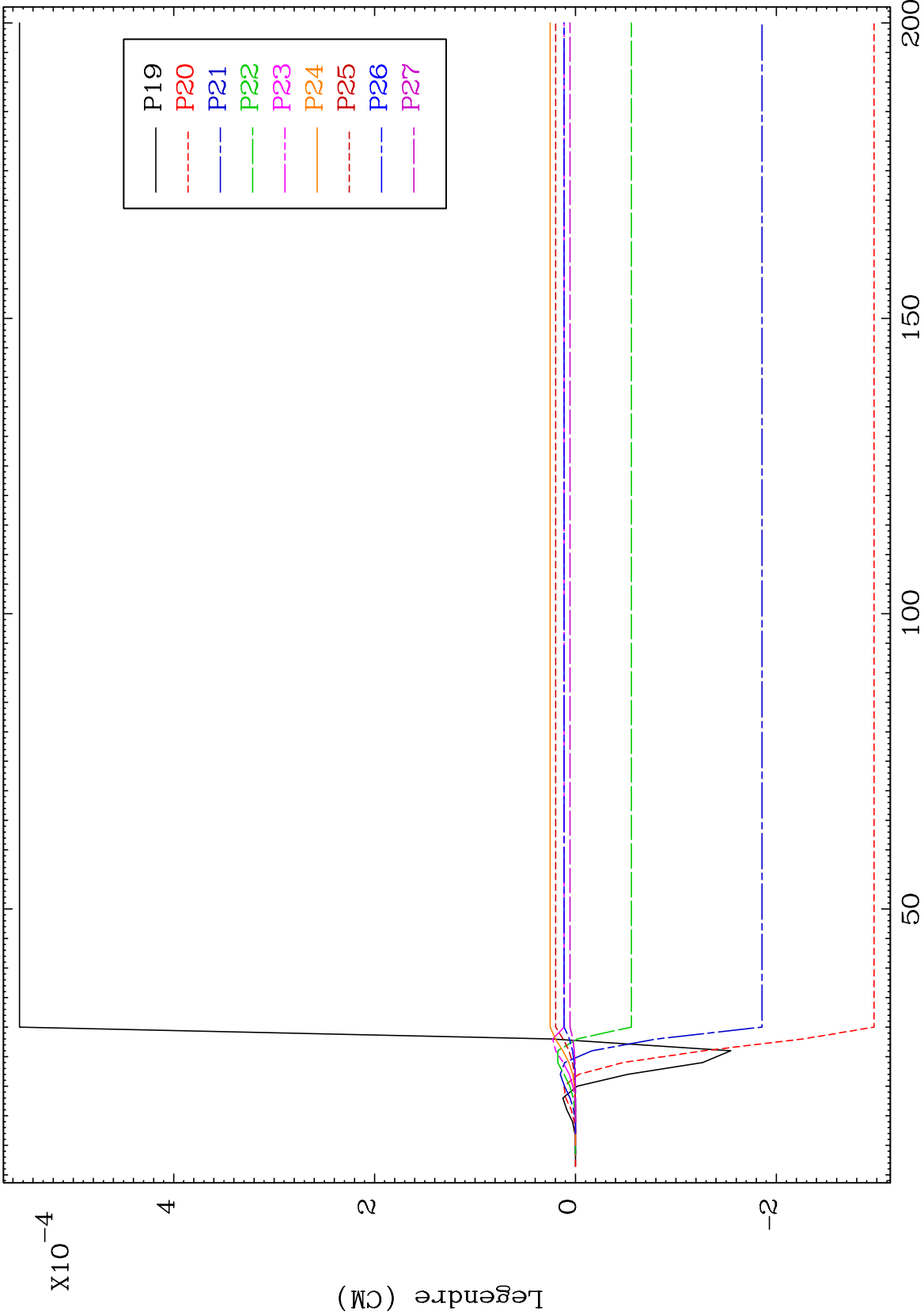
Incident Energy (MeV)

69-Tm-174

MAT 6940

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

69-Tm-174



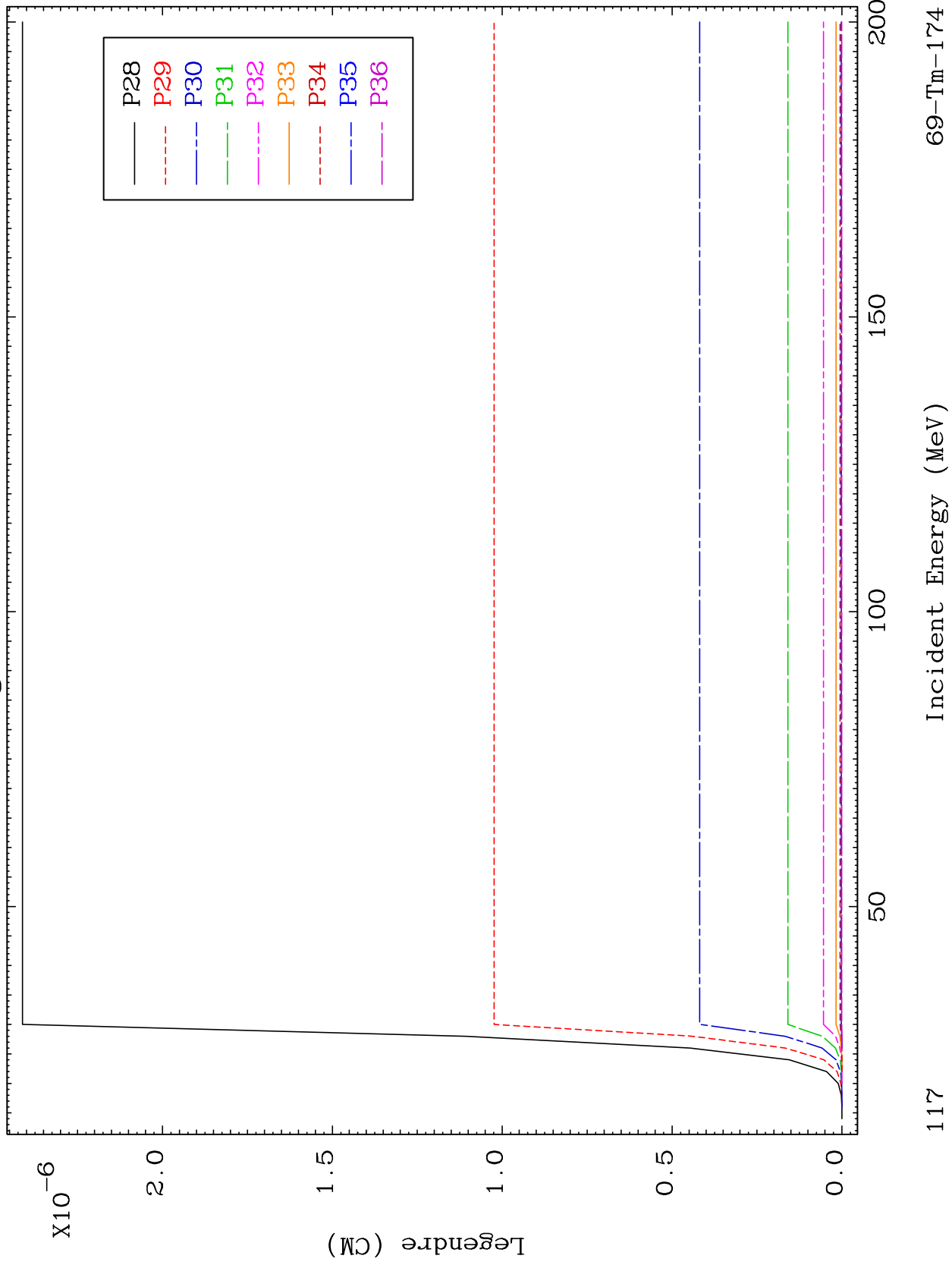
116

69-Tm-174

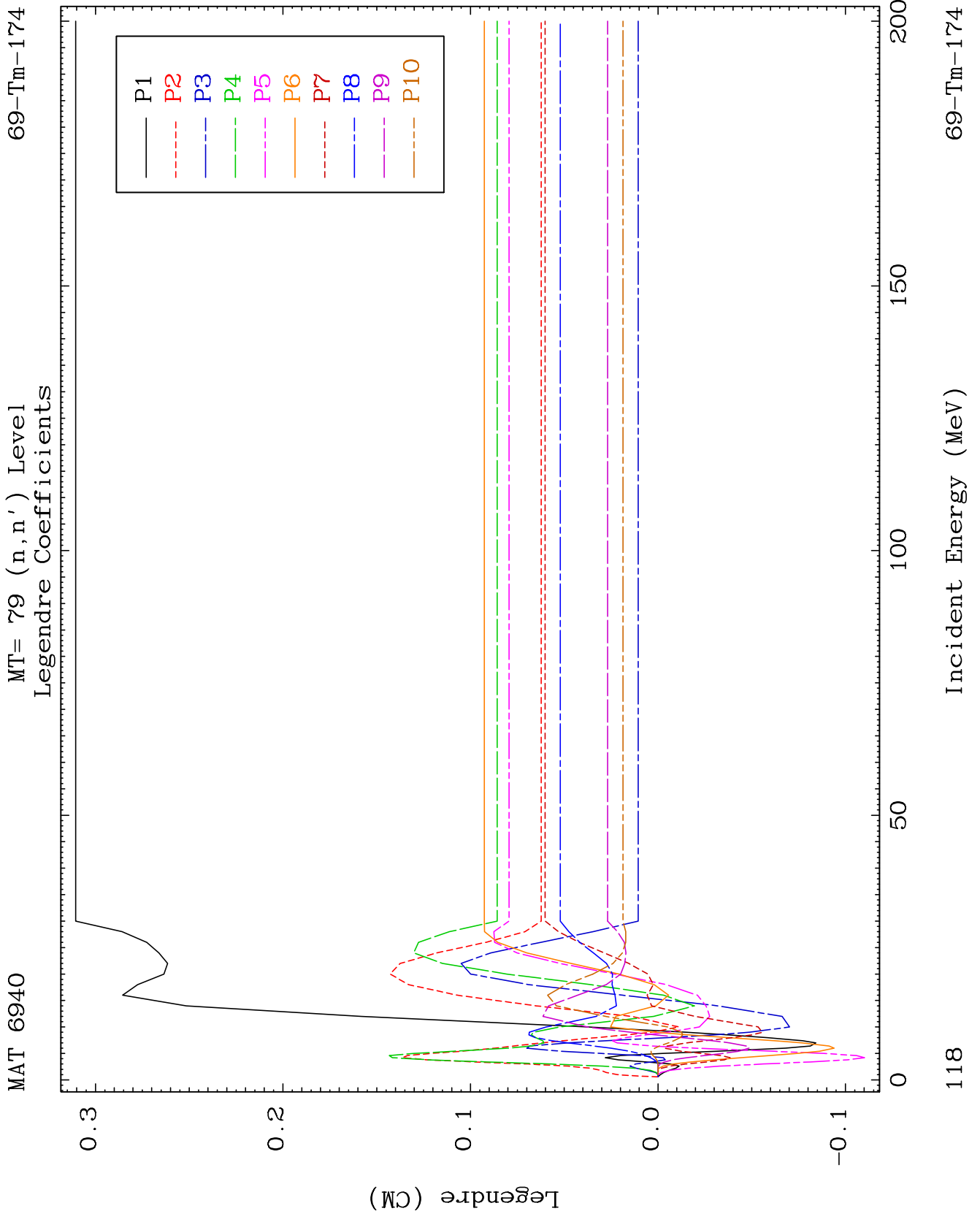
MAT 6940

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

69-Tm-174



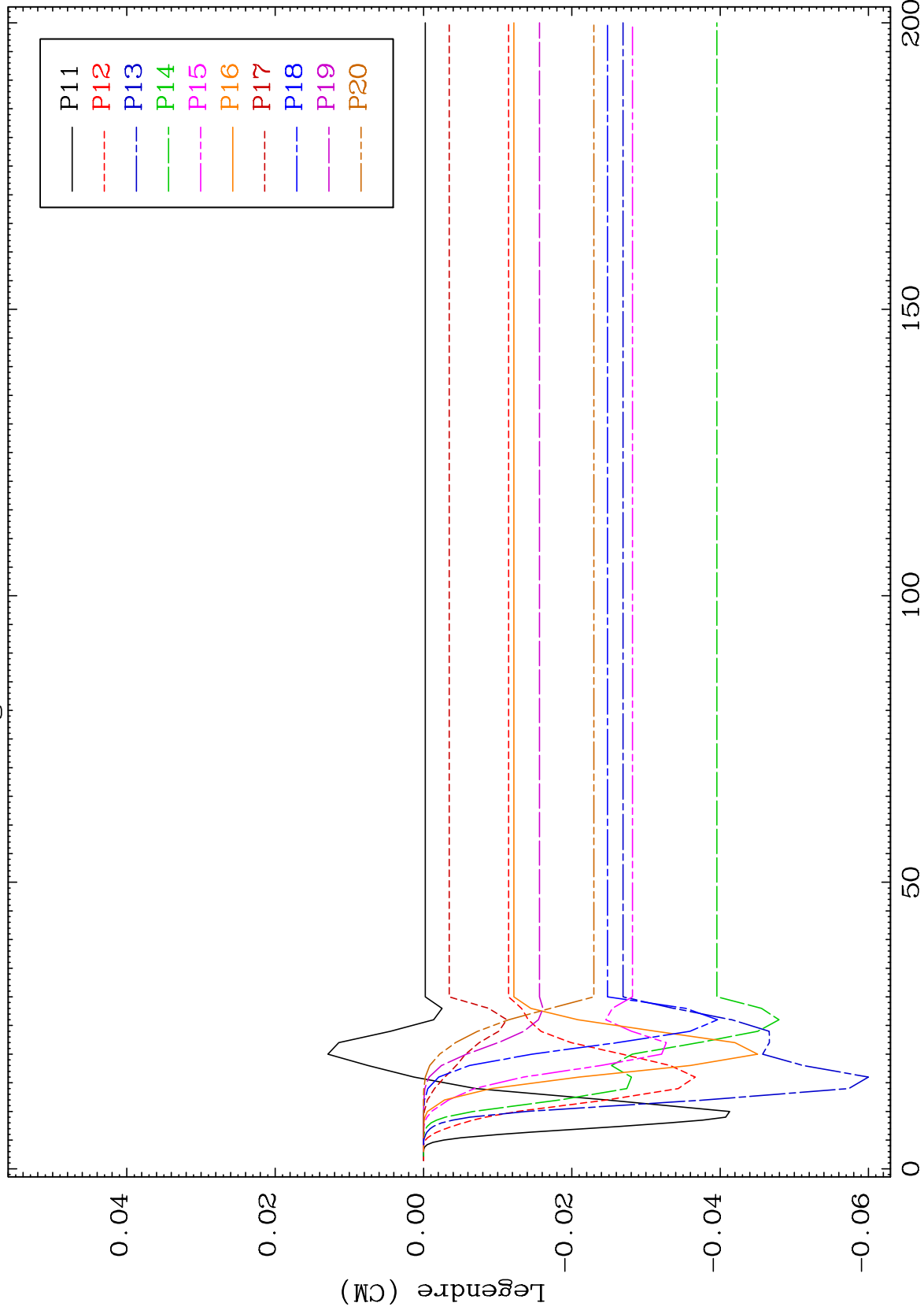
117



MAT 6940

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

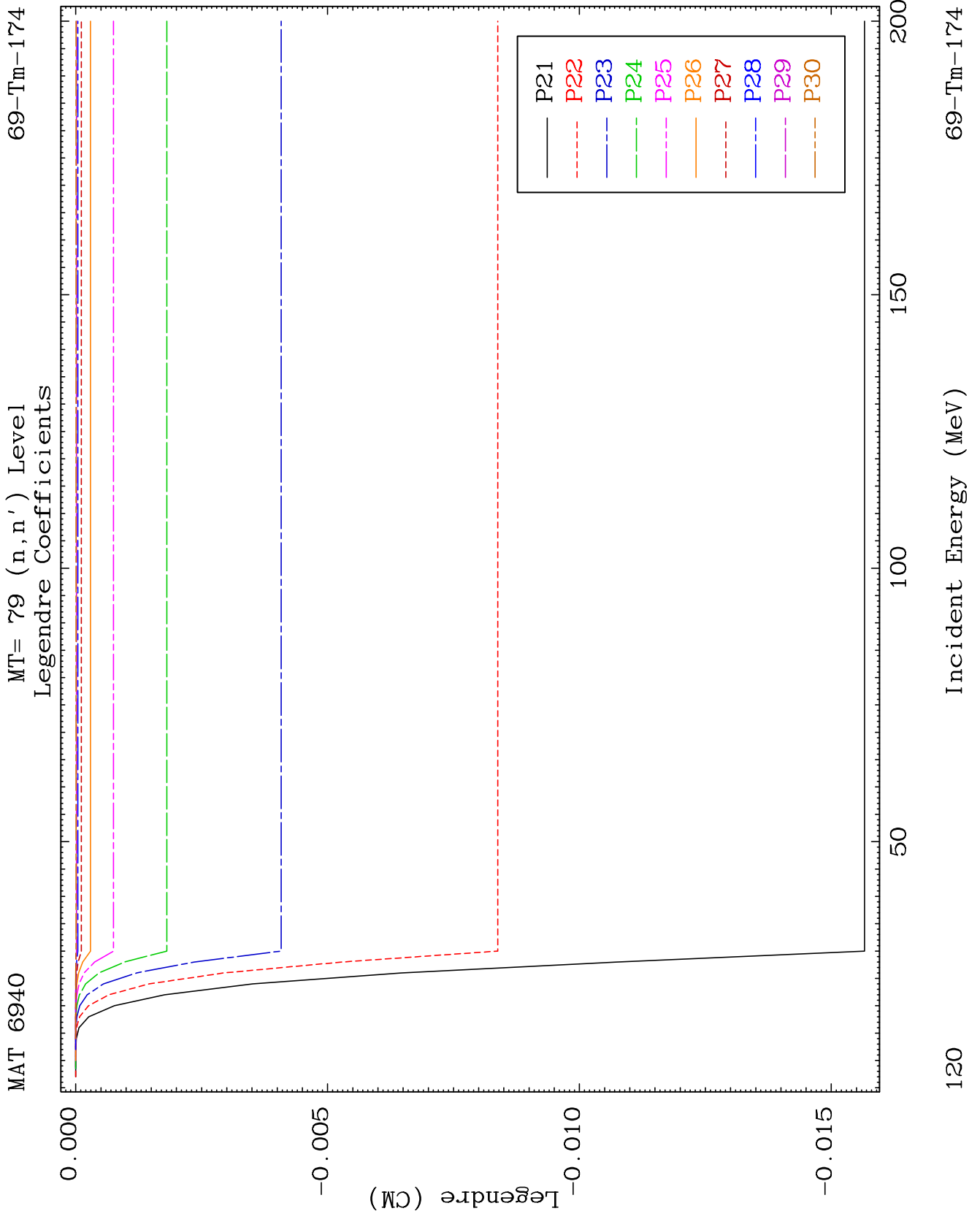
69-Tm-174

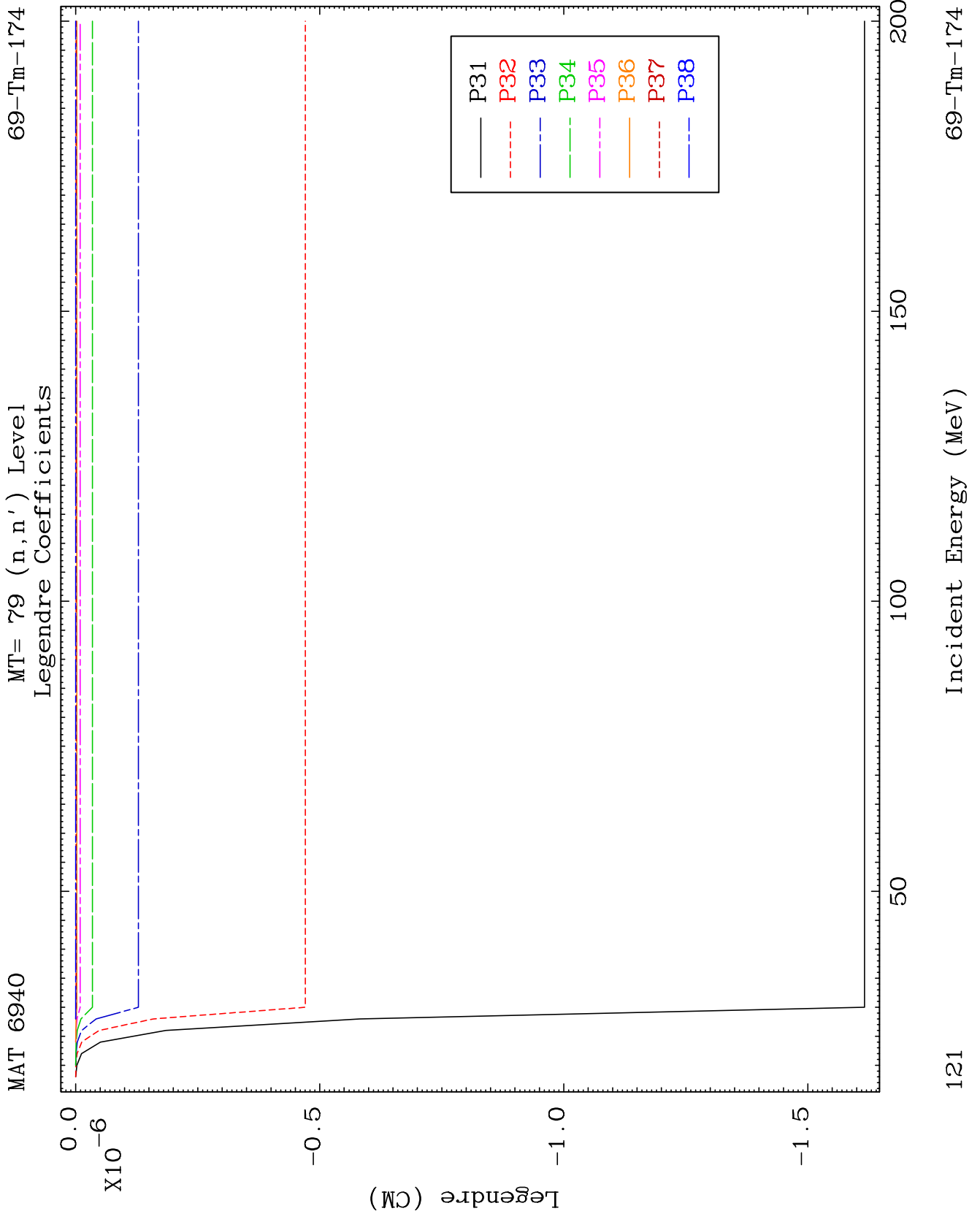


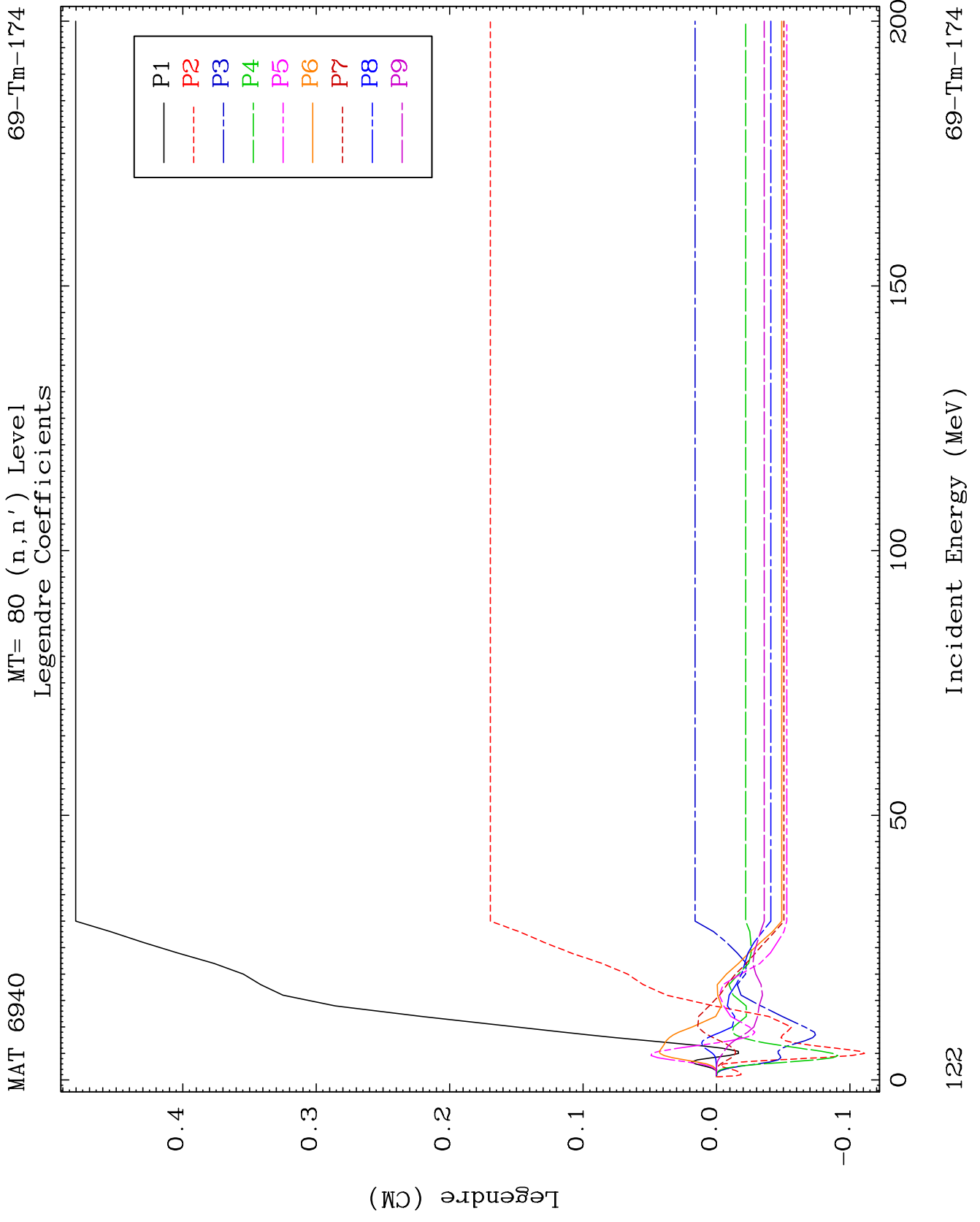
119

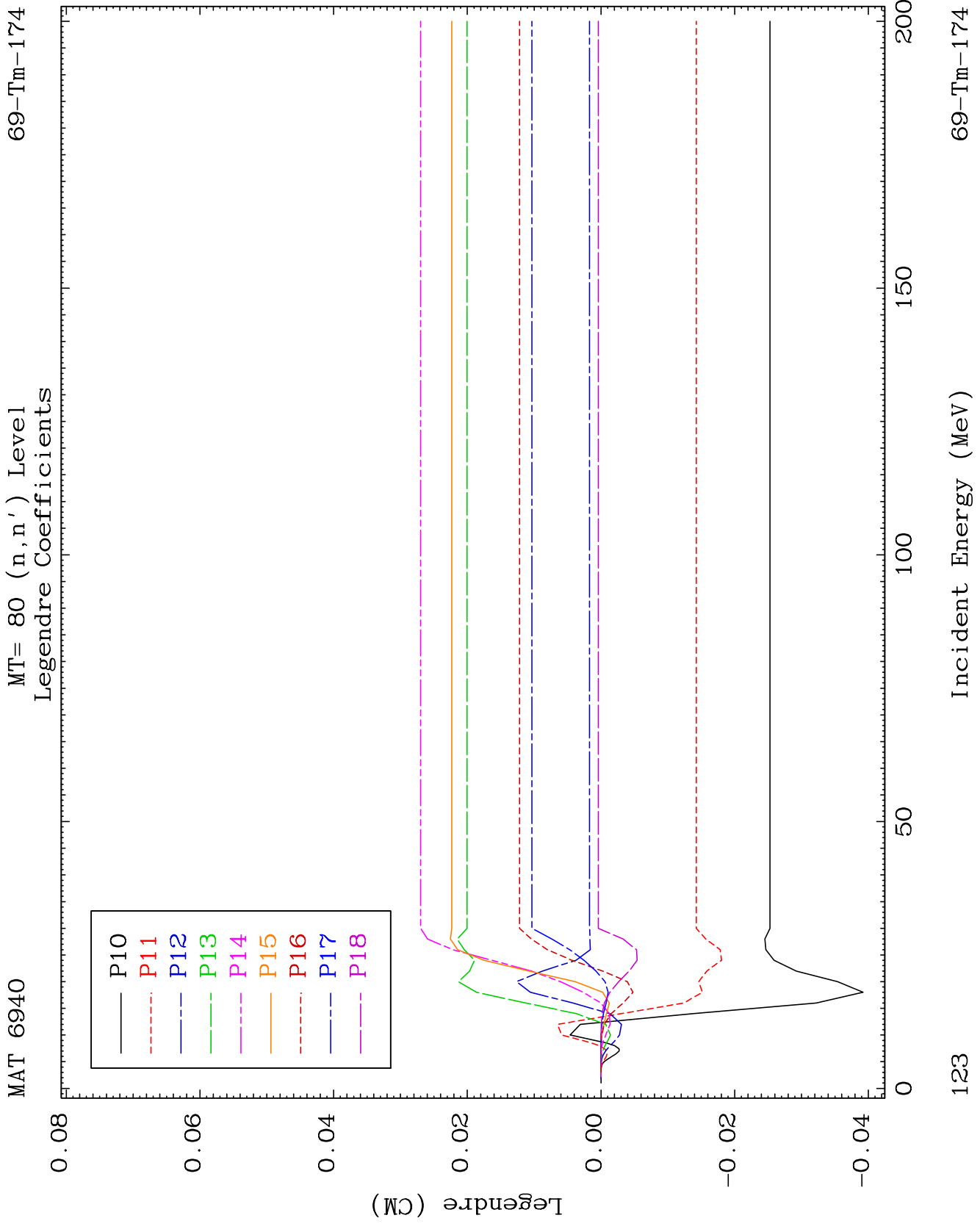
Incident Energy (MeV)

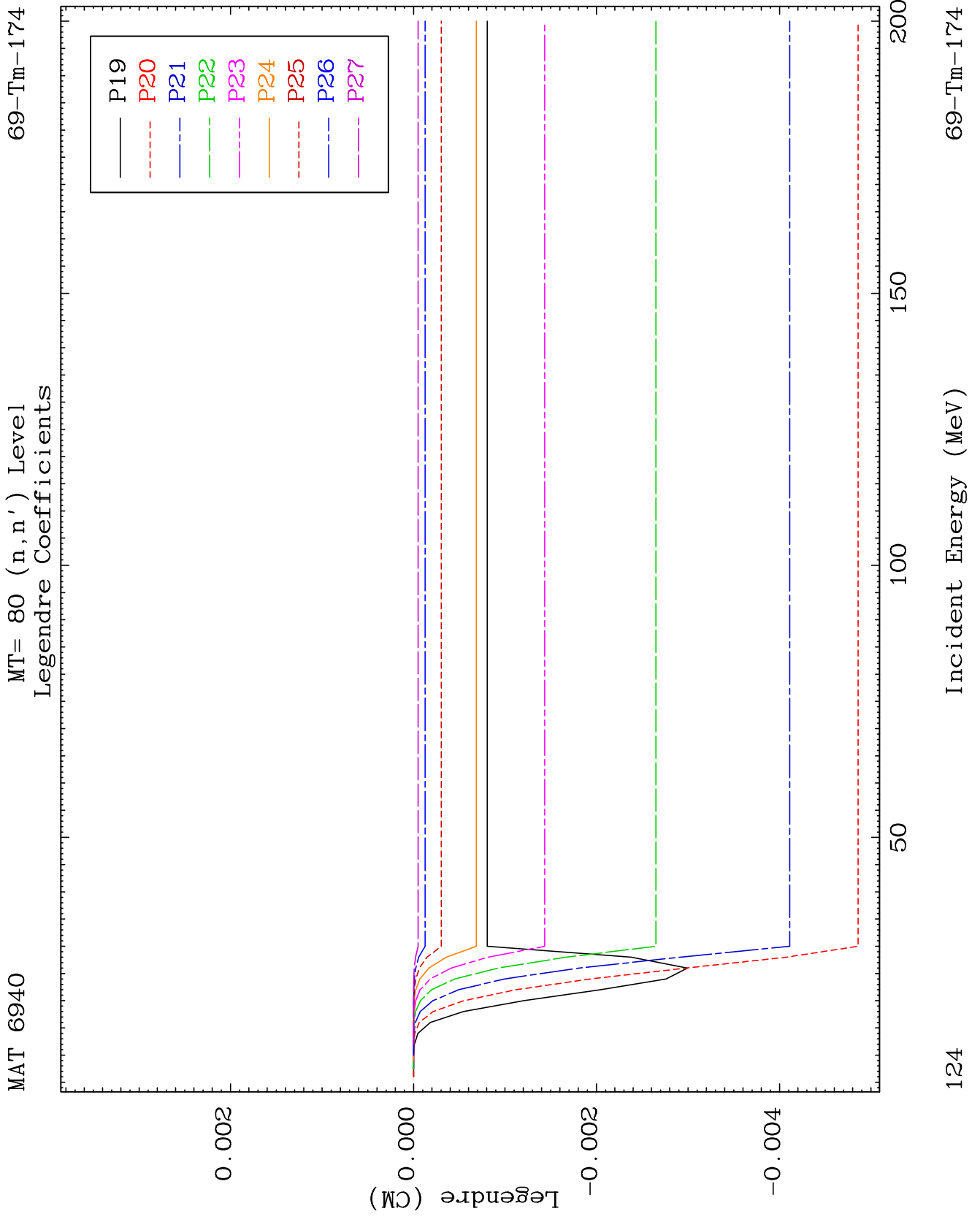
69-Tm-174

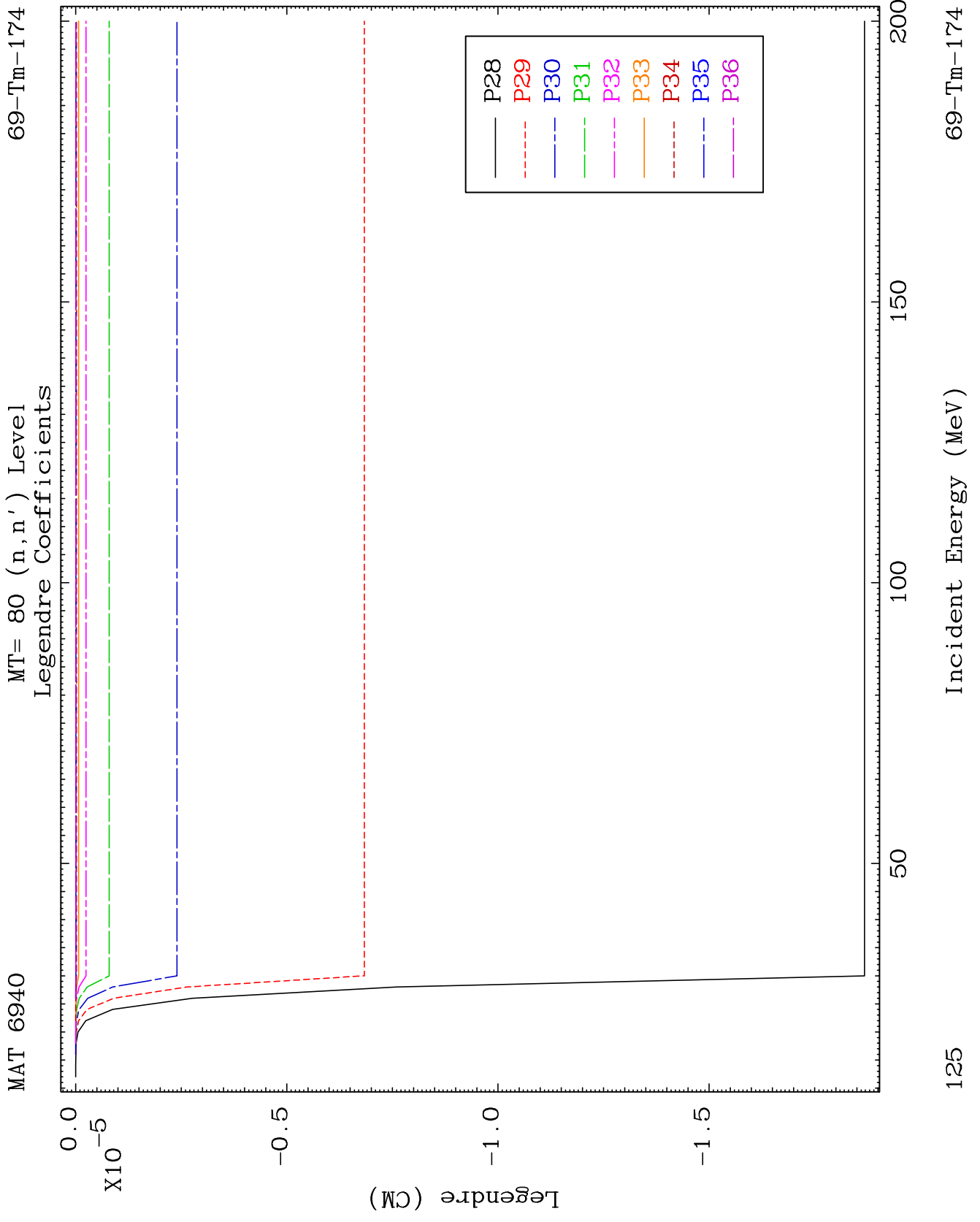








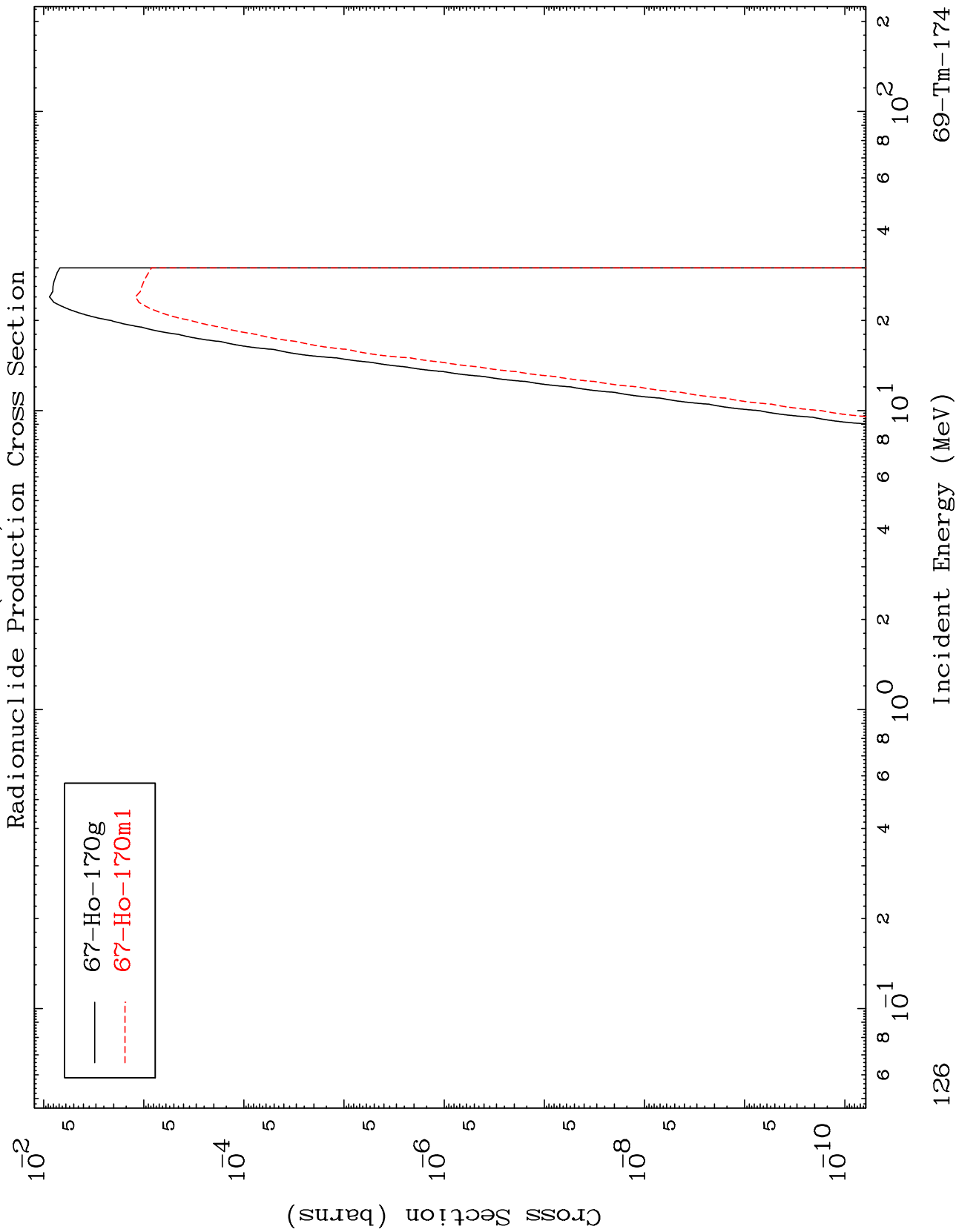




MAT 6940

$(n, n') \alpha$

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

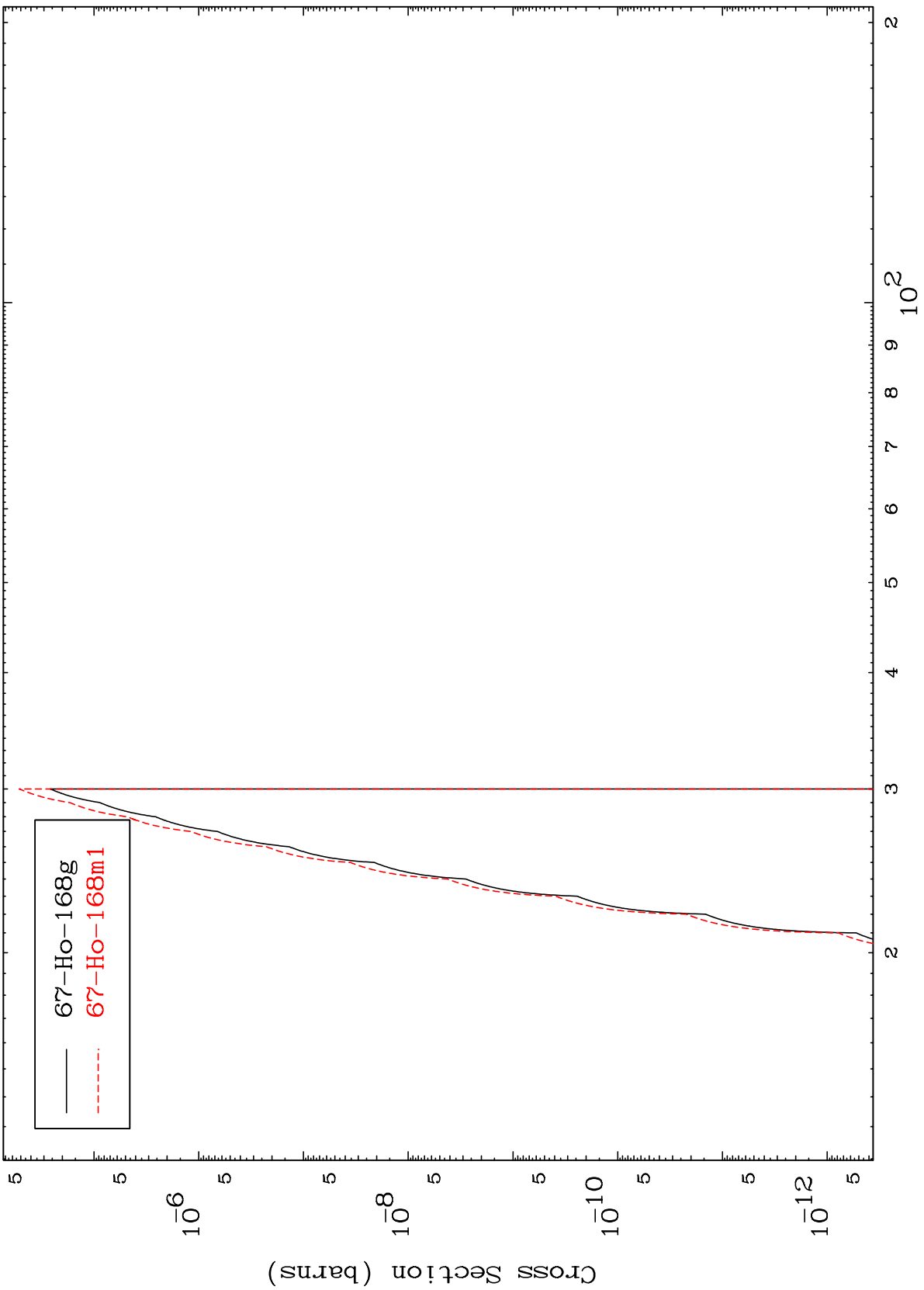


MAT 6940

(n,3n) α

69-Tm-174

Radionuclide Production Cross Section



67-Ho-168g
67-Ho-168m1

127

Incident Energy (MeV)

69-Tm-174