

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

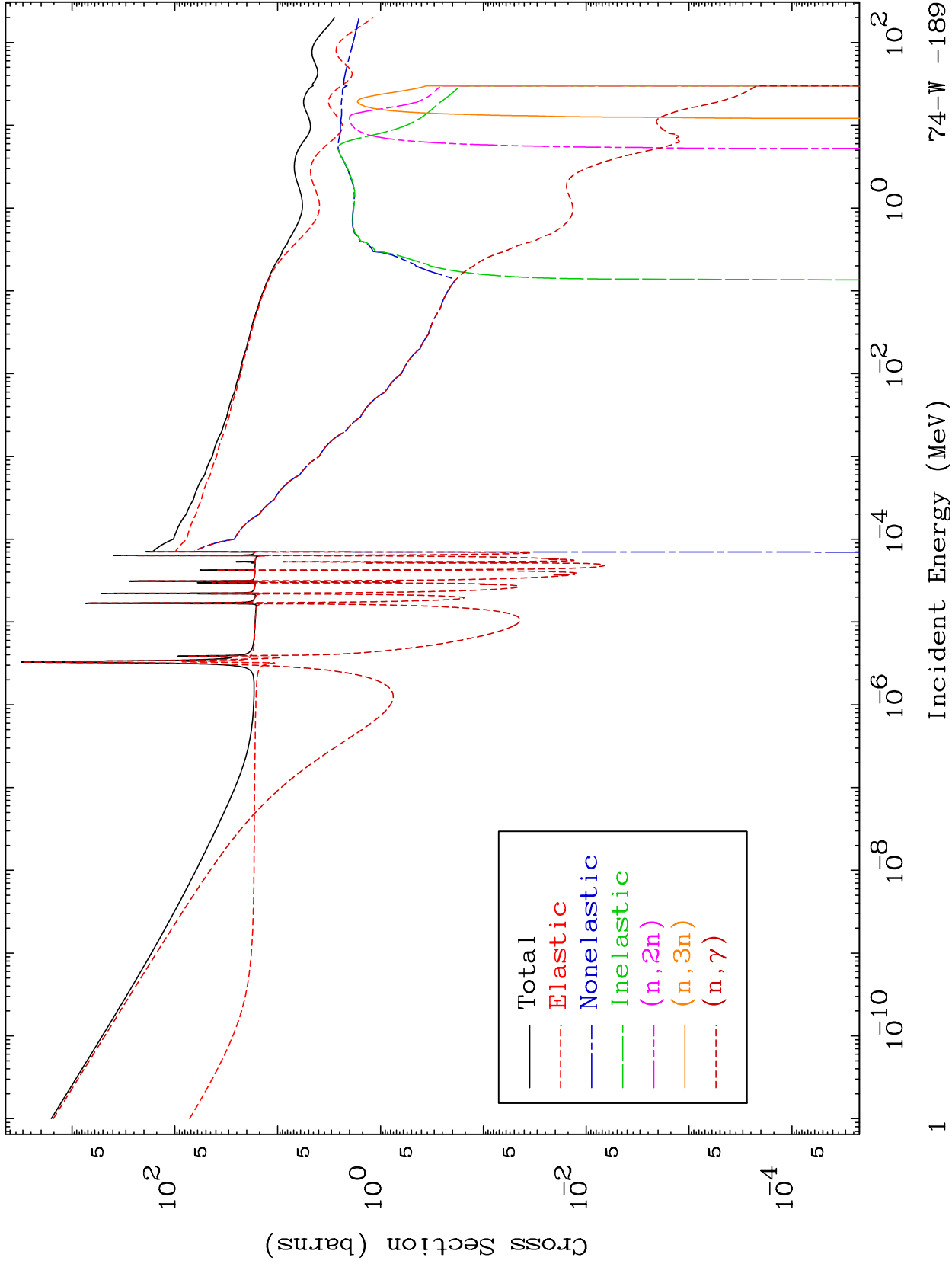
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

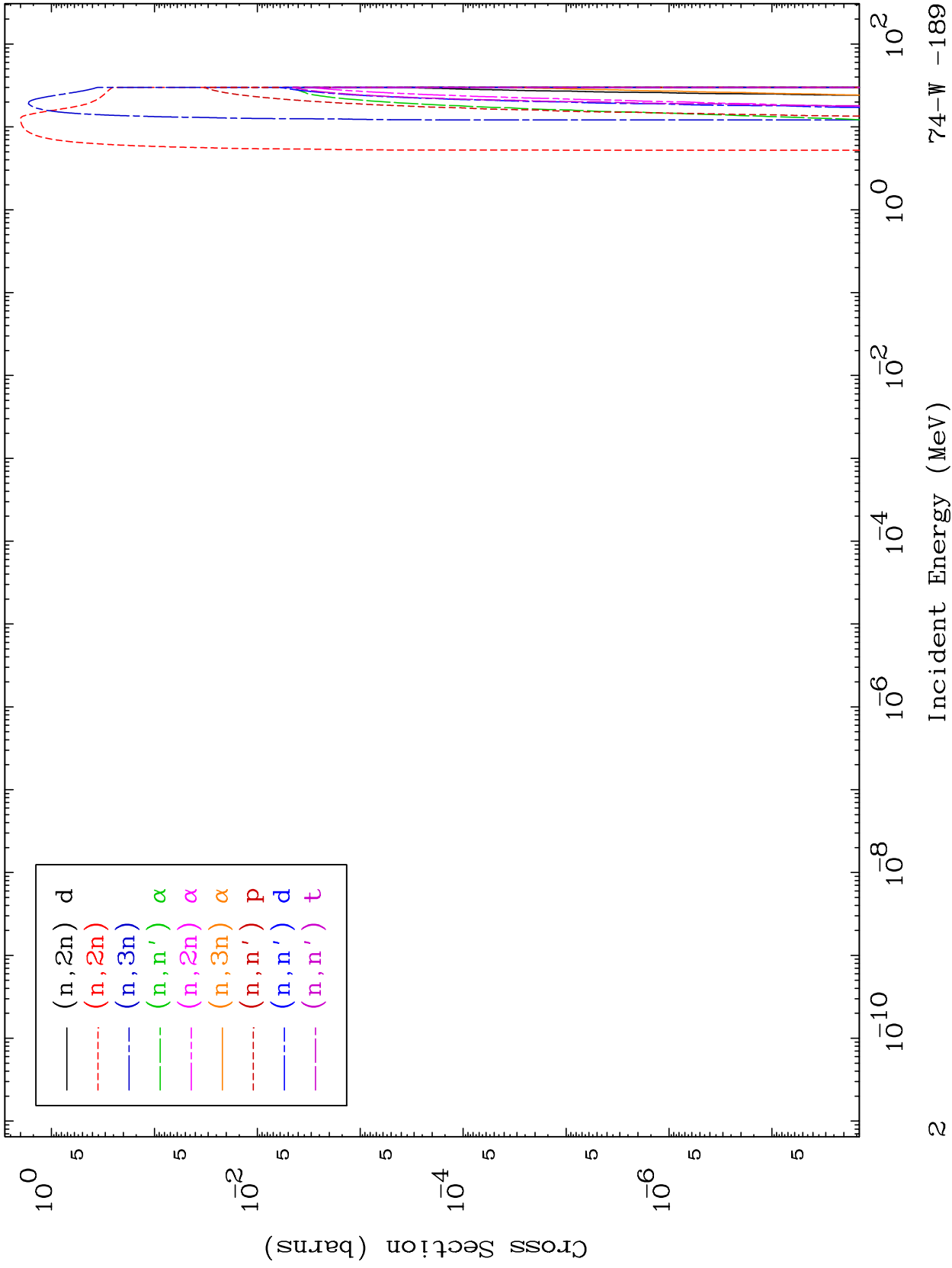
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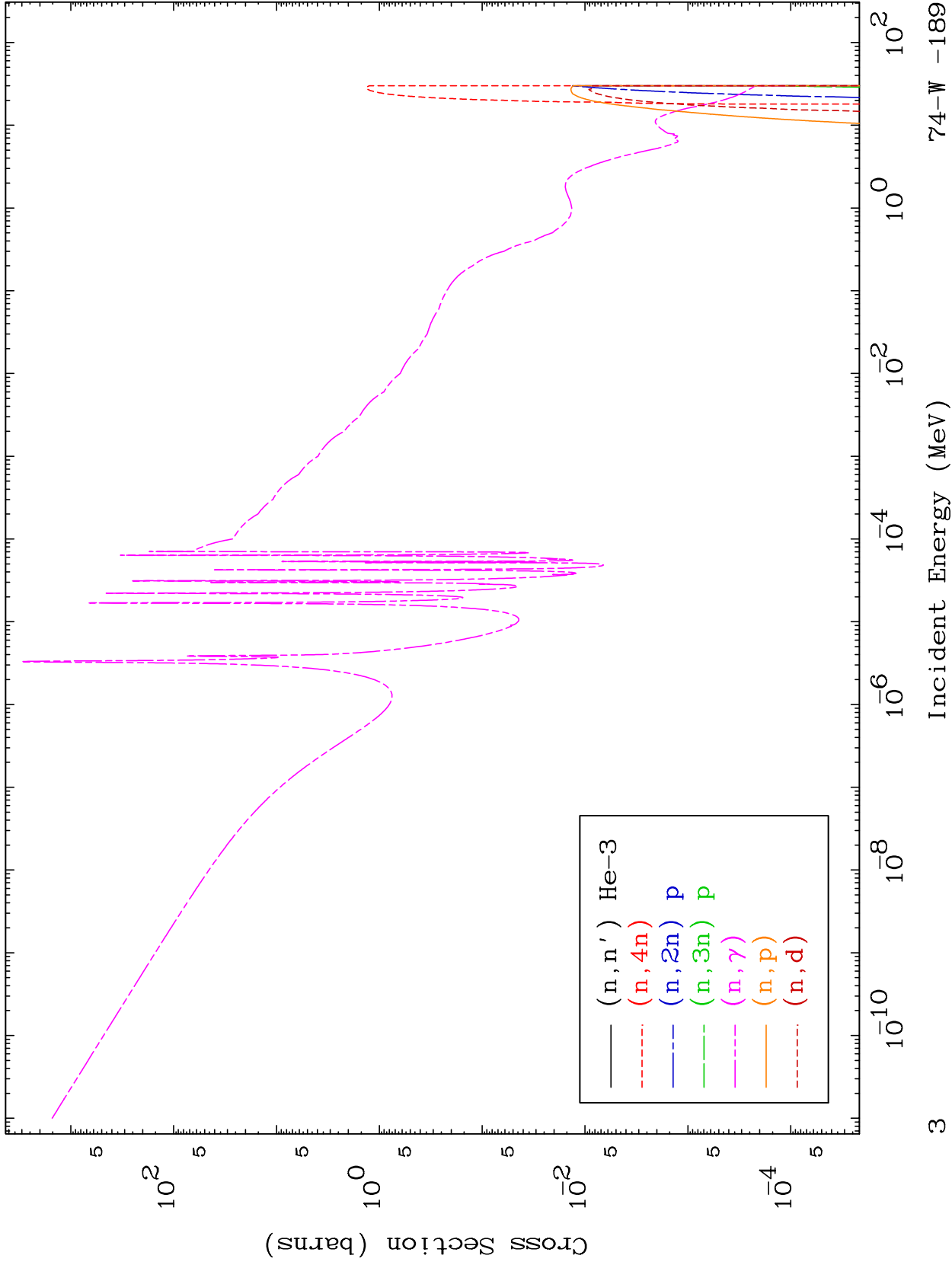


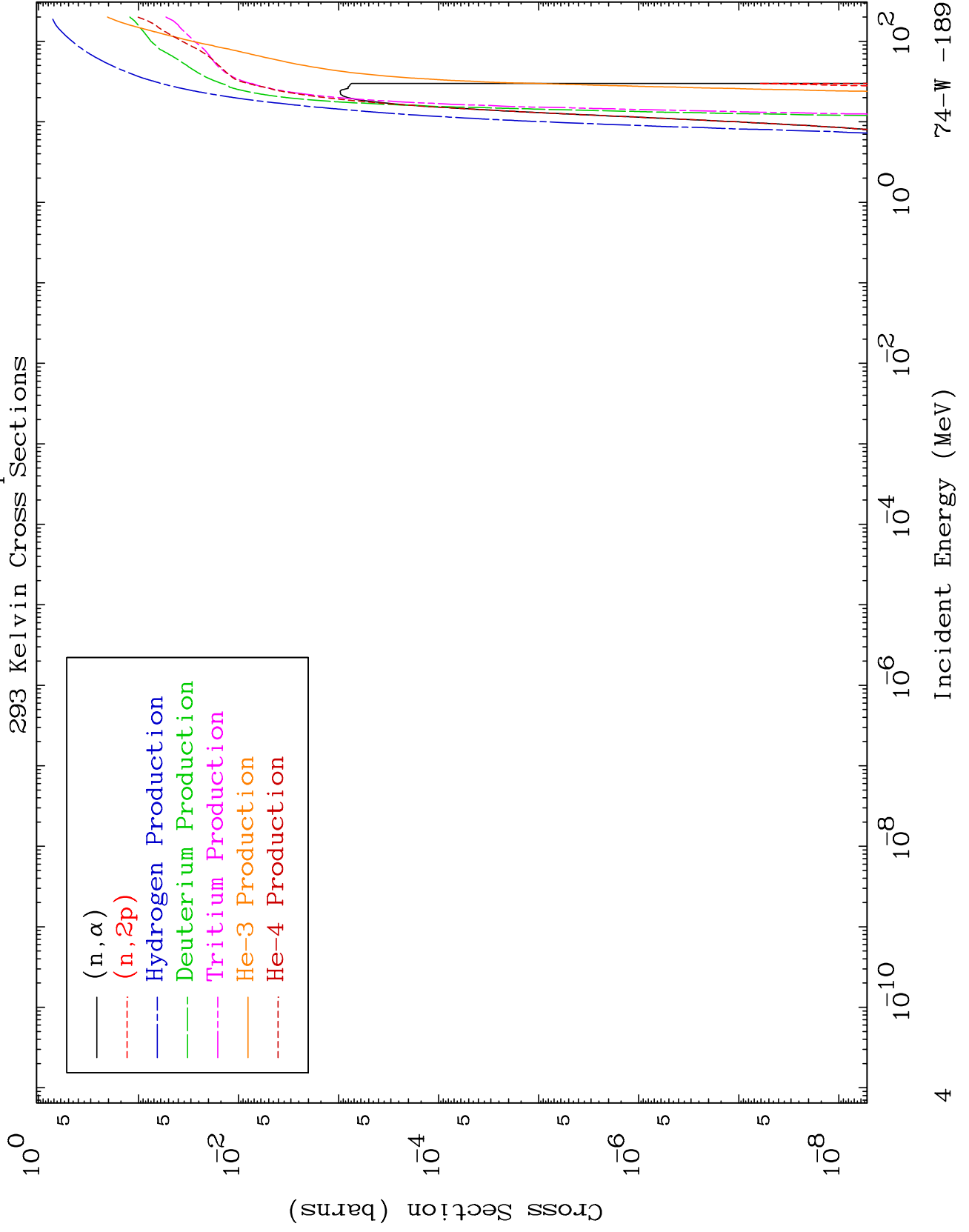
MAT 7452

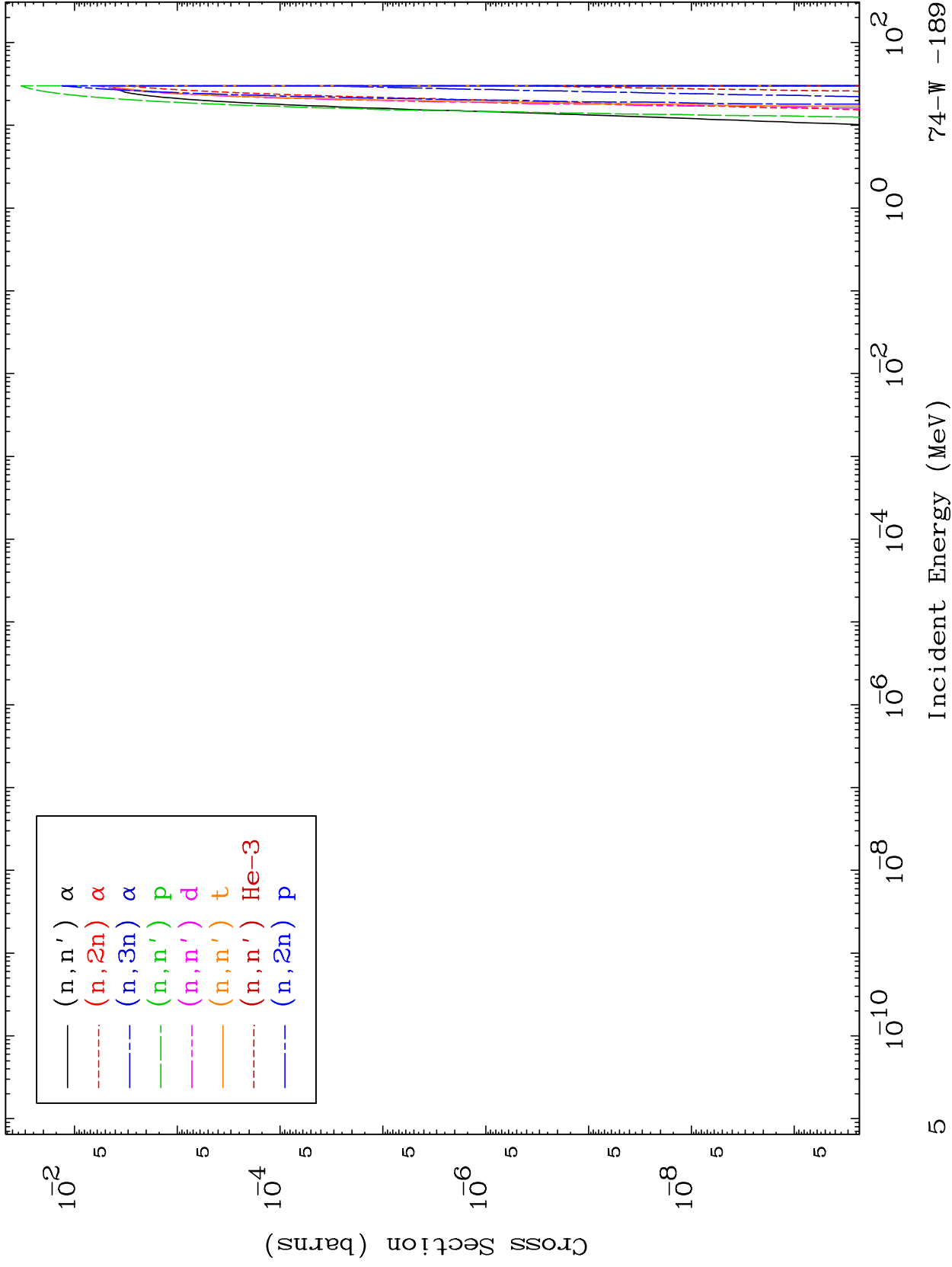
Neutron Absorption
293 Kelvin Cross Sections

74-W -189





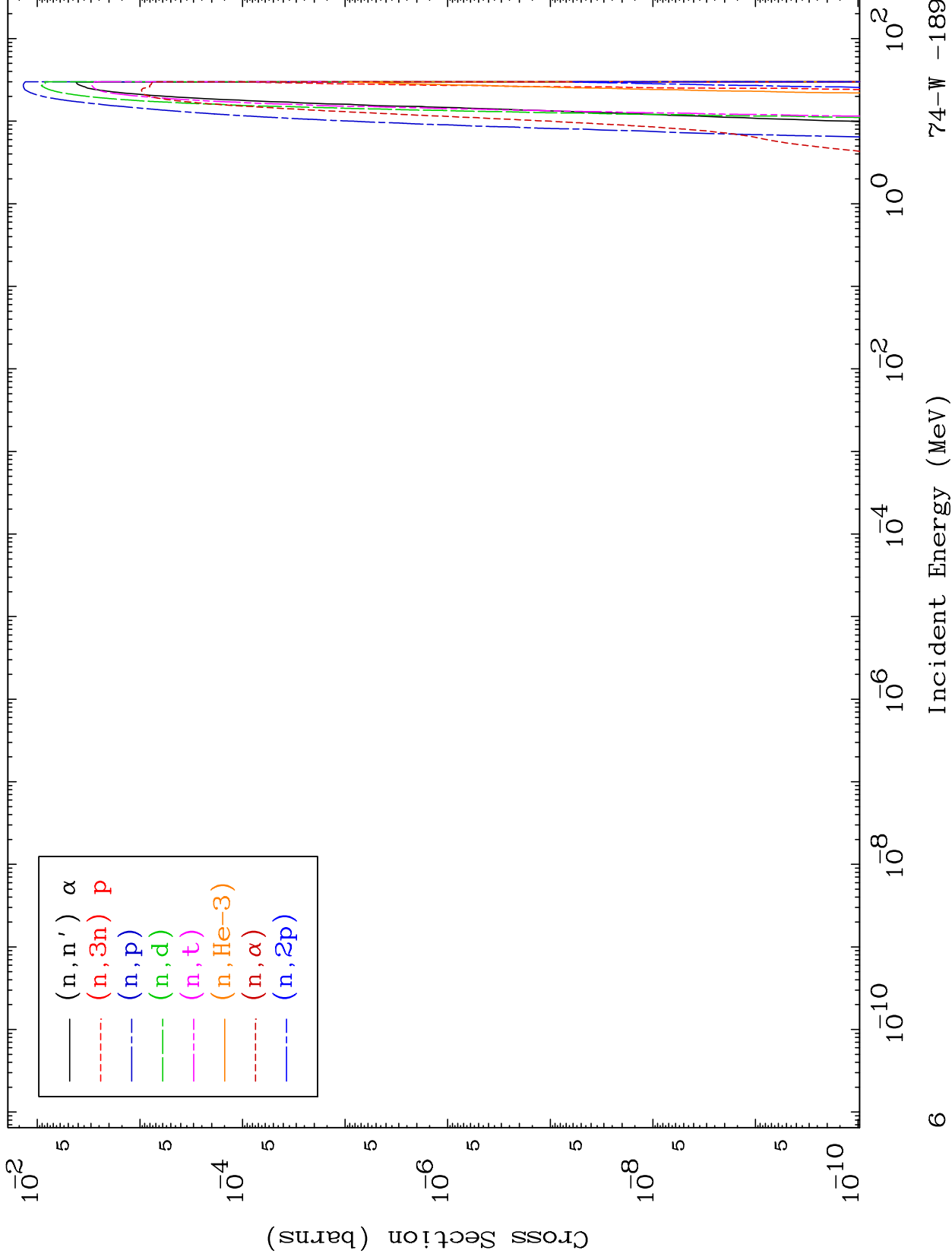




MAT 7452

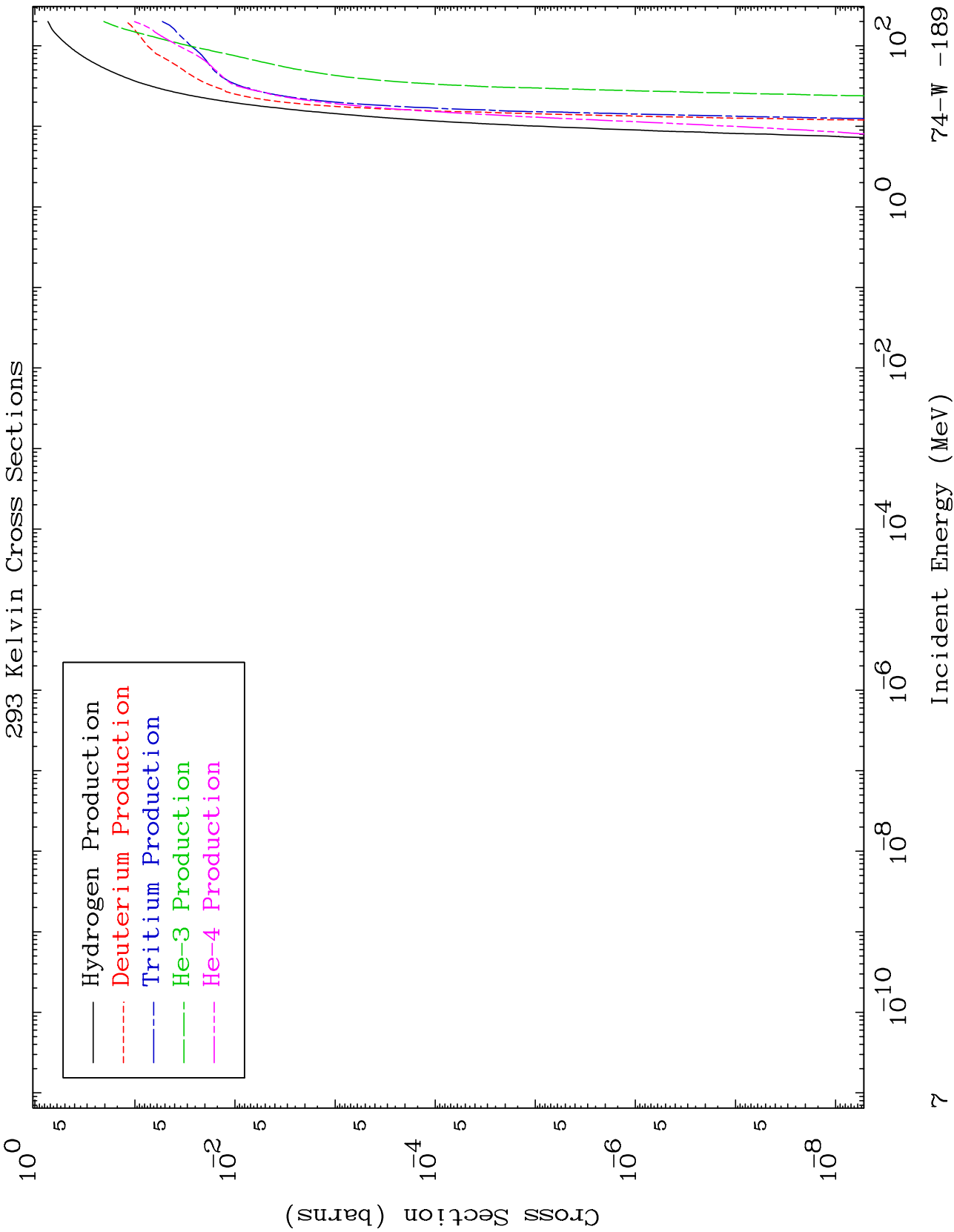
Charged Particle
293 Kelvin Cross Sections

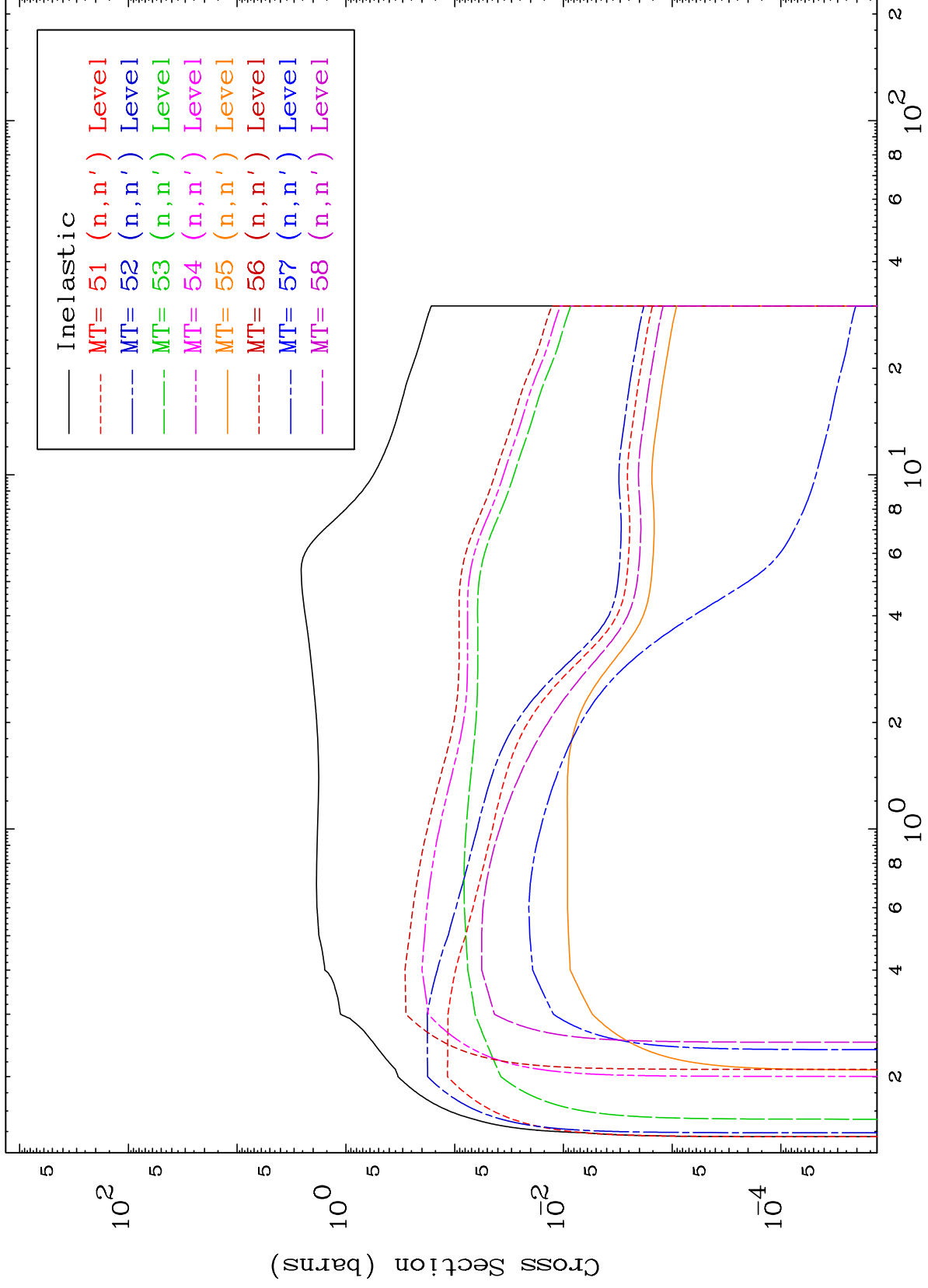
74-W -189

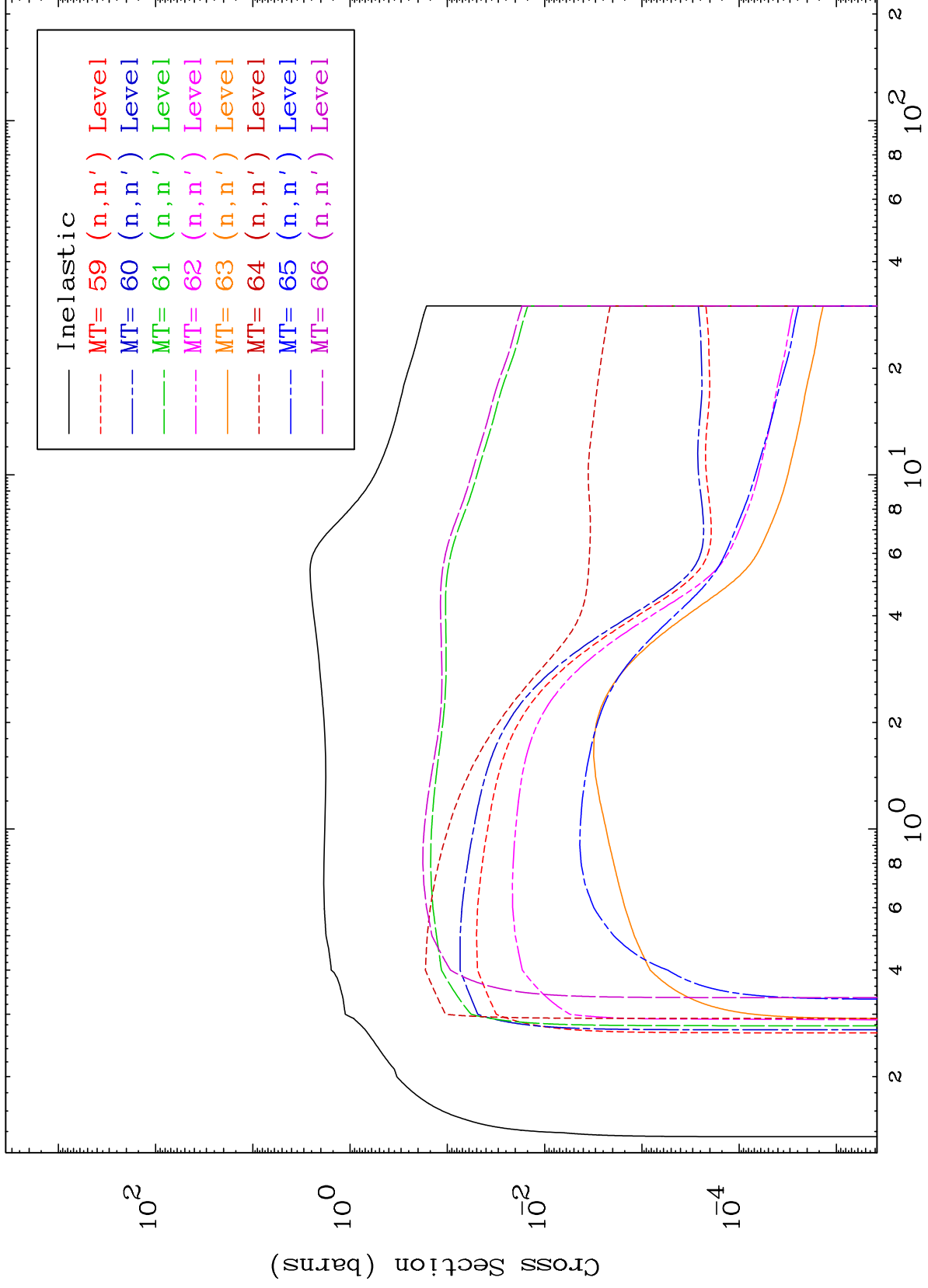


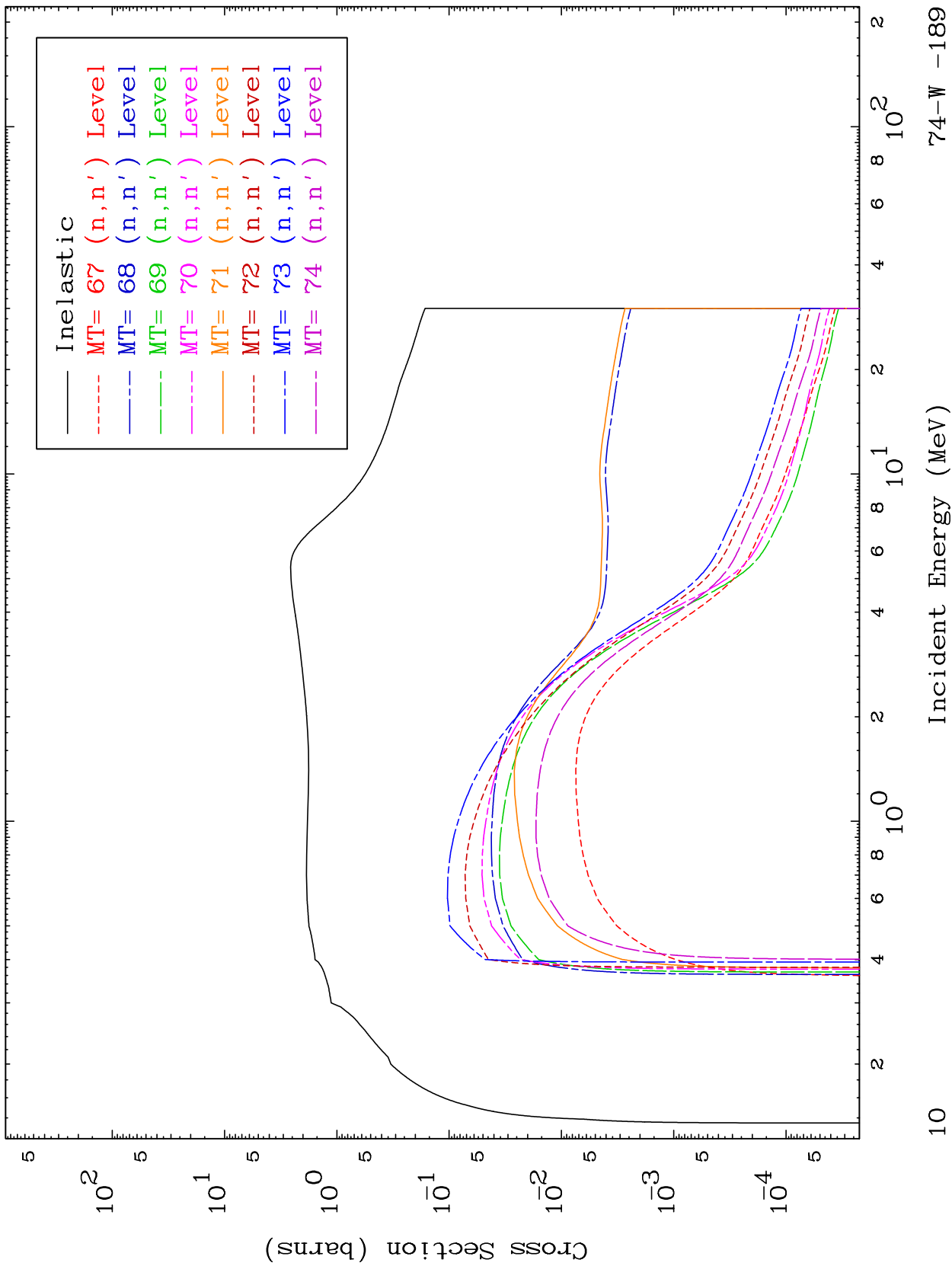
74-W -189

Incident Energy (MeV)

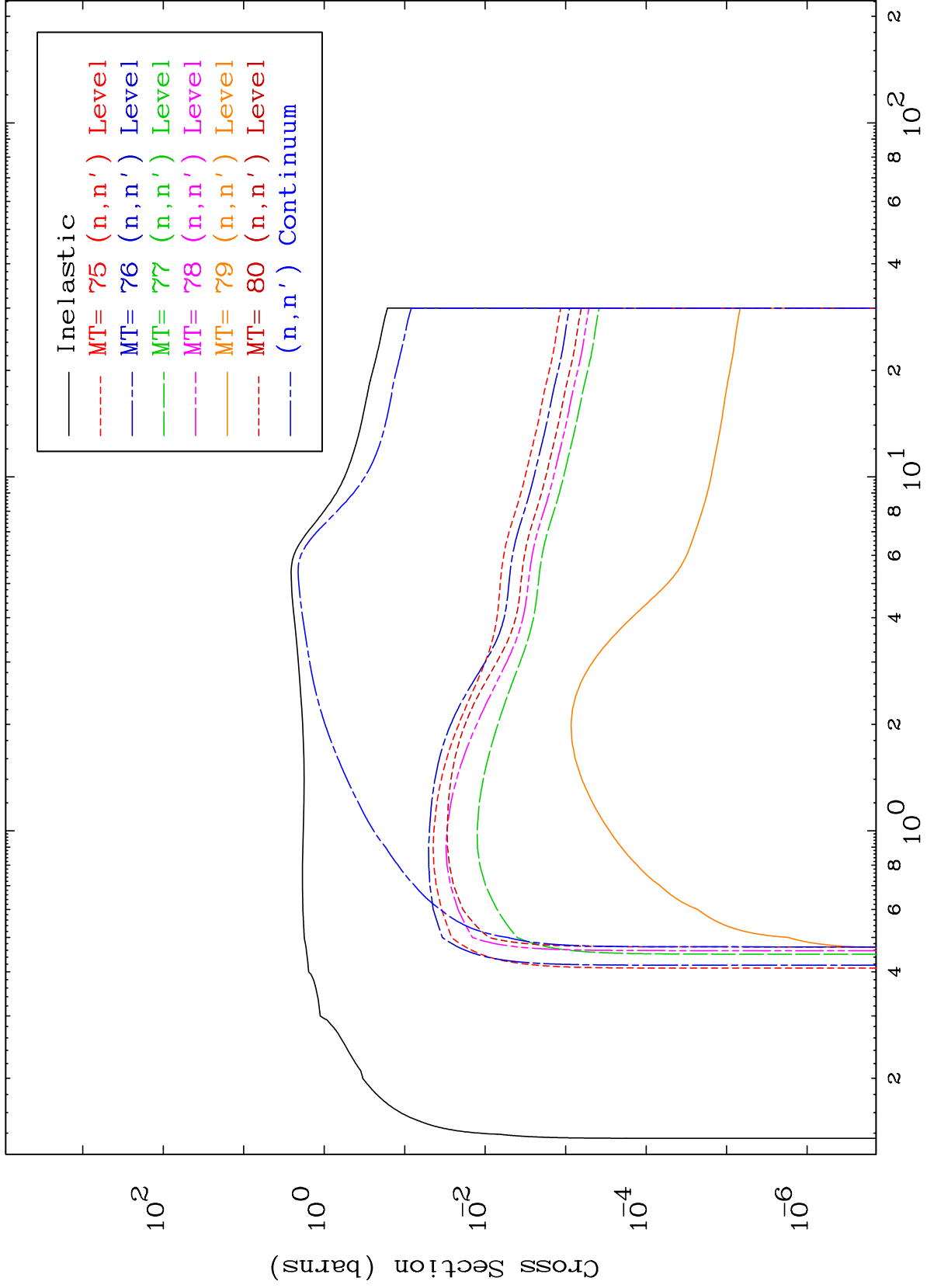








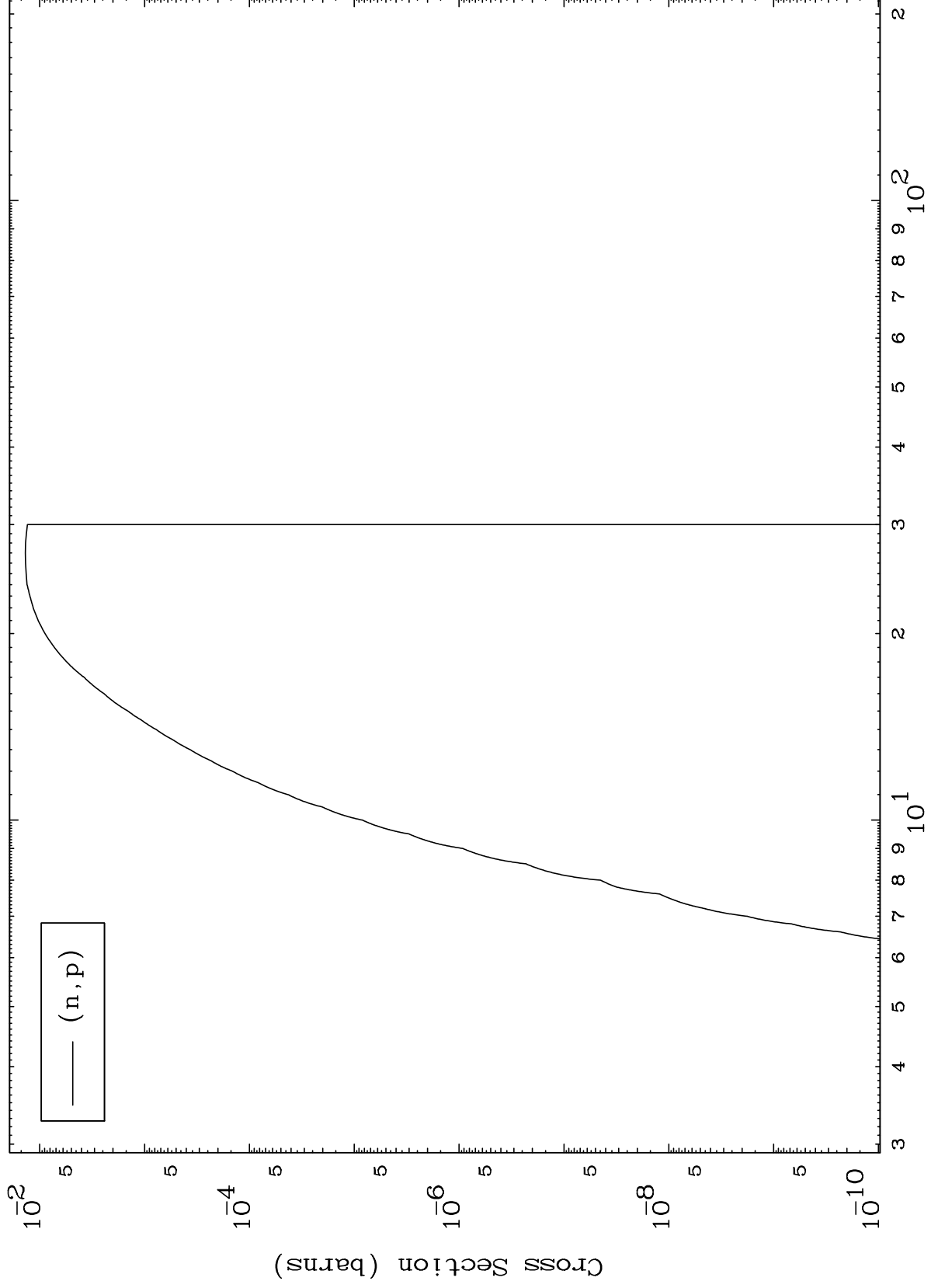
293 Kelvin Cross Sections



MAT 7452

(n,p) Levels
293 Kelvin Cross Sections

74-W -189



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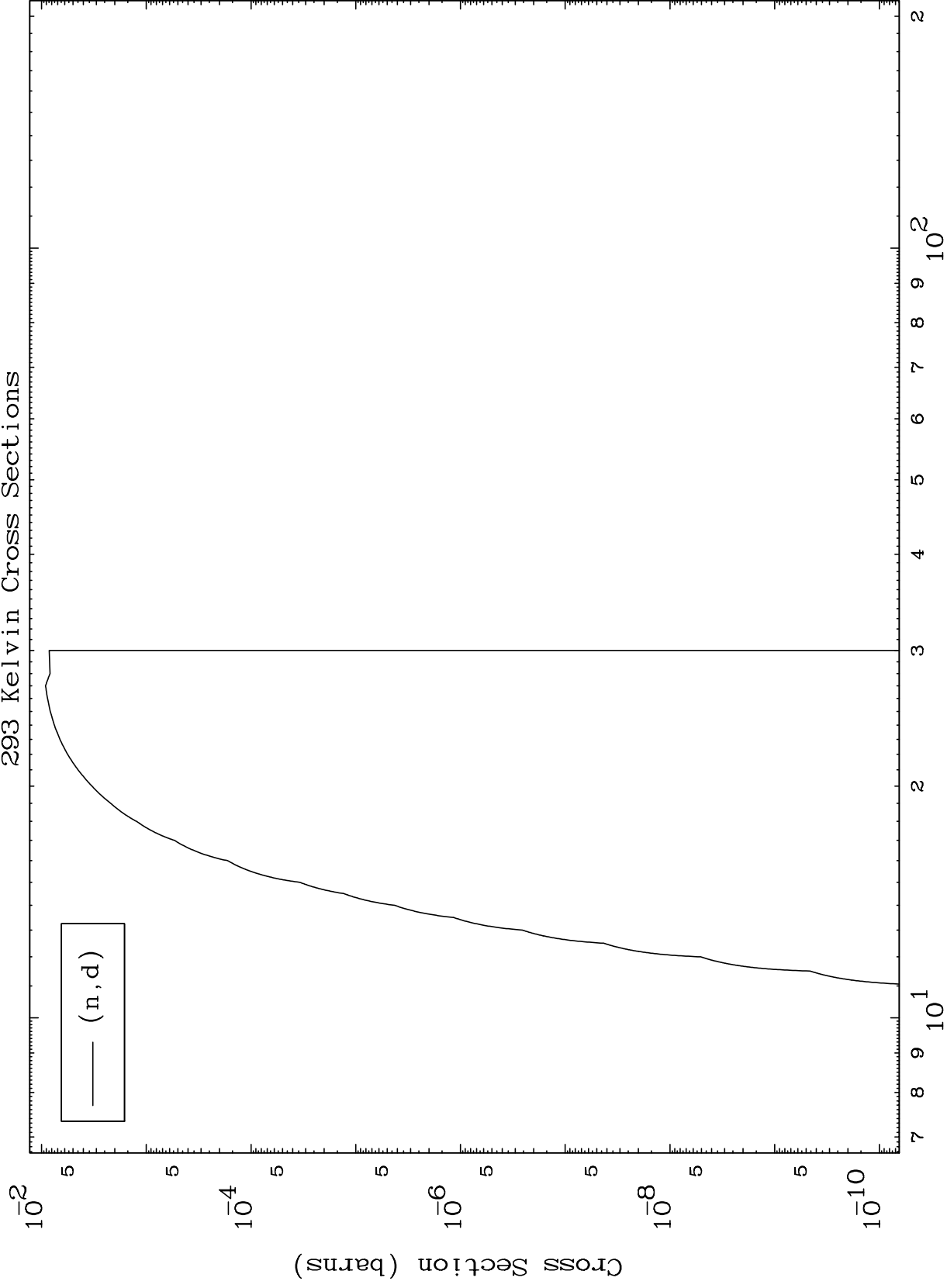
Incident Energy (MeV)

74-W -189

MAT 7452

(n,d) Levels
293 Kelvin Cross Sections

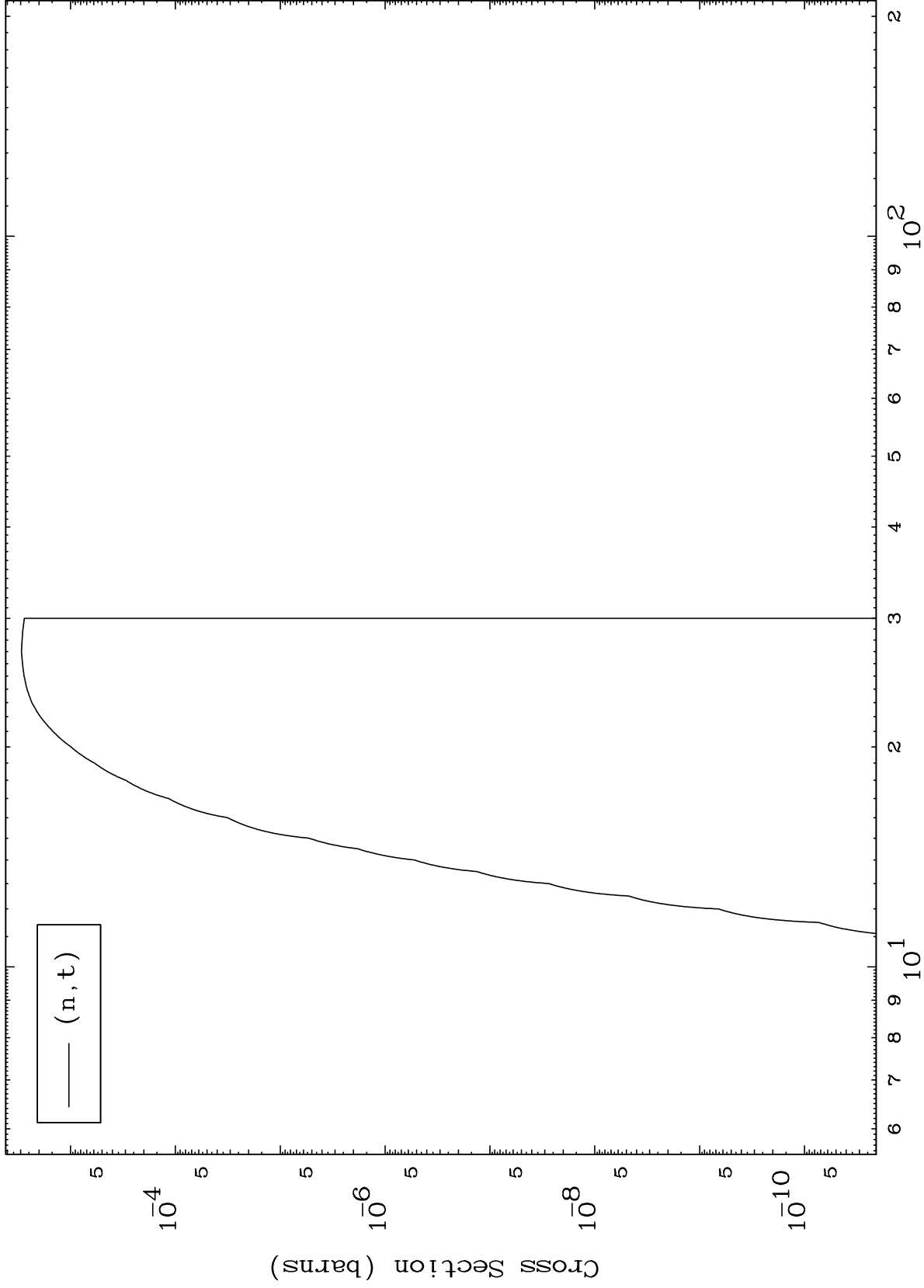
74-W -189

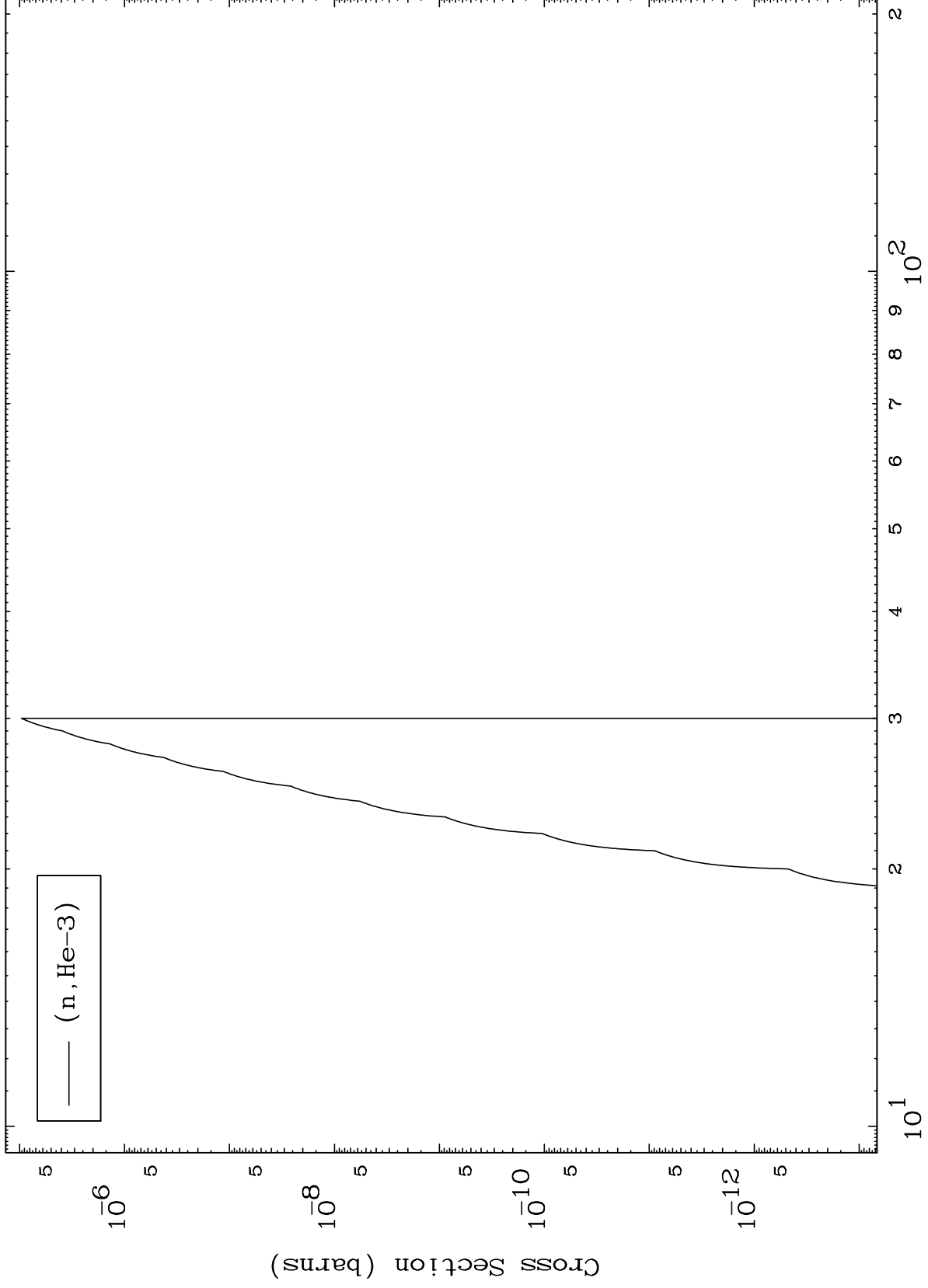


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Incident Energy (MeV)

74-W -189

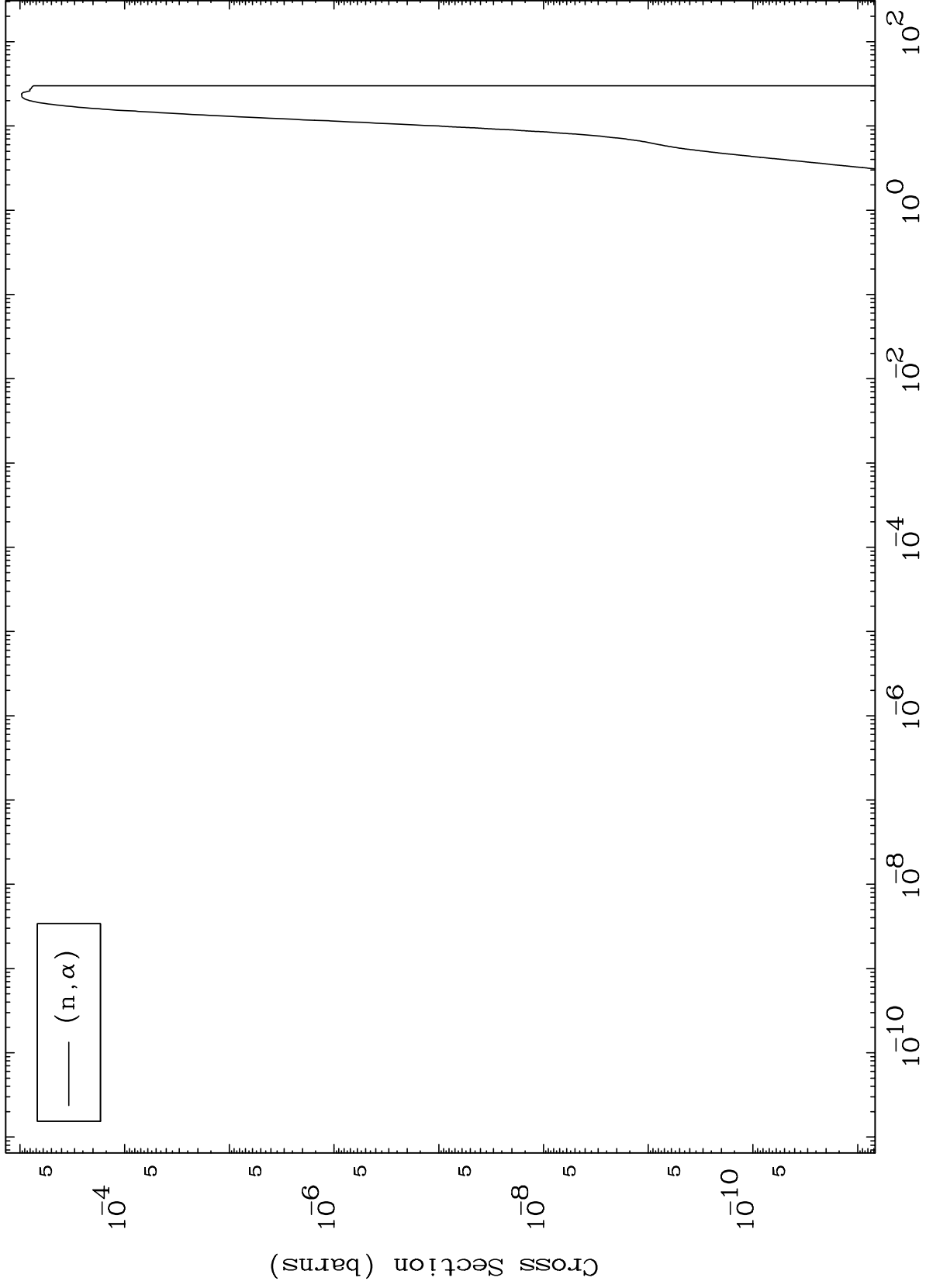




MAT 7452

(n, α) Levels
293 Kelvin Cross Sections

74-W -189



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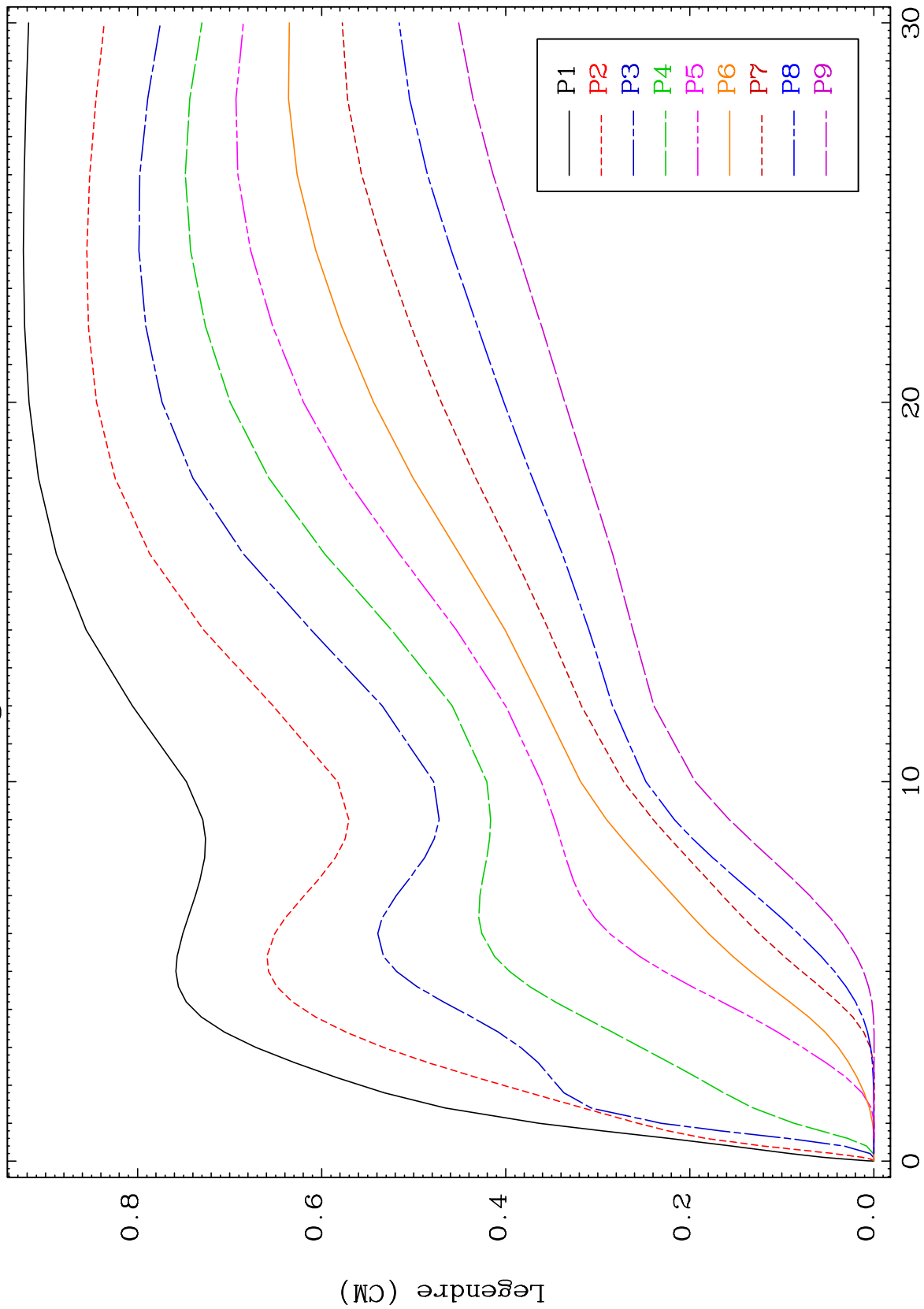
Incident Energy (MeV)

74-W -189

MAT 7452

Elastic Legendre Coefficients

74-W -189



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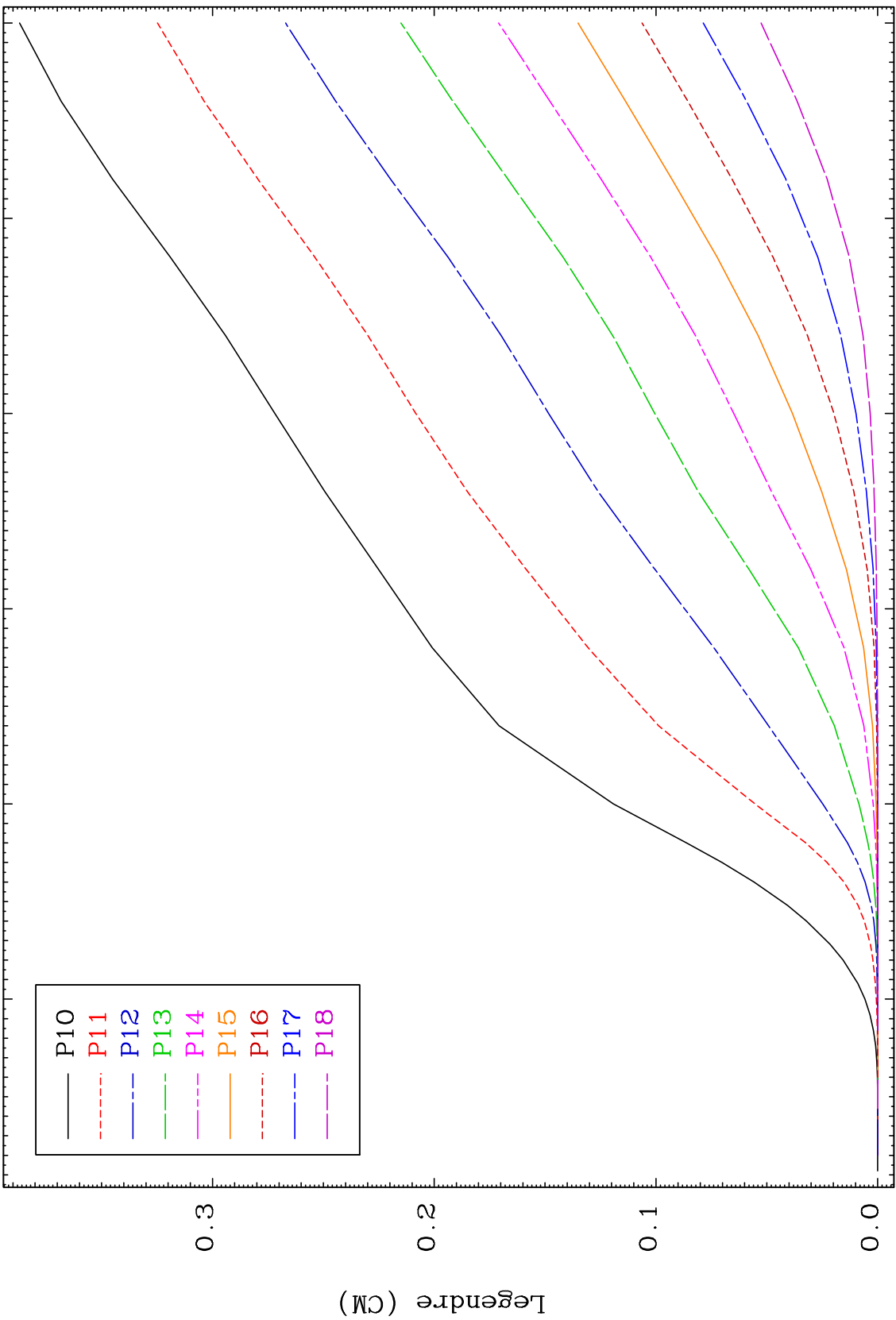
Incident Energy (MeV)

74-W -189

MAT 7452

Elastic Legendre Coefficients

74-W -189



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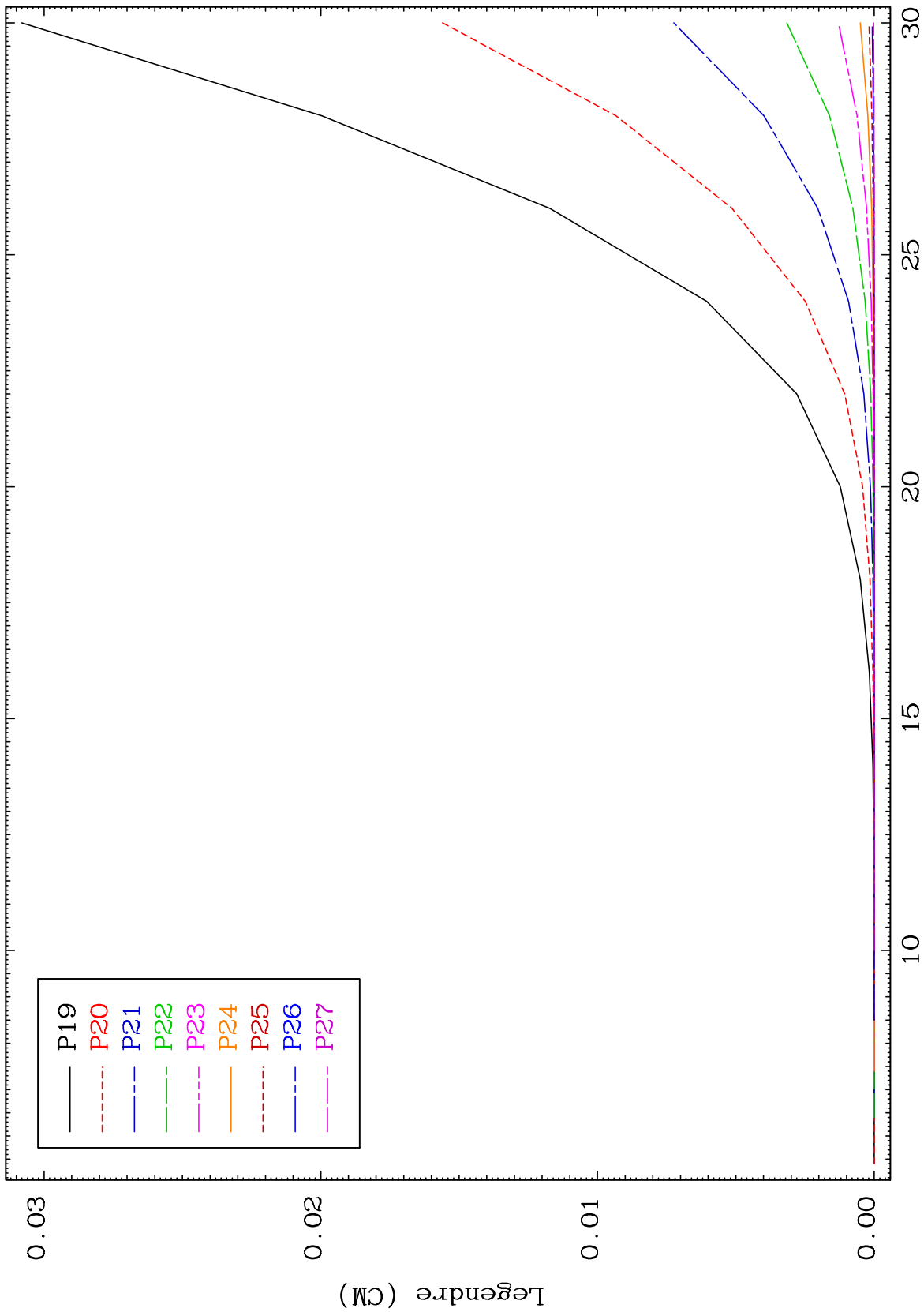
Incident Energy (MeV)

74-W -189

MAT 7452

Elastic Legendre Coefficients

74-W -189



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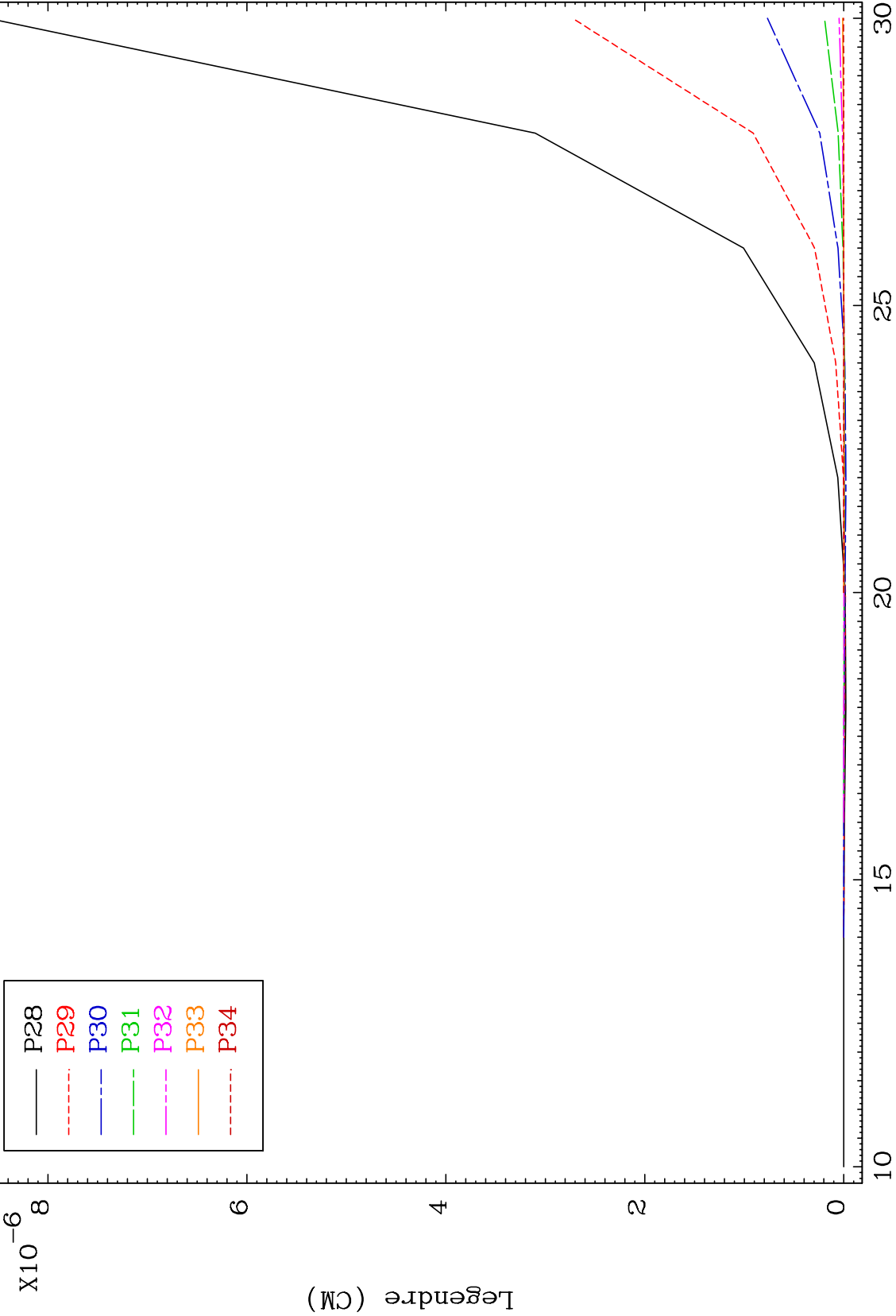
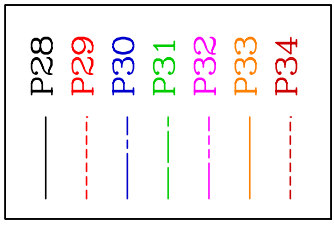
Incident Energy (MeV)

74-W -189

MAT 7452

Elastic
Legendre Coefficients

74-W -189



20

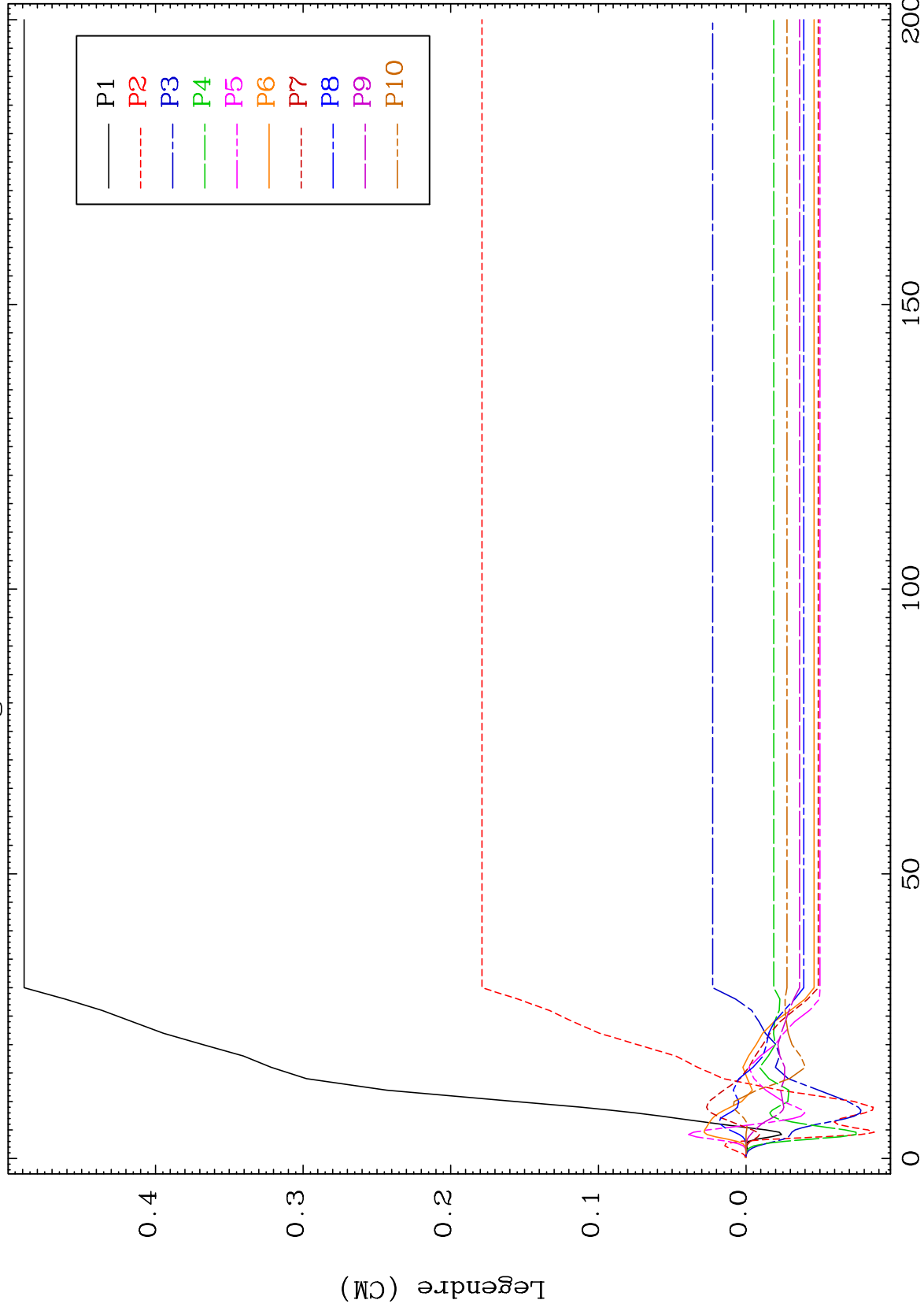
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



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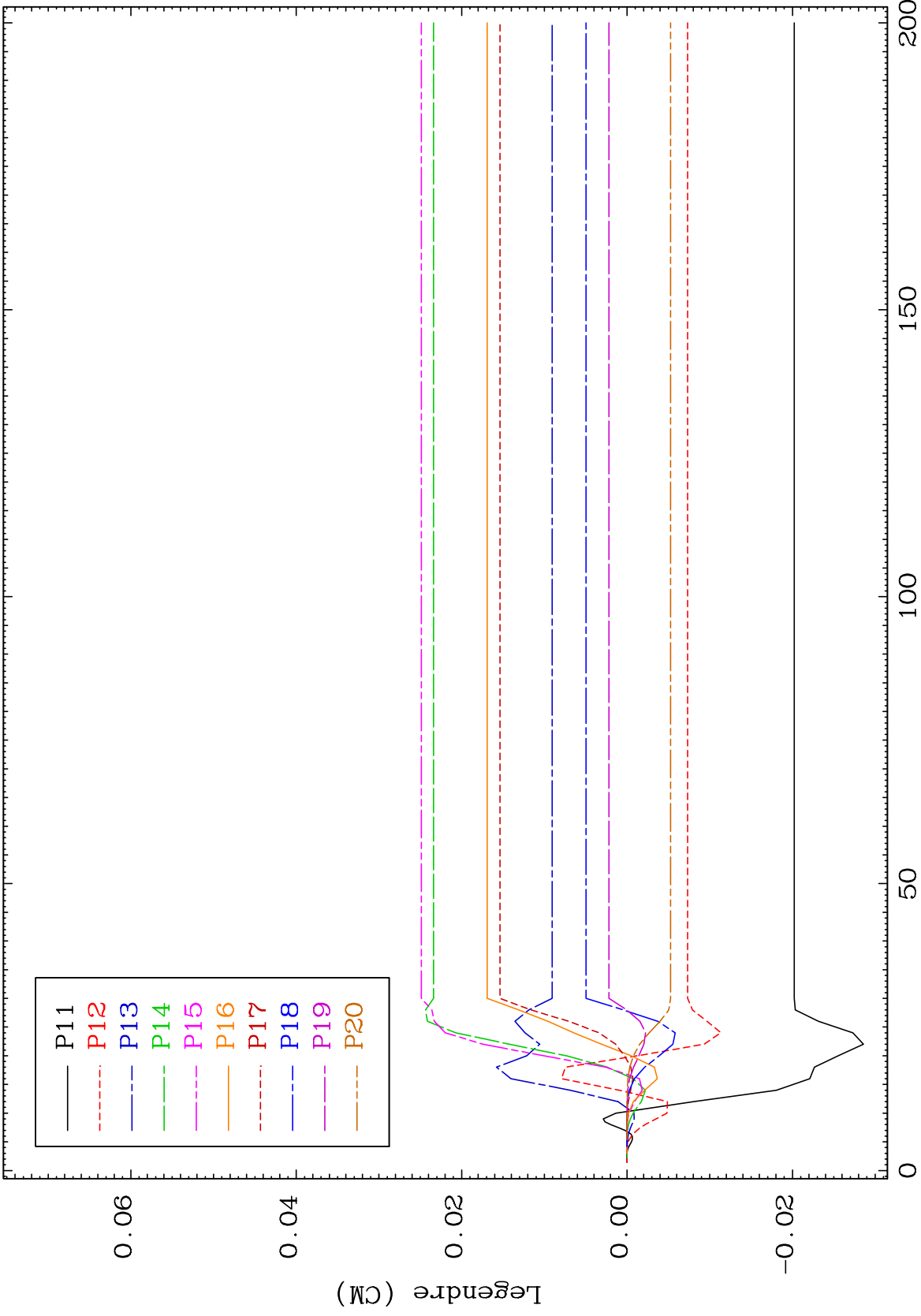
Incident Energy (MeV)

74-W -189

MAT 7452

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

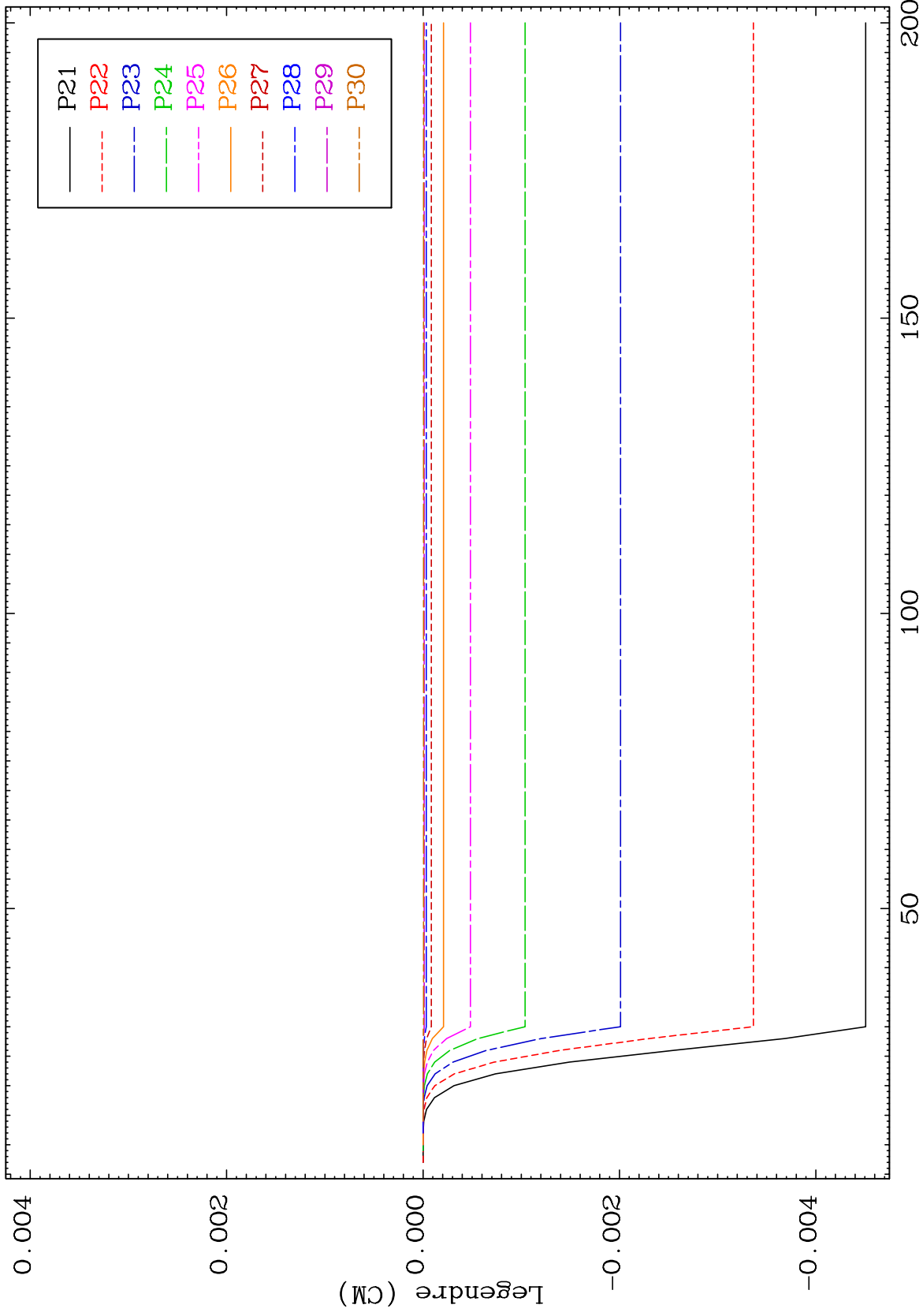
74-W -189

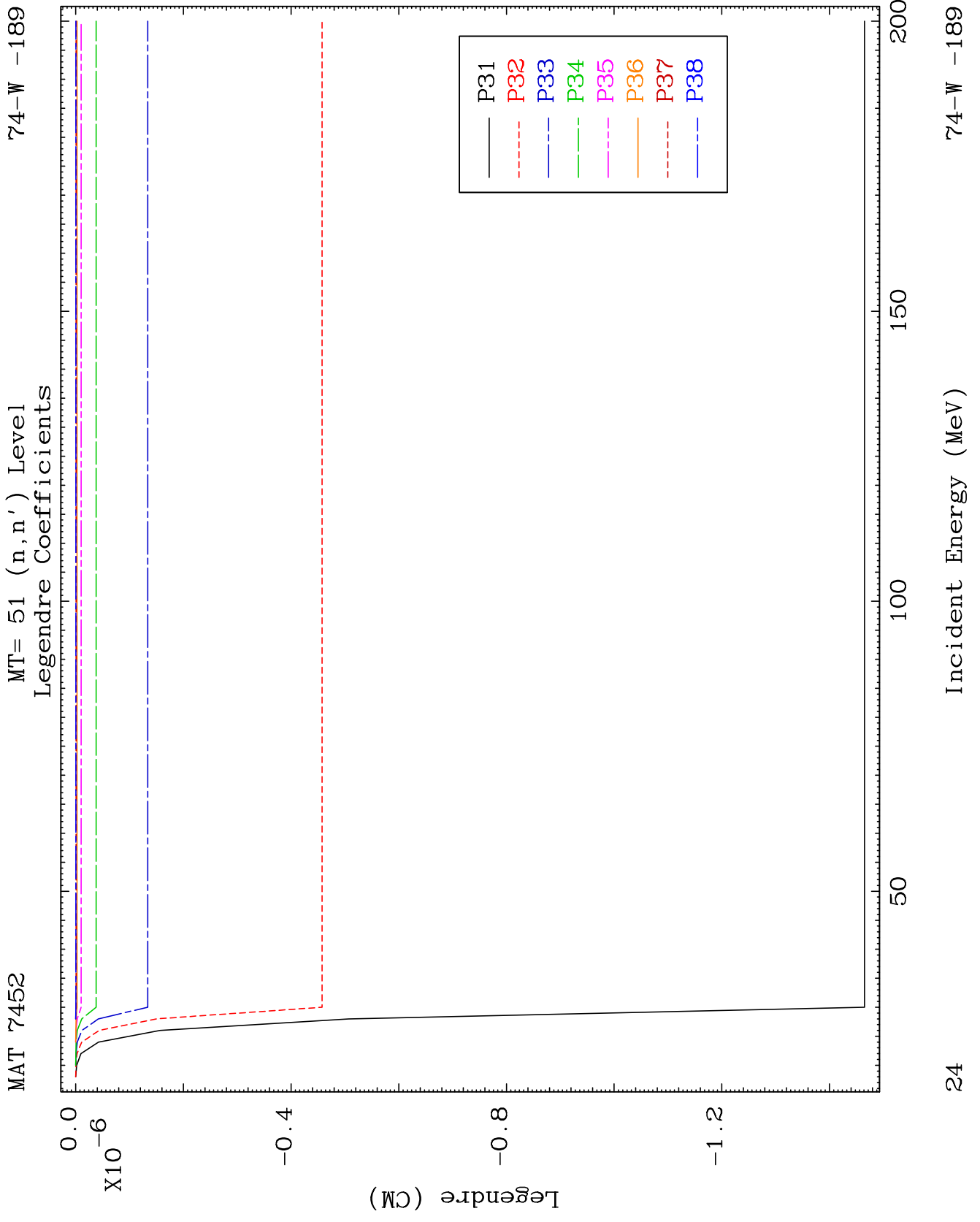


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Incident Energy (MeV)

74-W -189

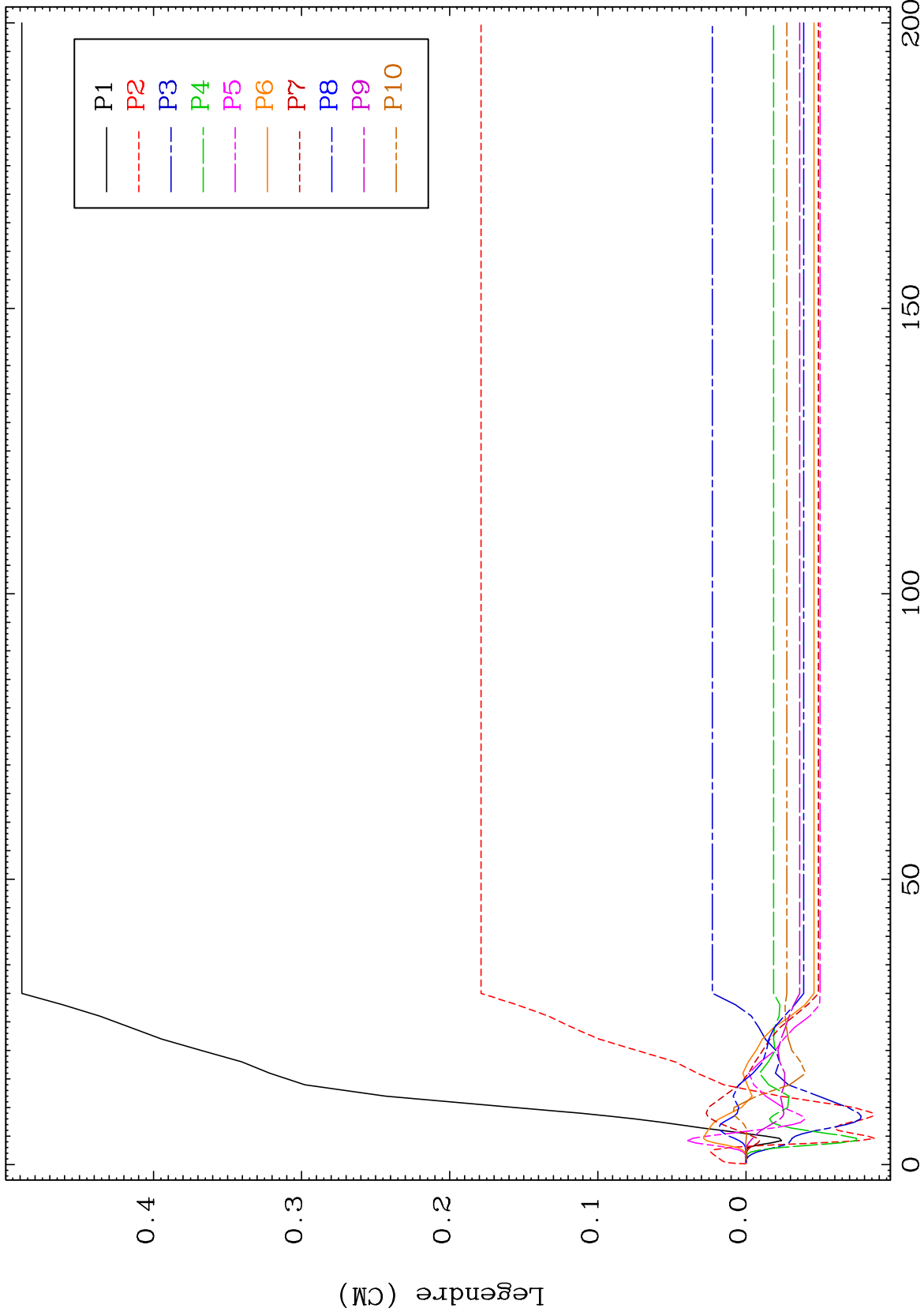




MAT 7452

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

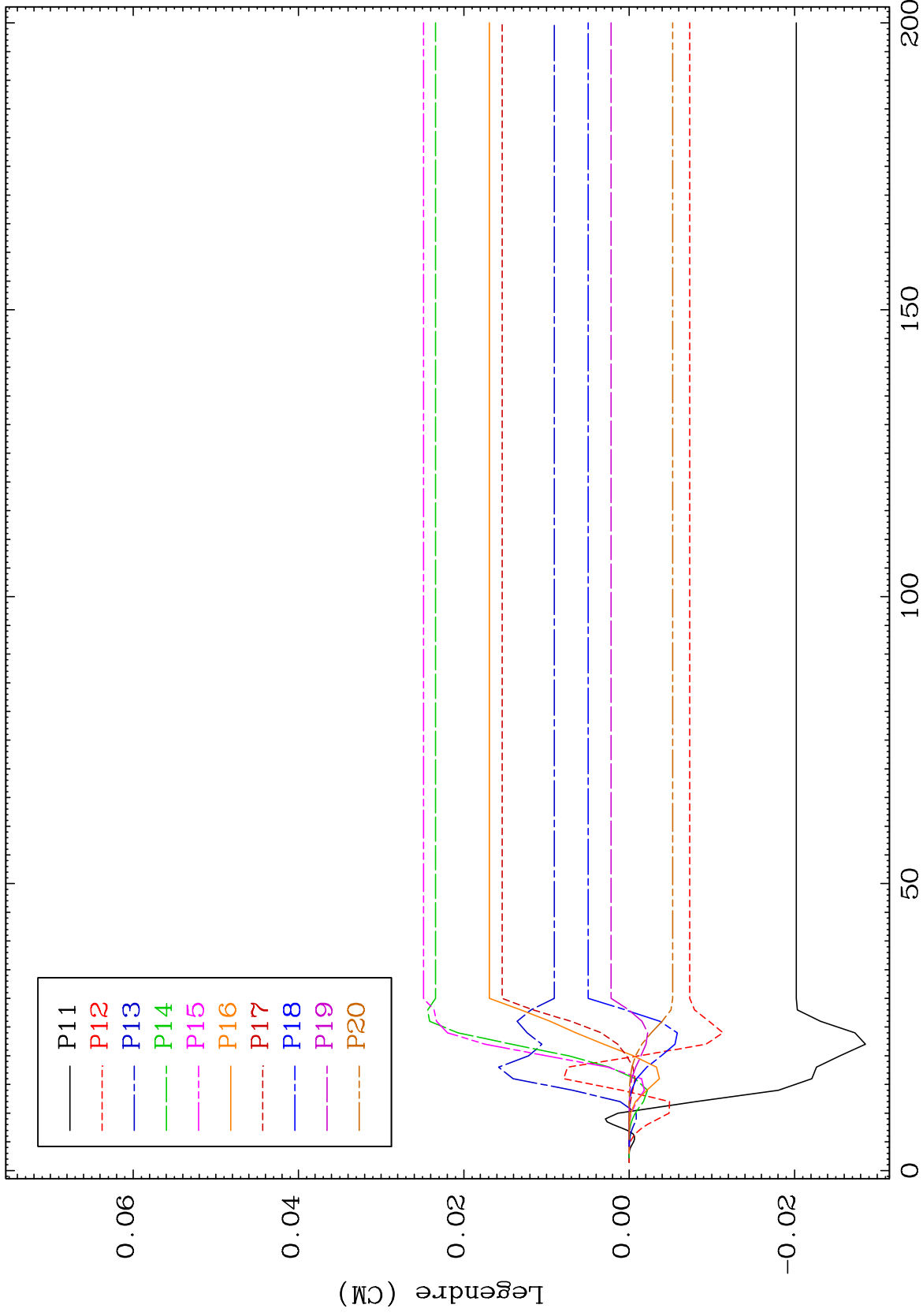
74-W -189

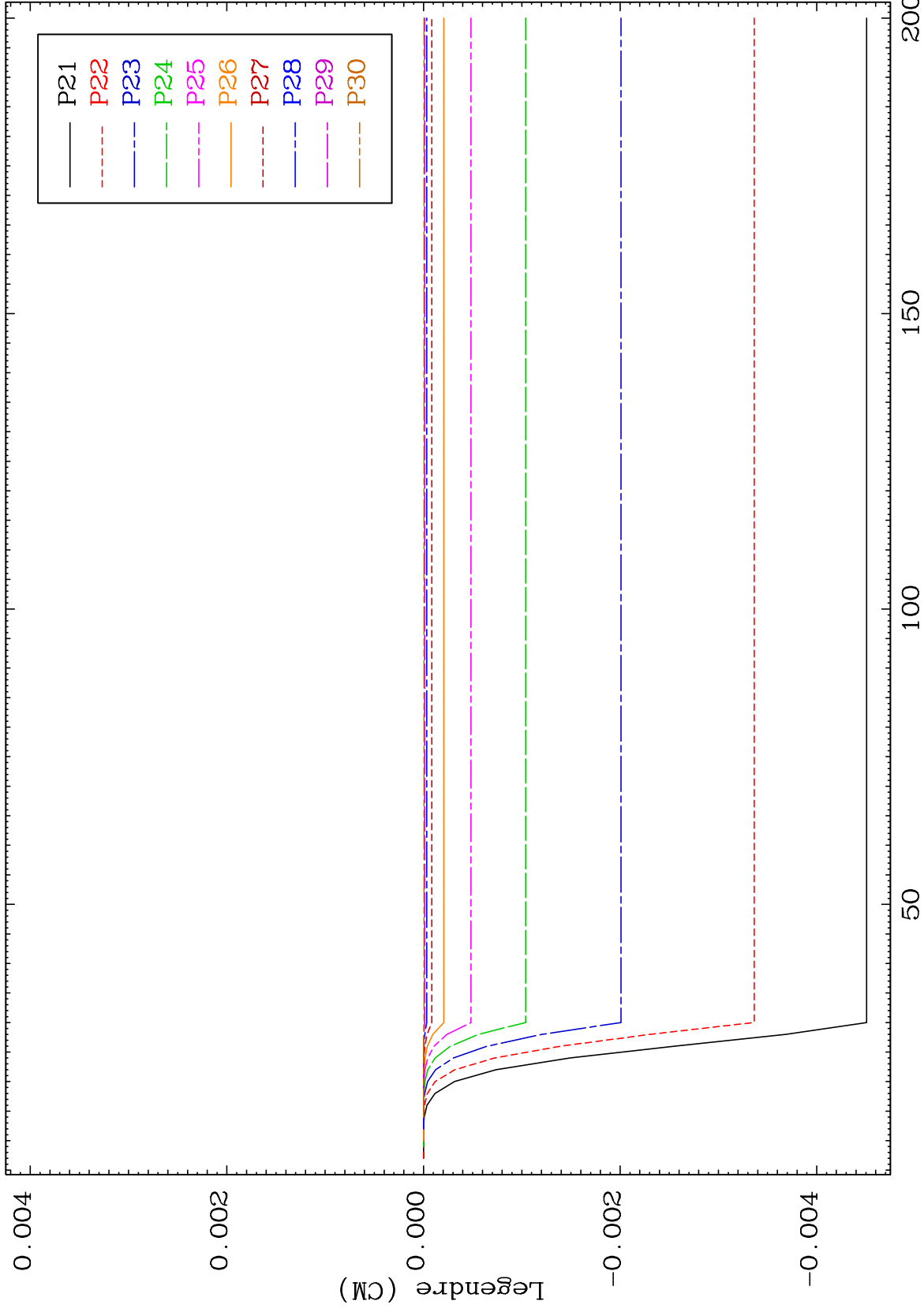


74-W -189

Incident Energy (MeV)

25

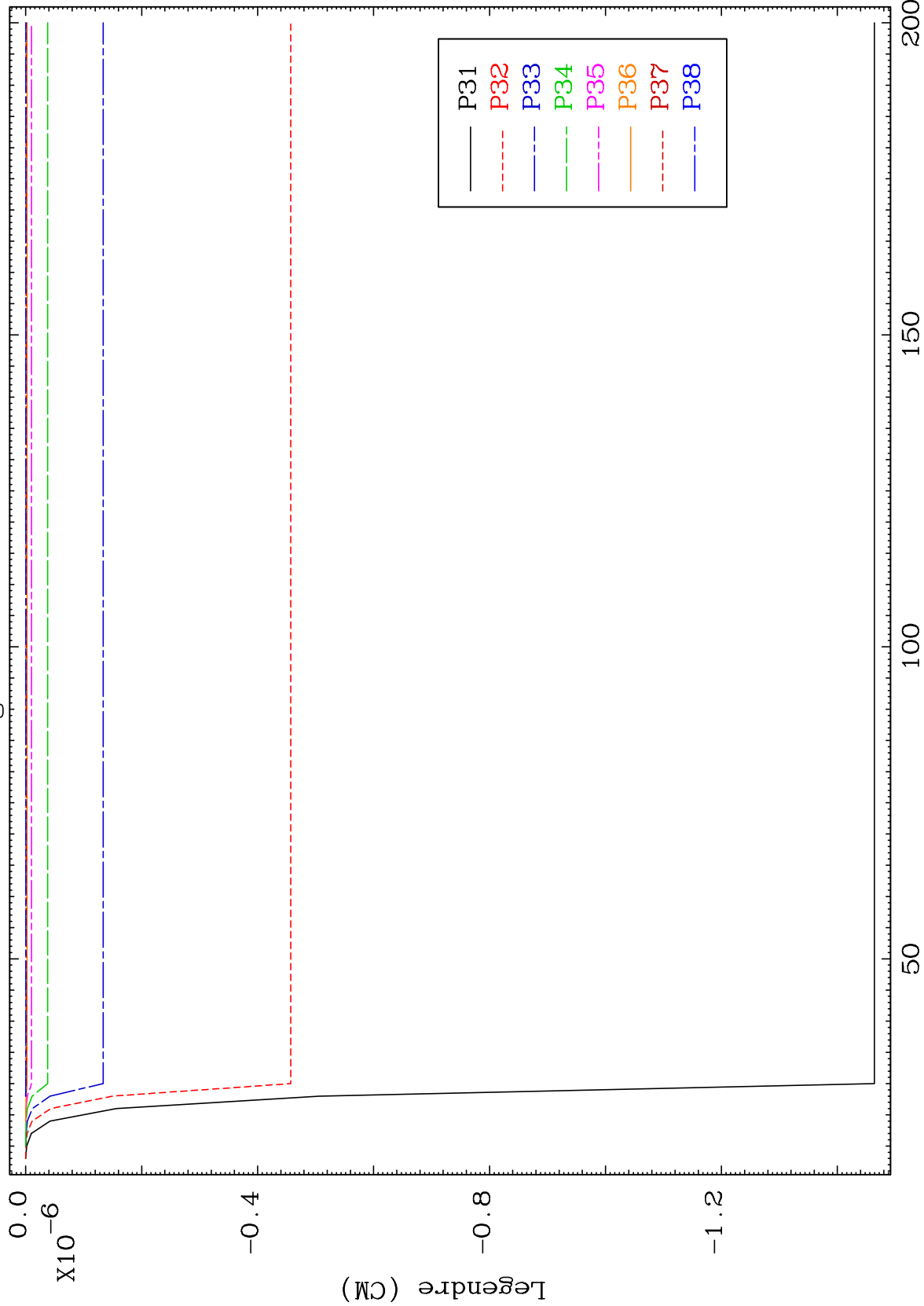




MAT 7452

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

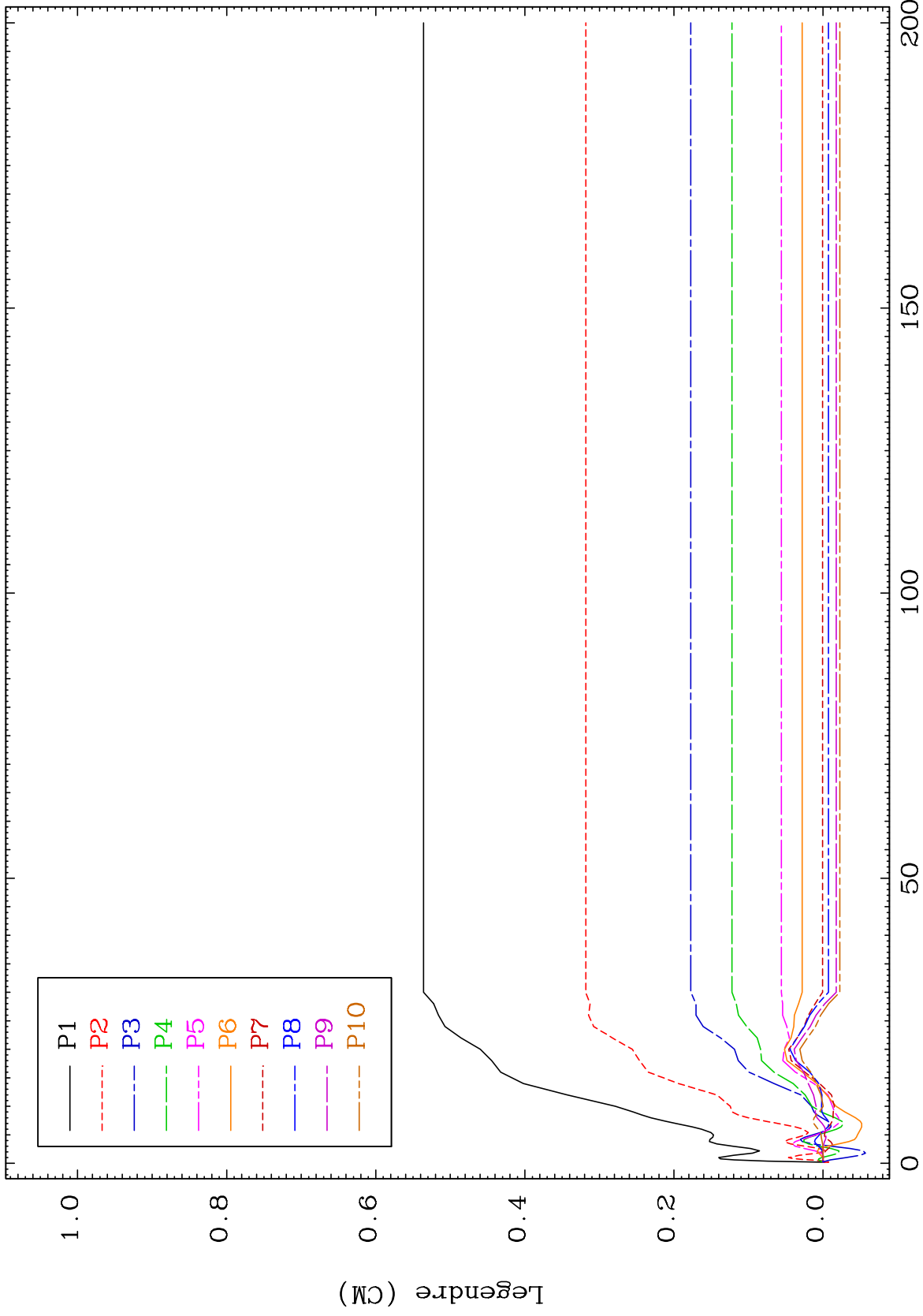
74-W -189



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Incident Energy (MeV)

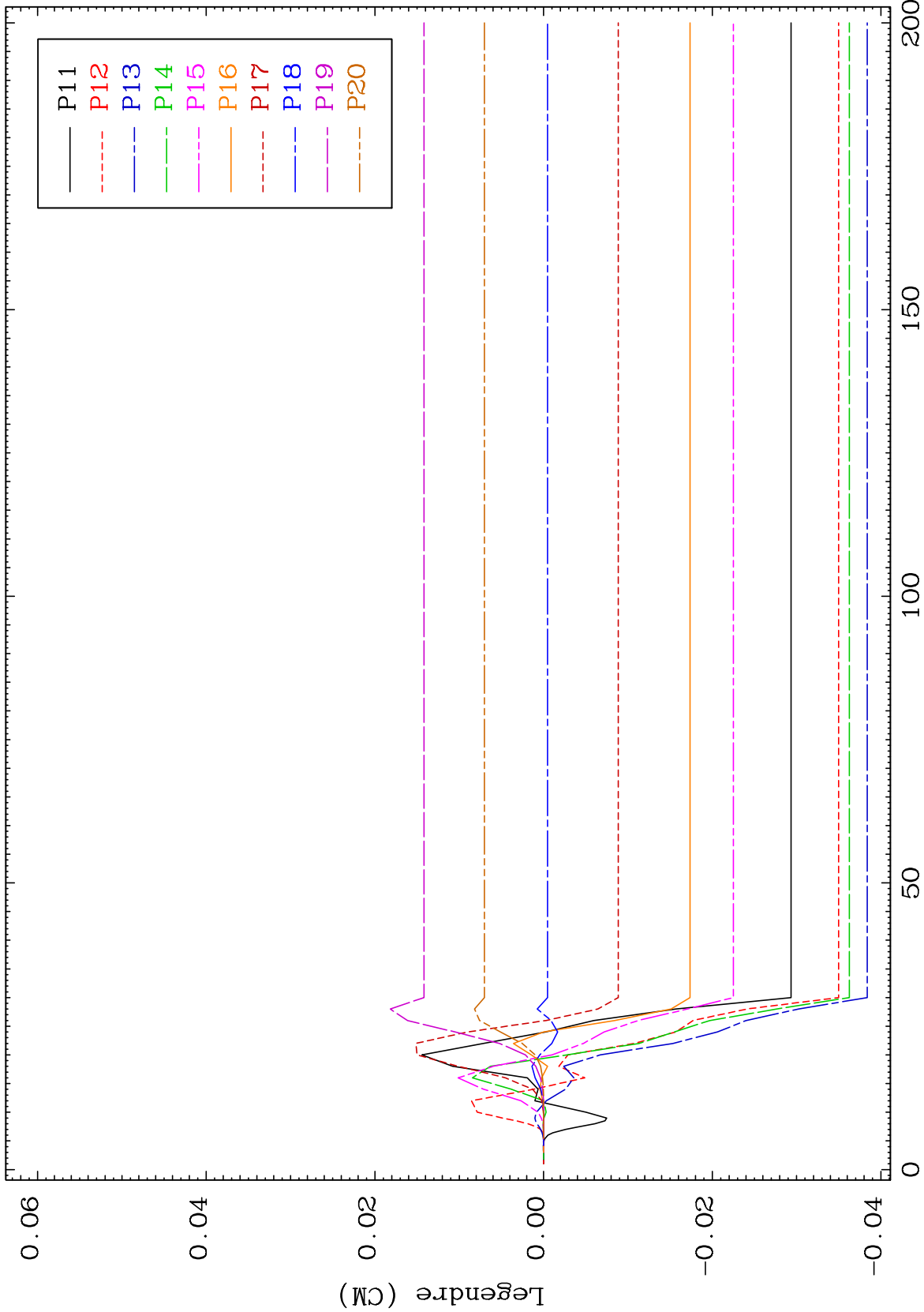
74-W -189



MAT 7452

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

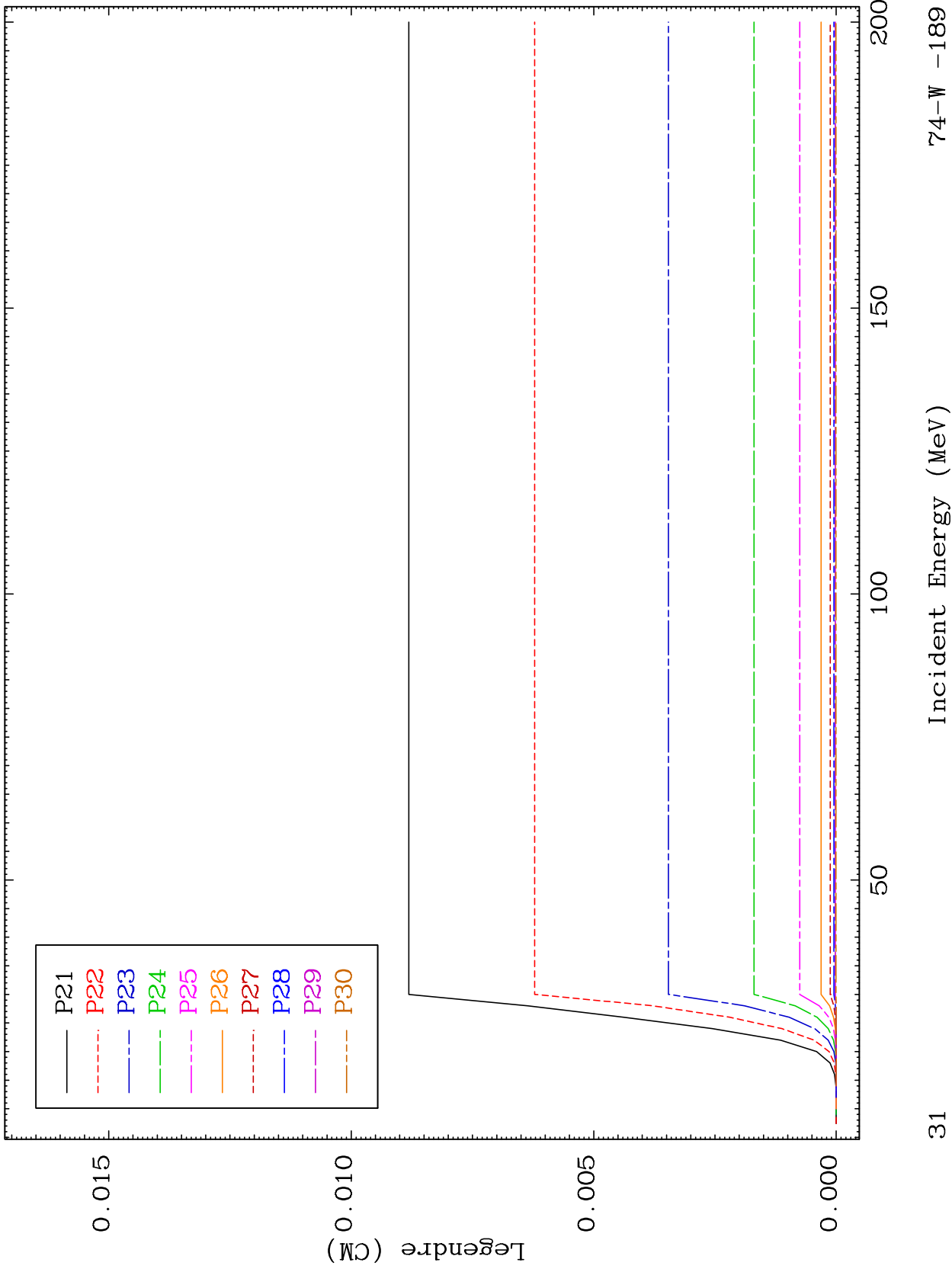
74-W -189

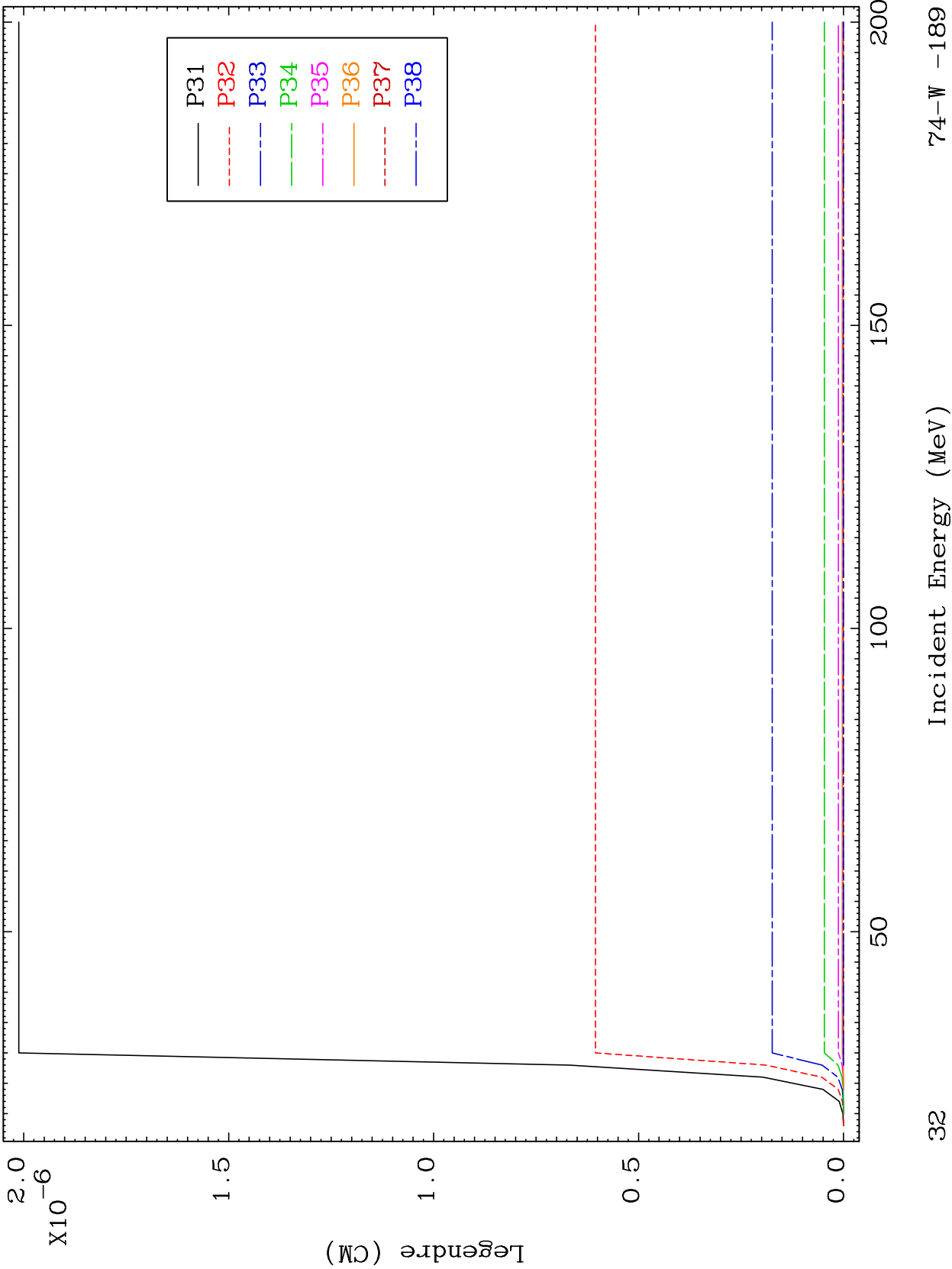


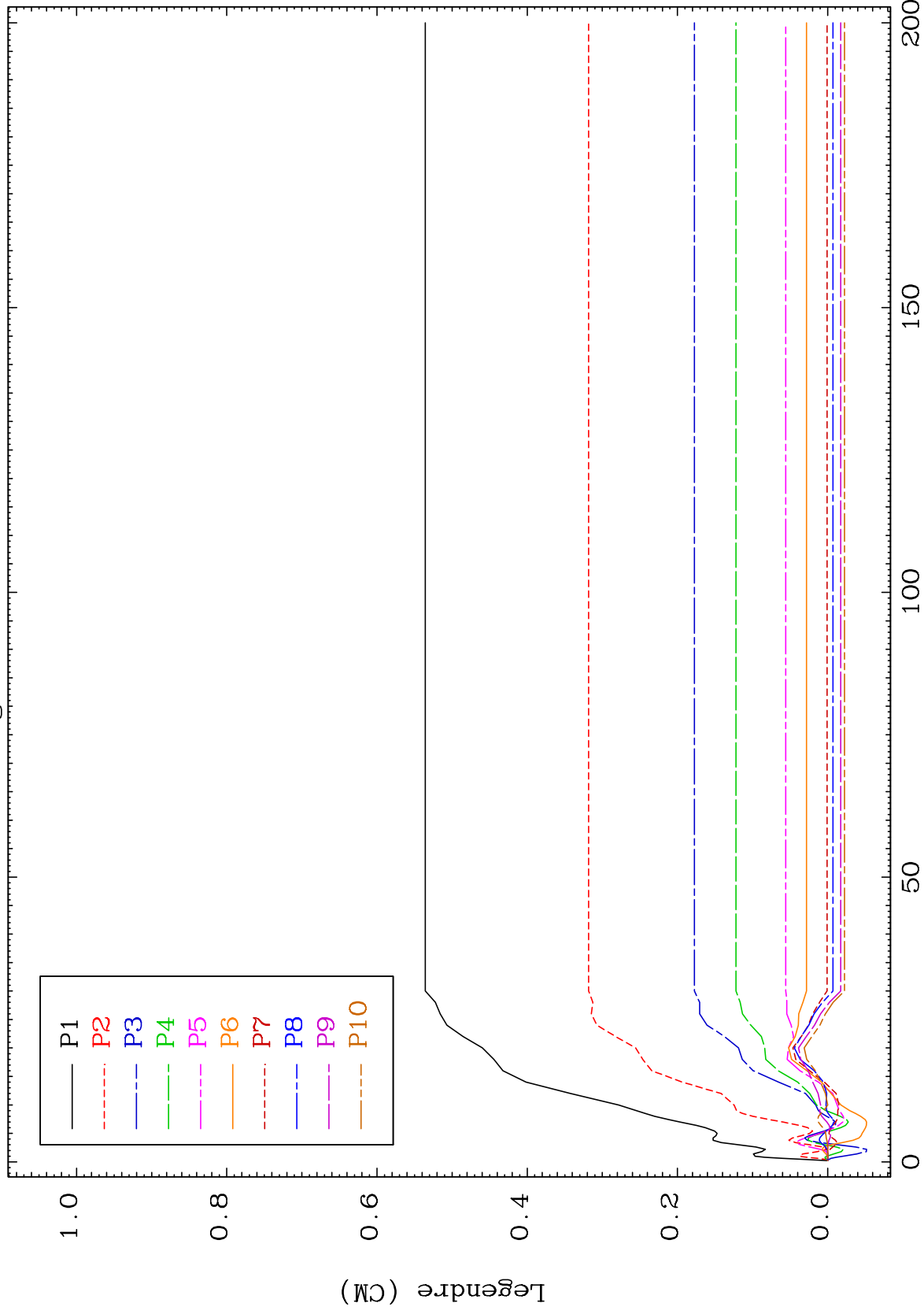
74-W -189

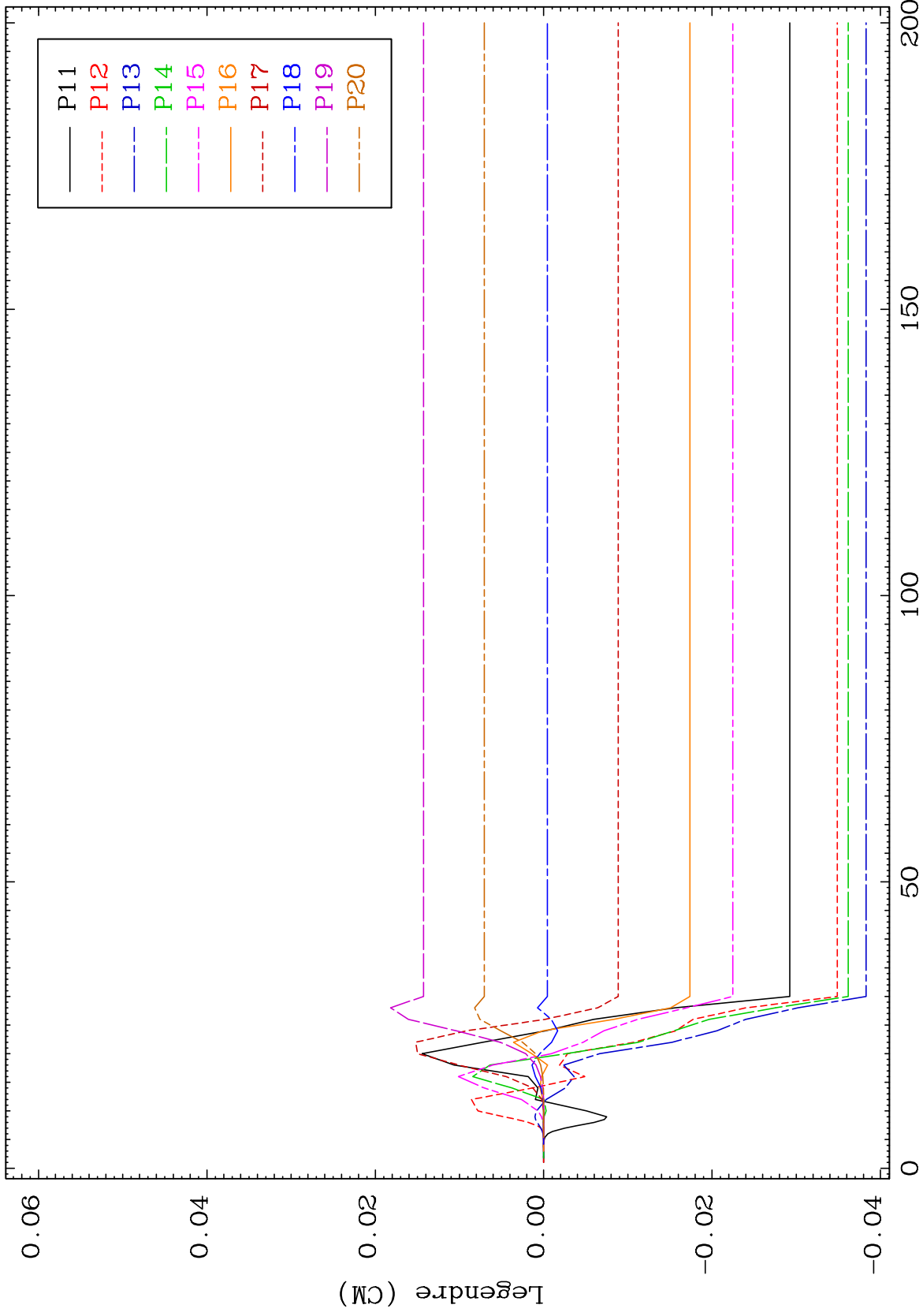
Incident Energy (MeV)

30





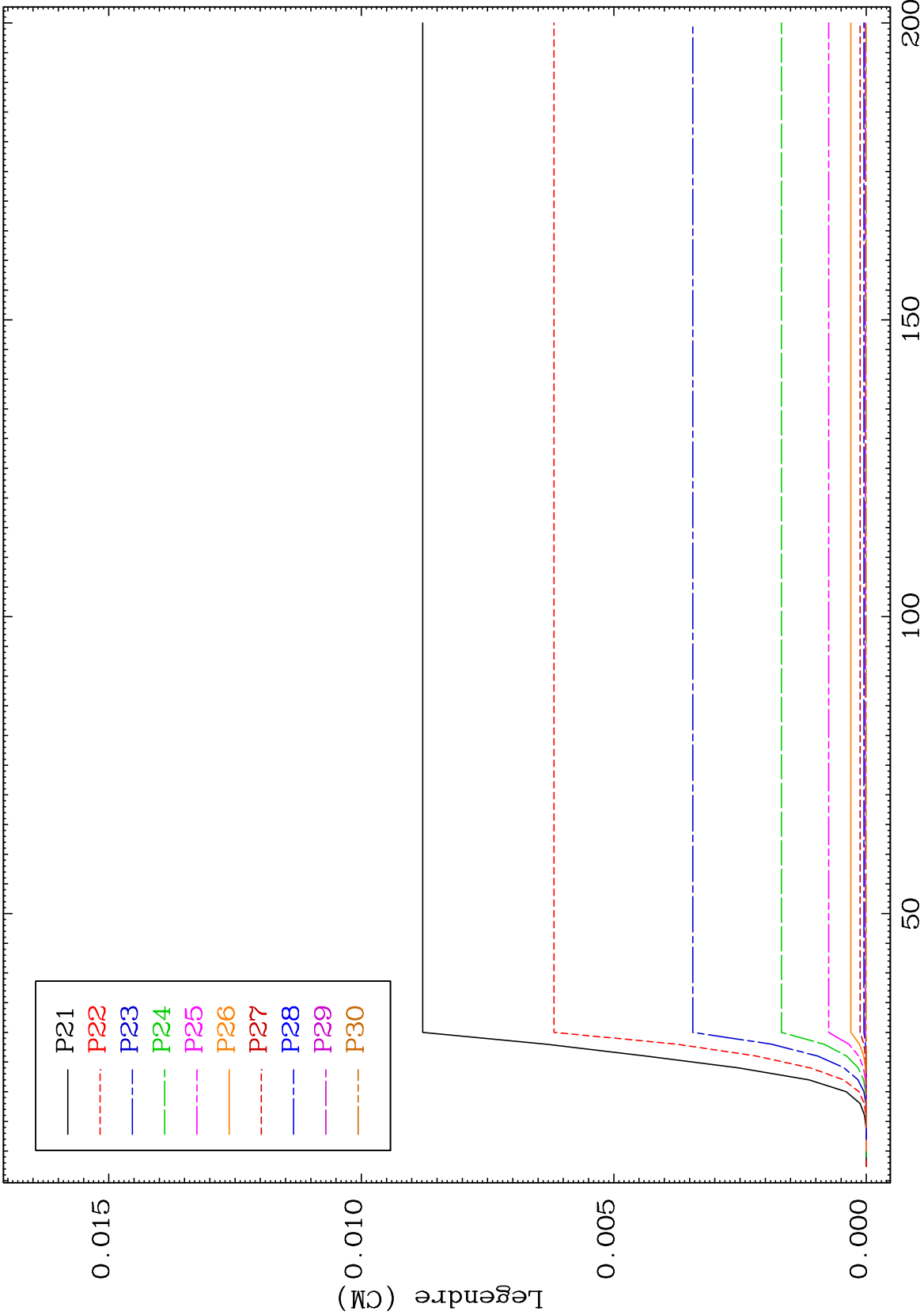




MAT 7452

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

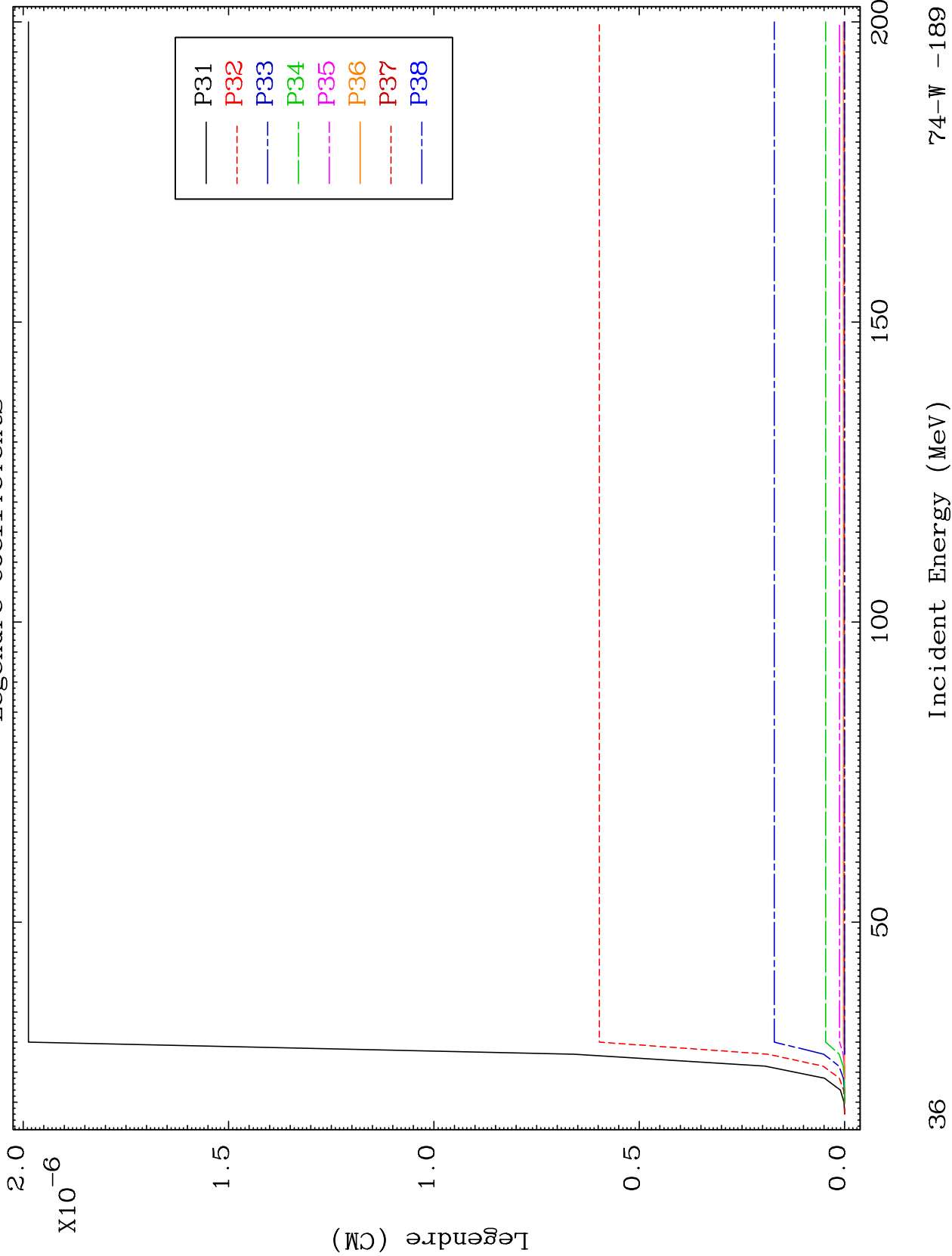
74-W -189



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Incident Energy (MeV)

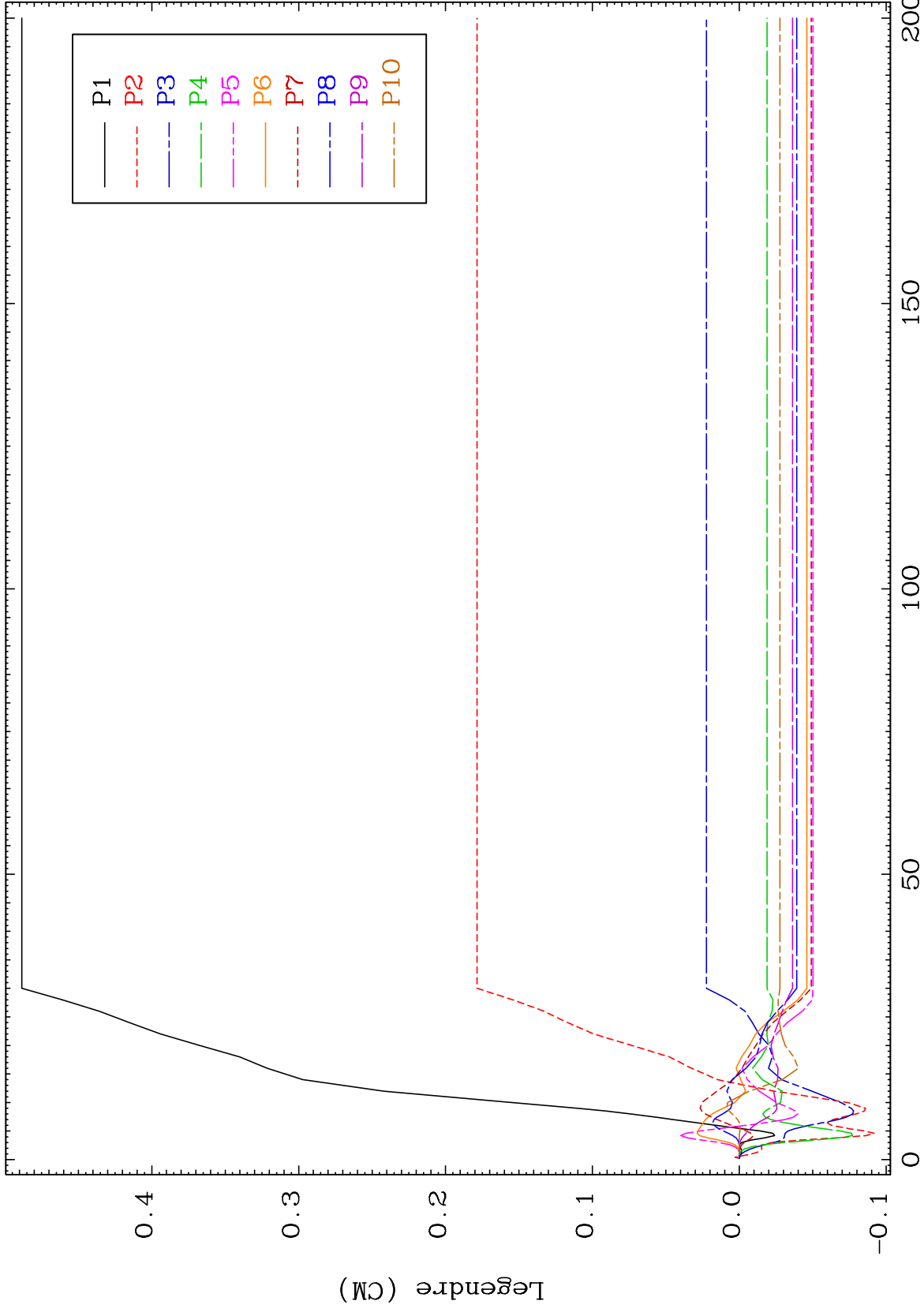
74-W -189



MAT 7452

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

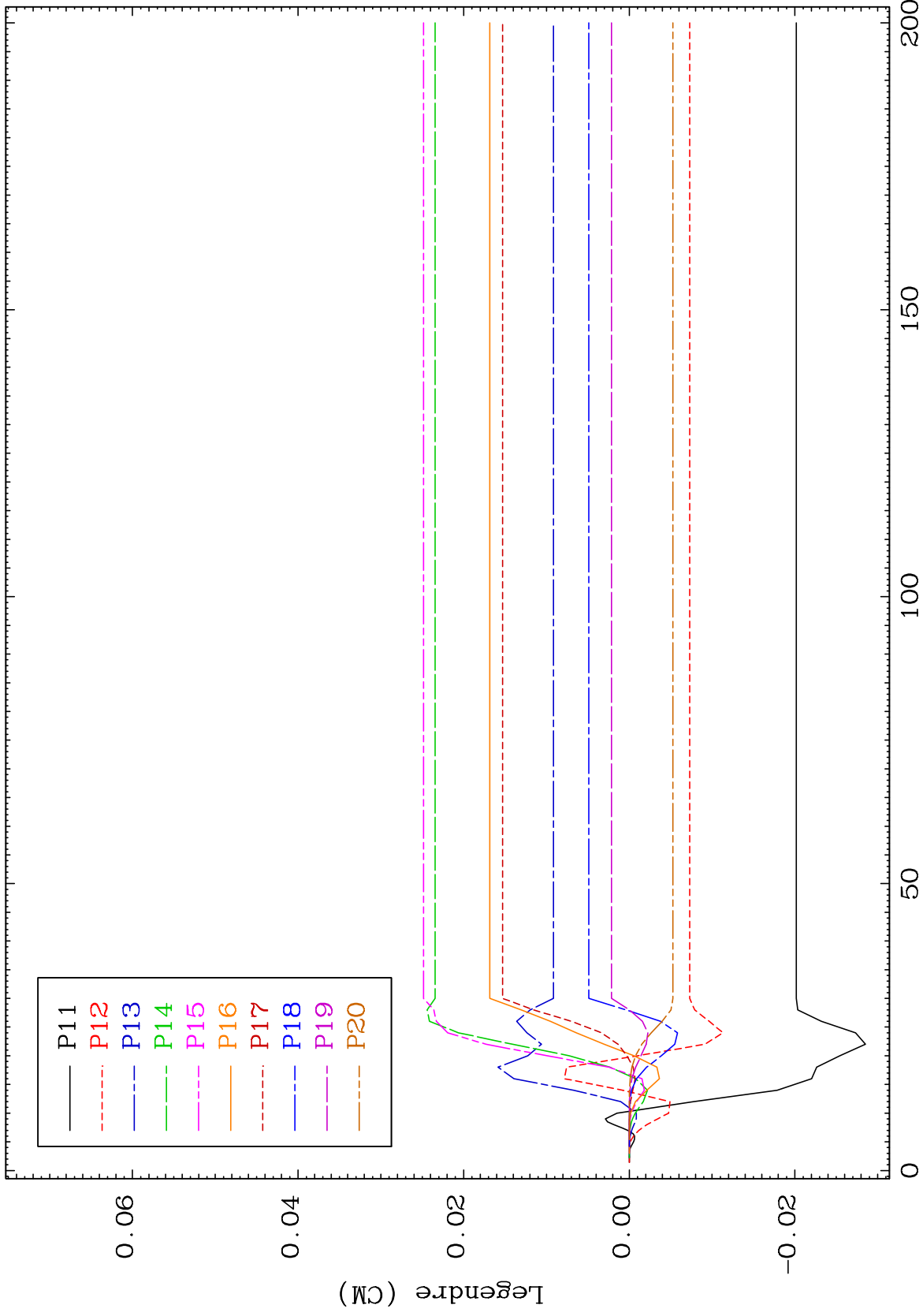
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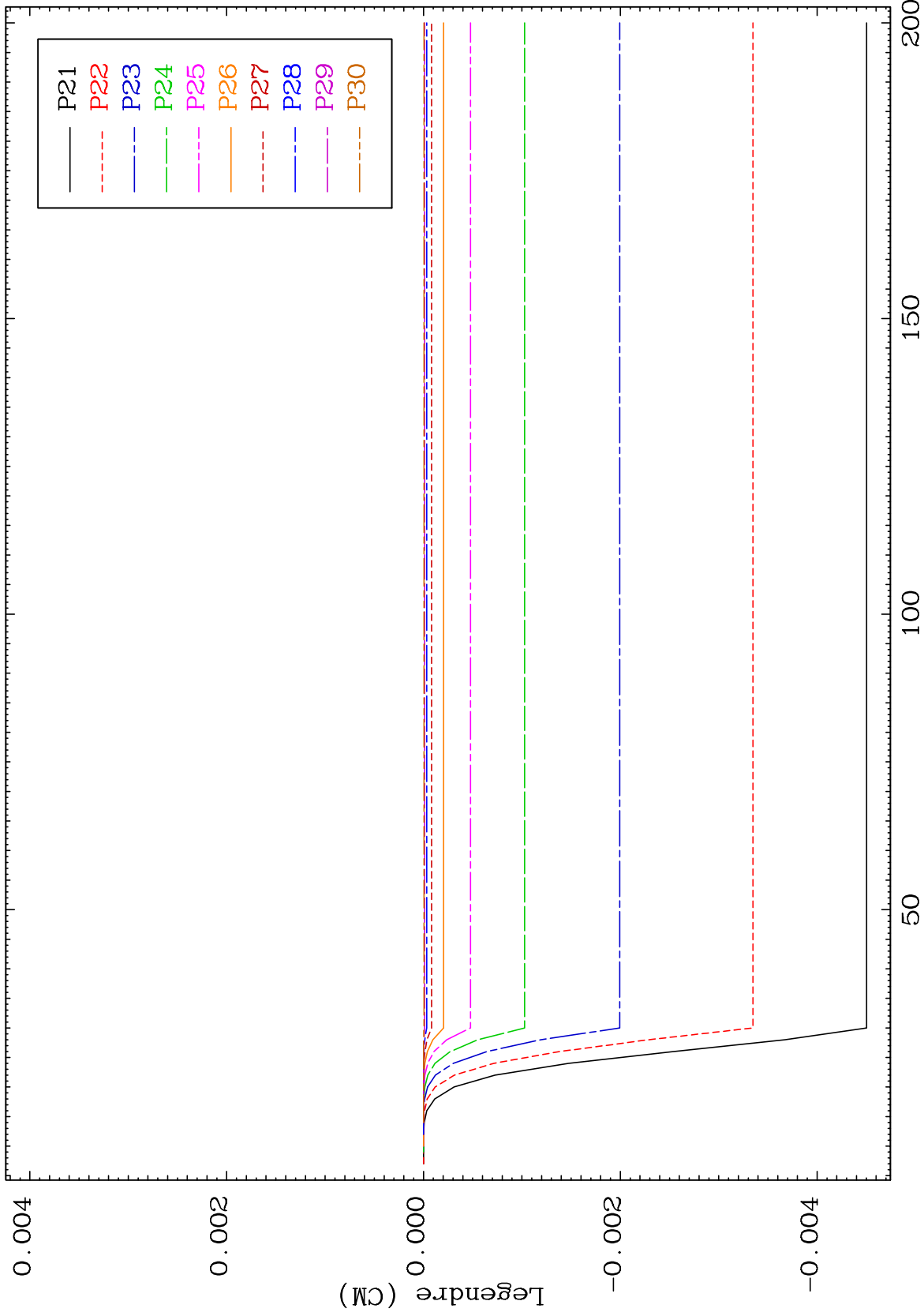


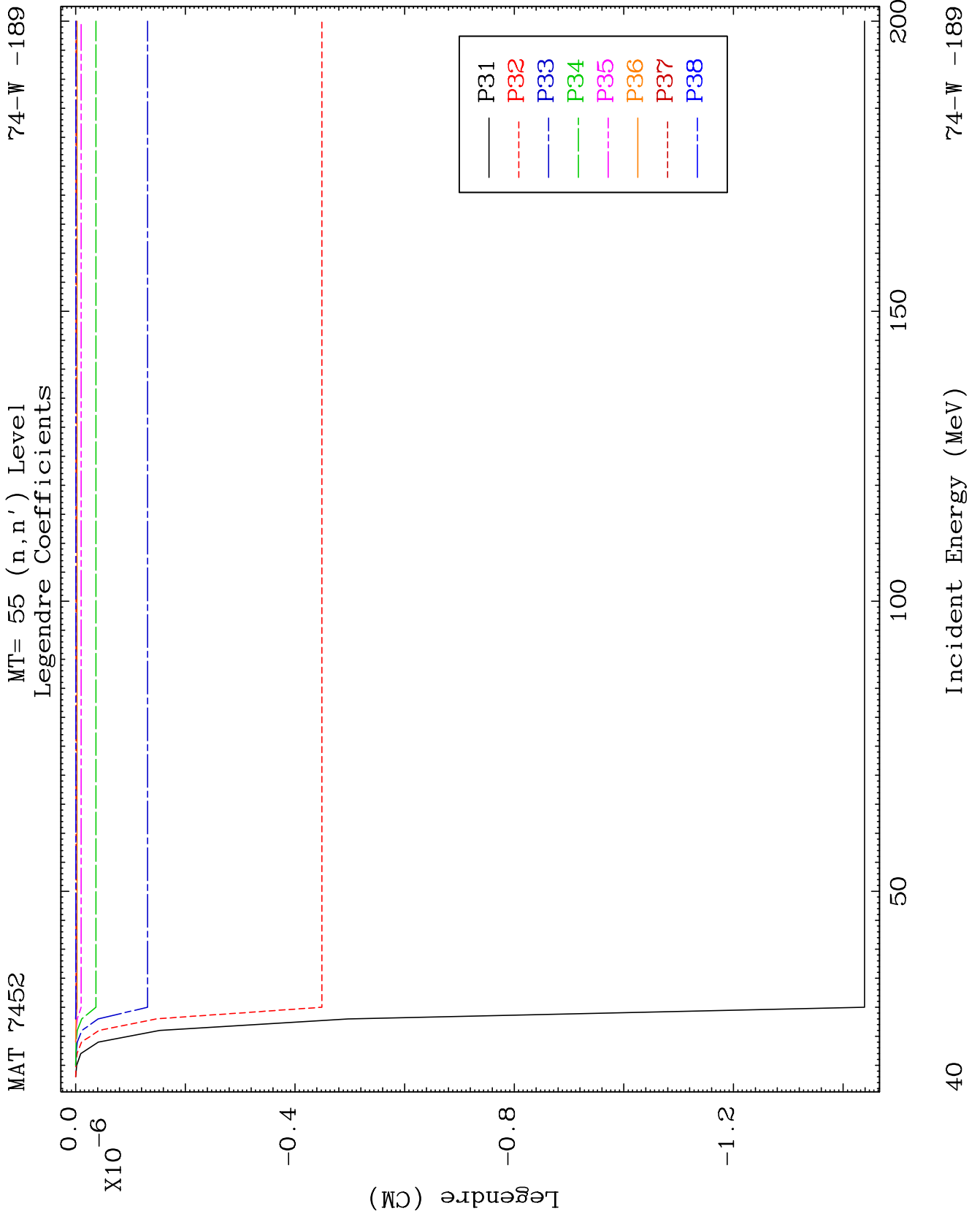
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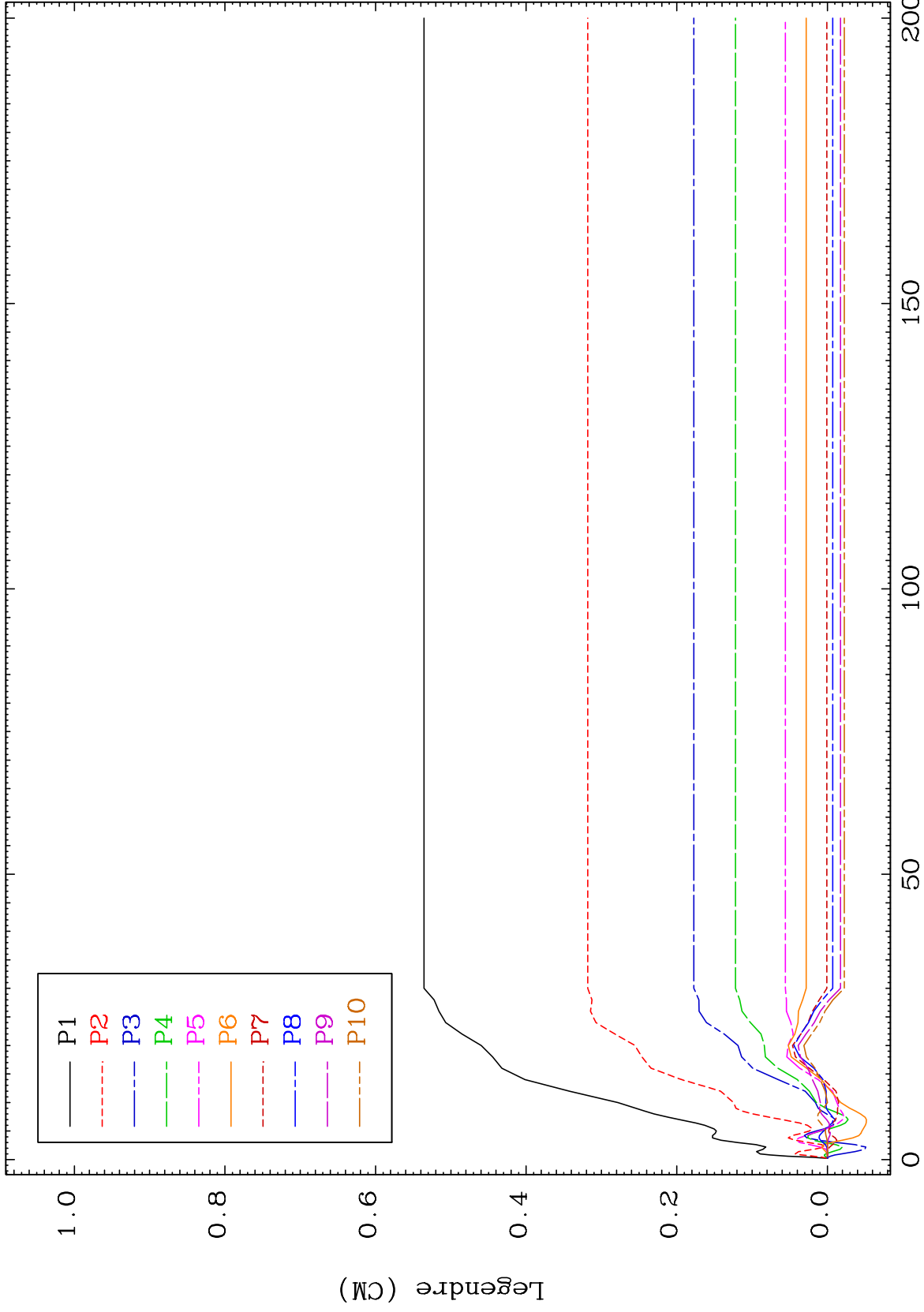
Incident Energy (MeV)

74-W -189





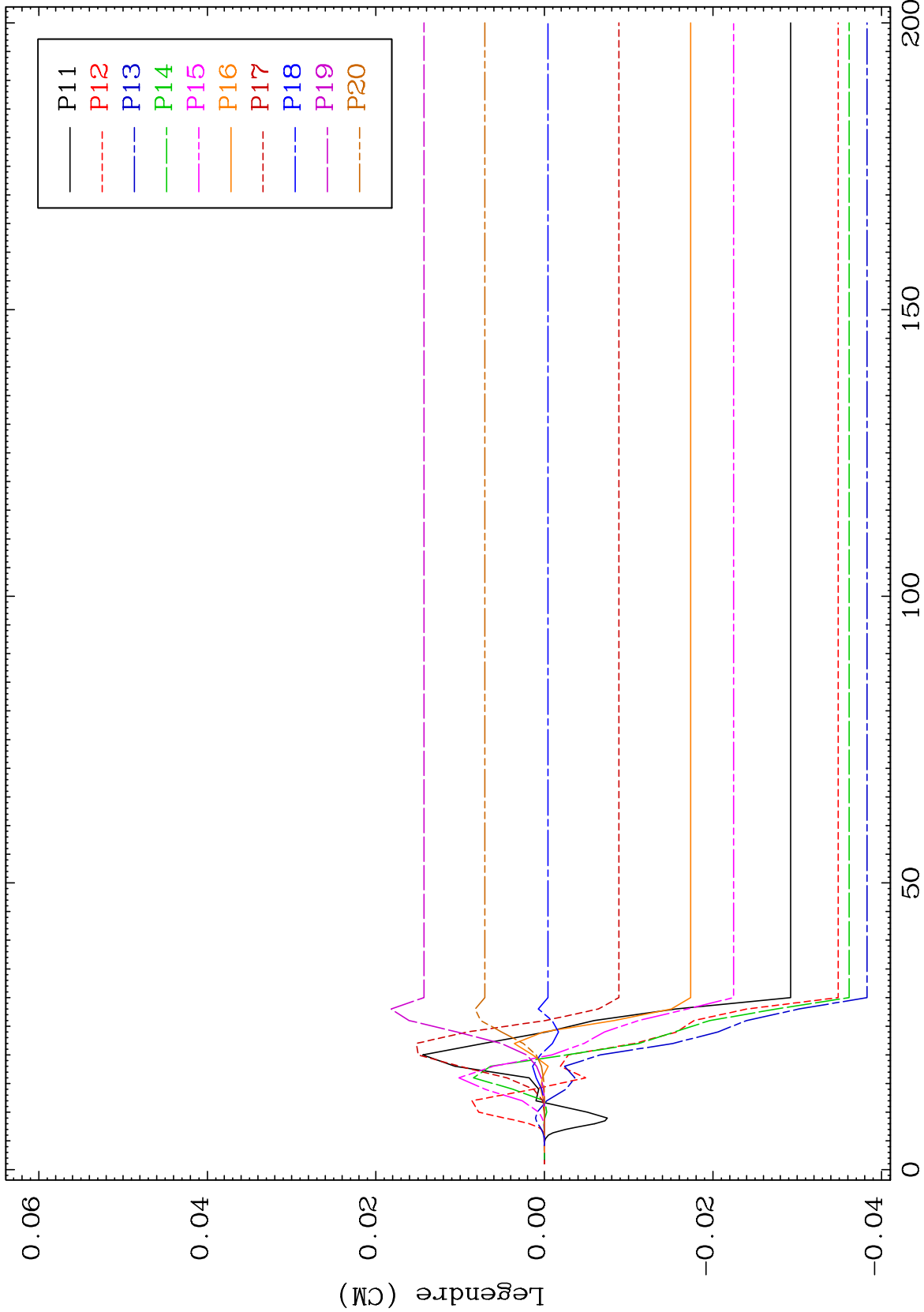




MAT 7452

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

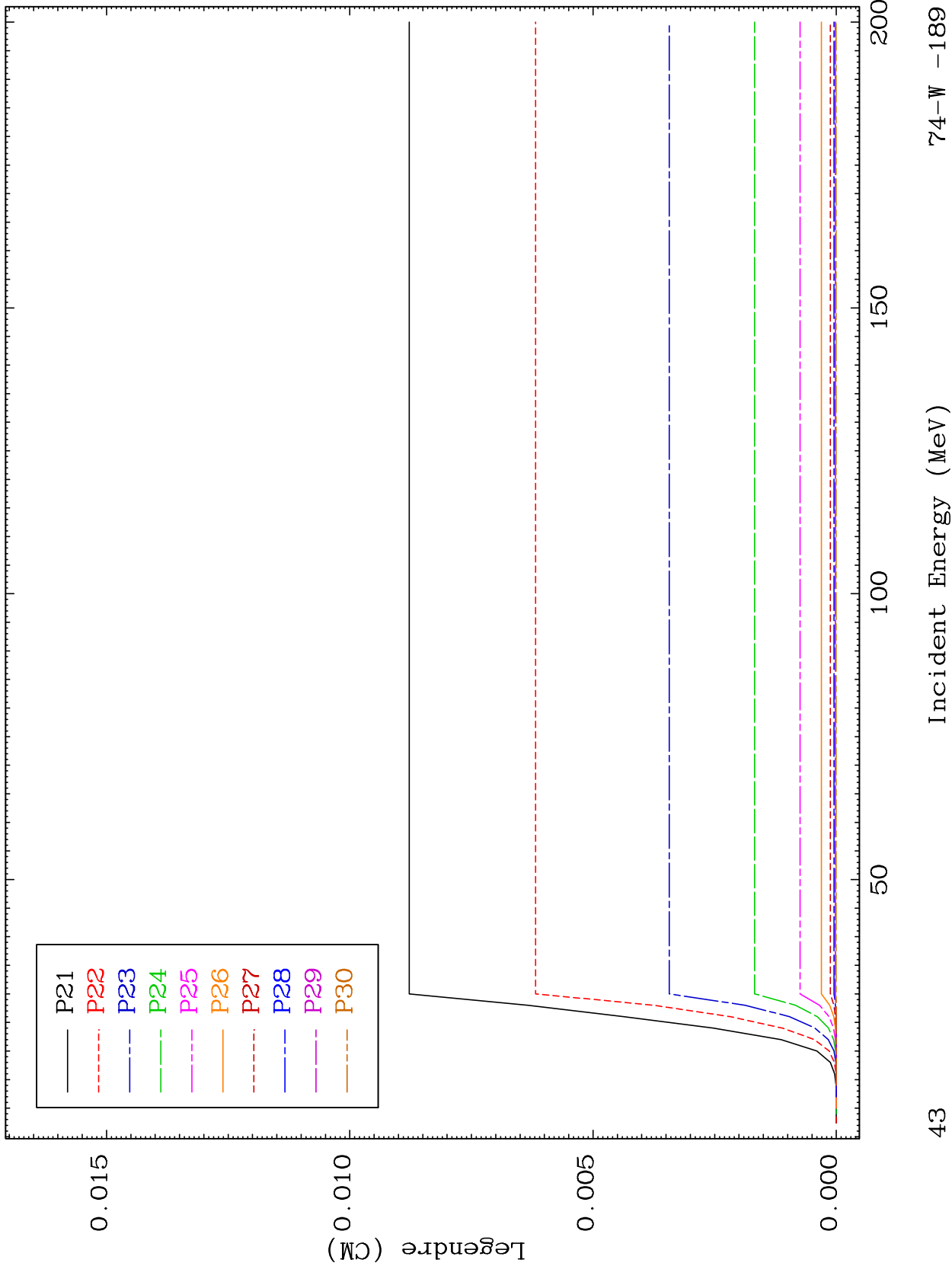
74-W -189

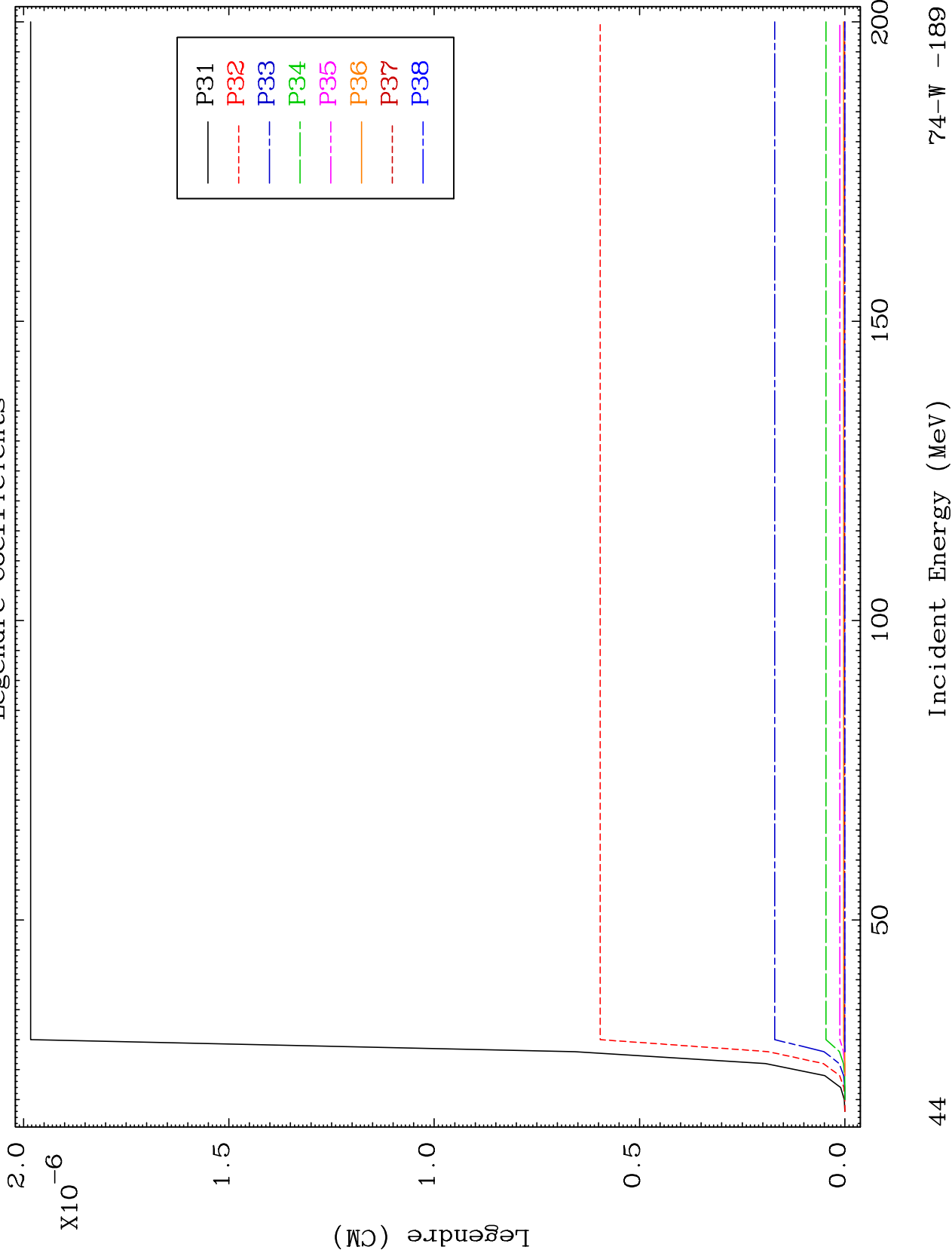


42

Incident Energy (MeV)

74-W -189

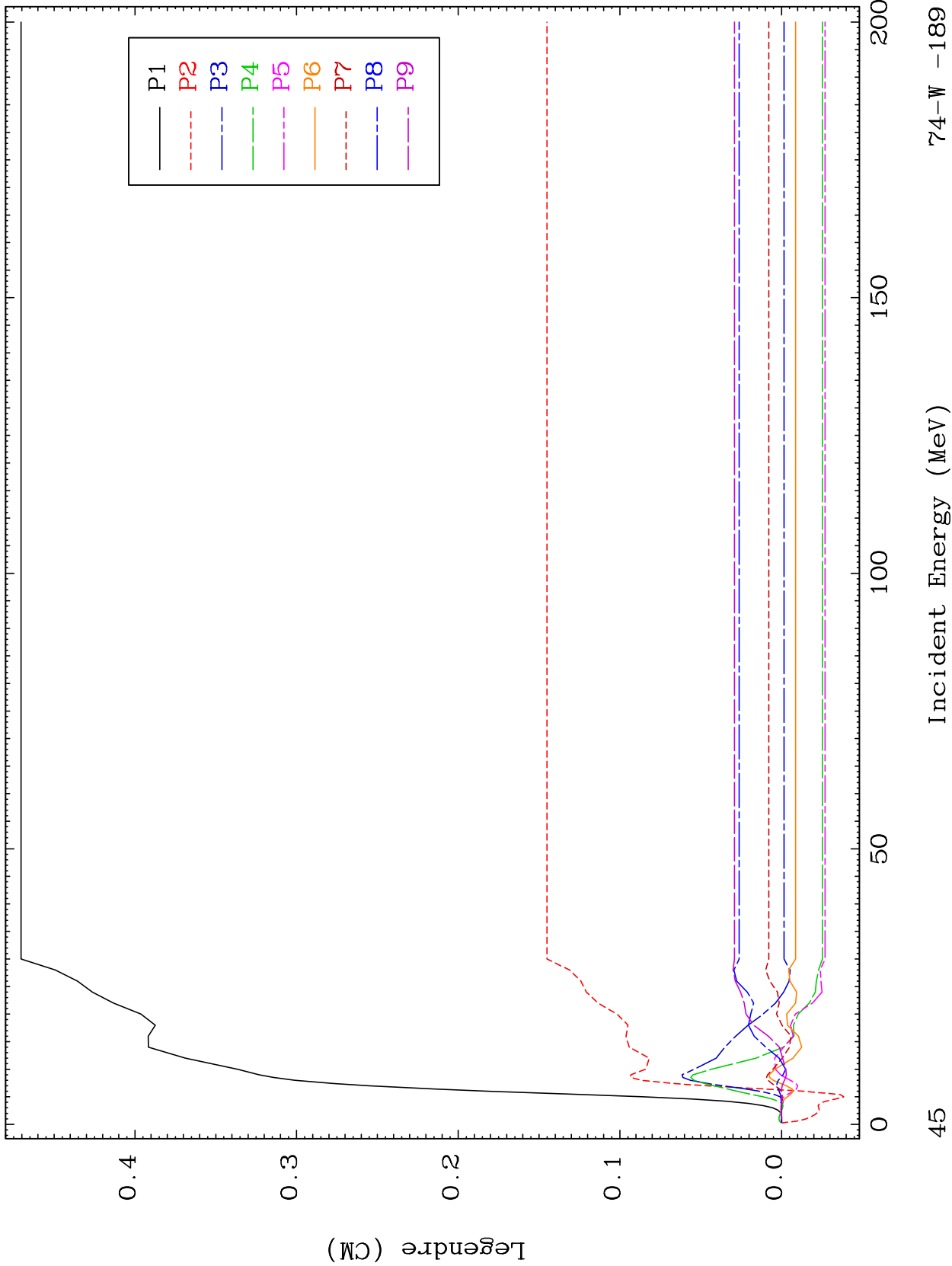




MAT 7452

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

74-W -189



74-W -189

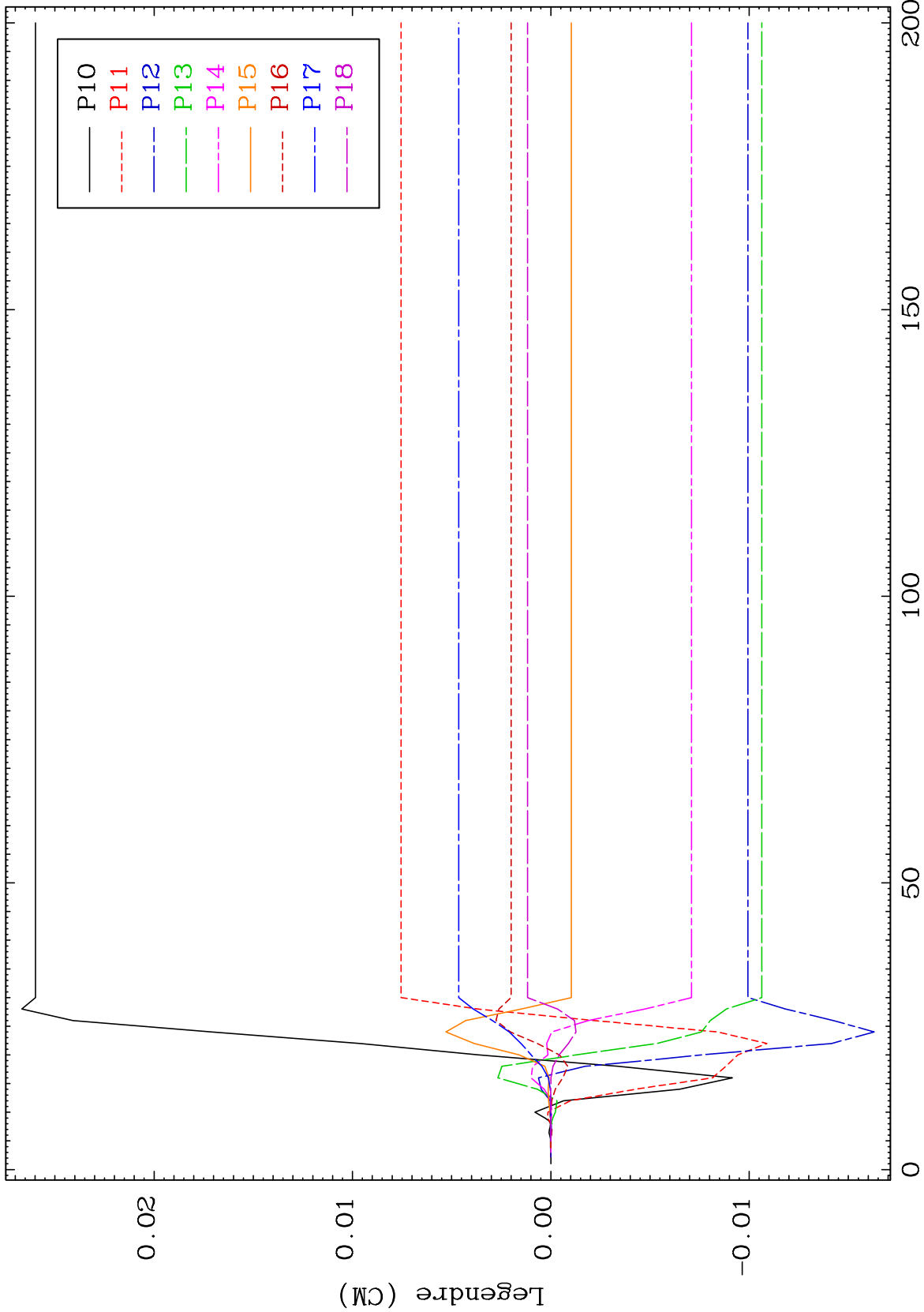
Incident Energy (MeV)

45

MAT 7452

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

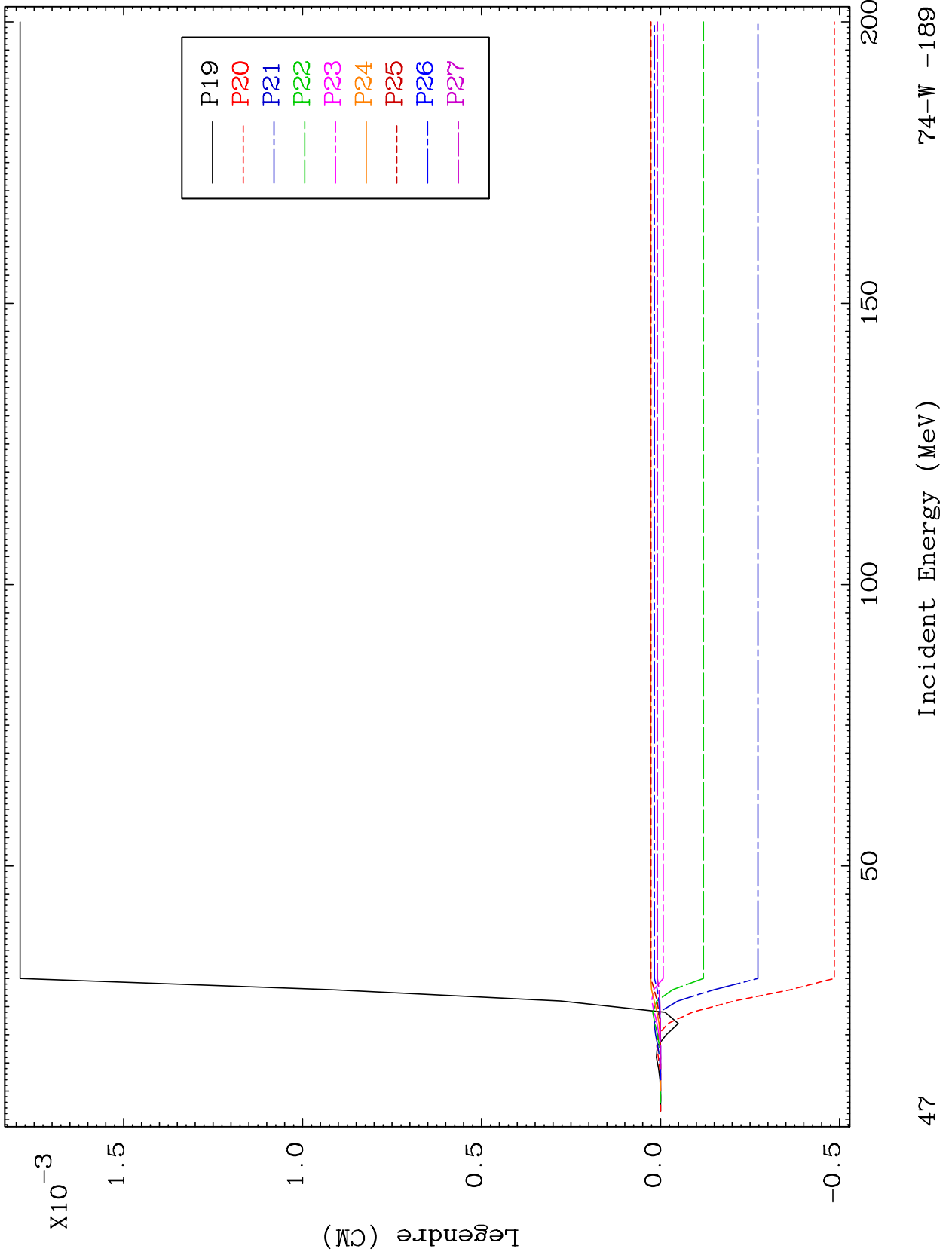
74-W -189



46

Incident Energy (MeV)

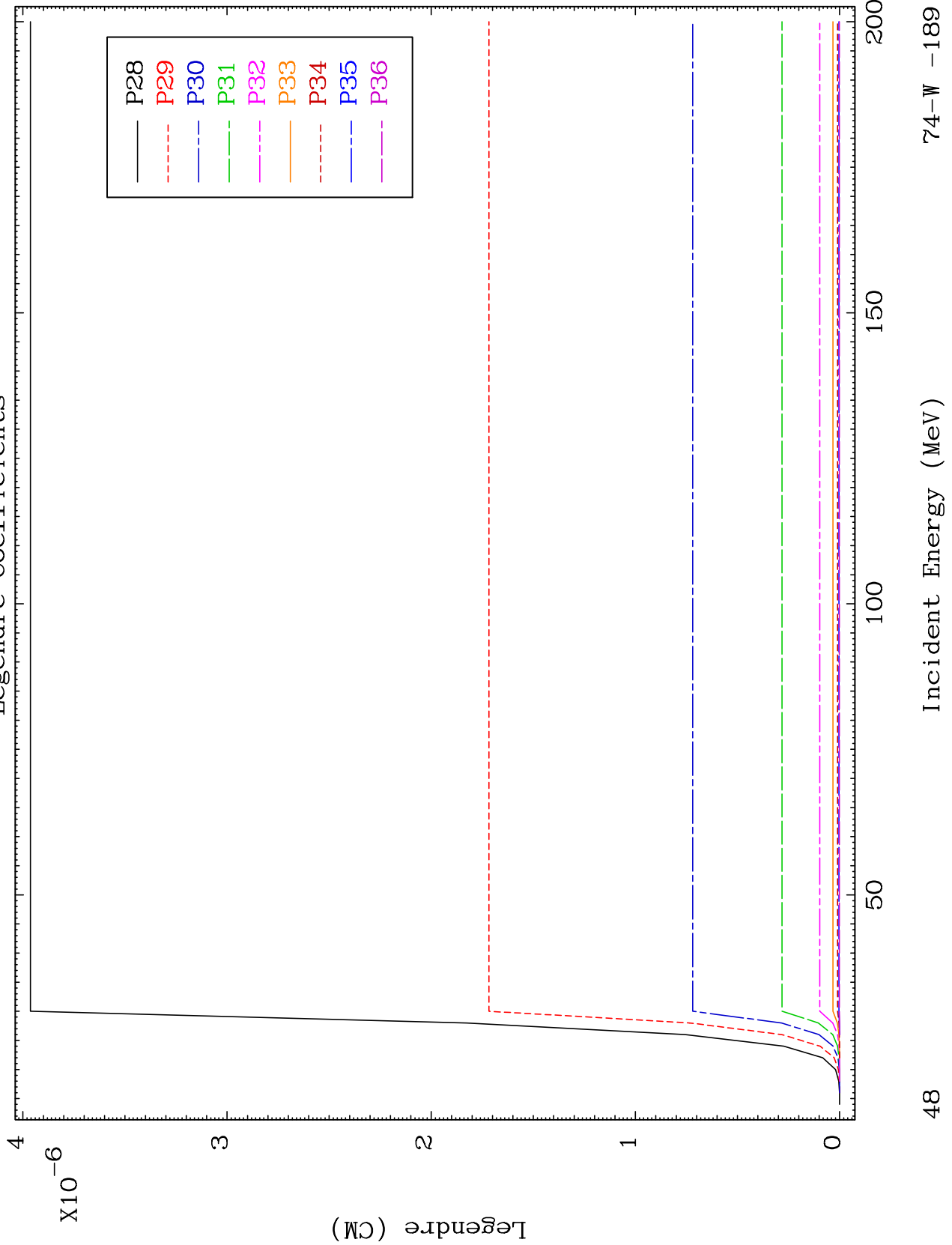
74-W -189



MAT 7452

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

74-W -189



48

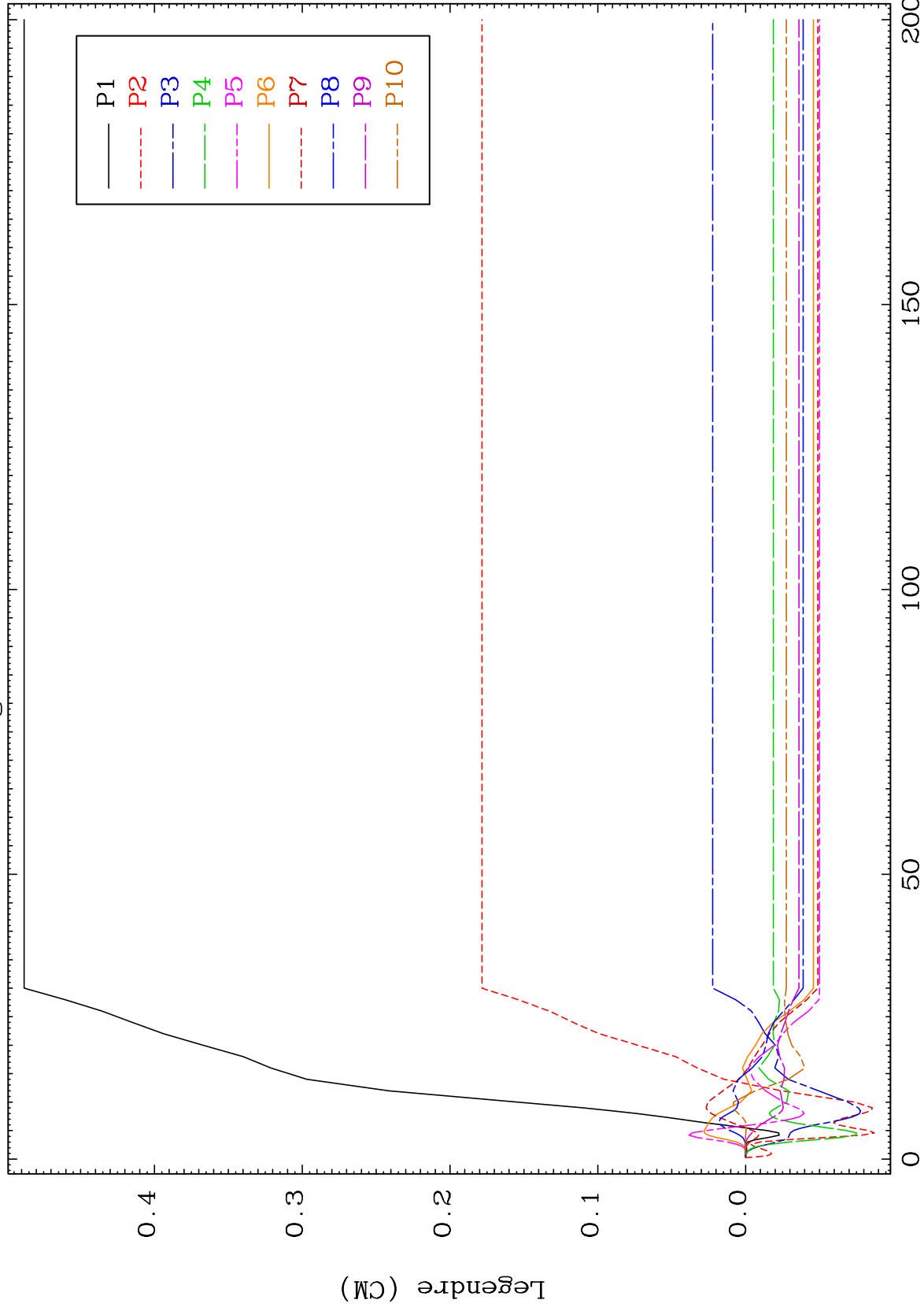
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



49

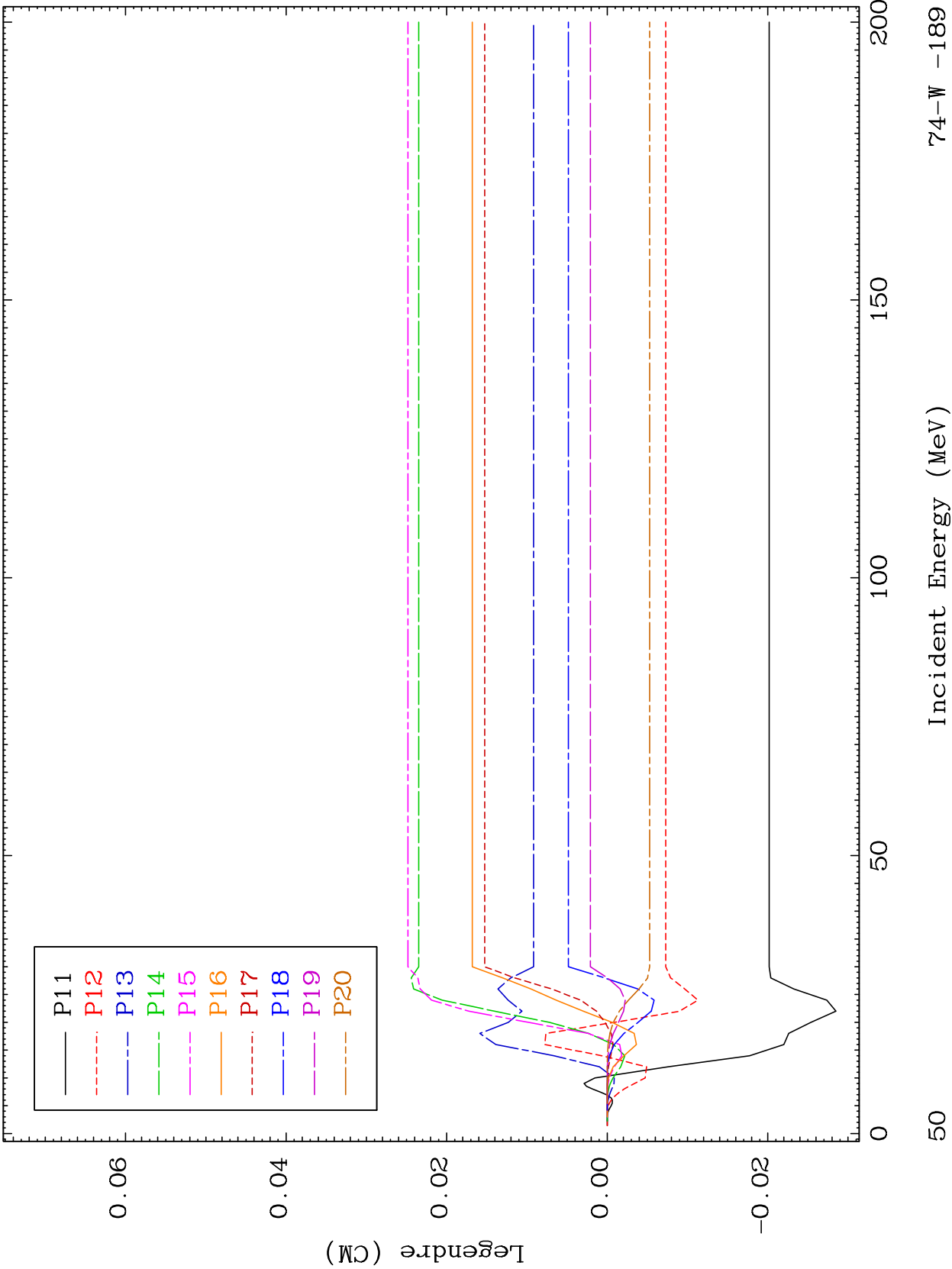
Incident Energy (MeV)

74-W -189

MAT 7452

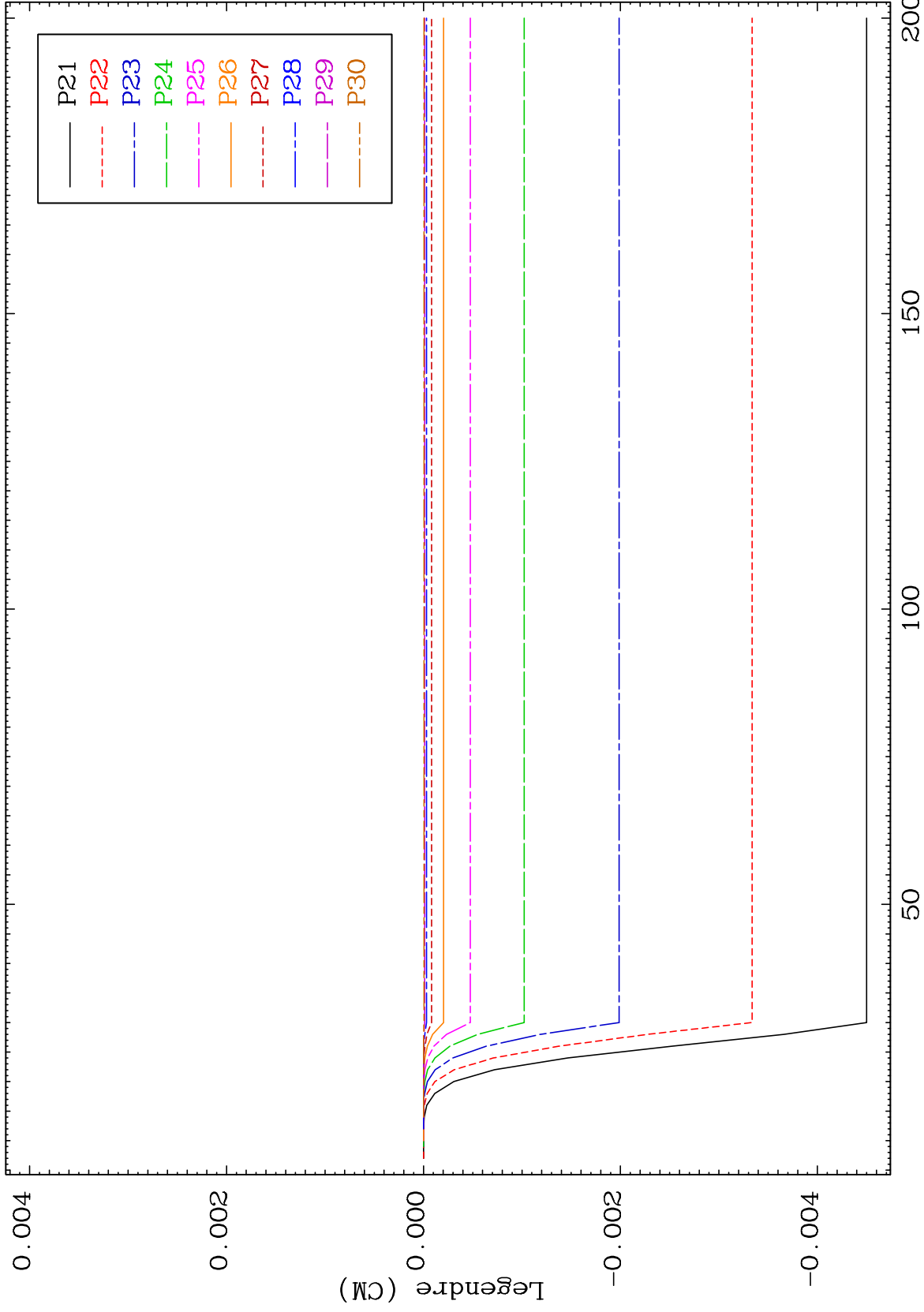
MT= 58 (n,n') Level
Legendre Coefficients

74-W -189



74-W -189

Incident Energy (MeV)

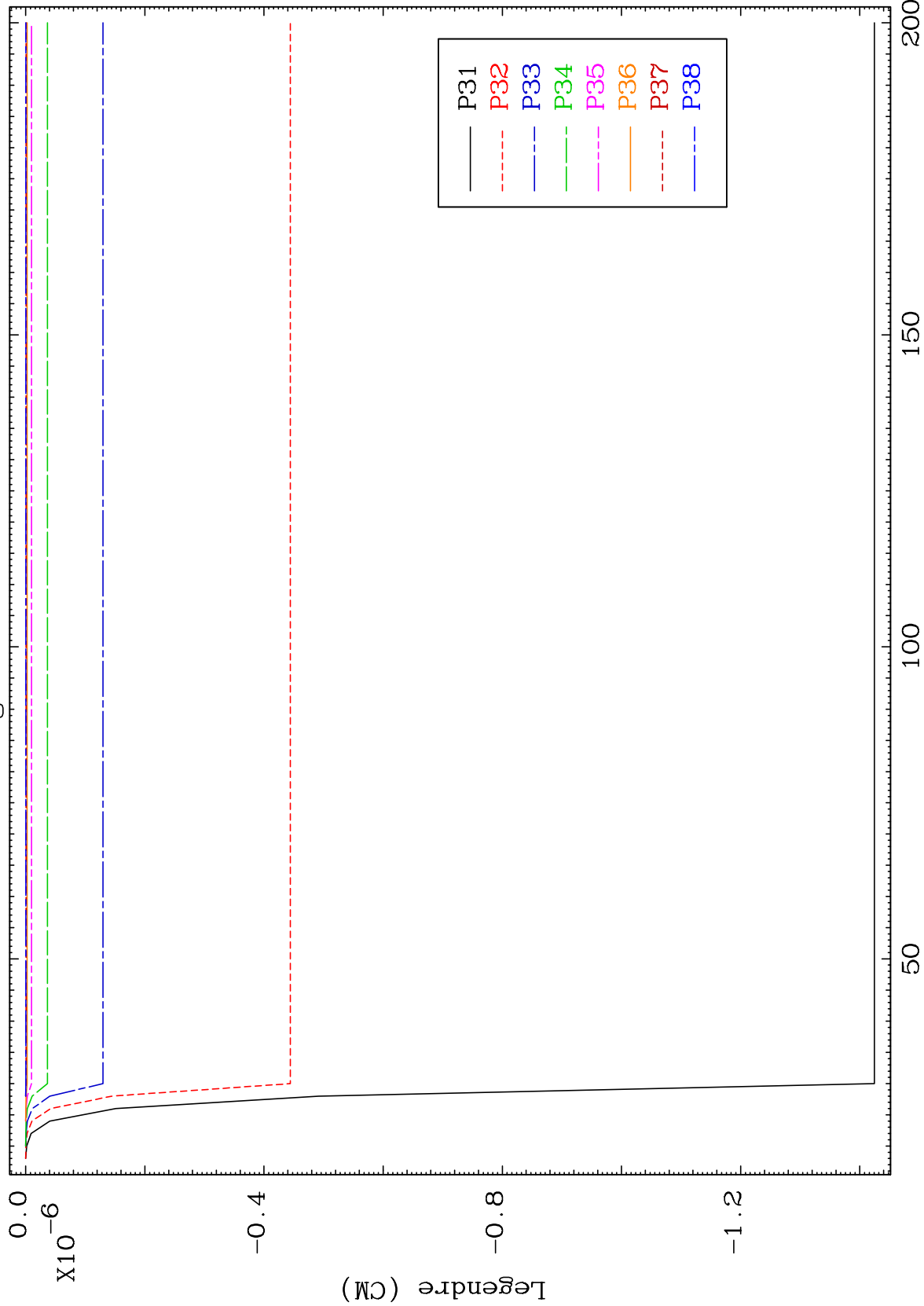


MAT 7452

MT= 58 (n,n') Level

74-W -189

Legendre Coefficients



52

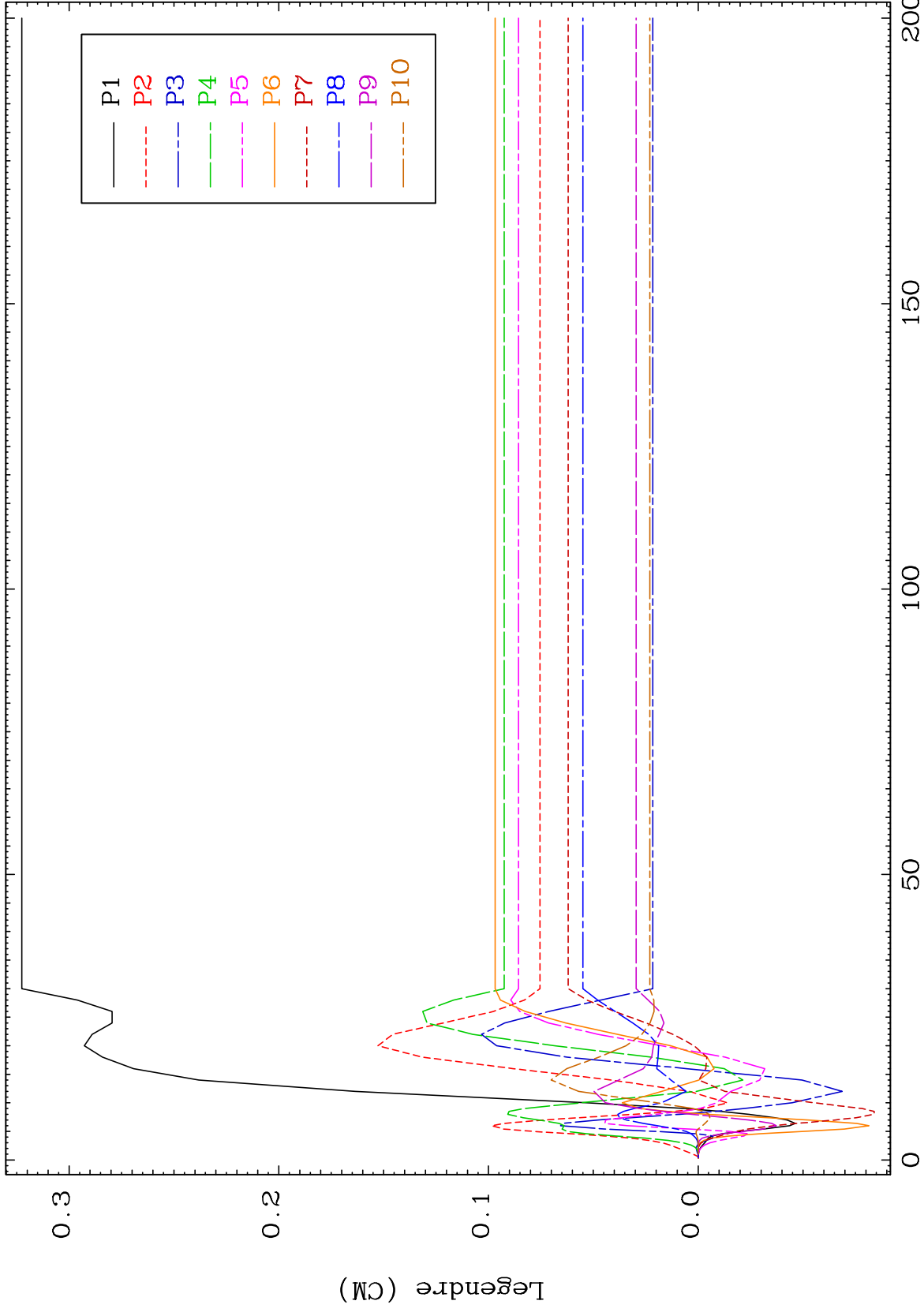
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



53

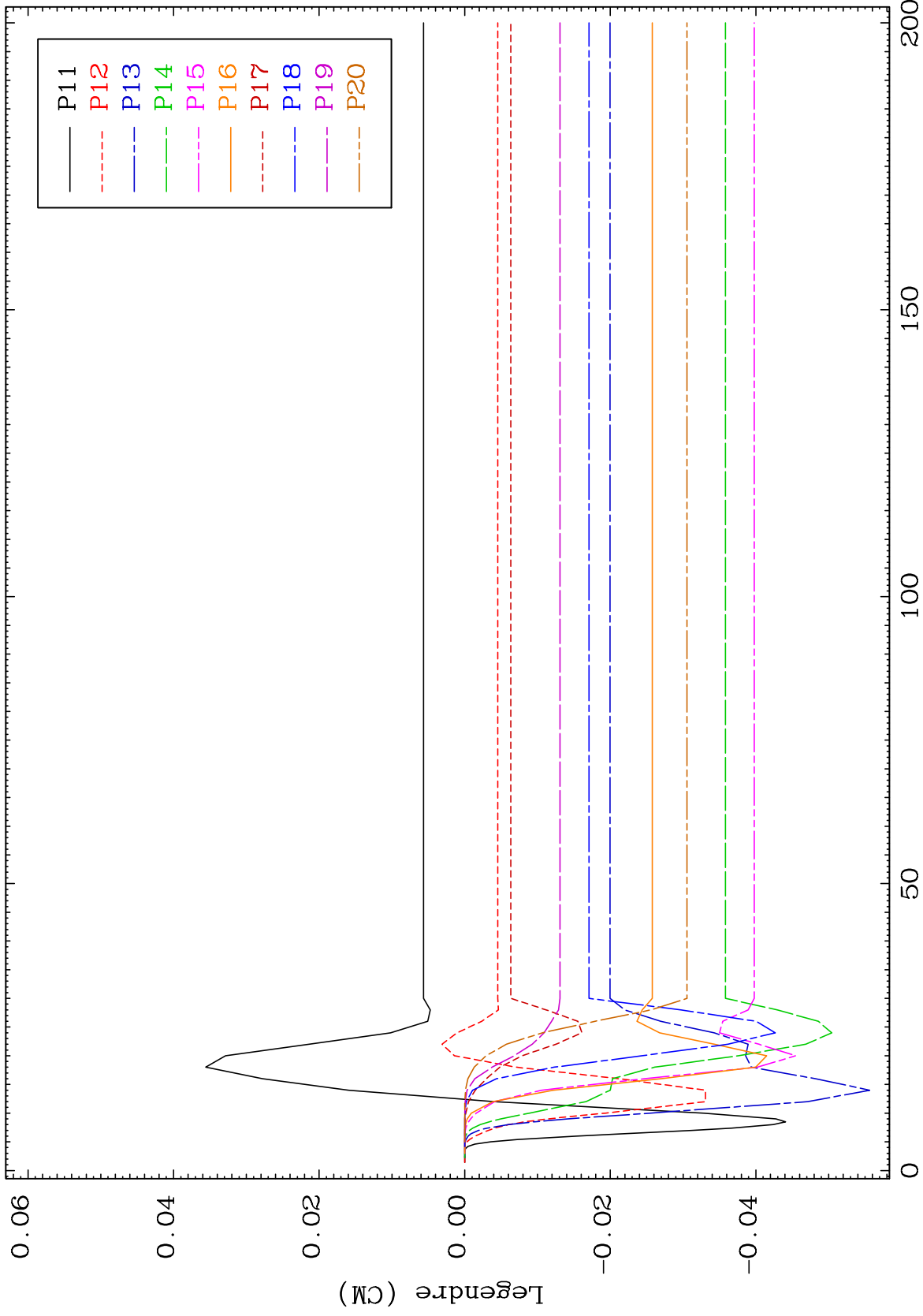
Incident Energy (MeV)

74-W -189

MAT 7452

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

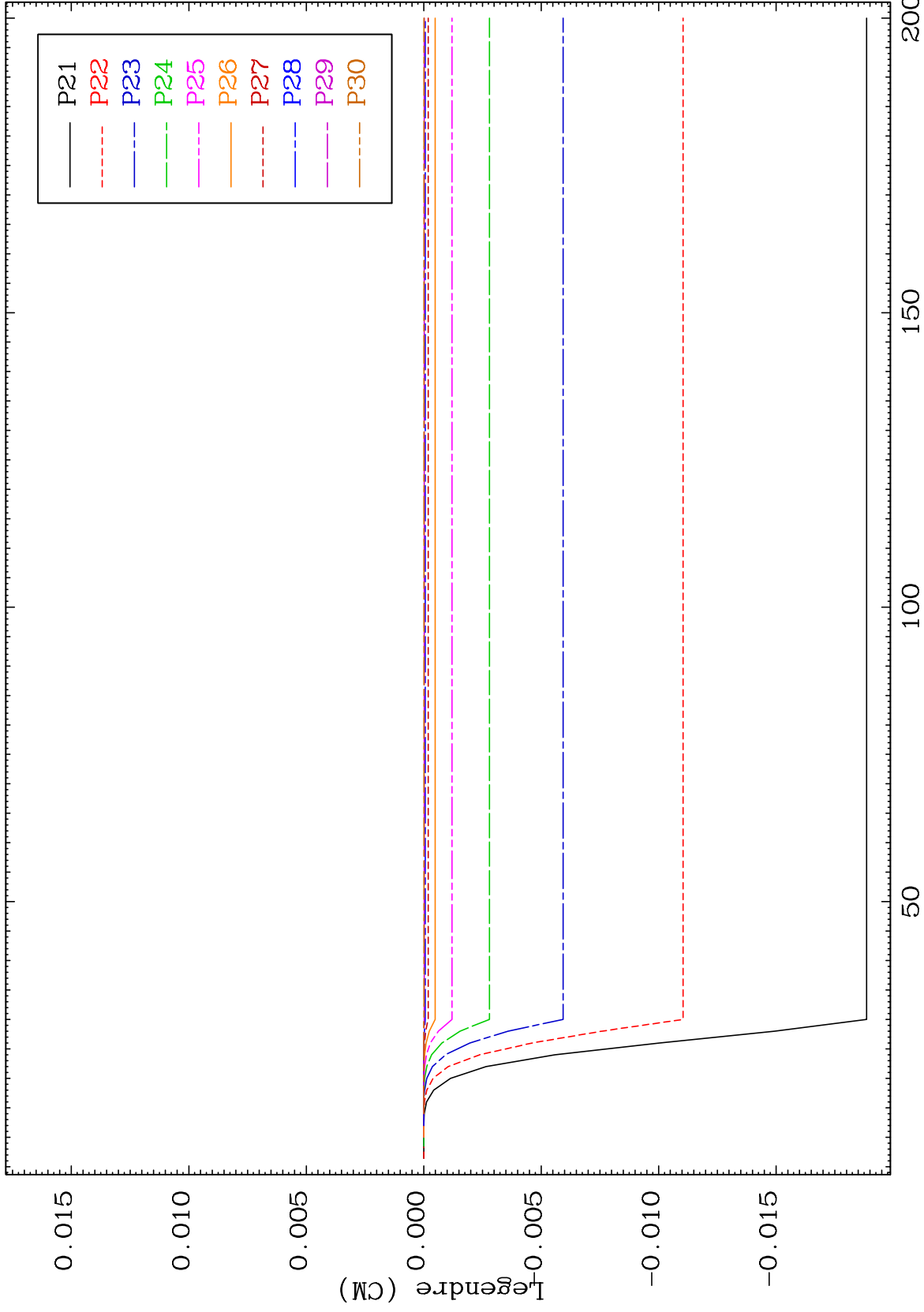
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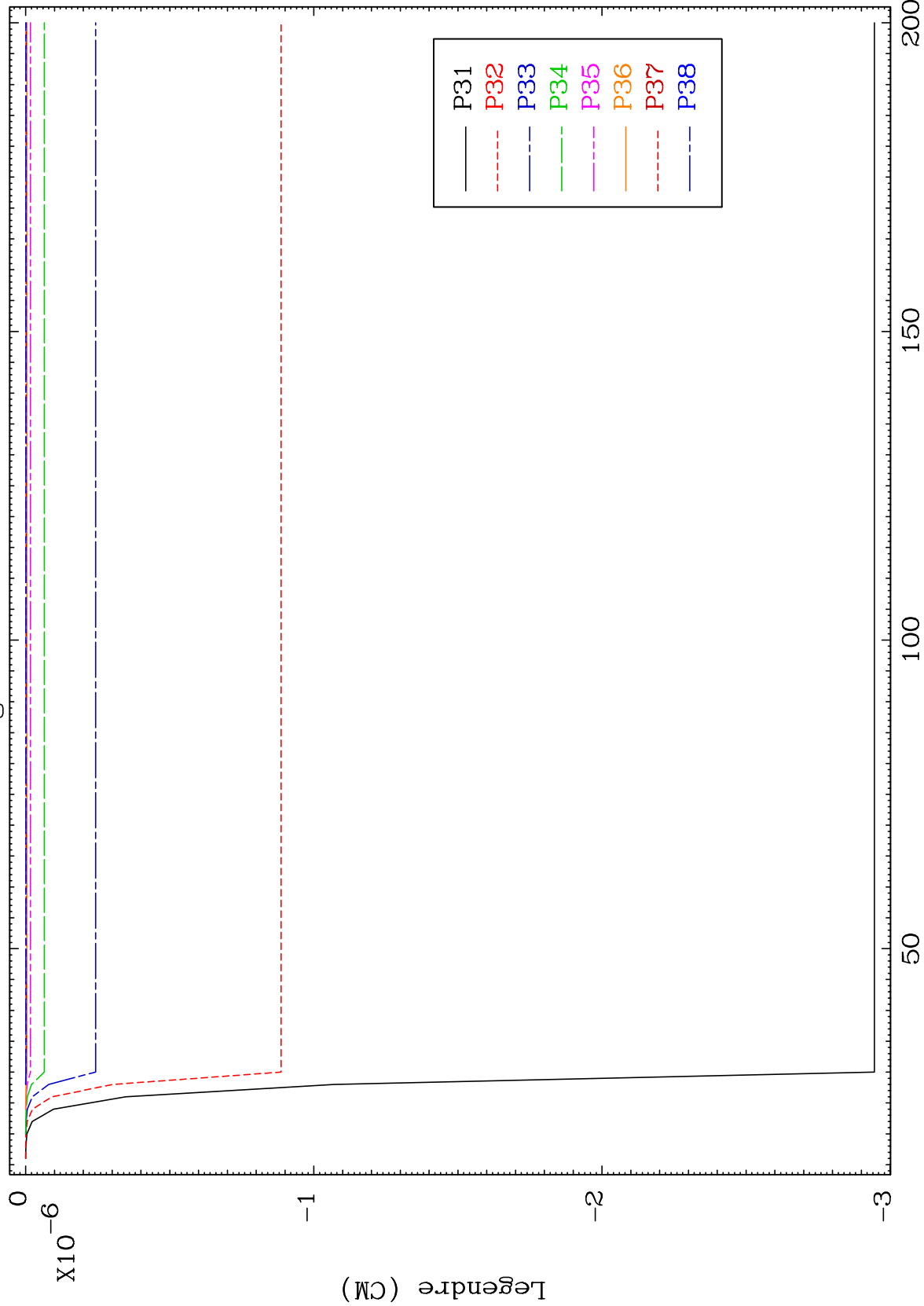


54

Incident Energy (MeV)

74-W -189

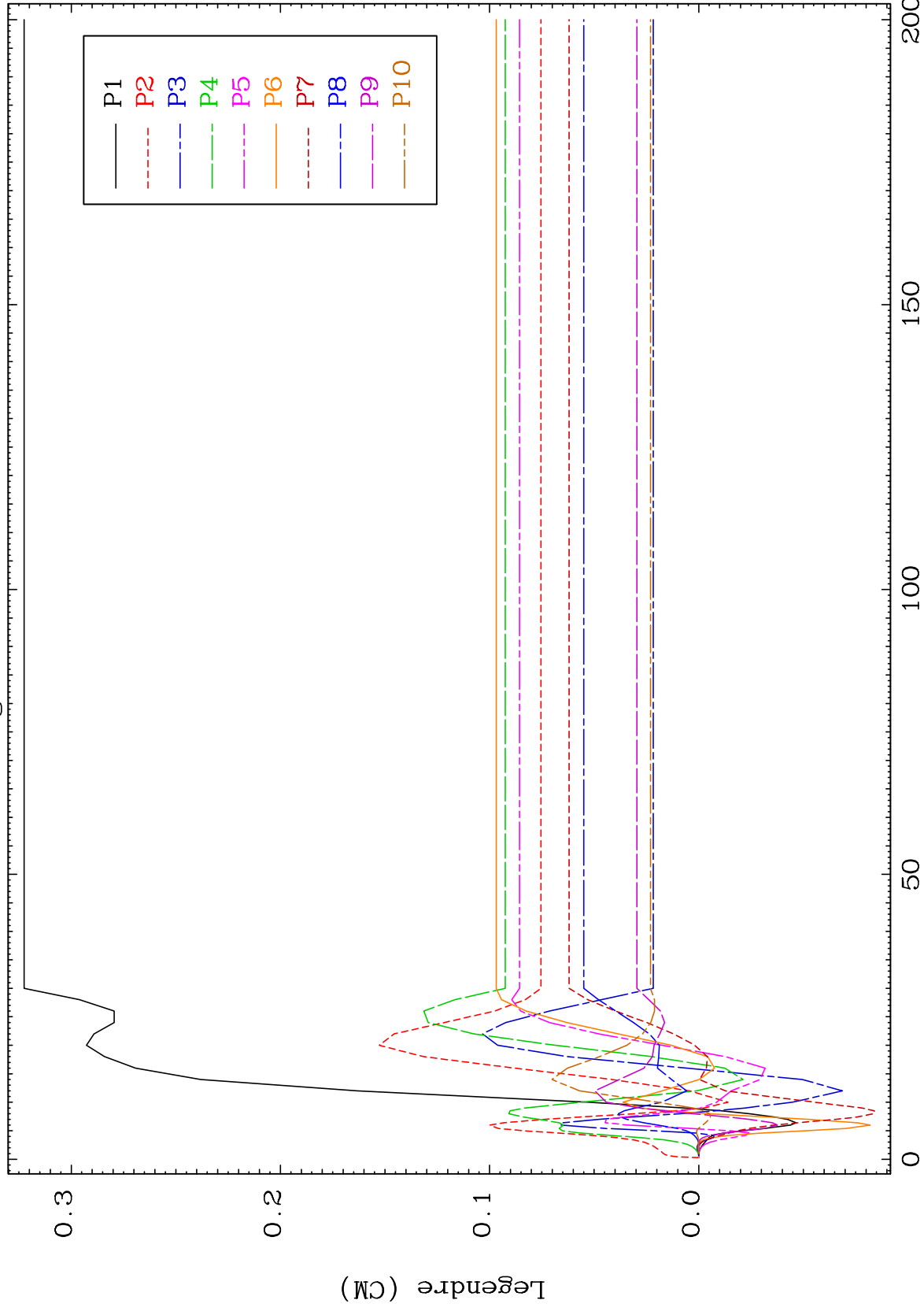




MAT 7452

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

74-W -189



57

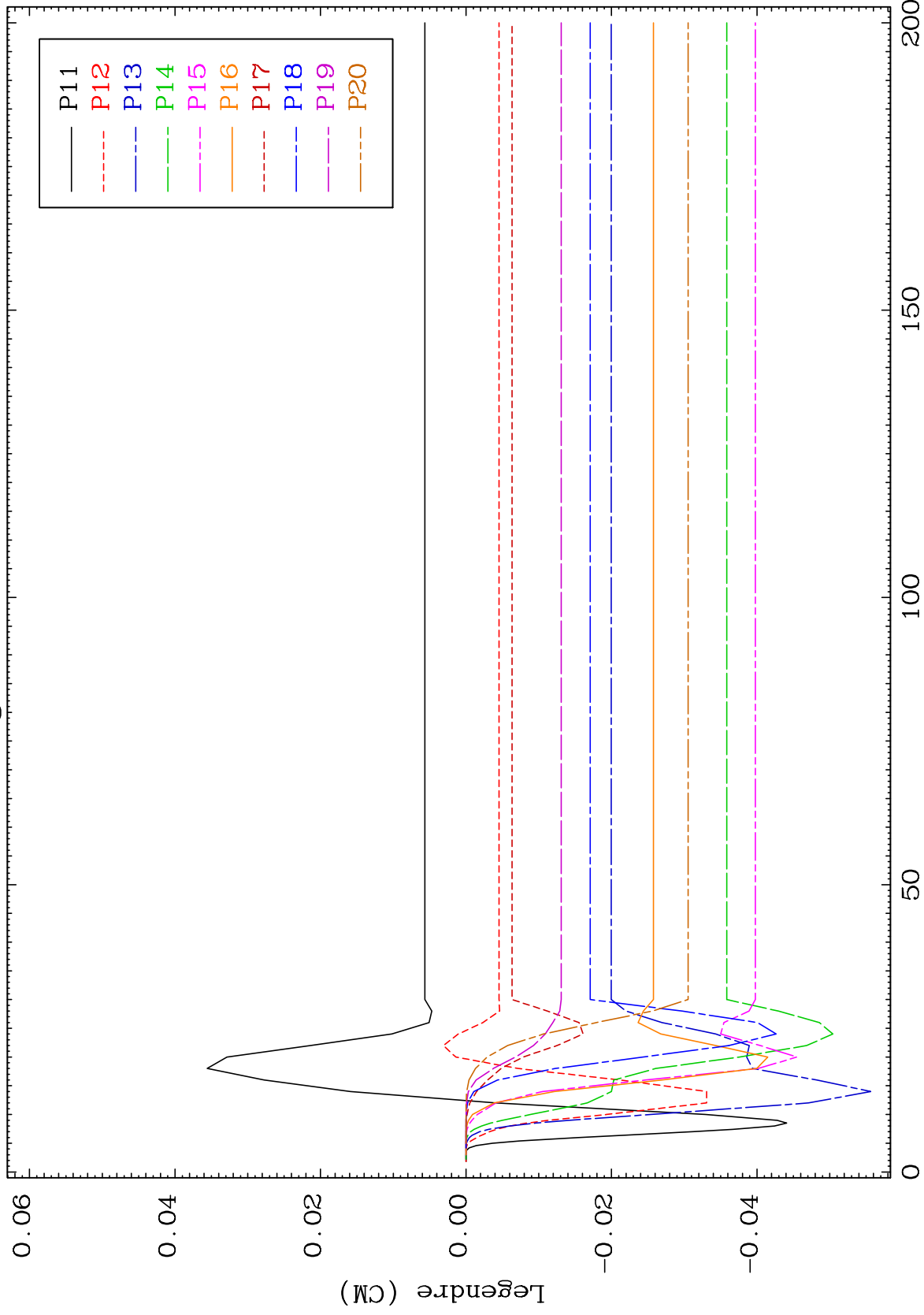
Incident Energy (MeV)

74-W -189

MAT 7452

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

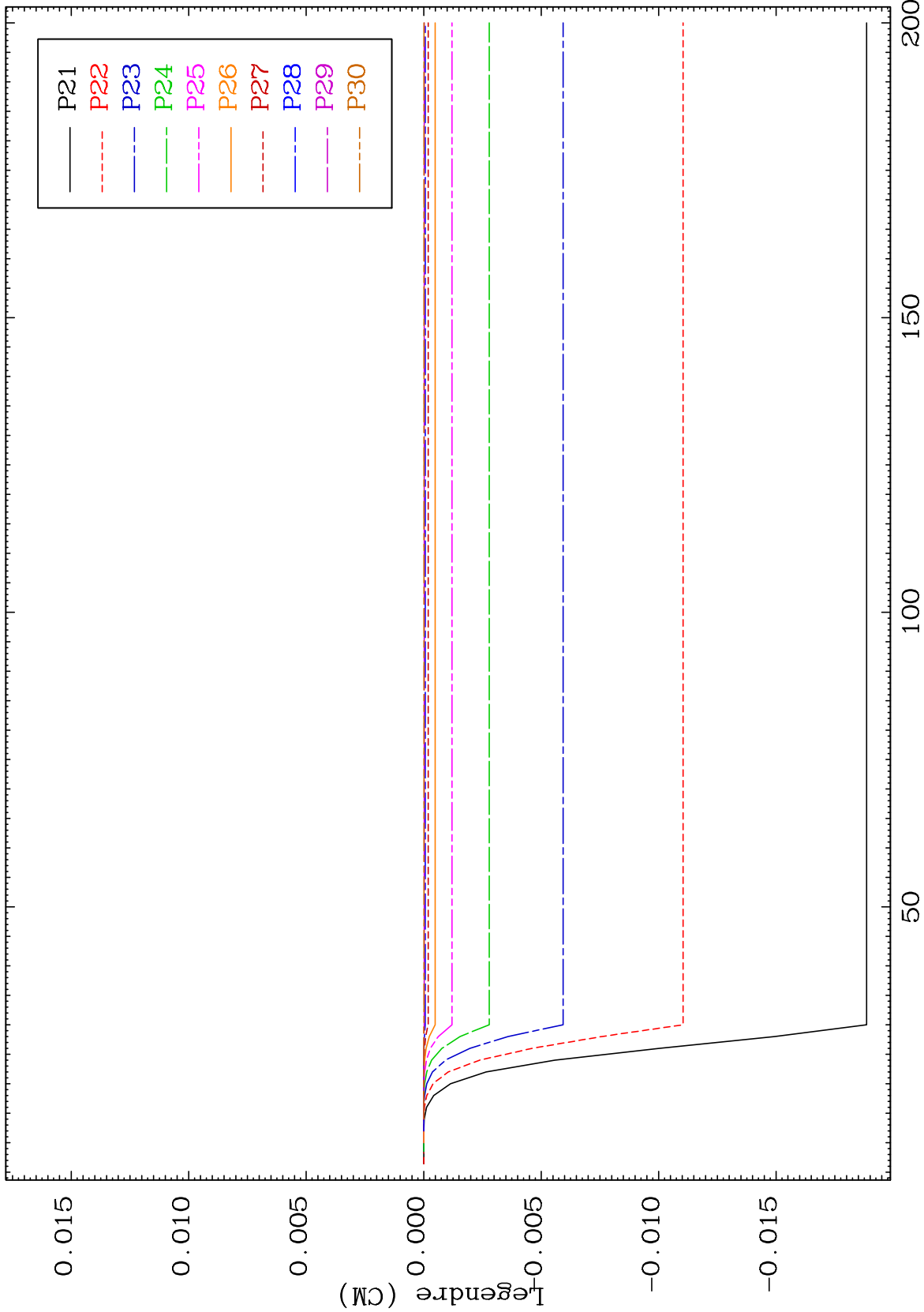
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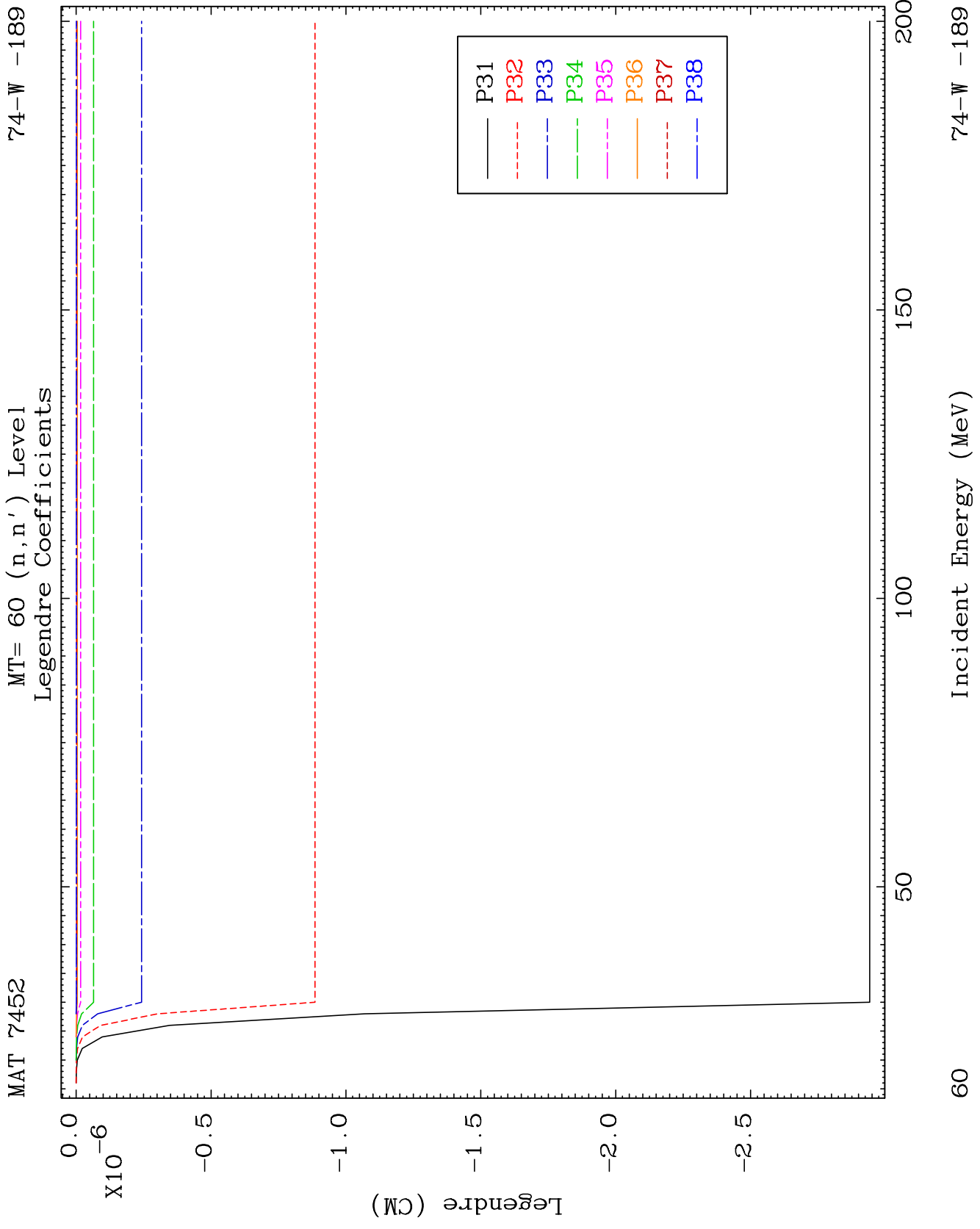


58

Incident Energy (MeV)

74-W -189

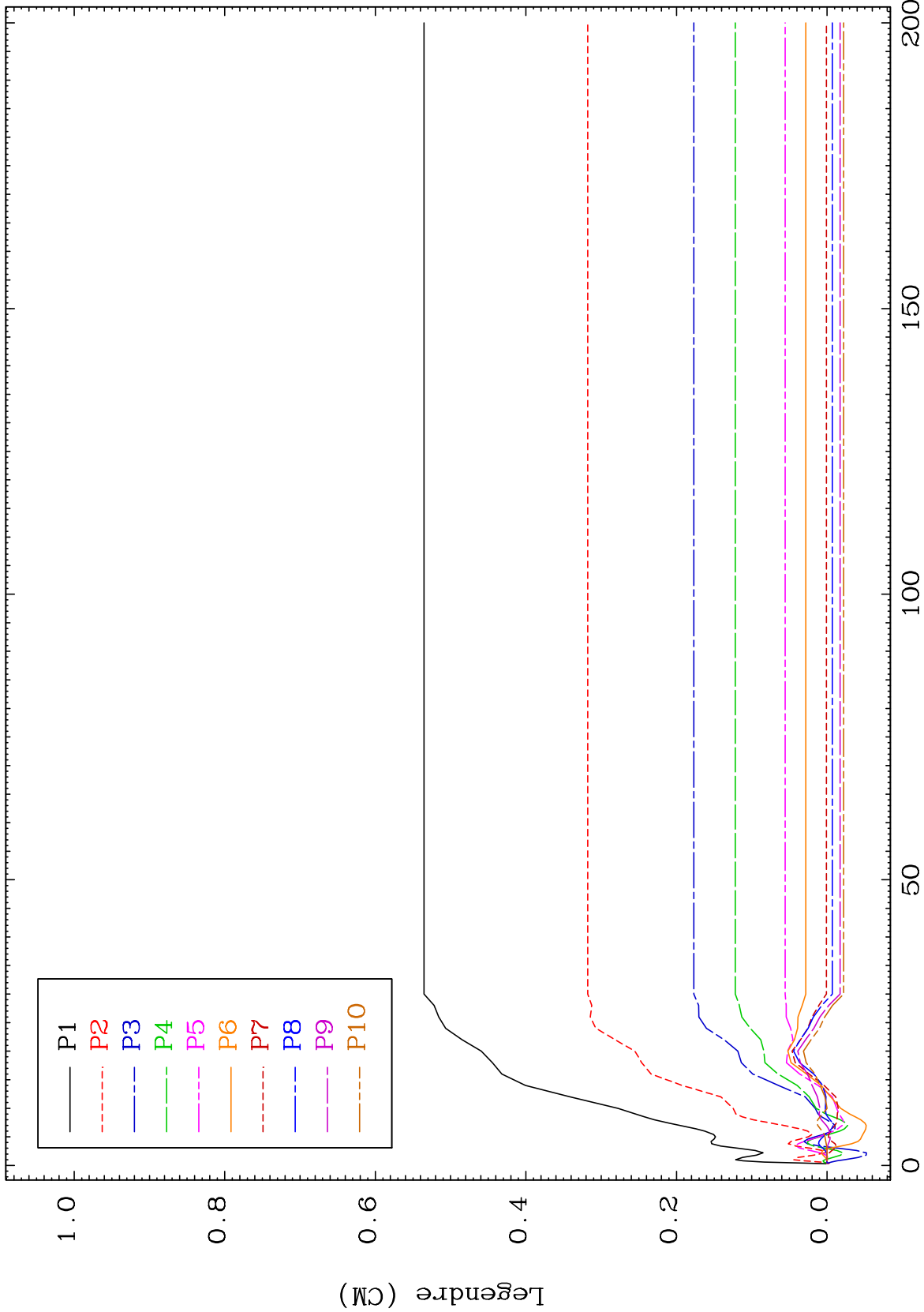




MAT 7452

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

74-W -189



61

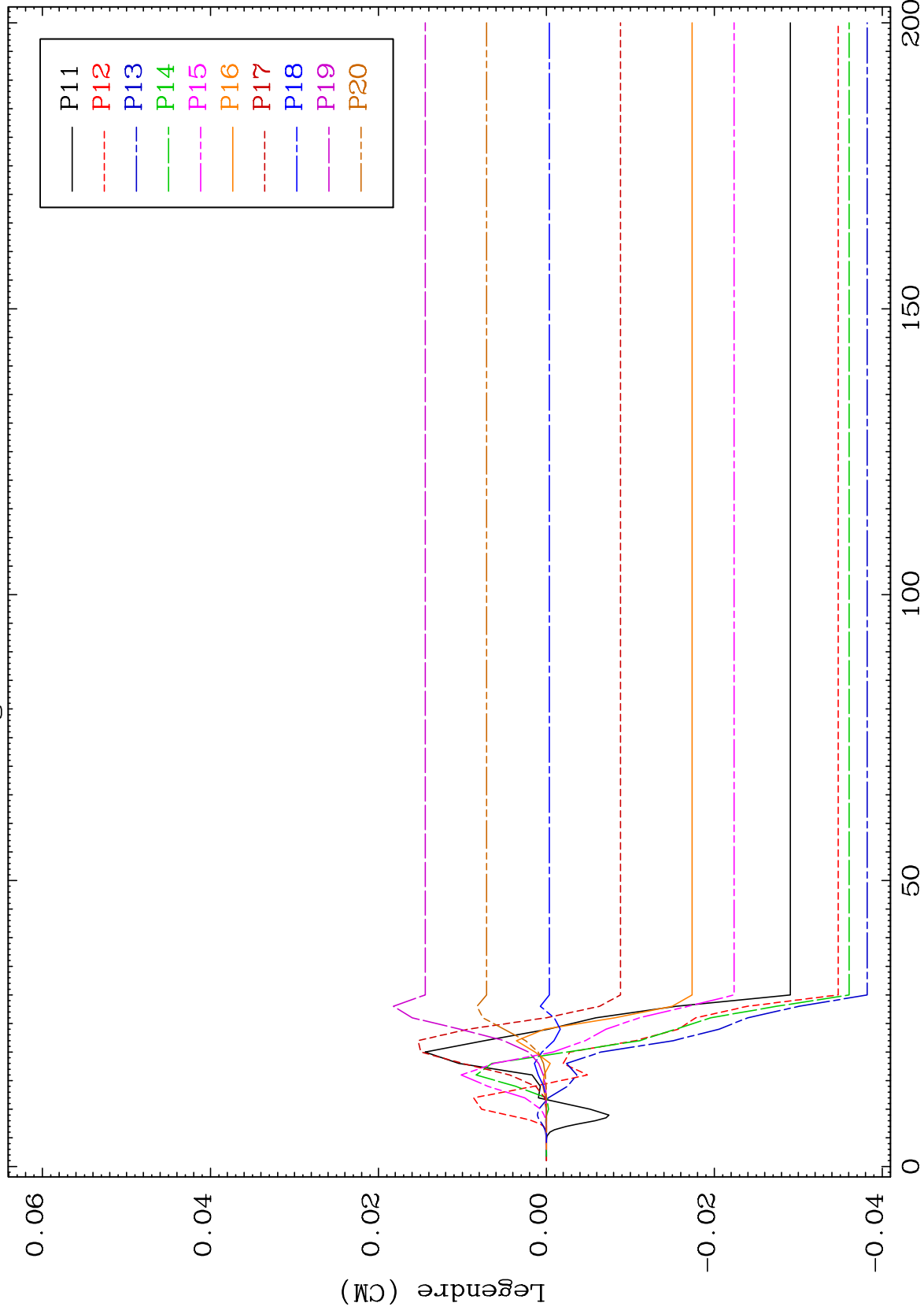
Incident Energy (MeV)

74-W -189

MAT 7452

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

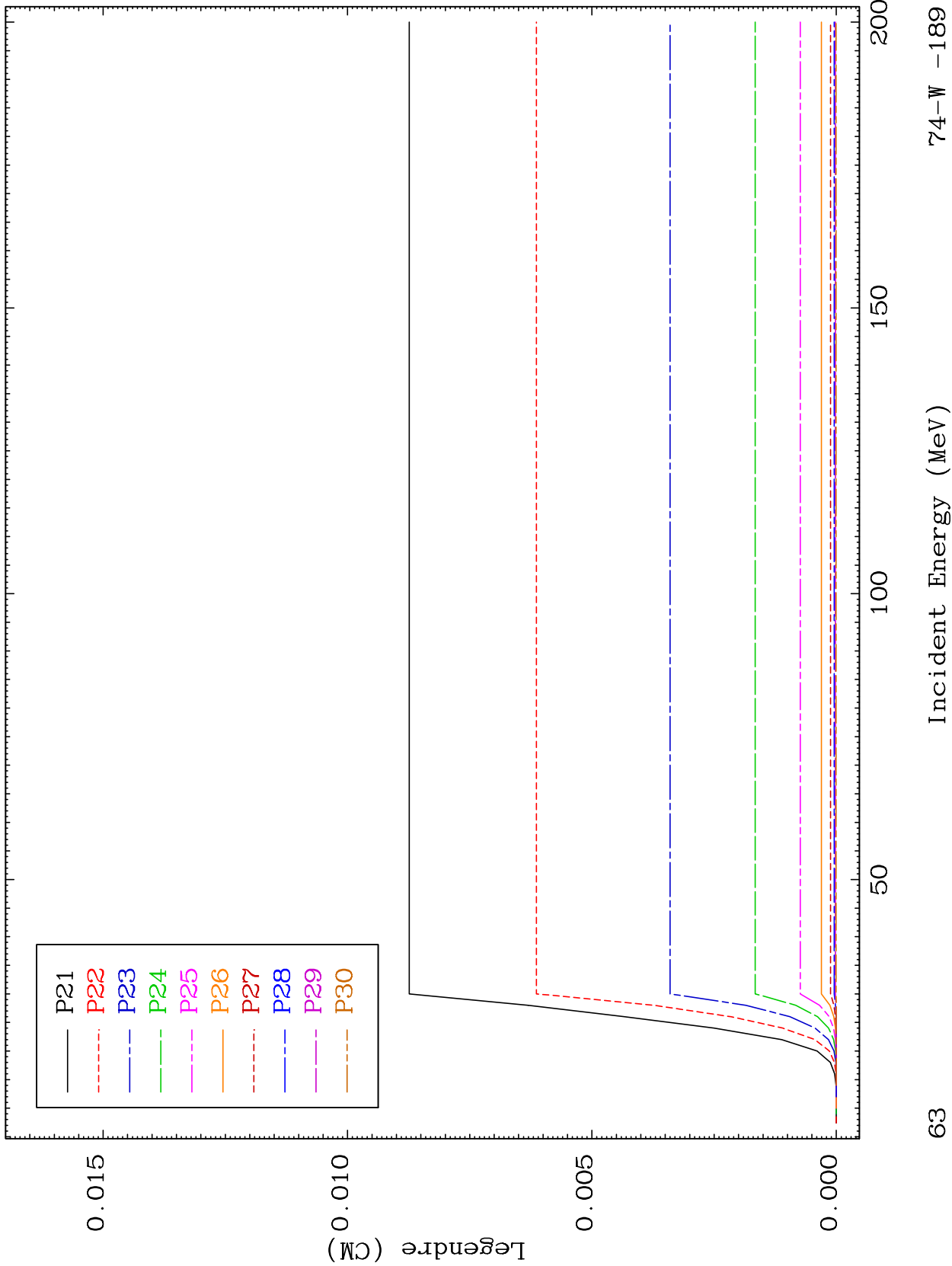
74-W -189



62

Incident Energy (MeV)

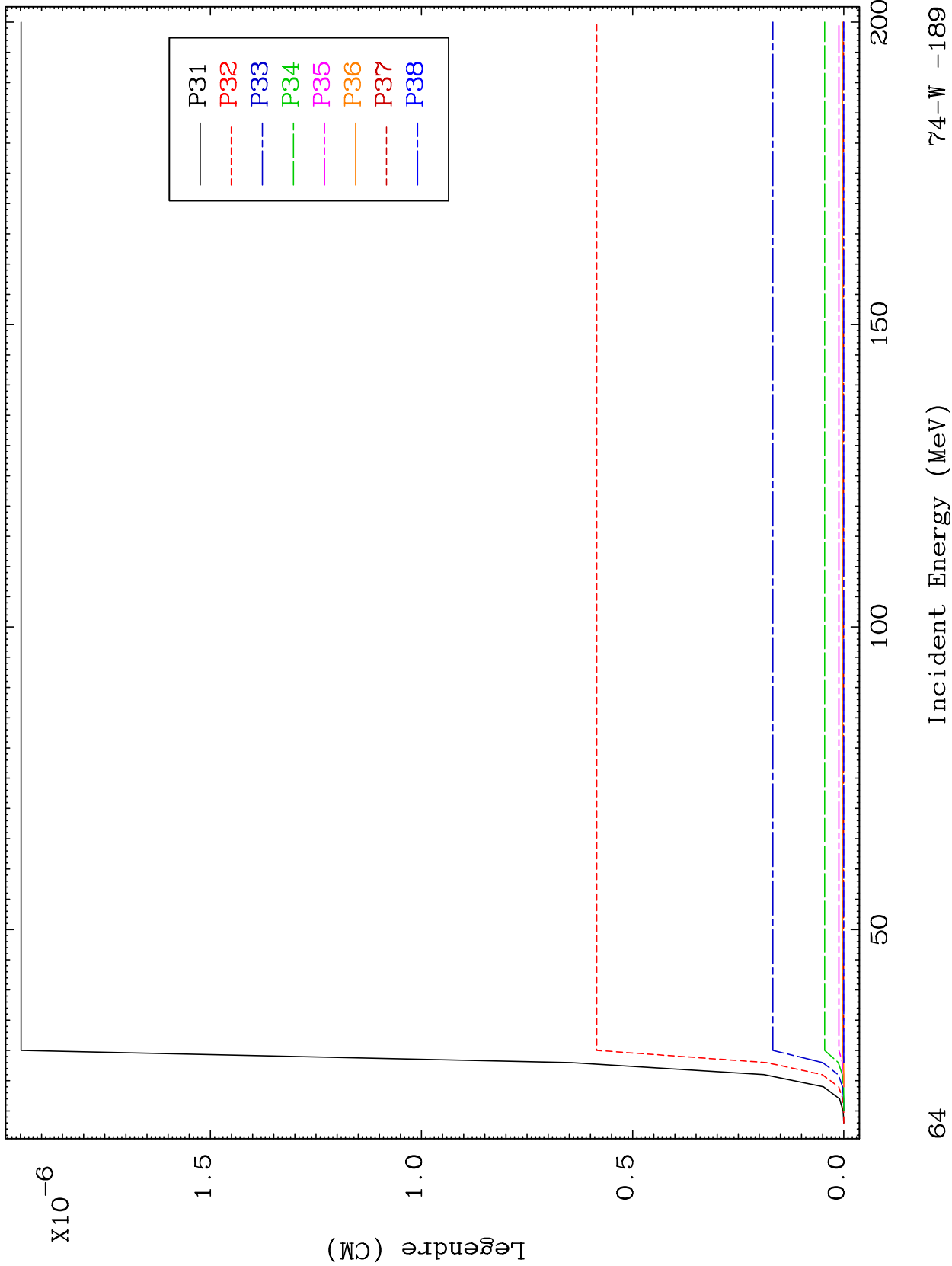
74-W -189



MAT 7452

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

74-W -189



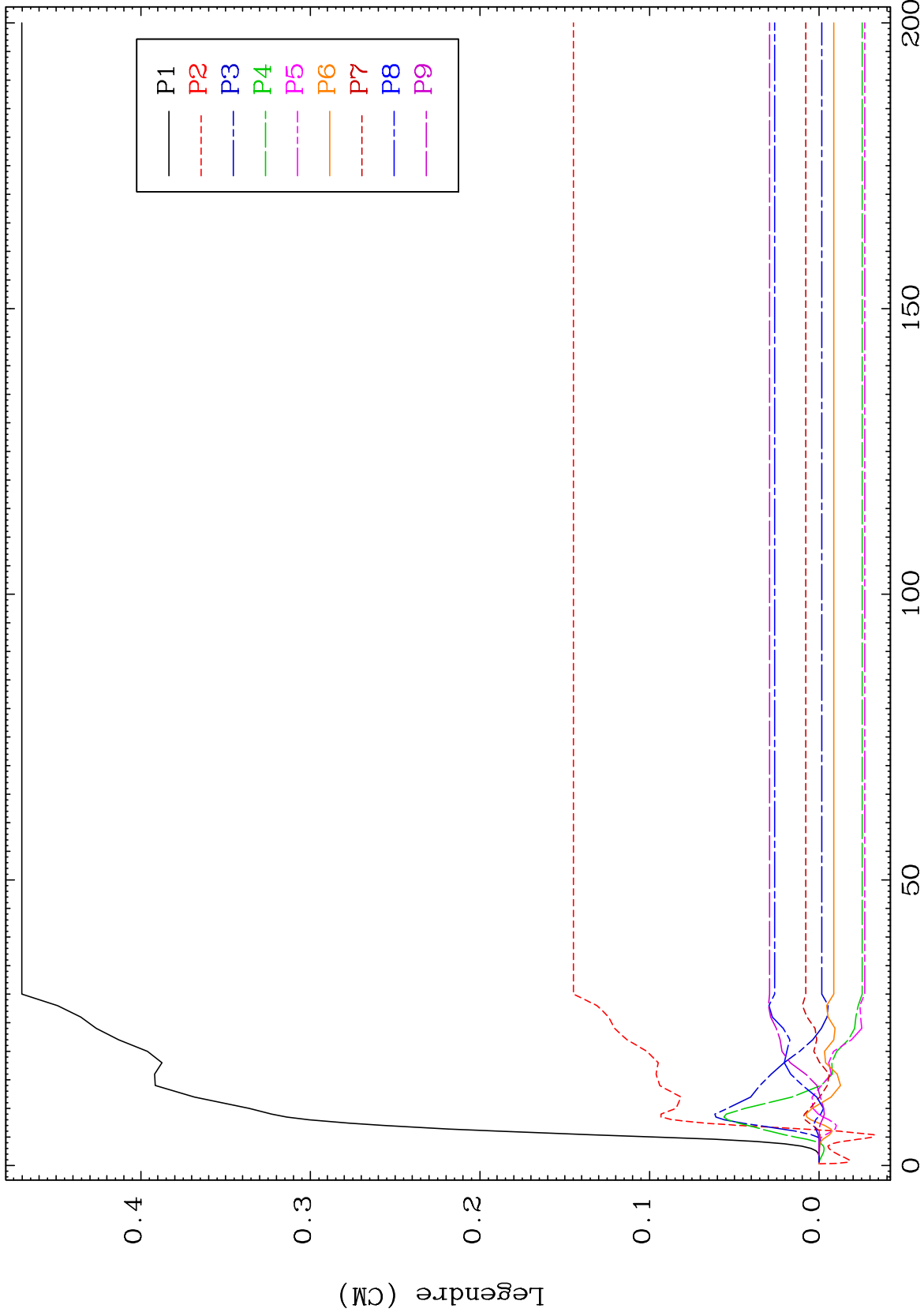
64

74-W -189

MAT 7452

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

74-W -189



65

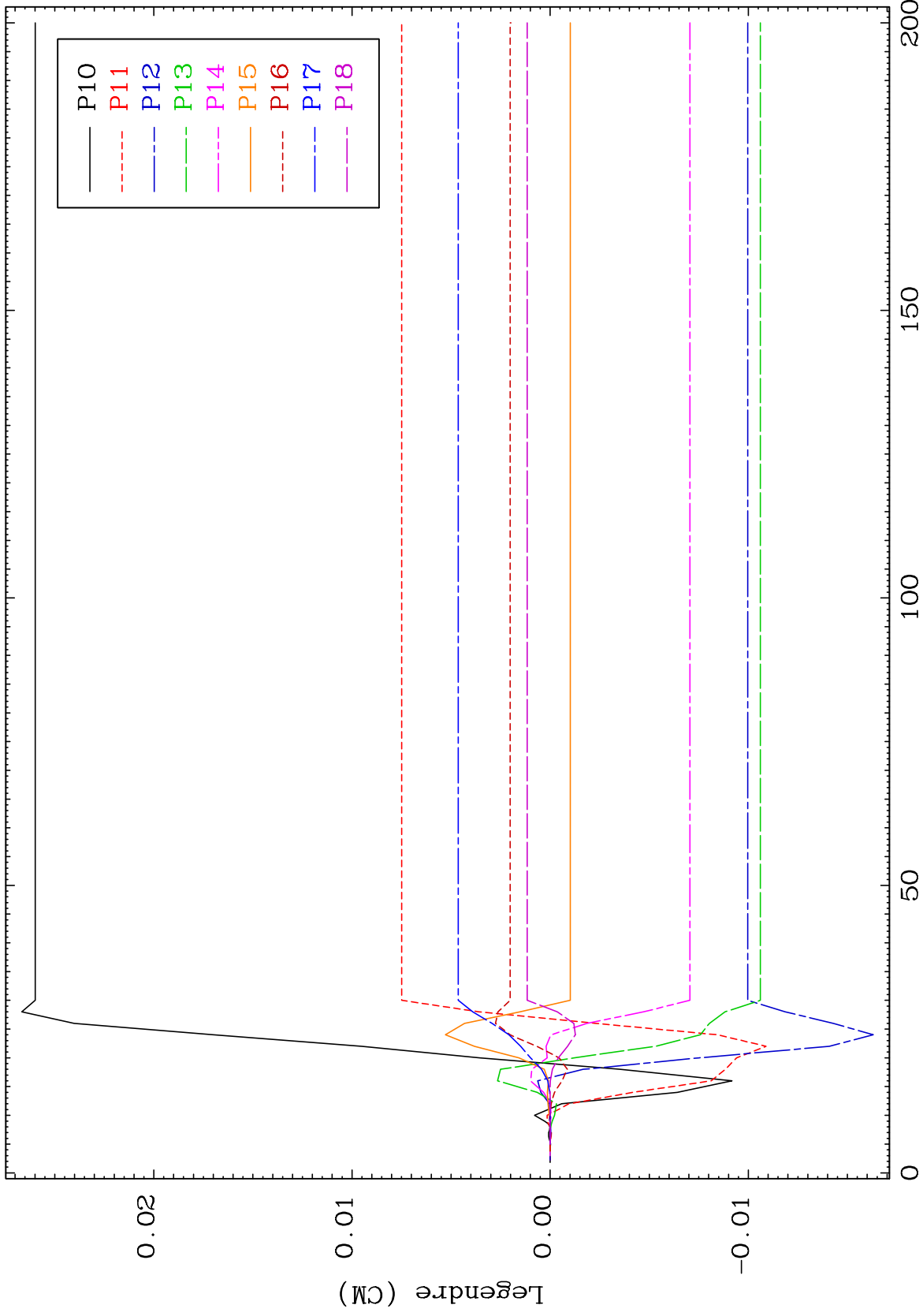
Incident Energy (MeV)

74-W -189

MAT 7452

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

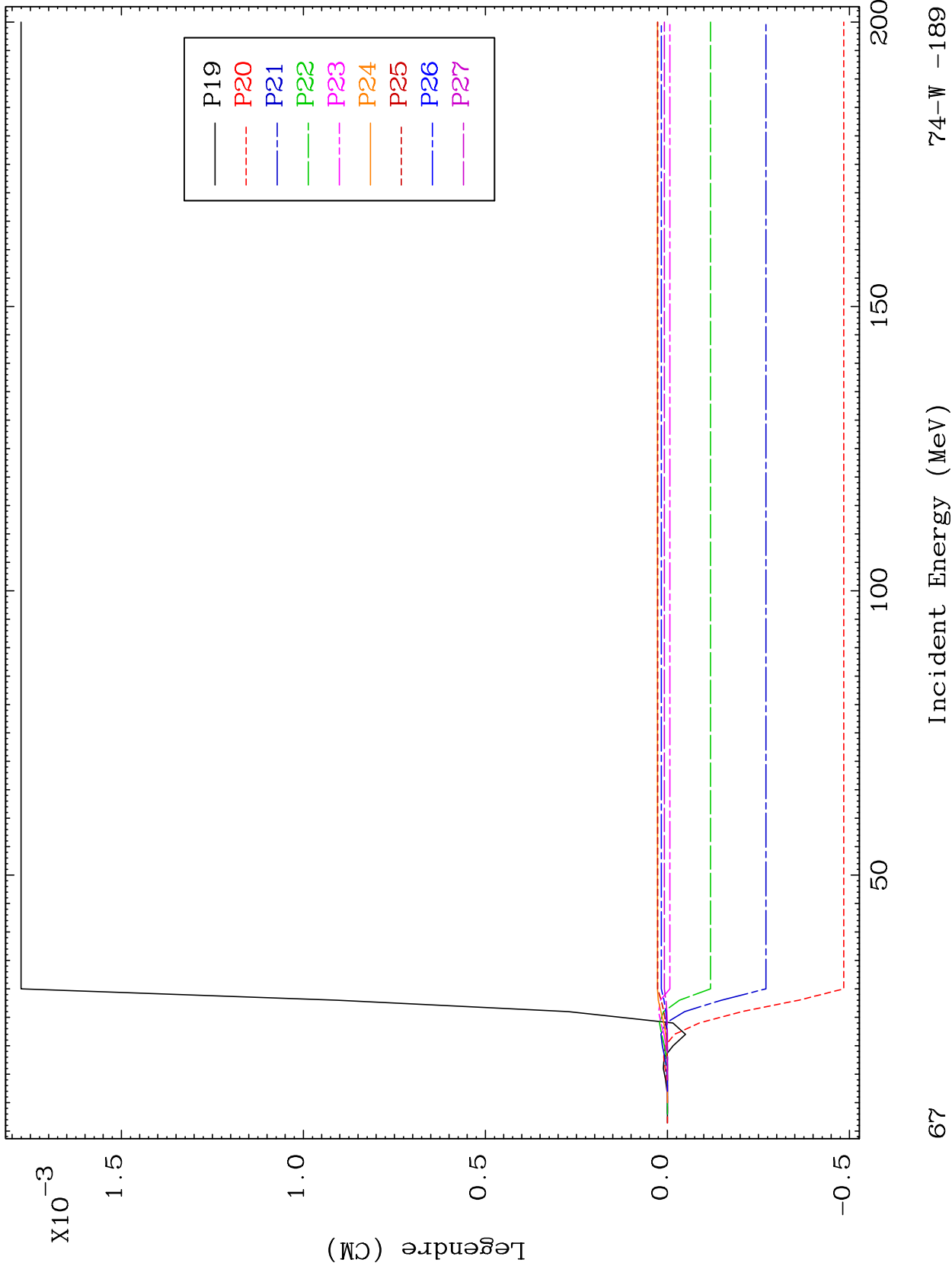
74-W -189



66

Incident Energy (MeV)

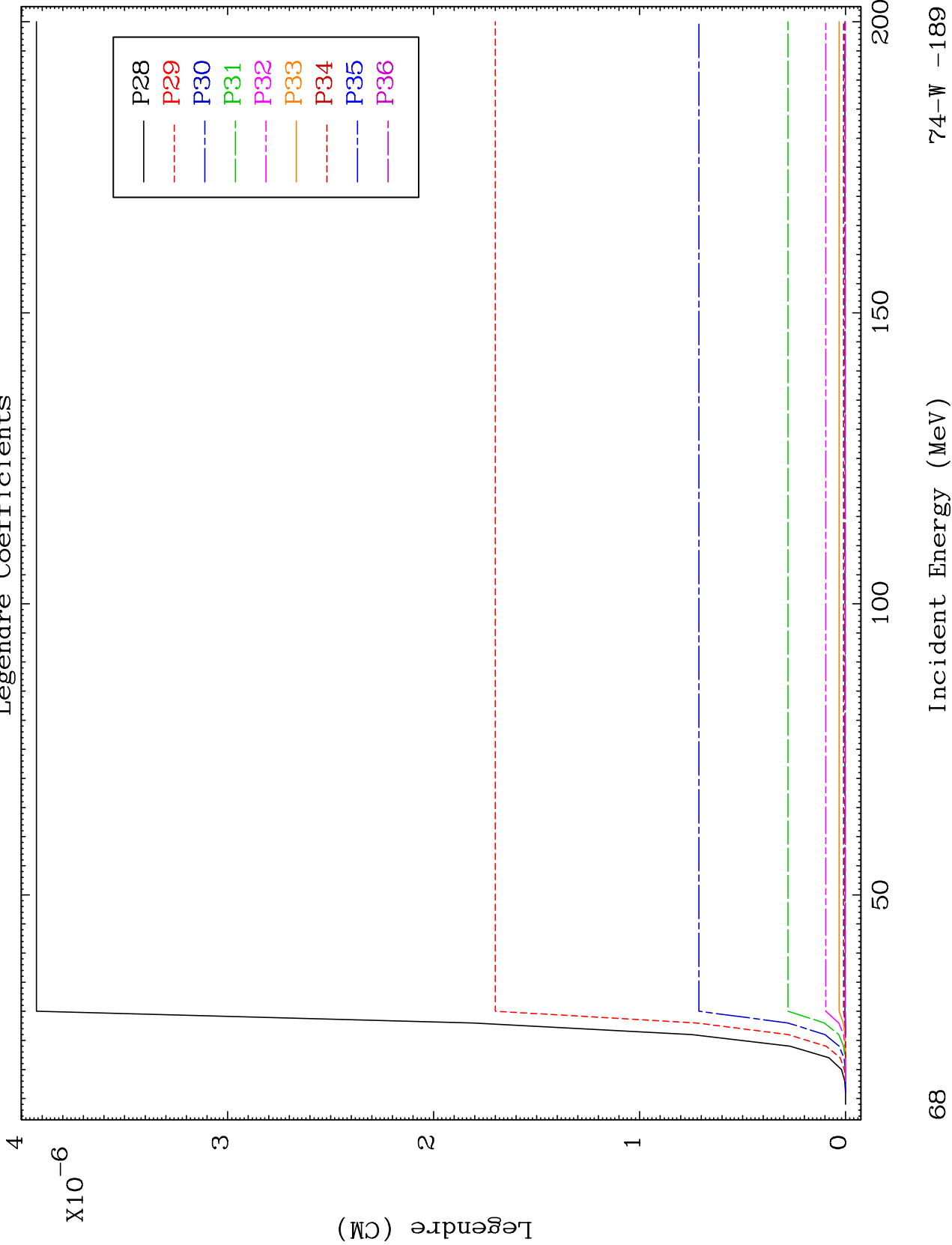
74-W -189

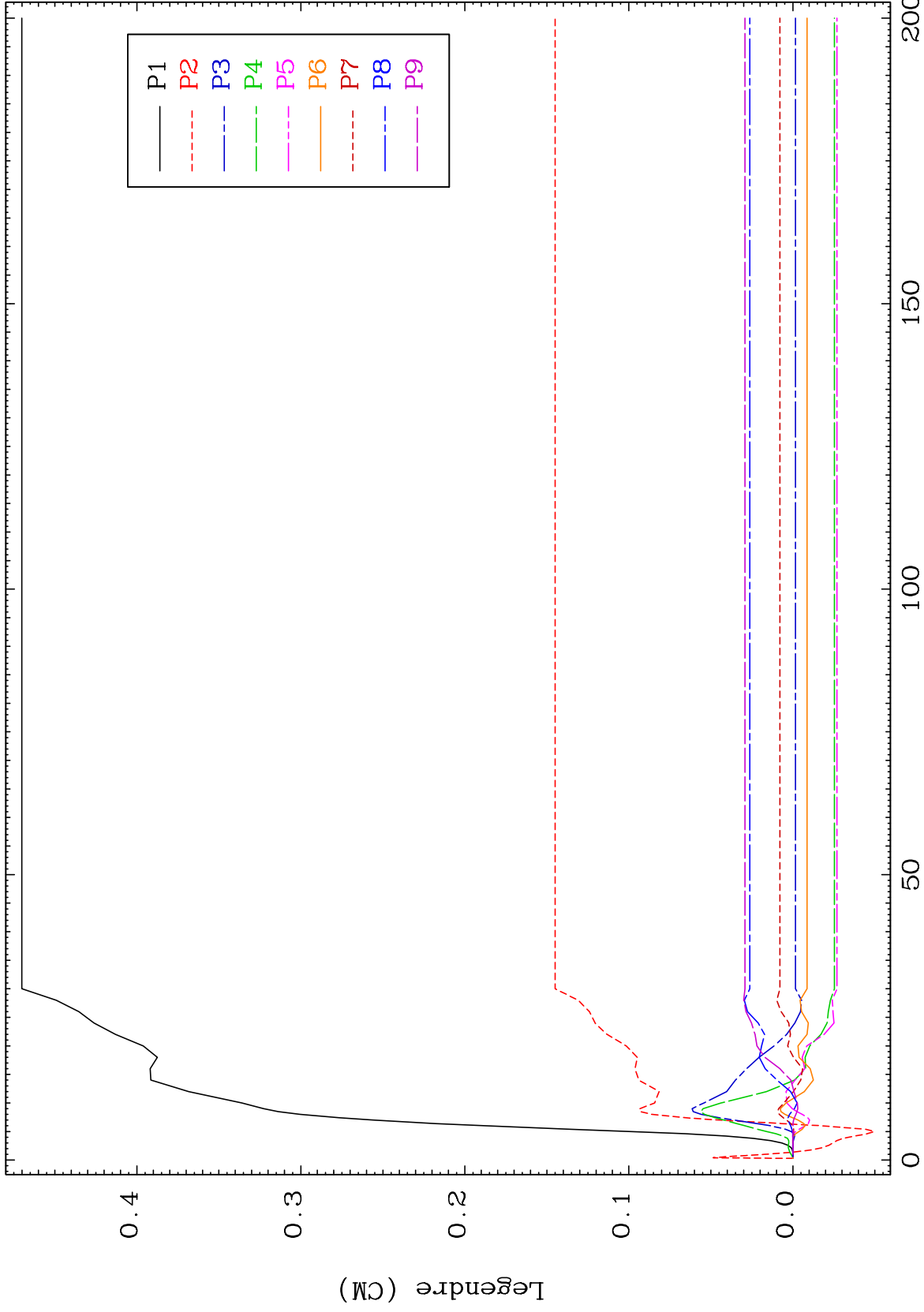


MAT 7452

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

74-W -189

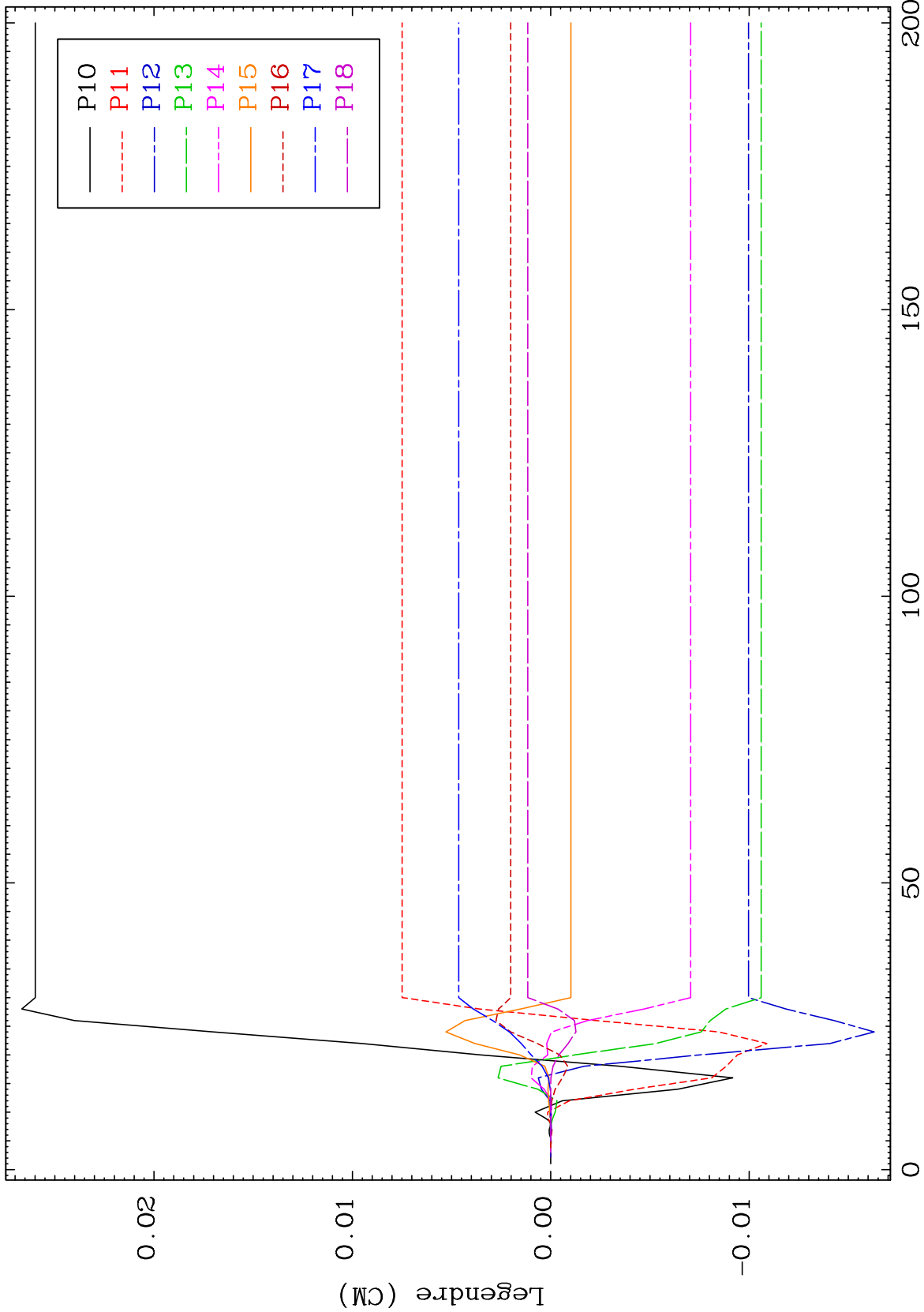




MAT 7452

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

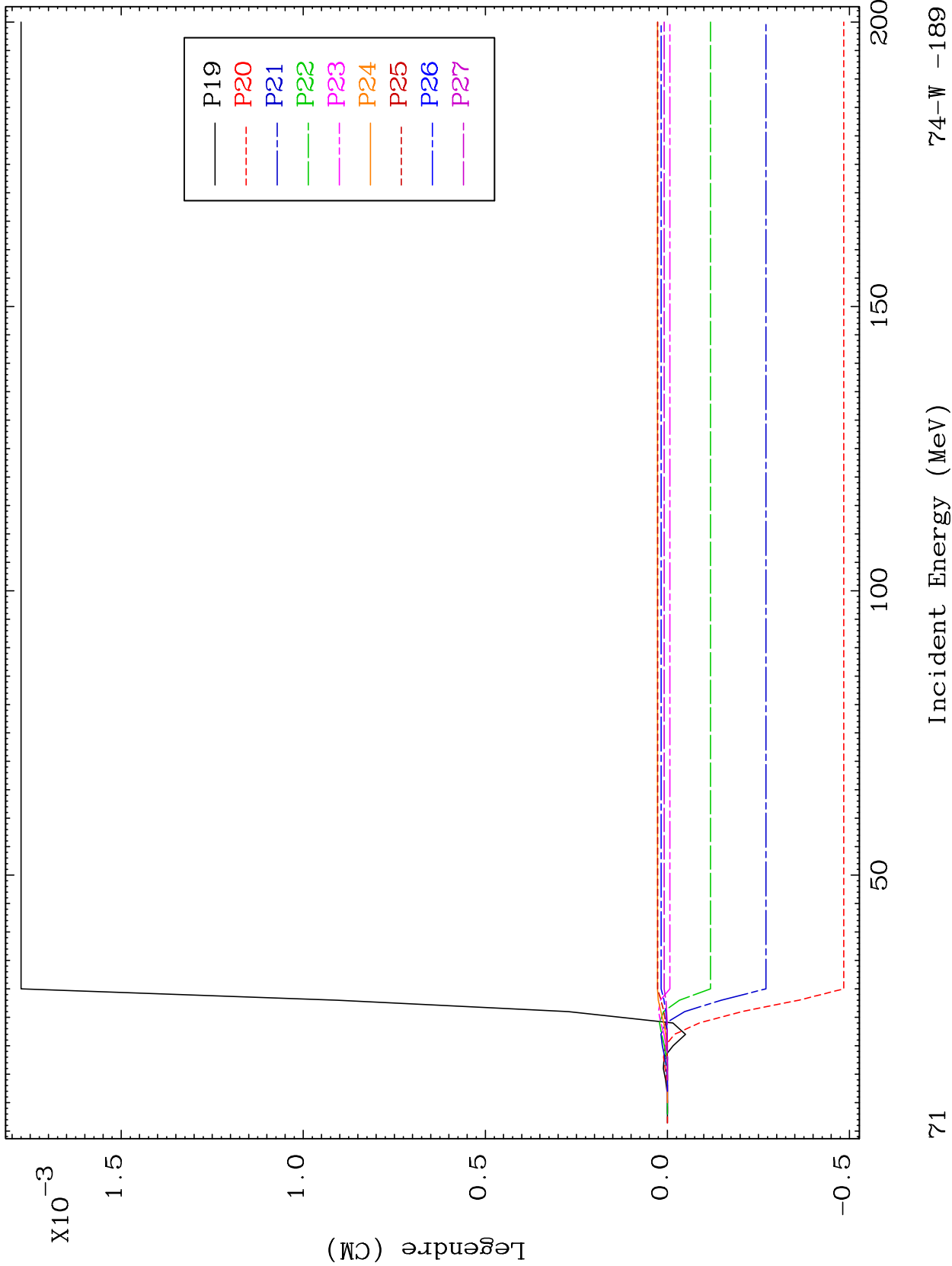
74-W -189



70

Incident Energy (MeV)

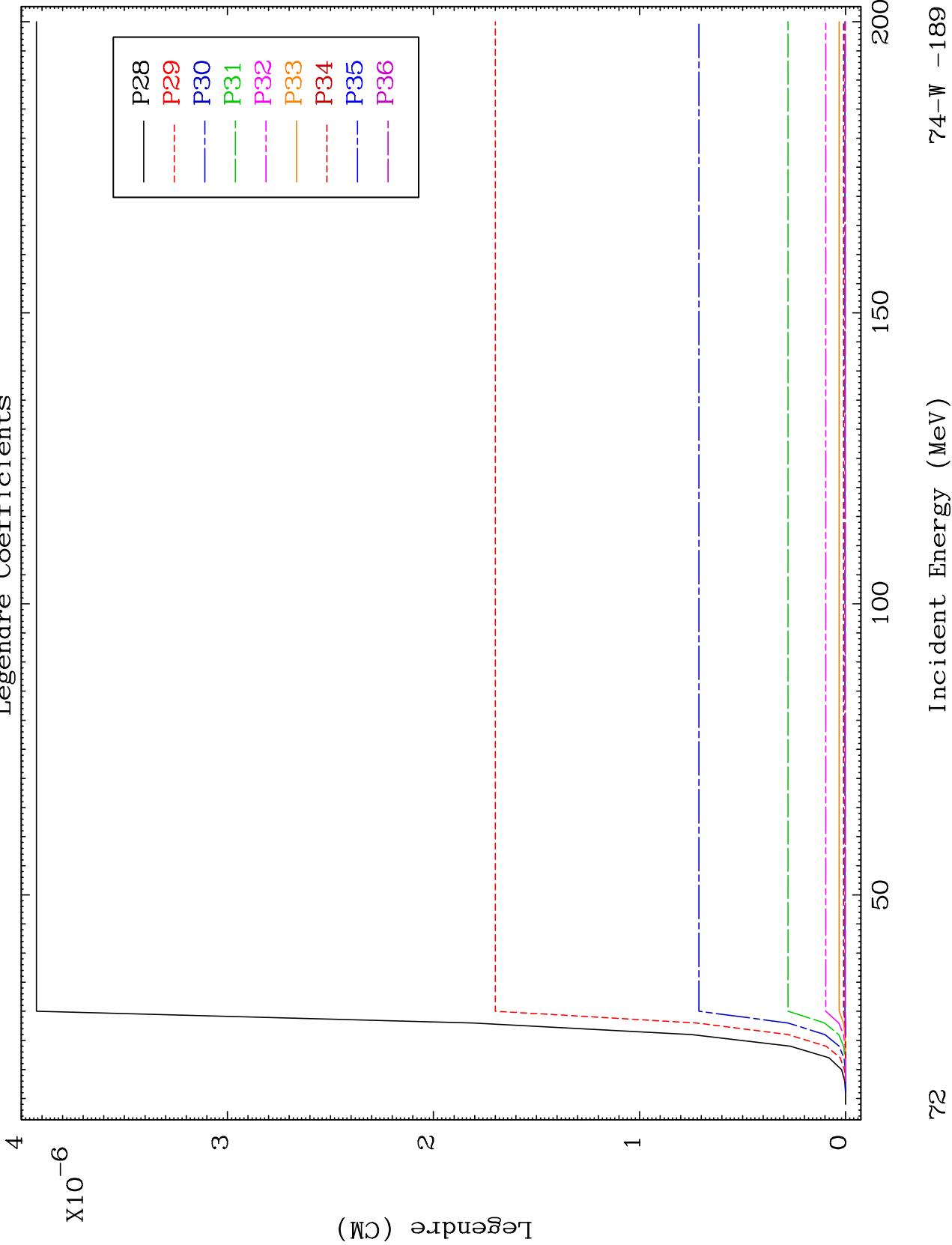
74-W -189



MAT 7452

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

74-W -189



72

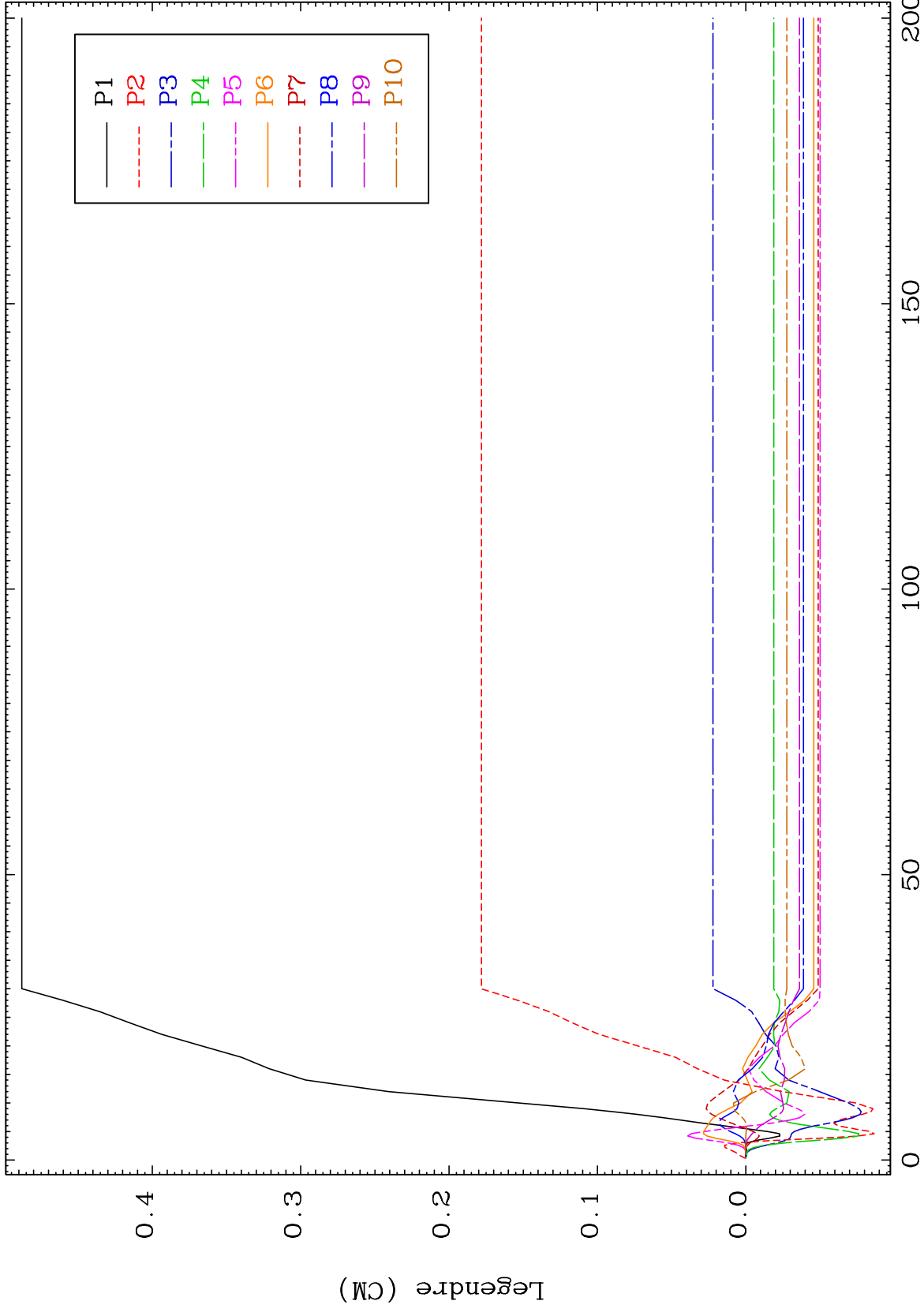
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



73

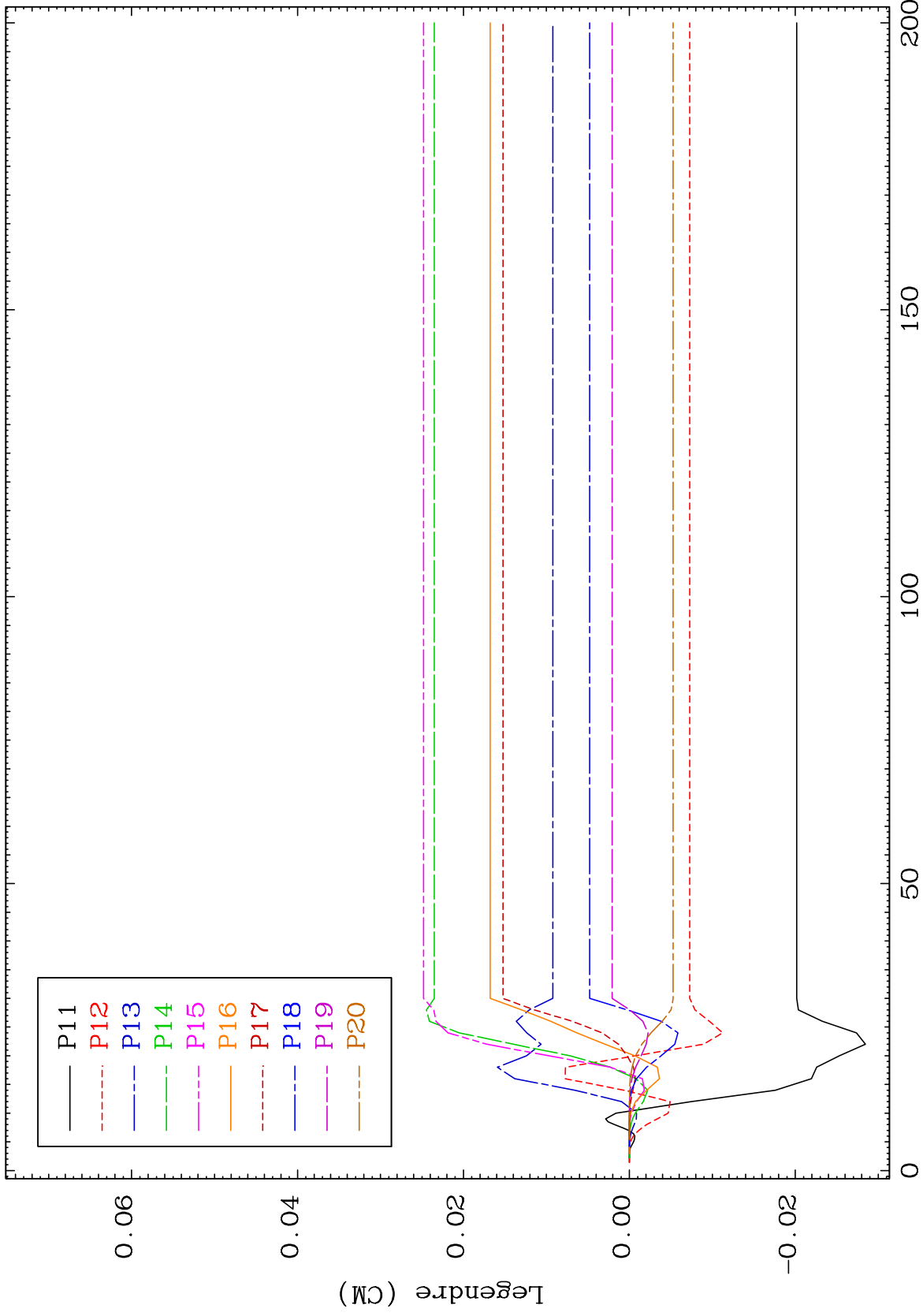
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



74

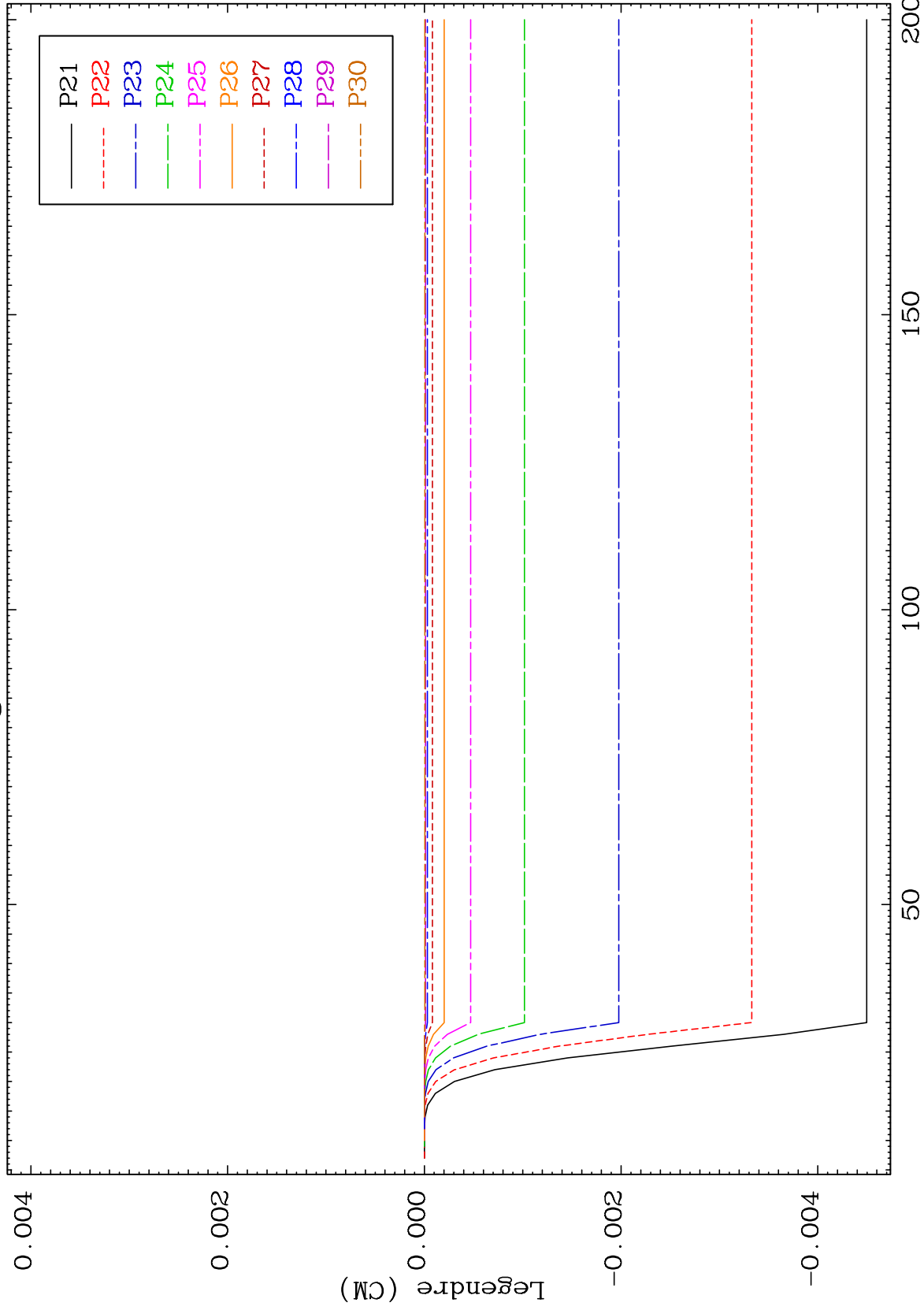
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



75

Incident Energy (MeV)

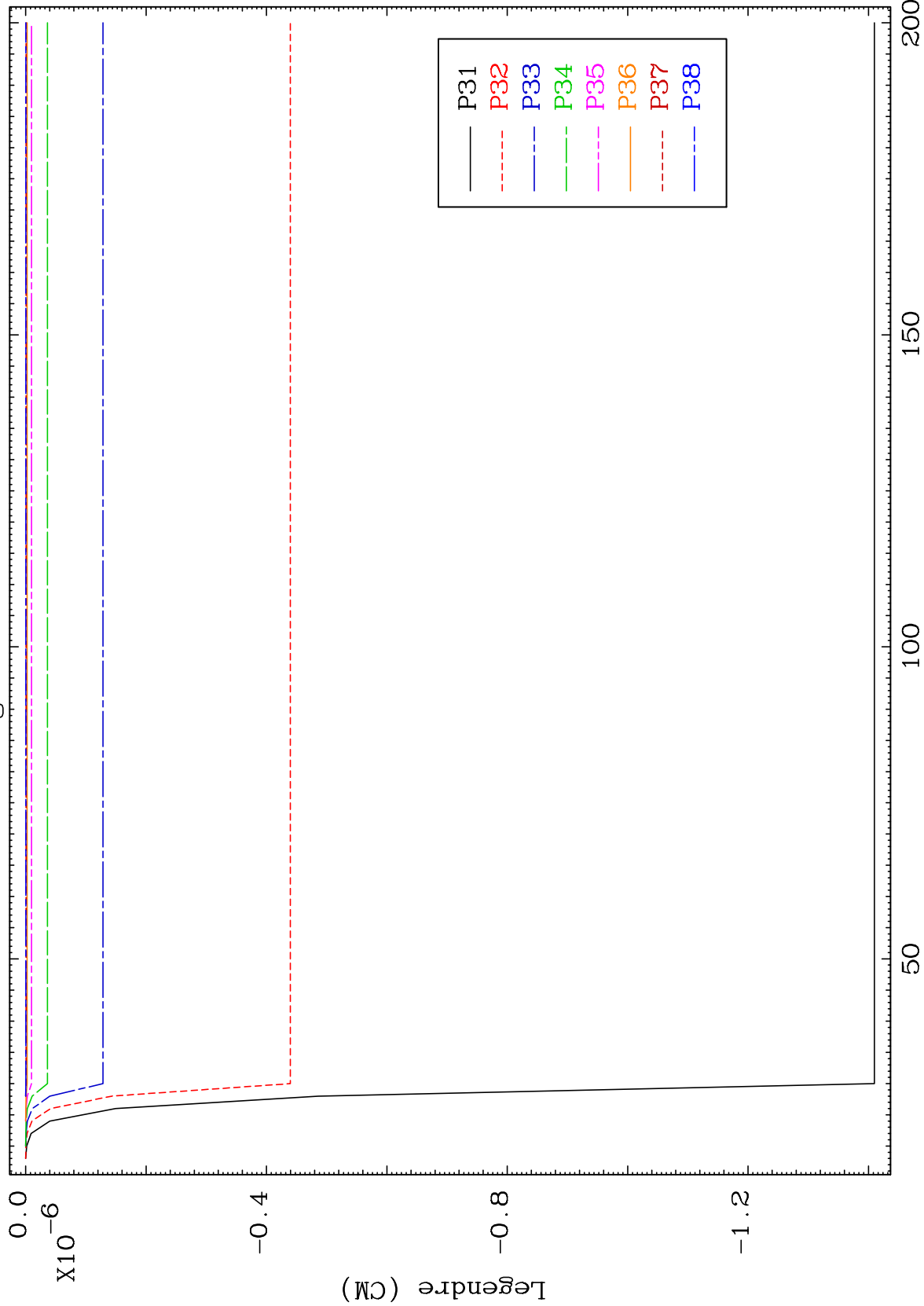
74-W -189

MAT 7452

MT= 64 (n,n') Level

74-W -189

Legendre Coefficients



76

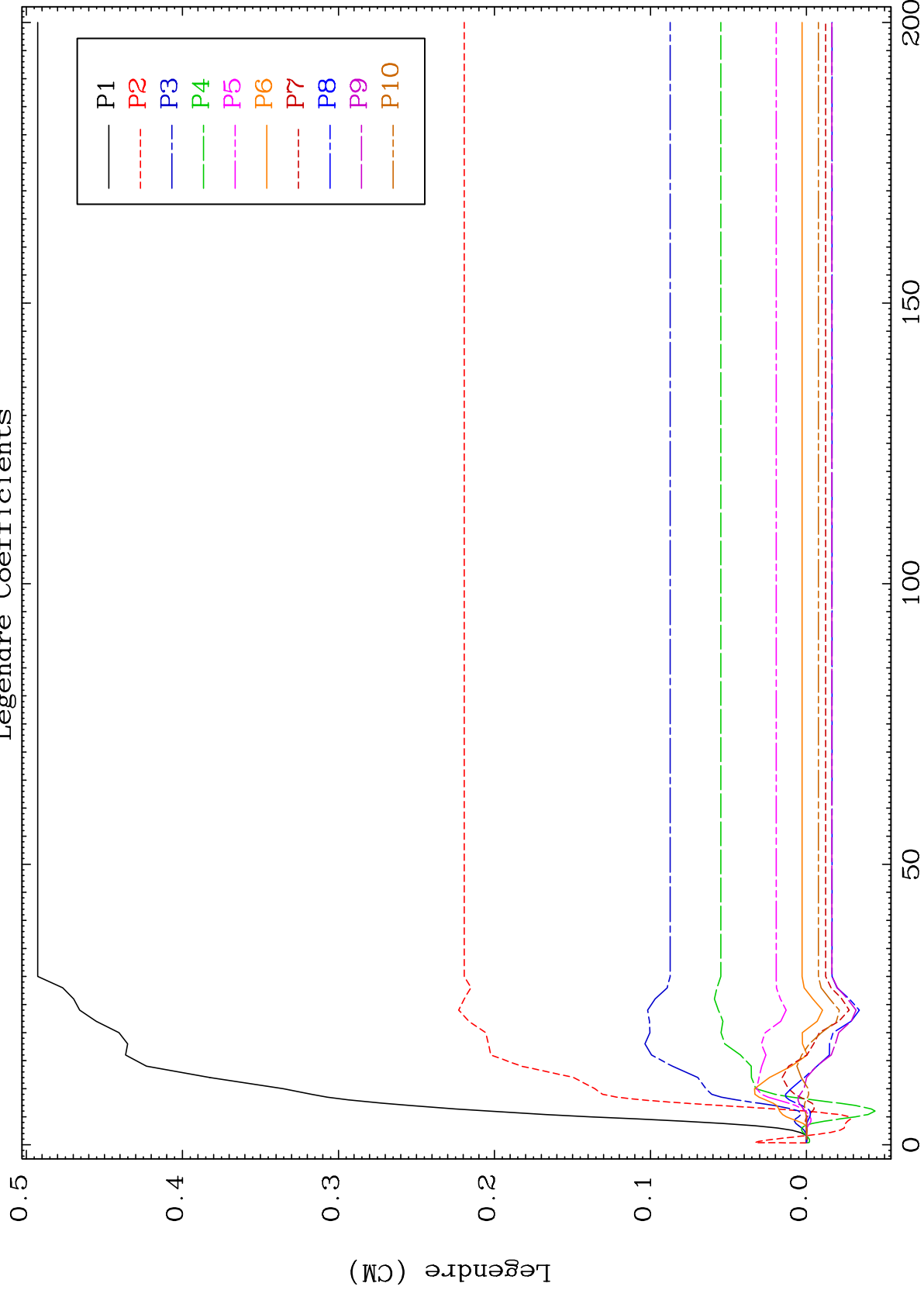
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



77

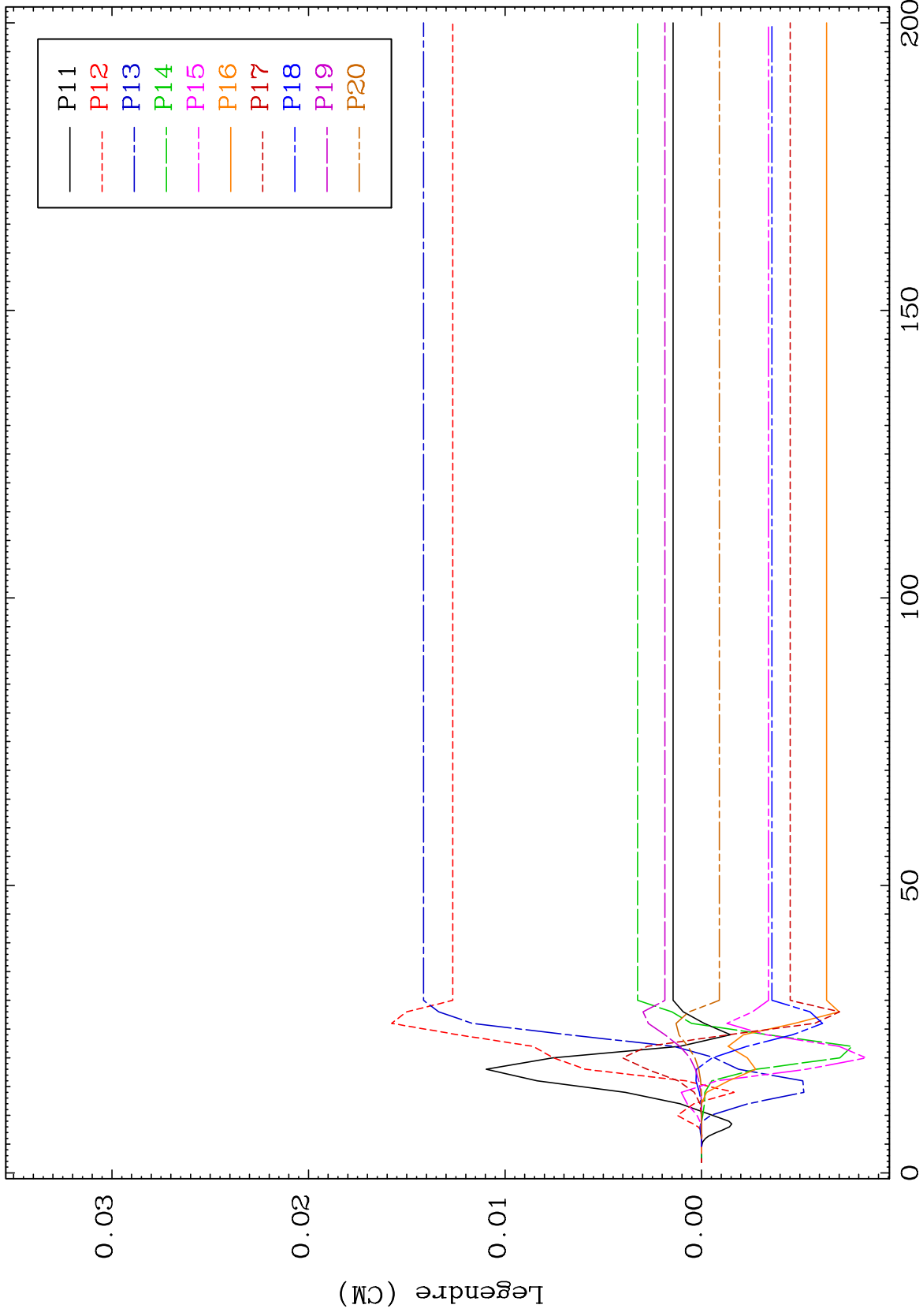
Incident Energy (MeV)

74-W -189

MAT 7452

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

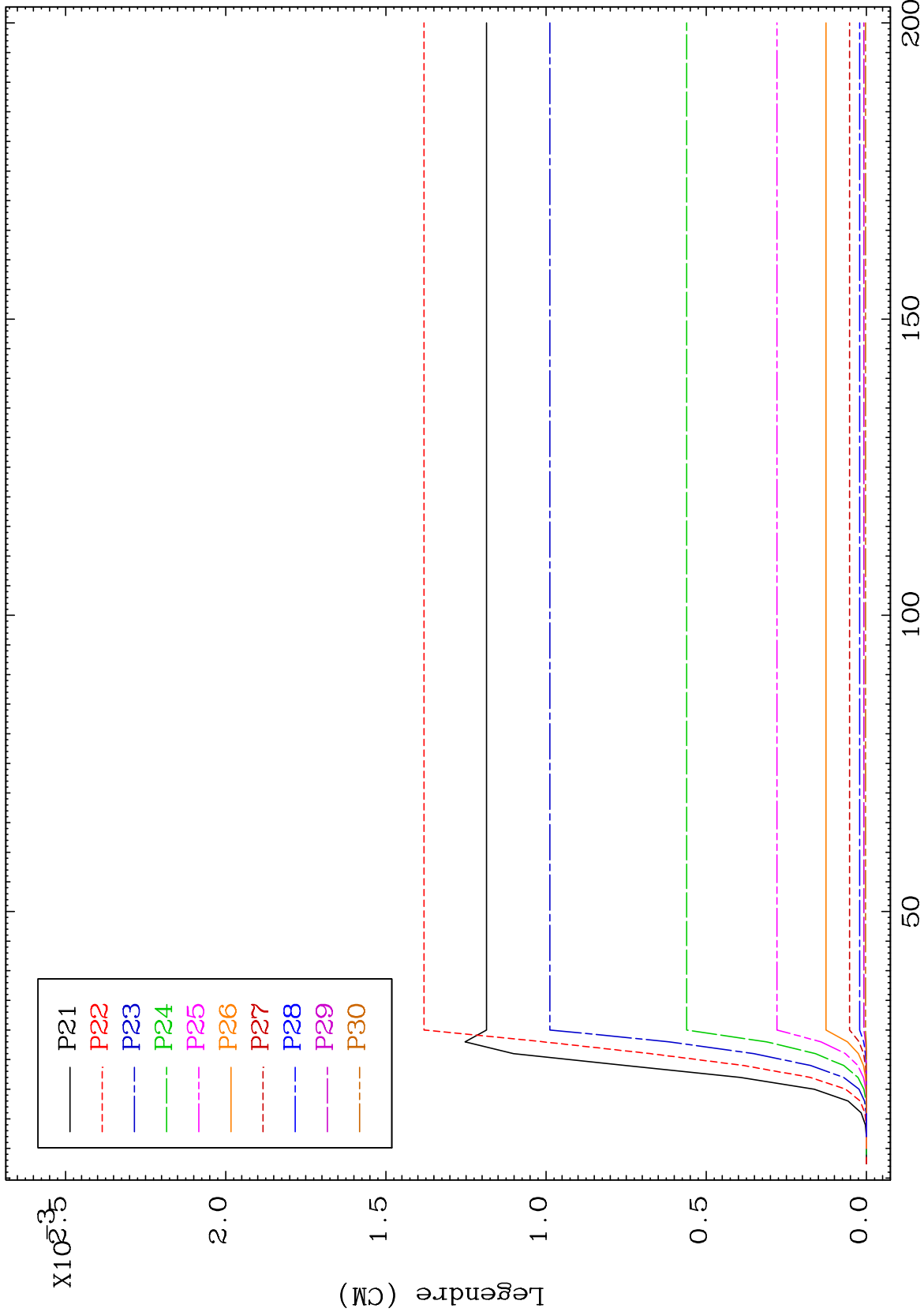
74-W -189



78

Incident Energy (MeV)

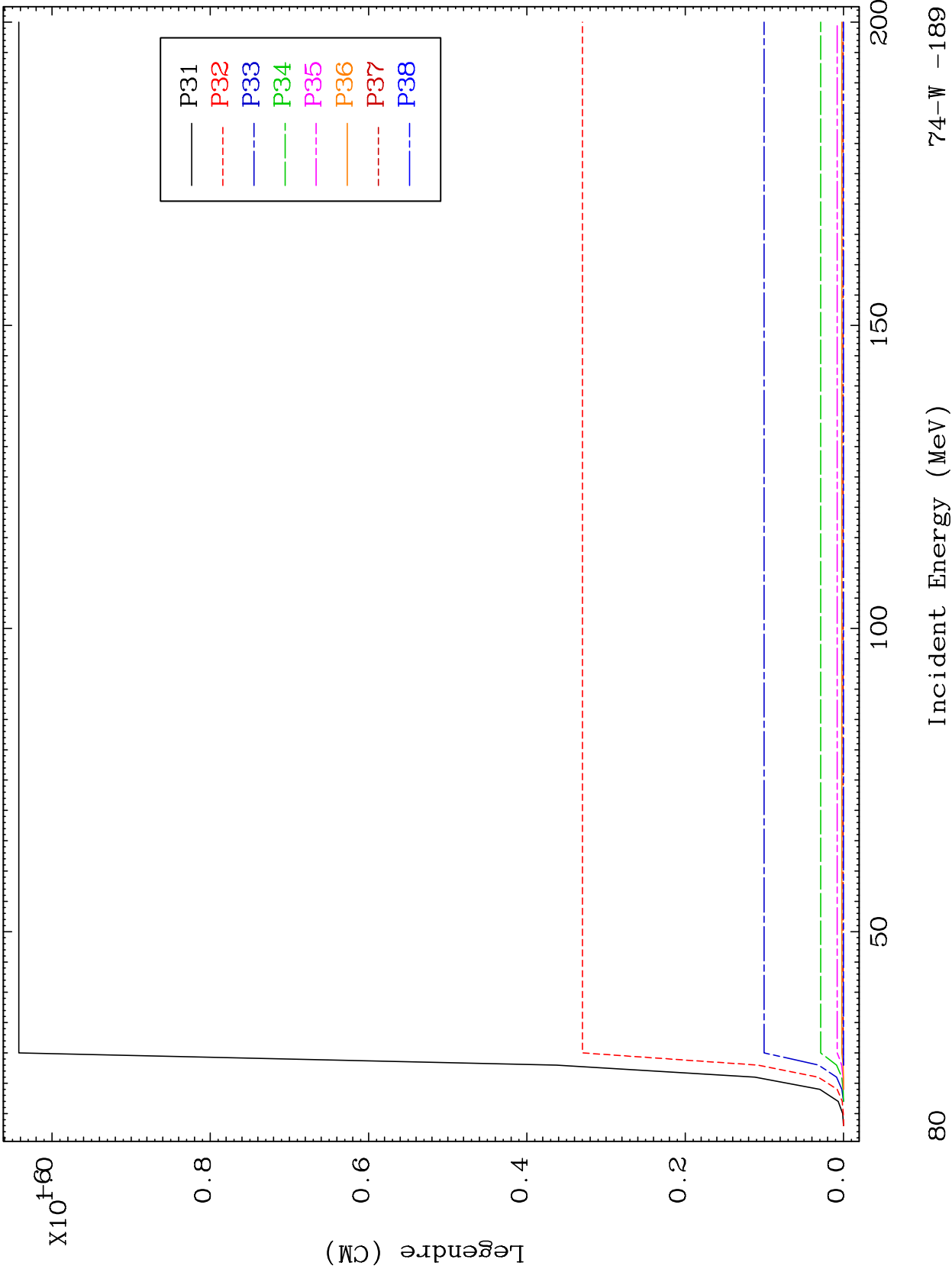
74-W -189



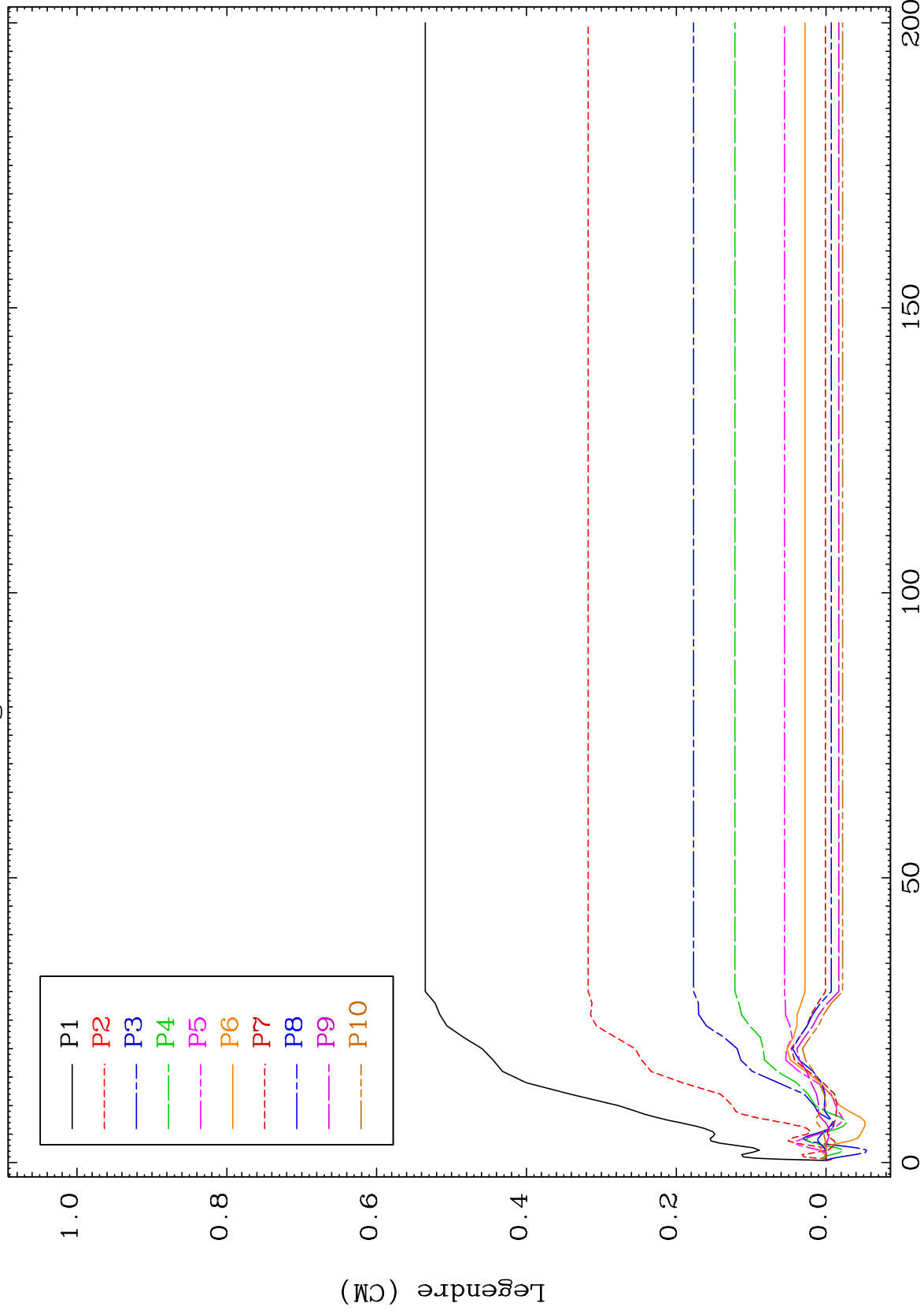
MAT 7452

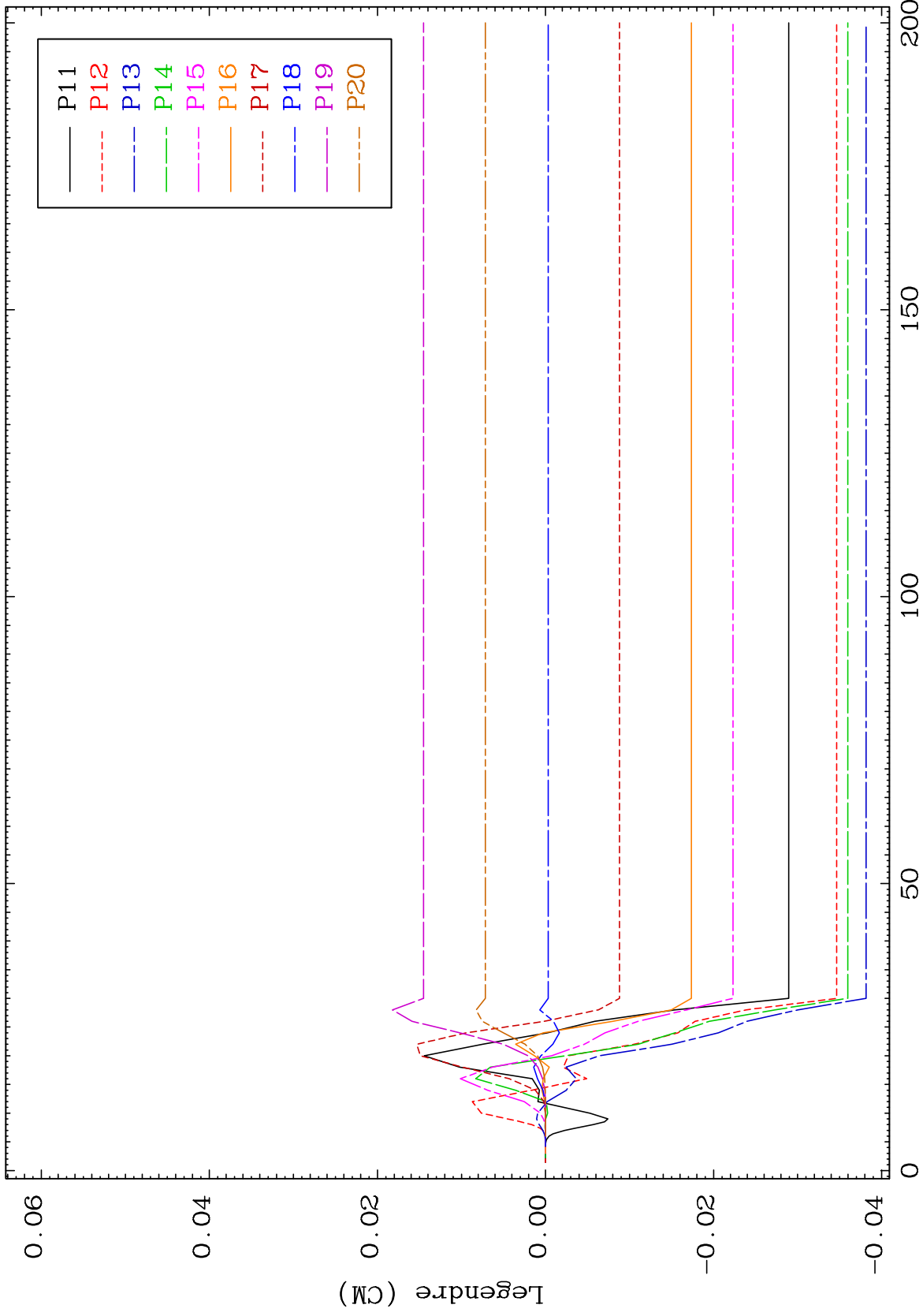
MT= 65 (n,n') Level
Legendre Coefficients

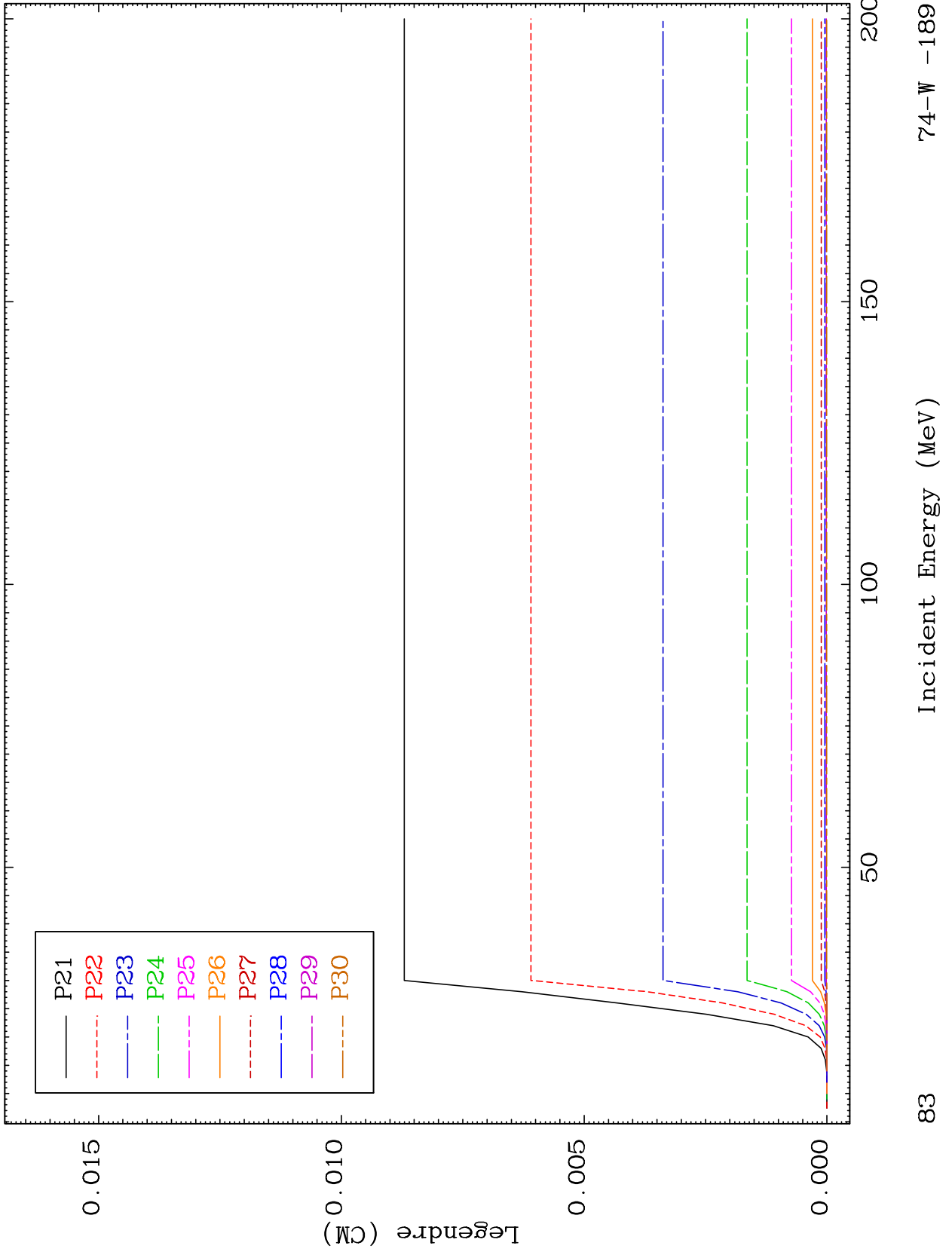
74-W -189

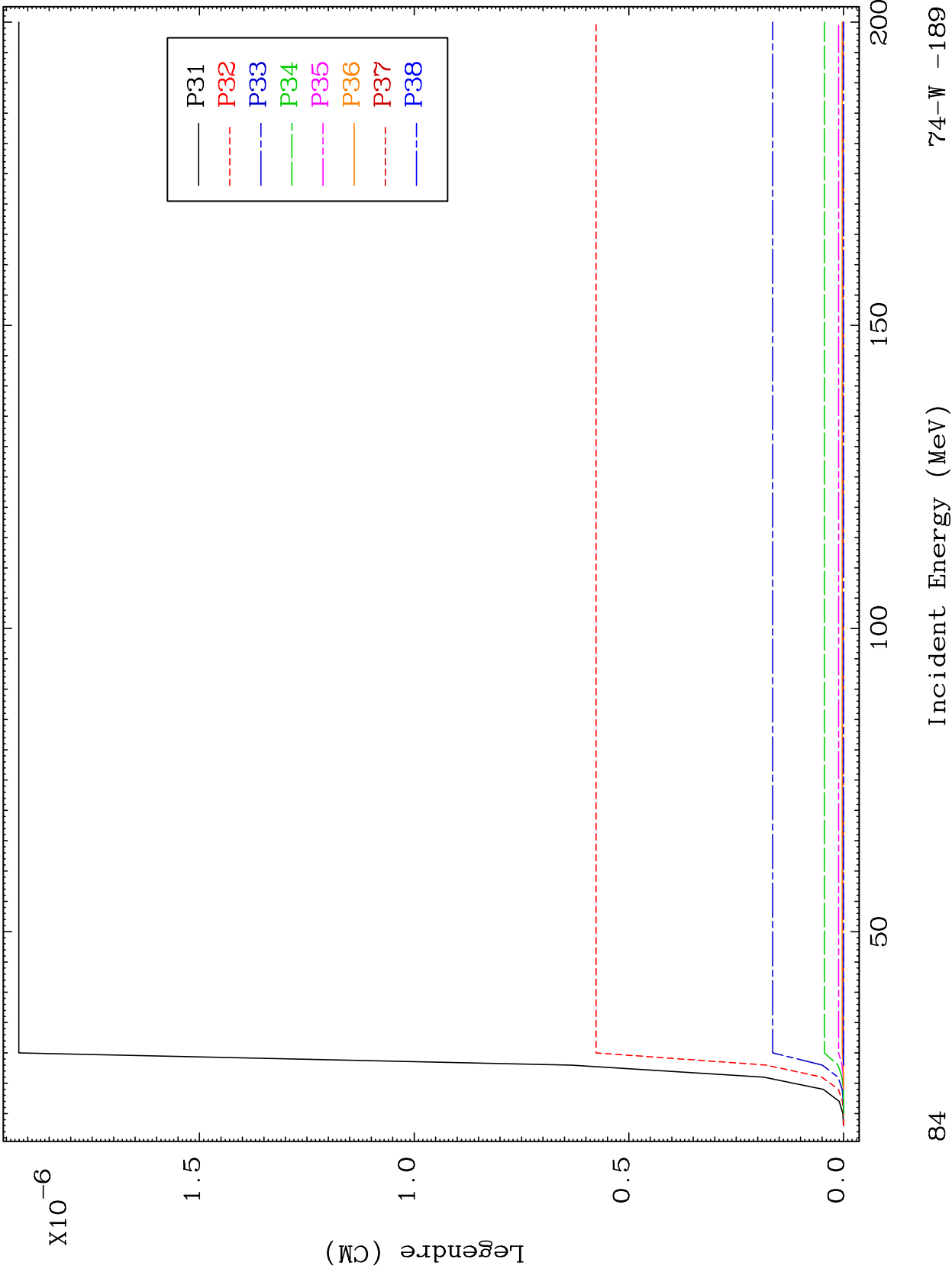


74-W -189





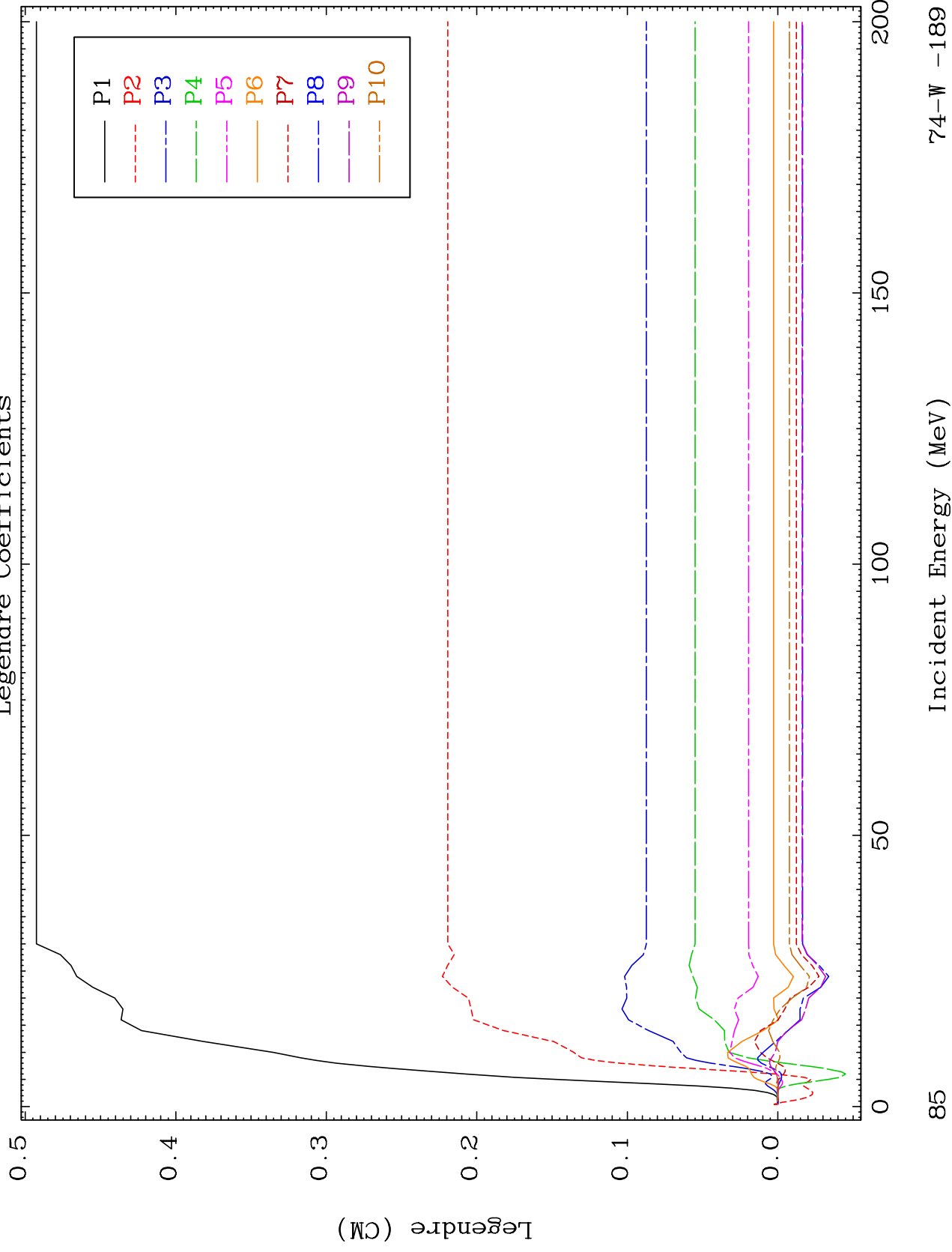




MAT 7452

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

74-W -189



74-W -189

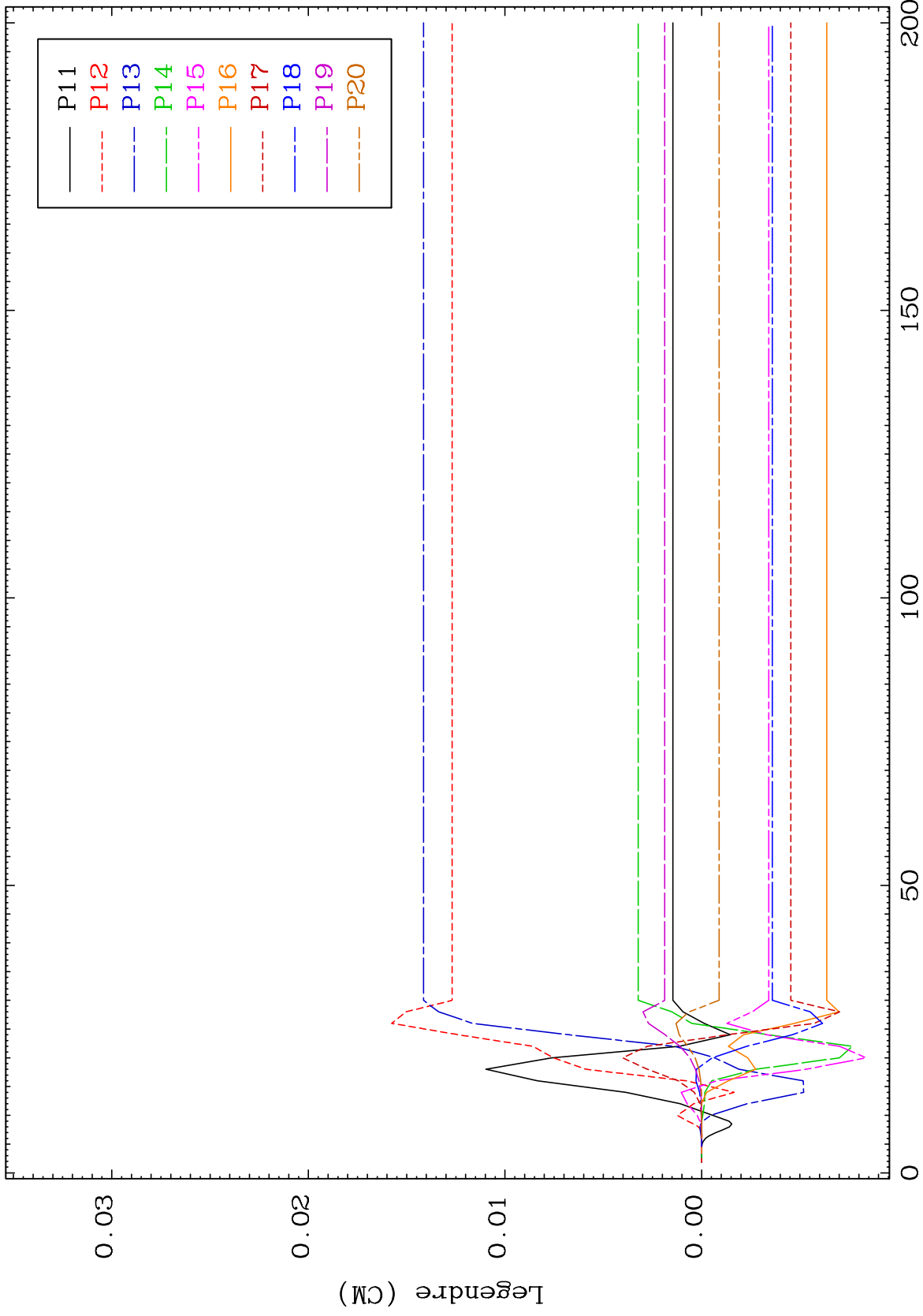
Incident Energy (MeV)

85

MAT 7452

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

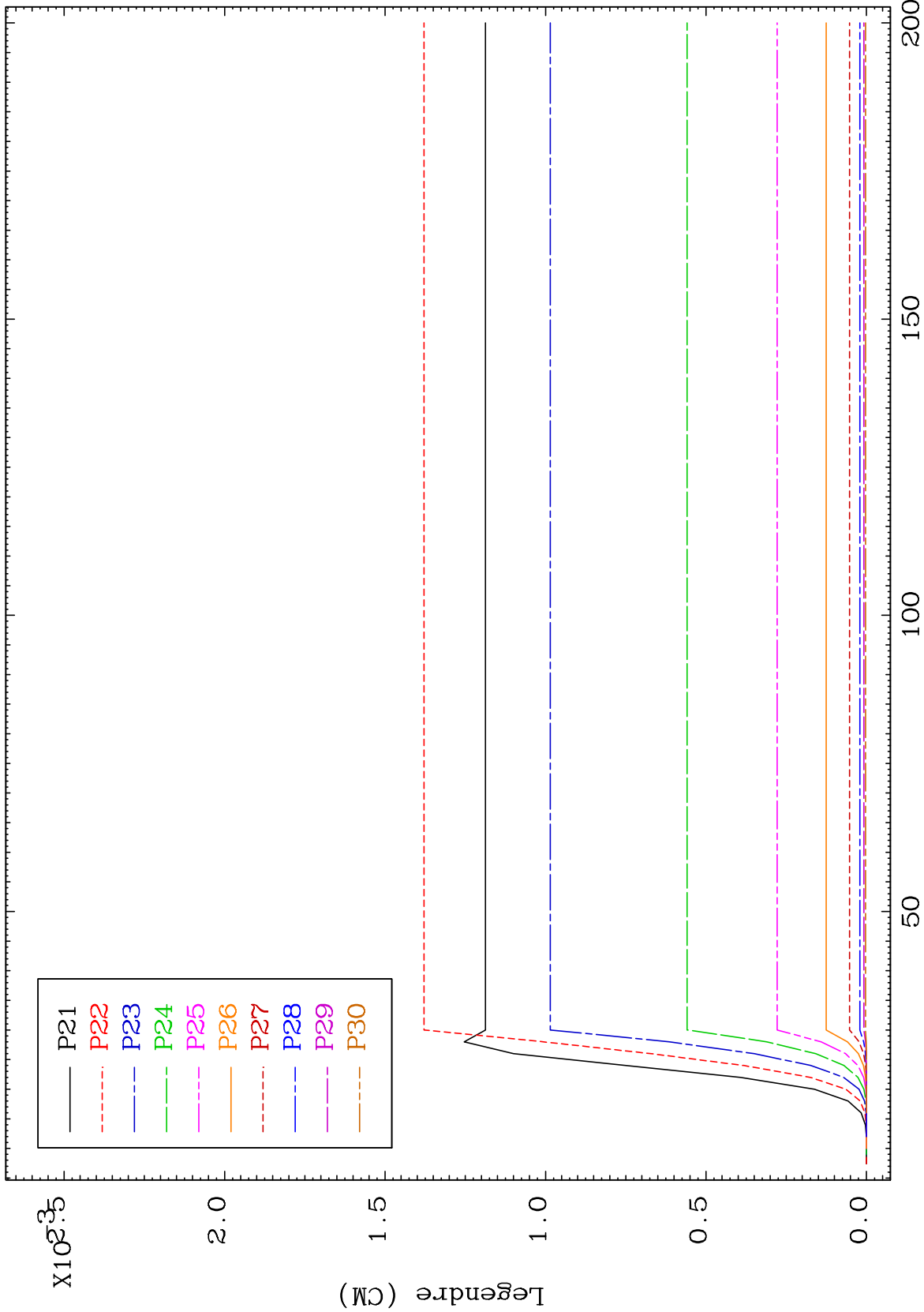
74-W -189

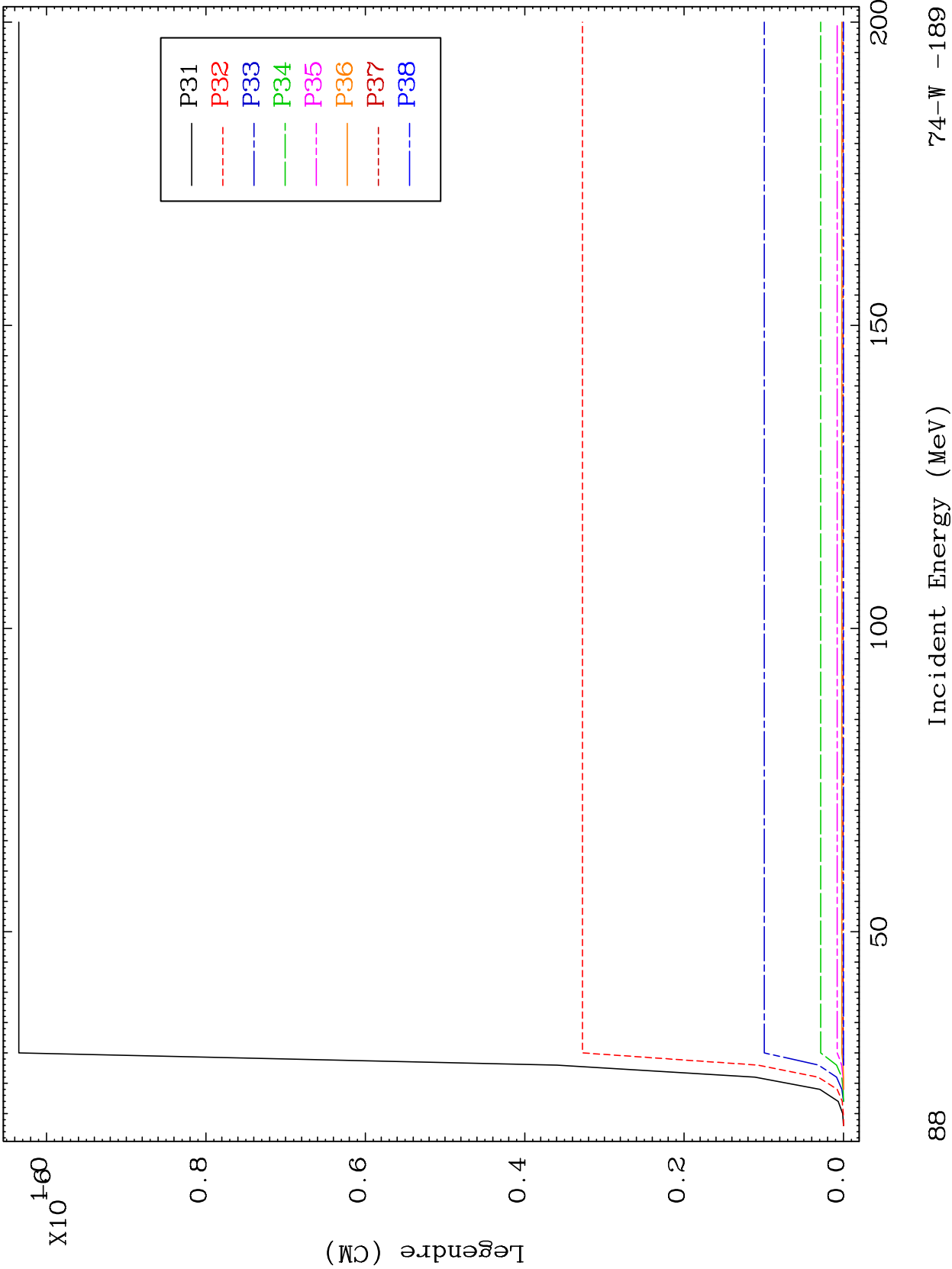


86

Incident Energy (MeV)

74-W -189

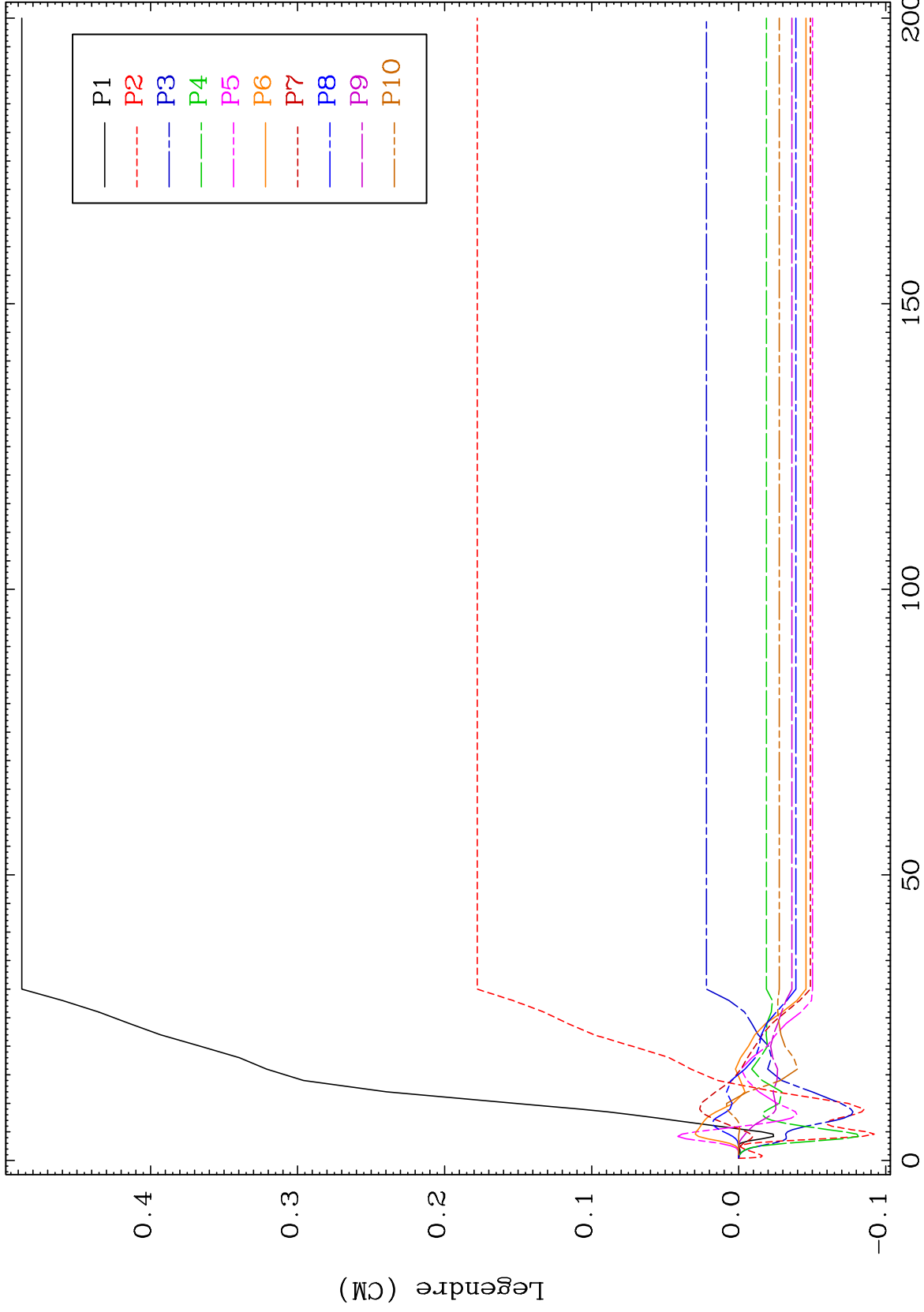




MAT 7452

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

74-W -189



89

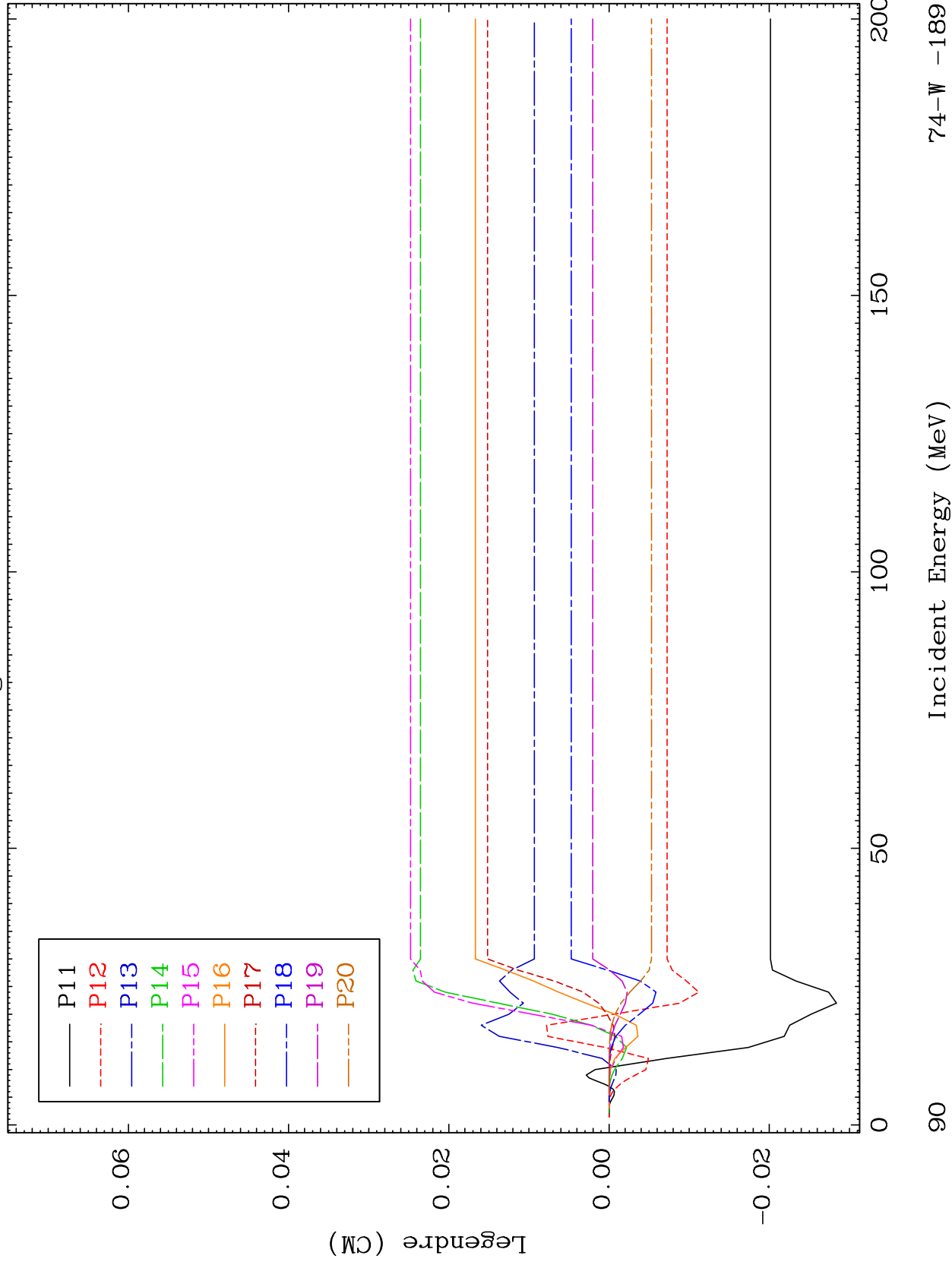
Incident Energy (MeV)

74-W -189

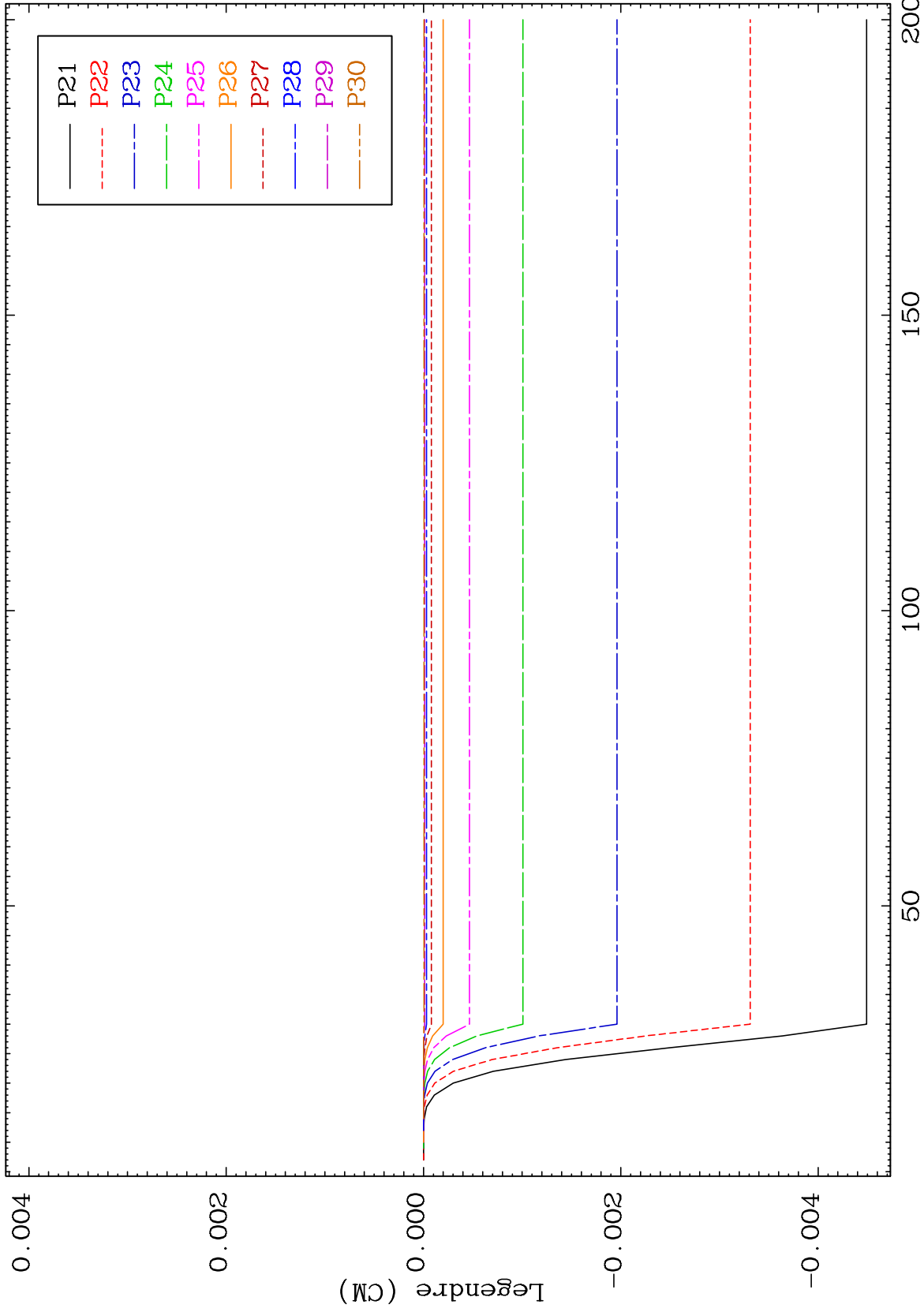
MAT 7452

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

74-W -189



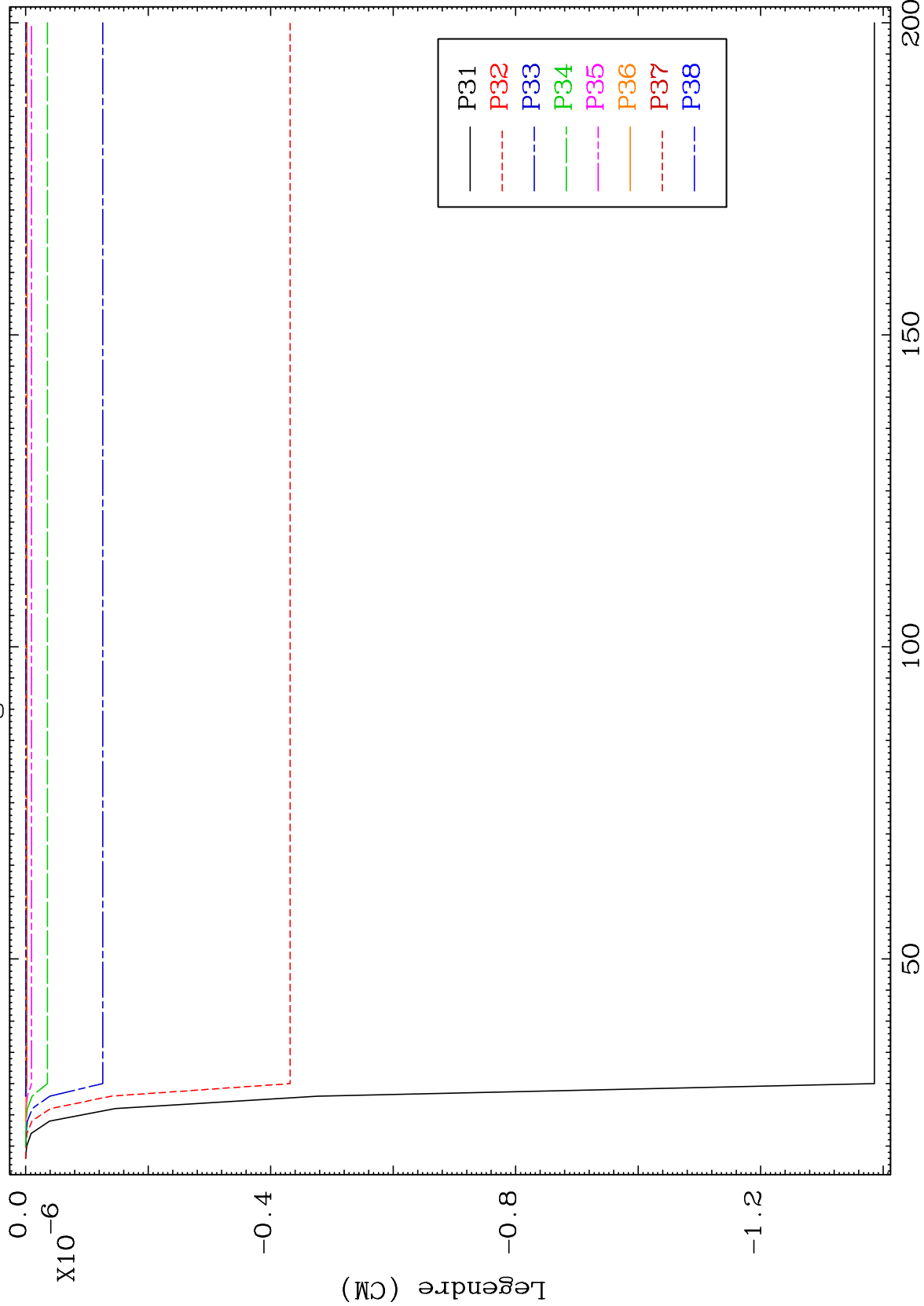
74-W -189



MAT 7452

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

74-W -189



92

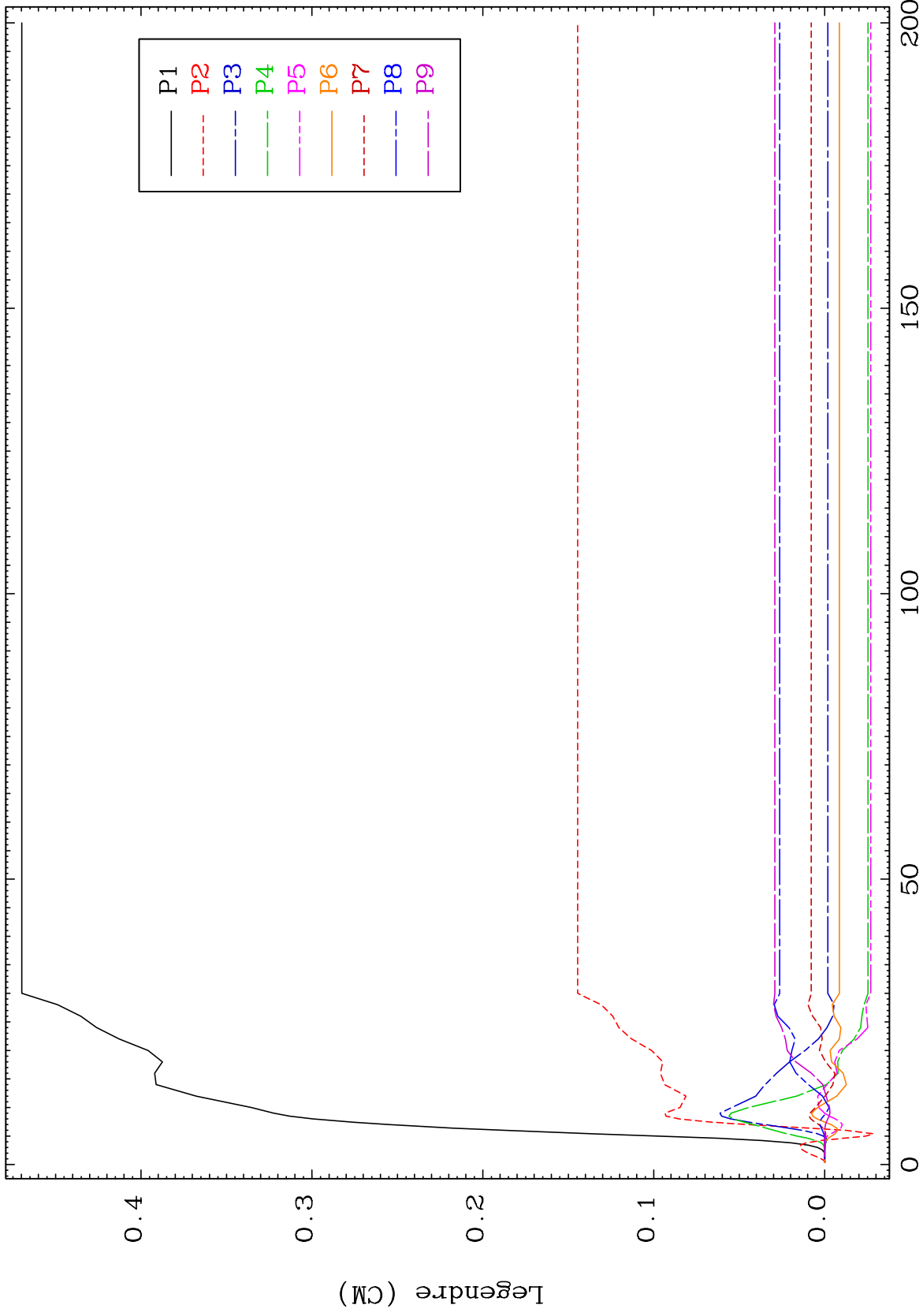
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



93

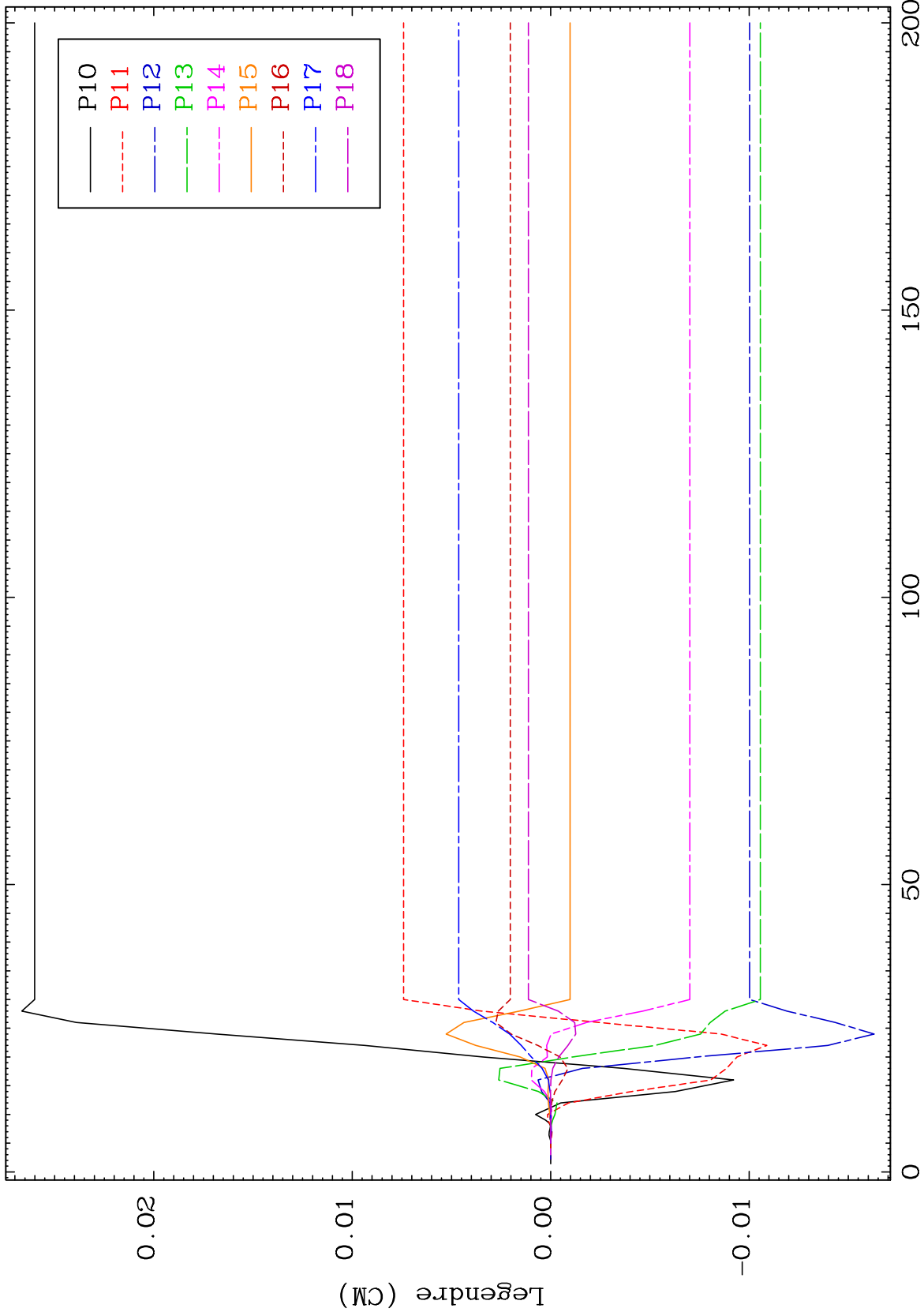
Incident Energy (MeV)

74-W -189

MAT 7452

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

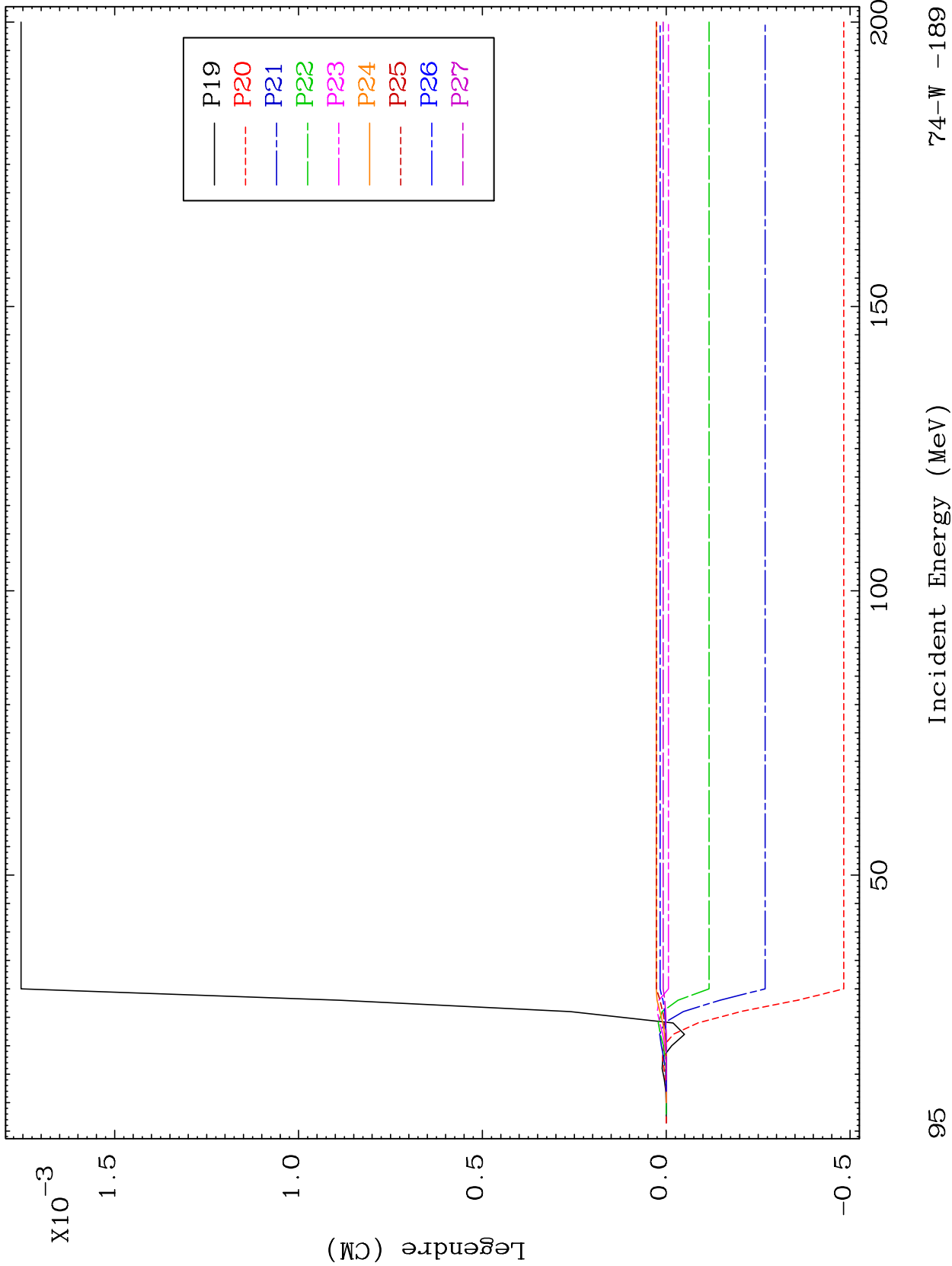
74-W -189



94

Incident Energy (MeV)

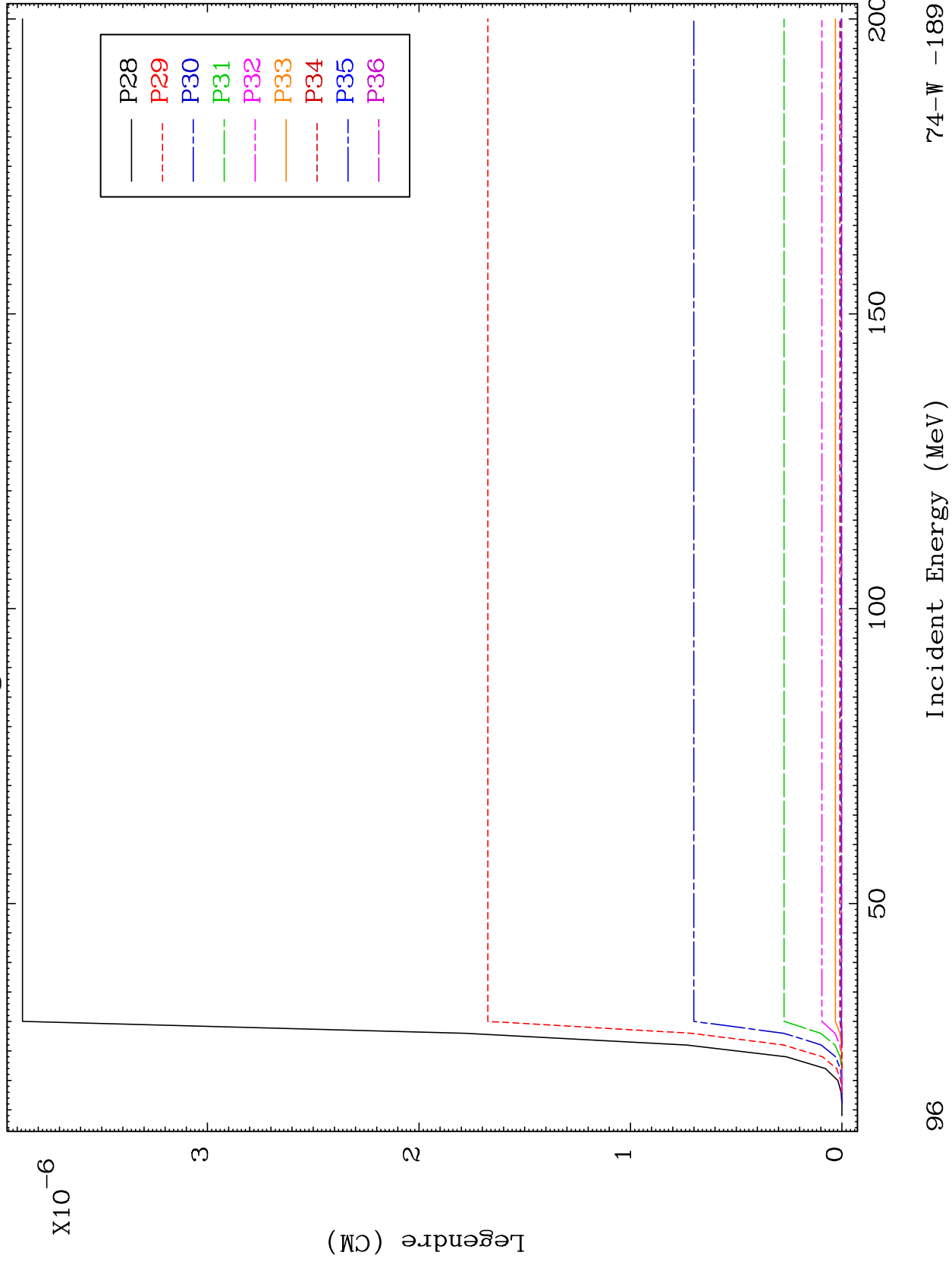
74-W -189



MAT 7452

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

74-W -189



96

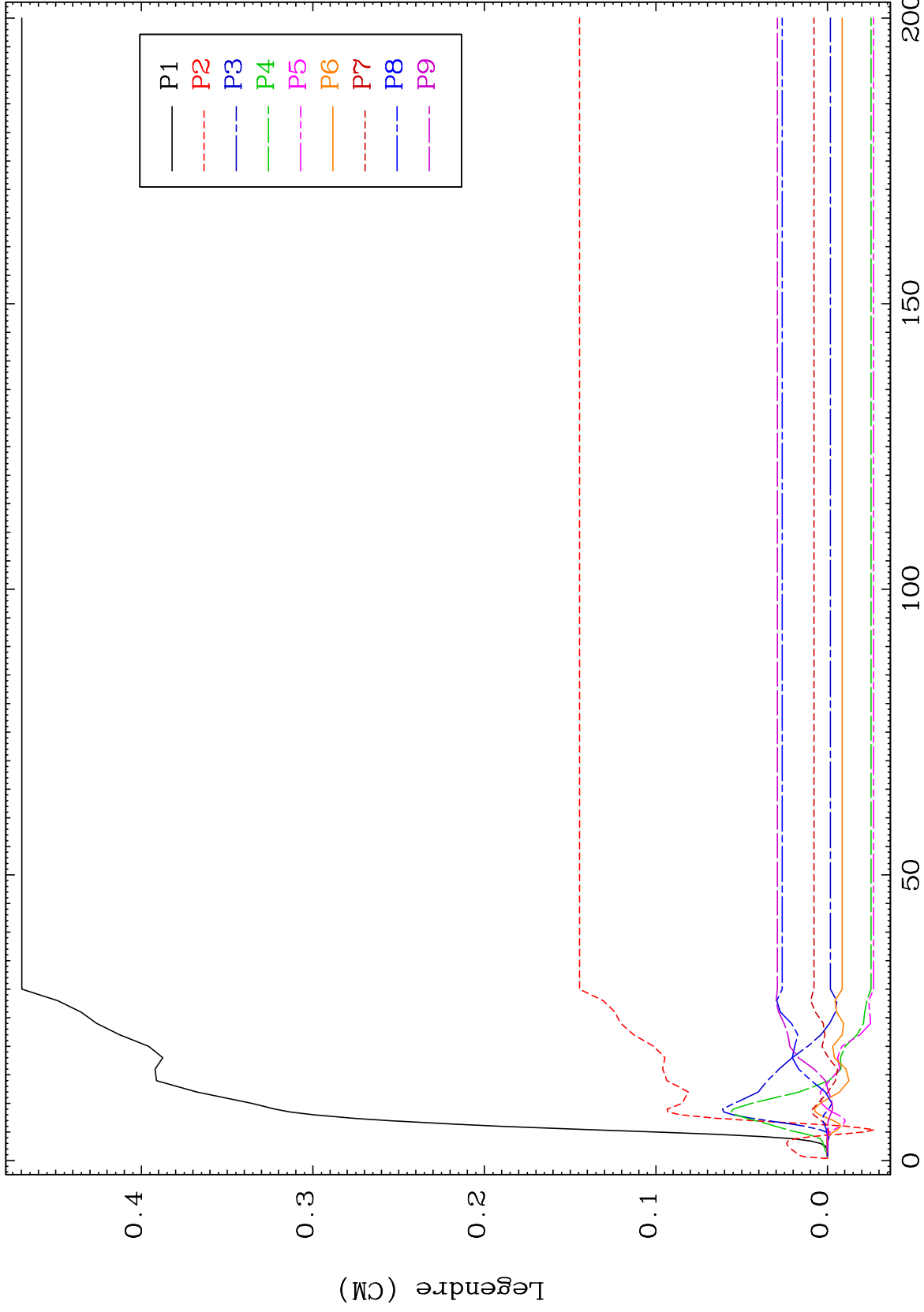
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



97

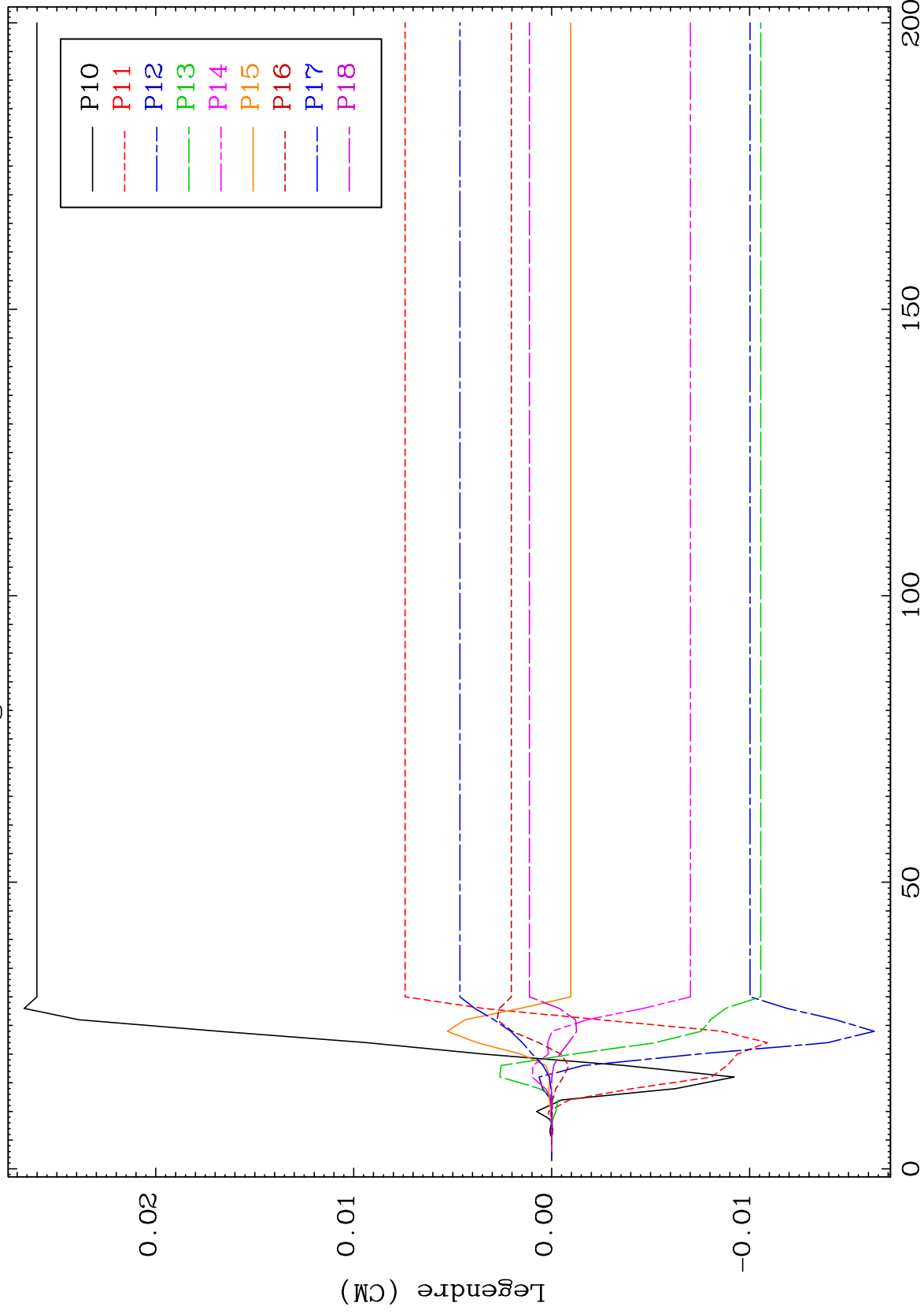
Incident Energy (MeV)

74-W -189

MAT 7452

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

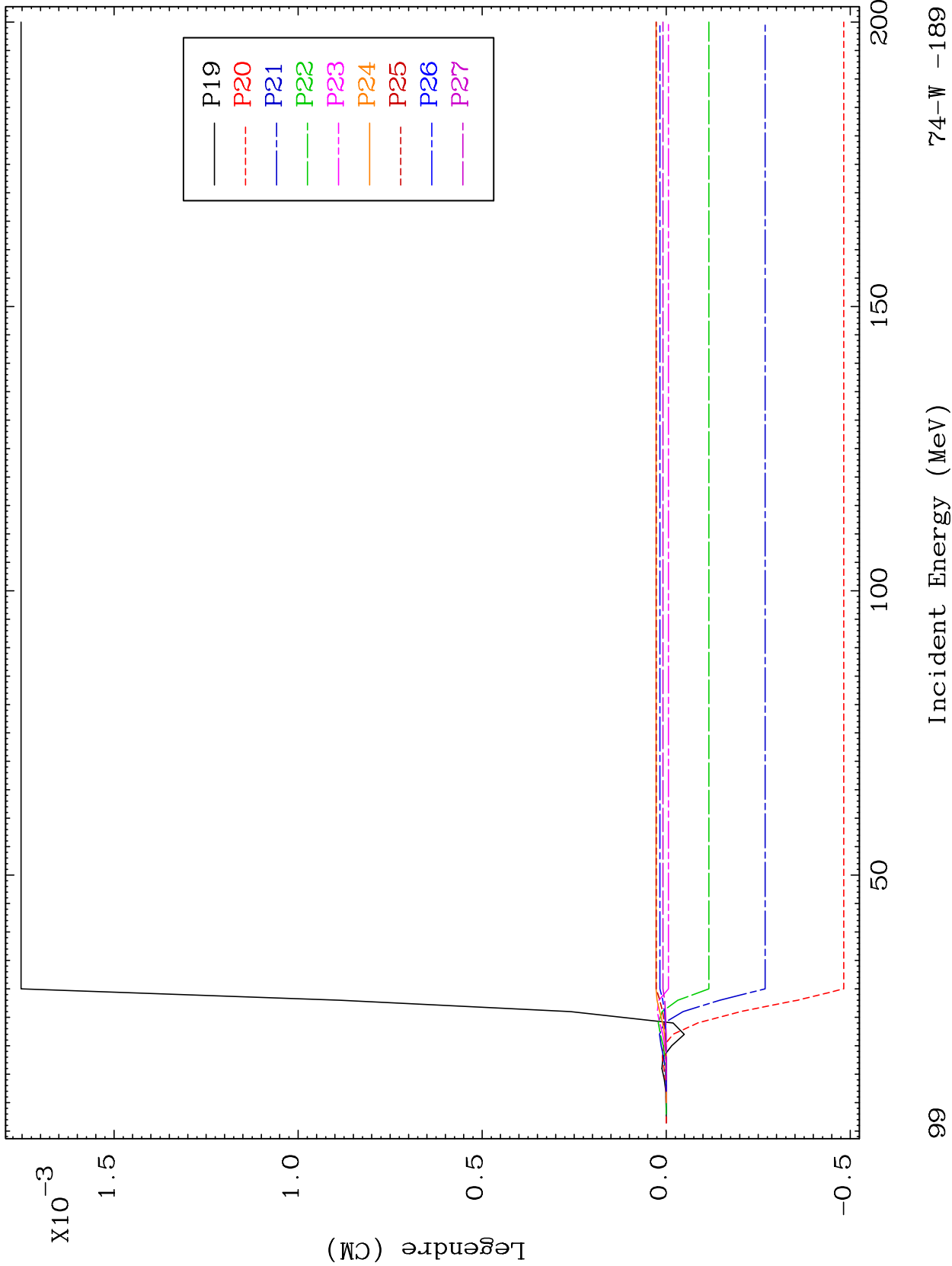
74-W -189



98

Incident Energy (MeV)

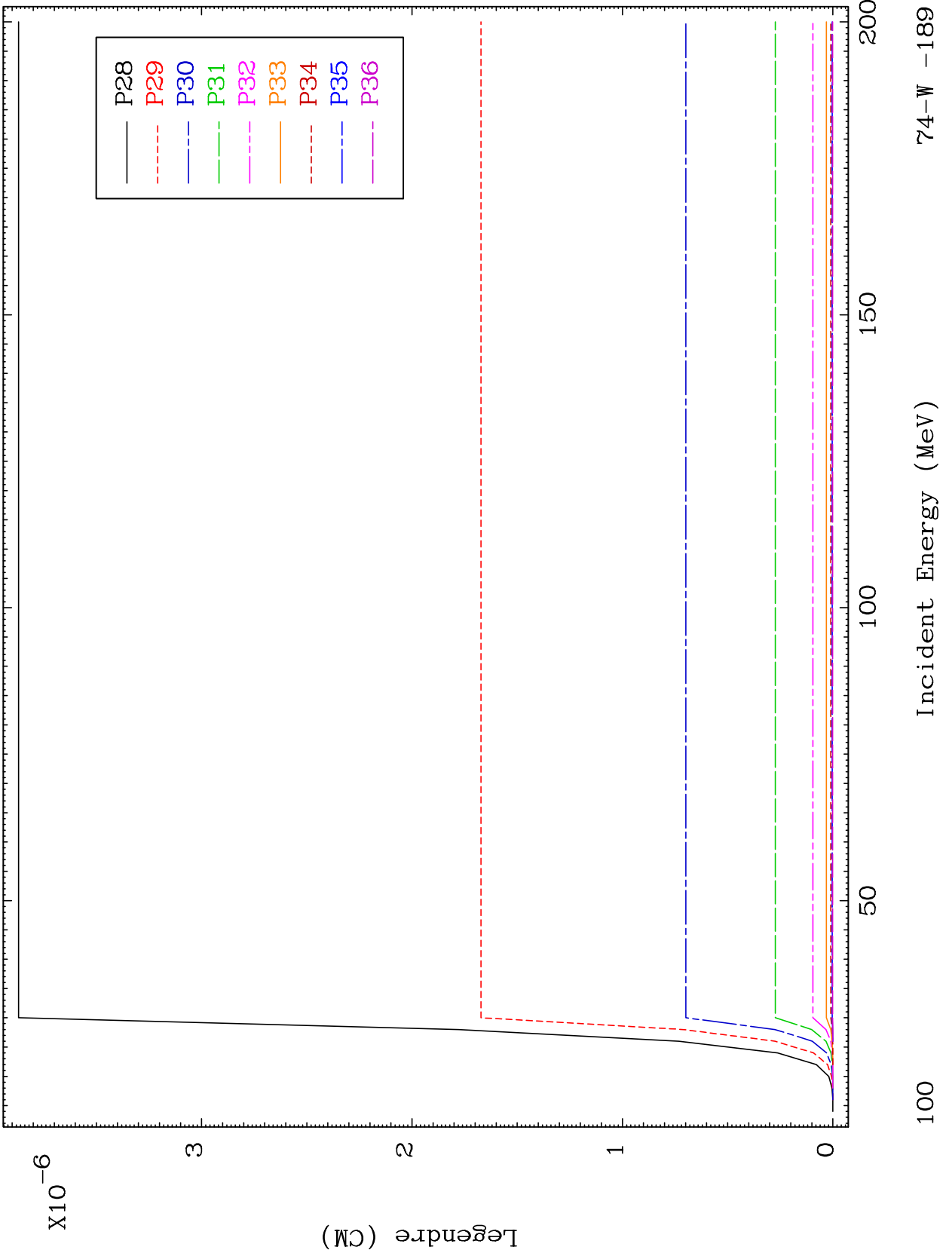
74-W -189



MAT 7452

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

74-W -189



100

Incident Energy (MeV)

150

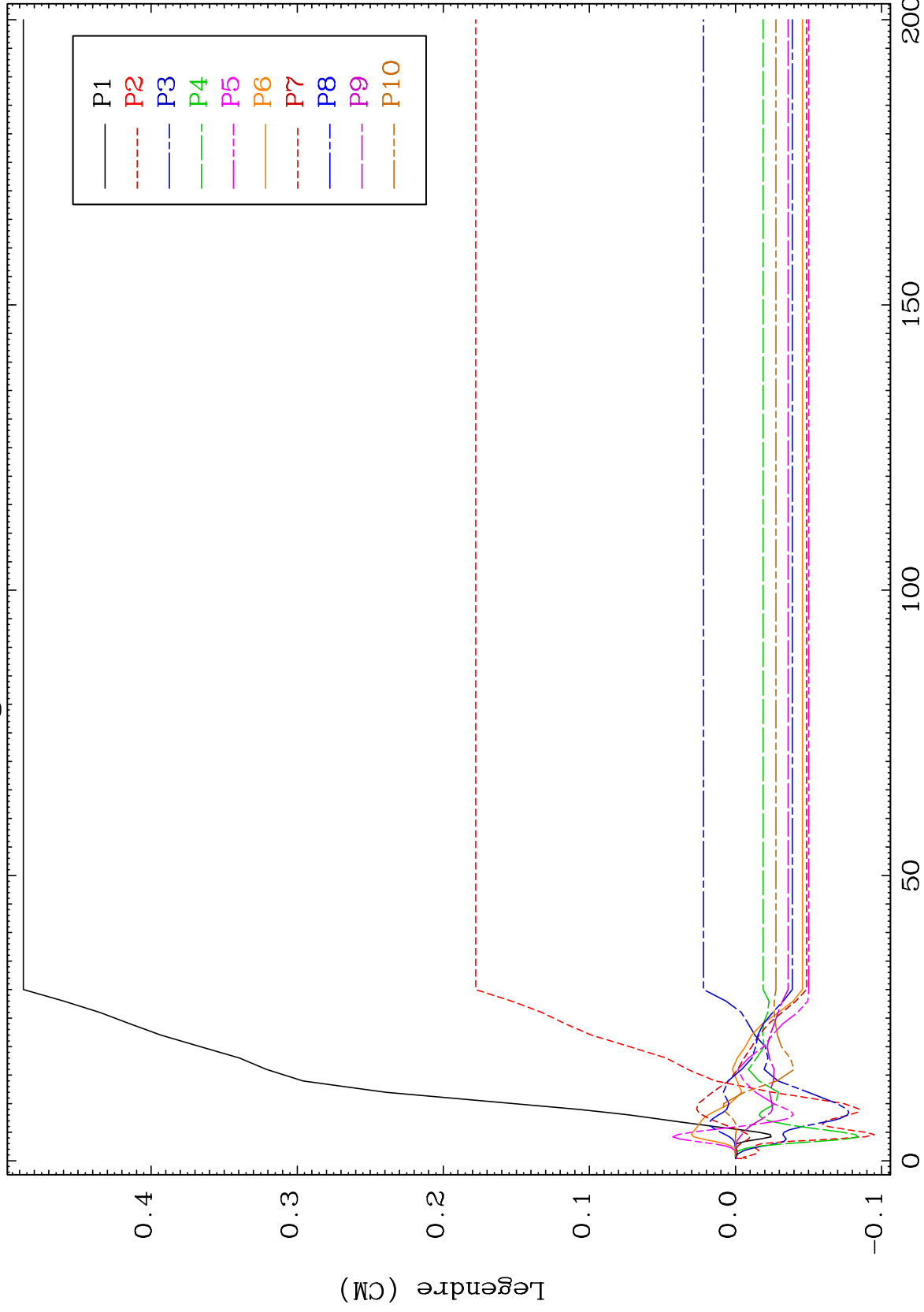
200

74-W -189

MAT 7452

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

74-W -189



101

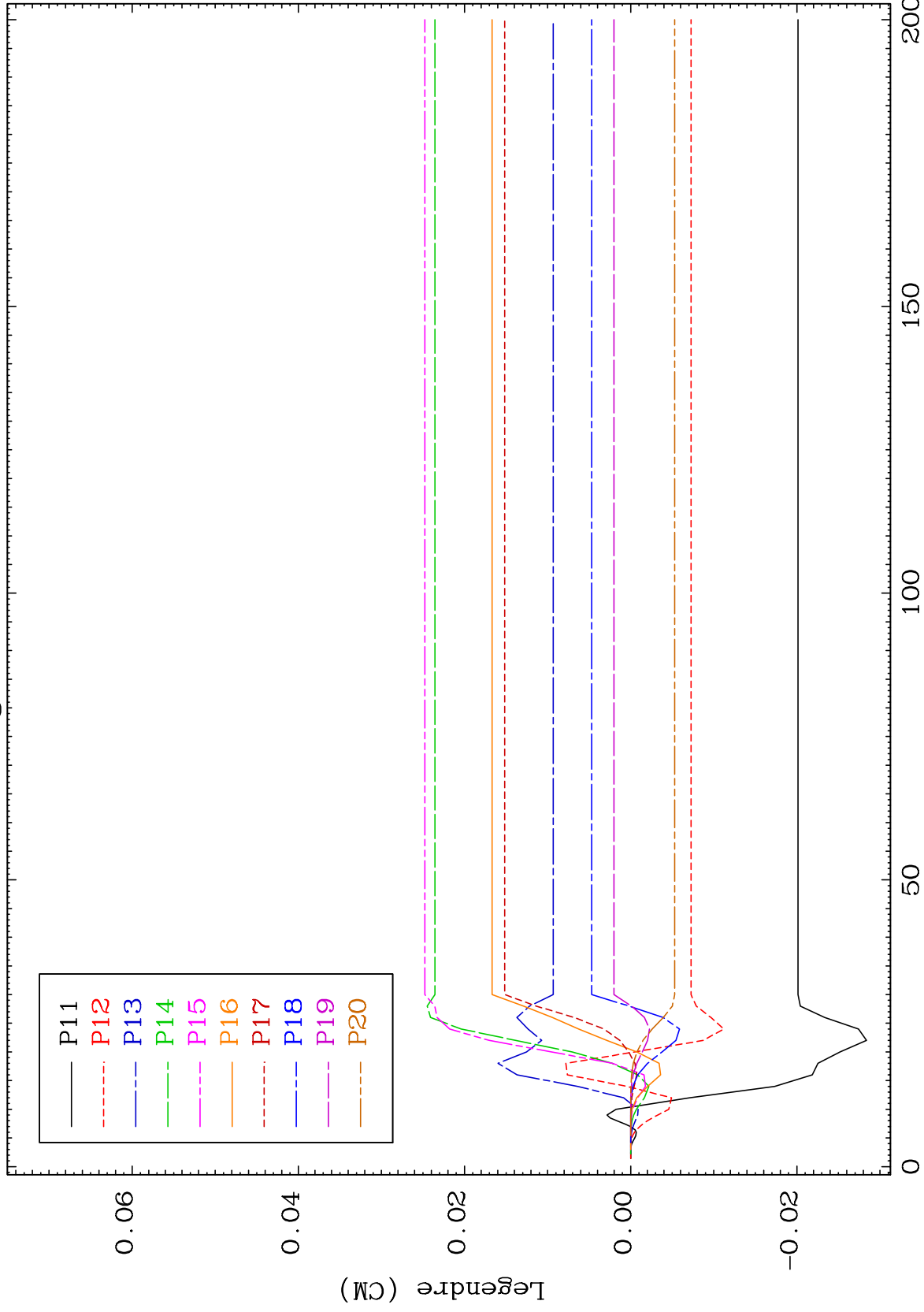
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



102

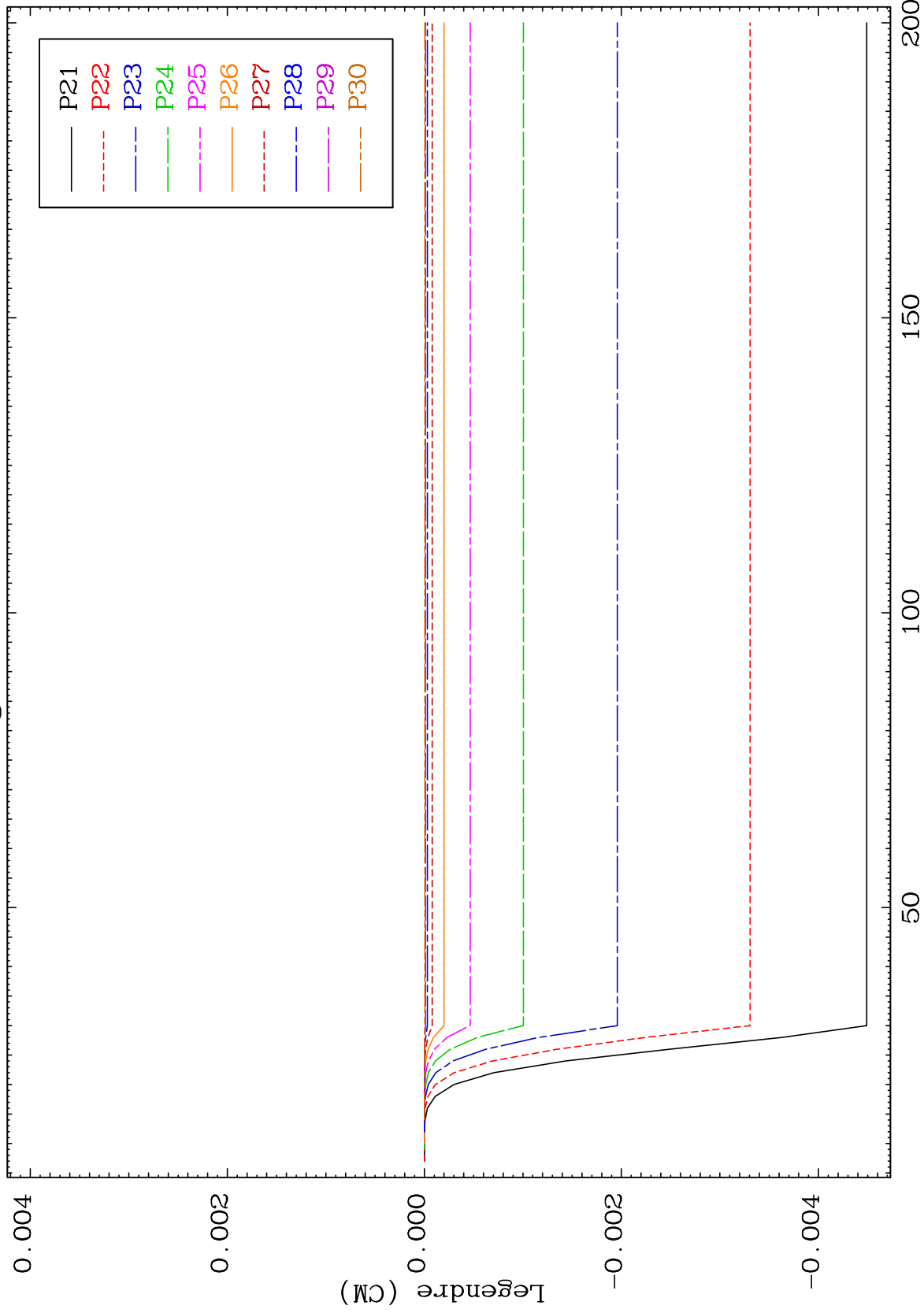
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



103

Incident Energy (MeV)

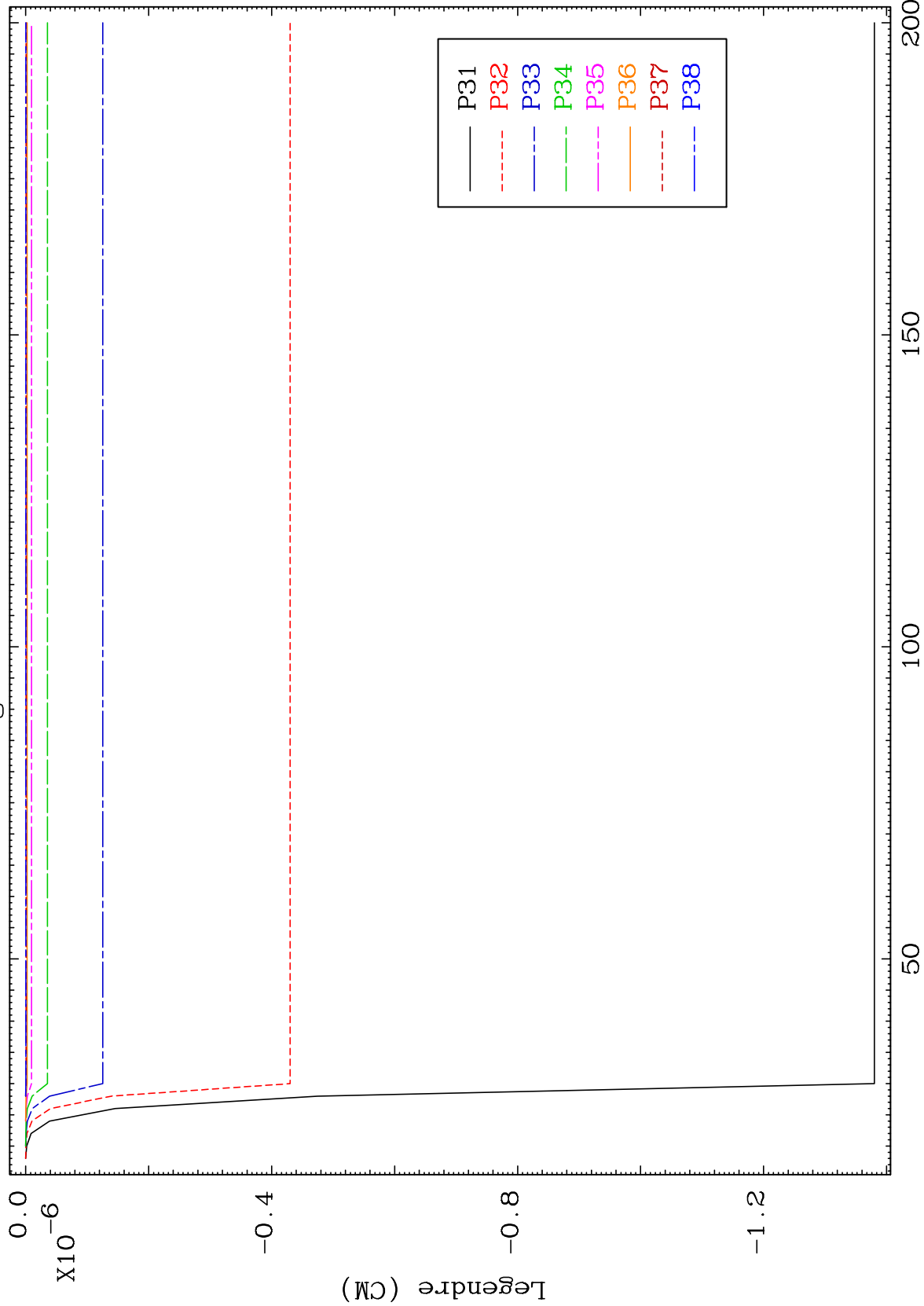
74-W -189

MAT 7452

MT= 71 (n,n') Level

74-W -189

Legendre Coefficients



74-W -189

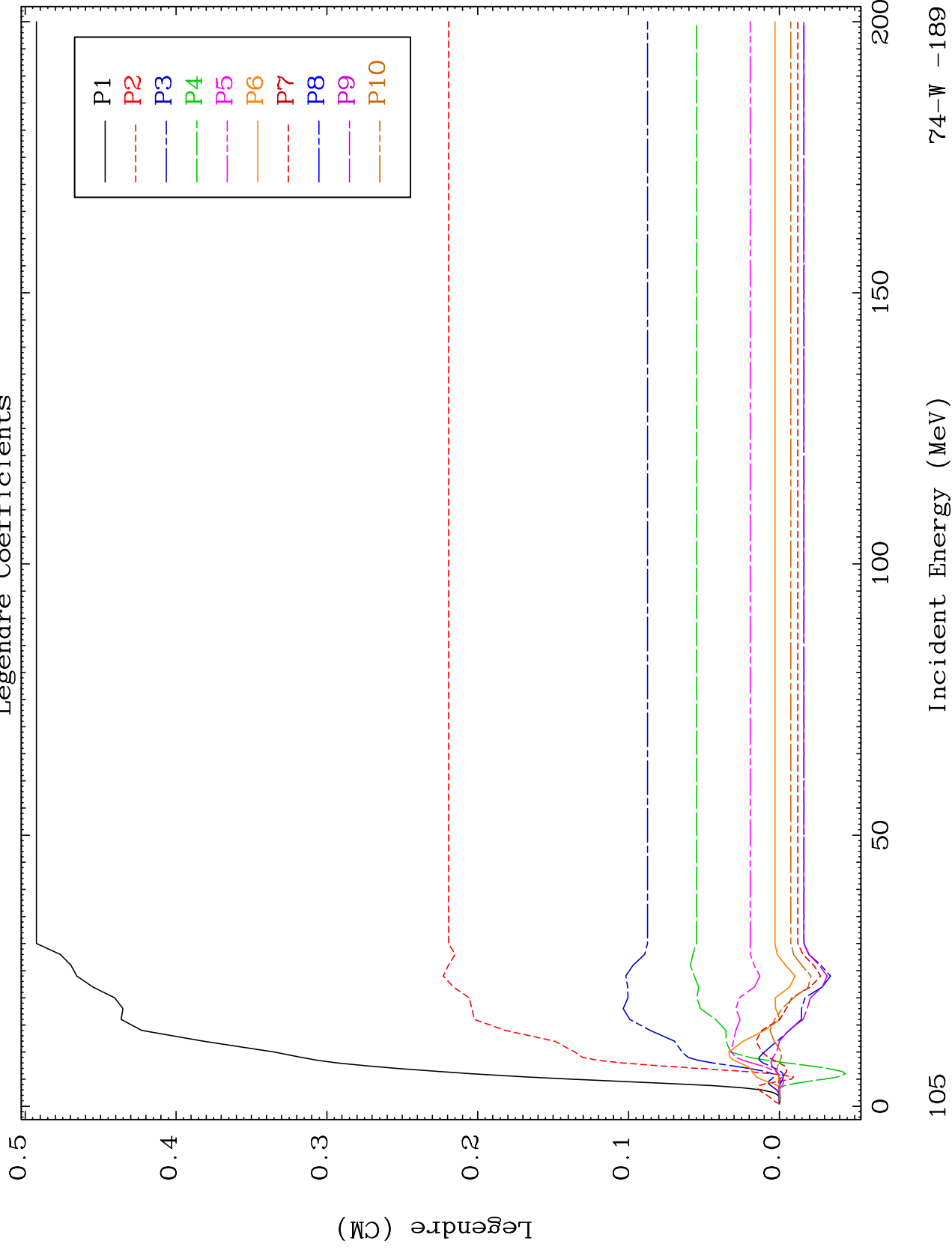
Incident Energy (MeV)

104

MAT 7452

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

74-W -189



74-W -189

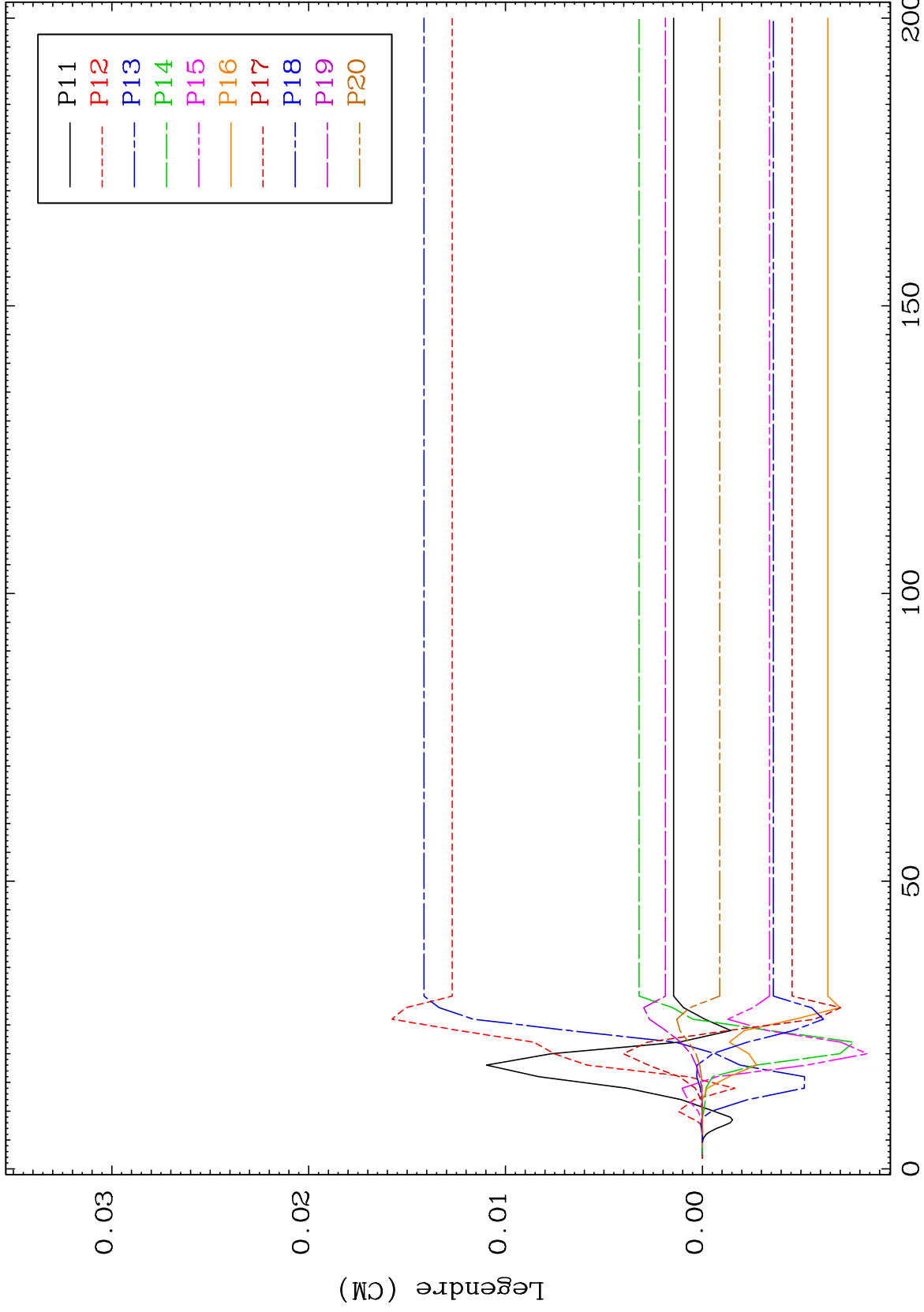
Incident Energy (MeV)

105

MAT 7452

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

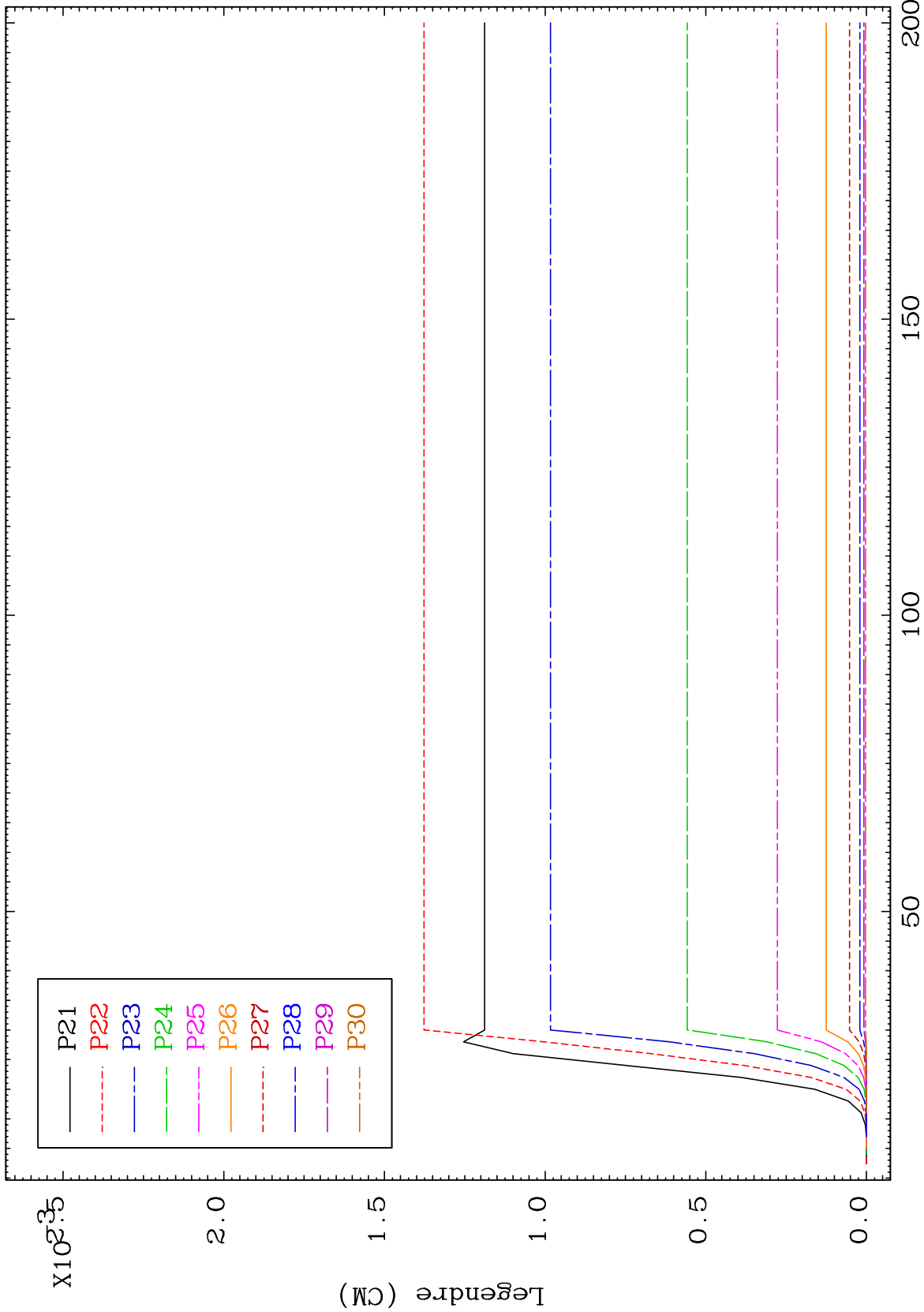
74-W -189



106

Incident Energy (MeV)

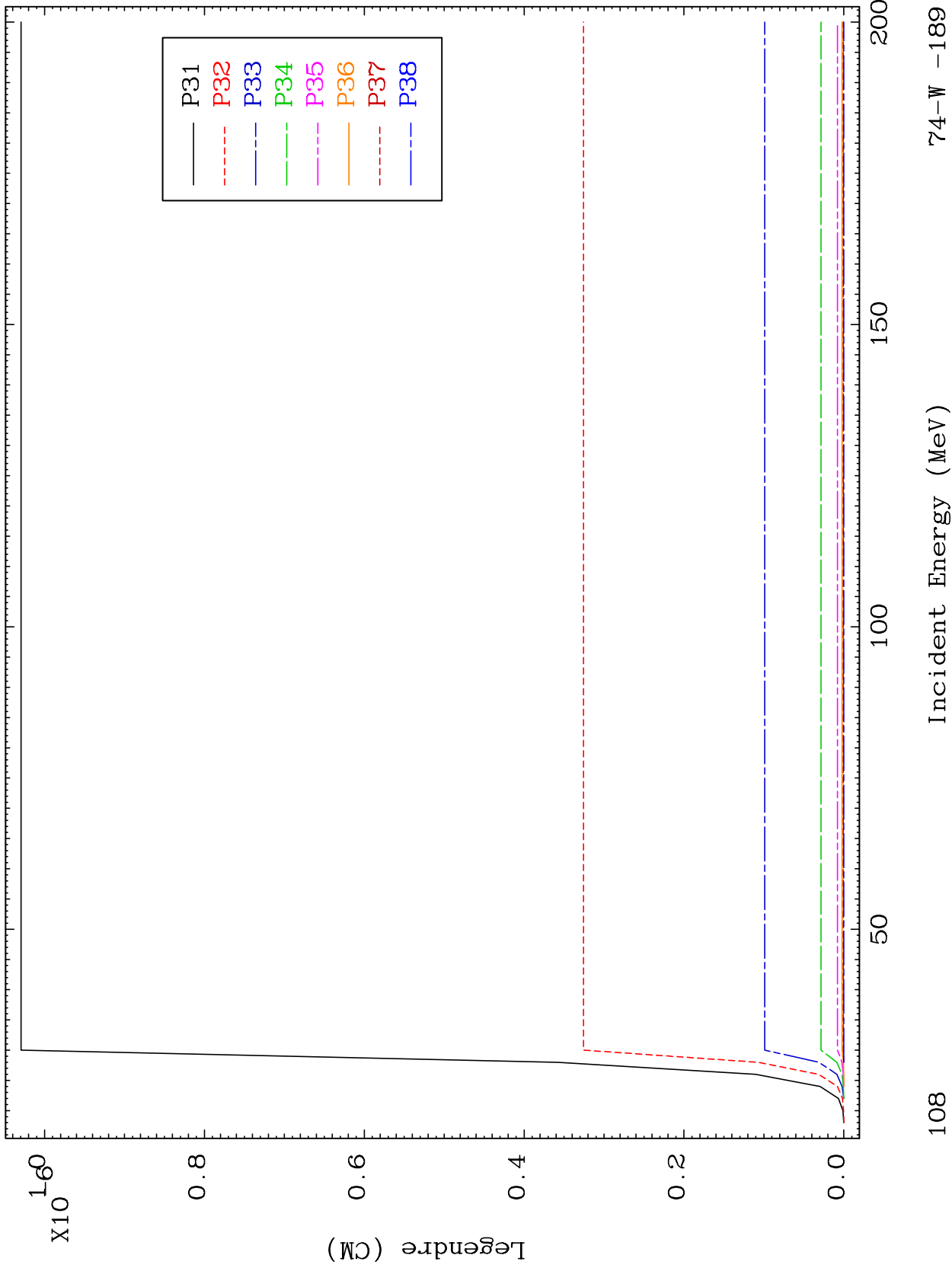
74-W -189



MAT 7452

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

74-W -189

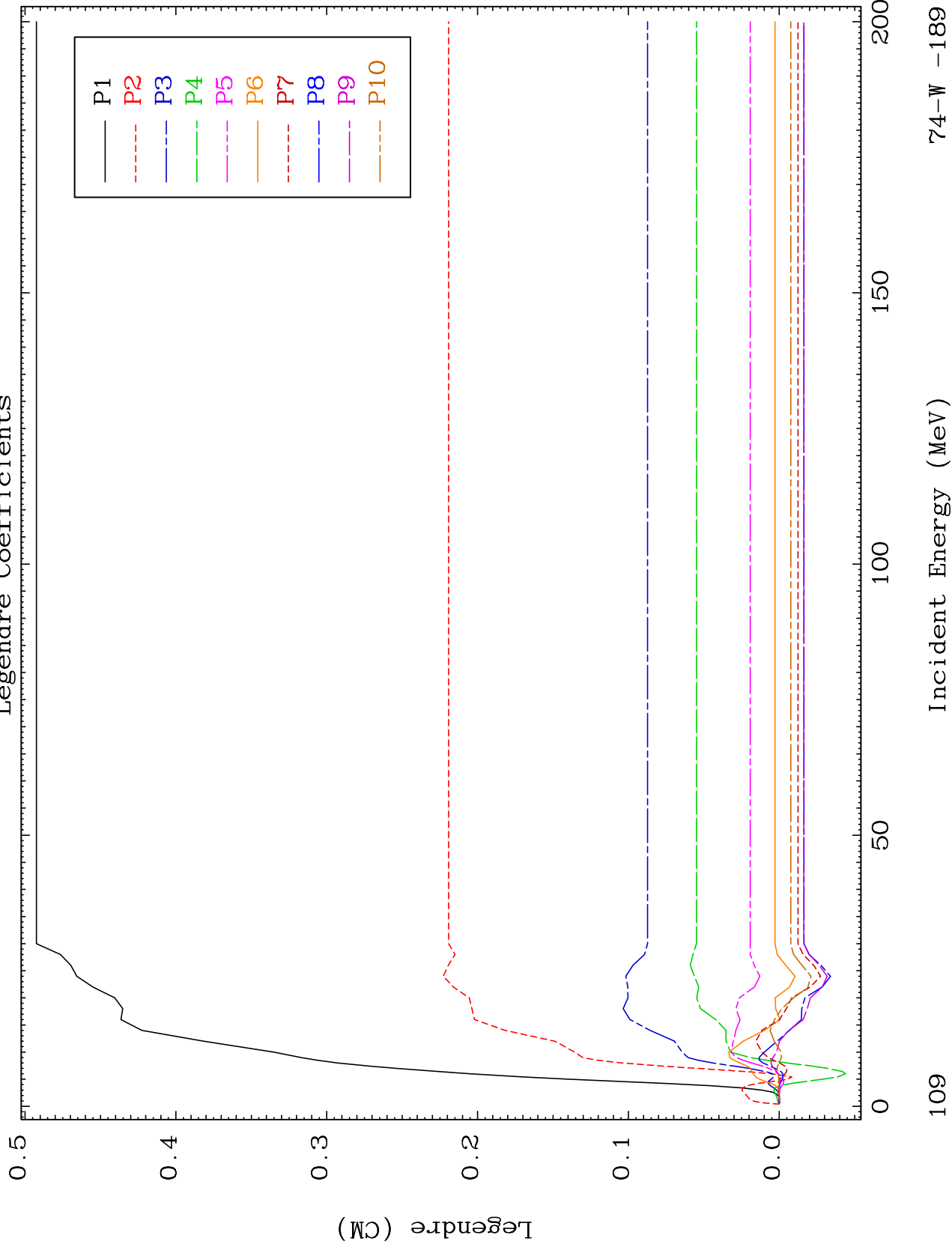


108

MAT 7452

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

74-W -189



74-W -189

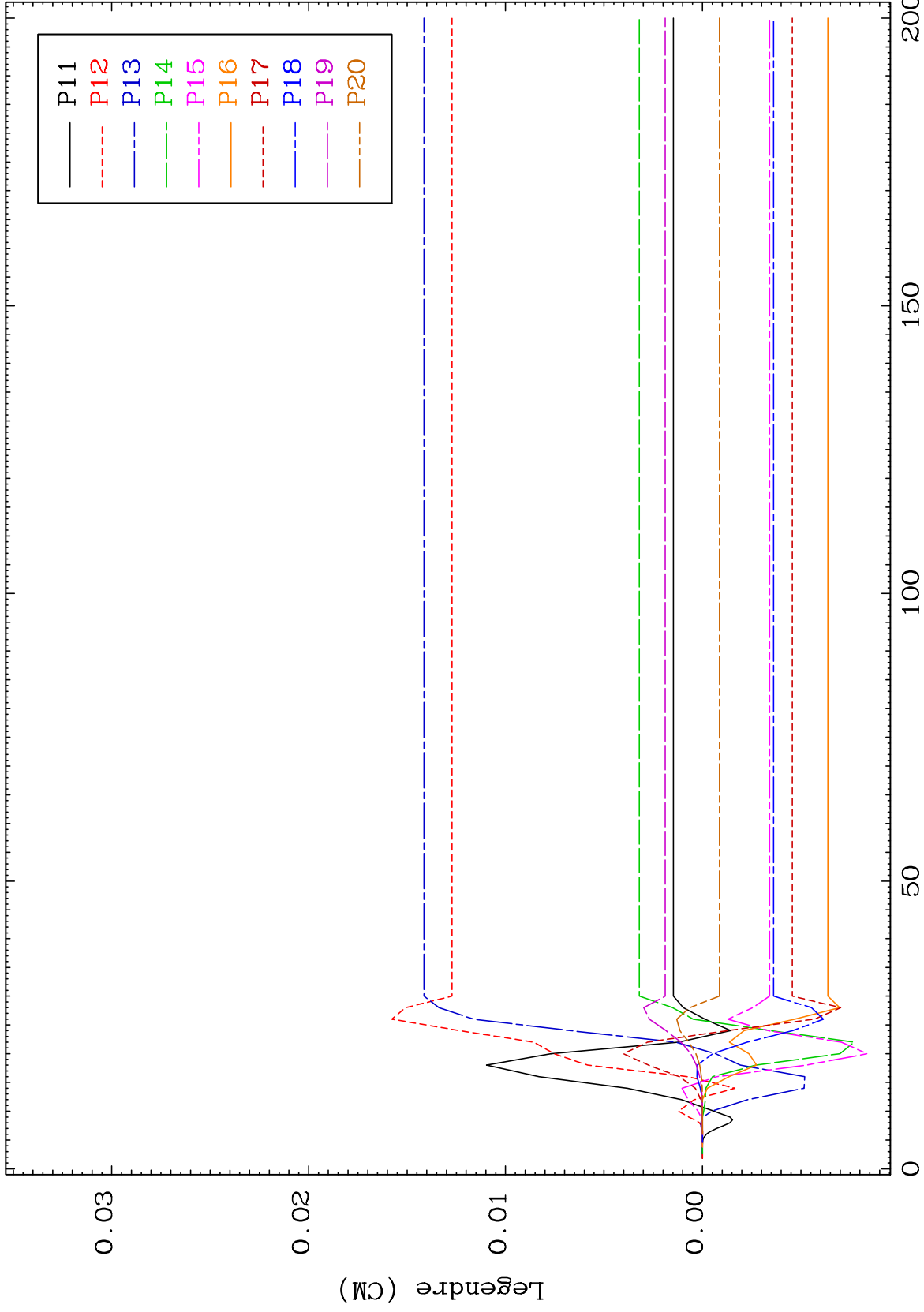
Incident Energy (MeV)

109

MAT 7452

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

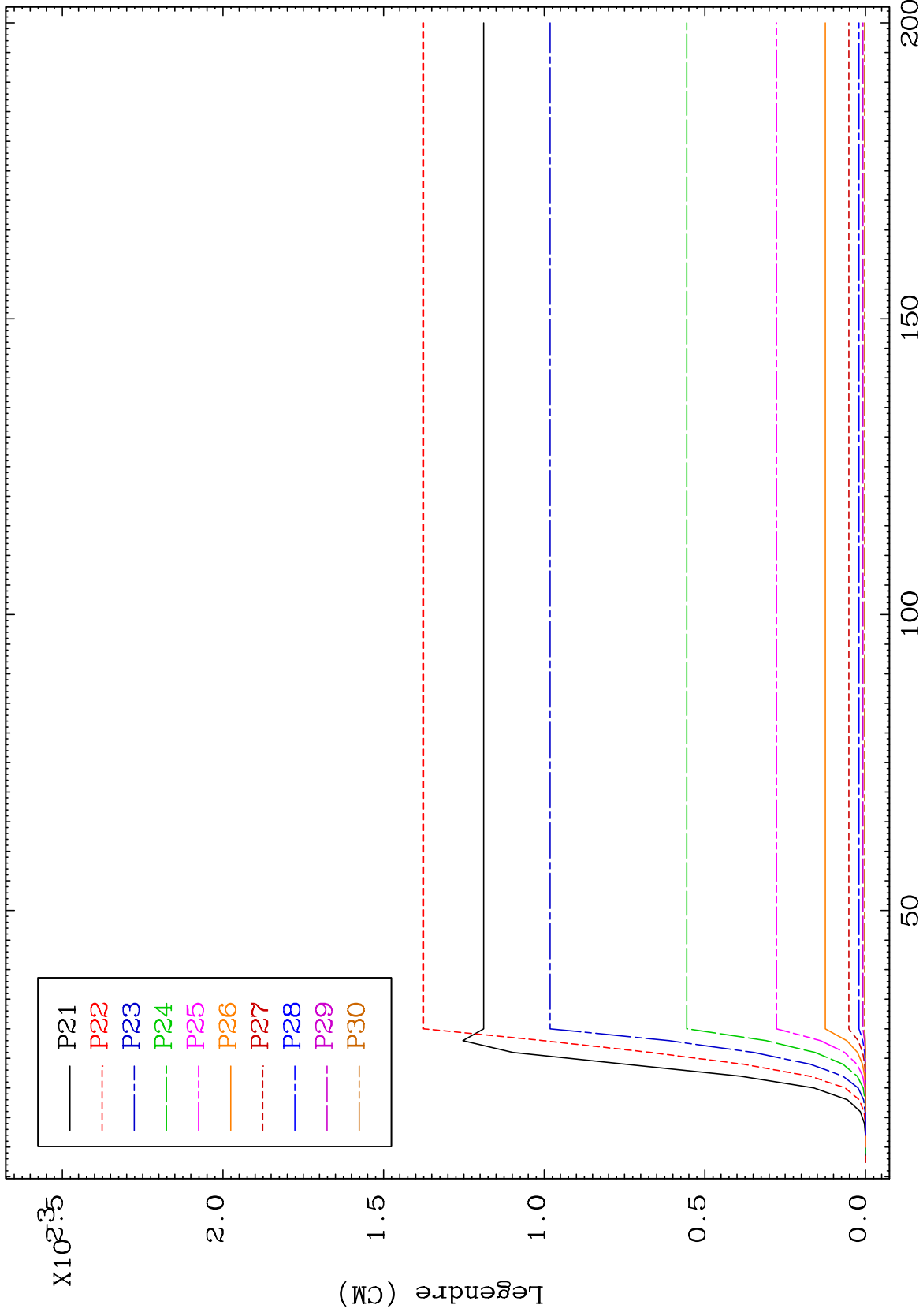
74-W -189

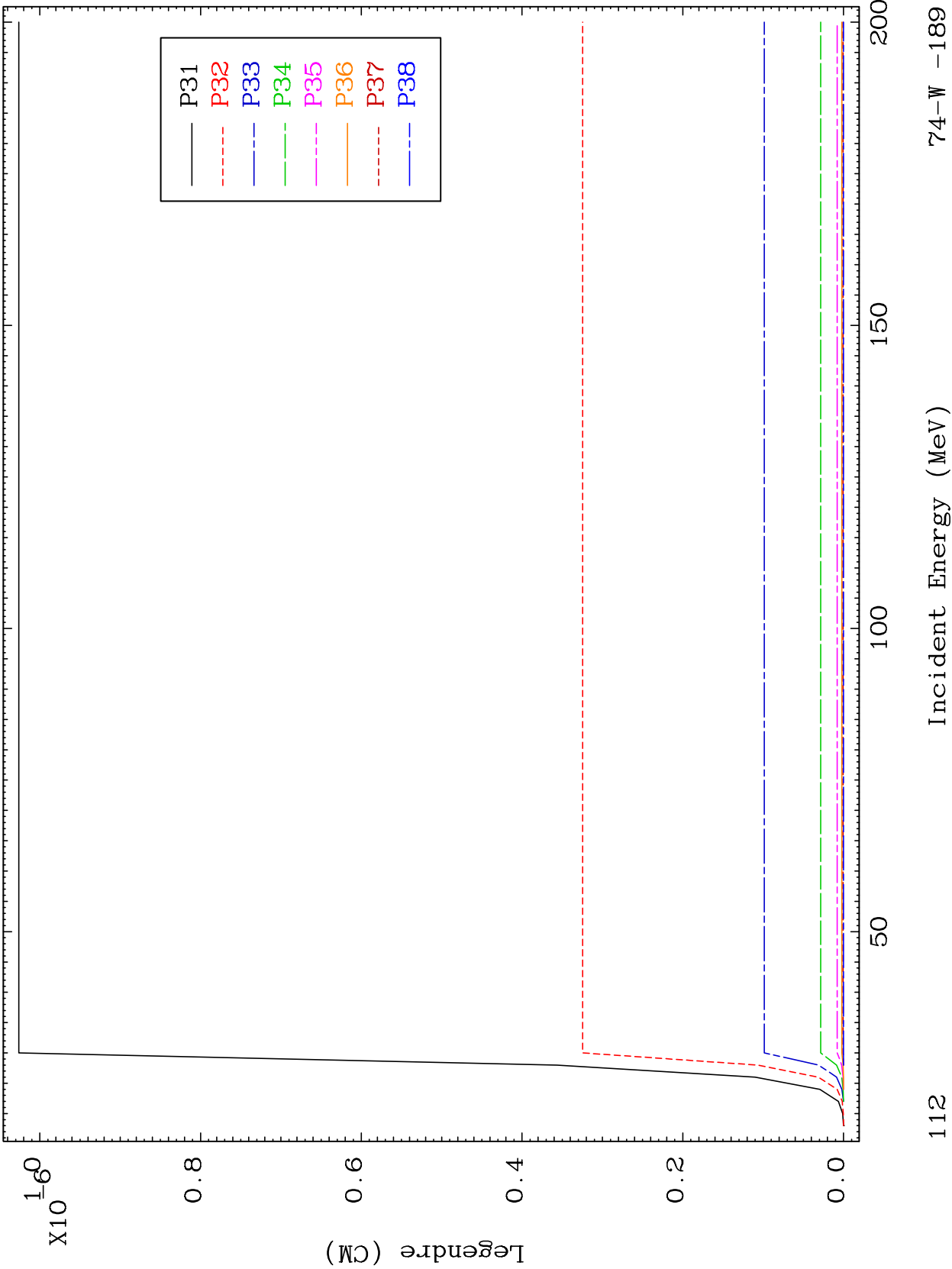


110

Incident Energy (MeV)

74-W -189

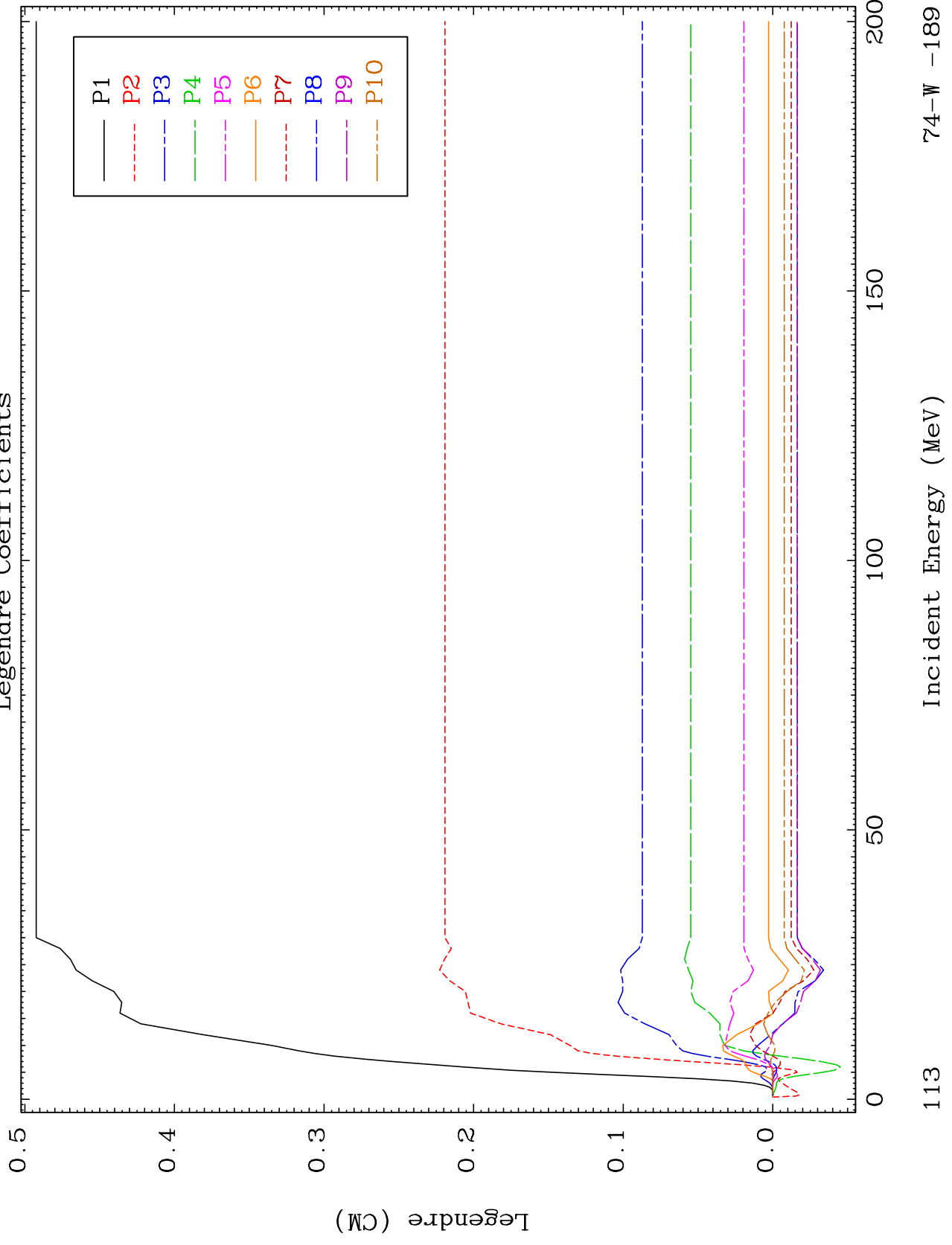




MAT 7452

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

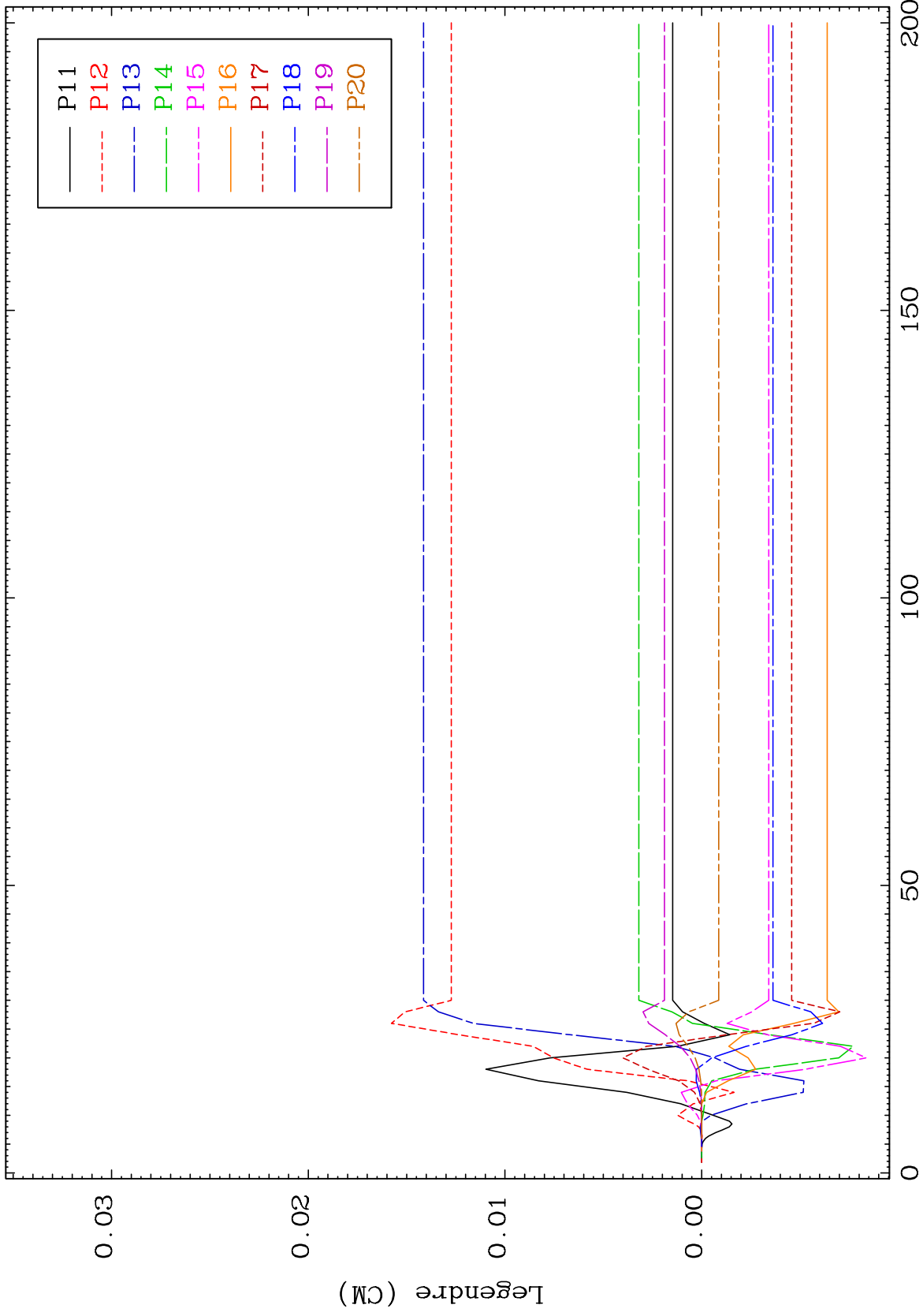
74-W -189



MAT 7452

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

74-W -189



114

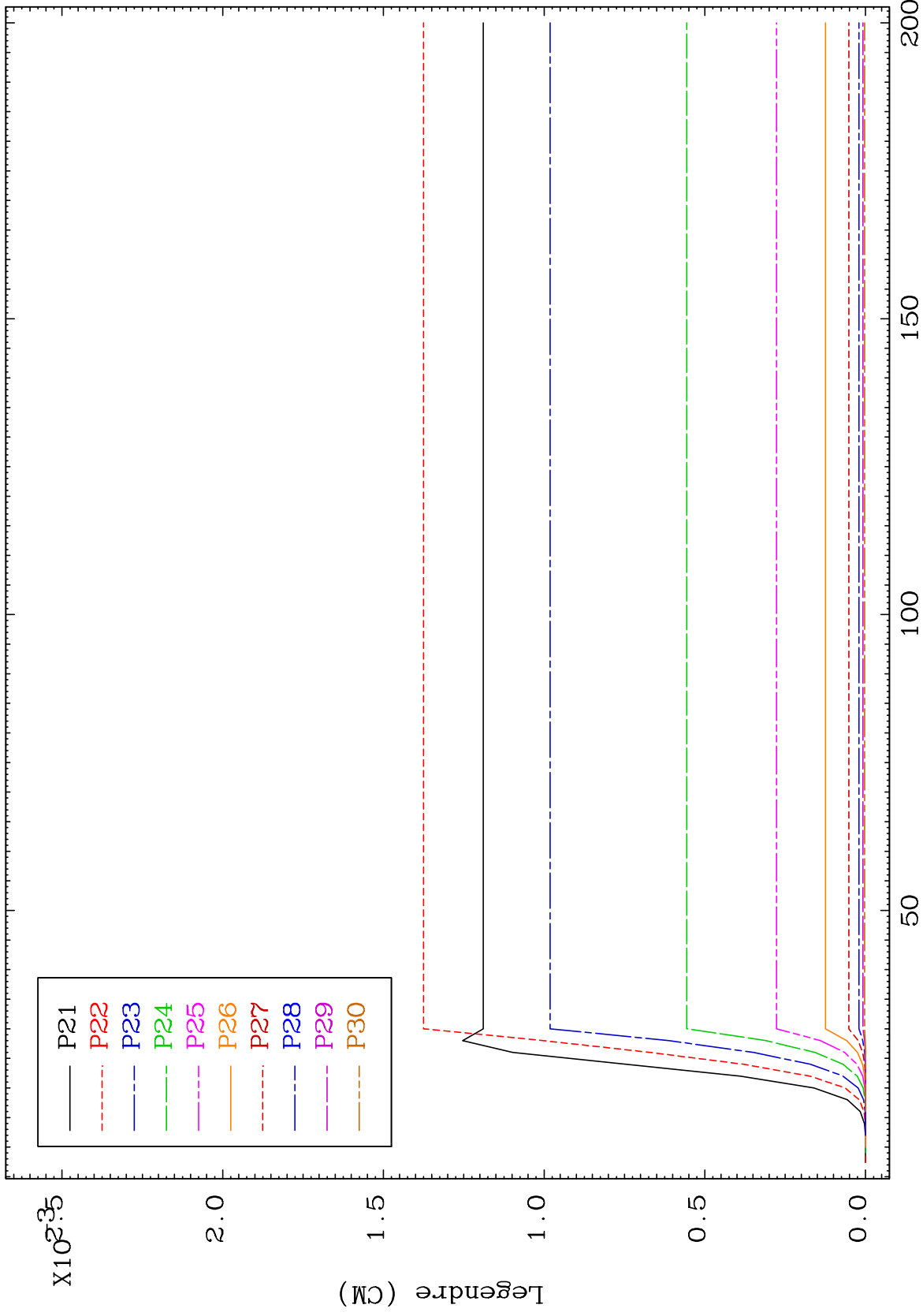
Incident Energy (MeV)

74-W -189

MAT 7452

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

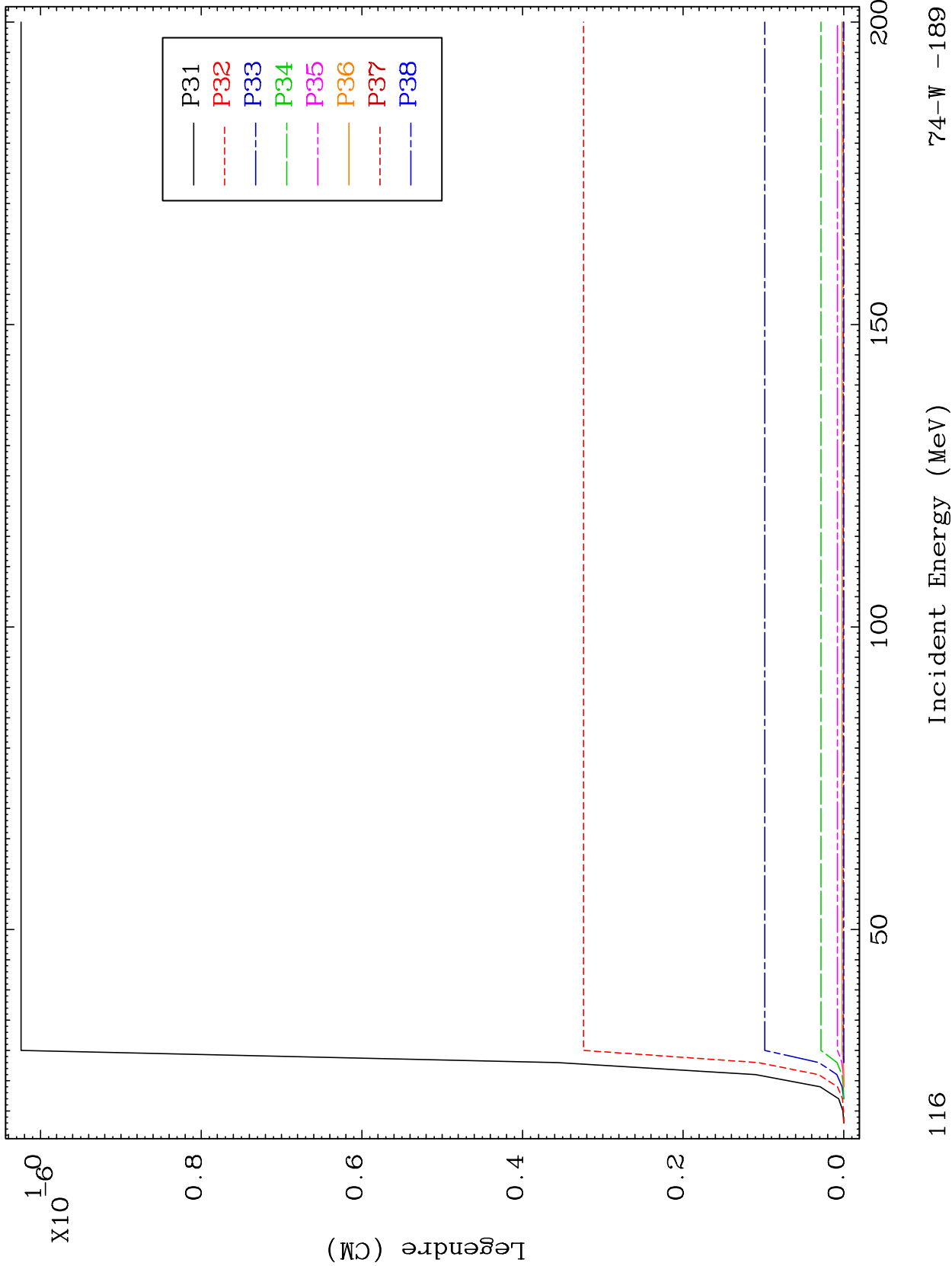
74-W -189

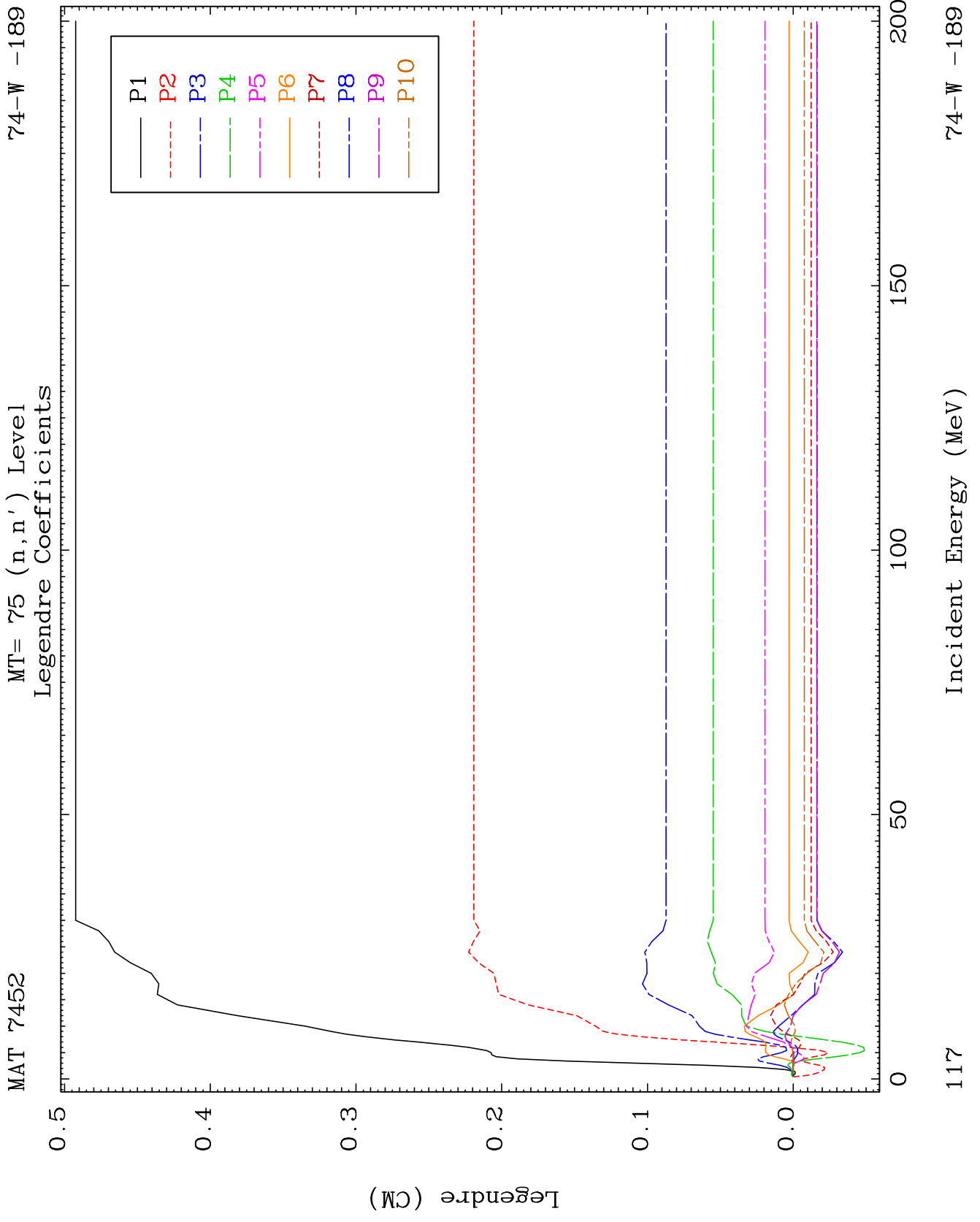


115

Incident Energy (MeV)

74-W -189

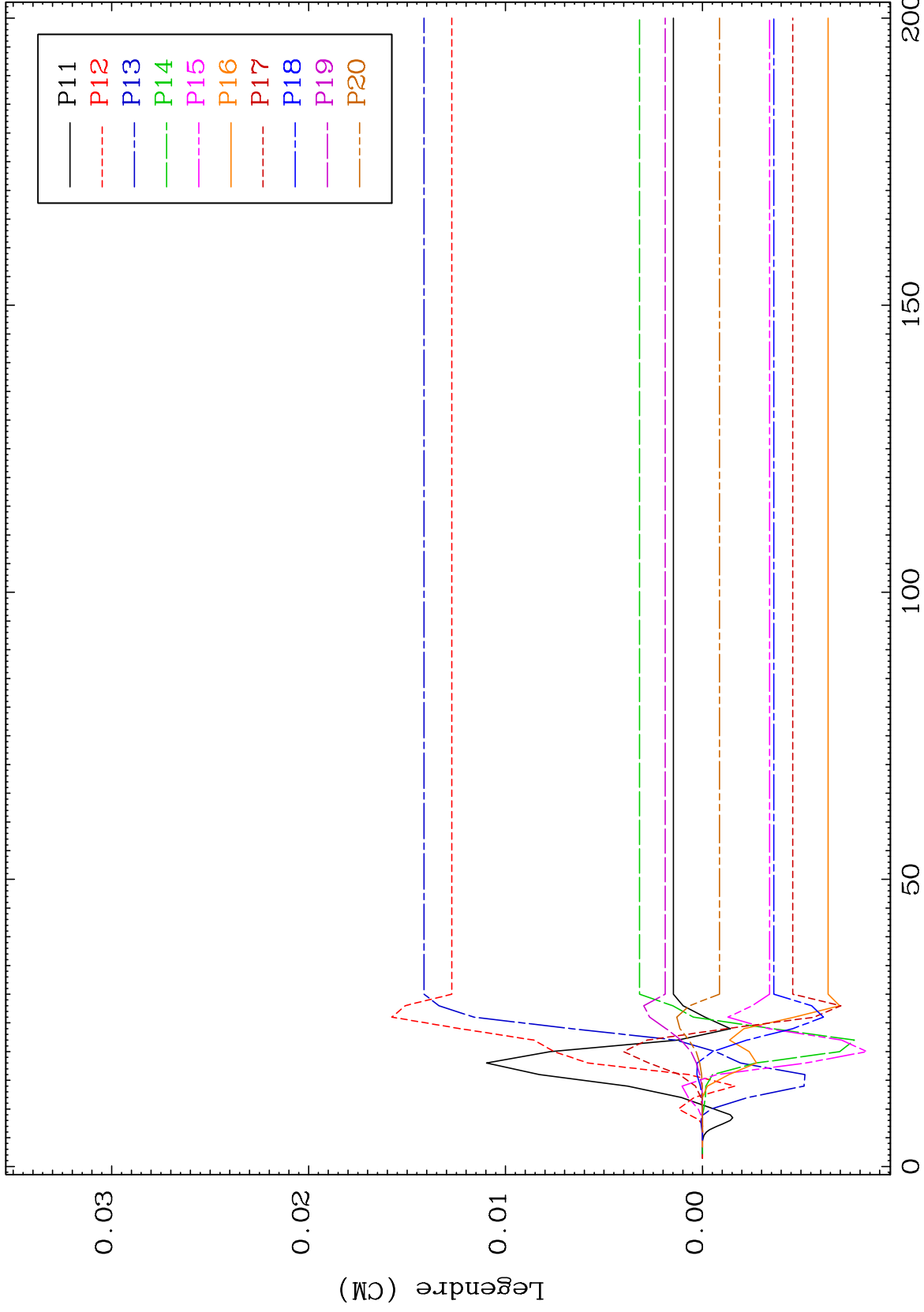




MAT 7452

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

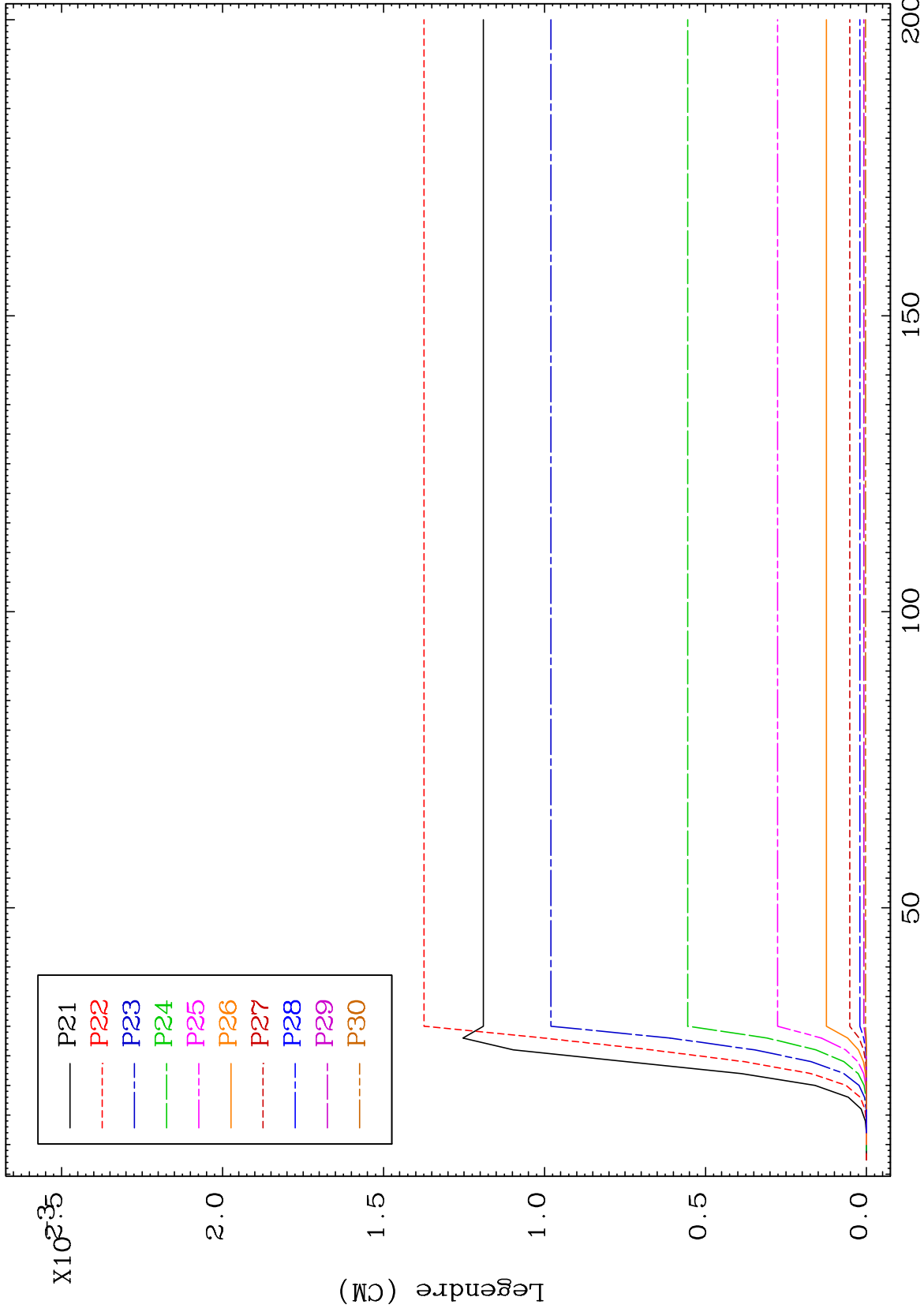
74-W -189



118

Incident Energy (MeV)

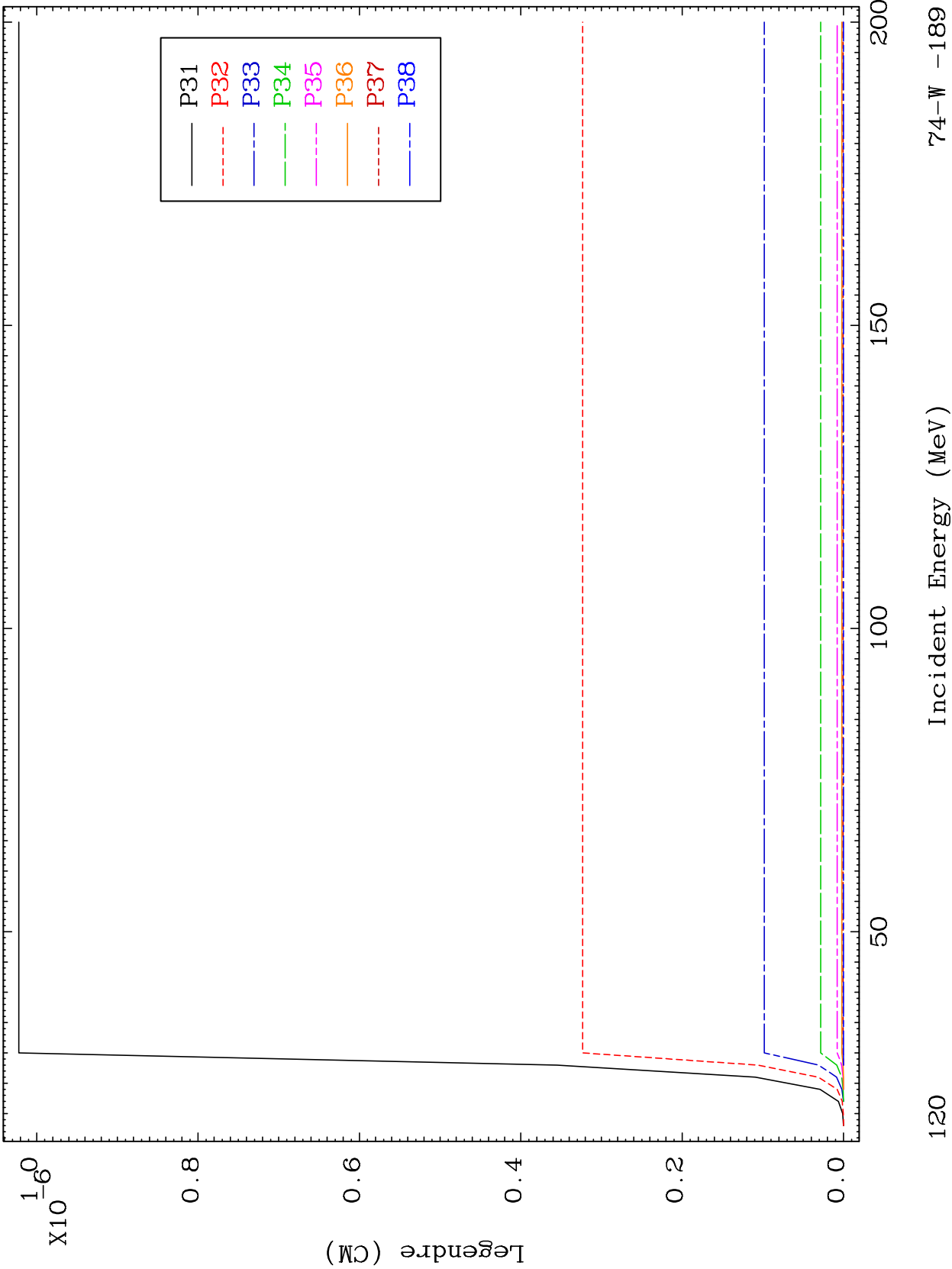
74-W -189



MAT 7452

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

74-W -189



120

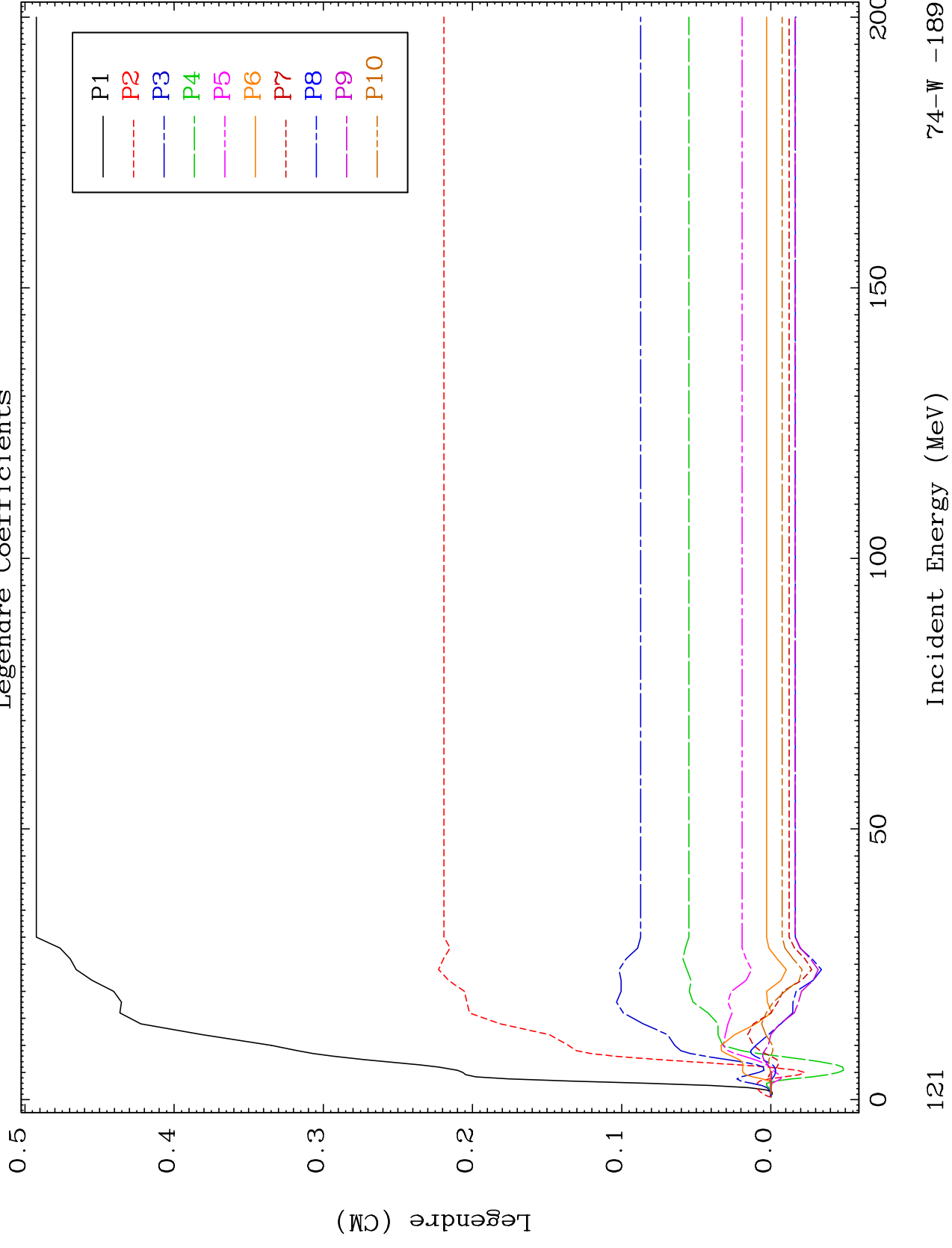
Incident Energy (MeV)

74-W -189

MAT 7452

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

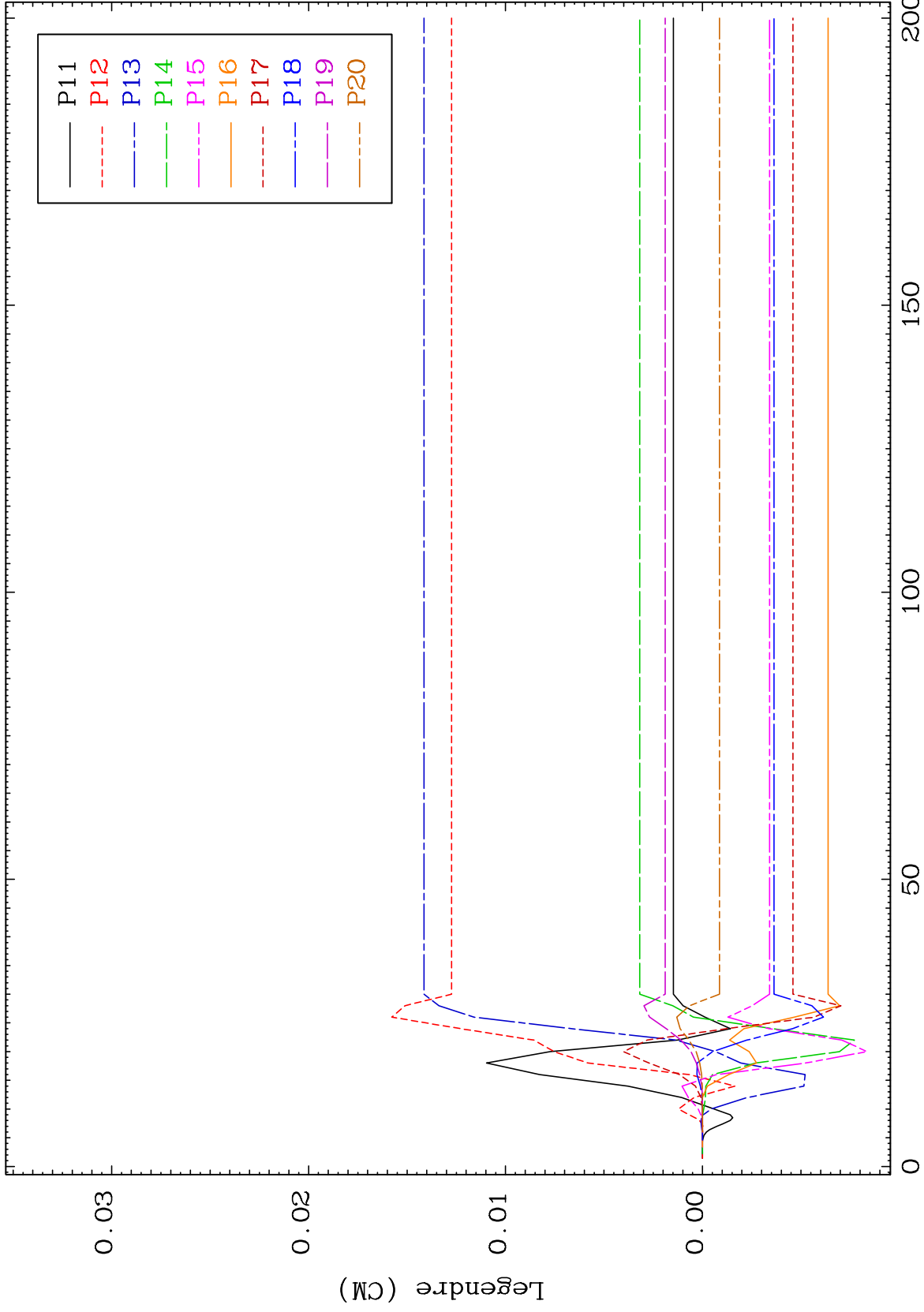
74-W -189



MAT 7452

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

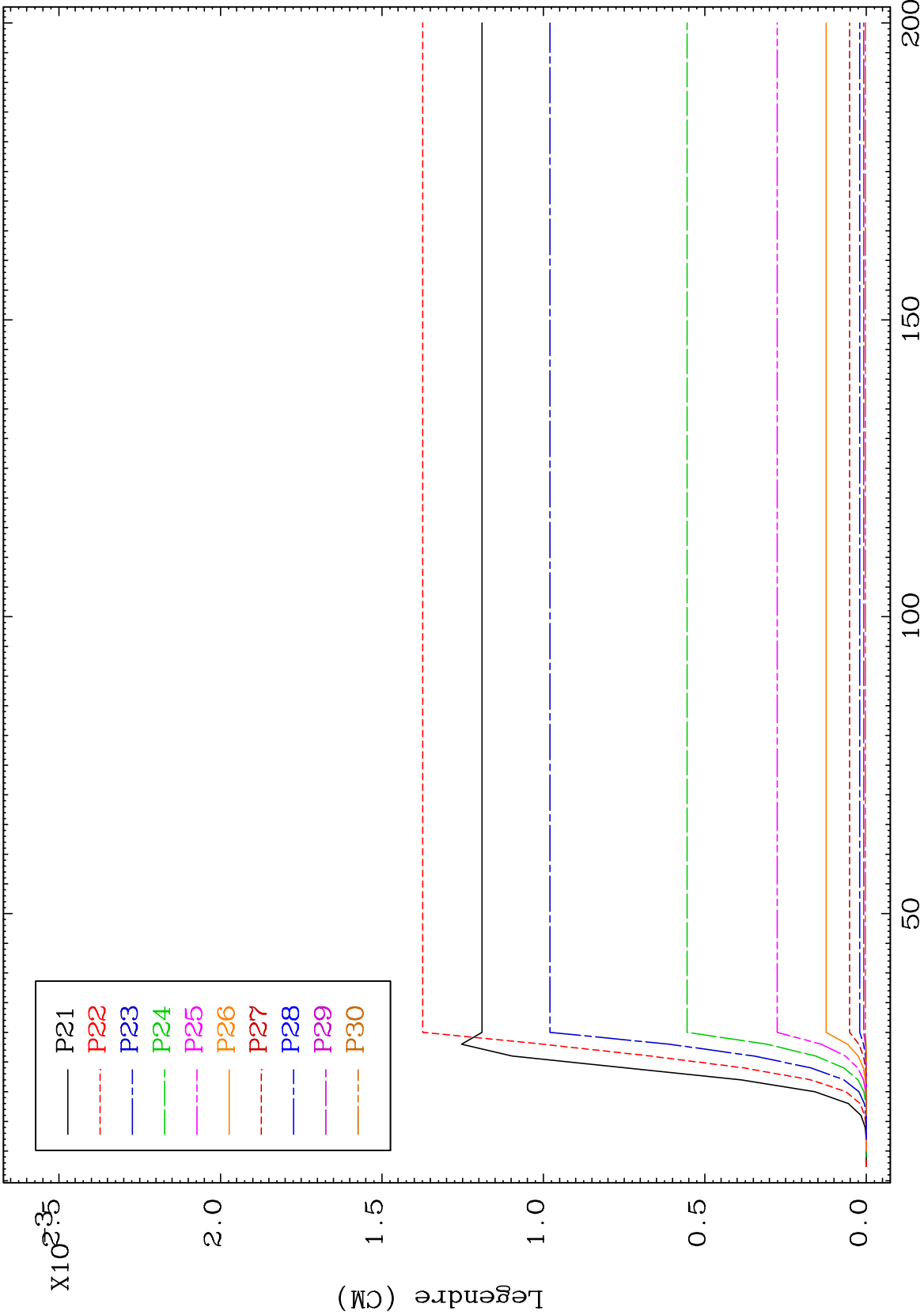
74-W -189



122

Incident Energy (MeV)

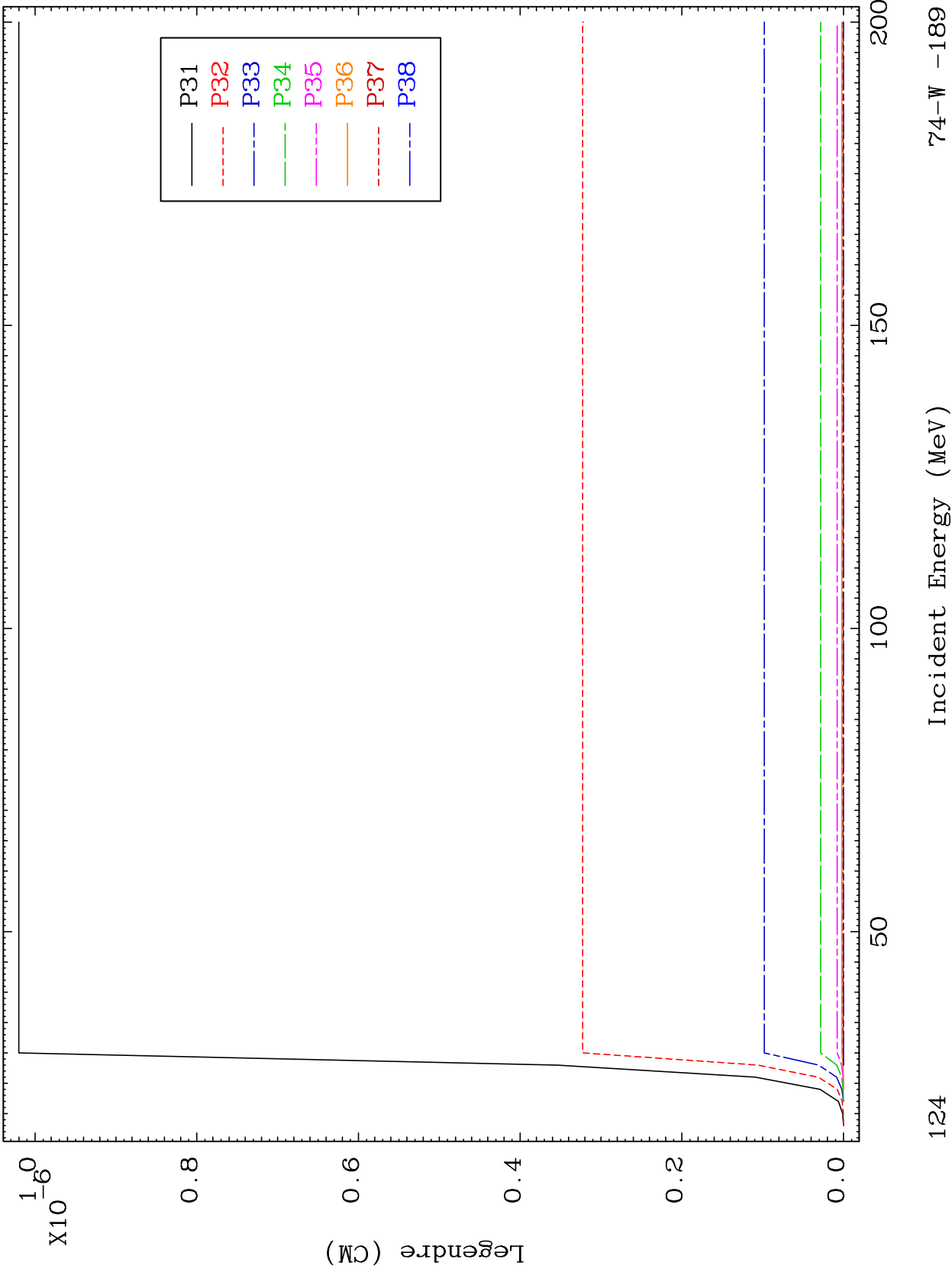
74-W -189



MAT 7452

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

74-W -189



124

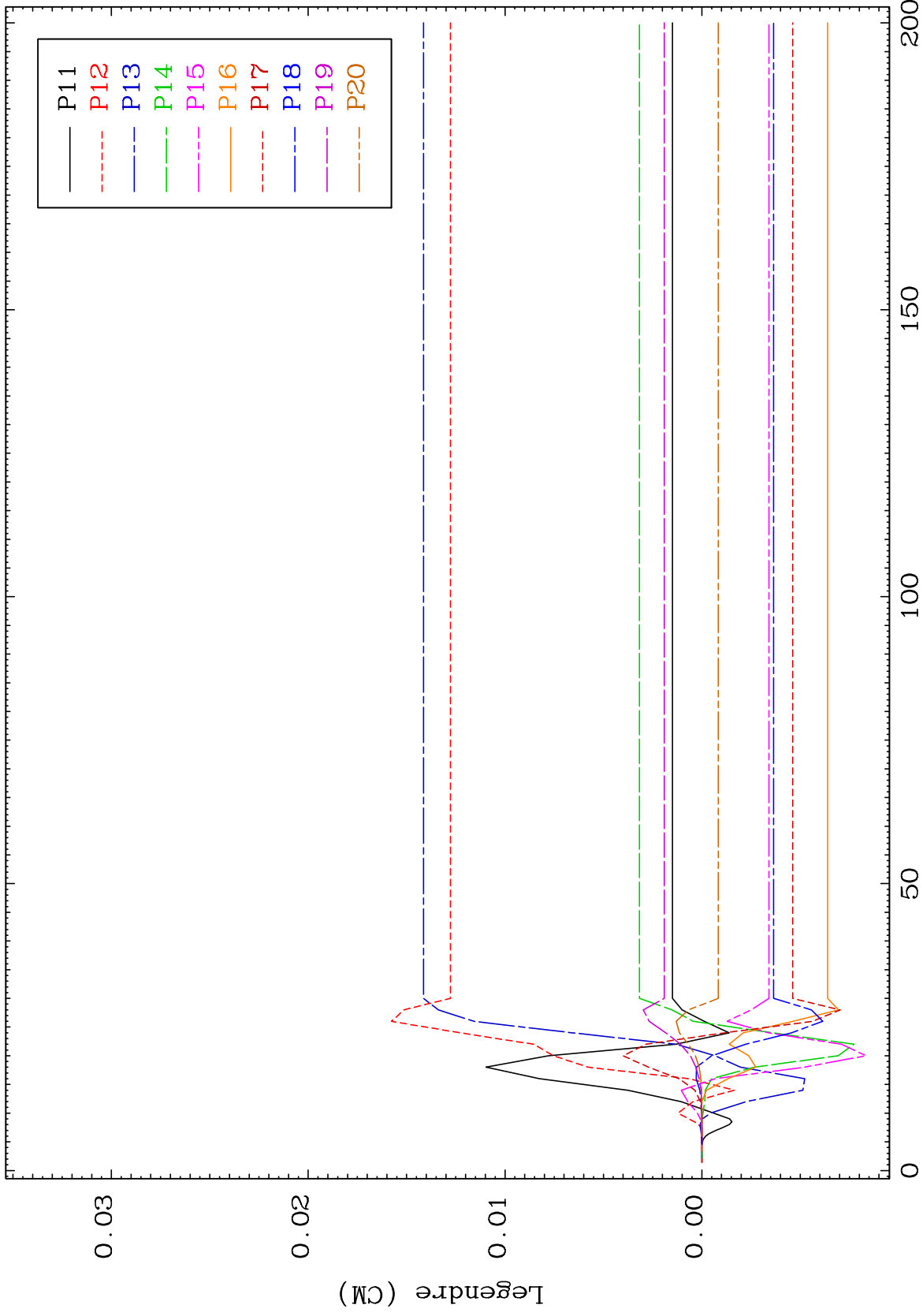
Incident Energy (MeV)

74-W -189

MAT 7452

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

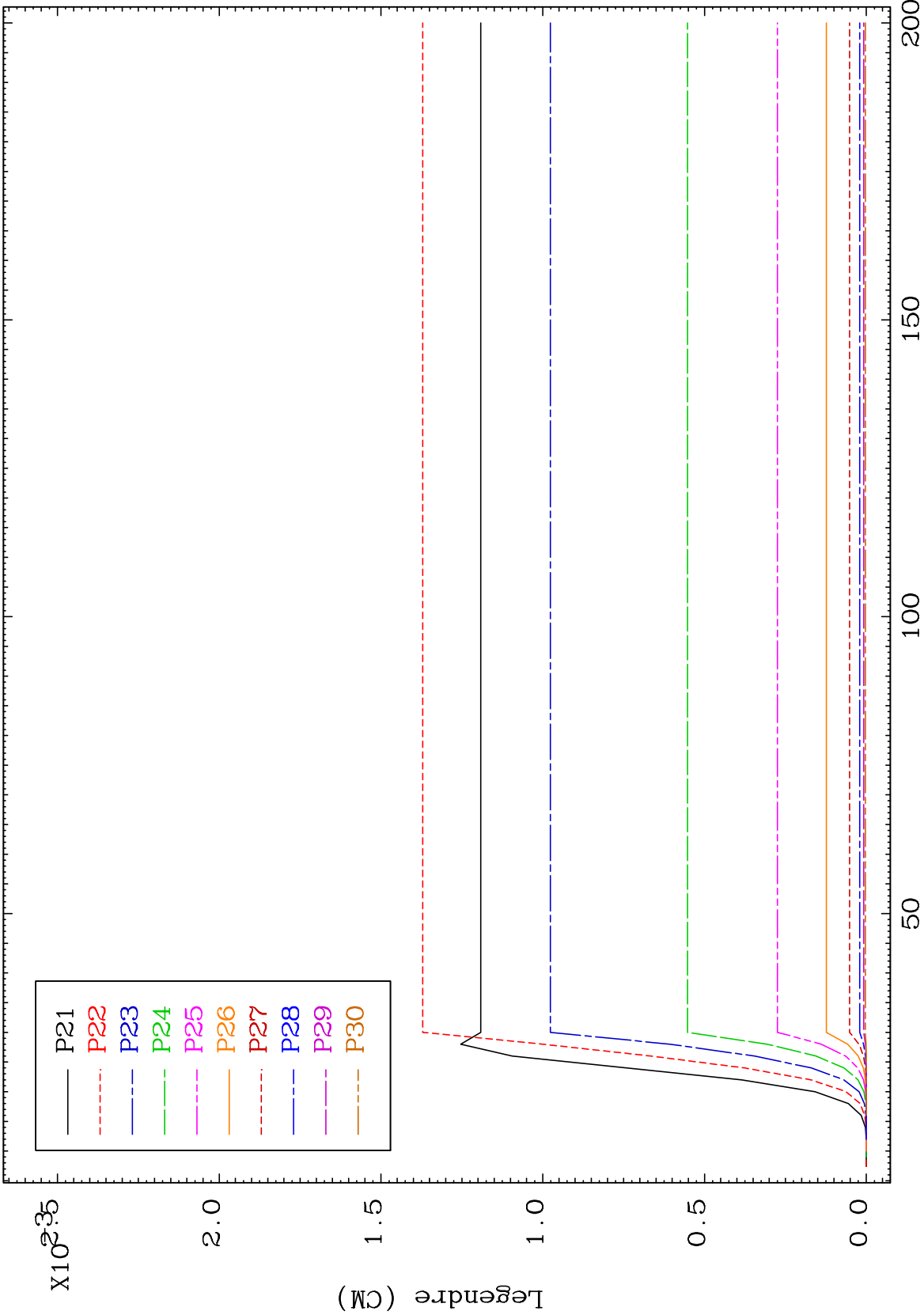
74-W -189

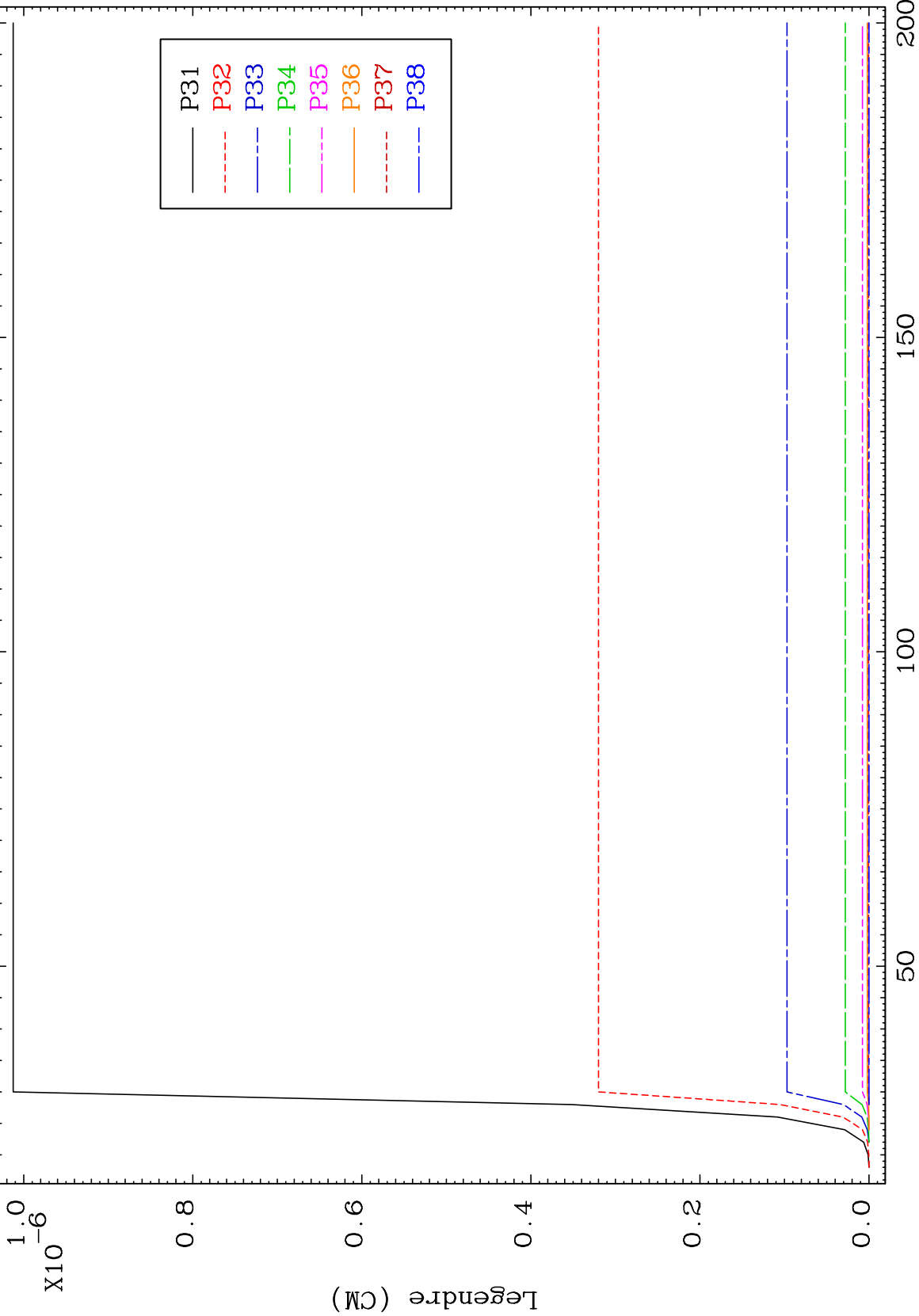


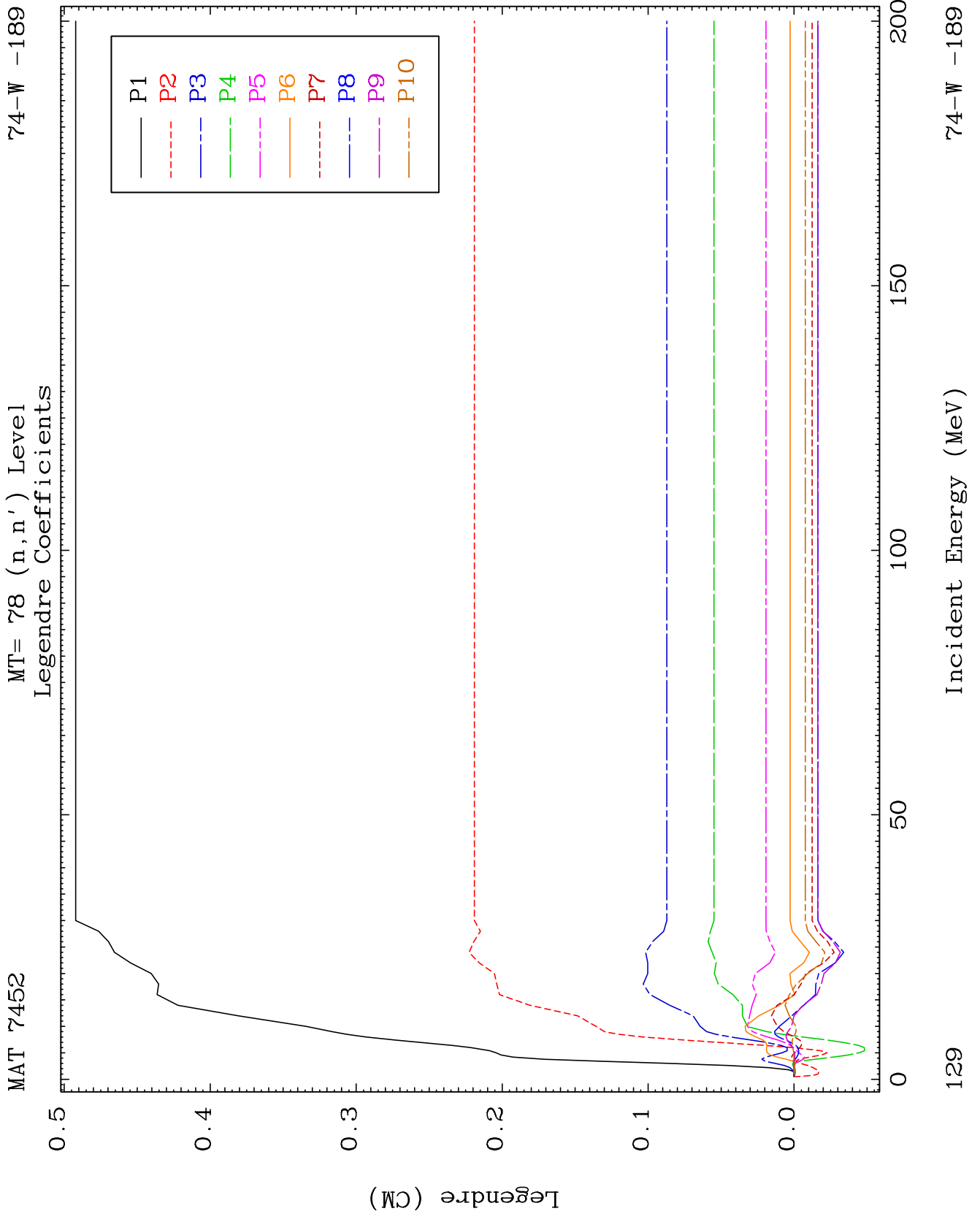
126

Incident Energy (MeV)

74-W -189



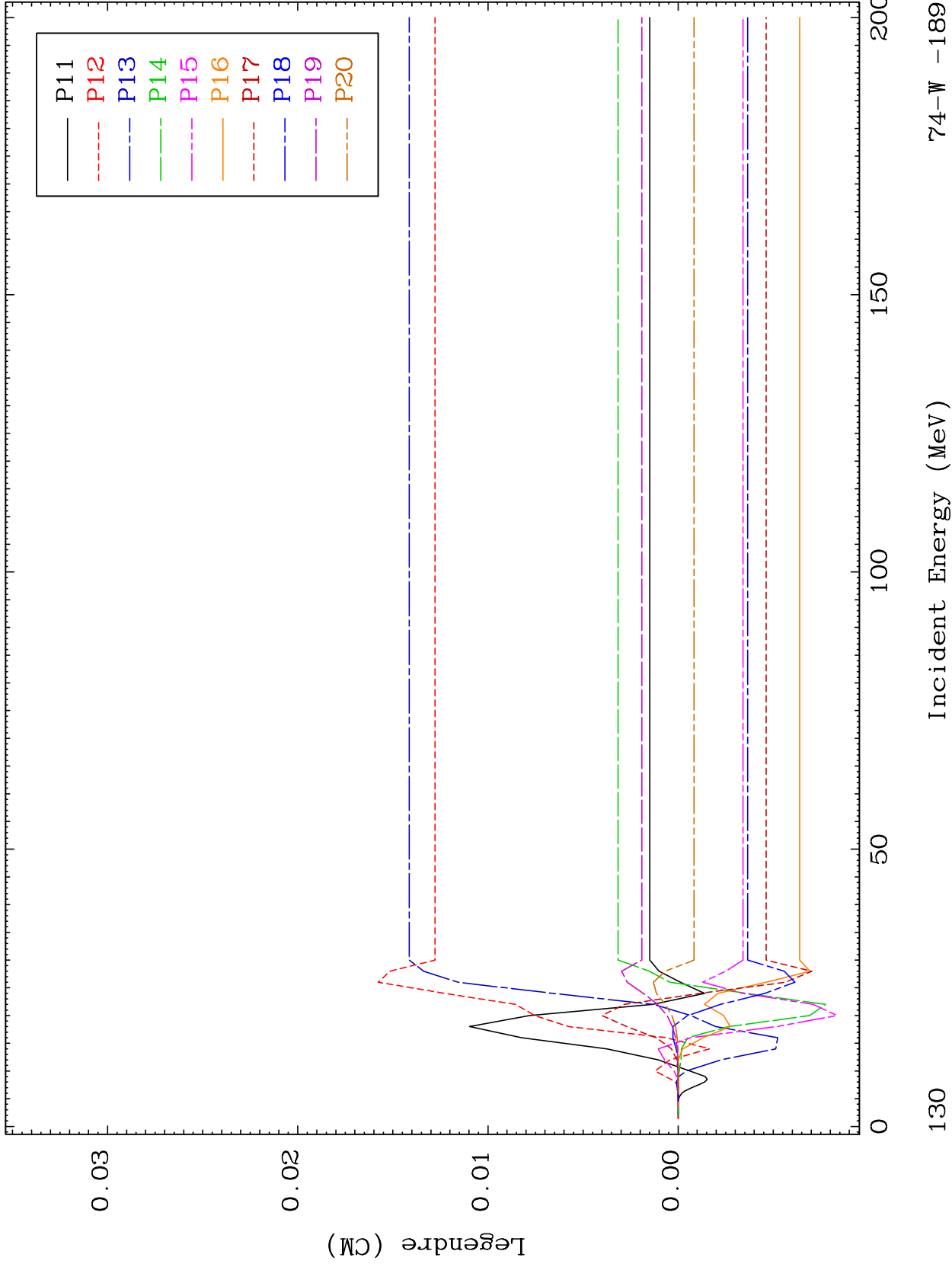




MAT 7452

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

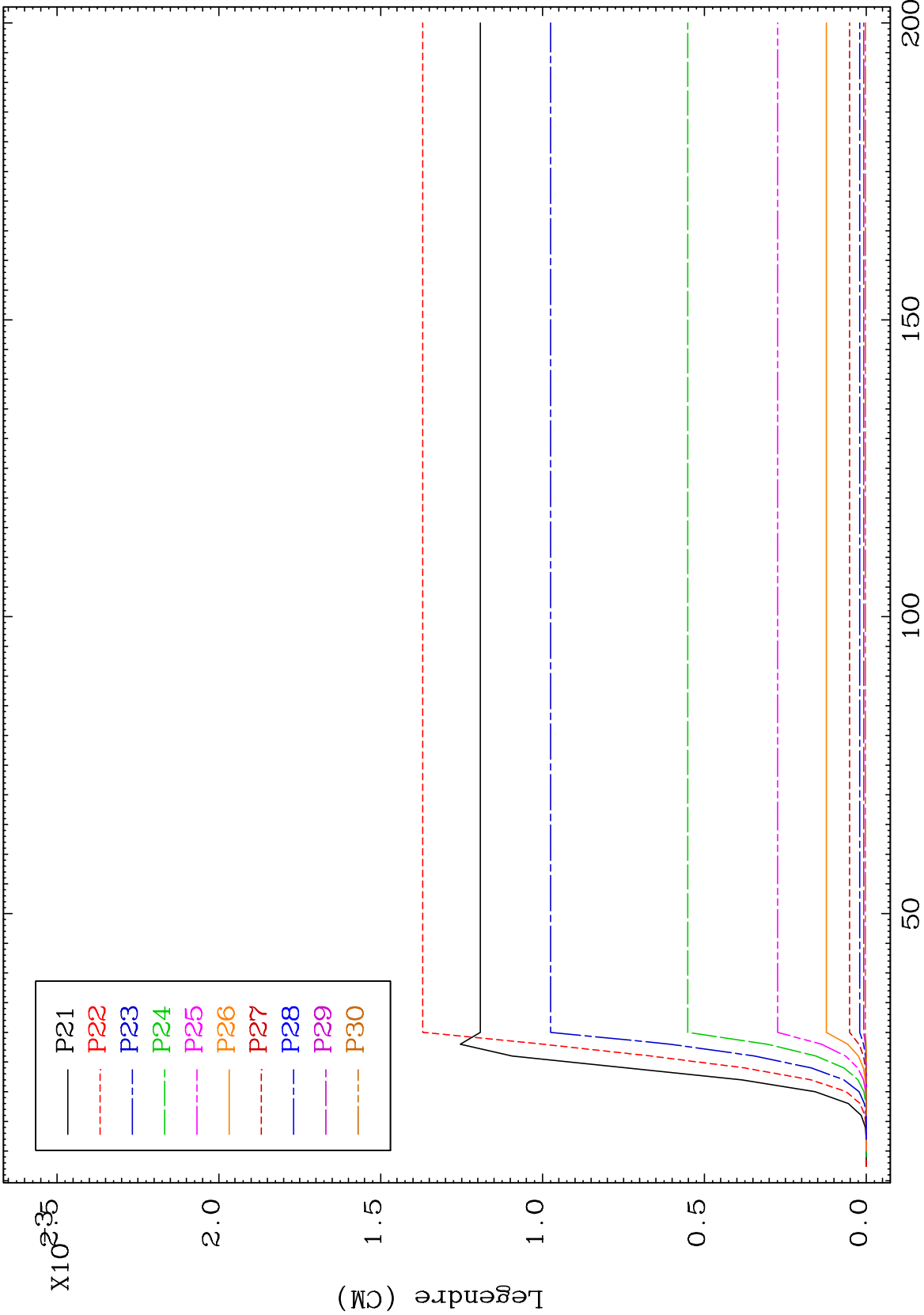
74-W -189

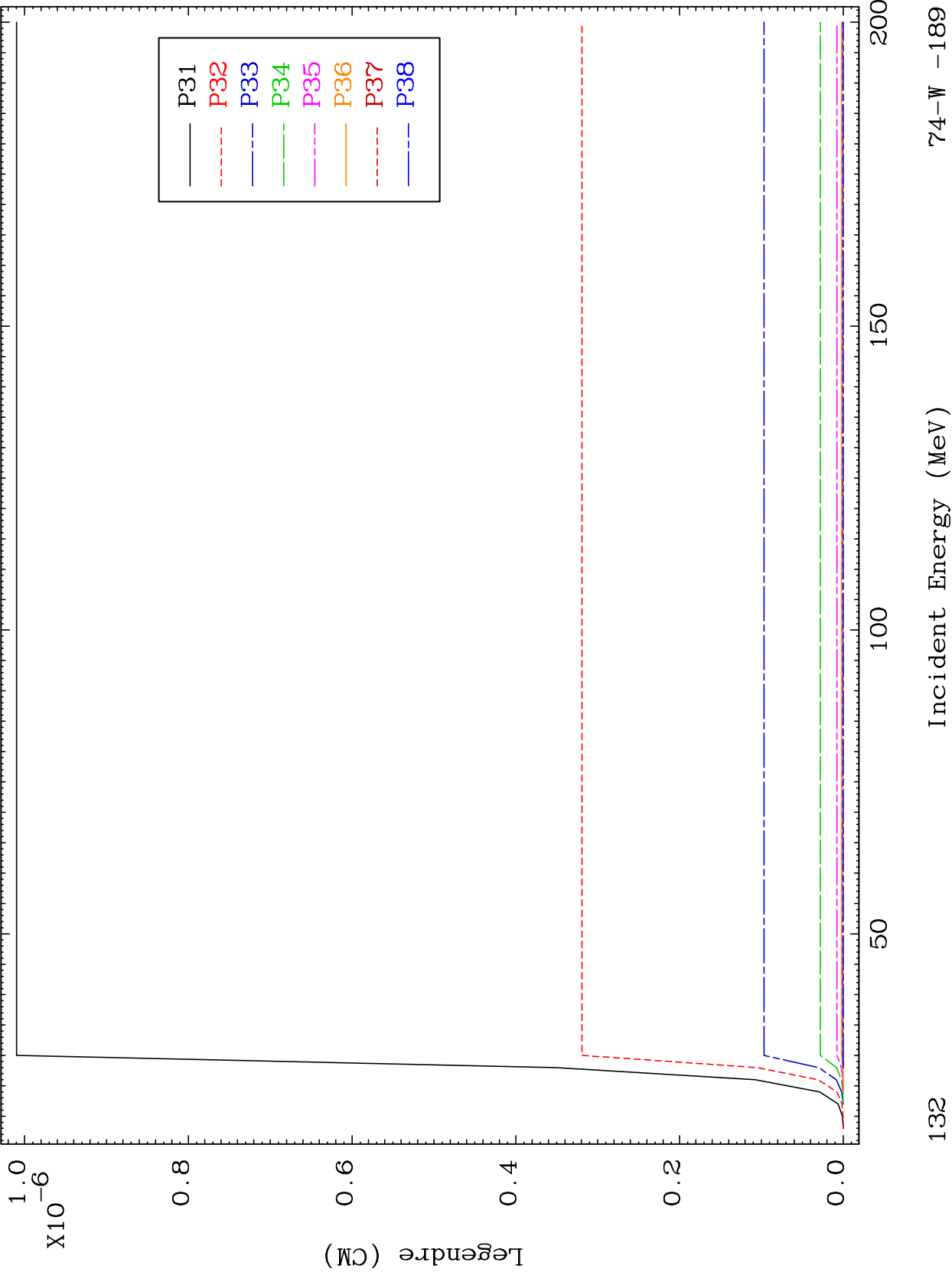


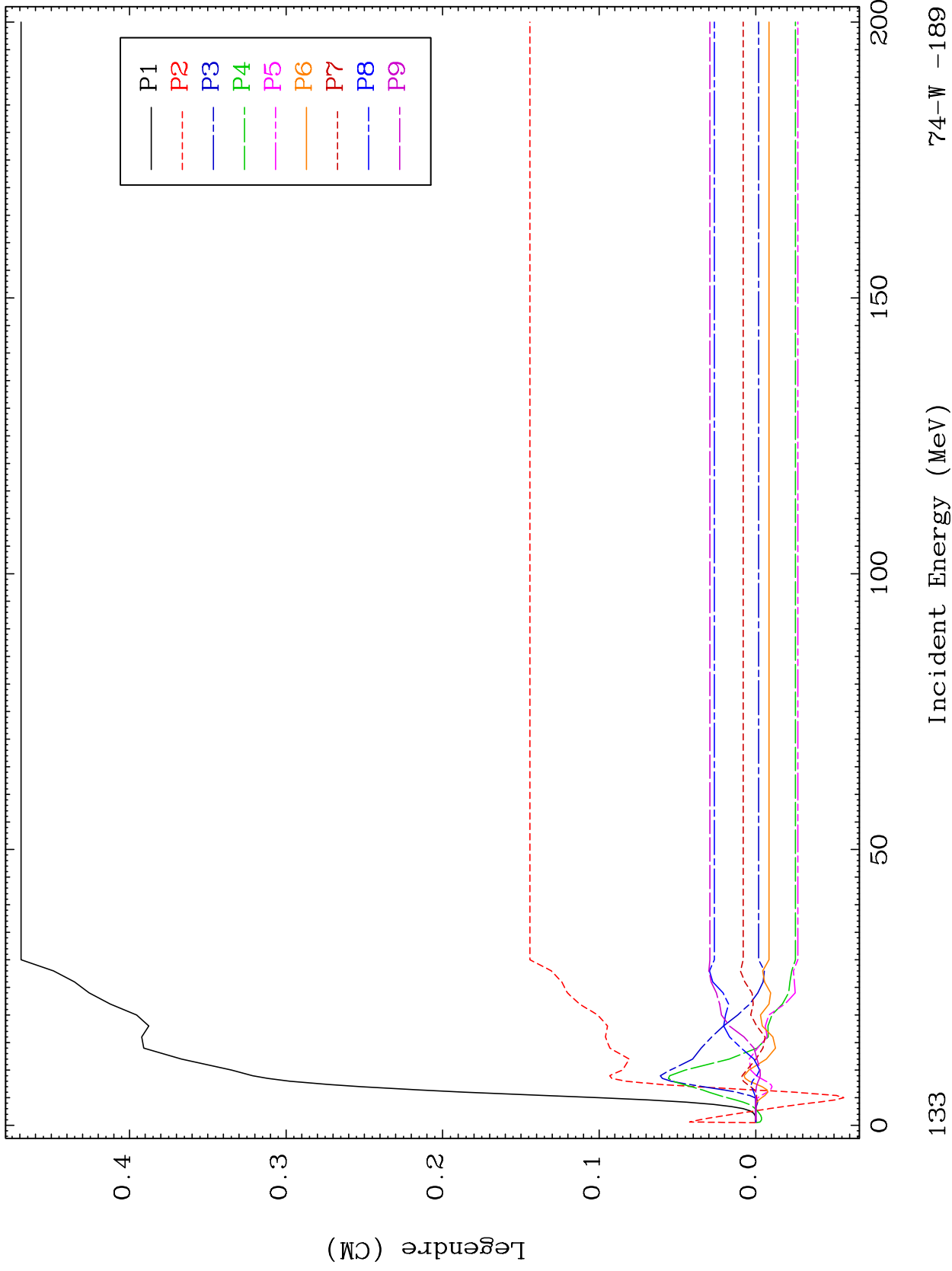
74-W -189

Incident Energy (MeV)

130



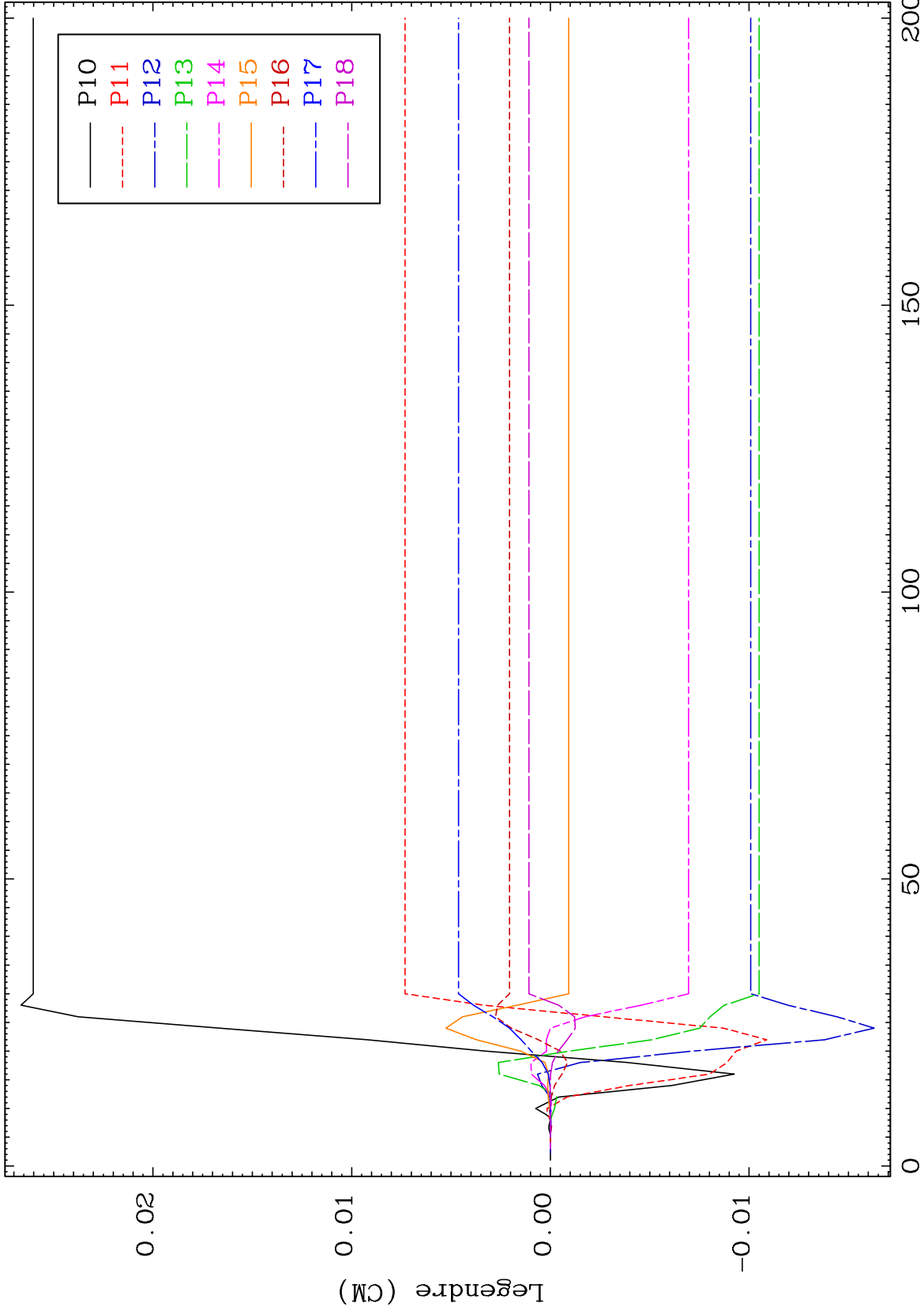




MAT 7452

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

74-W -189



134

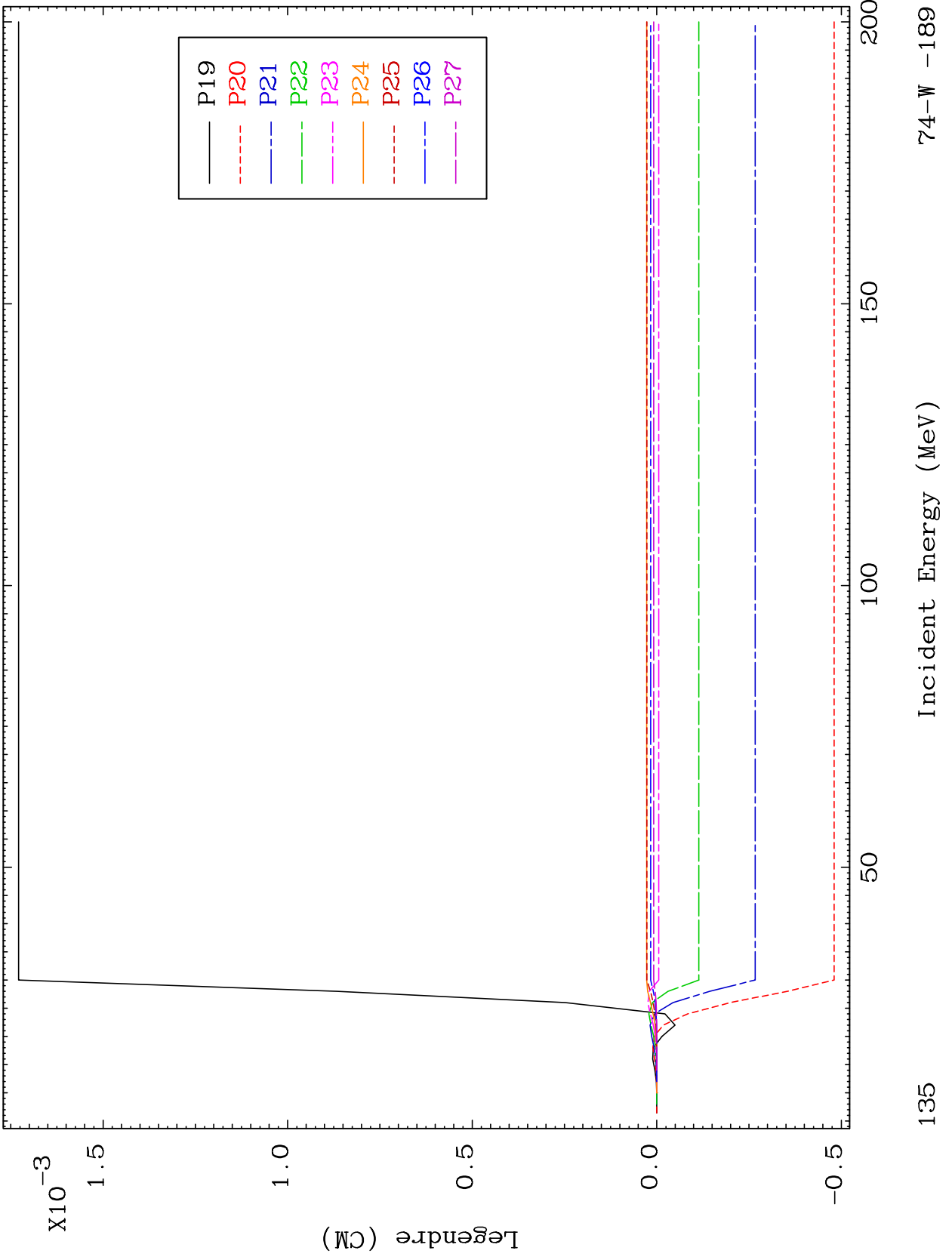
Incident Energy (MeV)

74-W -189

MAT 7452

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

74-W -189



135

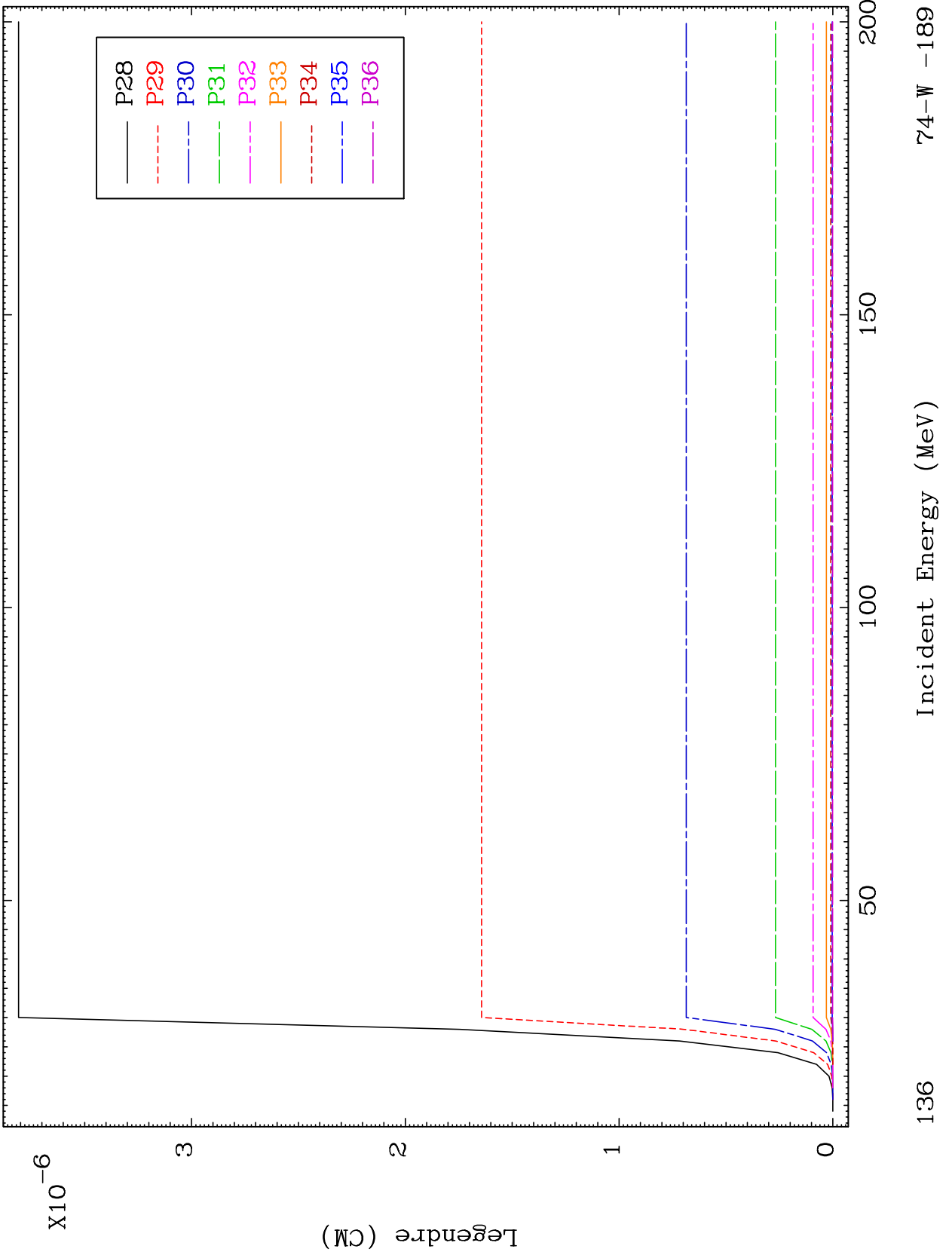
Incident Energy (MeV)

74-W -189

MAT 7452

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

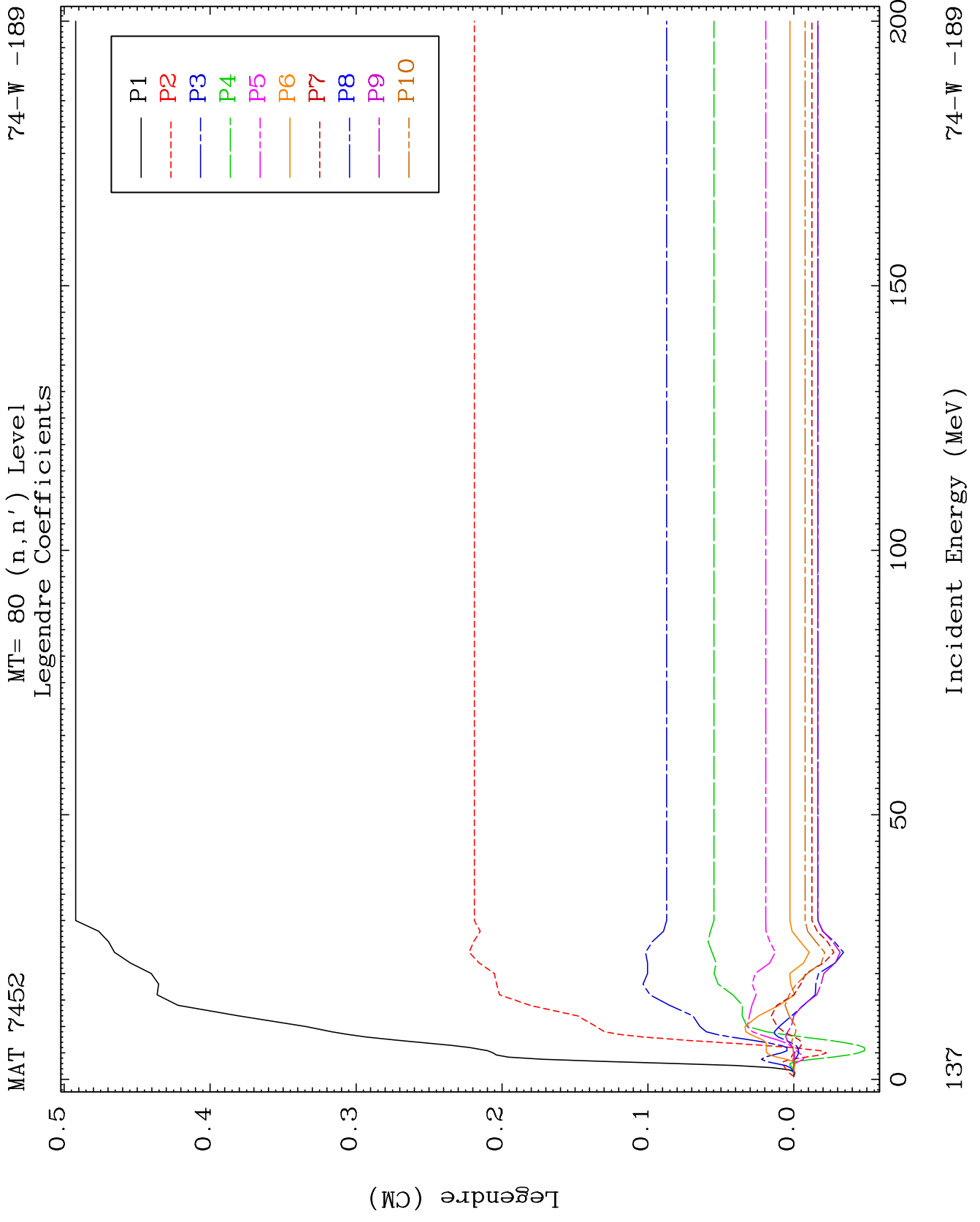
74-W -189



136

Incident Energy (MeV)

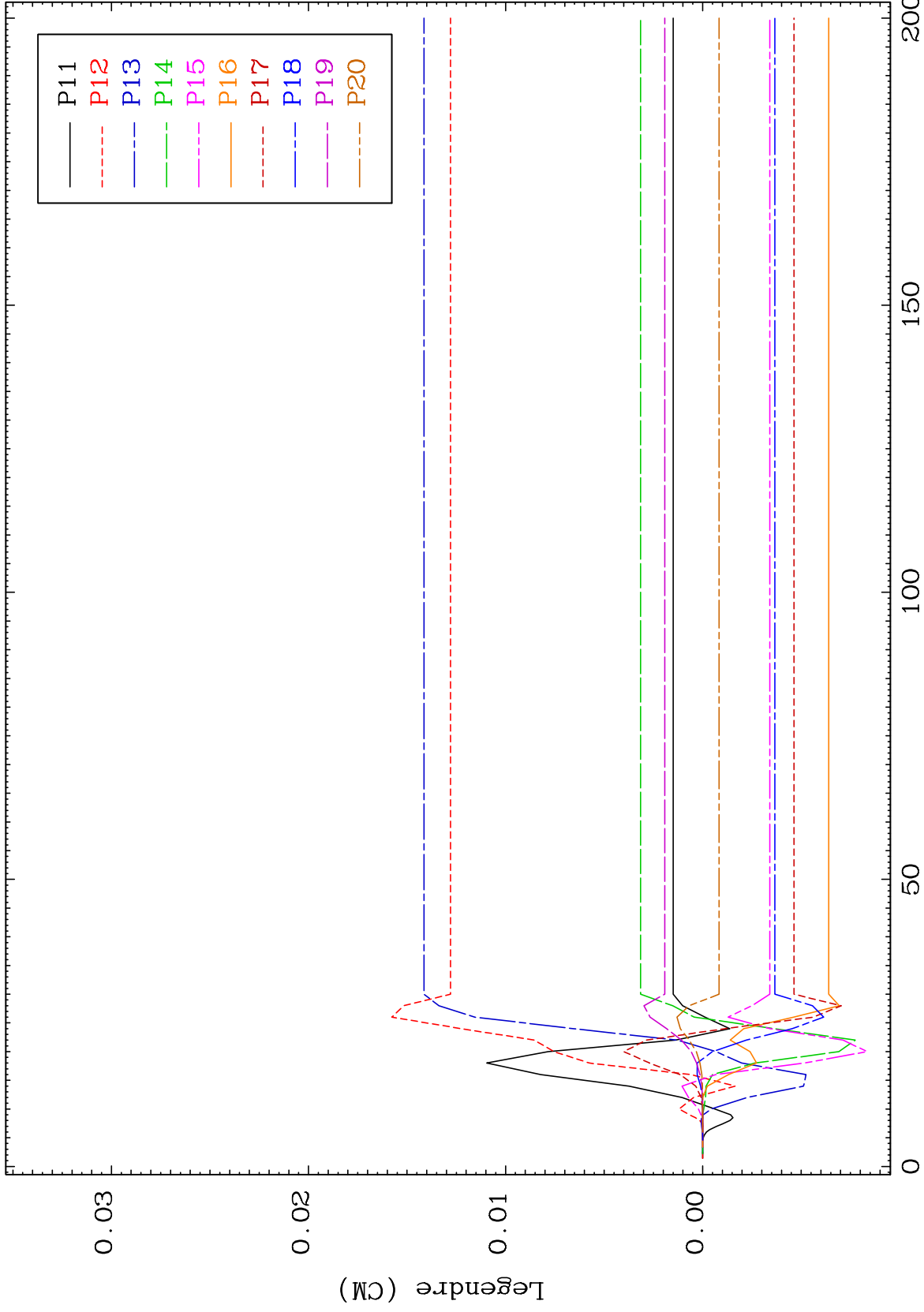
74-W -189



MAT 7452

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

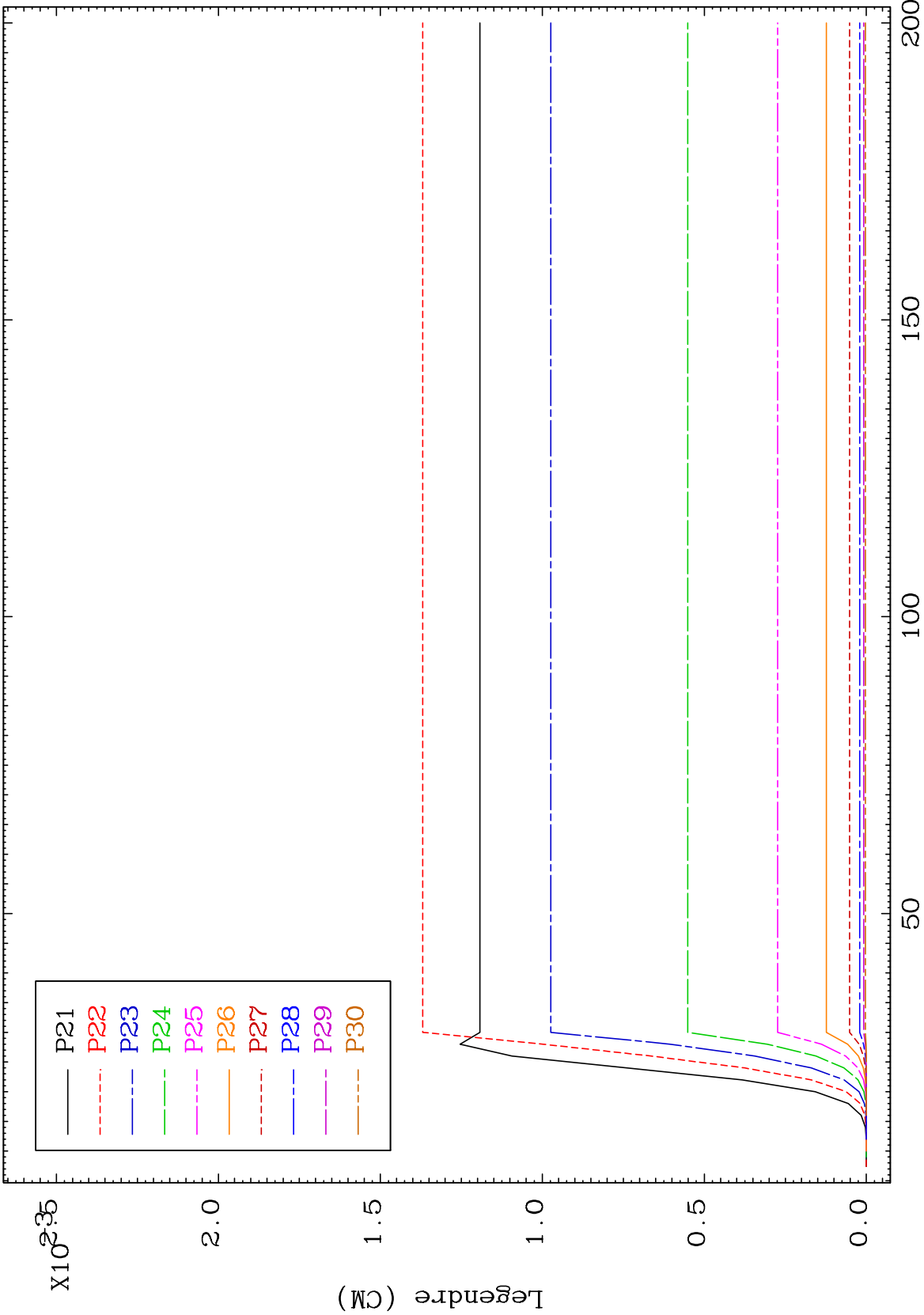
74-W -189



138

Incident Energy (MeV)

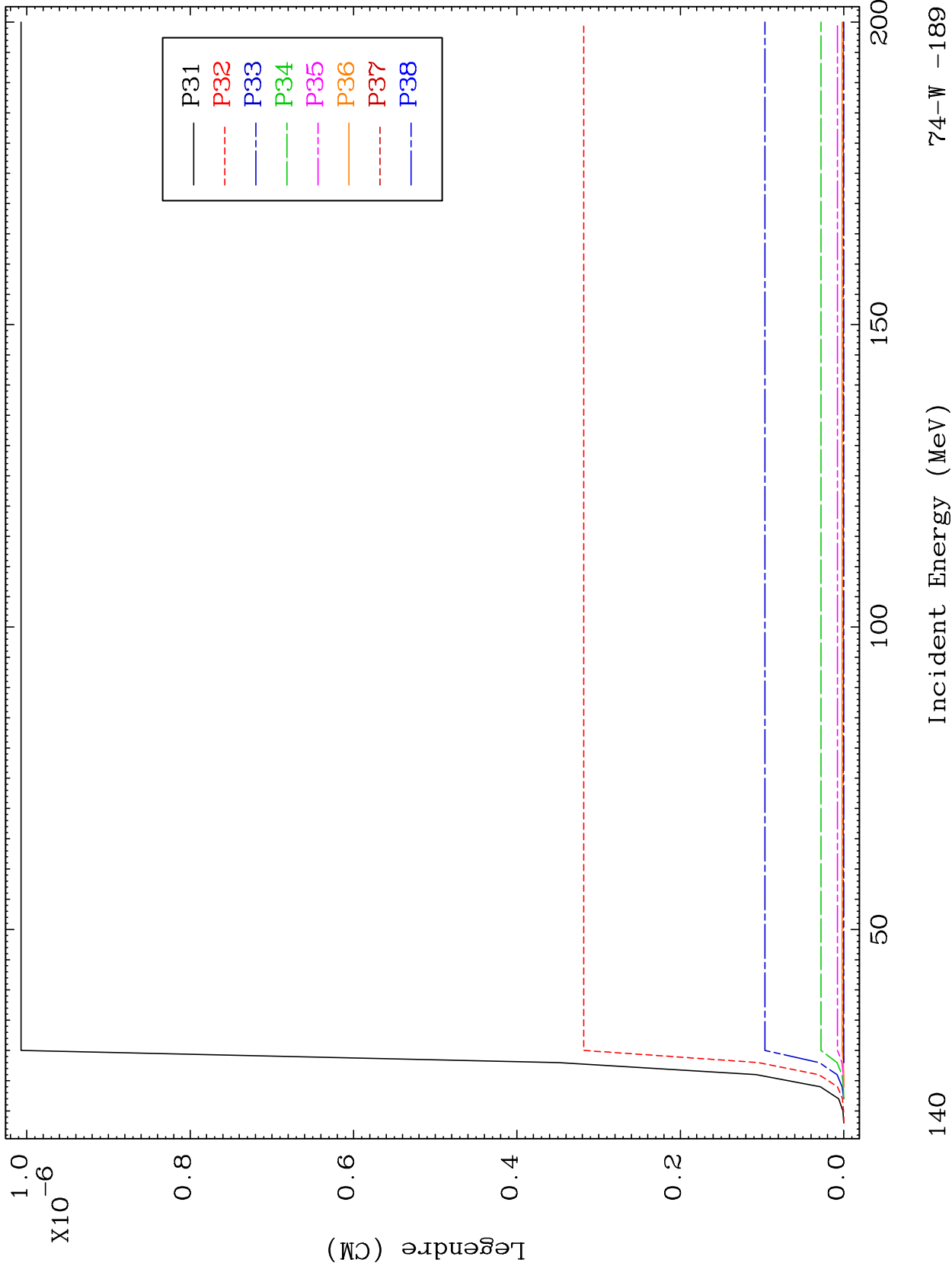
74-W -189



MAT 7452

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

74-W -189



74-W -189

Incident Energy (MeV)

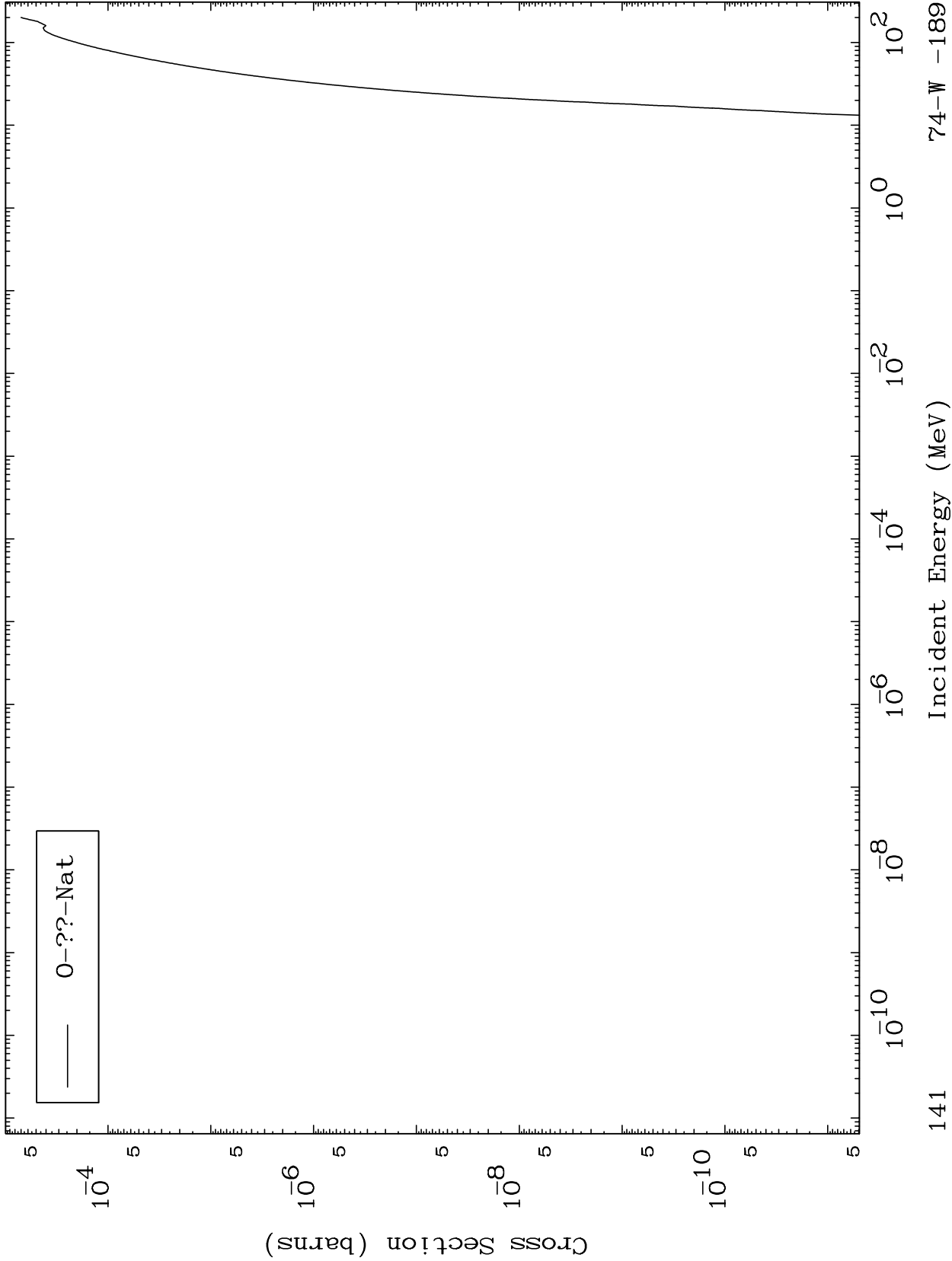
140

MAT 7452

Fission

74-W -189

Radionuclide Production Cross Section



141

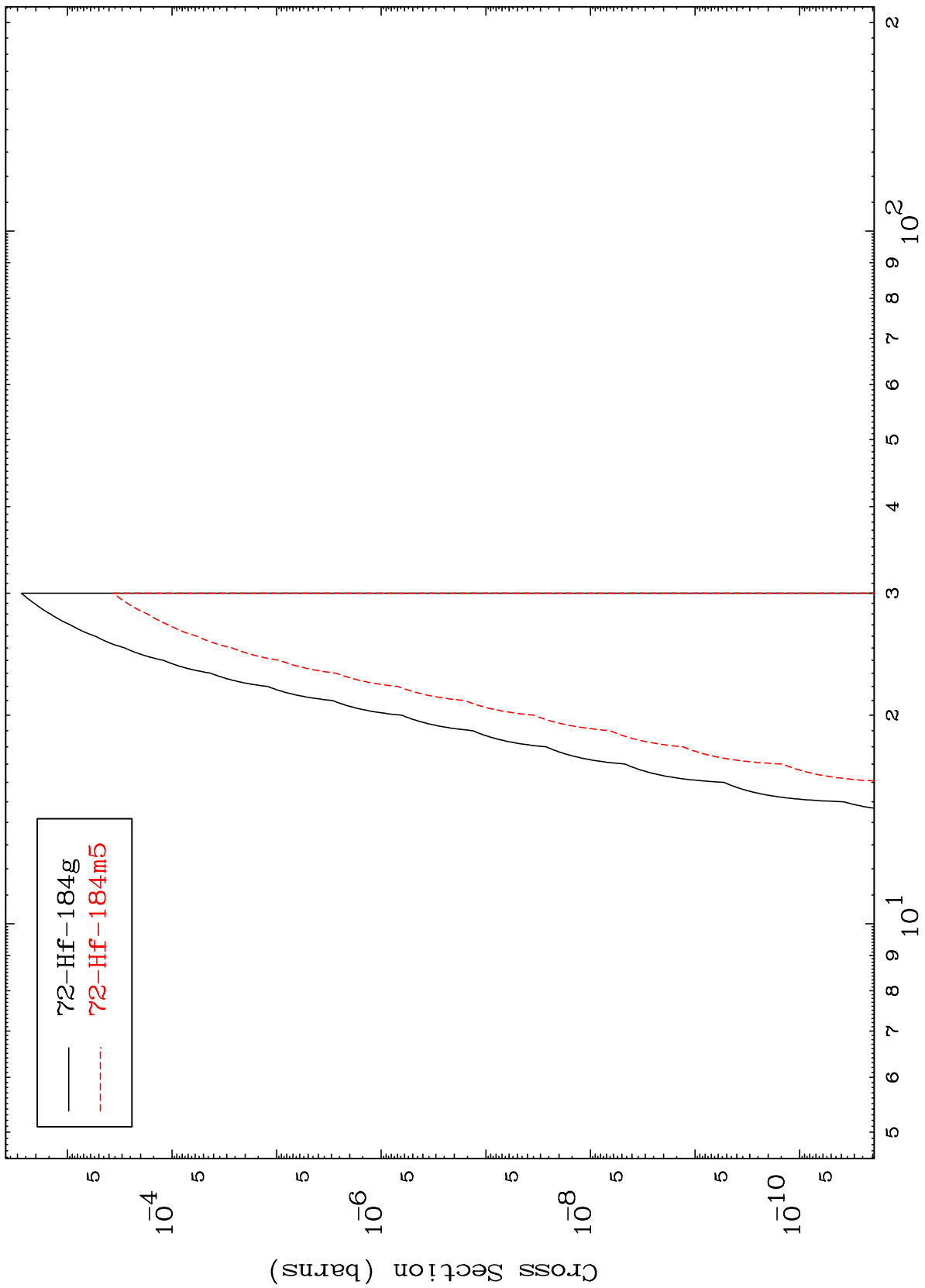
74-W -189

MAT 7452

(n,2n) α

74-W -189

Radionuclide Production Cross Section



72-Hf-184g
72-Hf-184m5

142

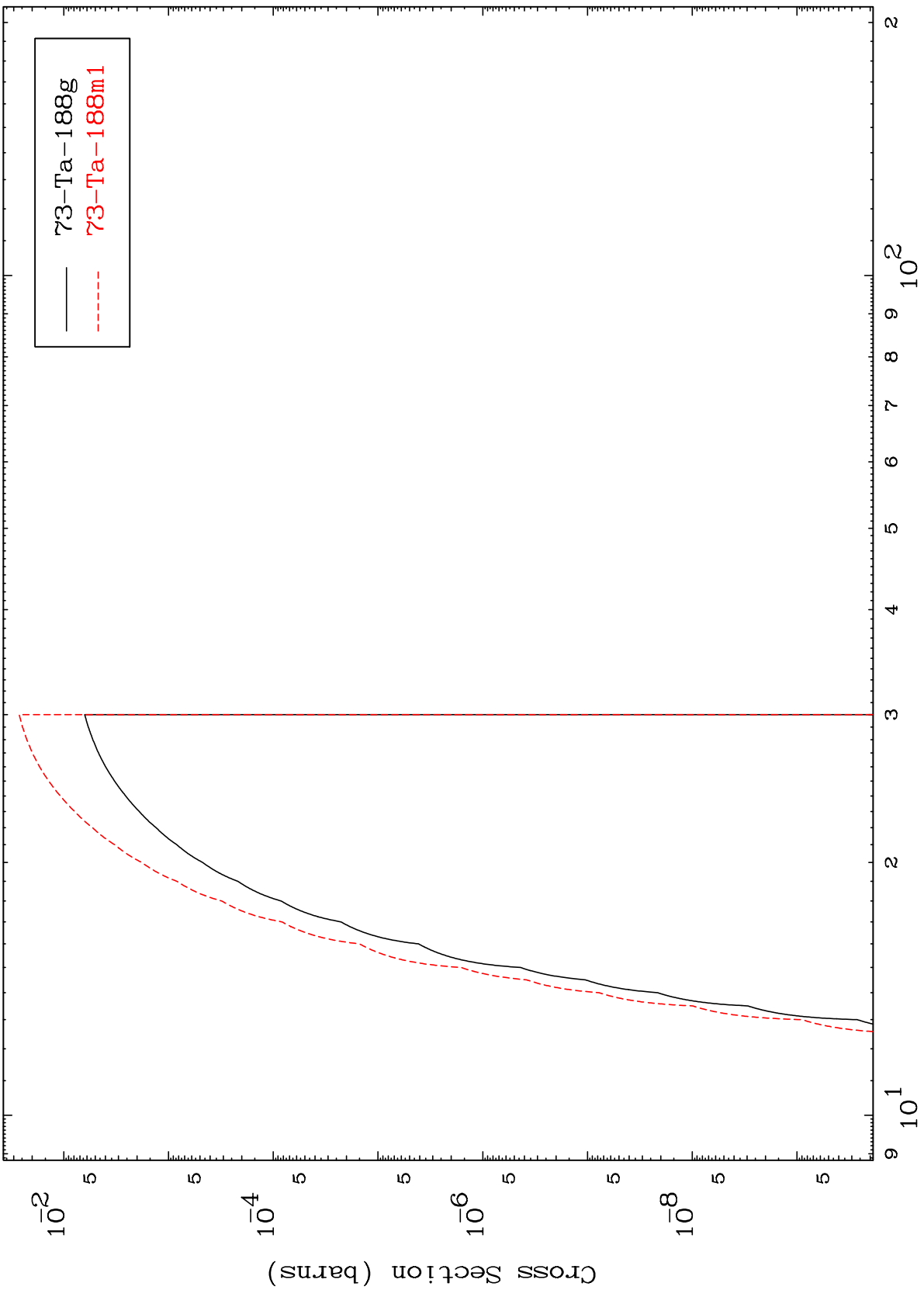
Incident Energy (MeV)

74-W -189

MAT 7452

74-W -189

(n, n') p
Radionuclide Production Cross Section



— $^{73}\text{Ta-188g}$
- - - $^{73}\text{Ta-188m1}$

74-W -189

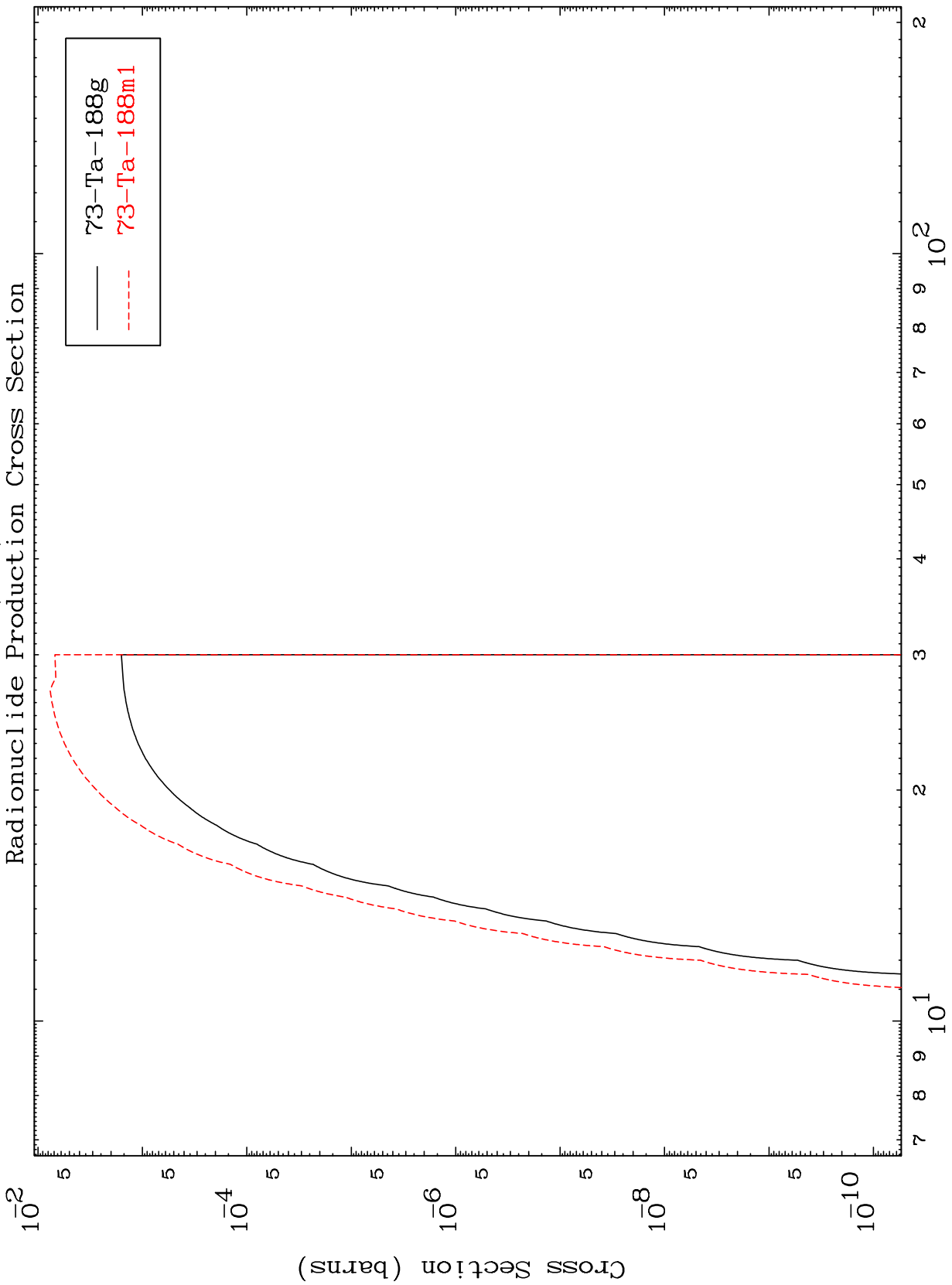
Incident Energy (MeV)

143

MAT 7452

74-W -189

(n,d)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

74-W -189