

Program EVALPLOT
(Version 2021-1)

by

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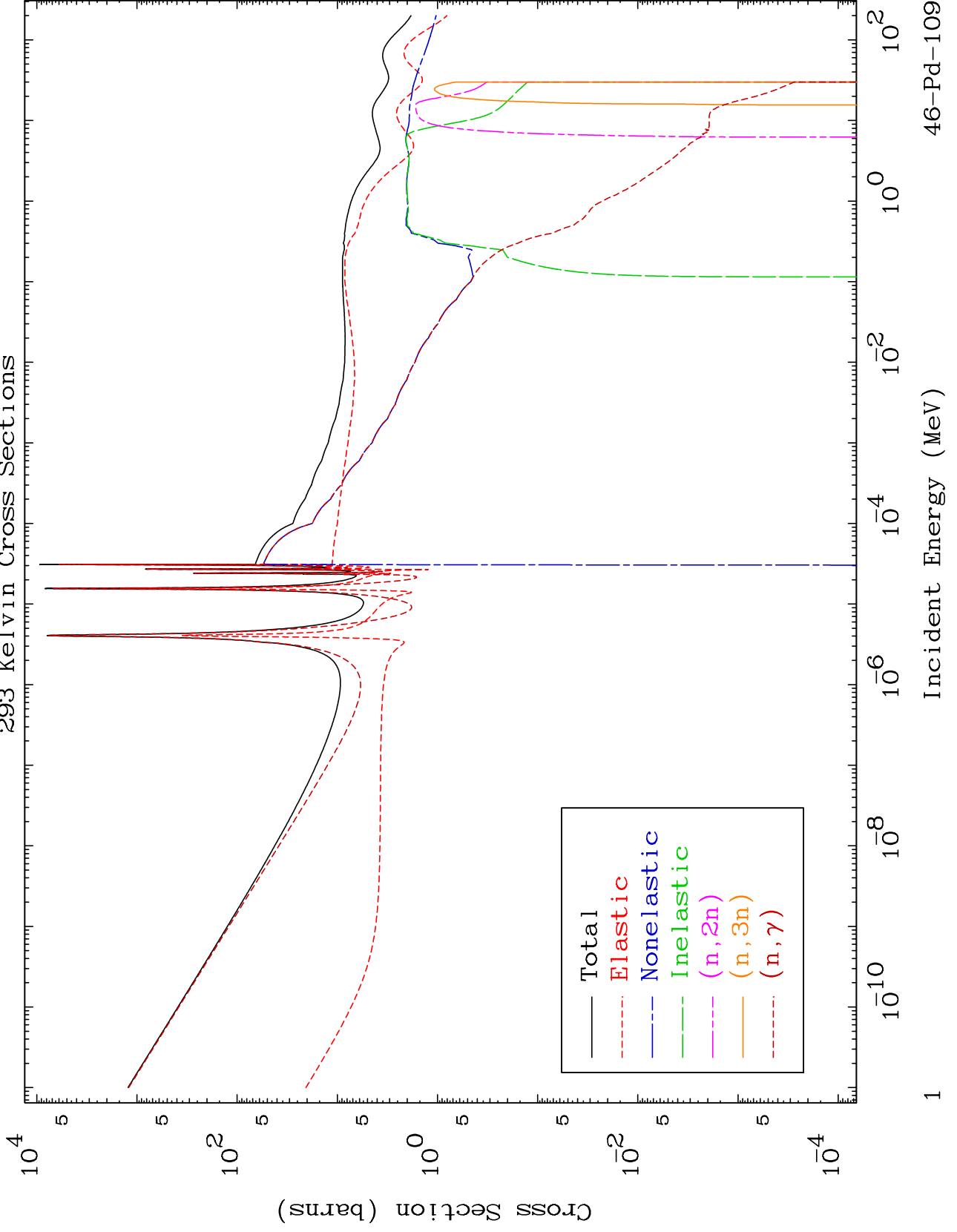
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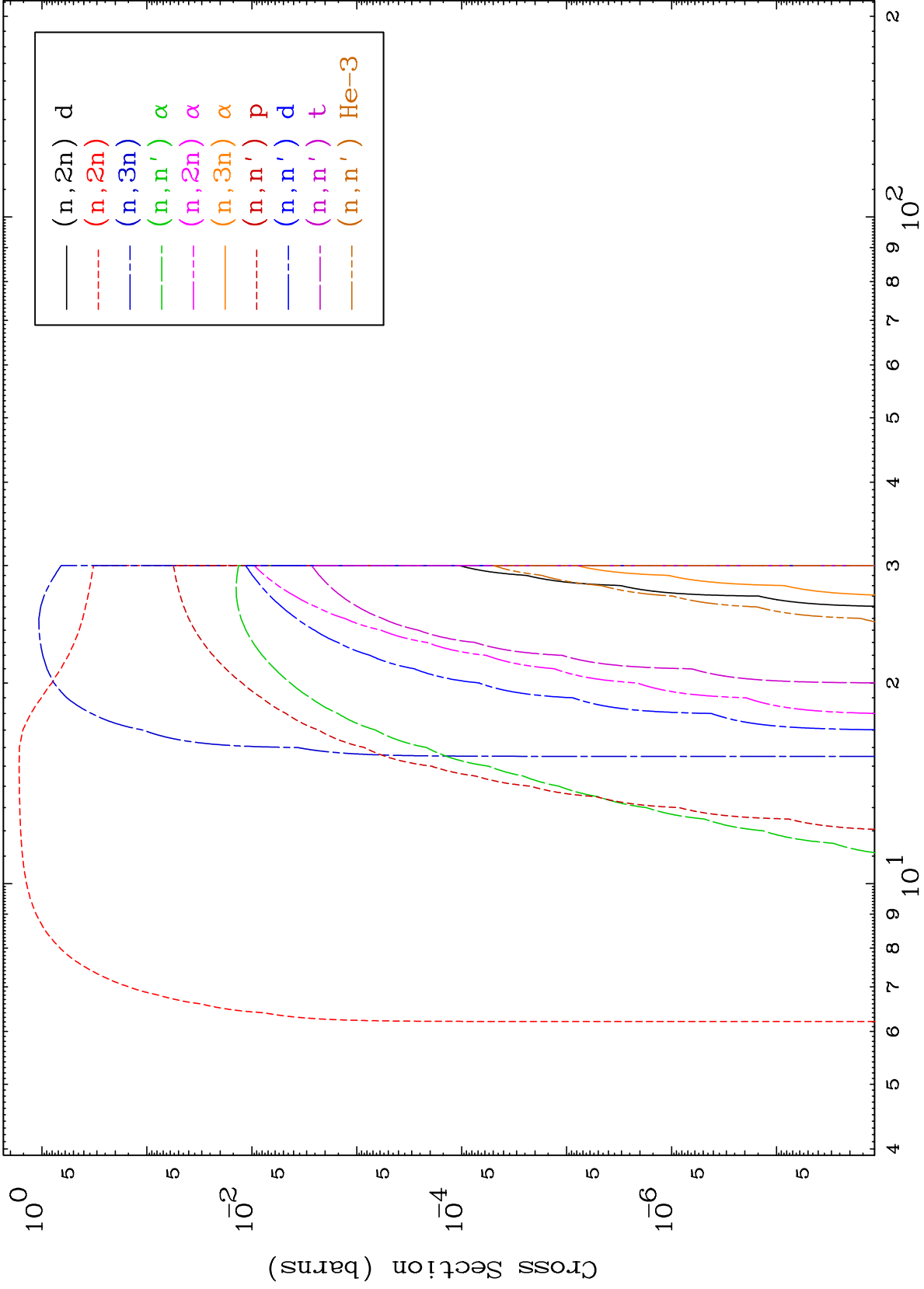
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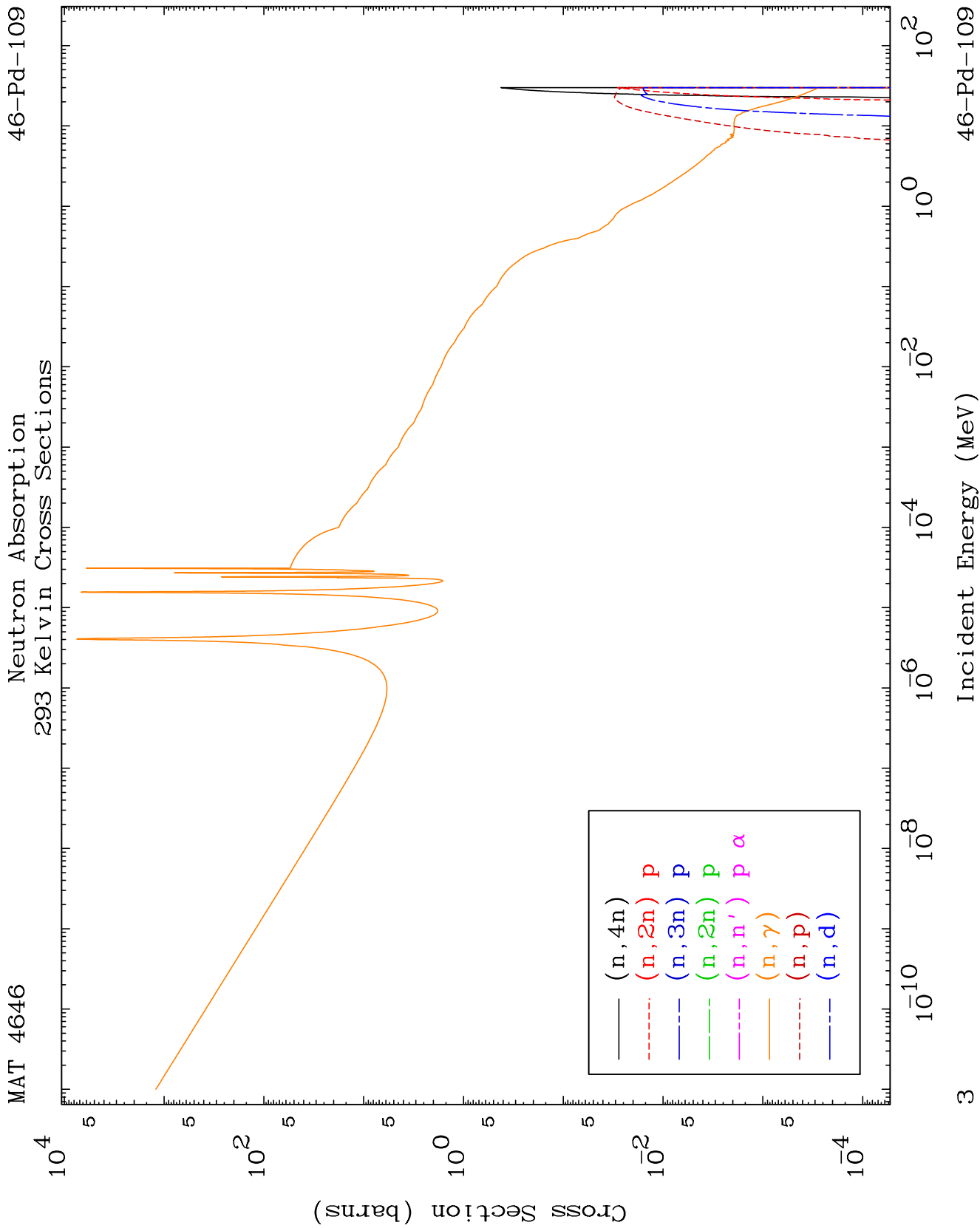
MAT 4646

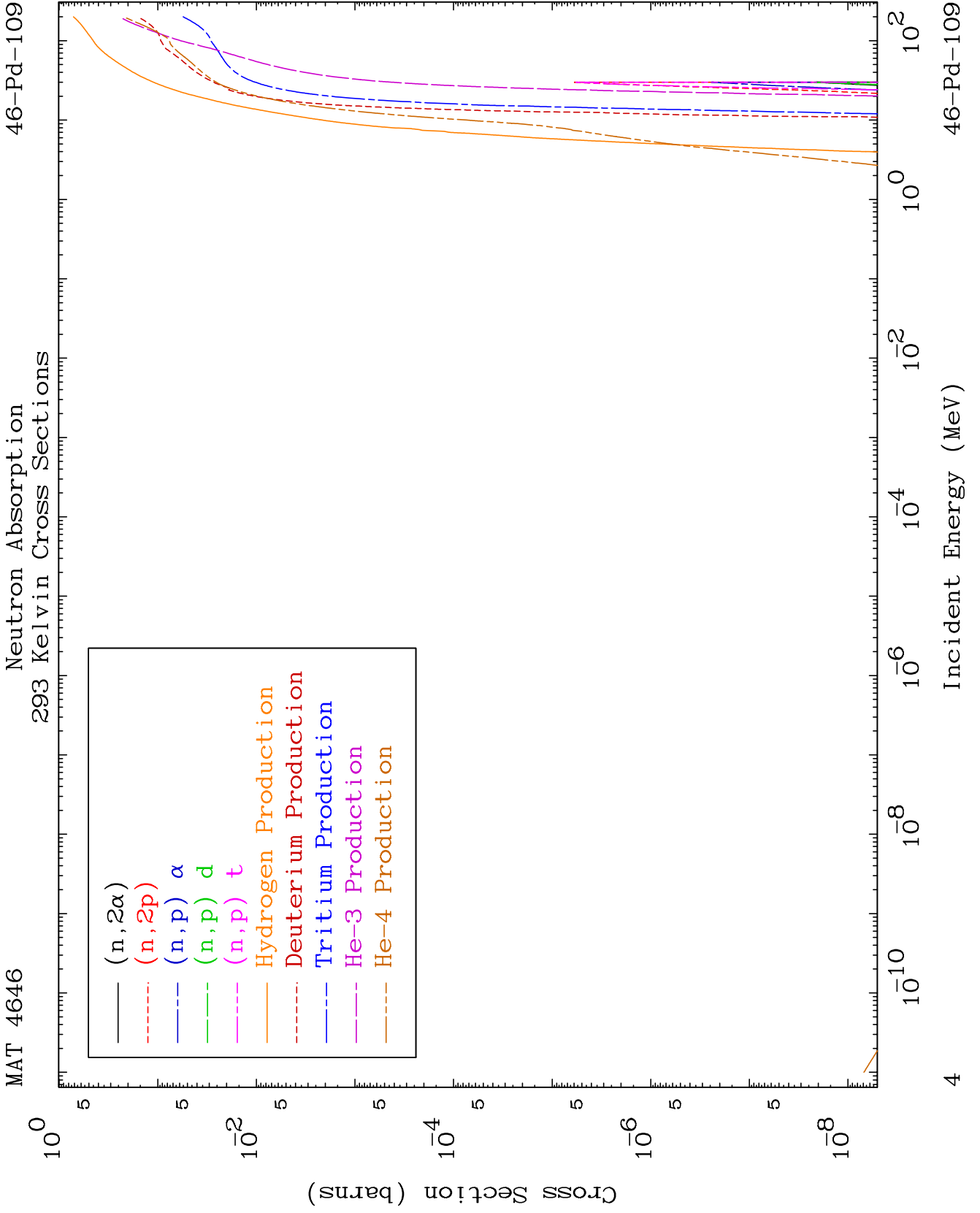
Neutron Major
293 Kelvin Cross Sections

46-Pd-109





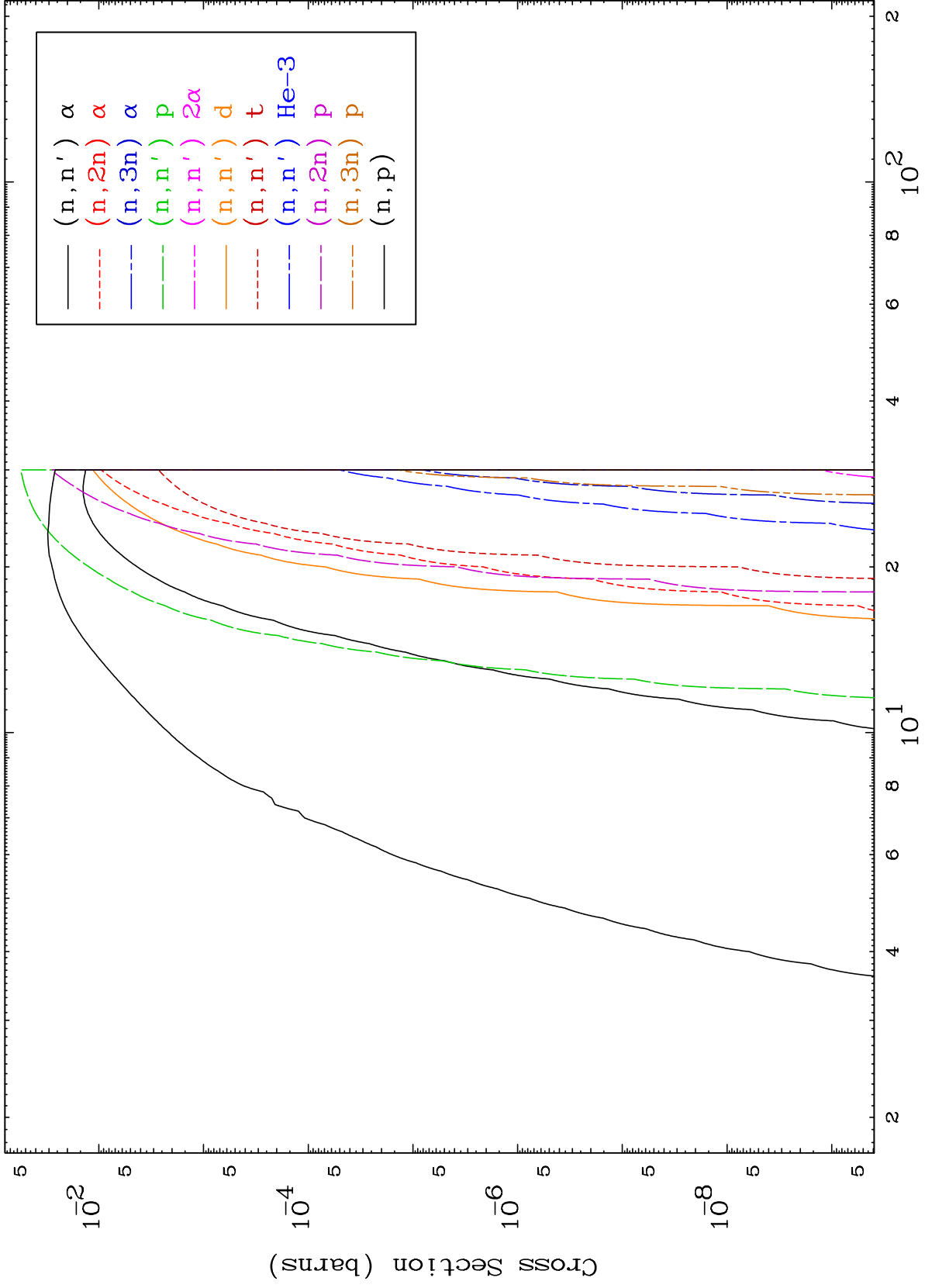




MAT 4646

Charged Particle
293 Kelvin Cross Sections

46-Pd-109



5

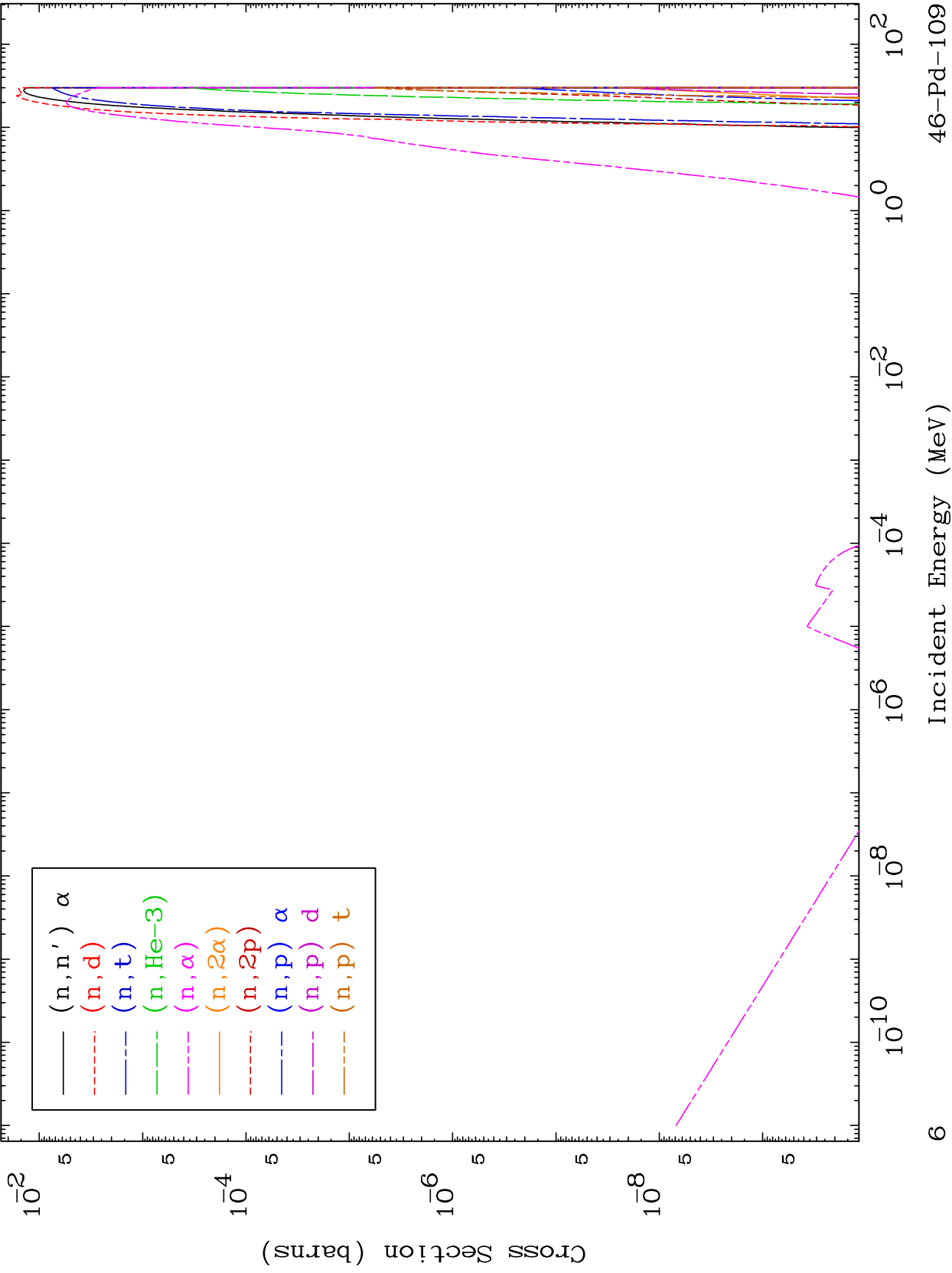
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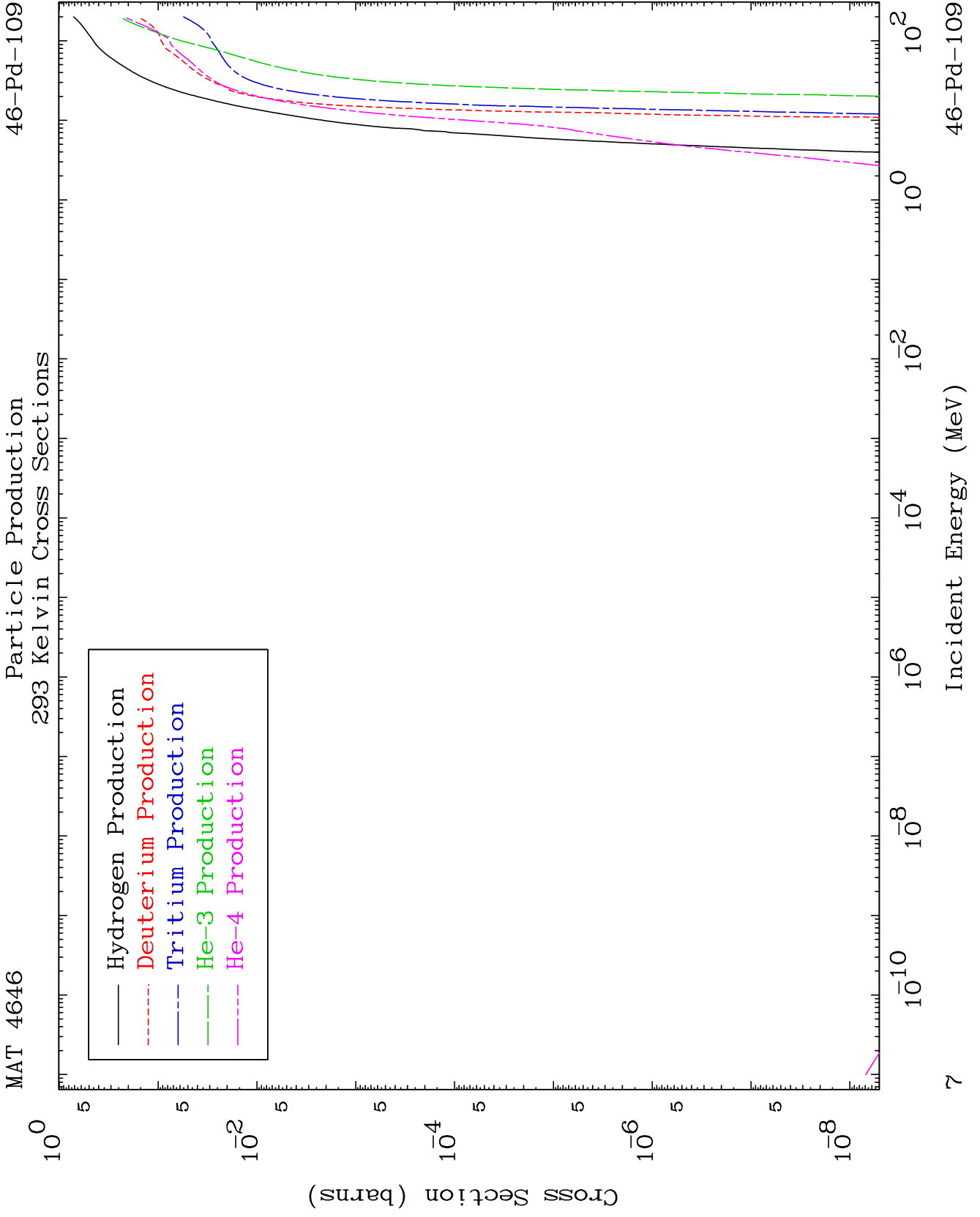
46-Pd-109

MAT 4646

Charged Particle
293 Kelvin Cross Sections

46-Pd-109



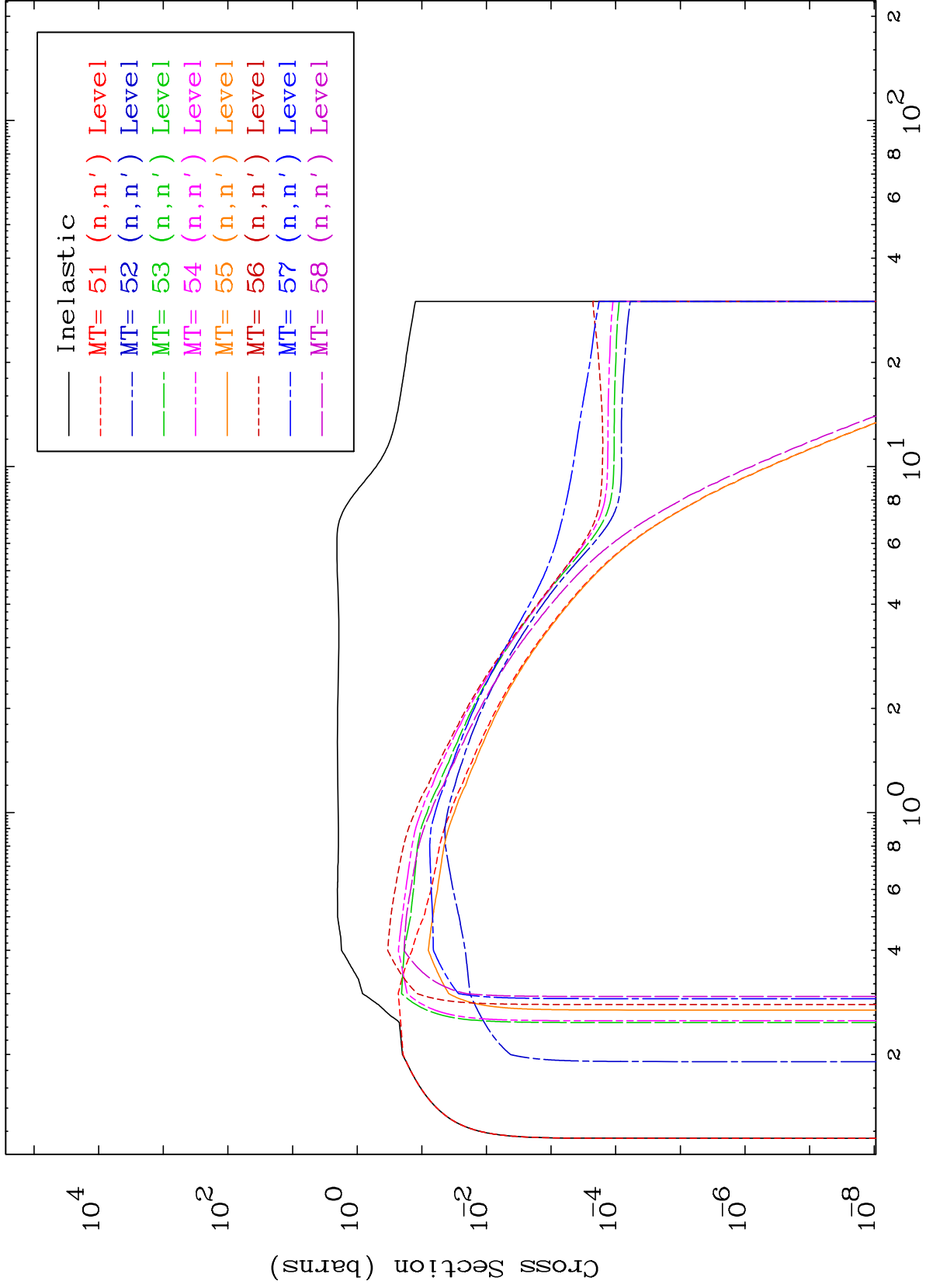


MAT 4646

(n,n') Levels

46-Pd-109

293 Kelvin Cross Sections



8

Incident Energy (MeV)

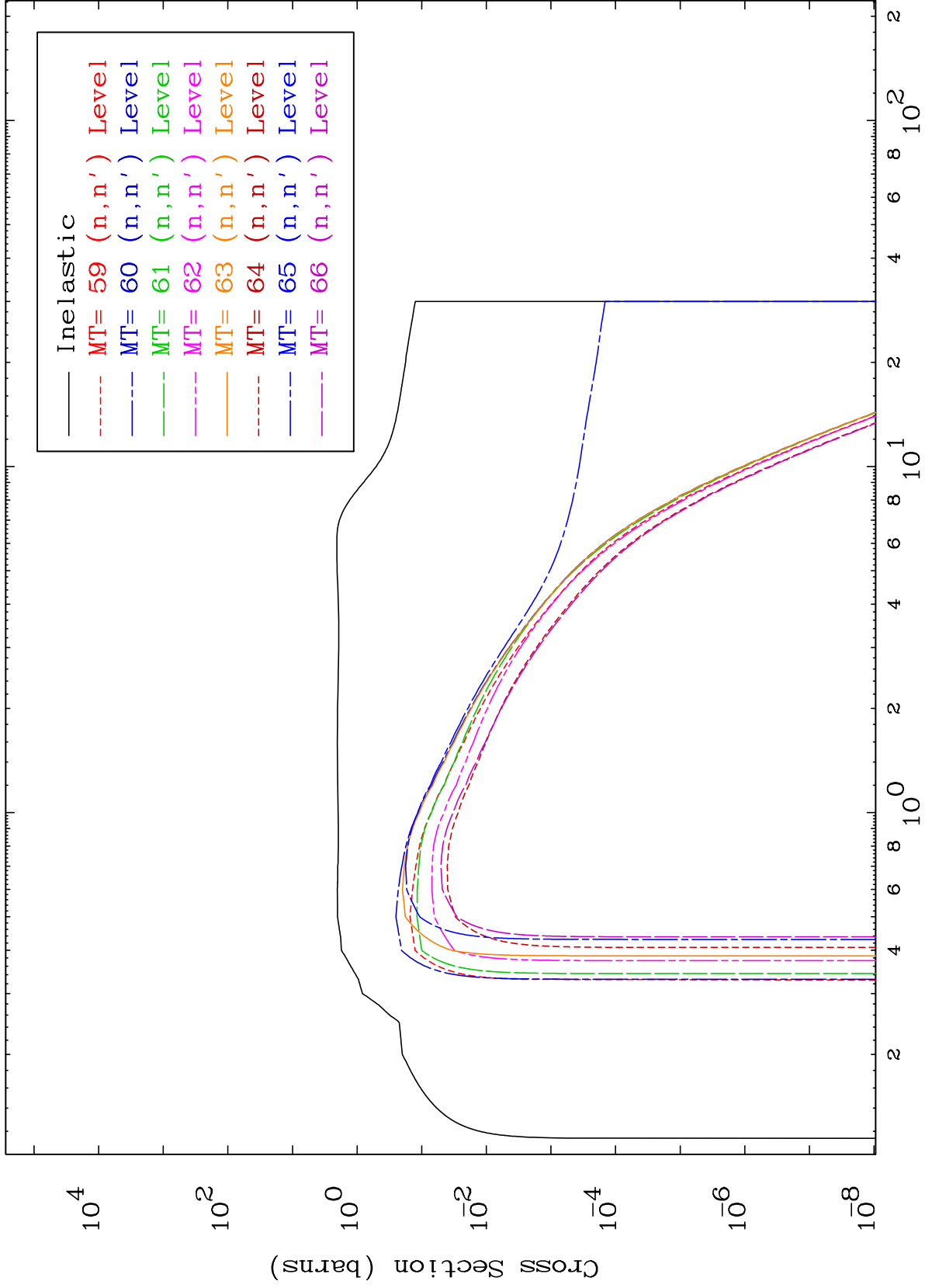
46-Pd-109

MAT 4646

(n,n') Levels

46-Pd-109

293 Kelvin Cross Sections

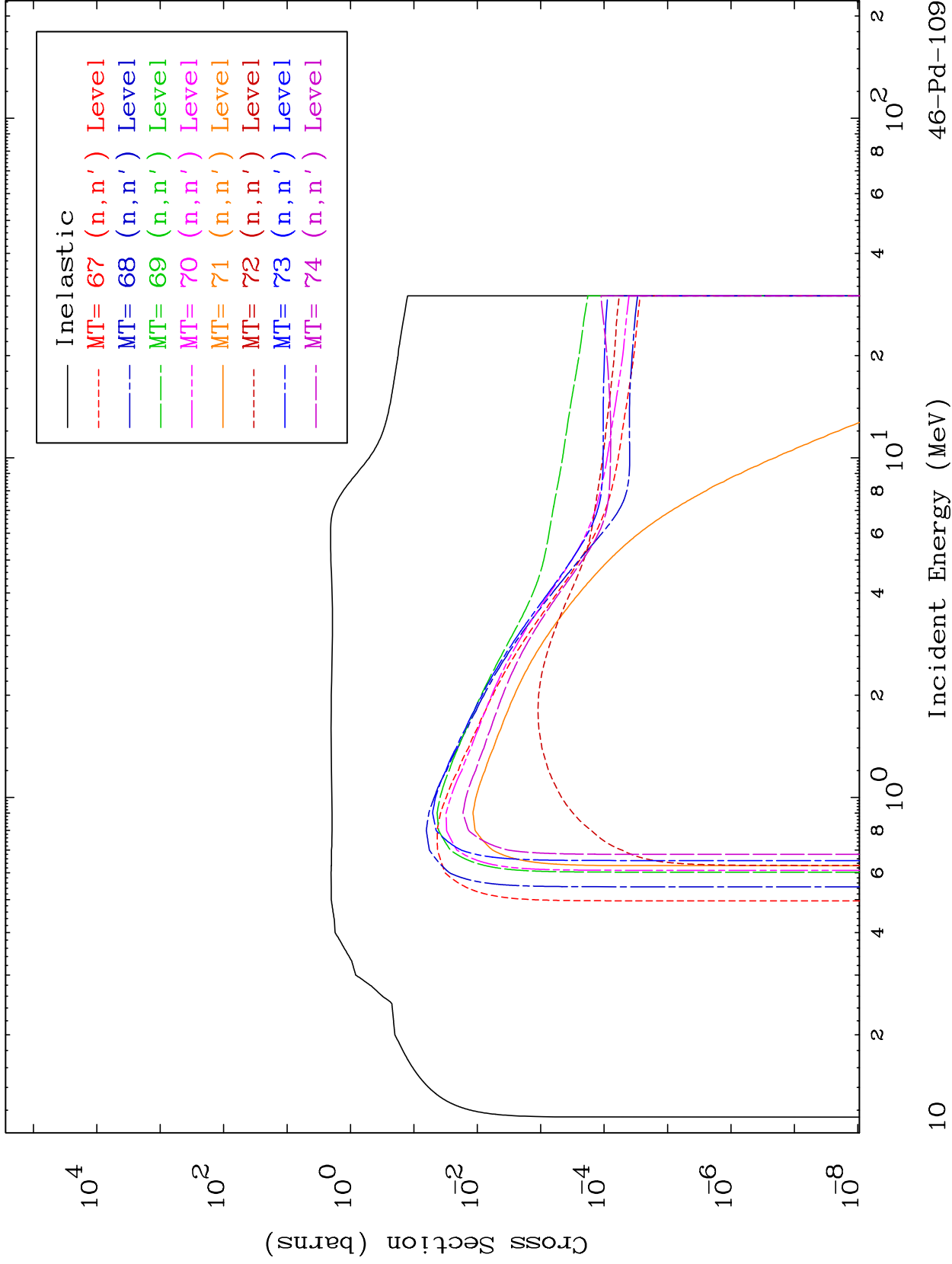


MAT 4646

(n,n') Levels

46-Pd-109

293 Kelvin Cross Sections



10

Incident Energy (MeV)

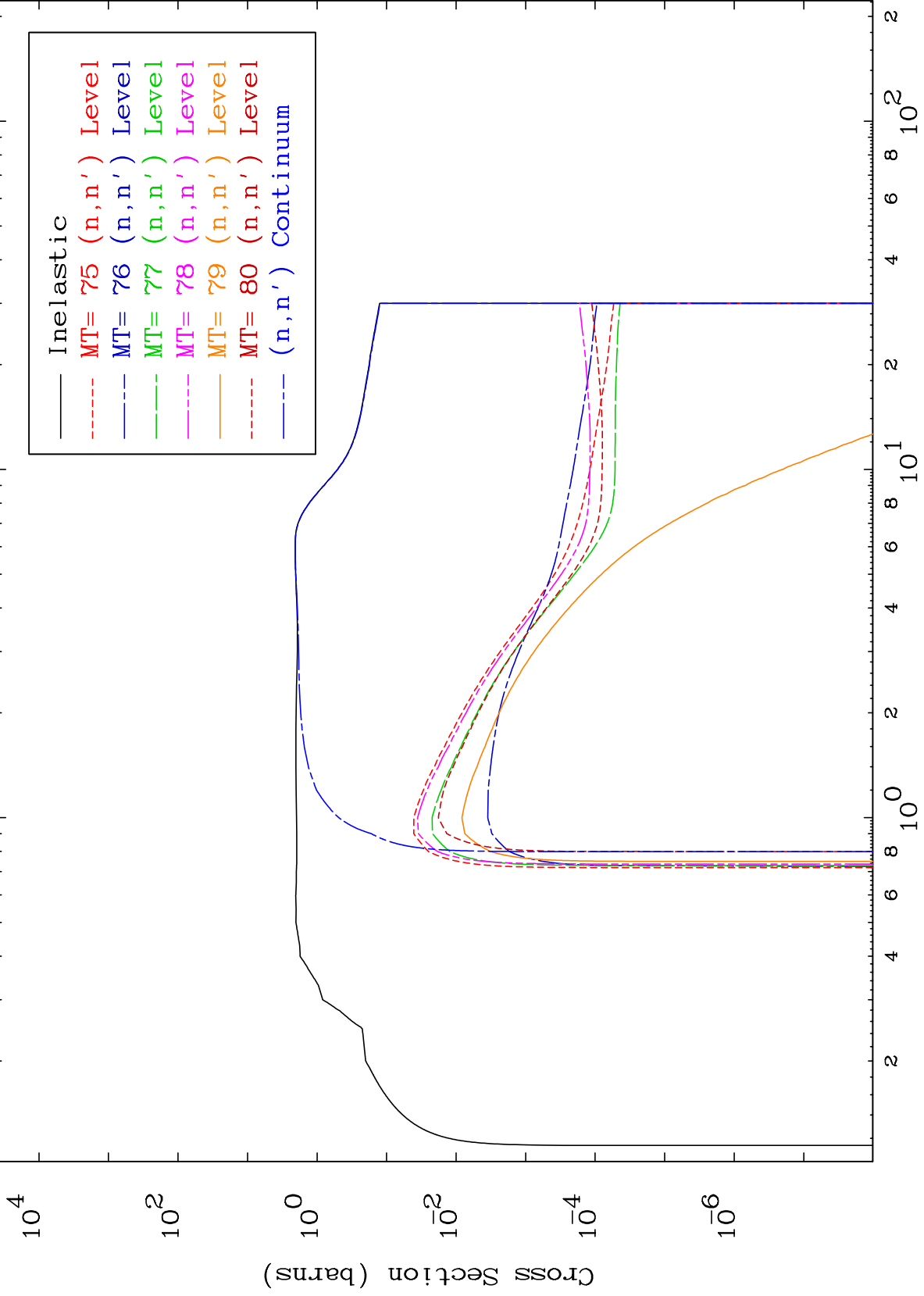
46-Pd-109

MAT 4646

(n,n') Levels

46-Pd-109

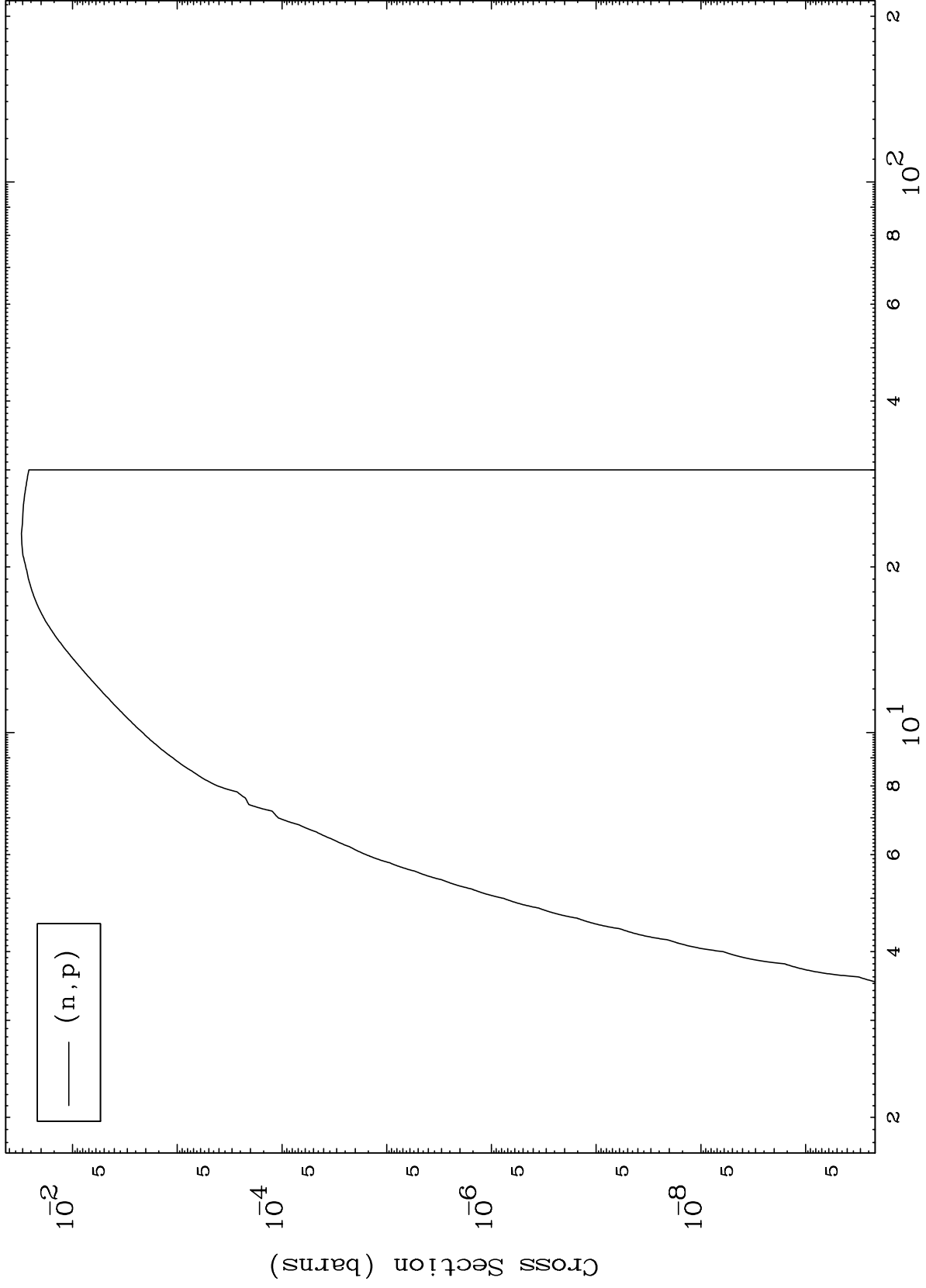
293 Kelvin Cross Sections



MAT 4646

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-109



12

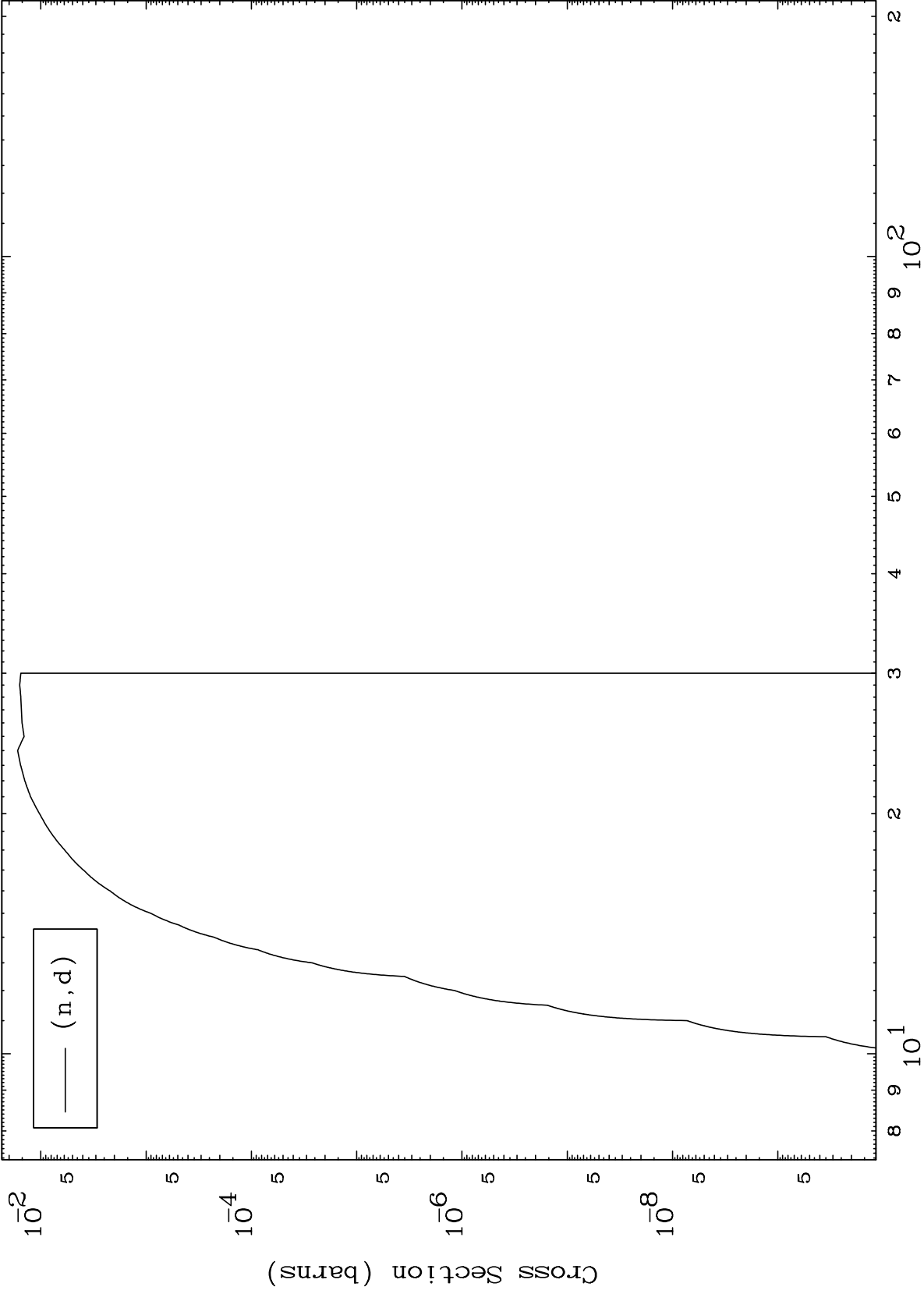
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46-Pd-109

MAT 4646

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-109



13

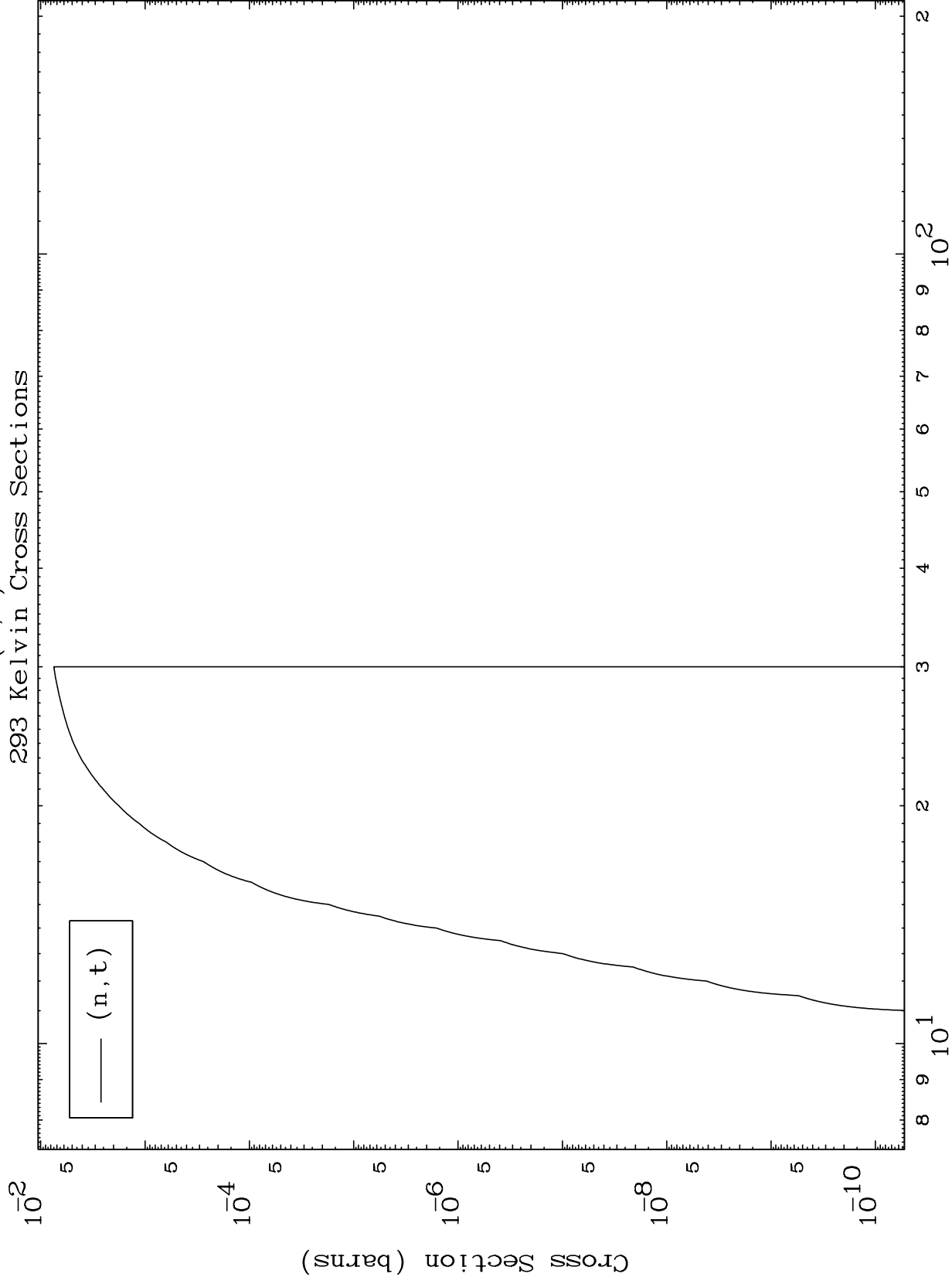
Incident Energy (MeV)

46-Pd-109

MAT 4646

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-109



14

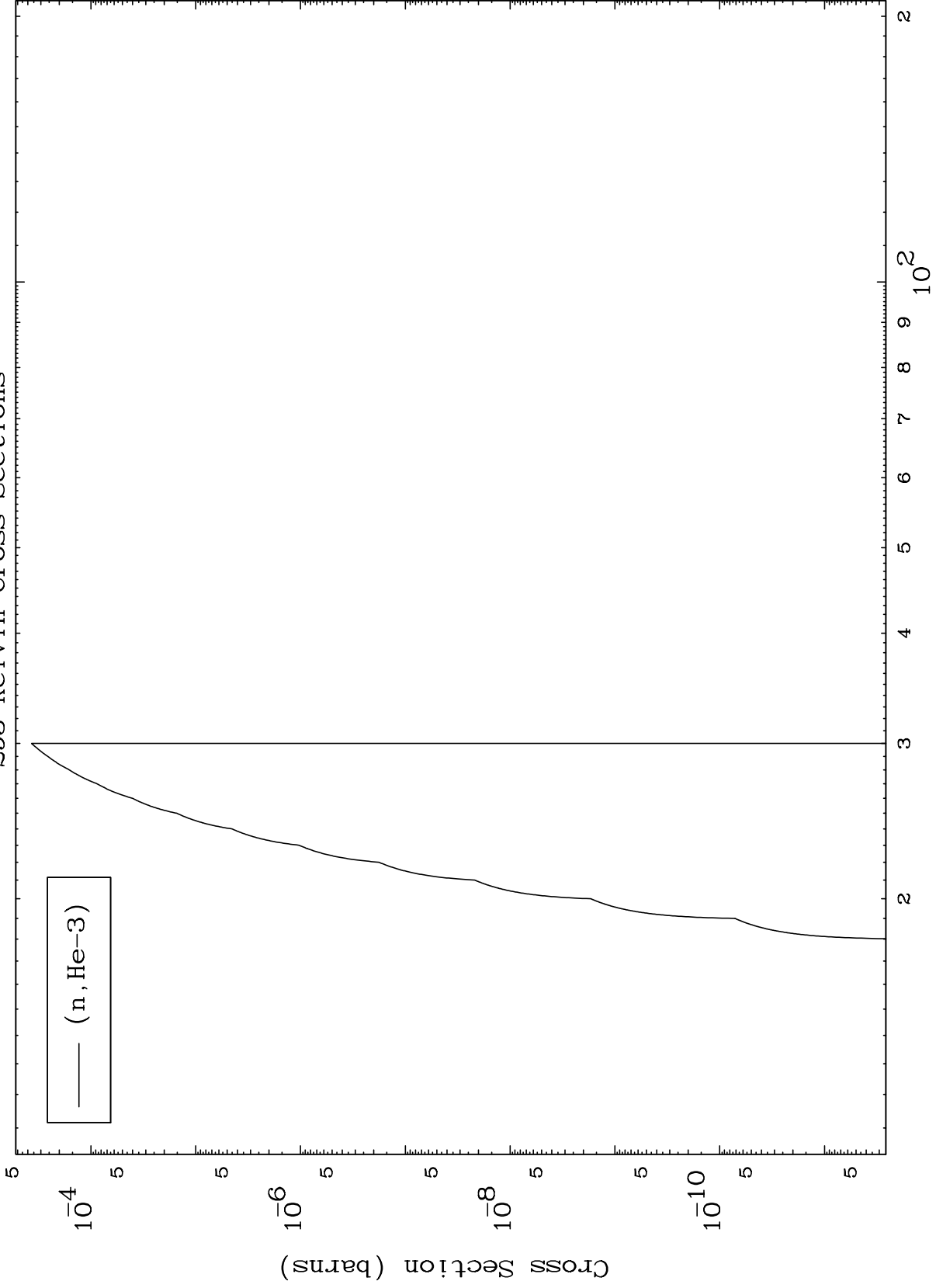
Incident Energy (MeV)

46-Pd-109

MAT 4646

(n,He3) Levels
293 Kelvin Cross Sections

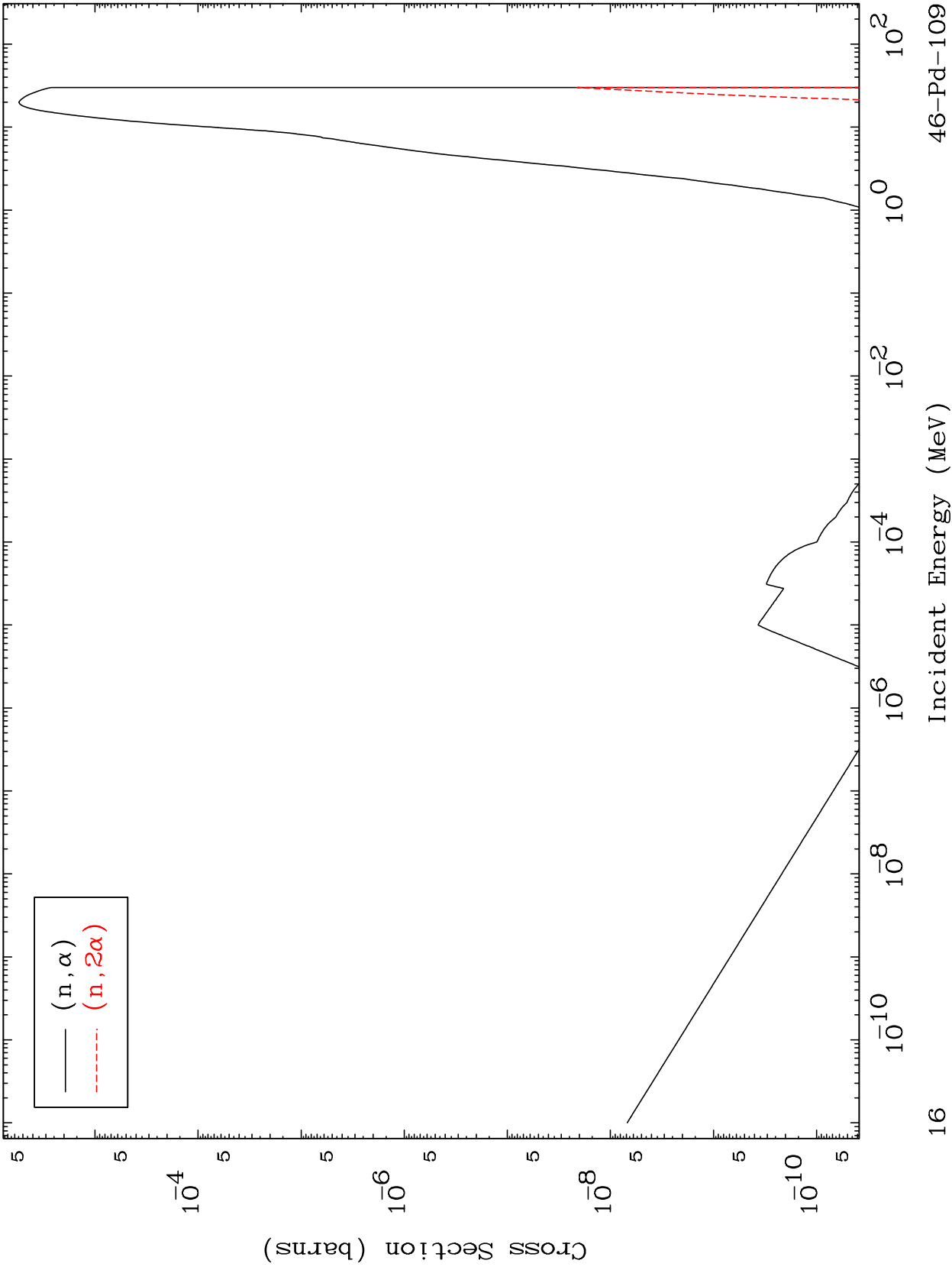
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MAT 4646

(n, α) Levels
293 Kelvin Cross Sections

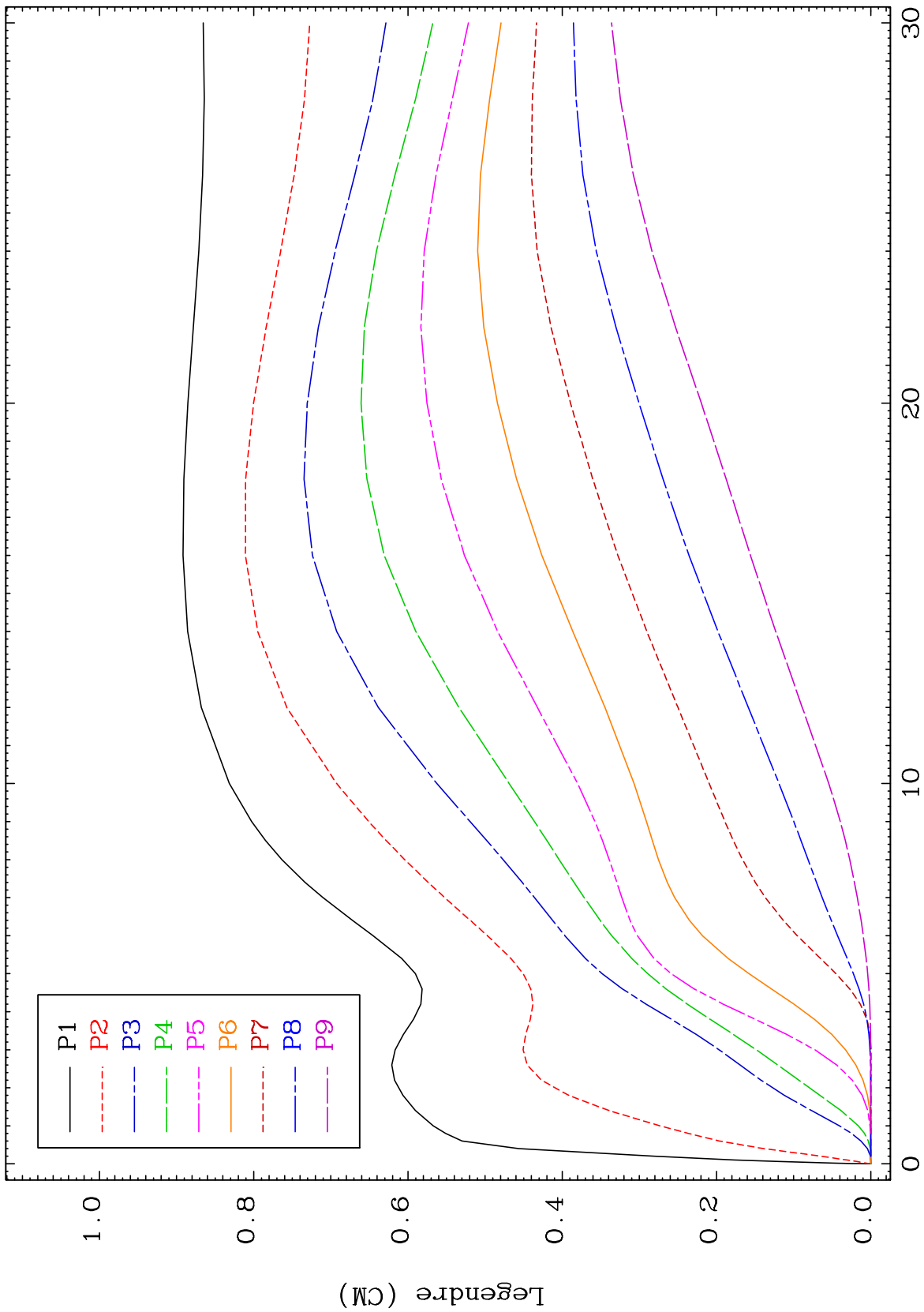
46-Pd-109



MAT 4646

Elastic Legendre Coefficients

46-Pd-109



17

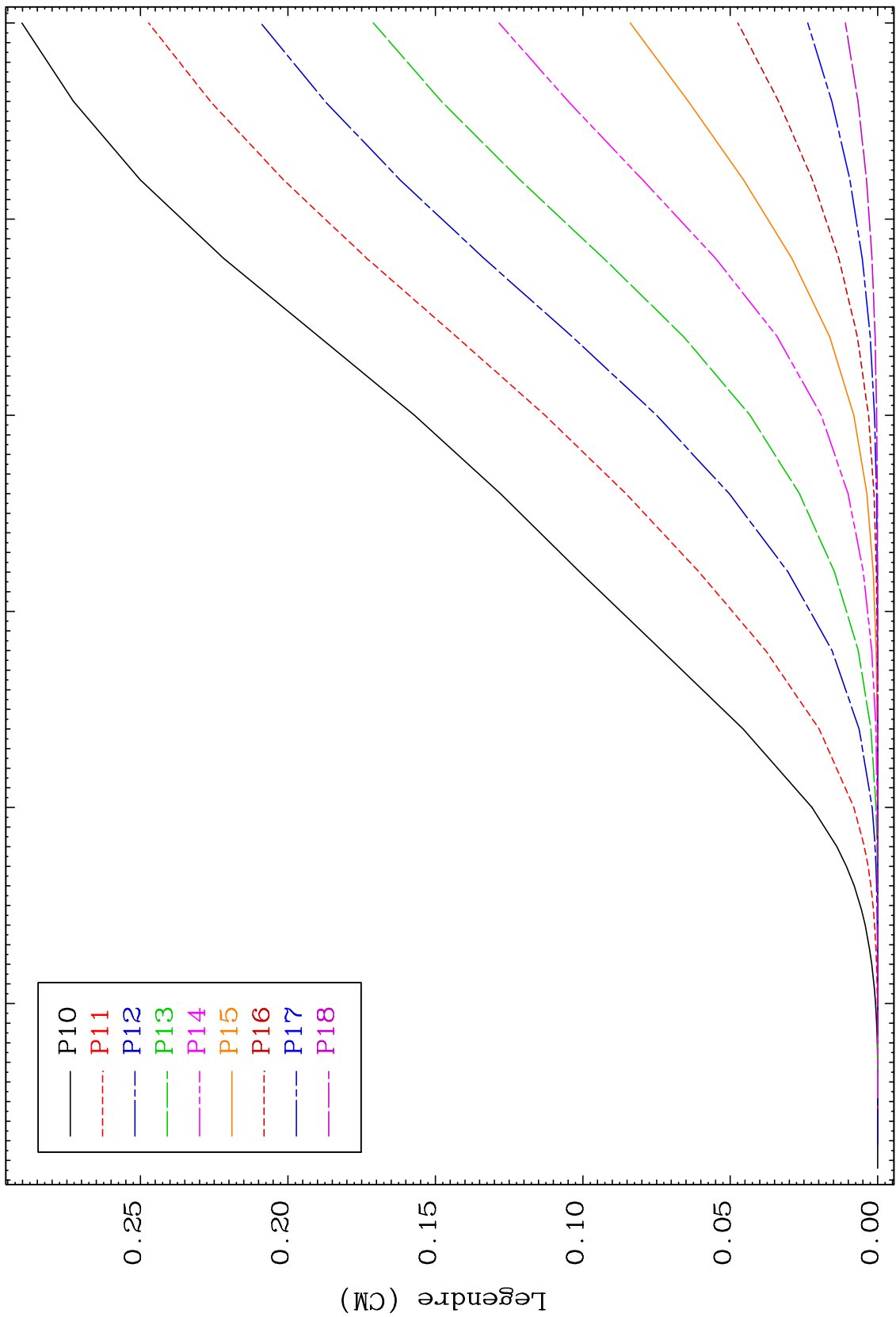
Incident Energy (MeV)

46-Pd-109

MAT 4646

Elastic Legendre Coefficients

46-Pd-109



18

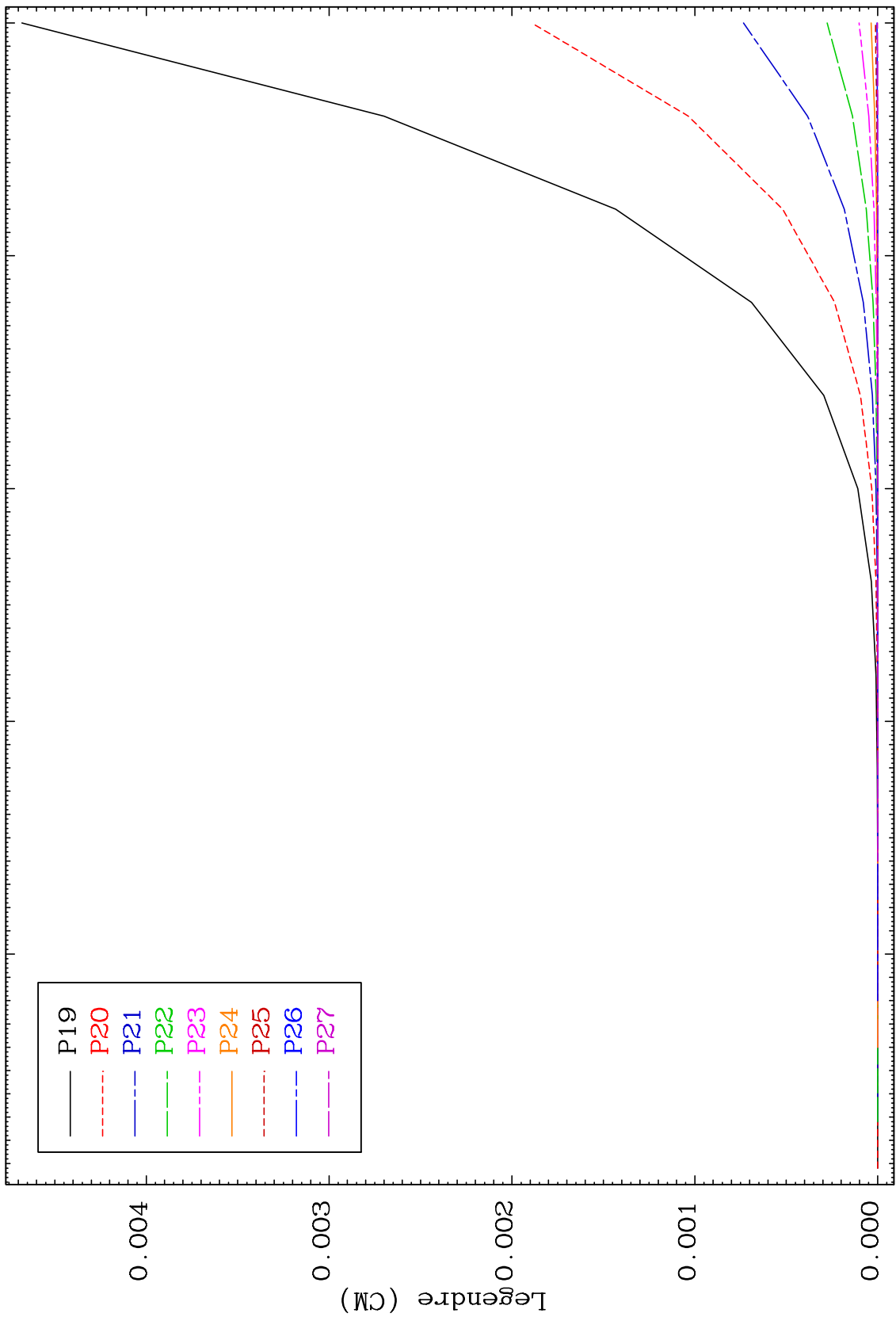
Incident Energy (MeV)

46-Pd-109

MAT 4646

Elastic Legendre Coefficients

46-Pd-109



19

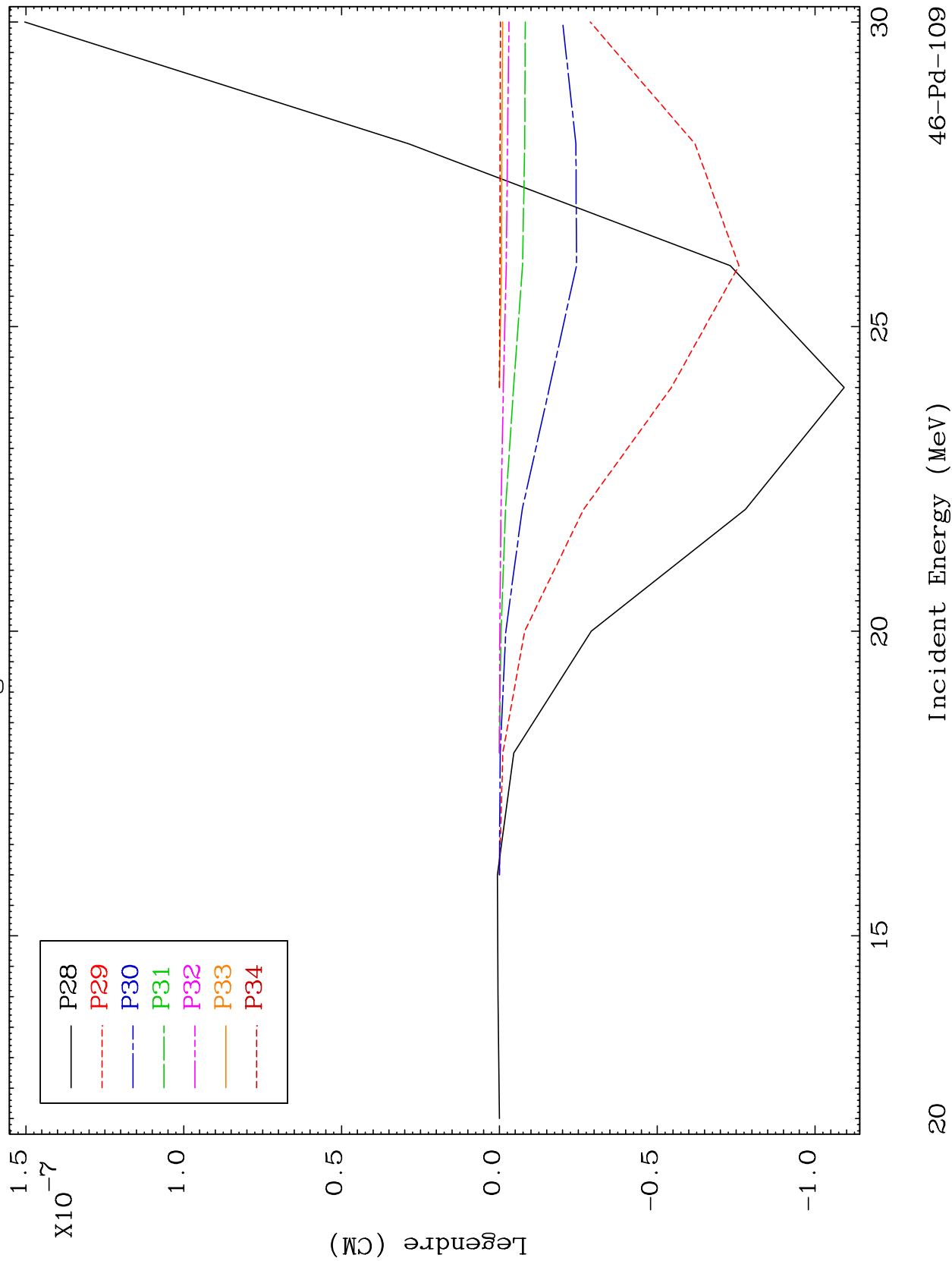
Incident Energy (MeV)

46-Pd-109

MAT 4646

Elastic Legendre Coefficients

46-Pd-109



20

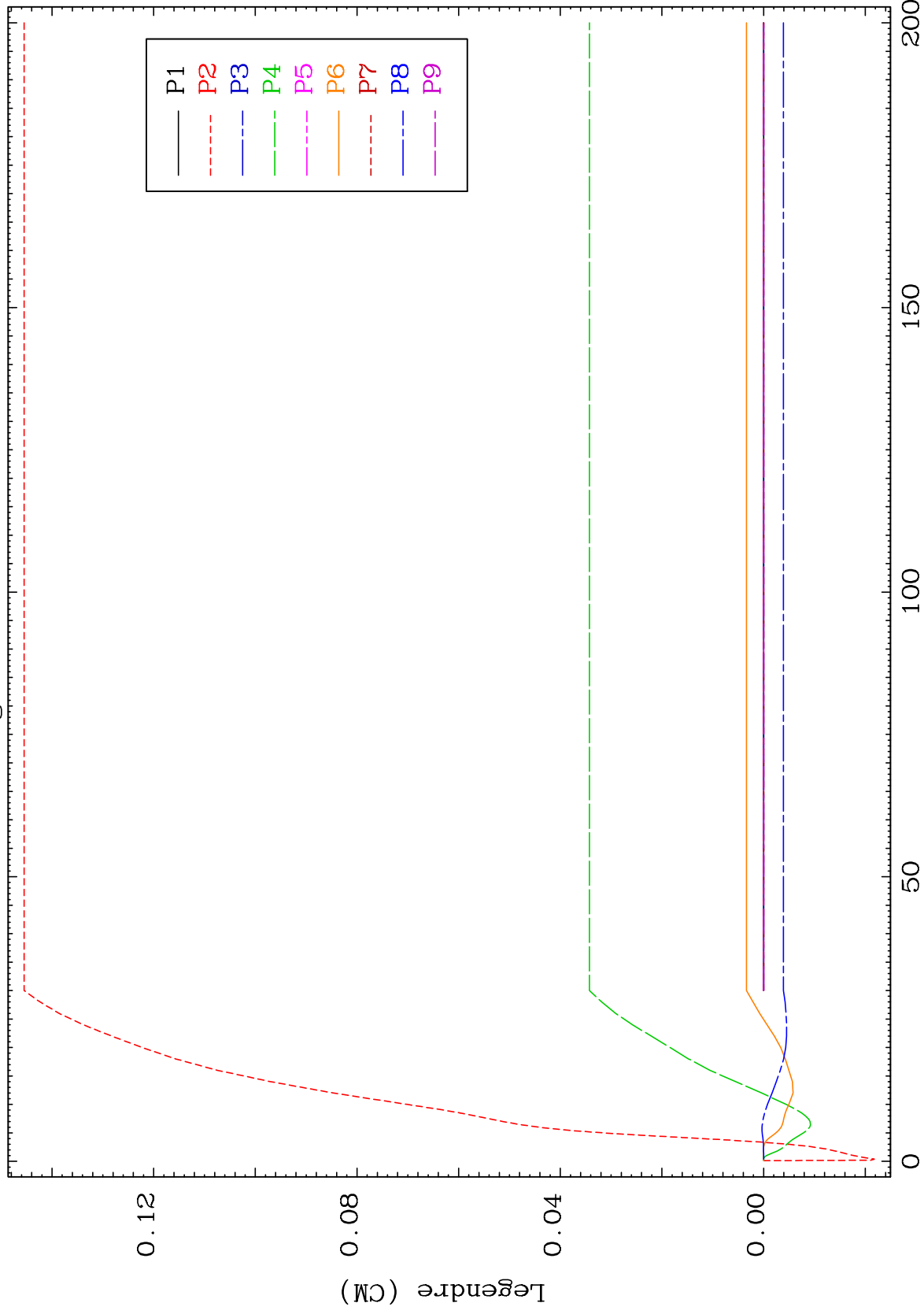
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



21

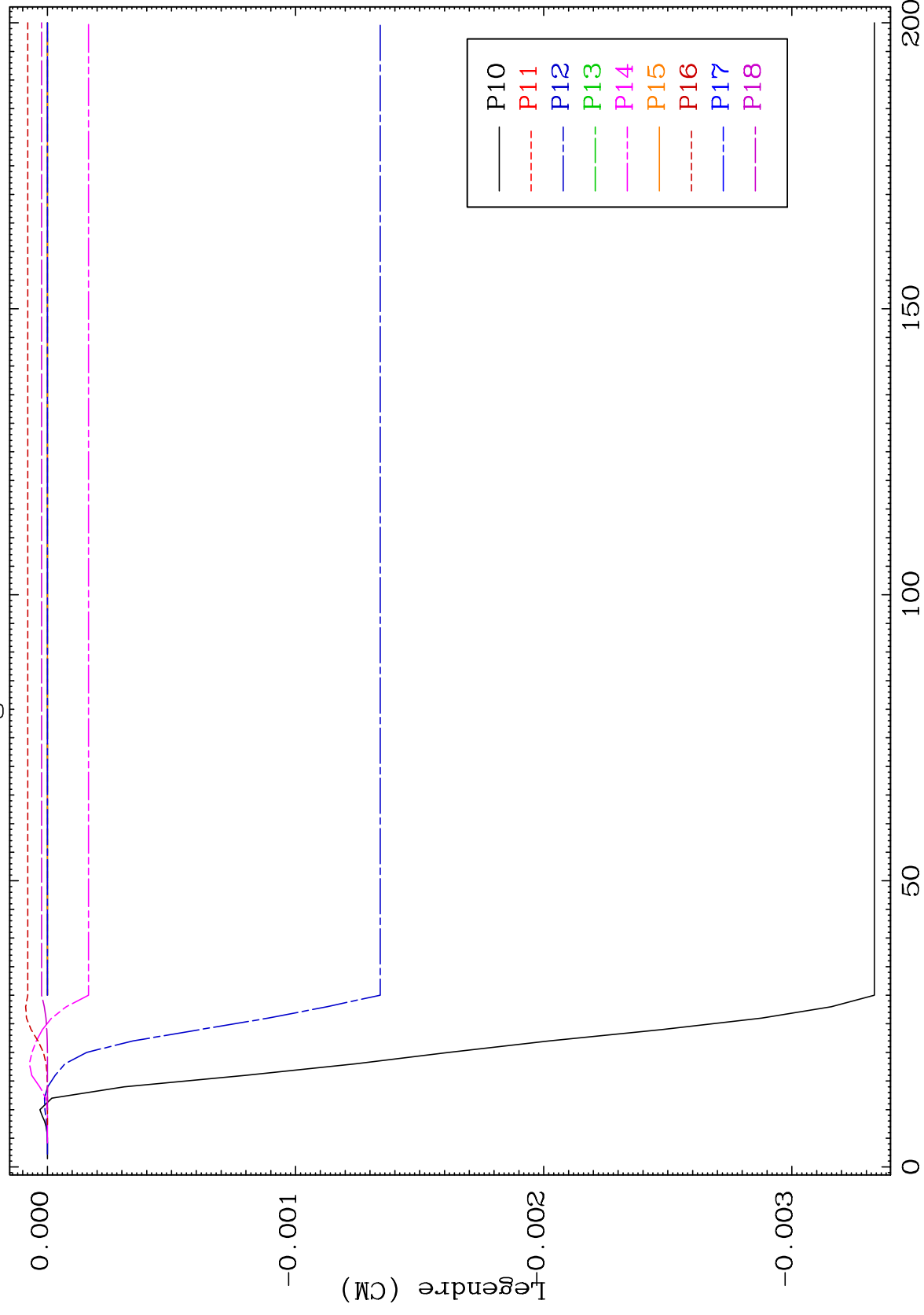
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

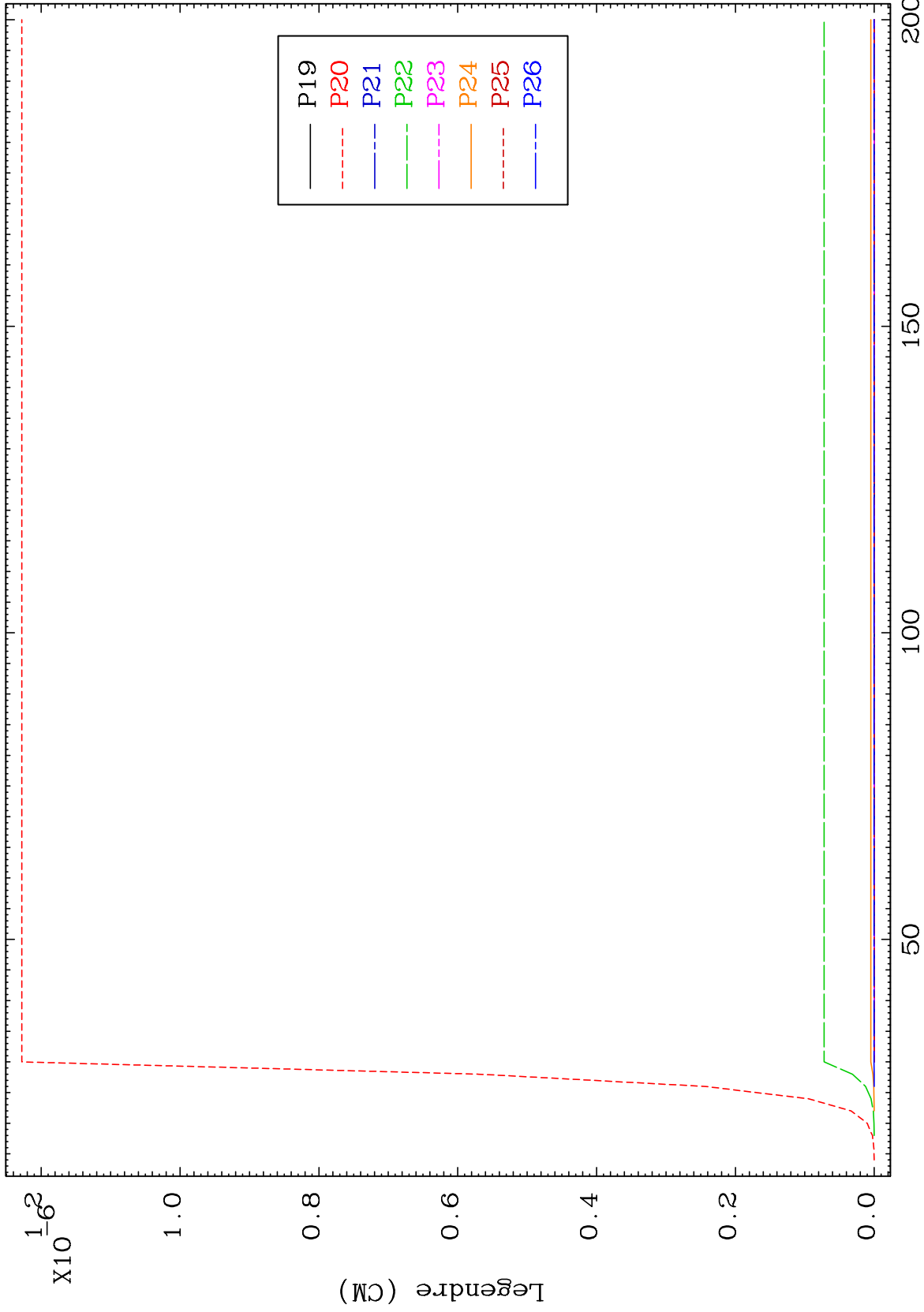
46-Pd-109



MAT 4646

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

46-Pd-109



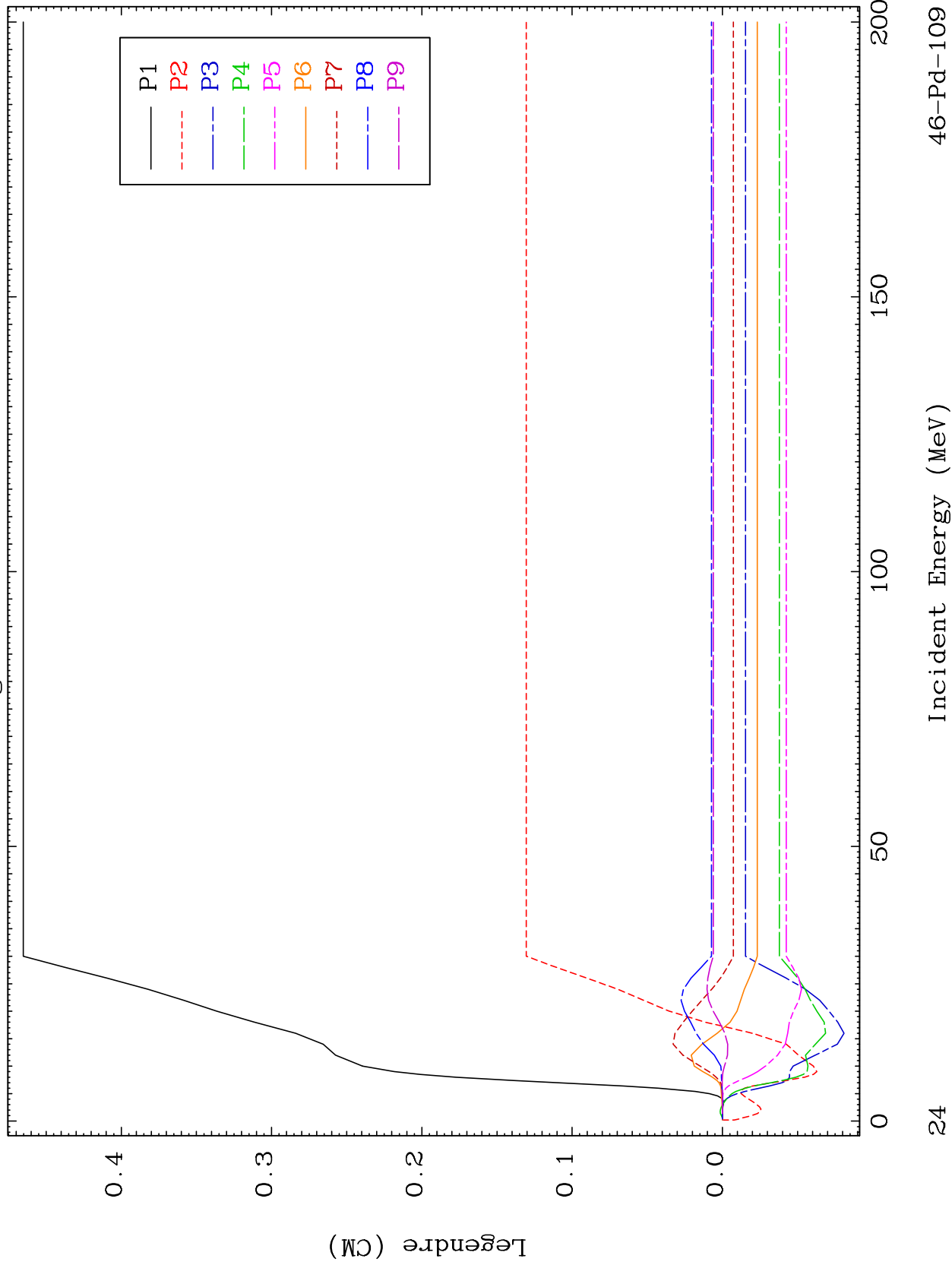
23

46-Pd-109

MAT 4646

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

46-Pd-109



46-Pd-109

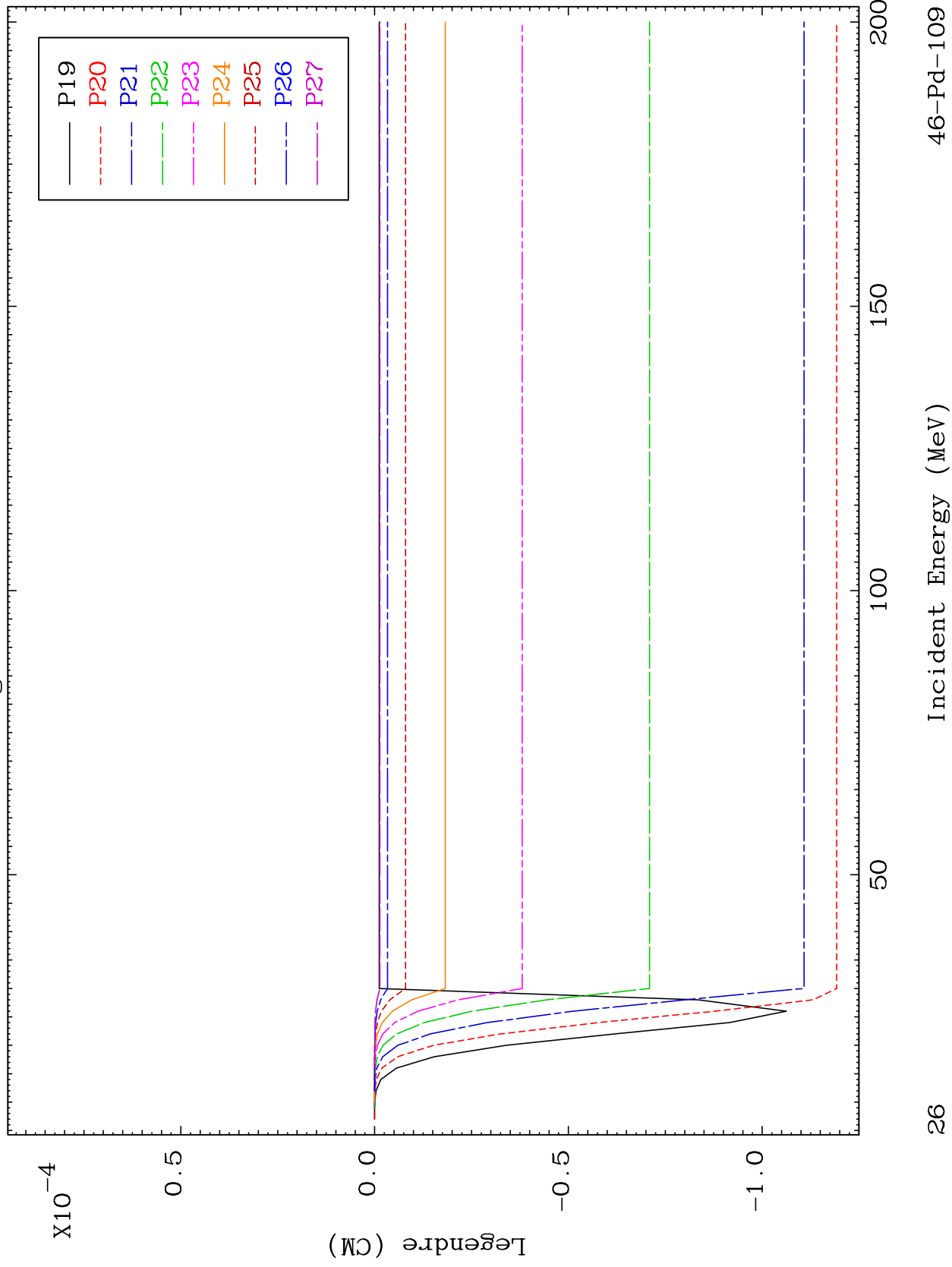
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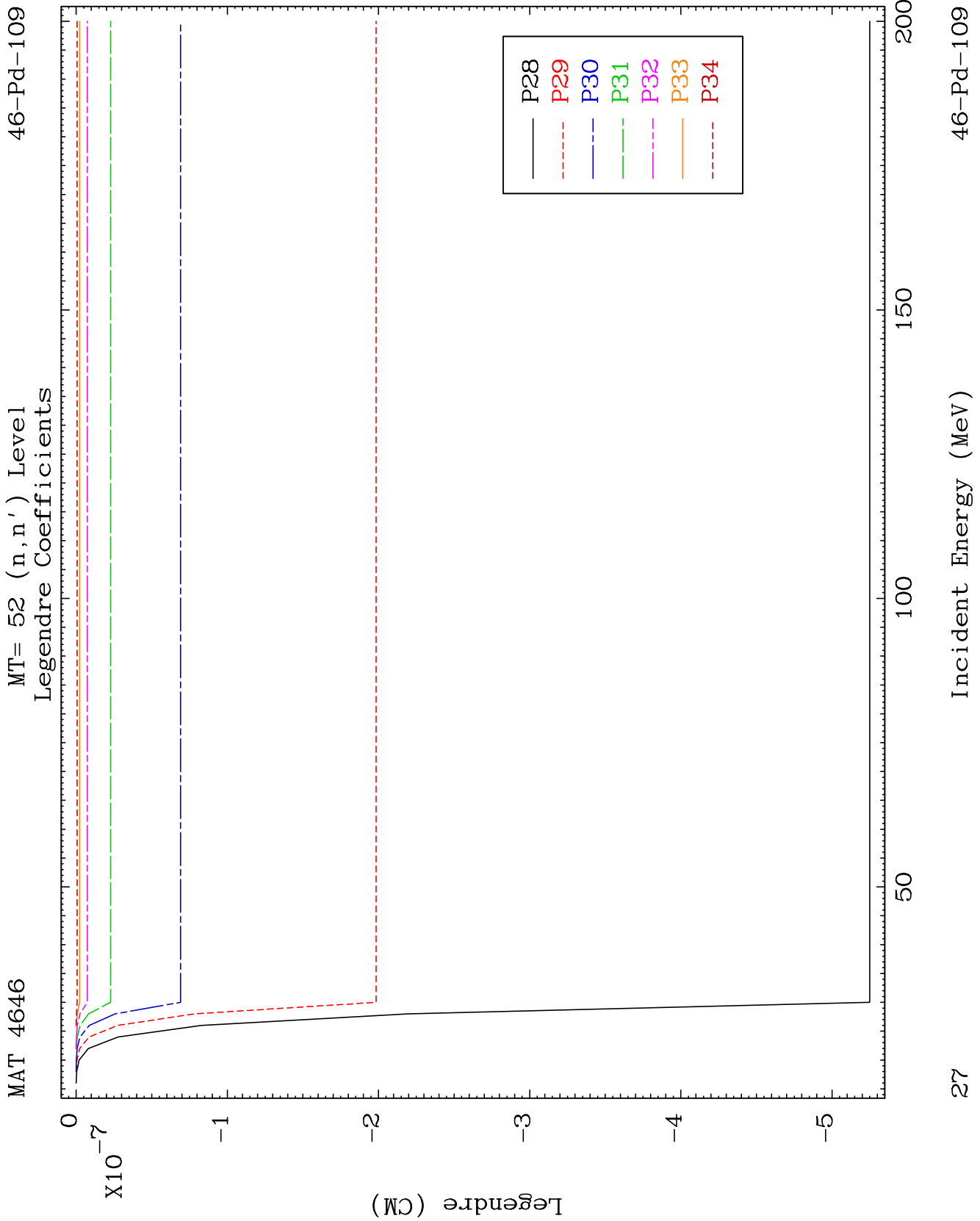
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MAT 4646

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

46-Pd-109

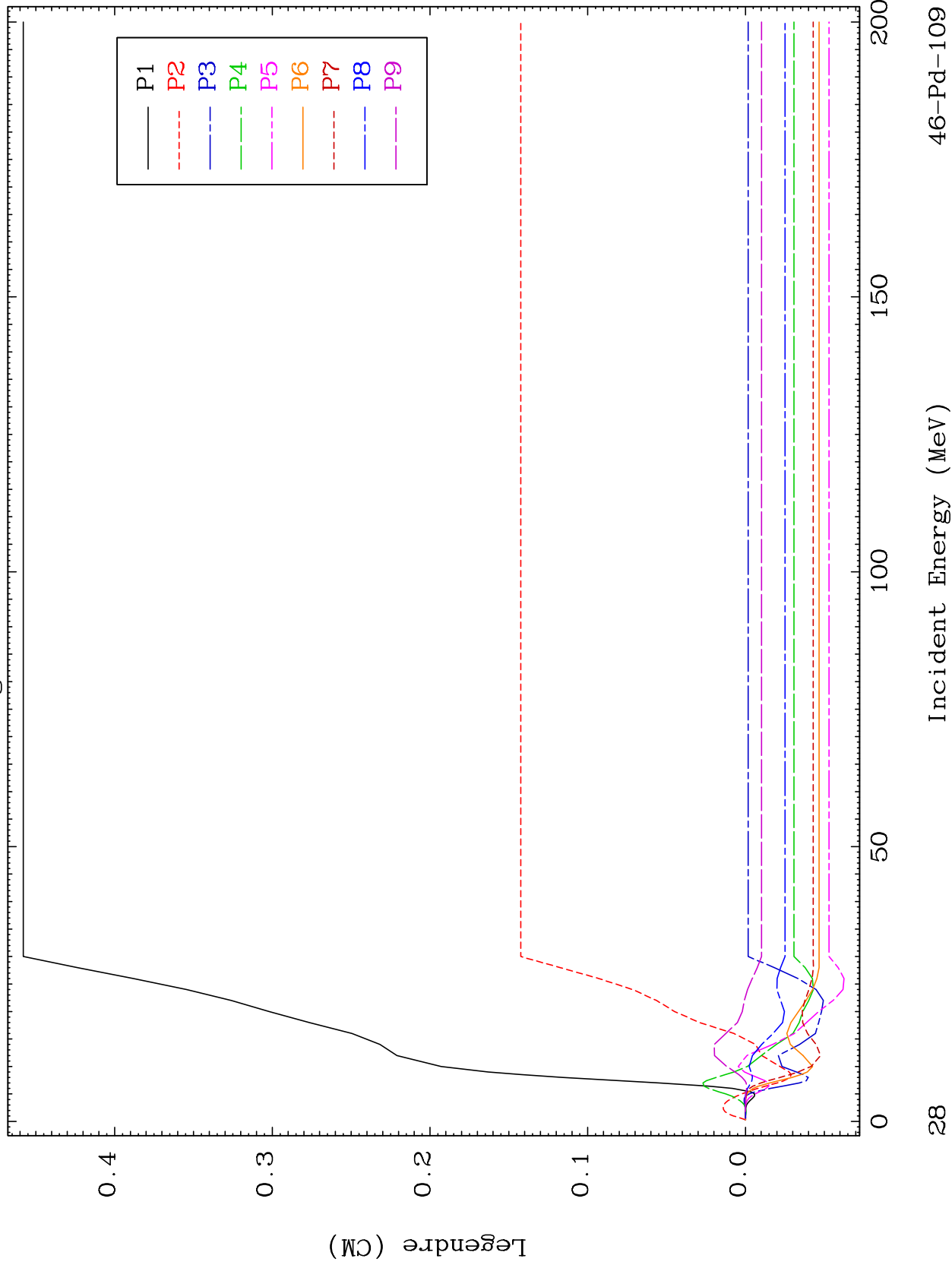




MAT 4646

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

46-Pd-109



28

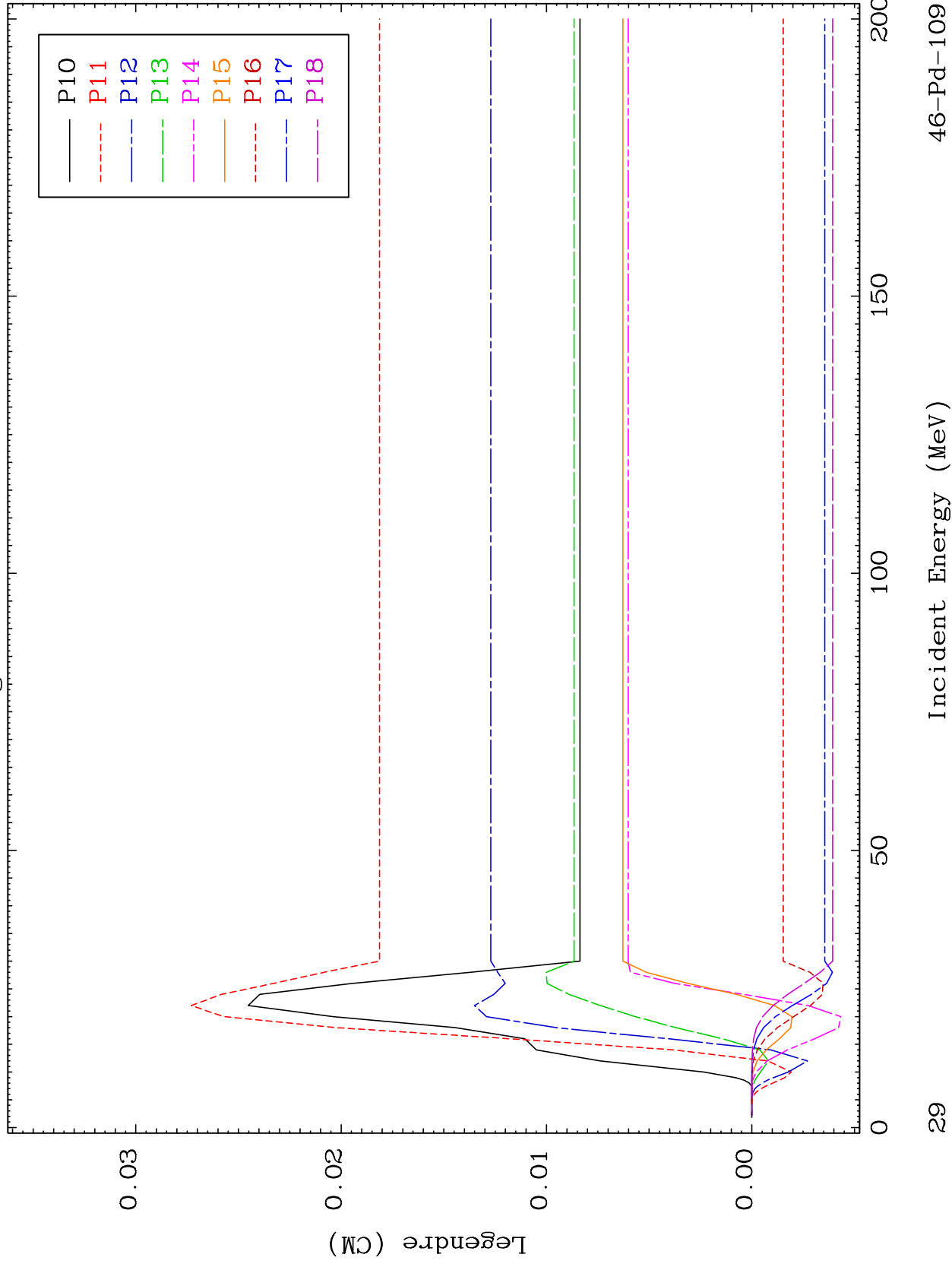
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



29

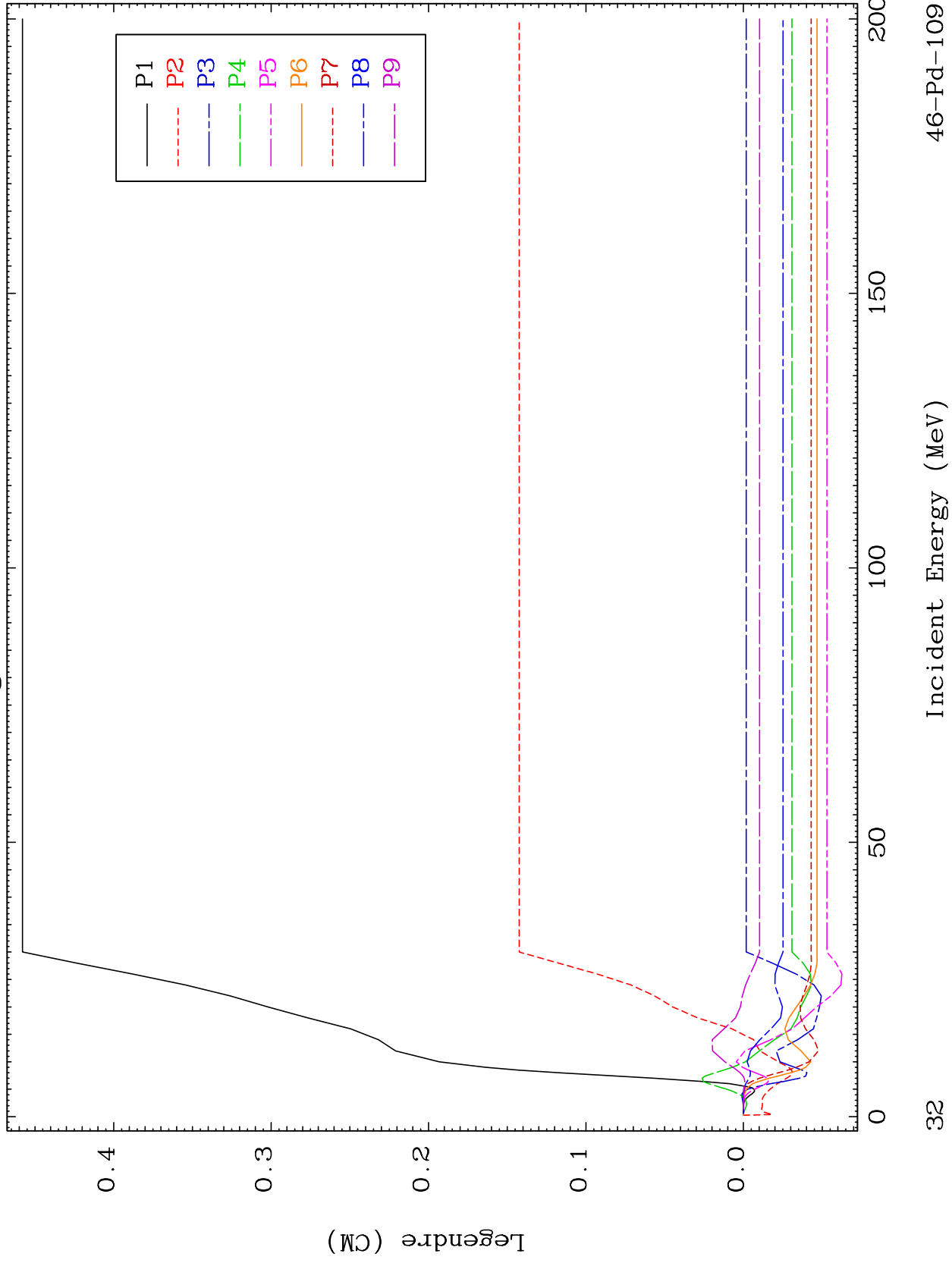
Incident Energy (MeV)

46-Pd-109

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

46-Pd-109



32

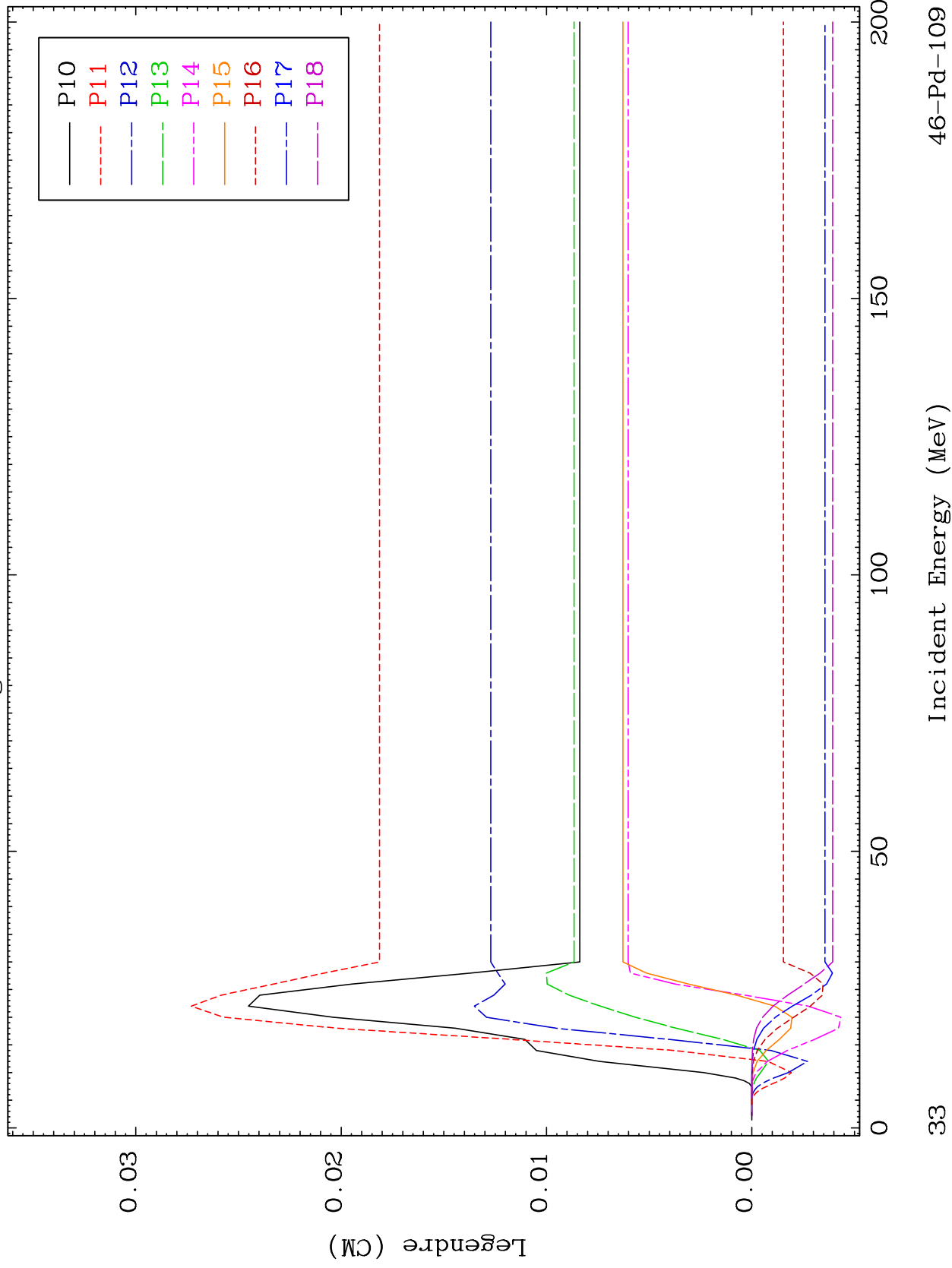
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

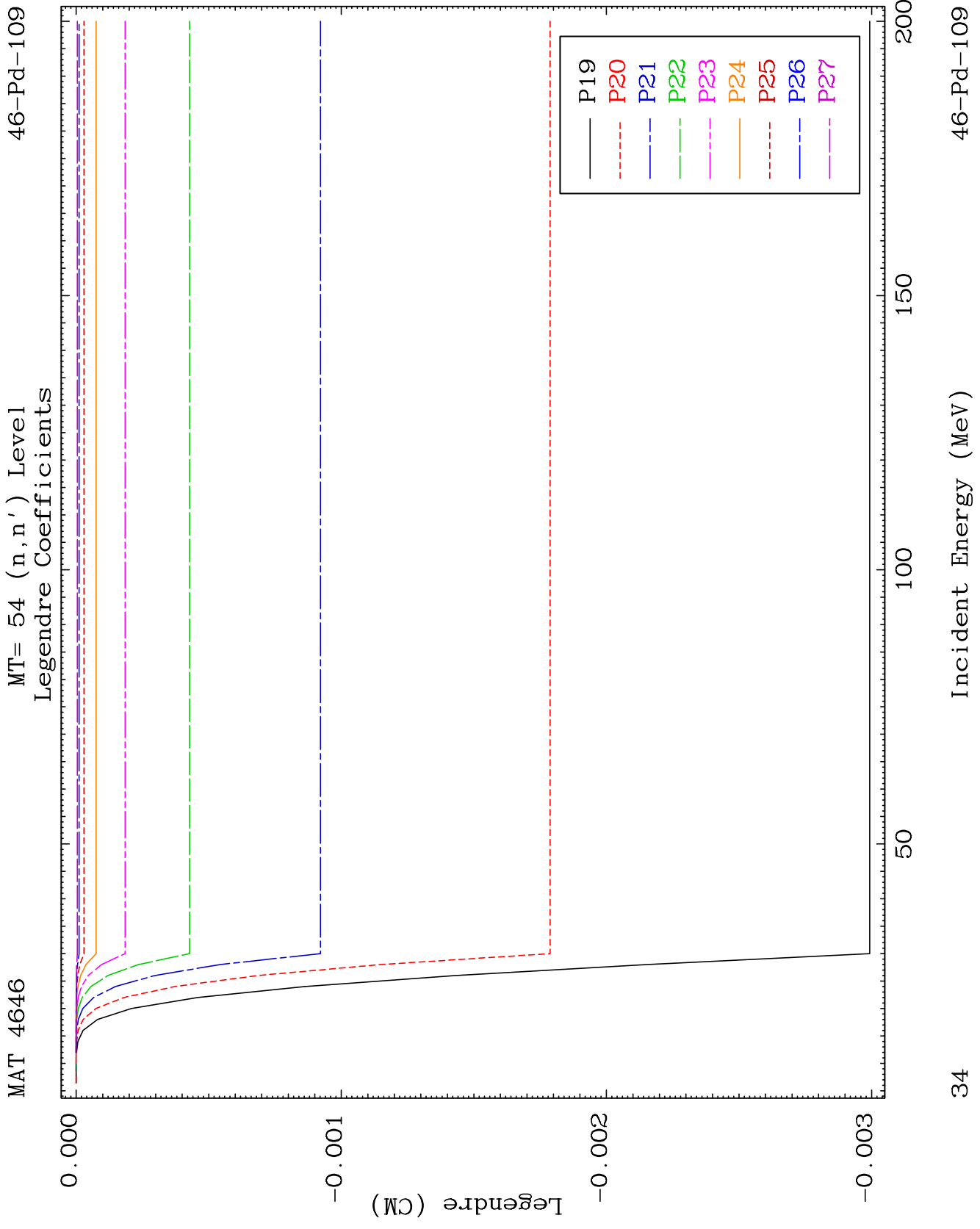
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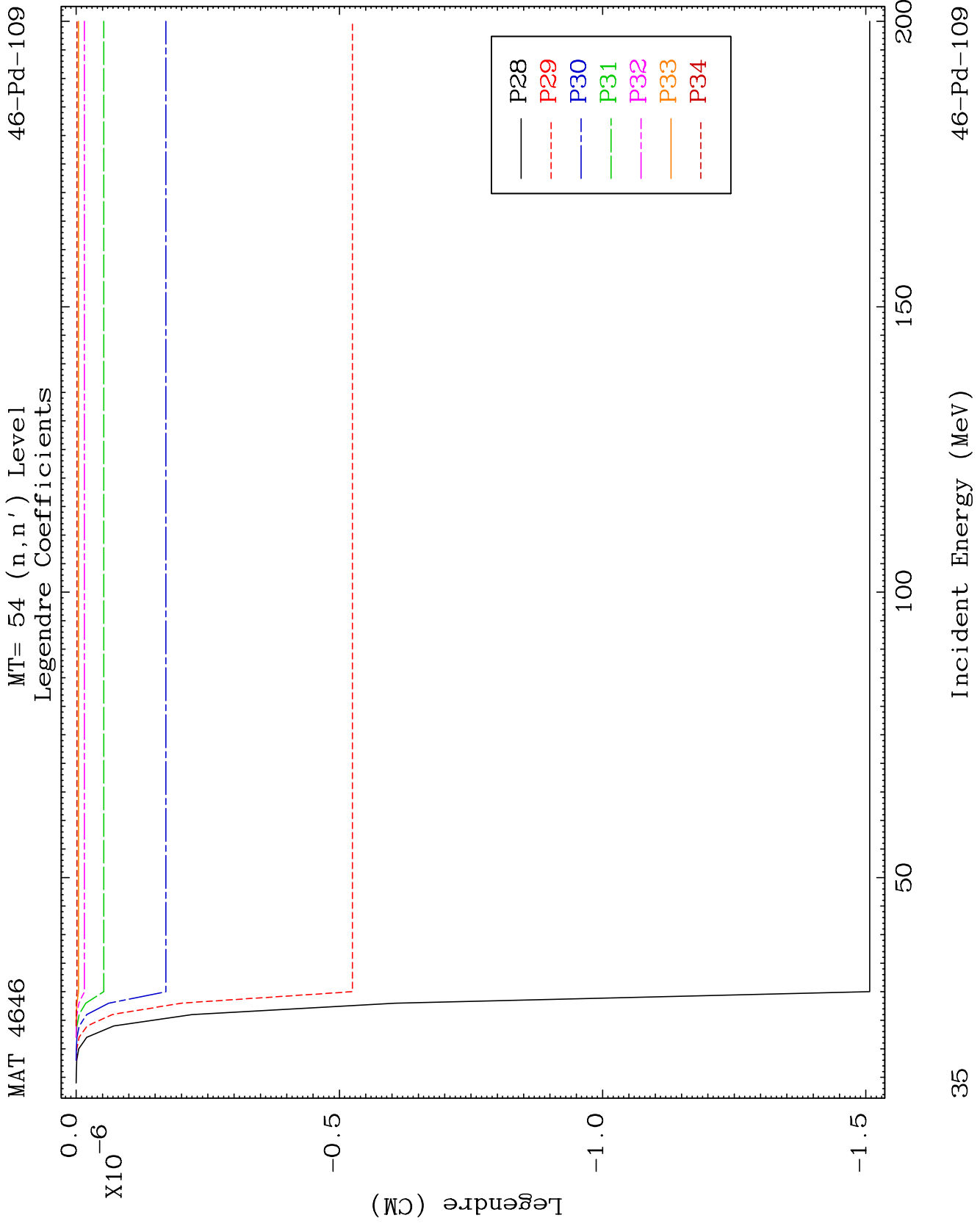


33

Incident Energy (MeV)

46-Pd-109

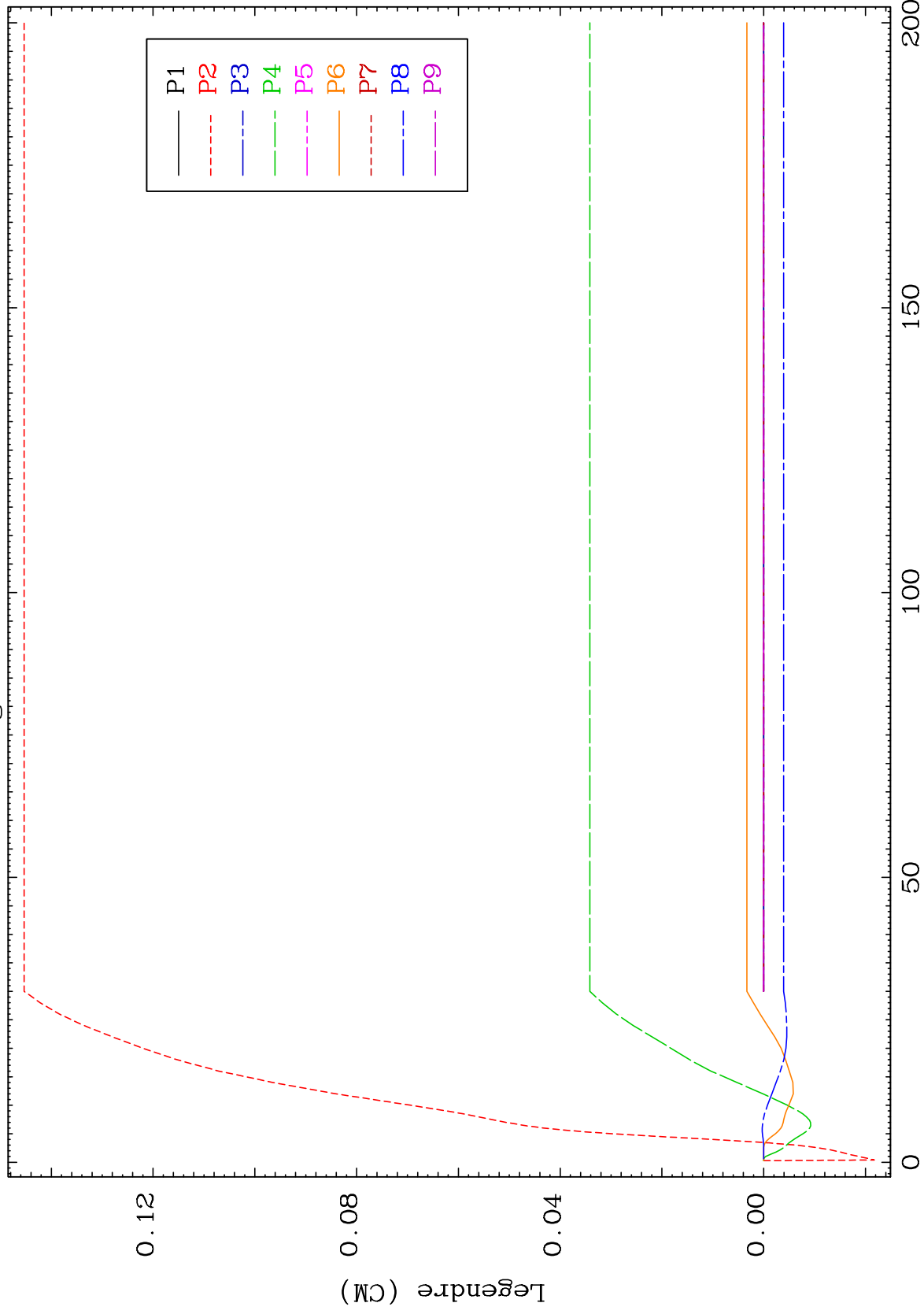




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MT= 55 (n,n') Level
Legendre Coefficients

46-Pd-109



36

Incident Energy (MeV)

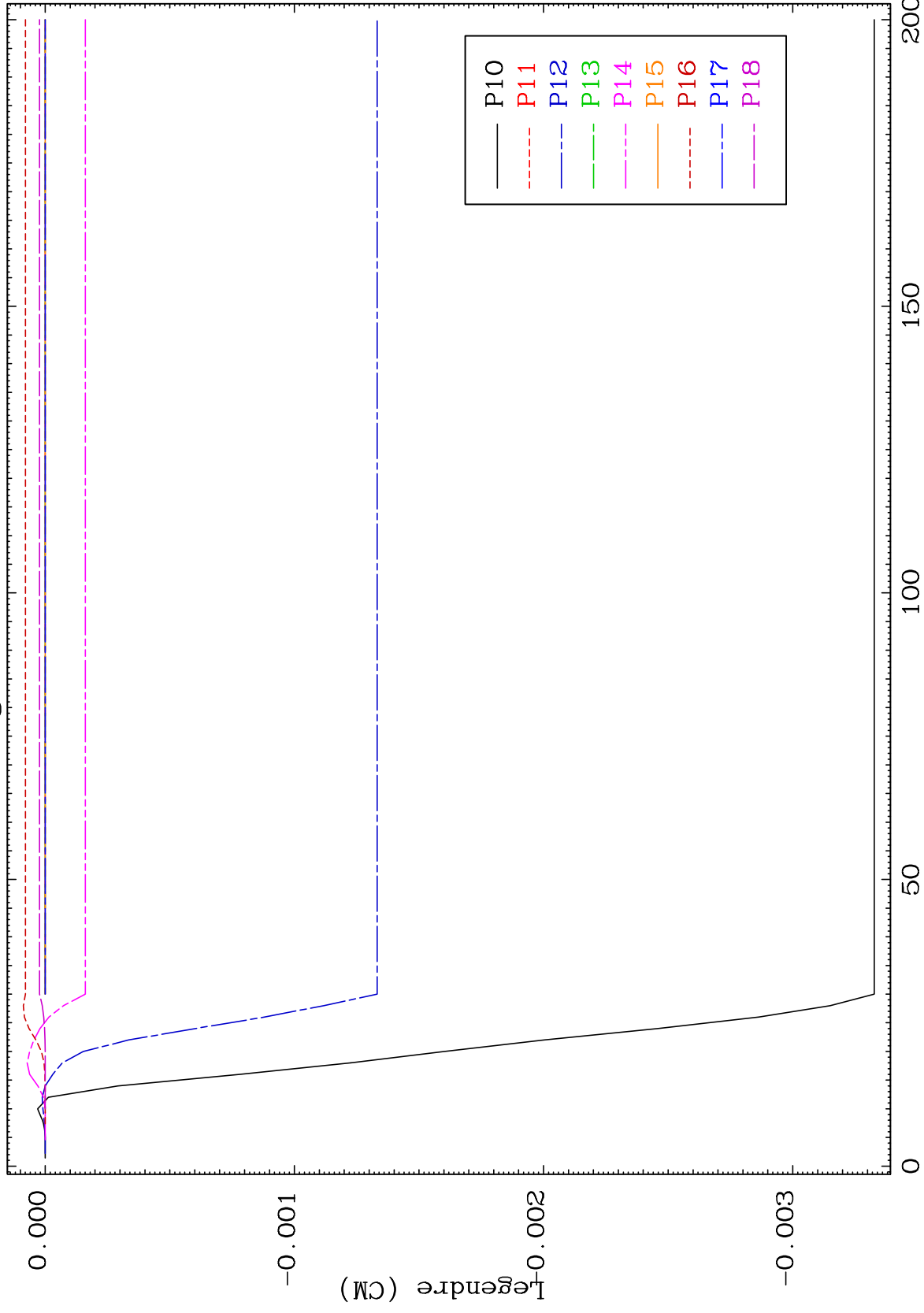
46-Pd-109

MAT 4646

MT= 55 (n,n') Level

46-Pd-109

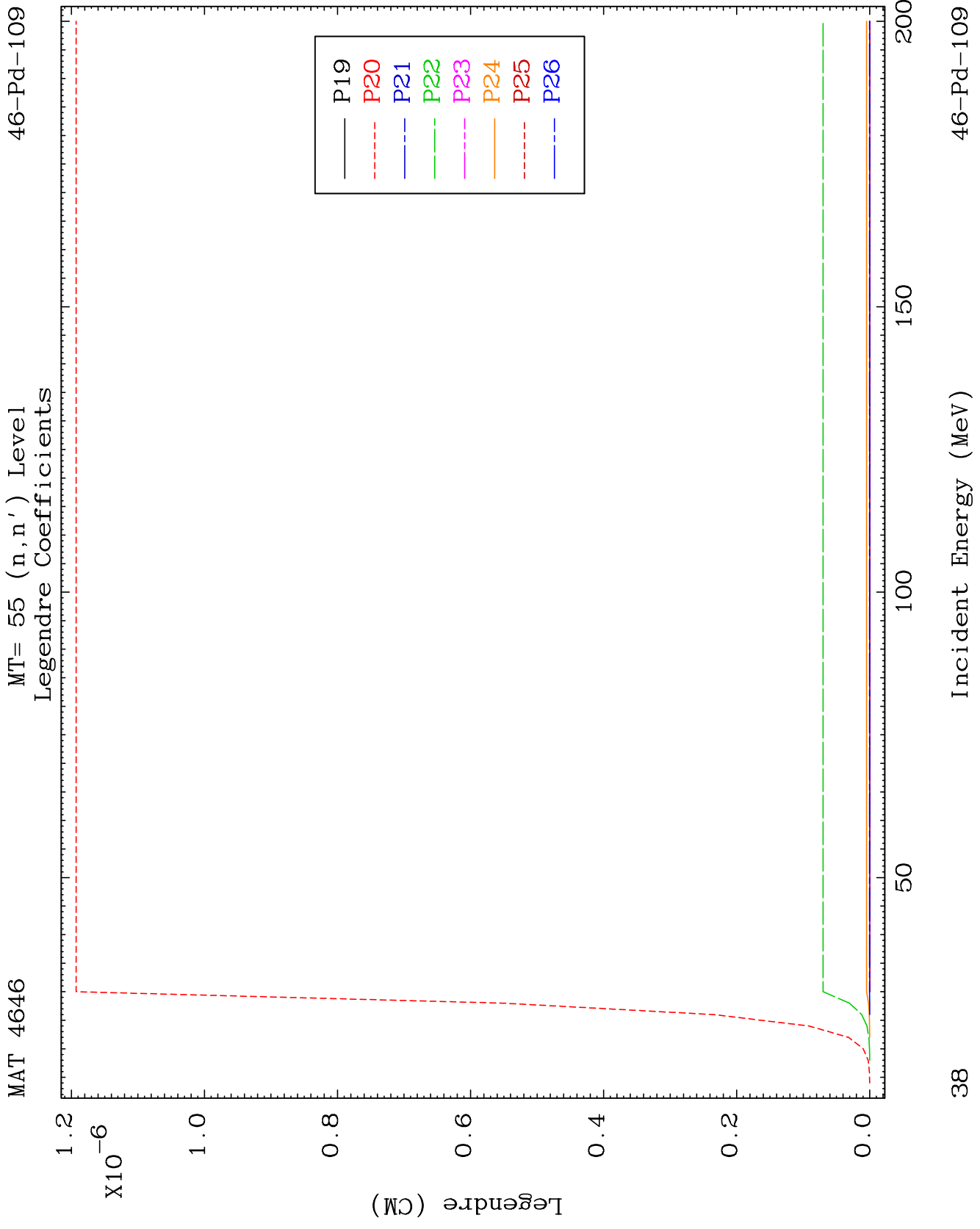
Legendre Coefficients



37

Incident Energy (MeV)

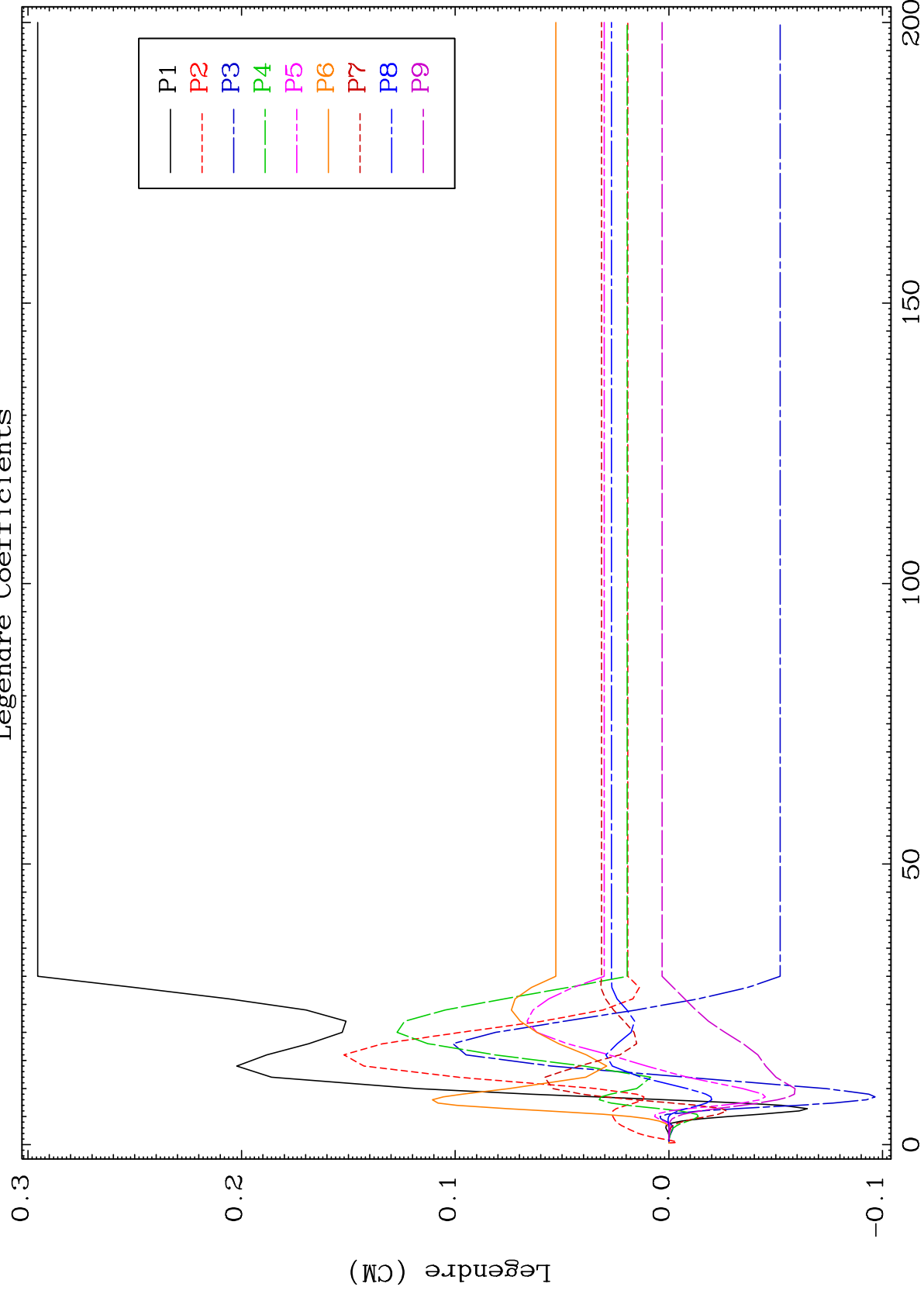
46-Pd-109



MAT 4646

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

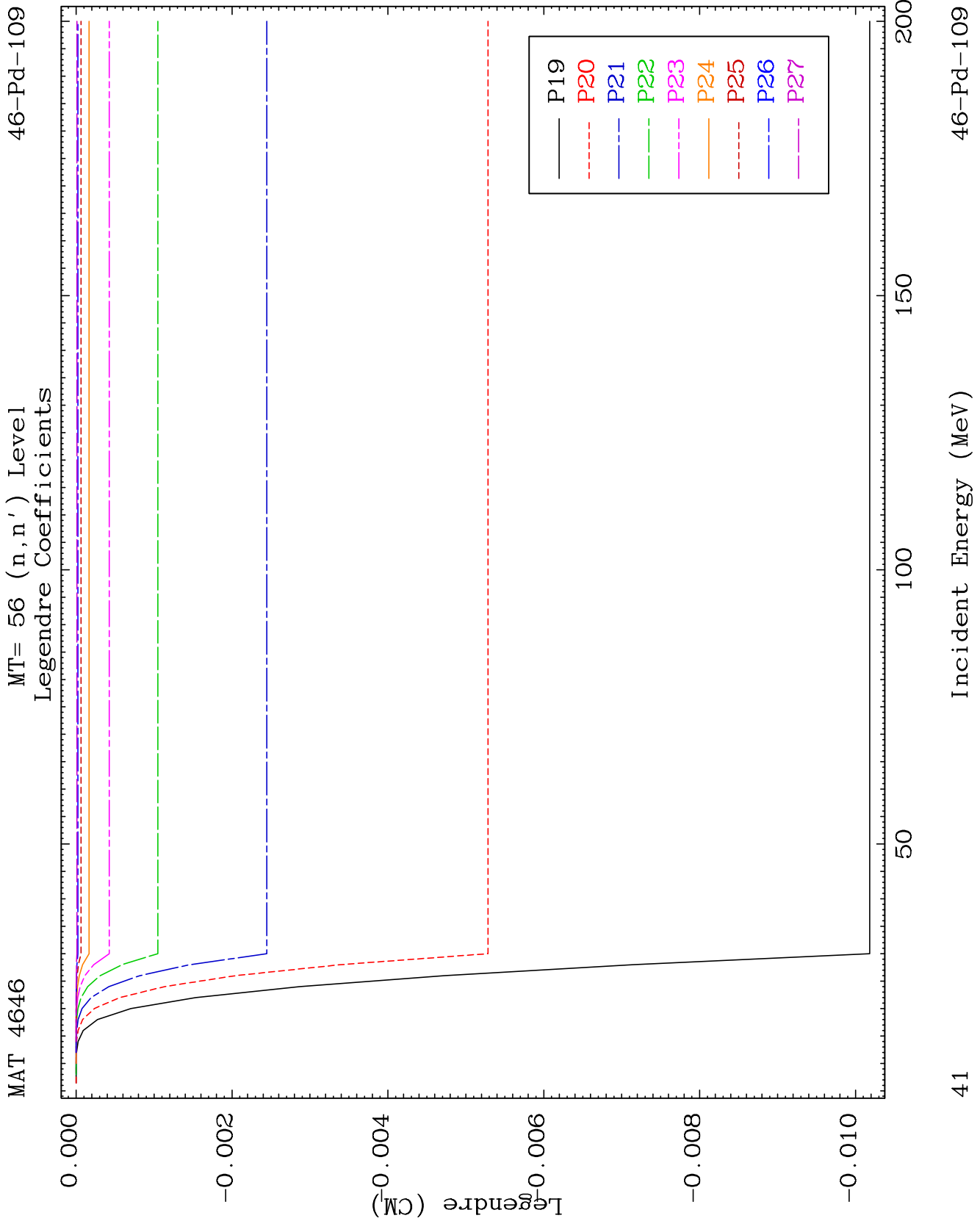
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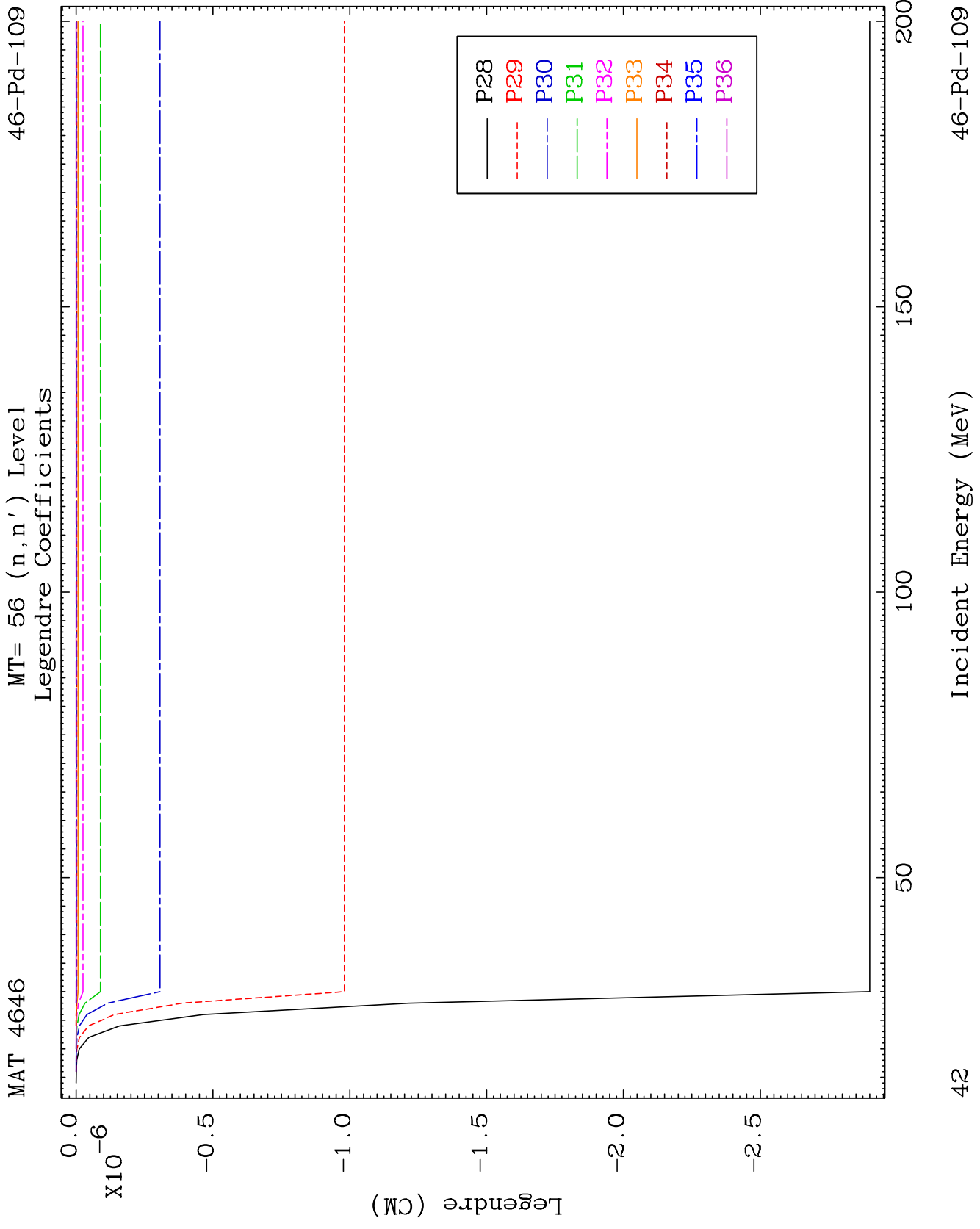


39

Incident Energy (MeV)

46-Pd-109

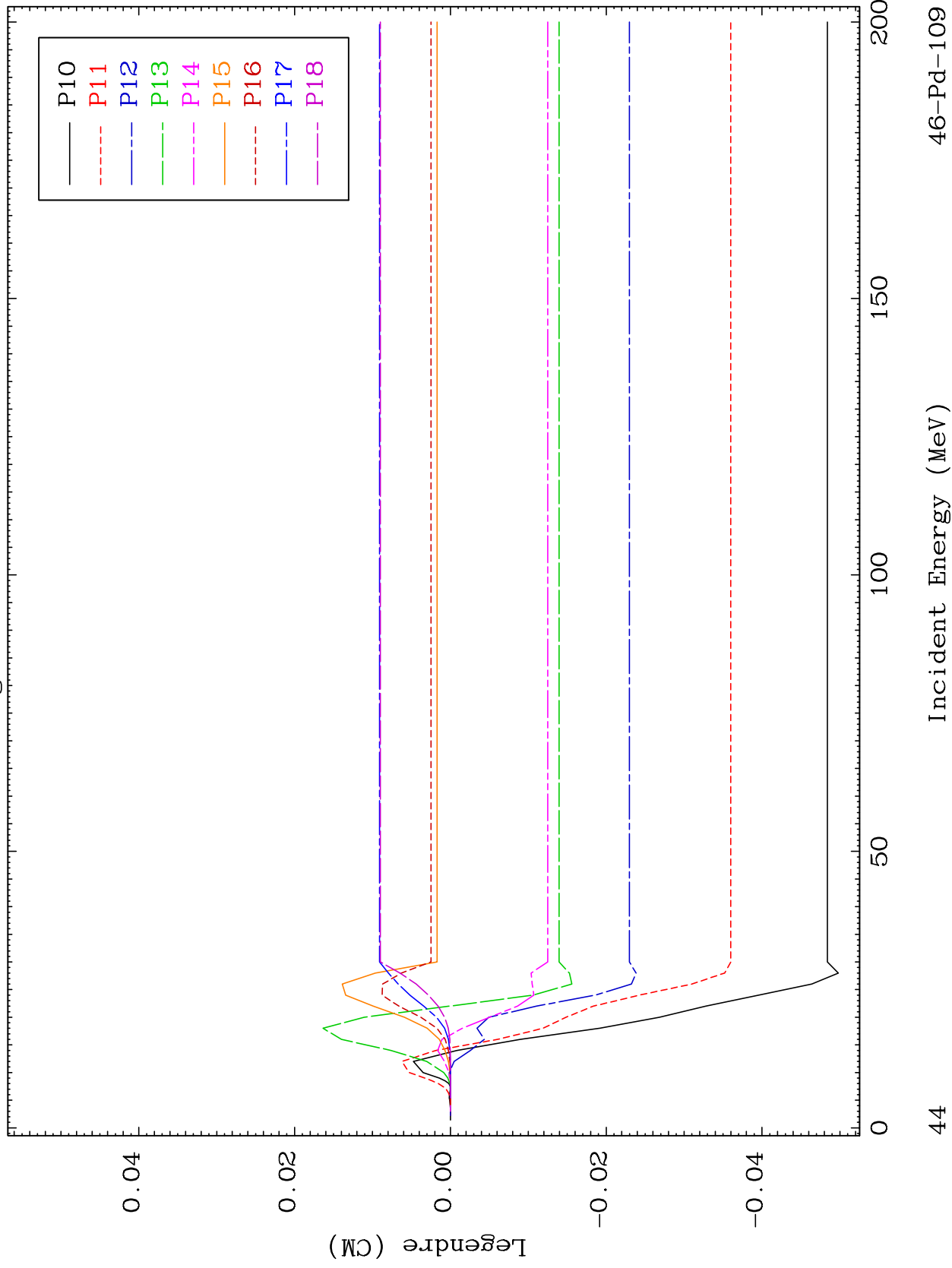




MAT 4646

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

46-Pd-109



44

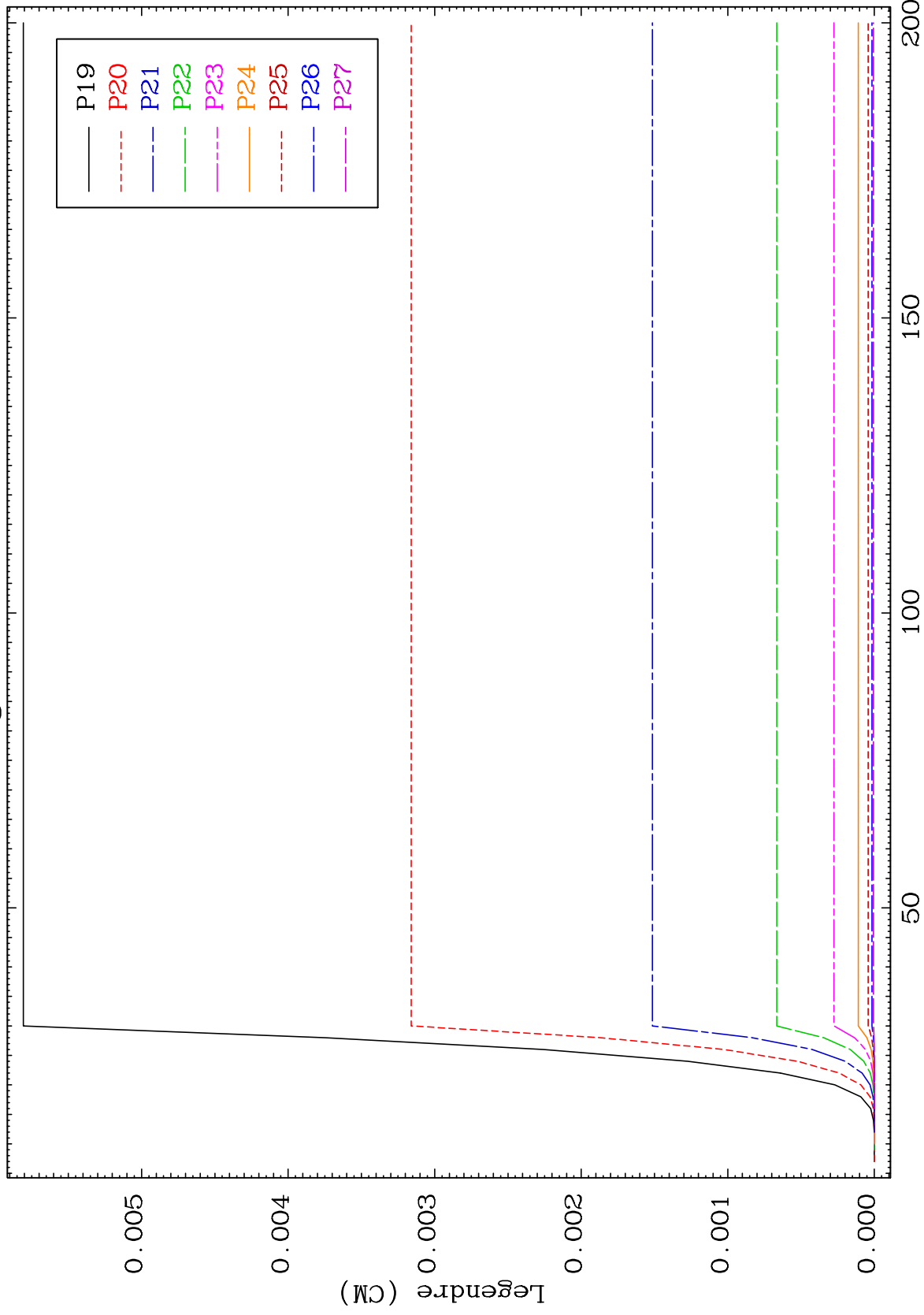
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



45

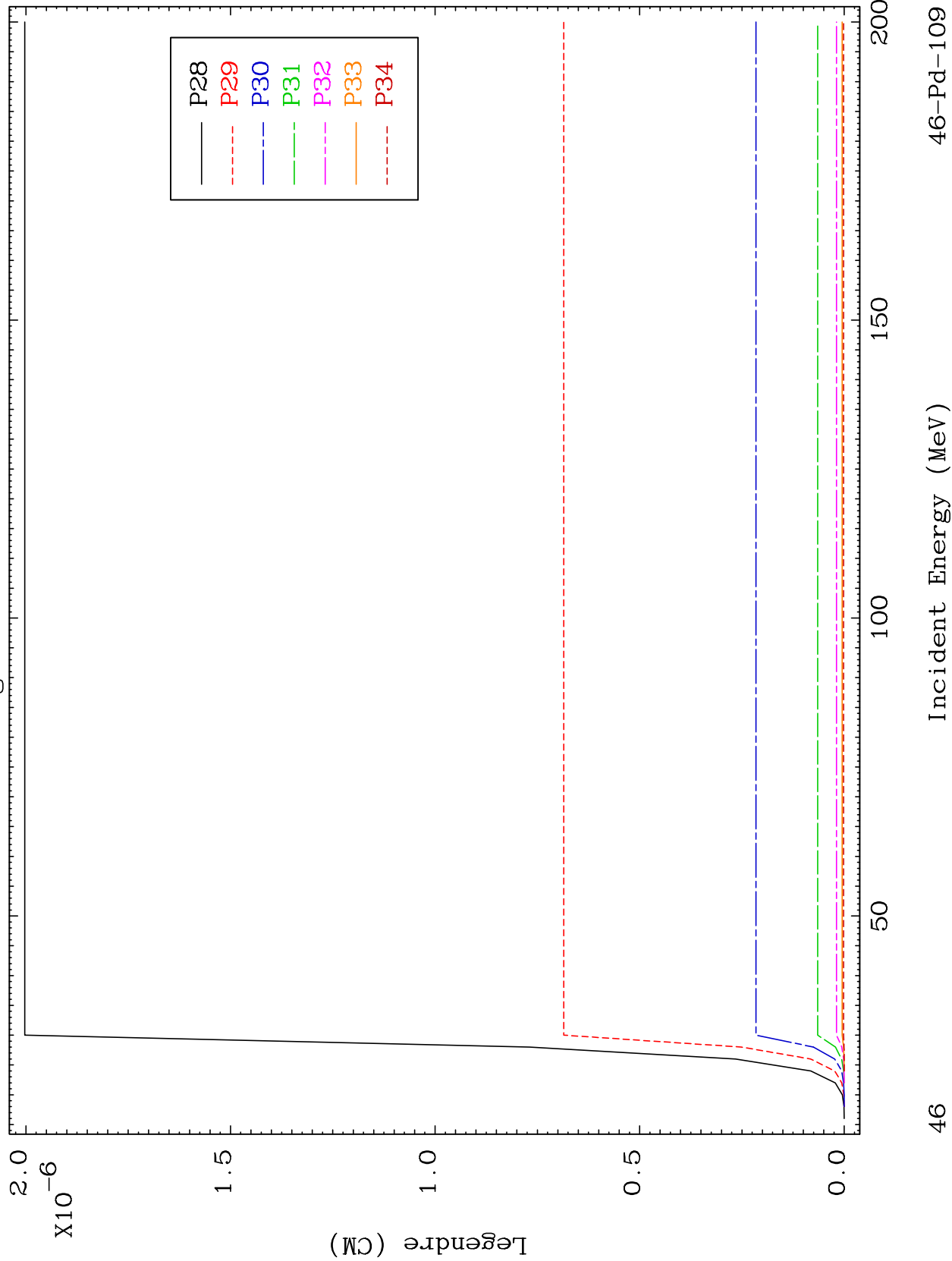
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



46

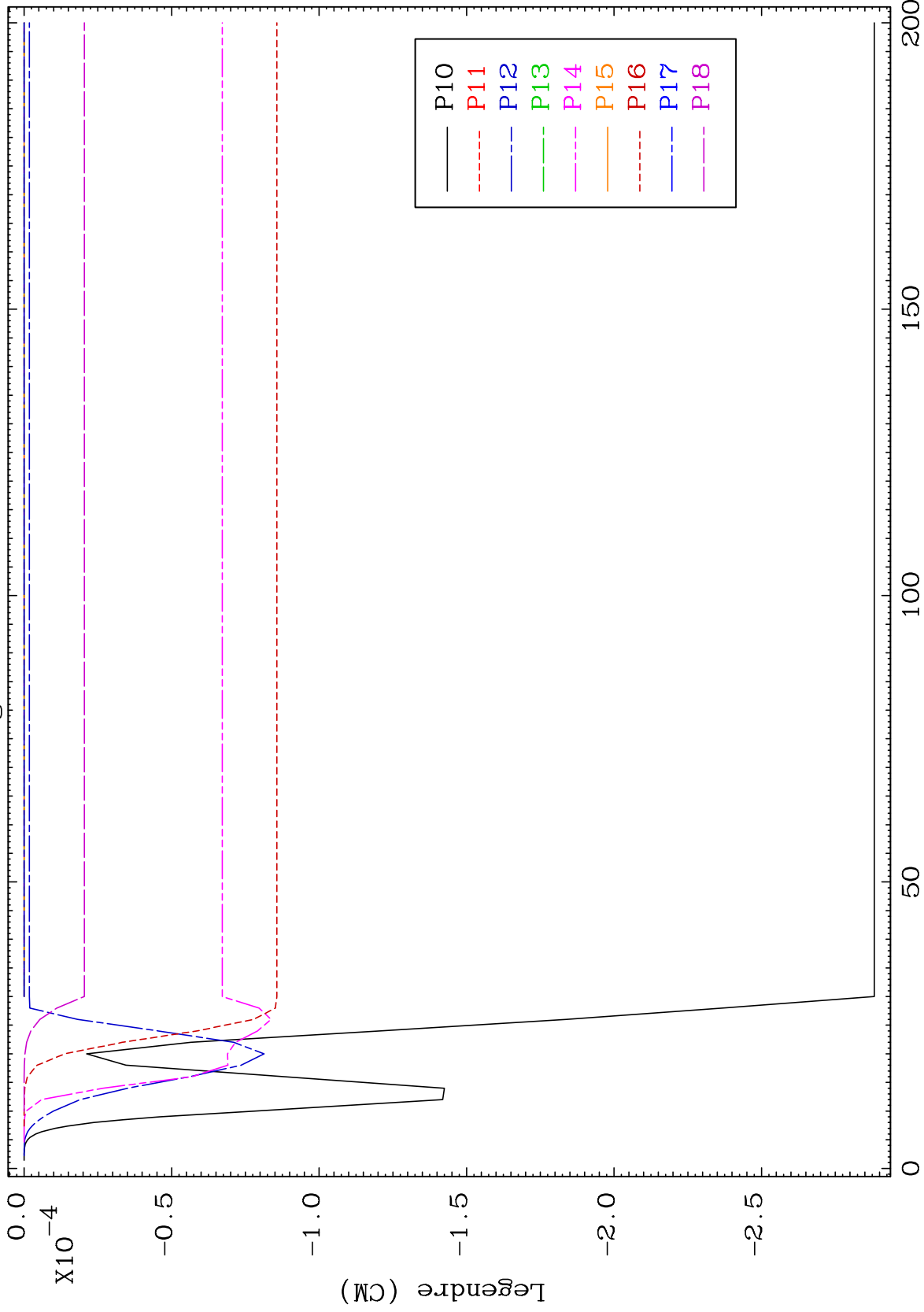
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



48

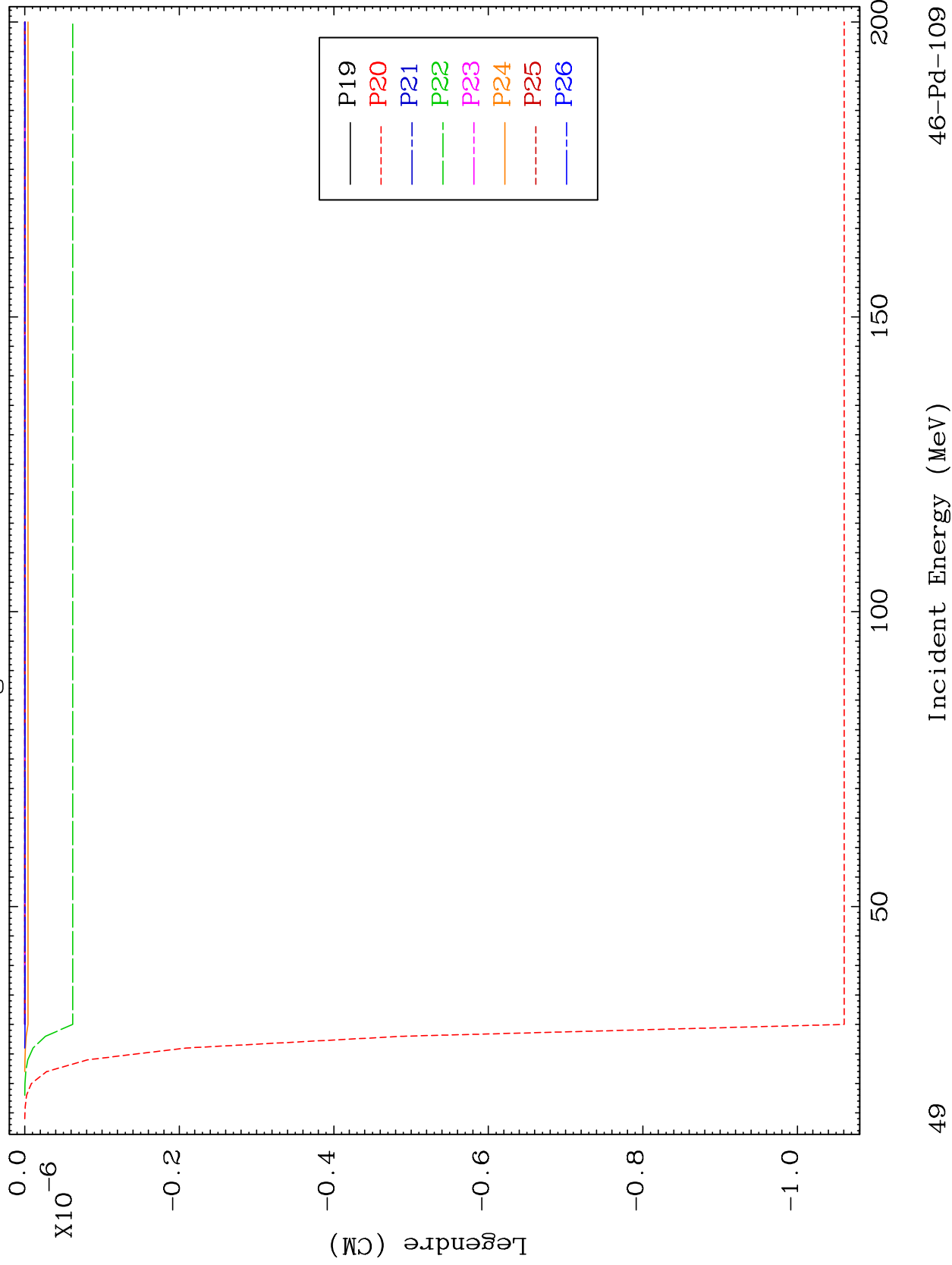
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

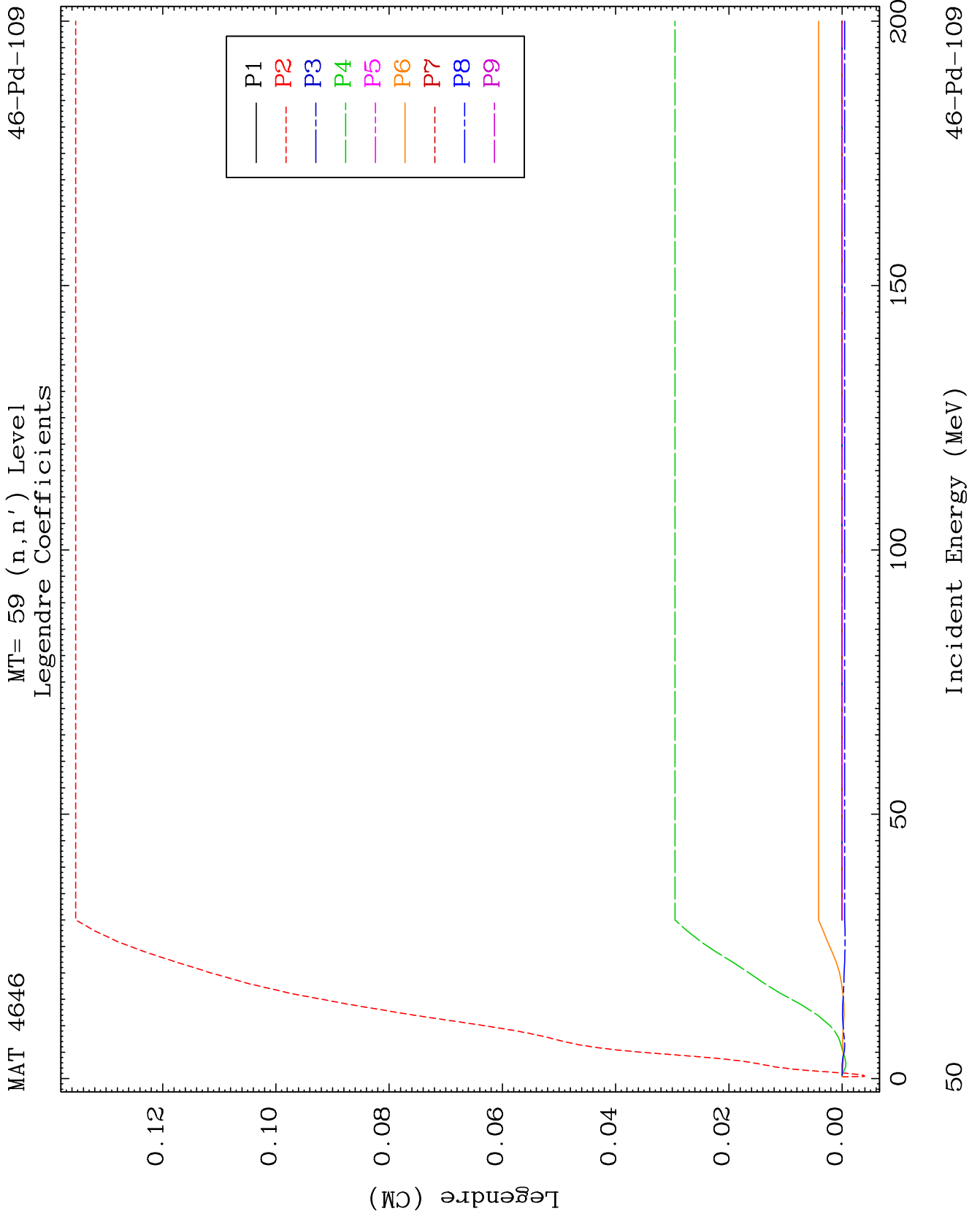
46-Pd-109



49

Incident Energy (MeV)

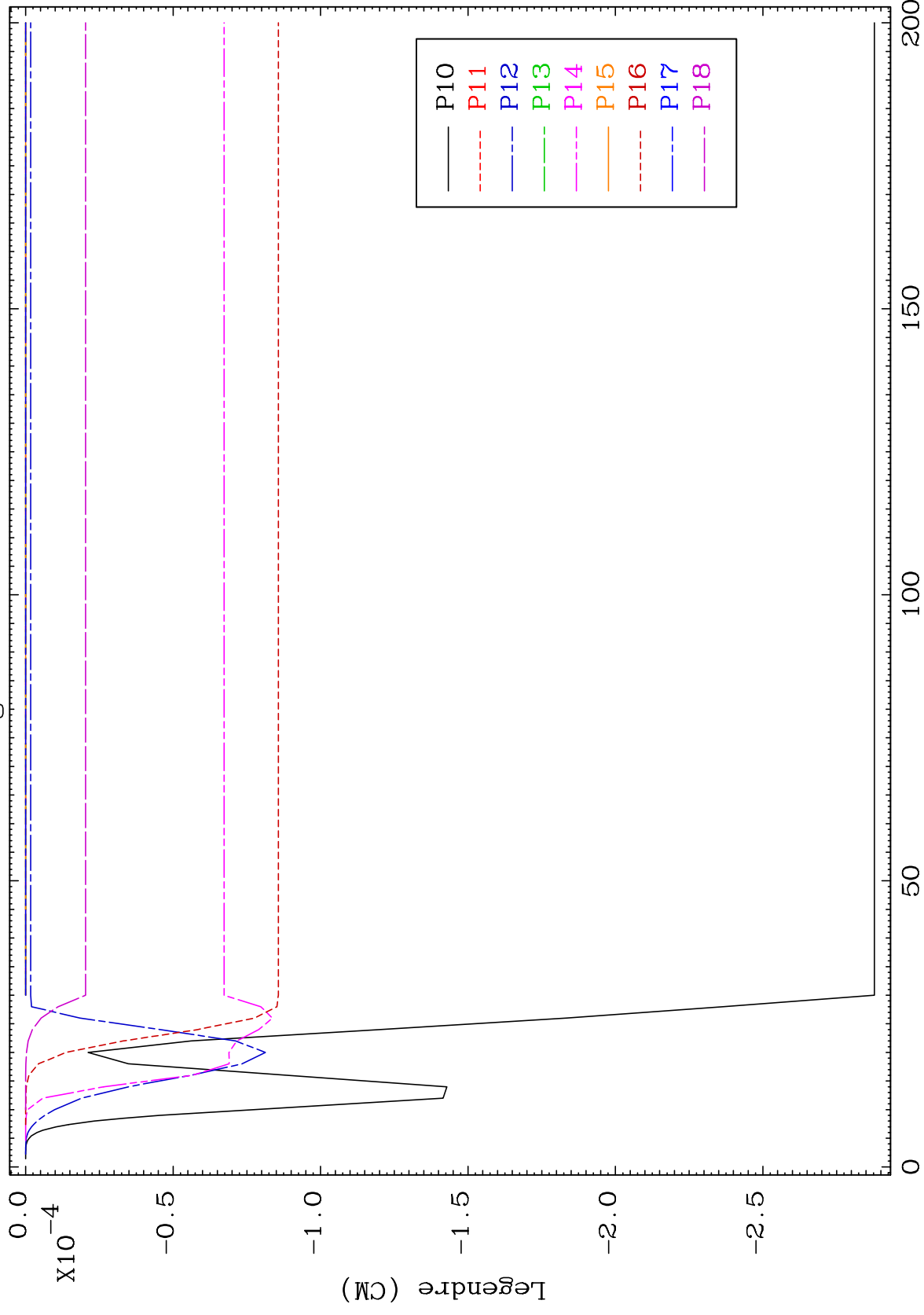
46-Pd-109



MAT 4646

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

46-Pd-109



51

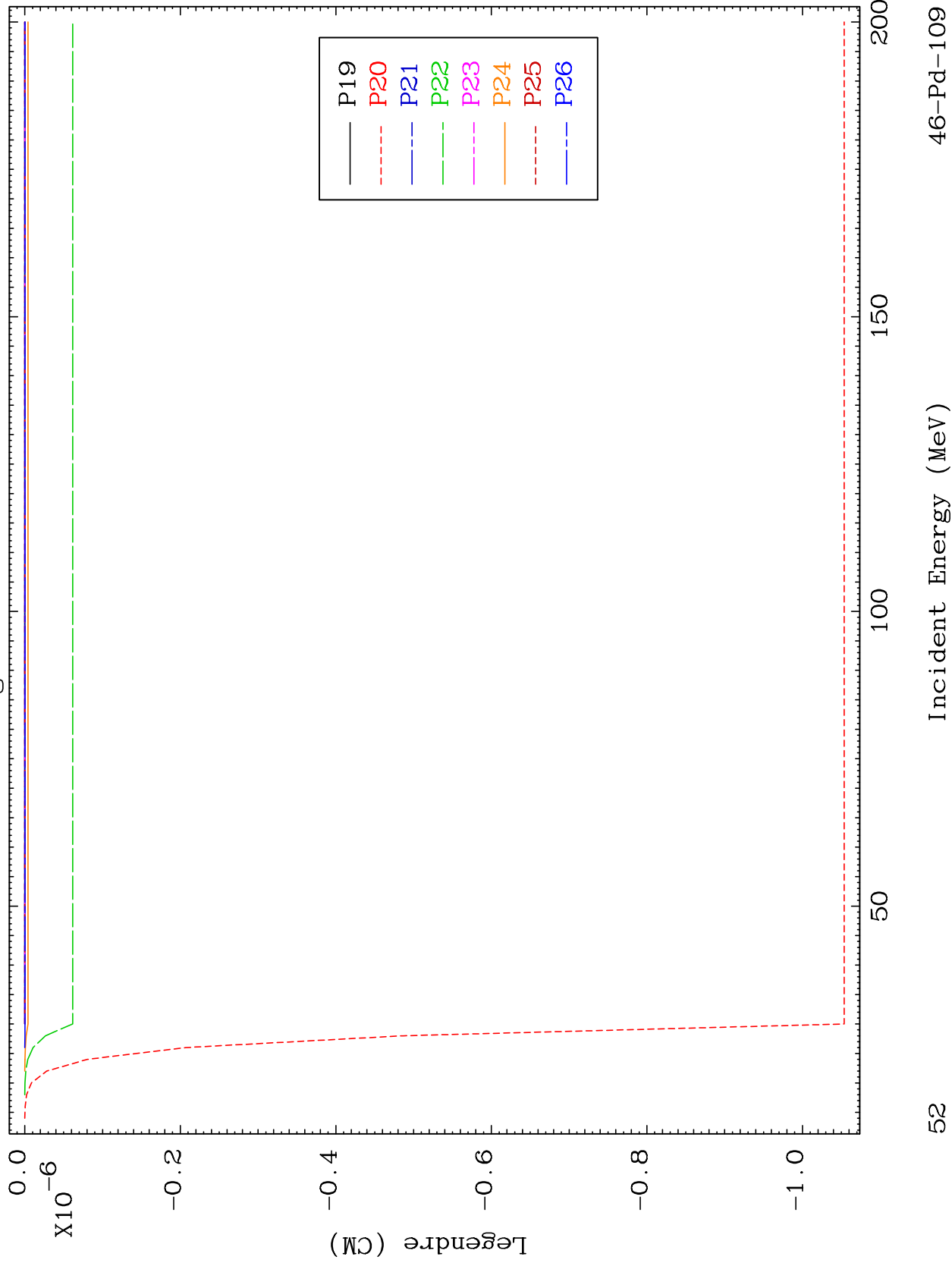
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

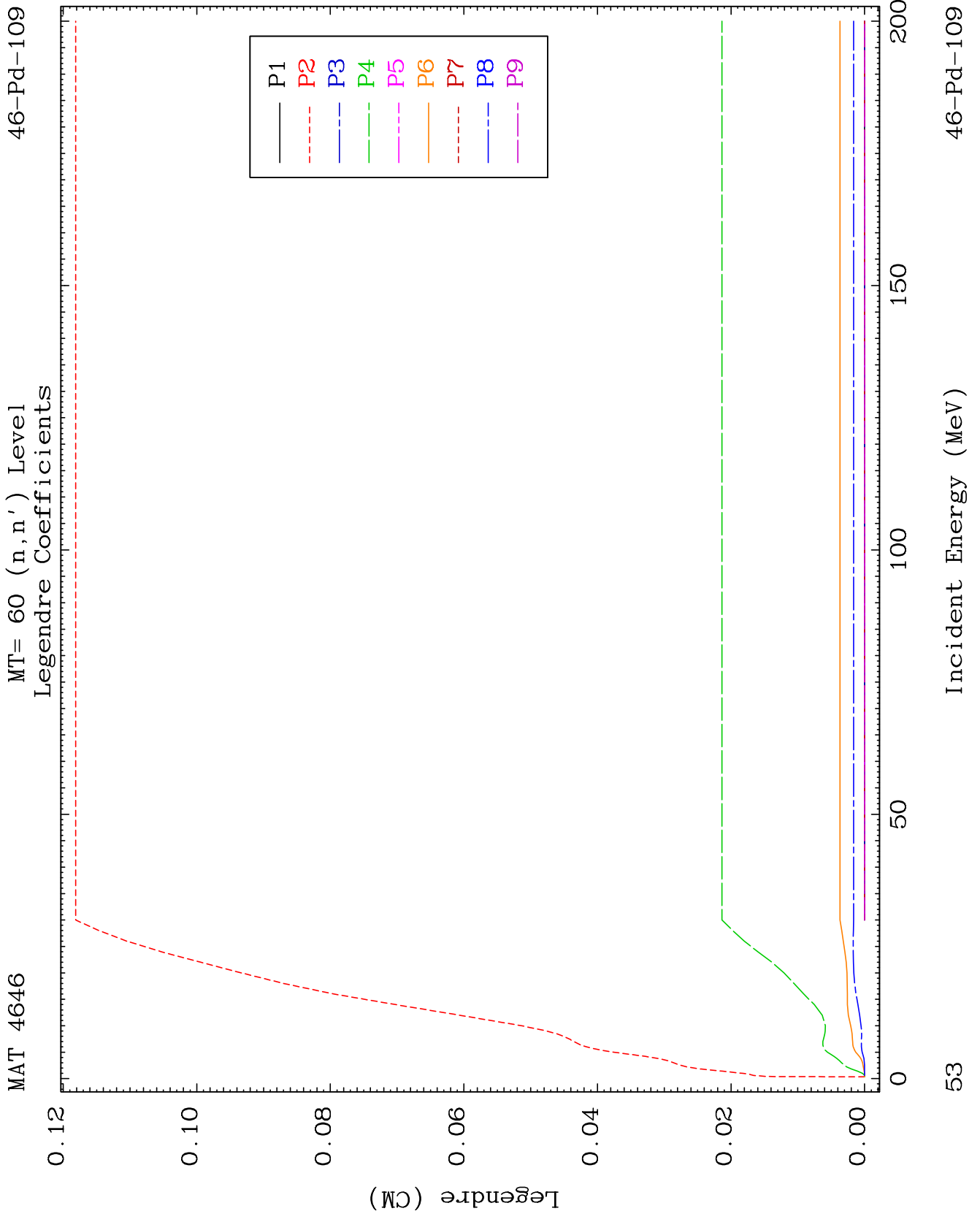
46-Pd-109



52

Incident Energy (MeV)

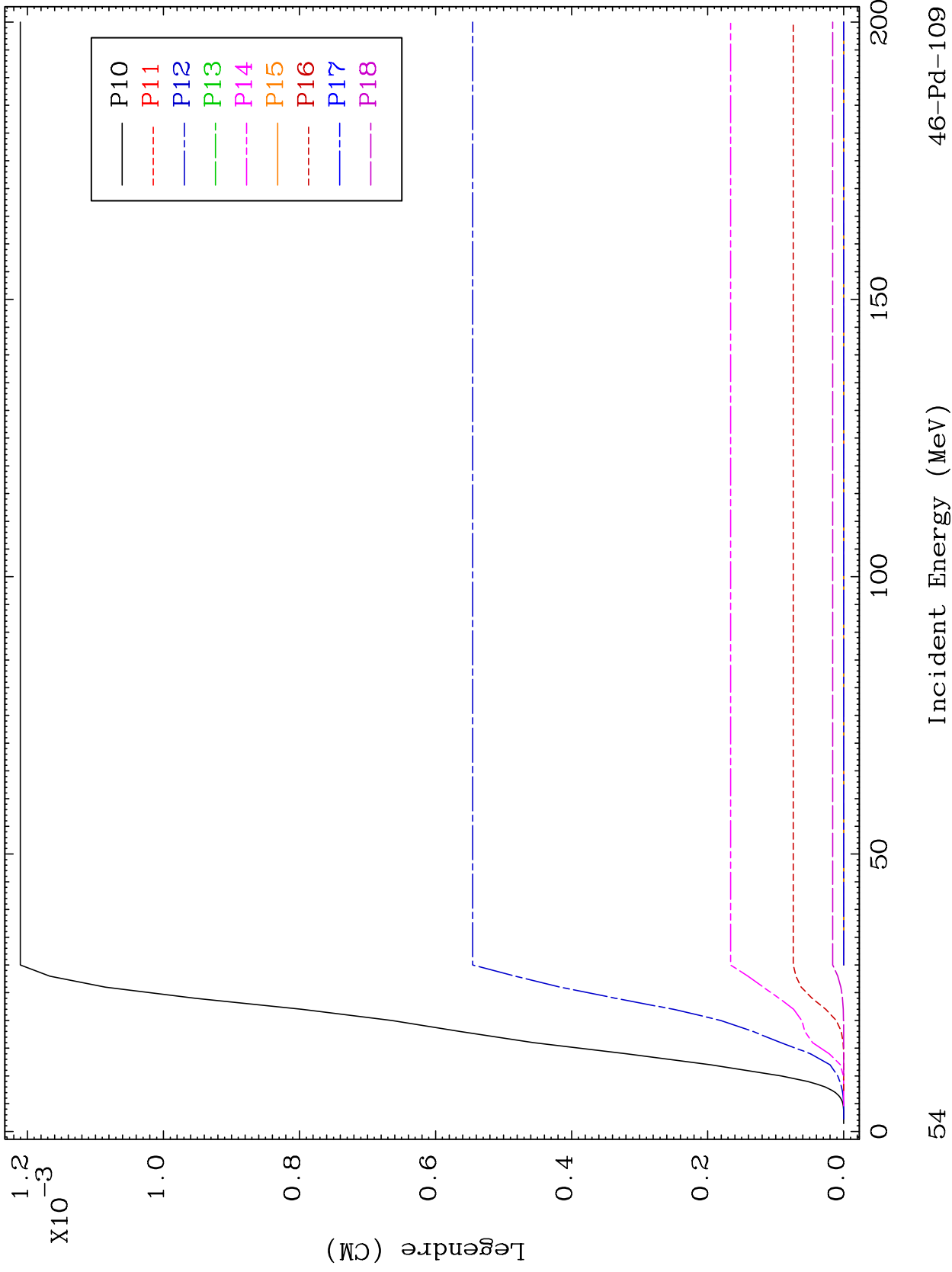
46-Pd-109



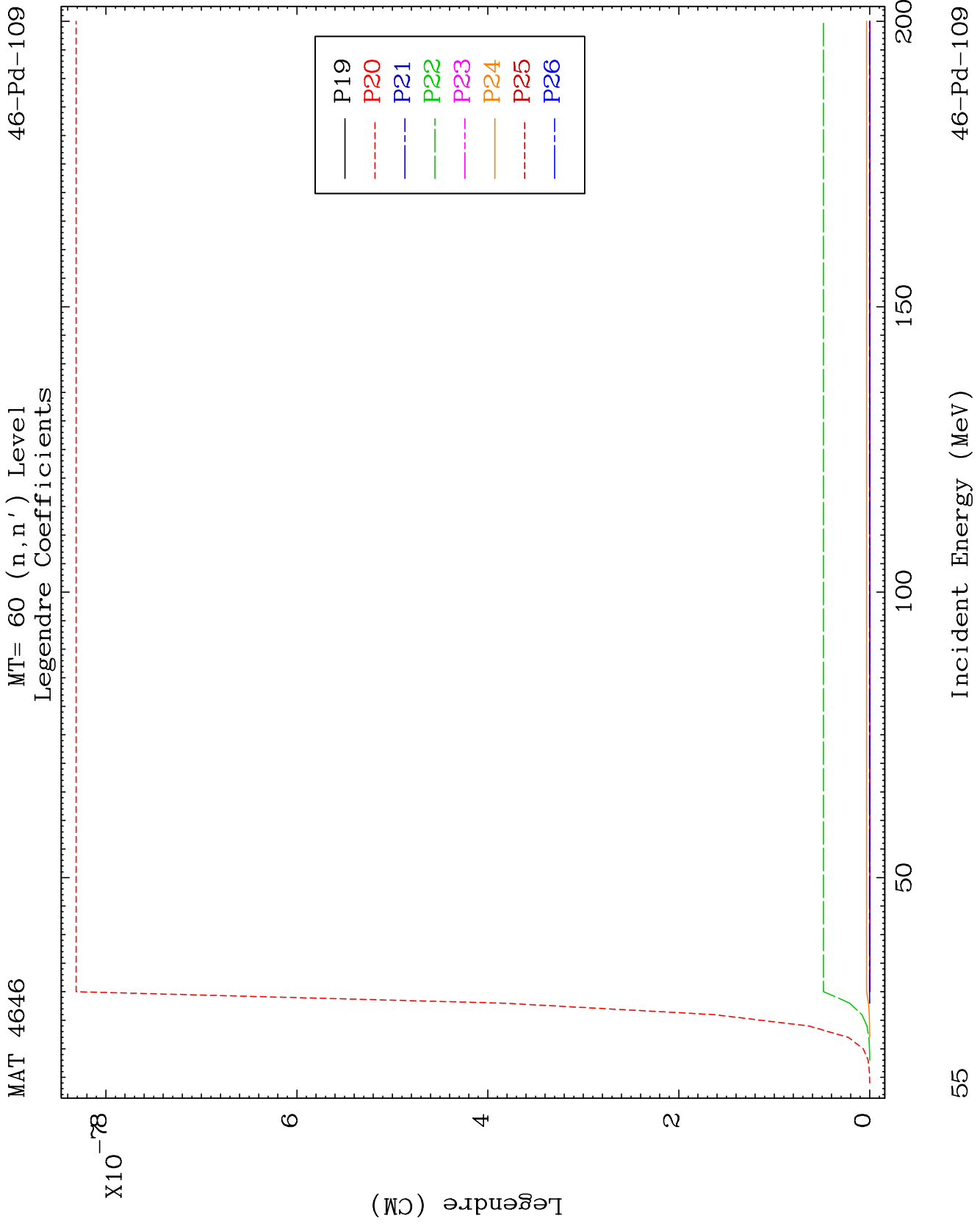
MAT 4646

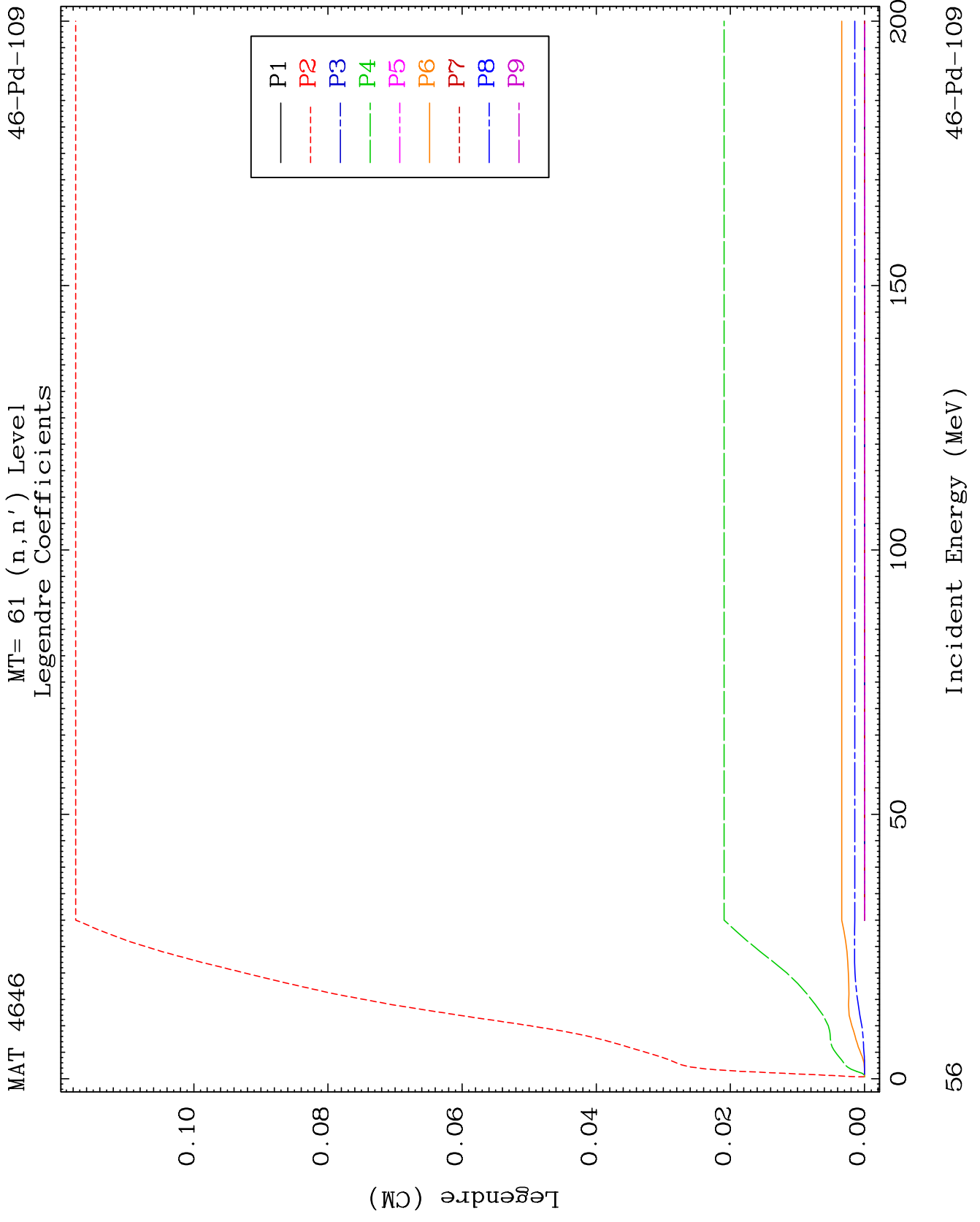
MT= 60 (n,n') Level
Legendre Coefficients

46-Pd-109



54

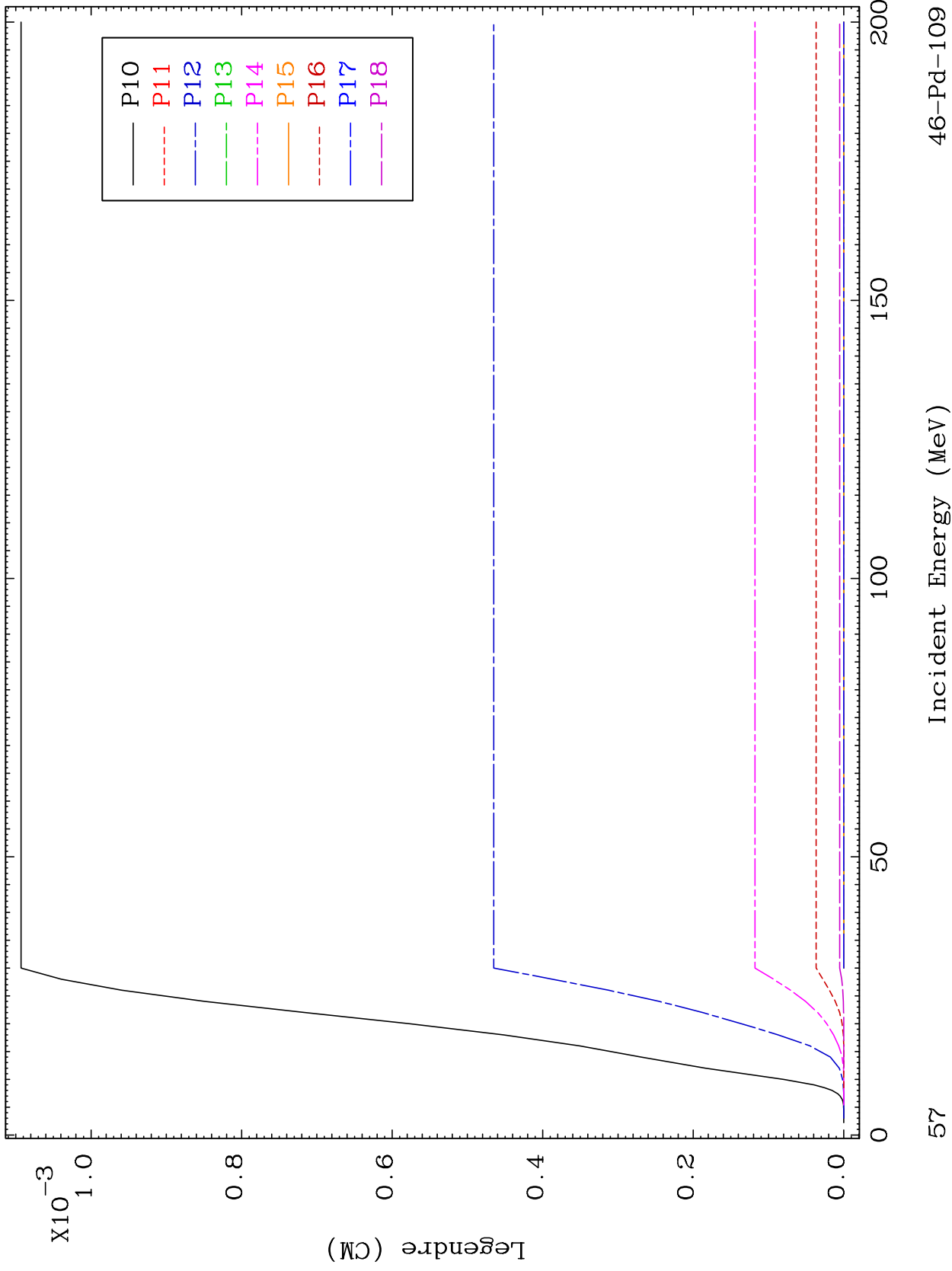




MAT 4646

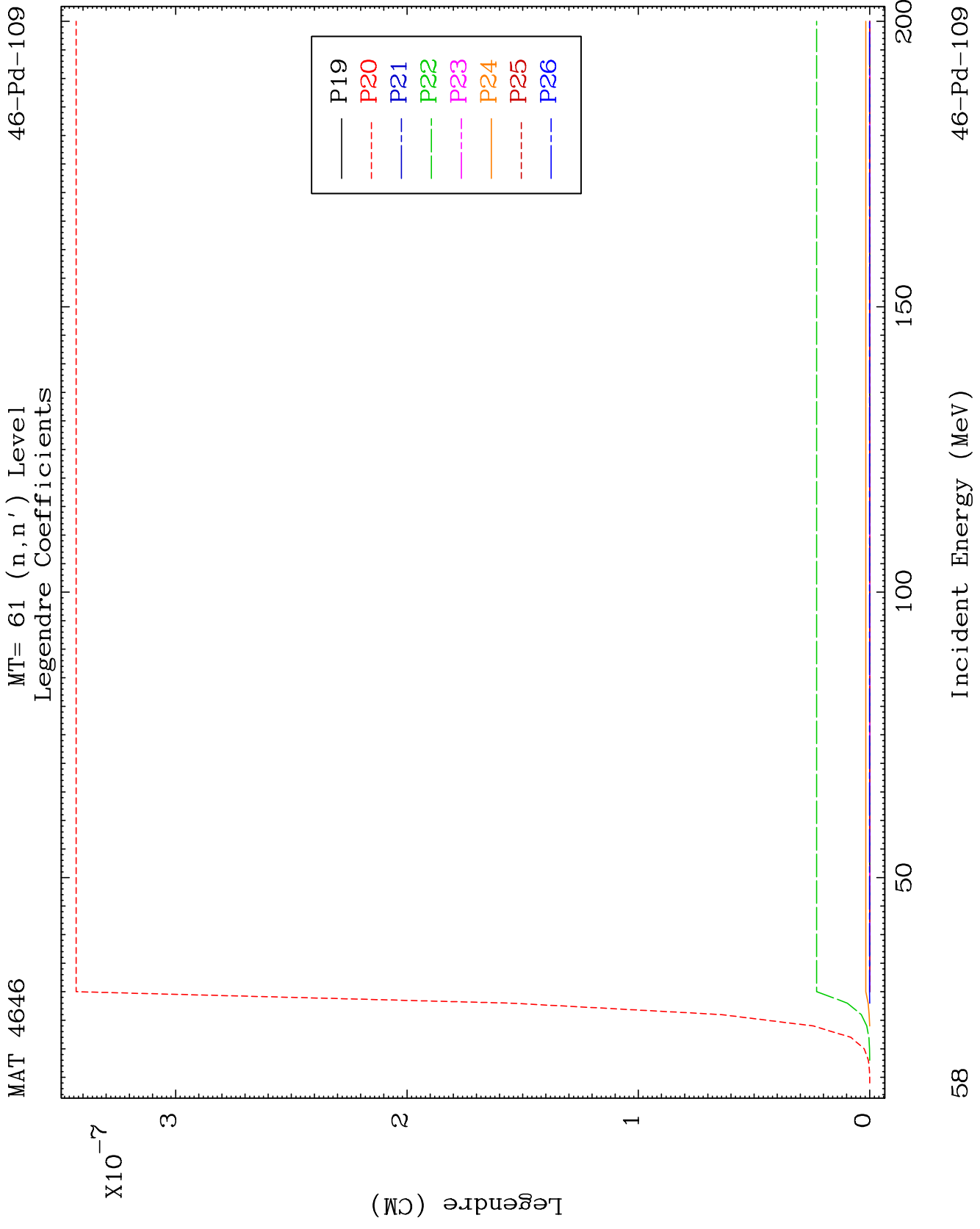
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Legendre Coefficients

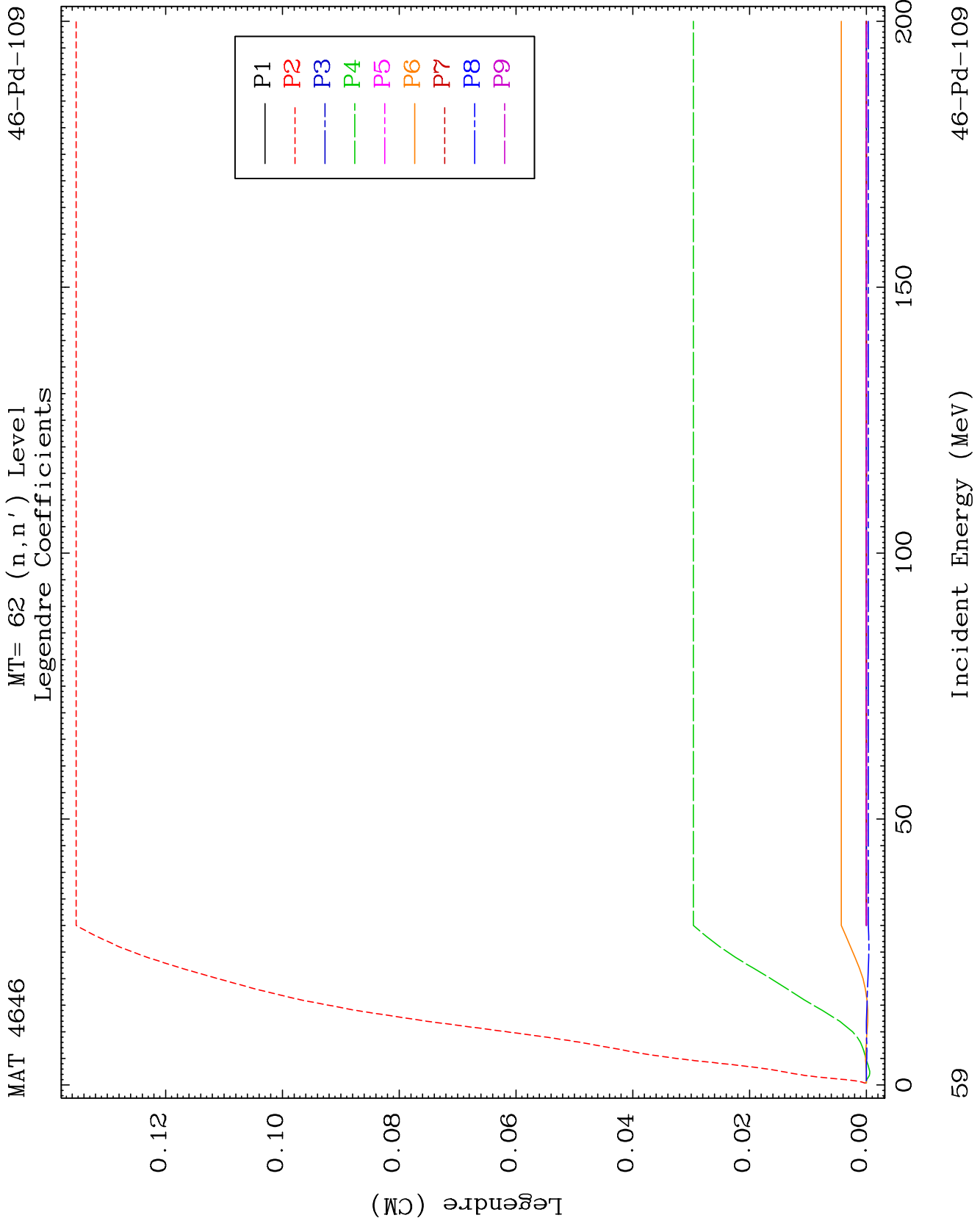
46-Pd-109



57

46-Pd-109

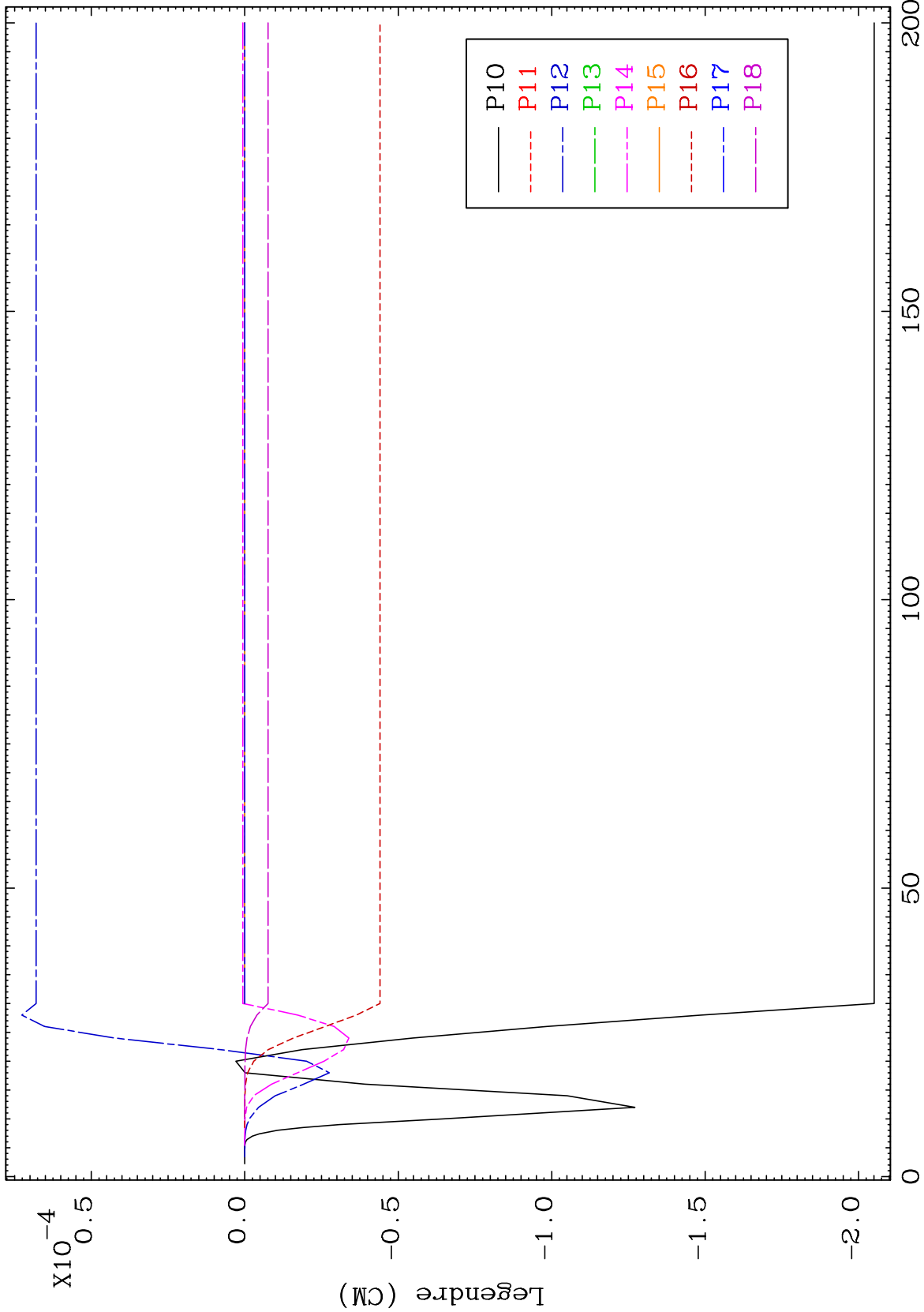




MAT 4646

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

46-Pd-109



60

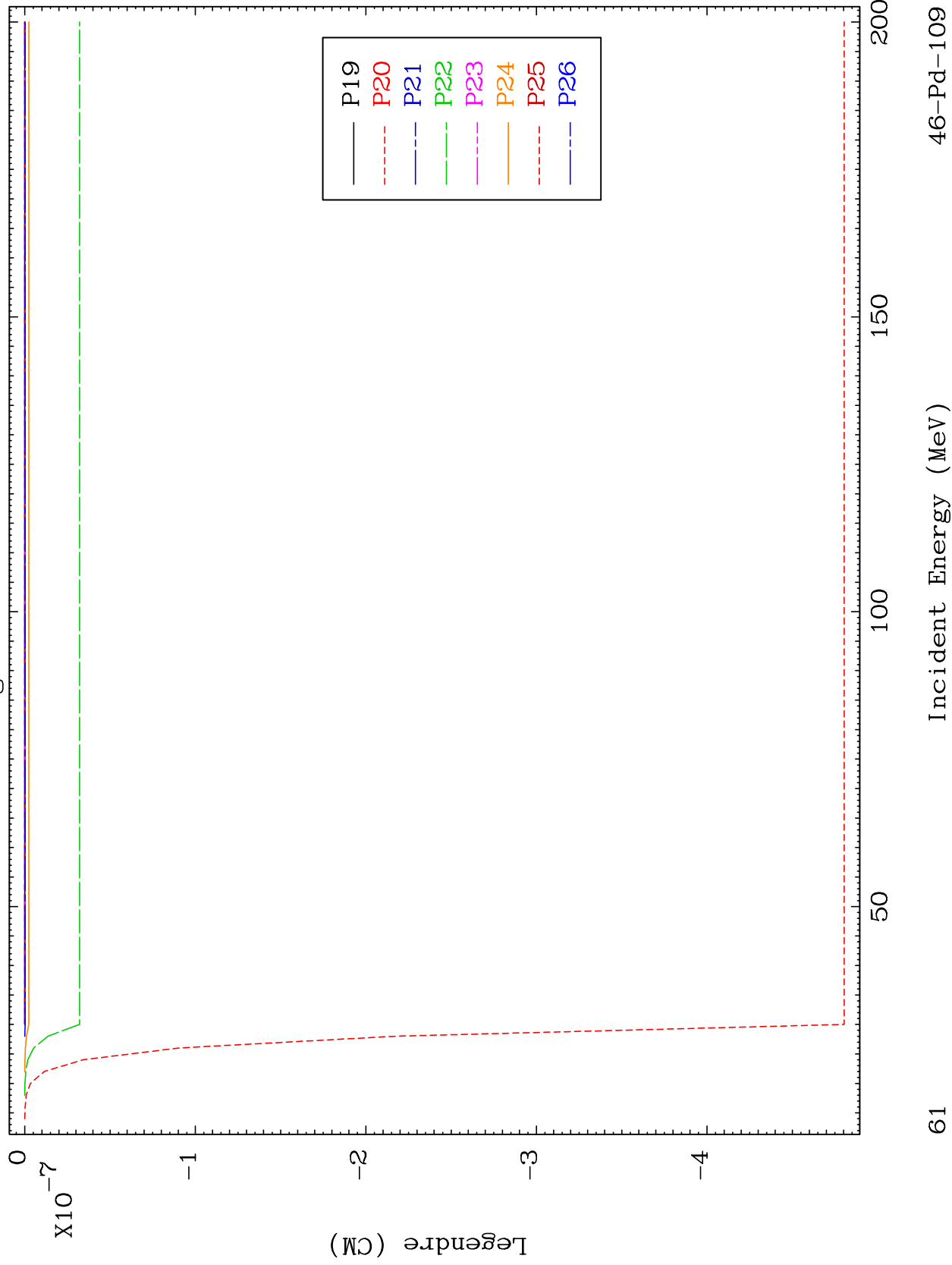
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



61

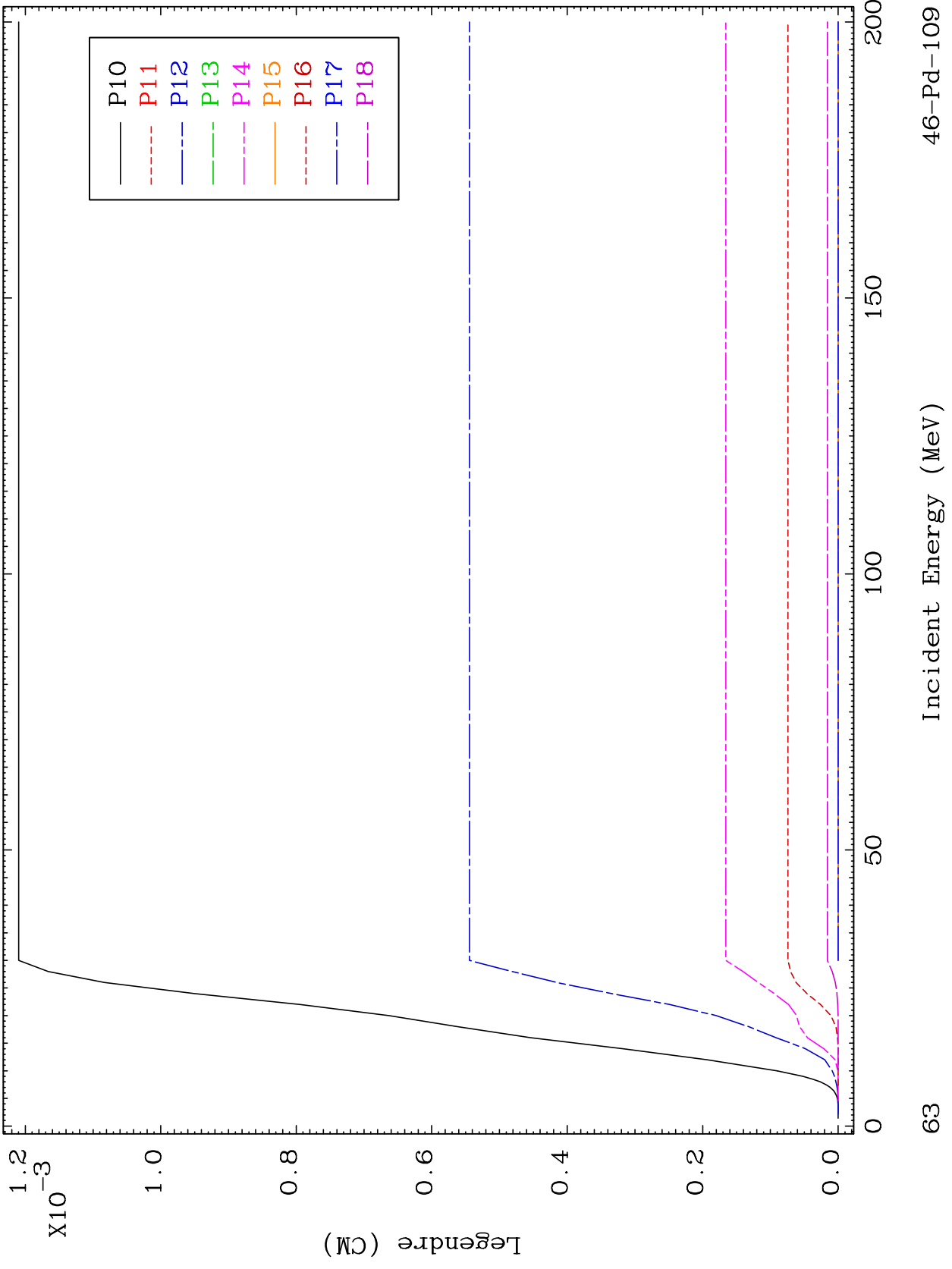
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



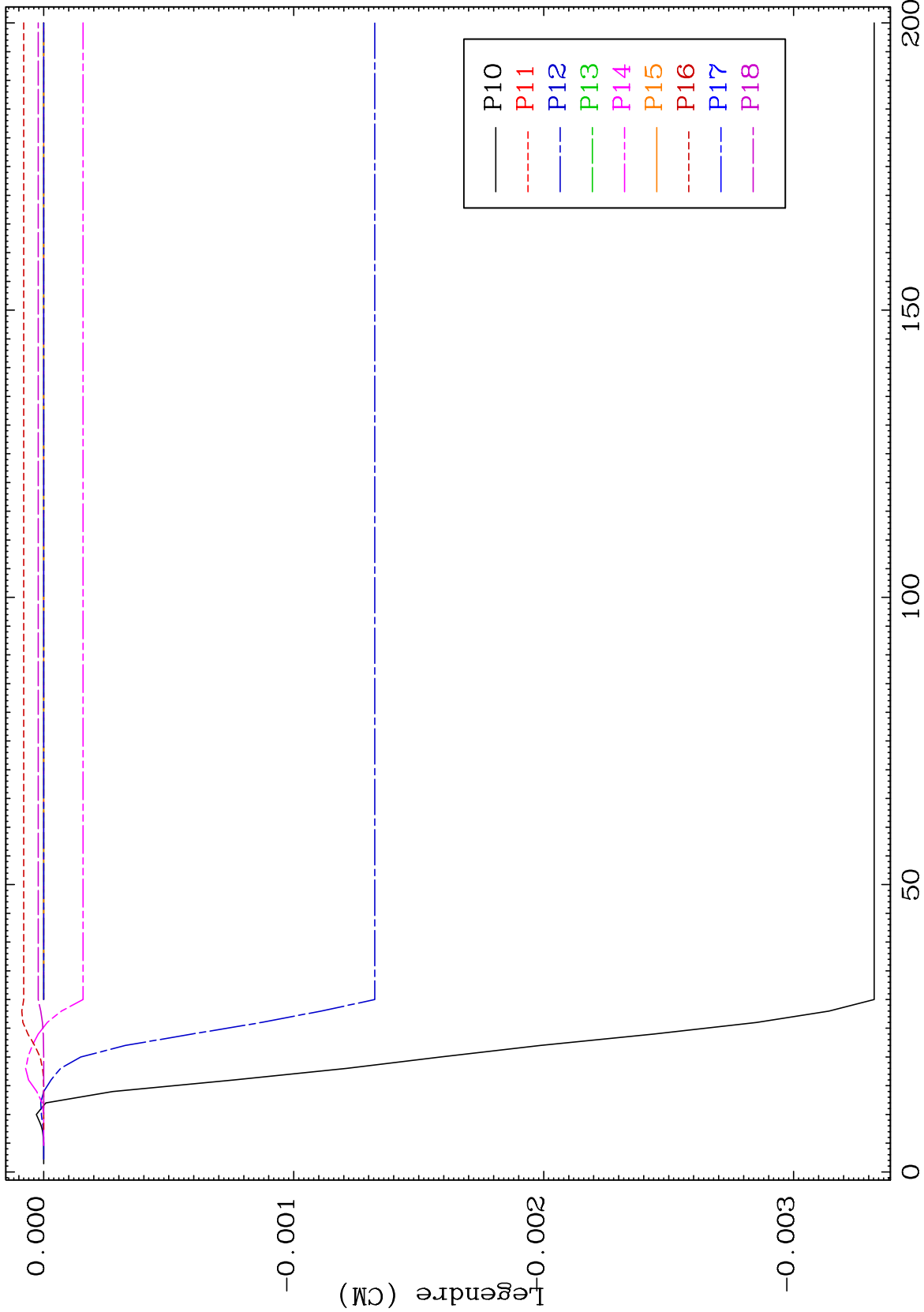


MAT 4646

MT= 64 (n,n') Level

46-Pd-109

Legendre Coefficients



66

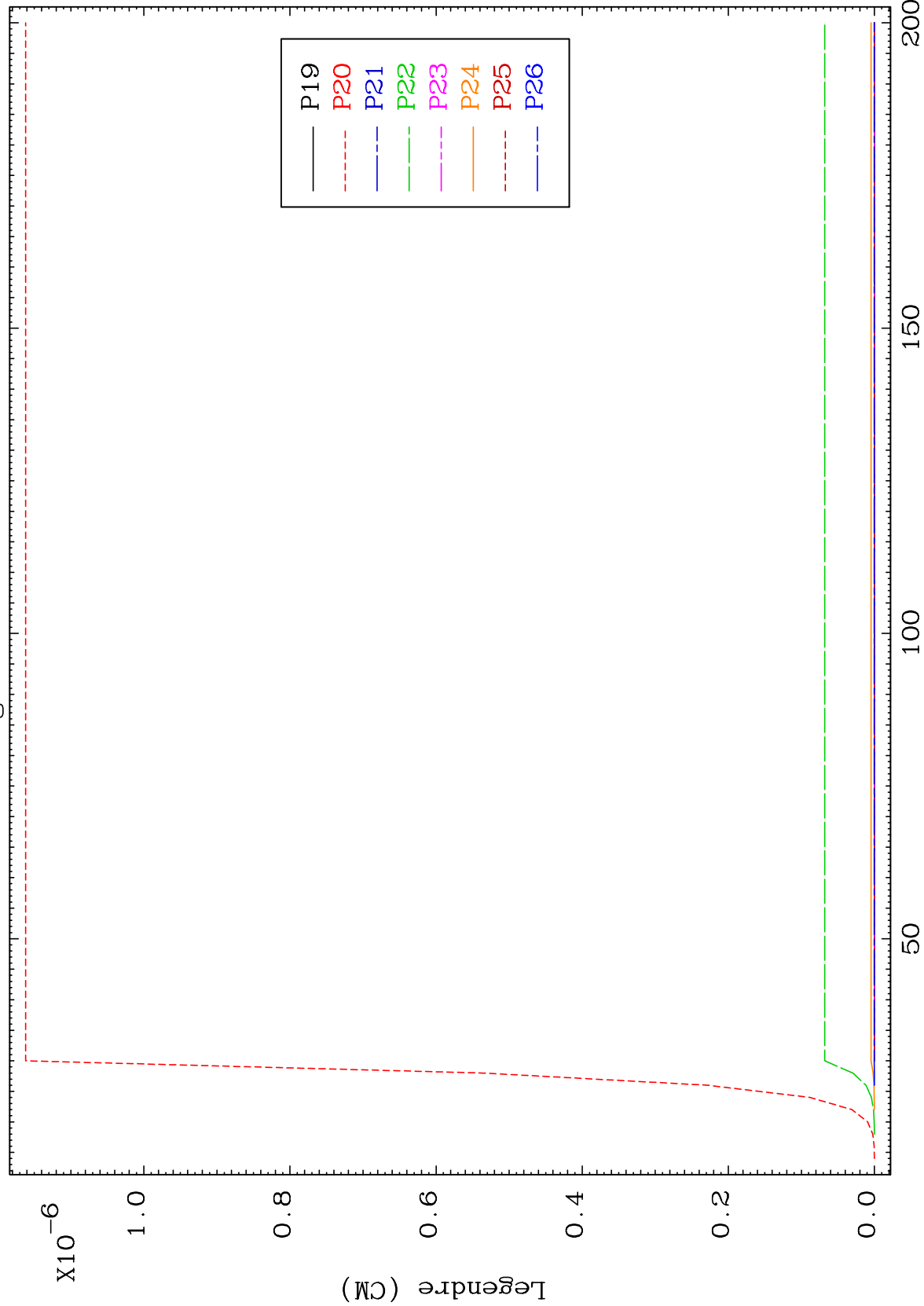
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



67

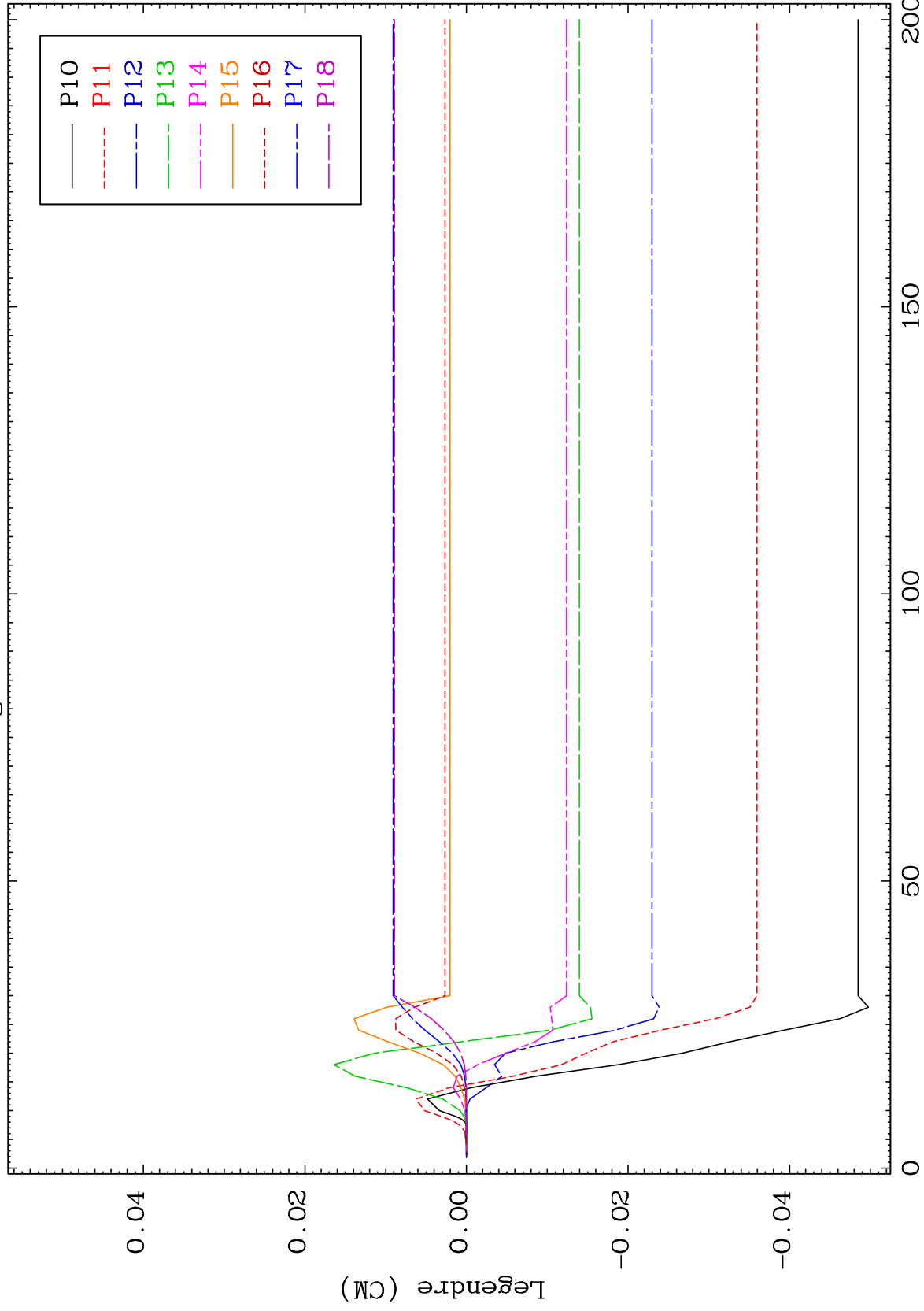
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



69

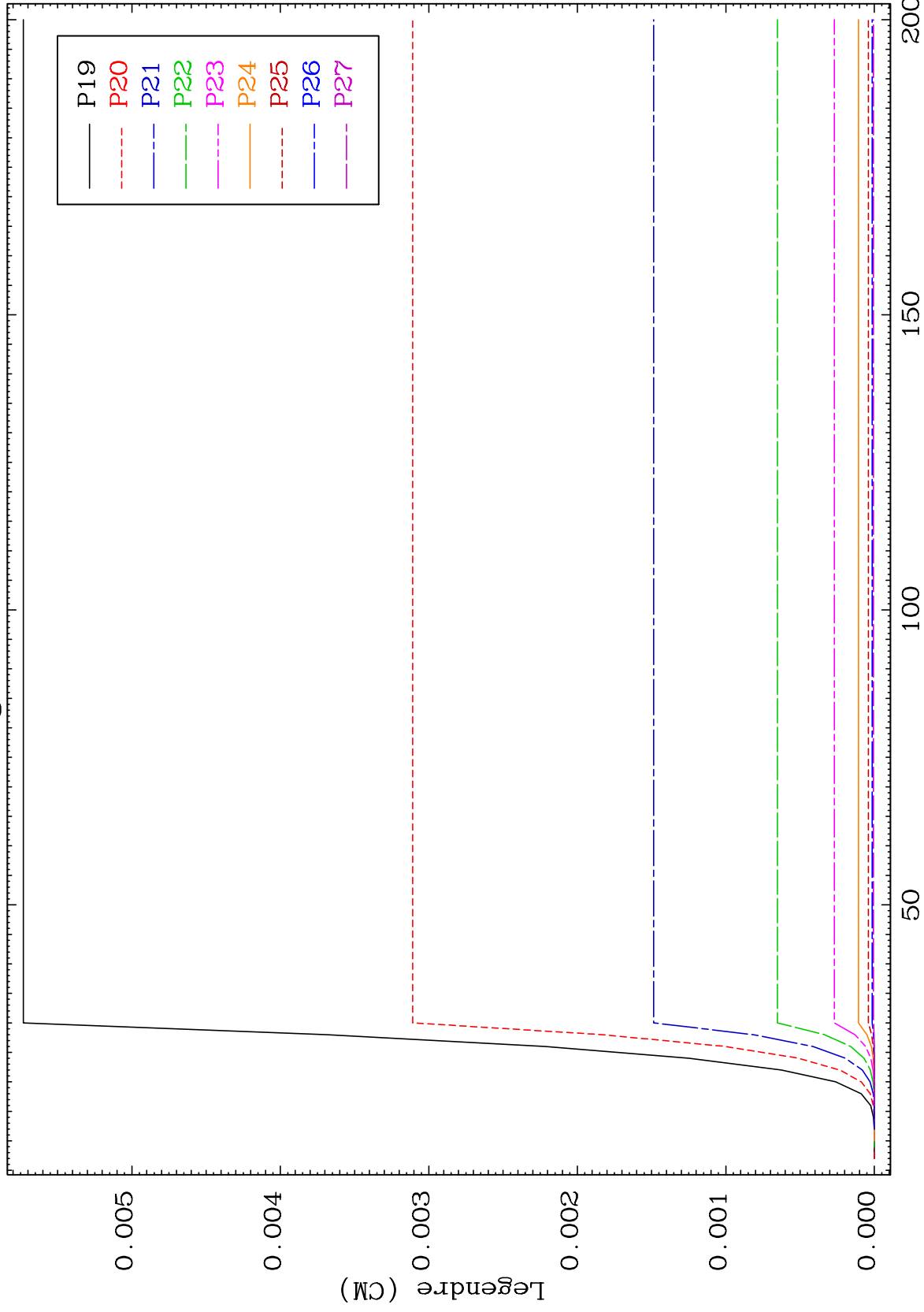
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



70

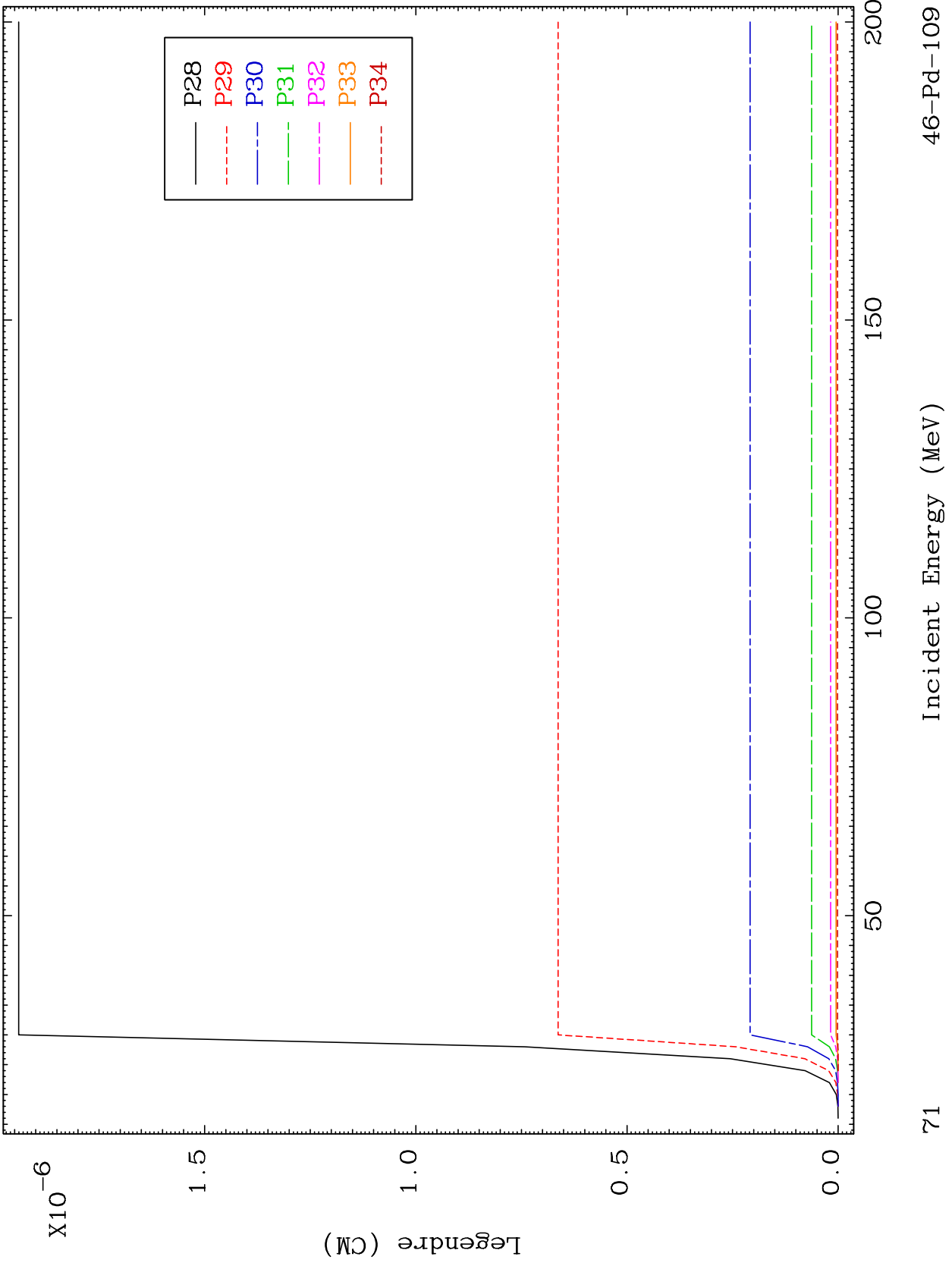
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



71

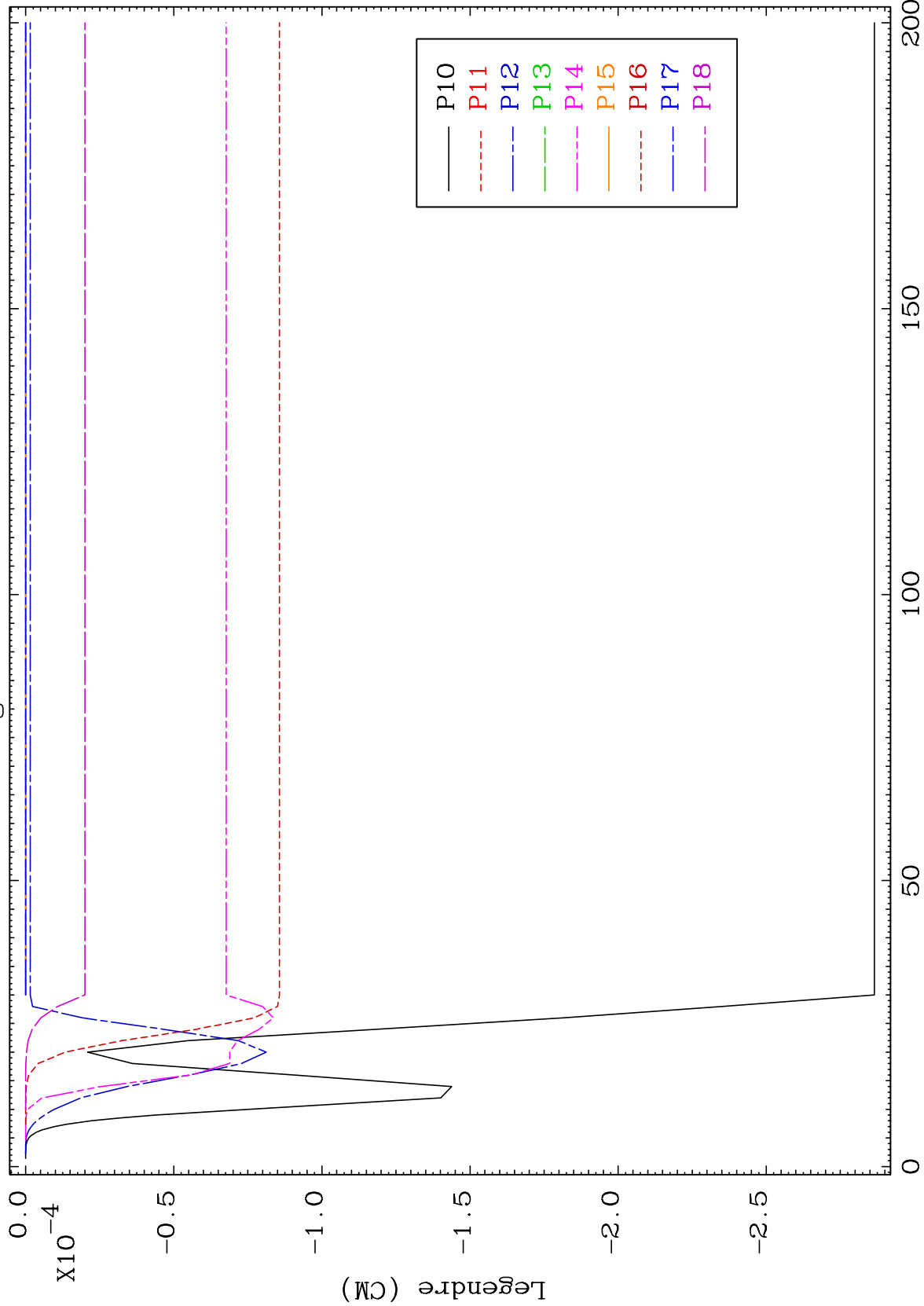
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



73

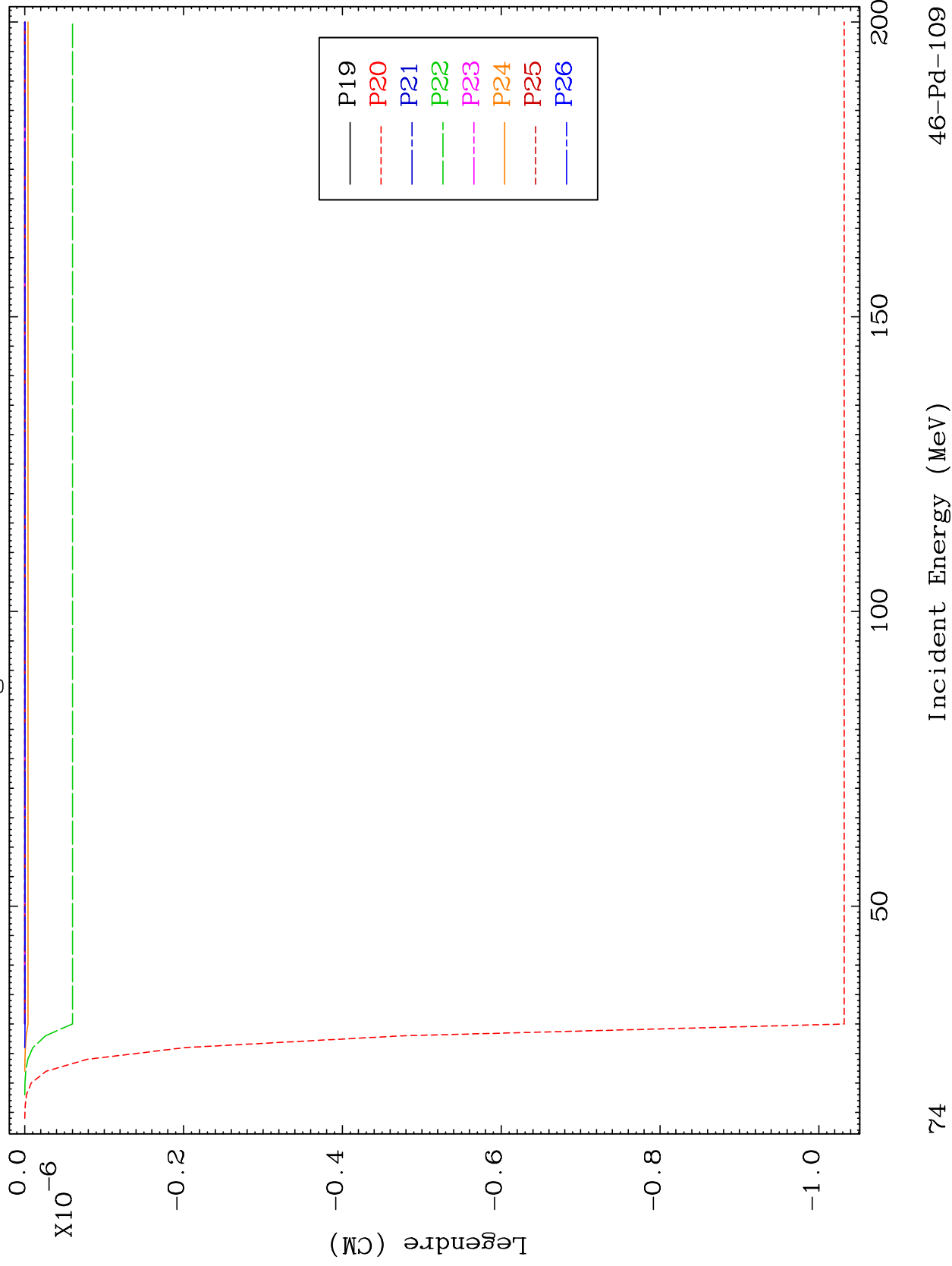
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



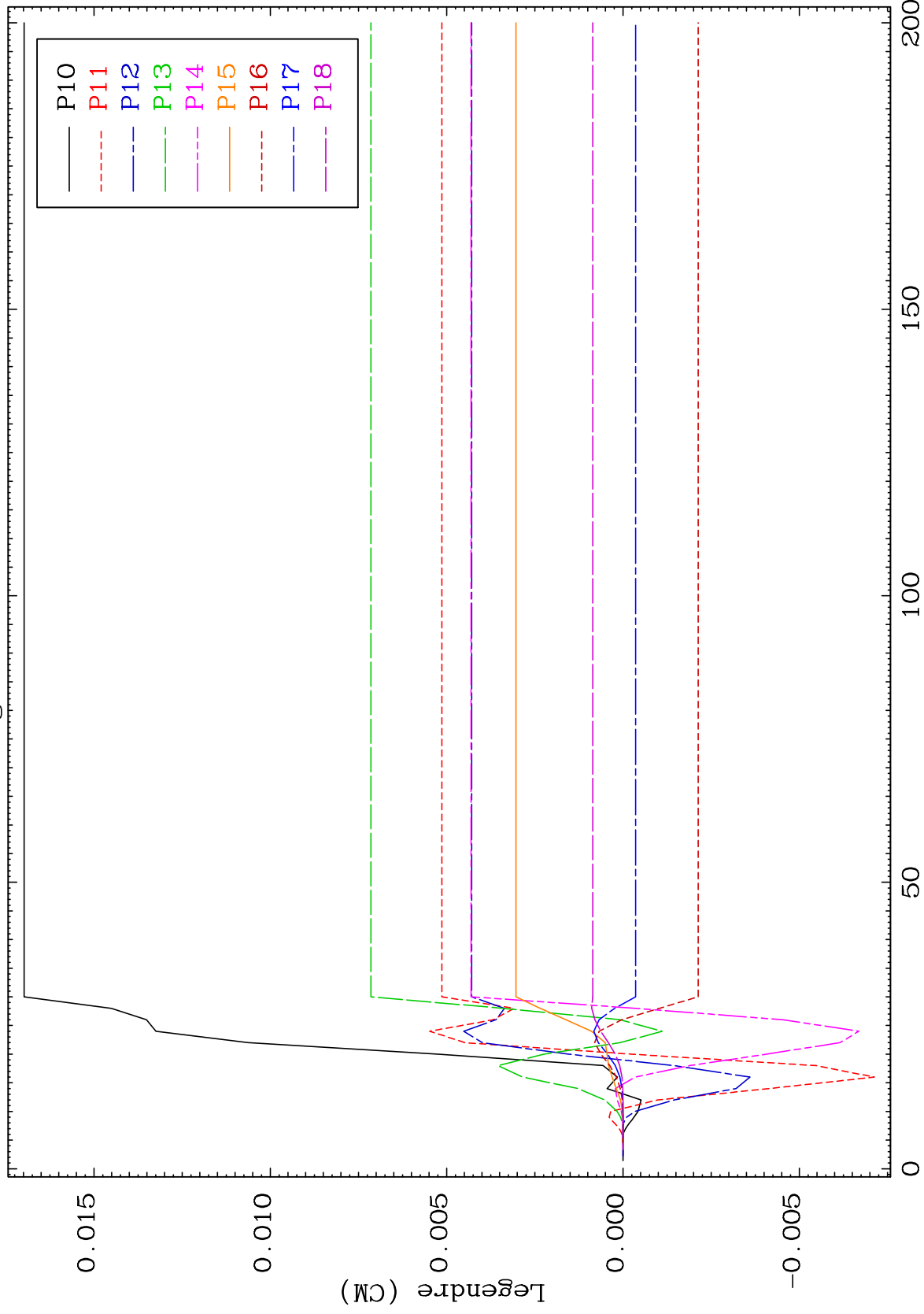
74

46-Pd-109

MAT 4646

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

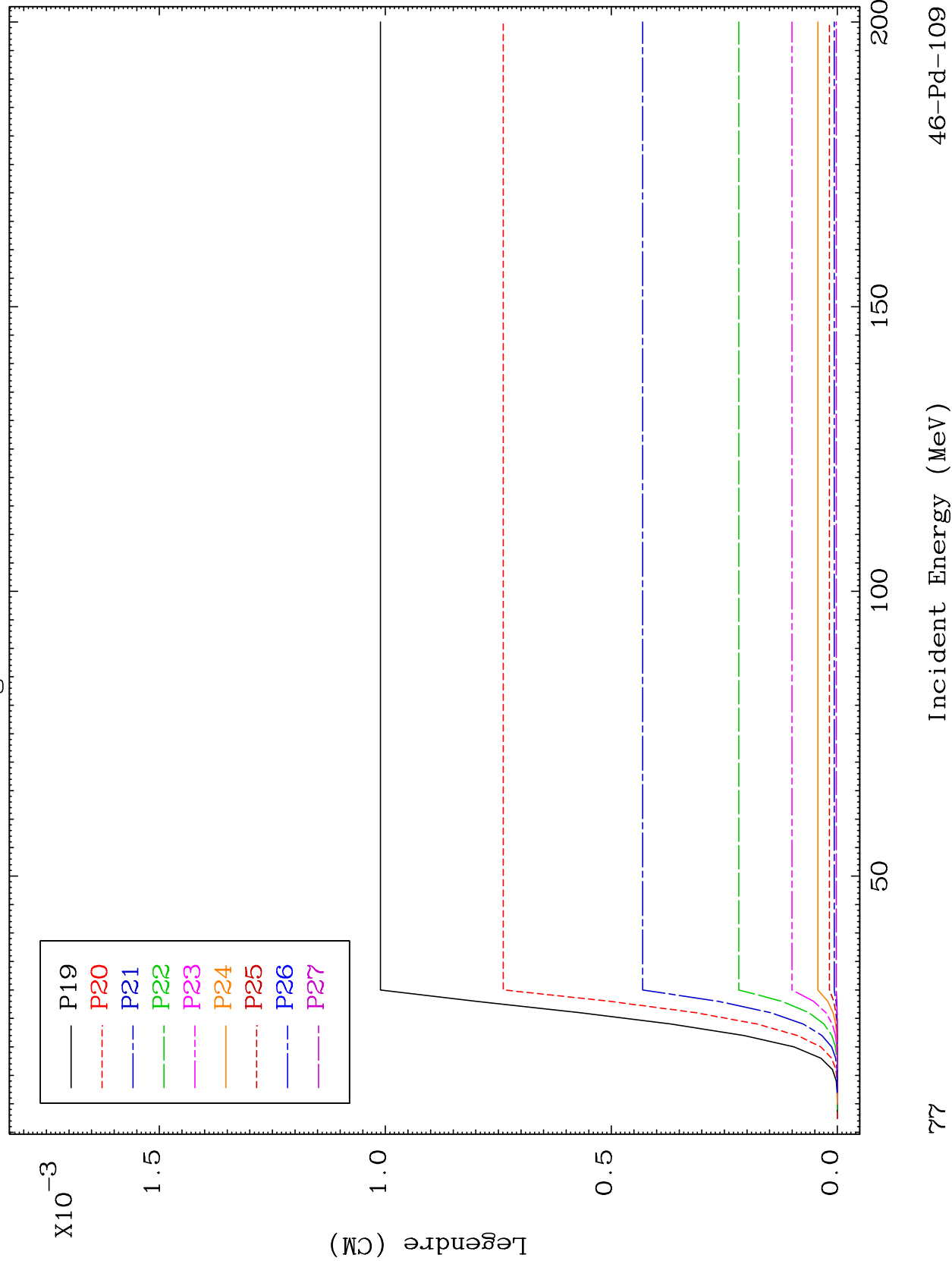
46-Pd-109



76

Incident Energy (MeV)

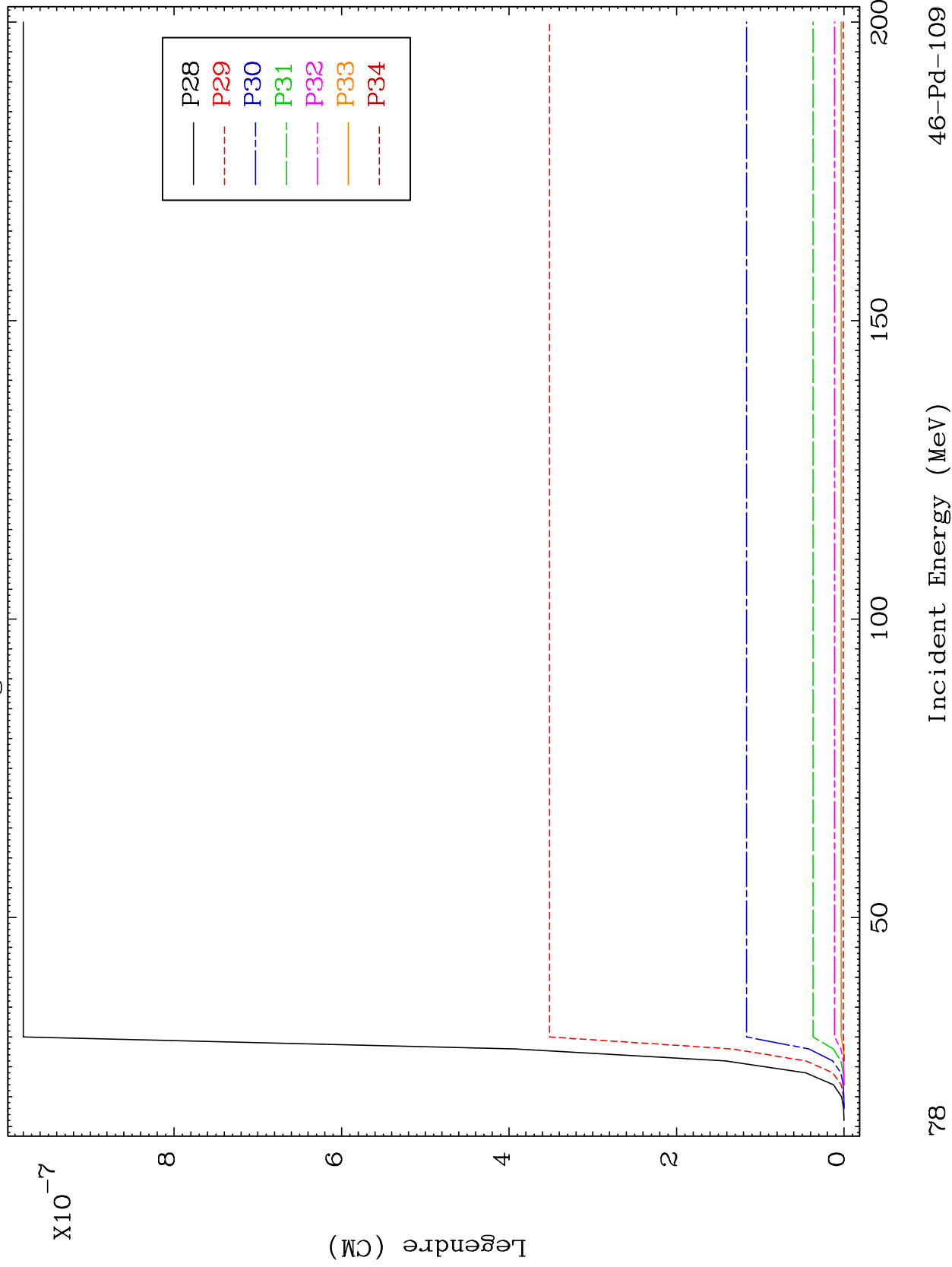
46-Pd-109



MAT 4646

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

46-Pd-109

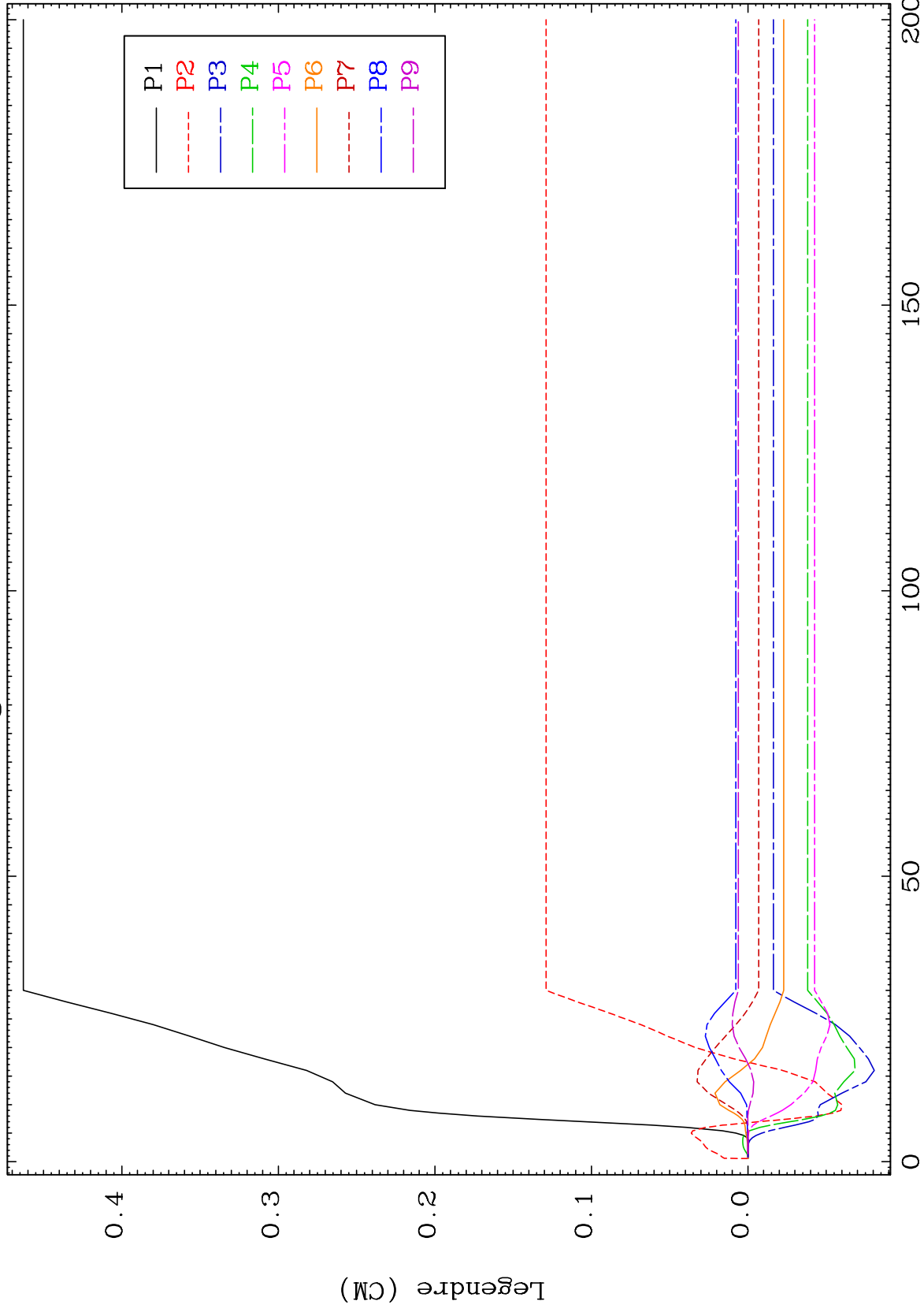


MAT 4646

MT= 68 (n,n') Level

46-Pd-109

Legendre Coefficients



79

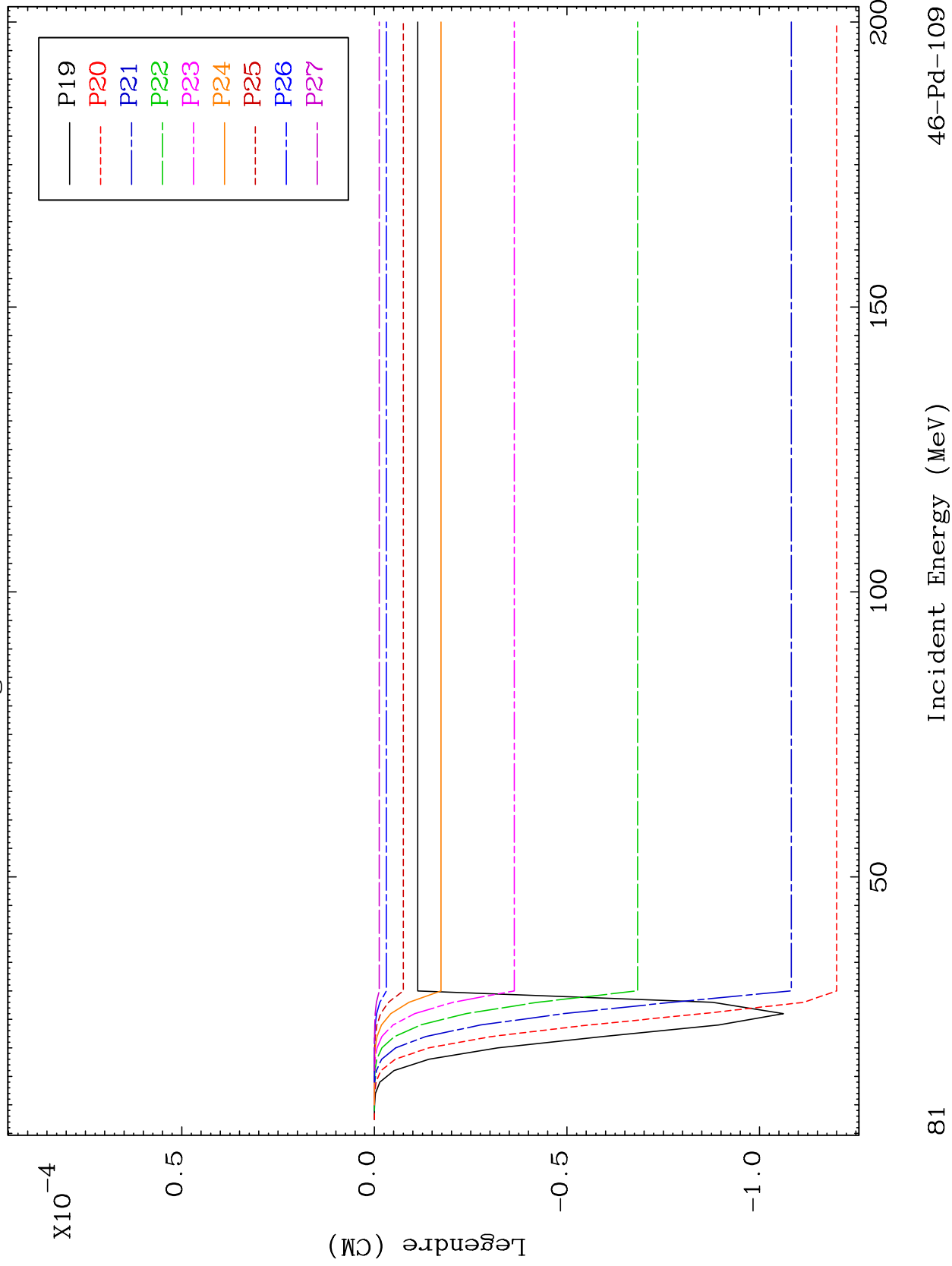
Incident Energy (MeV)

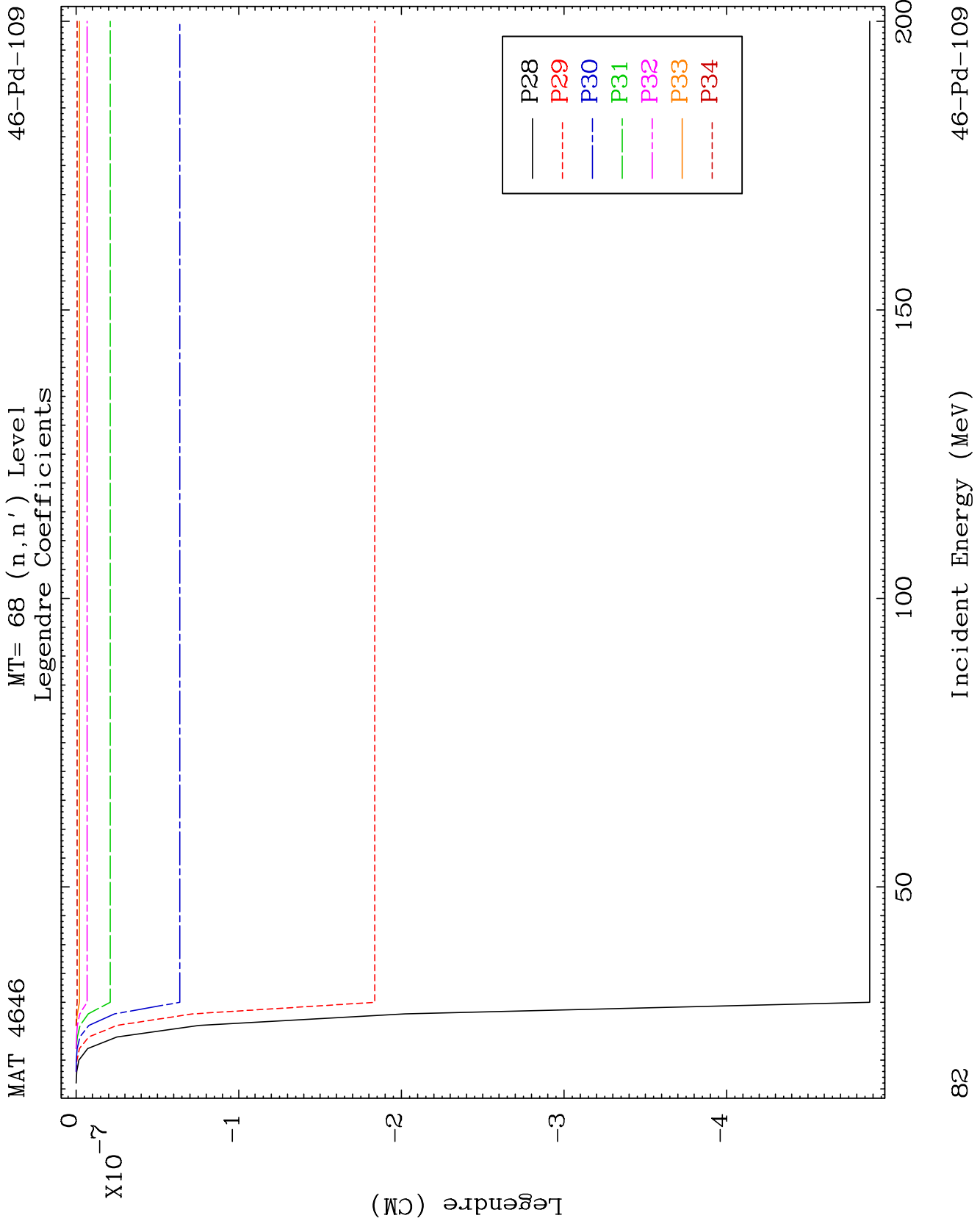
46-Pd-109

MAT 4646

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

46-Pd-109



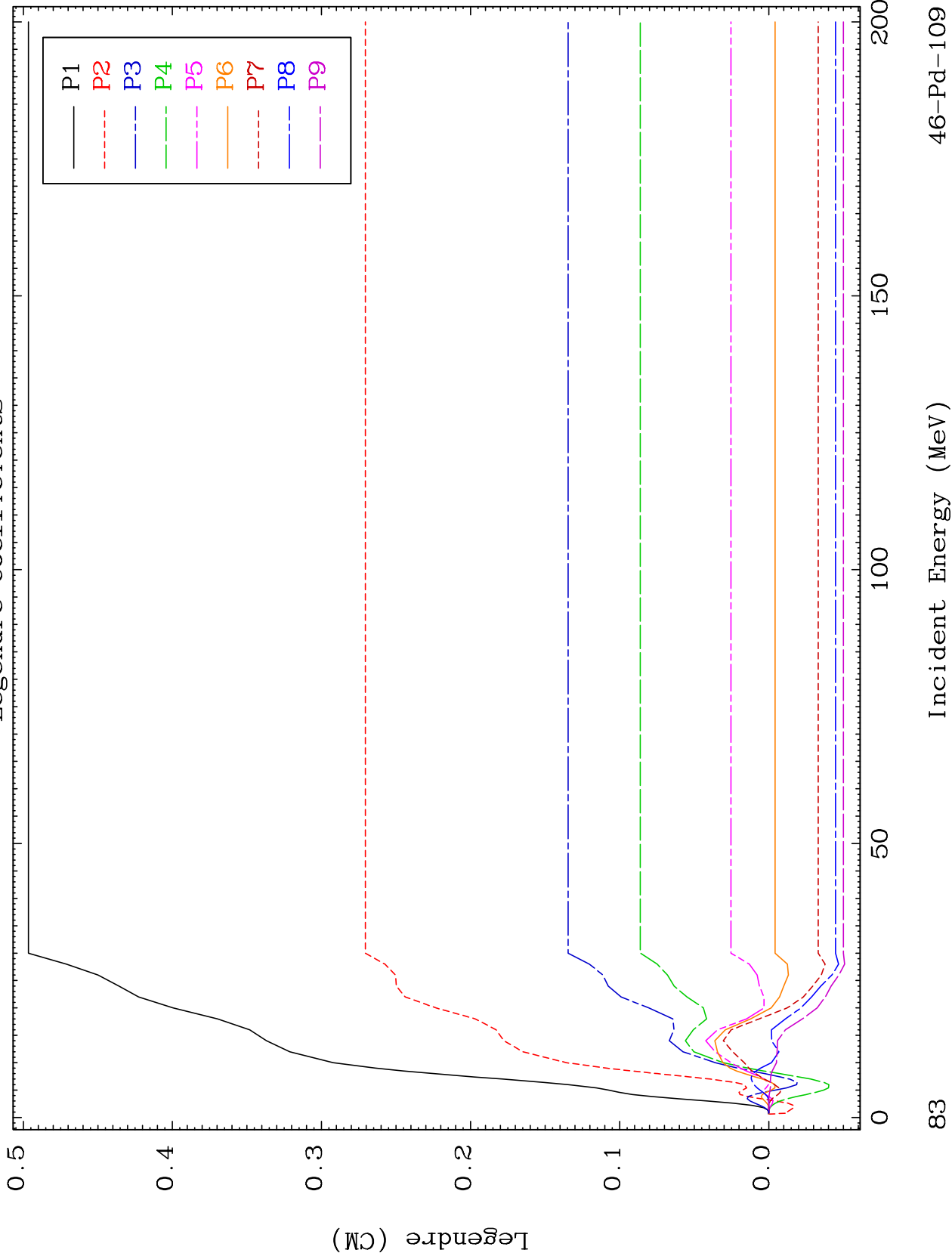


MAT 4646

MT= 69 (n,n') Level

46-Pd-109

Legendre Coefficients



83

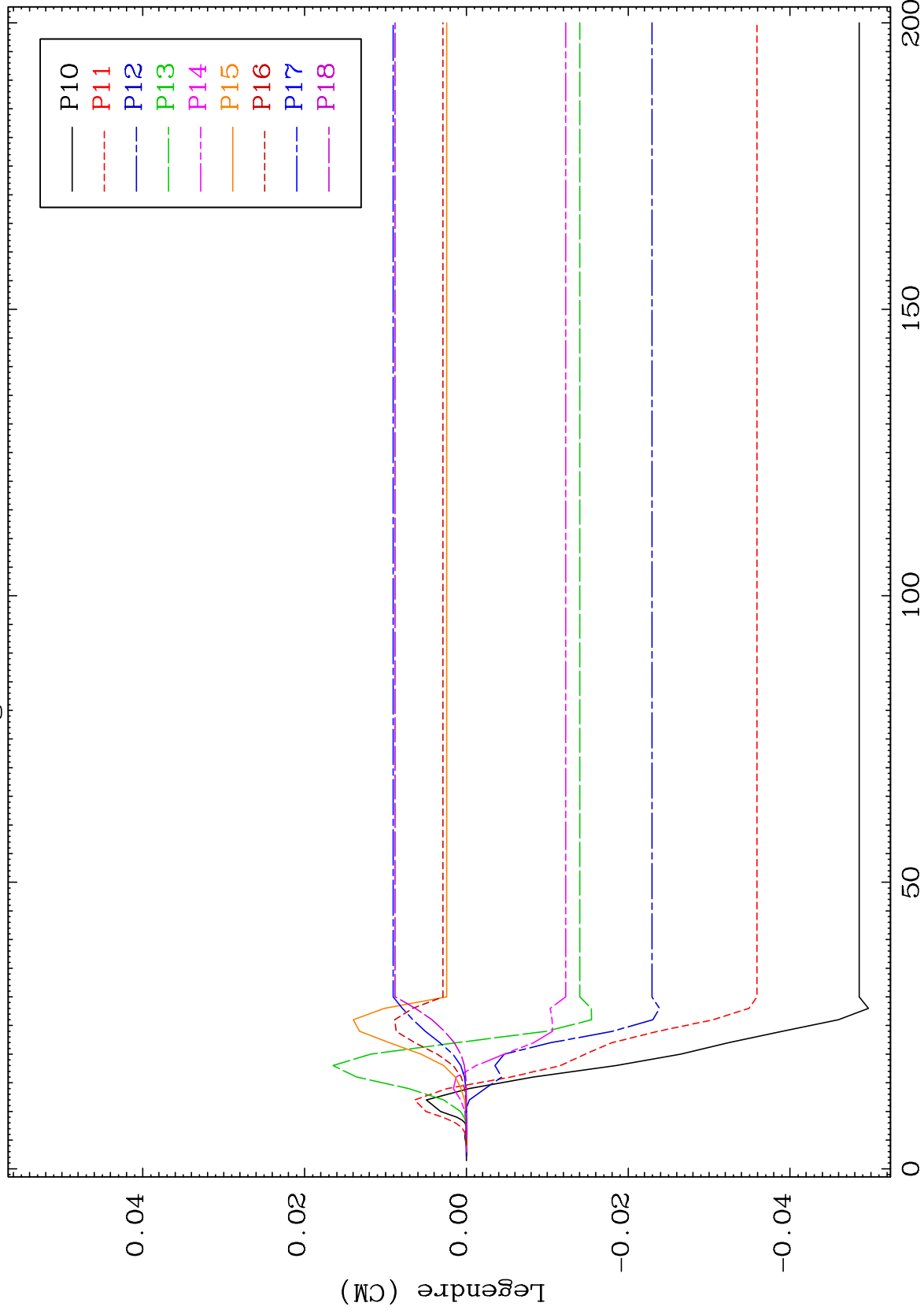
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



84

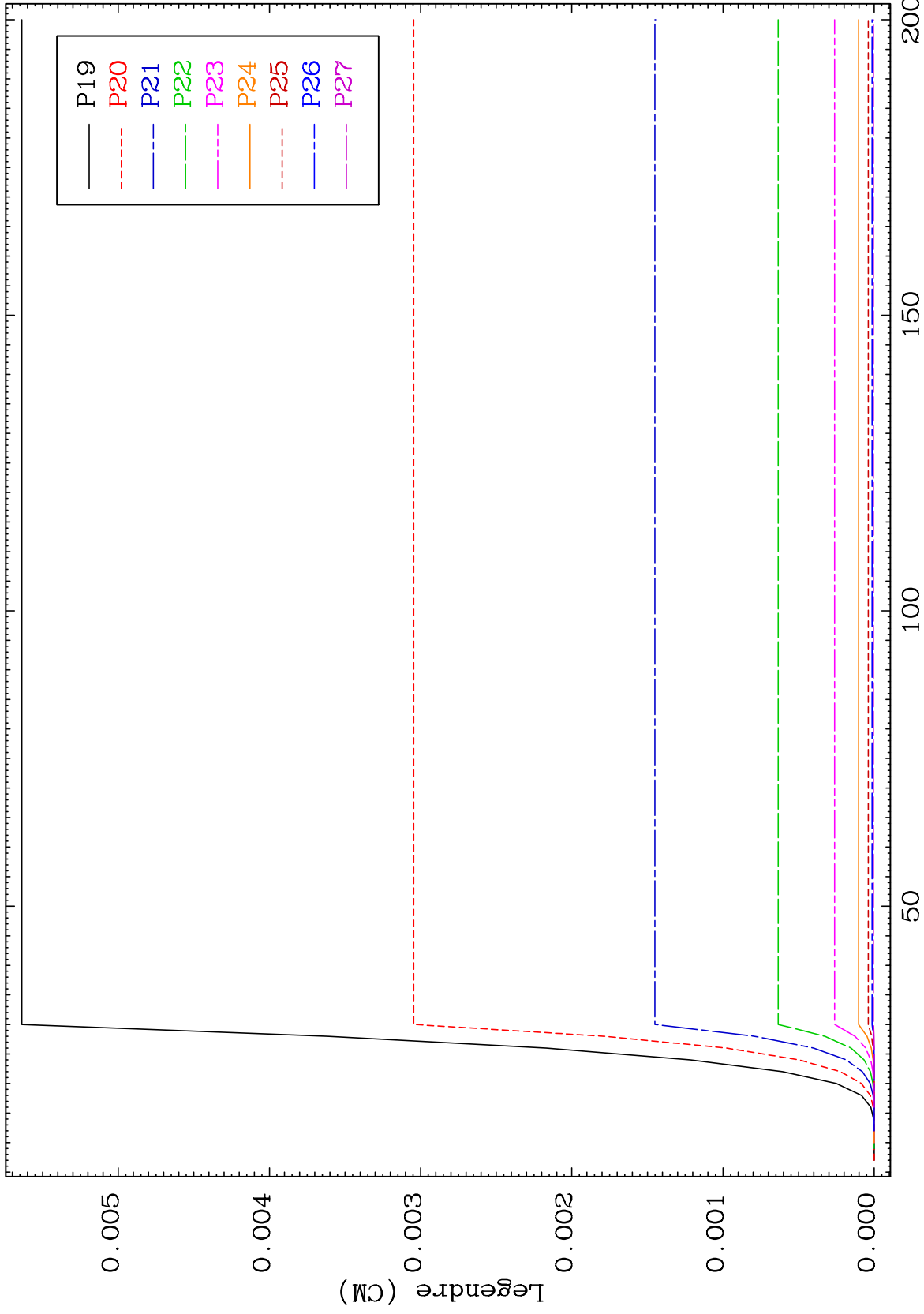
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



85

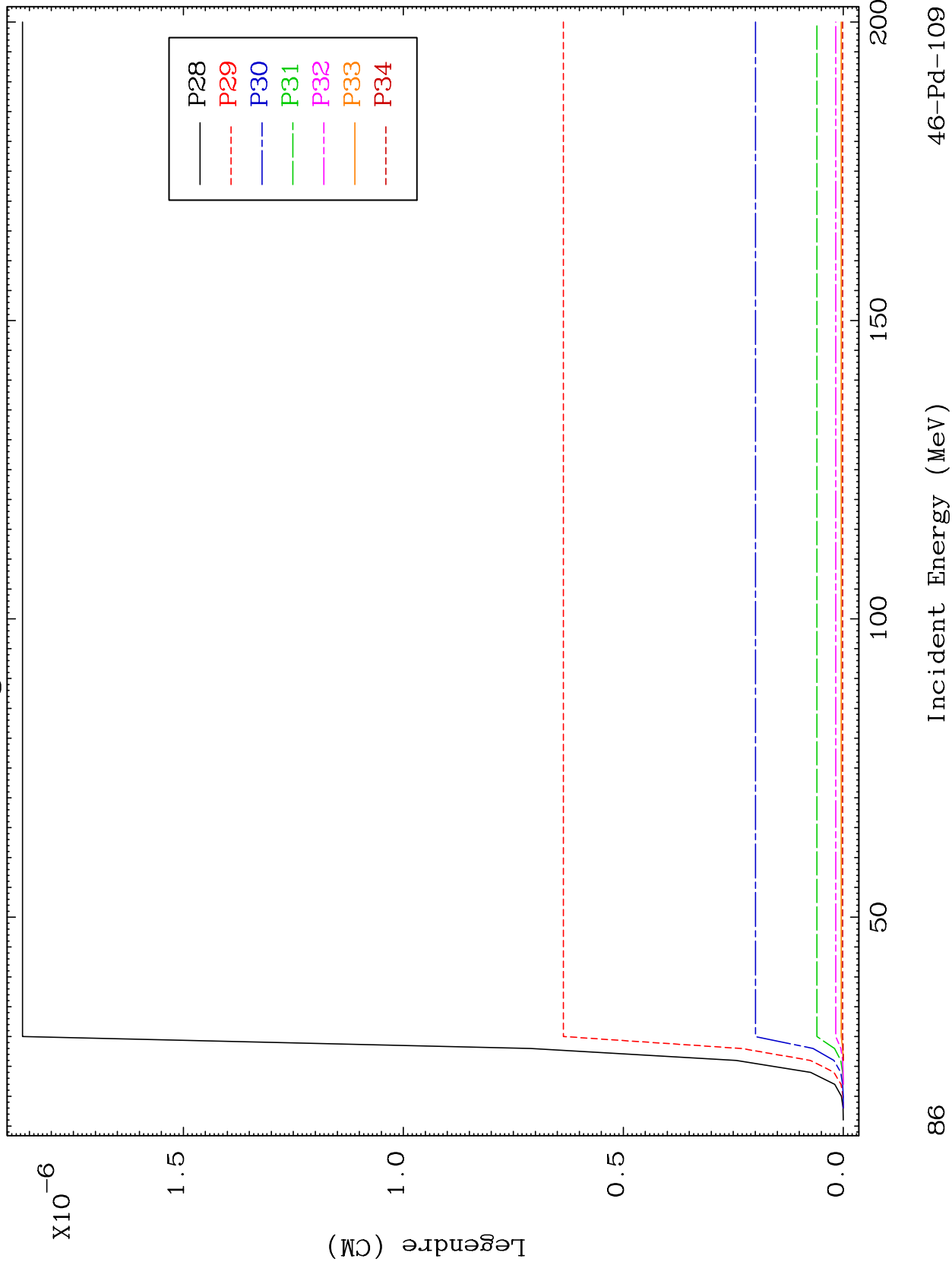
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109

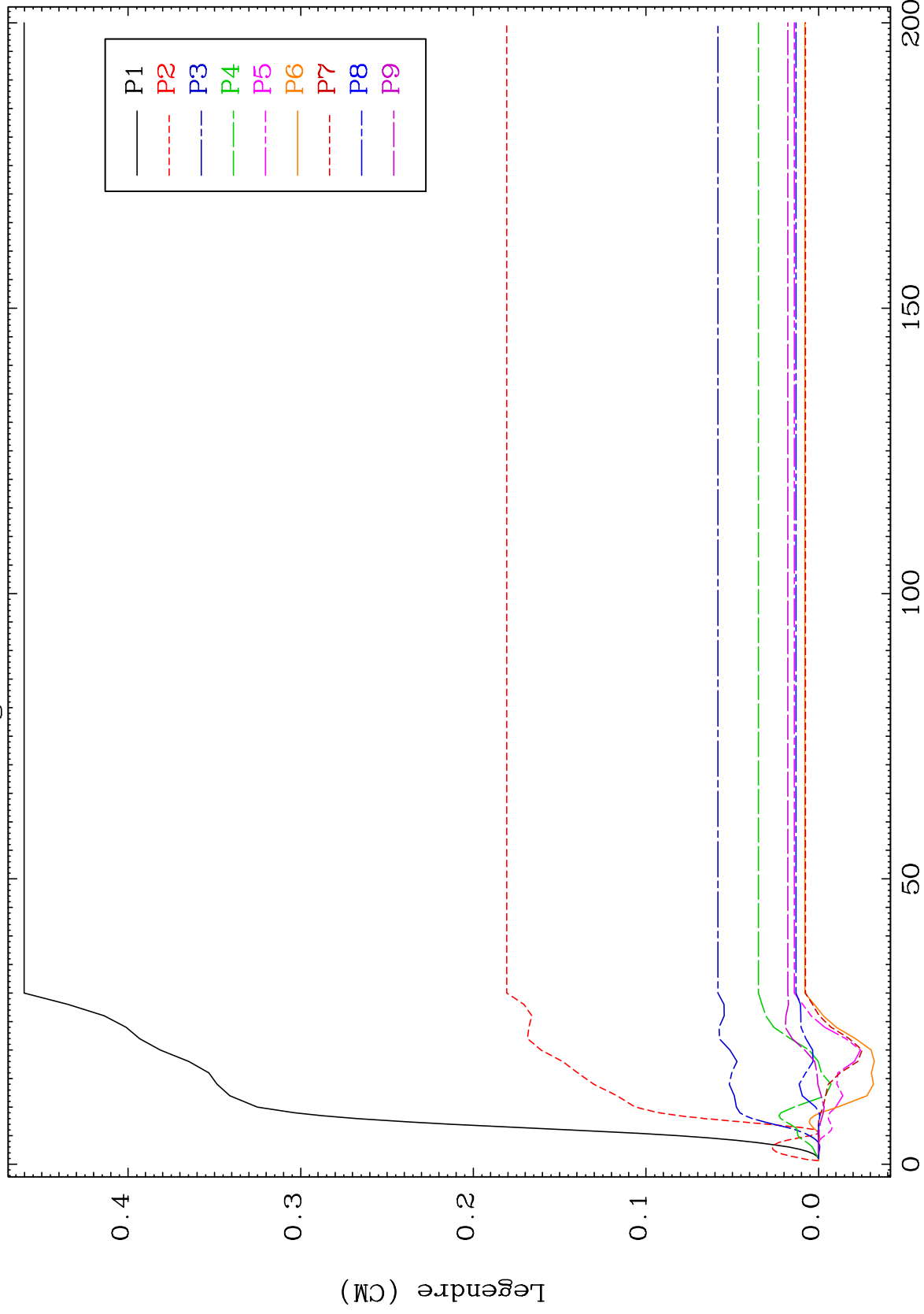


86

MAT 4646

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

46-Pd-109



87

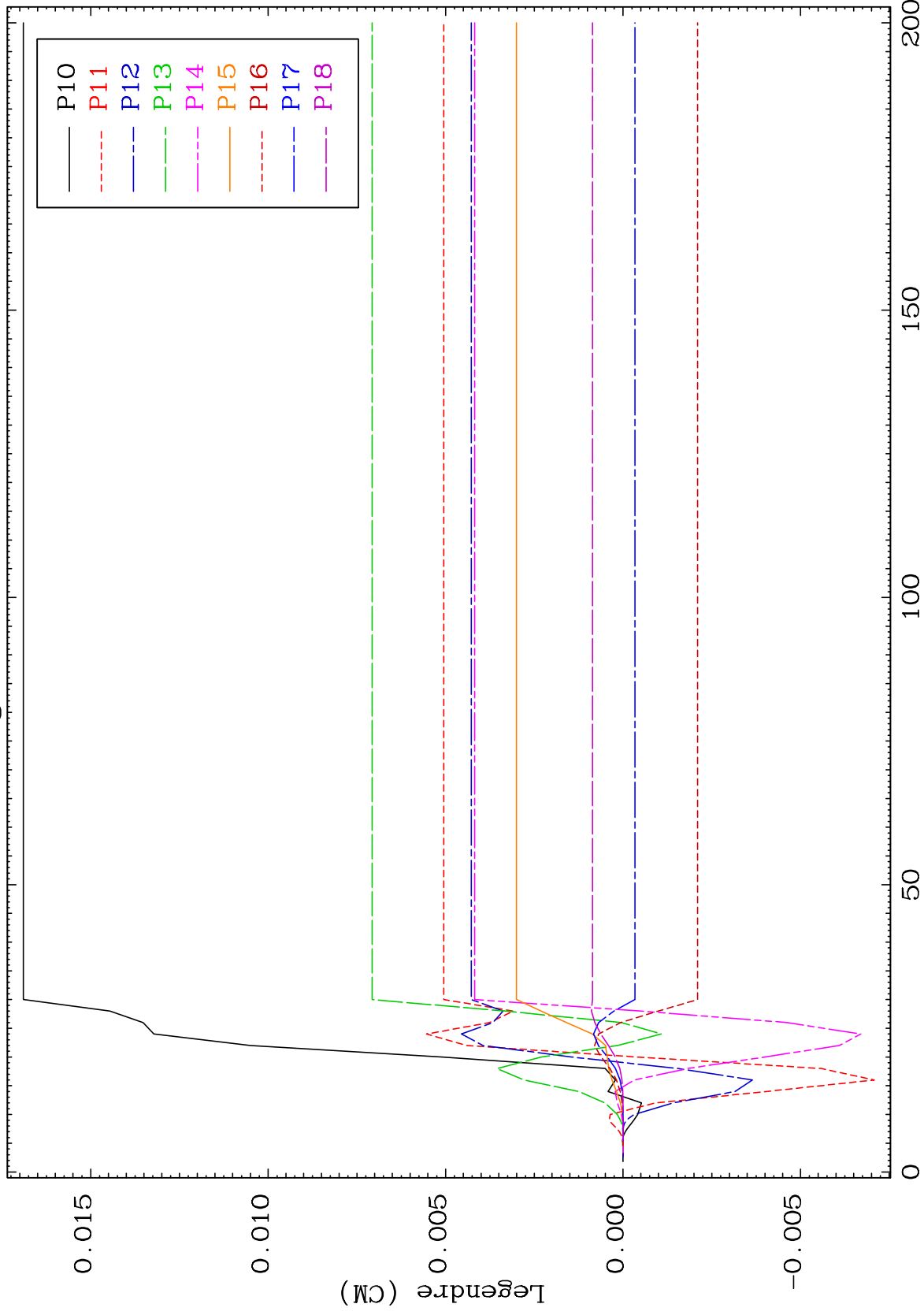
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



88

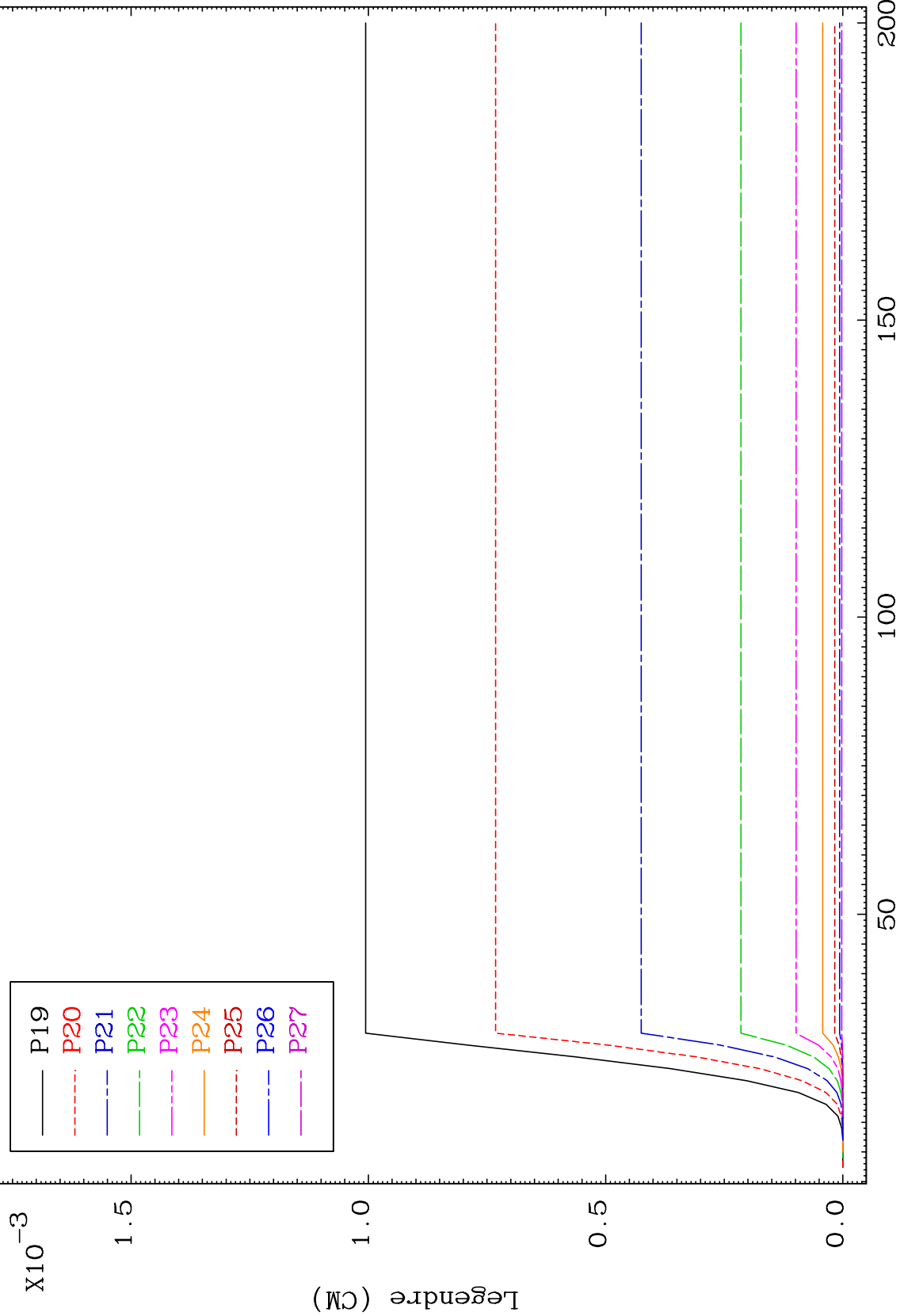
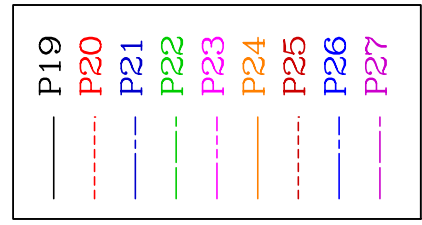
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



89

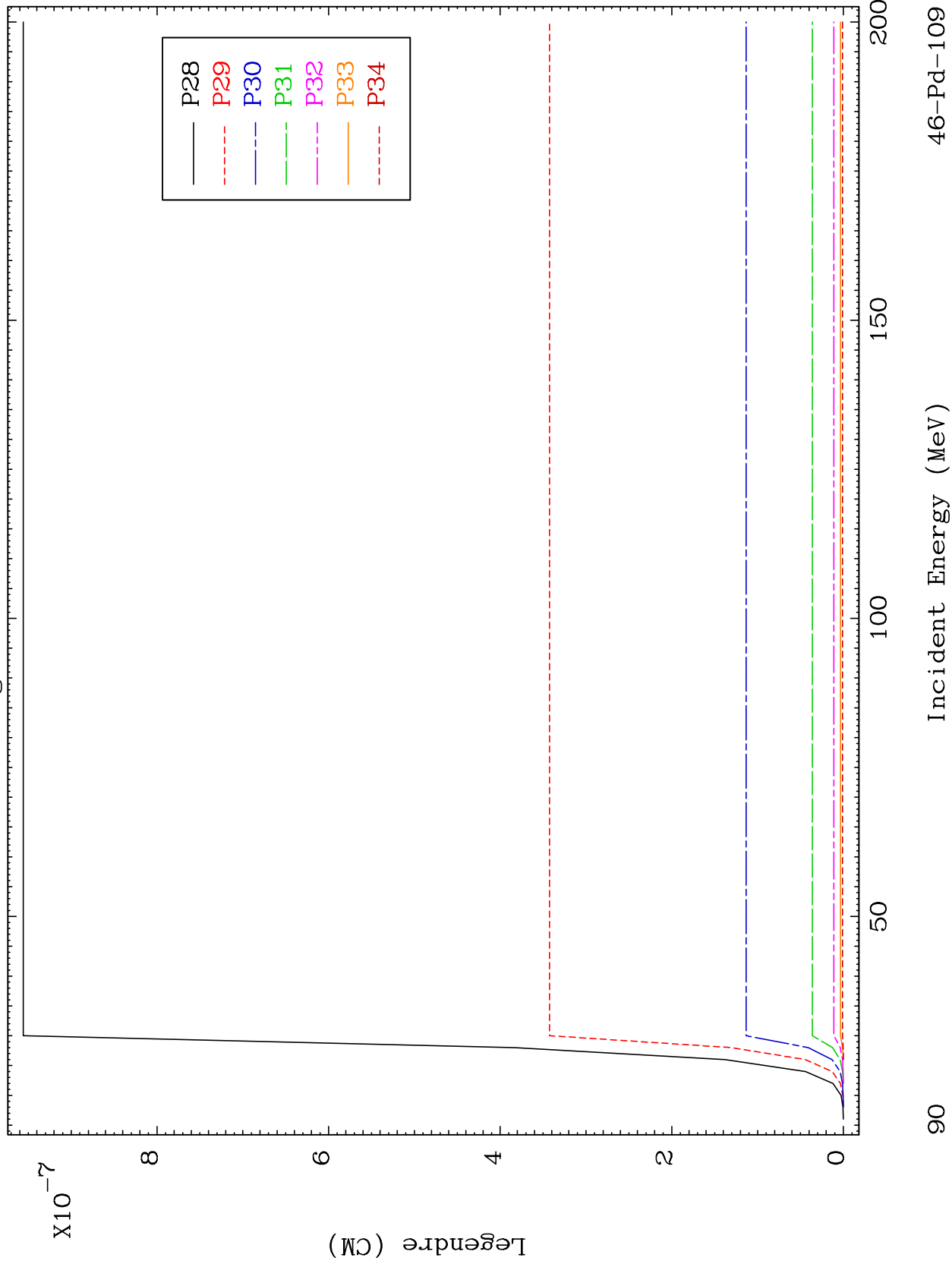
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



46-Pd-109

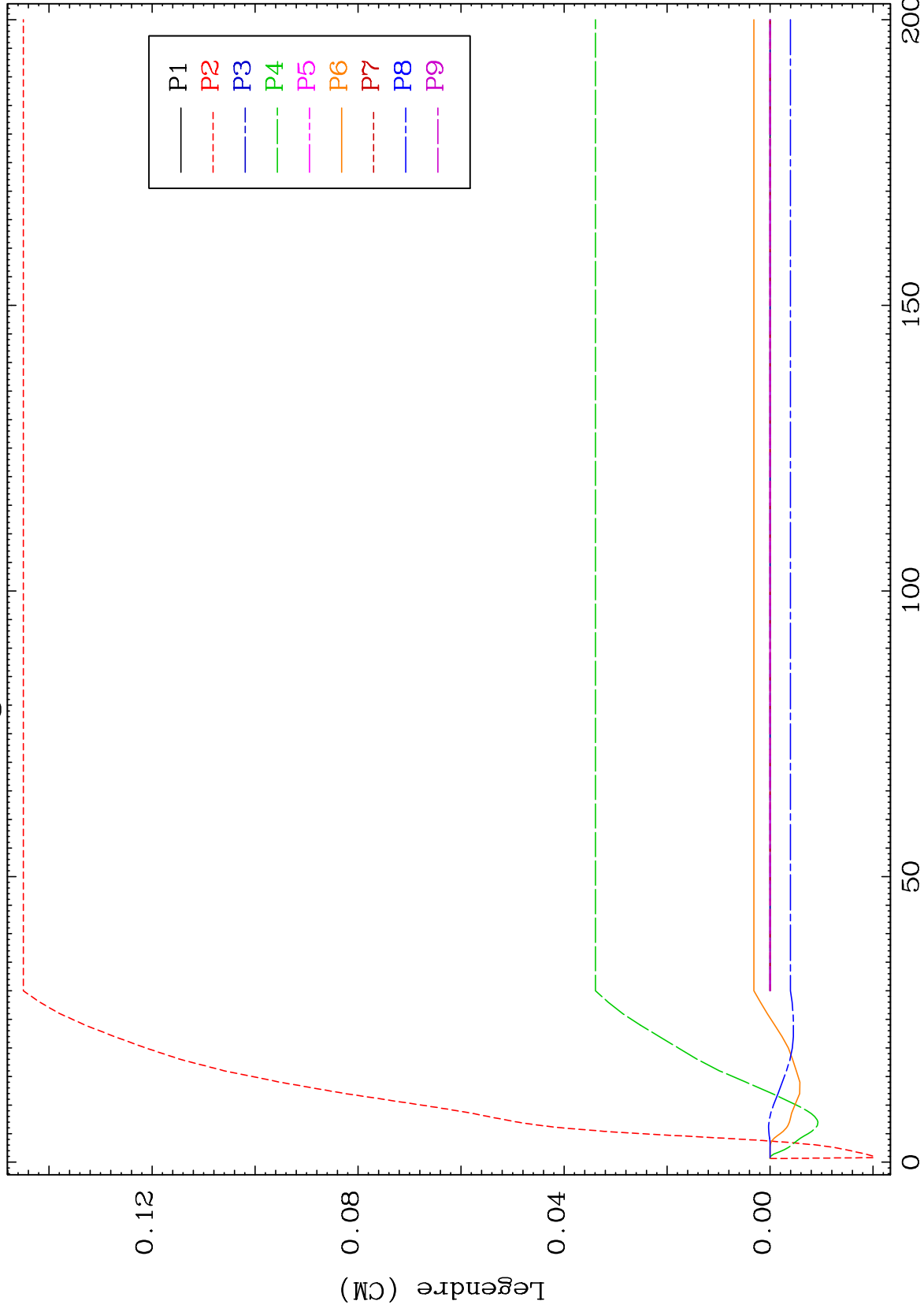
Incident Energy (MeV)

90

MAT 4646

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

46-Pd-109



91

Incident Energy (MeV)

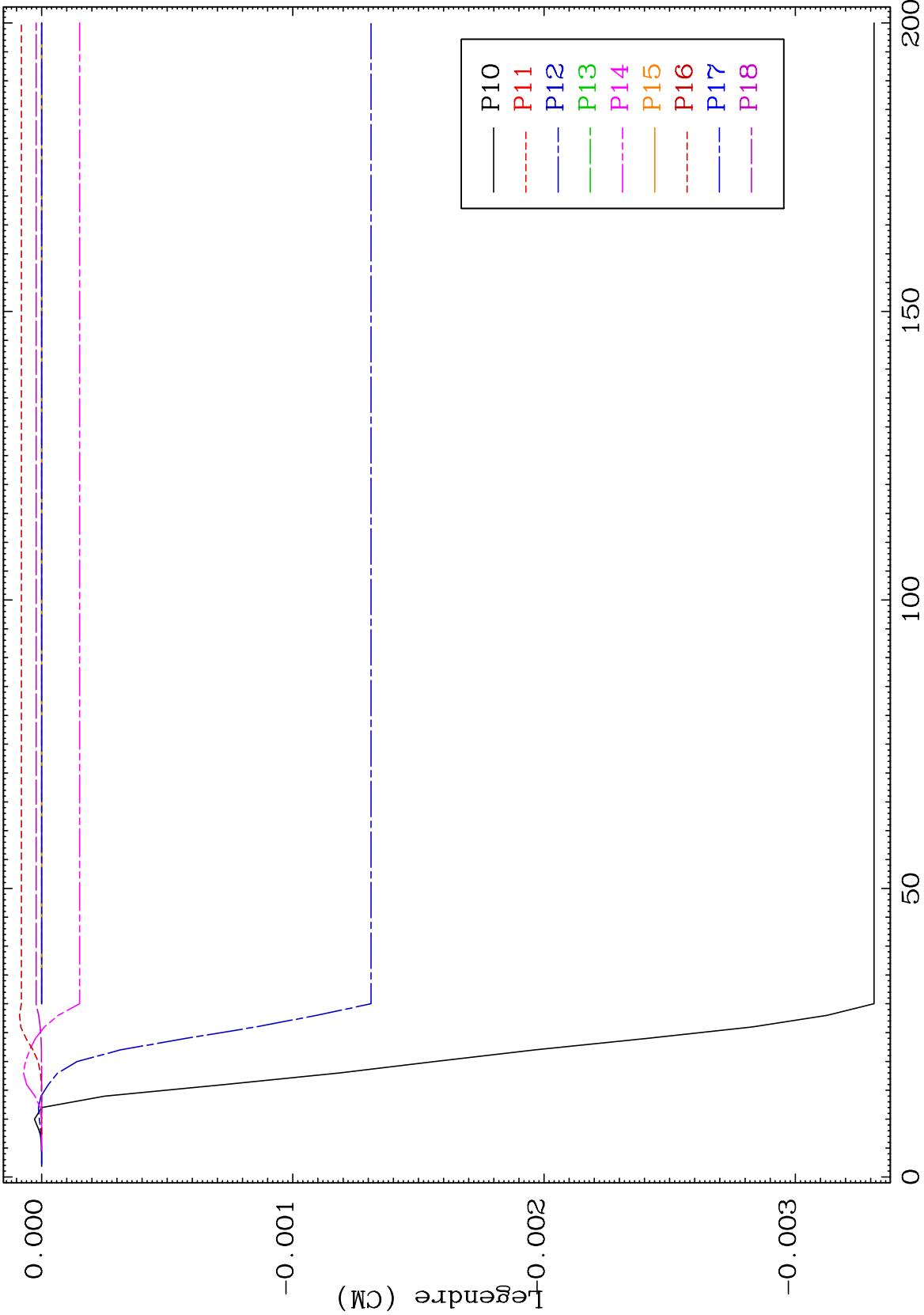
46-Pd-109

MAT 4646

MT= 71 (n,n') Level

46-Pd-109

Legendre Coefficients



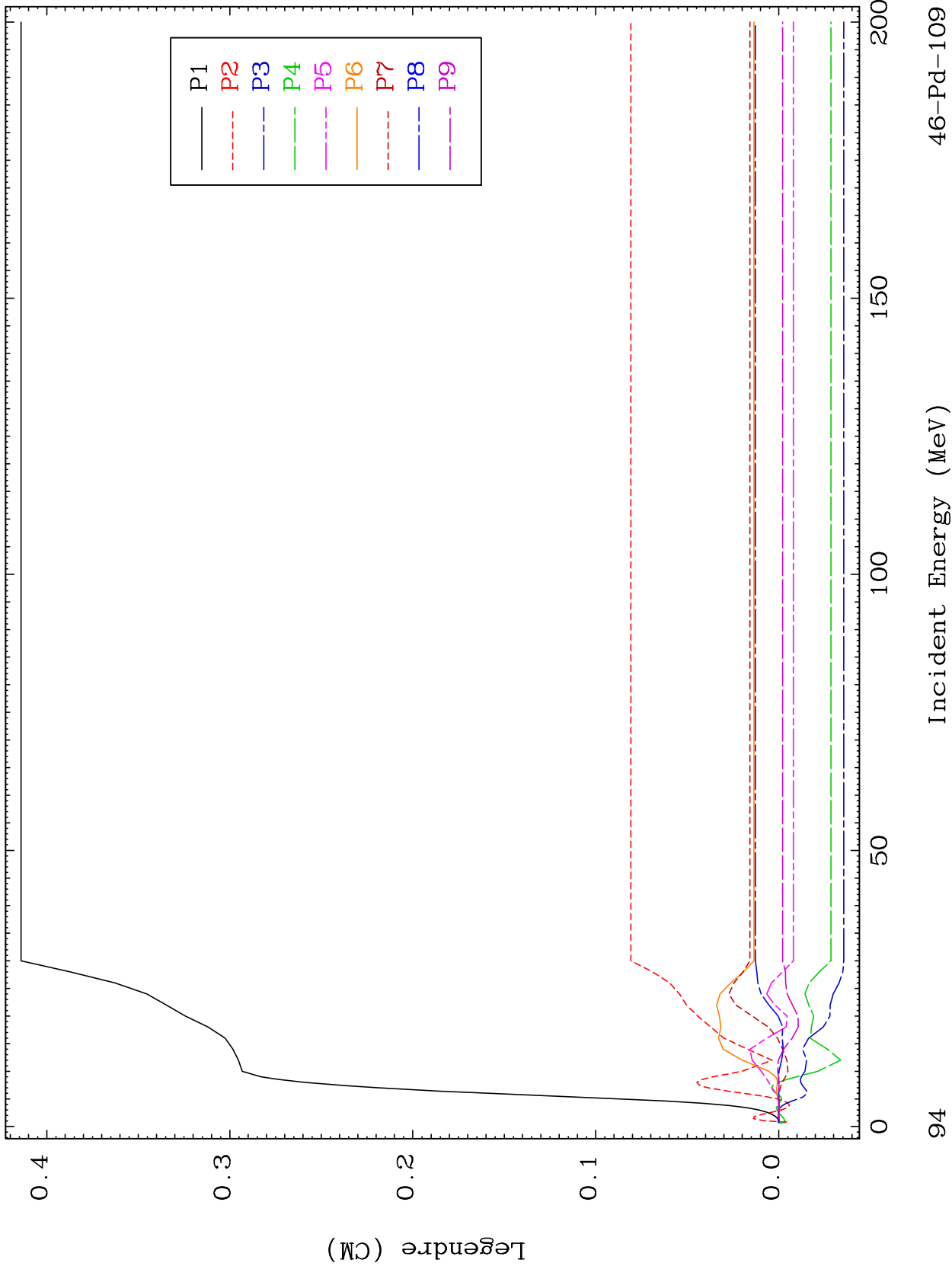
92

46-Pd-109

MAT 4646

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

46-Pd-109



94

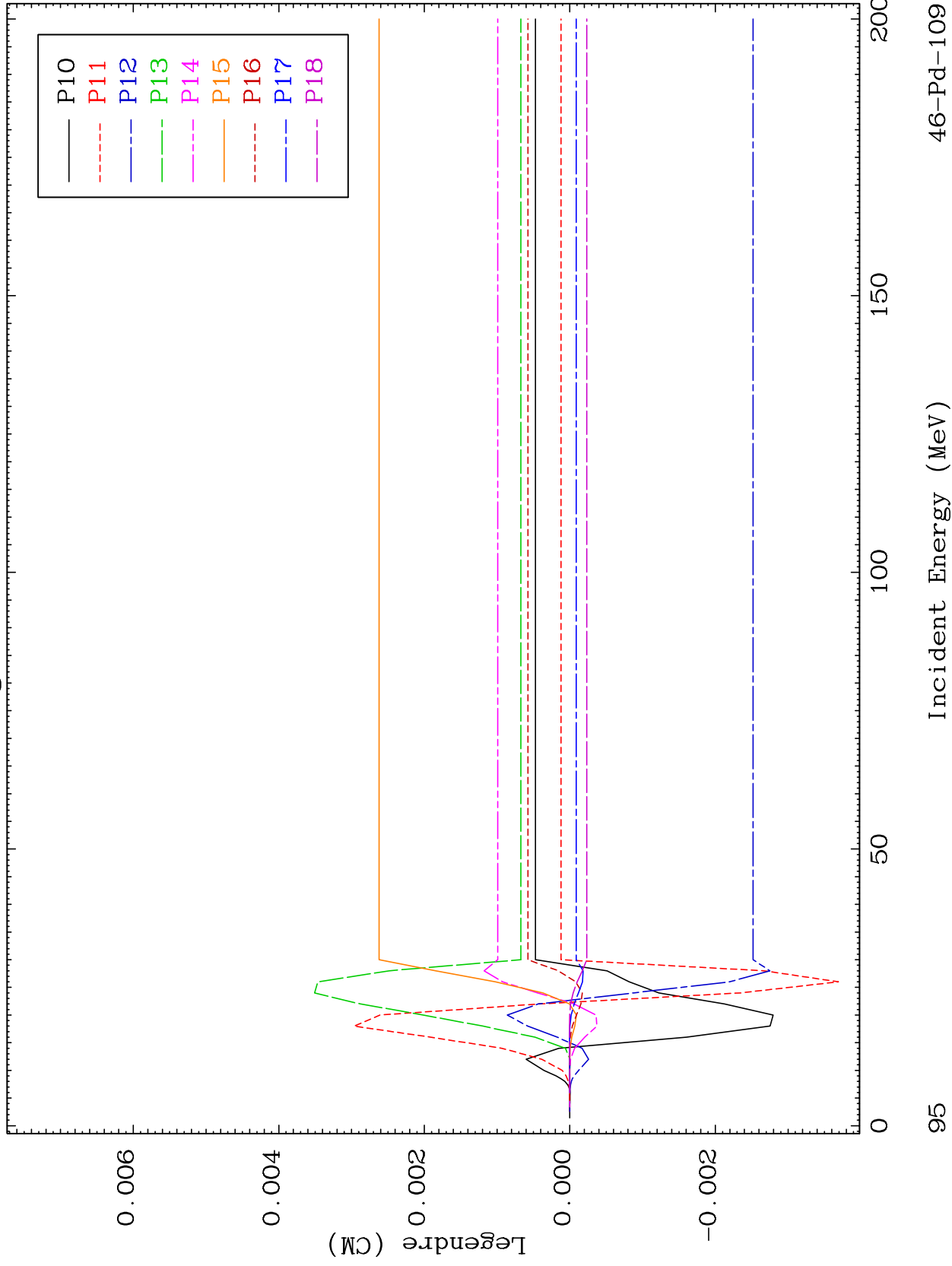
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



46-Pd-109

Incident Energy (MeV)

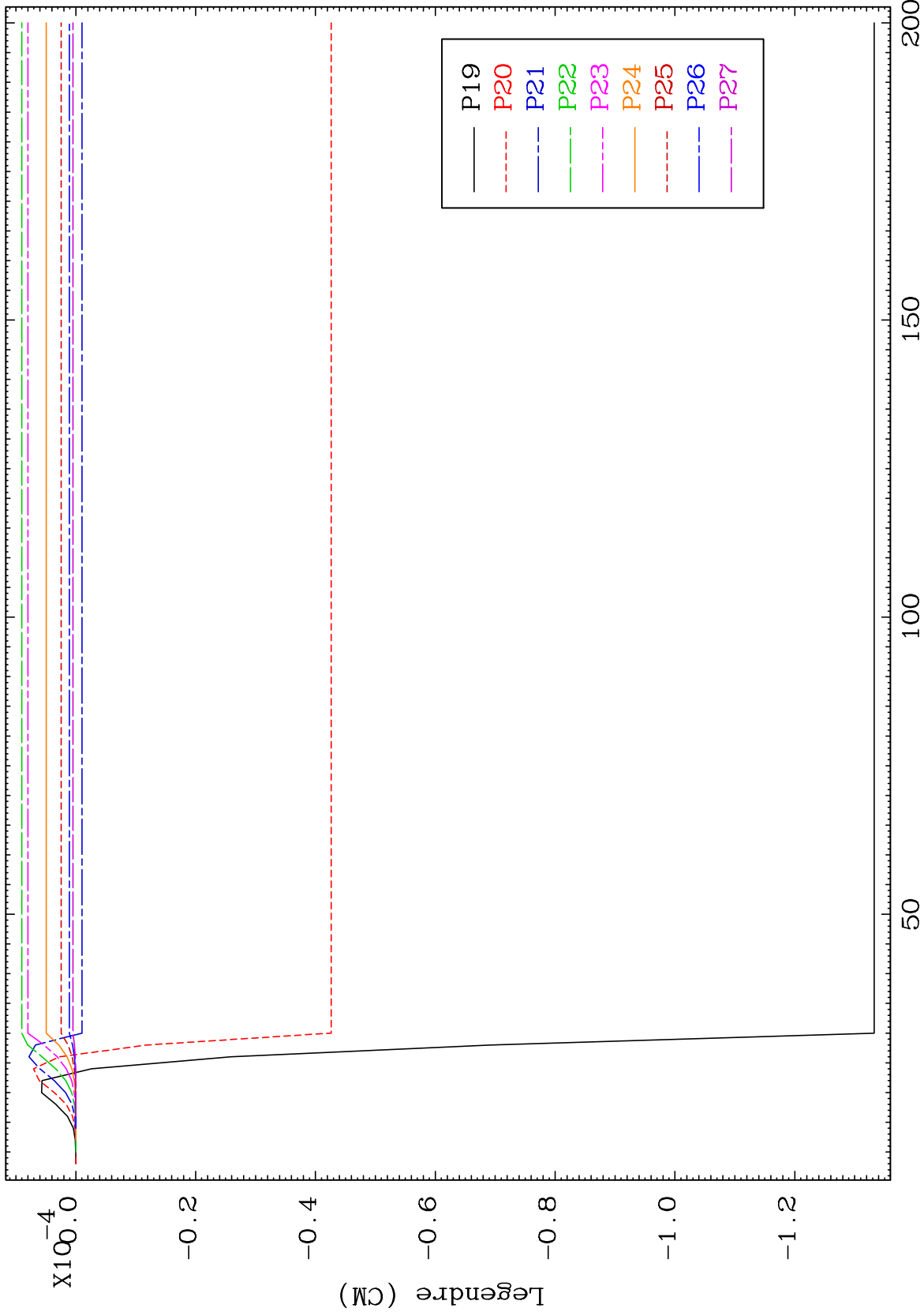
95

MAT 4646

MT= 72 (n,n') Level

46-Pd-109

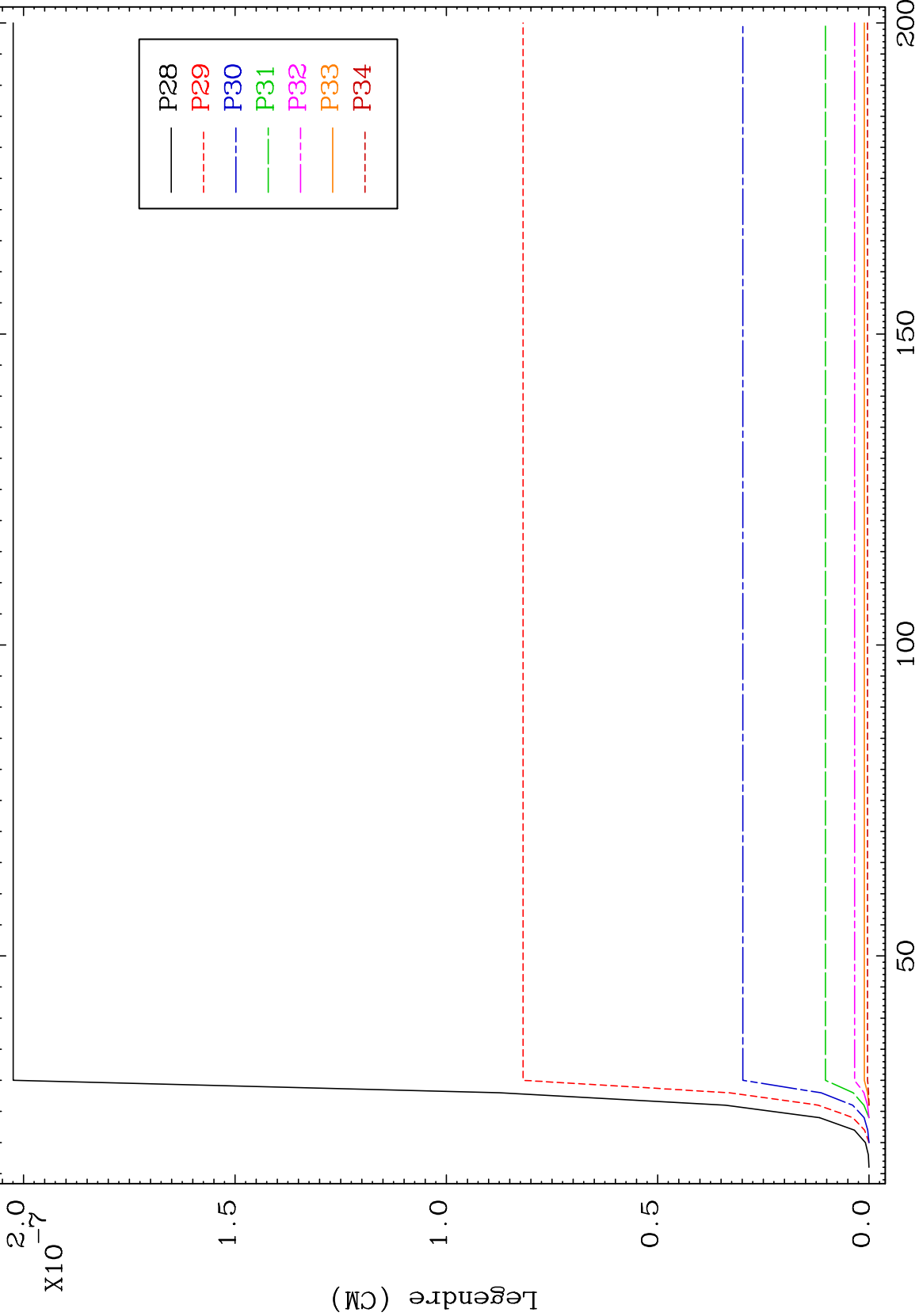
Legendre Coefficients



MAT 4646

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

46-Pd-109



97

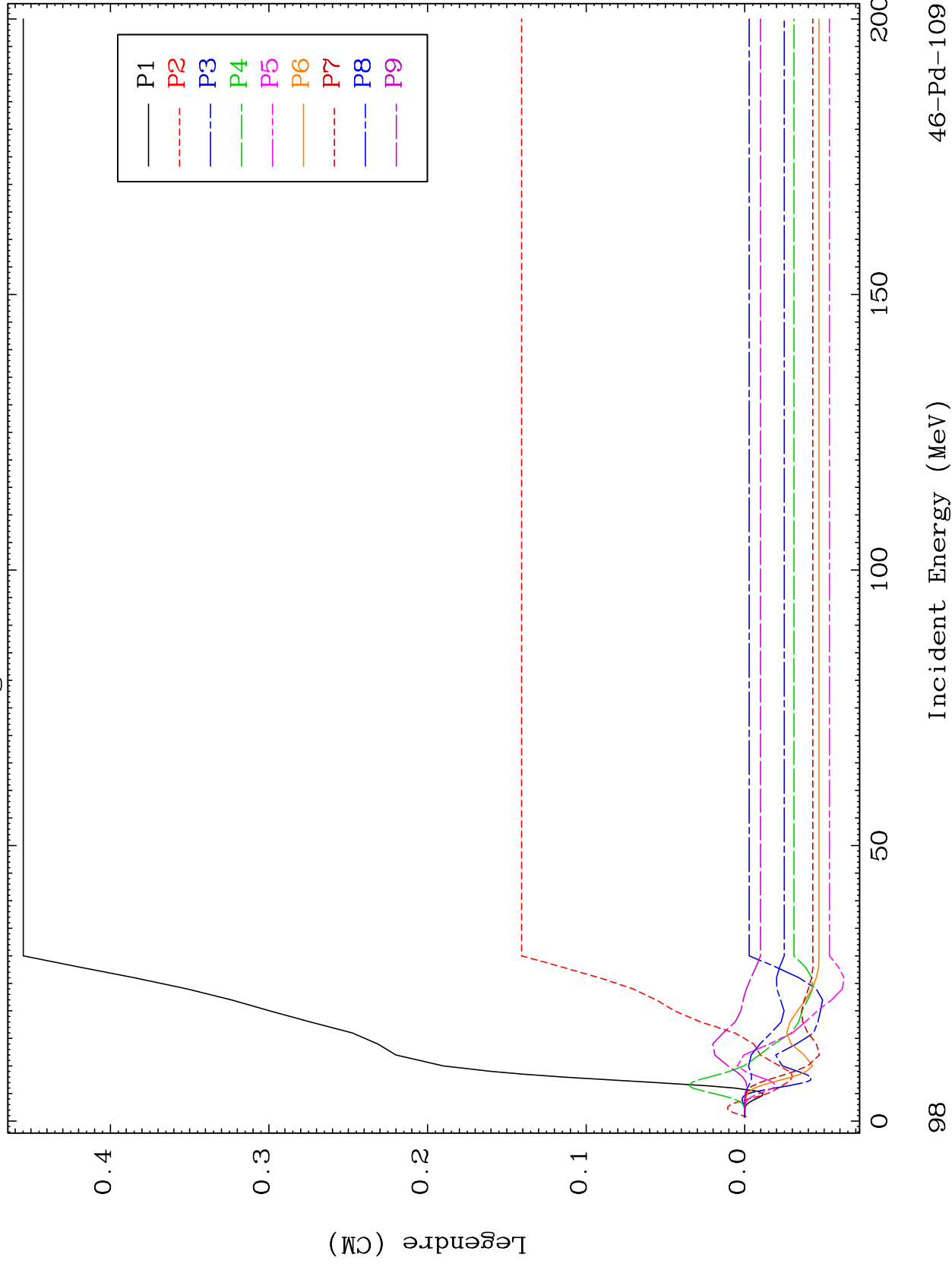
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



98

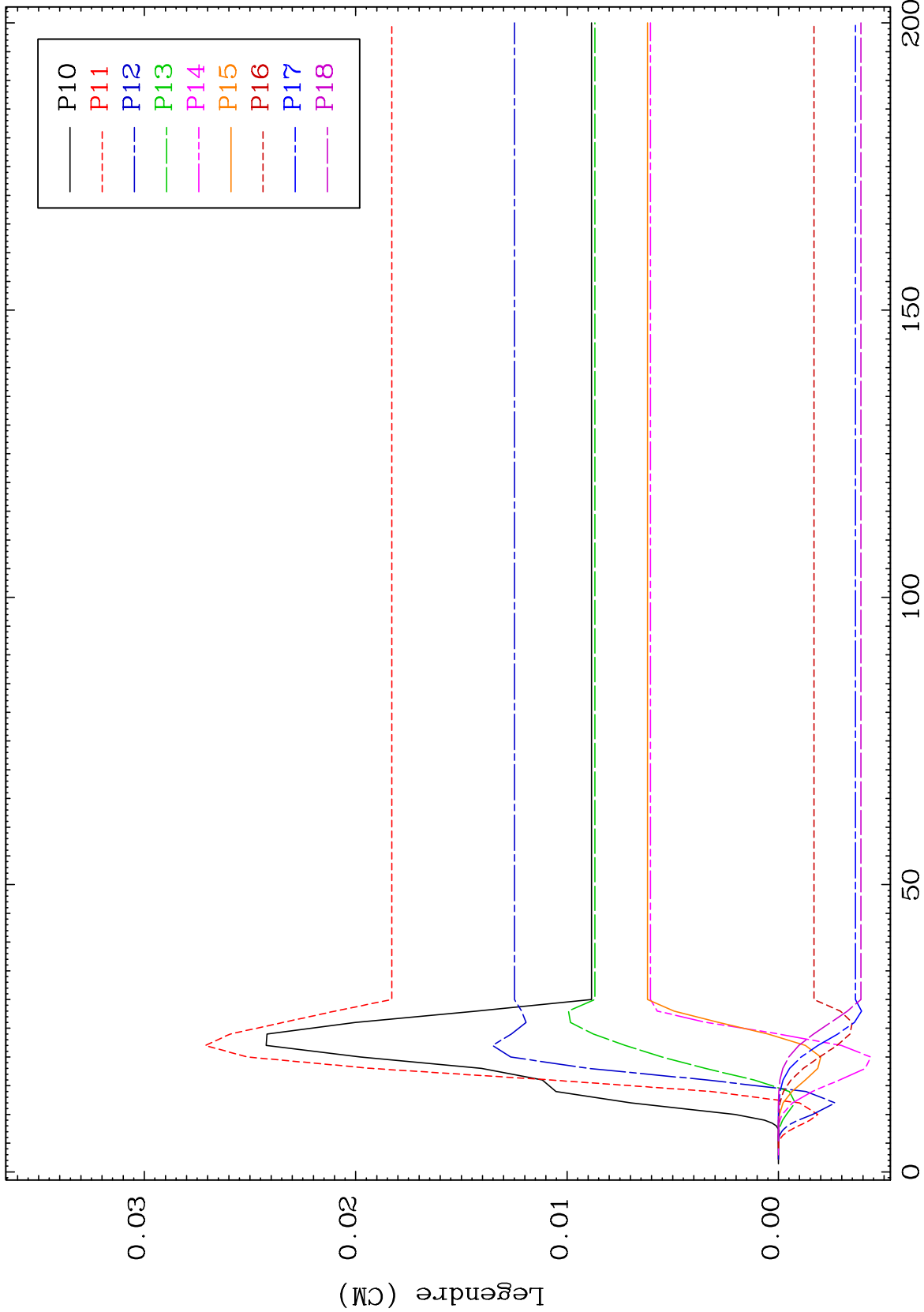
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

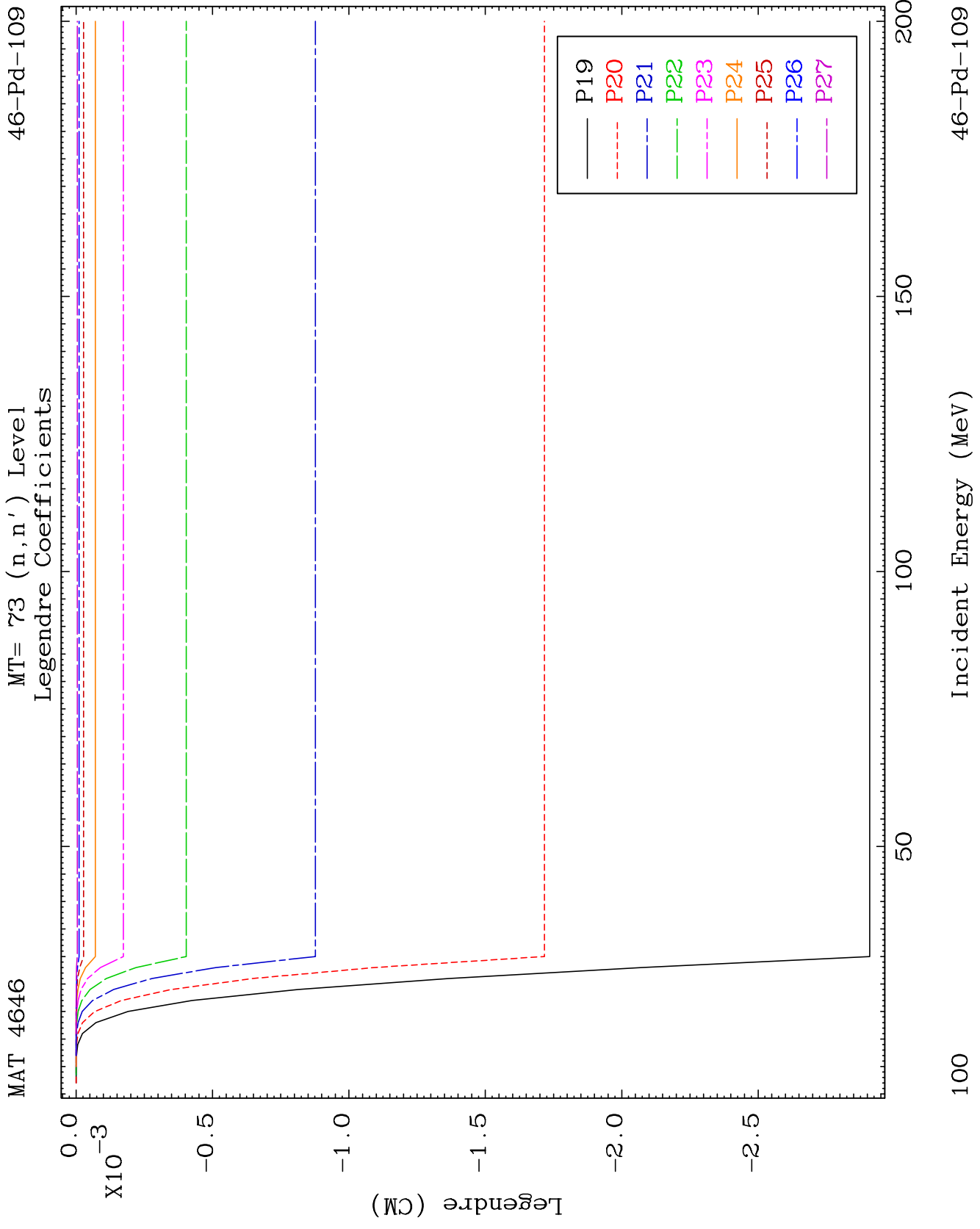
46-Pd-109

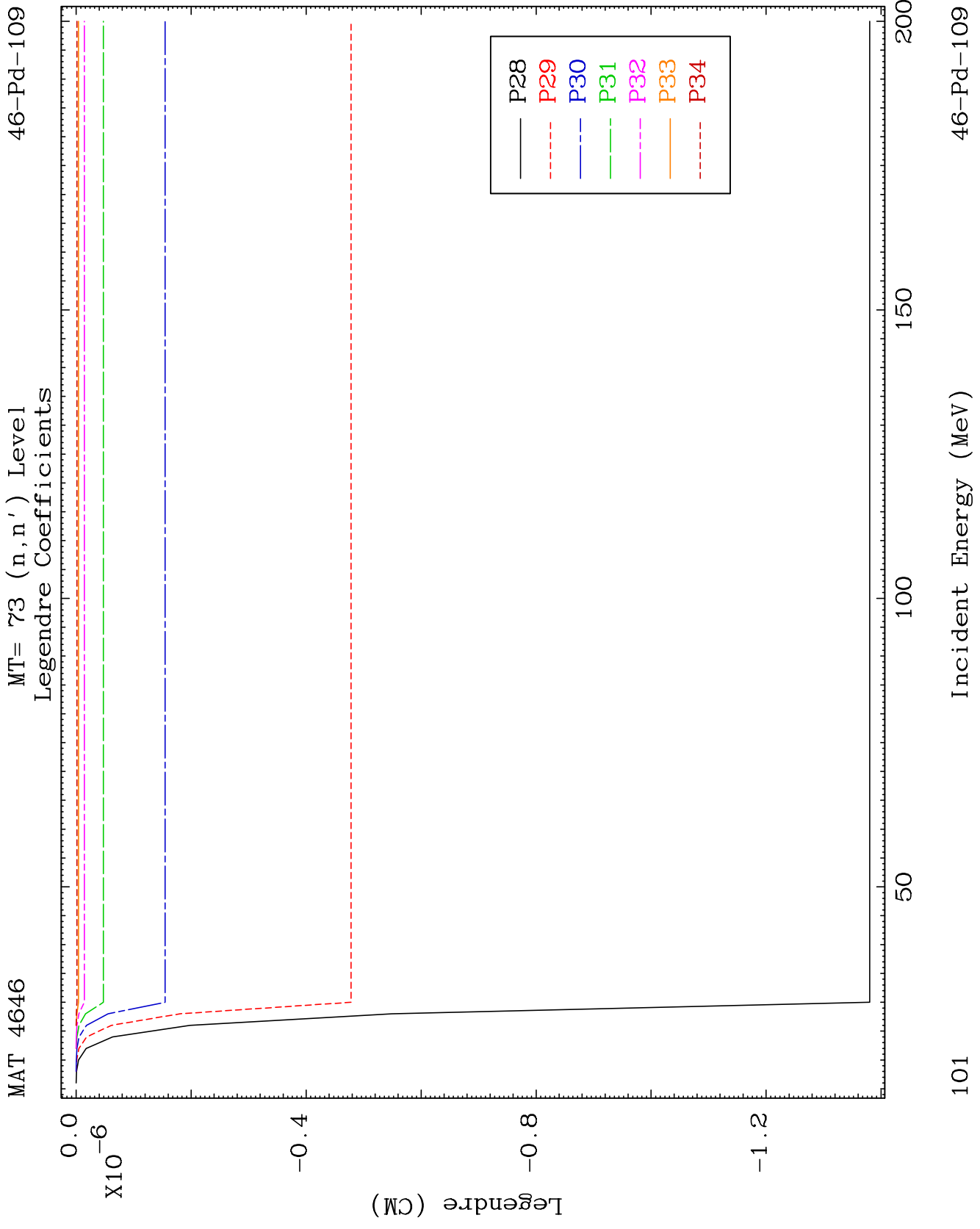


99

Incident Energy (MeV)

46-Pd-109

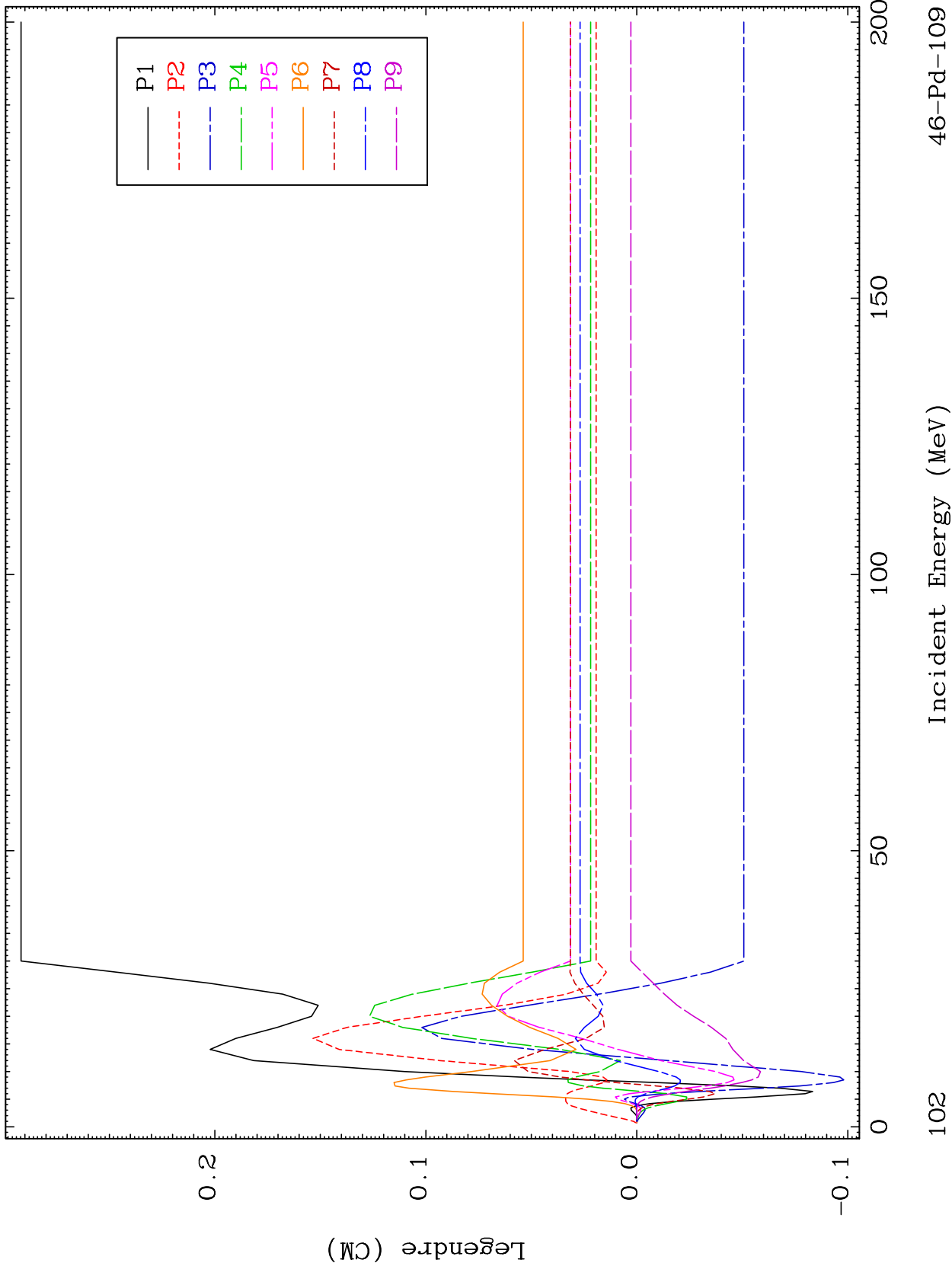




MAT 4646

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

46-Pd-109



46-Pd-109

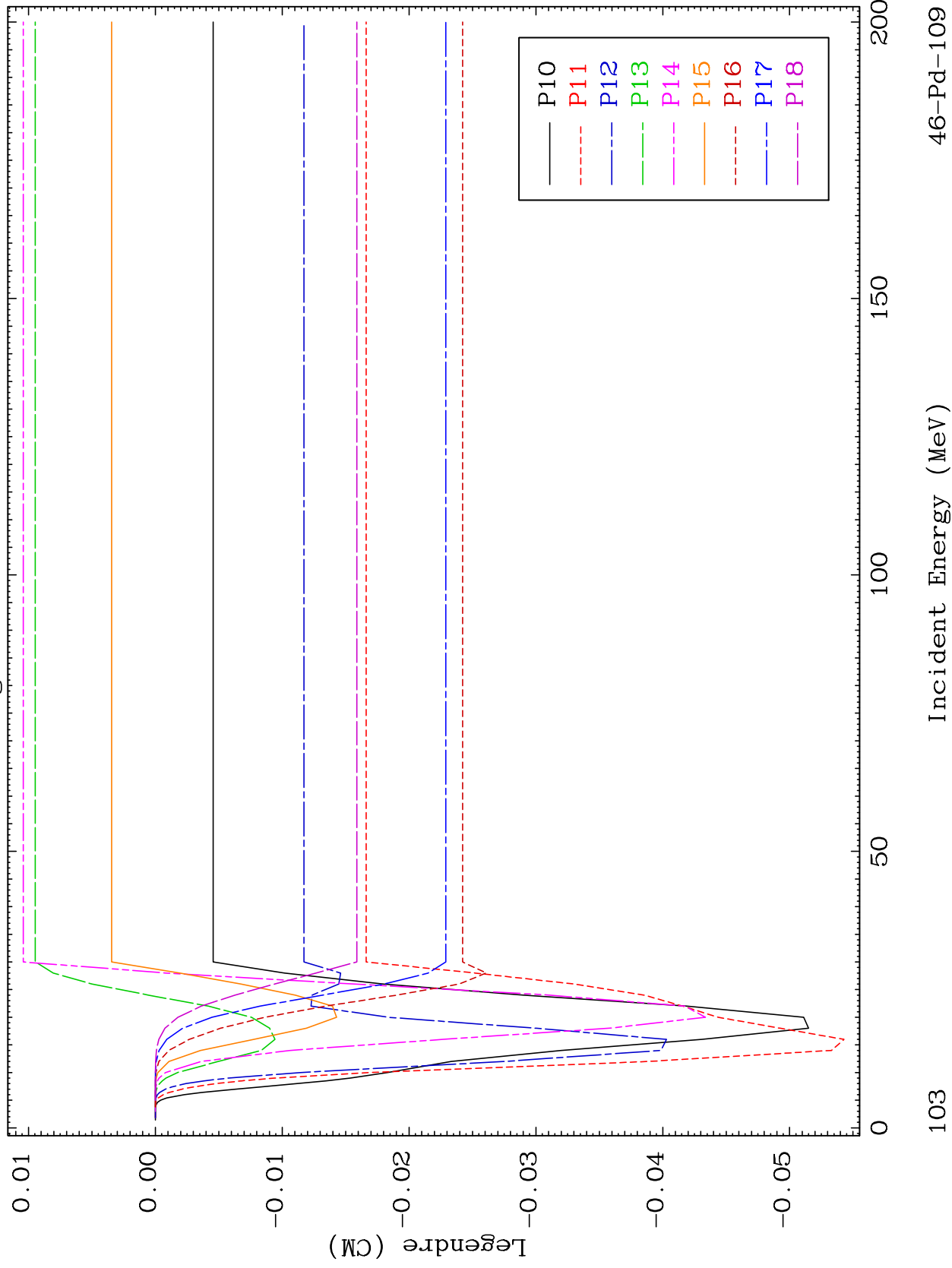
Incident Energy (MeV)

102

MAT 4646

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

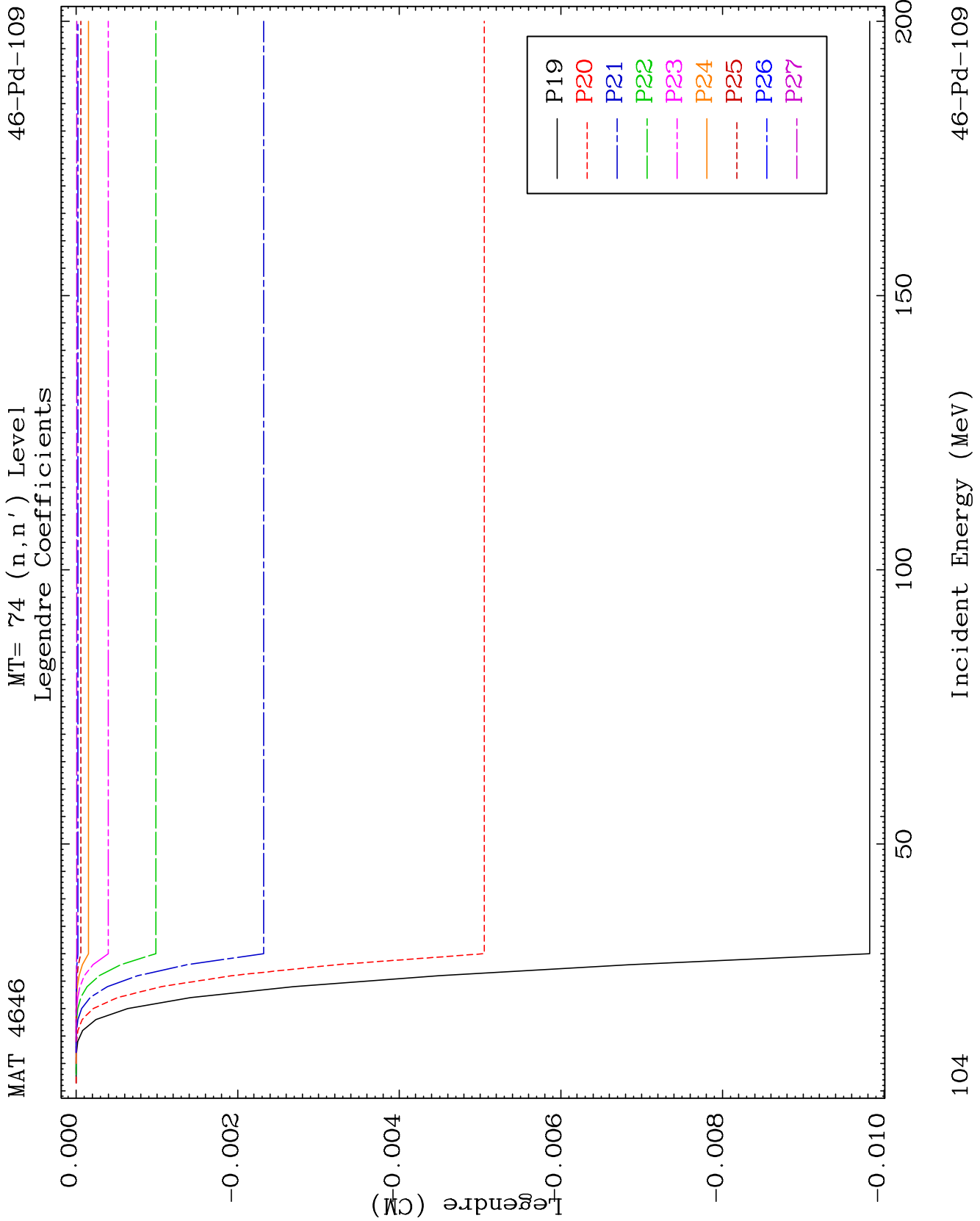
46-Pd-109

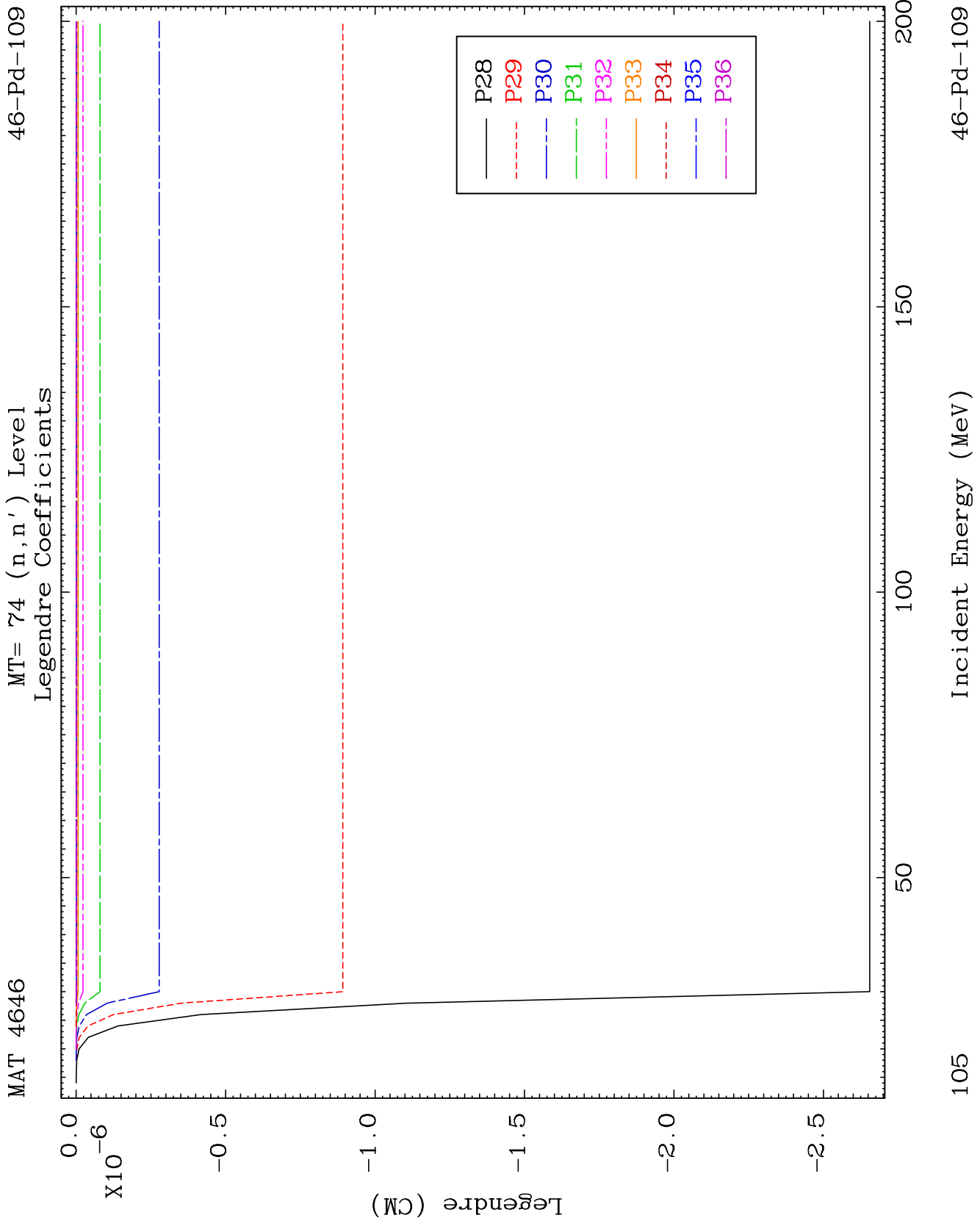


46-Pd-109

Incident Energy (MeV)

103



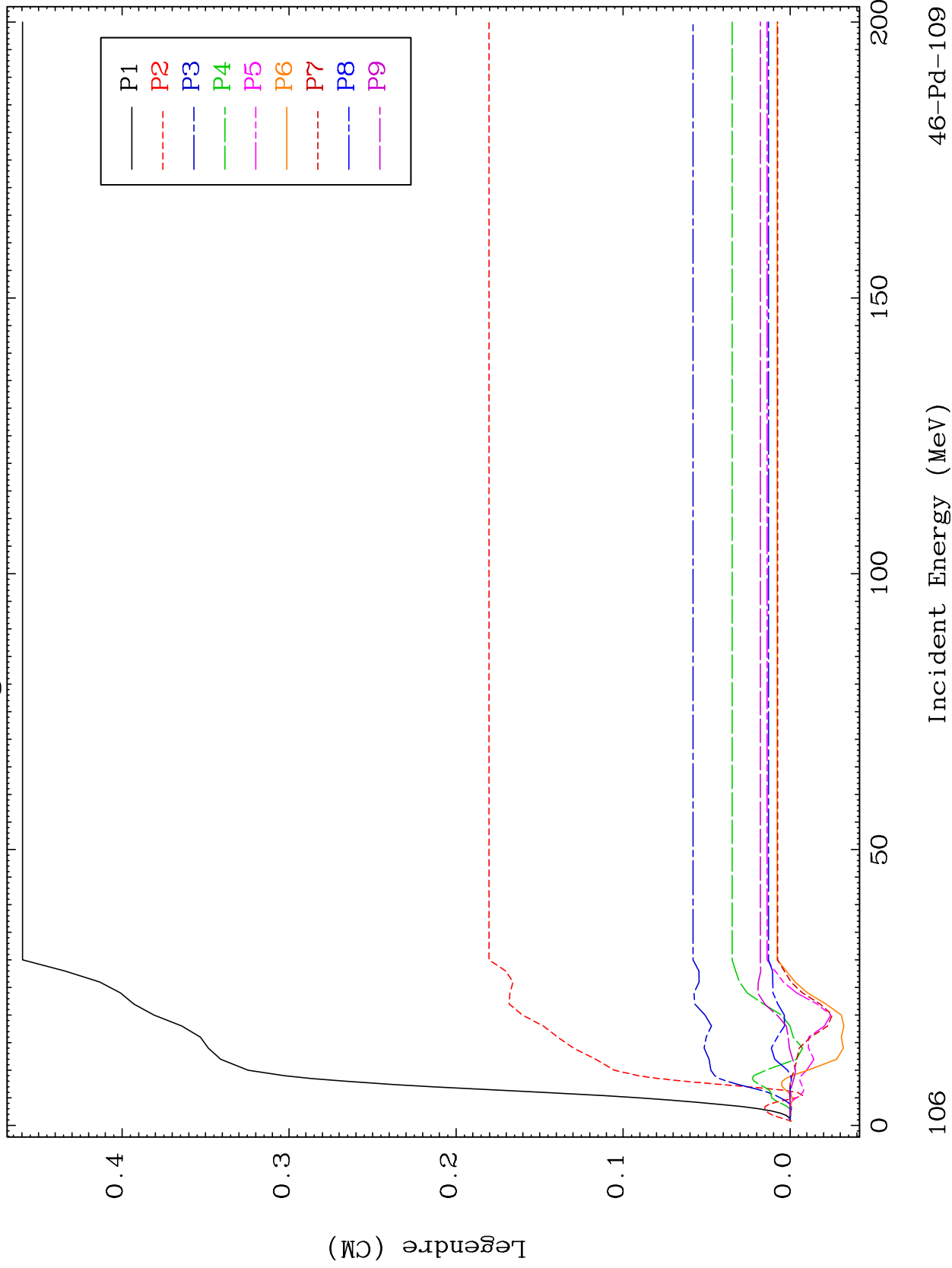


MAT 4646

MT= 75 (n,n') Level

46-Pd-109

Legendre Coefficients



106

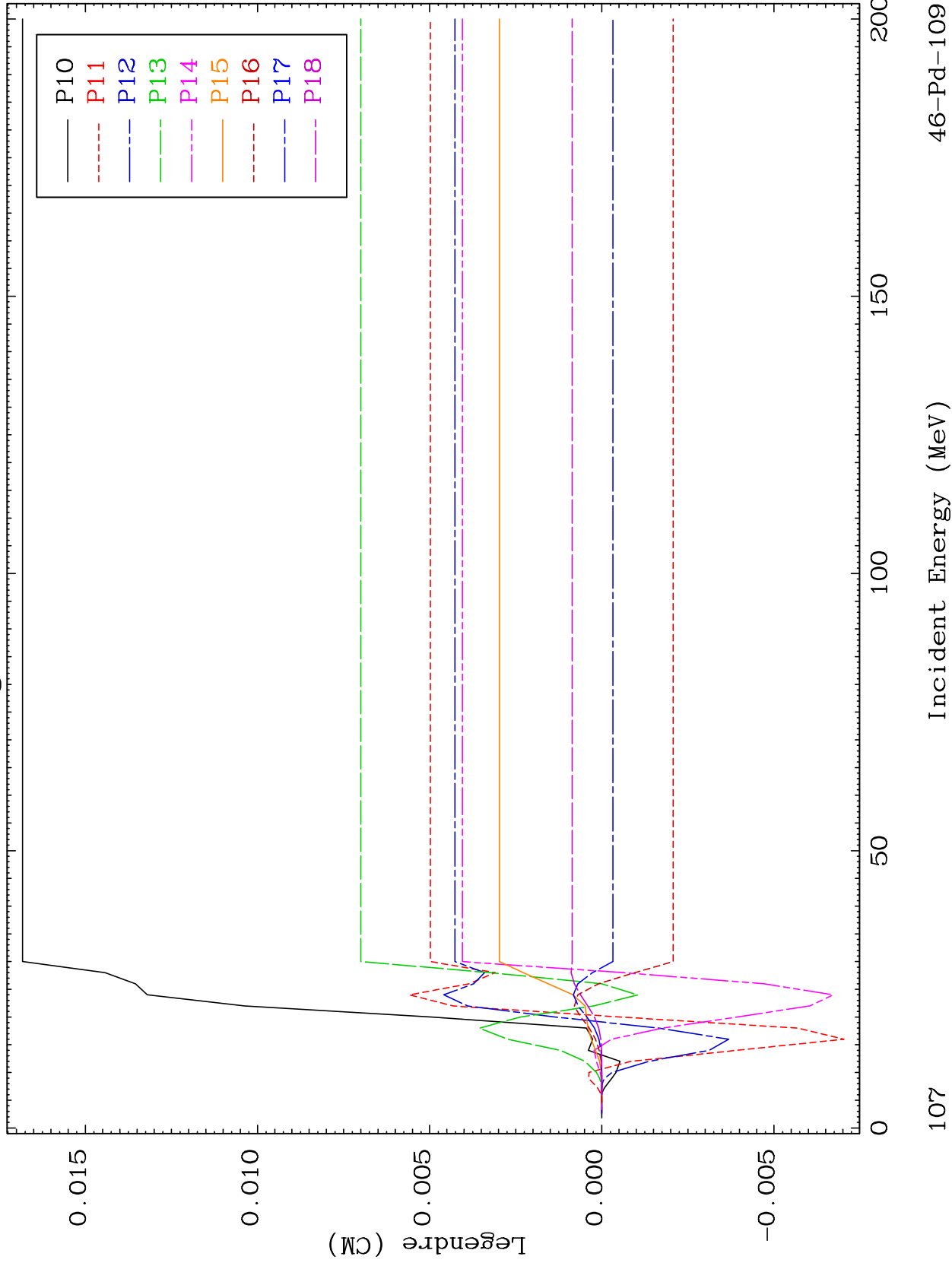
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109



46-Pd-109

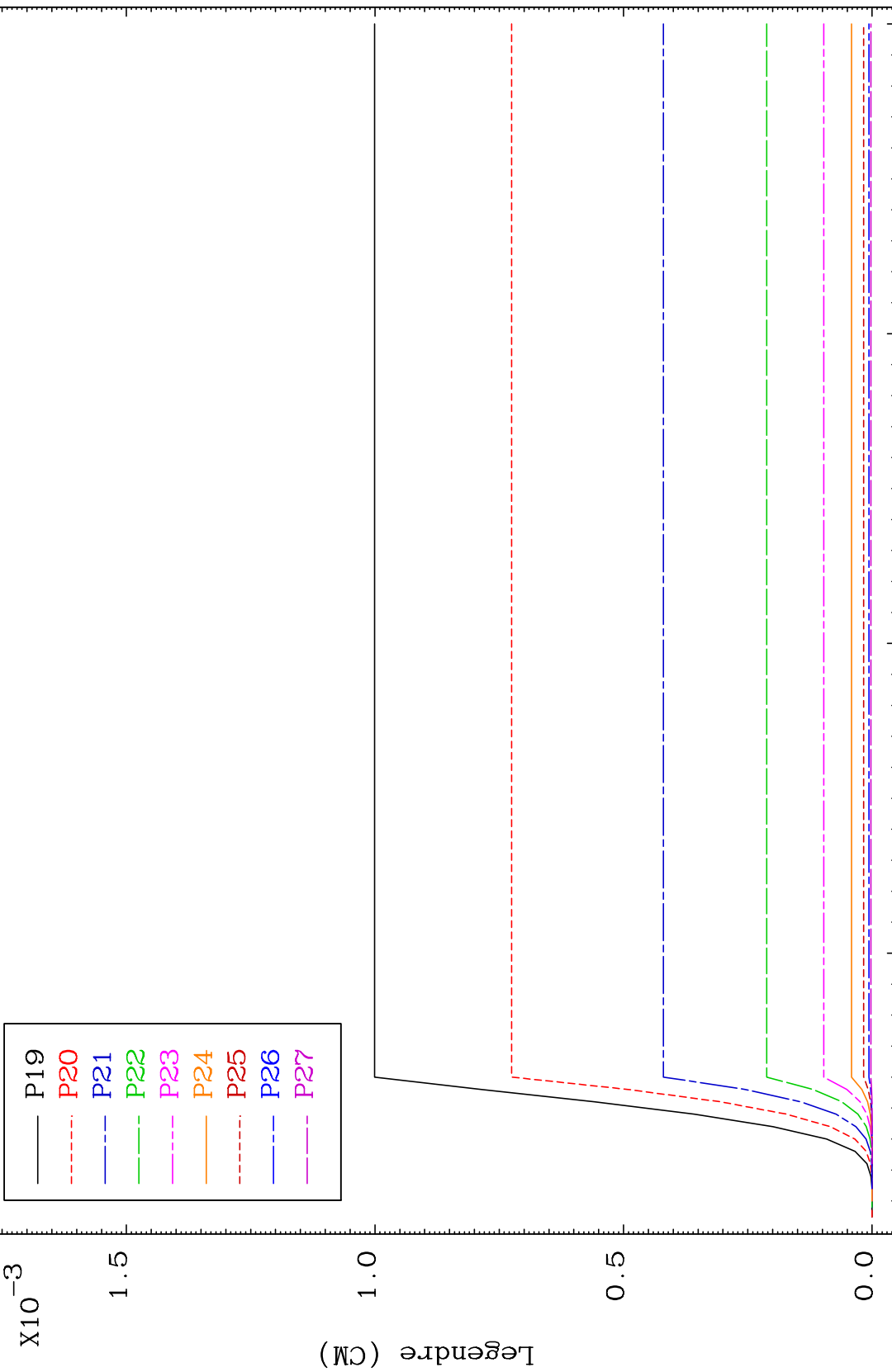
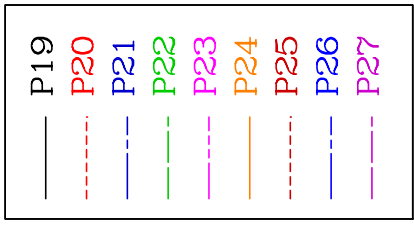
Incident Energy (MeV)

107

MAT 4646

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

46-Pd-109



108

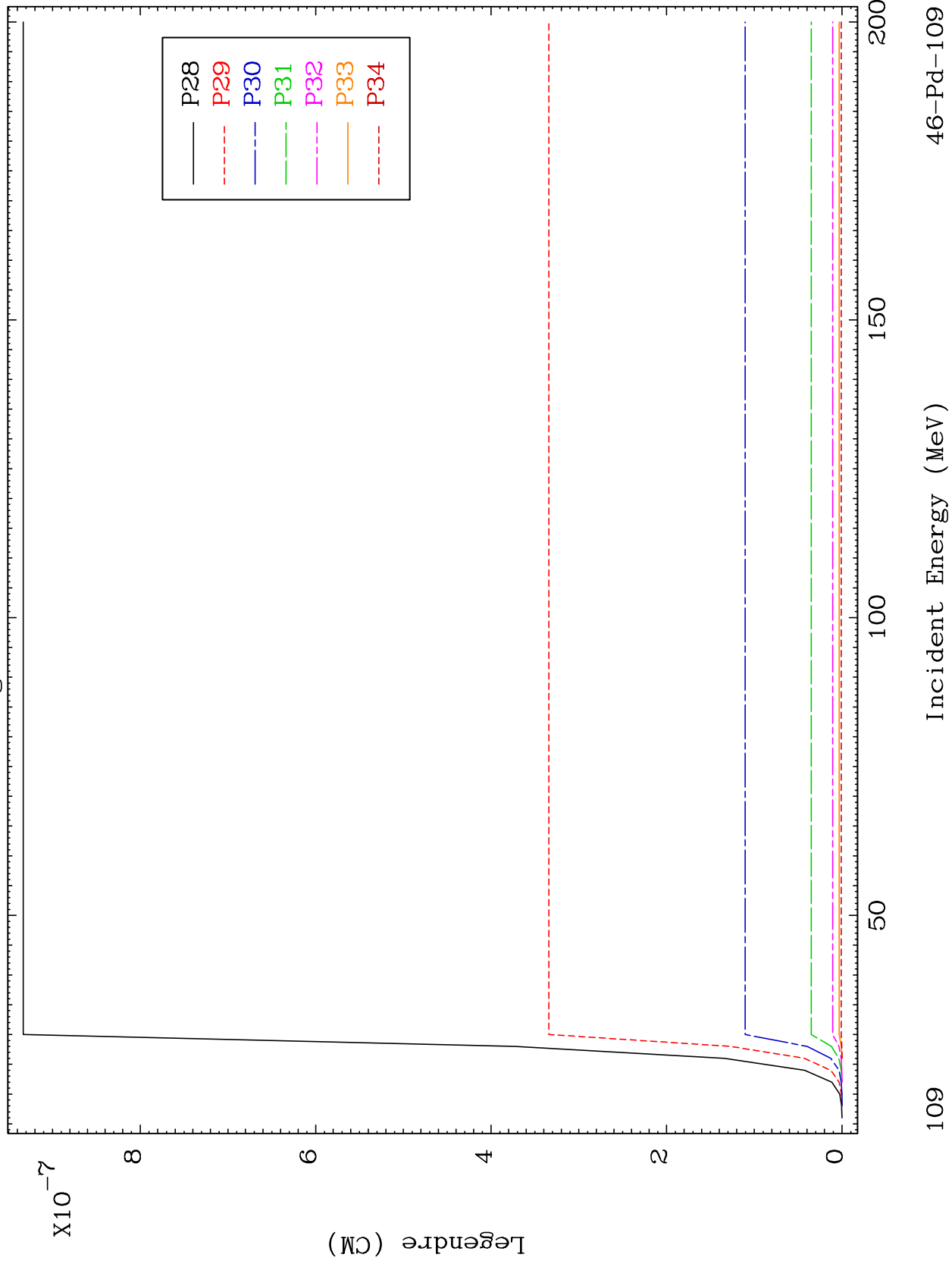
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

46-Pd-109

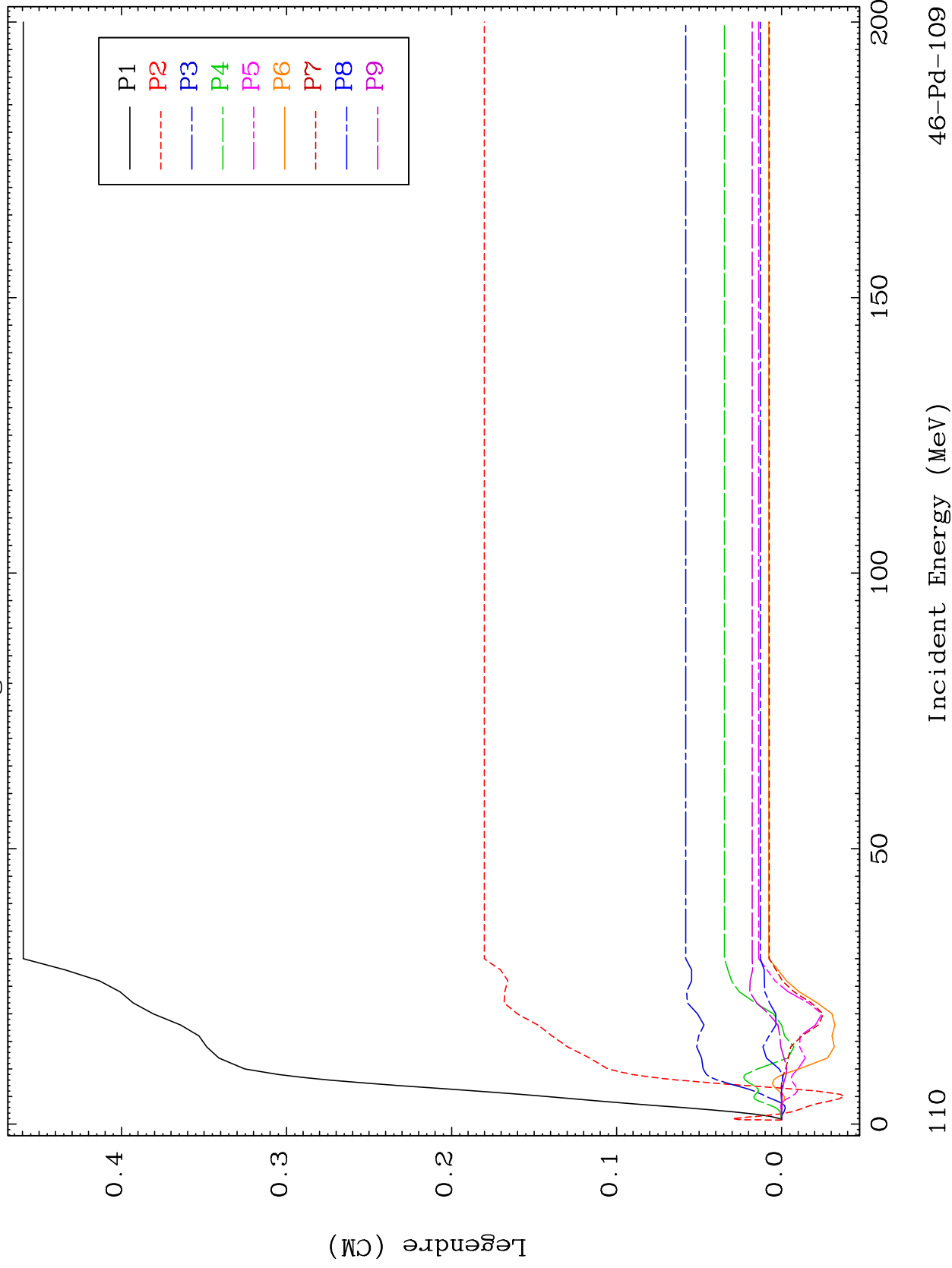


46-Pd-109

MAT 4646

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

46-Pd-109



46-Pd-109

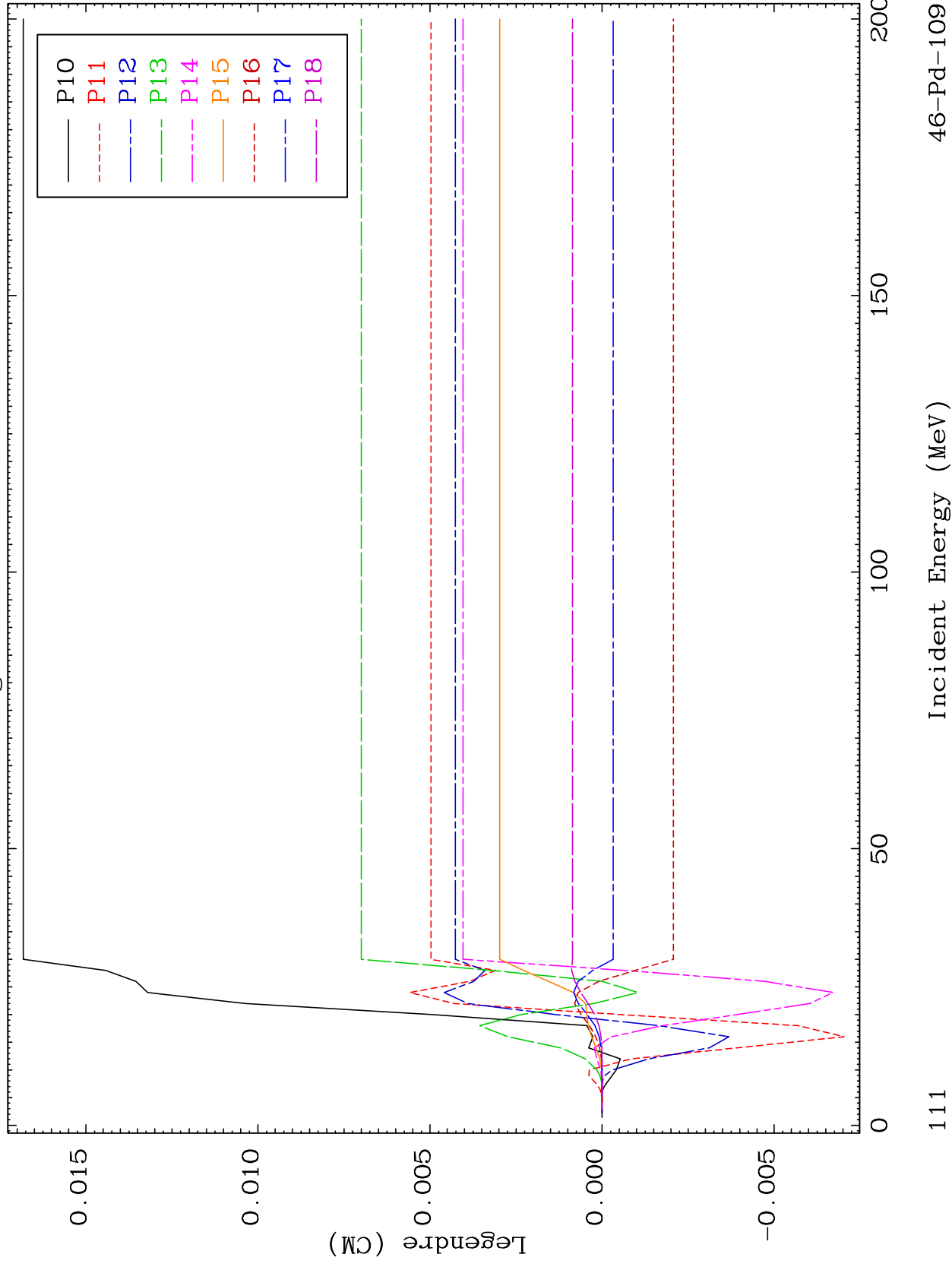
Incident Energy (MeV)

110

MAT 4646

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

46-Pd-109



46-Pd-109

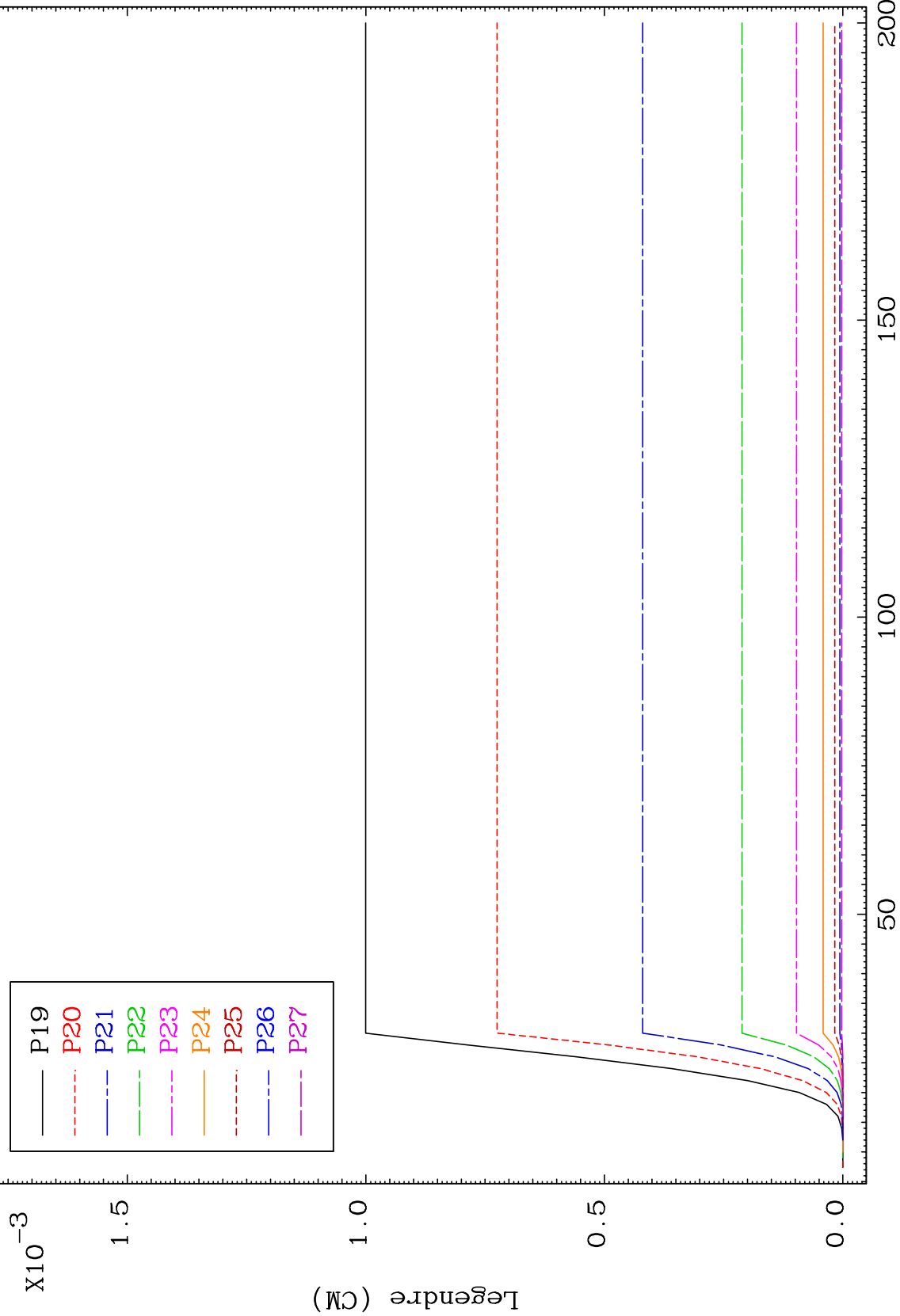
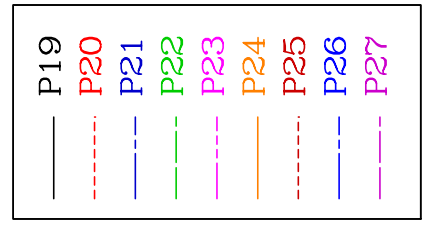
Incident Energy (MeV)

111

MAT 4646

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

46-Pd-109



112

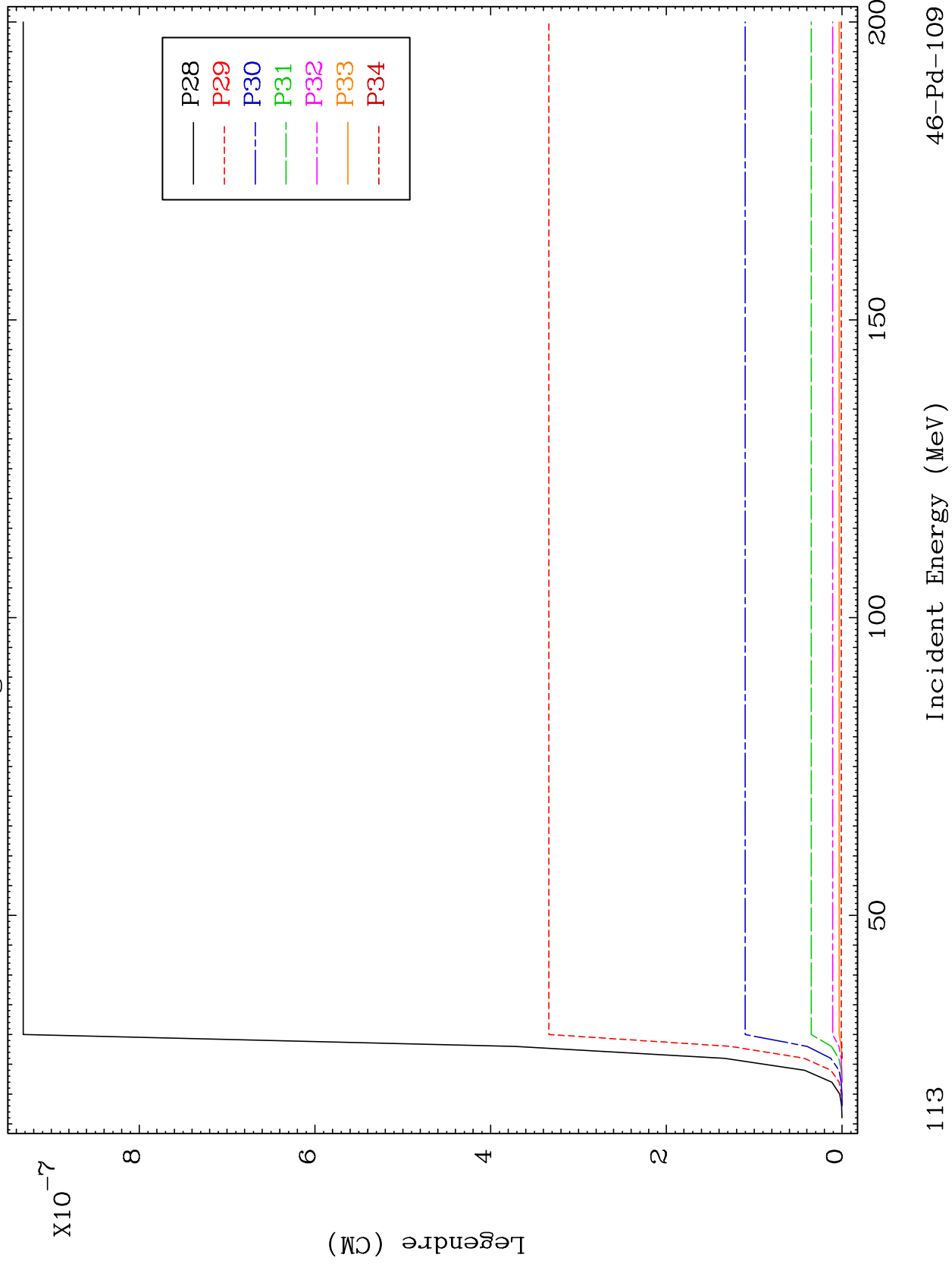
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

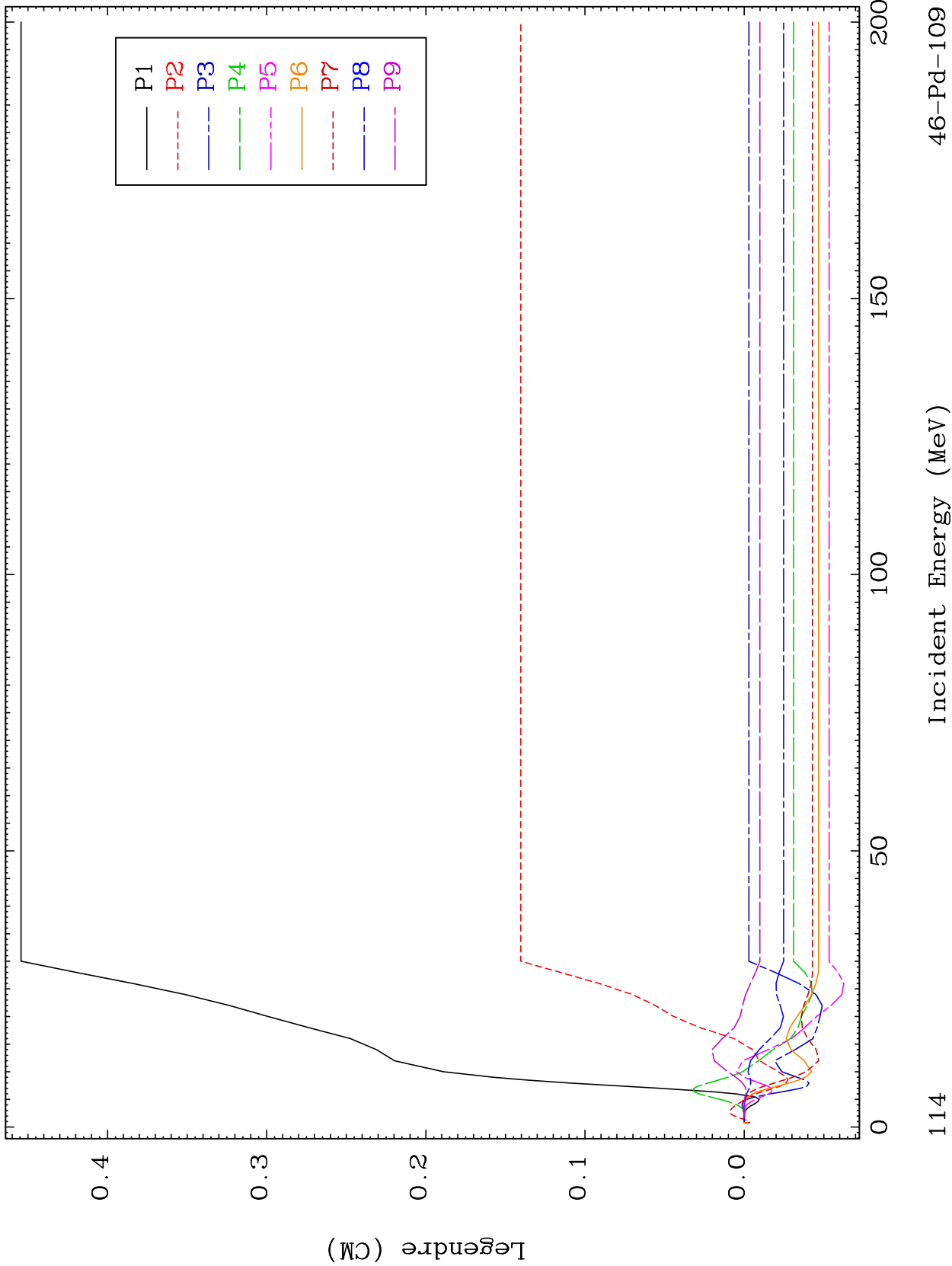
46-Pd-109



MAT 4646

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

46-Pd-109



114

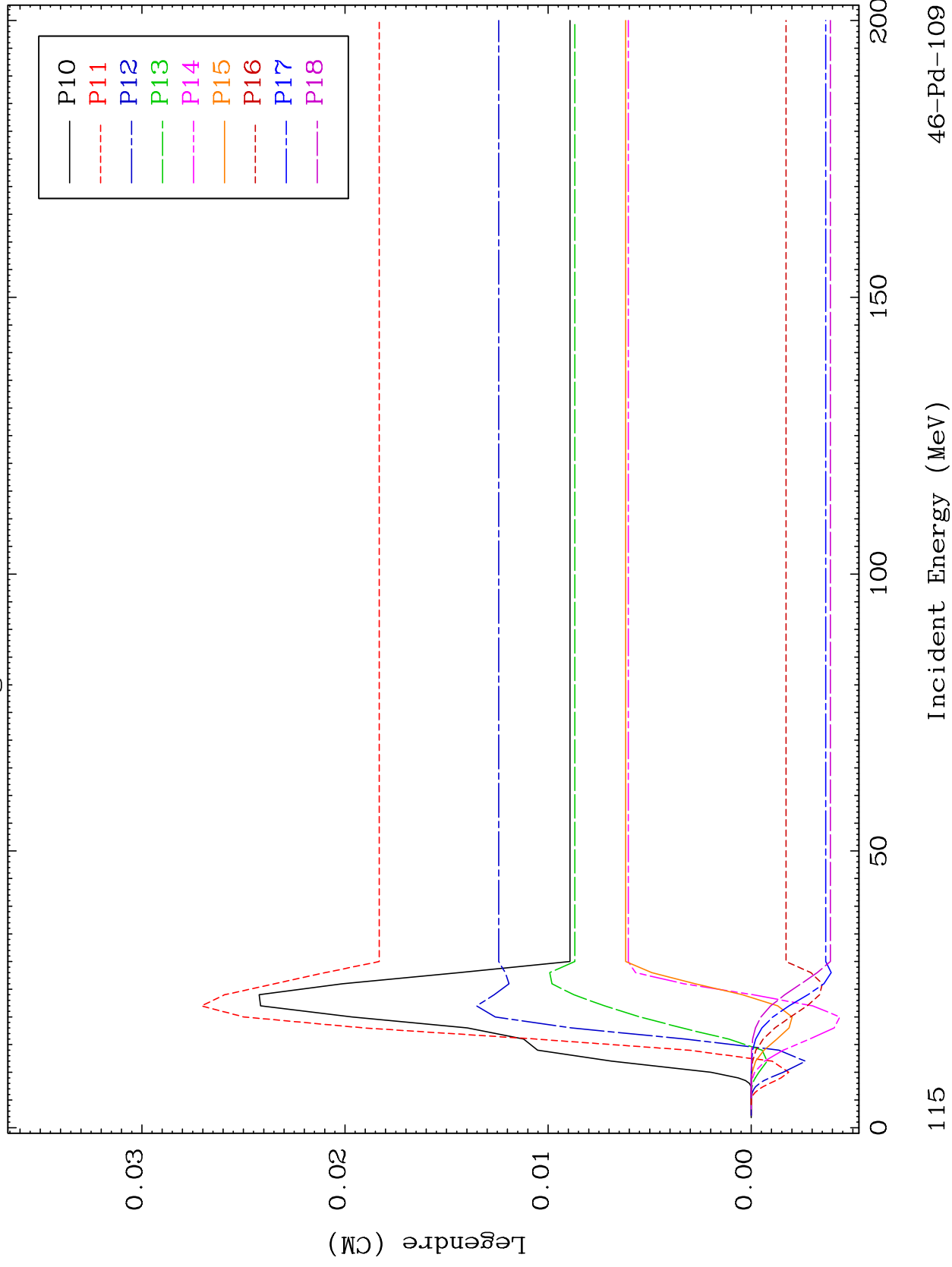
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

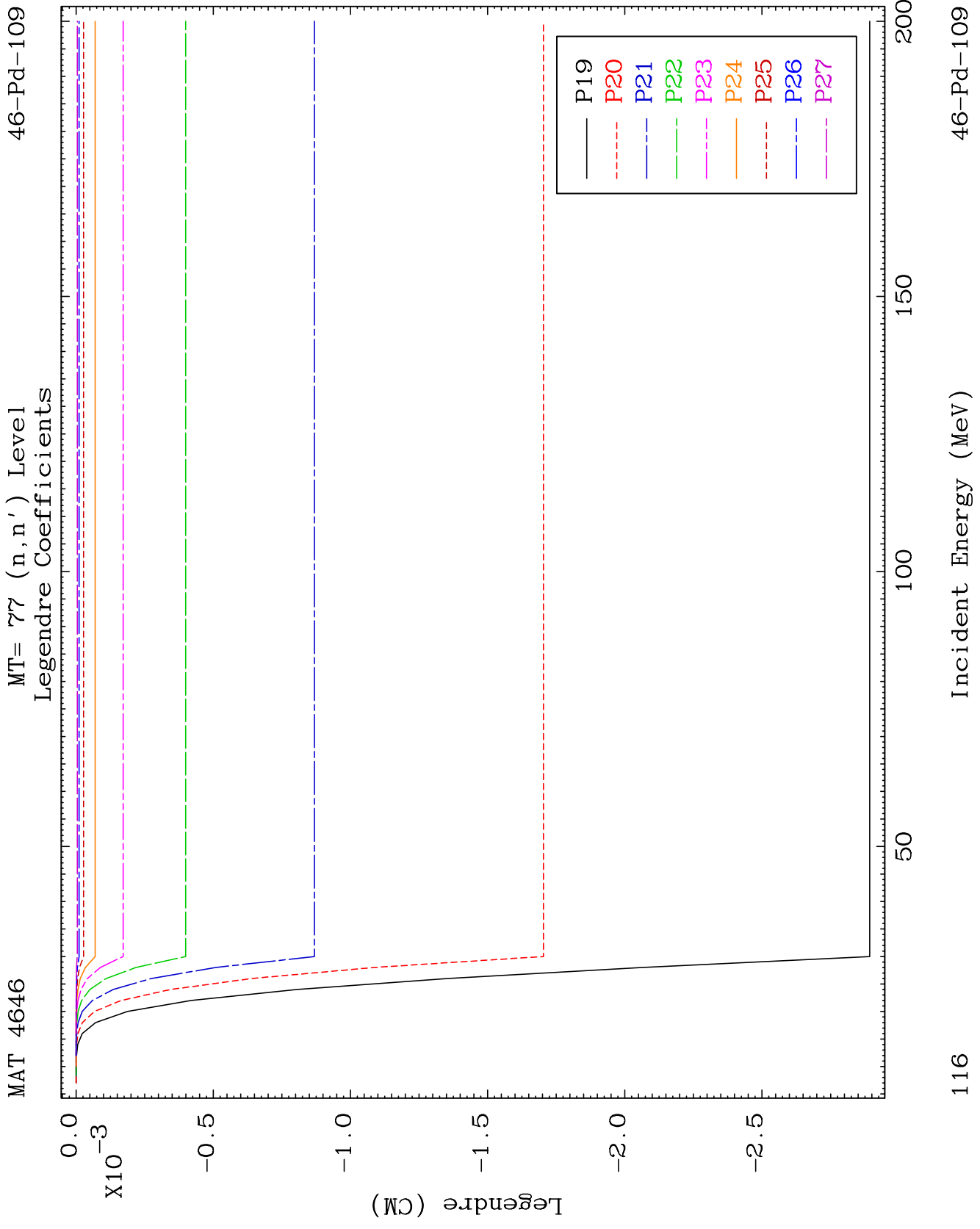
46-Pd-109

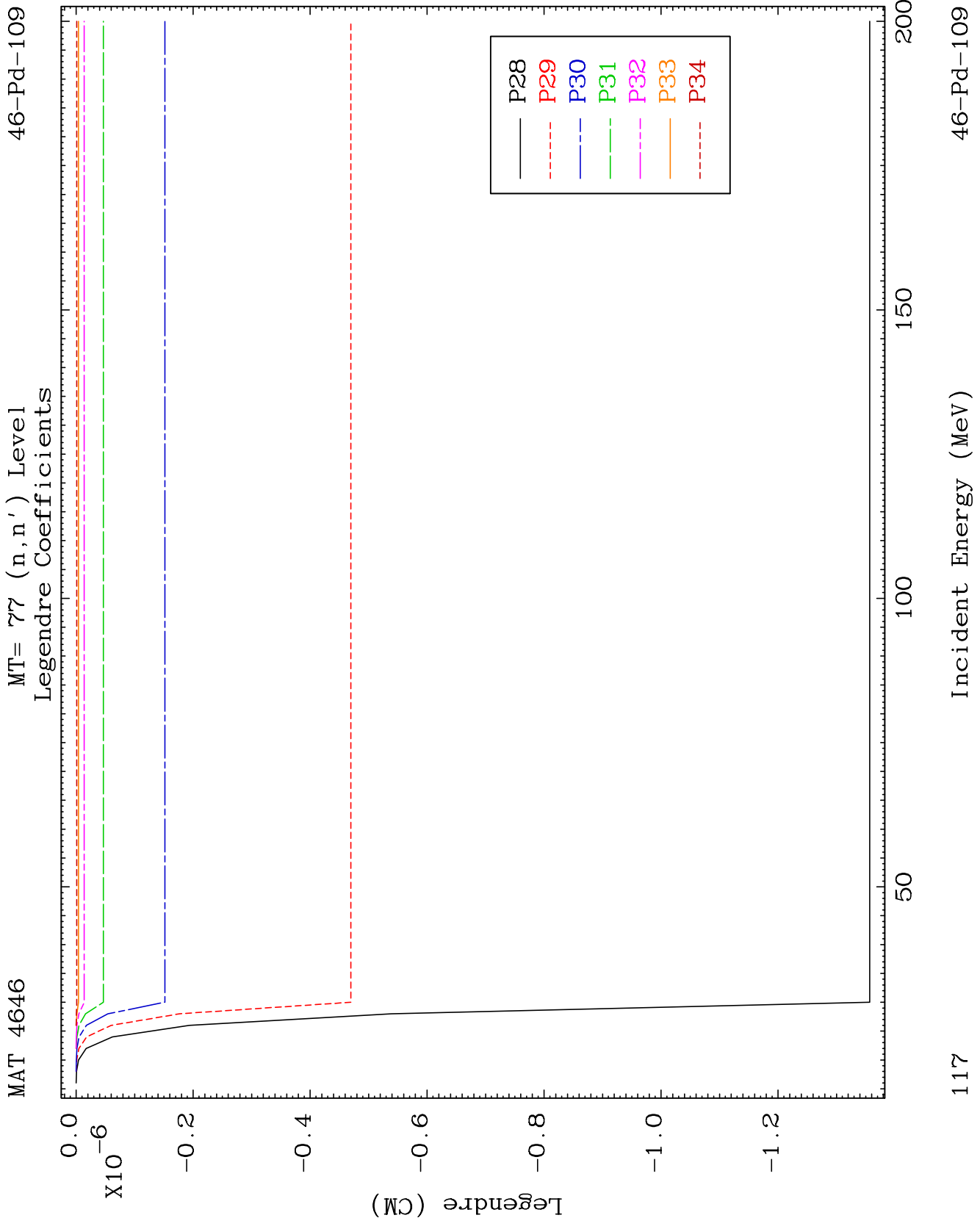


46-Pd-109

Incident Energy (MeV)

115

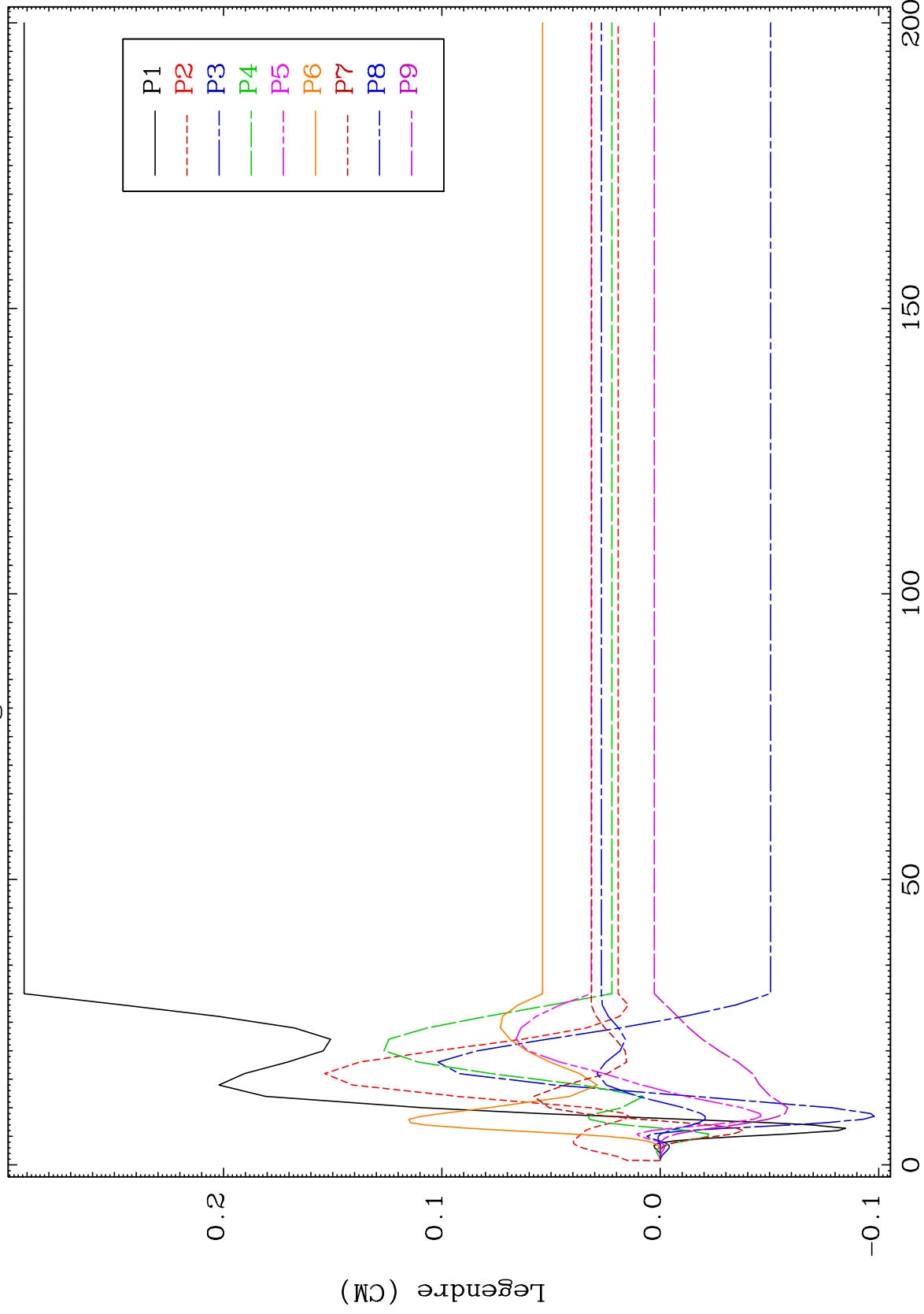




MAT 4646

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

46-Pd-109



118

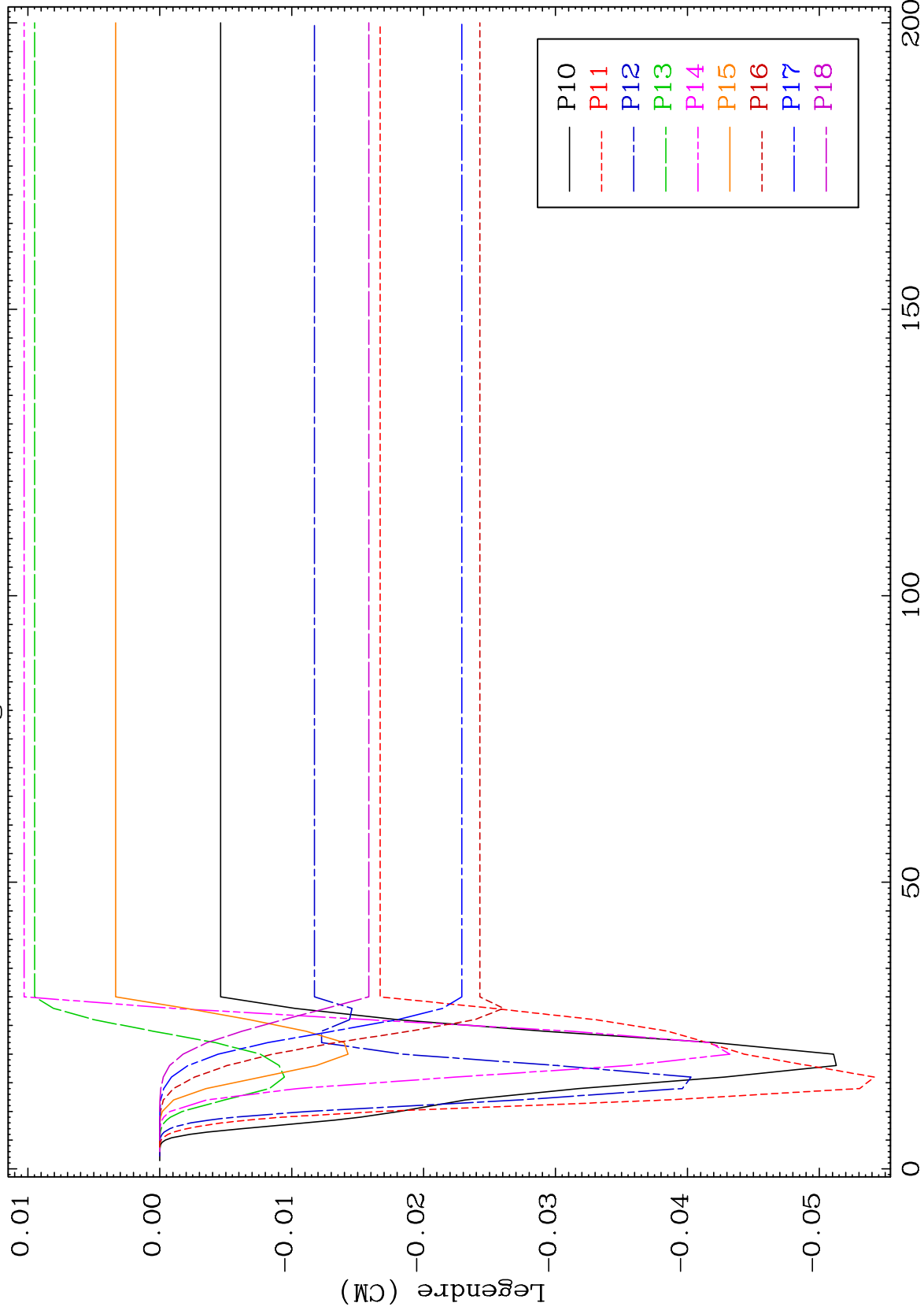
Incident Energy (MeV)

46-Pd-109

MAT 4646

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

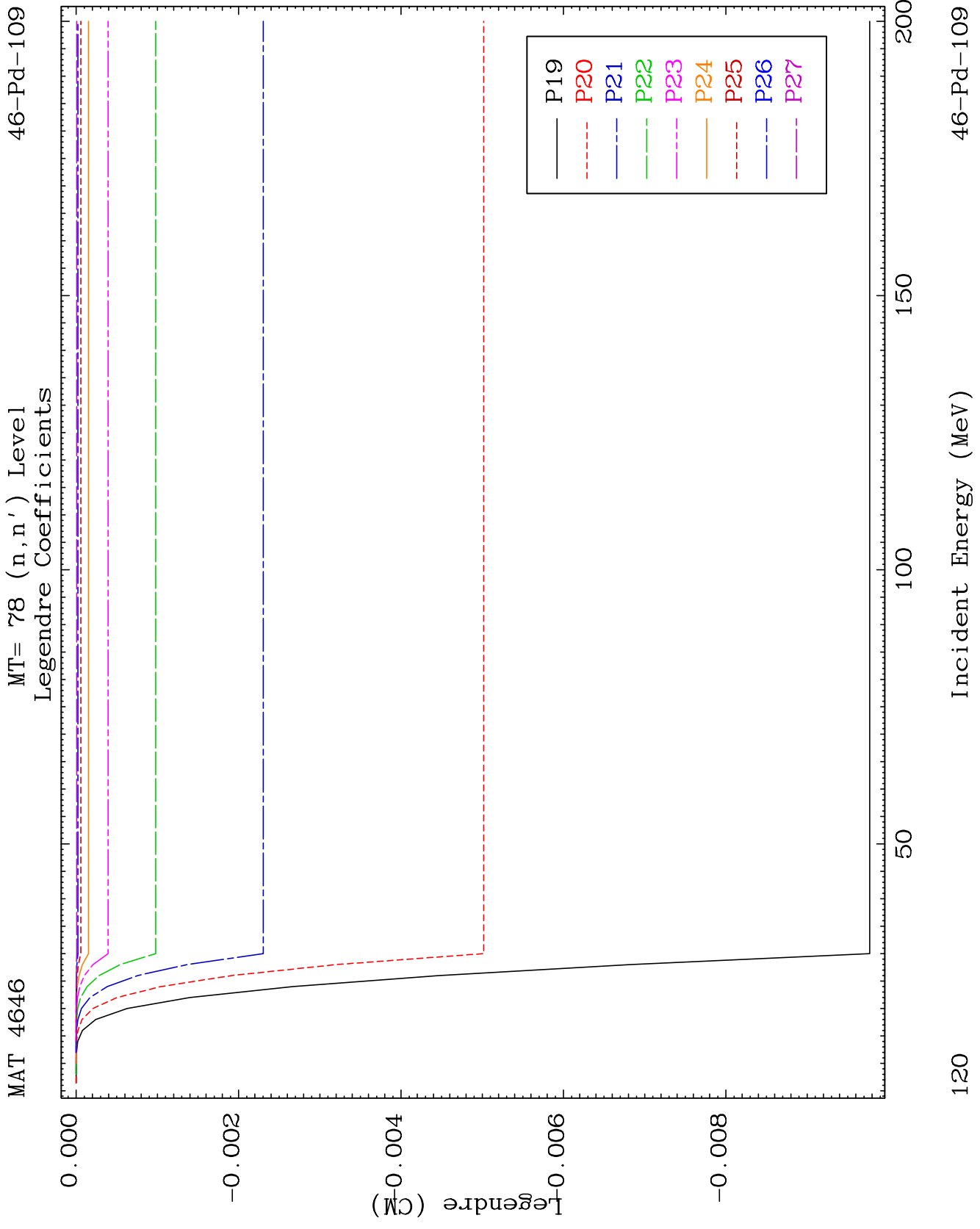
46-Pd-109

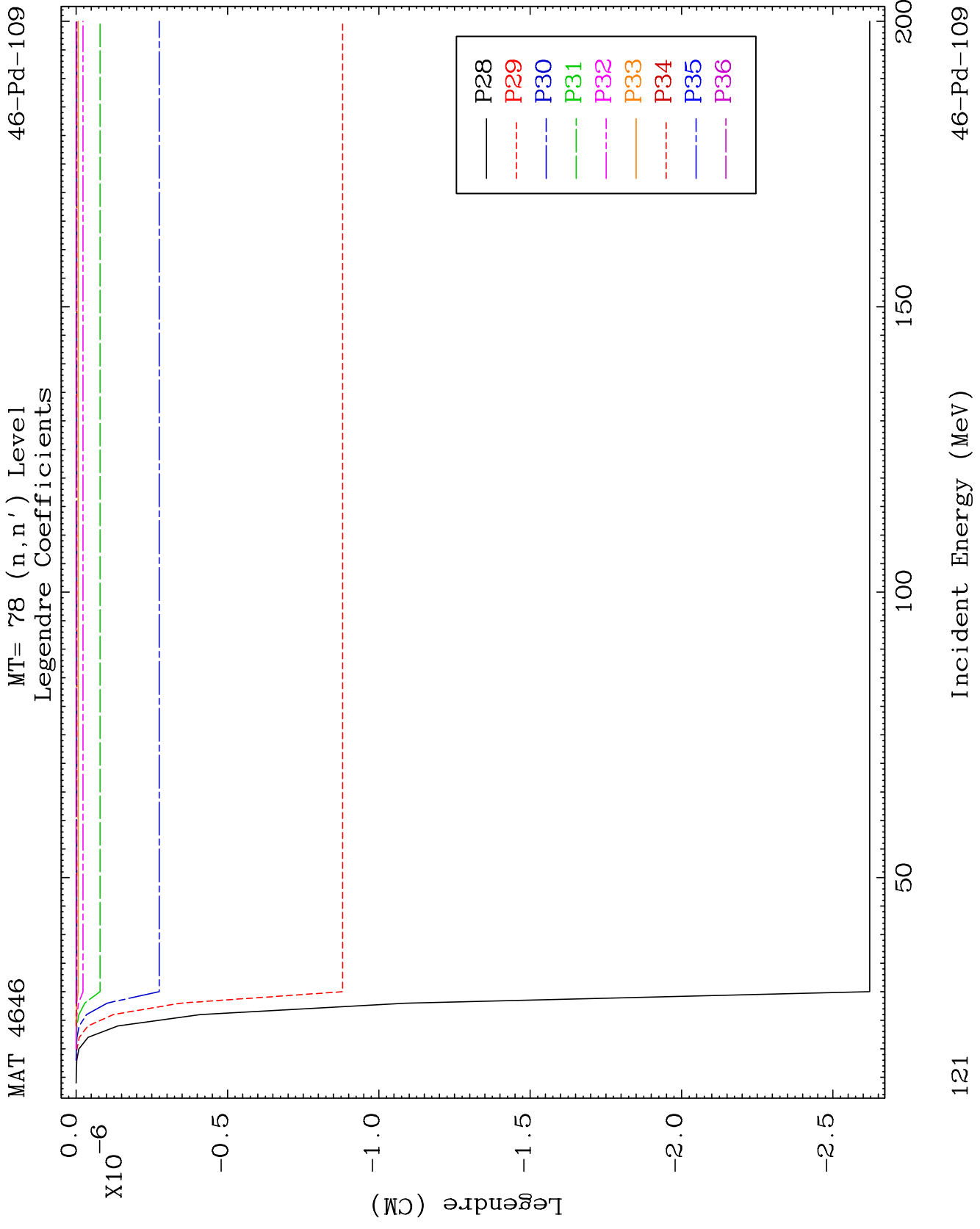


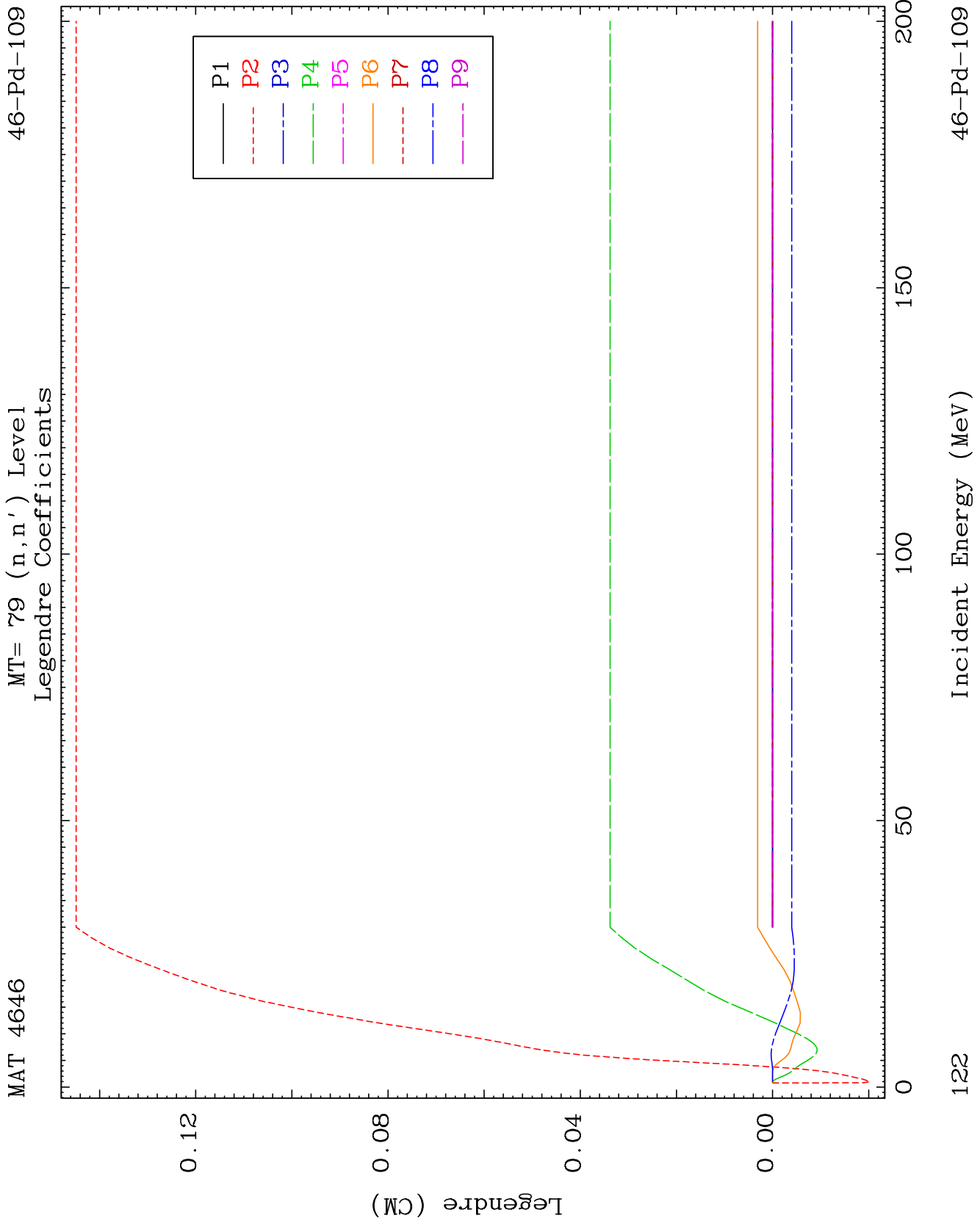
119

Incident Energy (MeV)

46-Pd-109



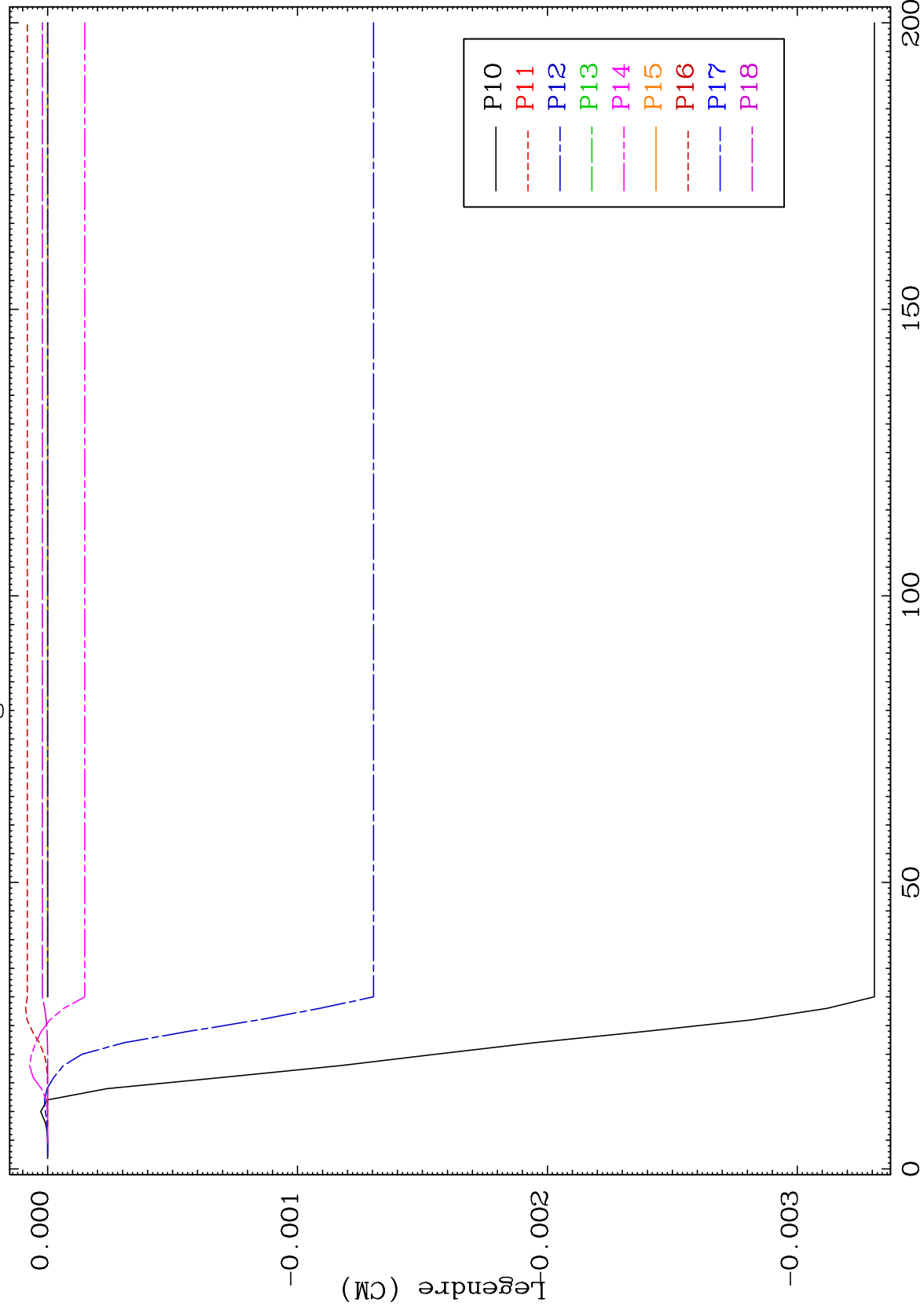




MAT 4646

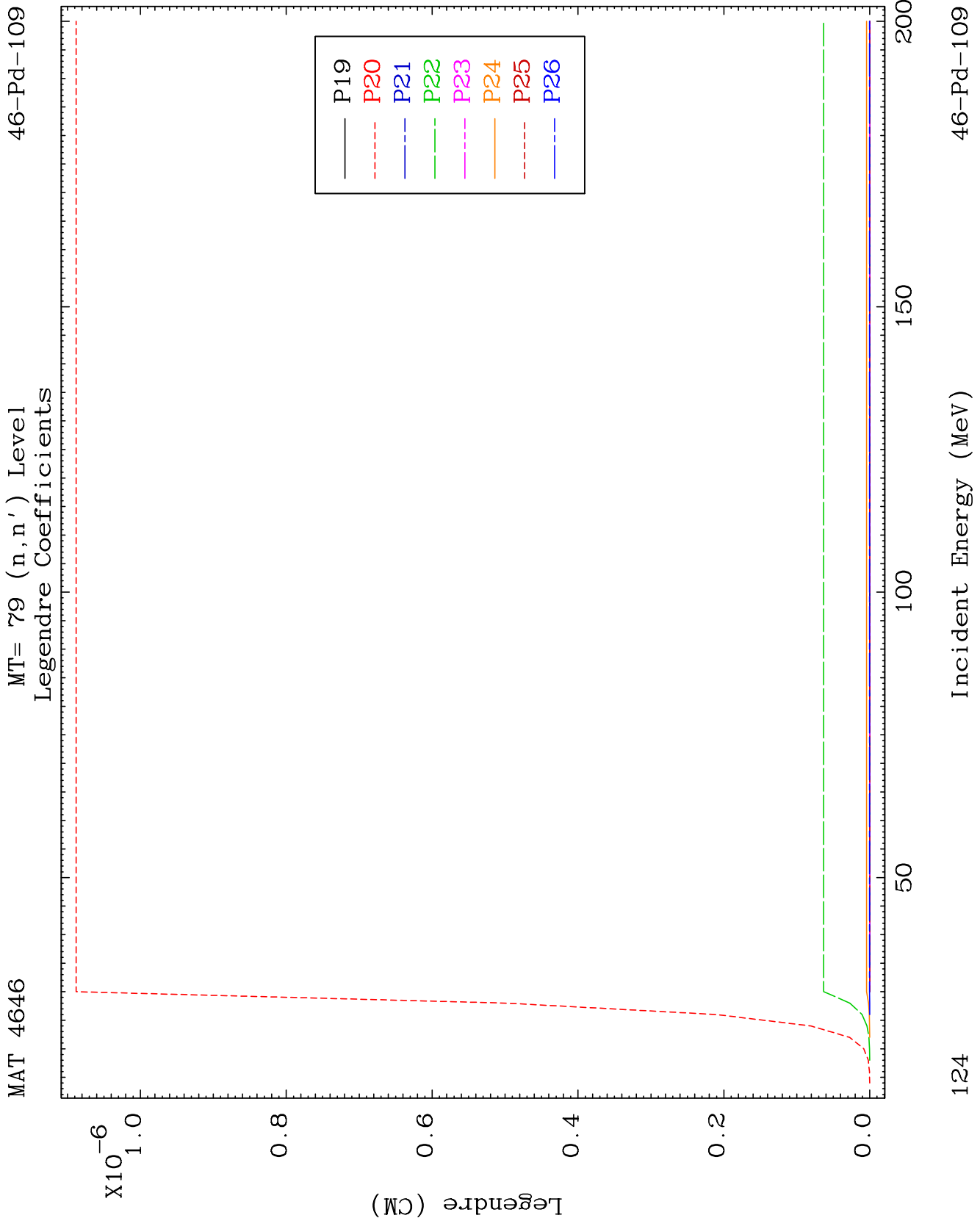
MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-109



123

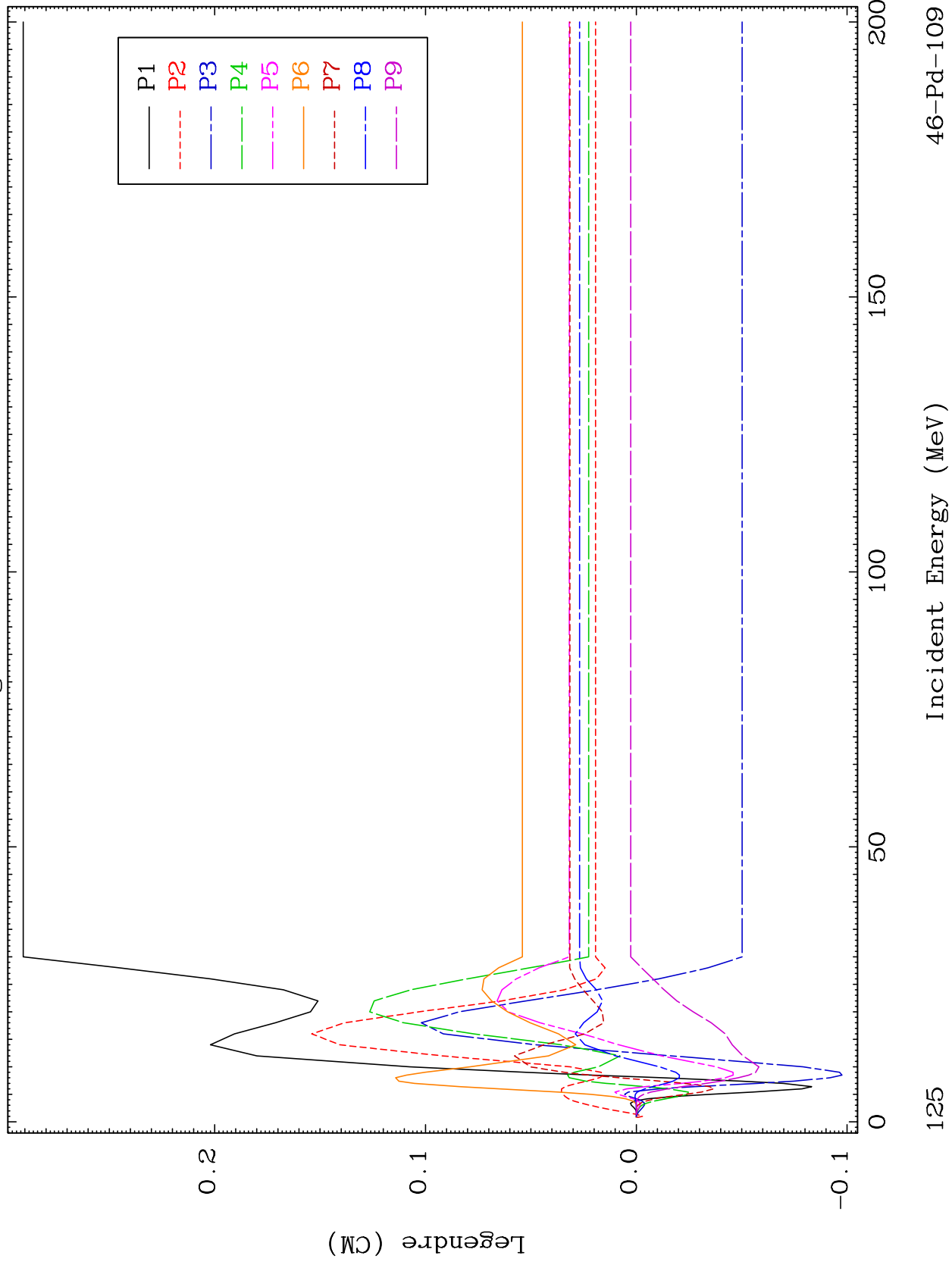
46-Pd-109



MAT 4646

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

46-Pd-109



46-Pd-109

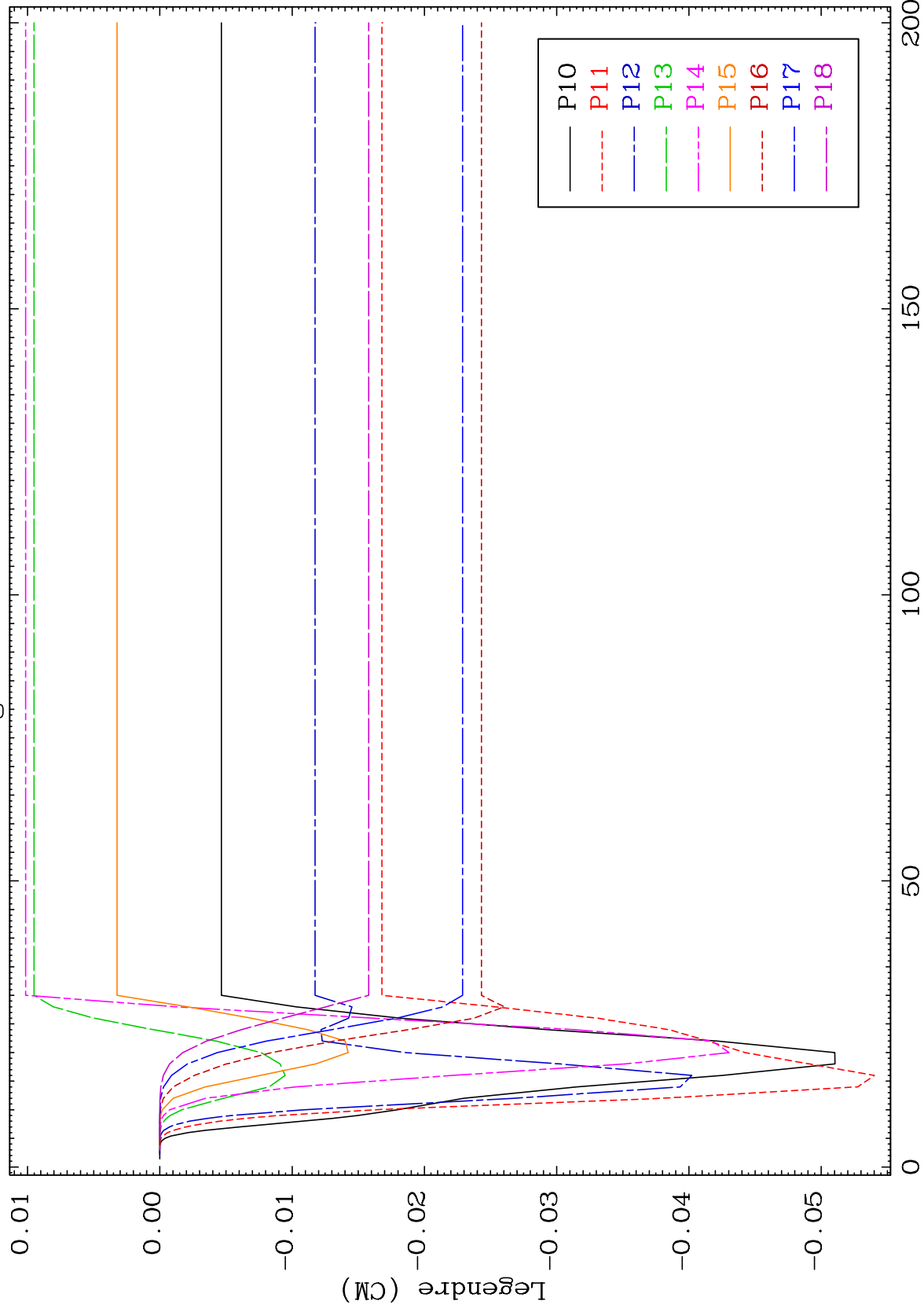
Incident Energy (MeV)

125

MAT 4646

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

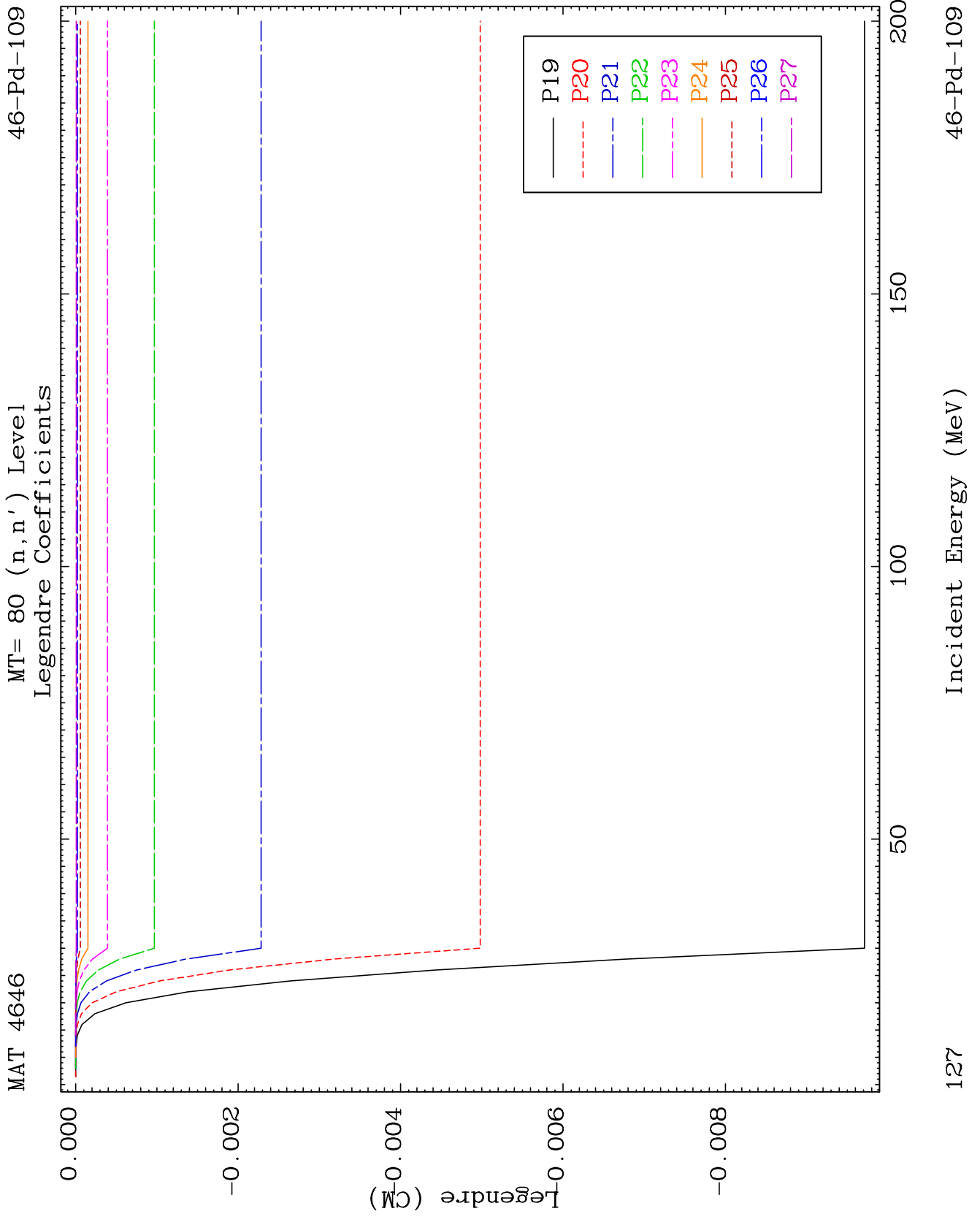
46-Pd-109

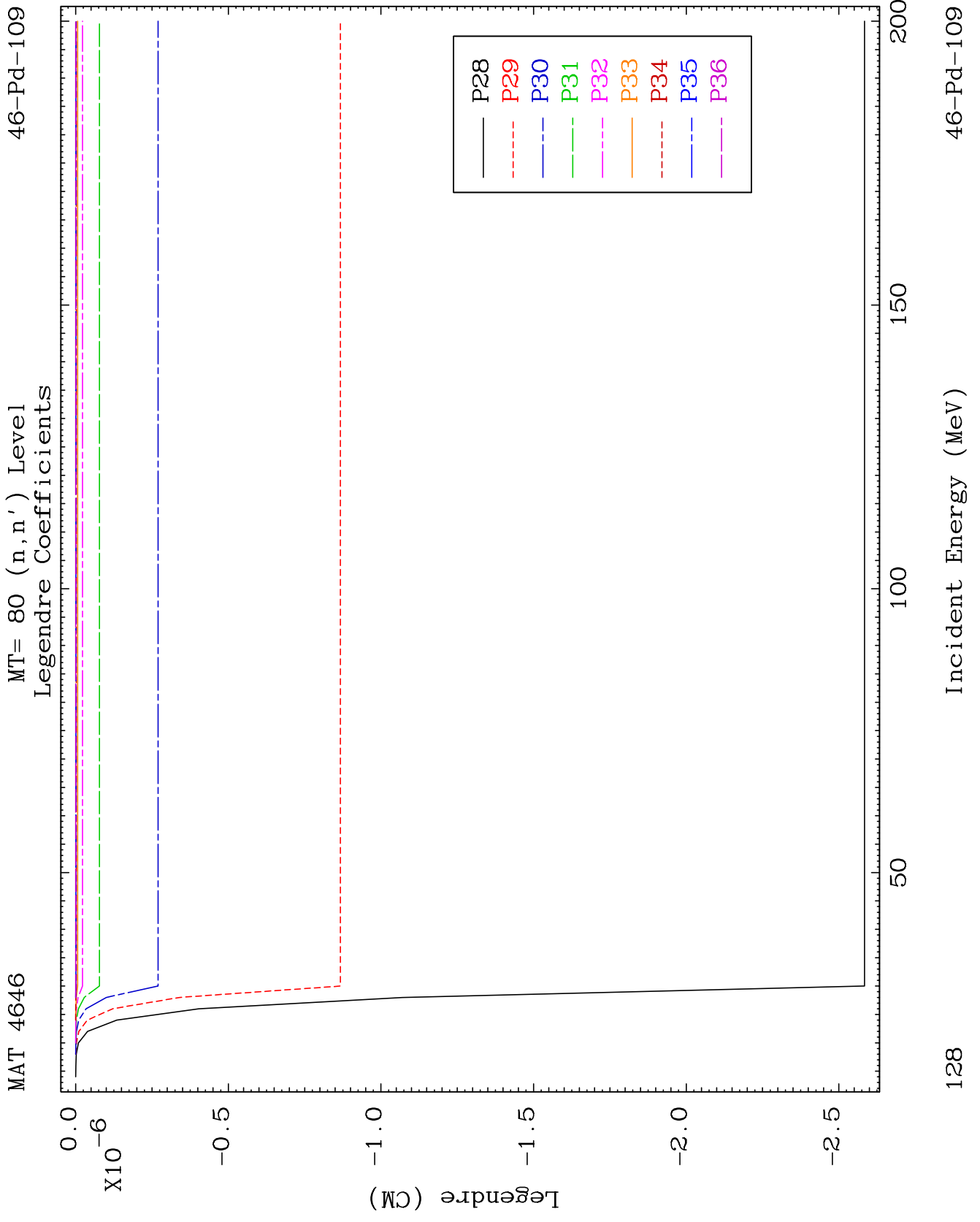


126

Incident Energy (MeV)

46-Pd-109

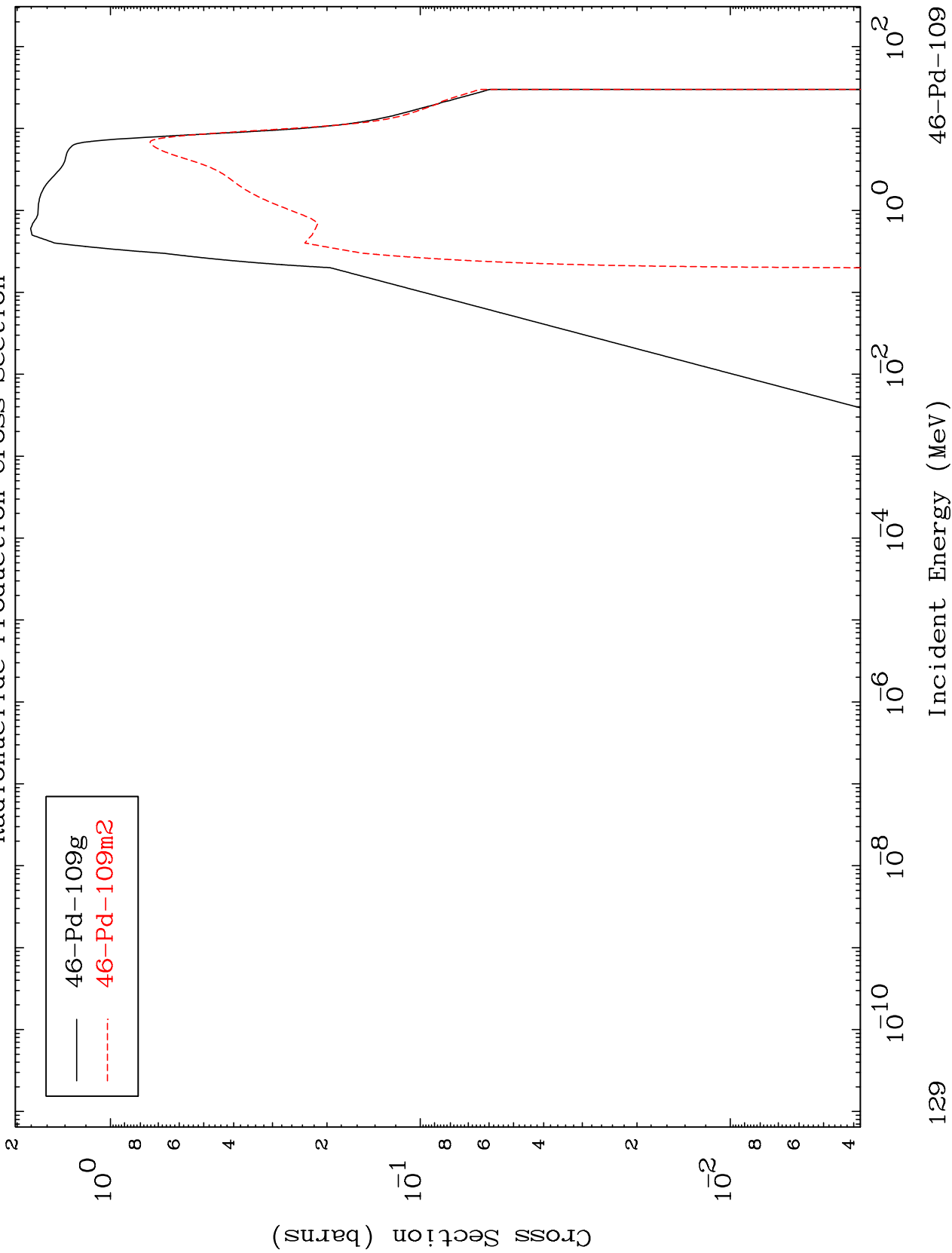


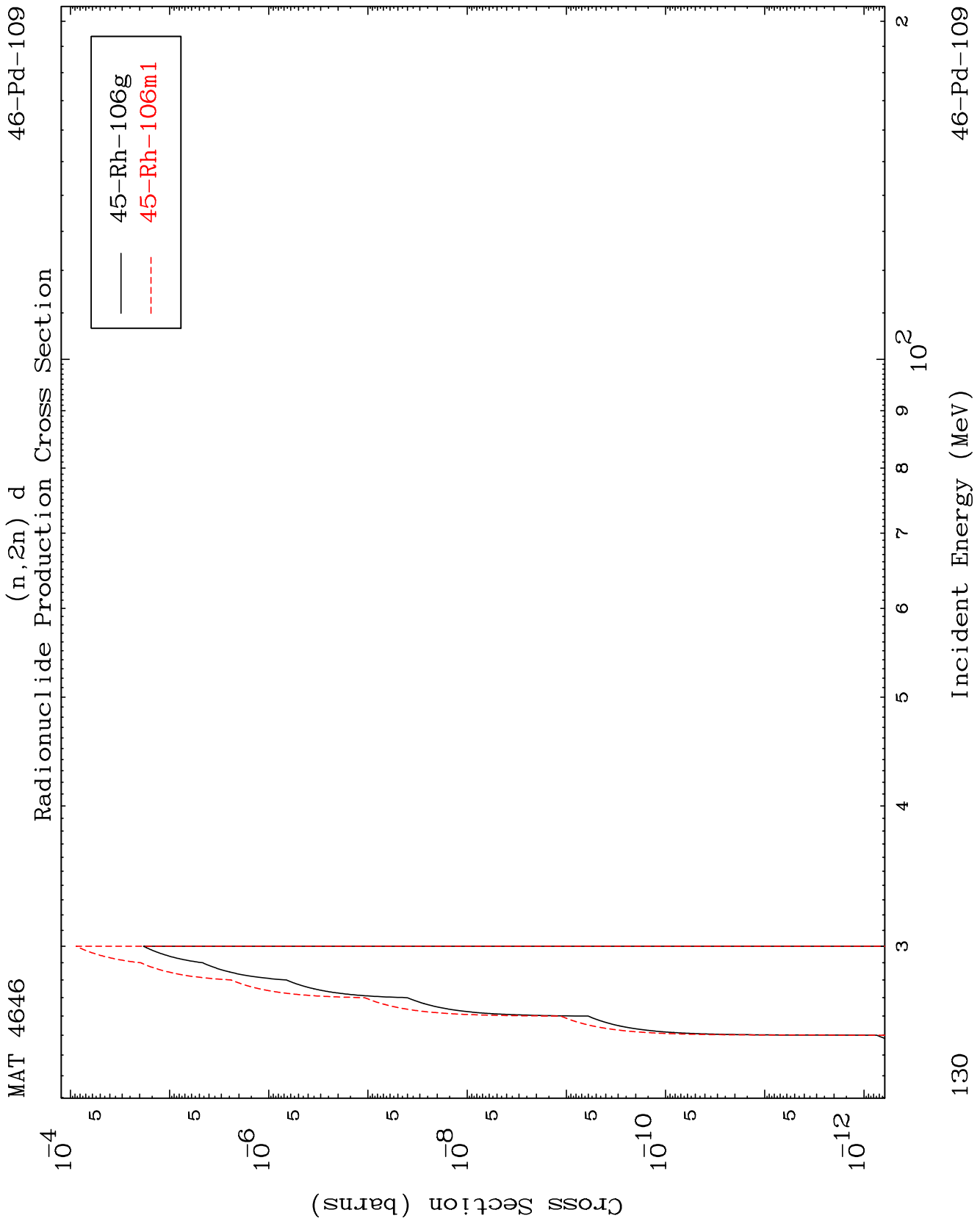


MAT 4646

46-Pd-109

Inelastic
Radionuclide Production Cross Section



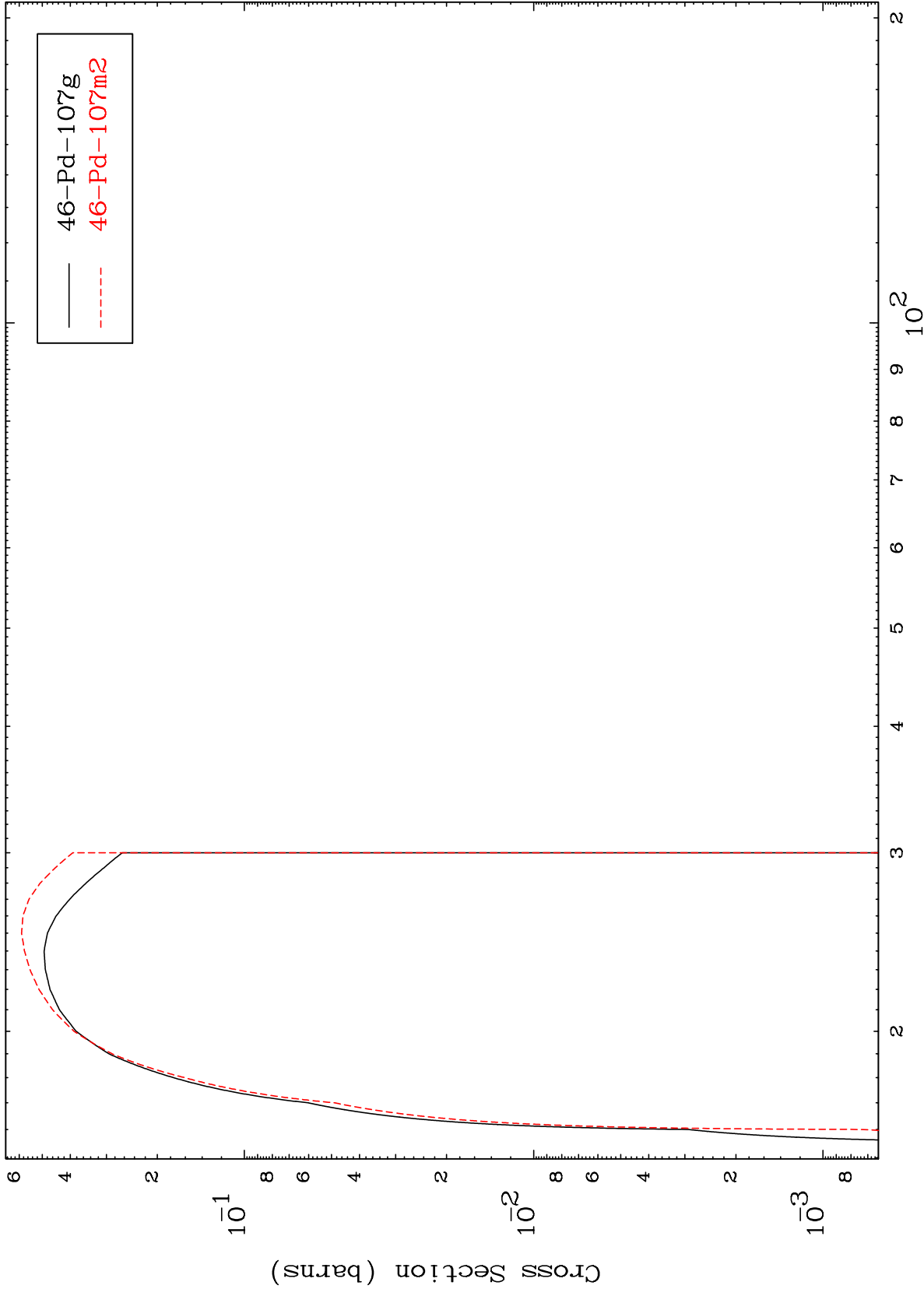


MAT 4646

(n,3n)

46-Pd-109

Radionuclide Production Cross Section



131

Incident Energy (MeV)

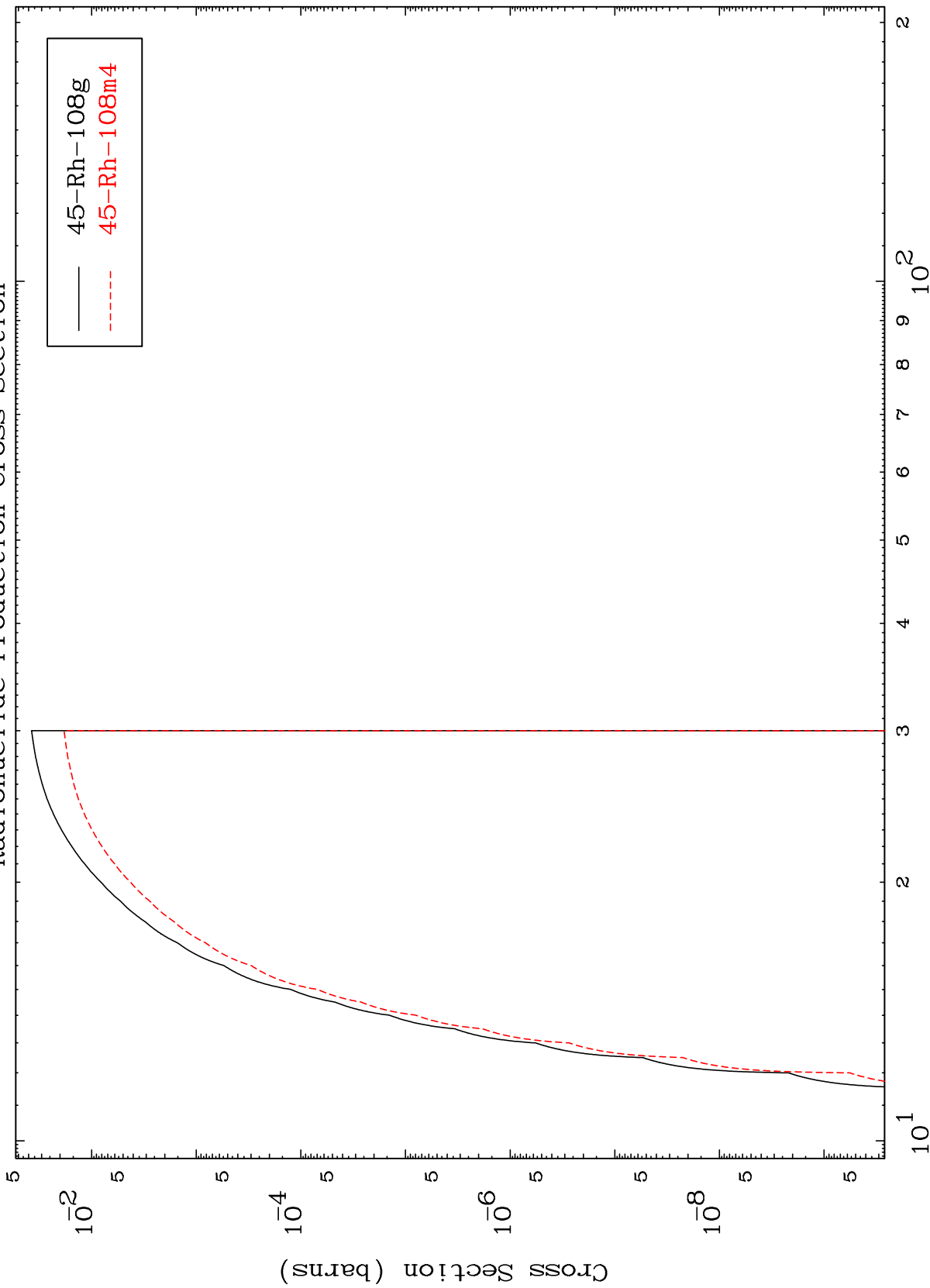
46-Pd-109

MAT 4646

(n,n') p

46-Pd-109

Radionuclide Production Cross Section

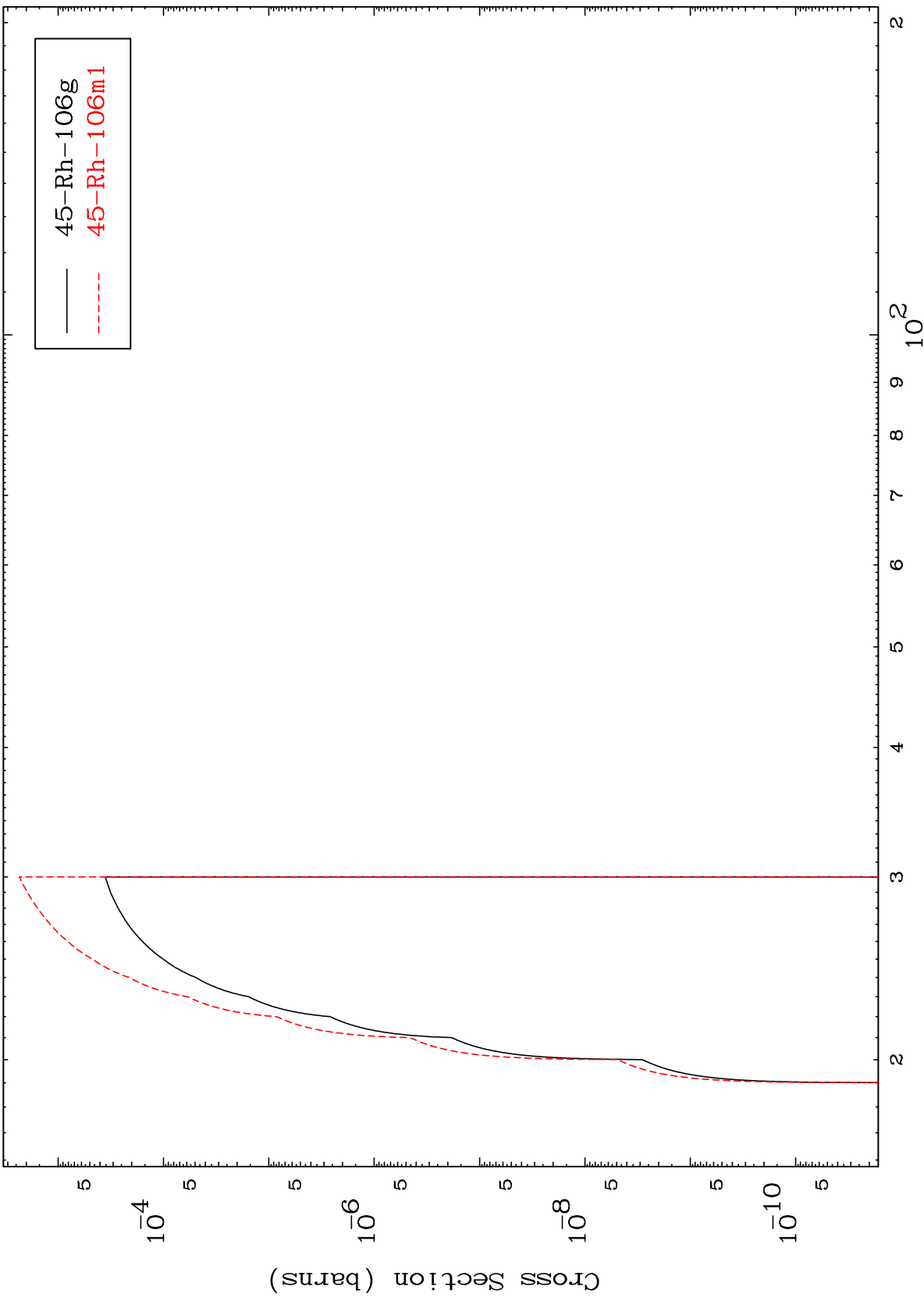


Incident Energy (MeV)

46-Pd-109

132

Radionuclide Production Cross Section

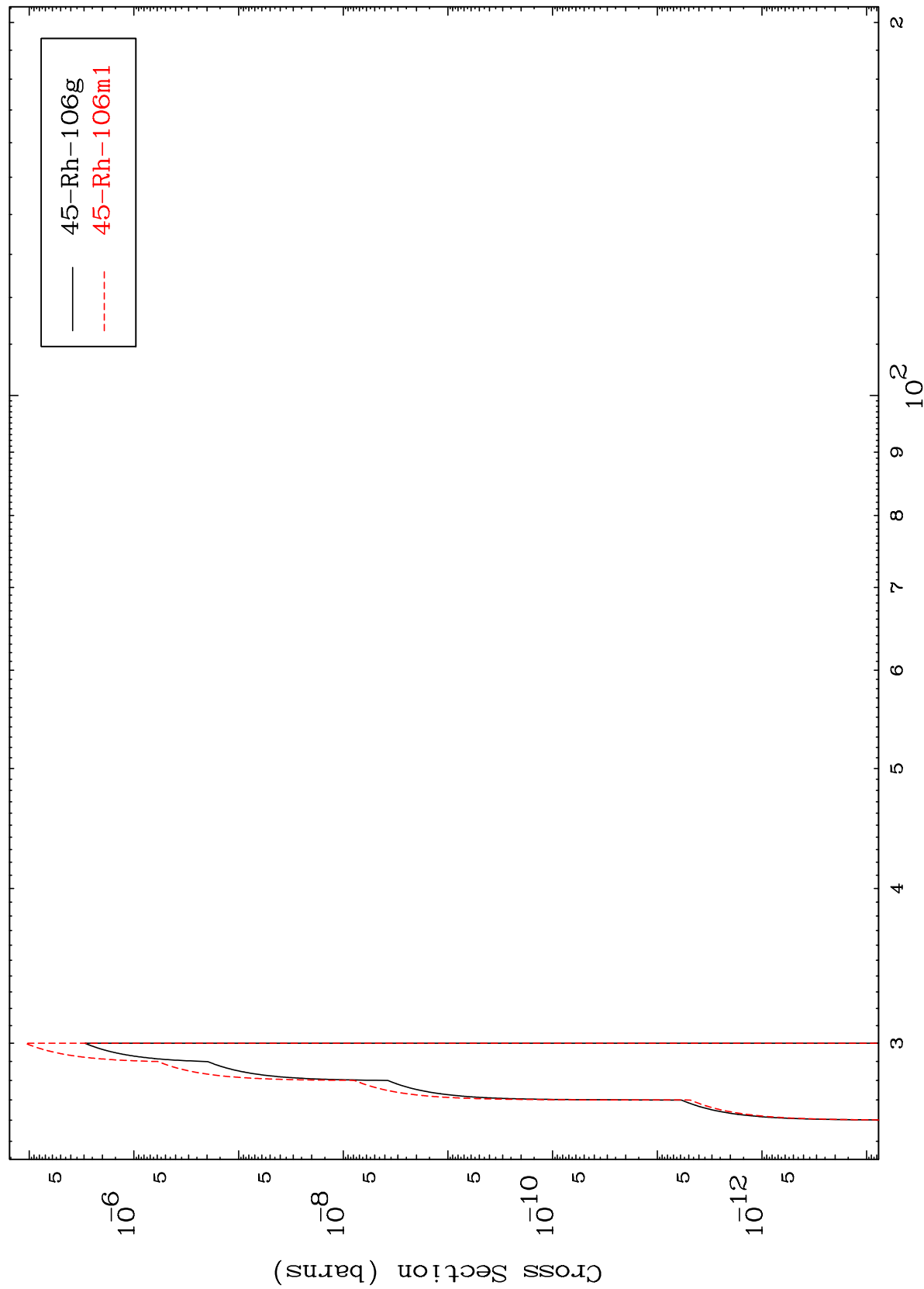


MAT 4646

(n,3n) p

46-Pd-109

Radionuclide Production Cross Section



134

Incident Energy (MeV)

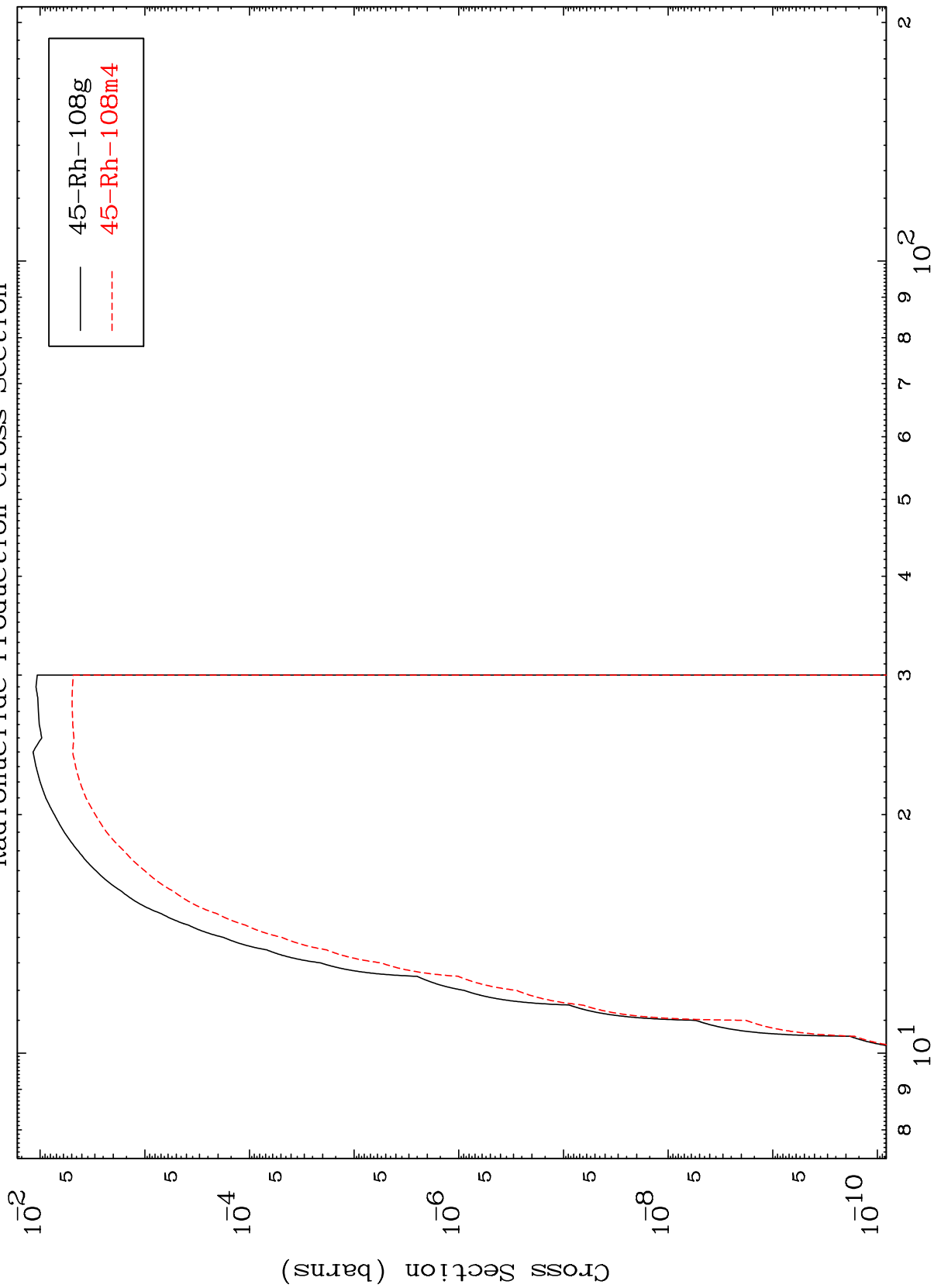
46-Pd-109

MAT 4646

(n,d)

46-Pd-109

Radionuclide Production Cross Section



135

Incident Energy (MeV)

46-Pd-109