

Program EVALPLOT
(Version 2017-1)

by

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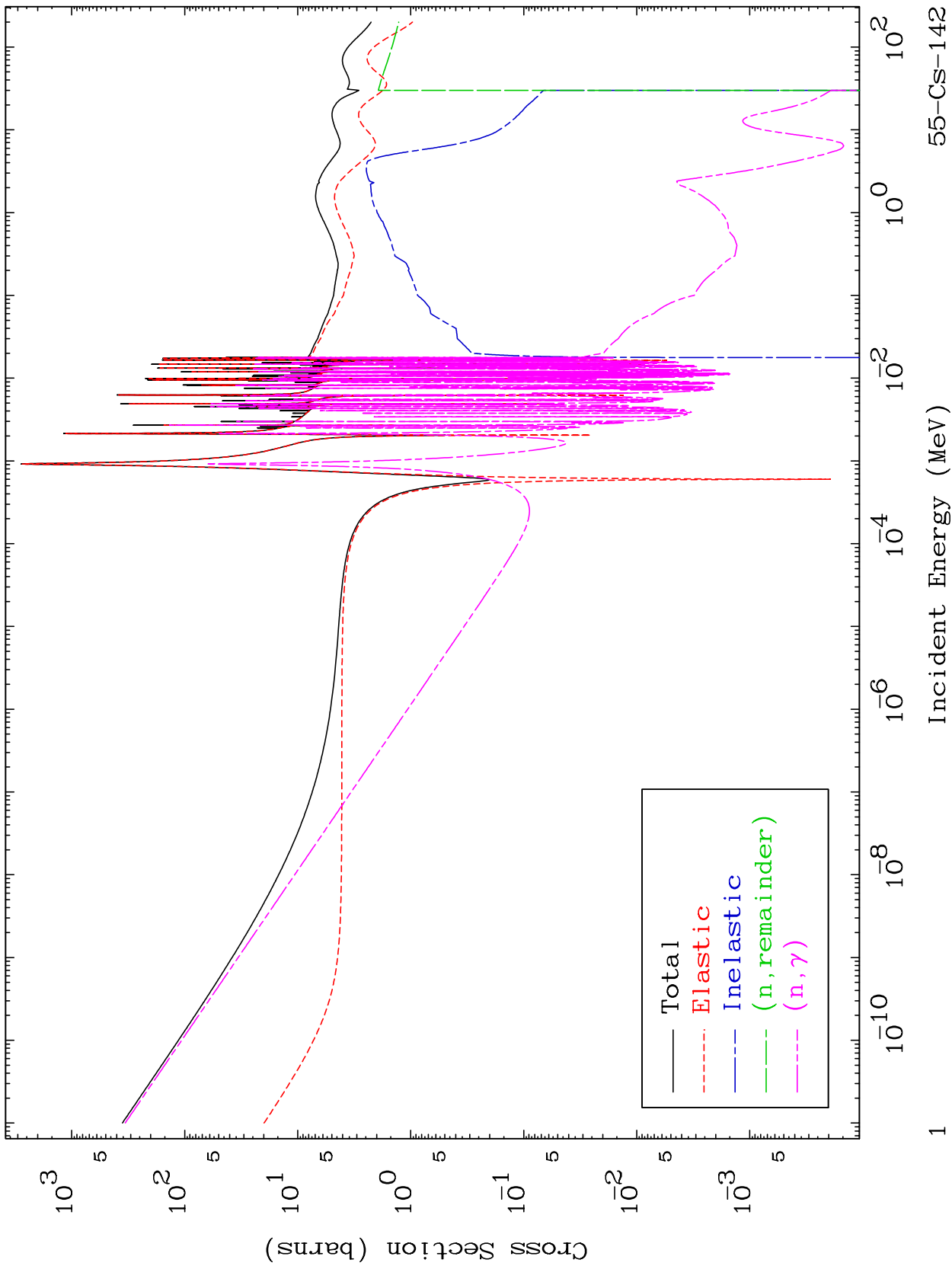
Press Mouse Button to Start

MAT 5552

Major

293 Kelvin Cross Sections

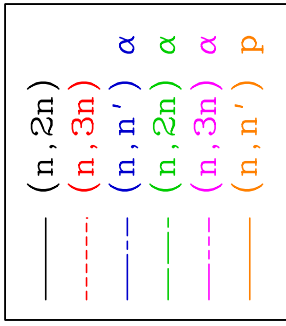
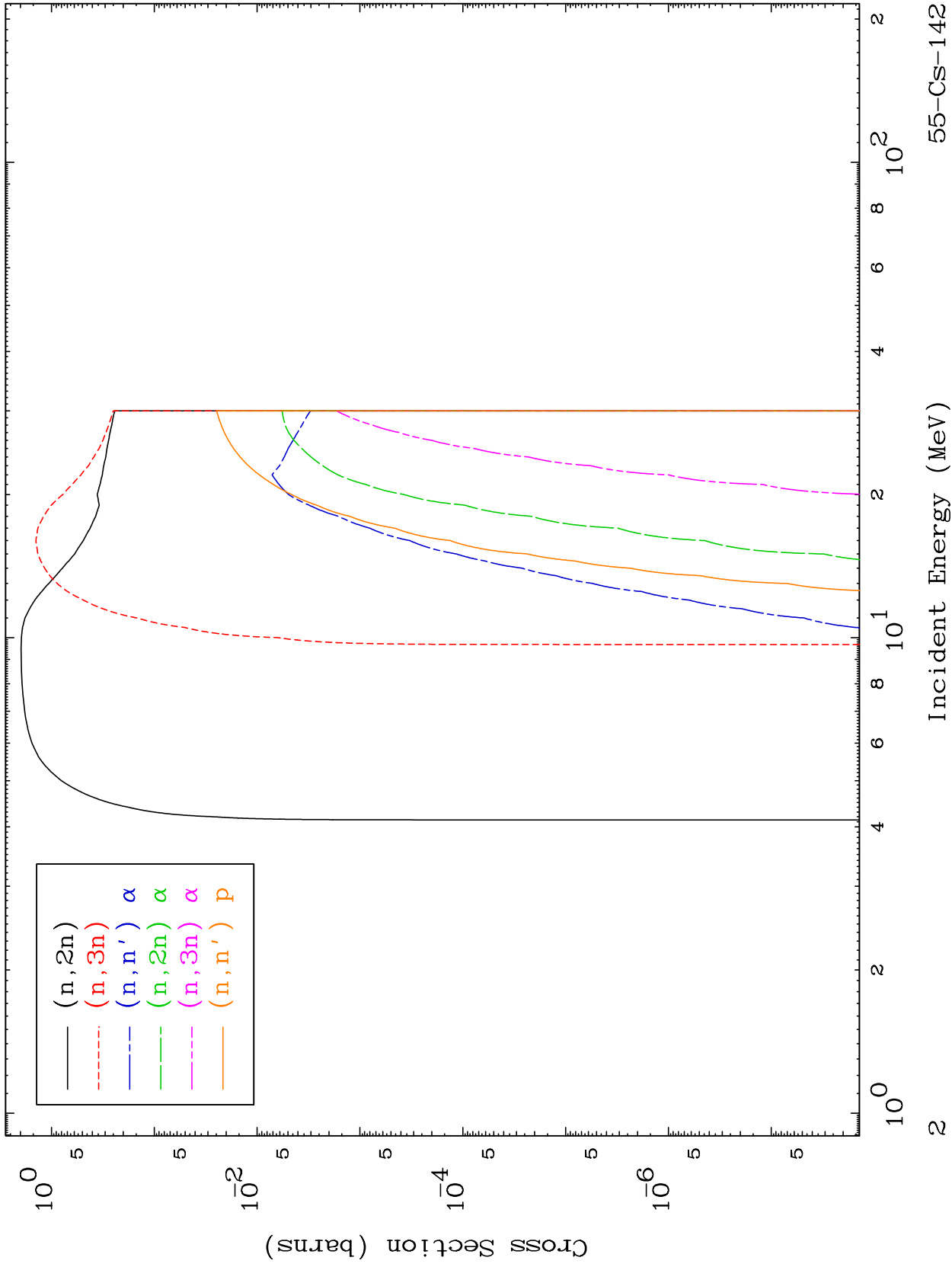
55-Cs-142



MAT 5552

Neutron Production 293 Kelvin Cross Sections

55-Cs-142

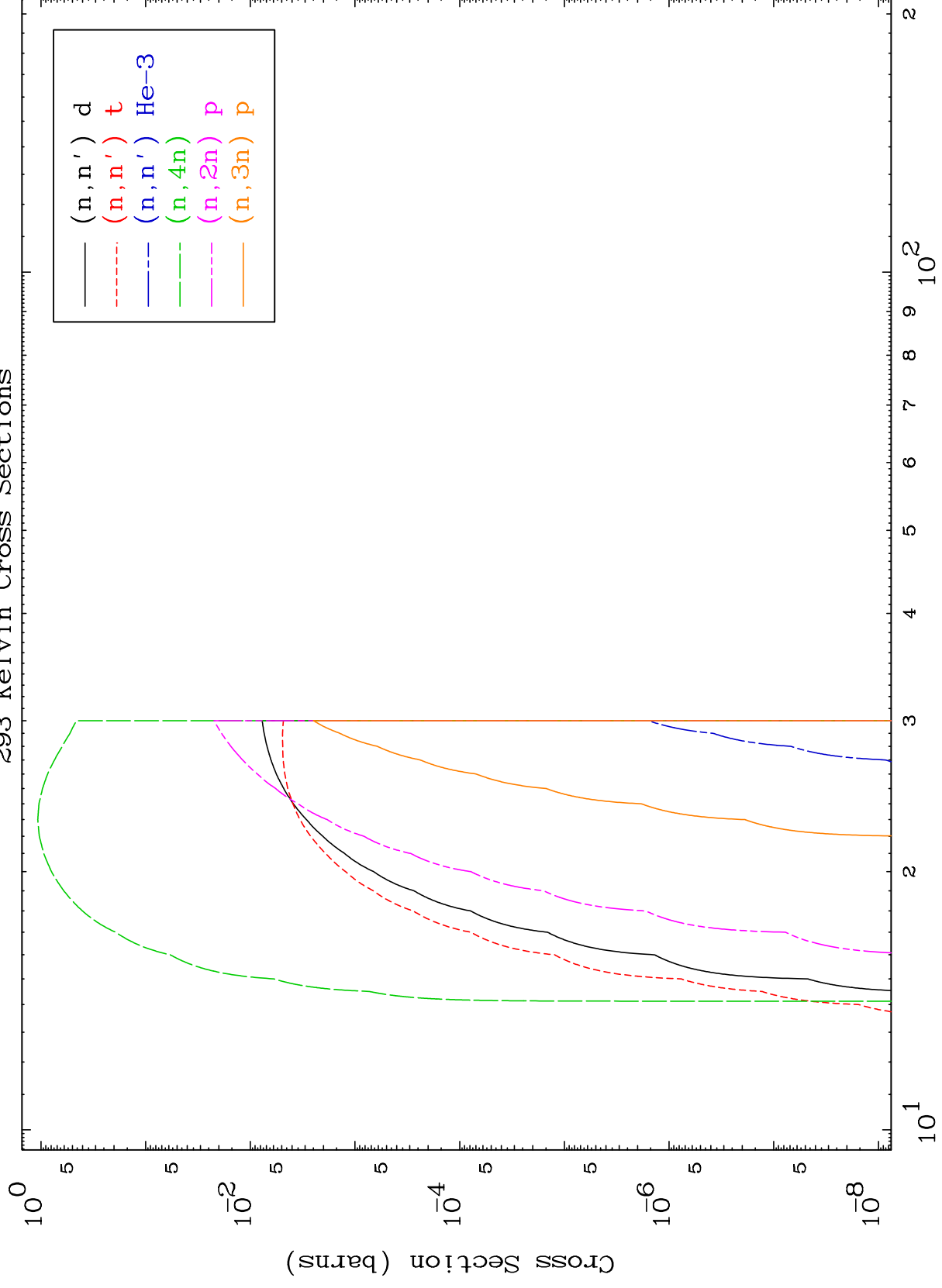


55-Cs-142

MAT 5552

Neutron Production
293 Kelvin Cross Sections

55-Cs-142



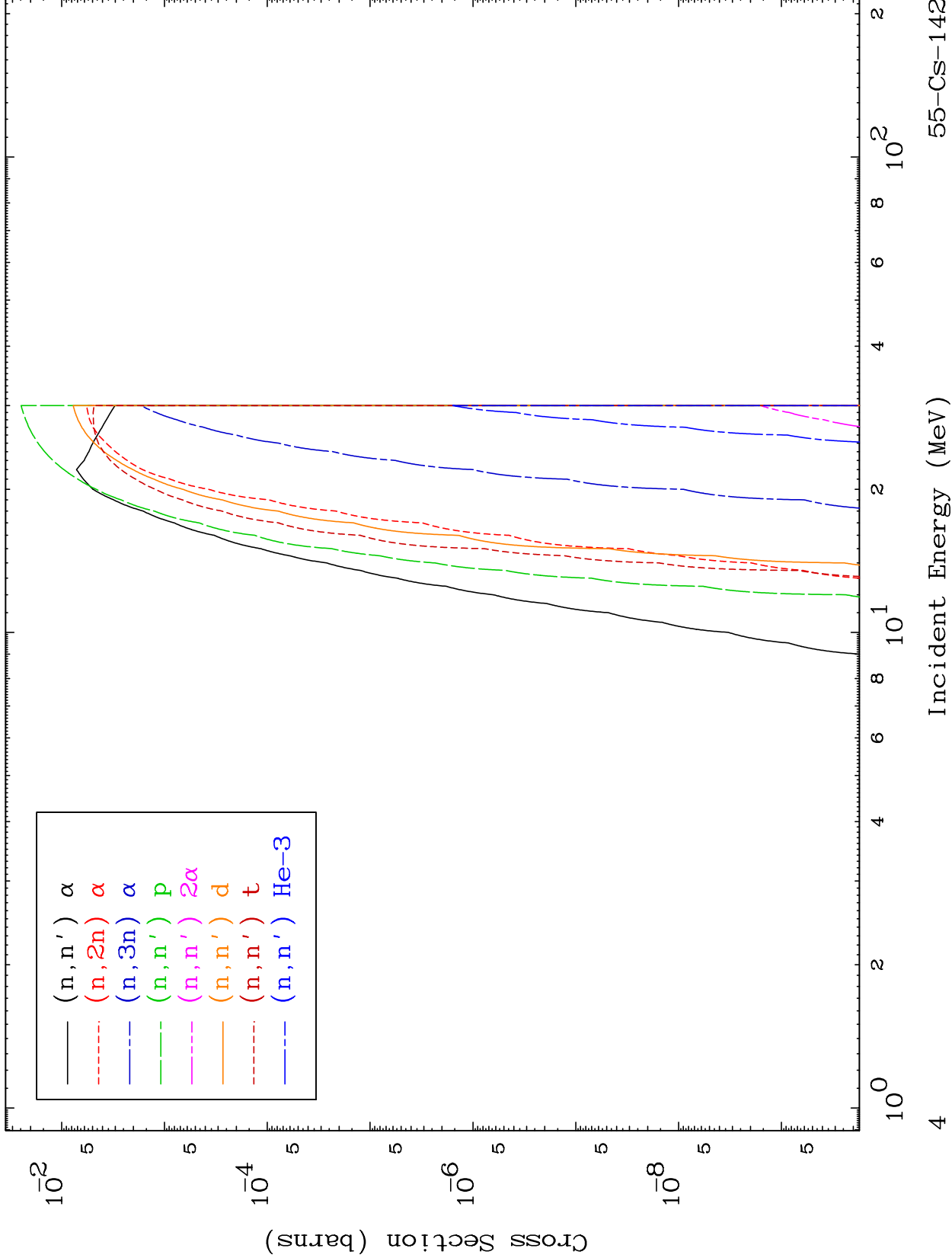
Incident Energy (MeV)

55-Cs-142

MAT 5552

Charged Particle
293 Kelvin Cross Sections

55-Cs-142



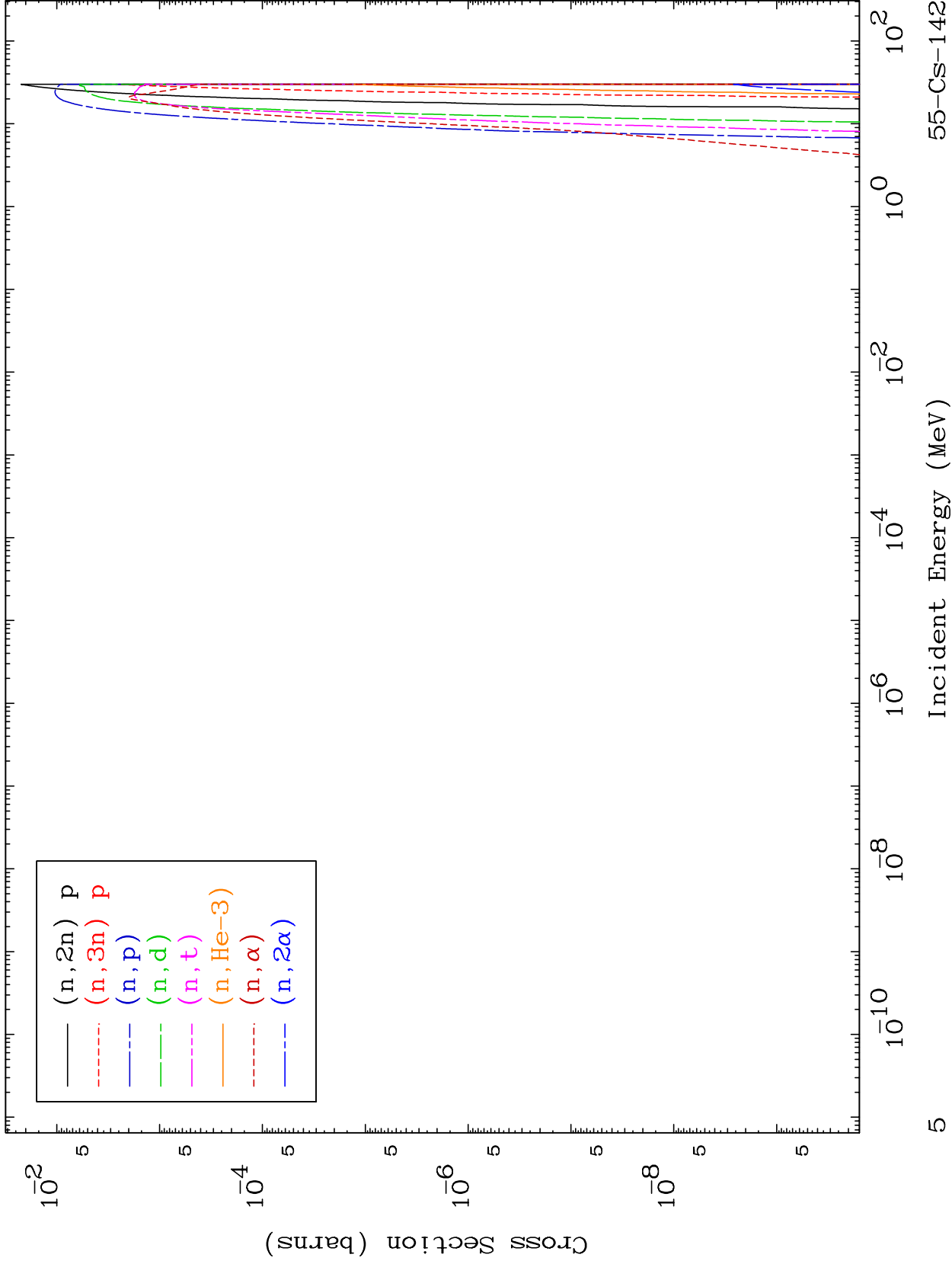
55-Cs-142

Incident Energy (MeV)

MAT 5552

Charged Particle
293 Kelvin Cross Sections

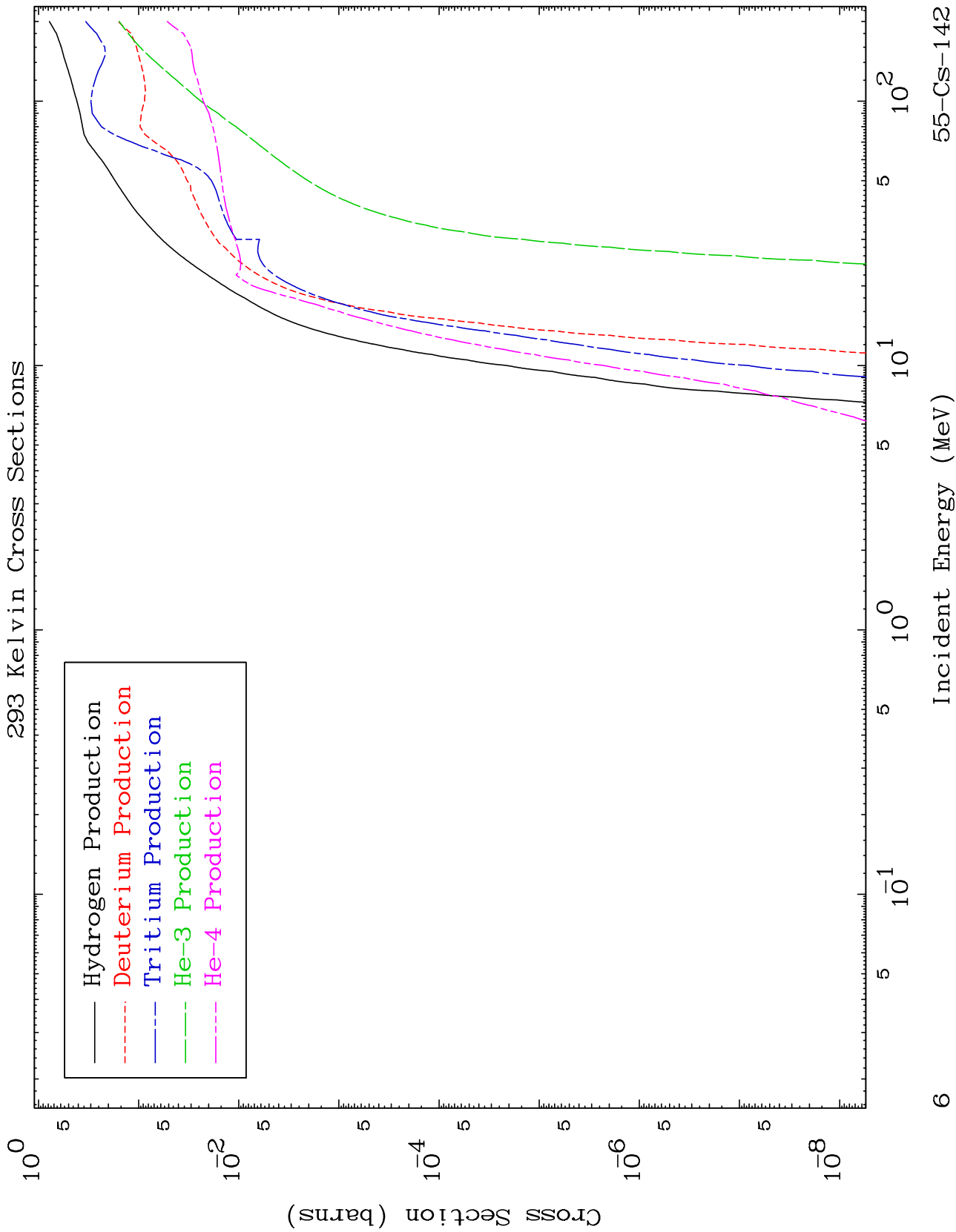
55-Cs-142



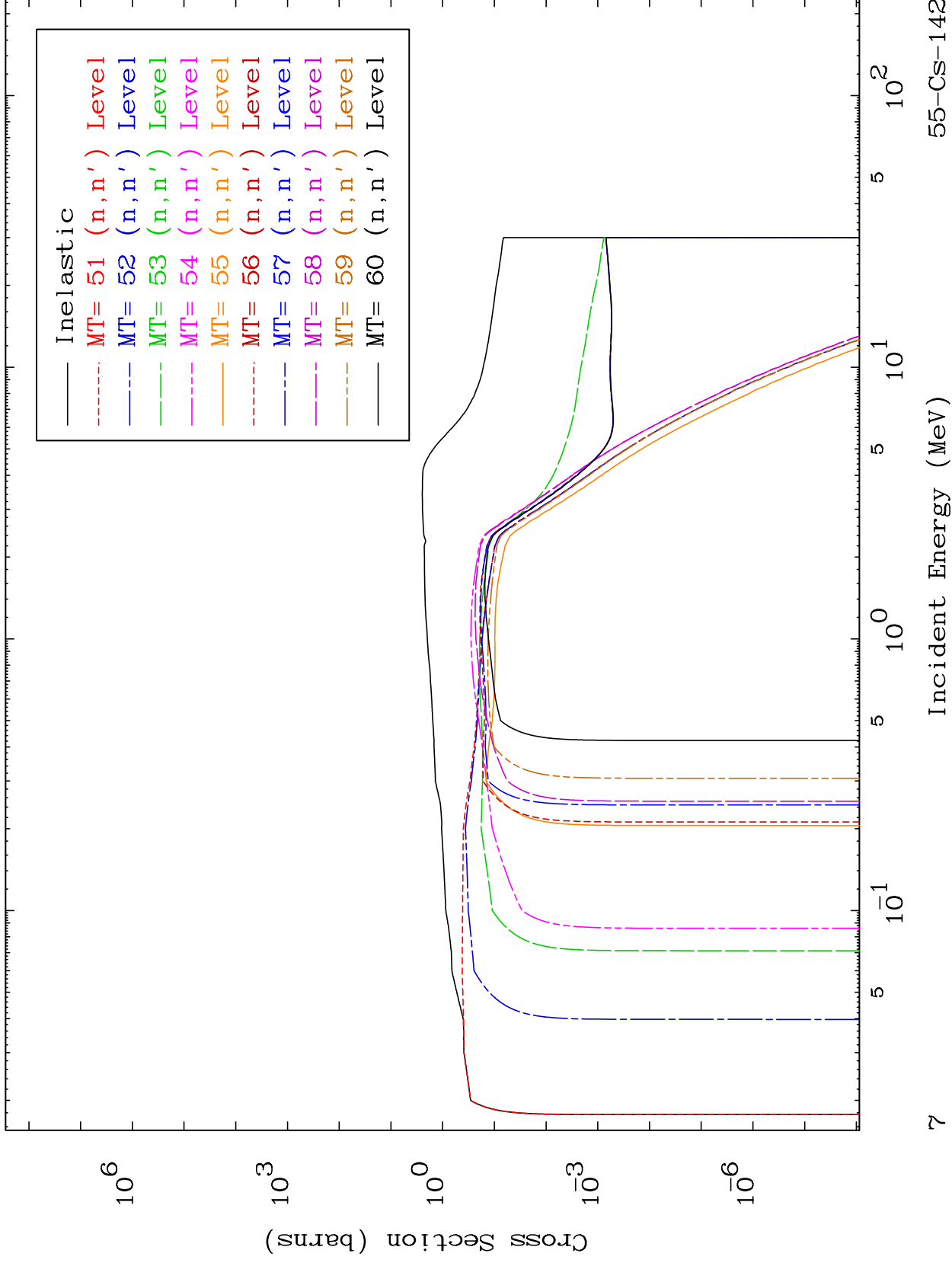
MAT 5552

Particle Production
293 Kelvin Cross Sections

55-Cs-142



293 Kelvin Cross Sections

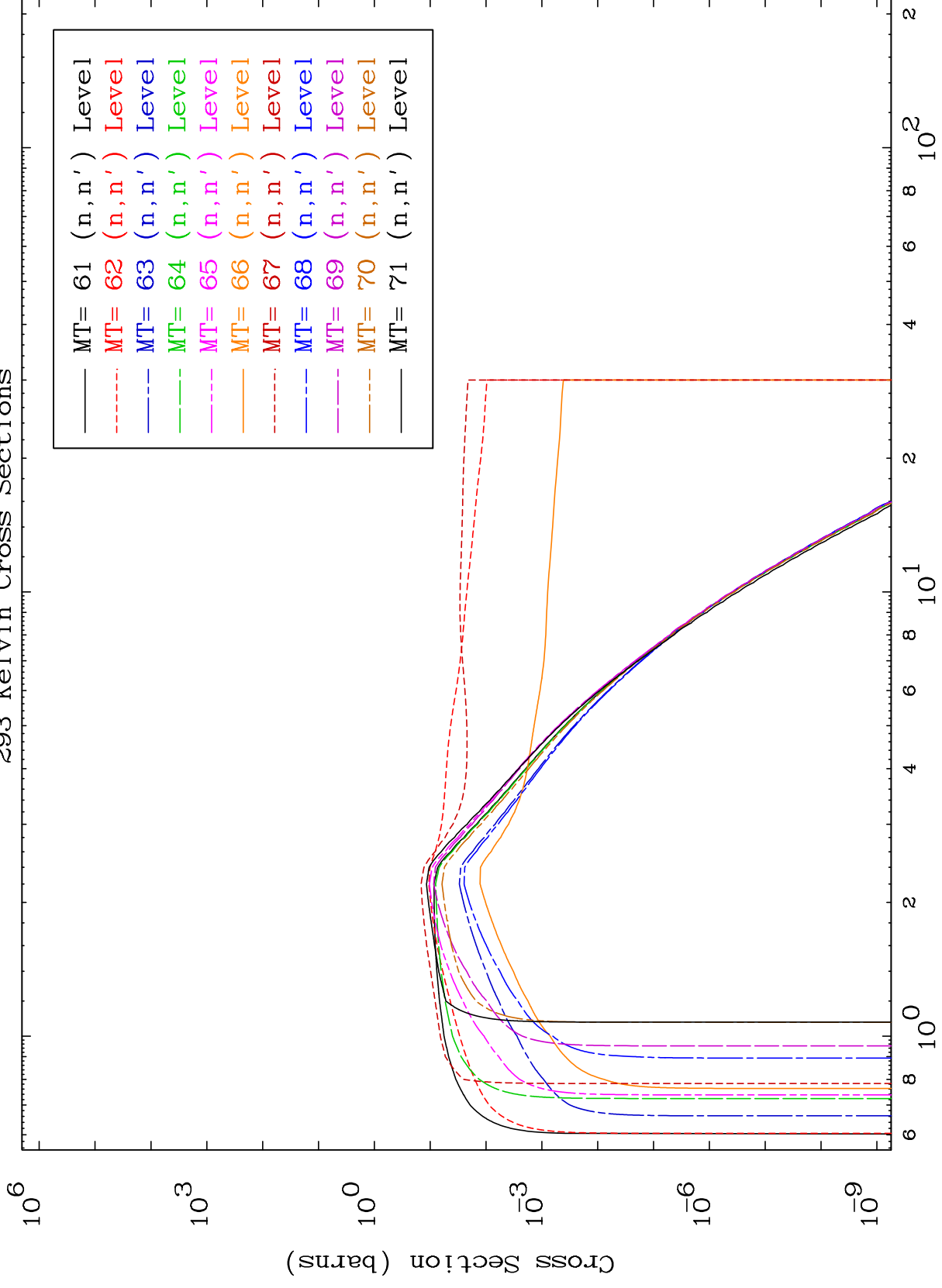


MAT 5552

(n,n') Level

293 Kelvin Cross Sections

55-Cs-142

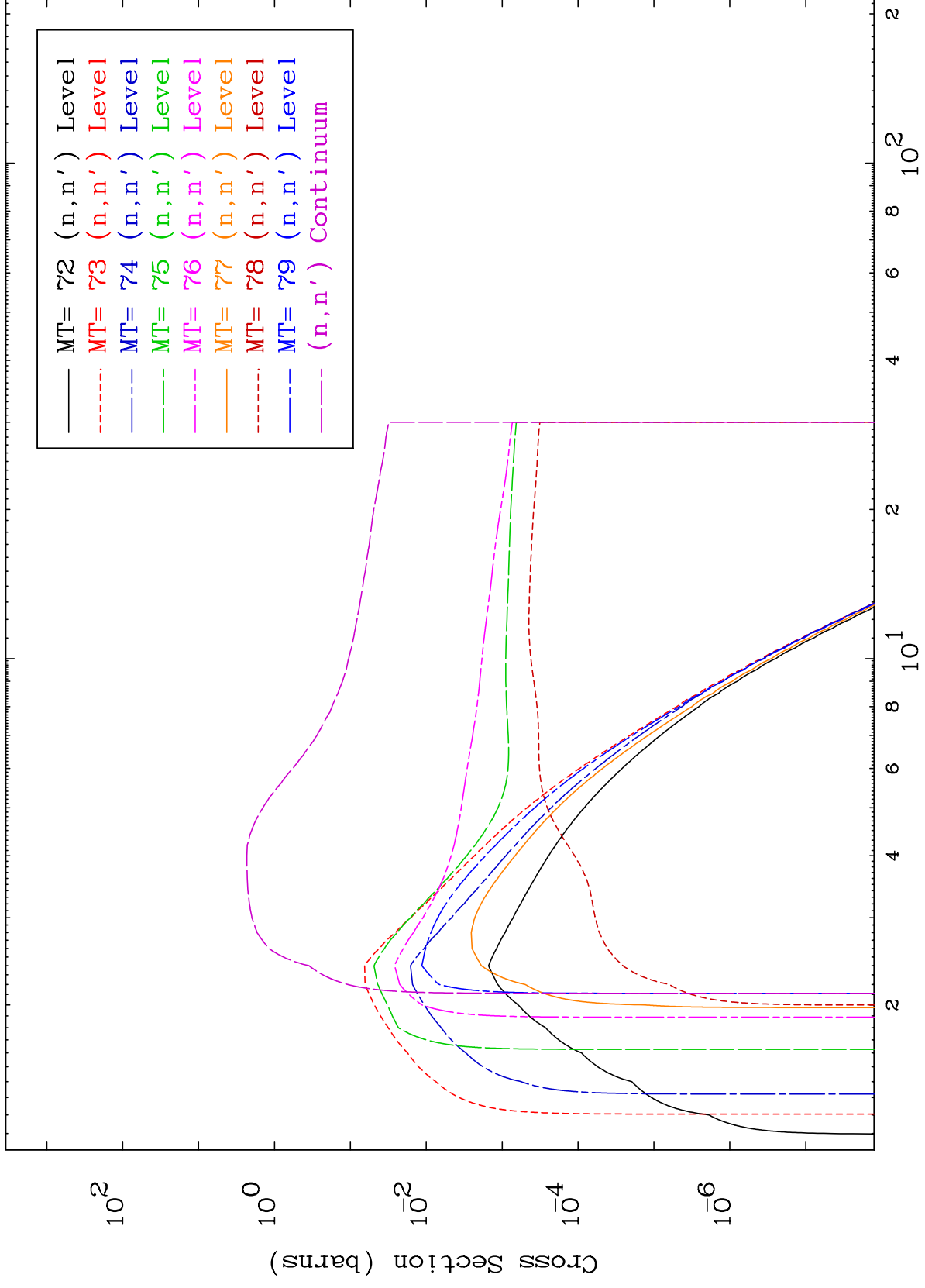


Incident Energy (MeV)

55-Cs-142

8

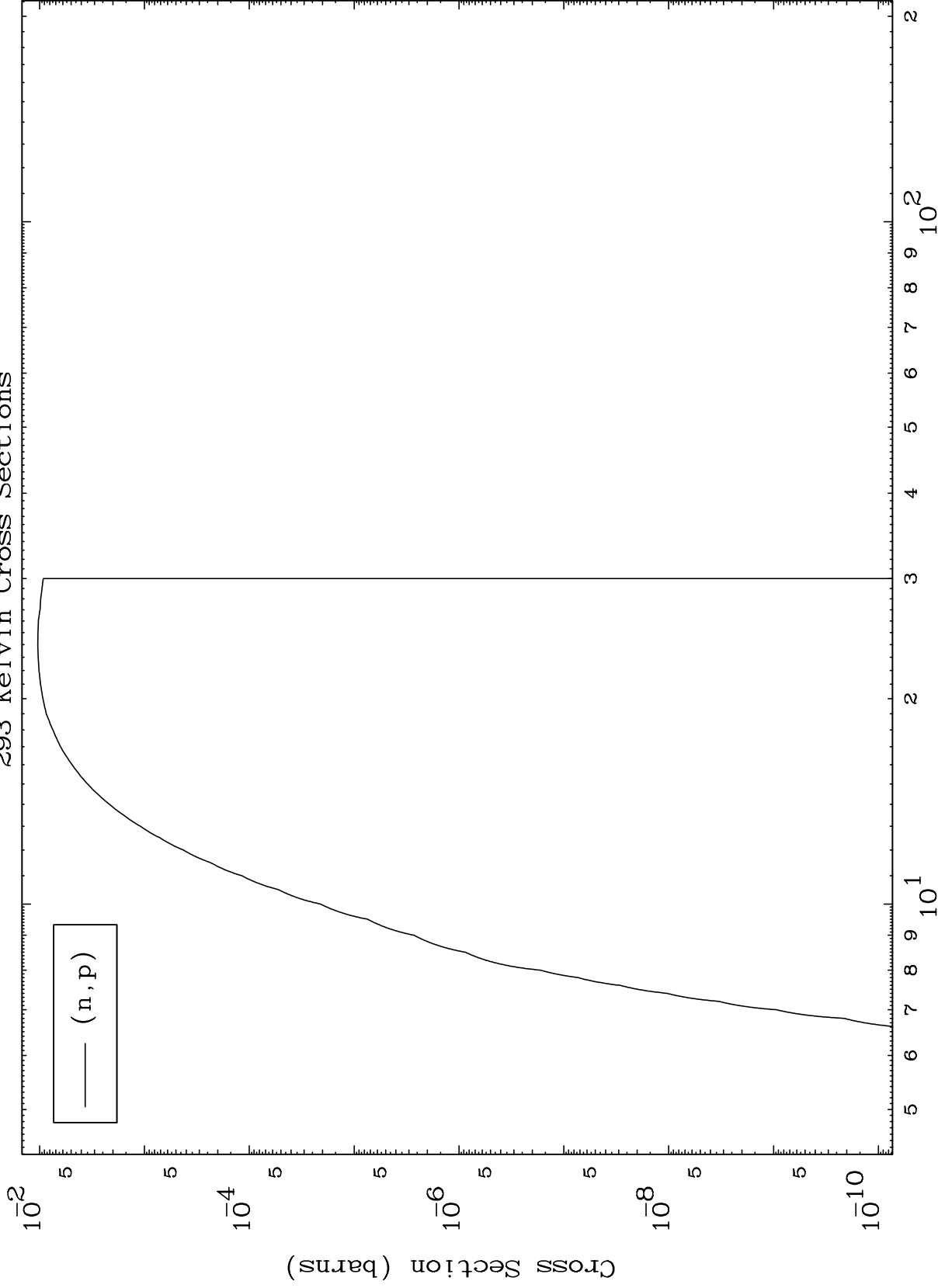
293 Kelvin Cross Sections



MAT 5552

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-142



10

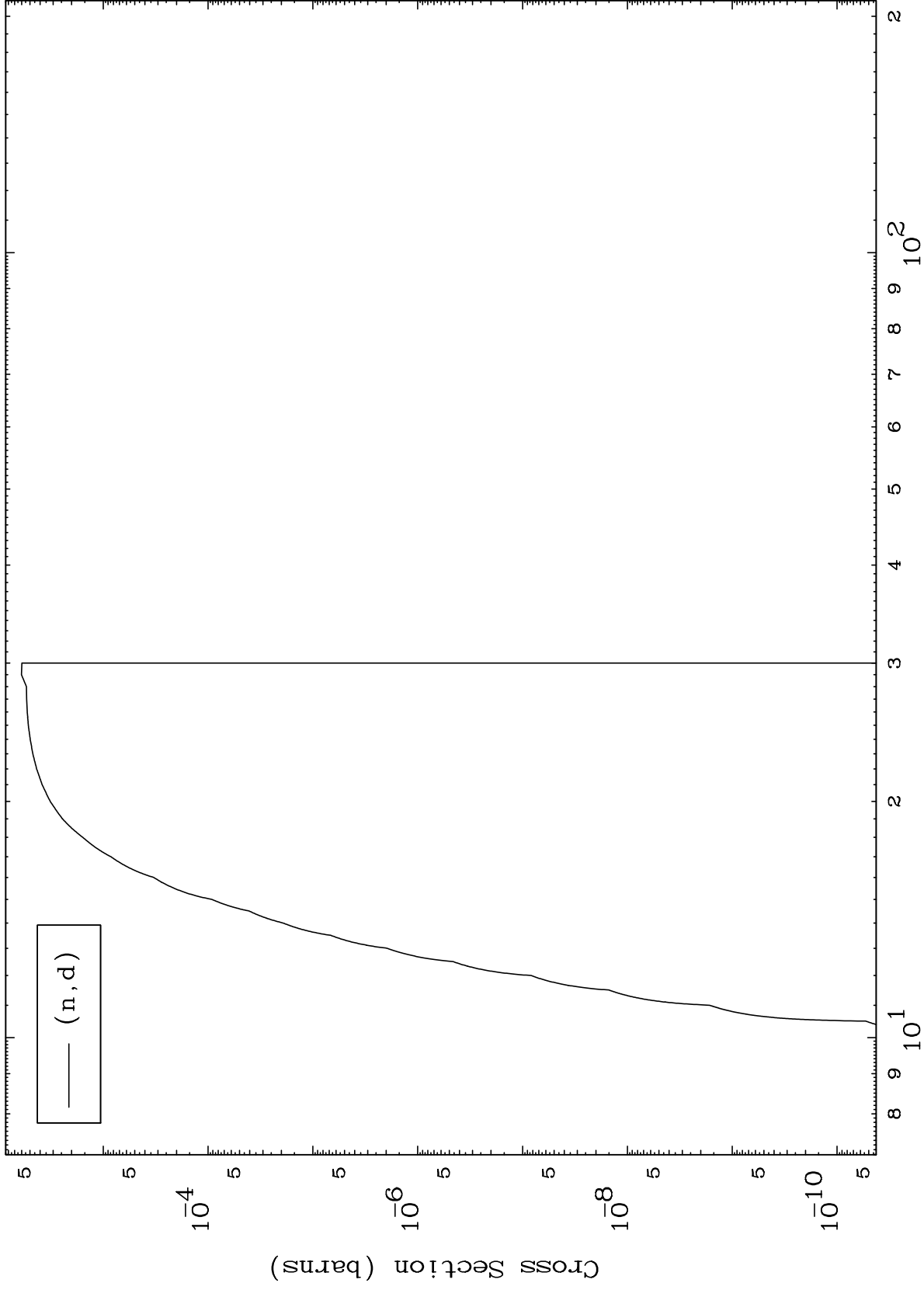
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-142



11

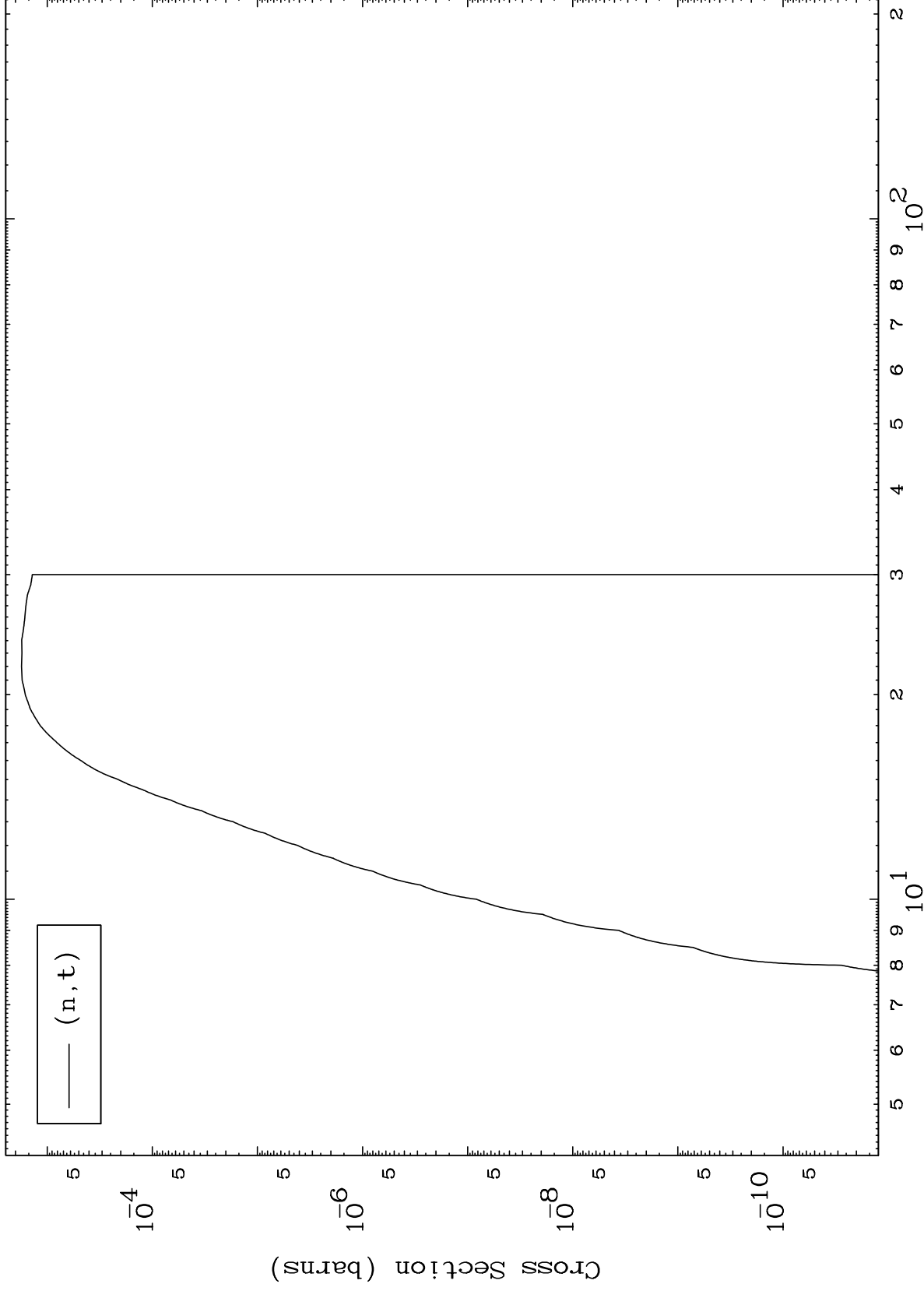
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-142



12

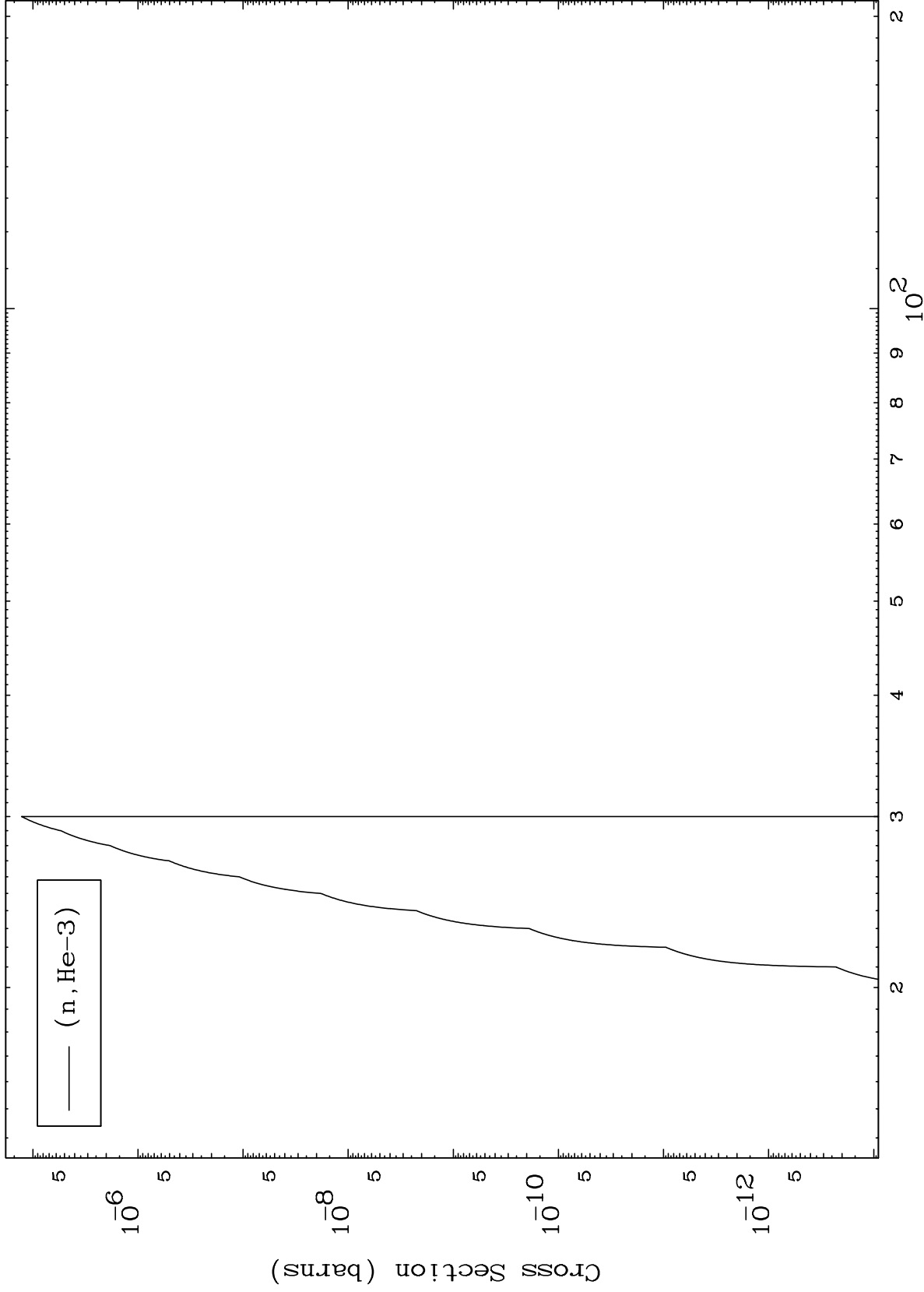
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-142



13

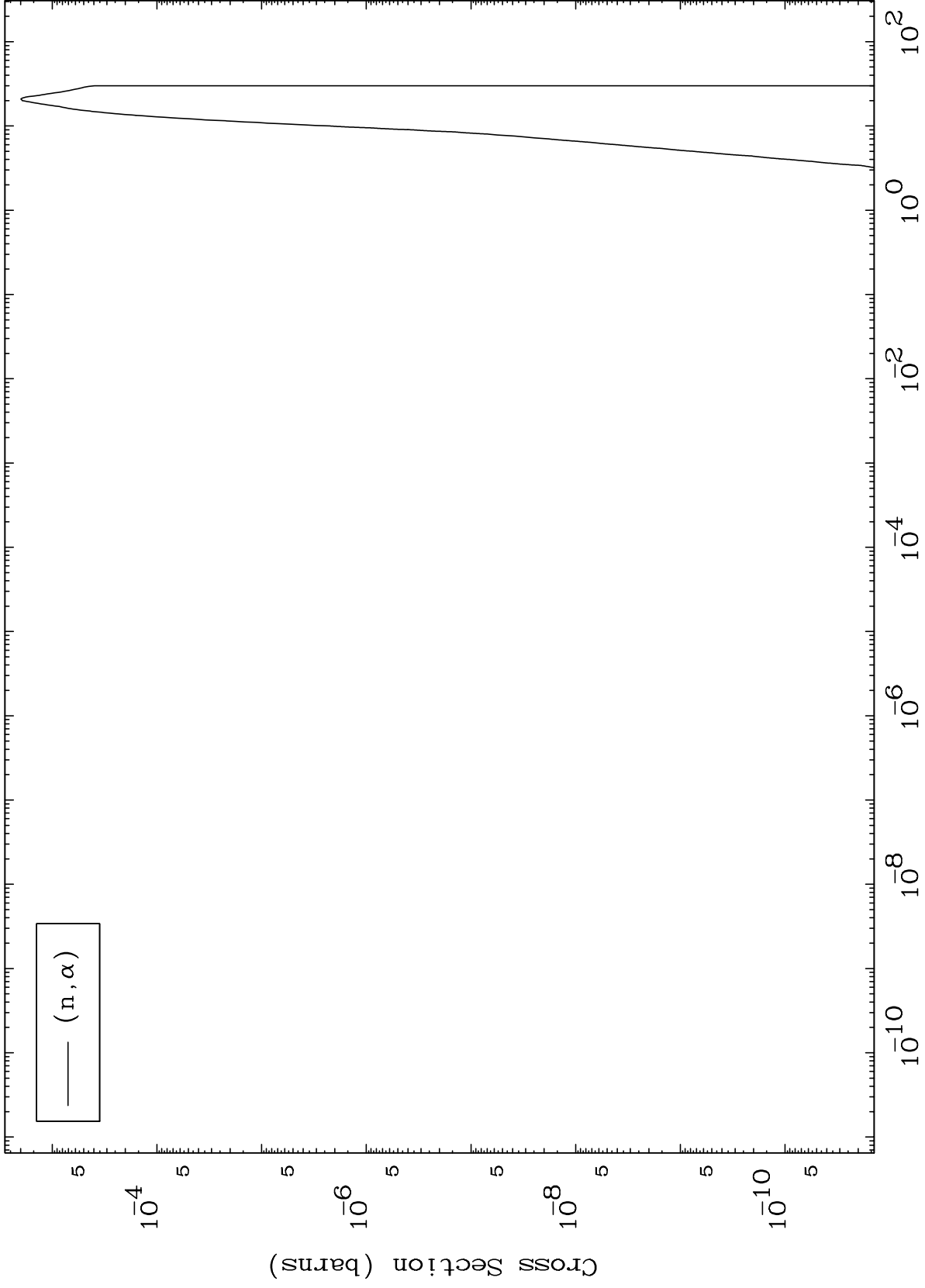
Incident Energy (MeV)

55-Cs-142

MAT 5552

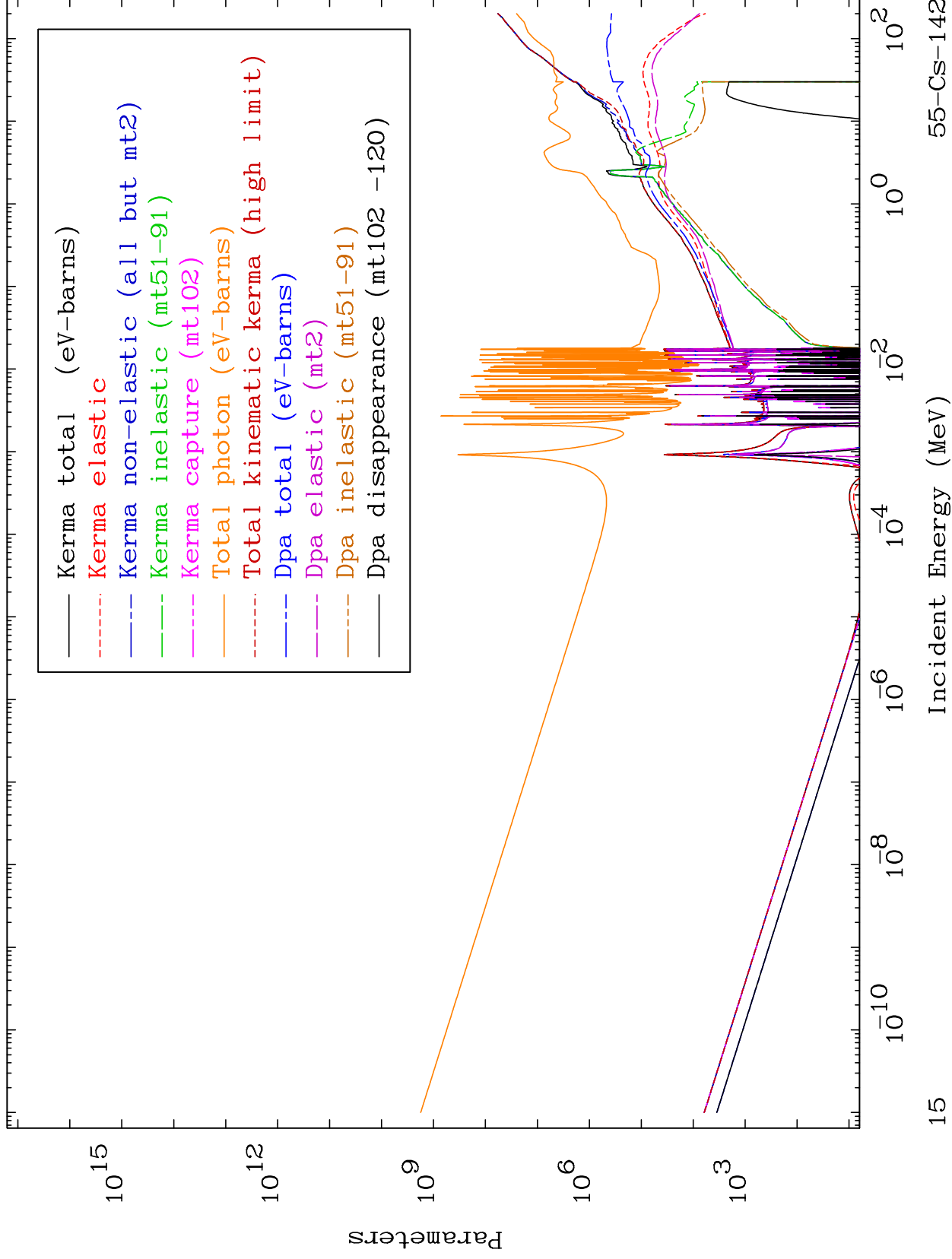
(n, α) Levels
293 Kelvin Cross Sections

55-Cs-142



14

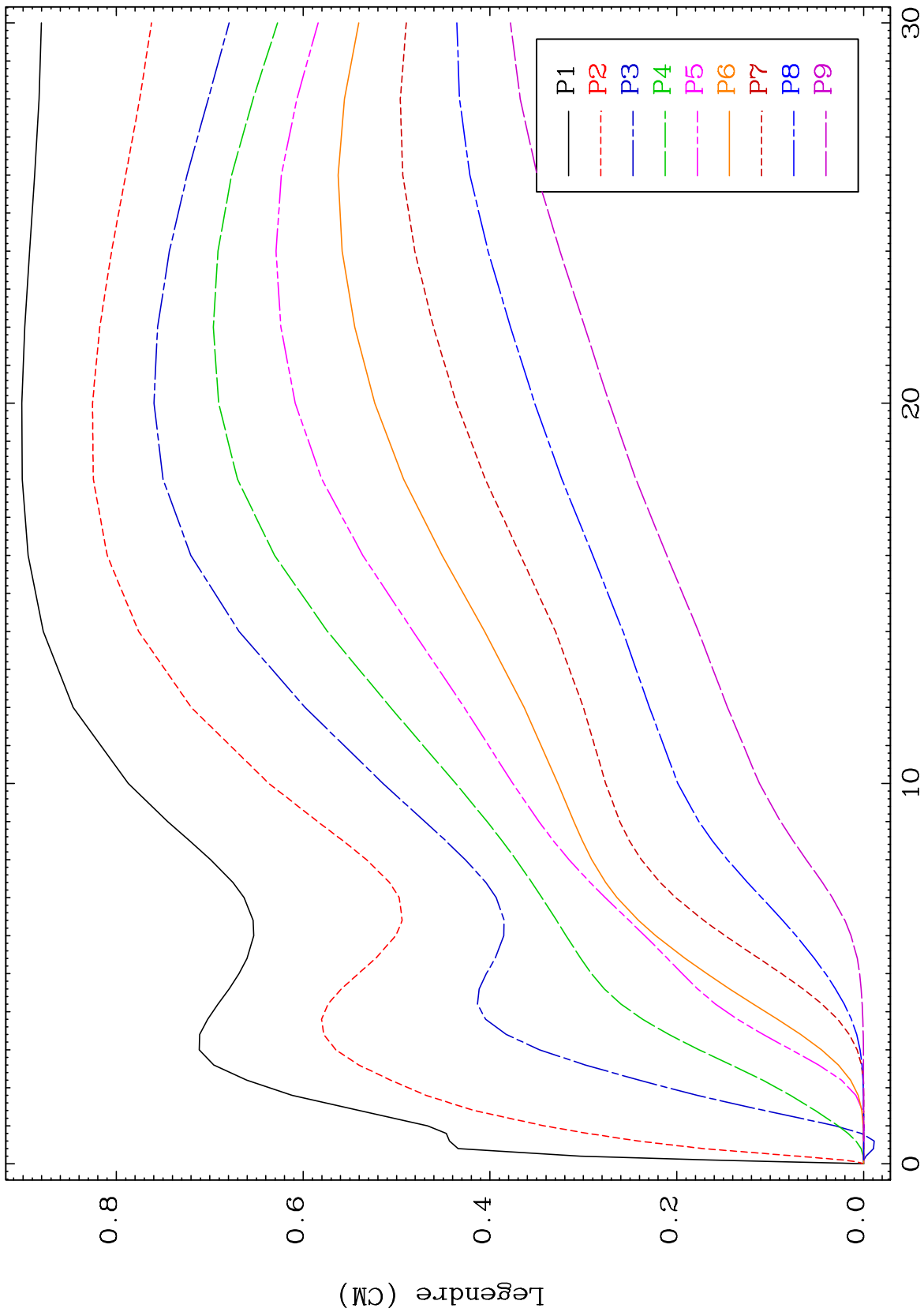
55-Cs-142



MAT 5552

Elastic Legendre Coefficients

55-Cs-142



16

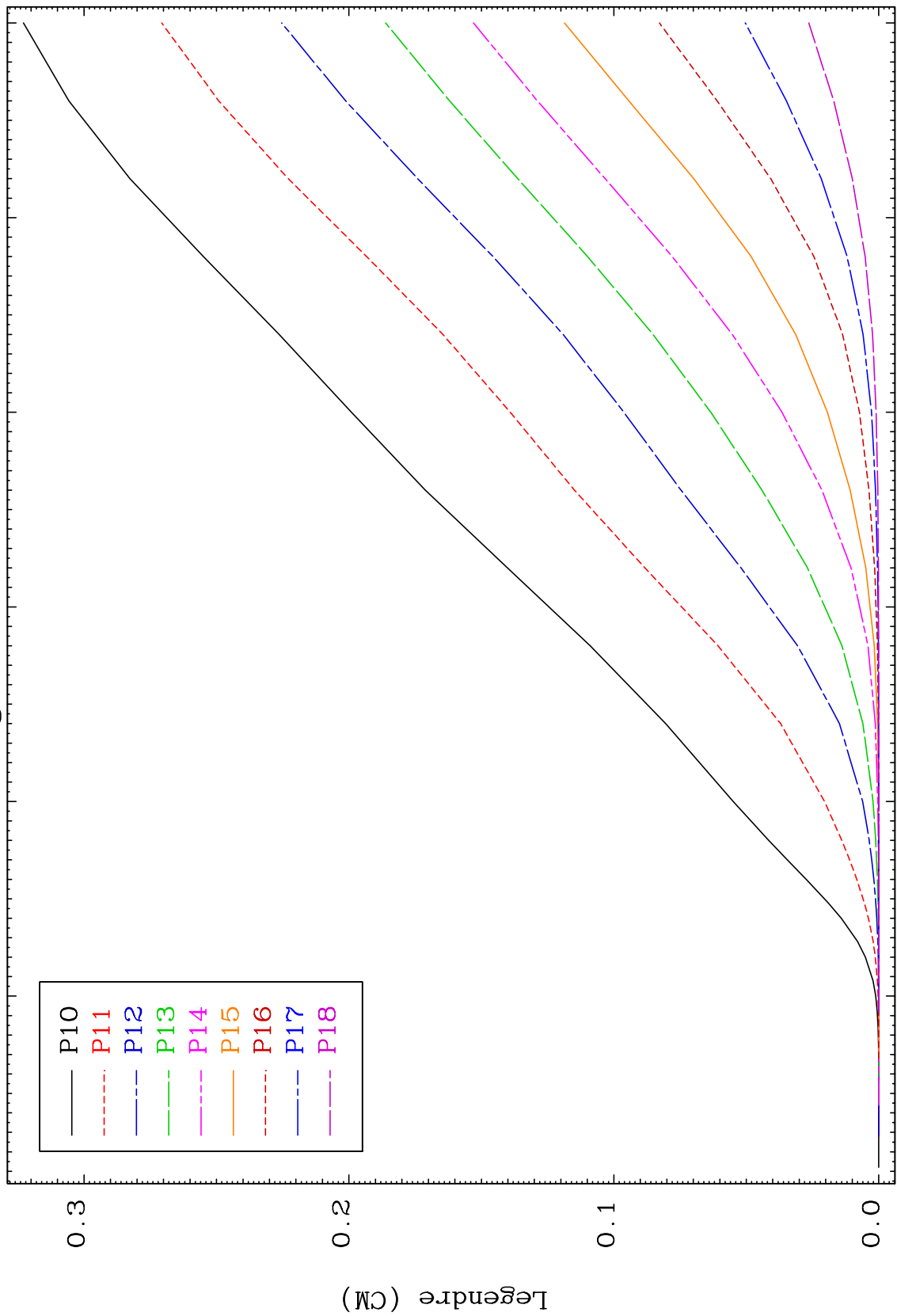
Incident Energy (MeV)

55-Cs-142

MAT 5552

Elastic Legendre Coefficients

55-Cs-142



17

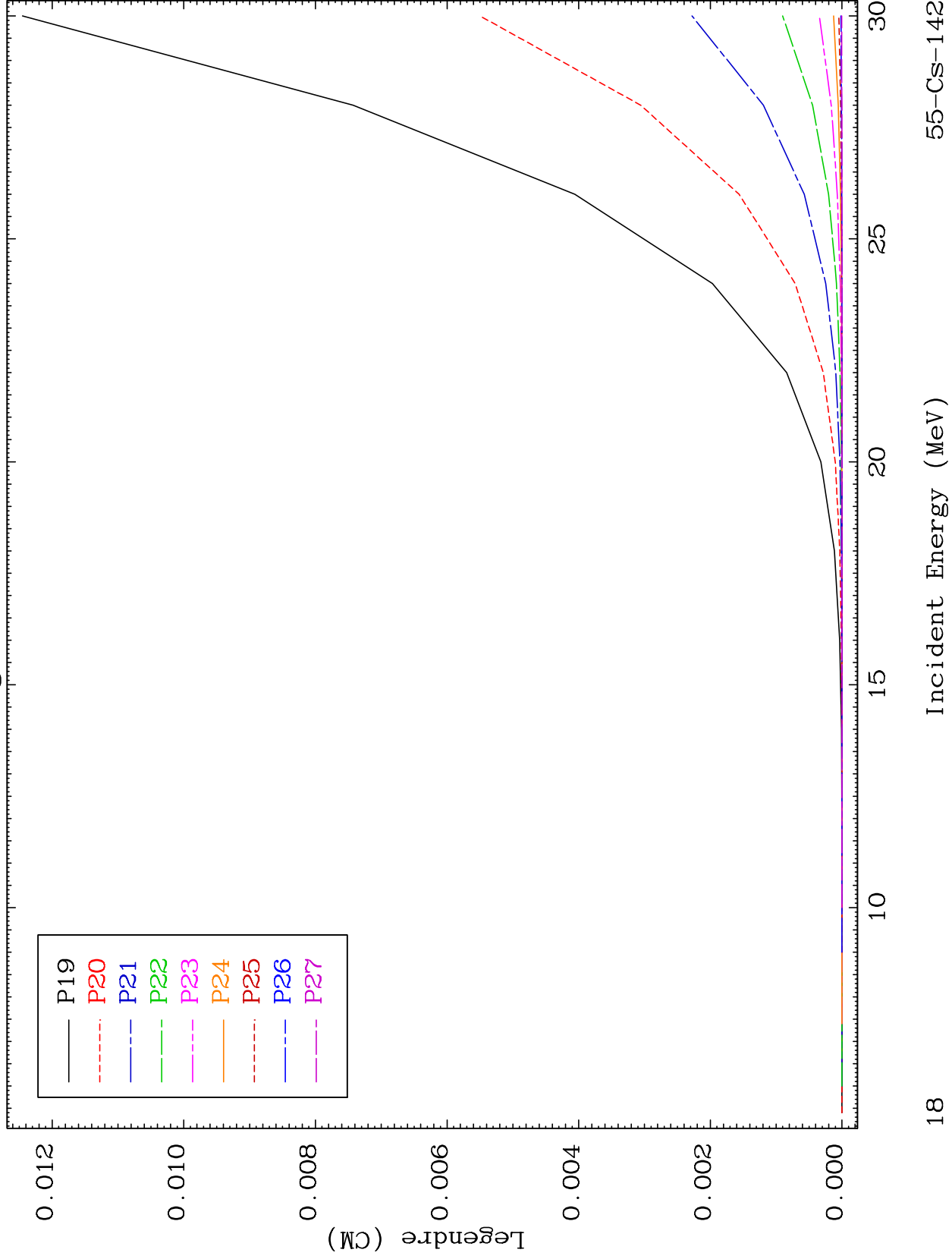
55-Cs-142

Incident Energy (MeV)

MAT 5552

Elastic Legendre Coefficients

55-Cs-142



18

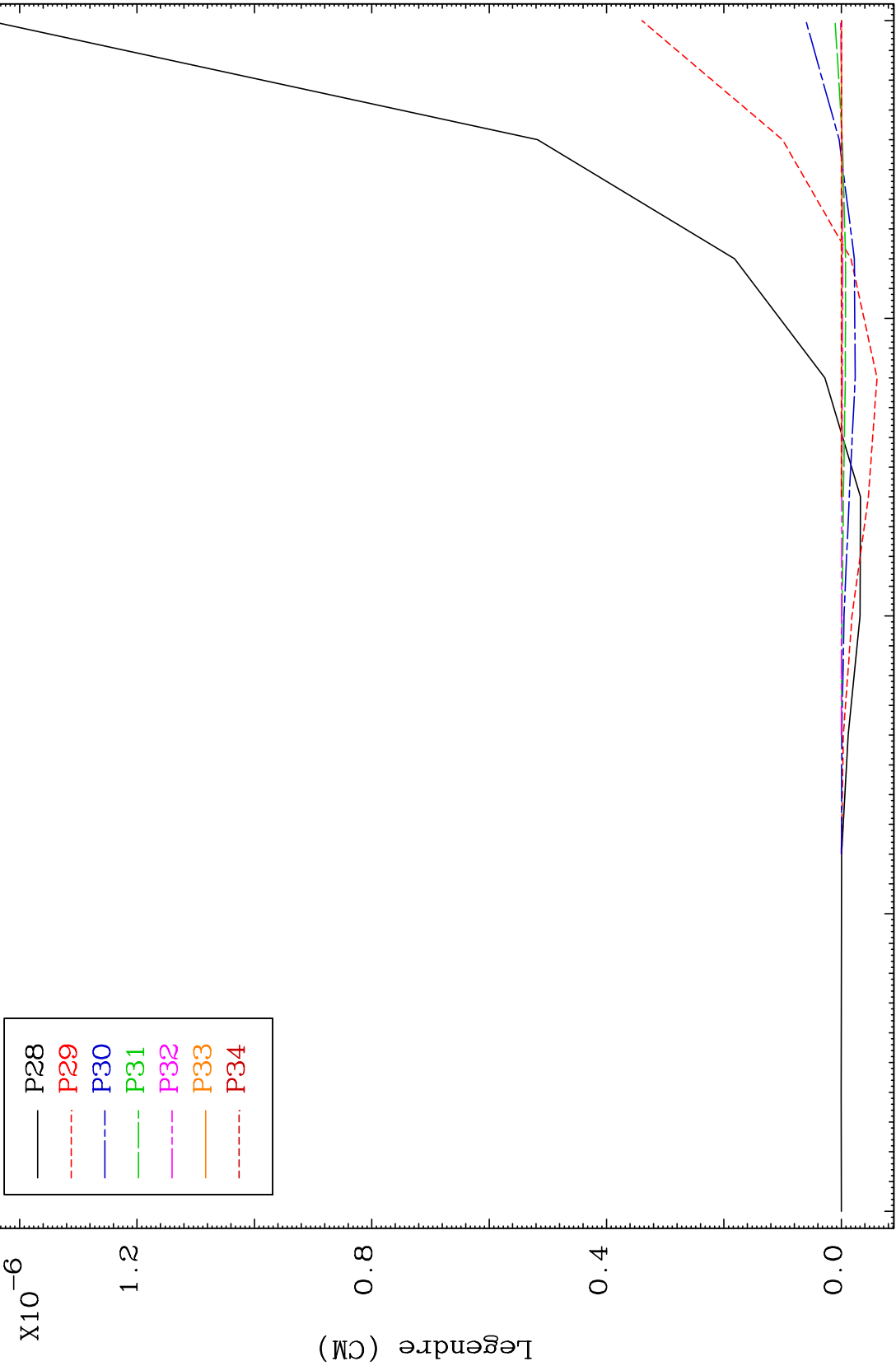
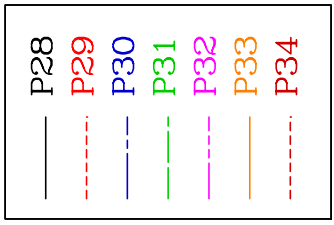
Incident Energy (MeV)

55-Cs-142

MAT 5552

Elastic Legendre Coefficients

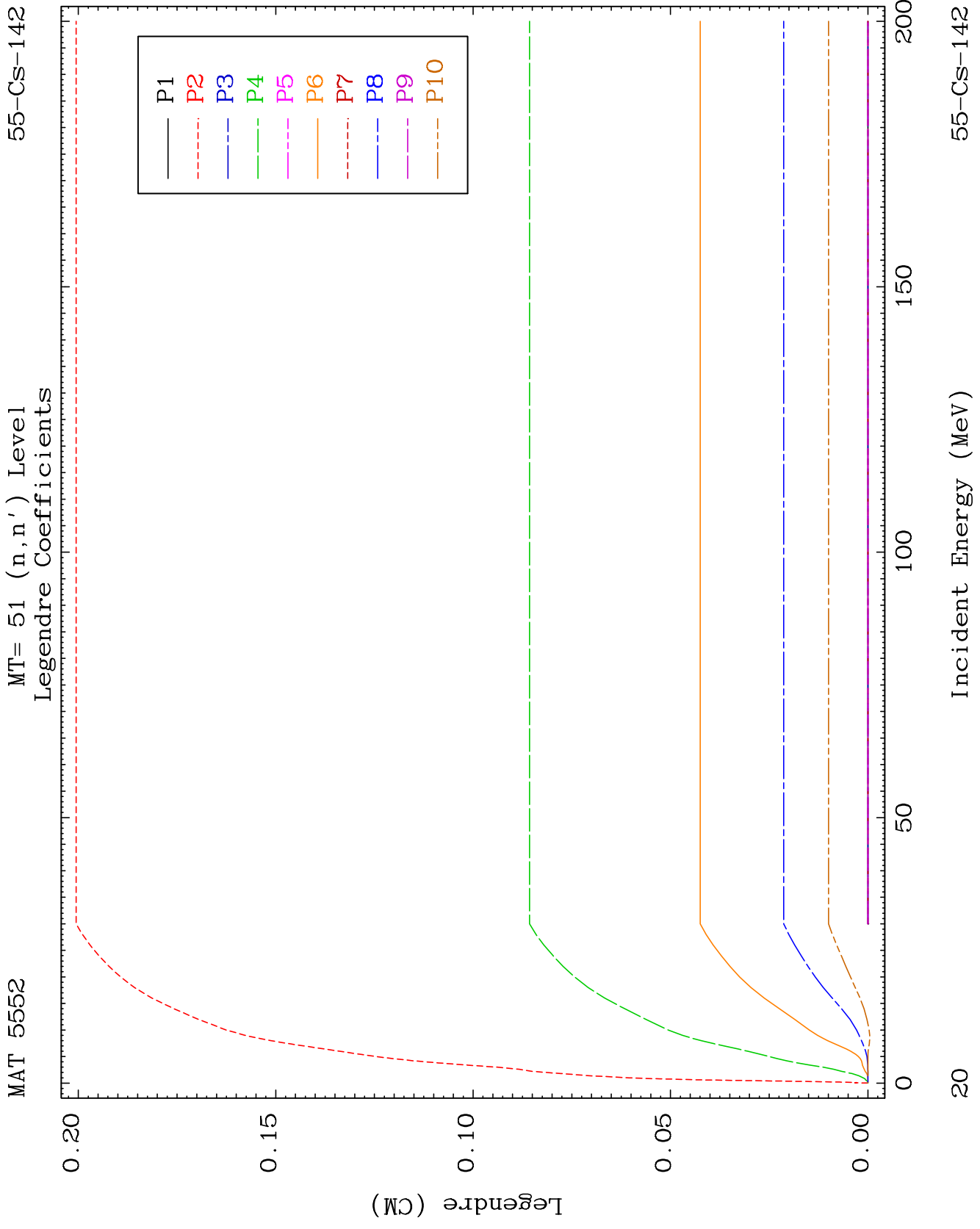
55-Cs-142



19

Incident Energy (MeV)

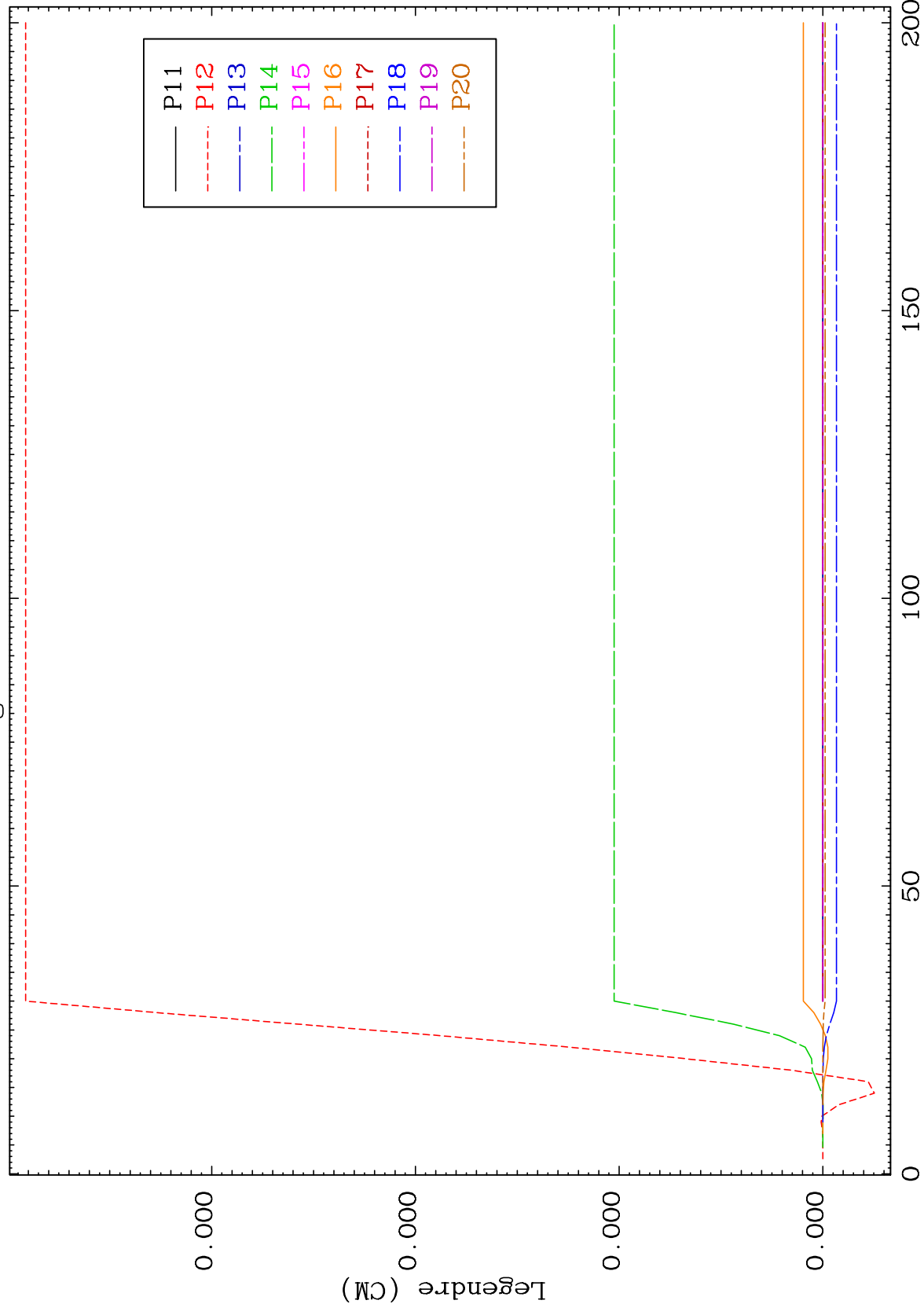
55-Cs-142



MAT 5552

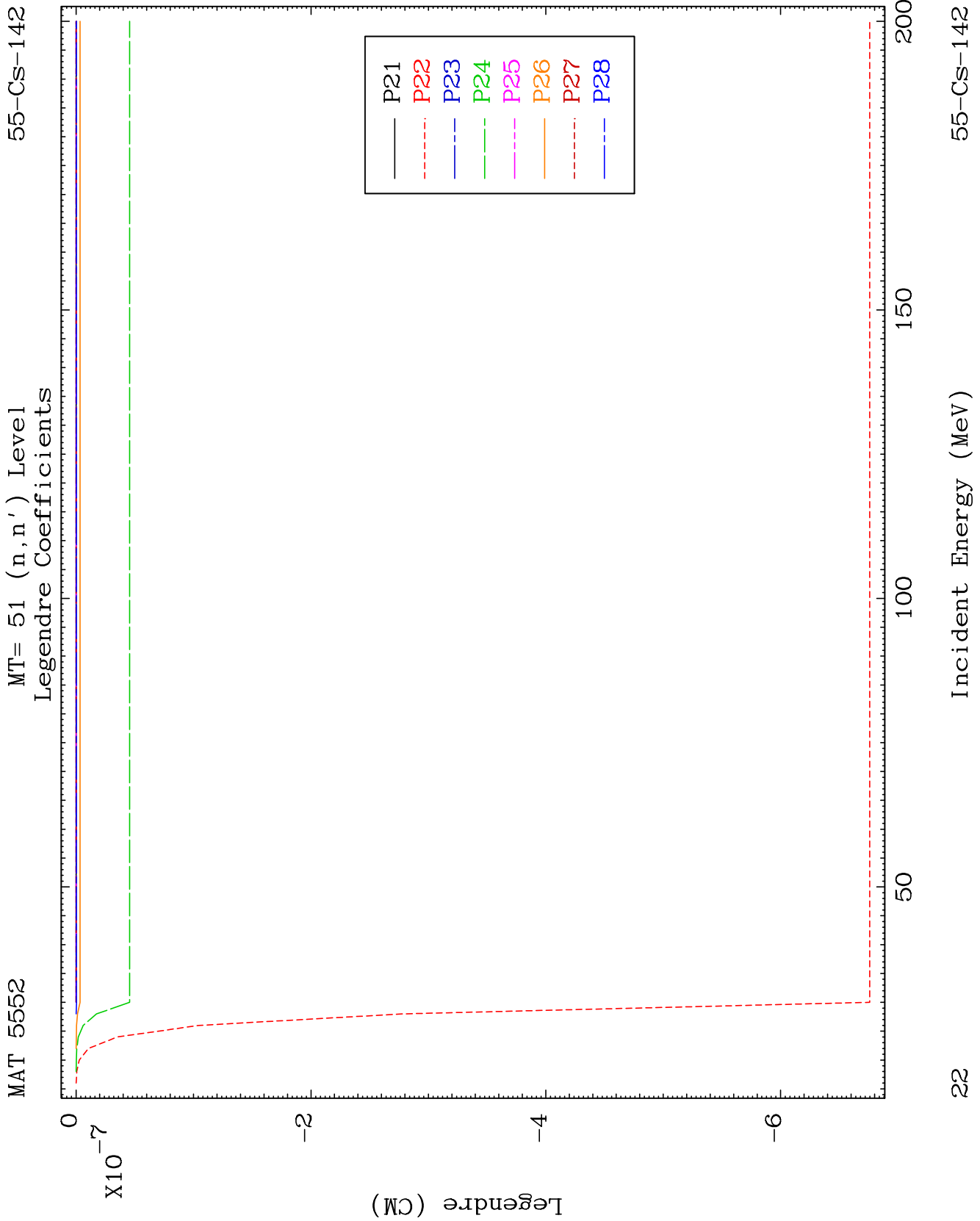
MT= 51 (n,n') Level
Legendre Coefficients

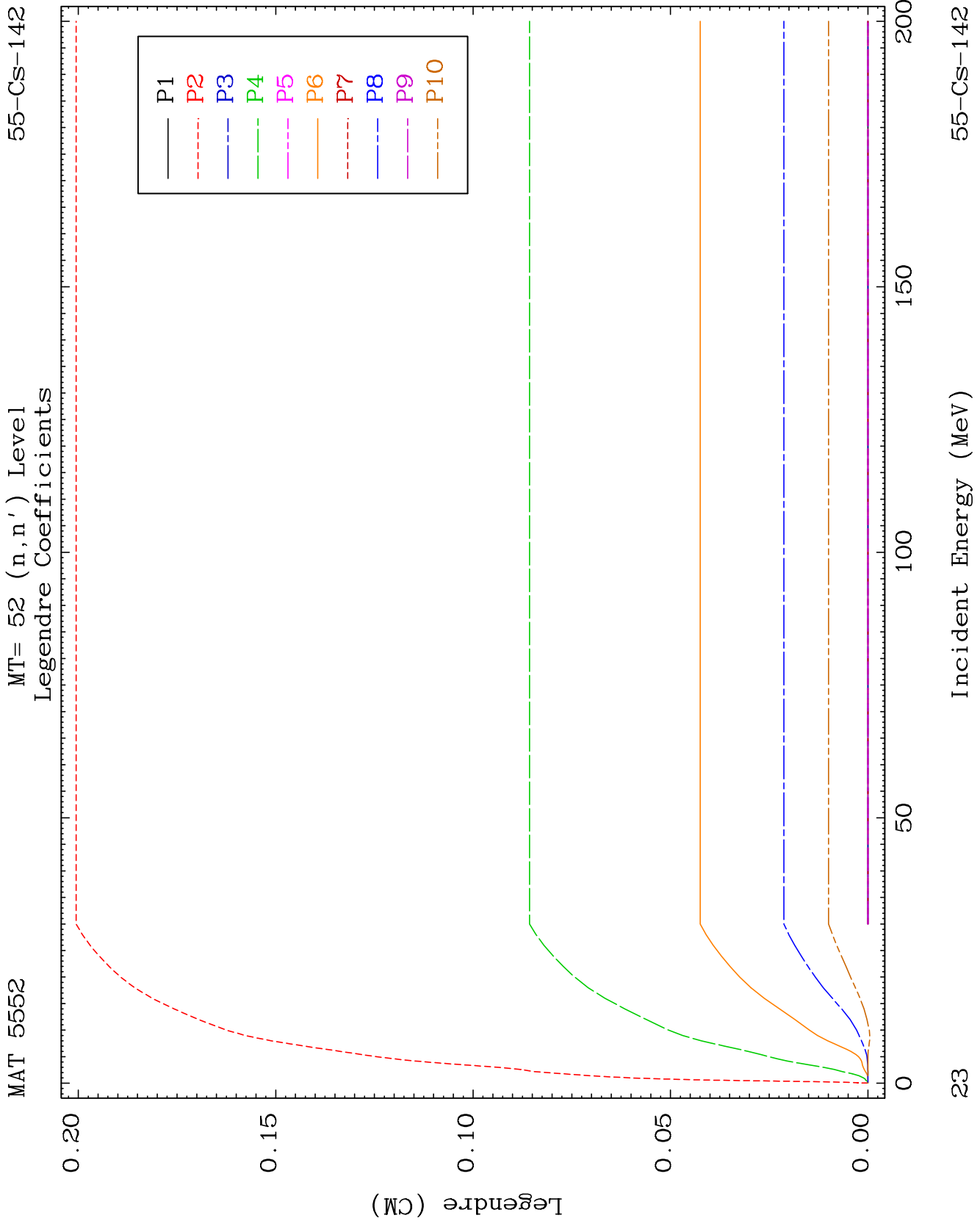
55-Cs-142



21

55-Cs-142

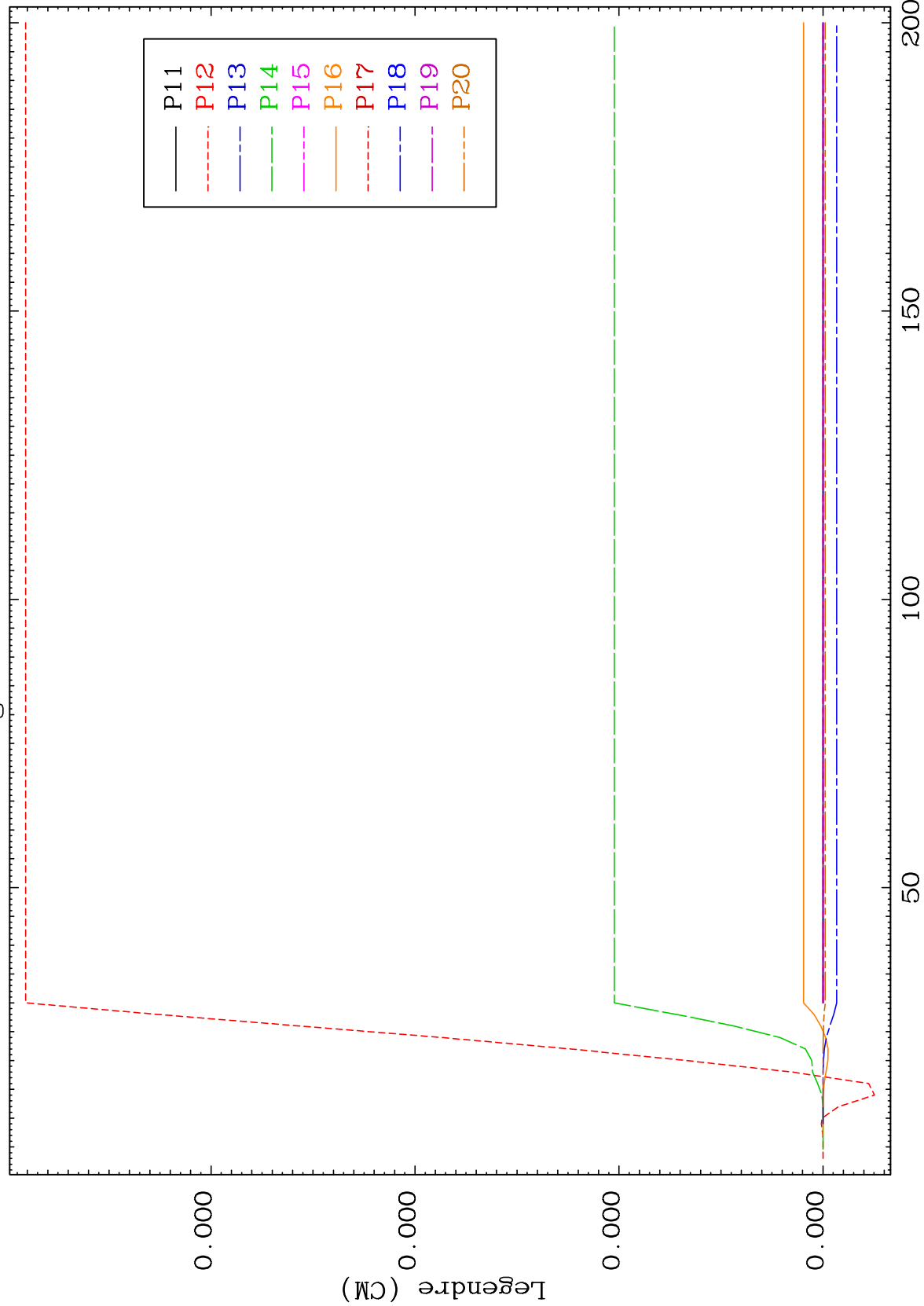




MAT 5552

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

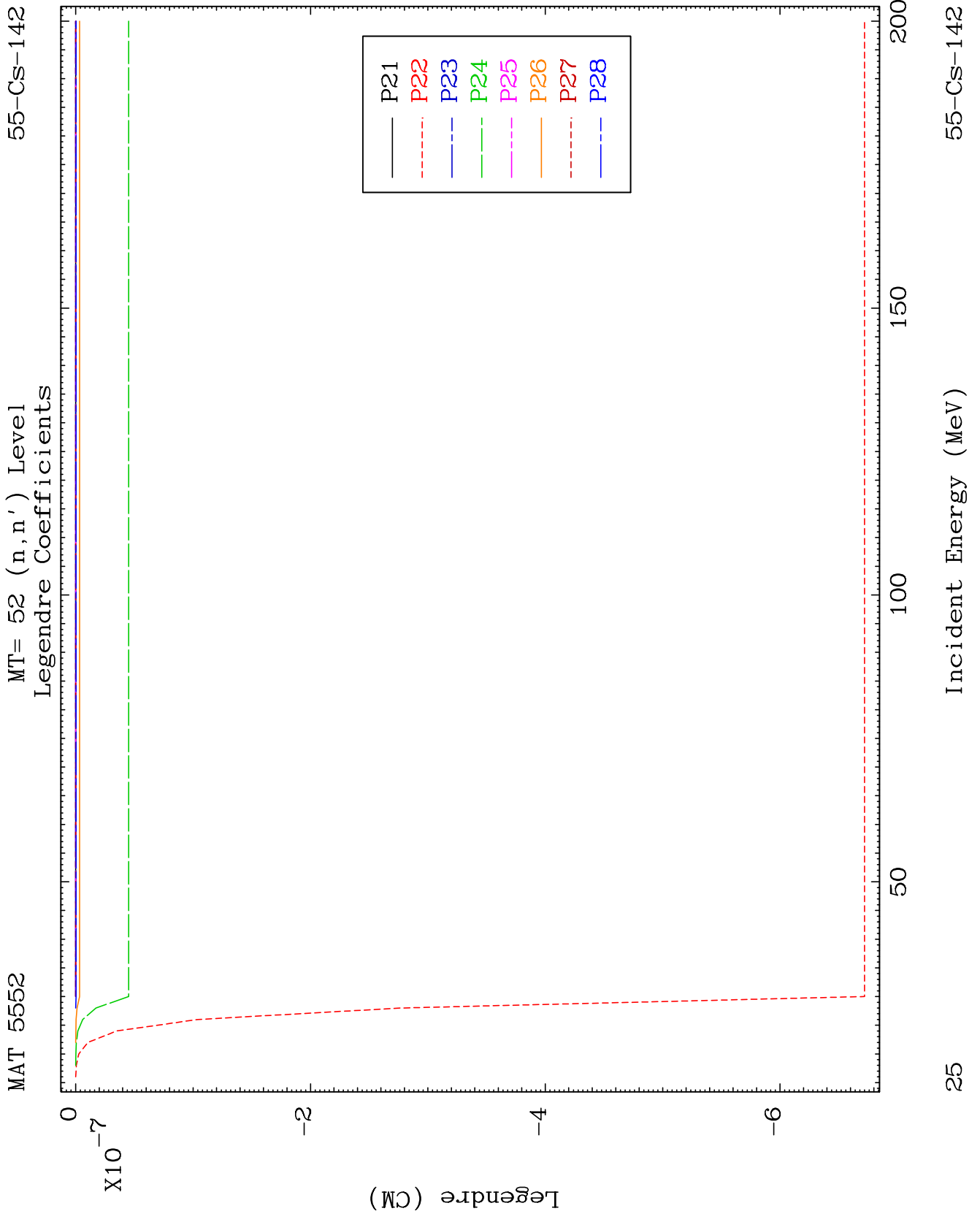
55-Cs-142



24

Incident Energy (MeV)

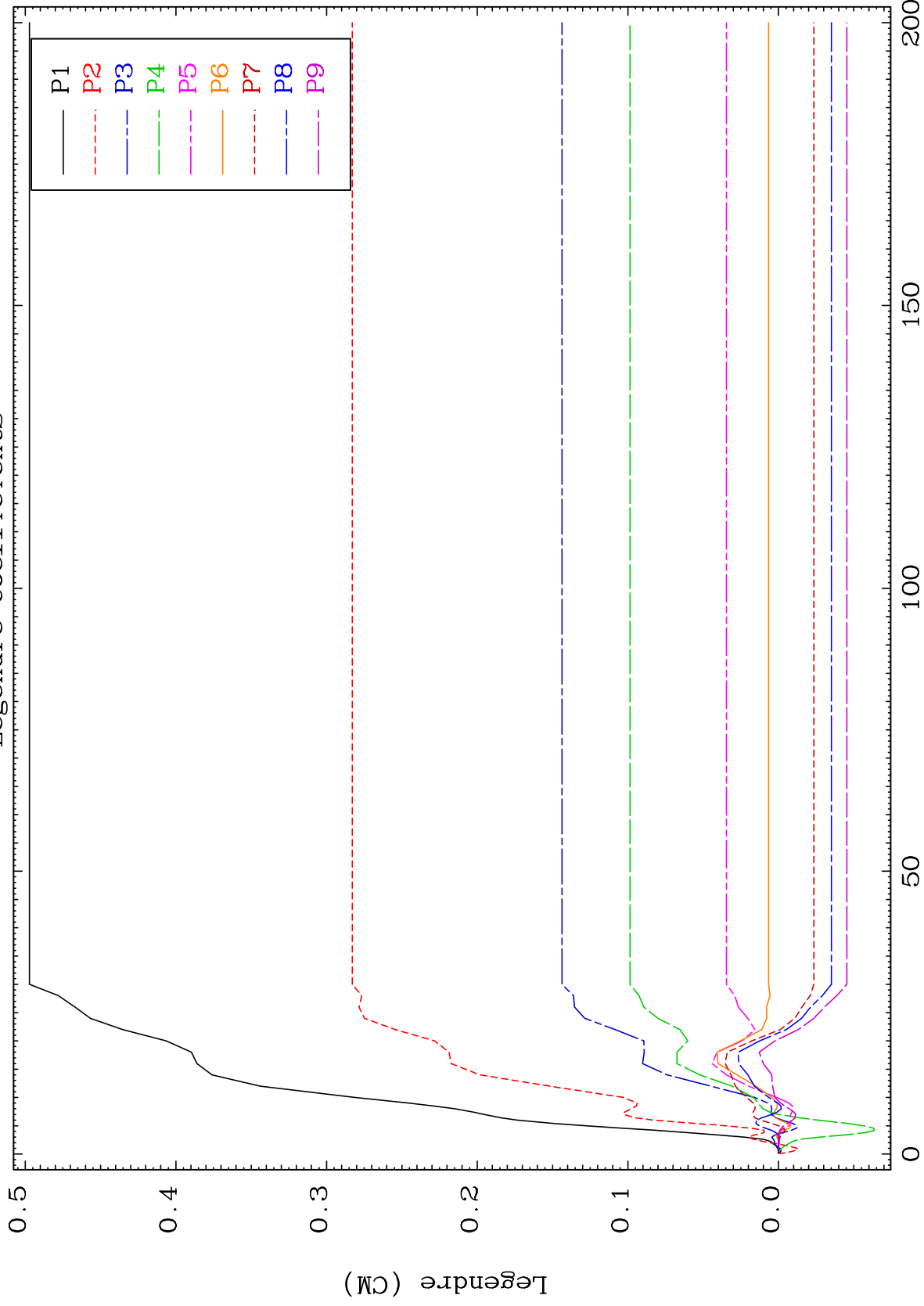
55-Cs-142



MAT 5552

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

55-Cs-142



26

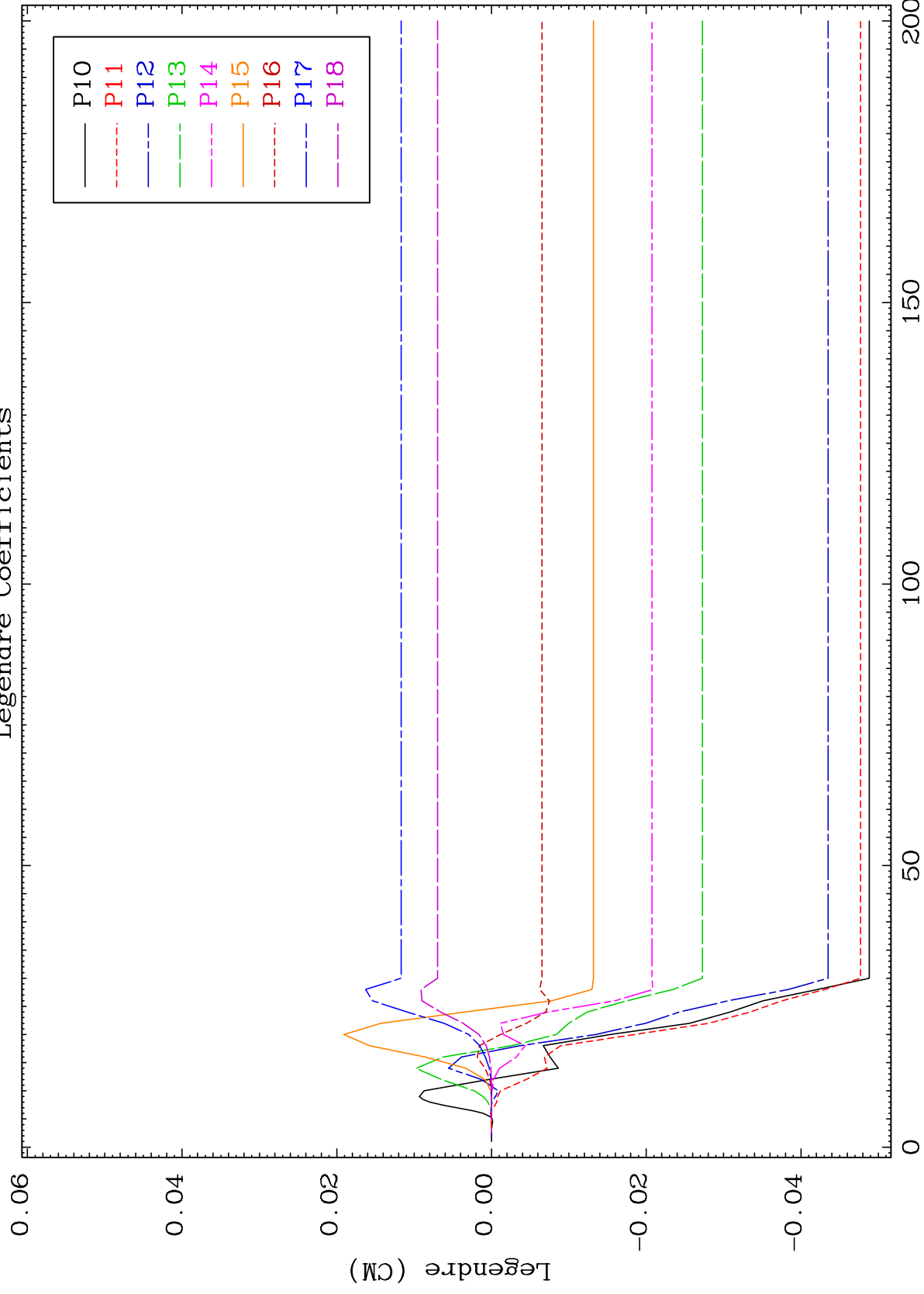
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



27

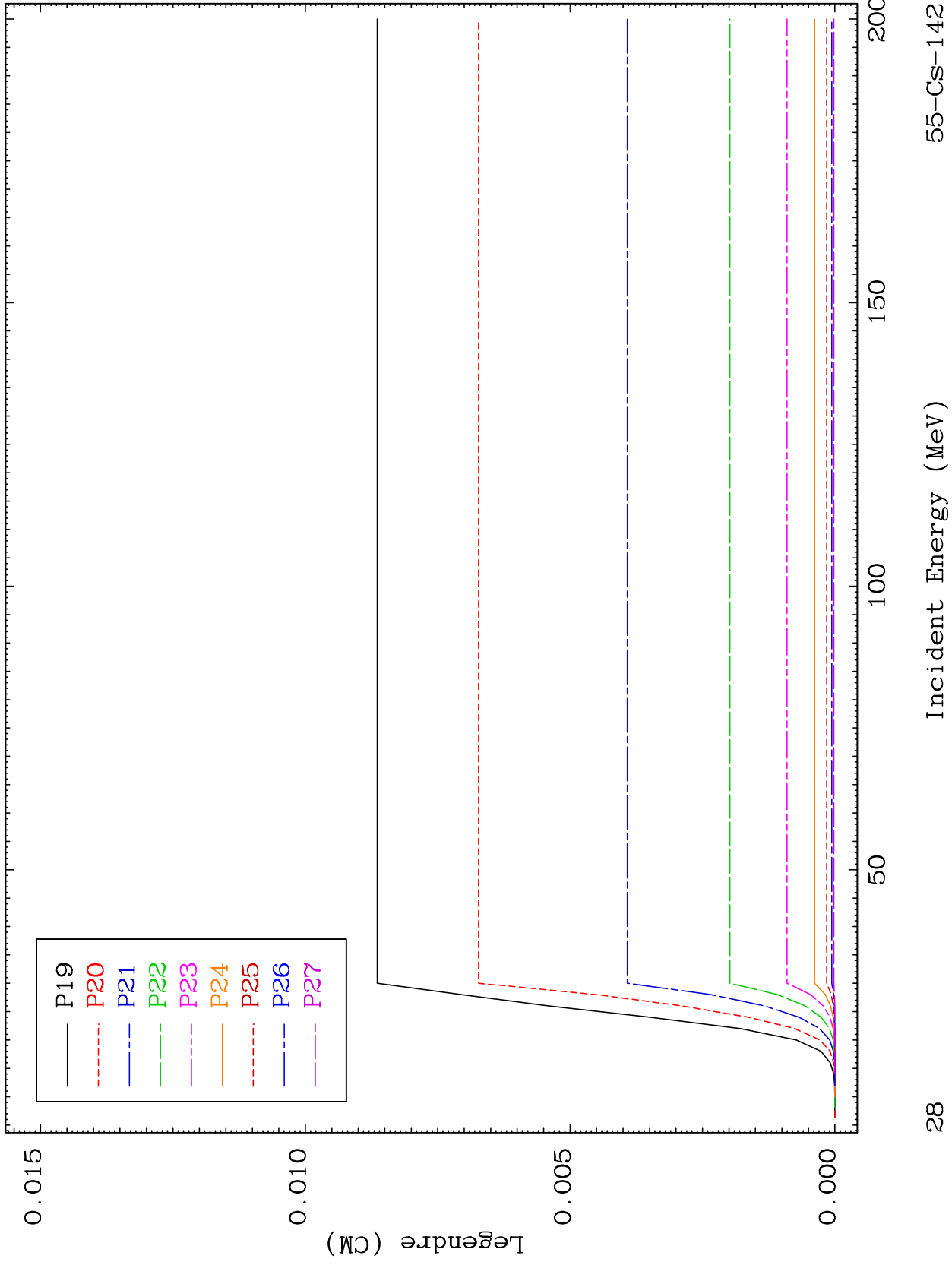
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



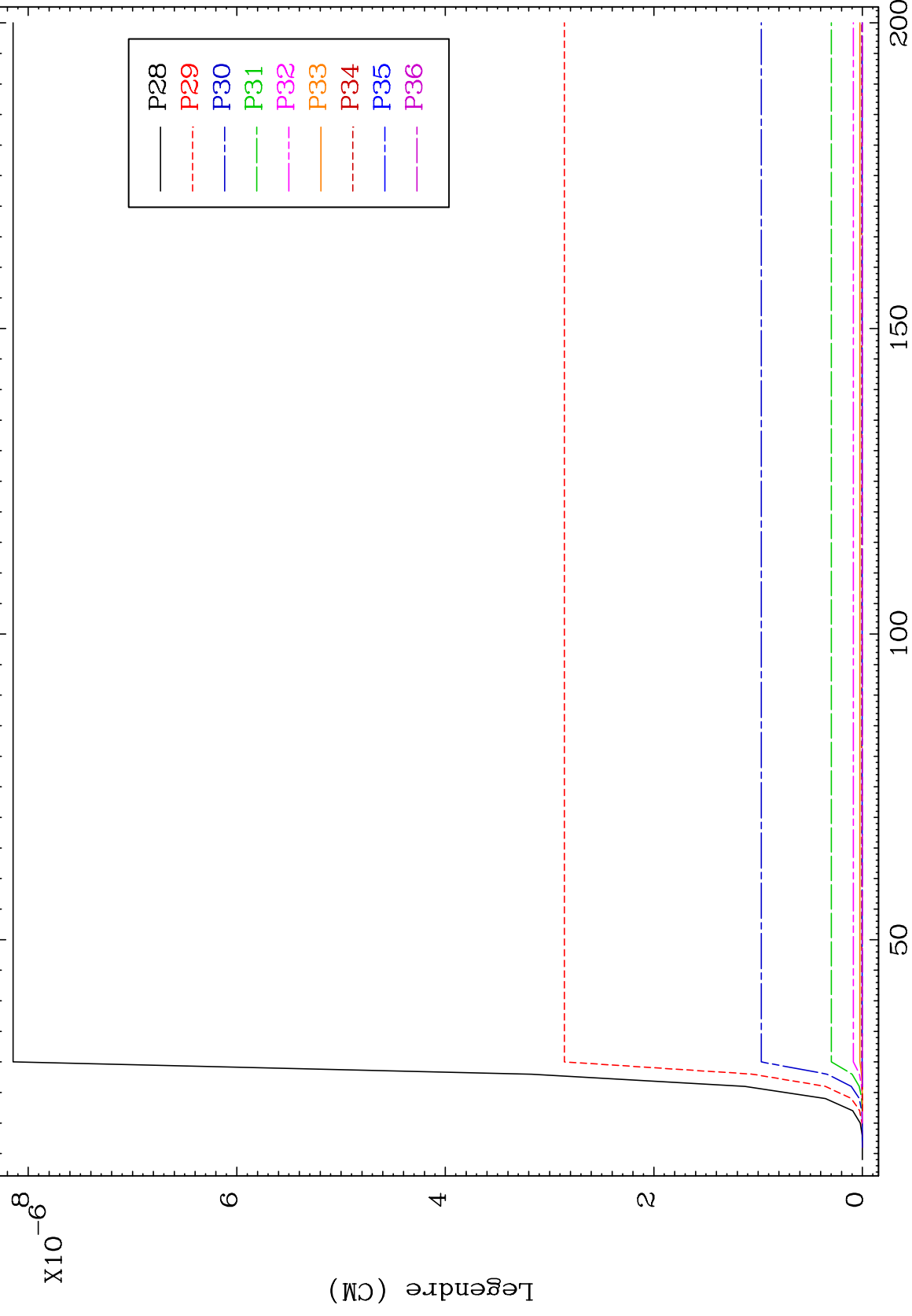
28

55-Cs-142

MAT 5552

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

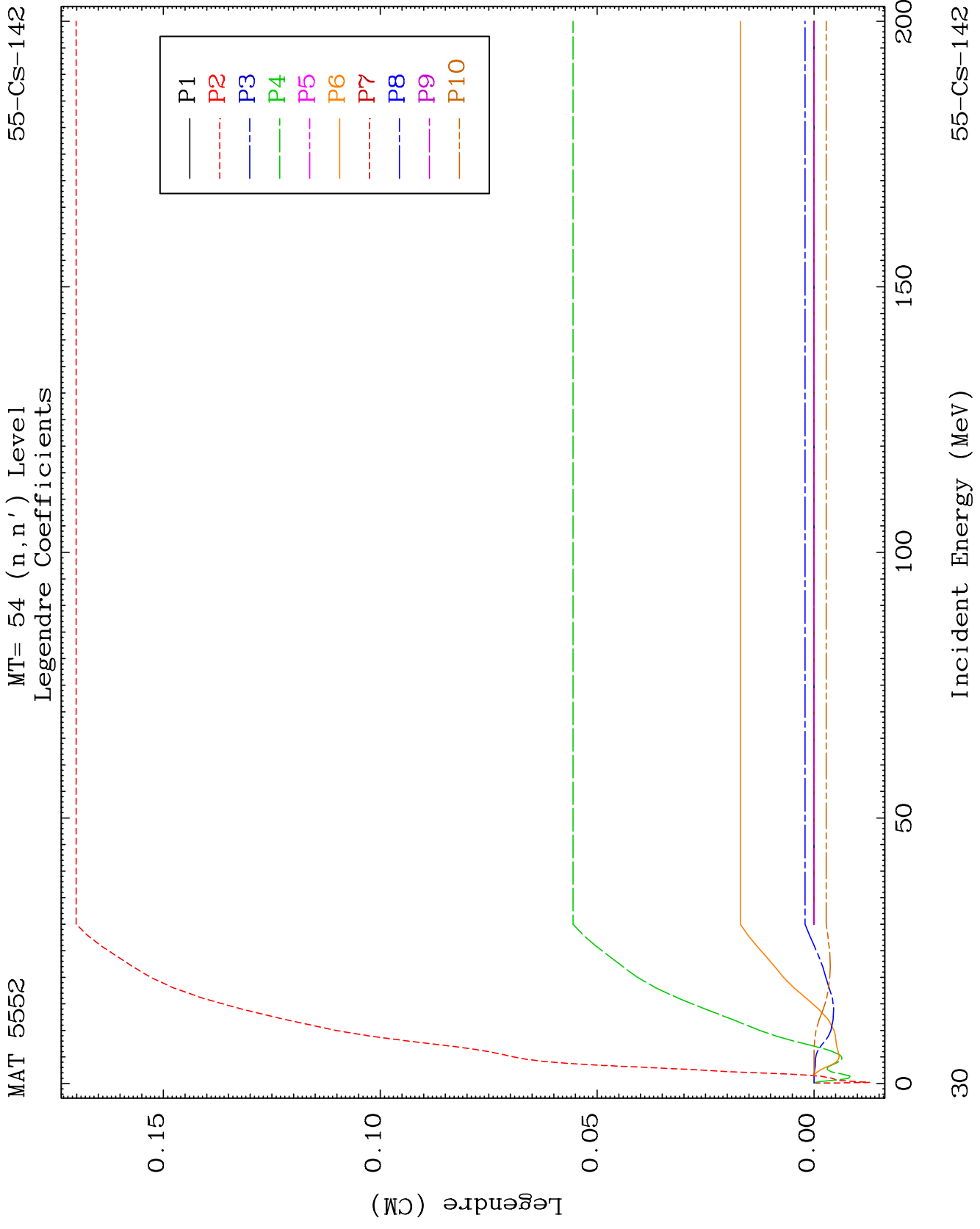
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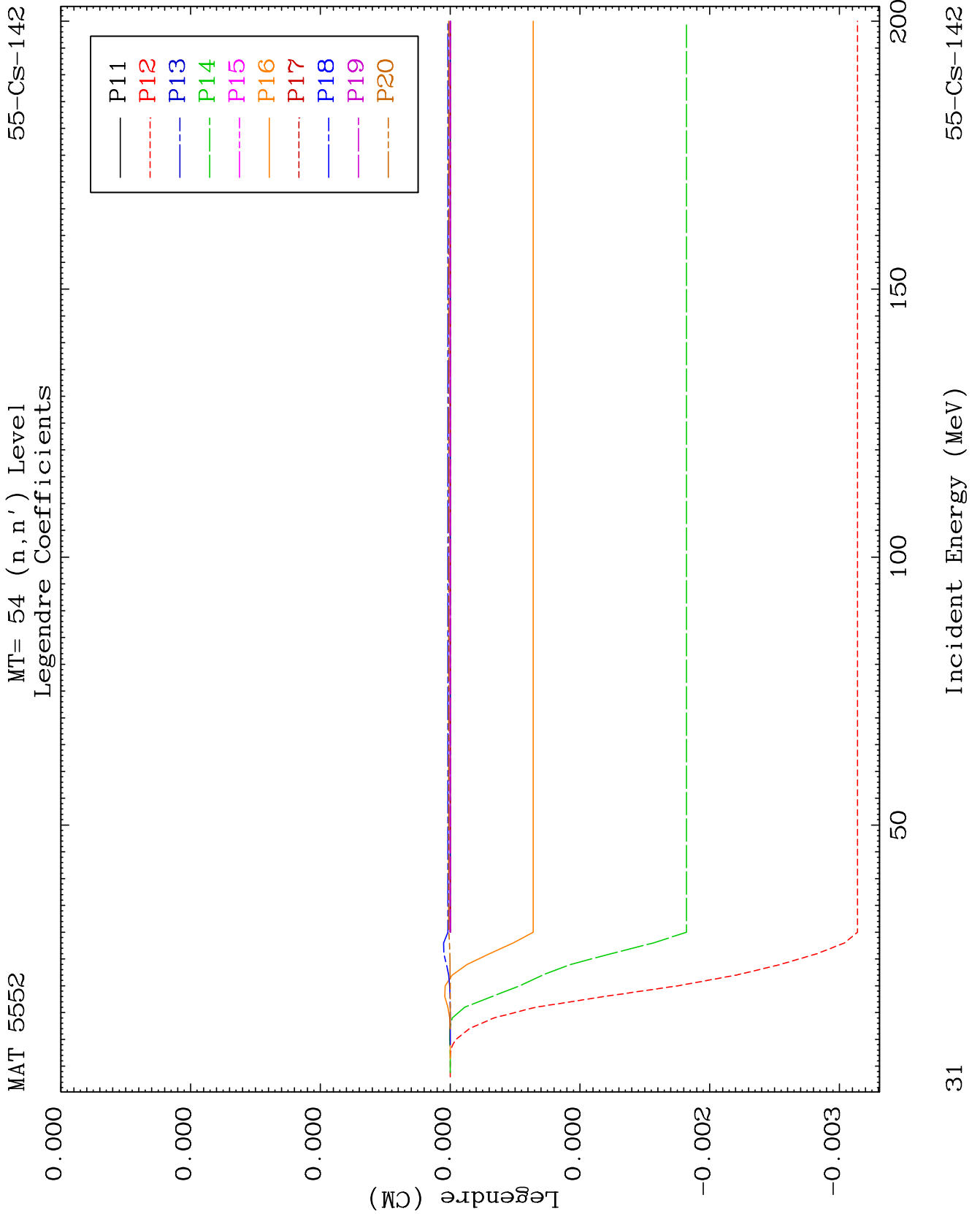


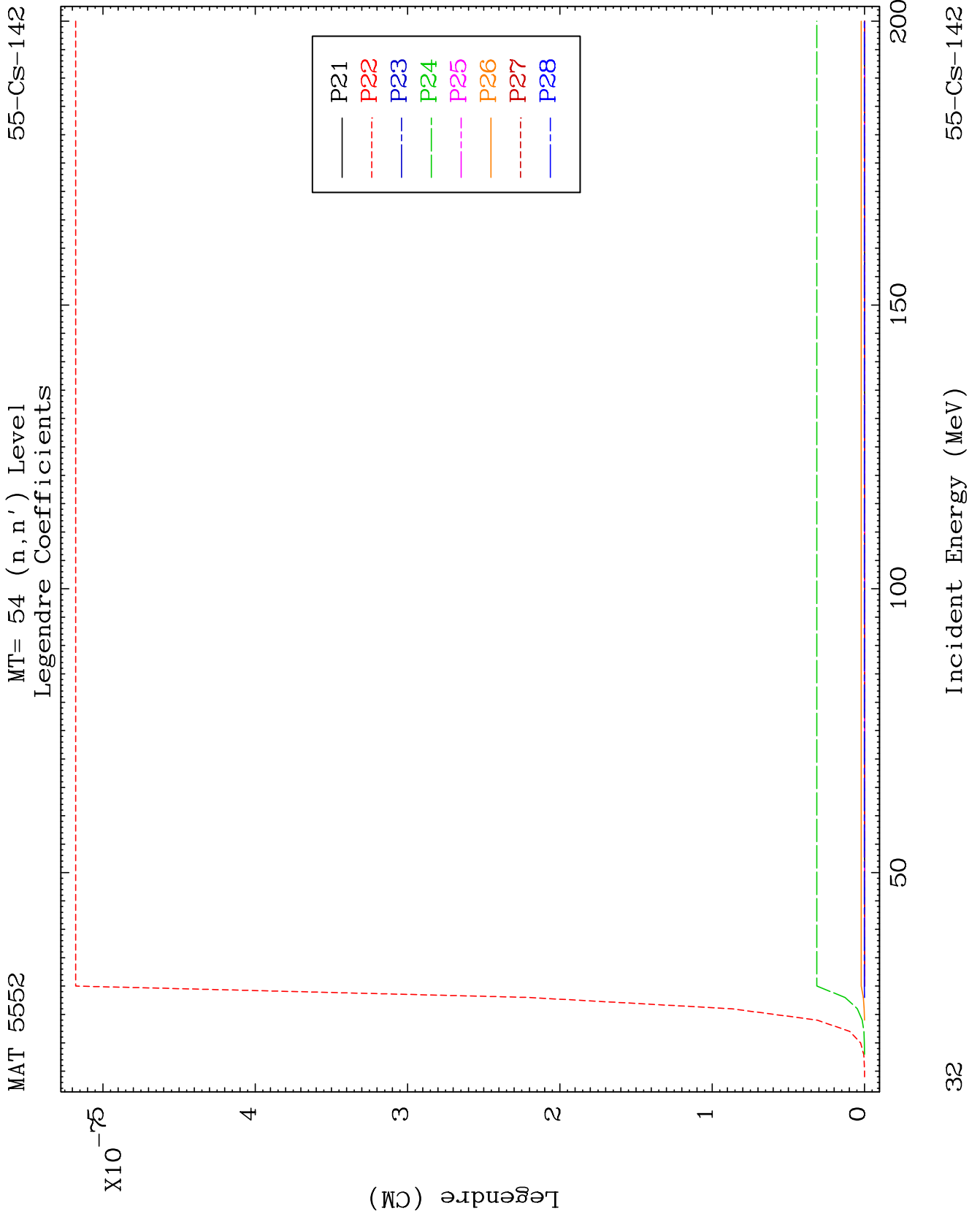
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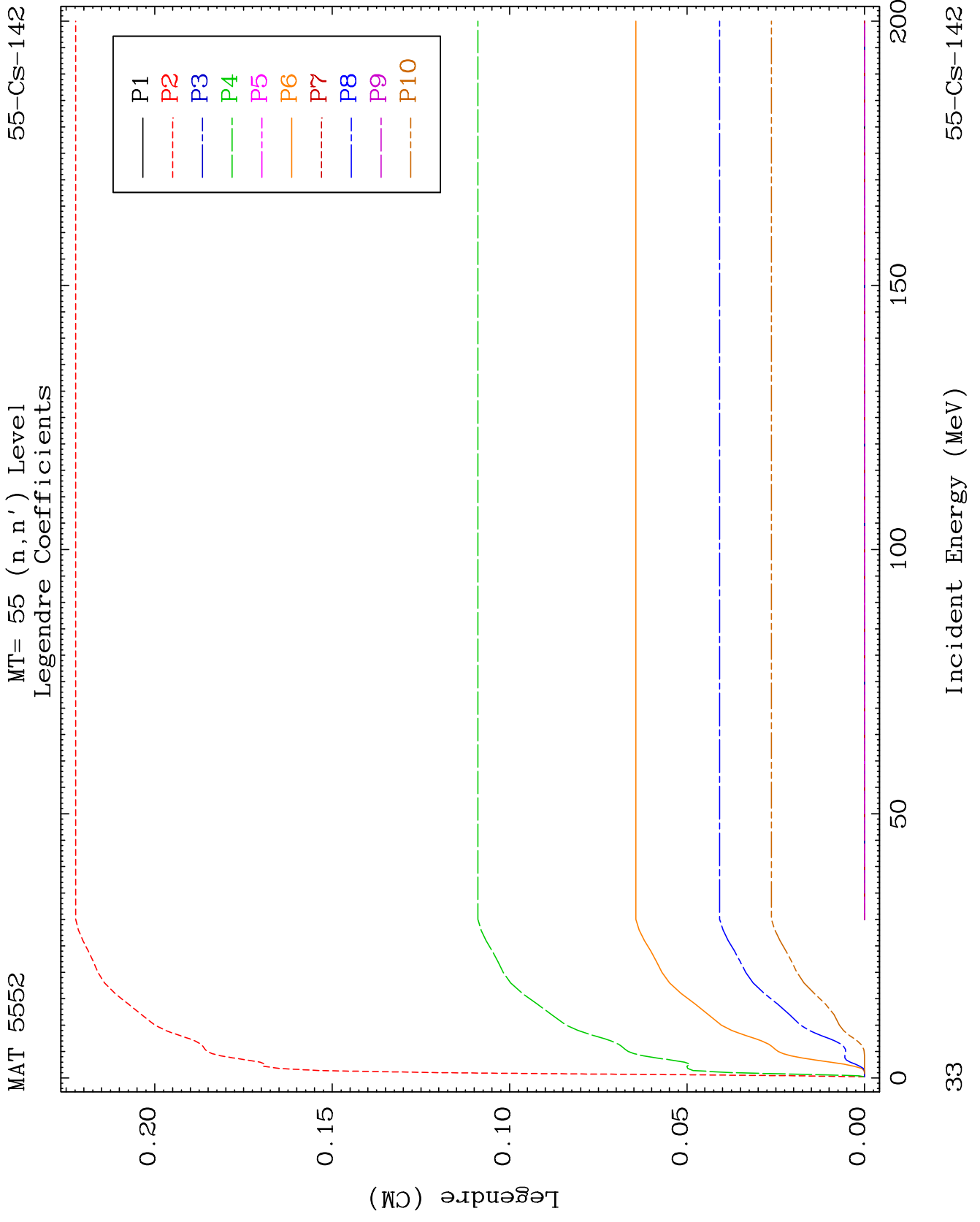
Incident Energy (MeV)

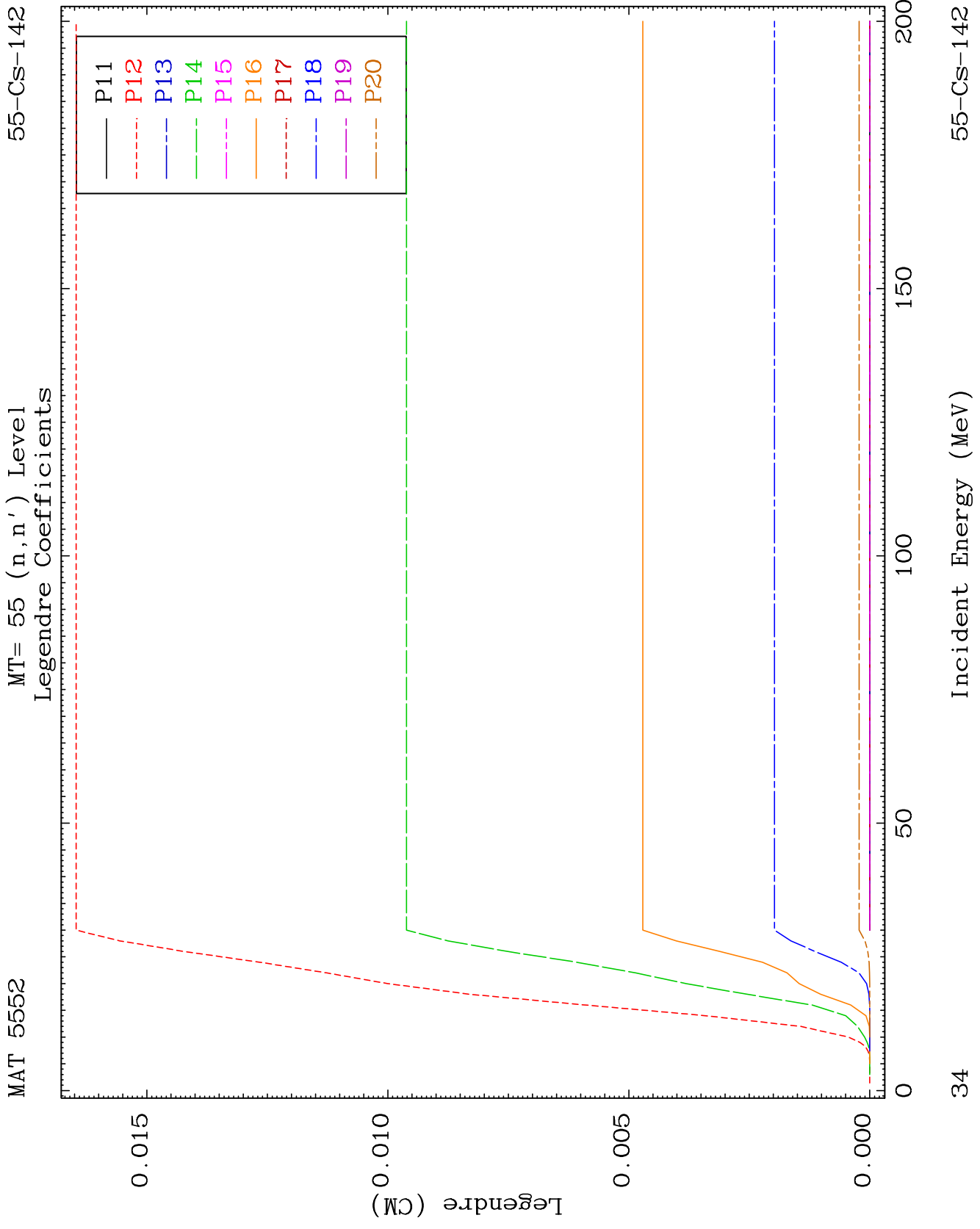
55-Cs-142

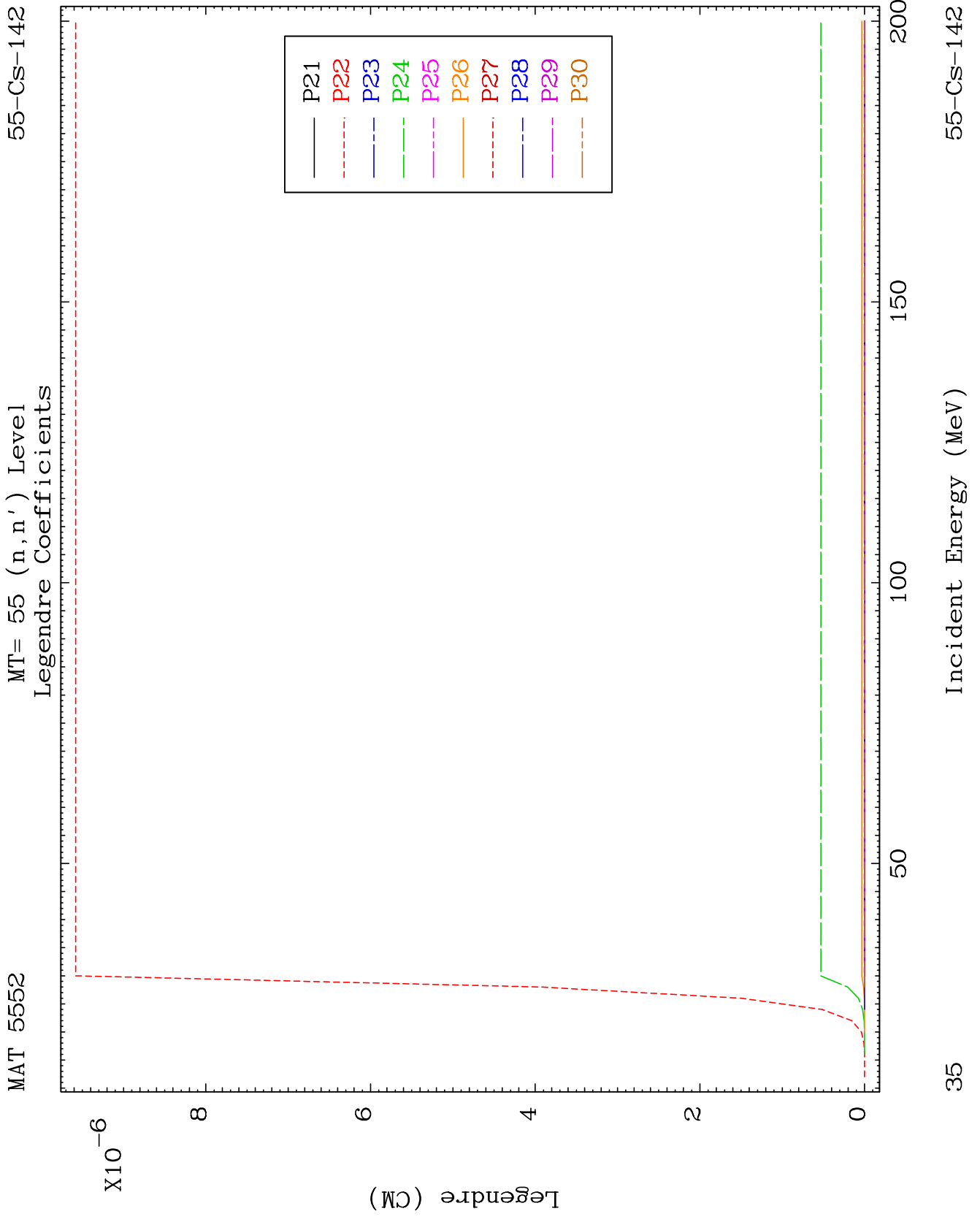








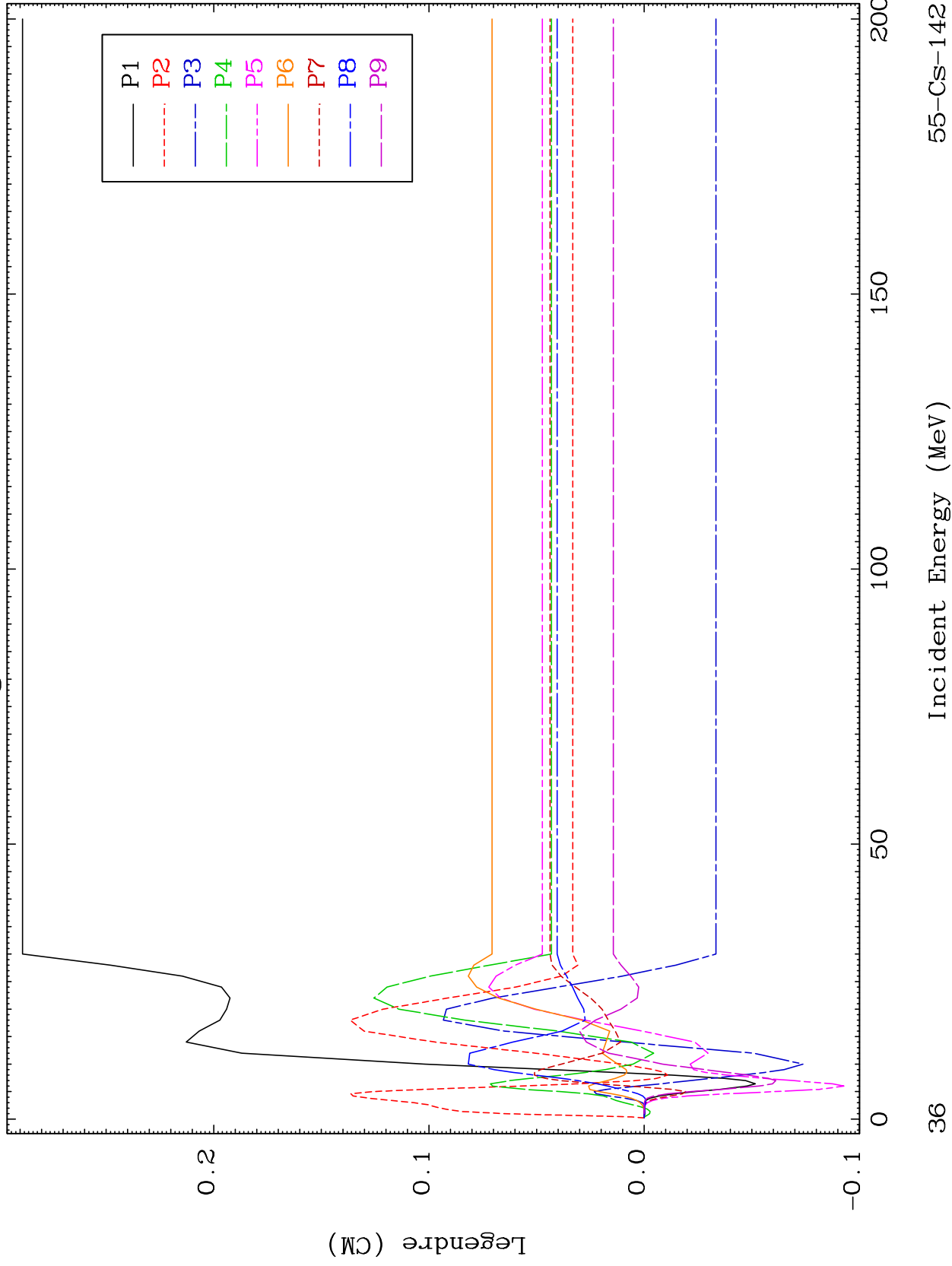




MAT 5552

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

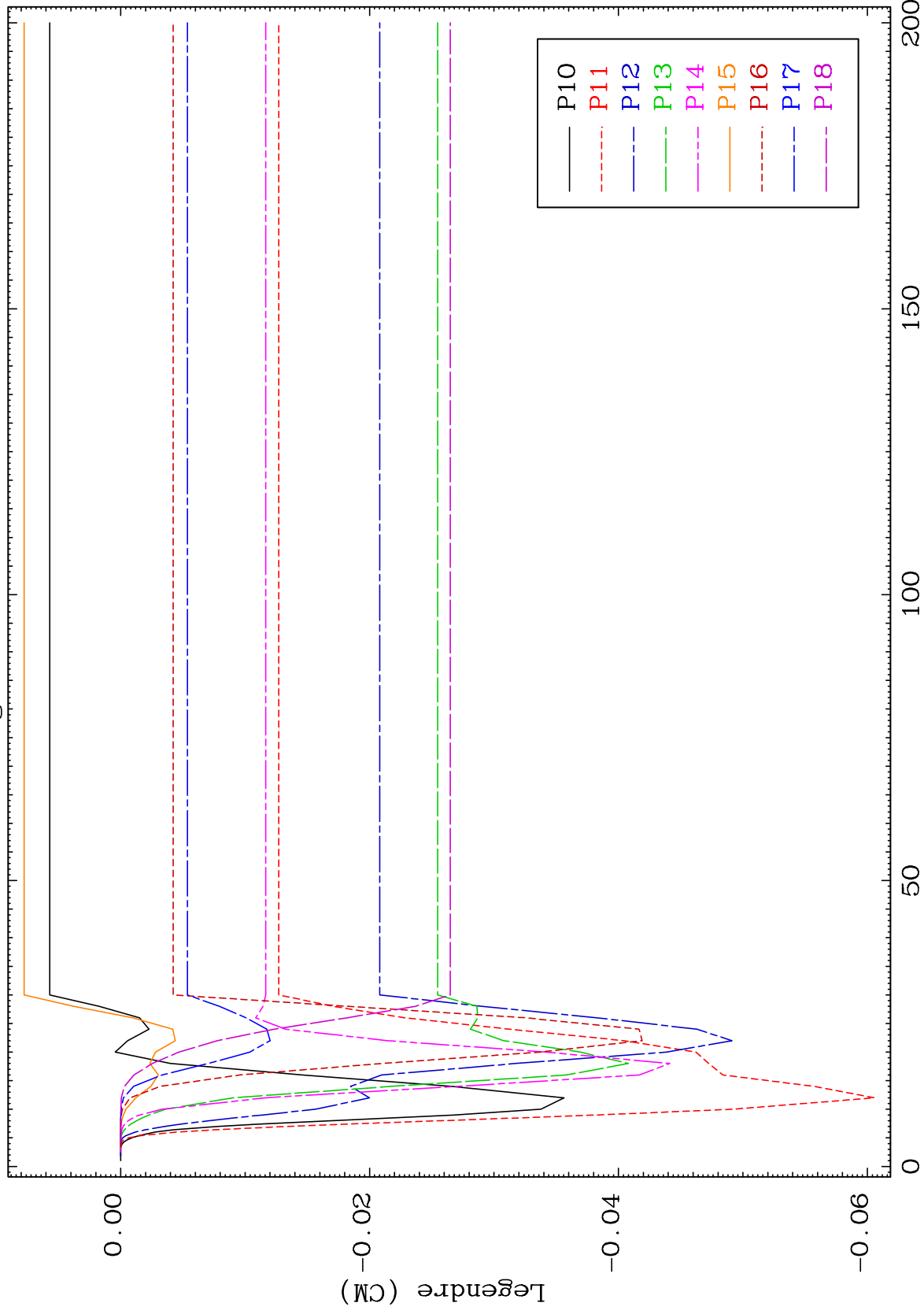
55-Cs-142



MAT 5552

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

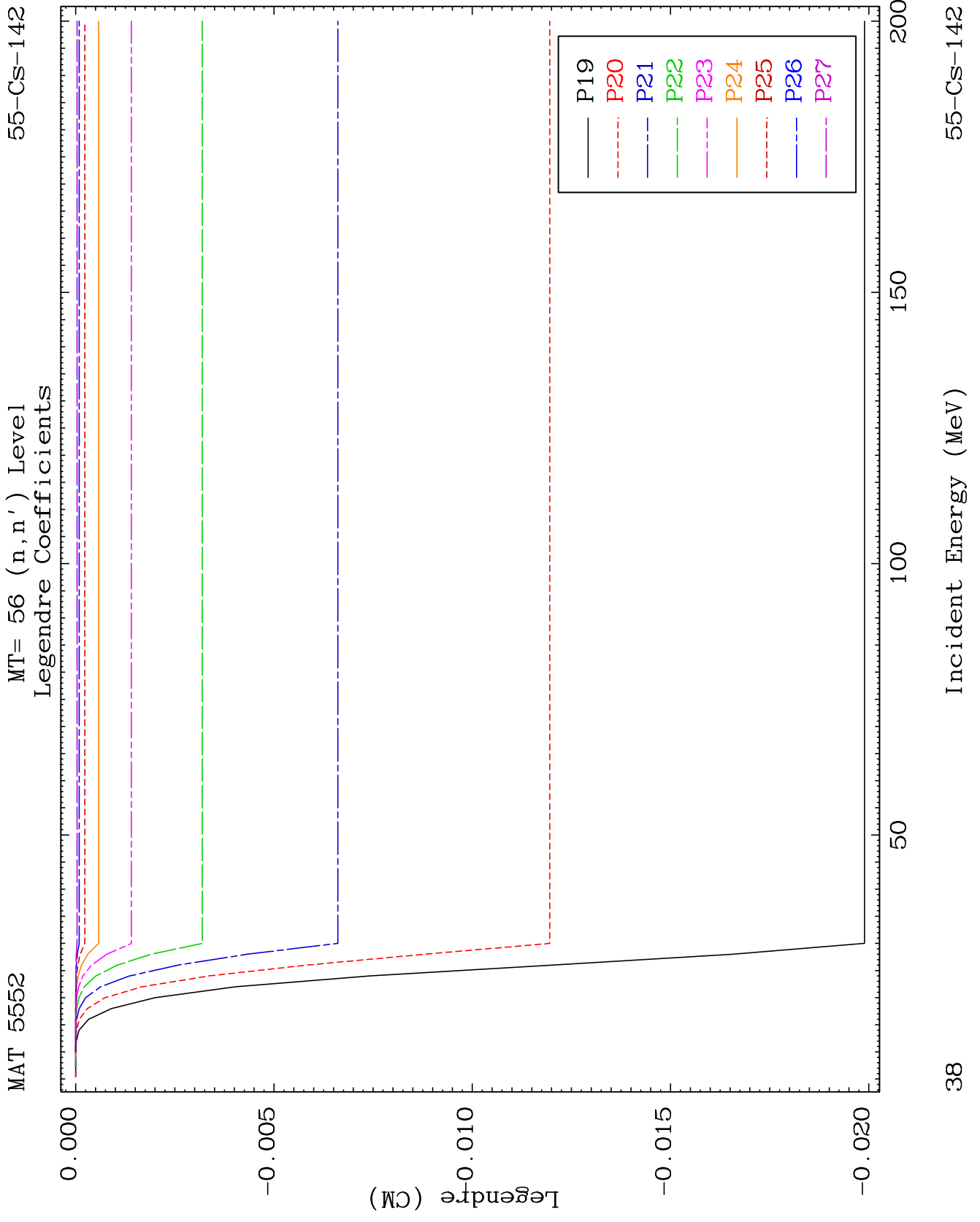
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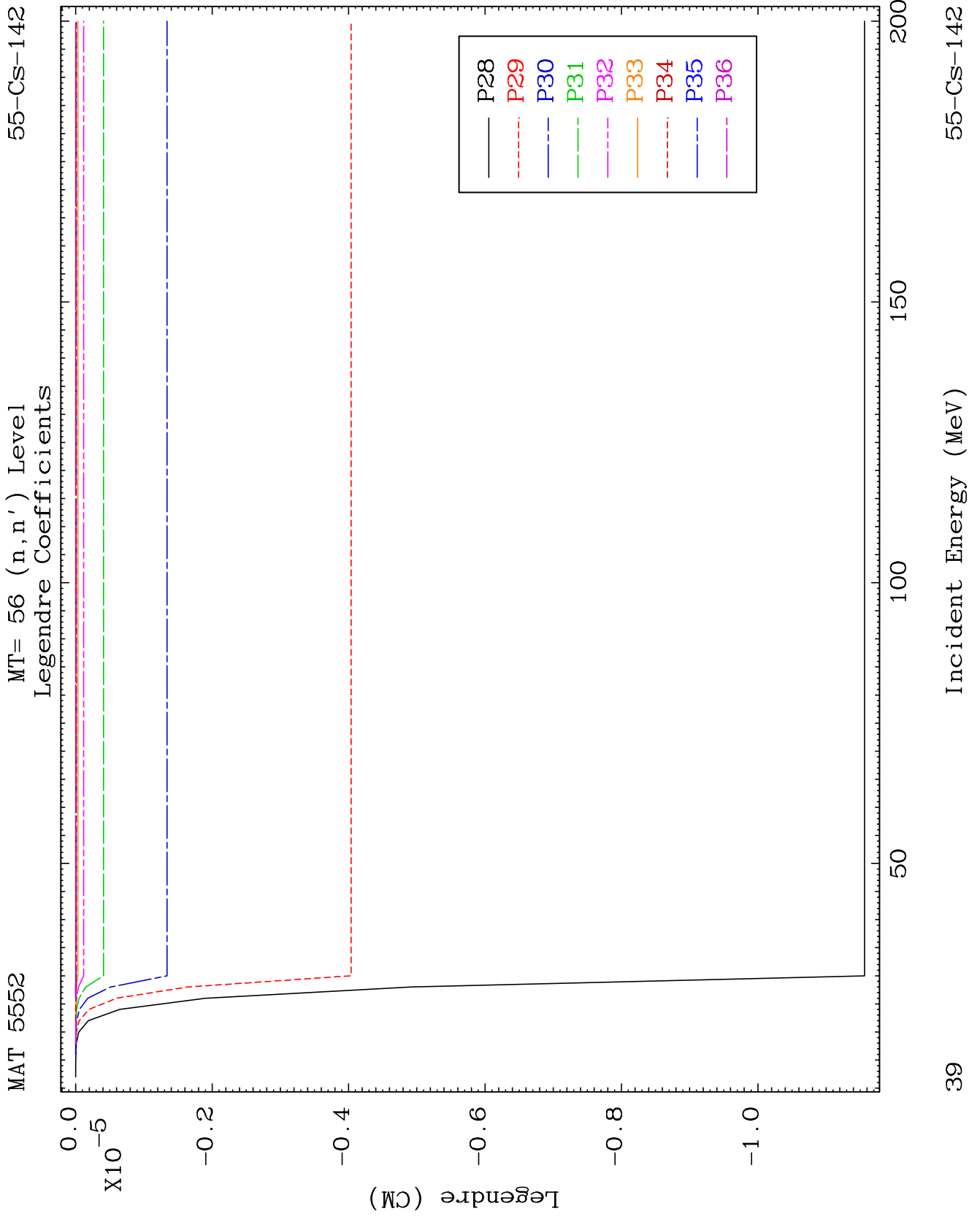


37

Incident Energy (MeV)

55-Cs-142

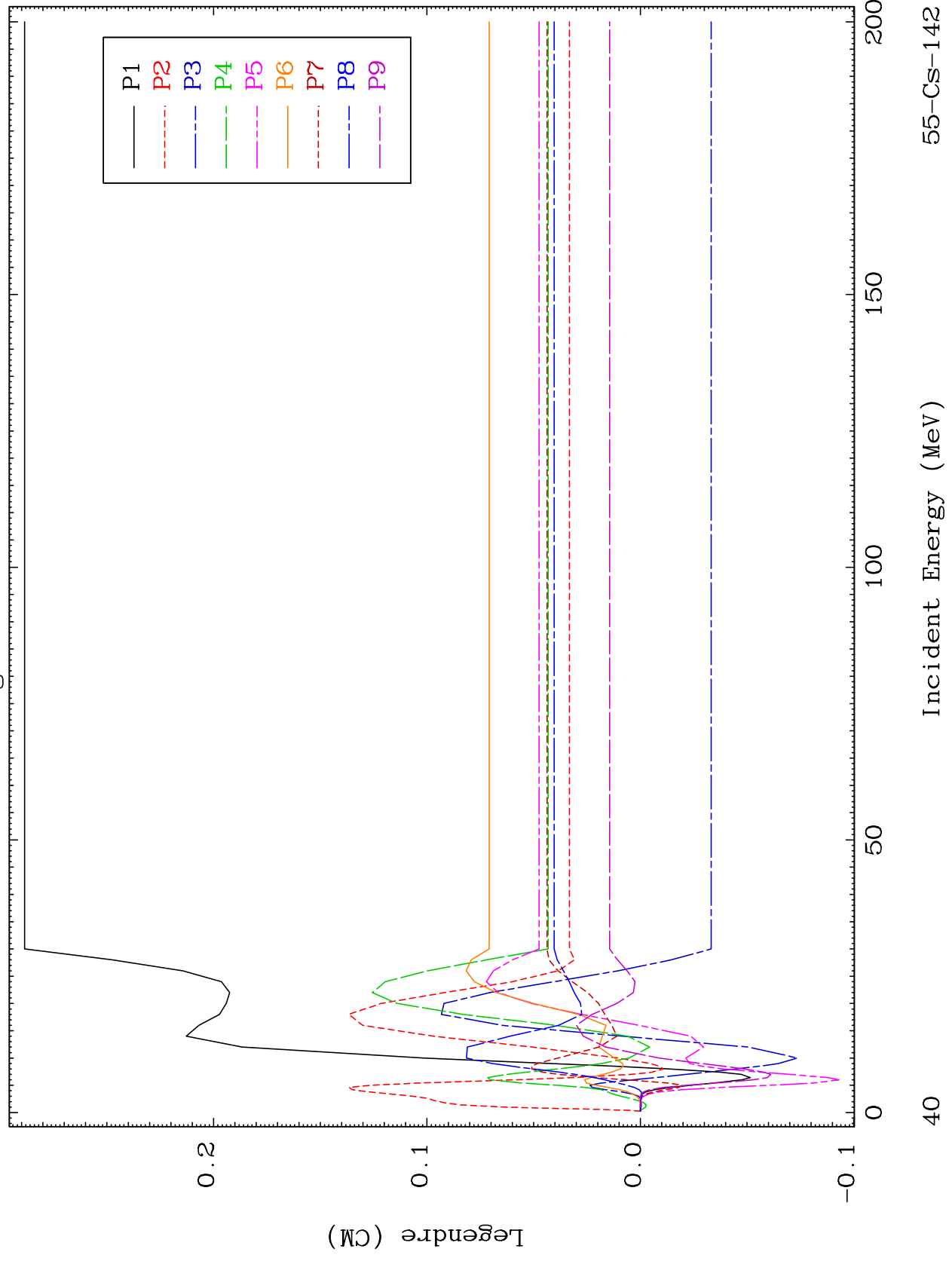




MAT 5552

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

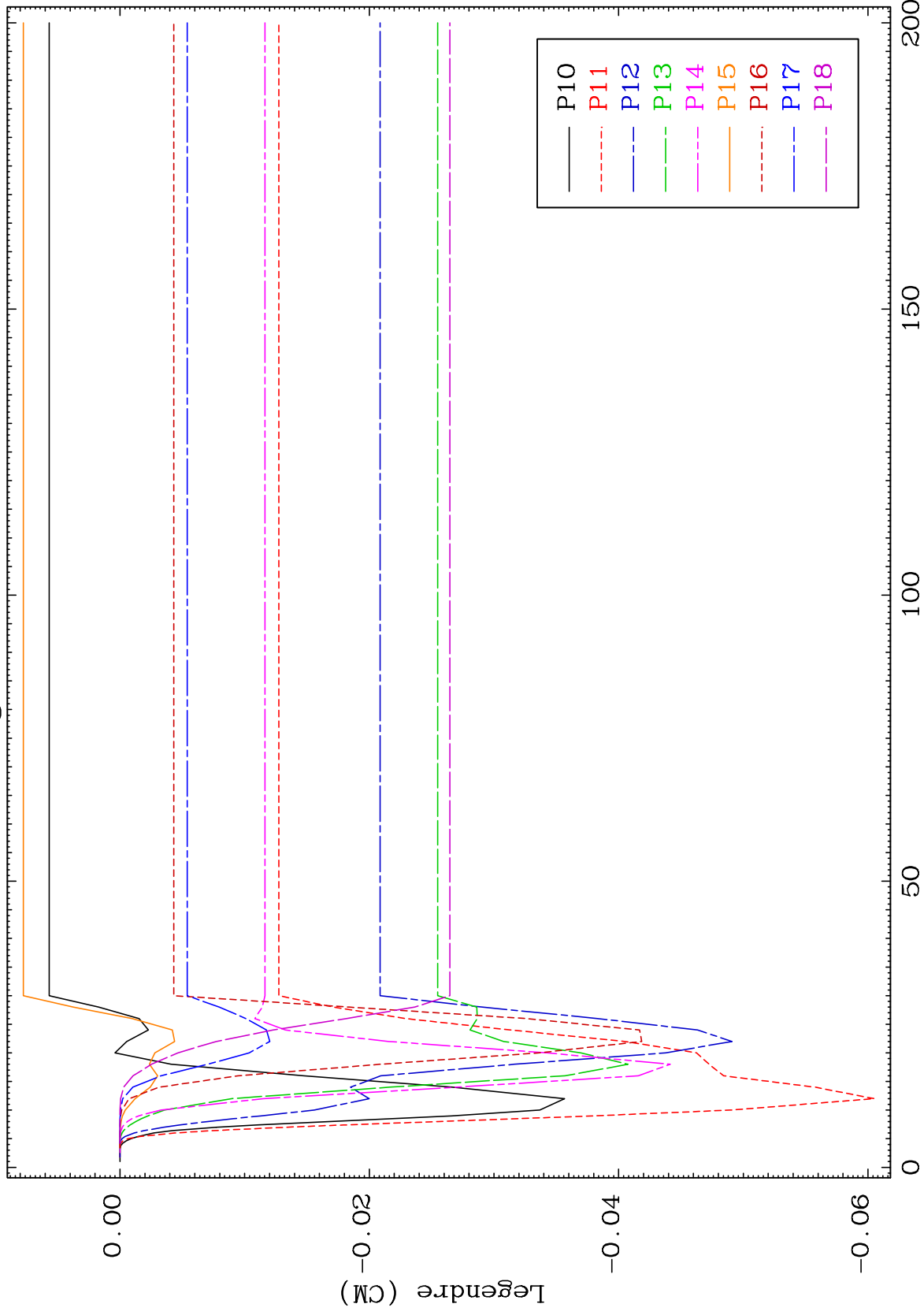
55-Cs-142



MAT 5552

55-Cs-142

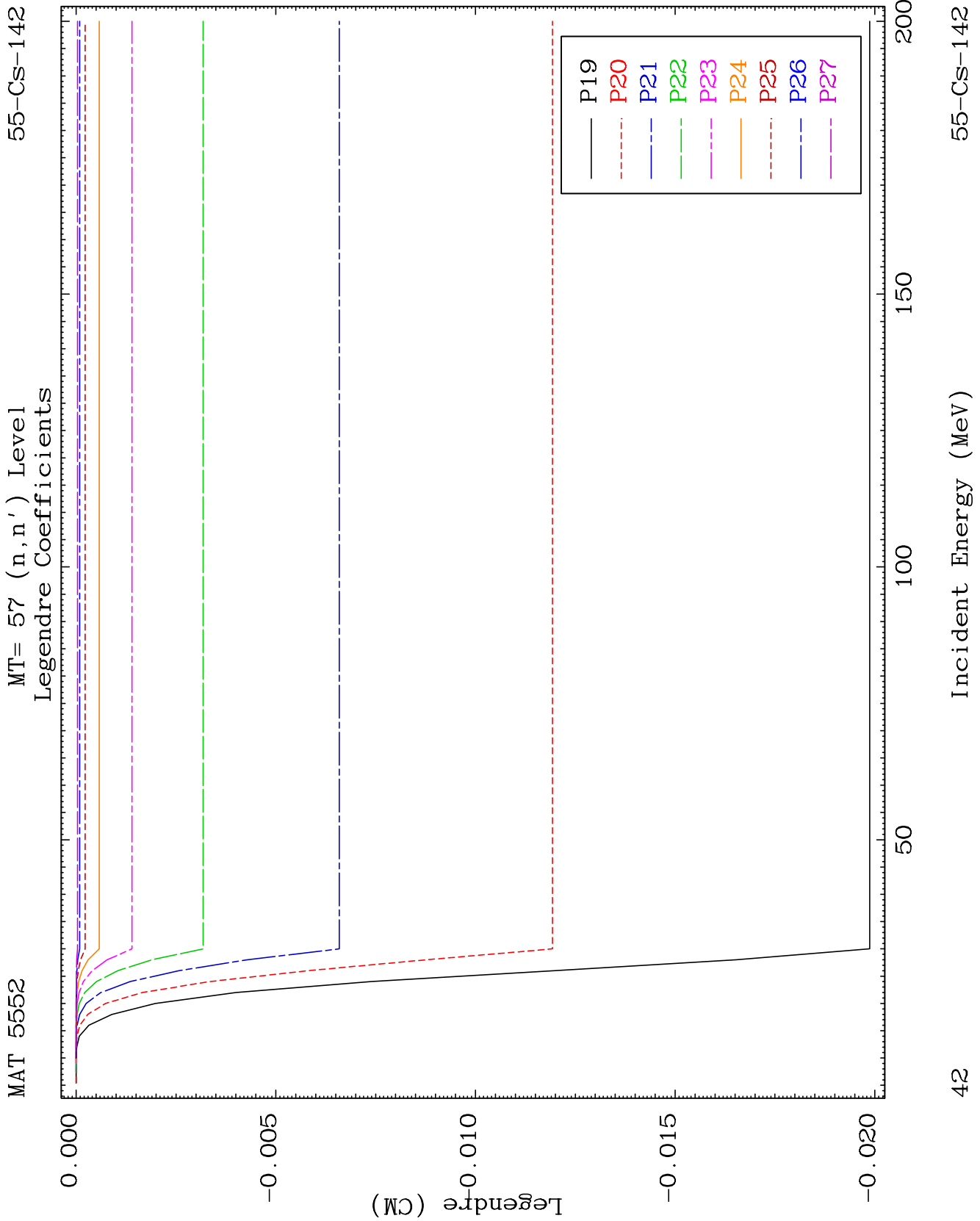
MT= 57 (n,n') Level
Legendre Coefficients

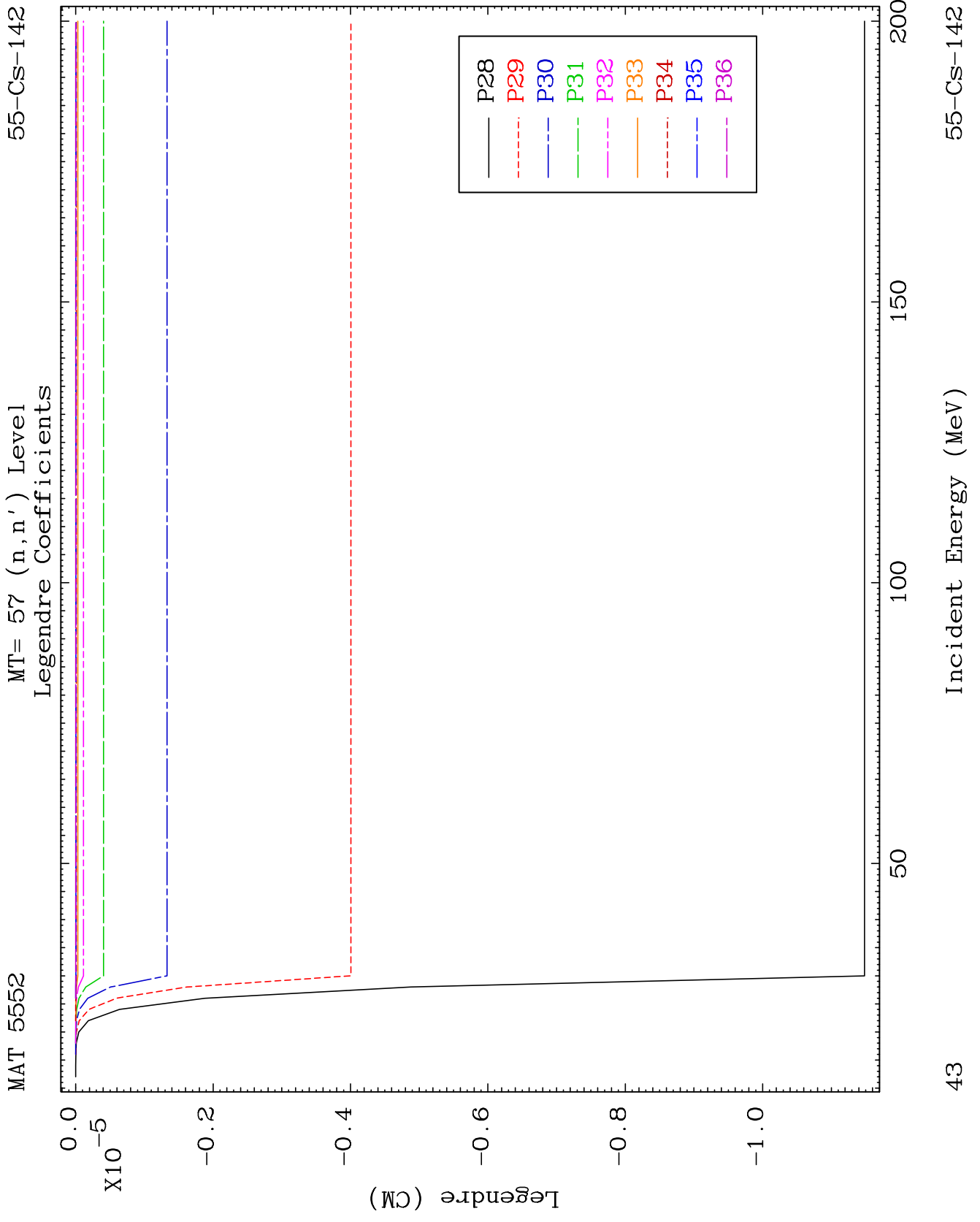


41

Incident Energy (MeV)

55-Cs-142

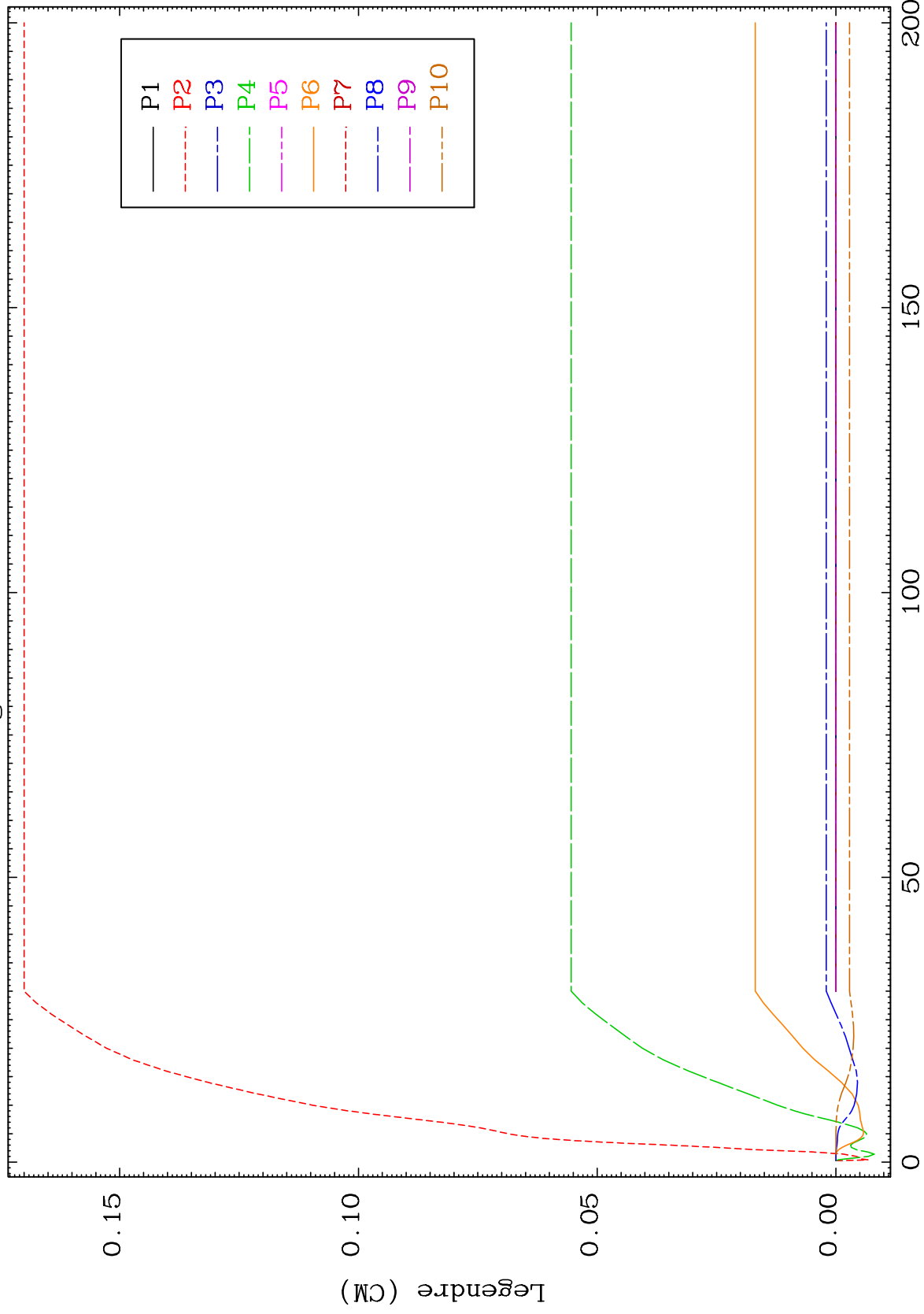




MAT 5552

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

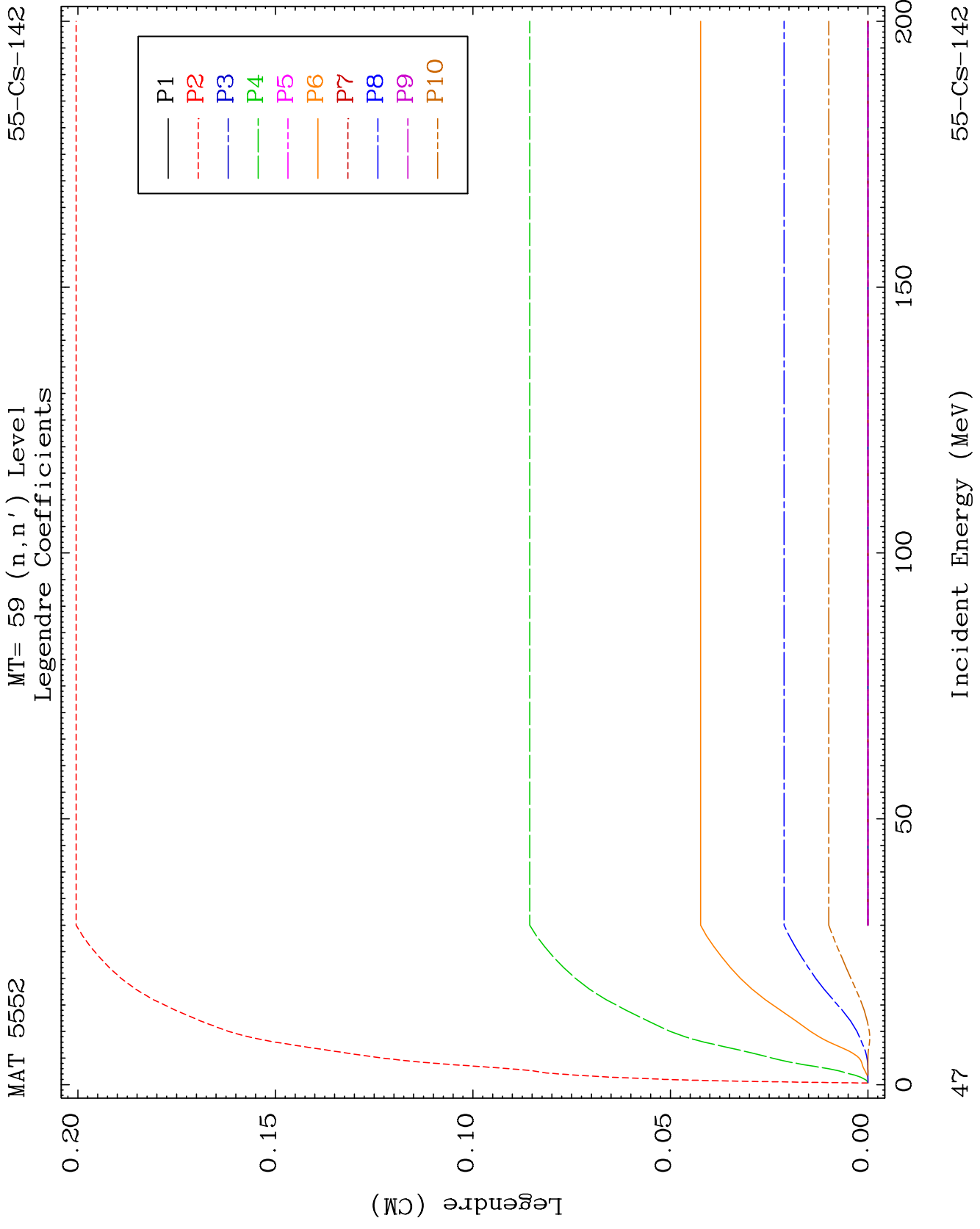
55-Cs-142



44

Incident Energy (MeV)

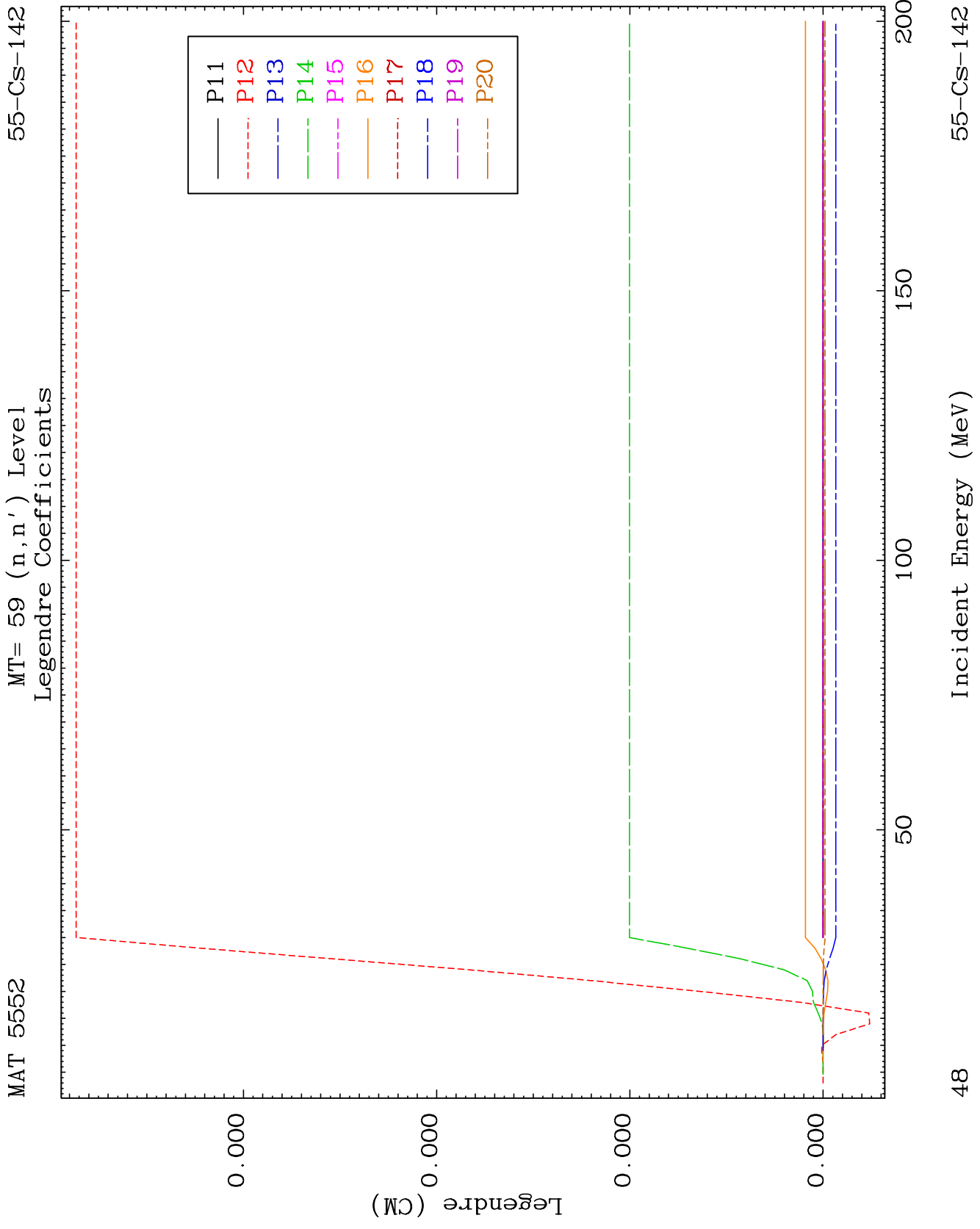
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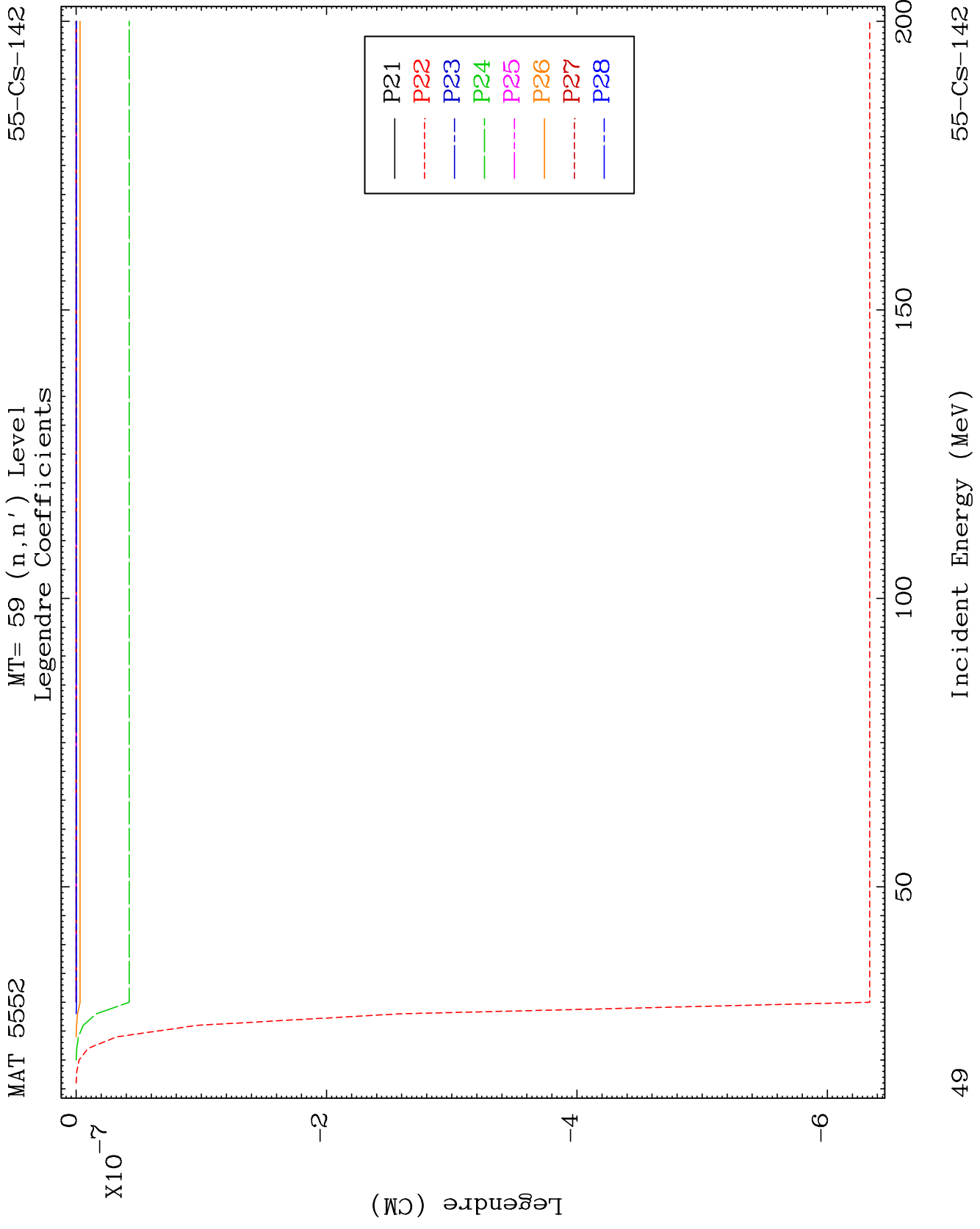


55-Cs-142

Incident Energy (MeV)

47

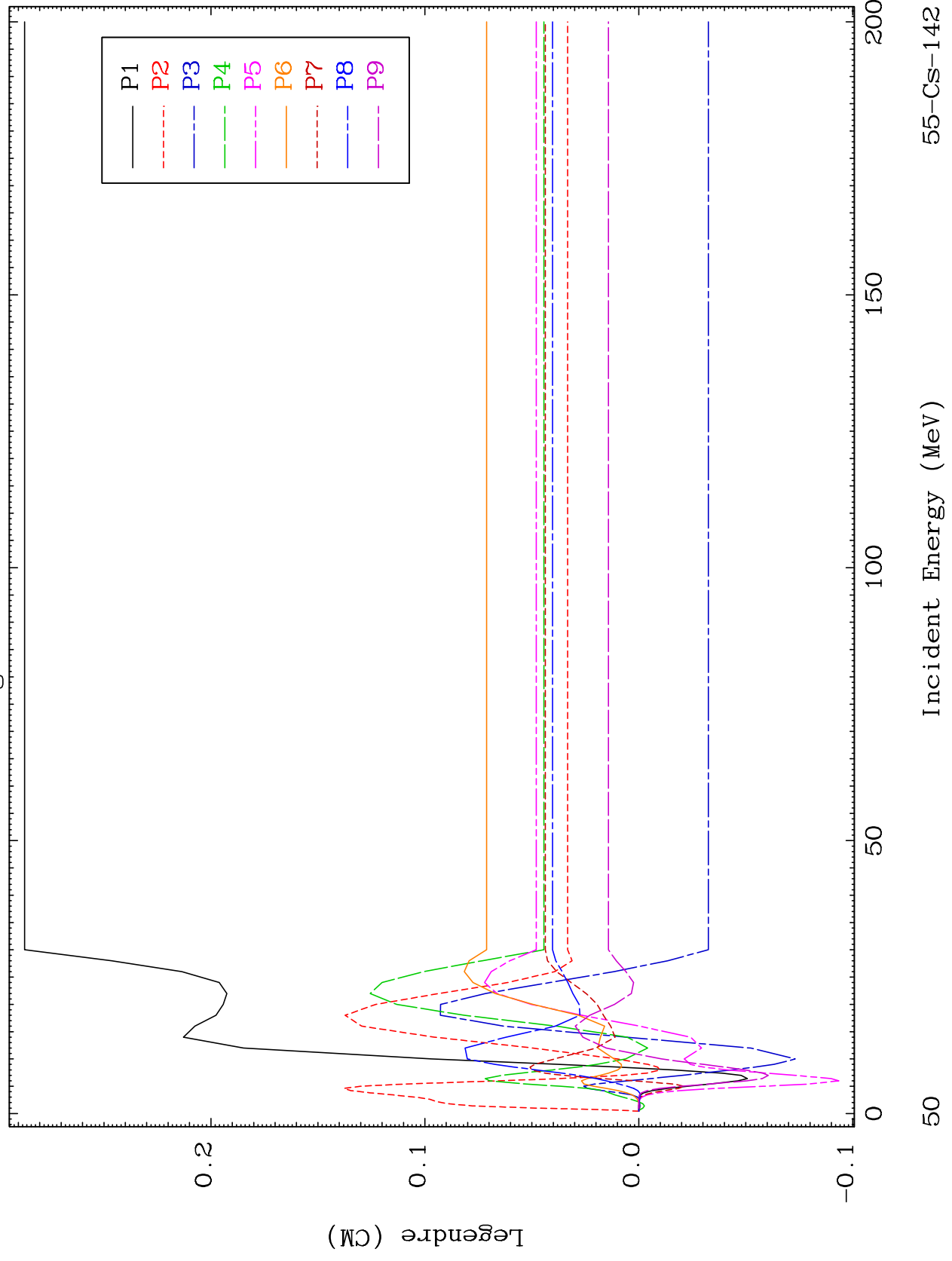




MAT 5552

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

55-Cs-142



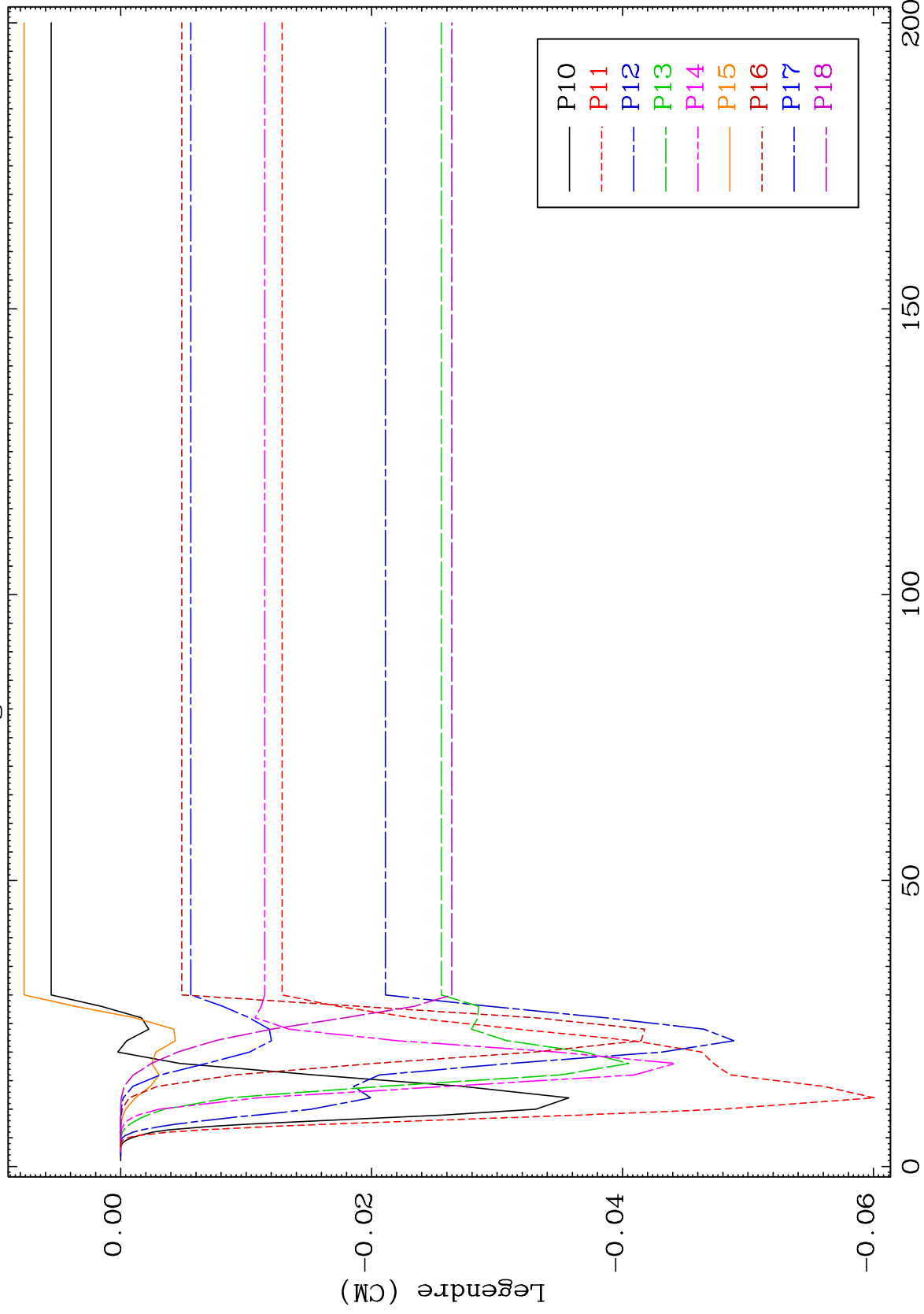
55-Cs-142

Incident Energy (MeV)

MAT 5552

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

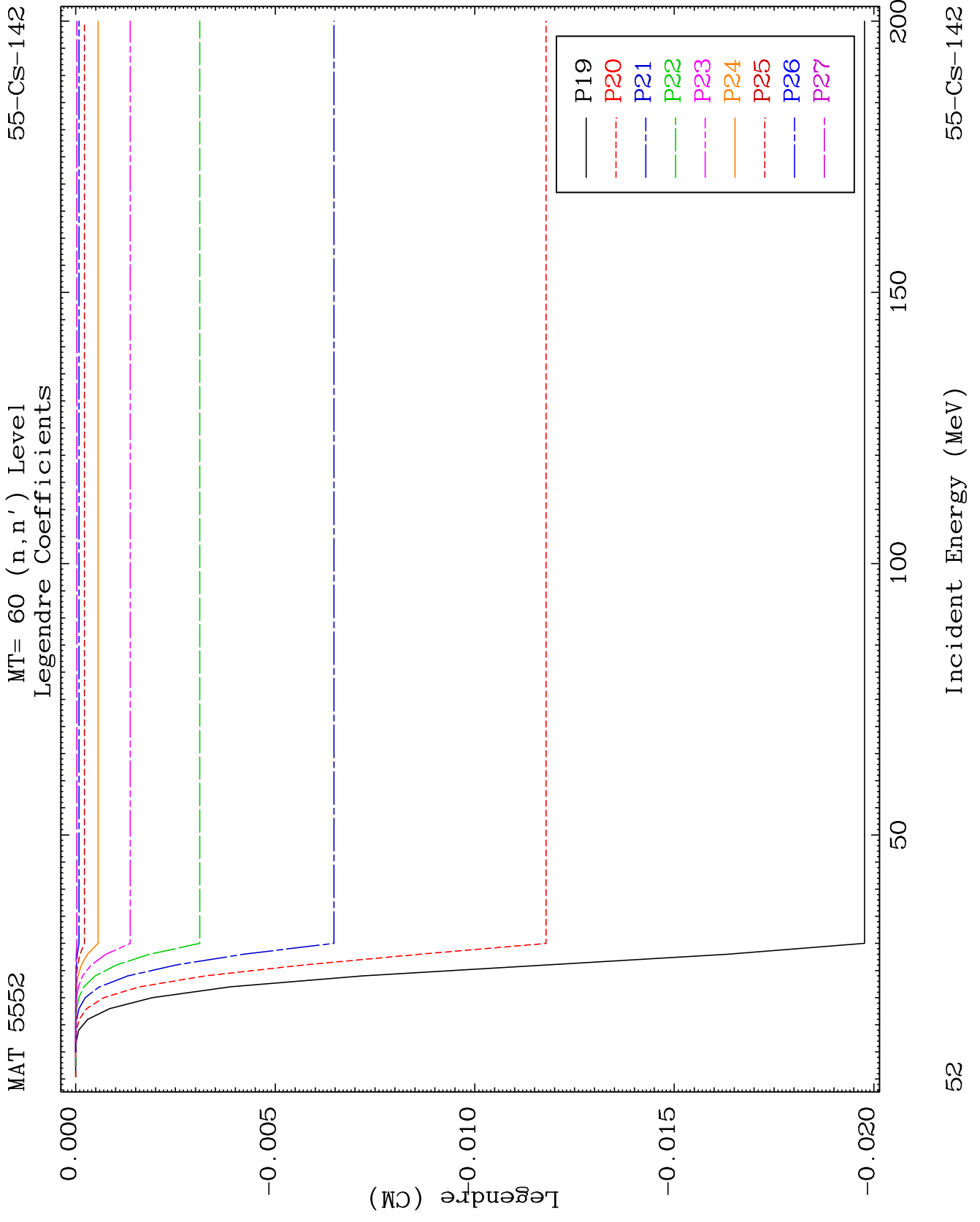
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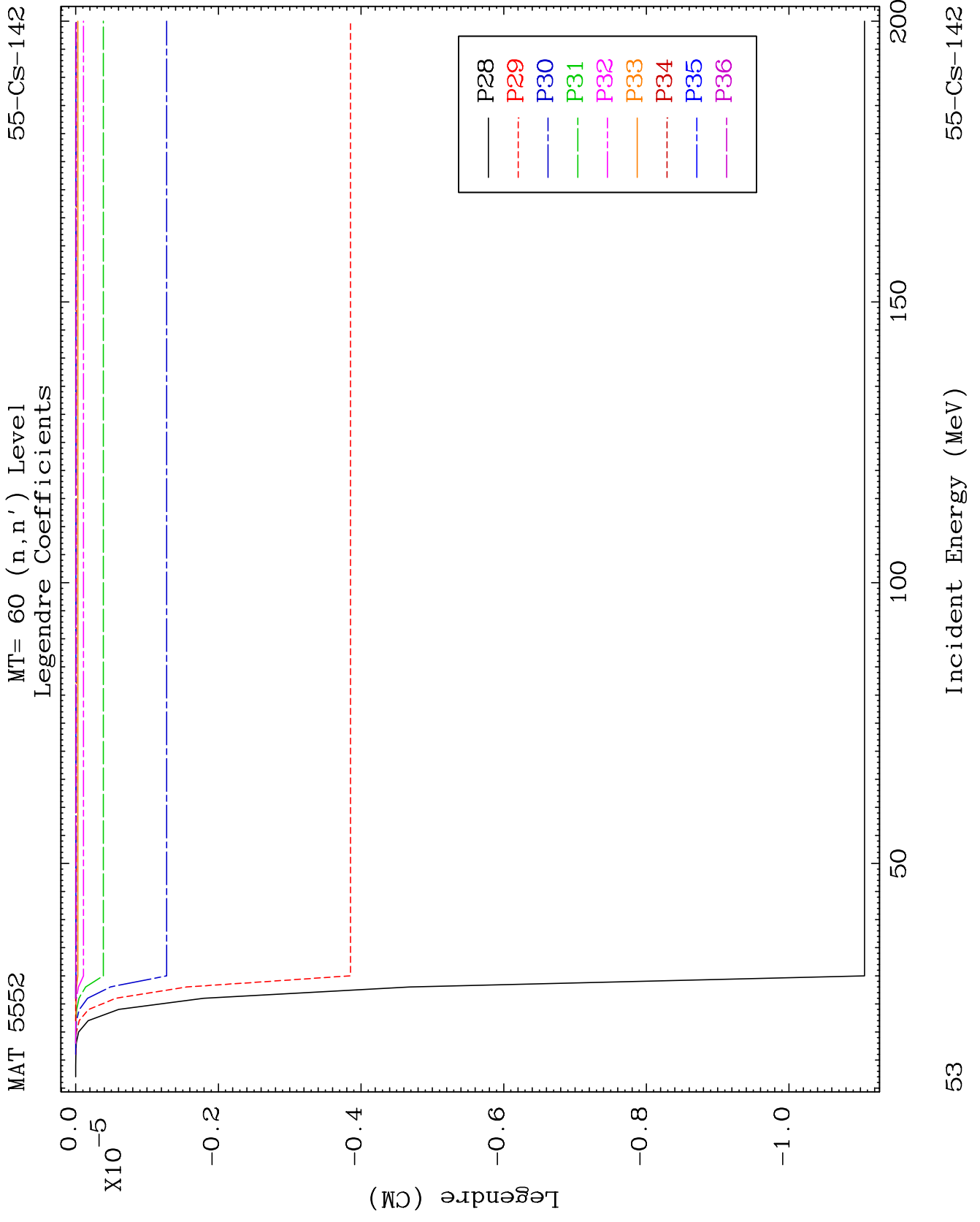


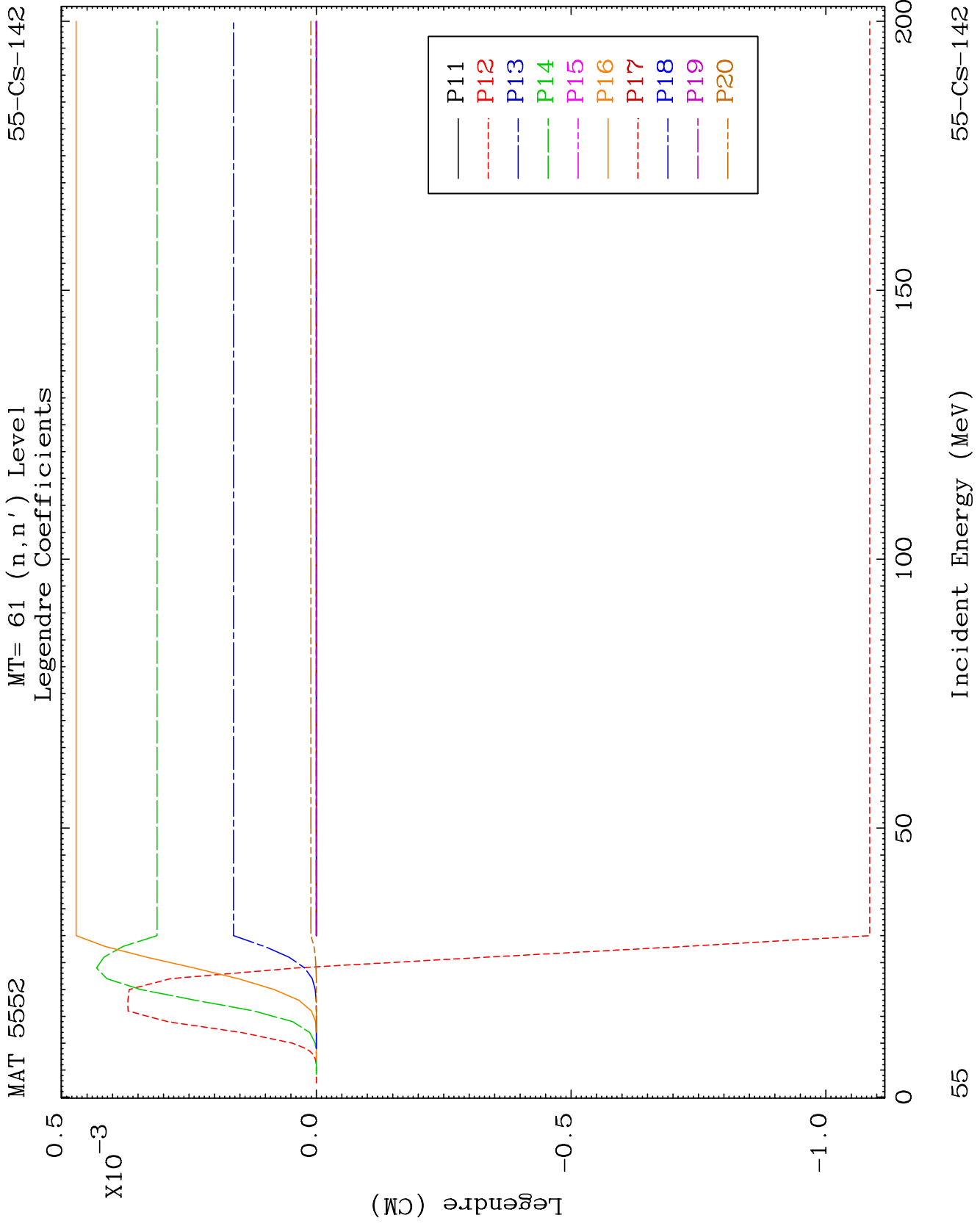
51

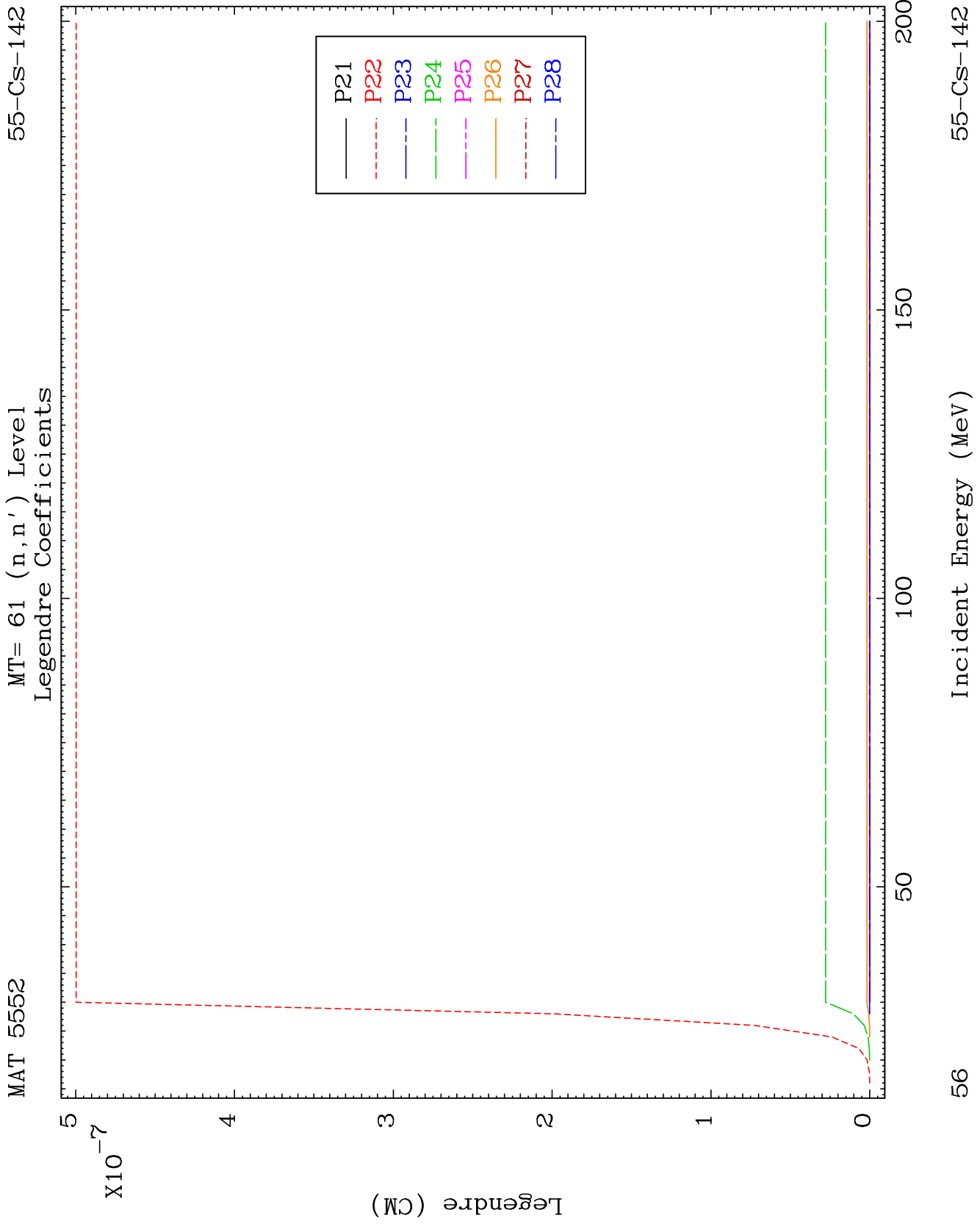
Incident Energy (MeV)

55-Cs-142





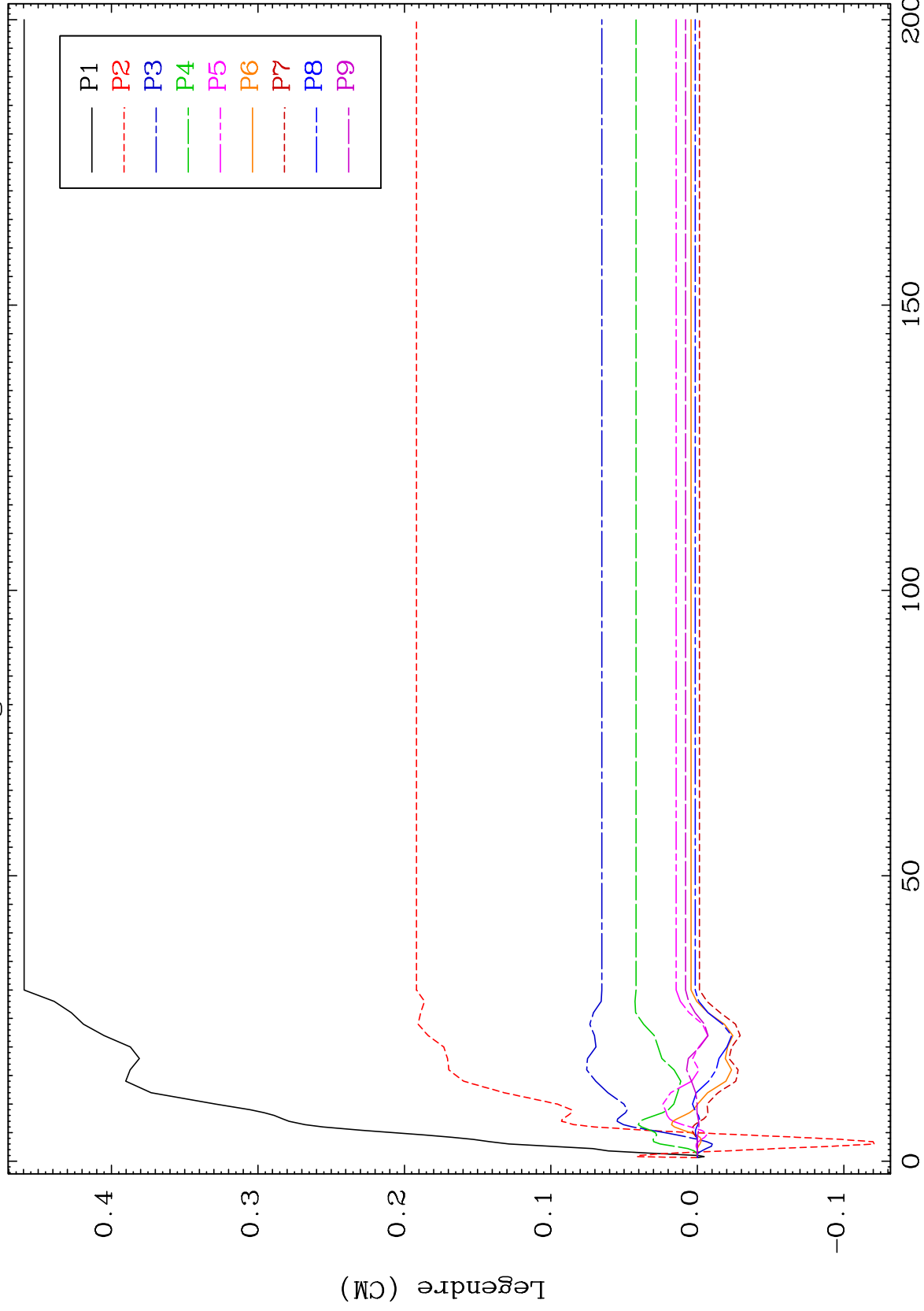




MAT 5552

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

55-Cs-142



57

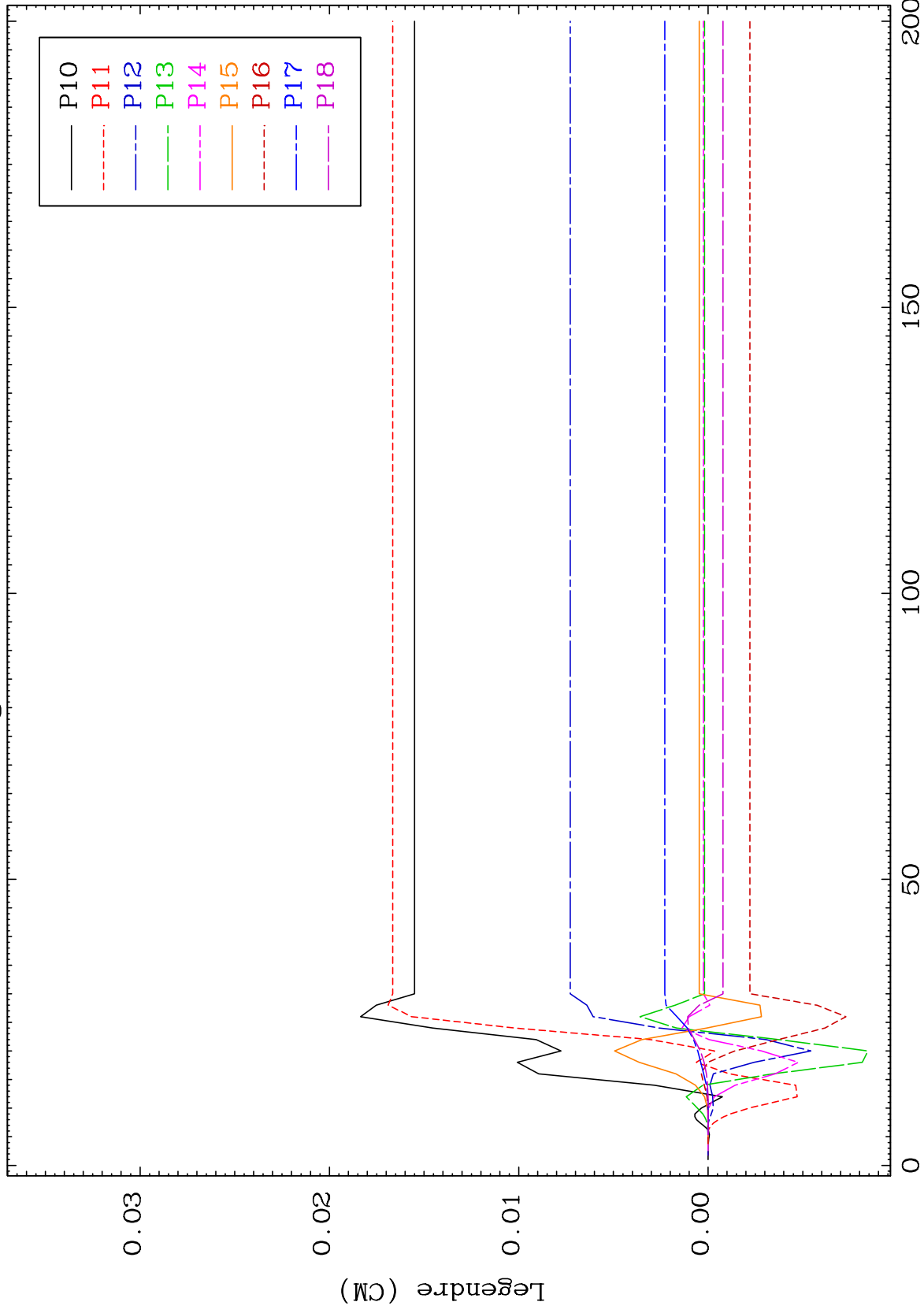
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



58

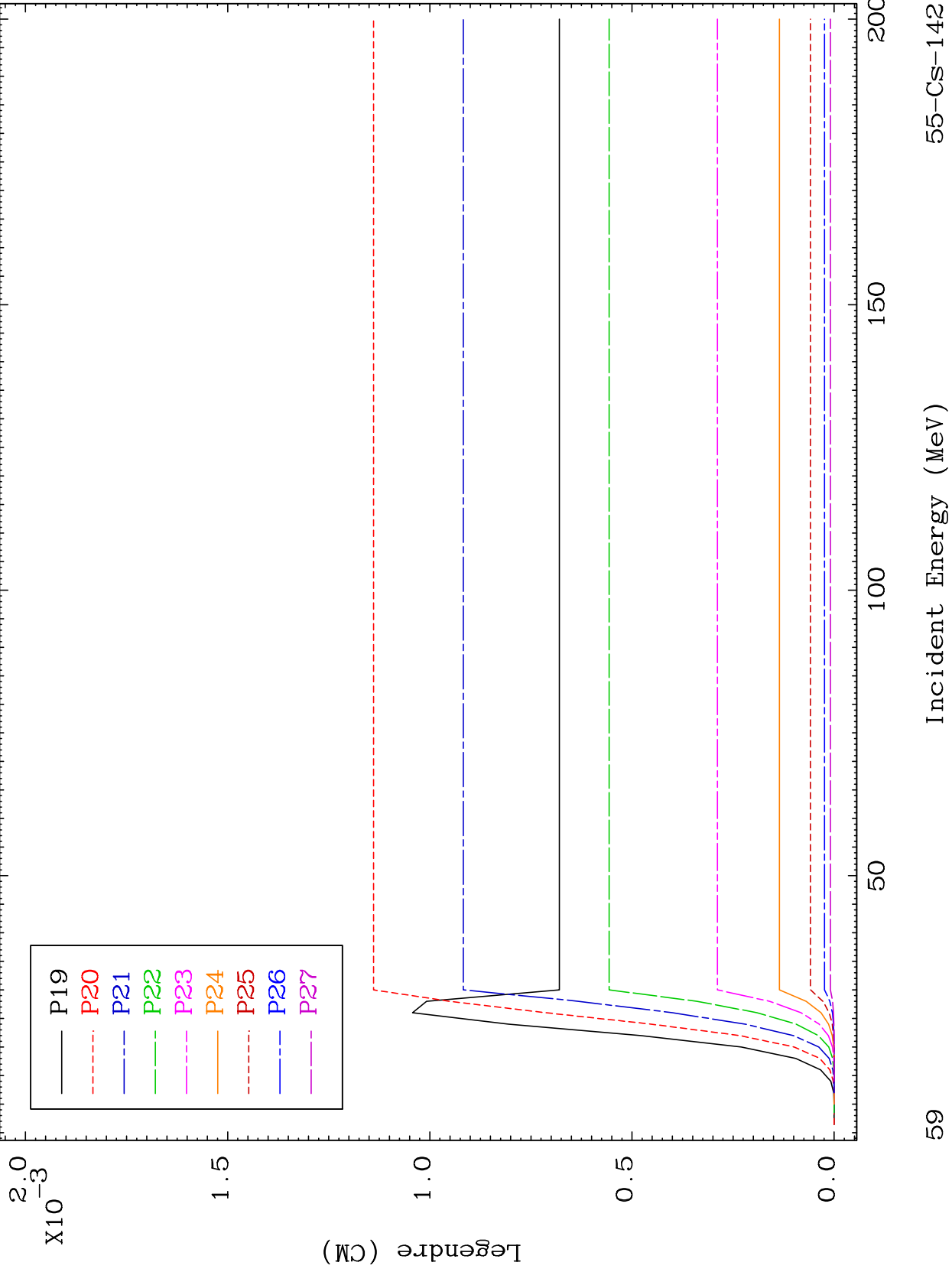
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



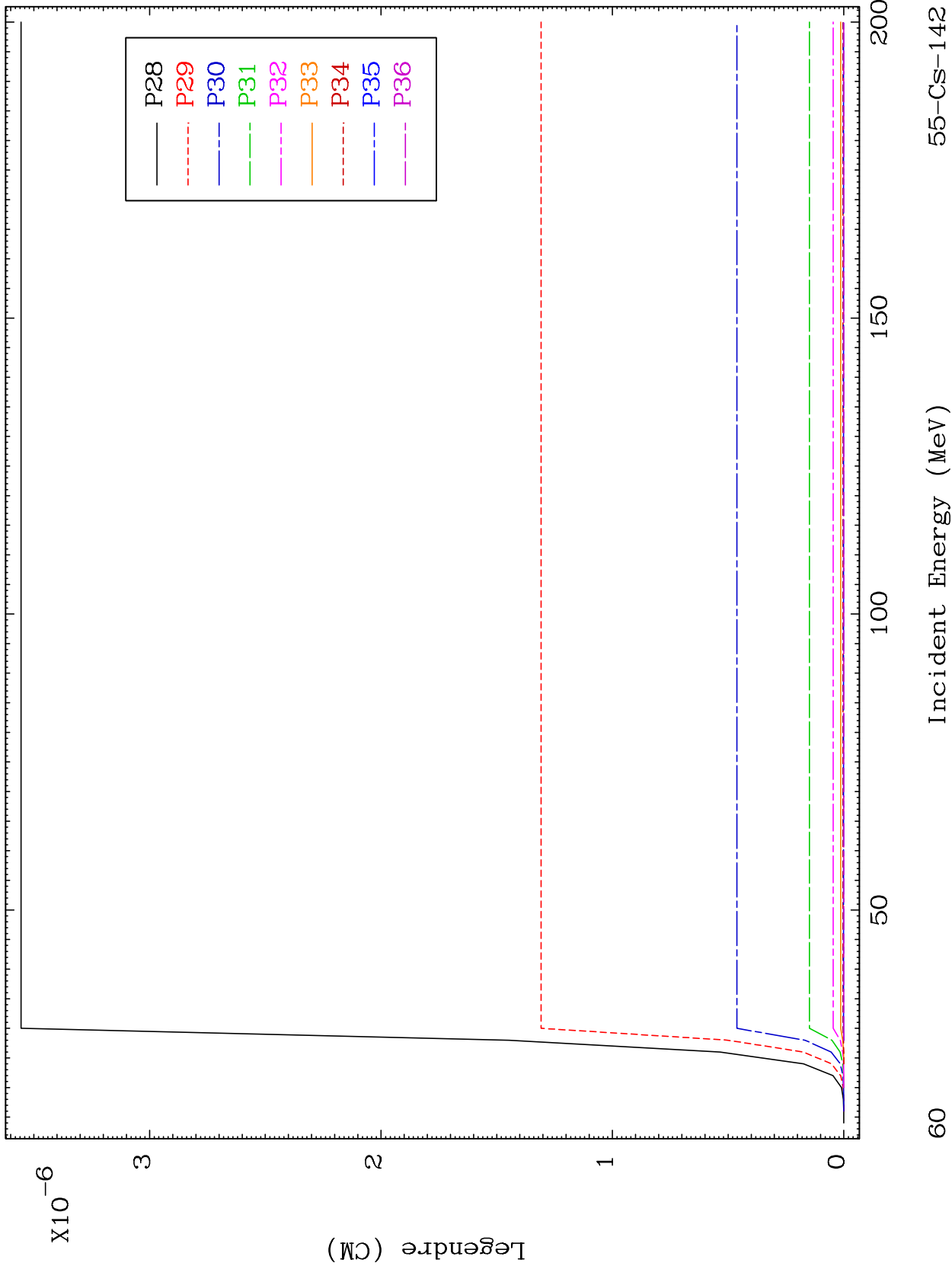
59

55-Cs-142

MAT 5552

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

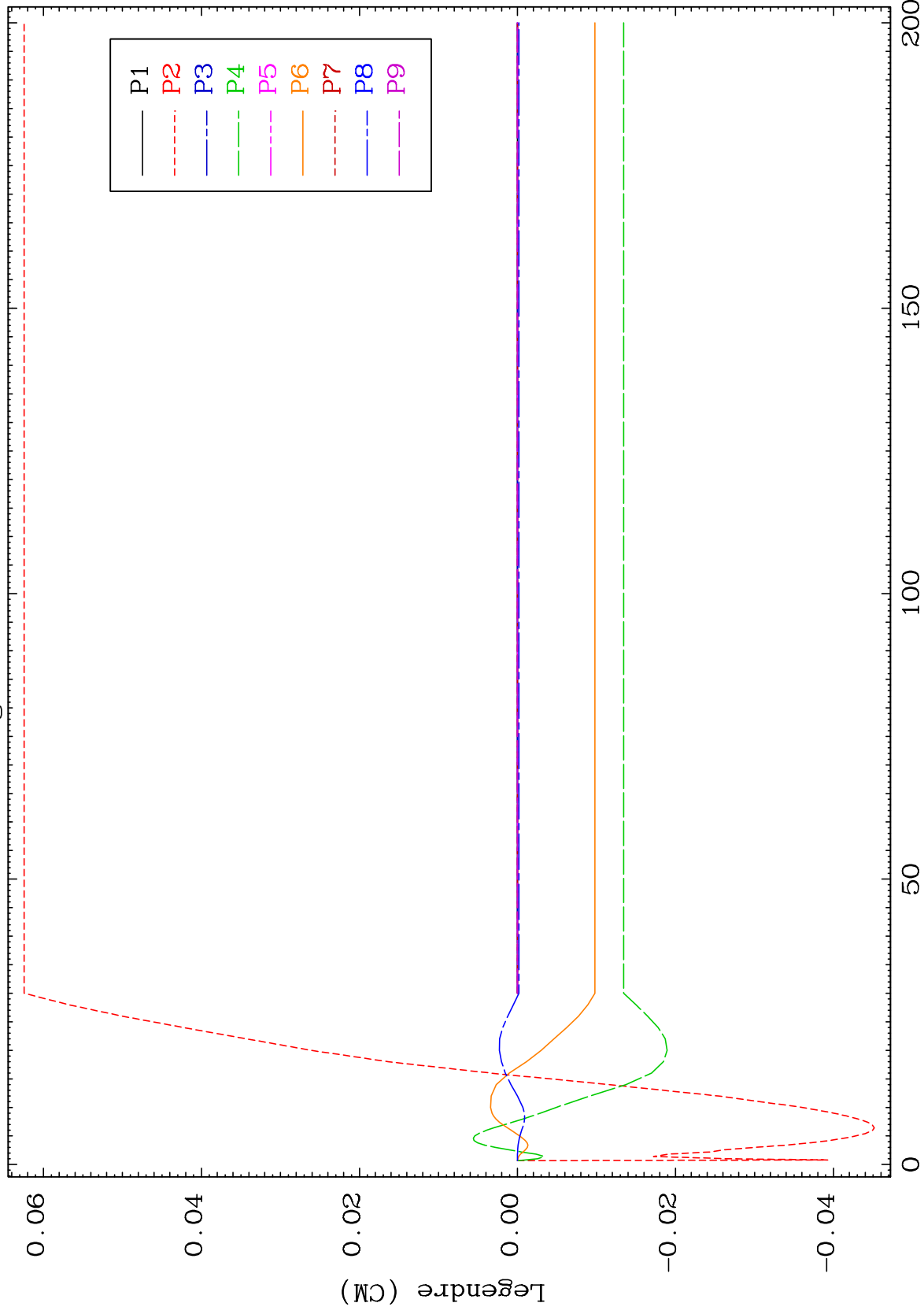
55-Cs-142



MAT 5552

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

55-Cs-142



61

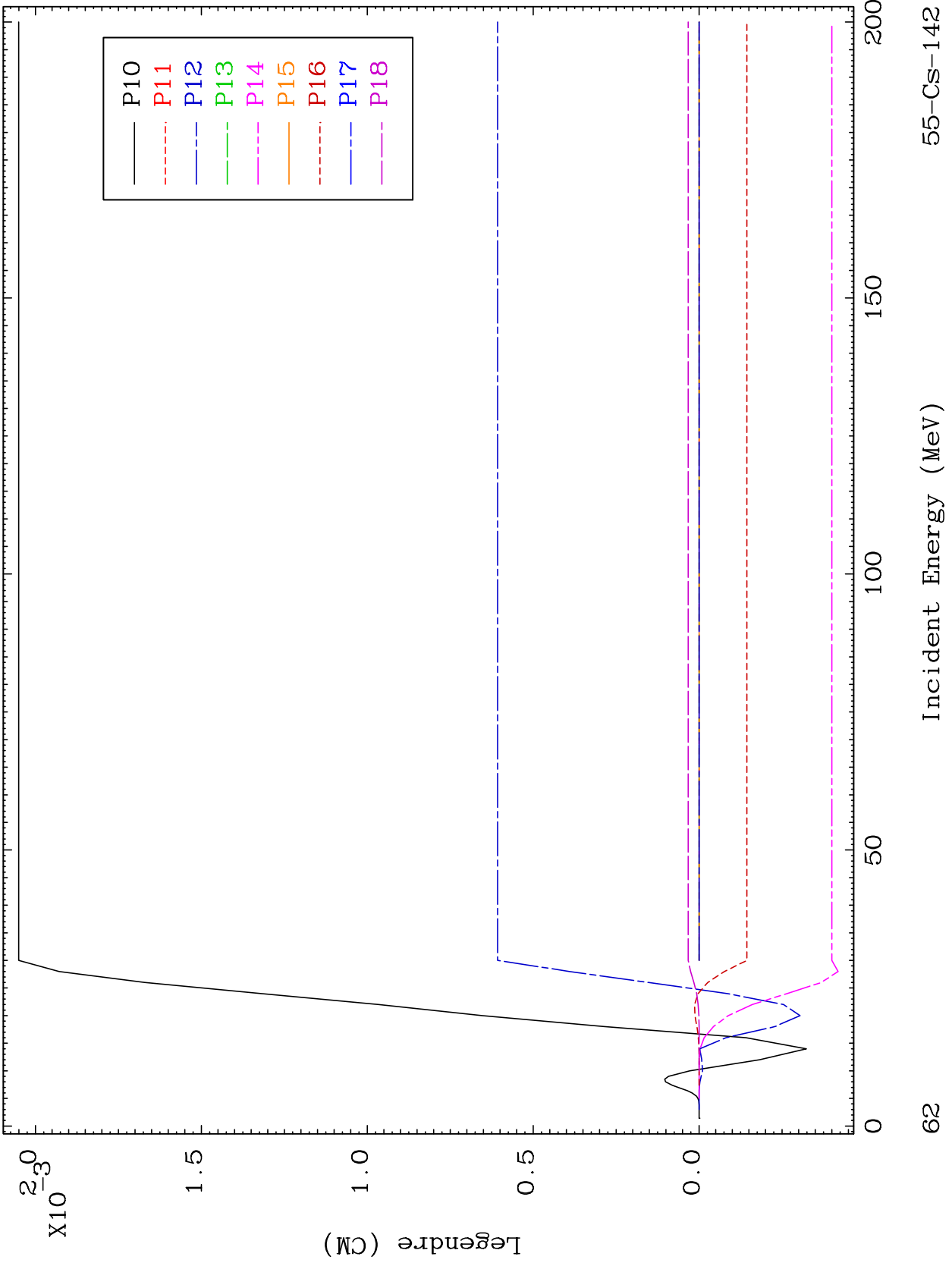
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142

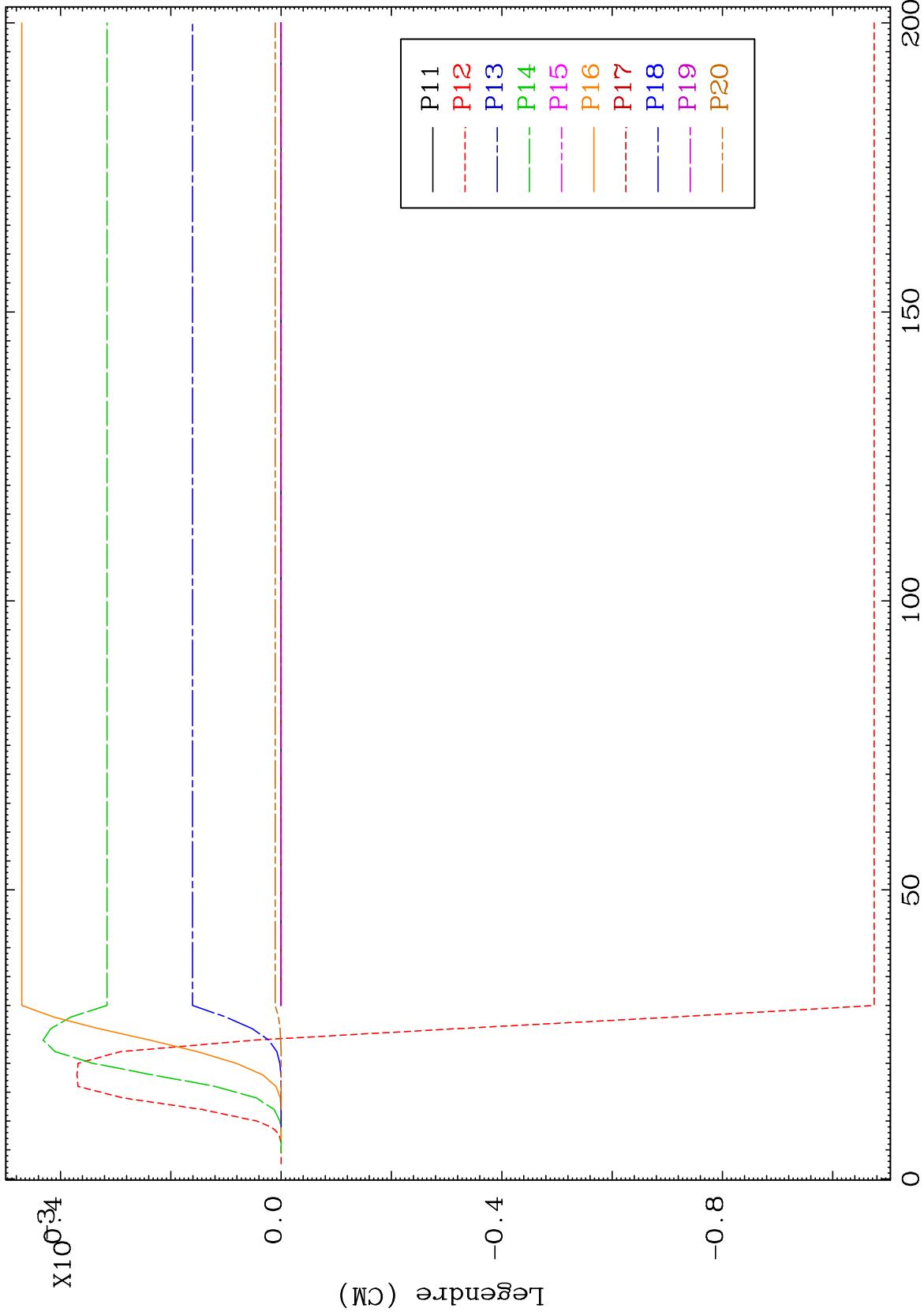


MAT 5552

MT= 64 (n,n') Level

55-Cs-142

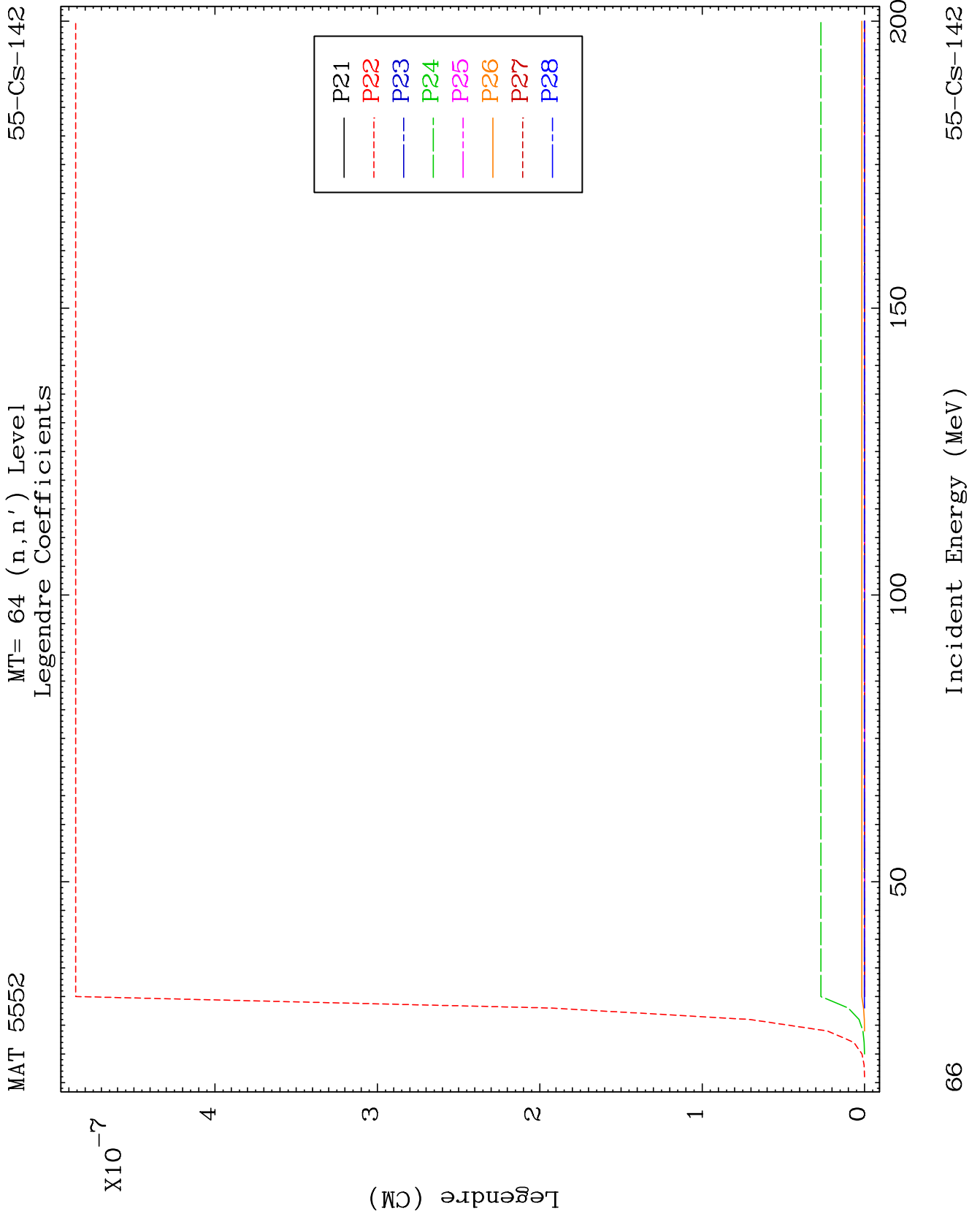
Legendre Coefficients



65

Incident Energy (MeV)

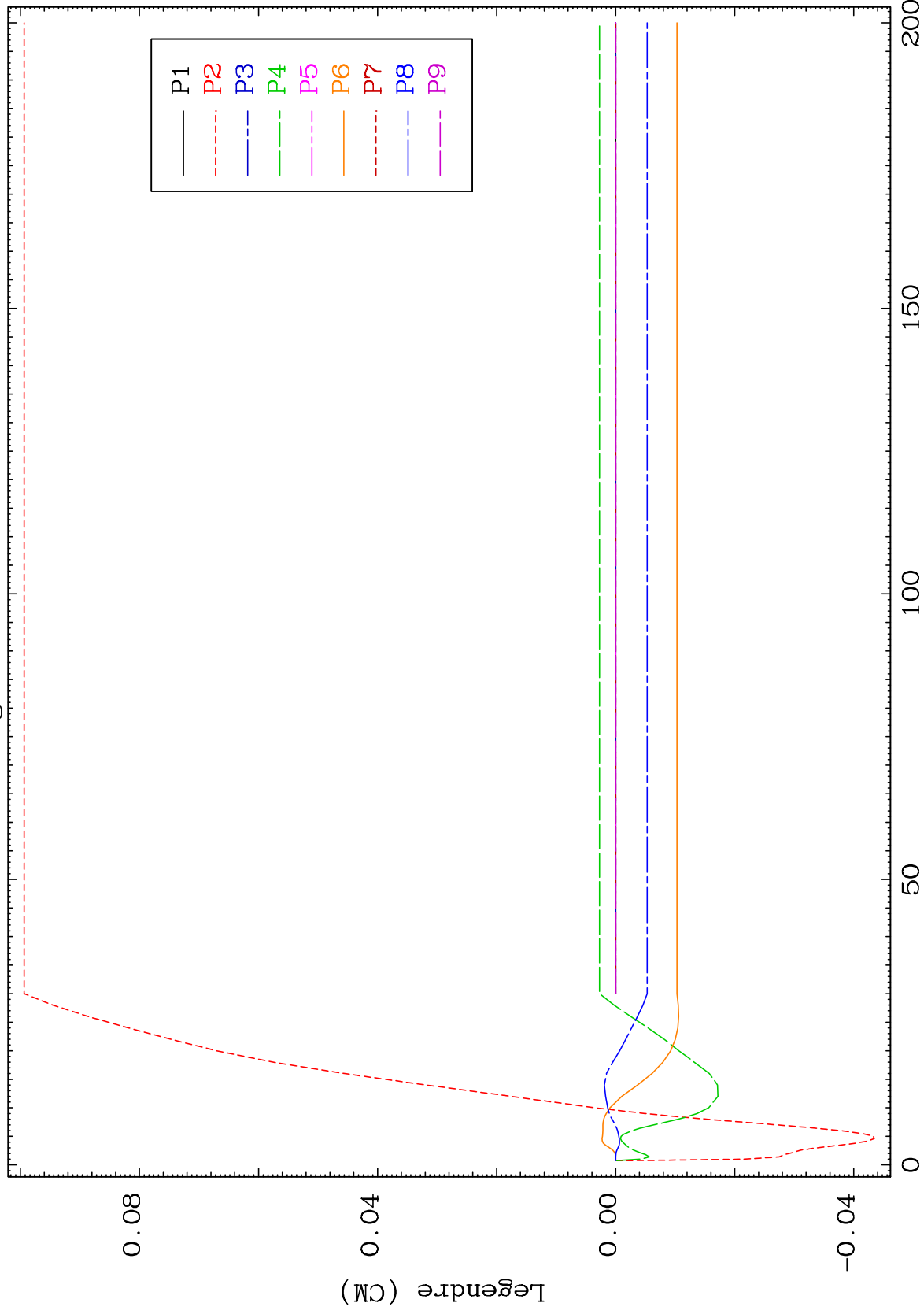
55-Cs-142



MAT 5552

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

55-Cs-142



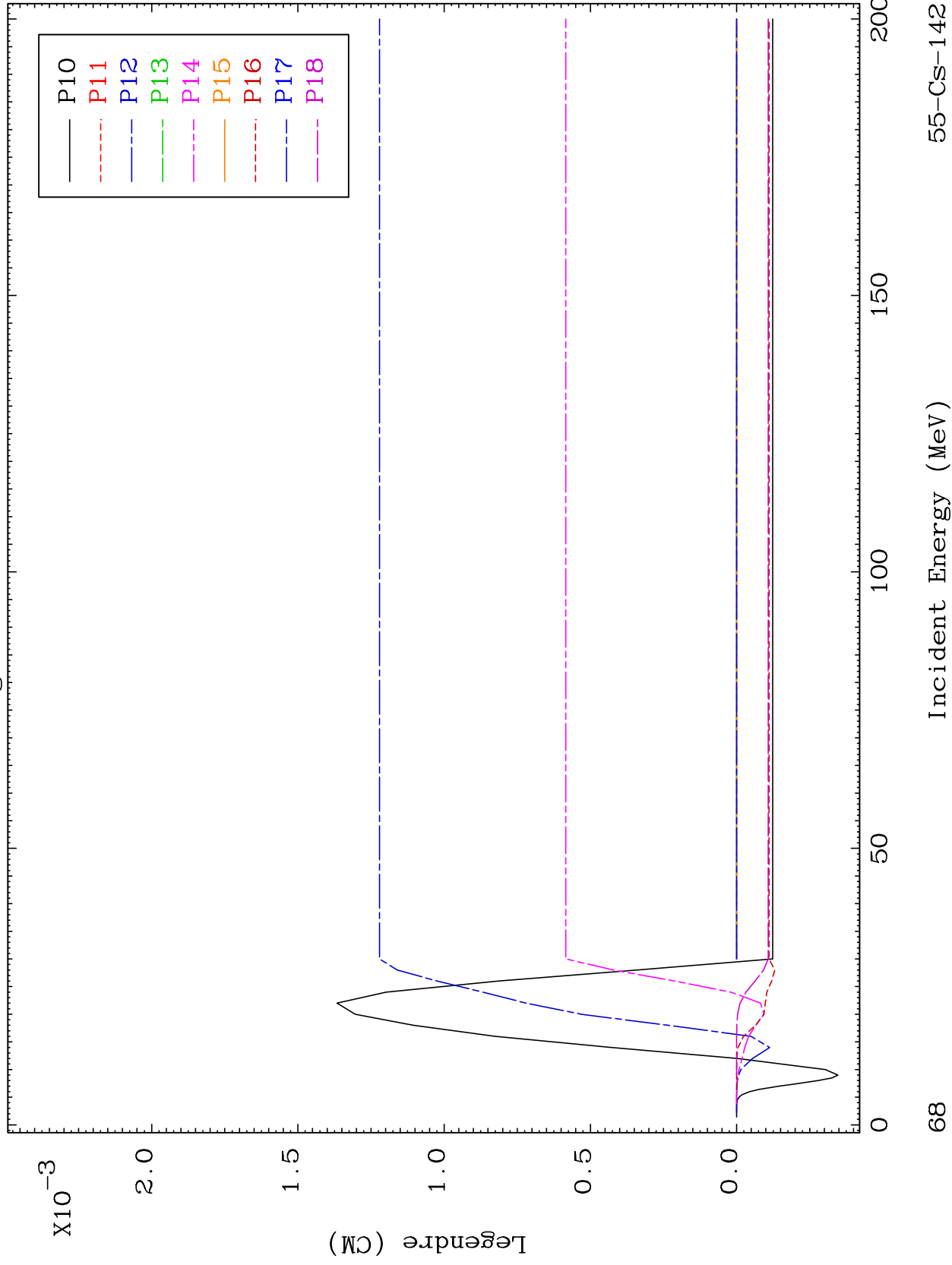
67

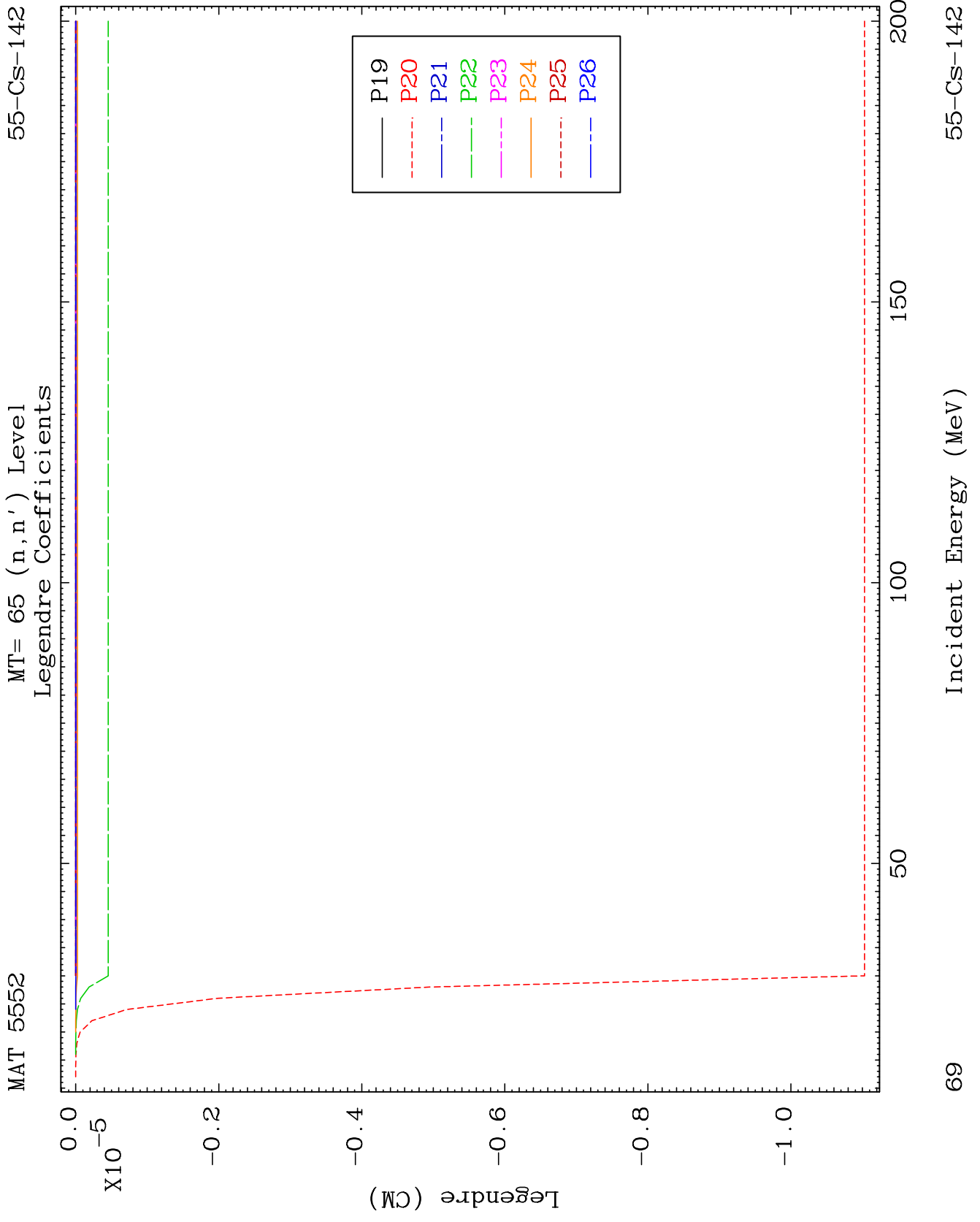
55-Cs-142

MAT 5552

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

55-Cs-142

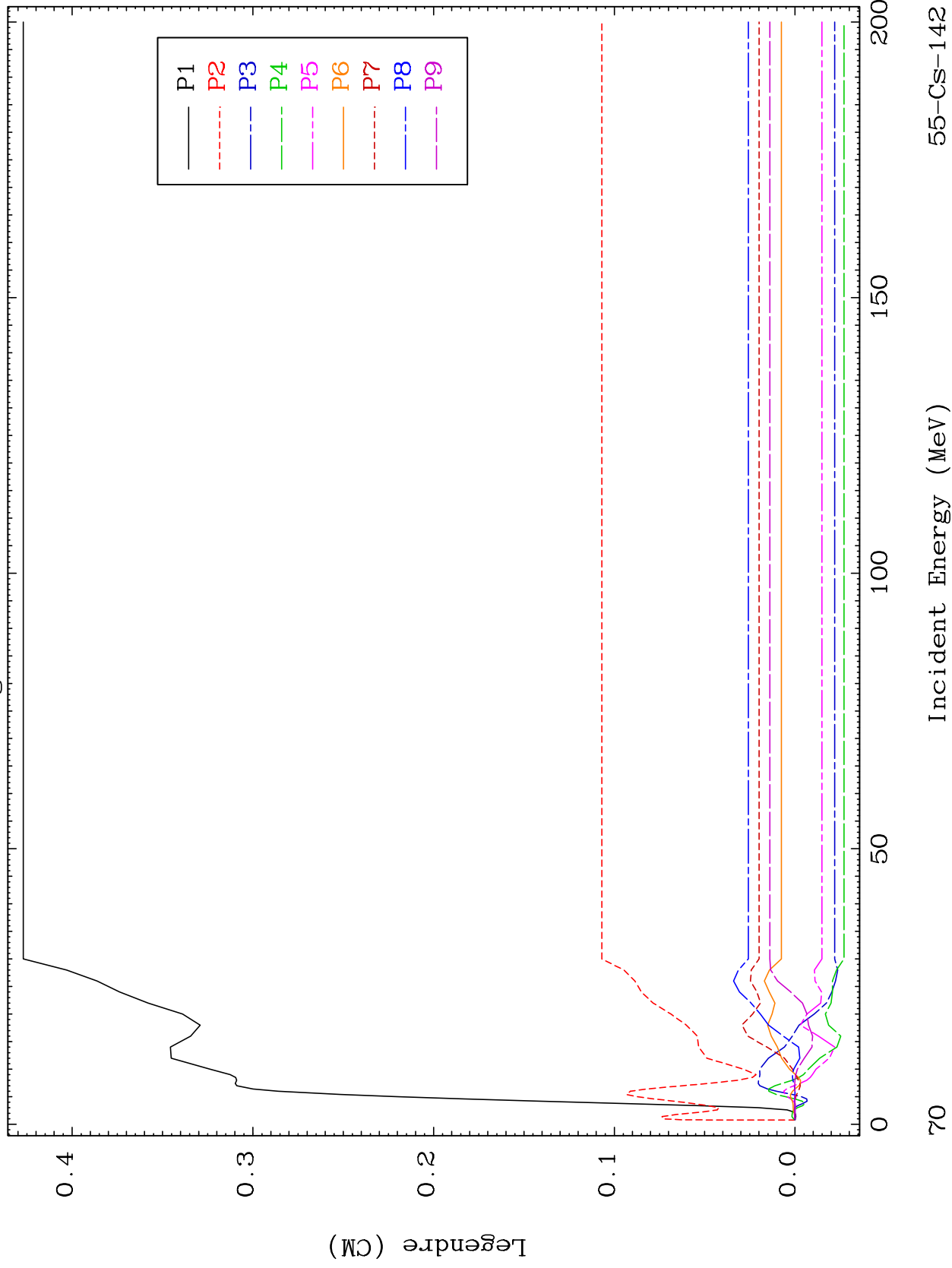




MAT 5552

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

55-Cs-142



55-Cs-142

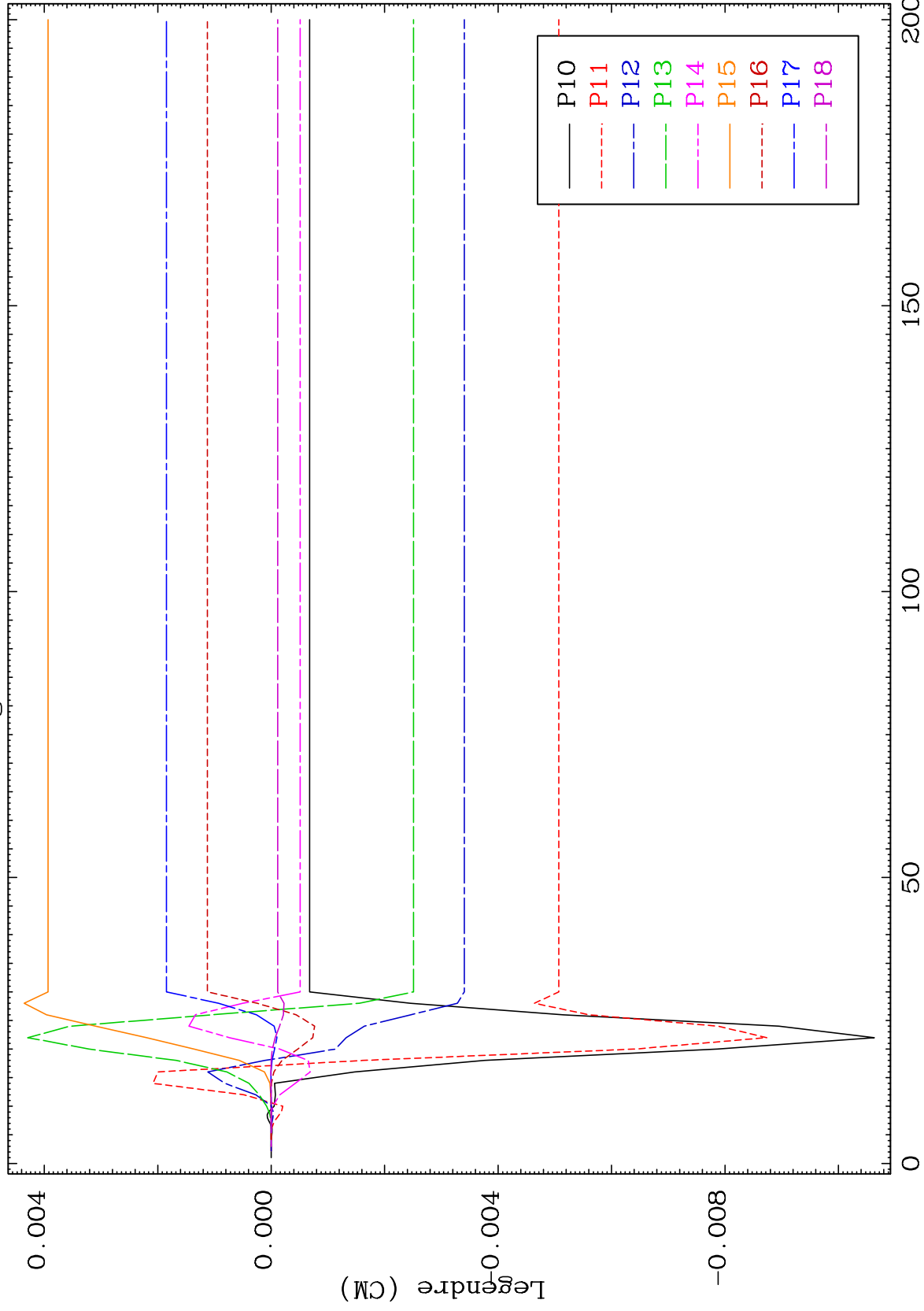
Incident Energy (MeV)

70

MAT 5552

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

55-Cs-142



71

Incident Energy (MeV)

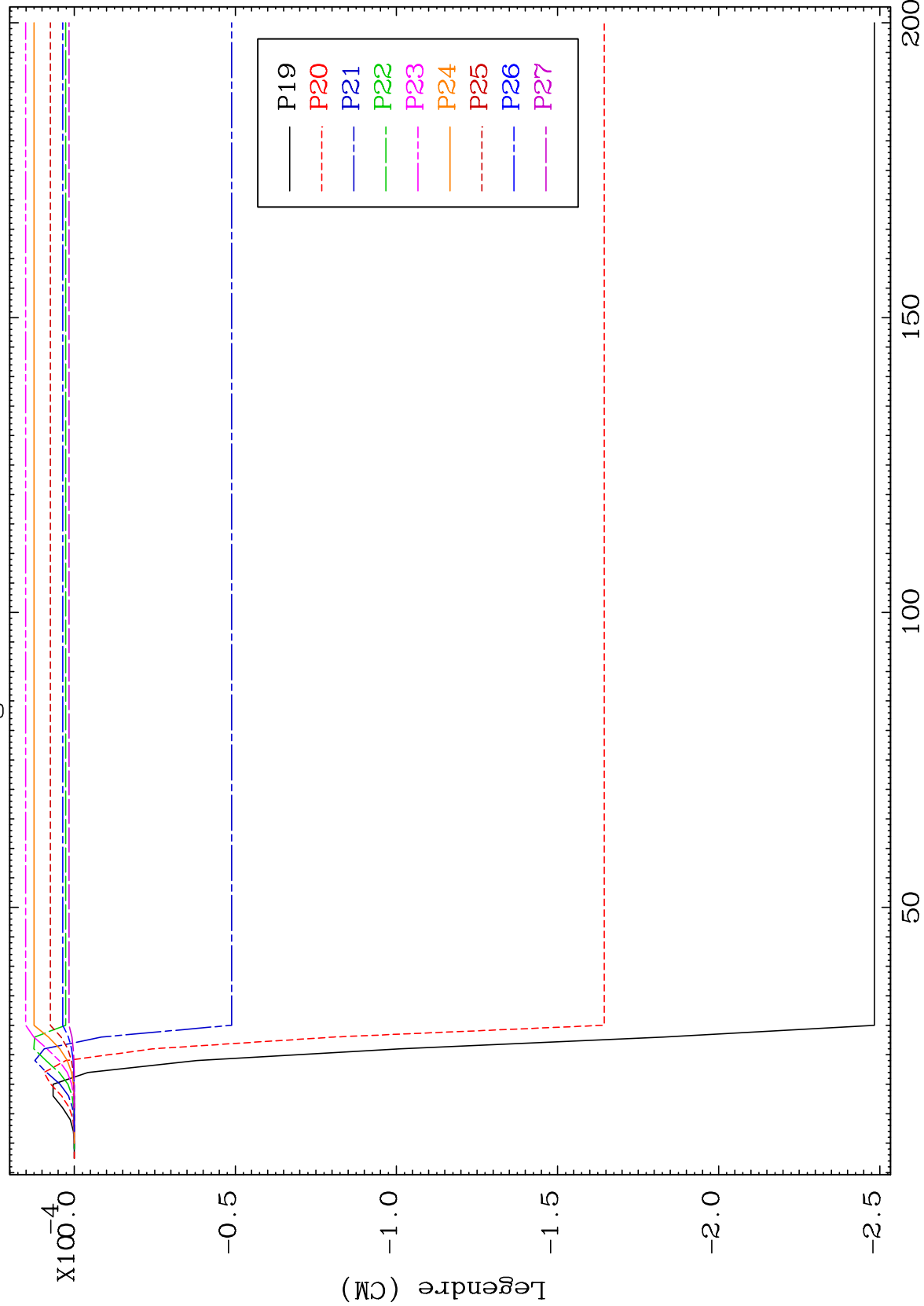
55-Cs-142

MAT 5552

MT= 66 (n,n') Level

55-Cs-142

Legendre Coefficients



55-Cs-142

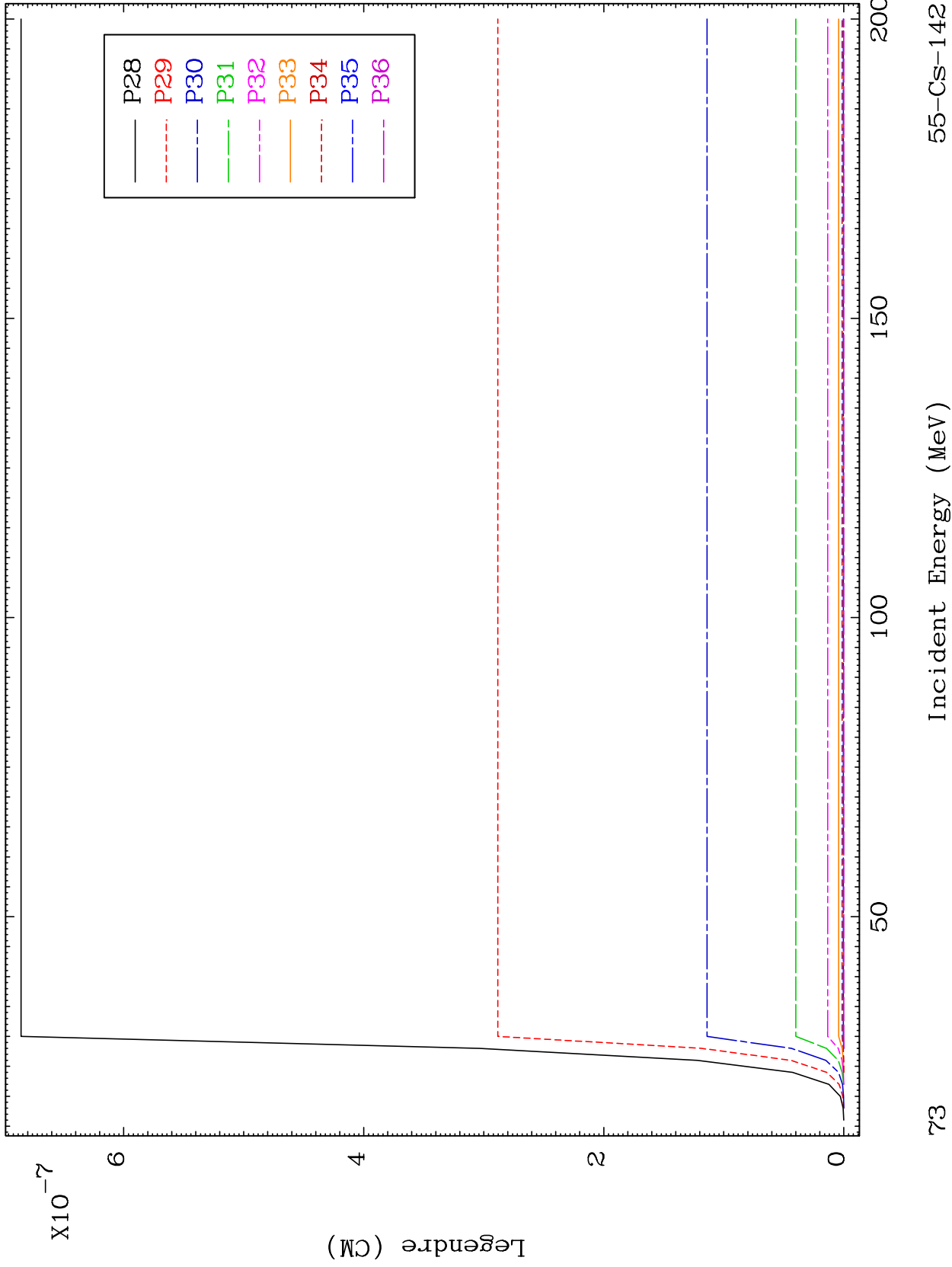
Incident Energy (MeV)

72

MAT 5552

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

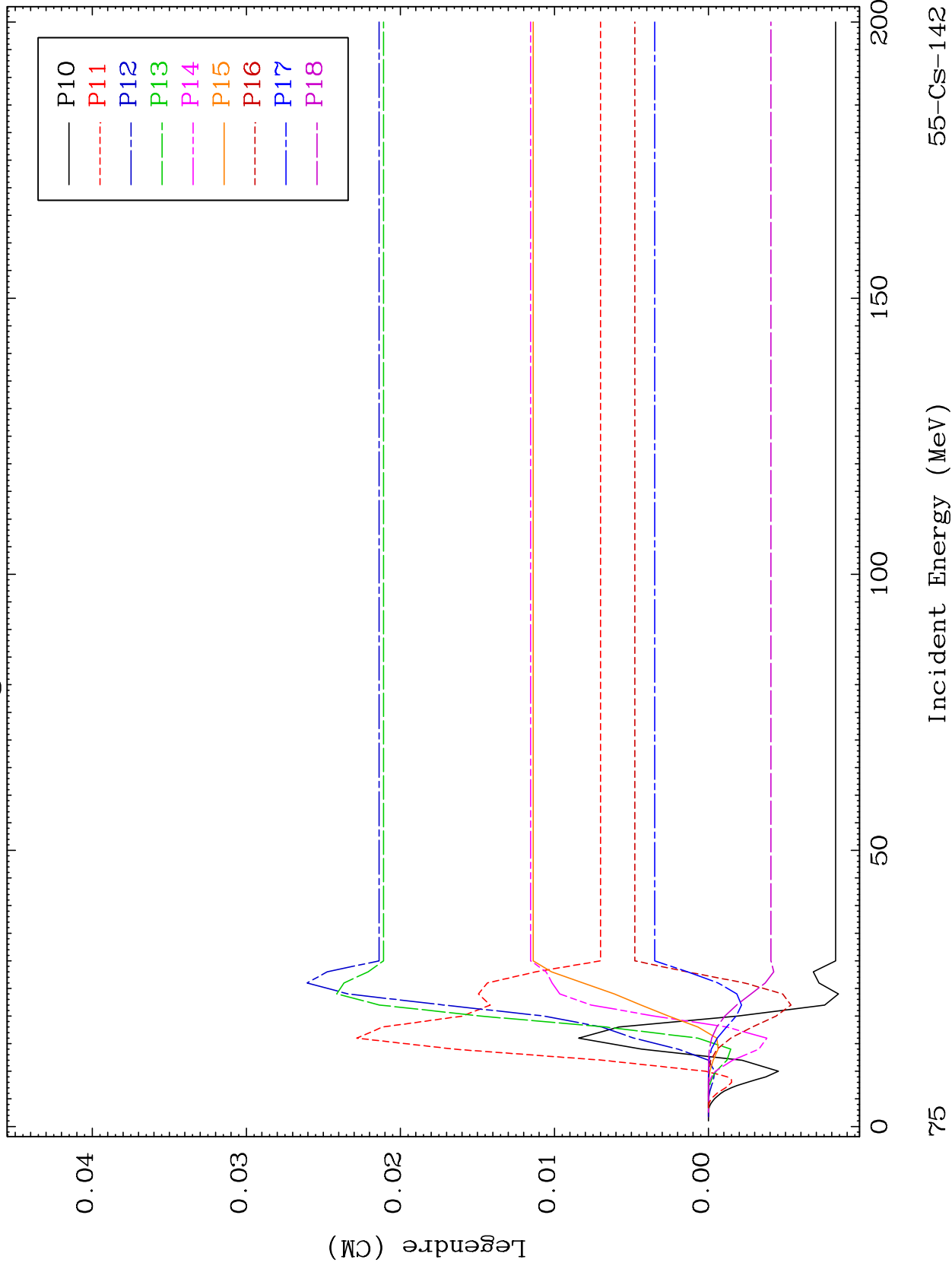
55-Cs-142



MAT 5552

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

55-Cs-142



55-Cs-142

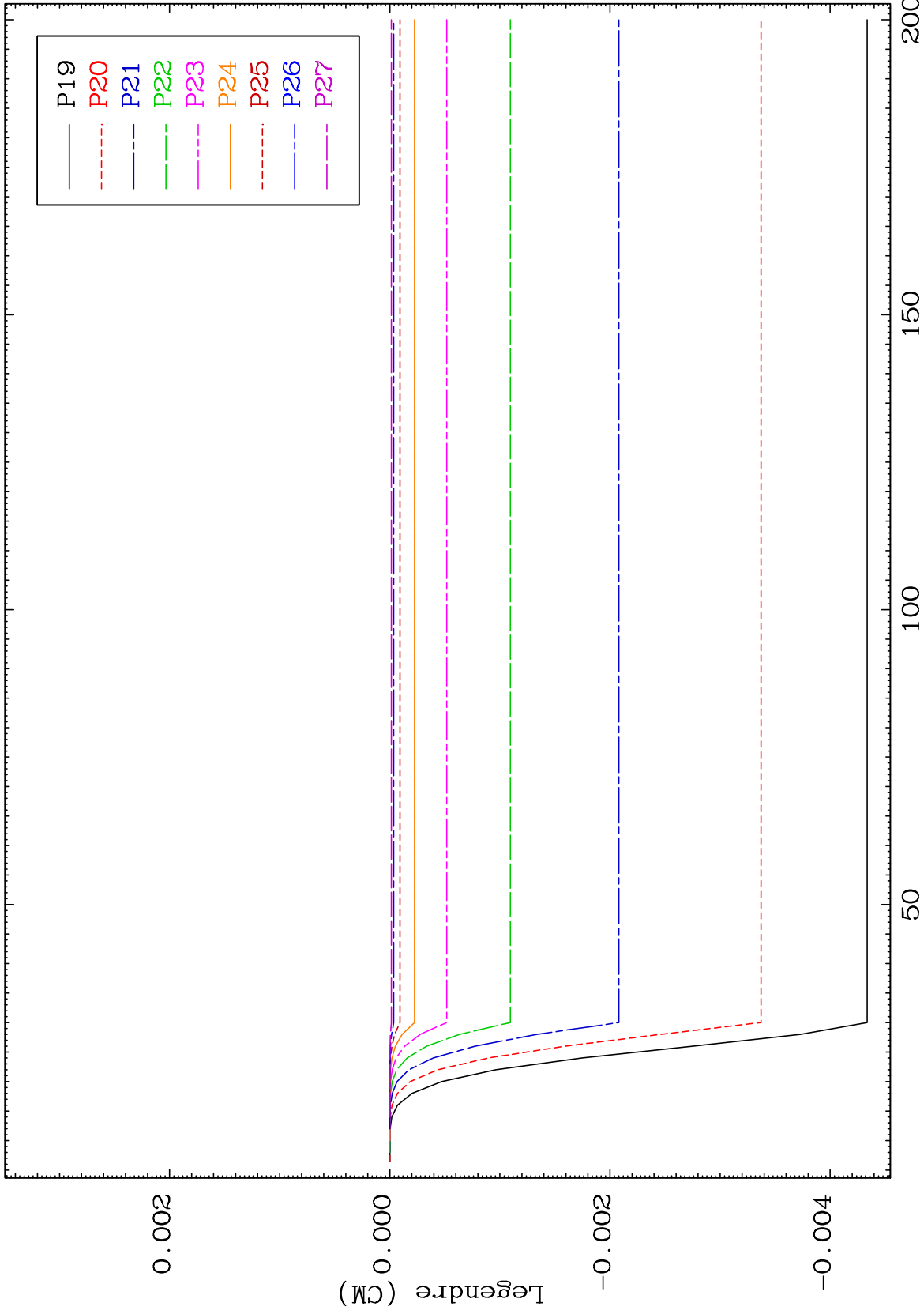
Incident Energy (MeV)

75

MAT 5552

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

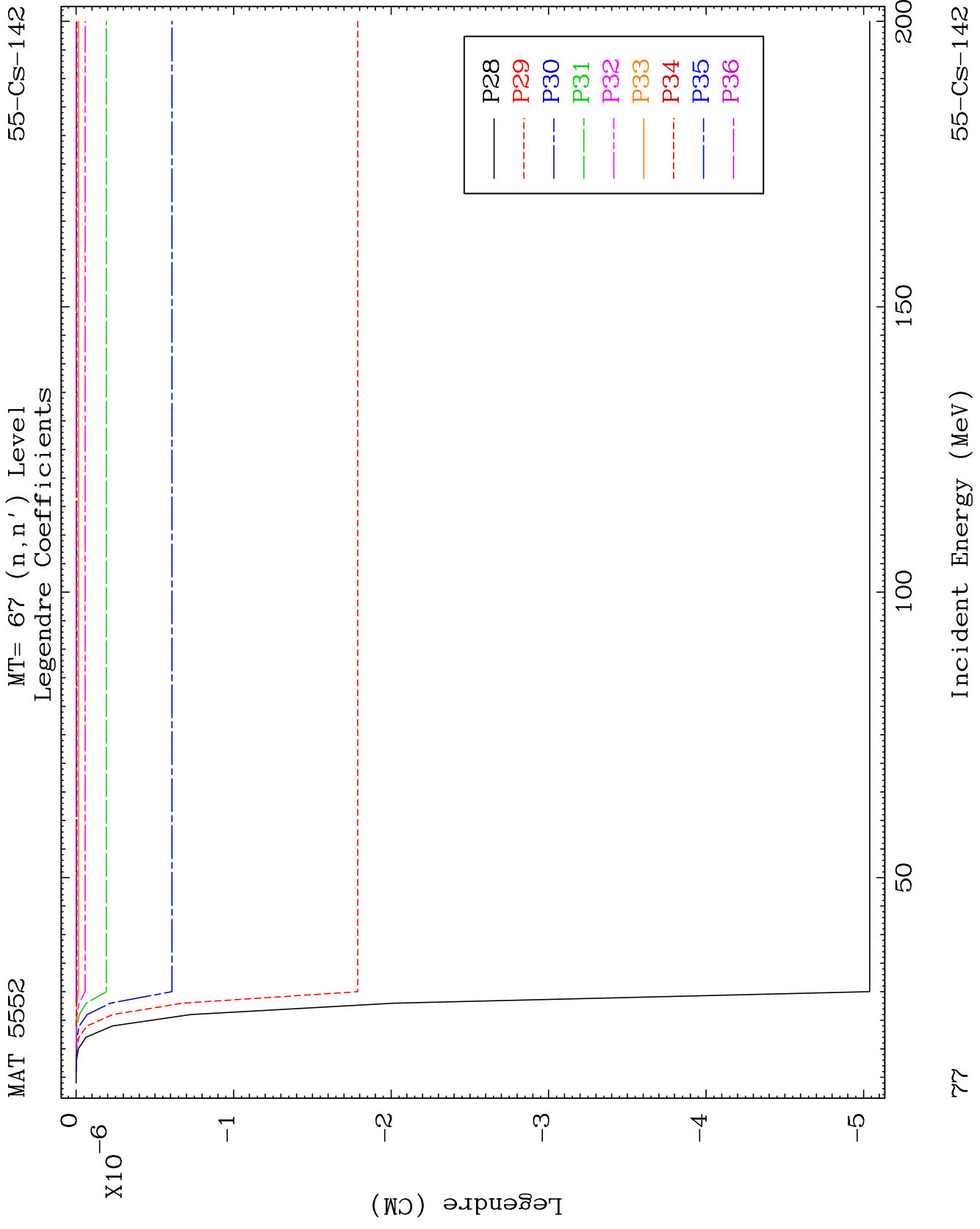
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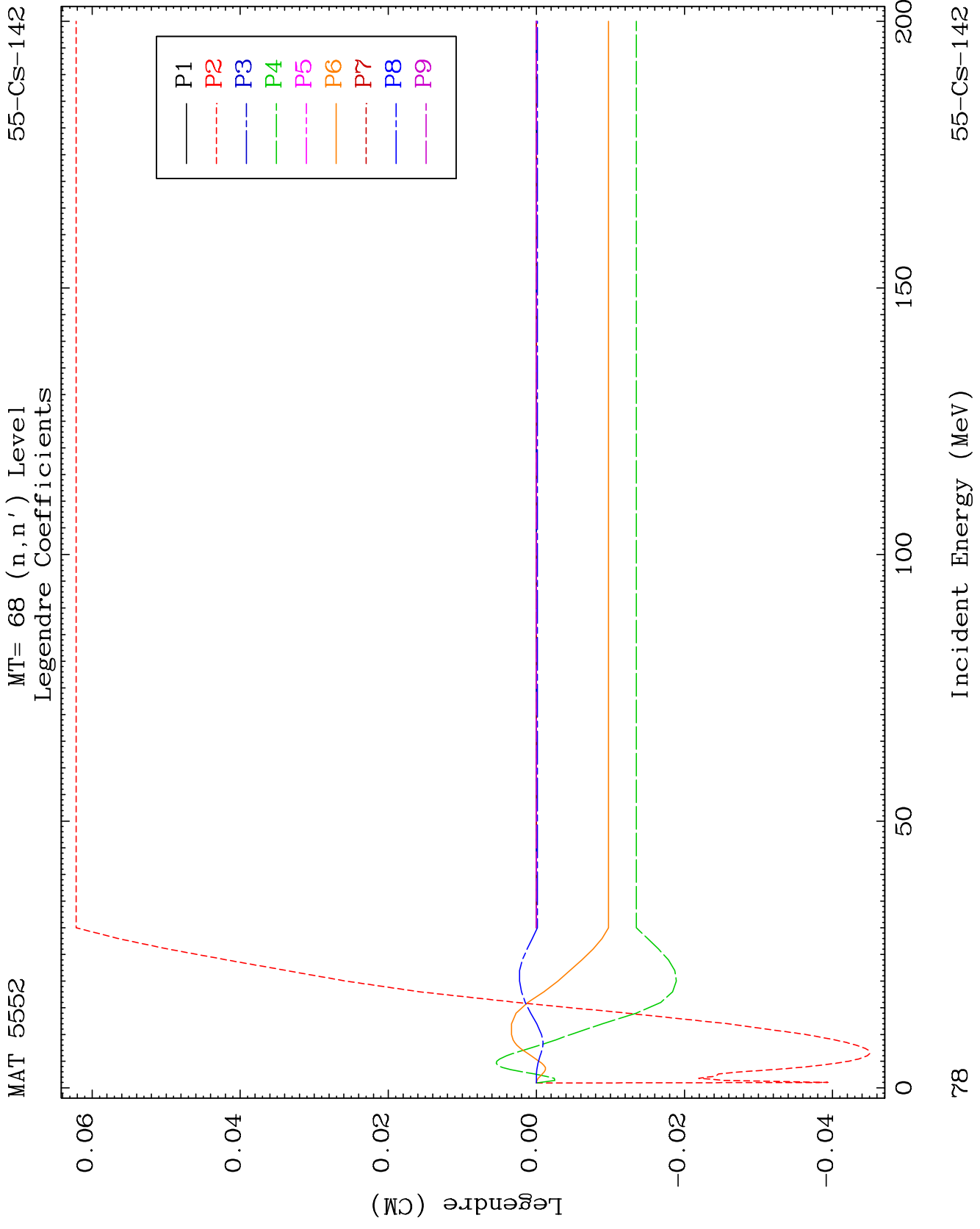


76

Incident Energy (MeV)

55-Cs-142

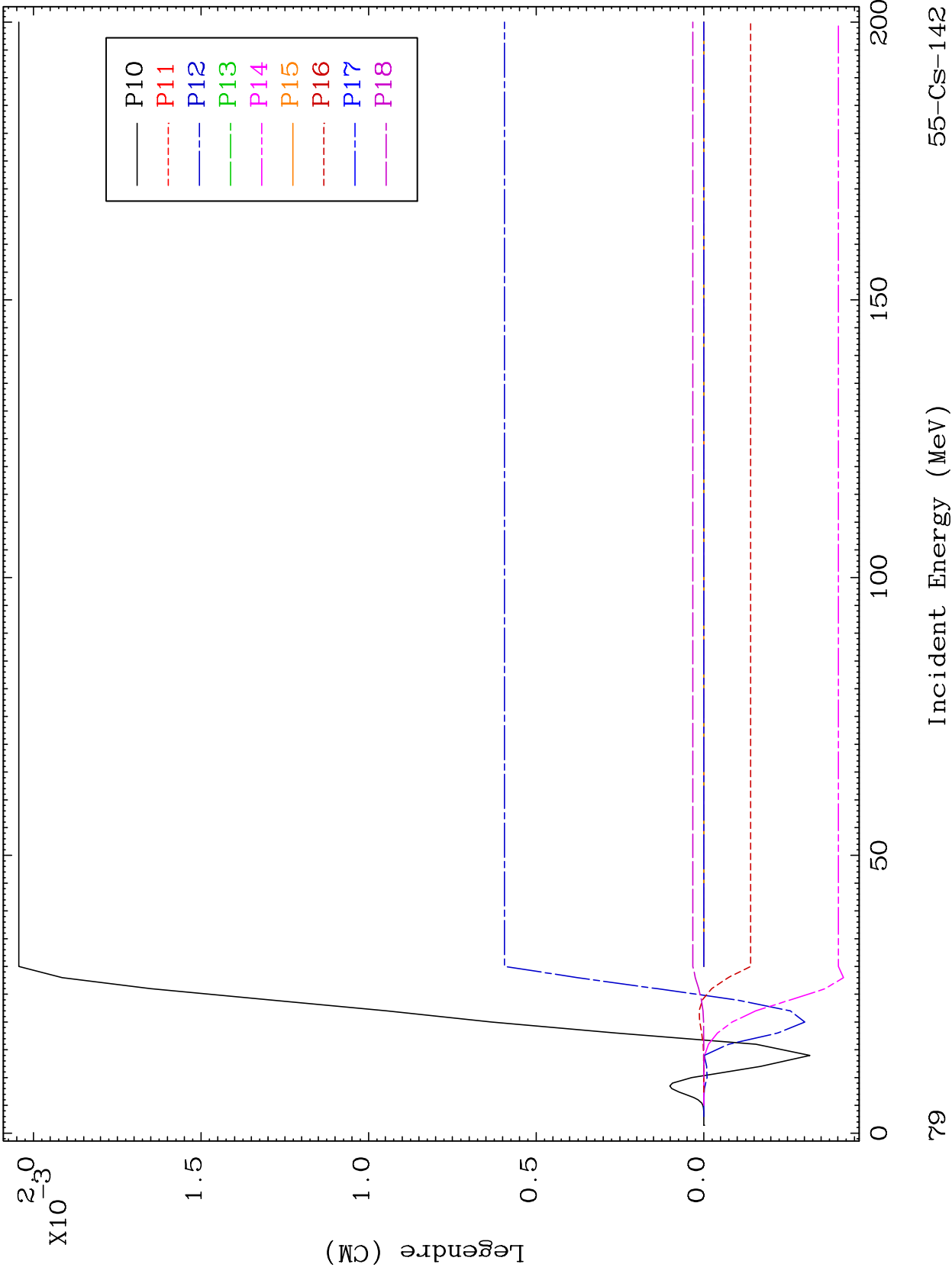




MAT 5552

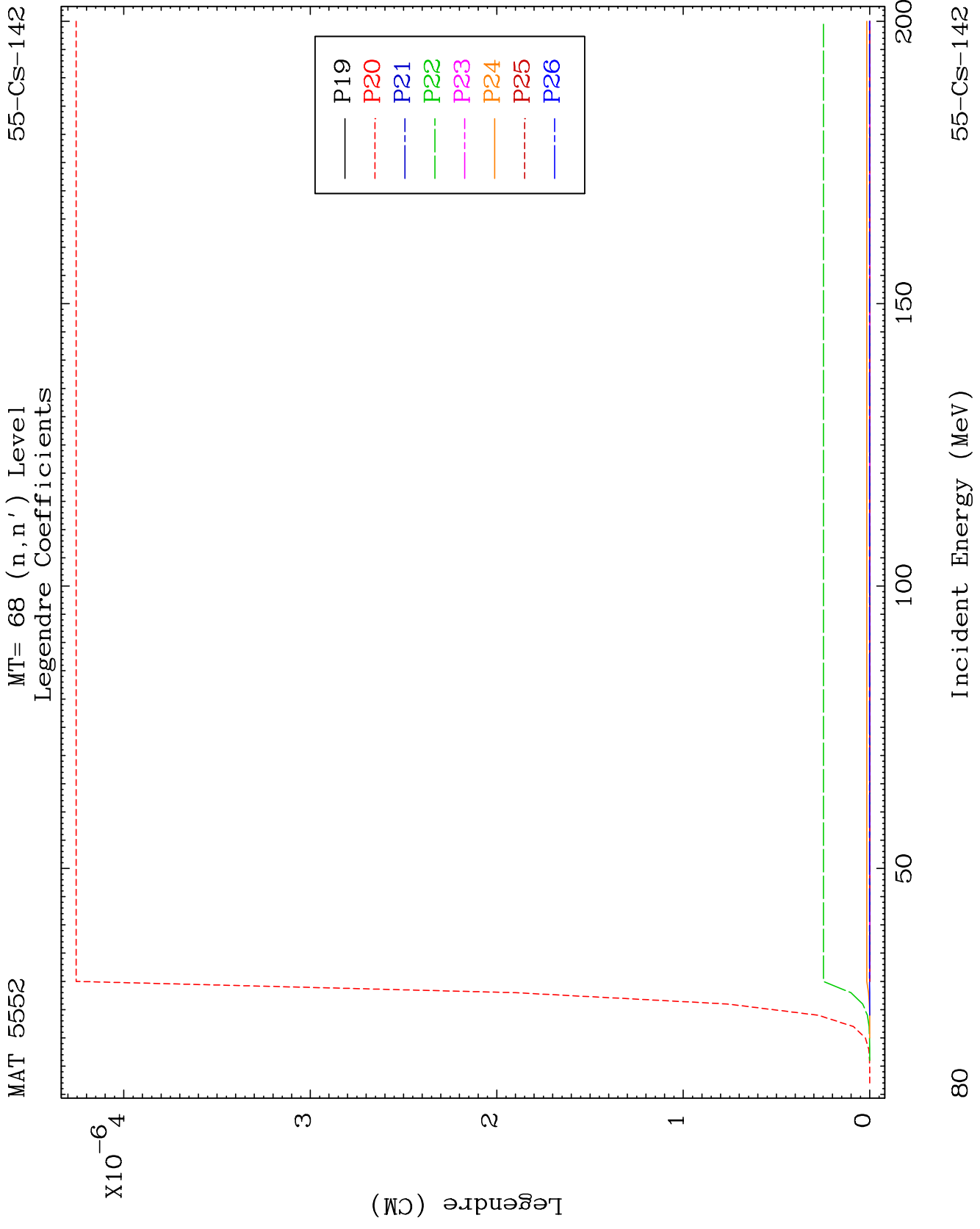
MT= 68 (n,n') Level
Legendre Coefficients

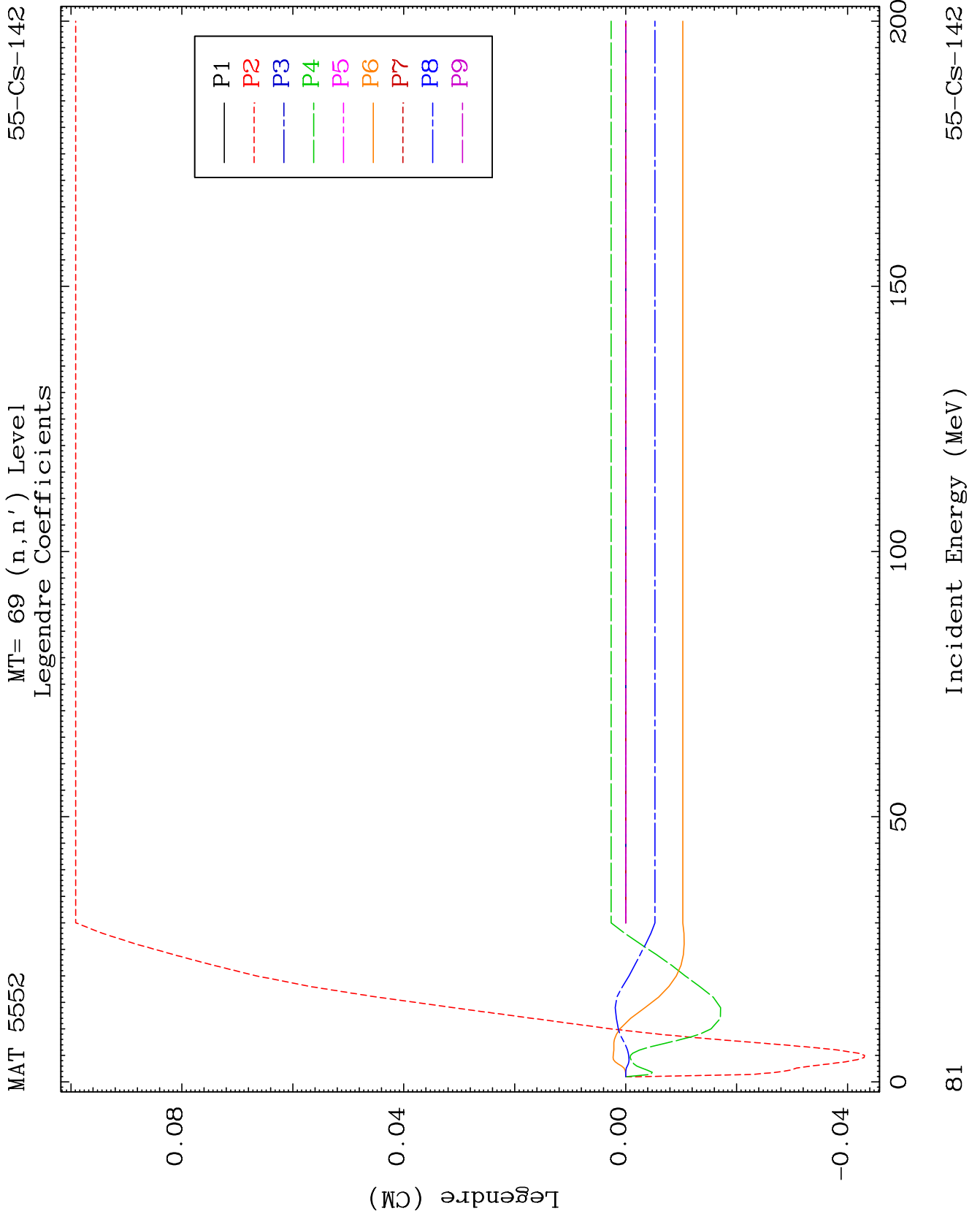
55-Cs-142

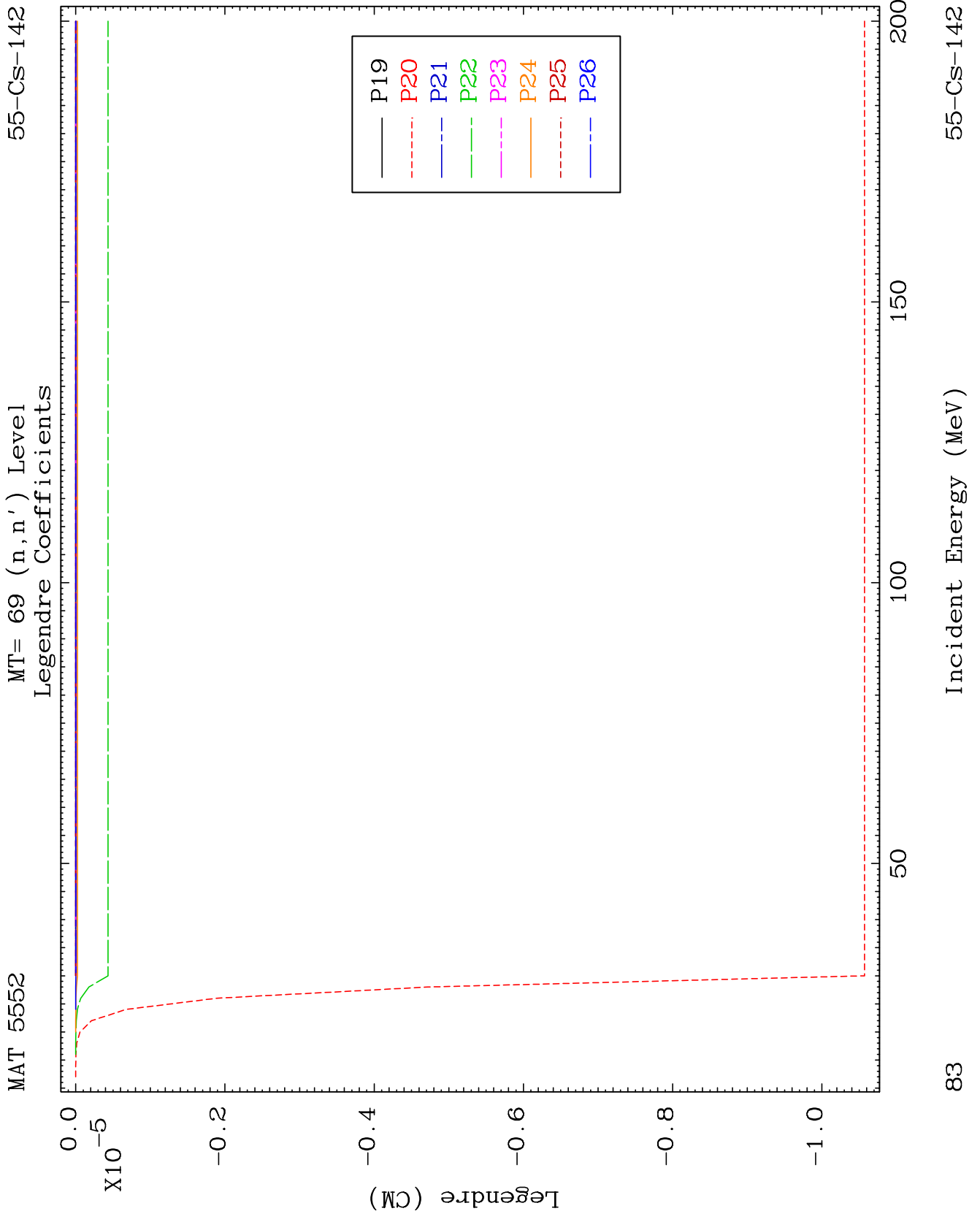


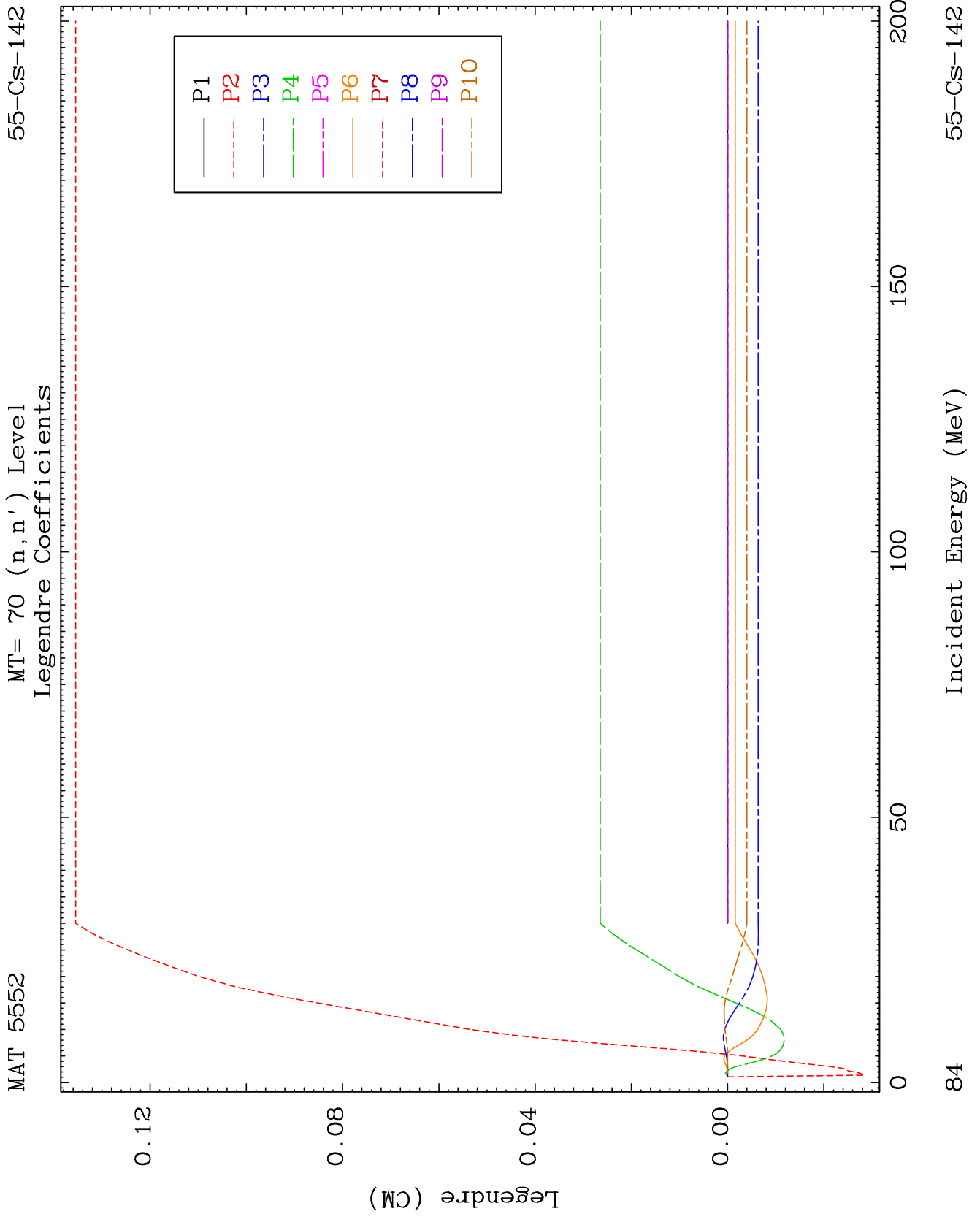
79

55-Cs-142





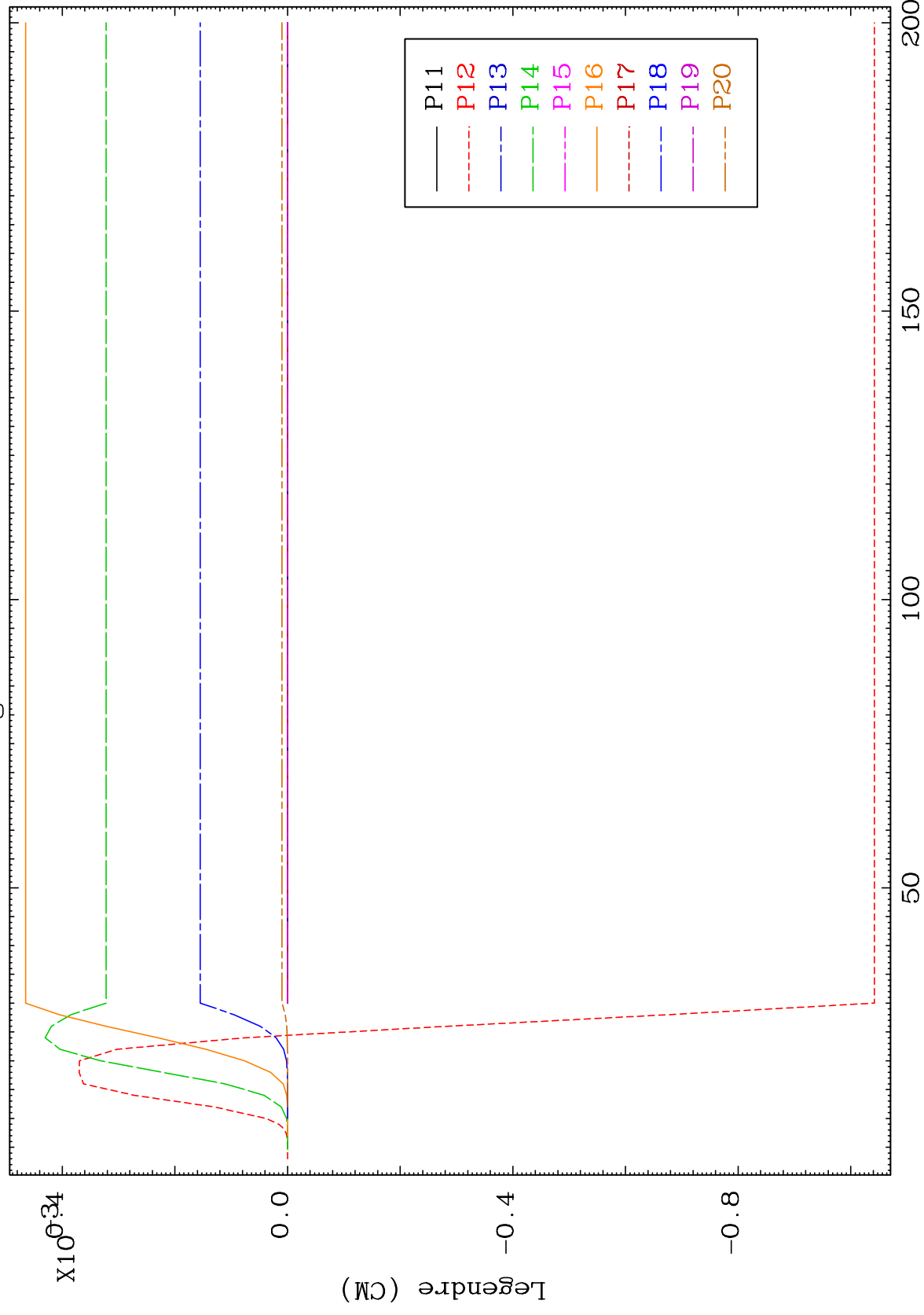




MAT 5552

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

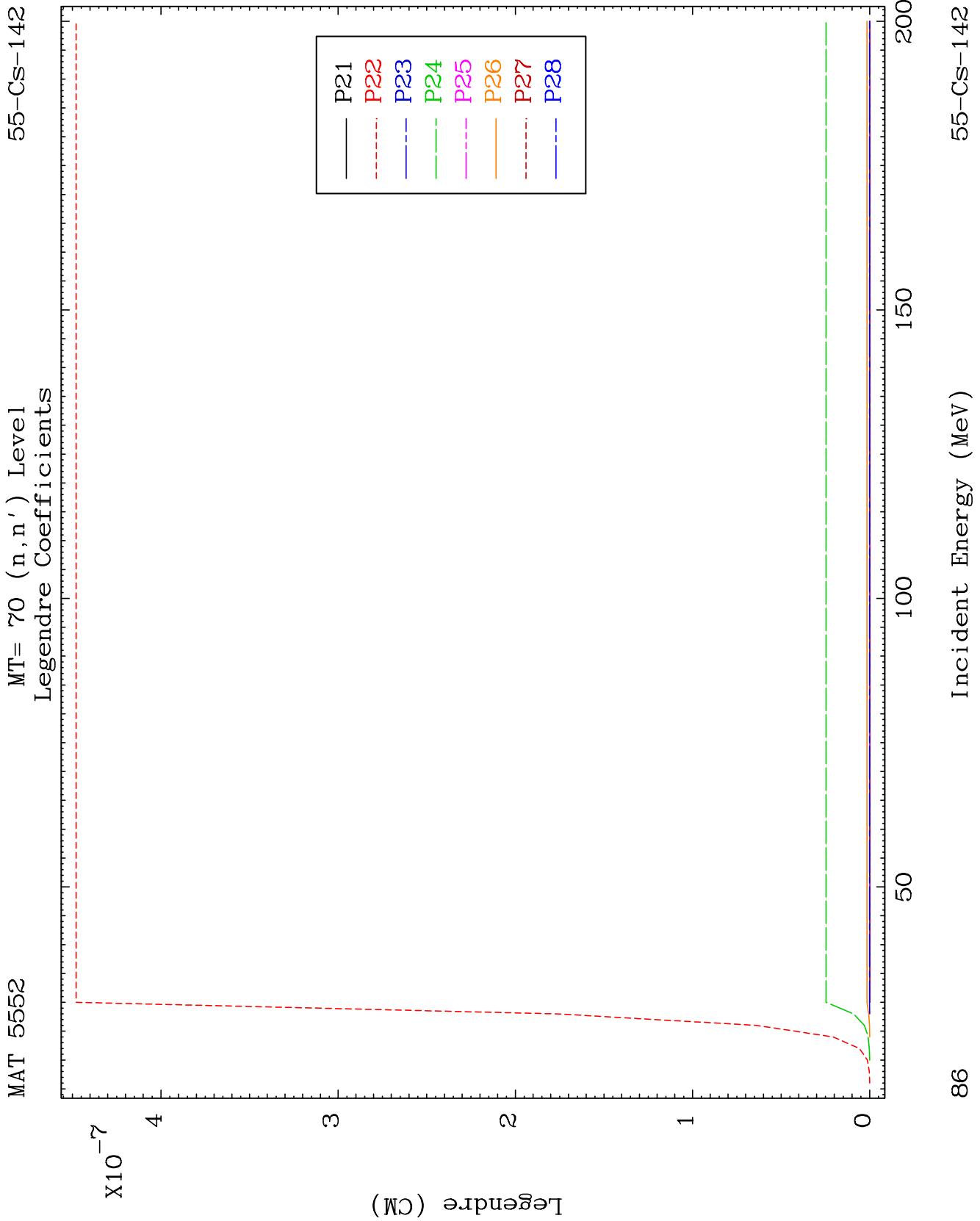
55-Cs-142

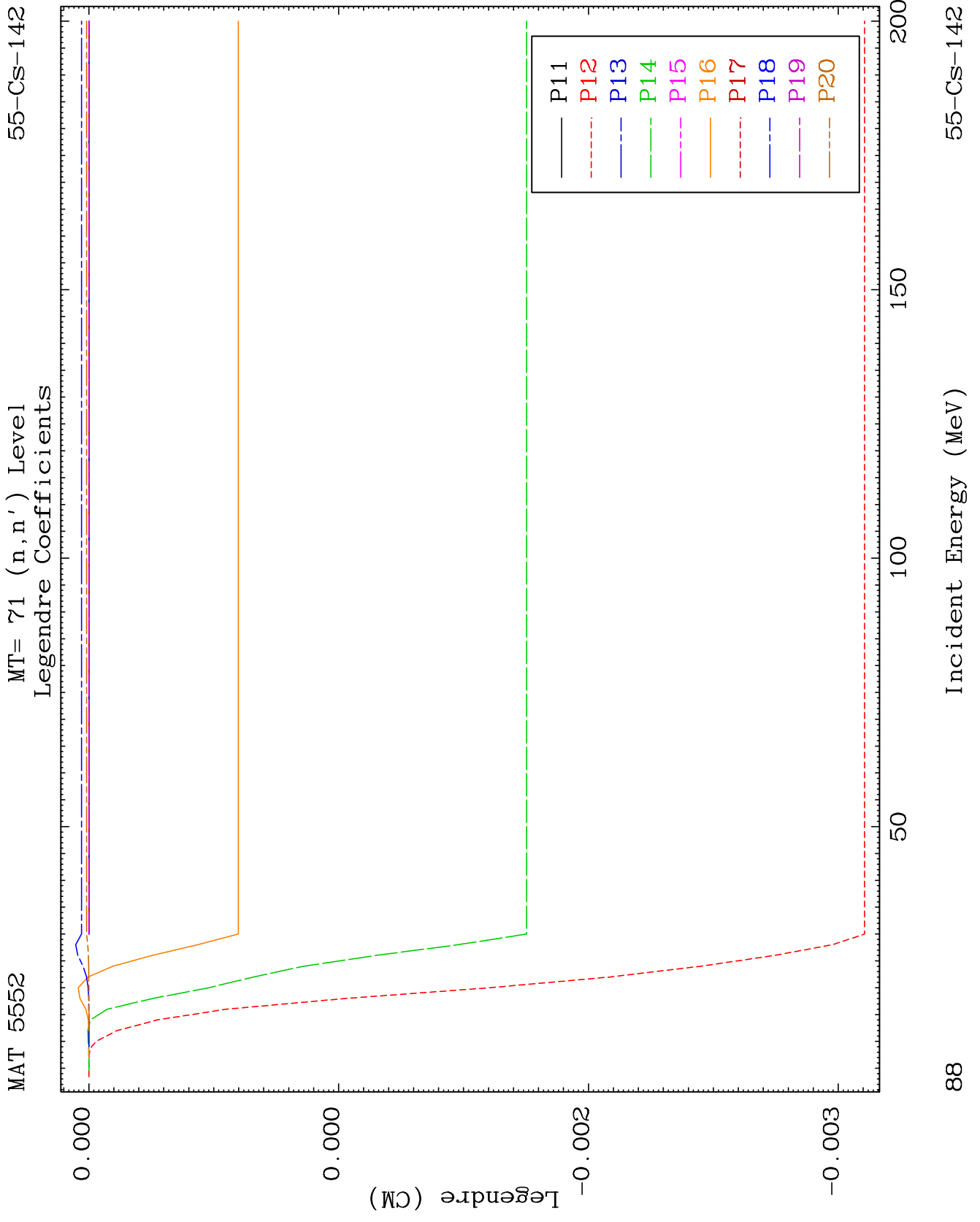


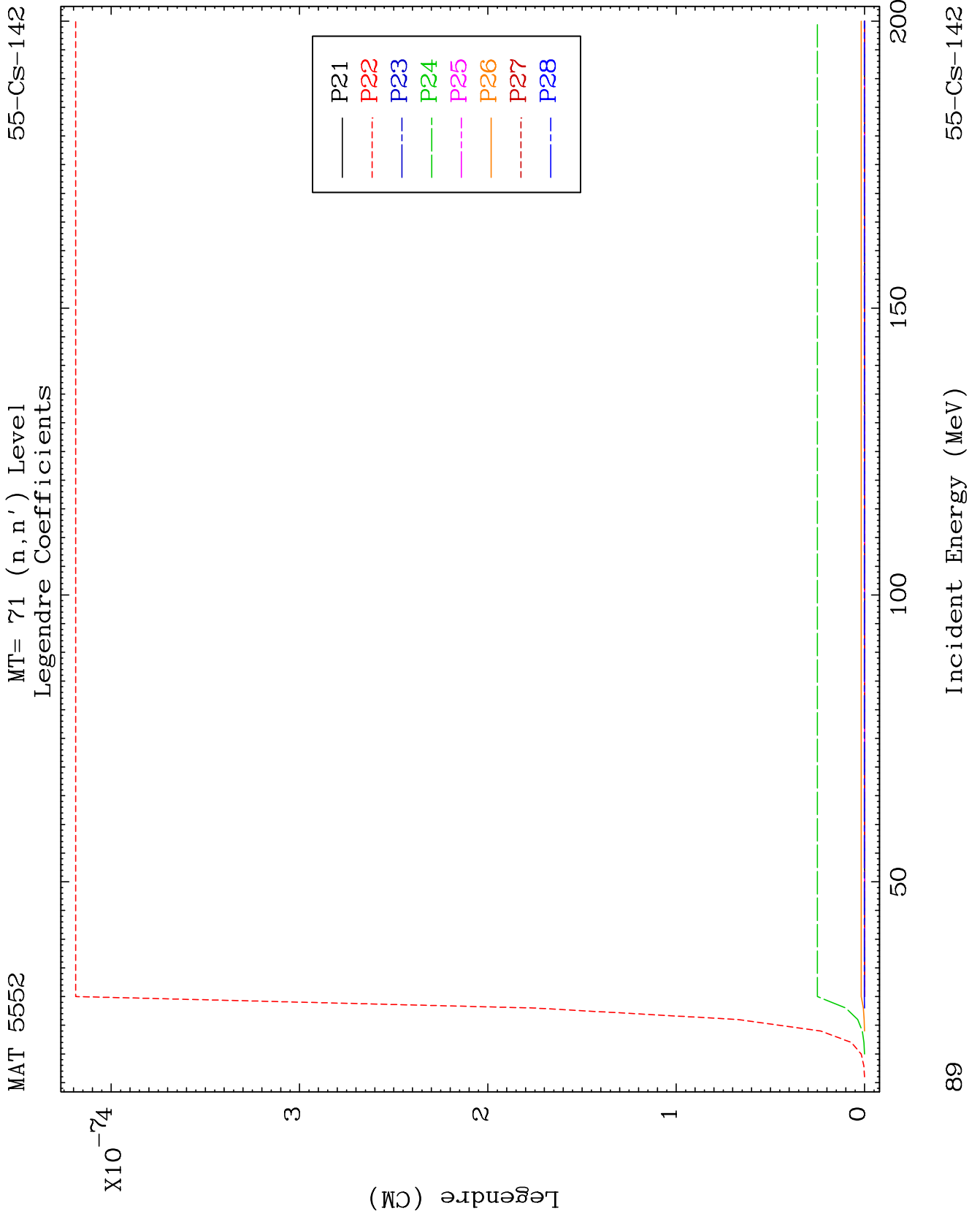
85

Incident Energy (MeV)

55-Cs-142



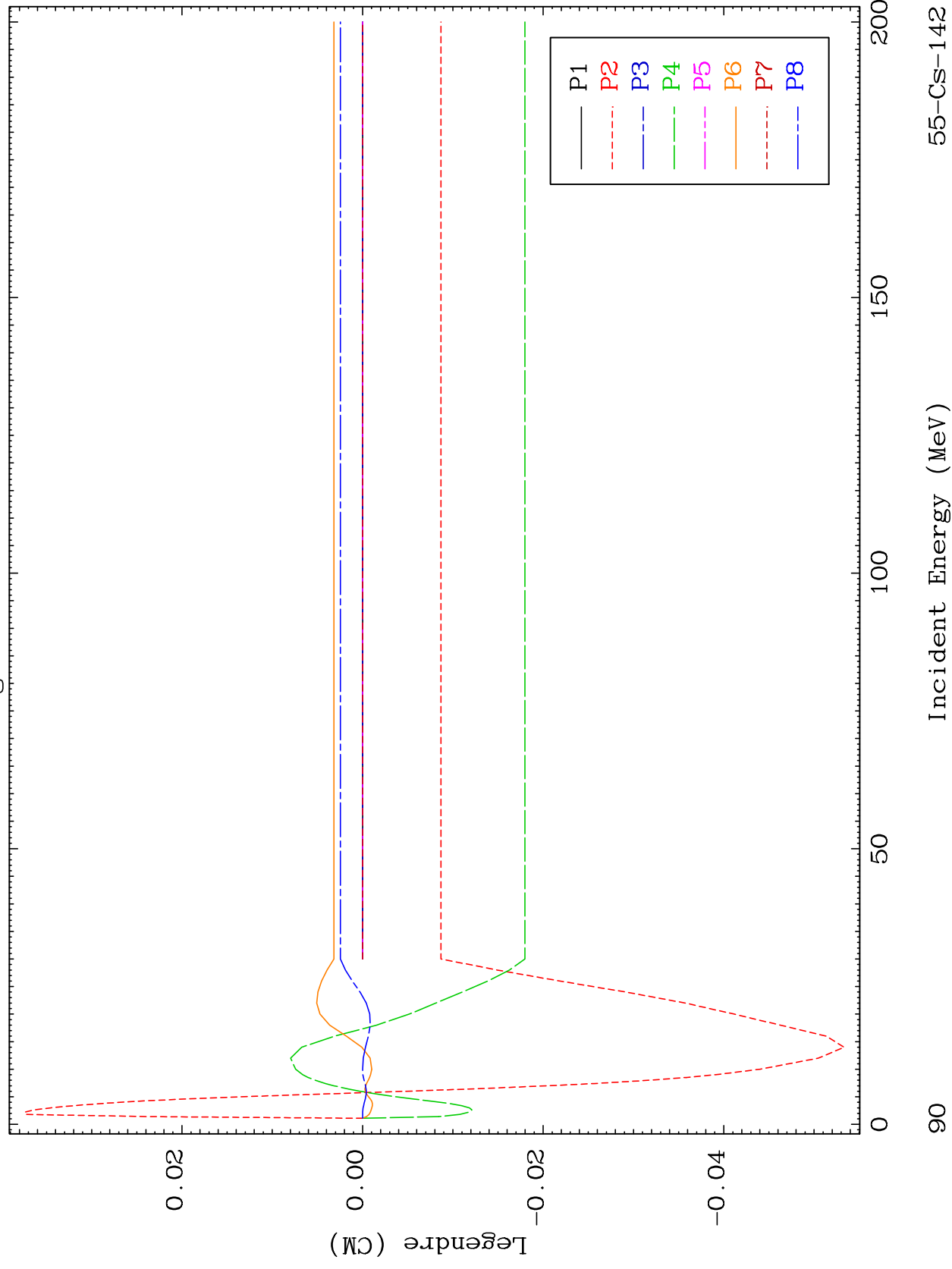




MAT 5552

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

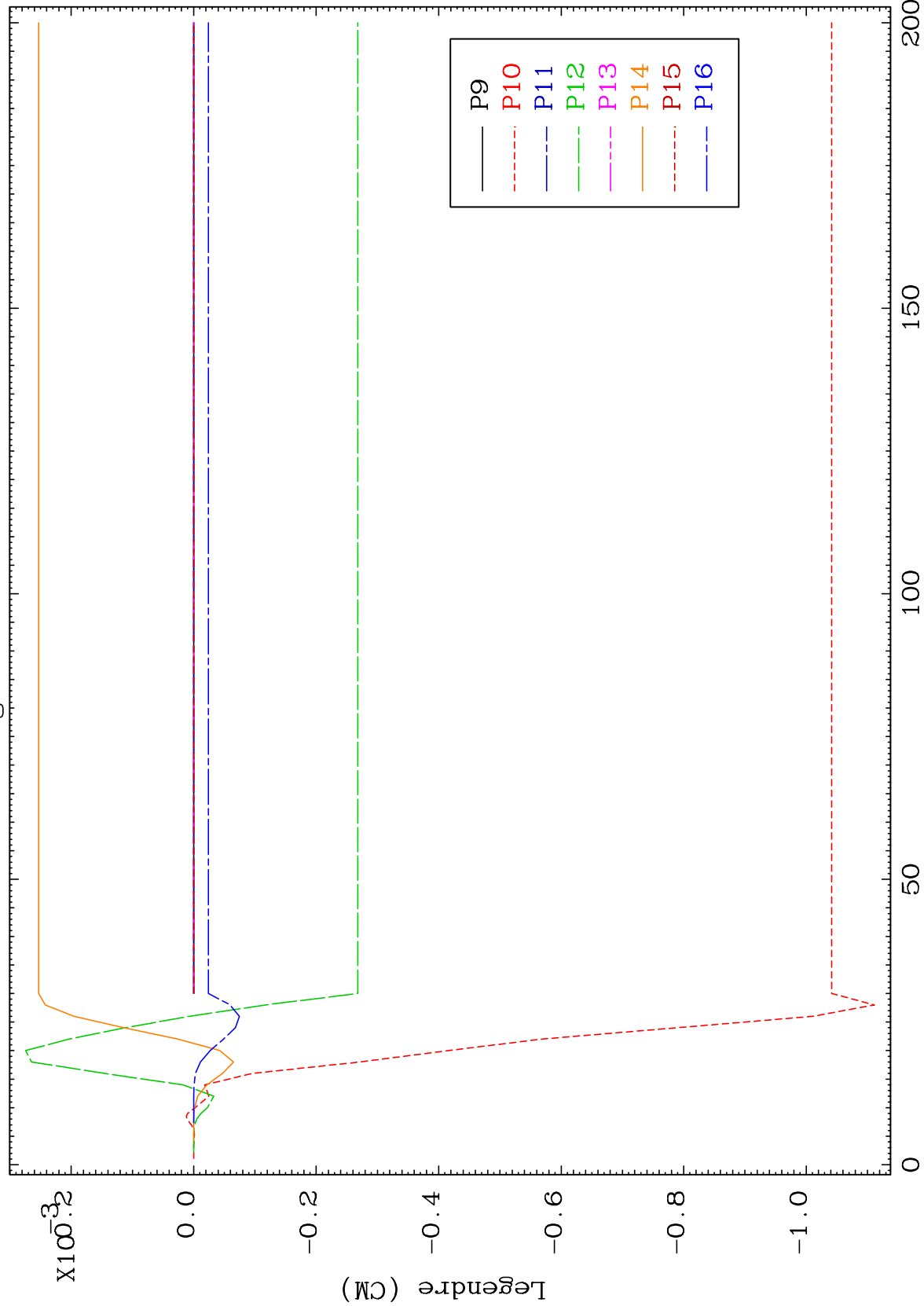
55-Cs-142



MAT 5552

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

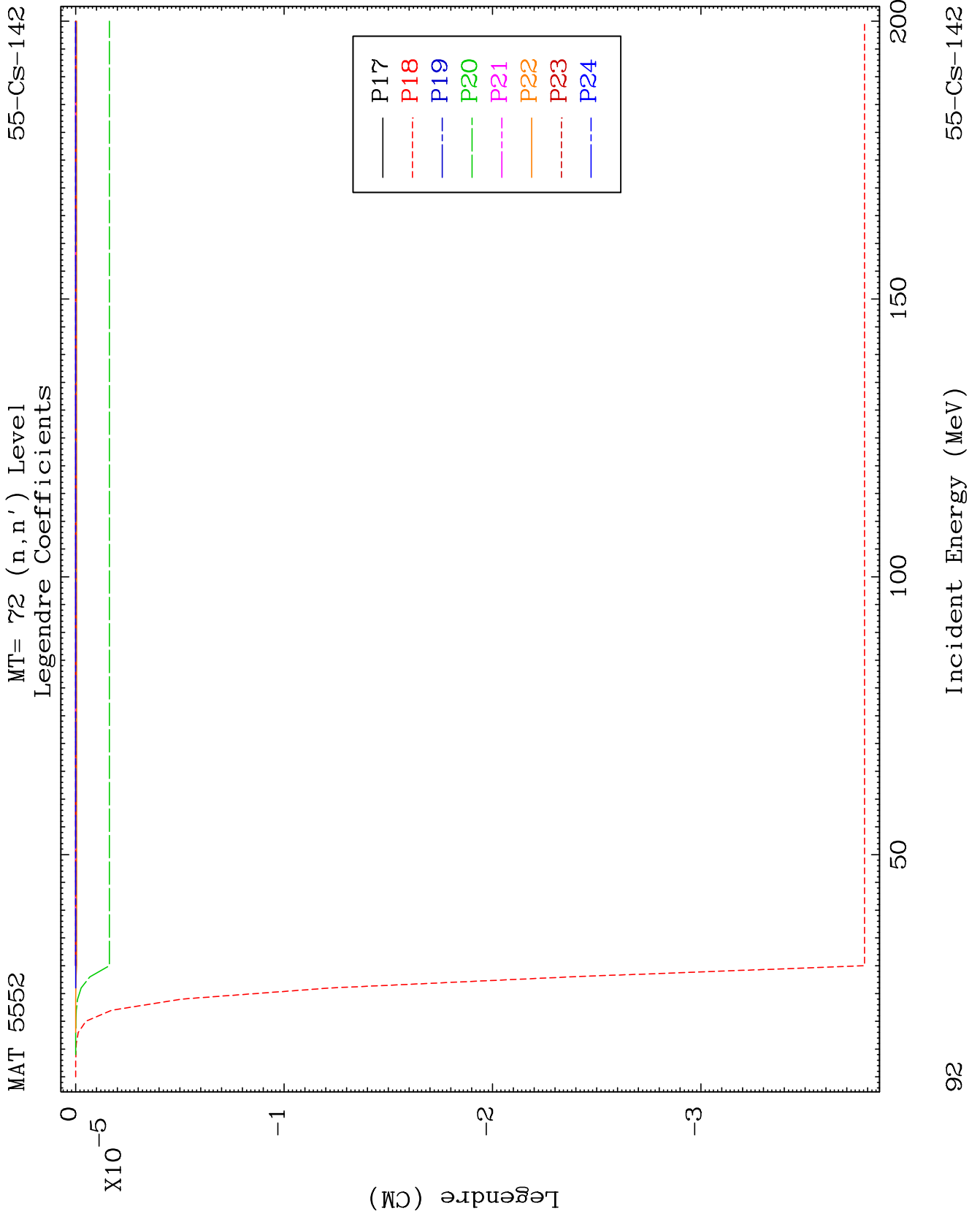
55-Cs-142



91

Incident Energy (MeV)

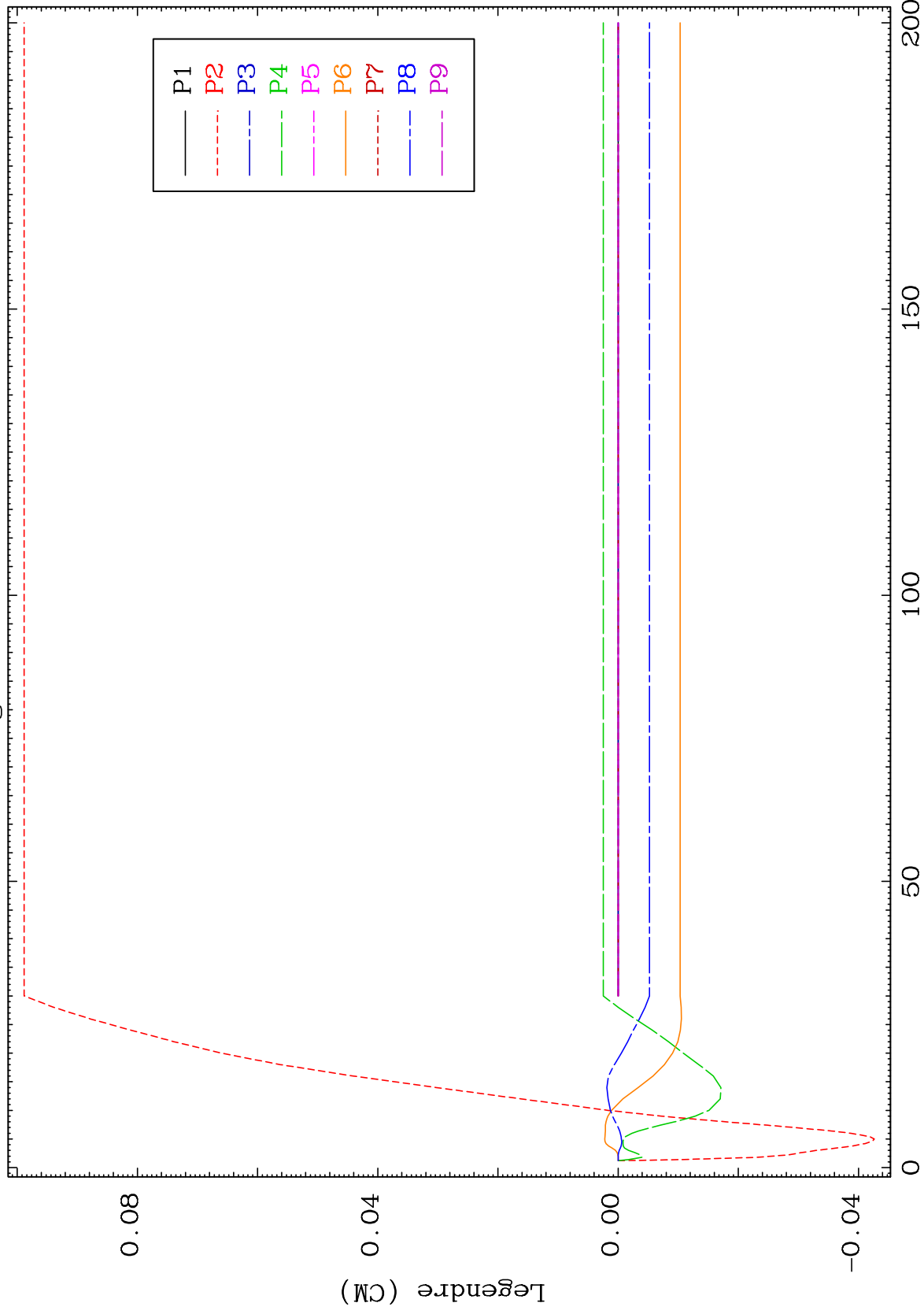
55-Cs-142



MAT 5552

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

55-Cs-142



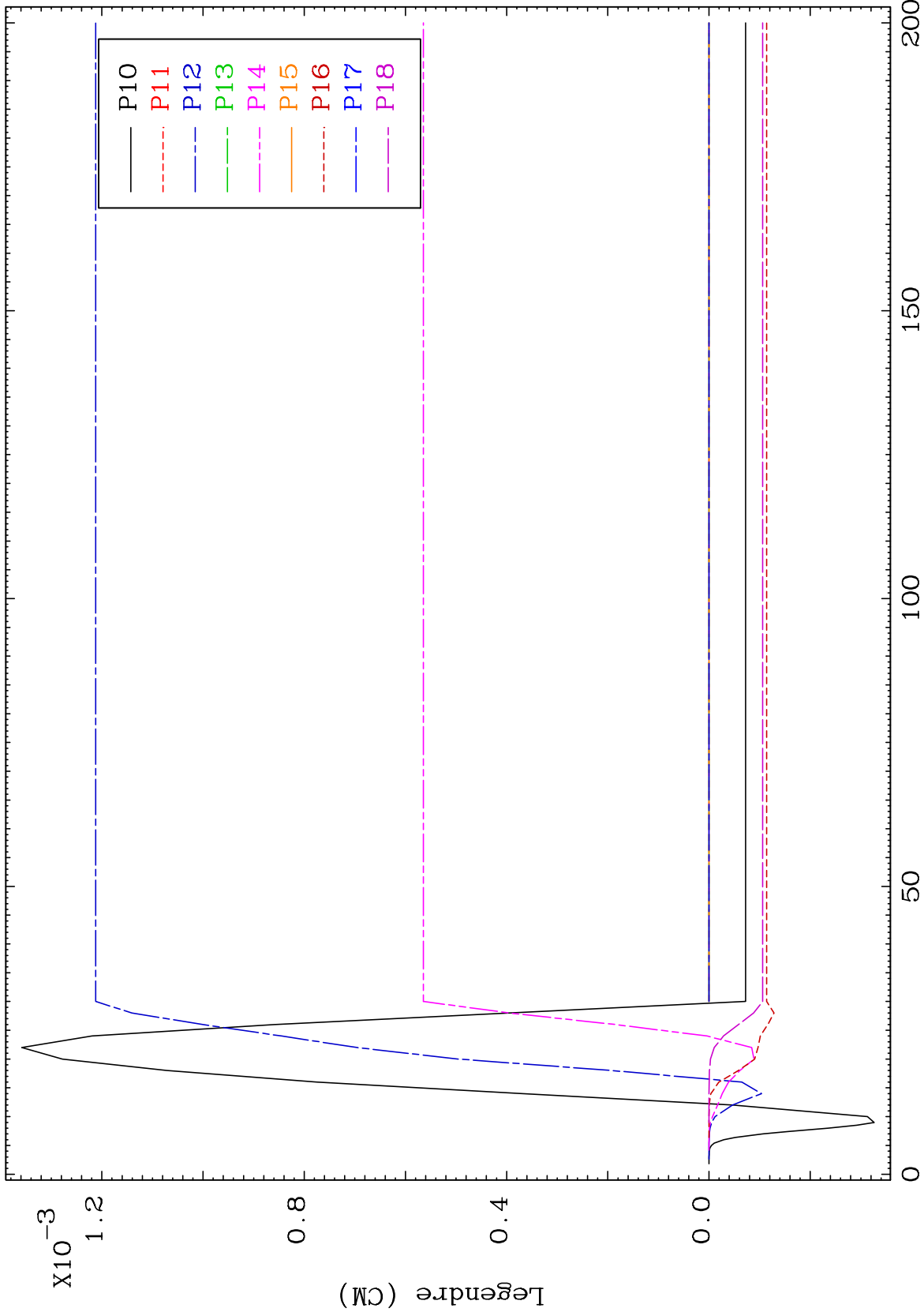
93

55-Cs-142

MAT 5552

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

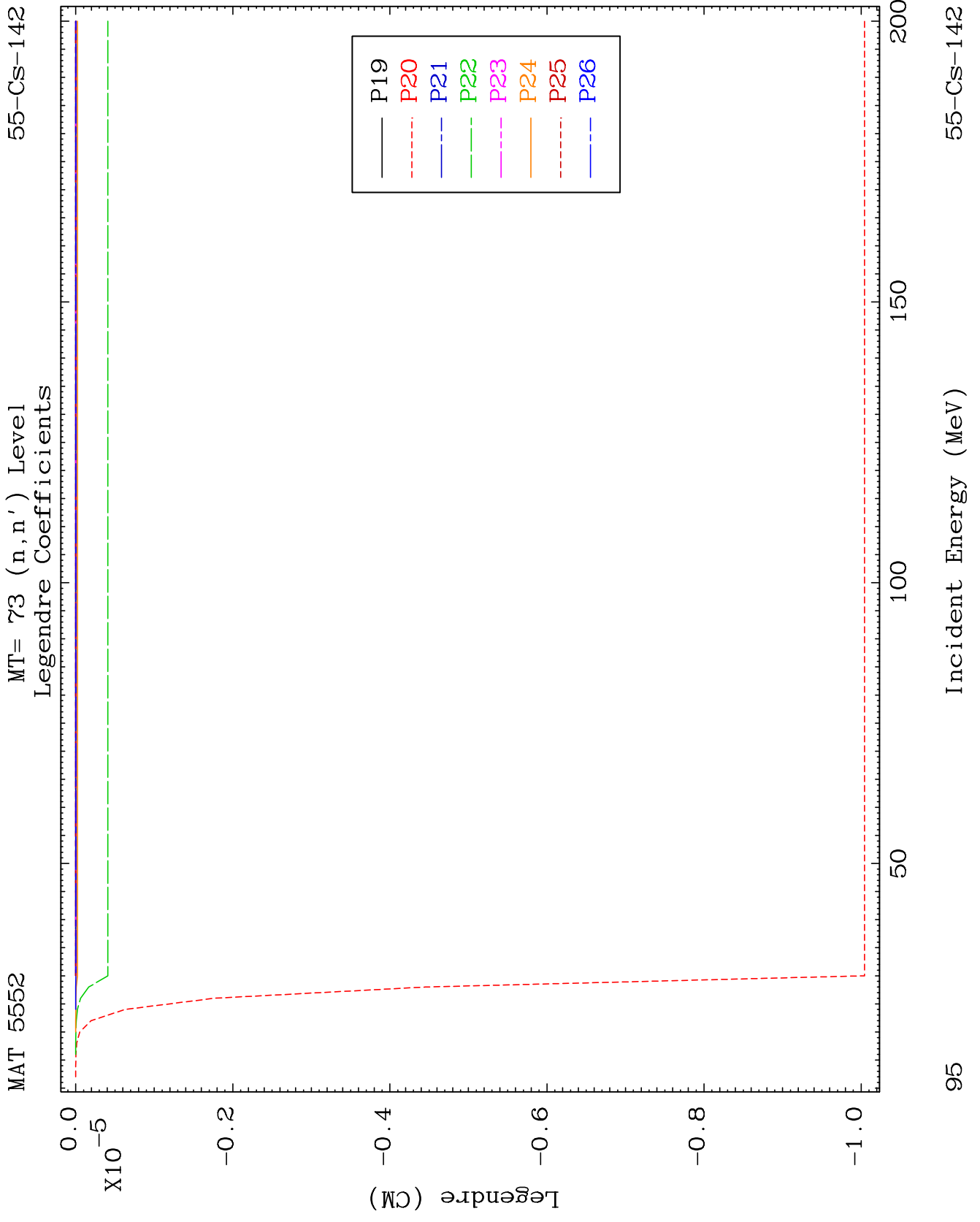
55-Cs-142



94

Incident Energy (MeV)

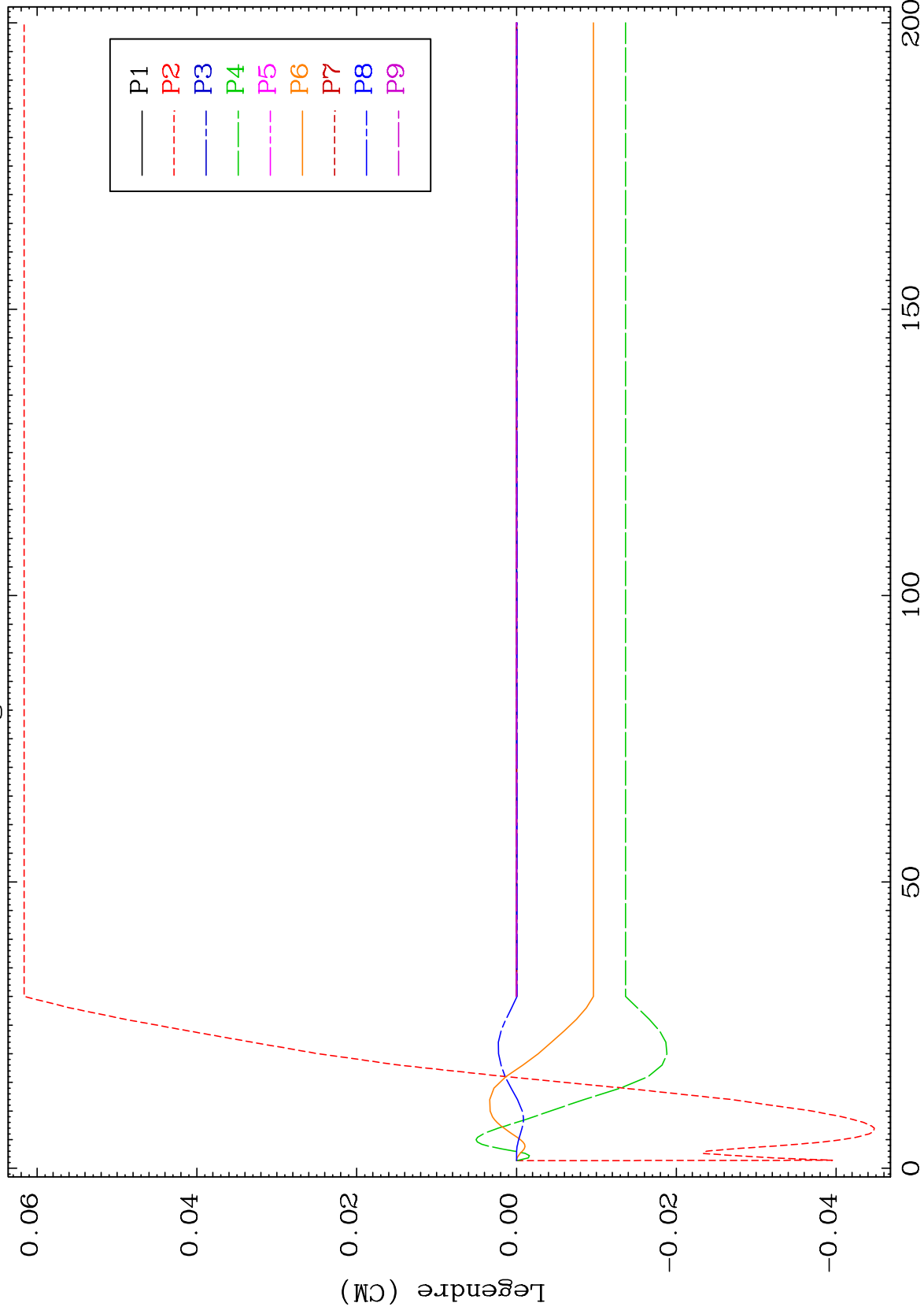
55-Cs-142



MAT 5552

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

55-Cs-142



96

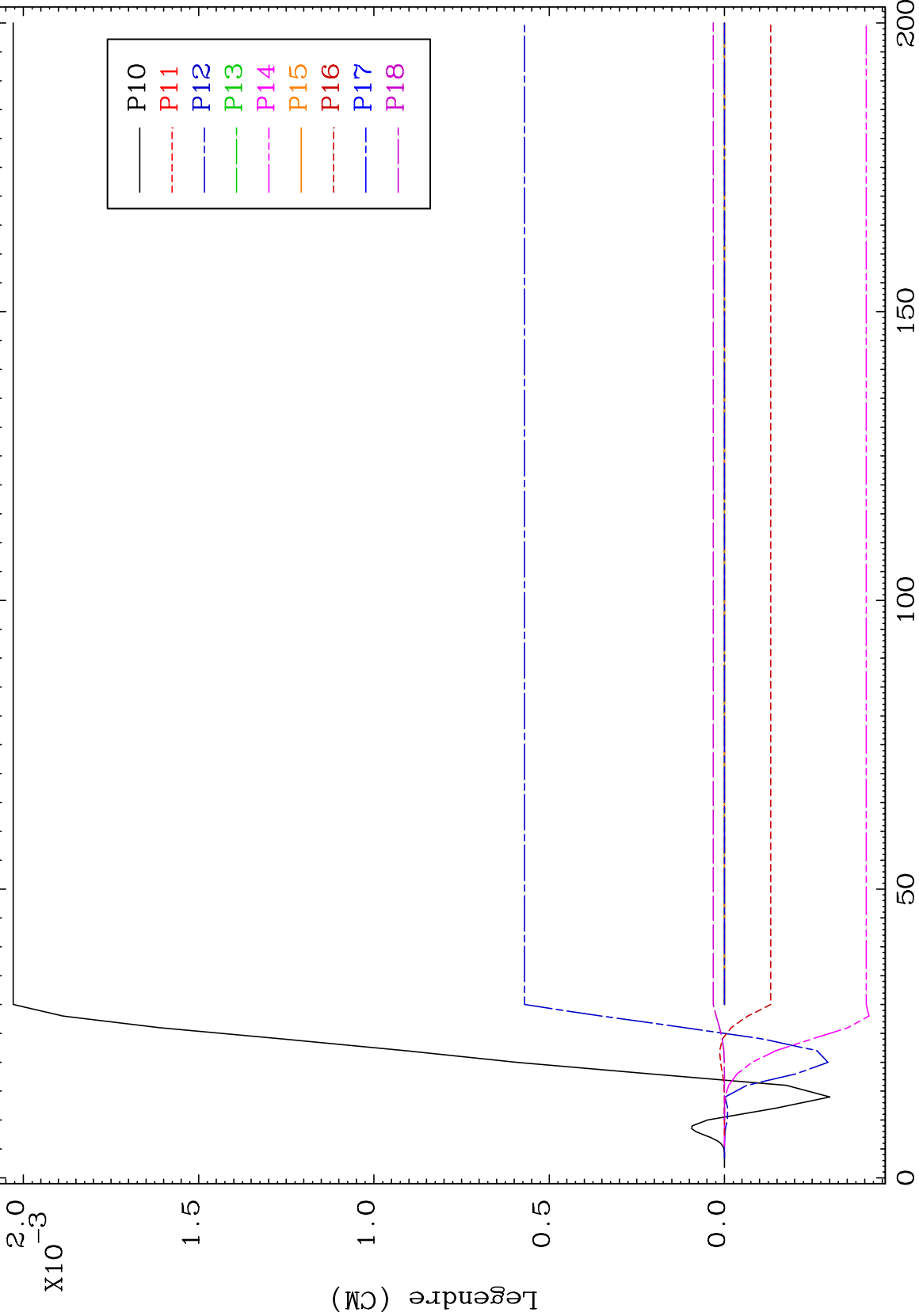
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

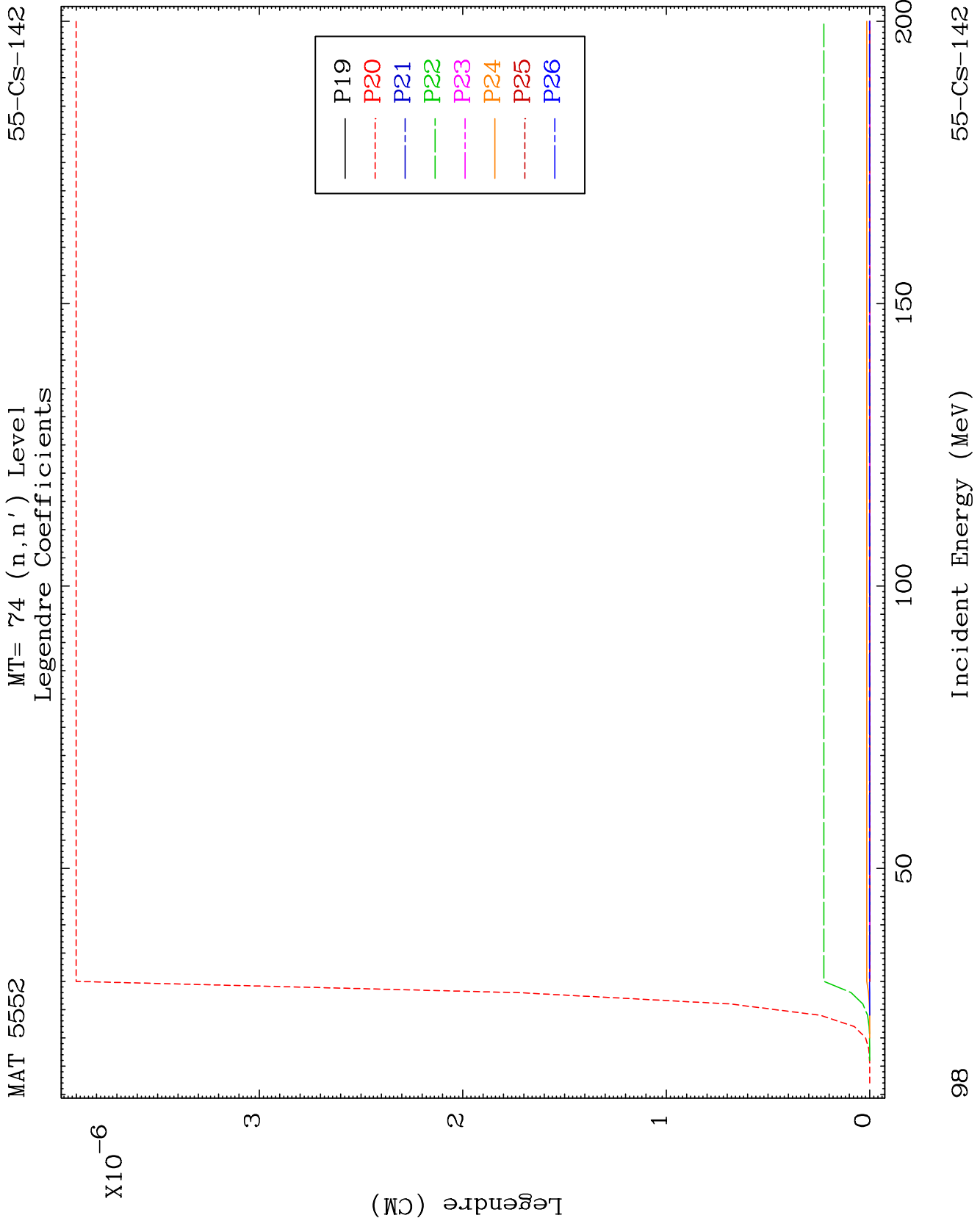
55-Cs-142



97

Incident Energy (MeV)

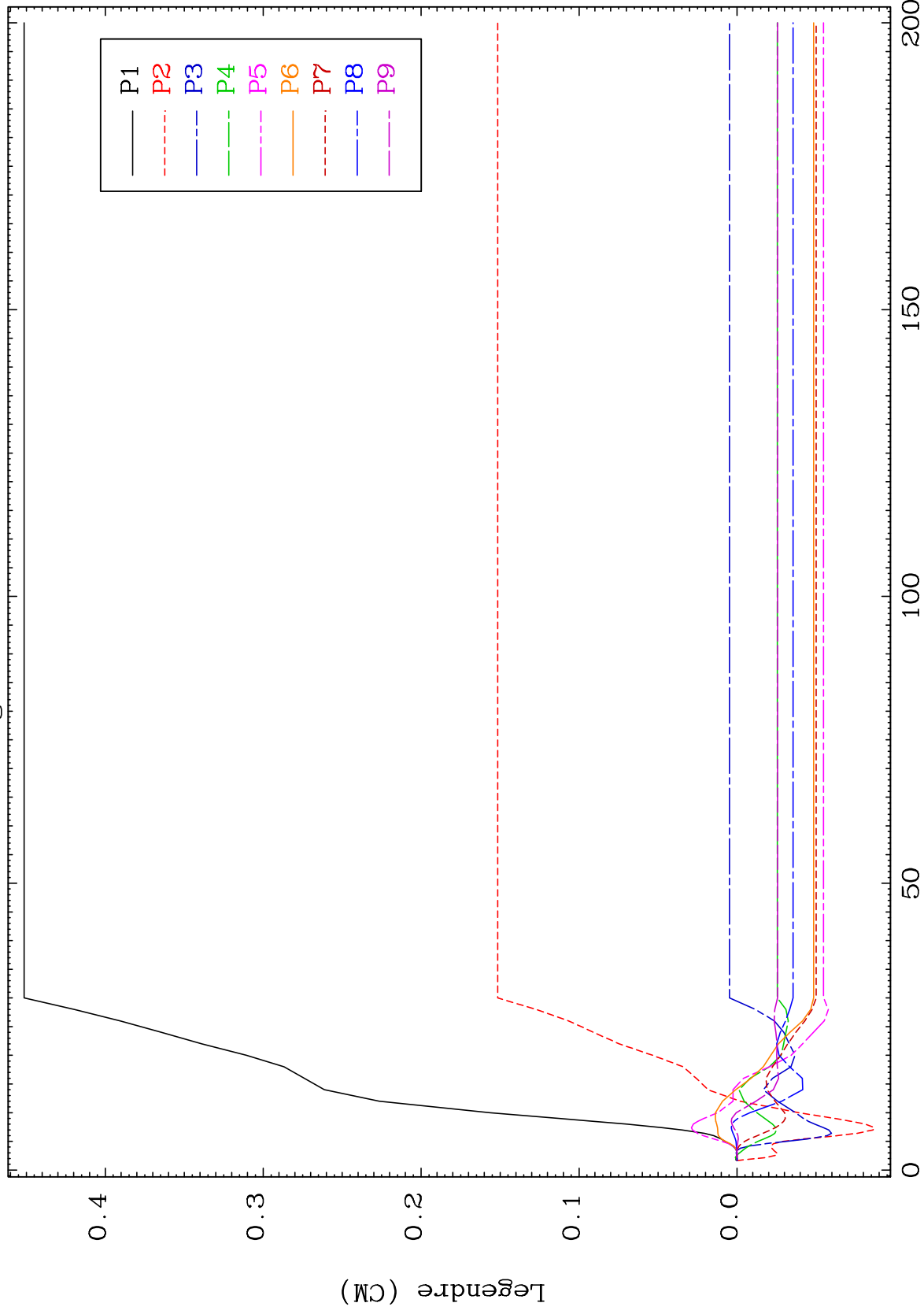
55-Cs-142



MAT 5552

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

55-Cs-142



99

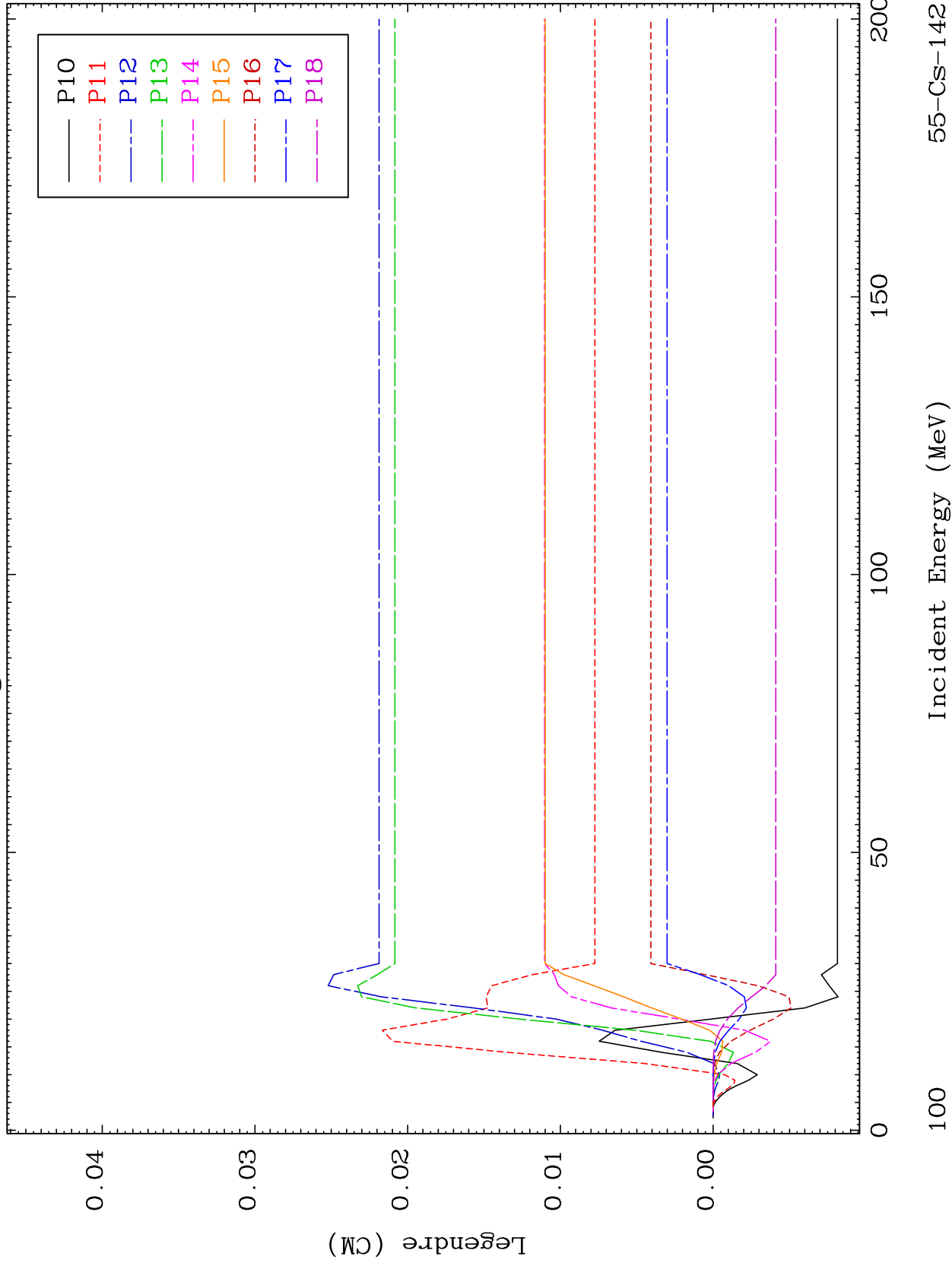
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

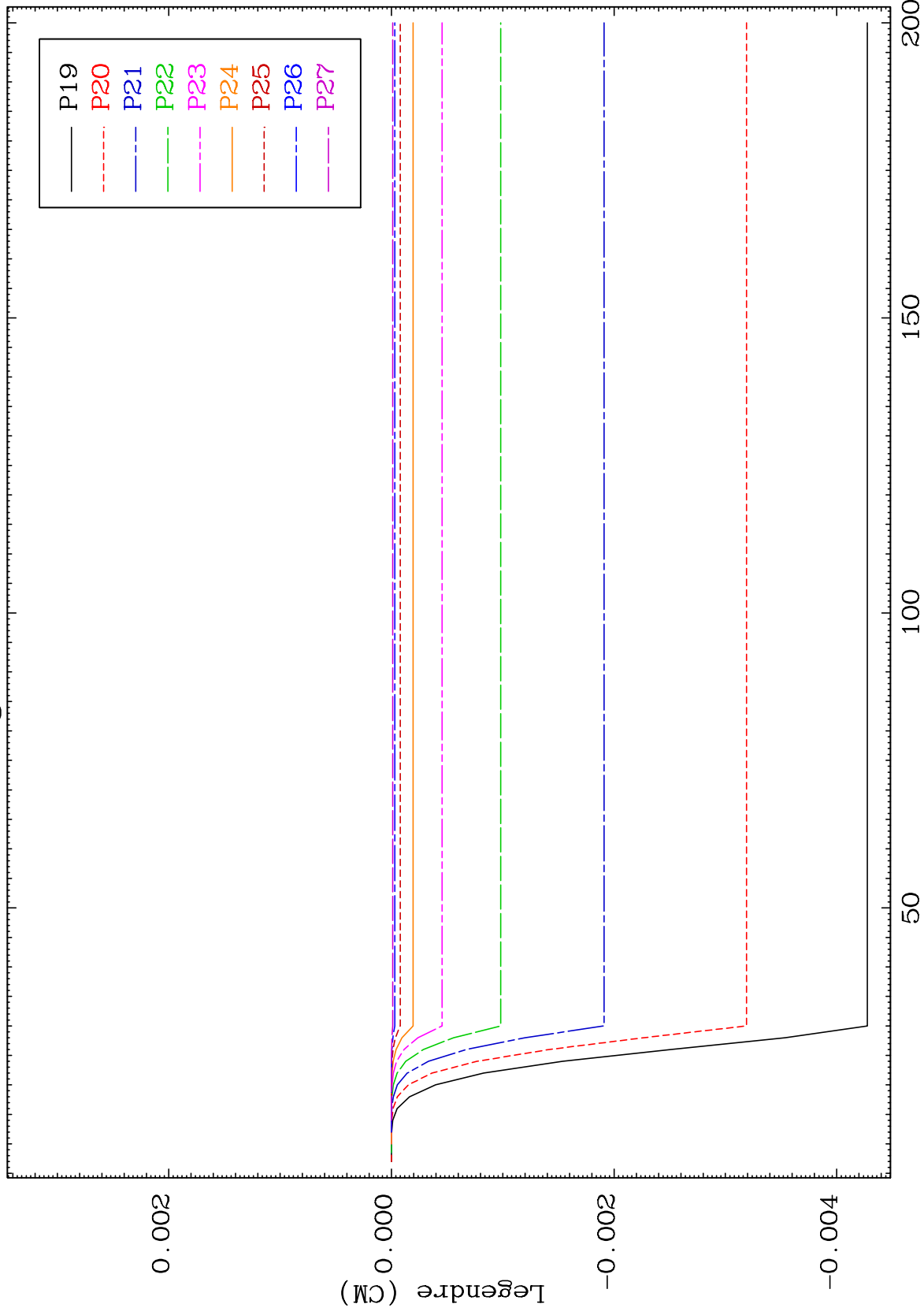
55-Cs-142



MAT 5552

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

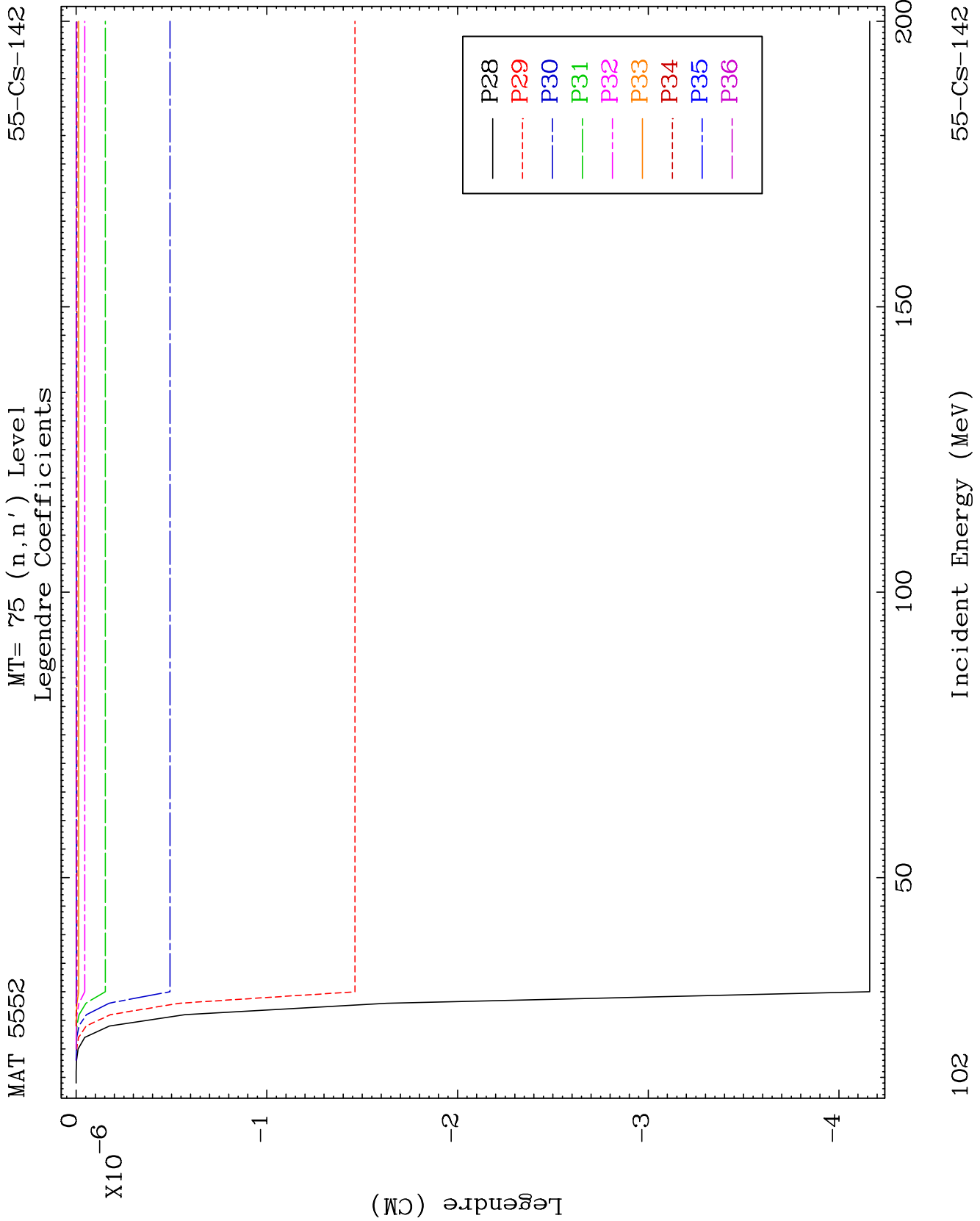
55-Cs-142



101

Incident Energy (MeV)

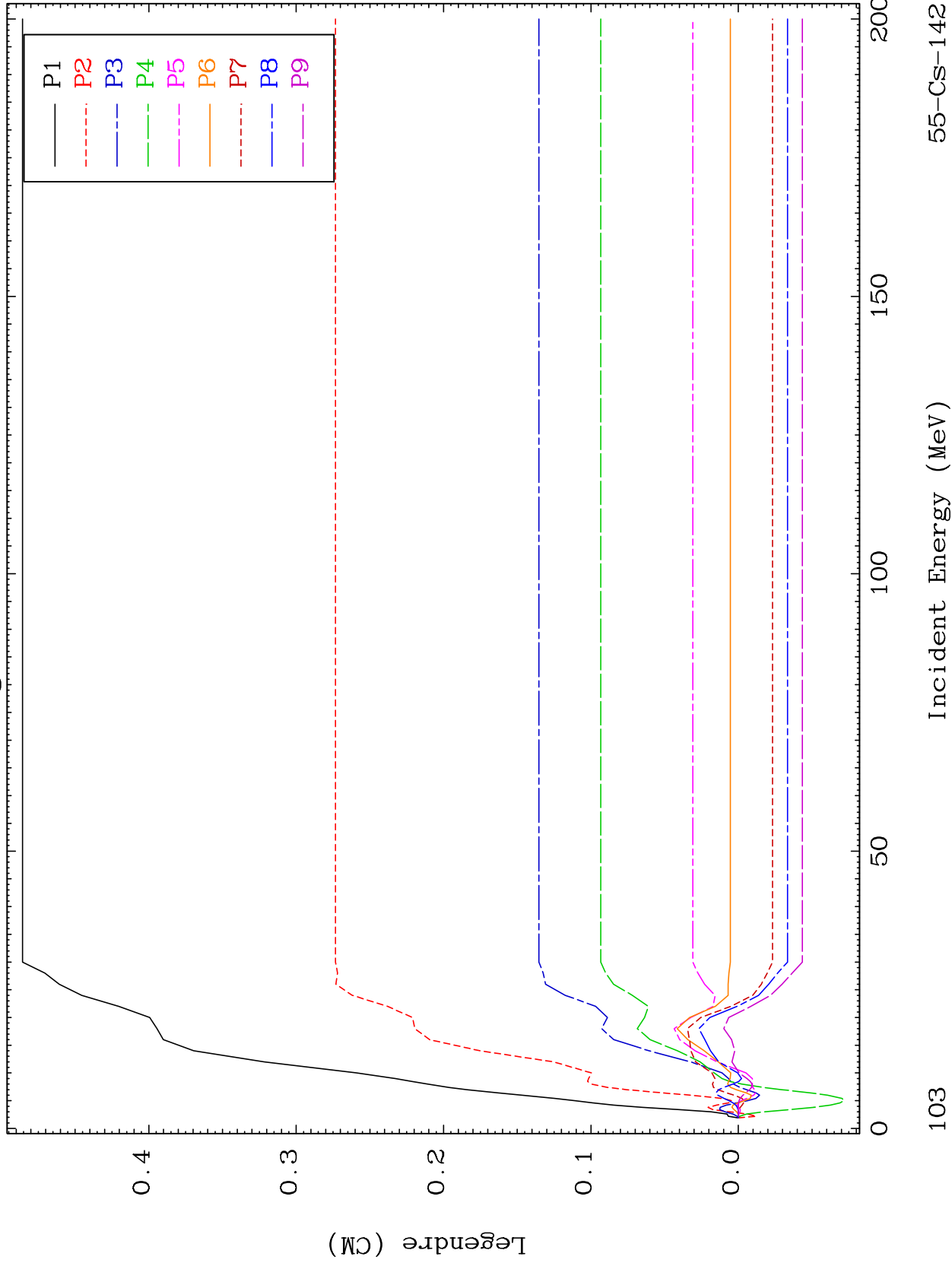
55-Cs-142



MAT 5552

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

55-Cs-142



55-Cs-142

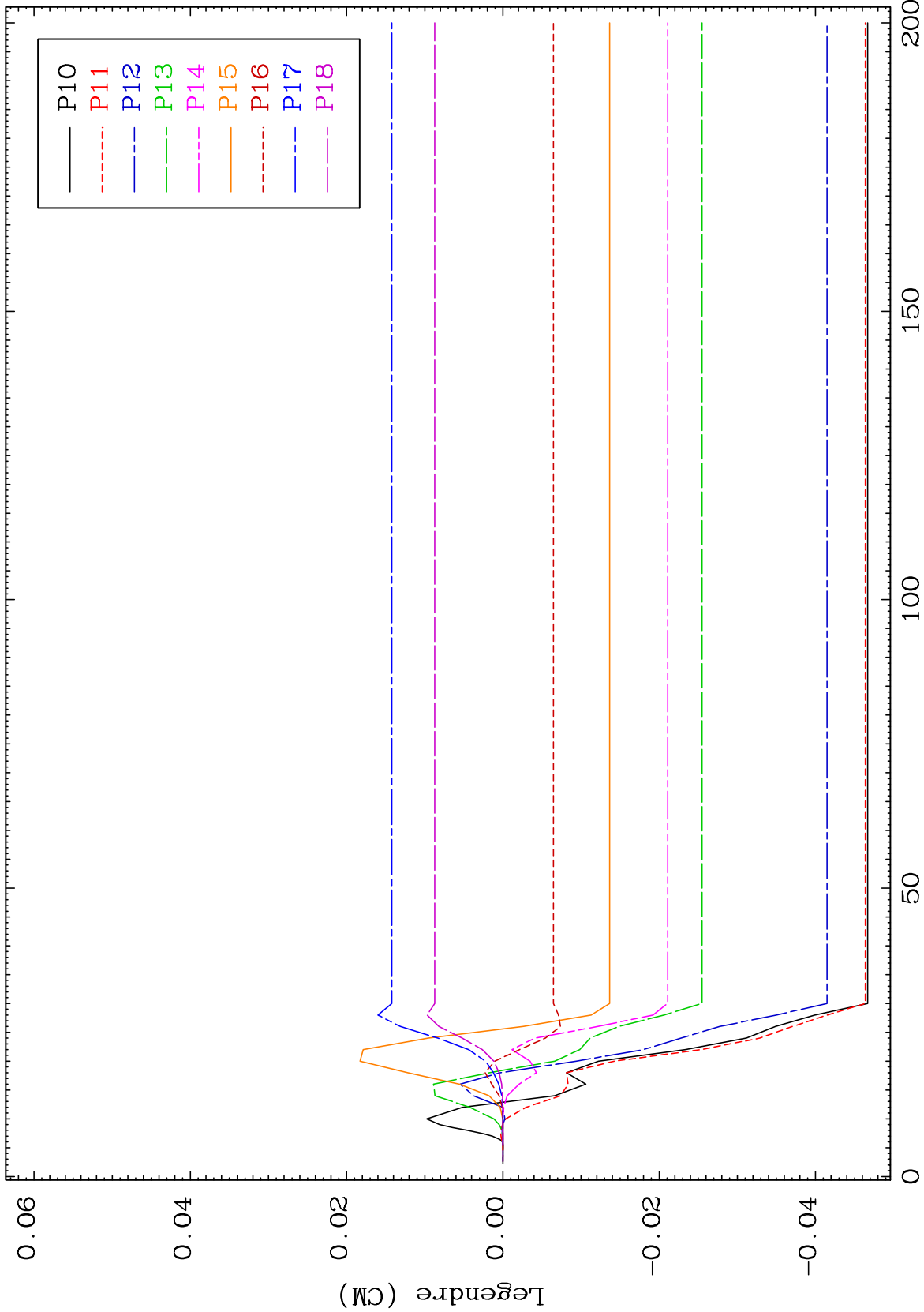
Incident Energy (MeV)

103

MAT 5552

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

55-Cs-142



104

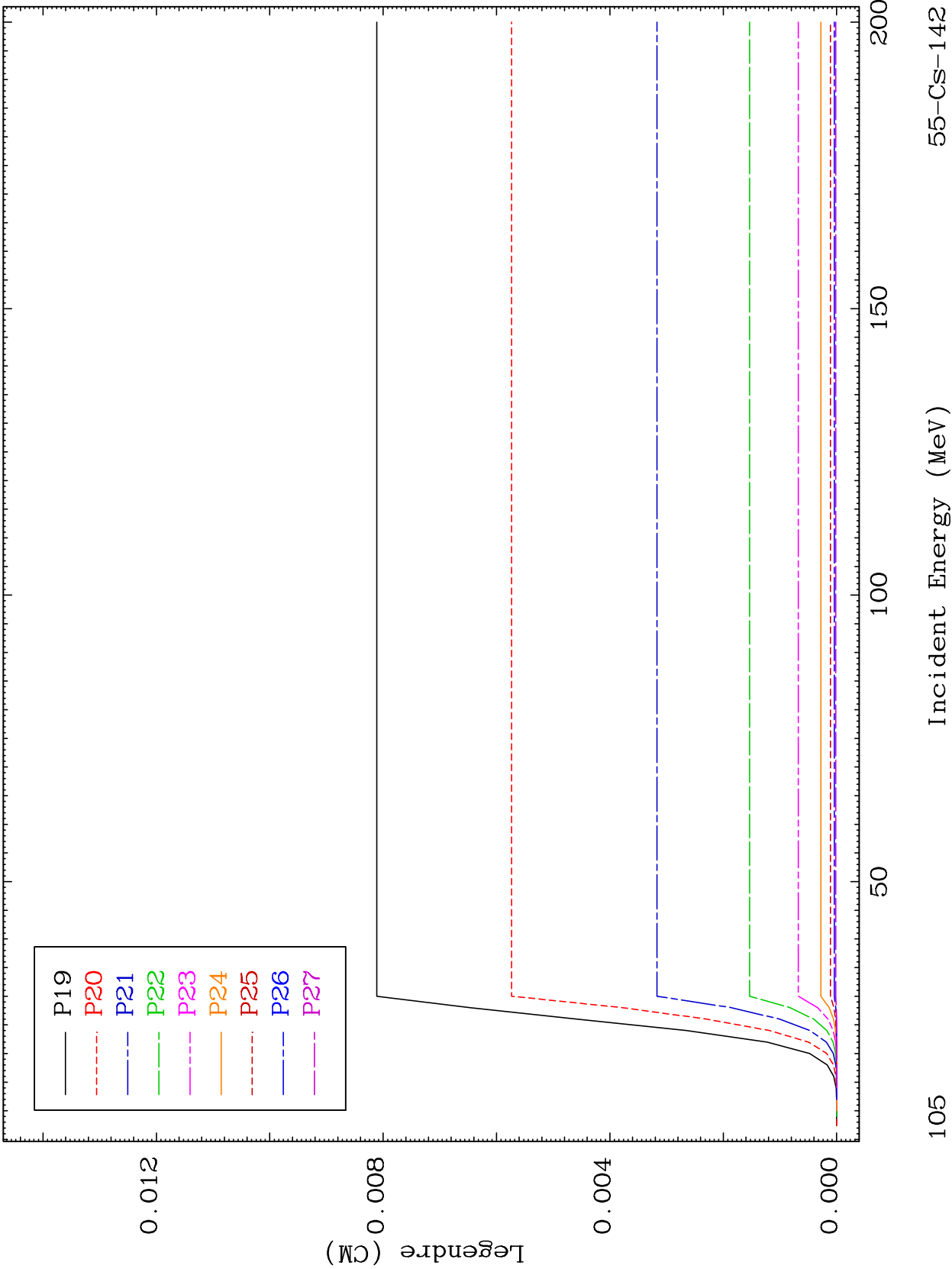
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



105

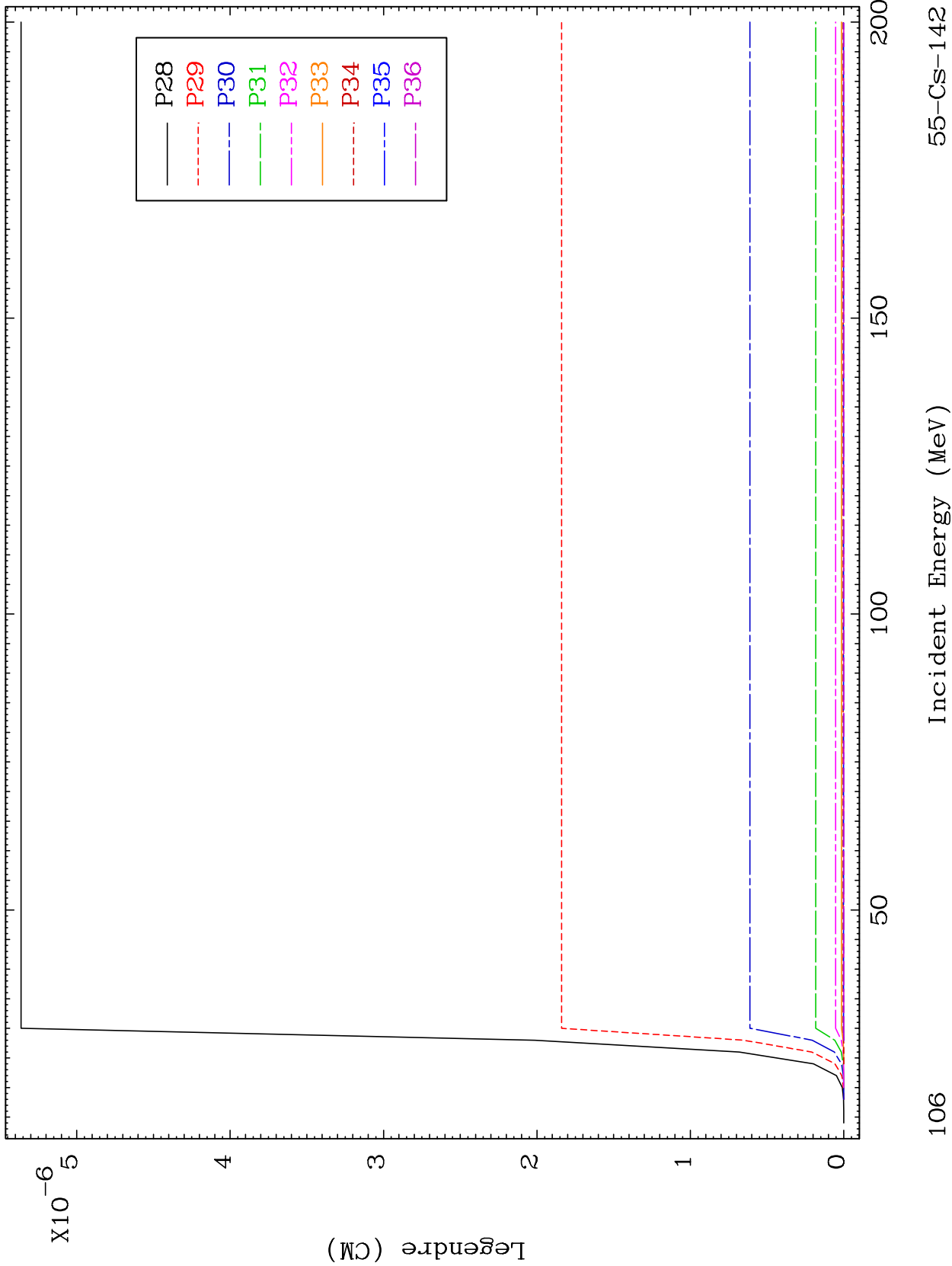
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



106

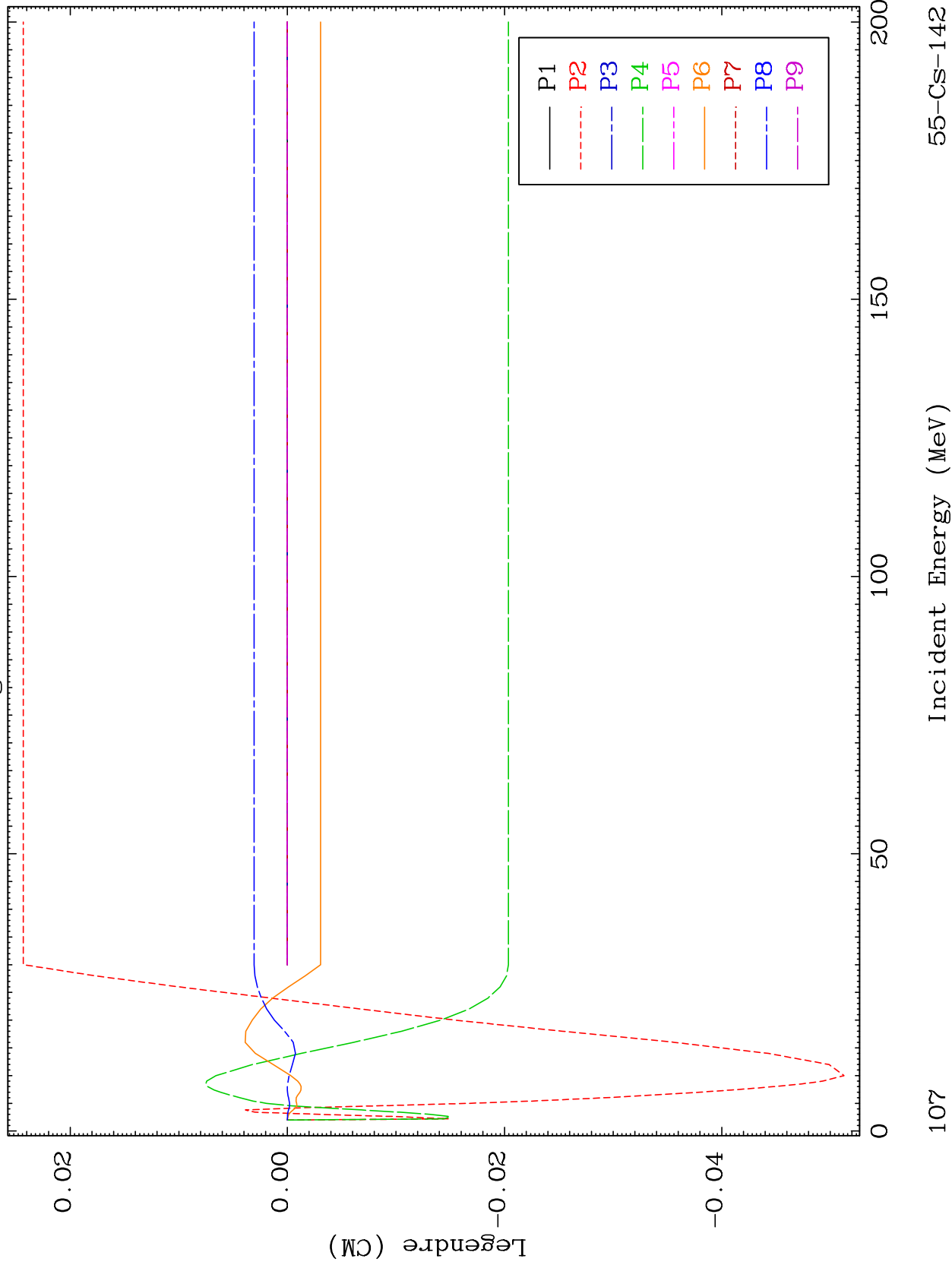
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



55-Cs-142

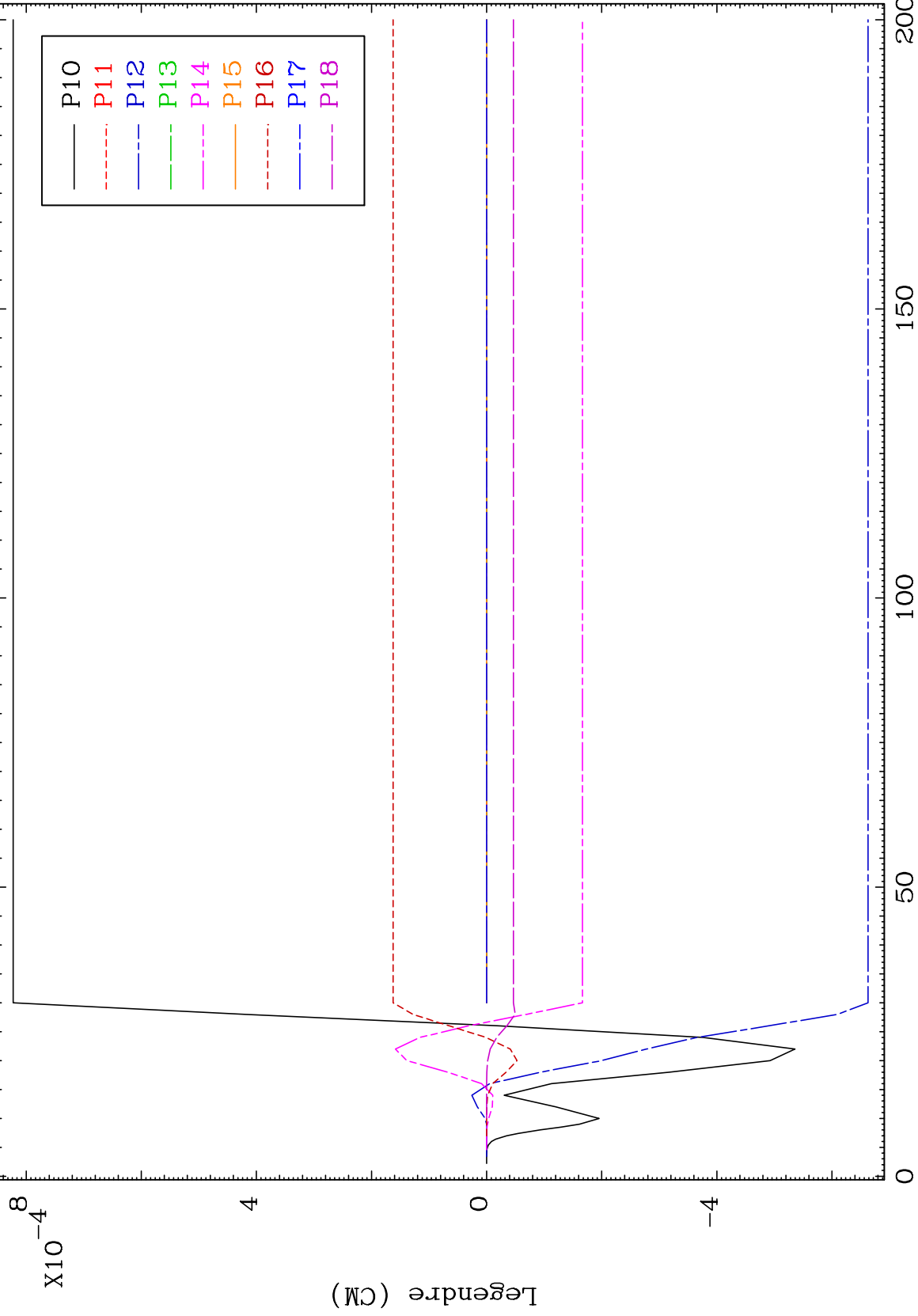
Incident Energy (MeV)

107

MAT 5552

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

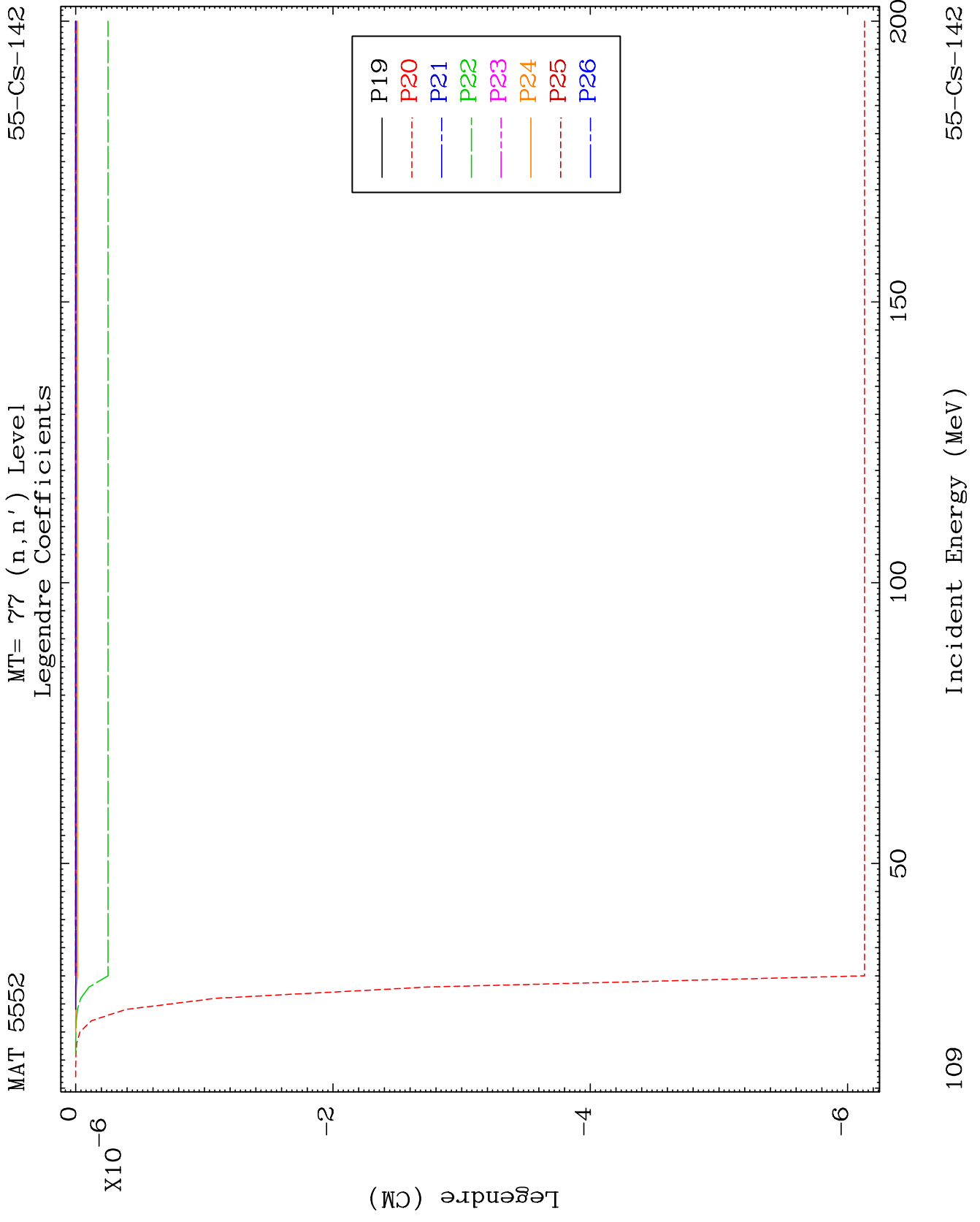
55-Cs-142



108

Incident Energy (MeV)

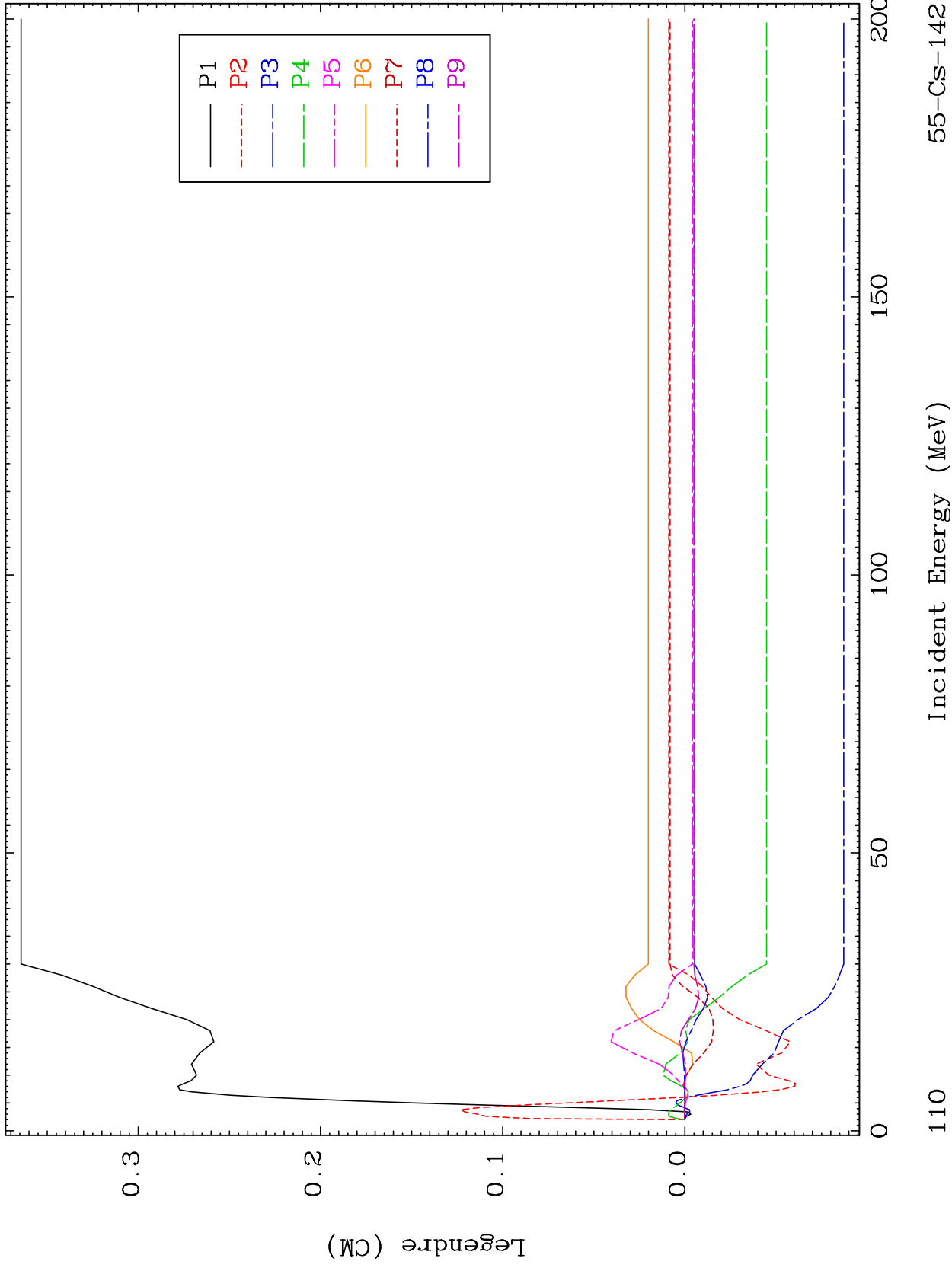
55-Cs-142



MAT 5552

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

55-Cs-142



55-Cs-142

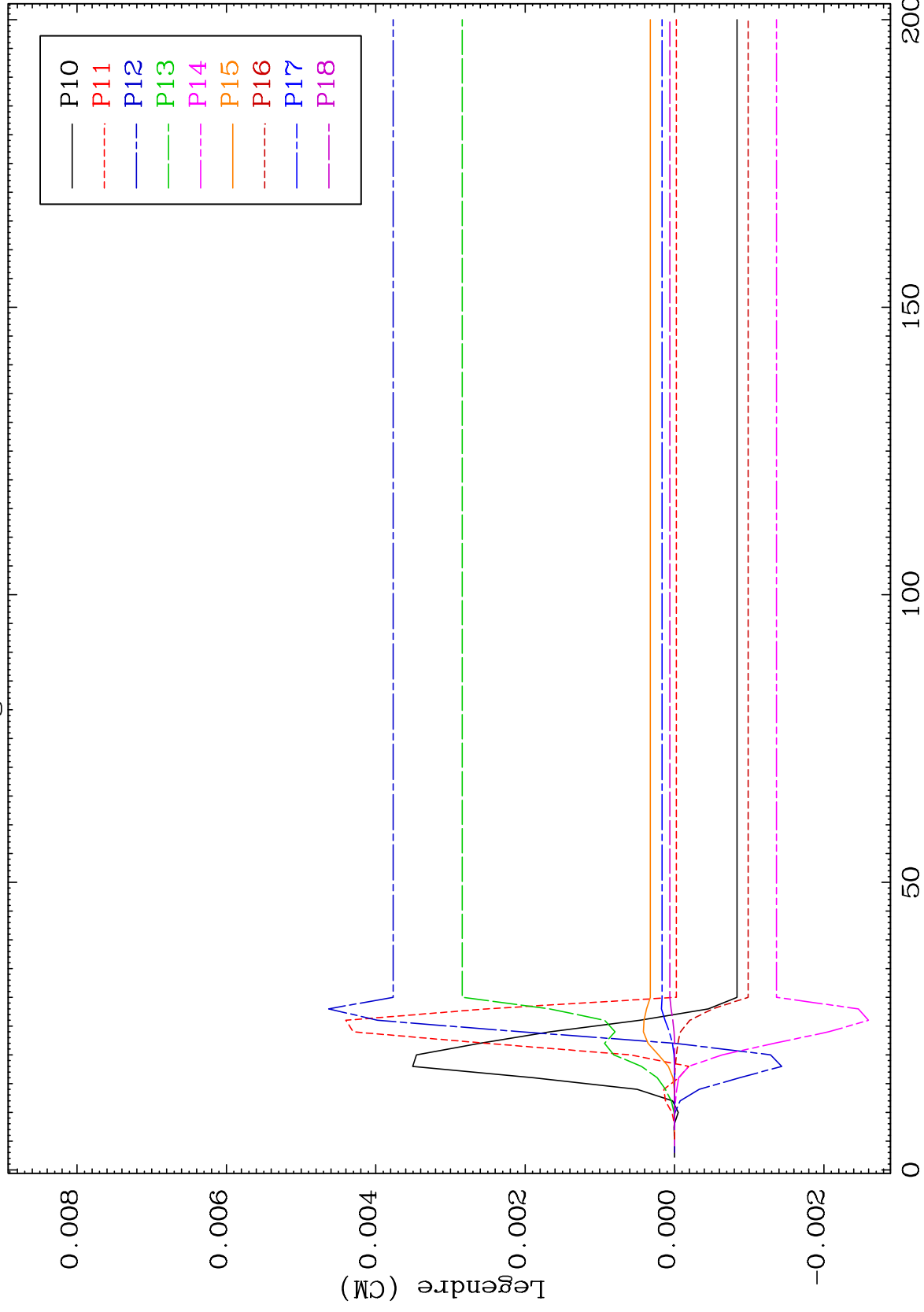
Incident Energy (MeV)

110

MAT 5552

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

55-Cs-142



111

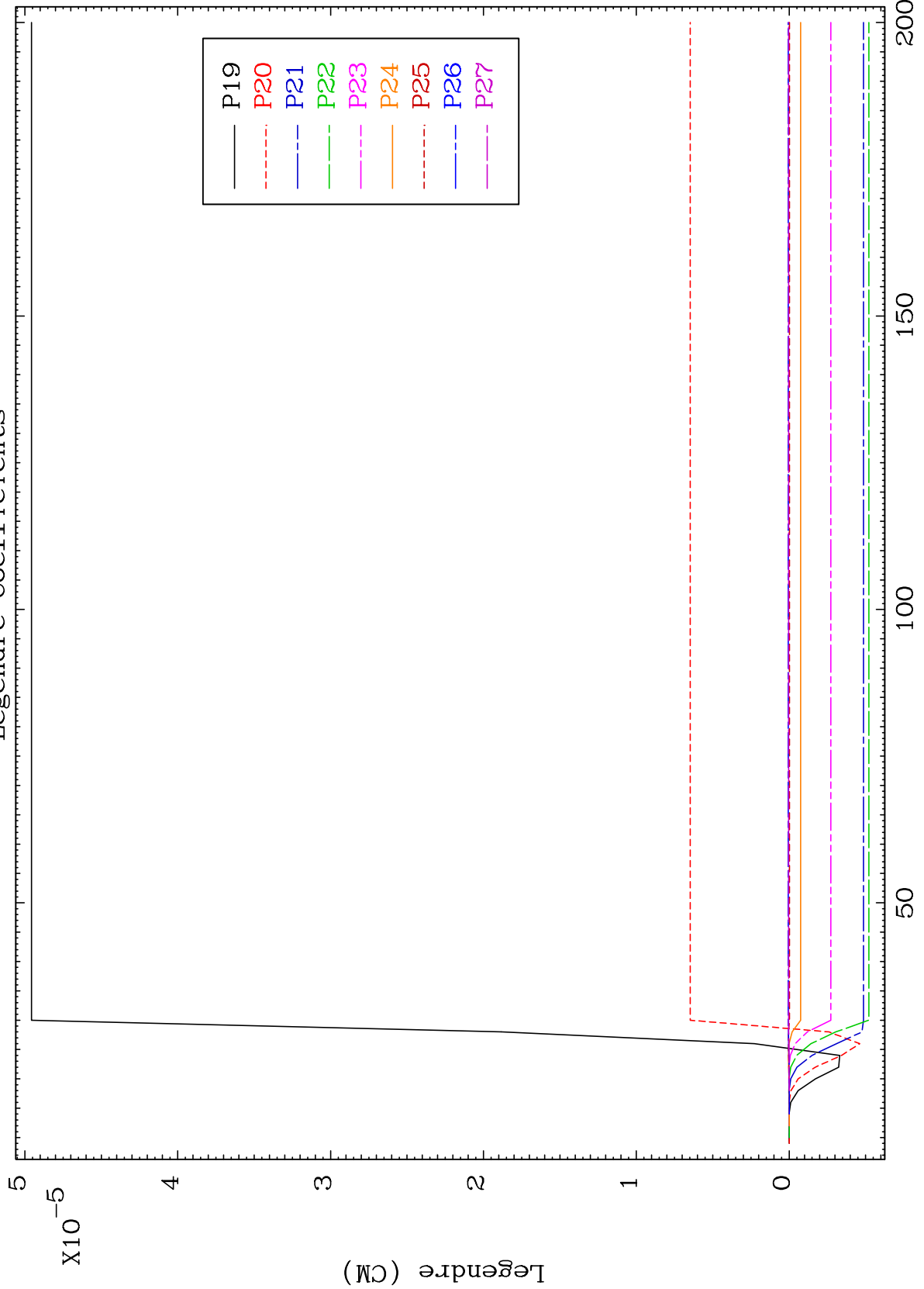
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



55-Cs-142

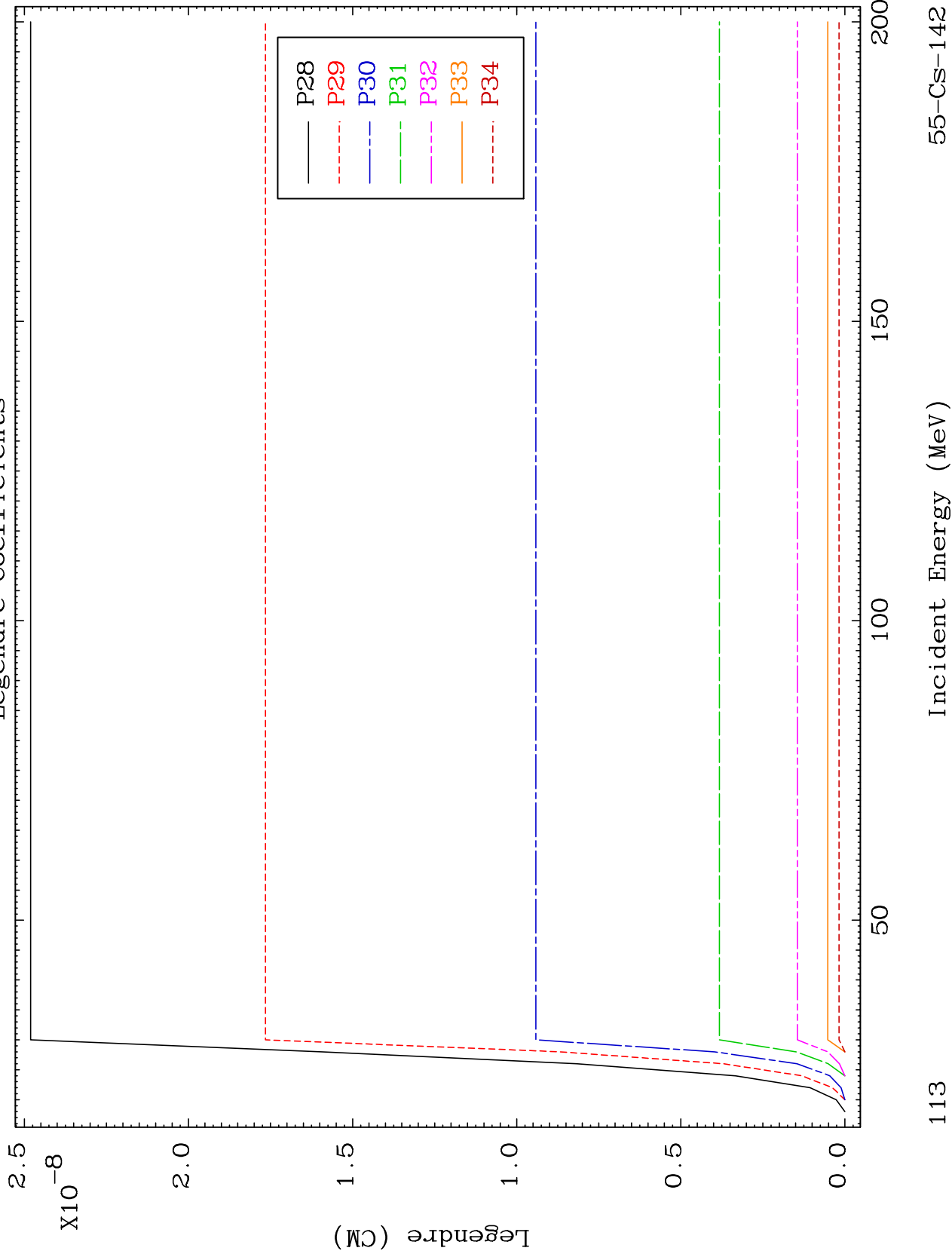
Incident Energy (MeV)

112

MAT 5552

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

55-Cs-142



113

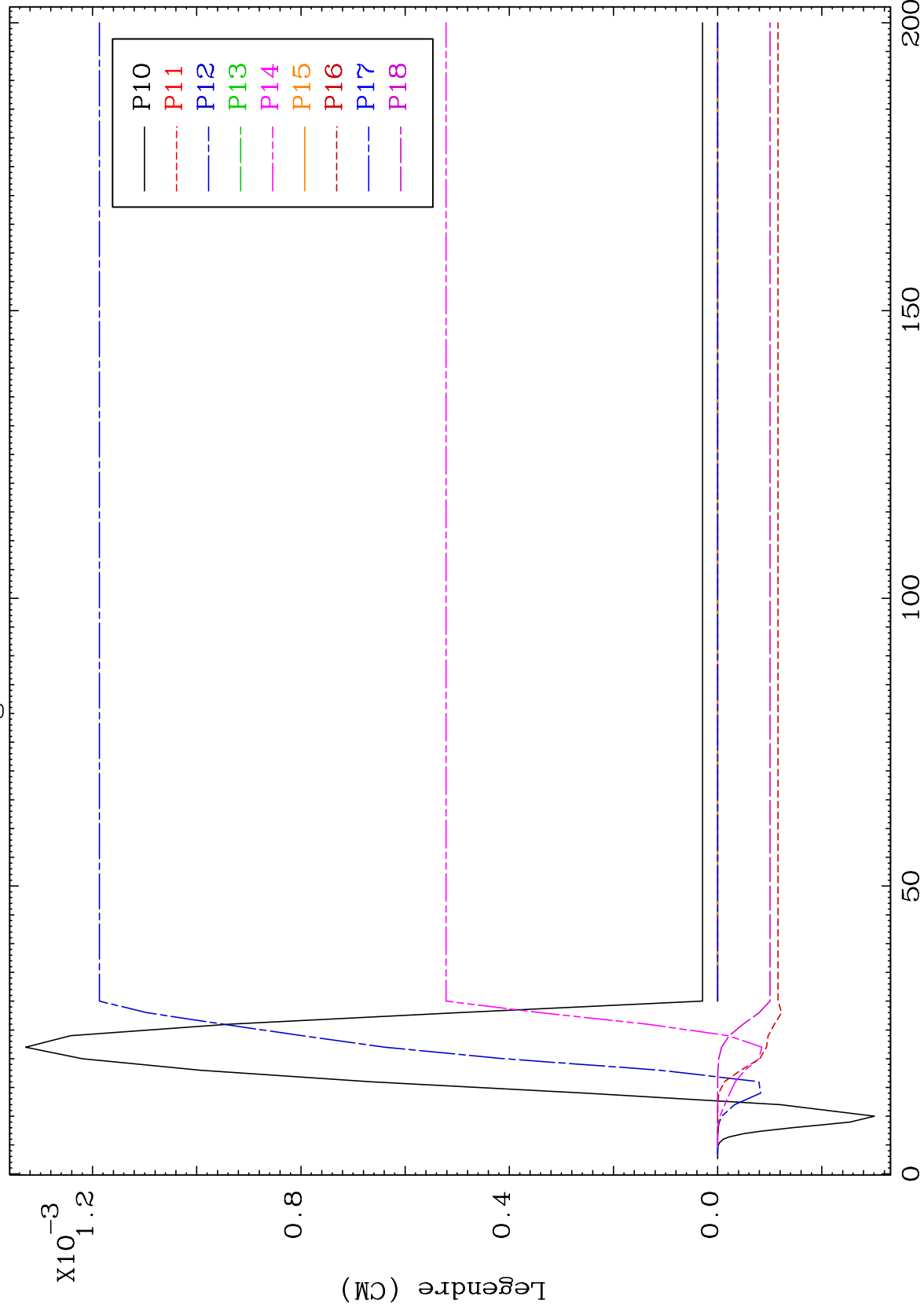
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

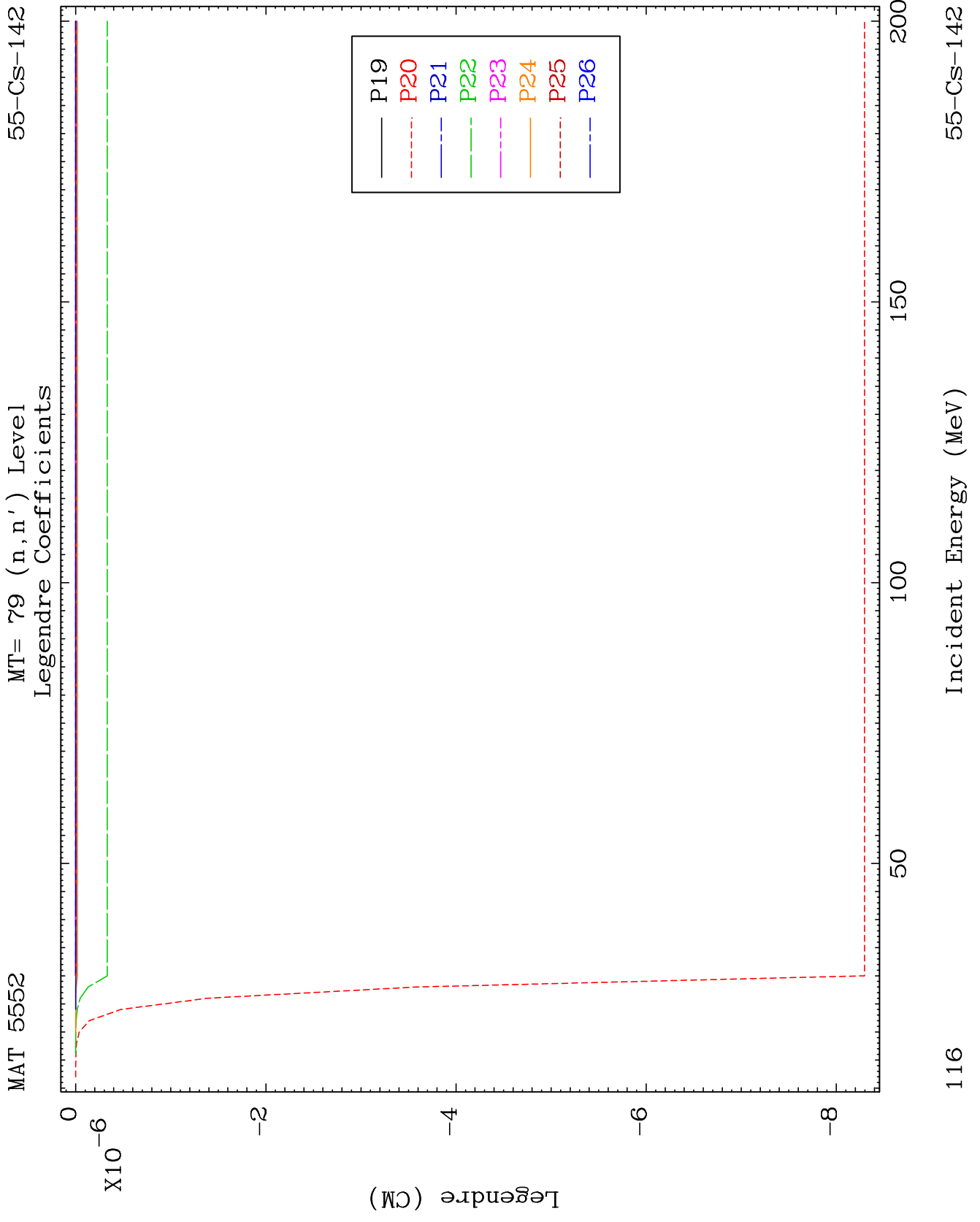
55-Cs-142



115

Incident Energy (MeV)

55-Cs-142

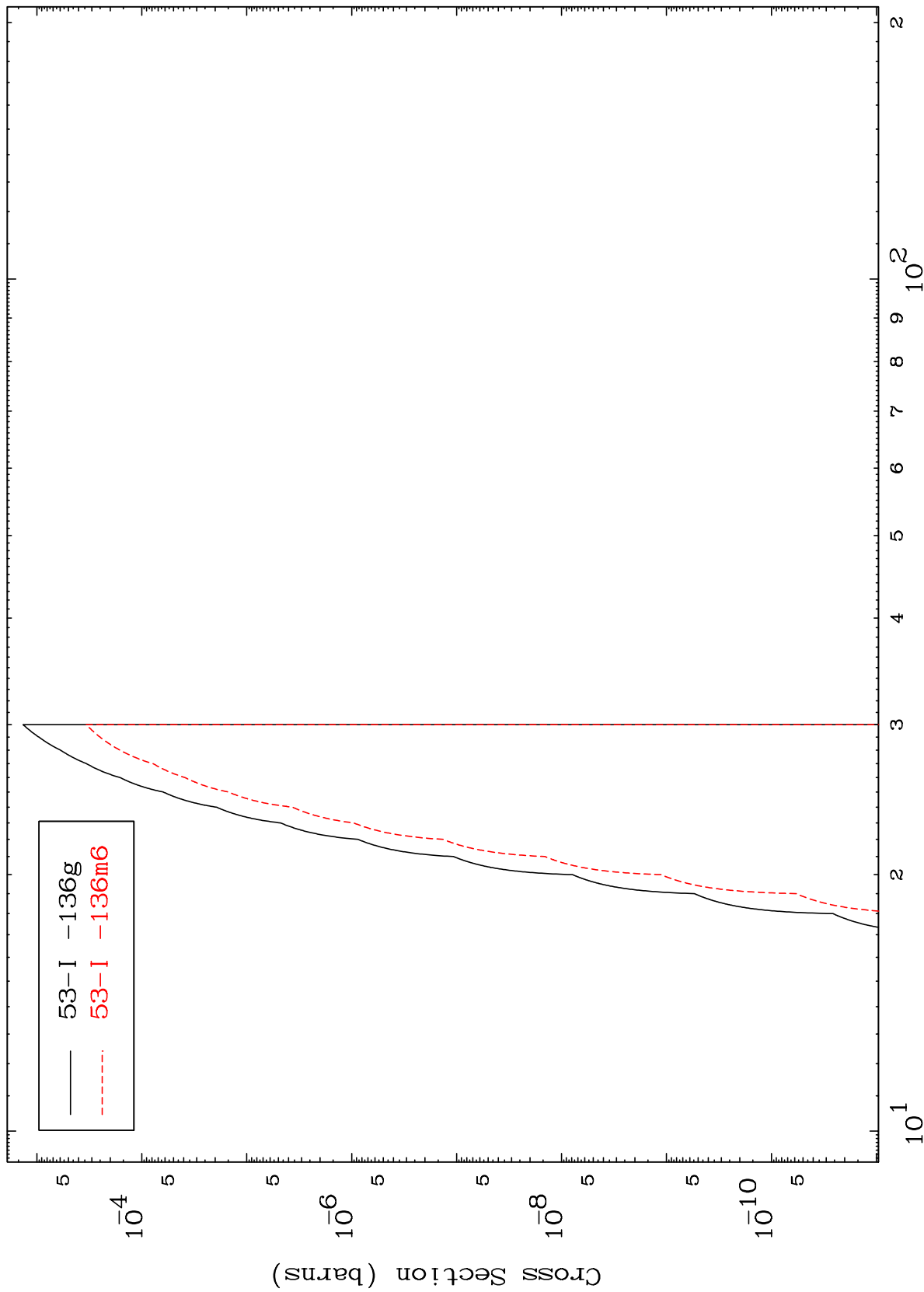


MAT 5552

(n,3n) α

55-Cs-142

Radionuclide Production Cross Section



117

Incident Energy (MeV)

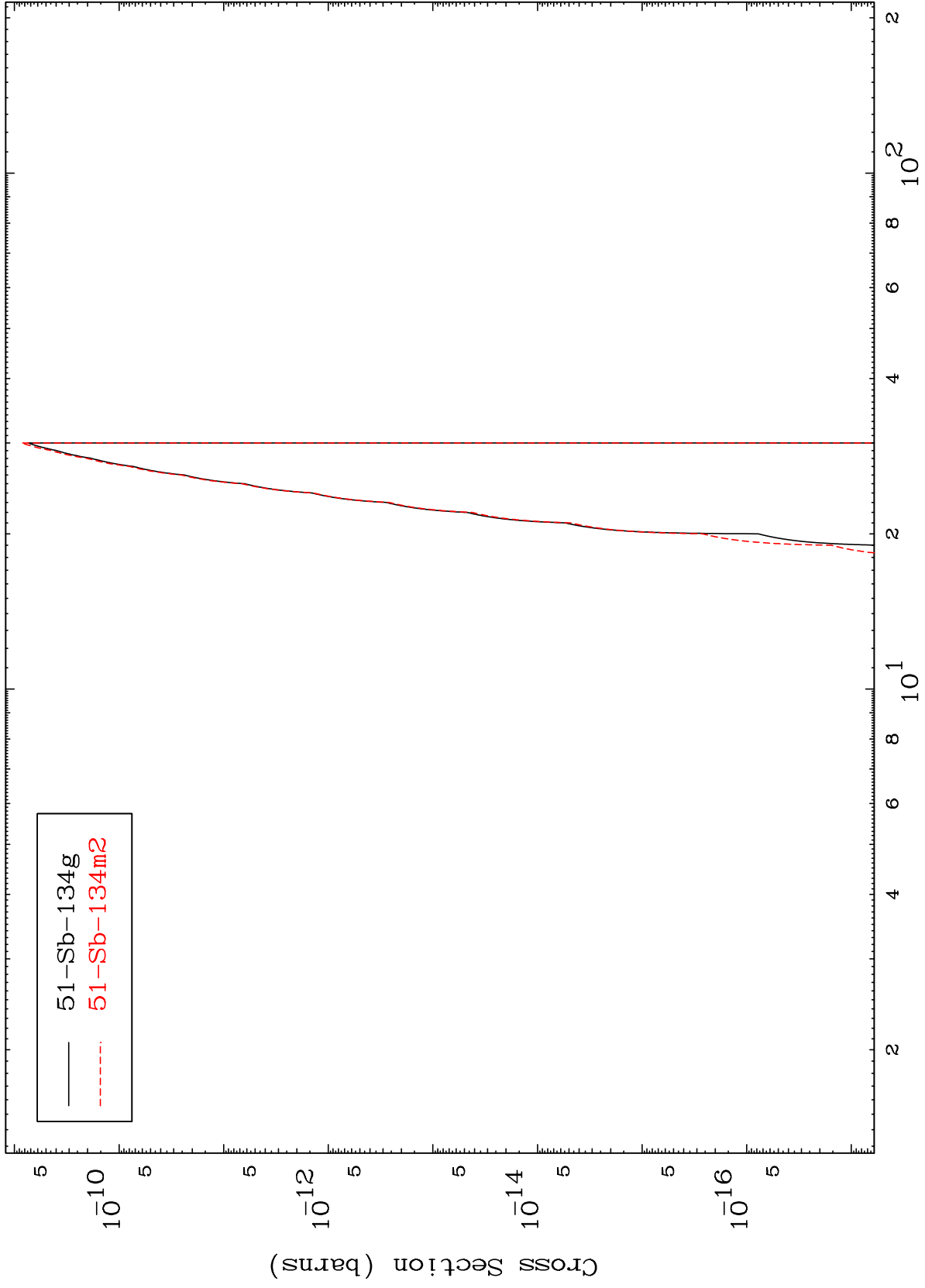
55-Cs-142

MAT 5552

(n,n') 2α

55-Cs-142

Radionuclide Production Cross Section



118

Incident Energy (MeV)

55-Cs-142