

Program EVALPLOT  
(Version 2018-1)

by

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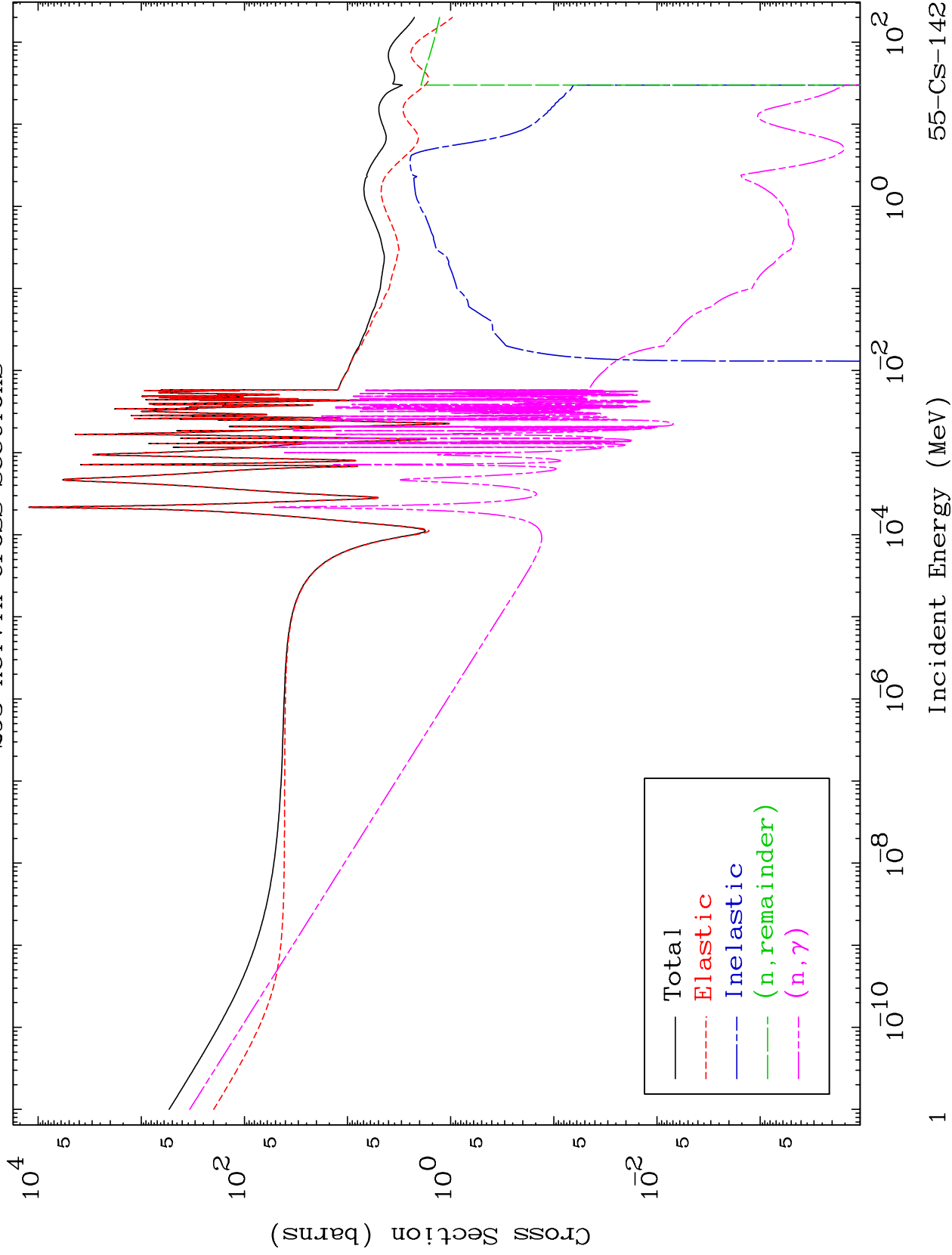
Press Mouse Button to Start

MAT 5552

Major

293 Kelvin Cross Sections

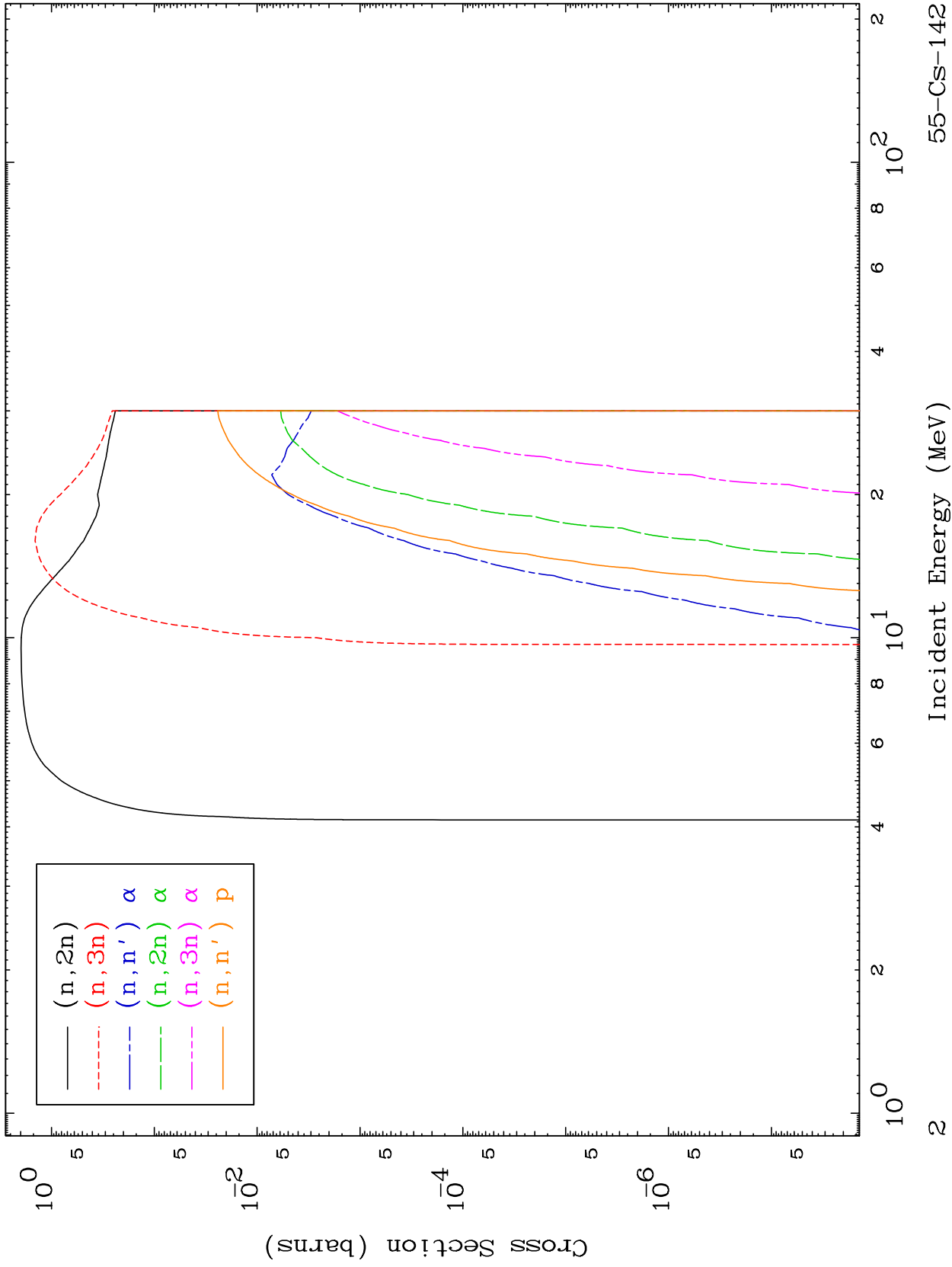
55-Cs-142



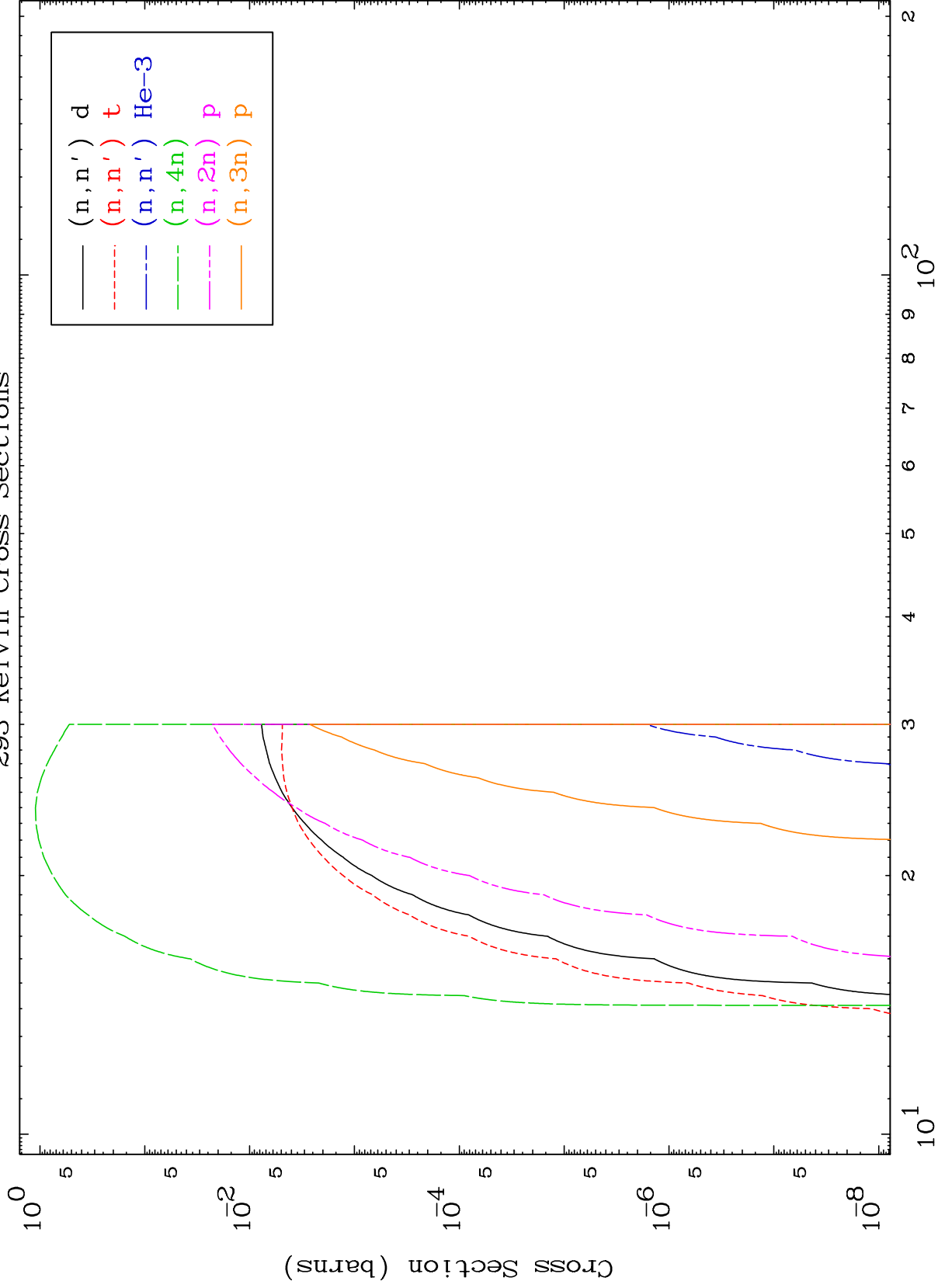
MAT 5552

Neutron Production  
293 Kelvin Cross Sections

55-Cs-142



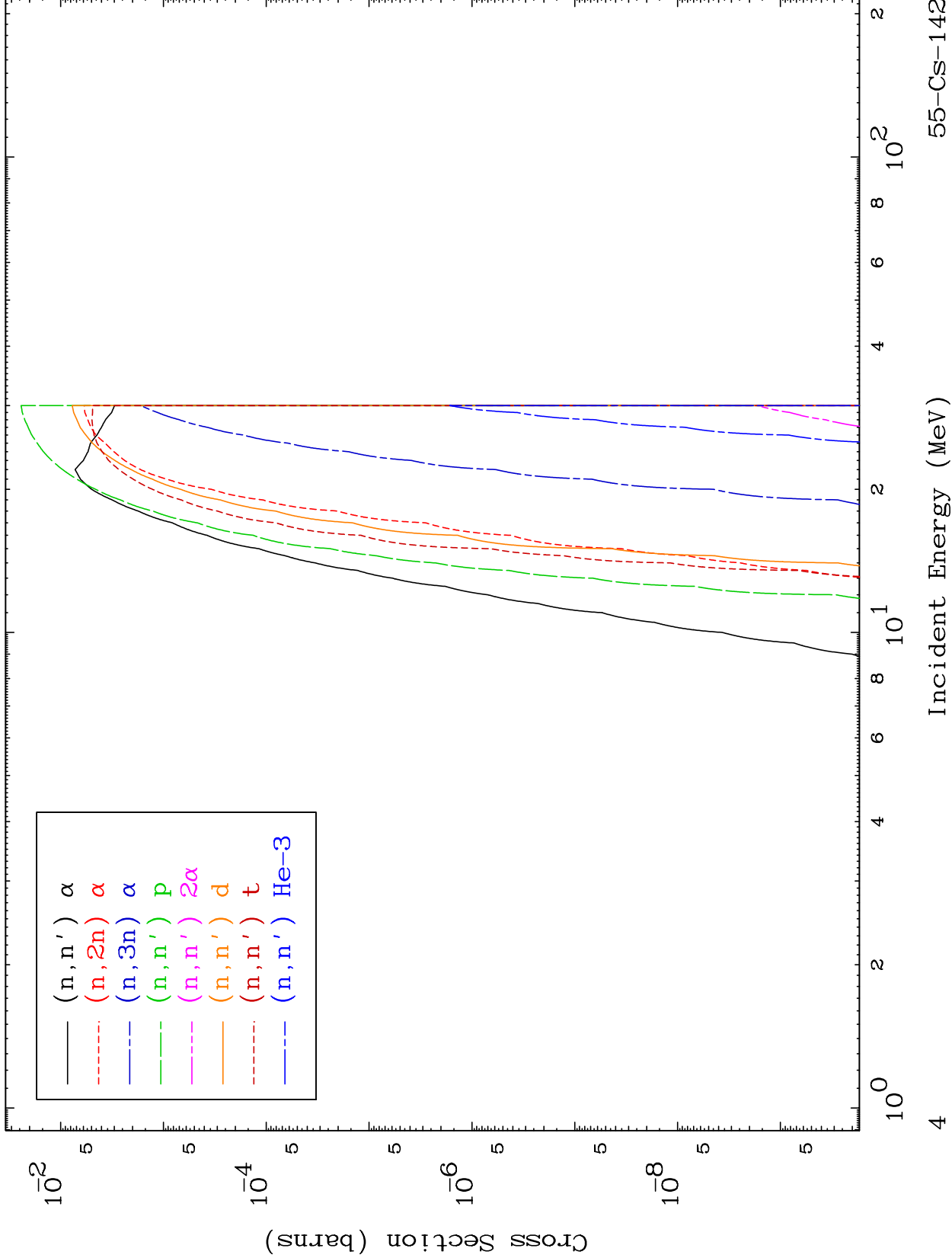
55-Cs-142



MAT 5552

Charged Particle  
293 Kelvin Cross Sections

55-Cs-142

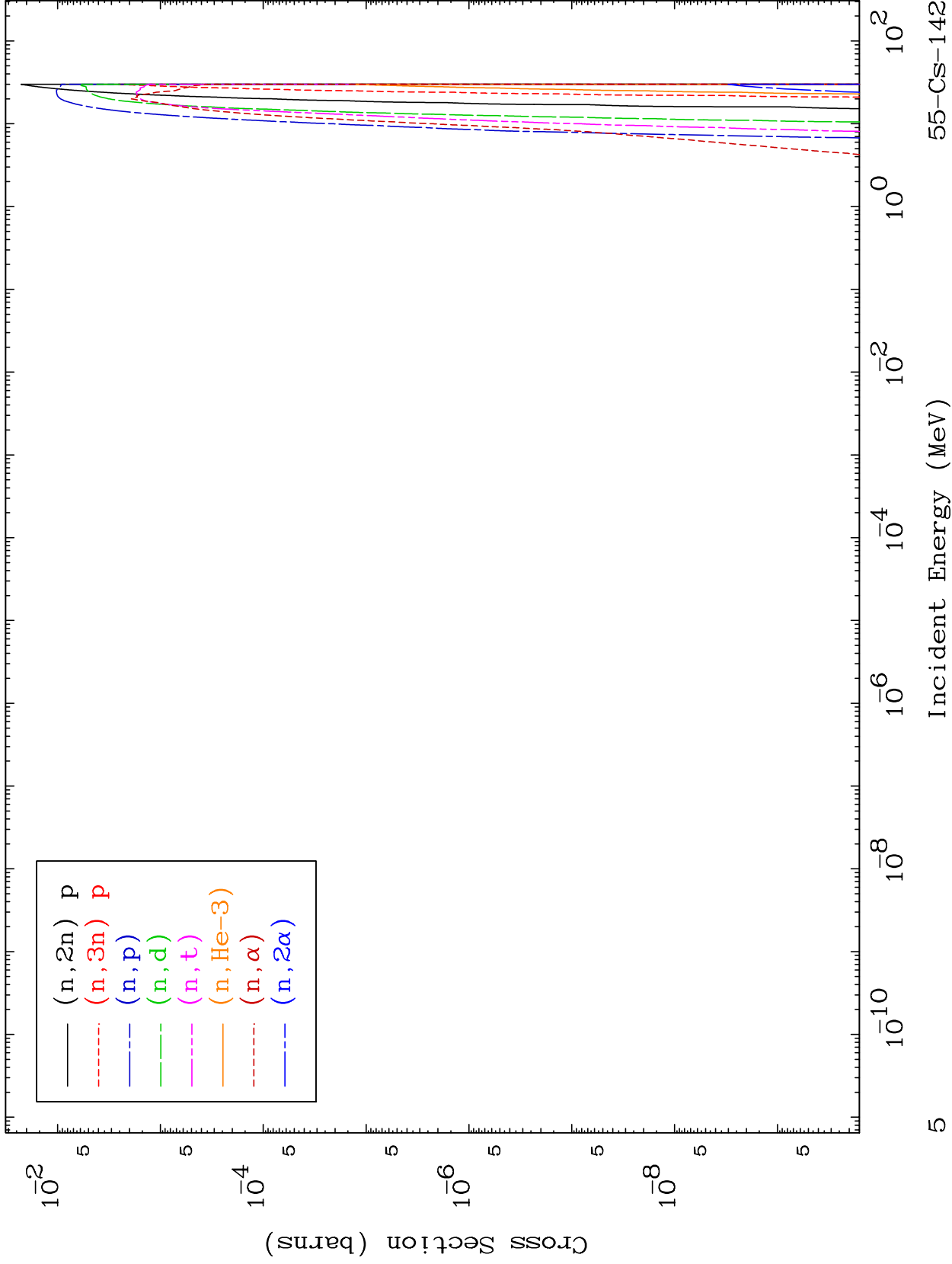


55-Cs-142

MAT 5552

Charged Particle  
293 Kelvin Cross Sections

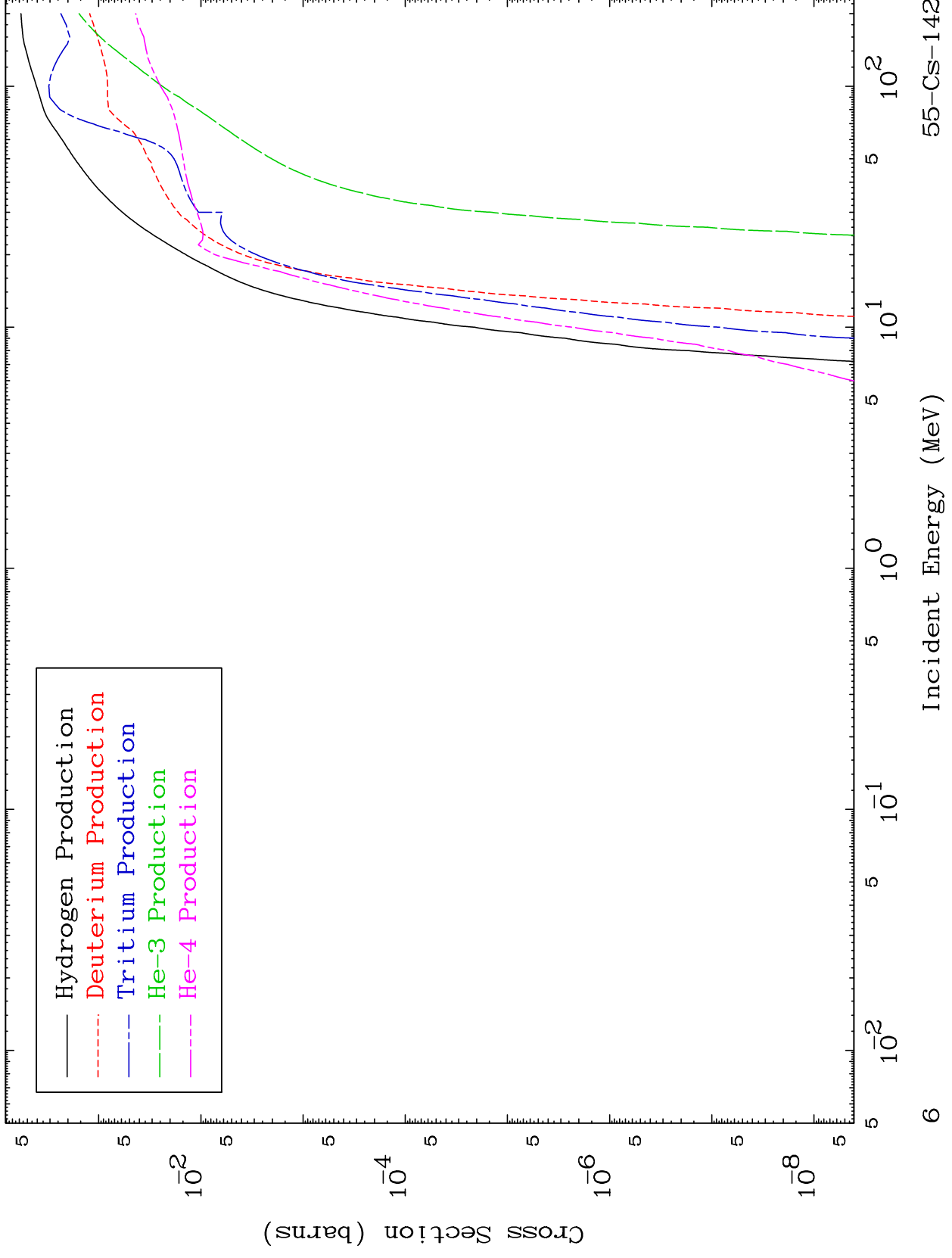
55-Cs-142



MAT 5552

Particle Production  
293 Kelvin Cross Sections

55-Cs-142

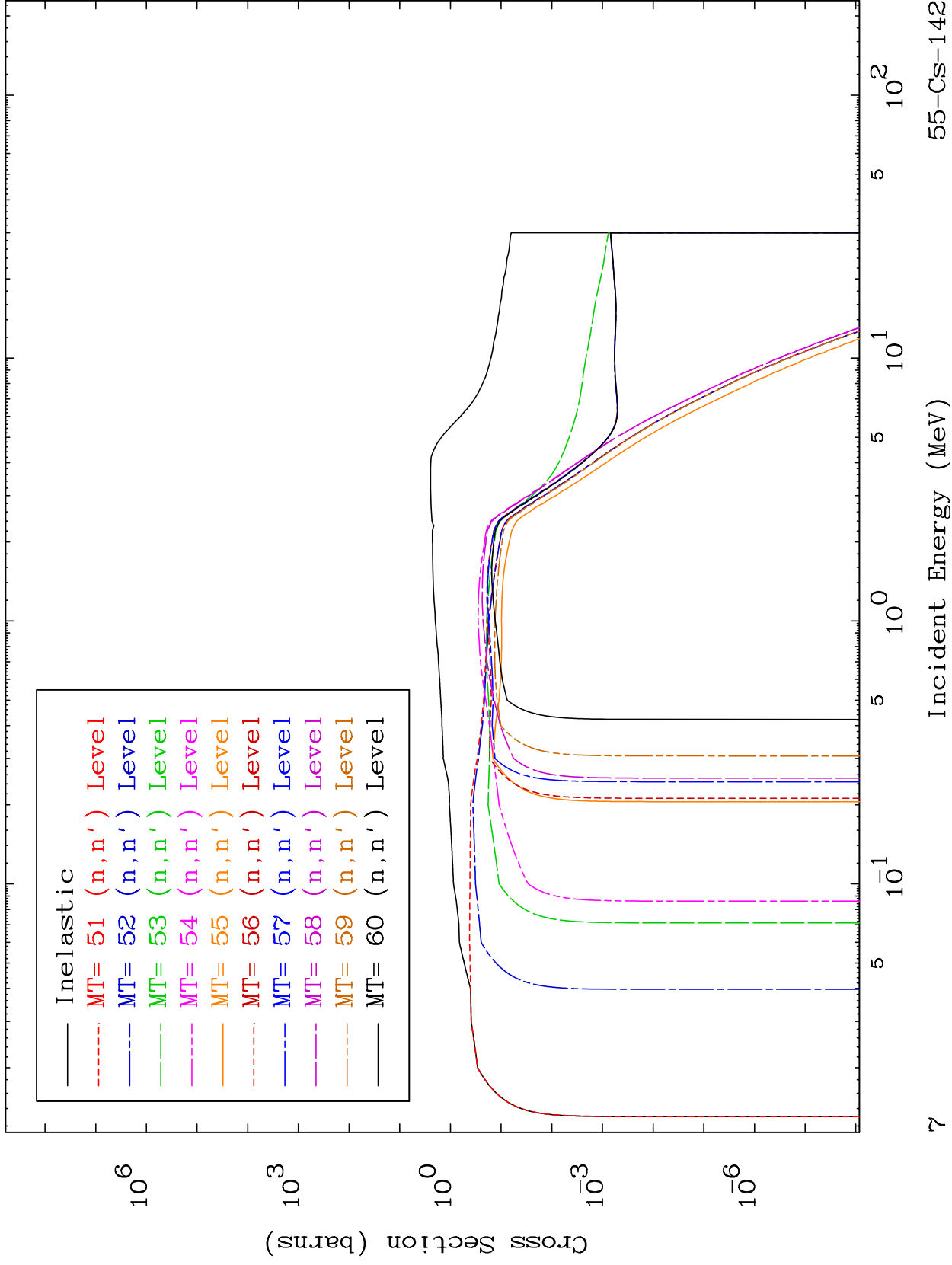


55-Cs-142

MAT 5552

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-142



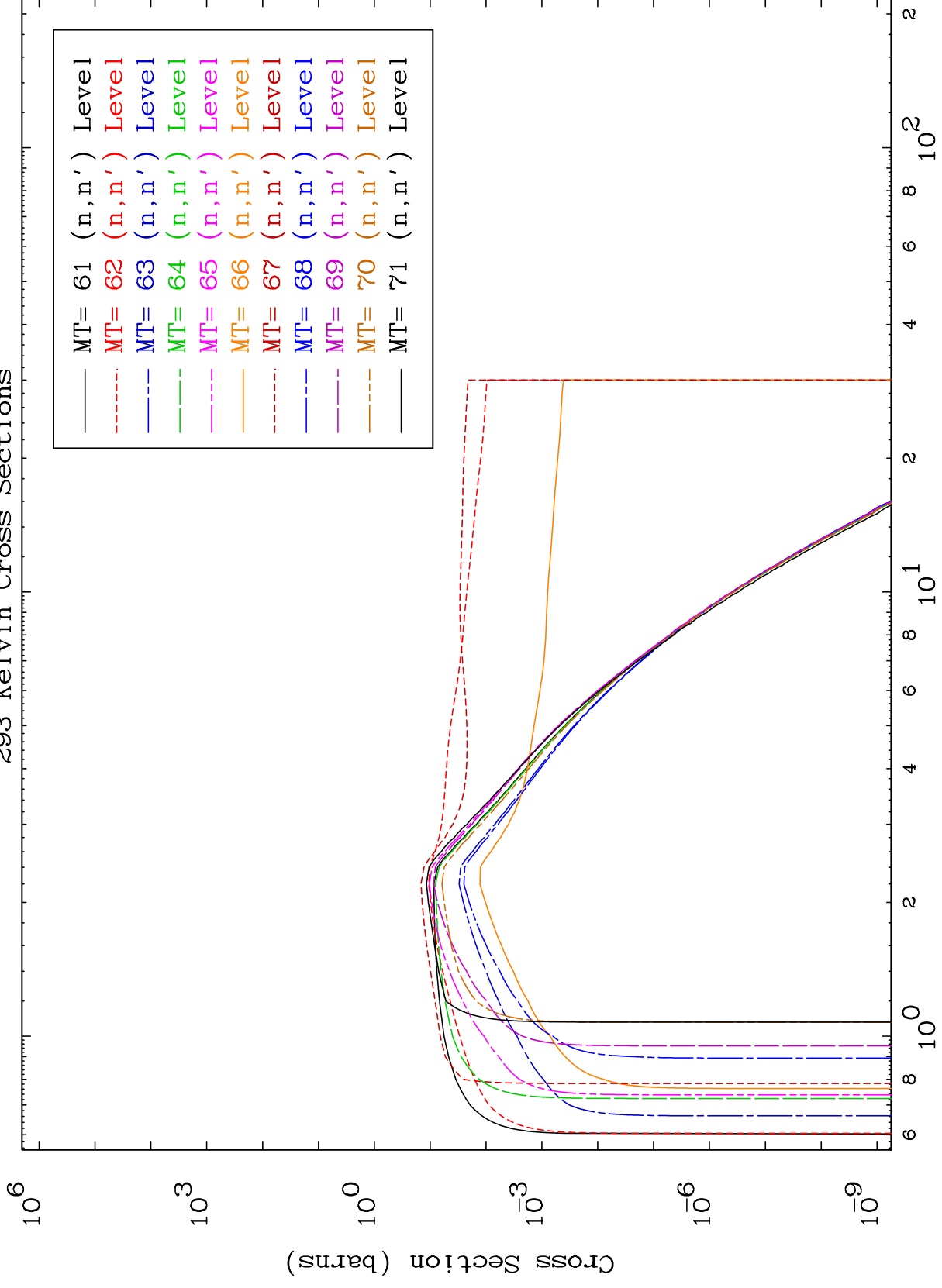


MAT 5552

(n,n') Level

293 Kelvin Cross Sections

55-Cs-142

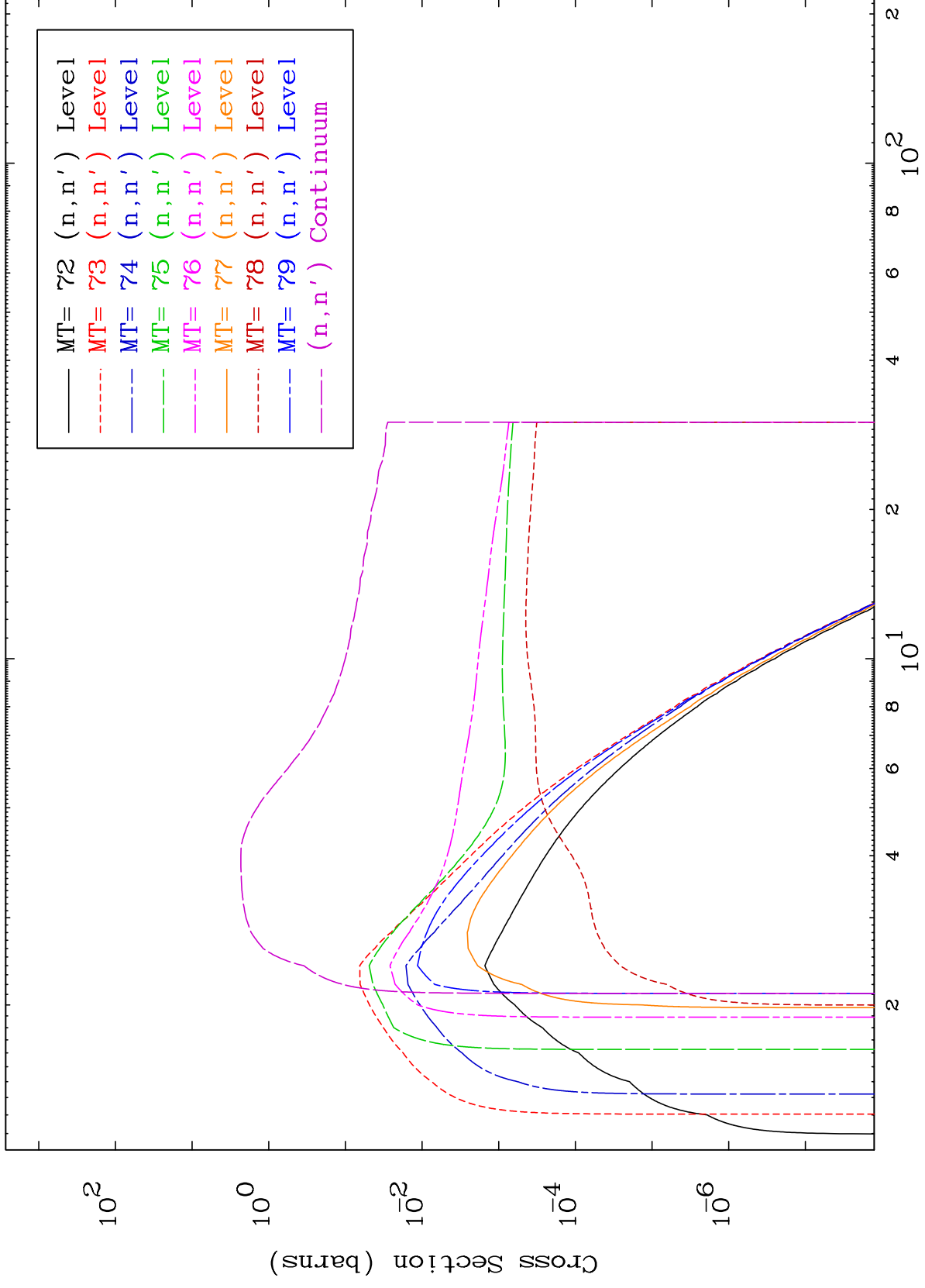


Incident Energy (MeV)

55-Cs-142

8

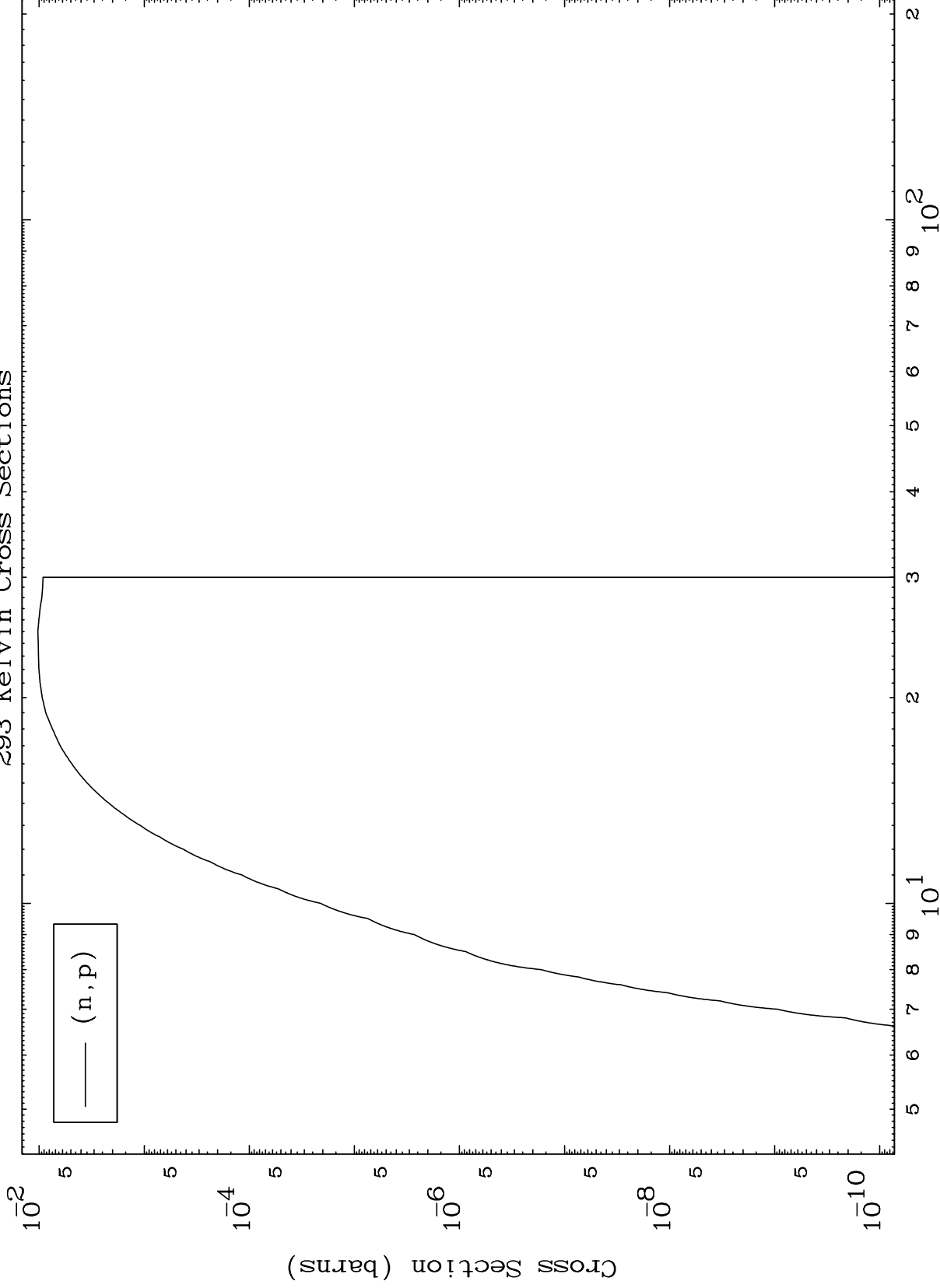
293 Kelvin Cross Sections



MAT 5552

(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-142



10

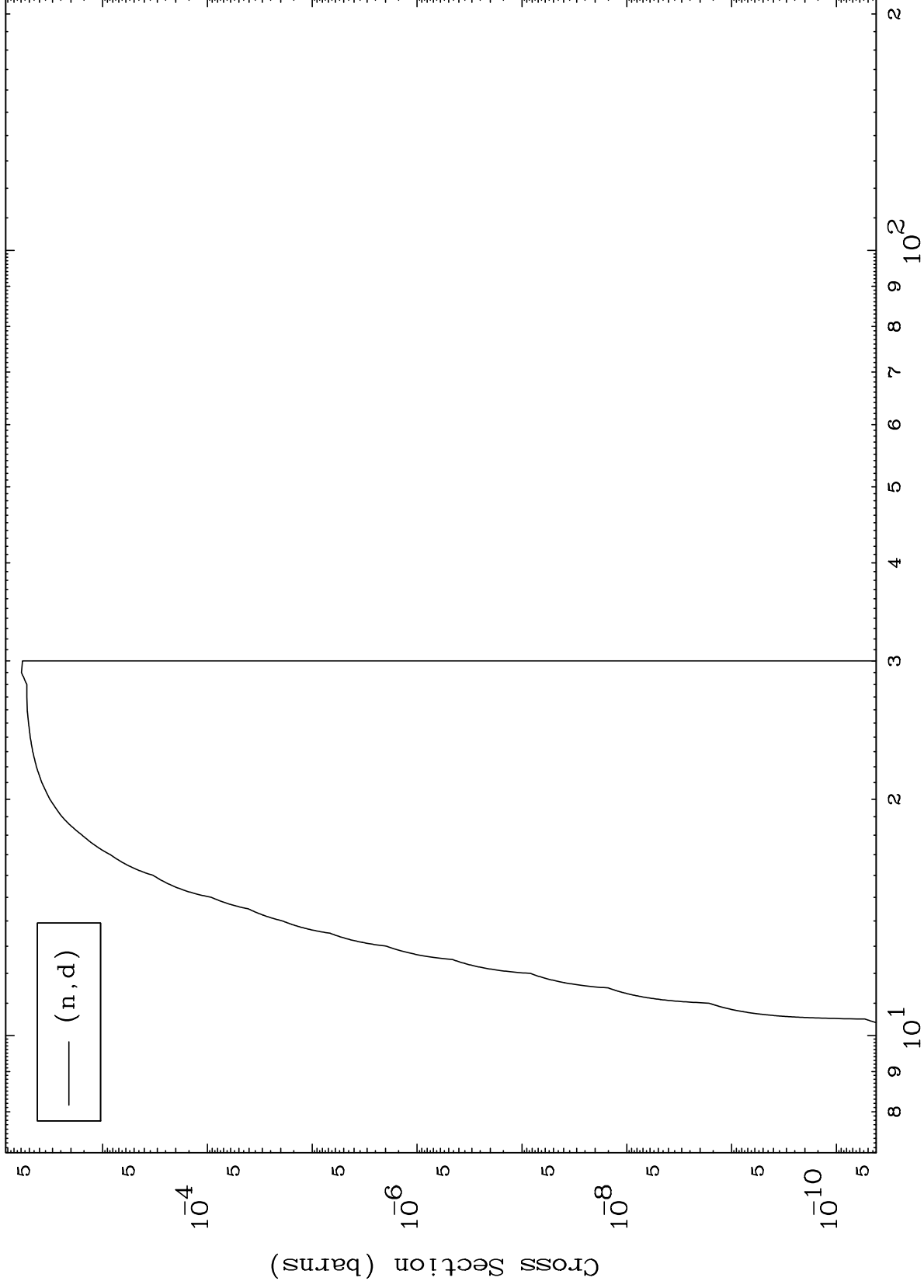
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-142



11

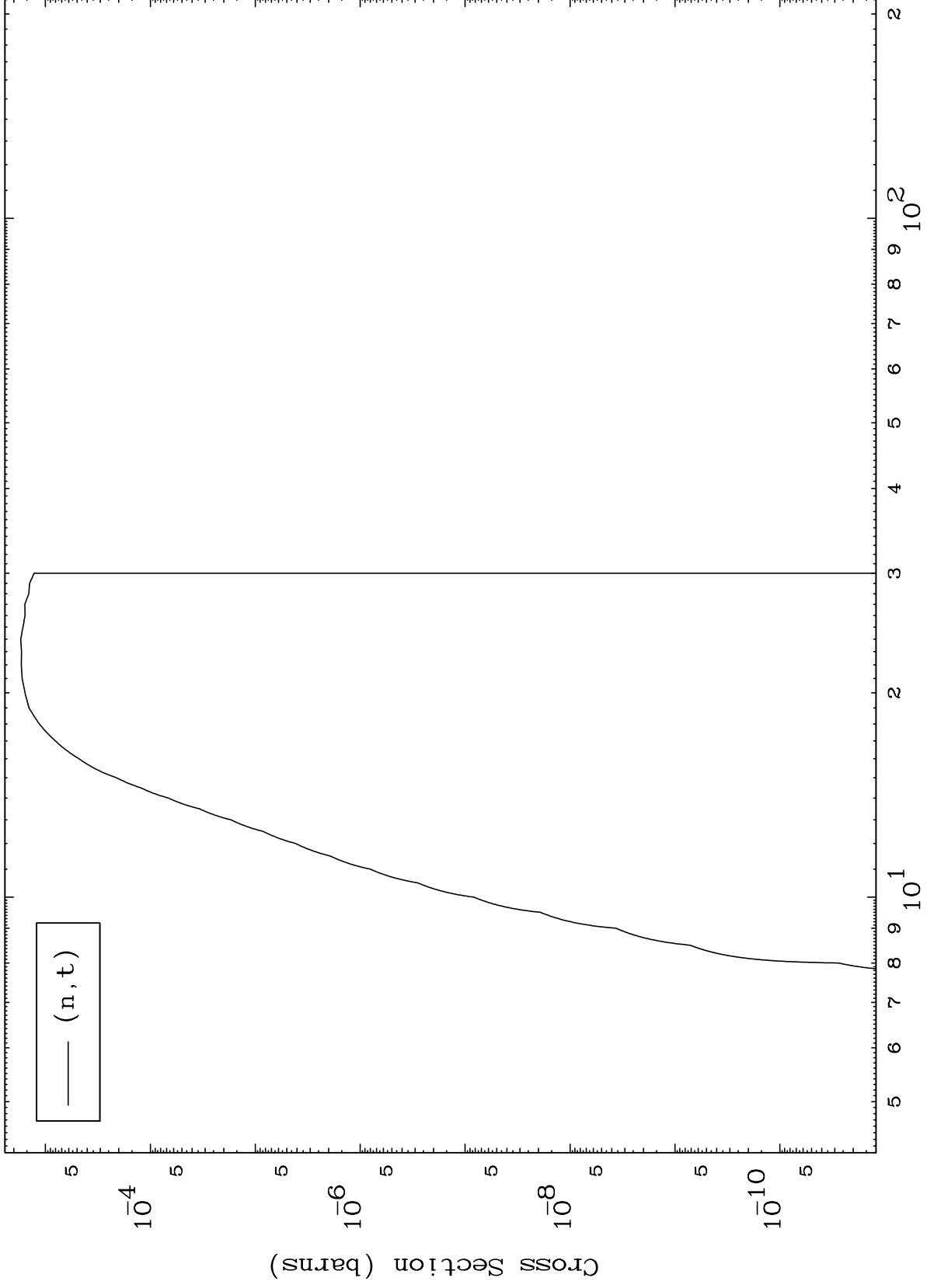
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,t) Levels  
293 Kelvin Cross Sections

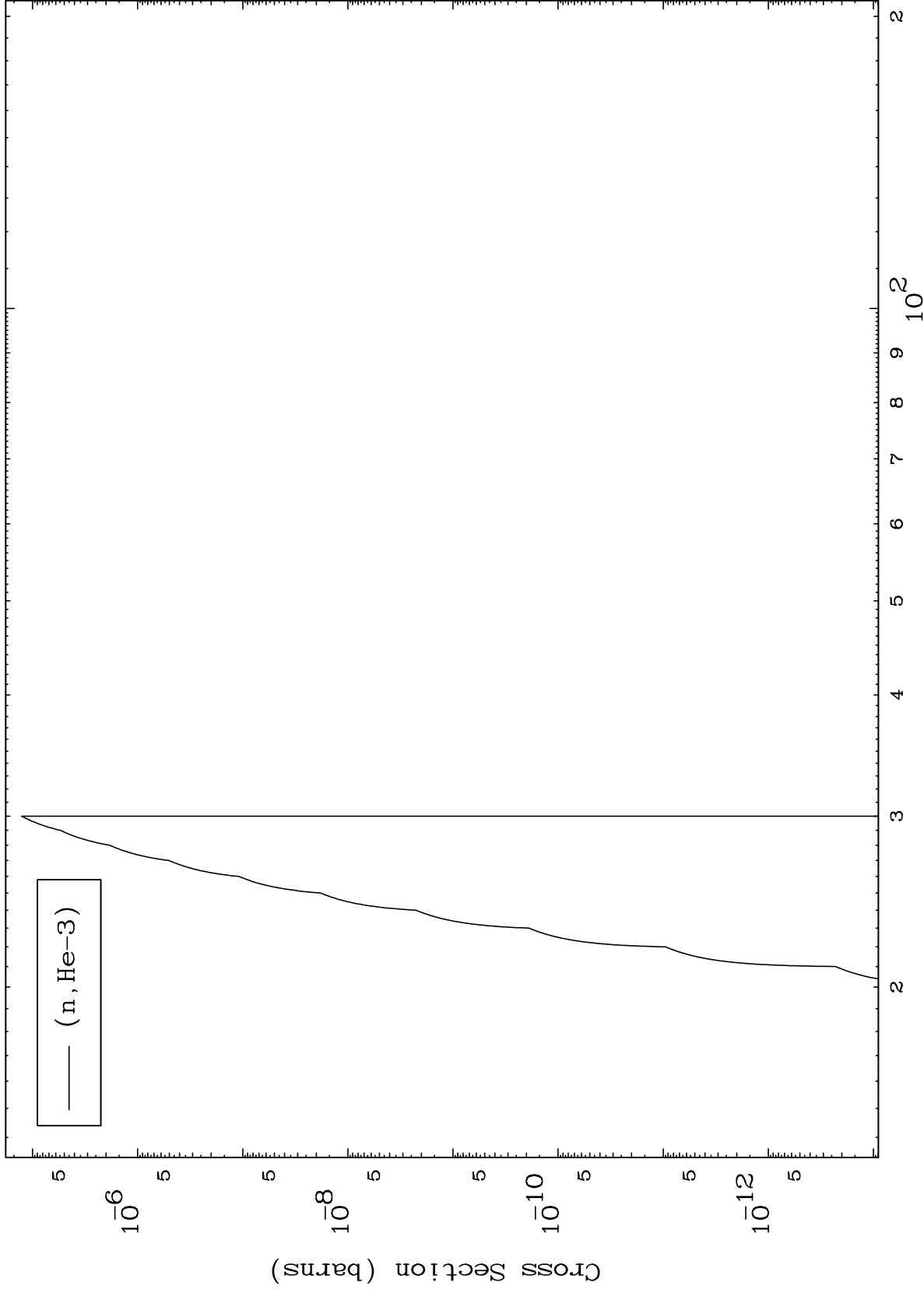
55-Cs-142



12

Incident Energy (MeV)

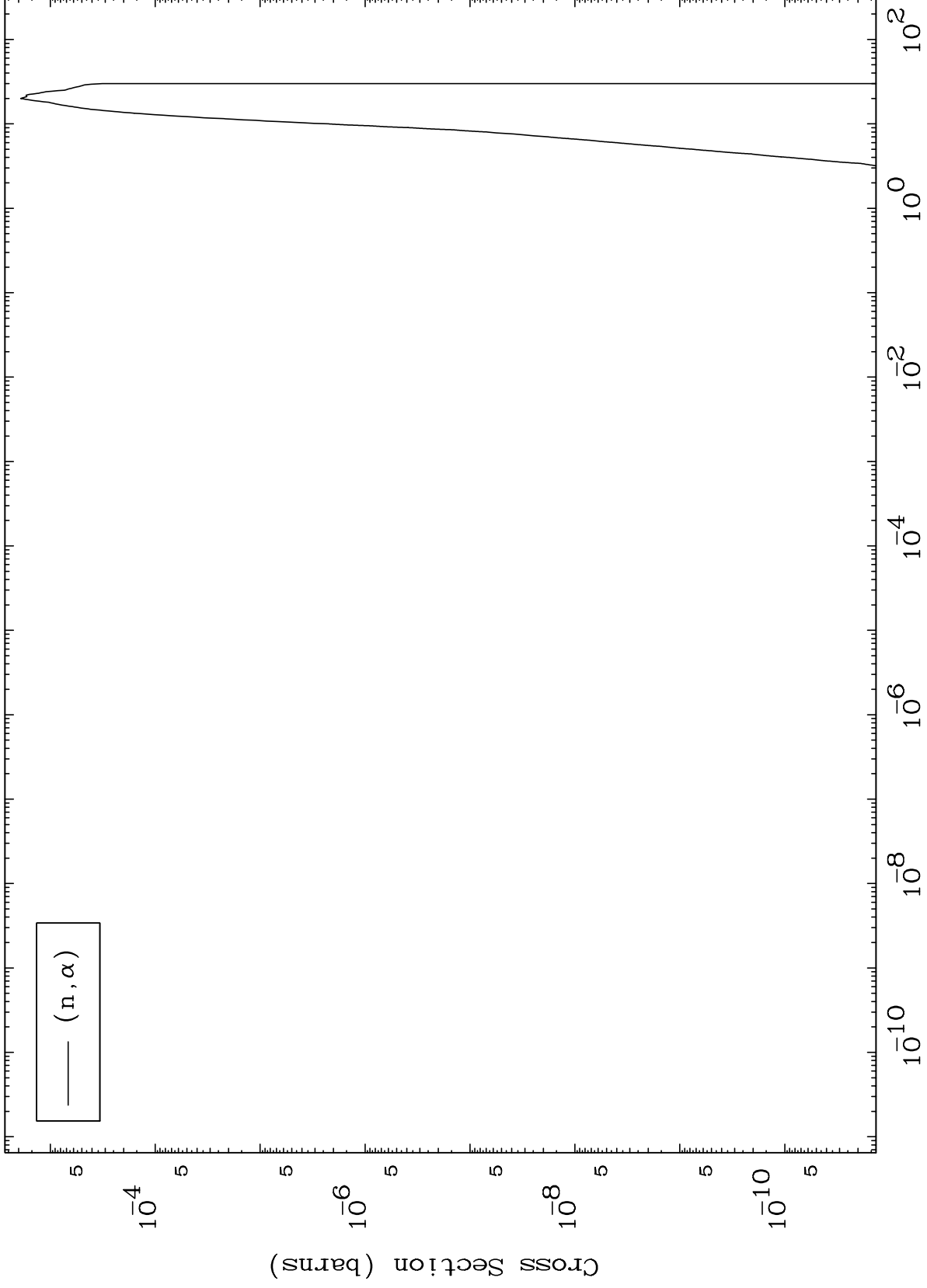
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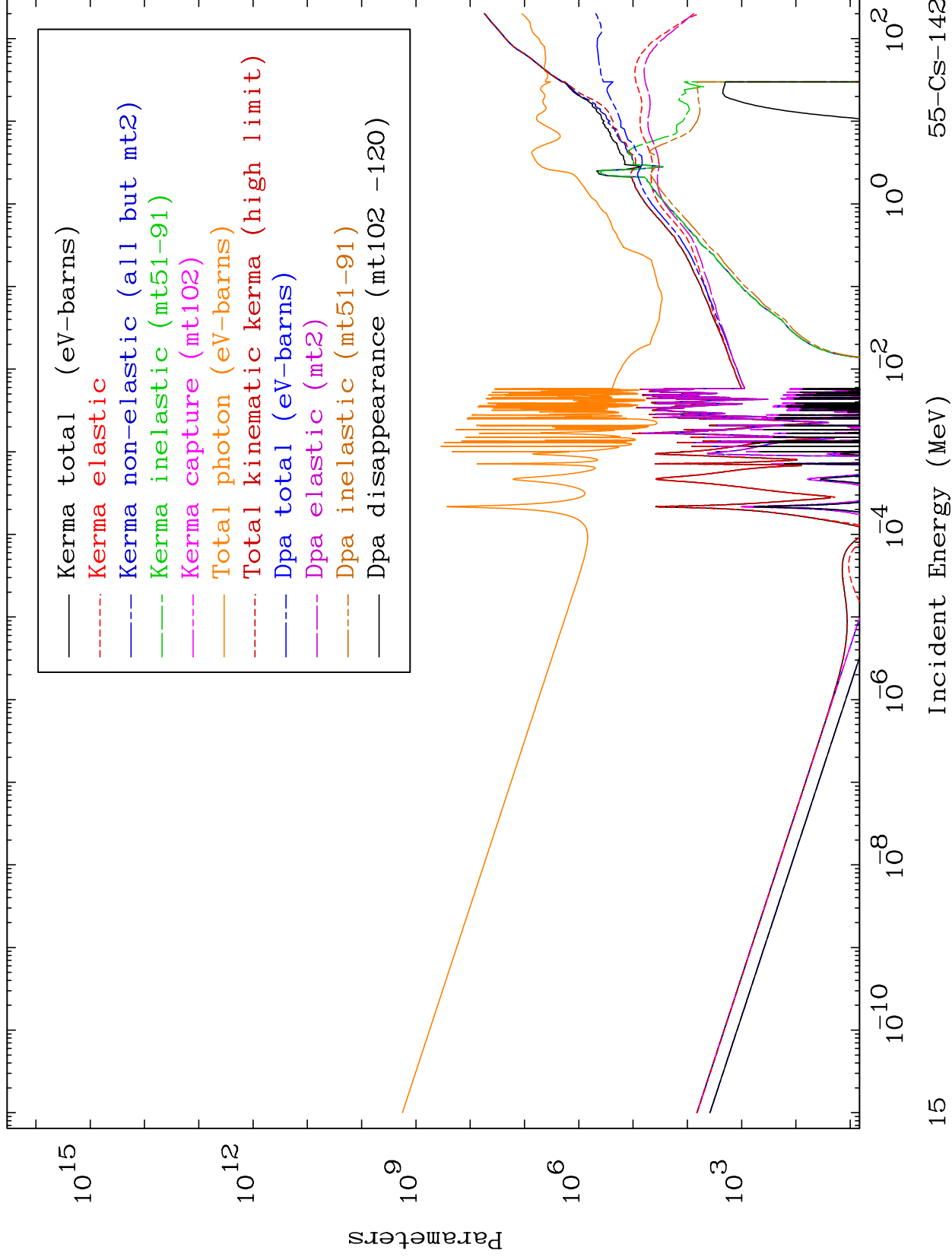


MAT 5552

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

55-Cs-142



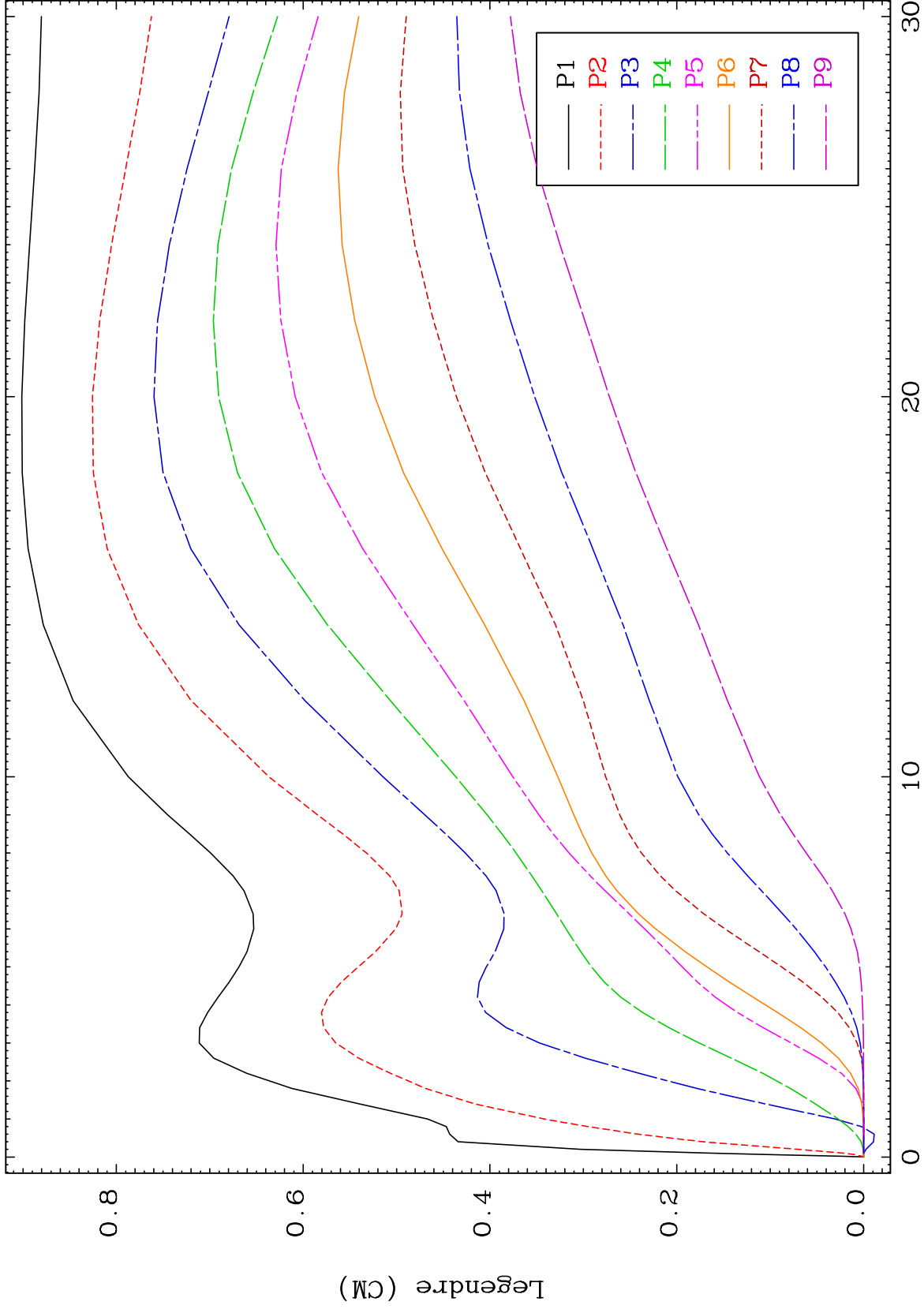




MAT 5552

Elastic Legendre Coefficients

55-Cs-142



16

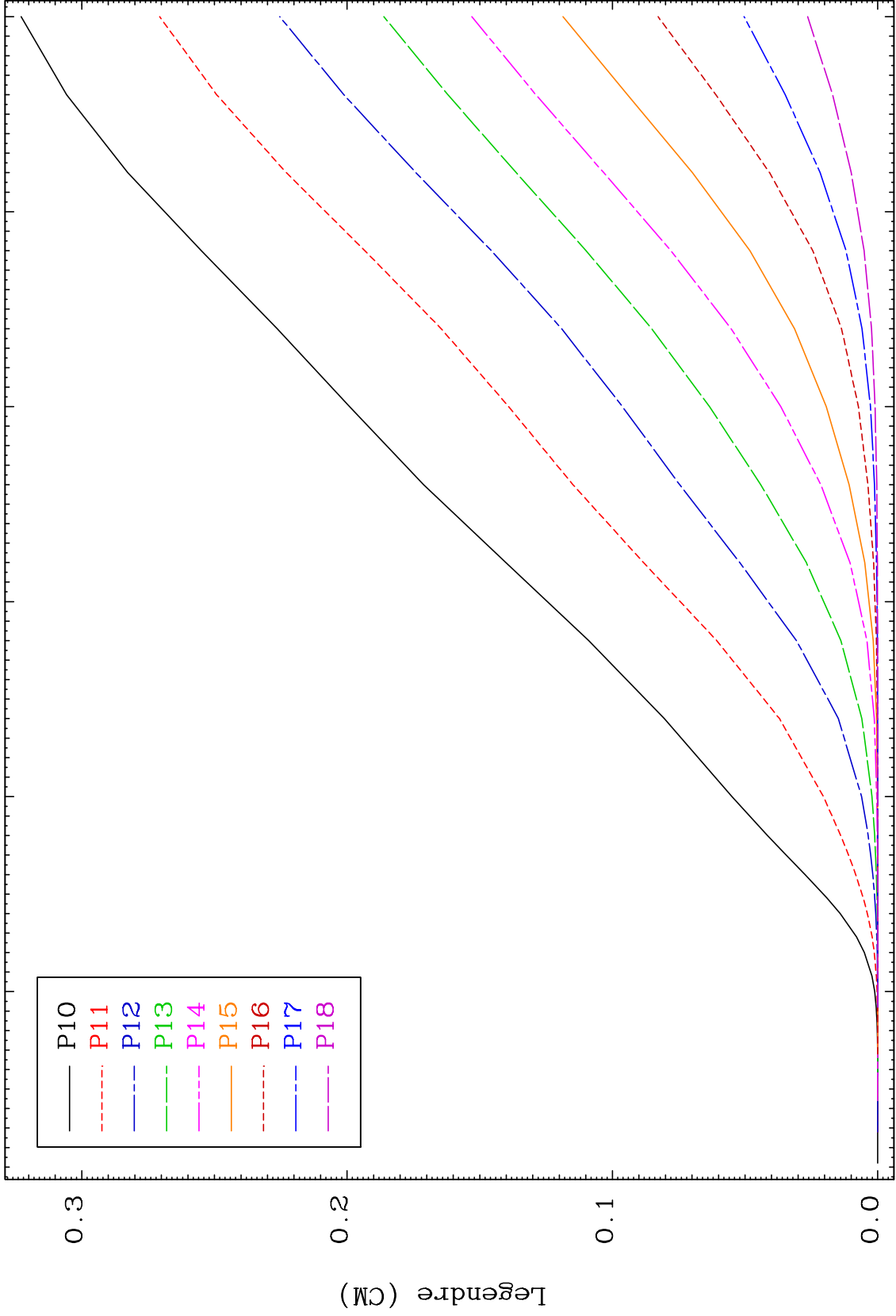
Incident Energy (MeV)

55-Cs-142

MAT 5552

Elastic Legendre Coefficients

55-Cs-142



17

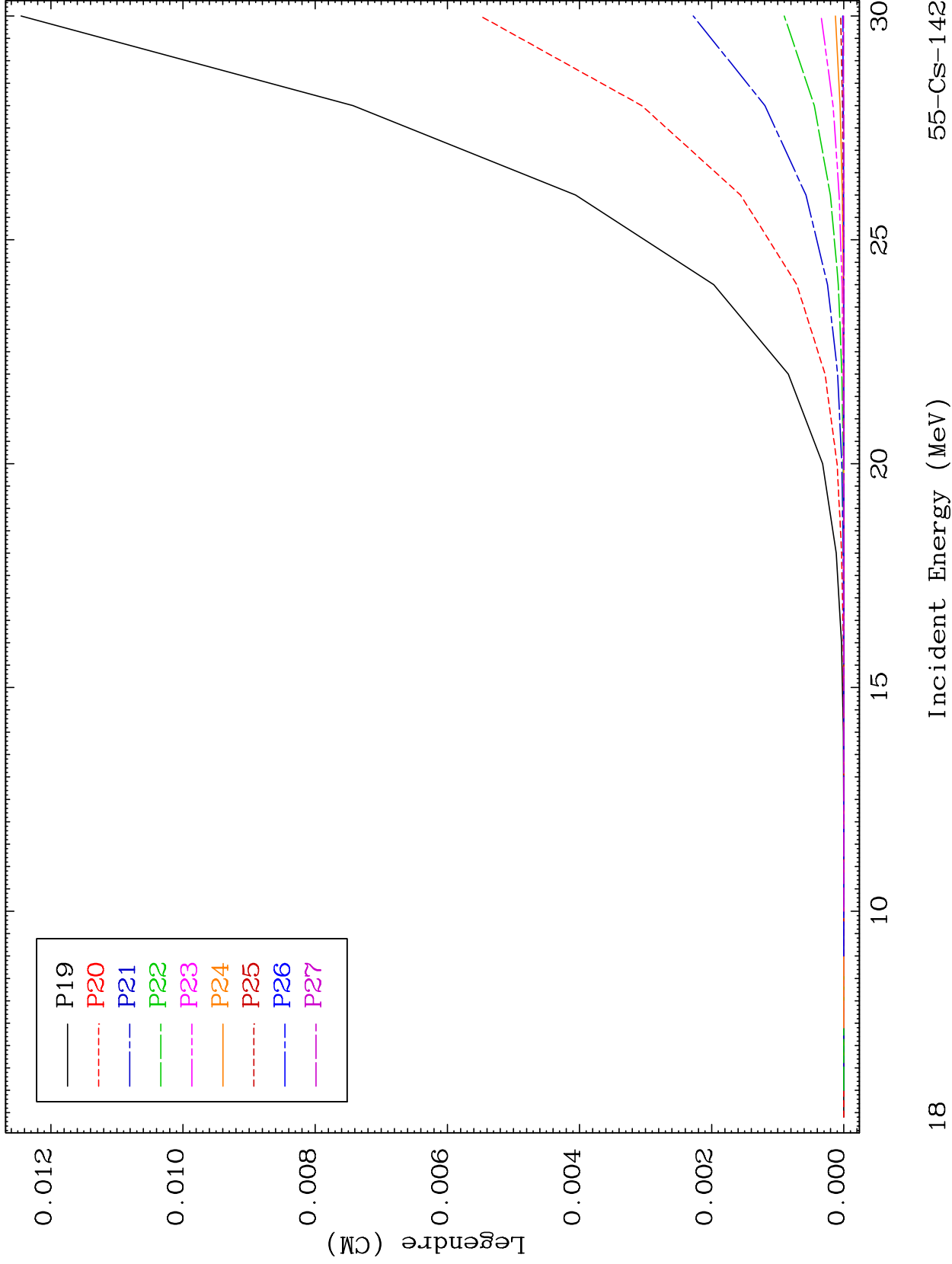
Incident Energy (MeV)

55-Cs-142

MAT 5552

### Elastic Legendre Coefficients

55-Cs-142



18

Incident Energy (MeV)

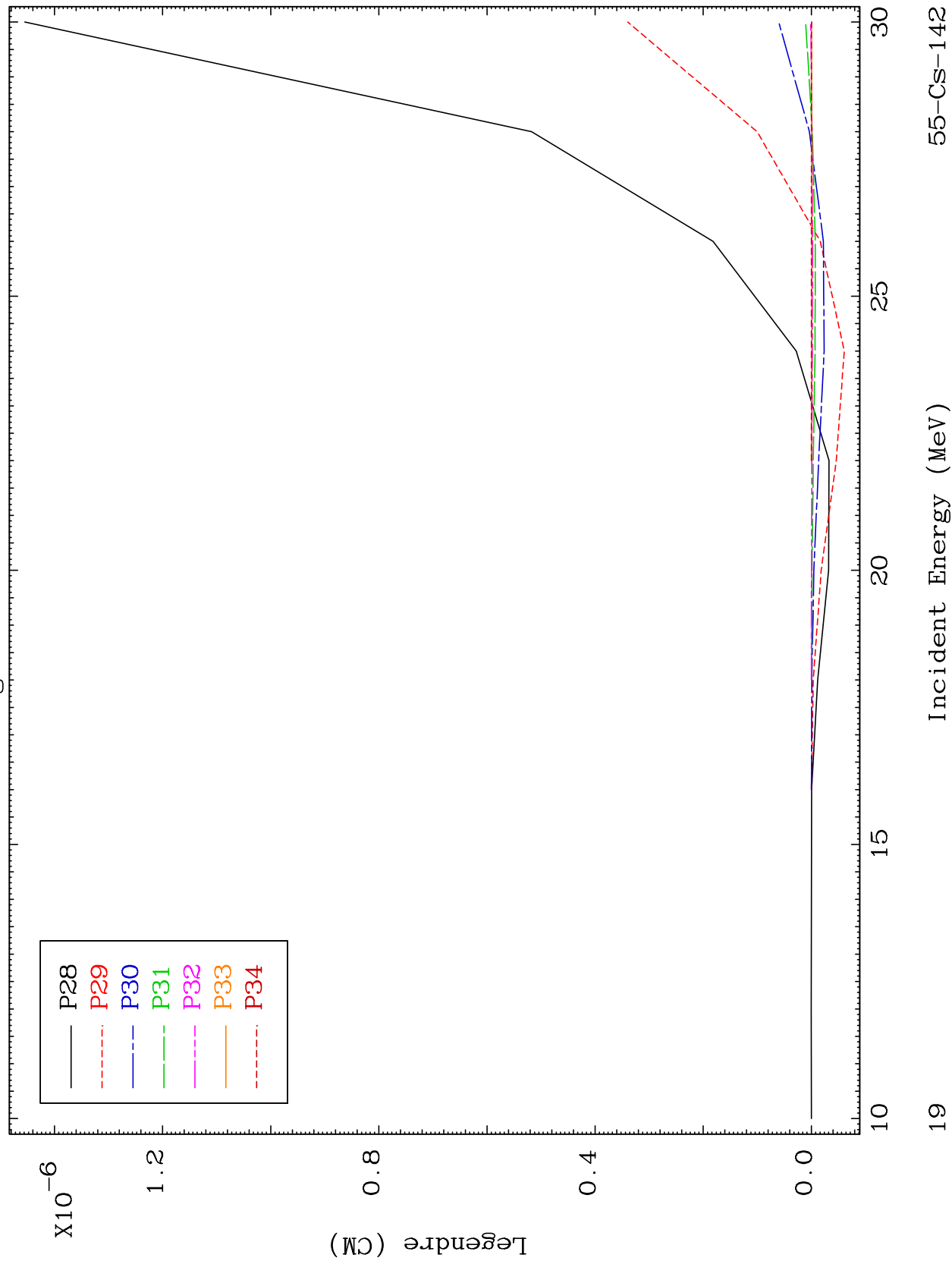
55-Cs-142

30

MAT 5552

Elastic Legendre Coefficients

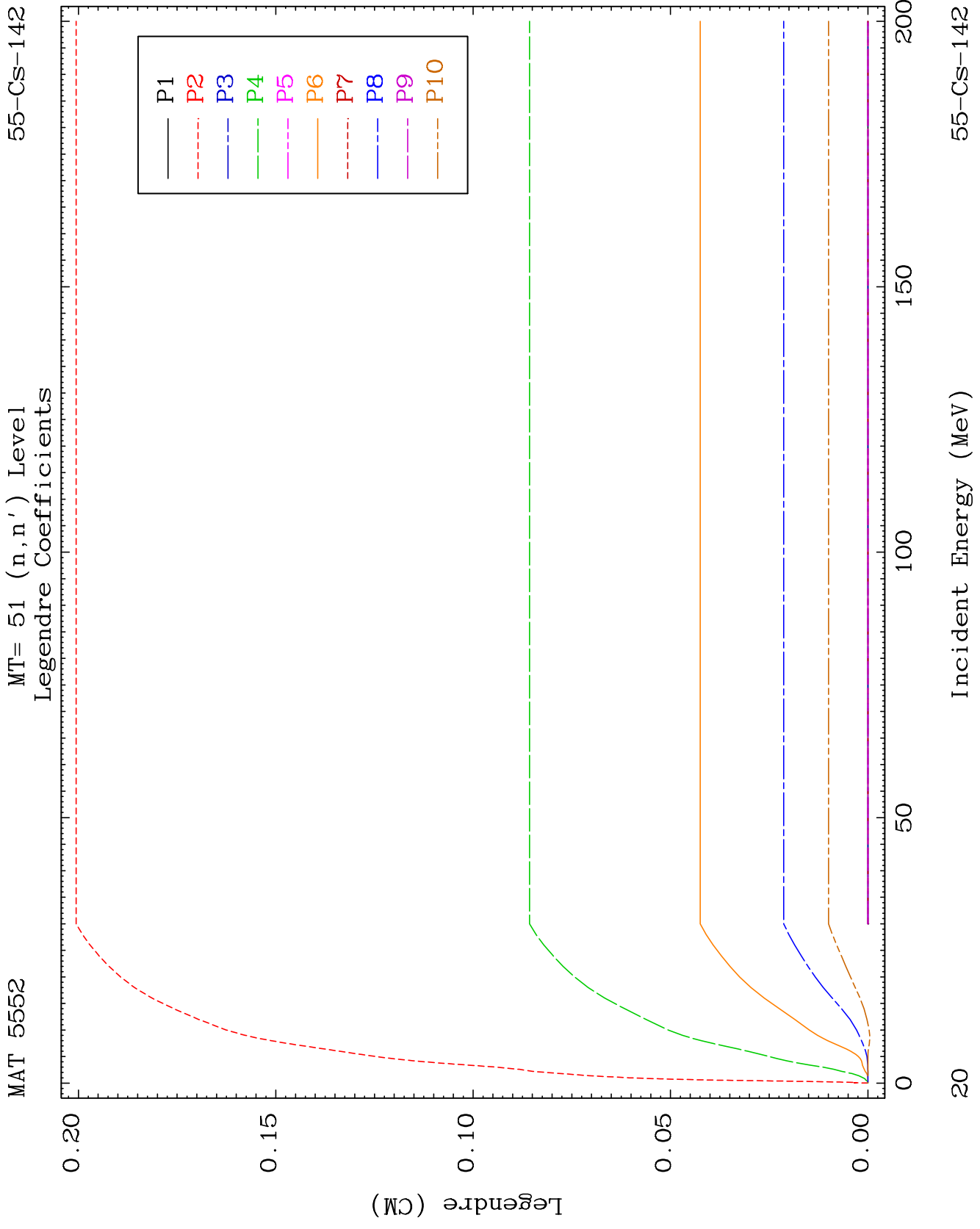
55-Cs-142

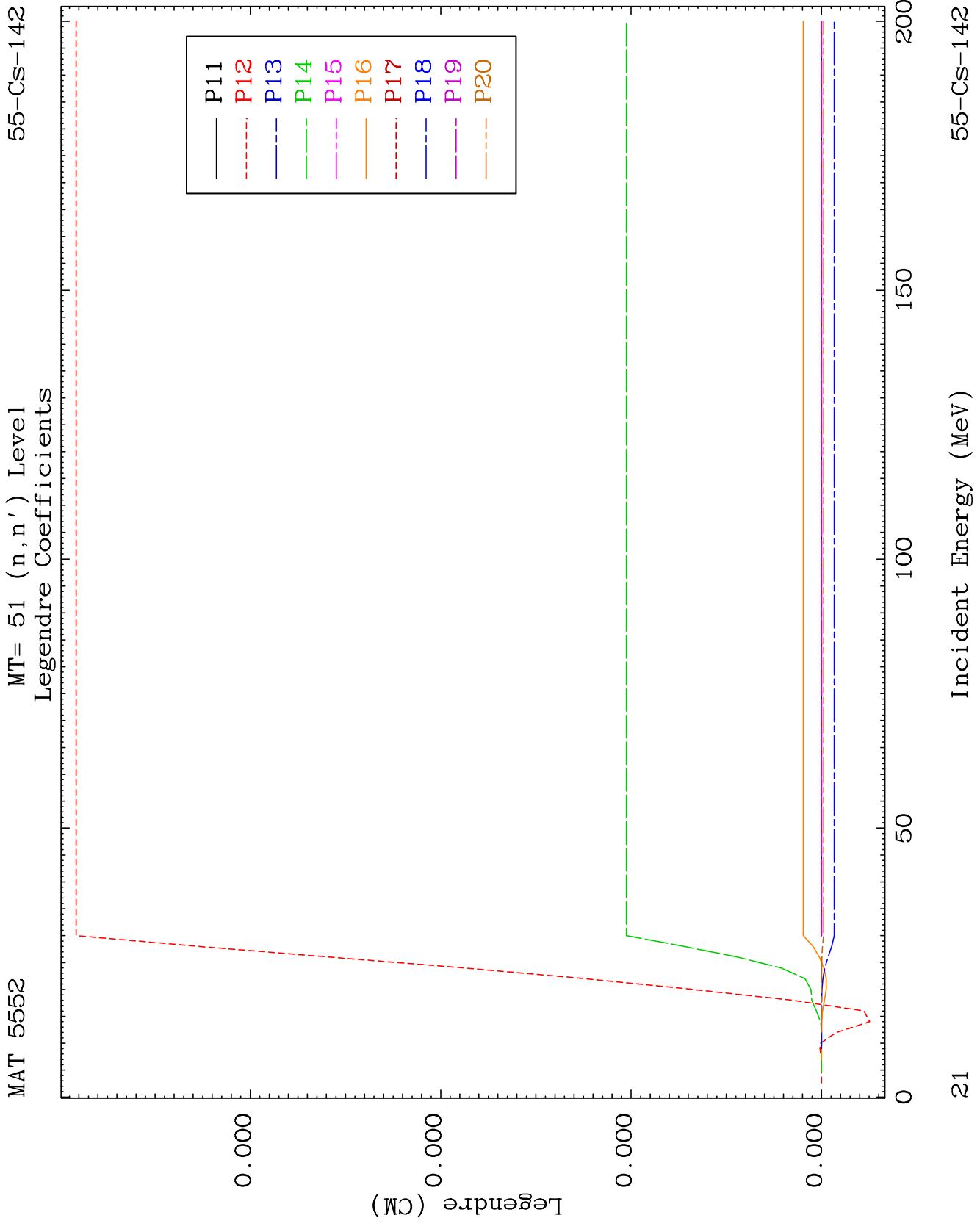


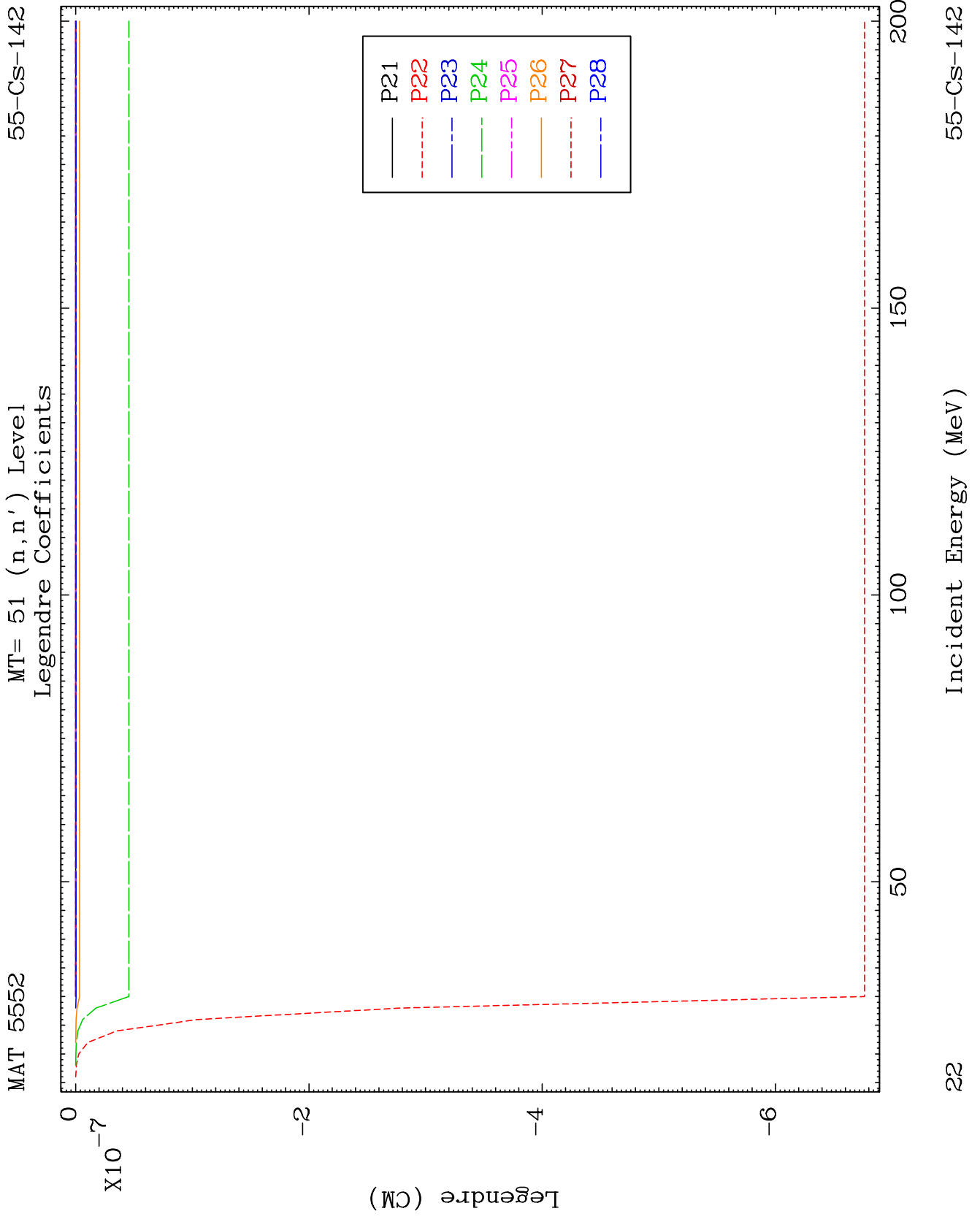
19

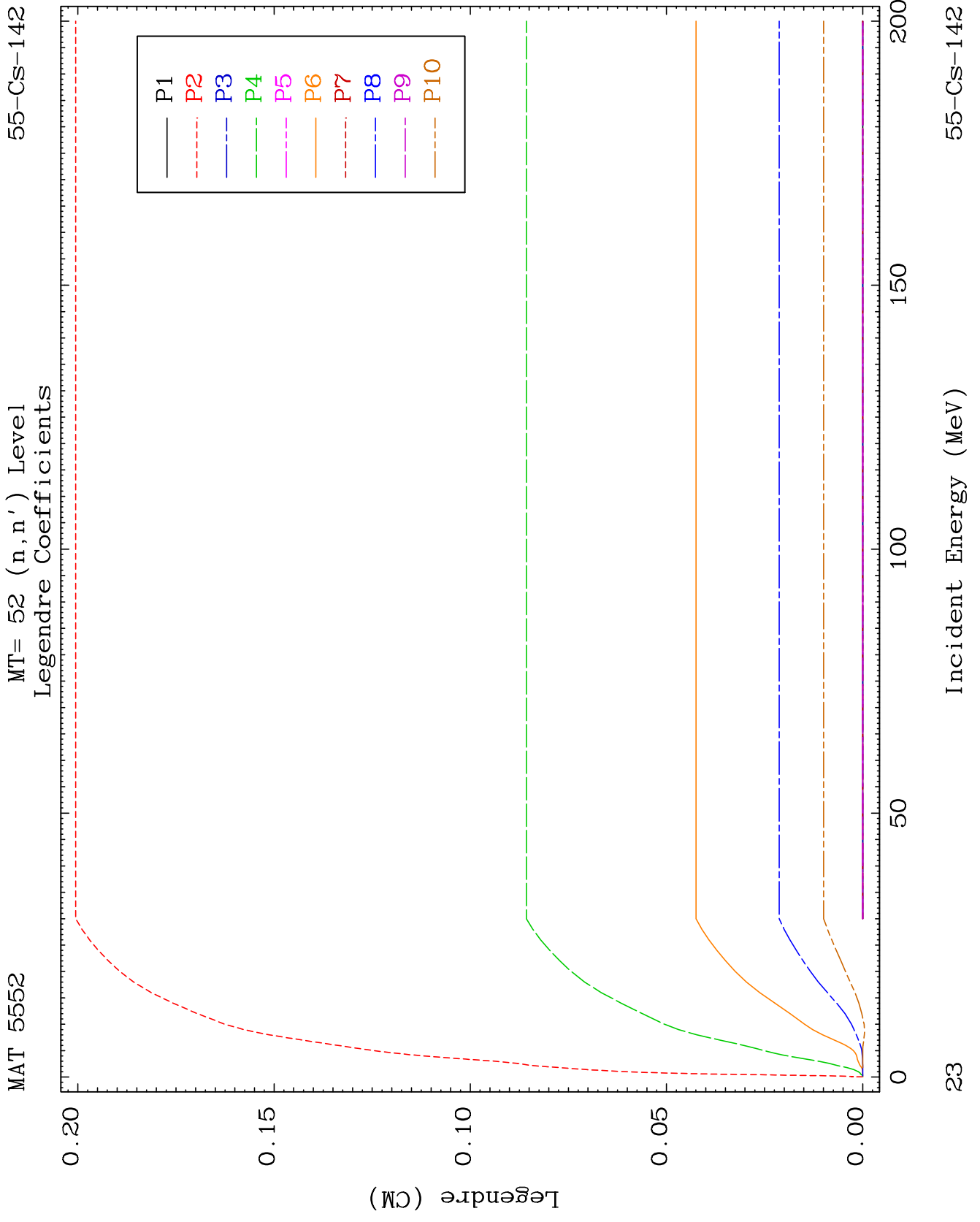
Incident Energy (MeV)

55-Cs-142







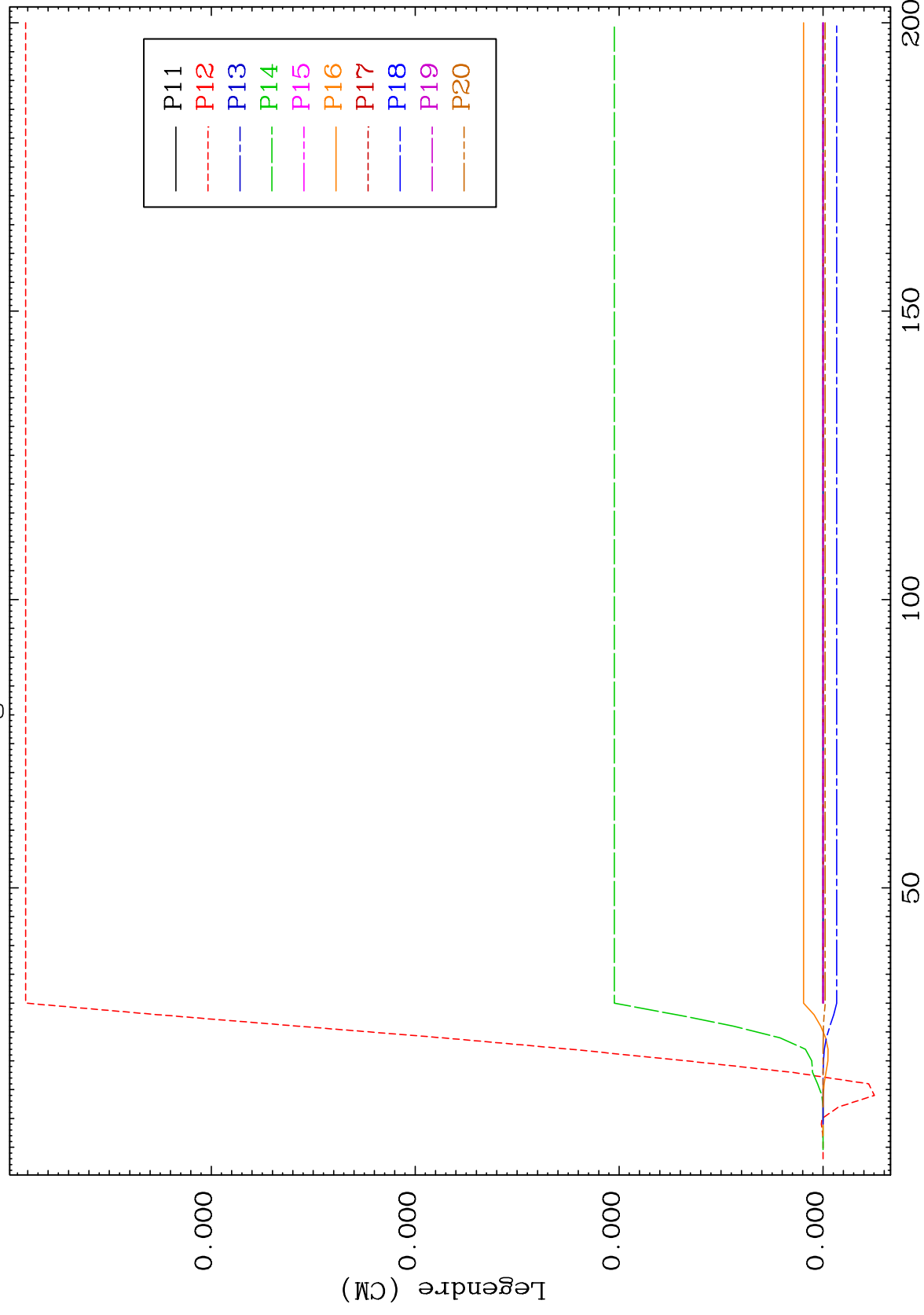




MAT 5552

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

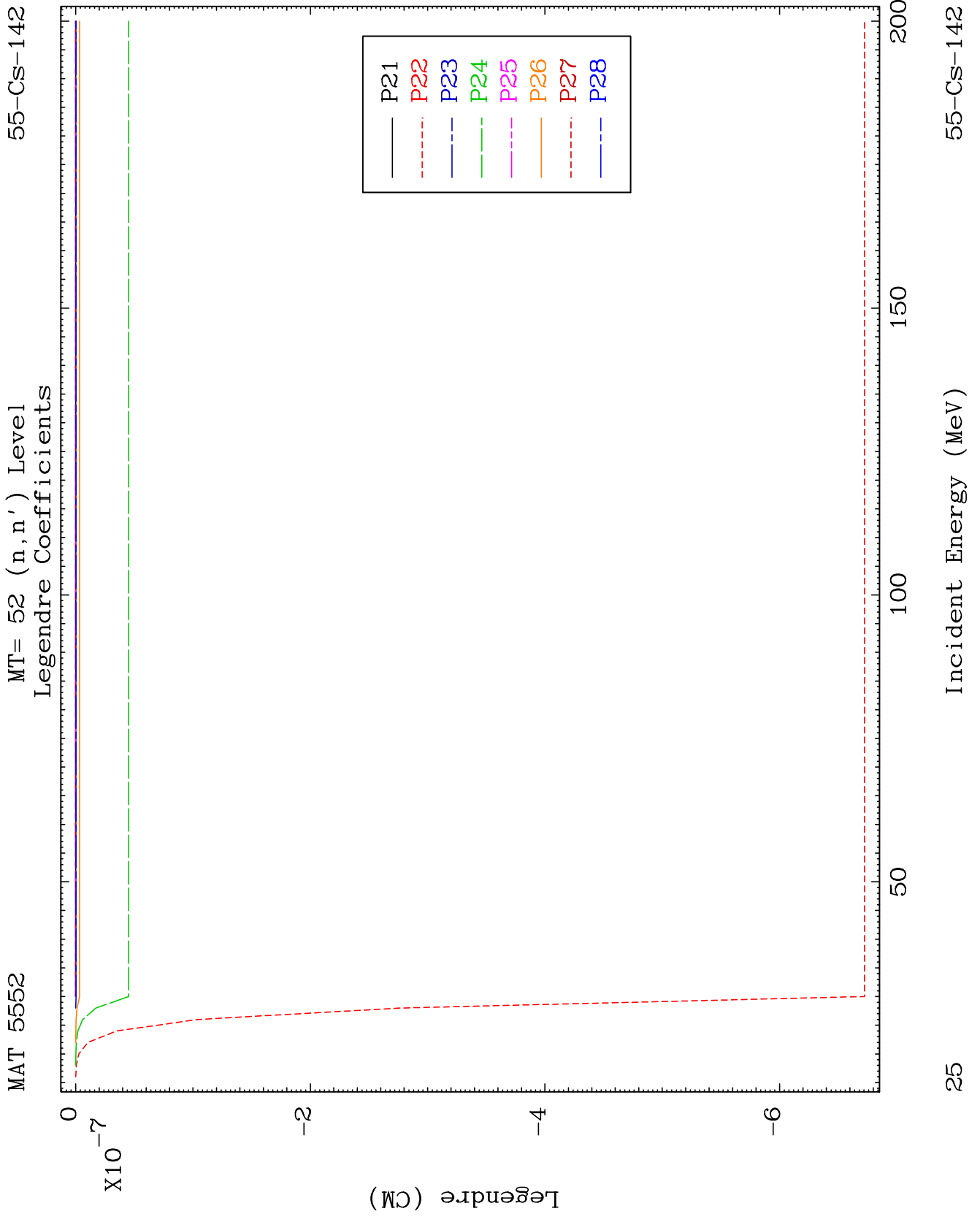
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24

Incident Energy (MeV)

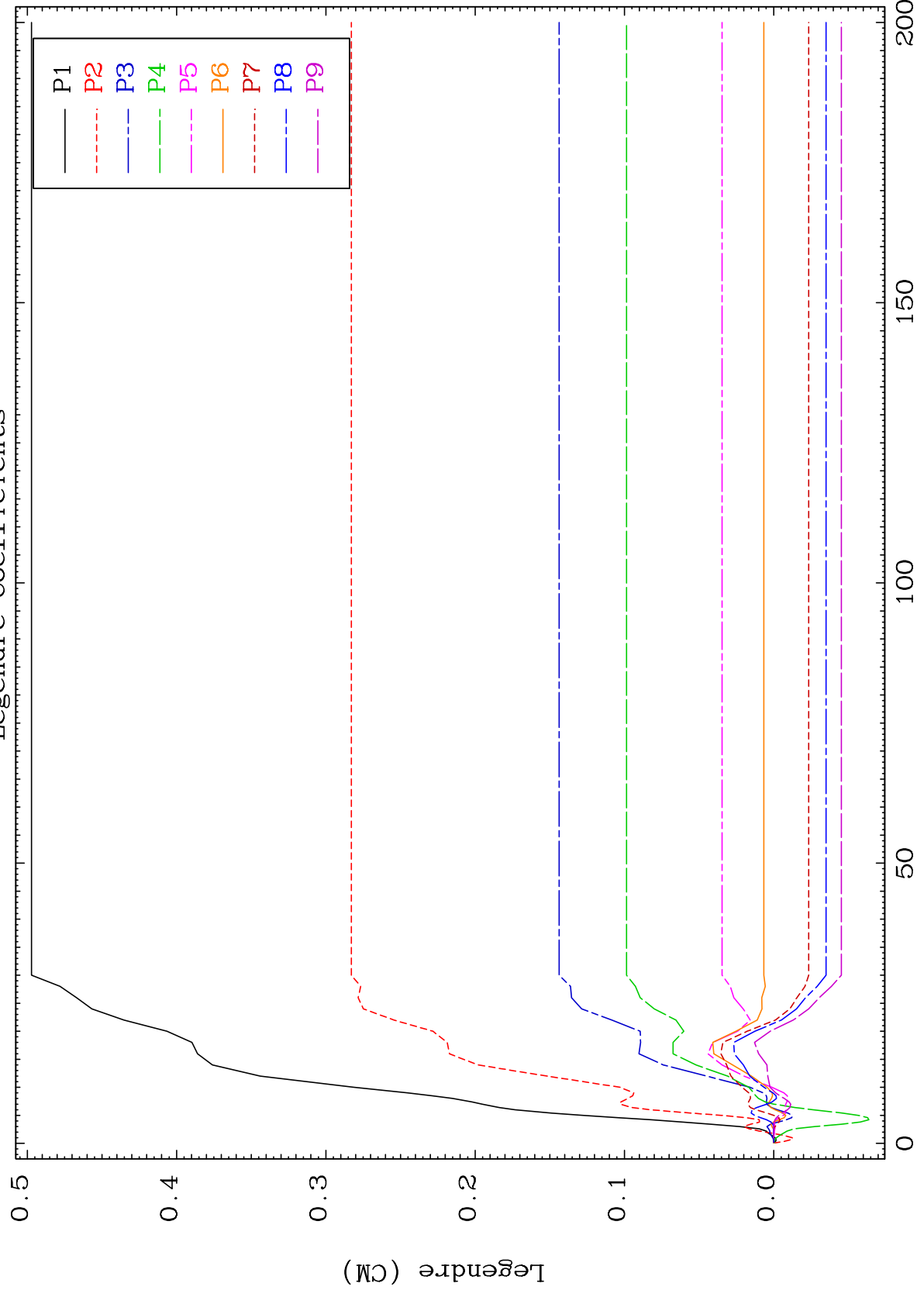
55-Cs-142



MAT 5552

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

55-Cs-142



55-Cs-142

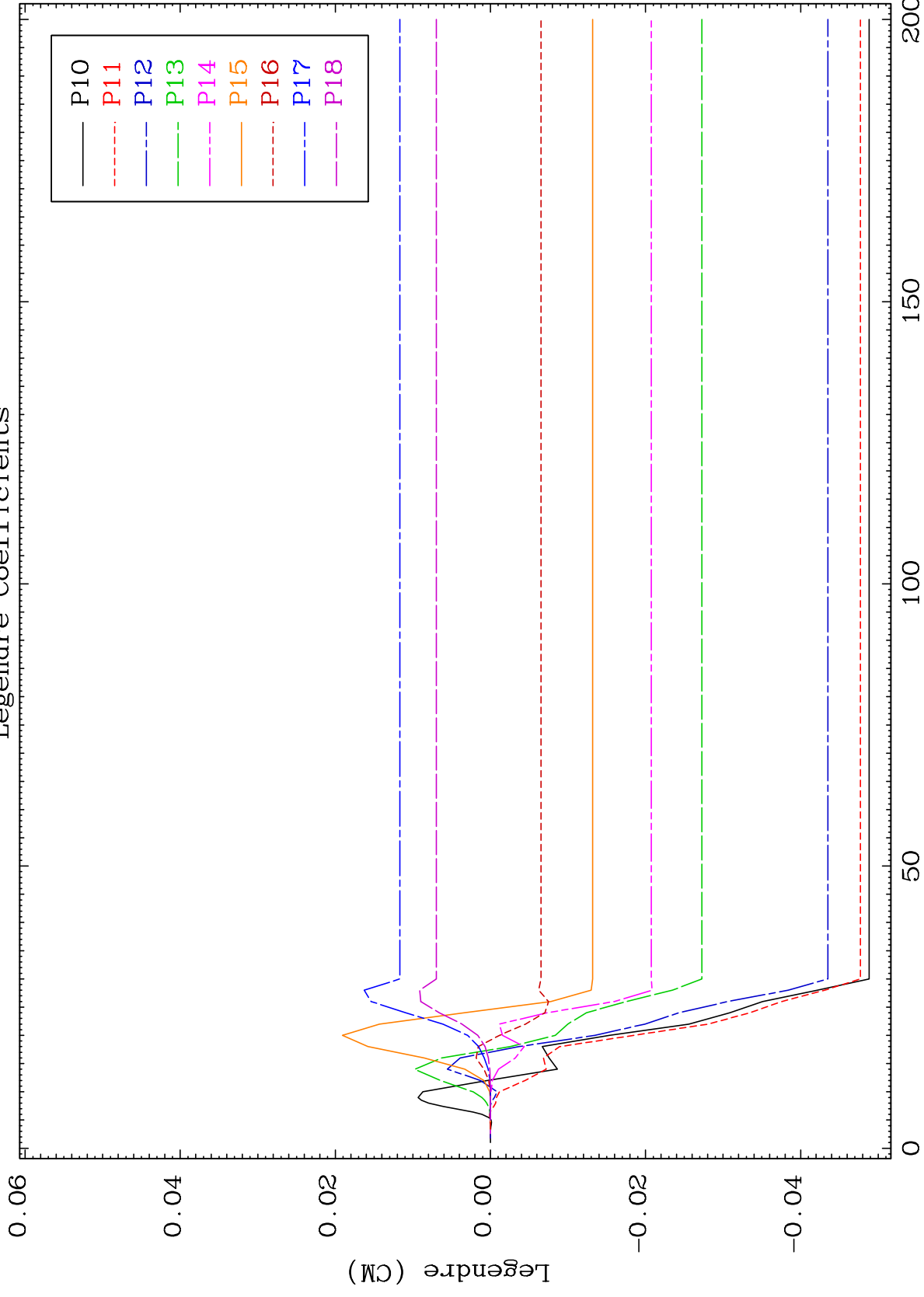
Incident Energy (MeV)

26

MAT 5552

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

55-Cs-142



27

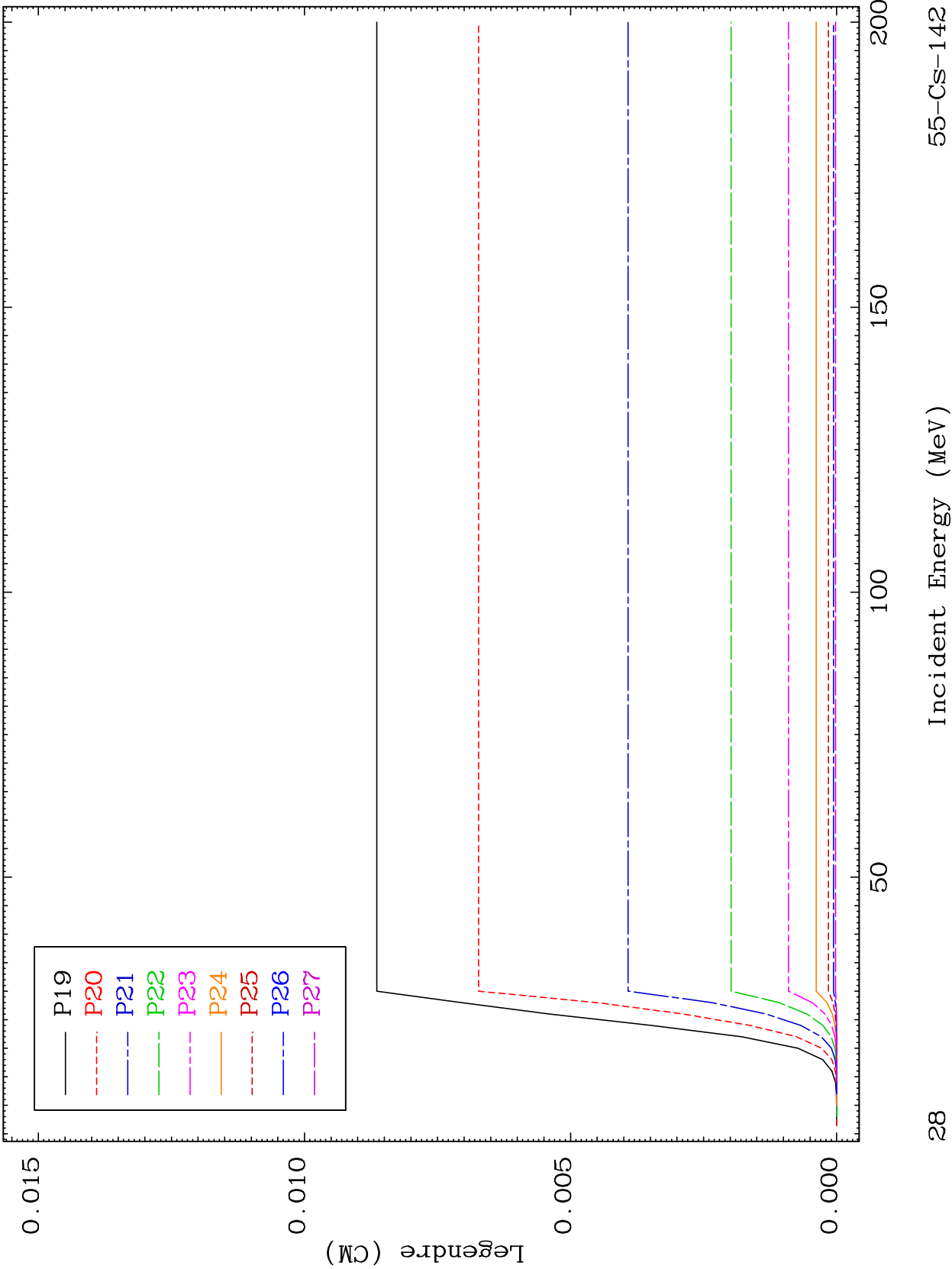
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



28

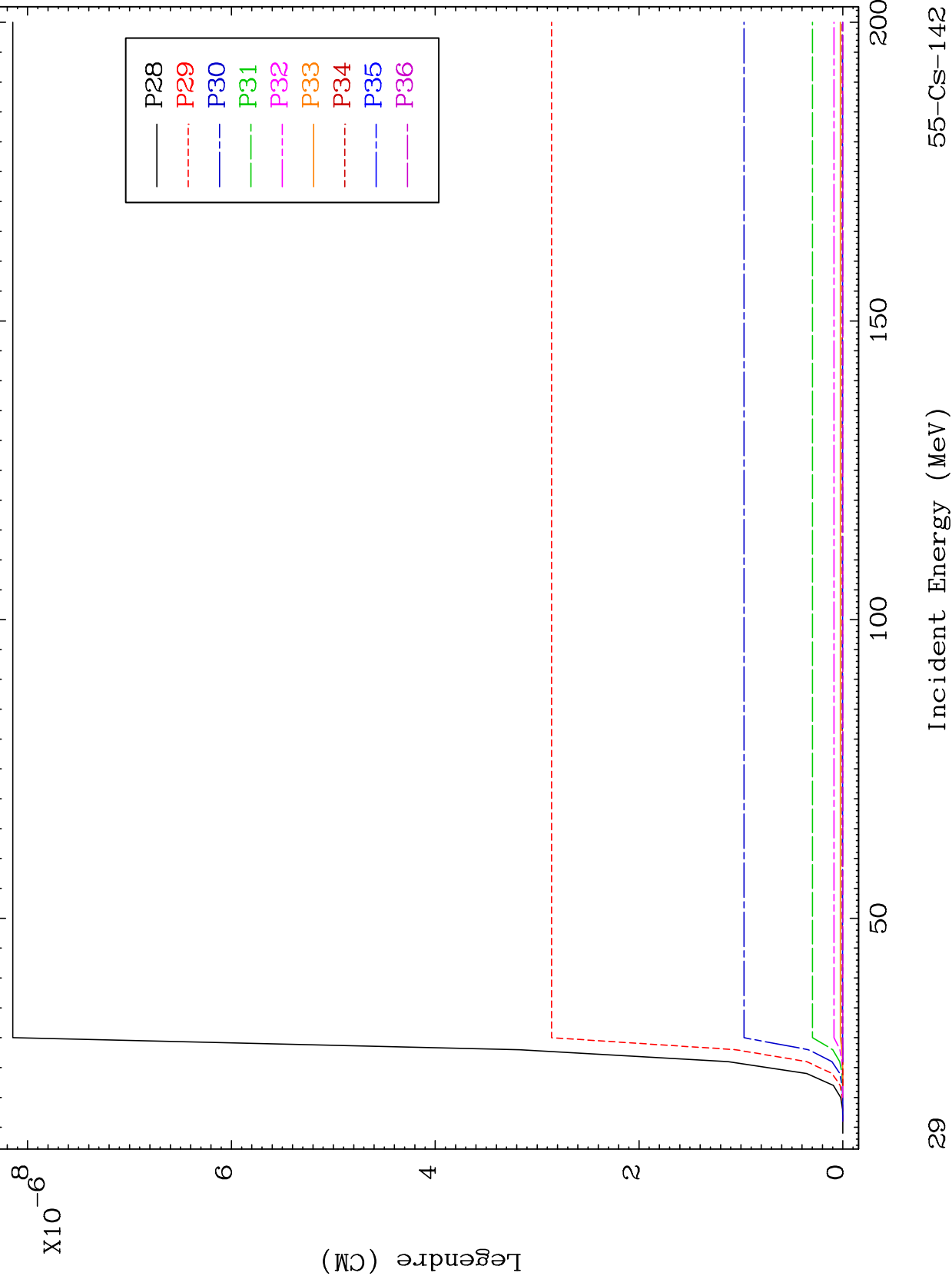
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

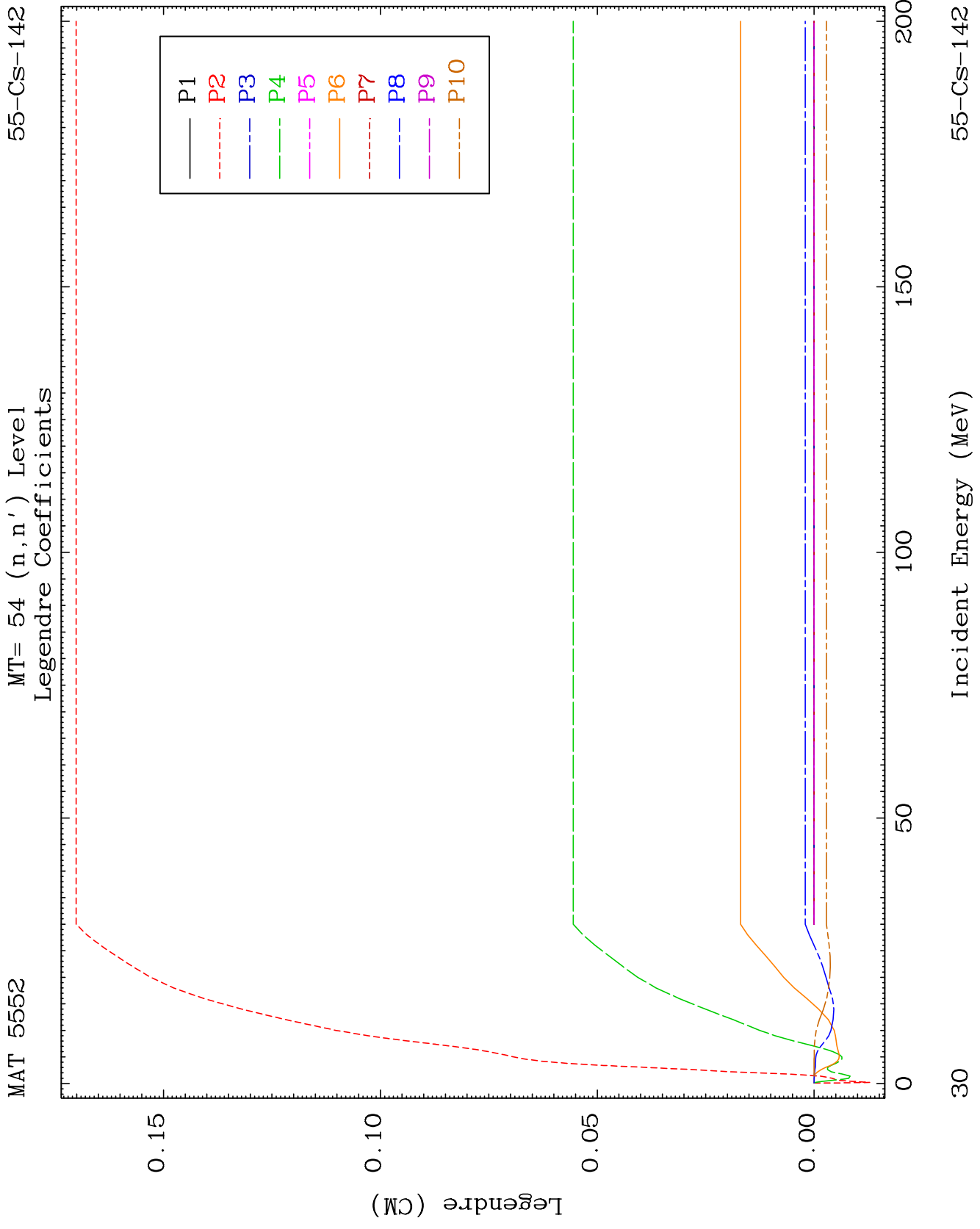
55-Cs-142



29

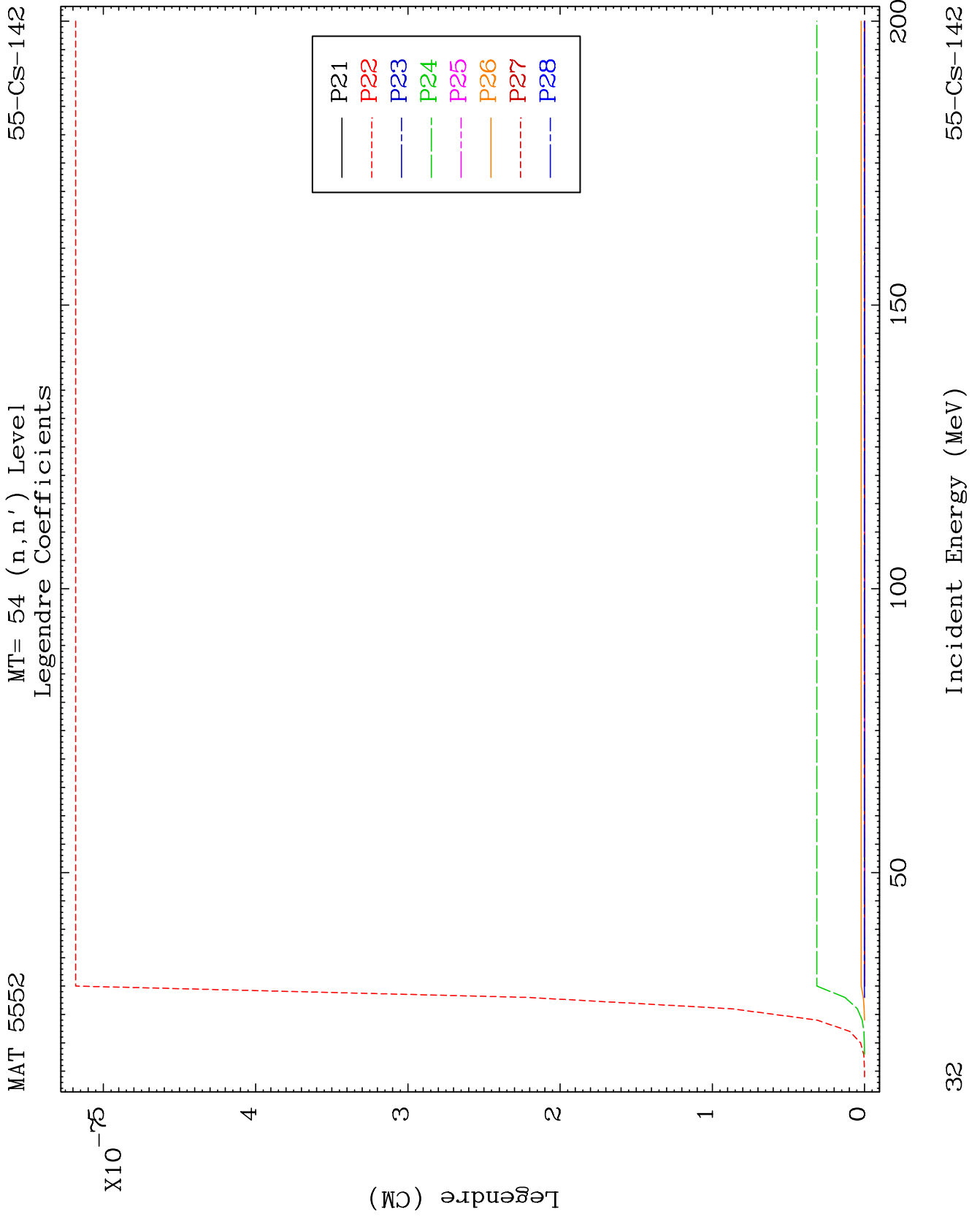
Incident Energy (MeV)

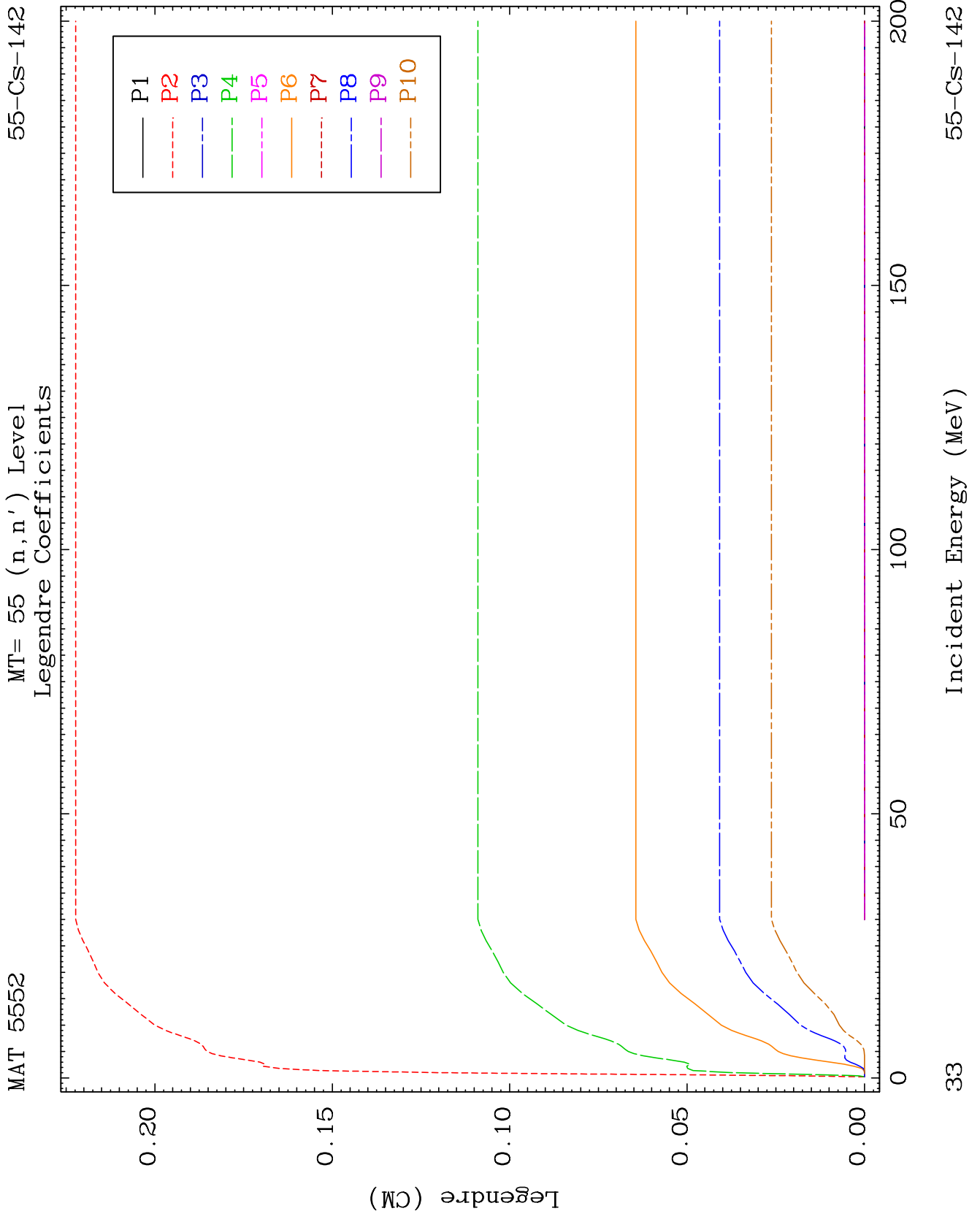
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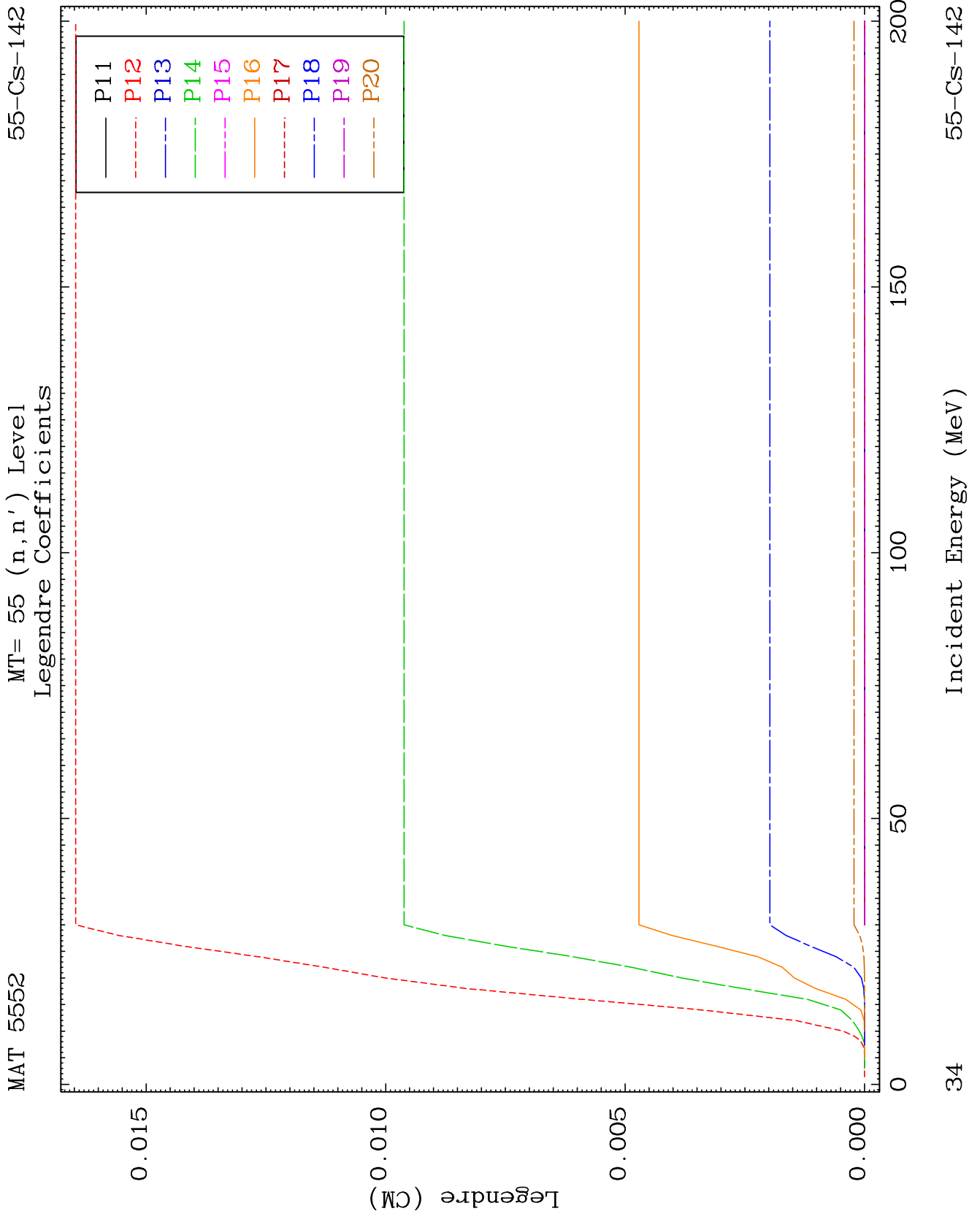


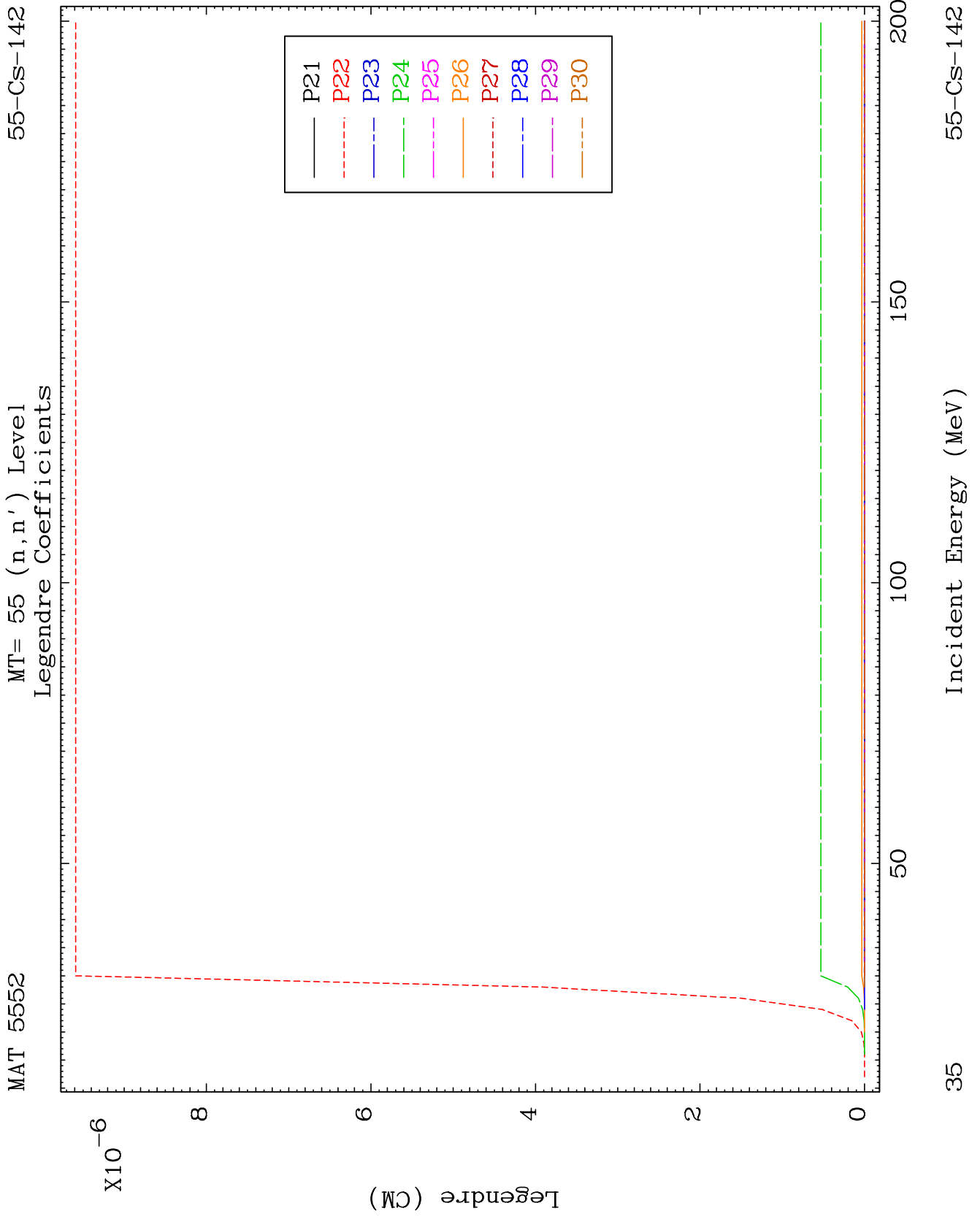








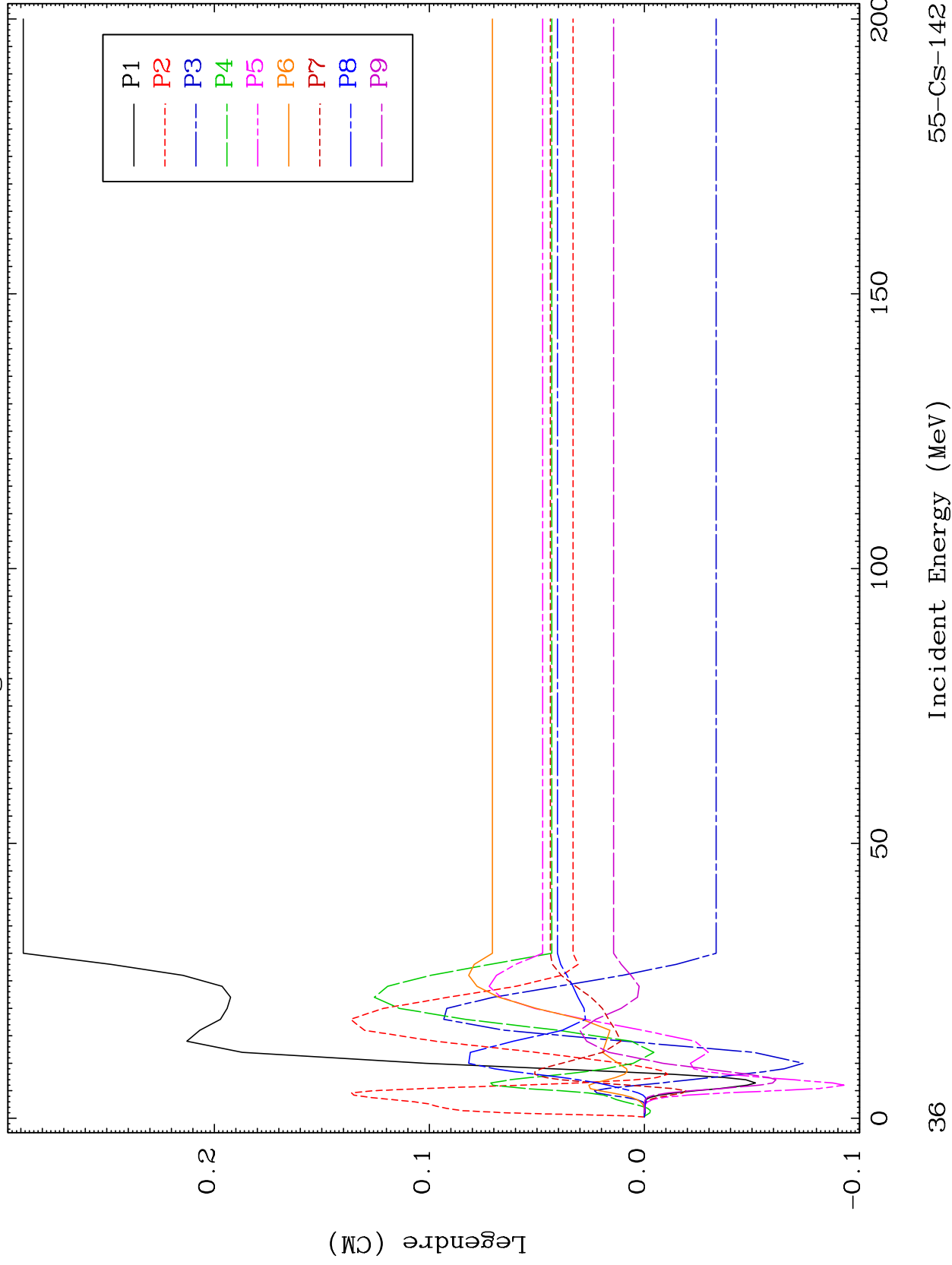




MAT 5552

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

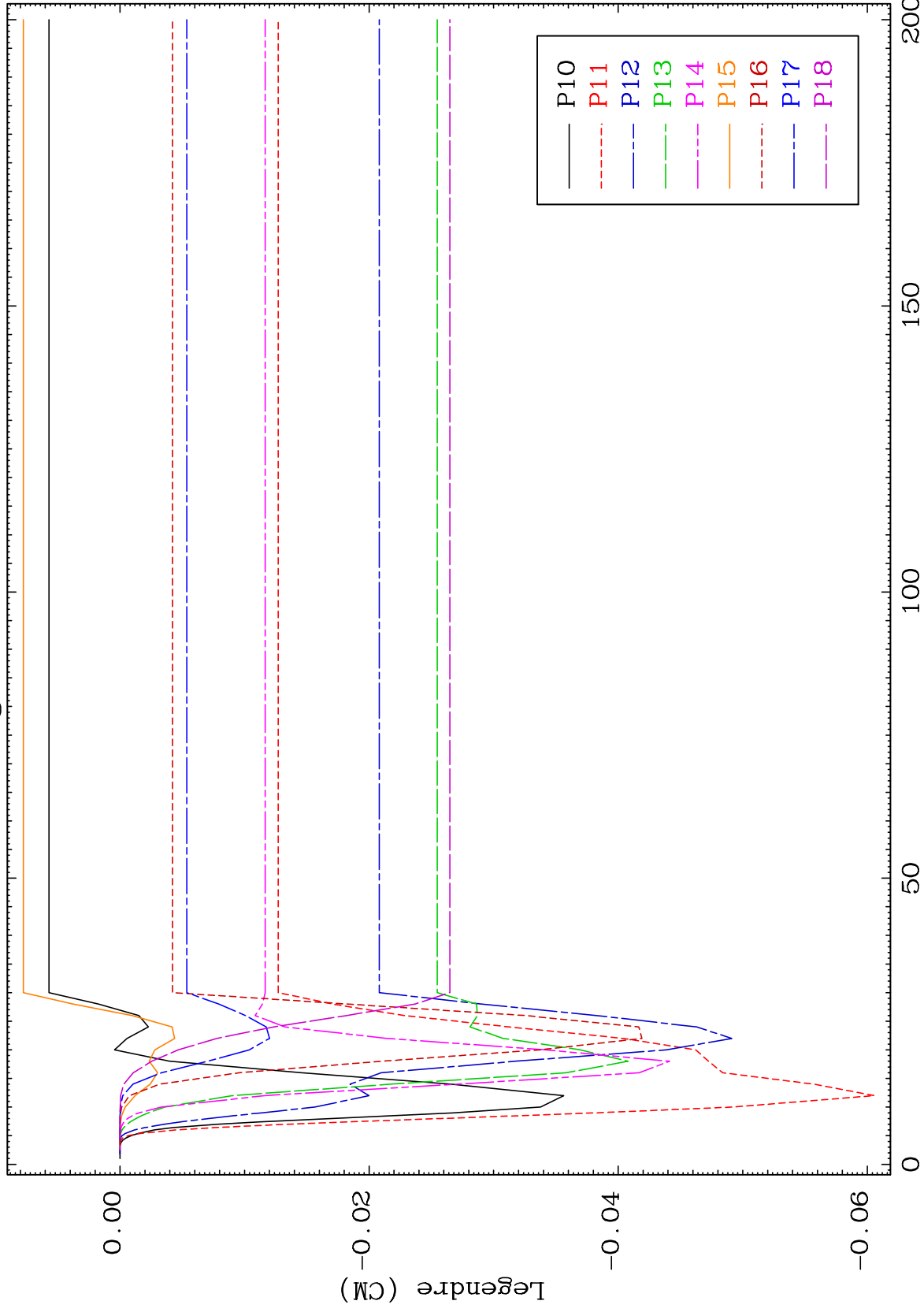
55-Cs-142



MAT 5552

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

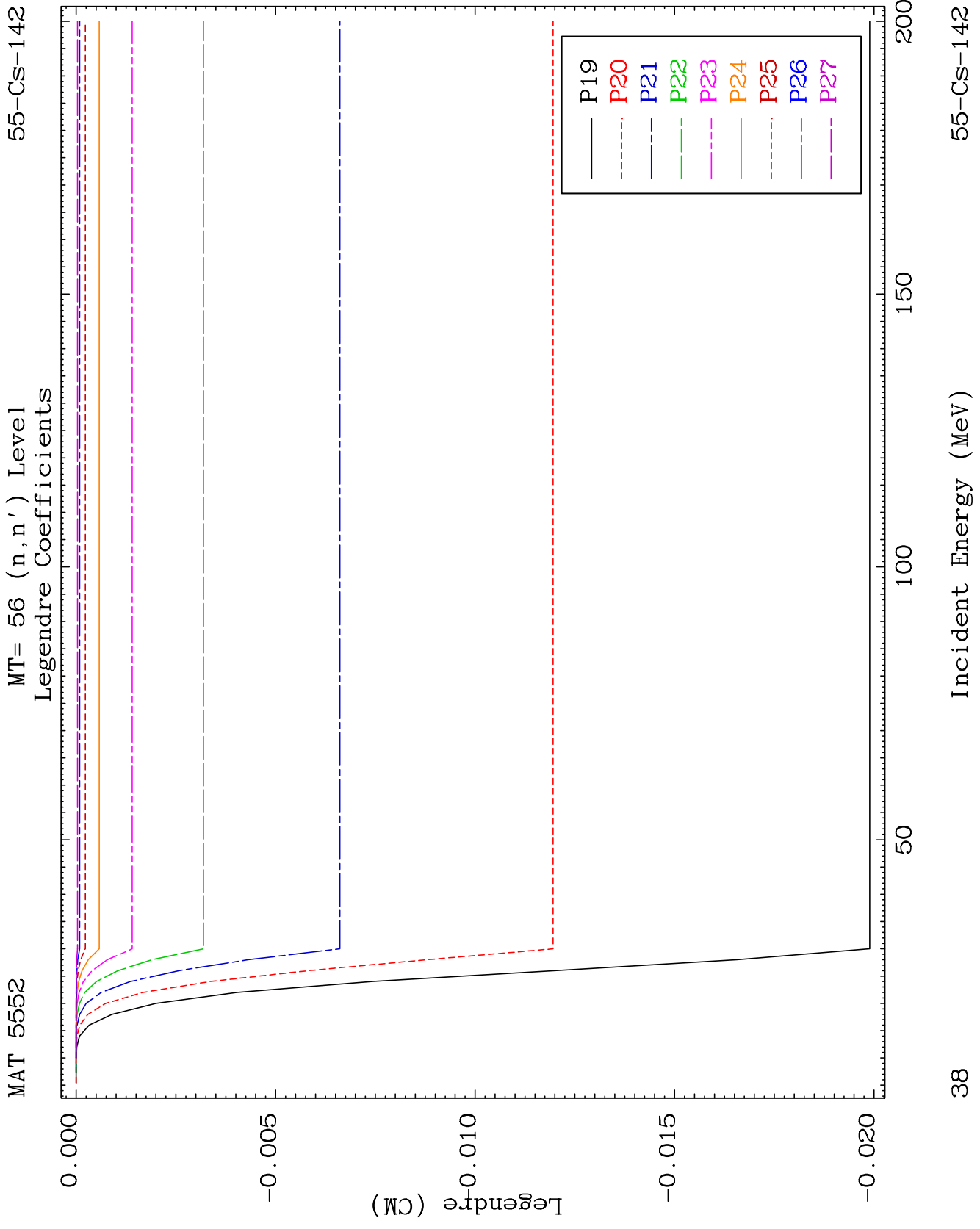
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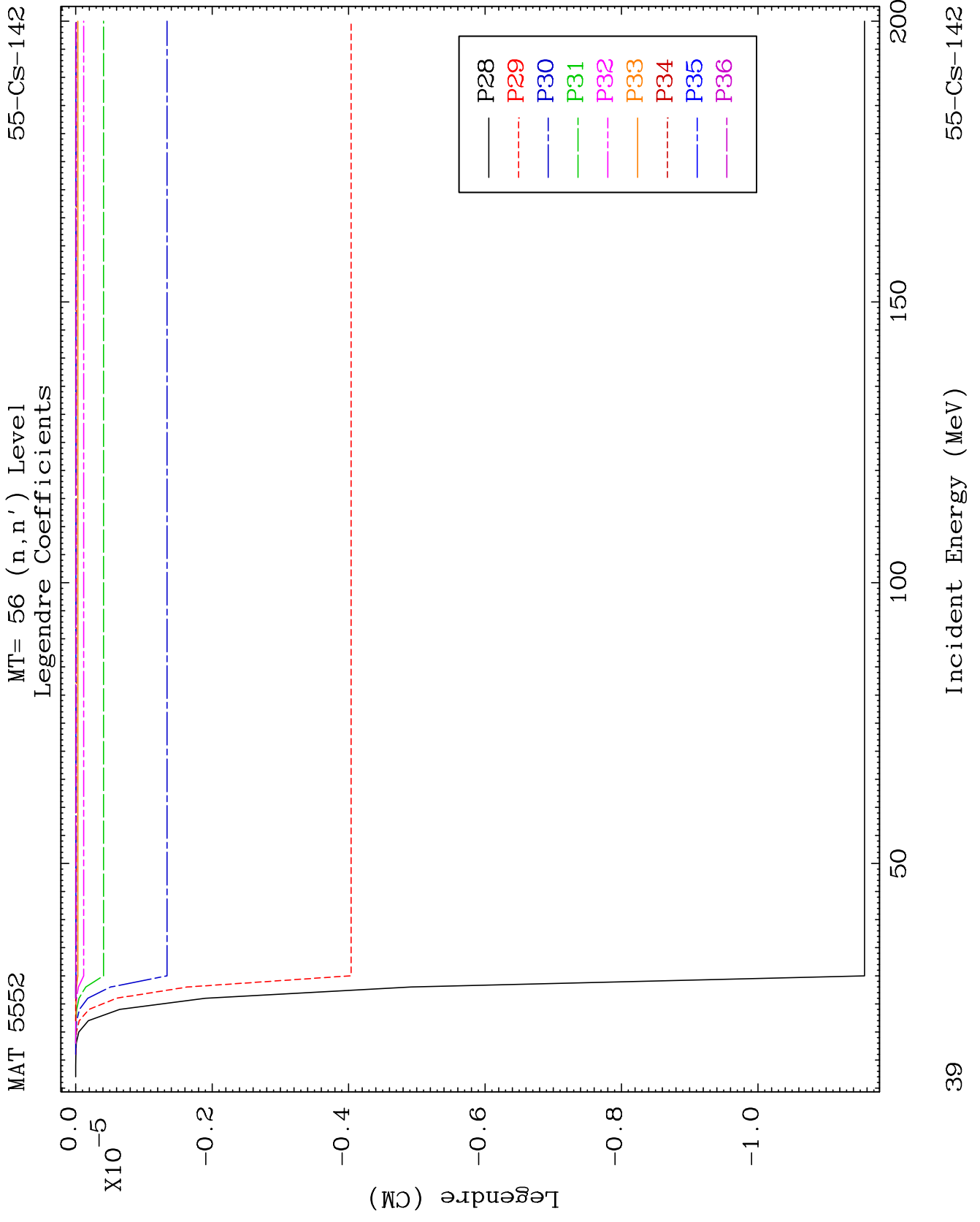


37

Incident Energy (MeV)

55-Cs-142



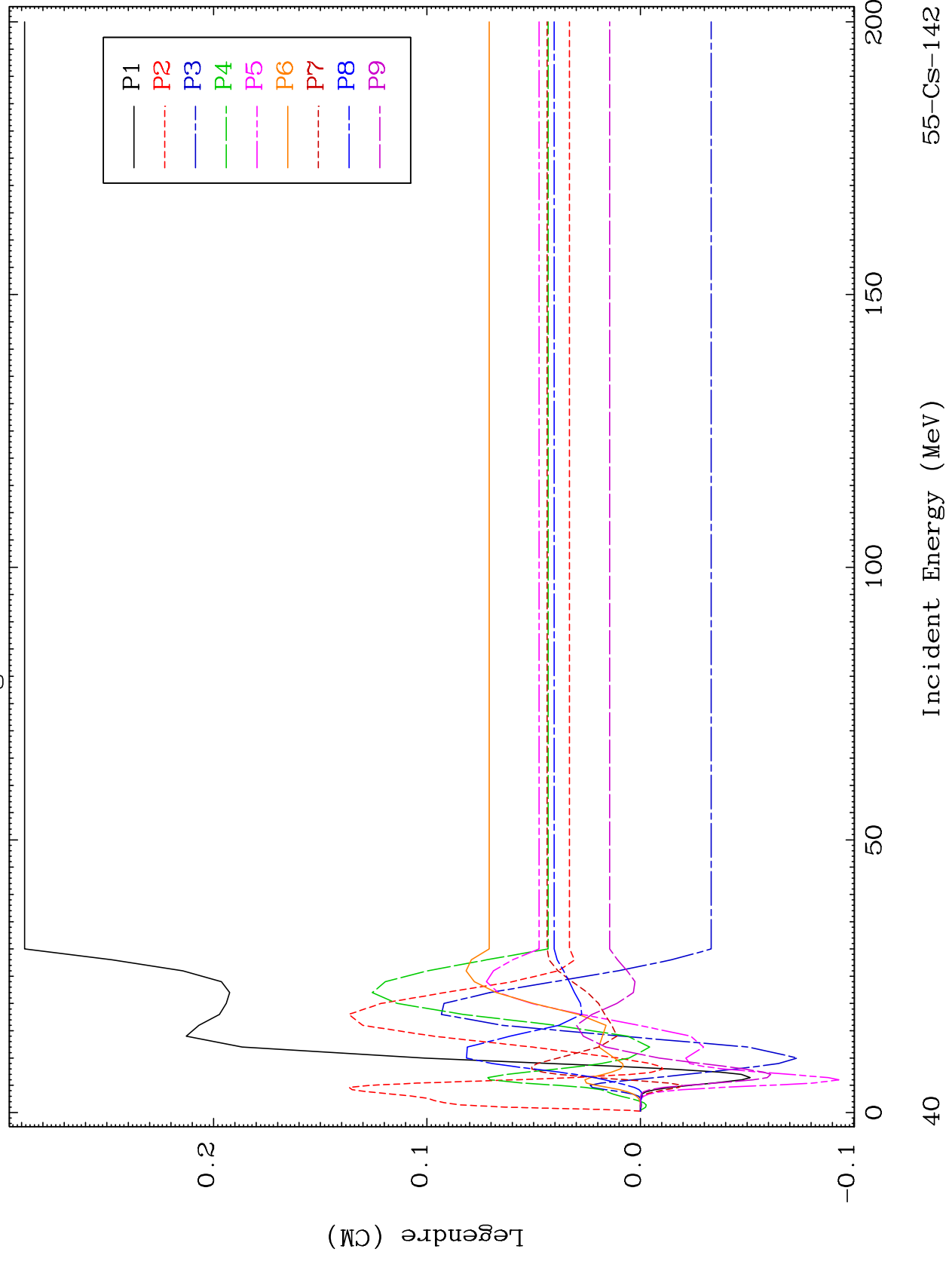




MAT 5552

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

55-Cs-142



55-Cs-142

Incident Energy (MeV)

40

-0.1

0.0

0.1

0.2

40

50

100

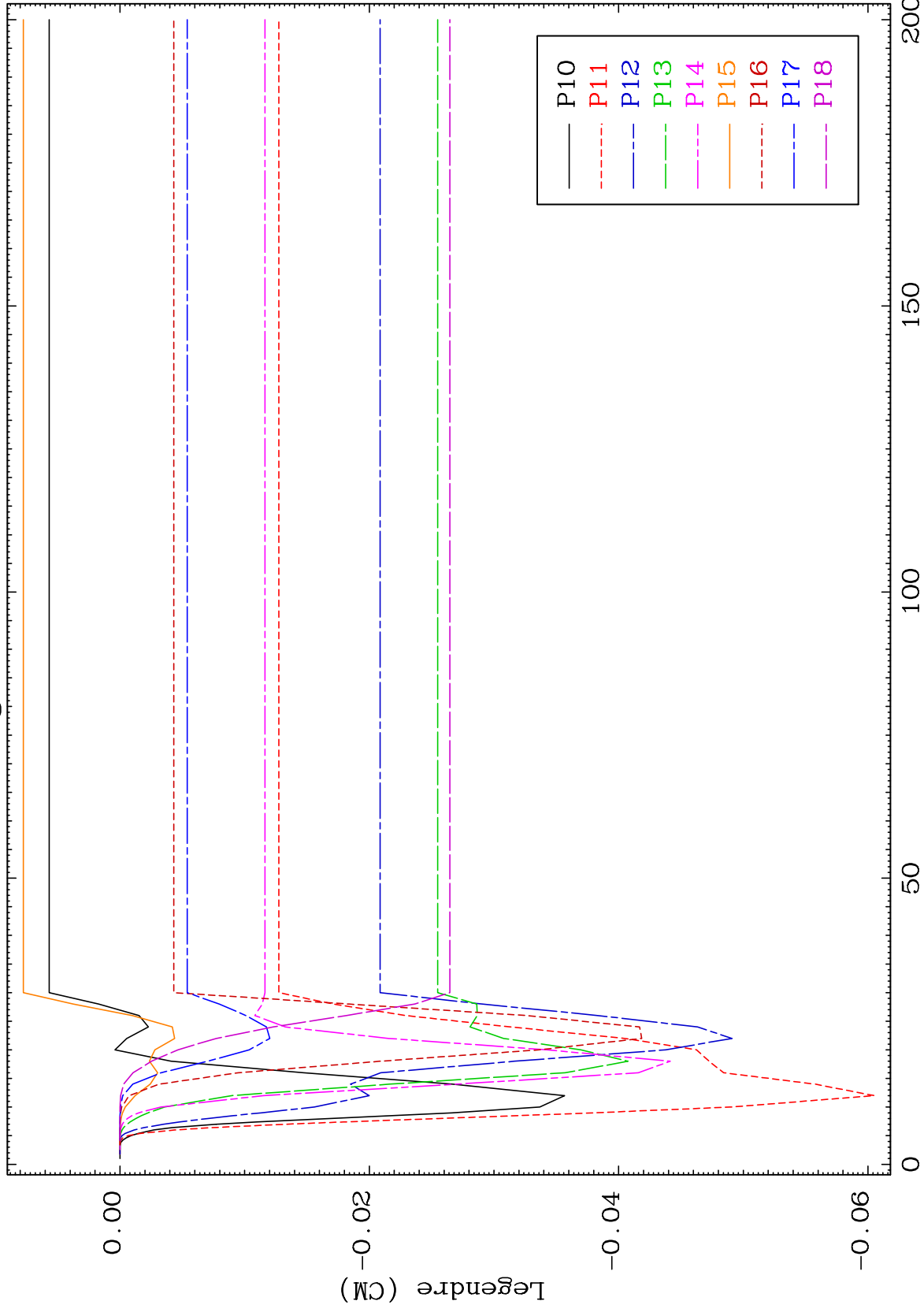
150

200

MAT 5552

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

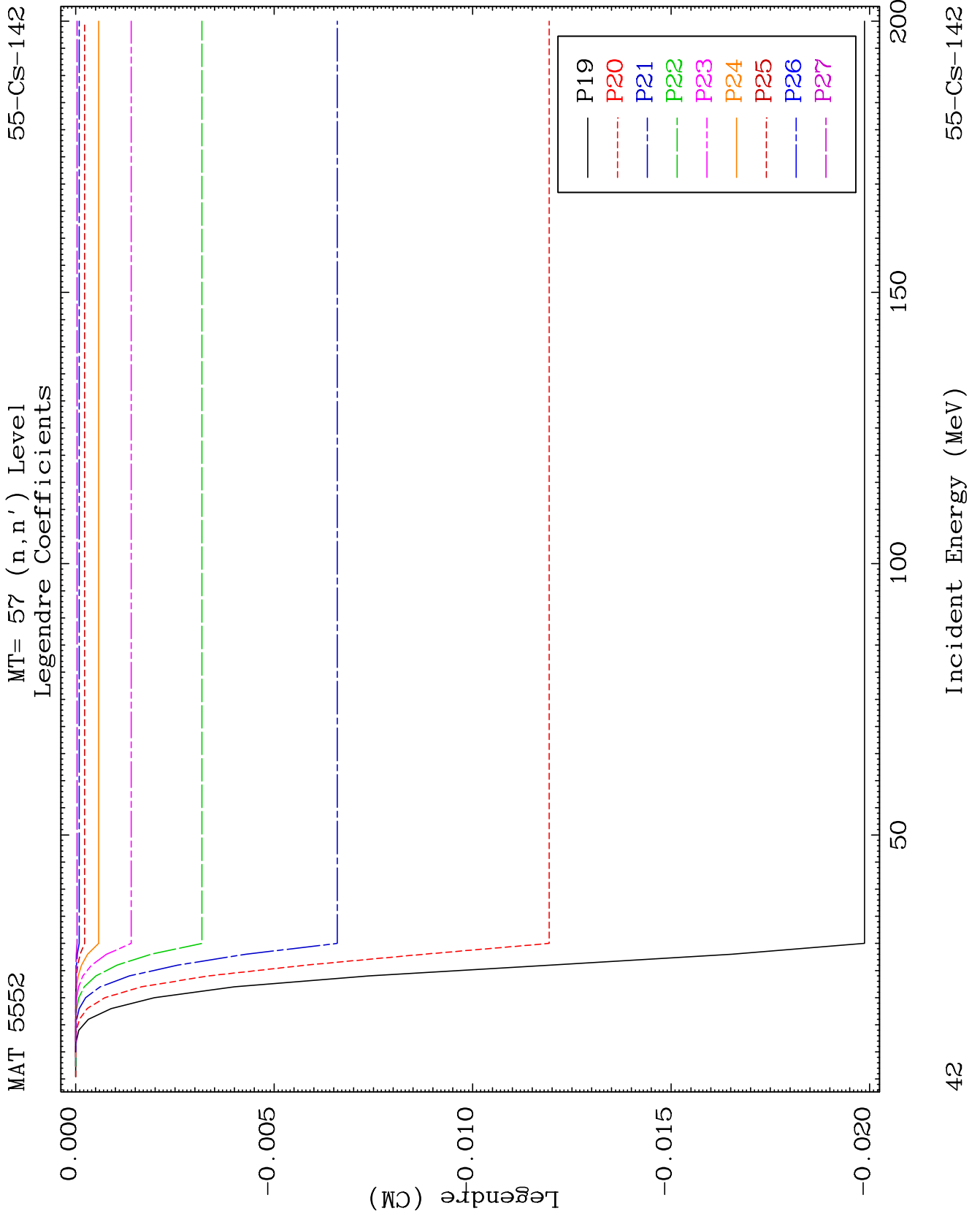
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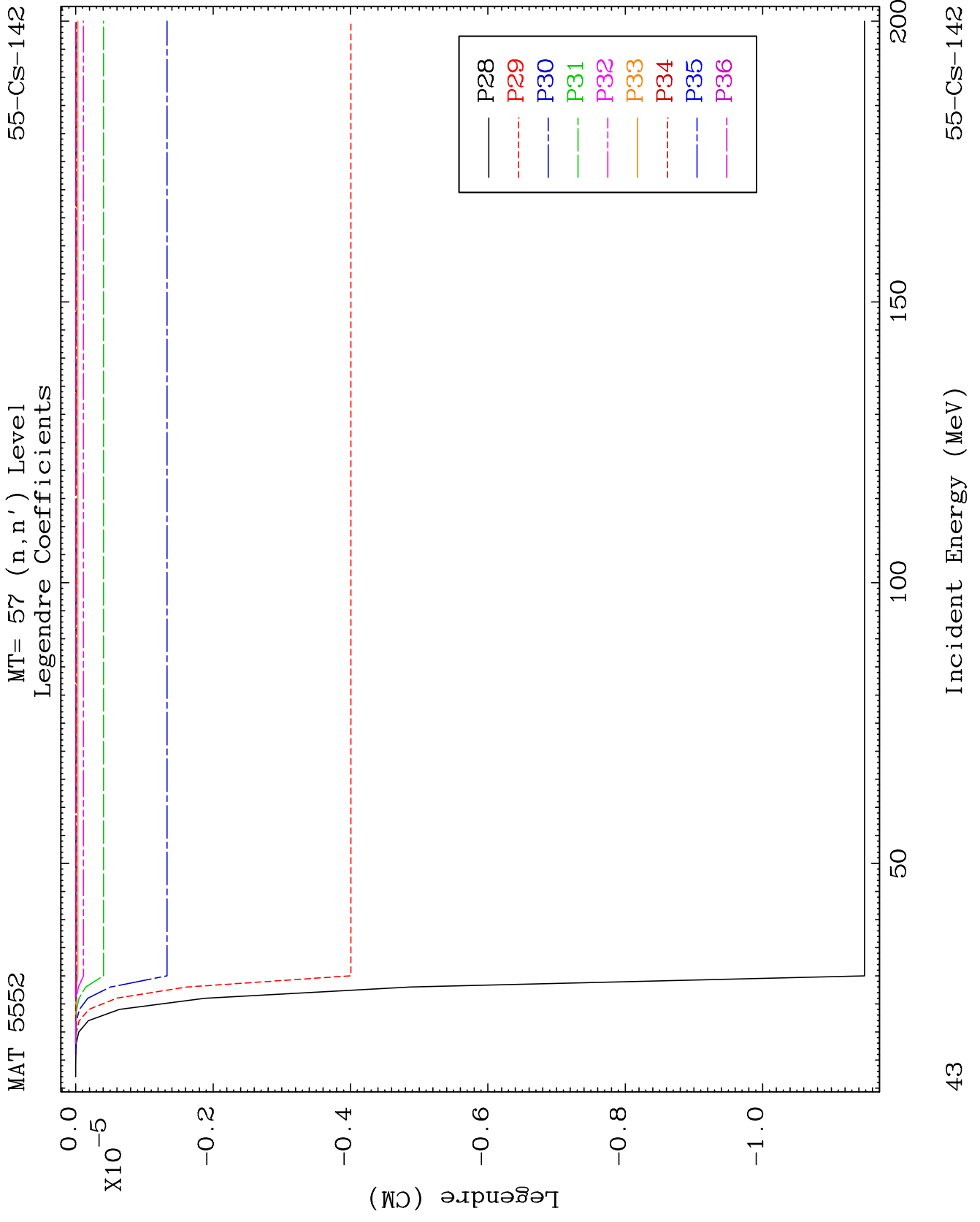


41

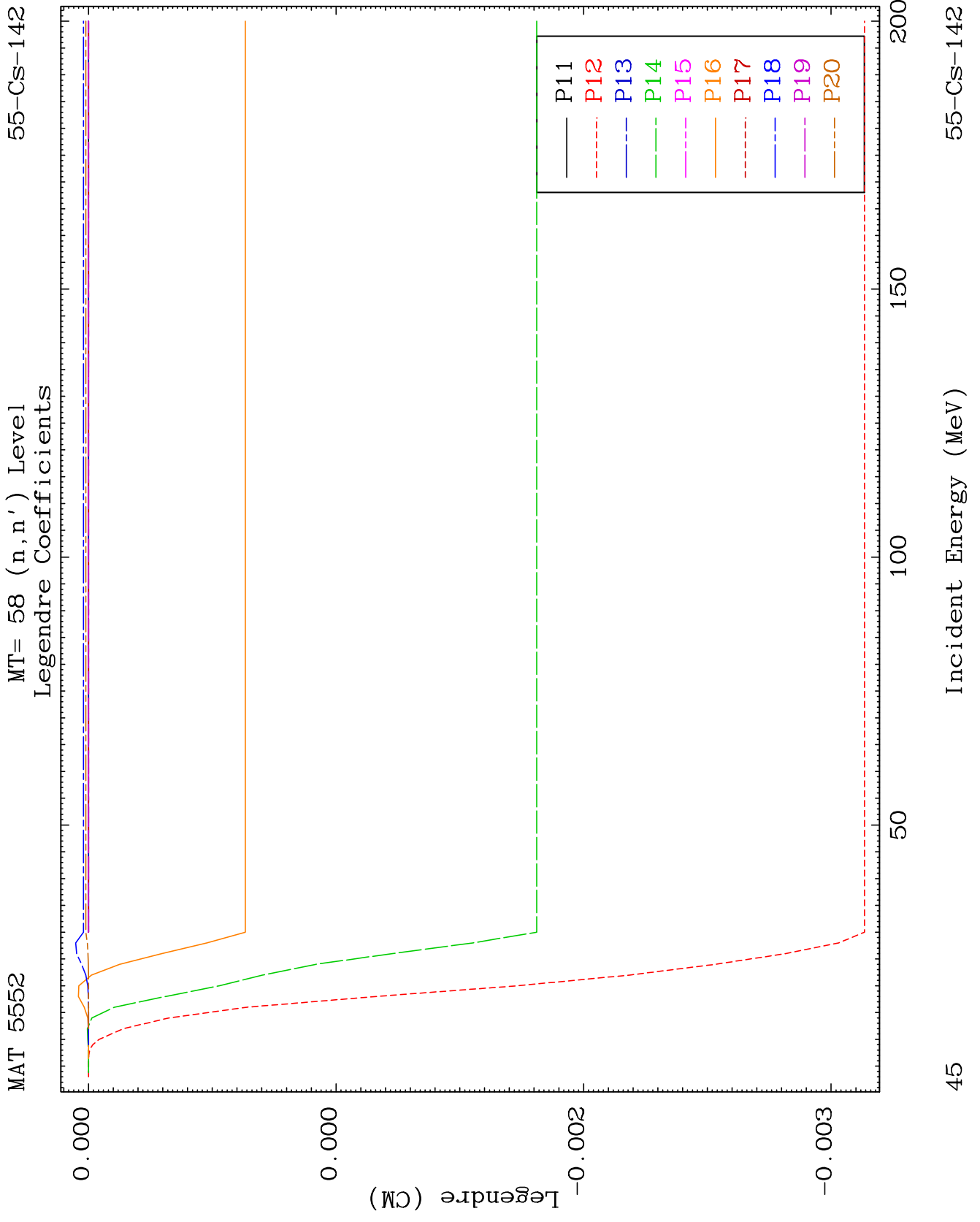
Incident Energy (MeV)

55-Cs-142

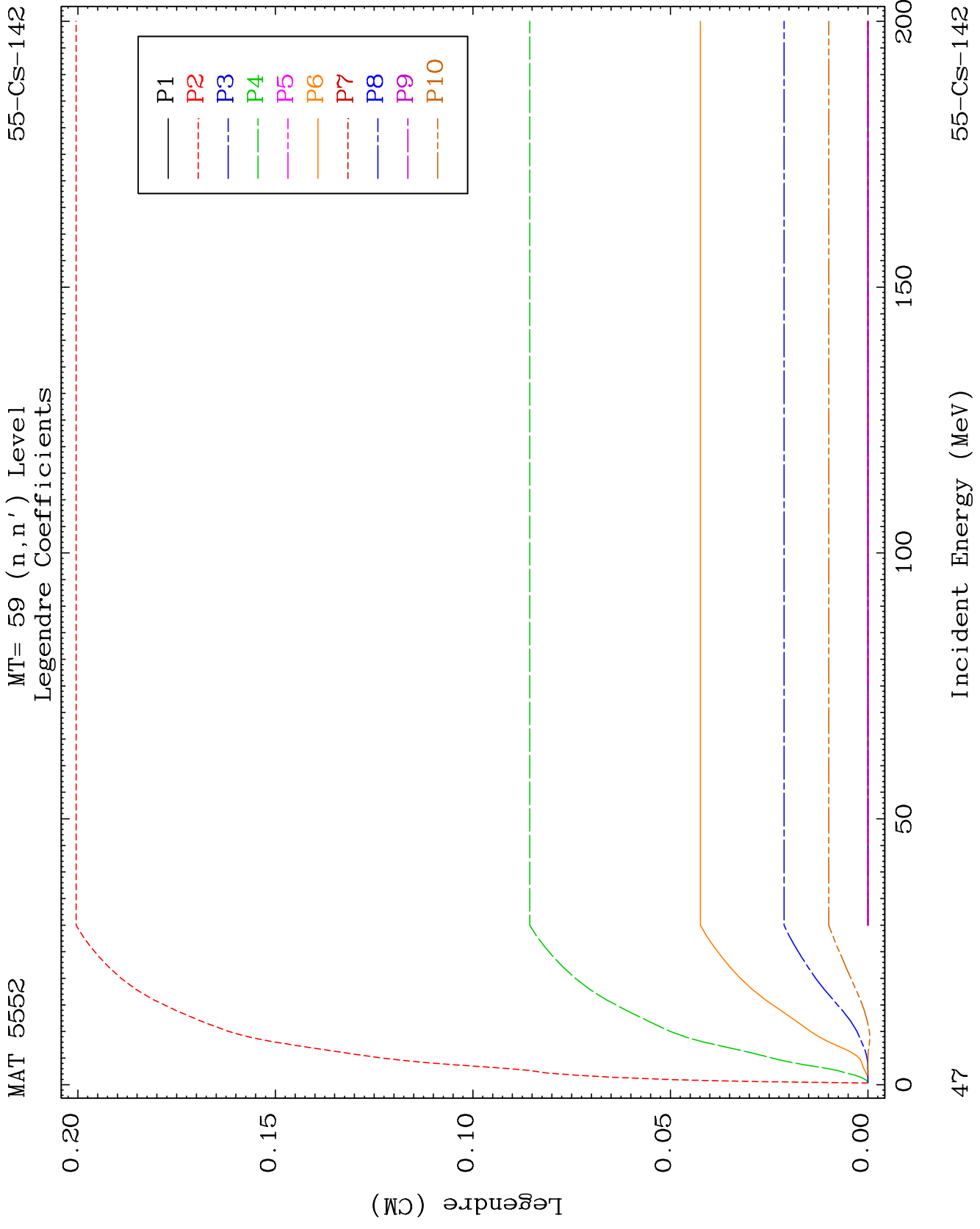










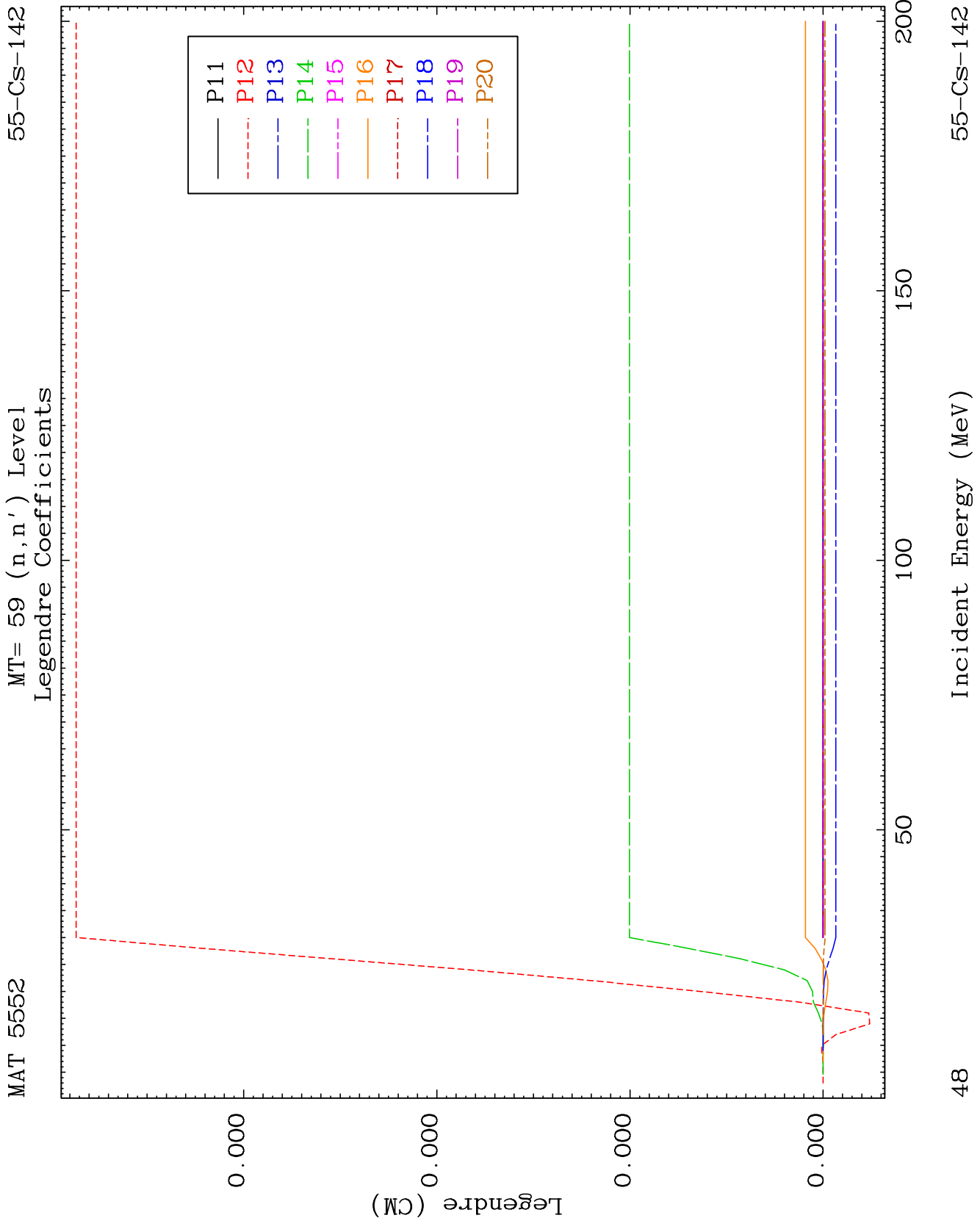


55-Cs-142

Incident Energy (MeV)

47



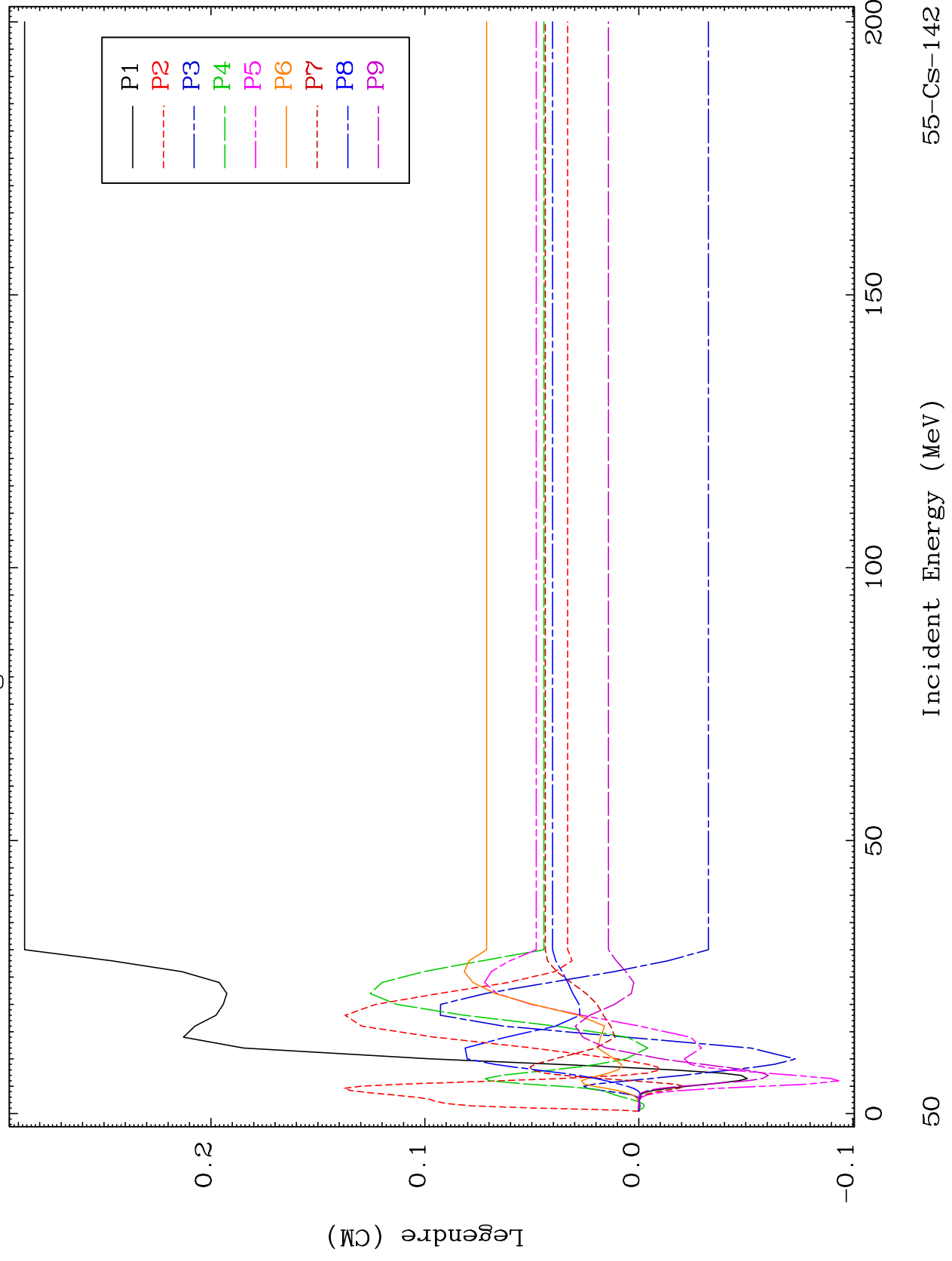




MAT 5552

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

55-Cs-142

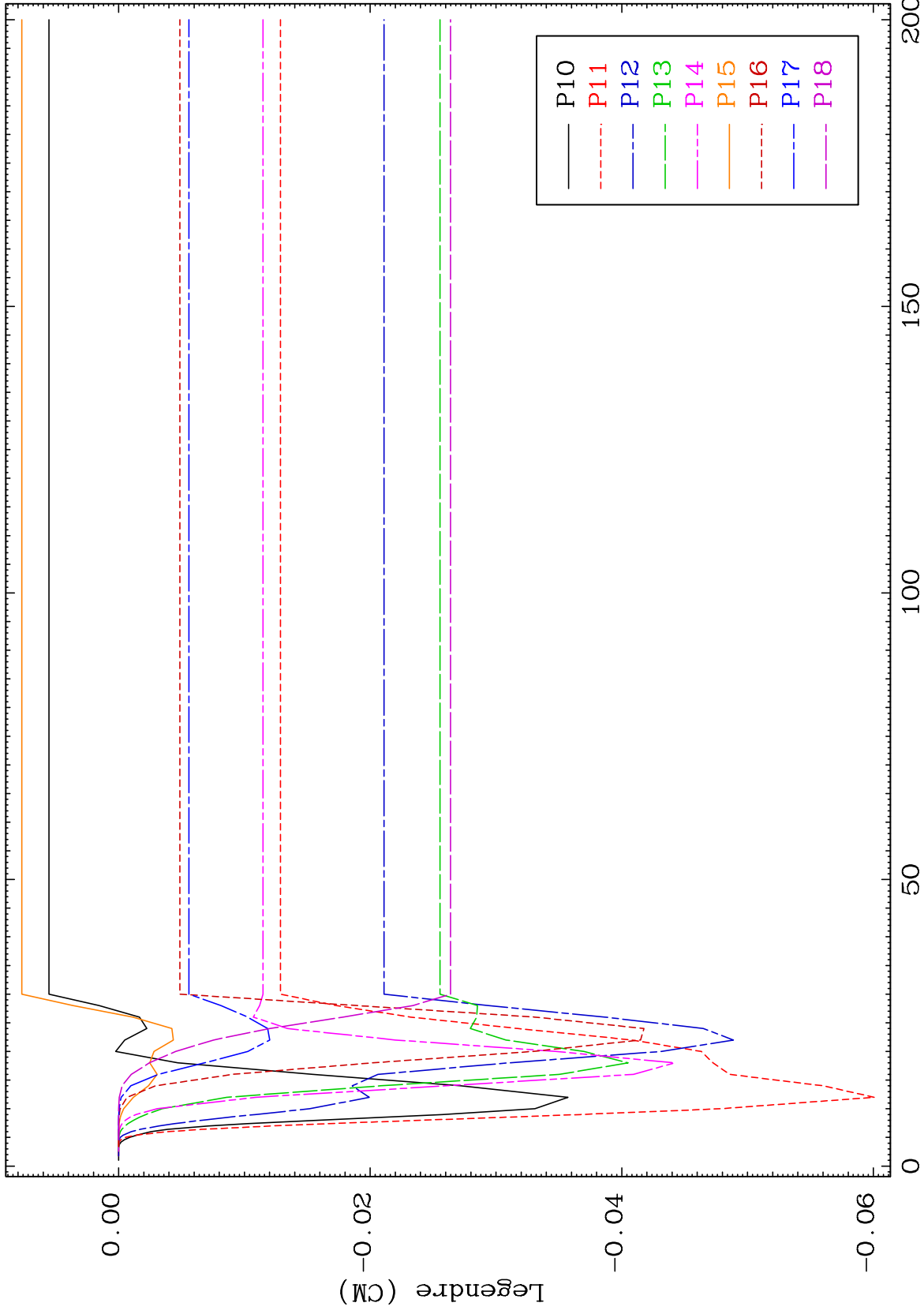


55-Cs-142

MAT 5552

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

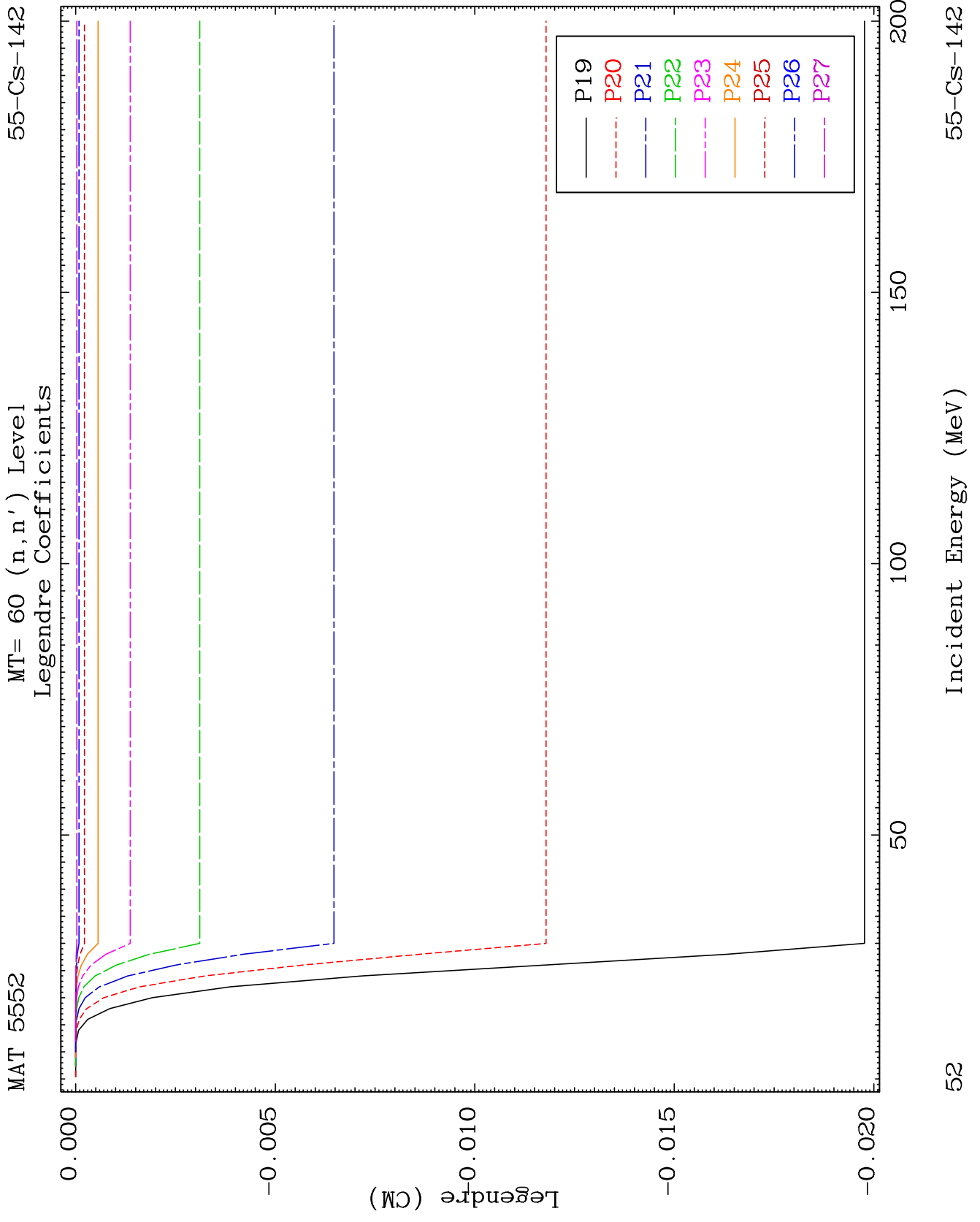
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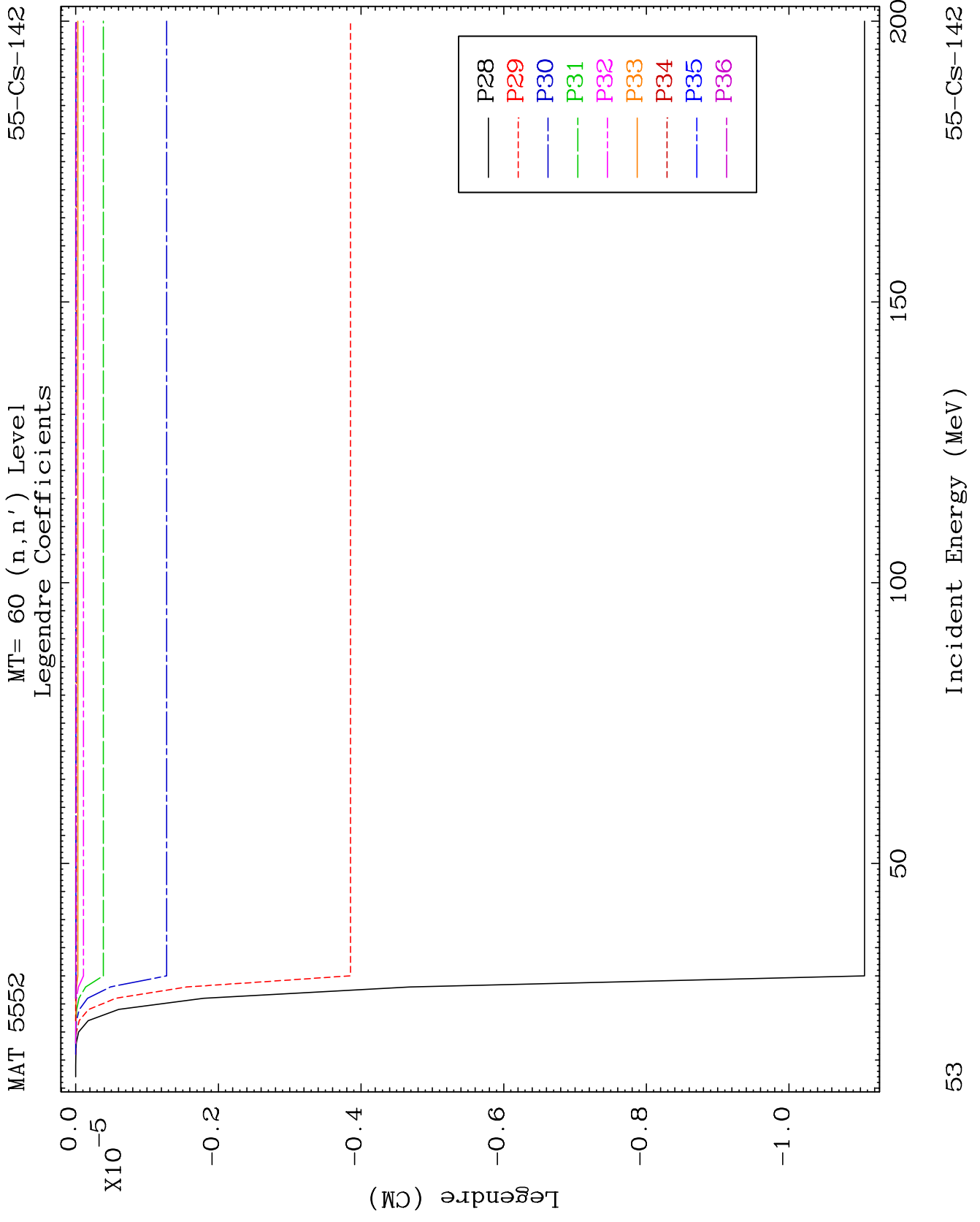


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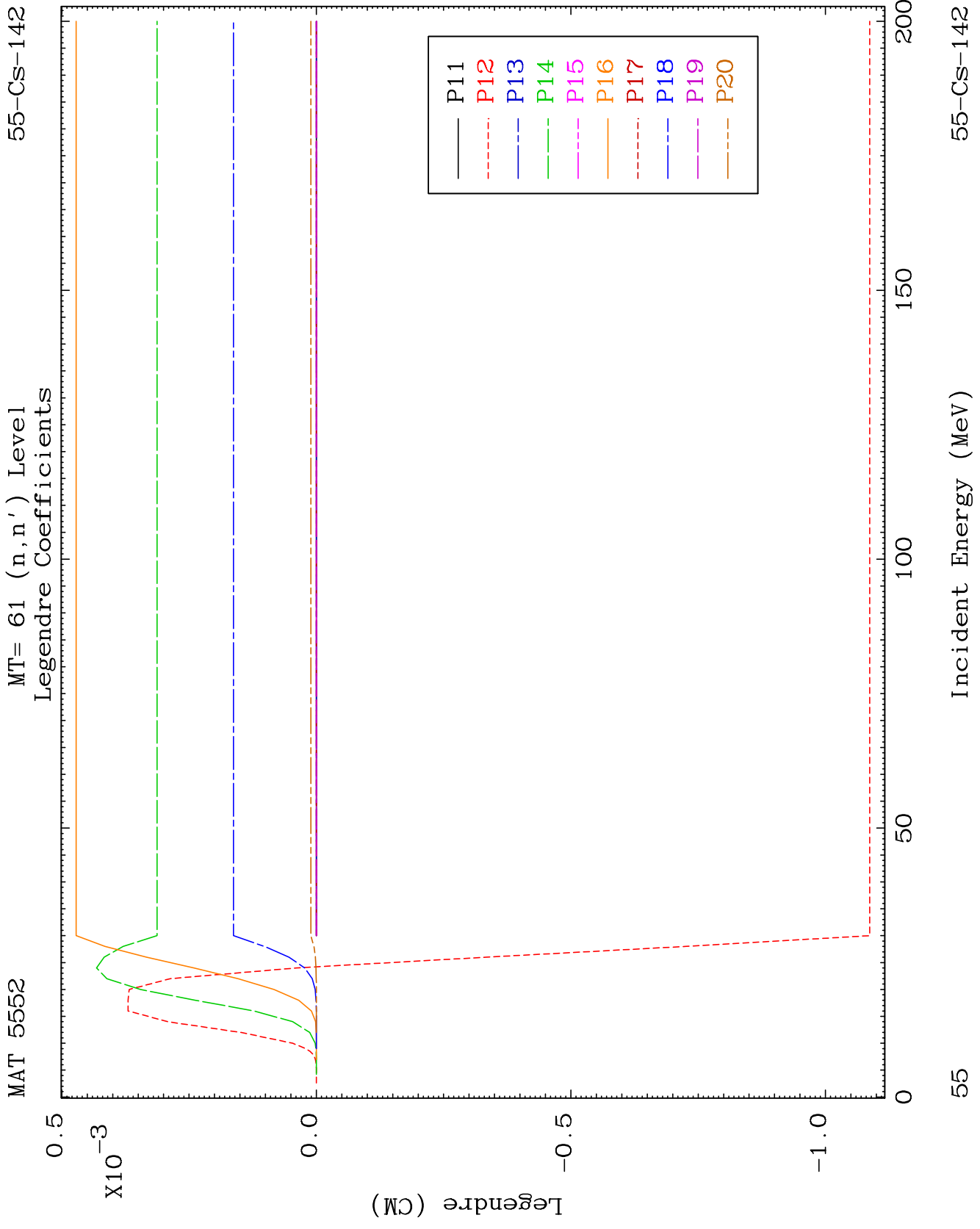
Incident Energy (MeV)

55-Cs-142

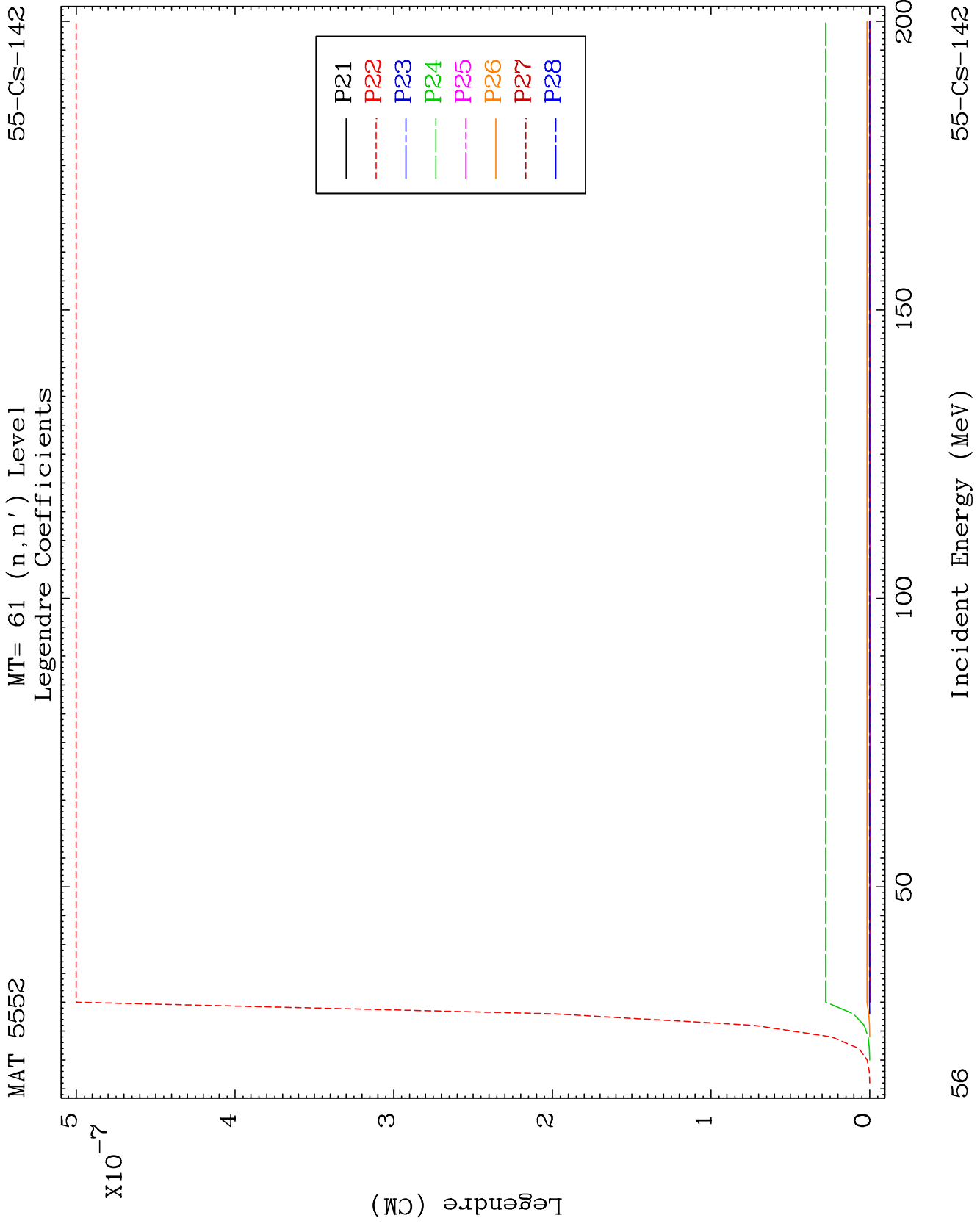








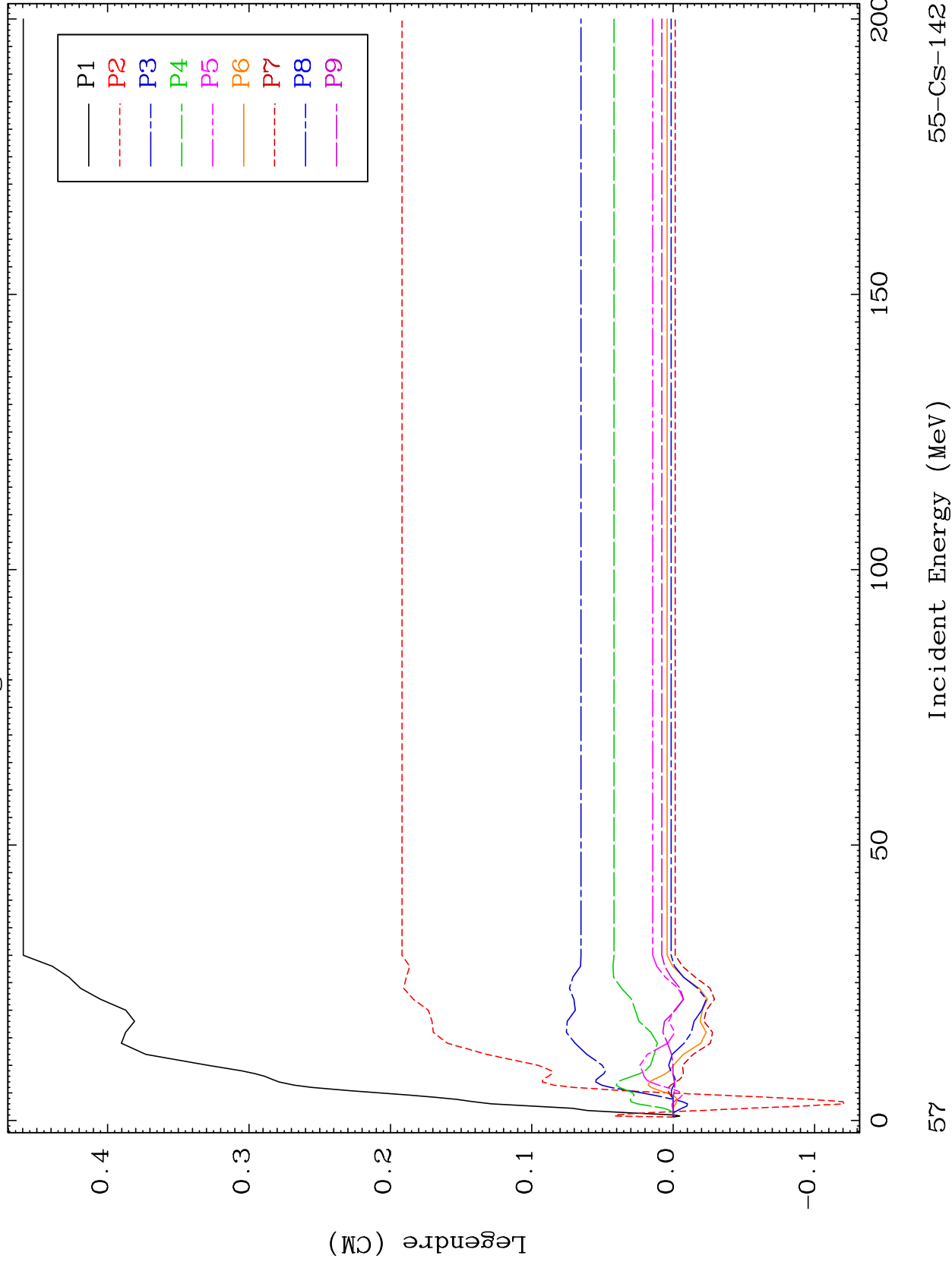




MAT 5552

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

55-Cs-142



55-Cs-142

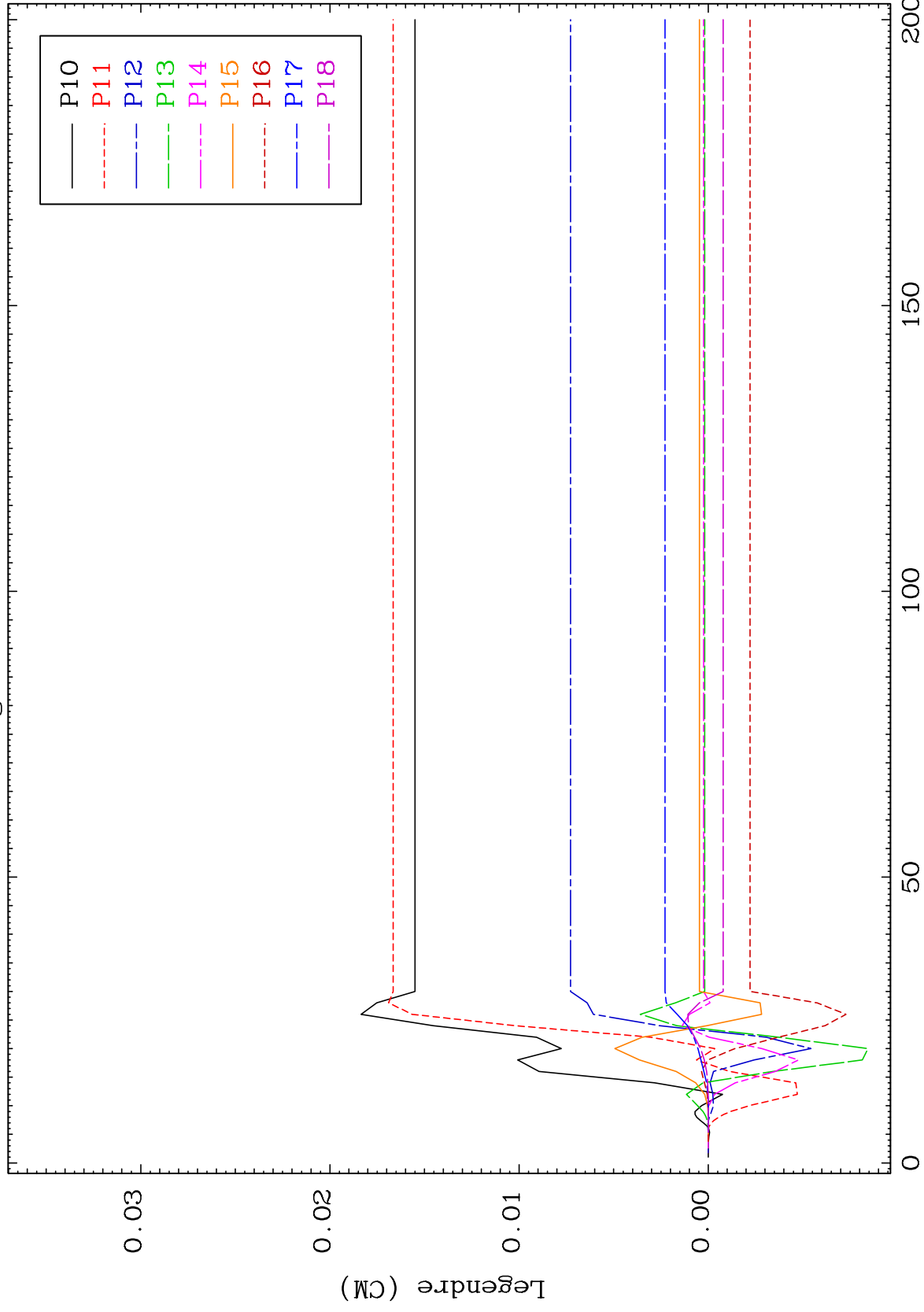
Incident Energy (MeV)

57

MAT 5552

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

55-Cs-142



58

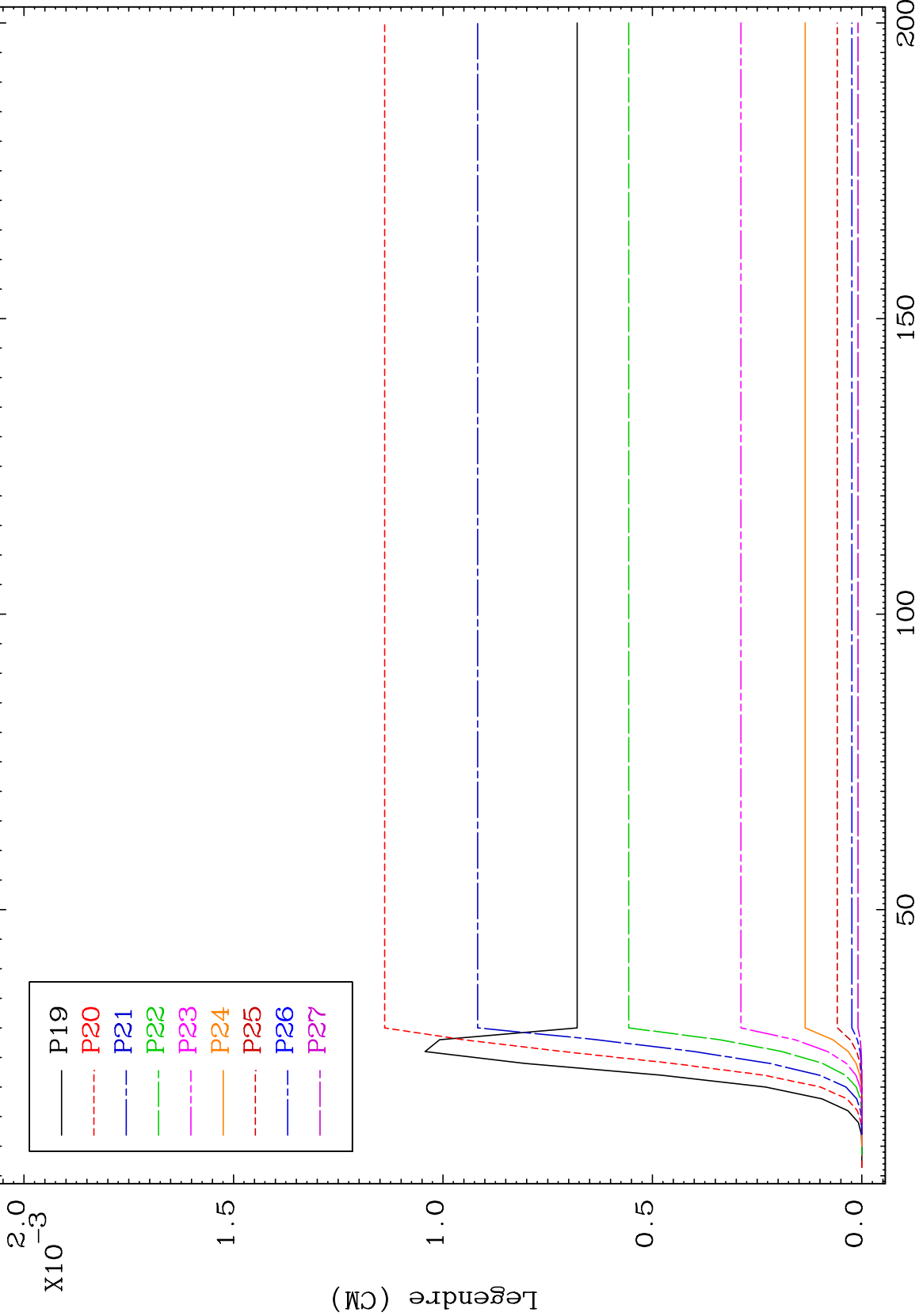
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



59

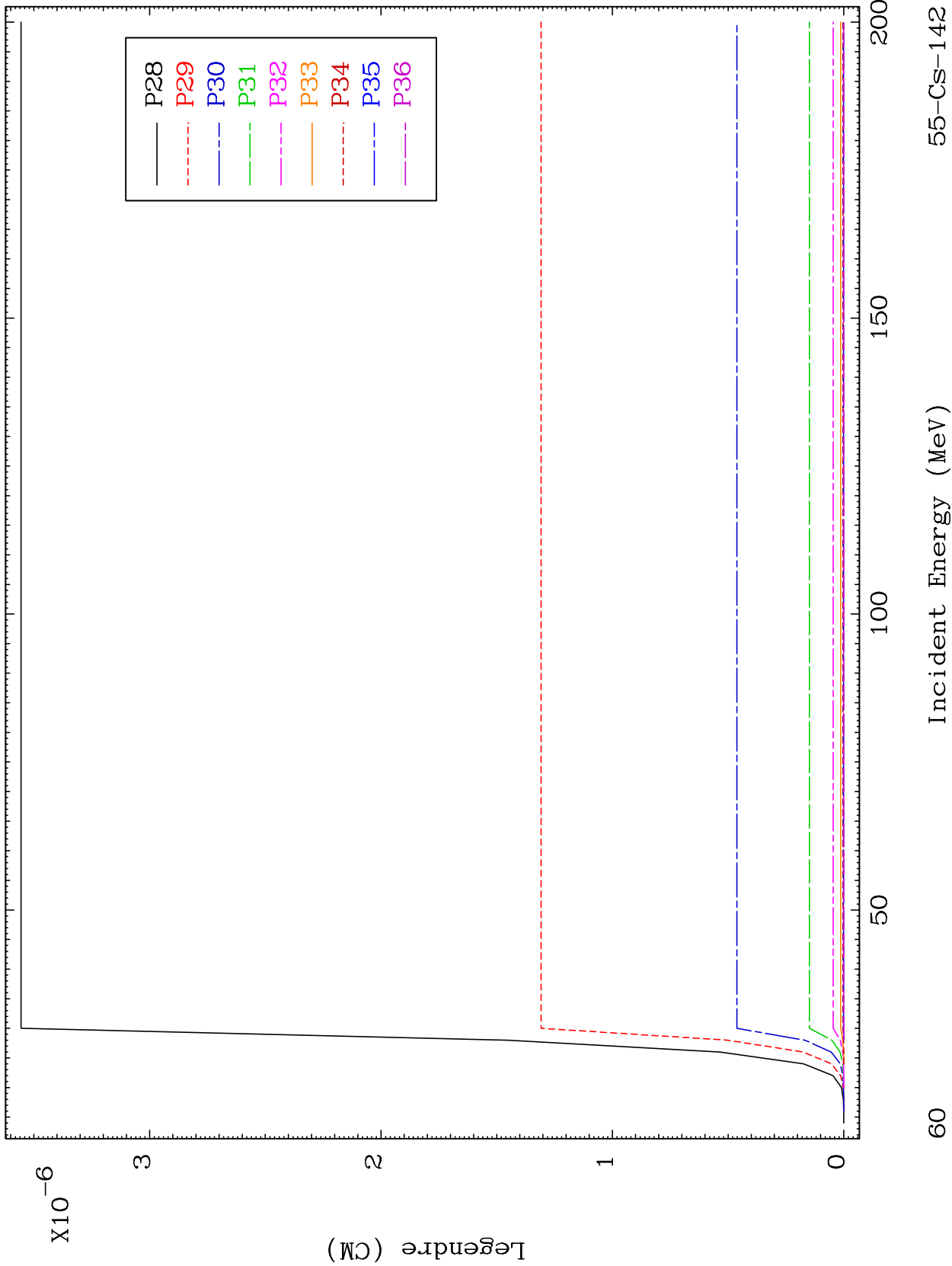
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

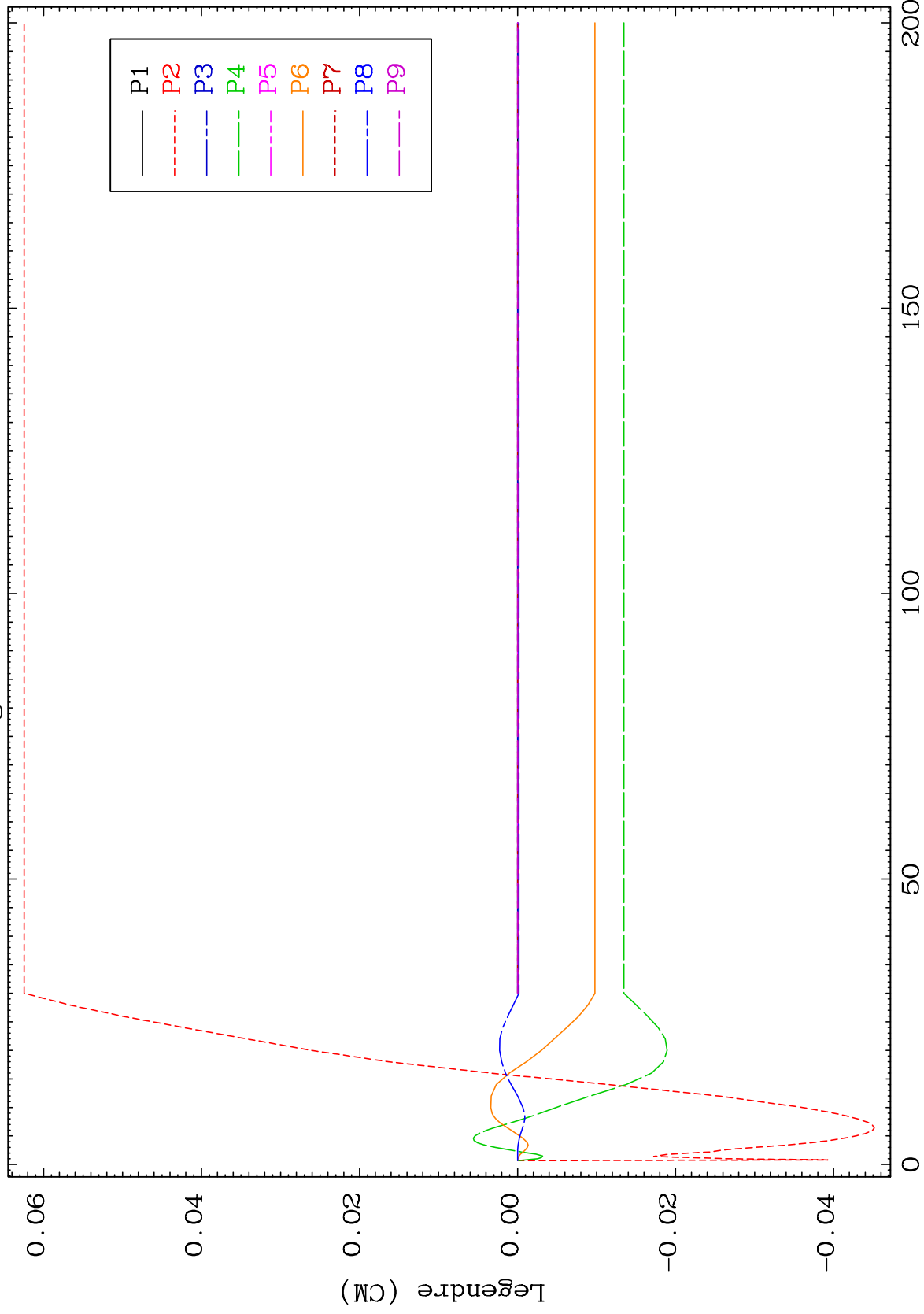
55-Cs-142



MAT 5552

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

55-Cs-142



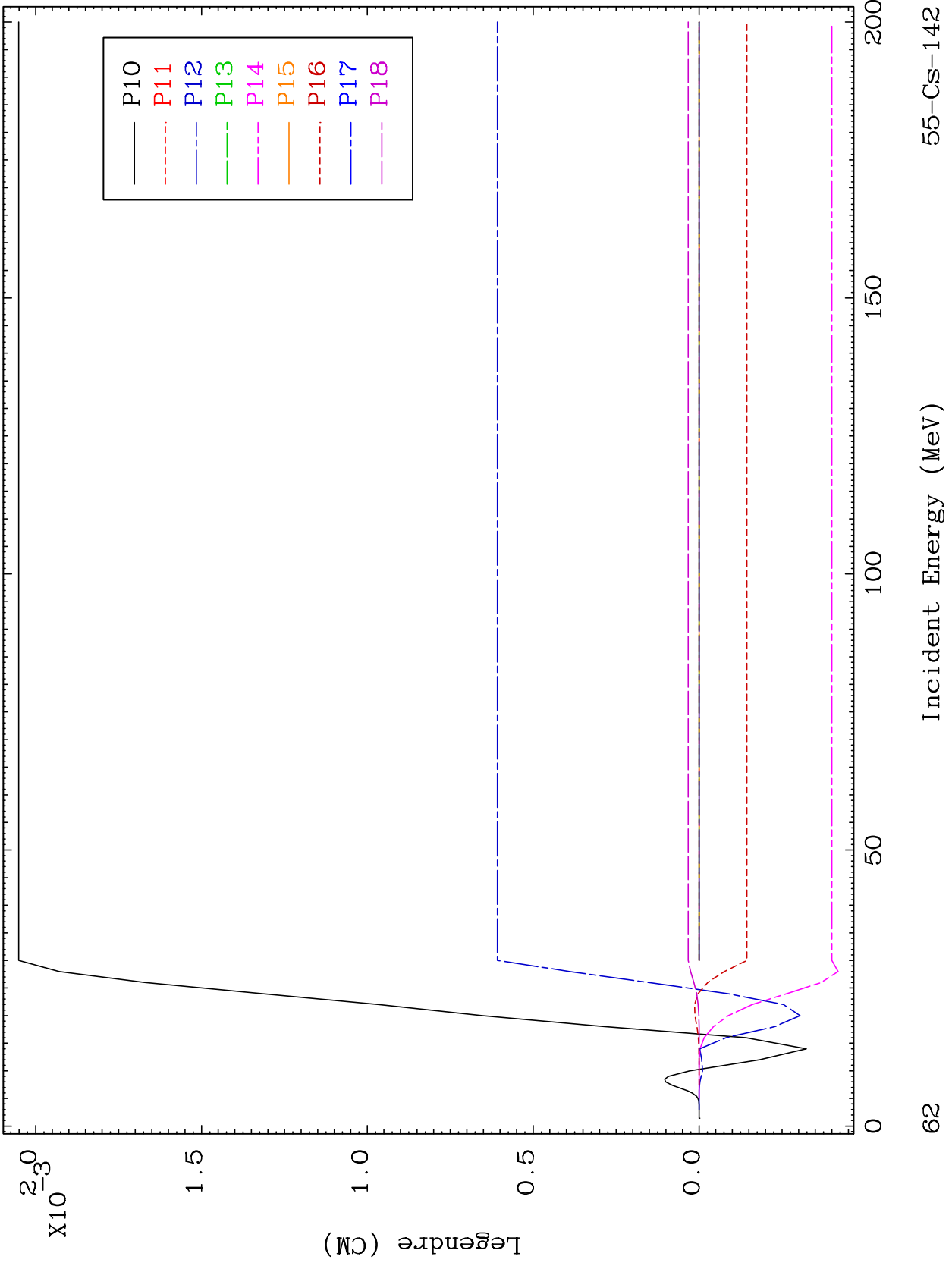
61

55-Cs-142

MAT 5552

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

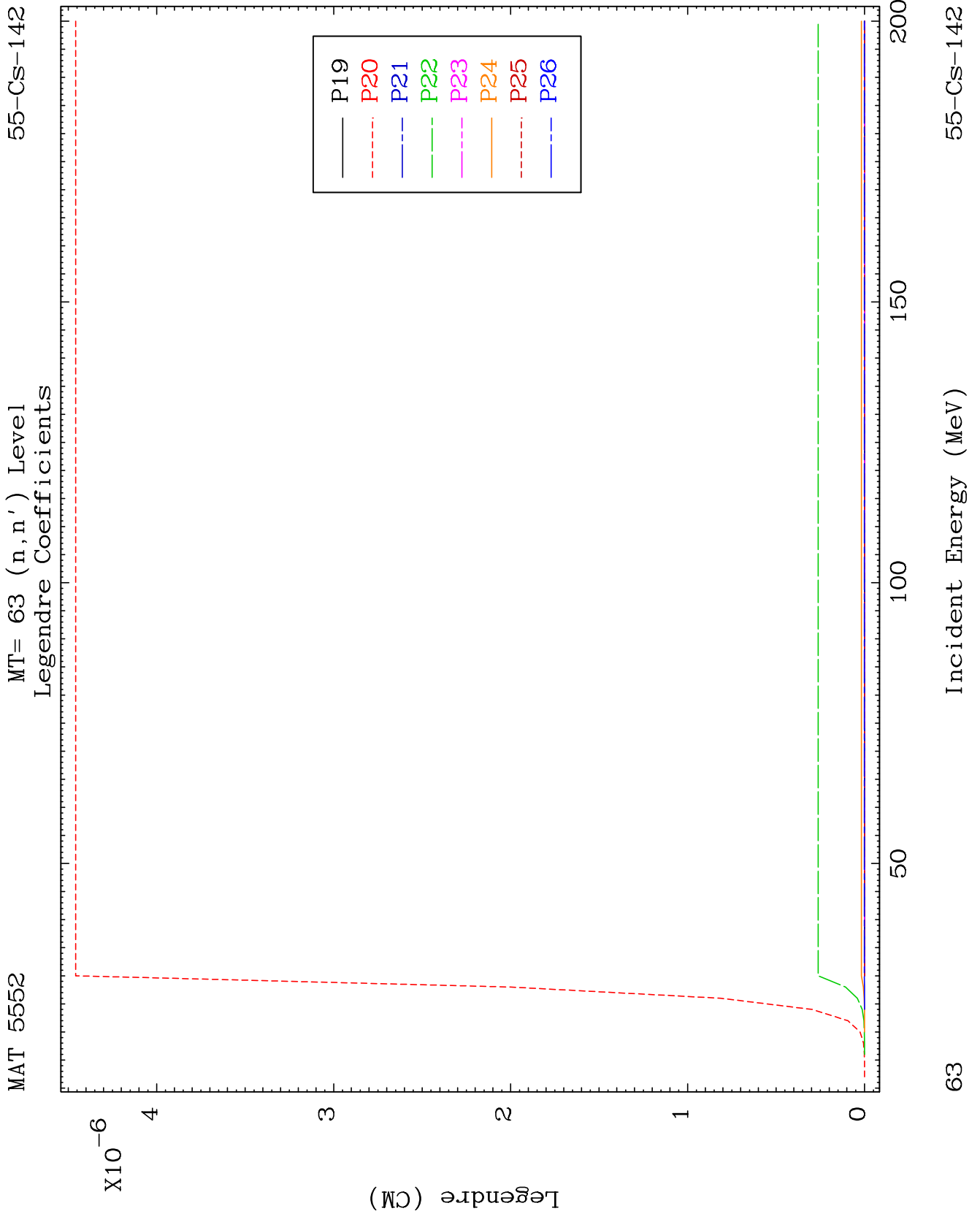
55-Cs-142



55-Cs-142

Incident Energy (MeV)

62





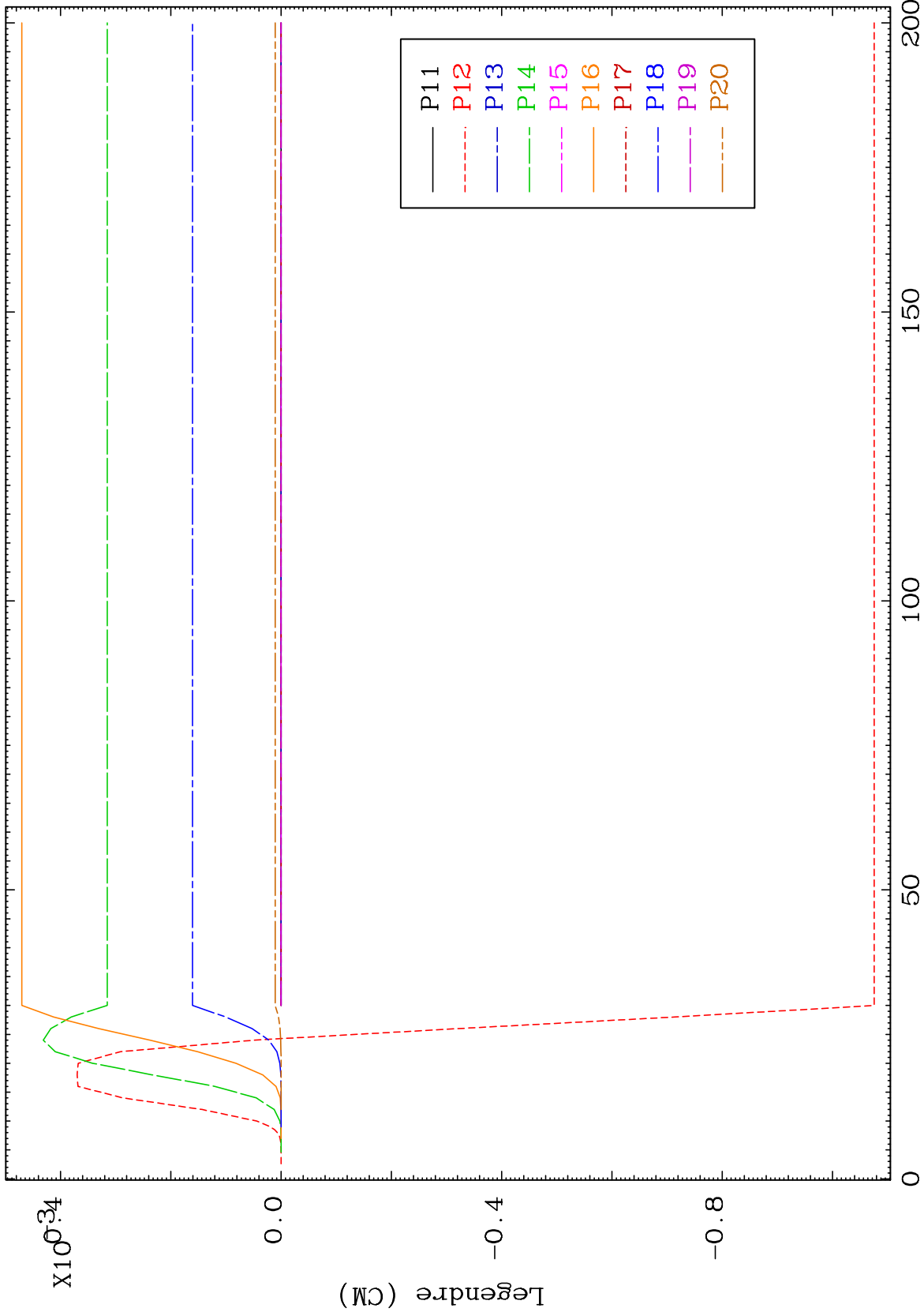


MAT 5552

MT= 64 (n,n') Level

55-Cs-142

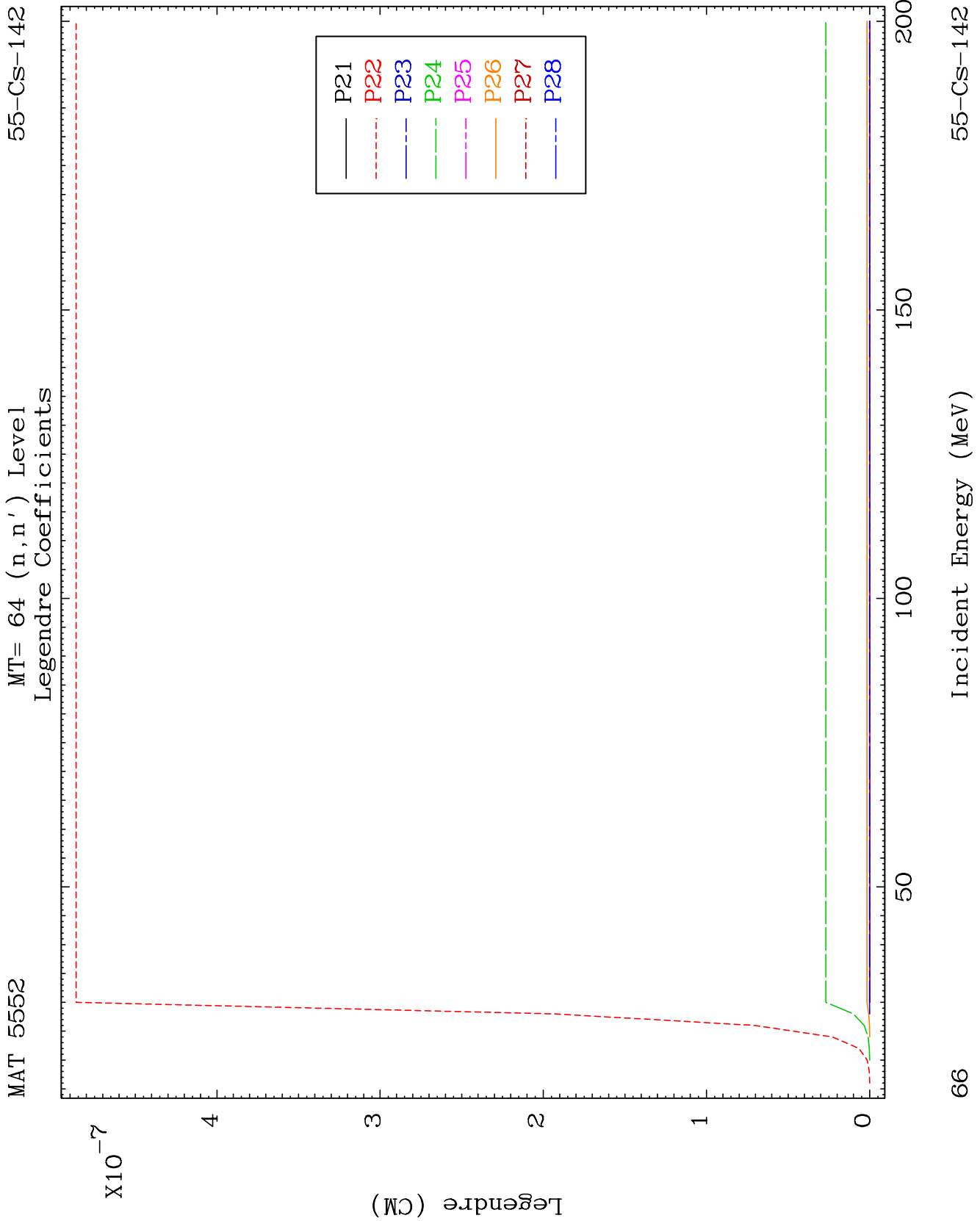
Legendre Coefficients



65

Incident Energy (MeV)

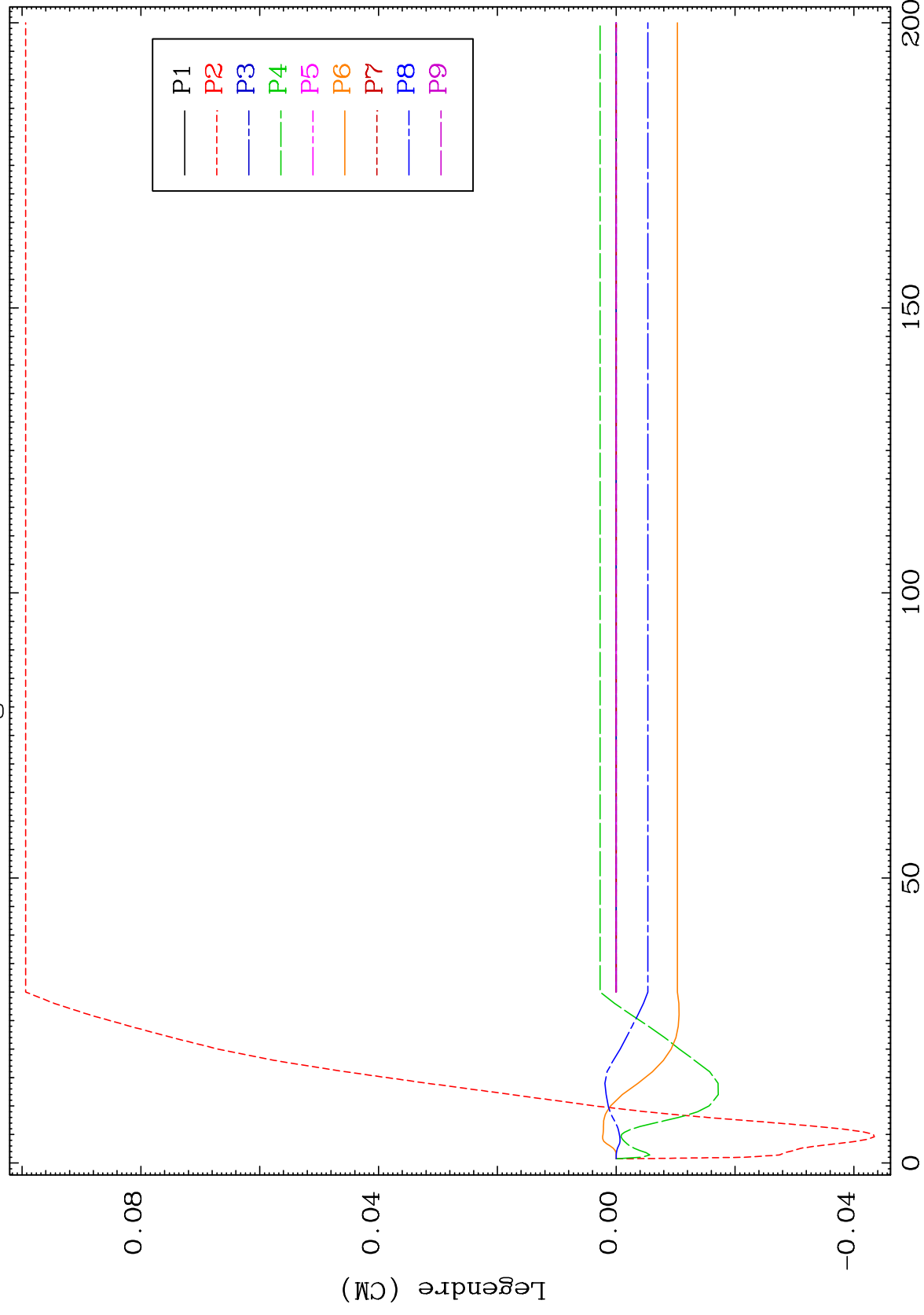
55-Cs-142



MAT 5552

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

55-Cs-142



67

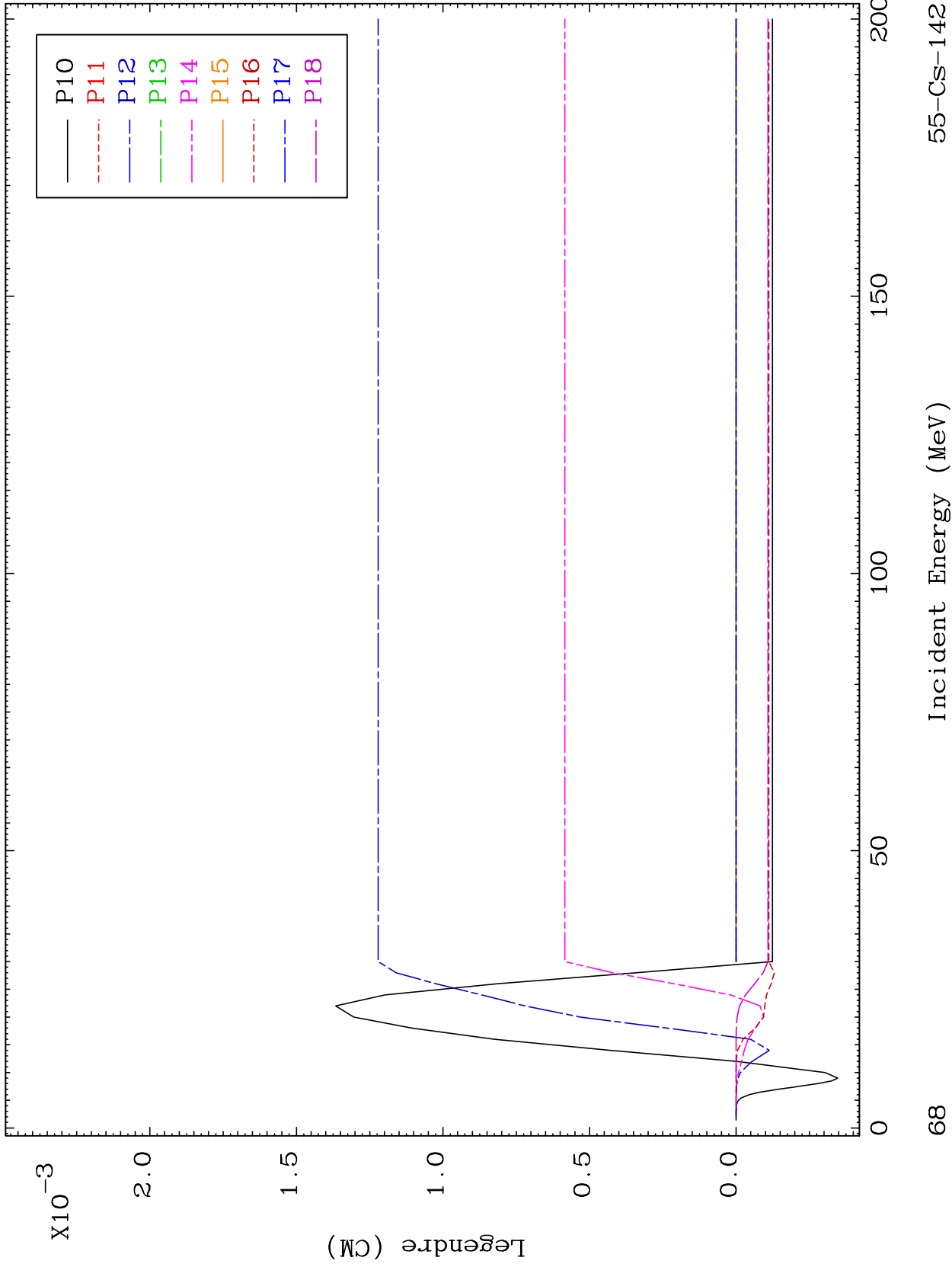
Incident Energy (MeV)

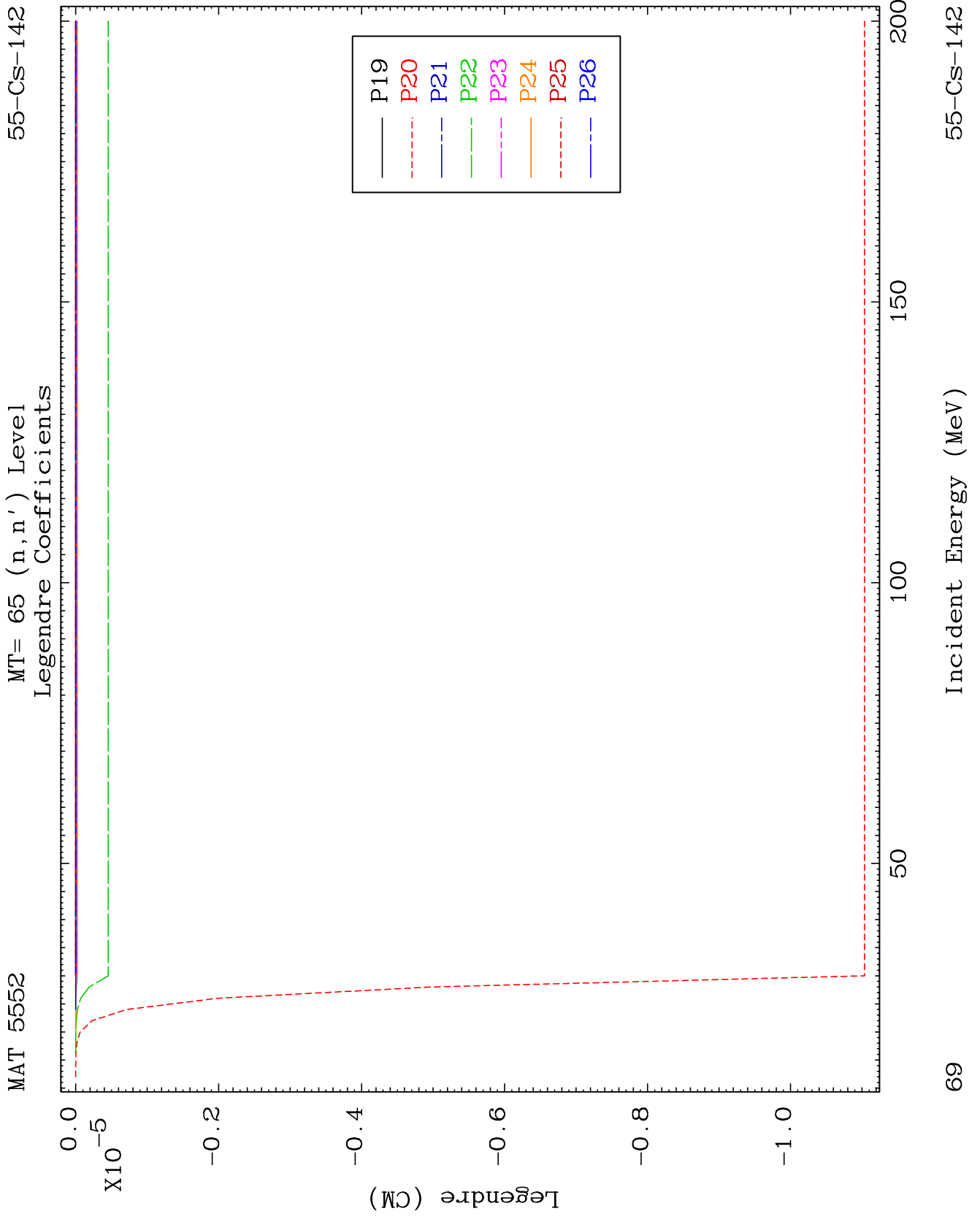
55-Cs-142

MAT 5552

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

55-Cs-142

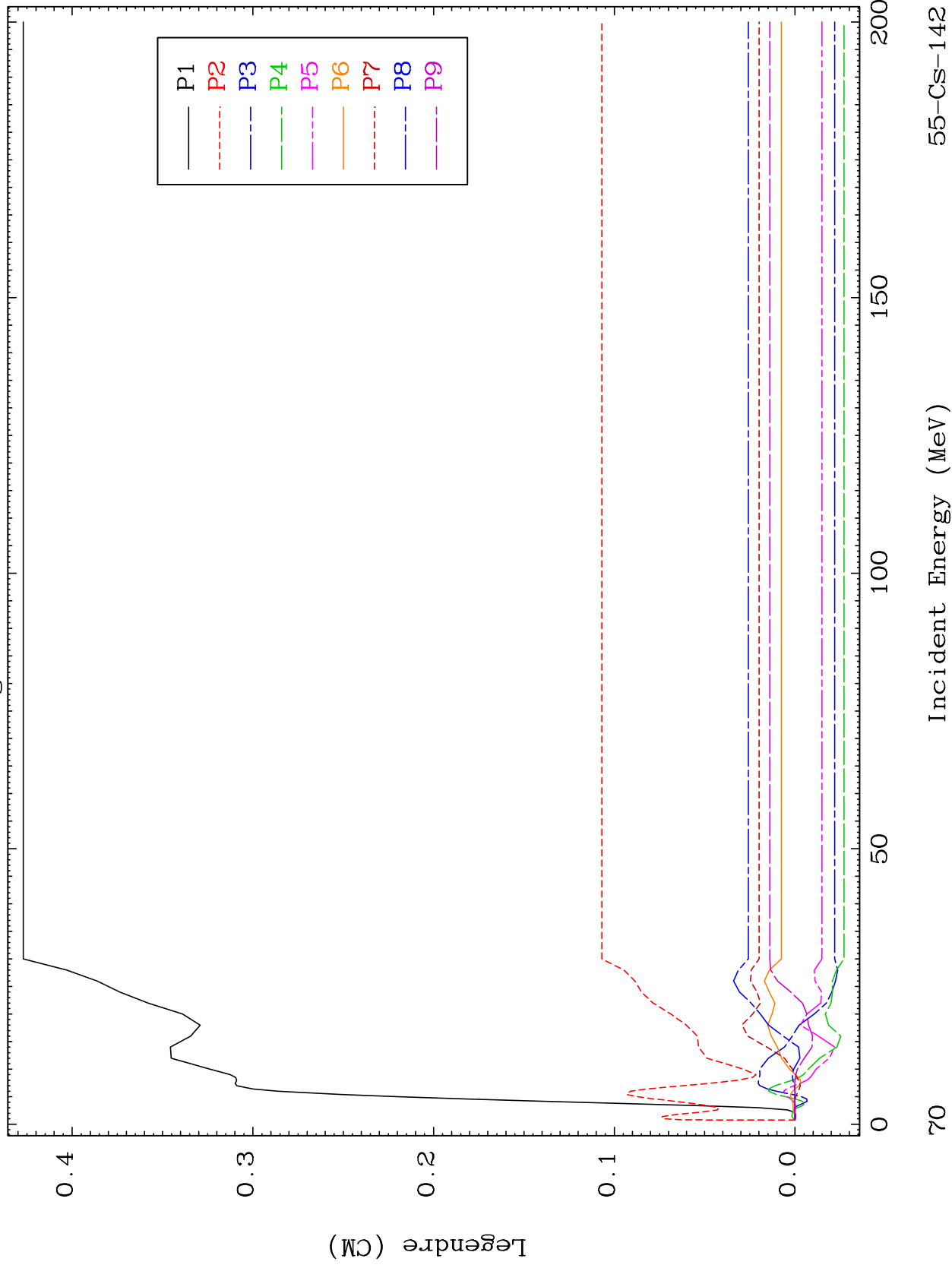




MAT 5552

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

55-Cs-142



55-Cs-142

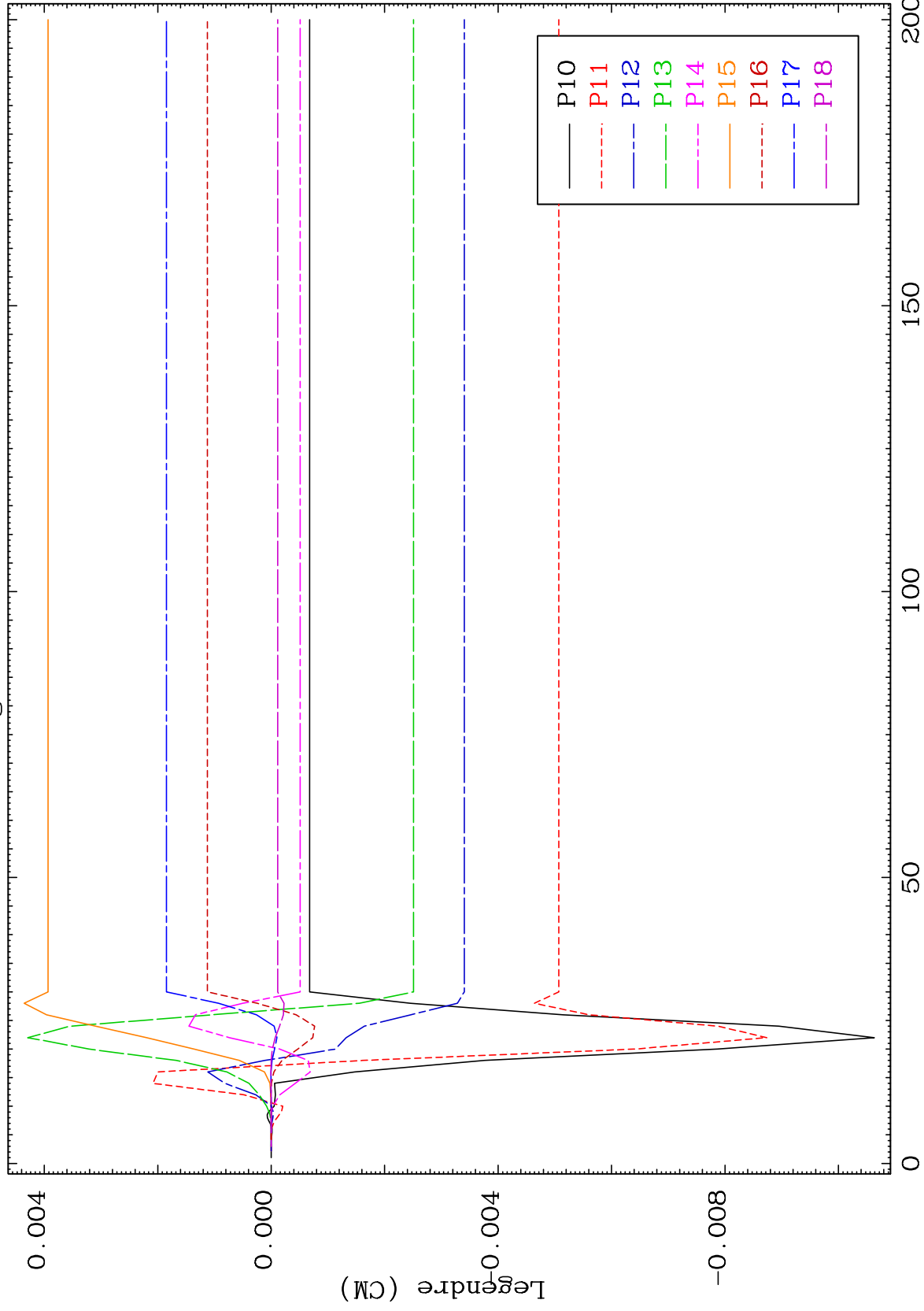
Incident Energy (MeV)

70

MAT 5552

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

55-Cs-142

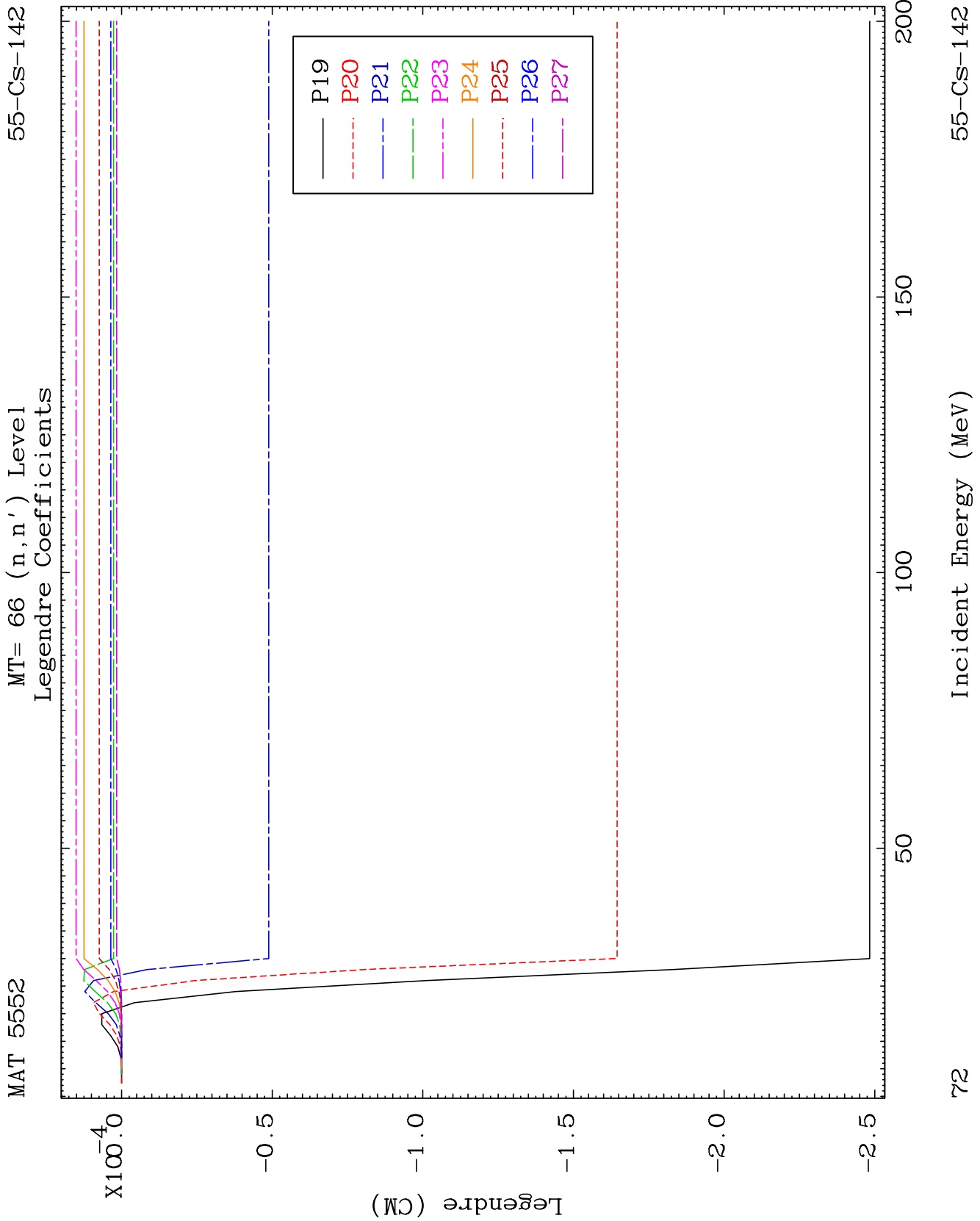


71

Incident Energy (MeV)

55-Cs-142

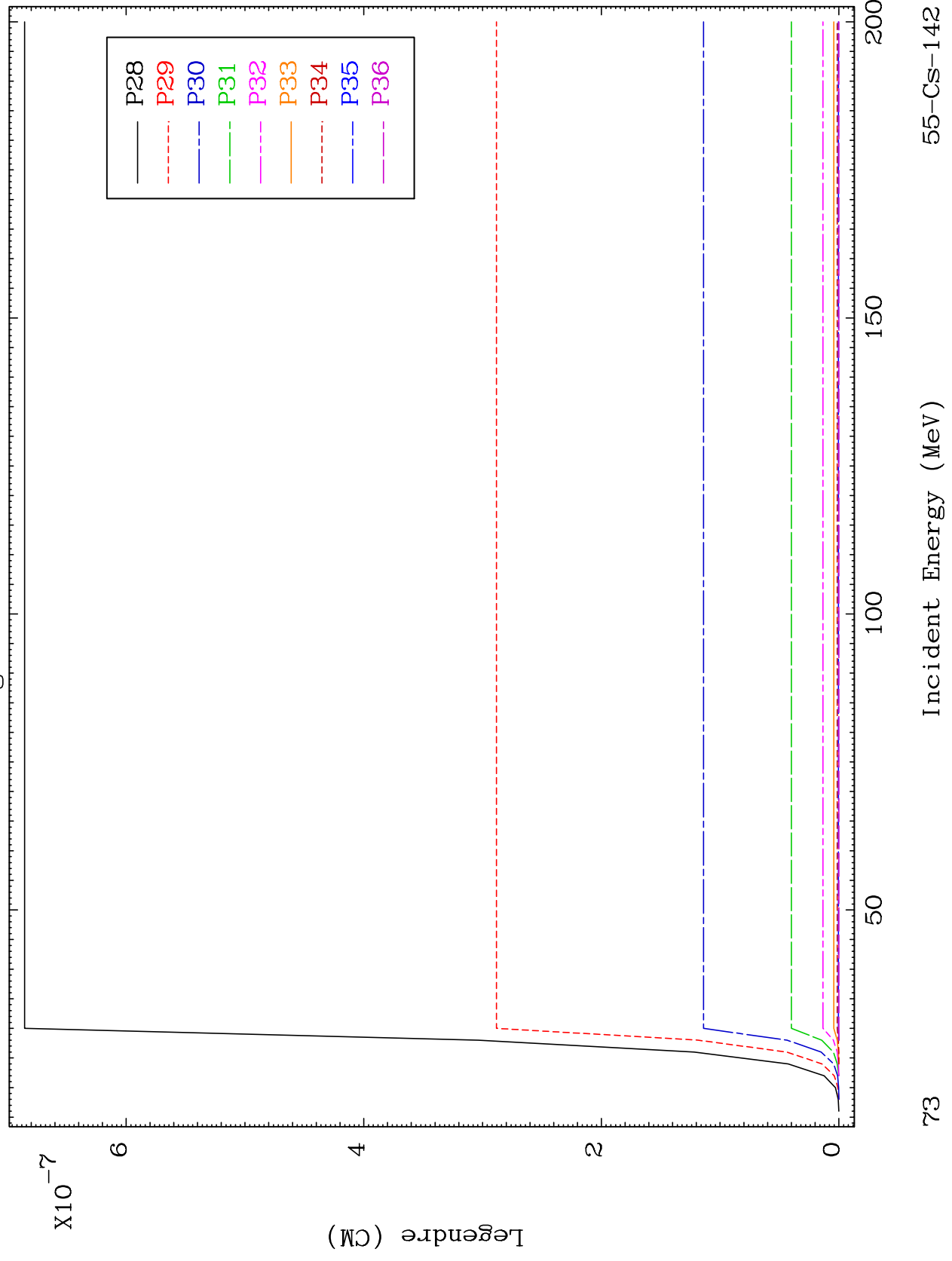




MAT 5552

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

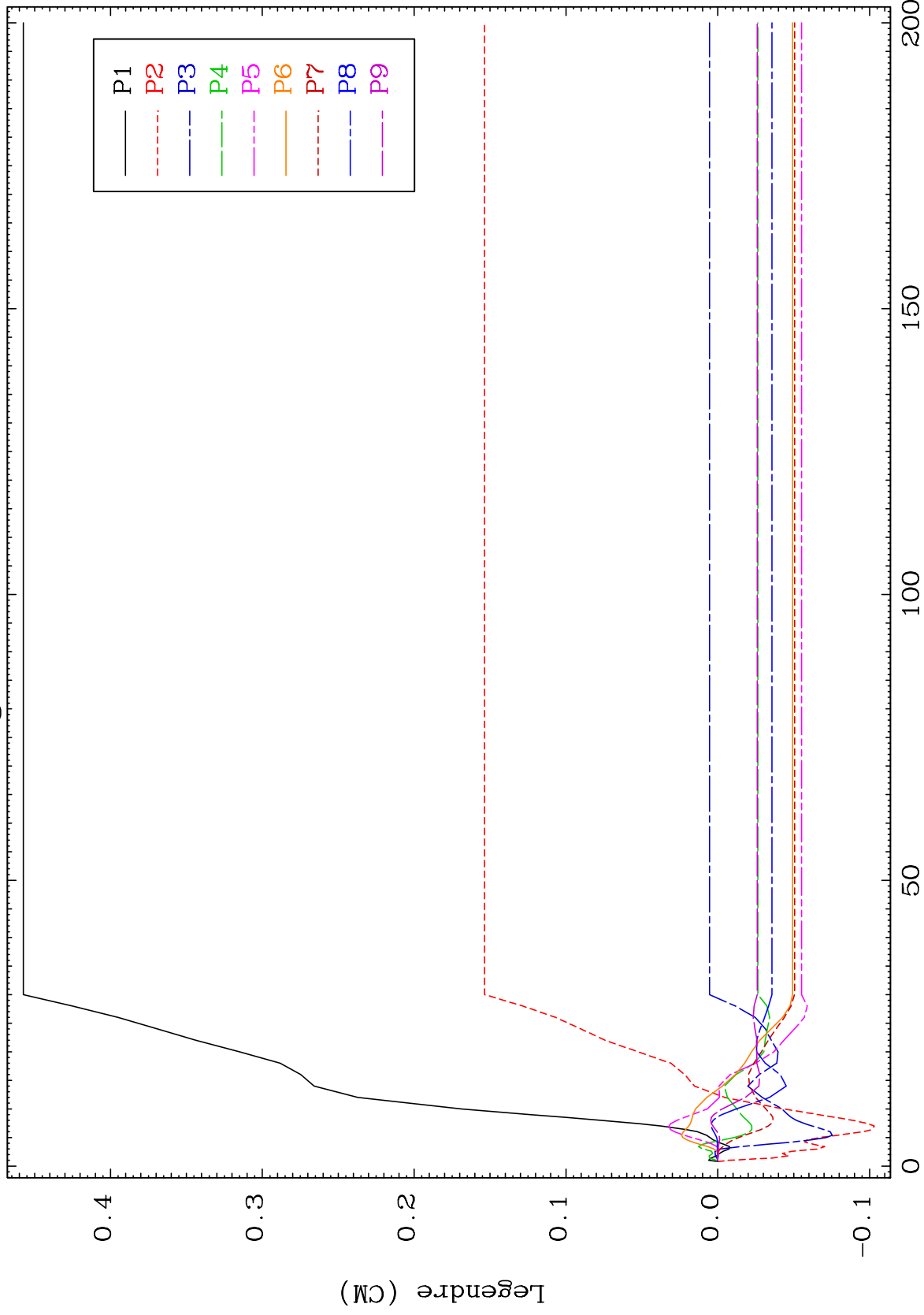
55-Cs-142



MAT 5552

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

55-Cs-142



74

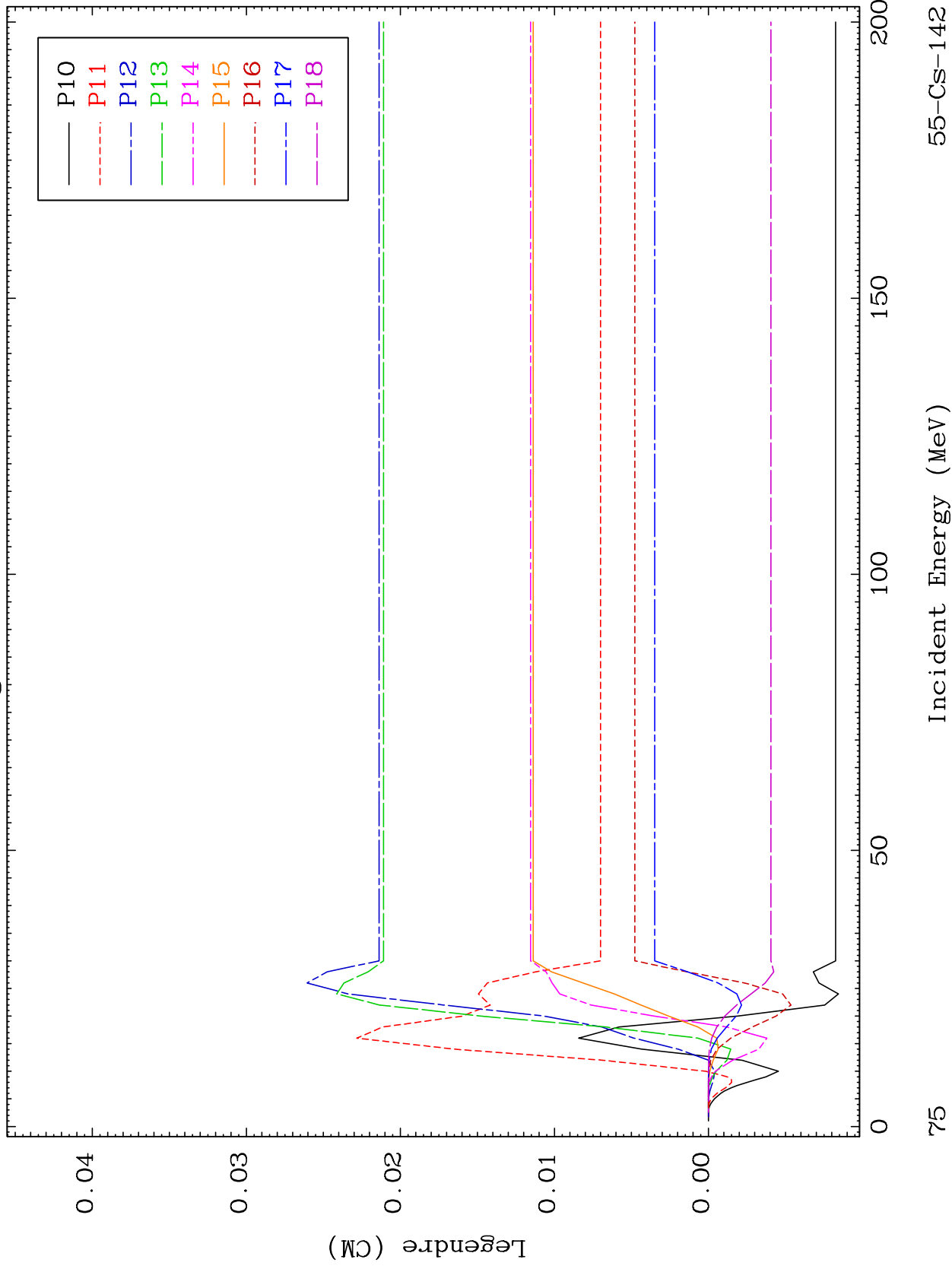
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

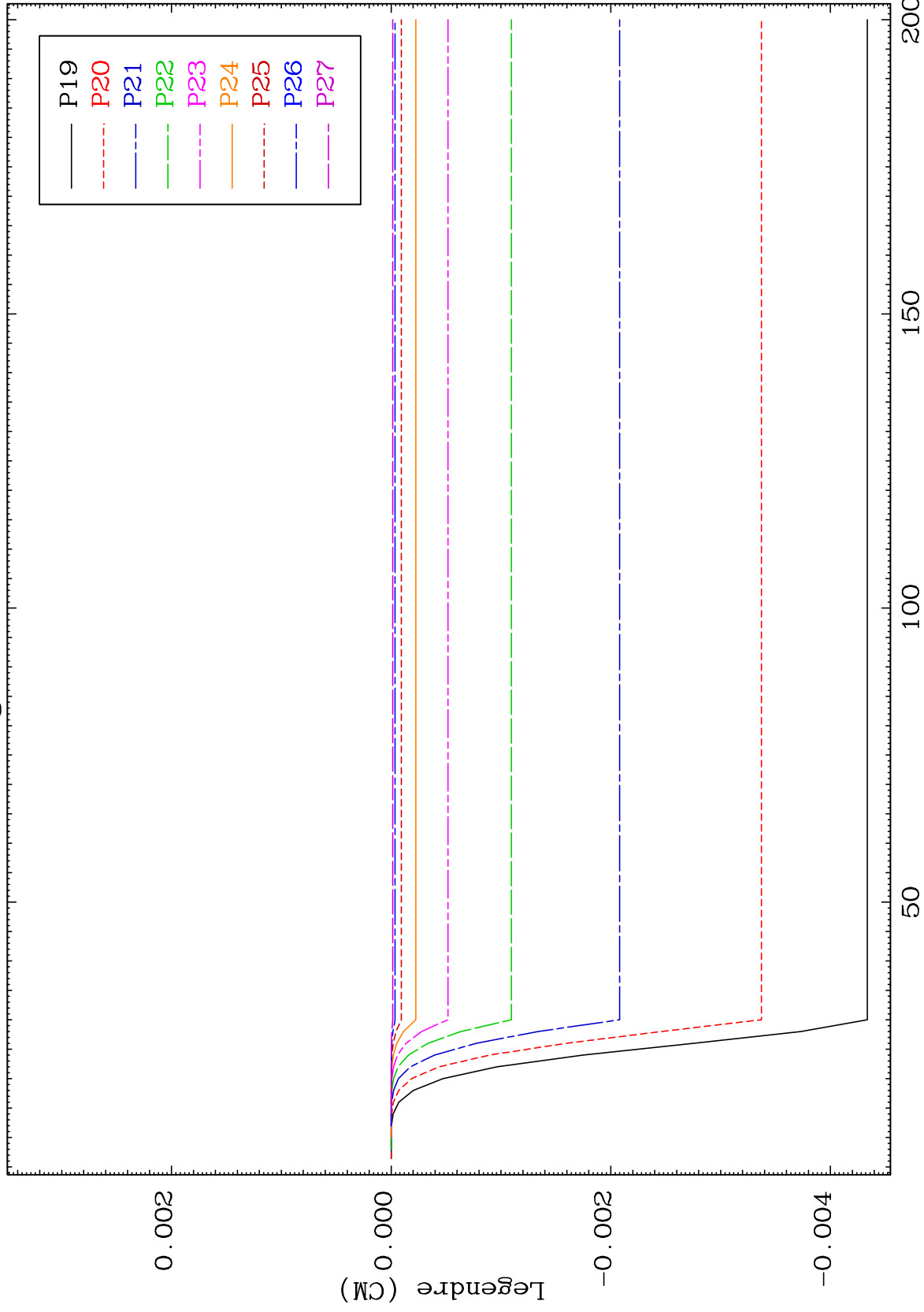
55-Cs-142



MAT 5552

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

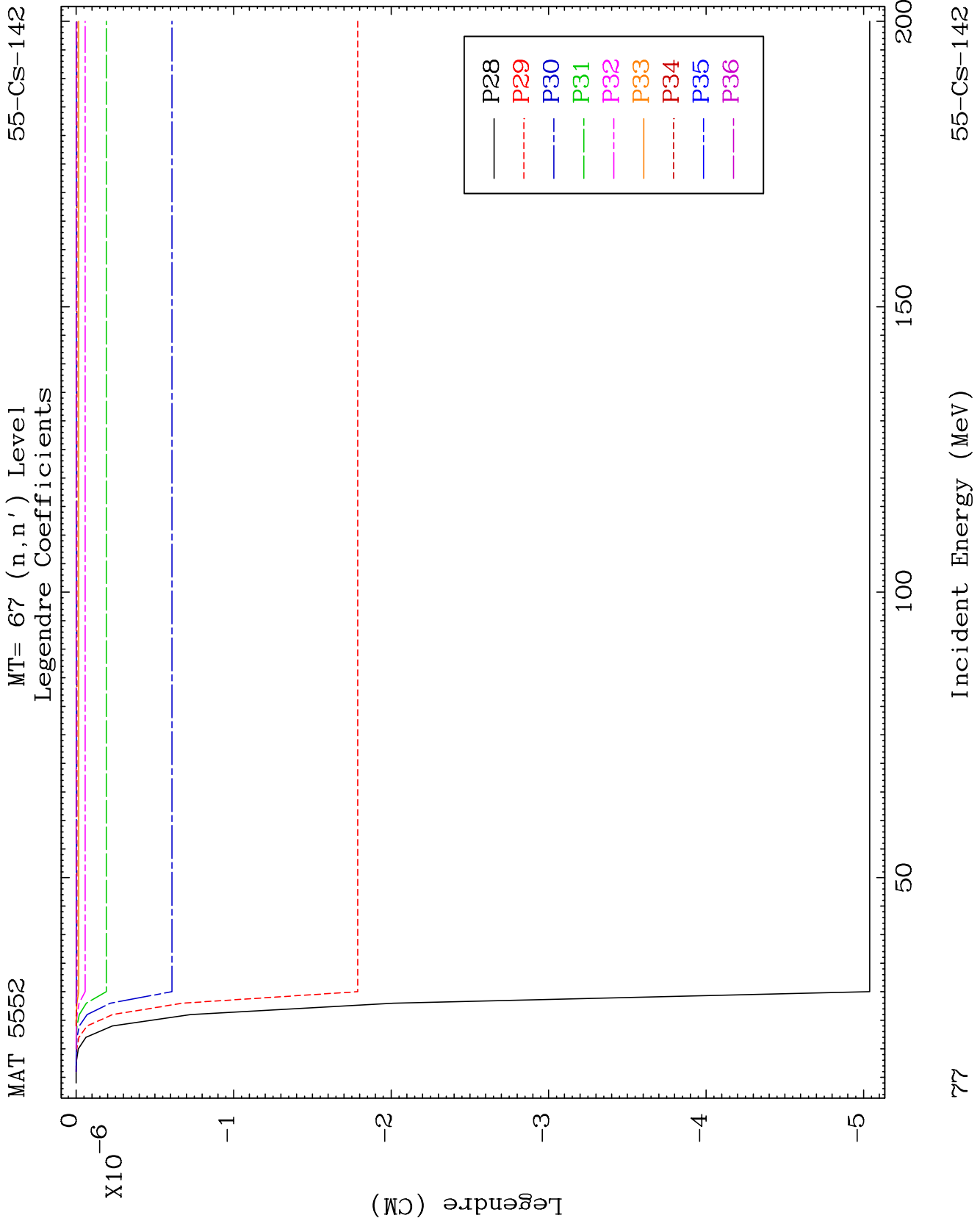
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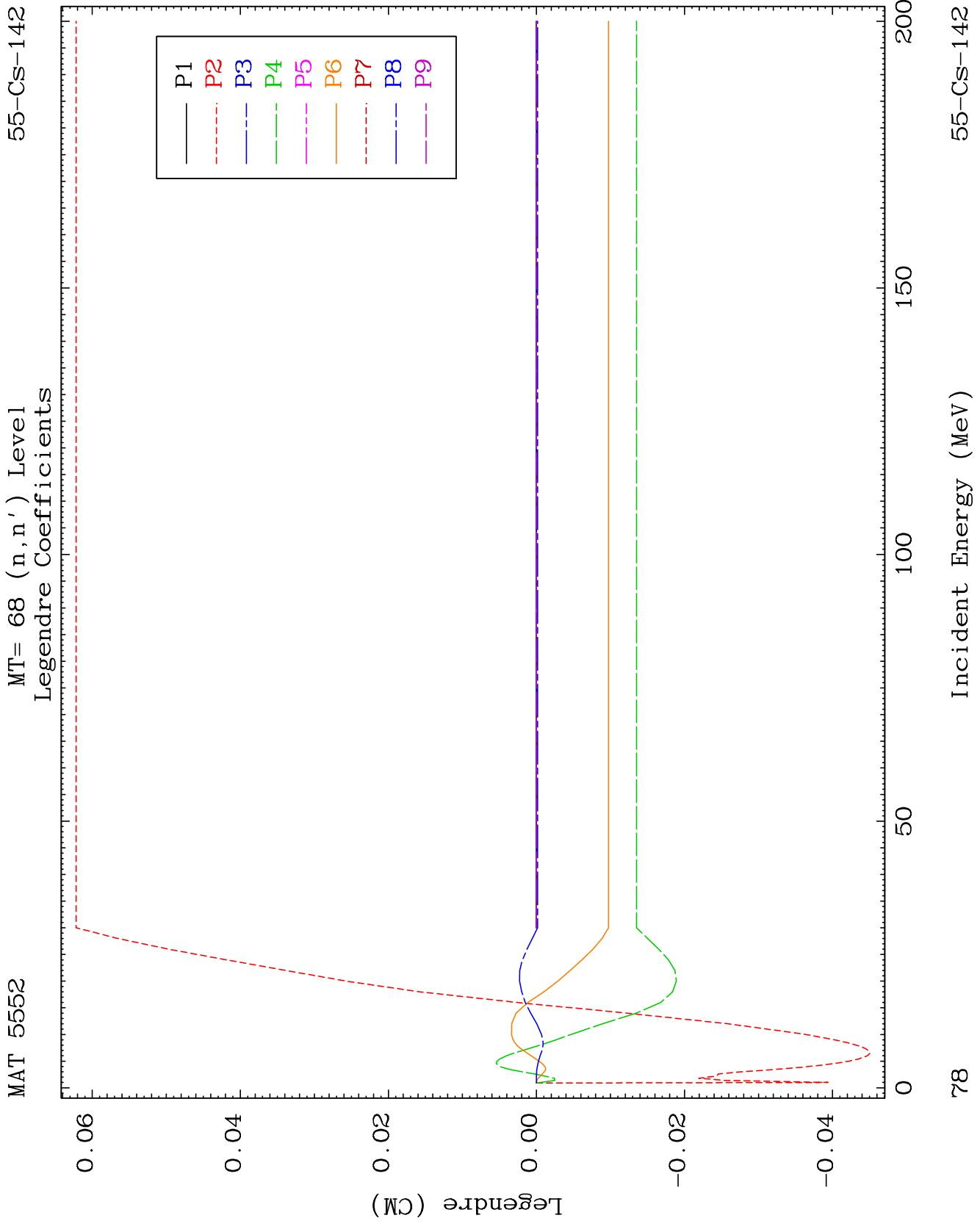


76

Incident Energy (MeV)

55-Cs-142

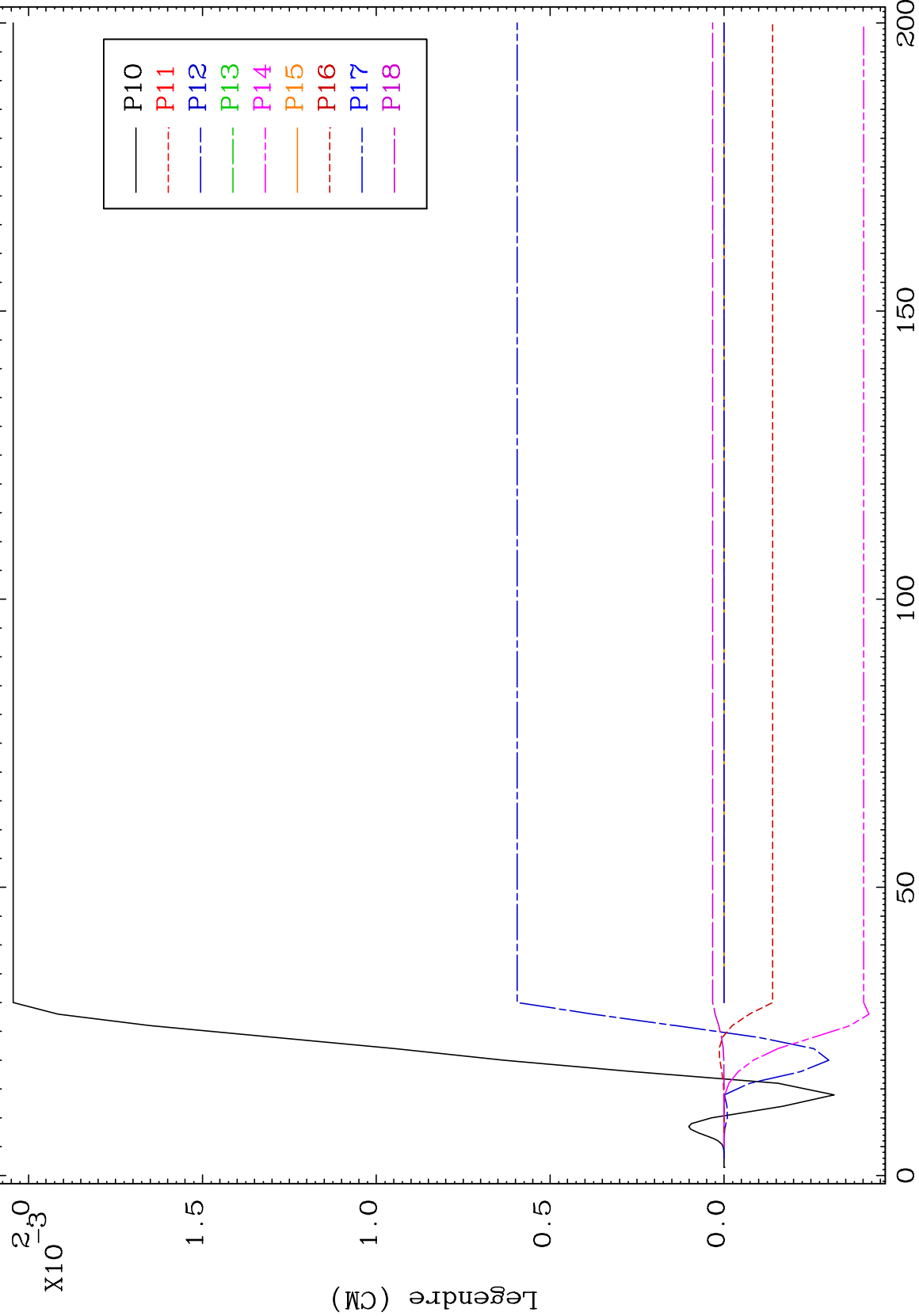




MAT 5552

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

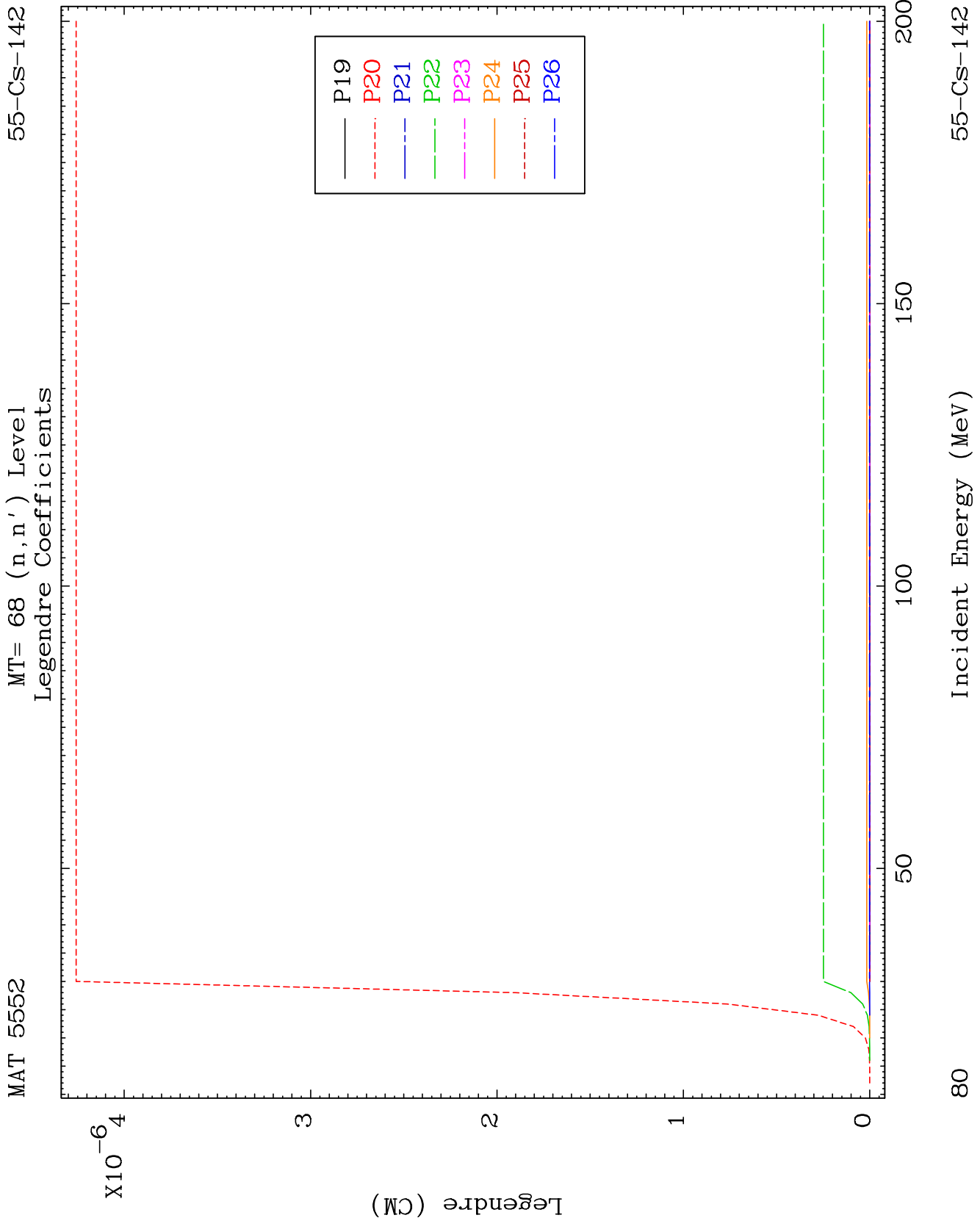
55-Cs-142



79

55-Cs-142

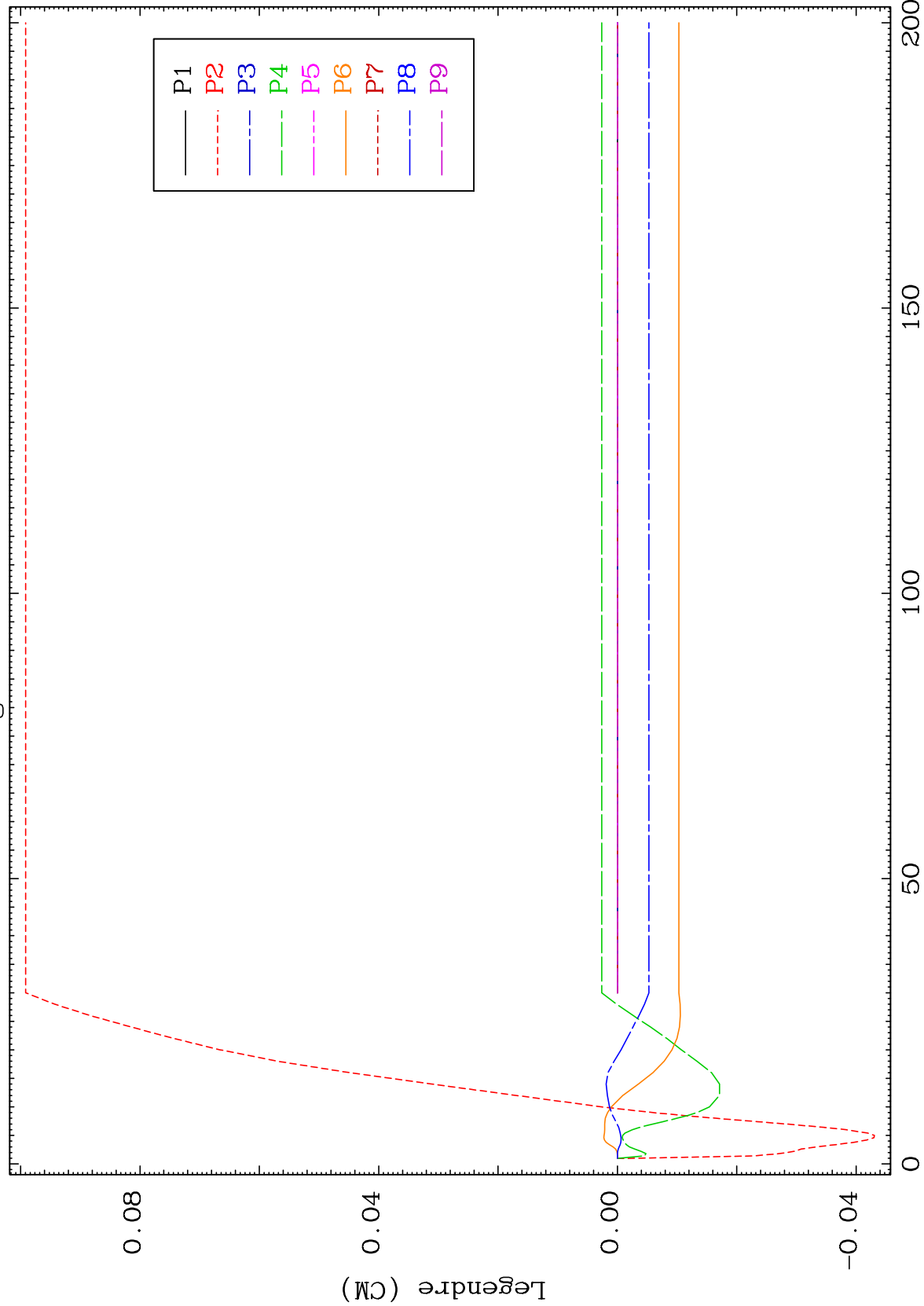




MAT 5552

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

55-Cs-142

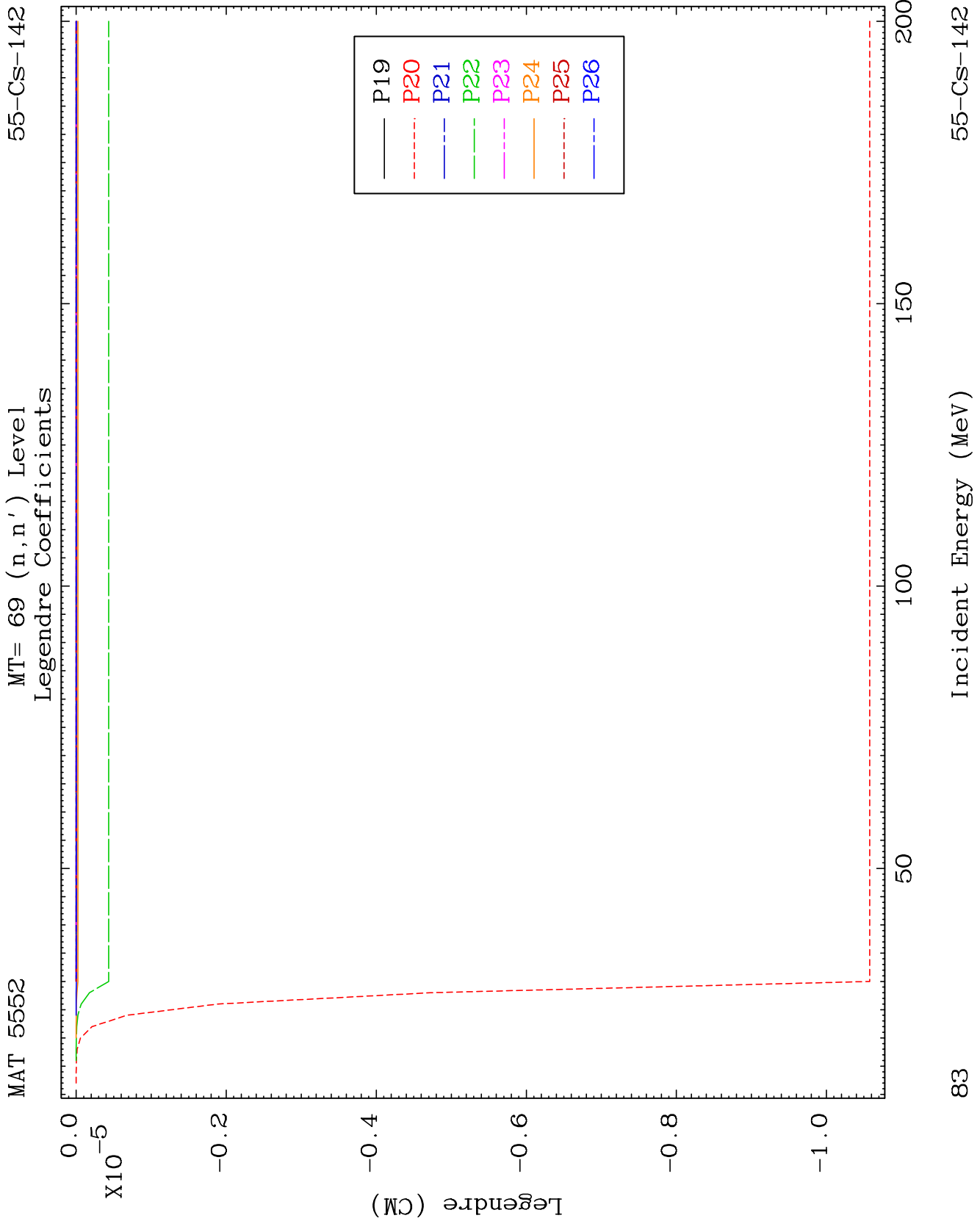


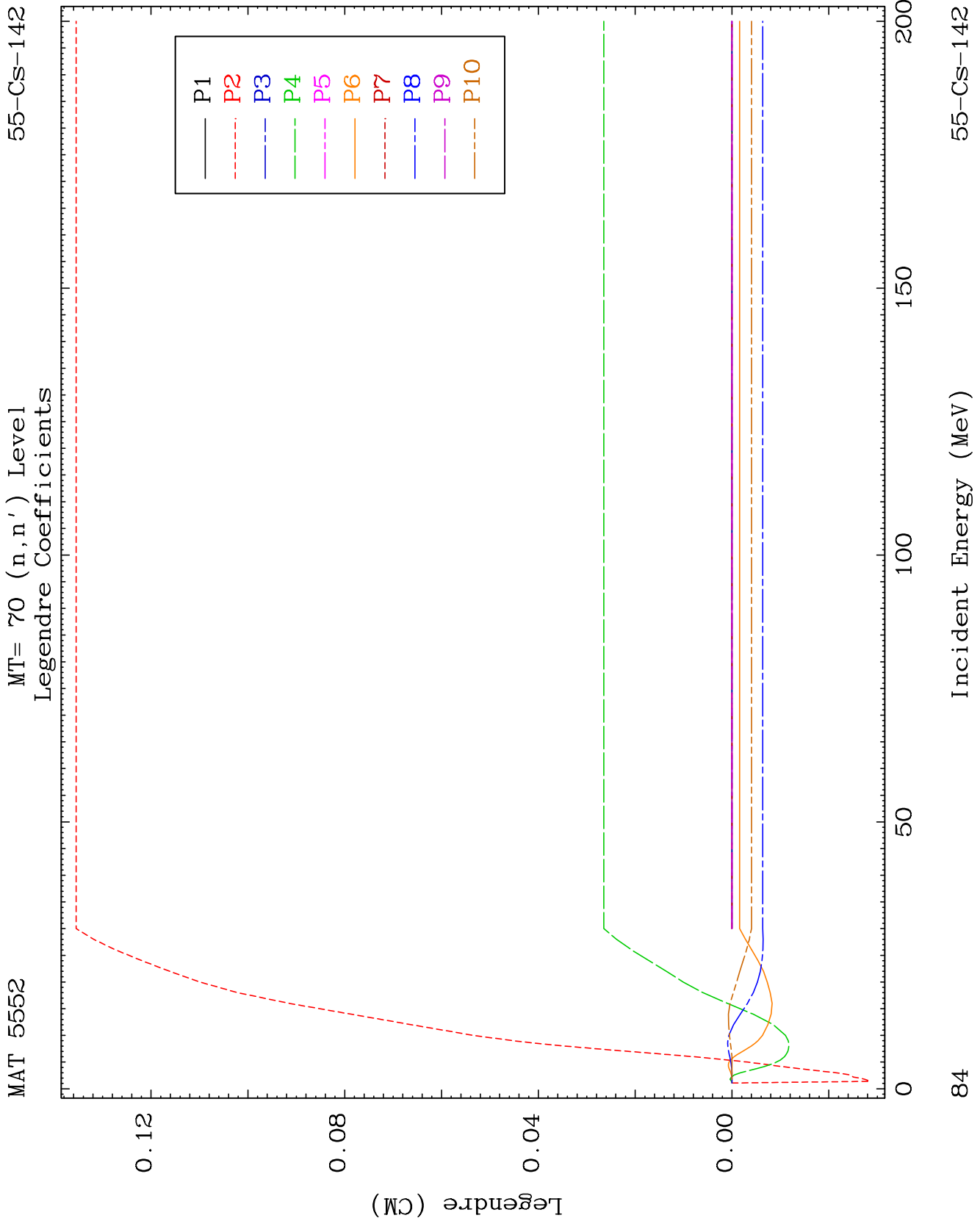
81

Incident Energy (MeV)

55-Cs-142



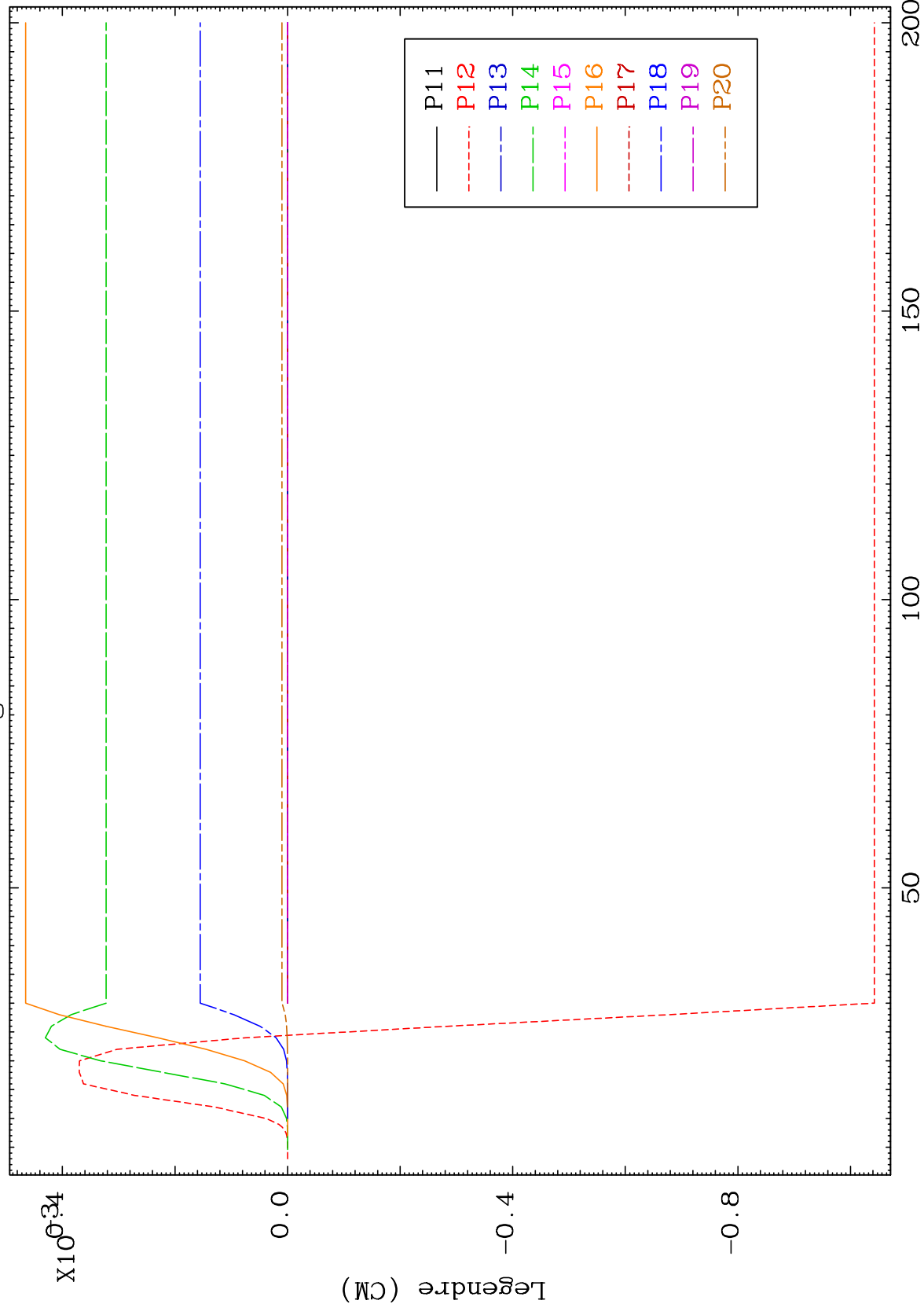




MAT 5552

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

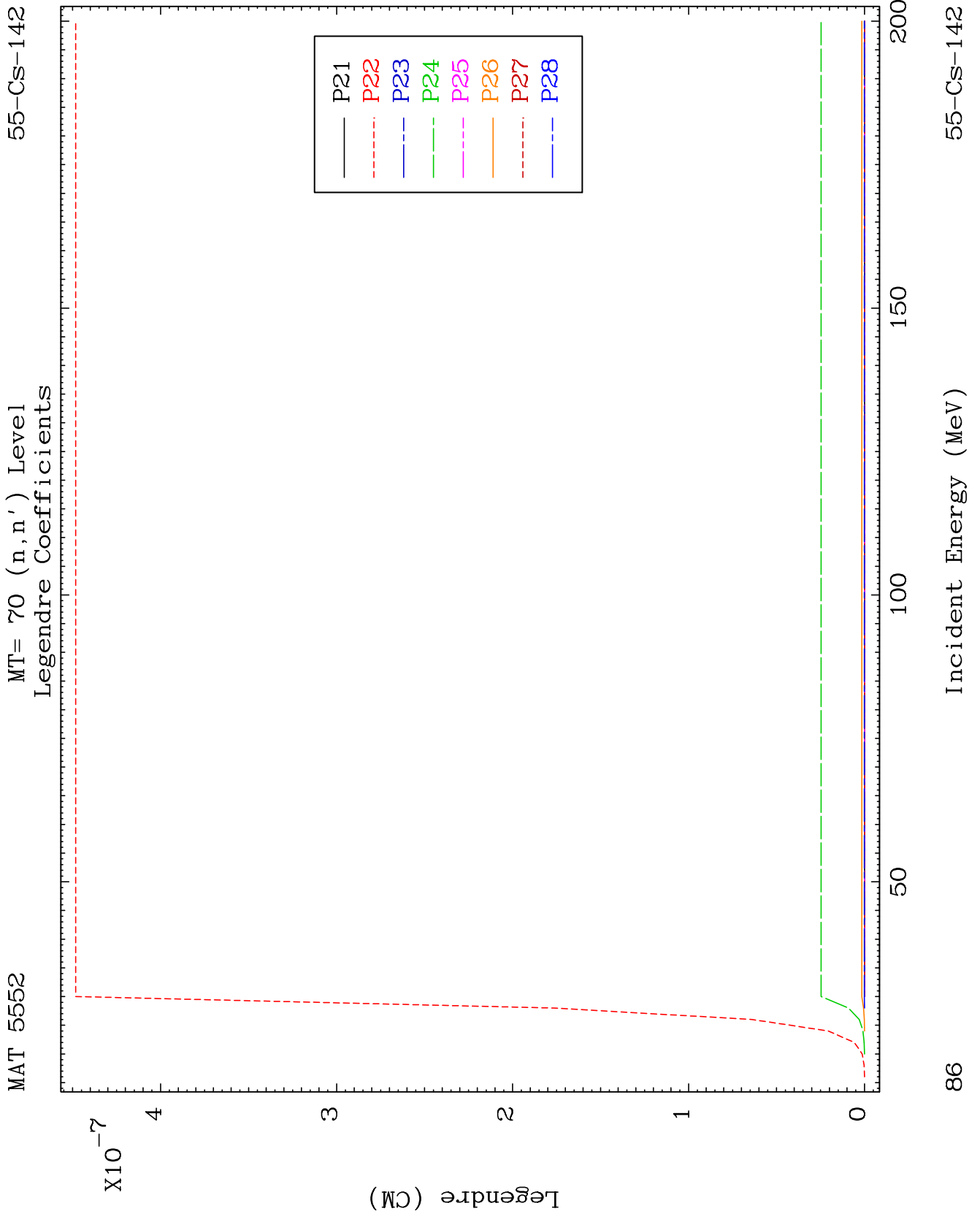
55-Cs-142



85

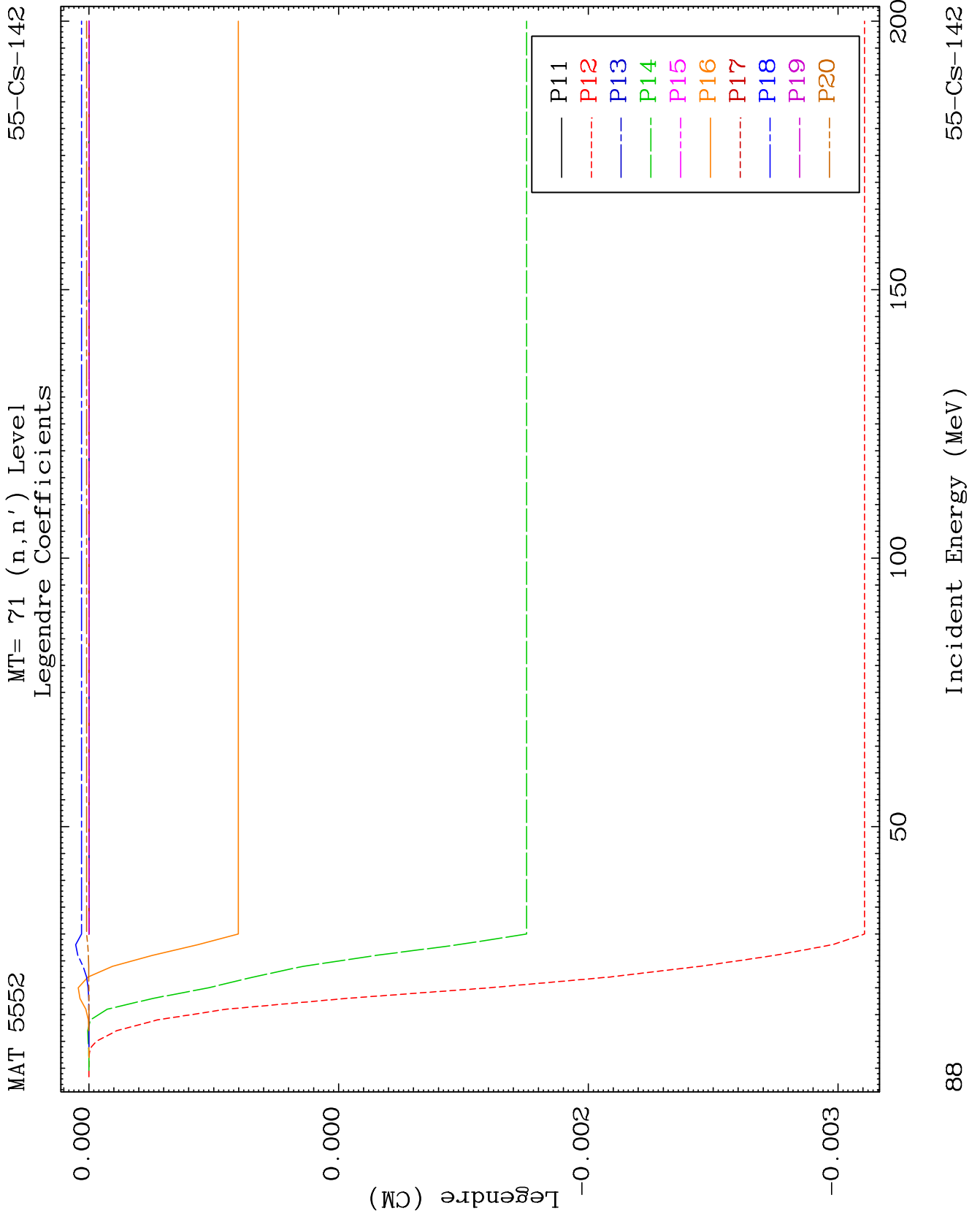
Incident Energy (MeV)

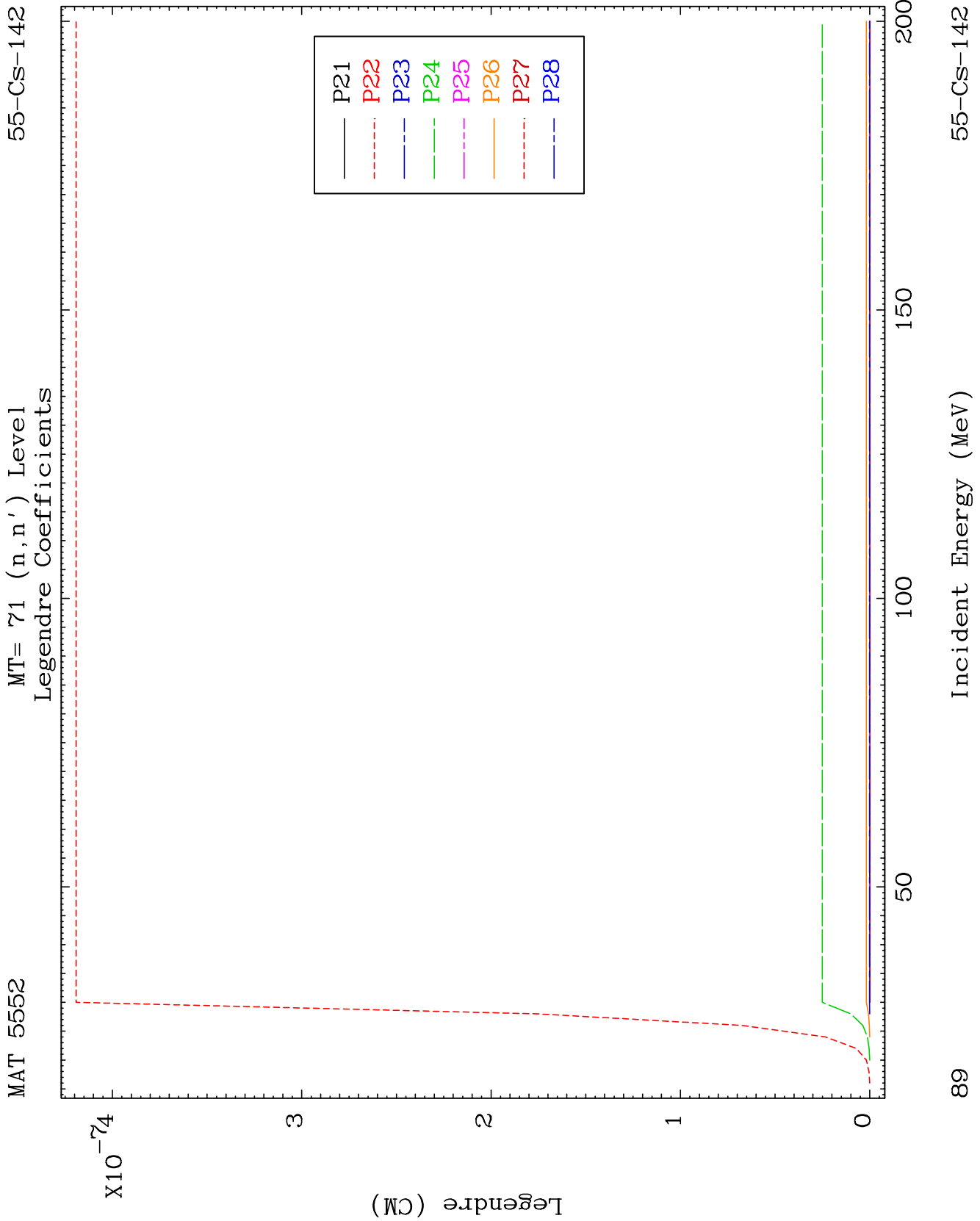
55-Cs-142







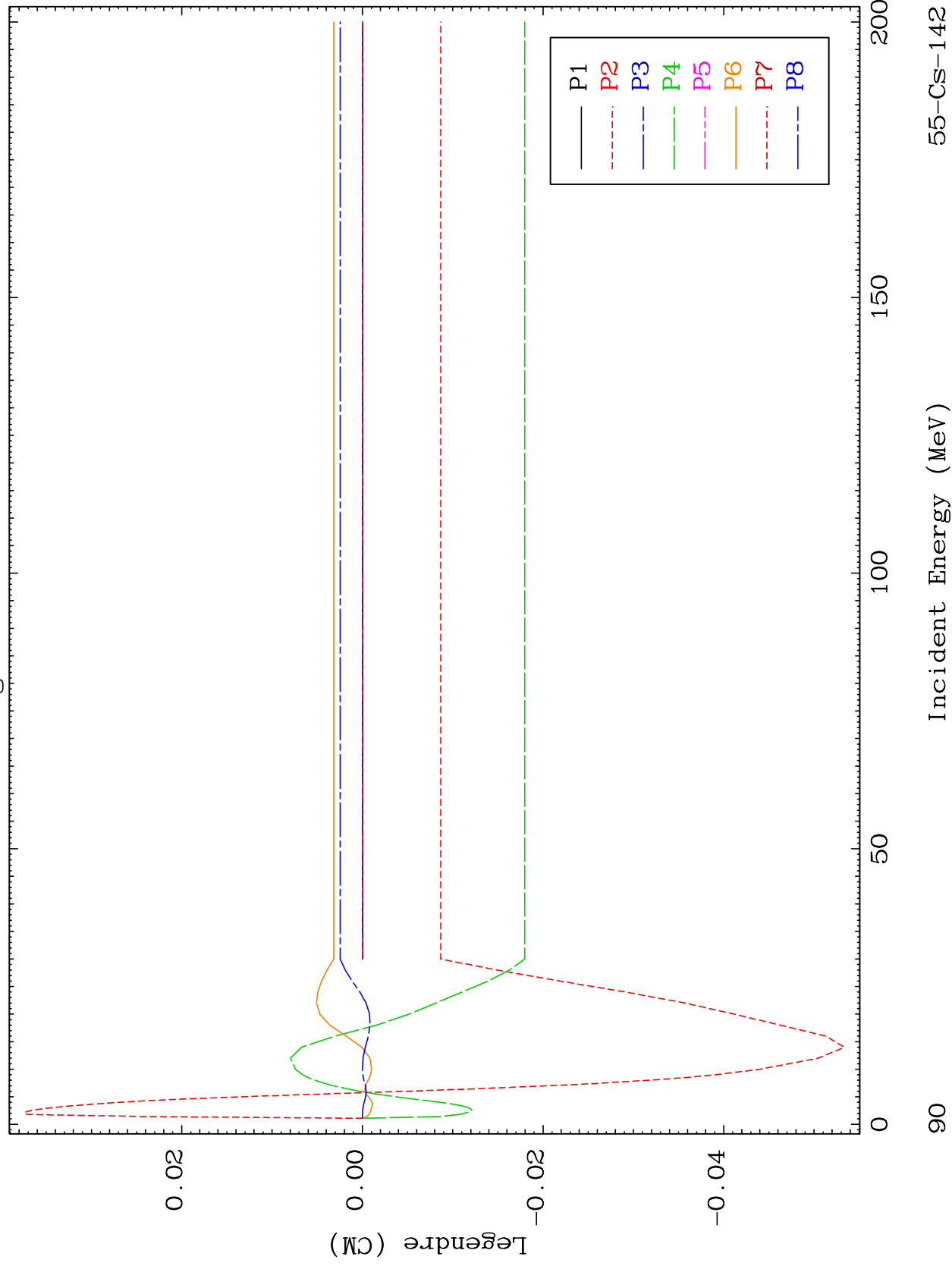




MAT 5552

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

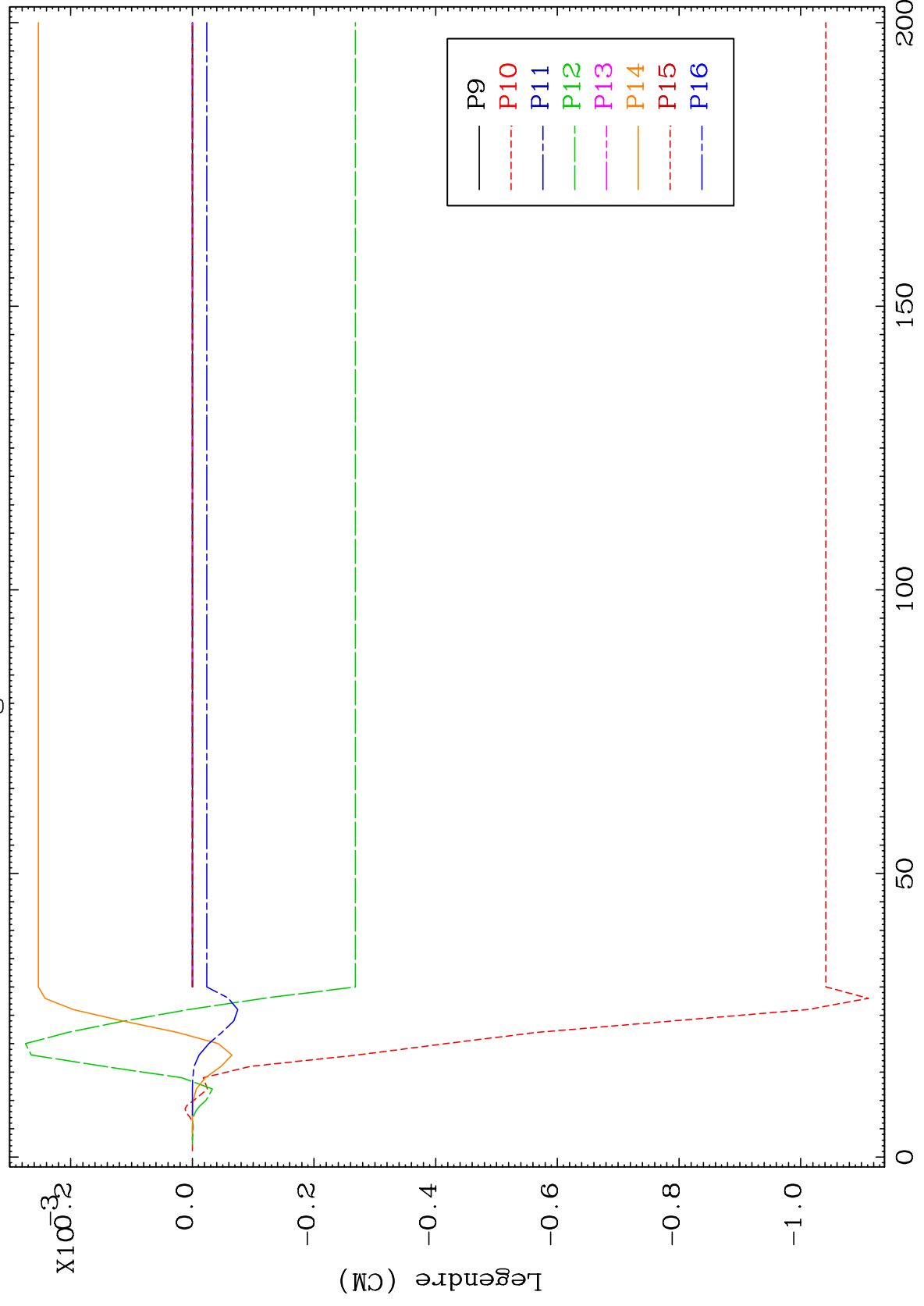
55-Cs-142



MAT 5552

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

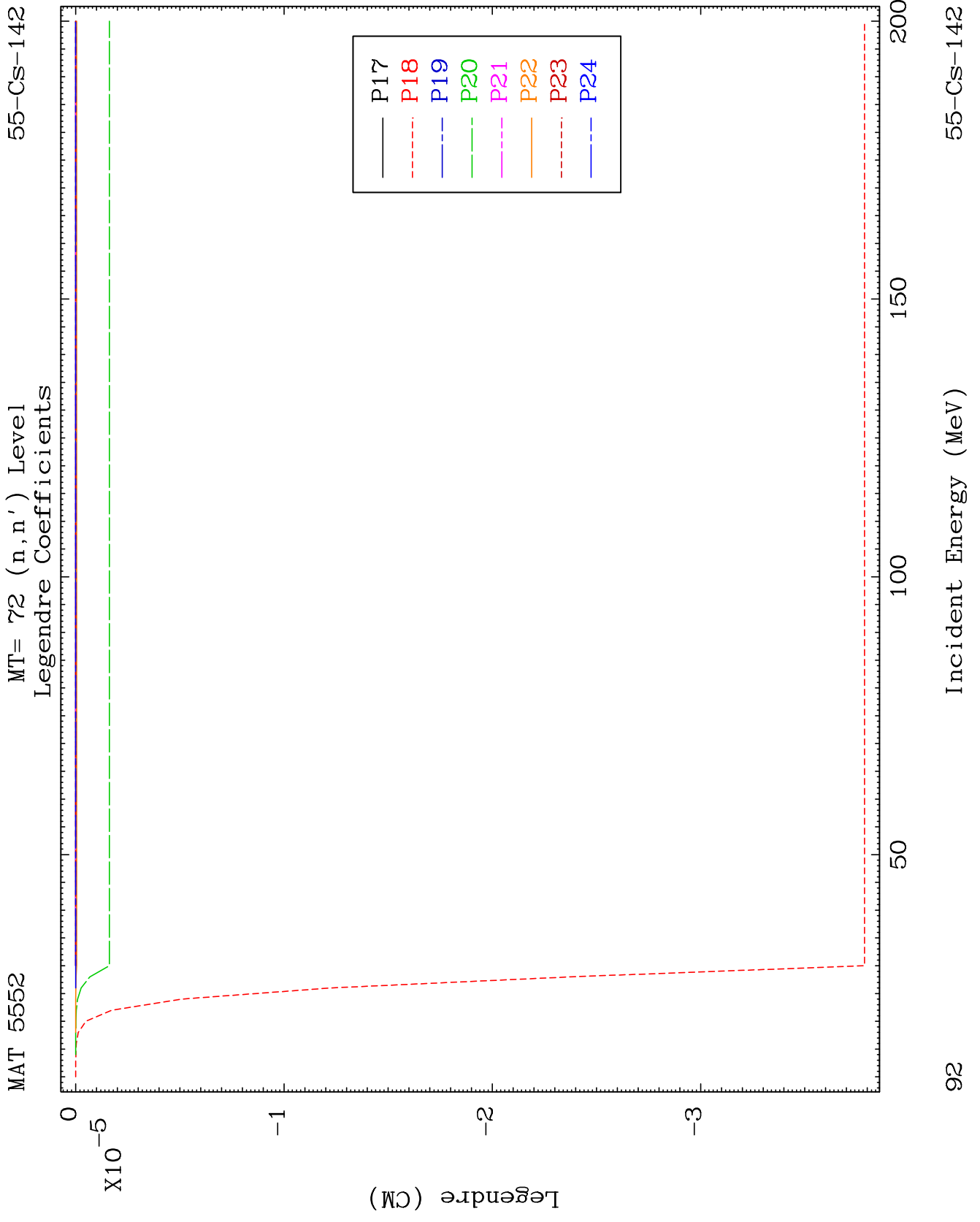
55-Cs-142



91

Incident Energy (MeV)

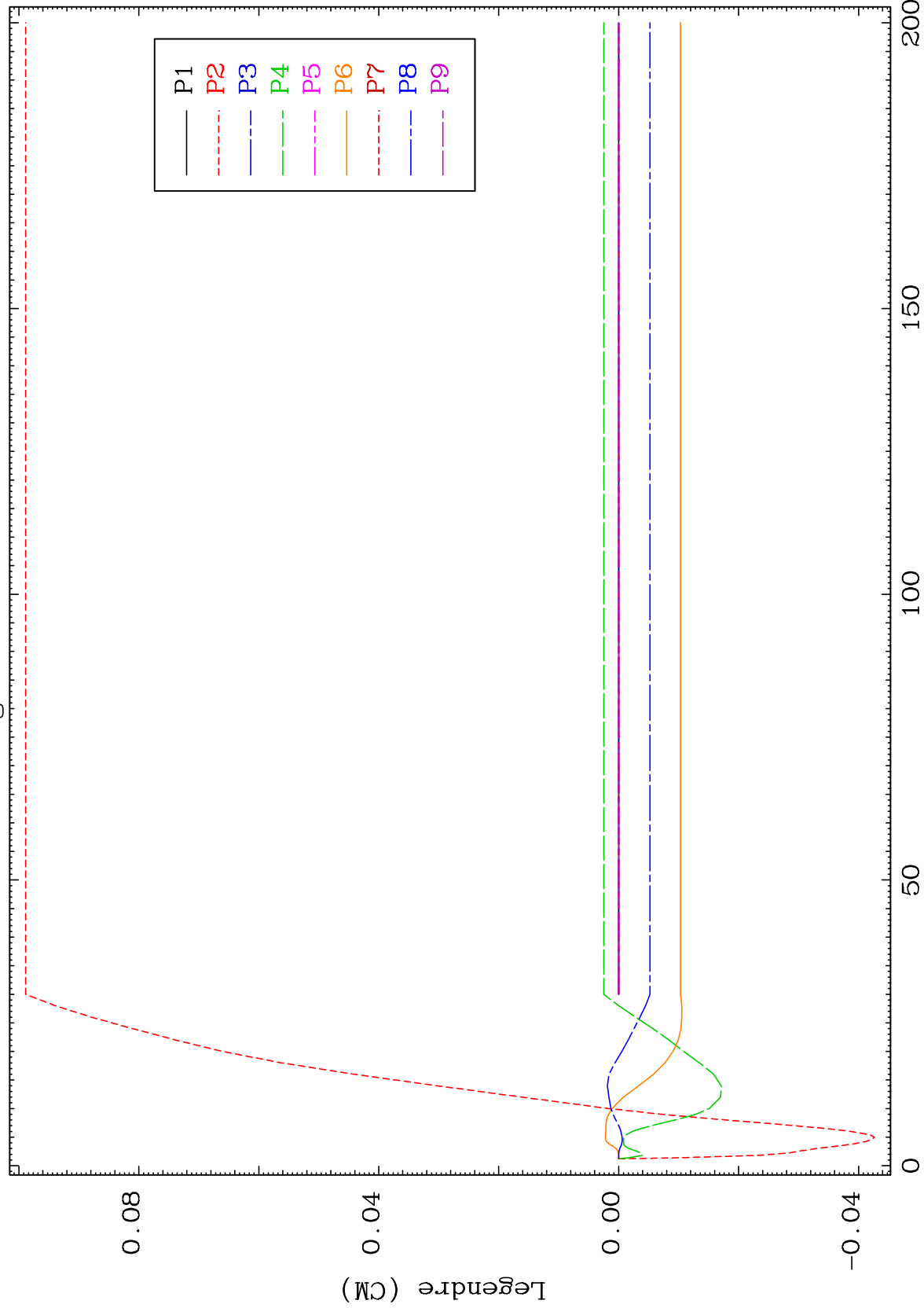
55-Cs-142



MAT 5552

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

55-Cs-142



93

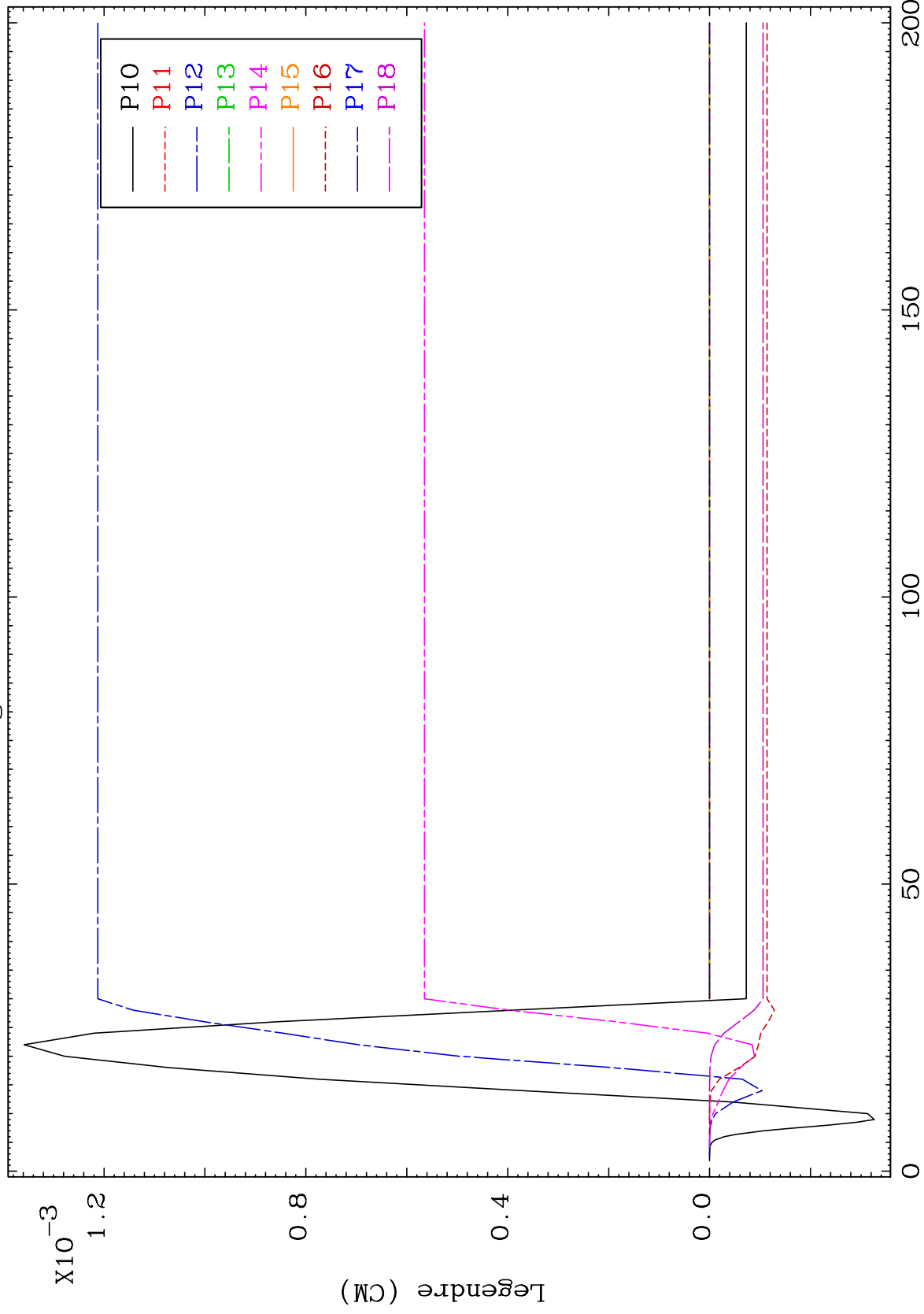
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

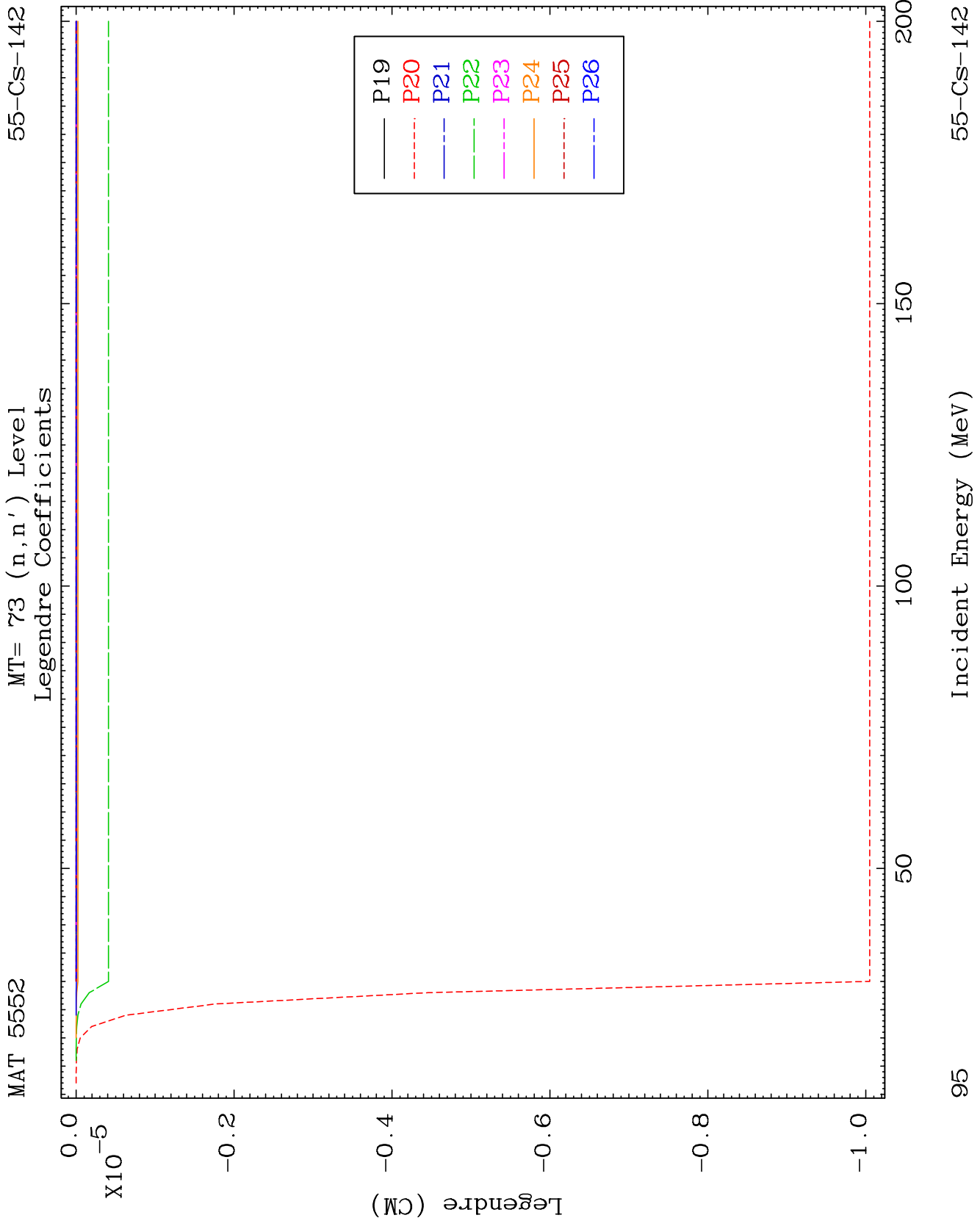
55-Cs-142



94

Incident Energy (MeV)

55-Cs-142

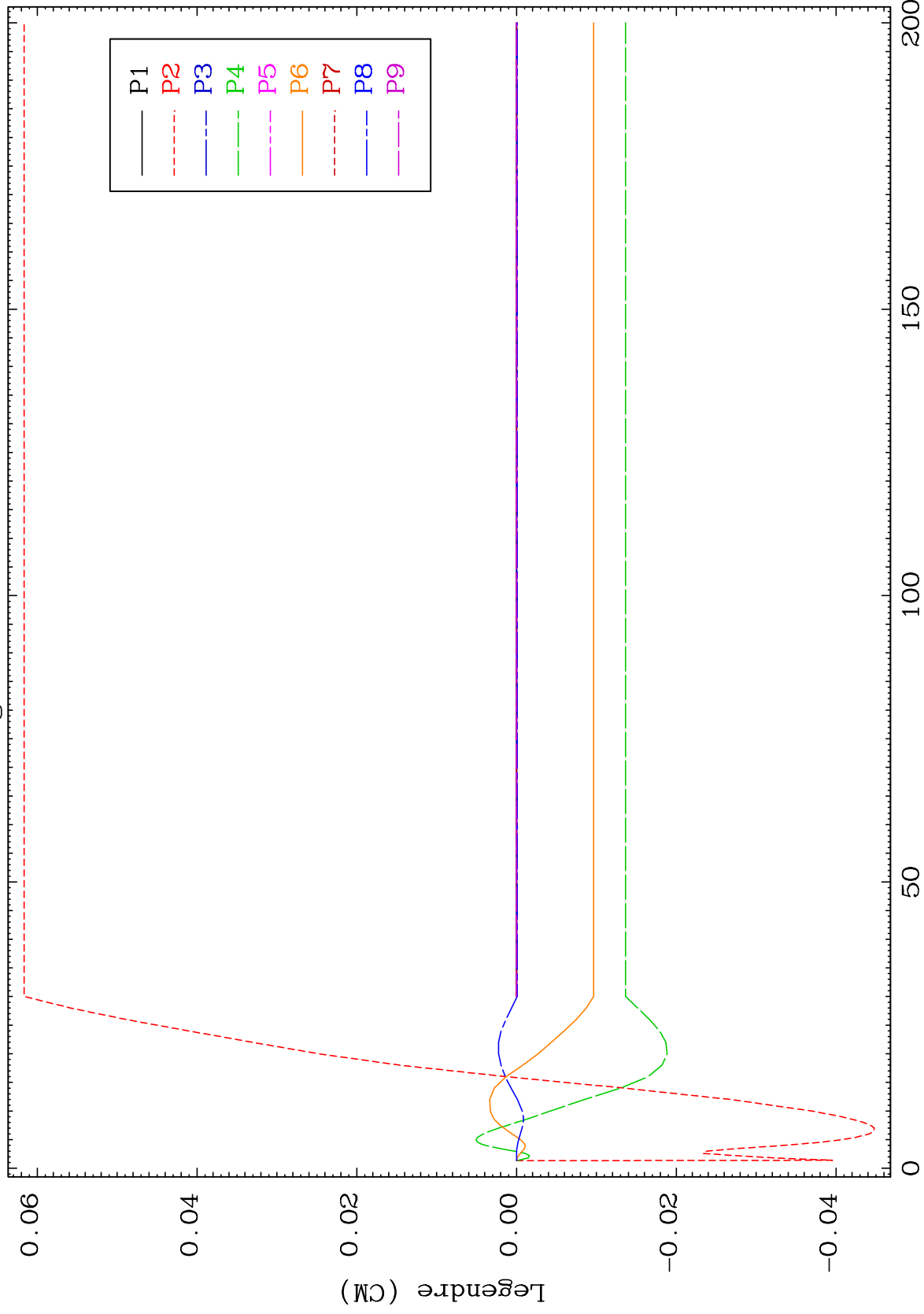




MAT 5552

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

55-Cs-142



96

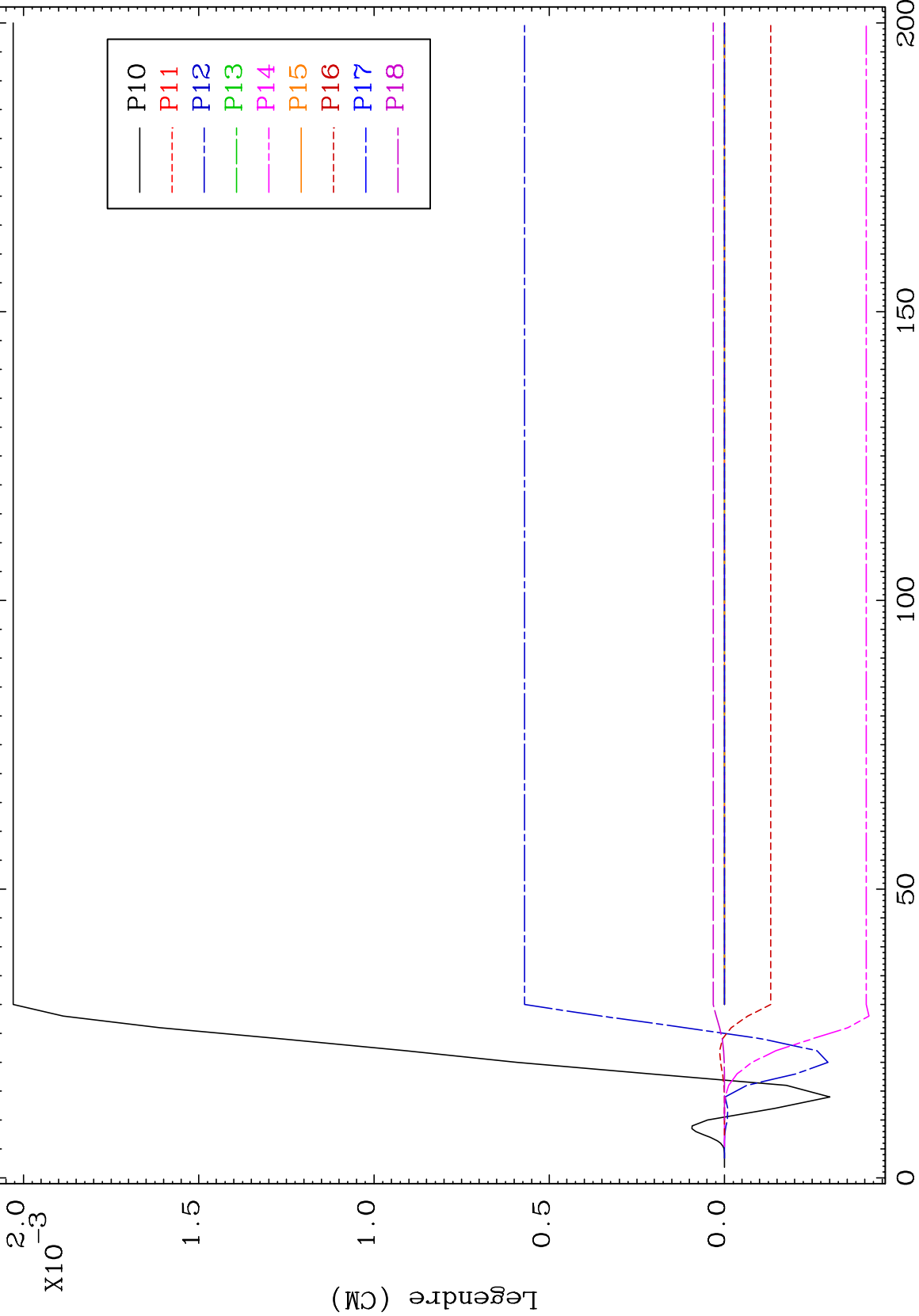
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



97

Incident Energy (MeV)

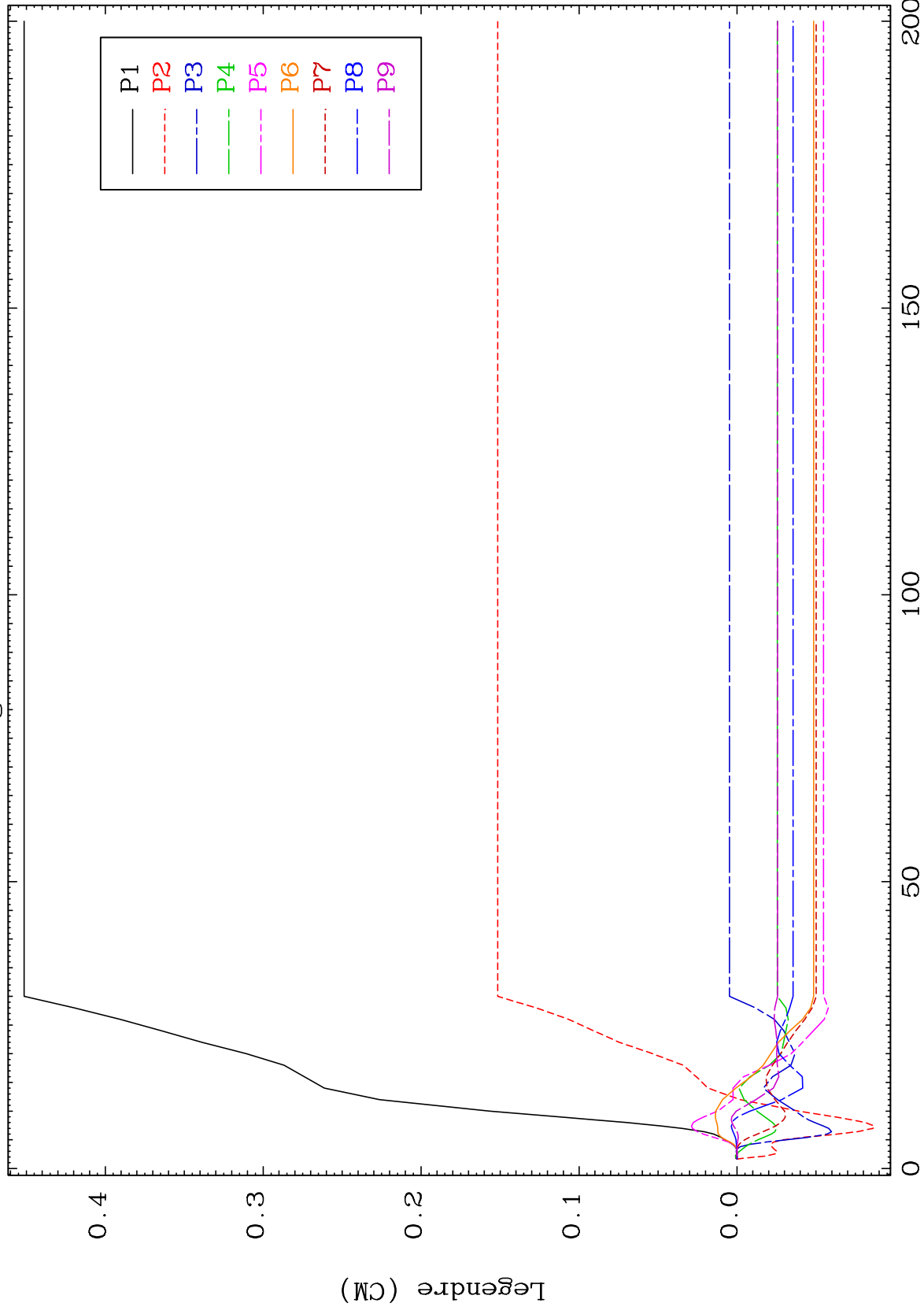
55-Cs-142



MAT 5552

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

55-Cs-142



99

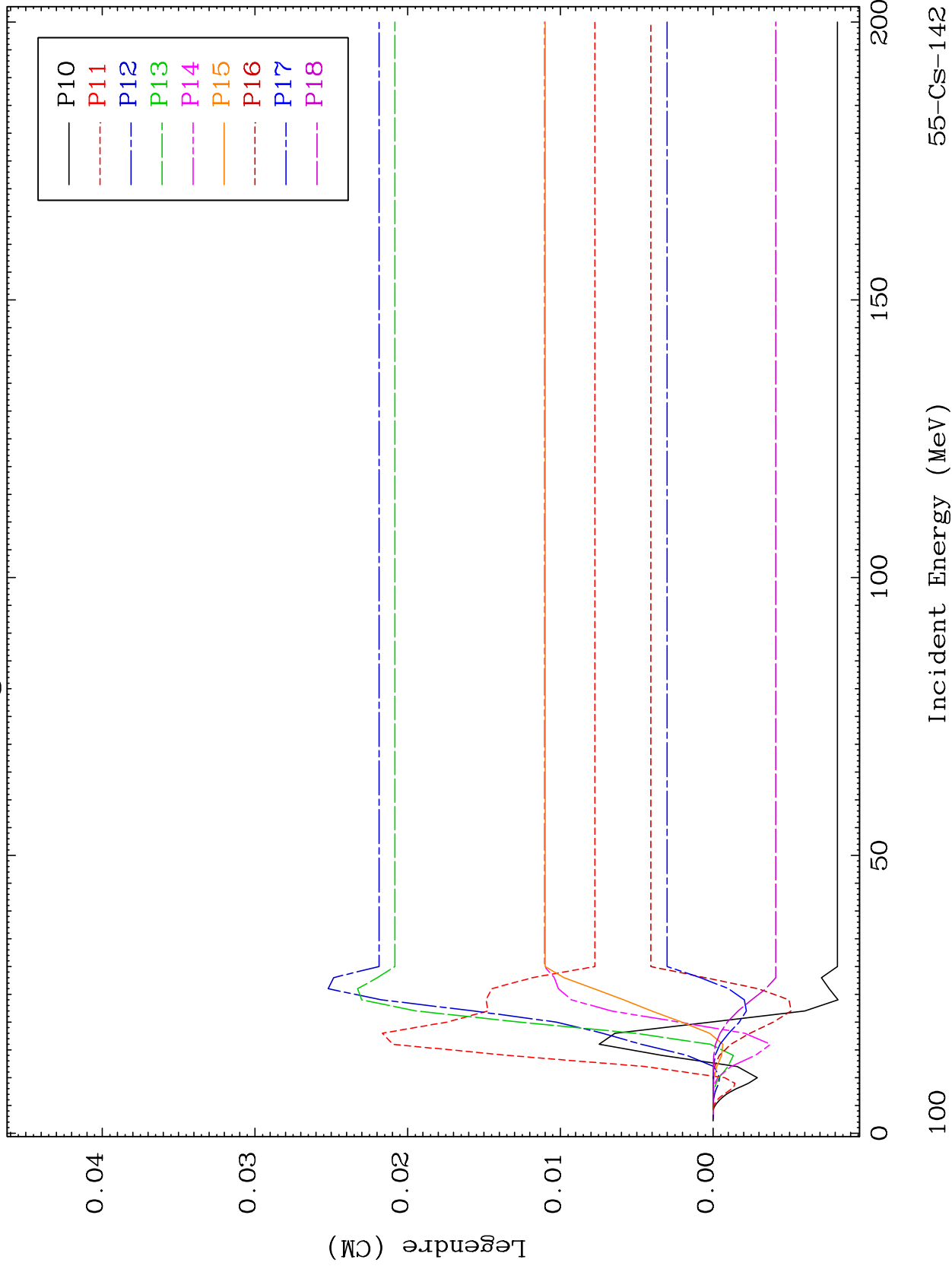
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

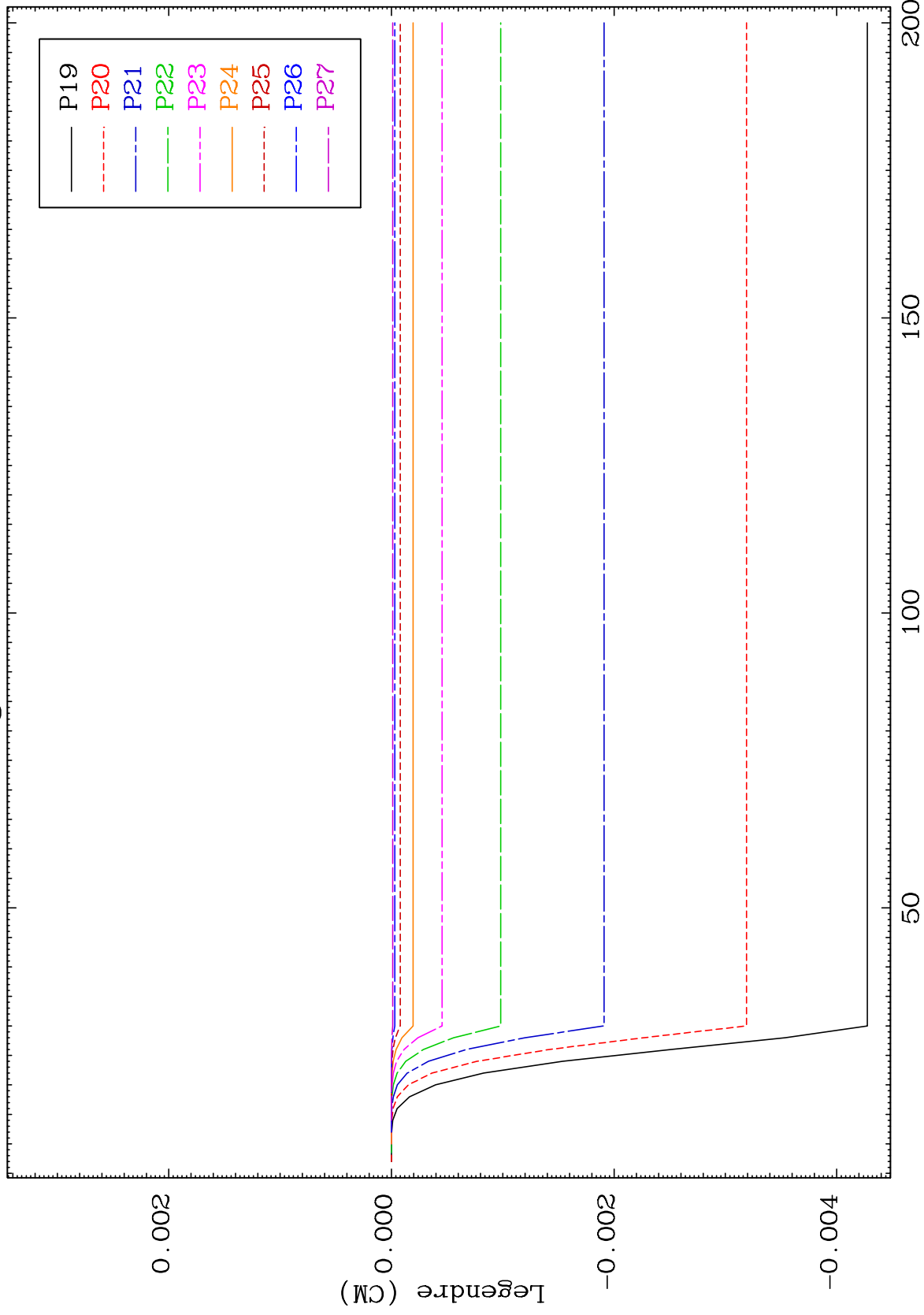
55-Cs-142



MAT 5552

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

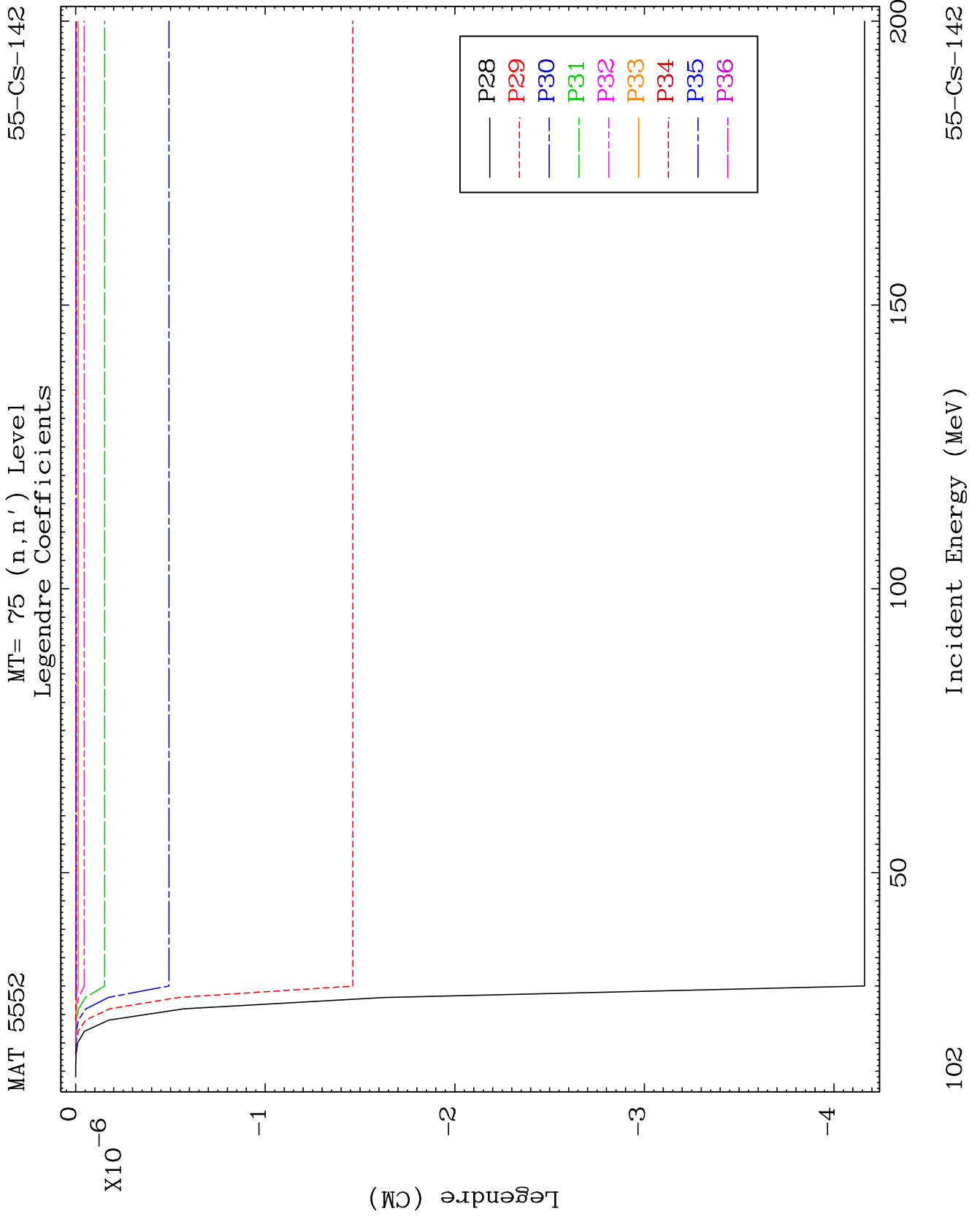
55-Cs-142



101

Incident Energy (MeV)

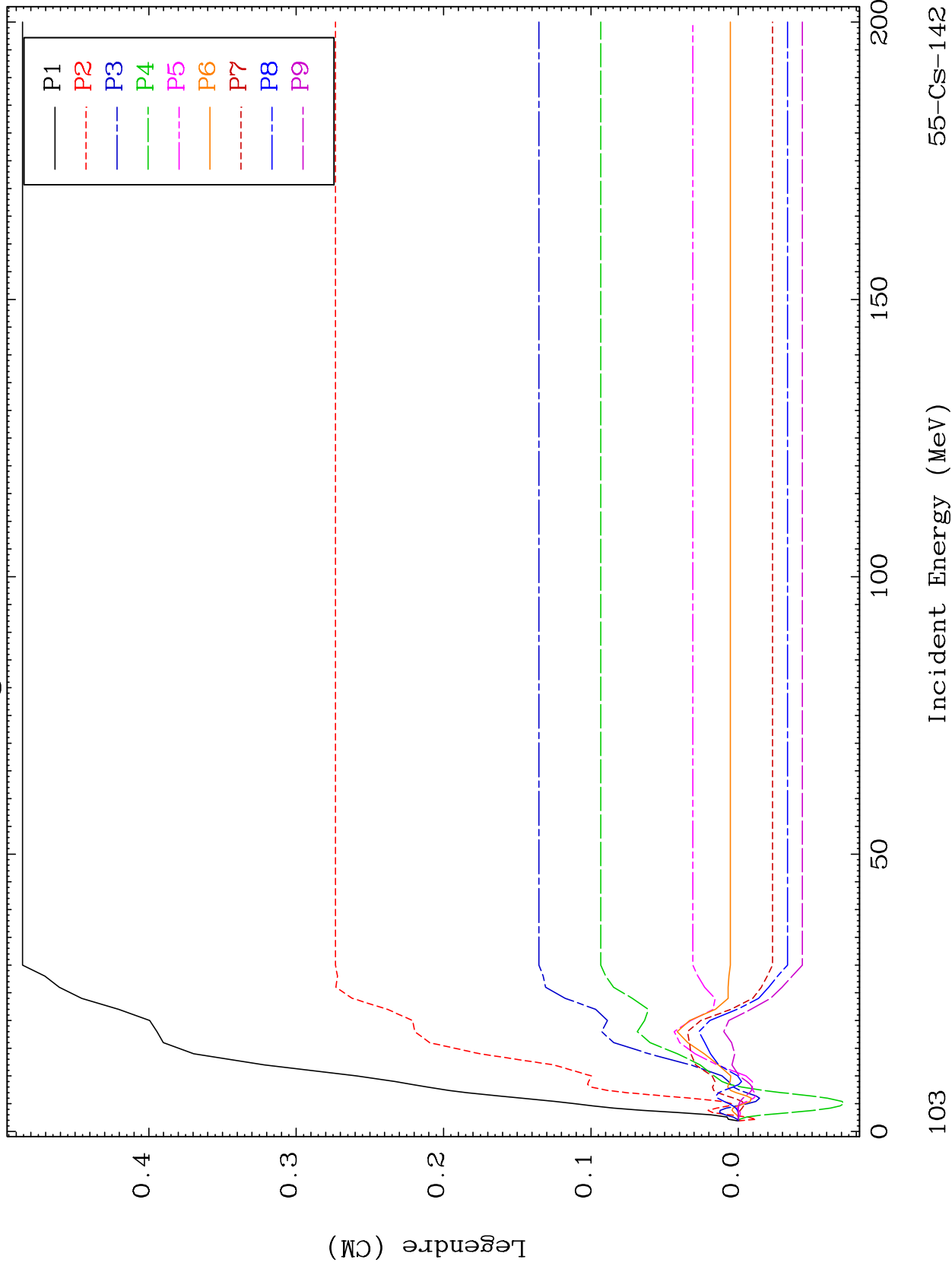
55-Cs-142



MAT 5552

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

55-Cs-142



55-Cs-142

Incident Energy (MeV)

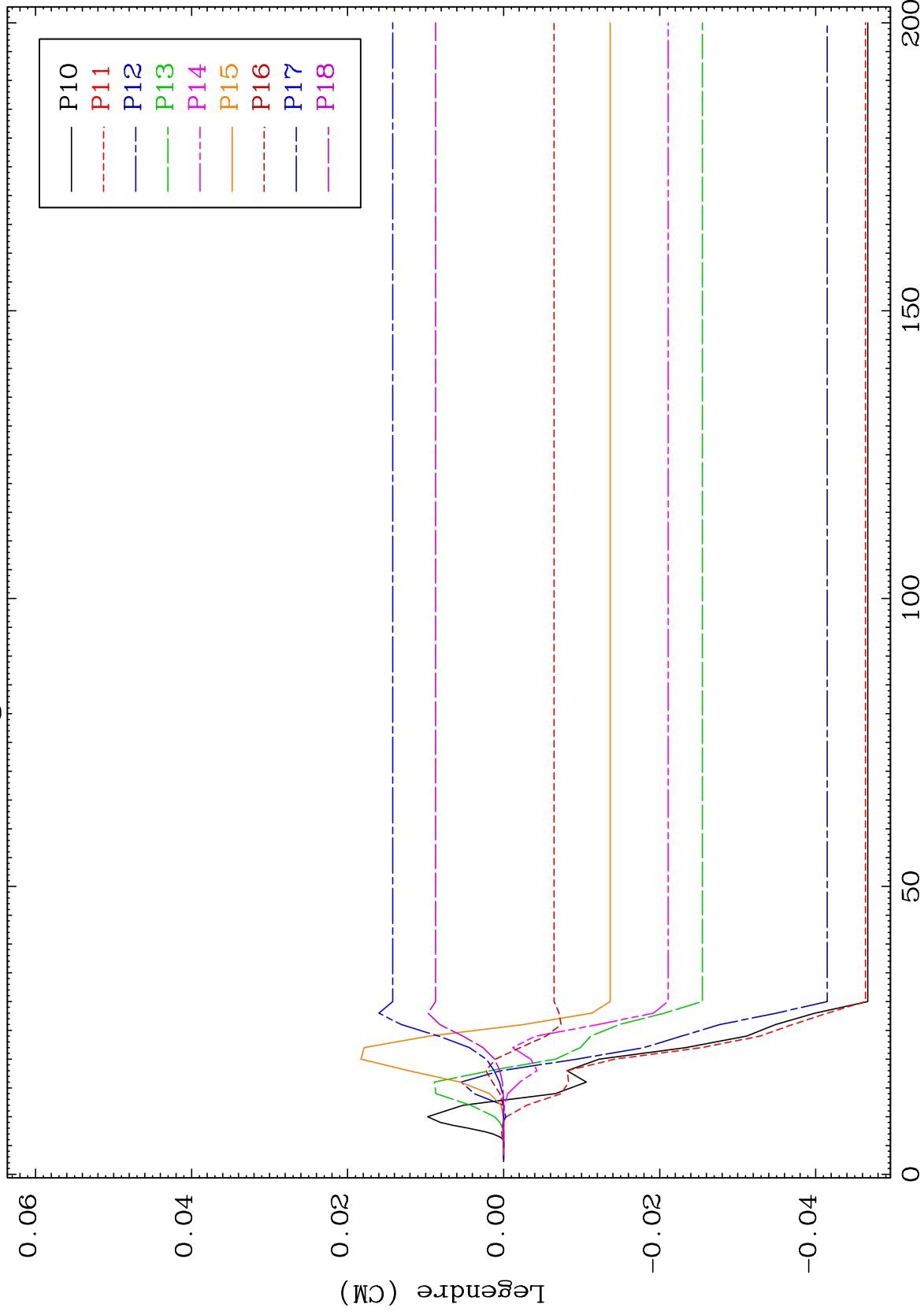
103



MAT 5552

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

55-Cs-142



104

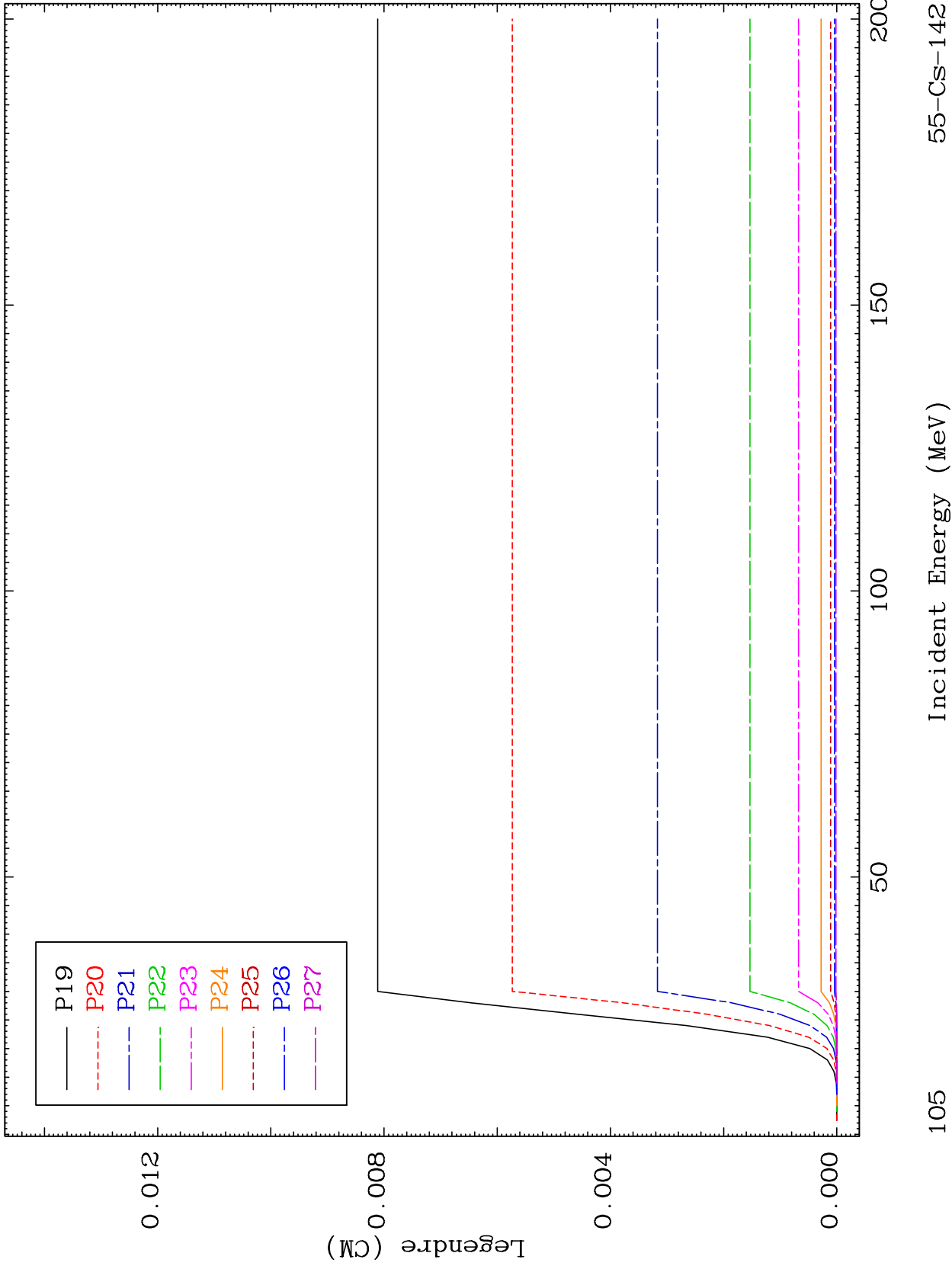
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



55-Cs-142

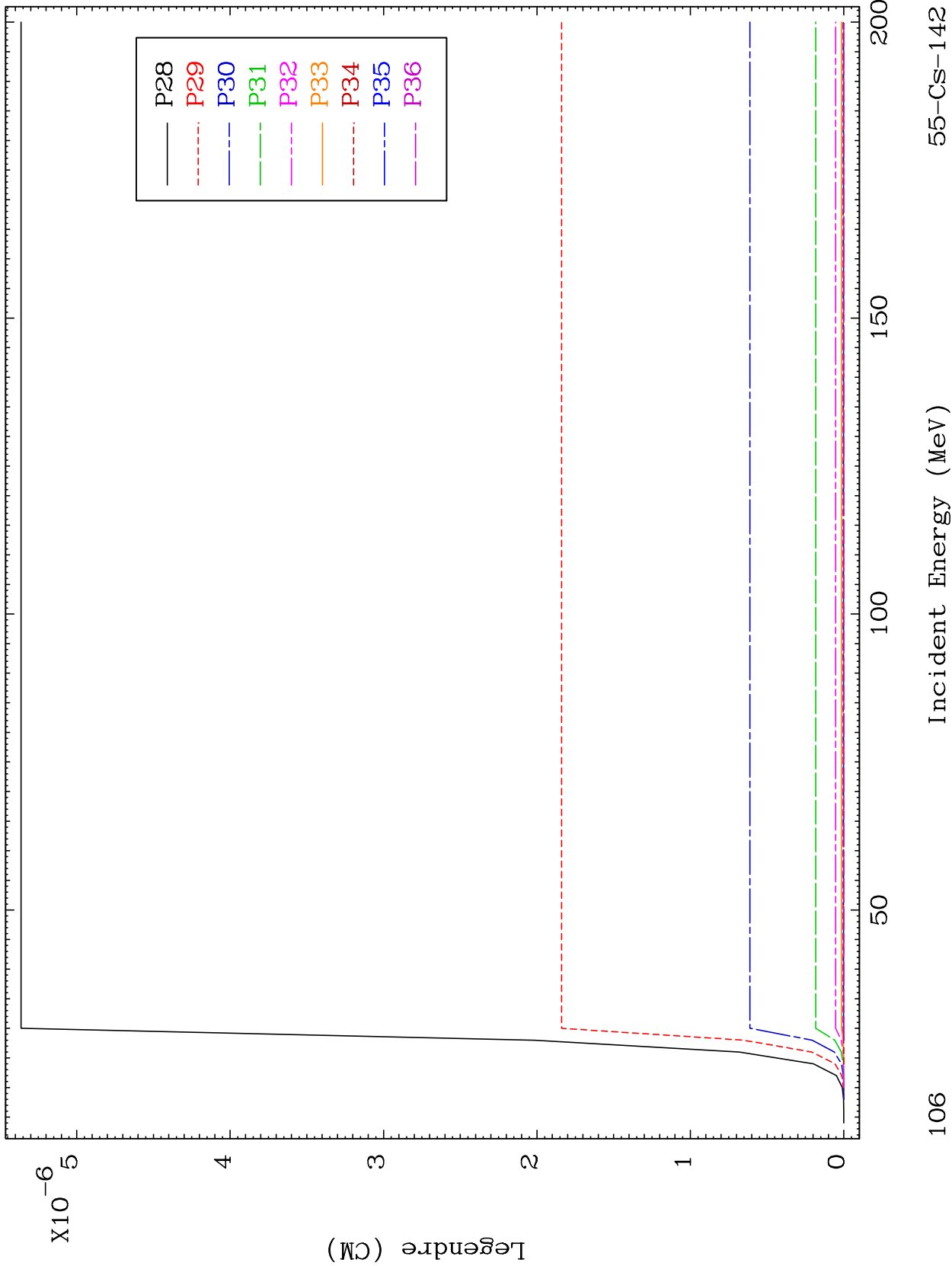
Incident Energy (MeV)

105

MAT 5552

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

55-Cs-142



106

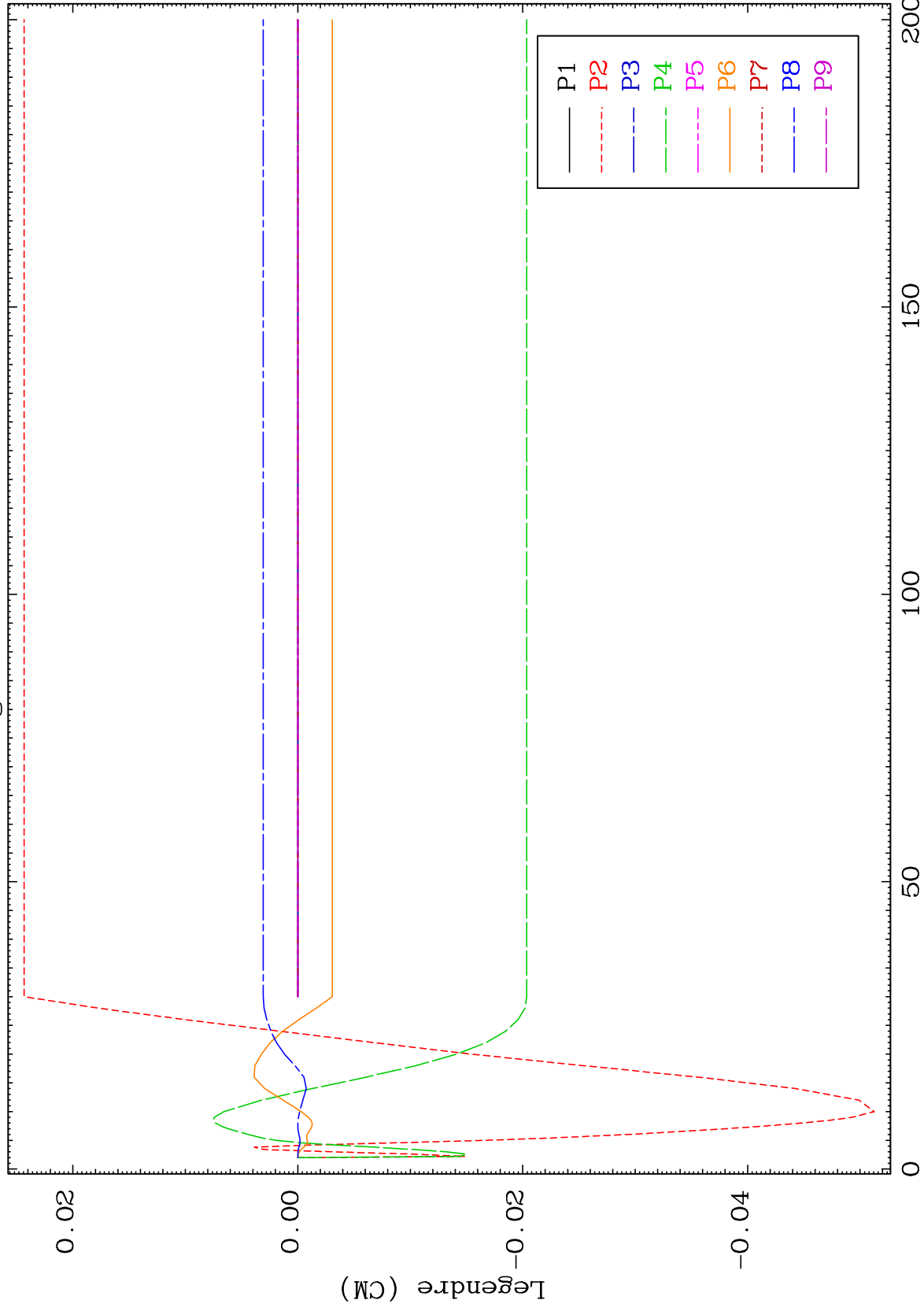
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



55-Cs-142

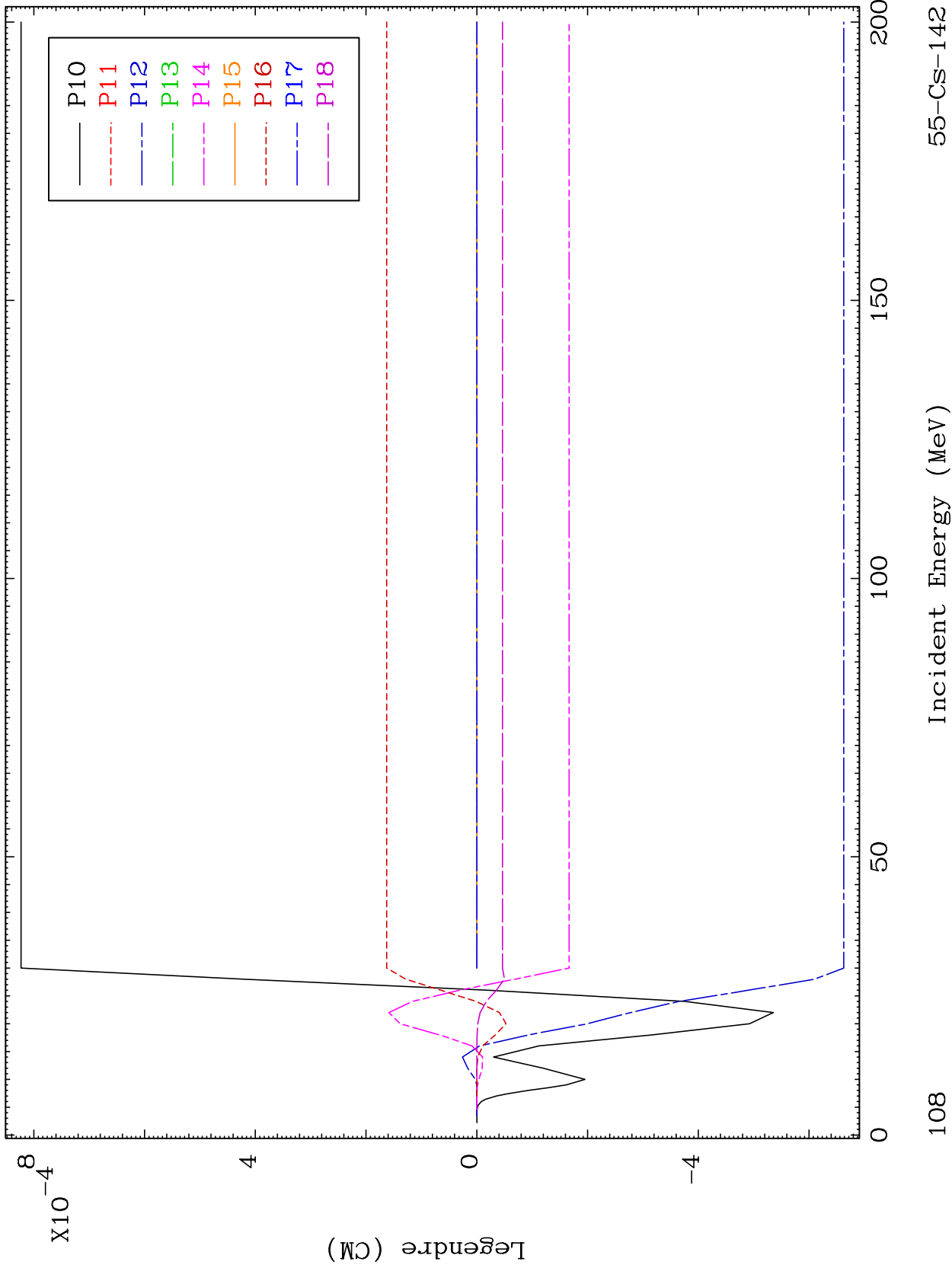
Incident Energy (MeV)

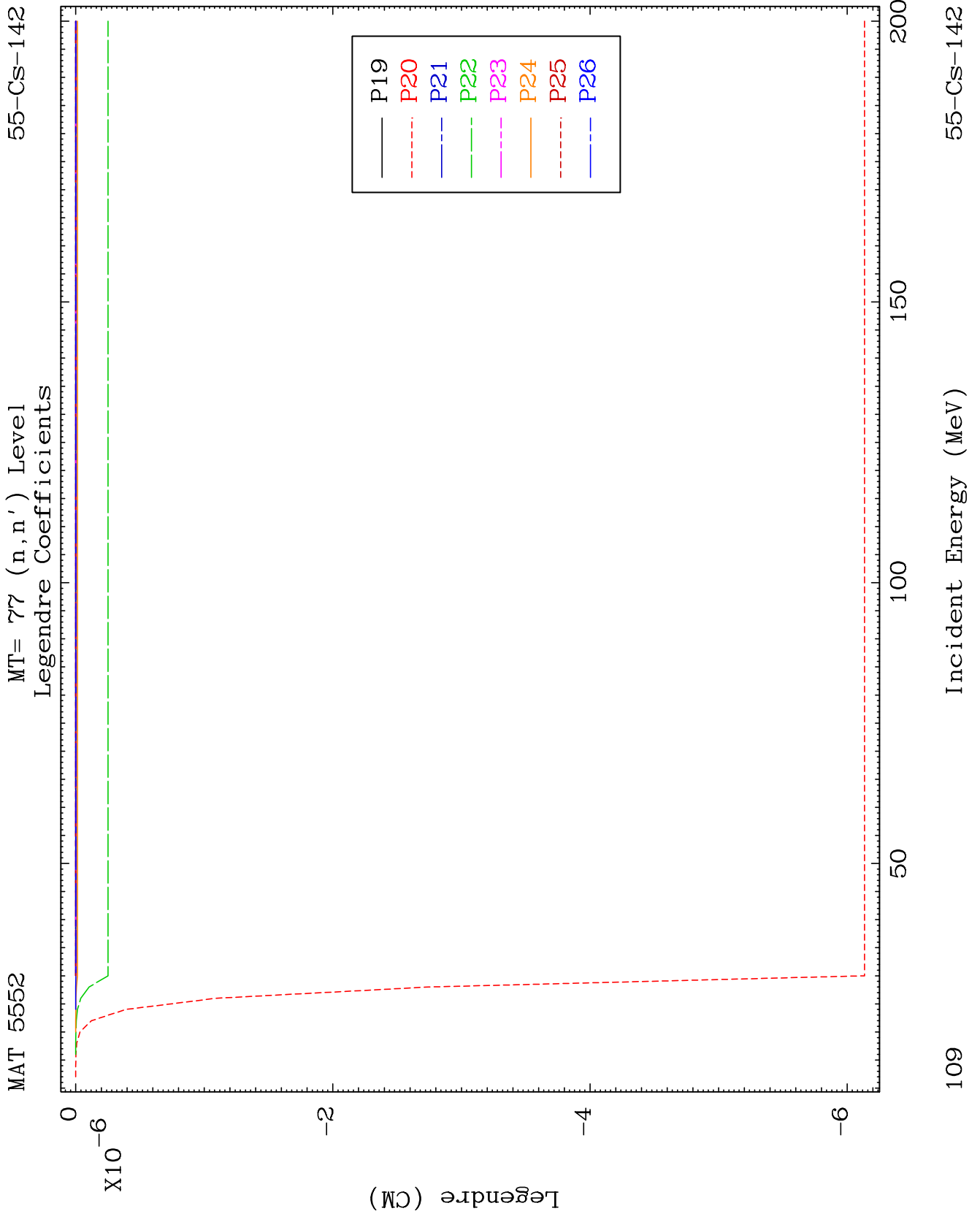
107

MAT 5552

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

55-Cs-142

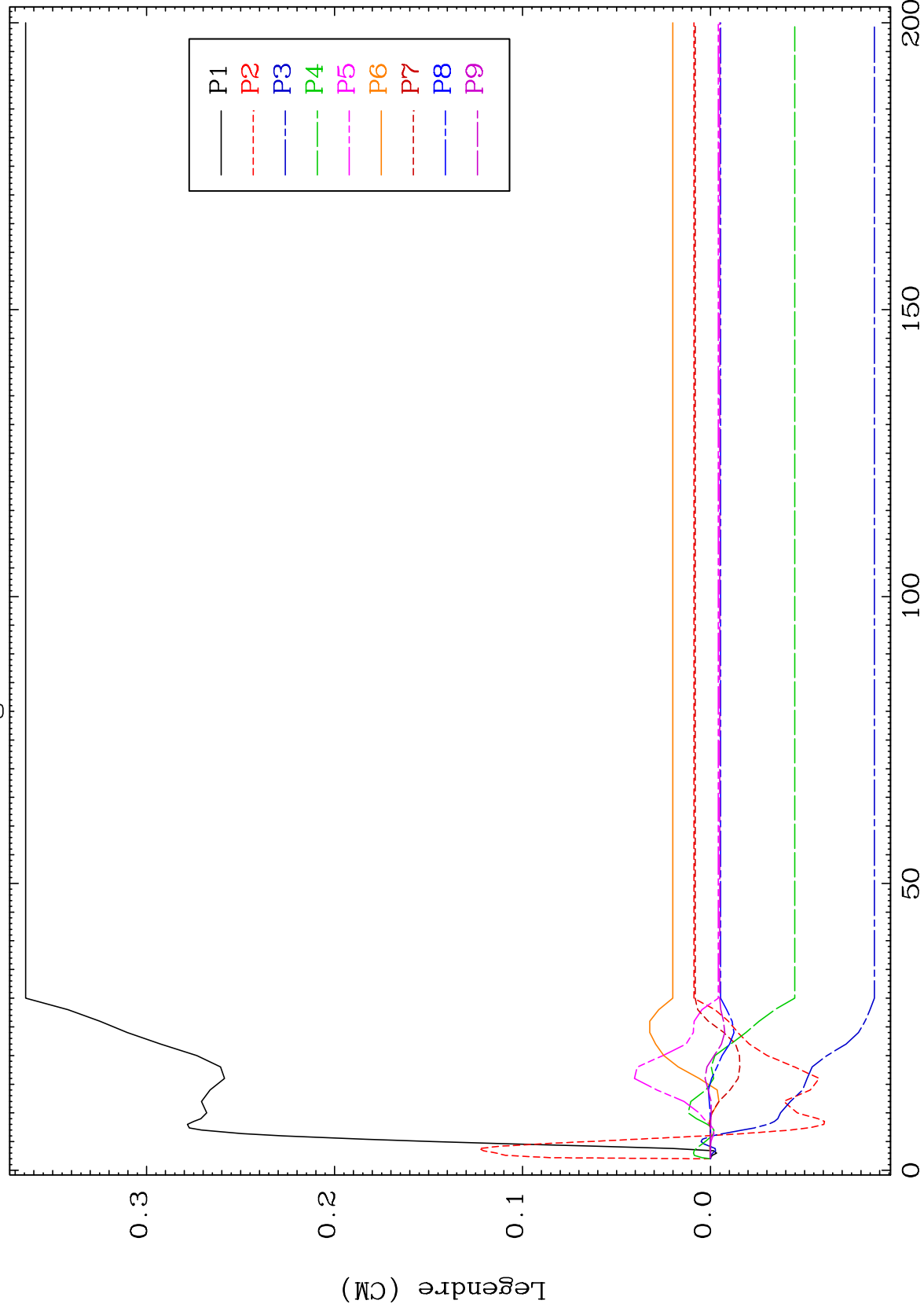




MAT 5552

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

55-Cs-142



55-Cs-142

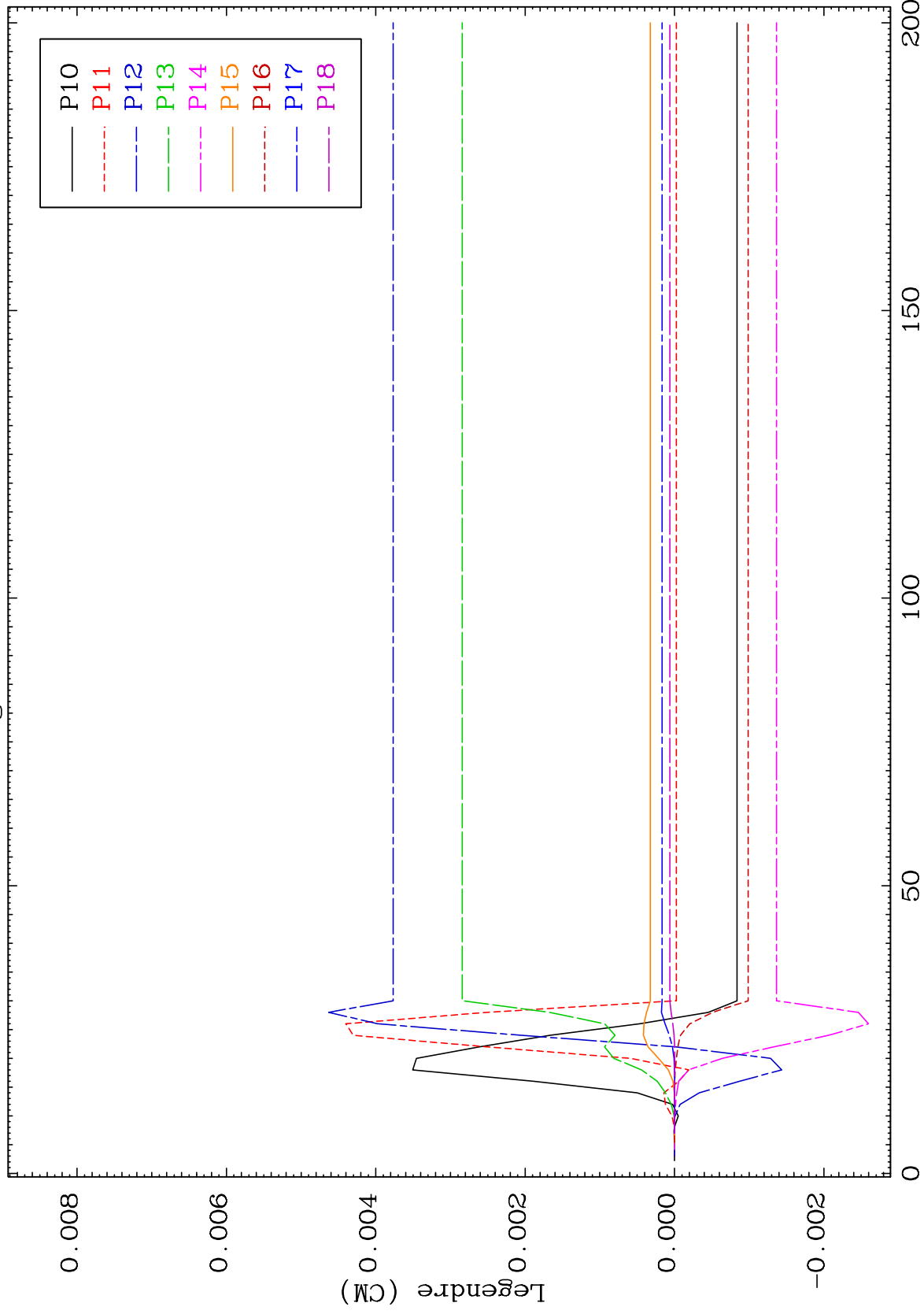
Incident Energy (MeV)

110

MAT 5552

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

55-Cs-142



111

Incident Energy (MeV)

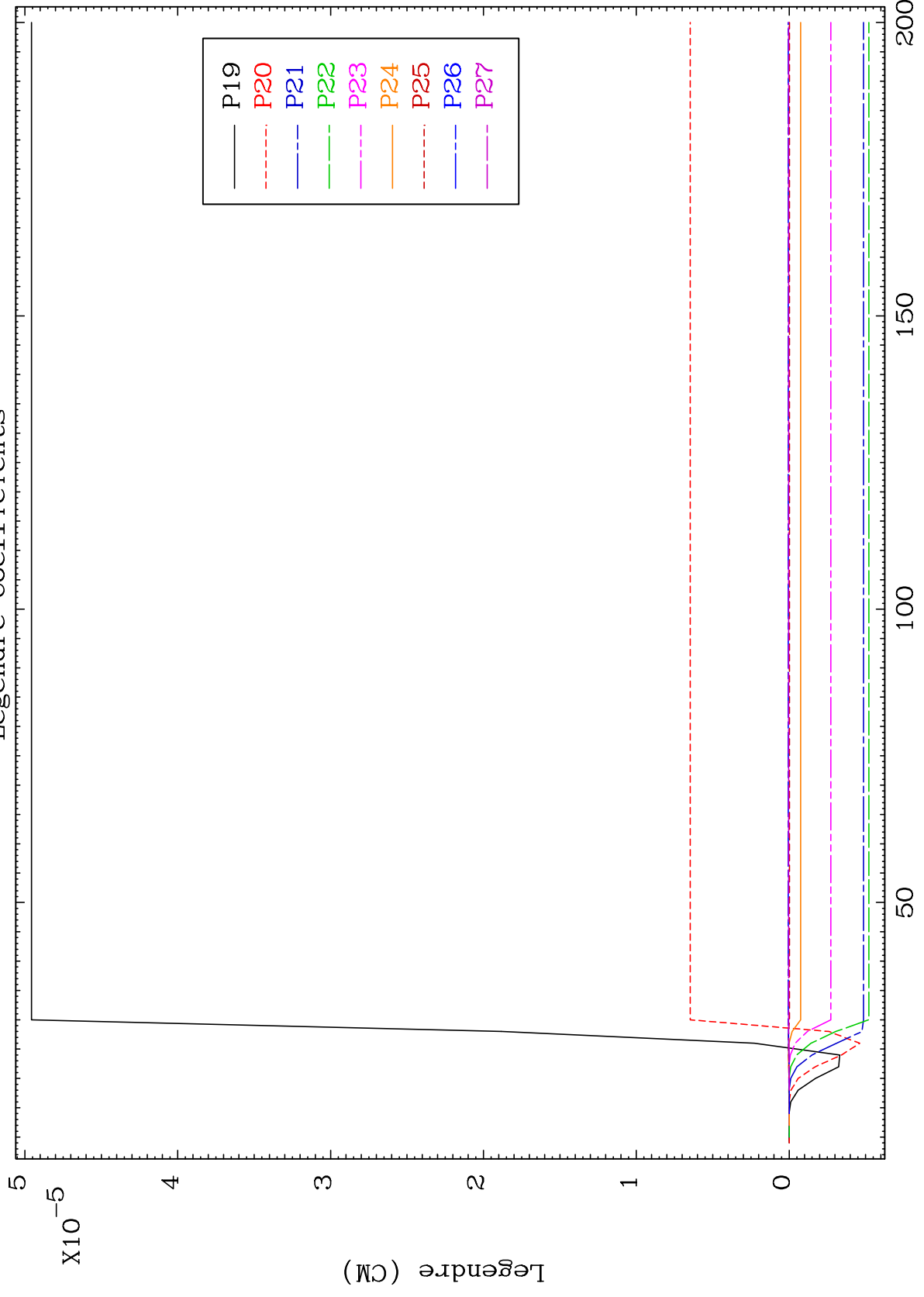
55-Cs-142



MAT 5552

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

55-Cs-142



55-Cs-142

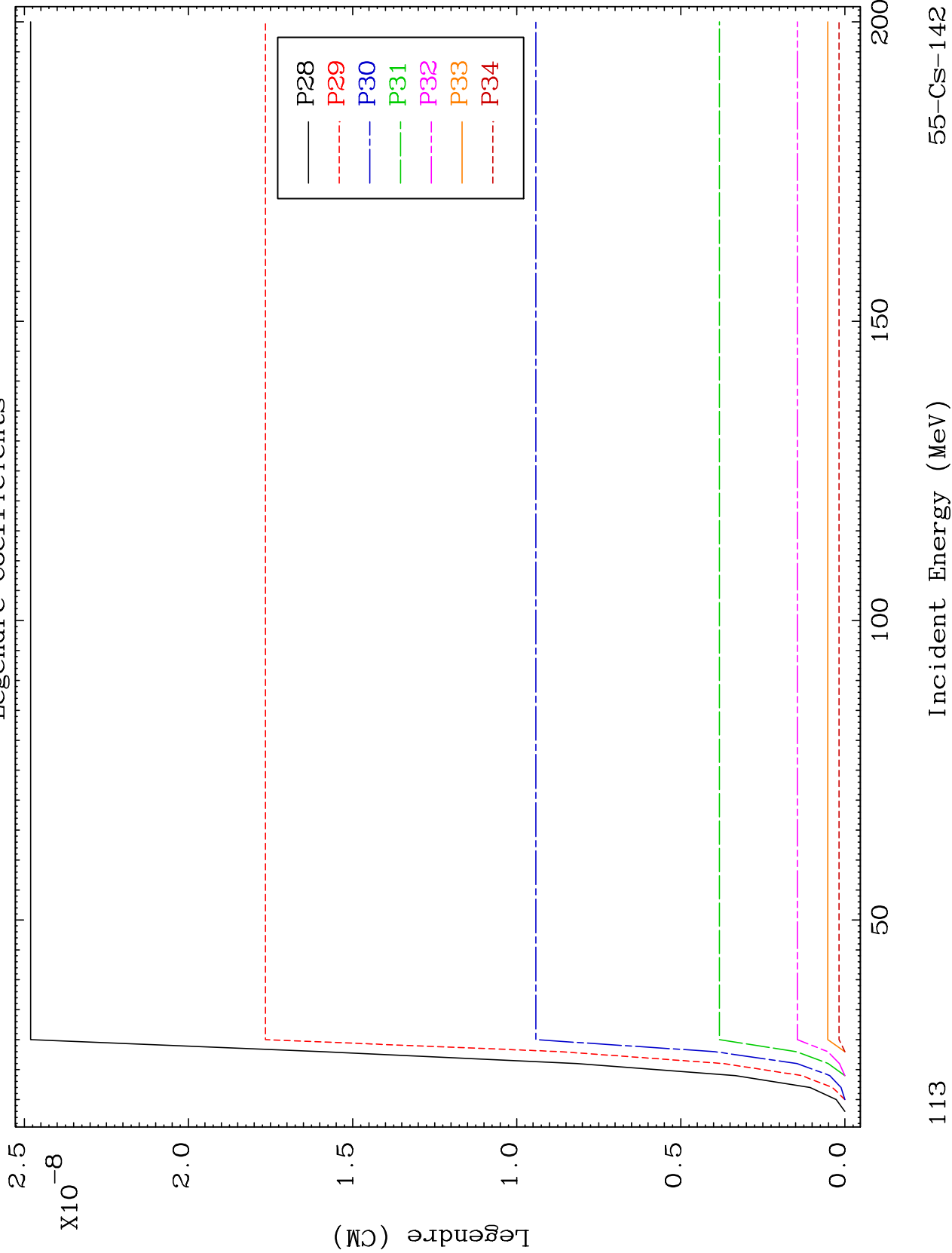
Incident Energy (MeV)

112

MAT 5552

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

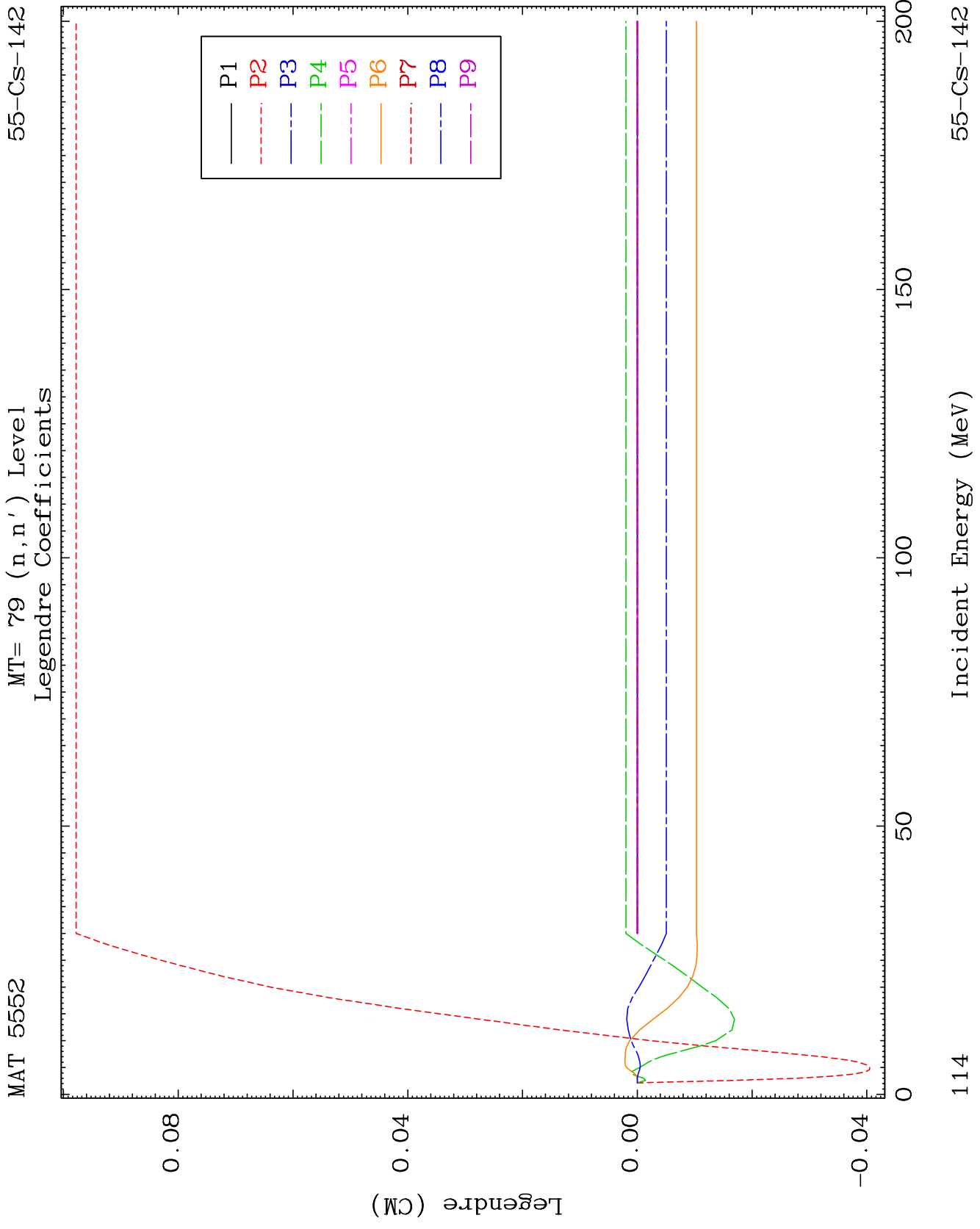
55-Cs-142



113

Incident Energy (MeV)

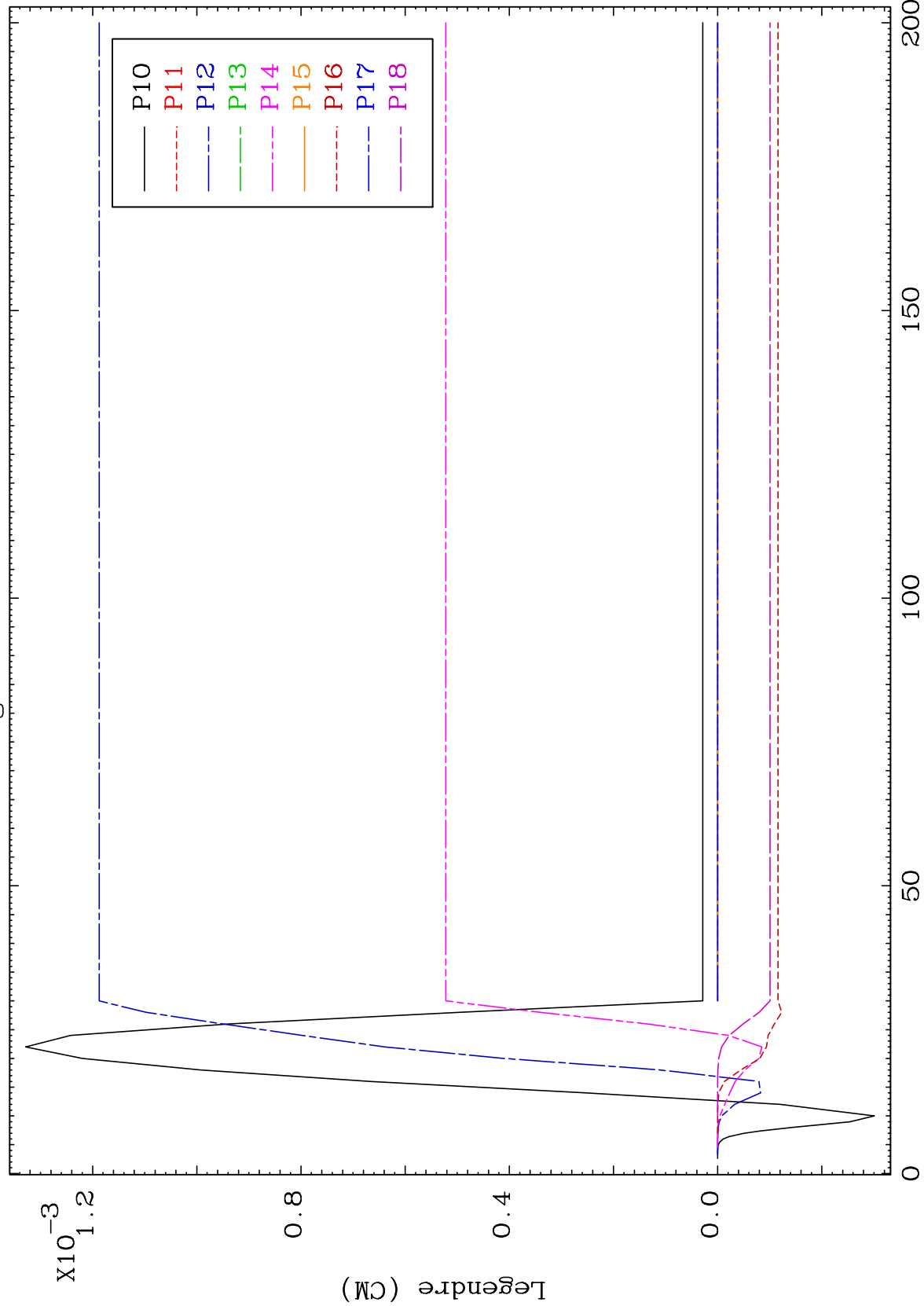
55-Cs-142



MAT 5552

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

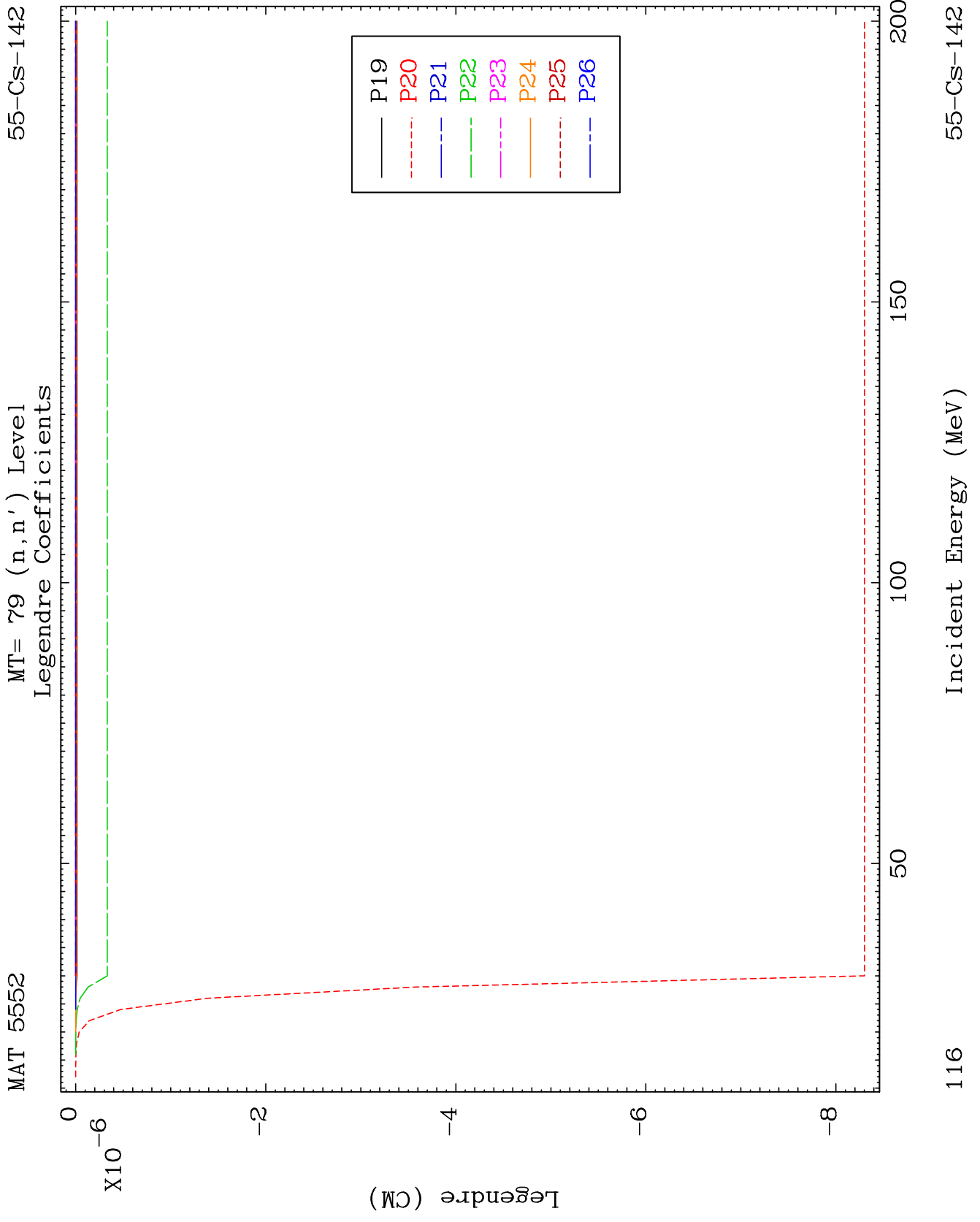
55-Cs-142



115

Incident Energy (MeV)

55-Cs-142

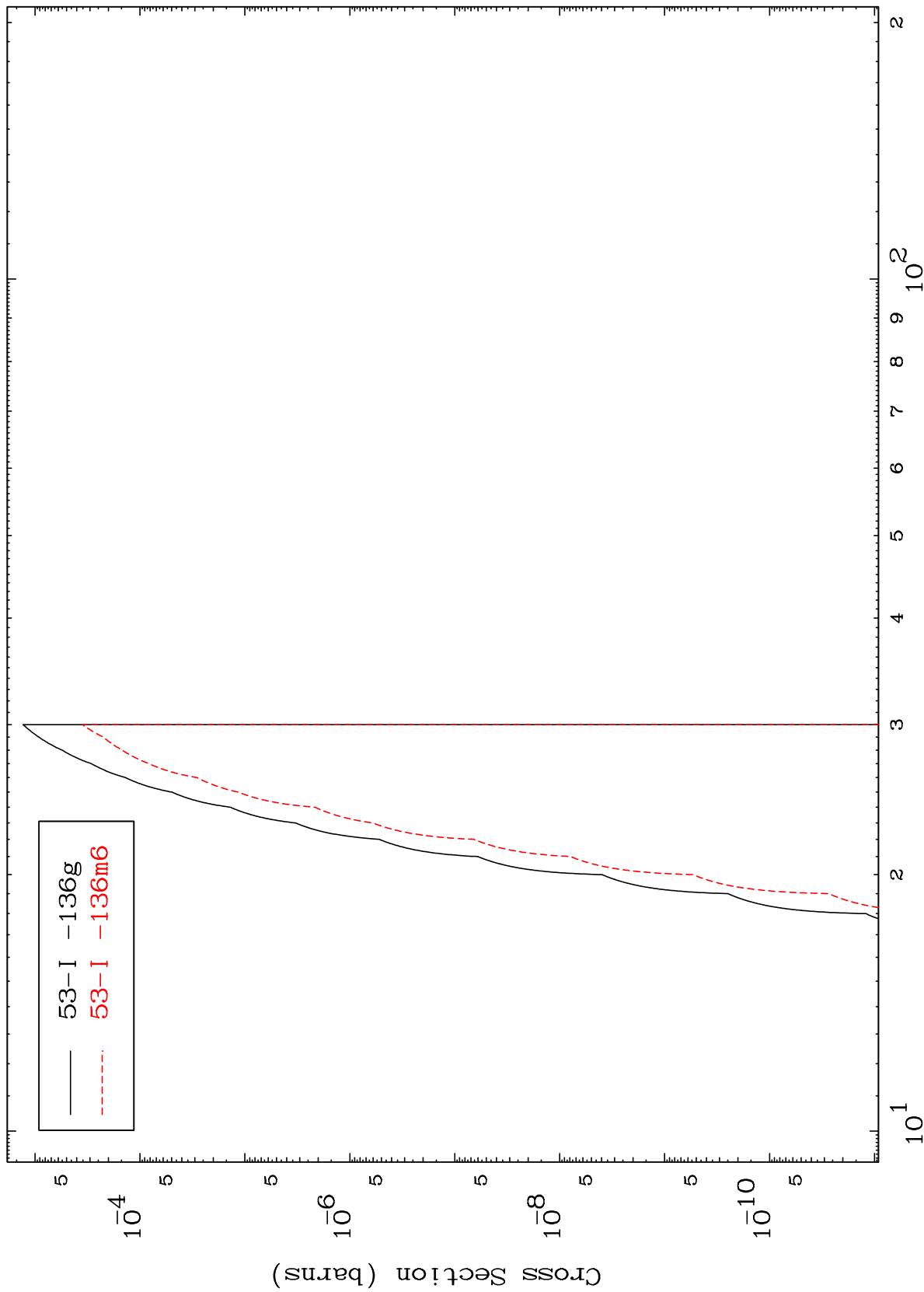


MAT 5552

(n,3n)  $\alpha$

55-Cs-142

Radionuclide Production Cross Section



117

Incident Energy (MeV)

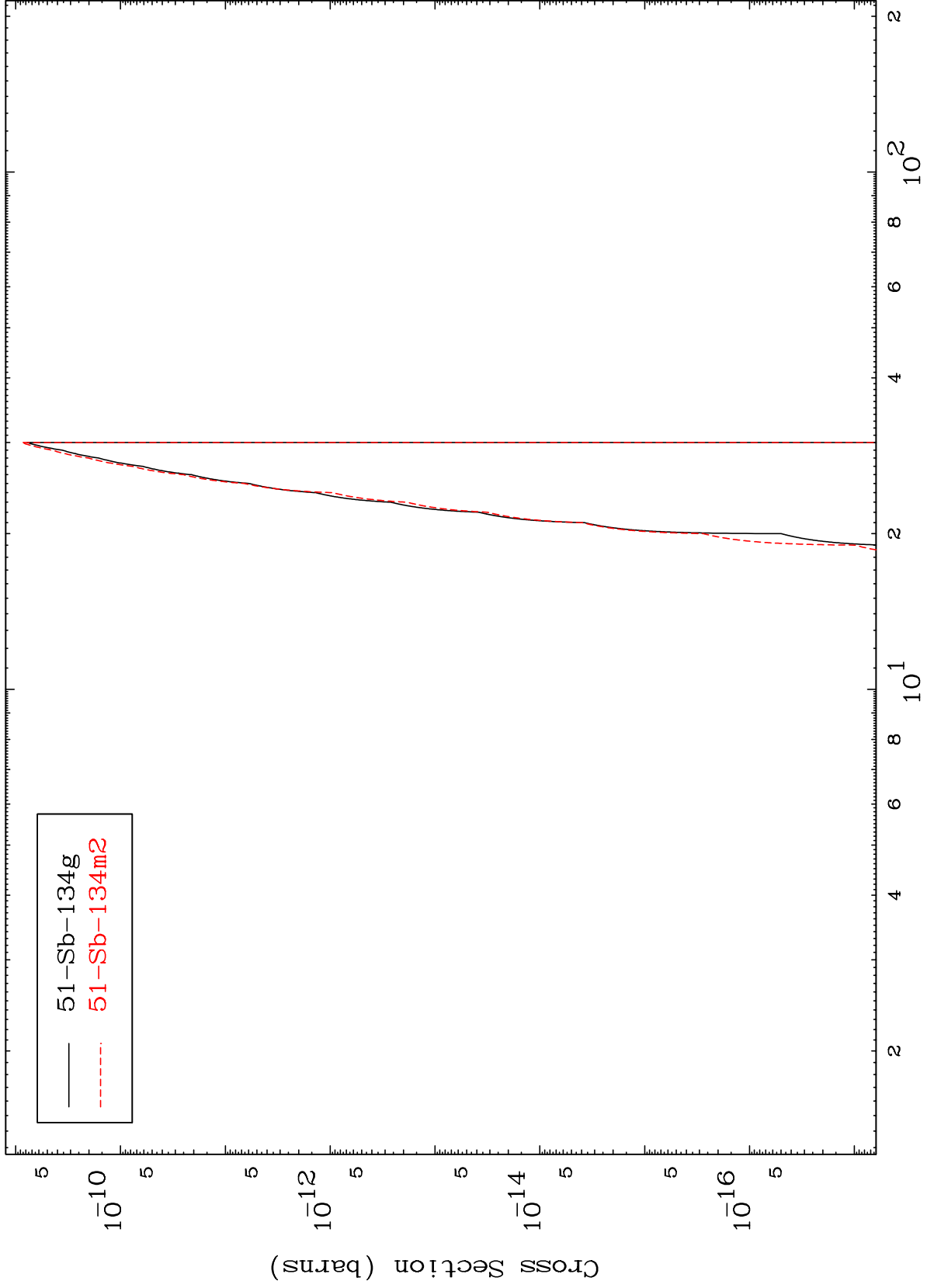
55-Cs-142

MAT 5552

(n,n') 2 $\alpha$

55-Cs-142

Radionuclide Production Cross Section



118

Incident Energy (MeV)

55-Cs-142