

Program EVALPLOT
(Version 2021-1)

by

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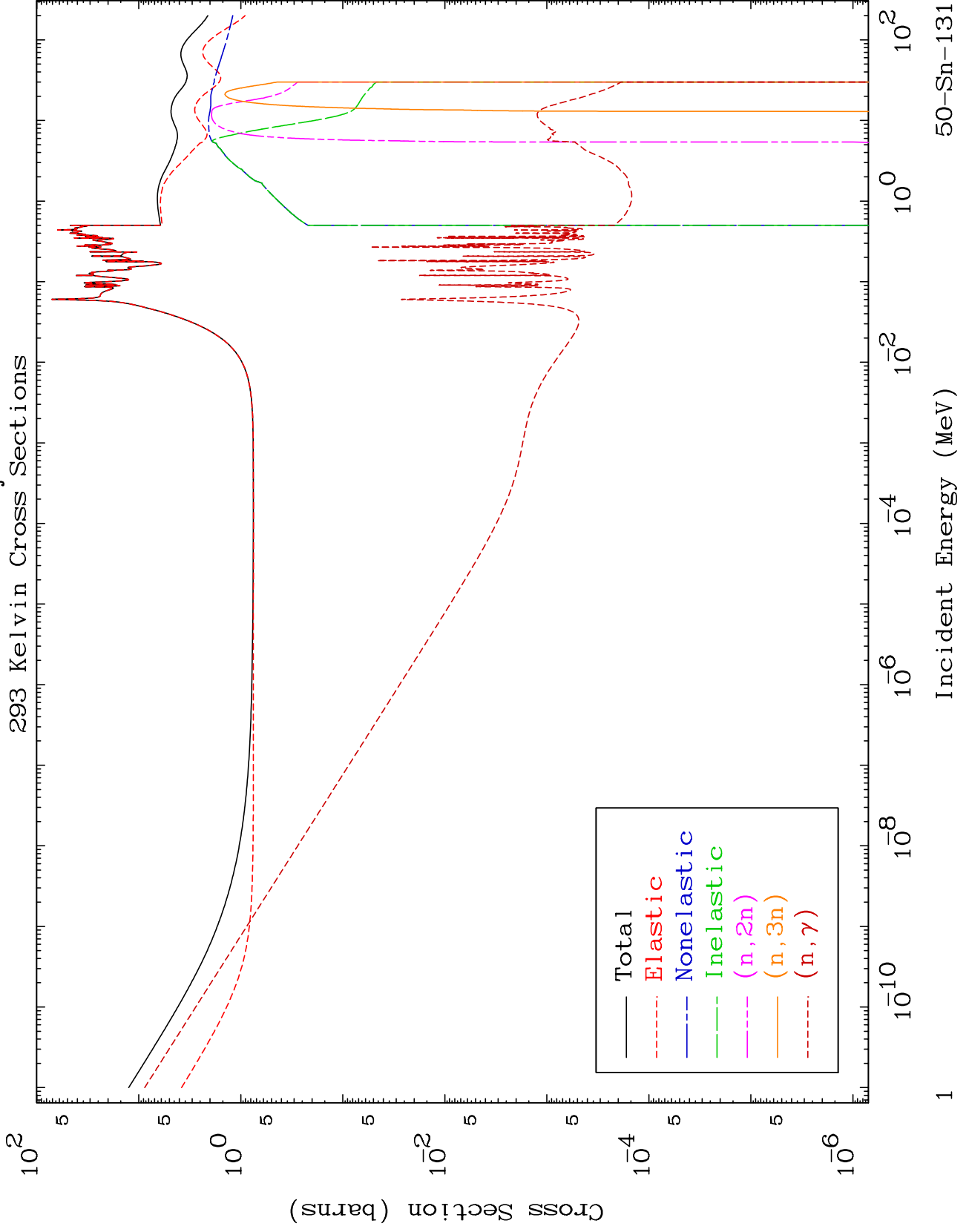
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5082

Neutron Major
293 Kelvin Cross Sections

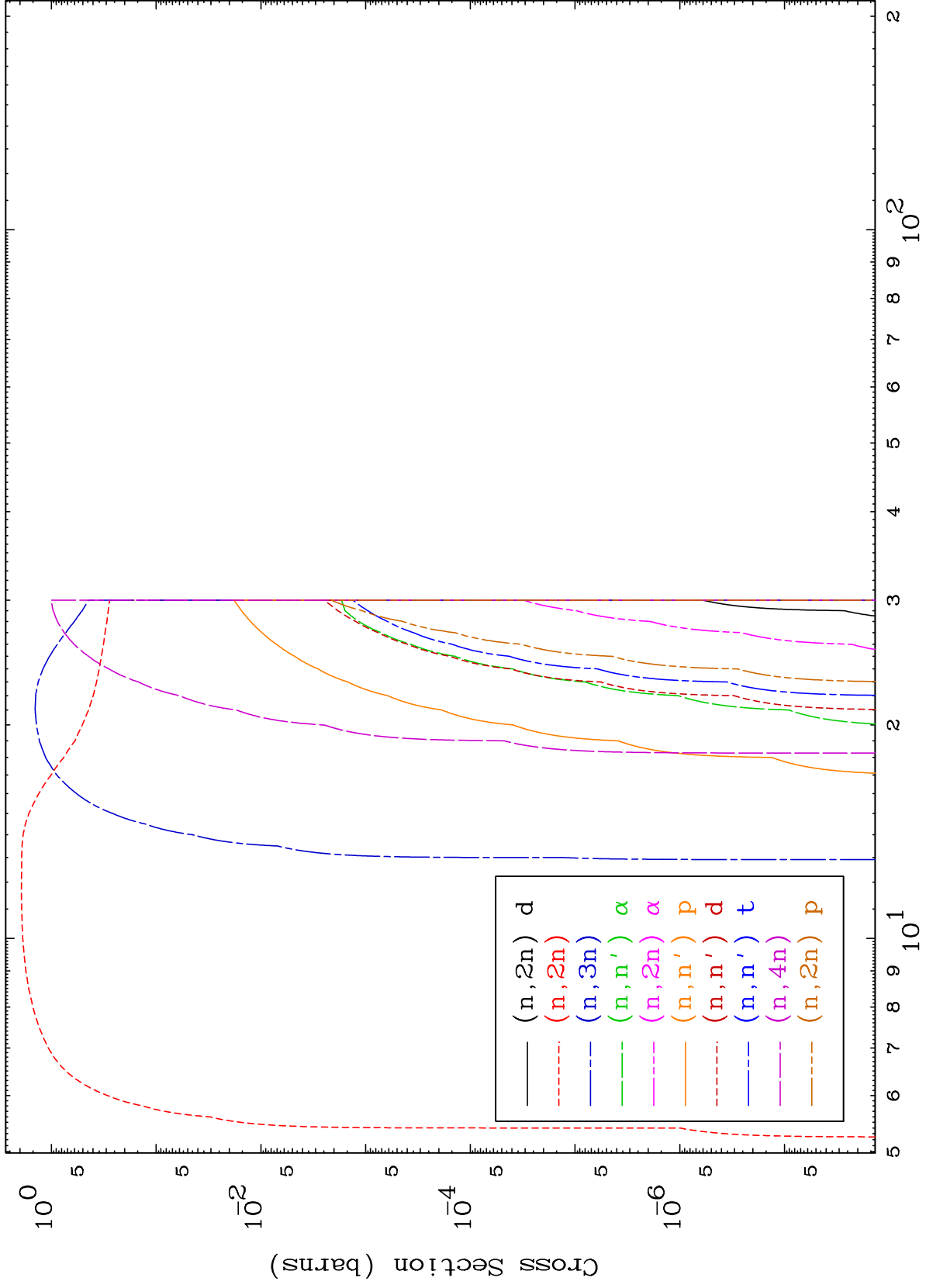
50-Sn-131



MAT 5082

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-131



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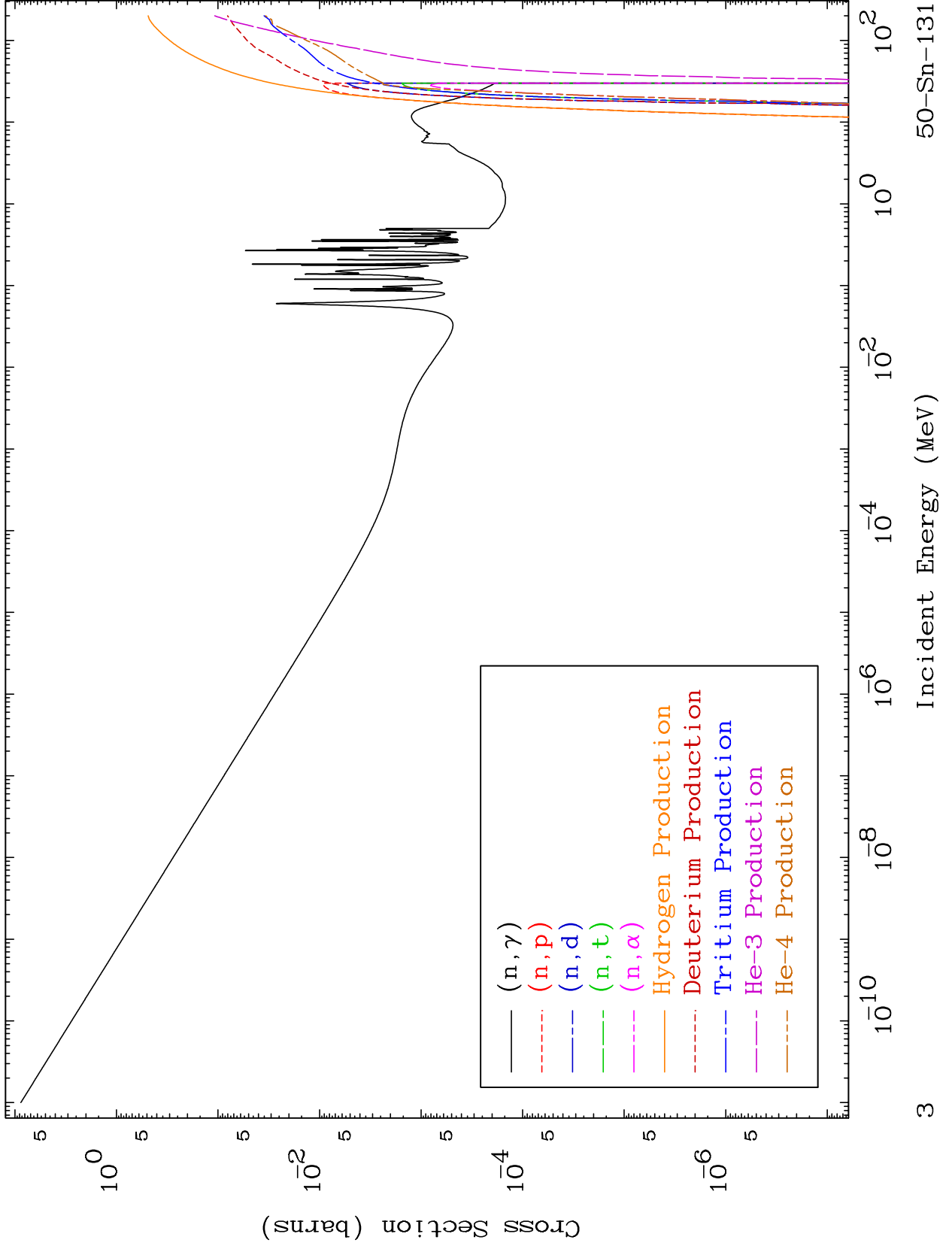
Incident Energy (MeV)

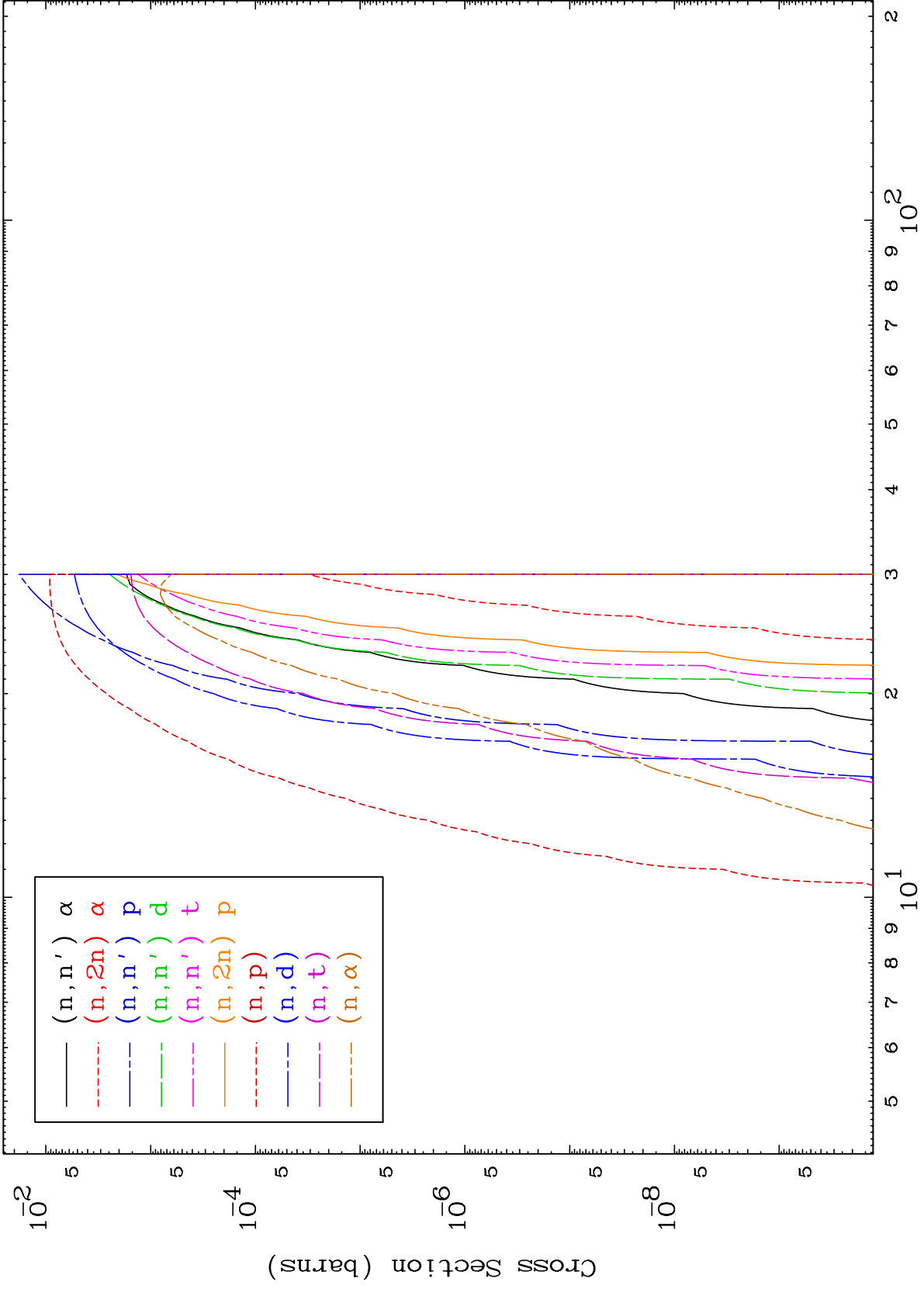
50-Sn-131

MAT 5082

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-131

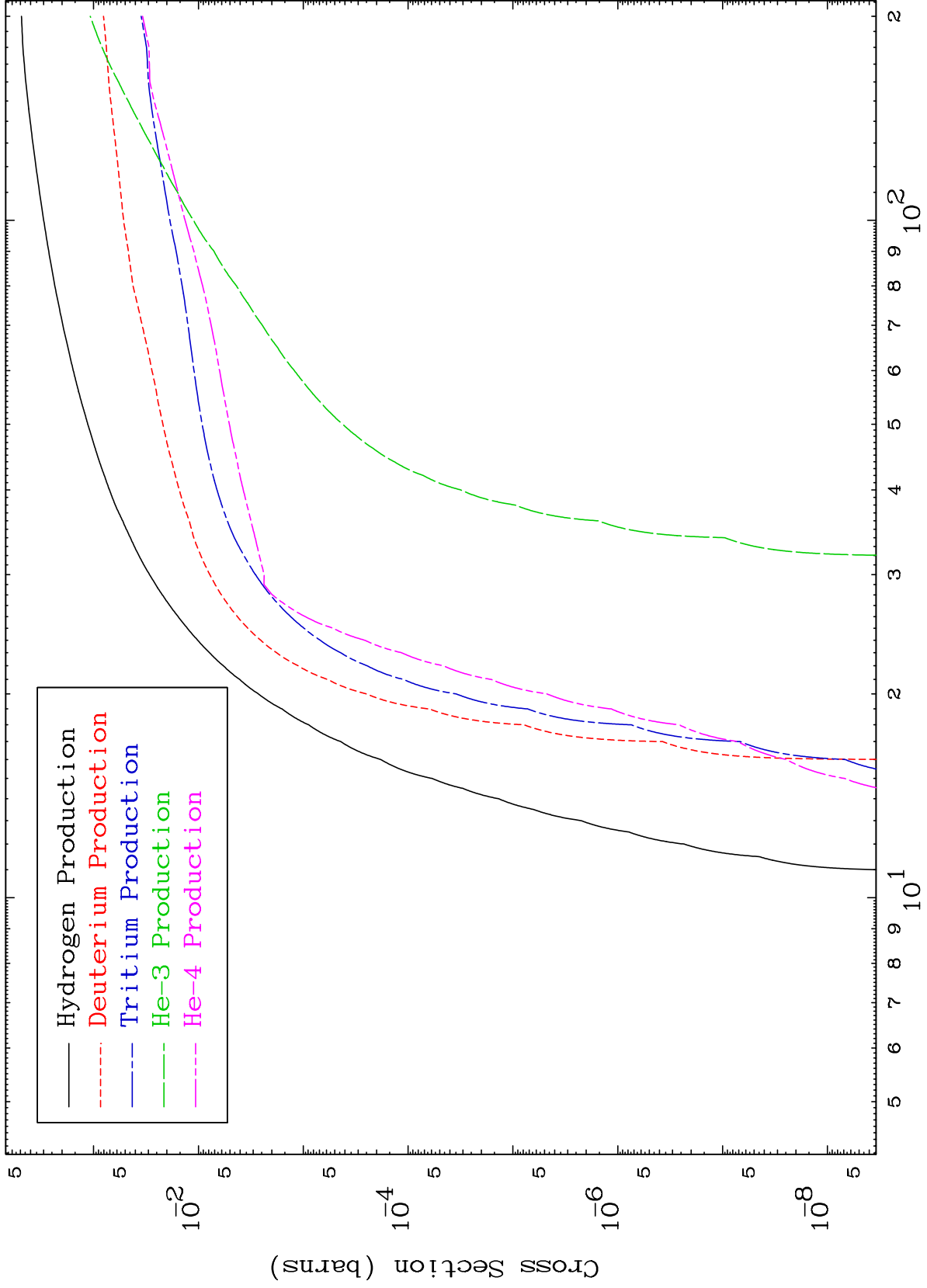




MAT 5082

Particle Production
293 Kelvin Cross Sections

50-Sn-131



5

Incident Energy (MeV)

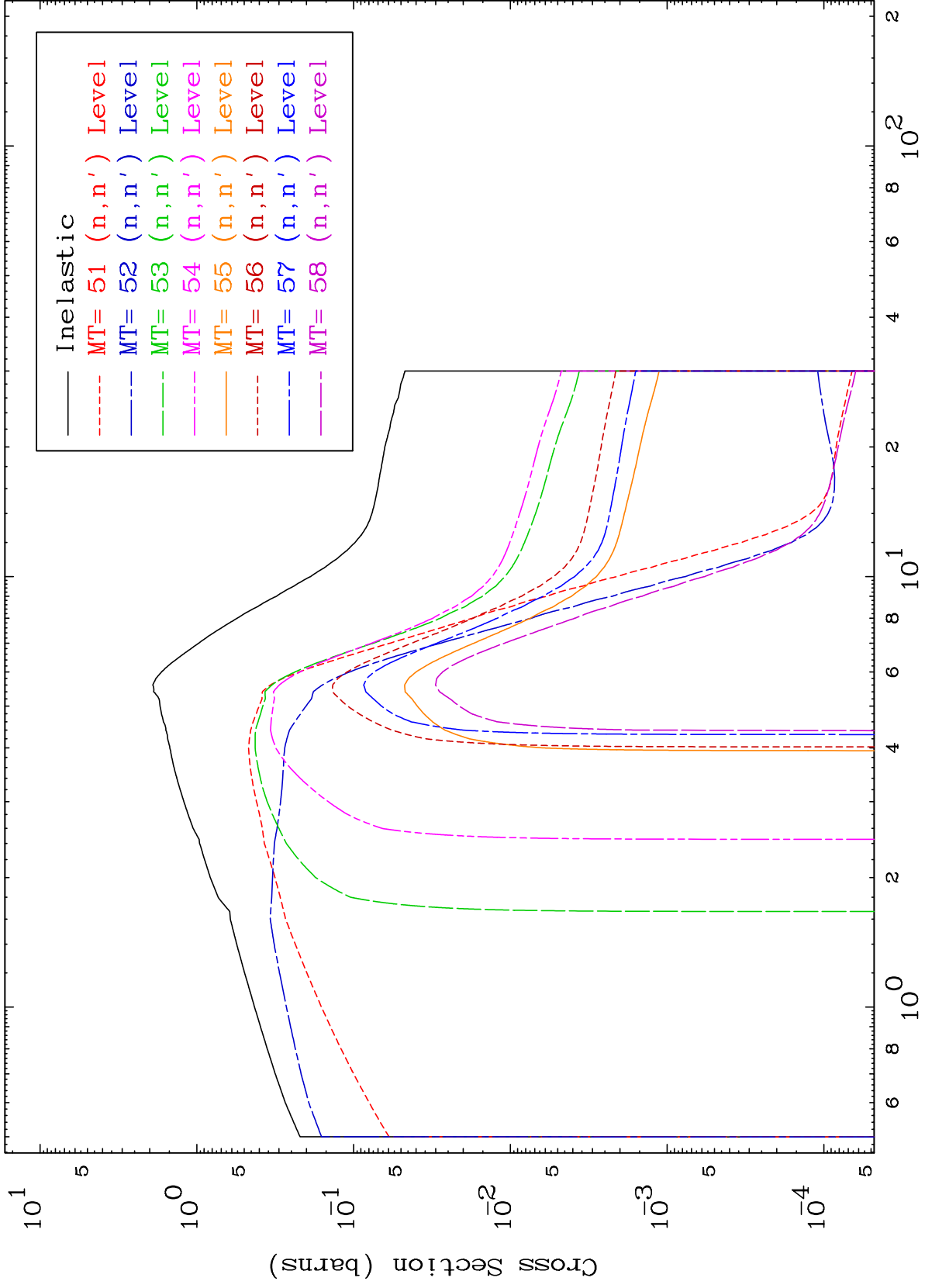
50-Sn-131

MAT 5082

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-131



6

Incident Energy (MeV)

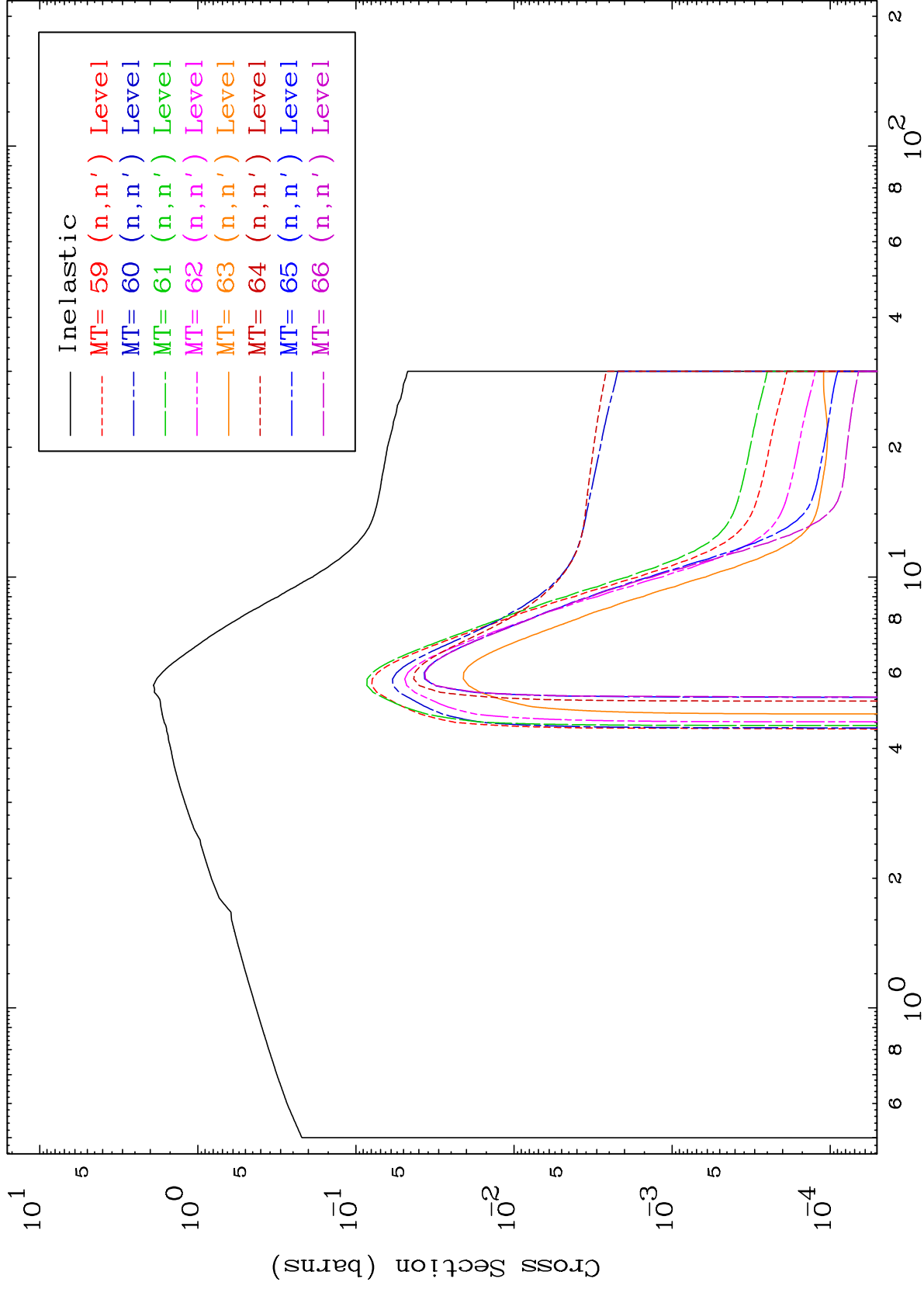
50-Sn-131

MAT 5082

(n,n') Levels

50-Sn-131

293 Kelvin Cross Sections



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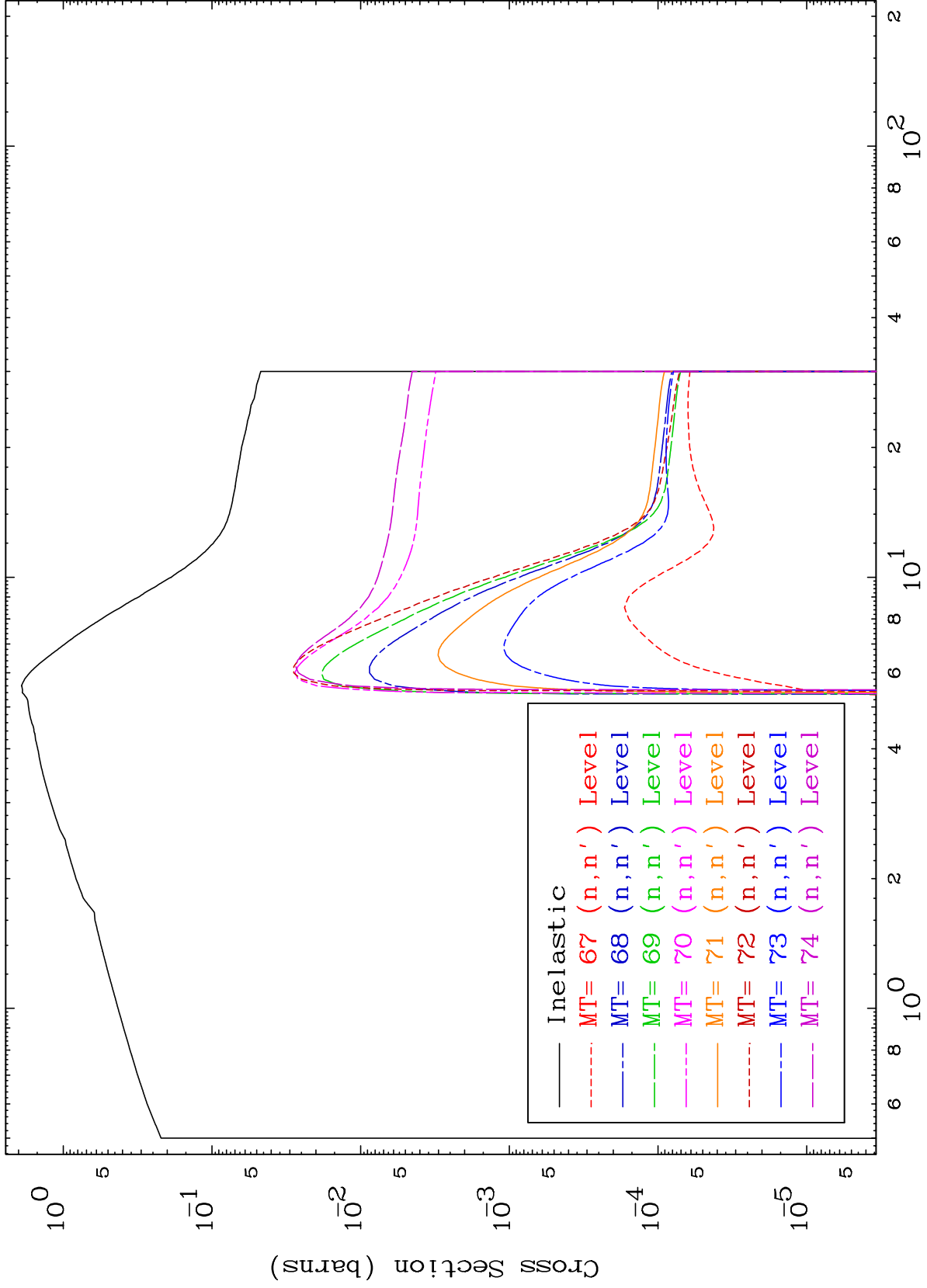
Incident Energy (MeV)

50-Sn-131

MAT 5082

(n,n') Levels
293 Kelvin Cross Sections

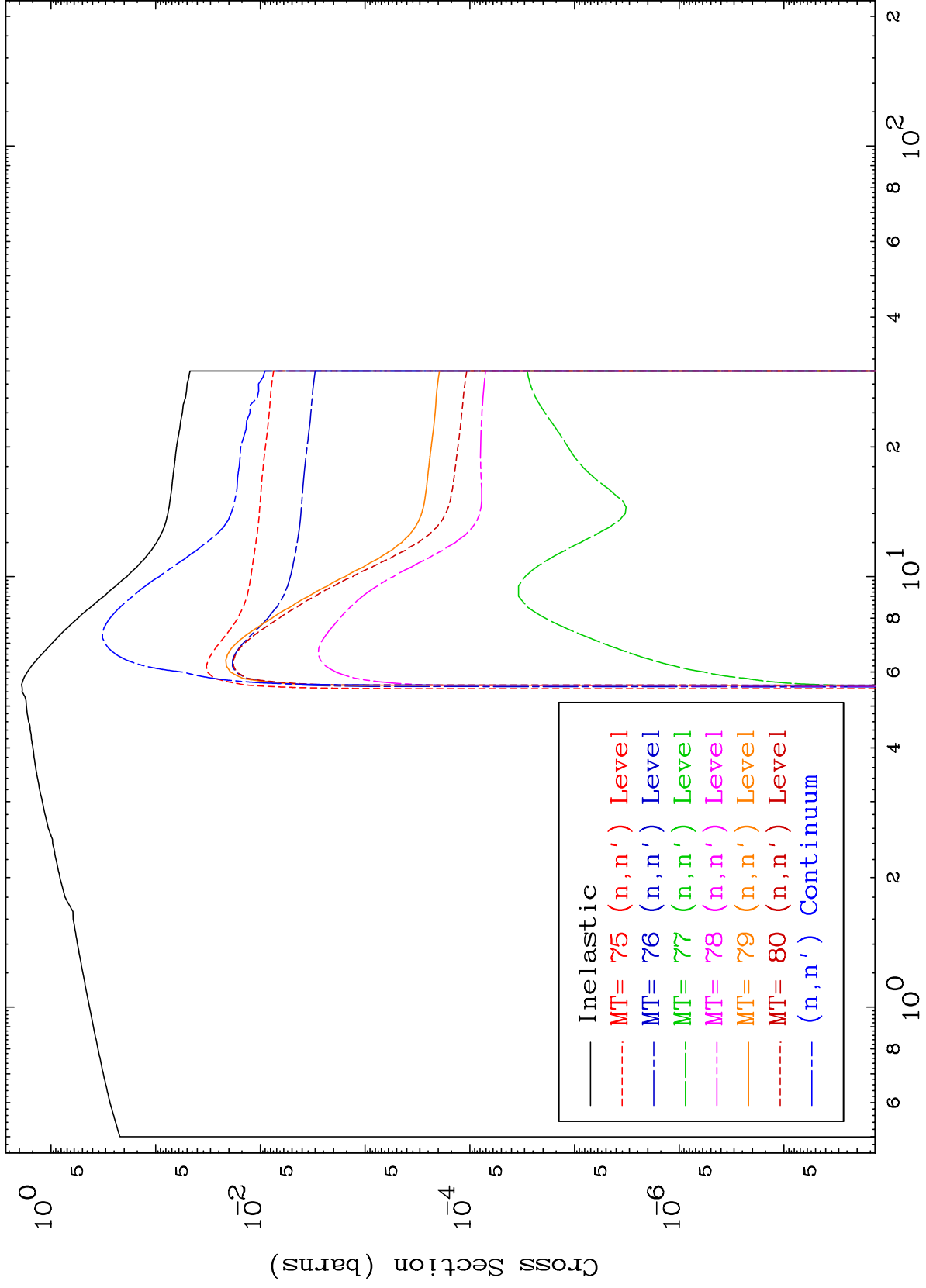
50-Sn-131



MAT 5082

(n,n') Levels
293 Kelvin Cross Sections

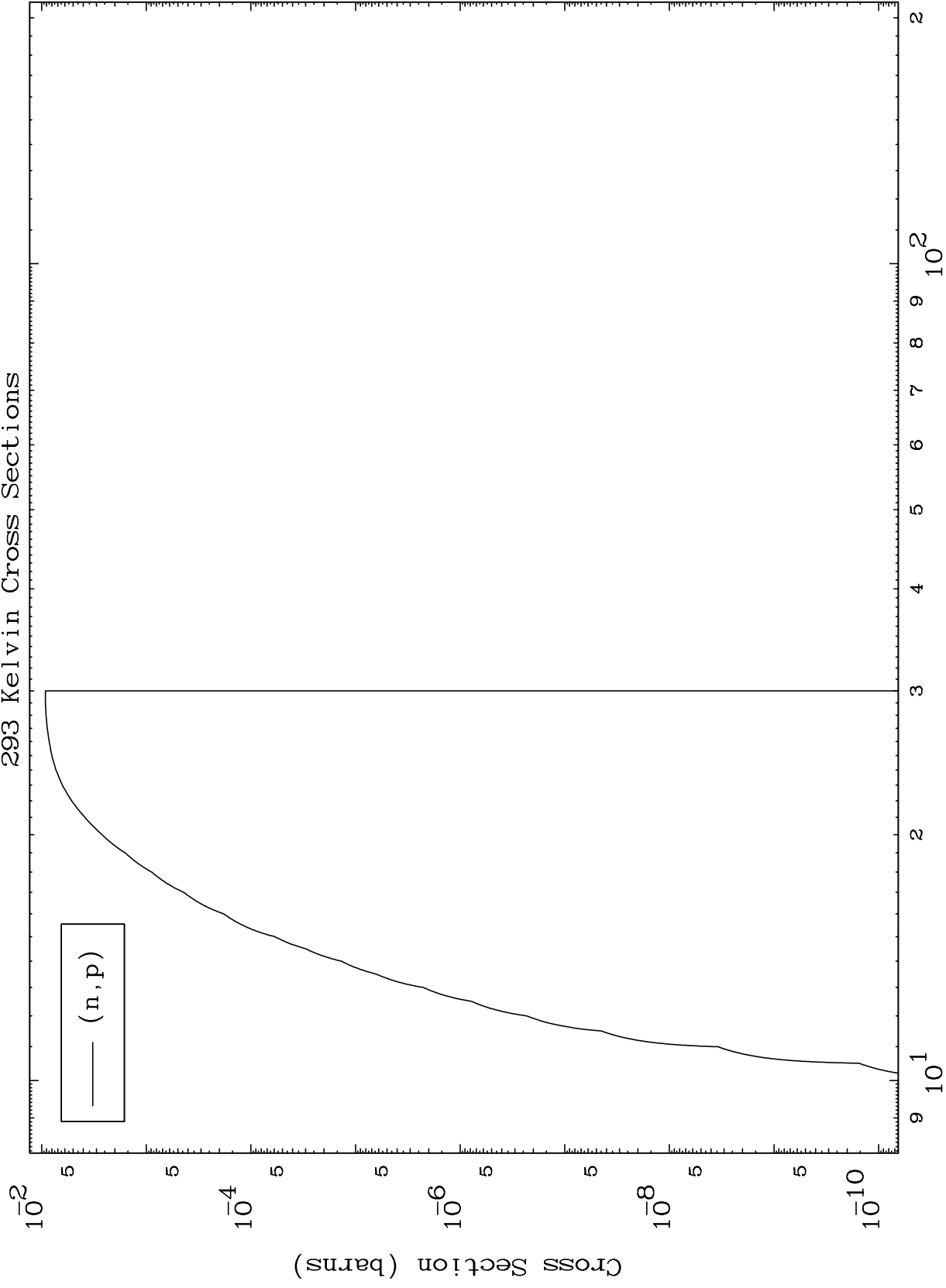
50-Sn-131



MAT 5082

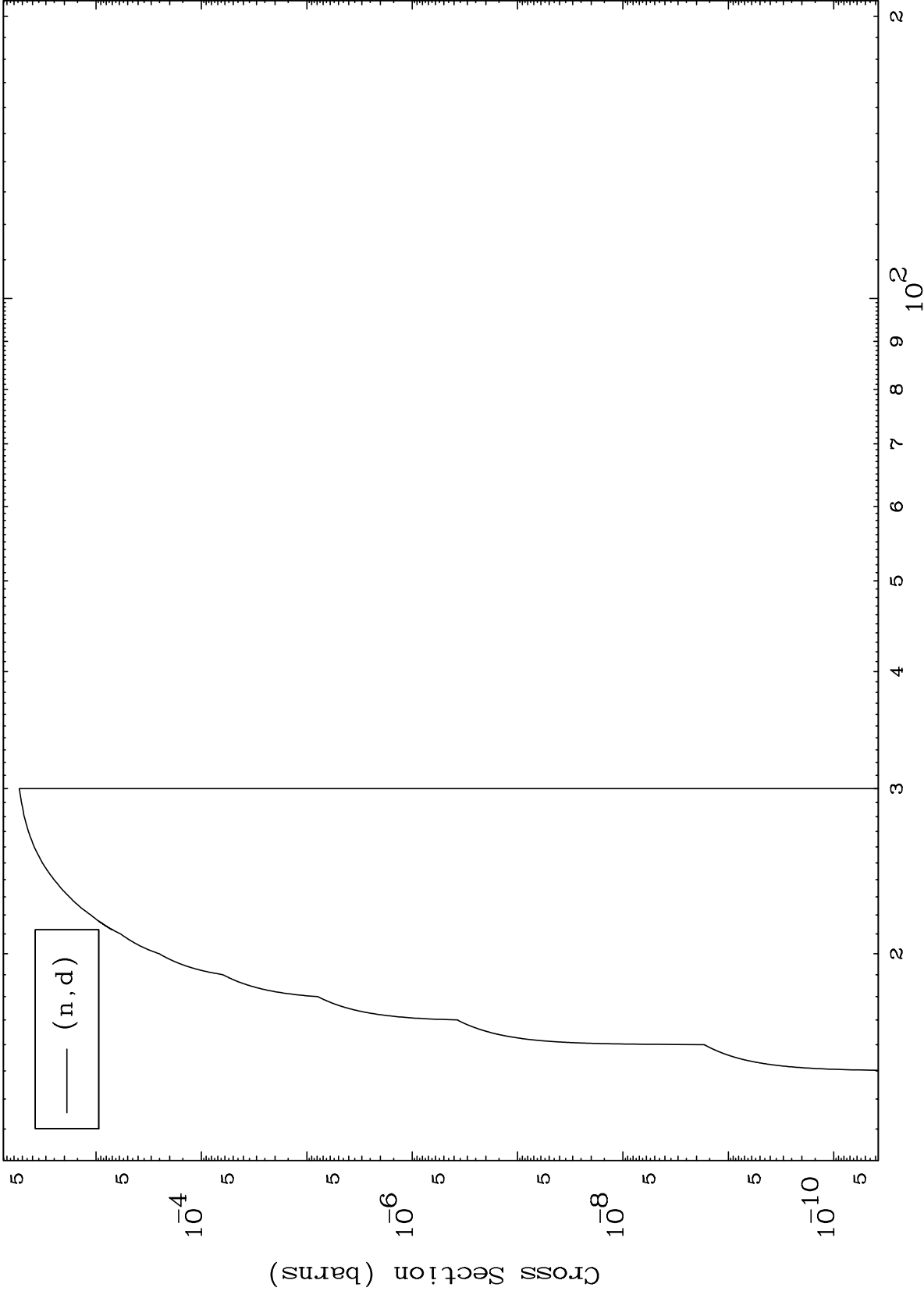
(n,p) Levels
293 Kelvin Cross Sections

50-Sn-131



50-Sn-131

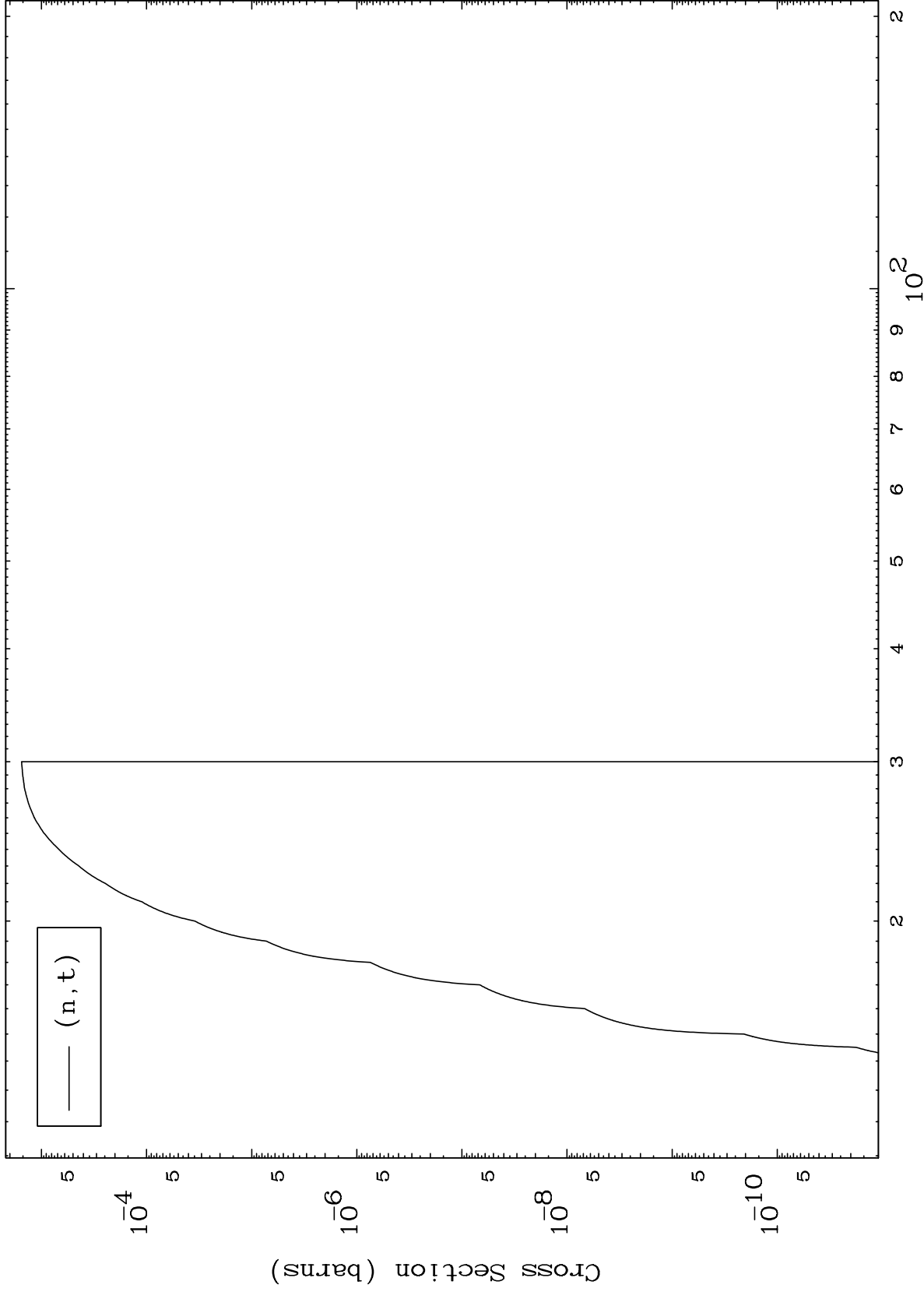
Incident Energy (MeV)



MAT 5082

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-131



12

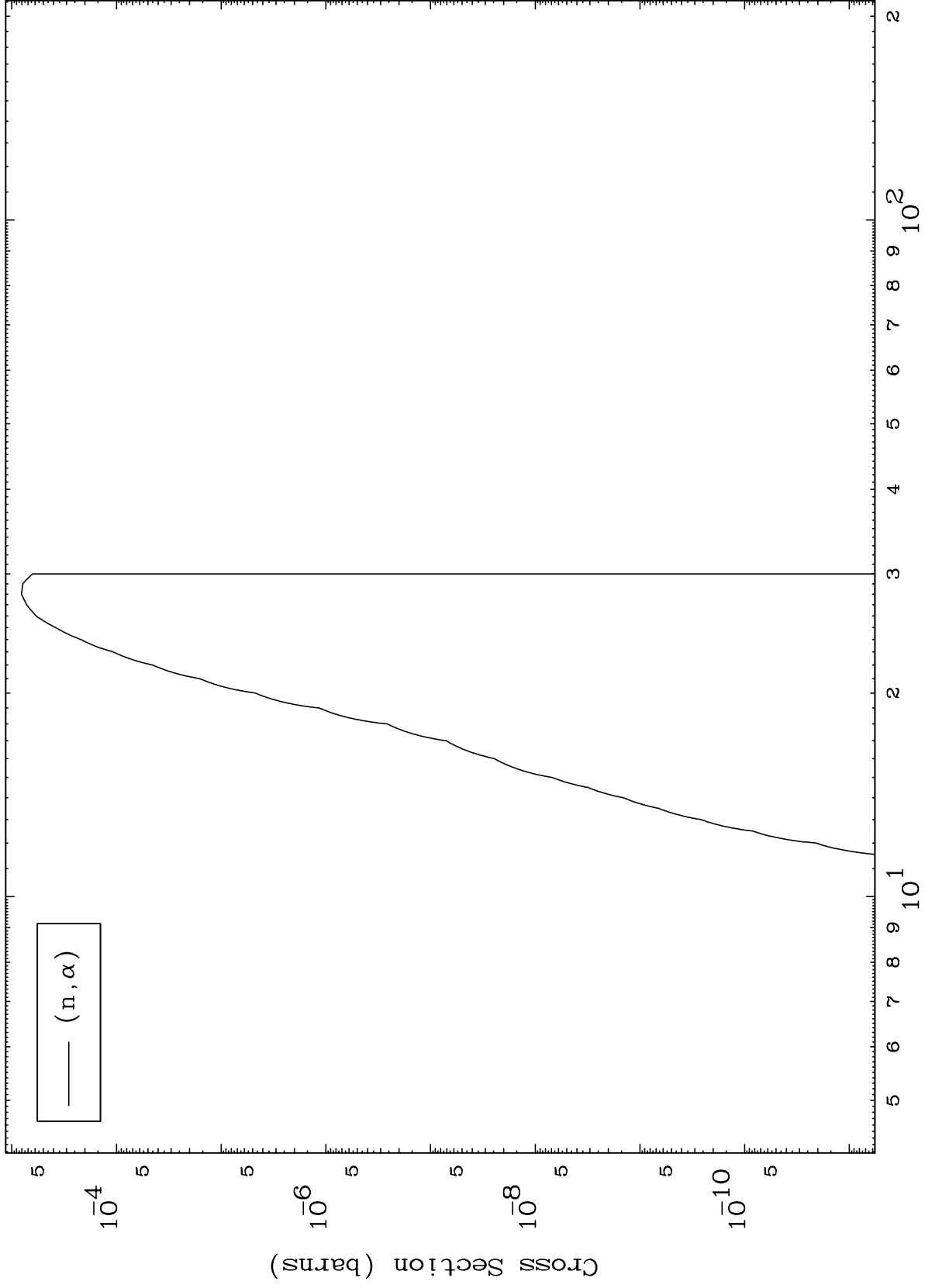
Incident Energy (MeV)

50-Sn-131

MAT 5082

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-131



13

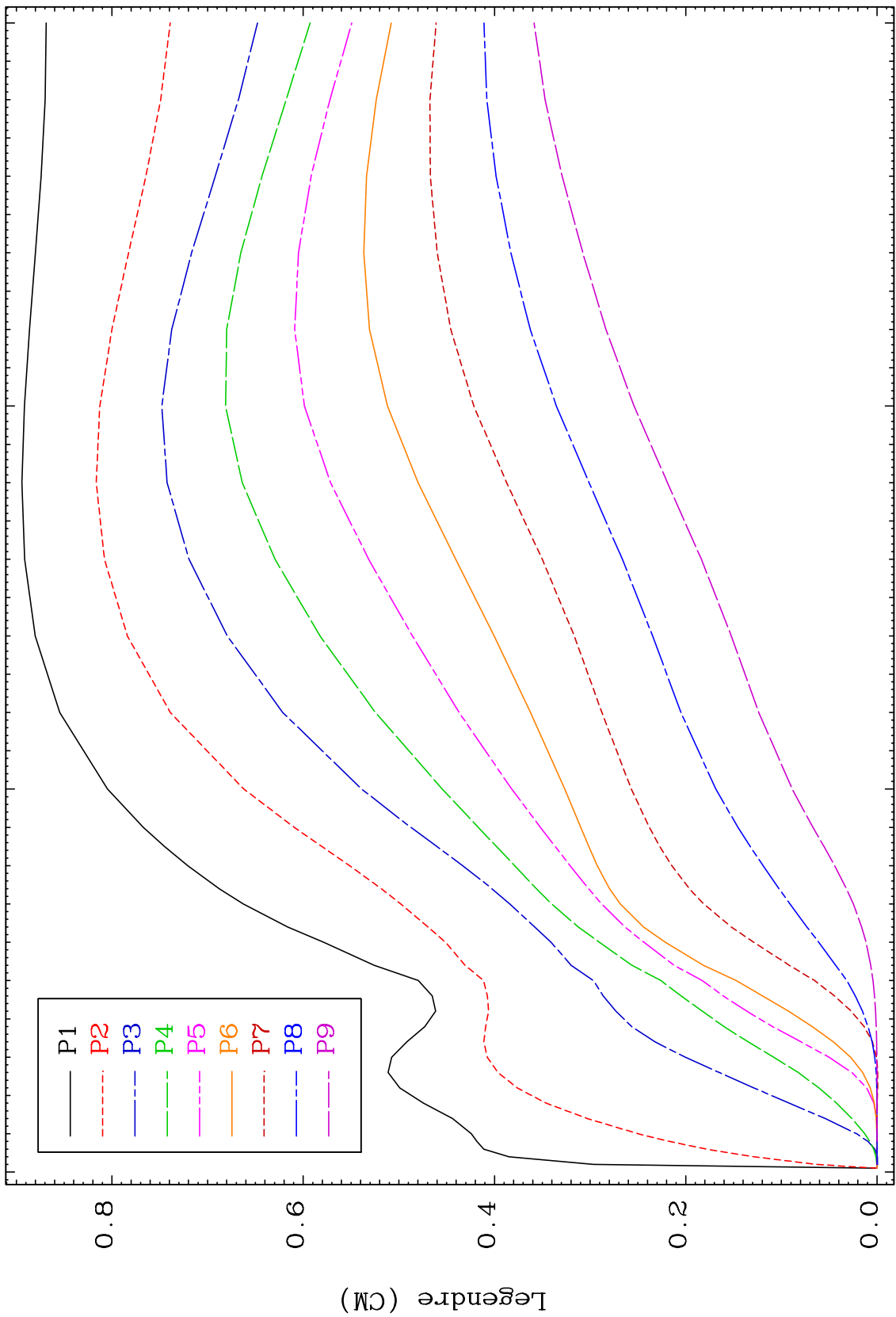
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

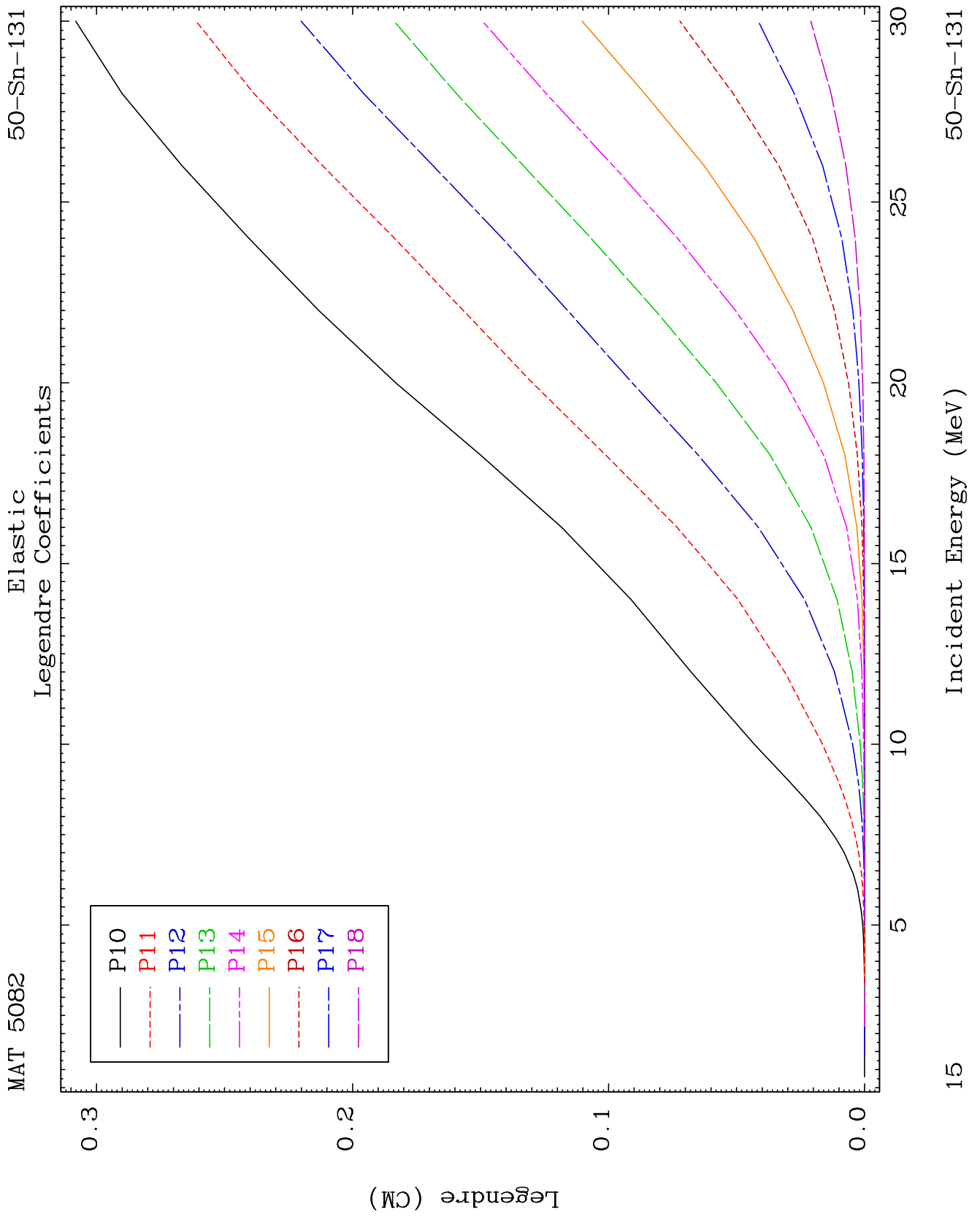
Elastic Legendre Coefficients



50-Sn-131

Incident Energy (MeV)

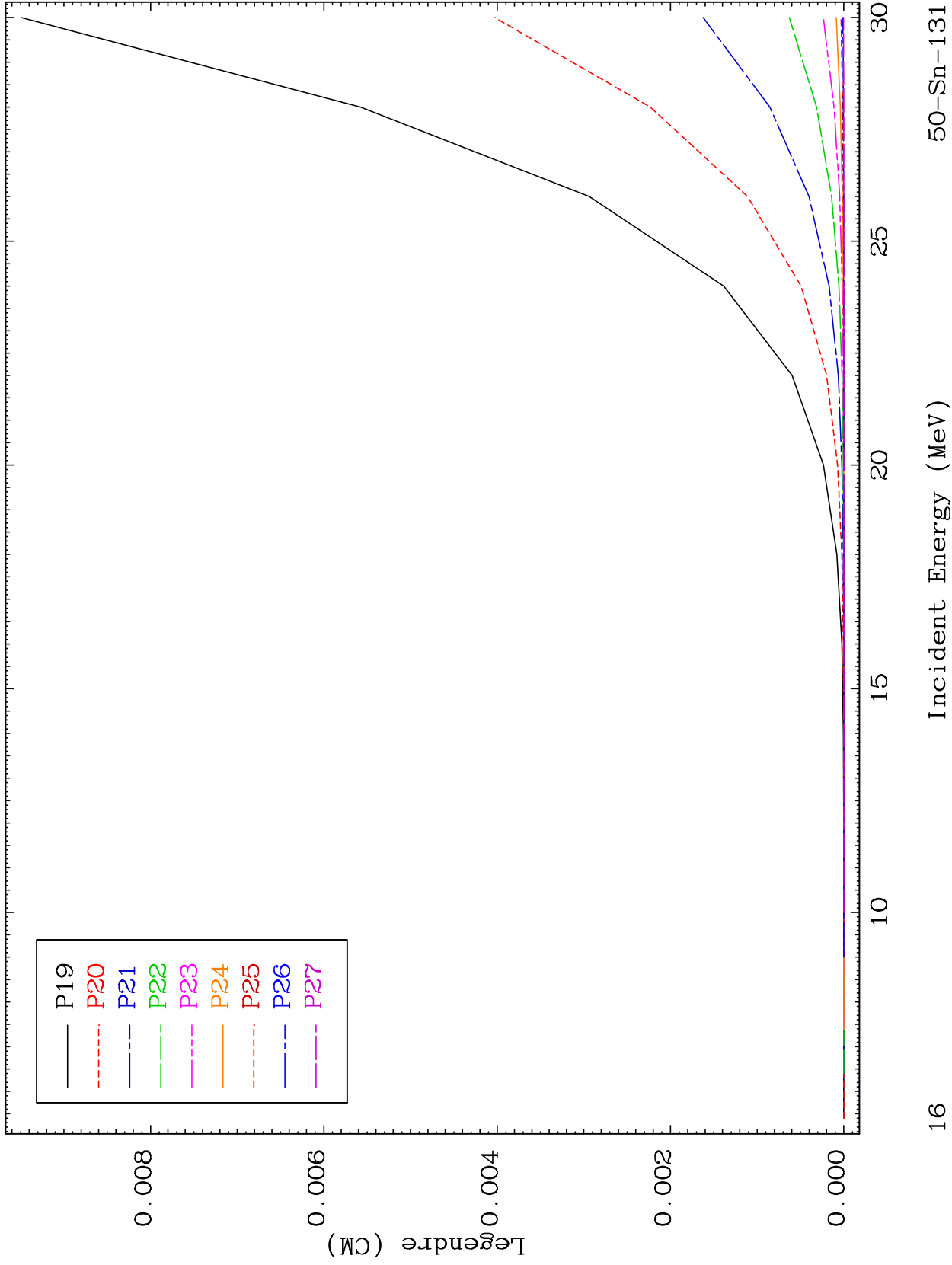
14



MAT 5082

Elastic Legendre Coefficients

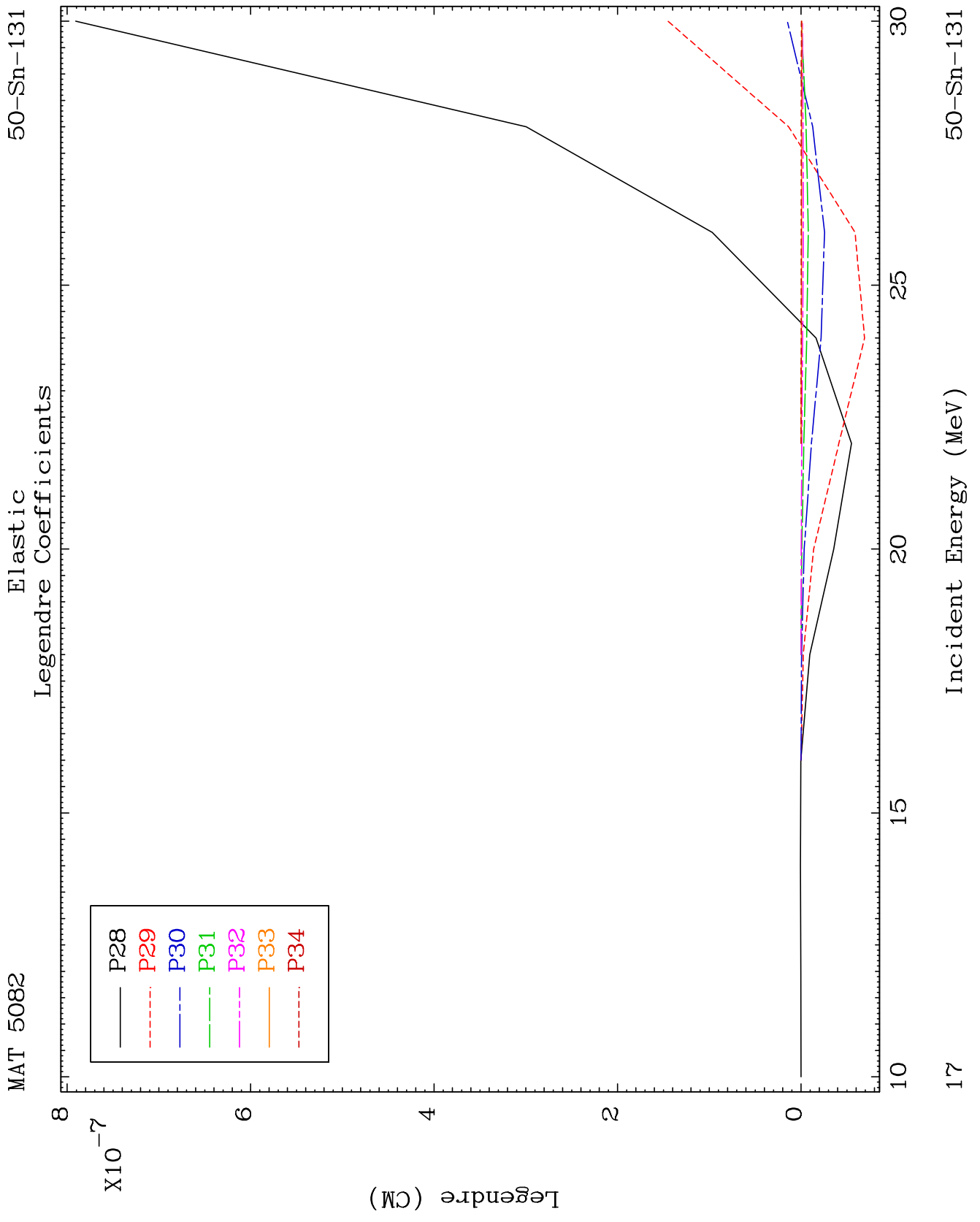
50-Sn-131



16

Incident Energy (MeV)

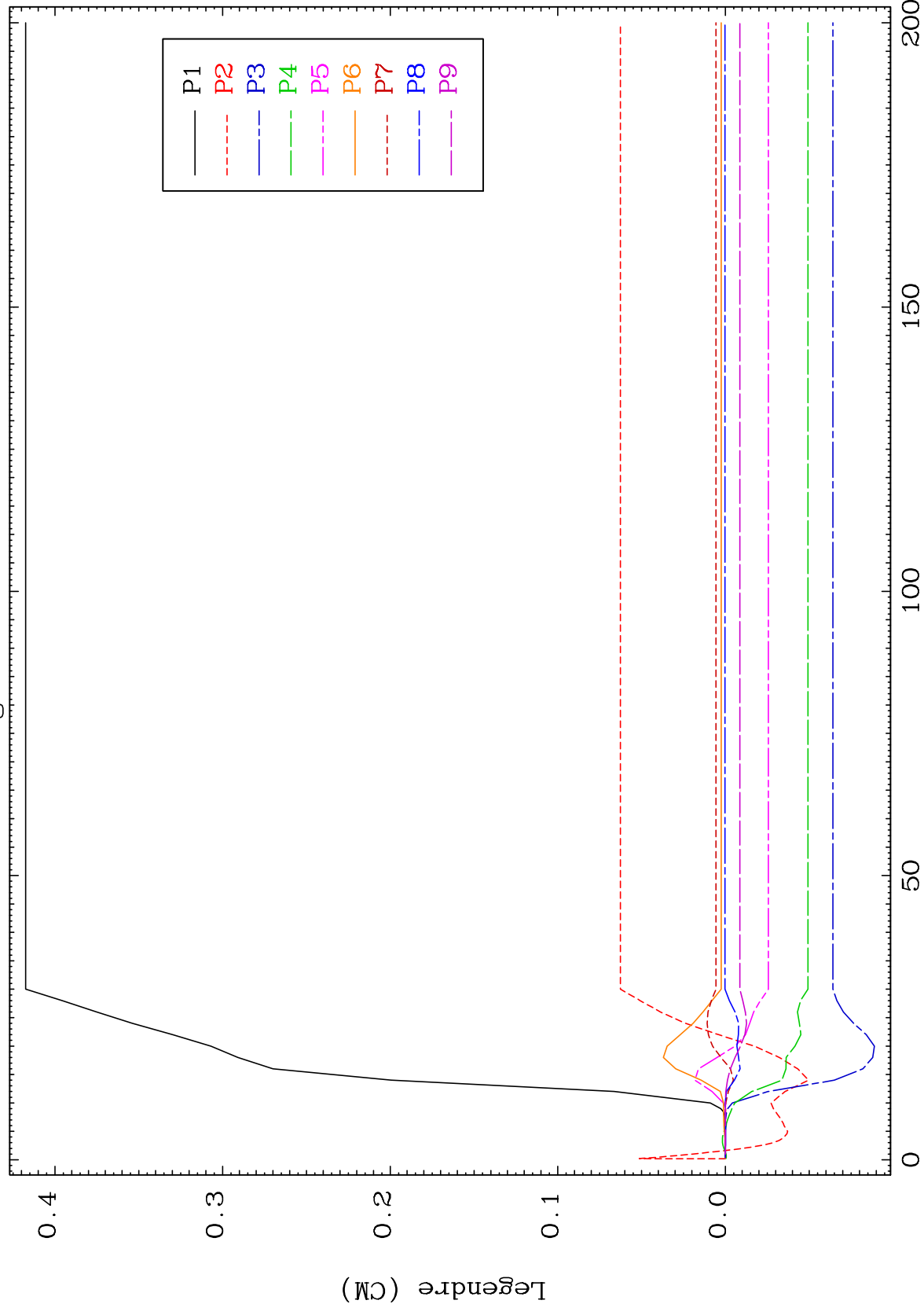
50-Sn-131



MAT 5082

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

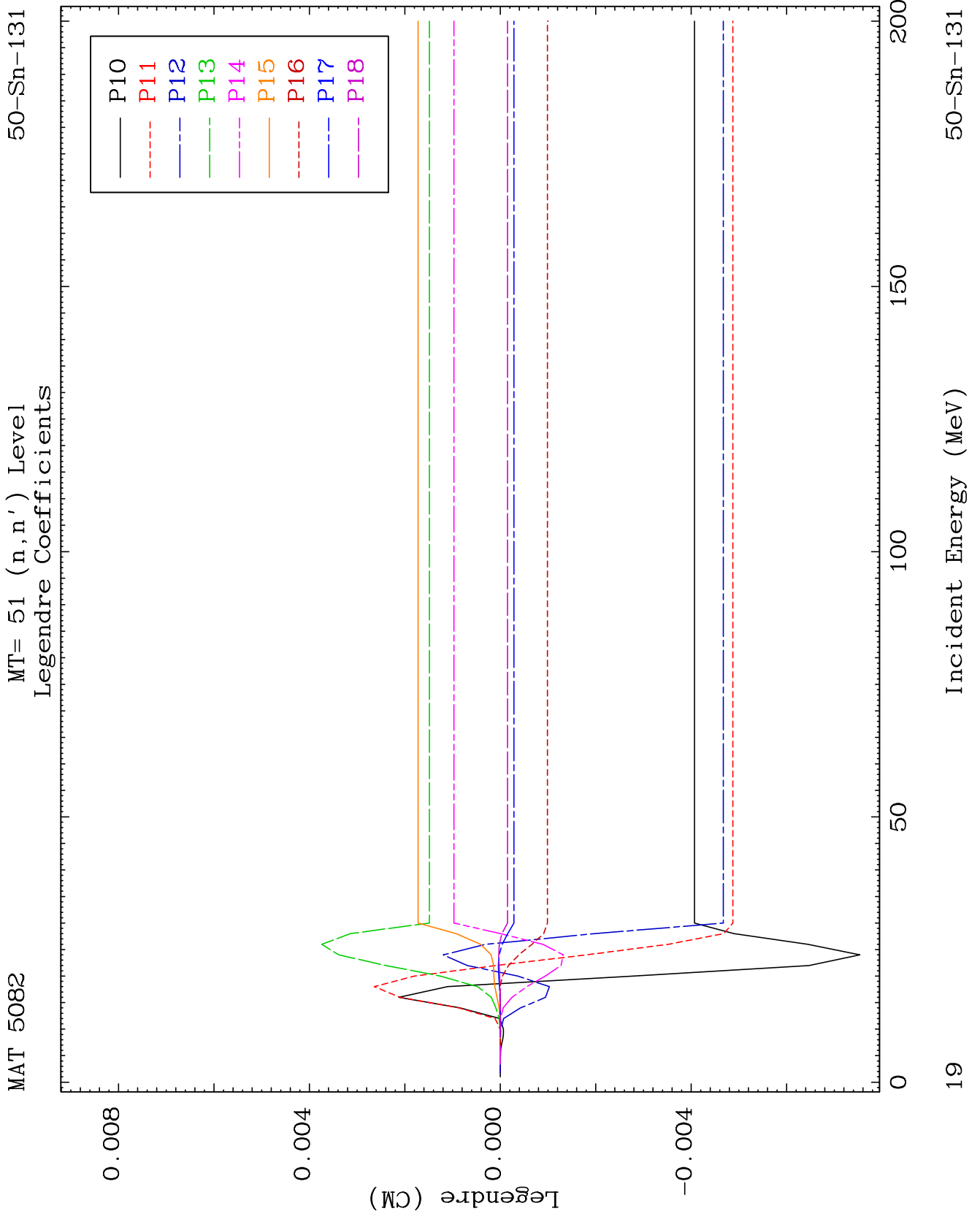
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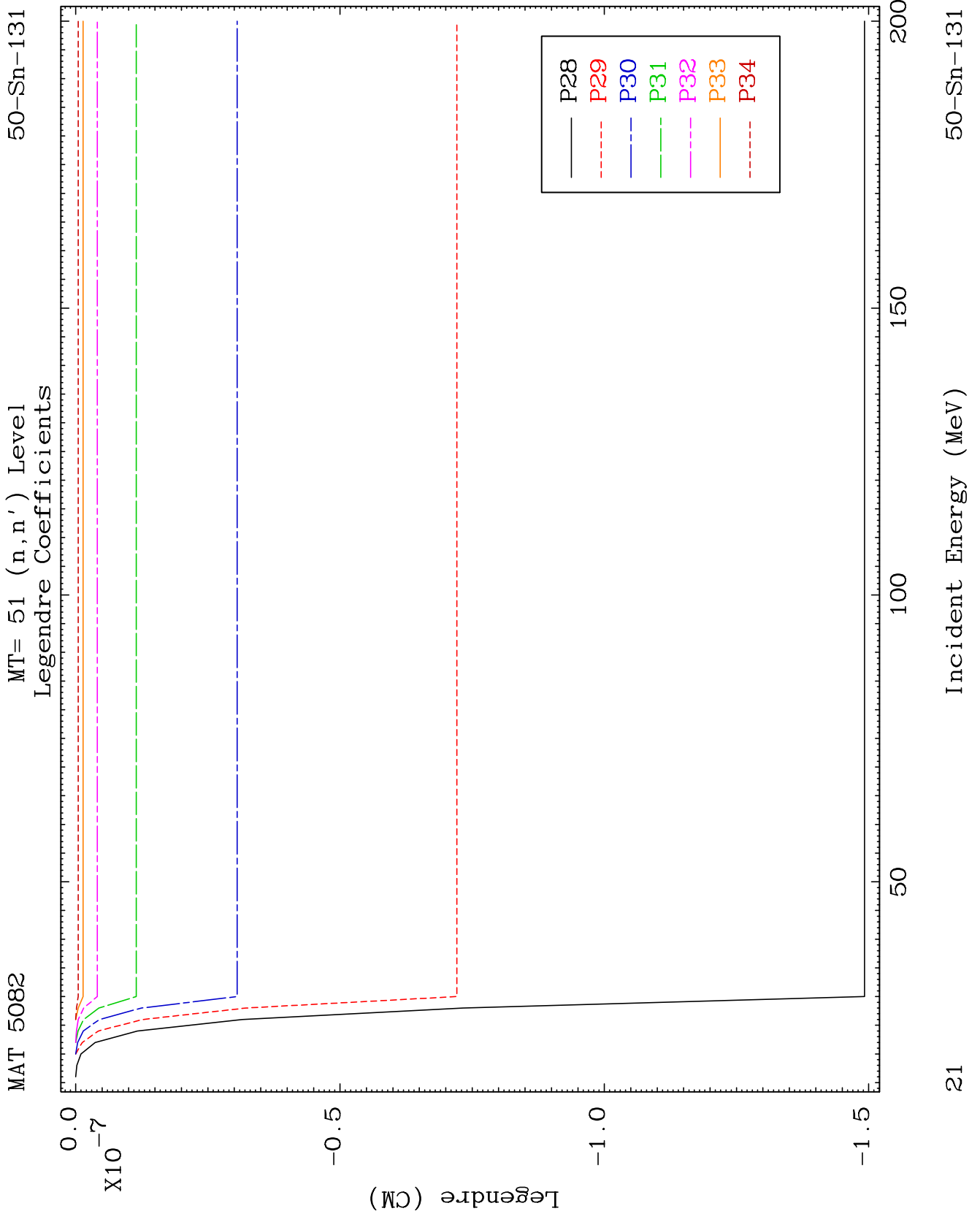


50-Sn-131

Incident Energy (MeV)

18

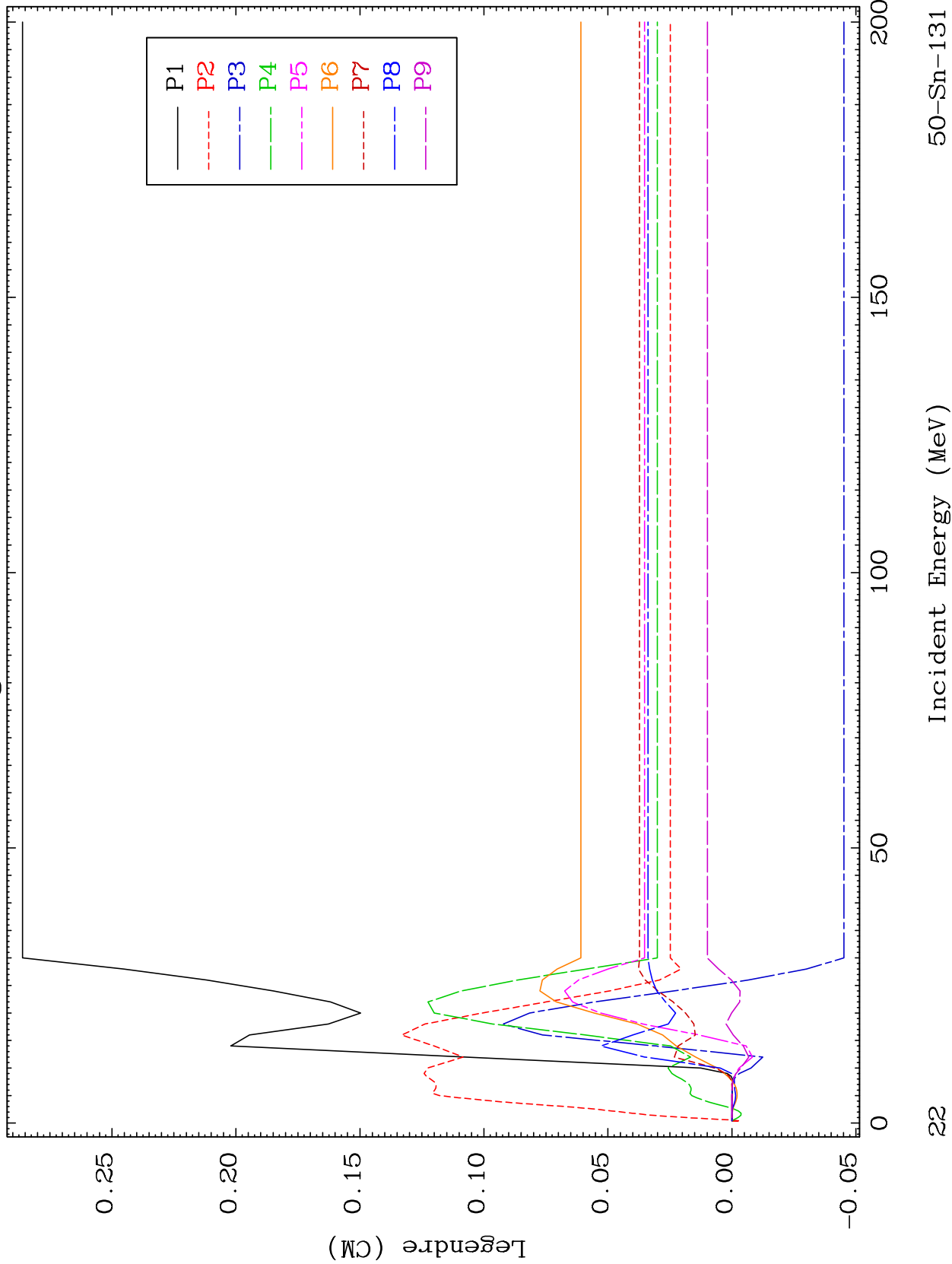




MAT 5082

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

50-Sn-131



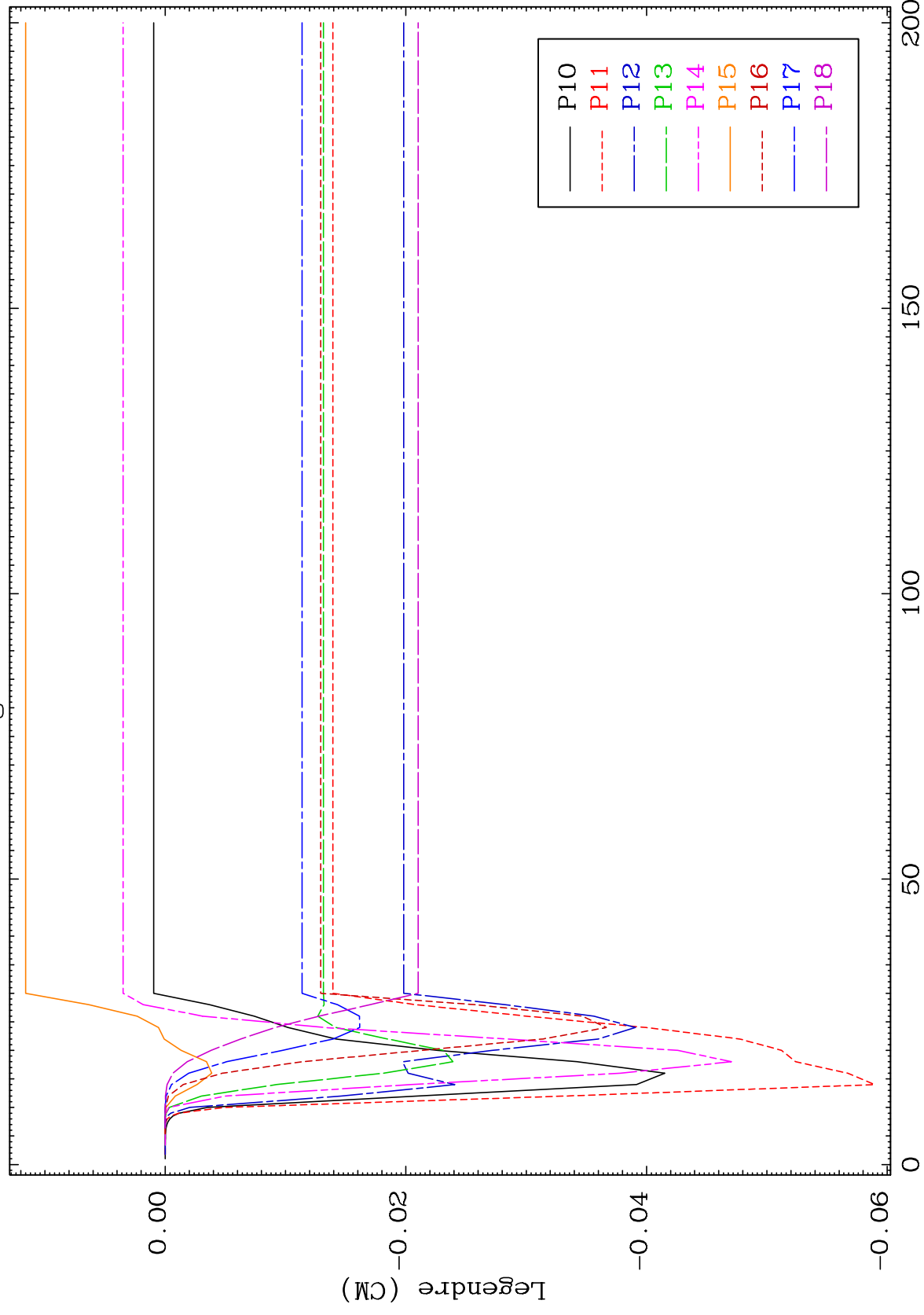
22

50-Sn-131

MAT 5082

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

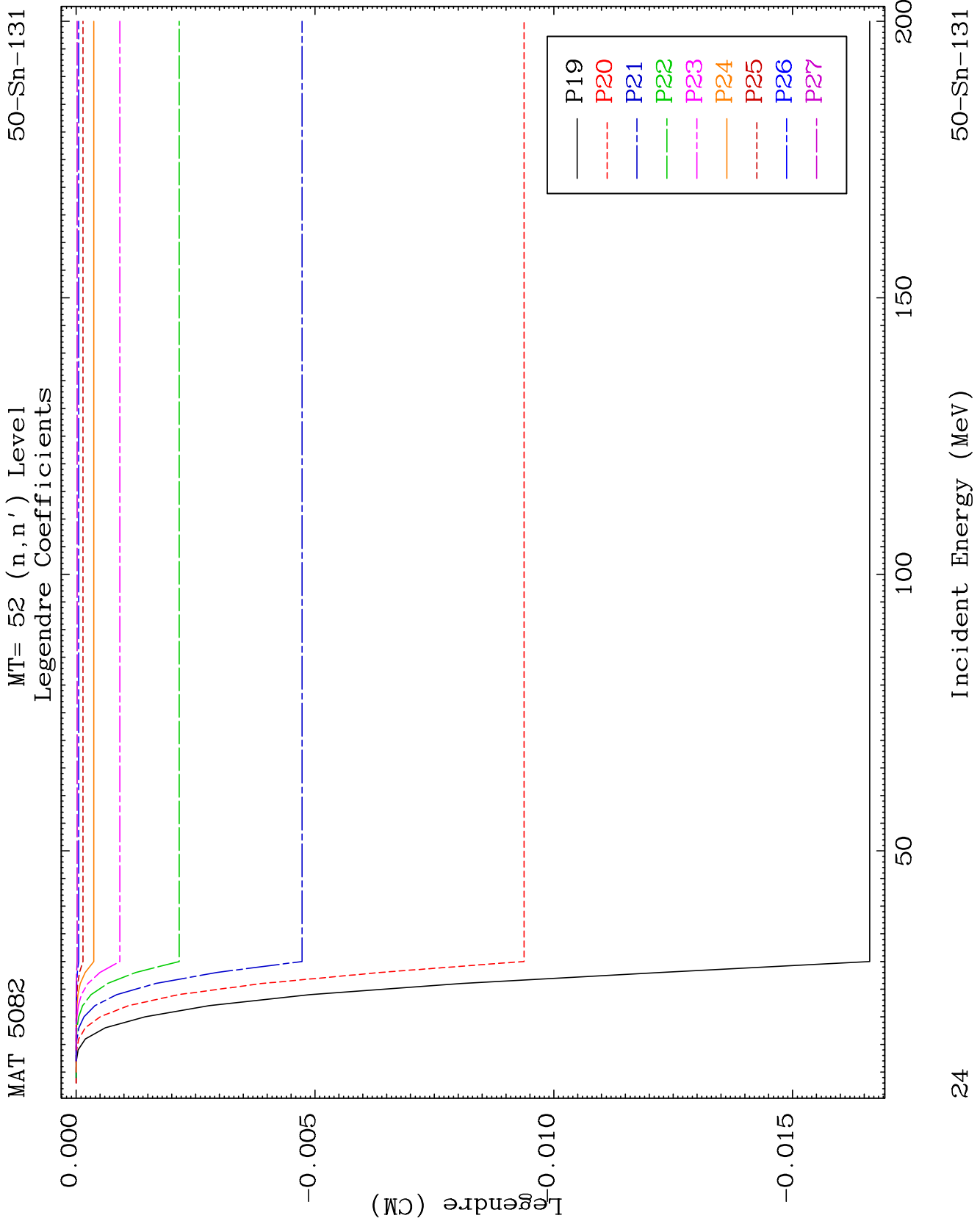
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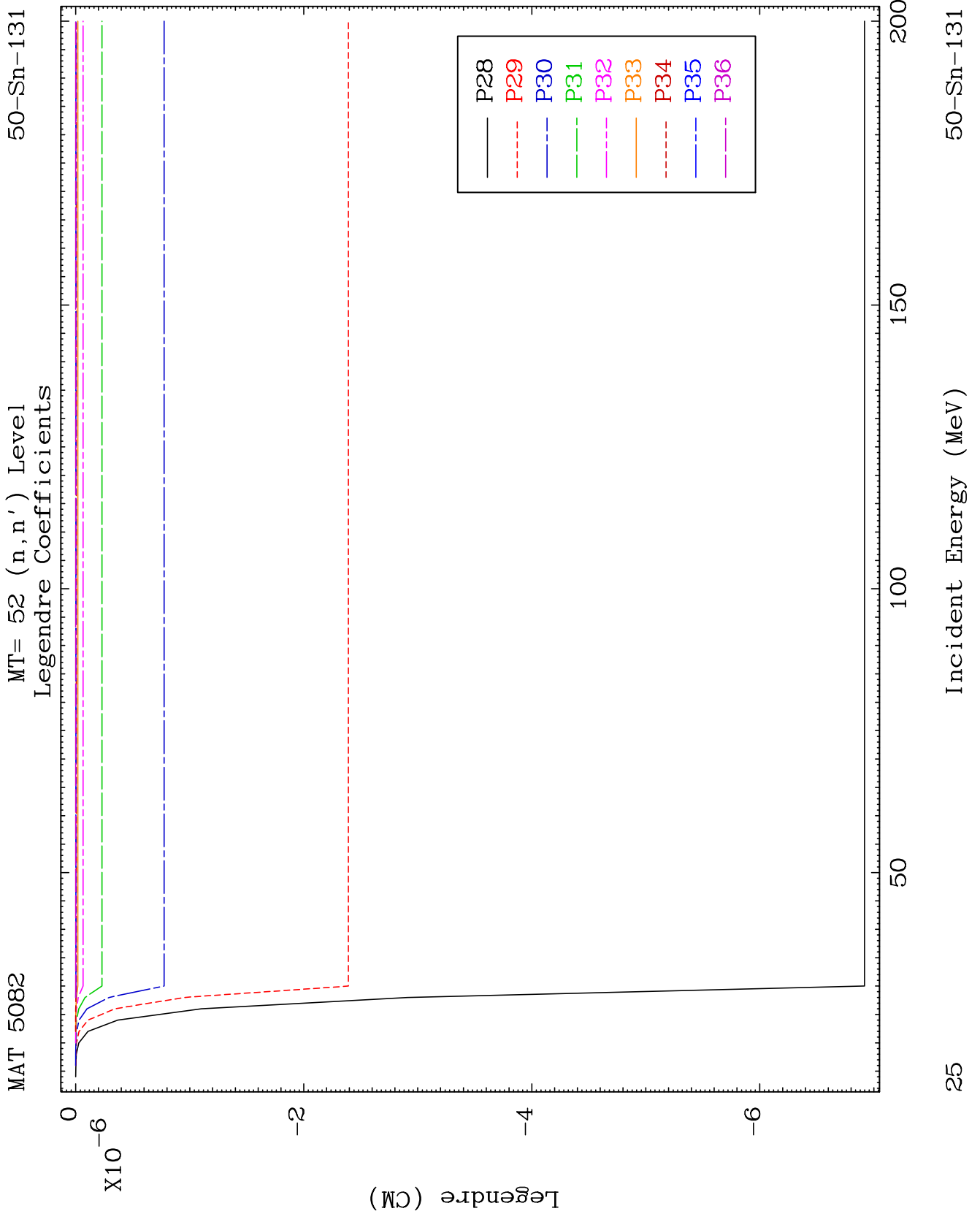


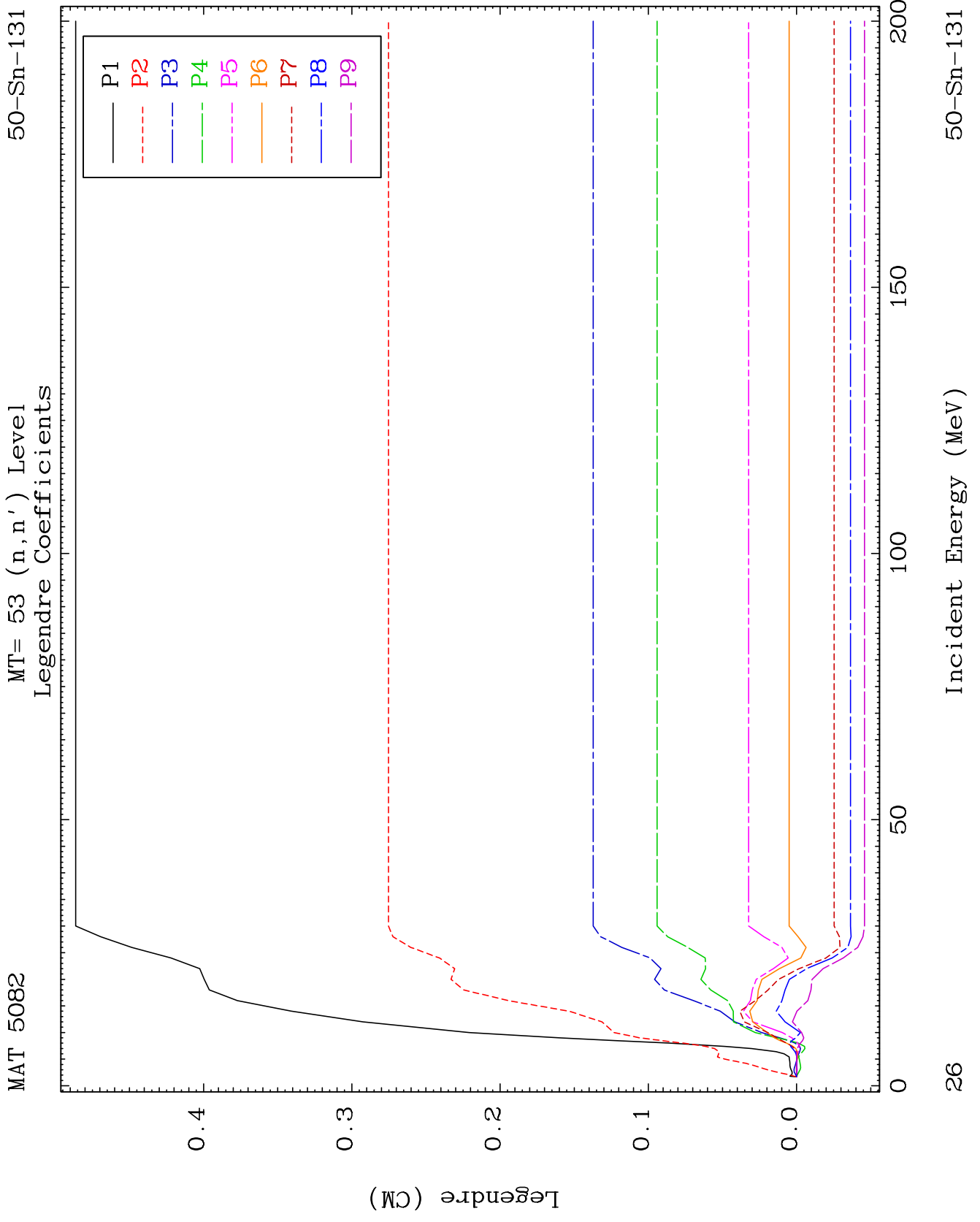
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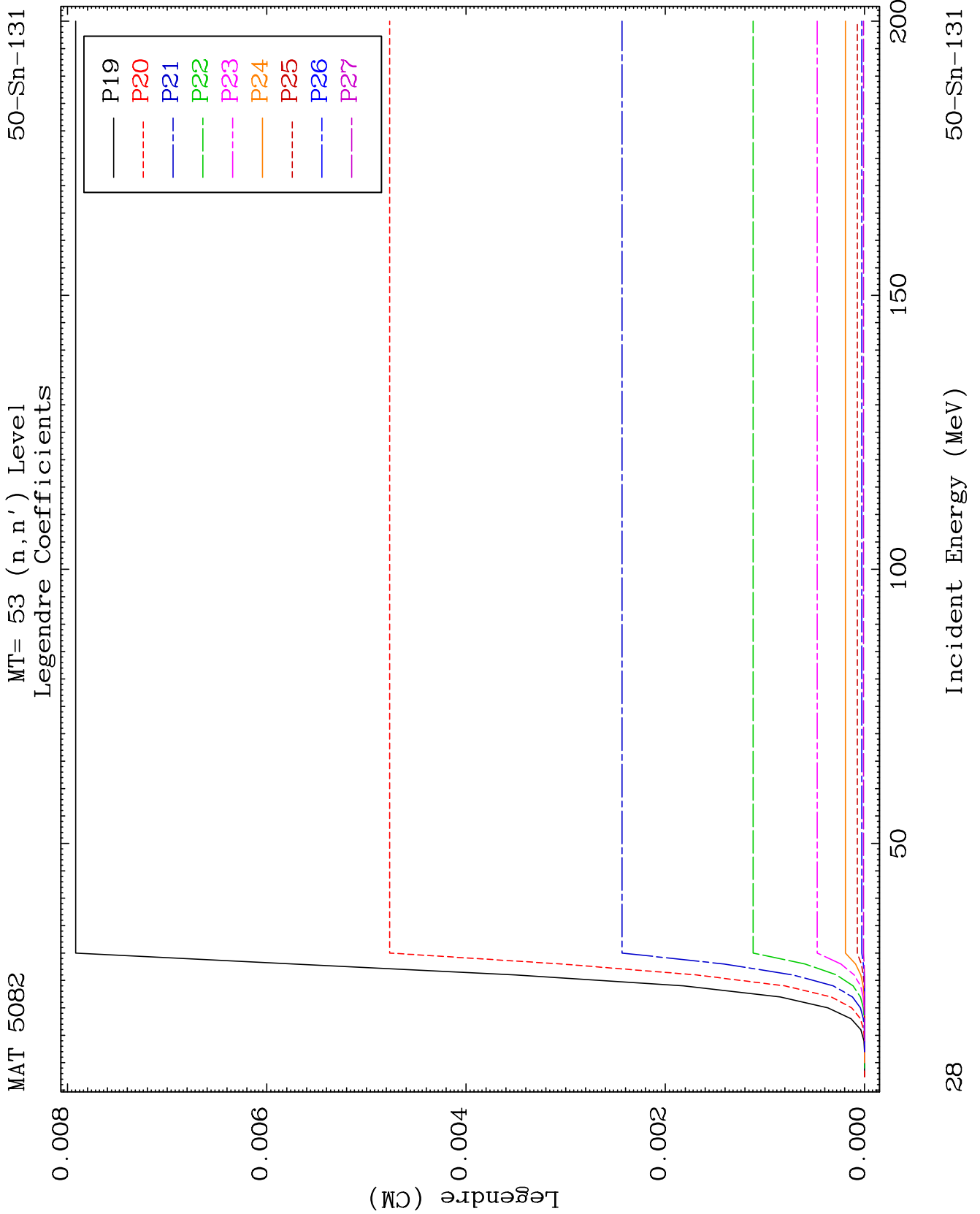
Incident Energy (MeV)

23





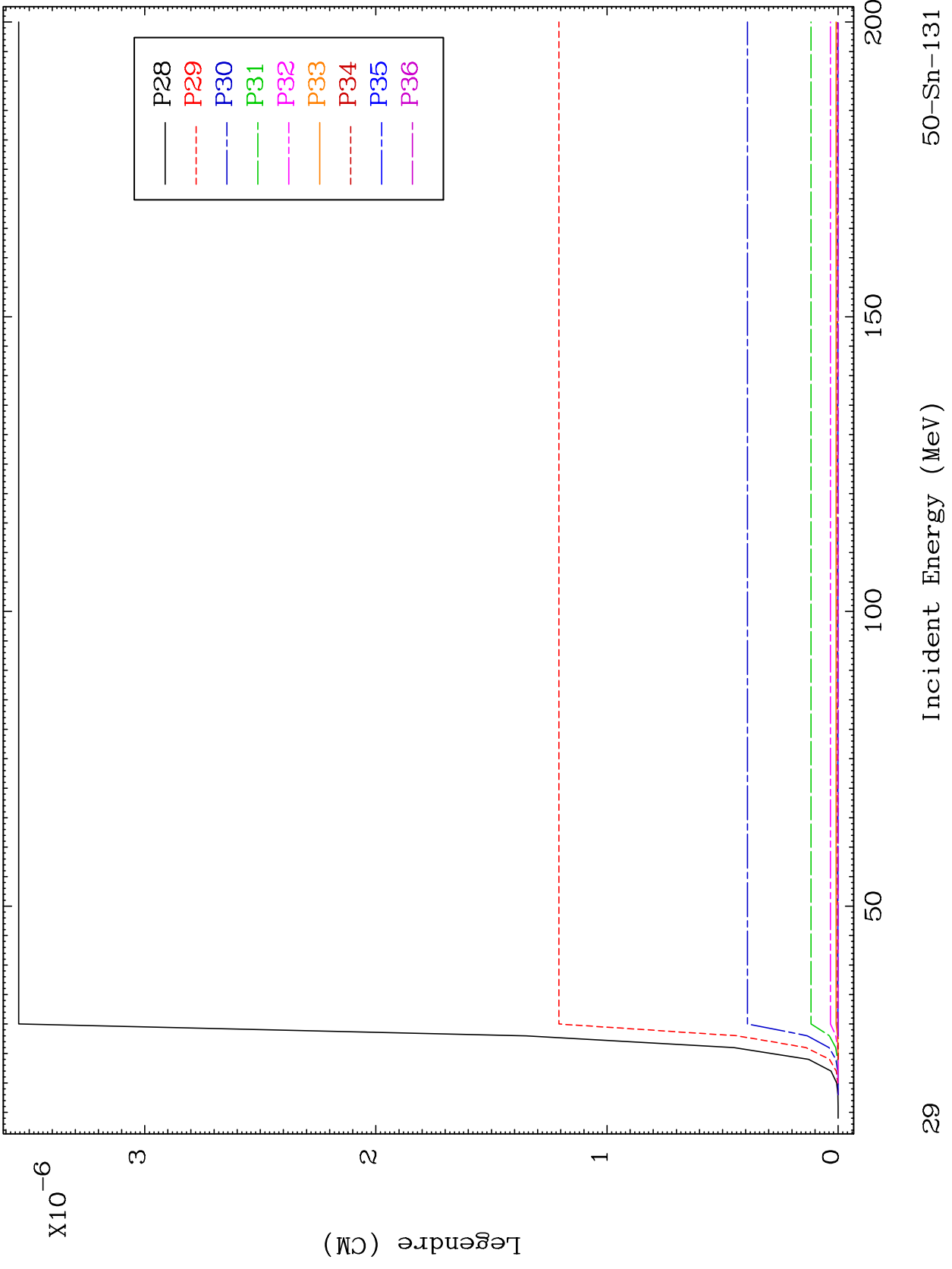


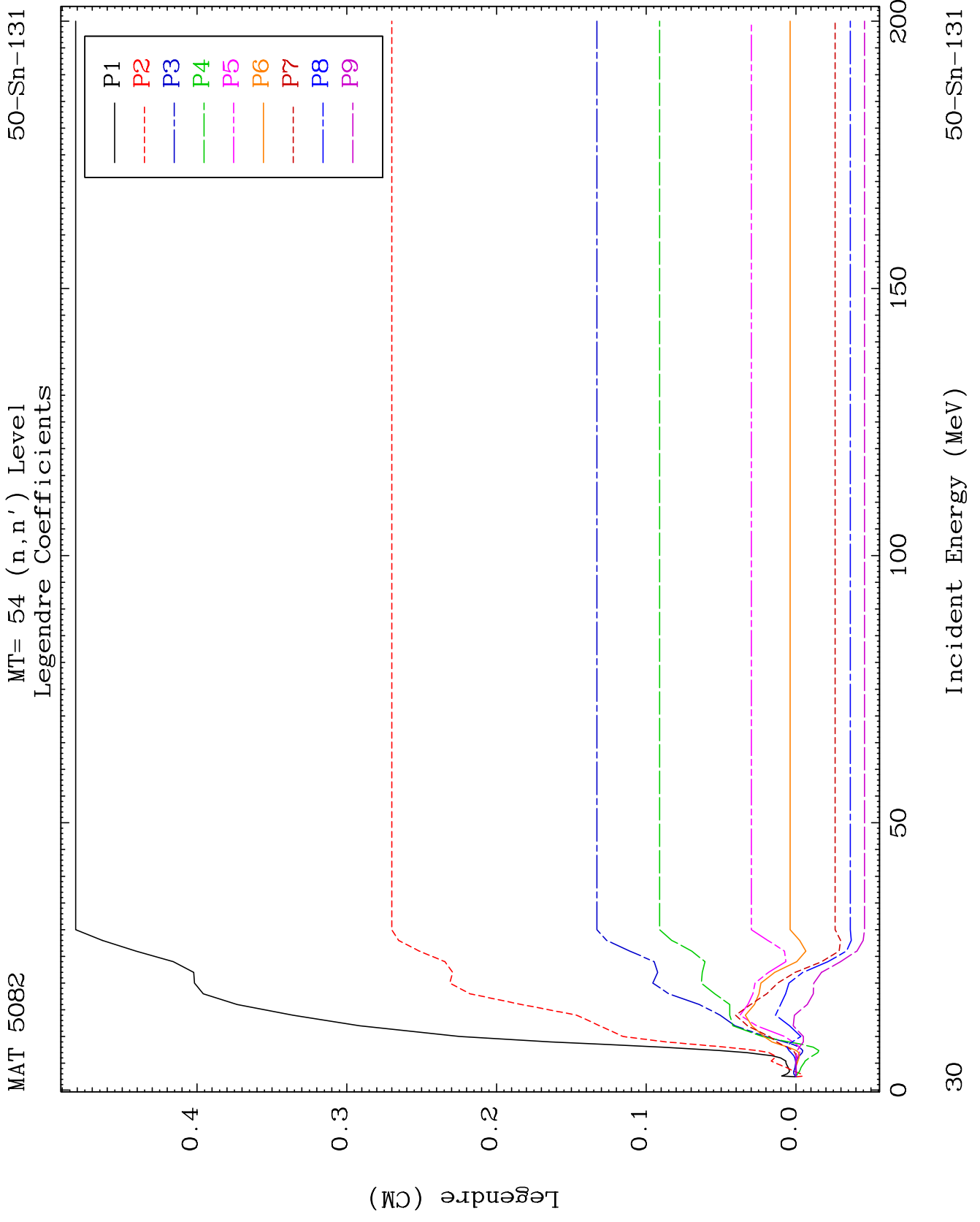


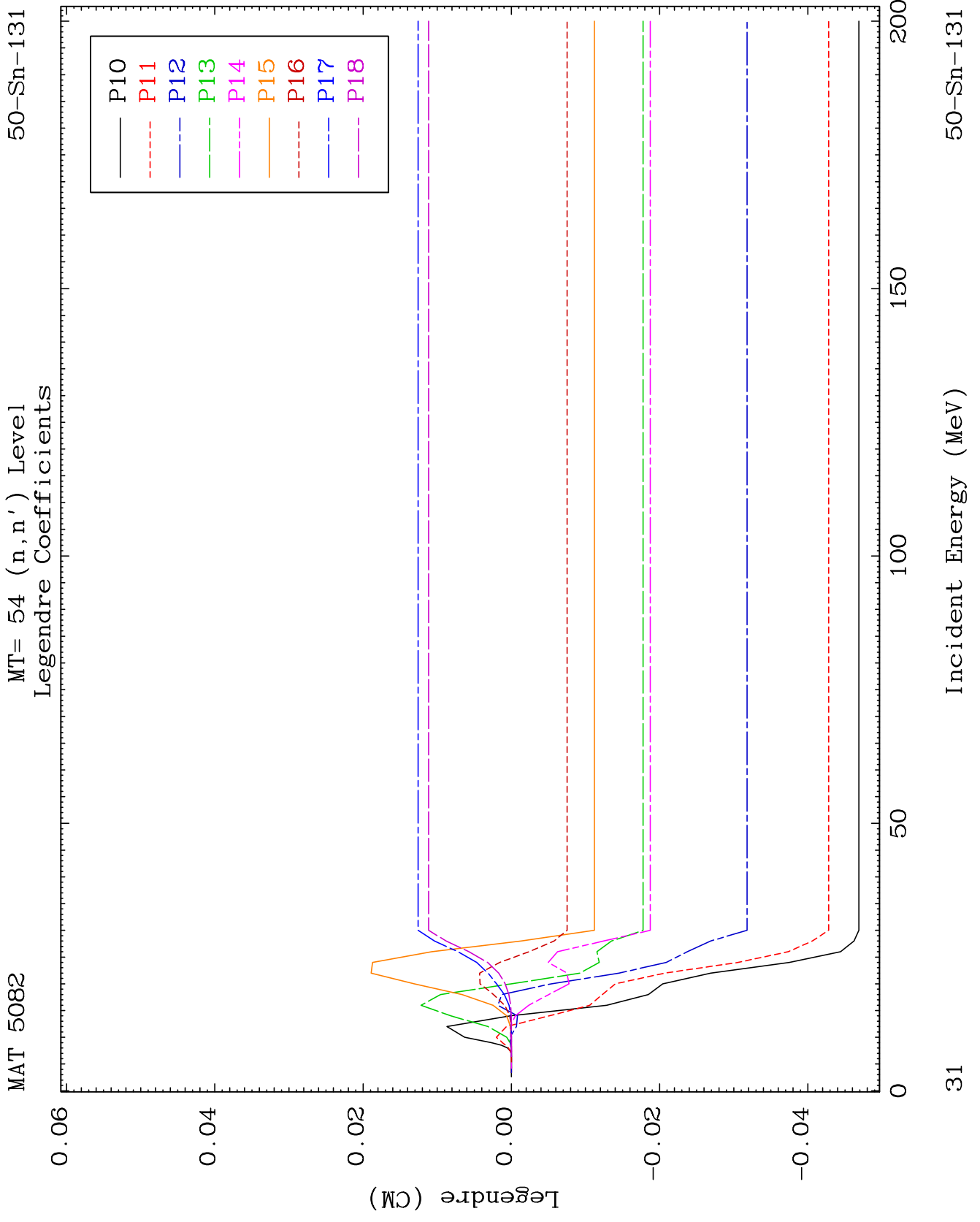
MAT 5082

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

50-Sn-131



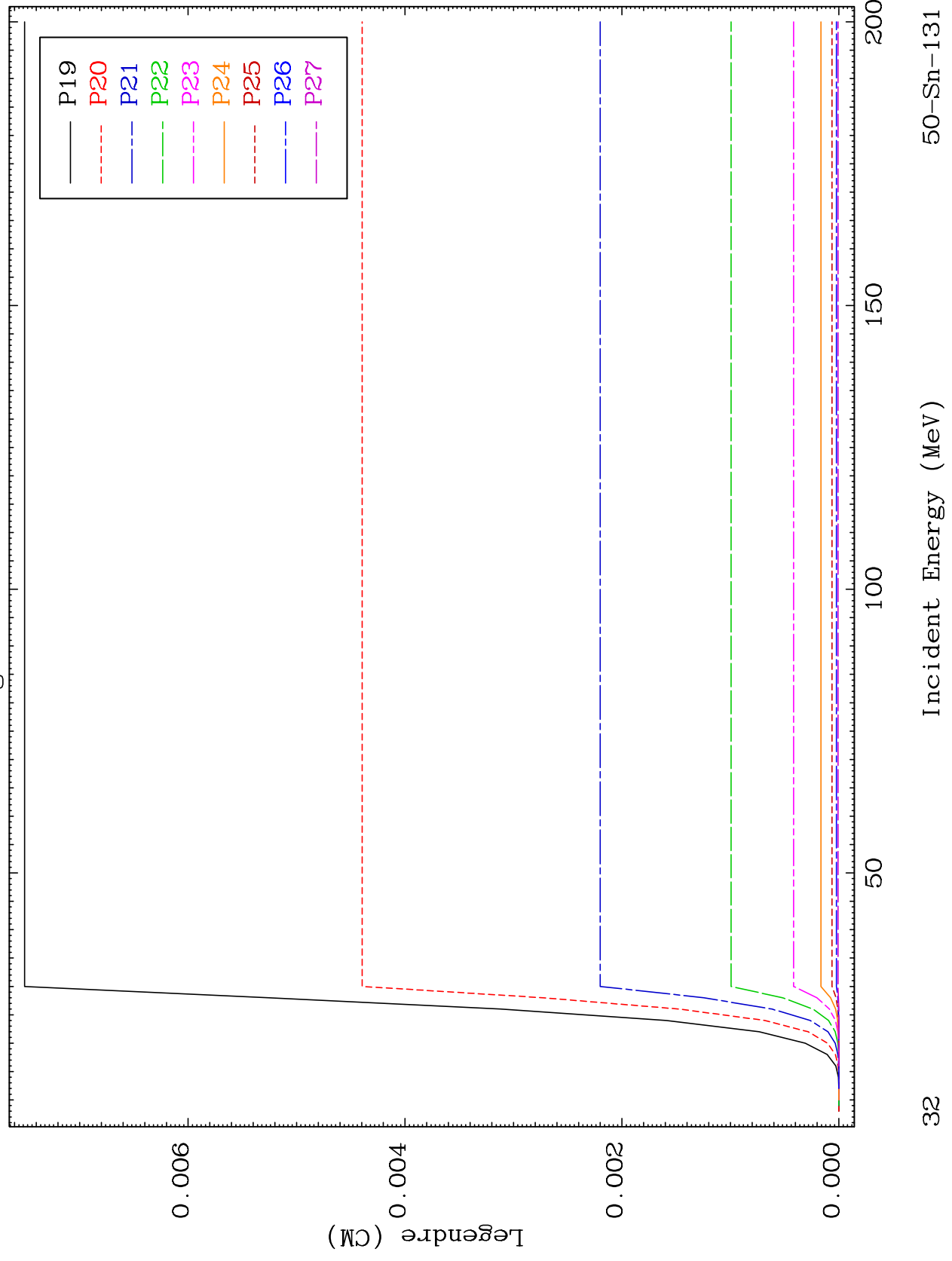




MAT 5082

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

50-Sn-131



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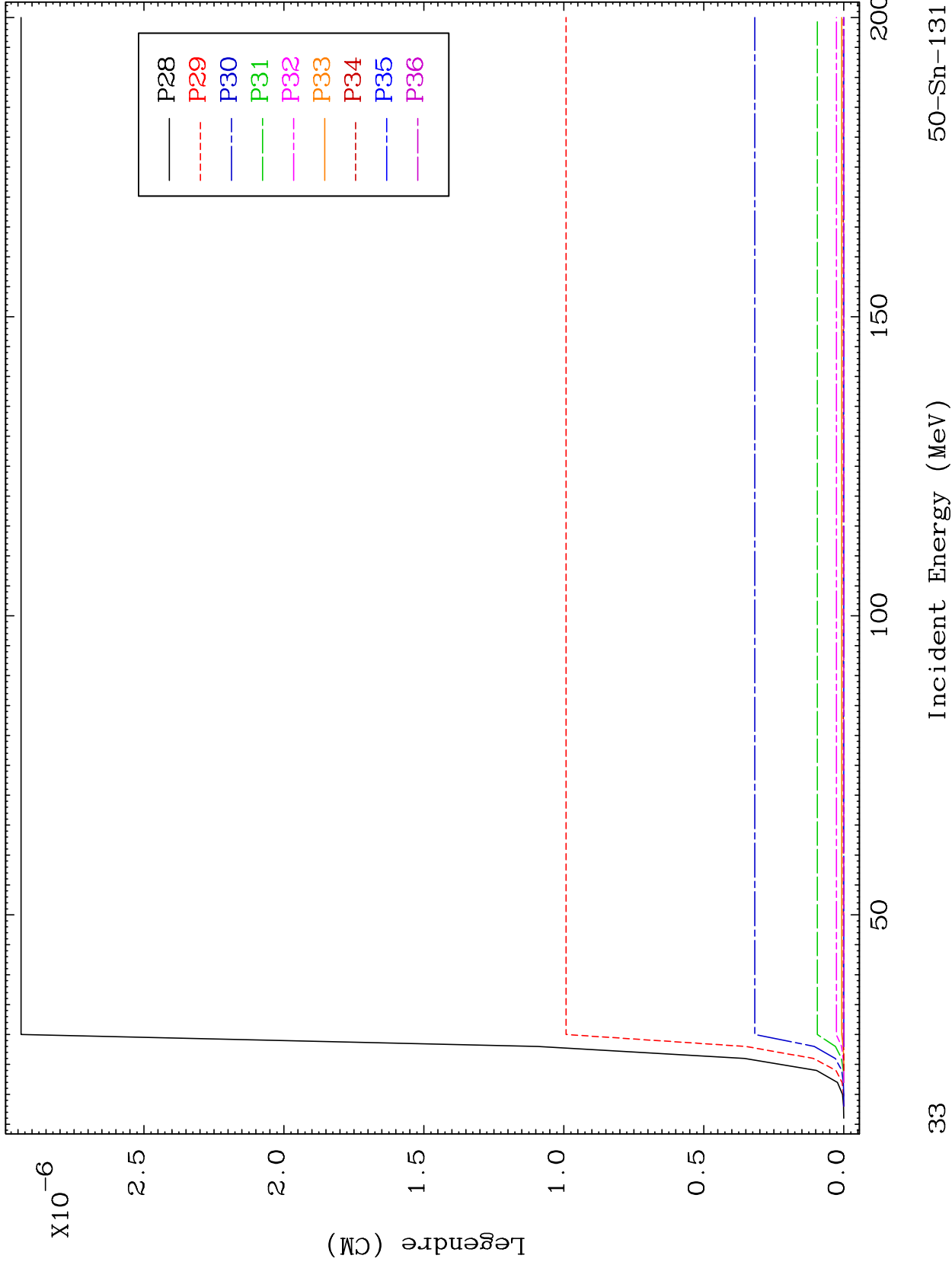
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

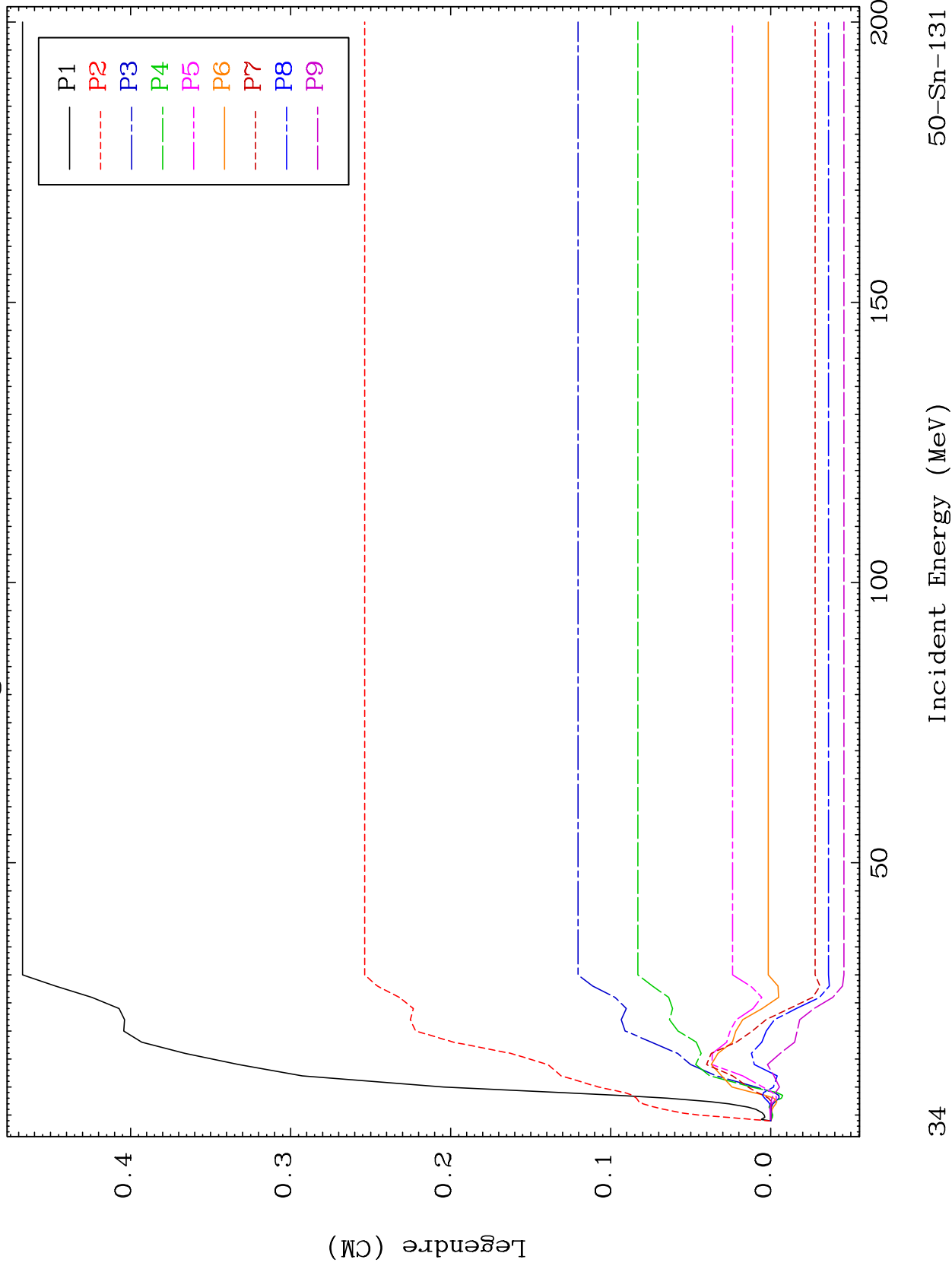
50-Sn-131



MAT 5082

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

50-Sn-131



34

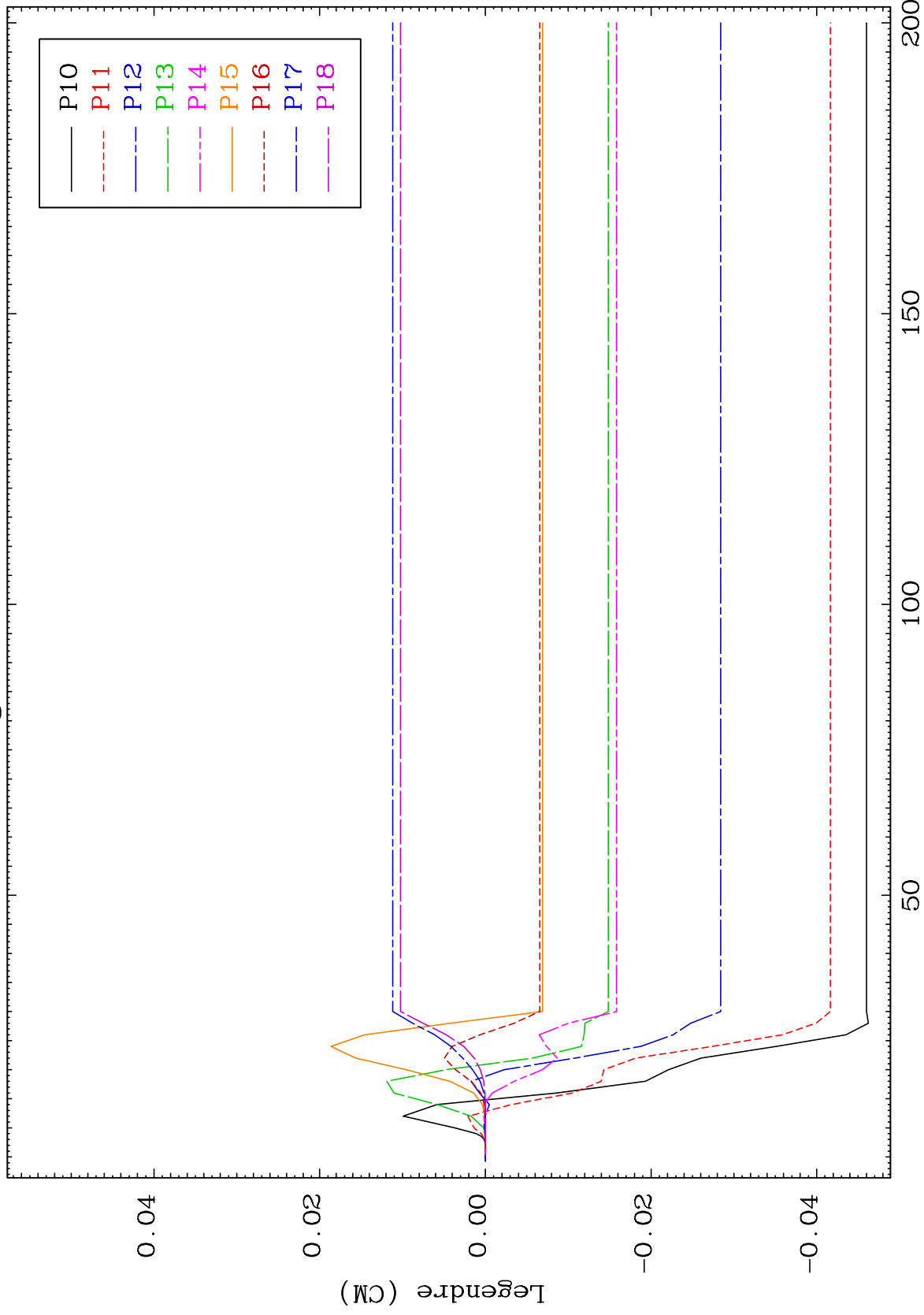
50-Sn-131

Incident Energy (MeV)

MAT 5082

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

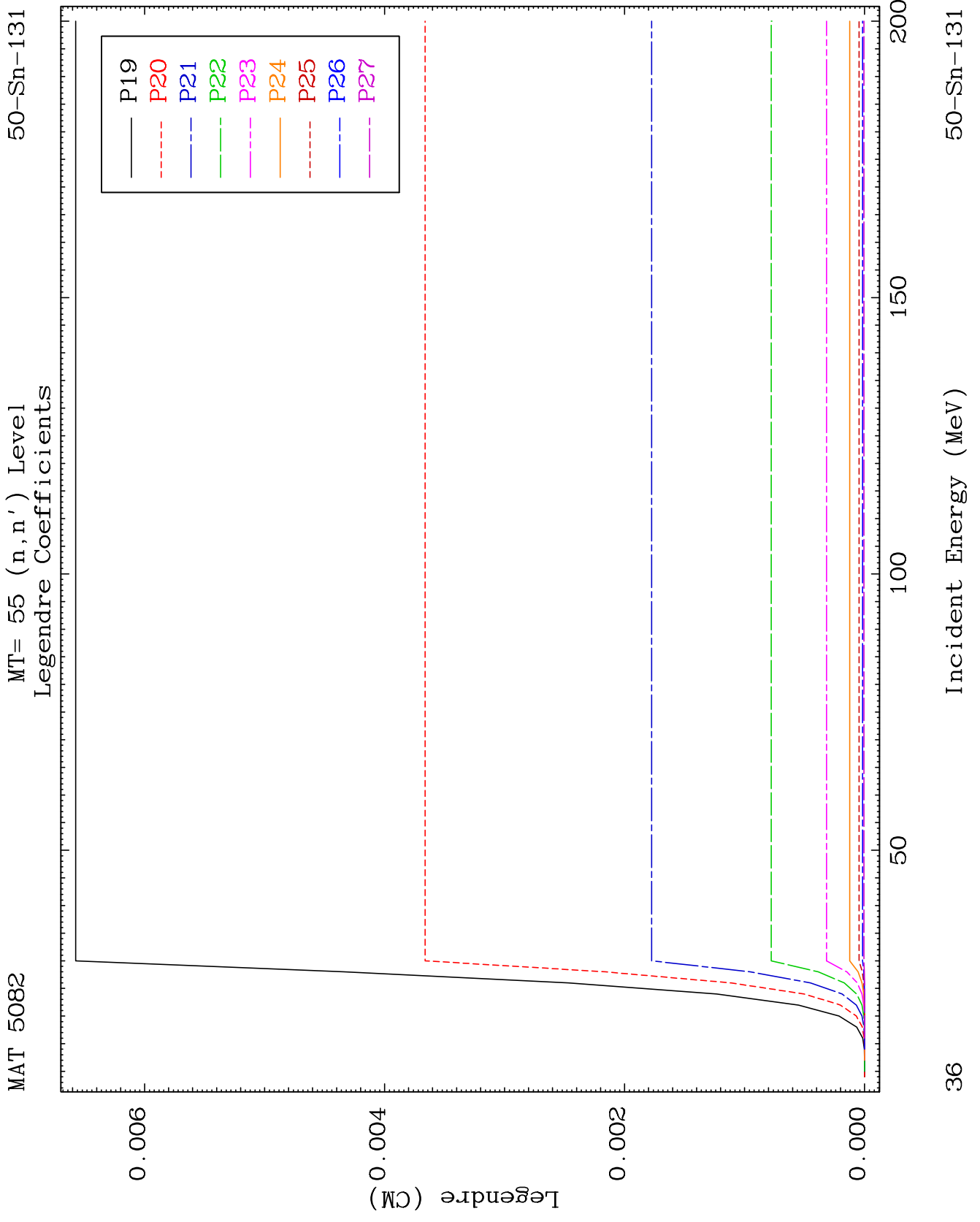
50-Sn-131

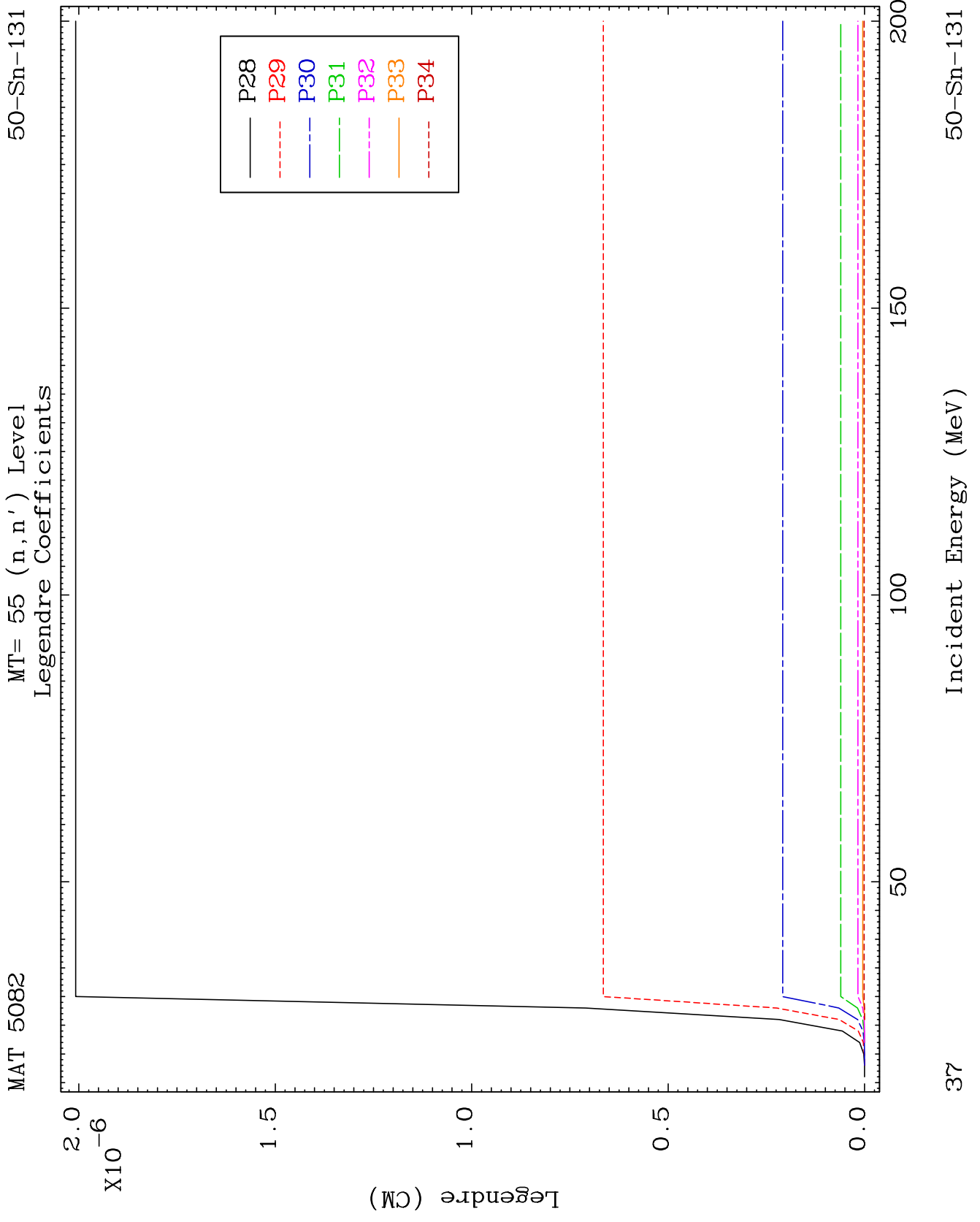


35

Incident Energy (MeV)

50-Sn-131

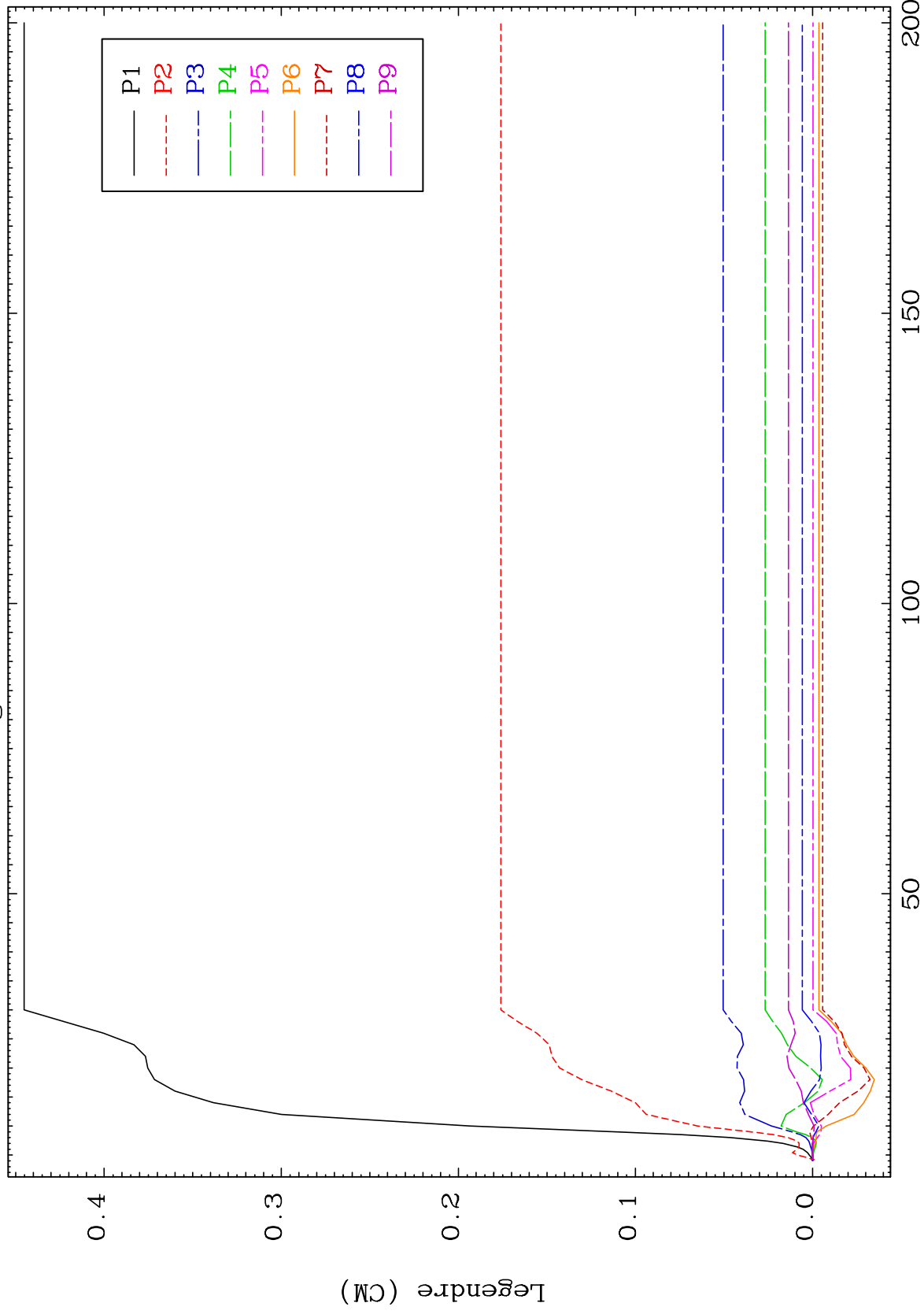




MAT 5082

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

50-Sn-131



38

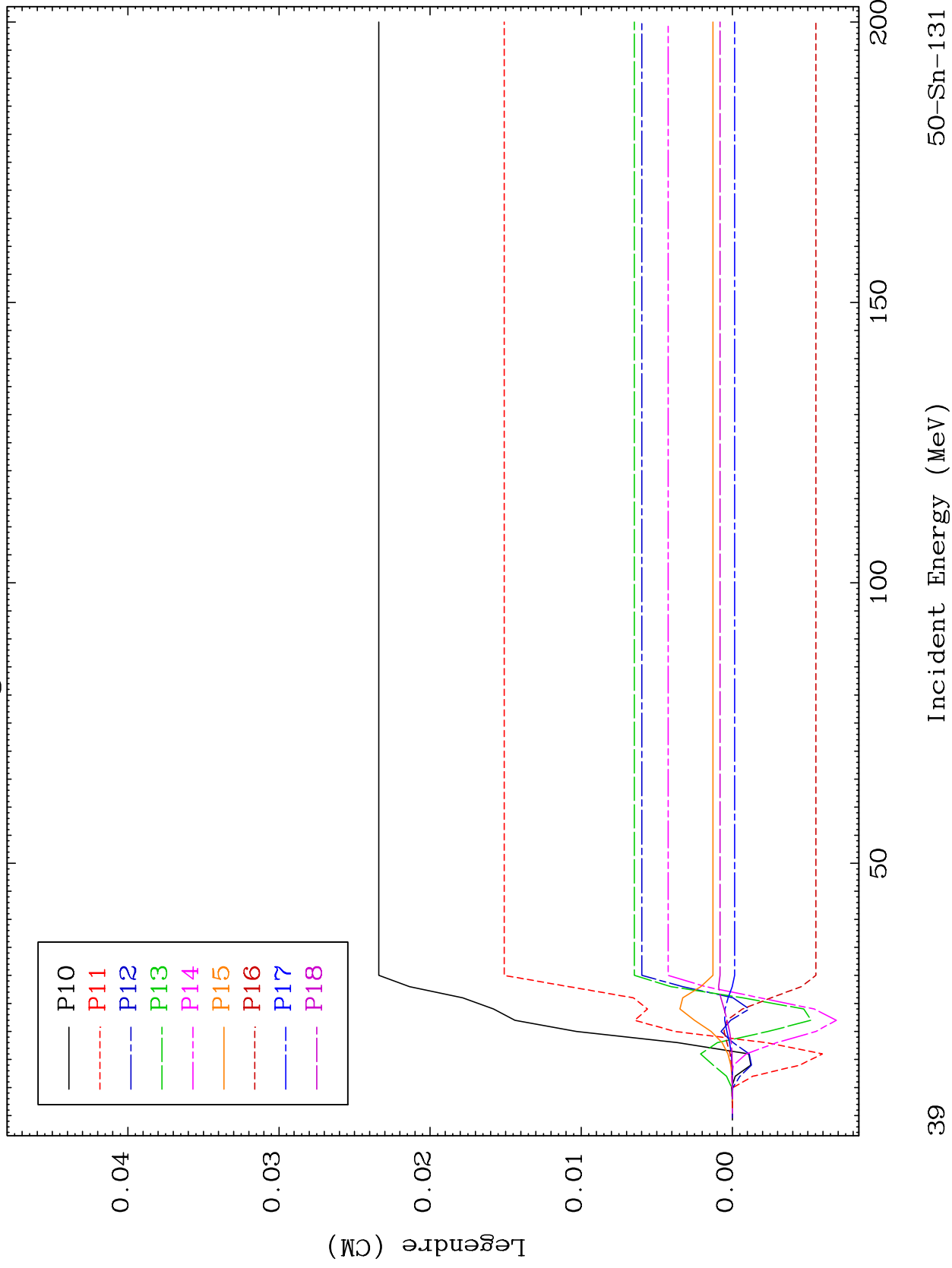
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131

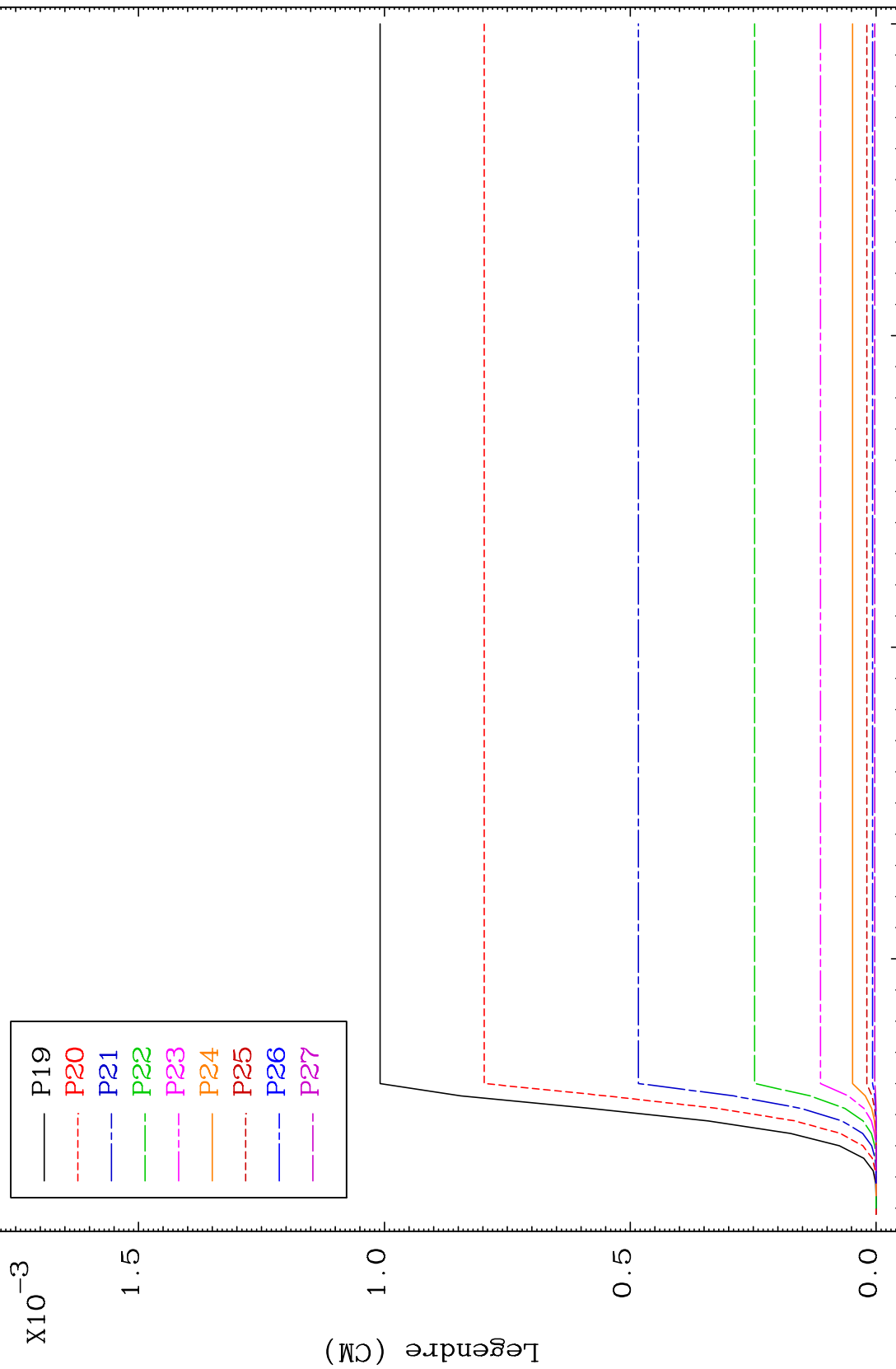
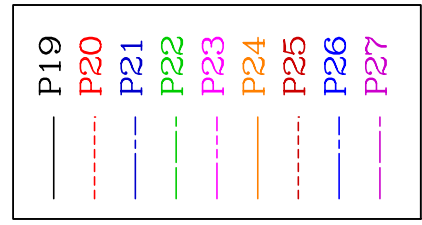


39

MAT 5082

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

50-Sn-131



50-Sn-131

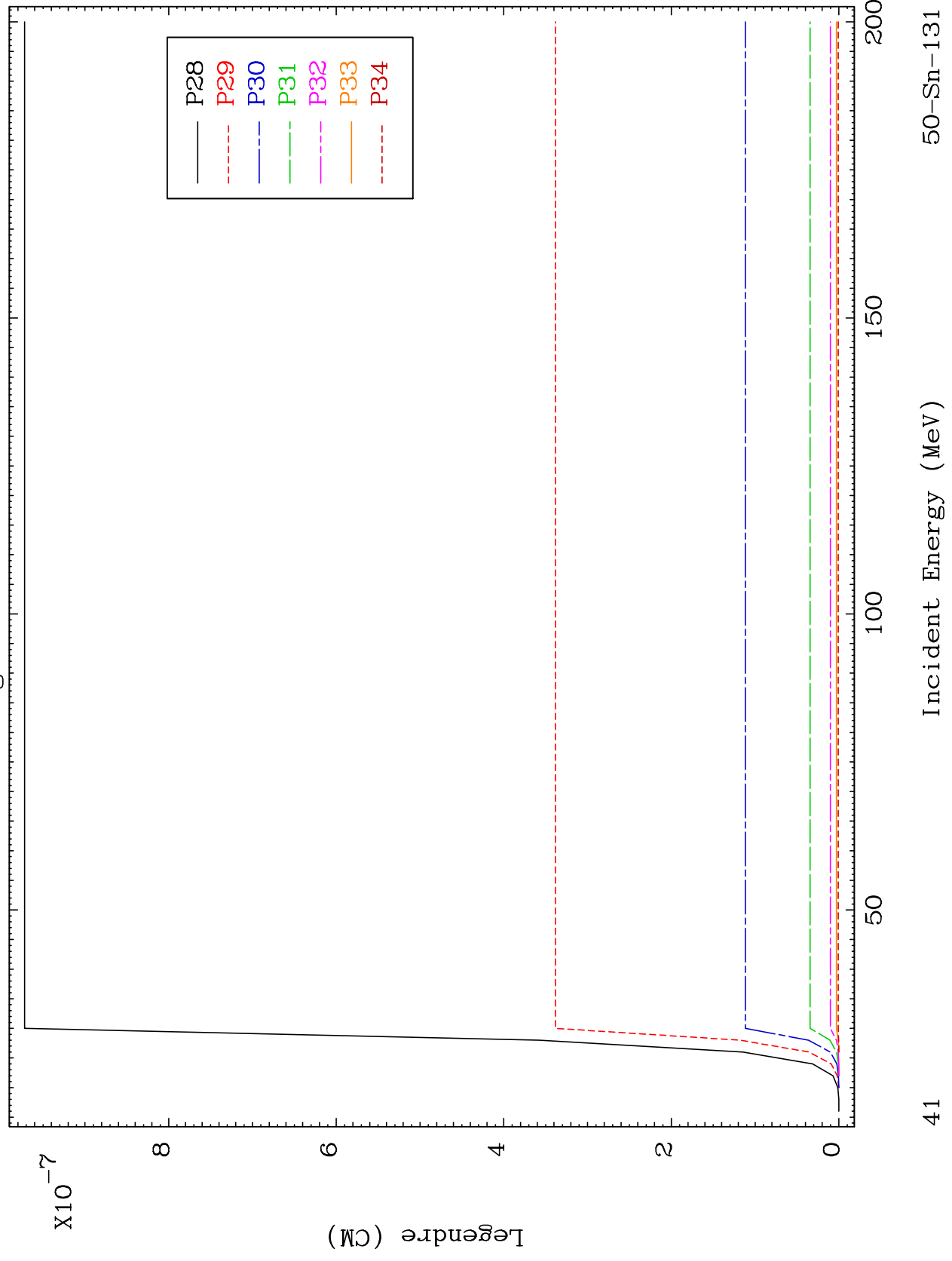
Incident Energy (MeV)

40

MAT 5082

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

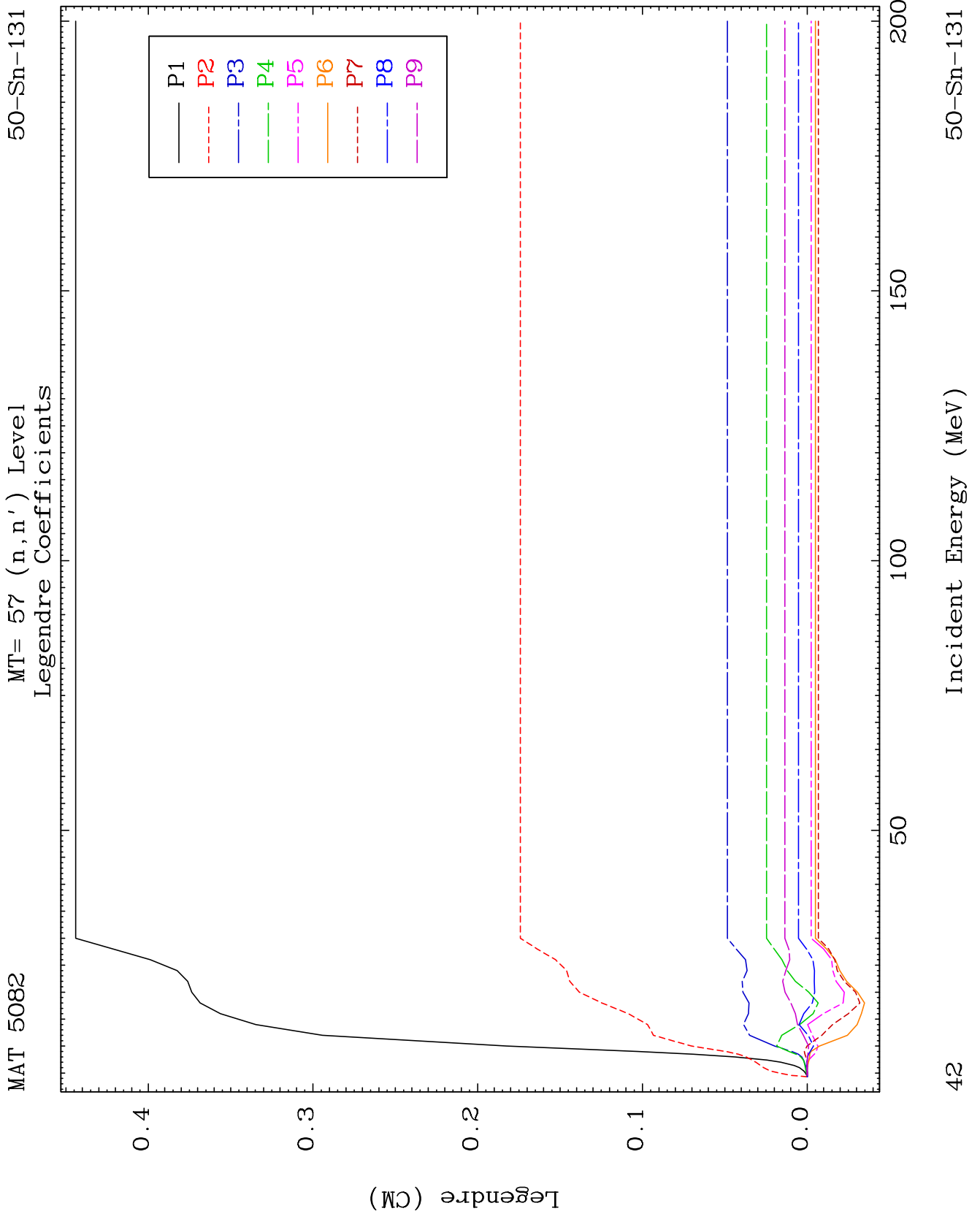
50-Sn-131



41

Incident Energy (MeV)

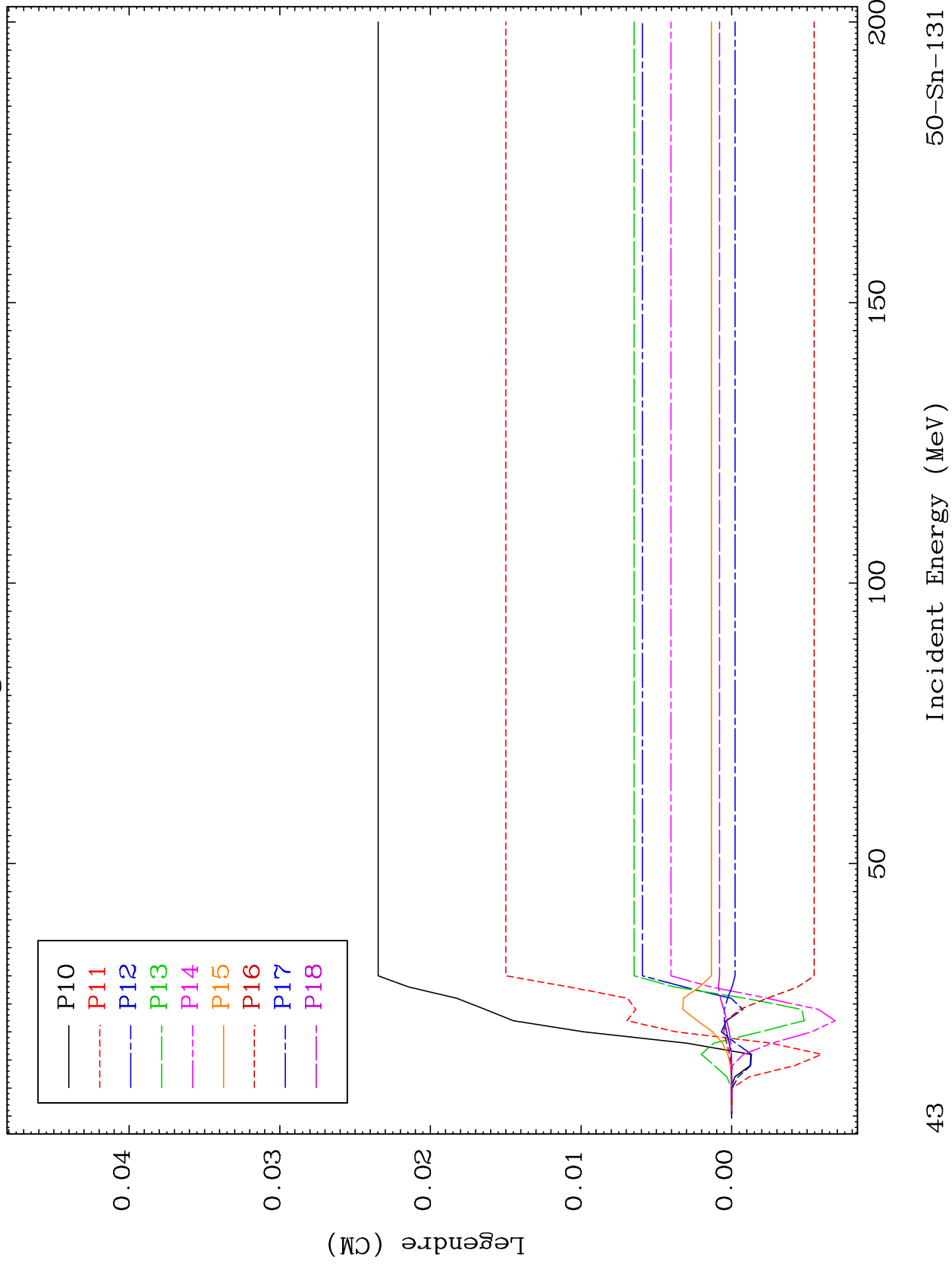
50-Sn-131



MAT 5082

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

50-Sn-131



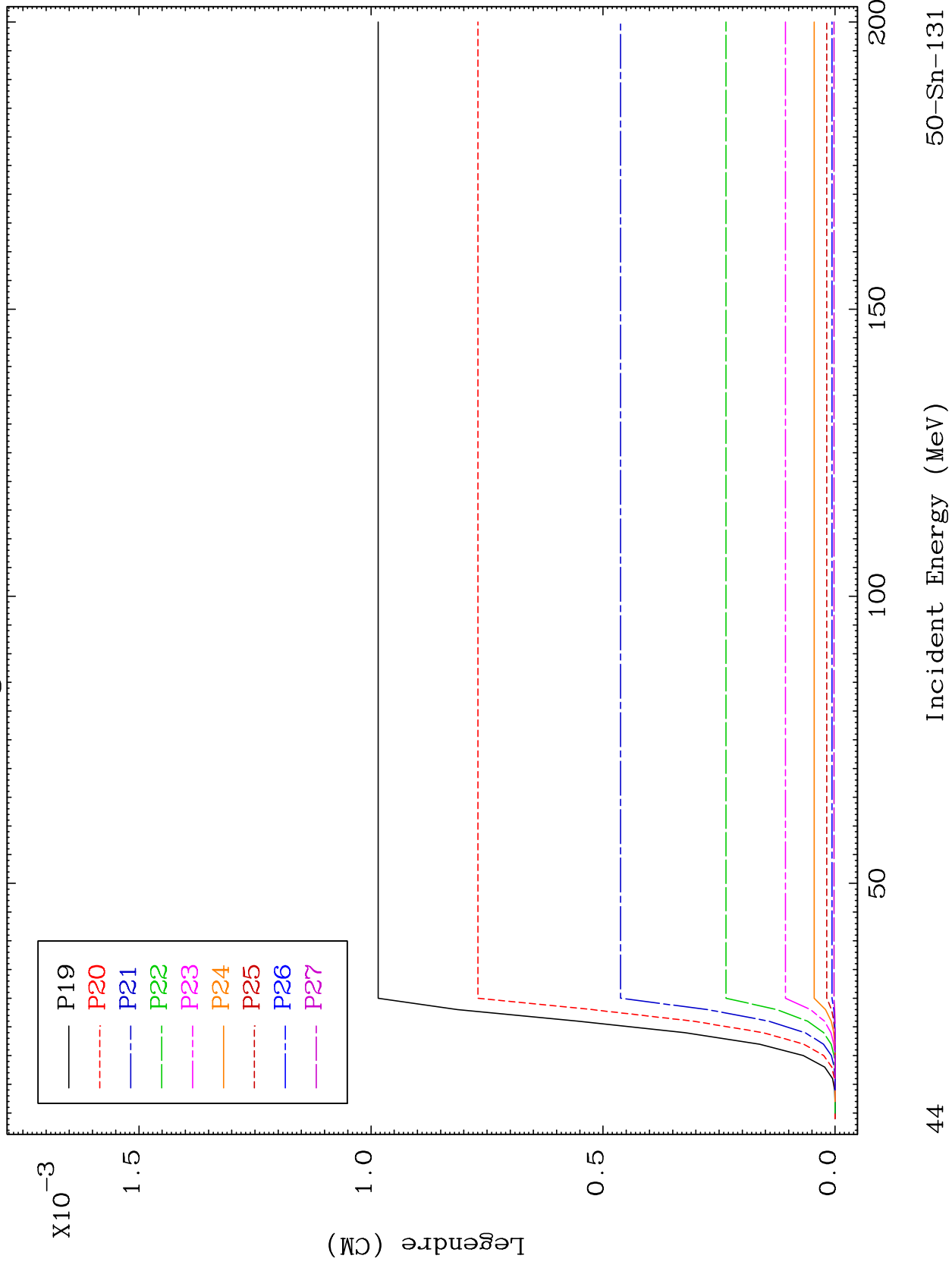
43

50-Sn-131

MAT 5082

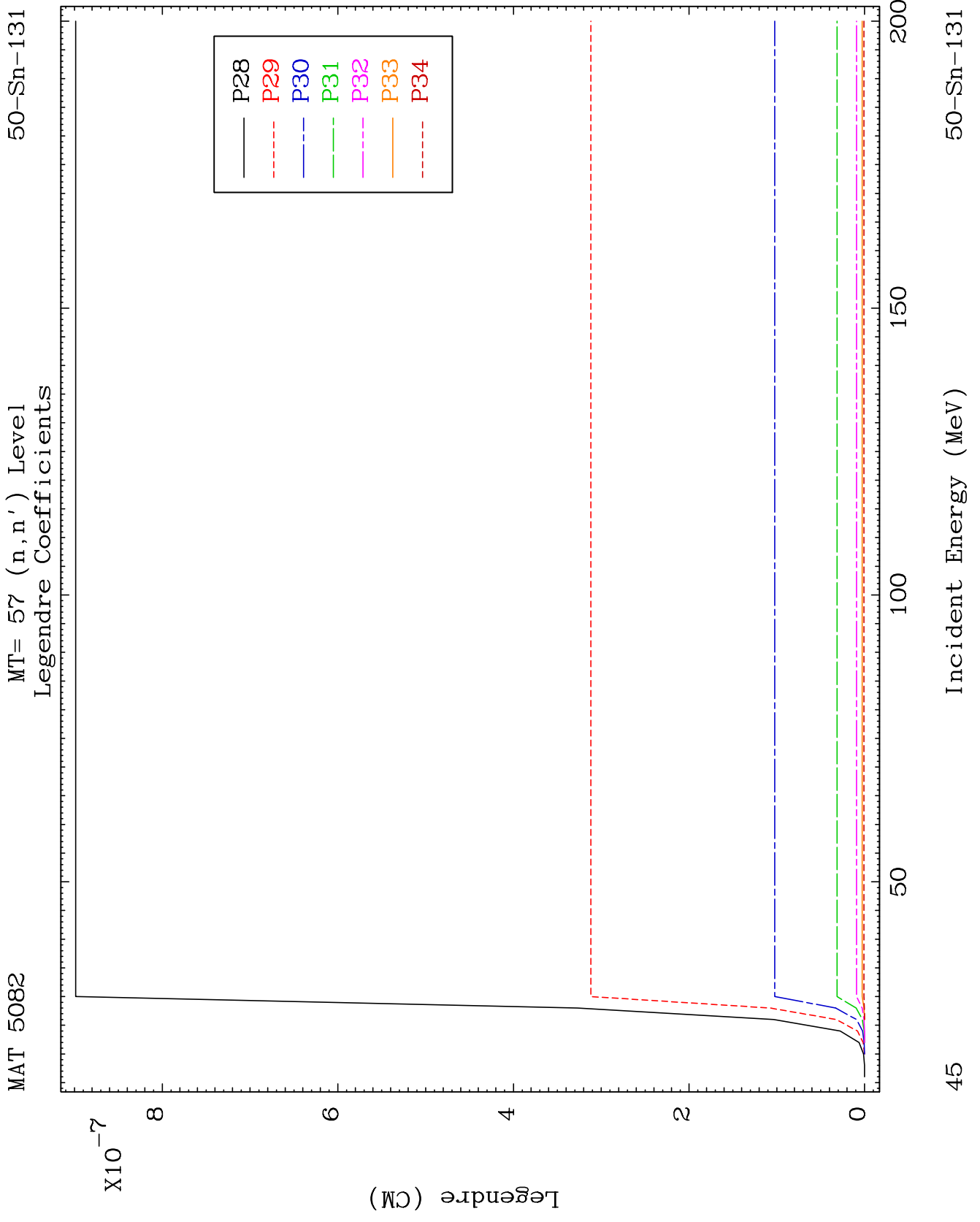
MT= 57 (n,n') Level
Legendre Coefficients

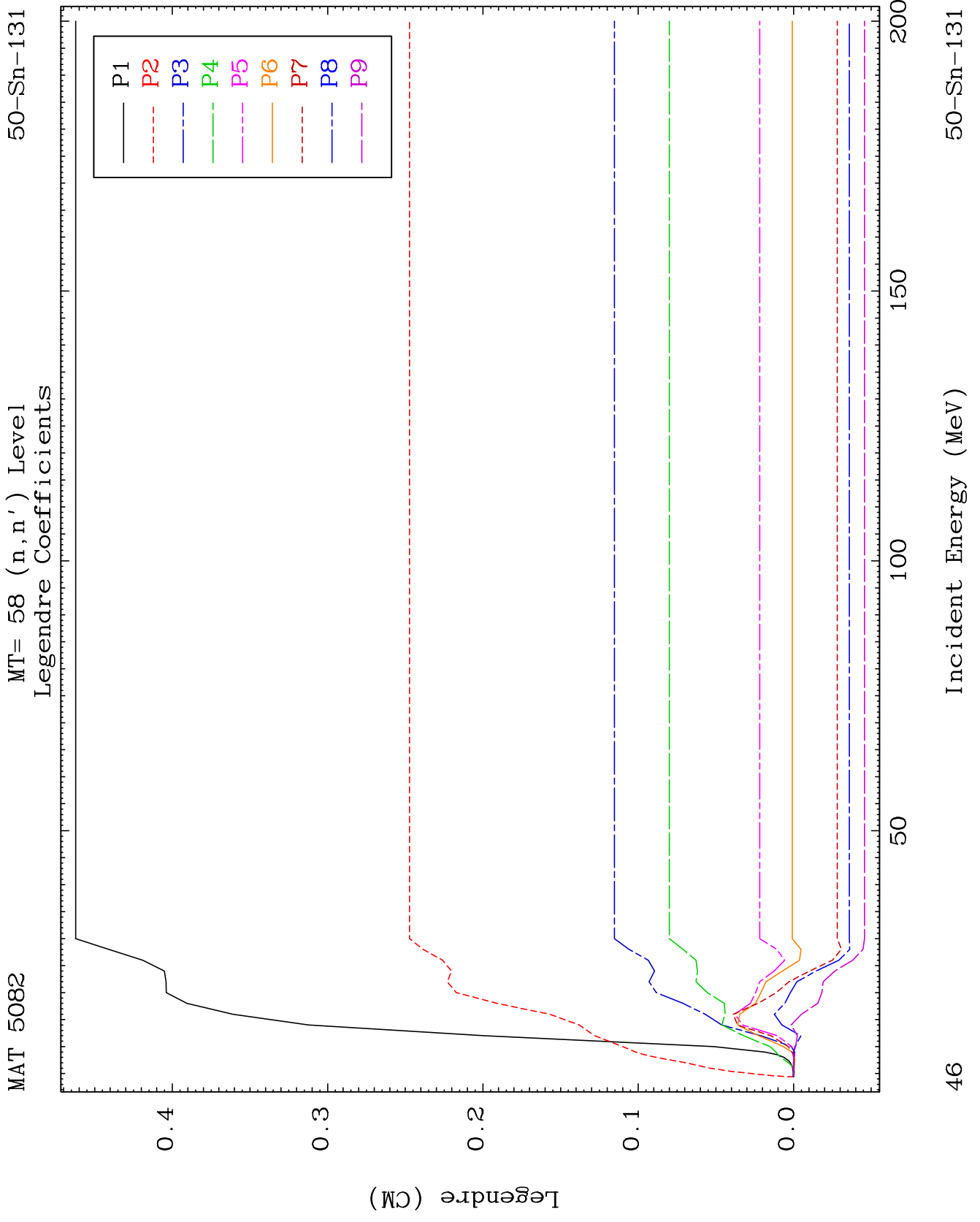
50-Sn-131



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50-Sn-131

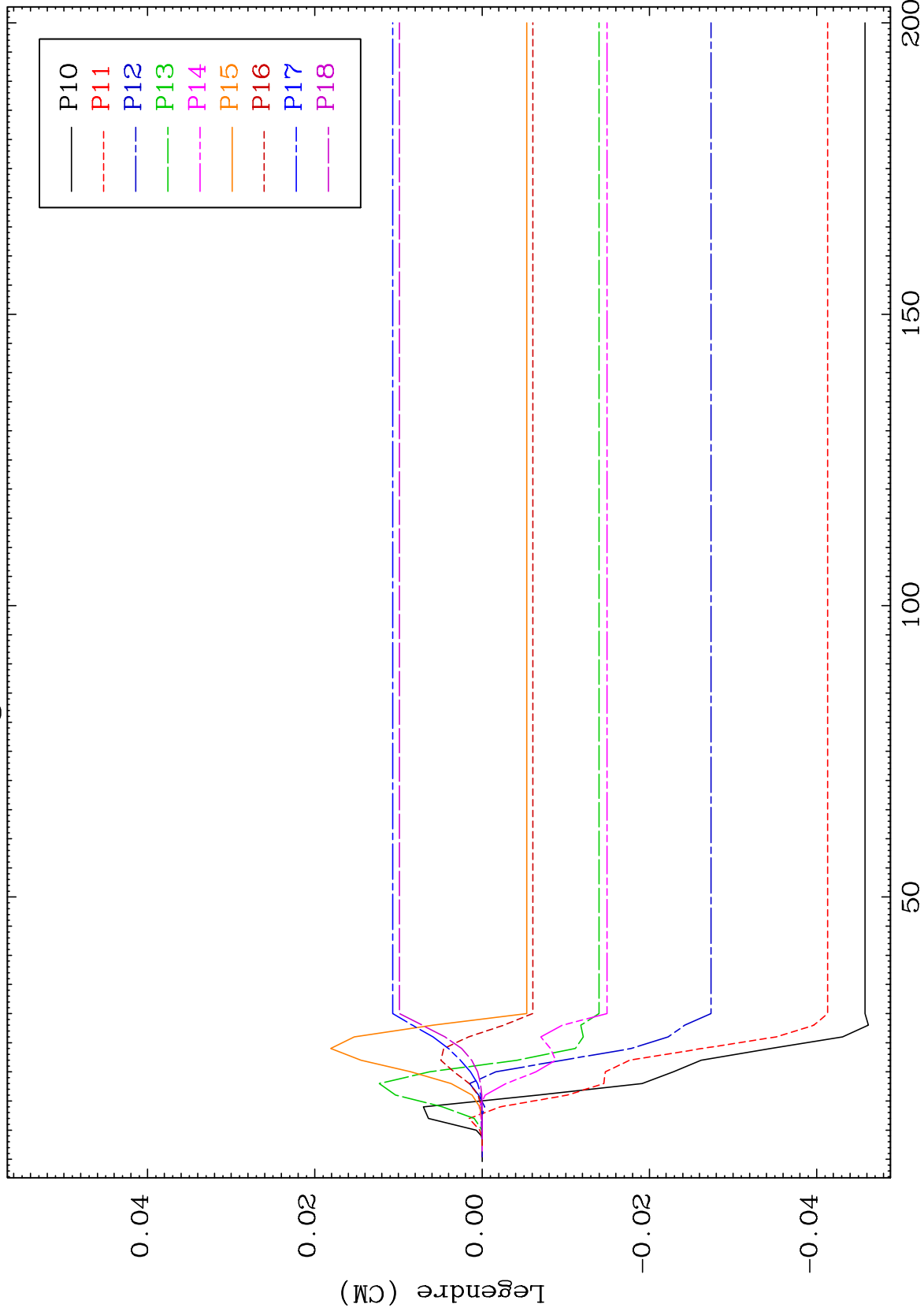




MAT 5082

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

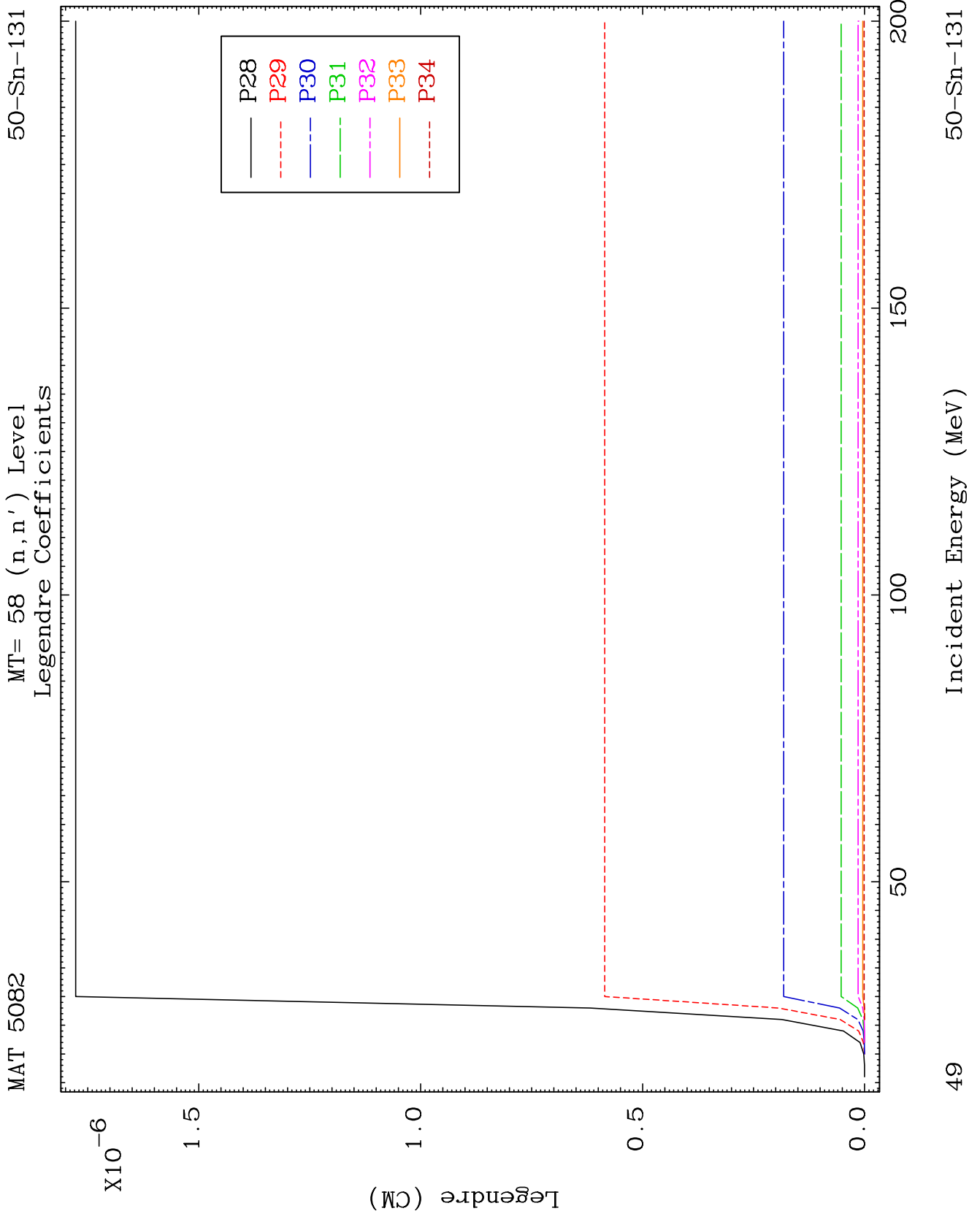
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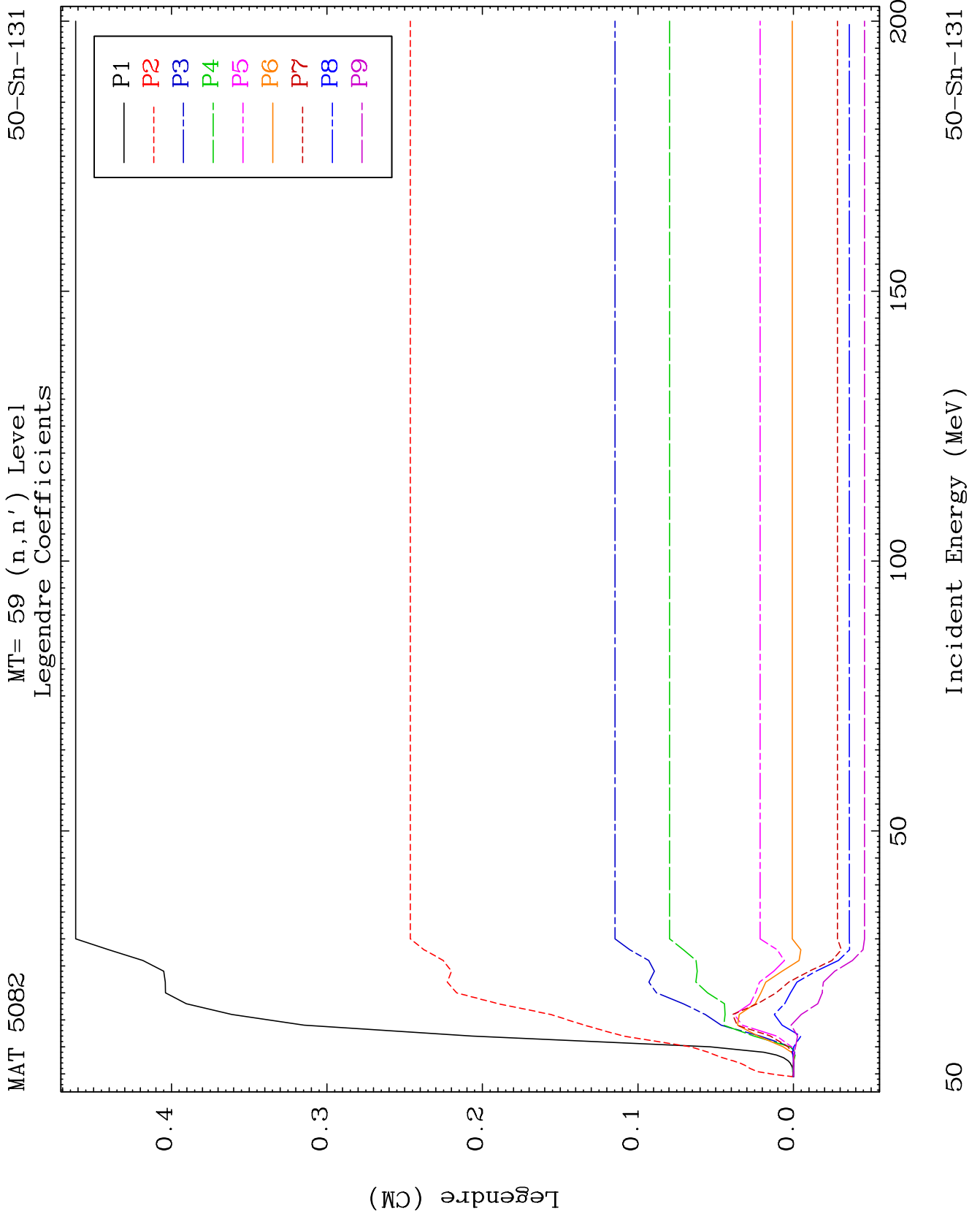


47

Incident Energy (MeV)

50-Sn-131

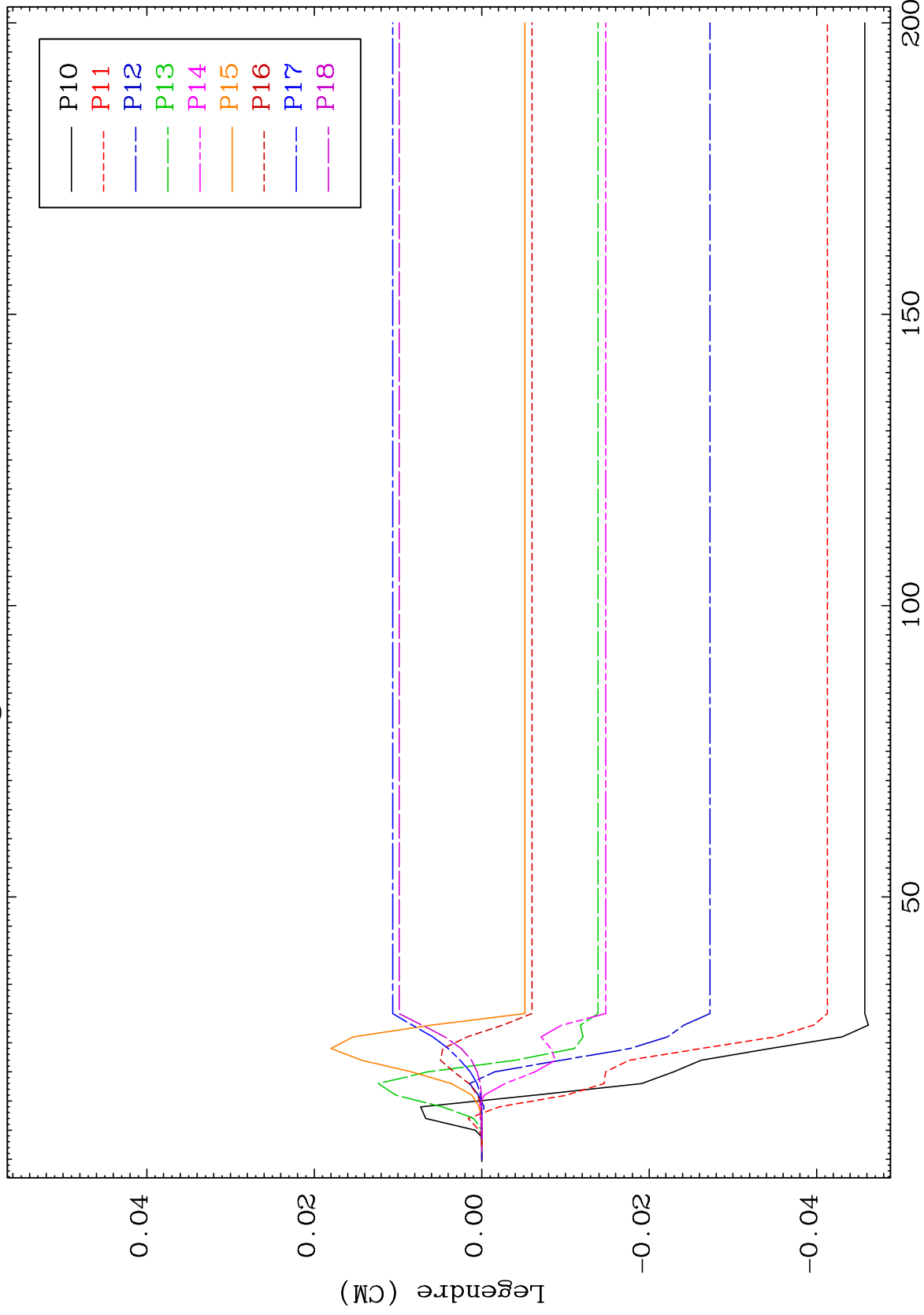




MAT 5082

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

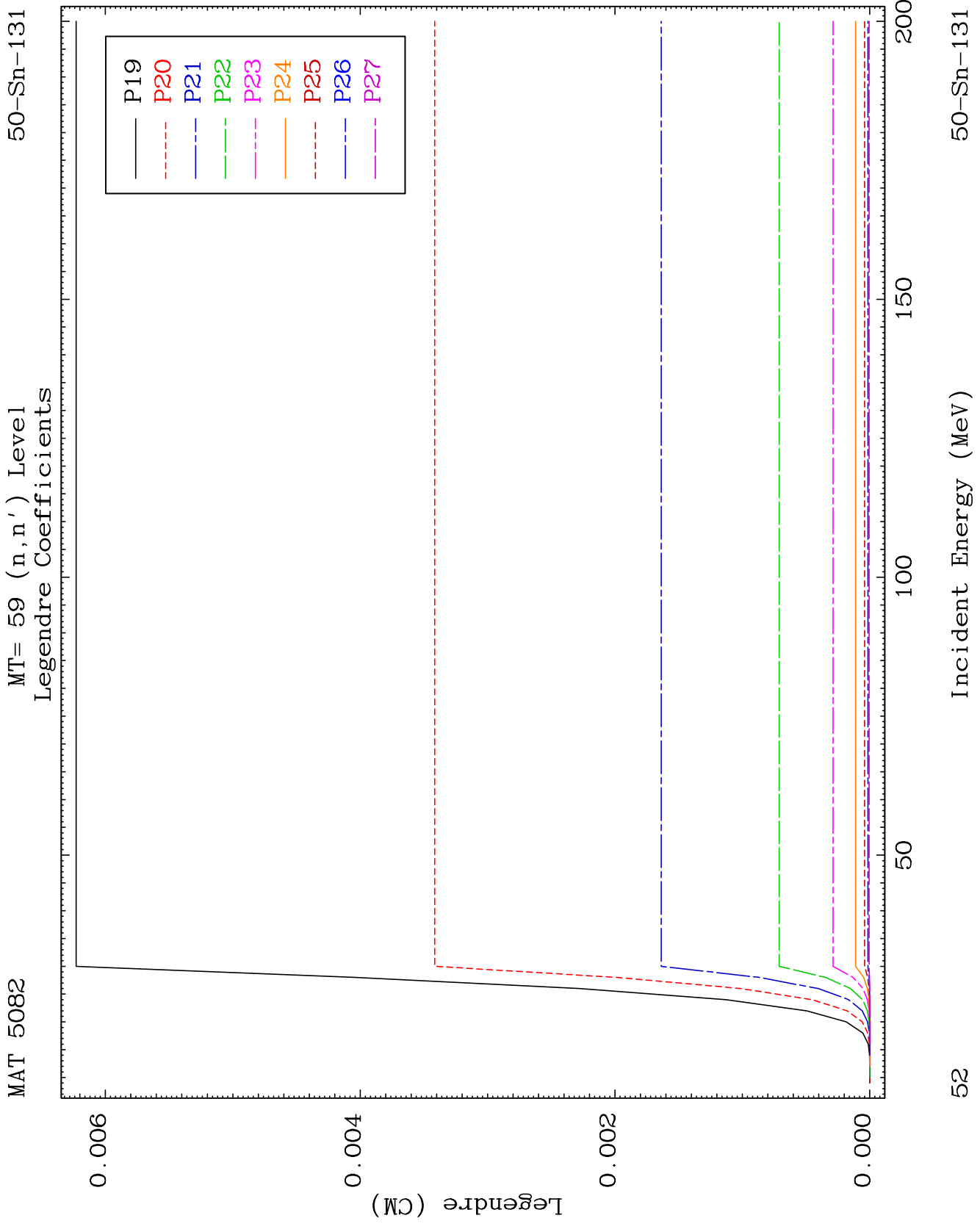
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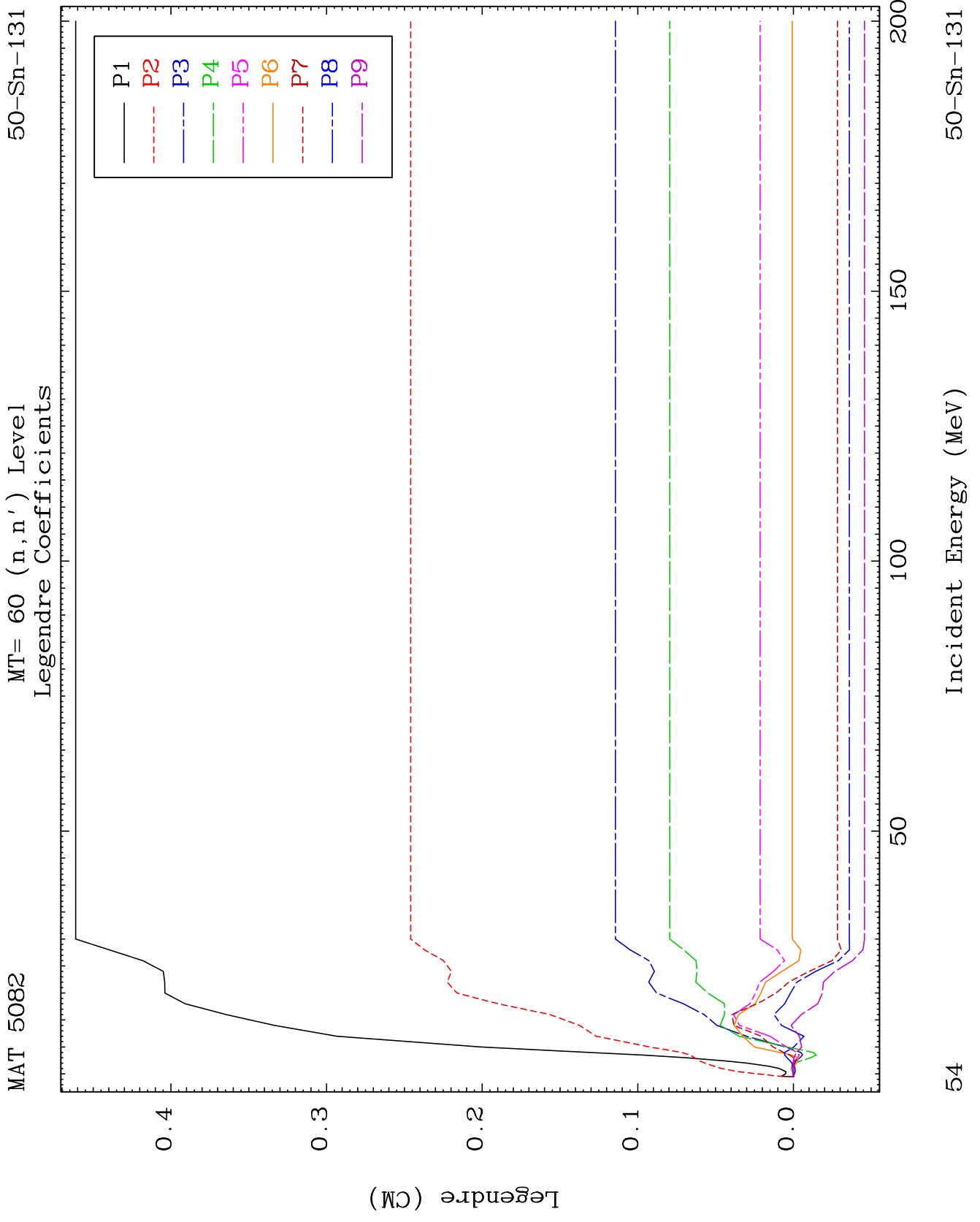


51

Incident Energy (MeV)

50-Sn-131

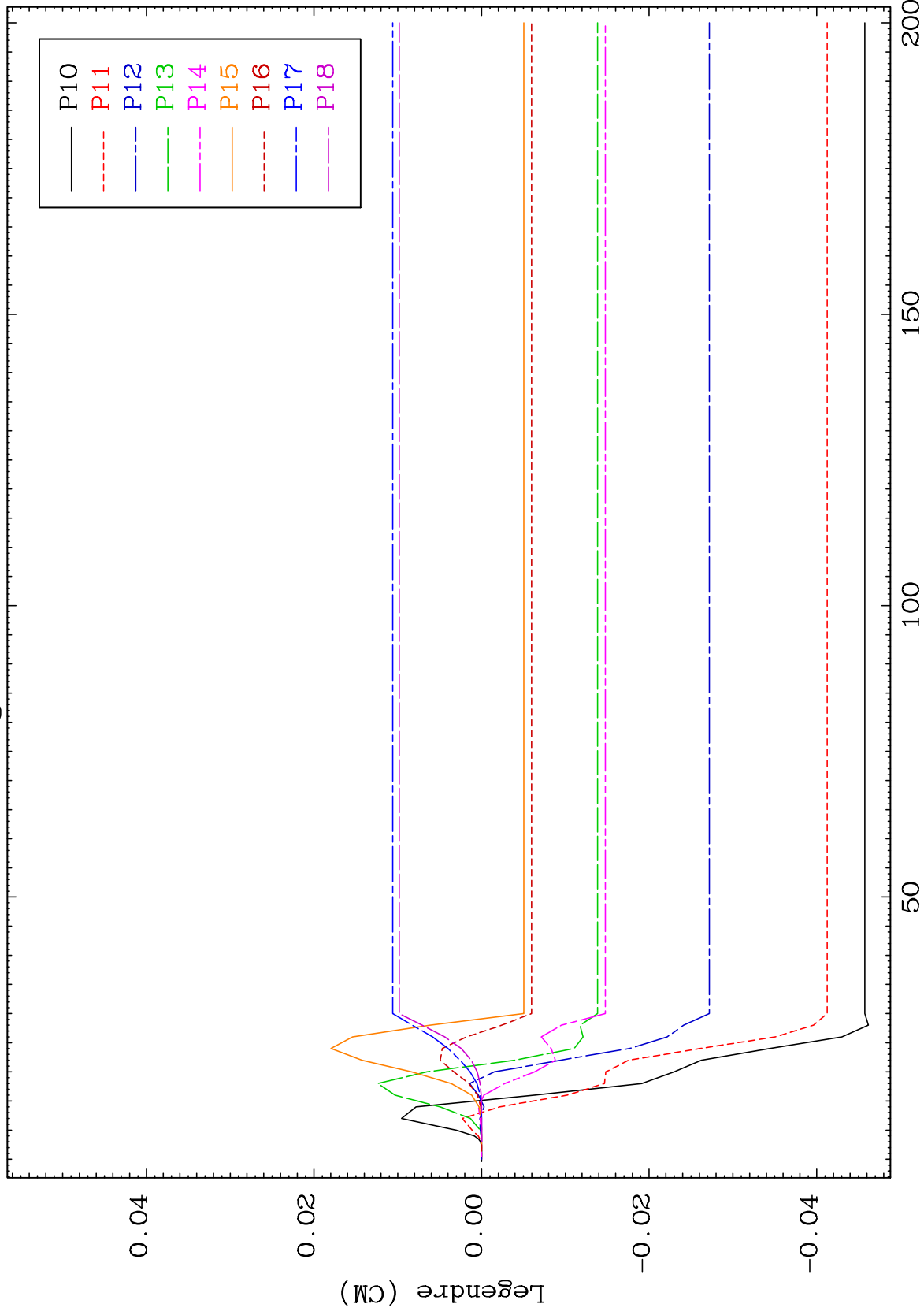




MAT 5082

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

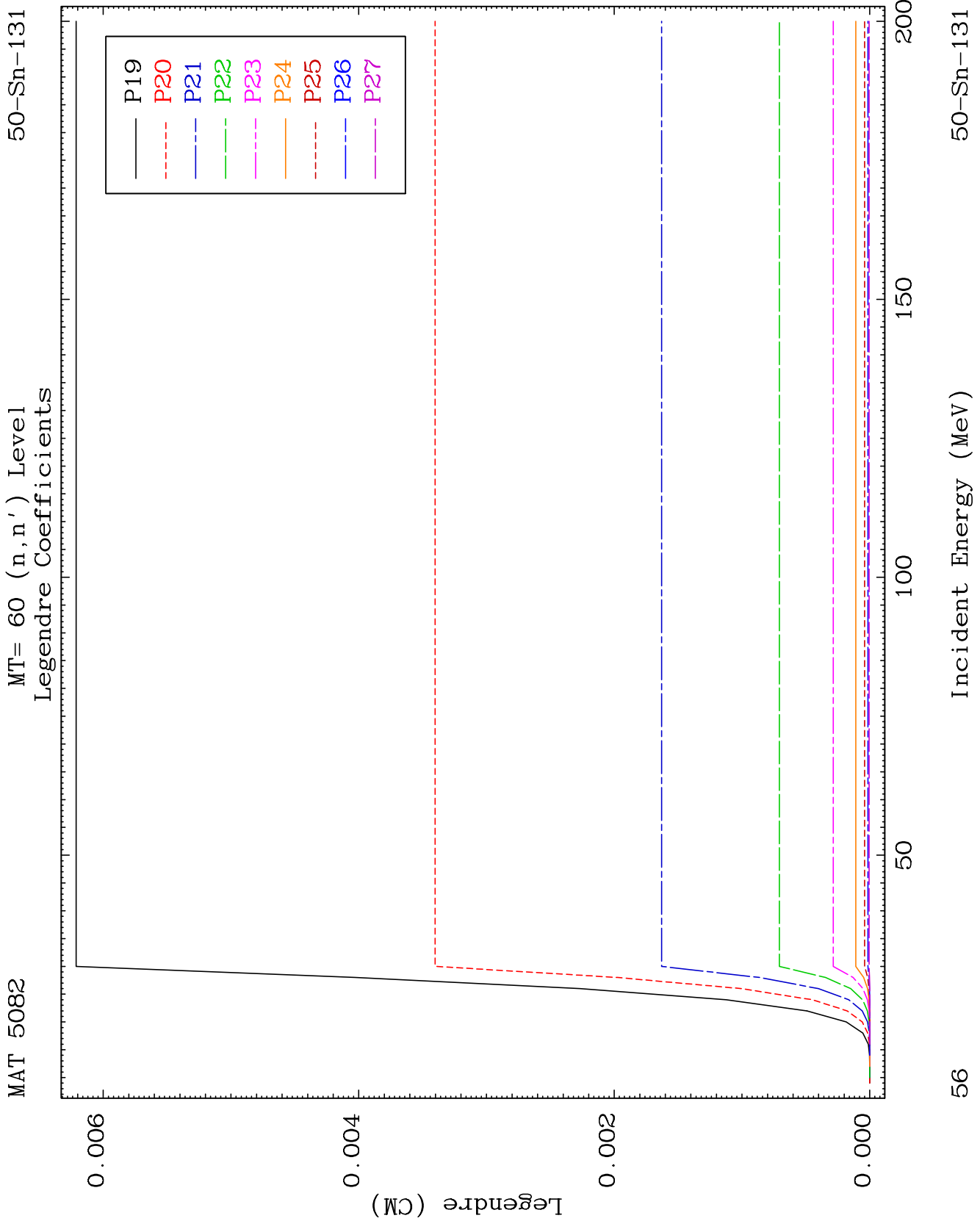
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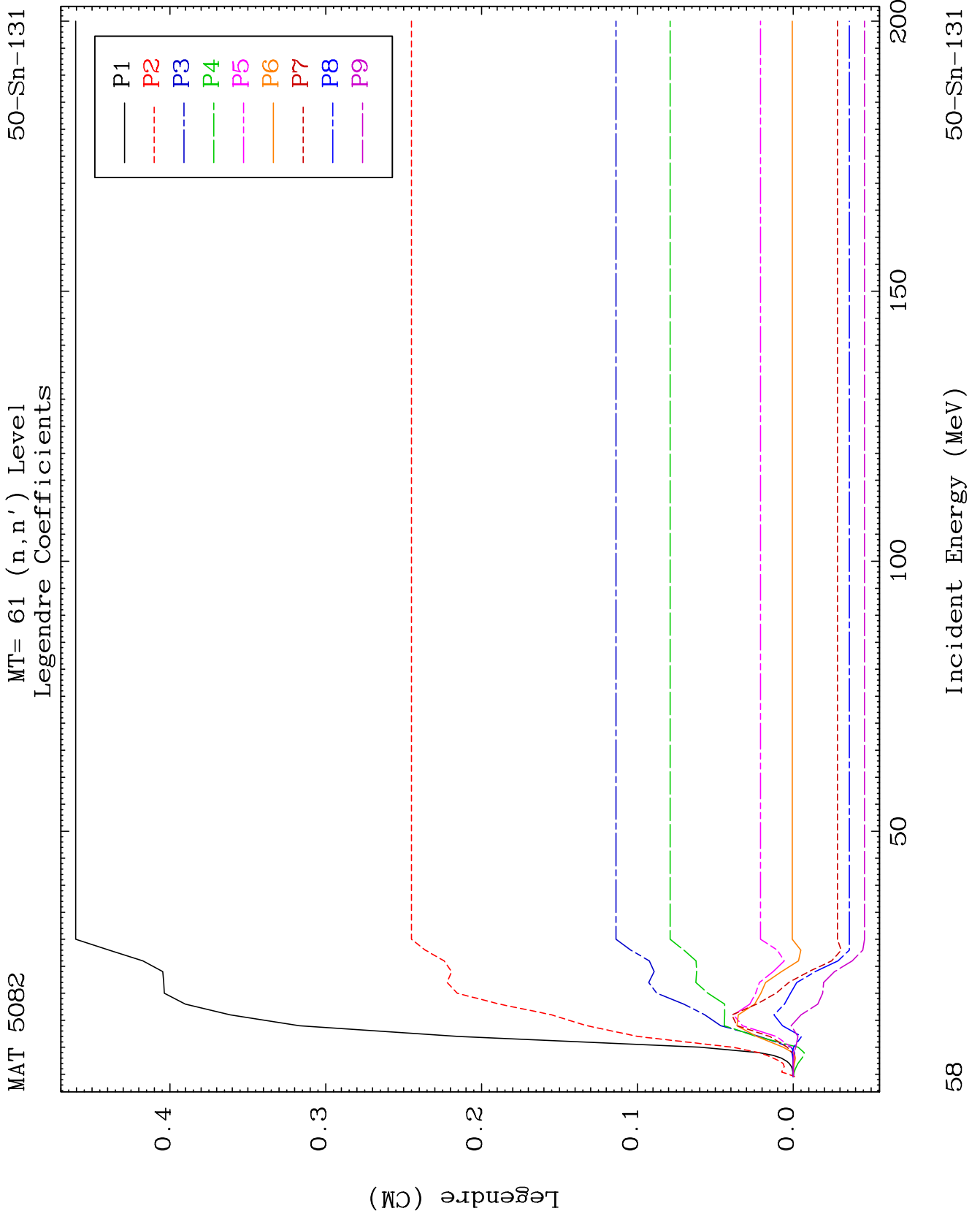


55

Incident Energy (MeV)

50-Sn-131

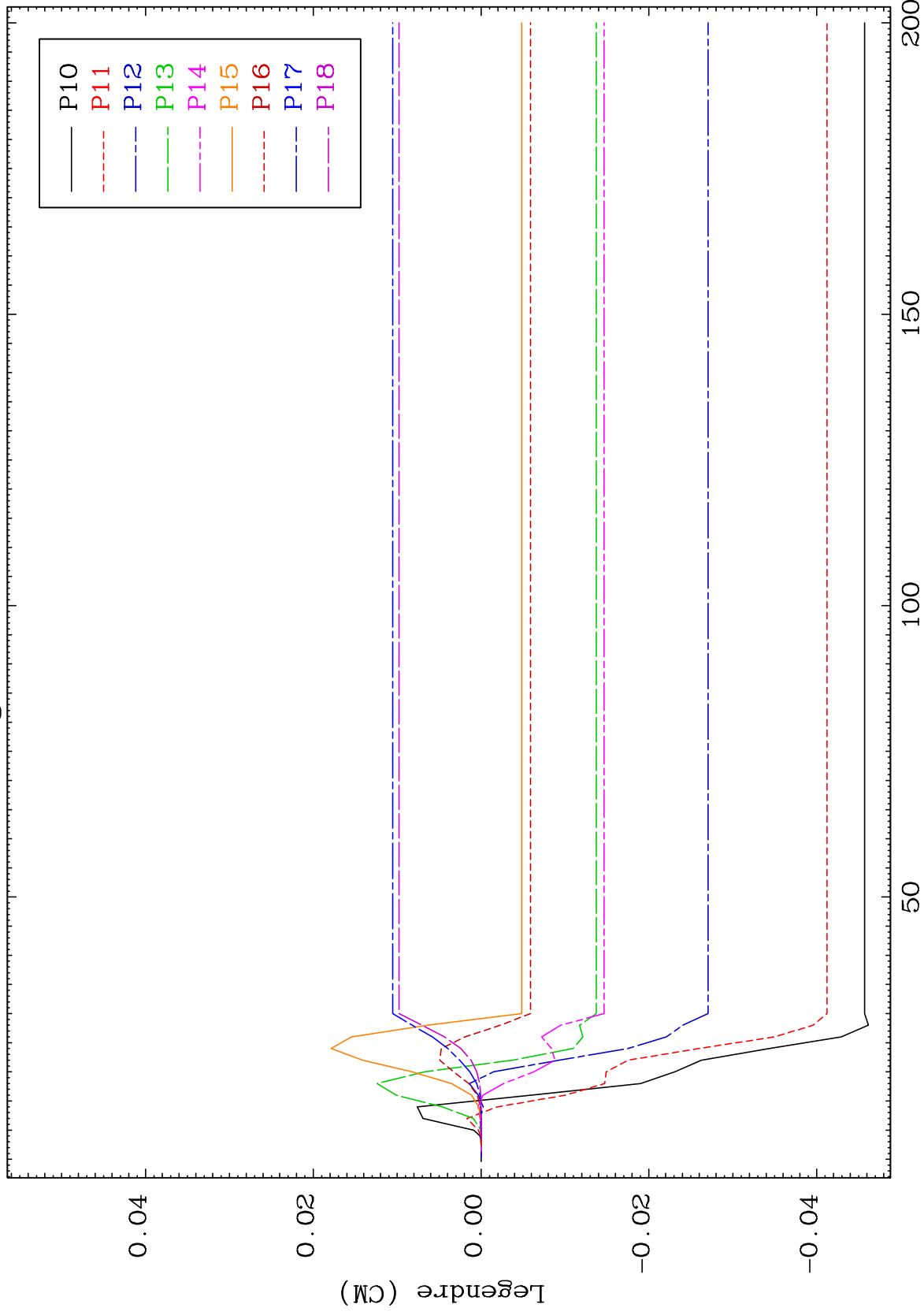




MAT 5082

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

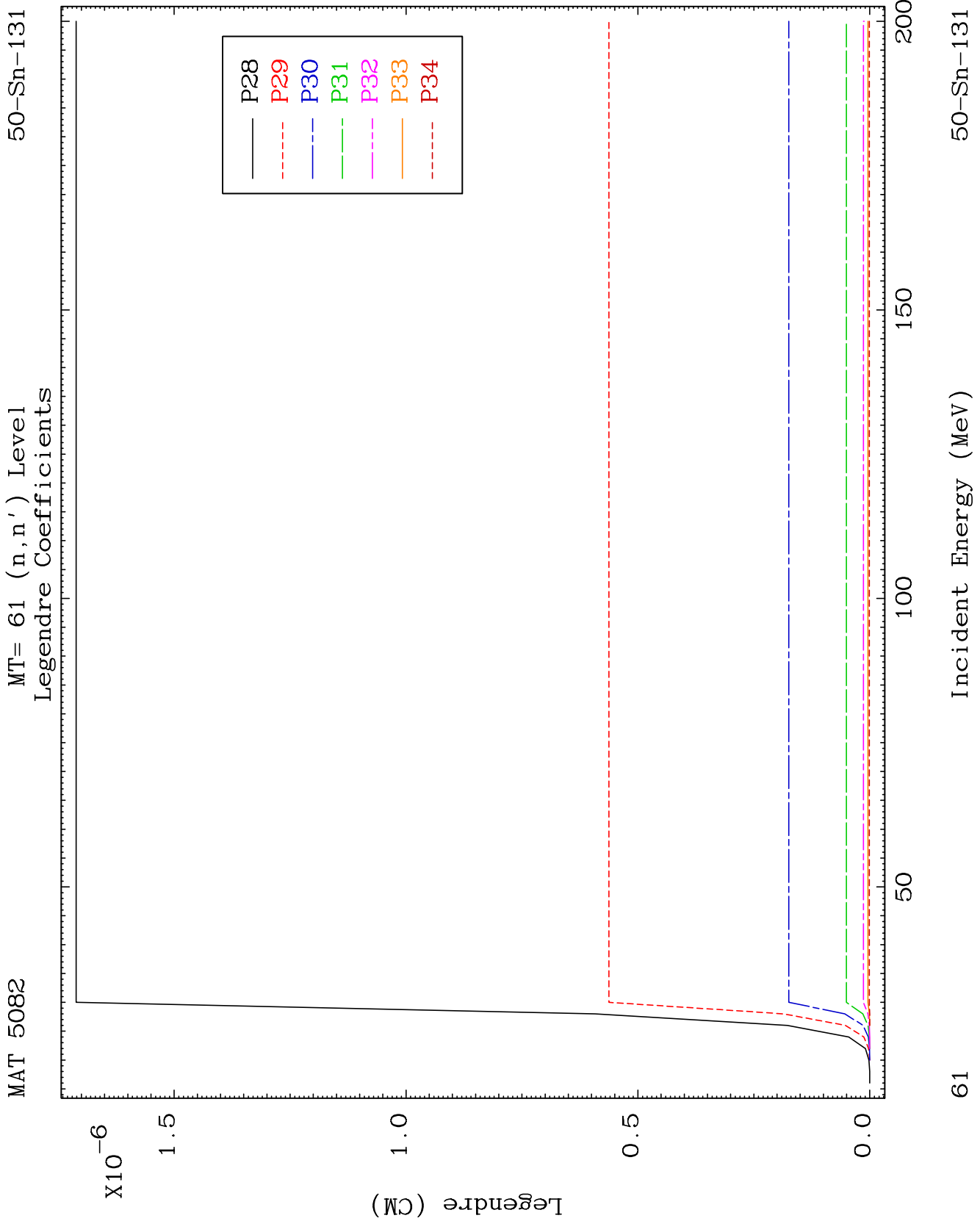
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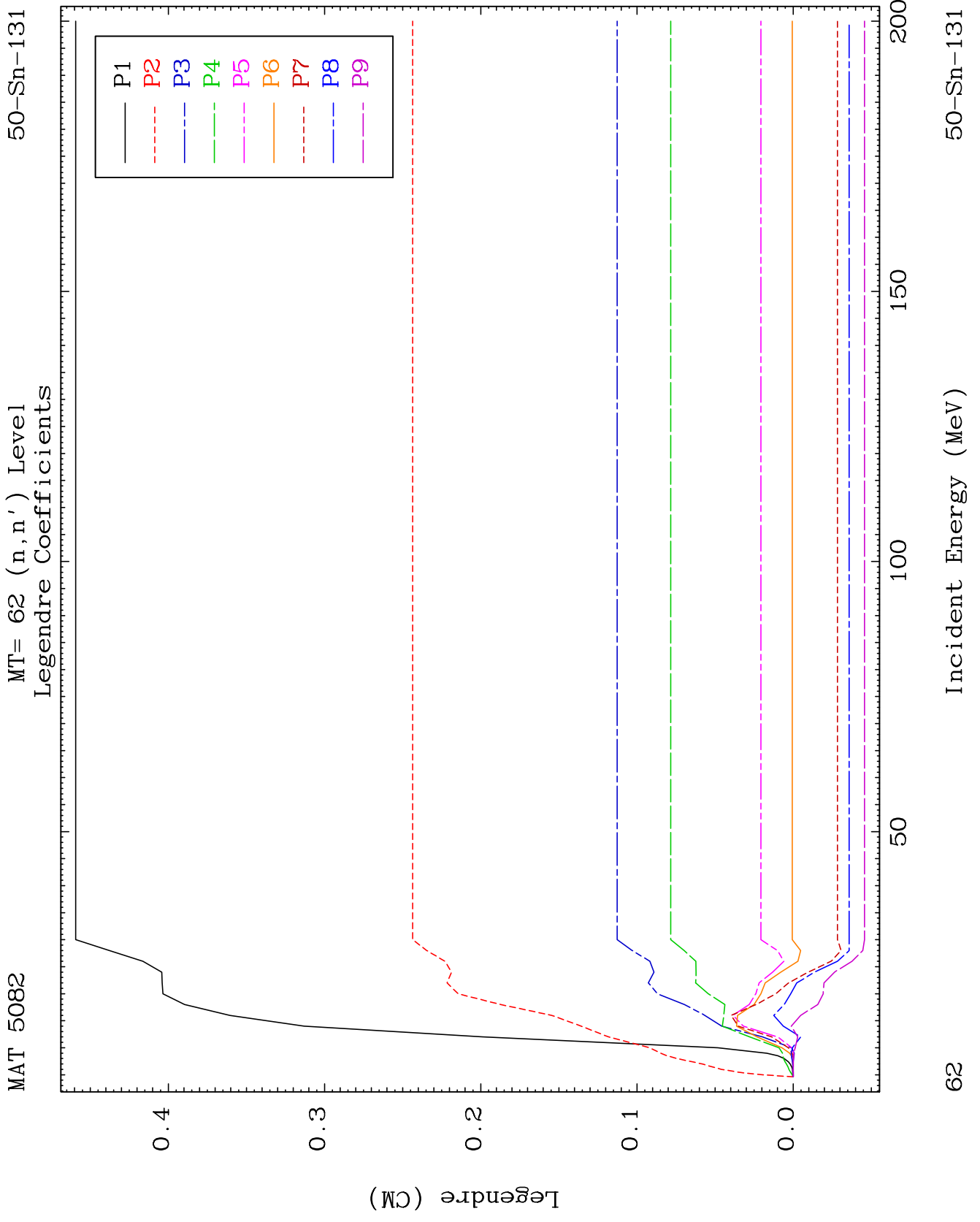


59

Incident Energy (MeV)

50-Sn-131

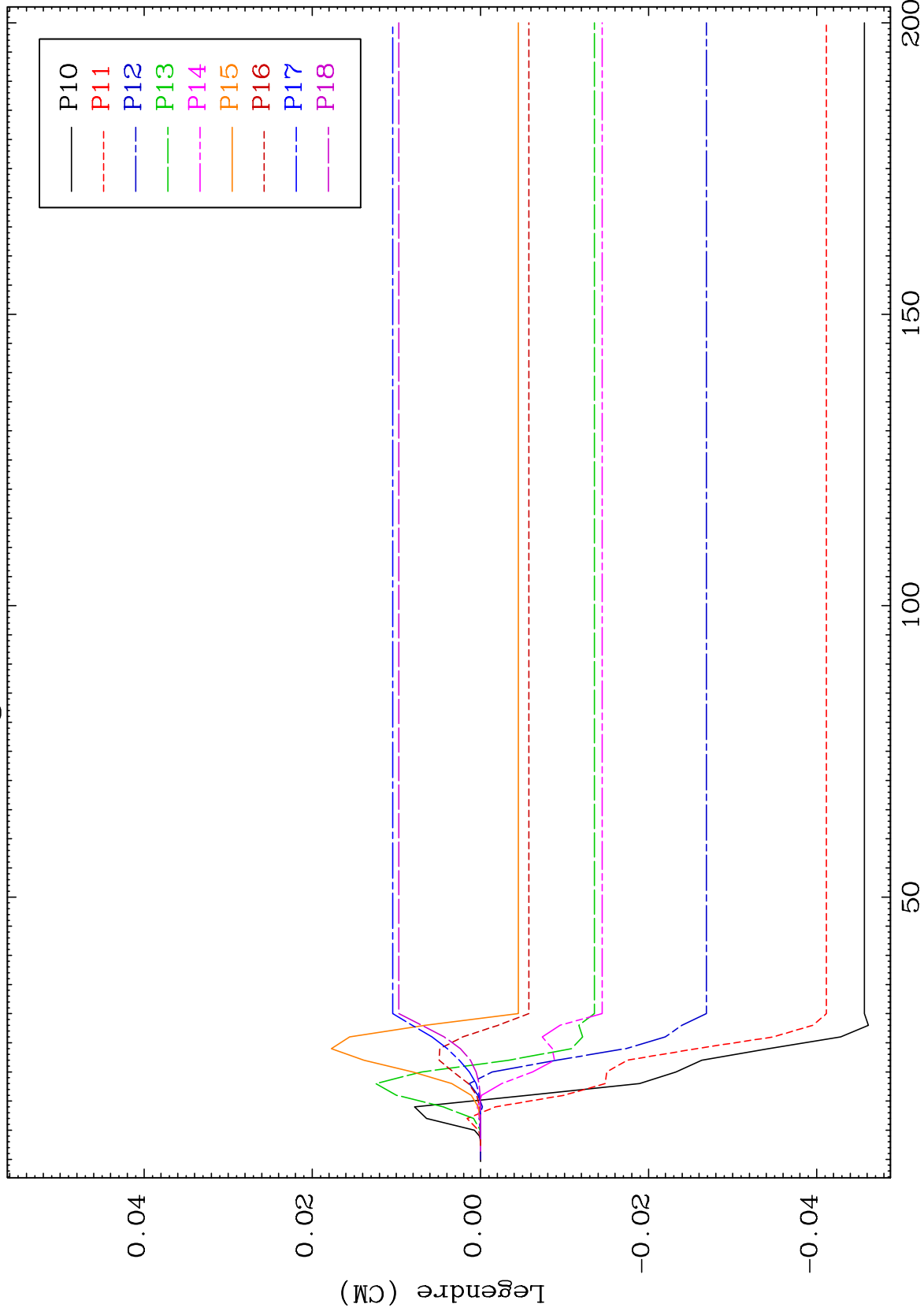




MAT 5082

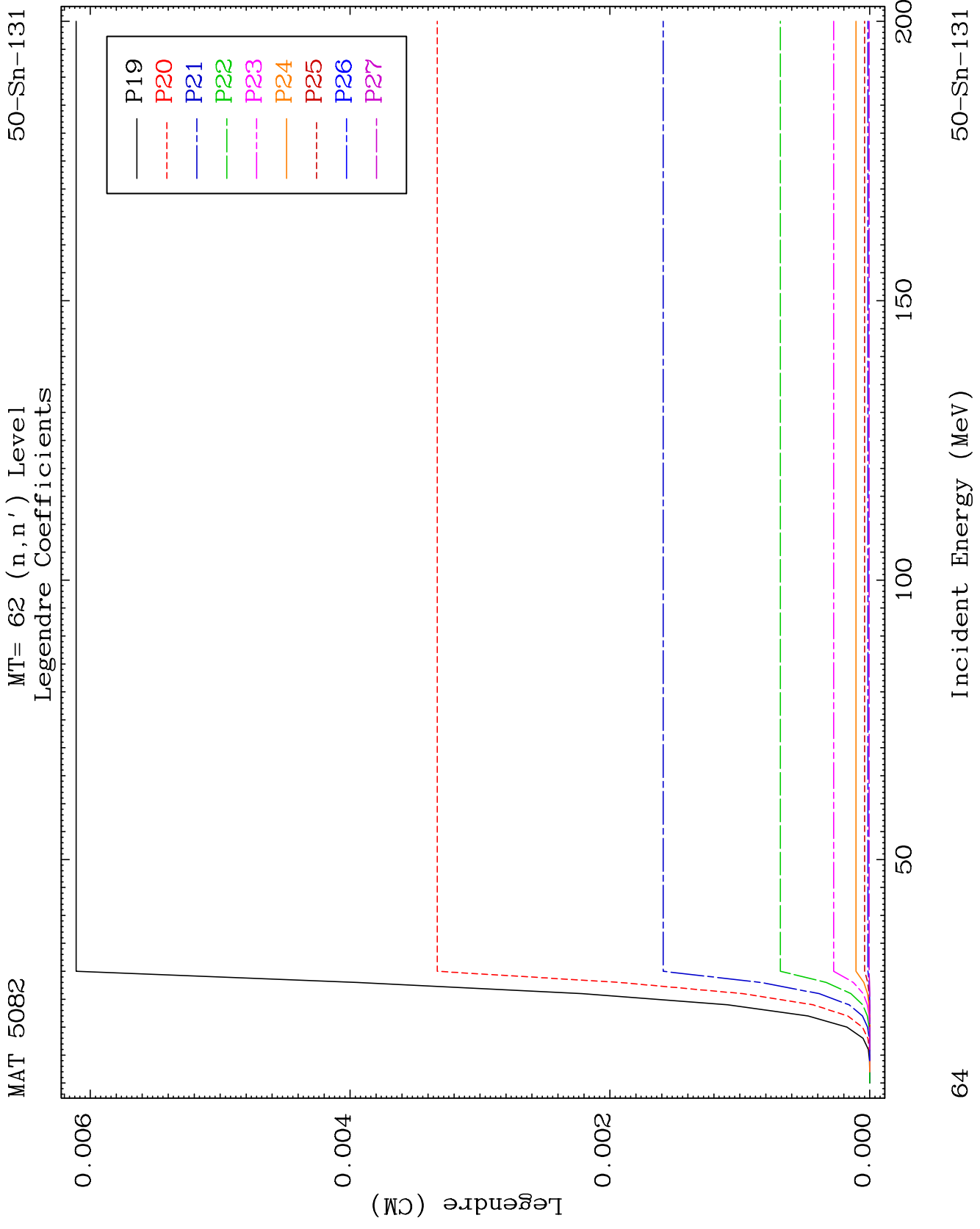
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Legendre Coefficients

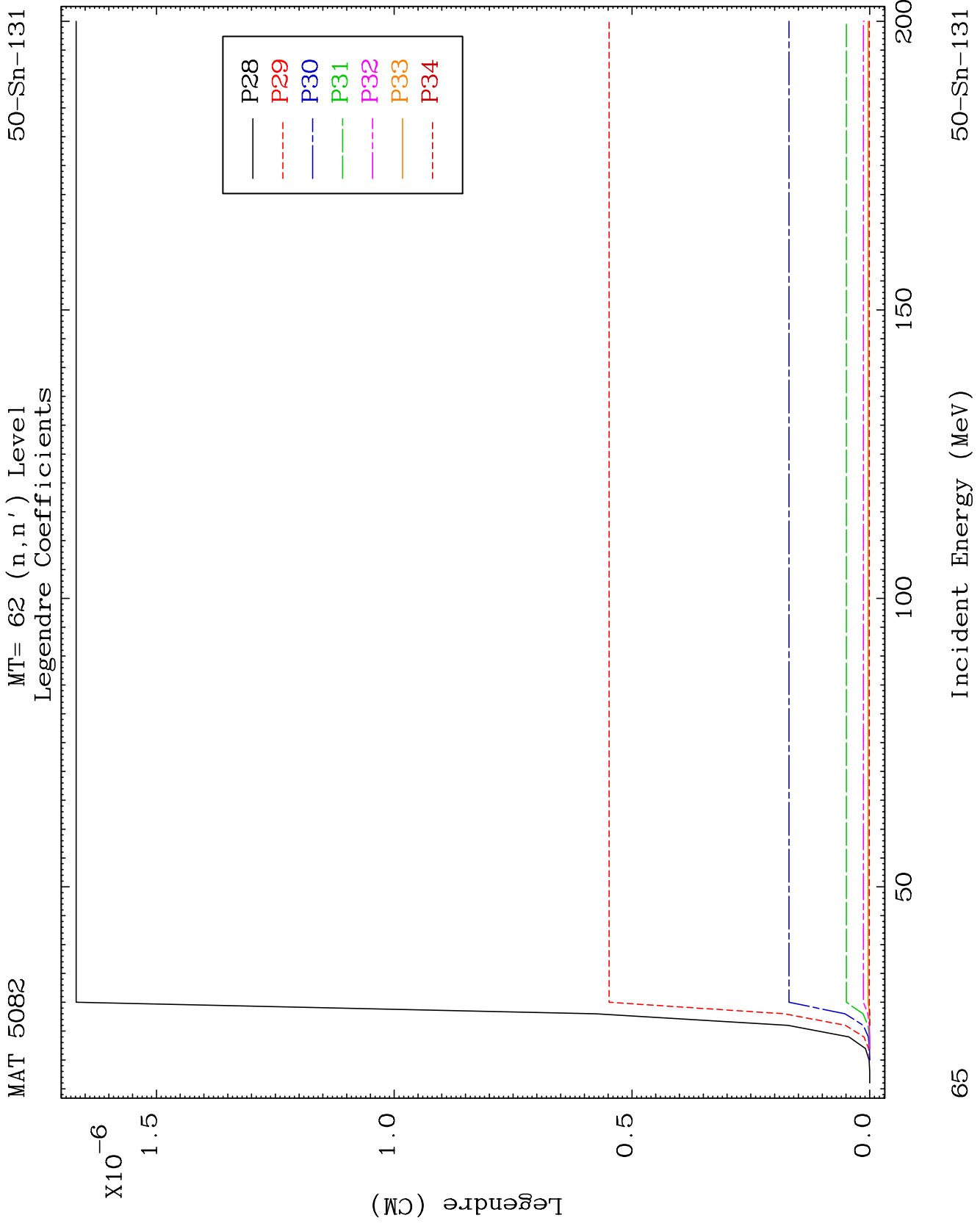
50-Sn-131



63

50-Sn-131

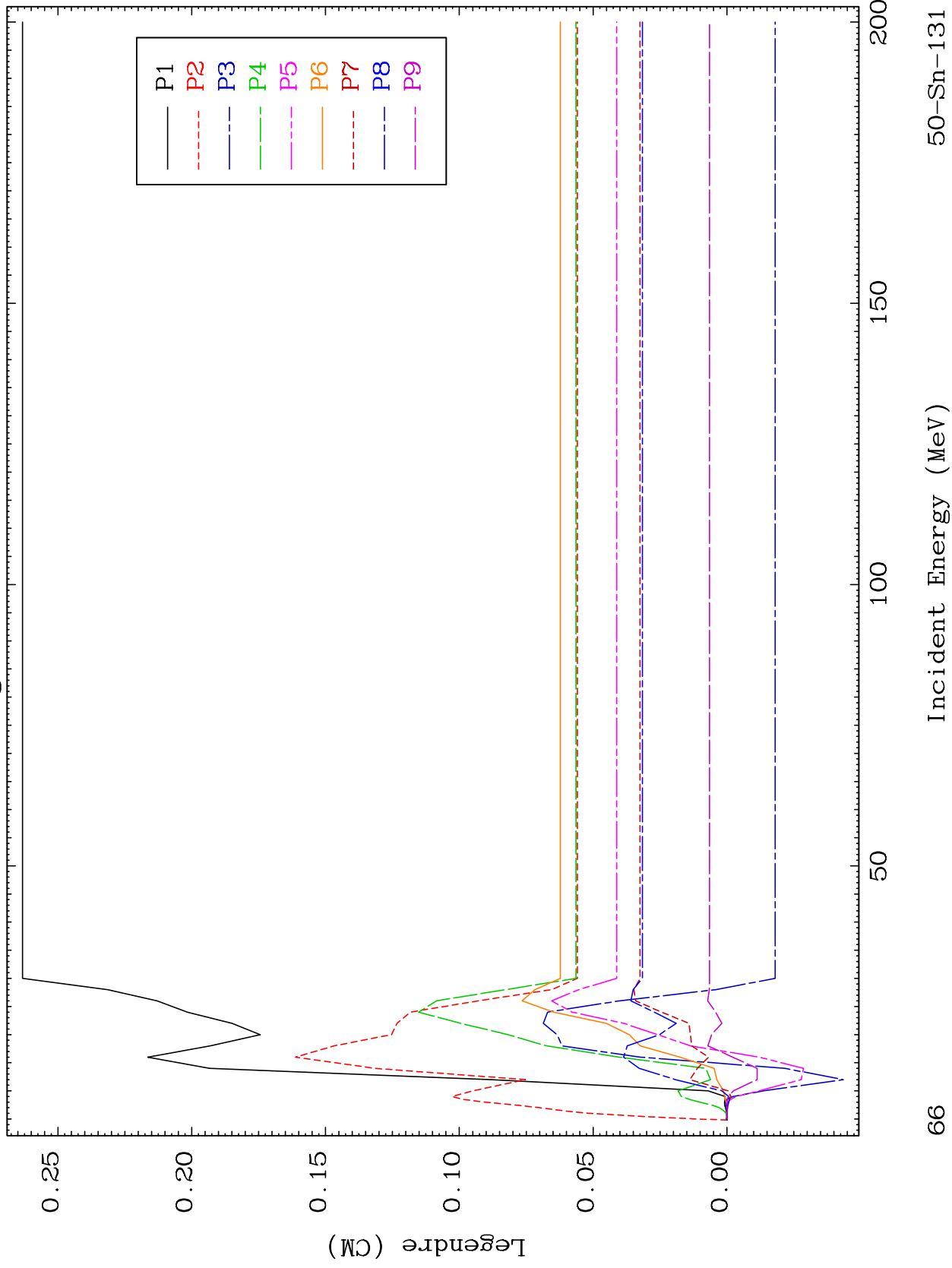




MAT 5082

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

50-Sn-131



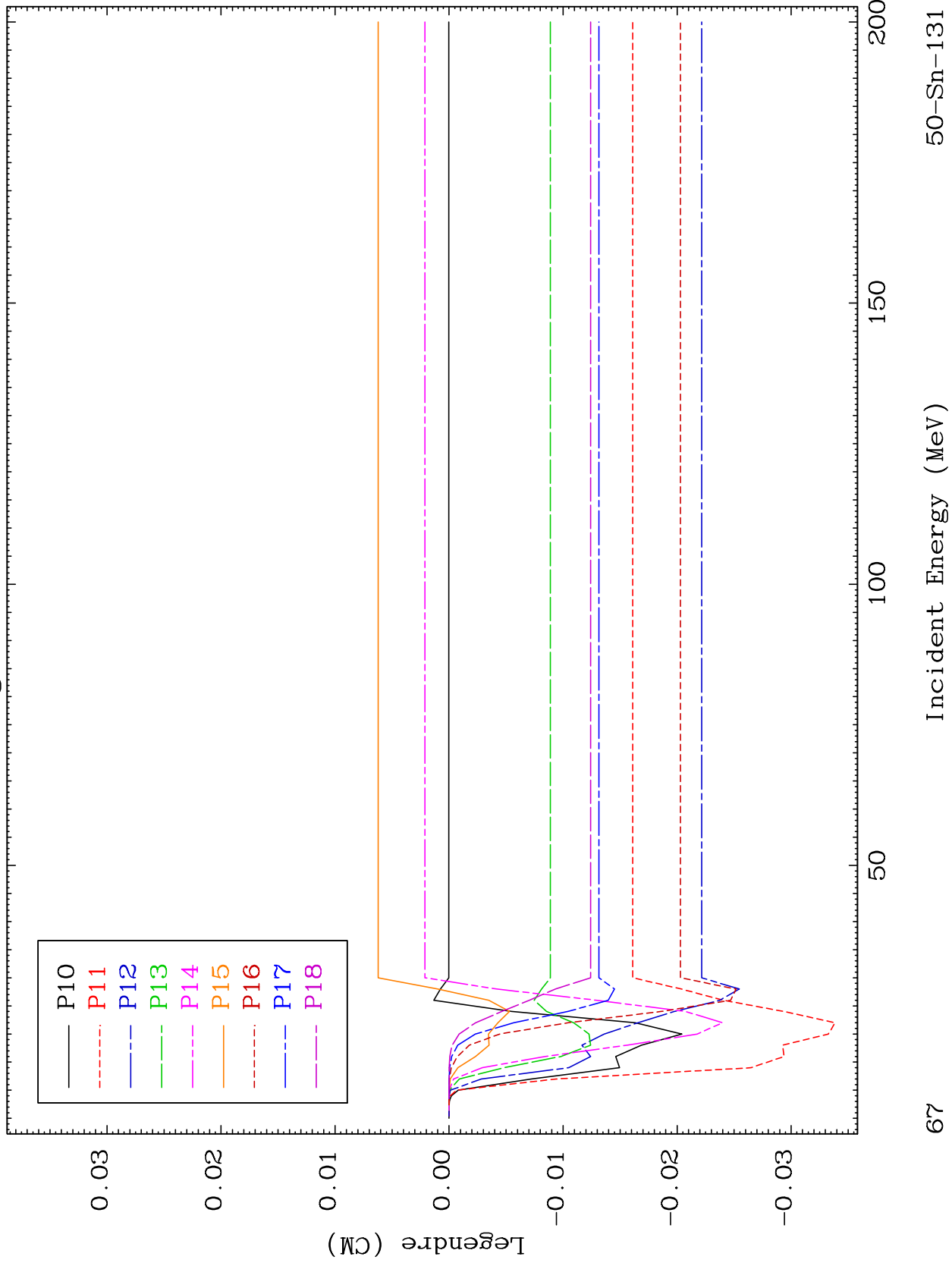
66

50-Sn-131

MAT 5082

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

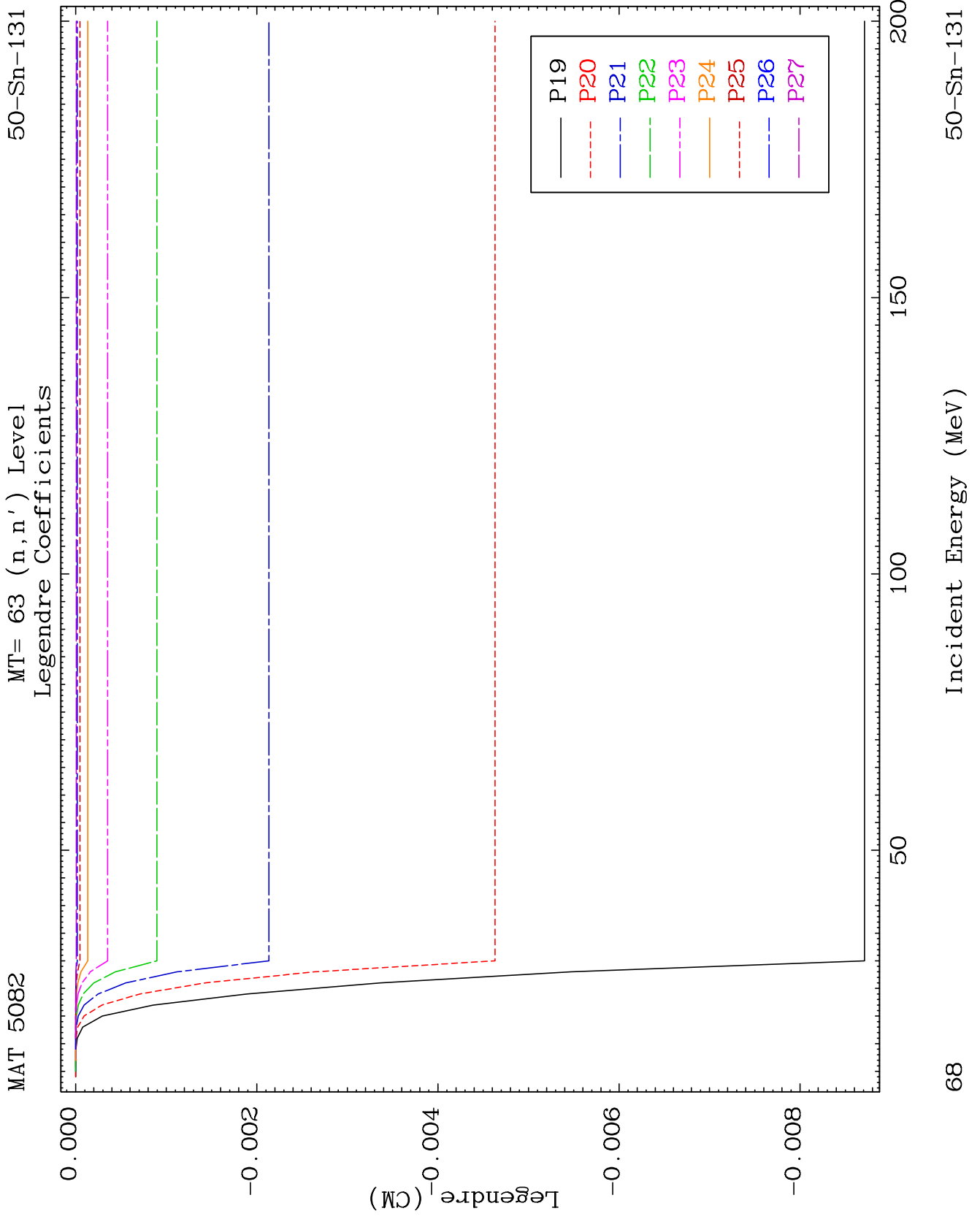
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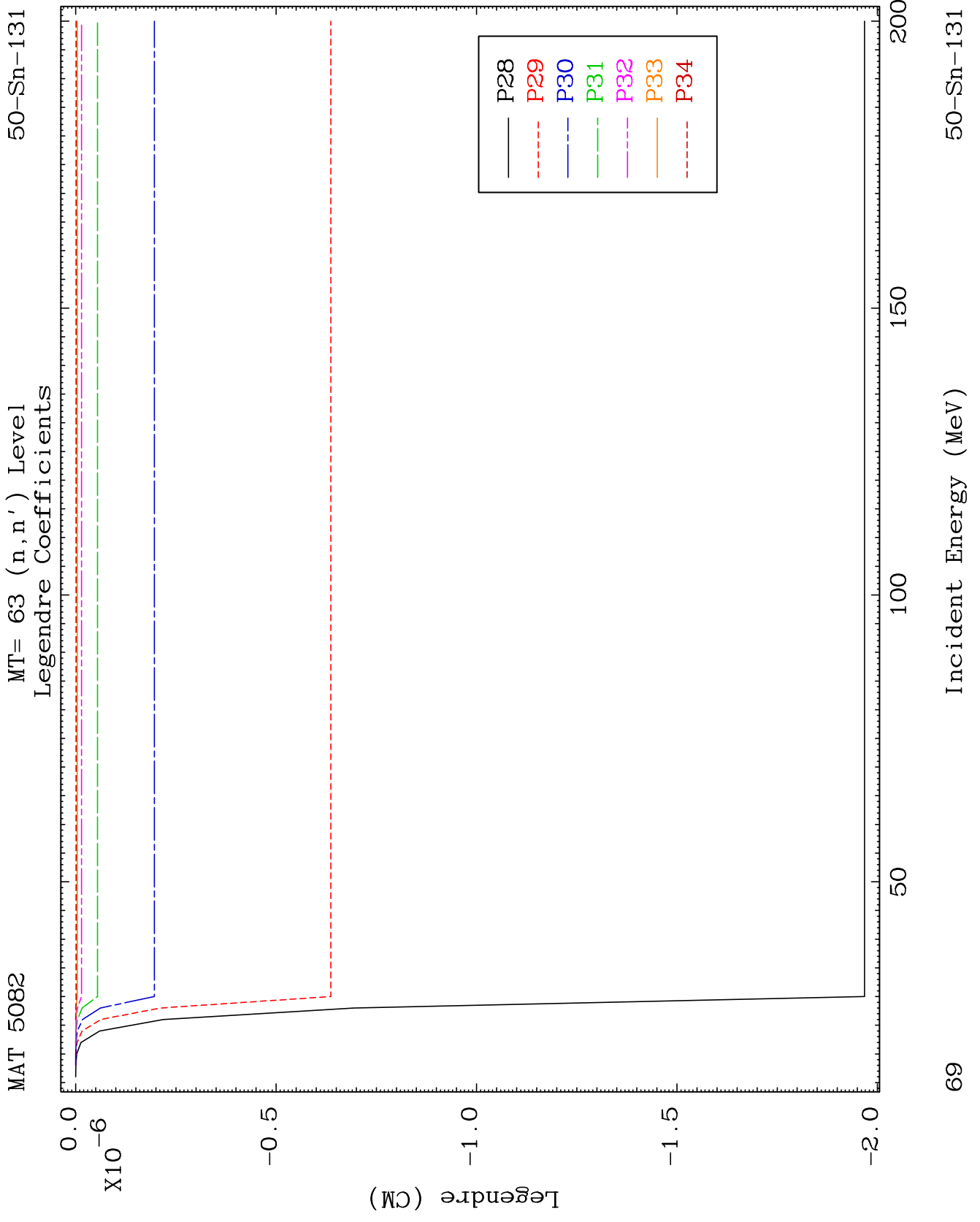


67

Incident Energy (MeV)

50-Sn-131

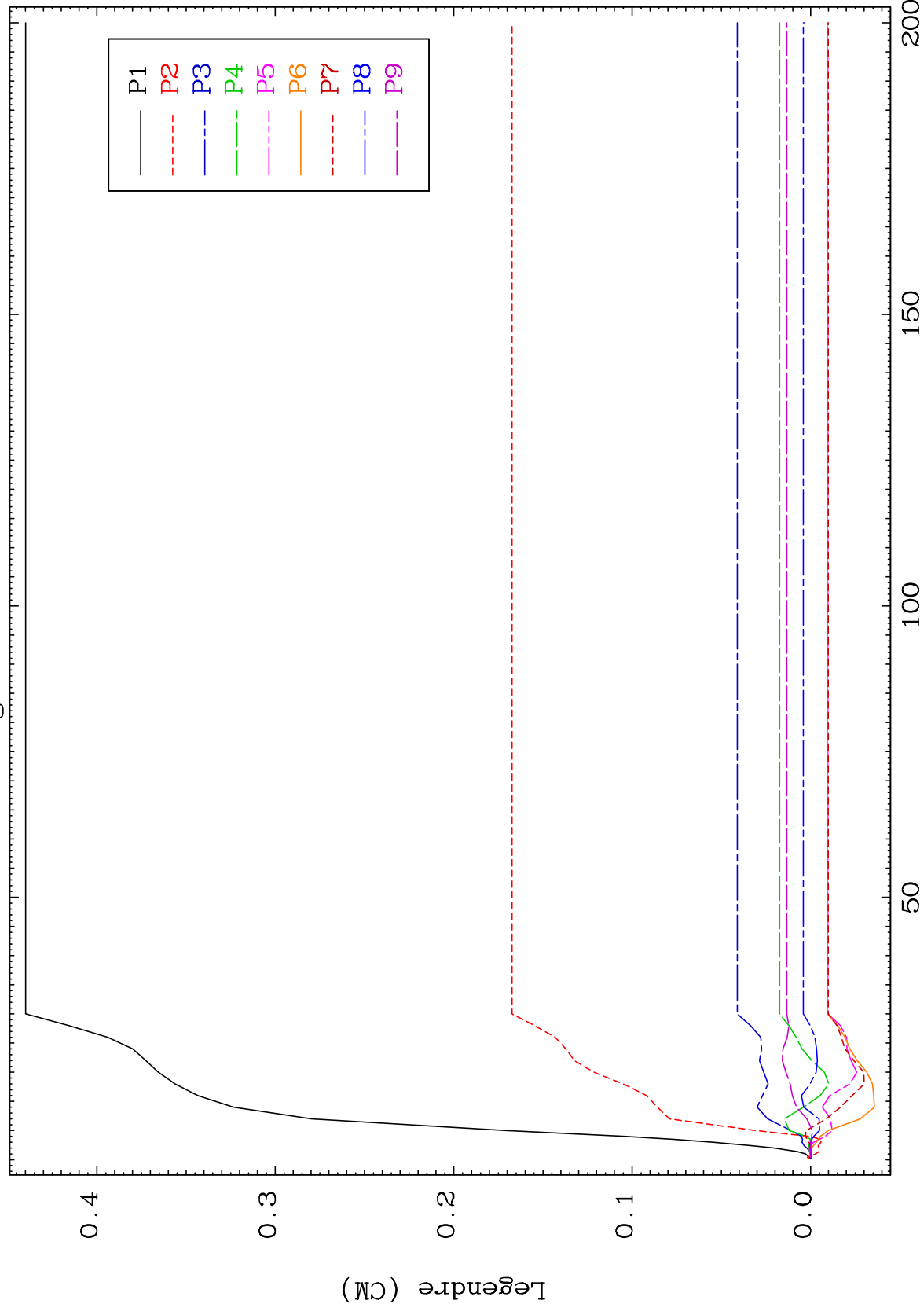




MAT 5082

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

50-Sn-131



50-Sn-131

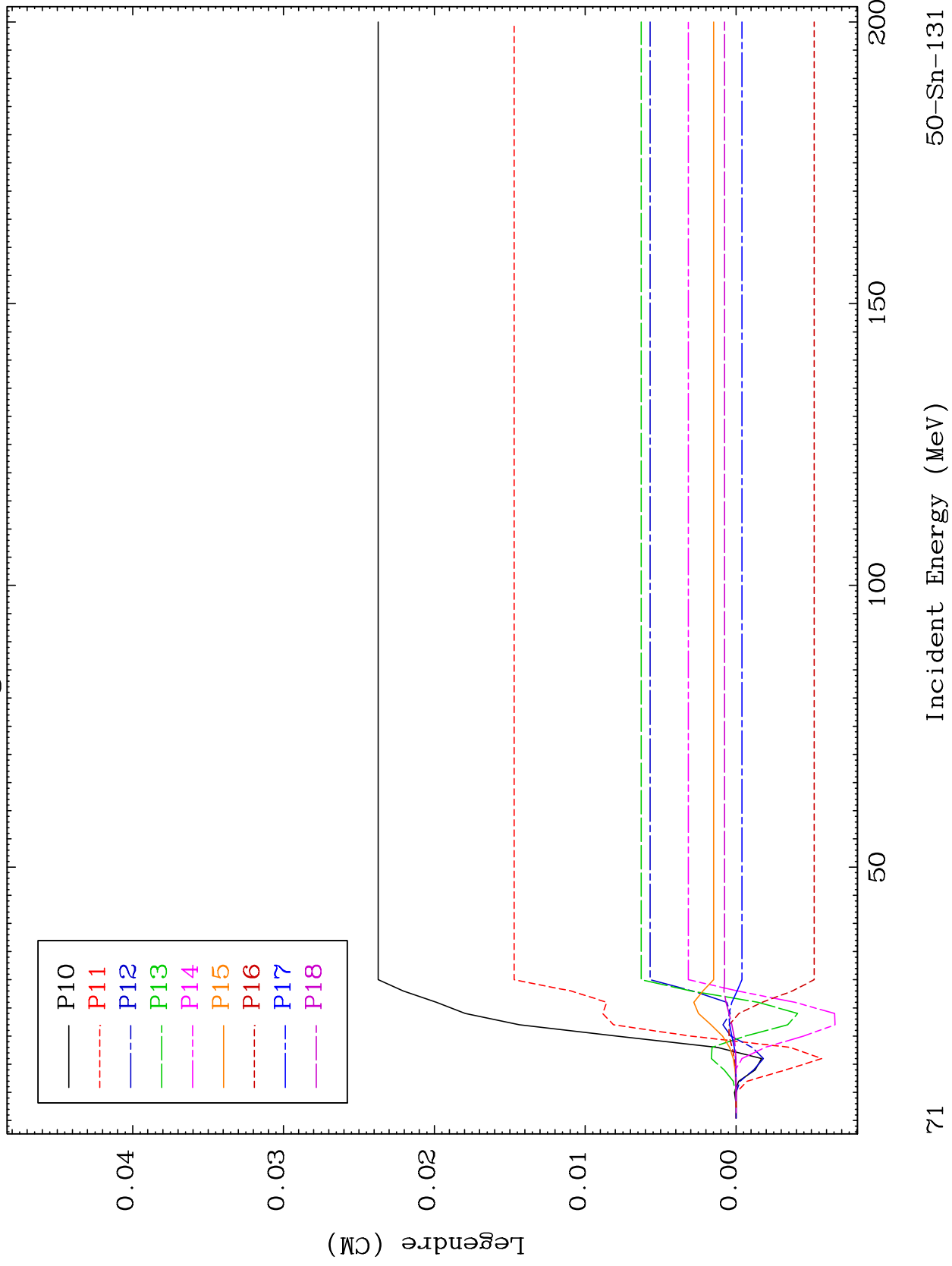
Incident Energy (MeV)

70

MAT 5082

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

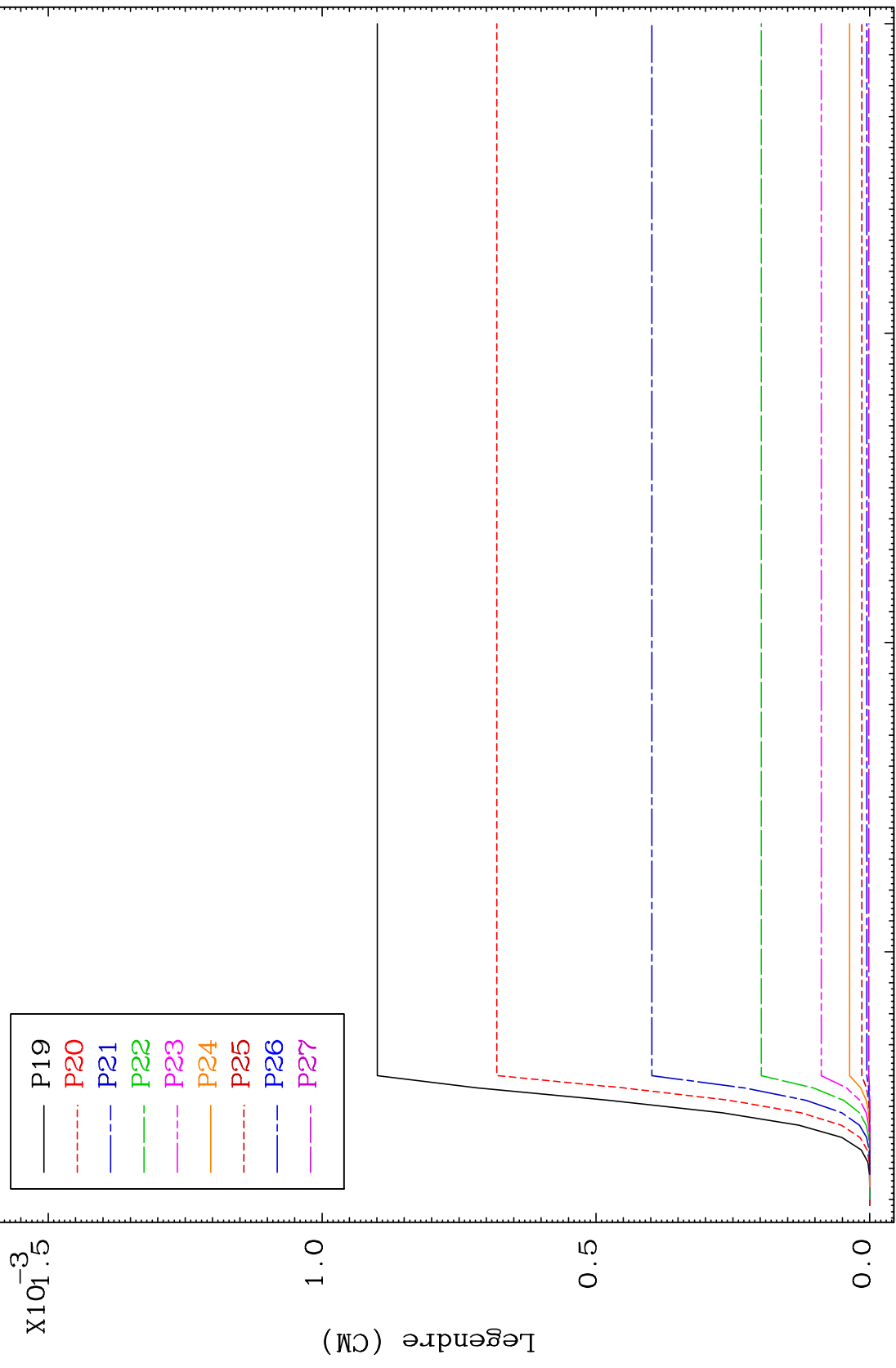
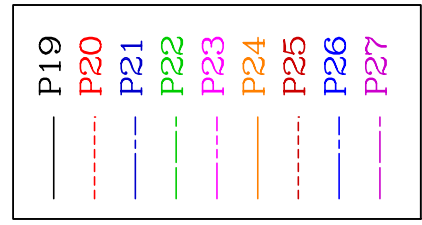
50-Sn-131



MAT 5082

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

50-Sn-131



72

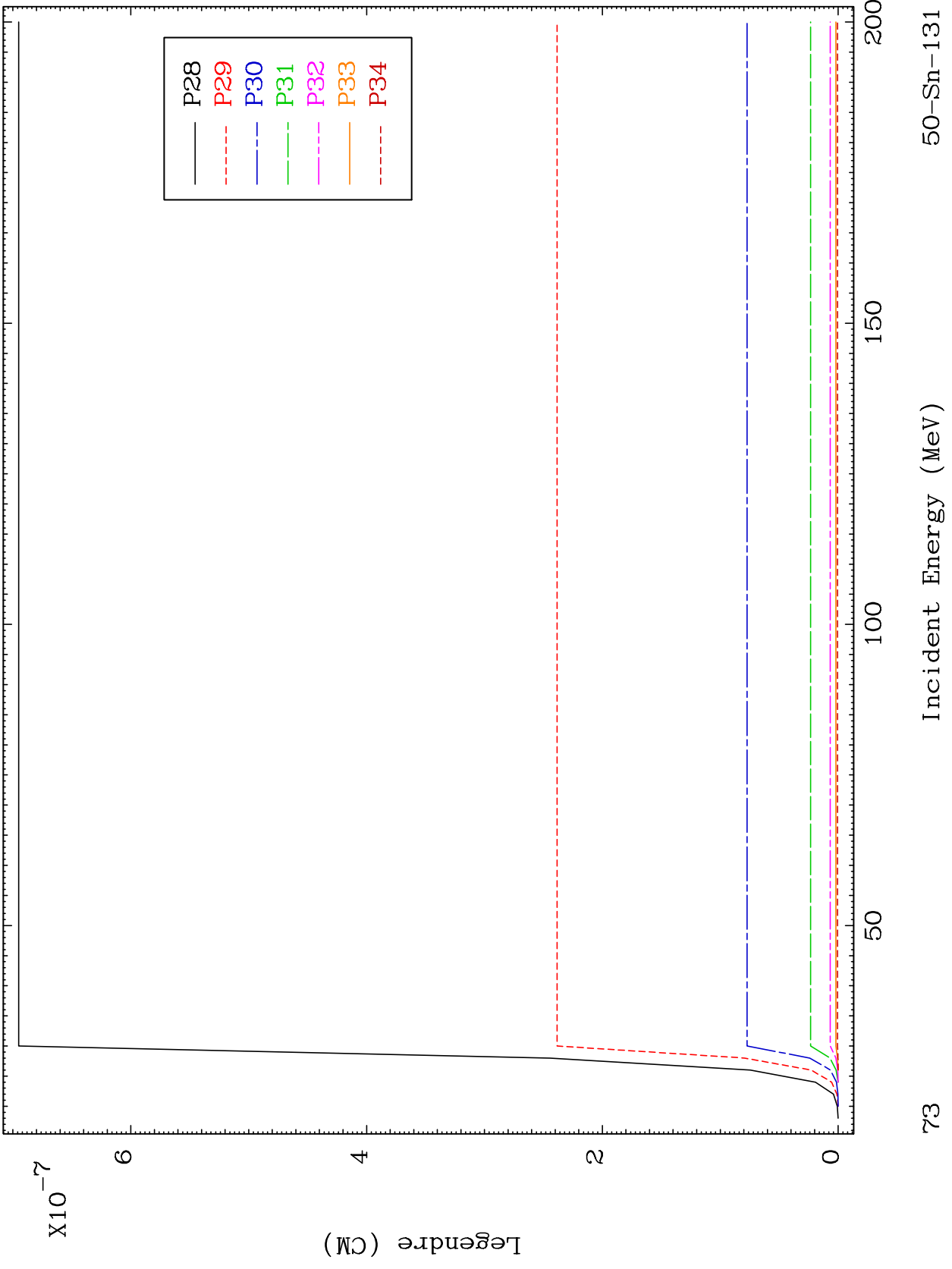
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



73

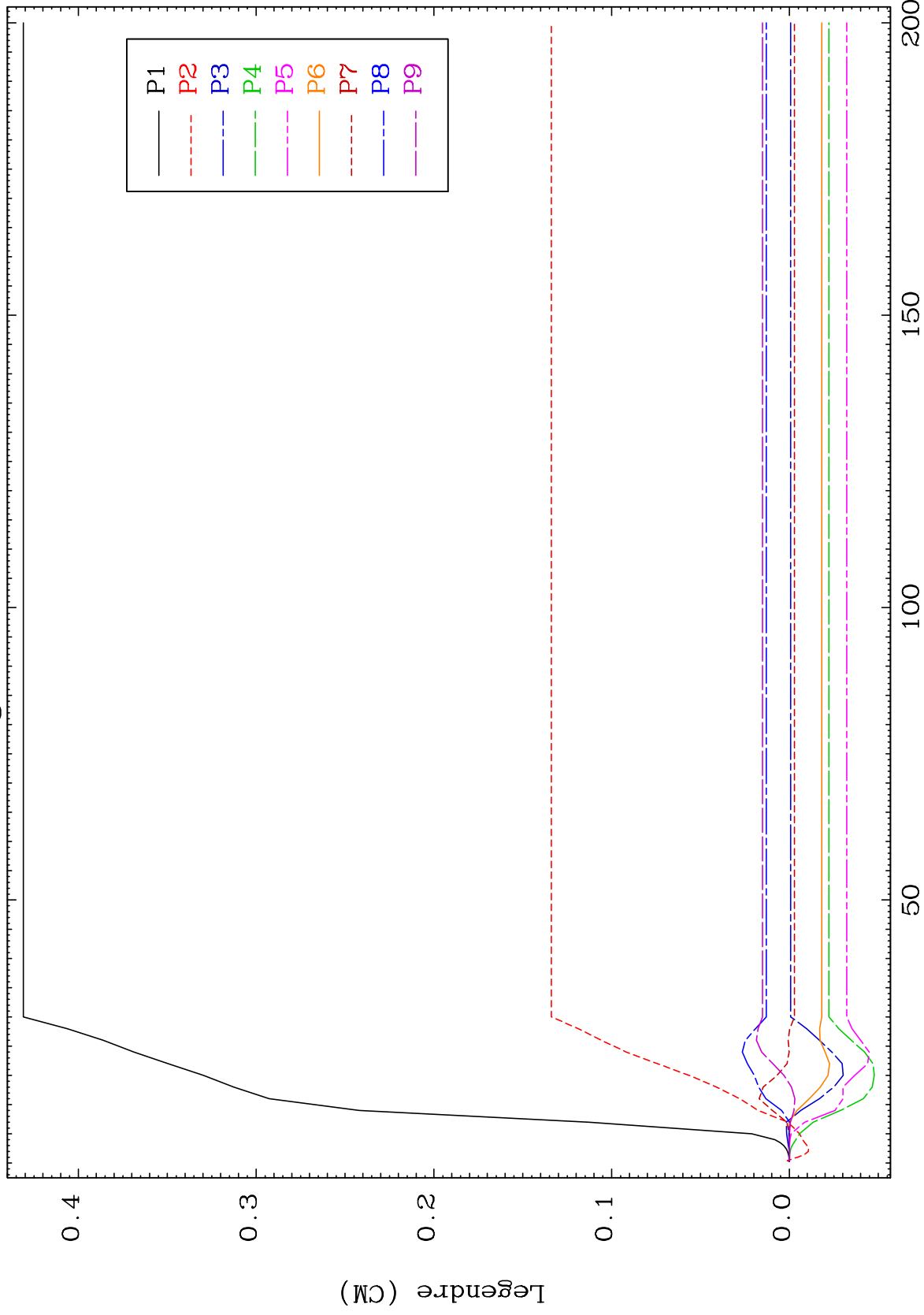
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



74

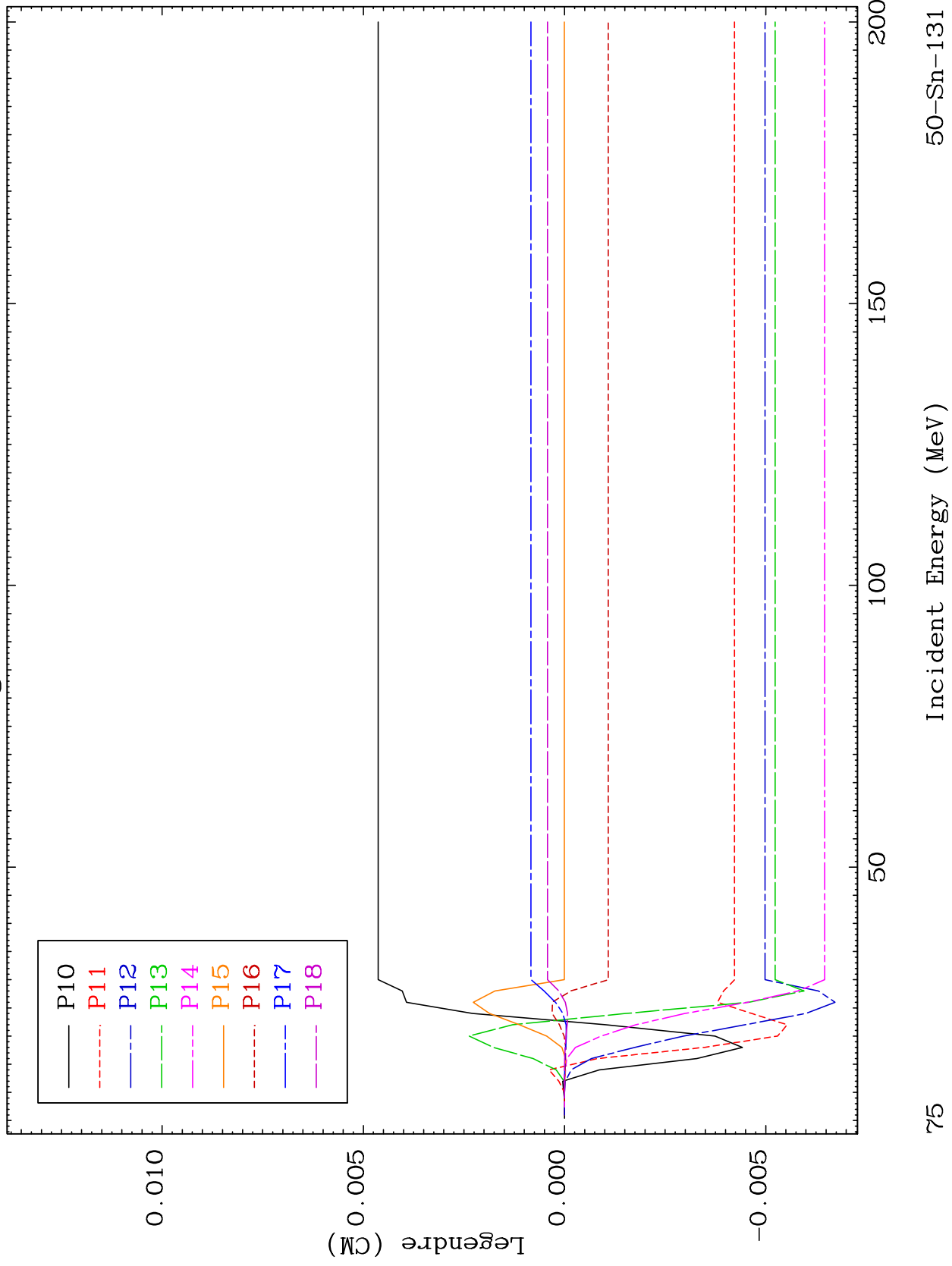
Incident Energy (MeV)

50-Sn-131

MAT 5082

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

50-Sn-131



75

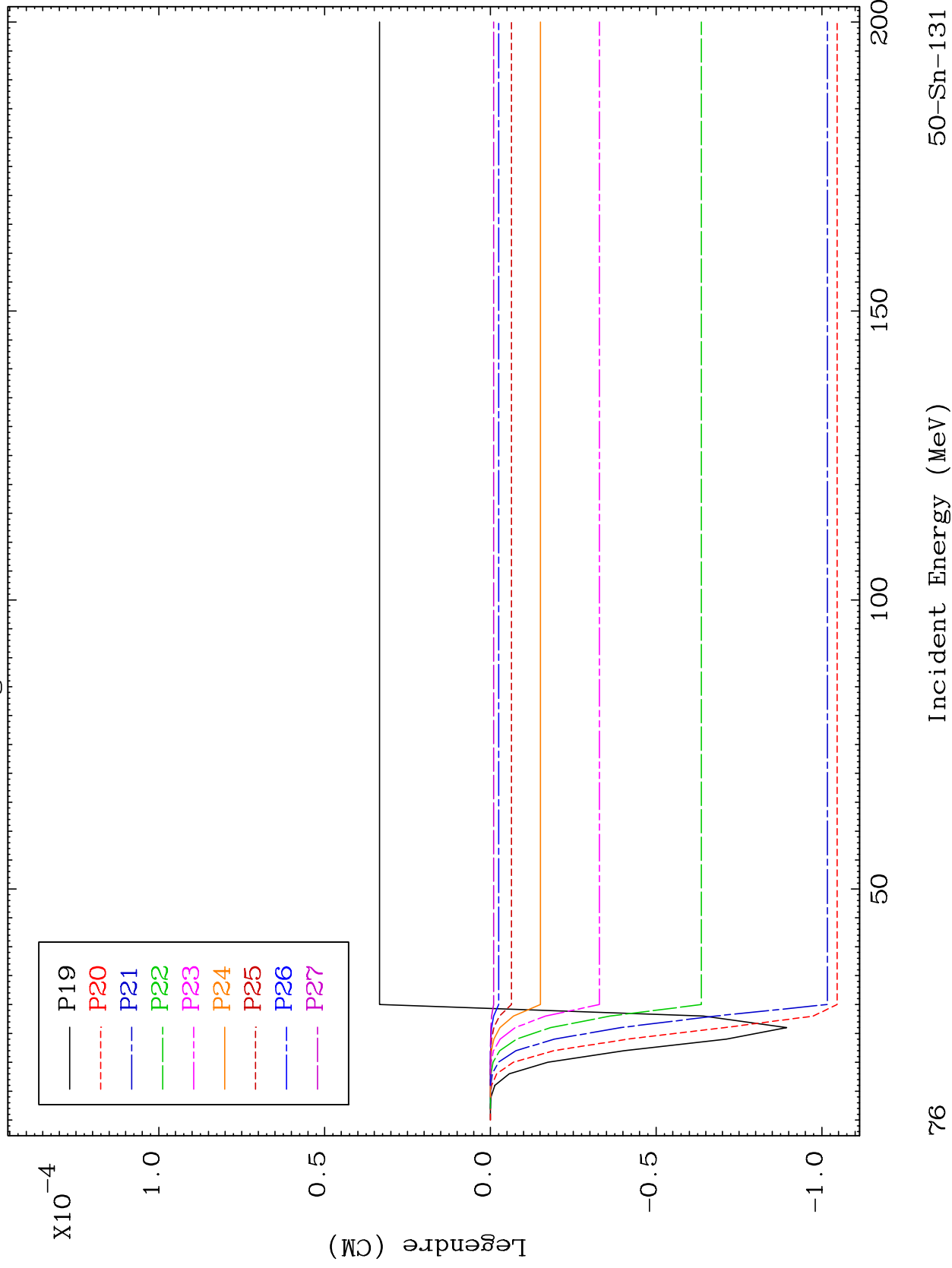
Incident Energy (MeV)

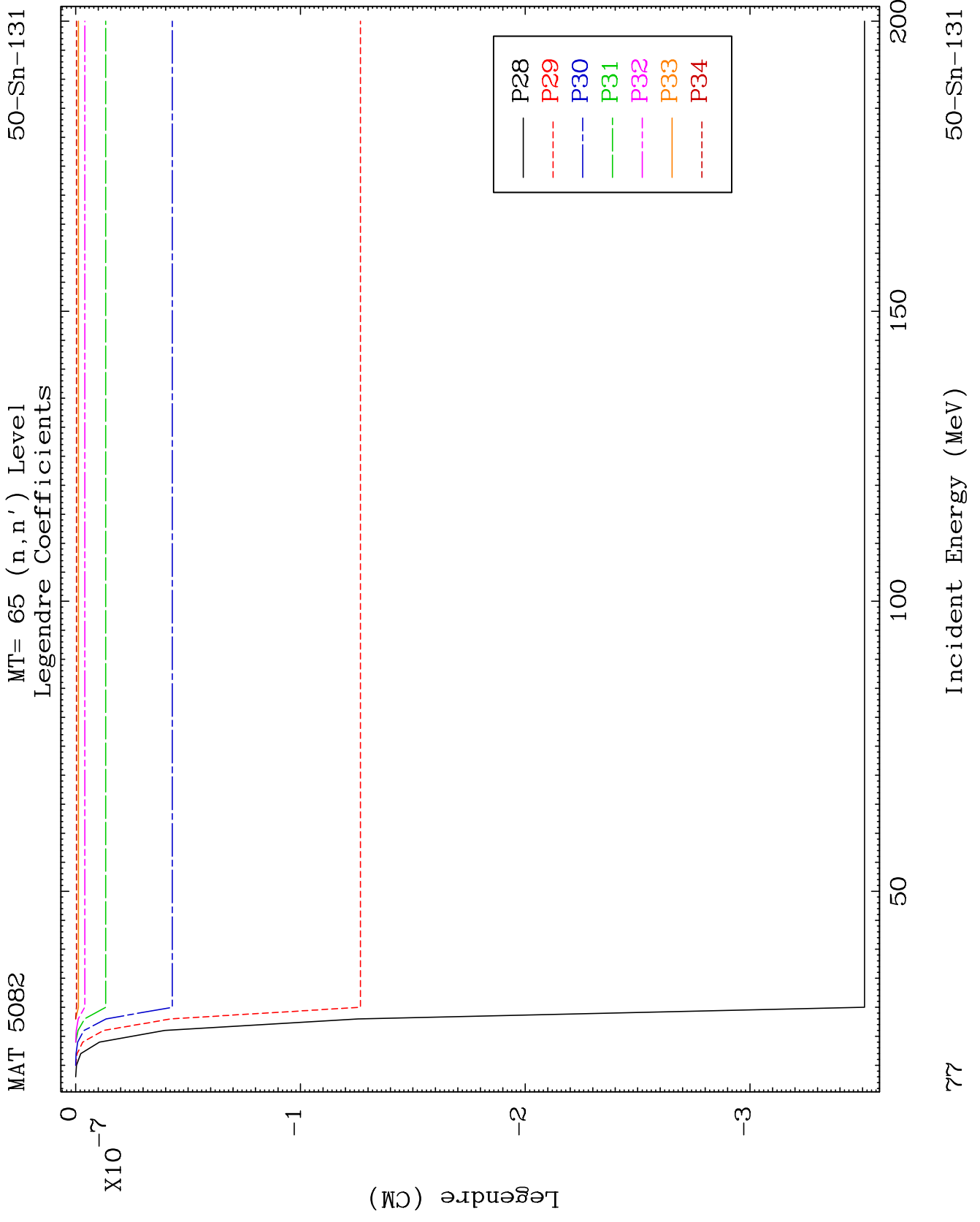
50-Sn-131

MAT 5082

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

50-Sn-131

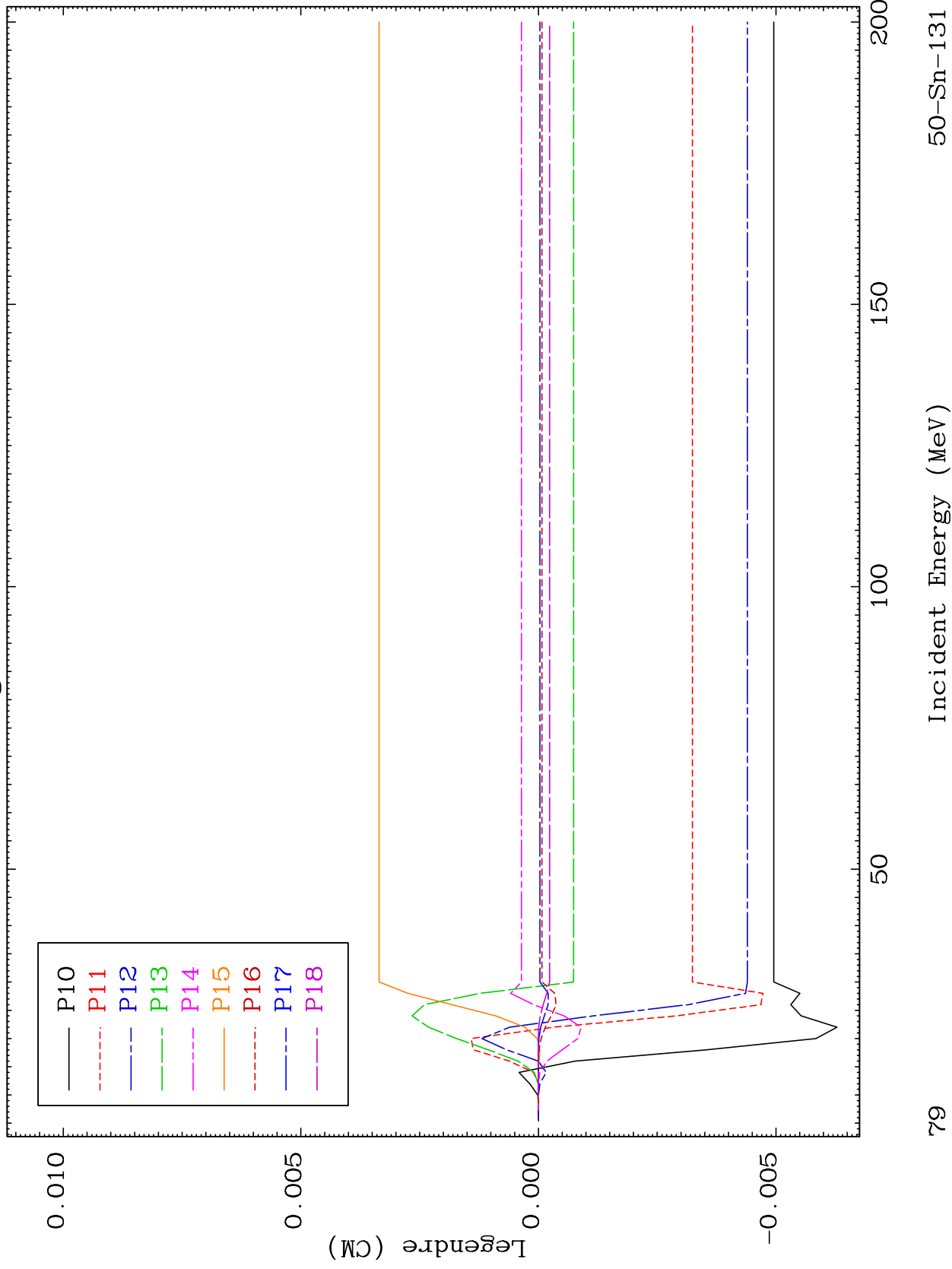




MAT 5082

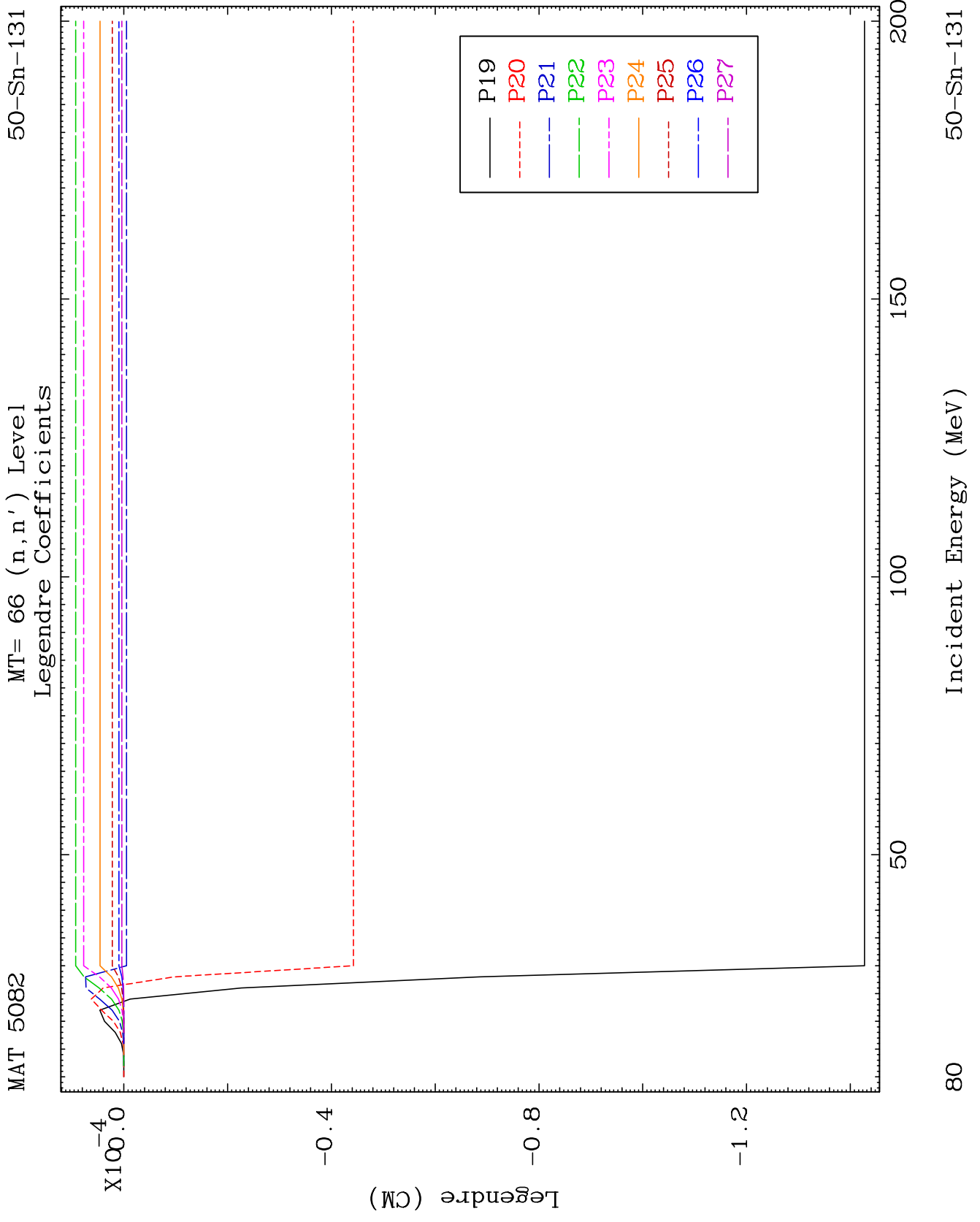
MT= 66 (n,n') Level
Legendre Coefficients

50-Sn-131



79

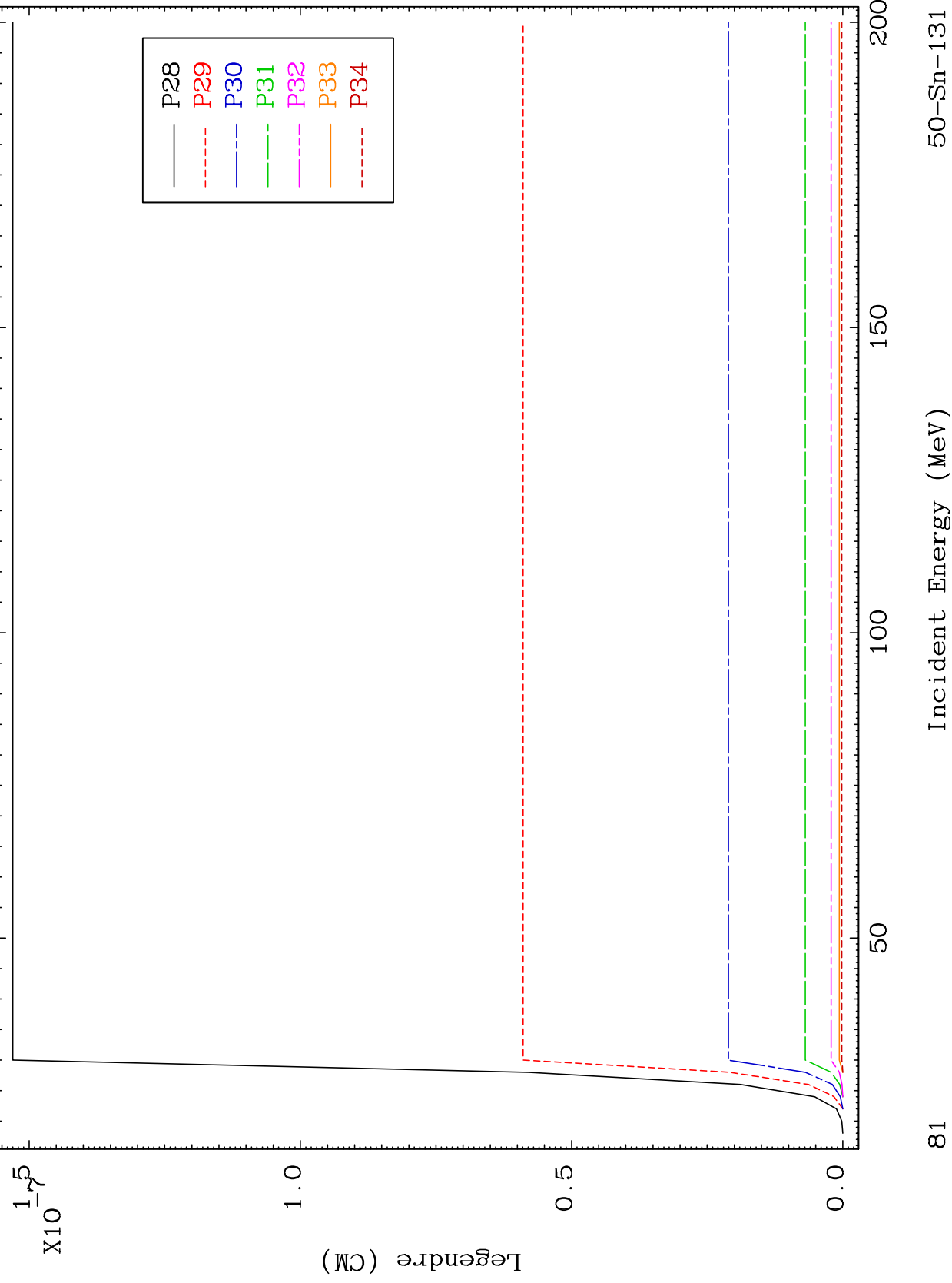
50-Sn-131



MAT 5082

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

50-Sn-131

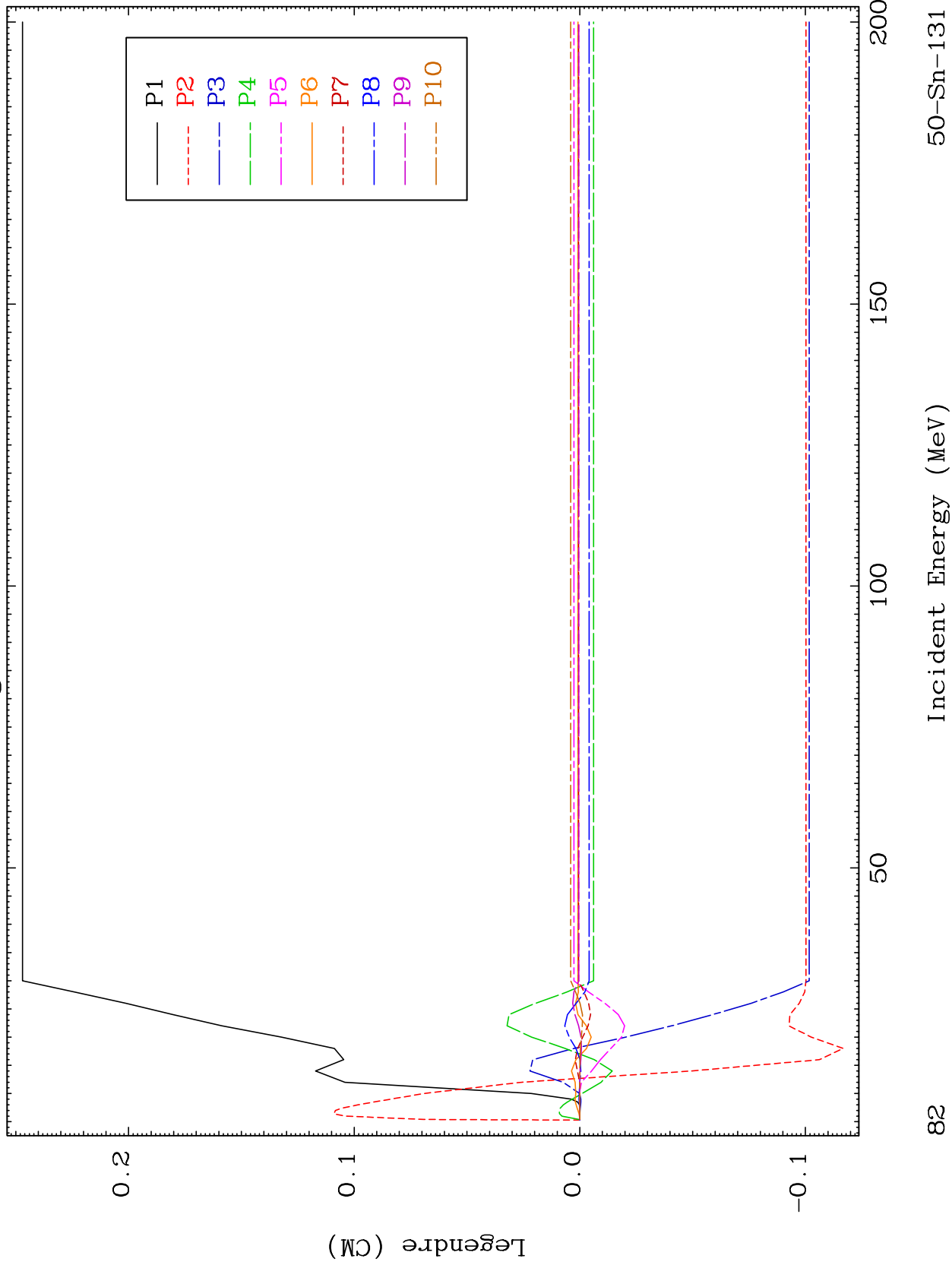


81

MAT 5082

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

50-Sn-131



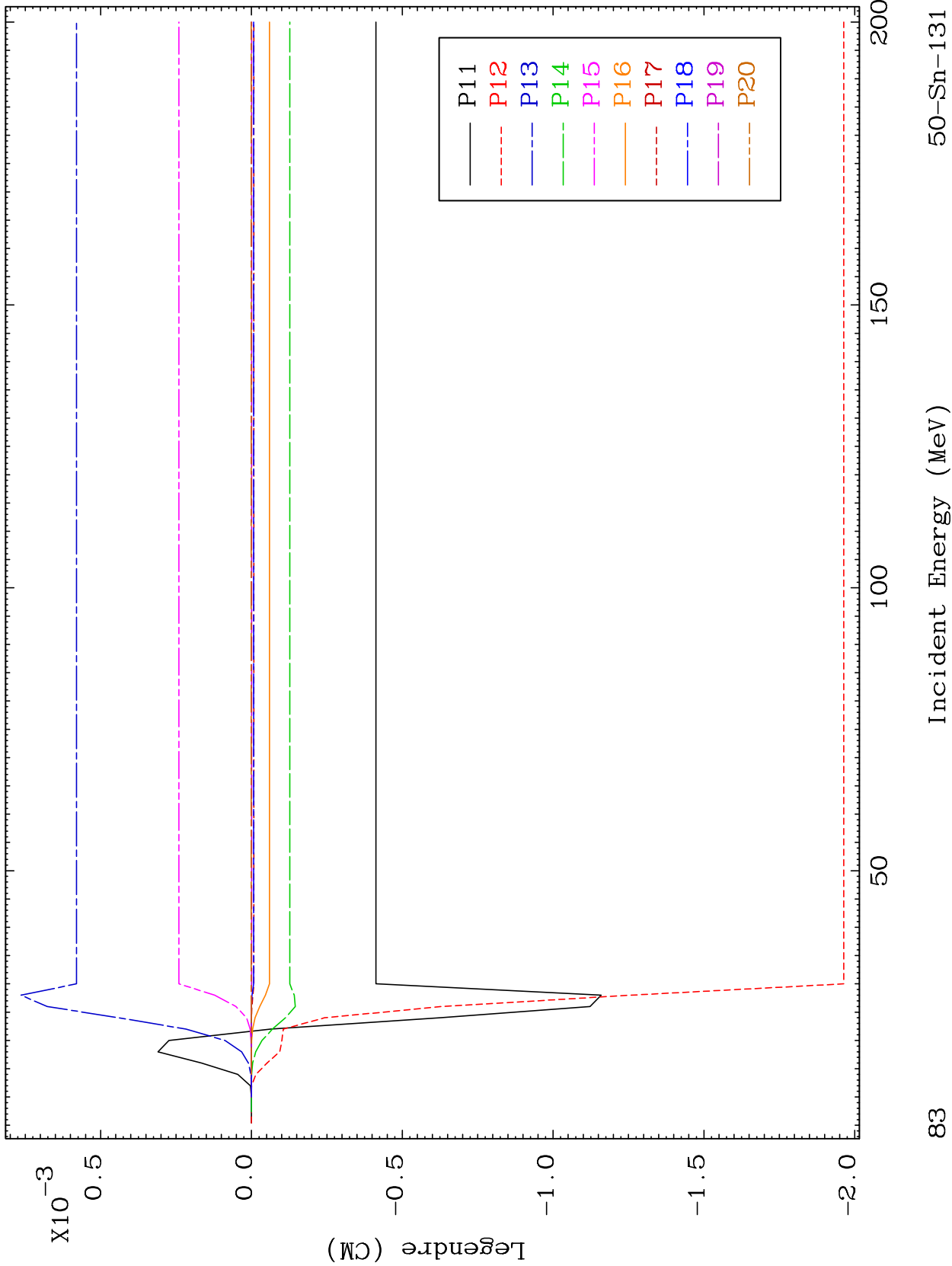
82

50-Sn-131

MAT 5082

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

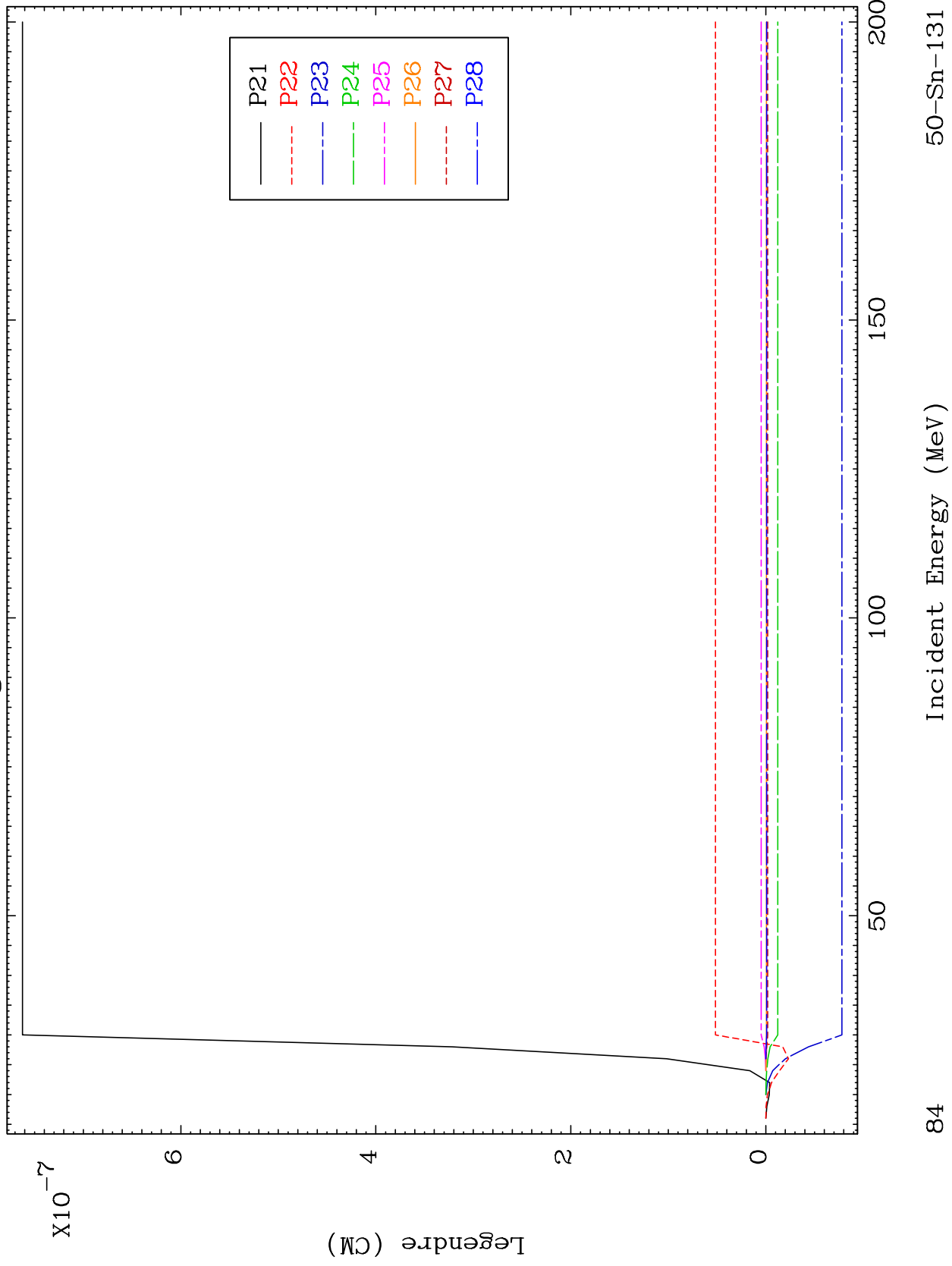
50-Sn-131



MAT 5082

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

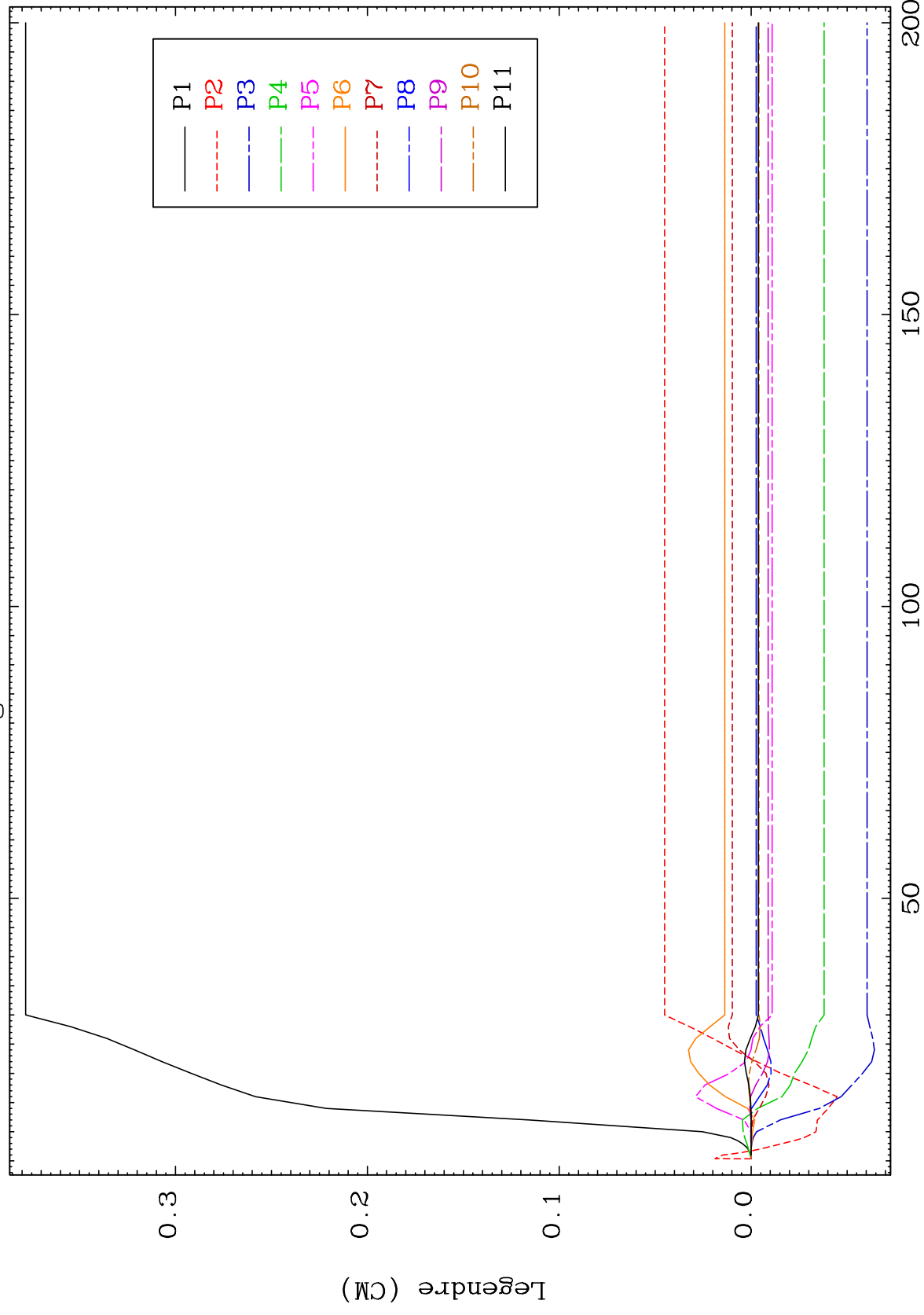
50-Sn-131



MAT 5082

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

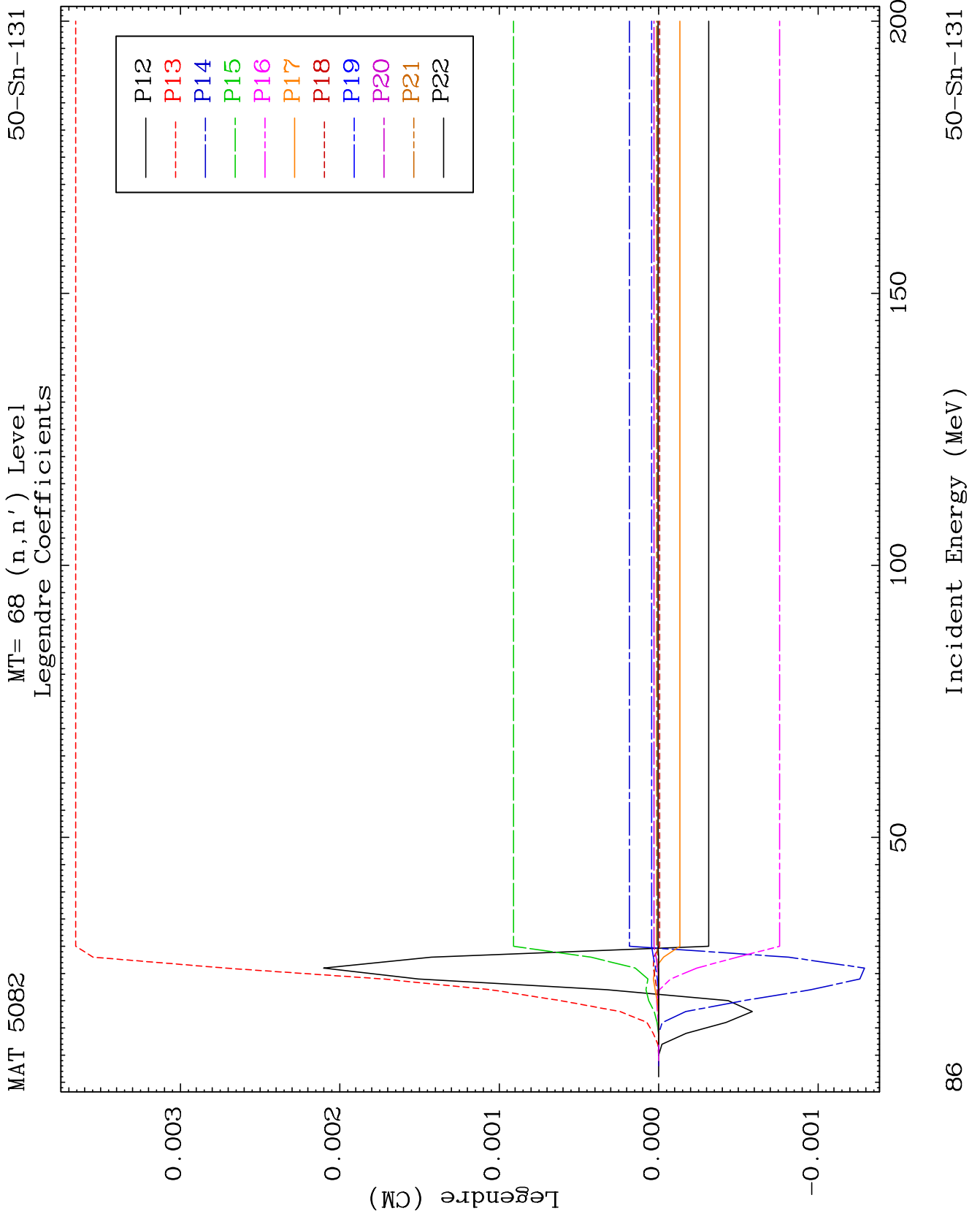
50-Sn-131



85

Incident Energy (MeV)

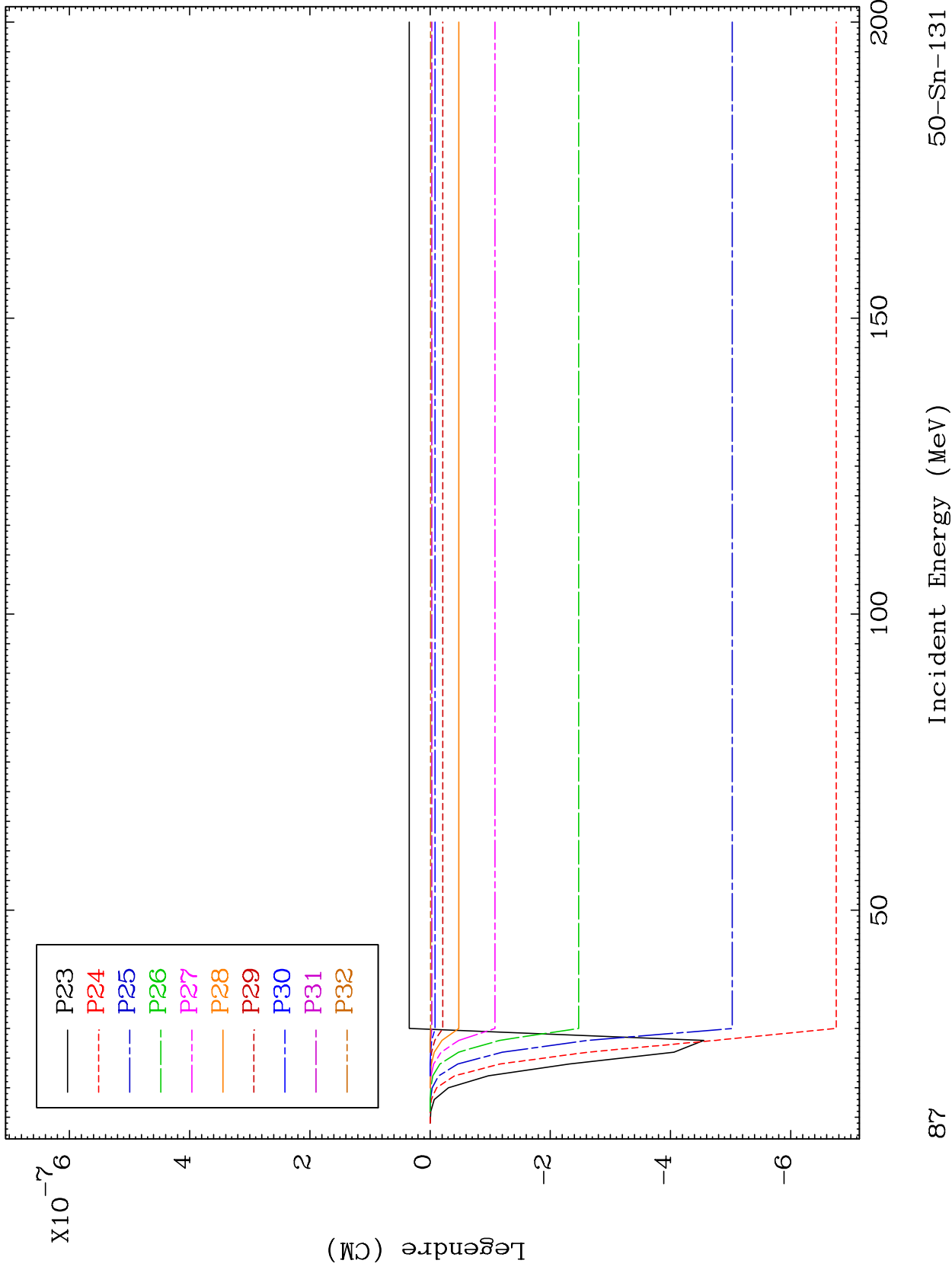
50-Sn-131



MAT 5082

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

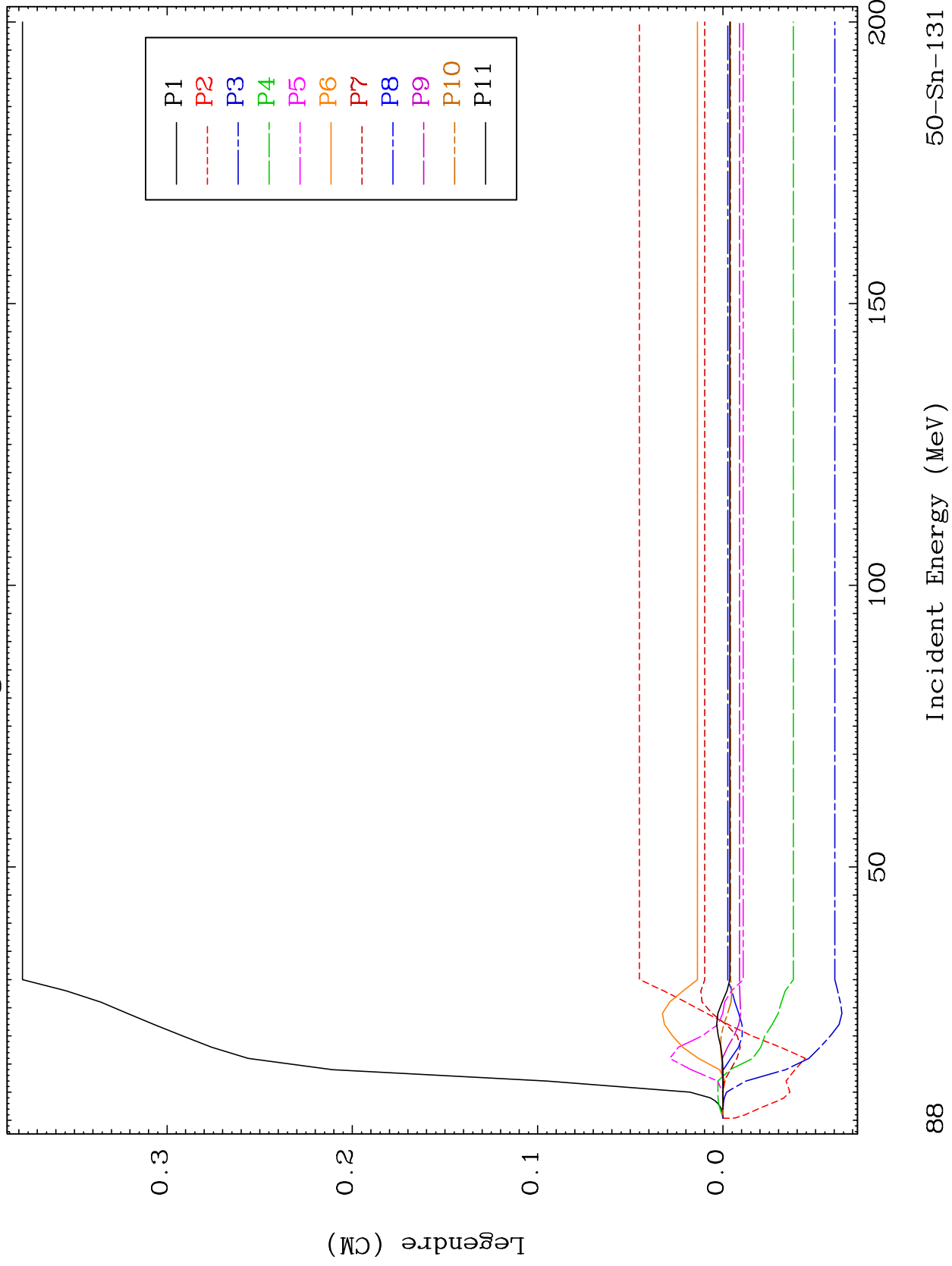
50-Sn-131



MAT 5082

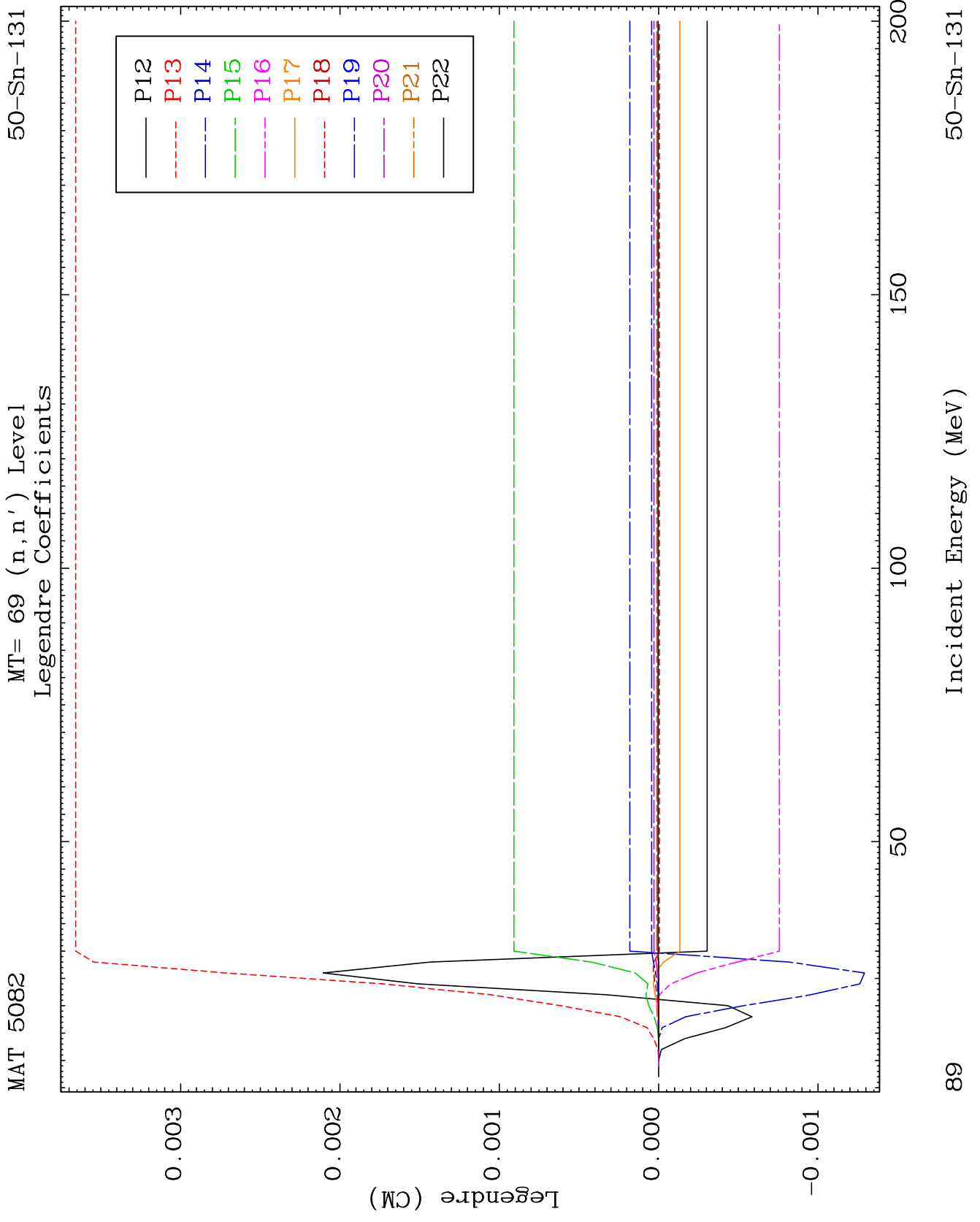
MT= 69 (n,n') Level
Legendre Coefficients

50-Sn-131



88

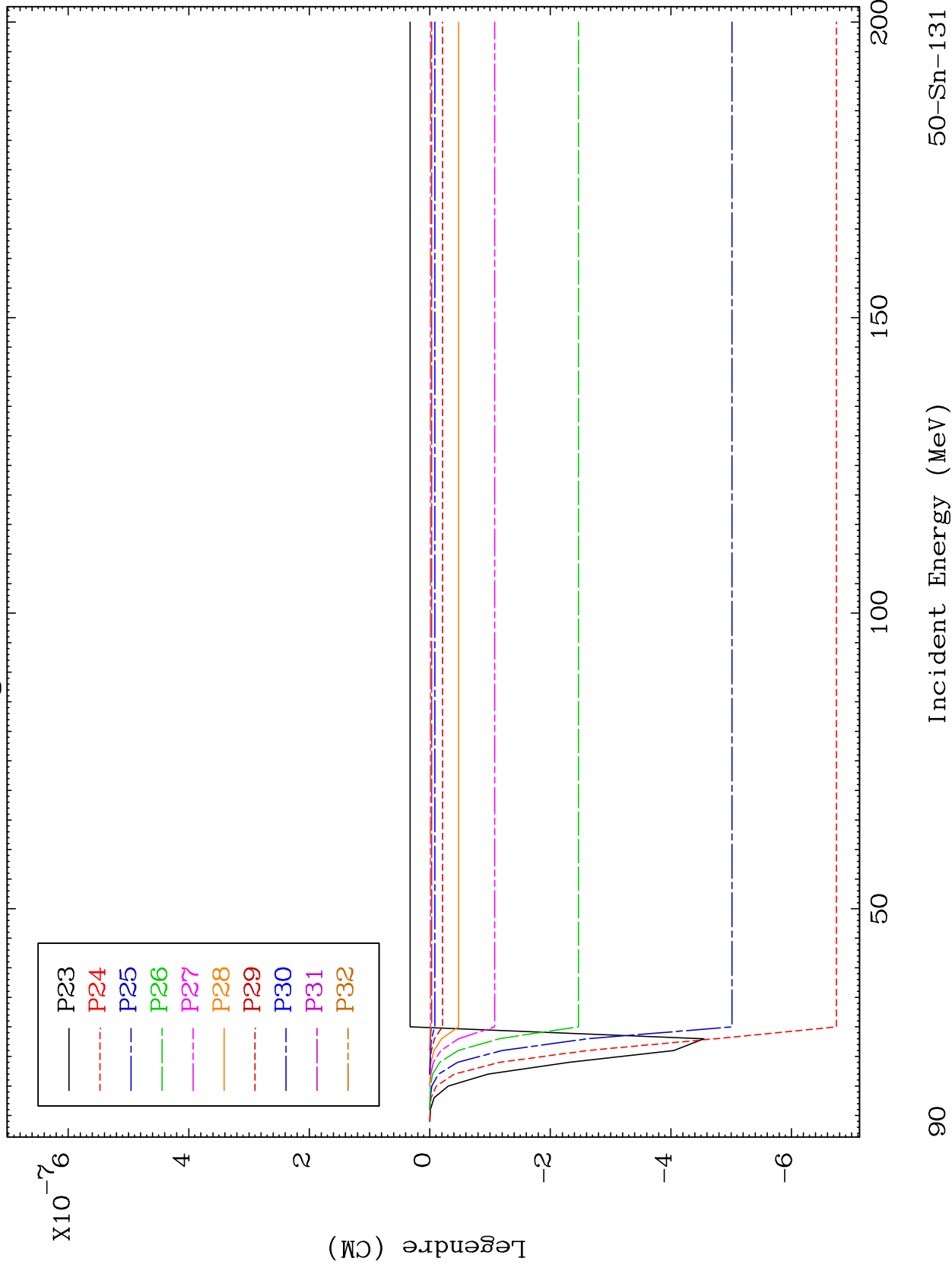
50-Sn-131



MAT 5082

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

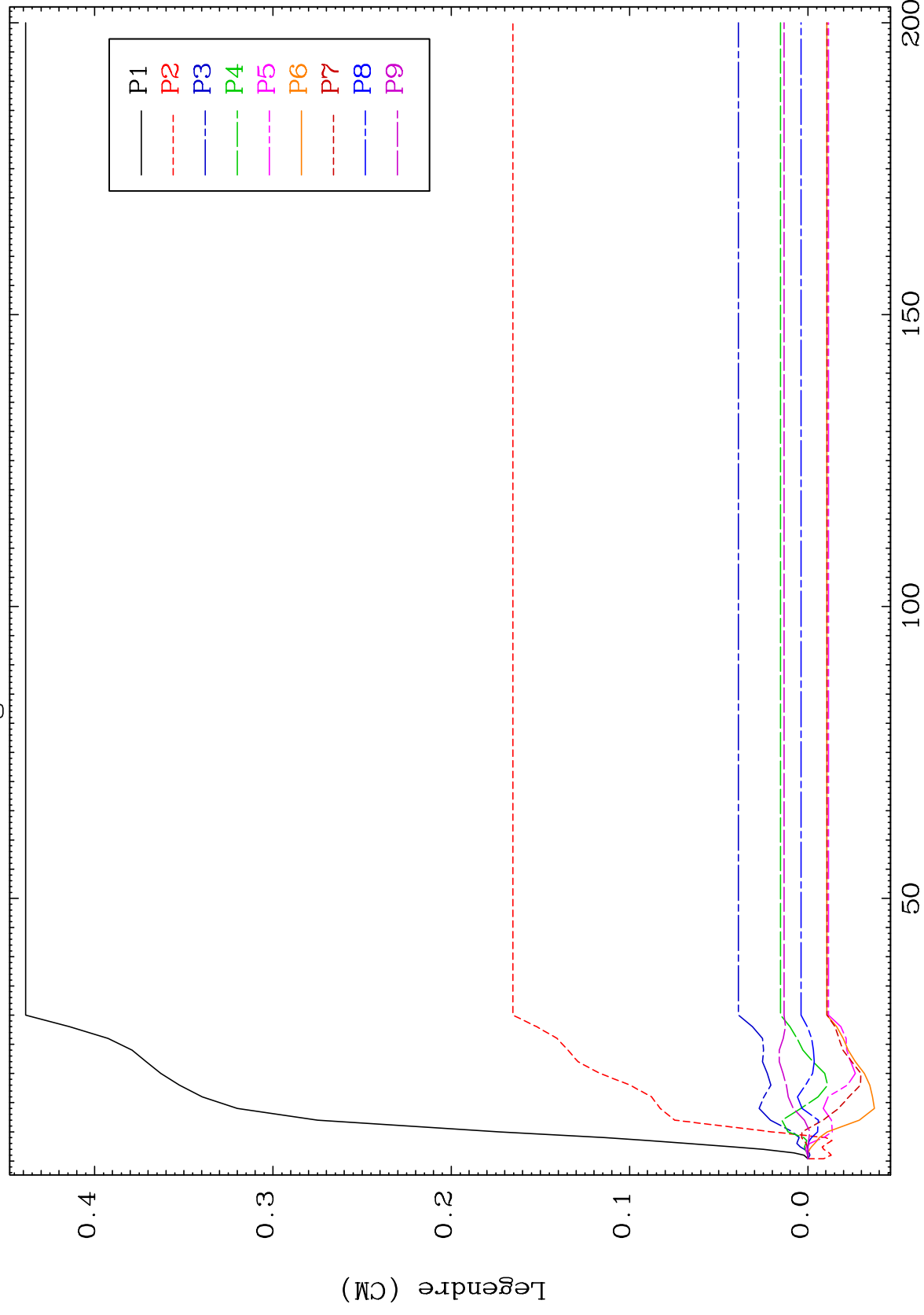
50-Sn-131



MAT 5082

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

50-Sn-131



91

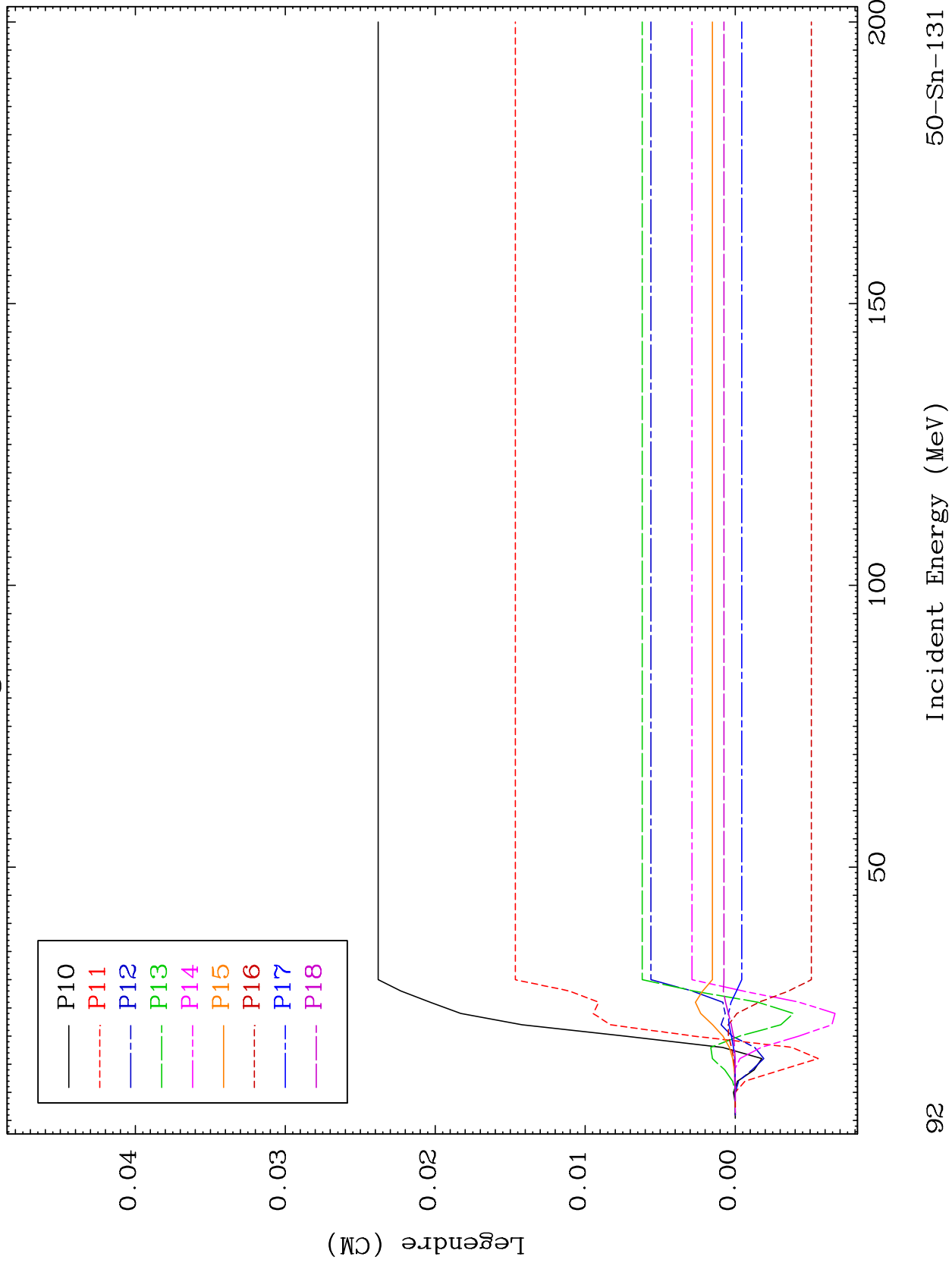
50-Sn-131

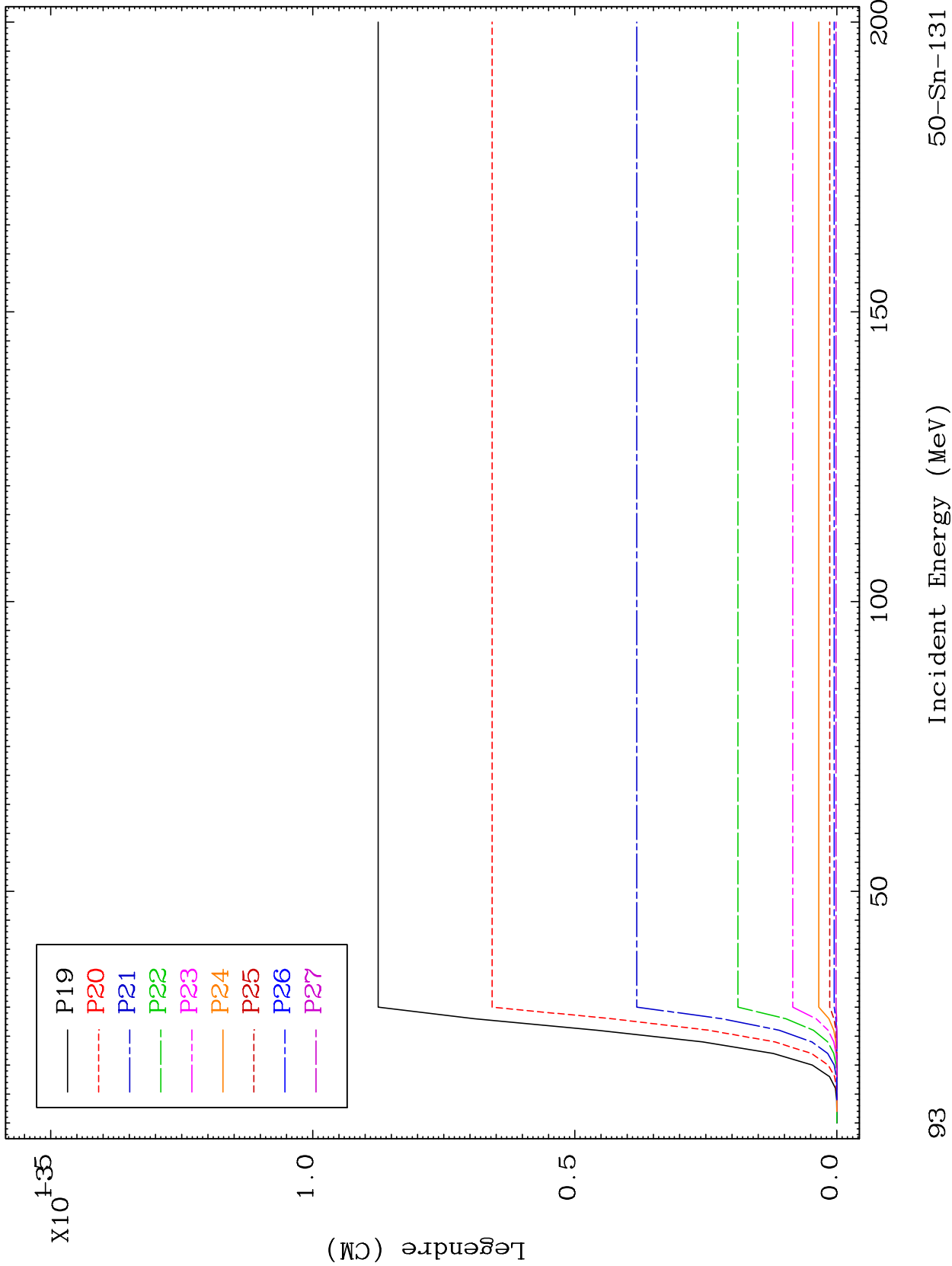
Incident Energy (MeV)

MAT 5082

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

50-Sn-131

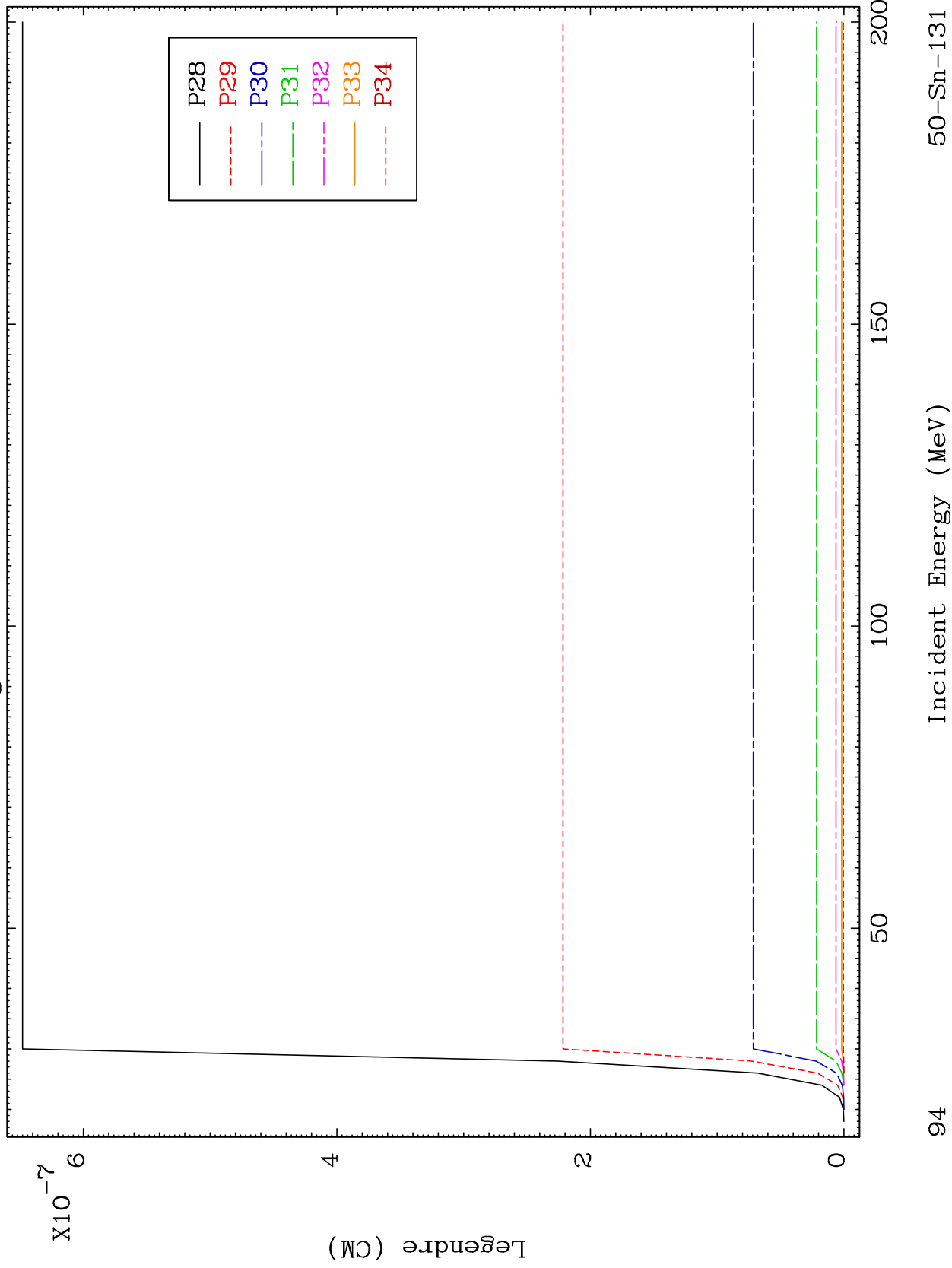




MAT 5082

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

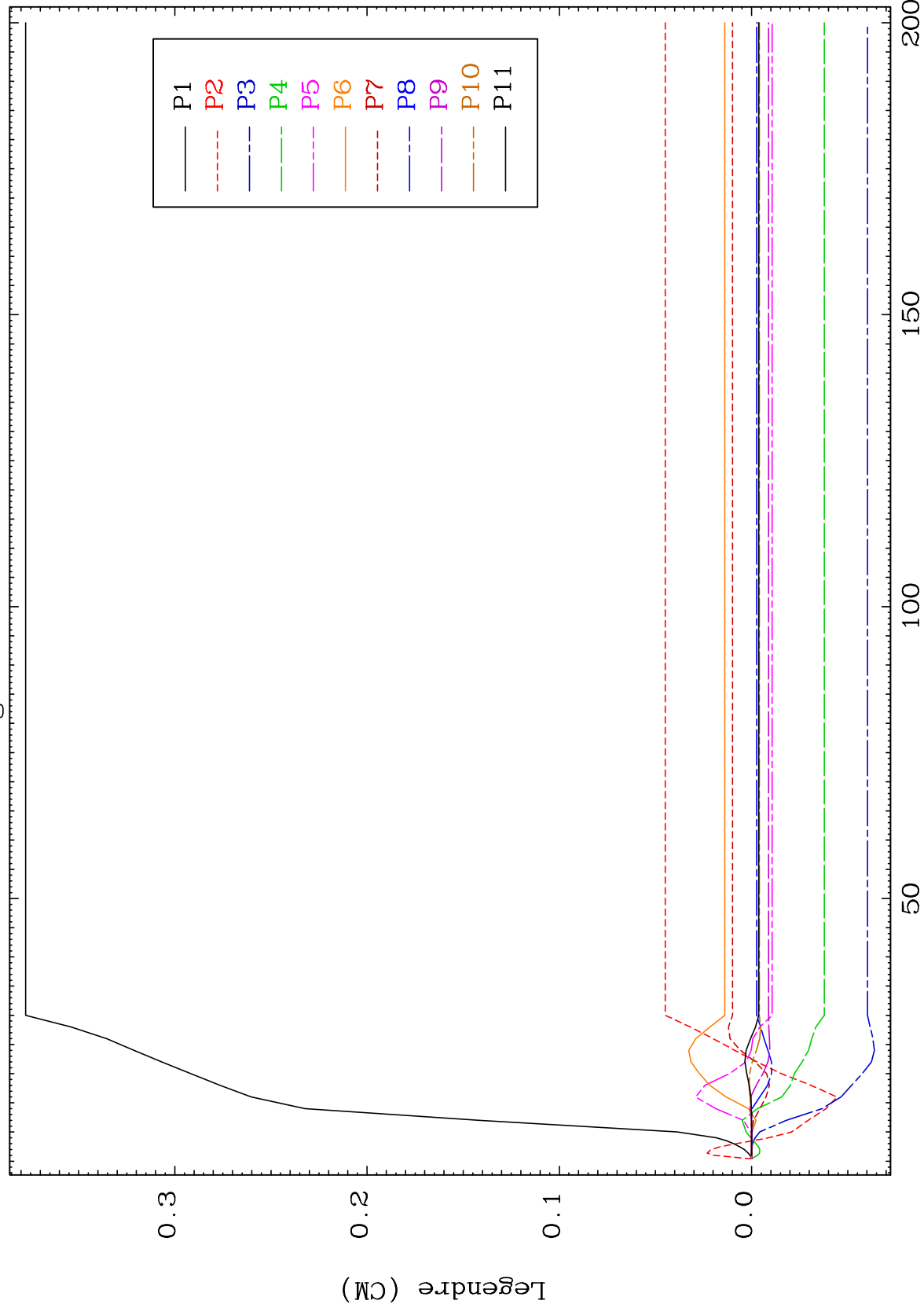
50-Sn-131



MAT 5082

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

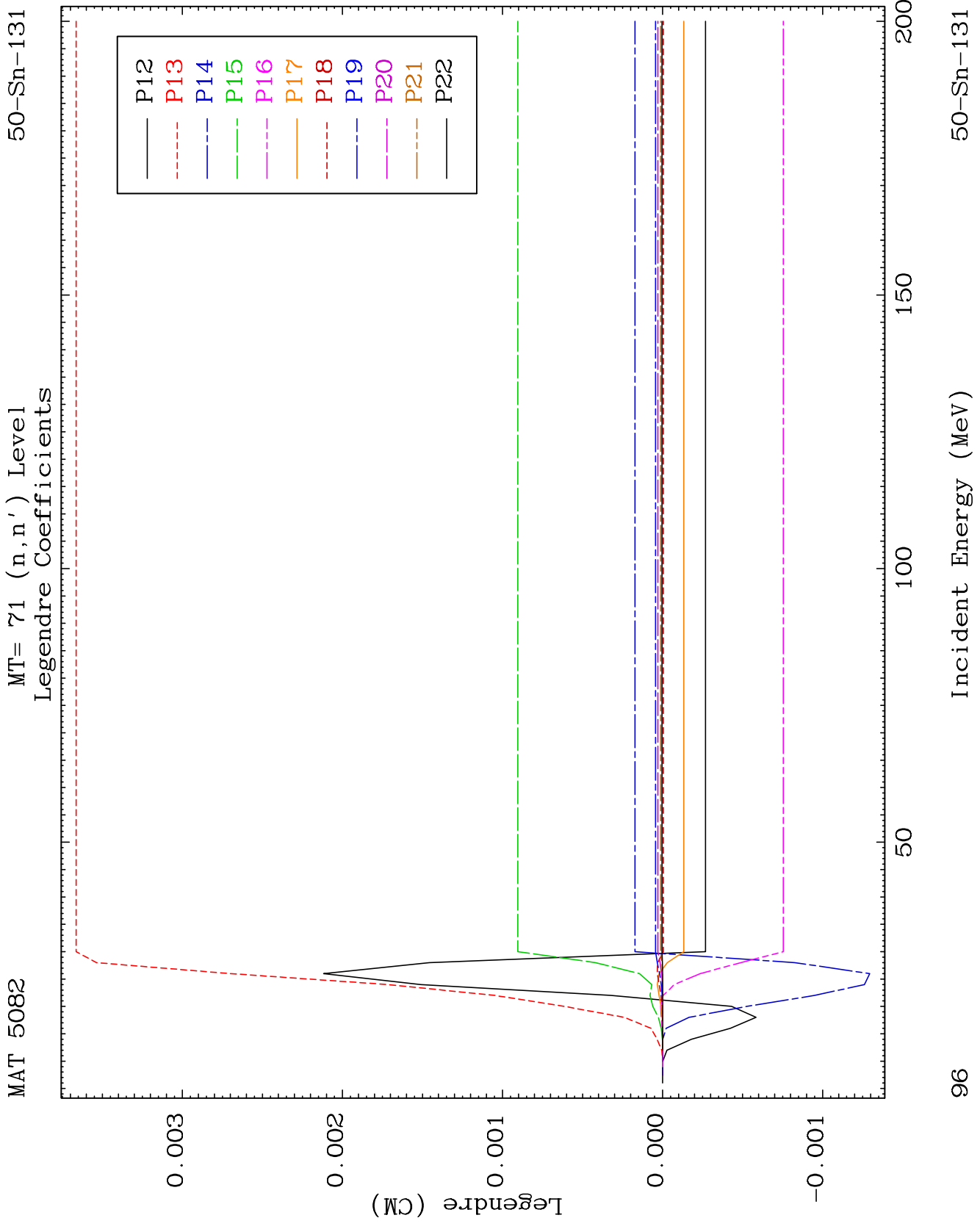
50-Sn-131



95

Incident Energy (MeV)

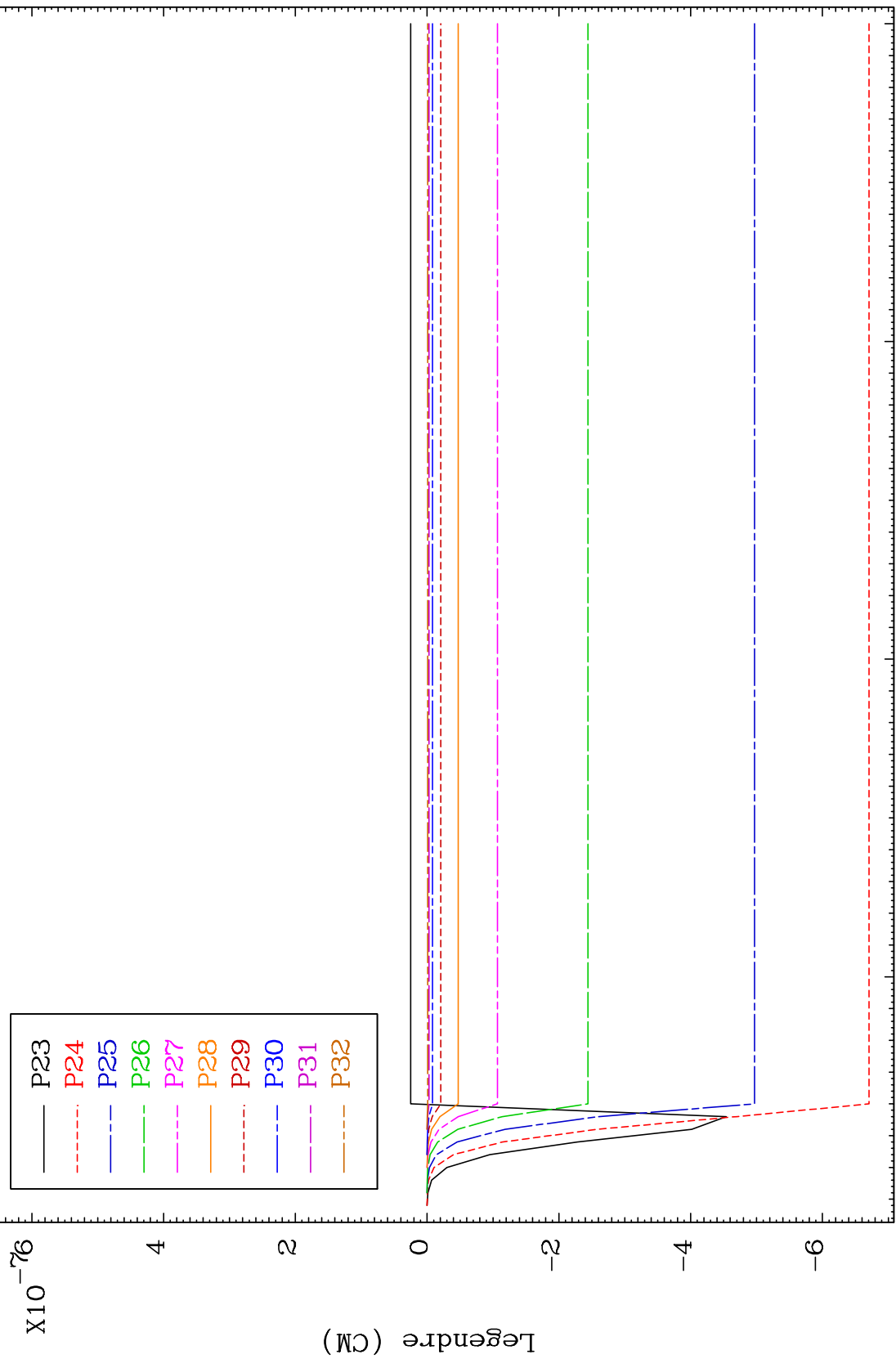
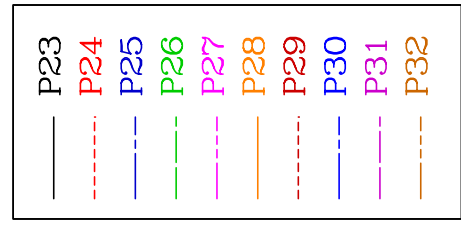
50-Sn-131



MAT 5082

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

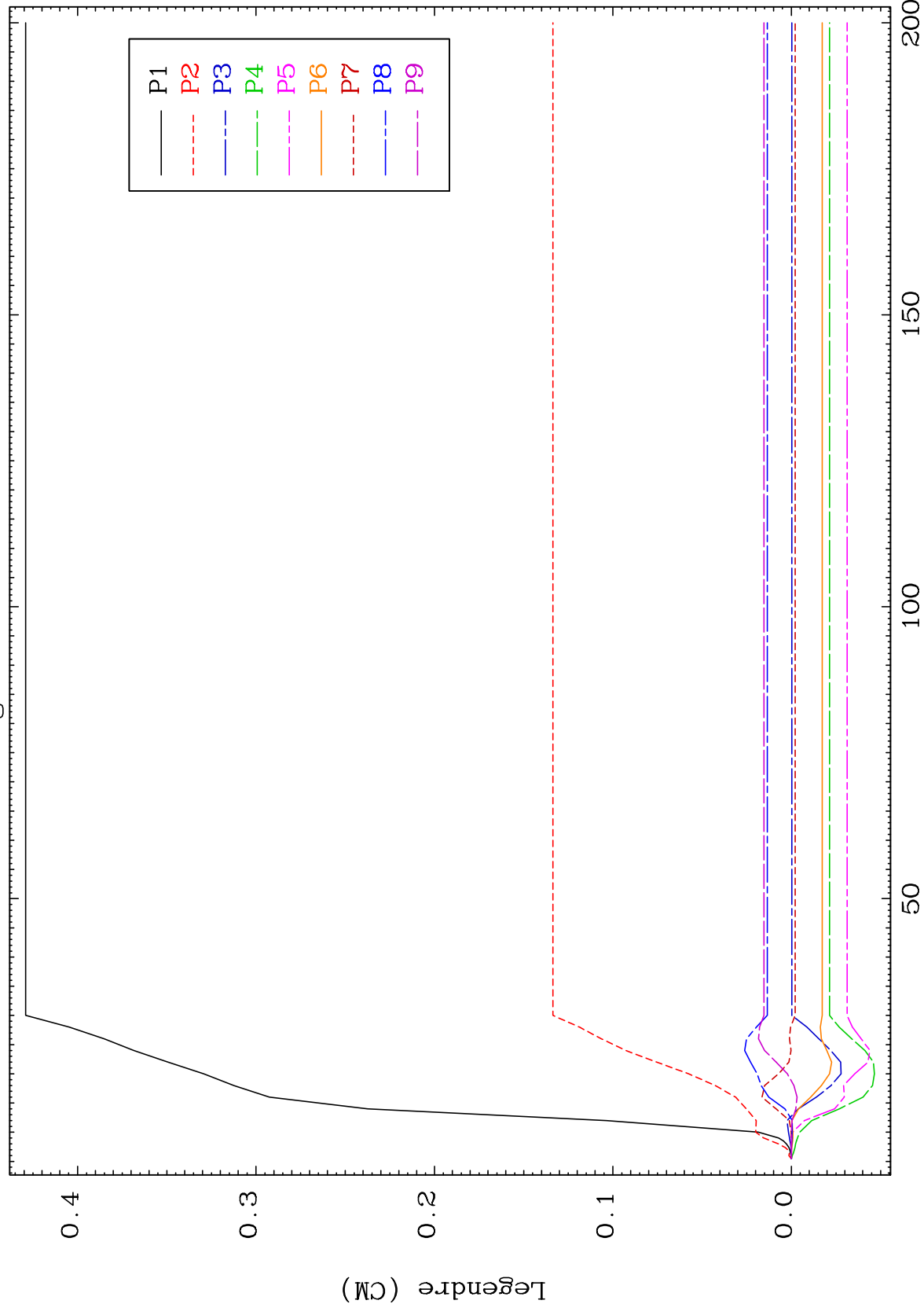
50-Sn-131



MAT 5082

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

50-Sn-131



98

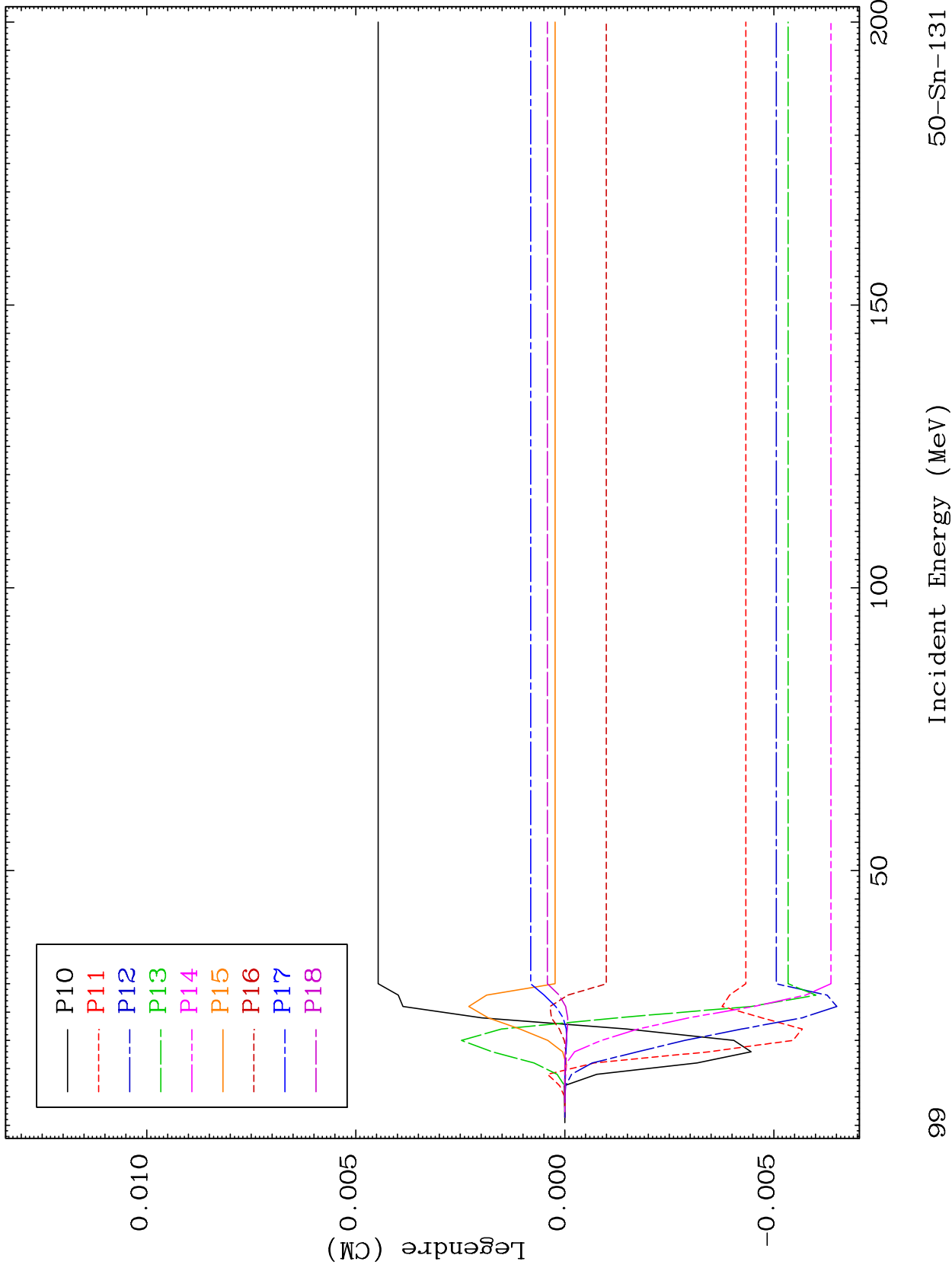
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

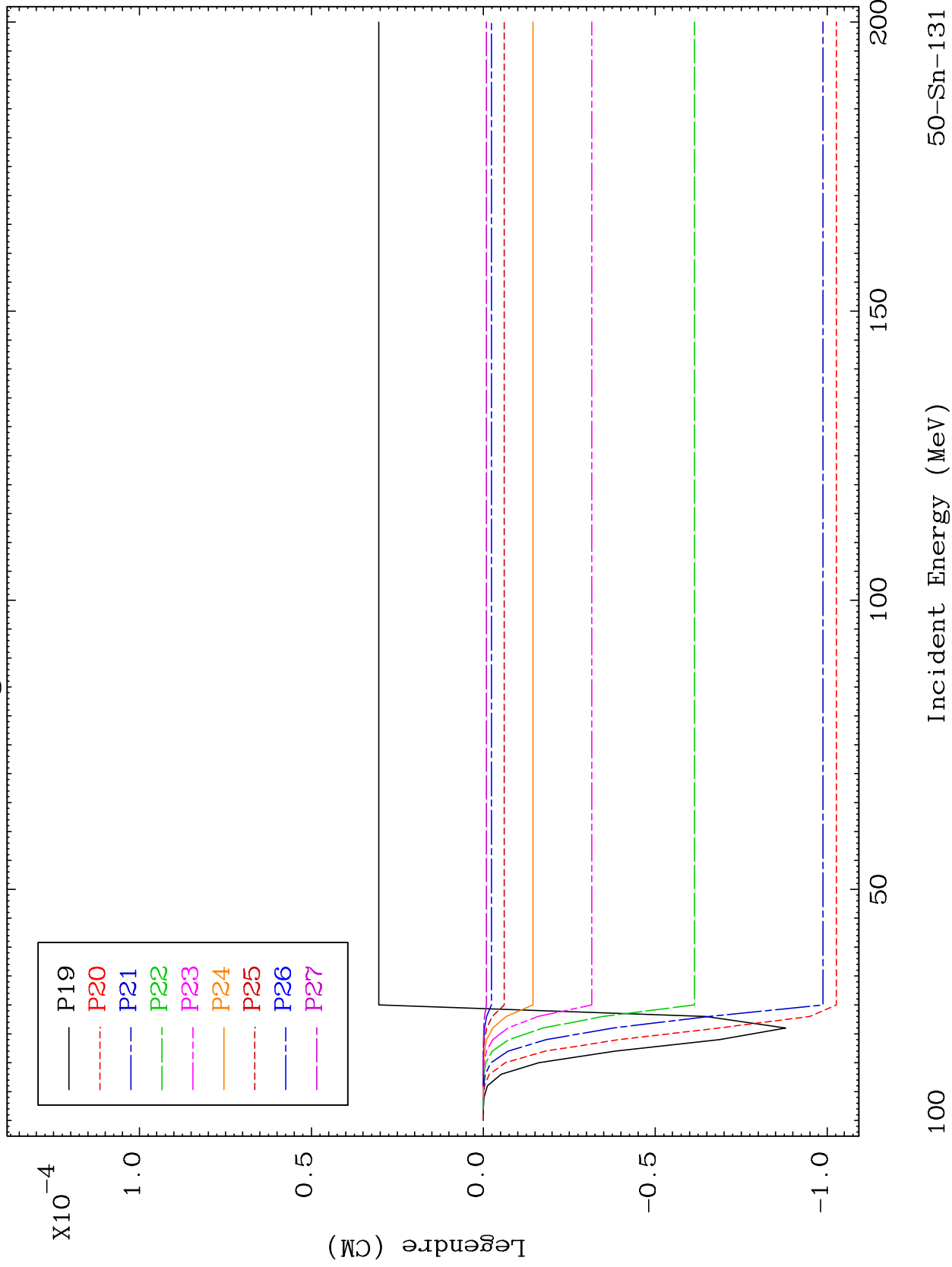
MT= 72 (n,n') Level
Legendre Coefficients

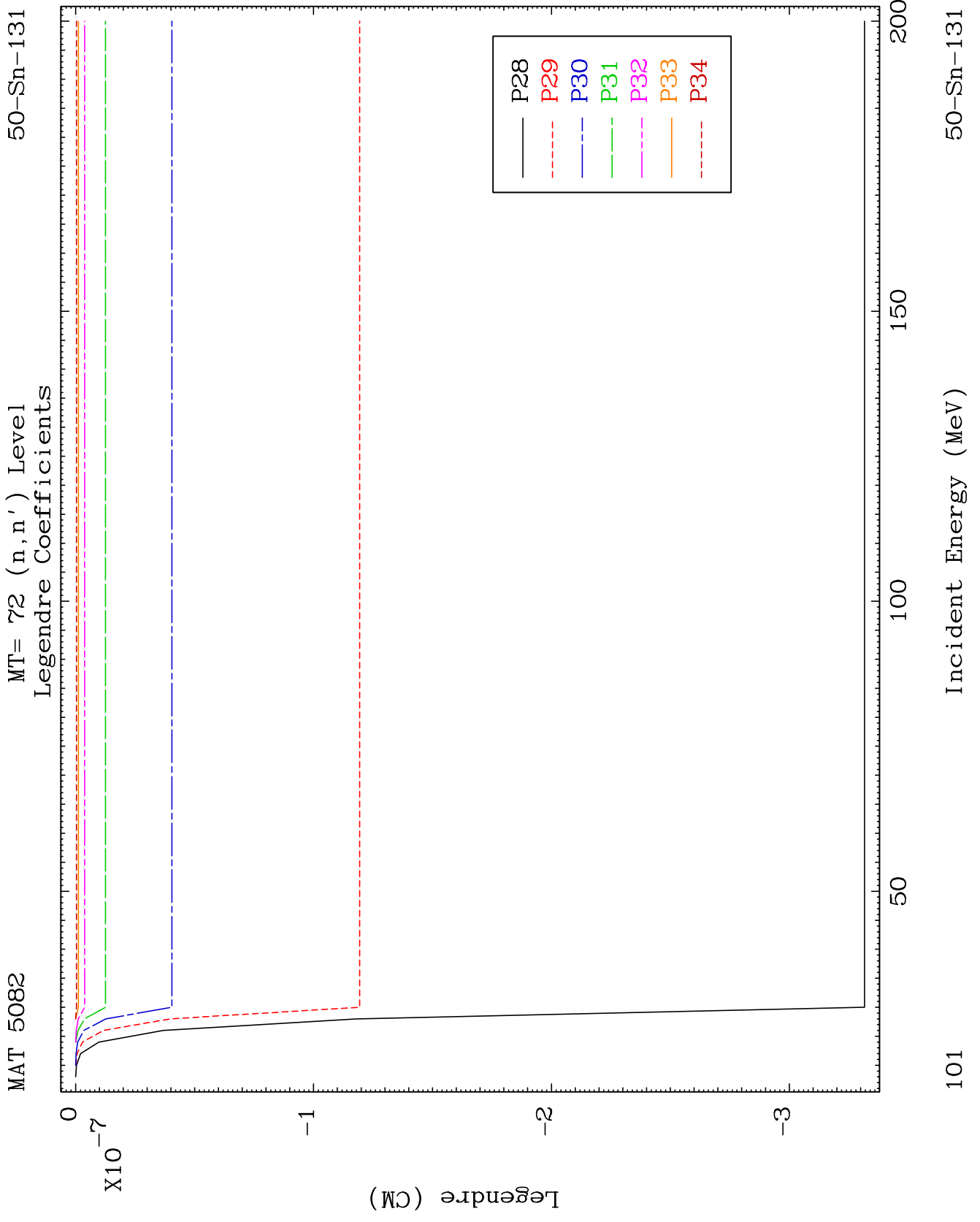


MAT 5082

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

50-Sn-131

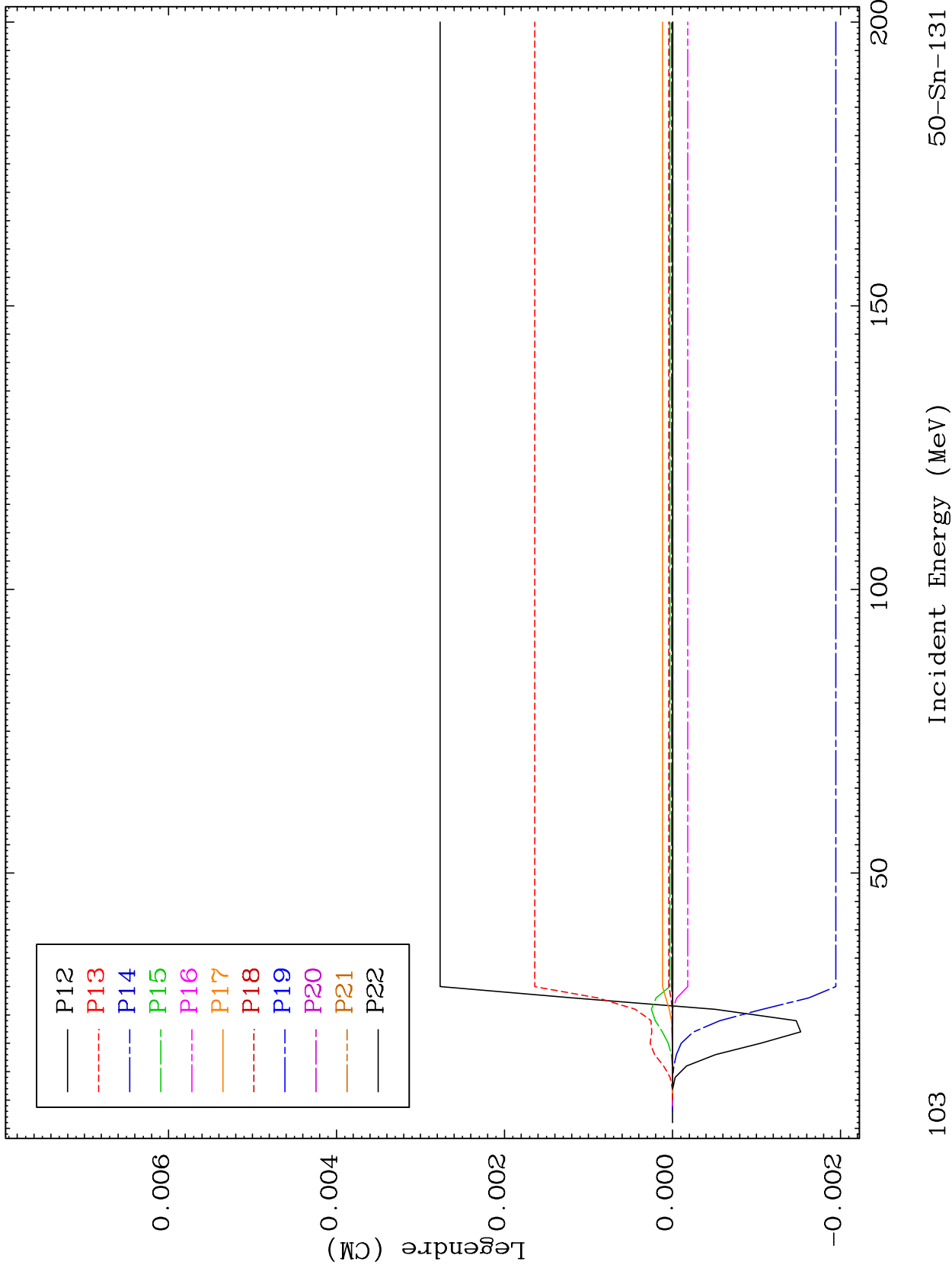




MAT 5082

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

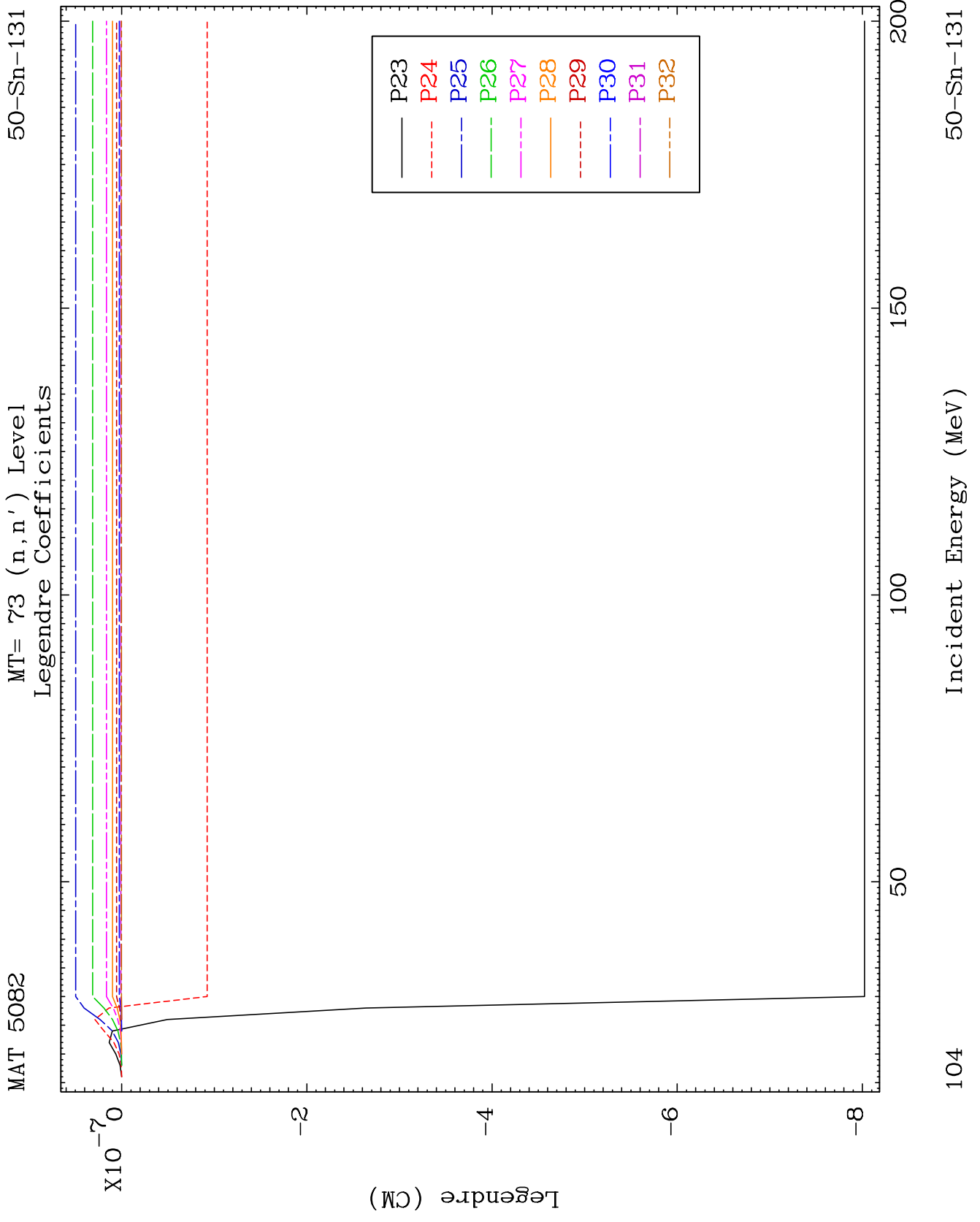
50-Sn-131



103

Incident Energy (MeV)

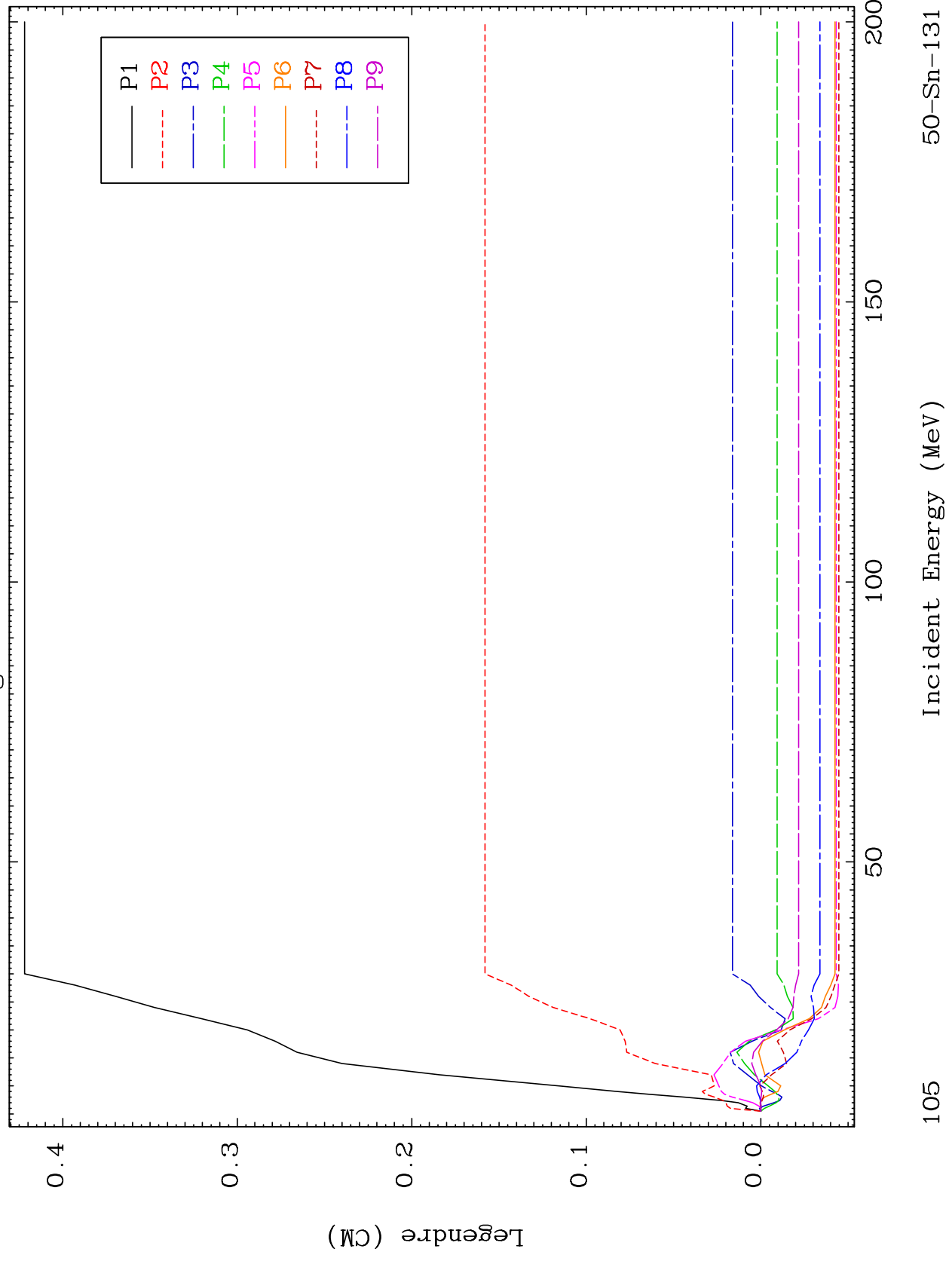
50-Sn-131



MAT 5082

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

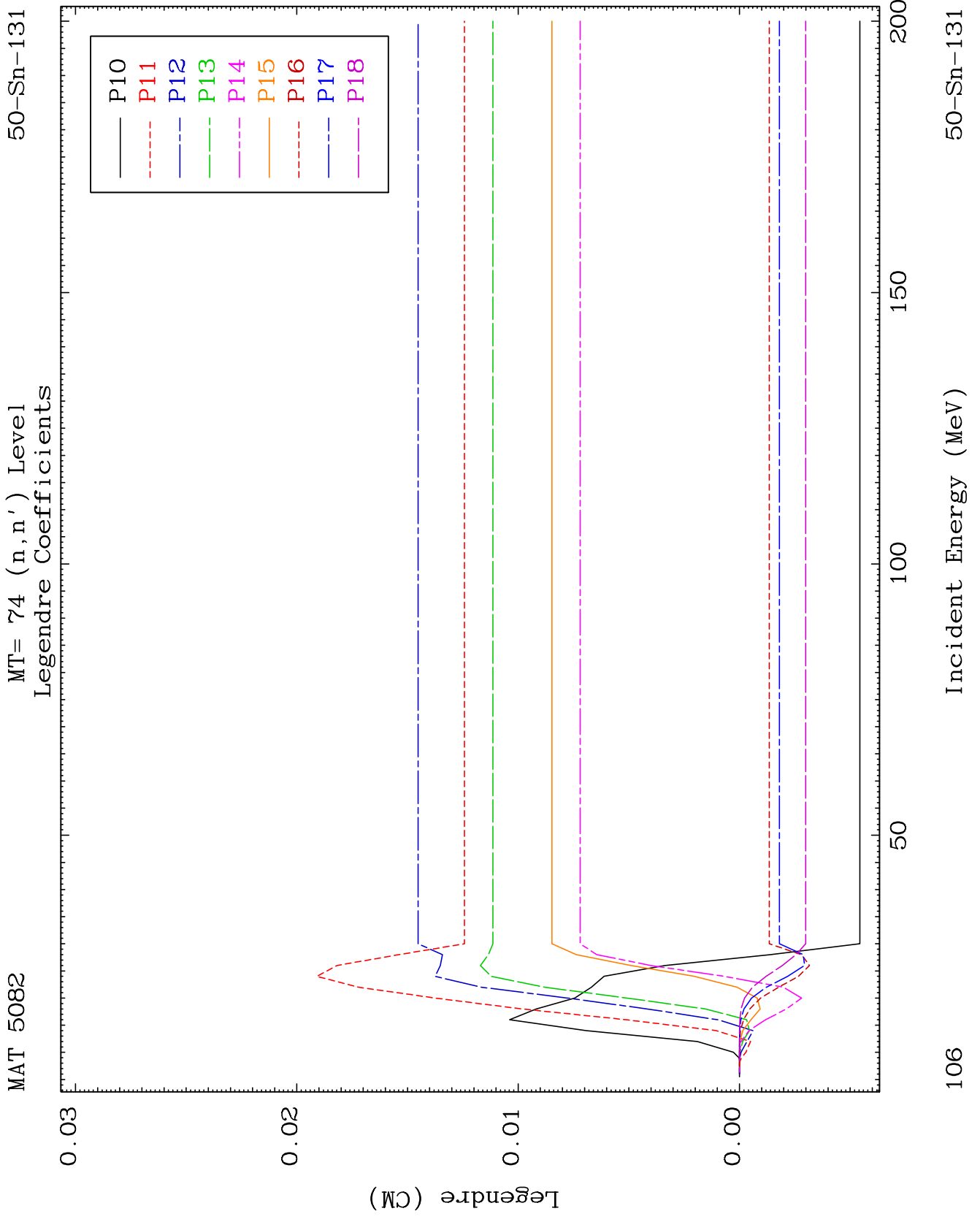
50-Sn-131

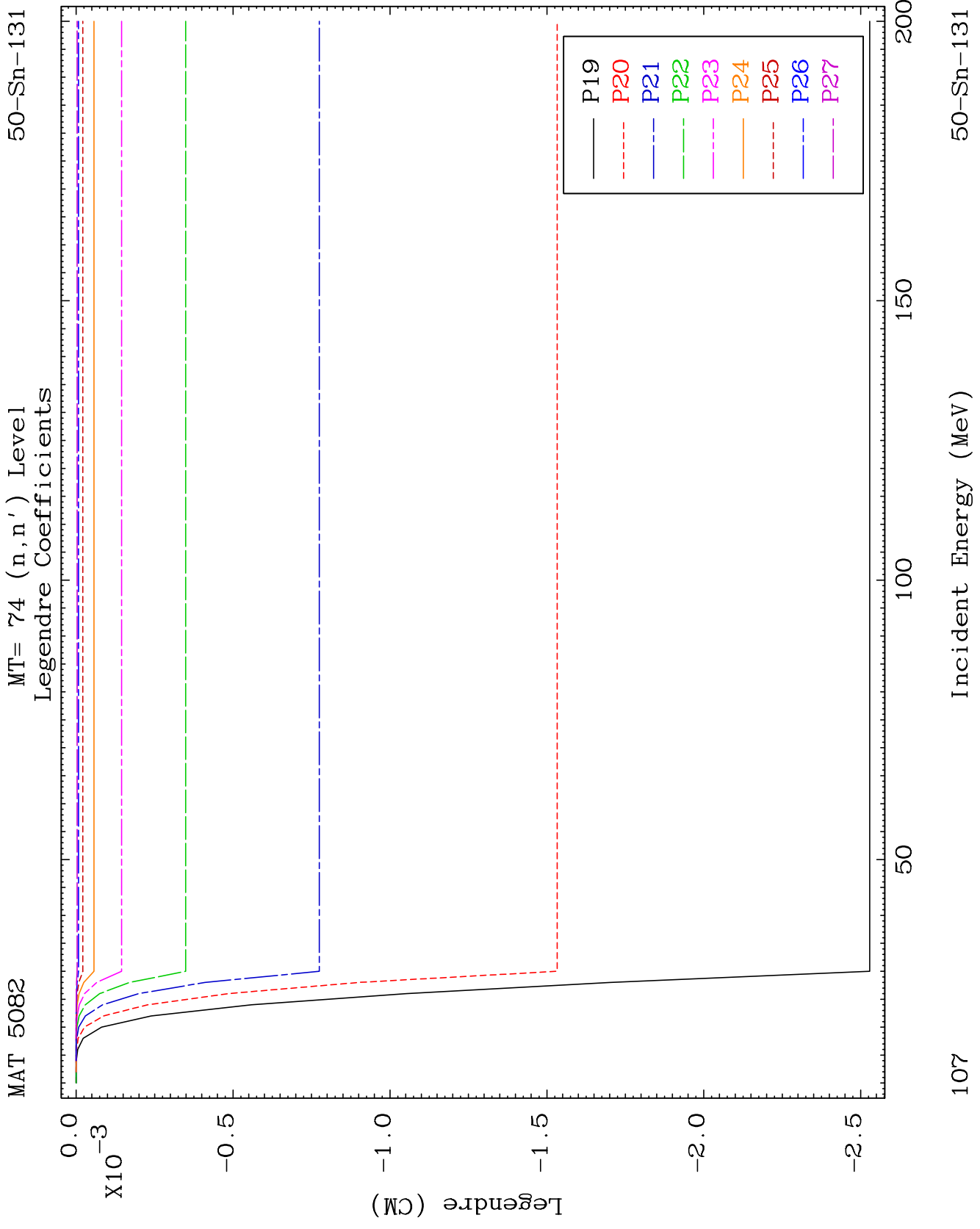


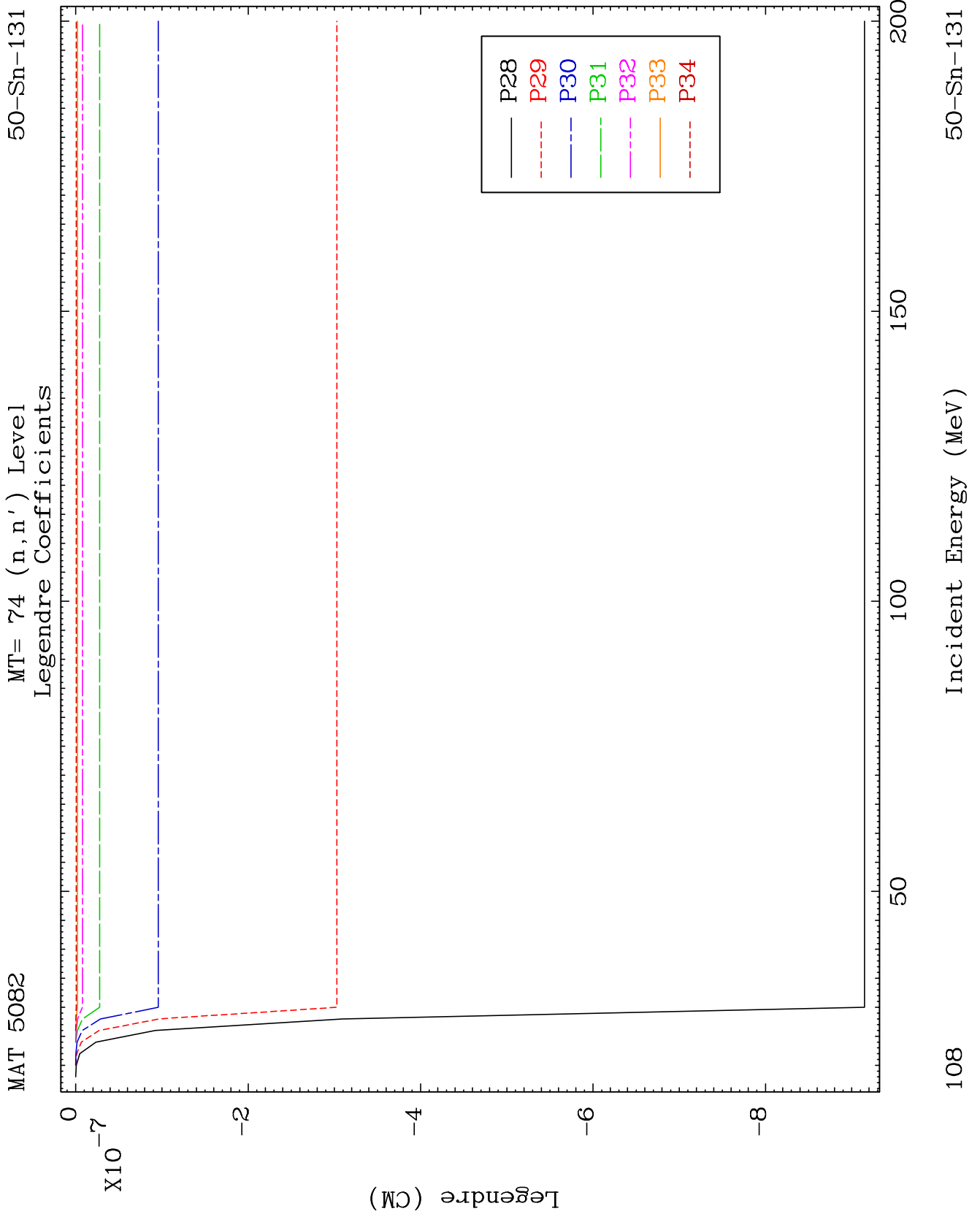
50-Sn-131

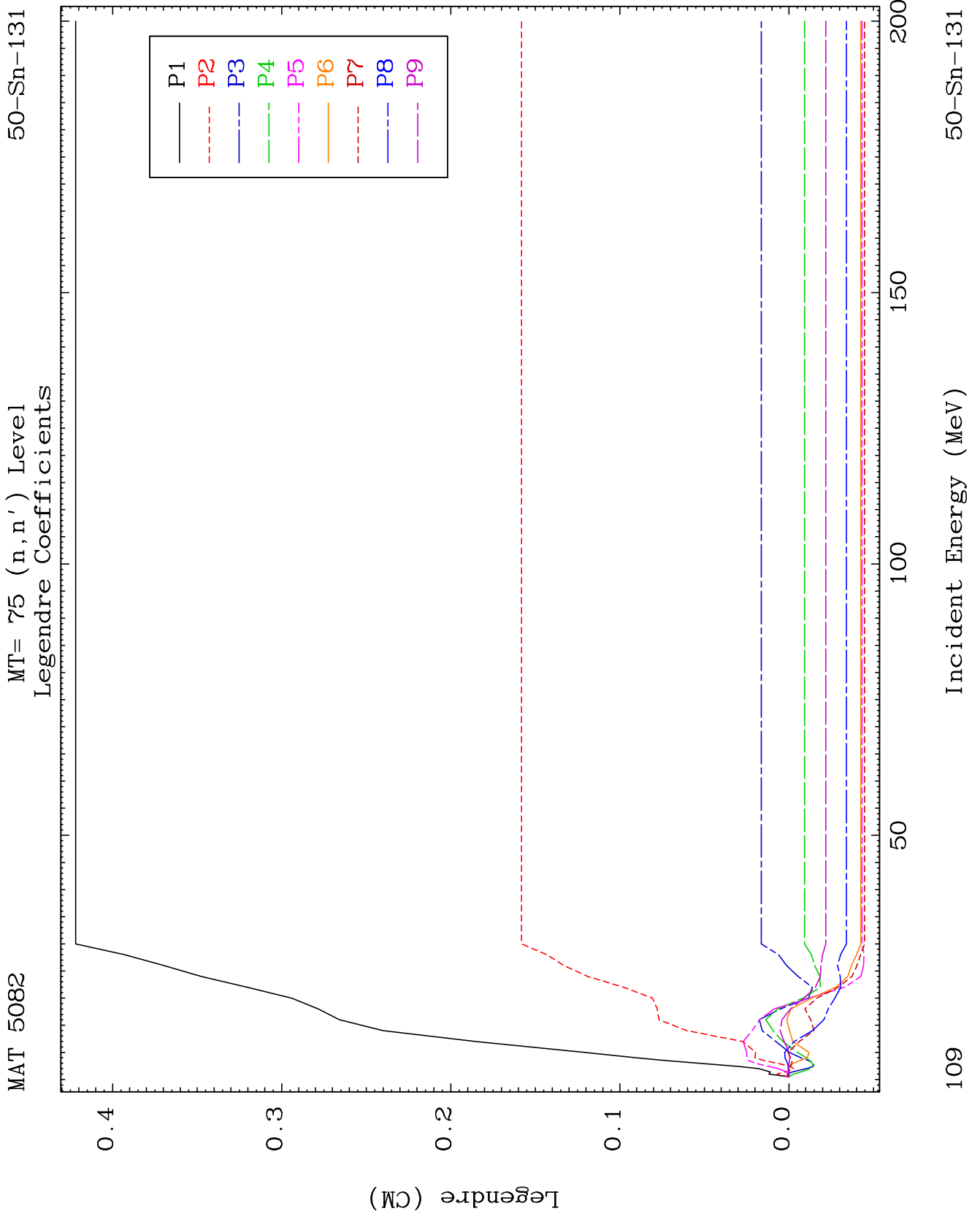
Incident Energy (MeV)

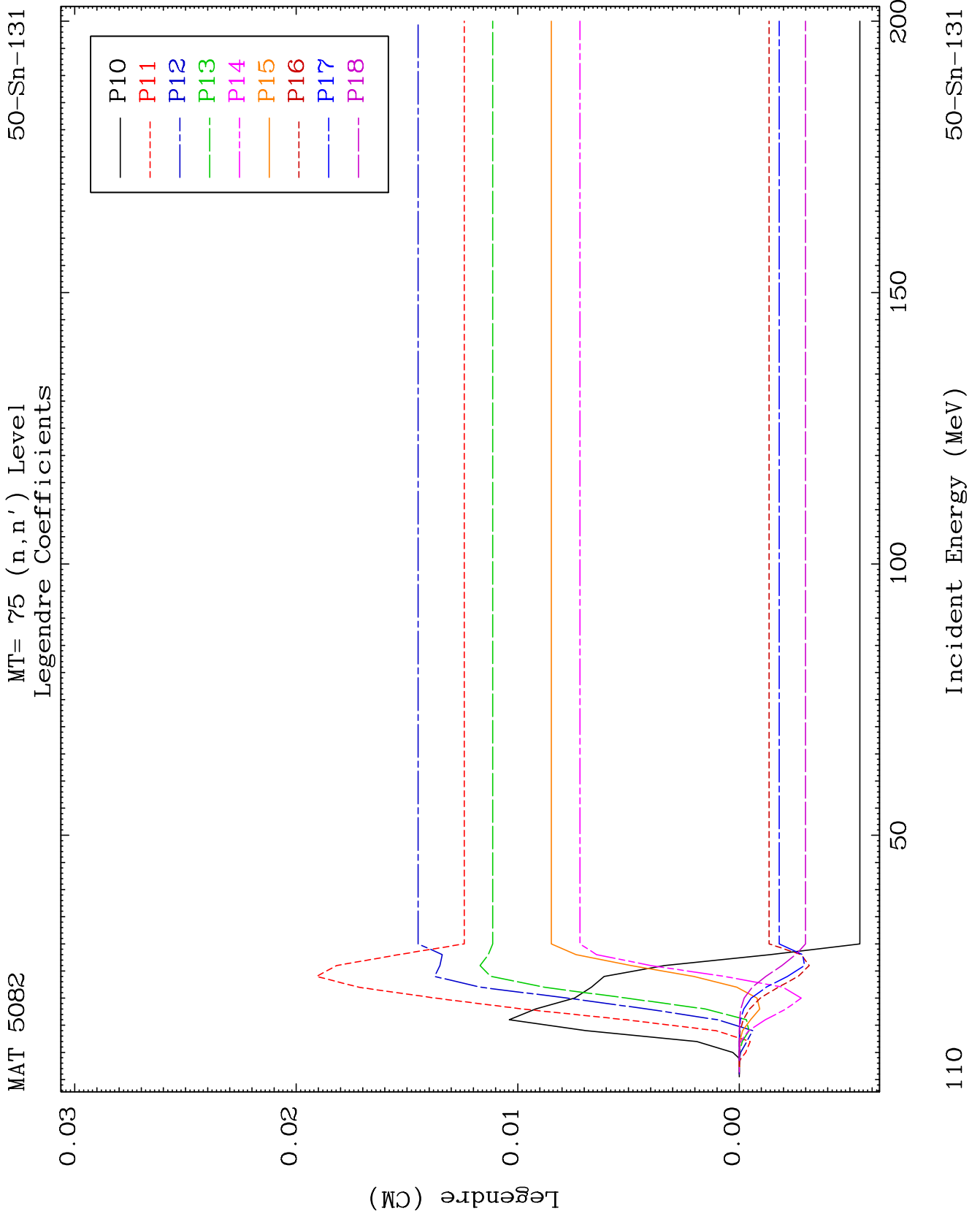
105

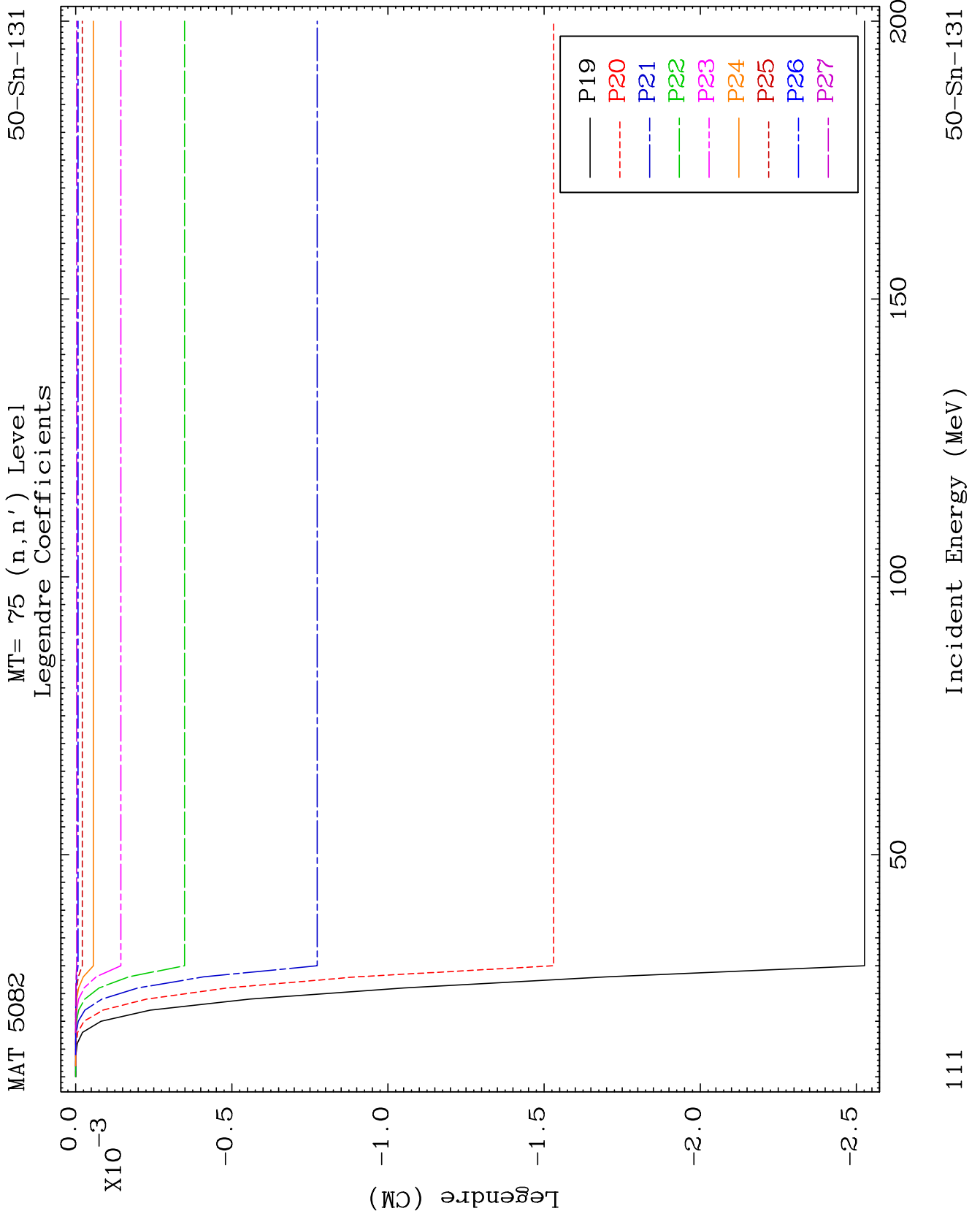


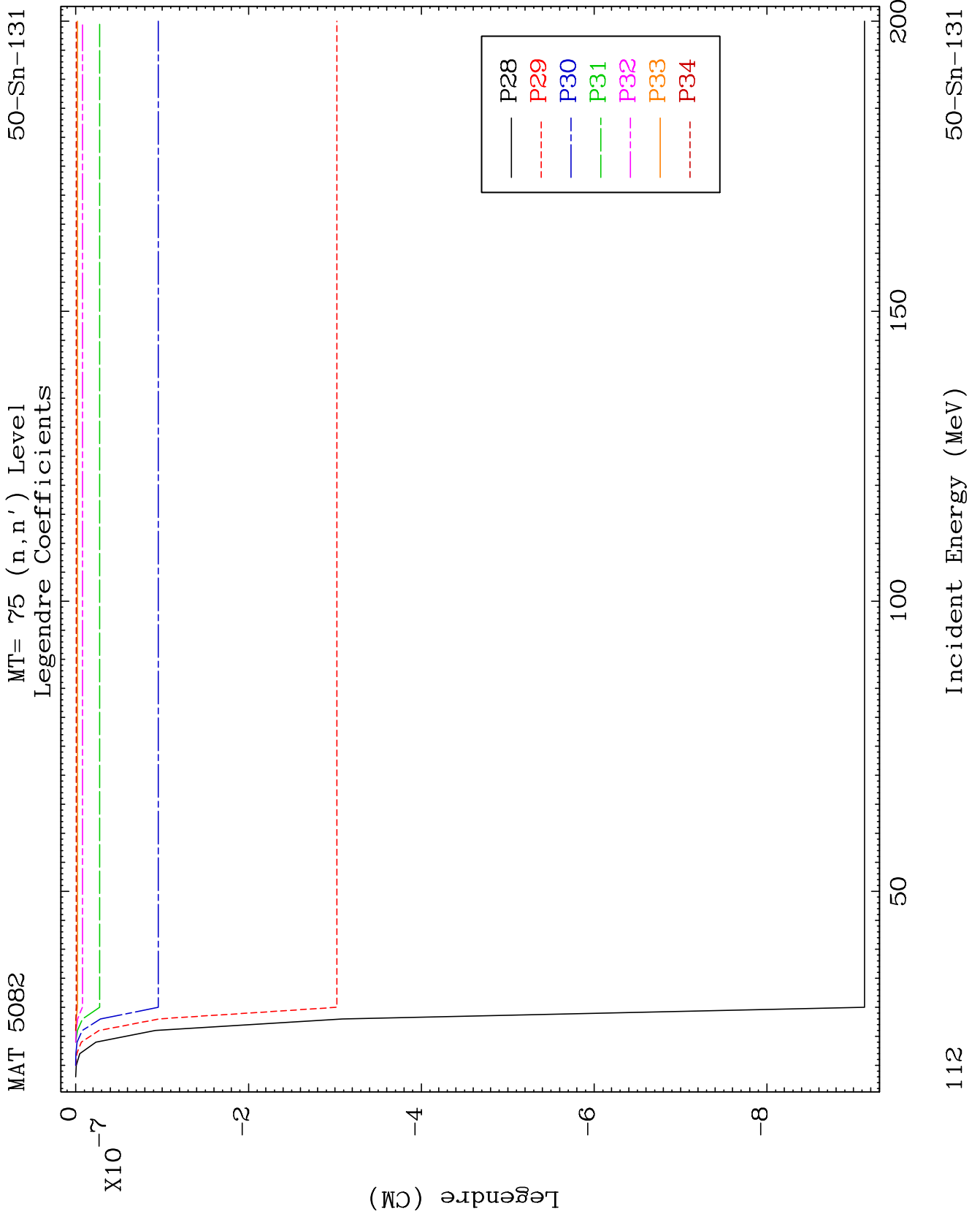








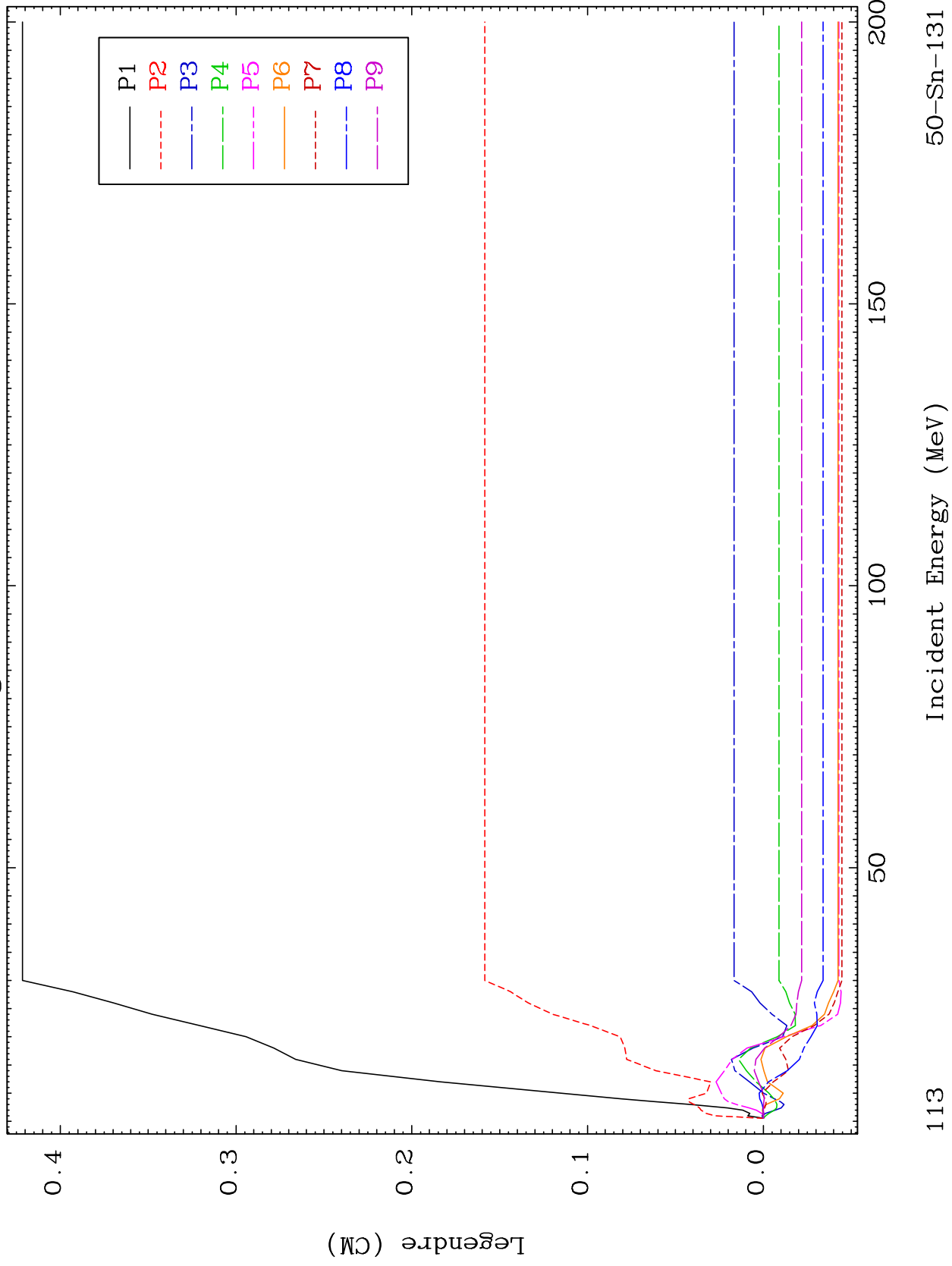




MAT 5082

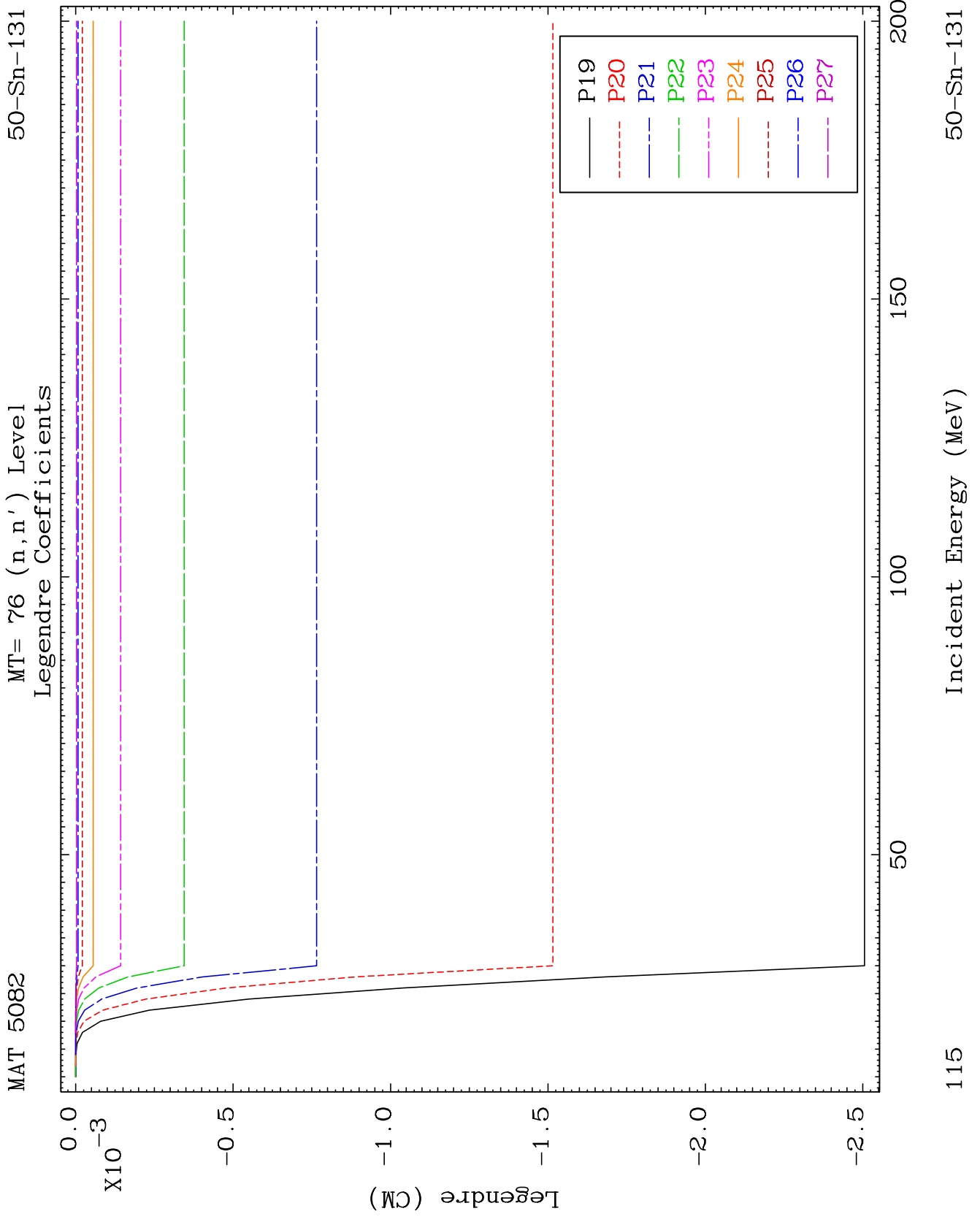
MT= 76 (n,n') Level
Legendre Coefficients

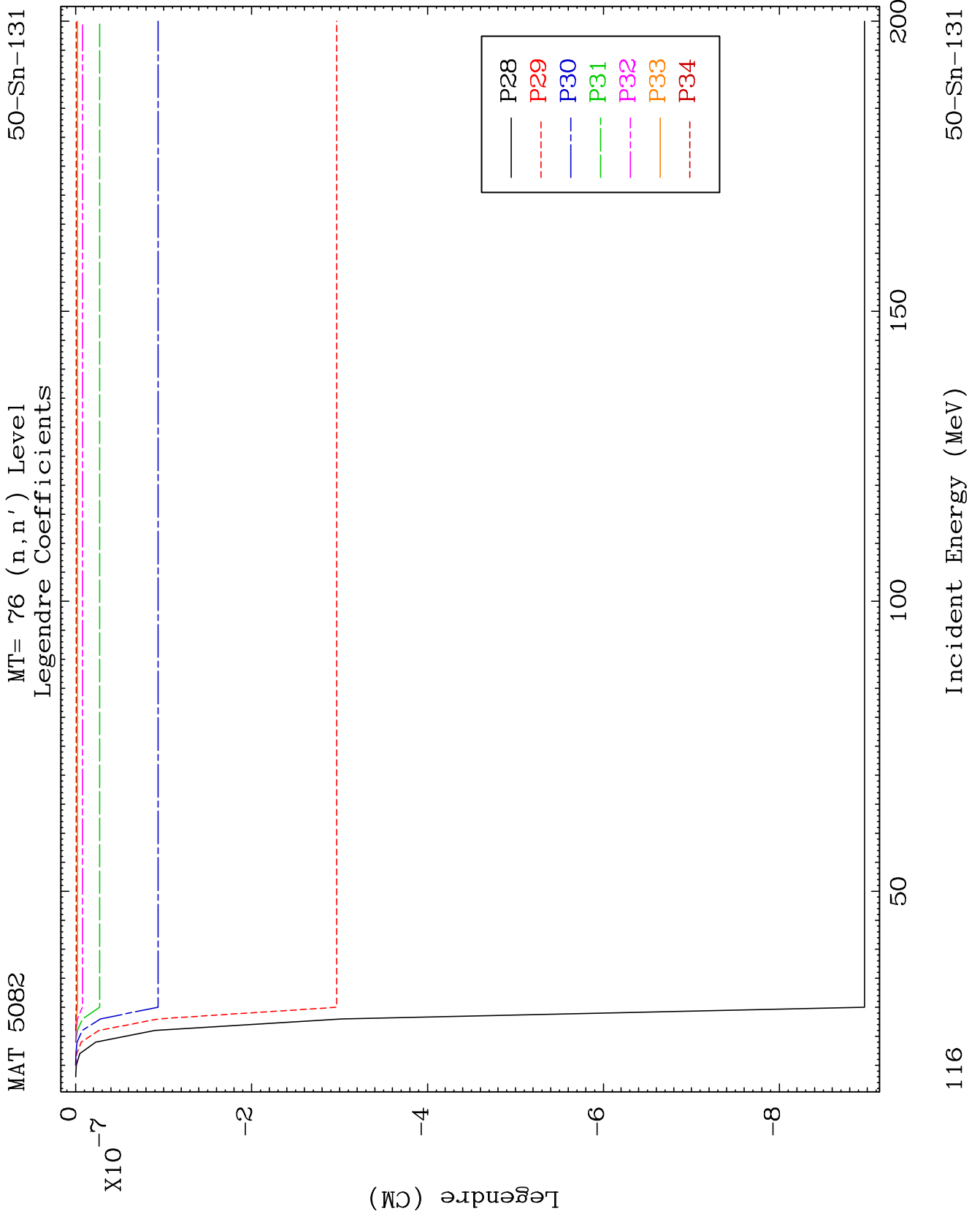
50-Sn-131

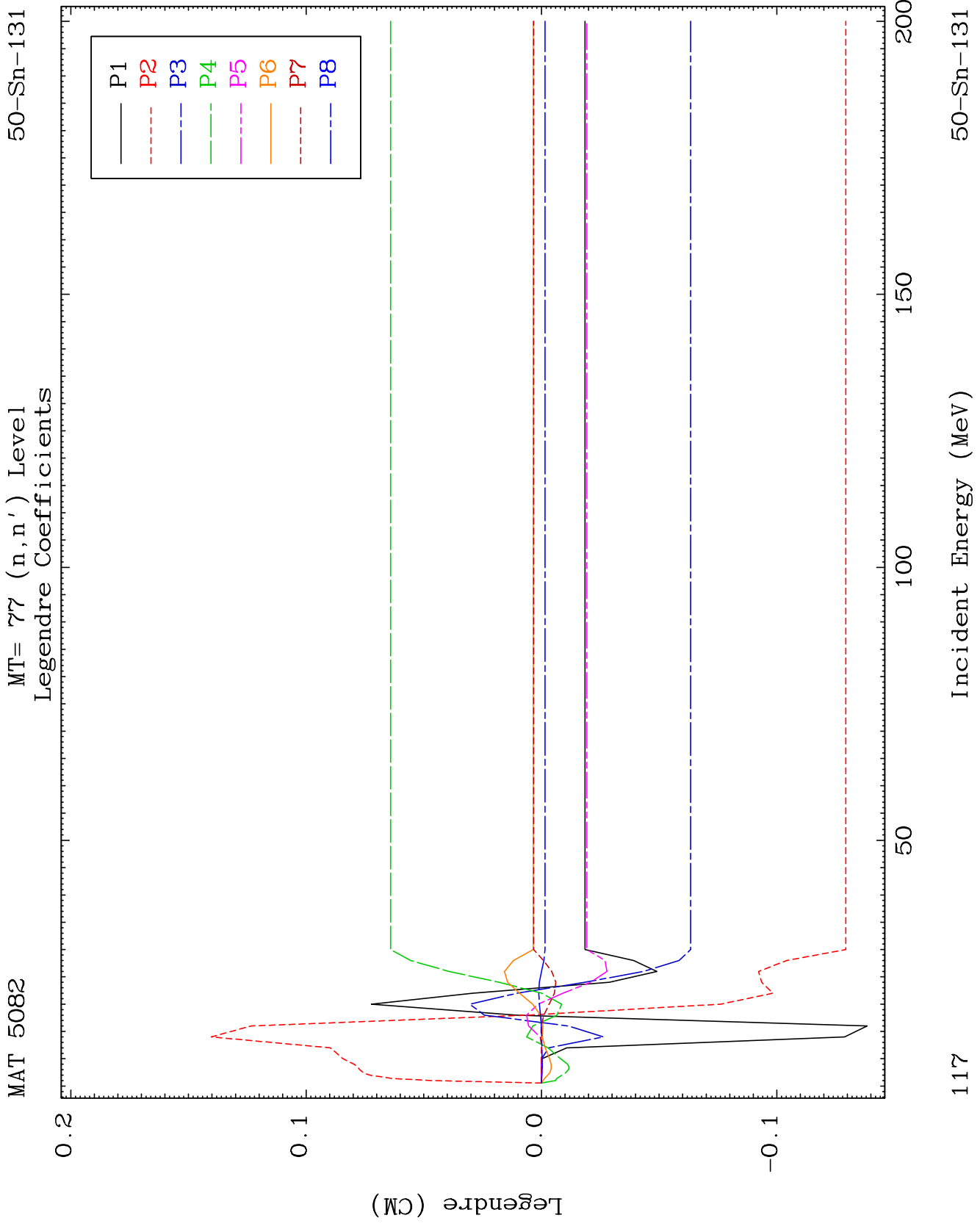


113

50-Sn-131



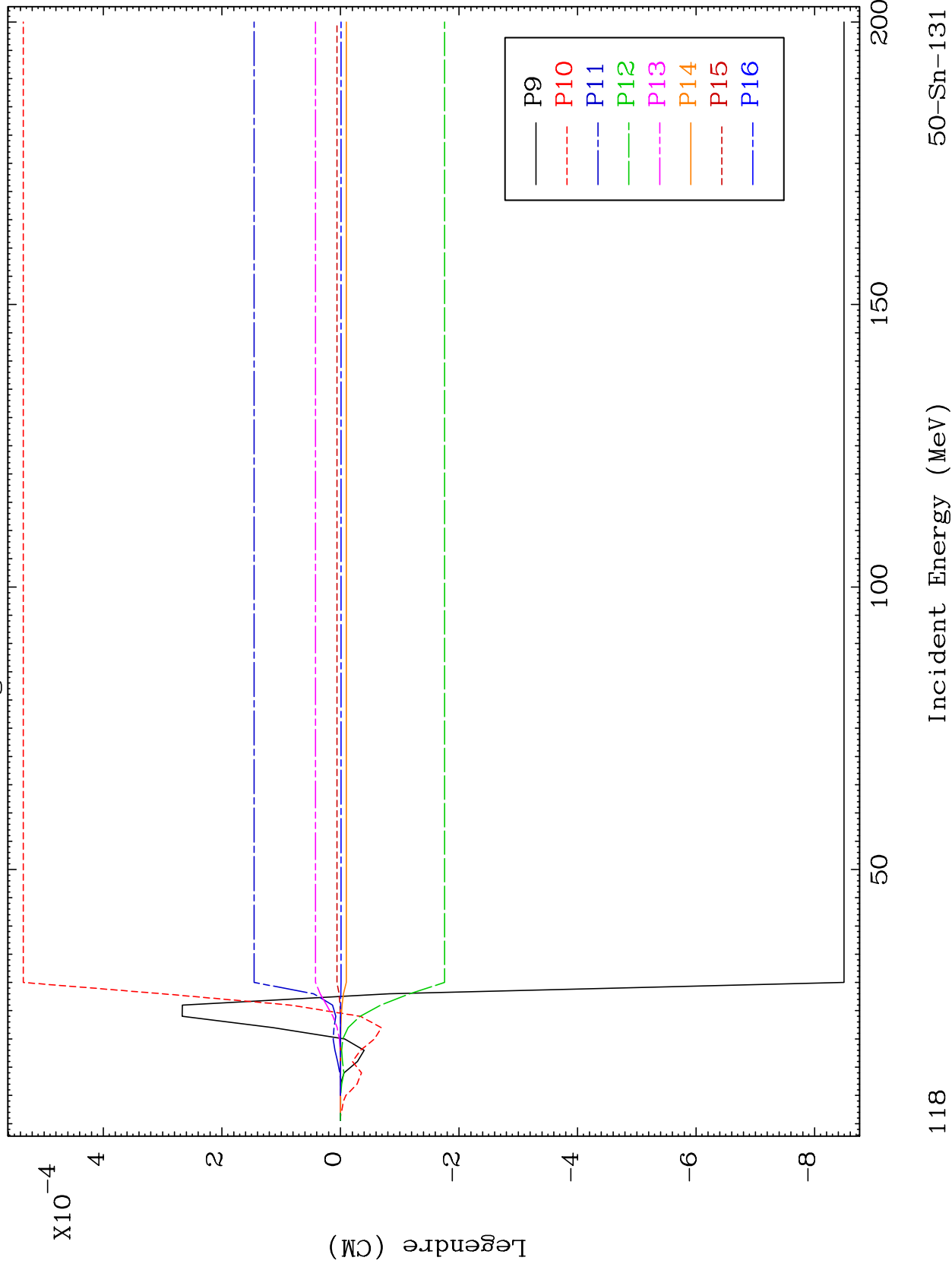




MAT 5082

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

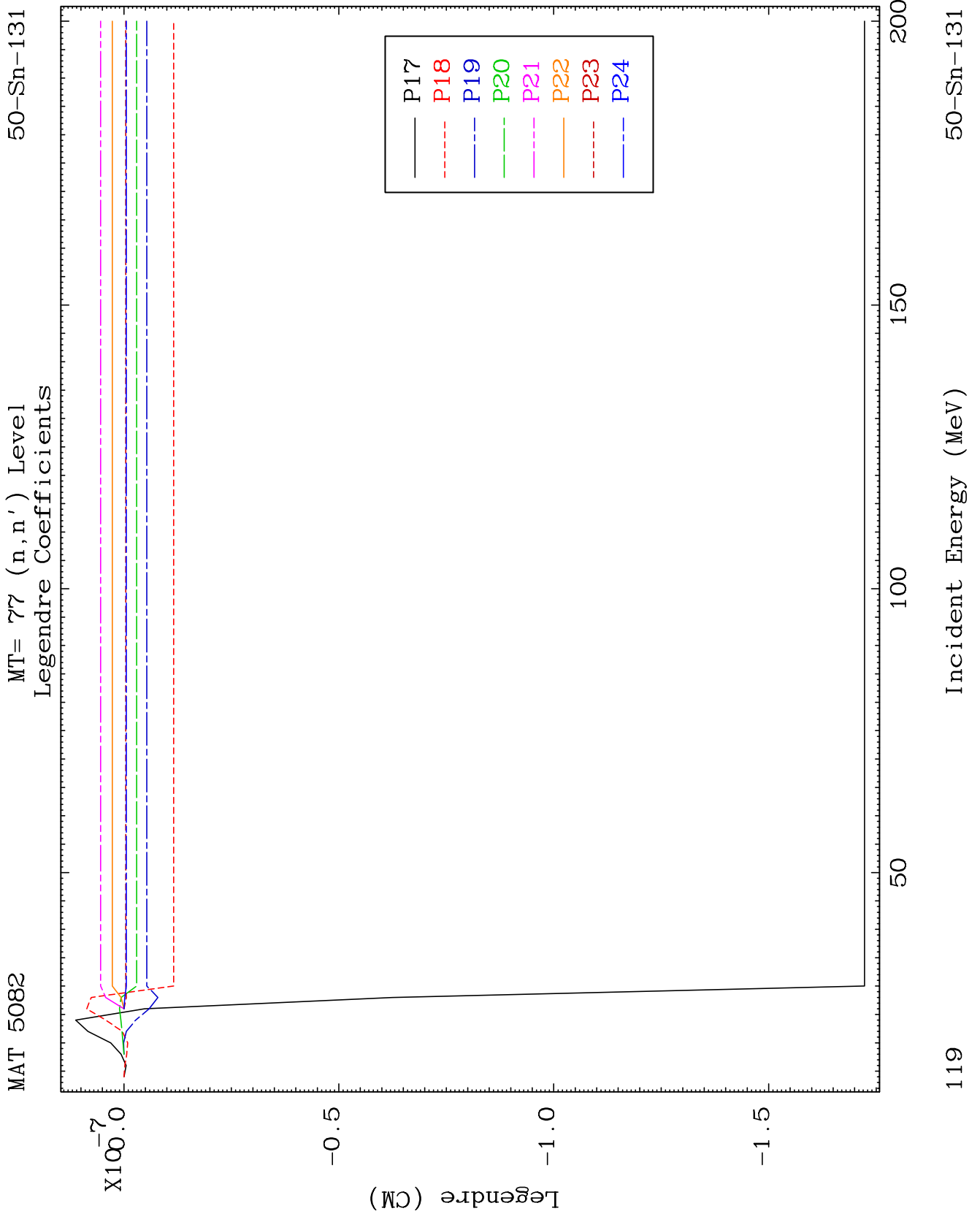
50-Sn-131

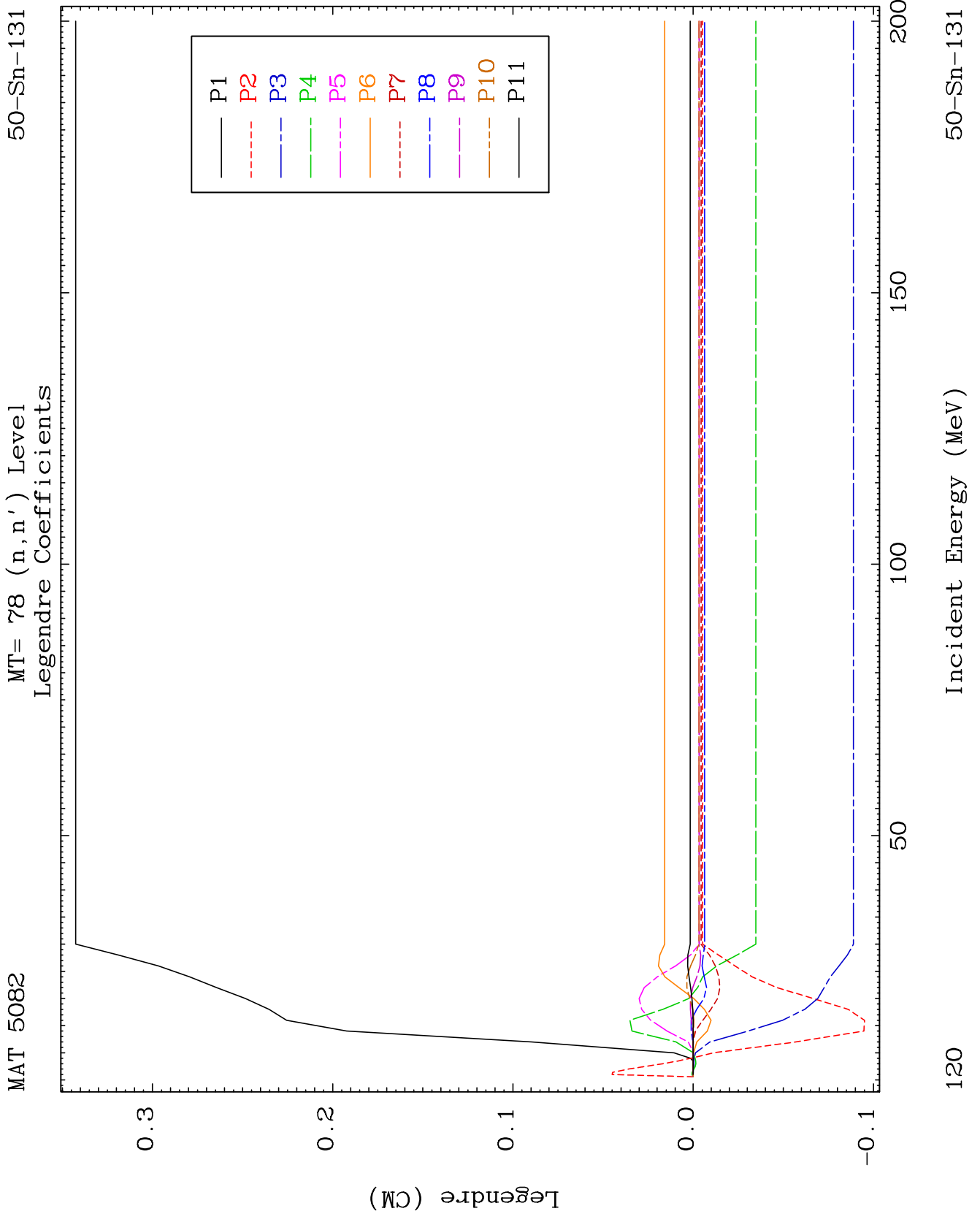


118

Incident Energy (MeV)

50-Sn-131

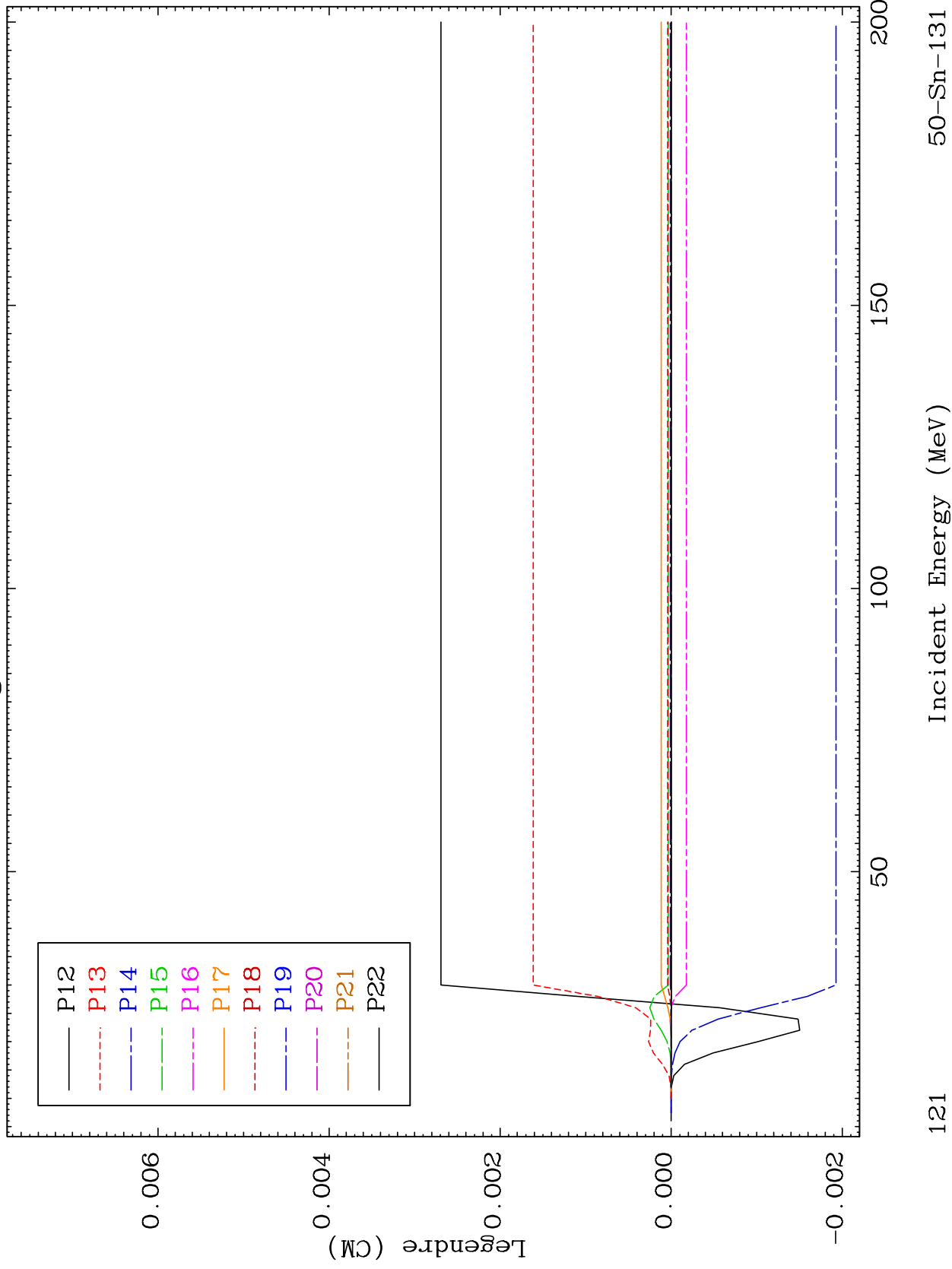


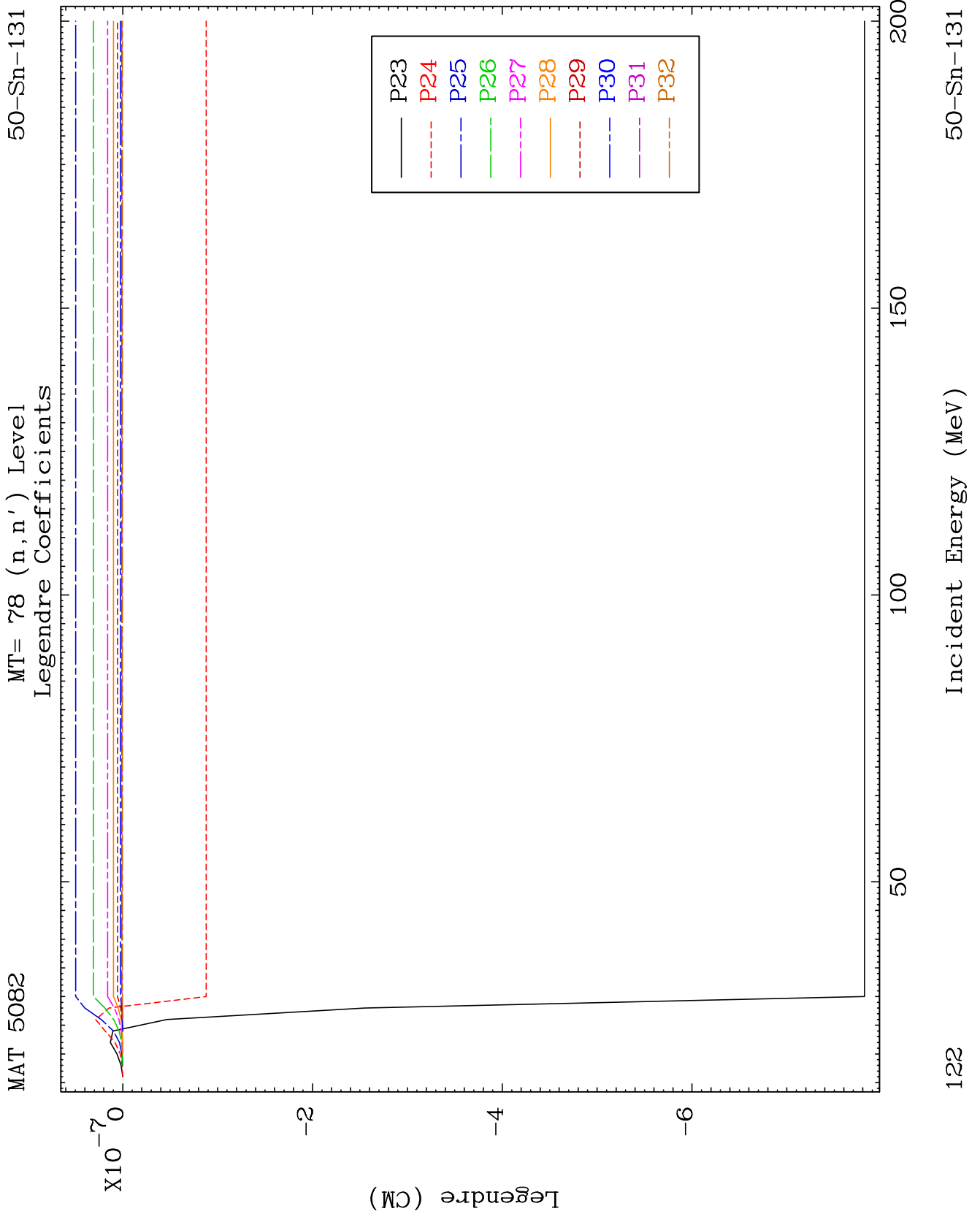


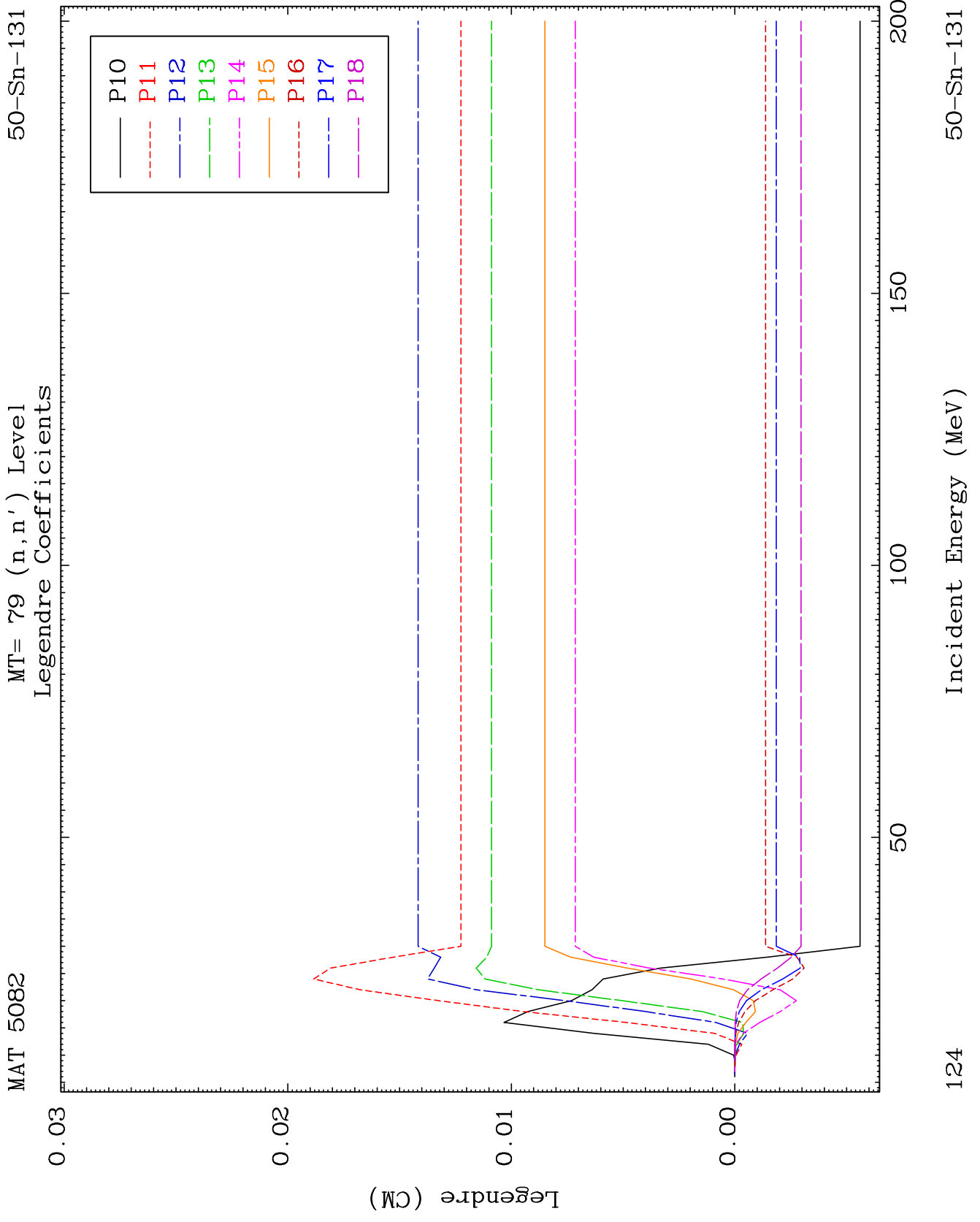
MAT 5082

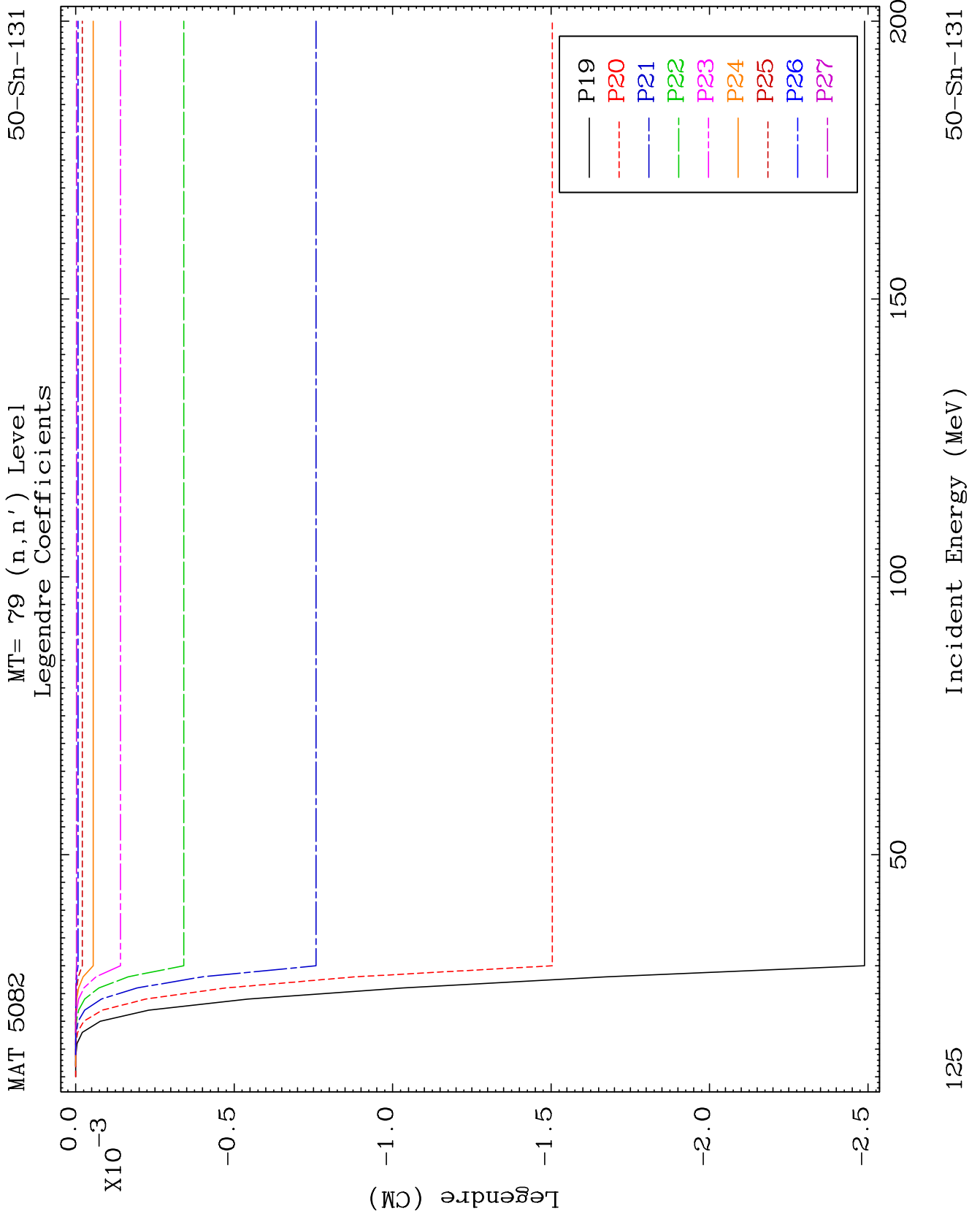
MT= 78 (n,n') Level
Legendre Coefficients

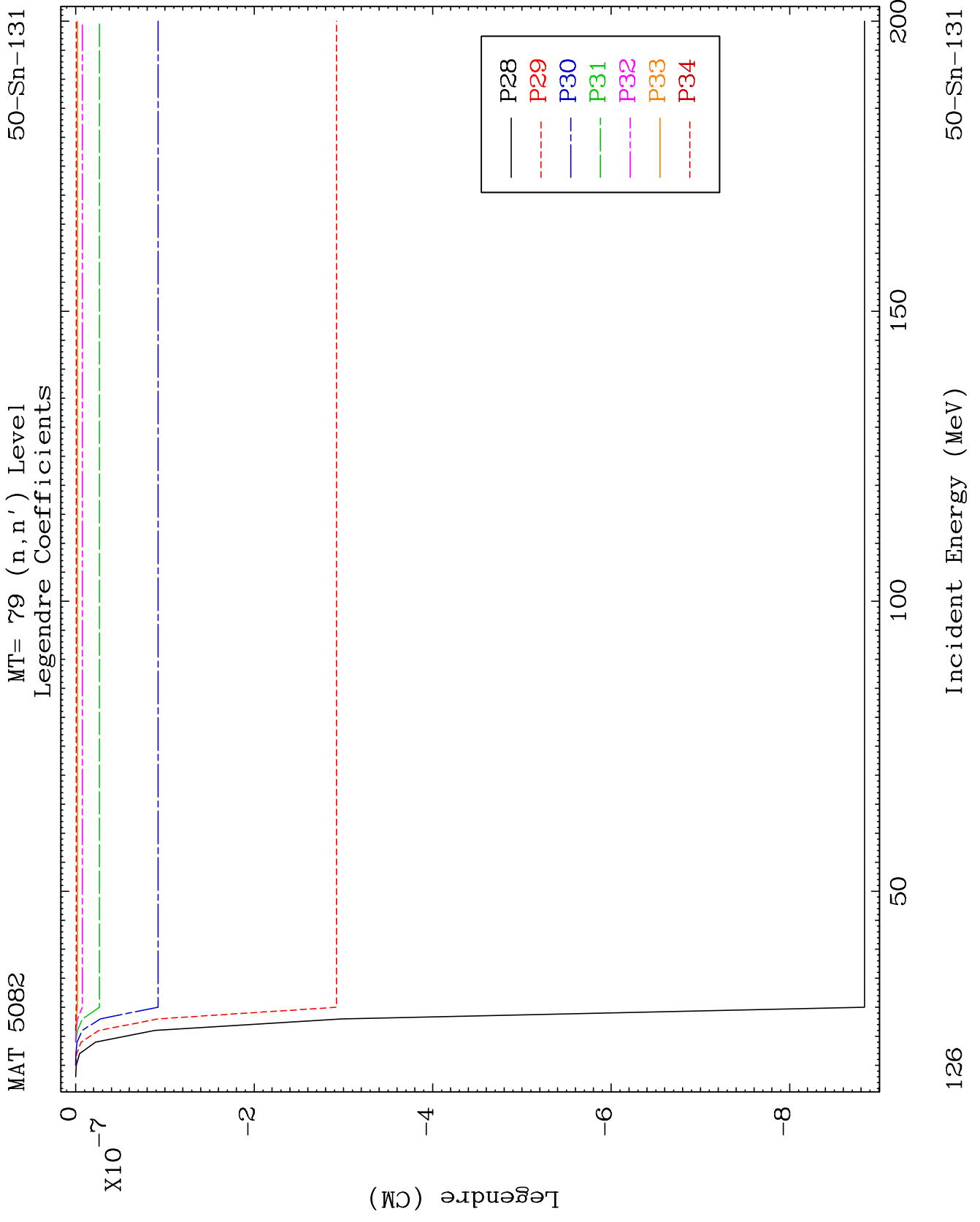
50-Sn-131

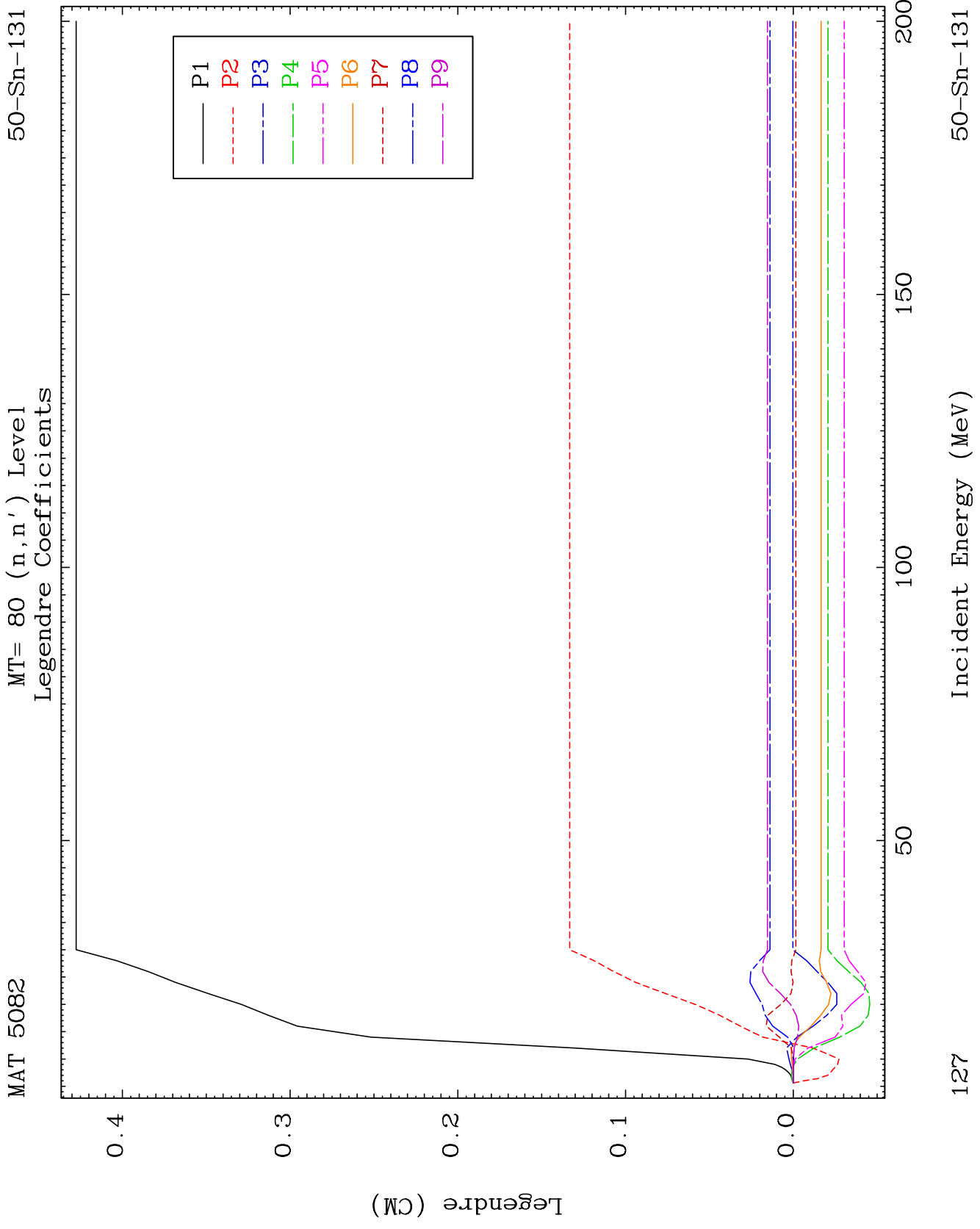








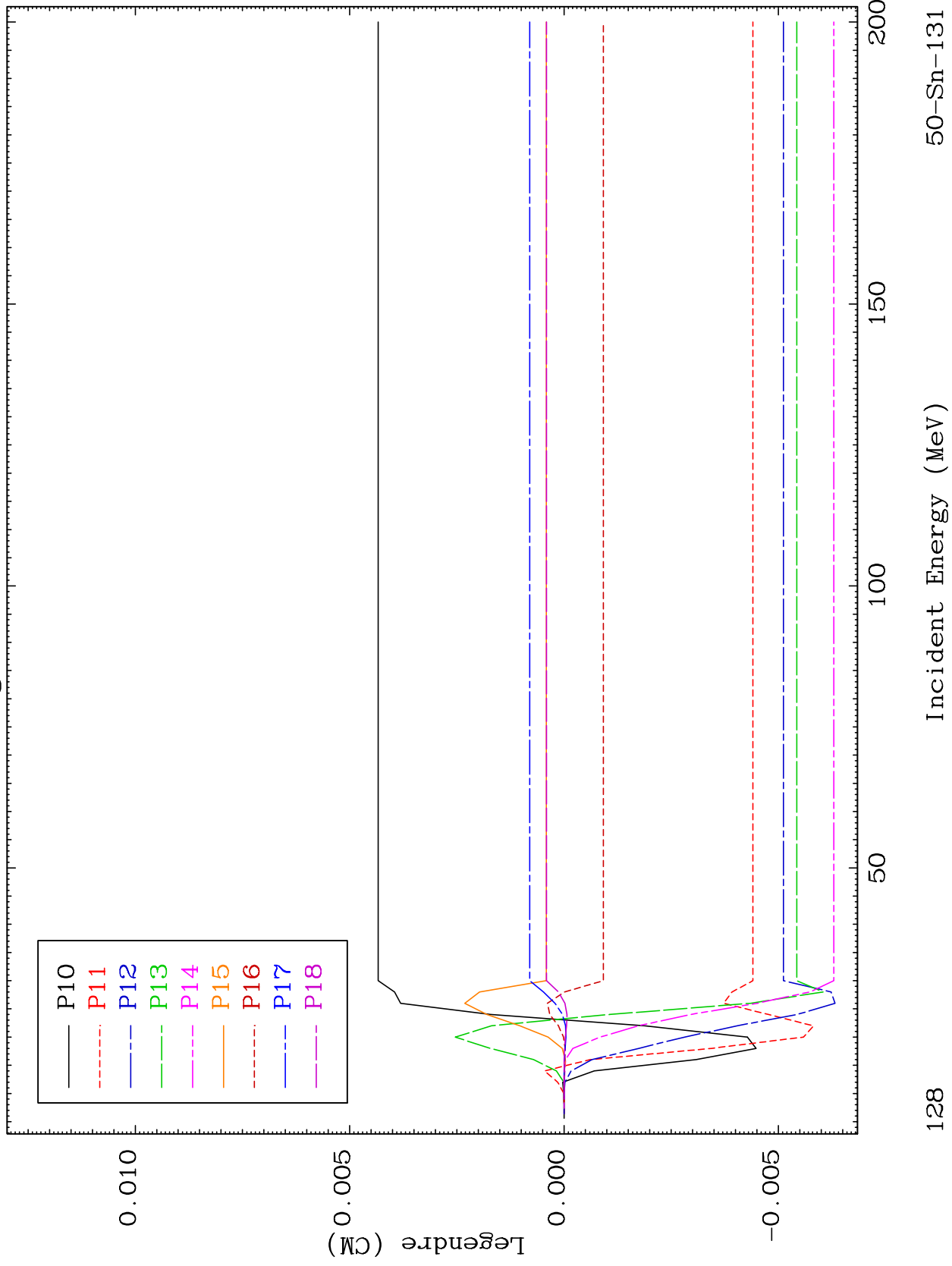




MAT 5082

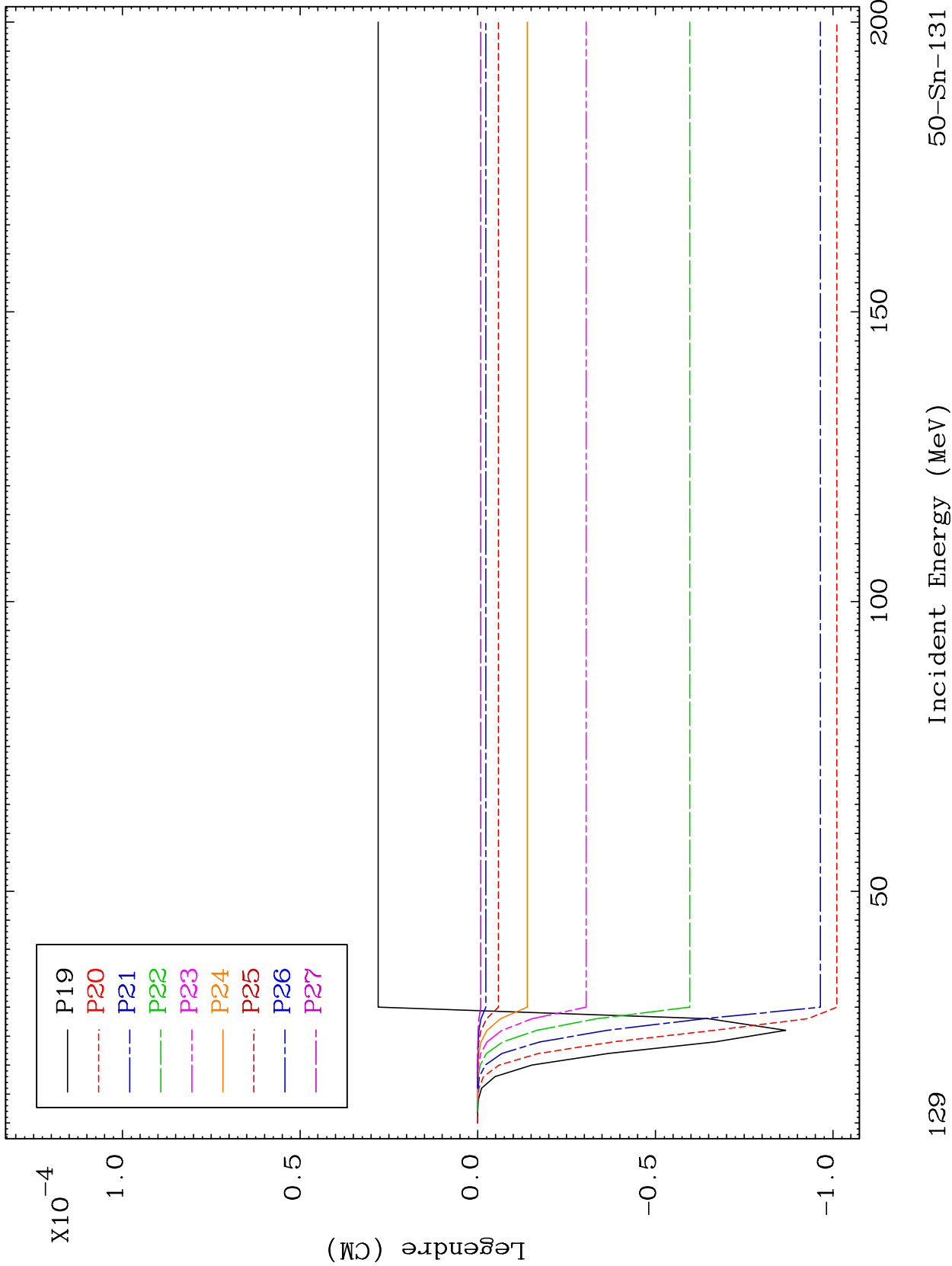
MT= 80 (n,n') Level
Legendre Coefficients

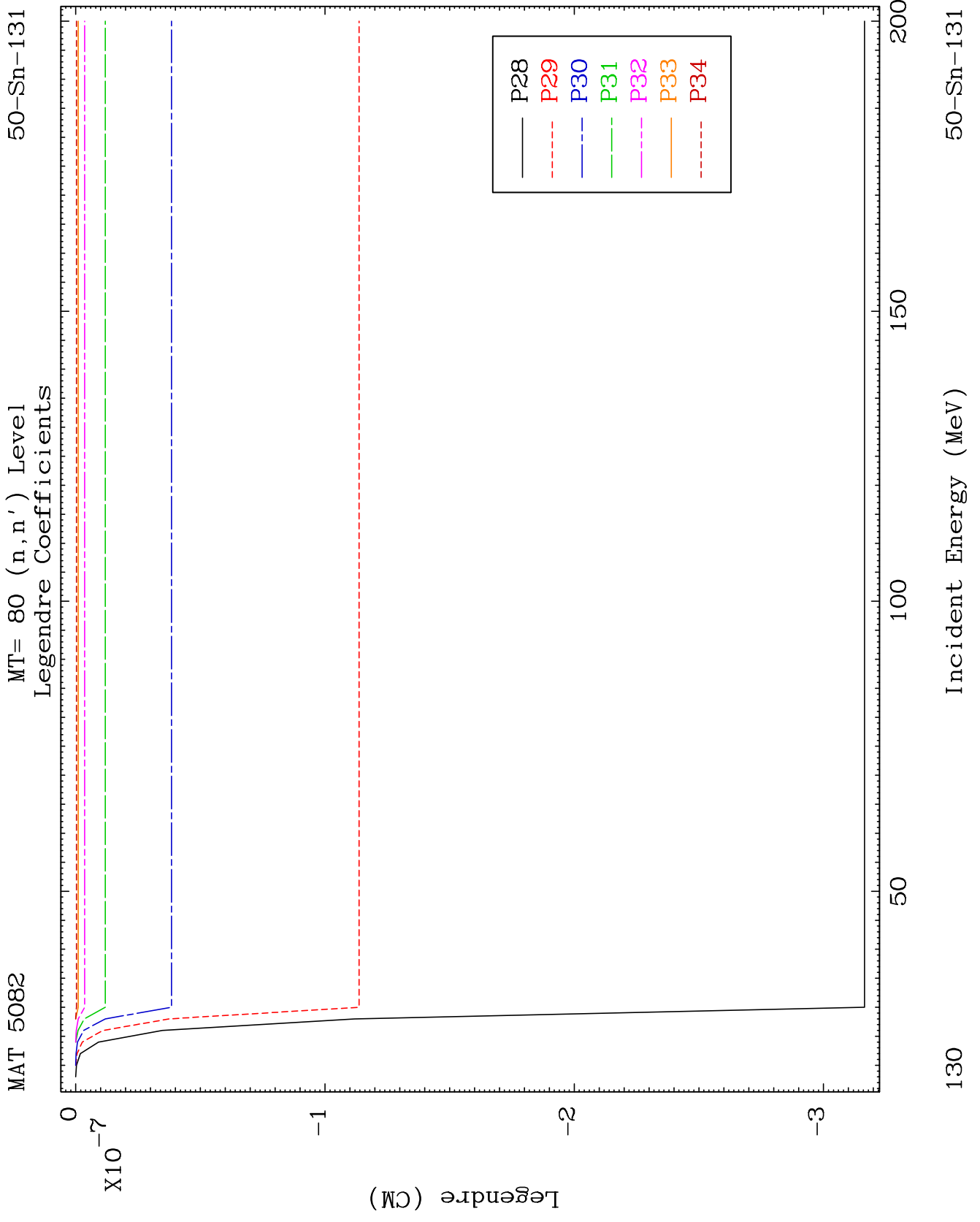
50-Sn-131



128

50-Sn-131

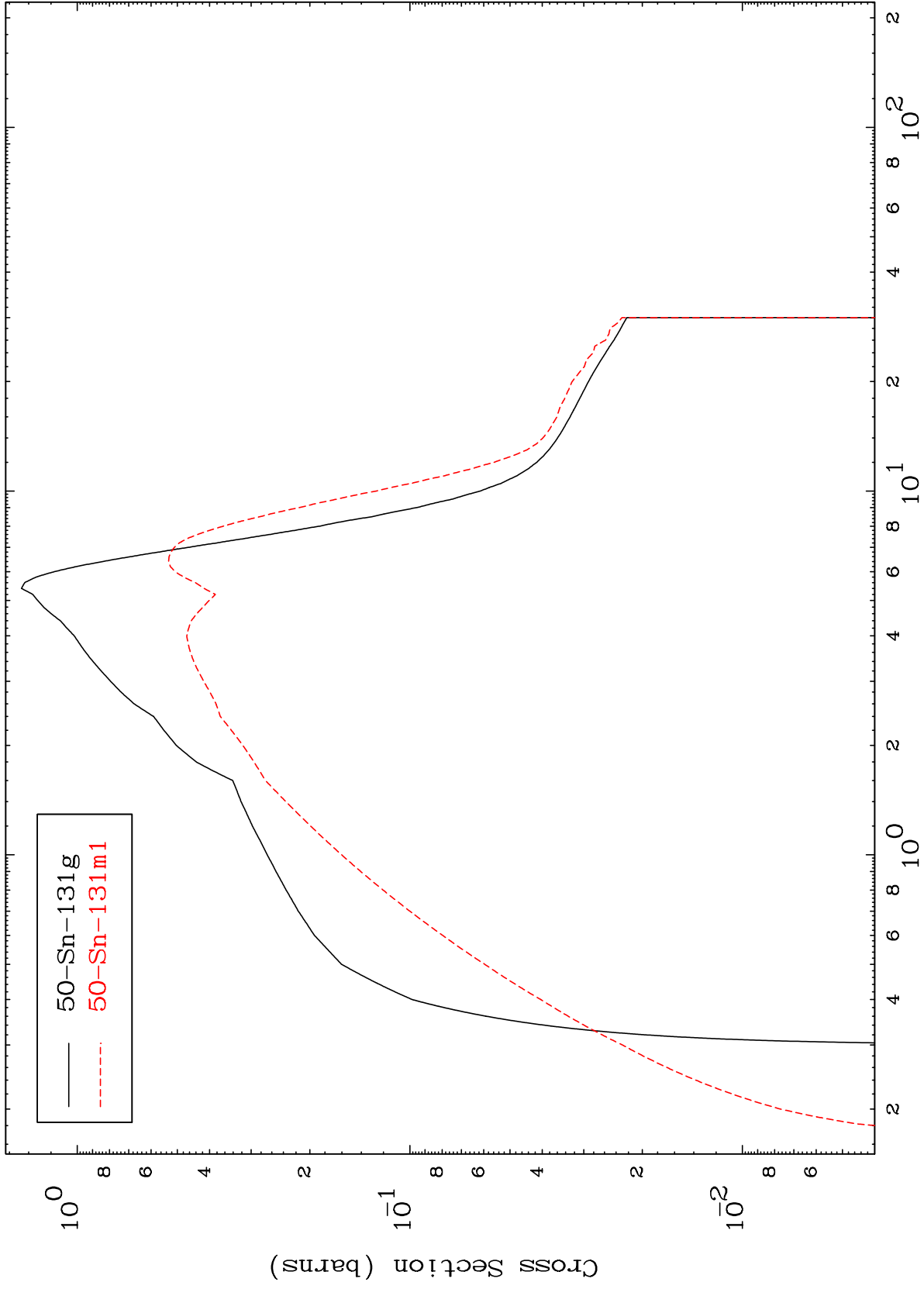




MAT 5082

50-Sn-131

Inelastic
Radionuclide Production Cross Section



— 50-Sn-131g
- - - 50-Sn-131m1

50-Sn-131

Incident Energy (MeV)

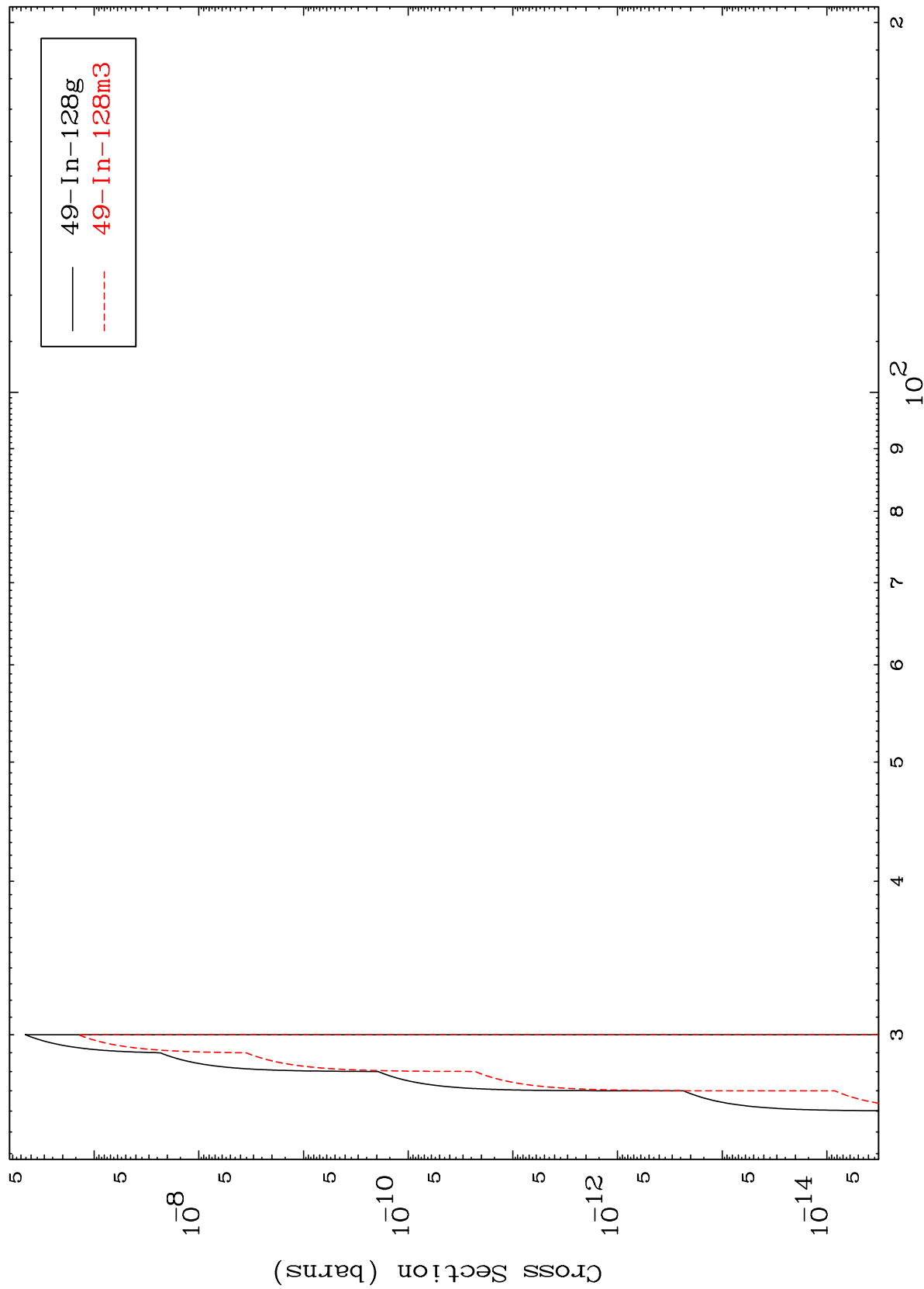
131

MAT 5082

(n,2n) d

50-Sn-131

Radionuclide Production Cross Section



132

Incident Energy (MeV)

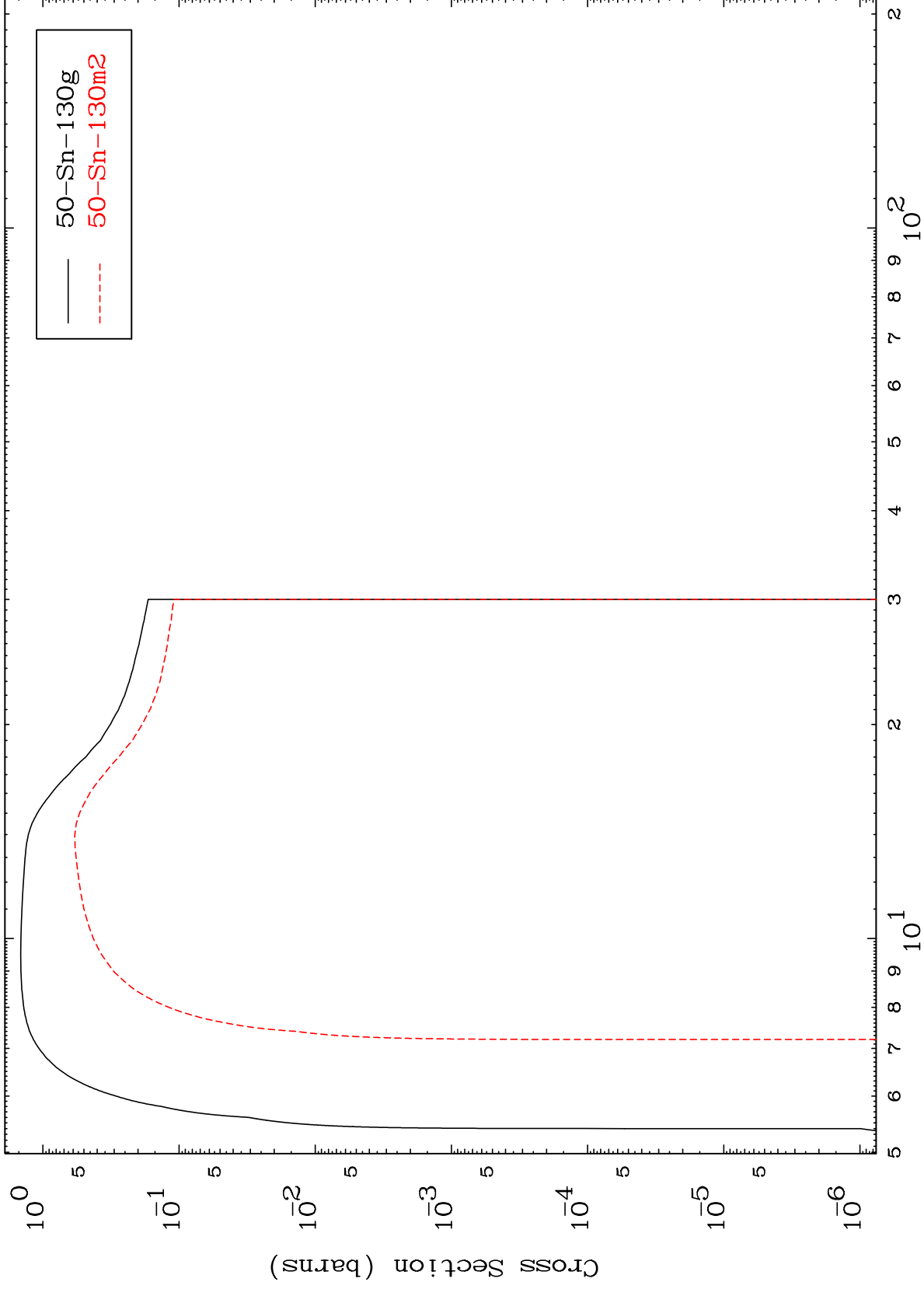
50-Sn-131

MAT 5082

(n,2n)

50-Sn-131

Radionuclide Production Cross Section



133

Incident Energy (MeV)

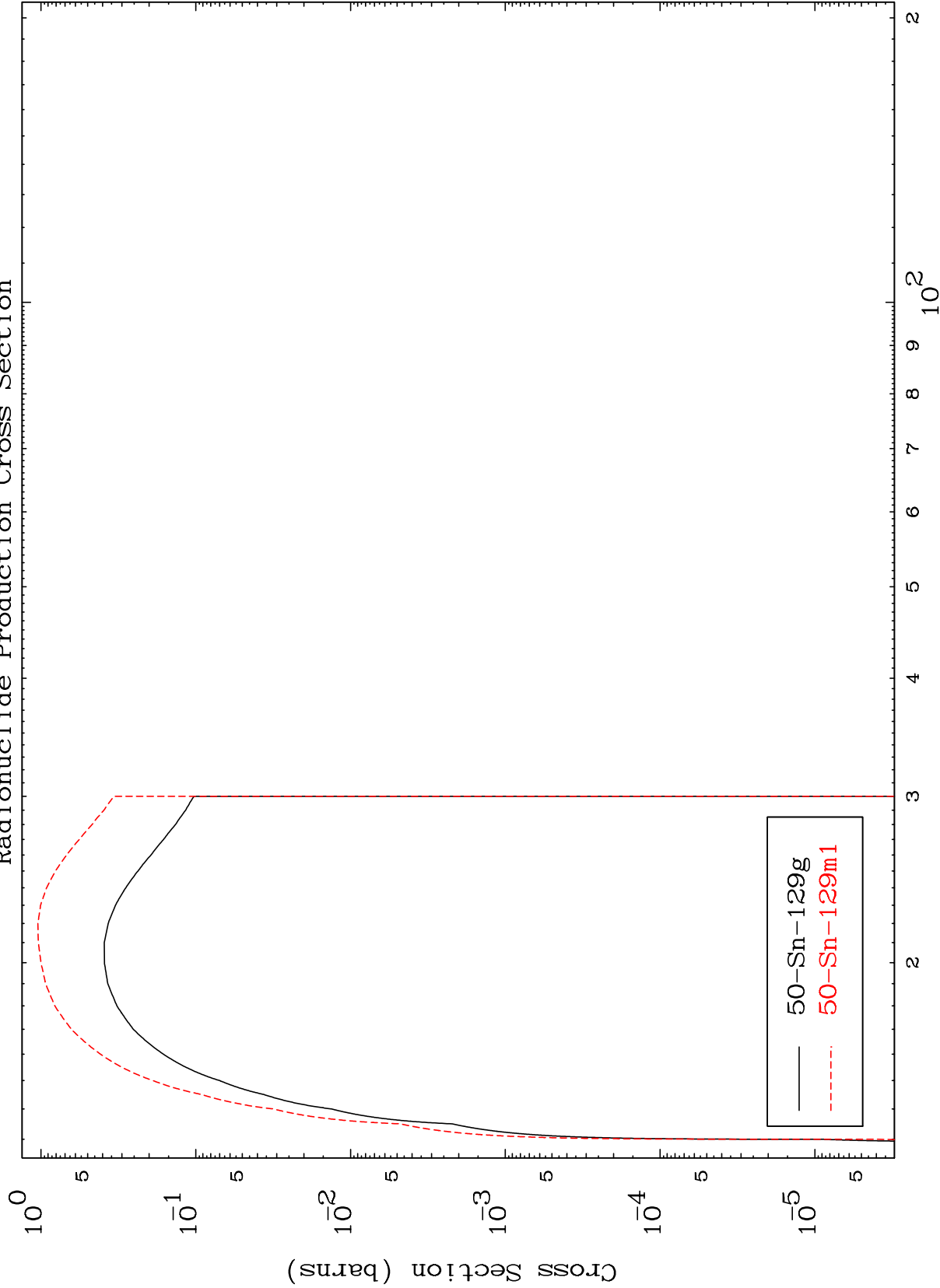
50-Sn-131

MAT 5082

(n,3n)

50-Sn-131

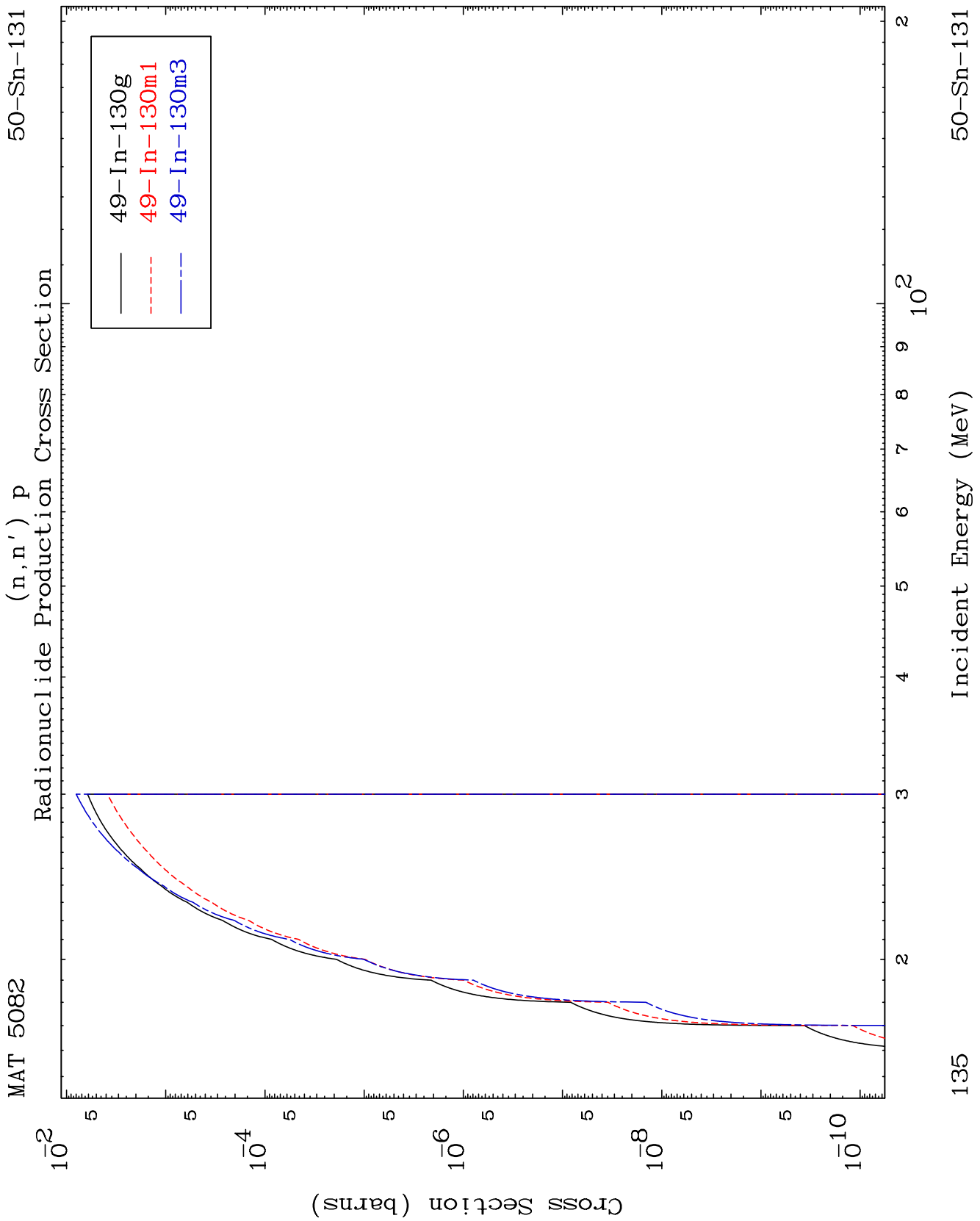
Radionuclide Production Cross Section



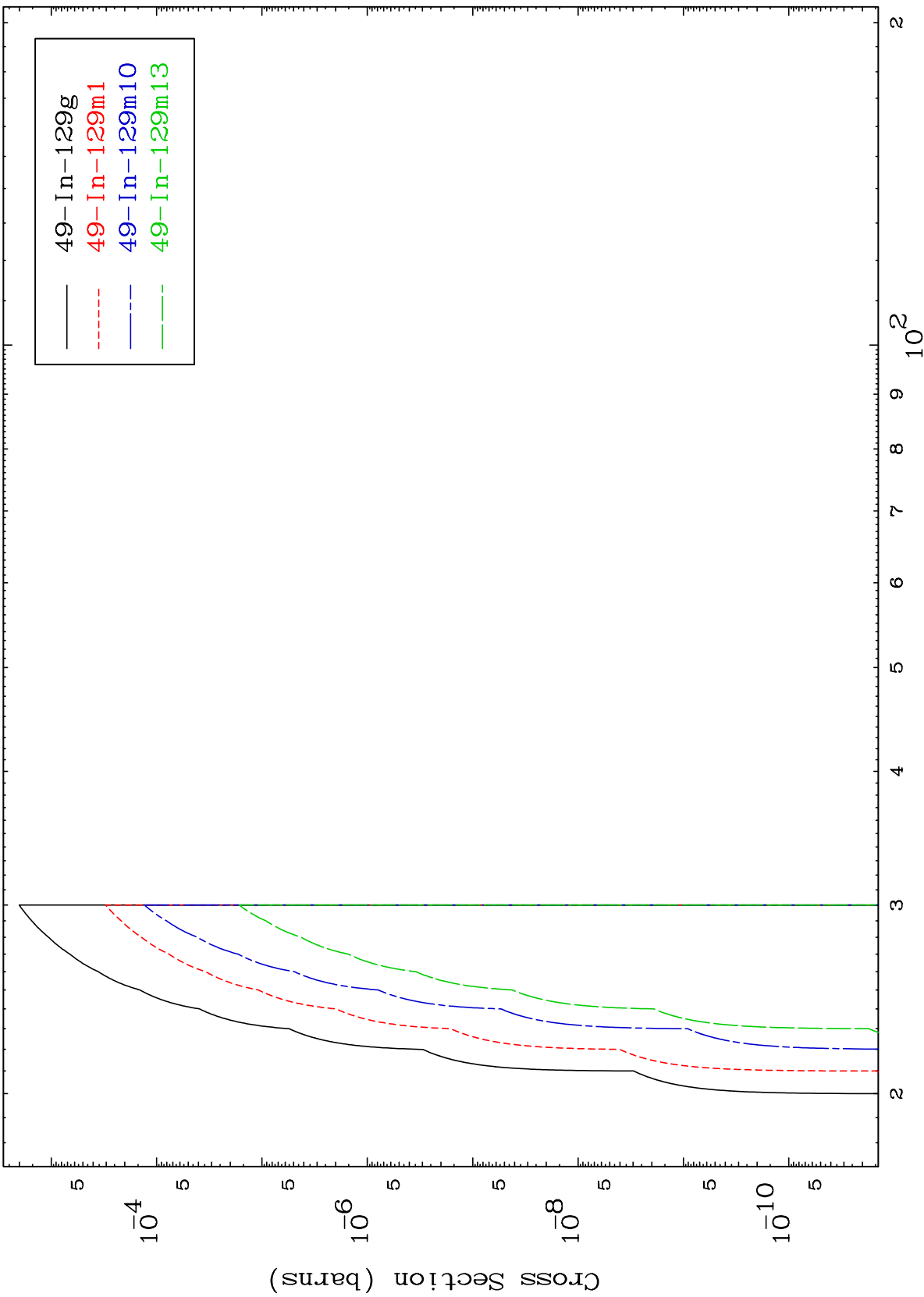
Incident Energy (MeV)

50-Sn-131

134



Radionuclide Production Cross Section

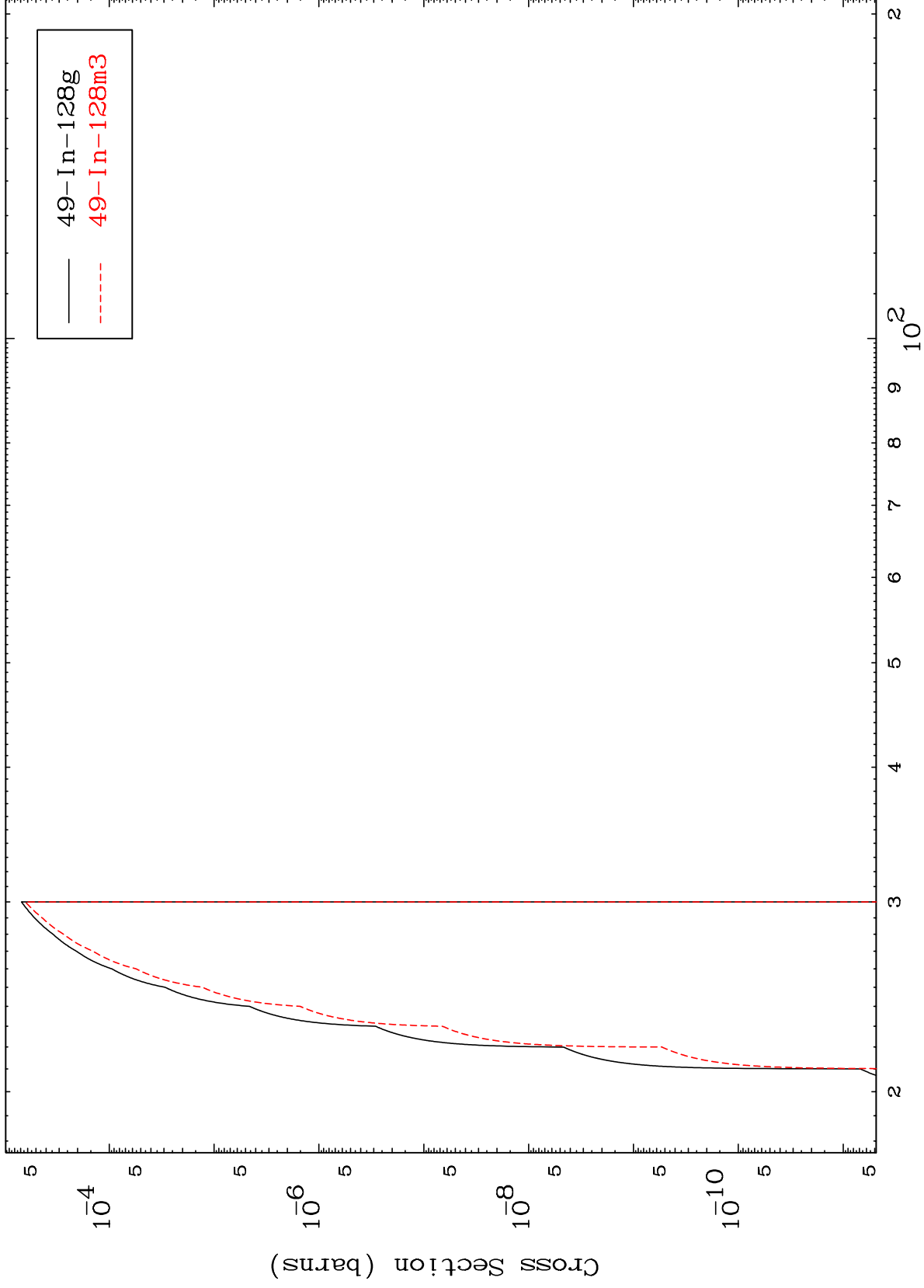


MAT 5082

(n,n') t

50-Sn-131

Radionuclide Production Cross Section



137

Incident Energy (MeV)

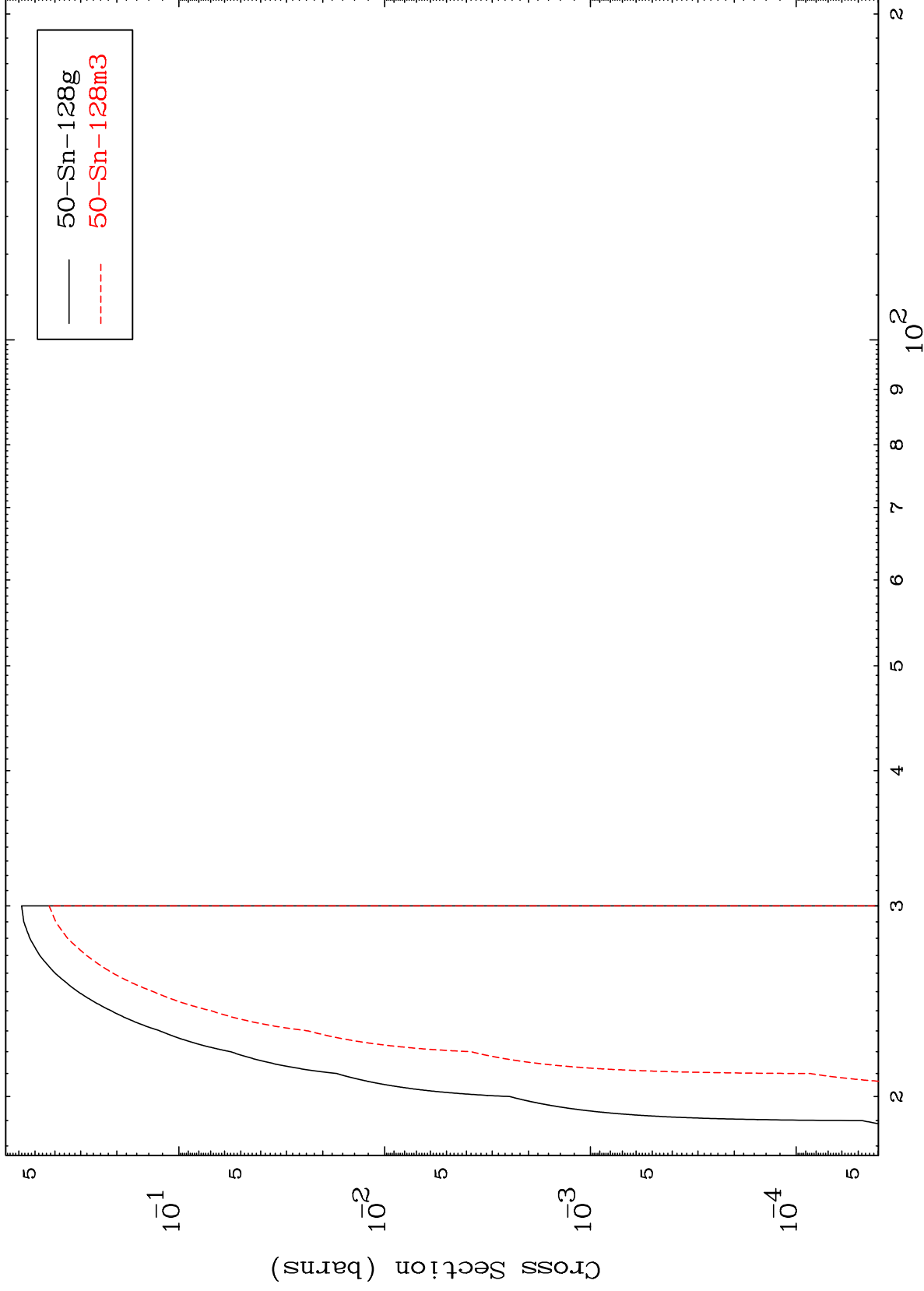
50-Sn-131

MAT 5082

(n,4n)

50-Sn-131

Radionuclide Production Cross Section

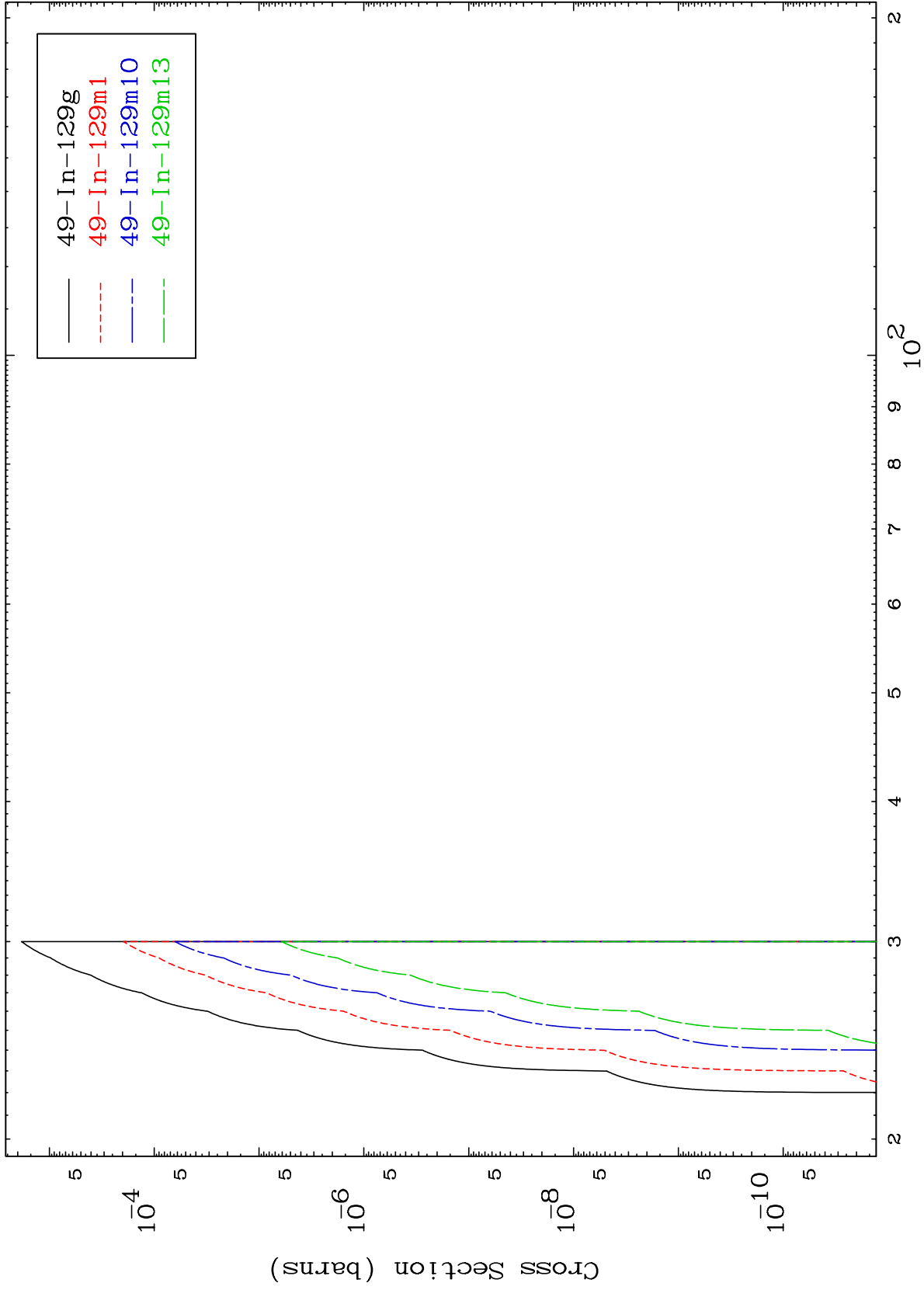


138

Incident Energy (MeV)

50-Sn-131

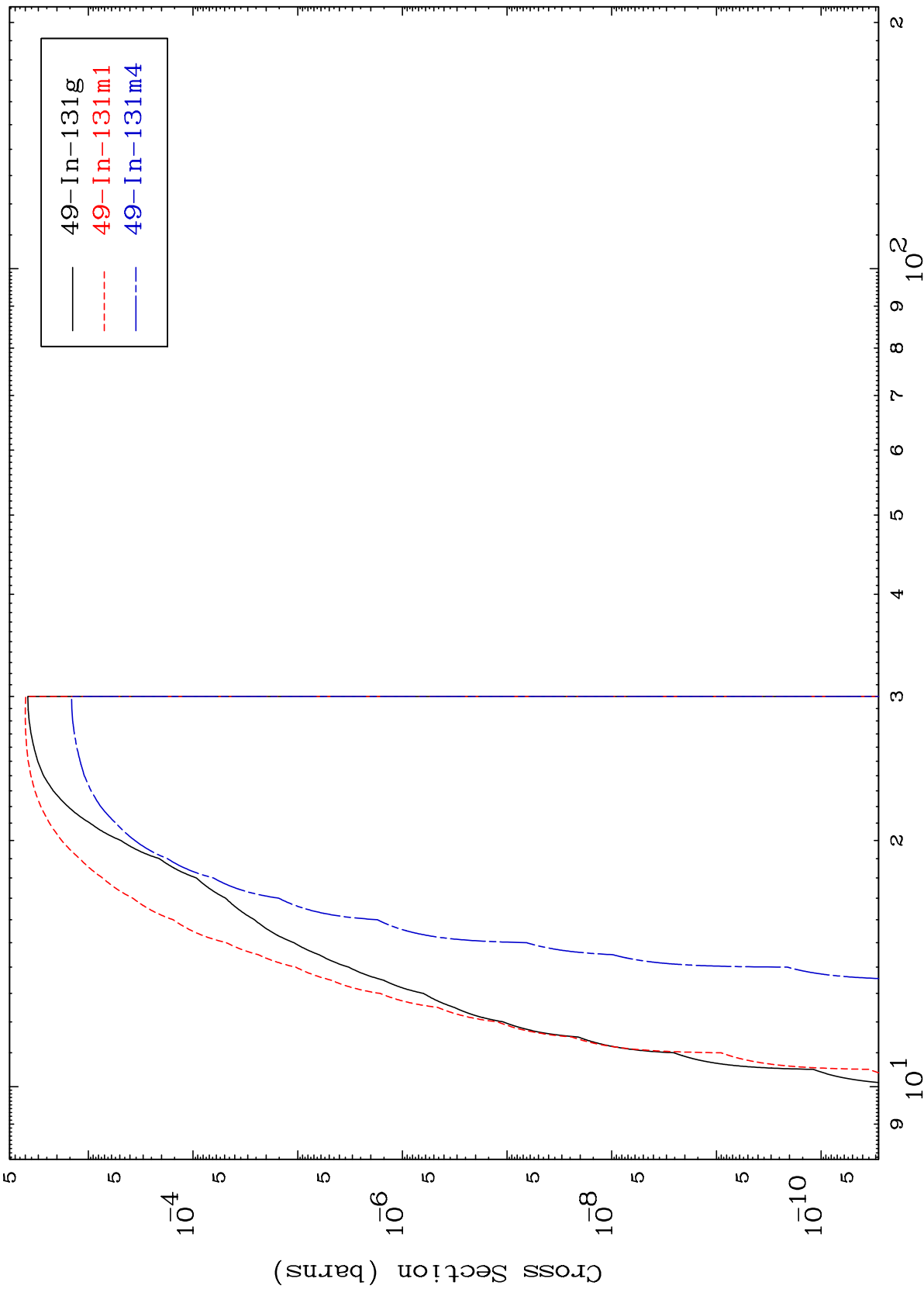
Radionuclide Production Cross Section



MAT 5082

50-Sn-131

(n,p)
Radionuclide Production Cross Section



50-Sn-131

Incident Energy (MeV)

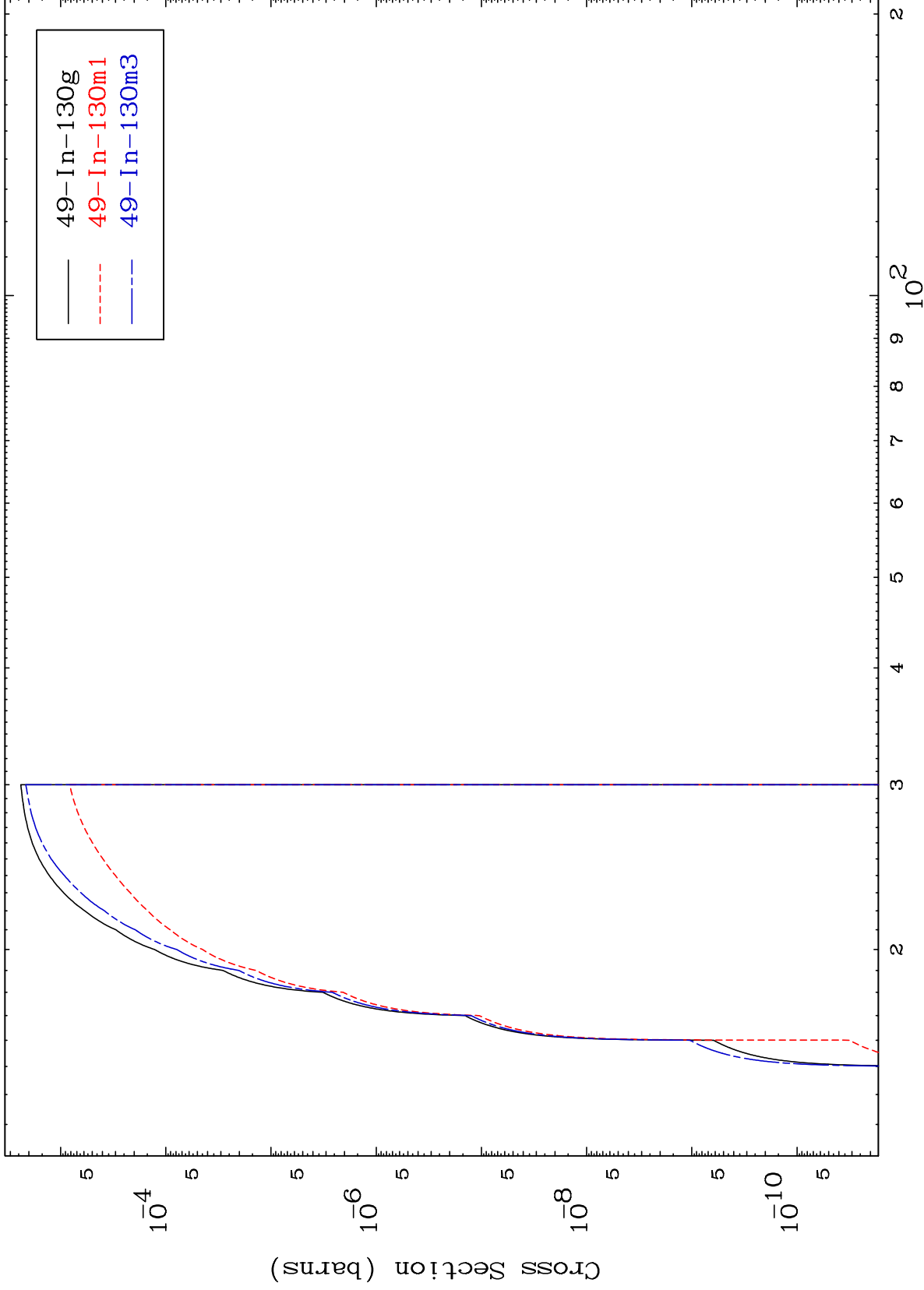
140

MAT 5082

(n,d)

50-Sn-131

Radionuclide Production Cross Section



141

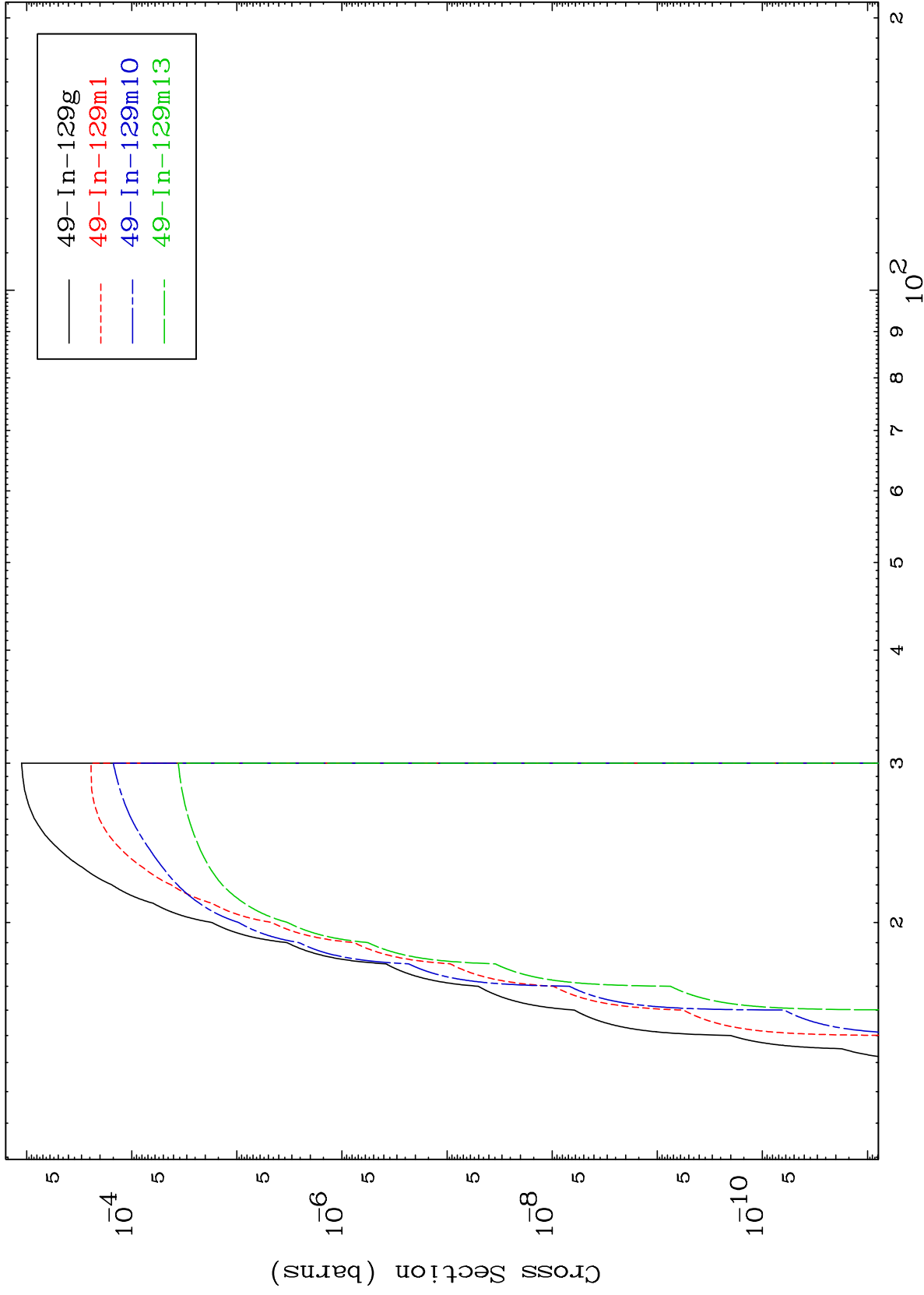
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,t)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

50-Sn-131