

Program EVALPLOT
(Version 2018-1)

by

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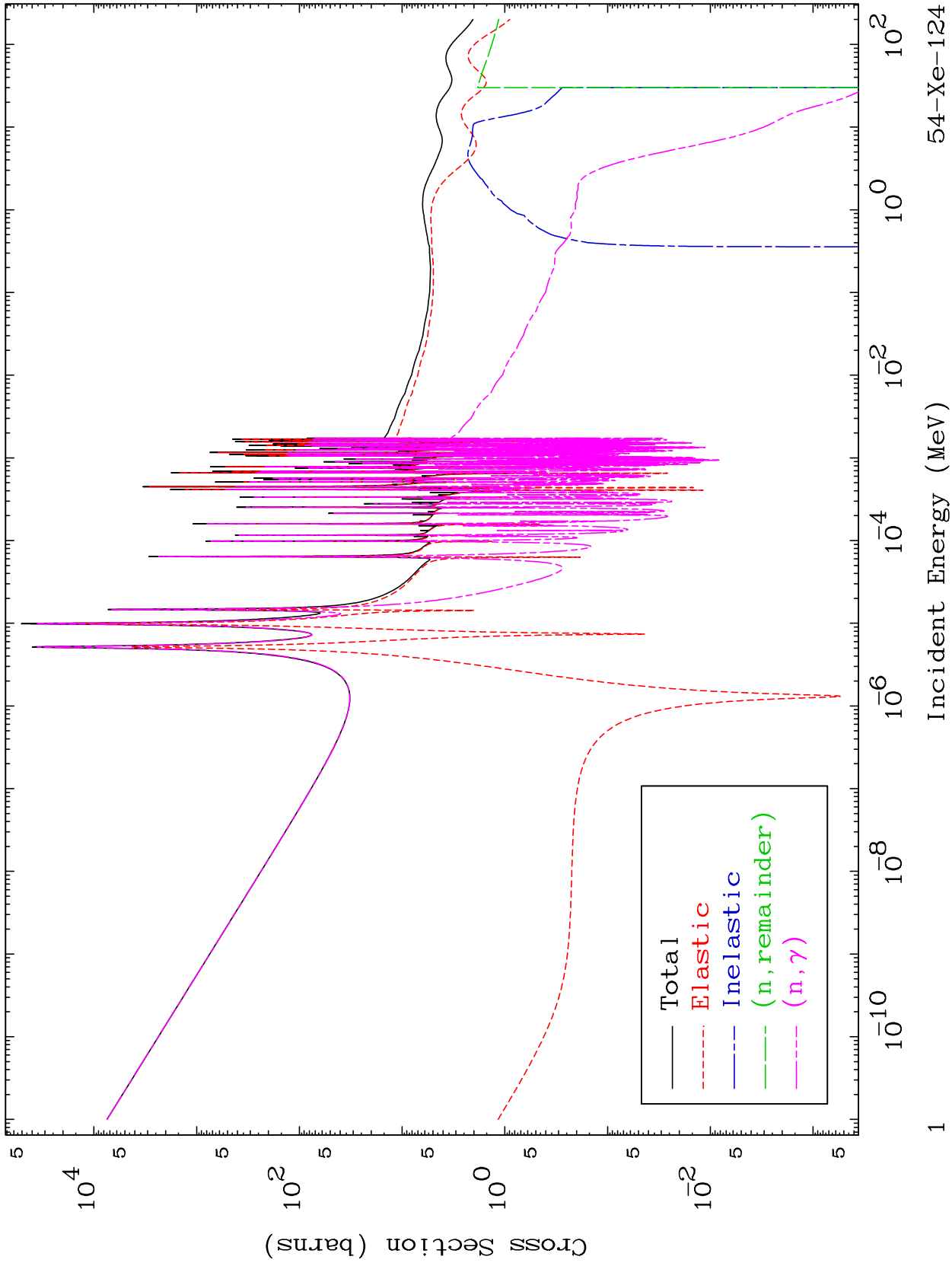
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5425

Major
293 Kelvin Cross Sections

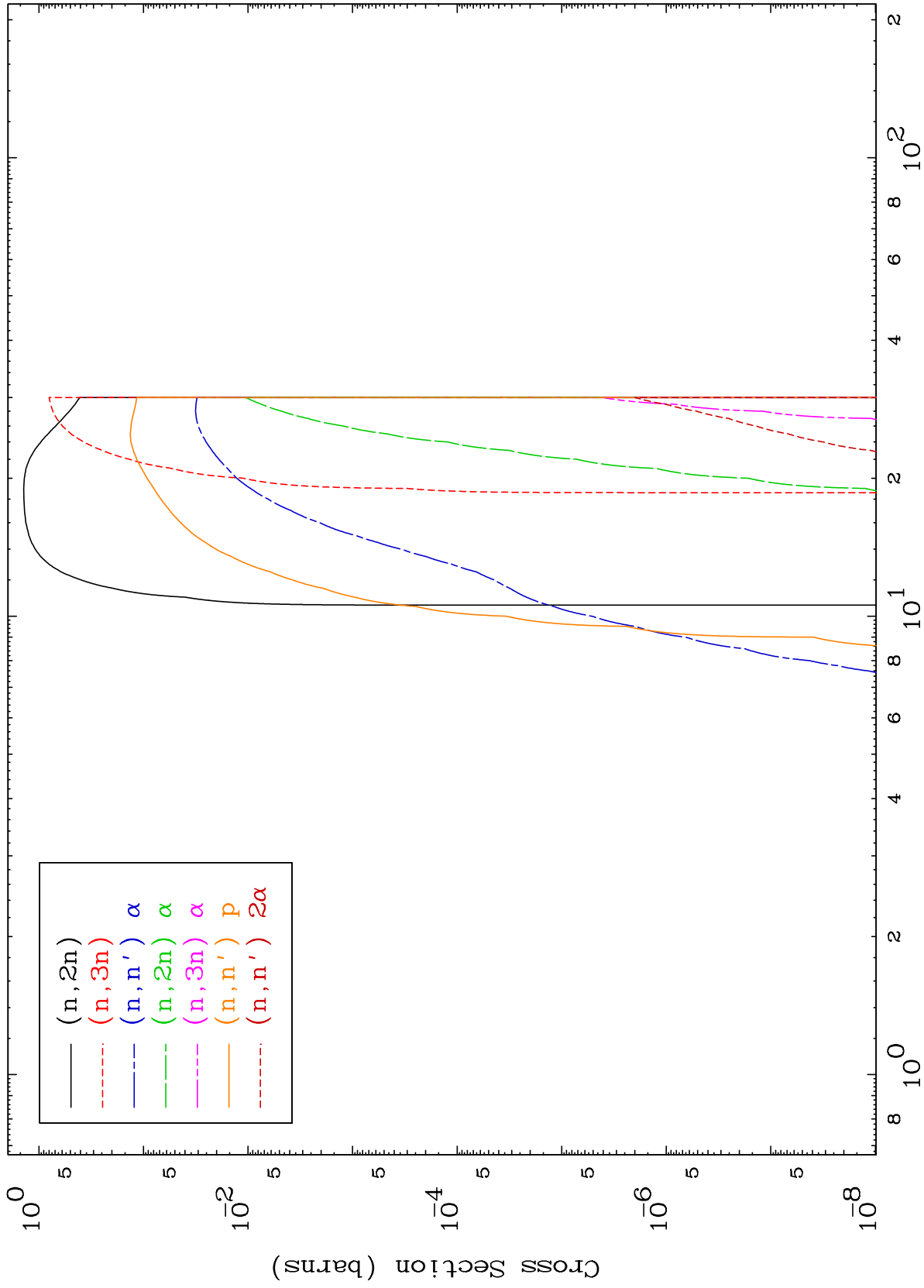
54-Xe-124



MAT 5425

Neutron Production
293 Kelvin Cross Sections

54-Xe-124

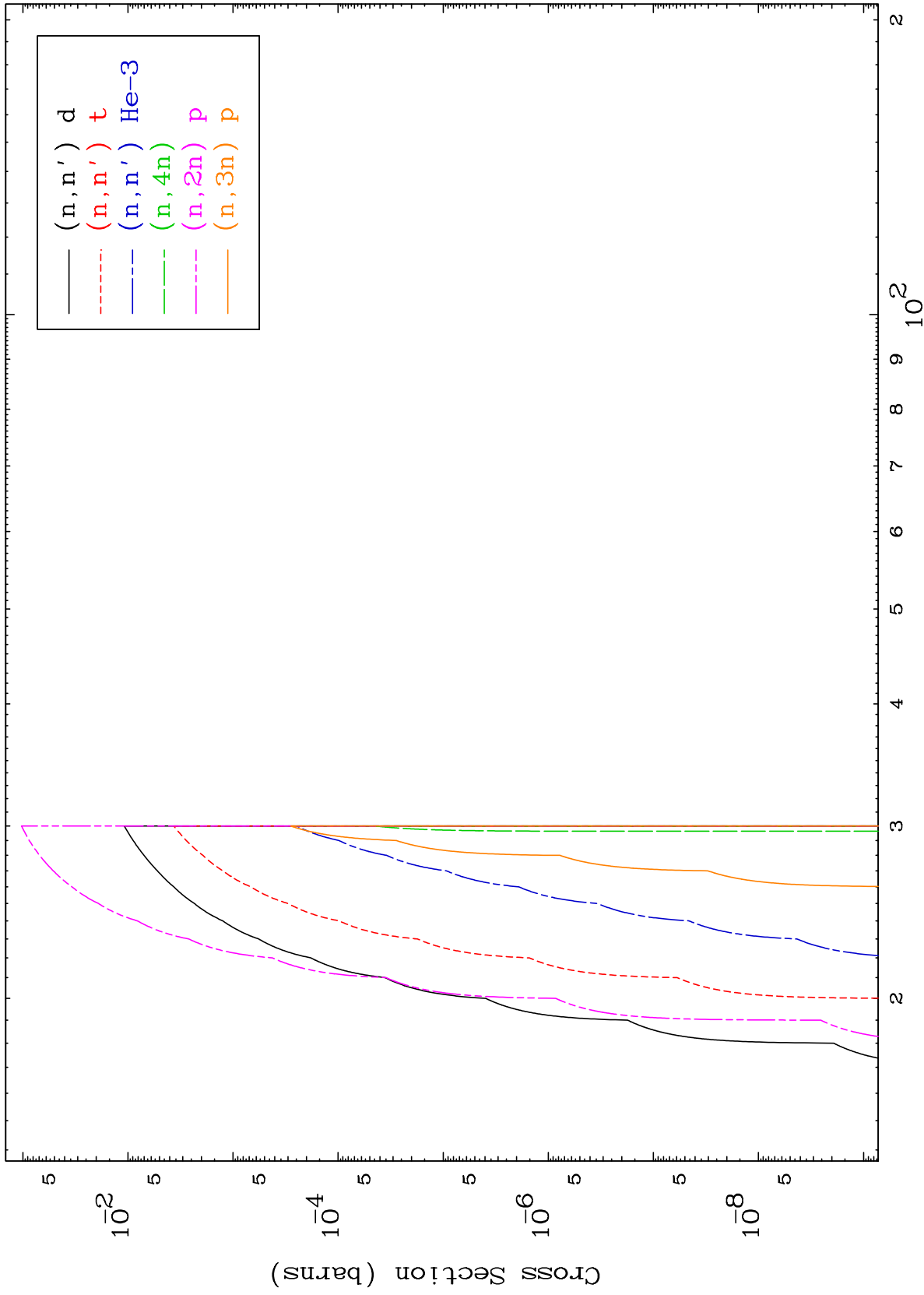


2

MAT 5425

Neutron Production
293 Kelvin Cross Sections

54-Xe-124



3

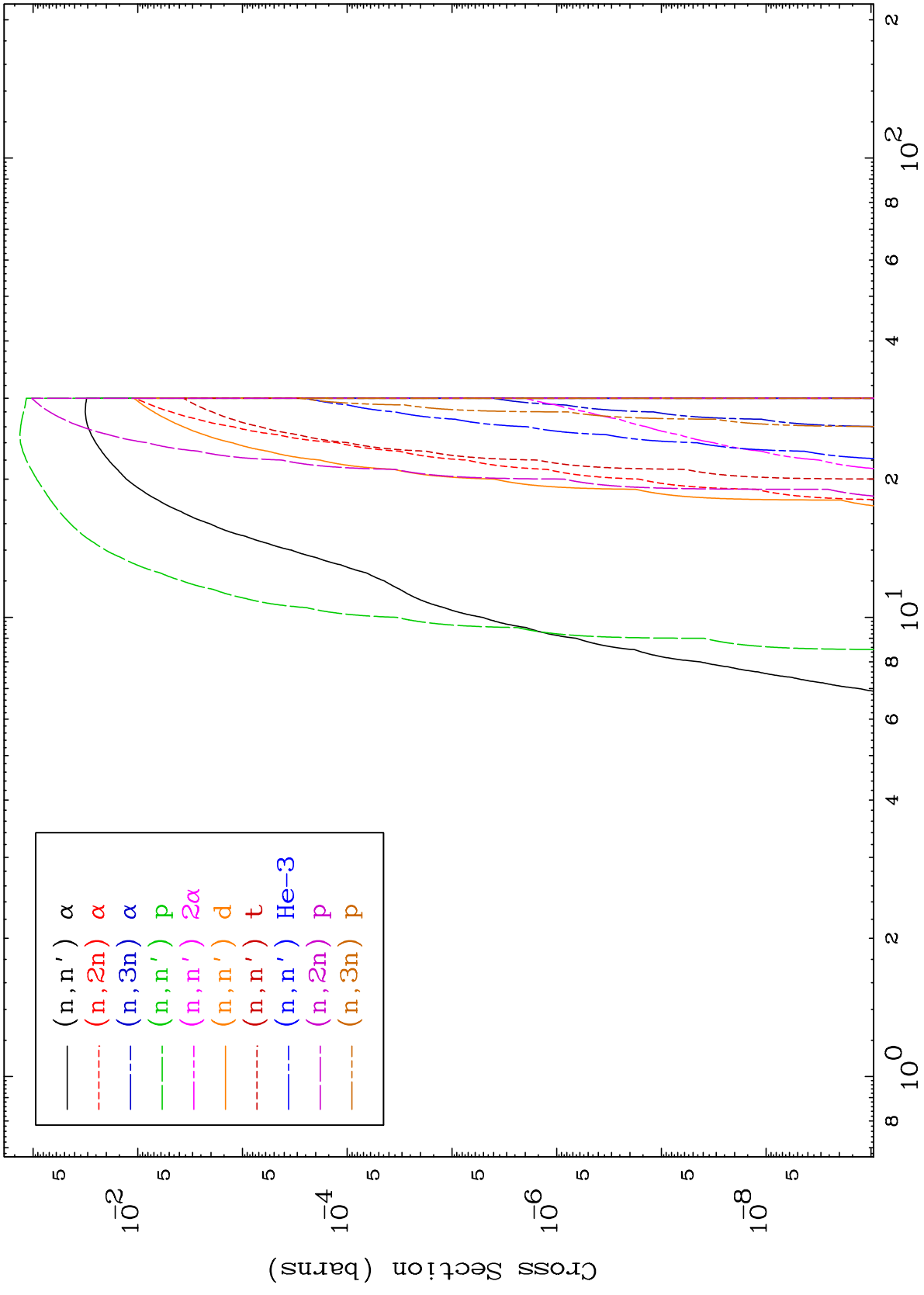
Incident Energy (MeV)

54-Xe-124

MAT 5425

293 Kelvin Cross Sections

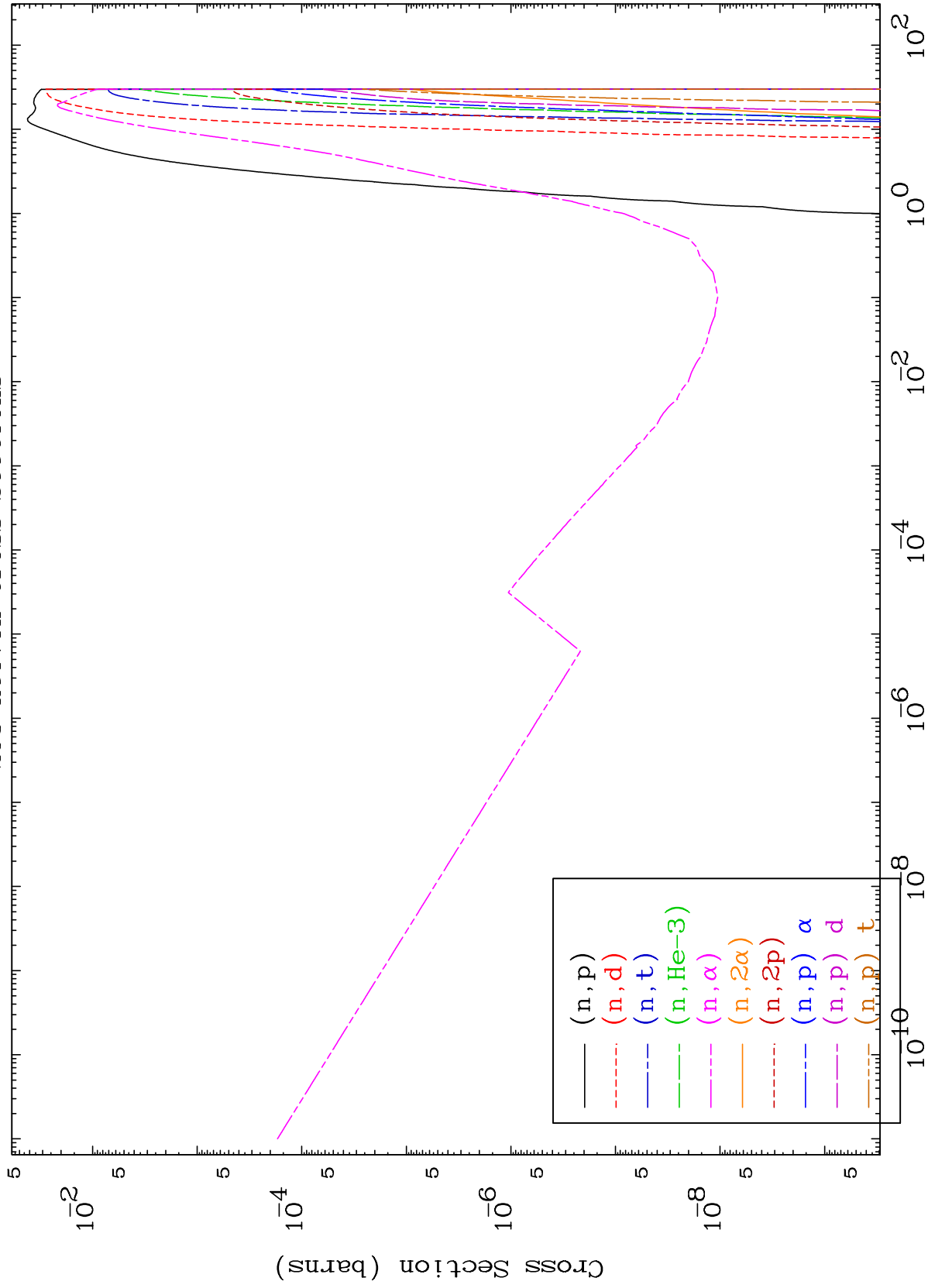
54-Xe-124



MAT 5425

Charged Particle
293 Kelvin Cross Sections

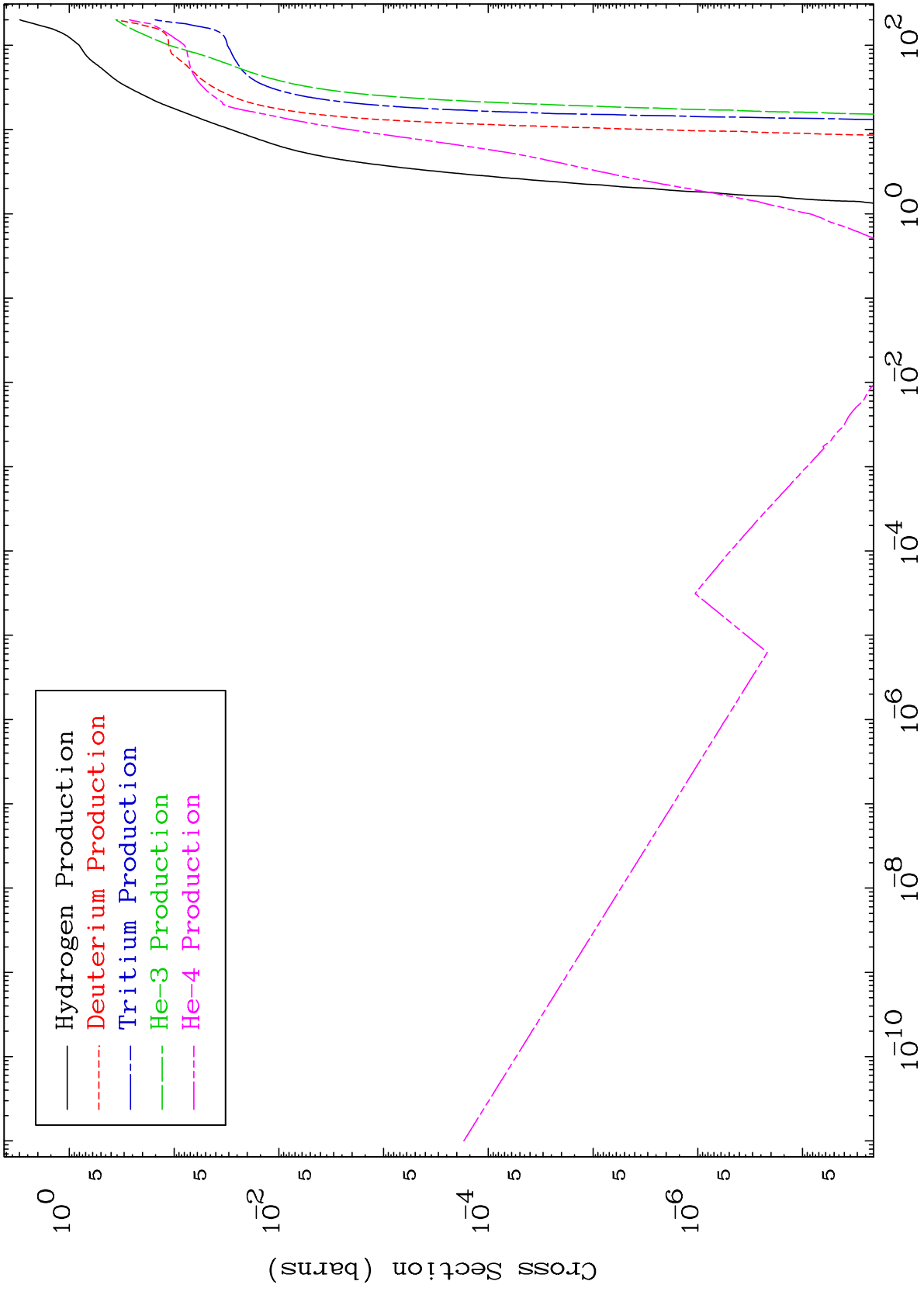
54-Xe-124



MAT 5425

Particle Production
293 Kelvin Cross Sections

54-Xe-124



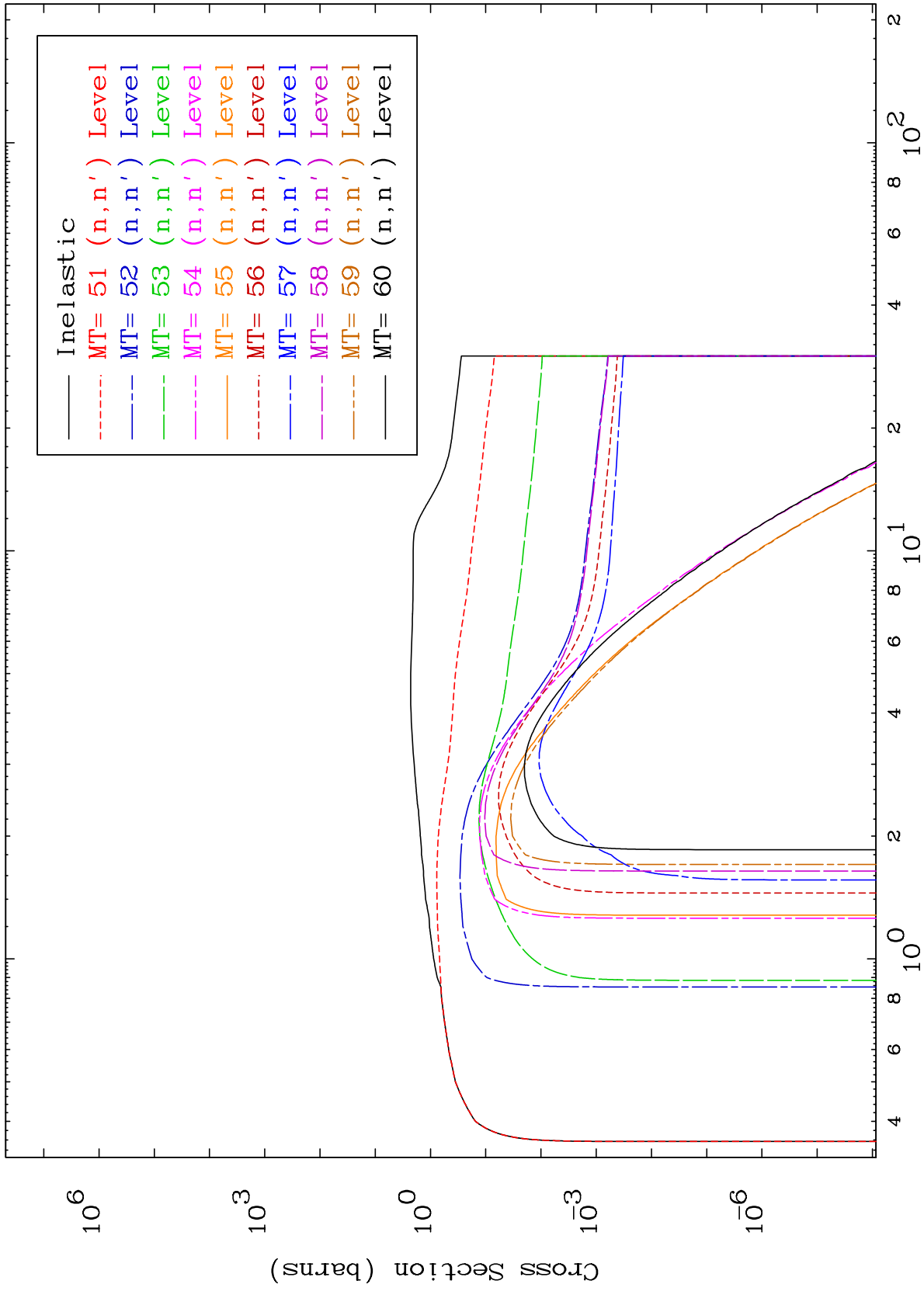
54-Xe-124

MAT 5425

(n,n') Level

54-Xe-124

293 Kelvin Cross Sections



7

Incident Energy (MeV)

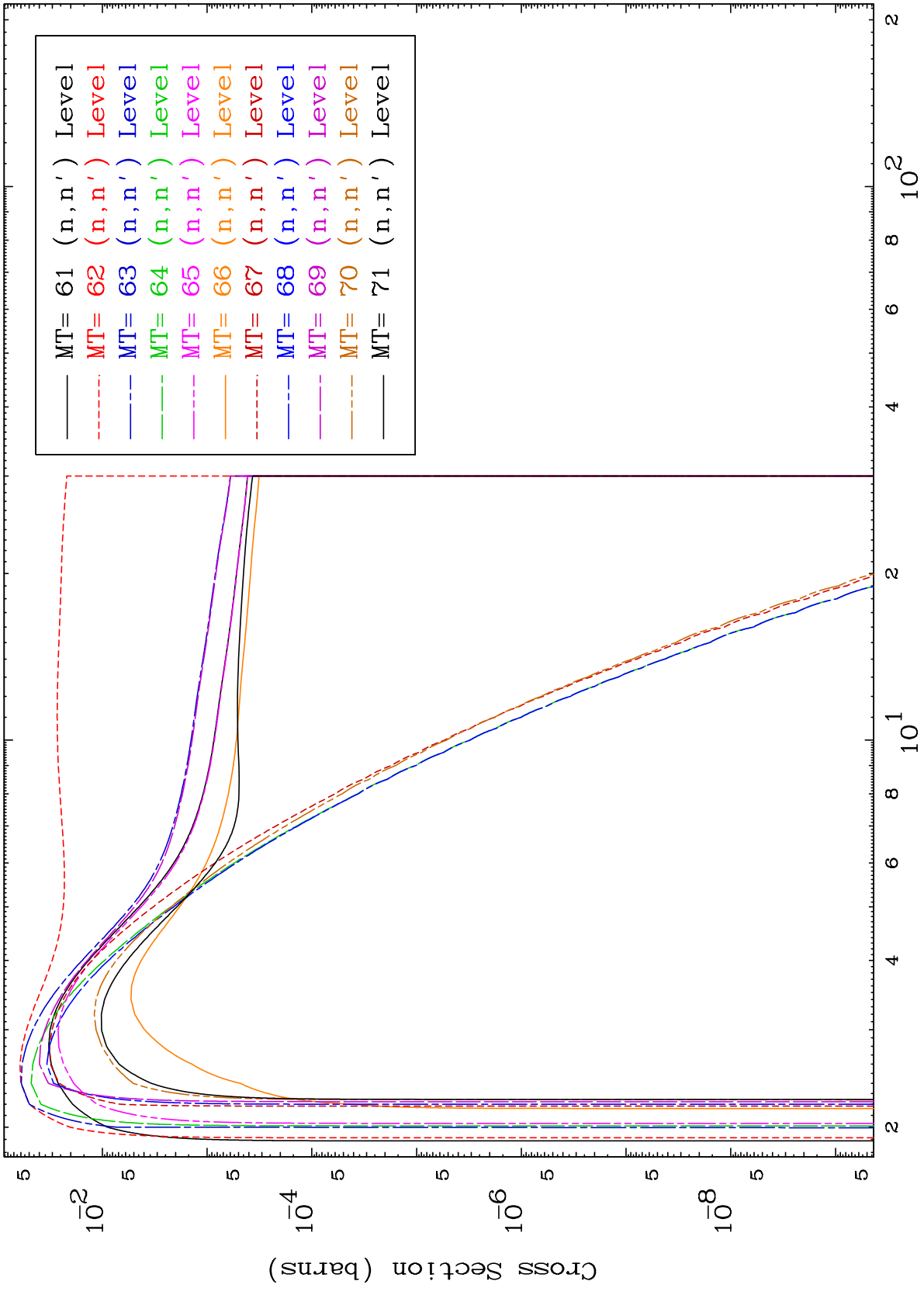
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MAT 5425

(n,n') Level

293 Kelvin Cross Sections

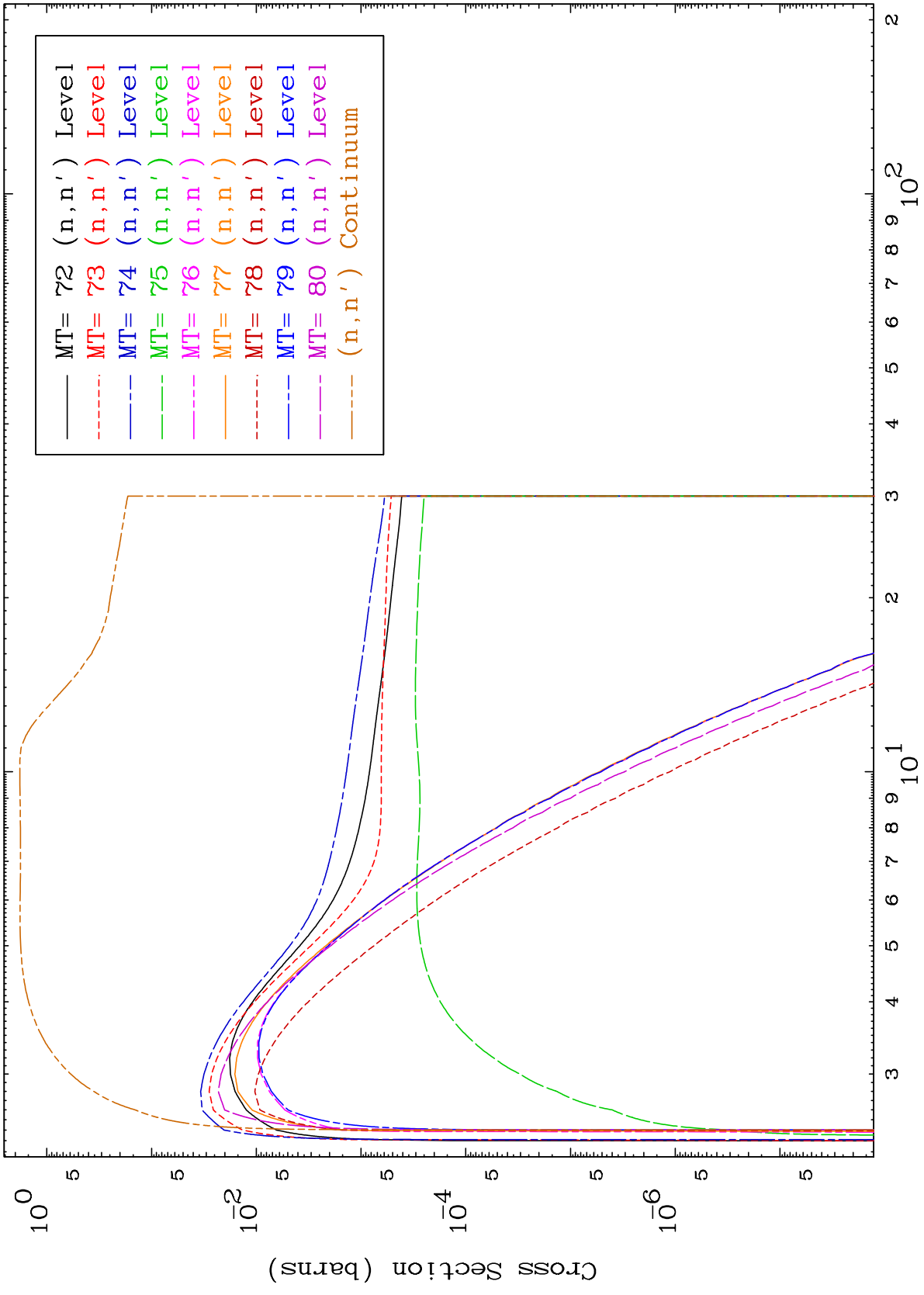
54-Xe-124



8

Incident Energy (MeV)

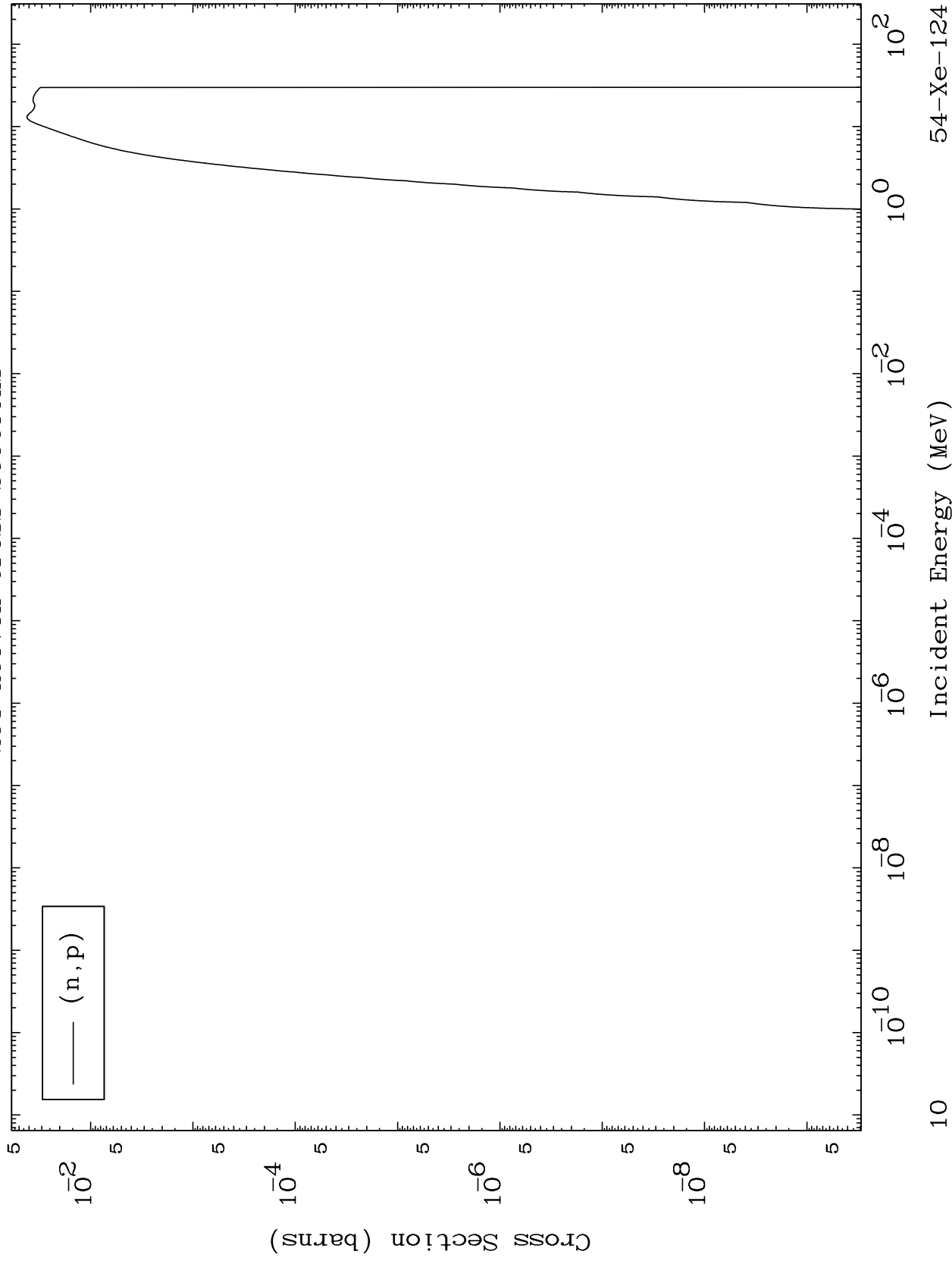
54-Xe-124



MAT 5425

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-124

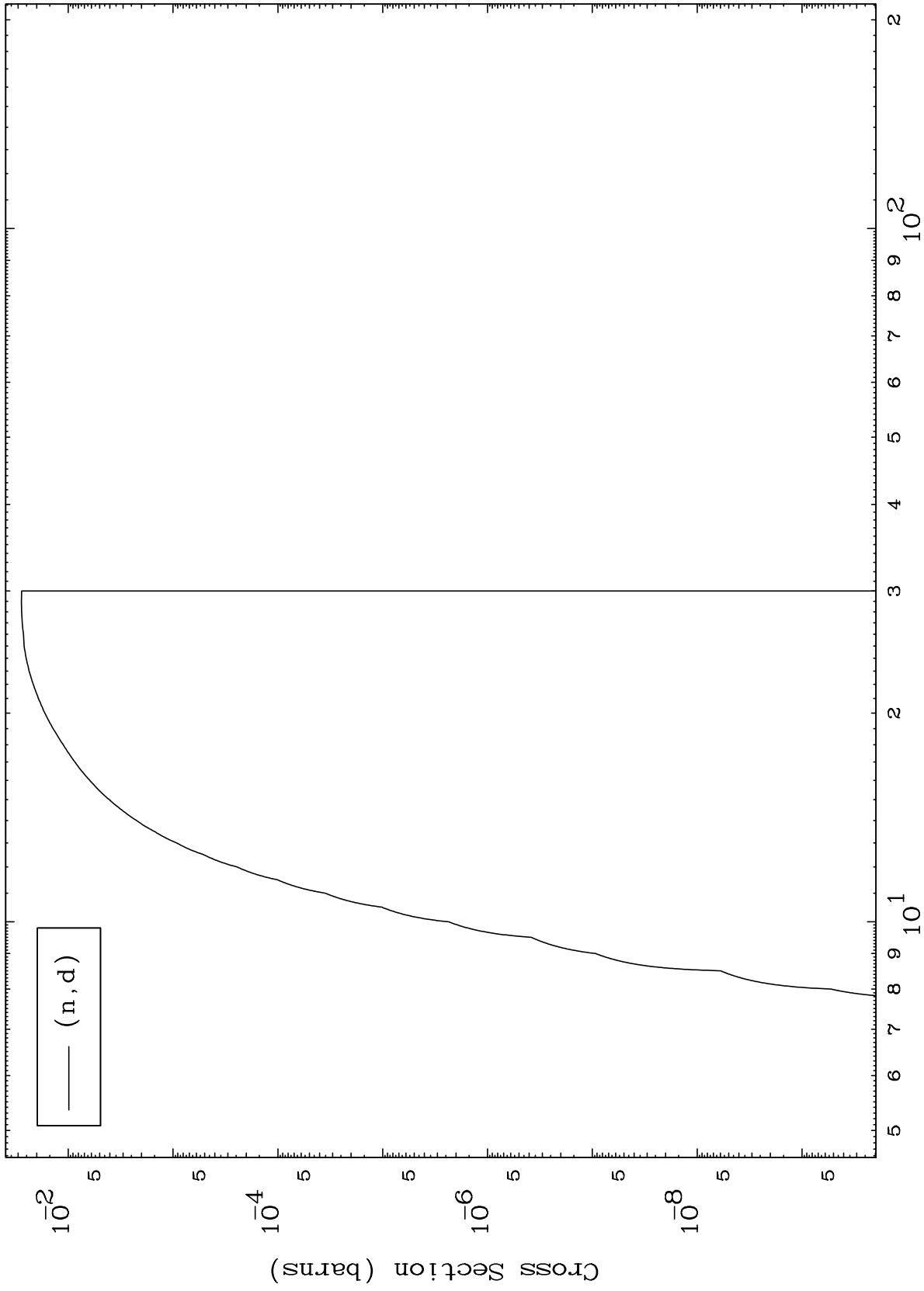


54-Xe-124

MAT 5425

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-124



11

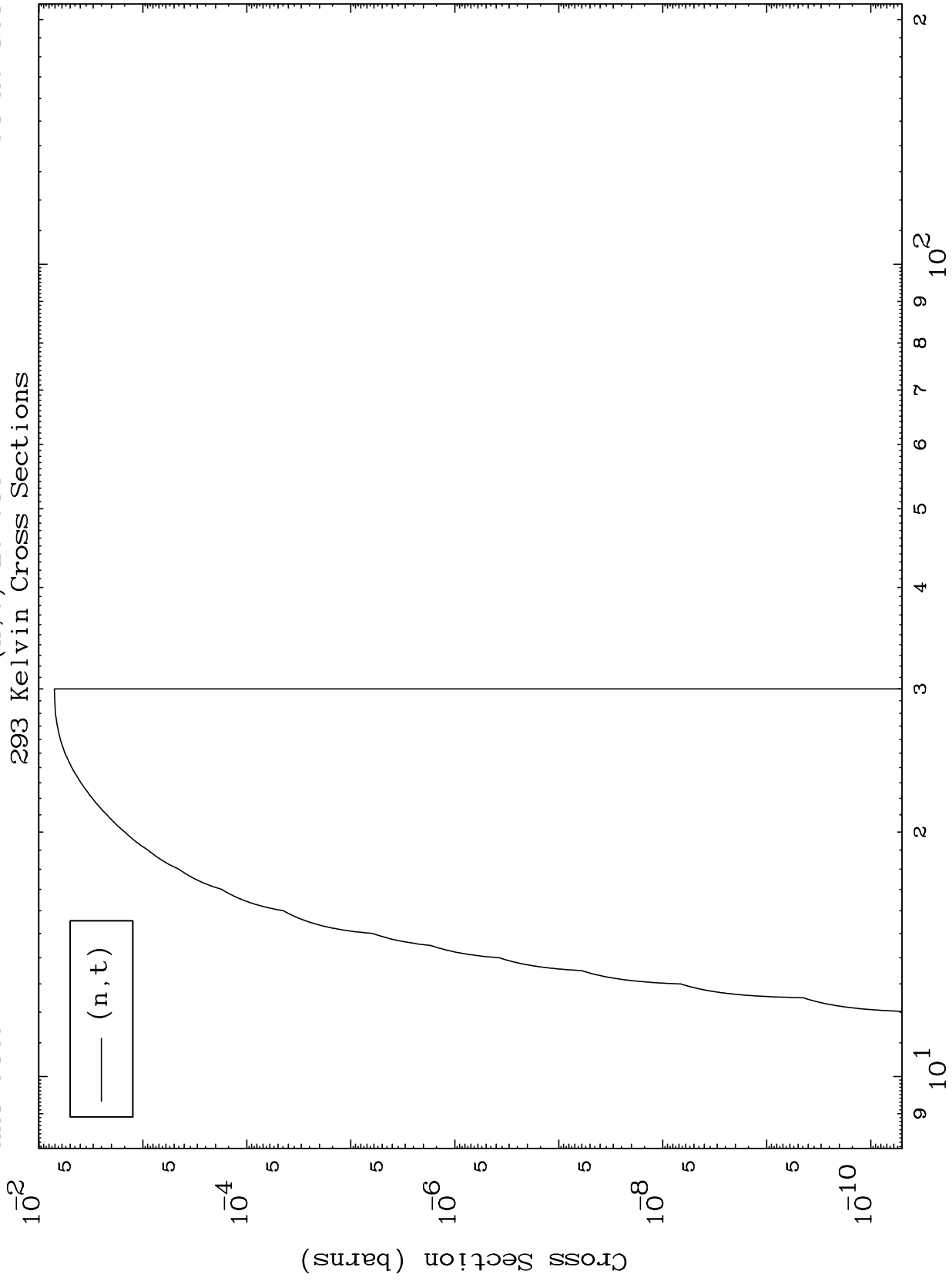
Incident Energy (MeV)

54-Xe-124

MAT 5425

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-124



12

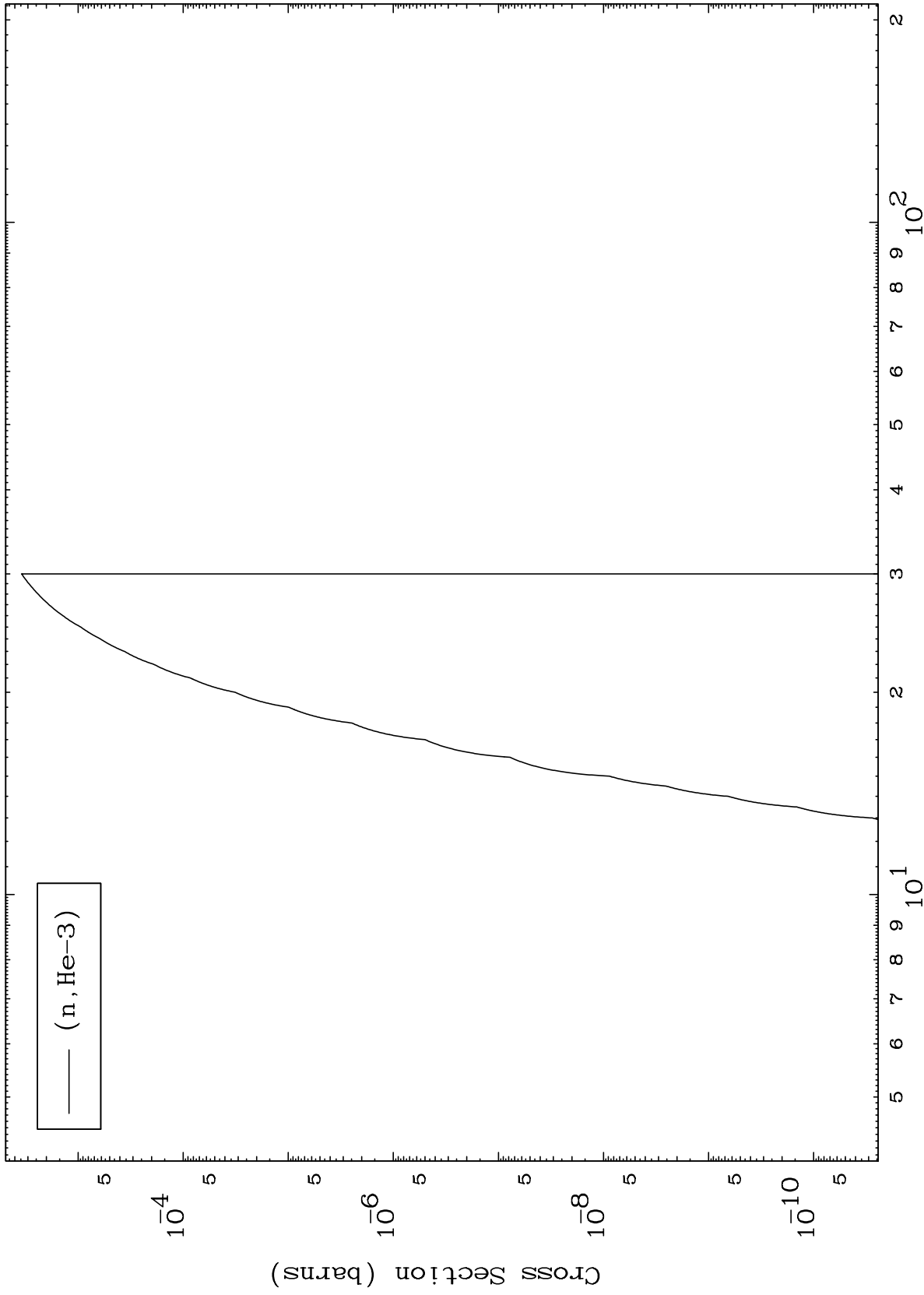
Incident Energy (MeV)

54-Xe-124

MAT 5425

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-124



13

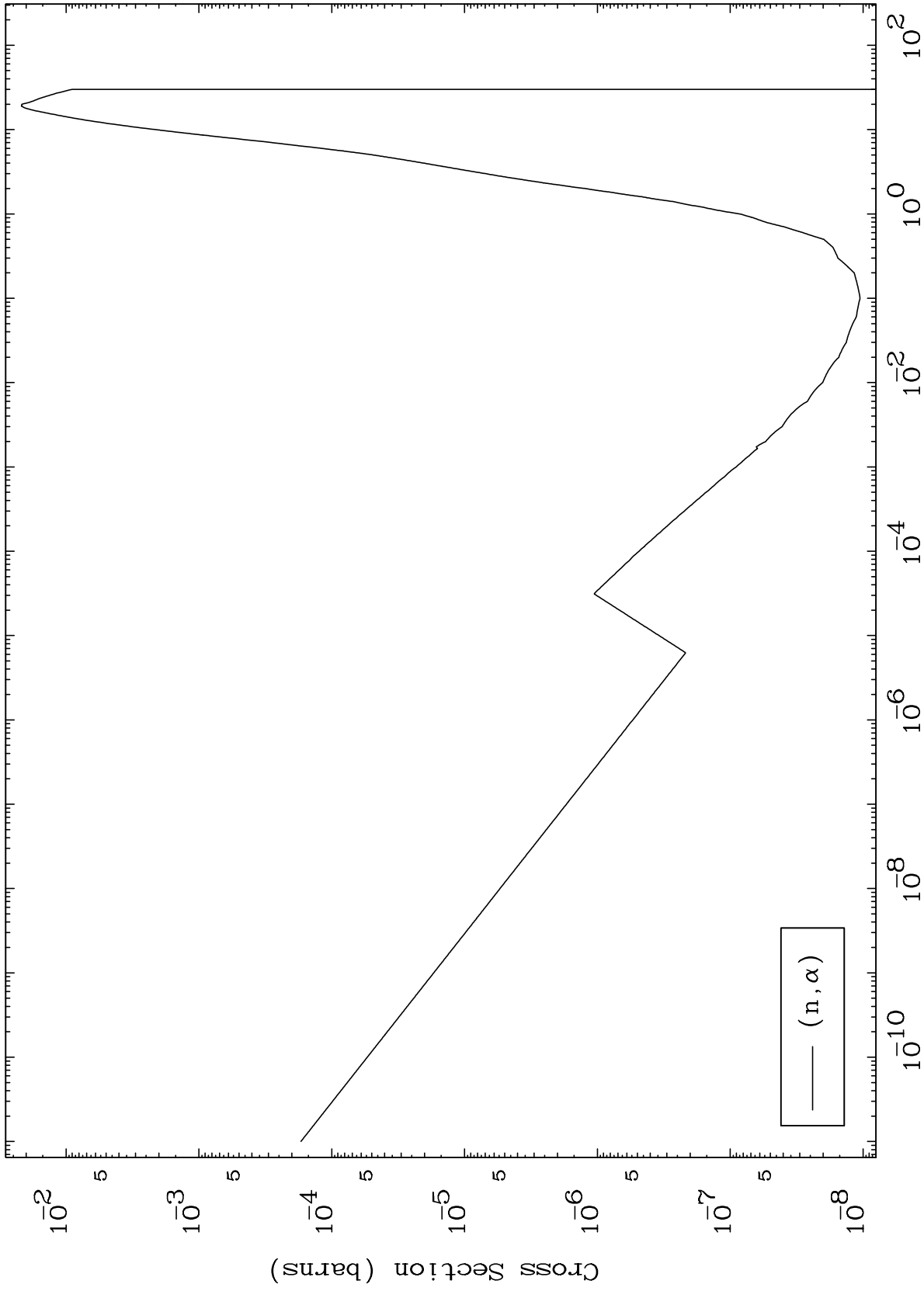
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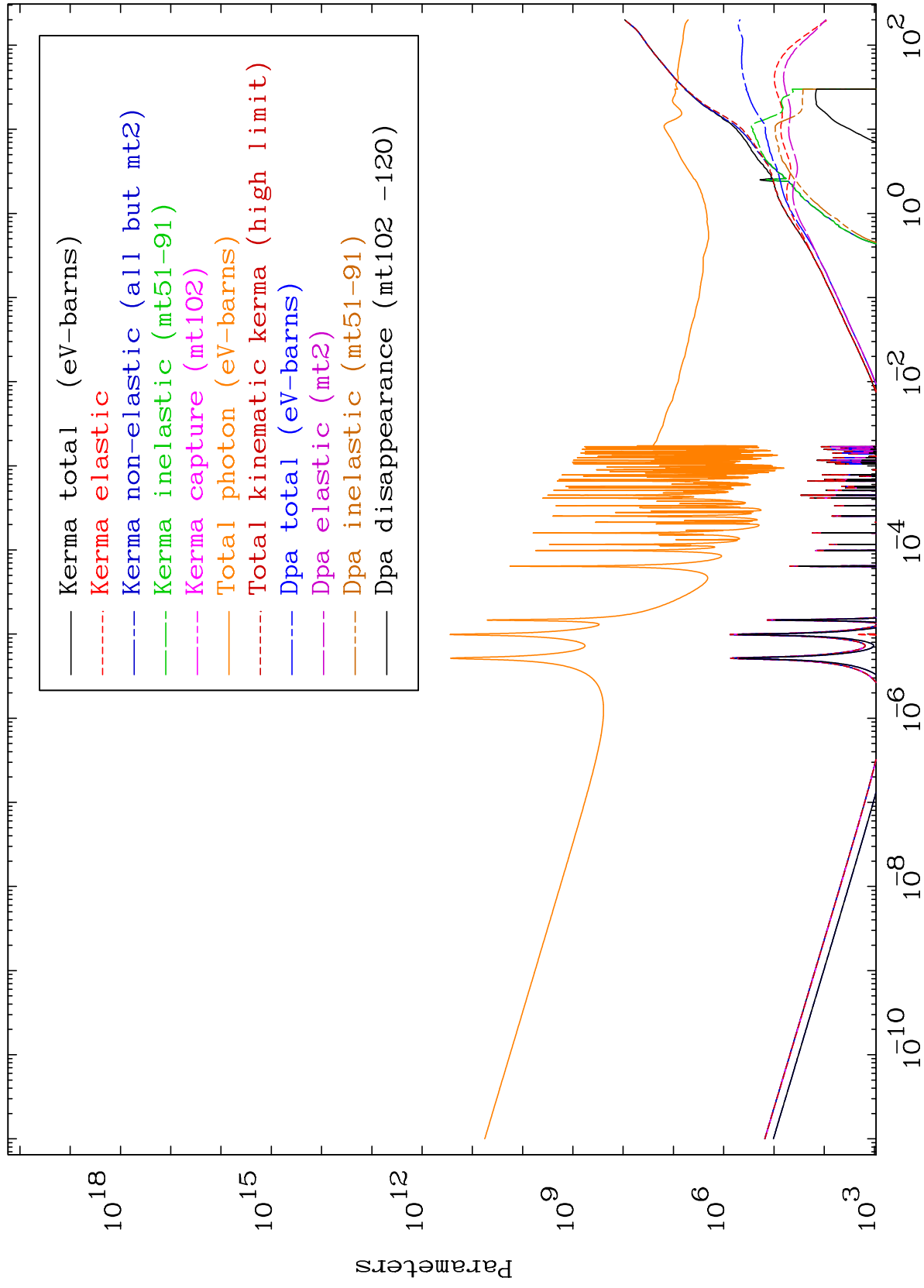
54-Xe-124

MAT 5425

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-124

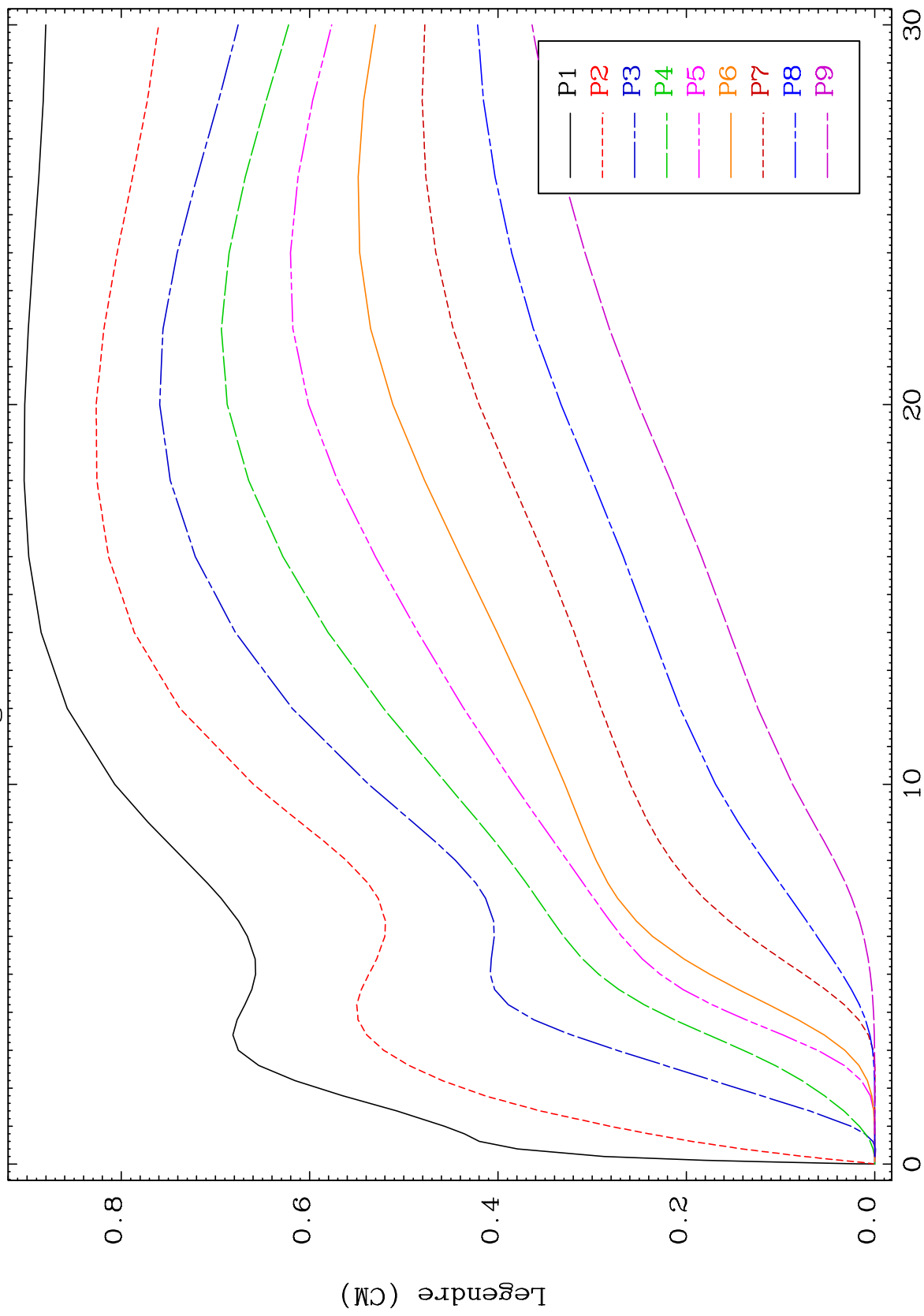




MAT 5425

Elastic Legendre Coefficients

54-Xe-124



16

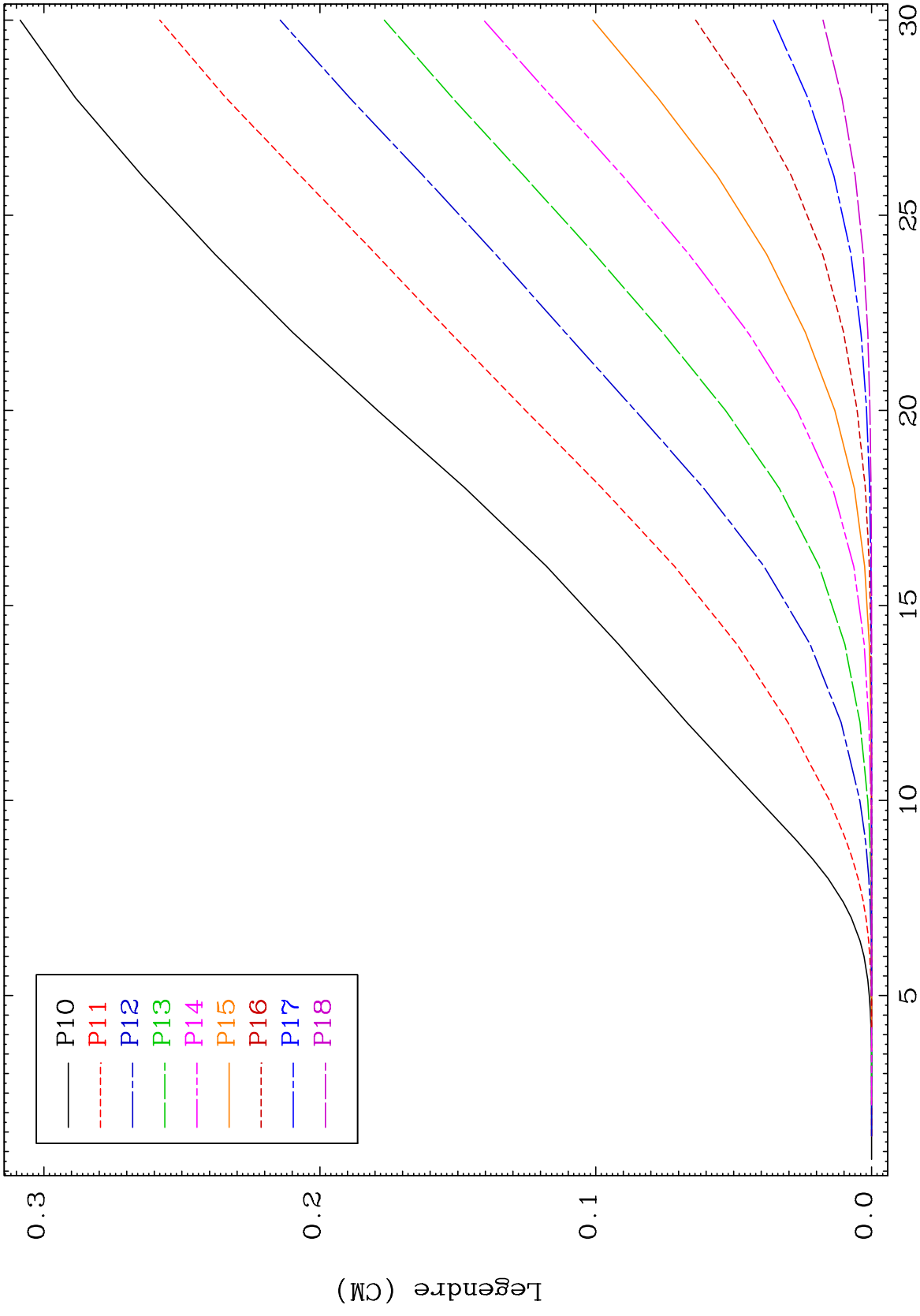
Incident Energy (MeV)

54-Xe-124

MAT 5425

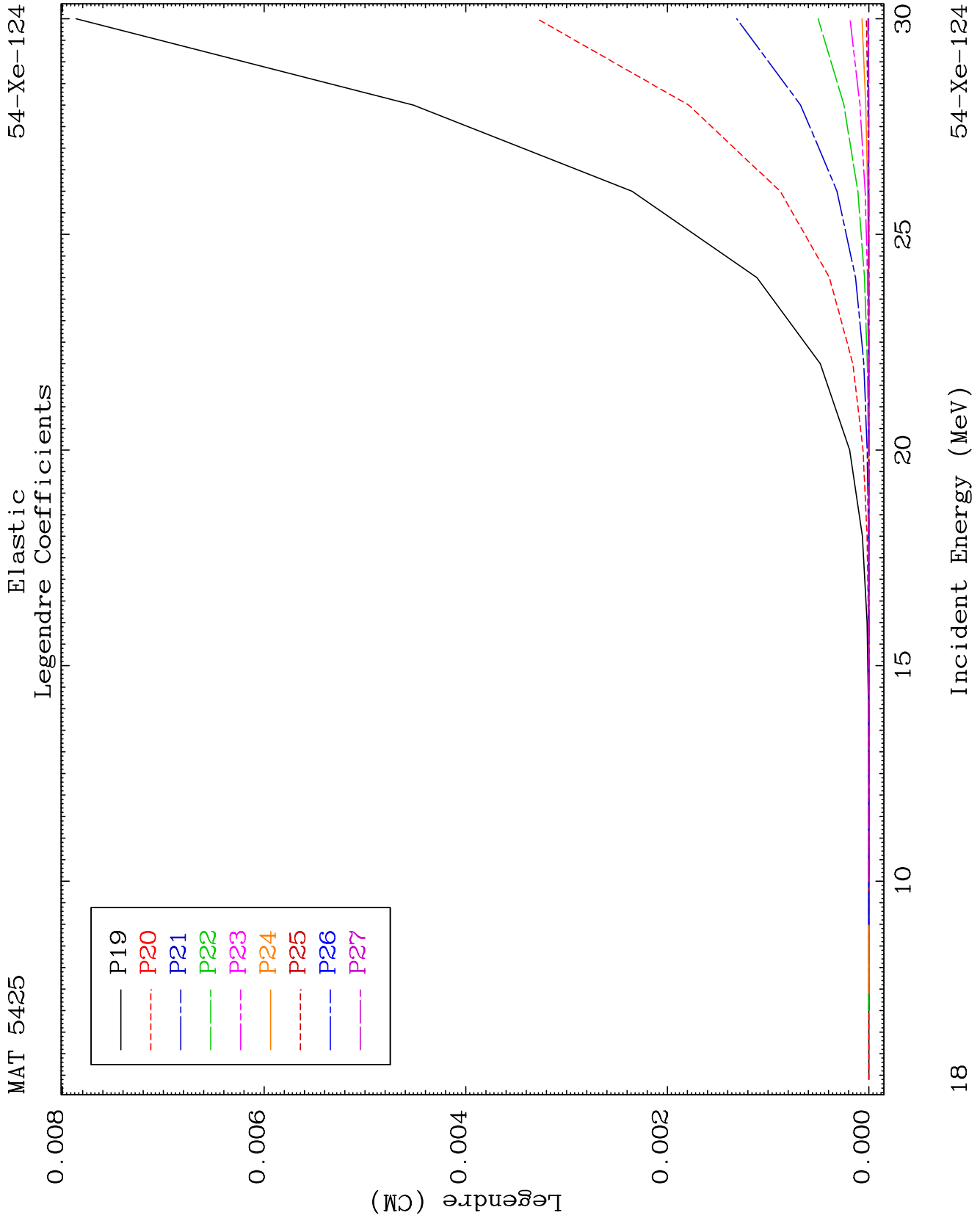
Elastic Legendre Coefficients

54-Xe-124



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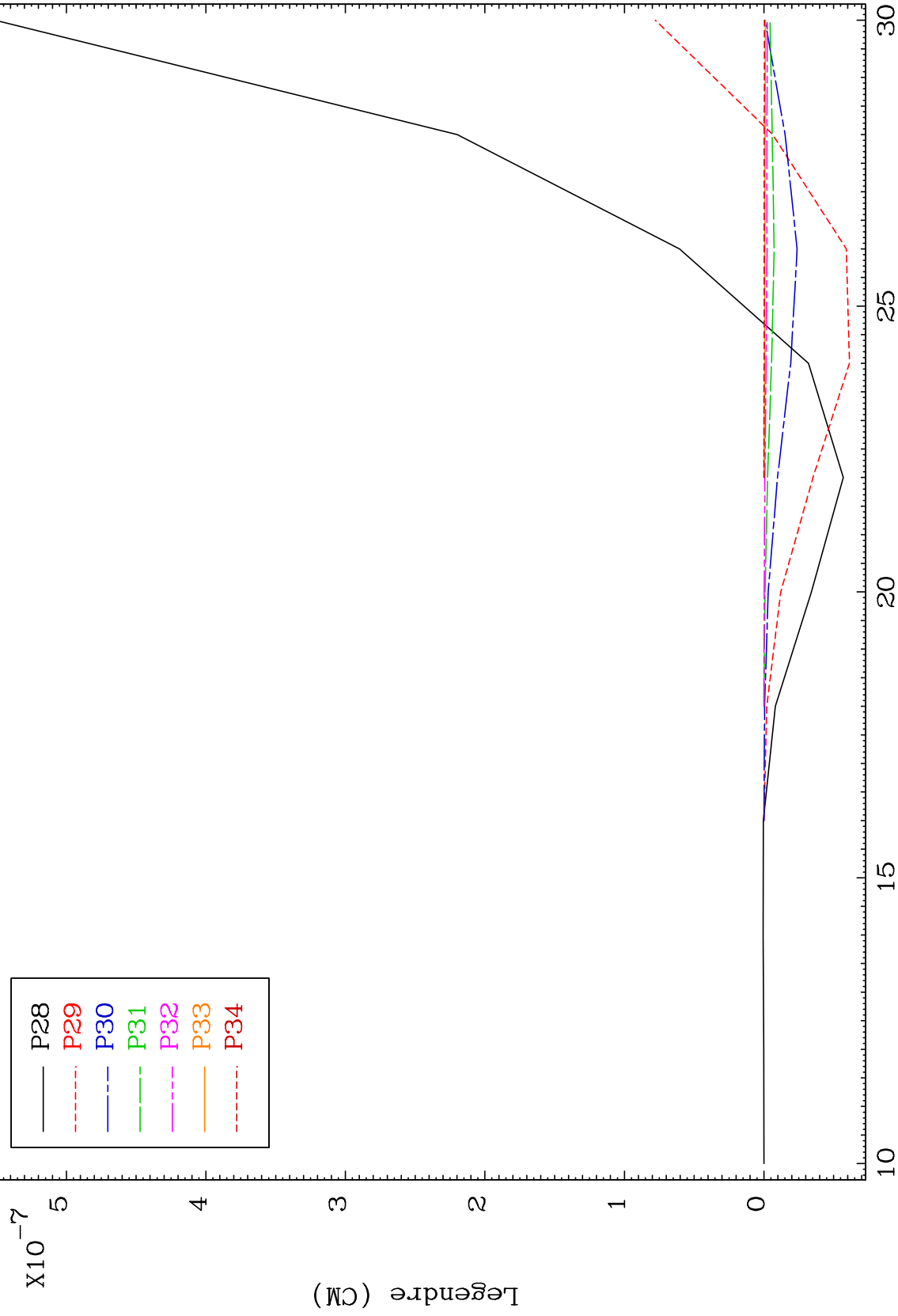
54-Xe-124



MAT 5425

Elastic Legendre Coefficients

54-Xe-124



19

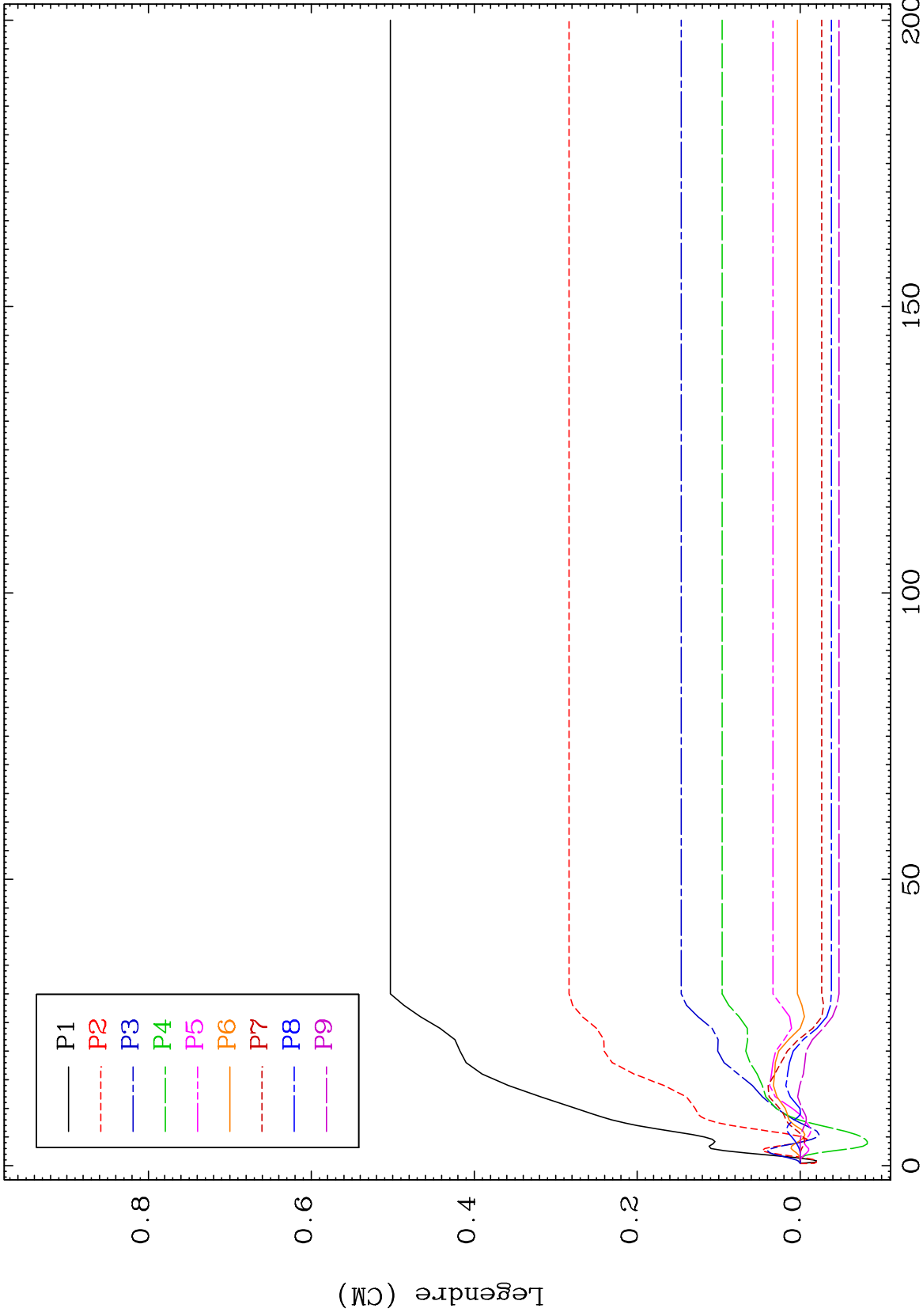
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



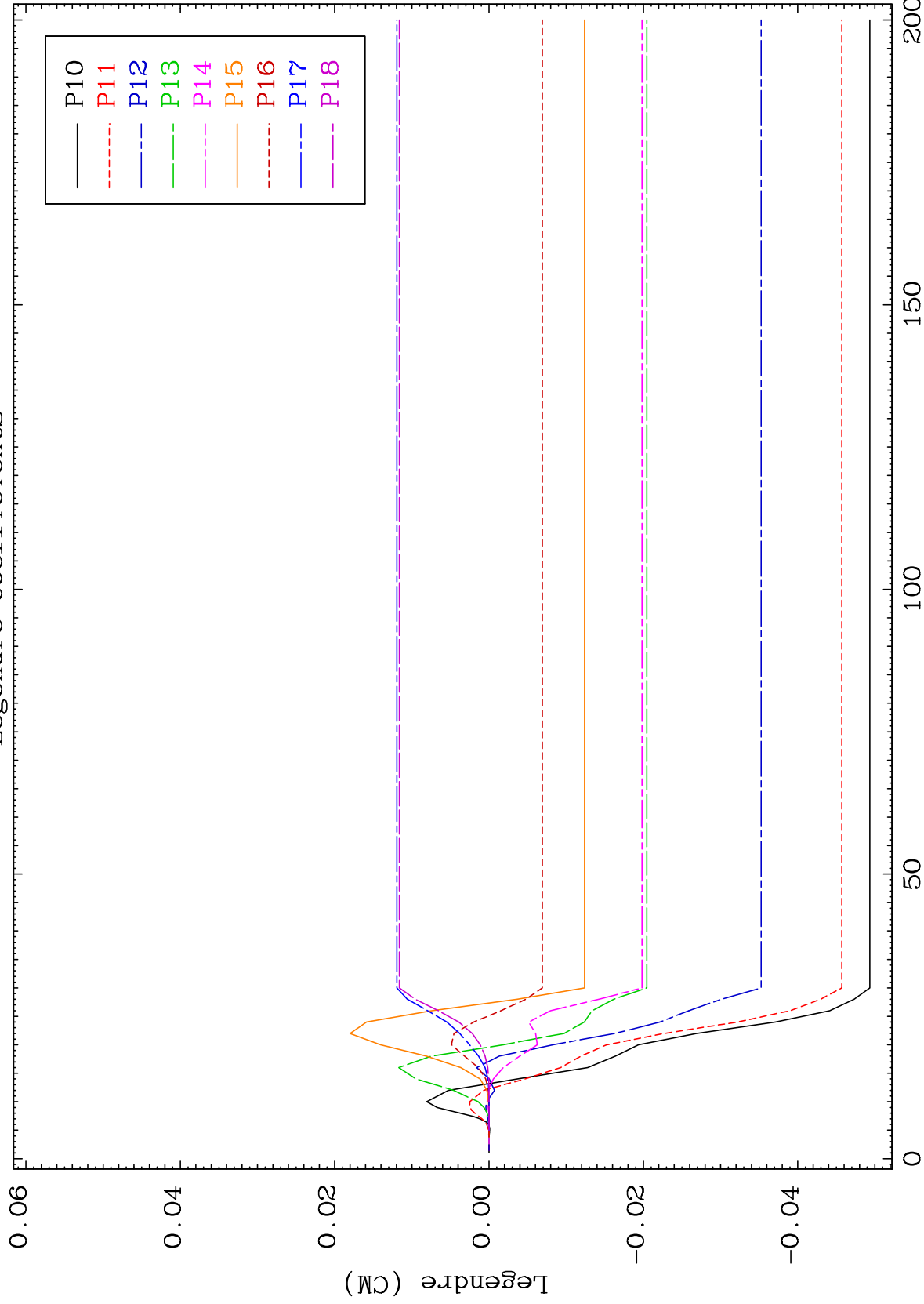
54-Xe-124

Incident Energy (MeV)

MAT 5425

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

54-Xe-124



21

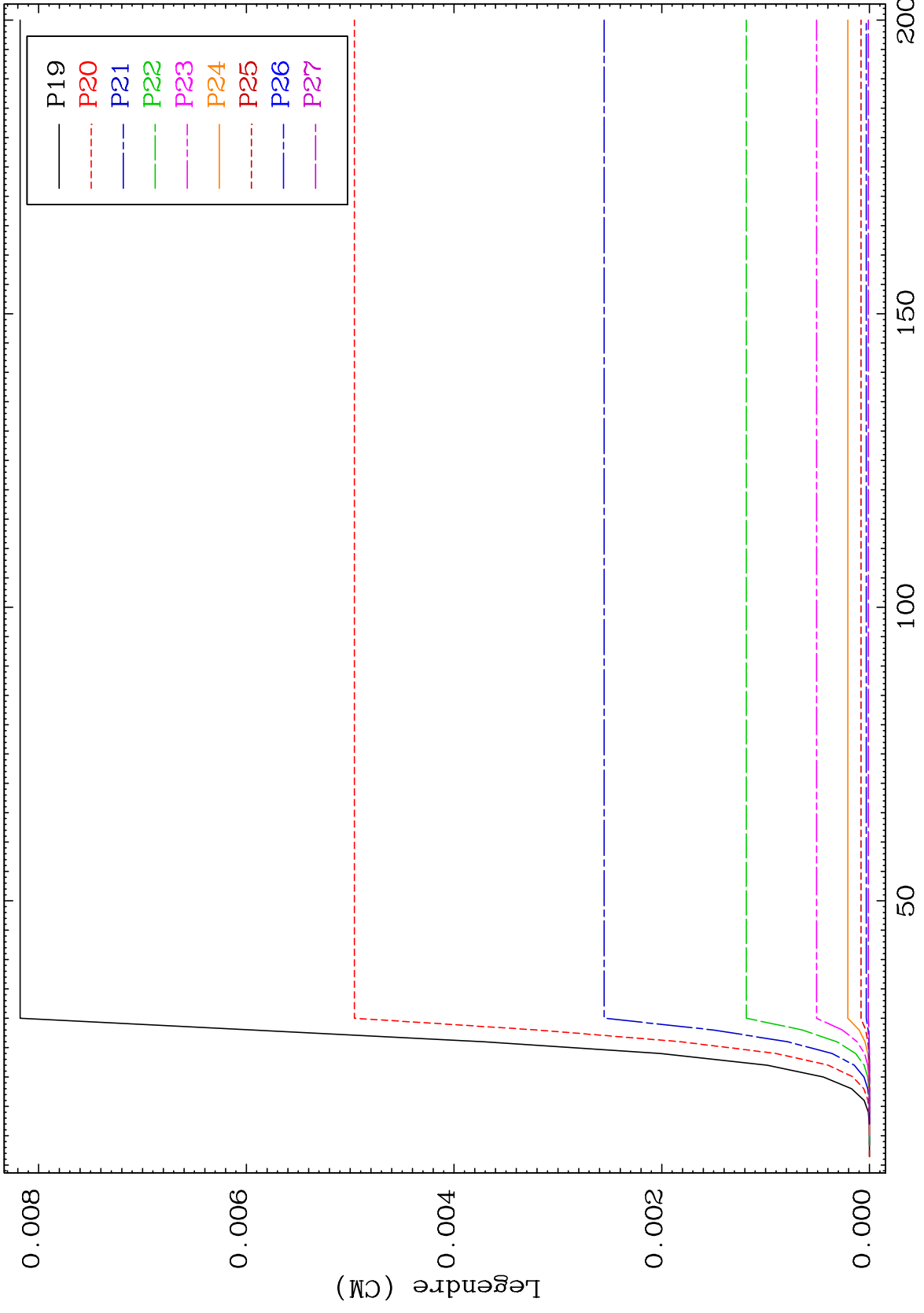
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



22

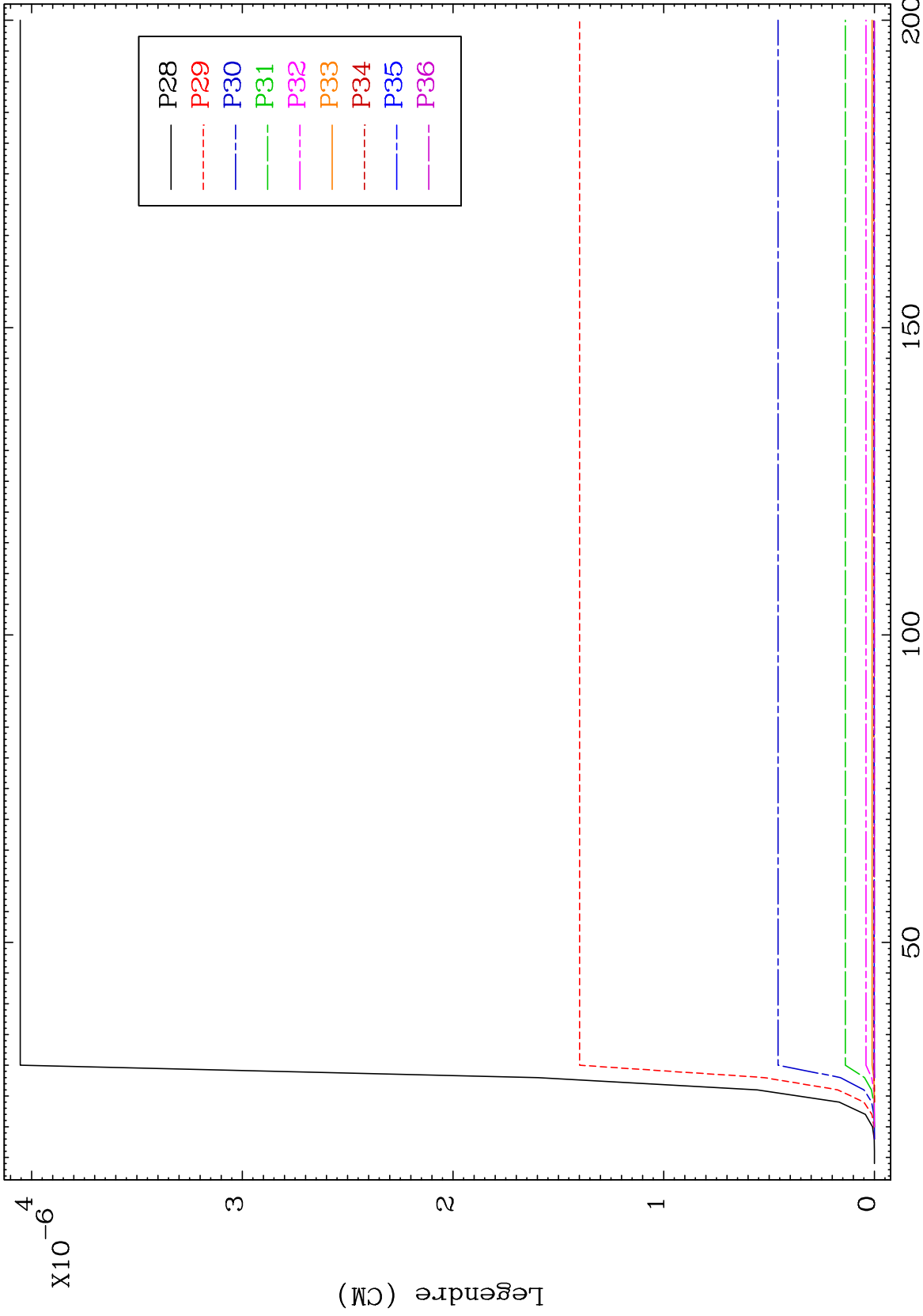
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



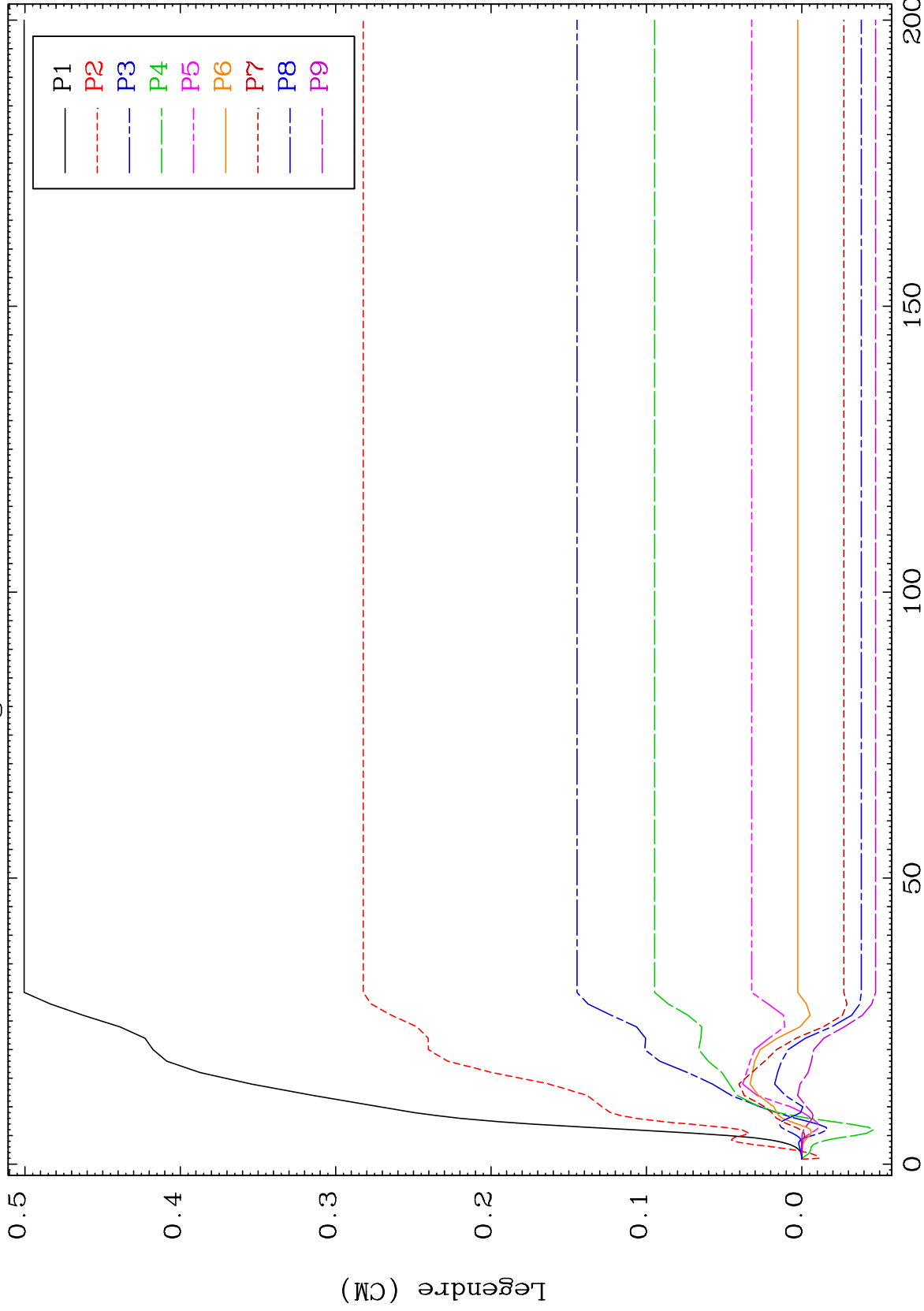
23

54-Xe-124

MAT 5425

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

54-Xe-124

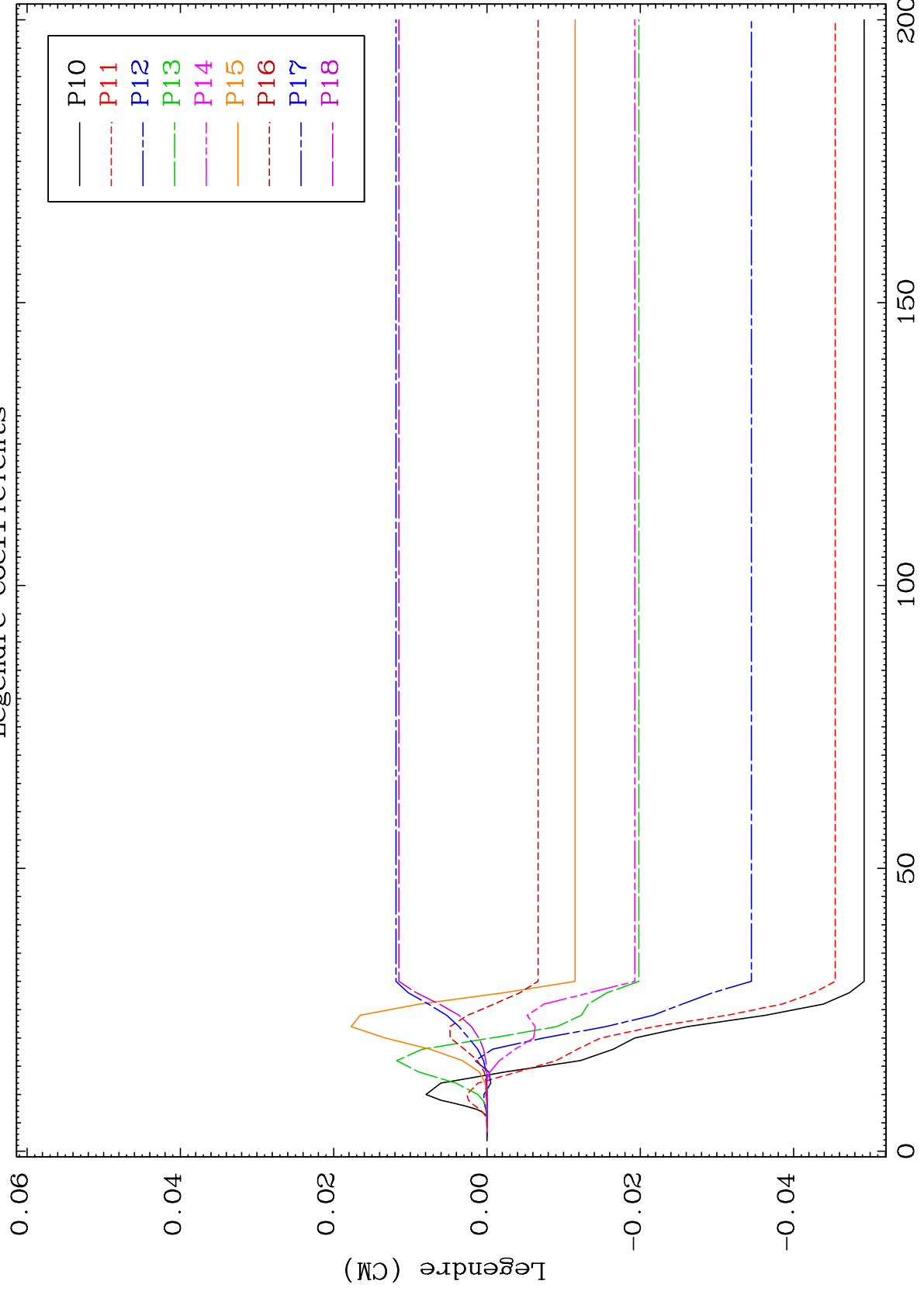


24

Incident Energy (MeV)

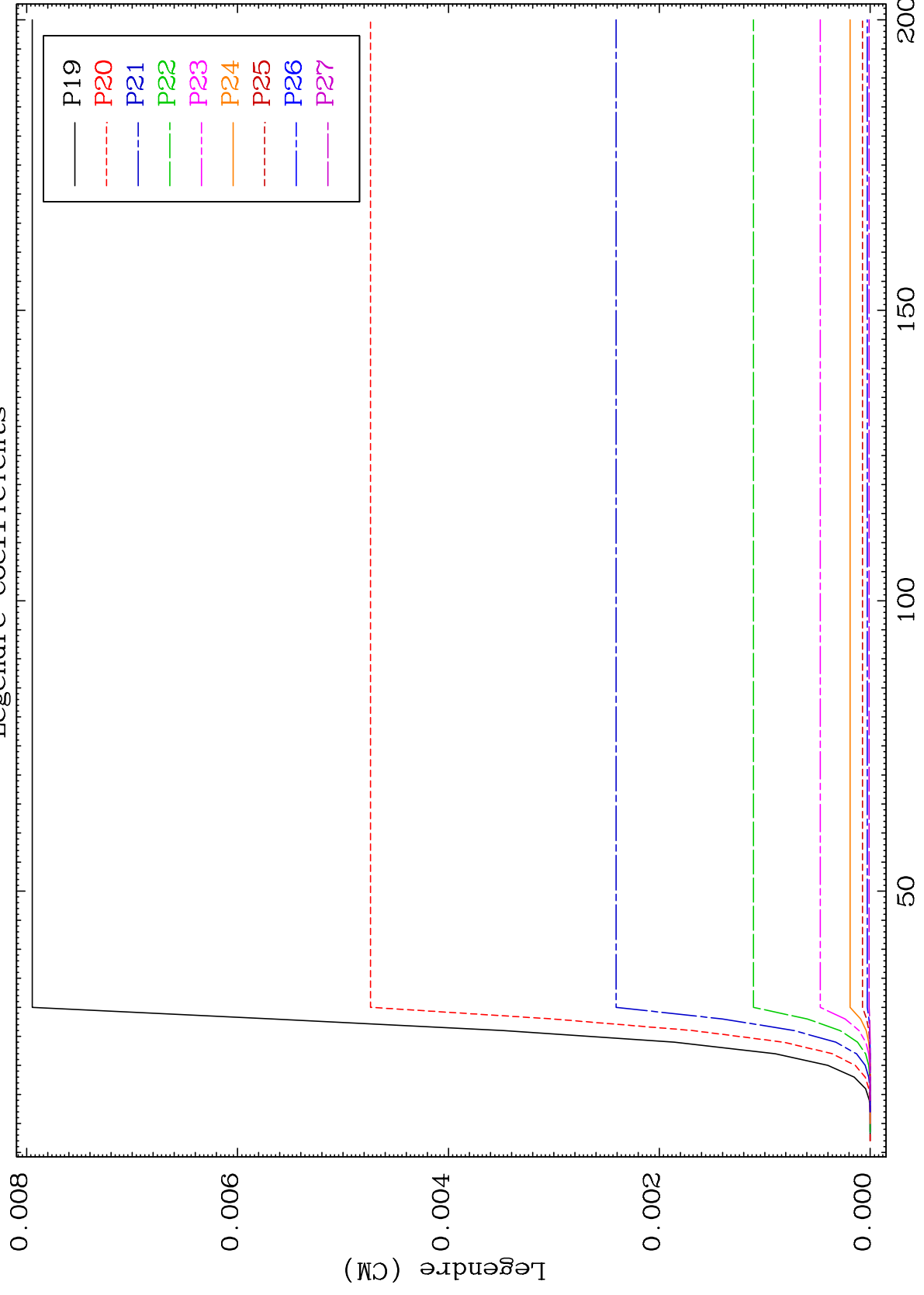
54-Xe-124

MAT 5425 MT= 52 (n,n') Level Legendre Coefficients 54-Xe-124



25 Incident Energy (MeV) 54-Xe-124

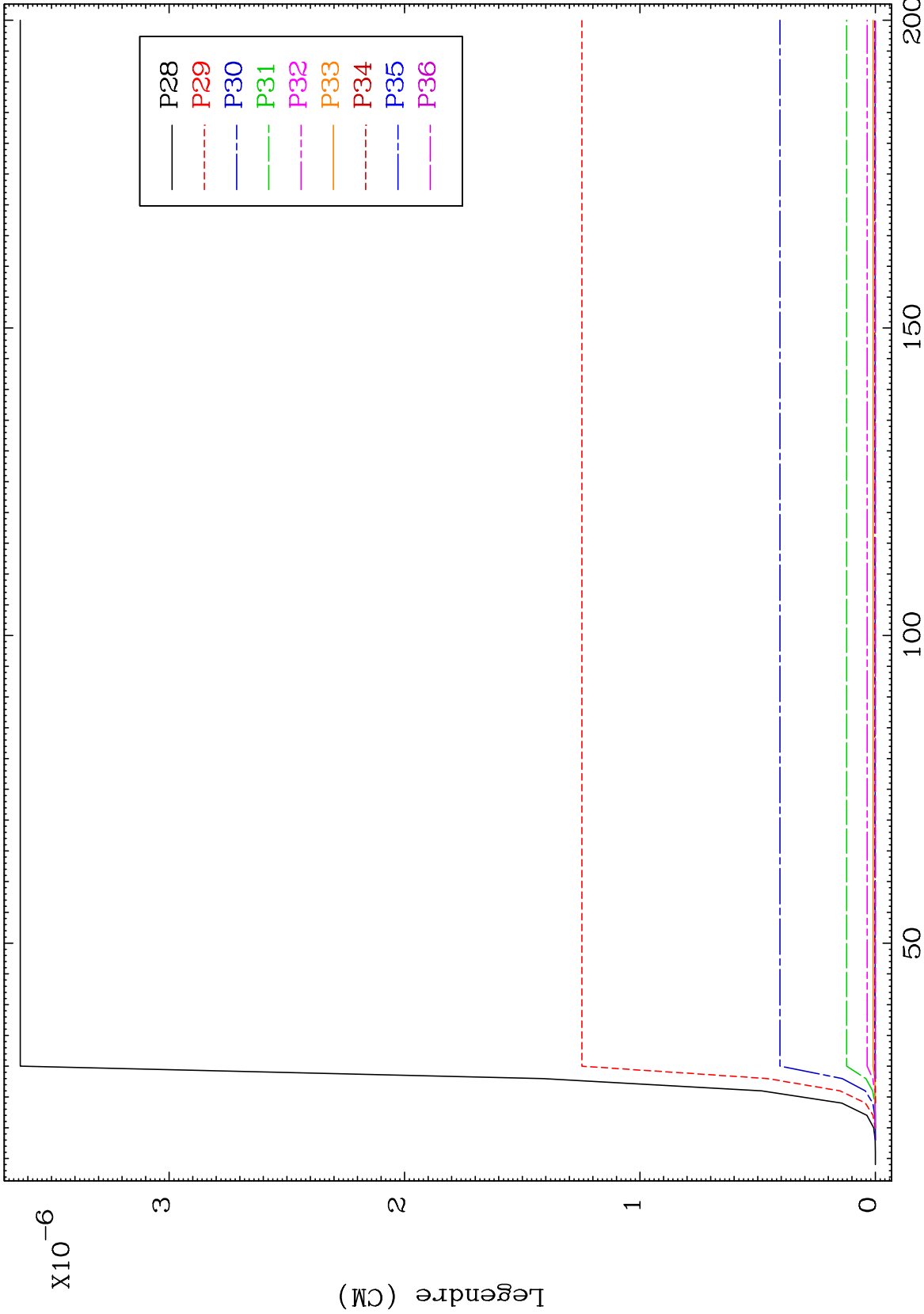
MAT 5425 MT= 52 (n,n') Level Legendre Coefficients 54-Xe-124



MAT 5425

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

54-Xe-124



27

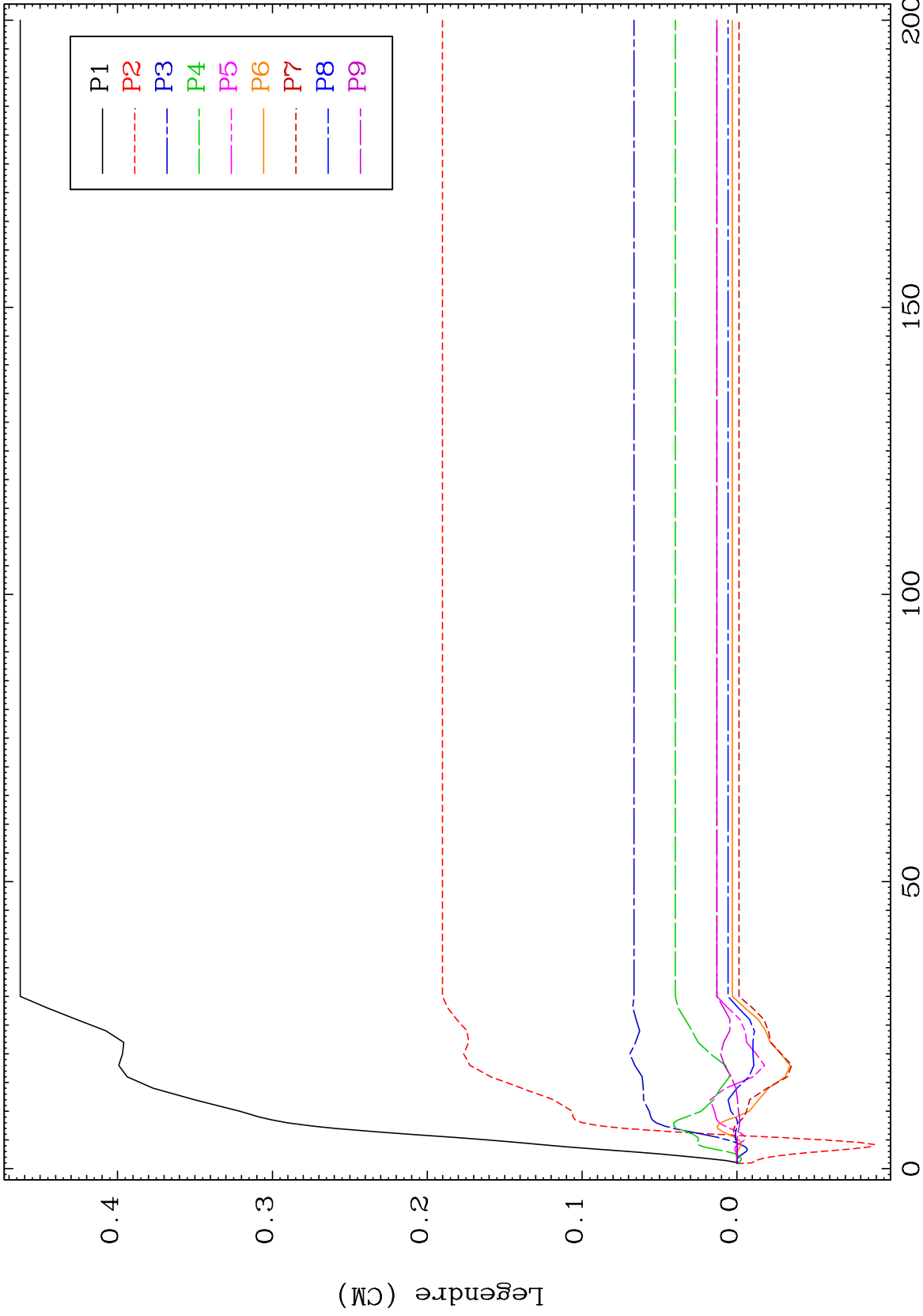
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



28

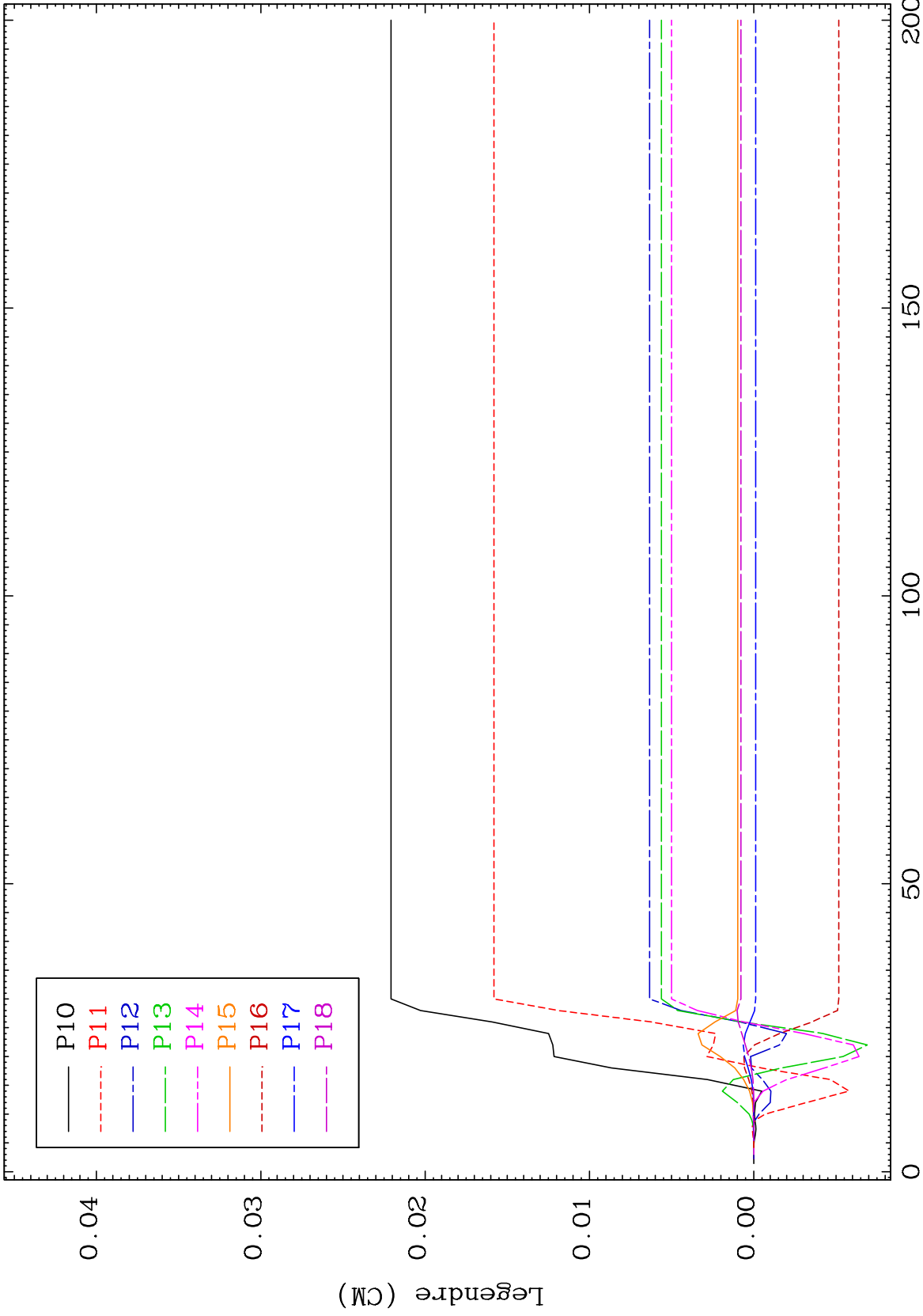
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



29

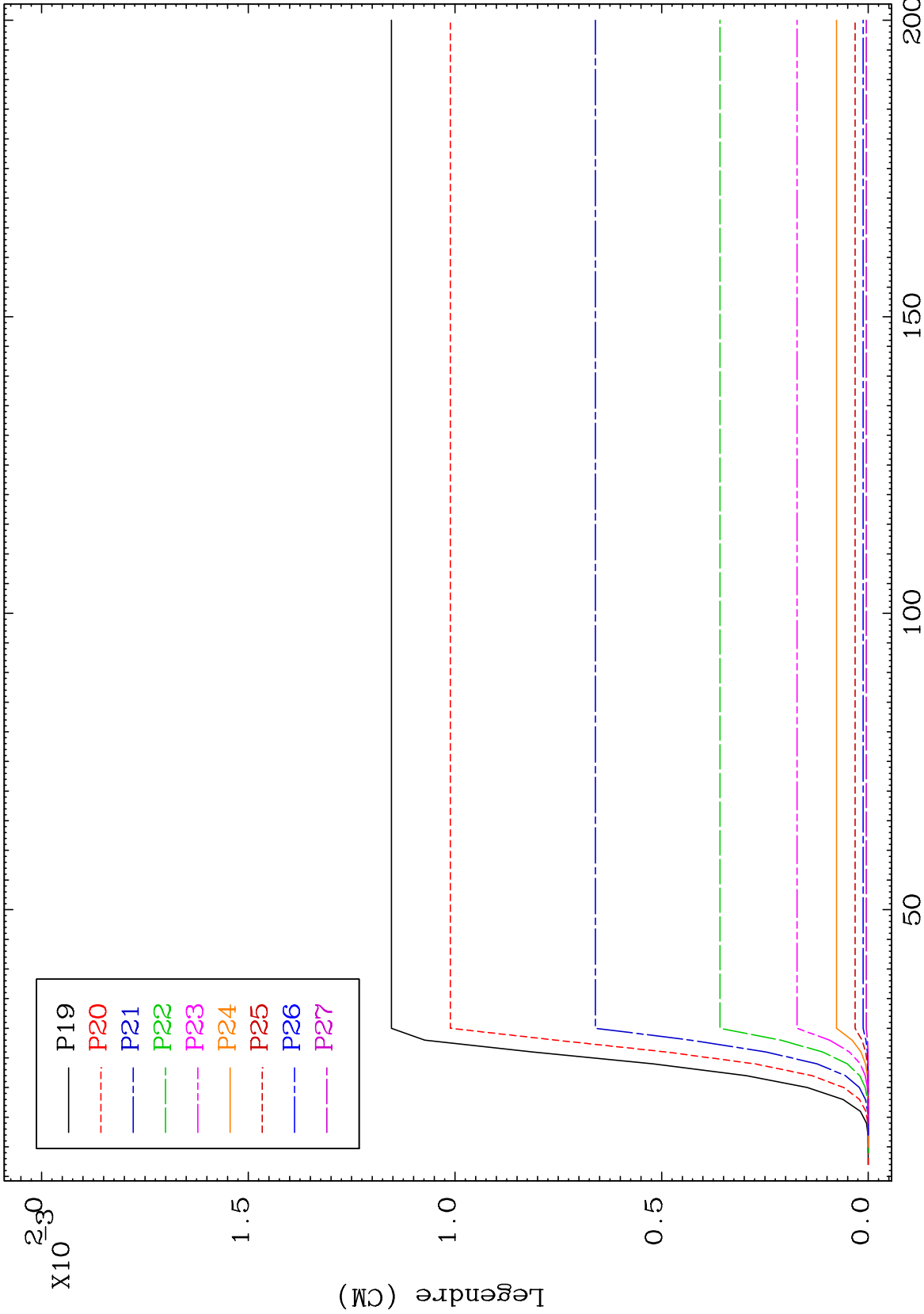
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



30

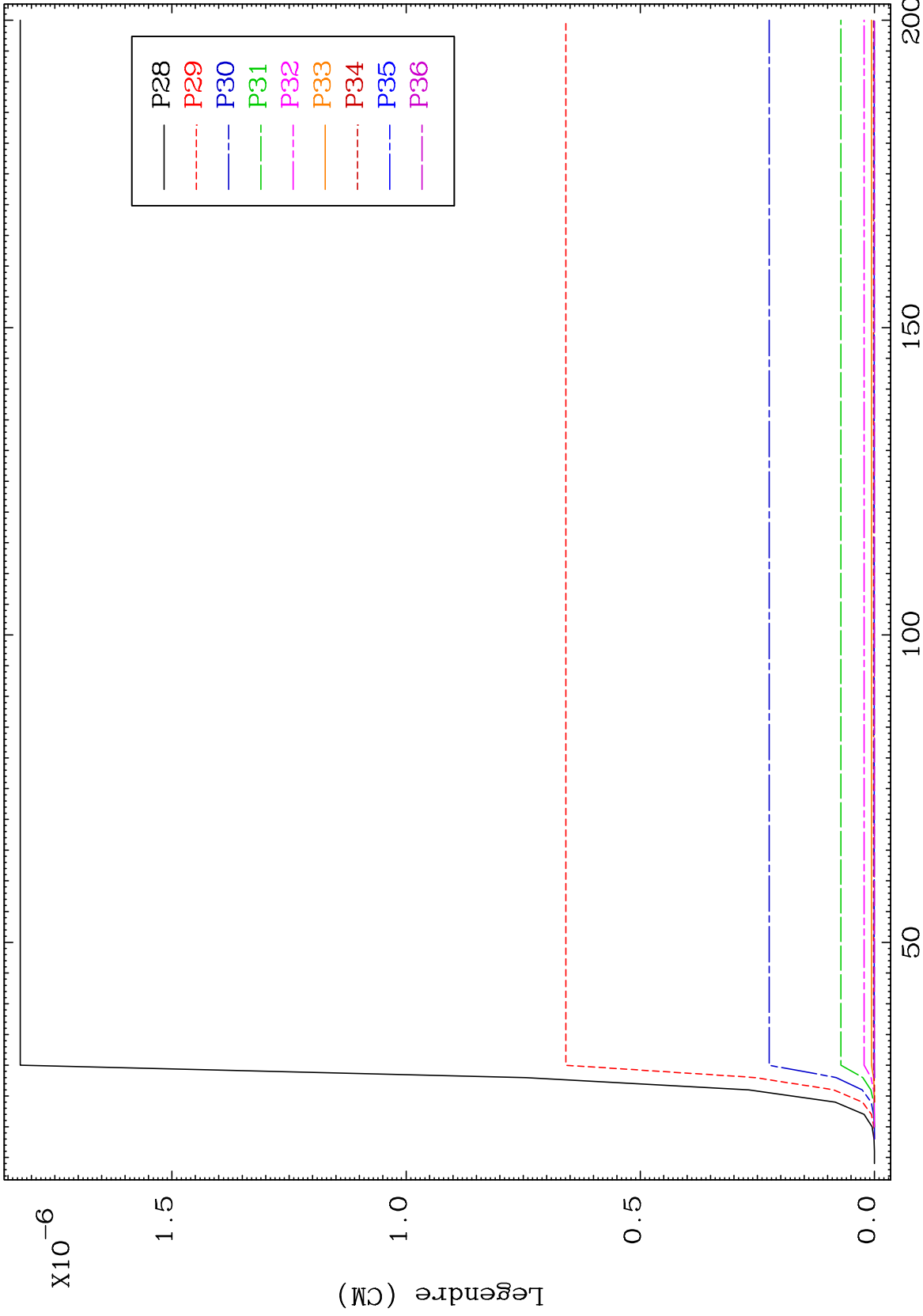
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

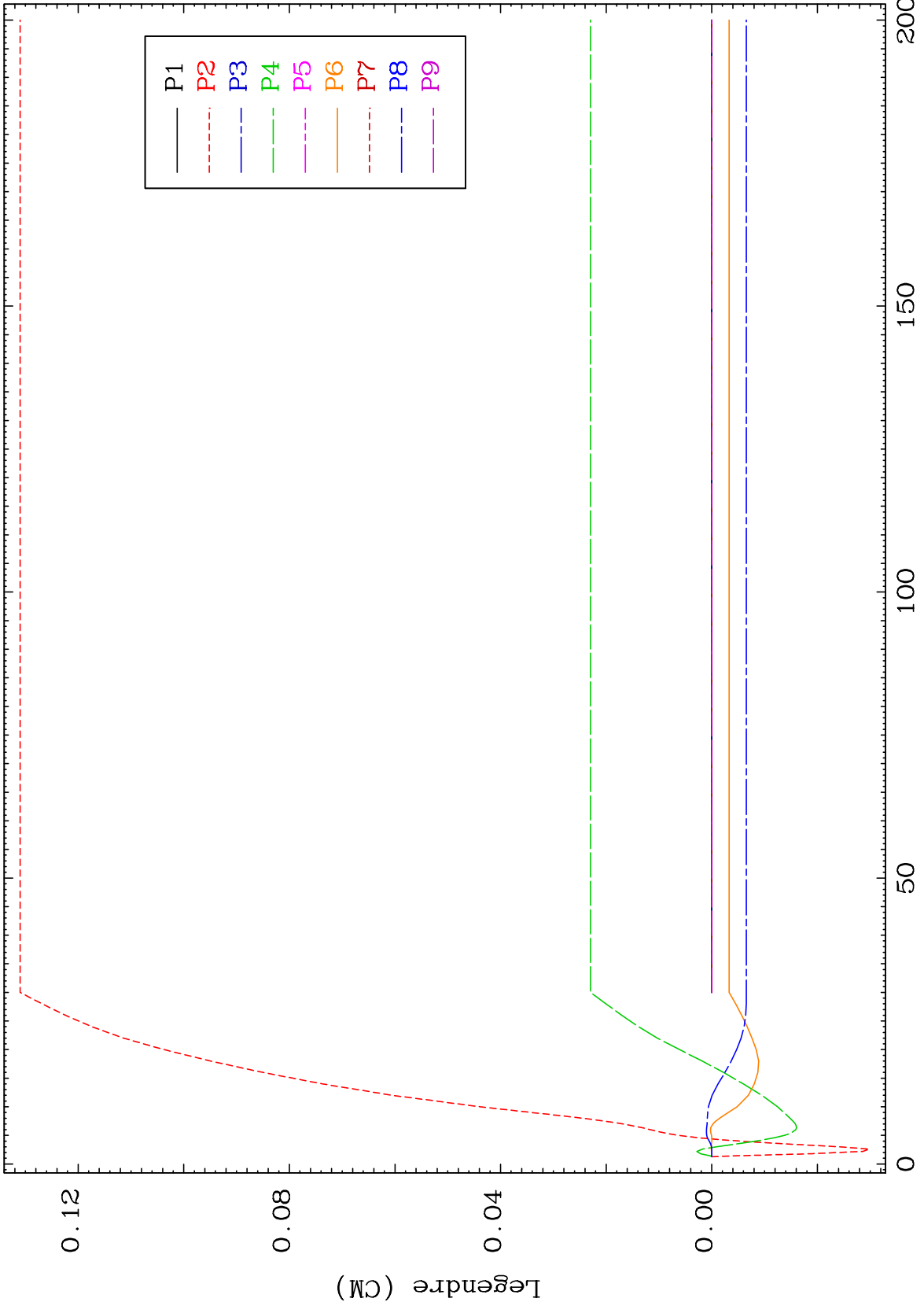
54-Xe-124



31

54-Xe-124

MAT 5425 MT= 54 (n,n') Level Legendre Coefficients 54-Xe-124

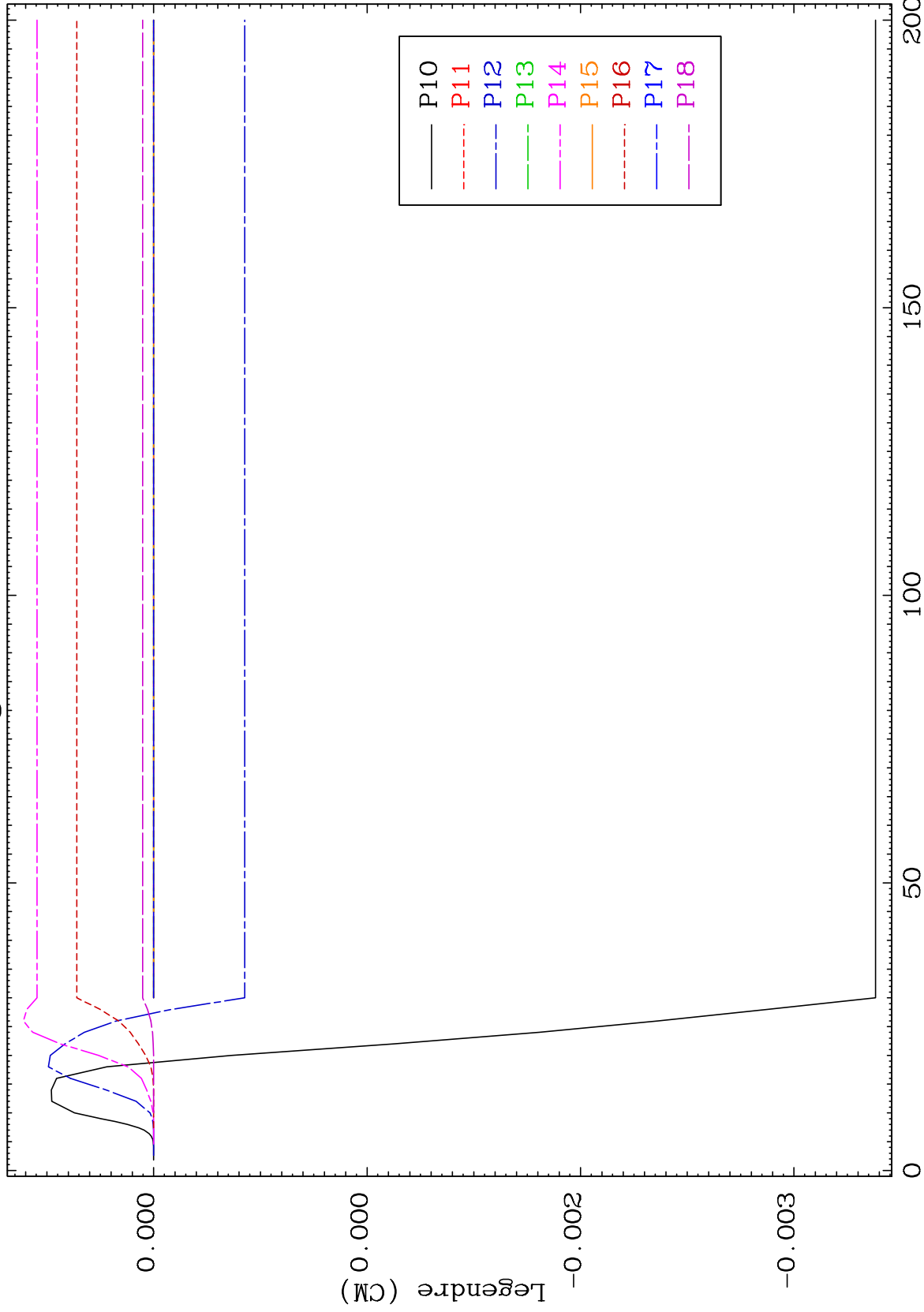


32 54-Xe-124

MAT 5425

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

54-Xe-124



33

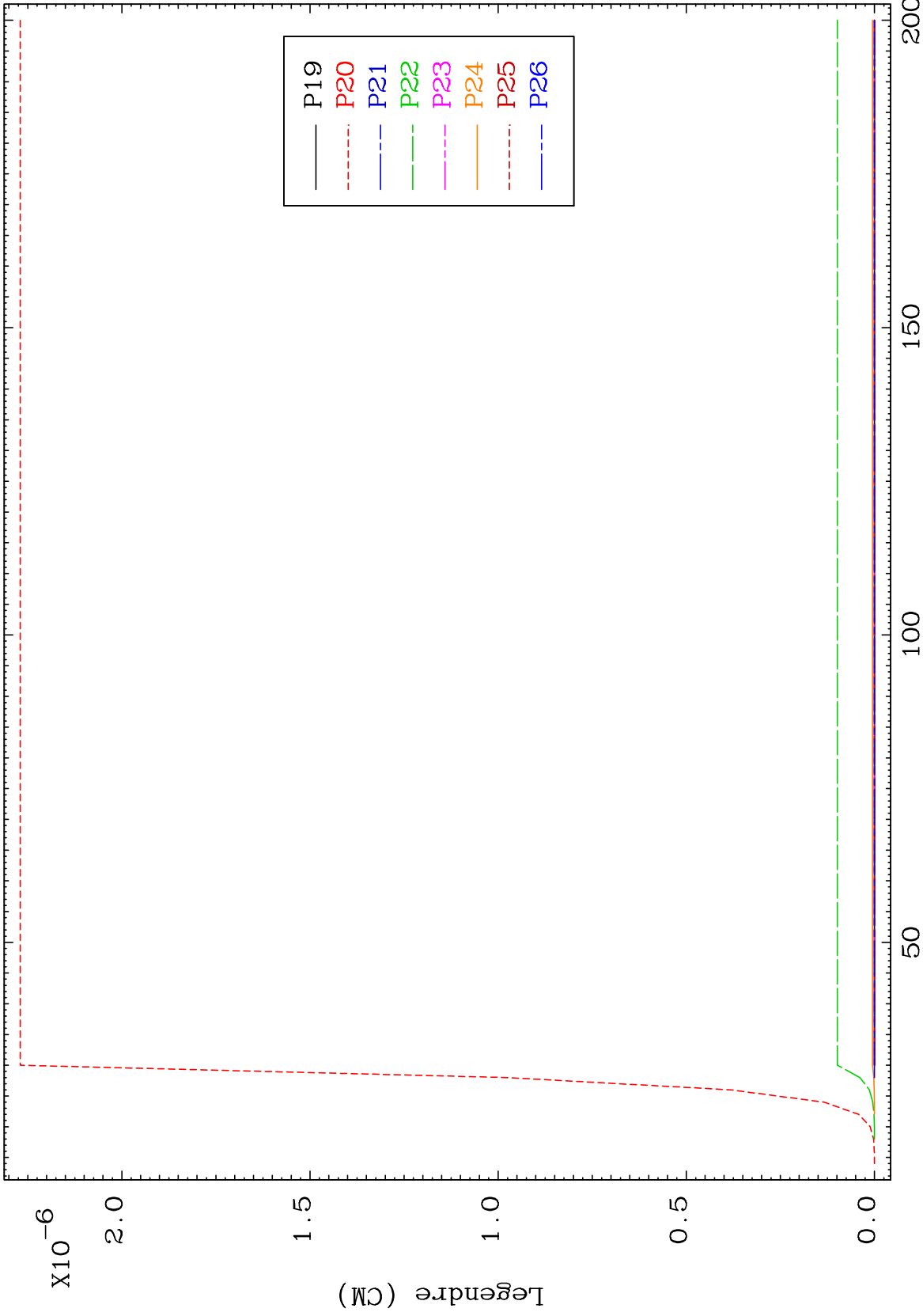
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

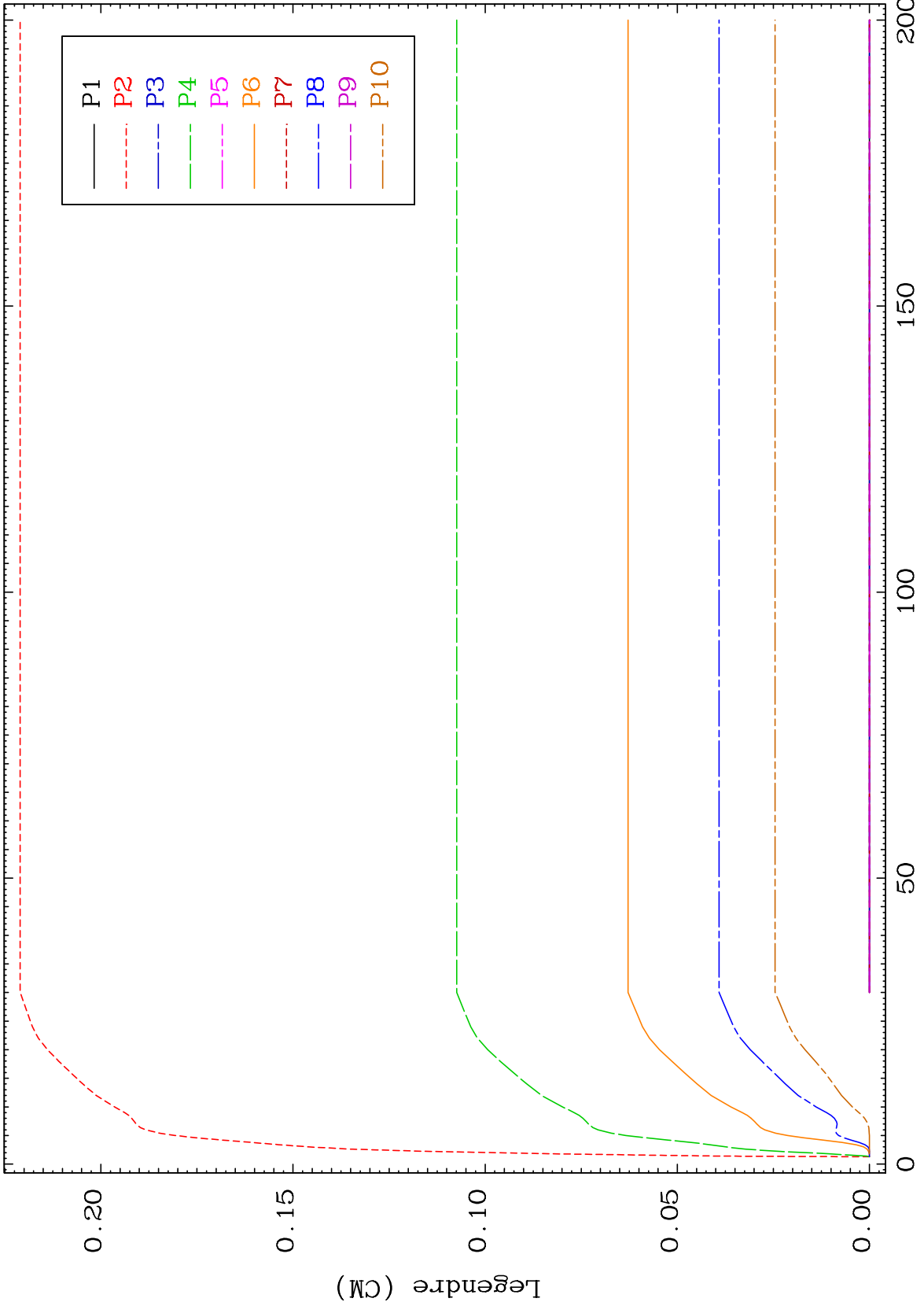


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Incident Energy (MeV)

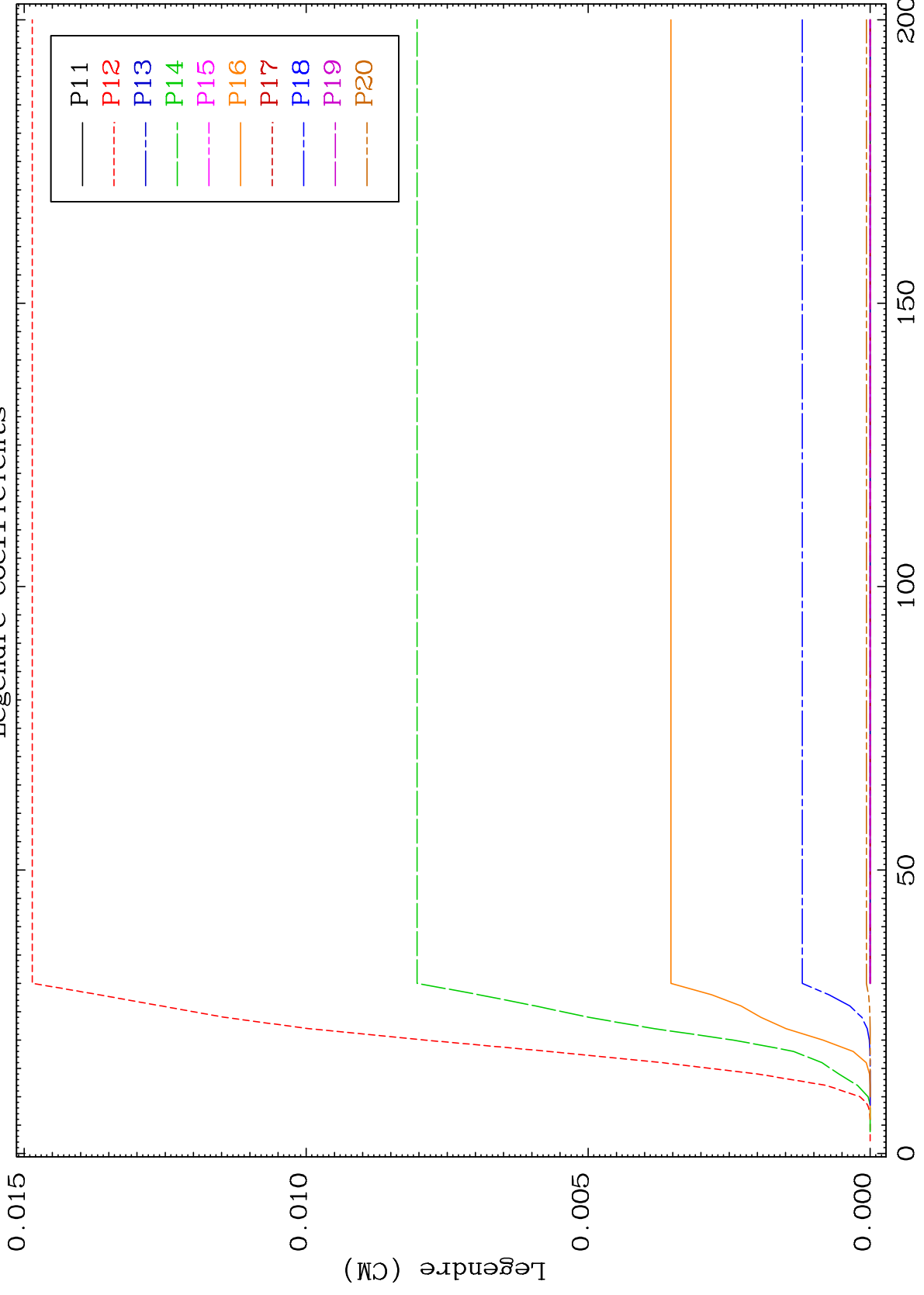
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MAT 5425 MT= 55 (n,n') Level Legendre Coefficients 54-Xe-124



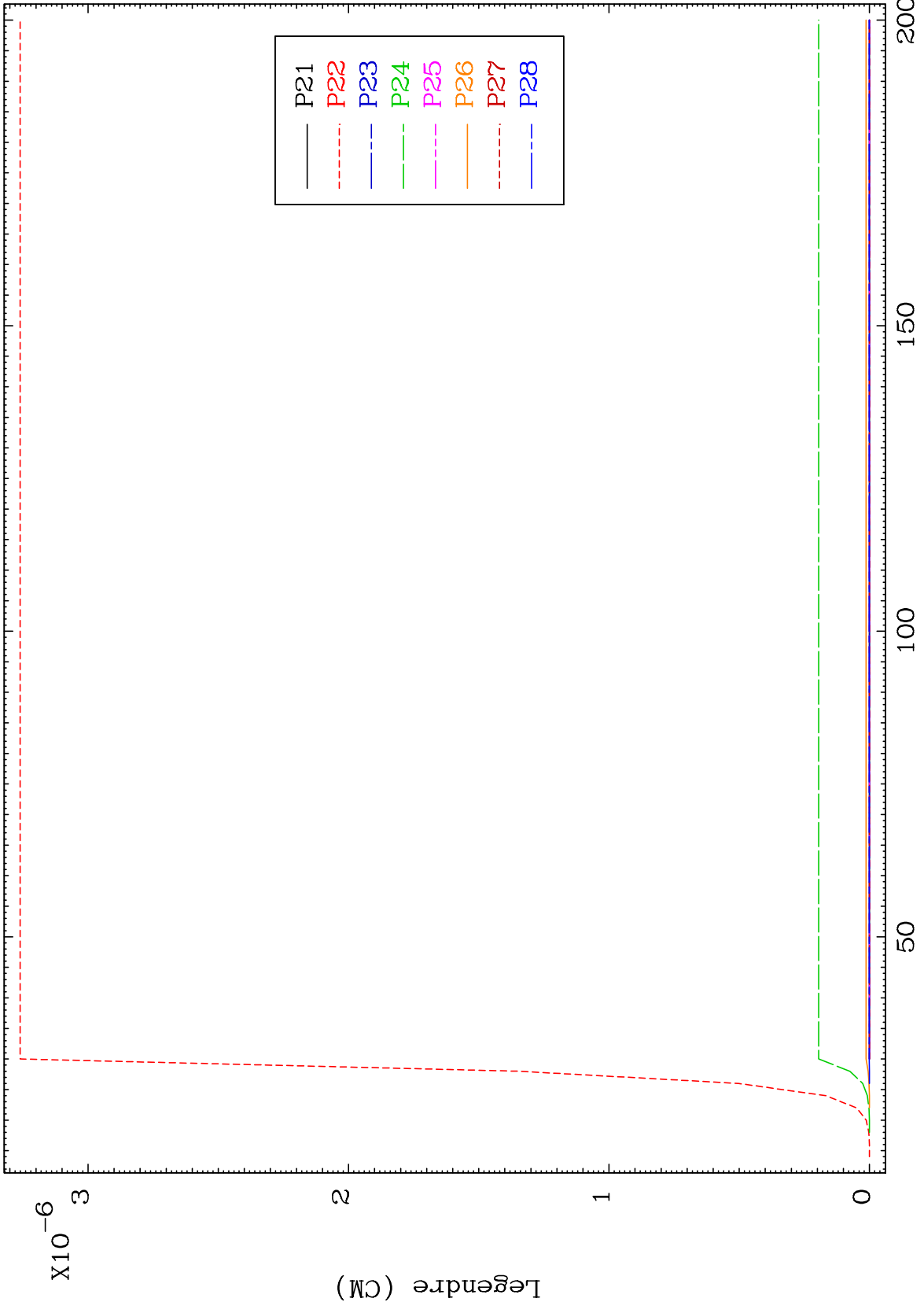
35 50 100 150 200 54-Xe-124

MAT 5425 MT= 55 (n,n') Level Legendre Coefficients 54-Xe-124



36 54-Xe-124

MAT 5425 MT= 55 (n,n') Level Legendre Coefficients 54-Xe-124

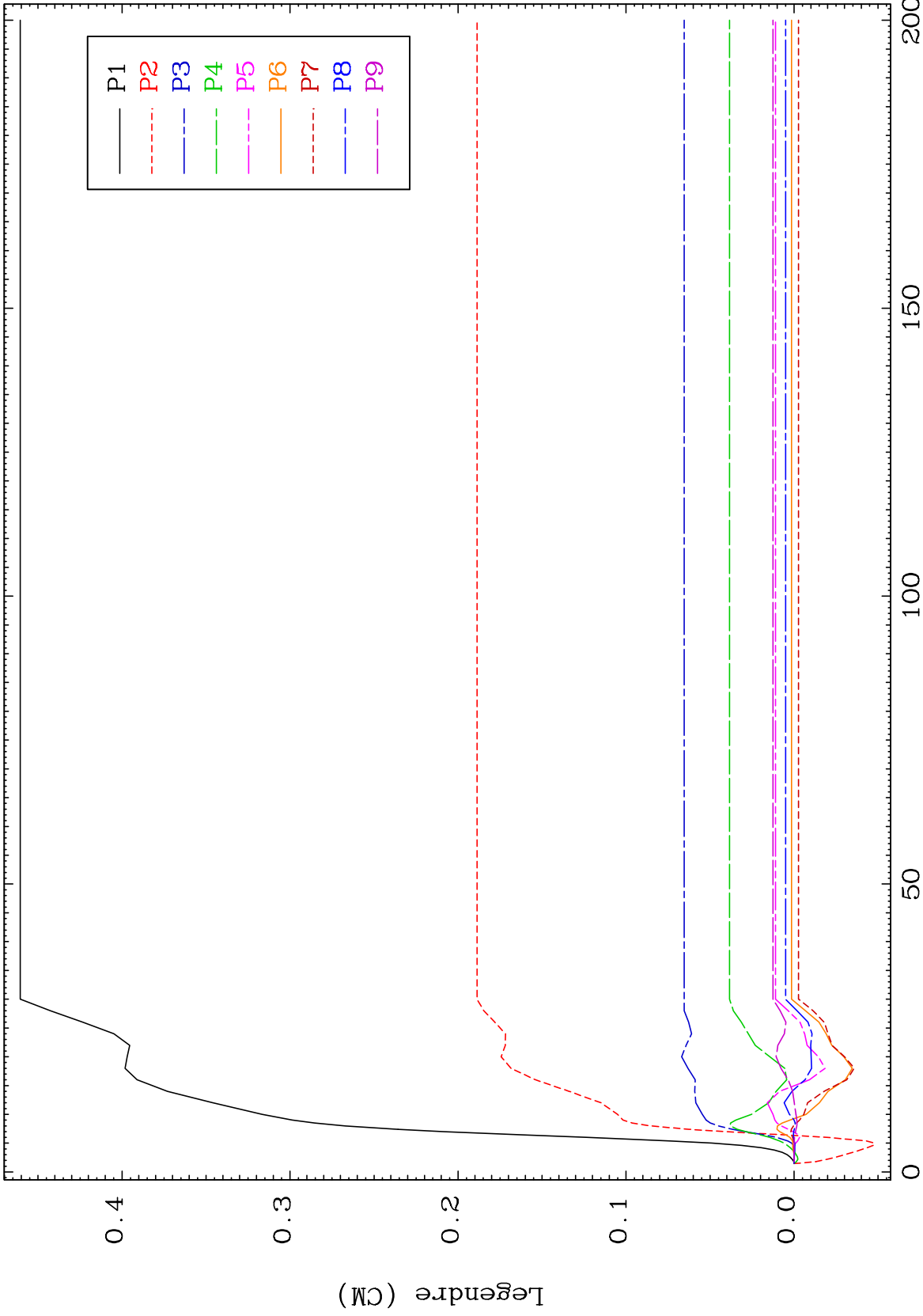


37 Incident Energy (MeV) 54-Xe-124

MAT 5425

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

54-Xe-124



38

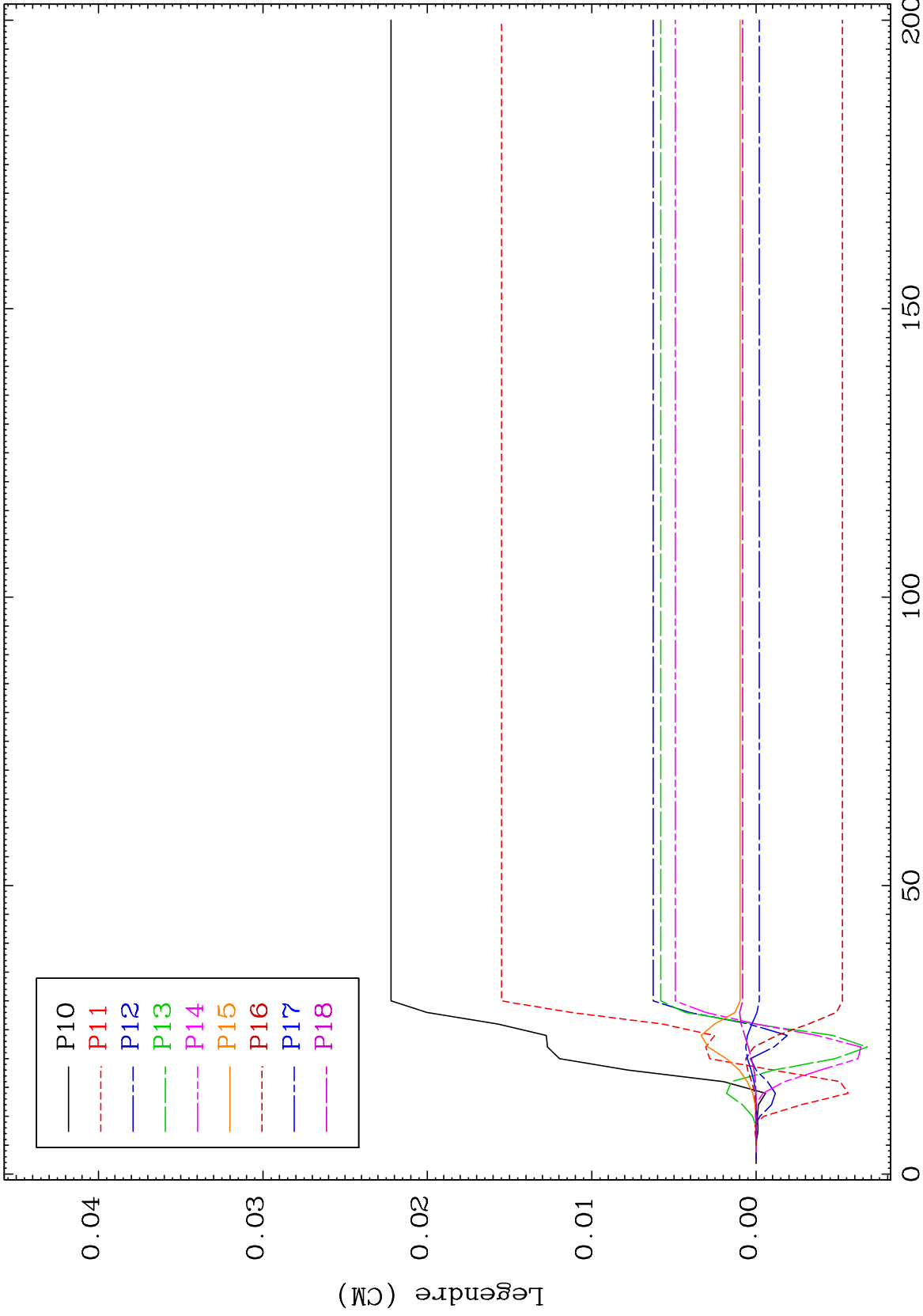
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



39

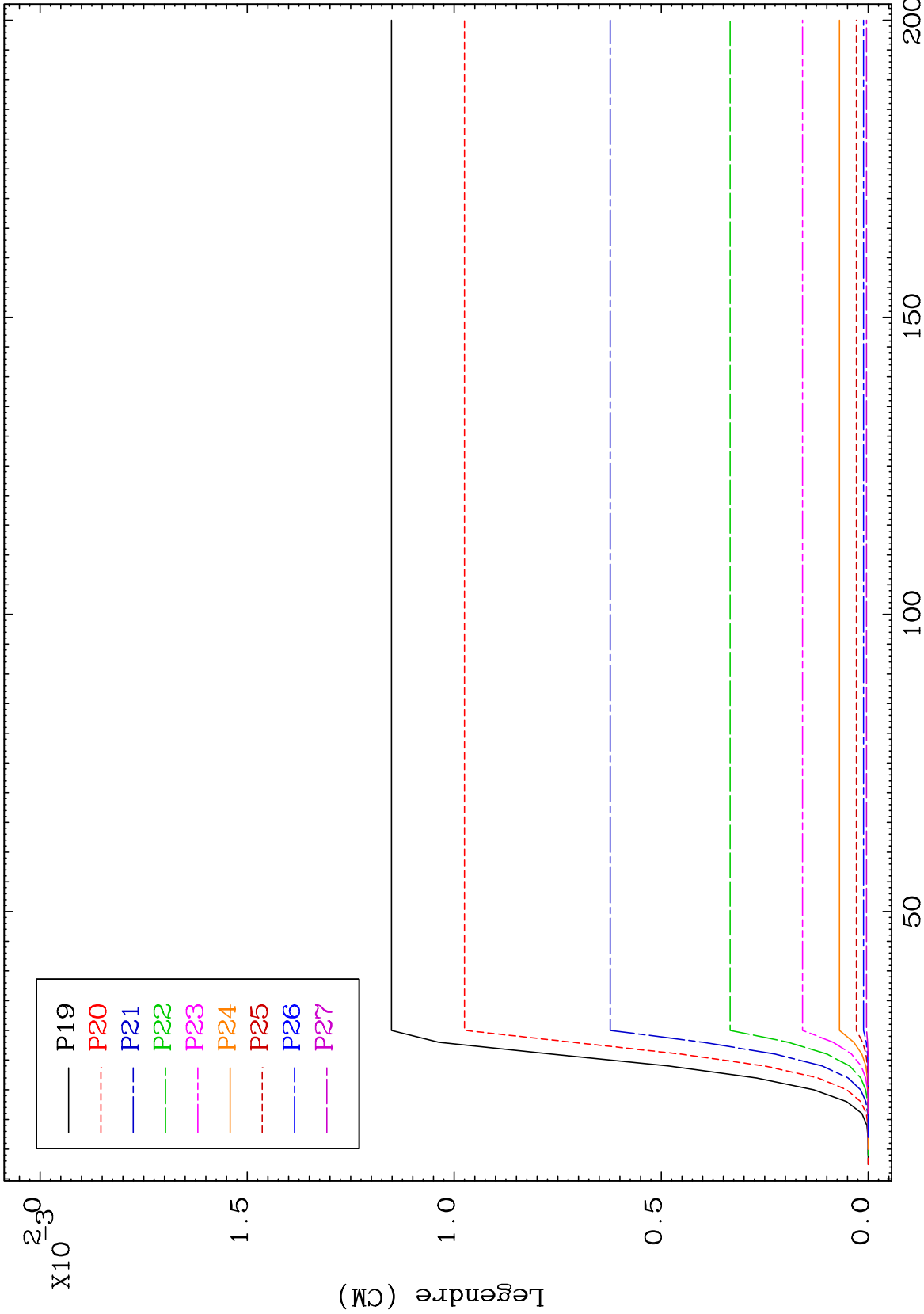
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



40

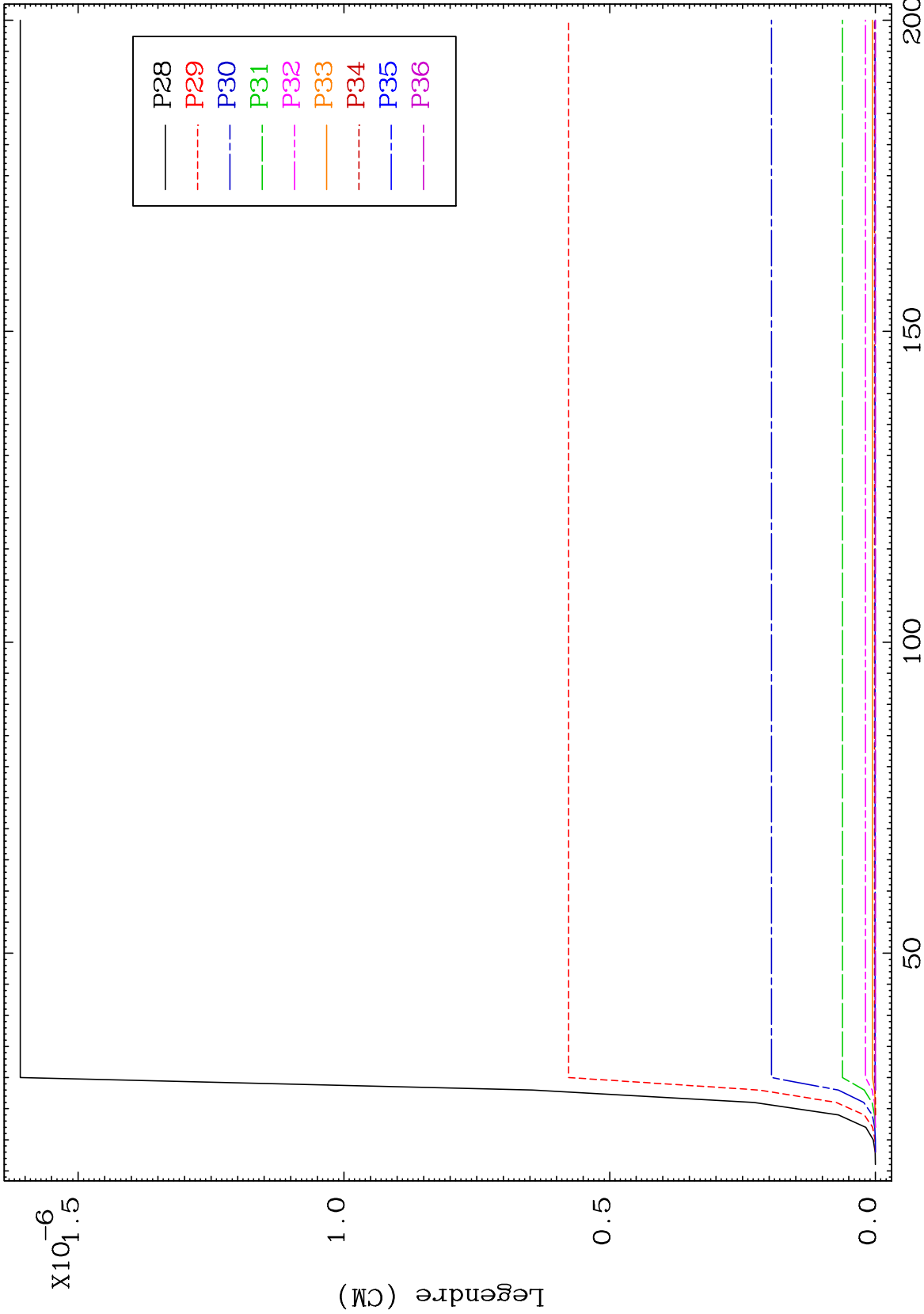
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



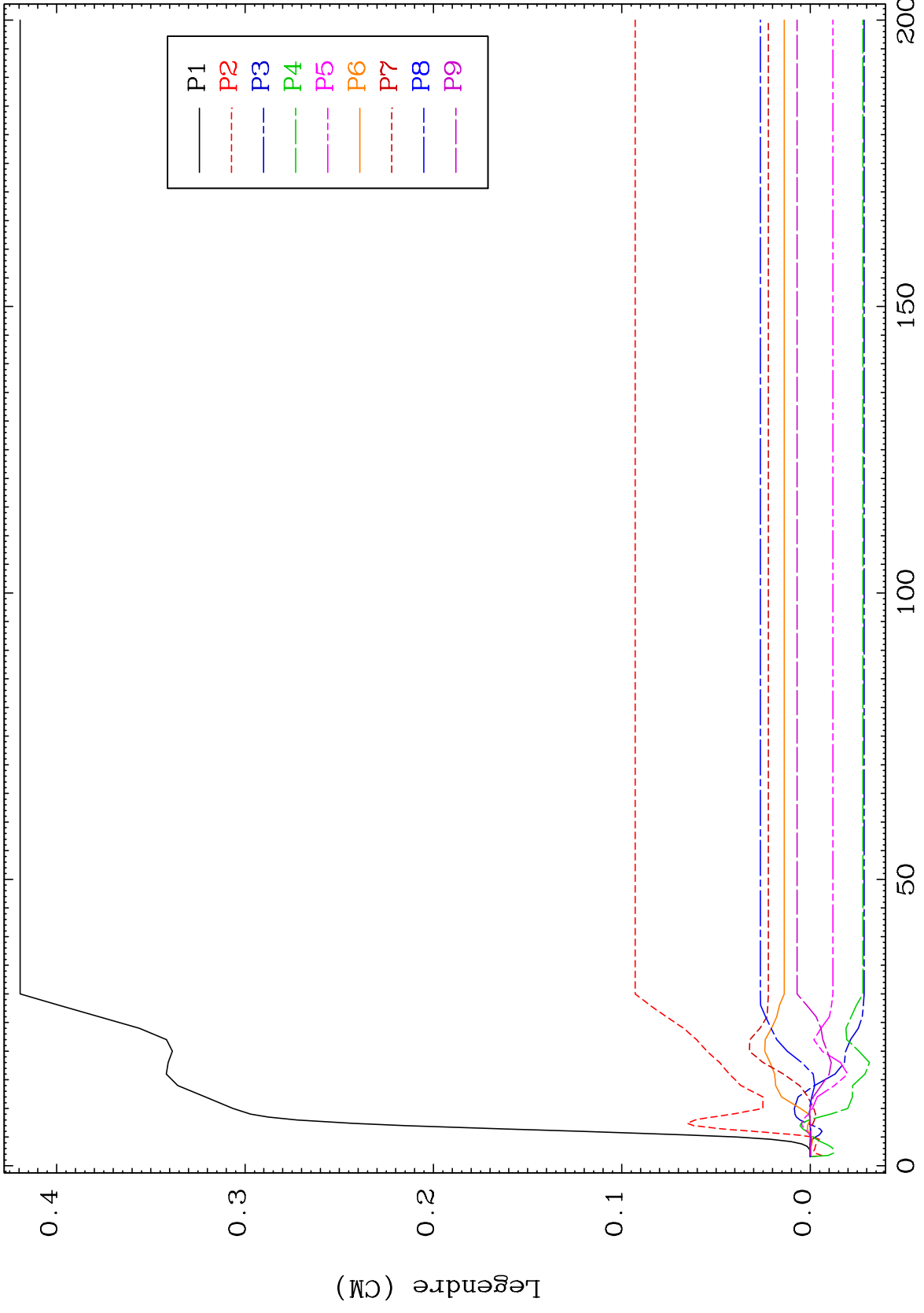
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54-Xe-124

MAT 5425

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

54-Xe-124

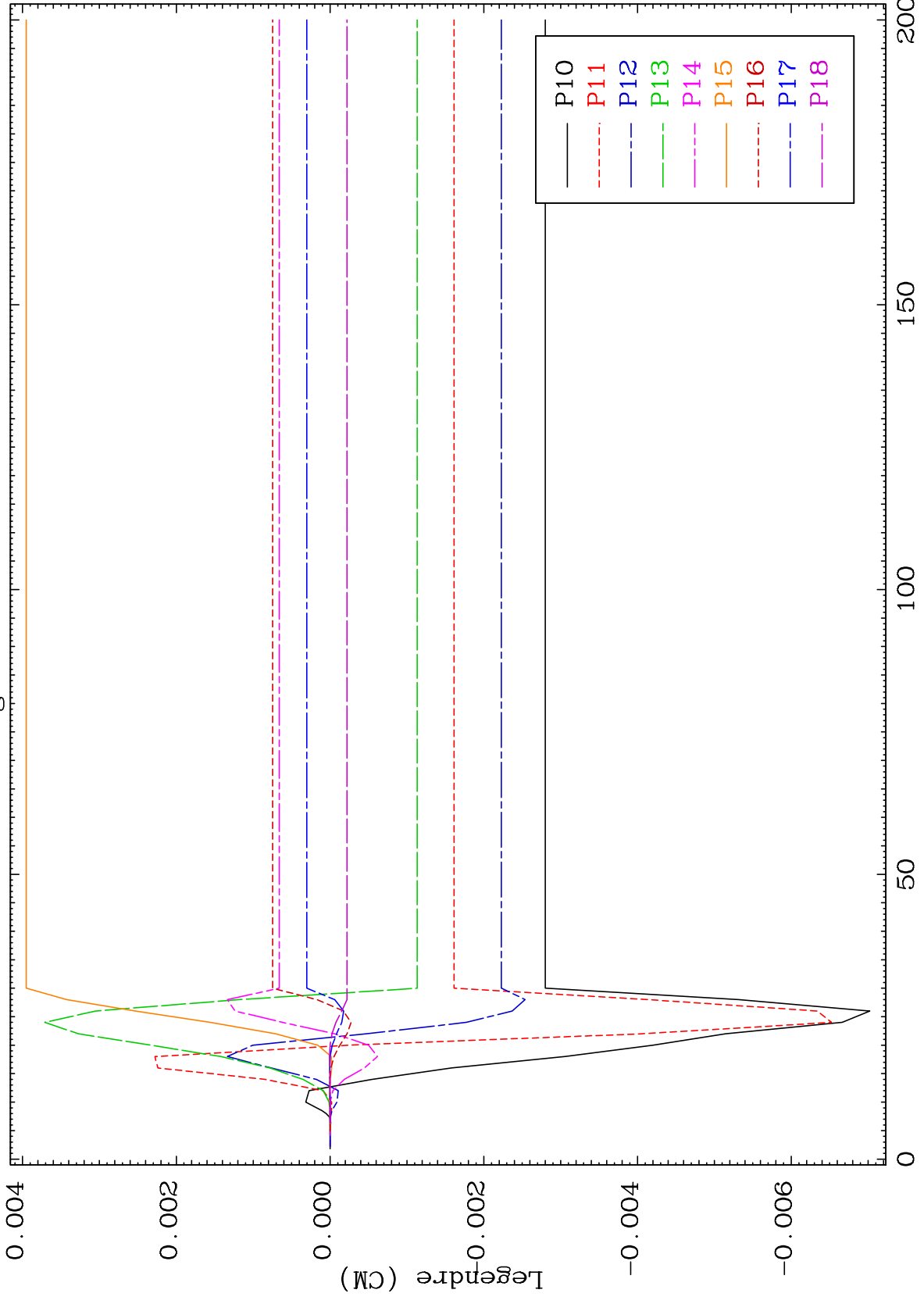


42

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 57 (n,n') Level Legendre Coefficients 54-Xe-124

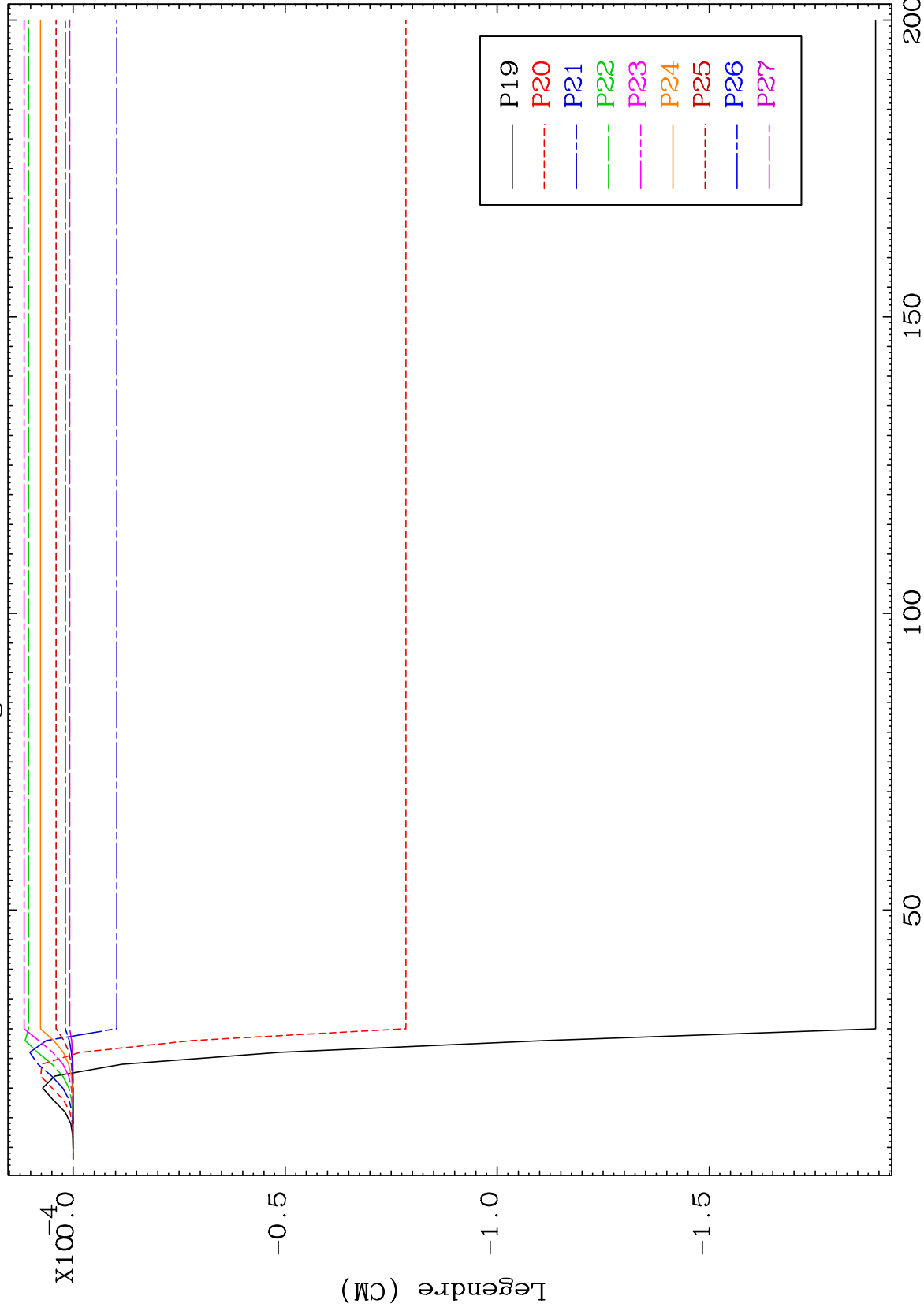


43 54-Xe-124

MAT 5425

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

54-Xe-124



44

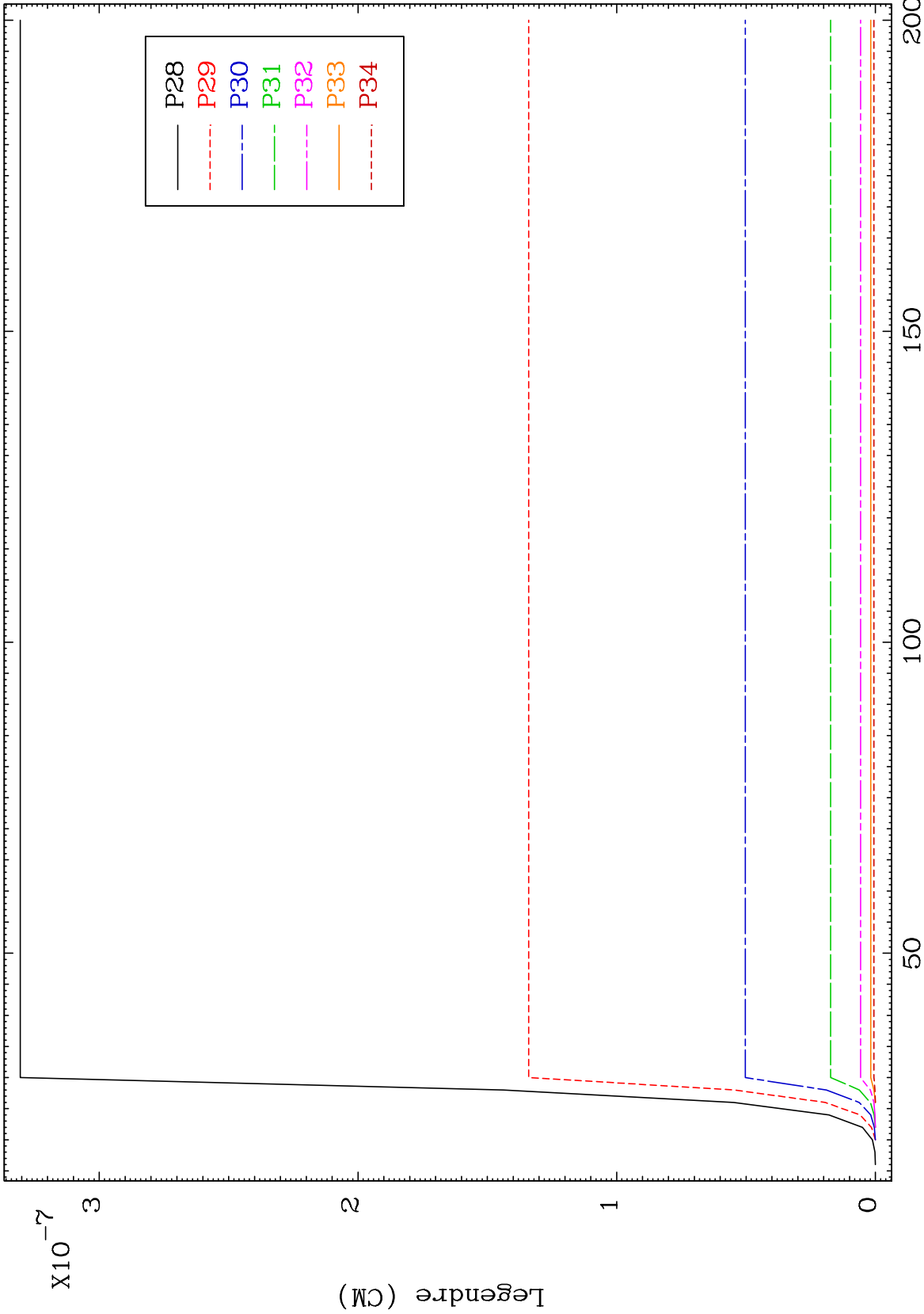
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

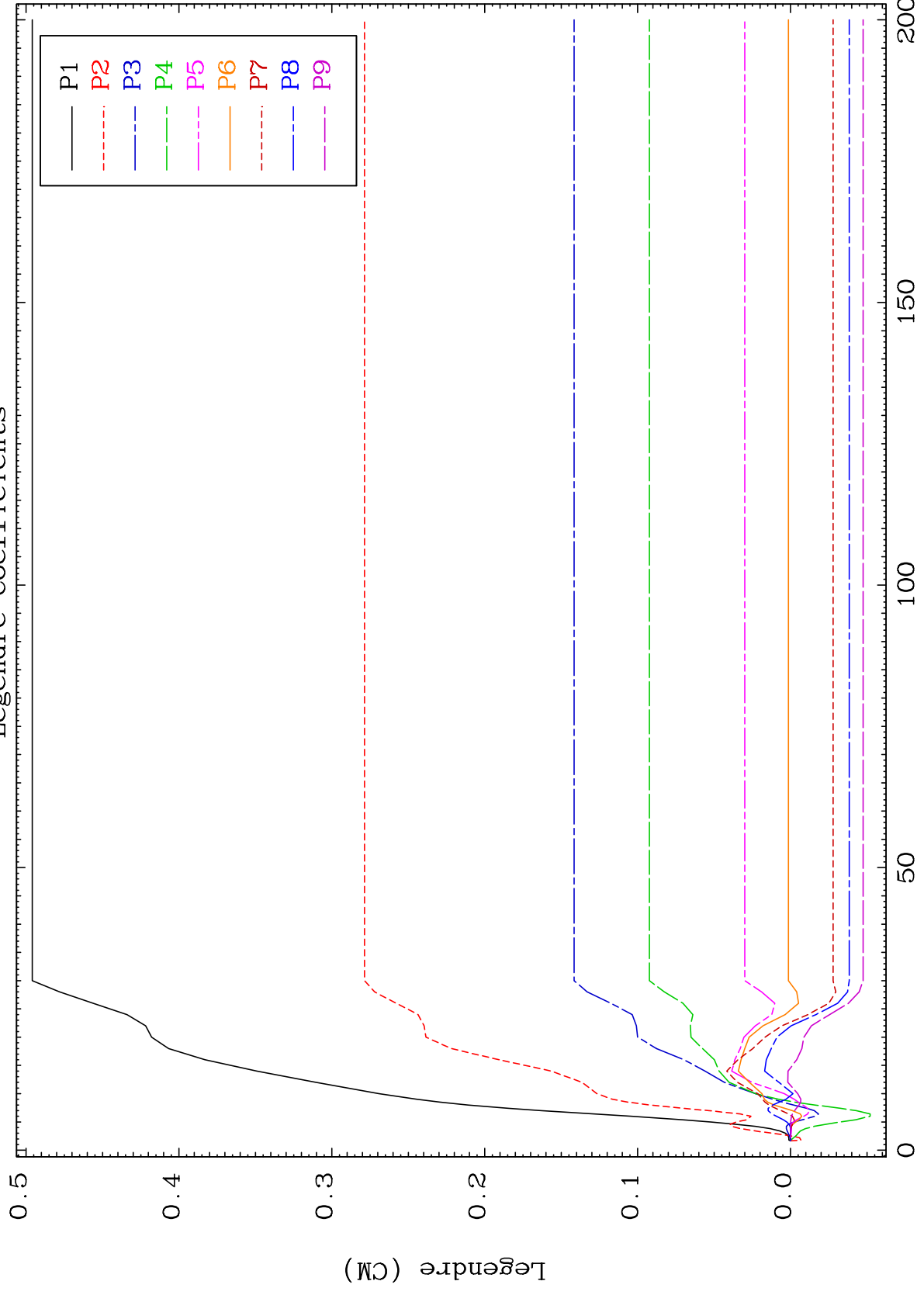


45

Incident Energy (MeV)

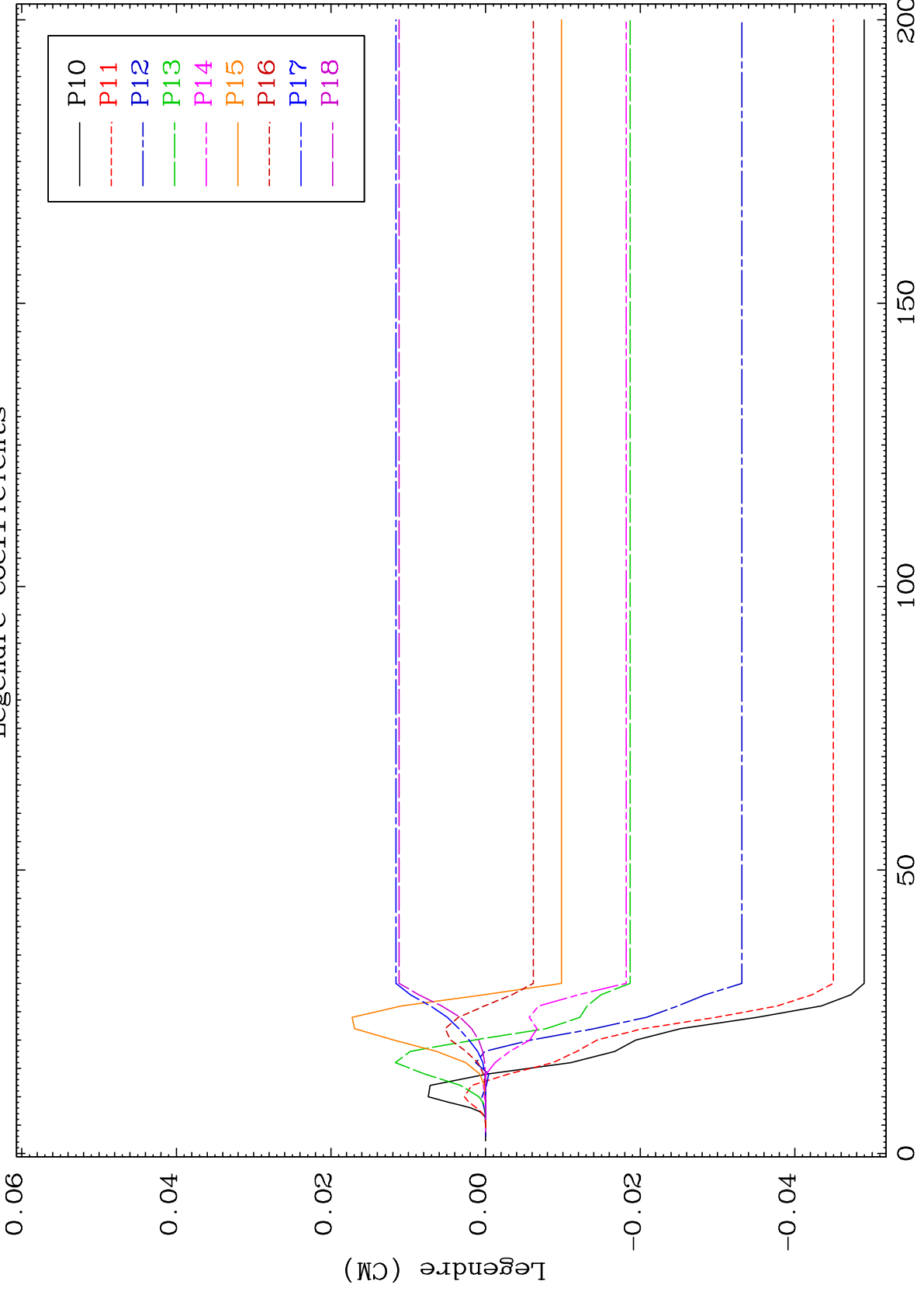
54-Xe-124

MAT 5425 MT= 58 (n,n') Level Legendre Coefficients 54-Xe-124



46 54-Xe-124

MAT 5425 MT= 58 (n,n') Level Legendre Coefficients 54-Xe-124

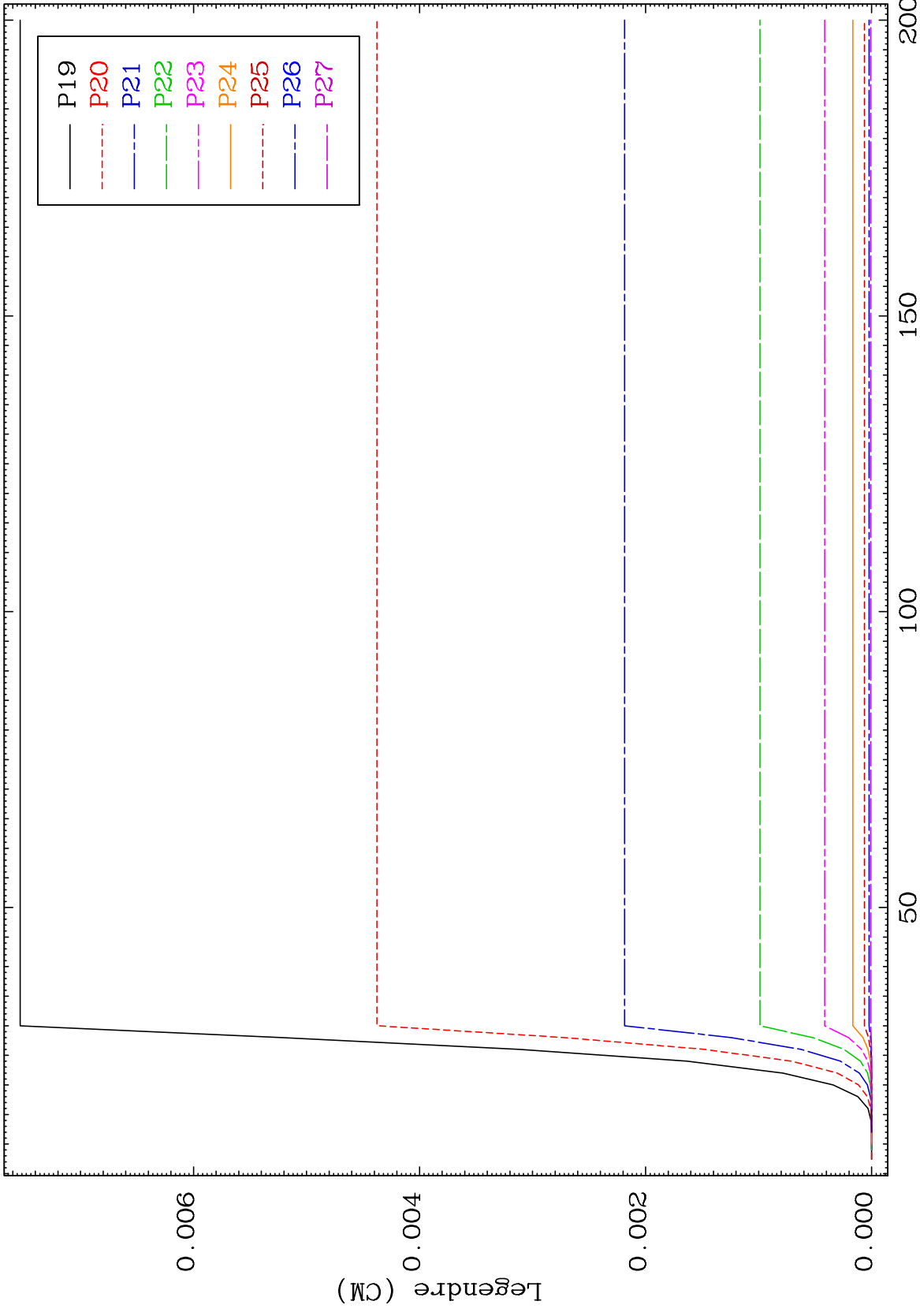


47 54-Xe-124

MAT 5425

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

54-Xe-124



48

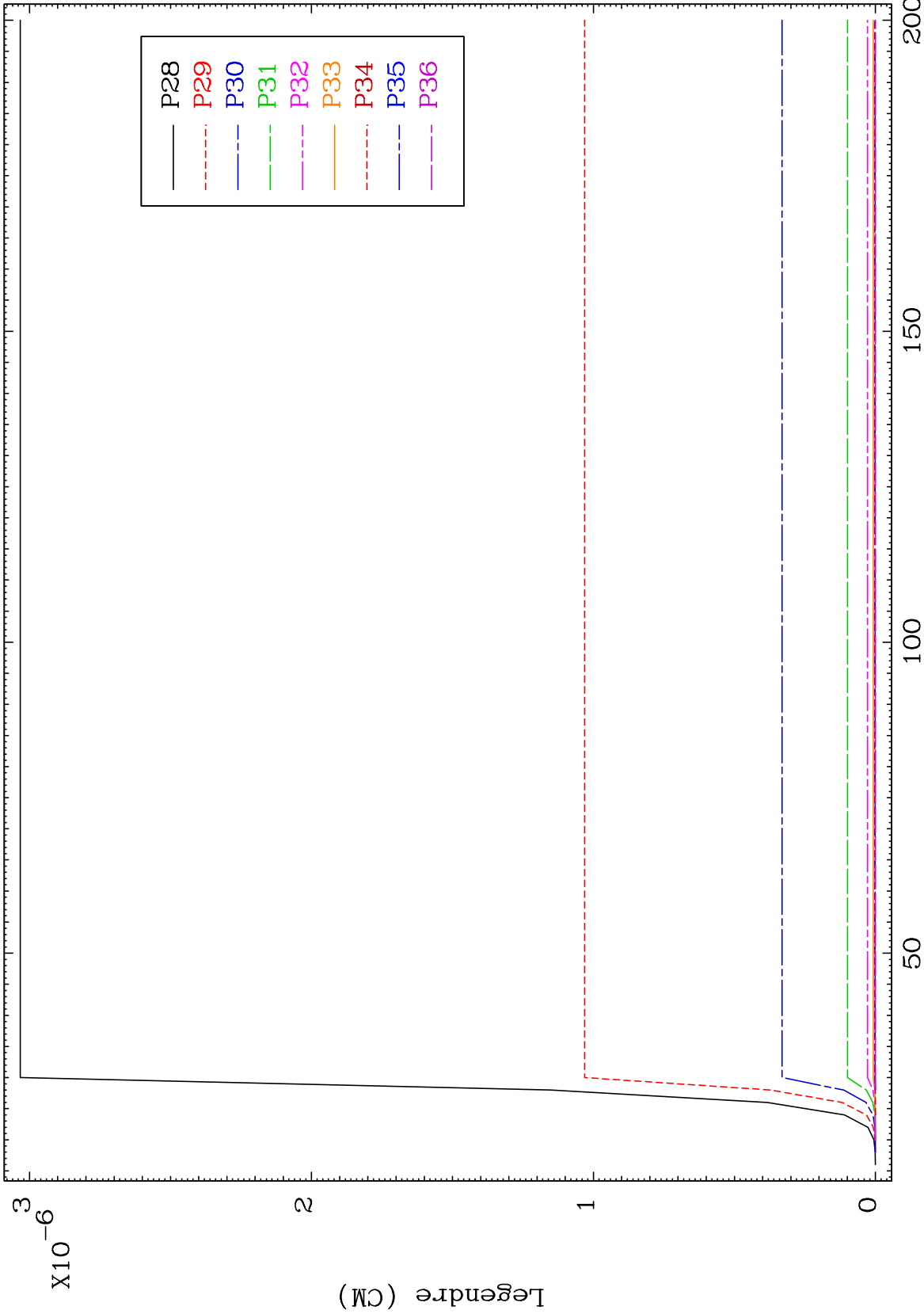
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

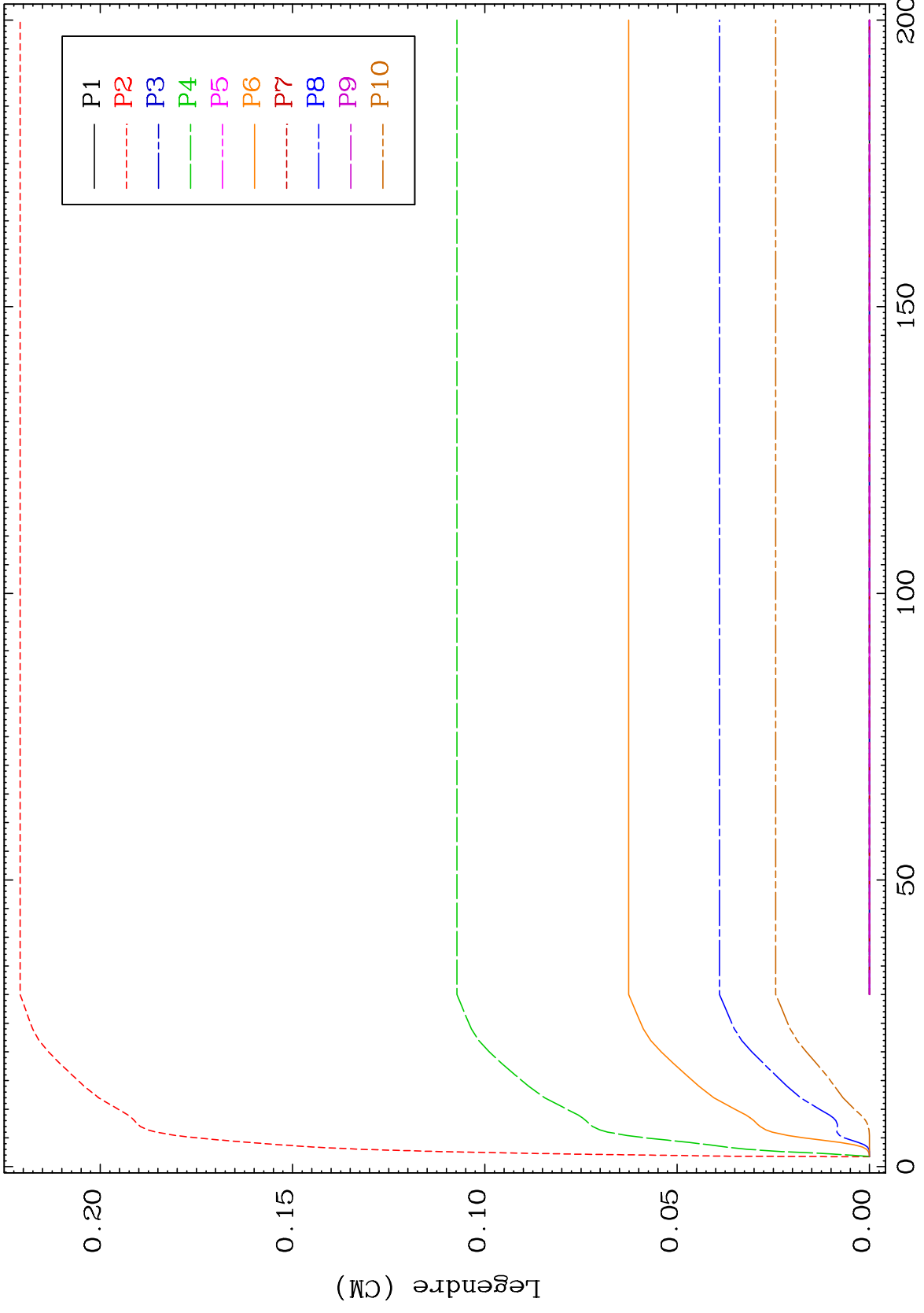


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Incident Energy (MeV)

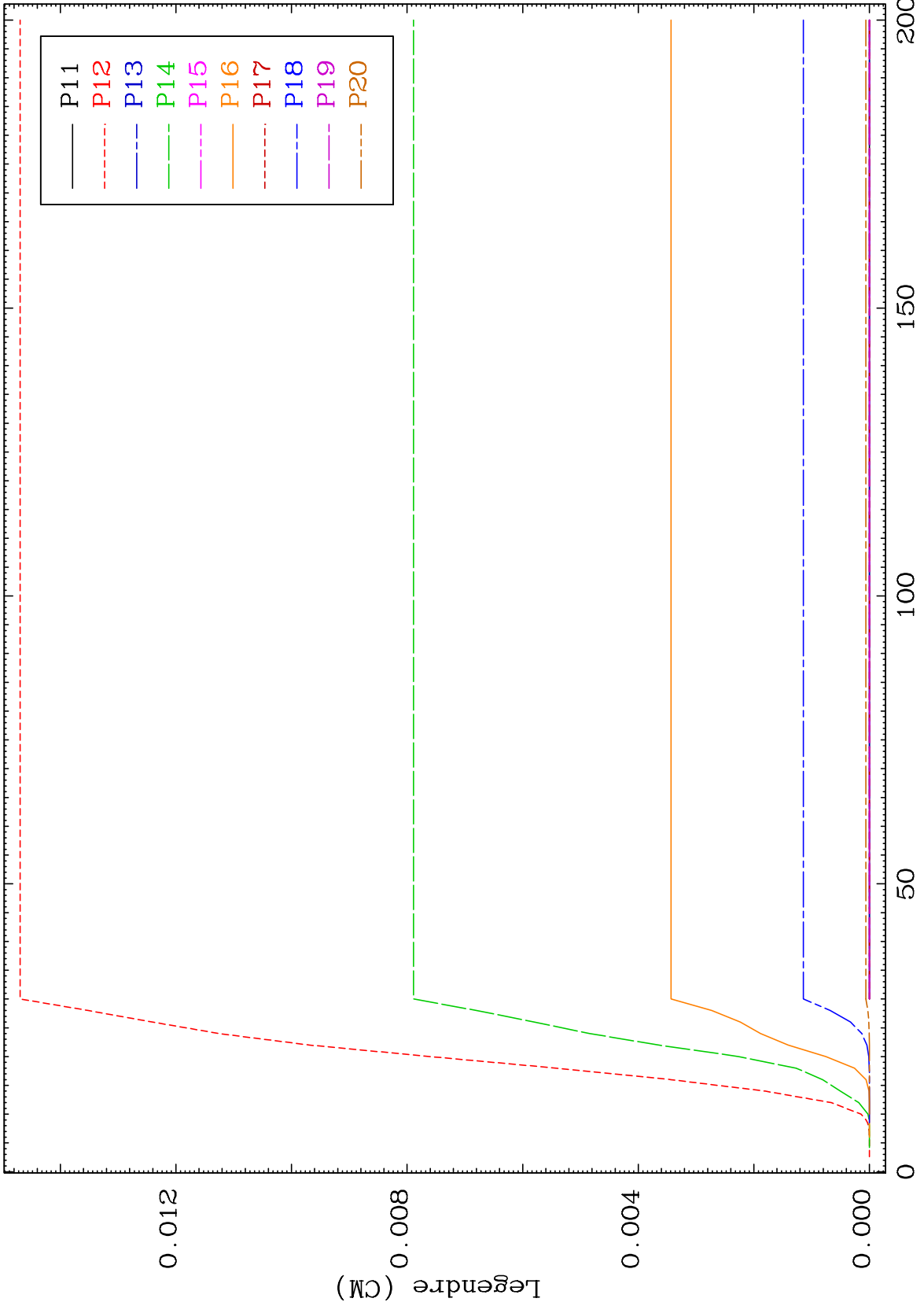
54-Xe-124

MAT 5425 MT= 59 (n,n') Level Legendre Coefficients 54-Xe-124



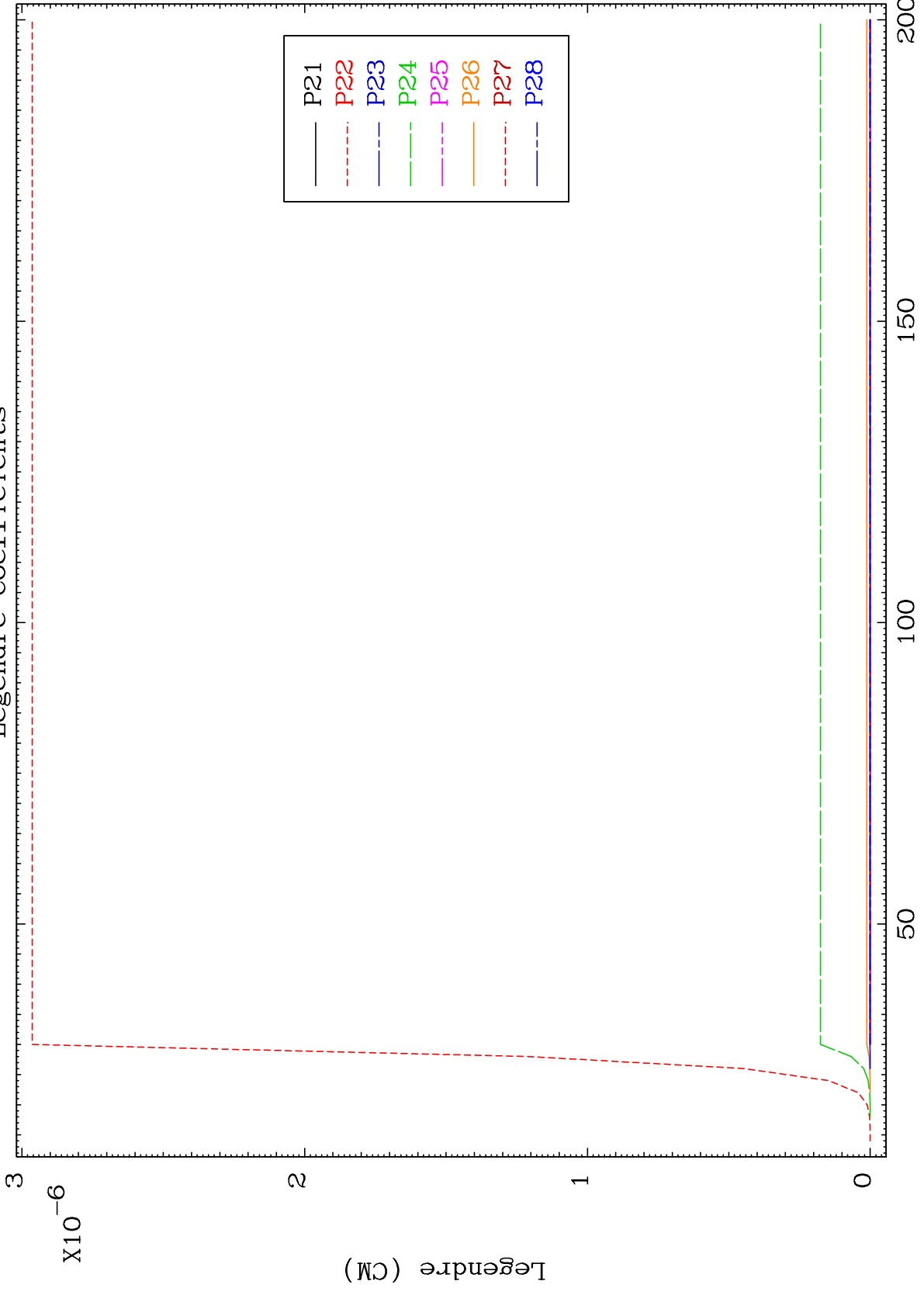
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MAT 5425 MT= 59 (n,n') Level Legendre Coefficients 54-Xe-124



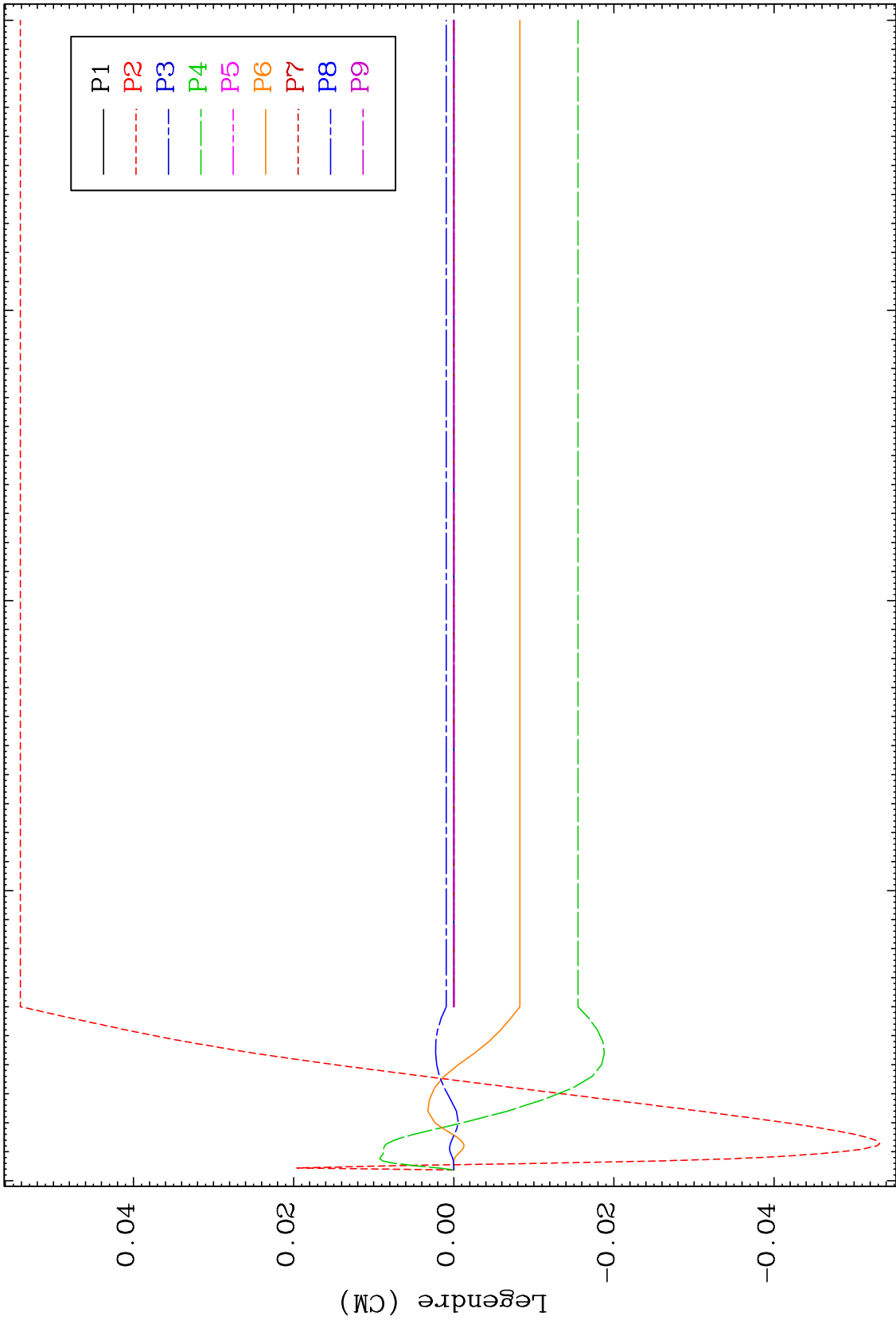
51 54-Xe-124

MAT 5425 MT= 59 (n,n') Level Legendre Coefficients 54-Xe-124



52 Incident Energy (MeV) 54-Xe-124

MAT 5425 MT= 60 (n,n') Level Legendre Coefficients 54-Xe-124

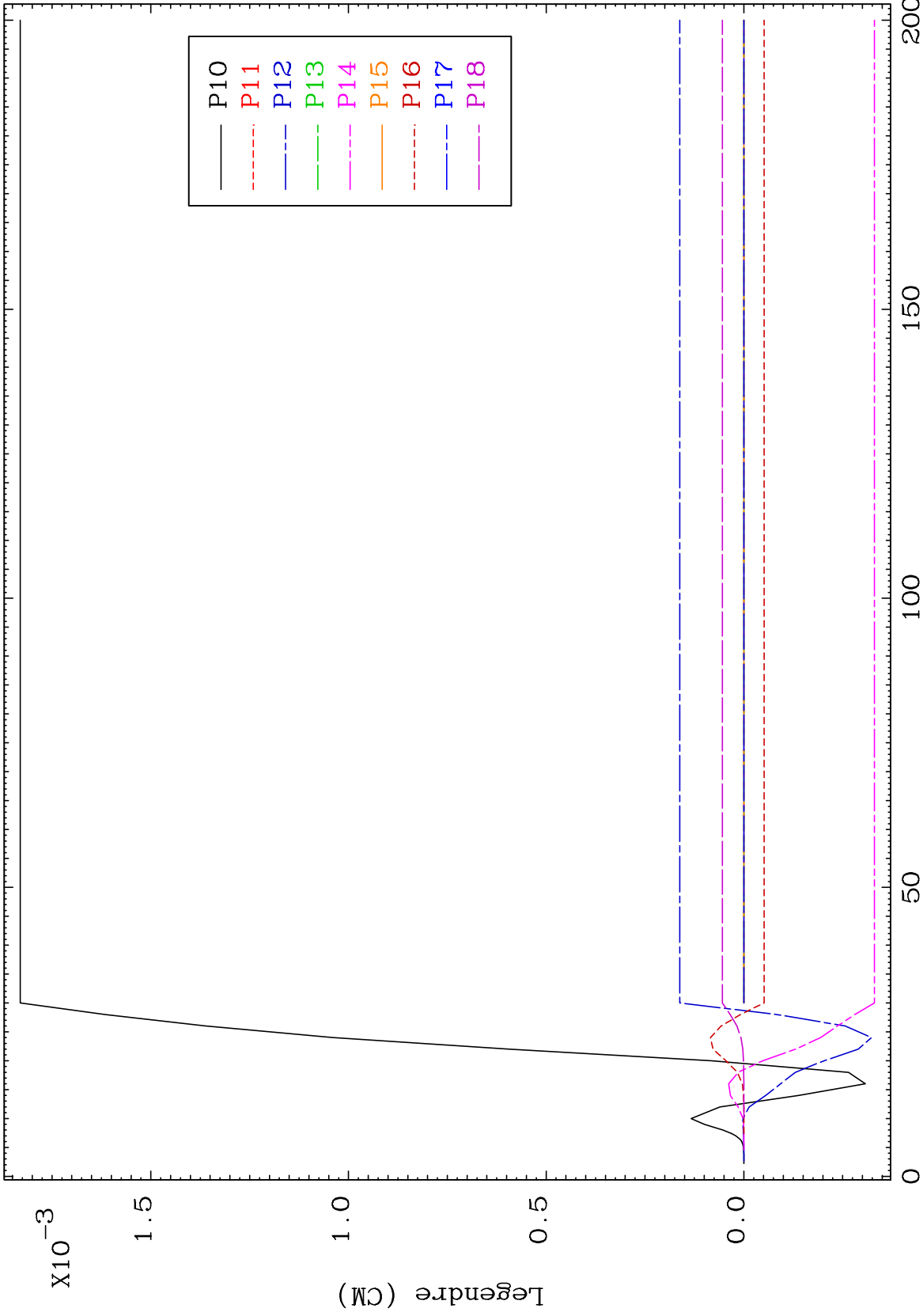


53 54-Xe-124

MAT 5425

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

54-Xe-124

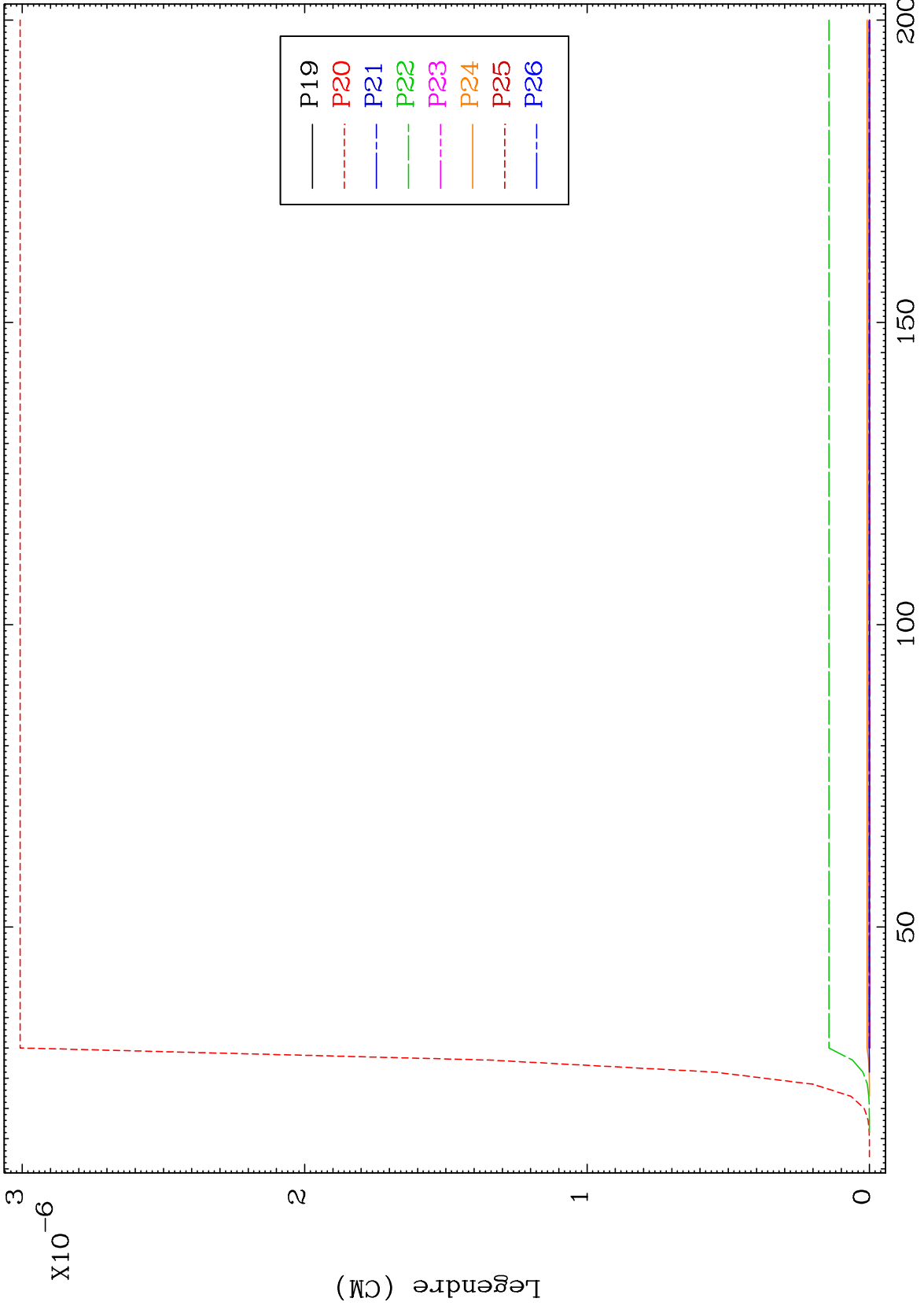


54

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 60 (n,n') Level Legendre Coefficients 54-Xe-124

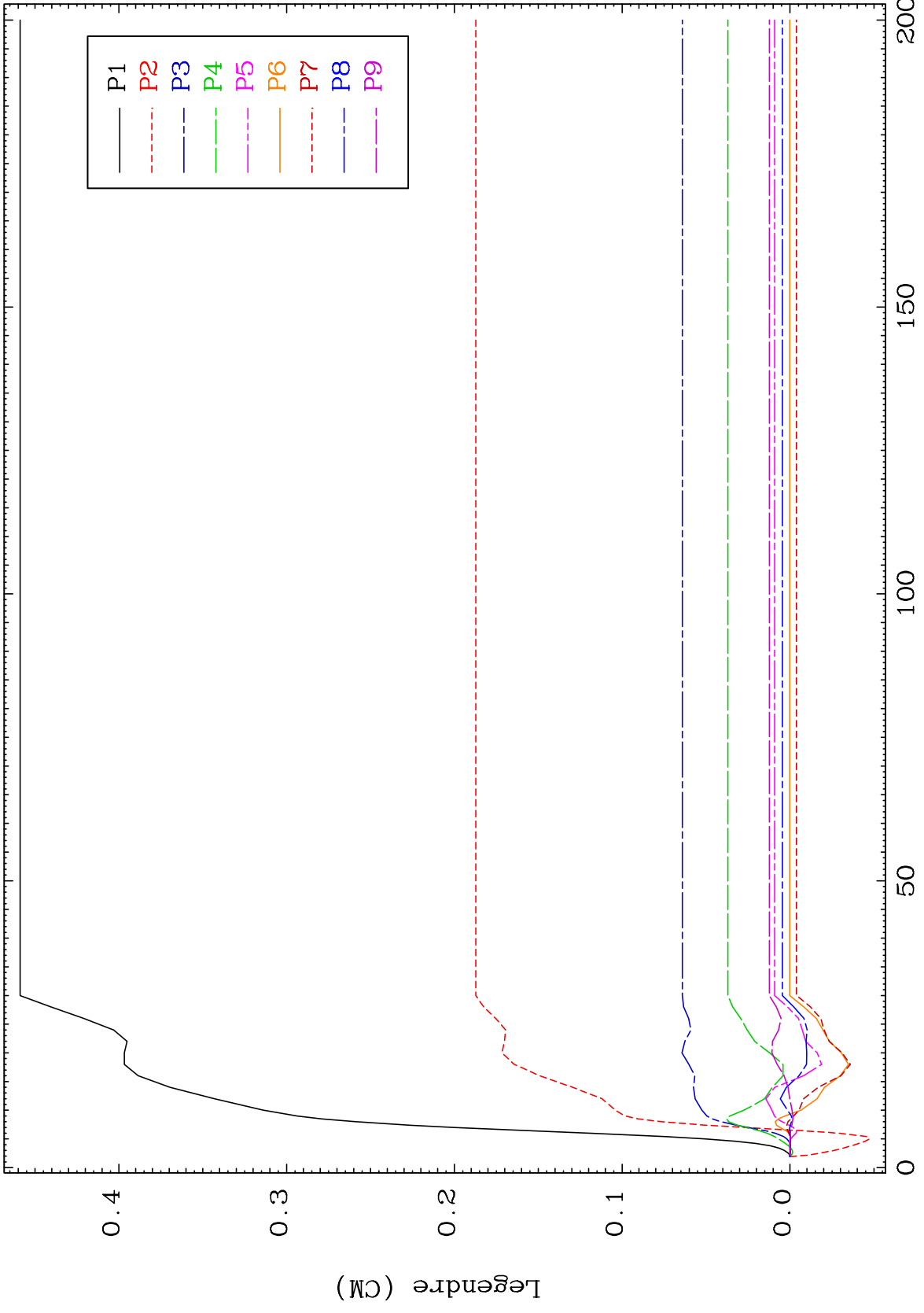


54-Xe-124

MAT 5425

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

54-Xe-124



56

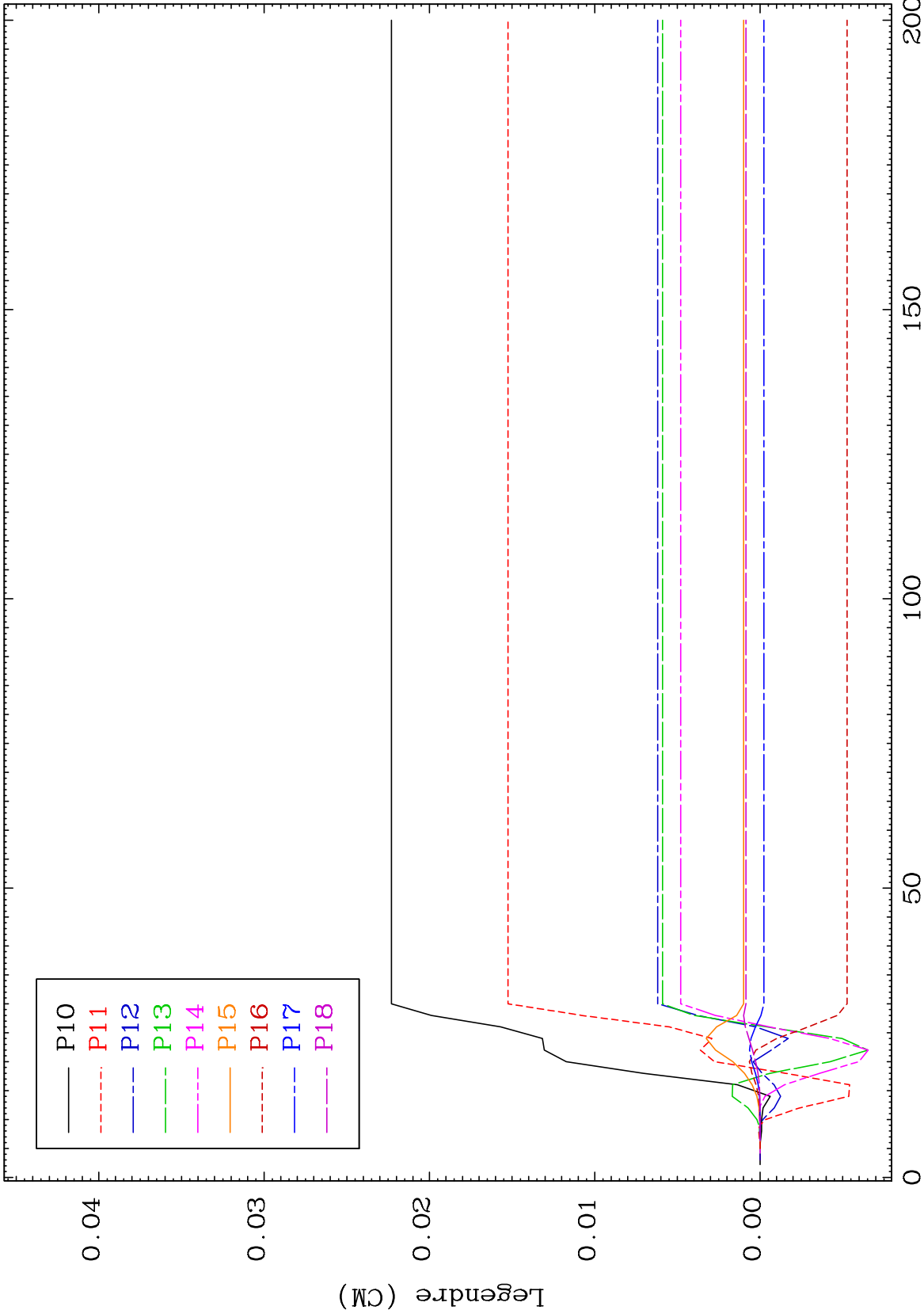
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



57

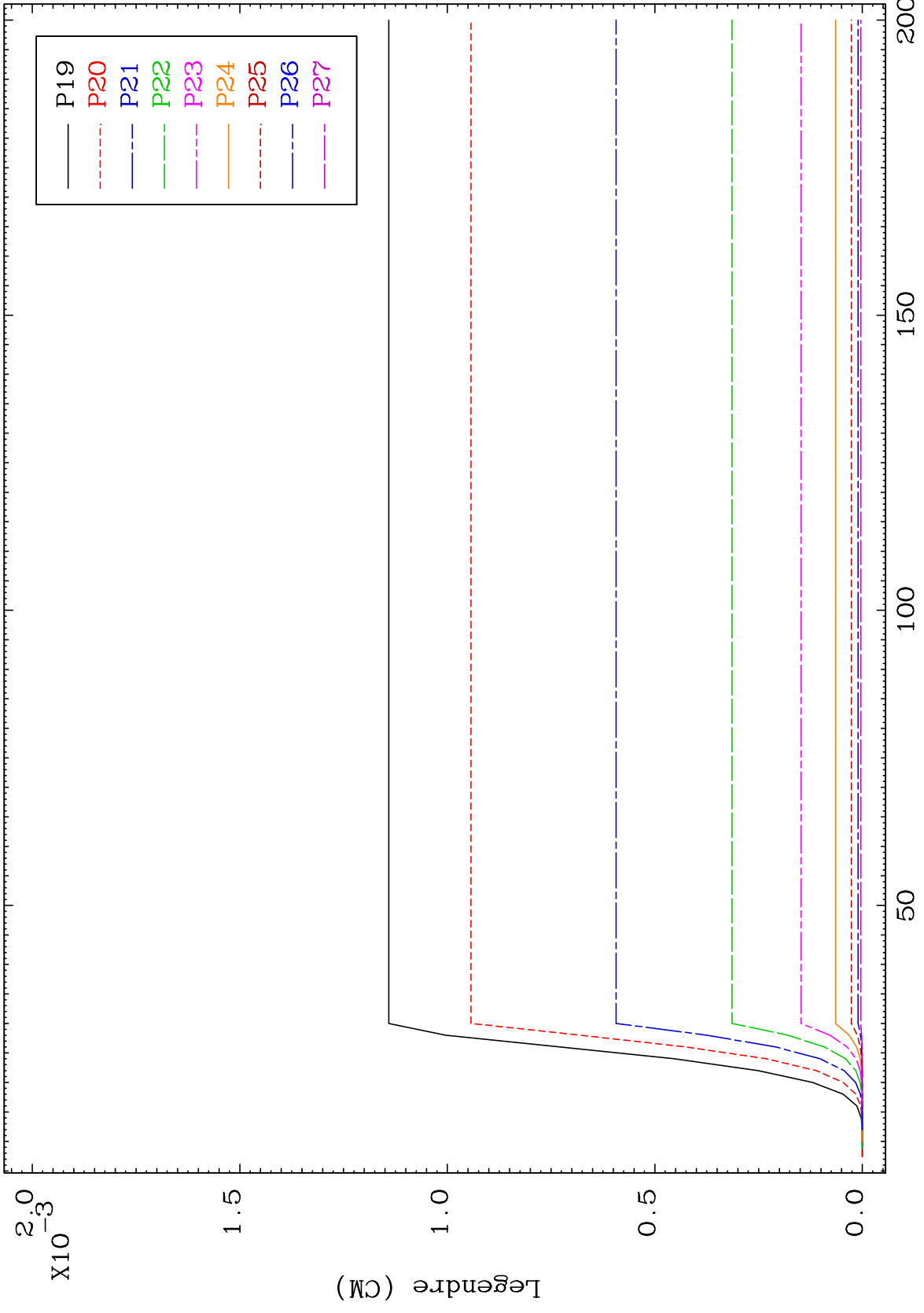
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



58

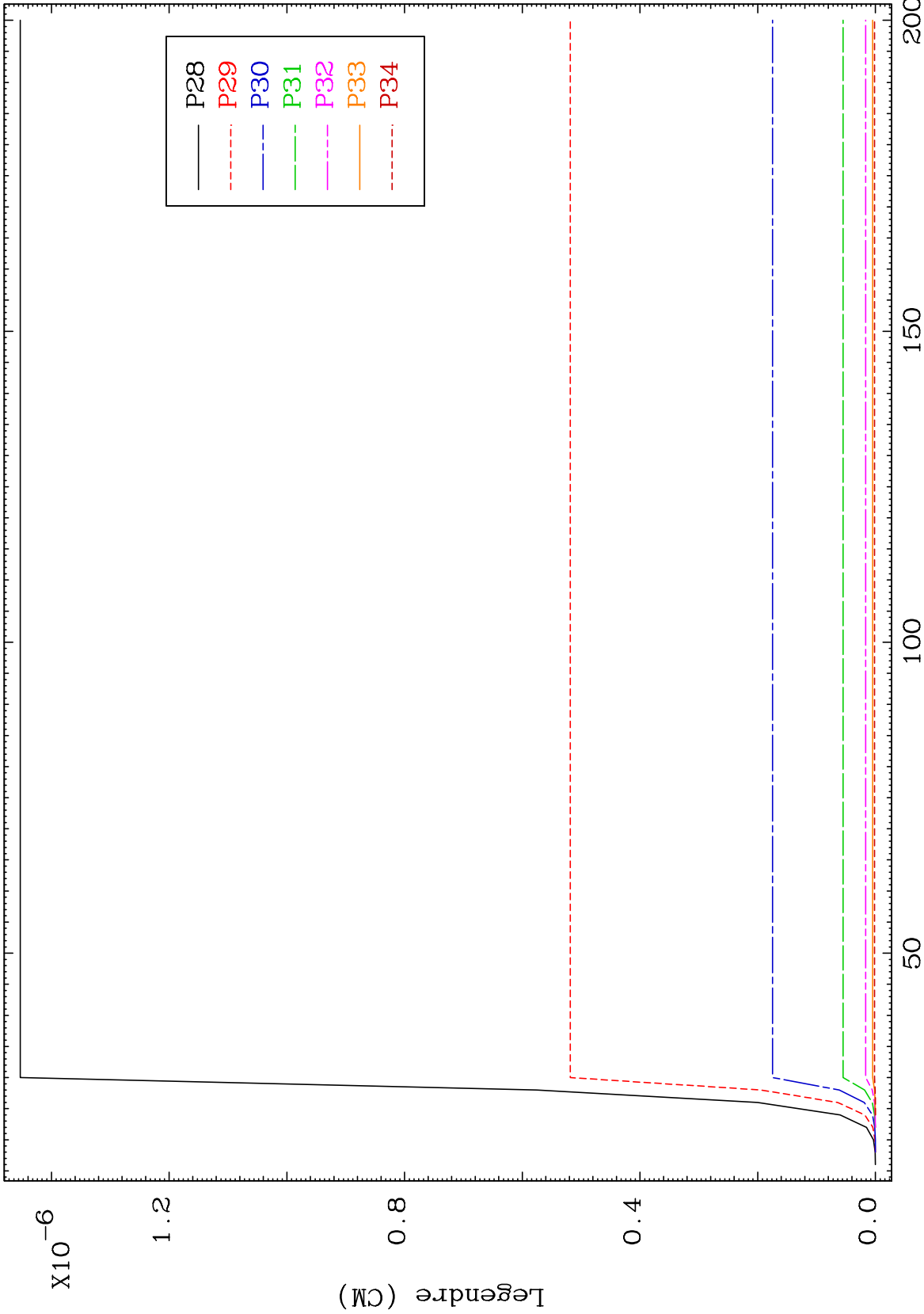
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



59

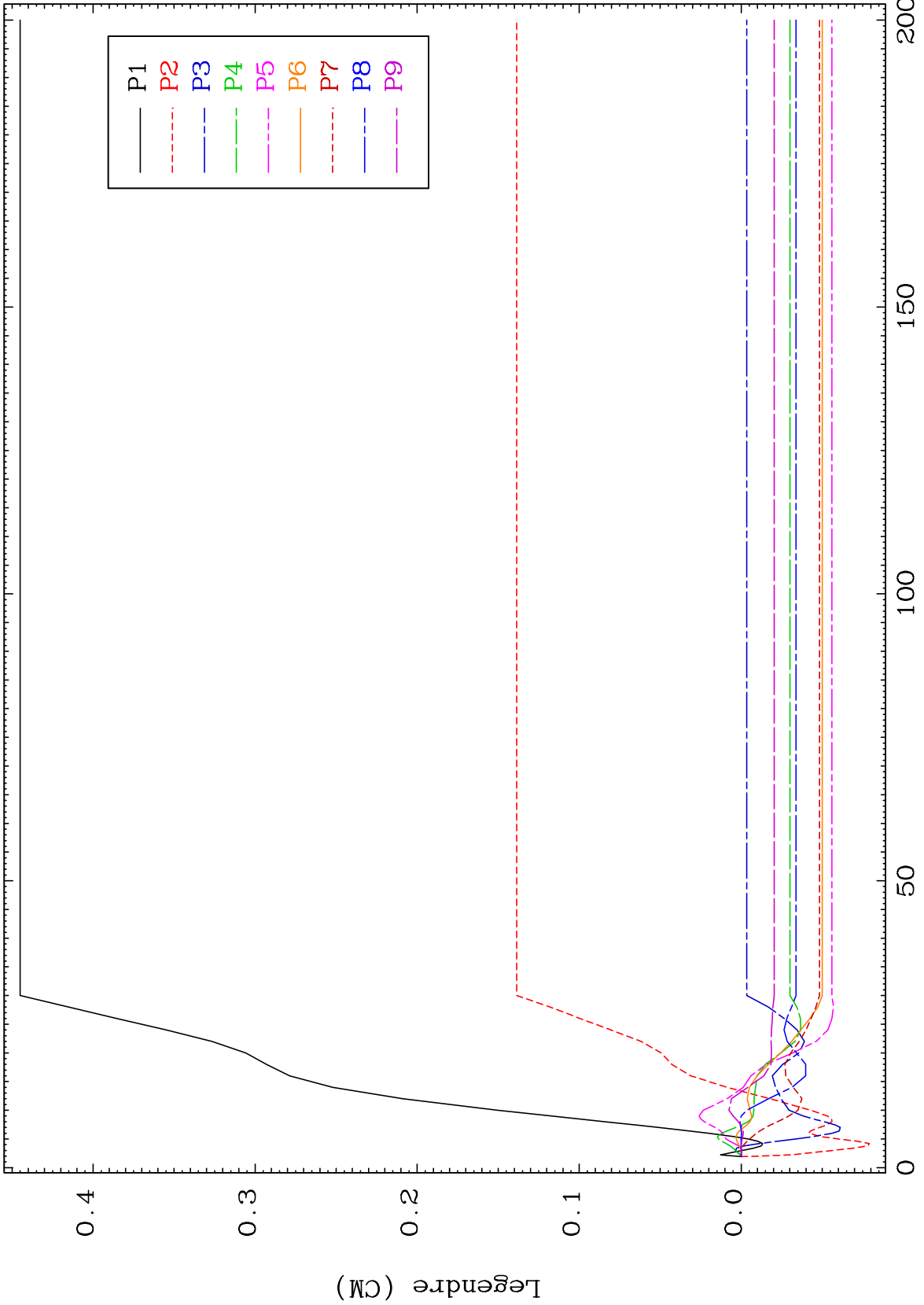
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



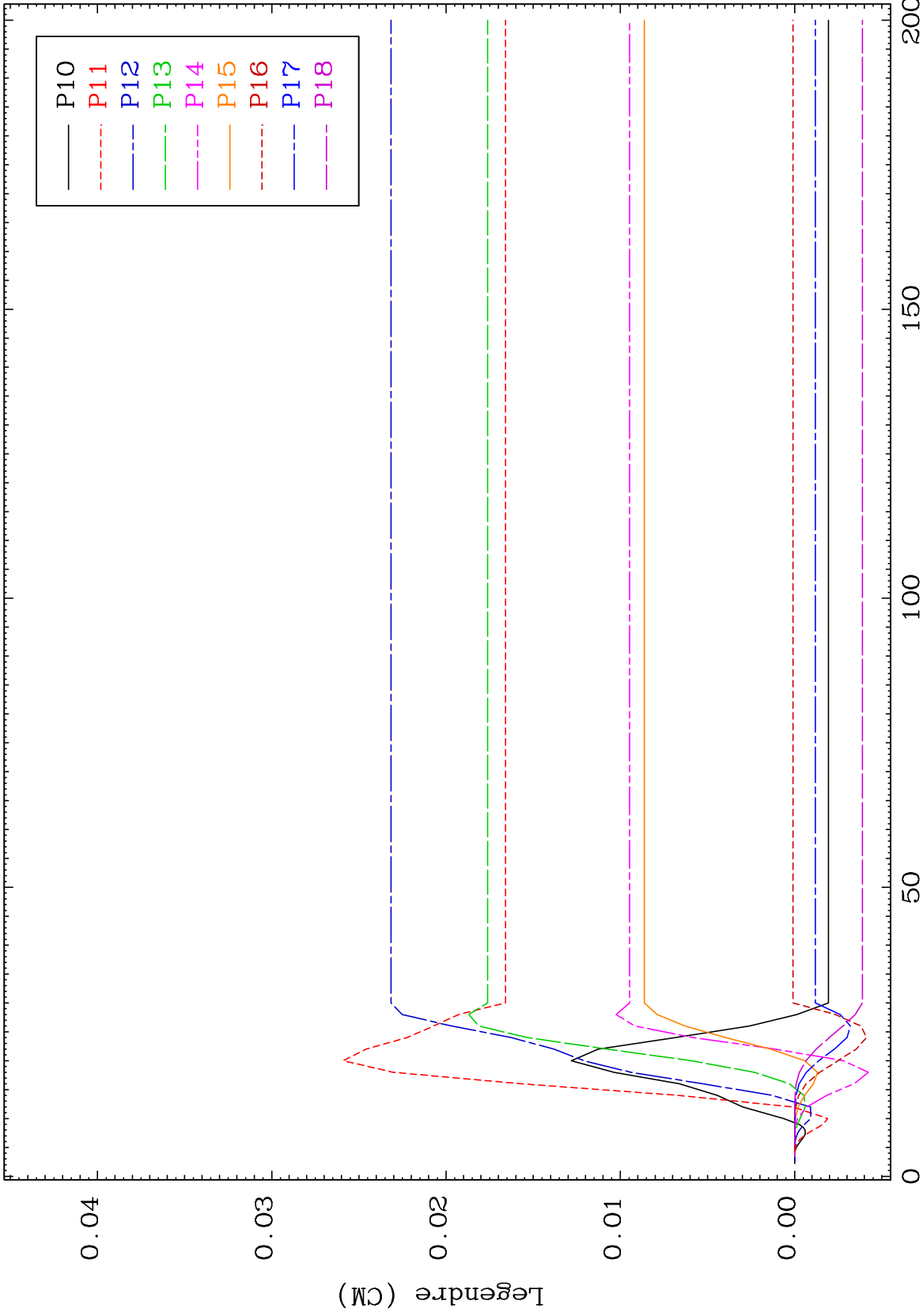
54-Xe-124

Incident Energy (MeV)

MAT 5425

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

54-Xe-124



61

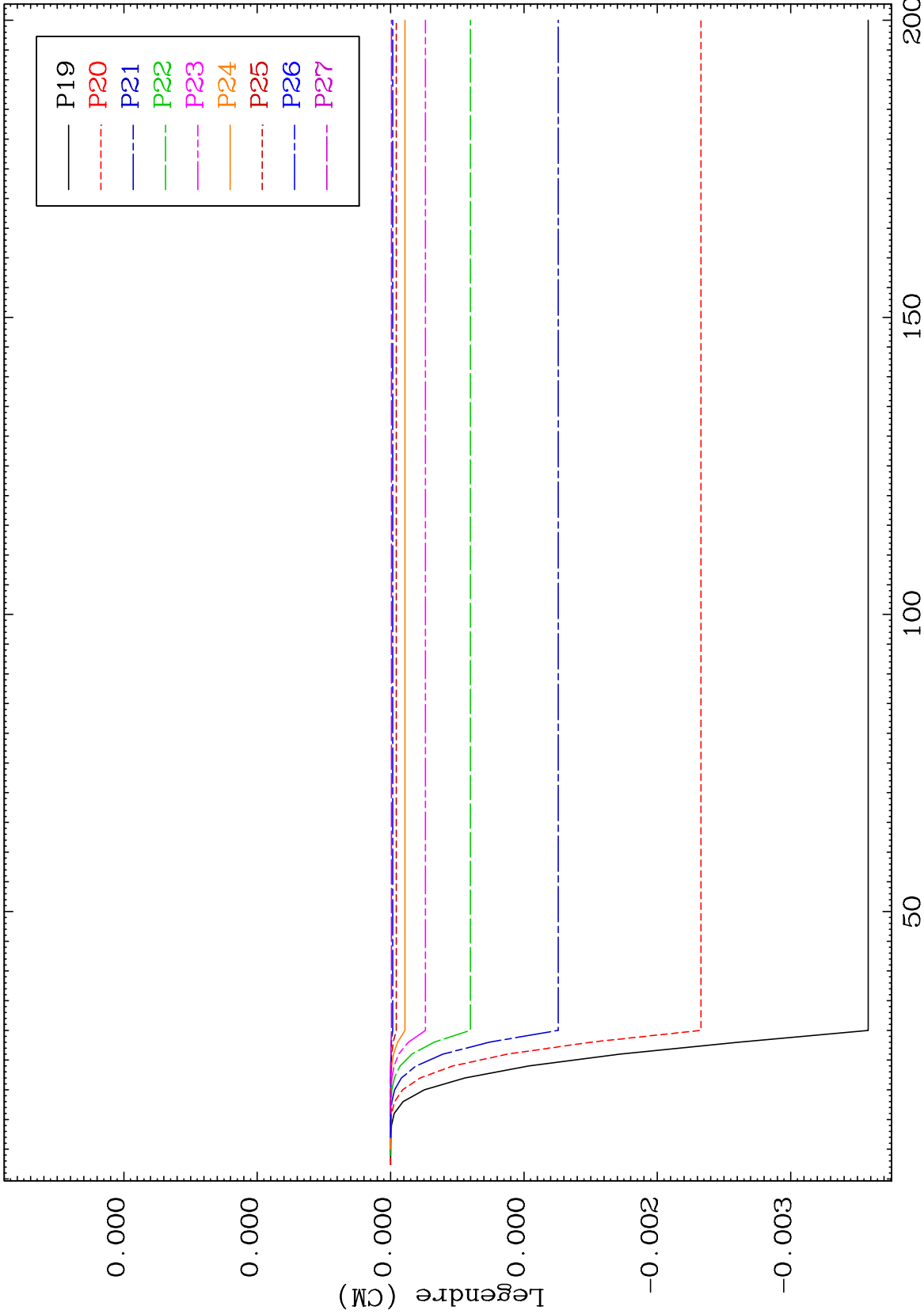
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



62

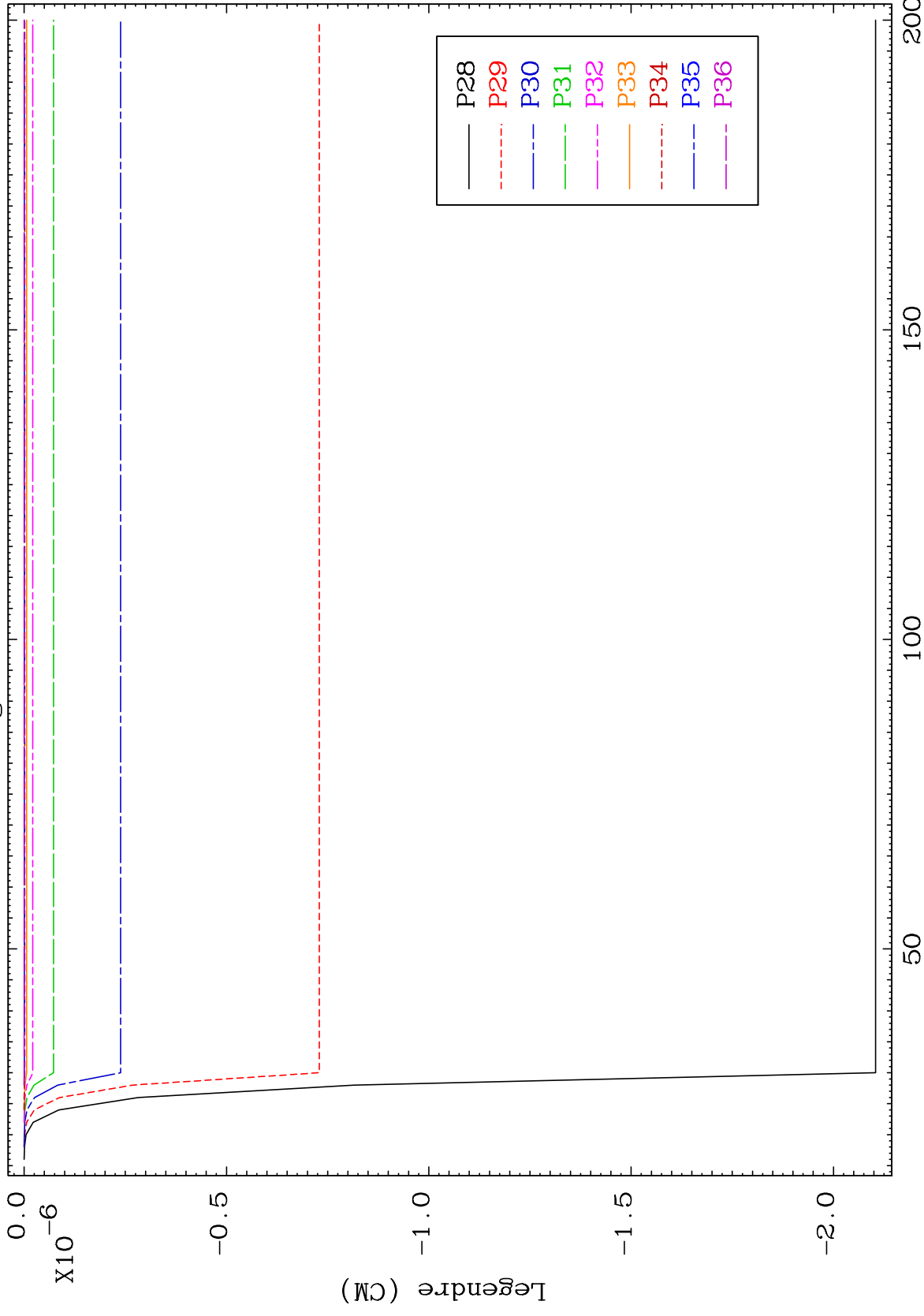
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

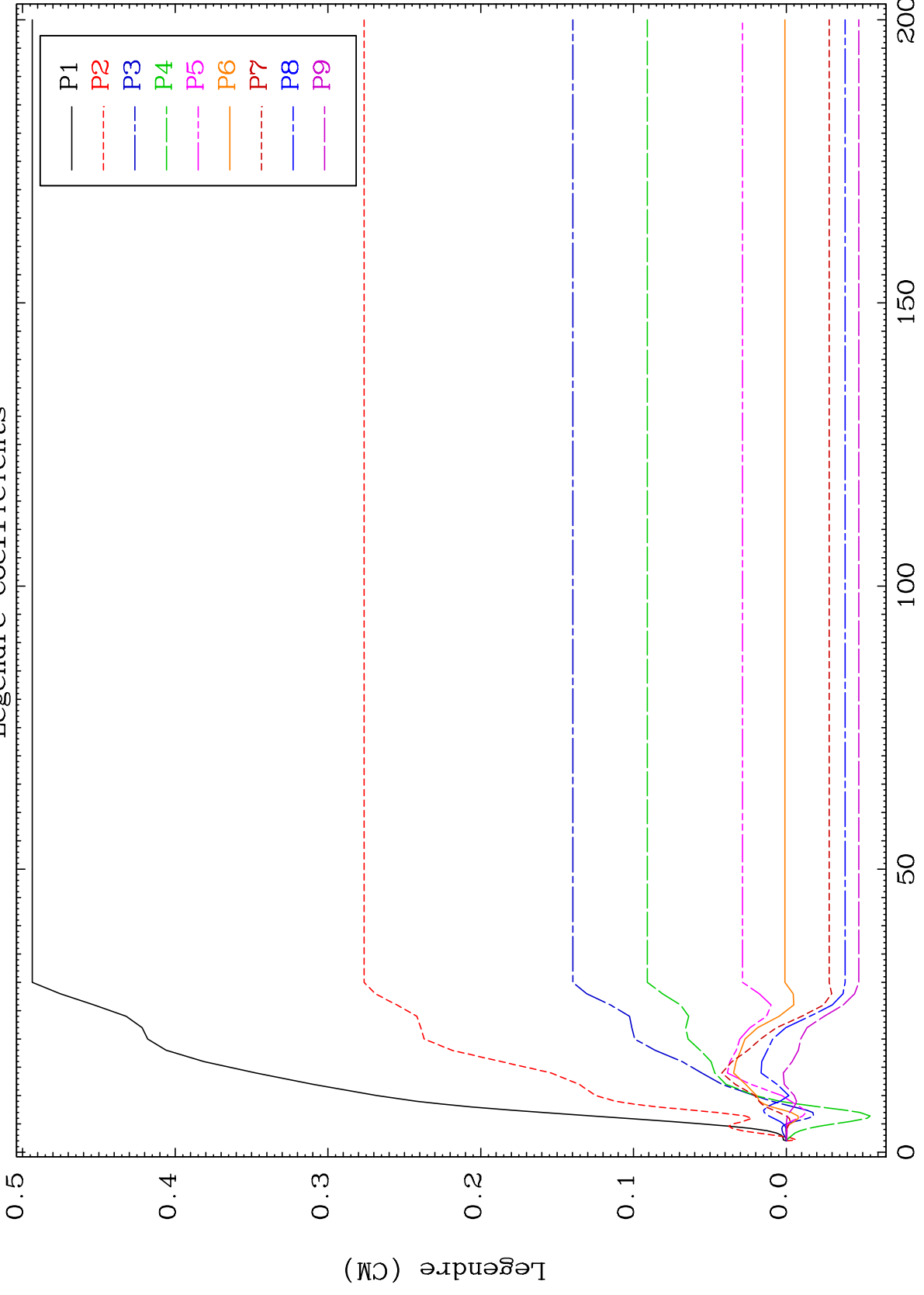


54-Xe-124

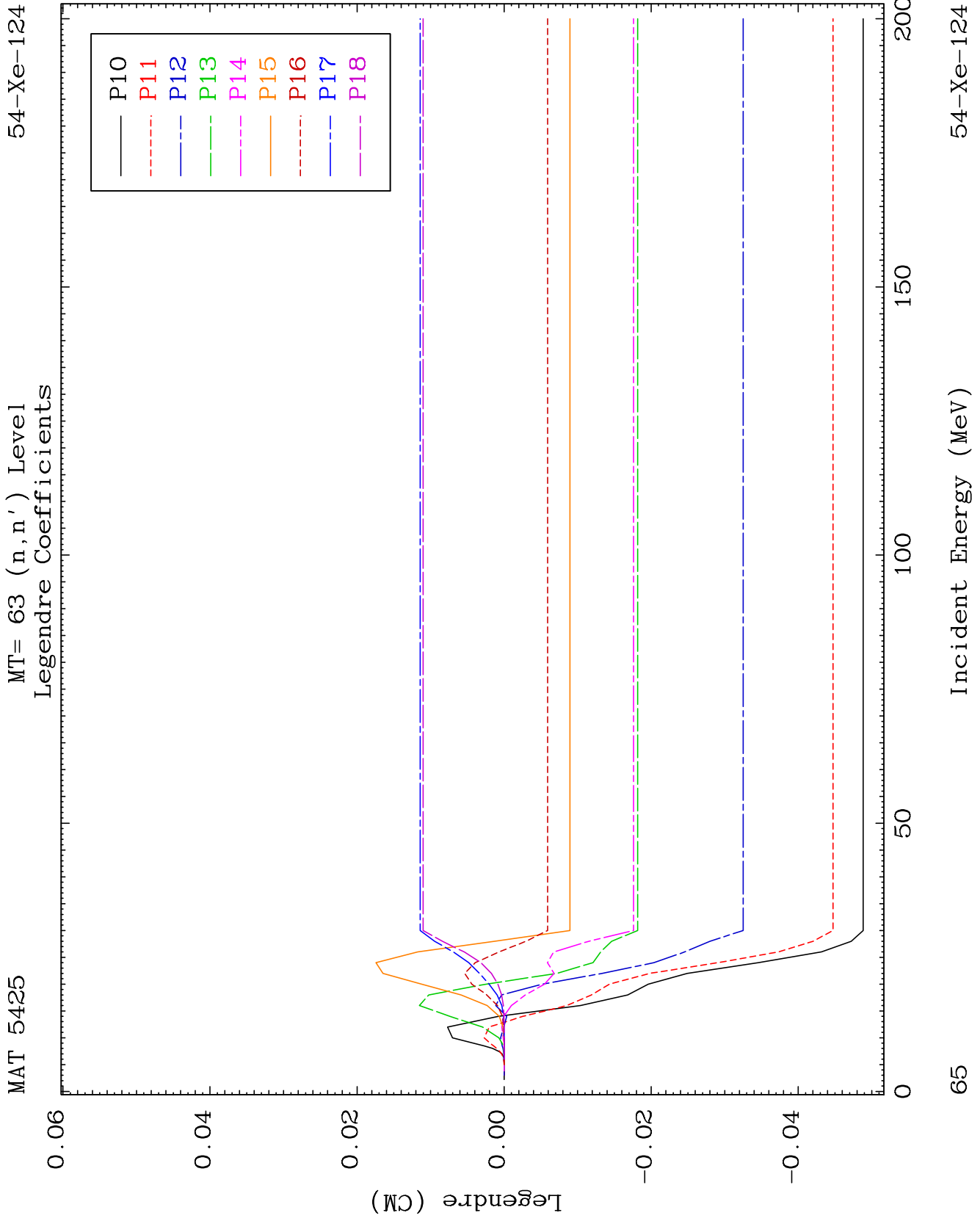
Incident Energy (MeV)

63

MAT 5425 MT= 63 (n,n') Level Legendre Coefficients 54-Xe-124



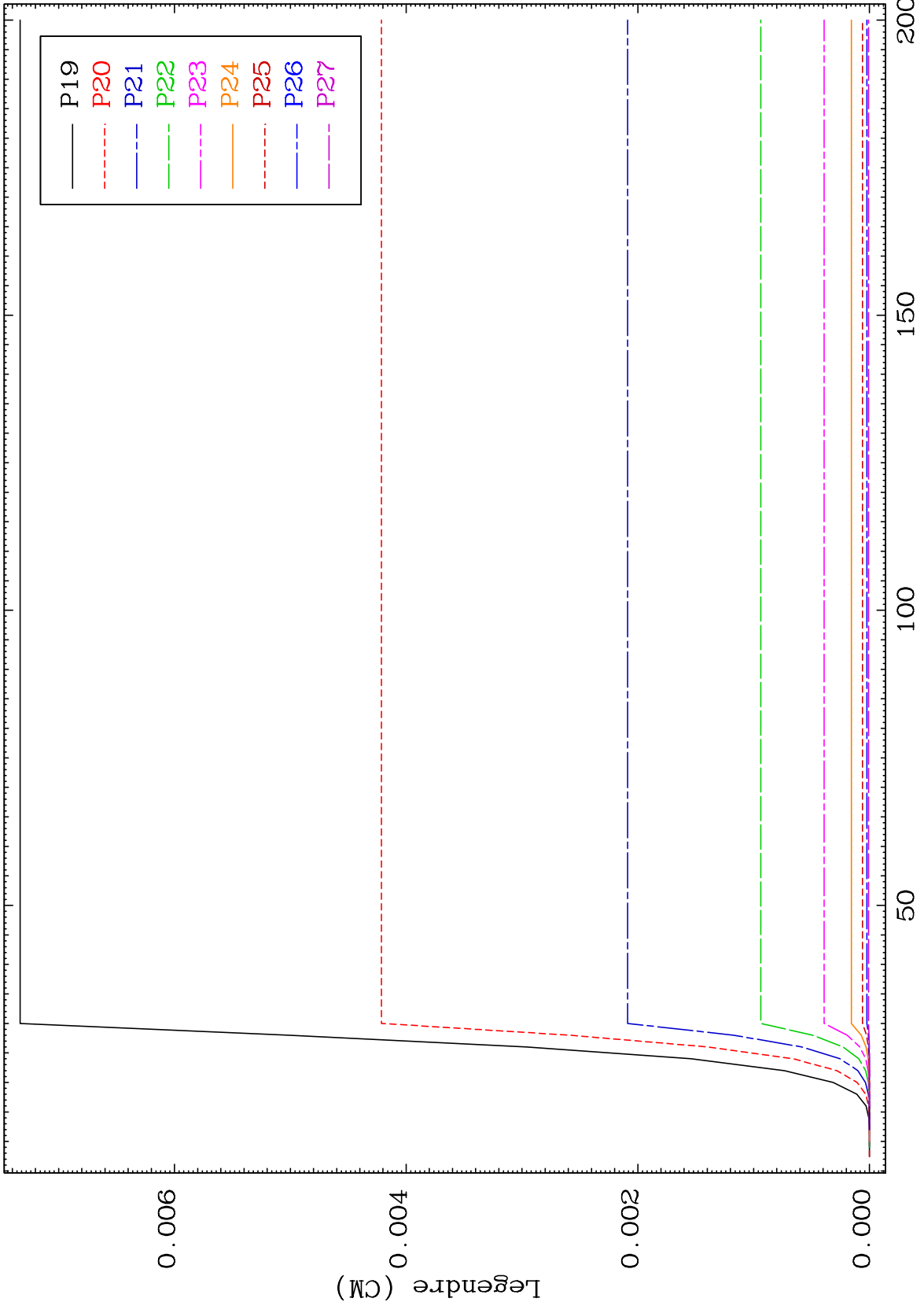
64 54-Xe-124



MAT 5425

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

54-Xe-124



66

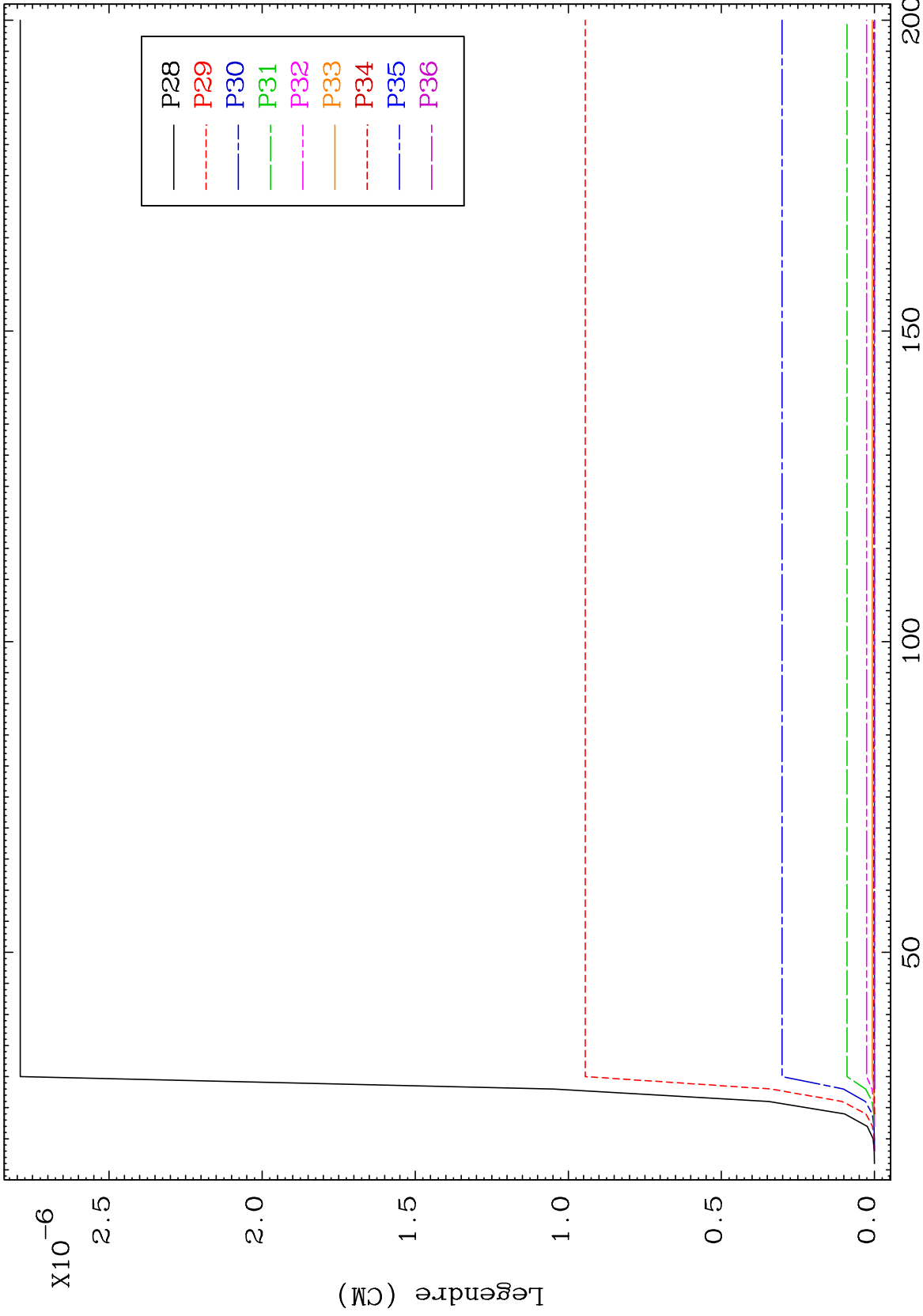
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

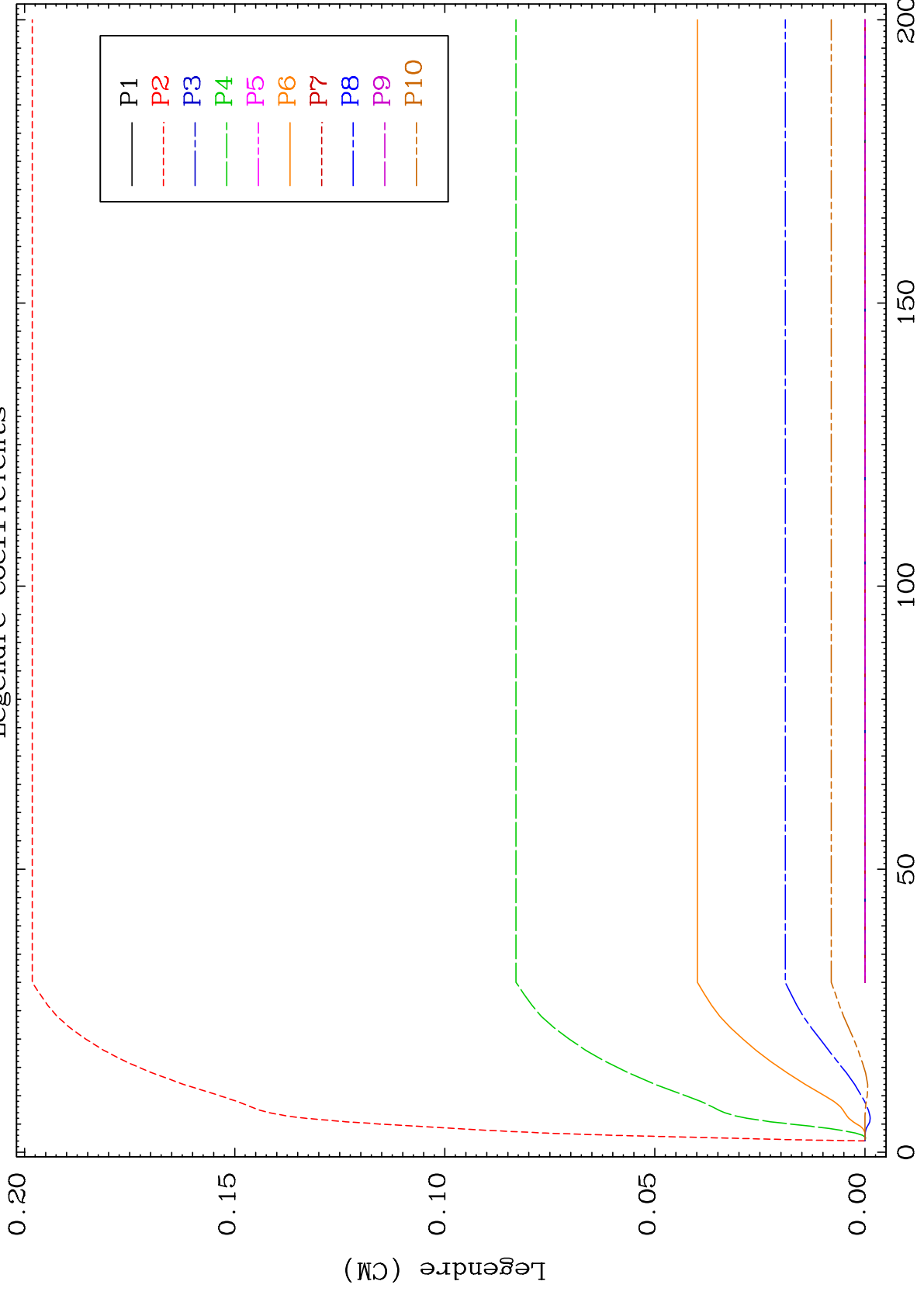
54-Xe-124



67

54-Xe-124

MAT 5425 MT= 64 (n,n') Level Legendre Coefficients 54-Xe-124

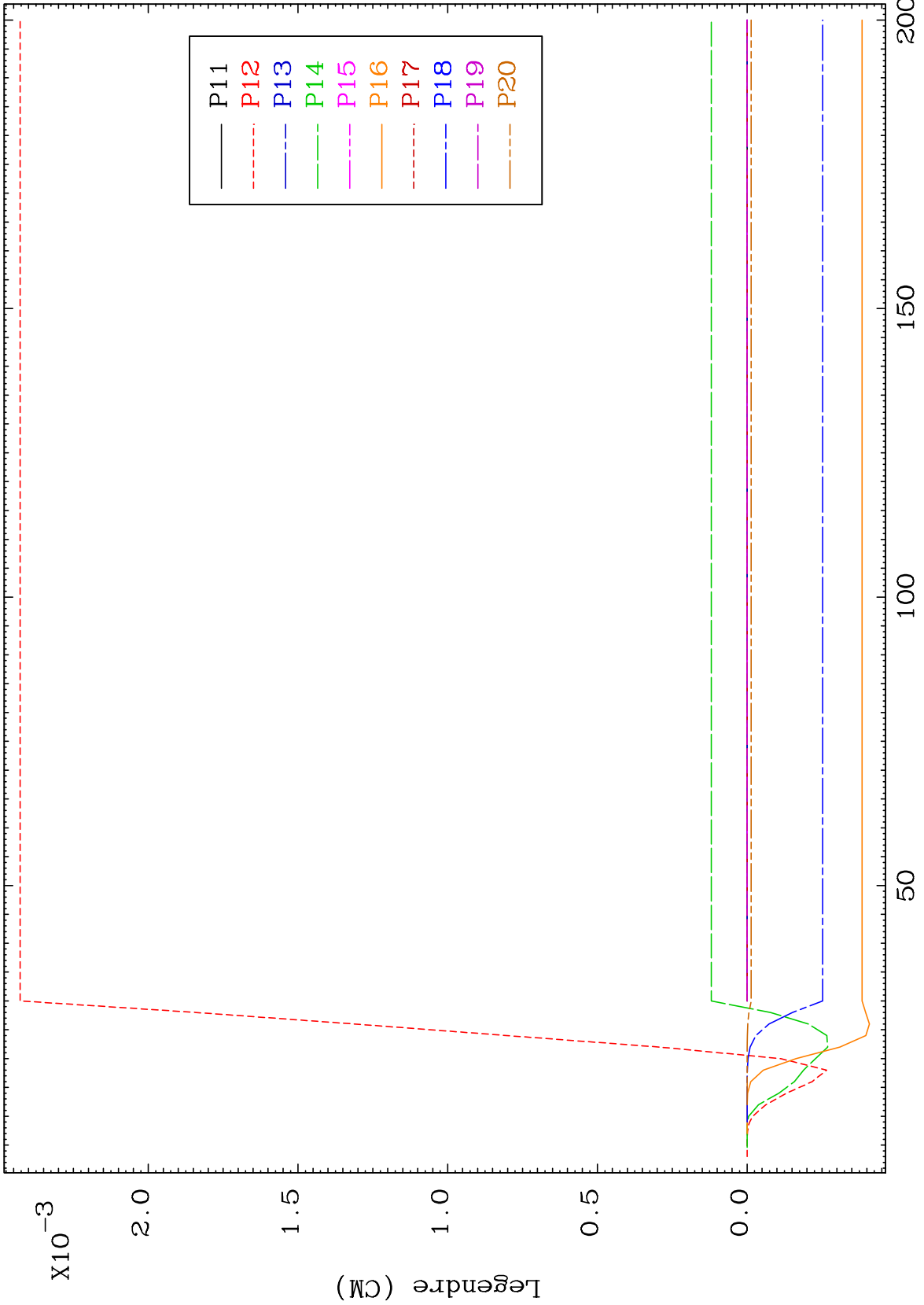


68 54-Xe-124

MAT 5425

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

54-Xe-124

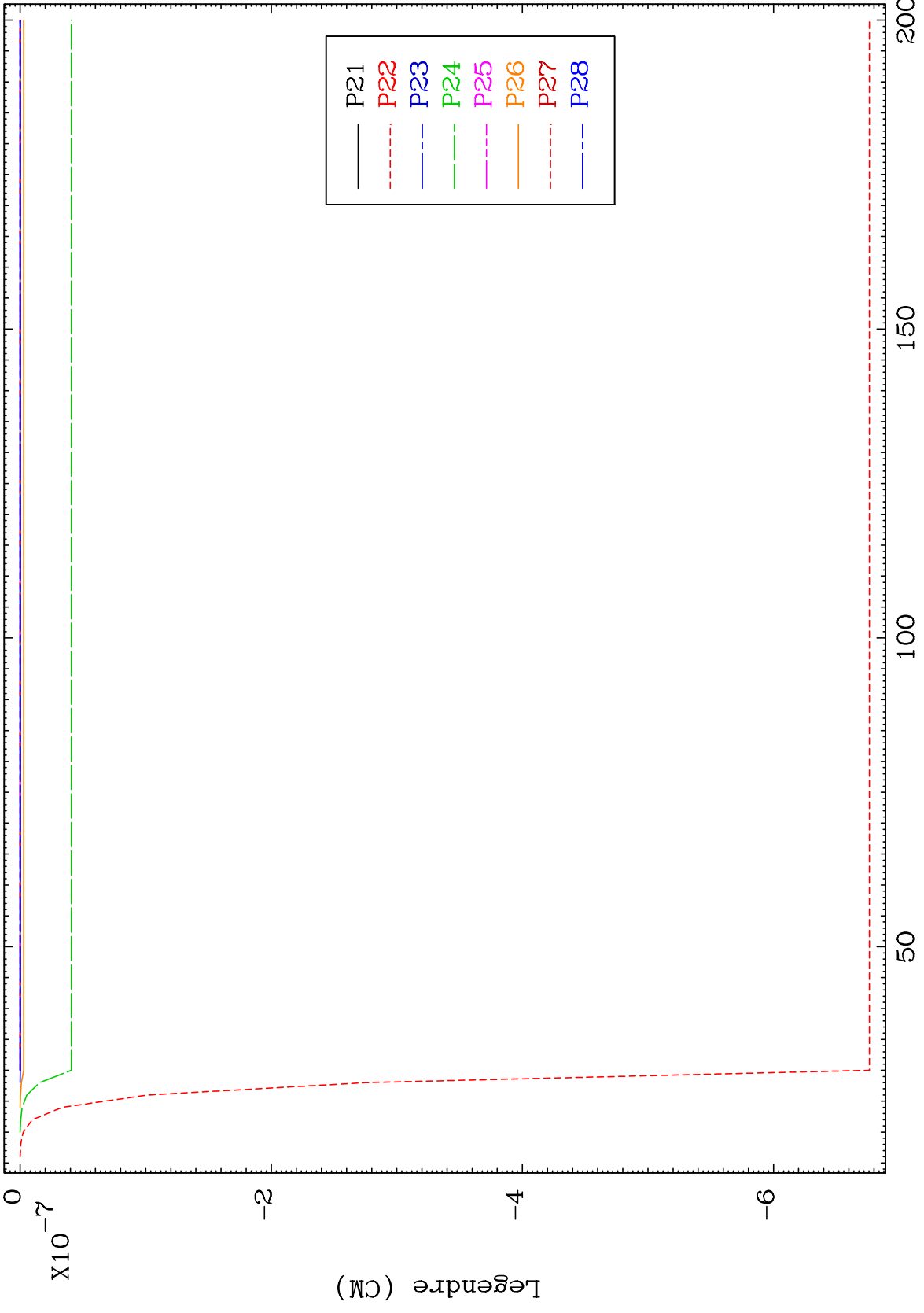


69

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 64 (n,n') Level Legendre Coefficients 54-Xe-124

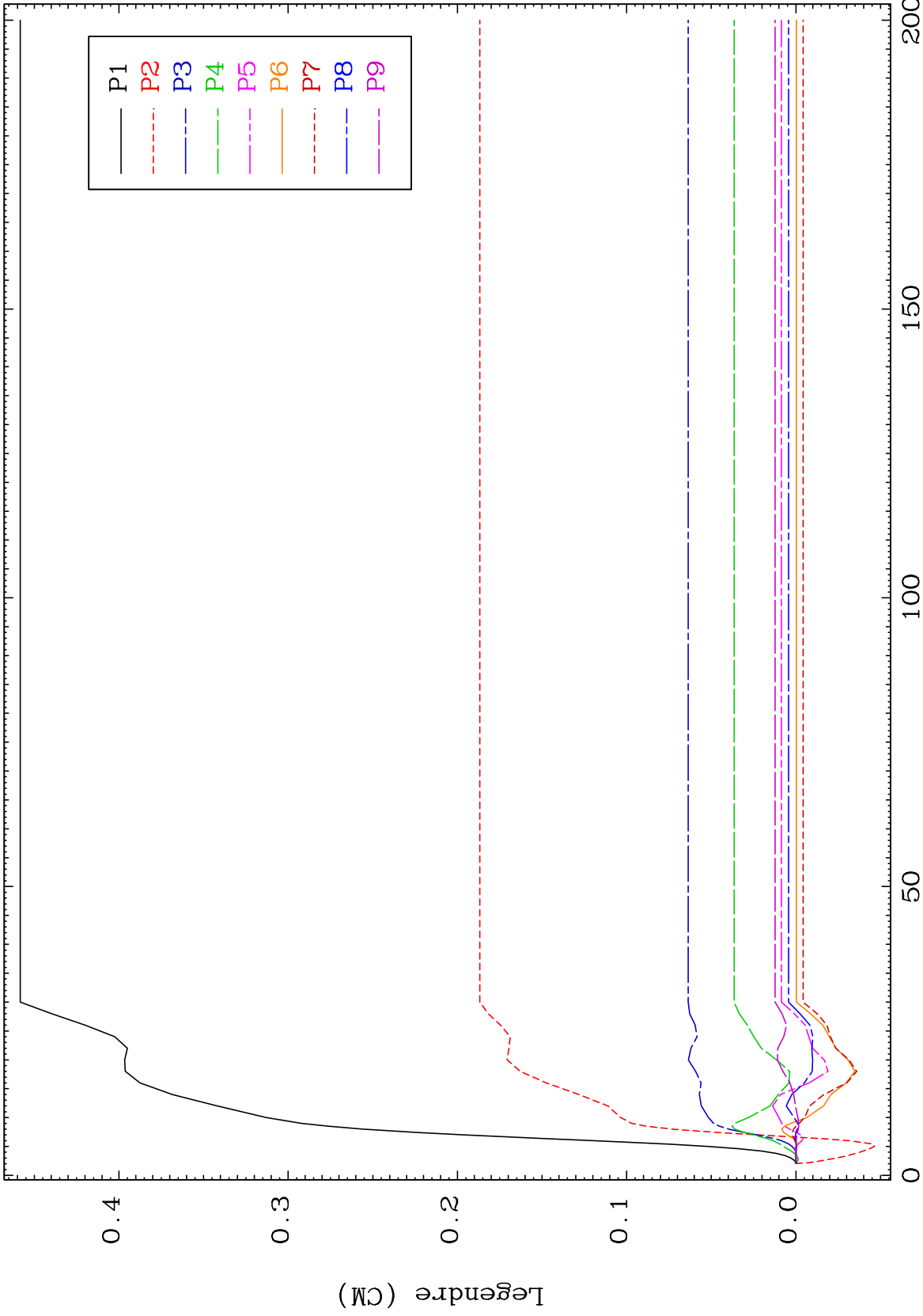


70 Incident Energy (MeV) 54-Xe-124

MAT 5425

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

54-Xe-124



71

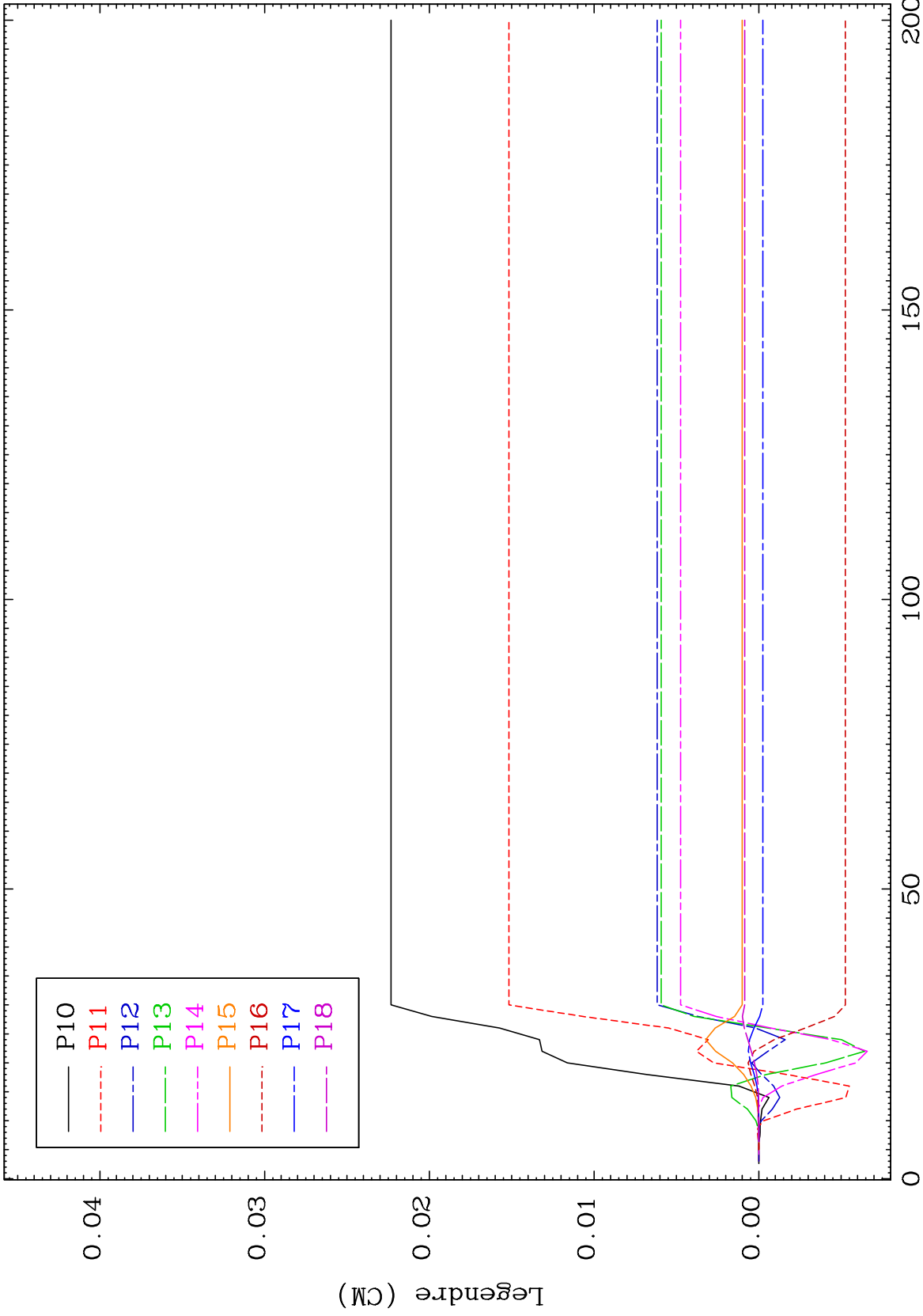
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



72

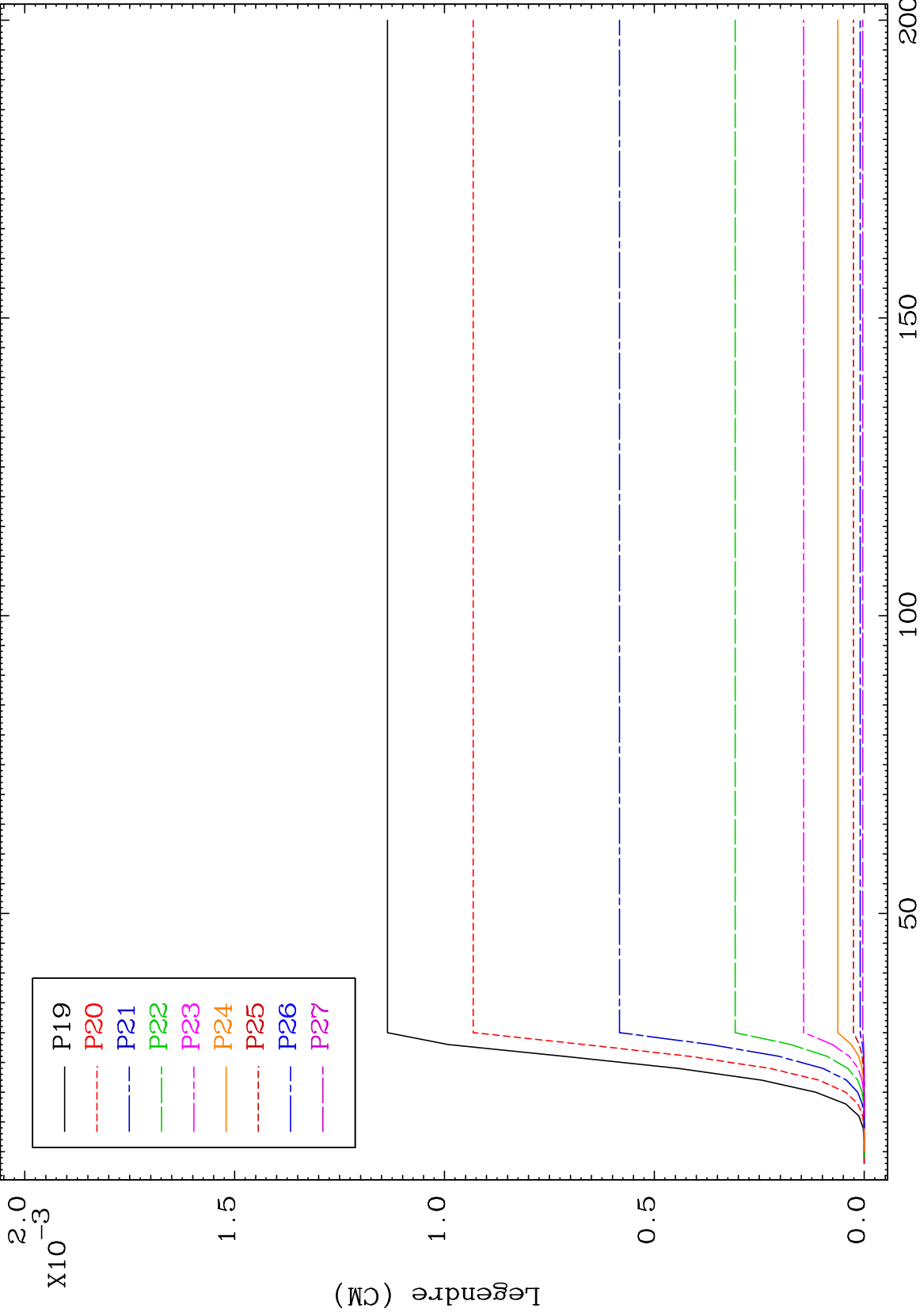
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



73

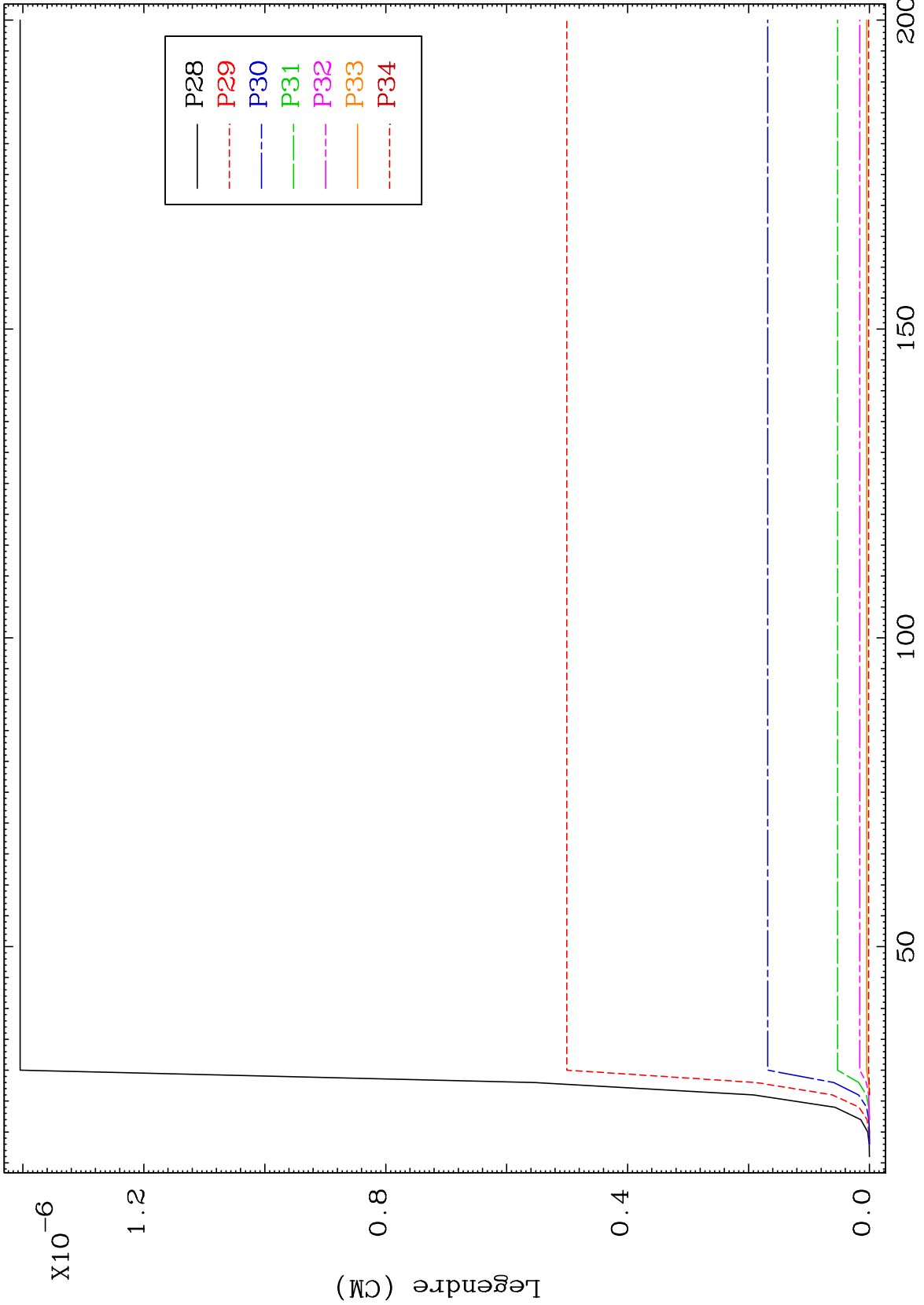
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



74

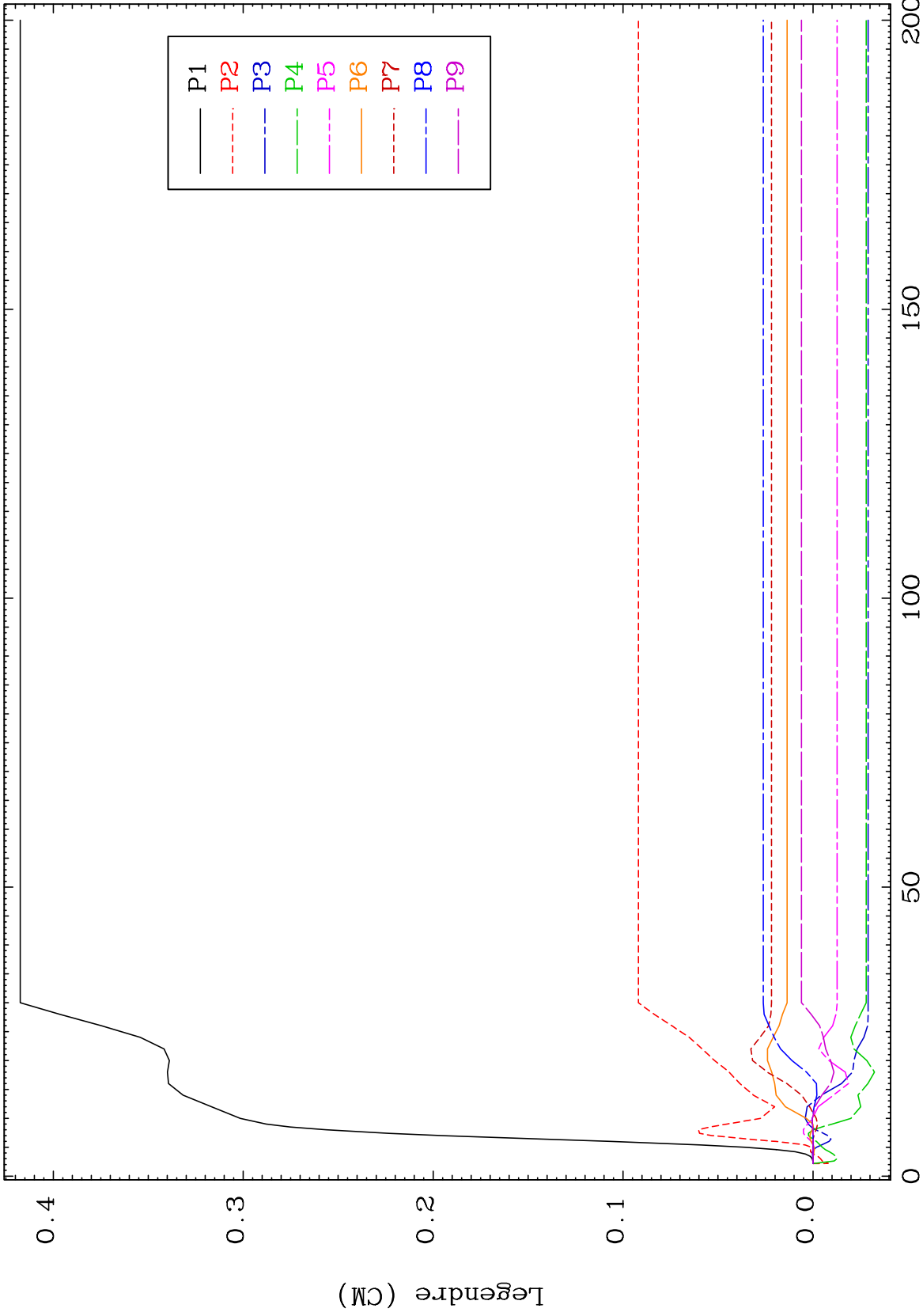
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



75

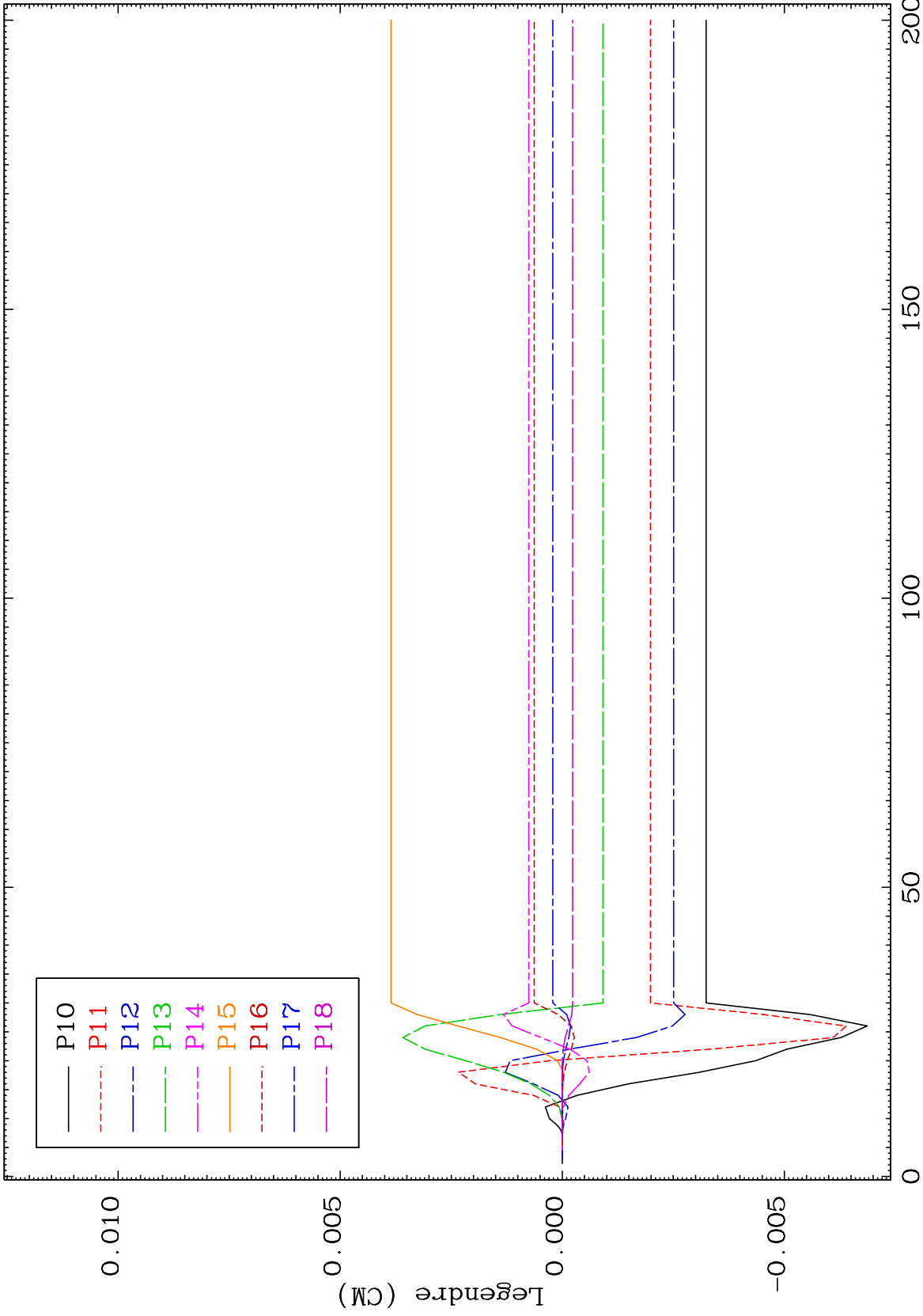
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



76

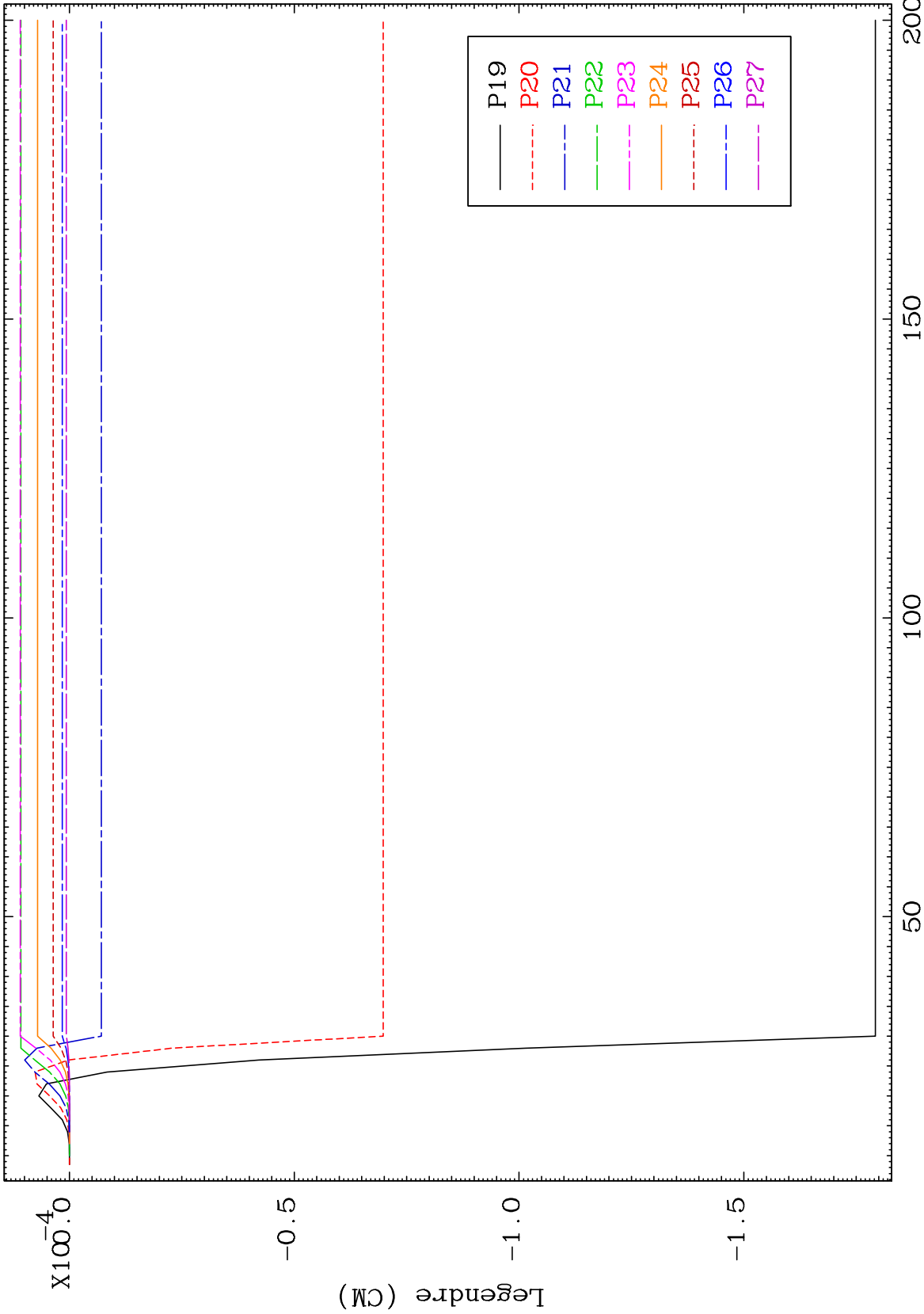
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



54-Xe-124

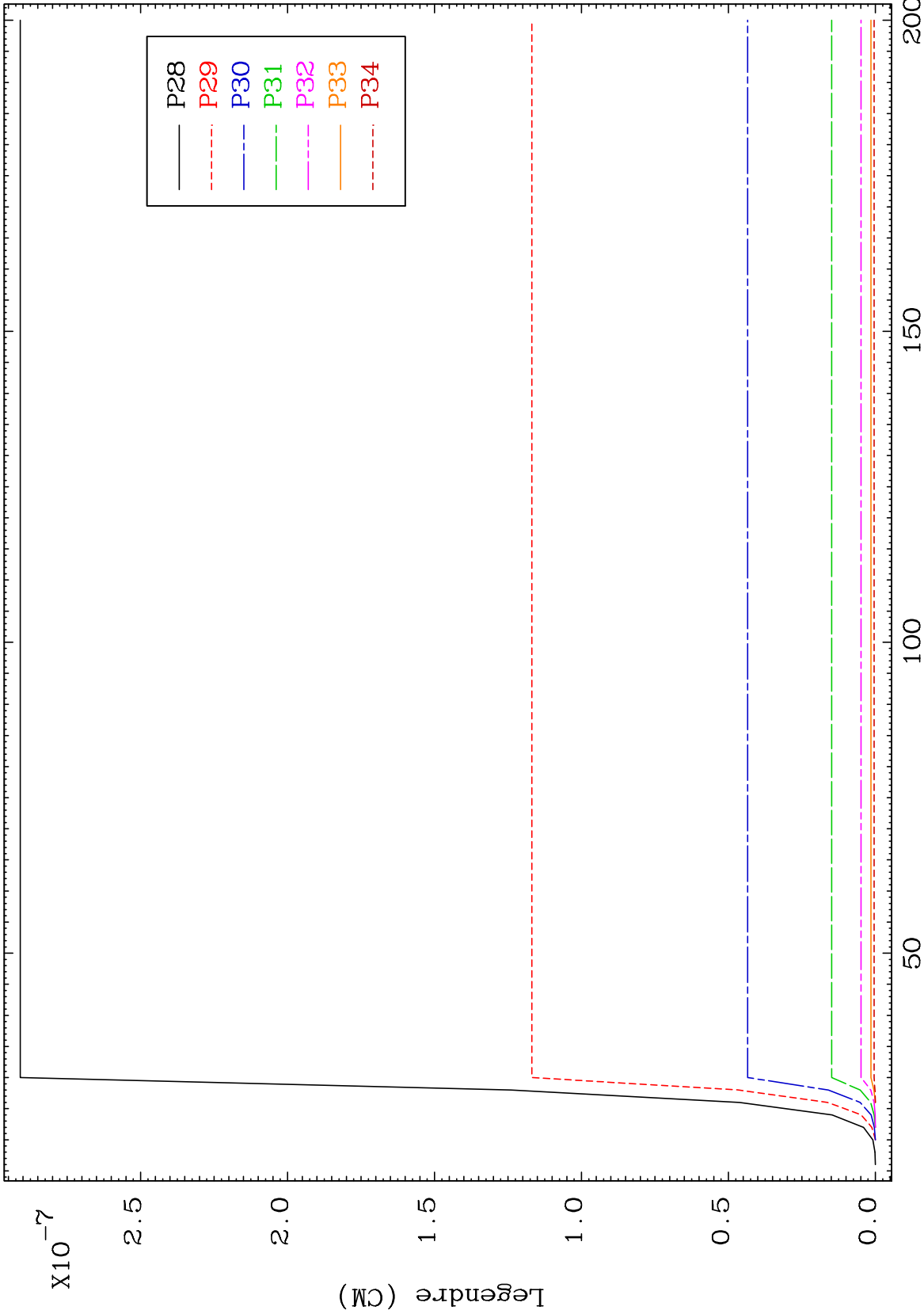
Incident Energy (MeV)

77

MAT 5425

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

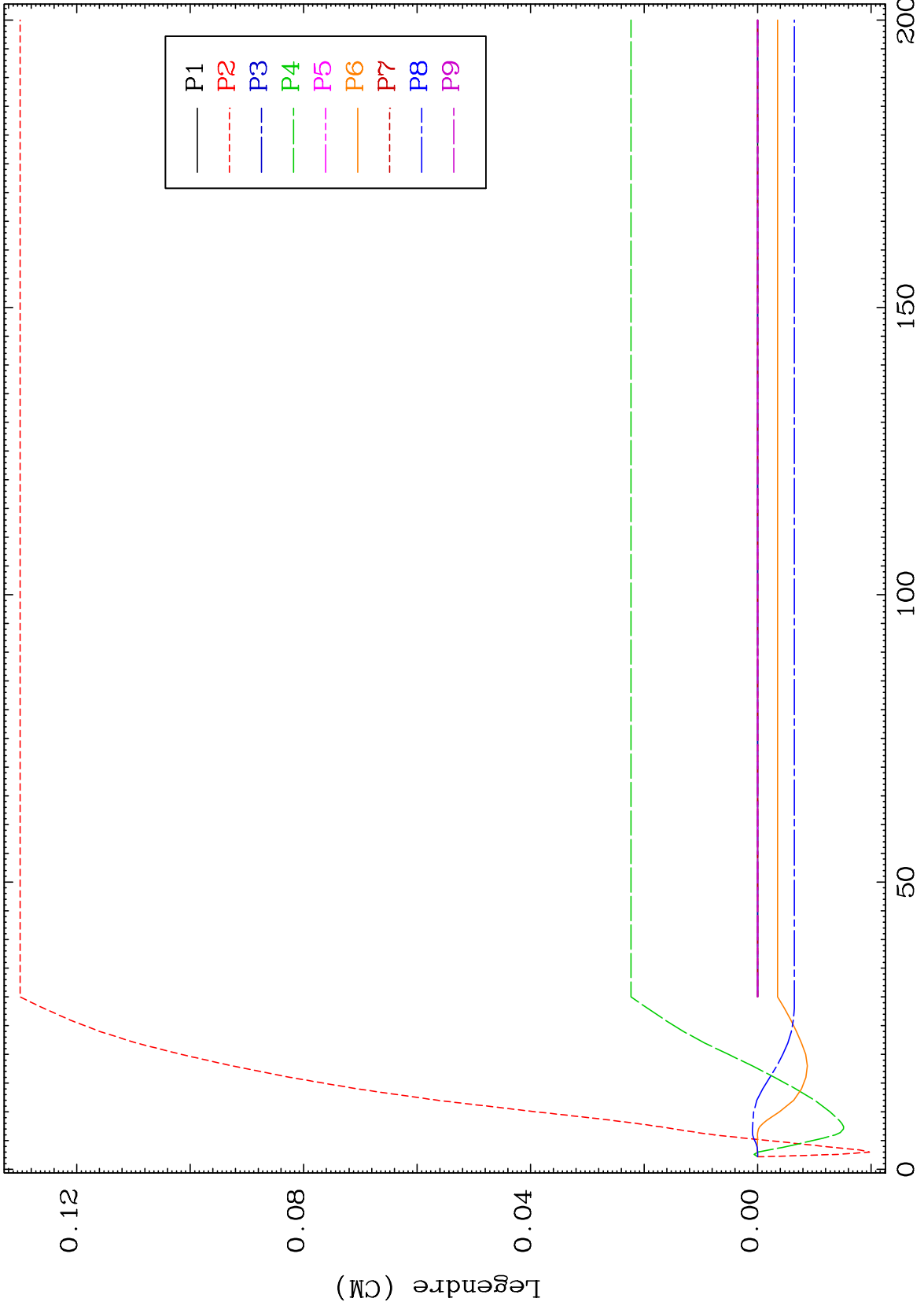
54-Xe-124



78

54-Xe-124

MAT 5425 MT= 67 (n,n') Level Legendre Coefficients 54-Xe-124

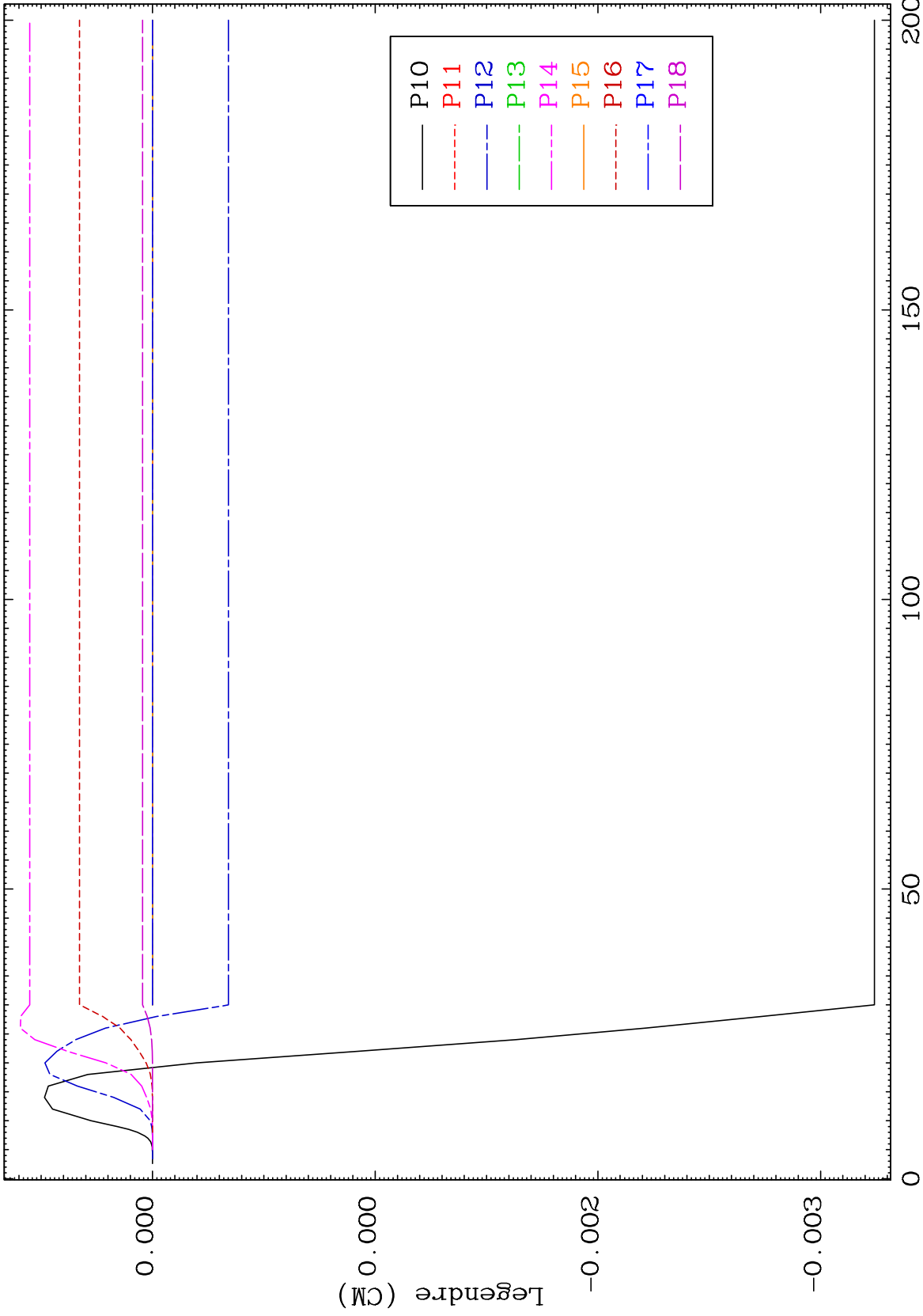


79 54-Xe-124

MAT 5425

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

54-Xe-124



80

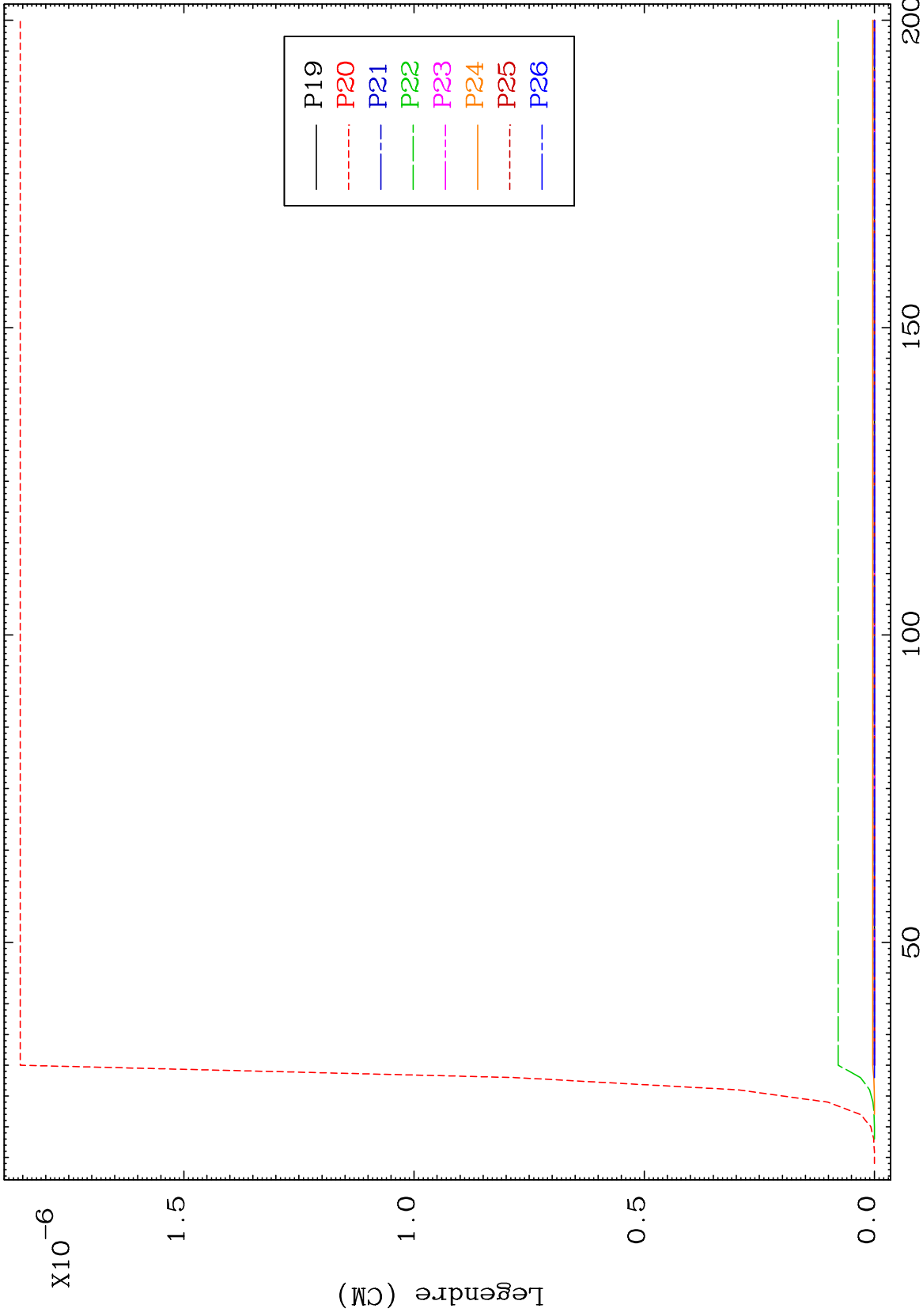
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

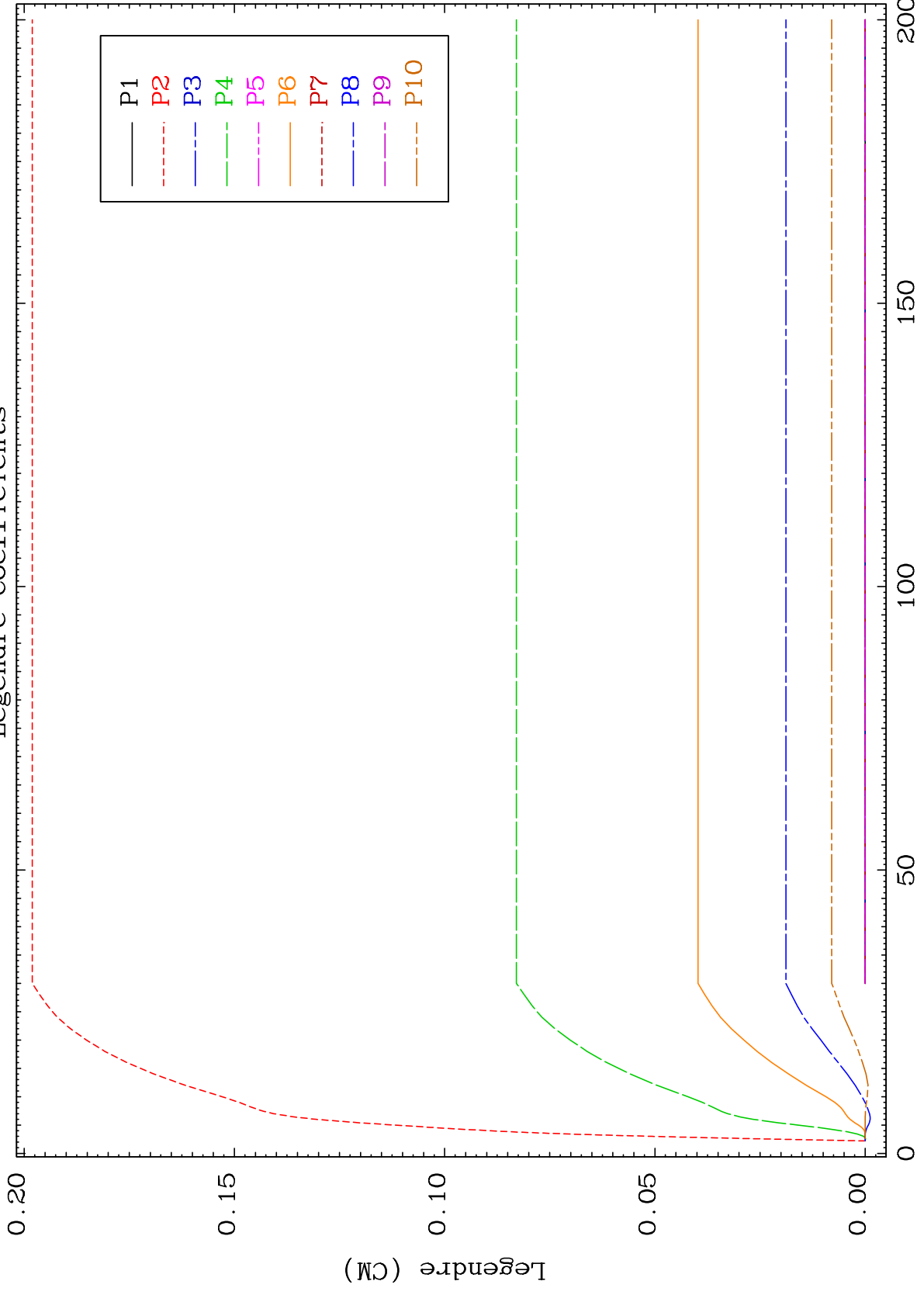


81

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 68 (n,n') Level Legendre Coefficients 54-Xe-124

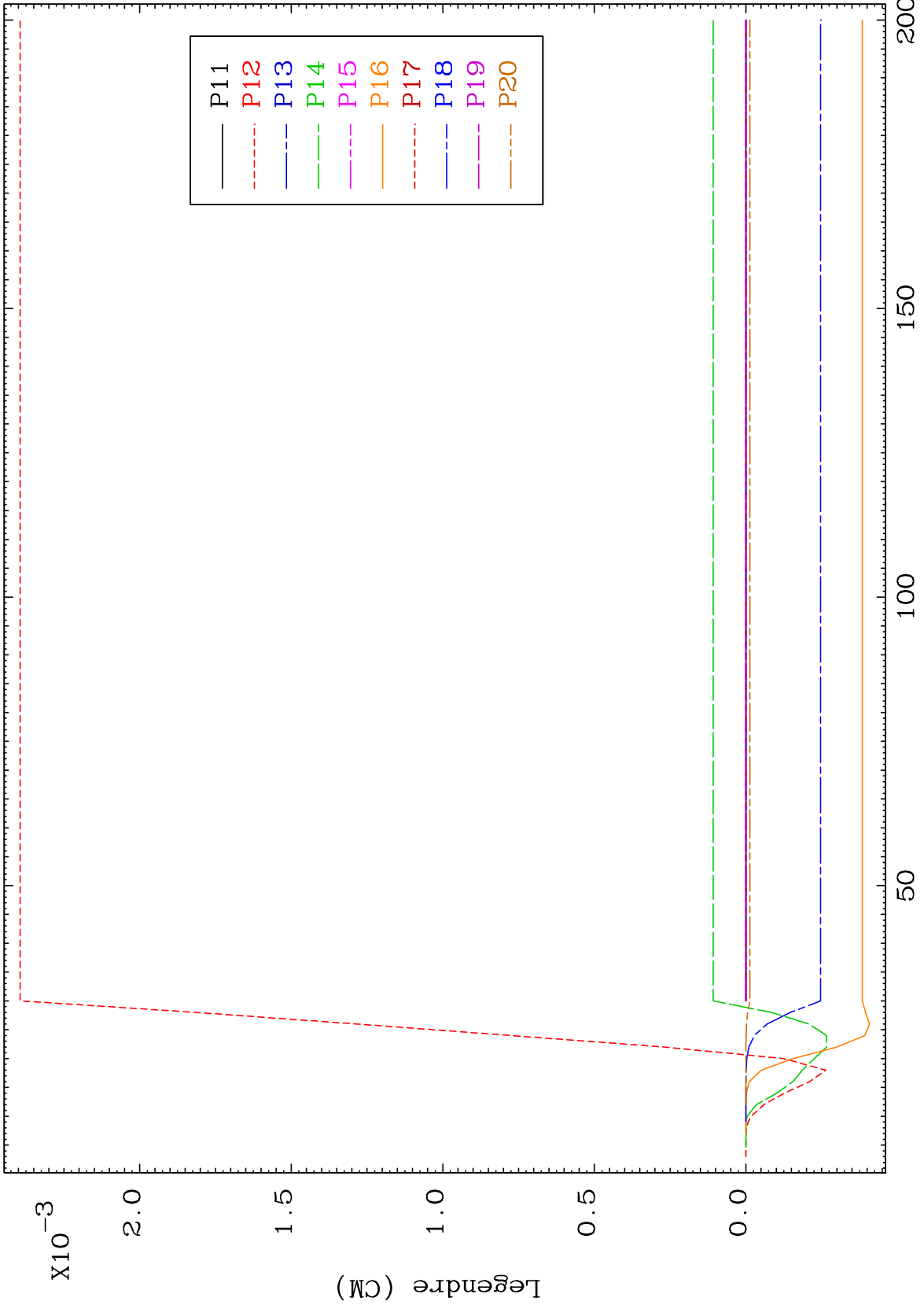


82 54-Xe-124

MAT 5425

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

54-Xe-124

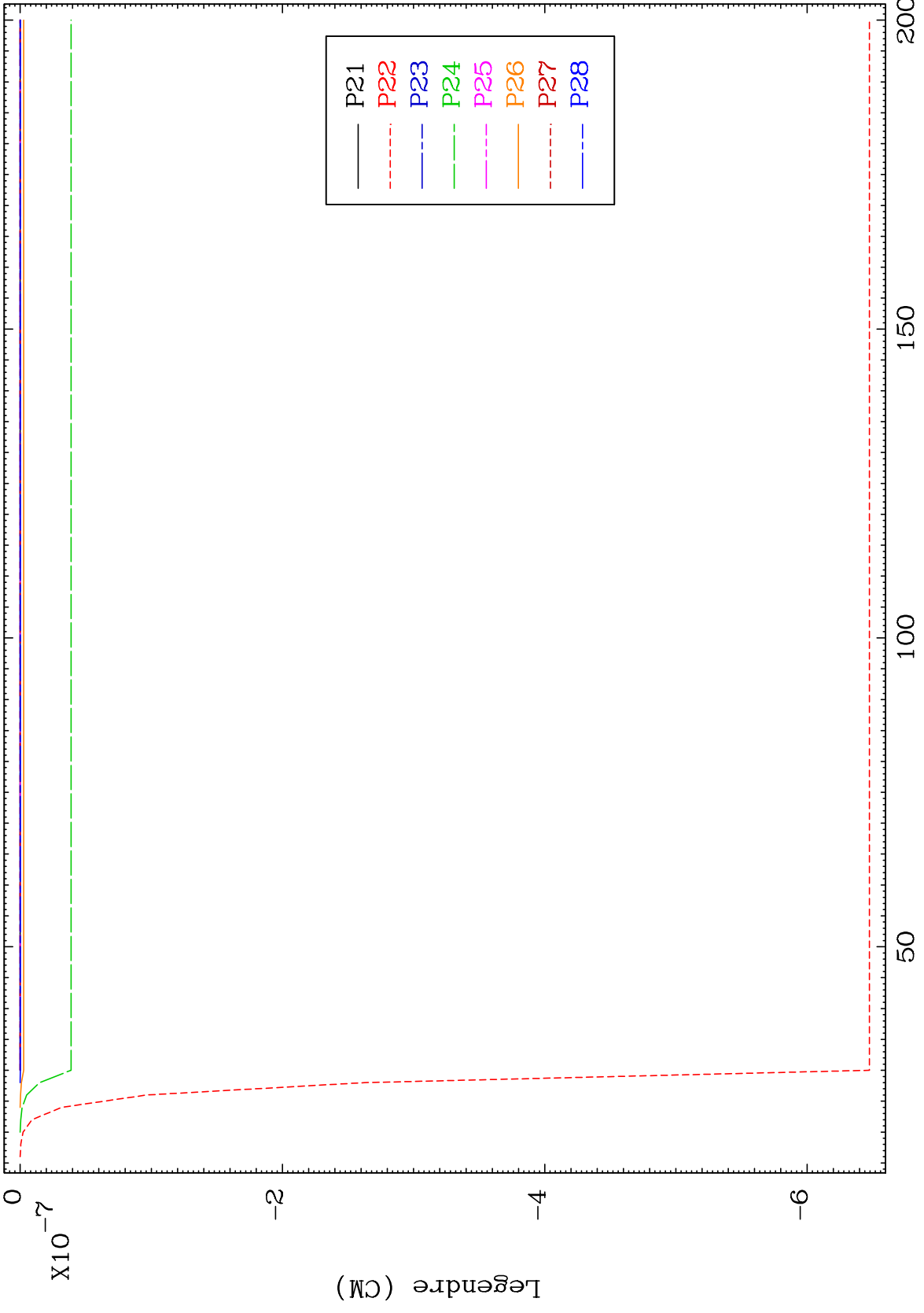


83

Incident Energy (MeV)

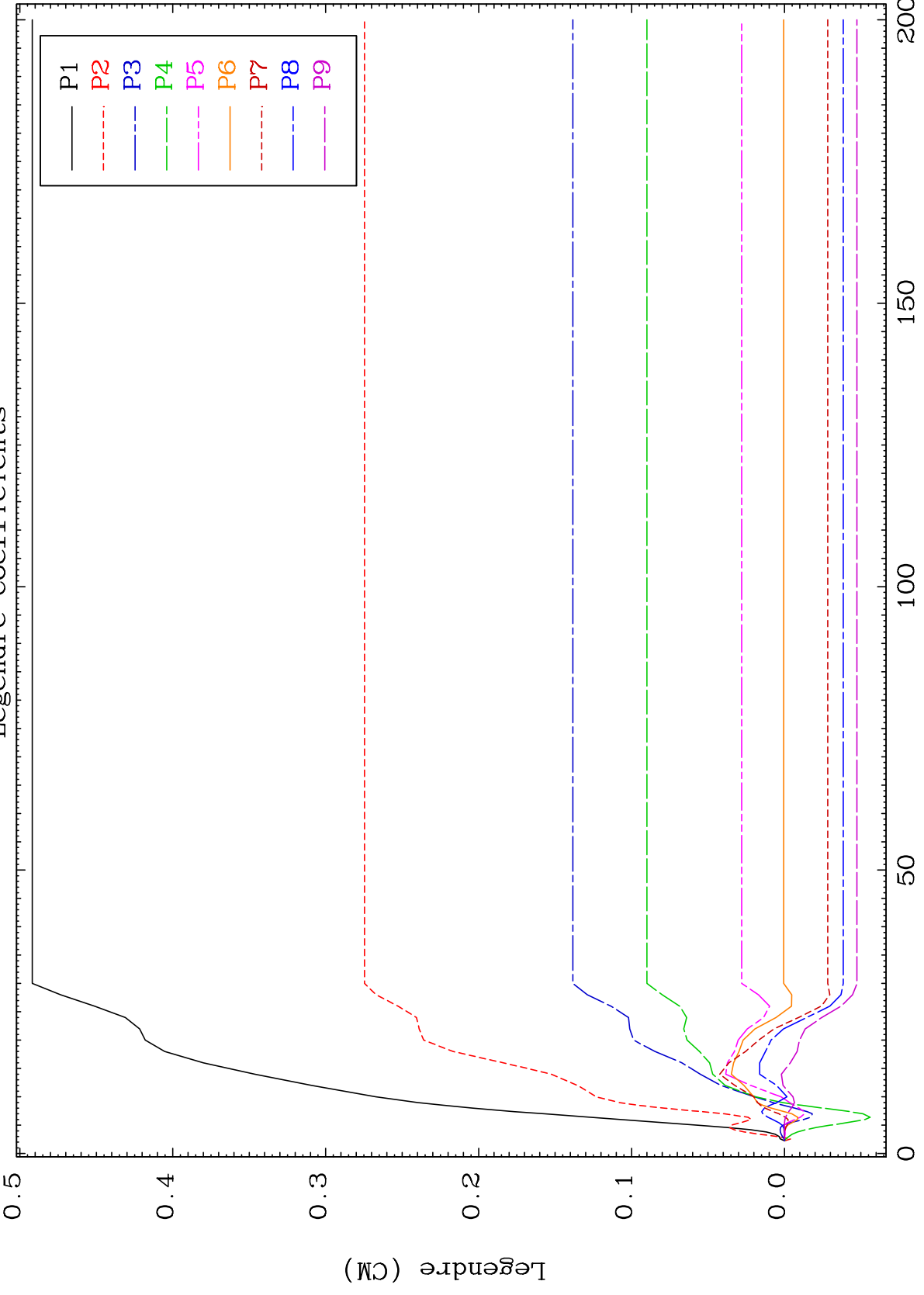
54-Xe-124

MAT 5425 MT= 68 (n,n') Level Legendre Coefficients 54-Xe-124



84 54-Xe-124

MAT 5425 MT= 69 (n,n') Level Legendre Coefficients 54-Xe-124

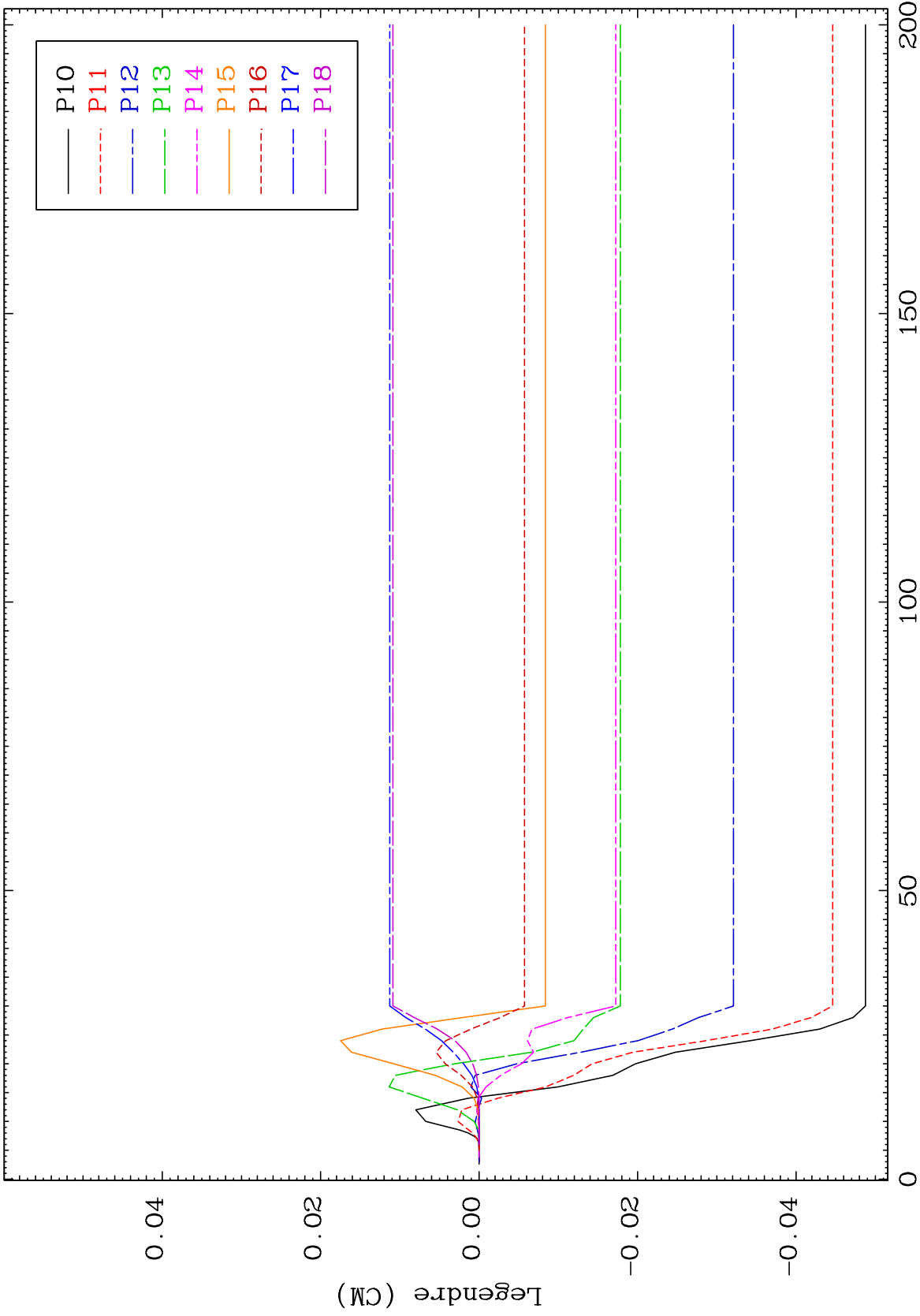


85 Incident Energy (MeV) 54-Xe-124

MAT 5425

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

54-Xe-124



86

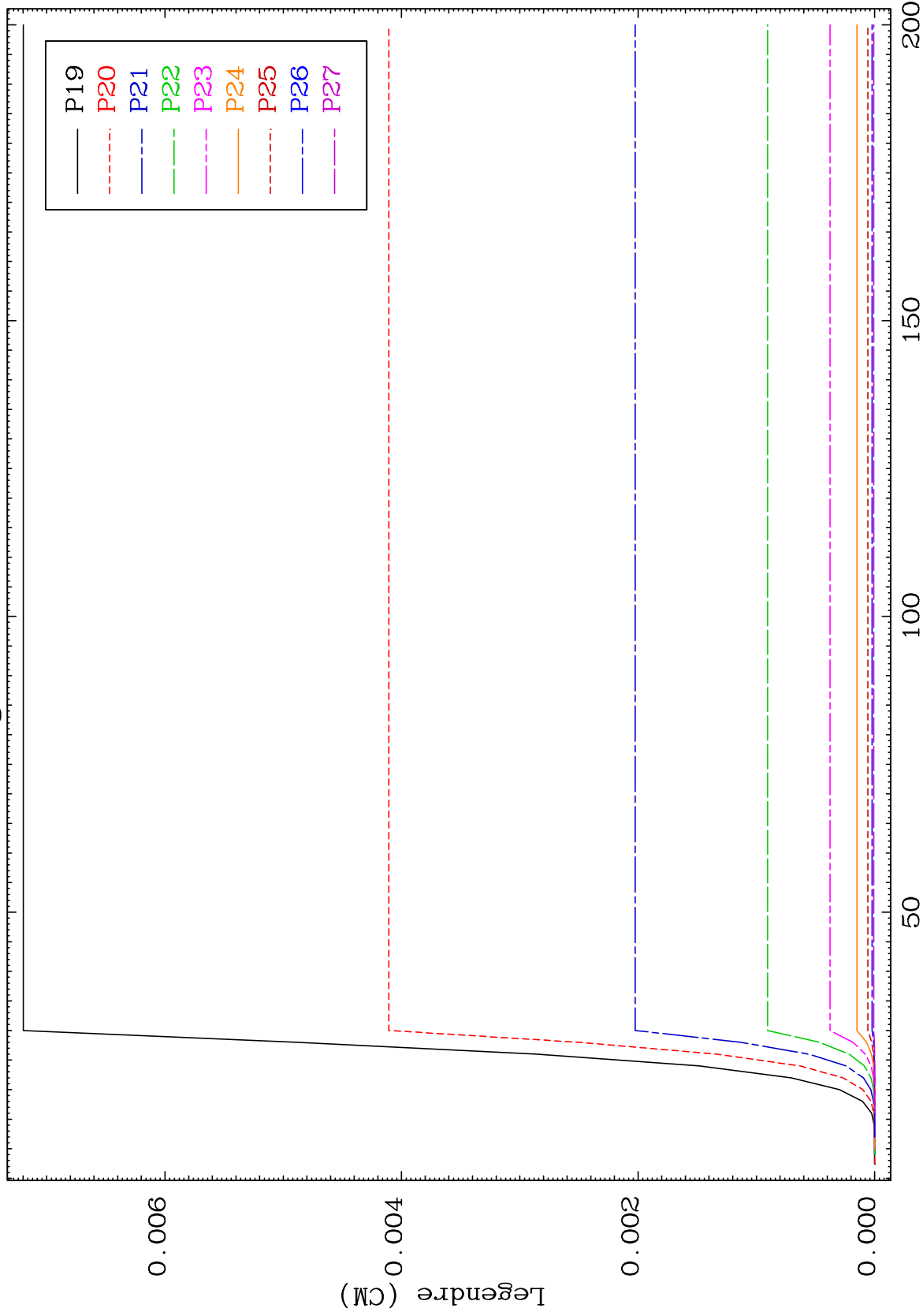
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



87

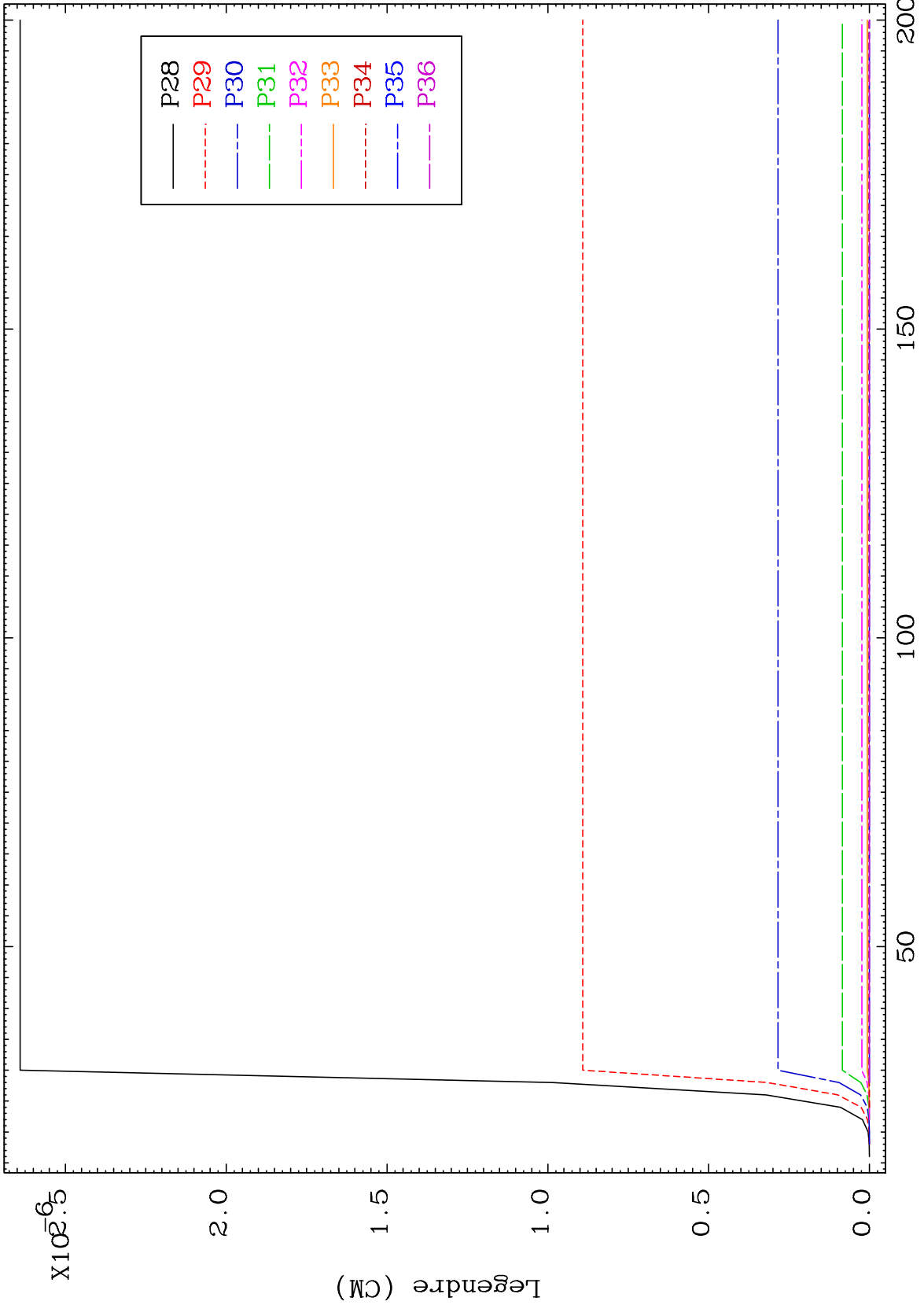
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

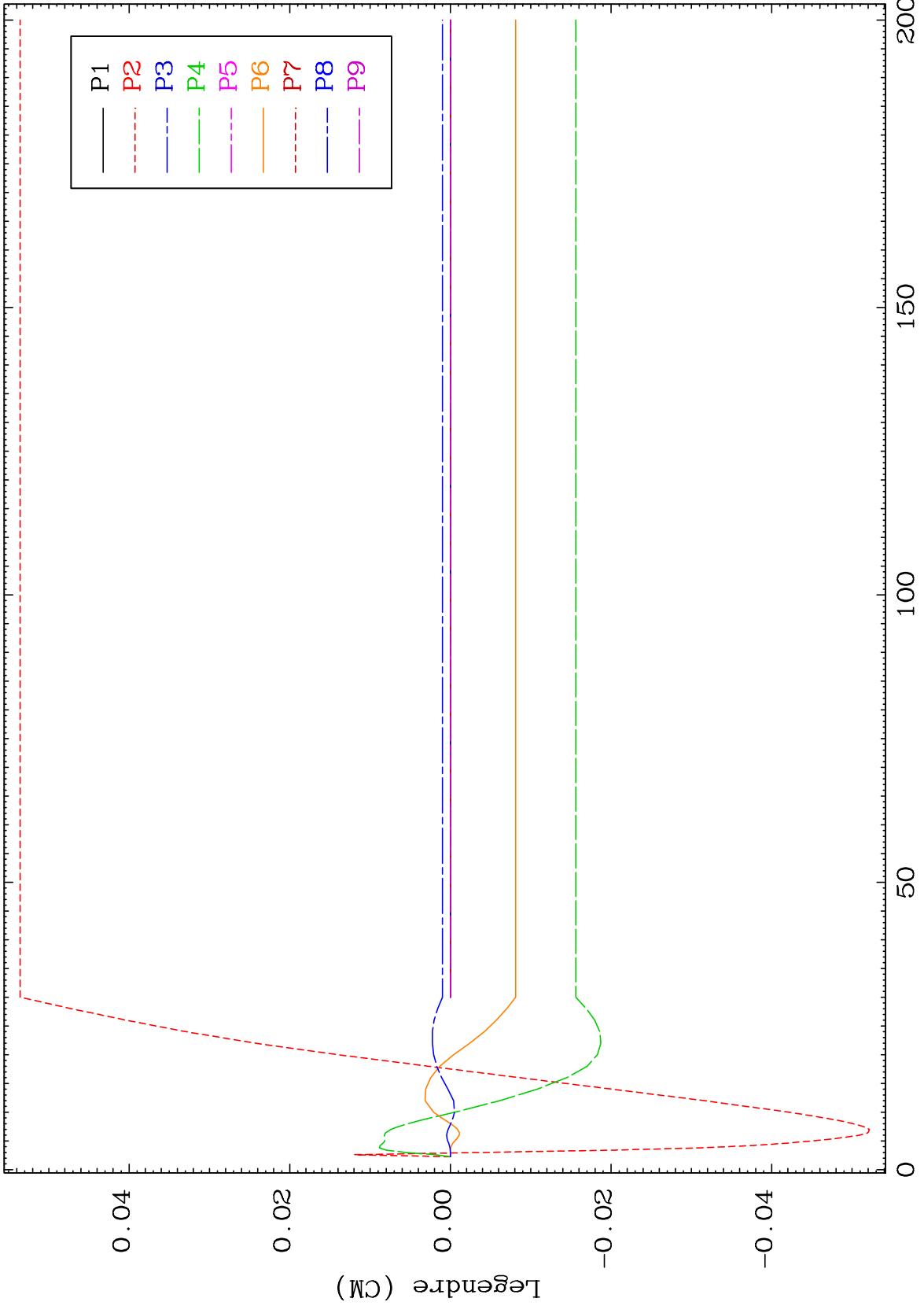


88

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 70 (n,n') Level Legendre Coefficients 54-Xe-124

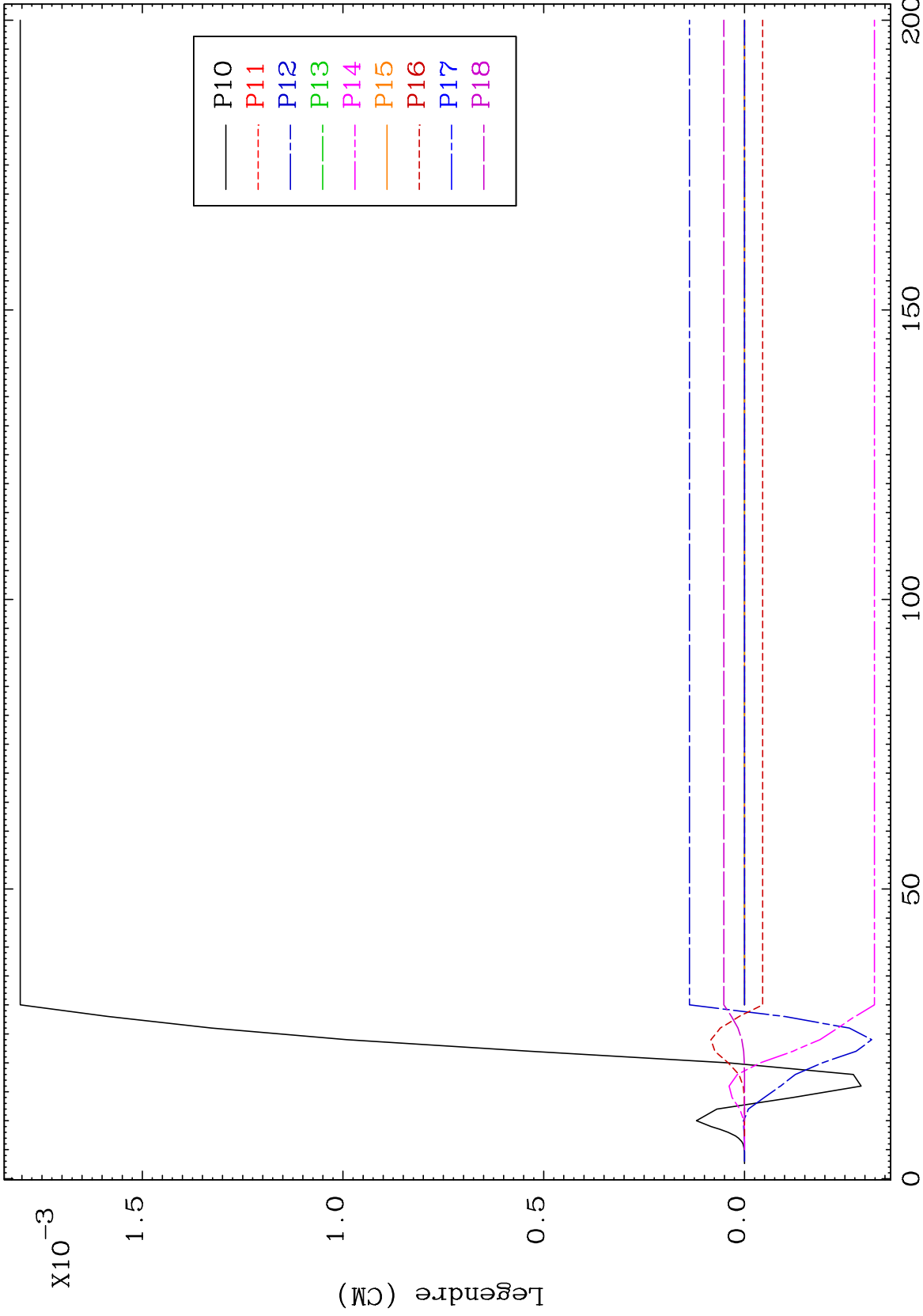


89 54-Xe-124

MAT 5425

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

54-Xe-124

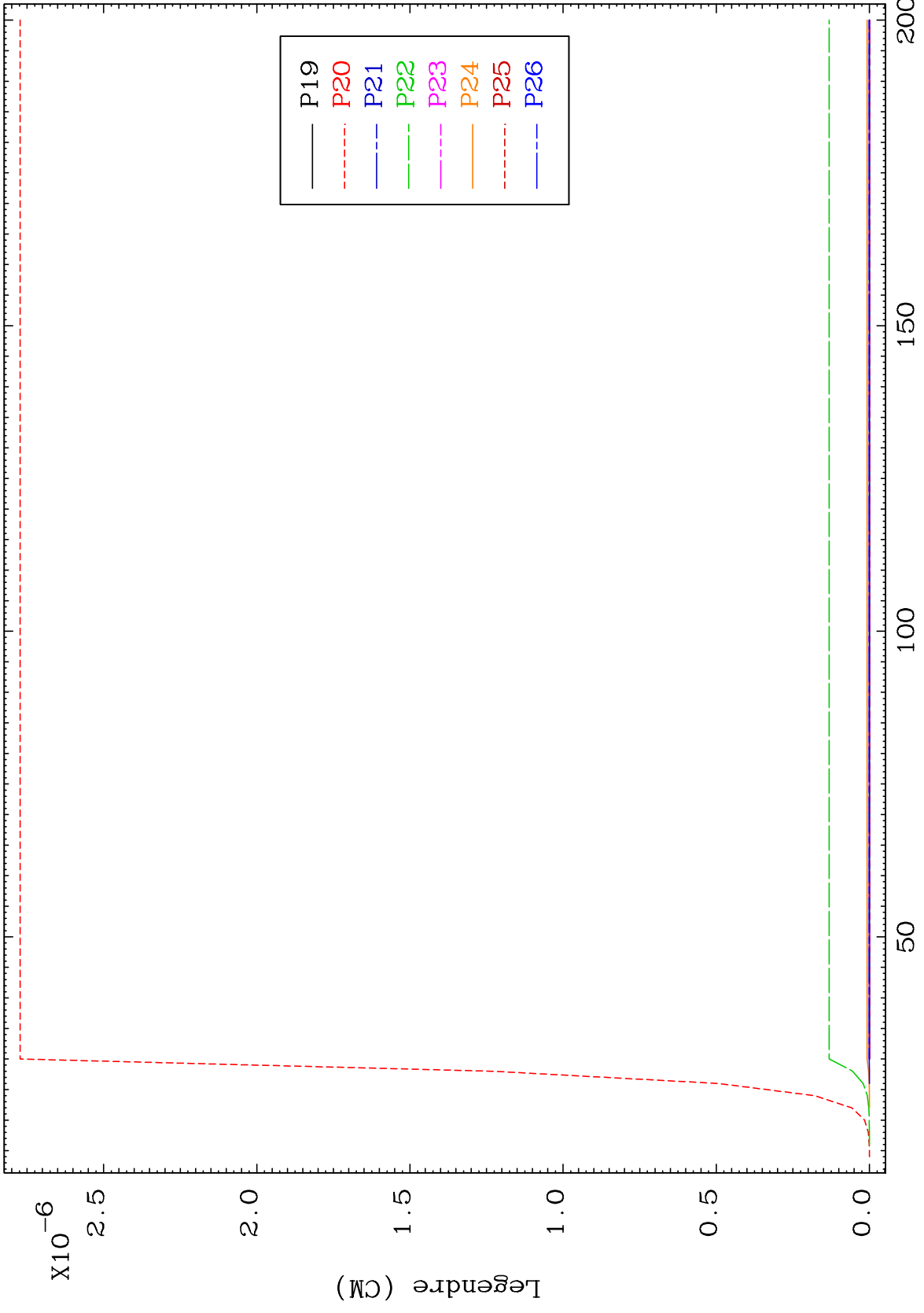


90

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 70 (n,n') Level Legendre Coefficients 54-Xe-124

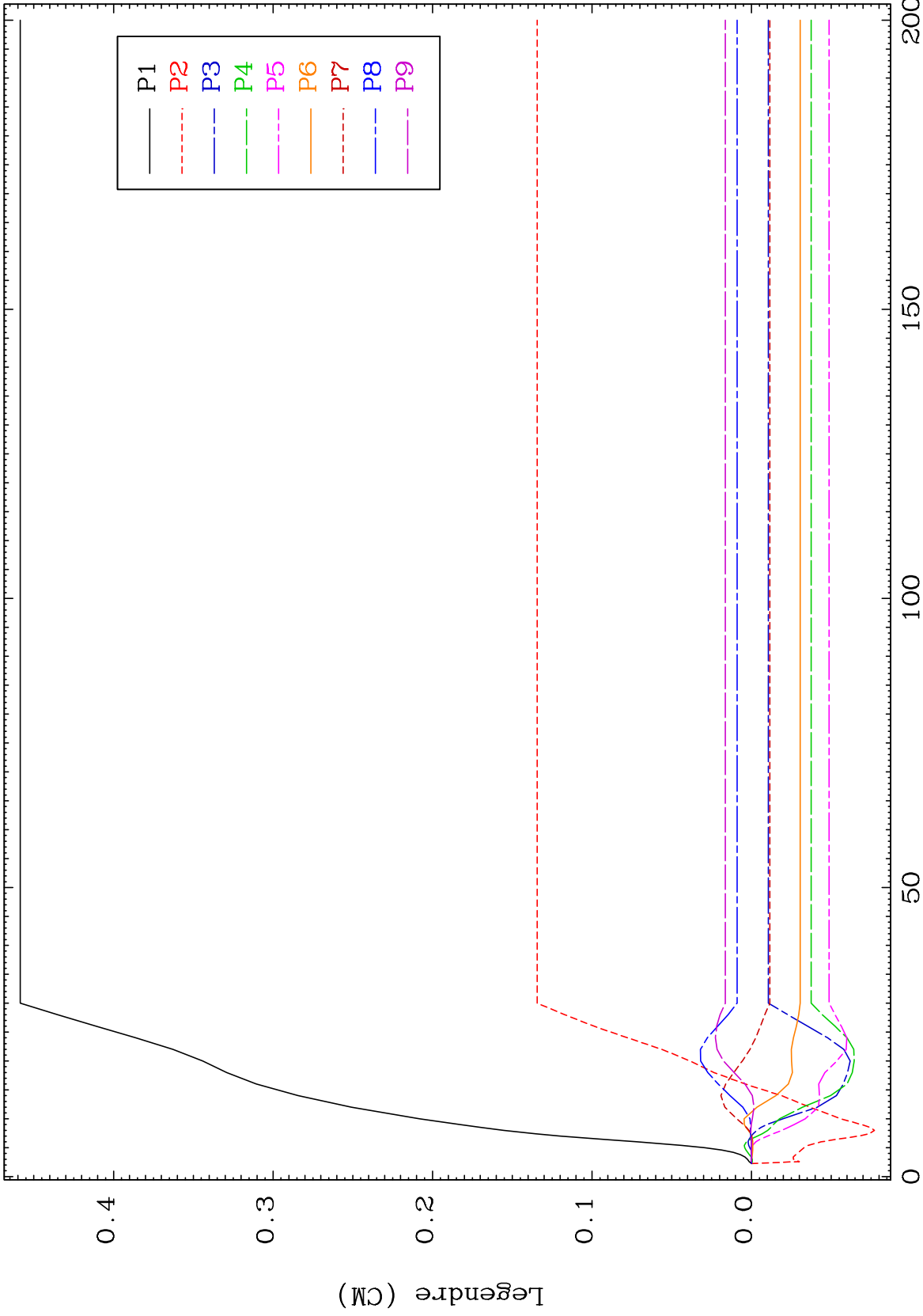


91 54-Xe-124

MAT 5425

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

54-Xe-124



92

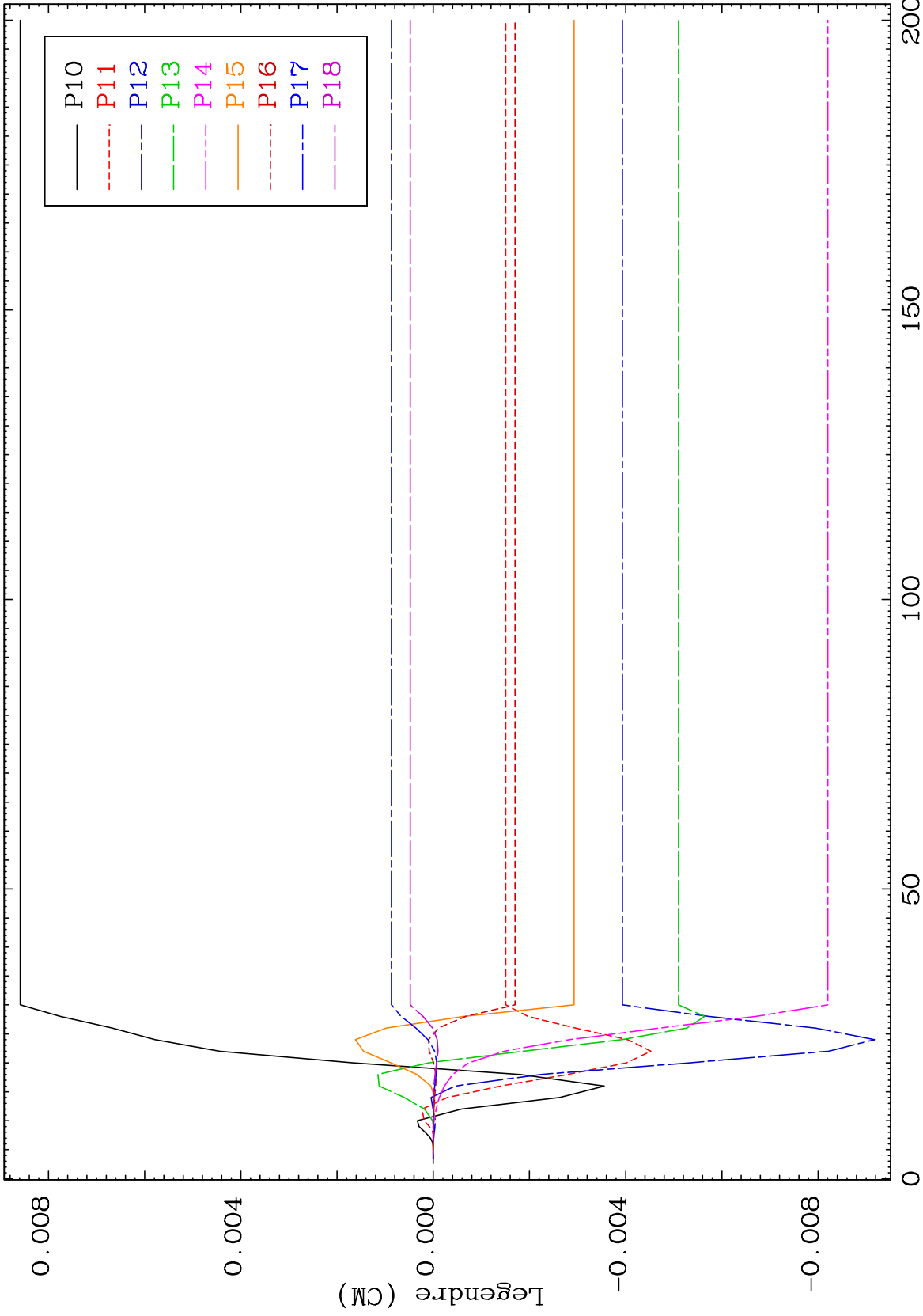
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



93

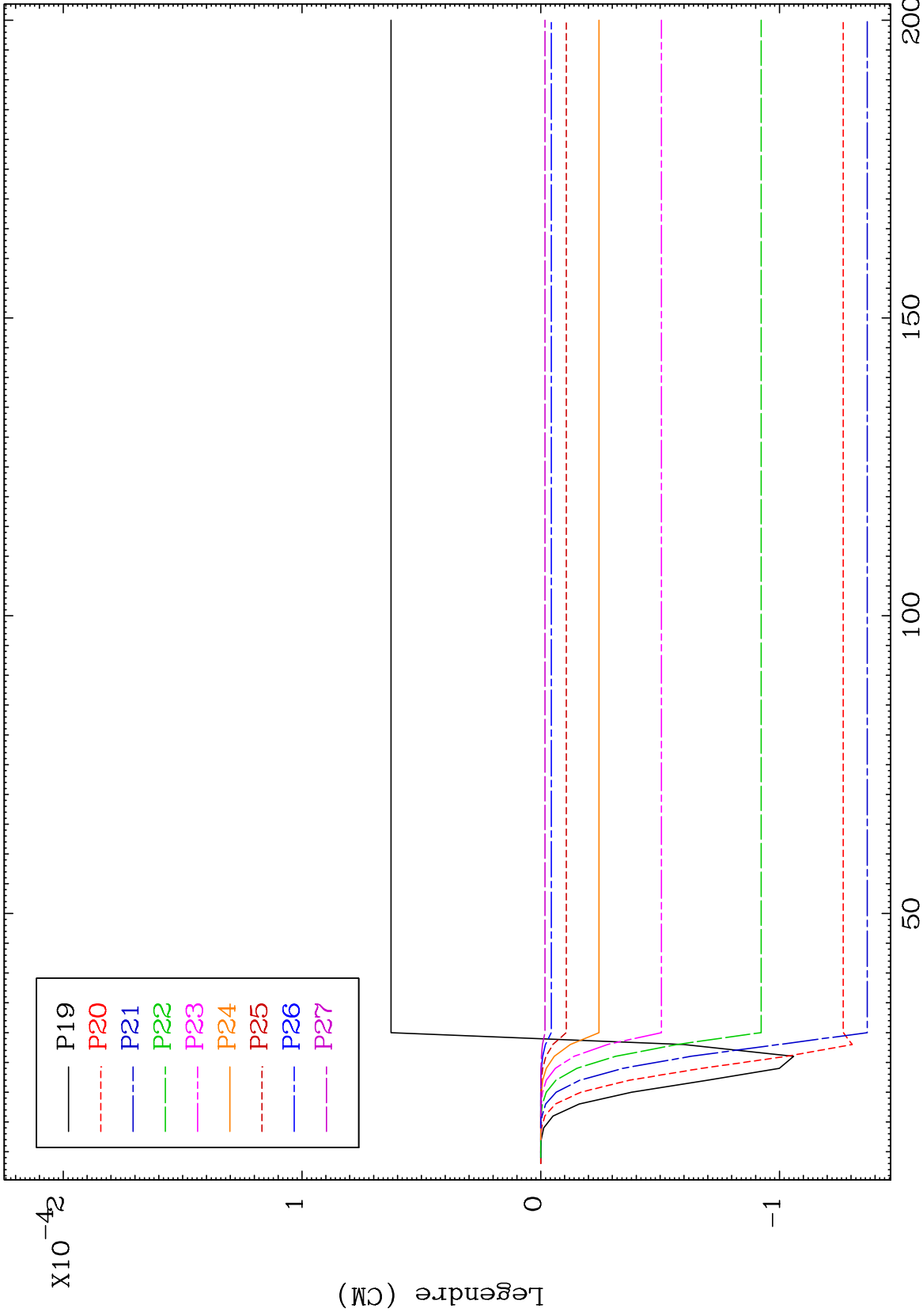
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



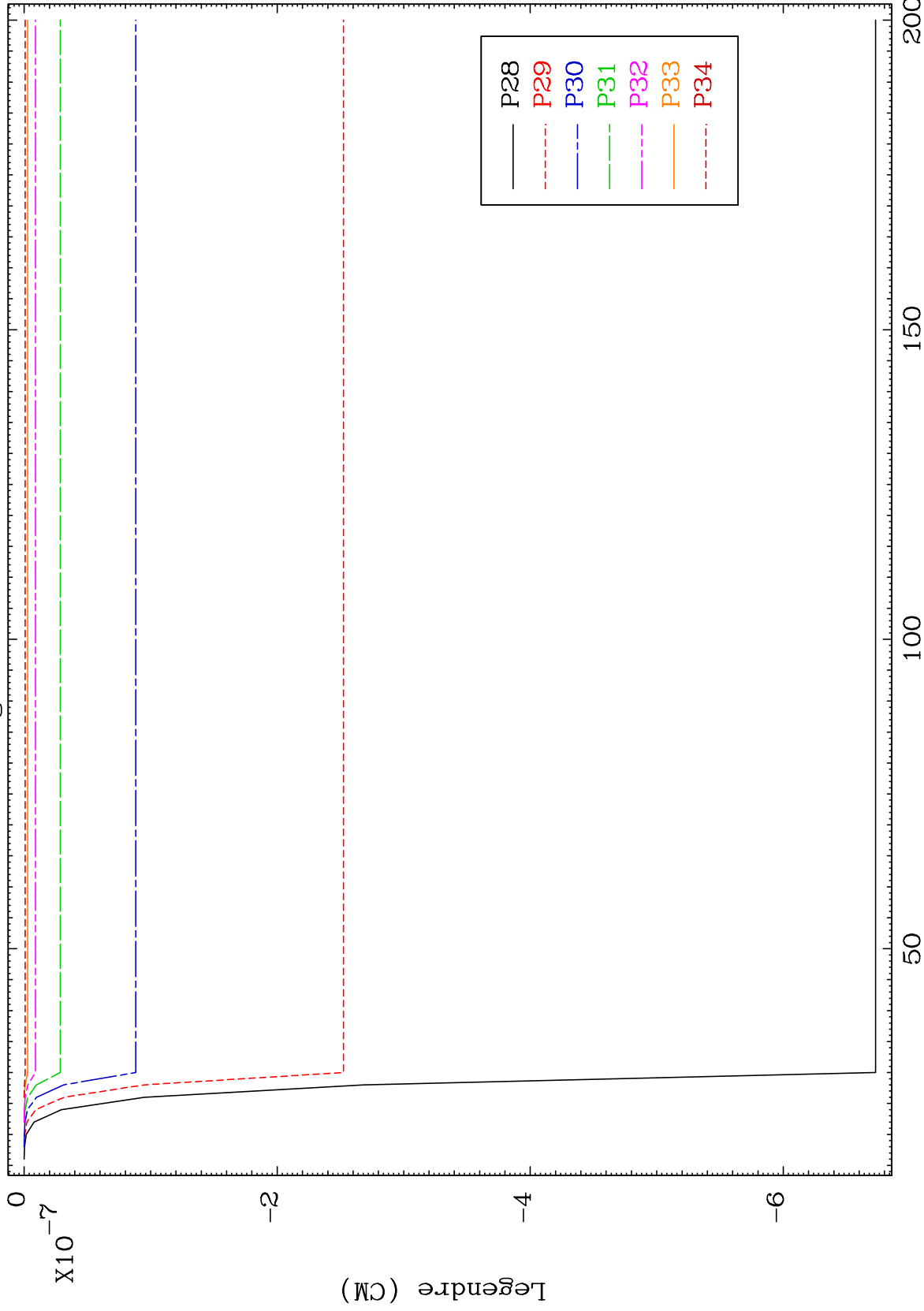
94

54-Xe-124

MAT 5425

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

54-Xe-124



95

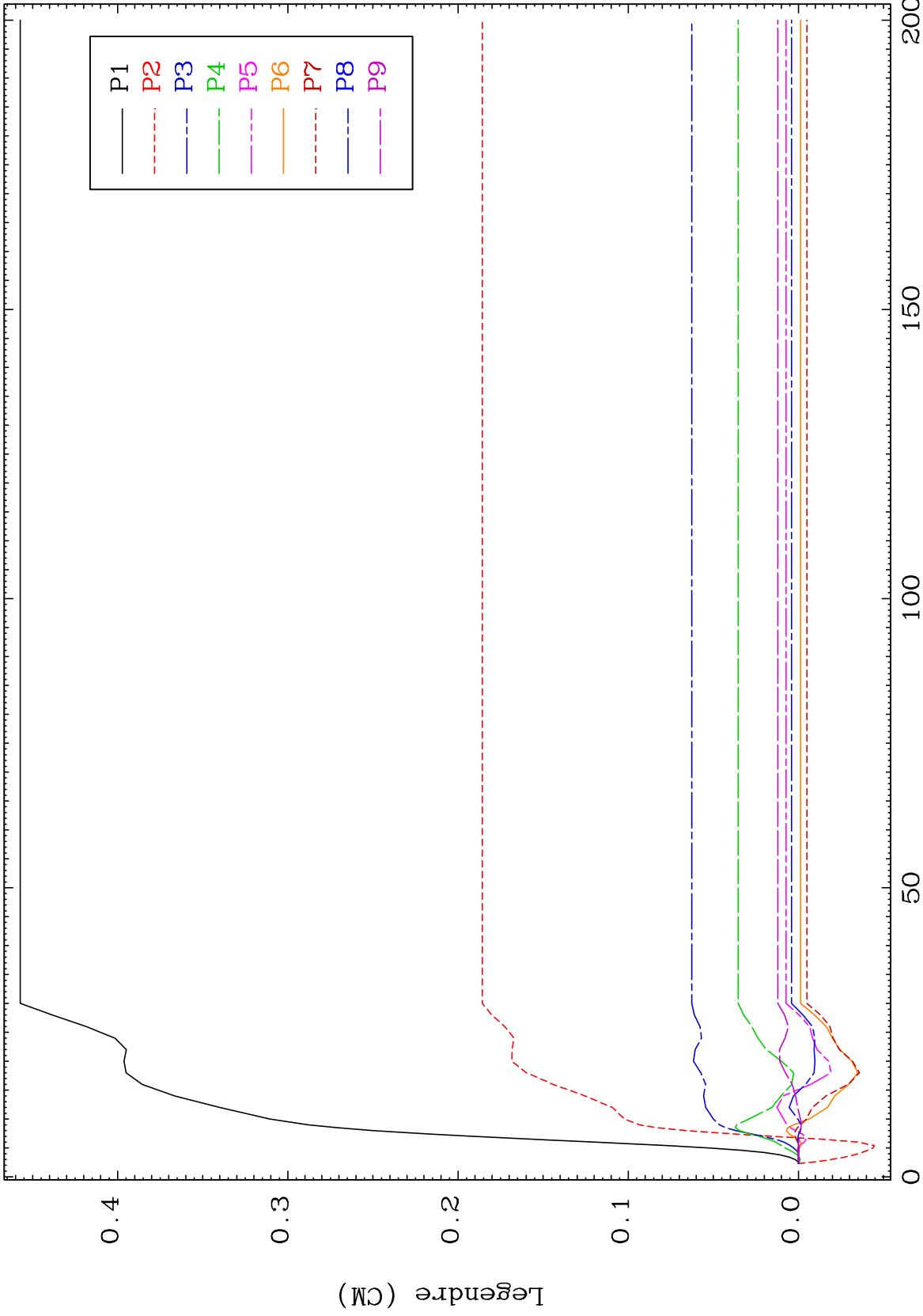
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



96

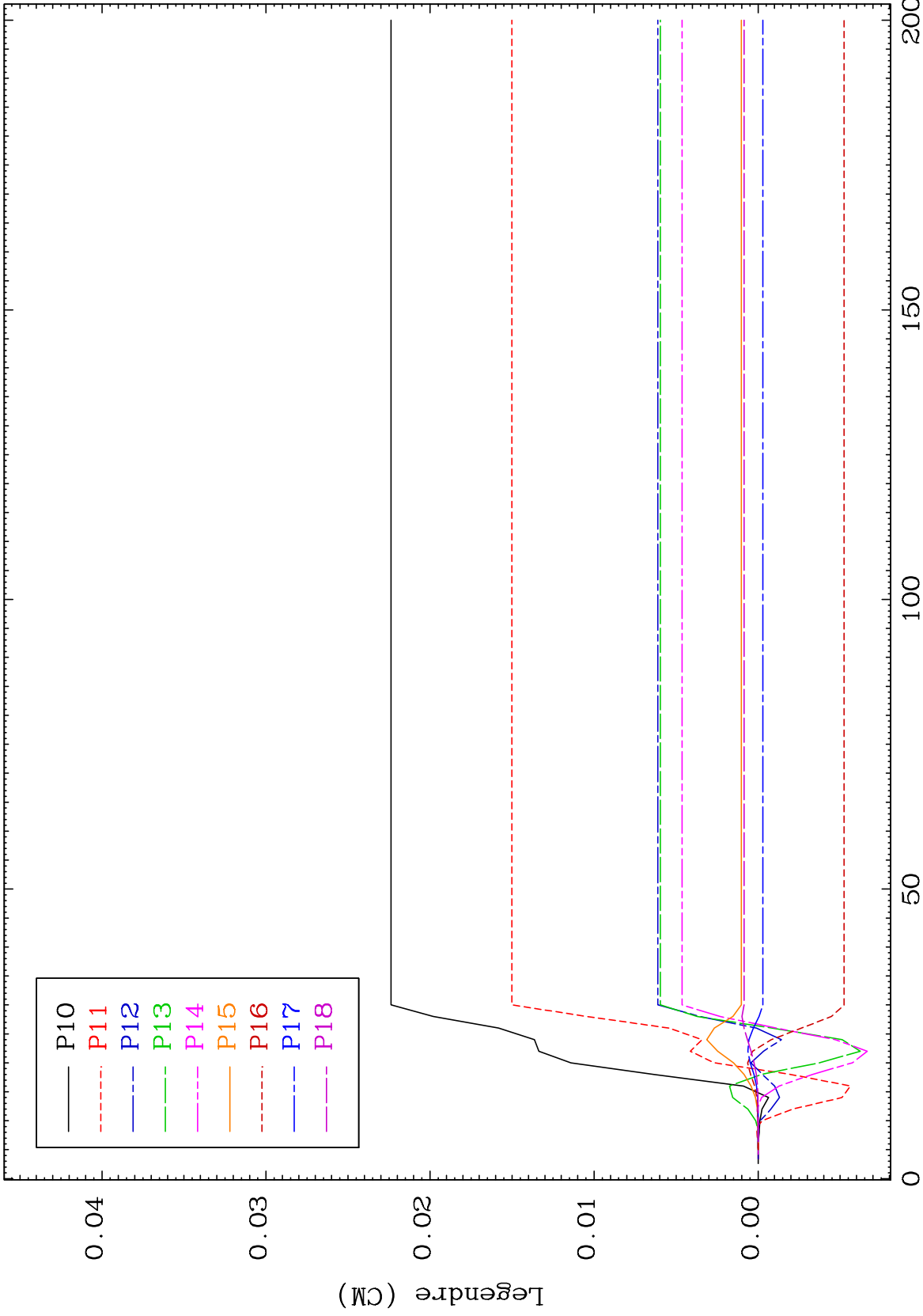
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



97

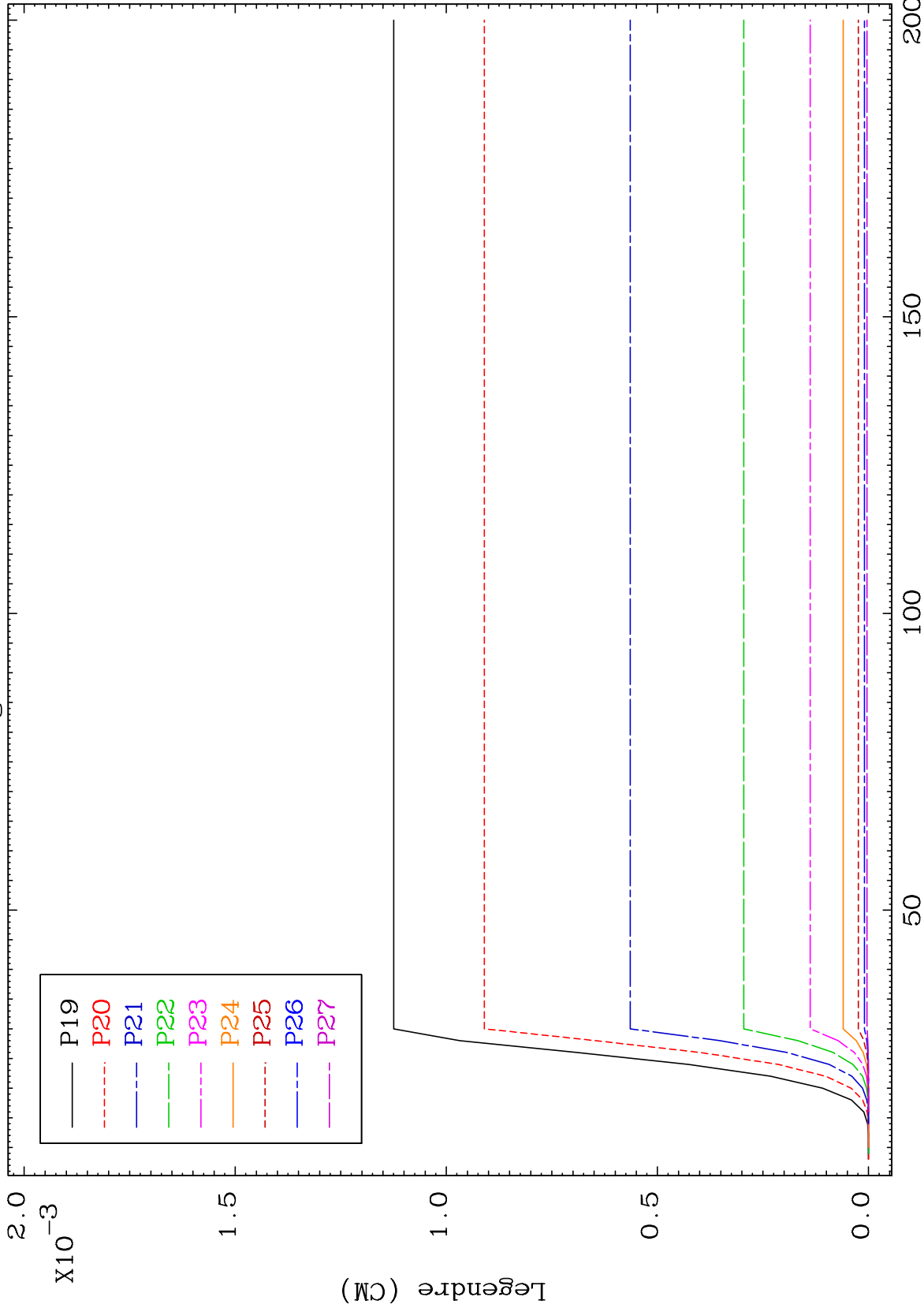
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



98

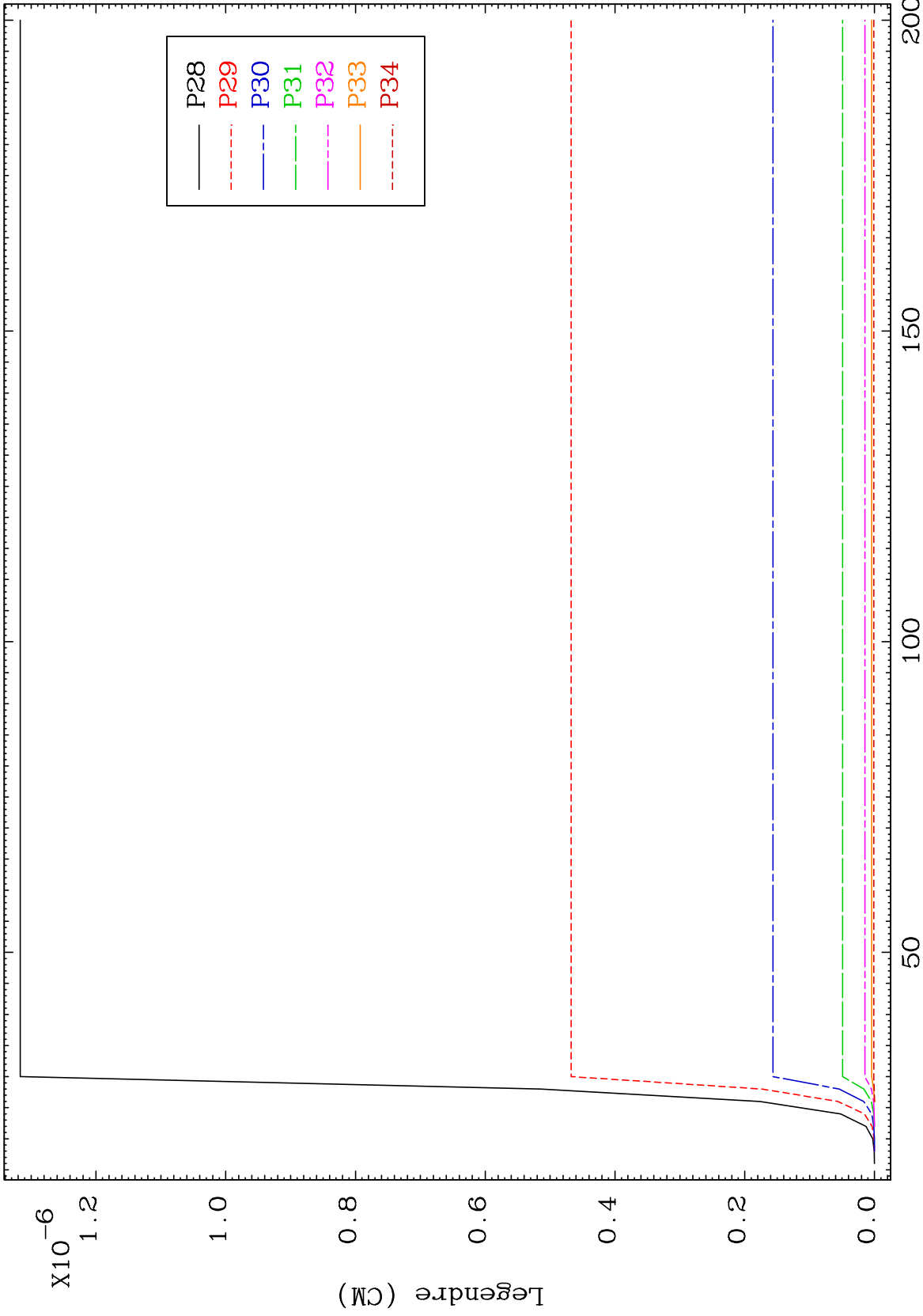
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



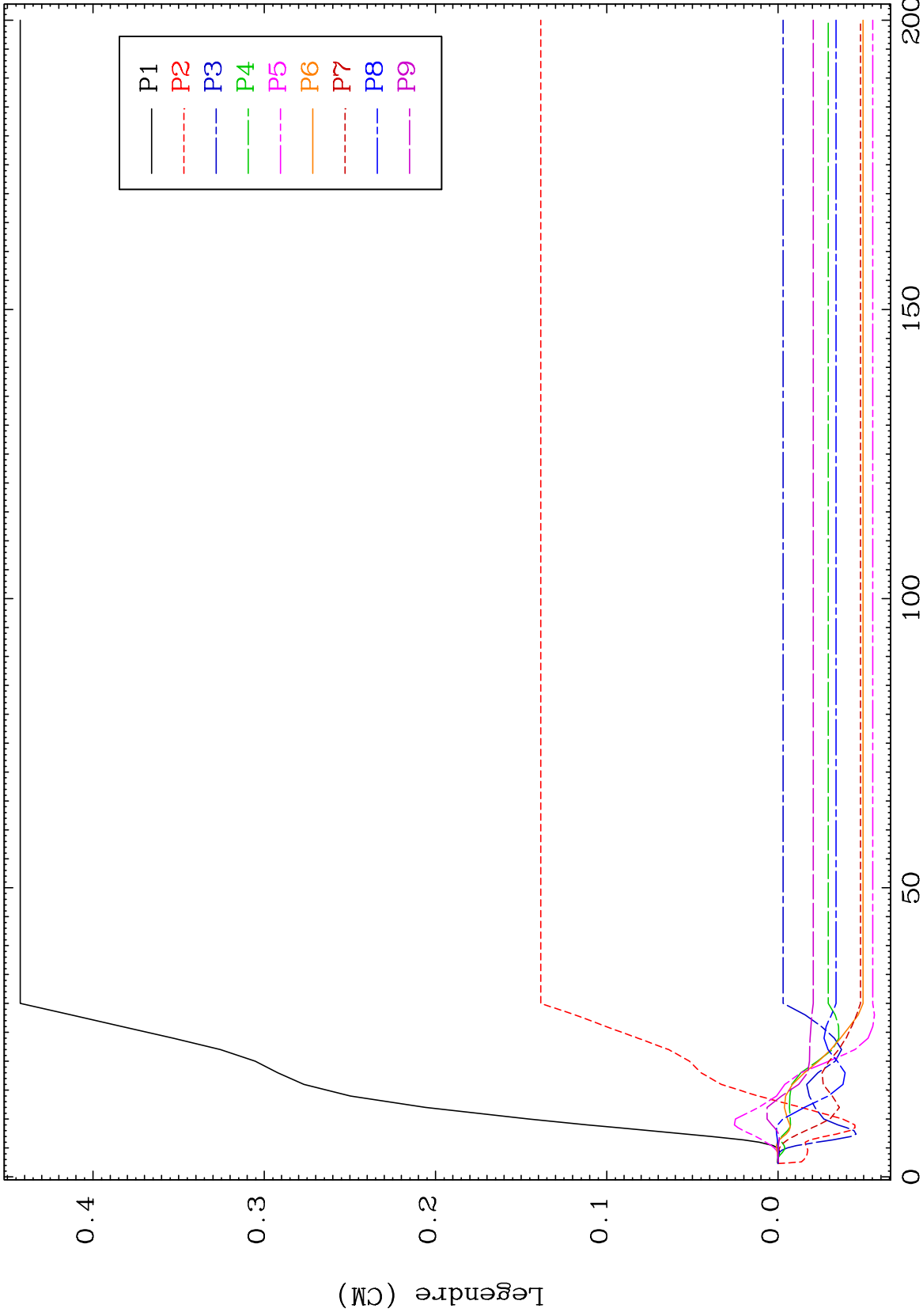
99

54-Xe-124

MAT 5425

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

54-Xe-124



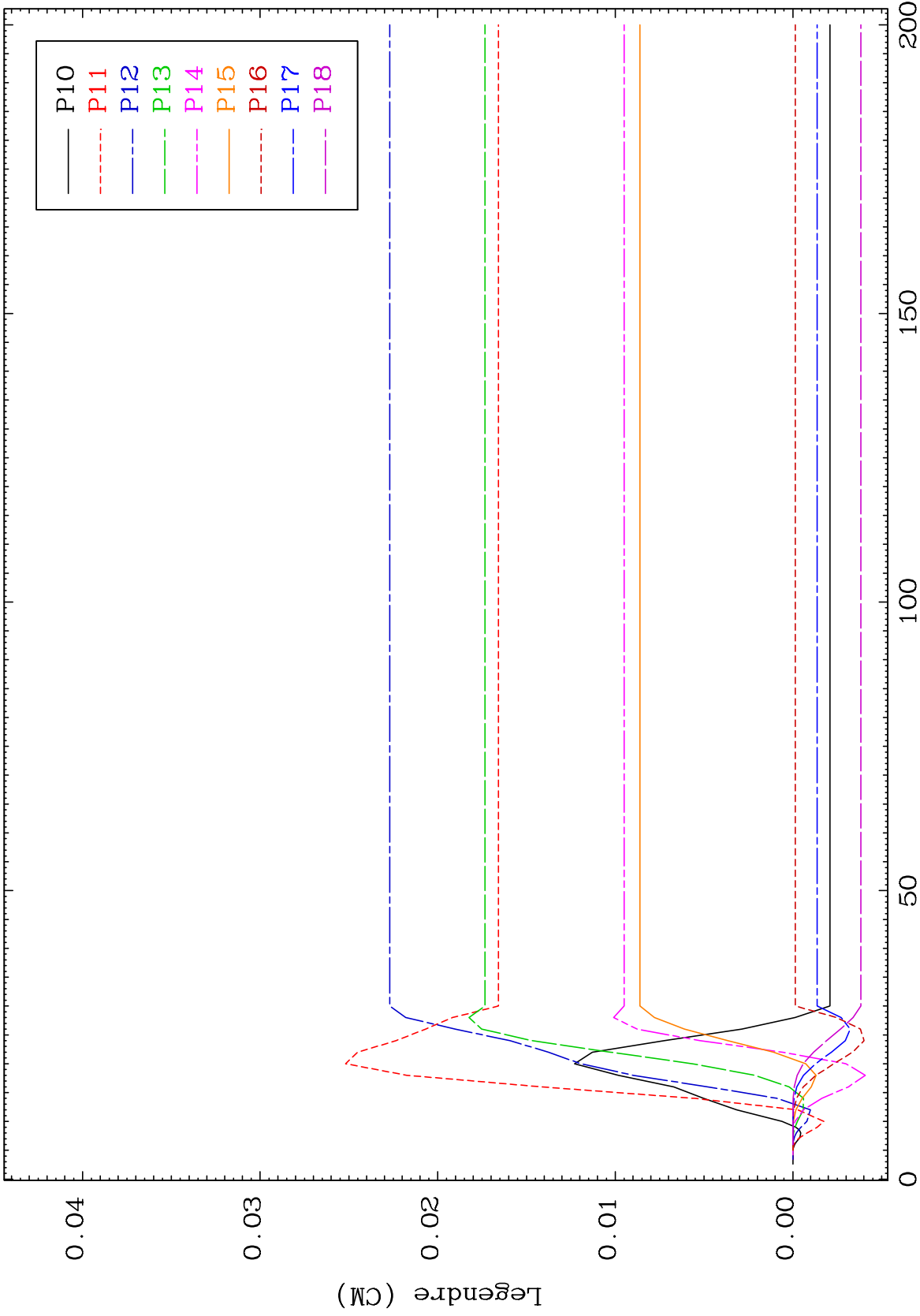
54-Xe-124

Incident Energy (MeV)

MAT 5425

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

54-Xe-124



101

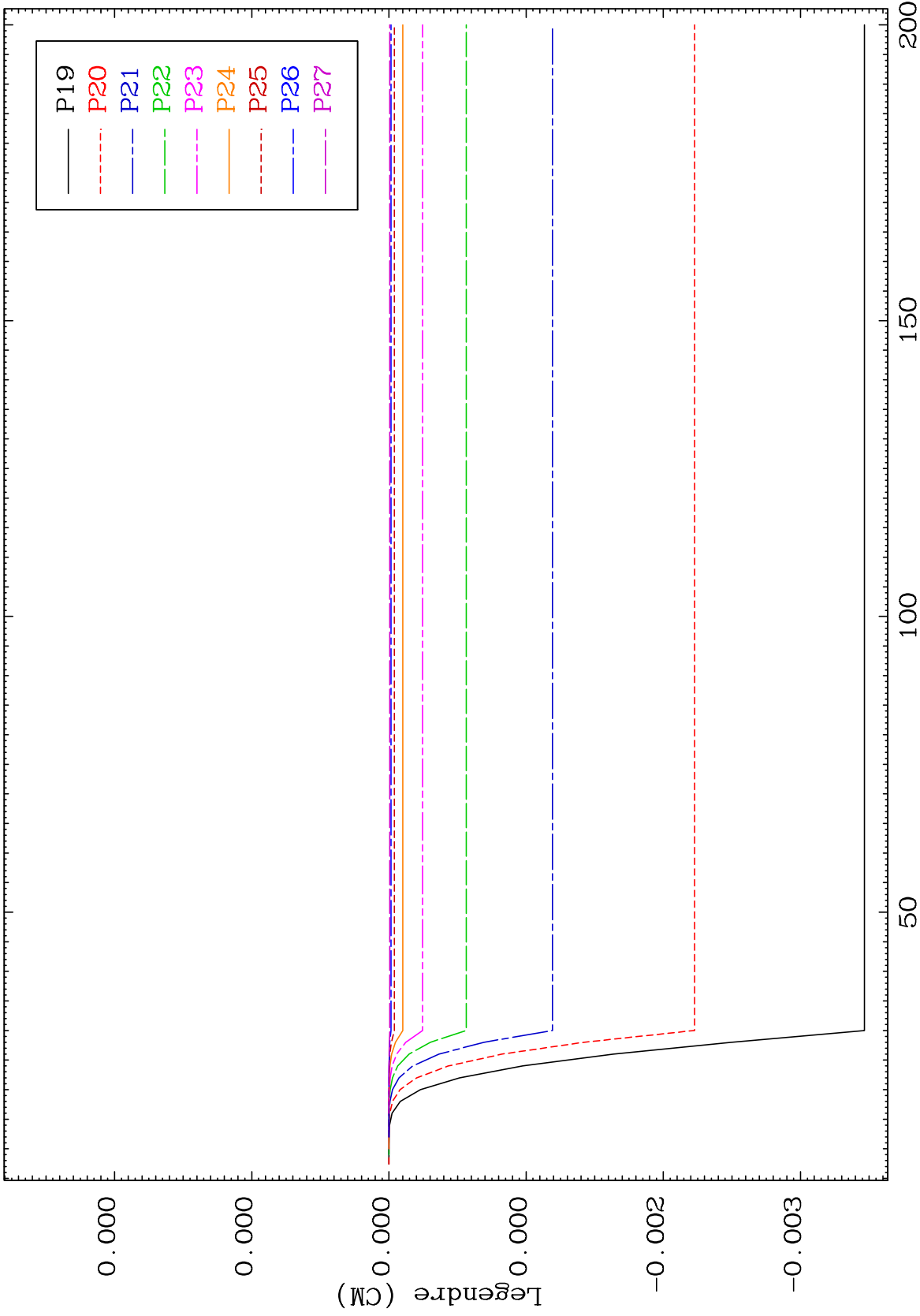
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

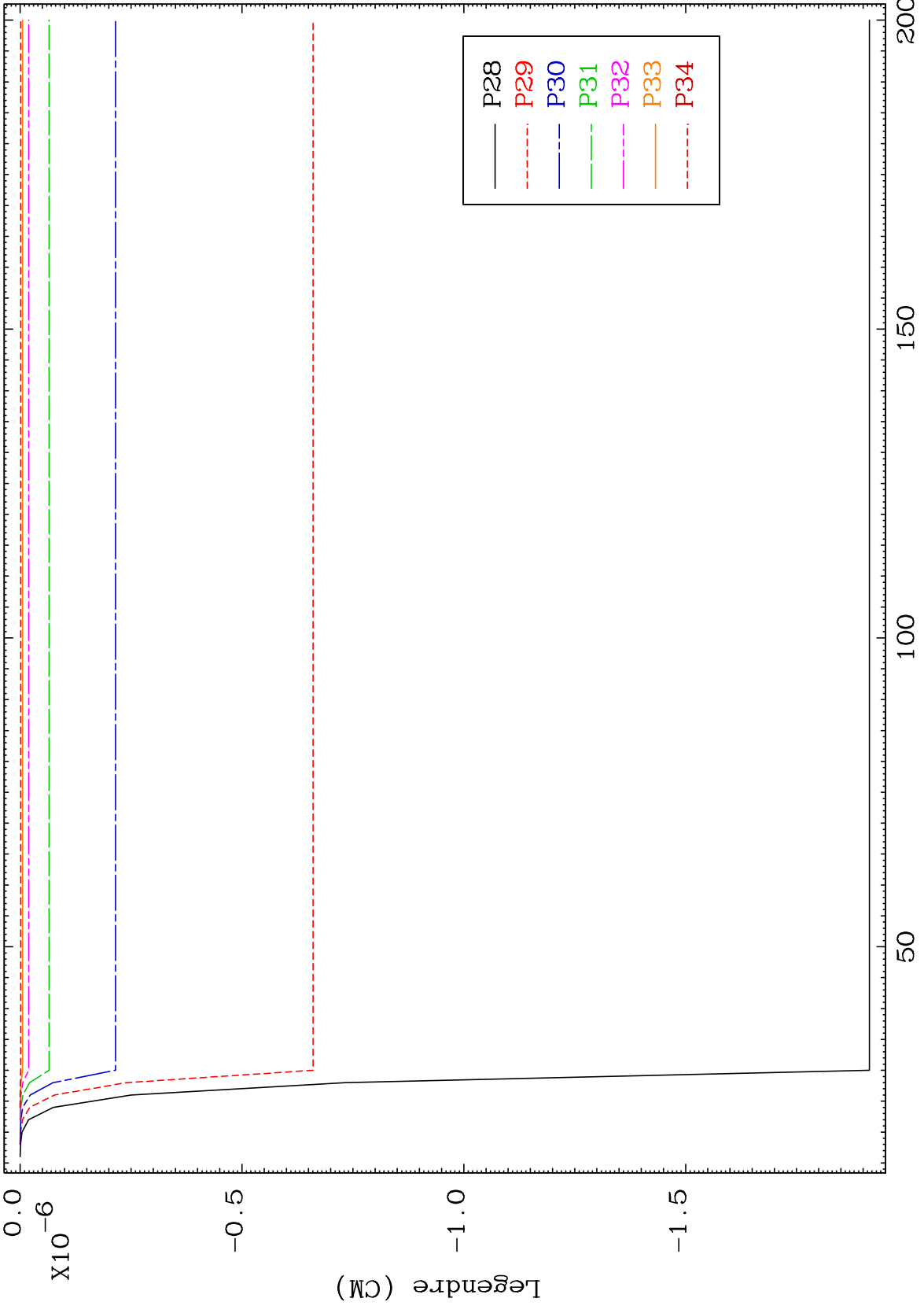


102

Incident Energy (MeV)

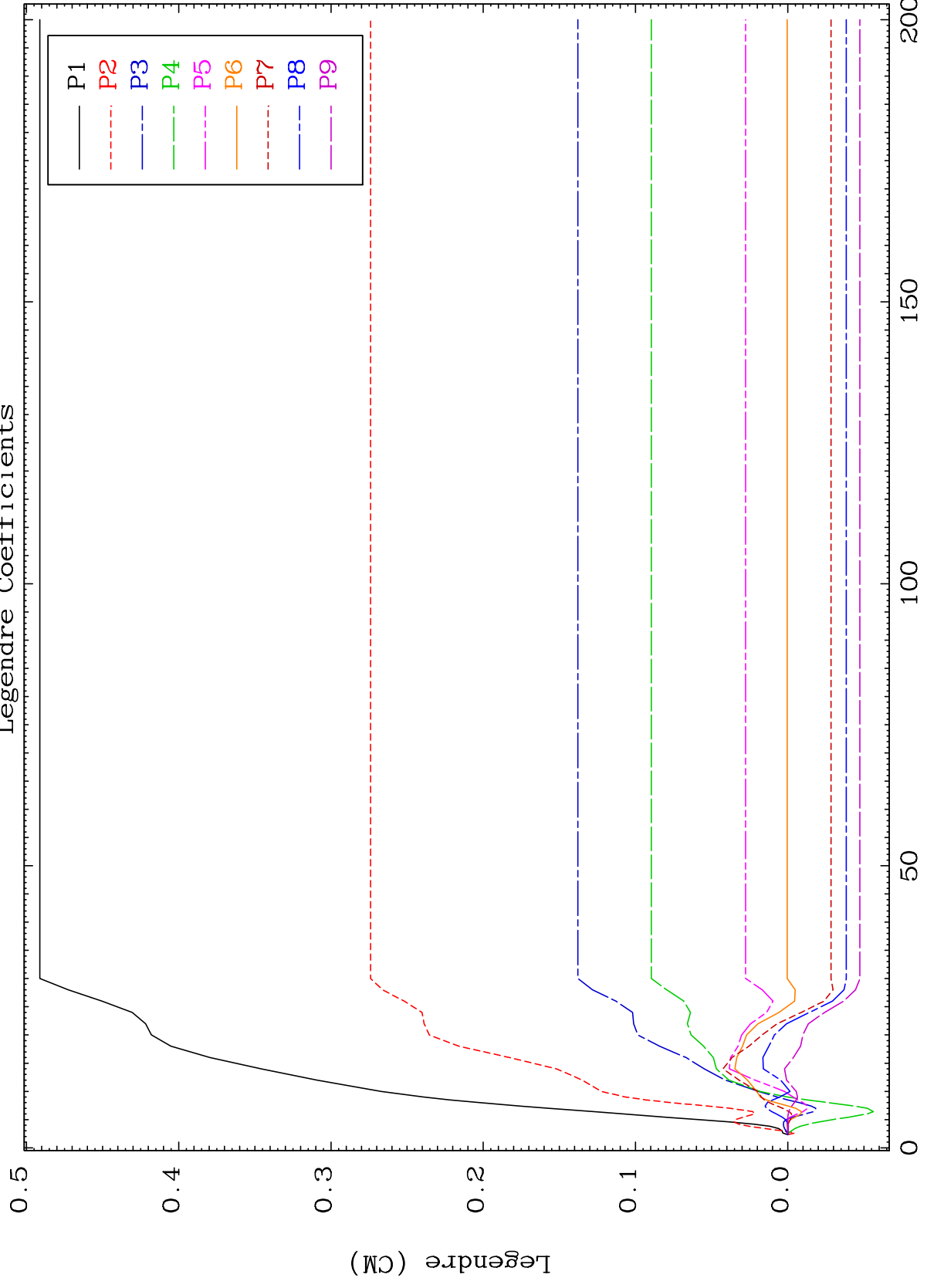
54-Xe-124

MAT 5425 MT= 73 (n,n') Level Legendre Coefficients 54-Xe-124



103 54-Xe-124

MAT 5425 MT= 74 (n,n') Level Legendre Coefficients 54-Xe-124

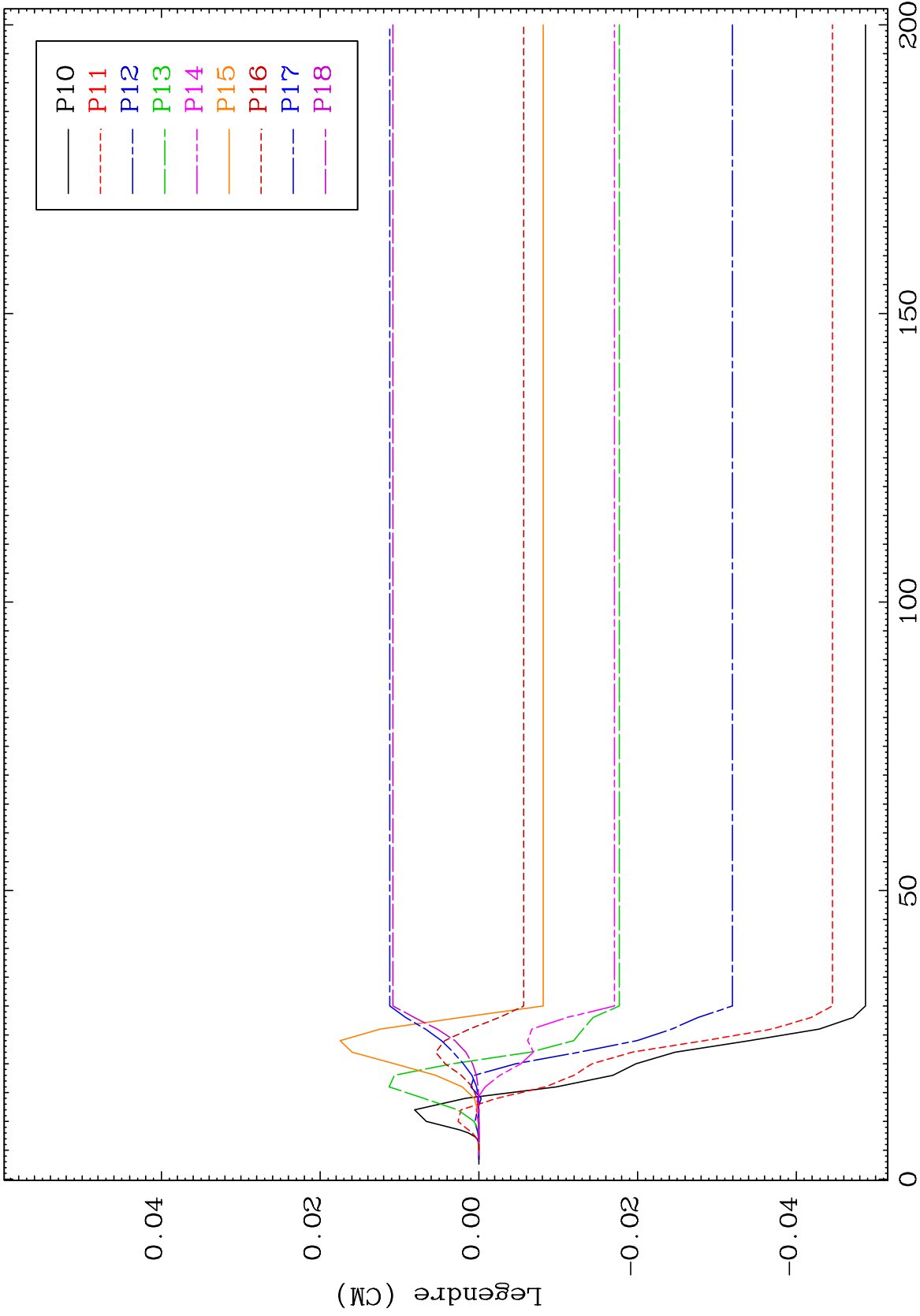


104 54-Xe-124

MAT 5425

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

54-Xe-124



105

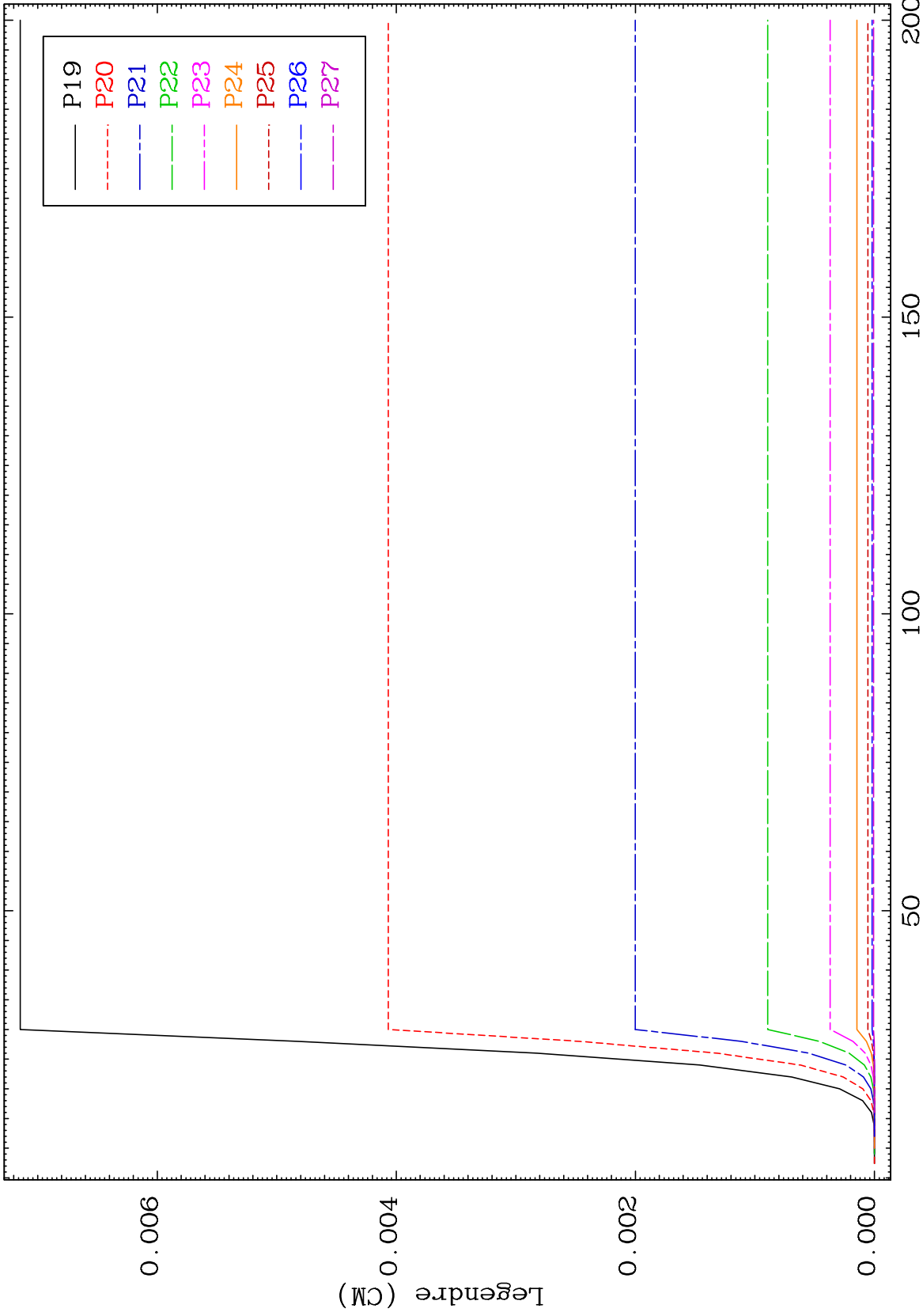
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



106

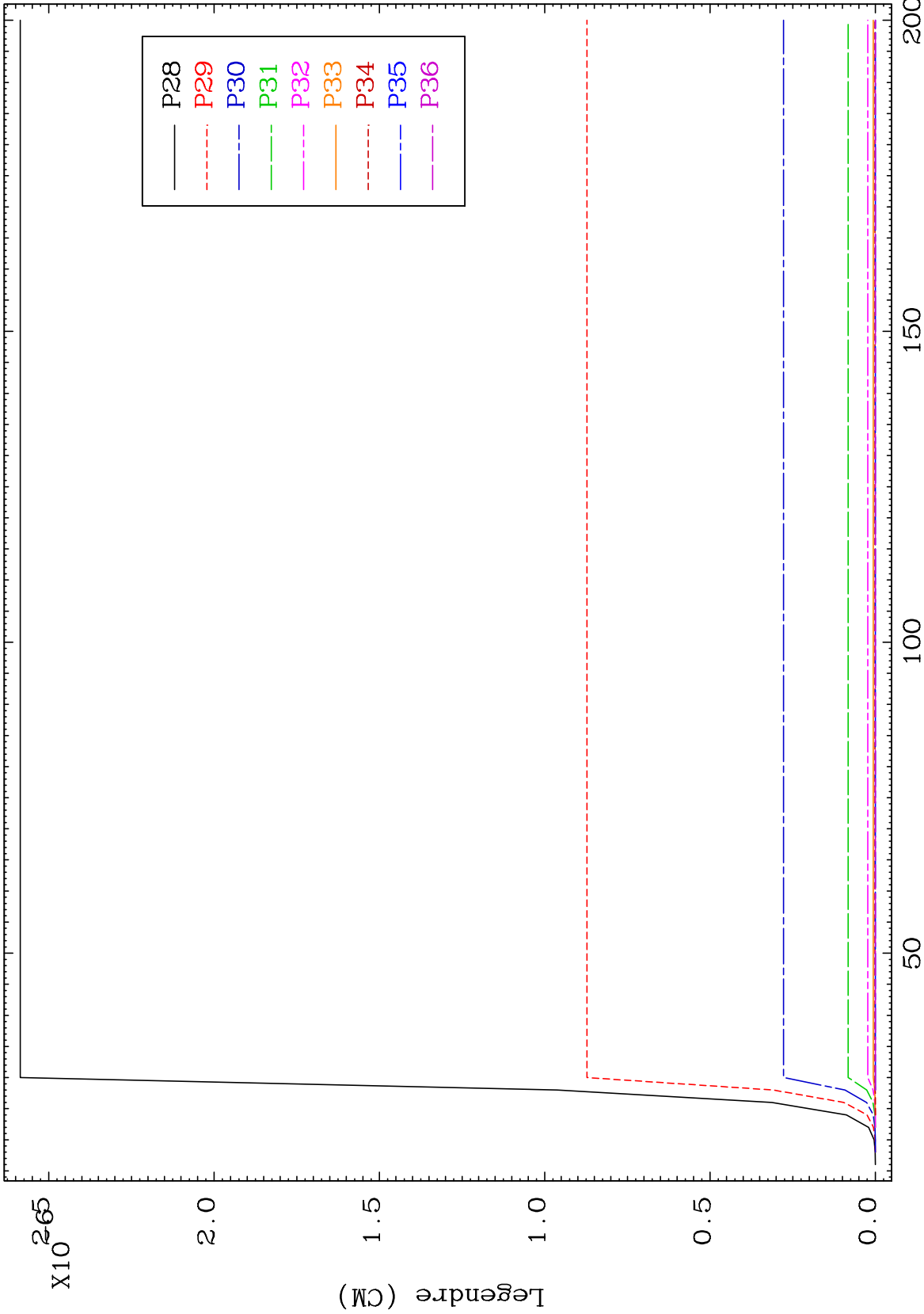
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



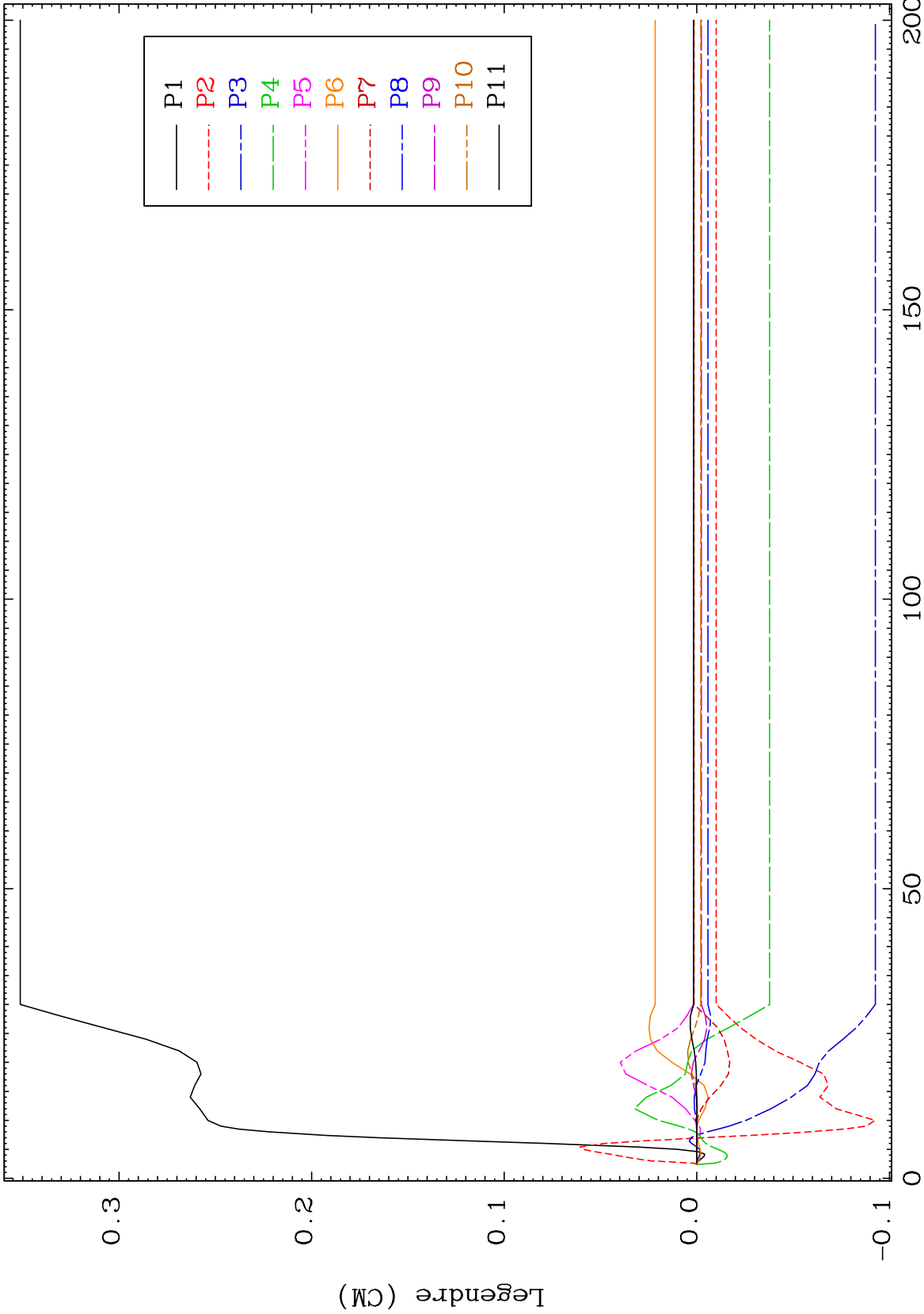
107

54-Xe-124

MAT 5425

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

54-Xe-124



108

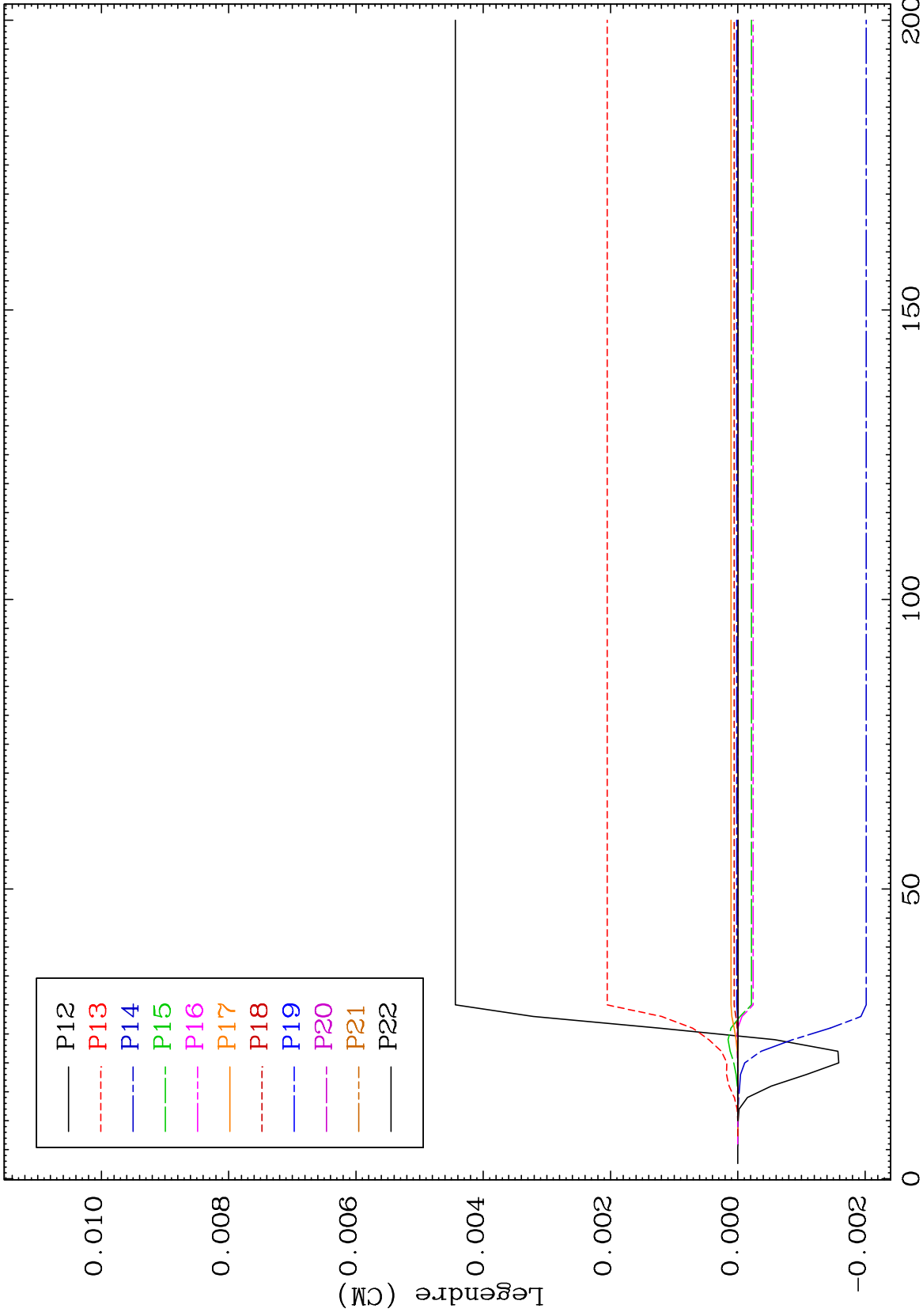
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



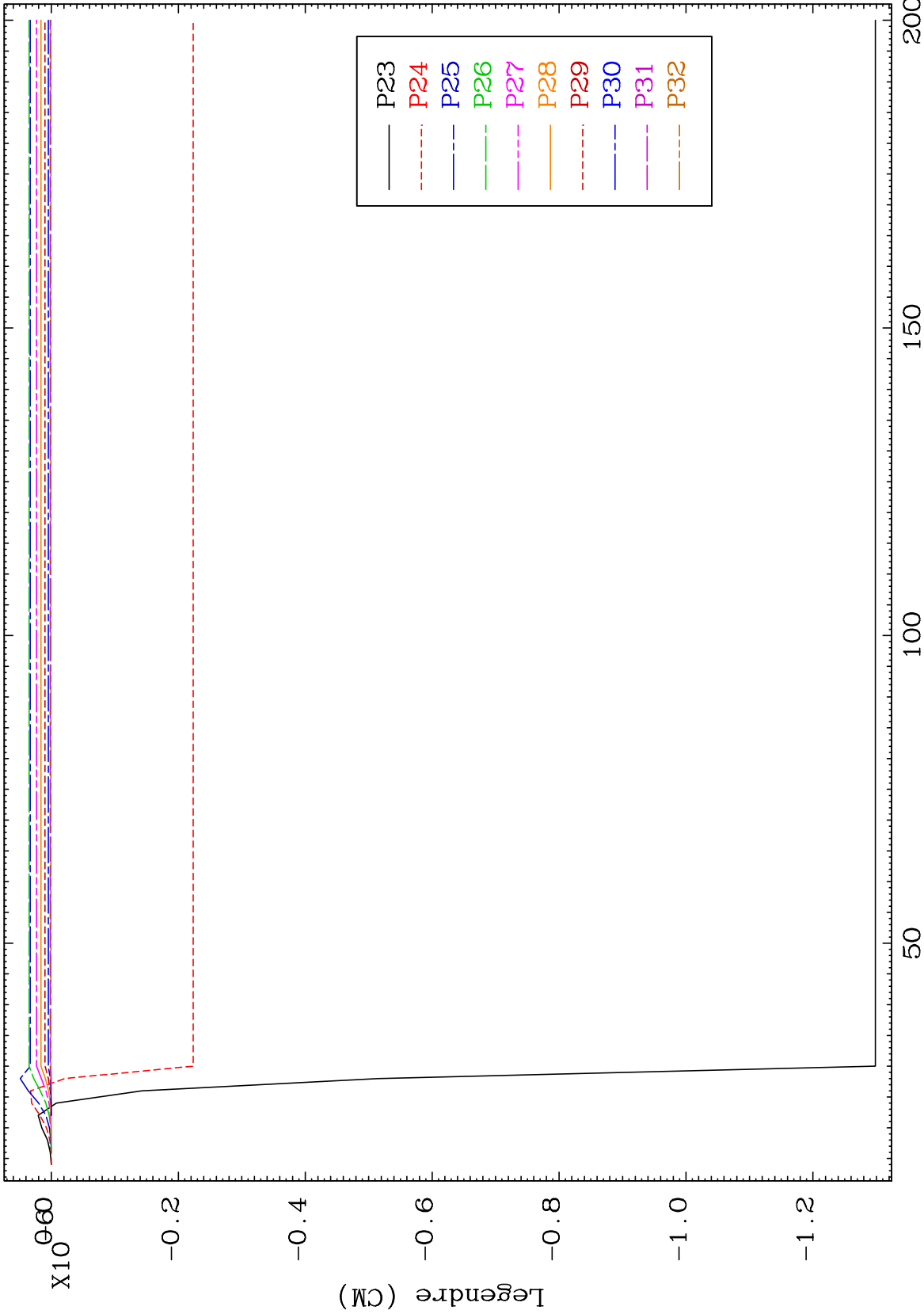
109

54-Xe-124

MAT 5425

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

54-Xe-124

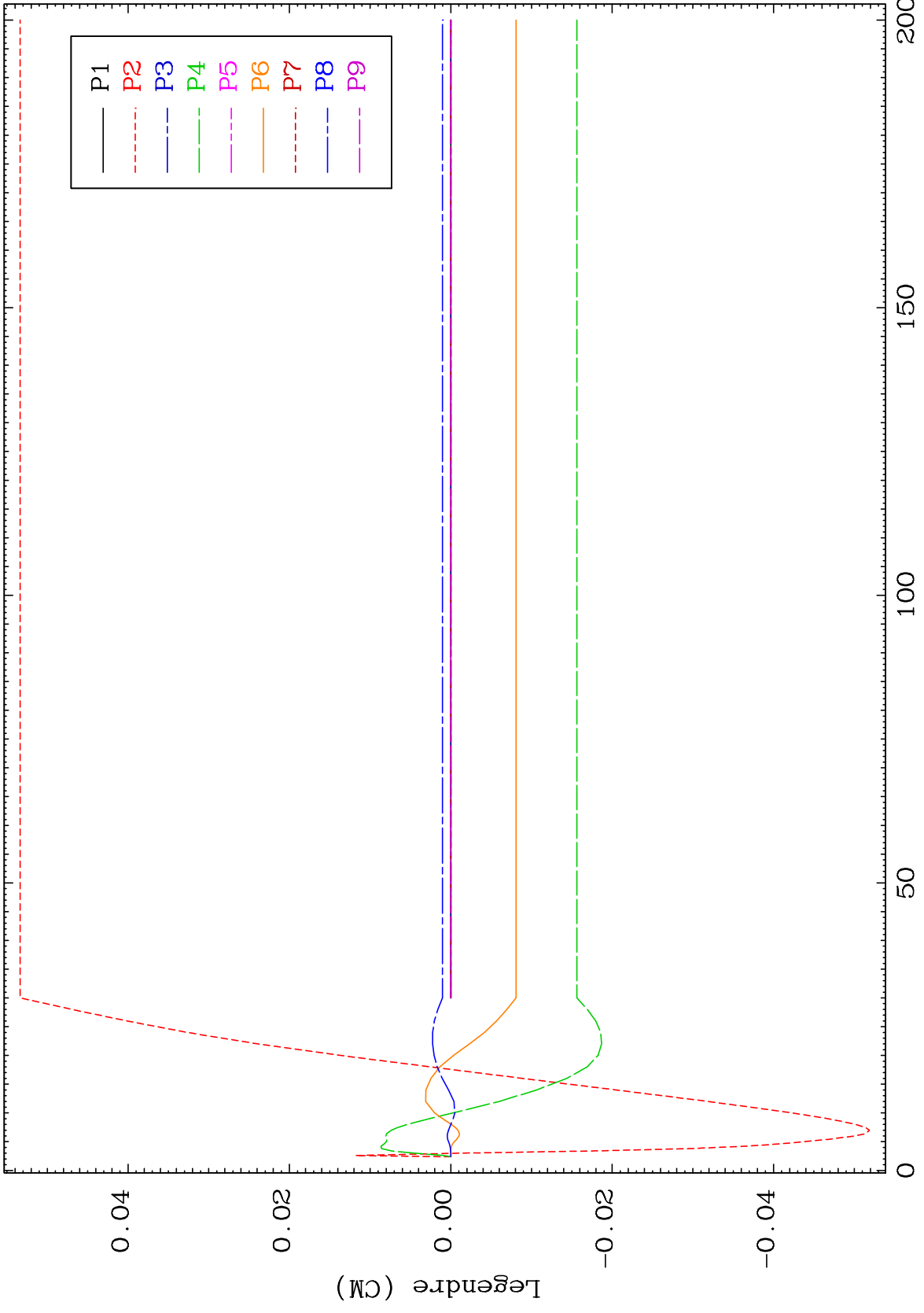


110

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 76 (n,n') Level Legendre Coefficients 54-Xe-124

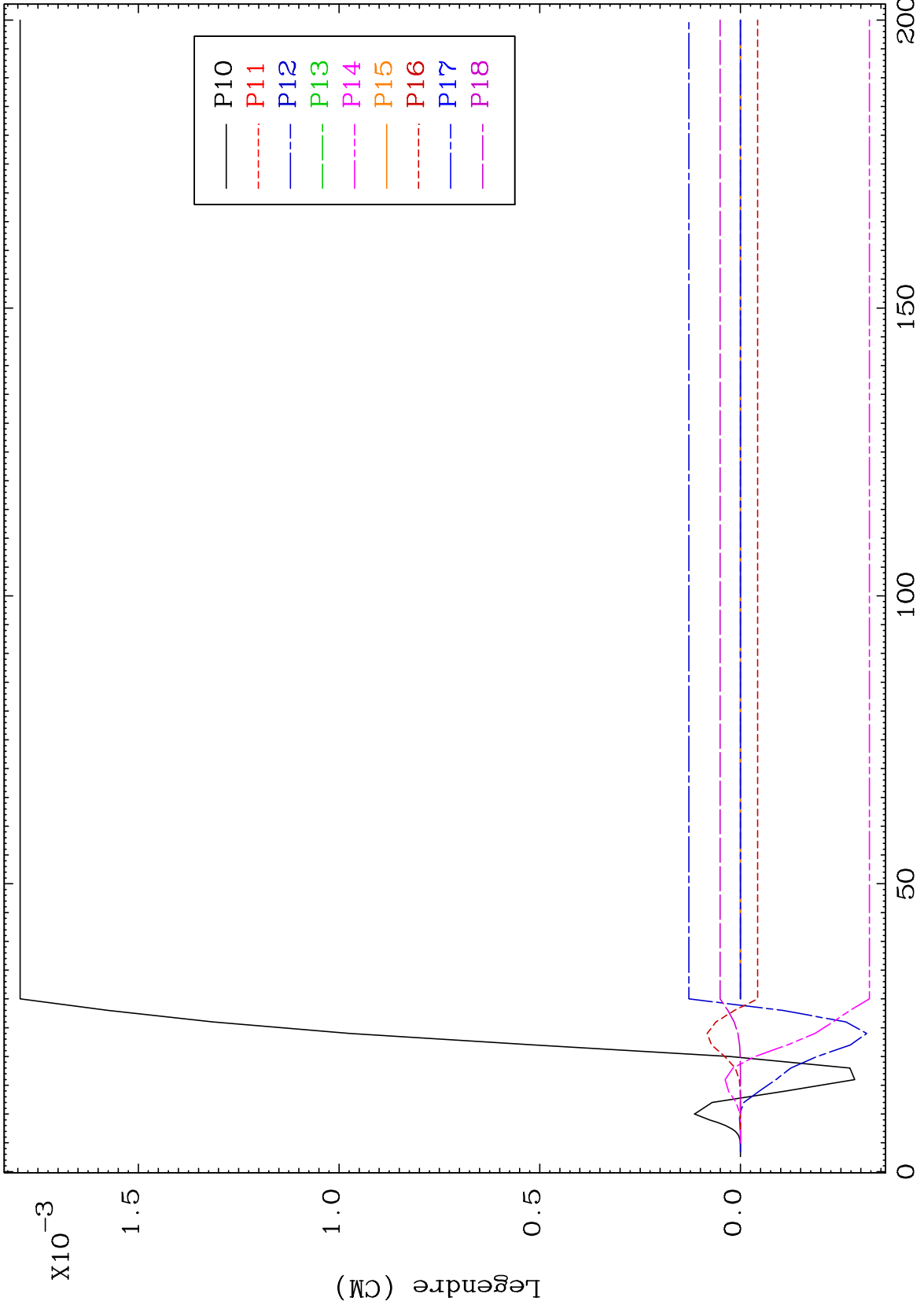


111 54-Xe-124

MAT 5425

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

54-Xe-124

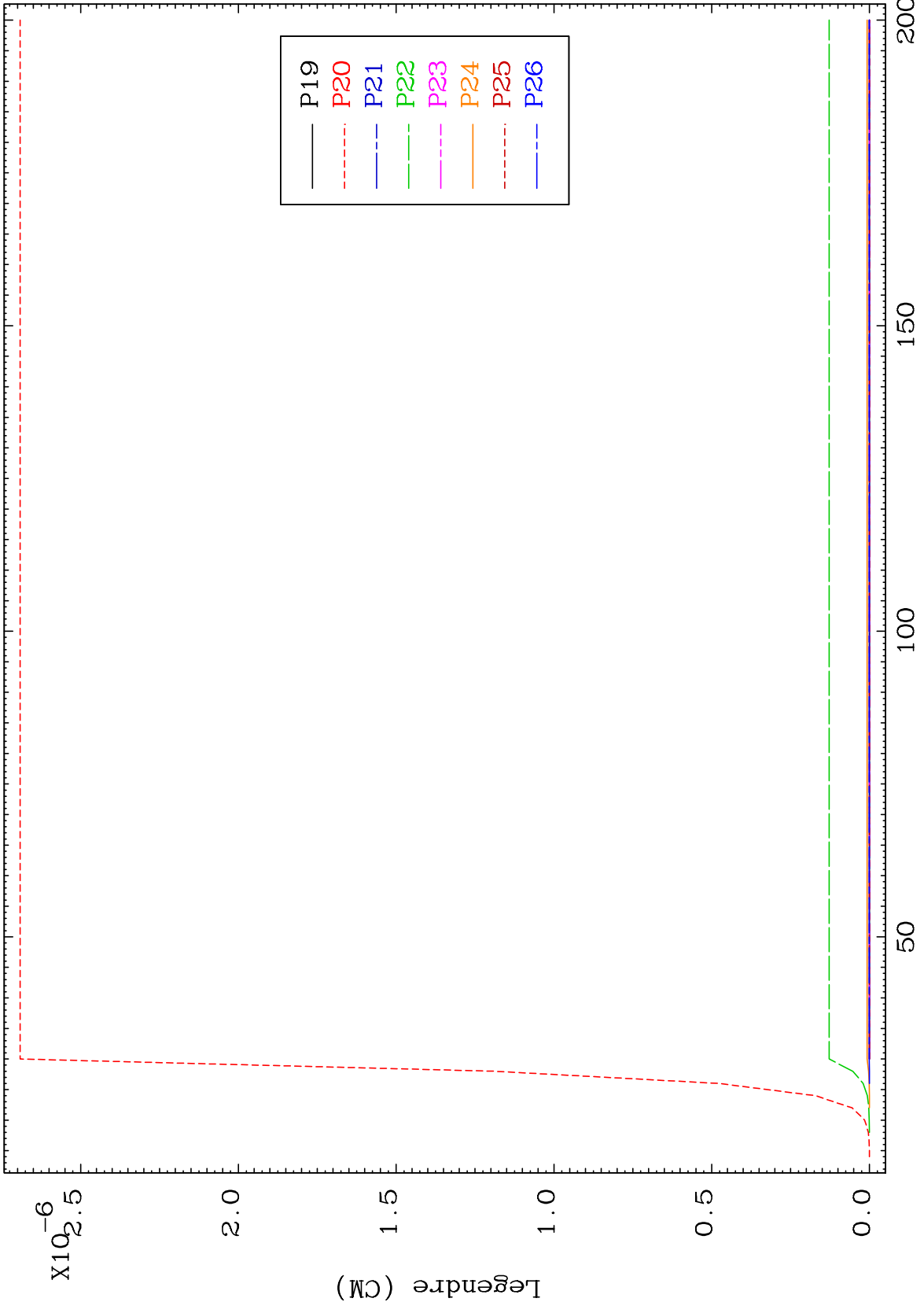


112

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 76 (n,n') Level Legendre Coefficients 54-Xe-124

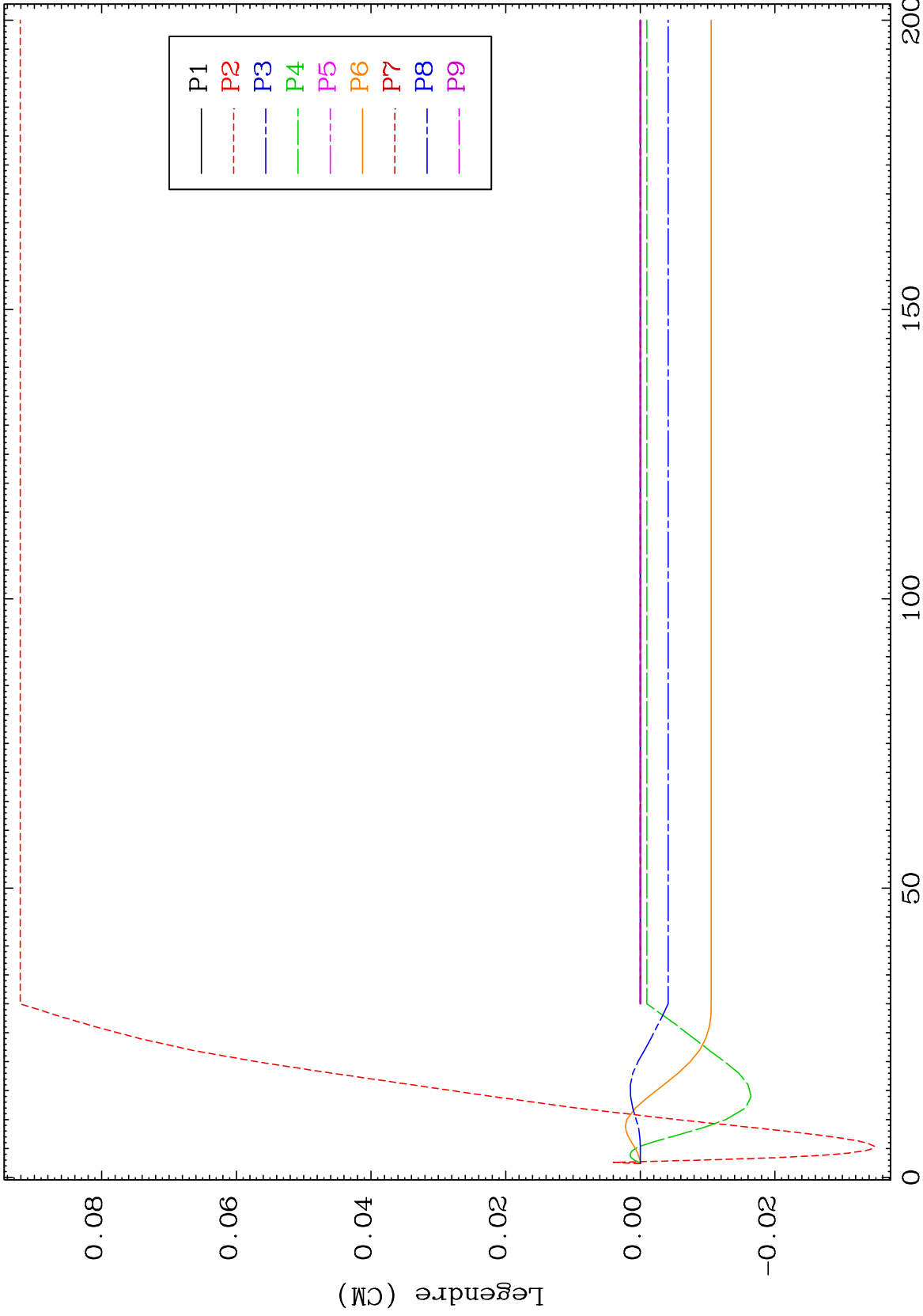


113 54-Xe-124

MAT 5425

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

54-Xe-124



114

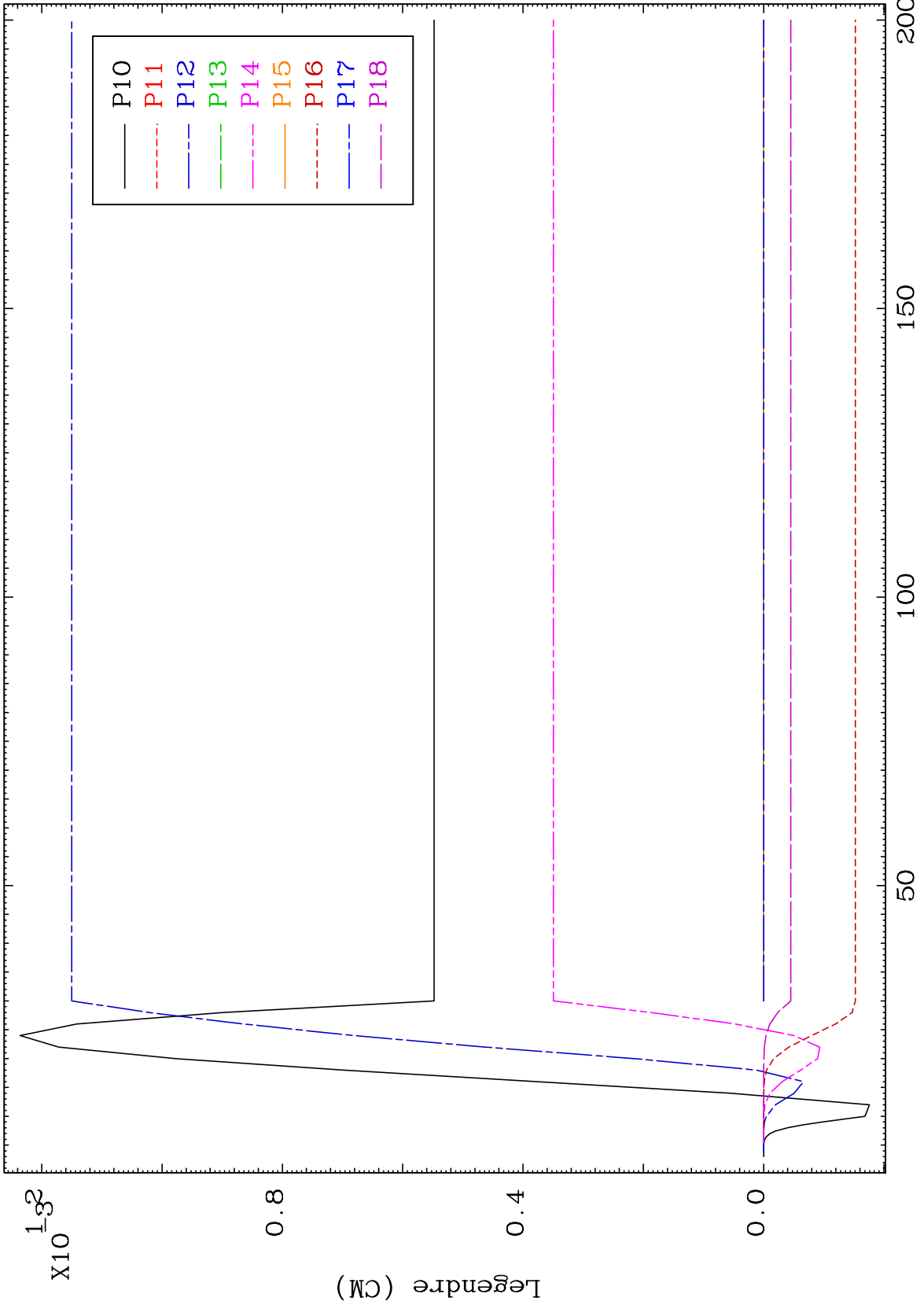
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



115

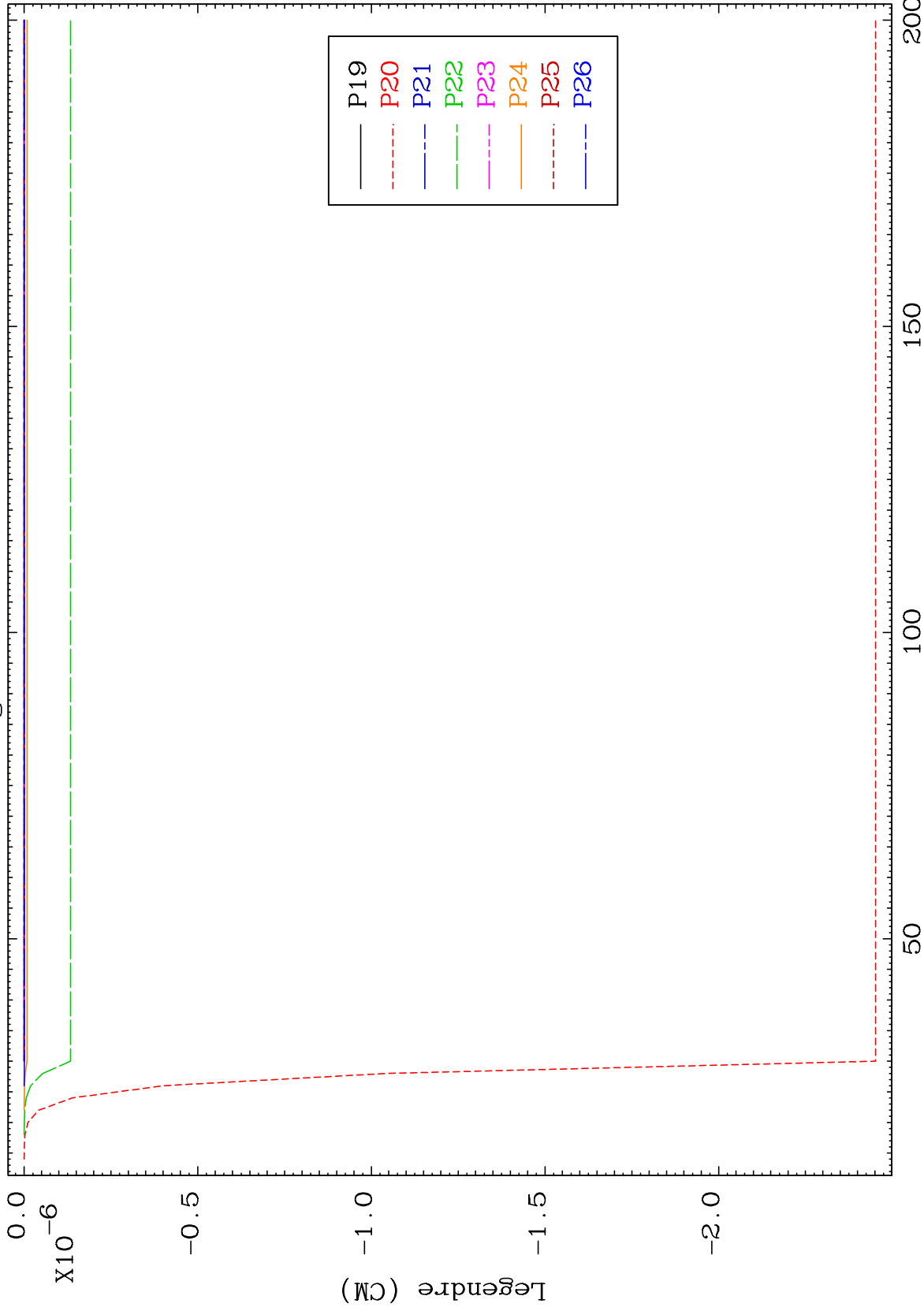
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

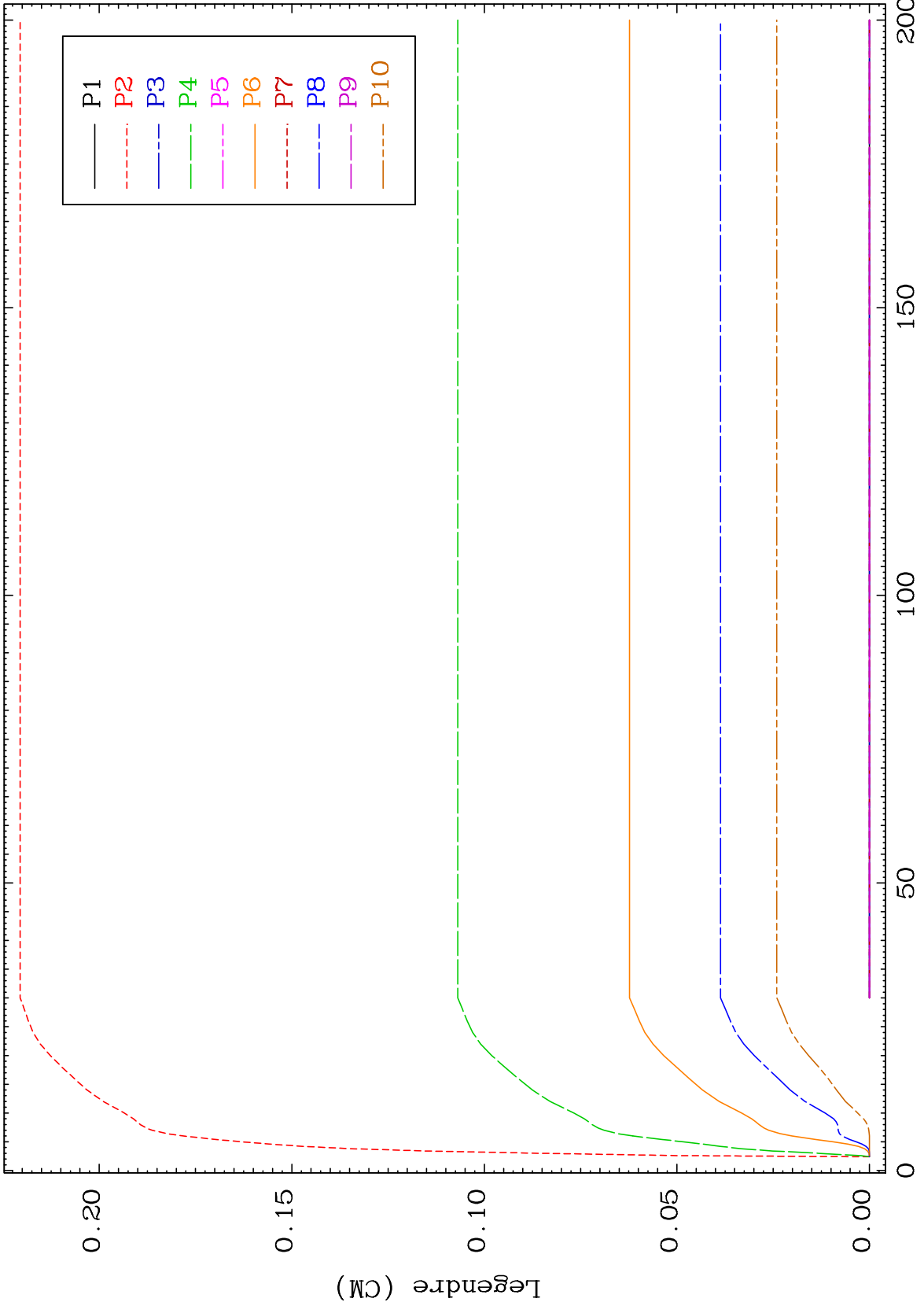


116

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 78 (n,n') Level Legendre Coefficients 54-Xe-124

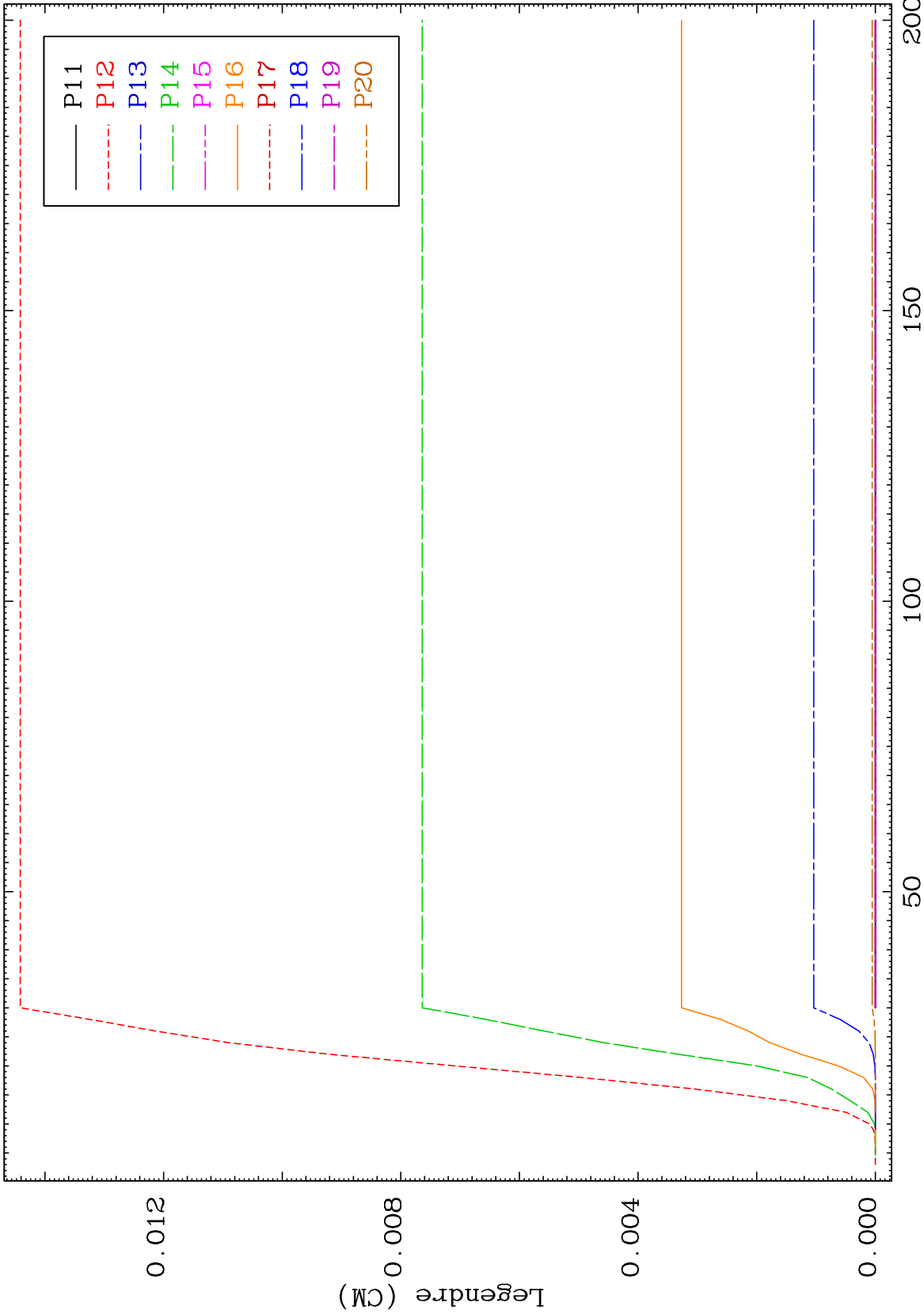


117 54-Xe-124

MAT 5425

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

54-Xe-124



118

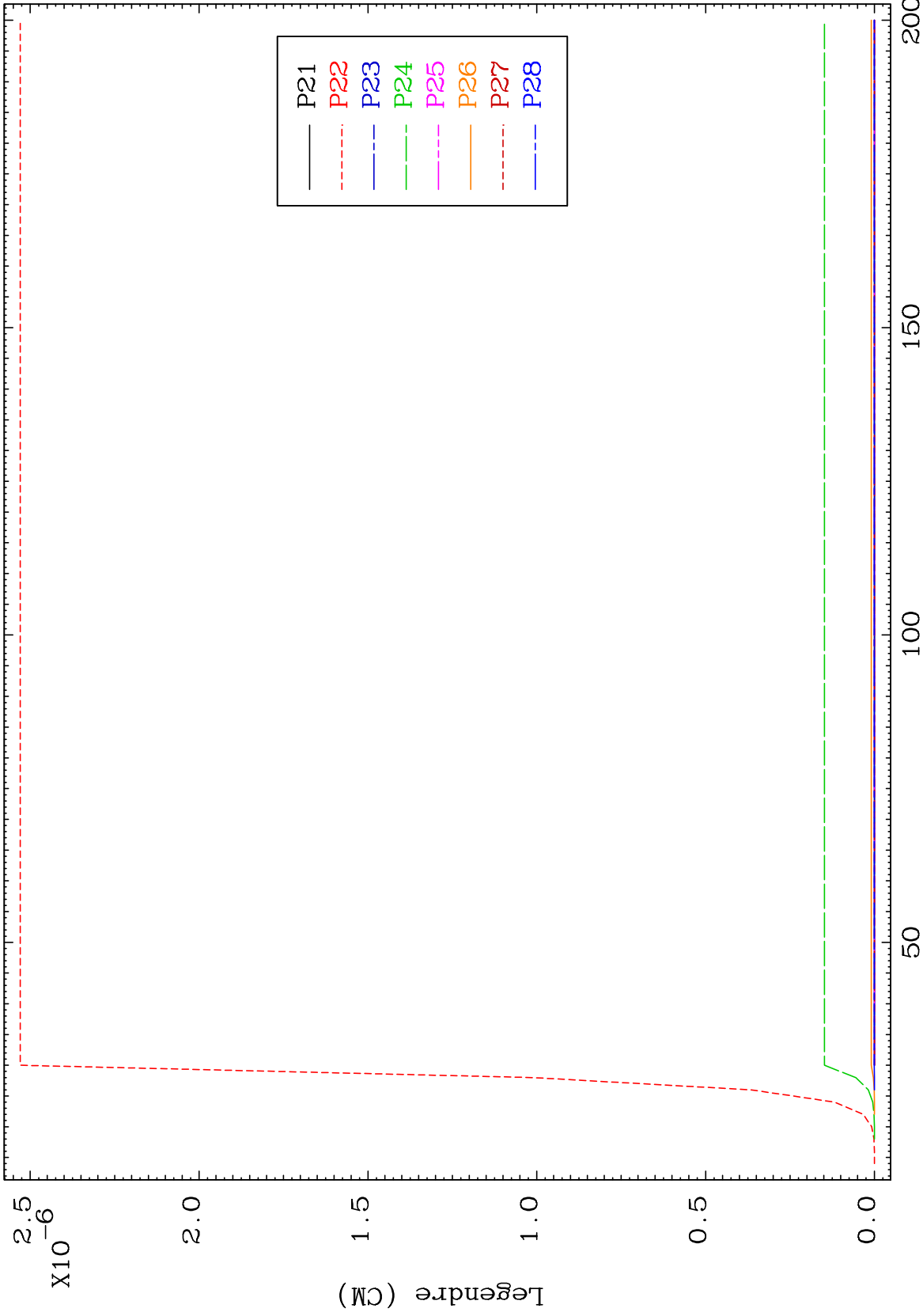
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124

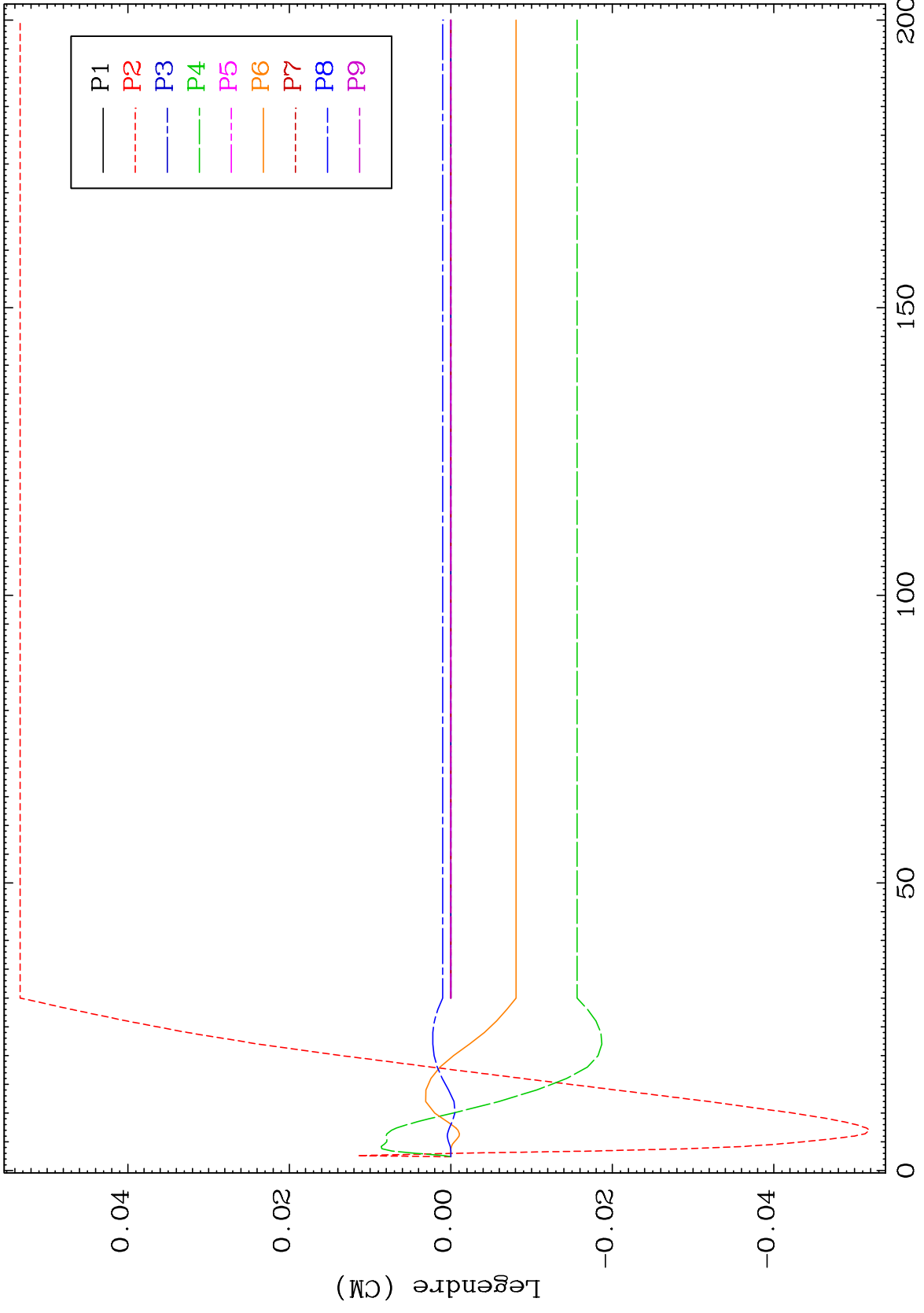


119

Incident Energy (MeV)

54-Xe-124

MAT 5425 MT= 79 (n,n') Level Legendre Coefficients 54-Xe-124

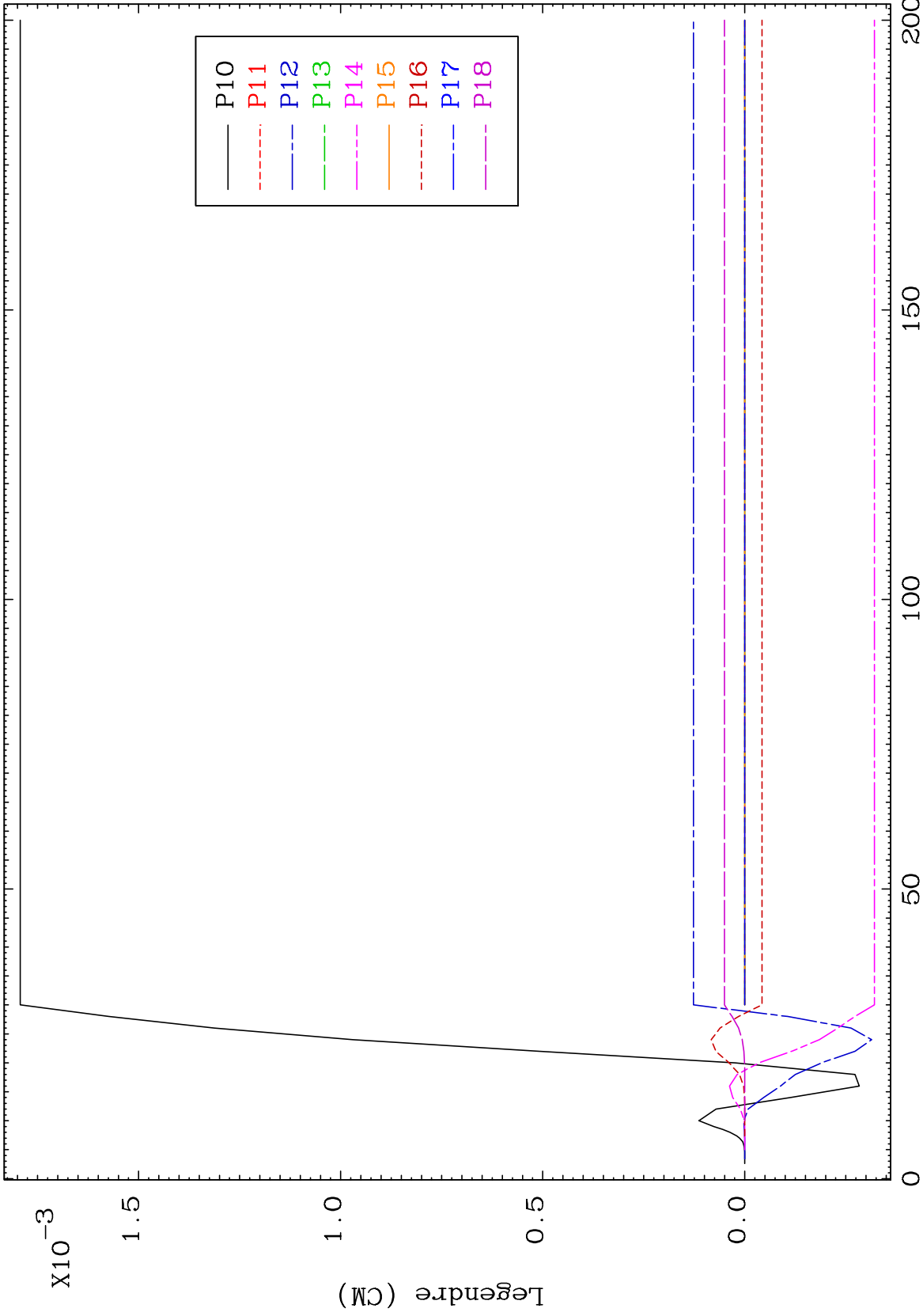


54-Xe-124

MAT 5425

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

54-Xe-124

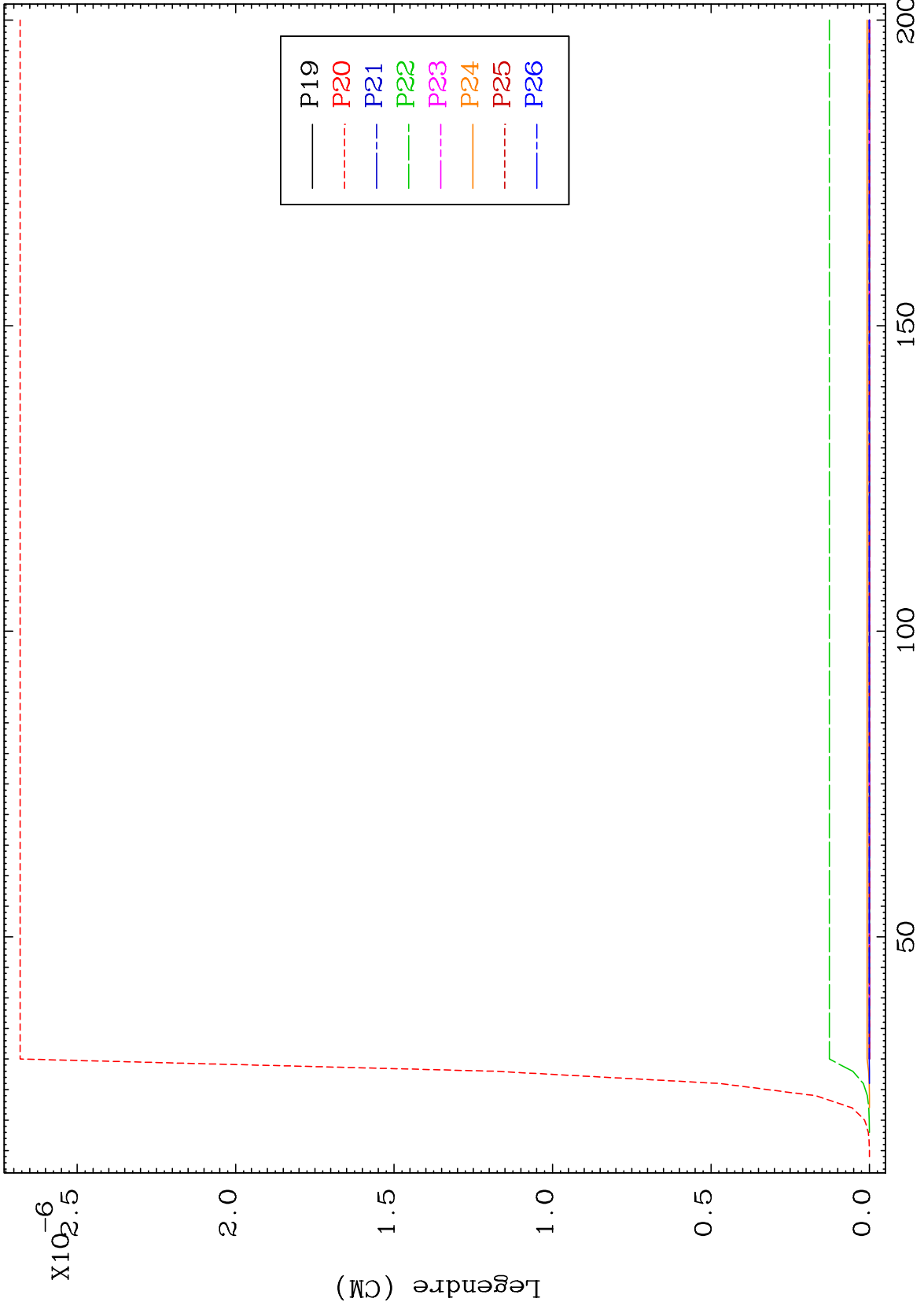


121

Incident Energy (MeV)

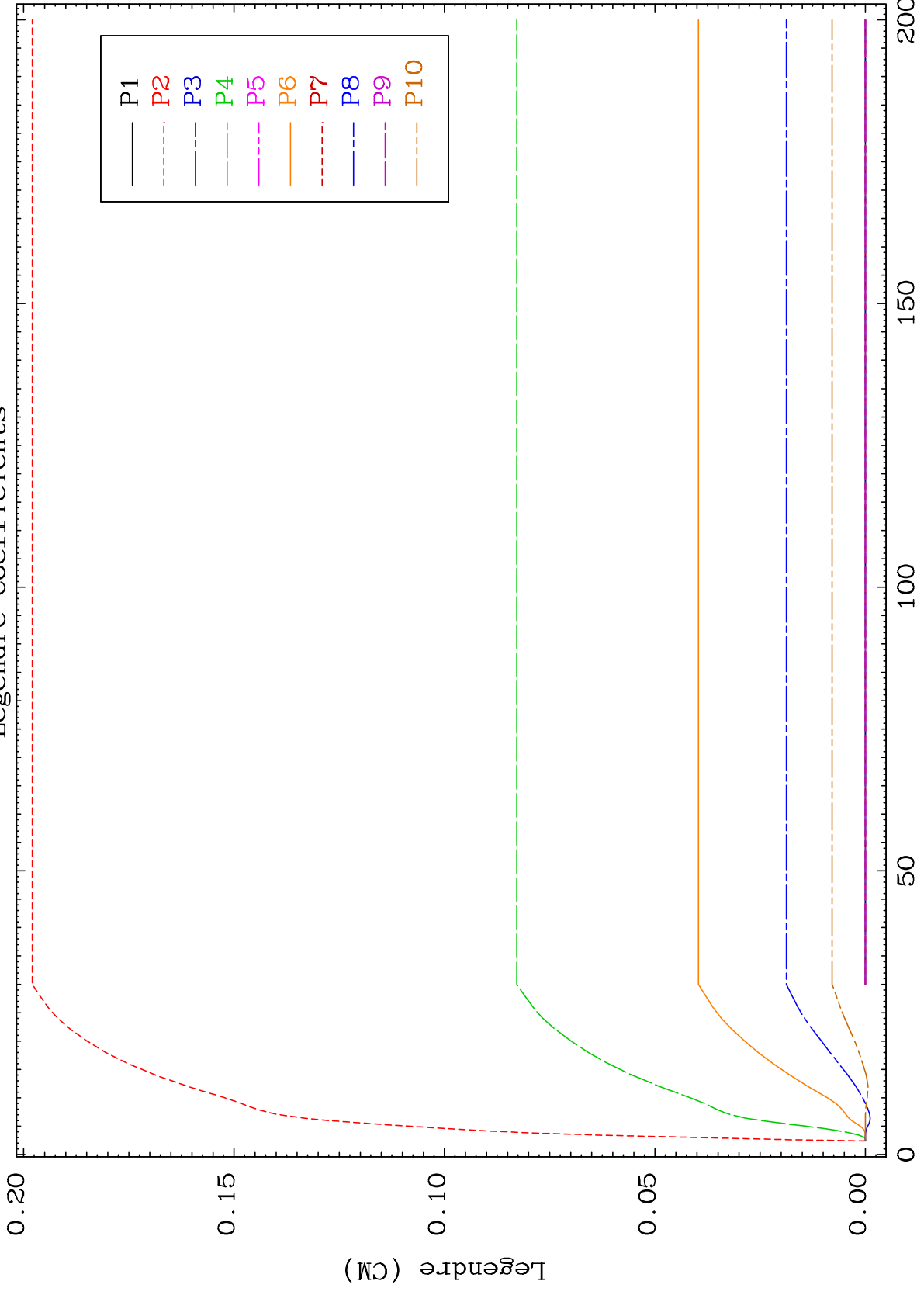
54-Xe-124

MAT 5425 MT= 79 (n,n') Level Legendre Coefficients 54-Xe-124



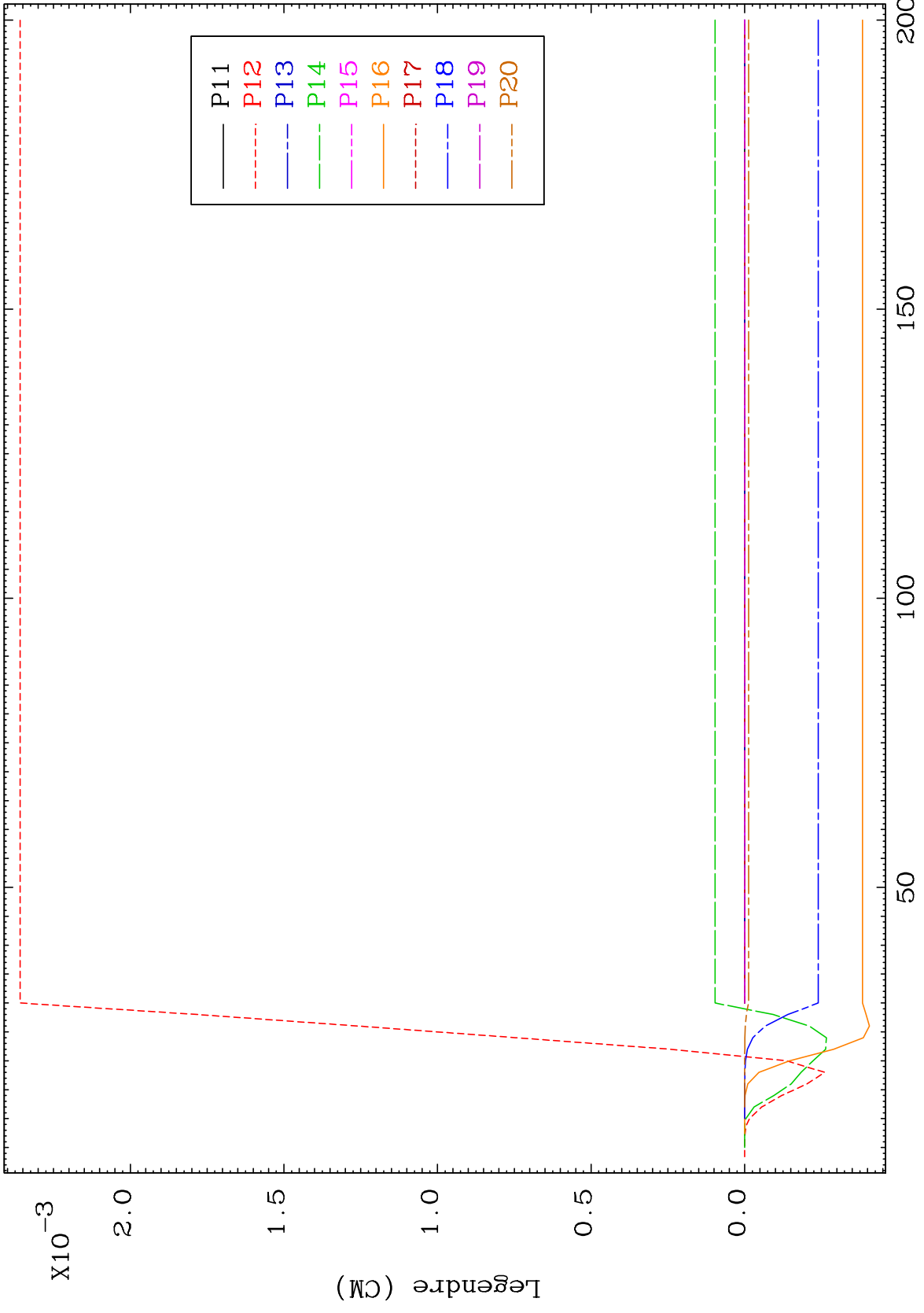
122 50 100 150 200 54-Xe-124

MAT 5425 MT= 80 (n,n') Level Legendre Coefficients 54-Xe-124



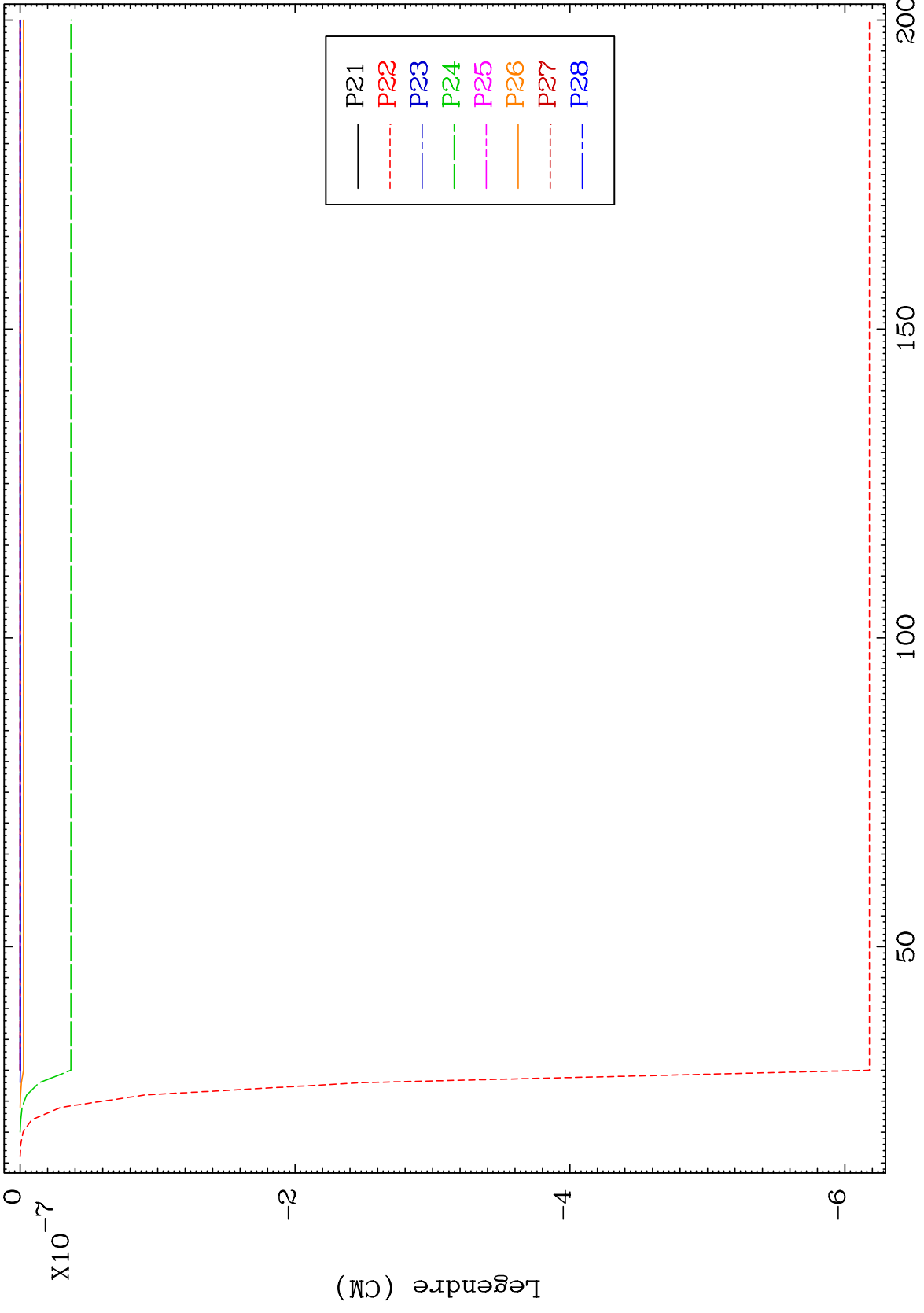
123 Incident Energy (MeV) 54-Xe-124

MAT 5425 MT= 80 (n,n') Level Legendre Coefficients 54-Xe-124



124 54-Xe-124

MAT 5425 MT= 80 (n,n') Level Legendre Coefficients 54-Xe-124

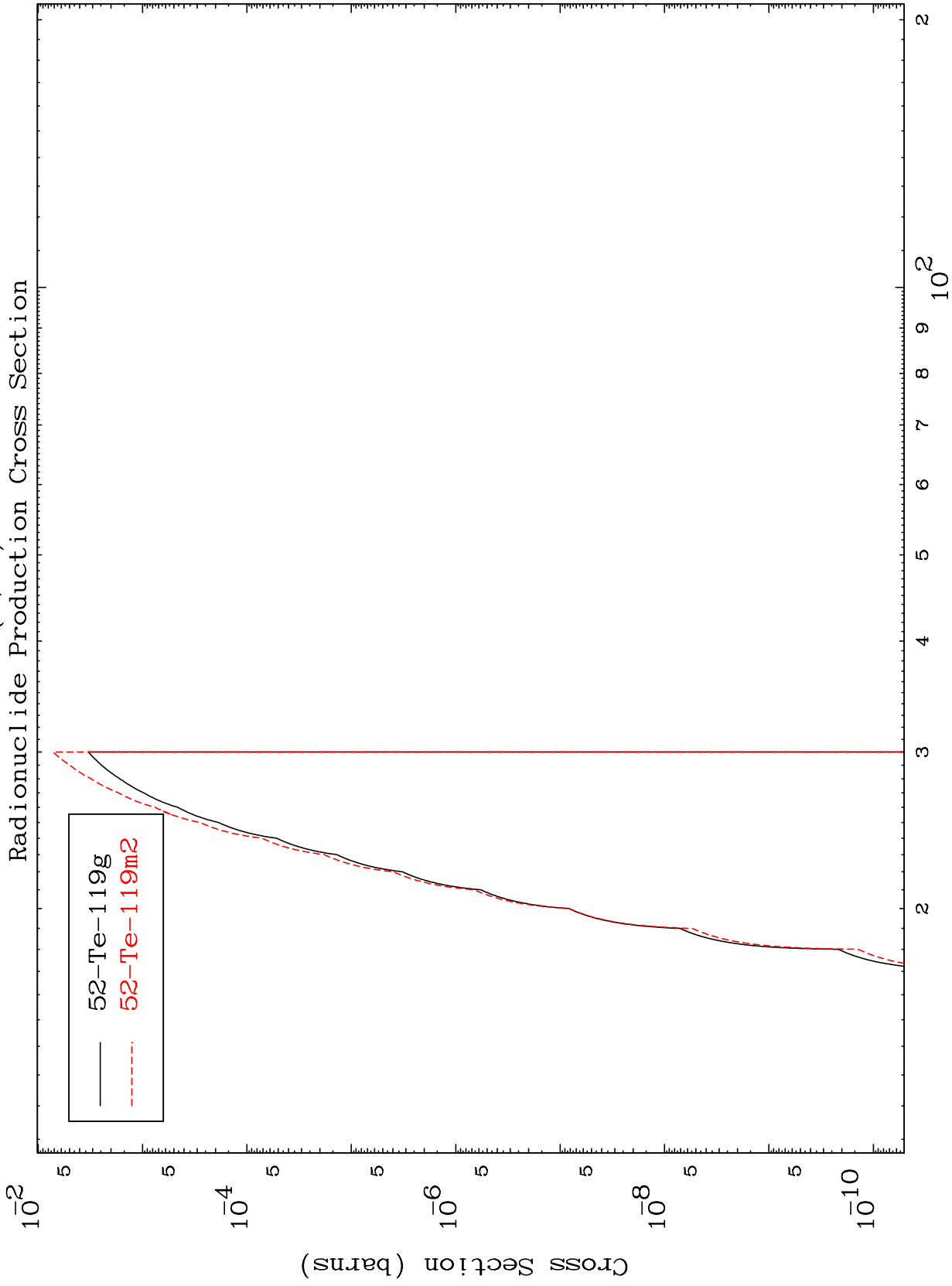


125 Incident Energy (MeV) 54-Xe-124

MAT 5425

(n,2n) α

54-Xe-124



126

54-Xe-124

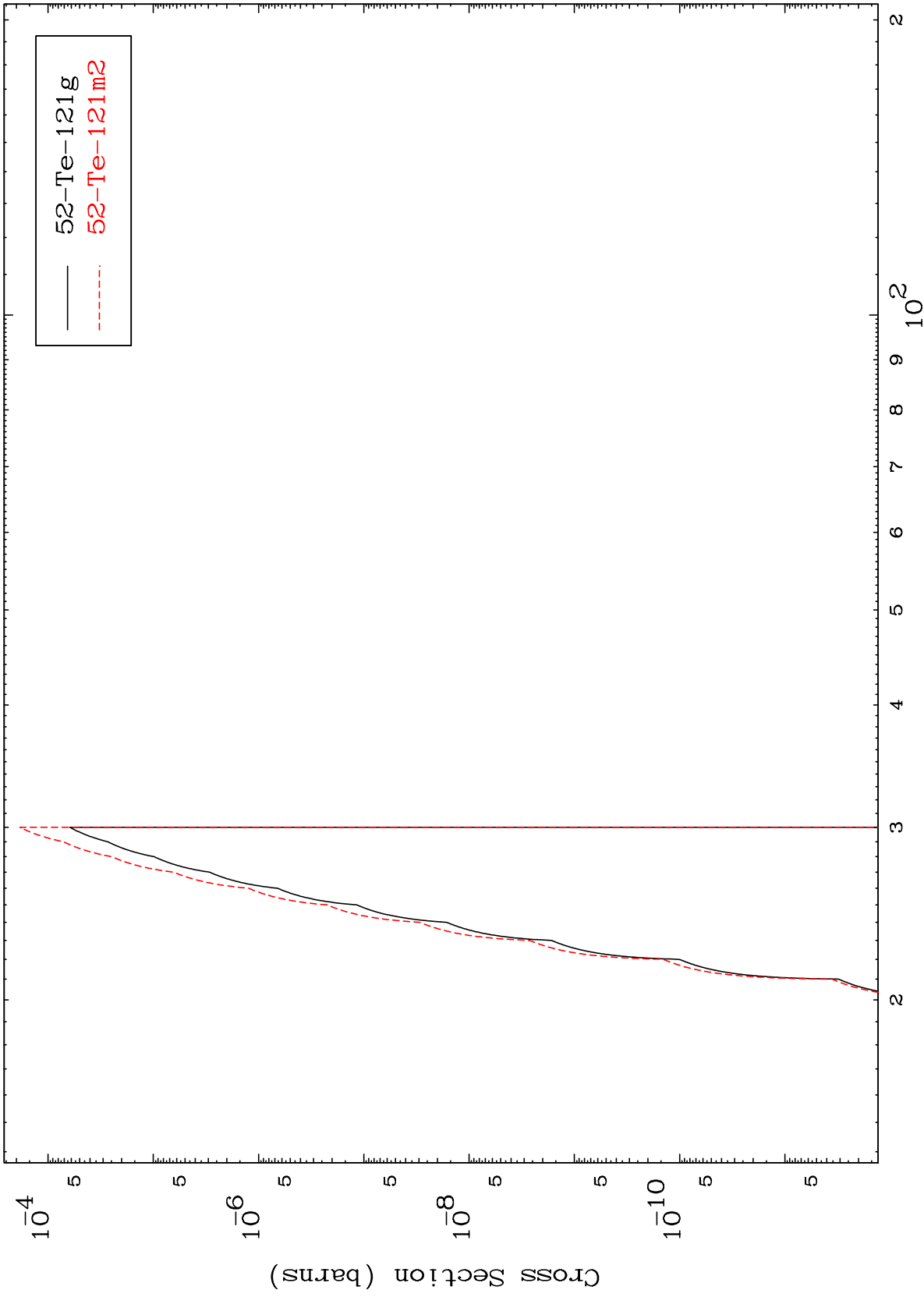
54-Xe-124

MAT 5425

(n, n') He-3

54-Xe-124

Radionuclide Production Cross Section



127

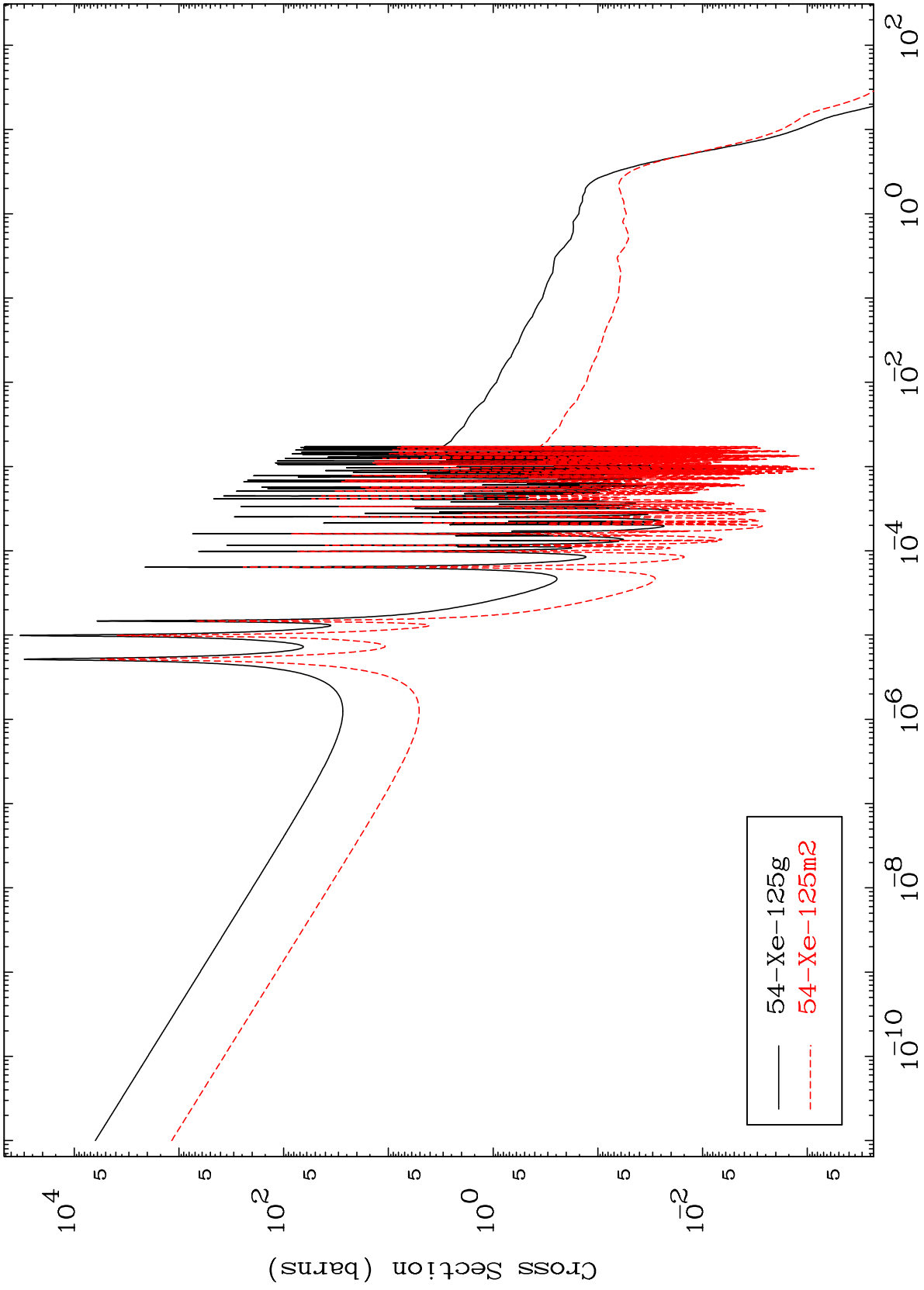
Incident Energy (MeV)

54-Xe-124

MAT 5425

54-Xe-124

(n,γ)
Radionuclide Production Cross Section



128

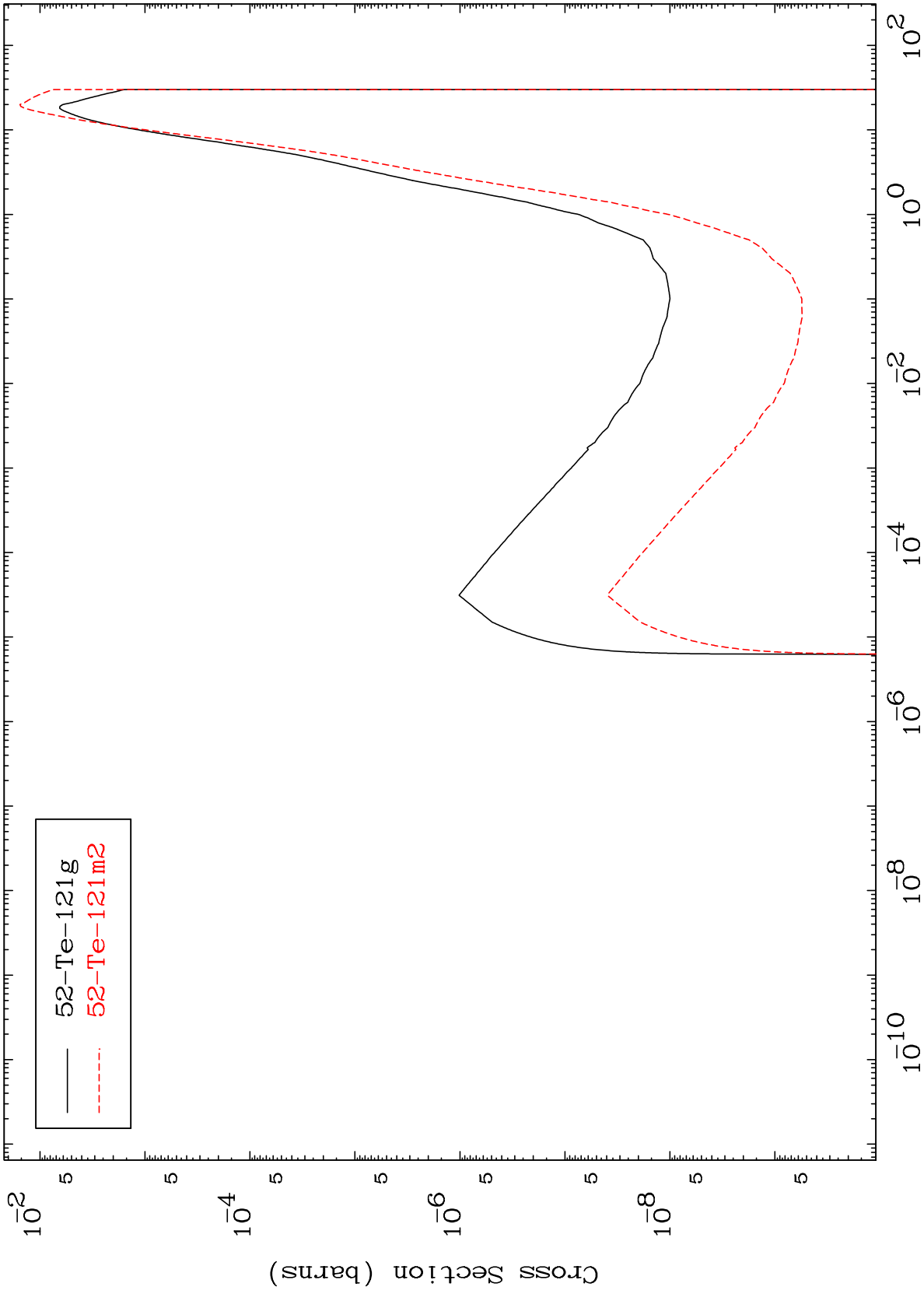
54-Xe-124

MAT 5425

(n, α)

54-Xe-124

Radionuclide Production Cross Section



129

Incident Energy (MeV)

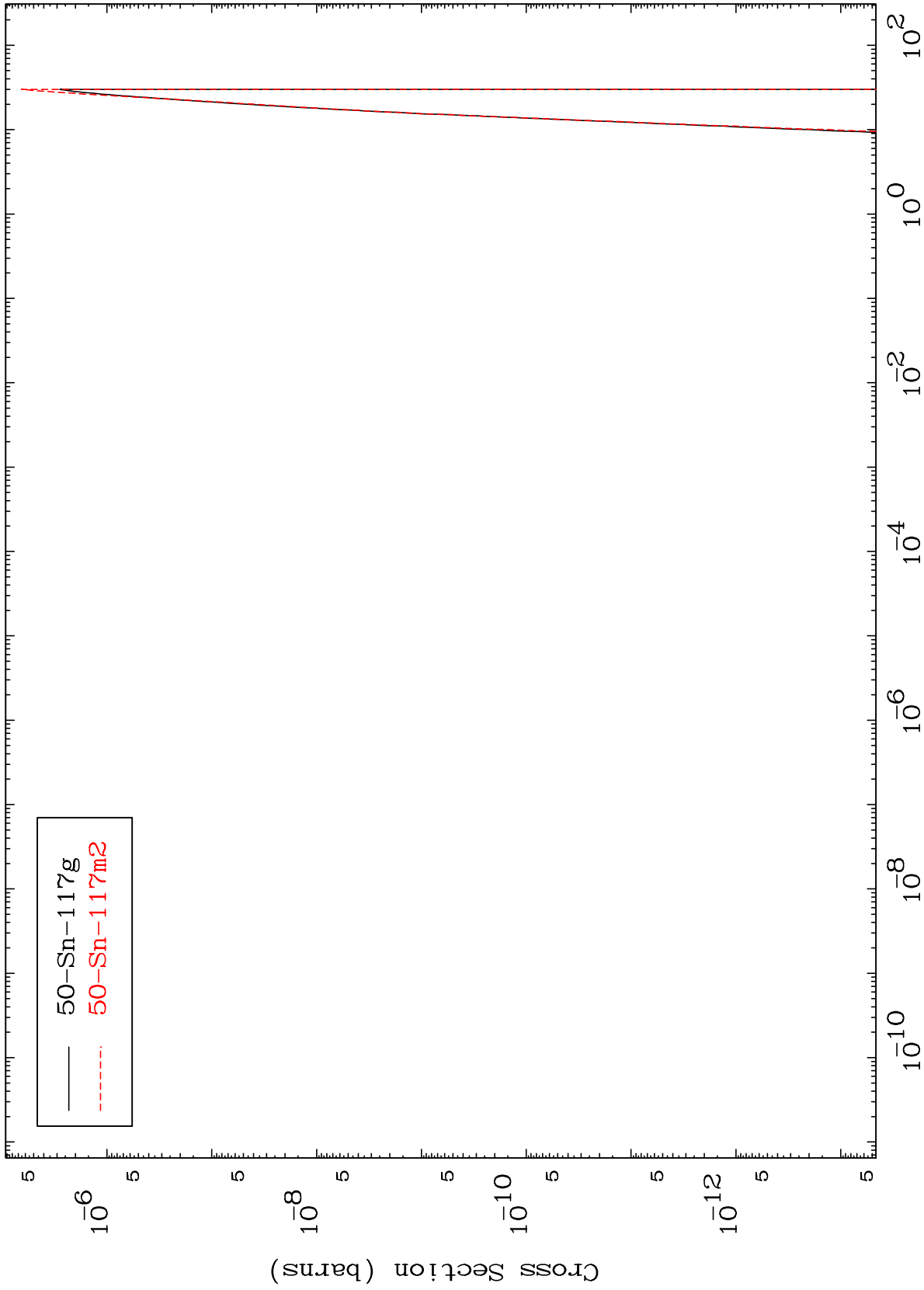
54-Xe-124

MAT 5425

(n,2α)

54-Xe-124

Radionuclide Production Cross Section



130

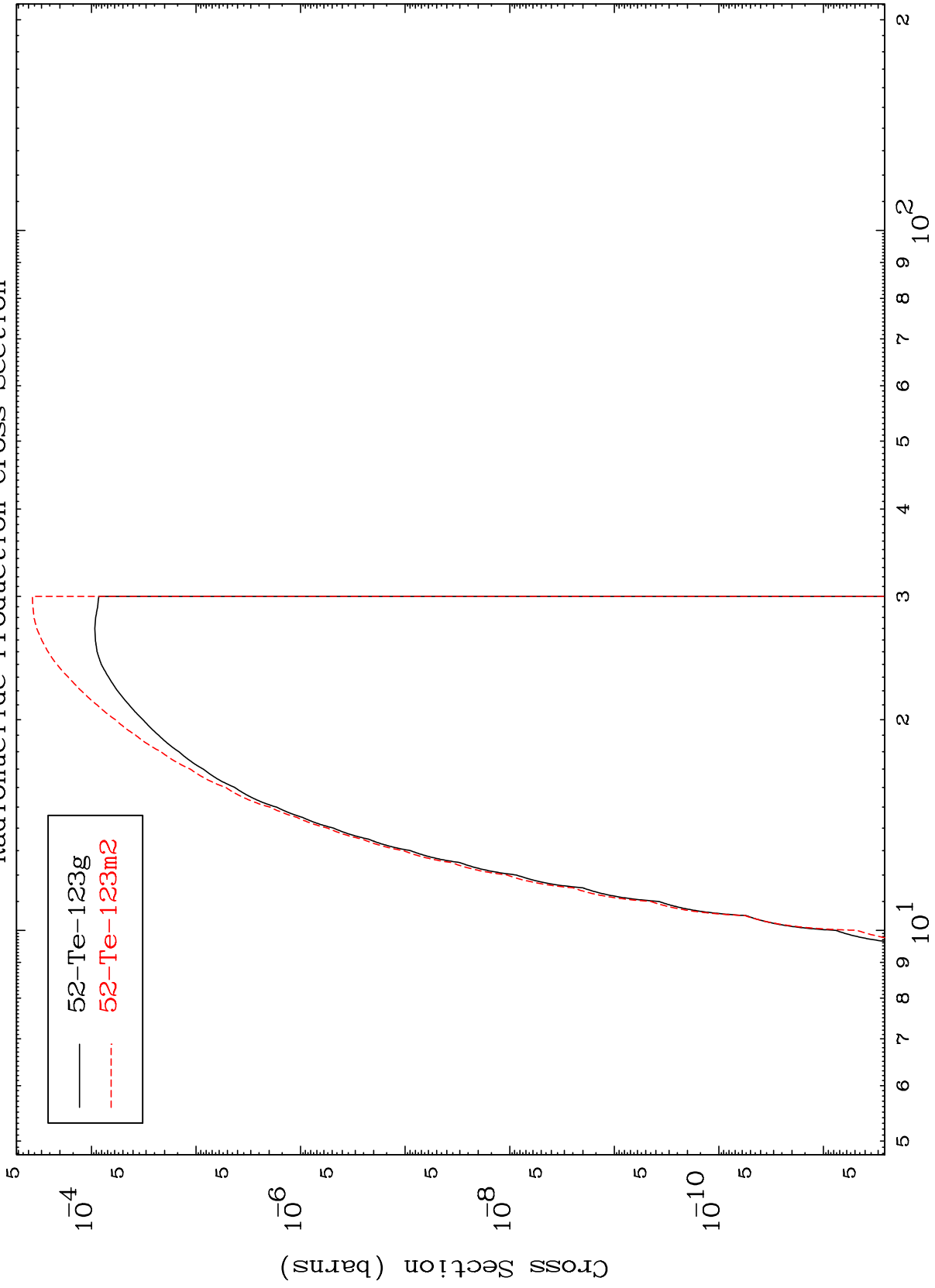
Incident Energy (MeV)

54-Xe-124

MAT 5425

54-Xe-124

Radionuclide Production Cross Section



131

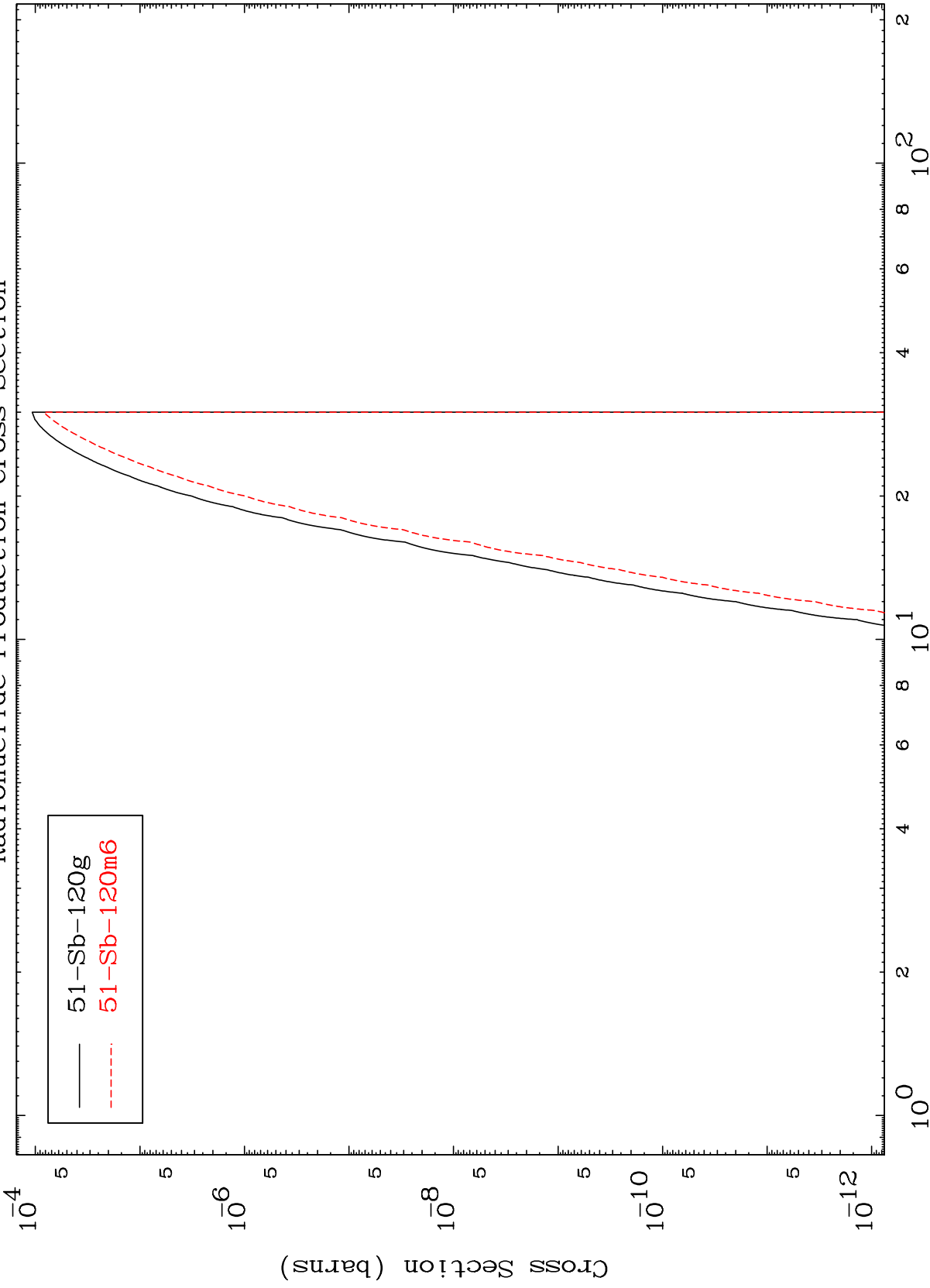
54-Xe-124

MAT 5425

(n,p) α

54-Xe-124

Radionuclide Production Cross Section



132

Incident Energy (MeV)

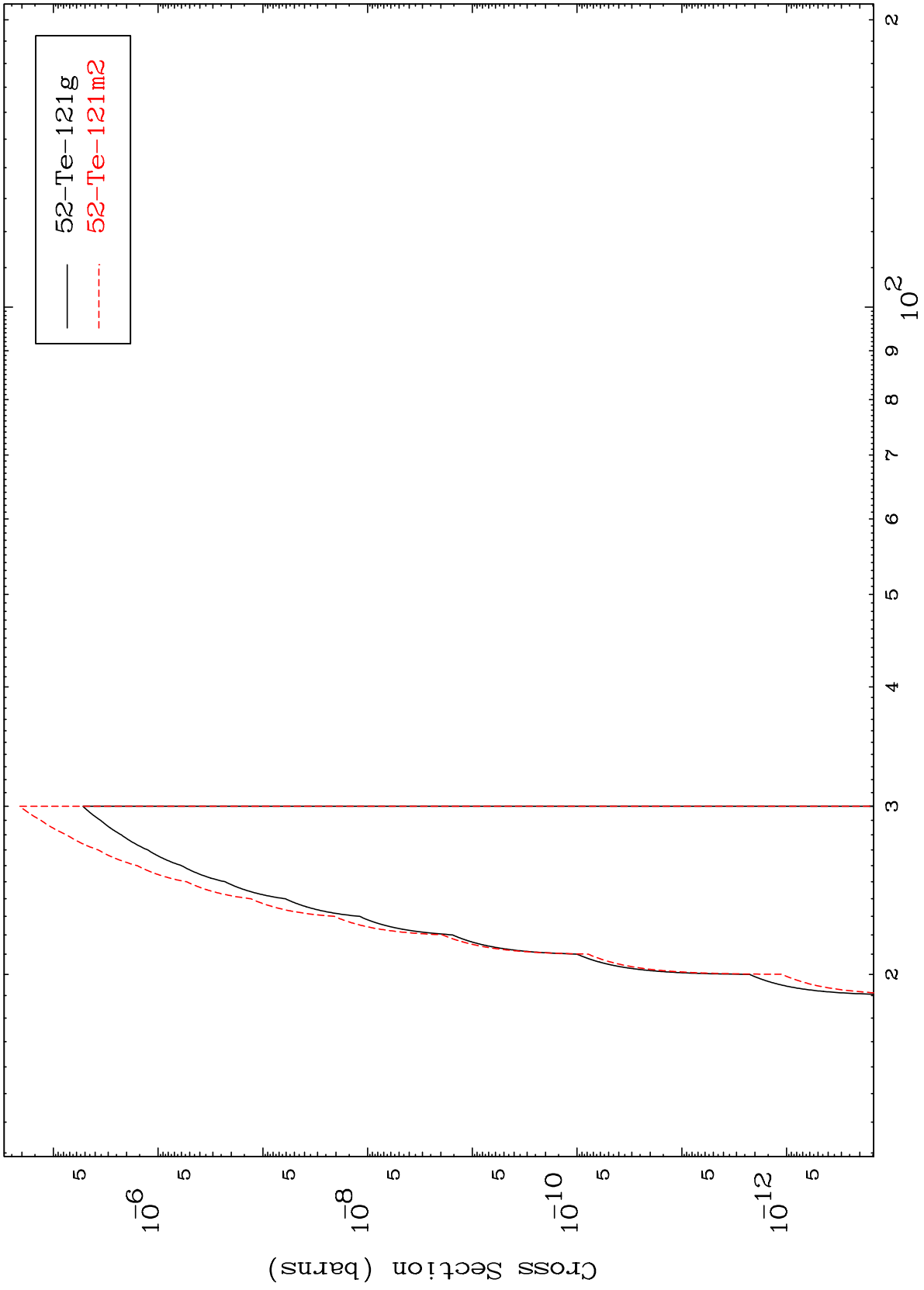
54-Xe-124

MAT 5425

(n,p) t

54-Xe-124

Radionuclide Production Cross Section



133

Incident Energy (MeV)

54-Xe-124