

Program EVALPLOT
(Version 2021-1)

by

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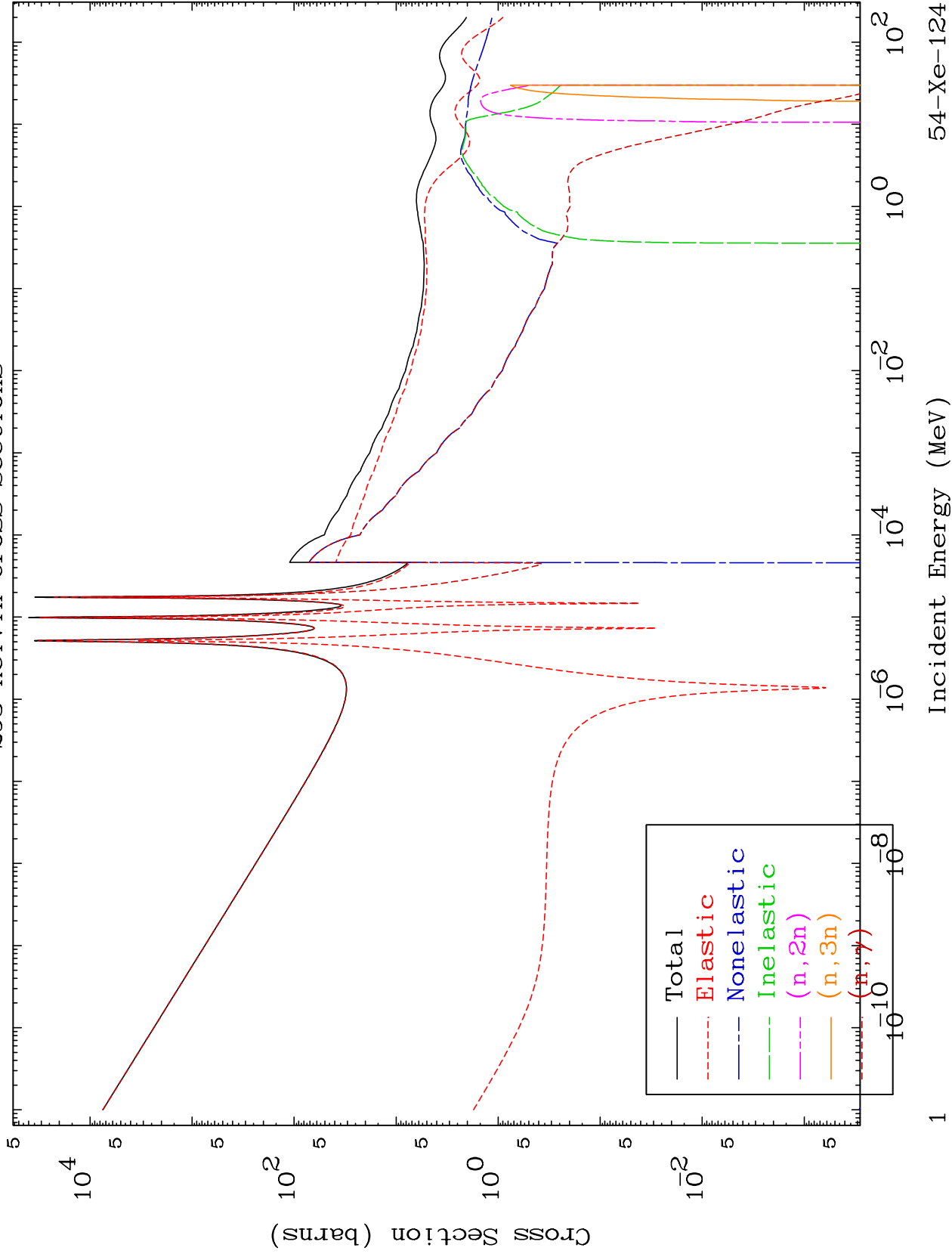
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Press Mouse Button to Start

MAT 5425

Neutron Major
293 Kelvin Cross Sections

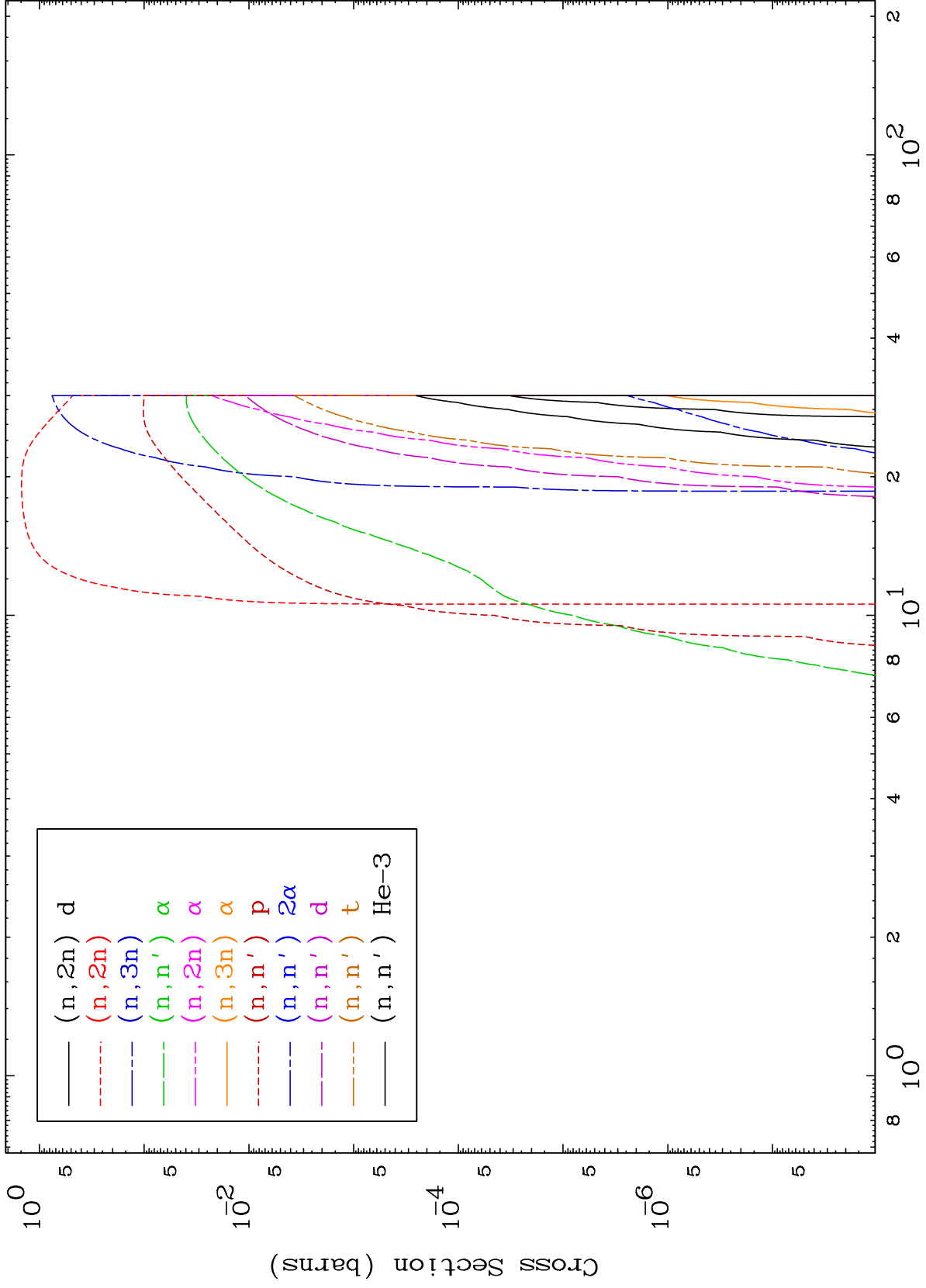
54-Xe-124



MAT 5425

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-124



2

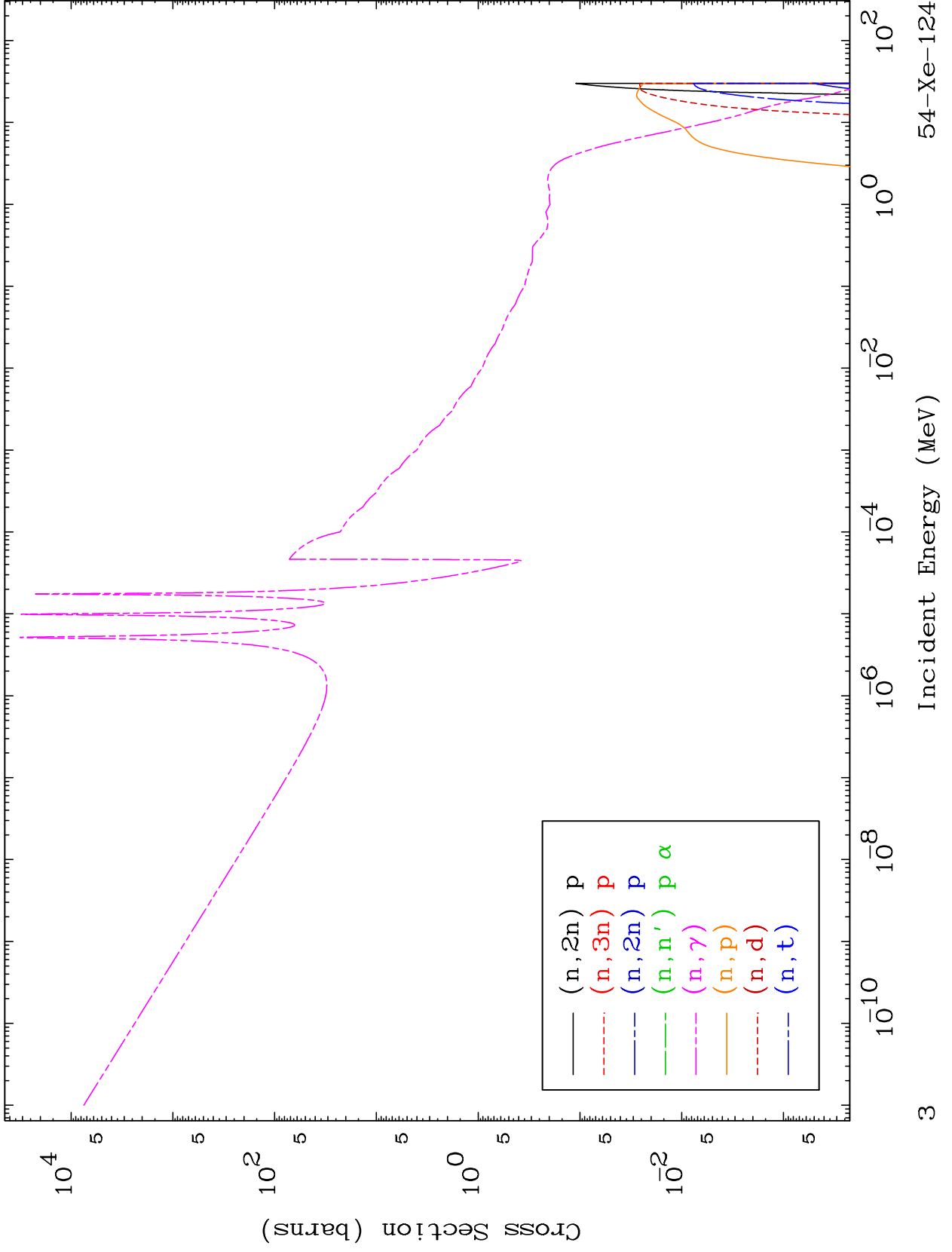
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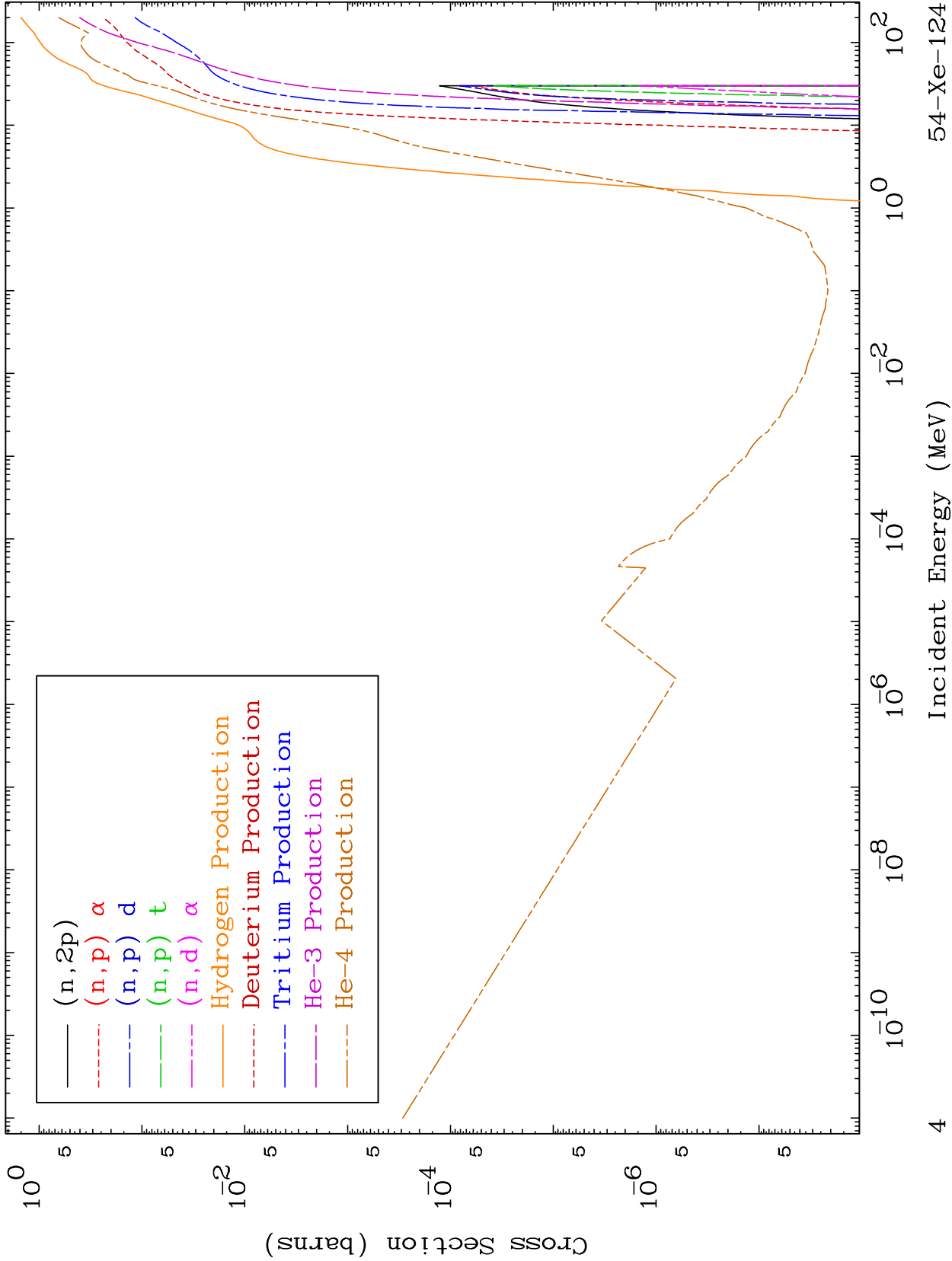
54-Xe-124

MAT 5425

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-124

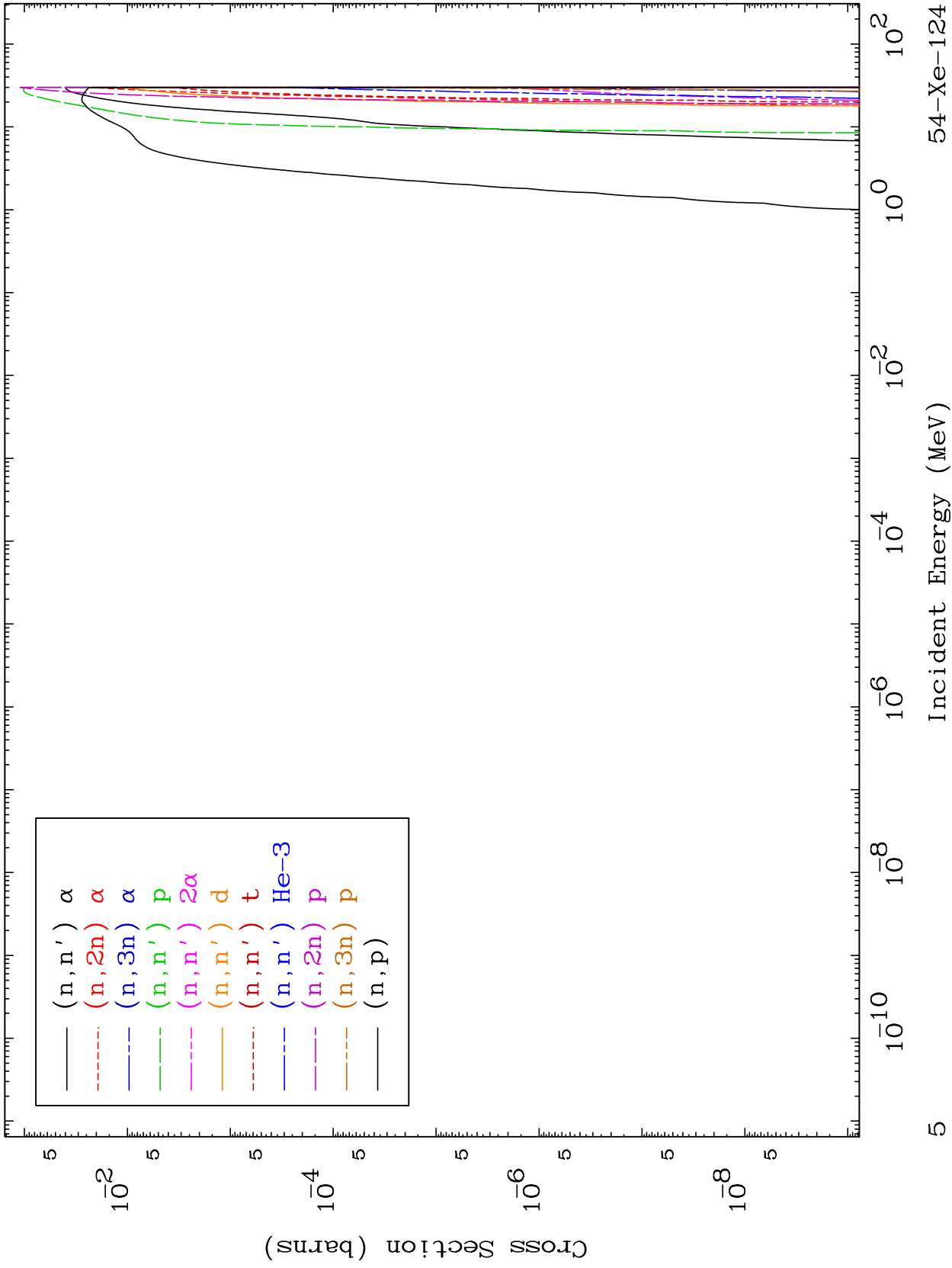




MAT 5425

Charged Particle
293 Kelvin Cross Sections

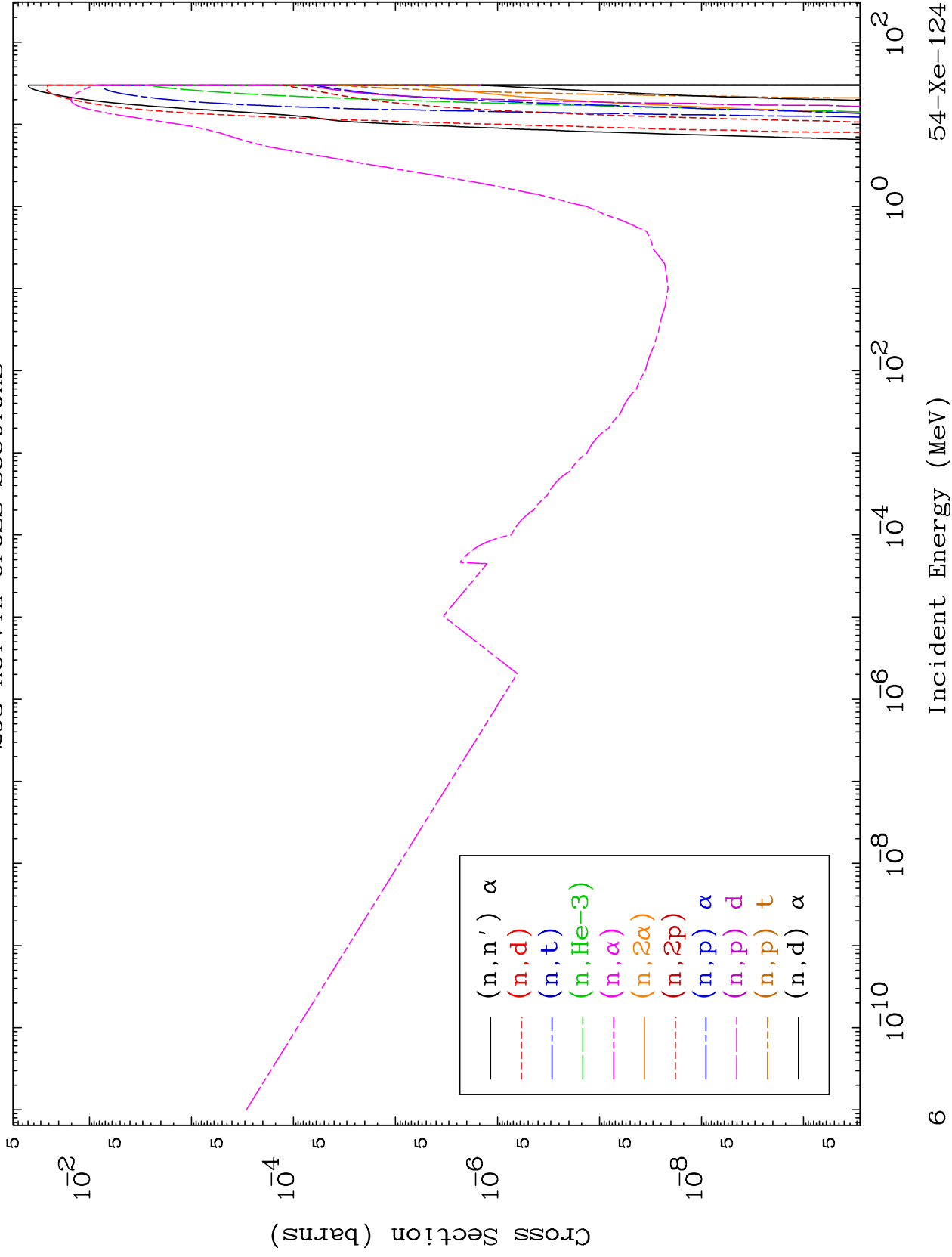
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MAT 5425

Charged Particle
293 Kelvin Cross Sections

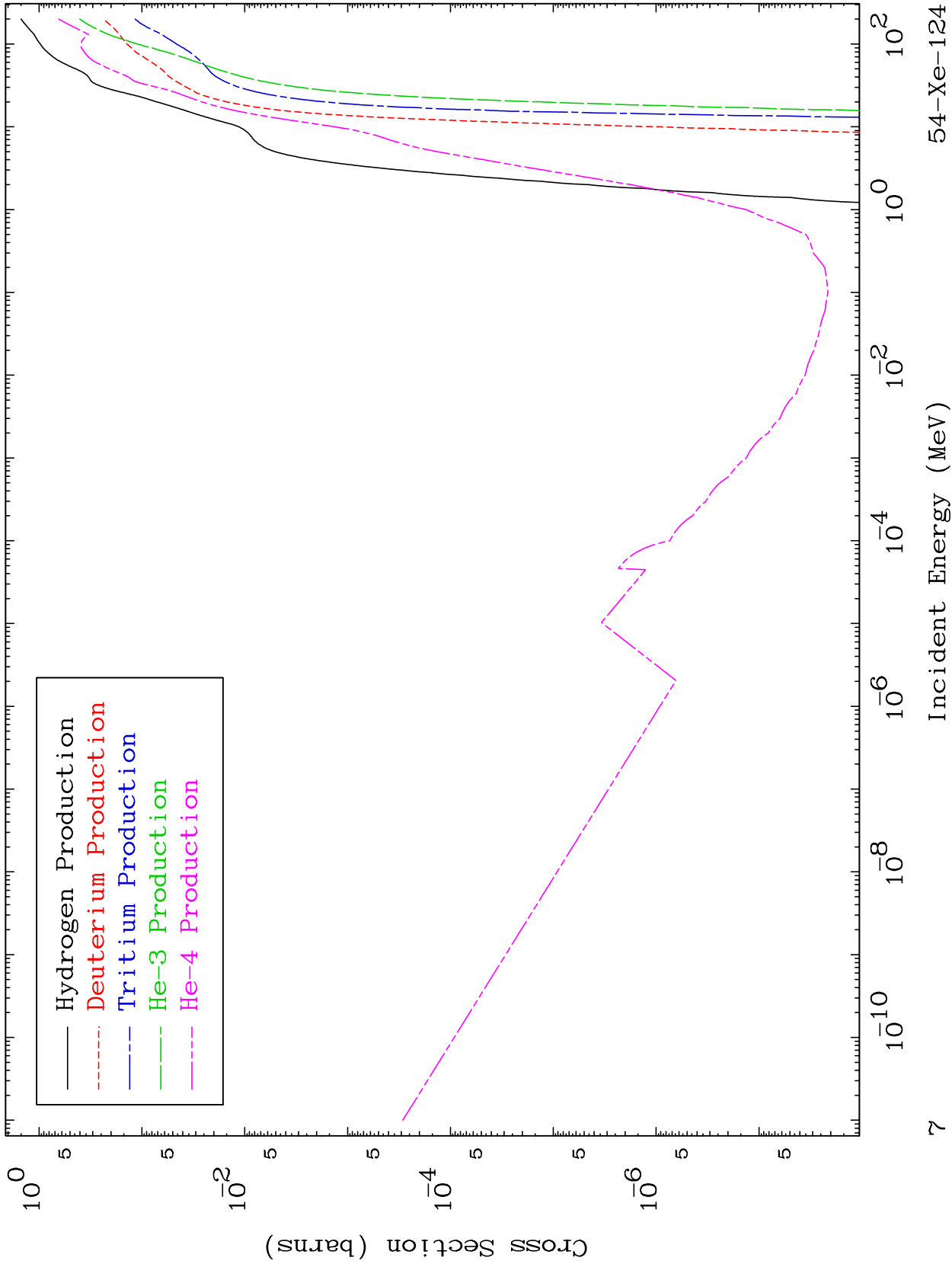
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MAT 5425

Particle Production
293 Kelvin Cross Sections

54-Xe-124

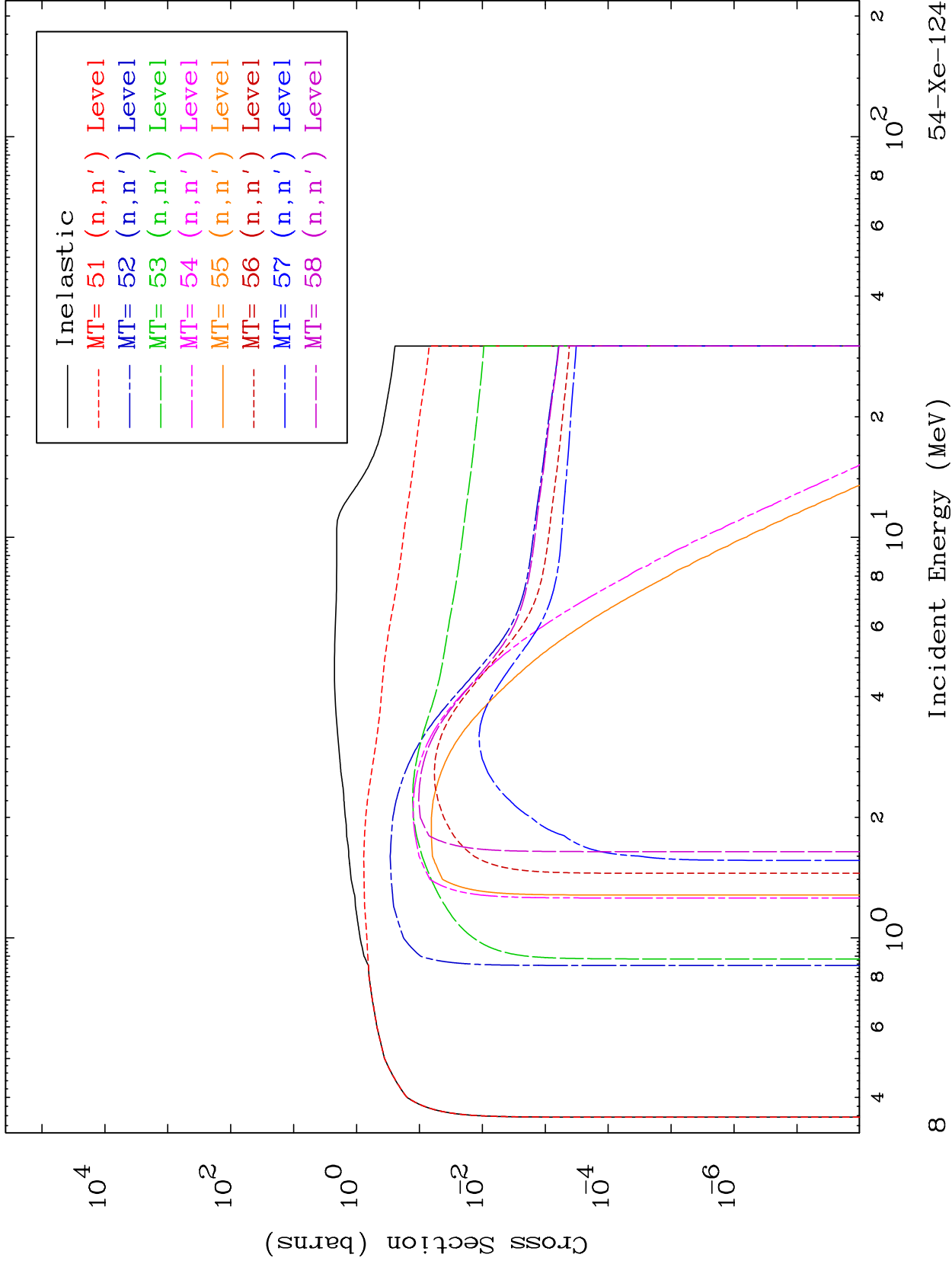


MAT 5425

(n,n') Levels

54-Xe-124

293 Kelvin Cross Sections

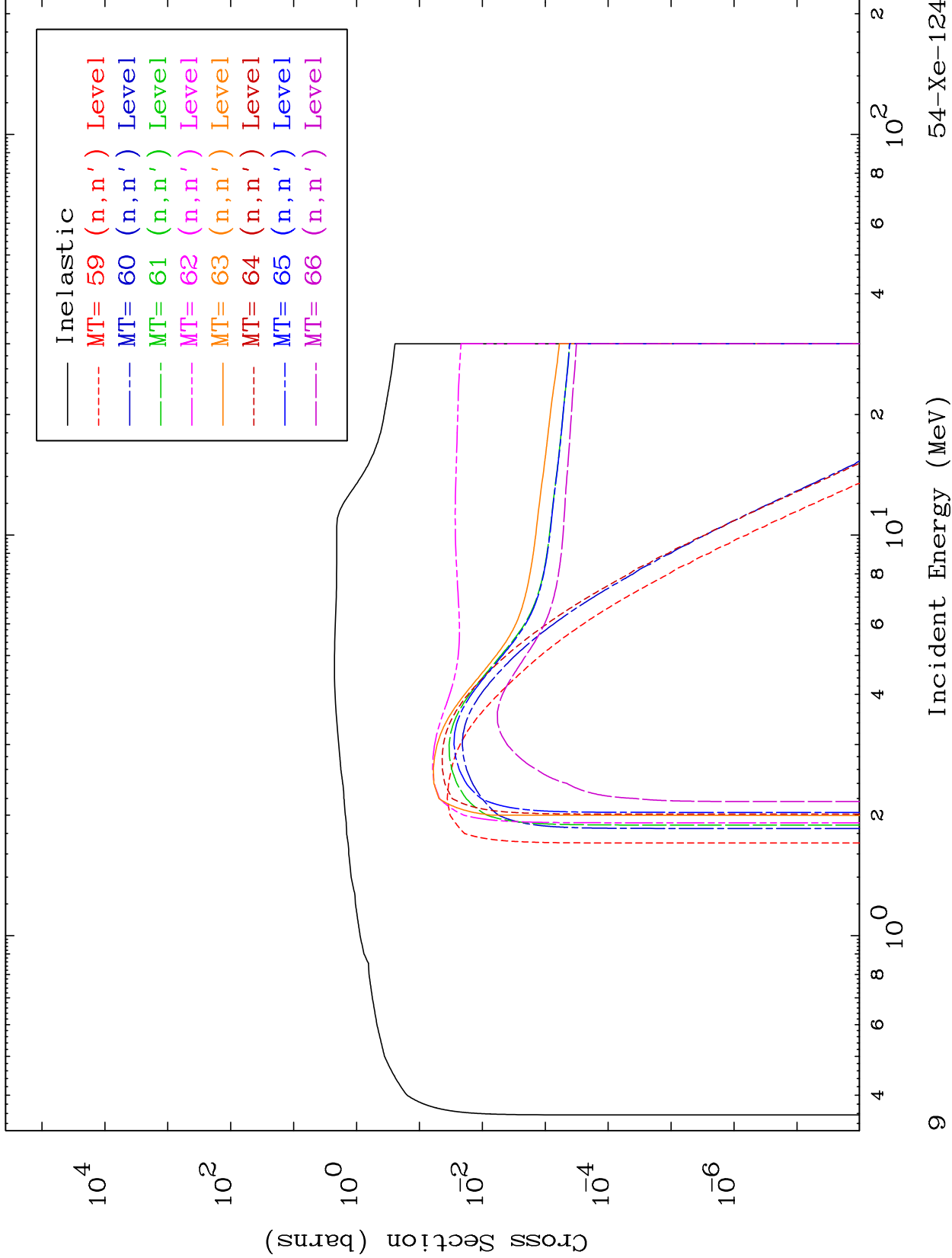


8

MAT 5425

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-124

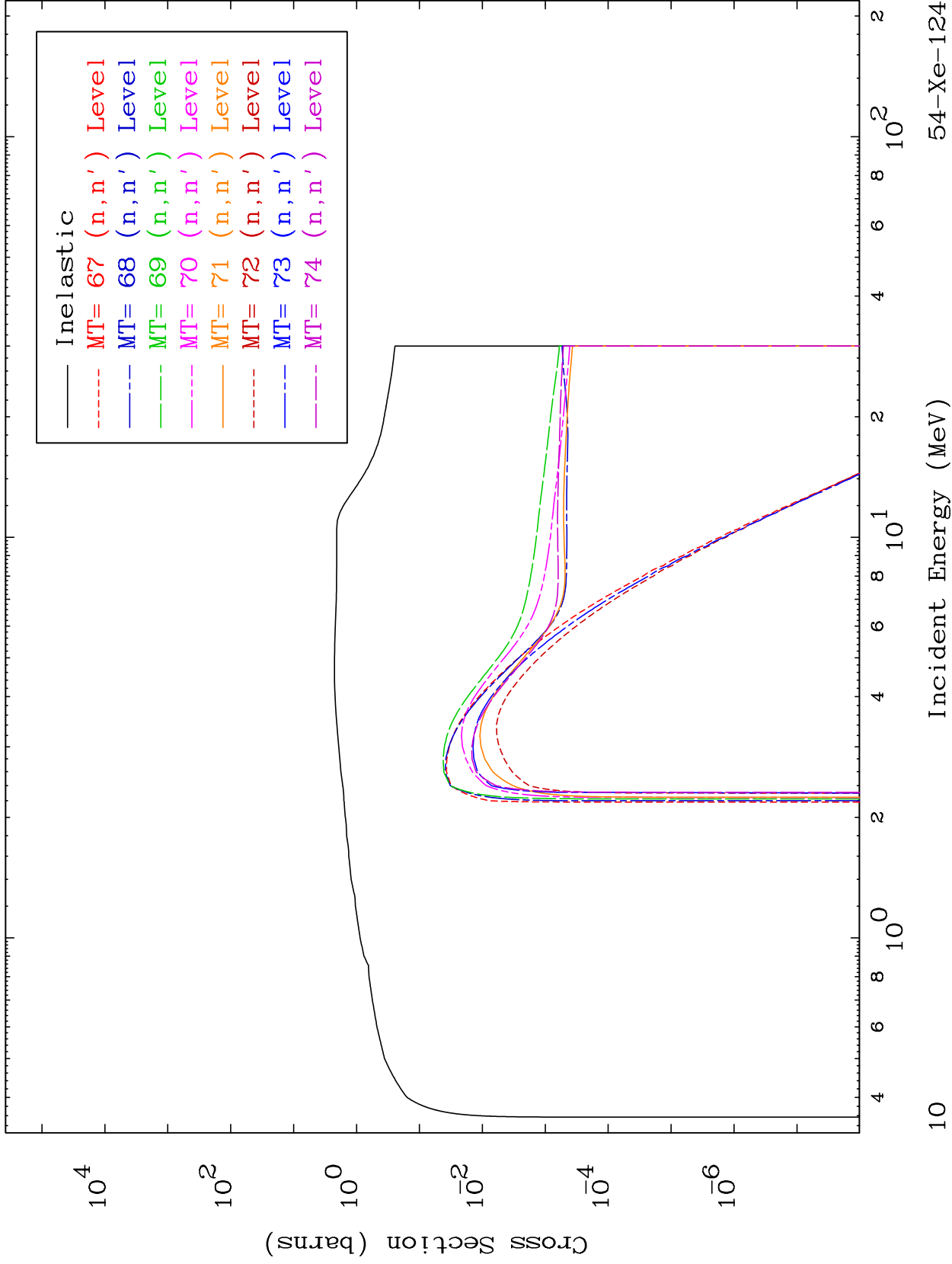


MAT 5425

(n,n') Levels

293 Kelvin Cross Sections

54-Xe-124



10

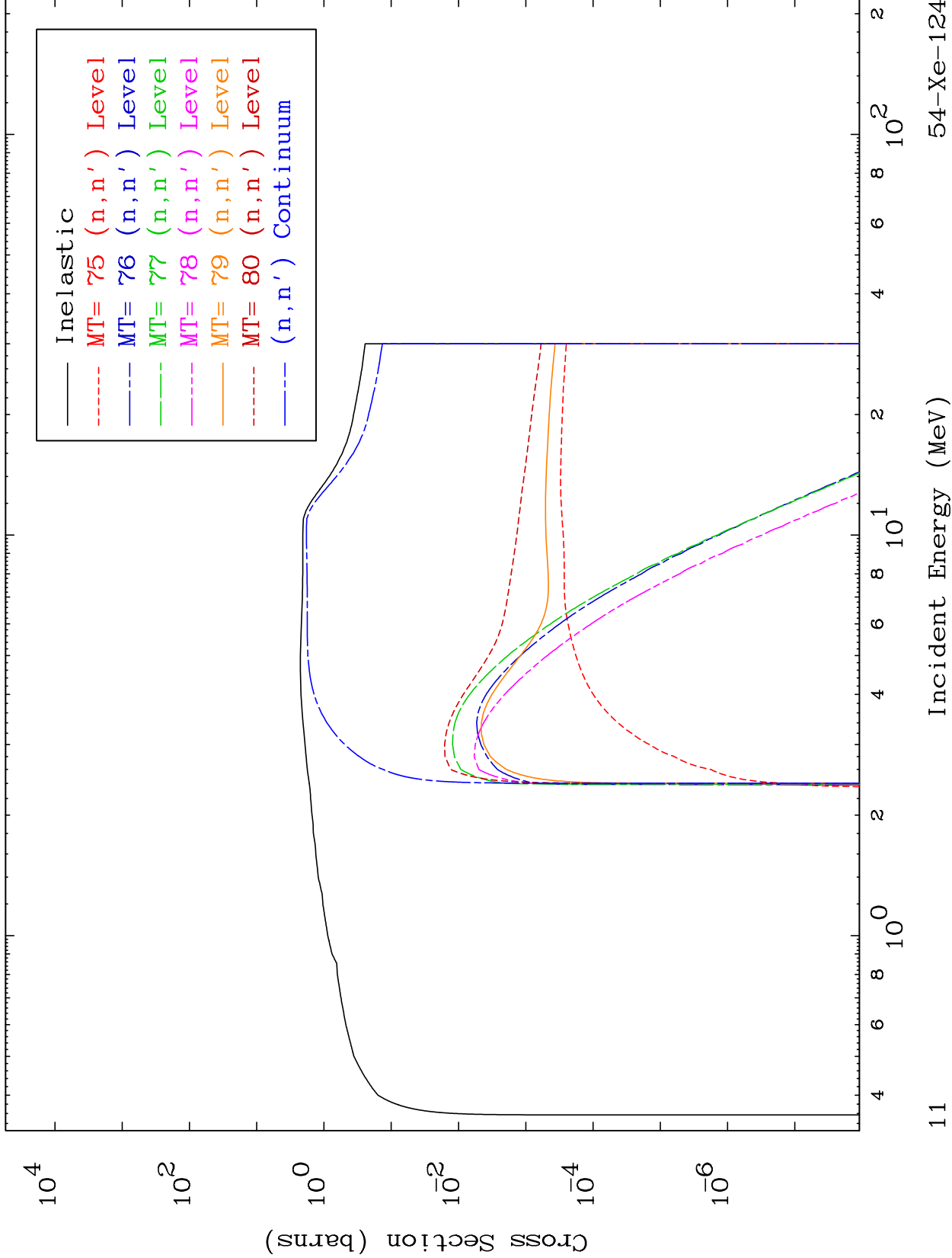
Incident Energy (MeV)

54-Xe-124

MAT 5425

(n,n') Levels
293 Kelvin Cross Sections

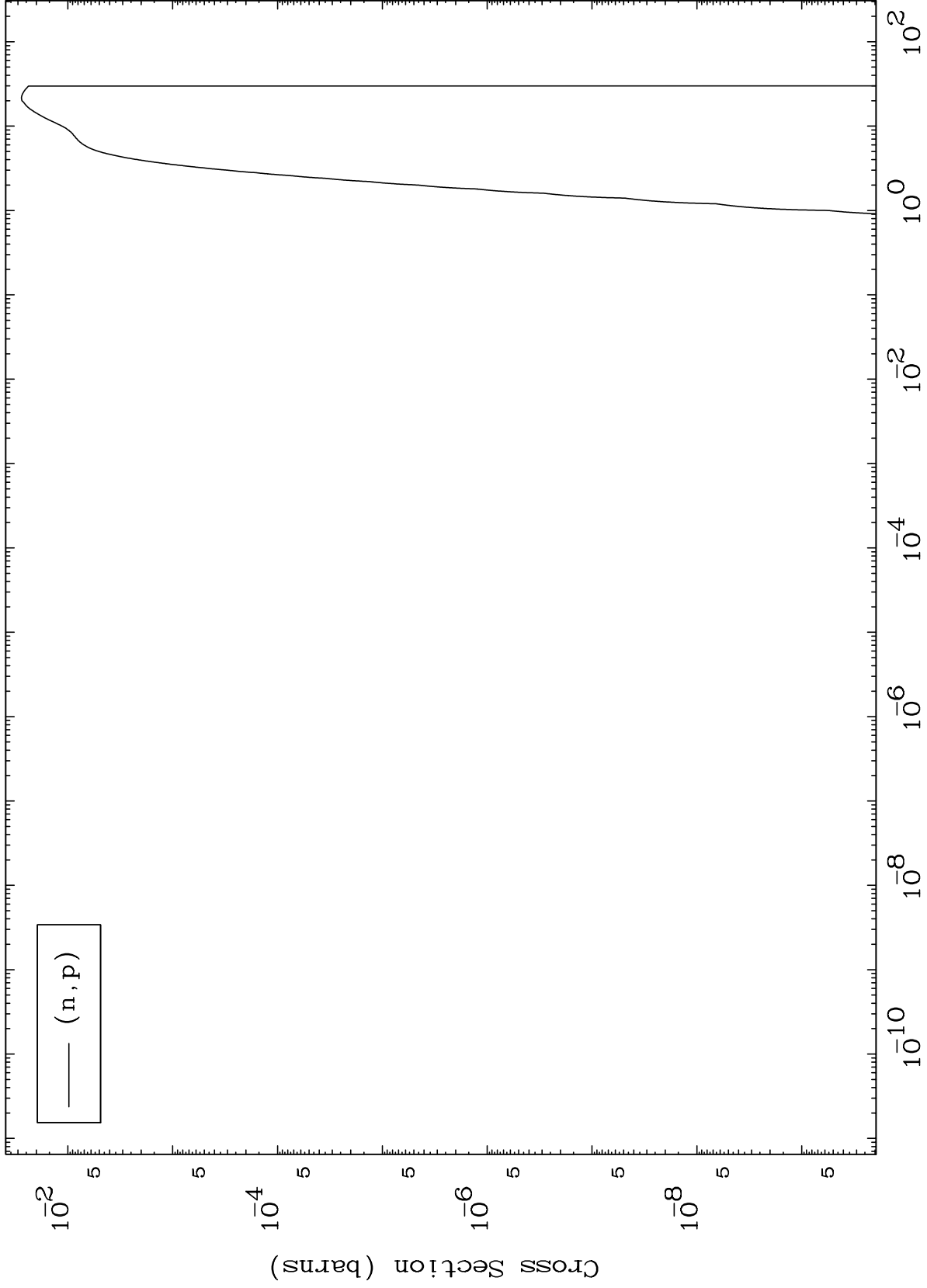
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MAT 5425

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-124



12

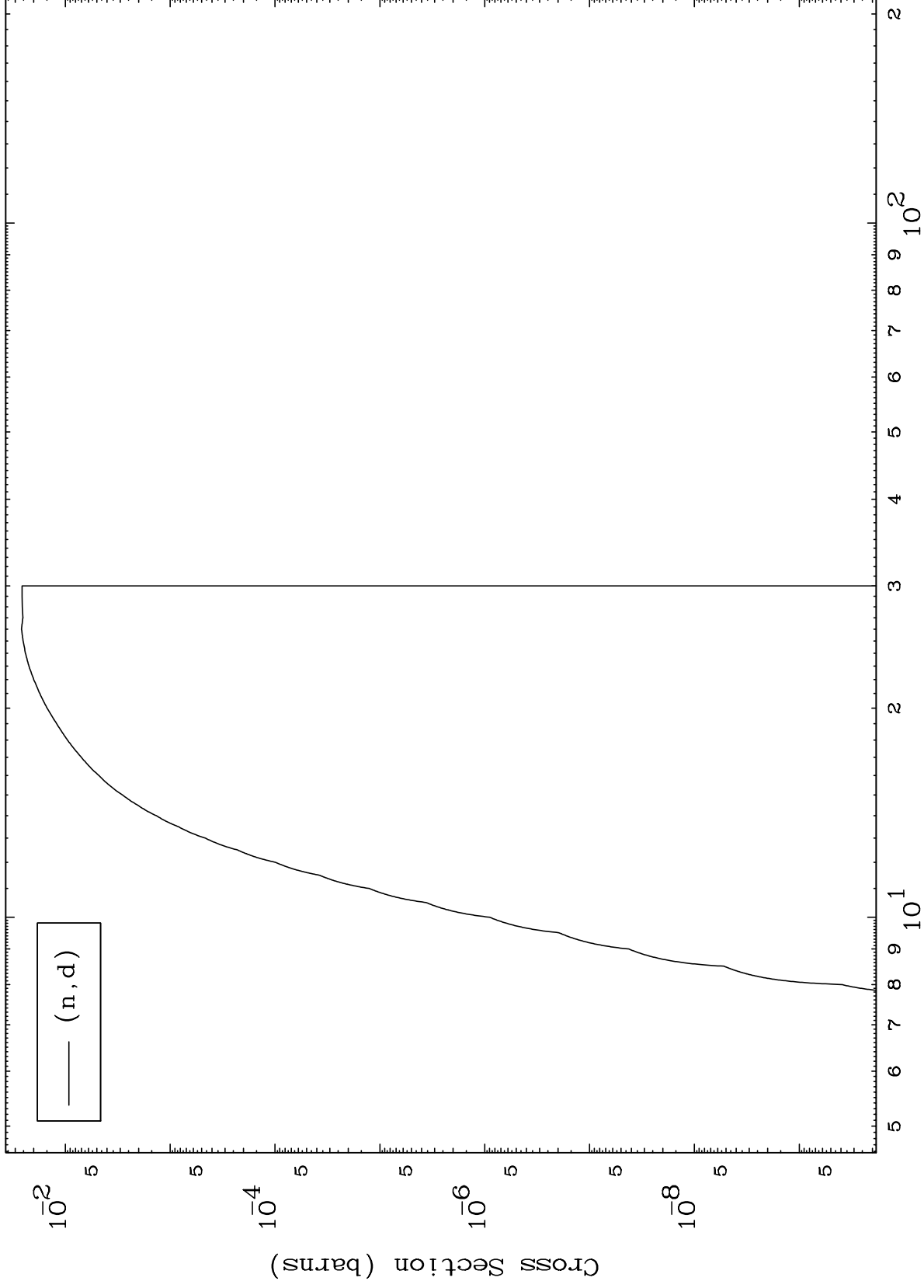
Incident Energy (MeV)

54-Xe-124

MAT 5425

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-124



13

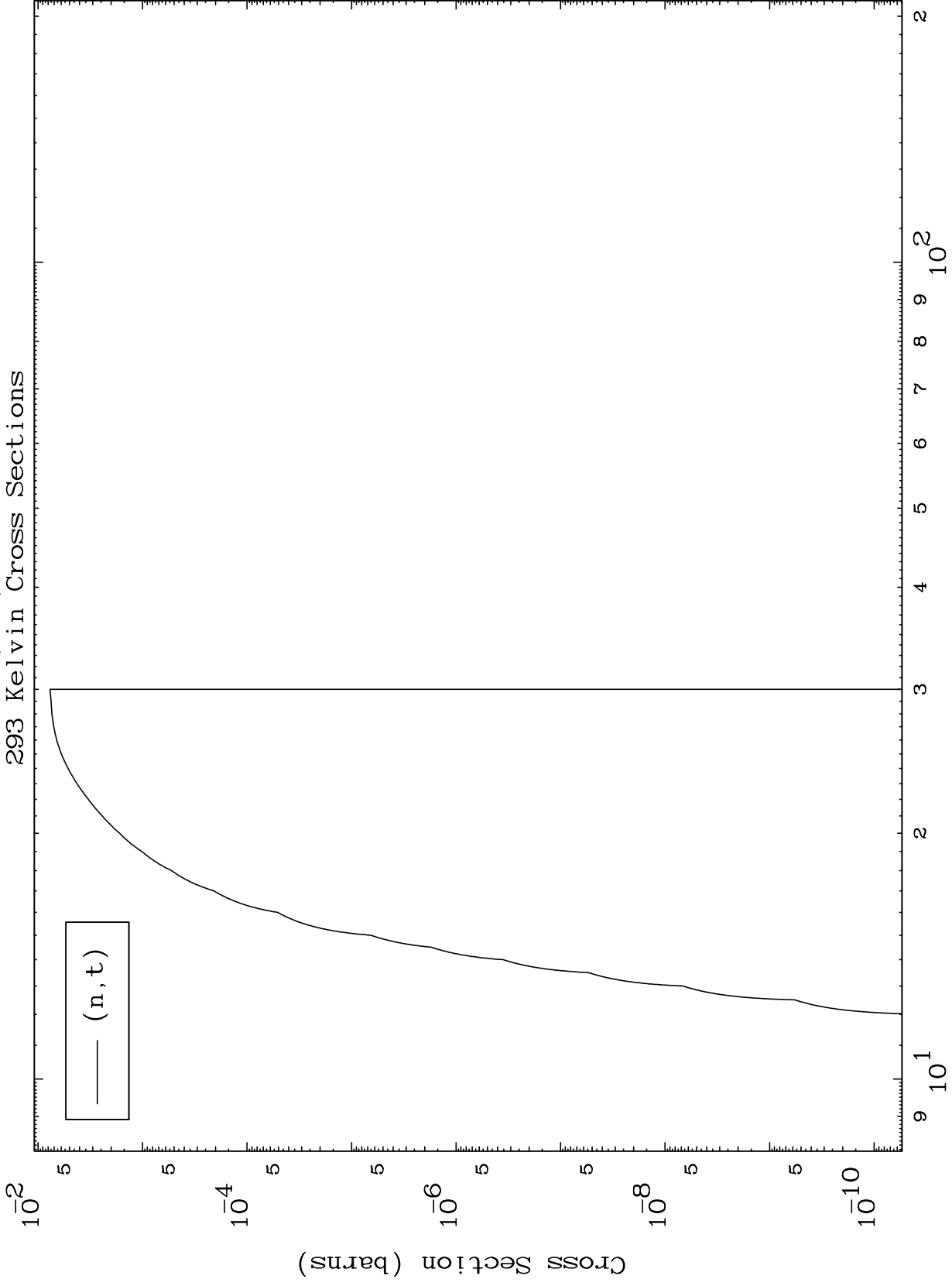
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54-Xe-124

MAT 5425

(n,t) Levels
293 Kelvin Cross Sections

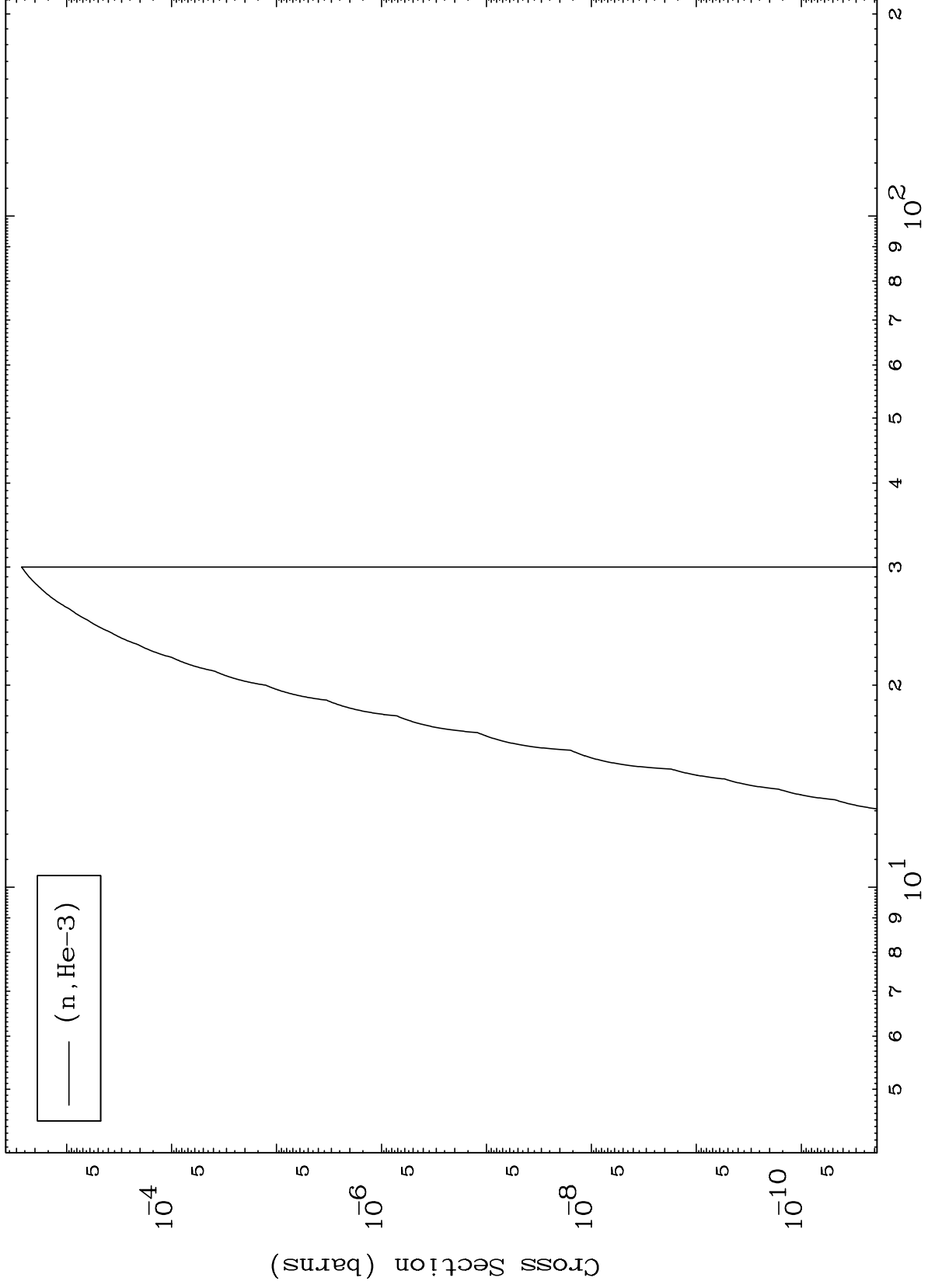
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MAT 5425

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-124



15

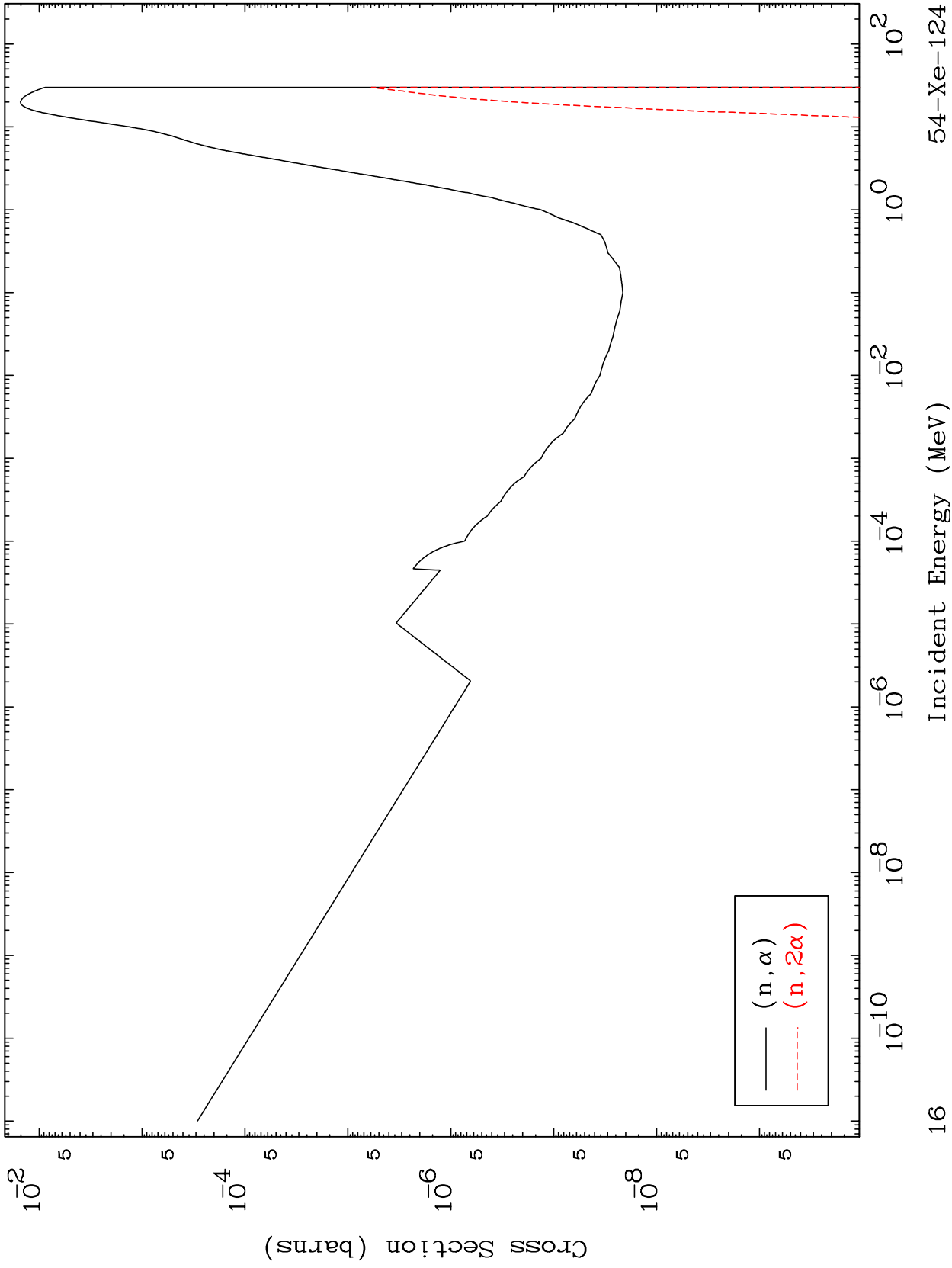
Incident Energy (MeV)

54-Xe-124

MAT 5425

(n, α) Levels
293 Kelvin Cross Sections

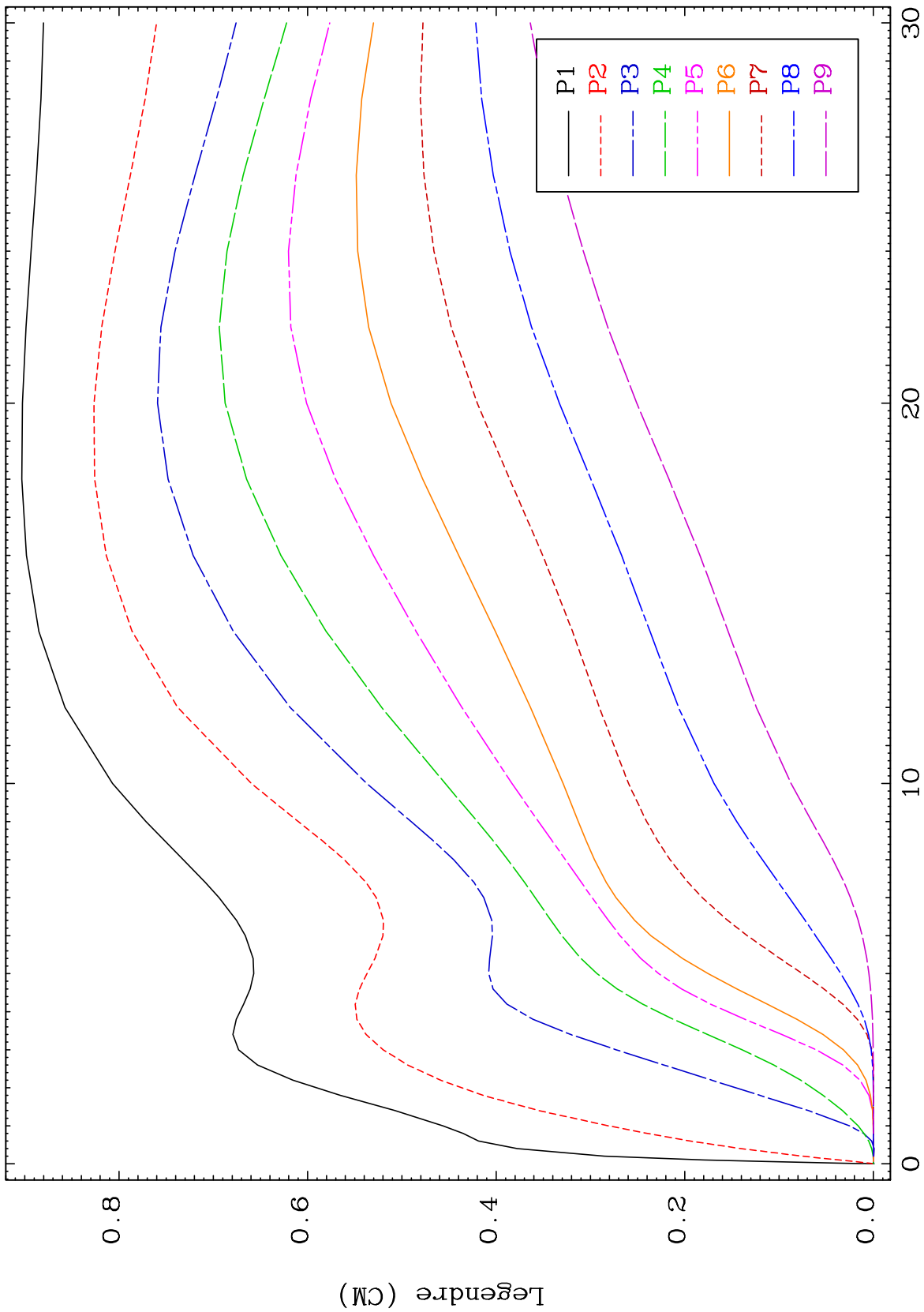
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MAT 5425

Elastic Legendre Coefficients

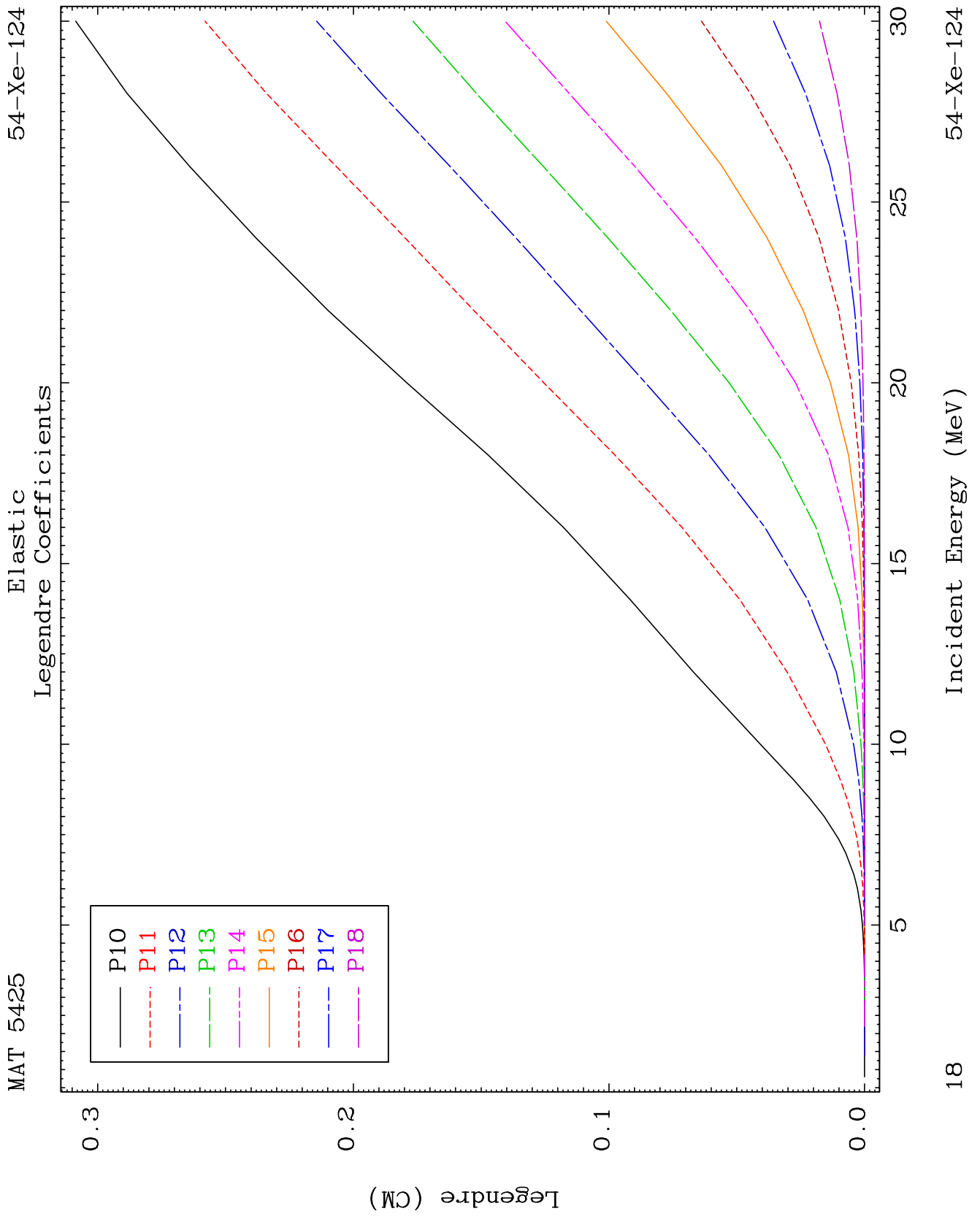
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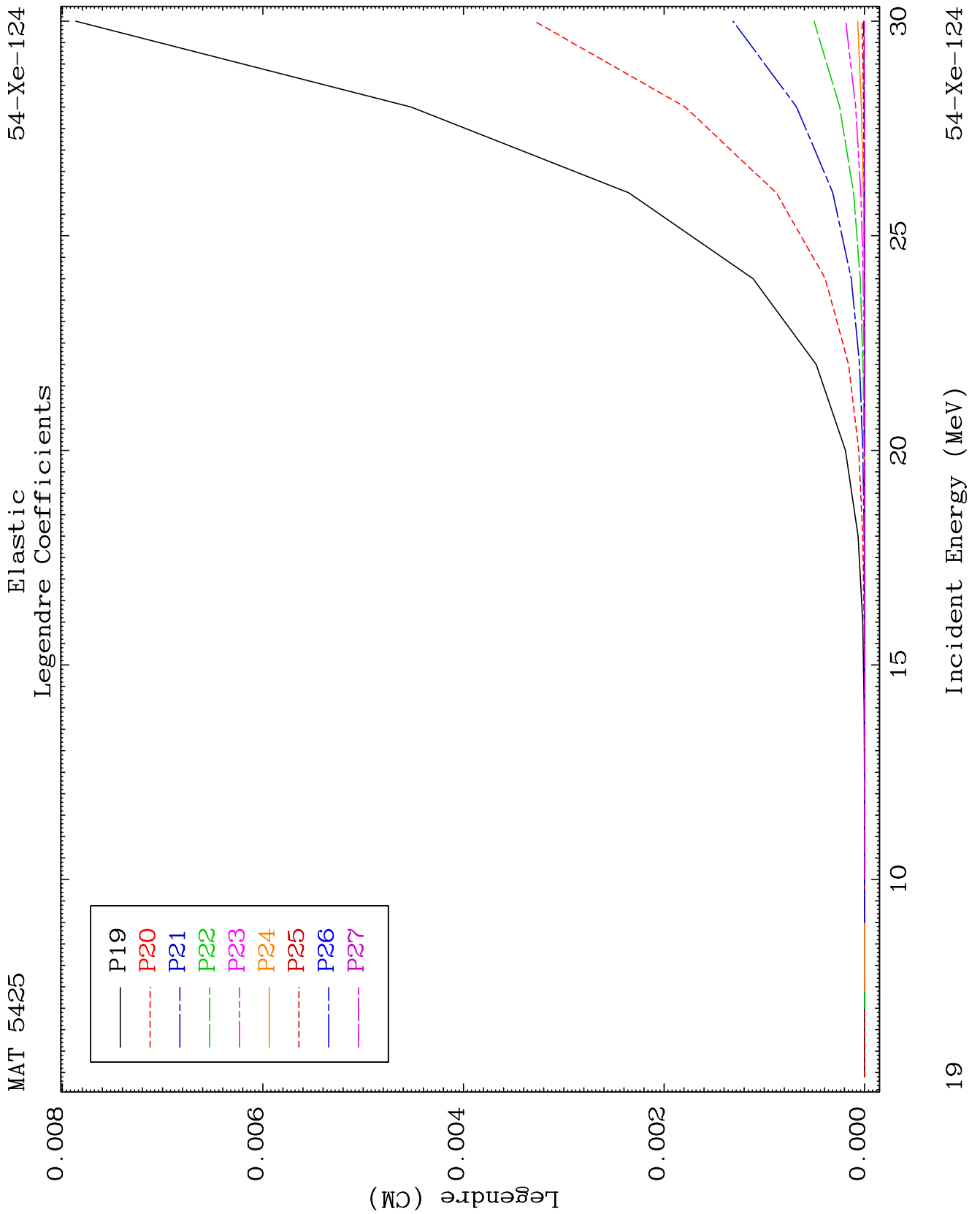


17

Incident Energy (MeV)

54-Xe-124

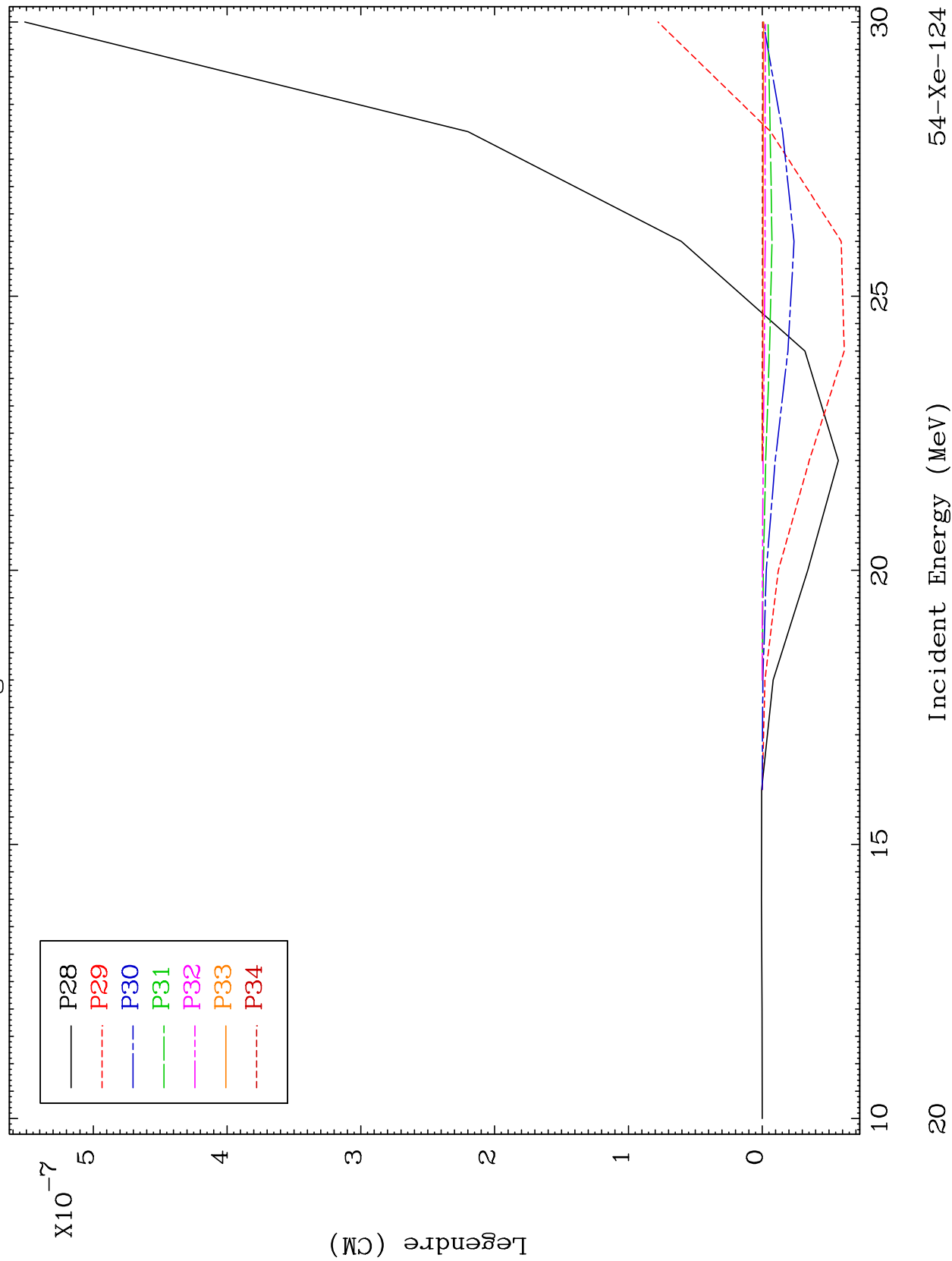




MAT 5425

Elastic Legendre Coefficients

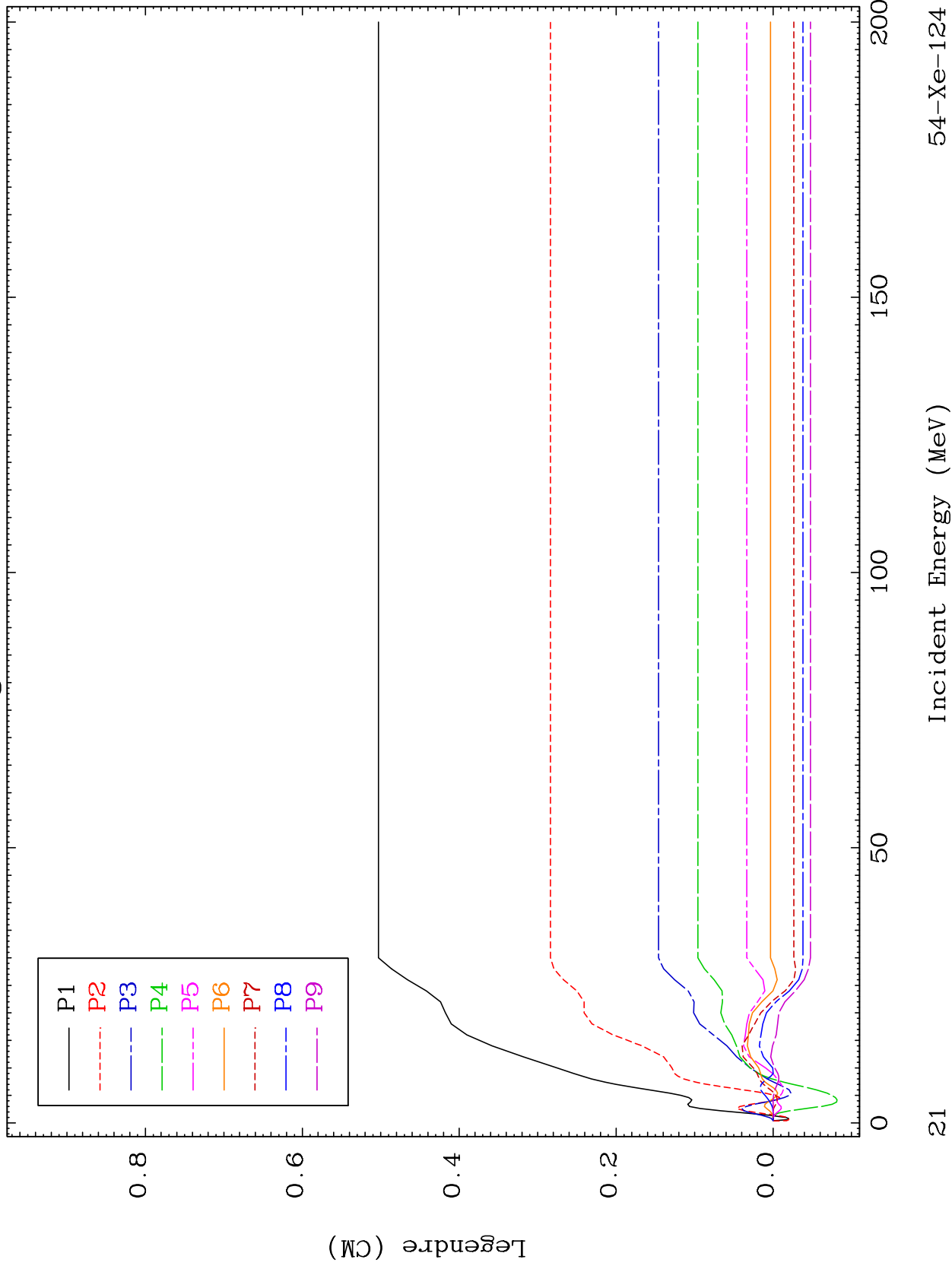
54-Xe-124



MAT 5425

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

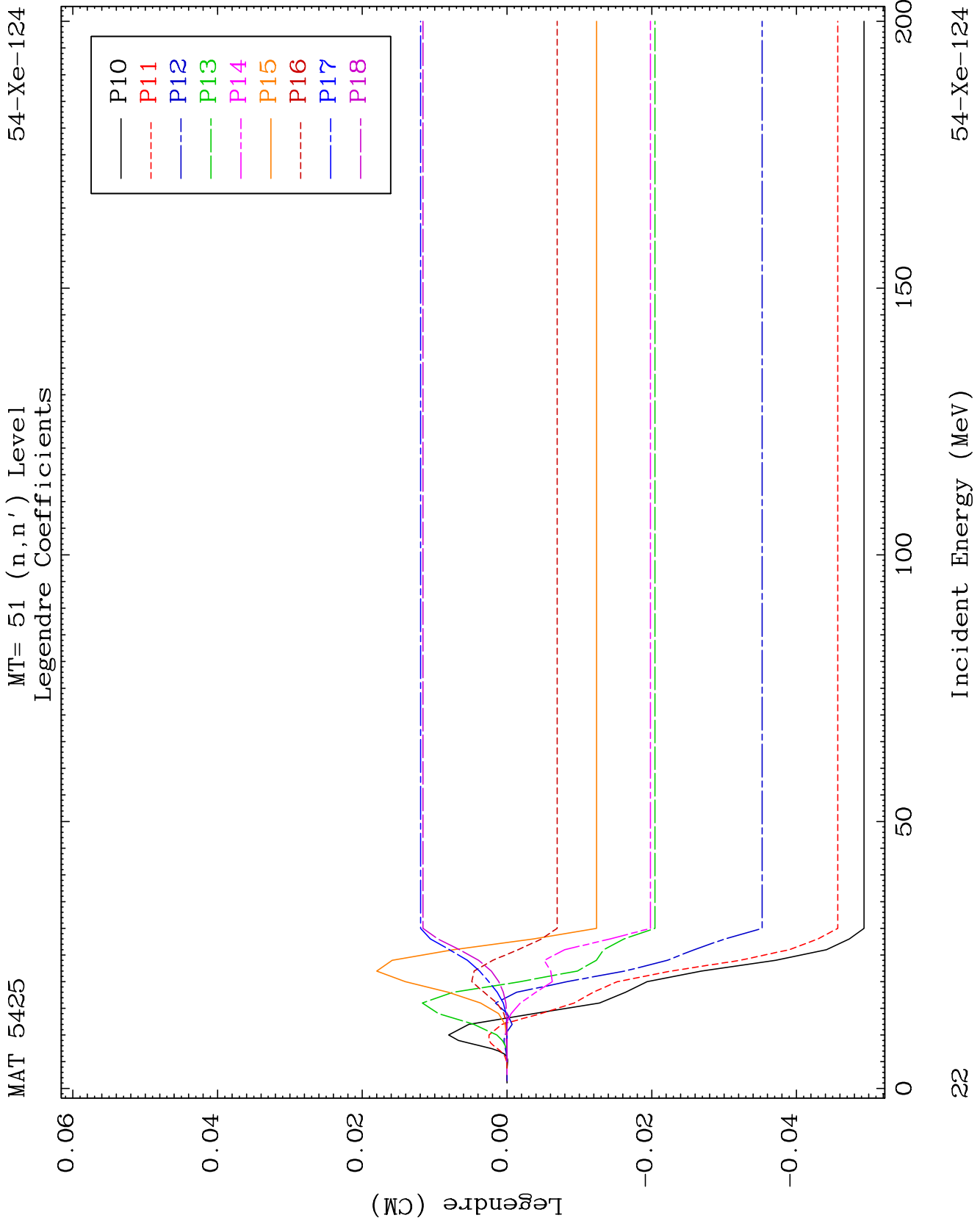
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21

Incident Energy (MeV)

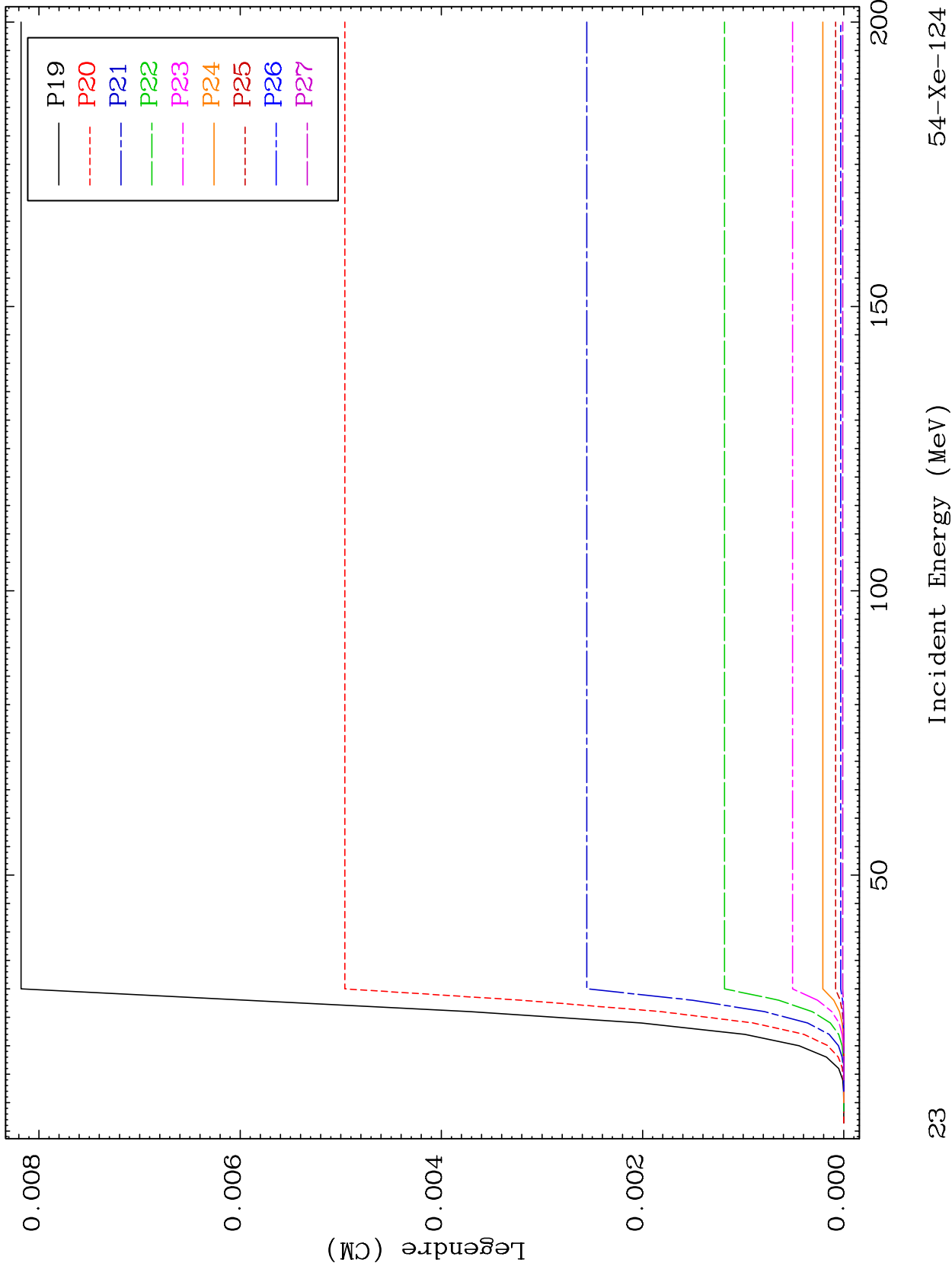
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MAT 5425

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

54-Xe-124



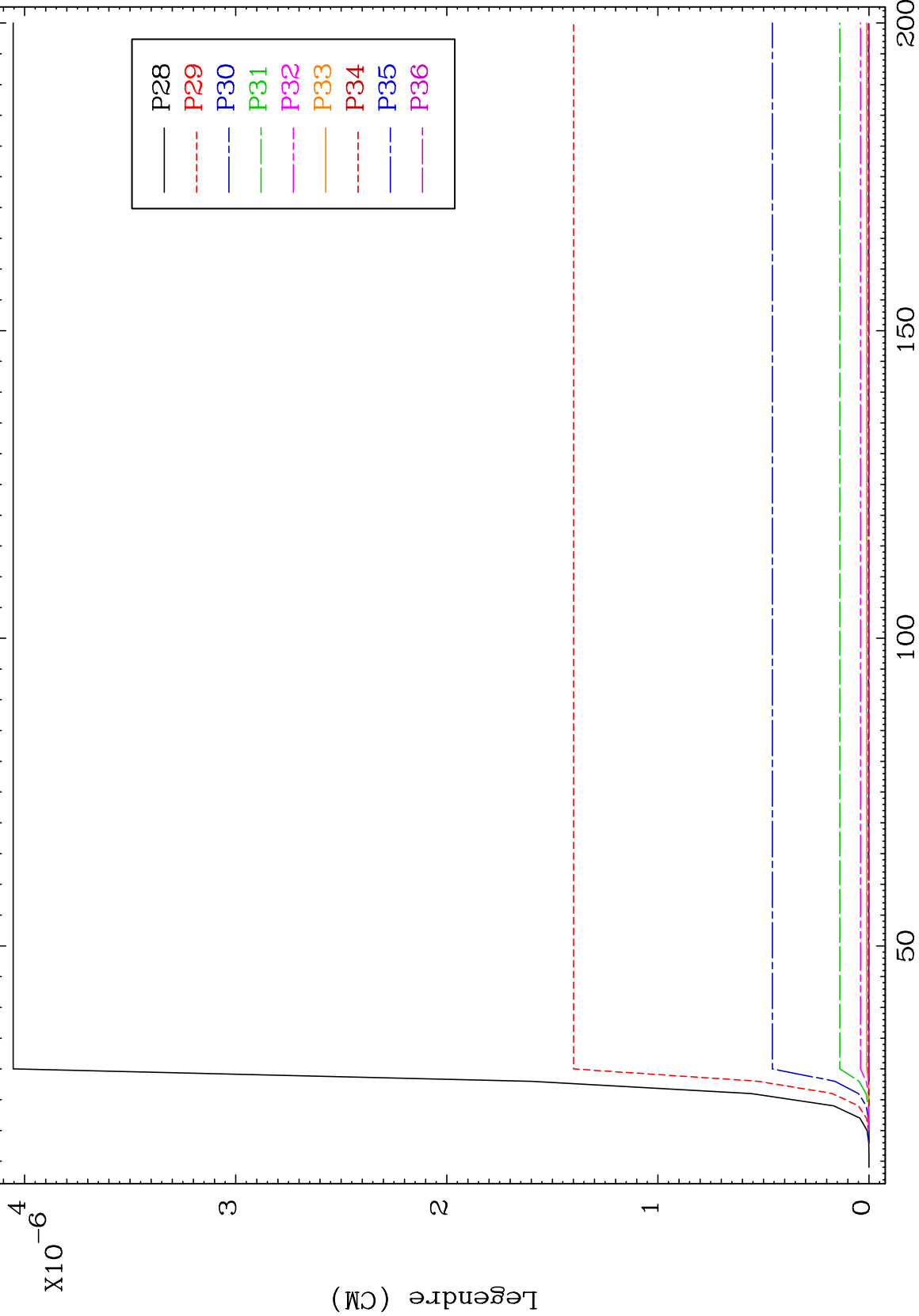
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54-Xe-124

MAT 5425

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

54-Xe-124



24

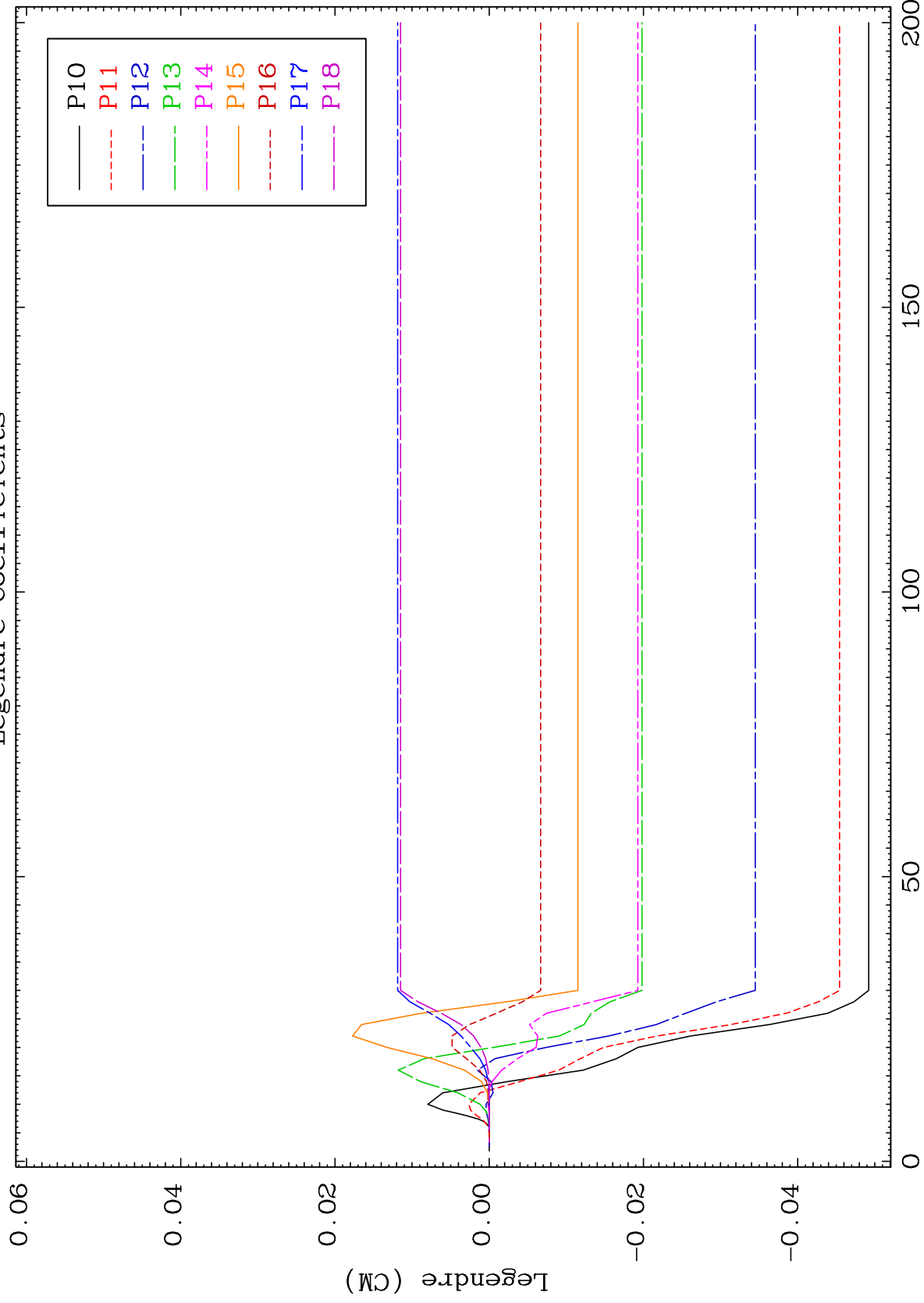
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



26

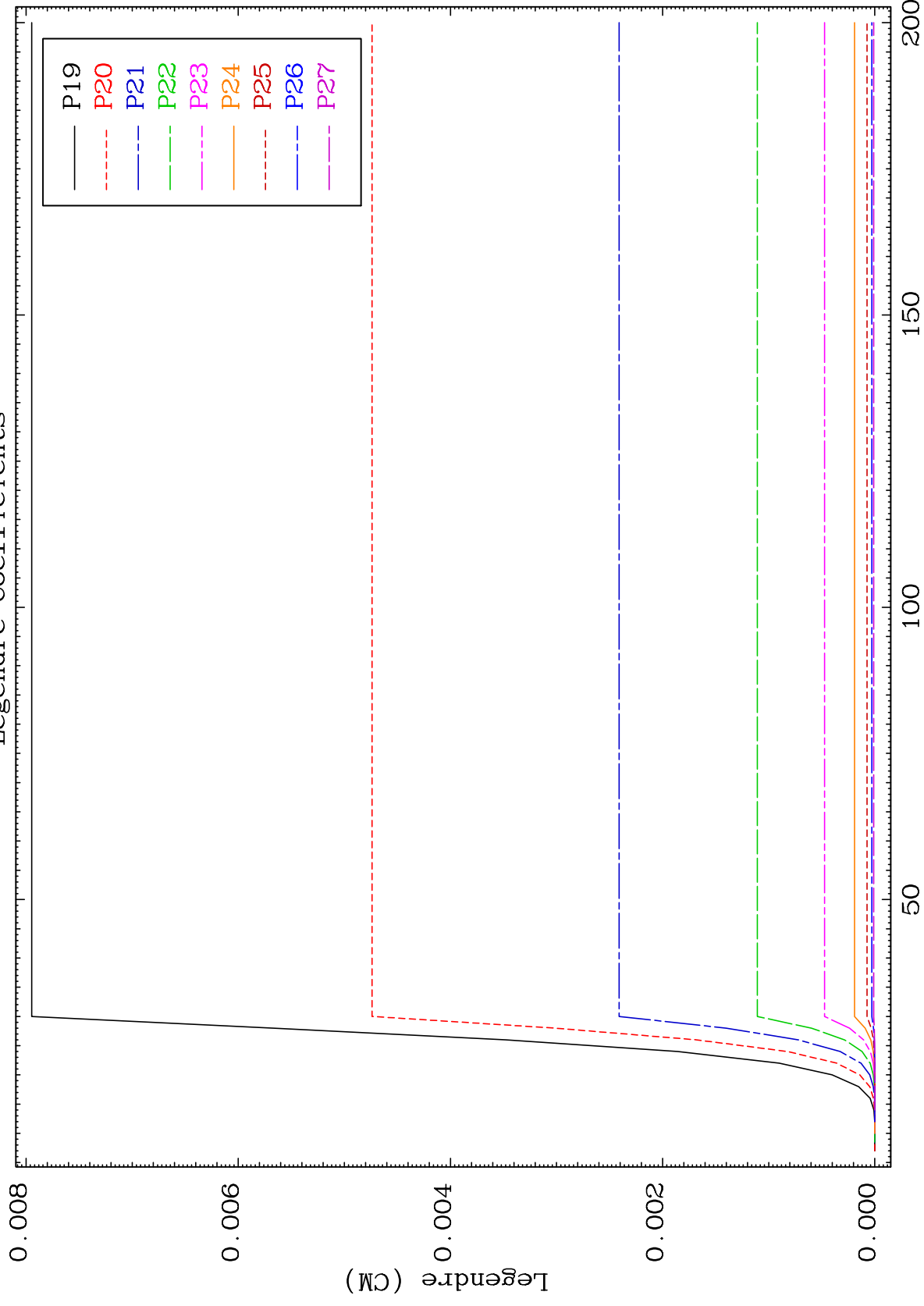
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



27

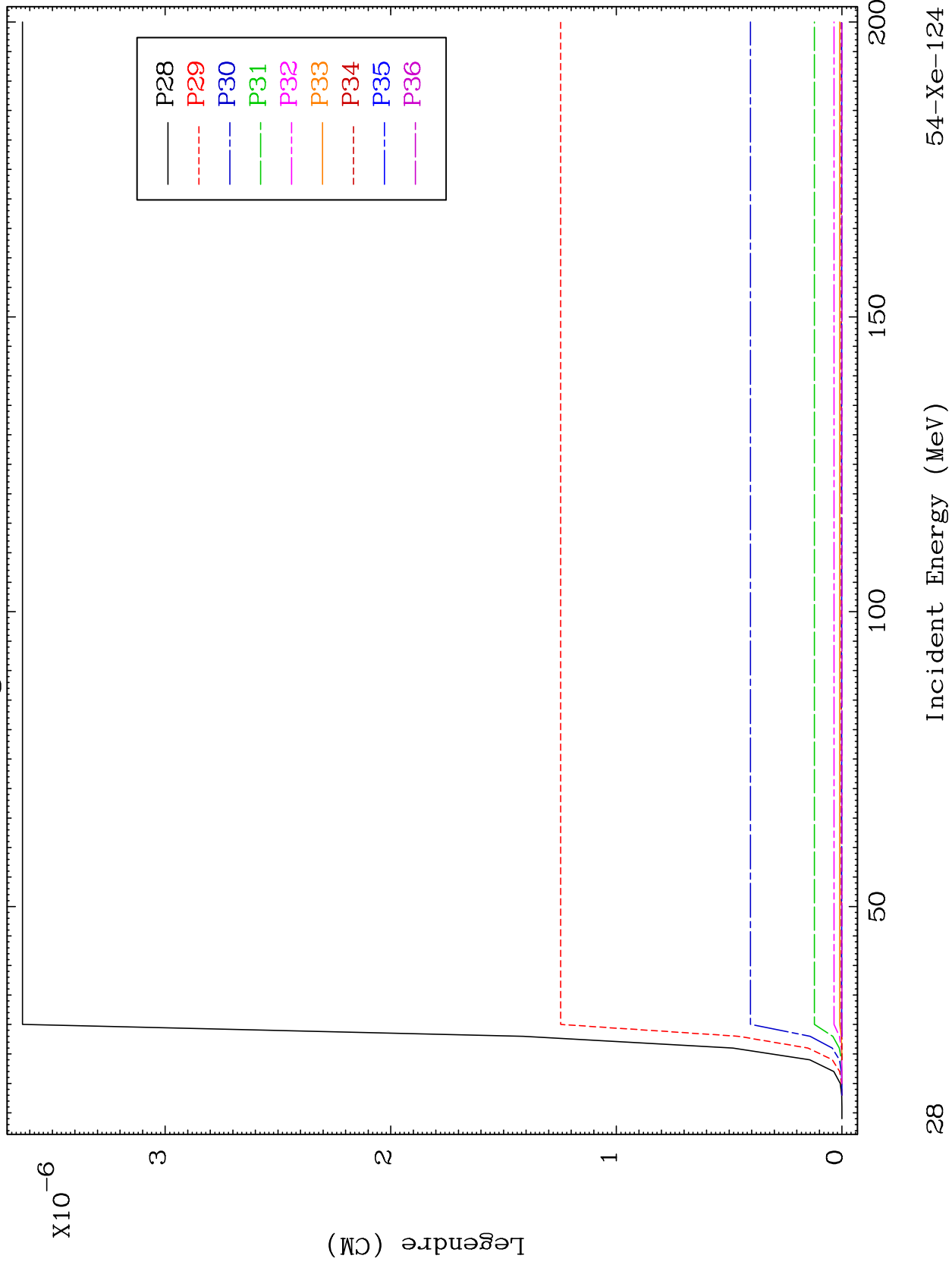
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



28

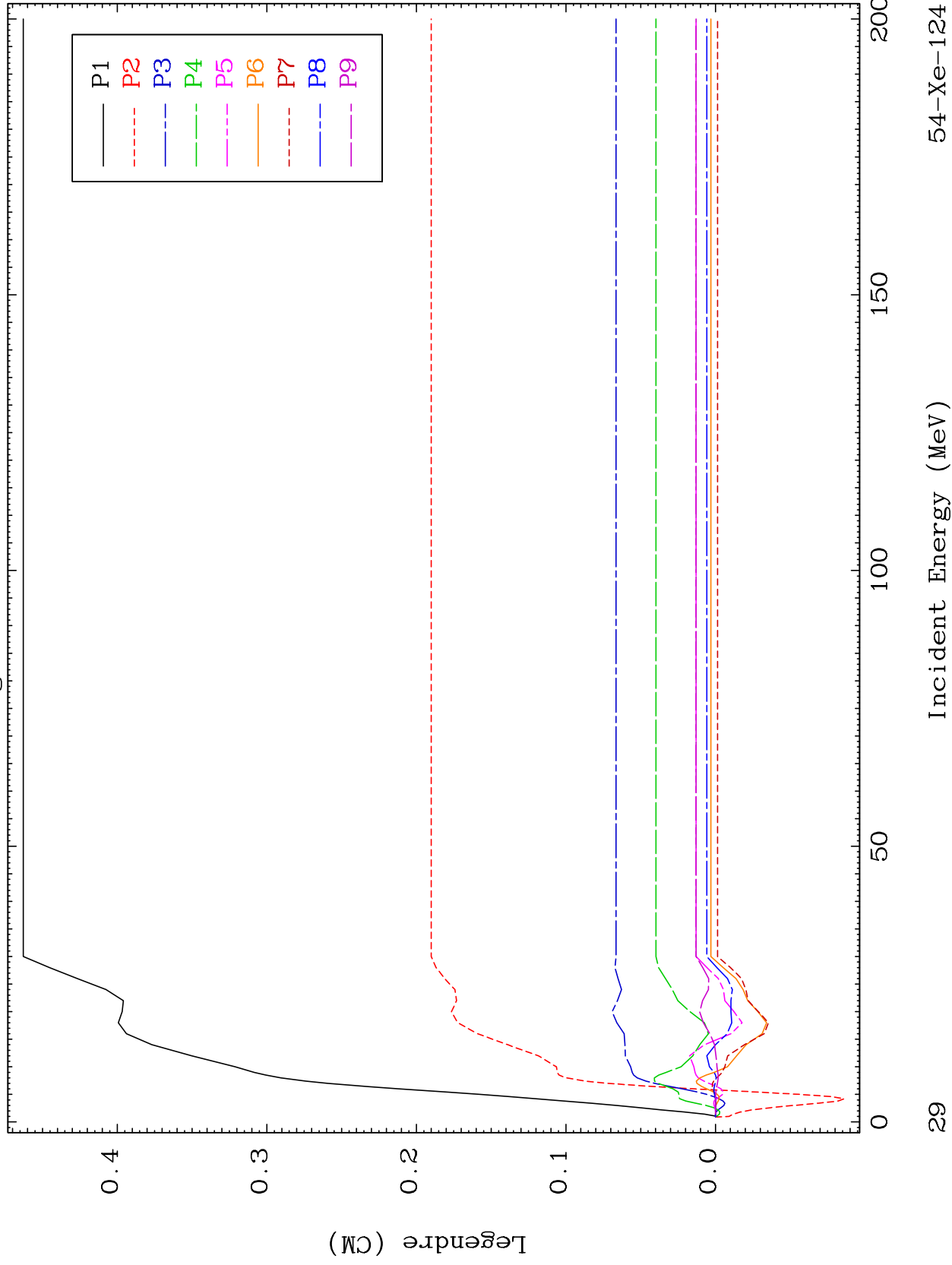
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



54-Xe-124

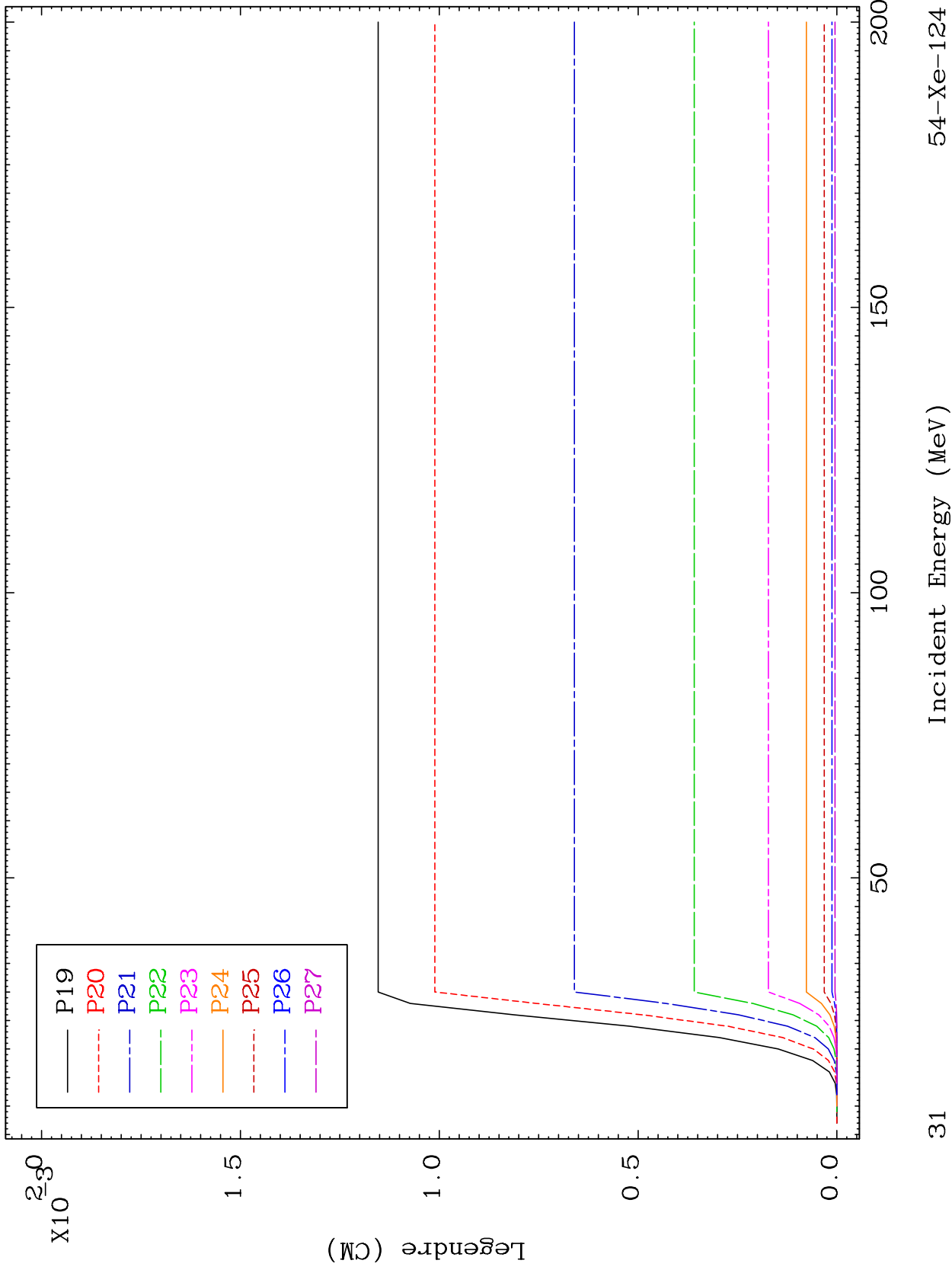
Incident Energy (MeV)

29

MAT 5425

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

54-Xe-124

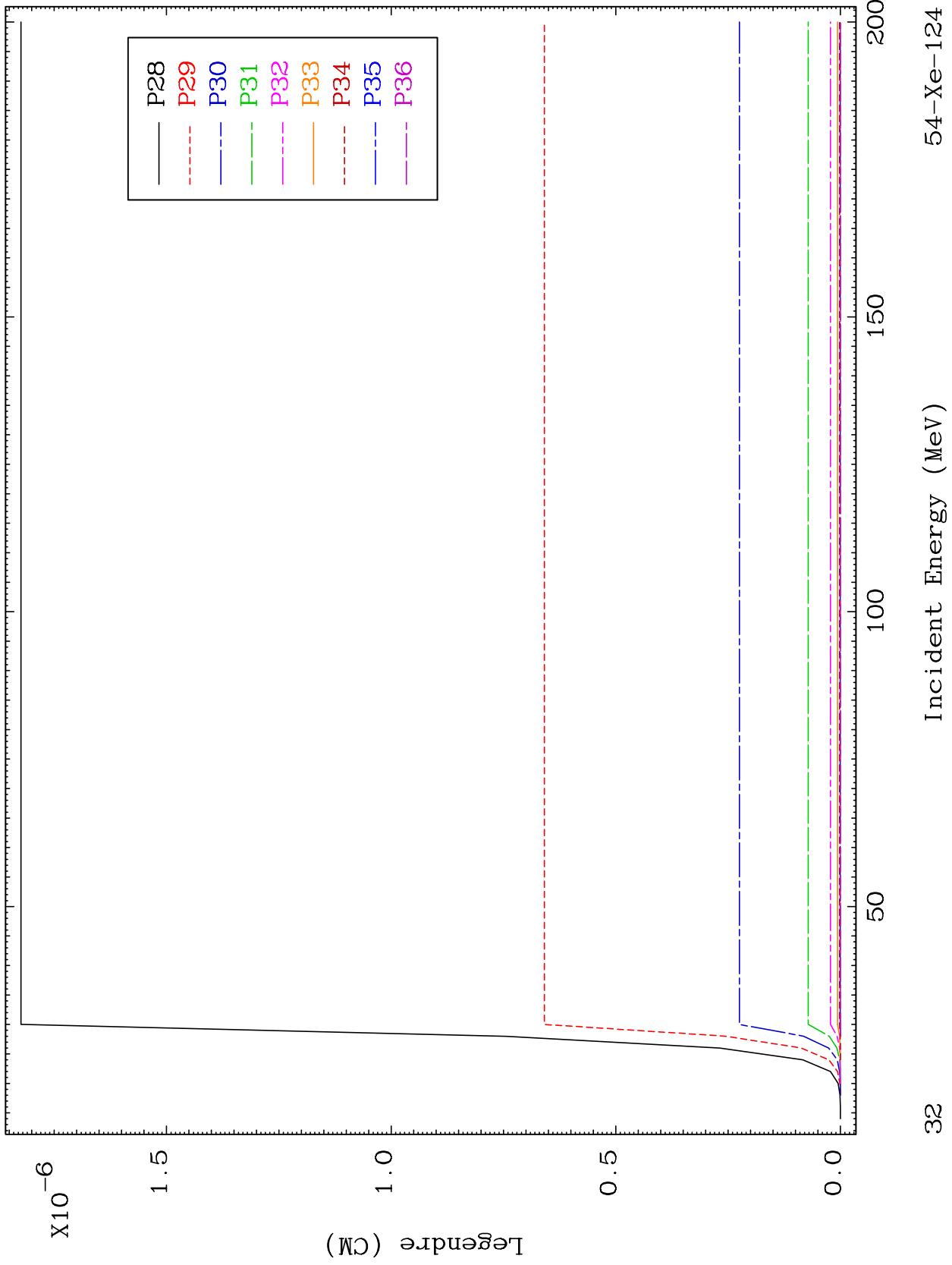


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MAT 5425

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

54-Xe-124

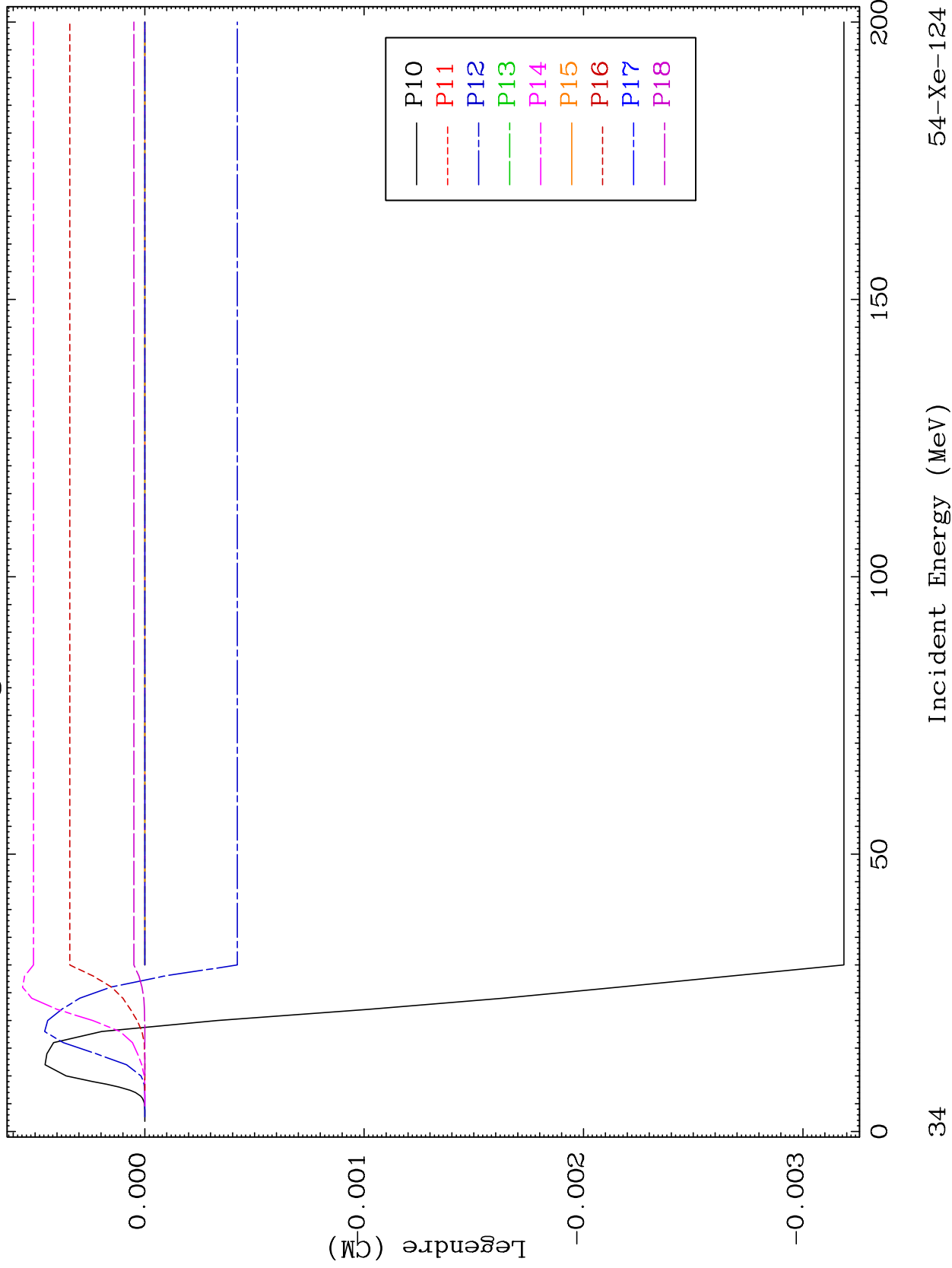


32

MAT 5425

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

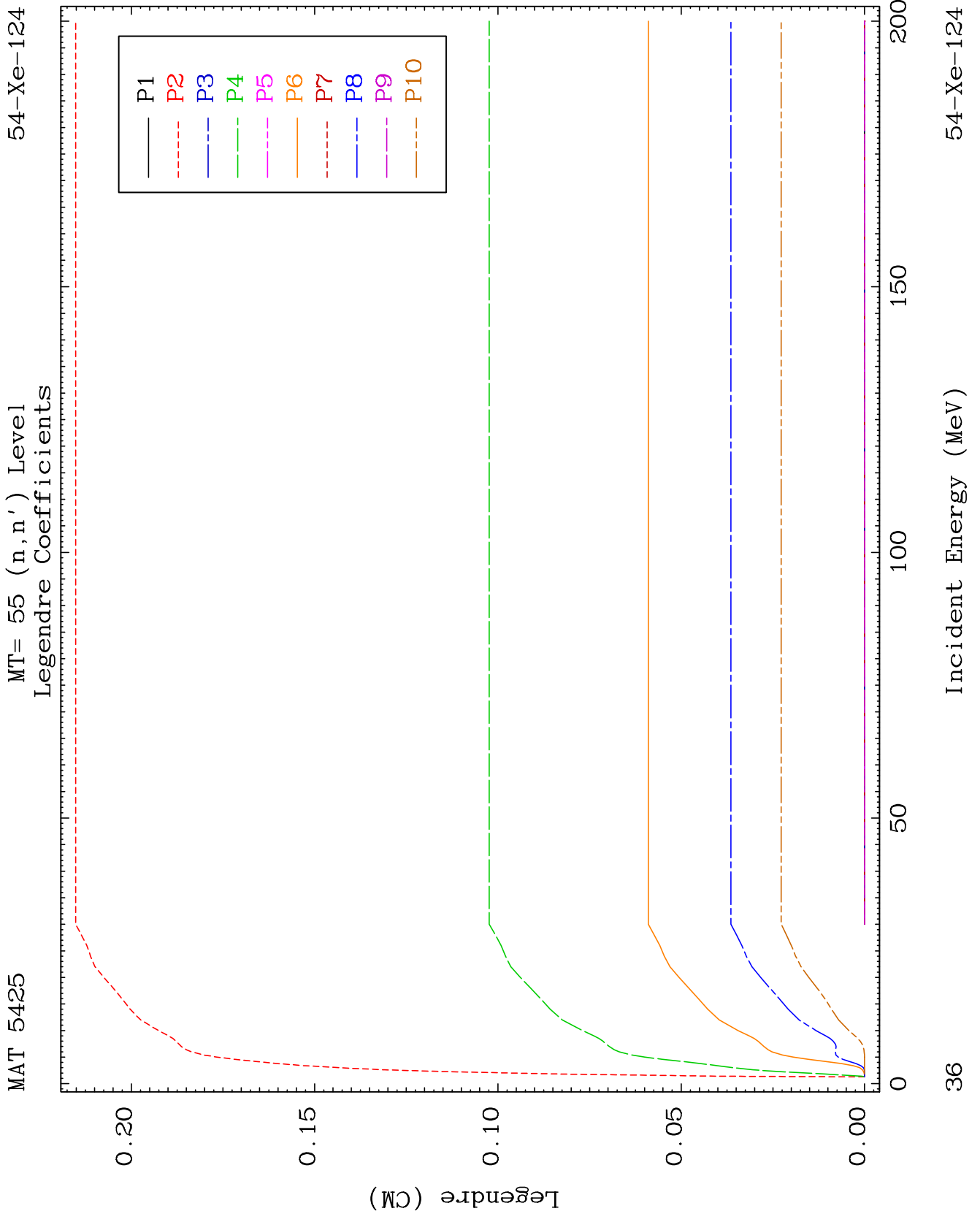
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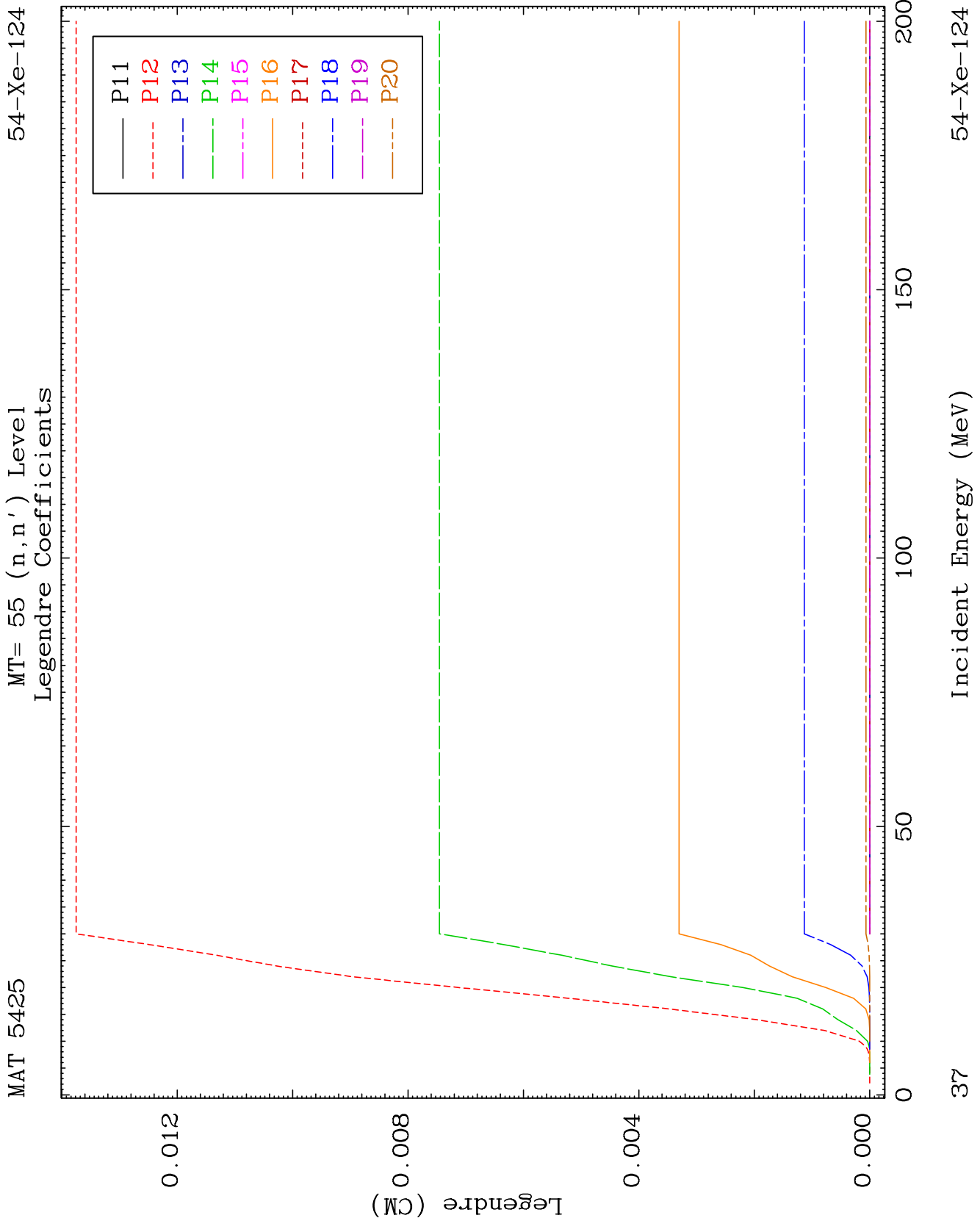


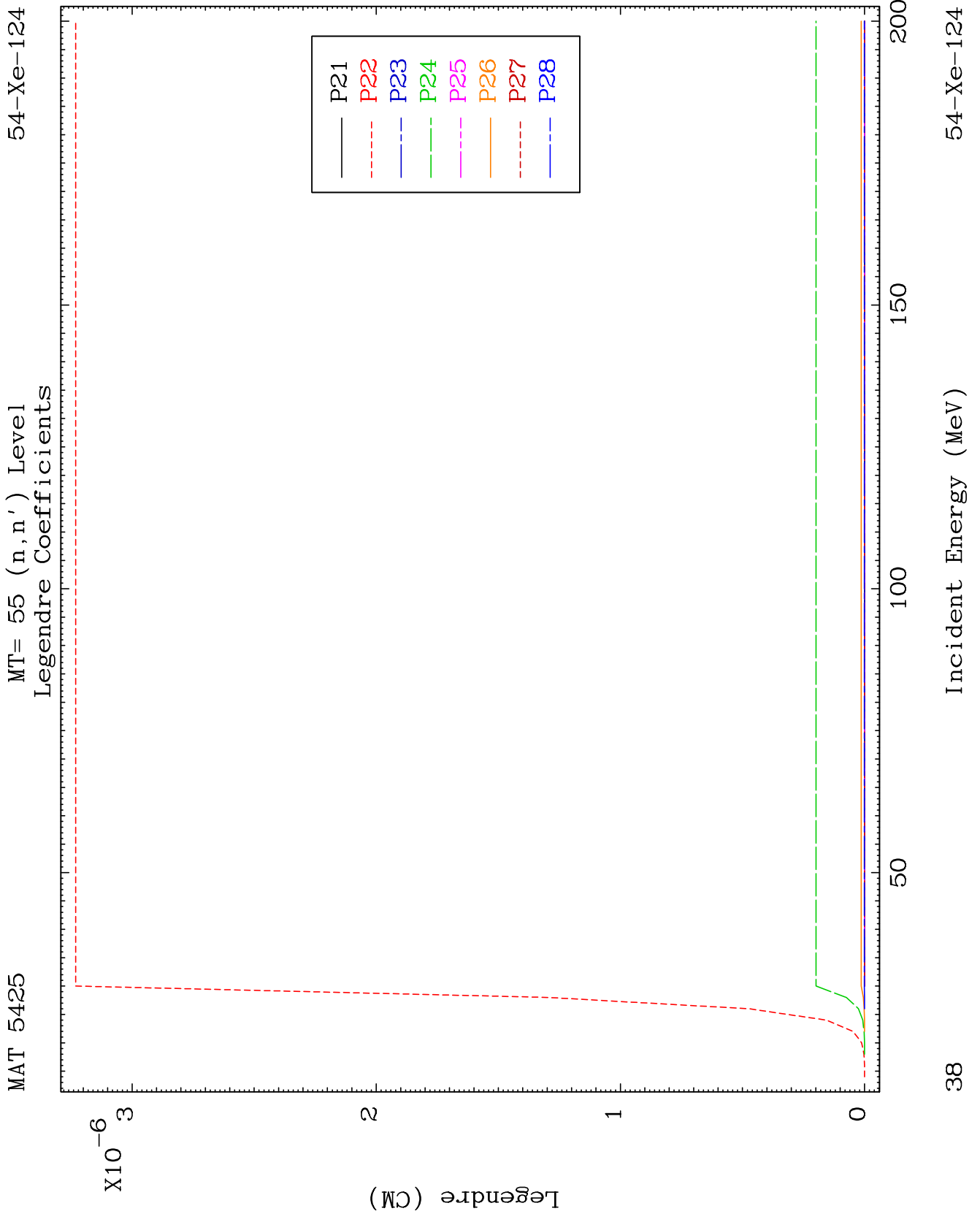
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Incident Energy (MeV)

54-Xe-124



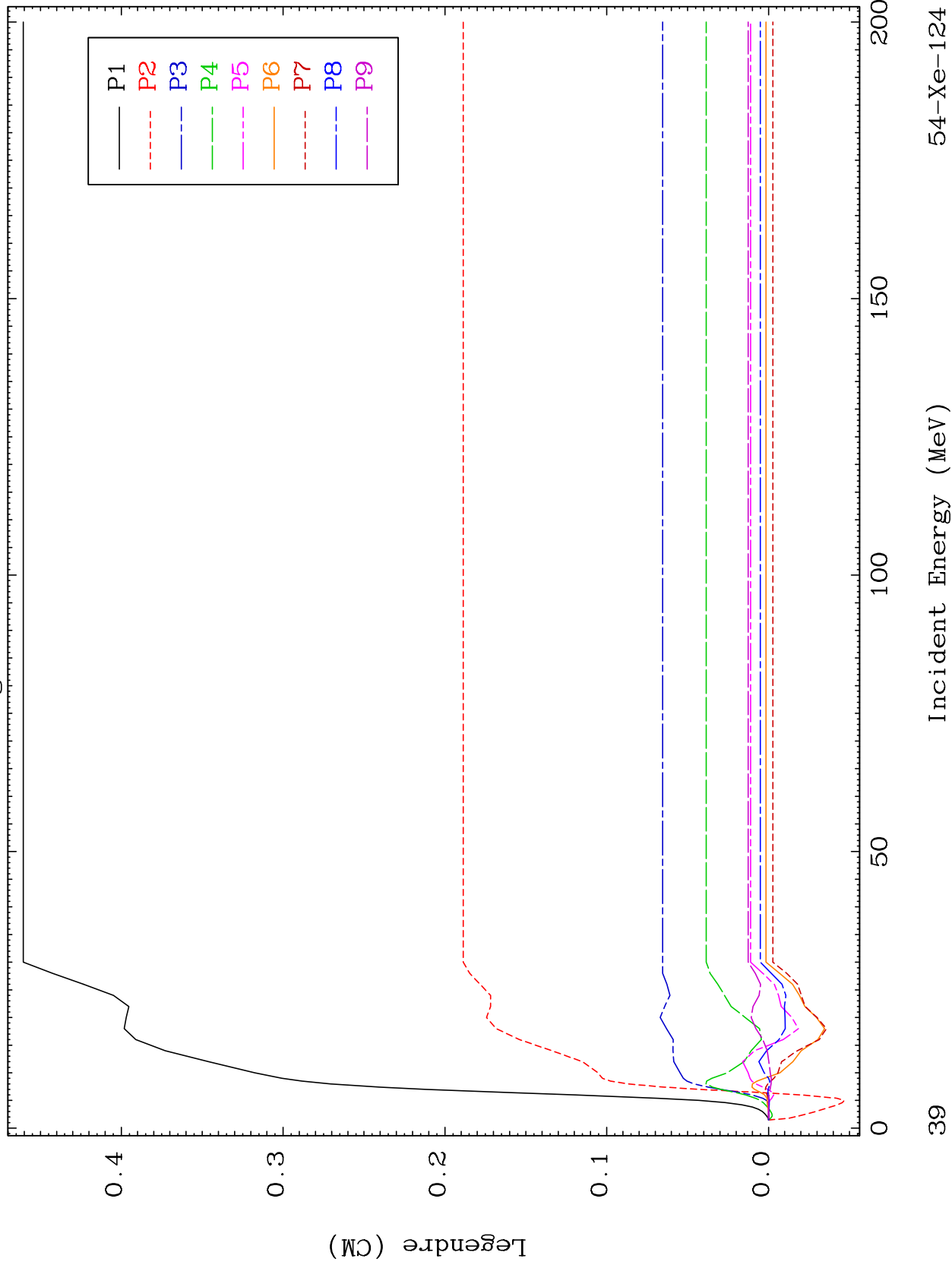




MAT 5425

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

54-Xe-124



54-Xe-124

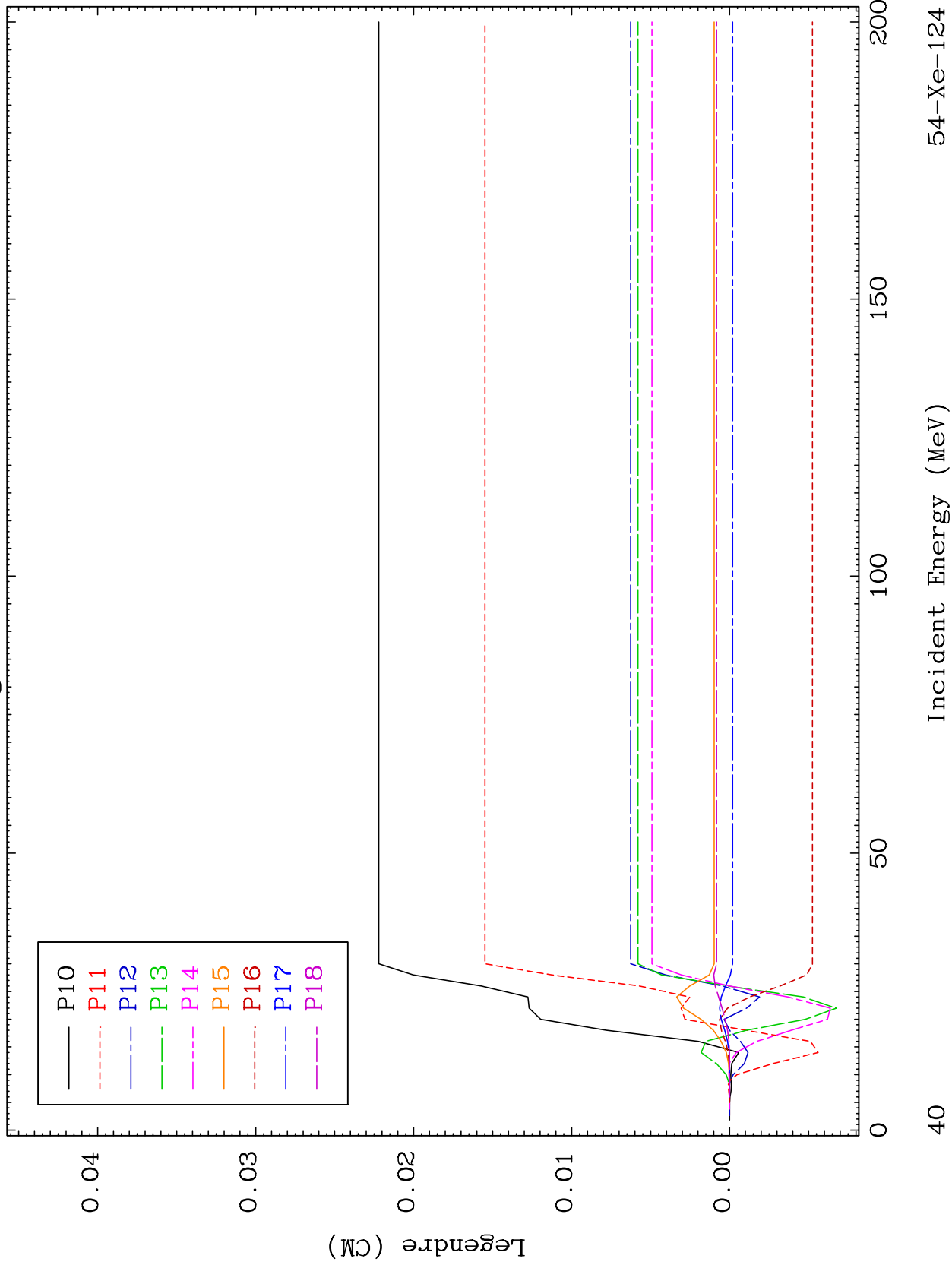
Incident Energy (MeV)

39

MAT 5425

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

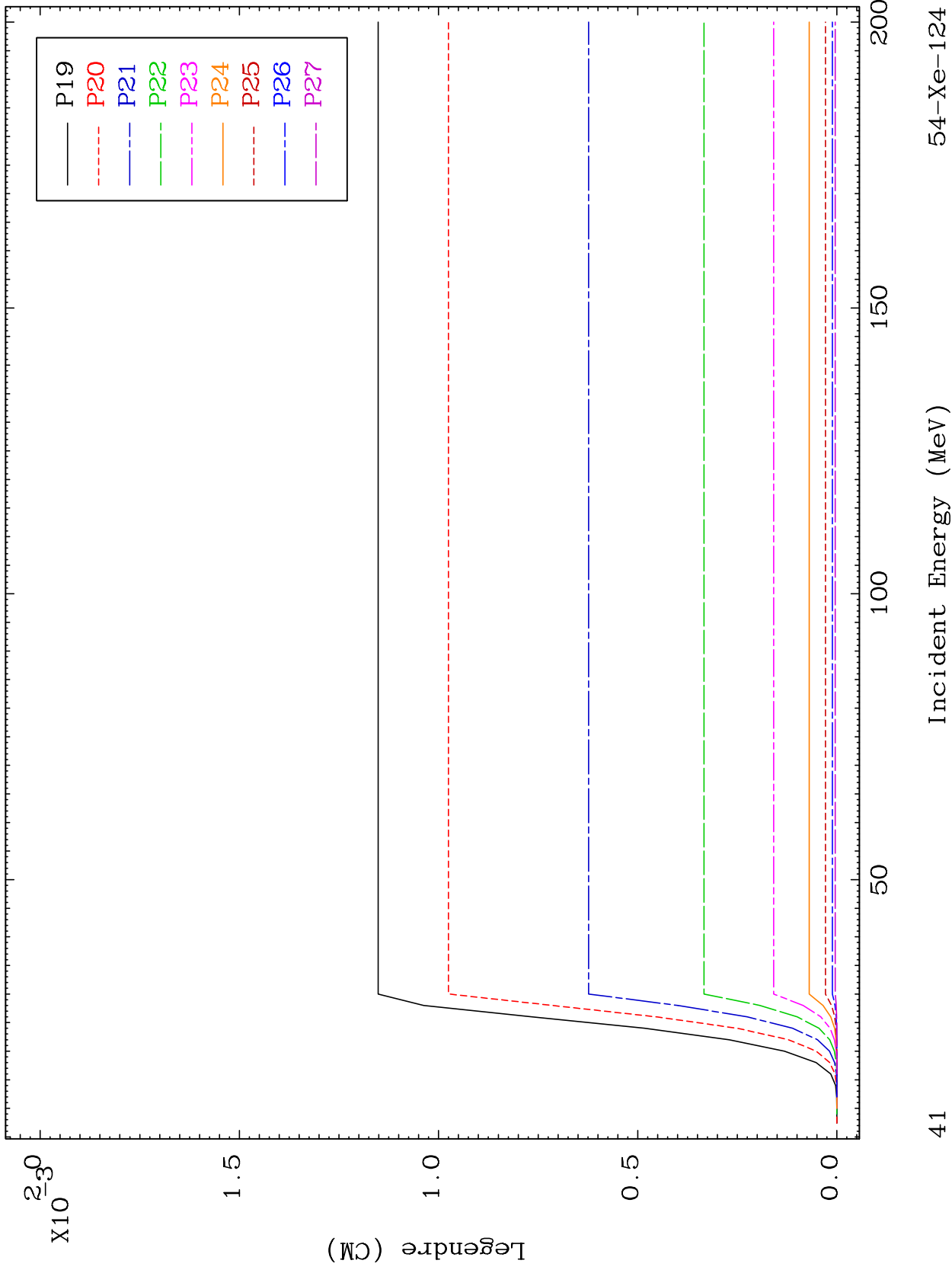
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MAT 5425

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

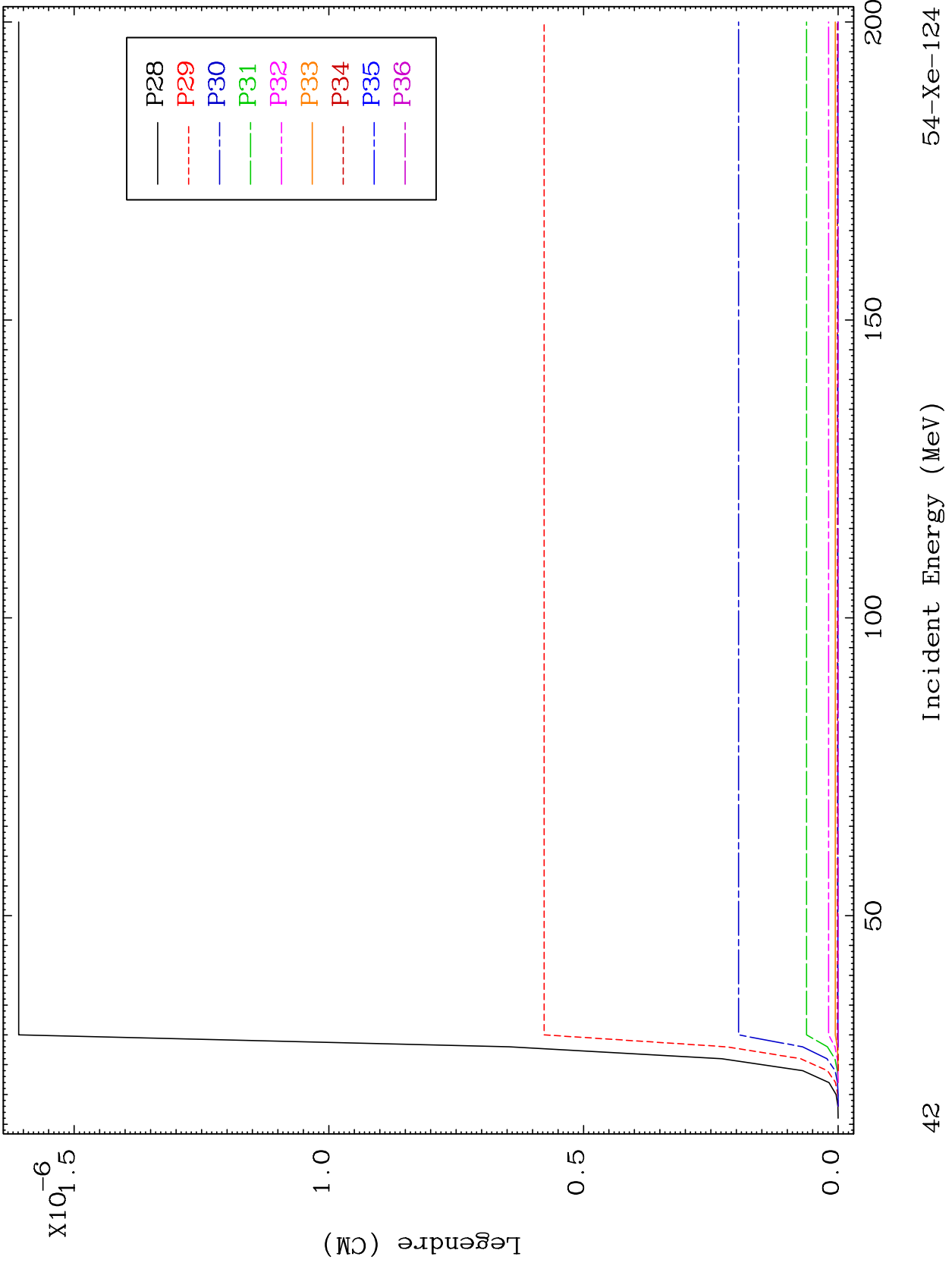
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MAT 5425

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

54-Xe-124



42

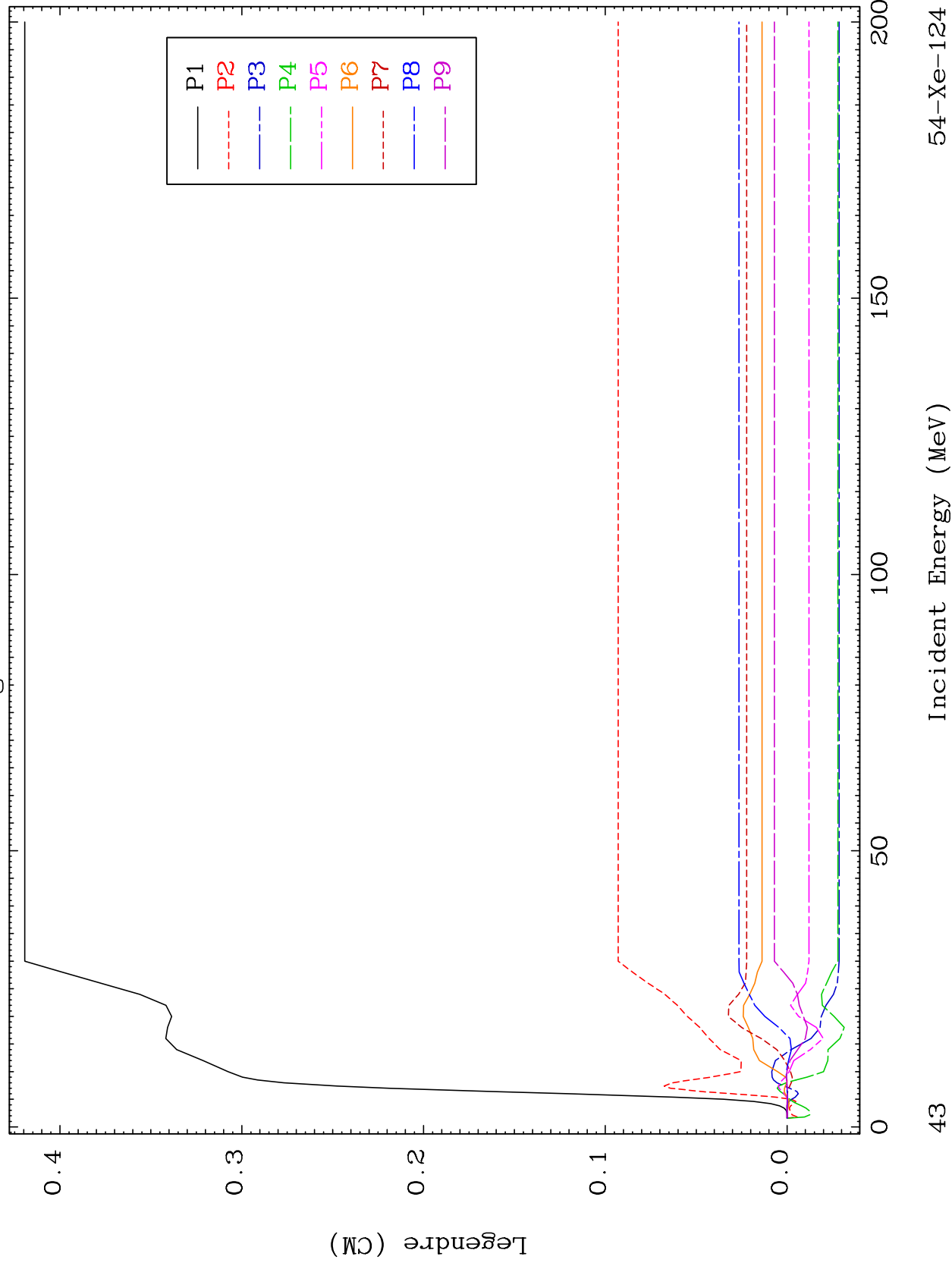
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



43

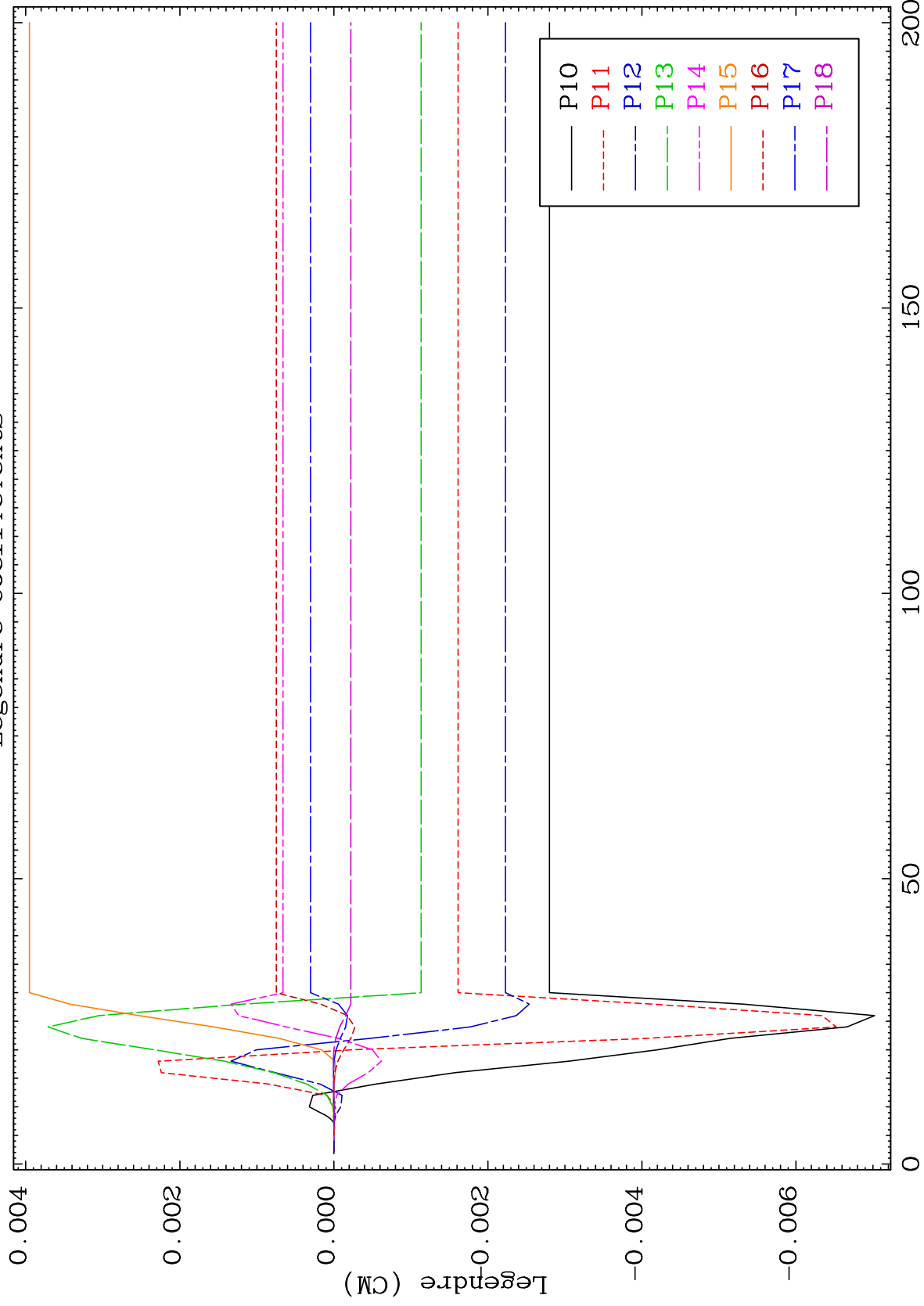
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

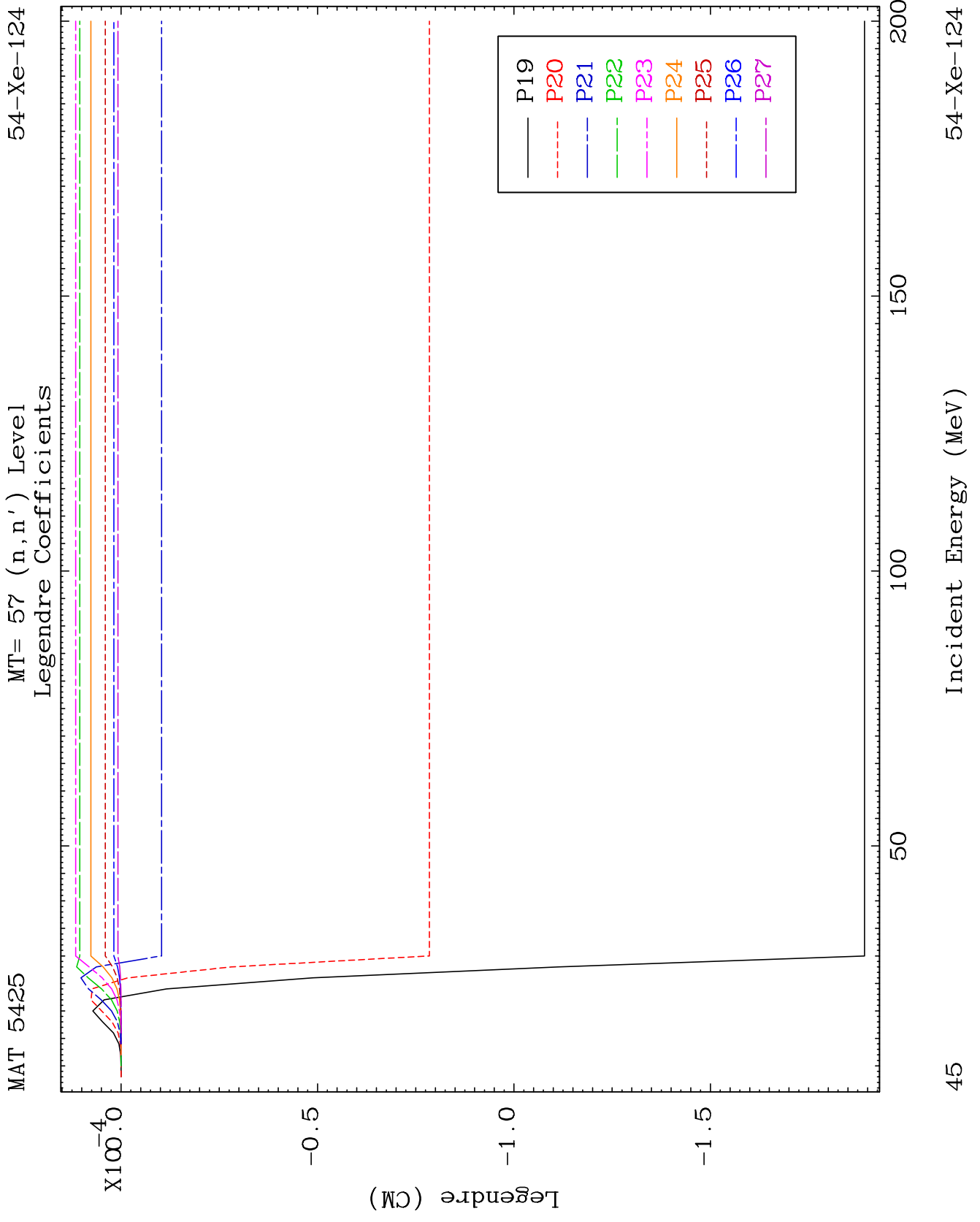
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44

Incident Energy (MeV)

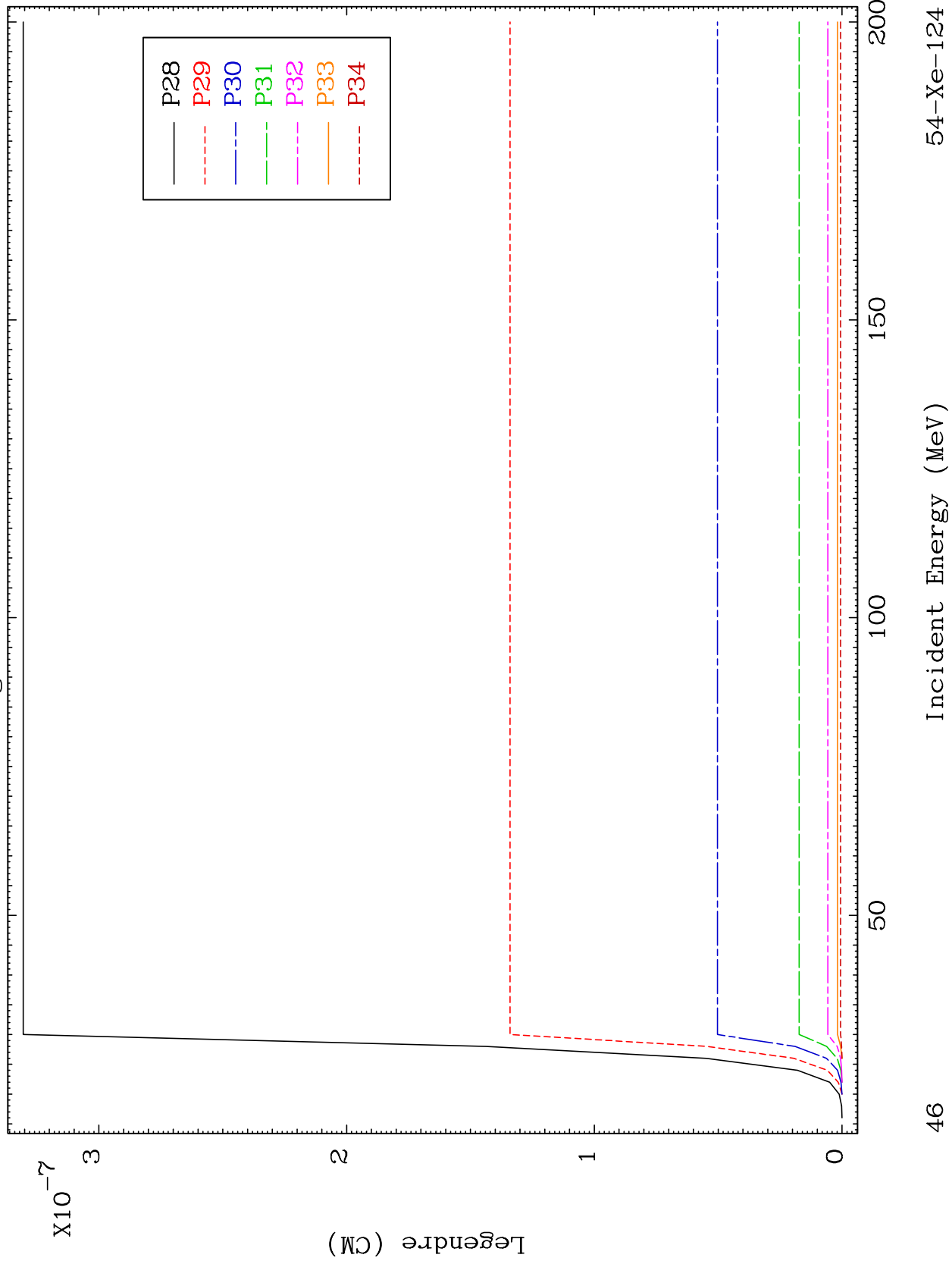
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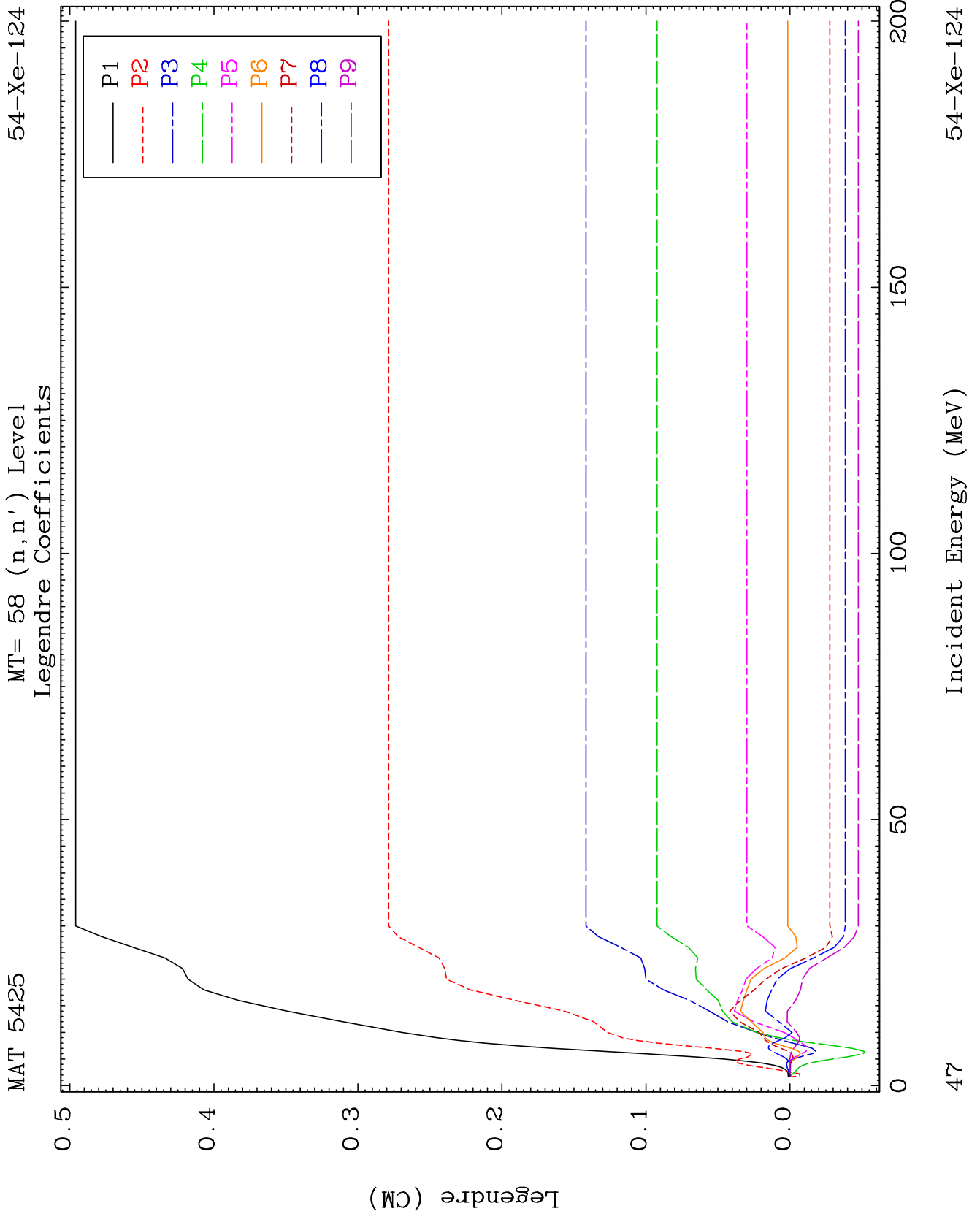


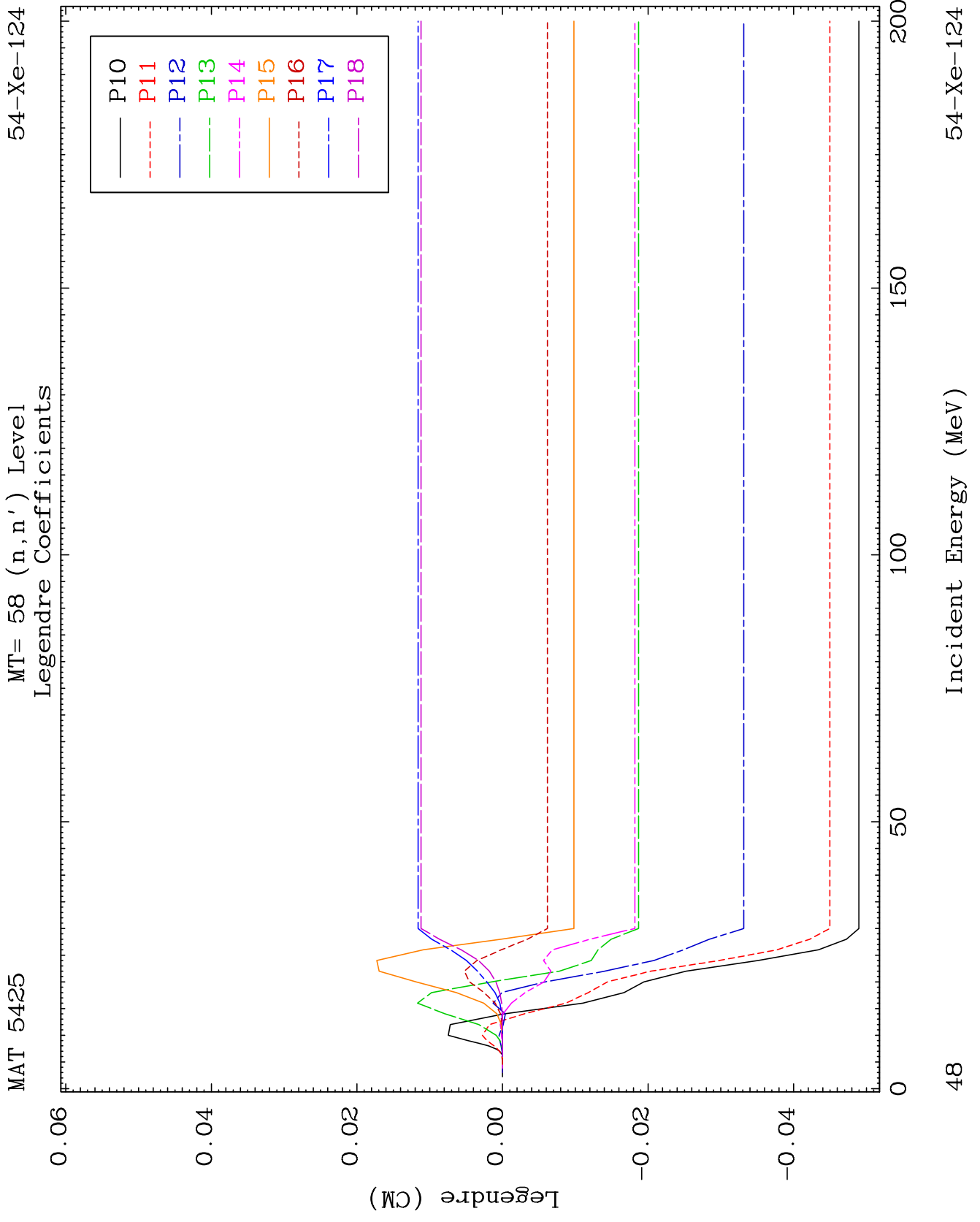
MAT 5425

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

54-Xe-124



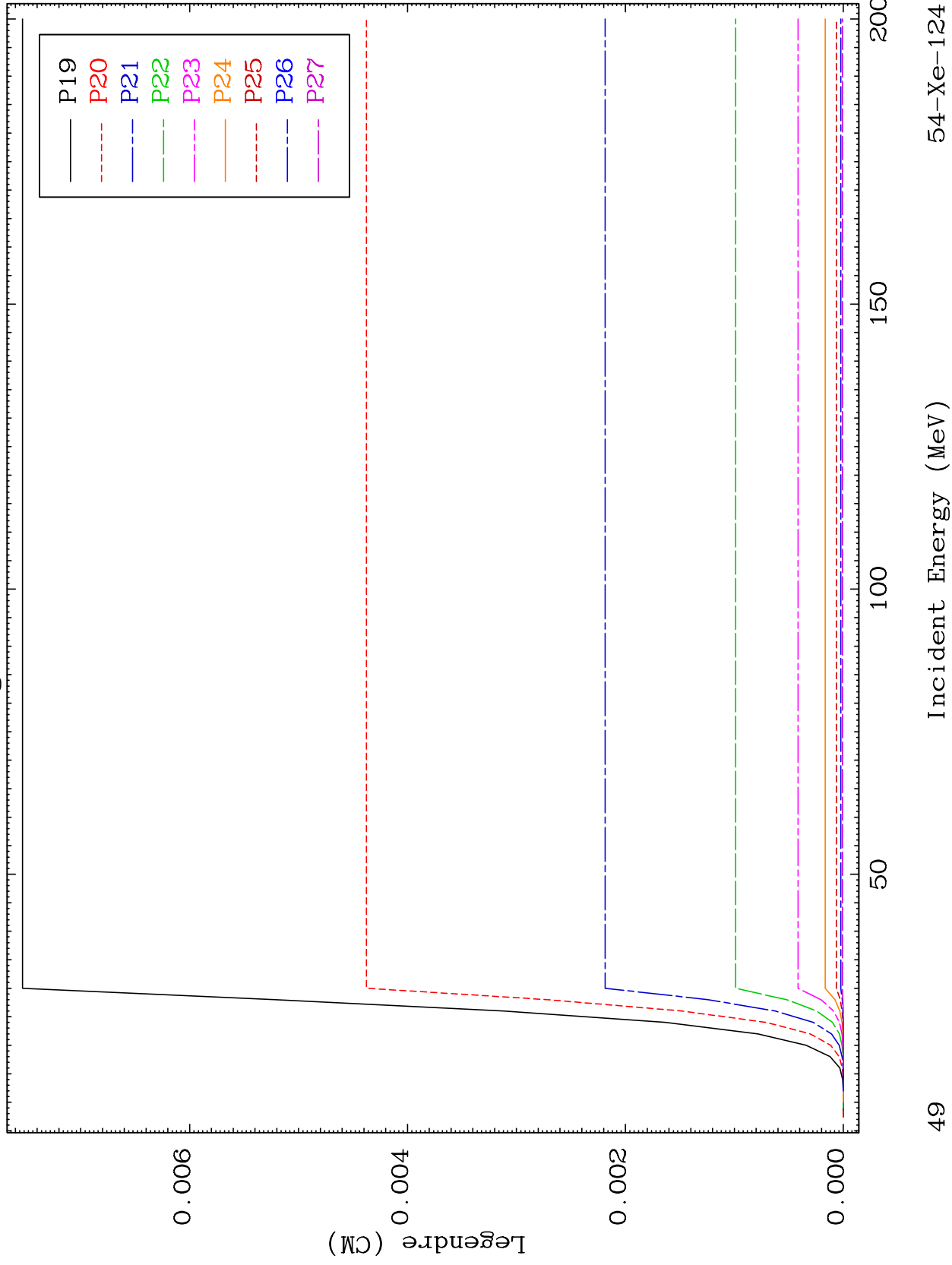




MAT 5425

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

54-Xe-124



49

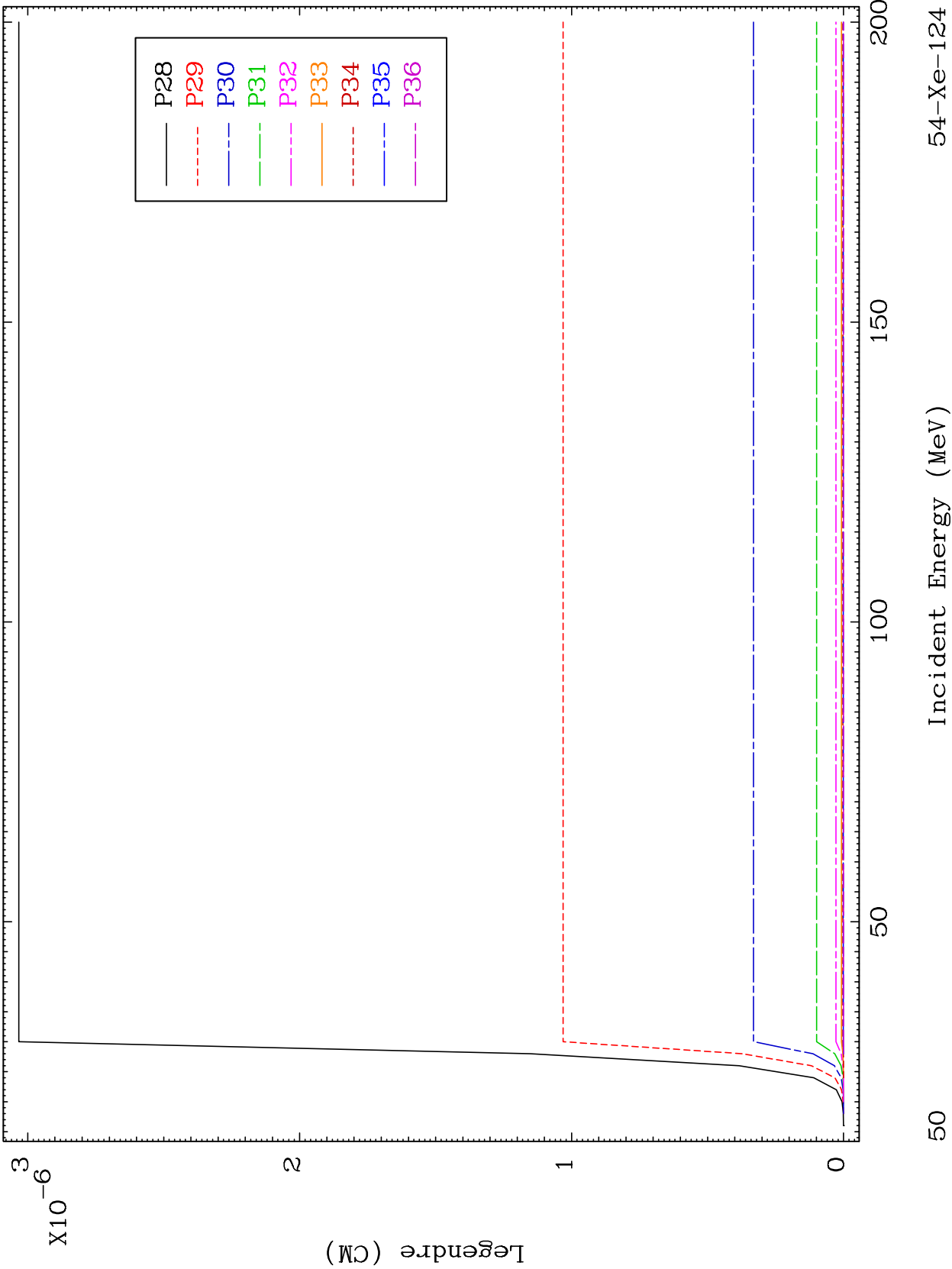
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

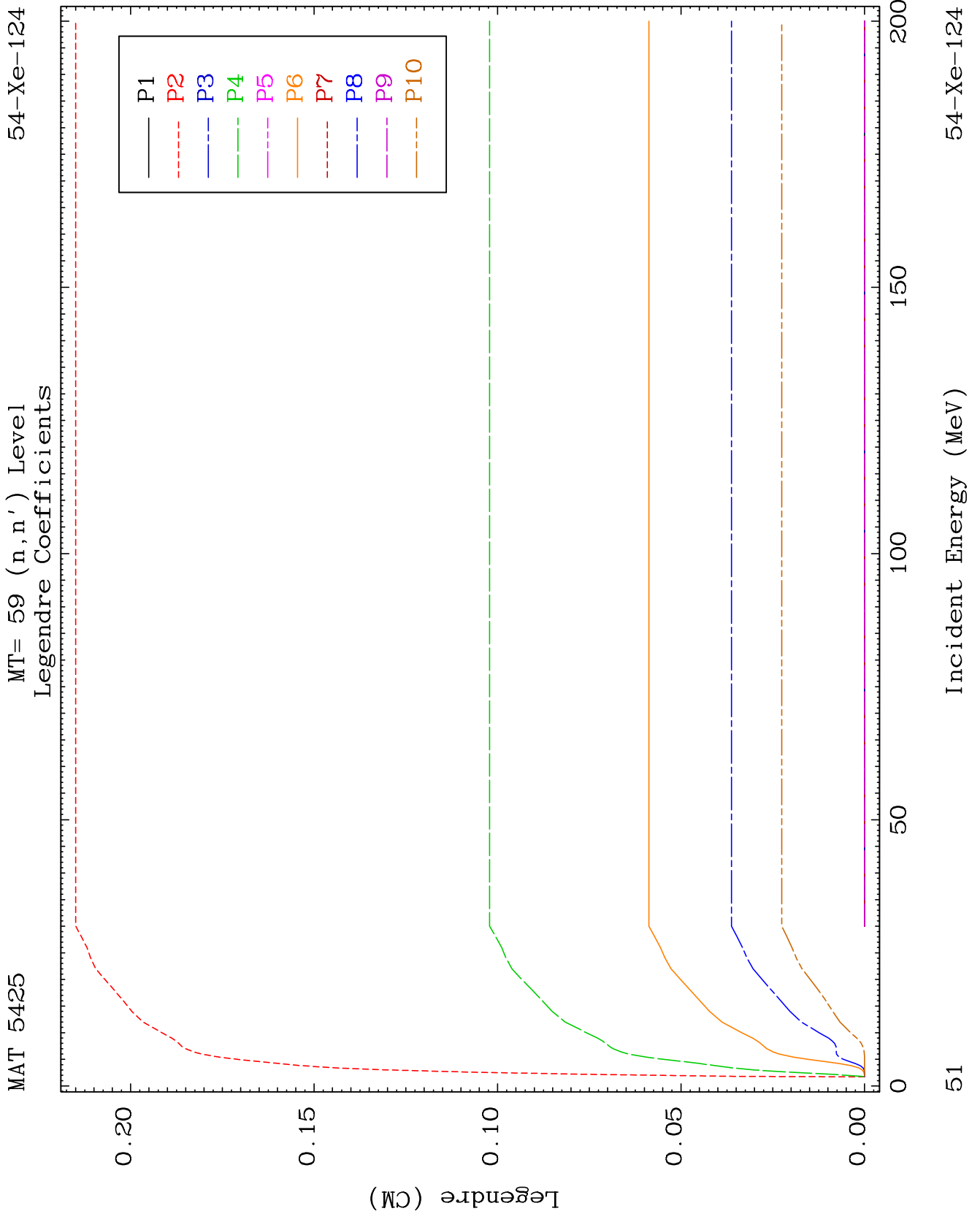
54-Xe-124



54-Xe-124

Incident Energy (MeV)

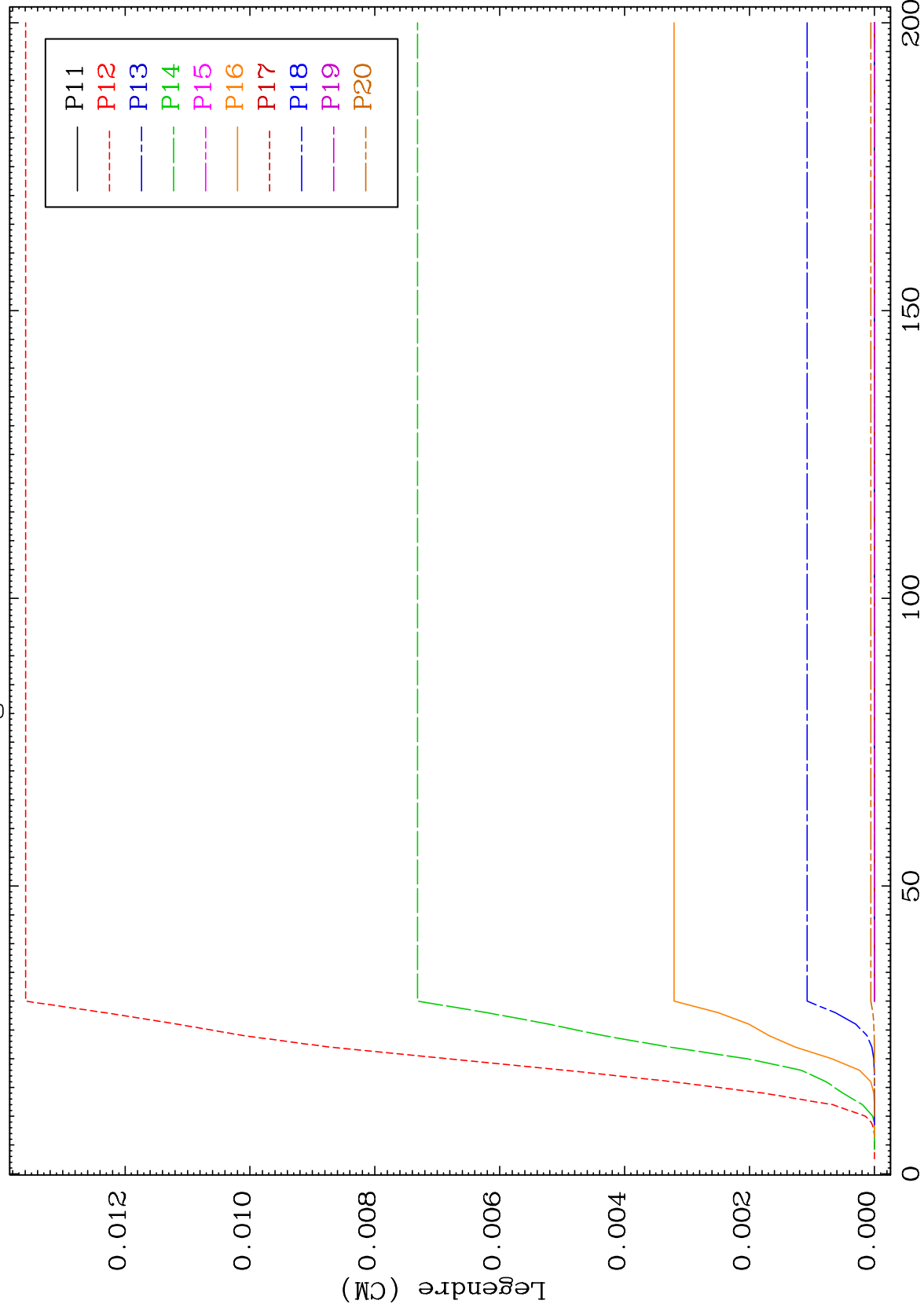
50



MAT 5425

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

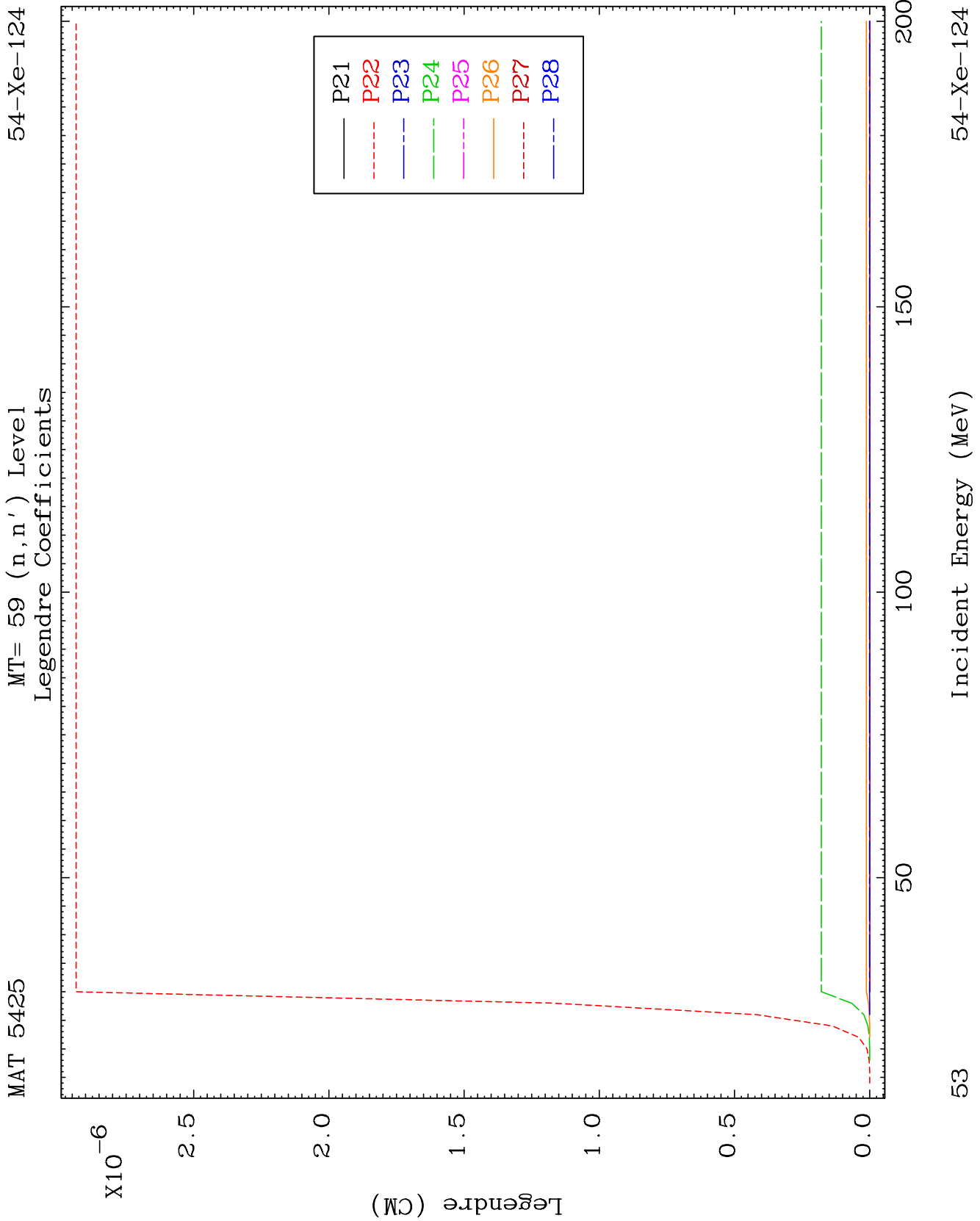
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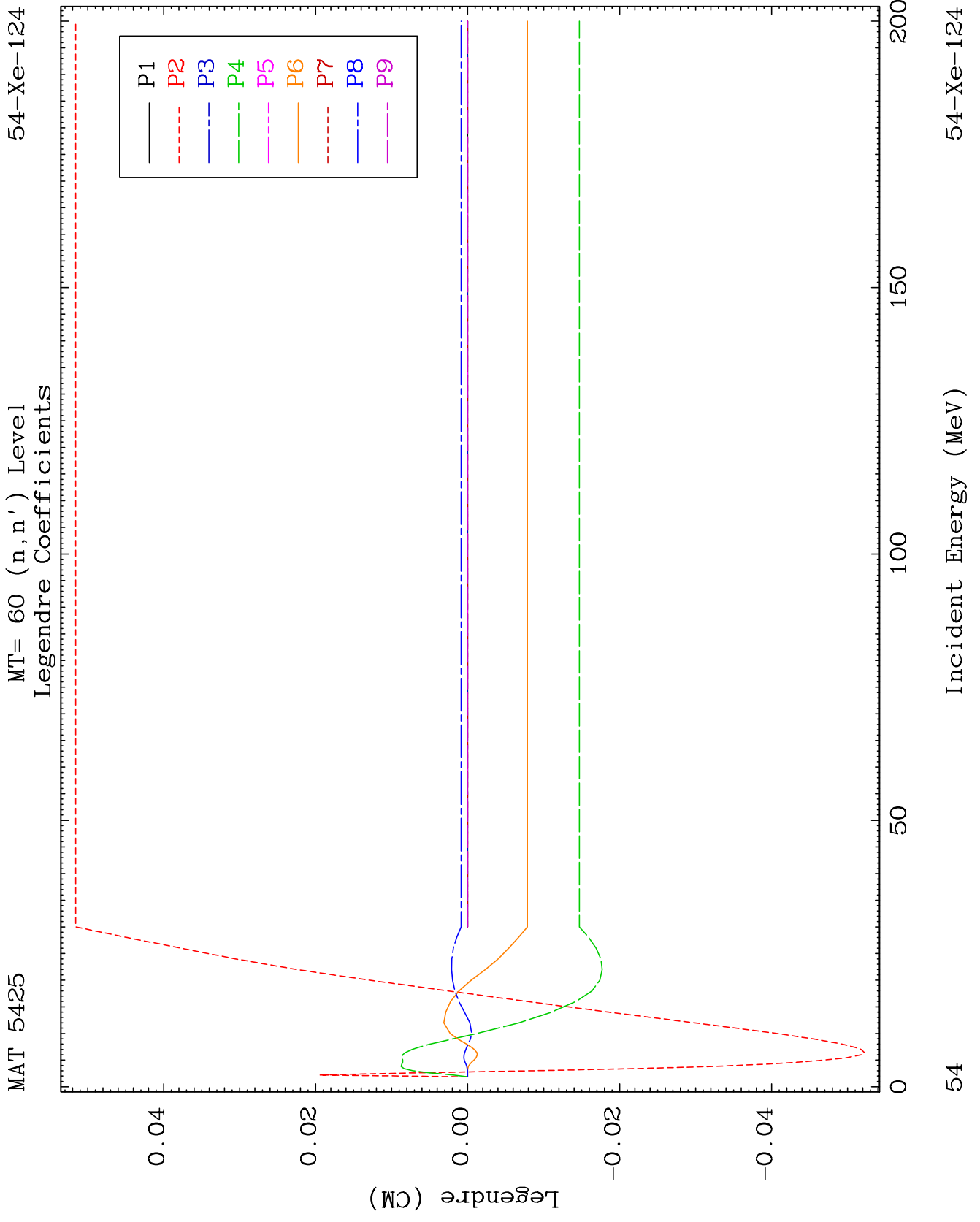


52

Incident Energy (MeV)

54-Xe-124

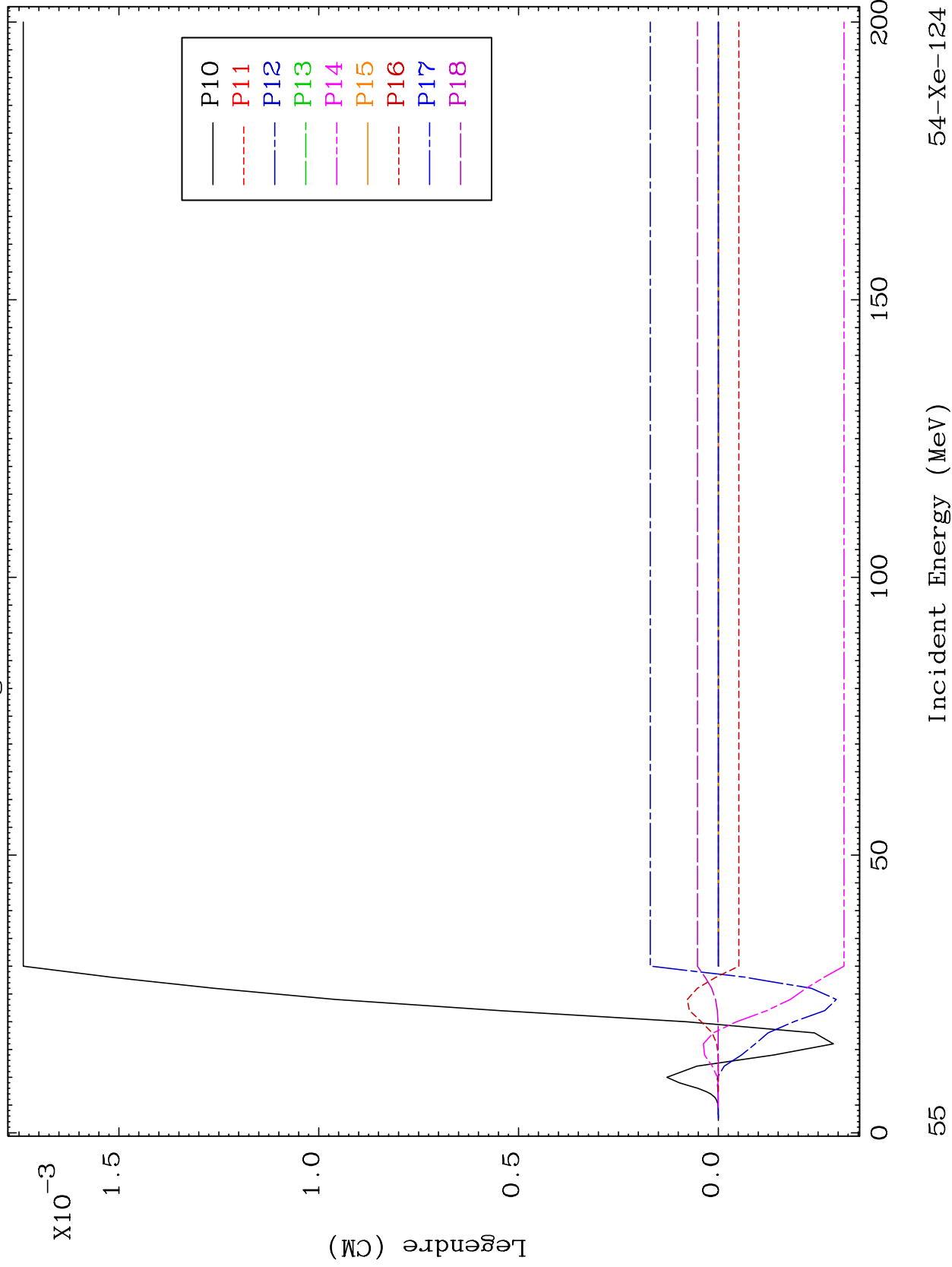




MAT 5425

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

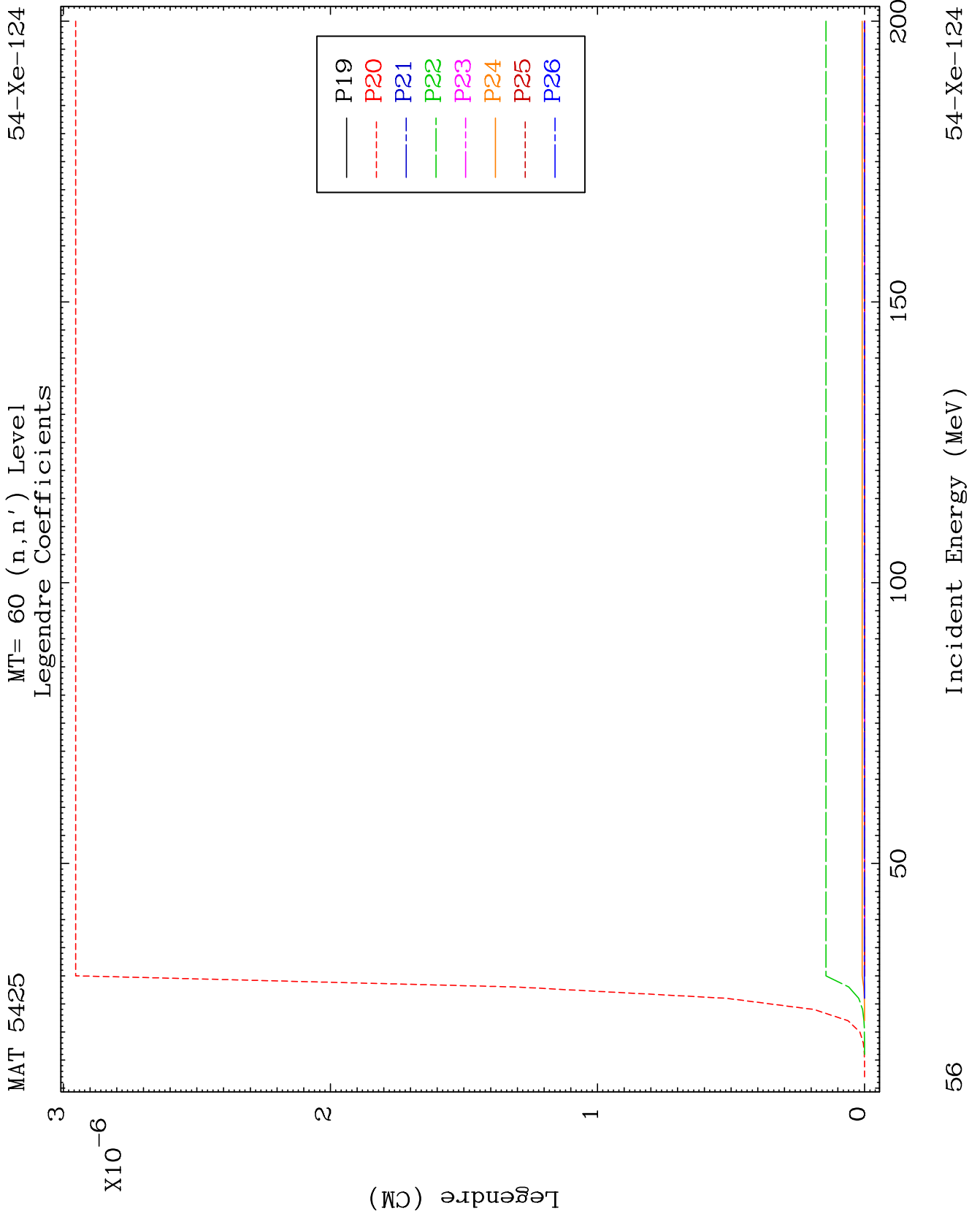
54-Xe-124



55

Incident Energy (MeV)

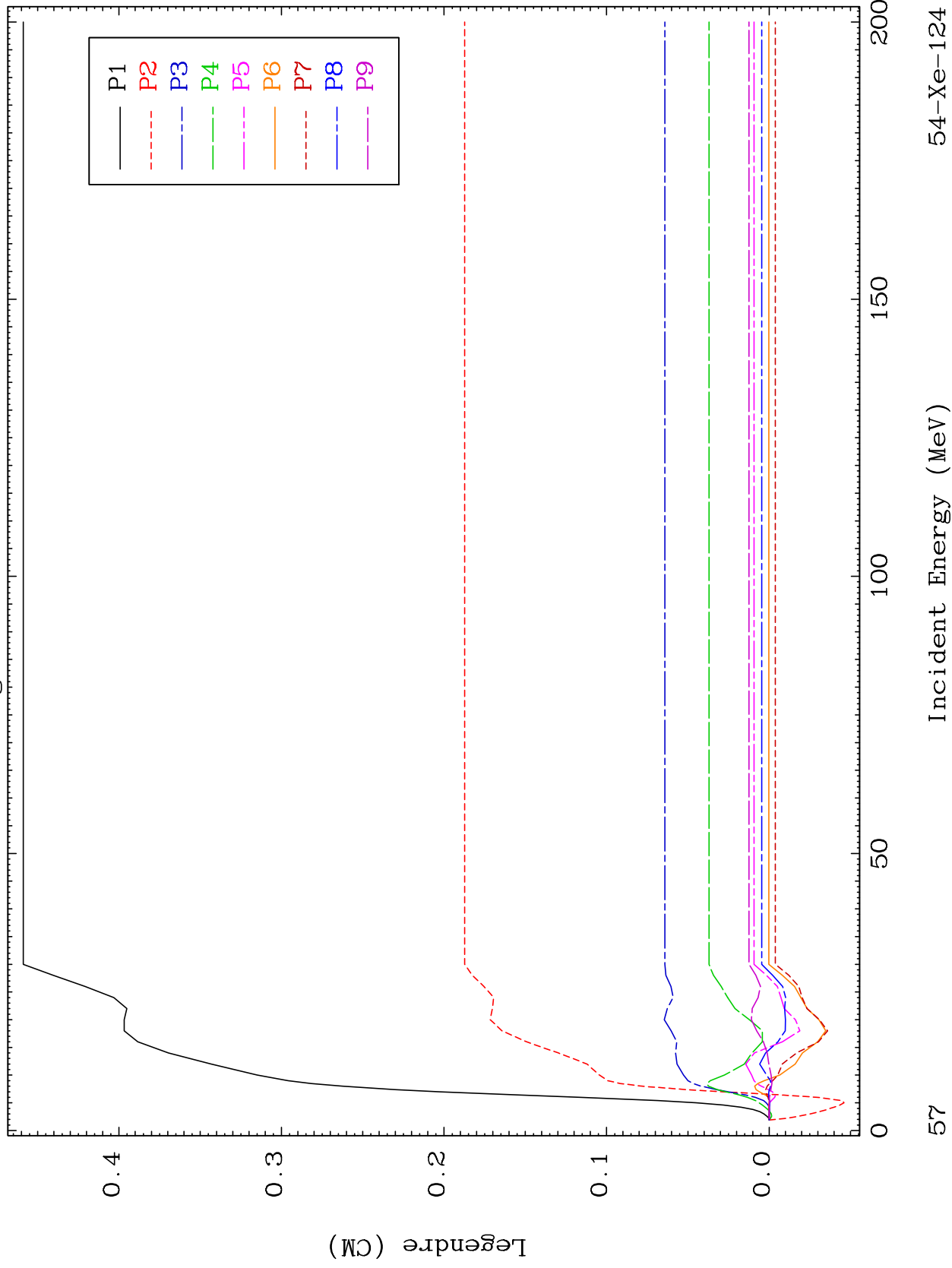
54-Xe-124



MAT 5425

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

54-Xe-124



54-Xe-124

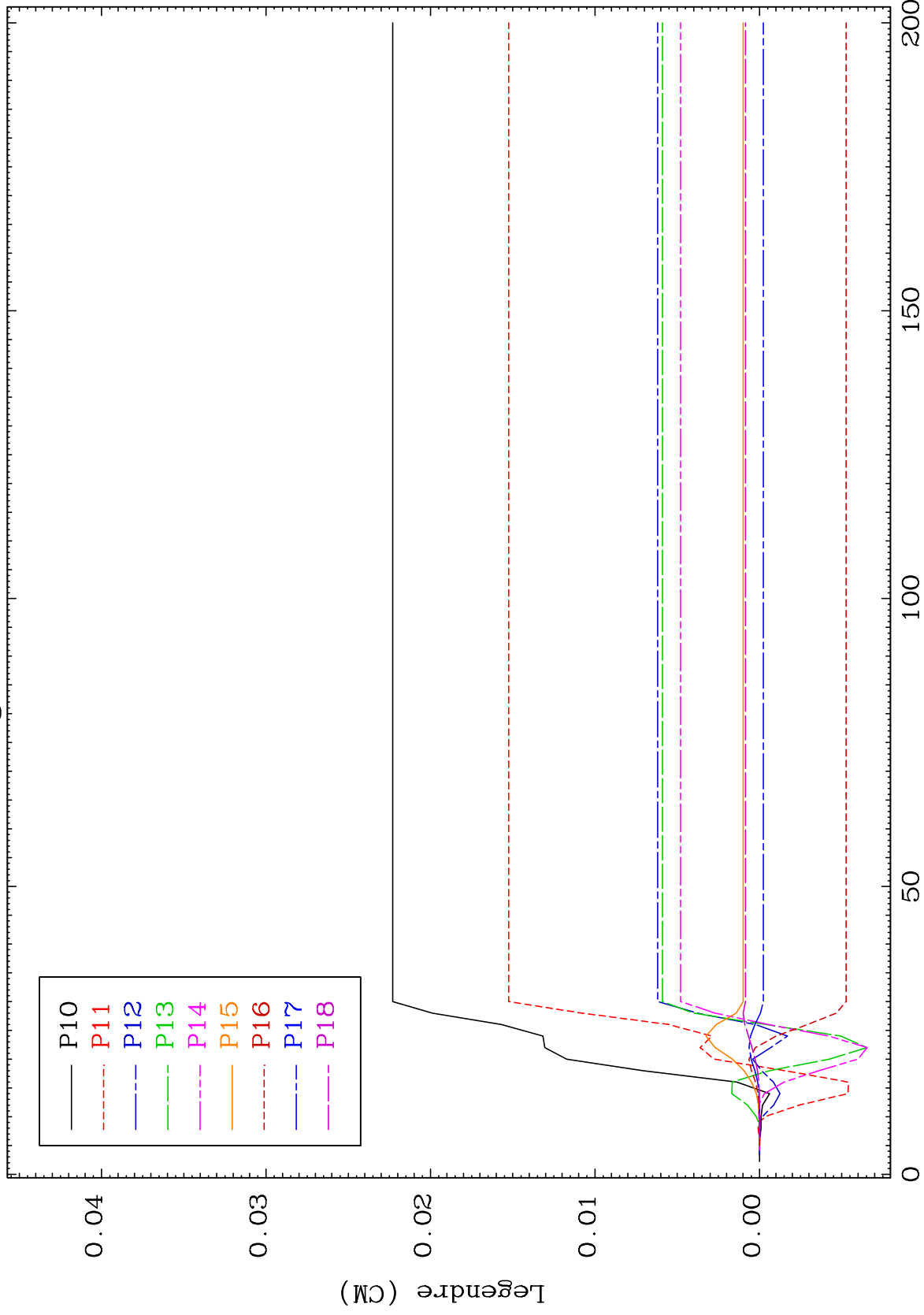
Incident Energy (MeV)

57

MAT 5425

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

54-Xe-124



54-Xe-124

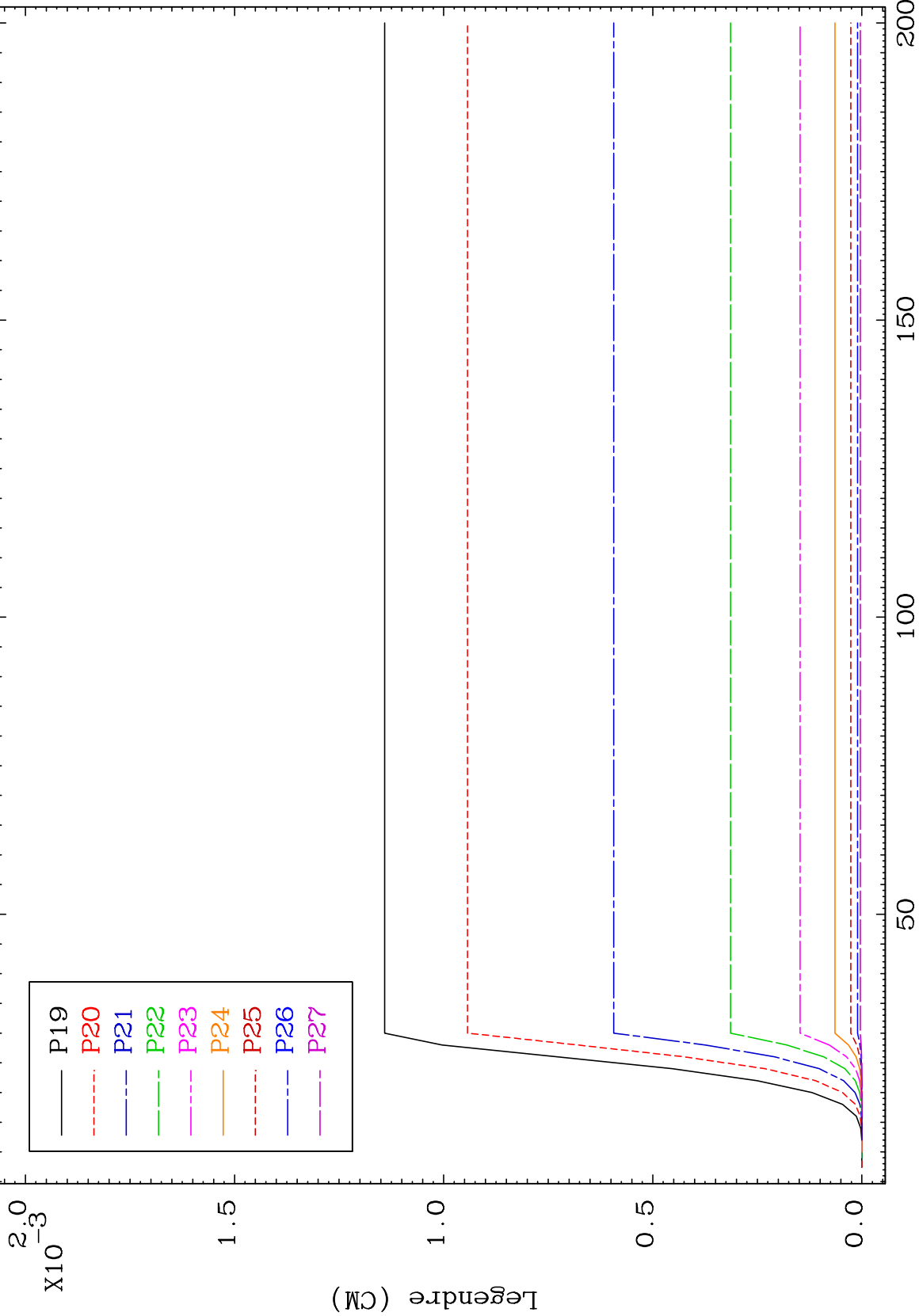
Incident Energy (MeV)

58

MAT 5425

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

54-Xe-124



59

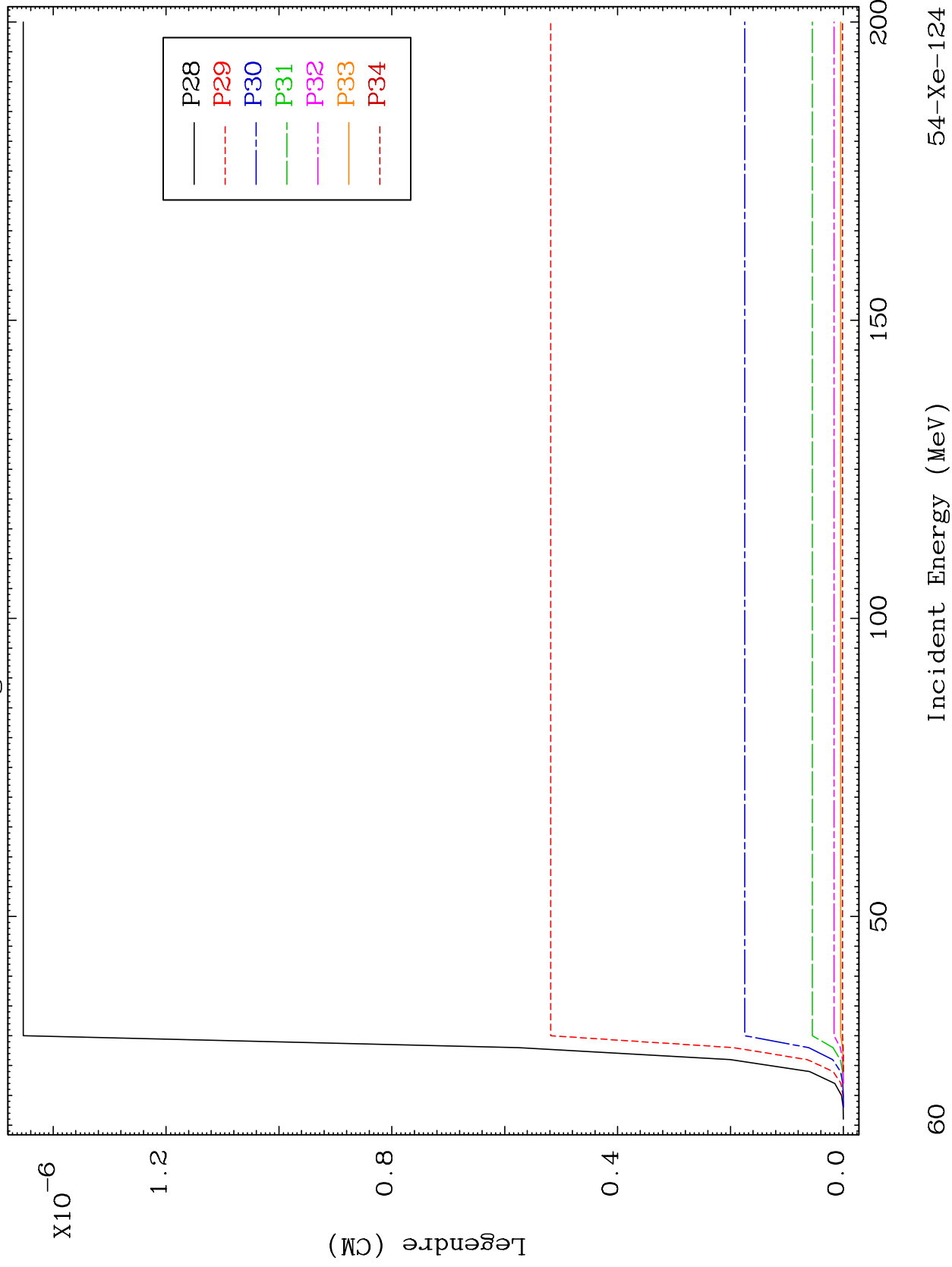
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

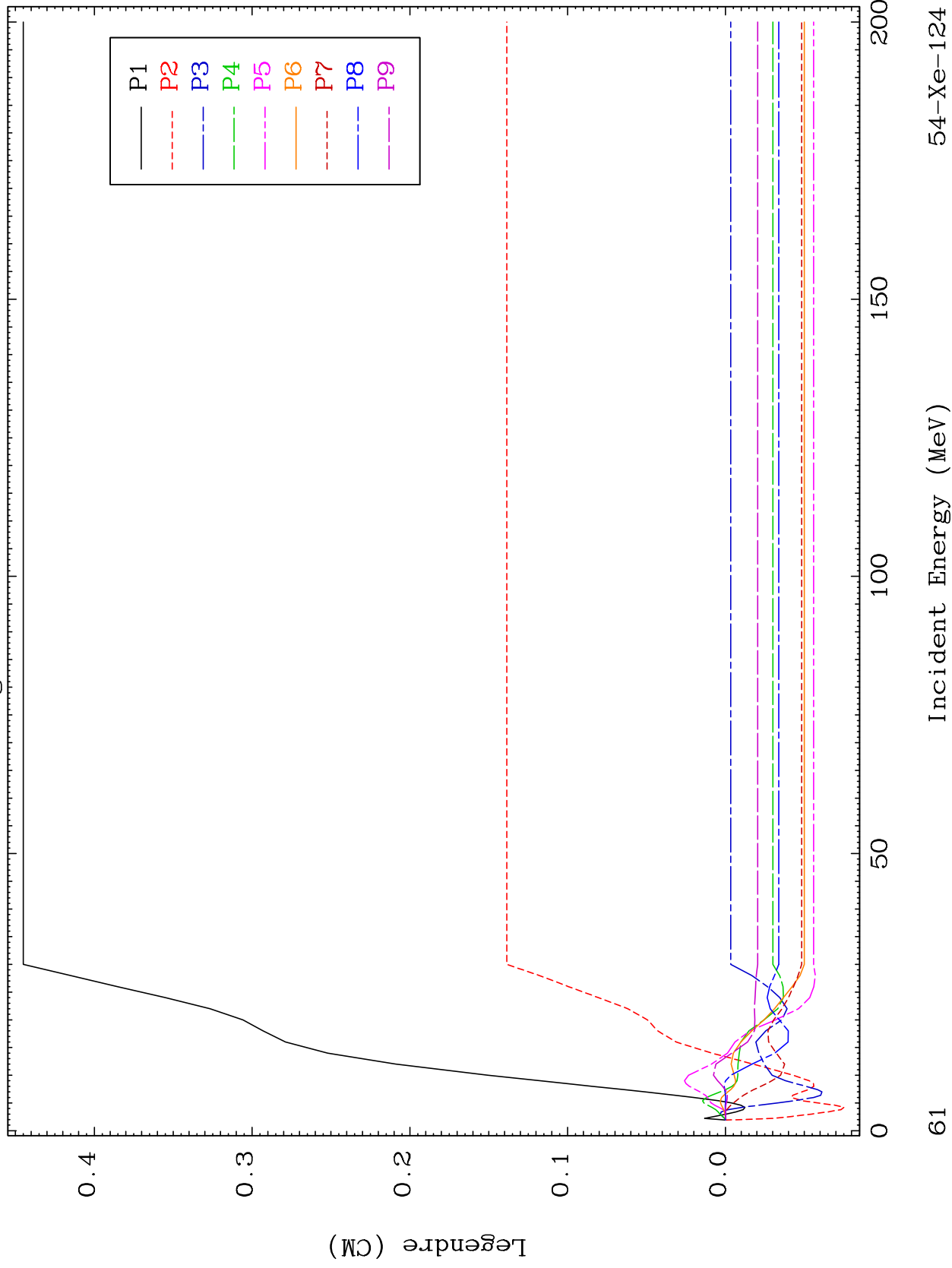
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MAT 5425

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

54-Xe-124



54-Xe-124

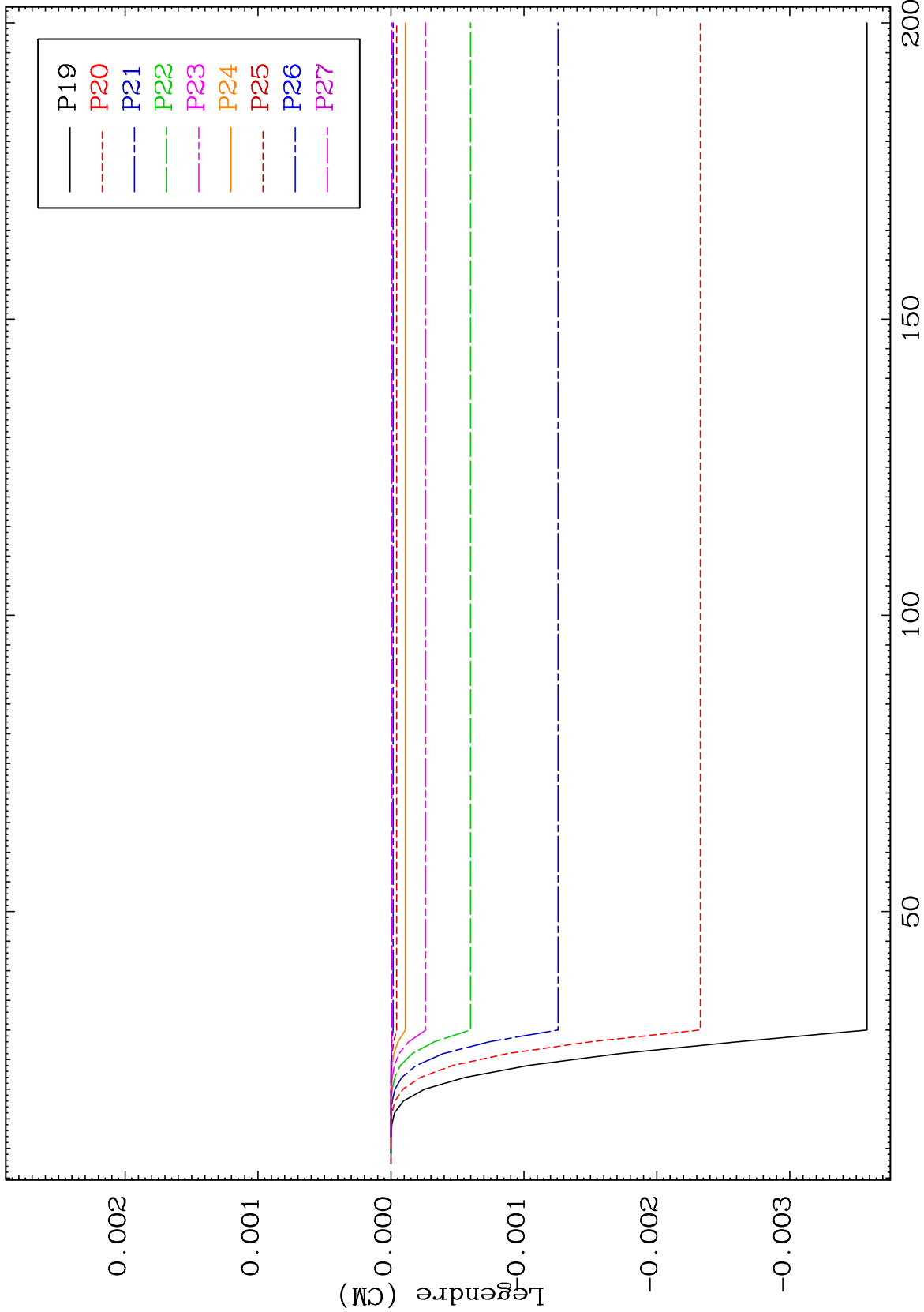
Incident Energy (MeV)

61

MAT 5425

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

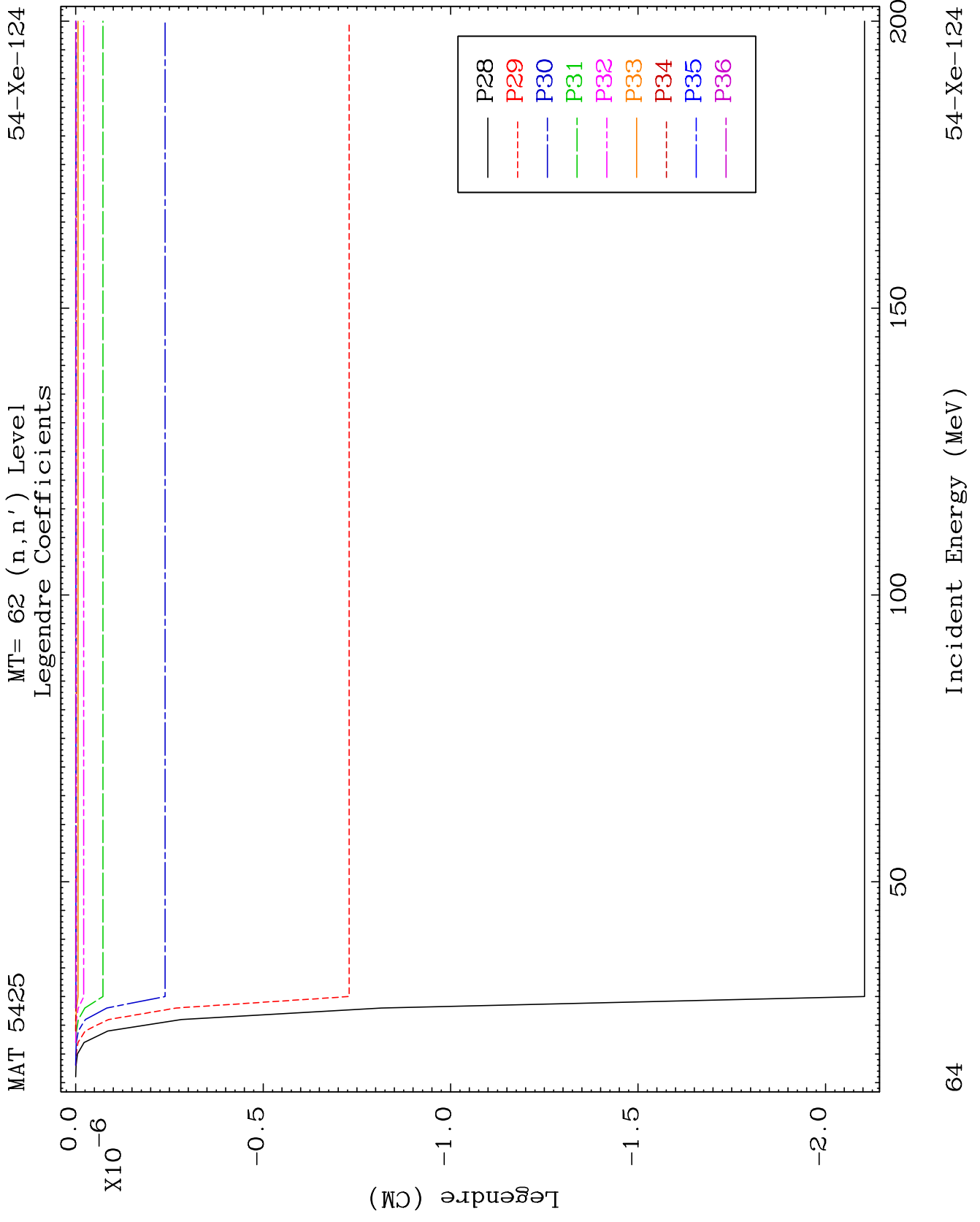
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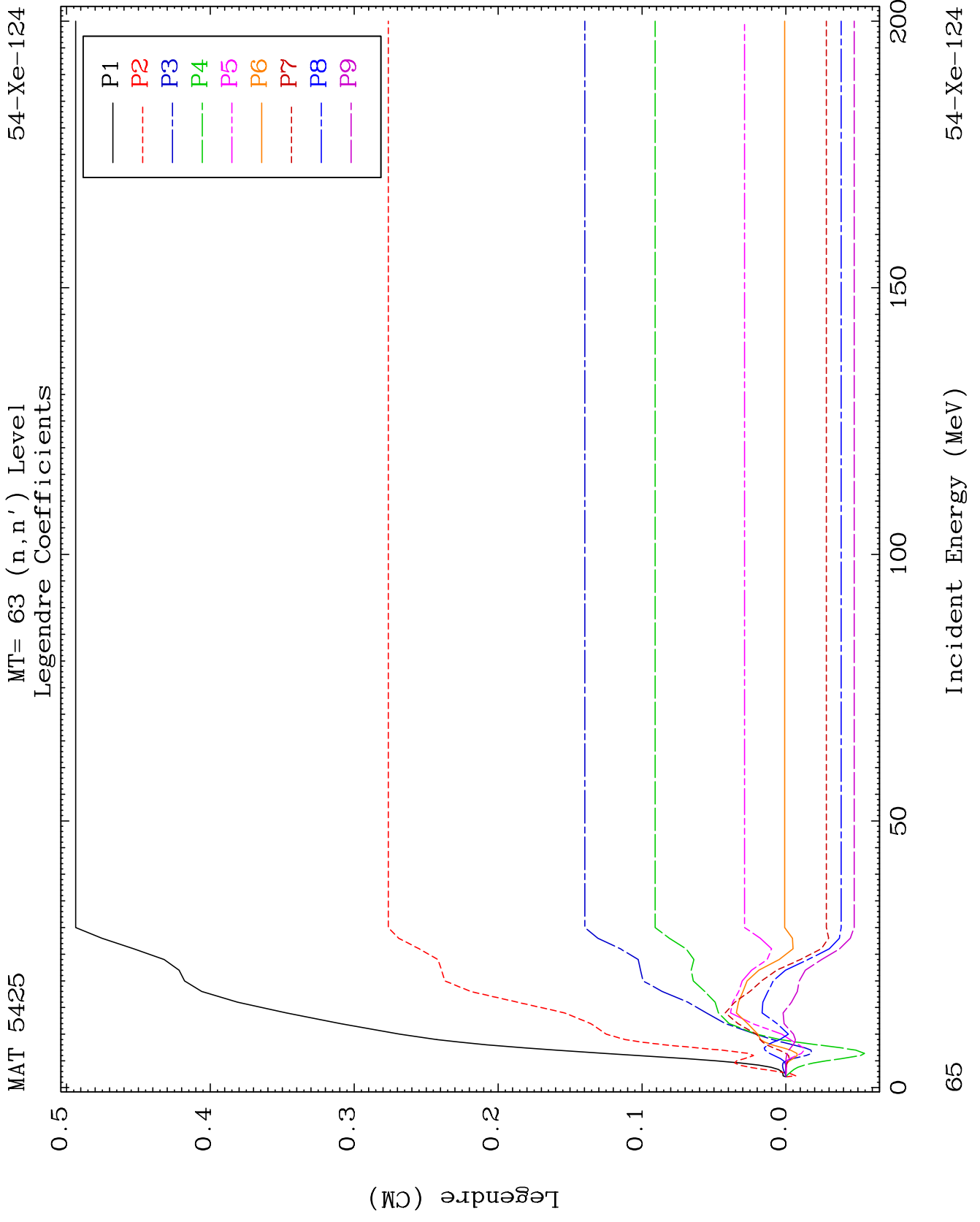


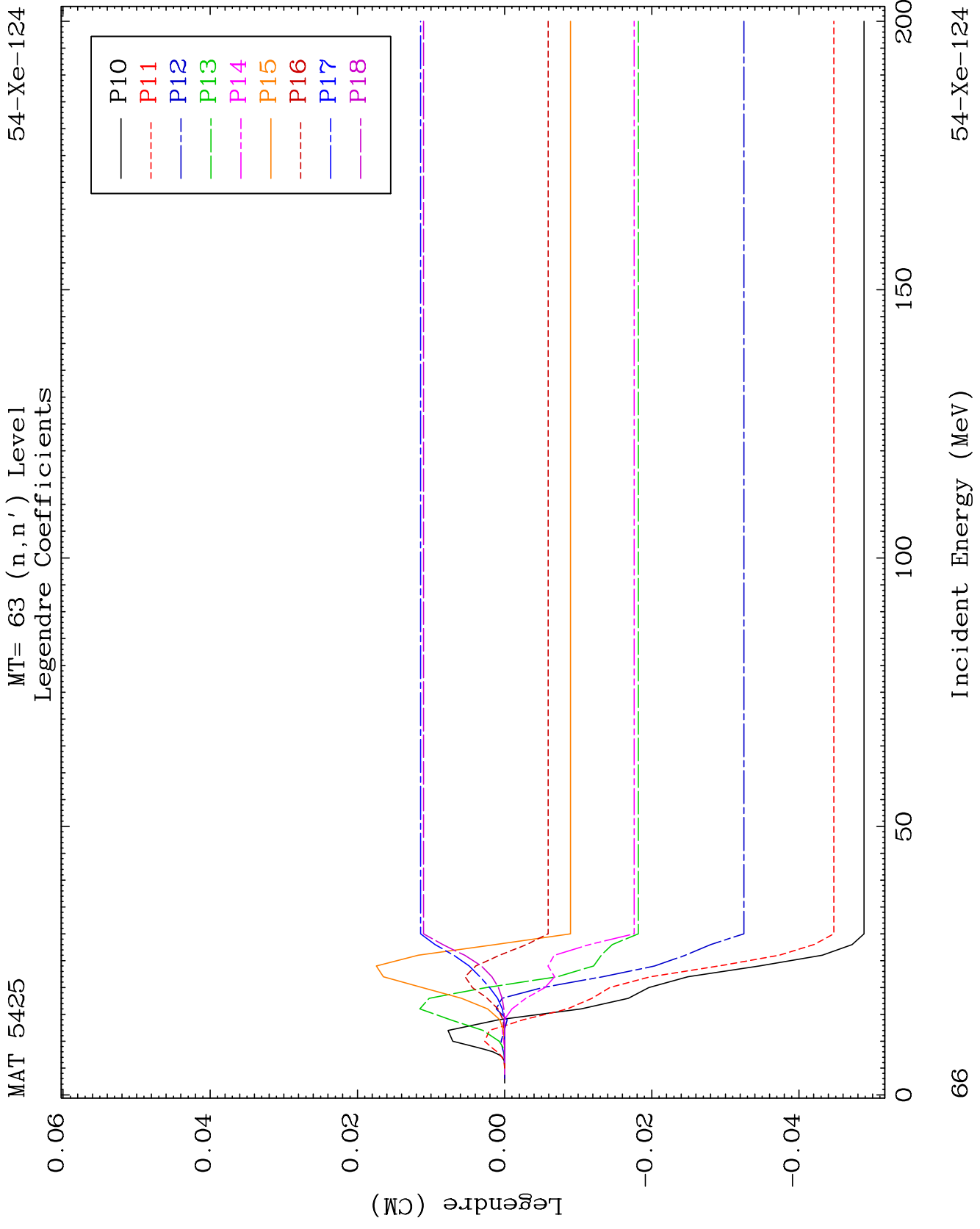
63

Incident Energy (MeV)

54-Xe-124



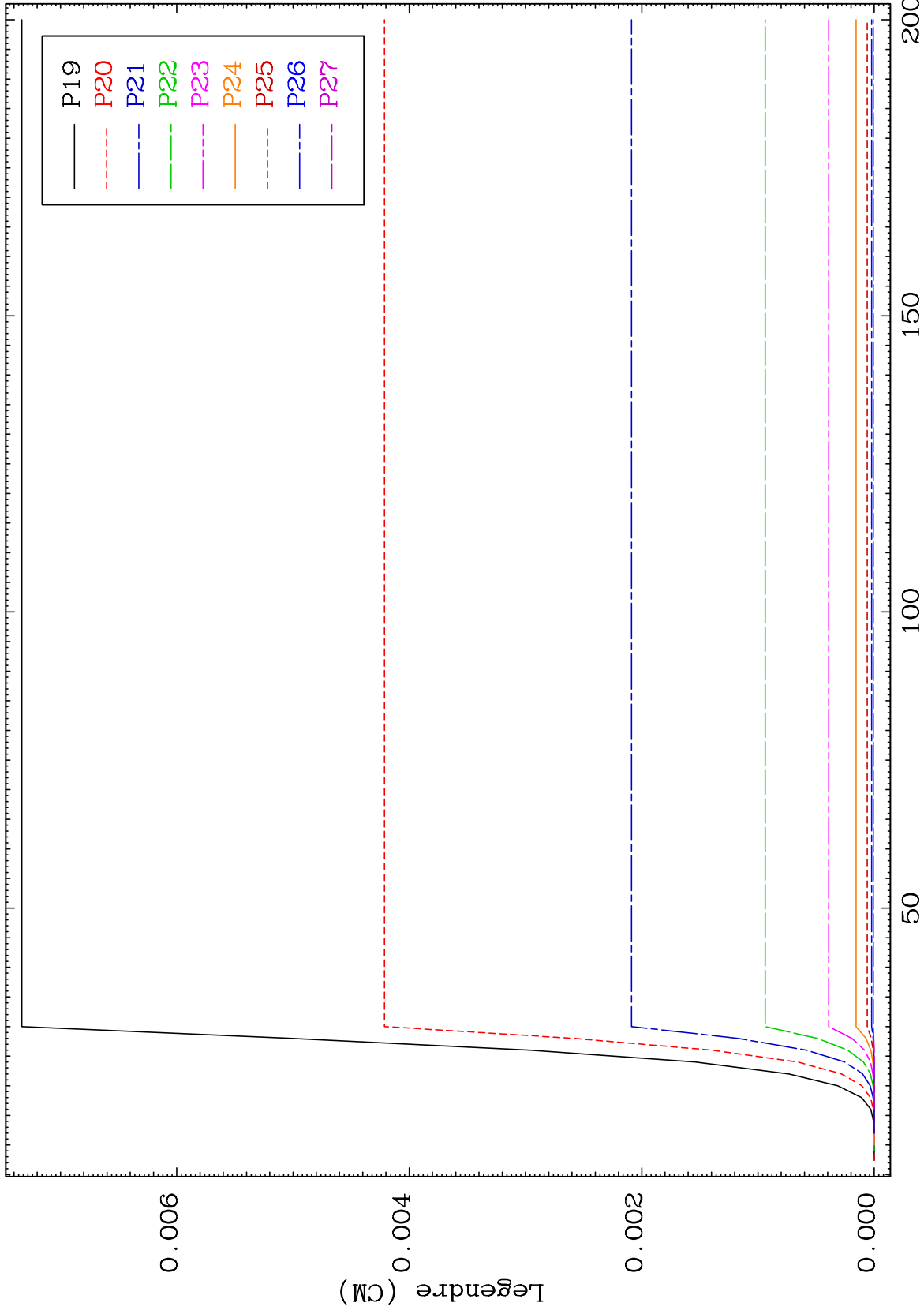




MAT 5425

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

54-Xe-124



67

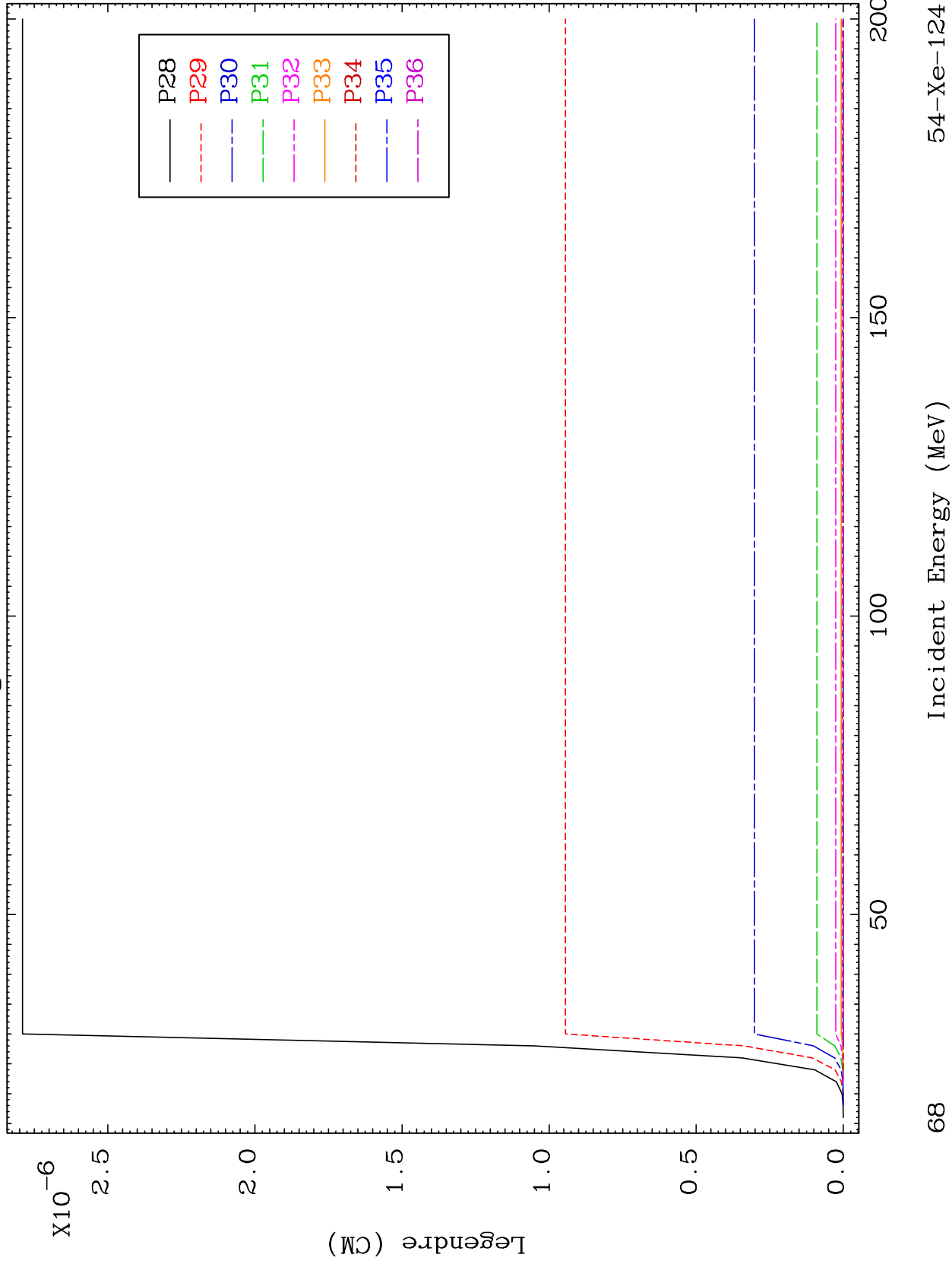
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

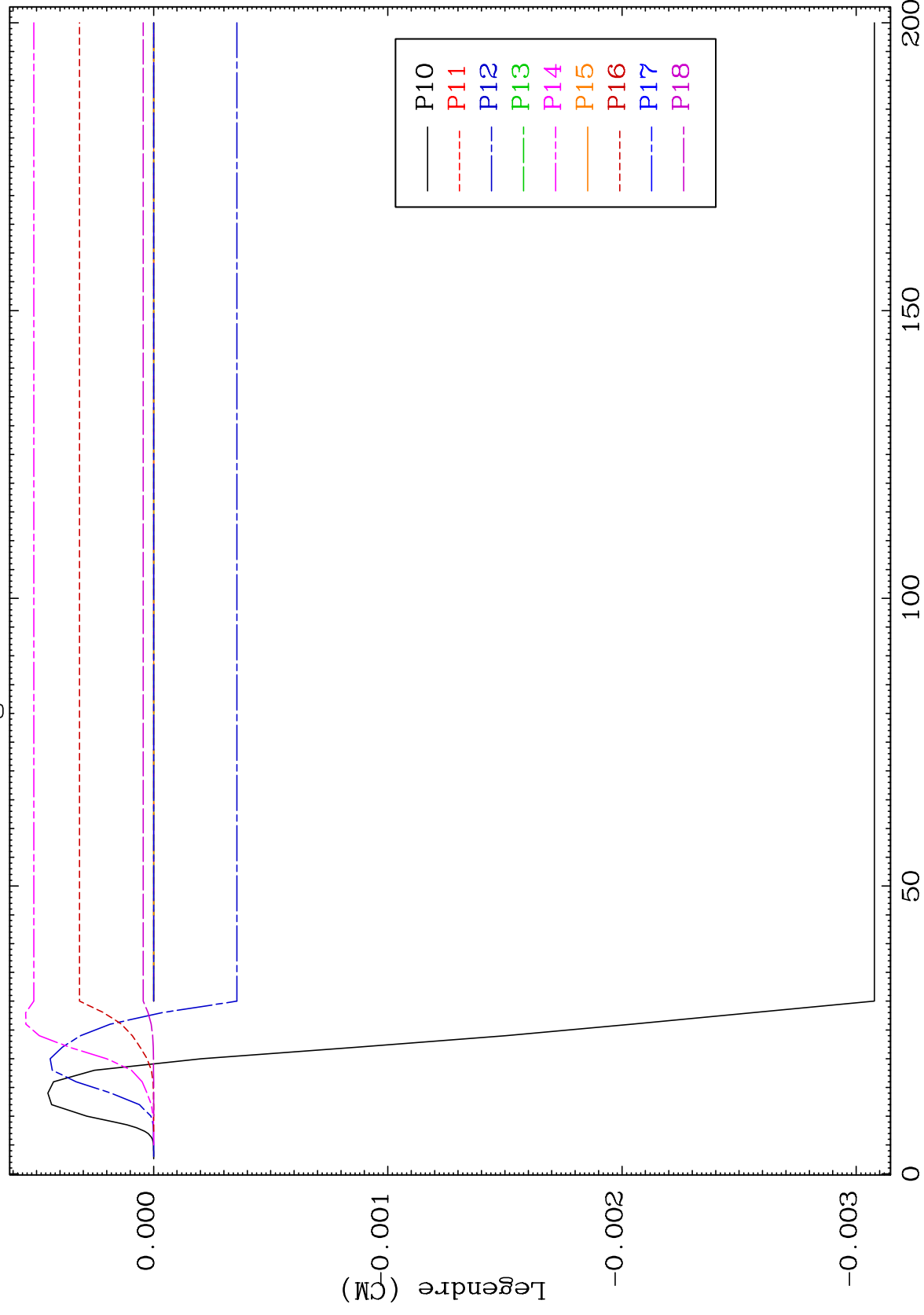
54-Xe-124



MAT 5425

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

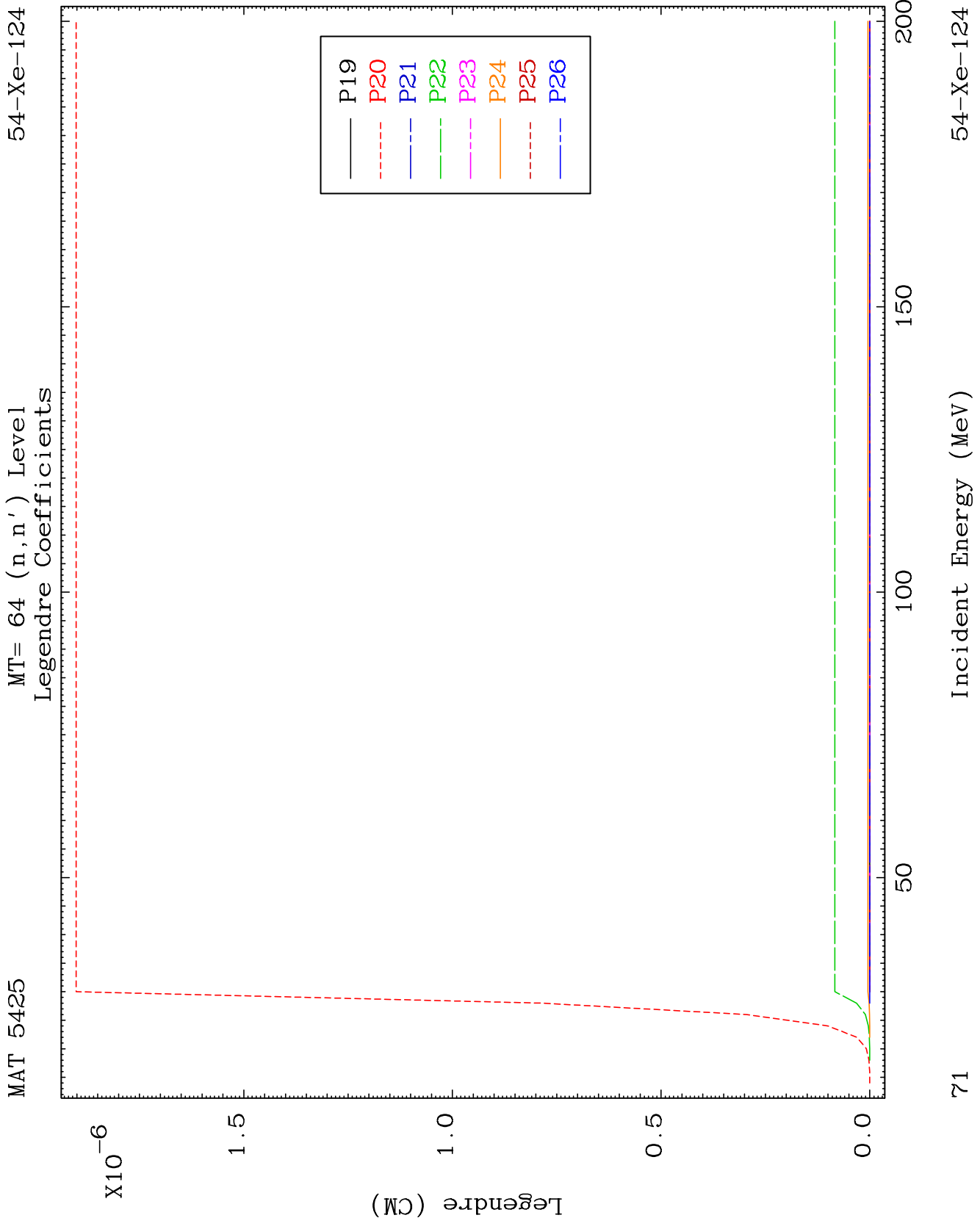
54-Xe-124



70

Incident Energy (MeV)

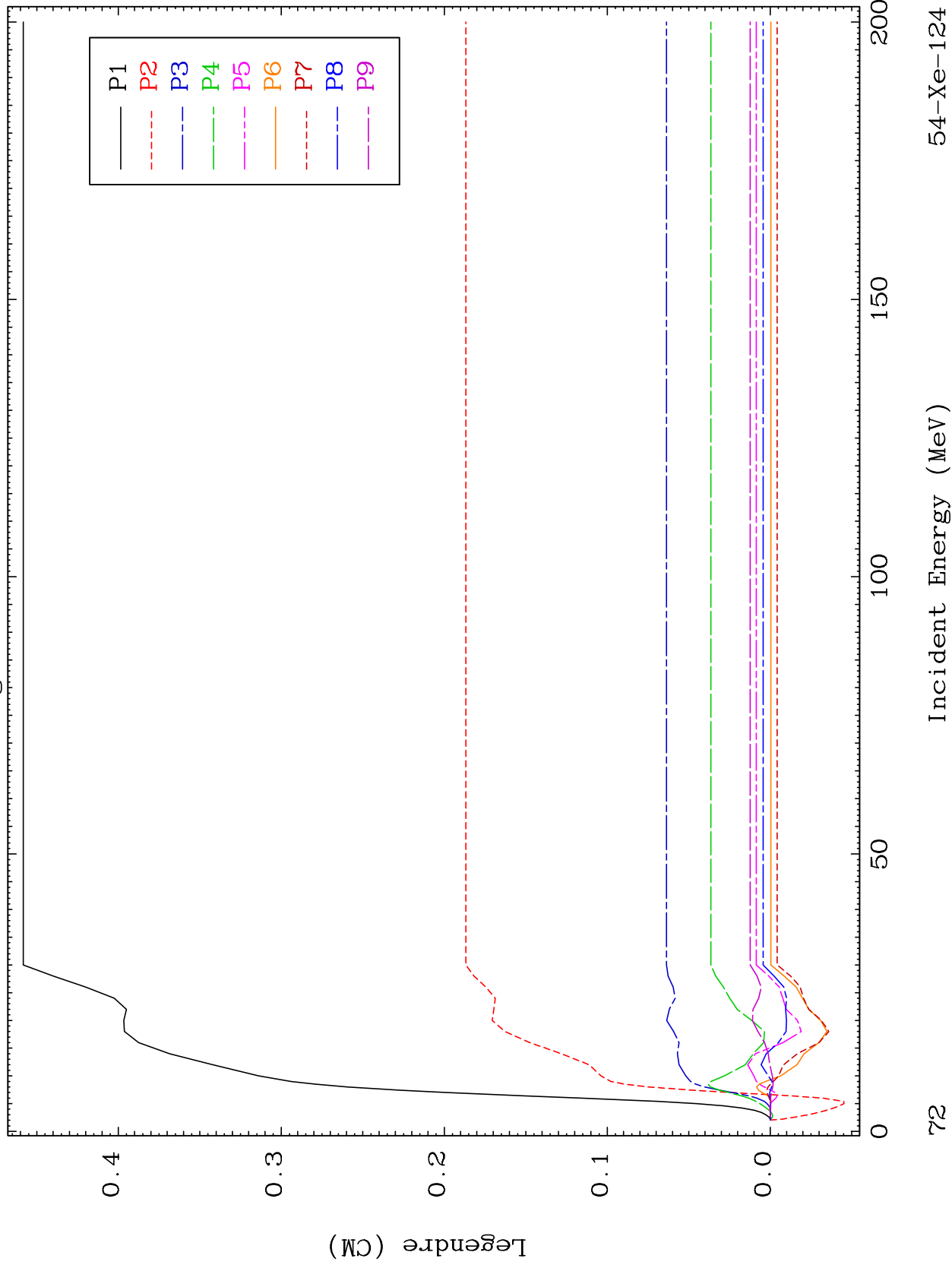
54-Xe-124



MAT 5425

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

54-Xe-124



54-Xe-124

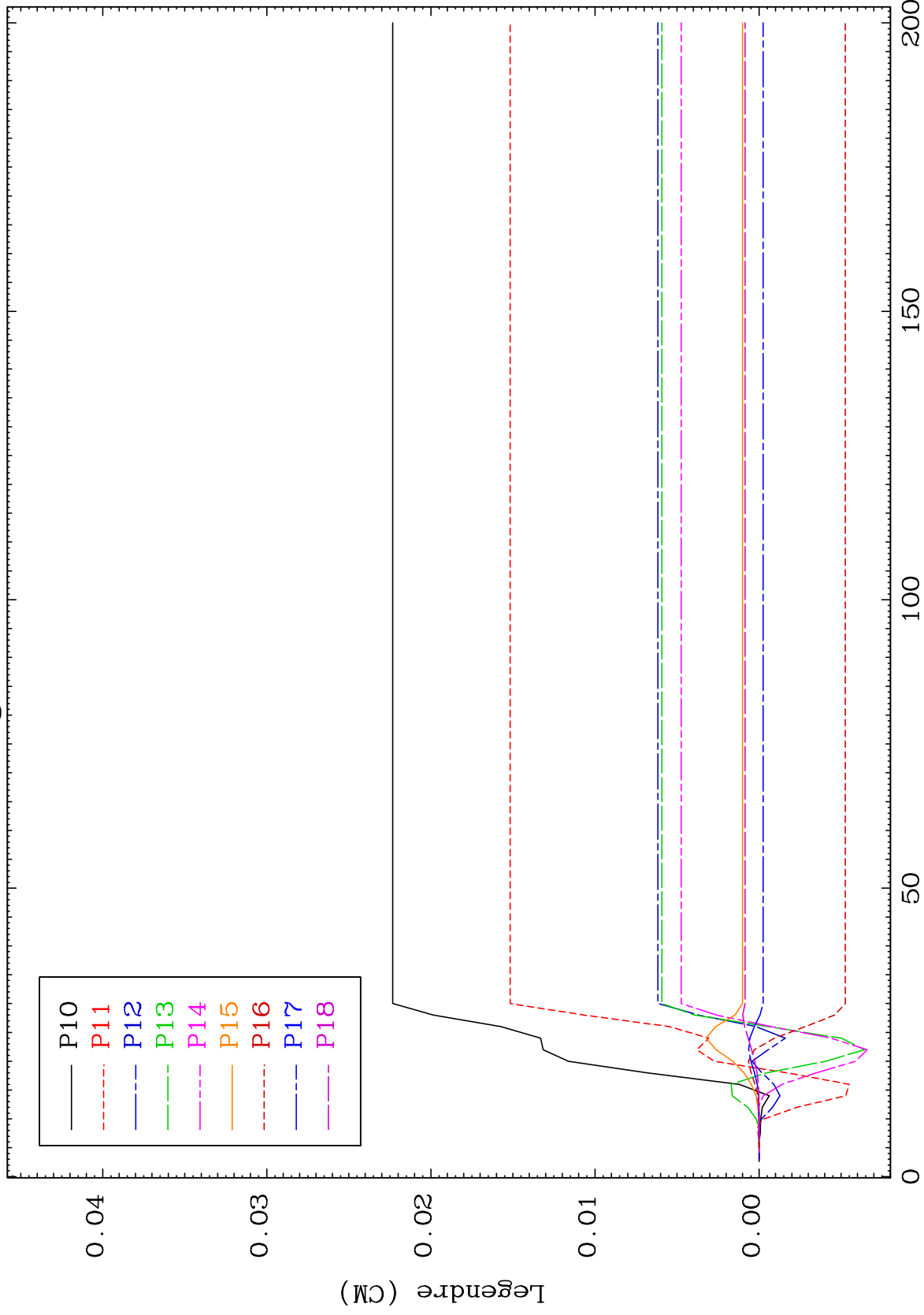
Incident Energy (MeV)

72

MAT 5425

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

54-Xe-124



73

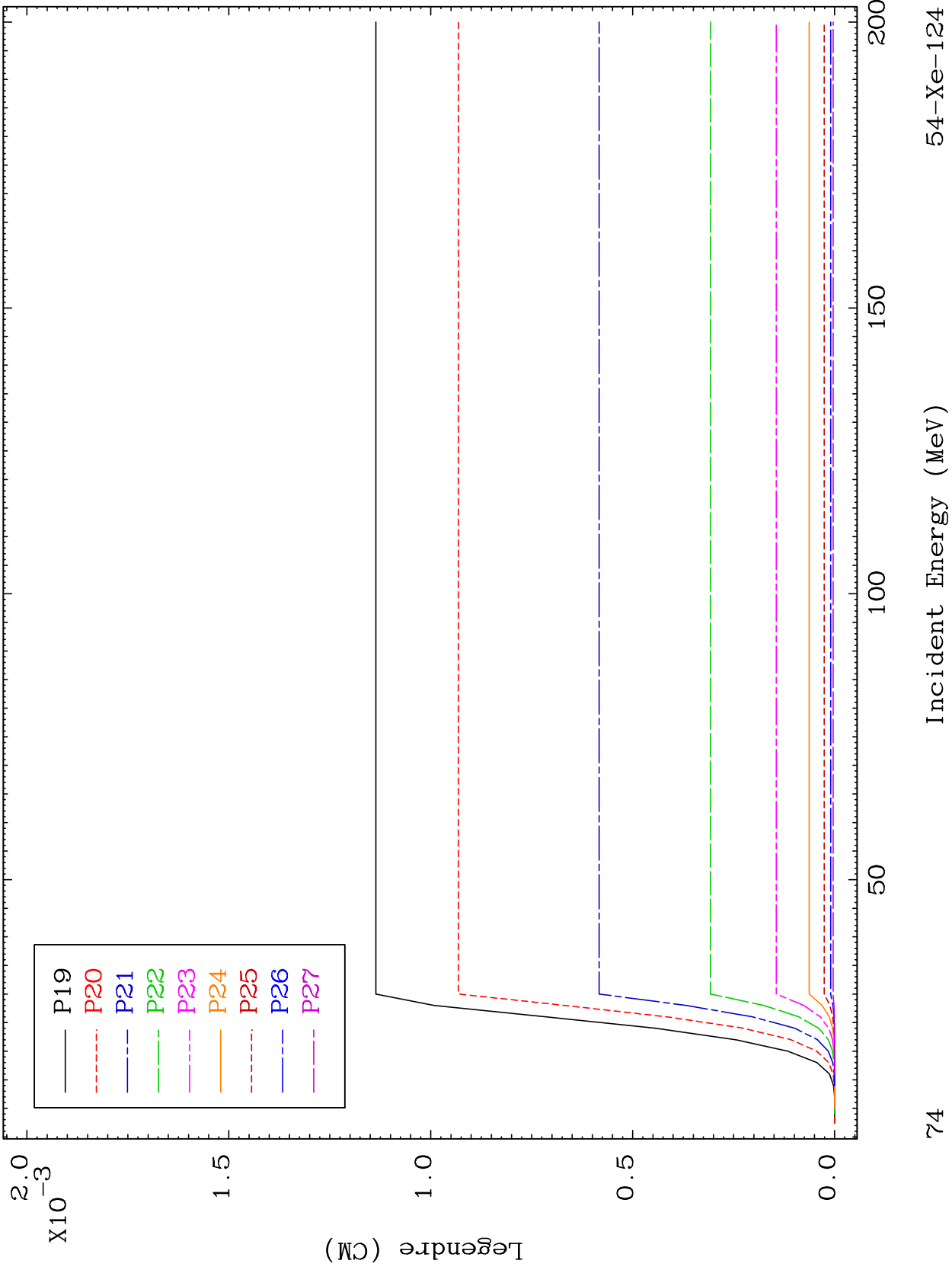
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



74

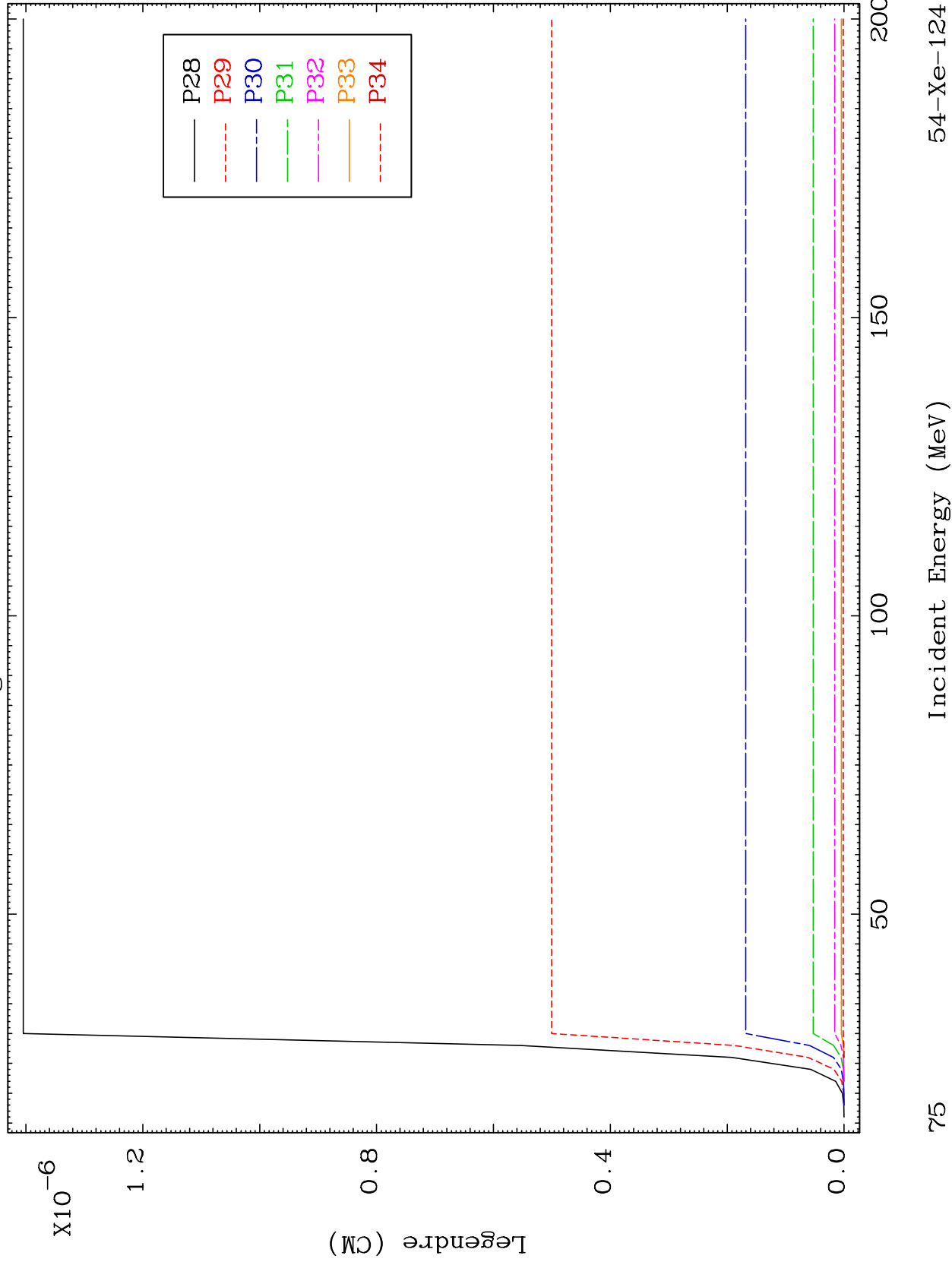
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



54-Xe-124

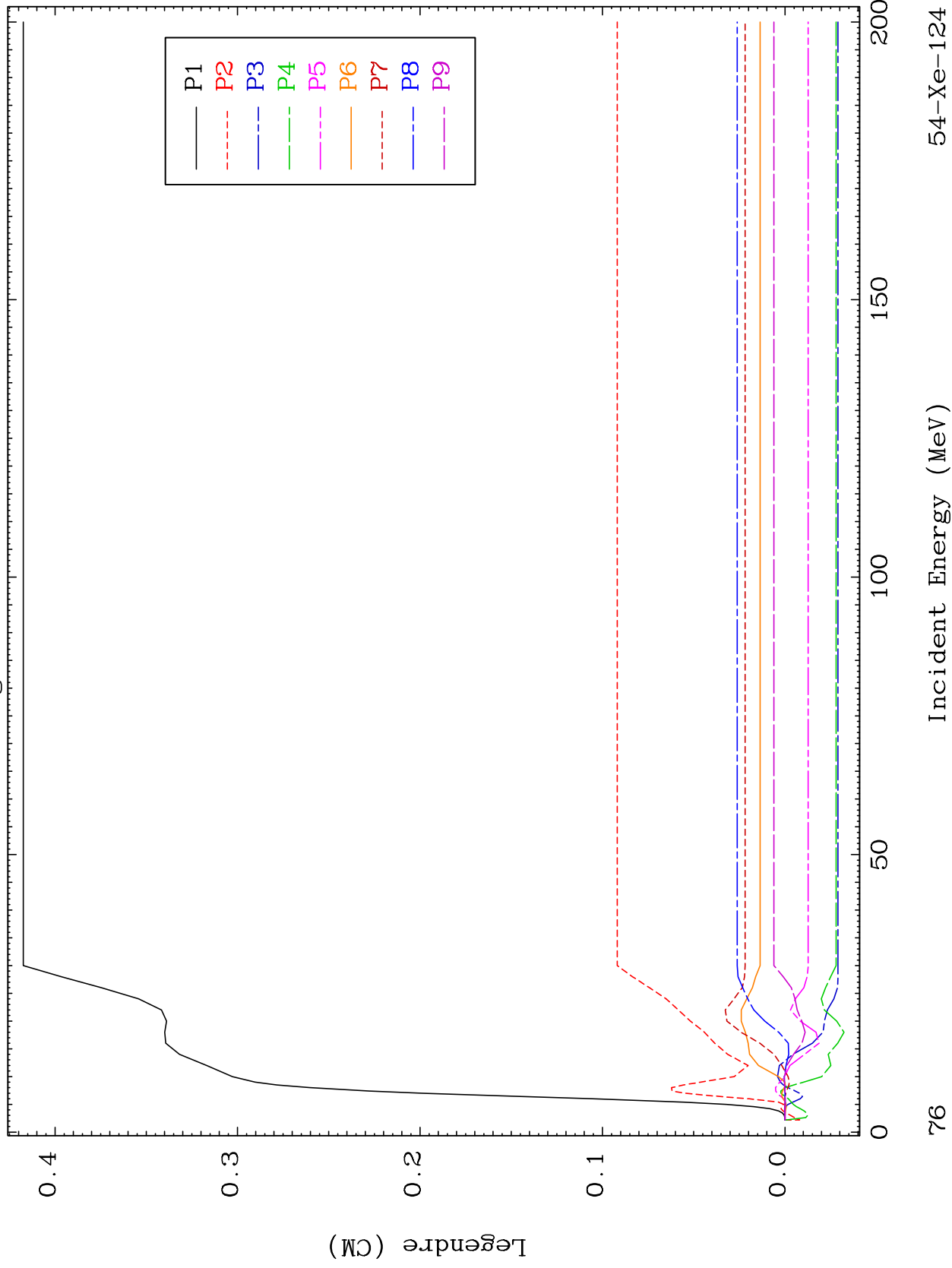
Incident Energy (MeV)

75

MAT 5425

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

54-Xe-124



54-Xe-124

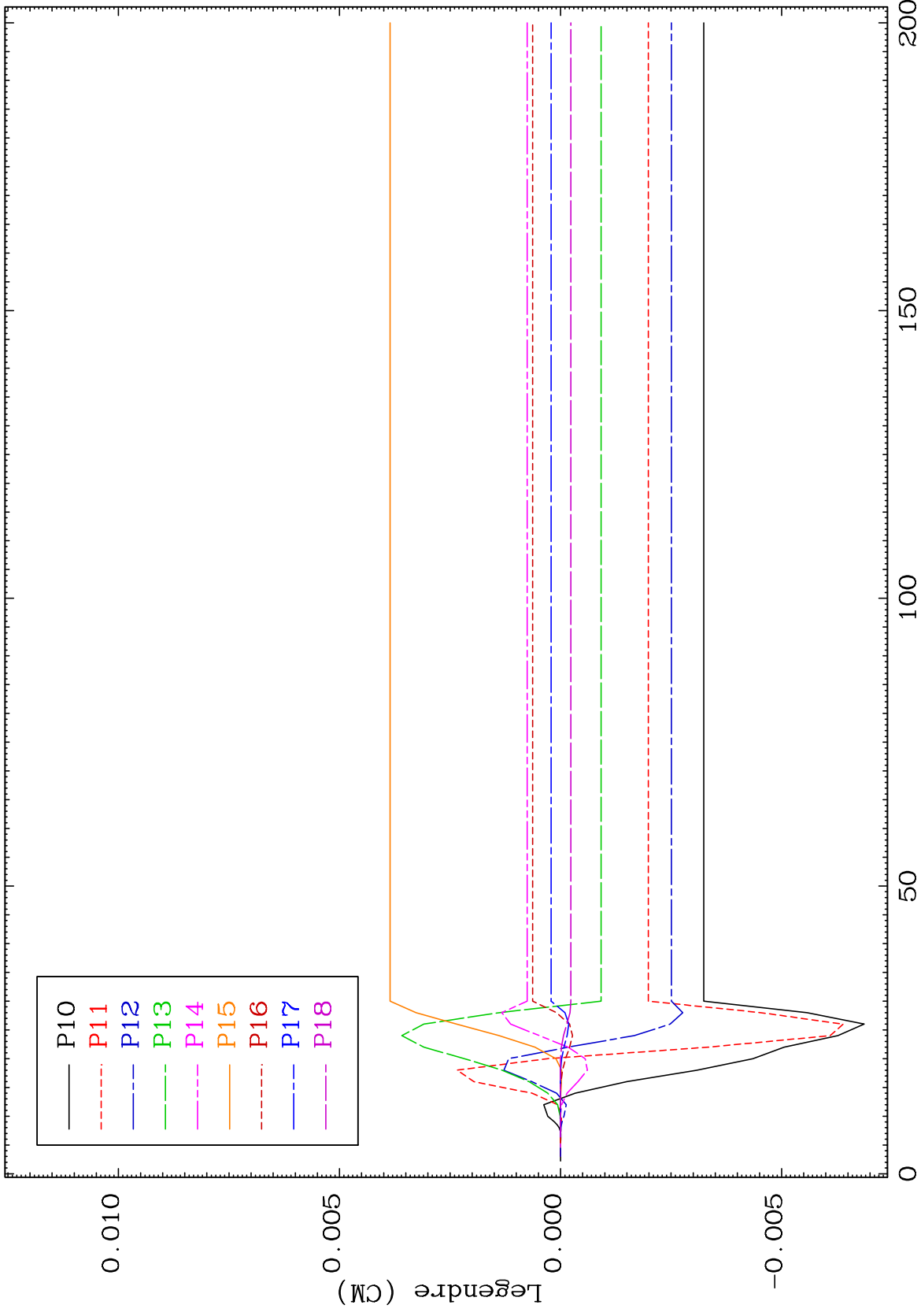
Incident Energy (MeV)

76

MAT 5425

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

54-Xe-124



77

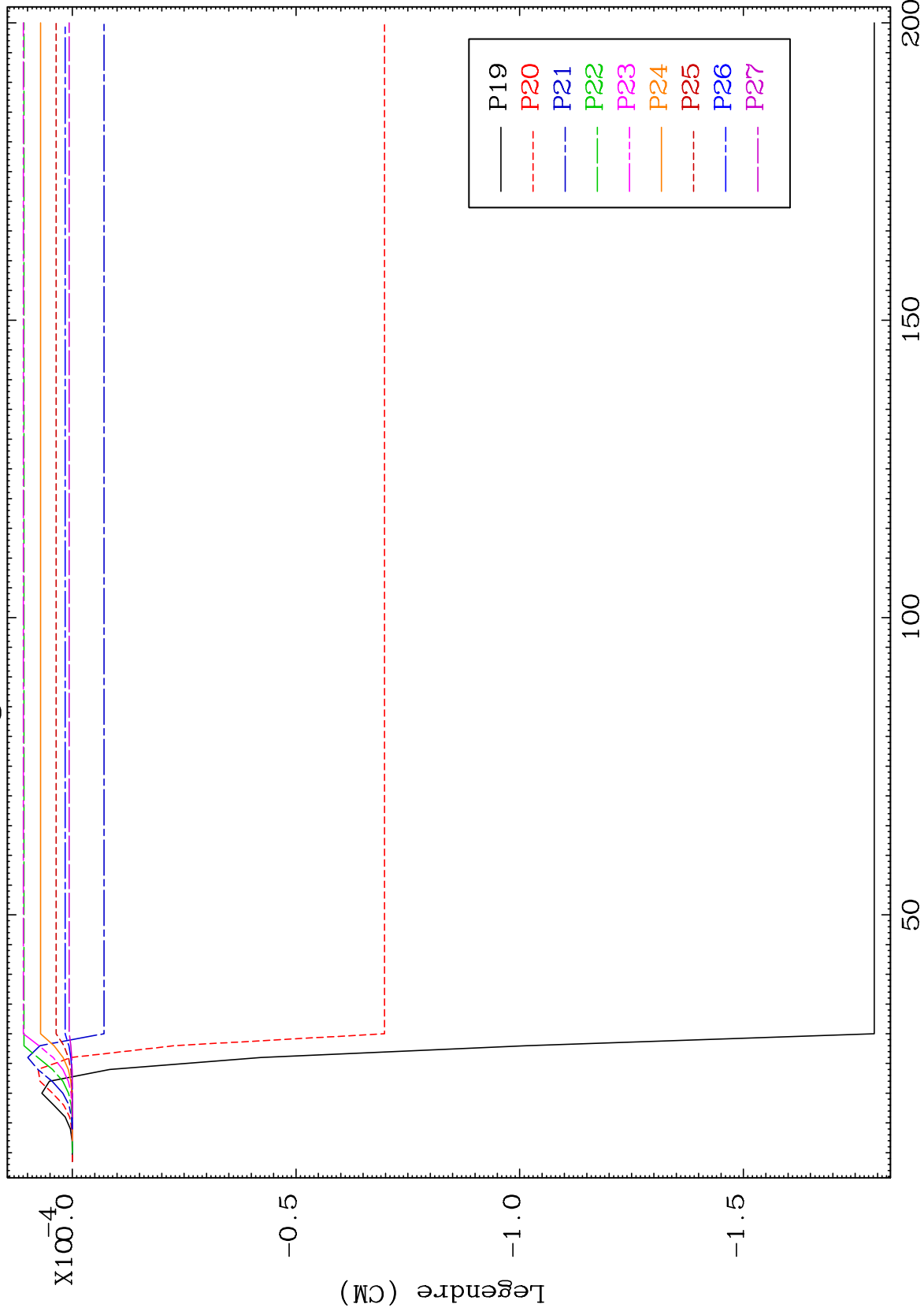
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



78

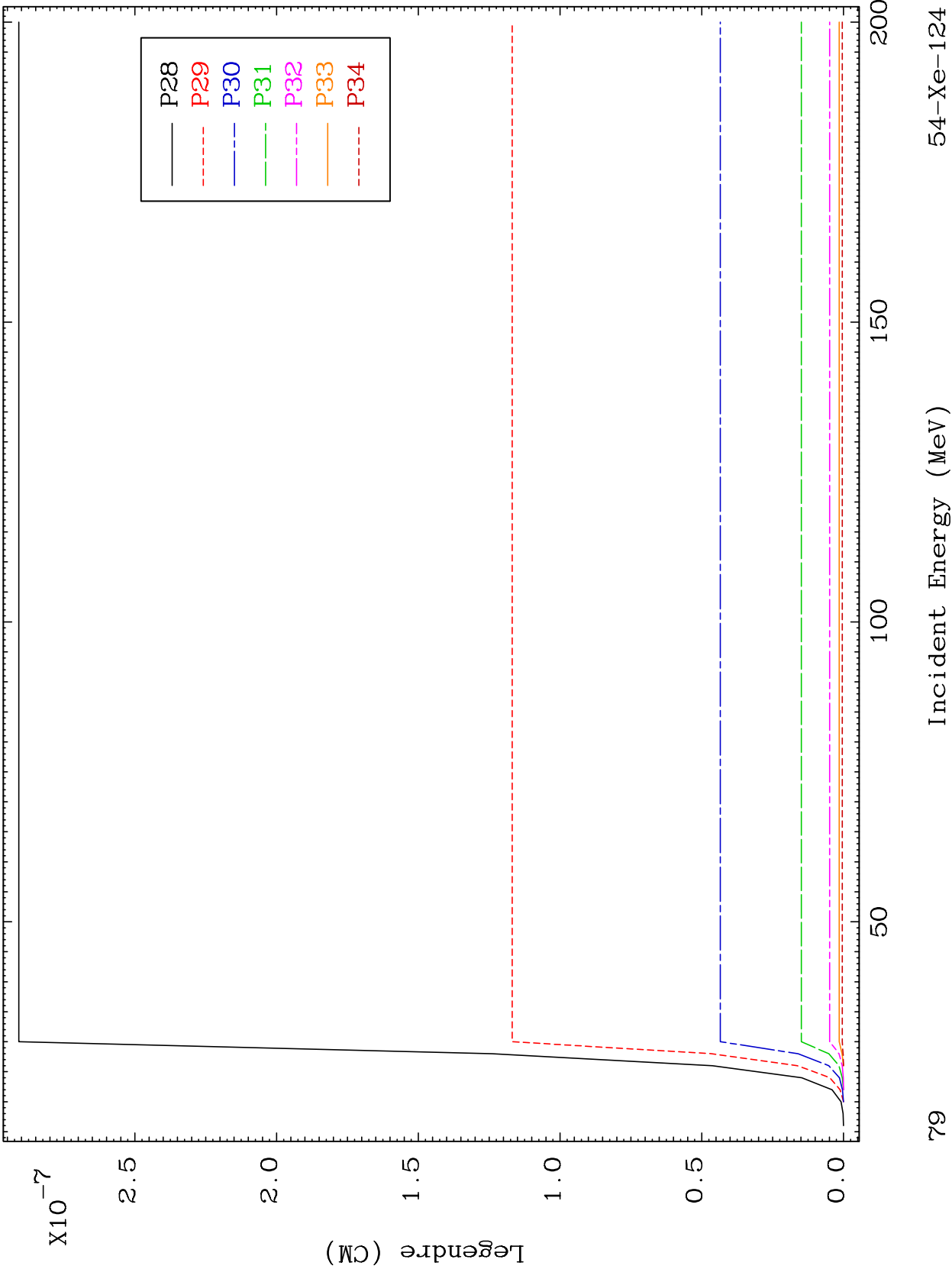
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

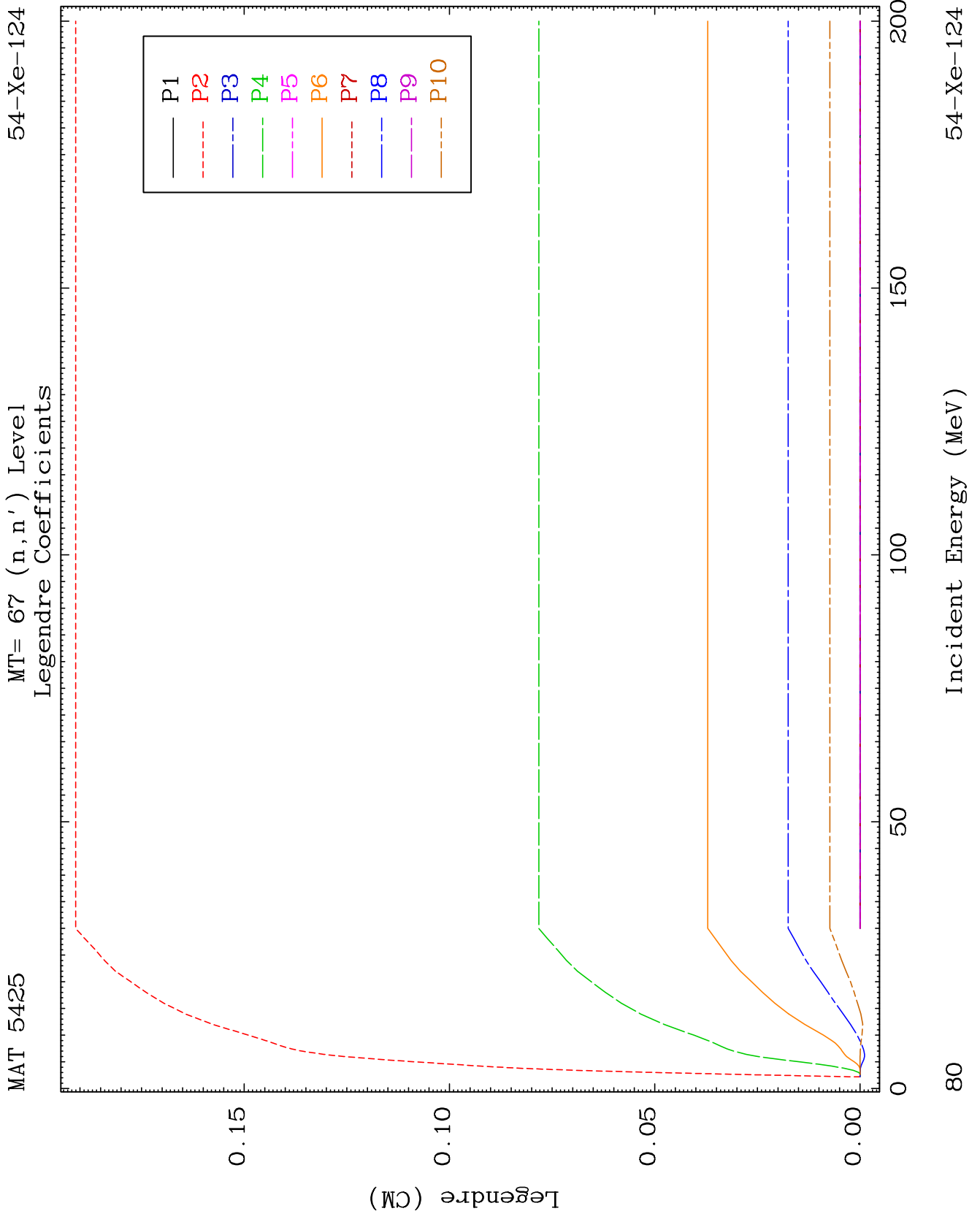
54-Xe-124



79

Incident Energy (MeV)

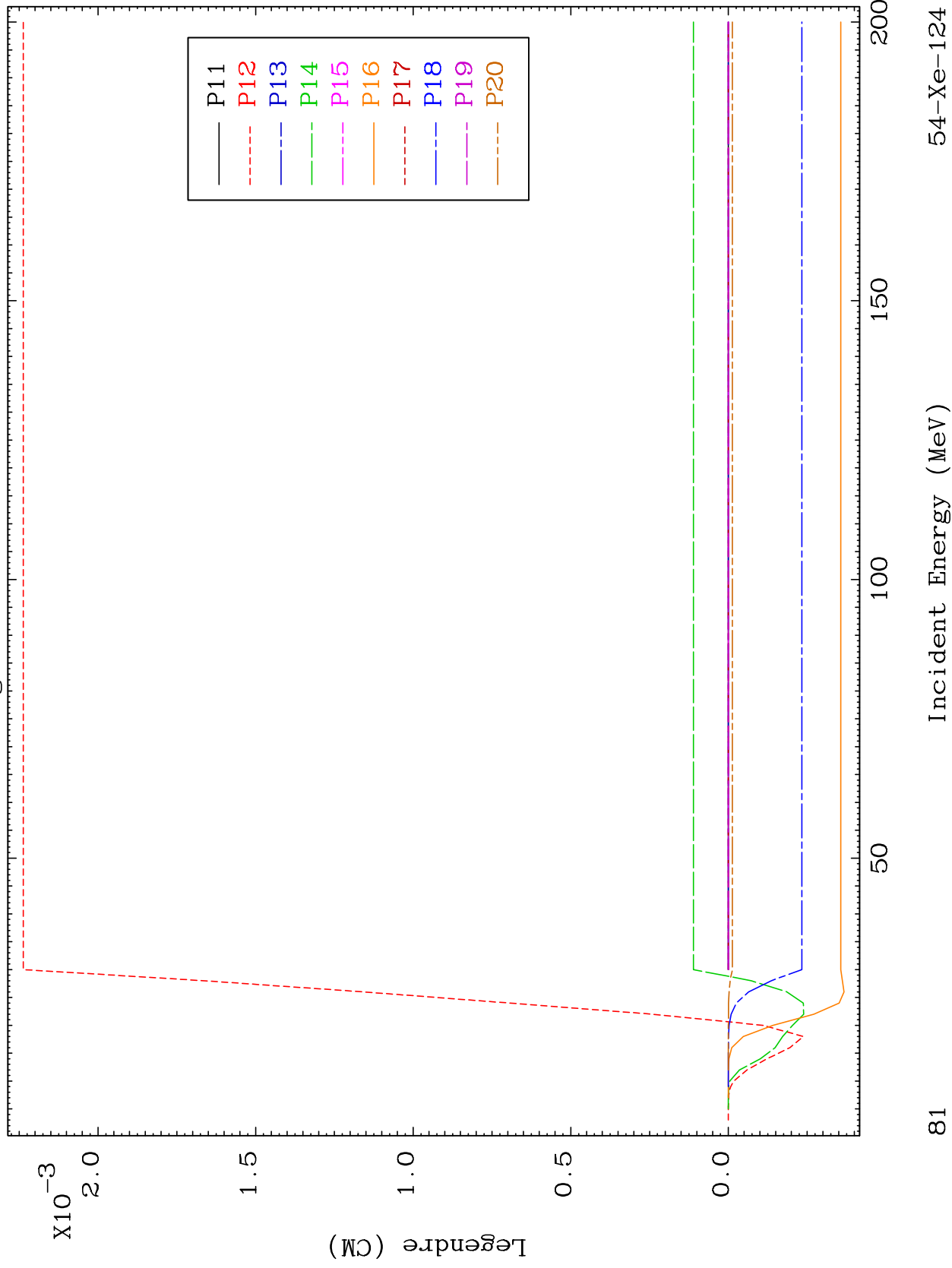
54-Xe-124

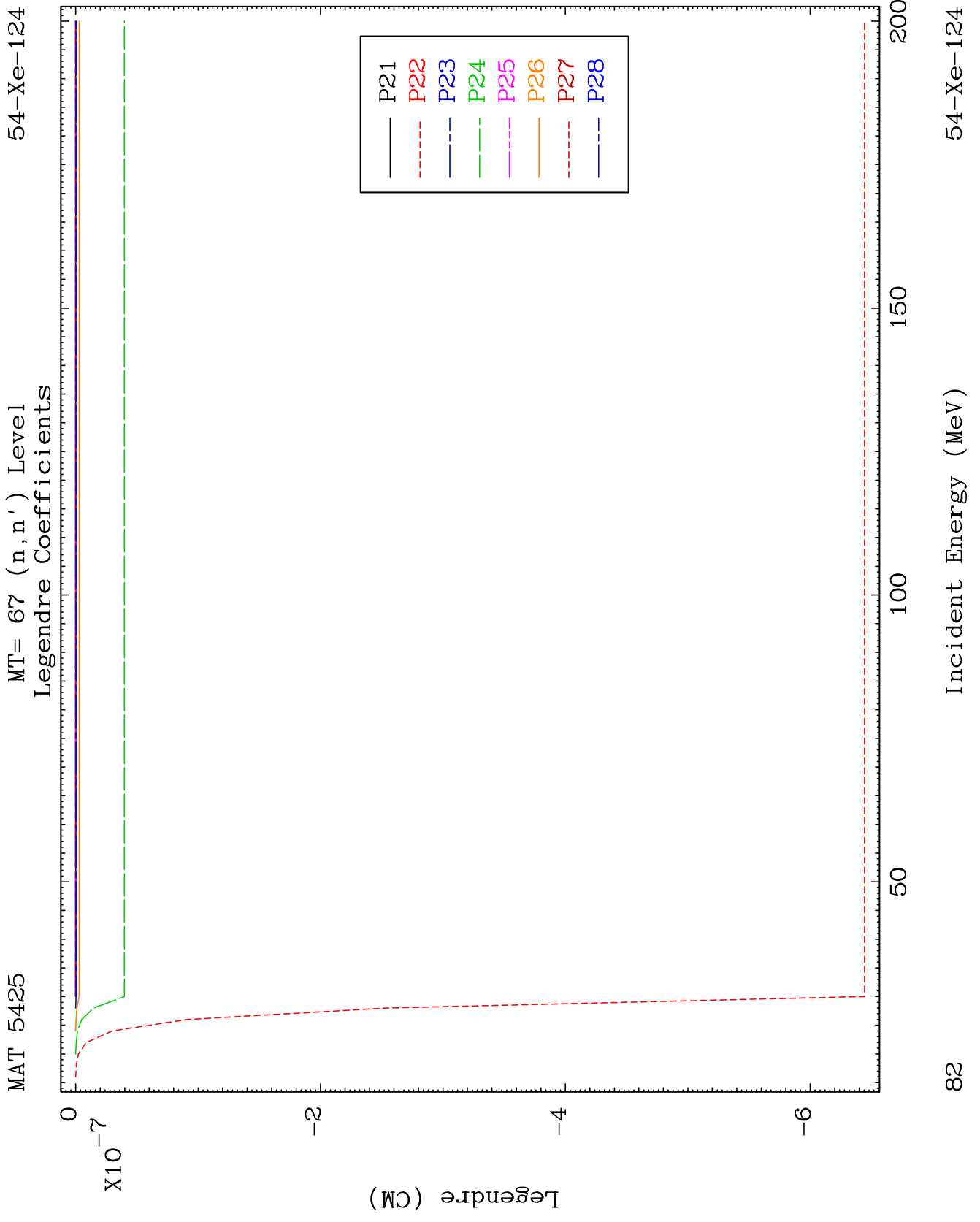


MAT 5425

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

54-Xe-124

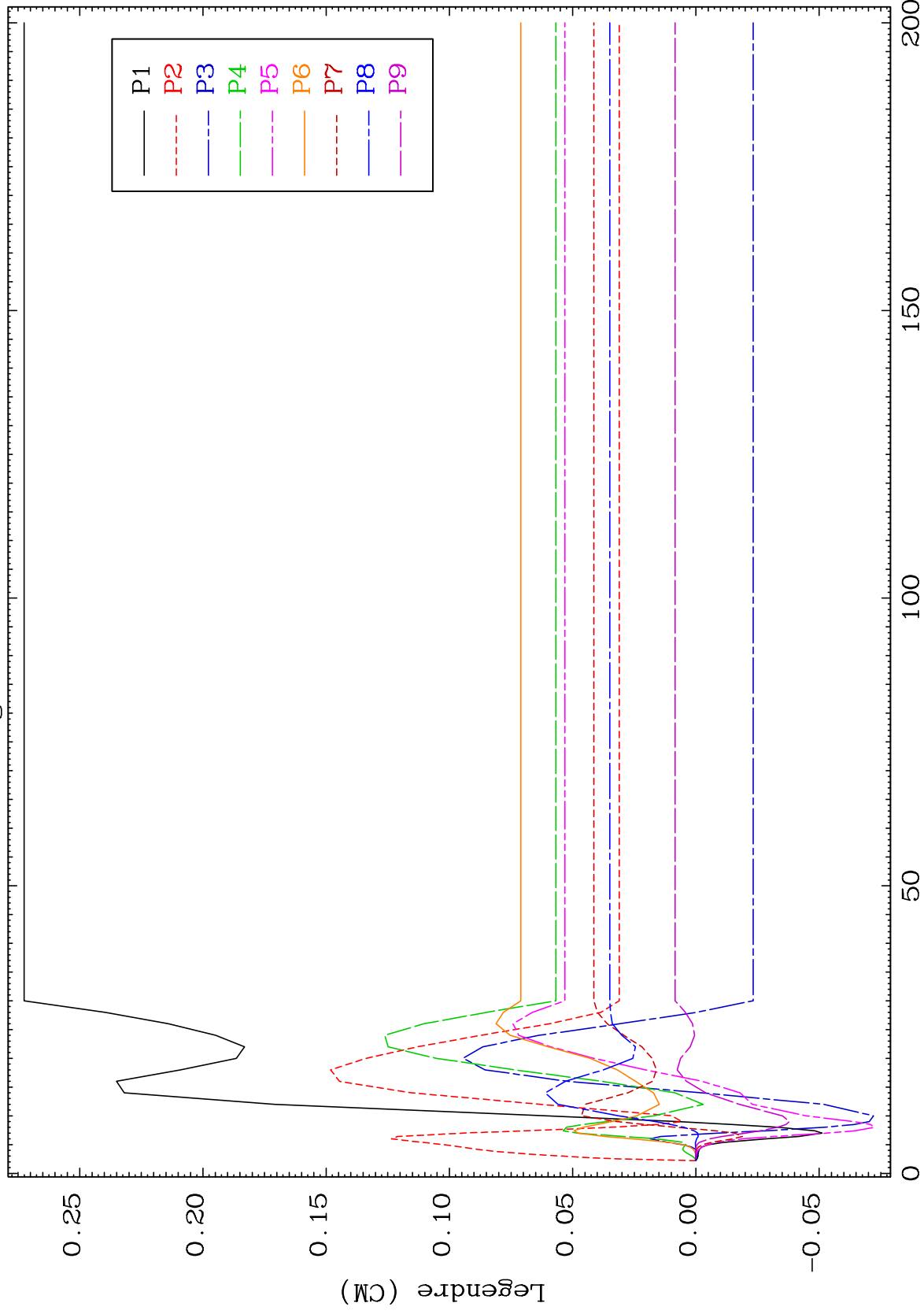




MAT 5425

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

54-Xe-124



54-Xe-124

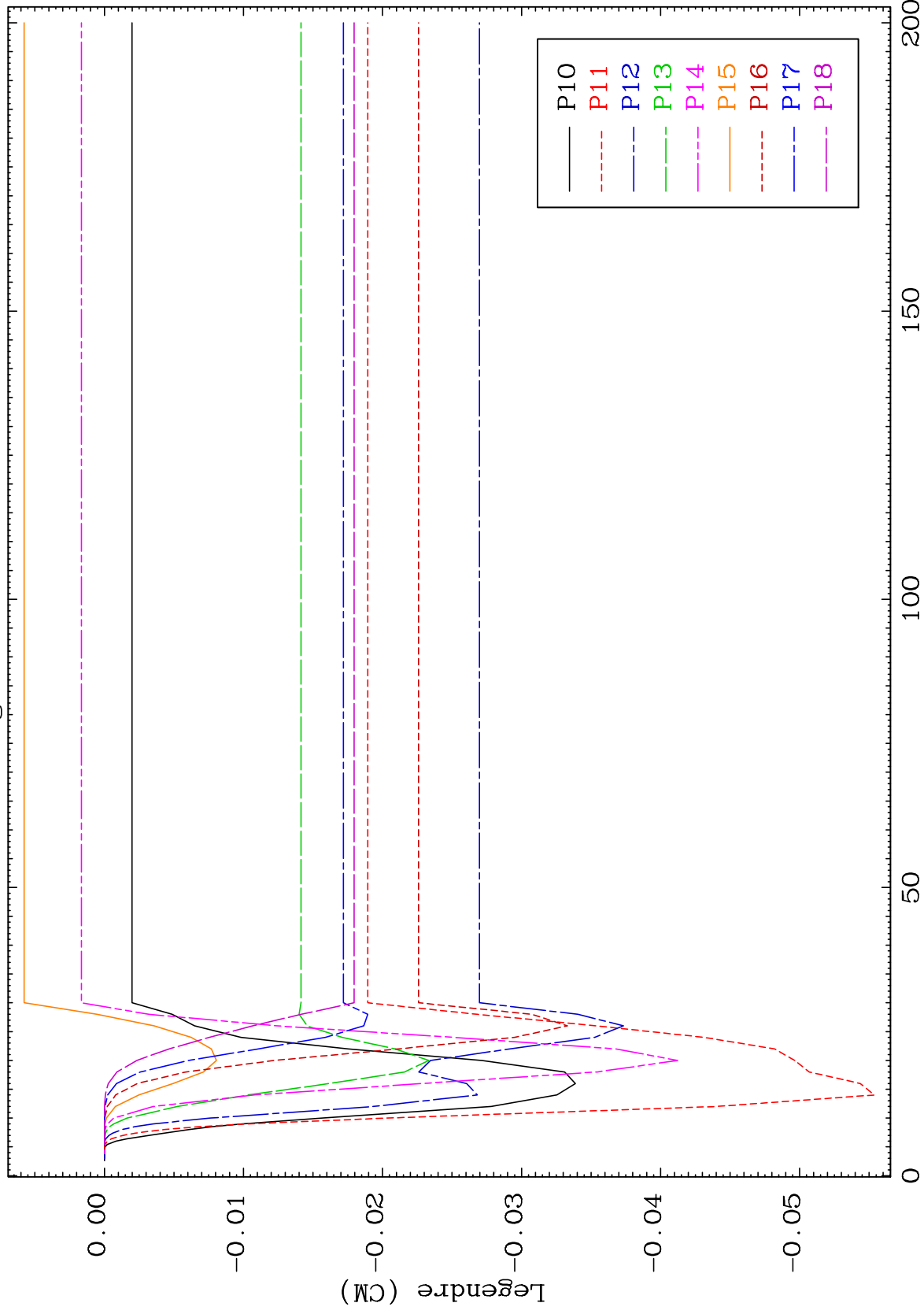
Incident Energy (MeV)

83

MAT 5425

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

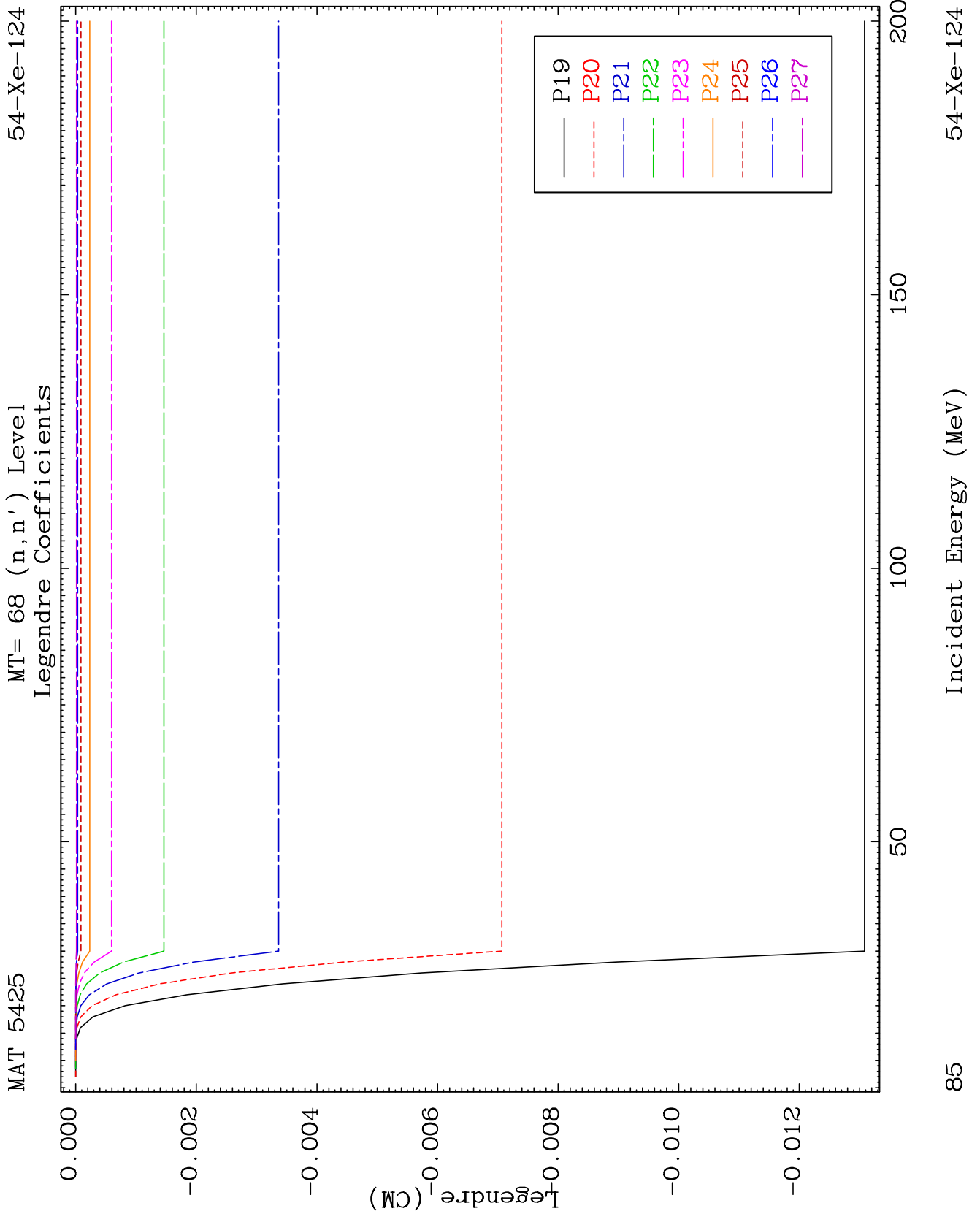
54-Xe-124

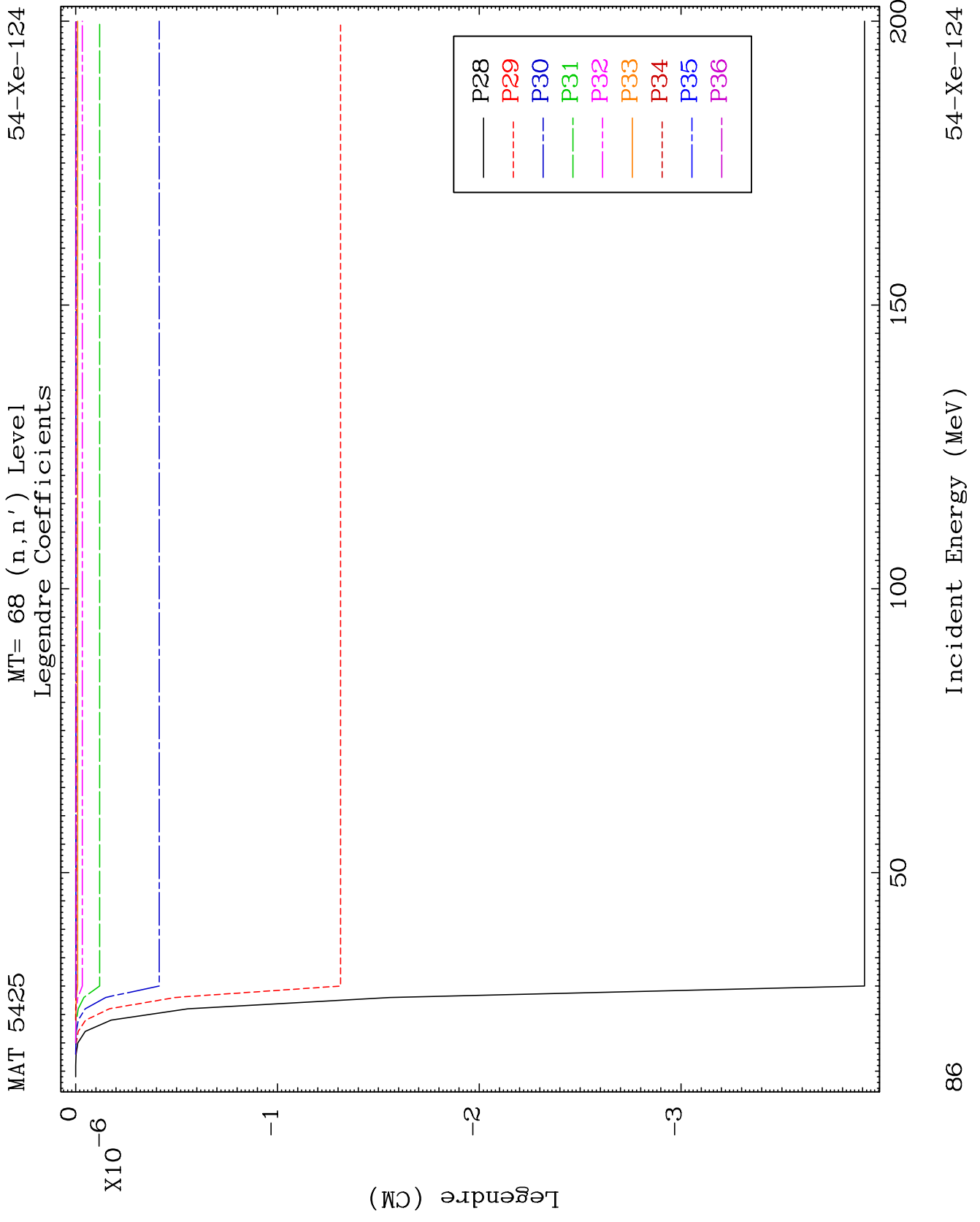


84

Incident Energy (MeV)

54-Xe-124

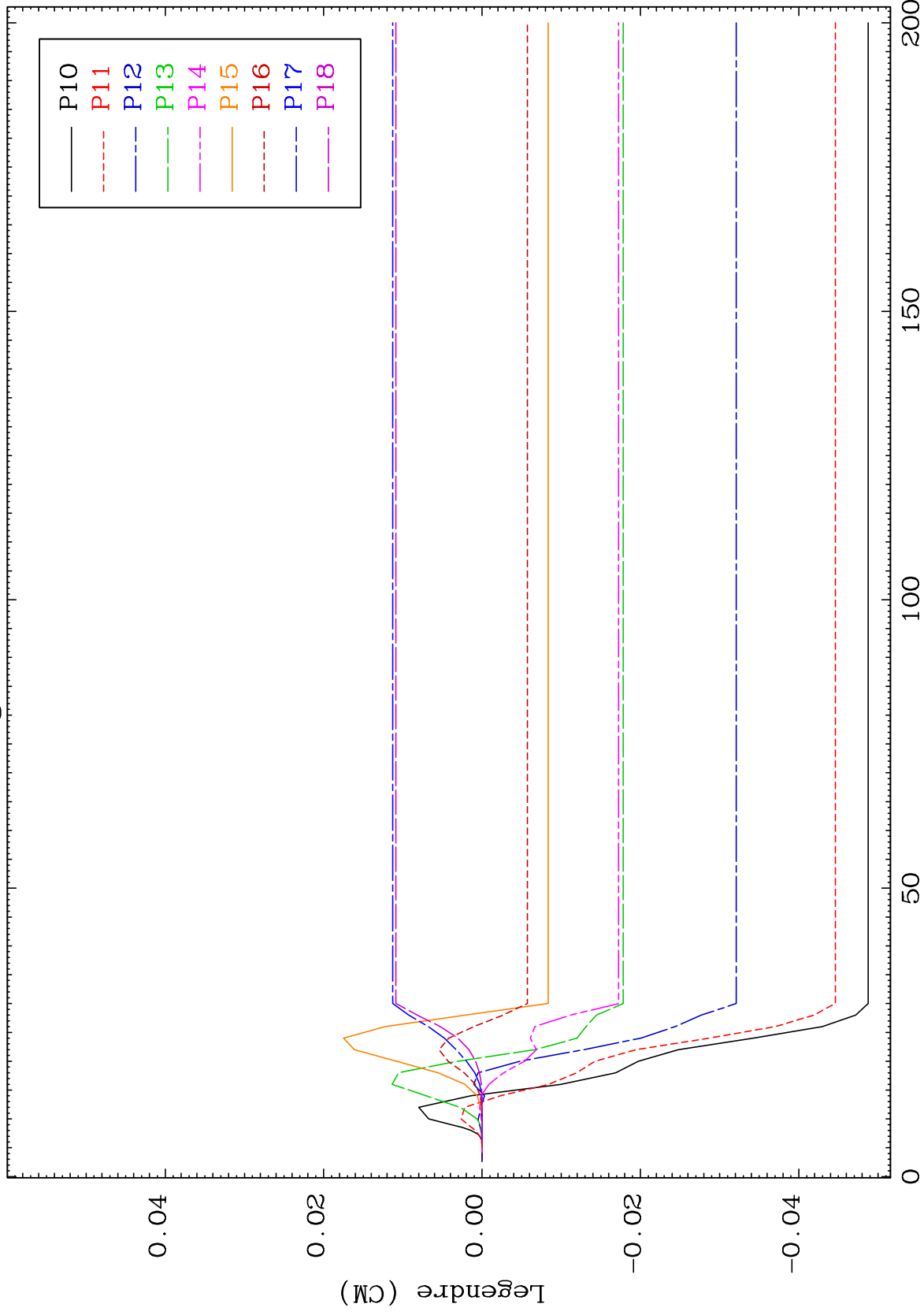




MAT 5425

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

54-Xe-124



88

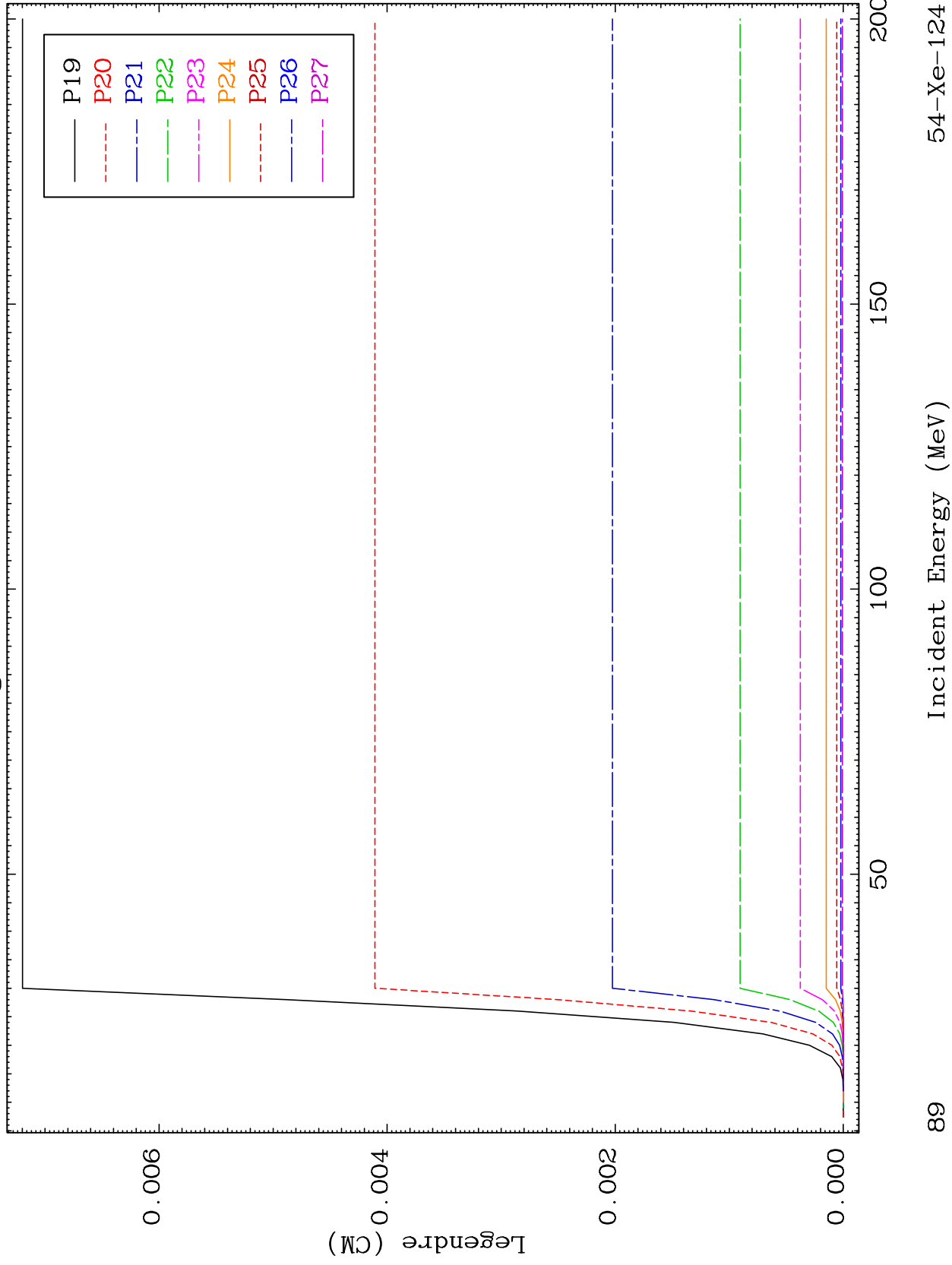
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



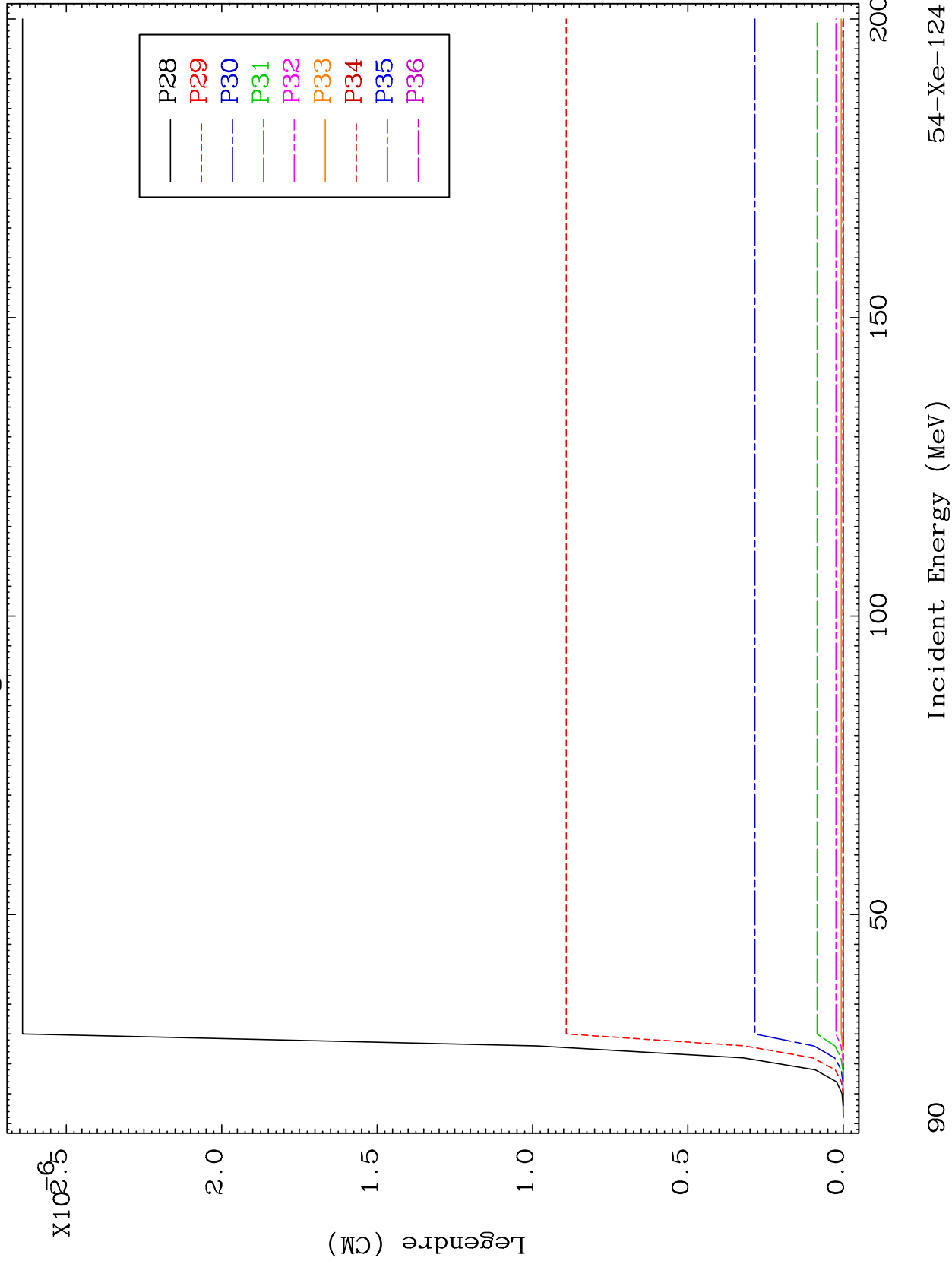
89

54-Xe-124

MAT 5425

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

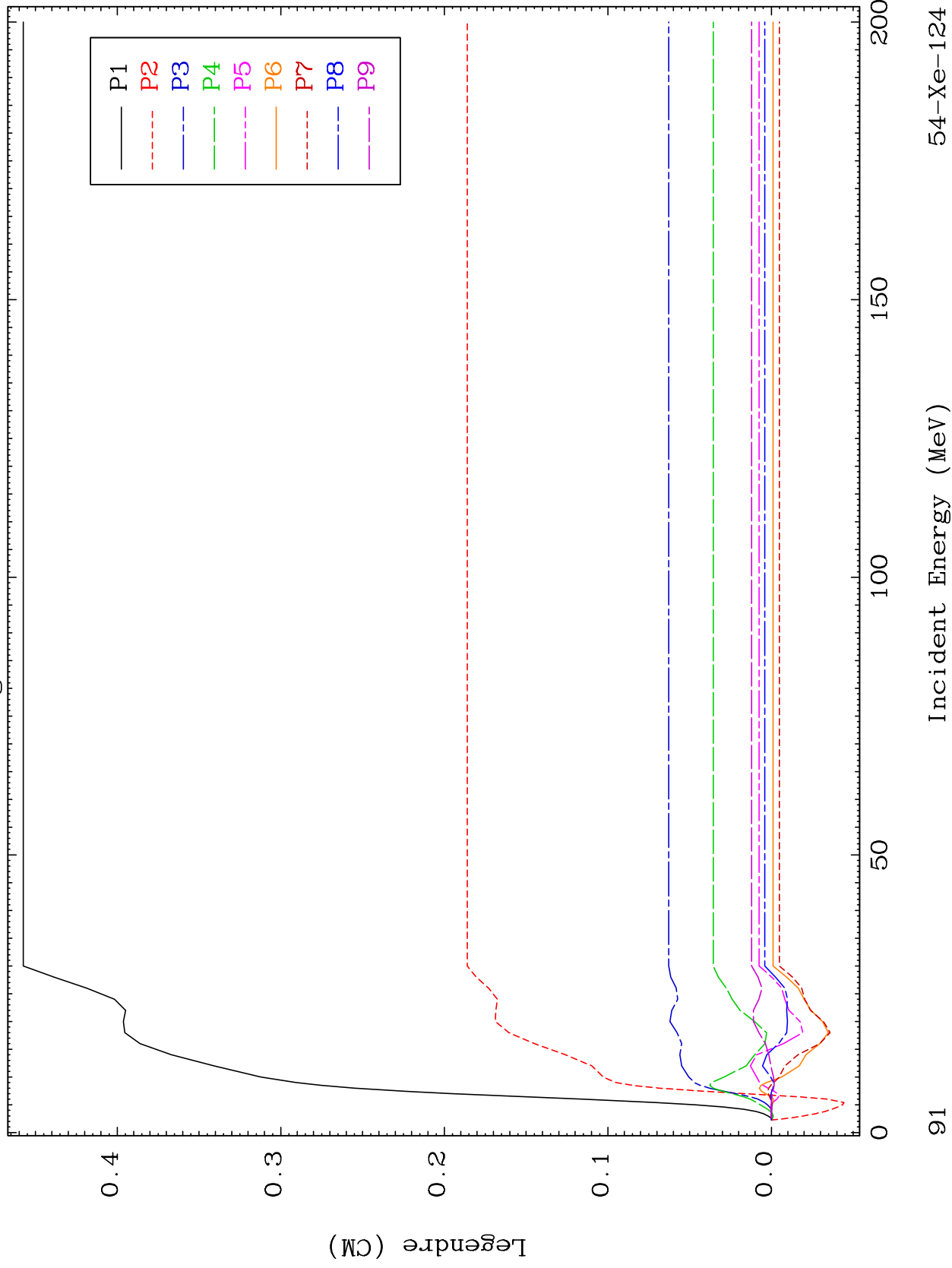
54-Xe-124



MAT 5425

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

54-Xe-124



54-Xe-124

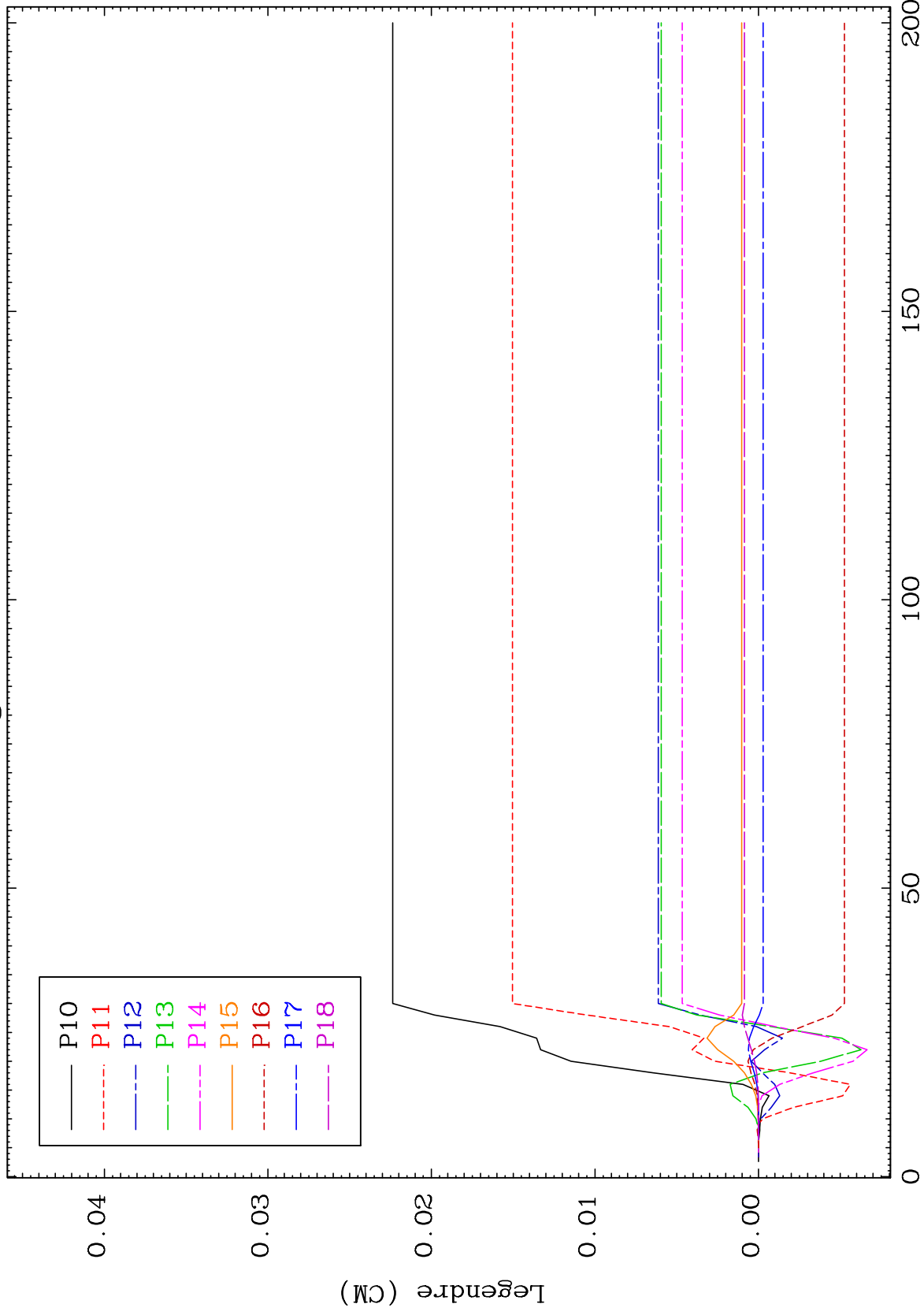
Incident Energy (MeV)

91

MAT 5425

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

54-Xe-124



92

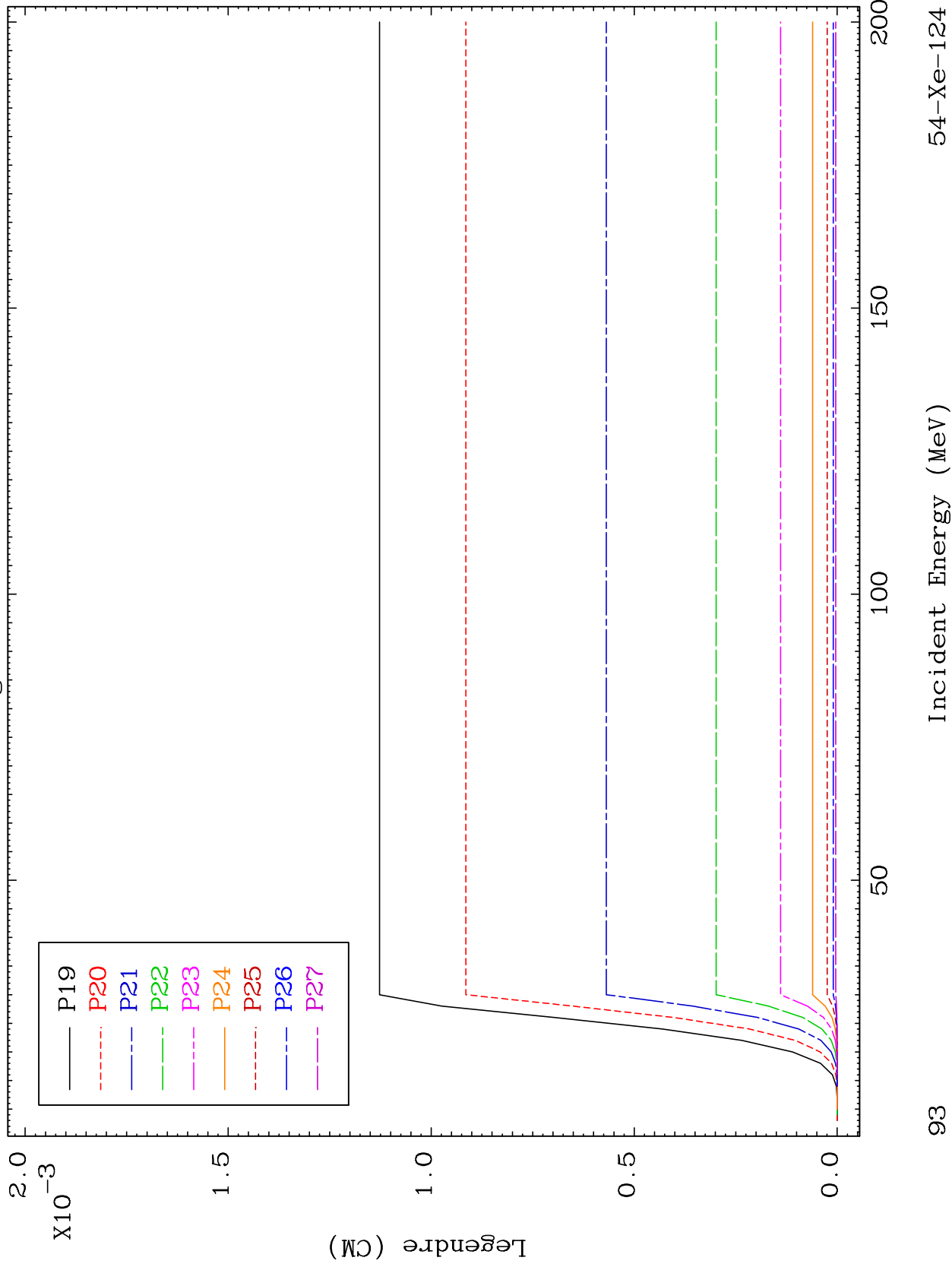
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

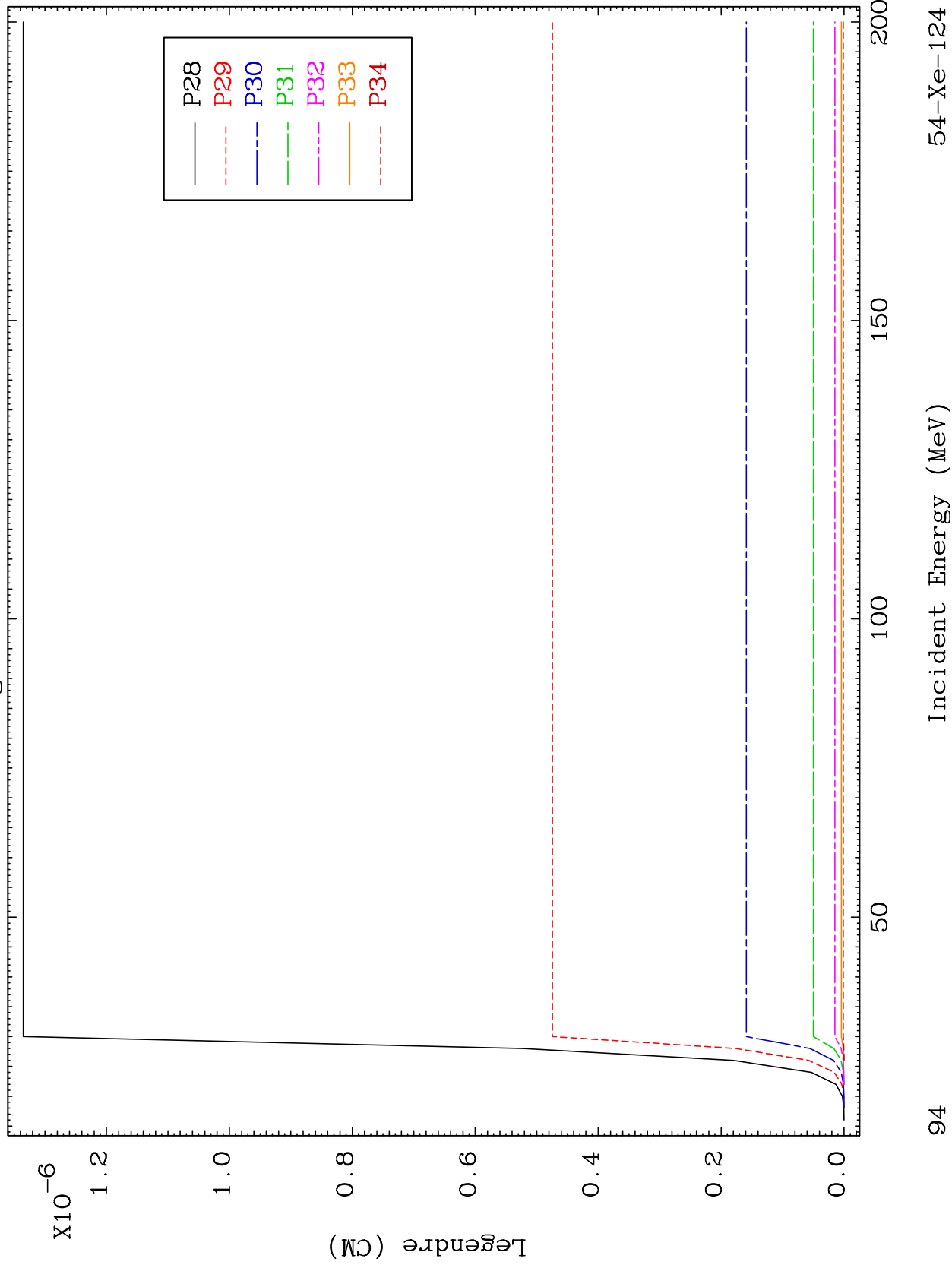
54-Xe-124



MAT 5425

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

54-Xe-124

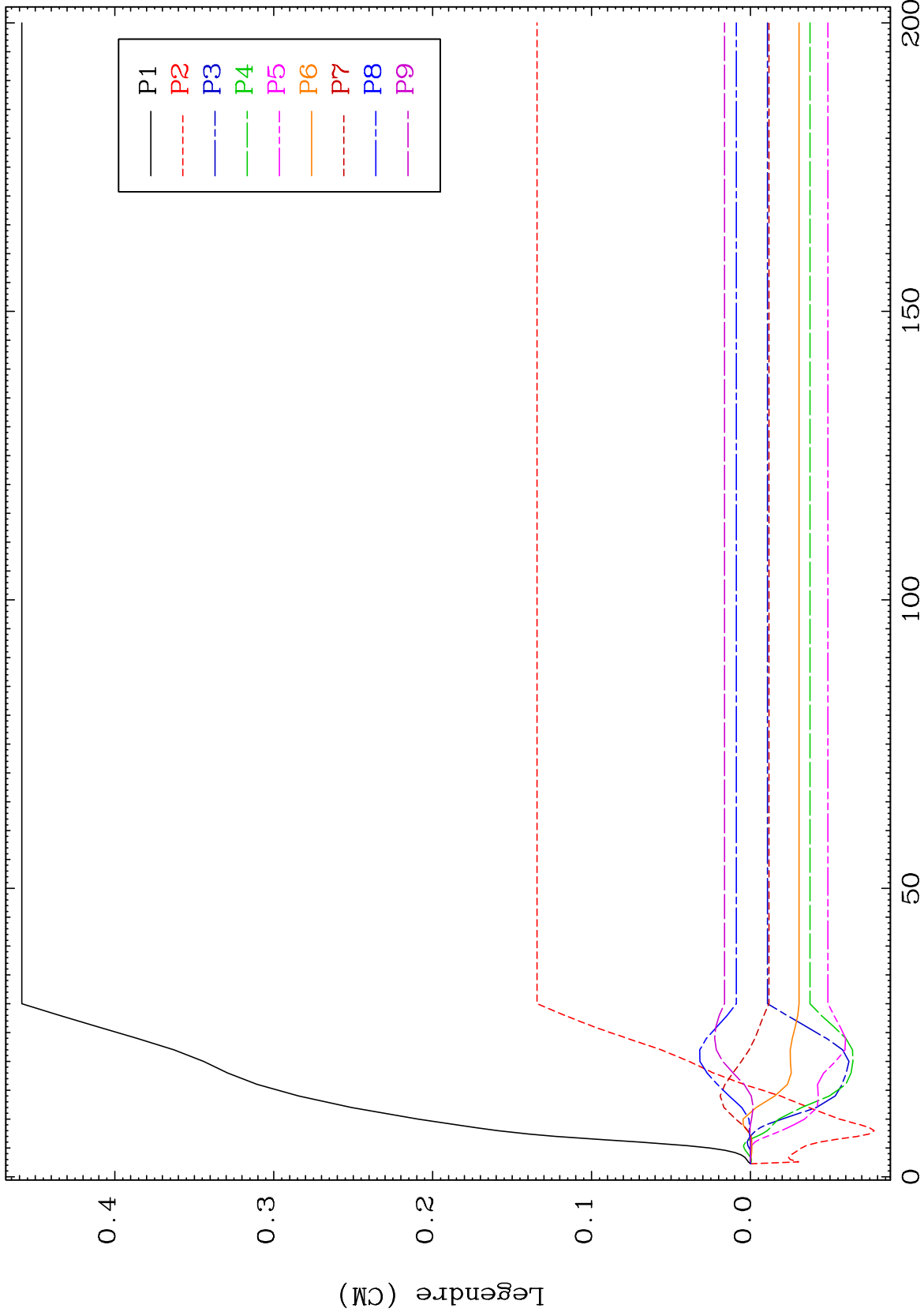


94

MAT 5425

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

54-Xe-124



95

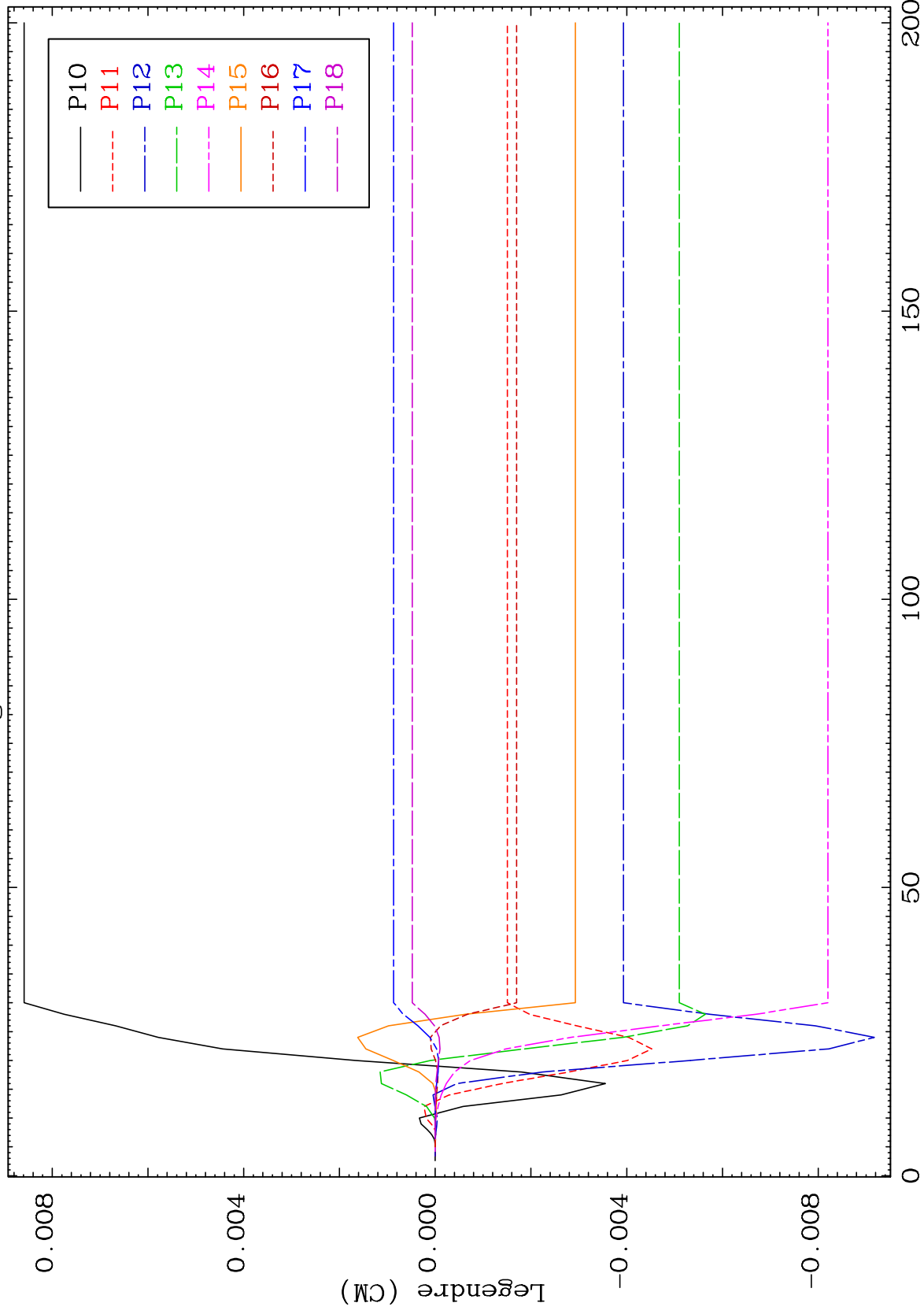
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



96

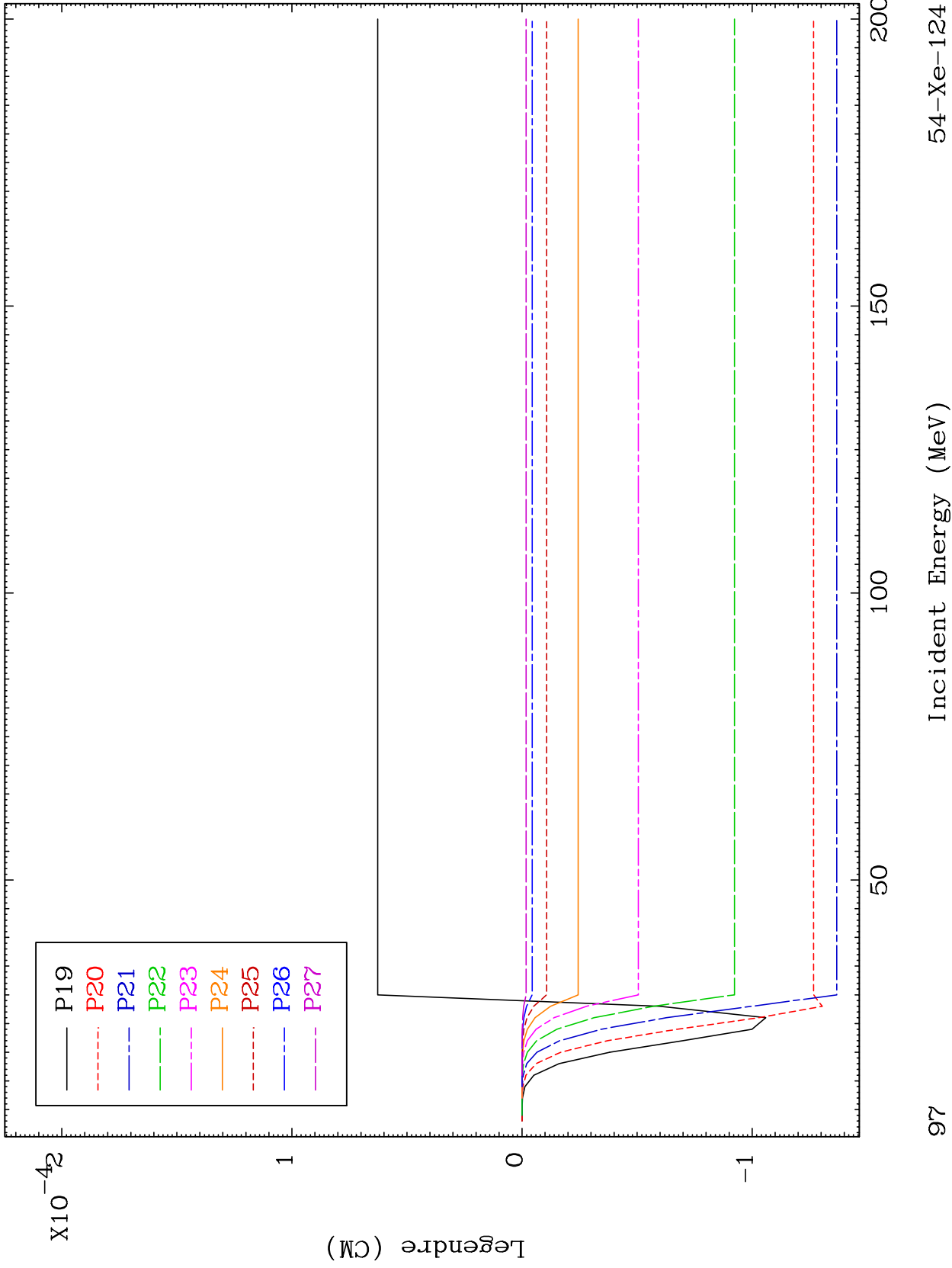
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

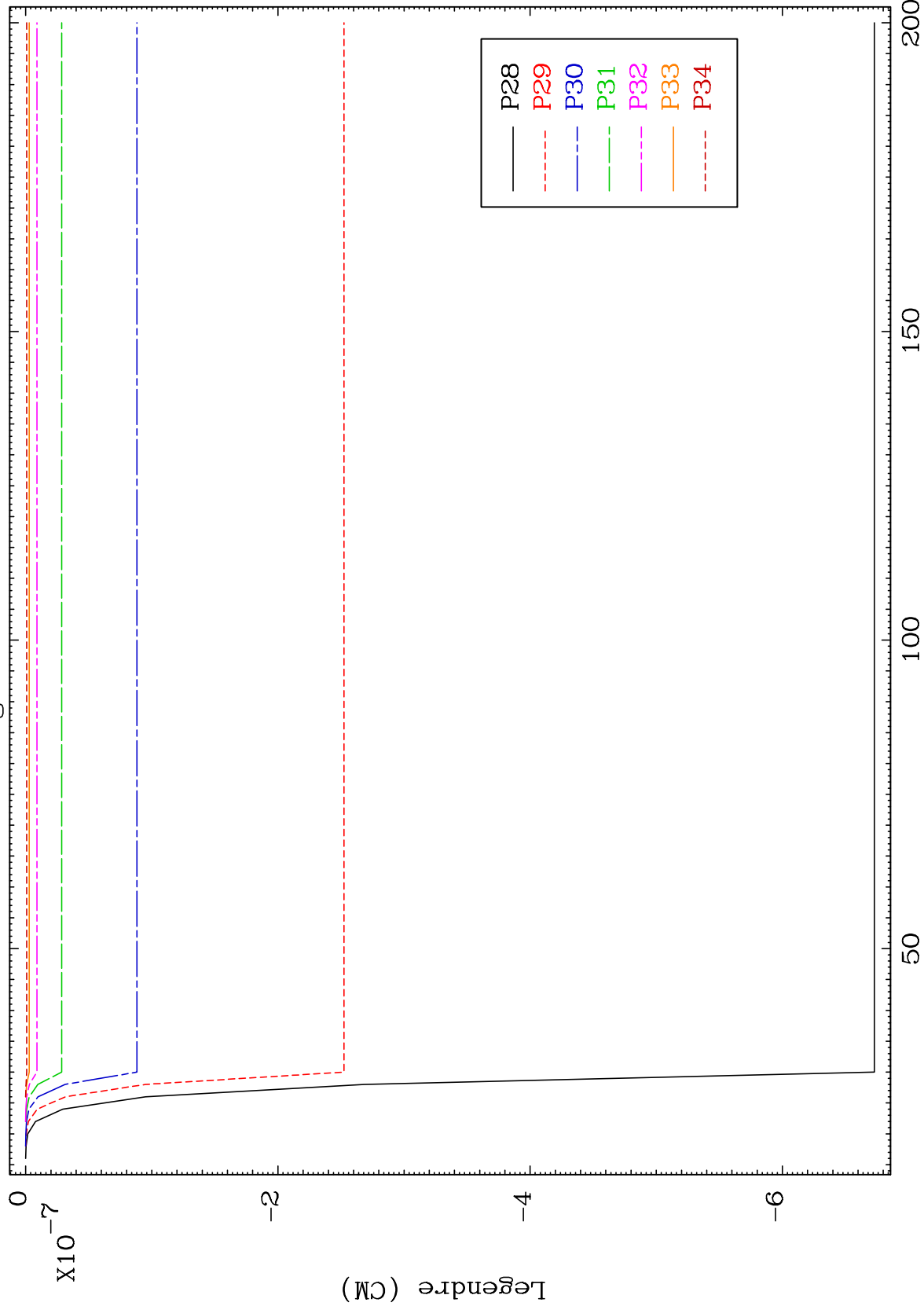
54-Xe-124



MAT 5425

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

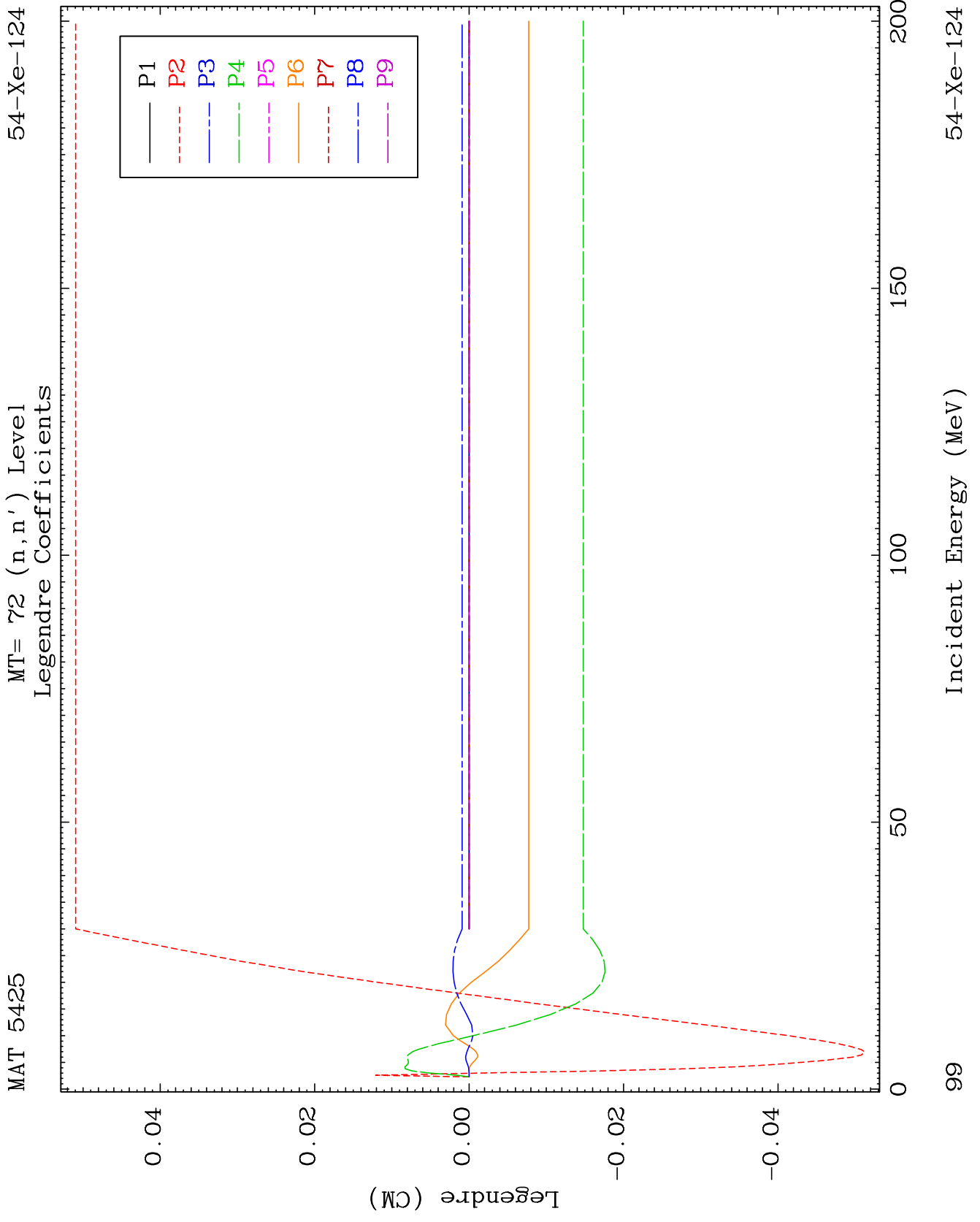
54-Xe-124



98

Incident Energy (MeV)

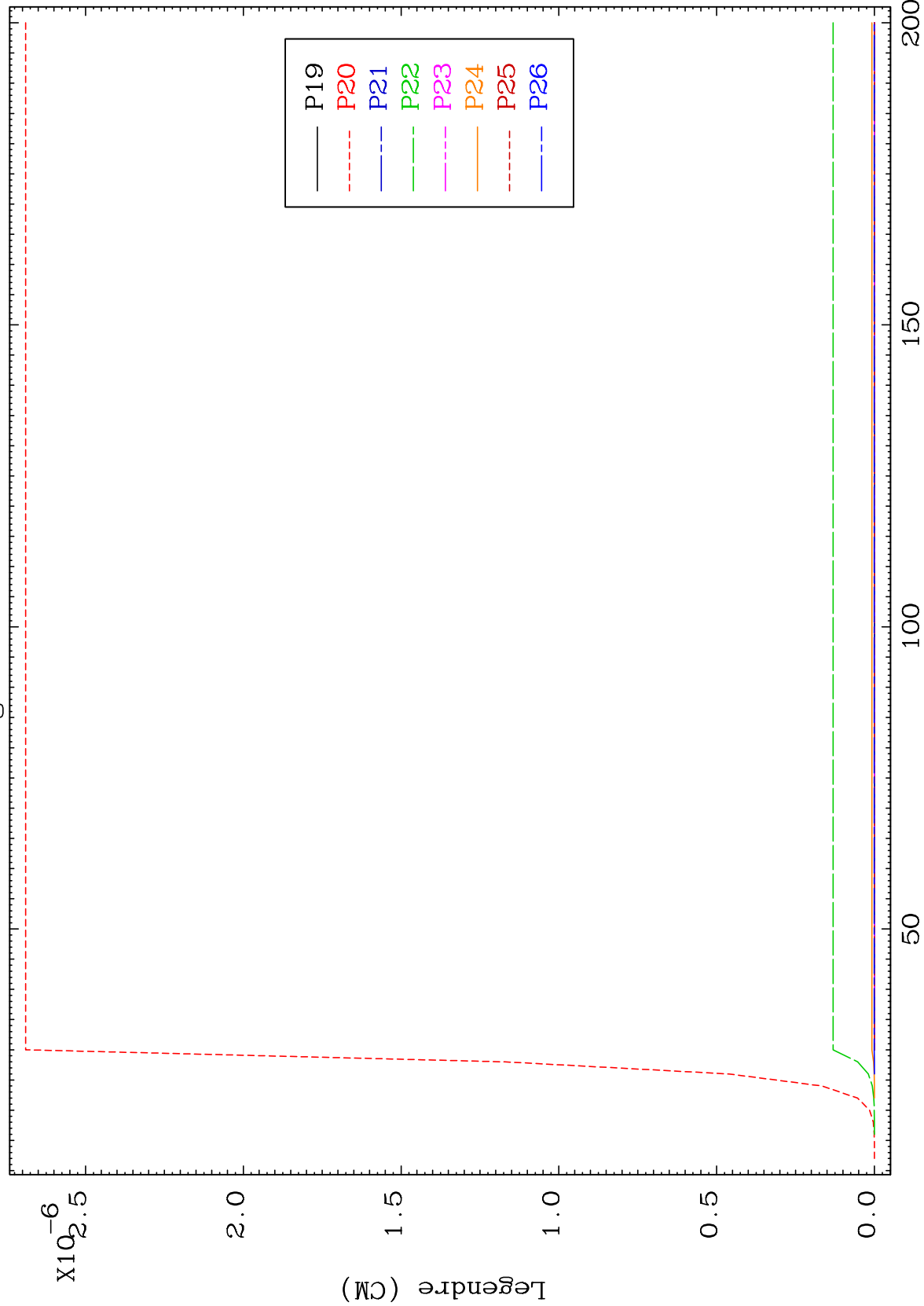
54-Xe-124



MAT 5425

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

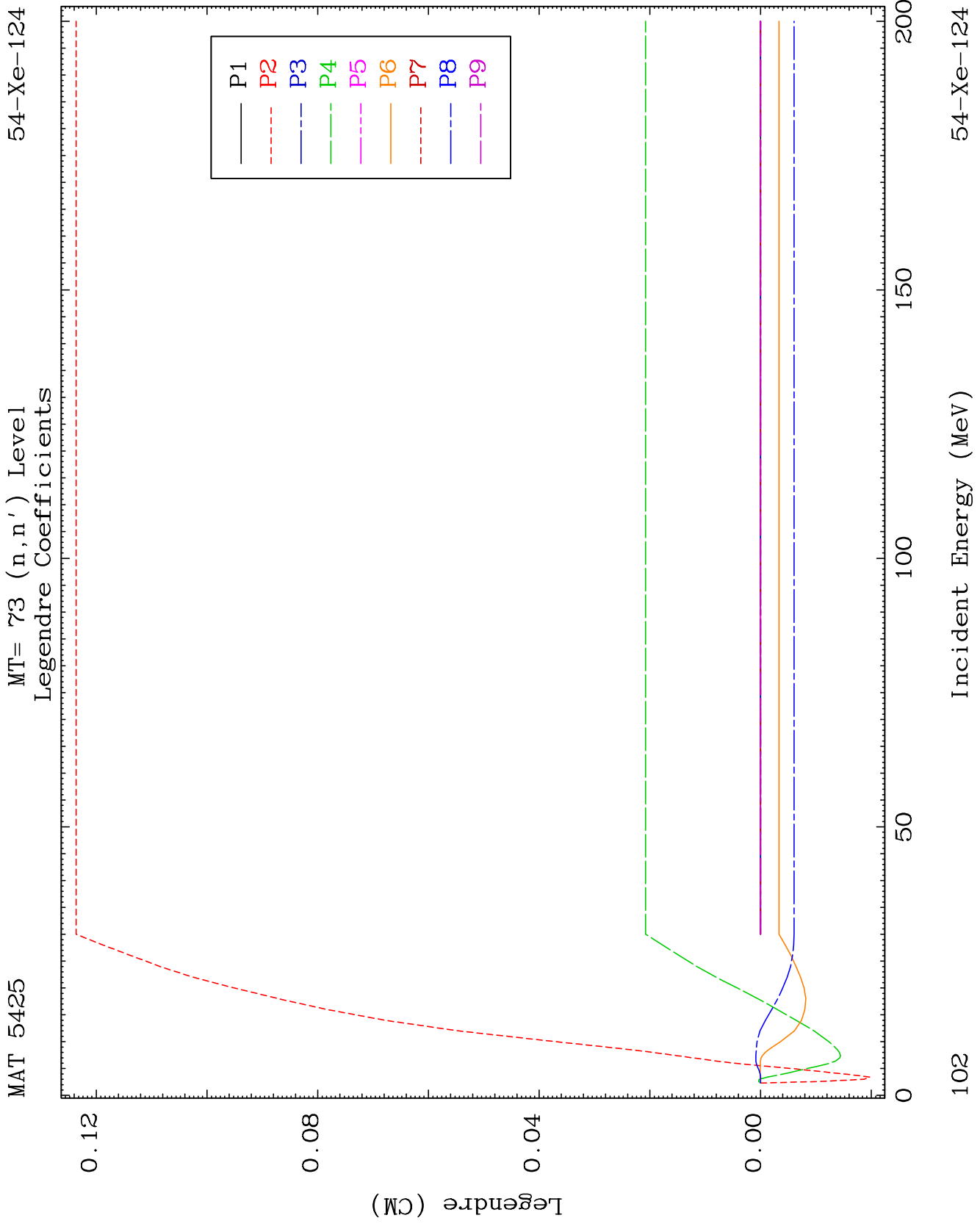
54-Xe-124



54-Xe-124

Incident Energy (MeV)

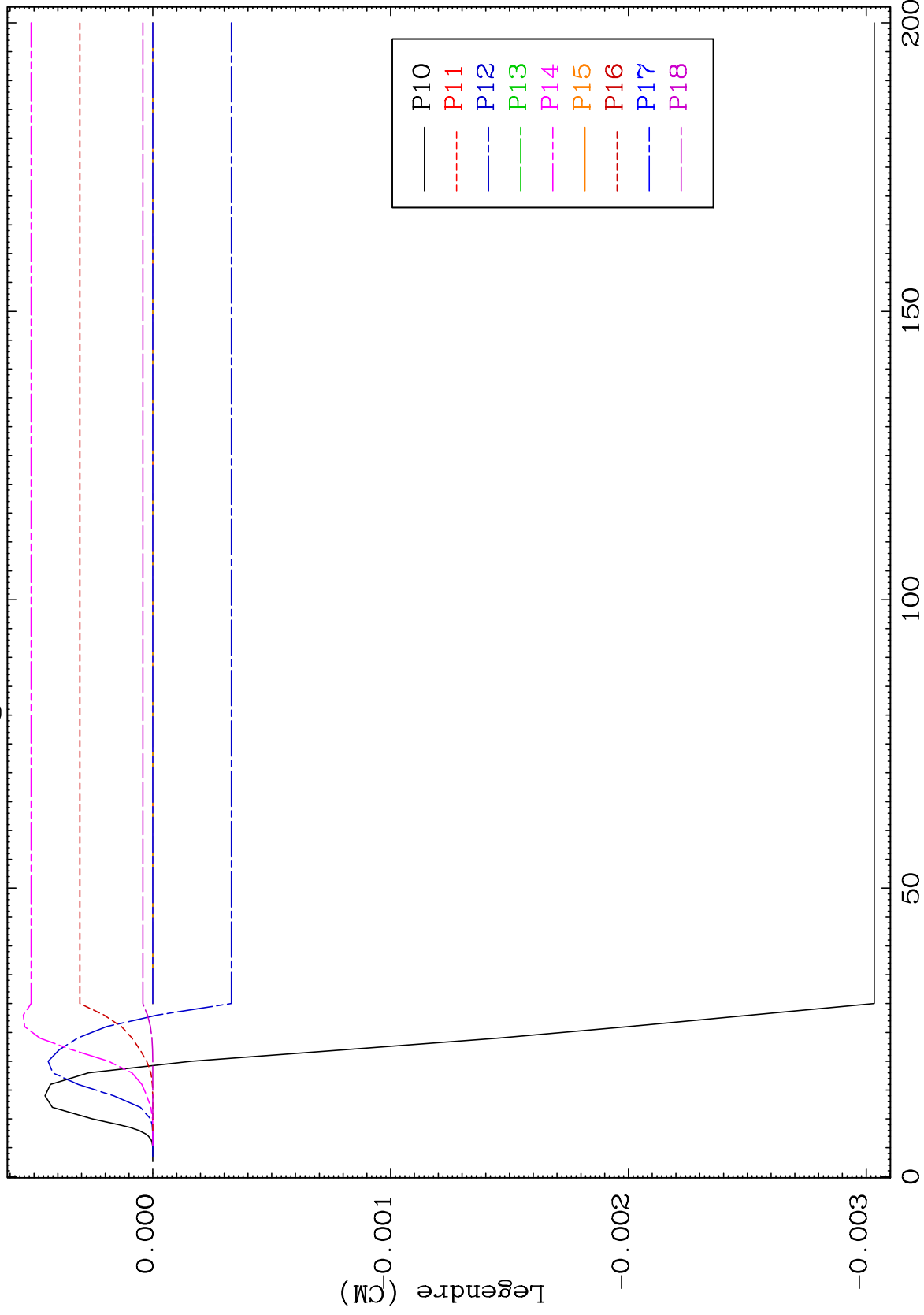
101



MAT 5425

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

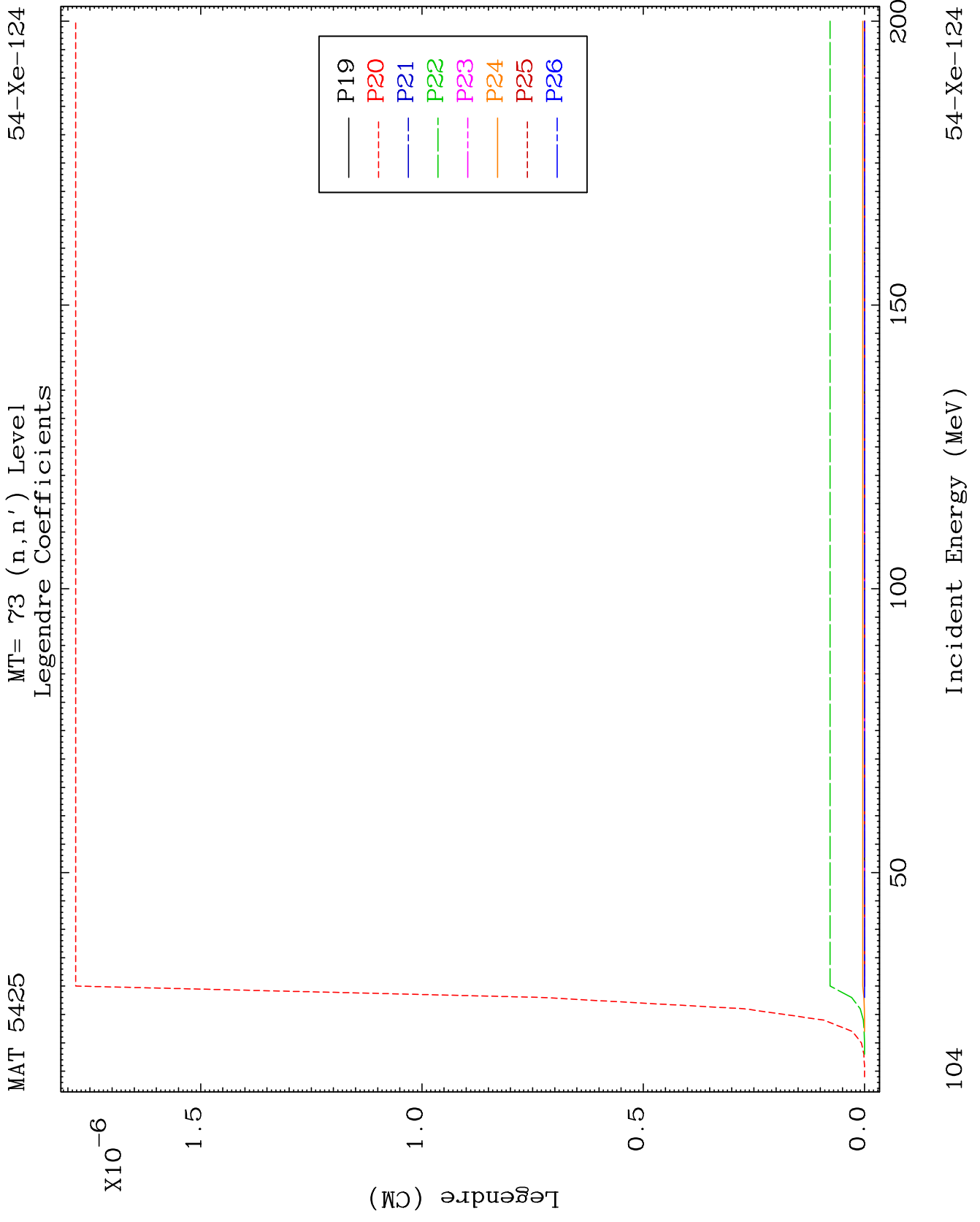
54-Xe-124



103

Incident Energy (MeV)

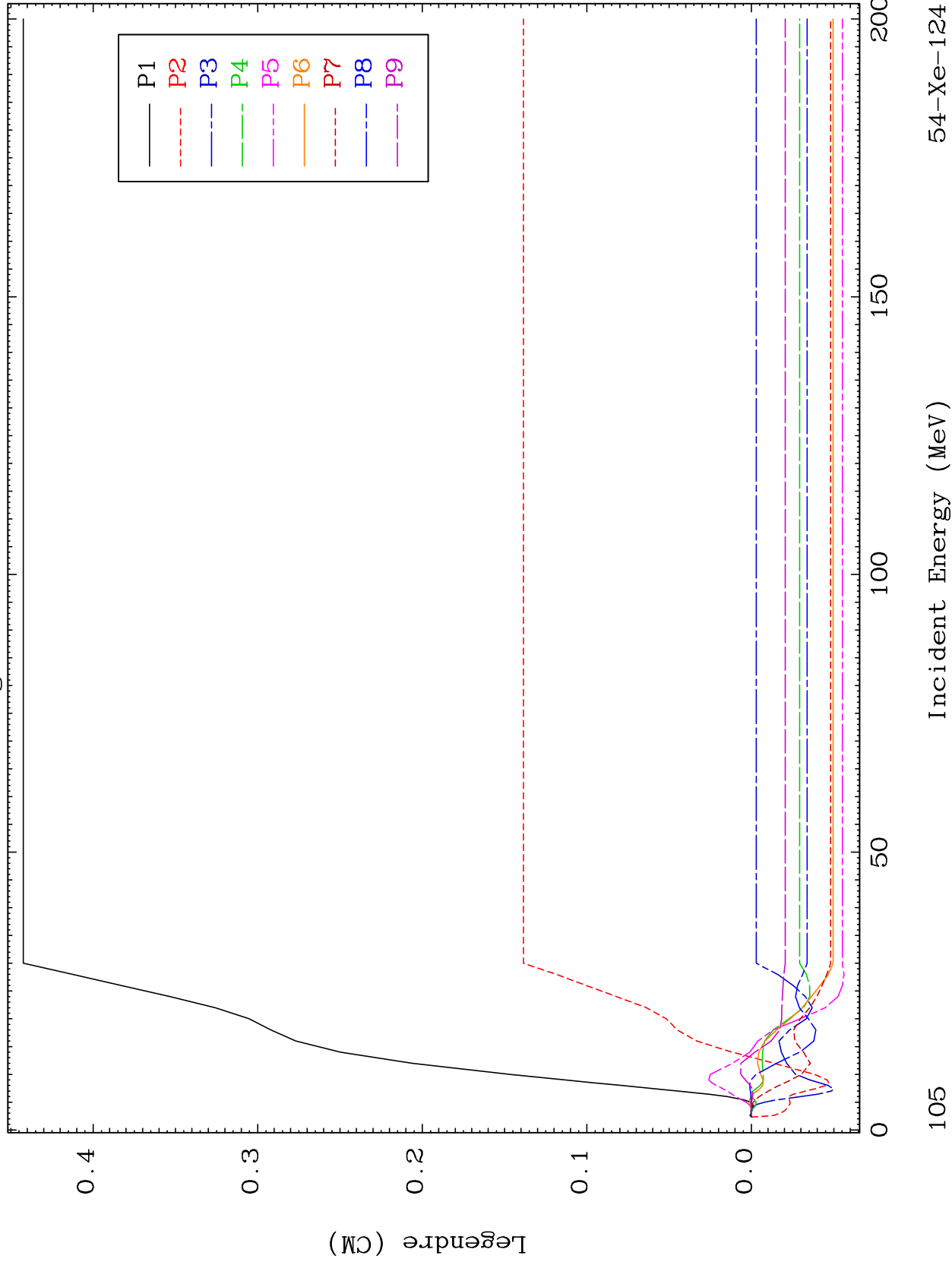
54-Xe-124



MAT 5425

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

54-Xe-124



54-Xe-124

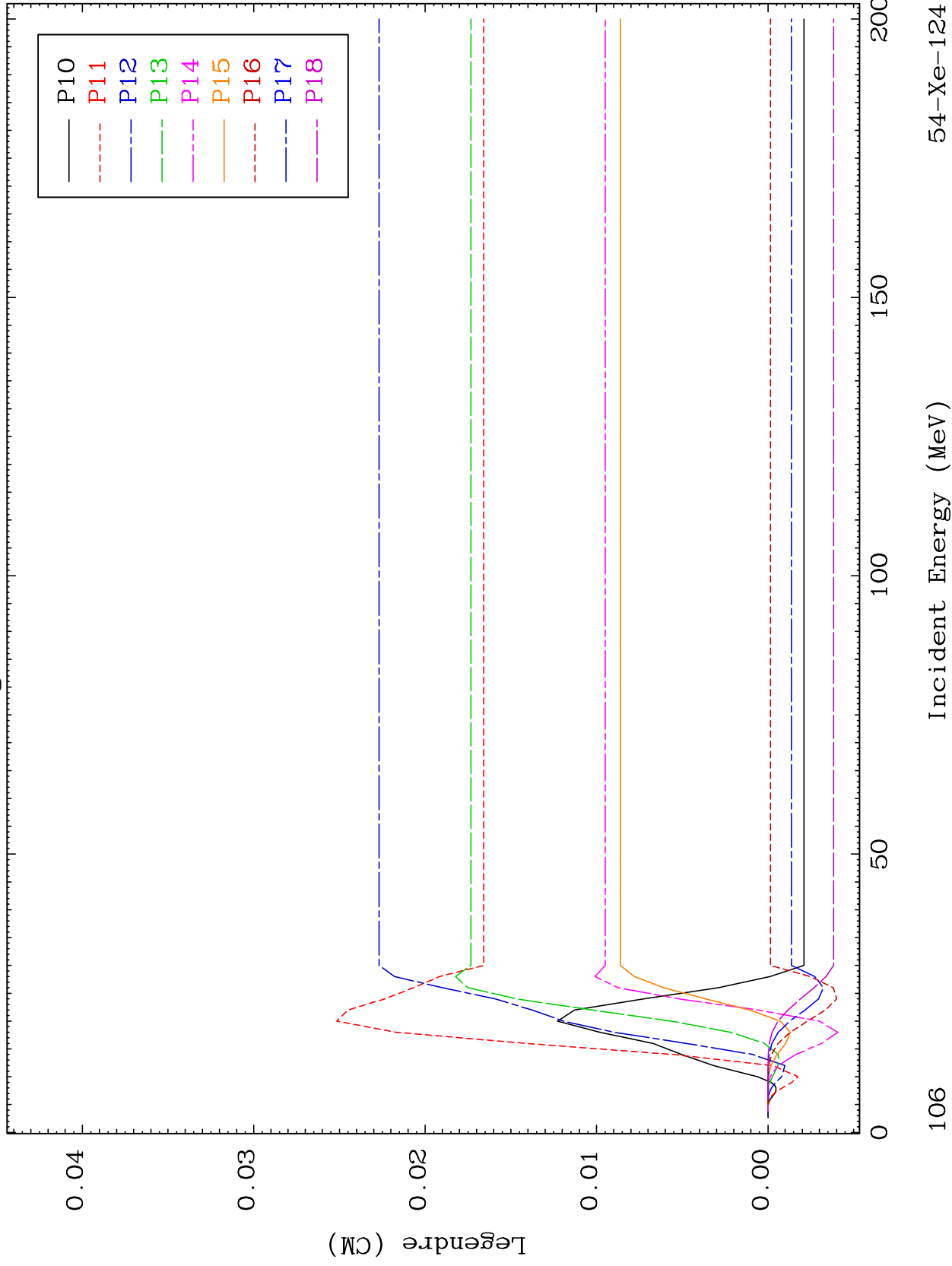
Incident Energy (MeV)

105

MAT 5425

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

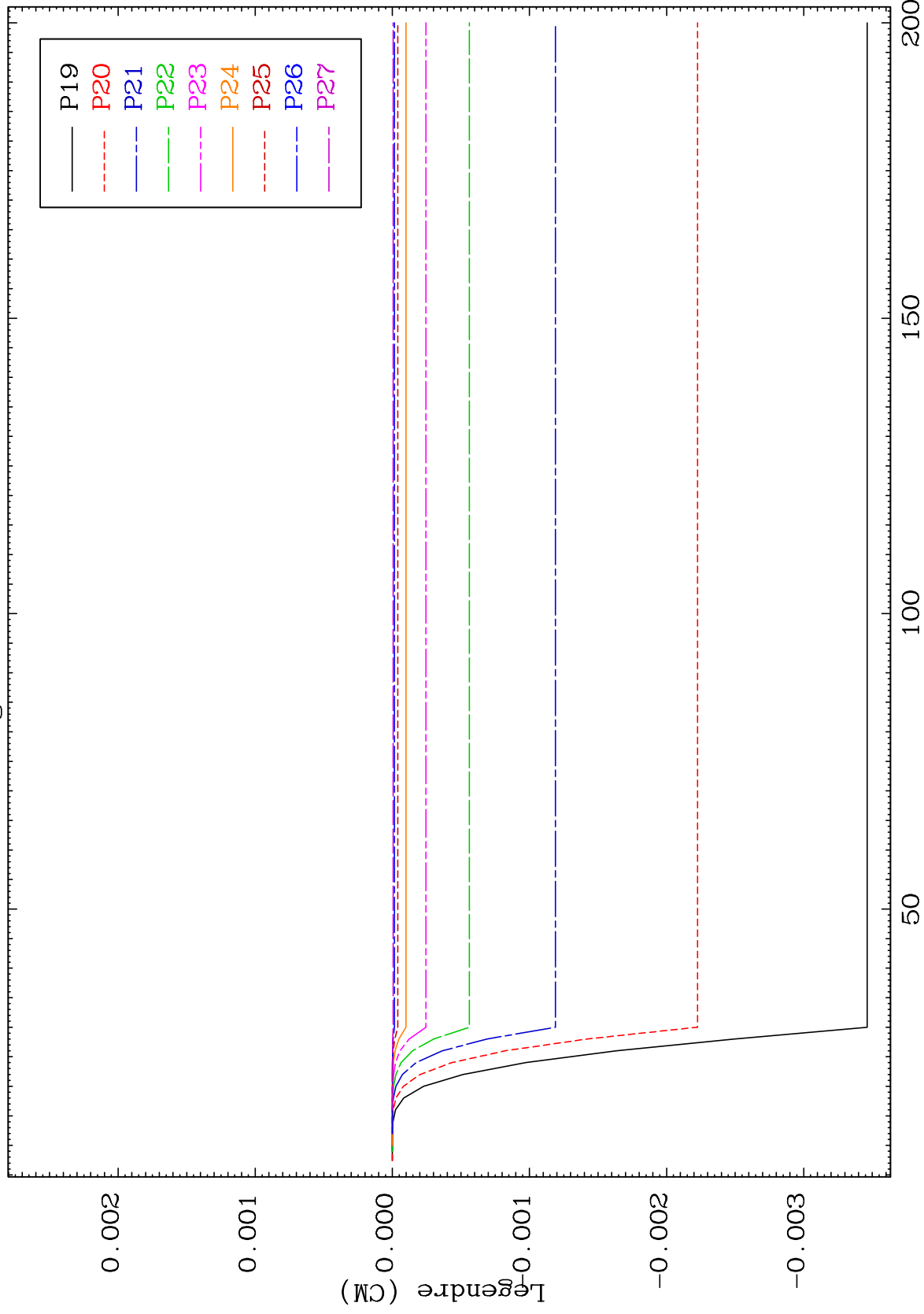
54-Xe-124



MAT 5425

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

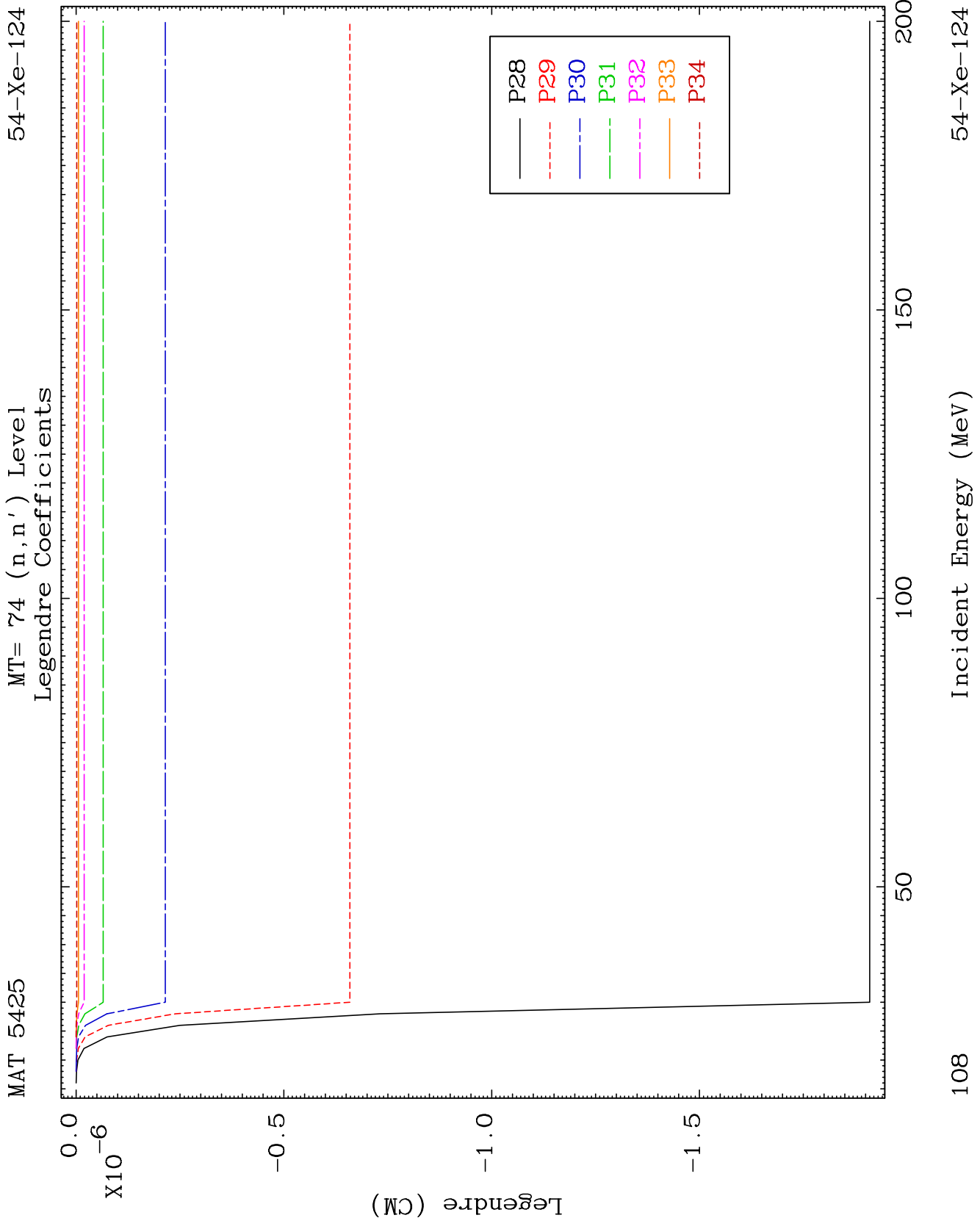
54-Xe-124



107

Incident Energy (MeV)

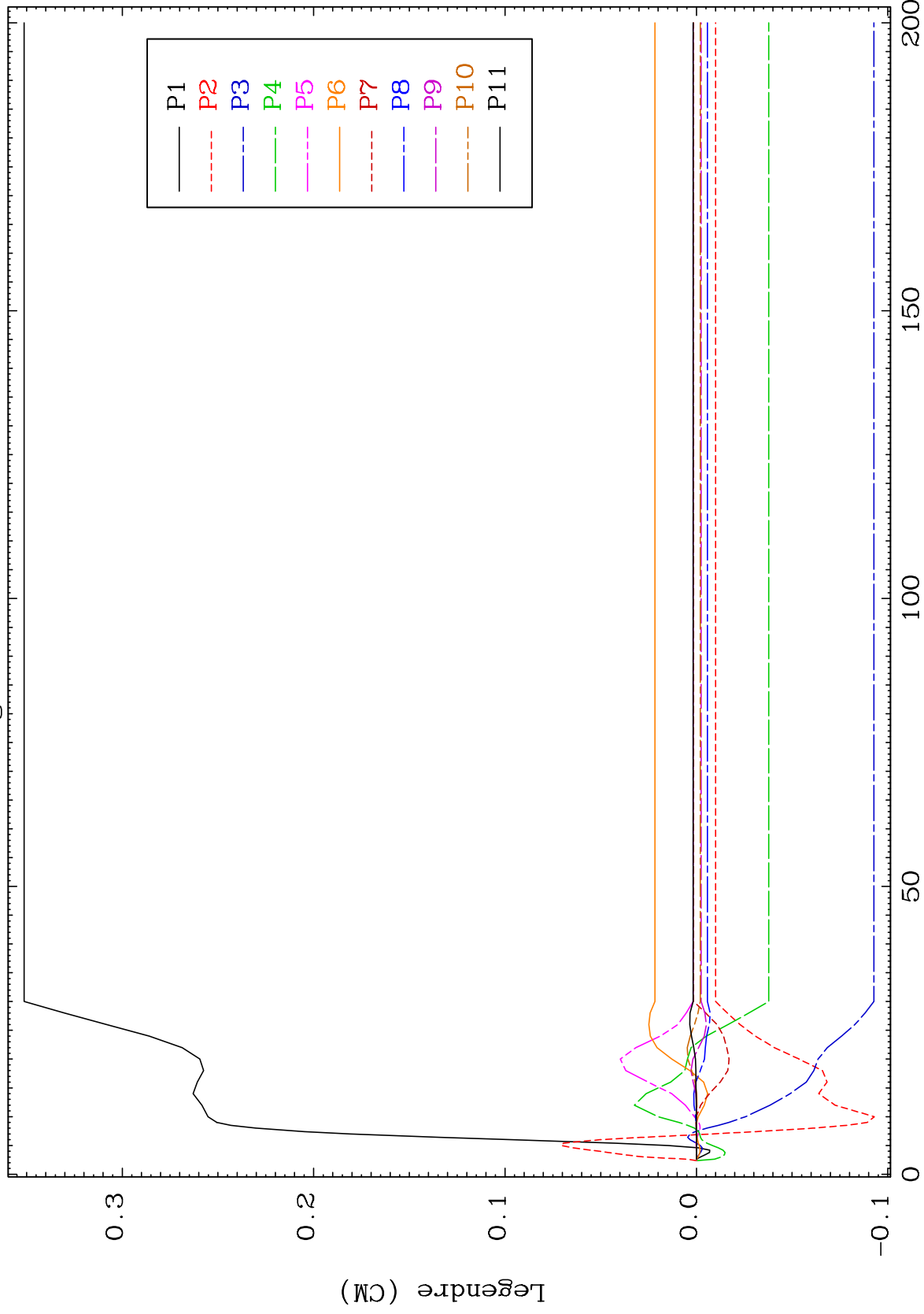
54-Xe-124



MAT 5425

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

54-Xe-124



54-Xe-124

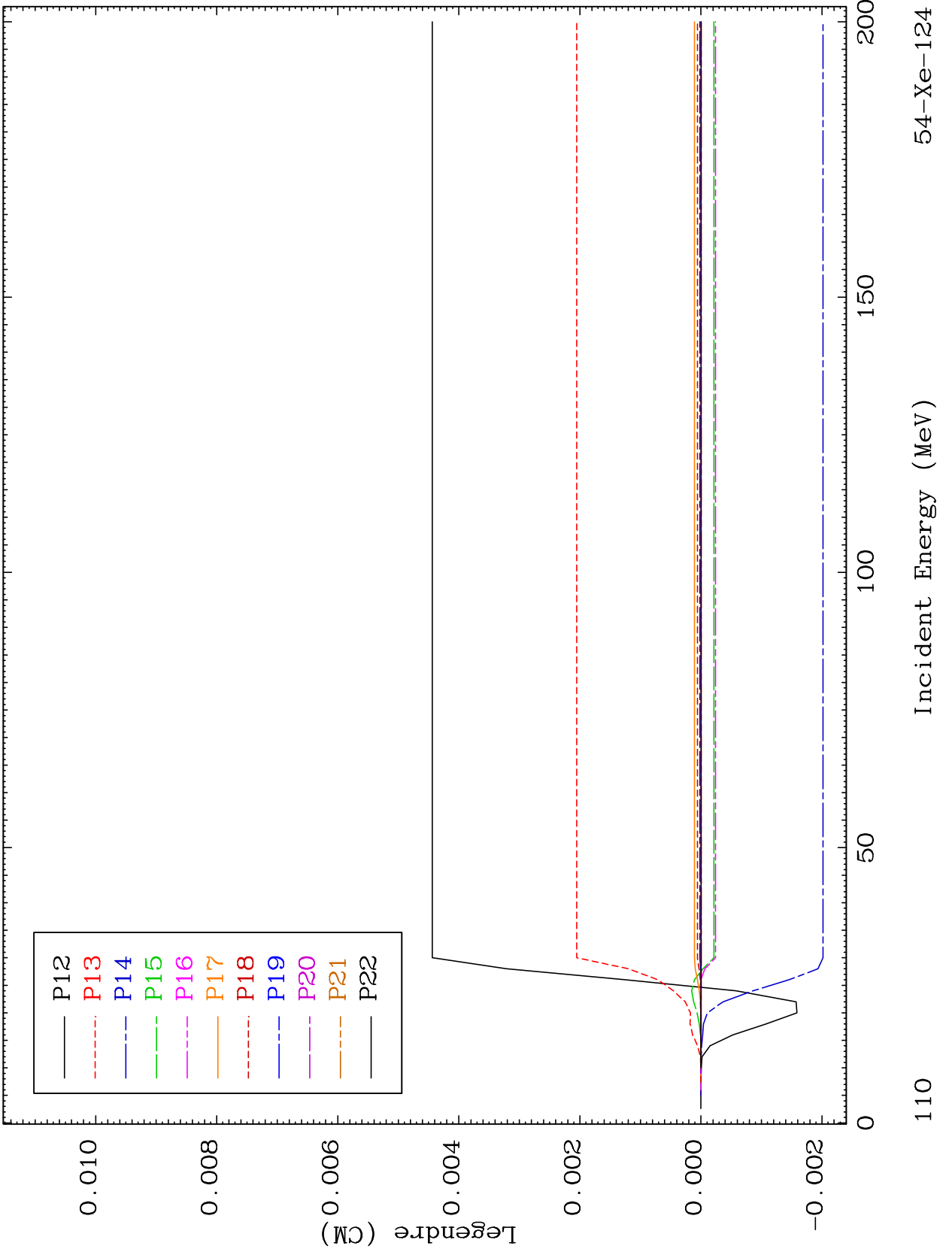
Incident Energy (MeV)

109

MAT 5425

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

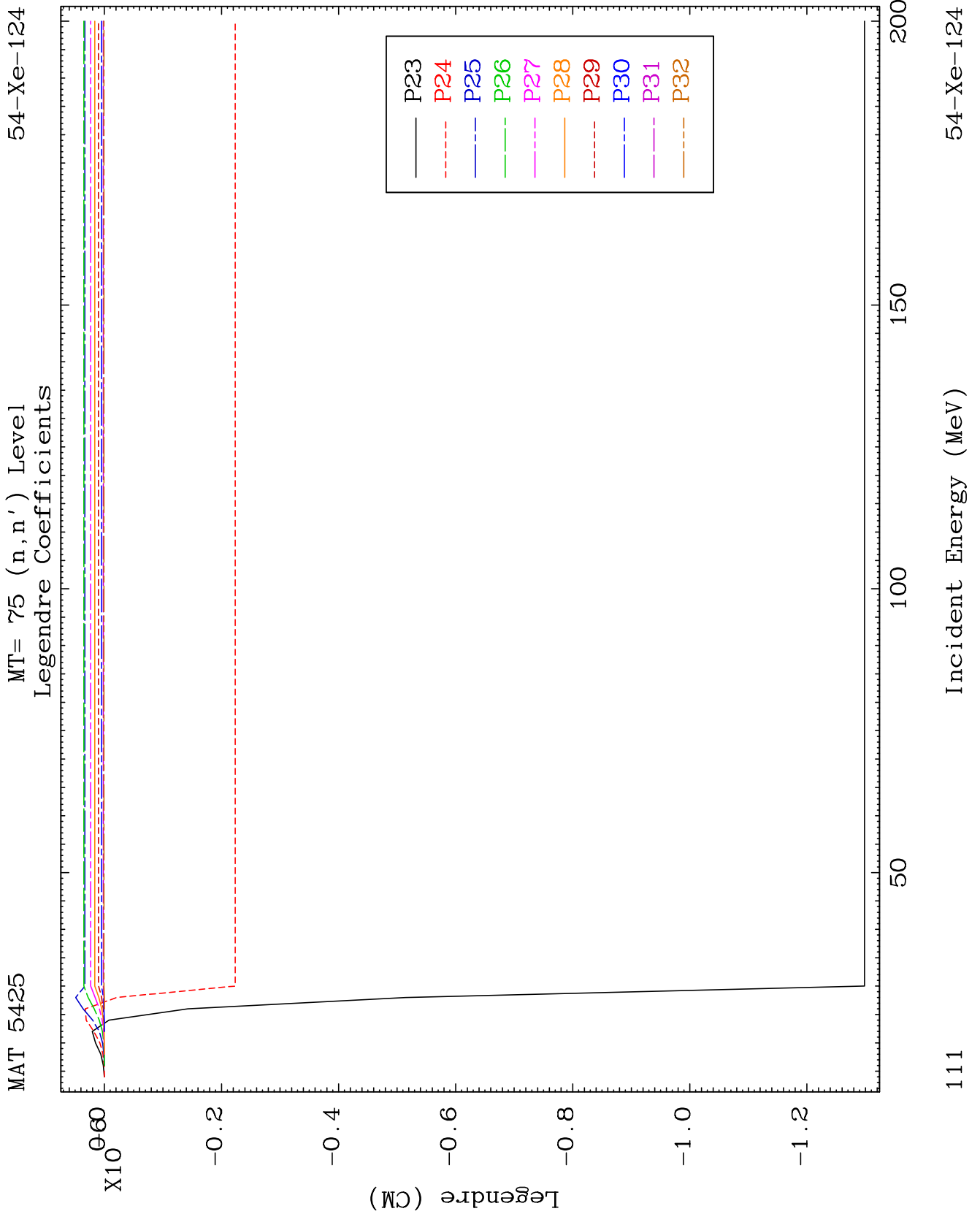
54-Xe-124

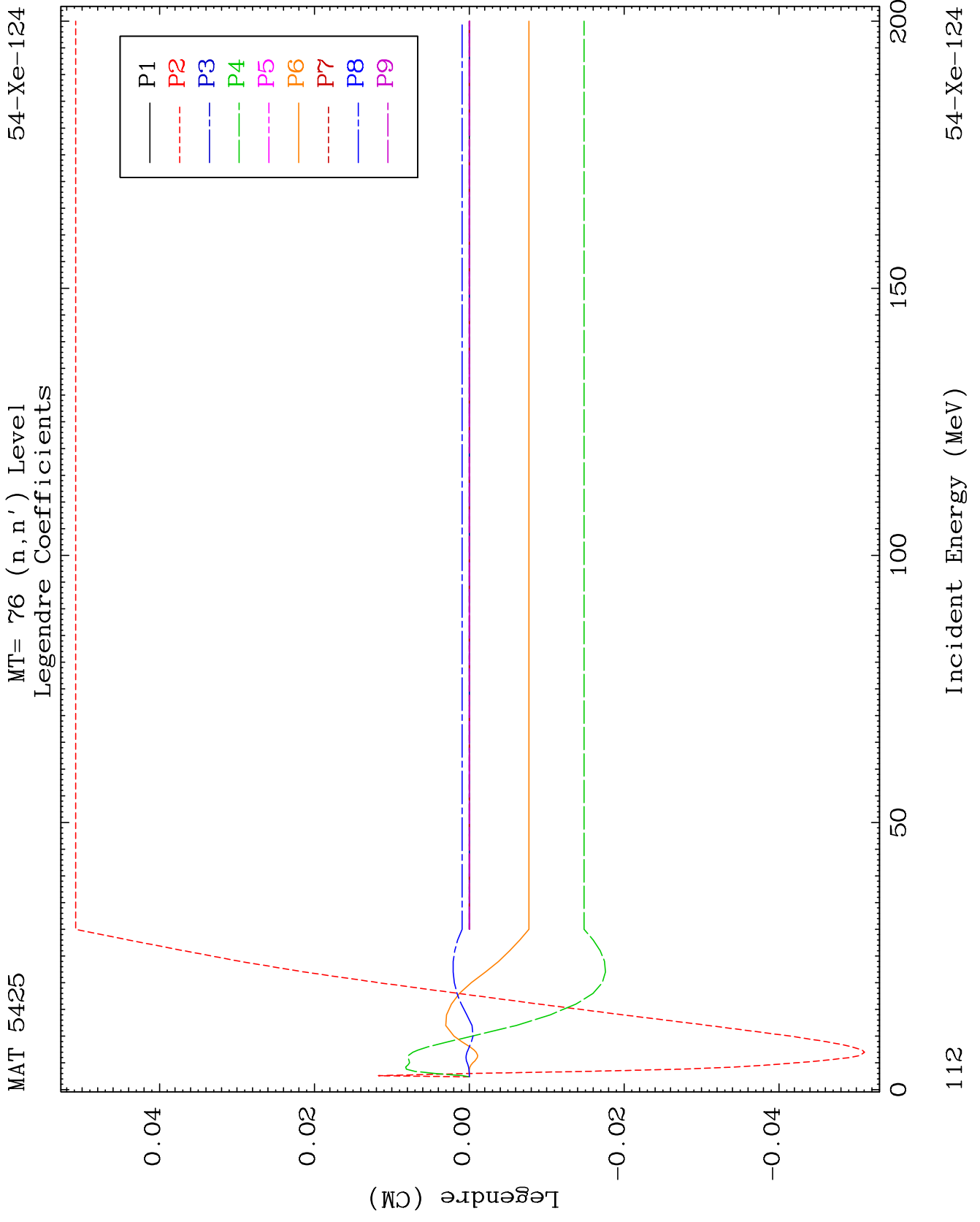


110

Incident Energy (MeV)

54-Xe-124

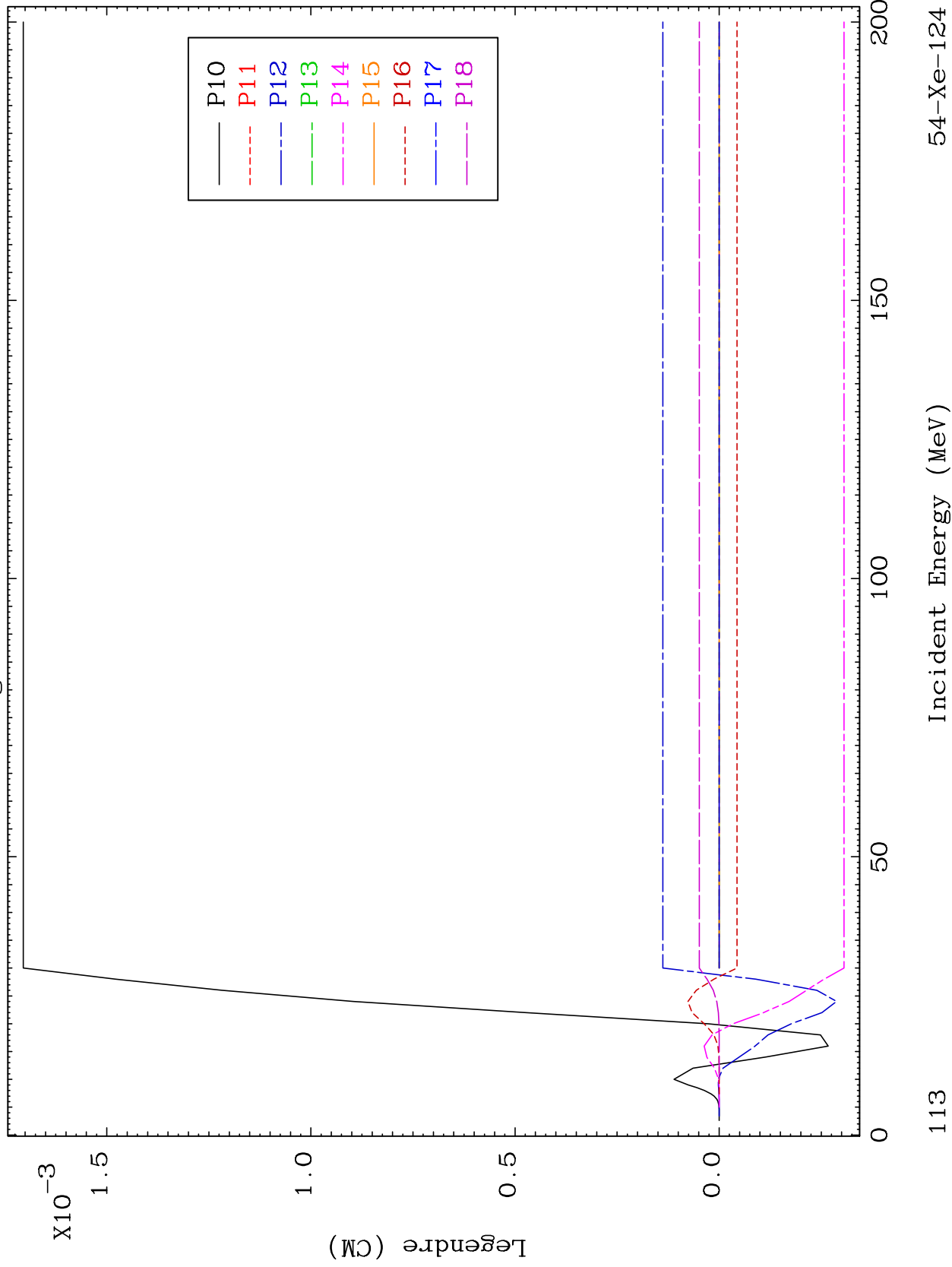




MAT 5425

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

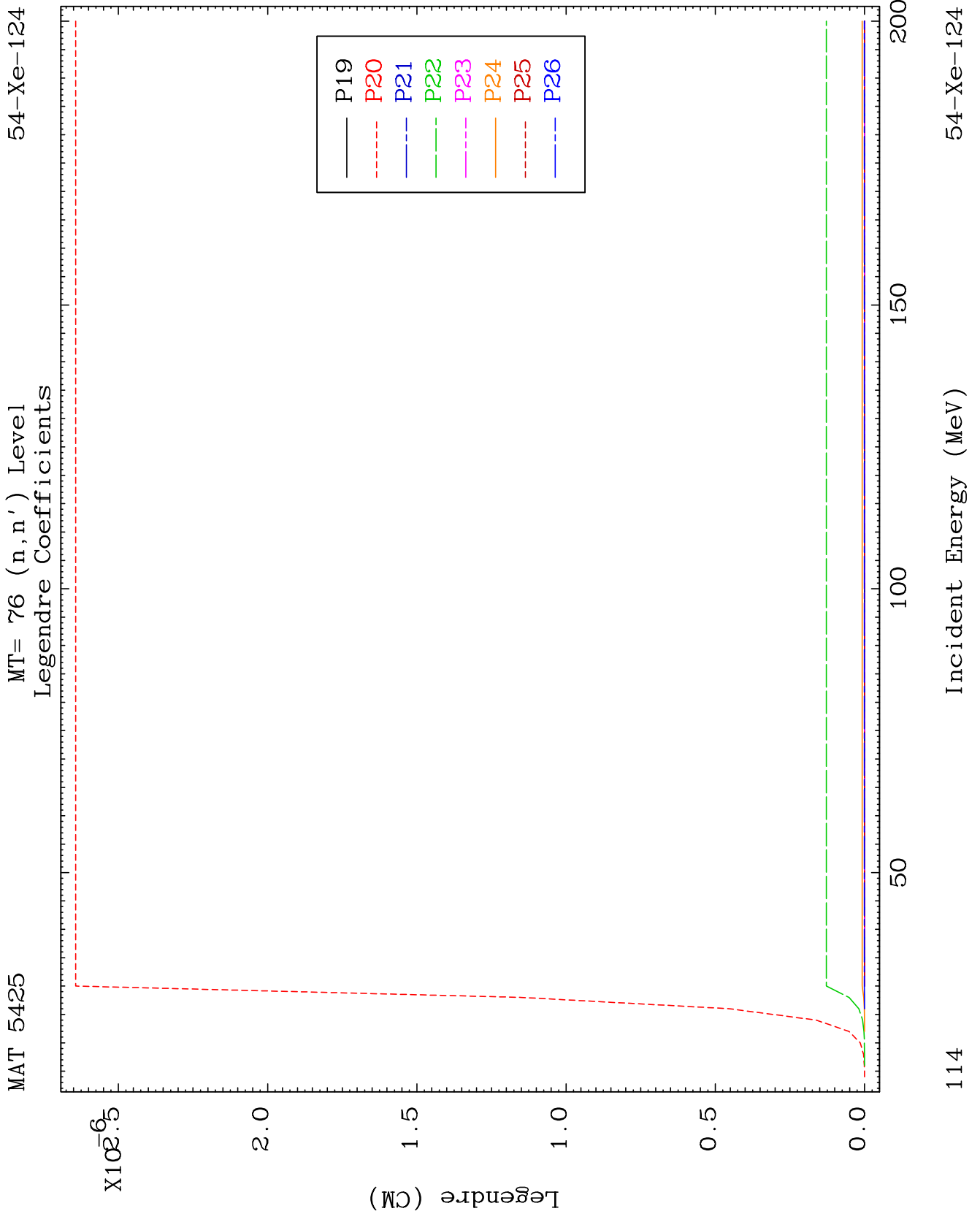
54-Xe-124

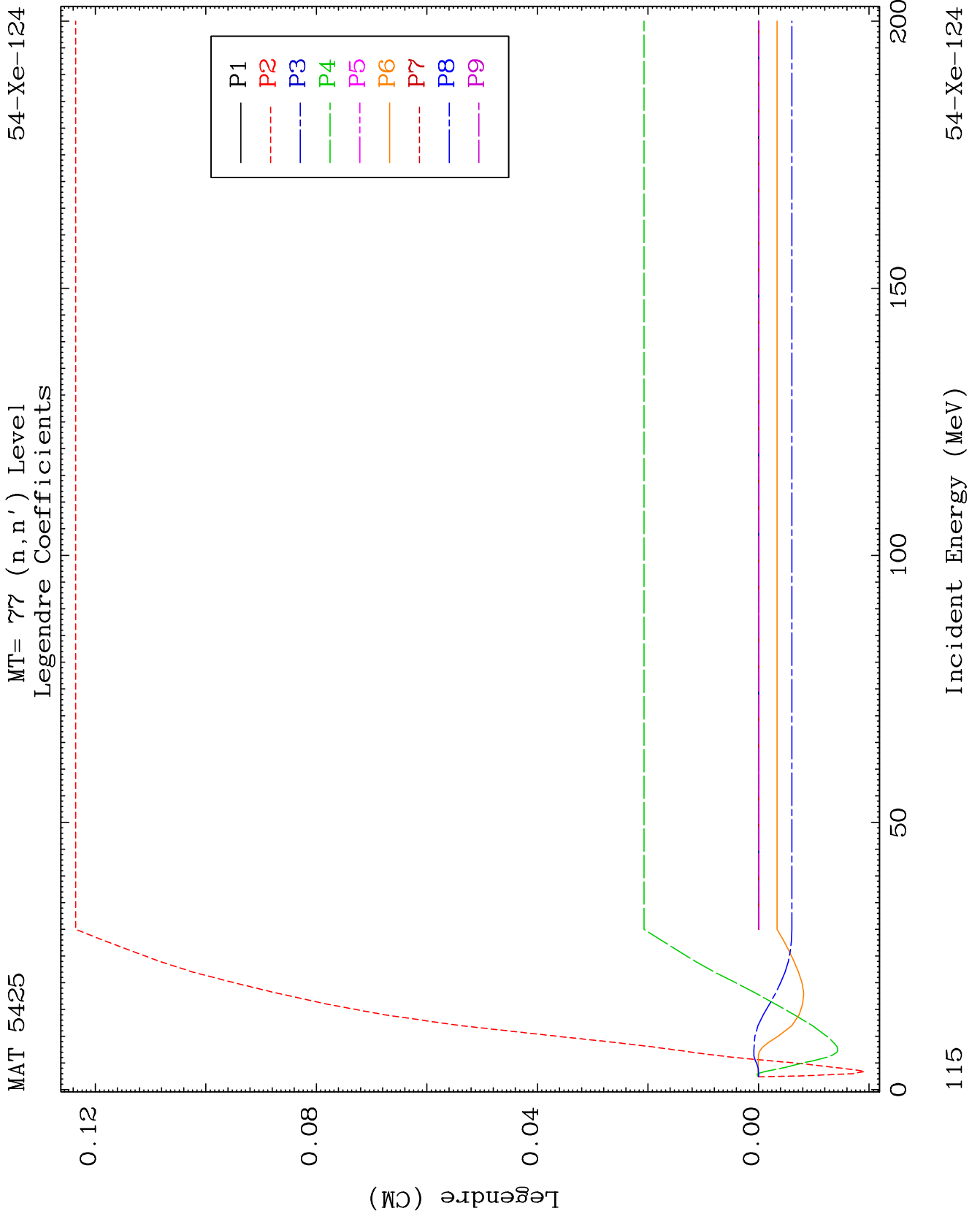


54-Xe-124

Incident Energy (MeV)

113

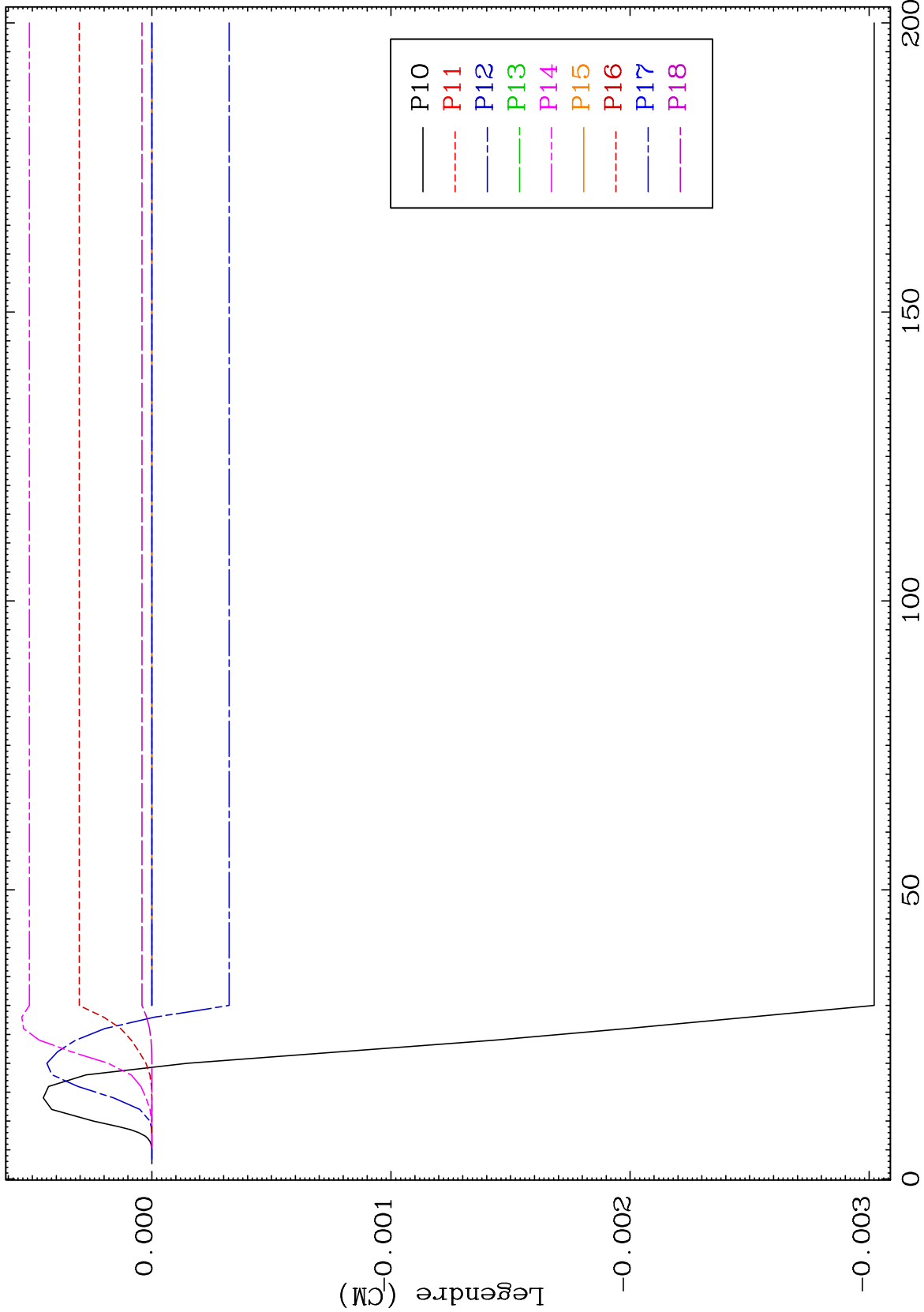




MAT 5425

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

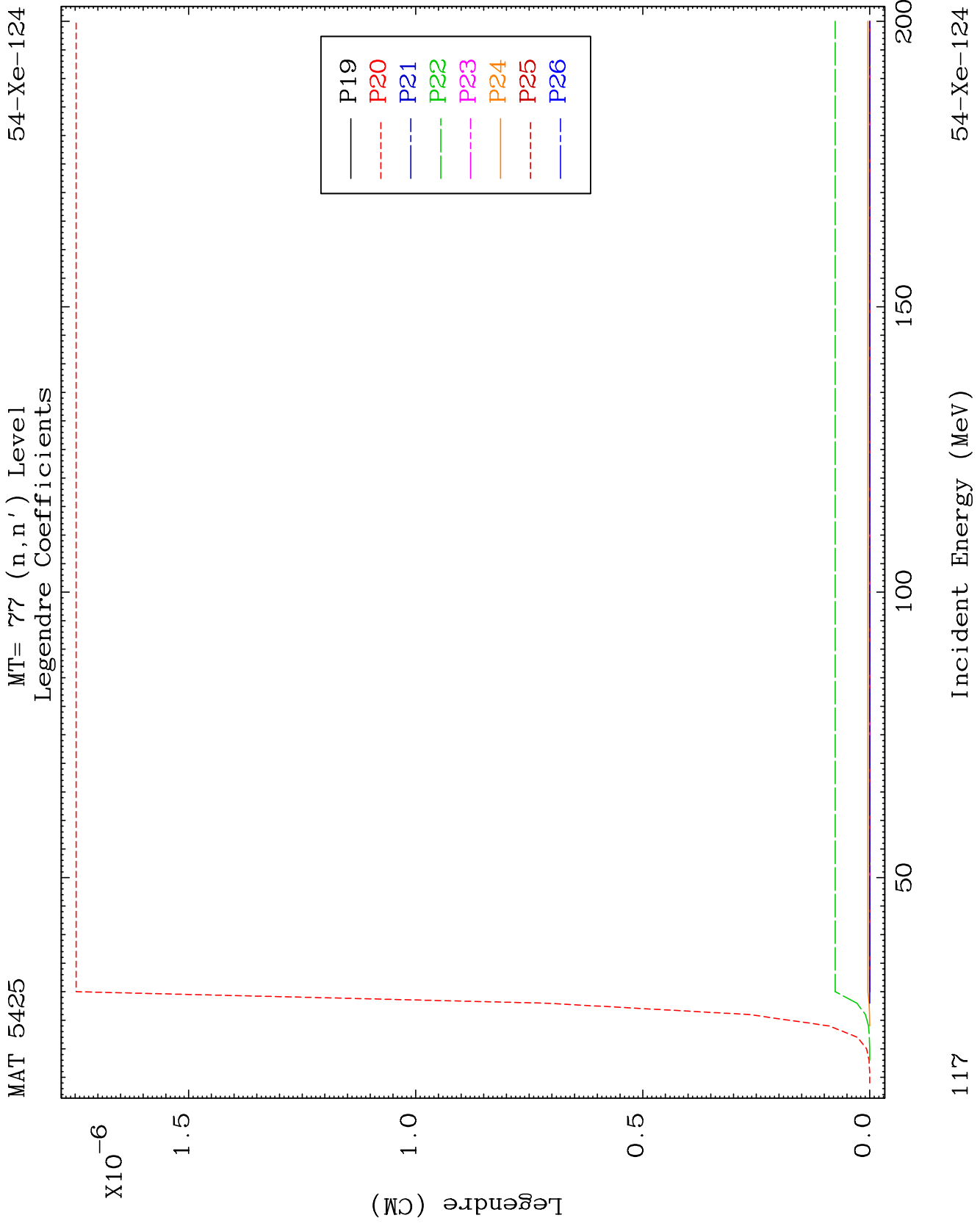
54-Xe-124

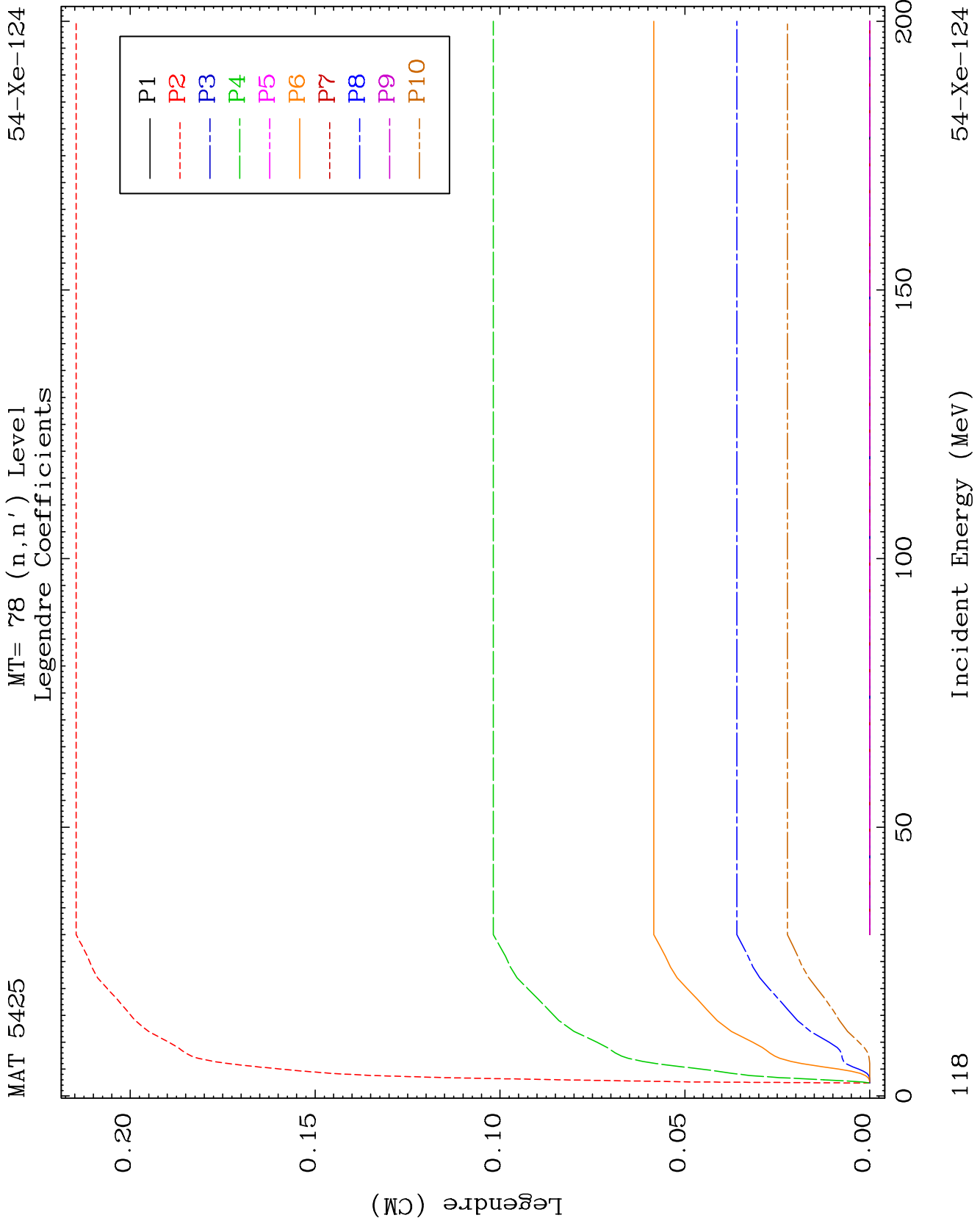


116

Incident Energy (MeV)

54-Xe-124



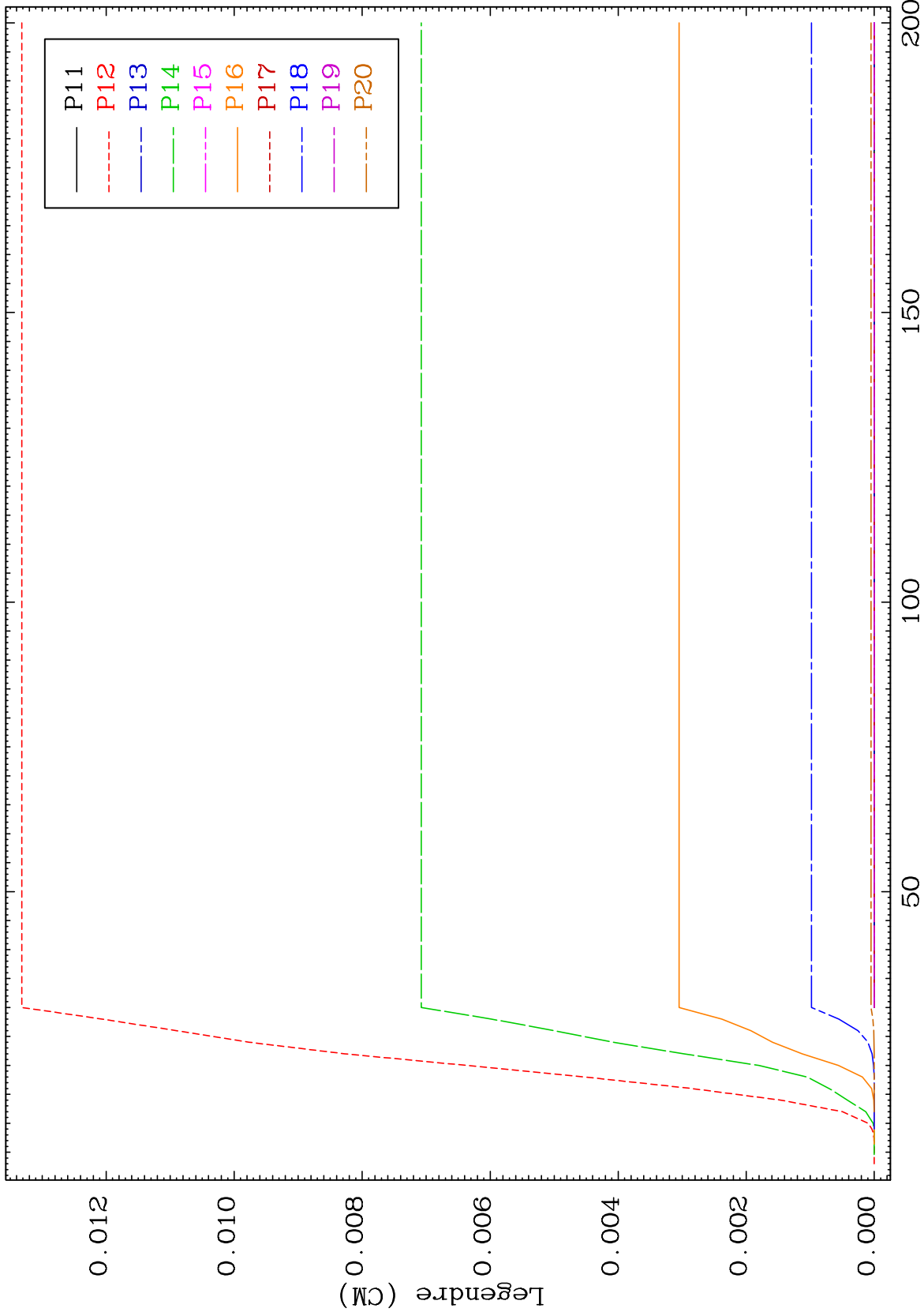


MAT 5425

MT= 78 (n,n') Level

54-Xe-124

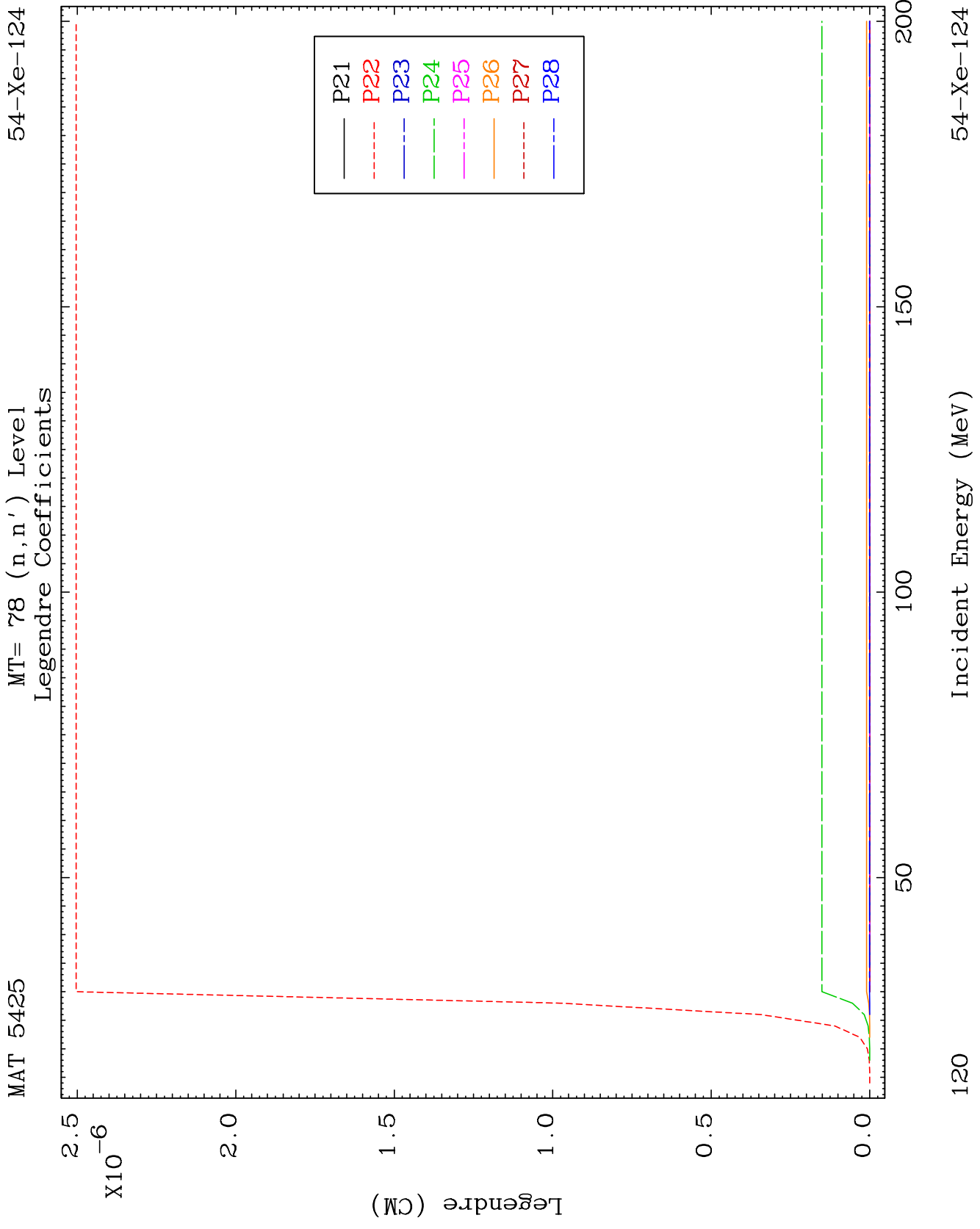
Legendre Coefficients



119

Incident Energy (MeV)

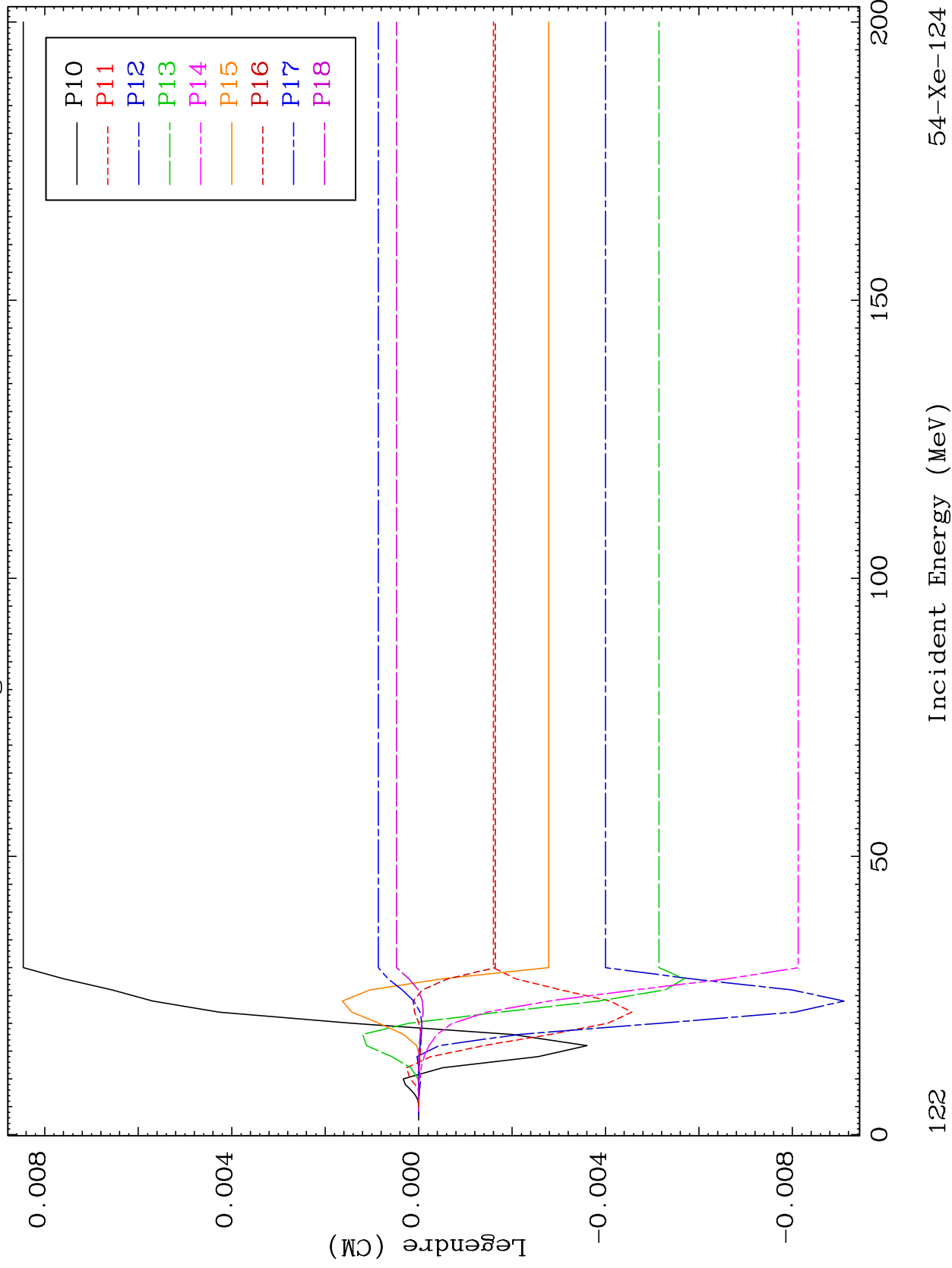
54-Xe-124



MAT 5425

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

54-Xe-124



122

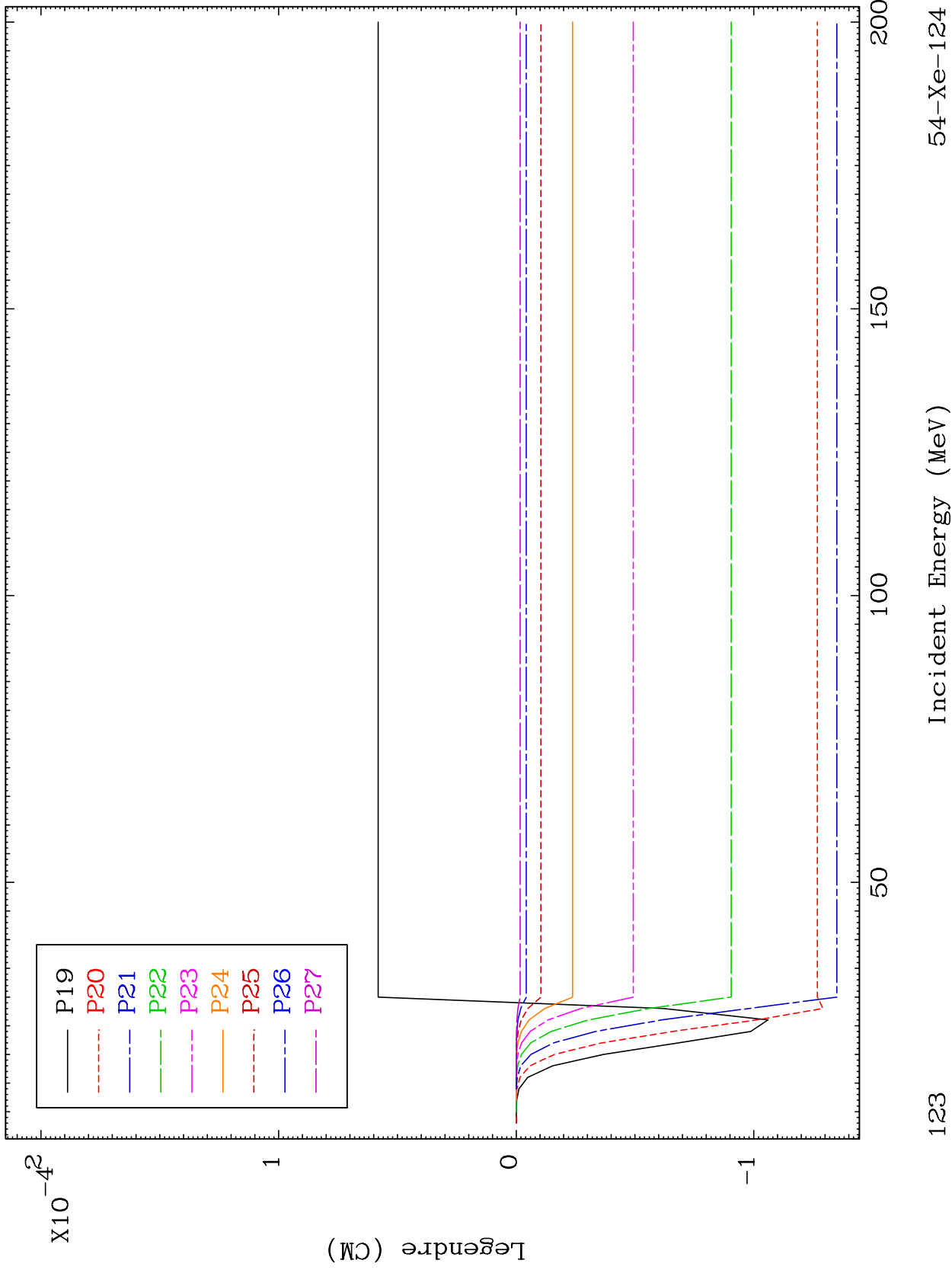
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

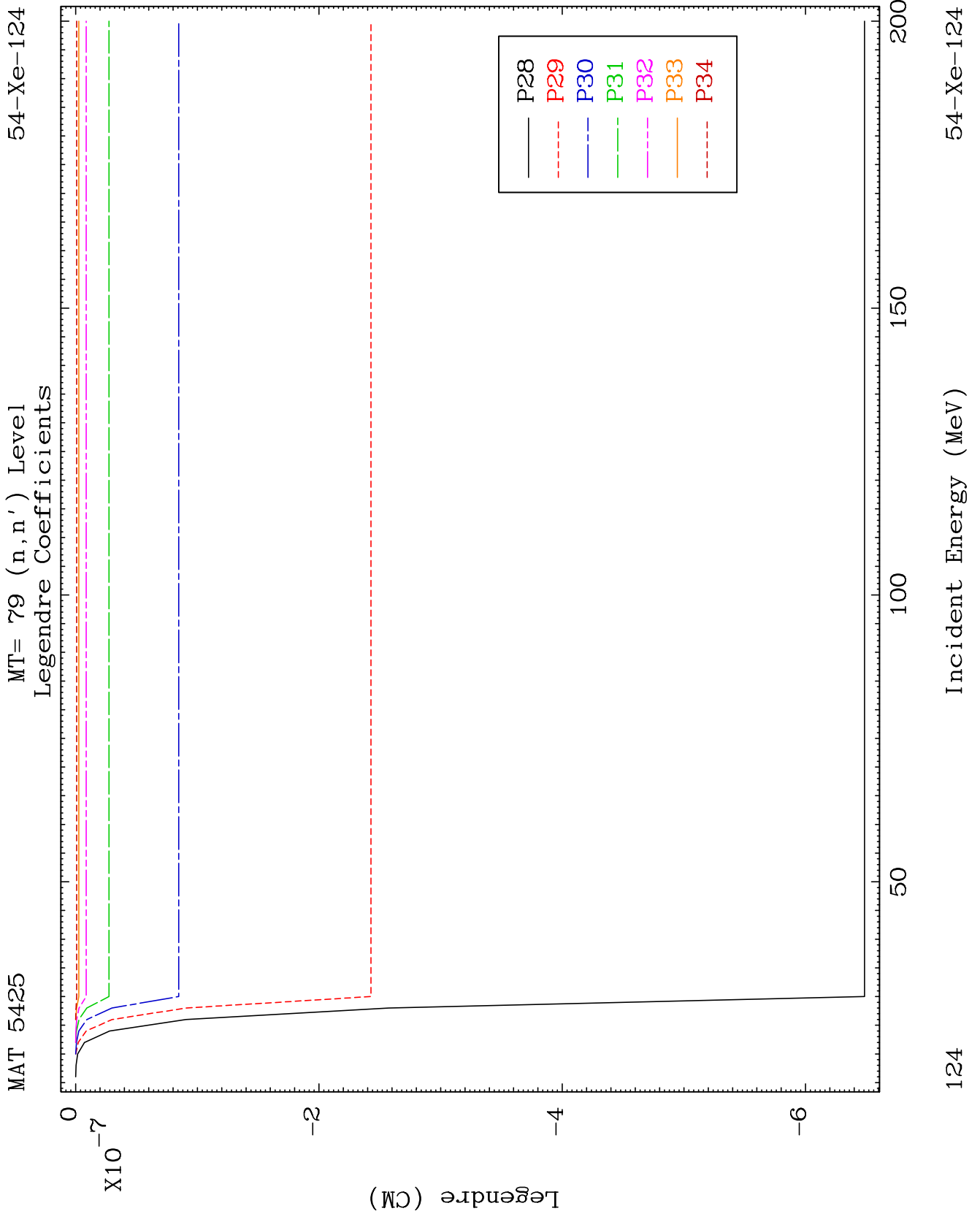
54-Xe-124

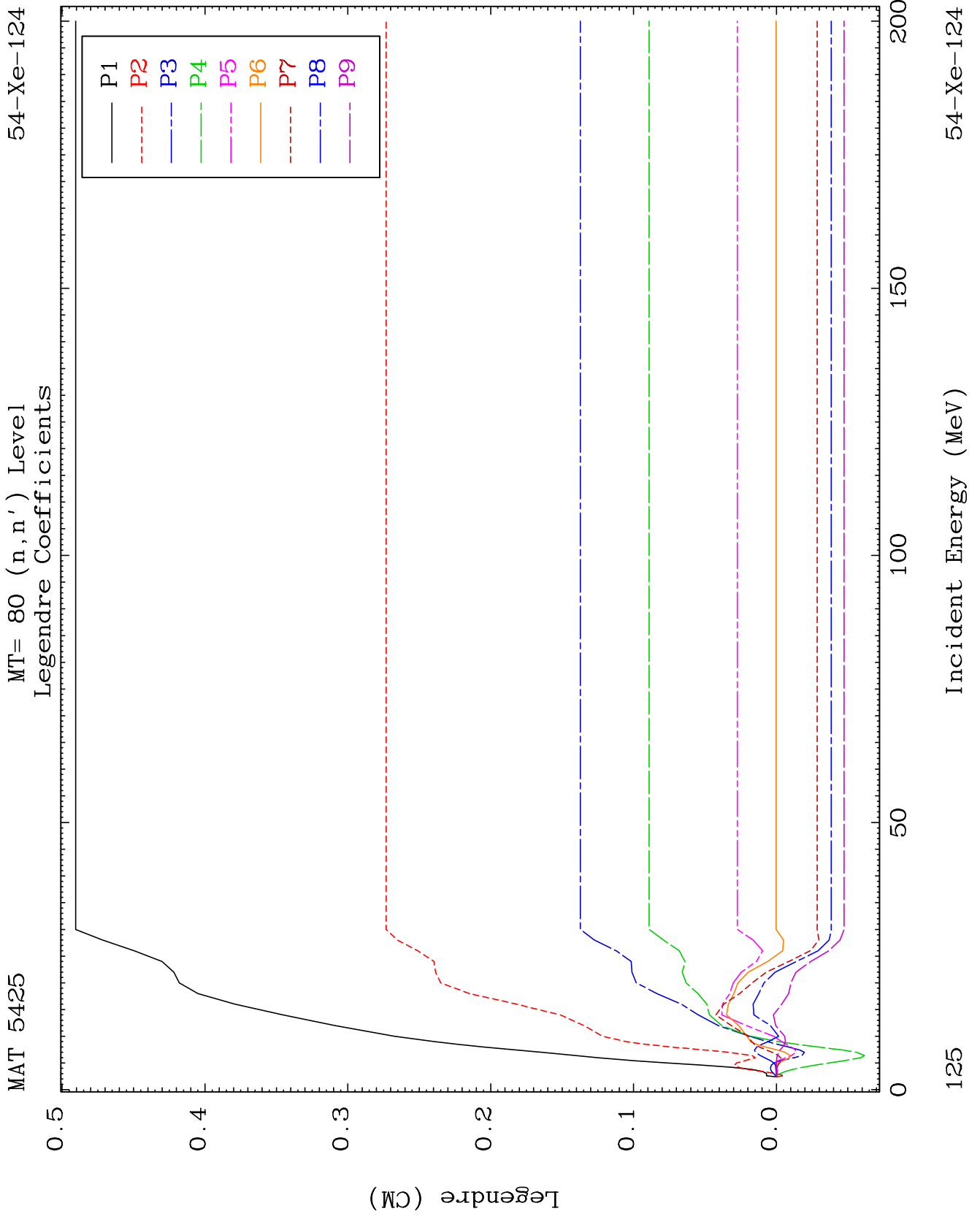


123

Incident Energy (MeV)

54-Xe-124

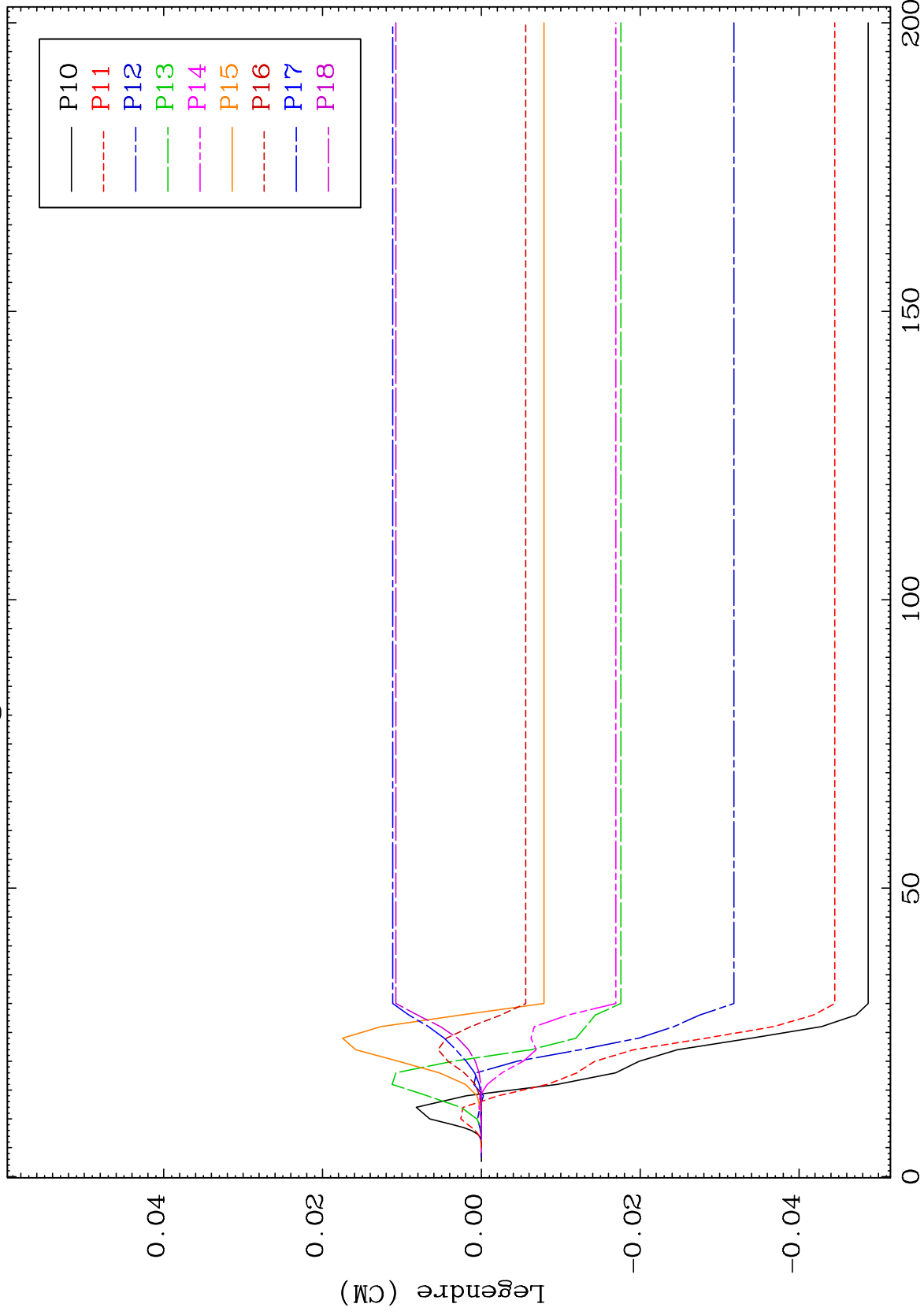




MAT 5425

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

54-Xe-124



126

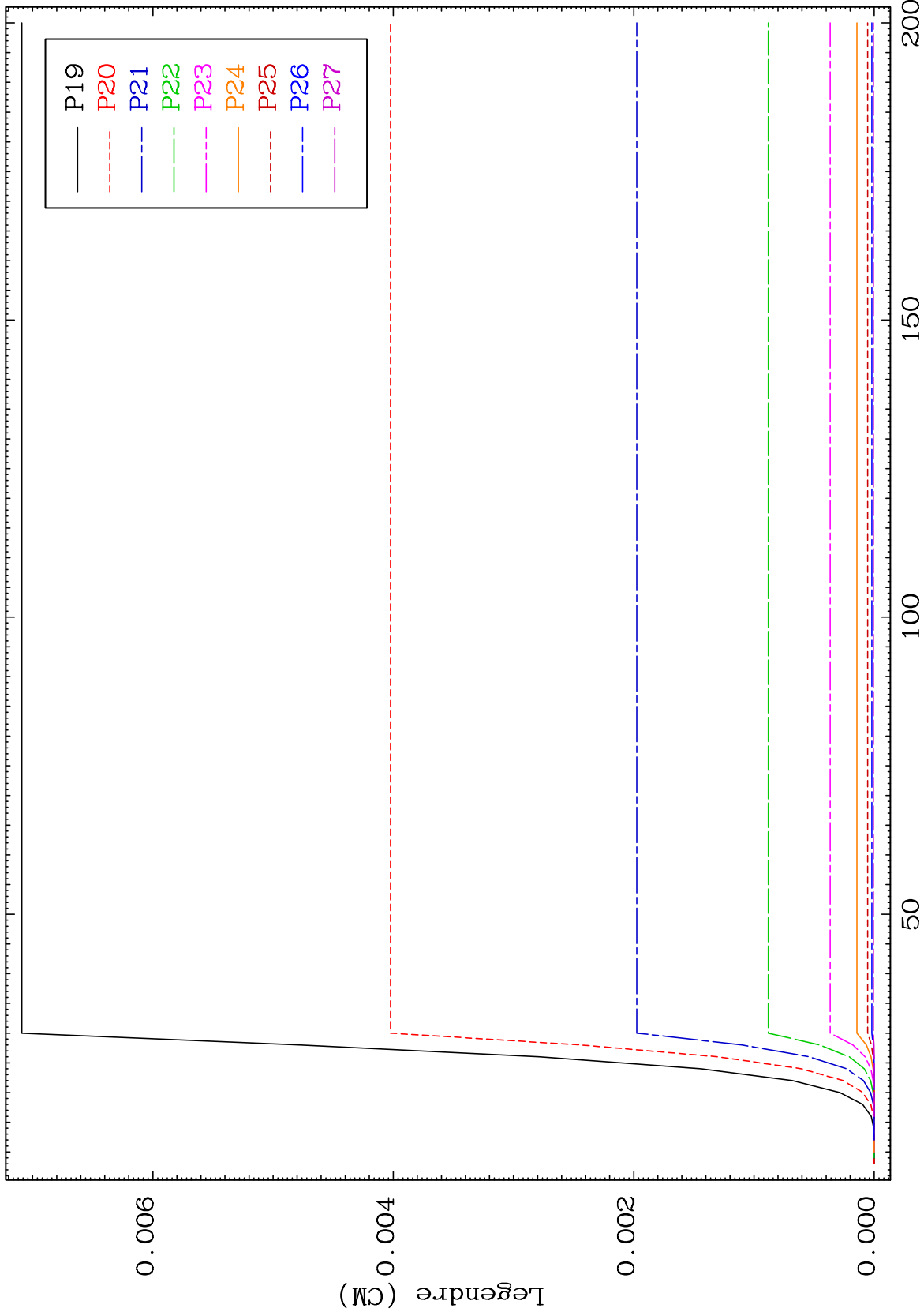
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



127

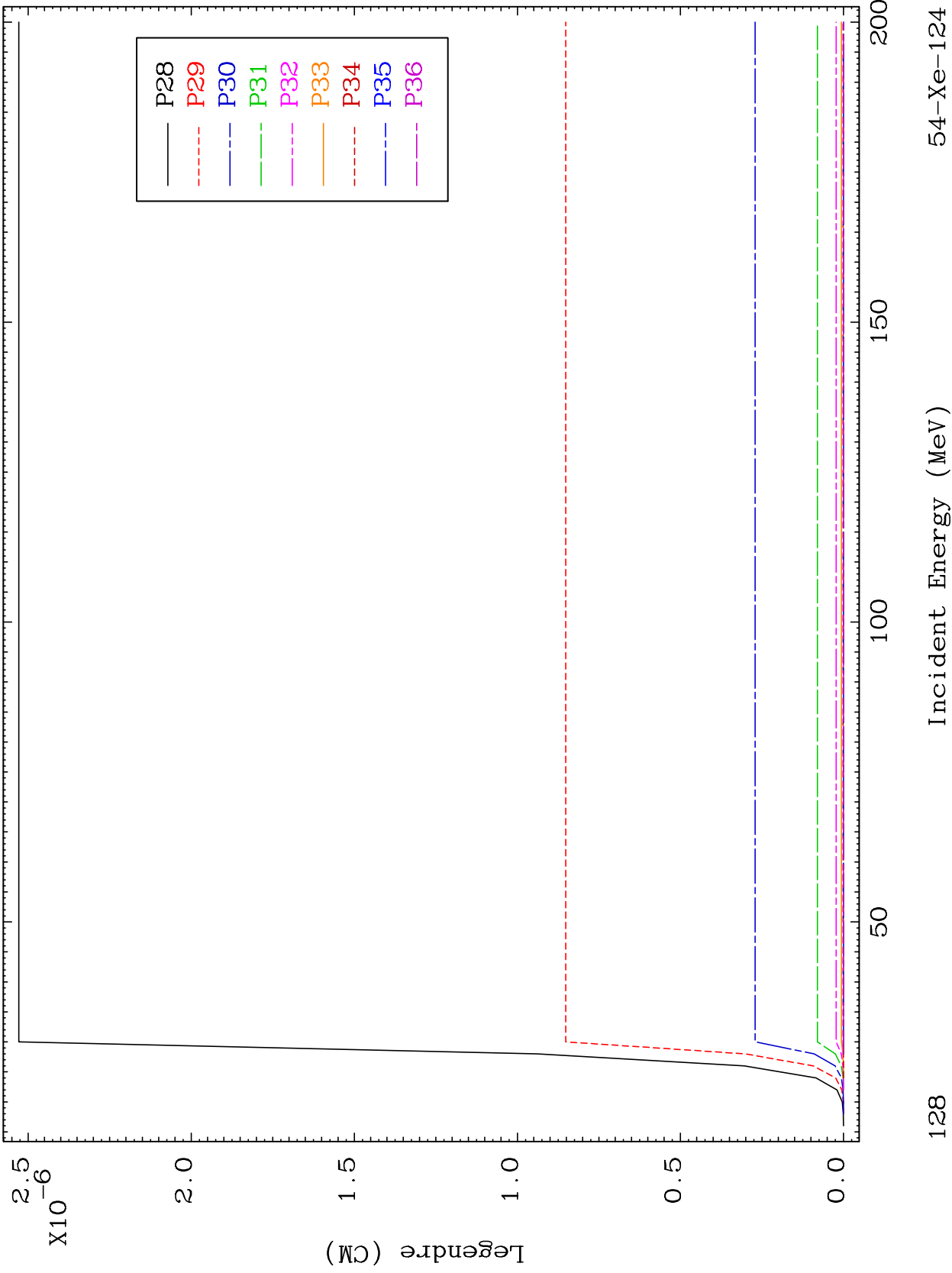
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



128

Incident Energy (MeV)

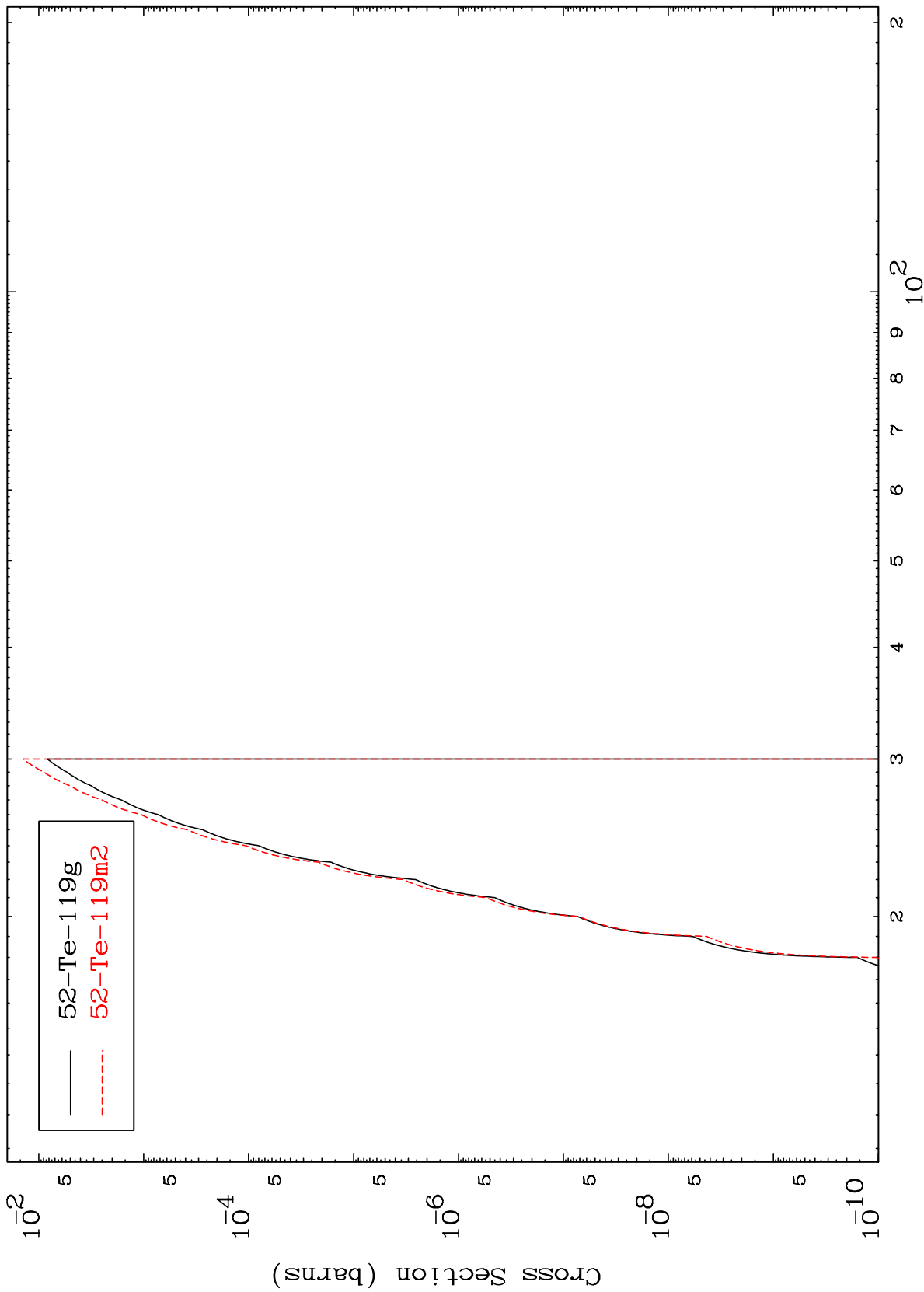
54-Xe-124

MAT 5425

(n,2n) α

54-Xe-124

Radionuclide Production Cross Section



129

Incident Energy (MeV)

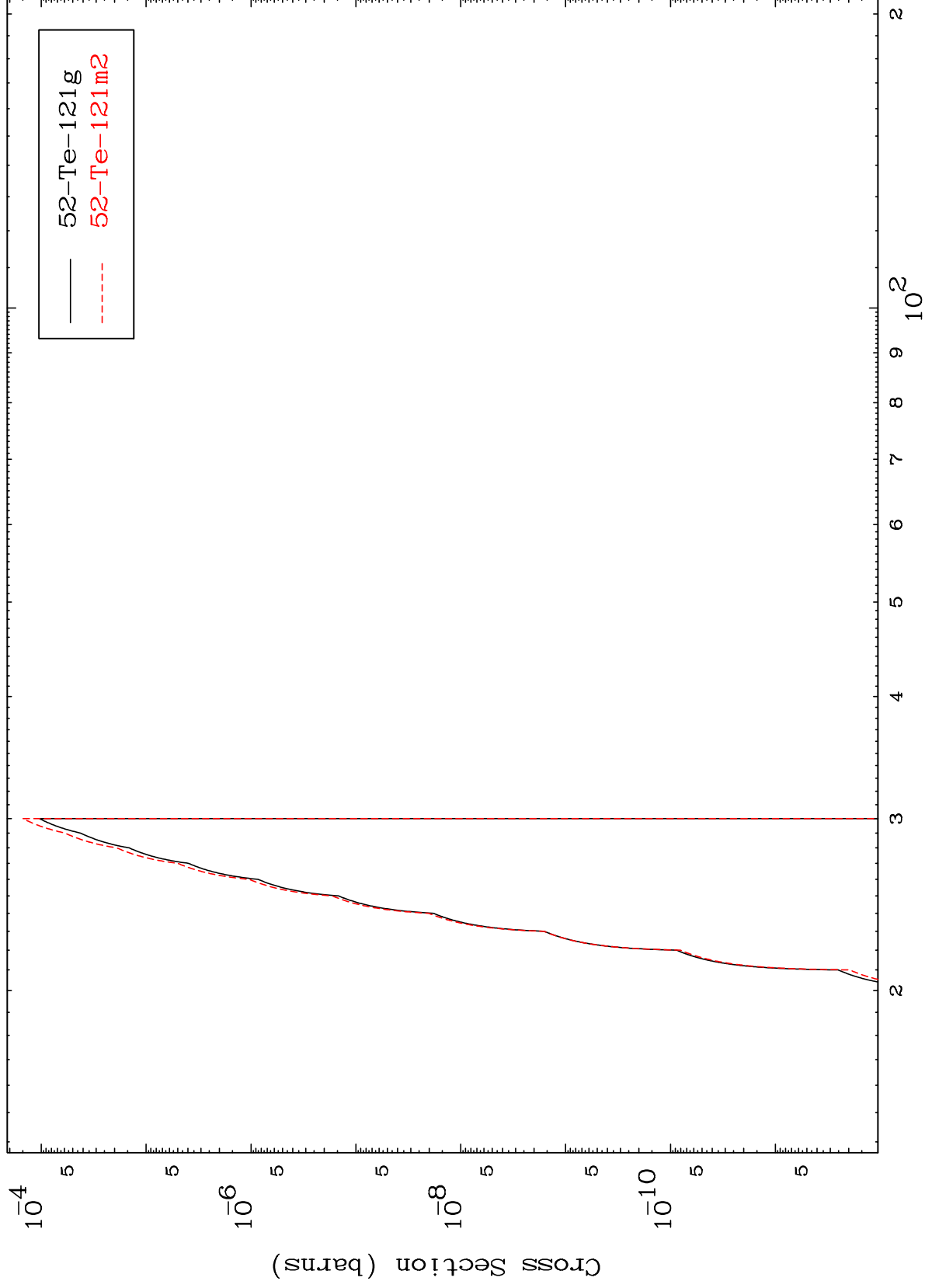
54-Xe-124

MAT 5425

(n,n') He-3

54-Xe-124

Radionuclide Production Cross Section



130

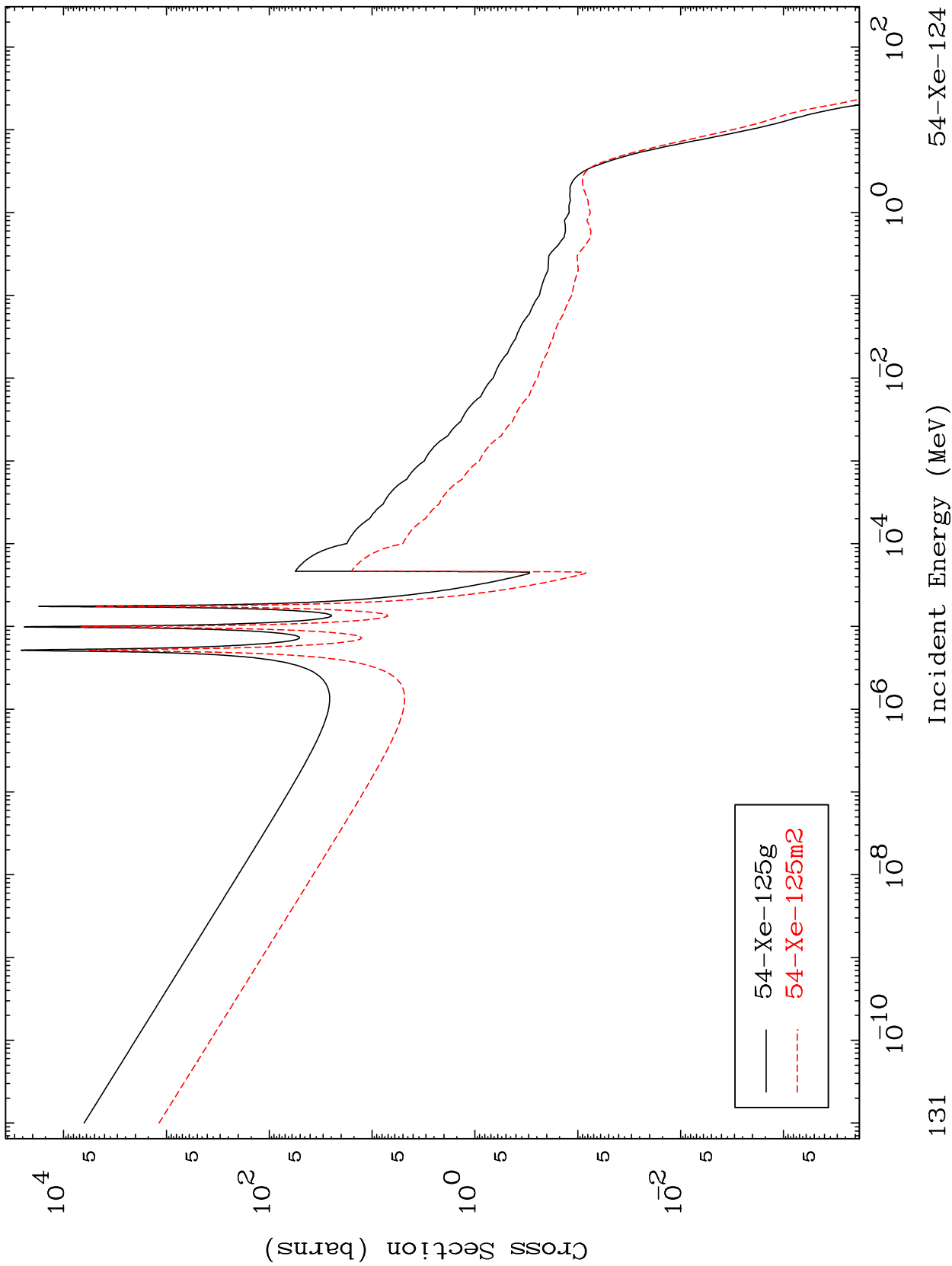
Incident Energy (MeV)

54-Xe-124

MAT 5425

54-Xe-124

Radionuclide Production Cross Section
(n, γ)



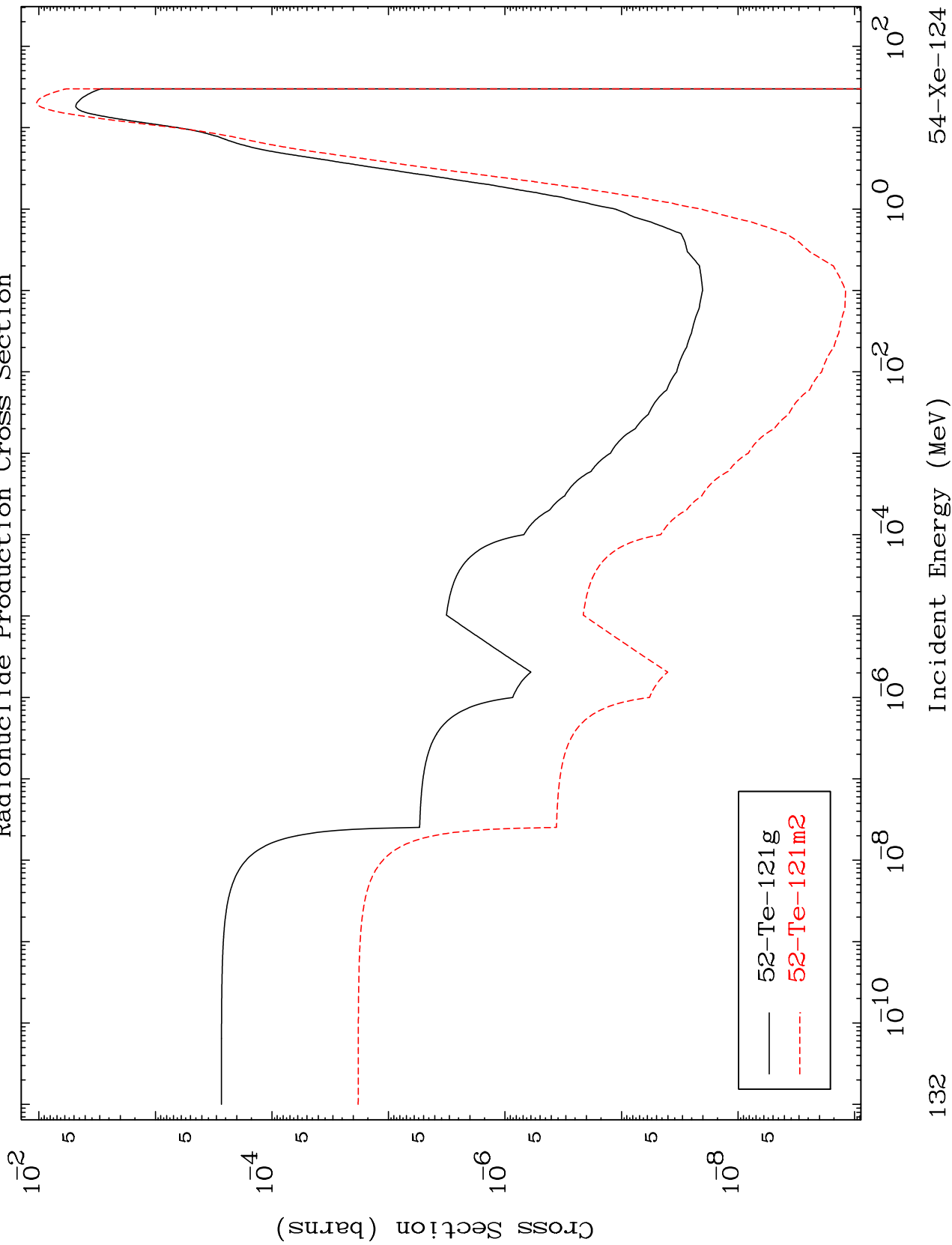
131

54-Xe-124

MAT 5425

54-Xe-124

Radionuclide Production Cross Section

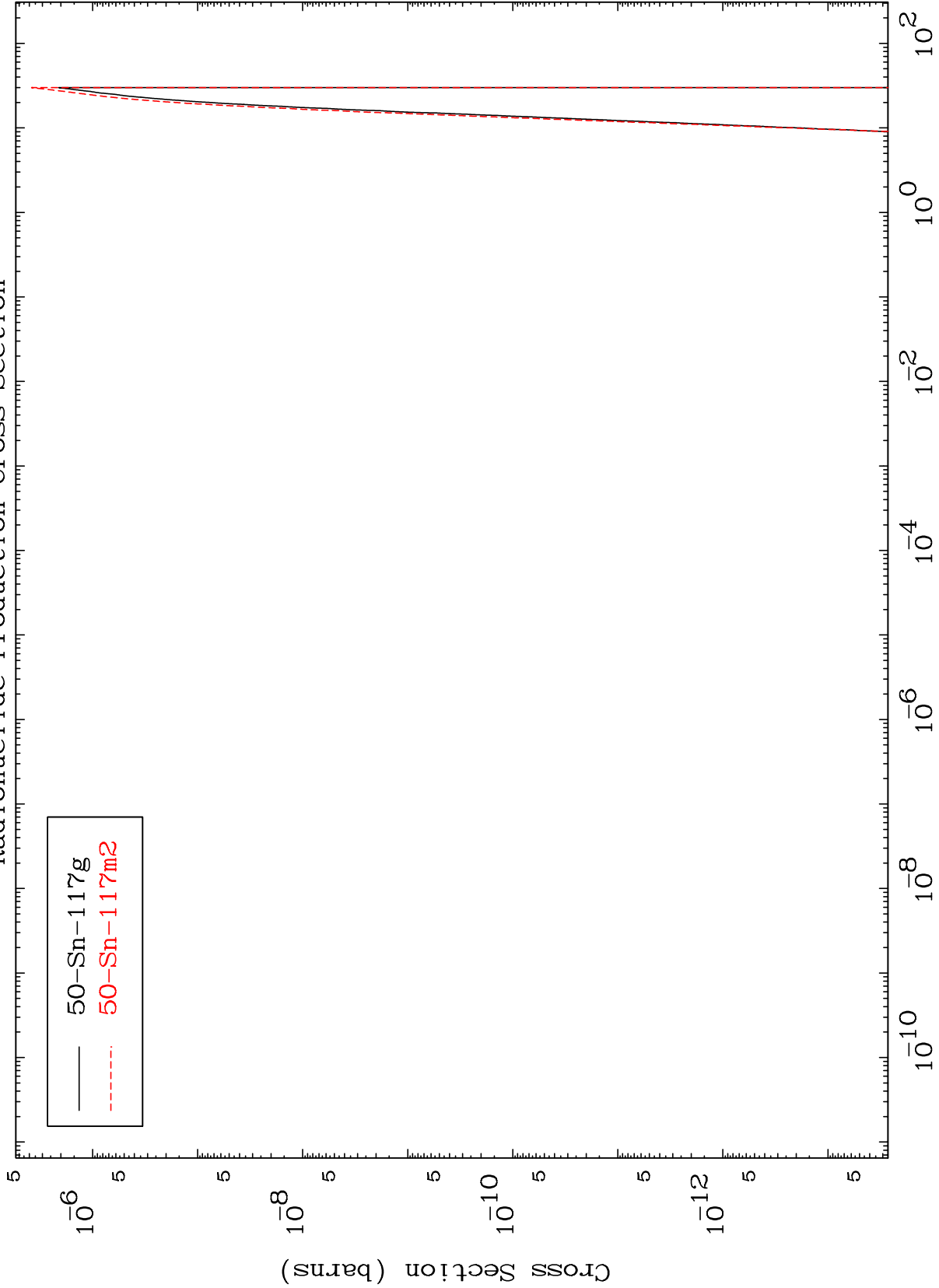


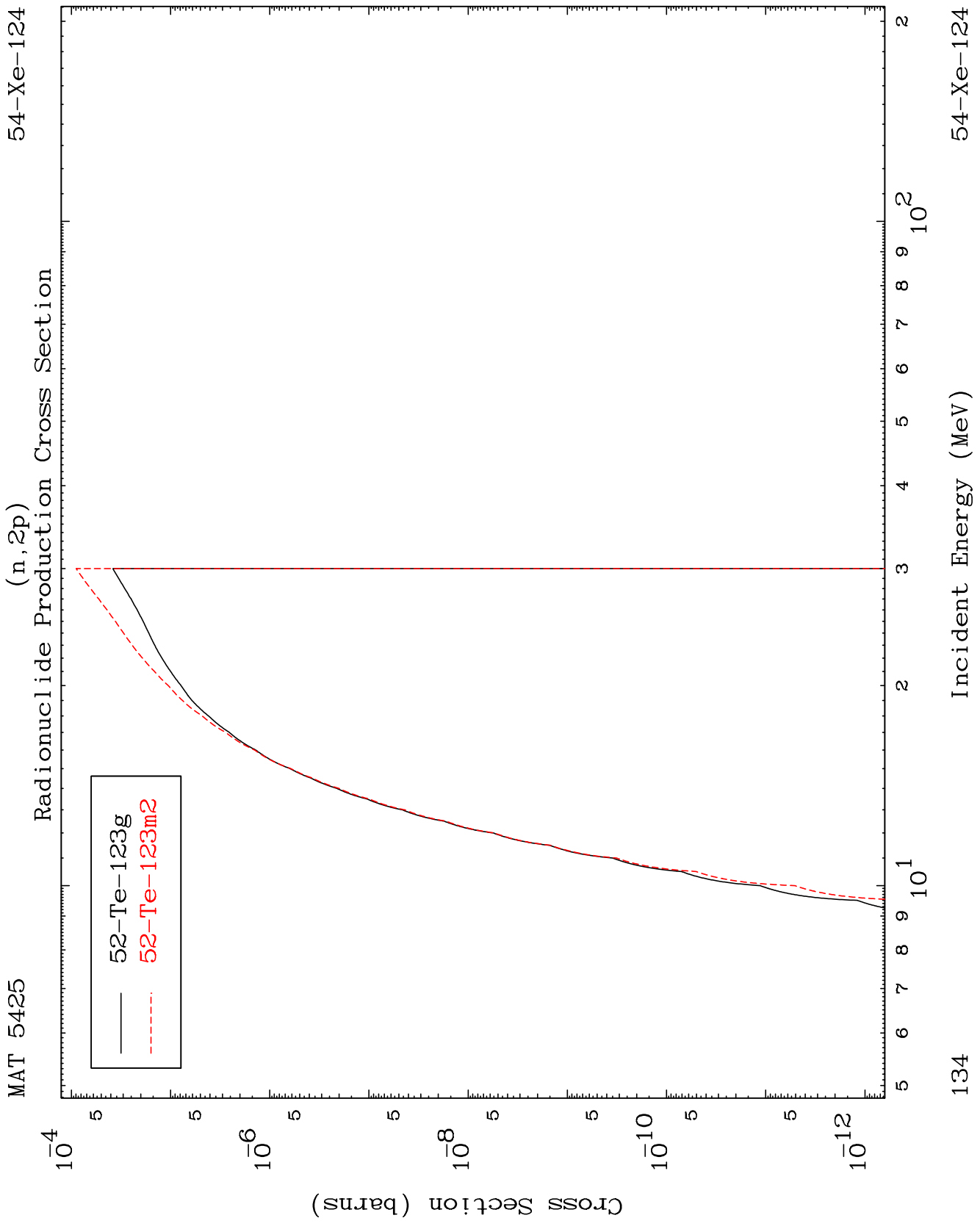
MAT 5425

(n,2α)

54-Xe-124

Radionuclide Production Cross Section



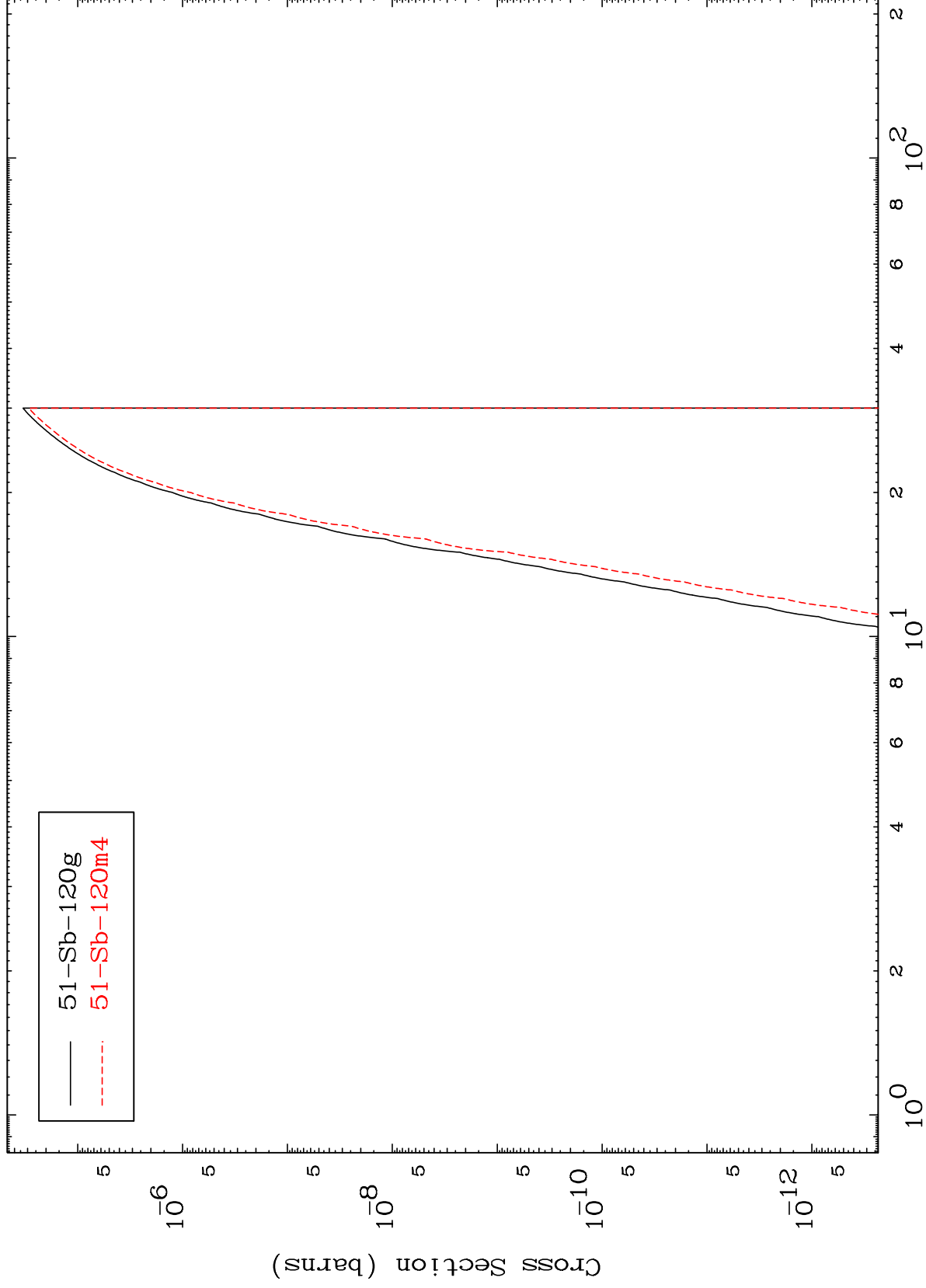


MAT 5425

(n,p) α

54-Xe-124

Radionuclide Production Cross Section



135

Incident Energy (MeV)

54-Xe-124

Radionuclide Production Cross Section

