

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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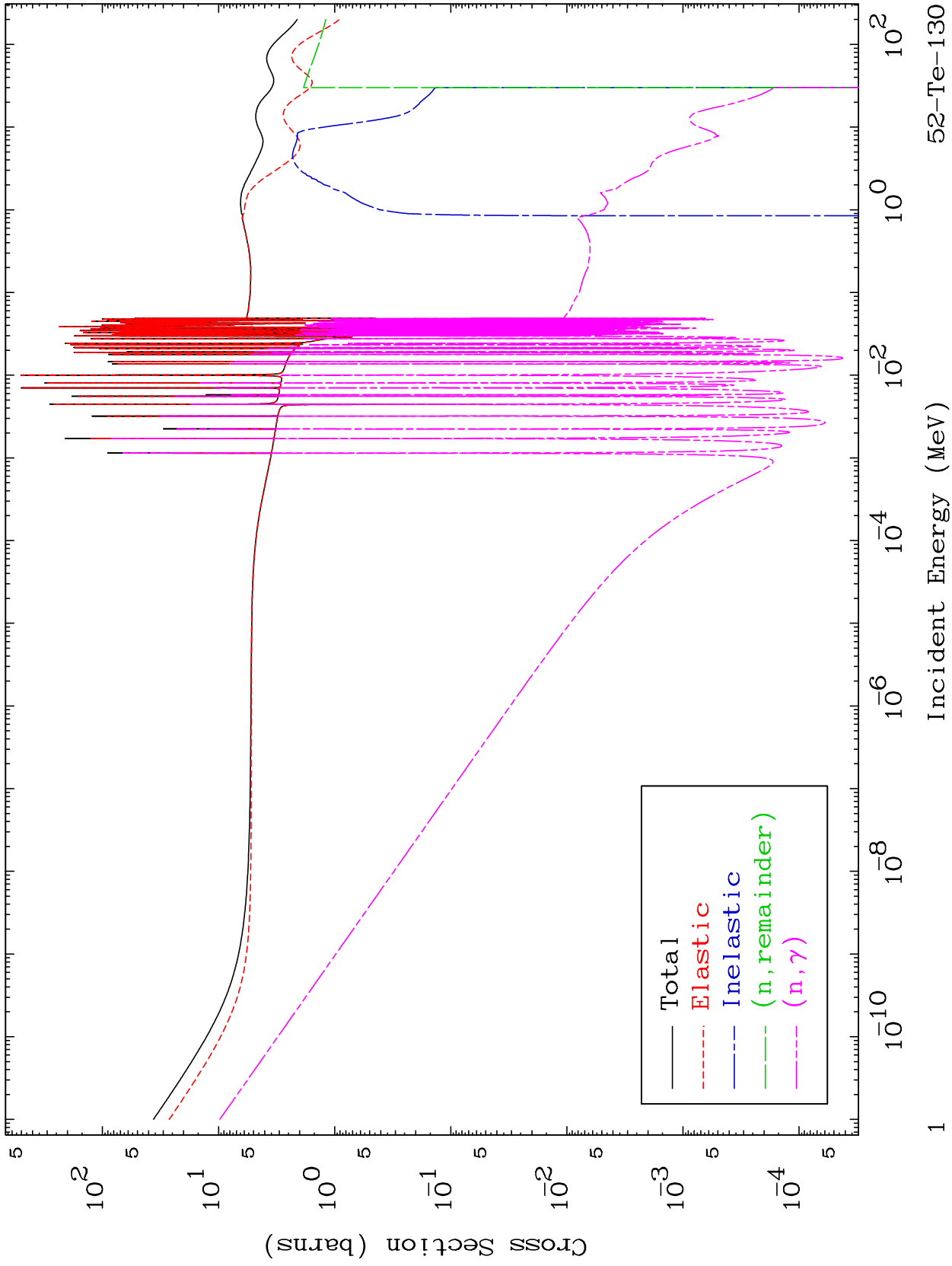
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5255

Major  
293 Kelvin Cross Sections

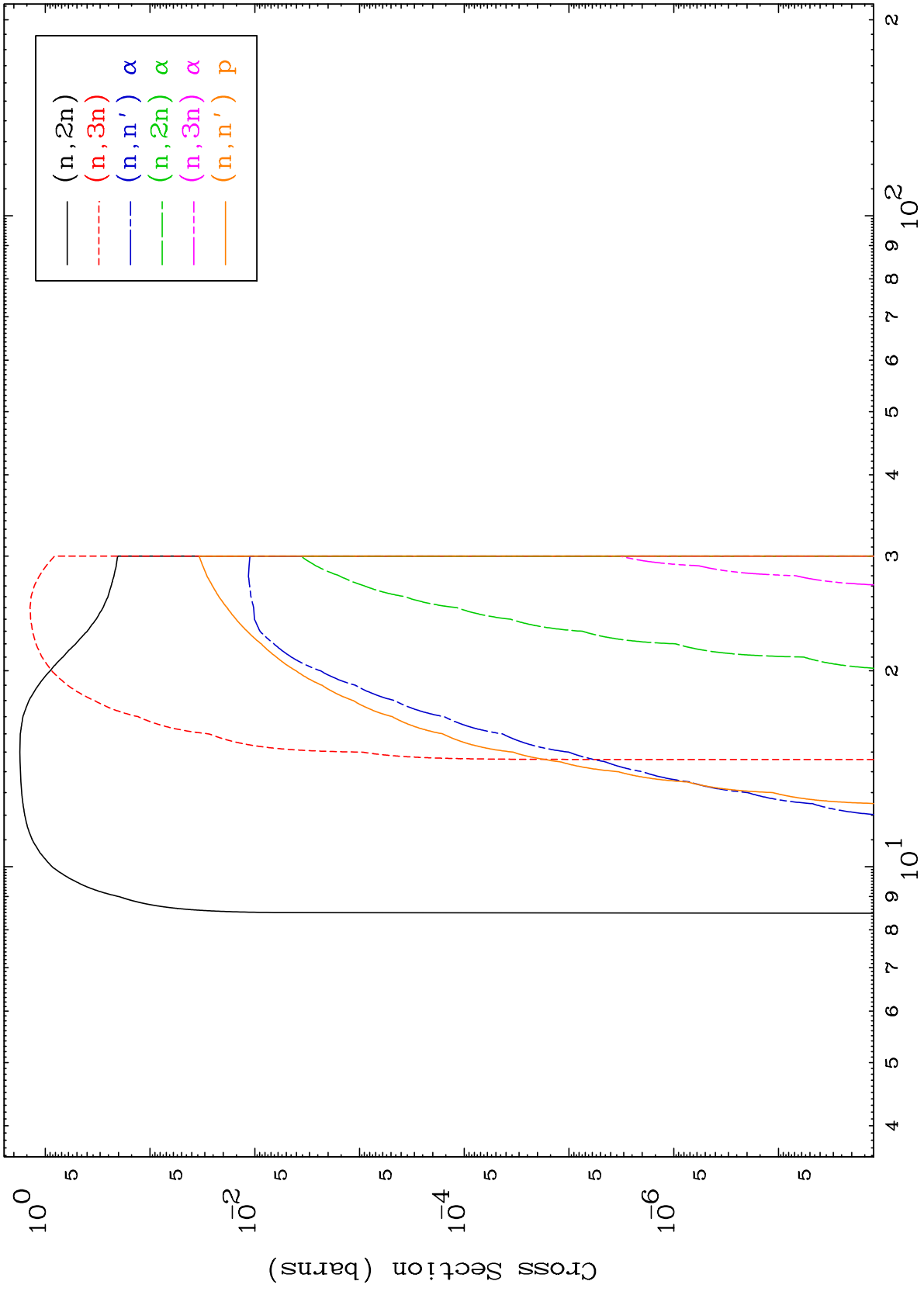
52-Te-130



MAT 5255

Neutron Production  
293 Kelvin Cross Sections

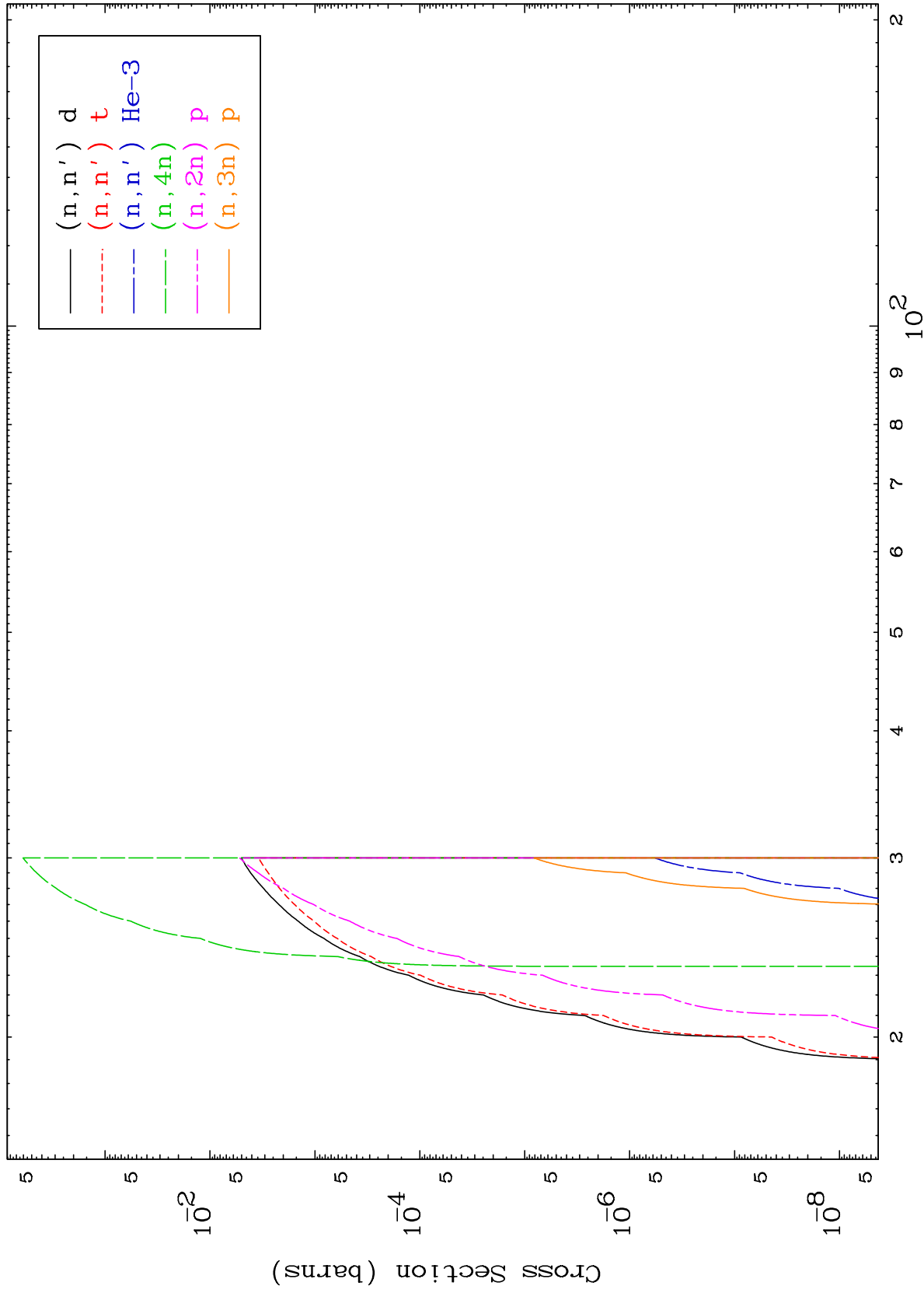
52-Te-130



2

Incident Energy (MeV)

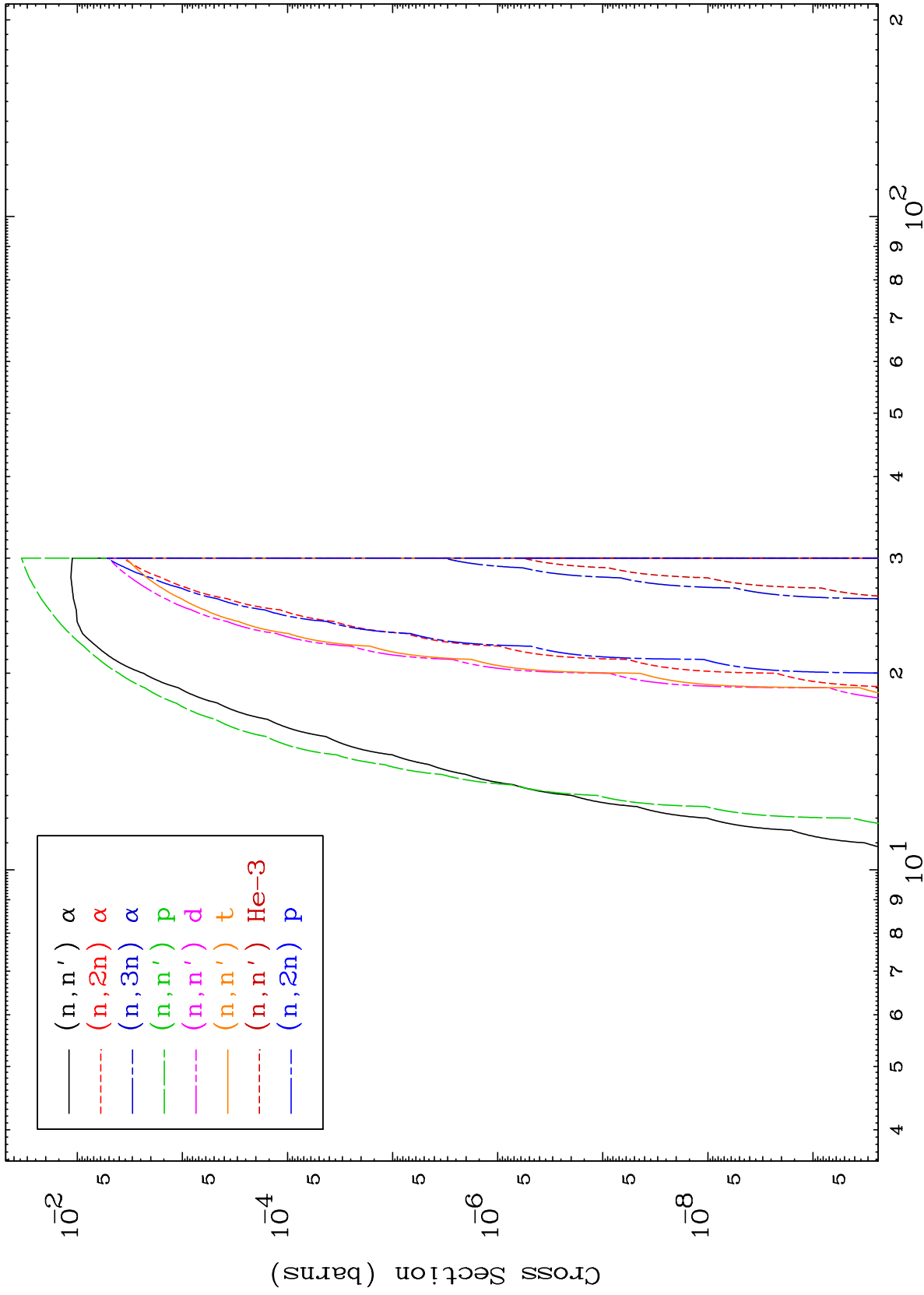
52-Te-130



MAT 5255

293 Kelvin Cross Sections

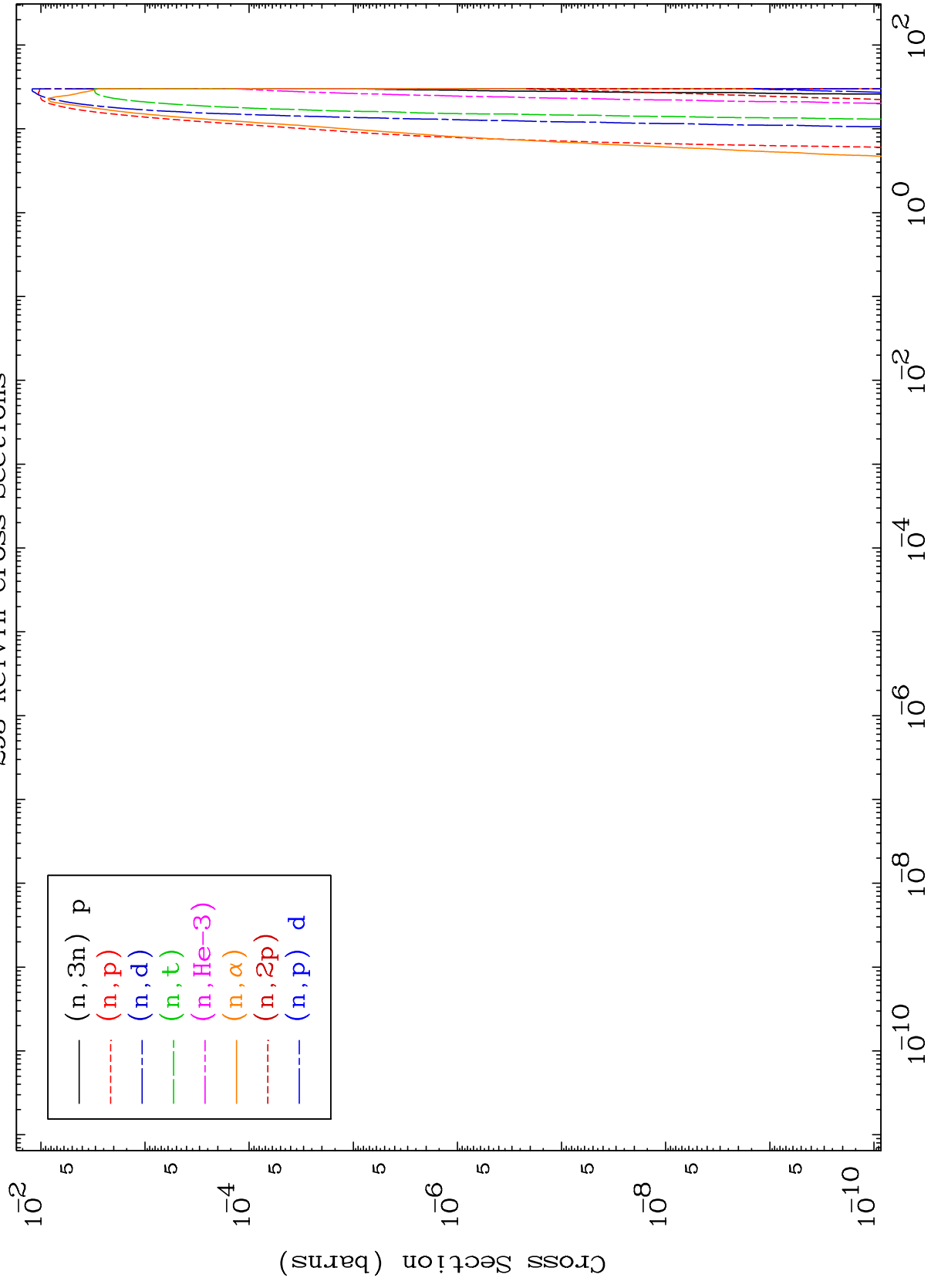
52-Te-130



MAT 5255

293 Kelvin Cross Sections

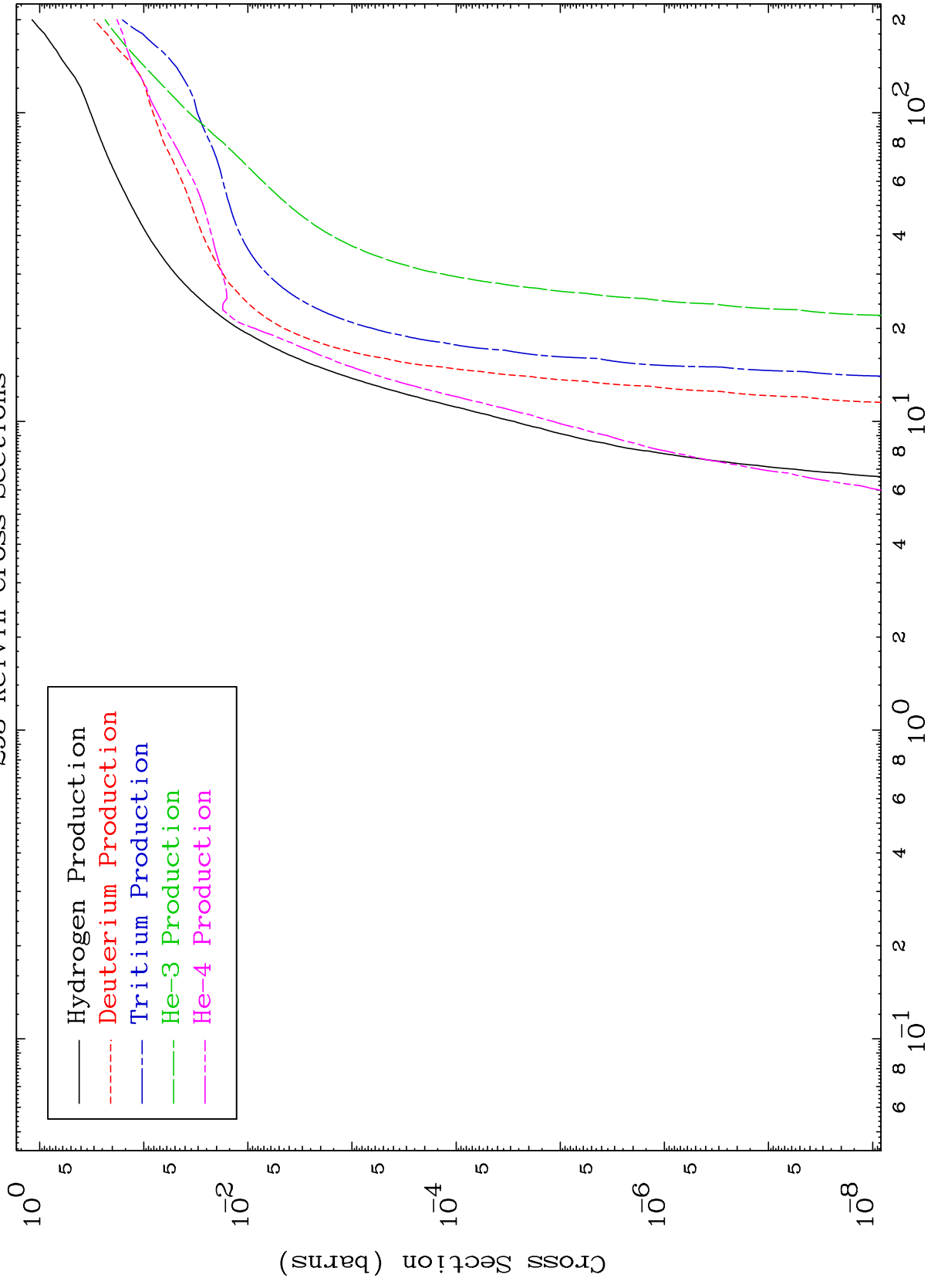
52-Te-130



MAT 5255

Particle Production  
293 Kelvin Cross Sections

52-Te-130



6

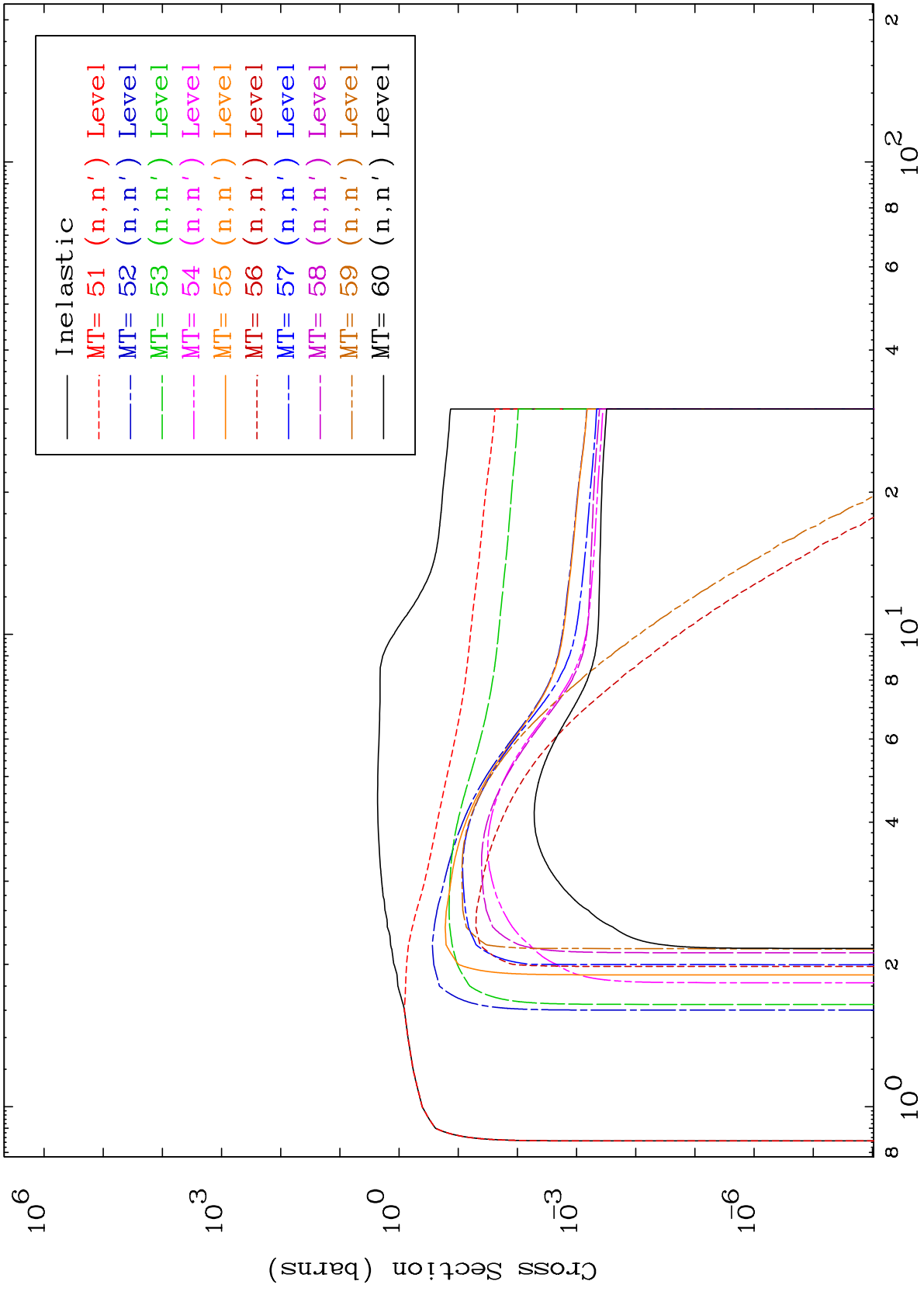
52-Te-130

MAT 5255

(n,n') Level

52-Te-130

293 Kelvin Cross Sections



7

Incident Energy (MeV)

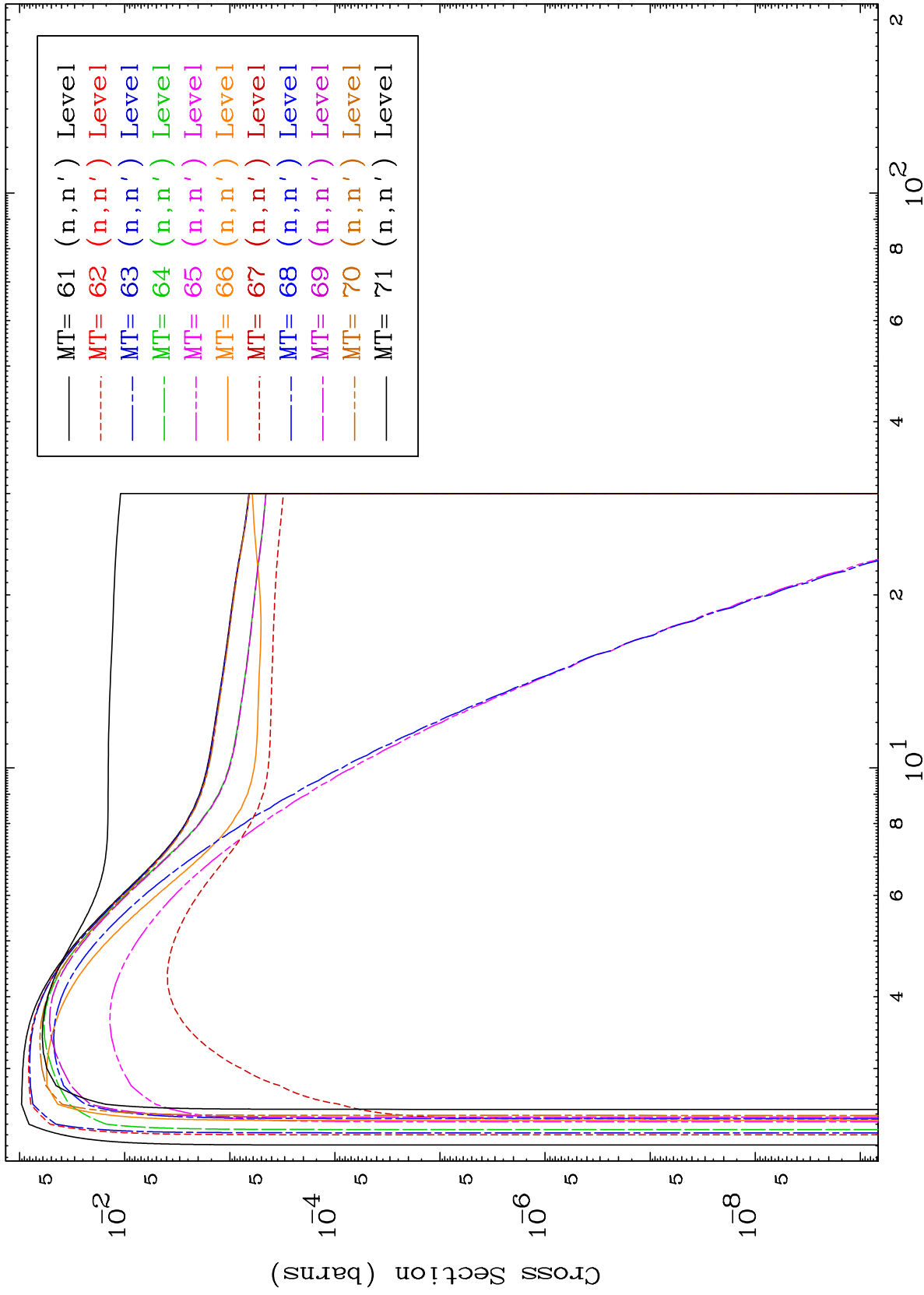
52-Te-130

MAT 5255

(n,n') Level

52-Te-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

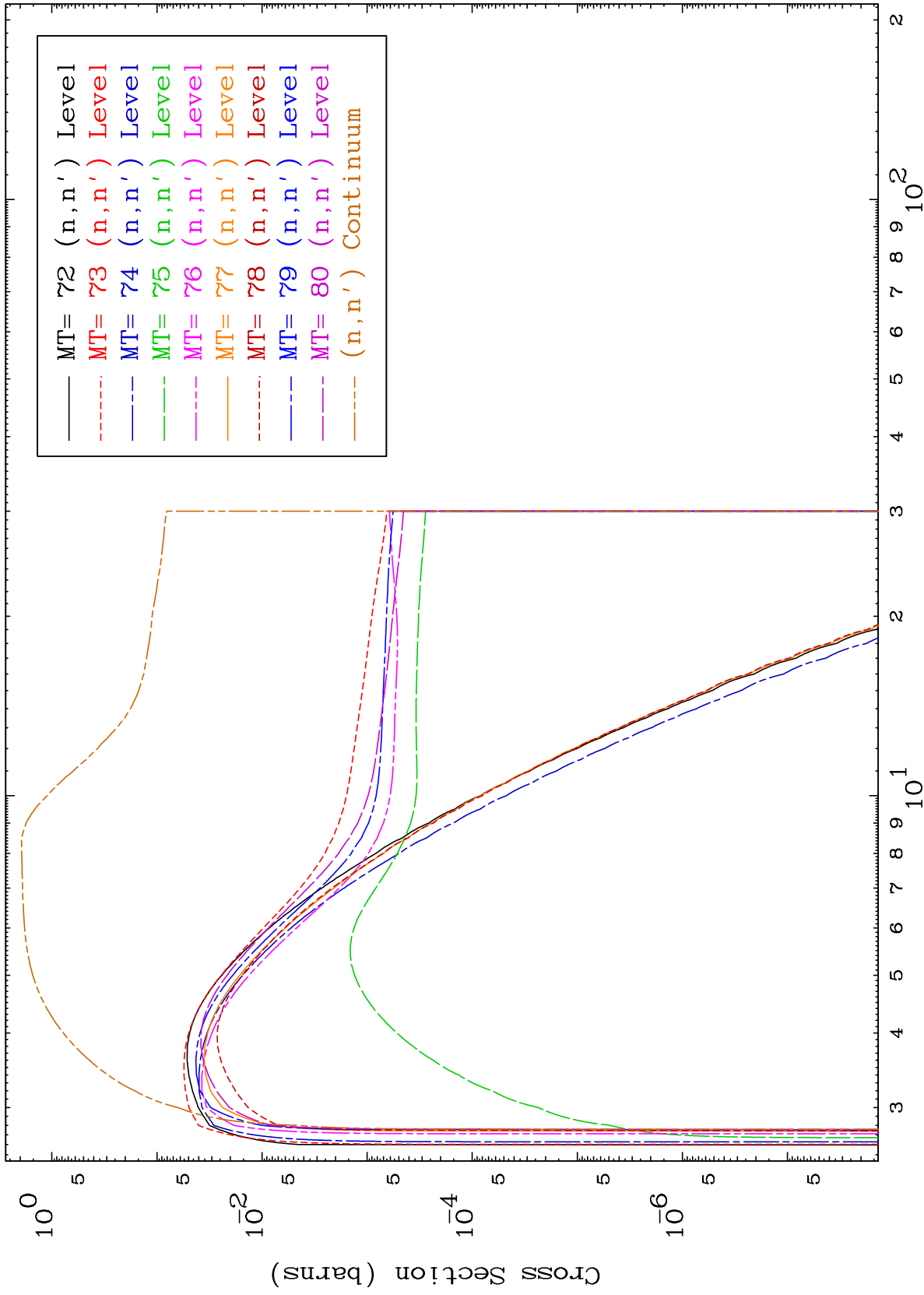
52-Te-130

MAT 5255

(n,n') Level

52-Te-130

293 Kelvin Cross Sections



9

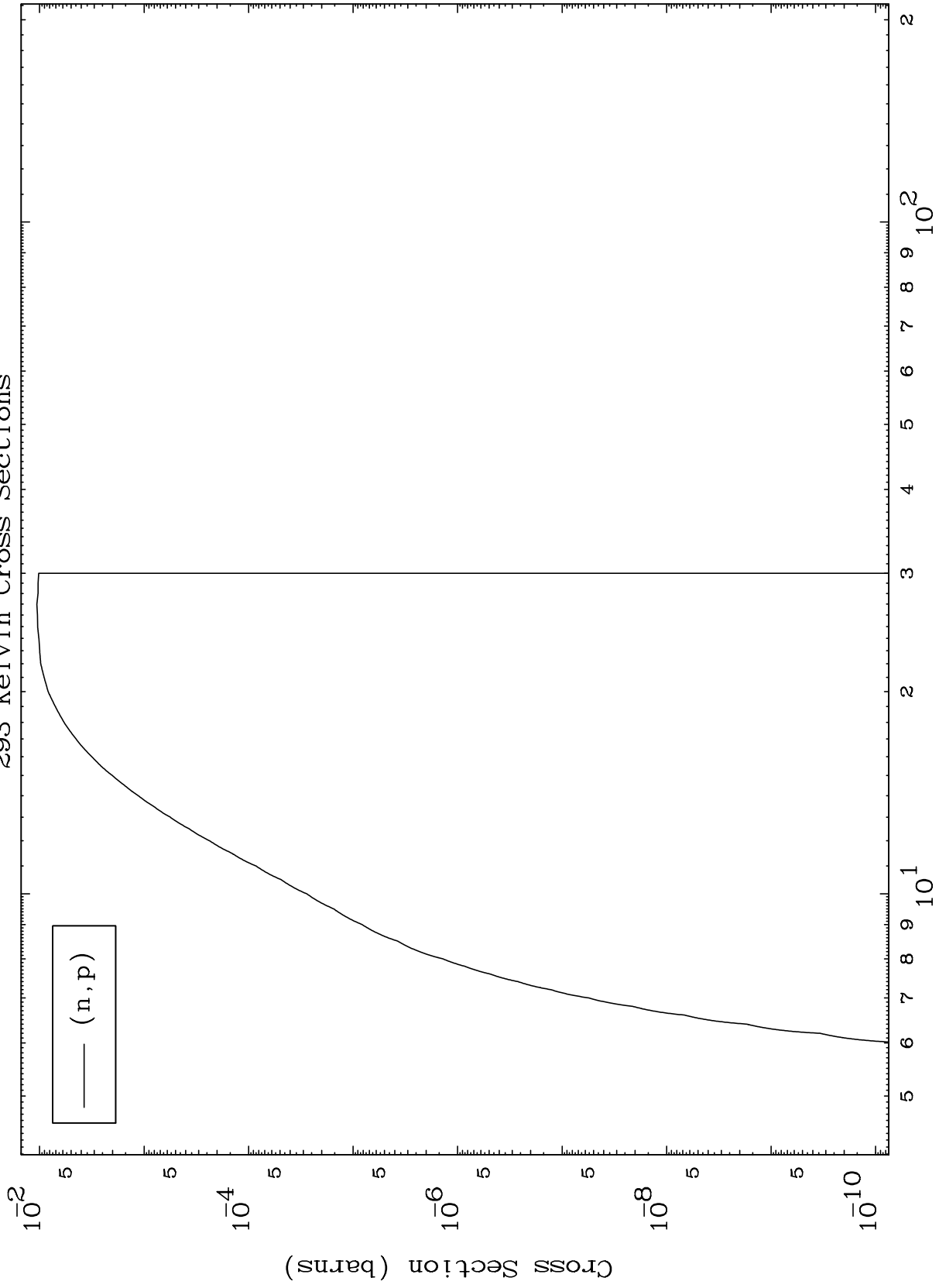
Incident Energy (MeV)

52-Te-130

MAT 5255

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-130



10

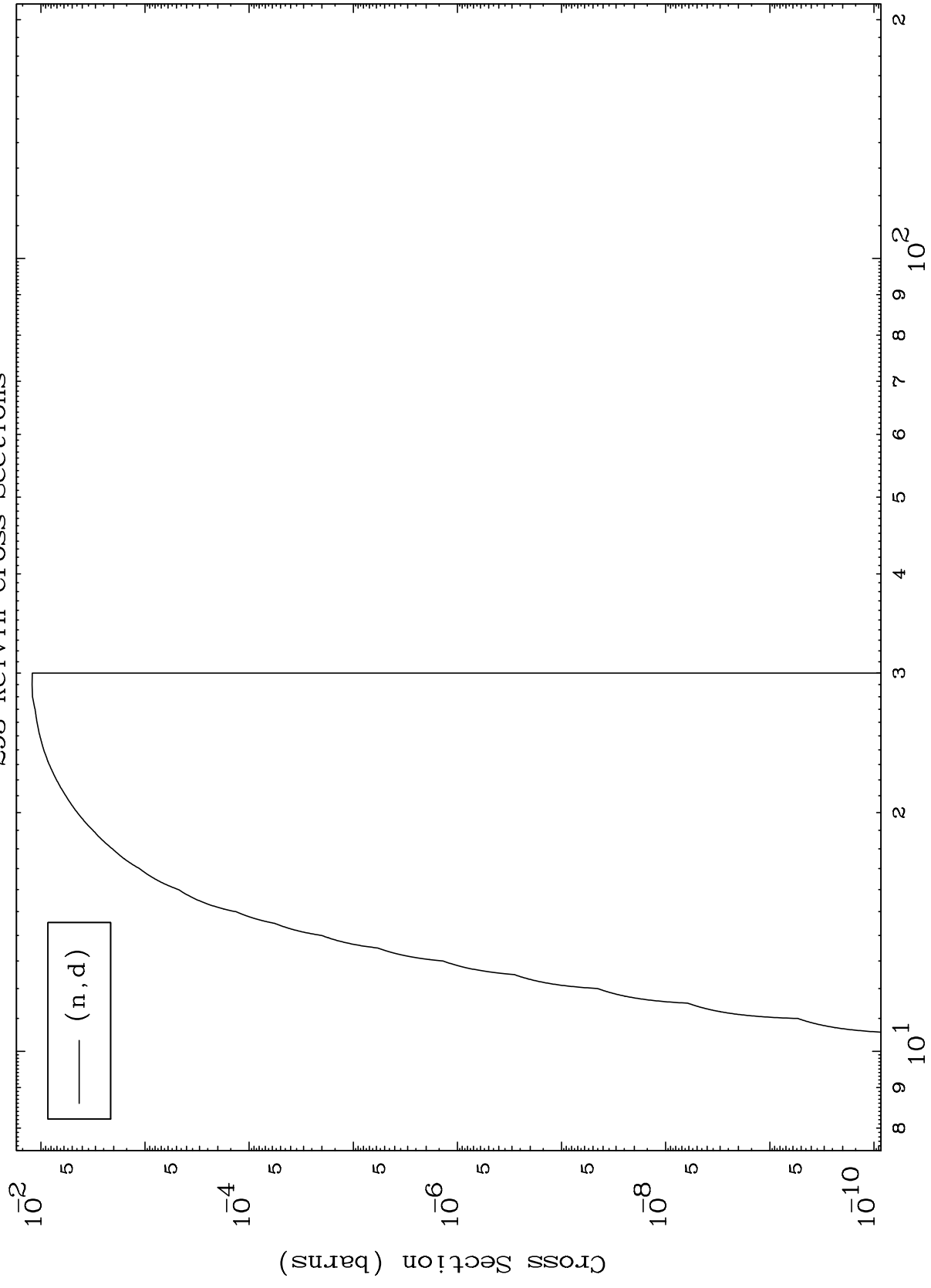
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52-Te-130

MAT 5255

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-130

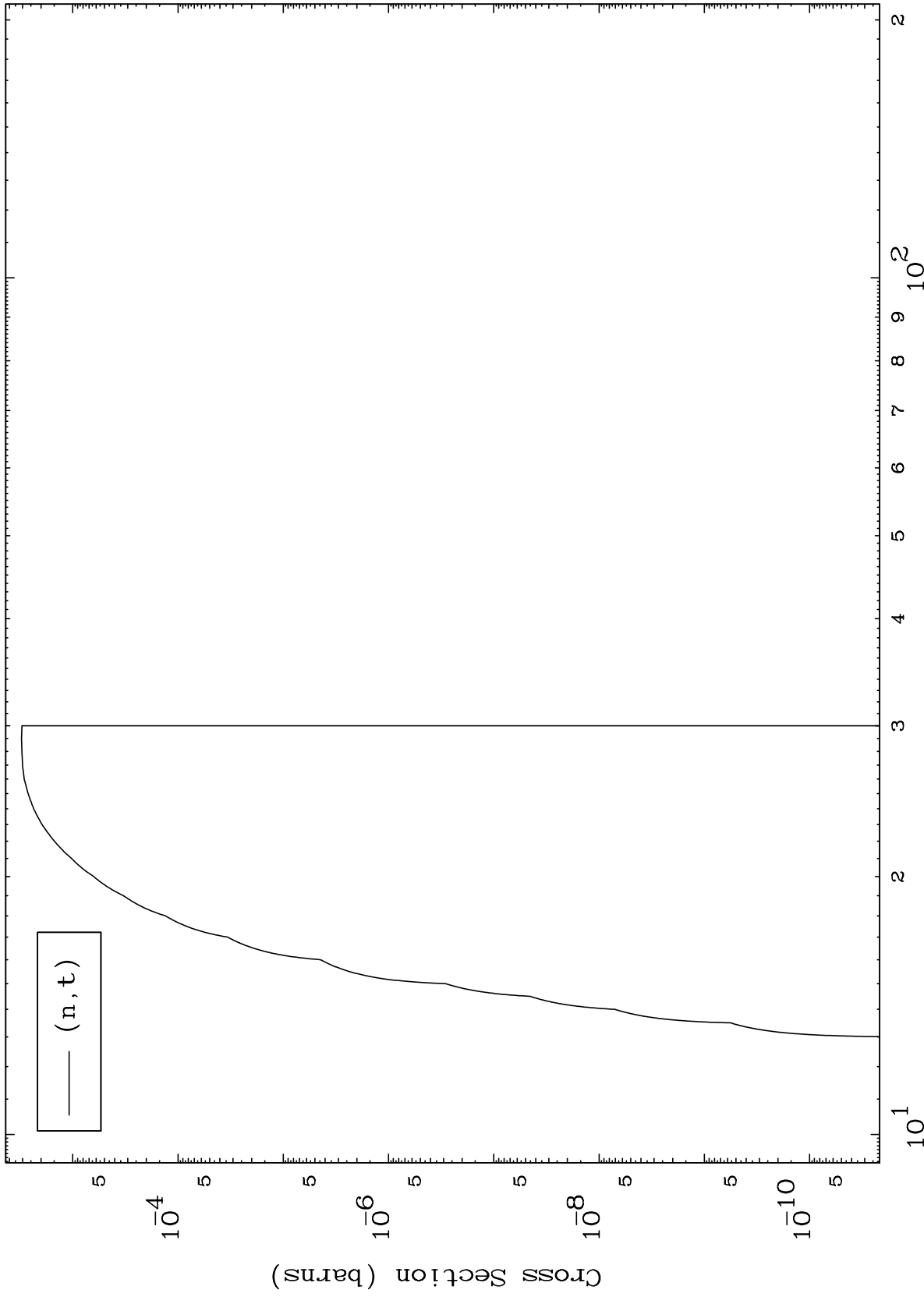


52-Te-130

MAT 5255

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-130



12

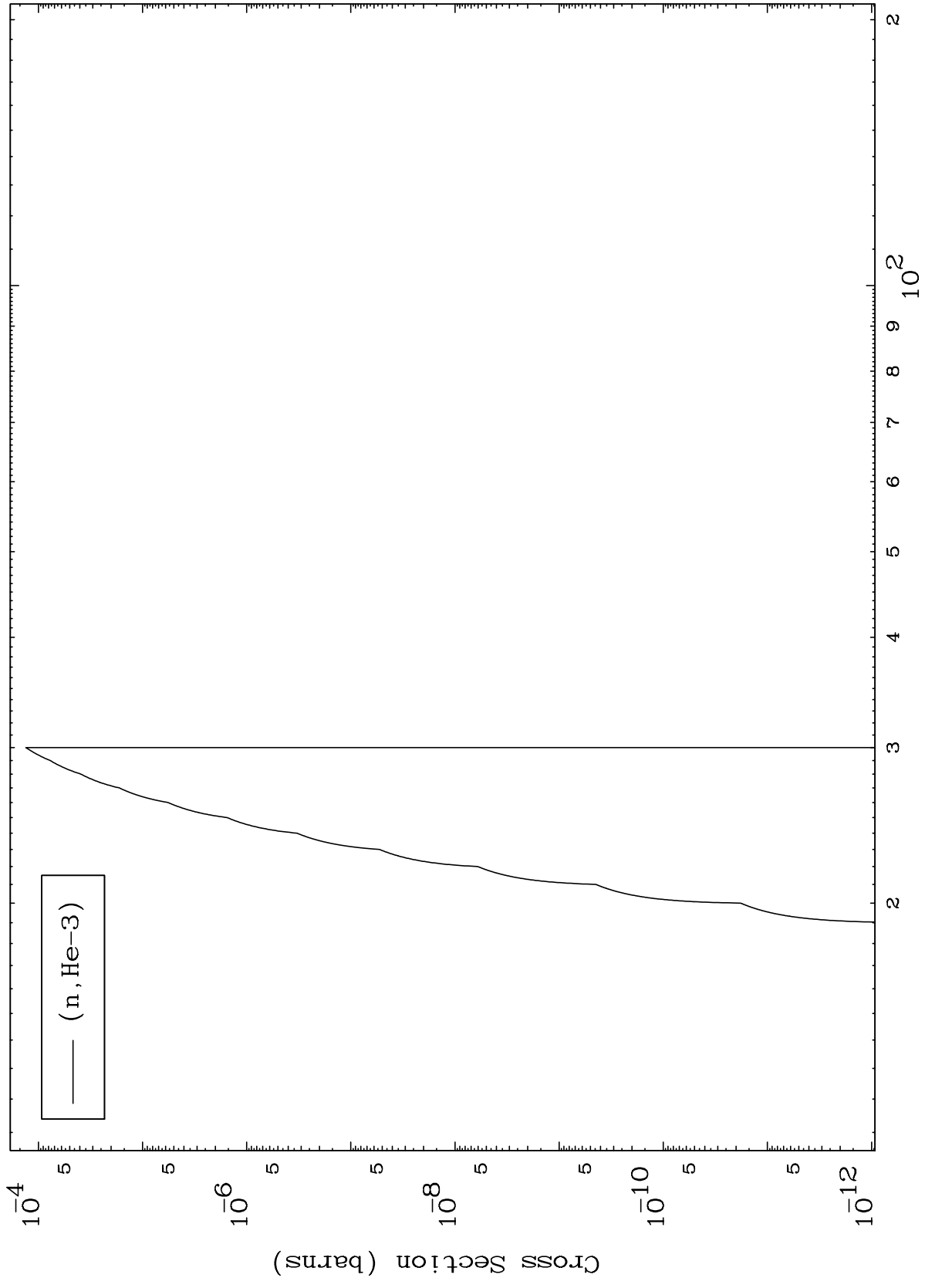
Incident Energy (MeV)

52-Te-130

MAT 5255

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-130



13

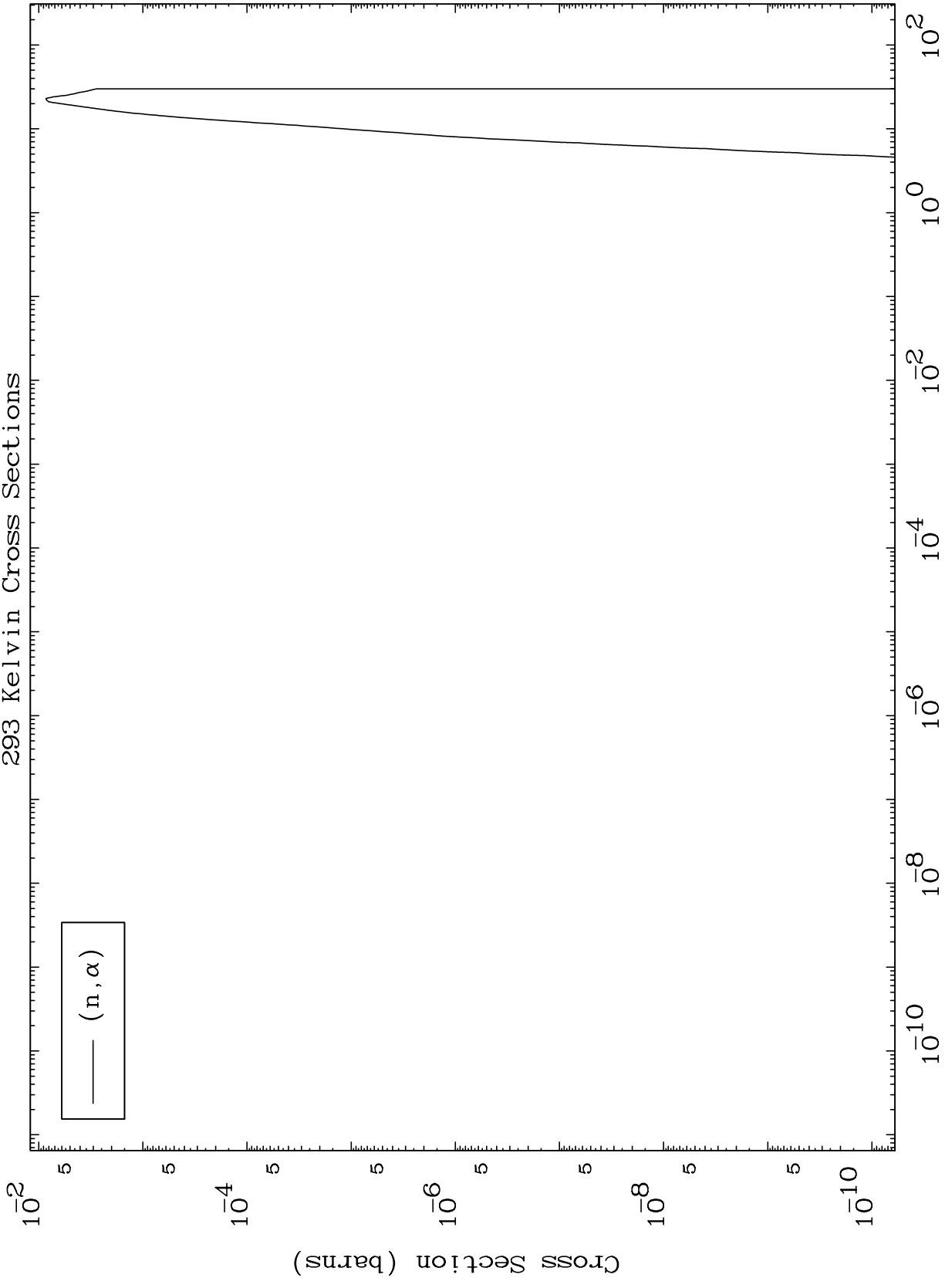
Incident Energy (MeV)

52-Te-130

MAT 5255

(n,α) Levels  
293 Kelvin Cross Sections

52-Te-130

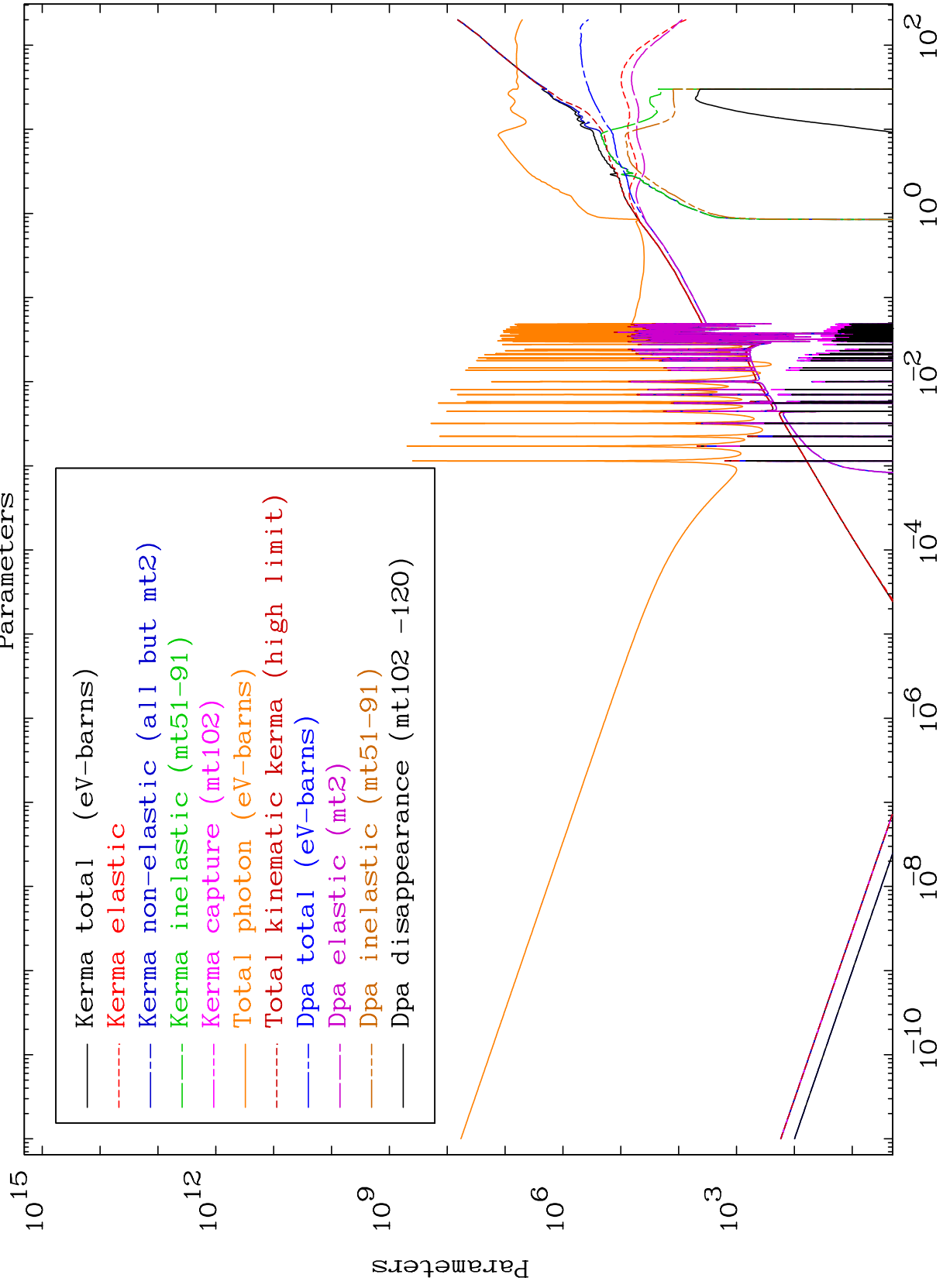


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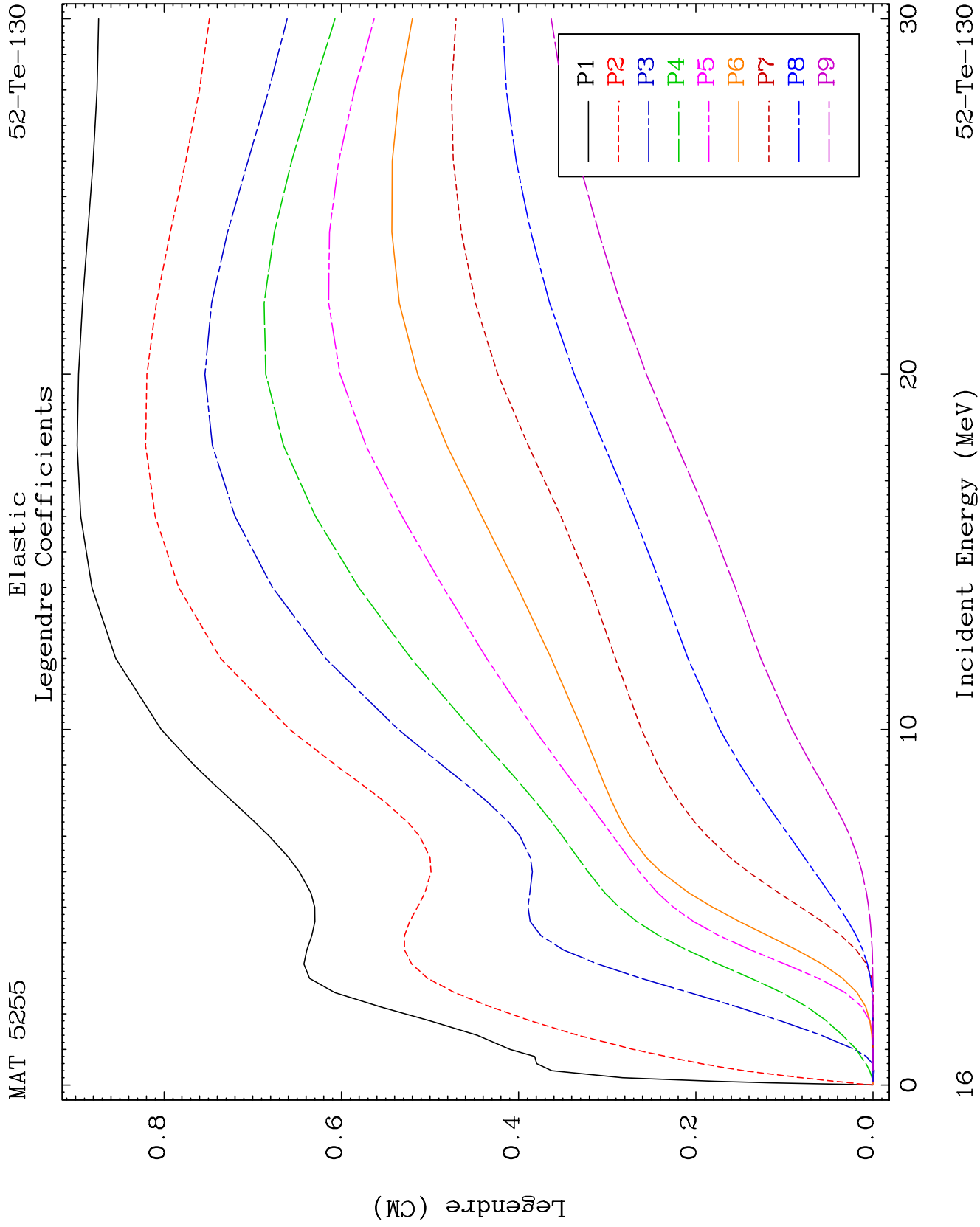
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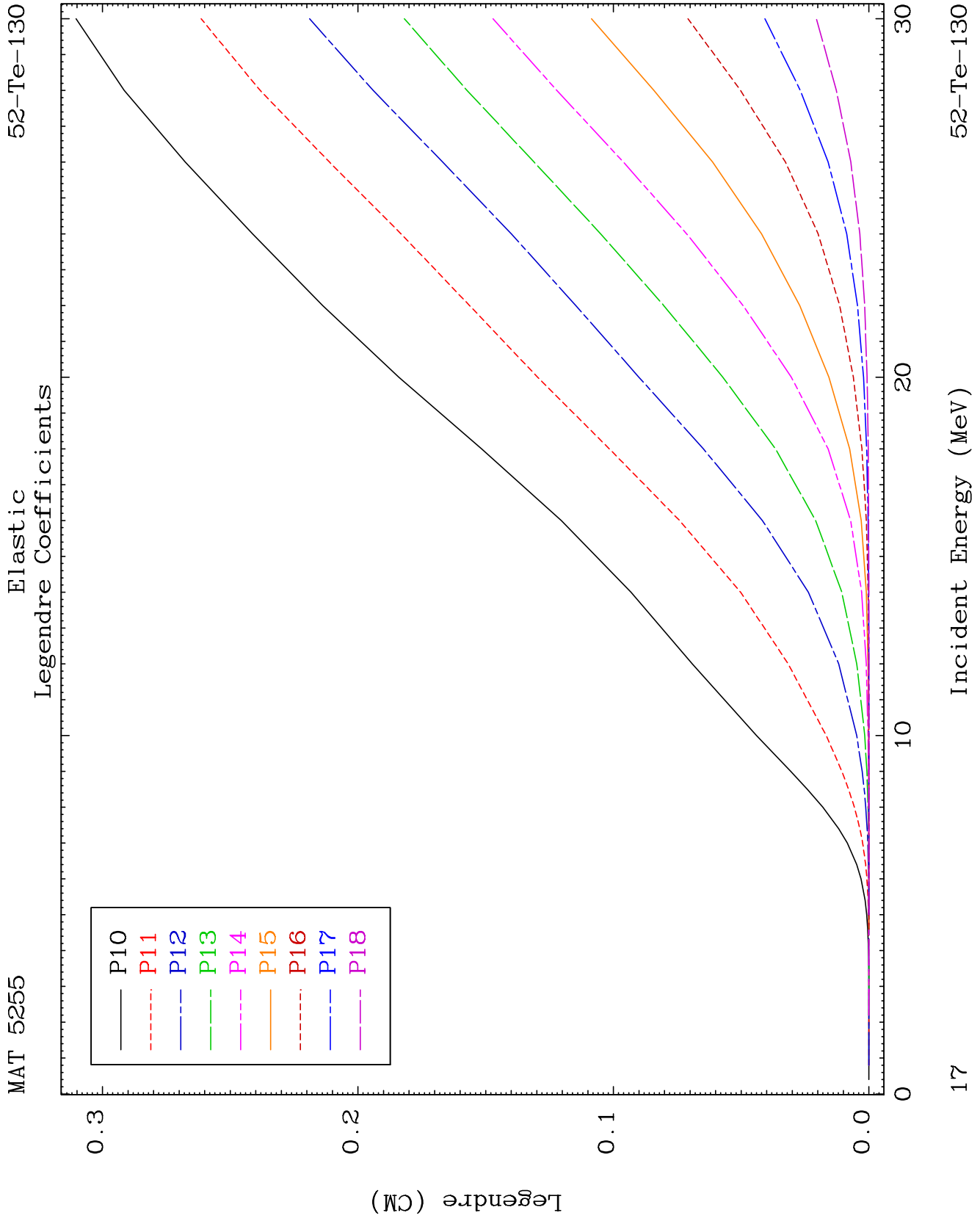
Energy Release  
Parameters

52-Te-130



15

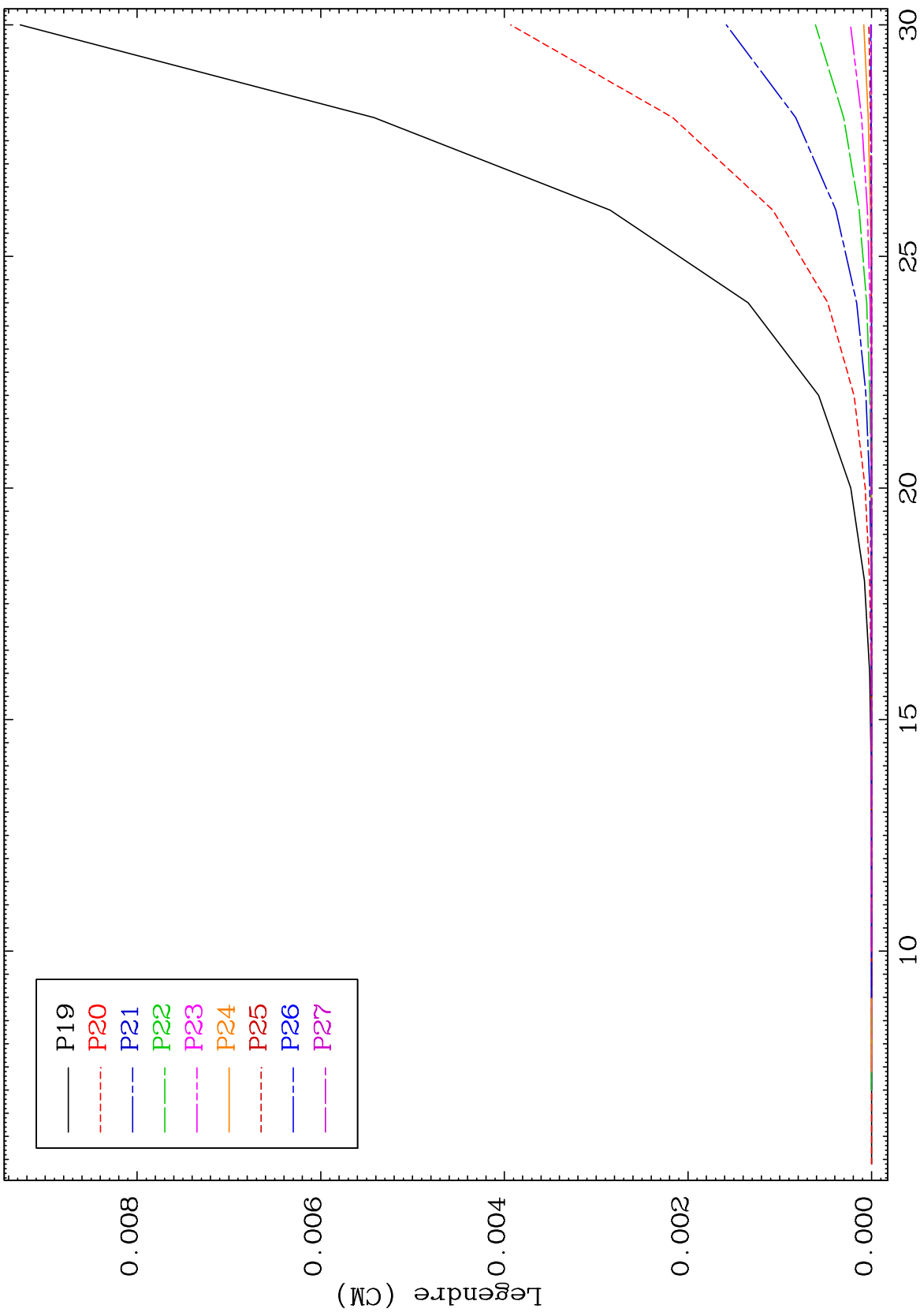




MAT 5255

Elastic Legendre Coefficients

52-Te-130



18

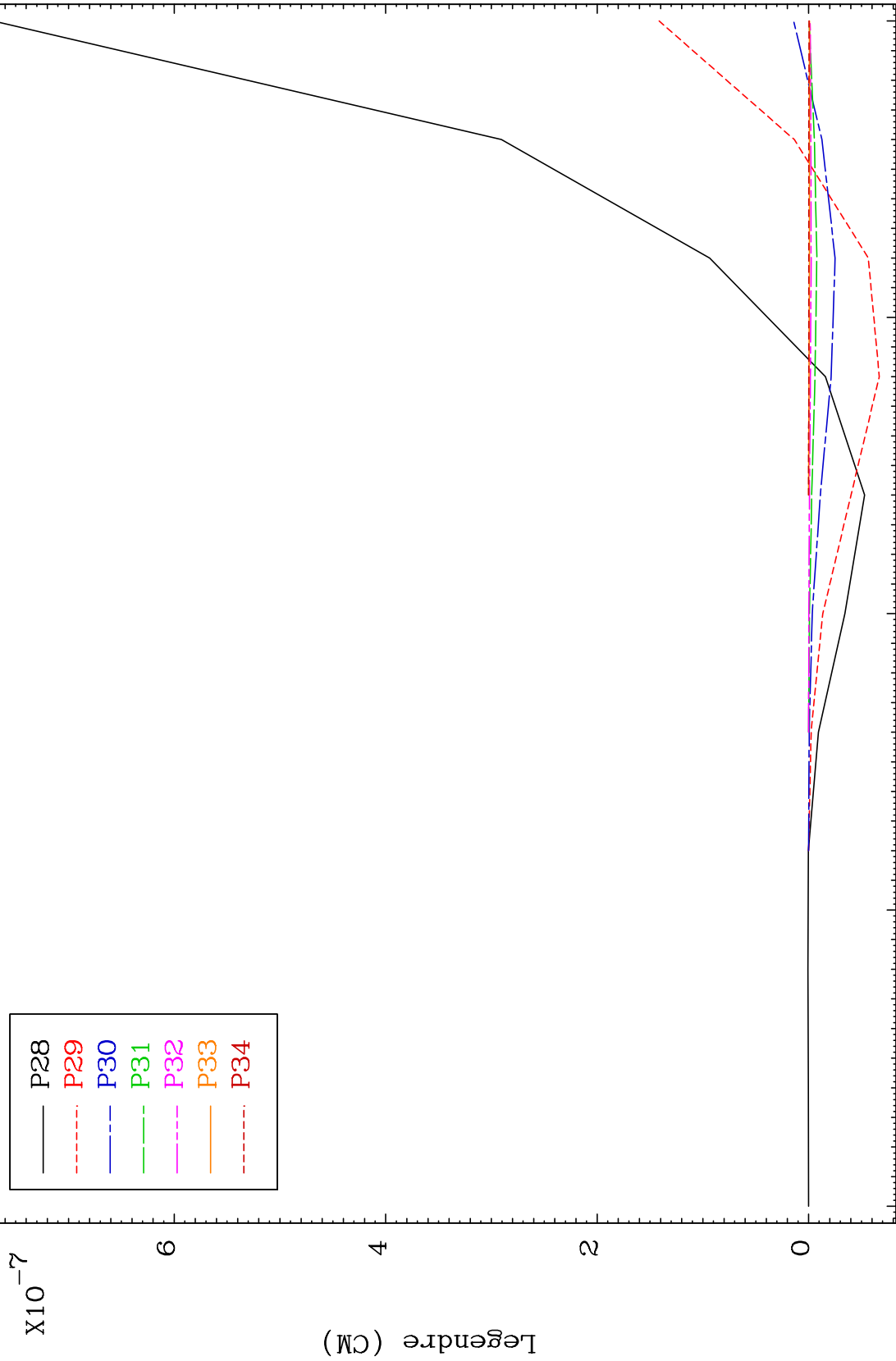
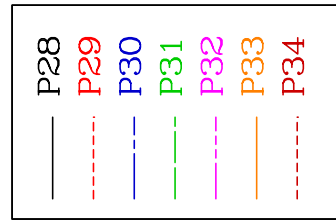
Incident Energy (MeV)

52-Te-130

MAT 5255

Elastic Legendre Coefficients

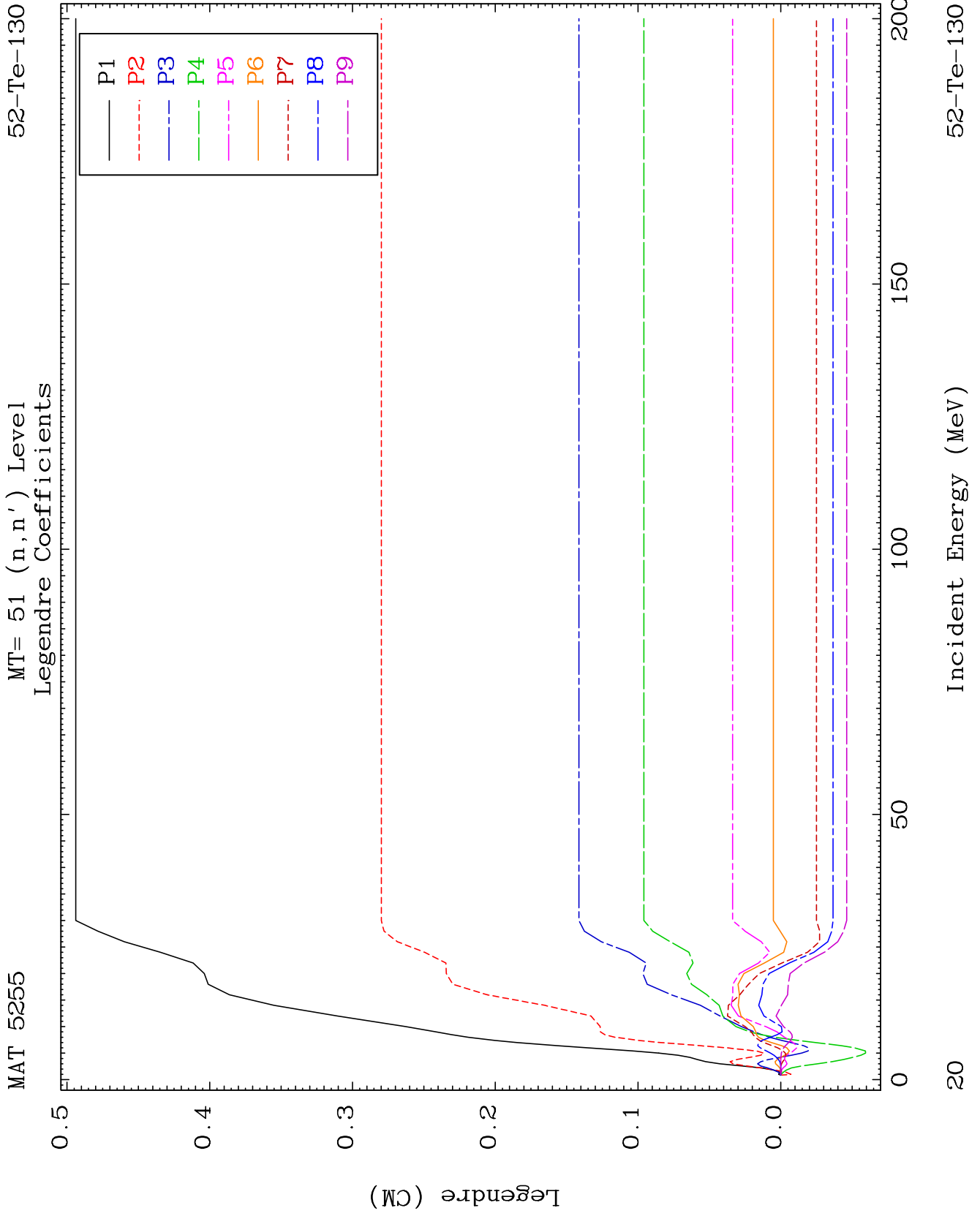
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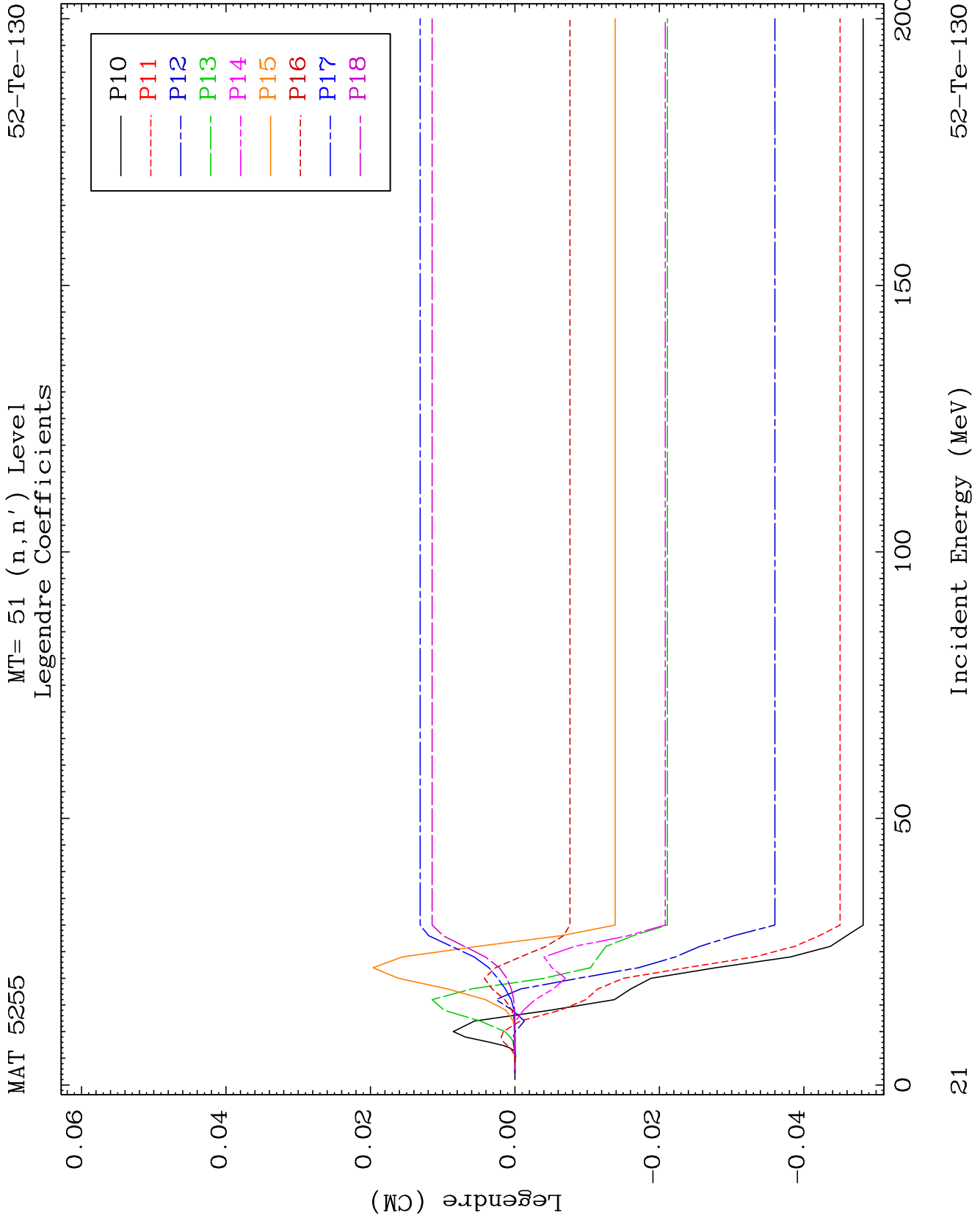


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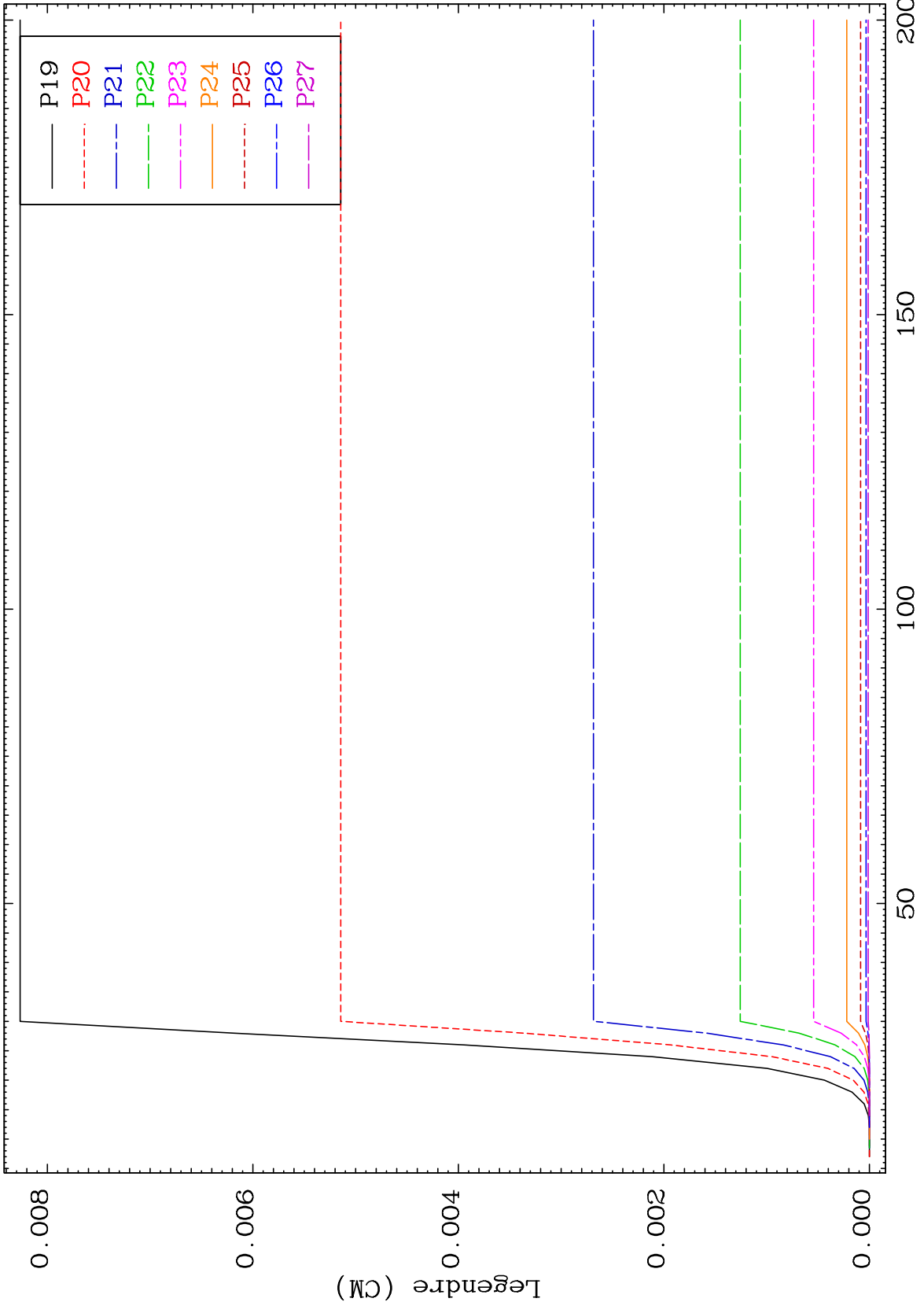
Incident Energy (MeV)

52-Te-130





MAT 5255 MT= 51 (n,n') Level Legendre Coefficients 52-Te-130

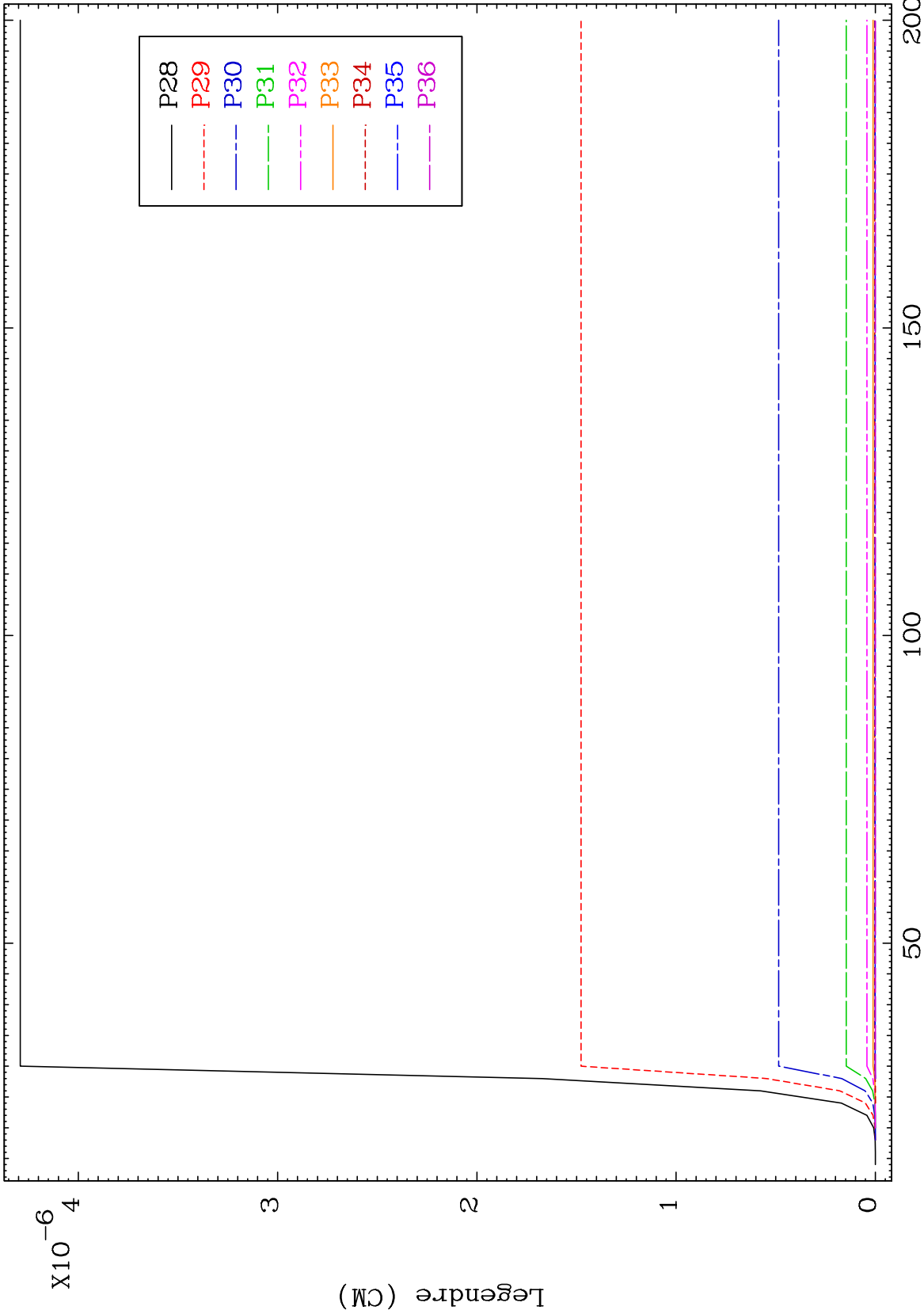


22 Incident Energy (MeV) 52-Te-130

MAT 5255

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

52-Te-130



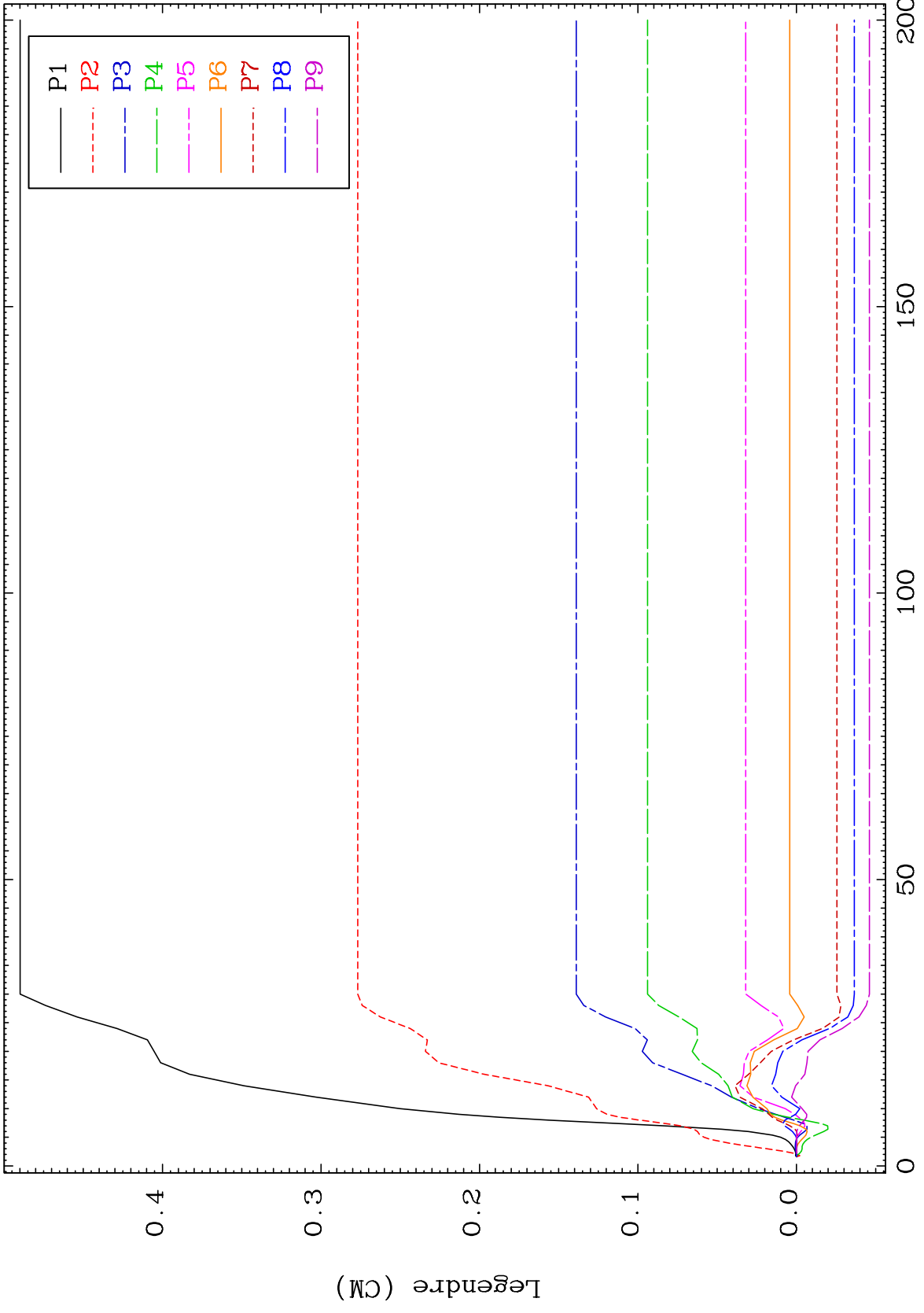
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52-Te-130

MAT 5255

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

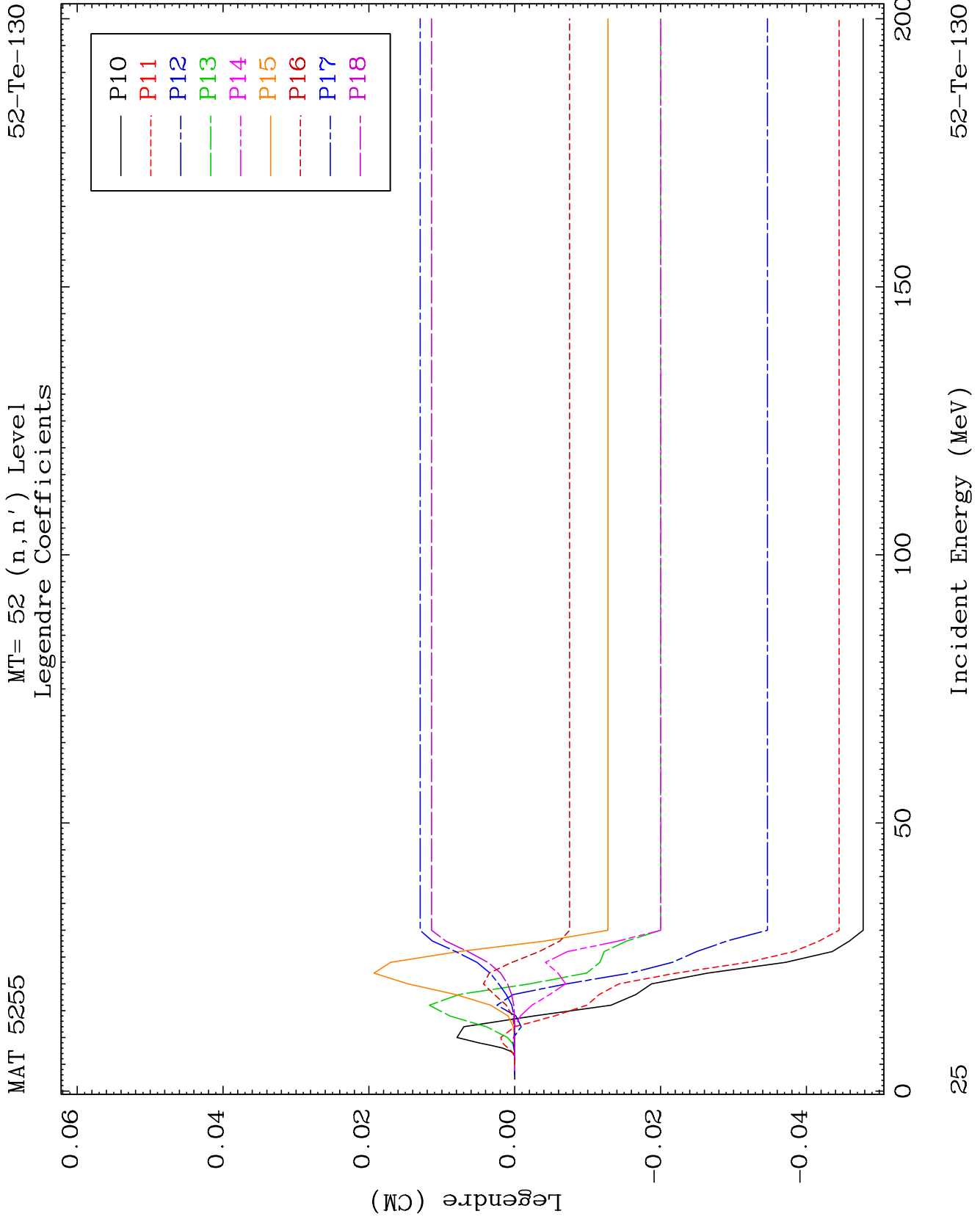
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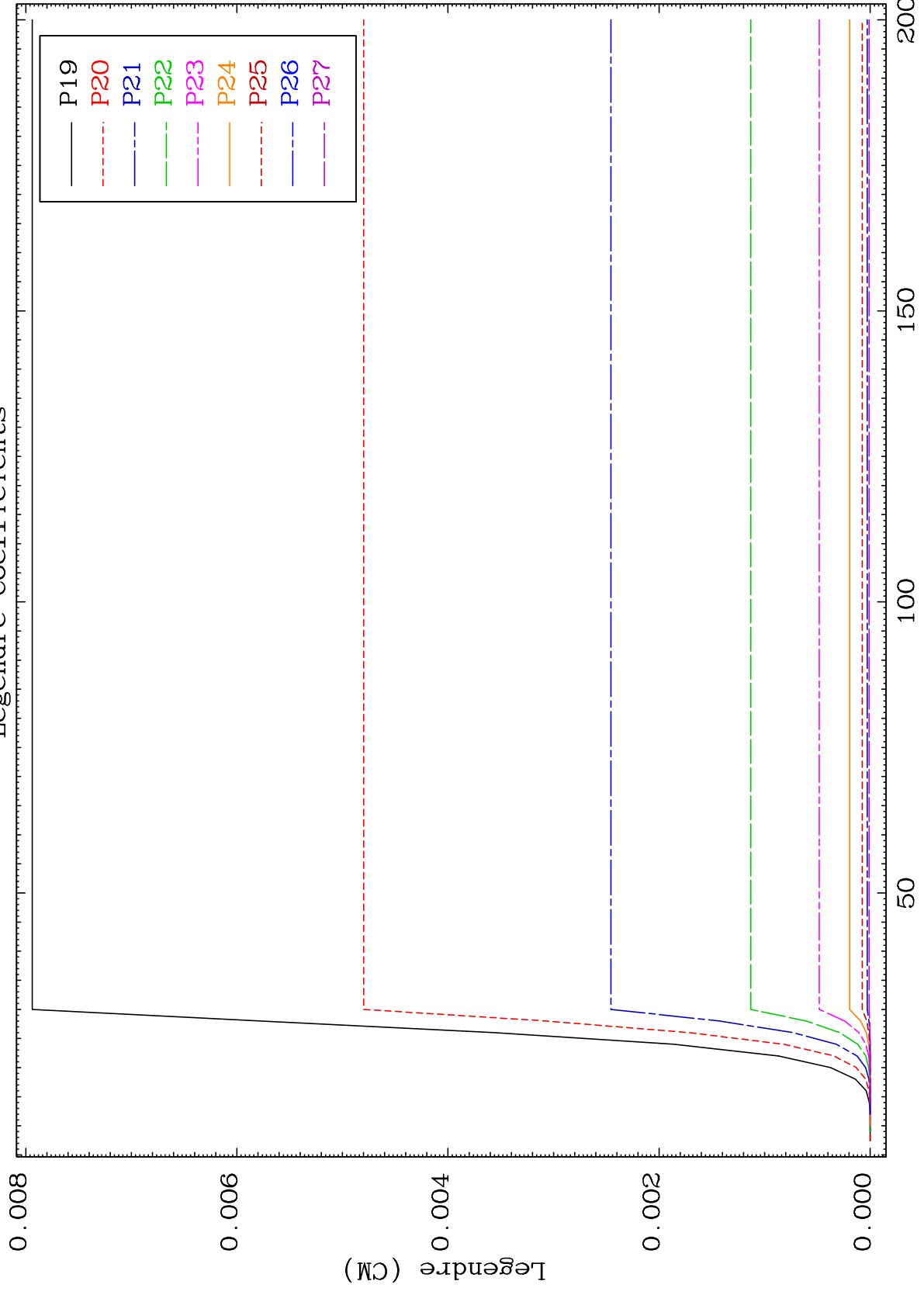
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Incident Energy (MeV)

52-Te-130



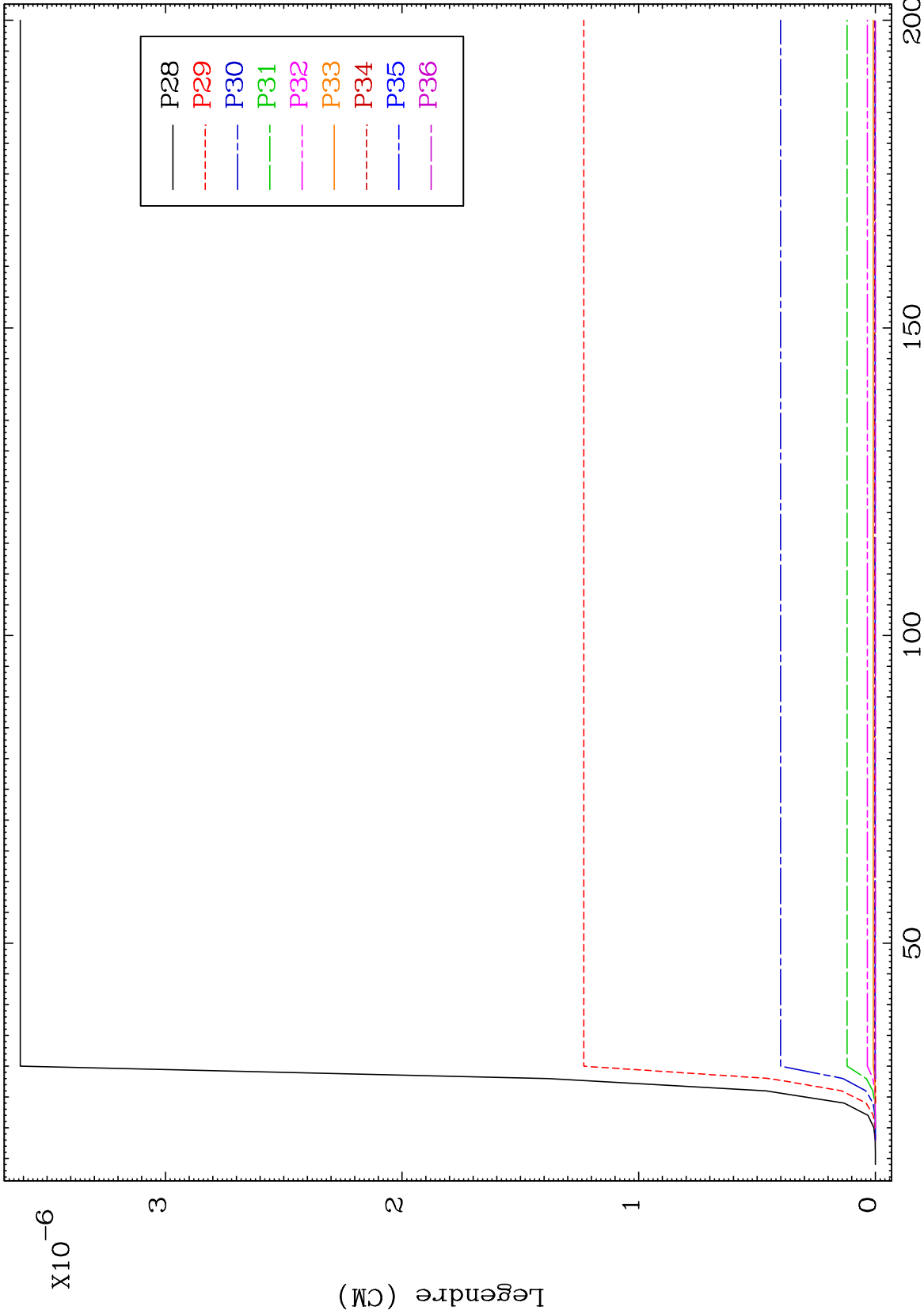
MAT 5255 MT= 52 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255

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

52-Te-130

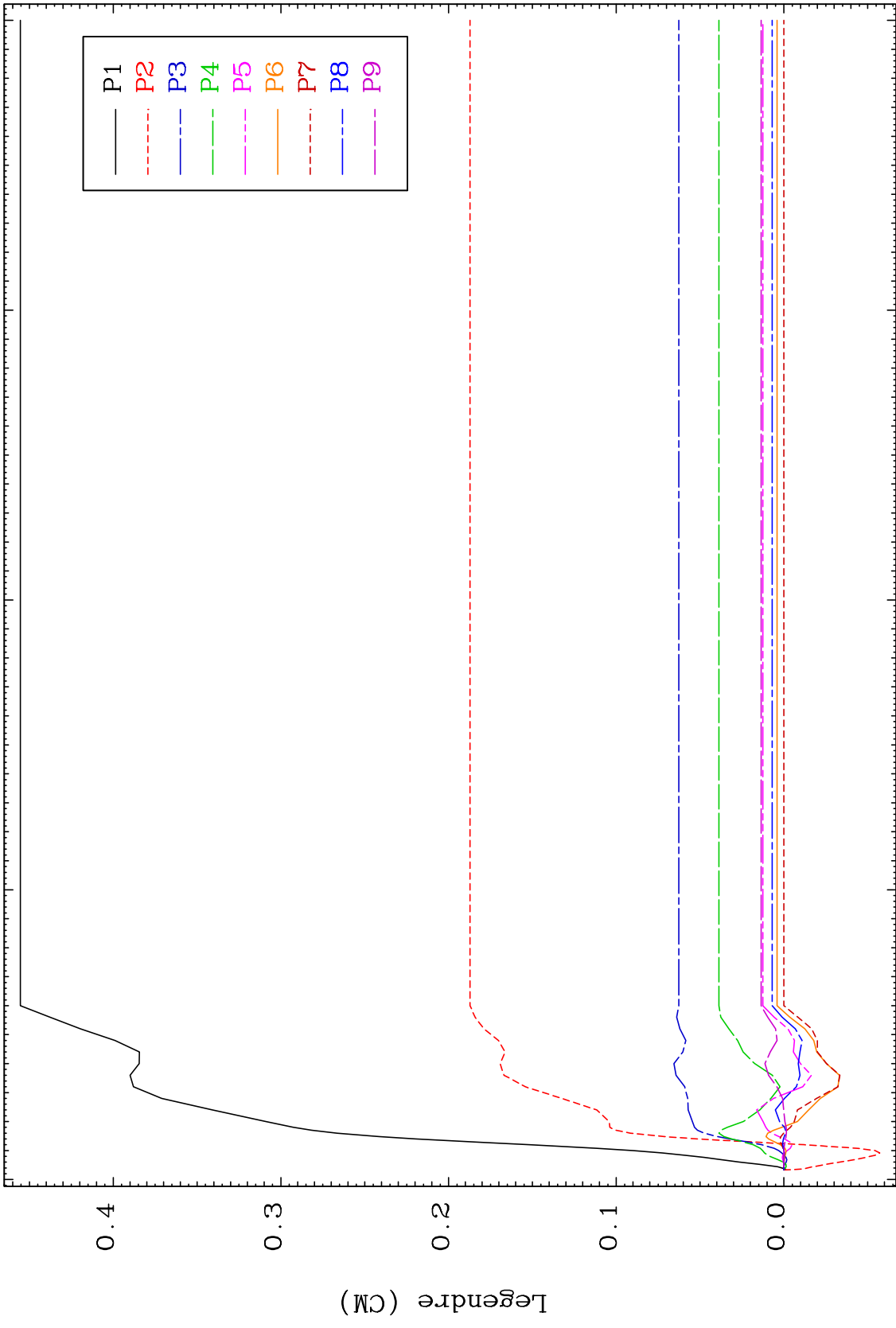


27

Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 53 (n,n') Level Legendre Coefficients 52-Te-130

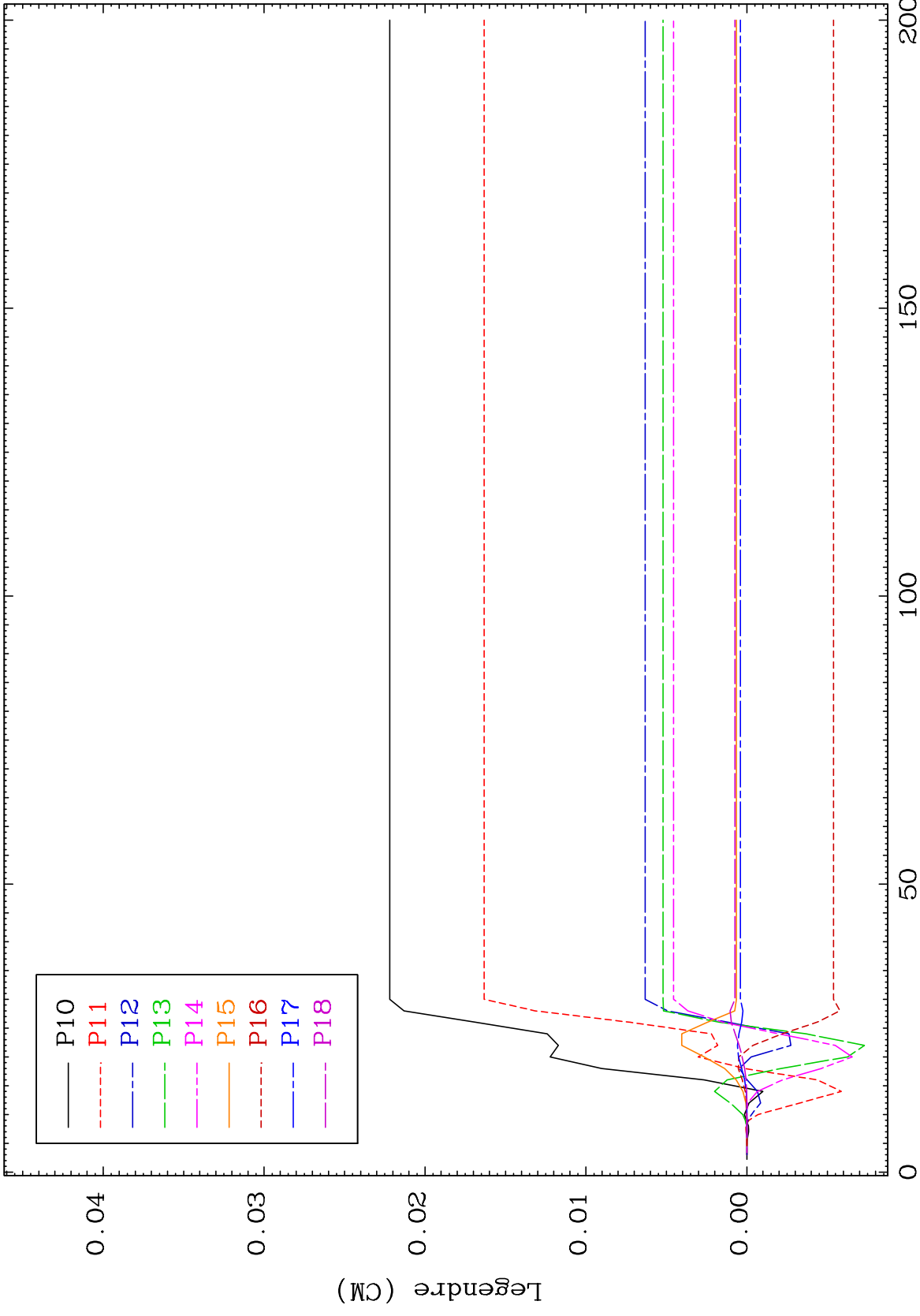


28 Incident Energy (MeV) 52-Te-130

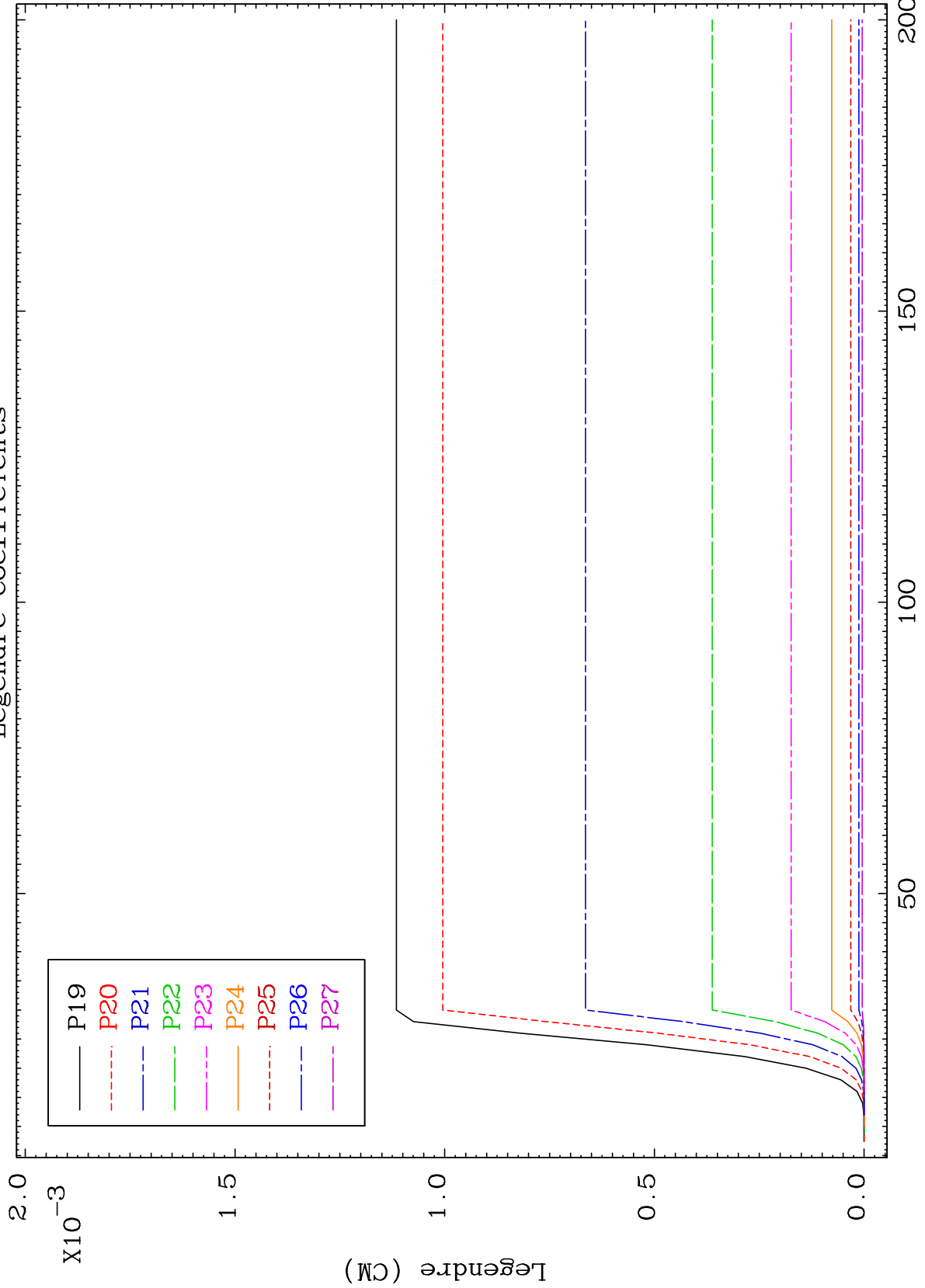
MAT 5255

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

52-Te-130



MAT 5255 MT= 53 (n,n') Level Legendre Coefficients 52-Te-130



52-Te-130

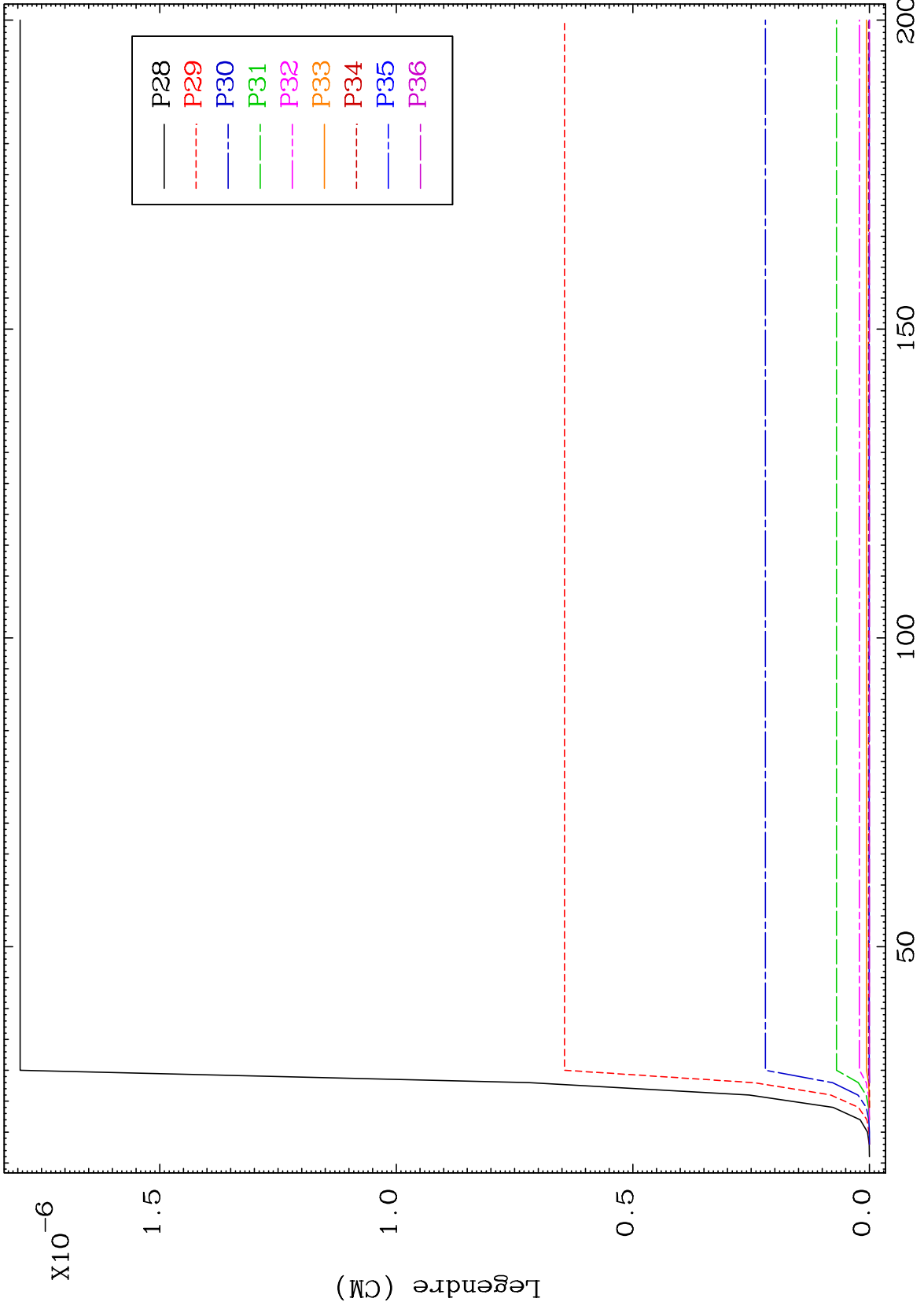
Incident Energy (MeV)

30

MAT 5255

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

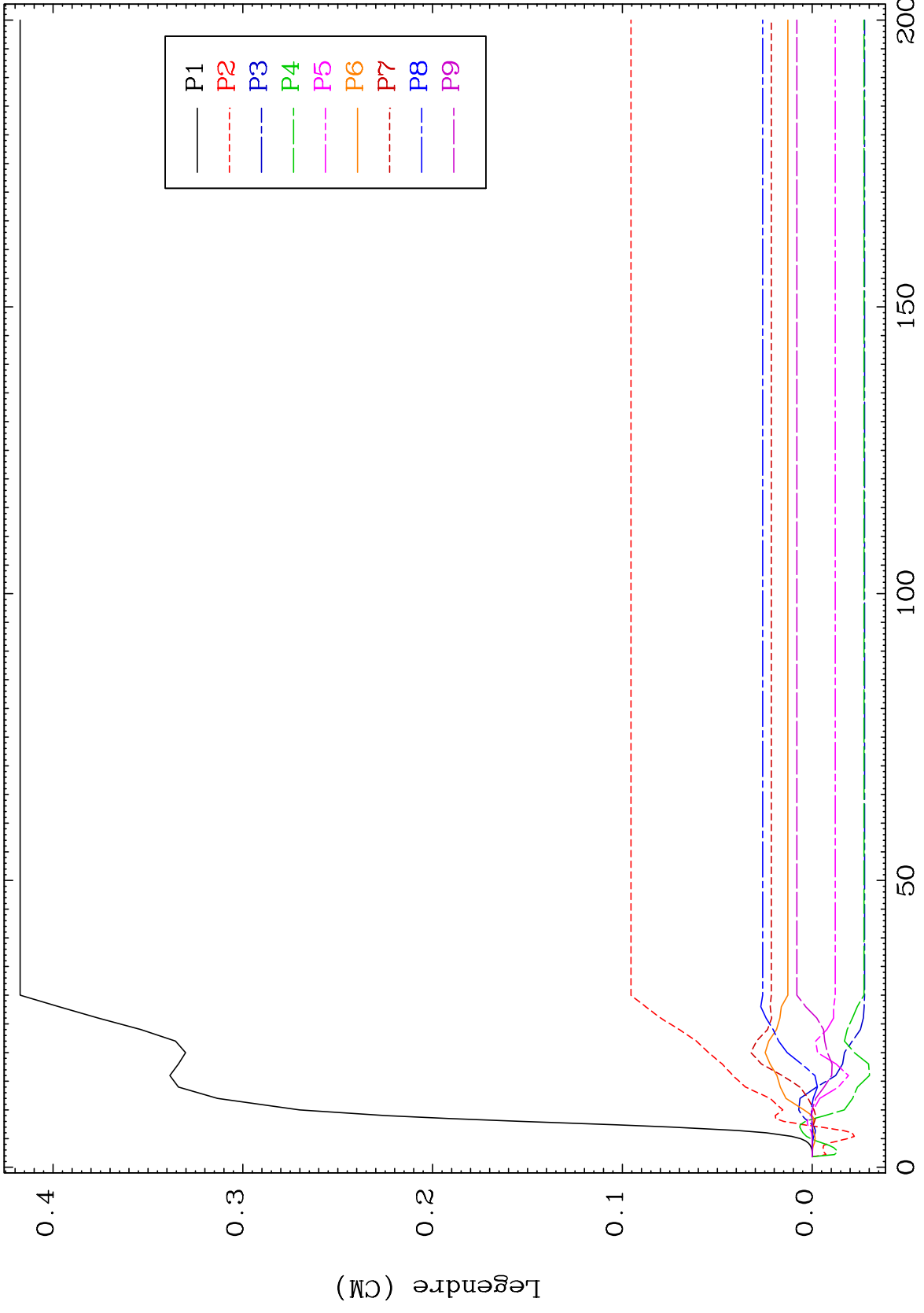
52-Te-130



31

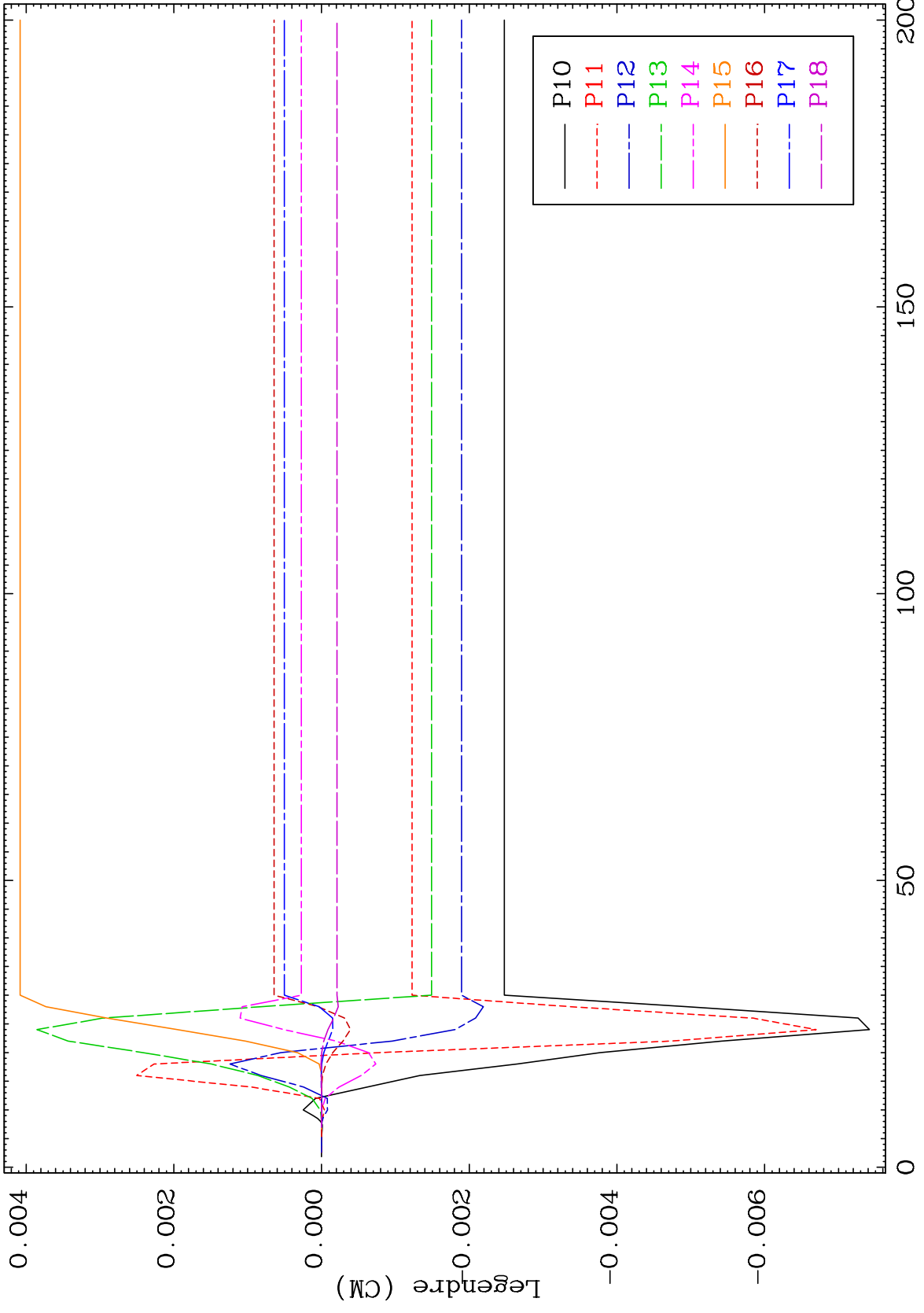
52-Te-130

MAT 5255 MT= 54 (n,n') Level Legendre Coefficients 52-Te-130



32 Incident Energy (MeV) 52-Te-130

MAT 5255 MT= 54 (n,n') Level Legendre Coefficients 52-Te-130

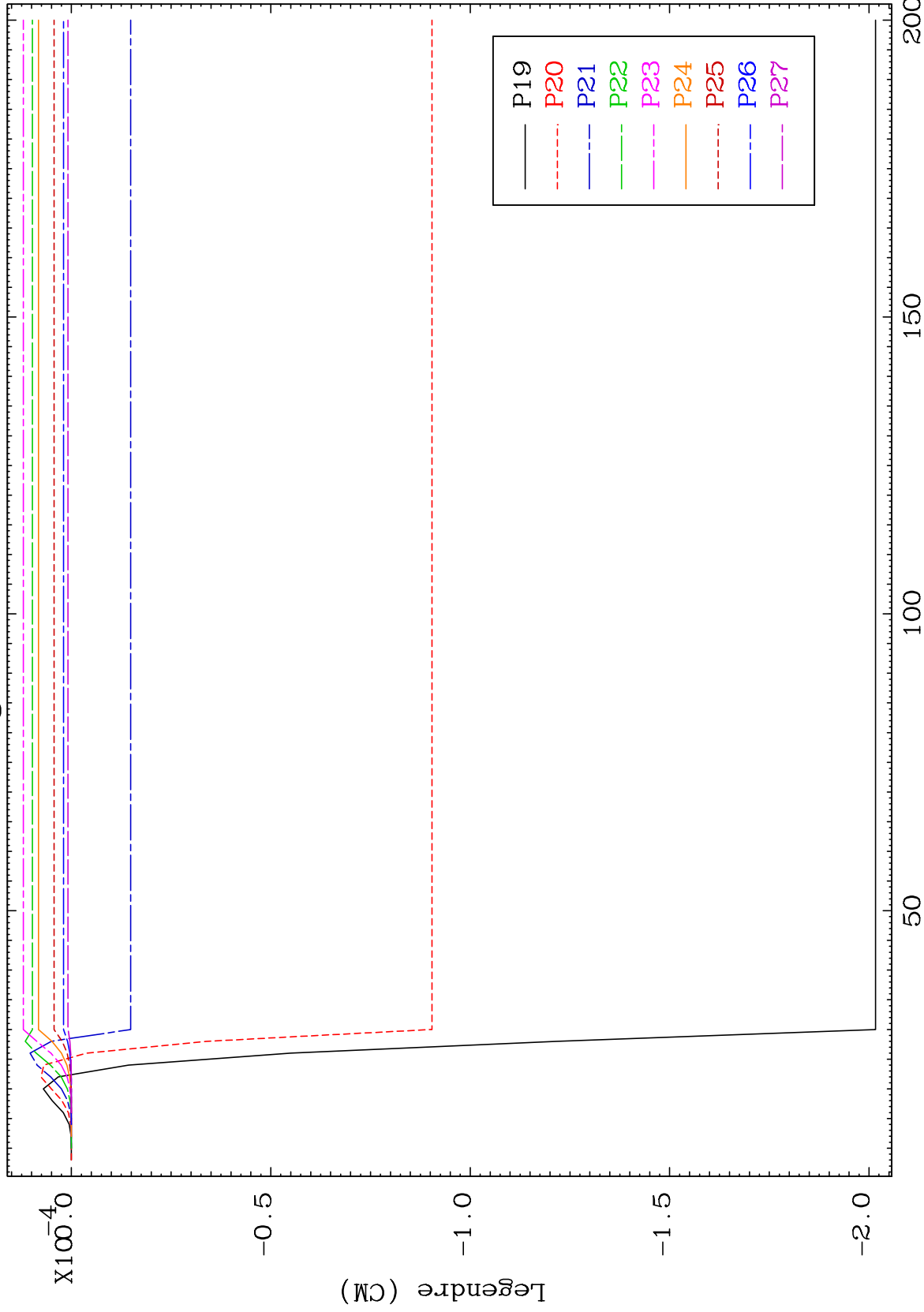


33 52-Te-130

MAT 5255

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

52-Te-130



52-Te-130

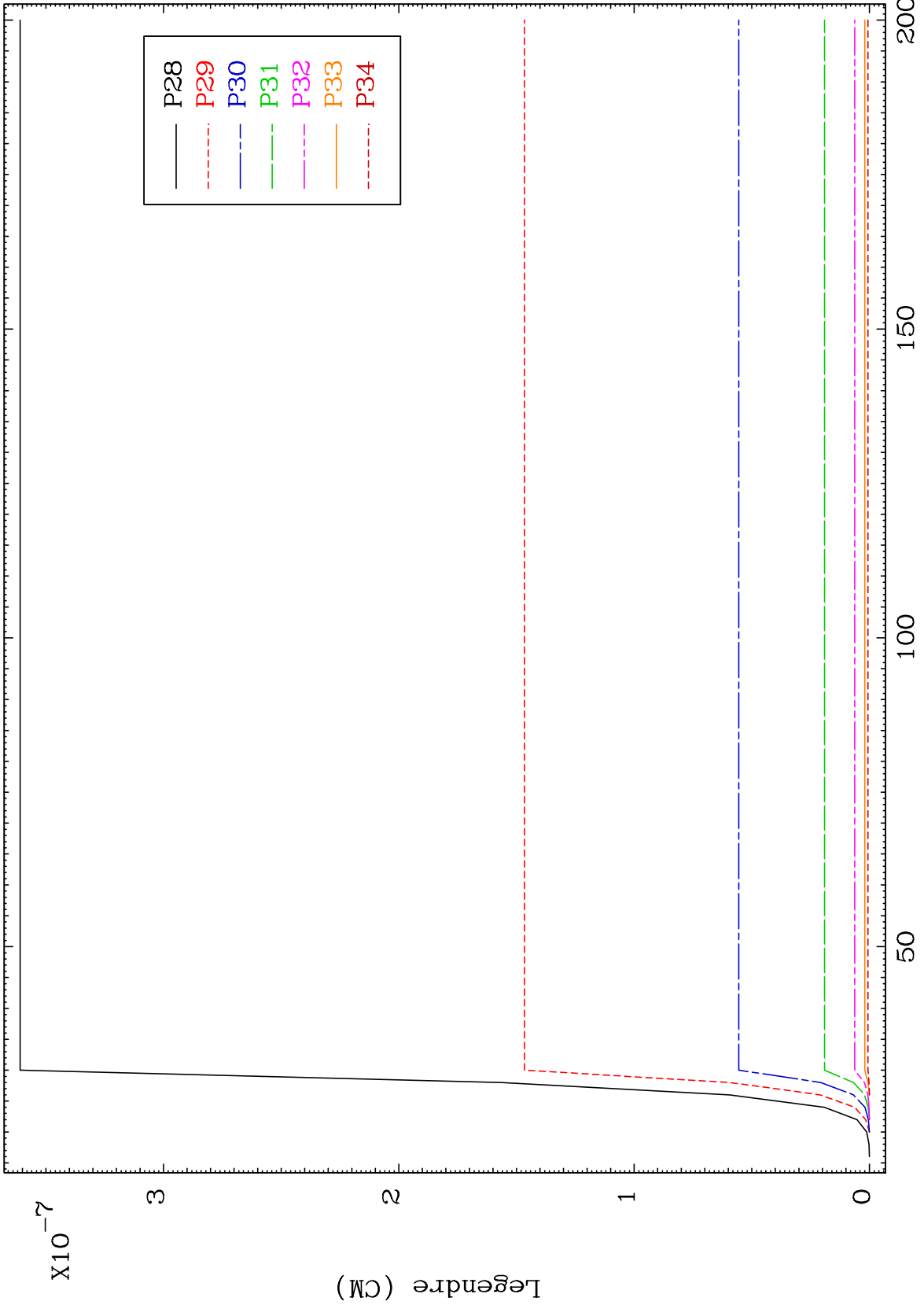
Incident Energy (MeV)

34

MAT 5255

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

52-Te-130

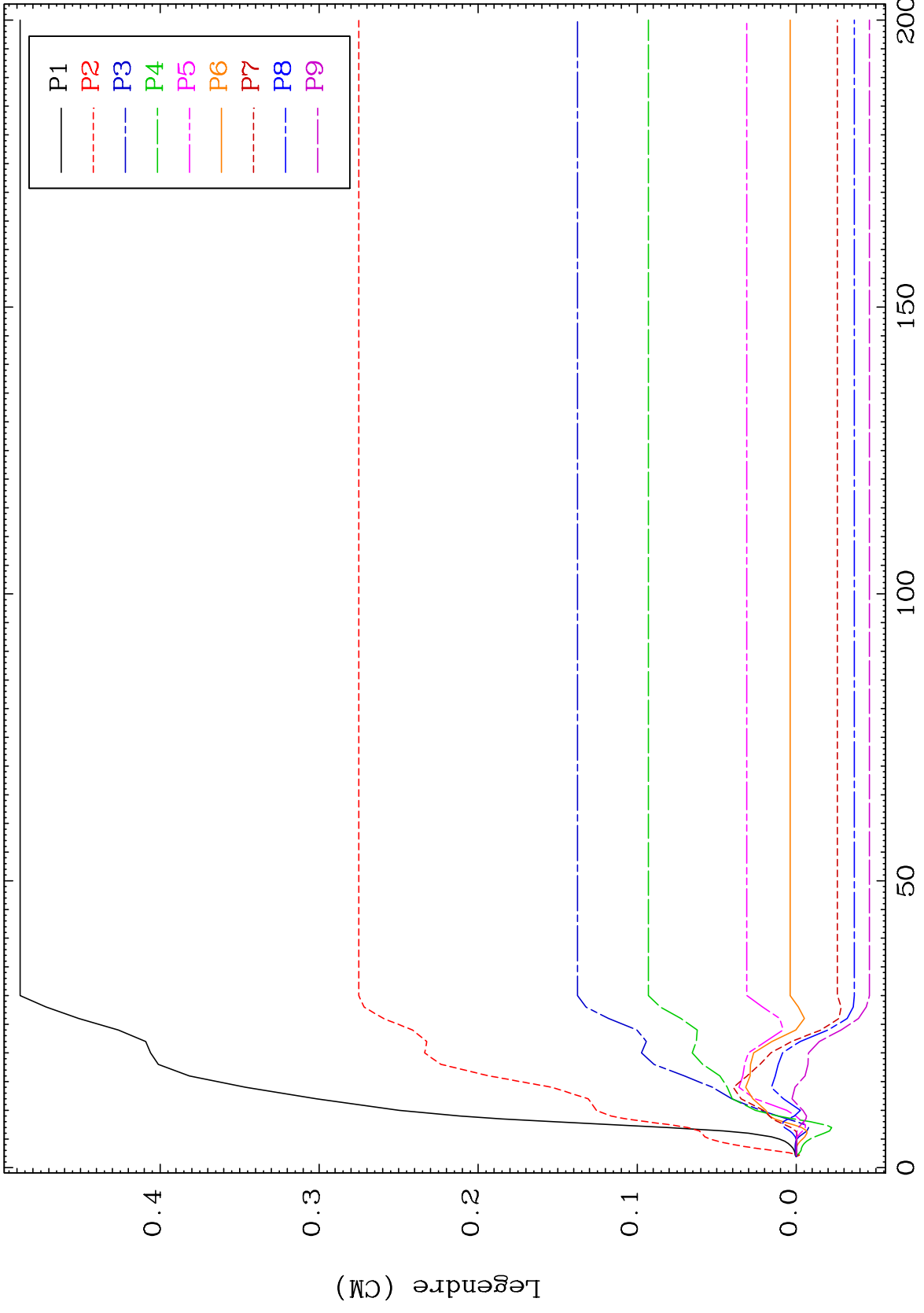


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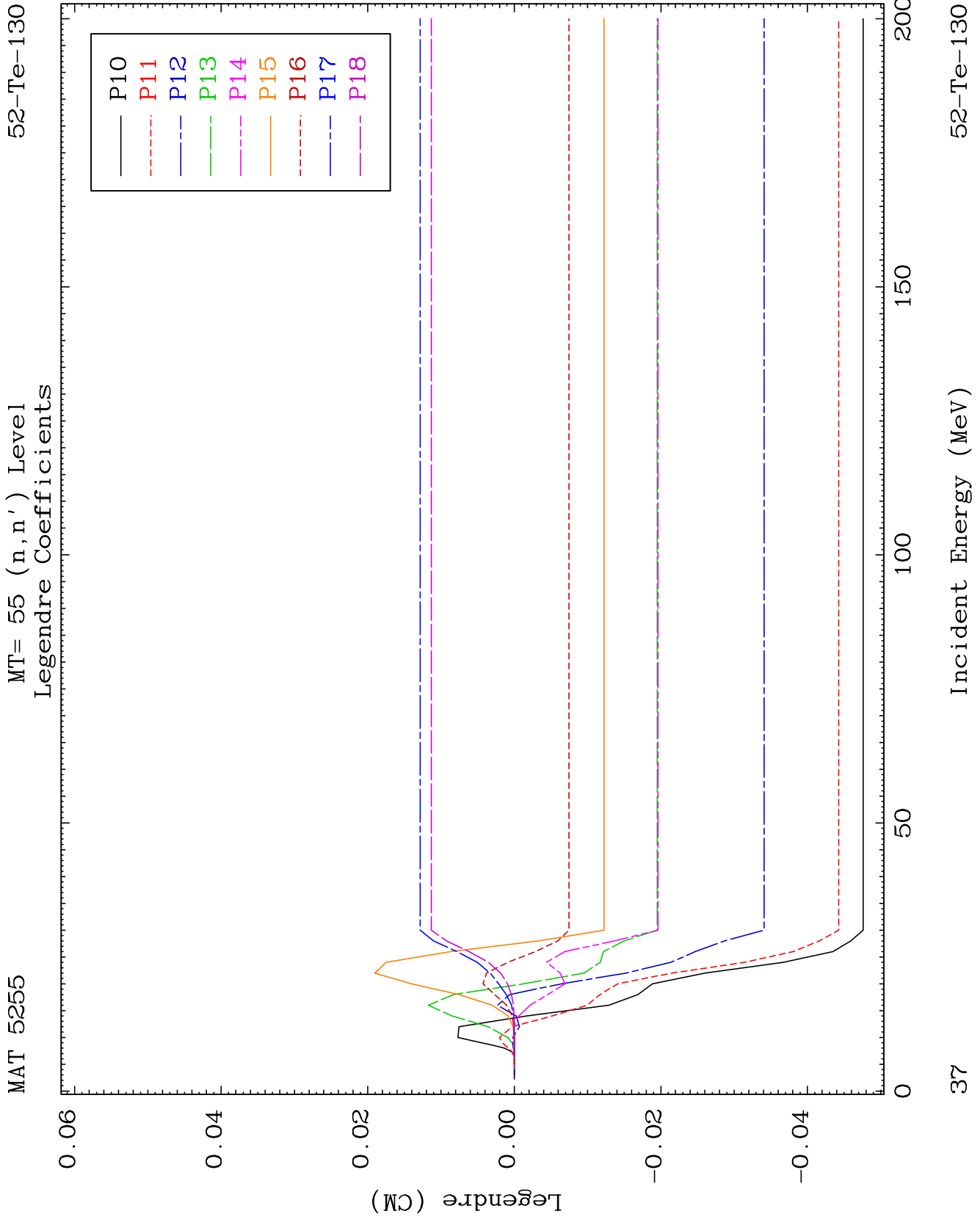
Incident Energy (MeV)

52-Te-130

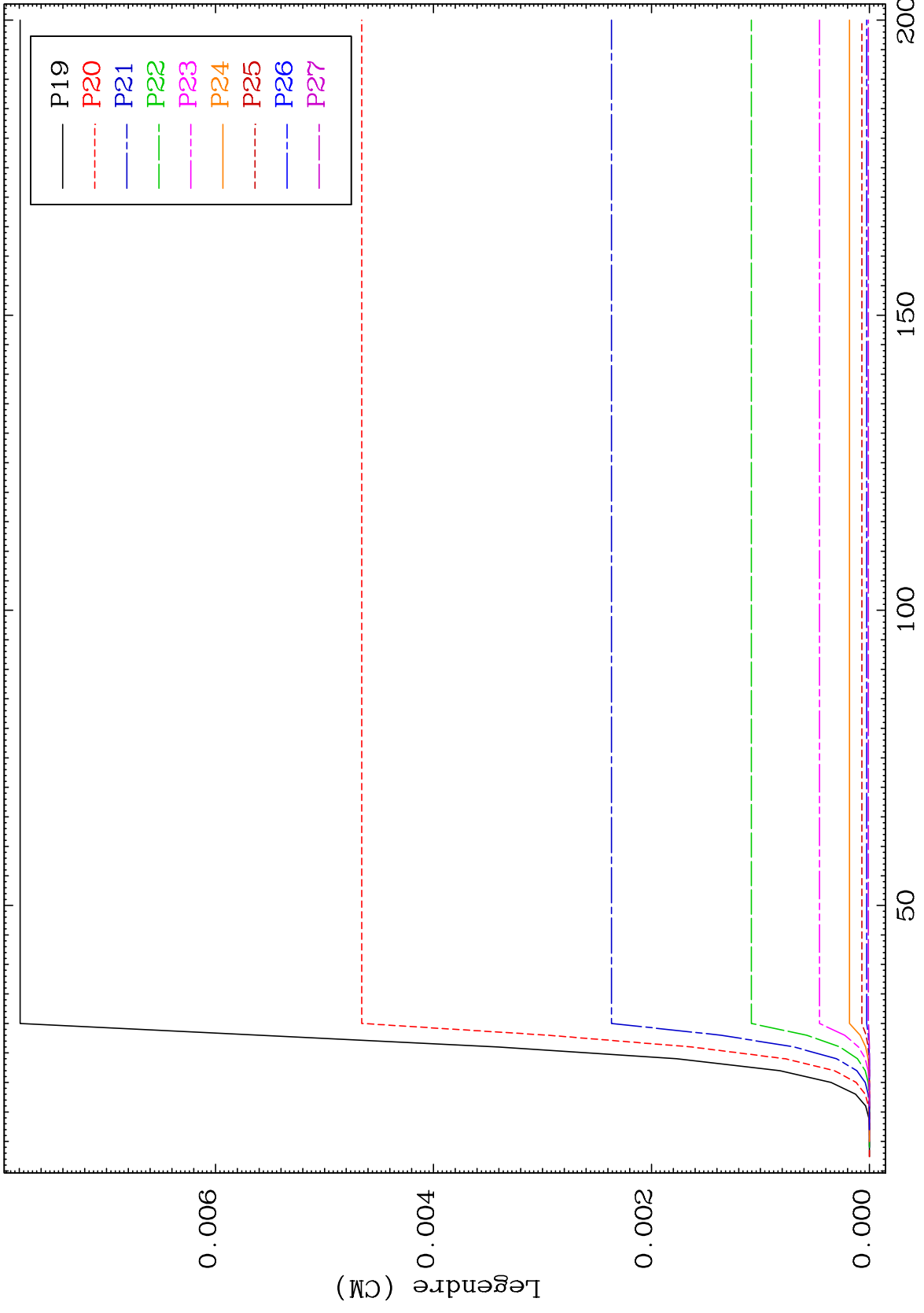
MAT 5255 MT= 55 (n,n') Level Legendre Coefficients 52-Te-130



36 52-Te-130



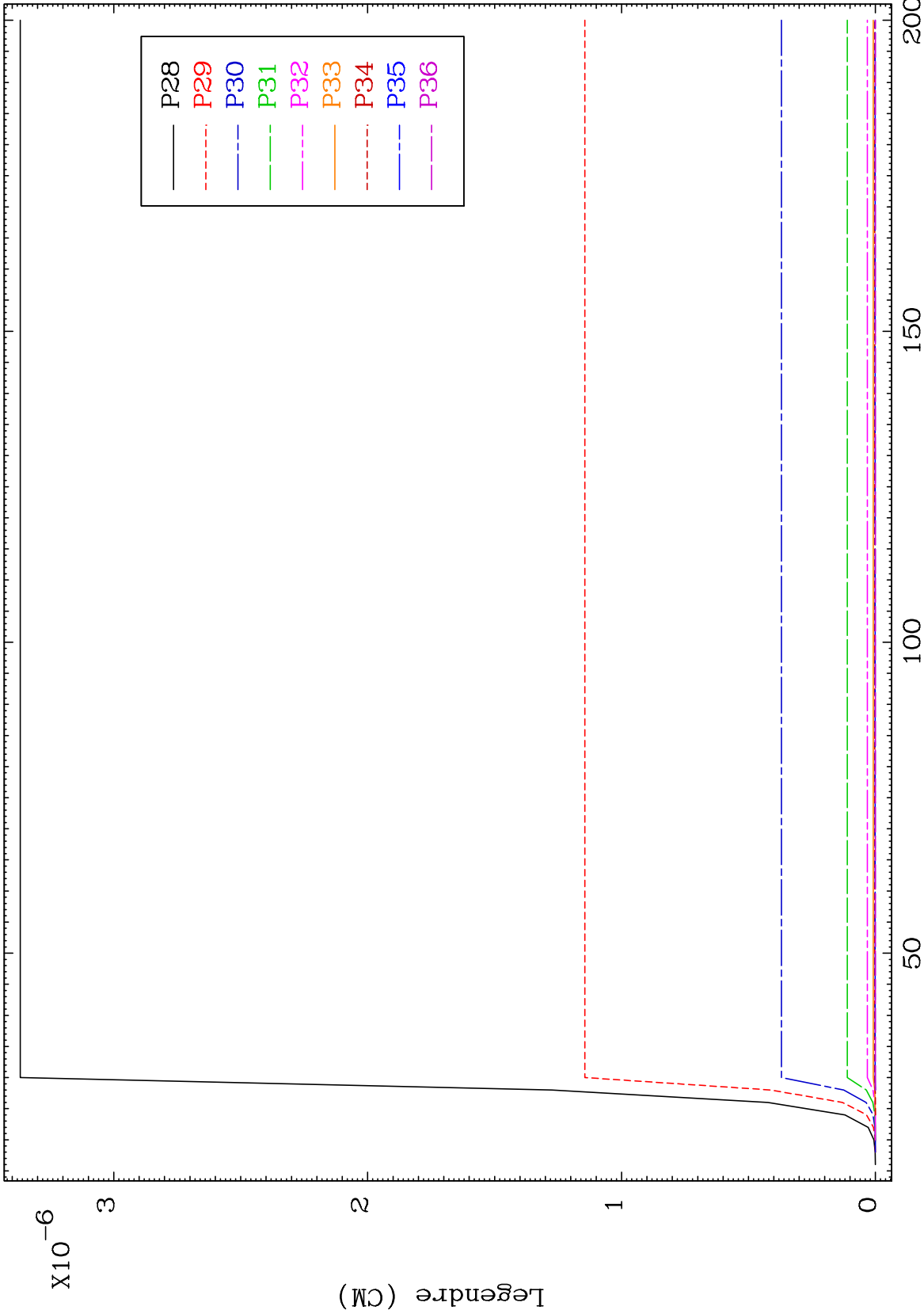
MAT 5255 MT= 55 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255

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

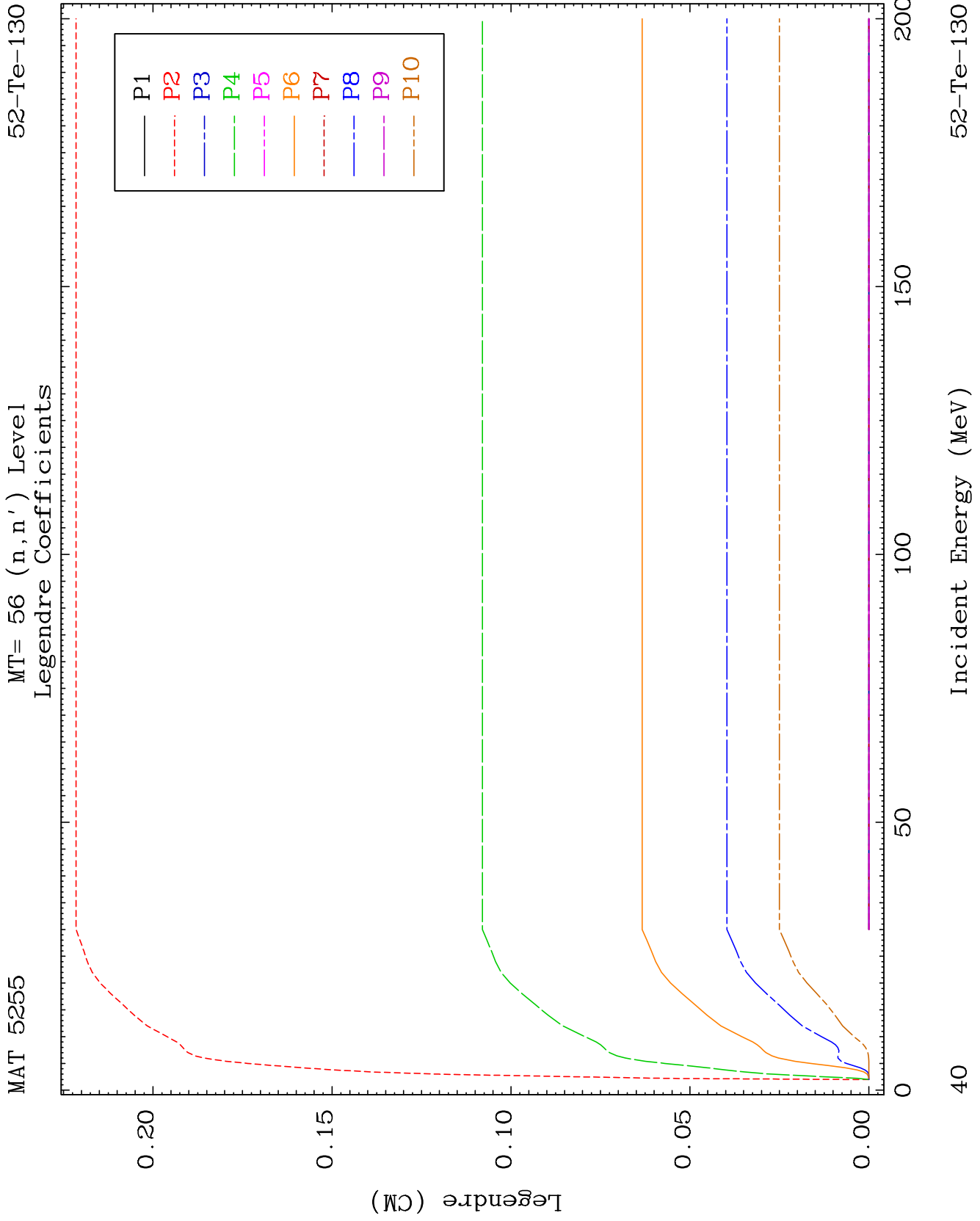
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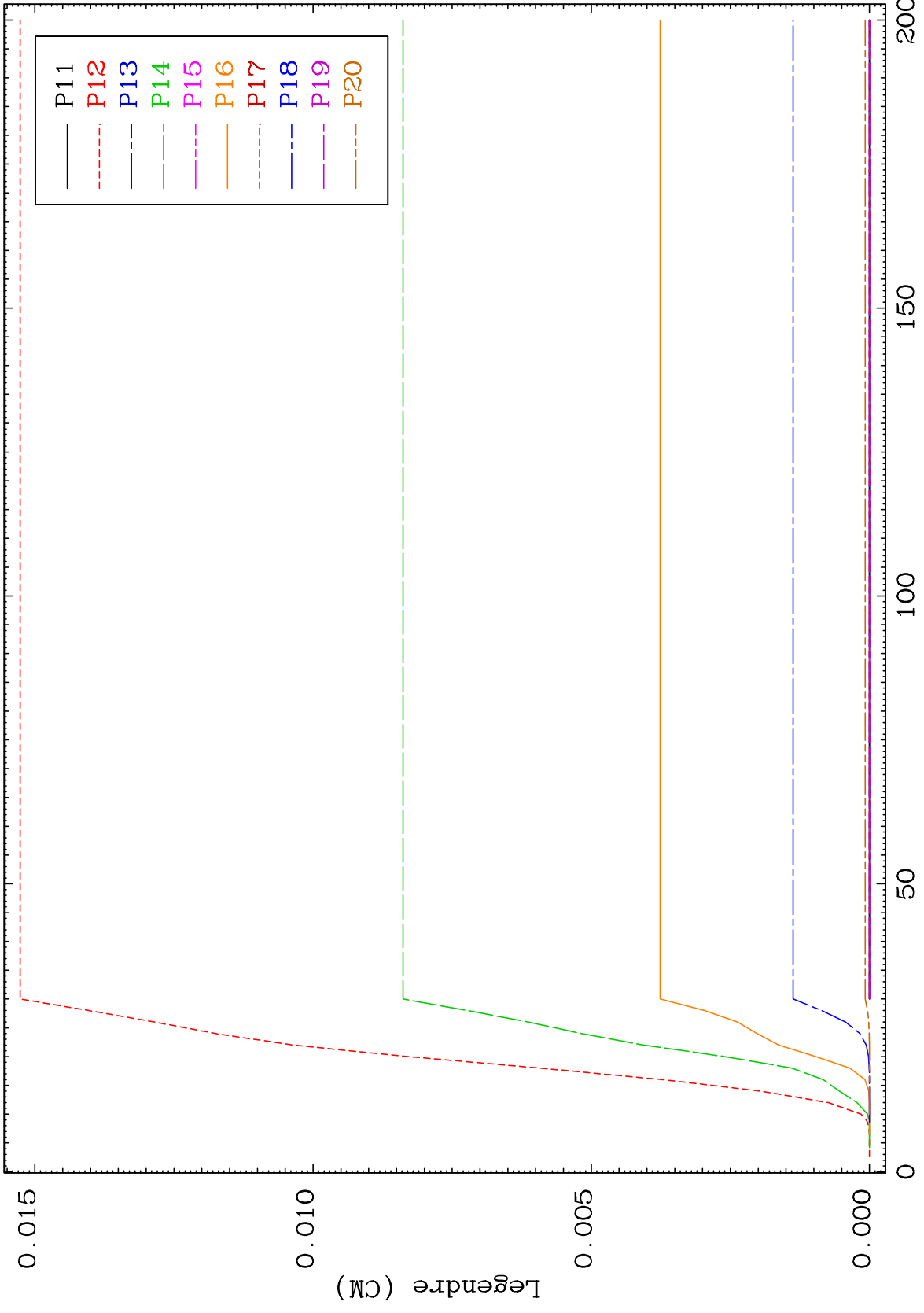
39

Incident Energy (MeV)

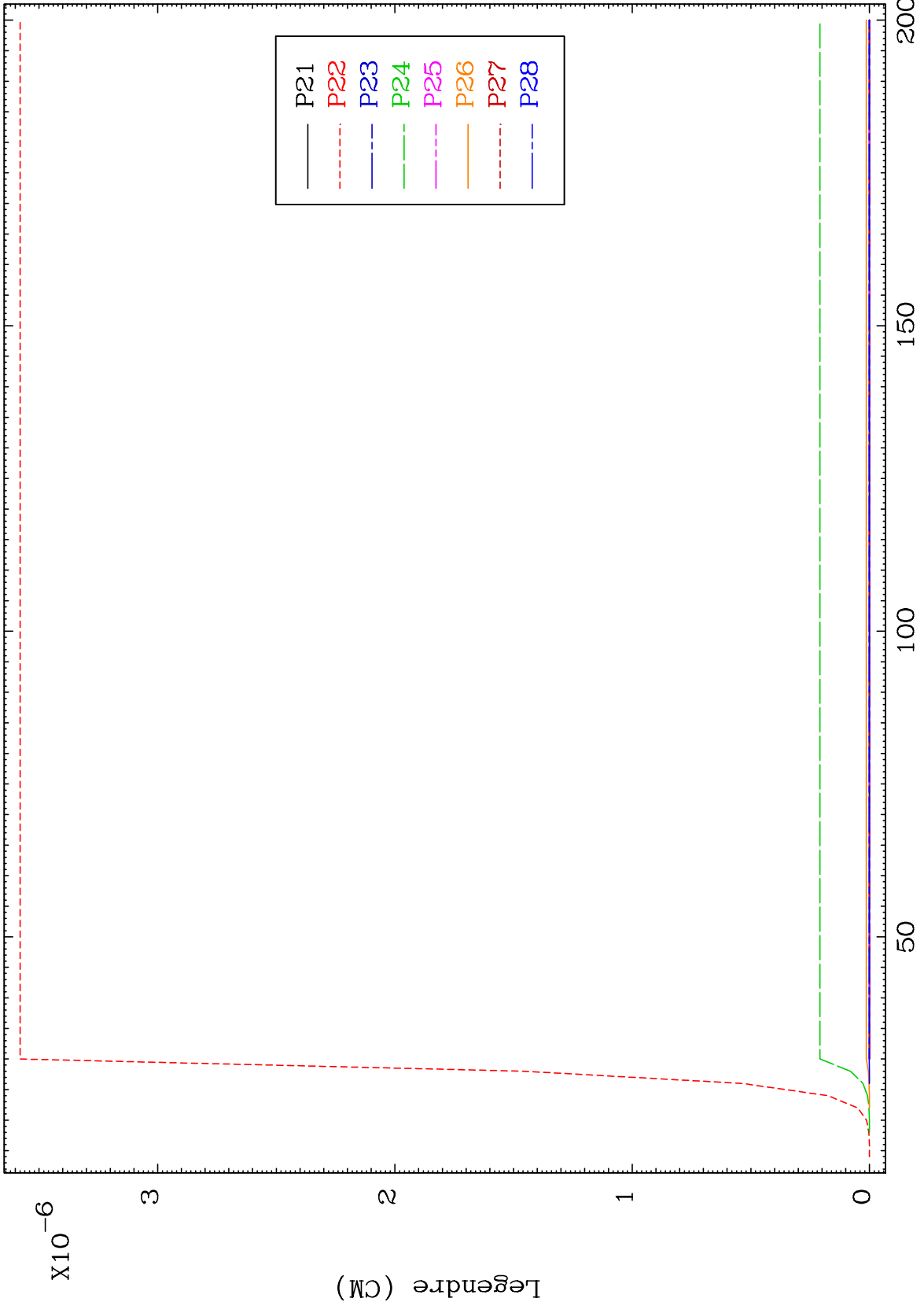
52-Te-130



MAT 5255 MT= 56 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255 MT= 56 (n,n') Level Legendre Coefficients 52-Te-130

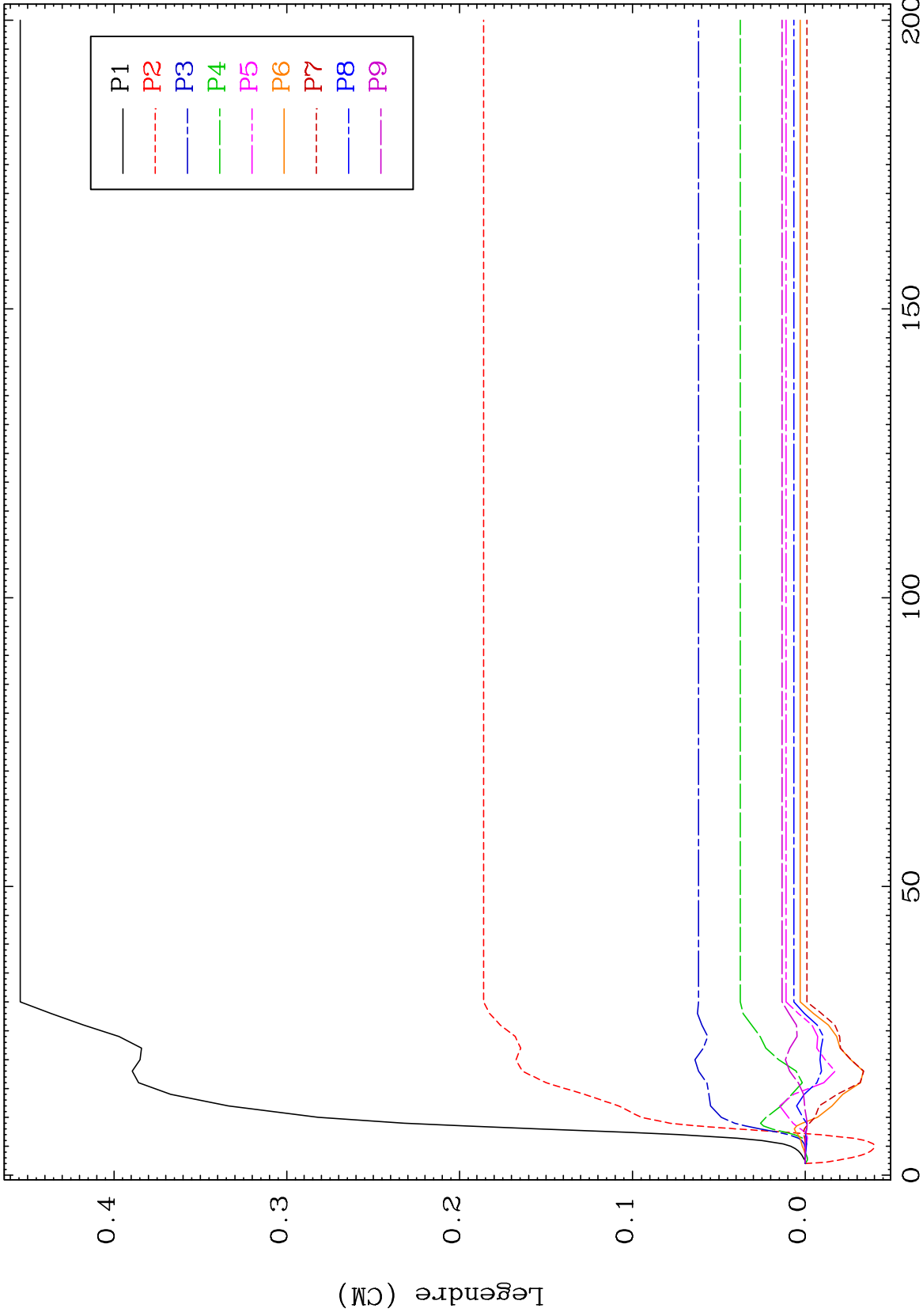


42 Incident Energy (MeV) 52-Te-130

MAT 5255

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

52-Te-130



43

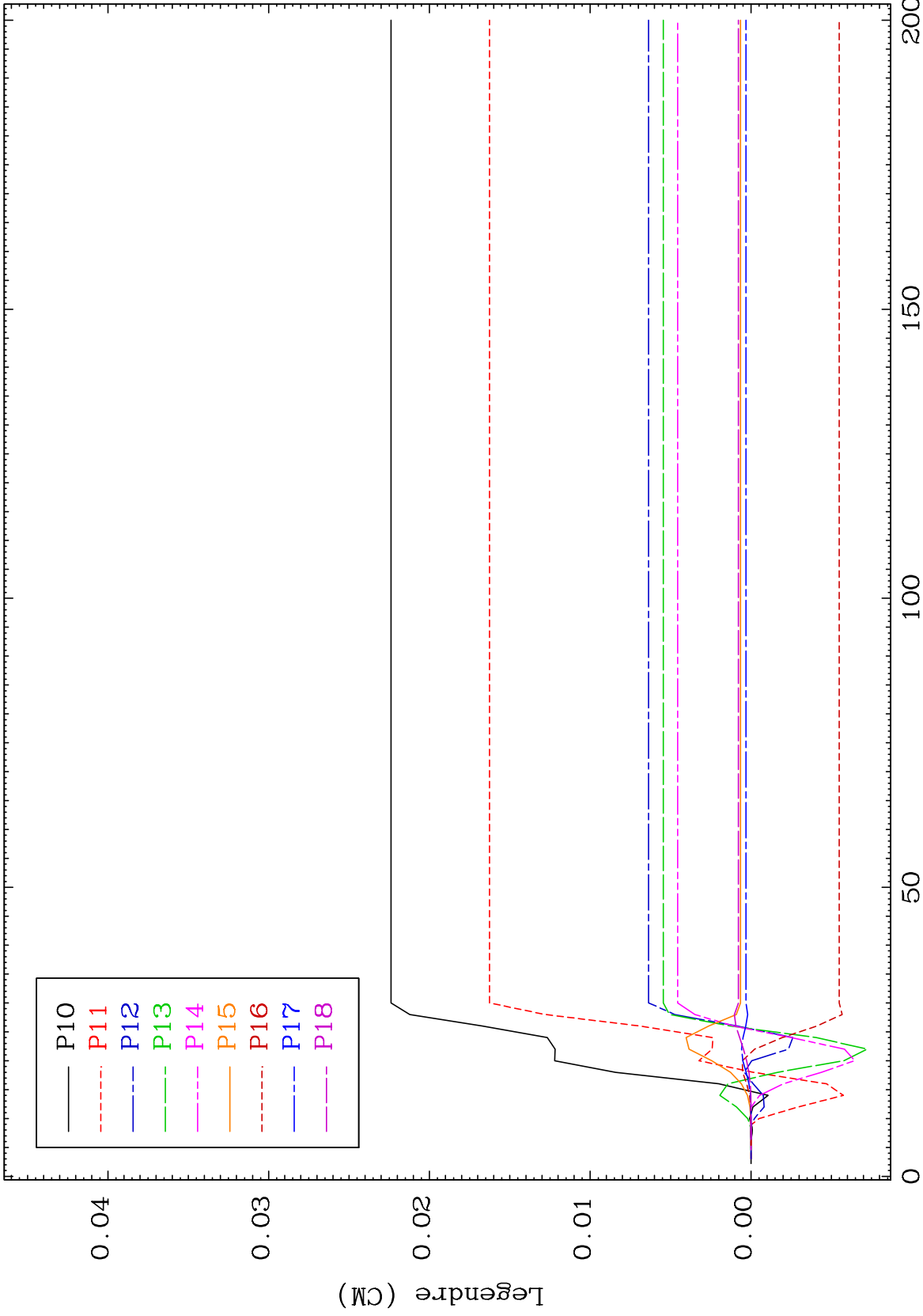
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130



44

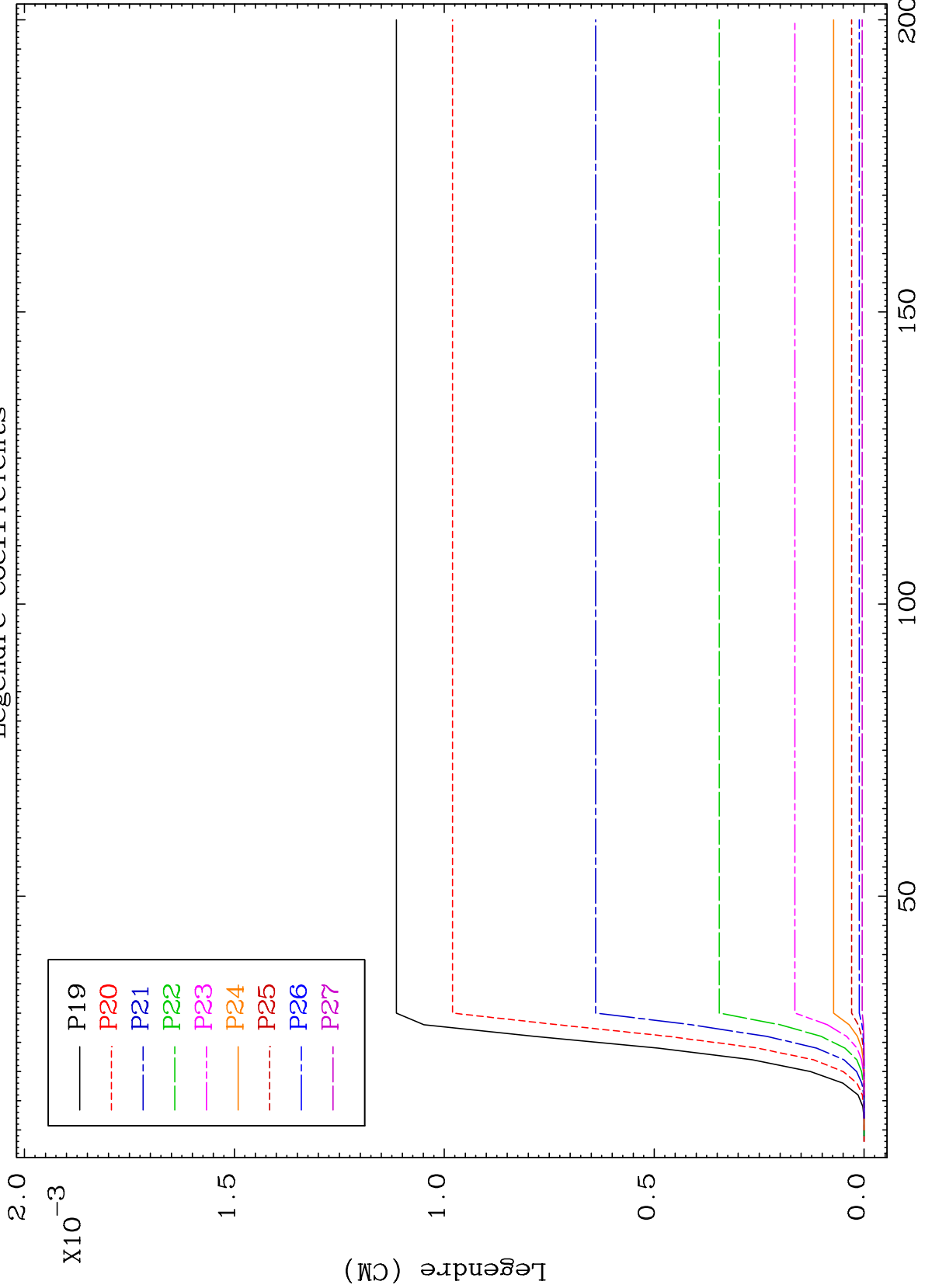
Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 57 (n,n') Level Legendre Coefficients

52-Te-130

52-Te-130

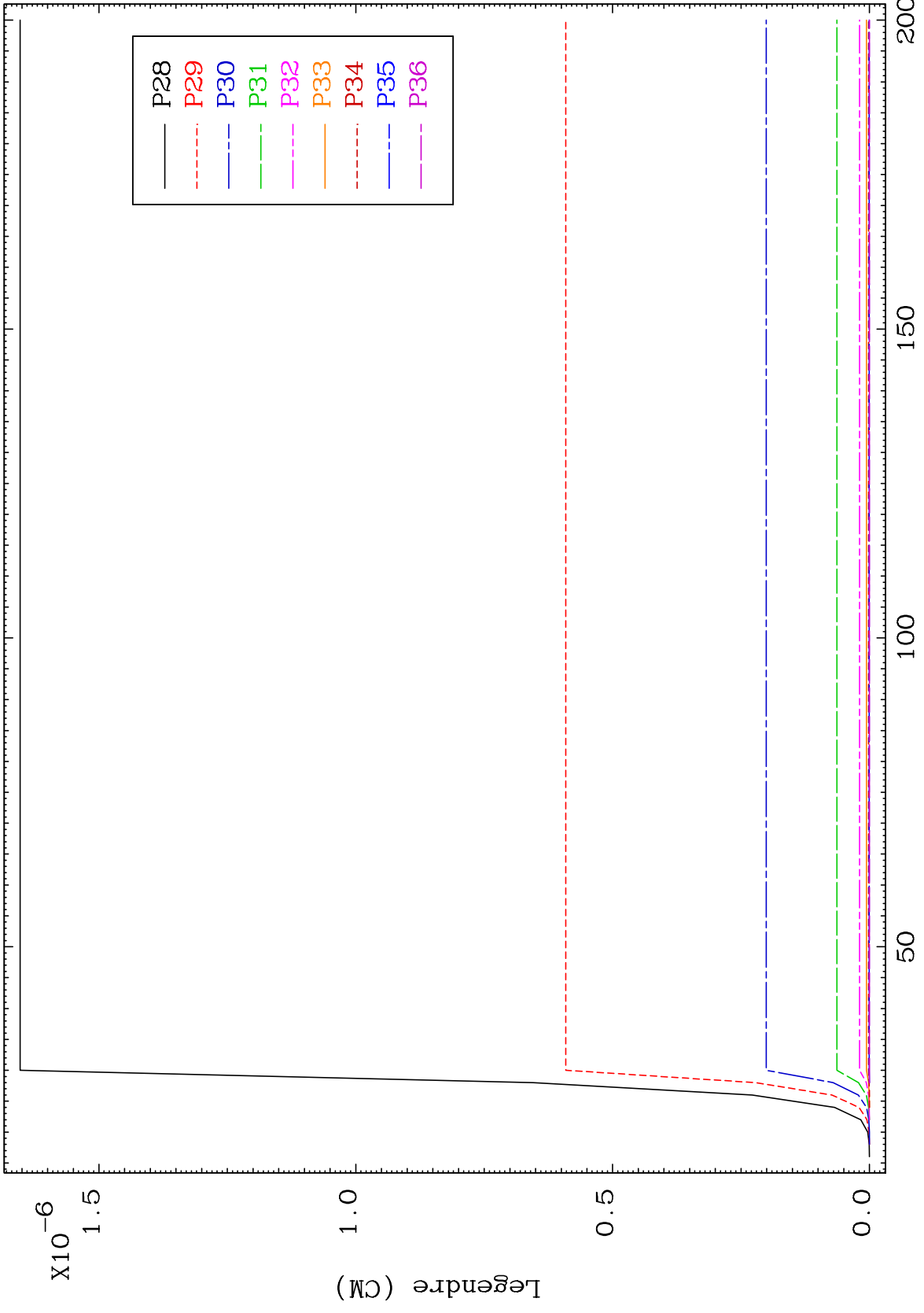


45

MAT 5255

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

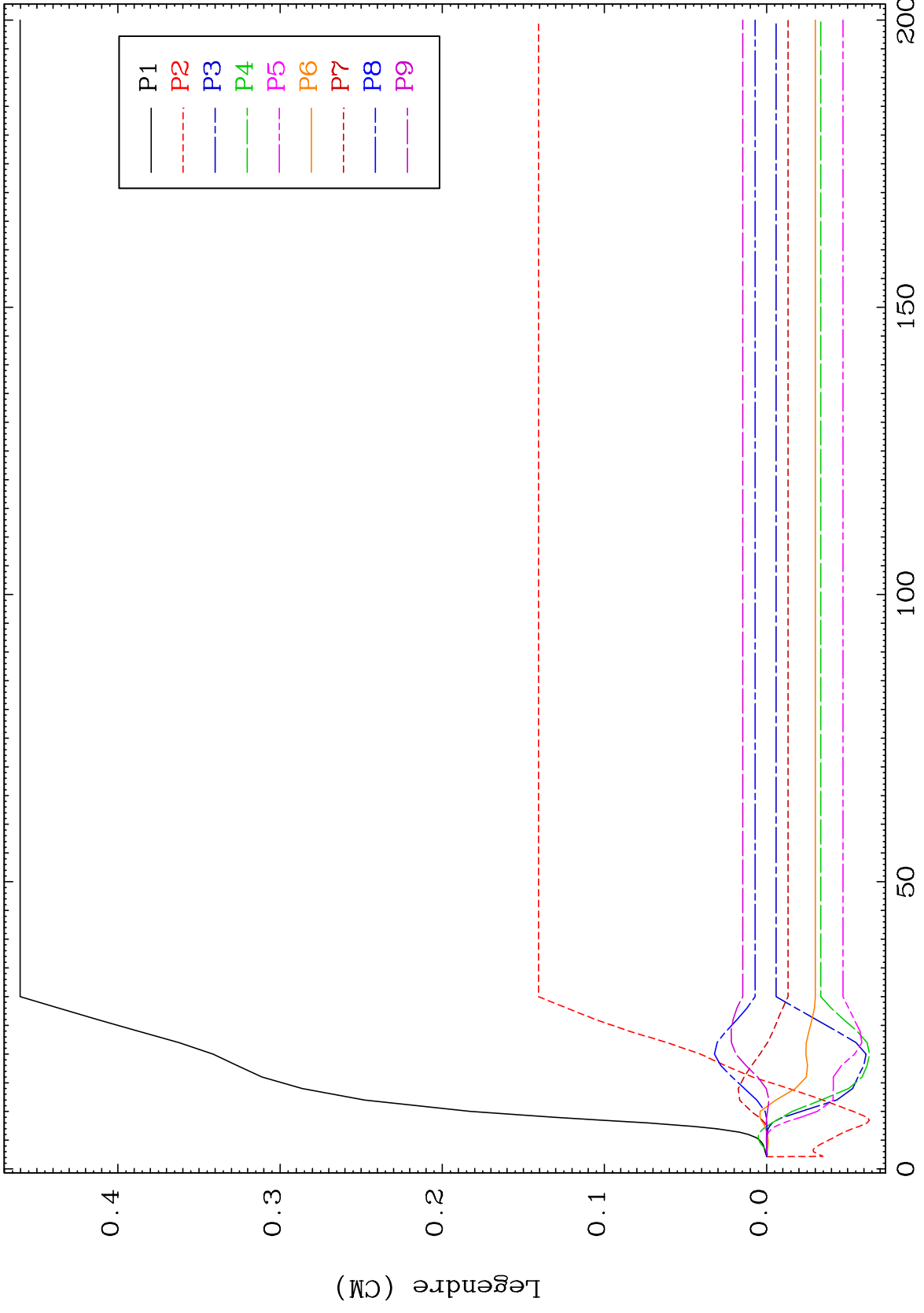
52-Te-130



46

52-Te-130

MAT 5255 MT= 58 (n,n') Level Legendre Coefficients 52-Te-130

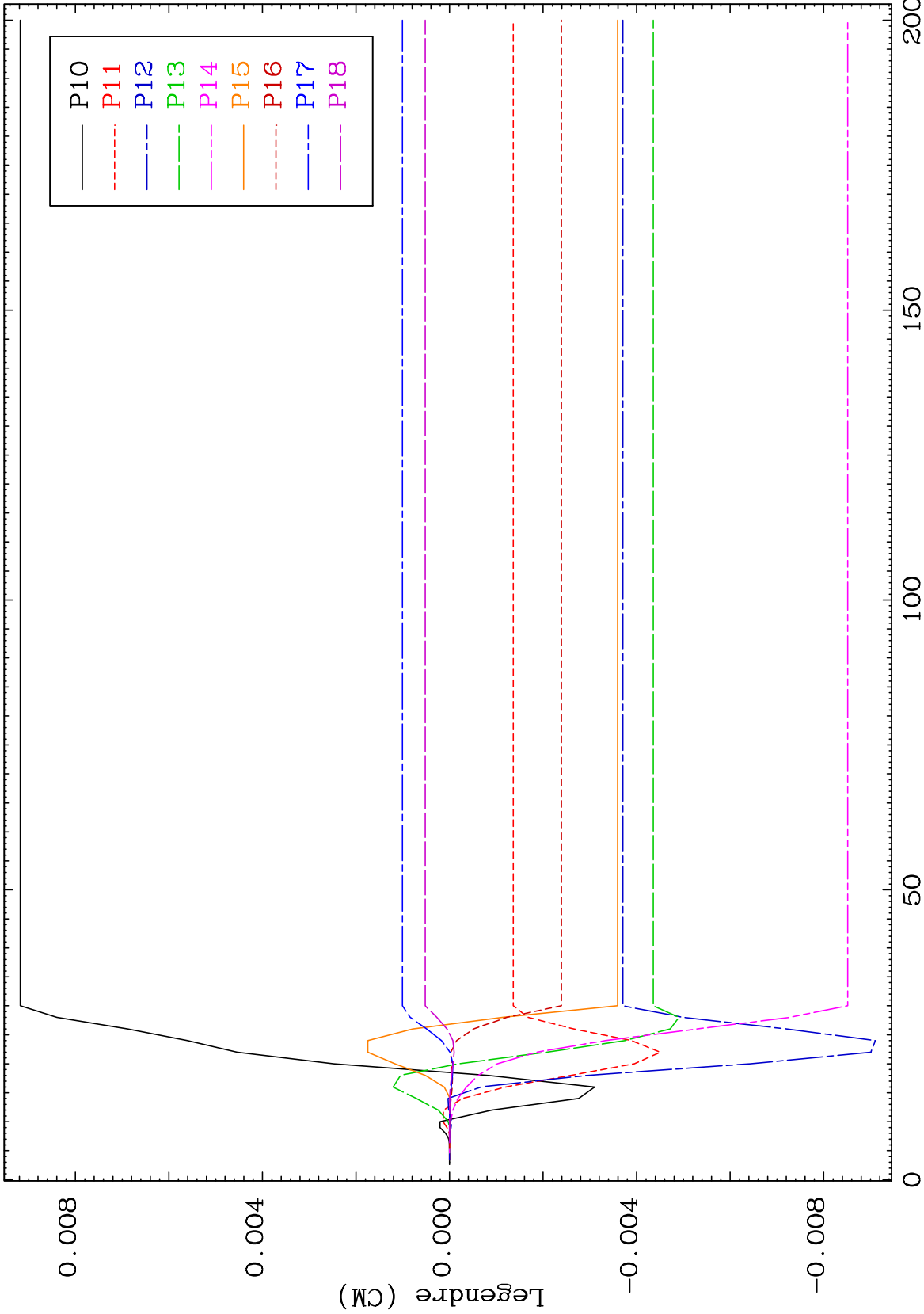


47 52-Te-130

MAT 5255

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

52-Te-130



48

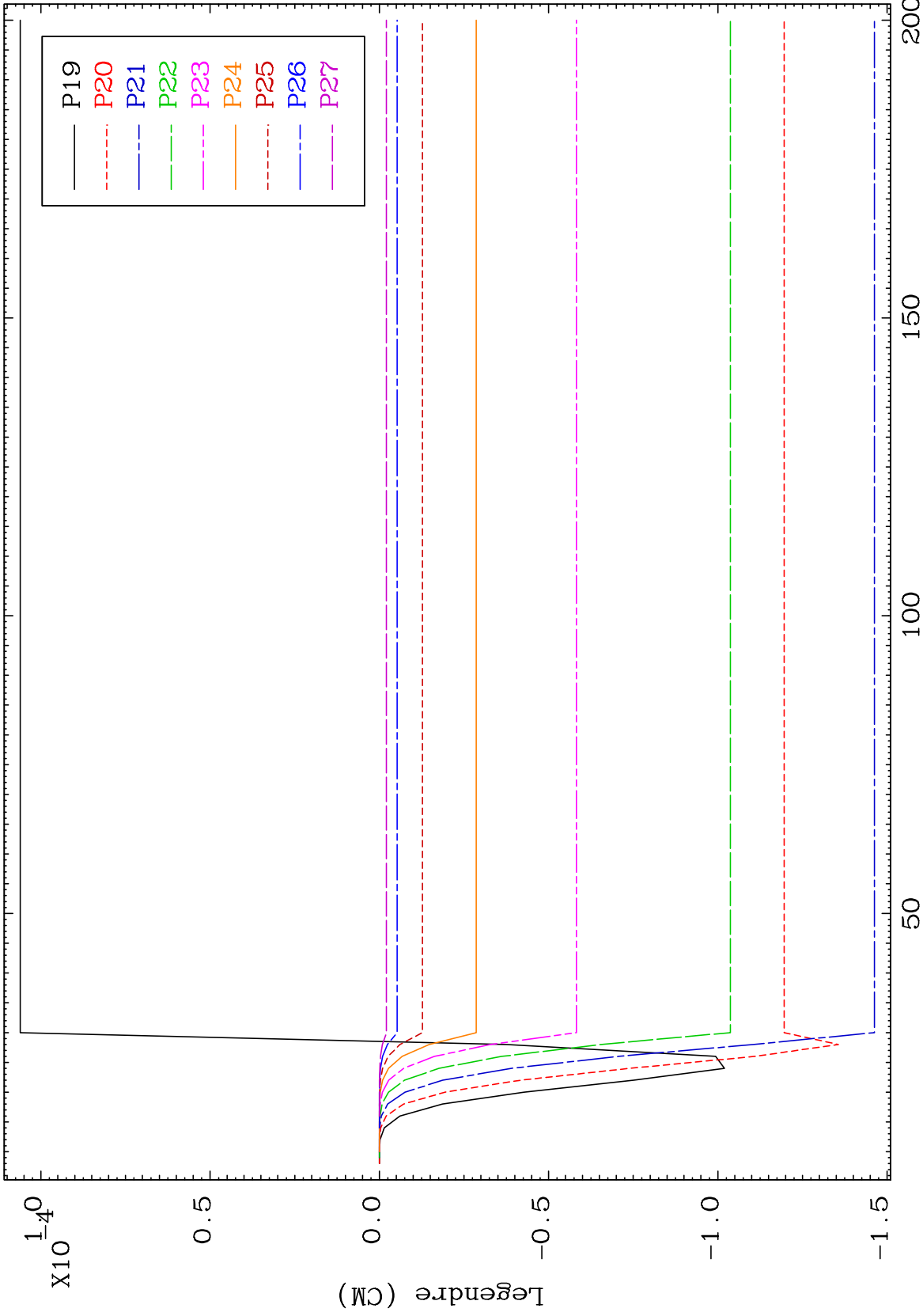
Incident Energy (MeV)

52-Te-130

MAT 5255

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

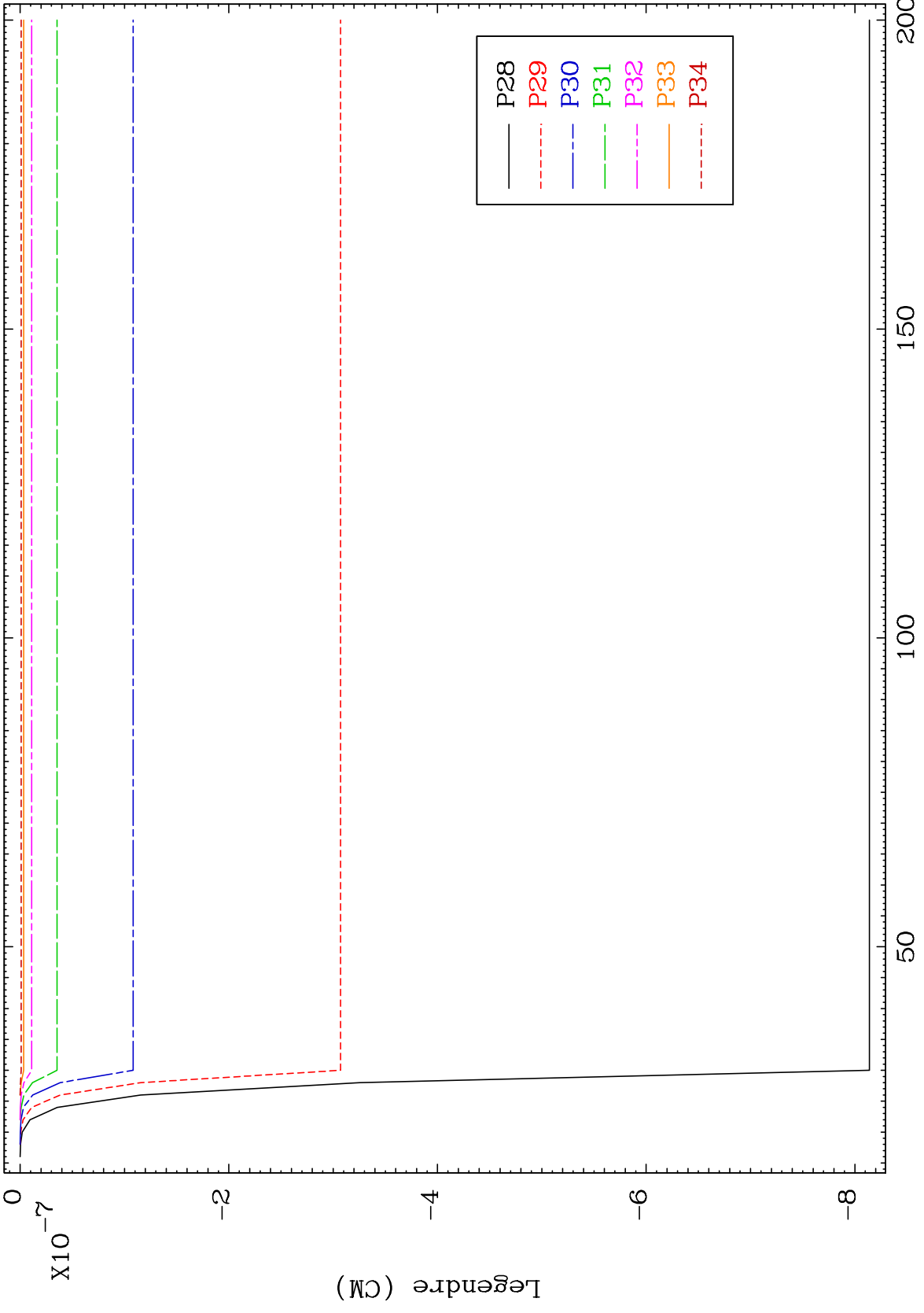
52-Te-130



49

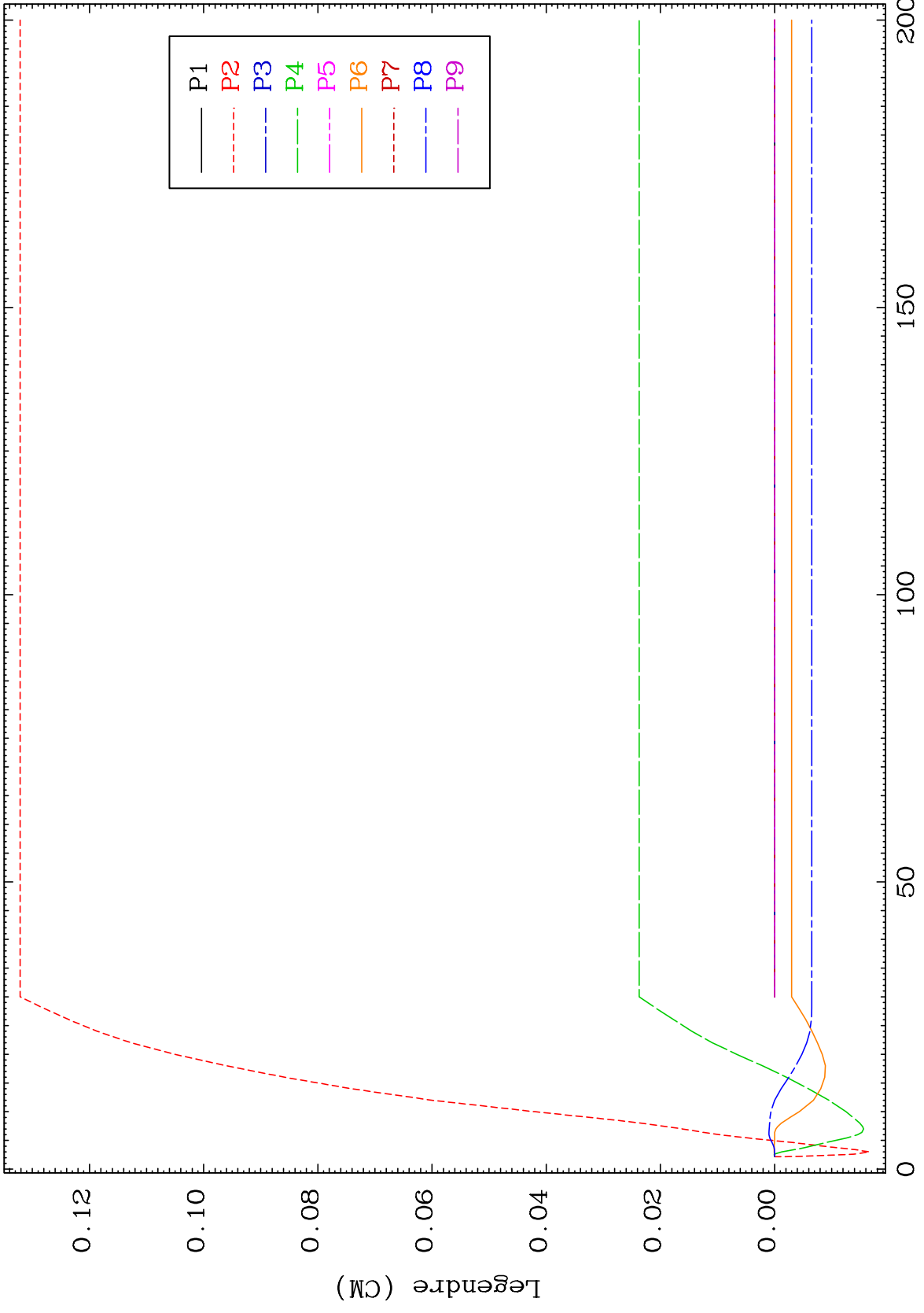
52-Te-130

MAT 5255 MT= 58 (n,n') Level Legendre Coefficients 52-Te-130



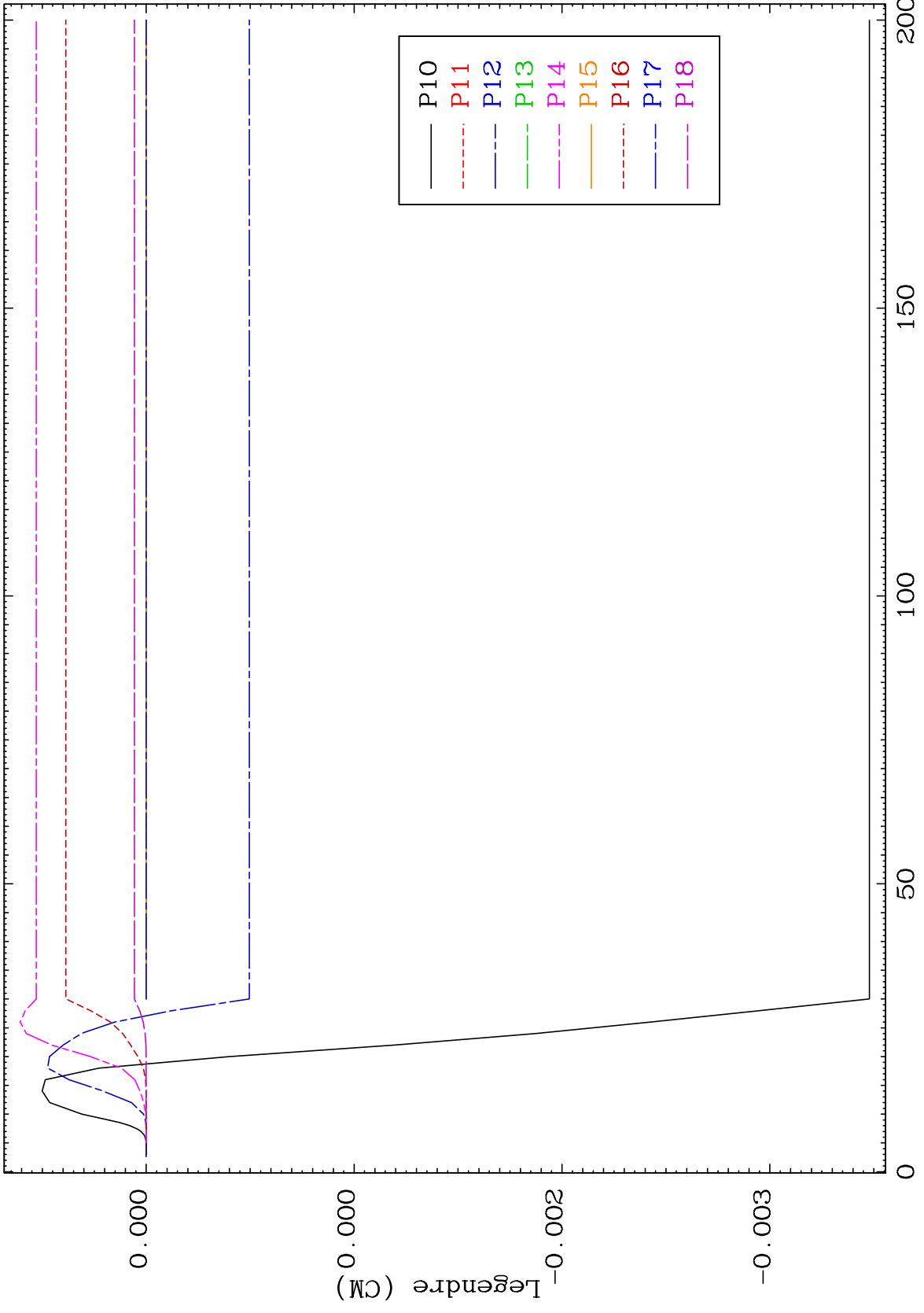
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MAT 5255 MT= 59 (n,n') Level Legendre Coefficients 52-Te-130



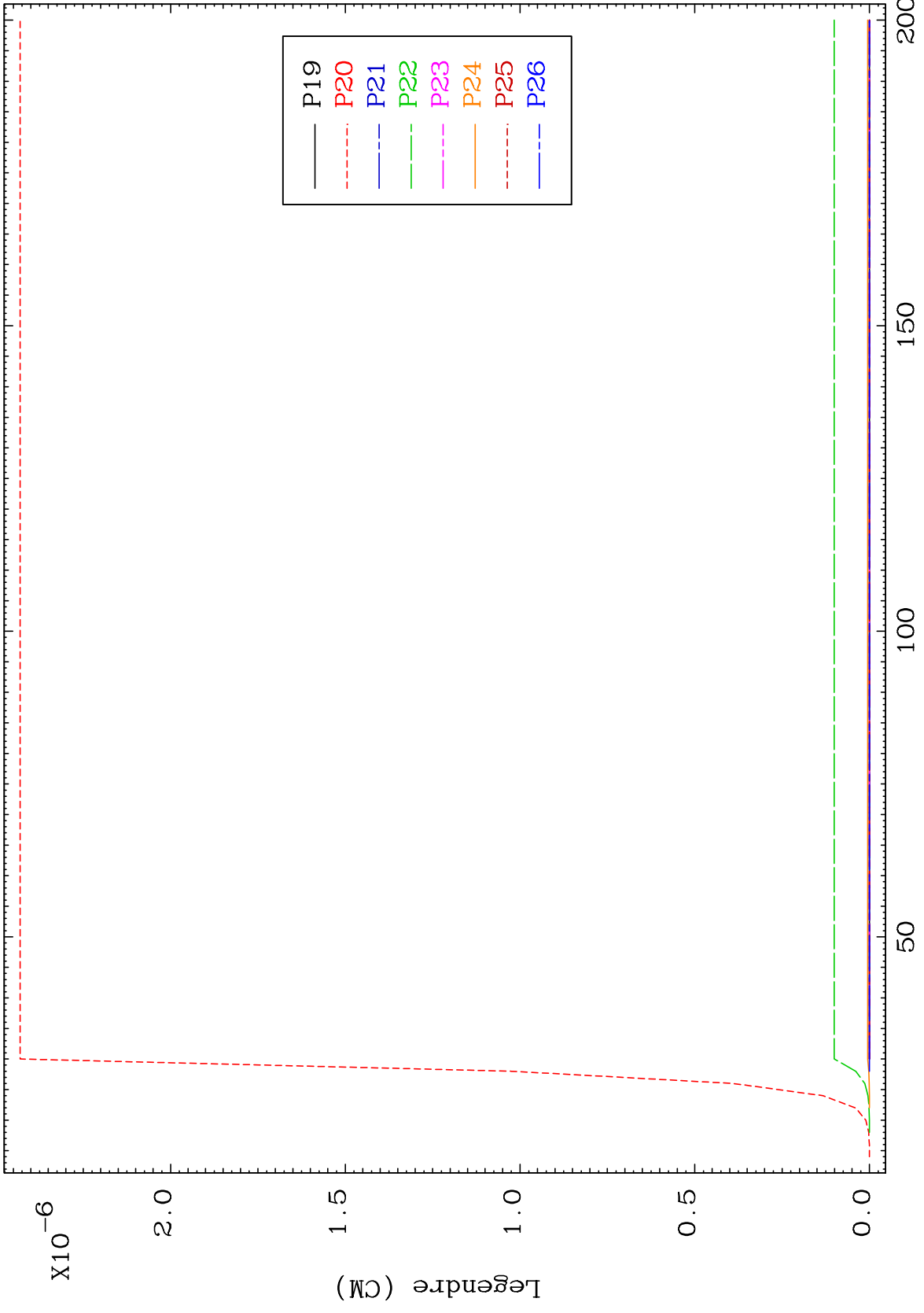
51 52-Te-130

MAT 5255 MT= 59 (n,n') Level Legendre Coefficients 52-Te-130



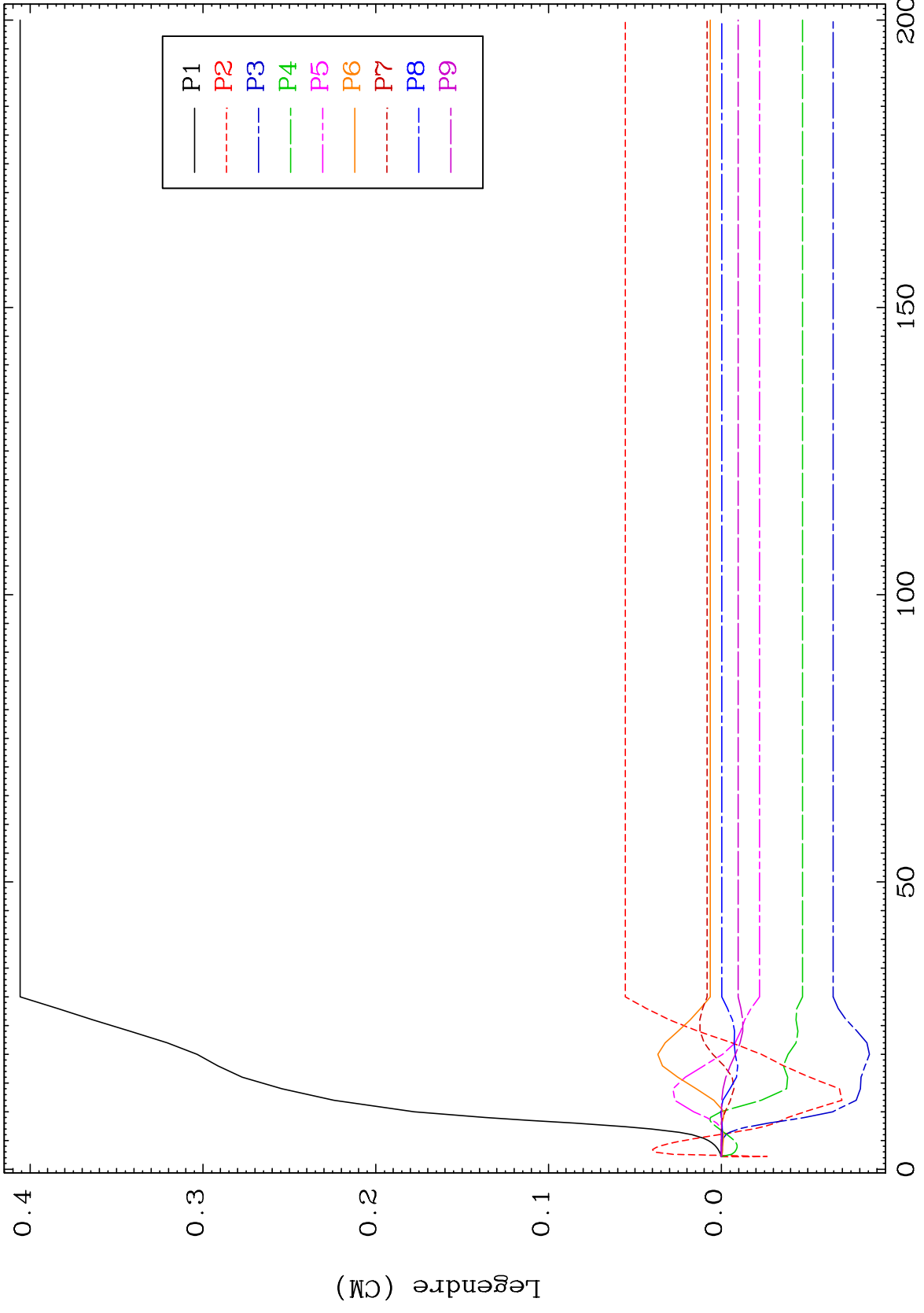
52-Te-130 Incident Energy (MeV) 52

MAT 5255 MT= 59 (n,n') Level Legendre Coefficients 52-Te-130

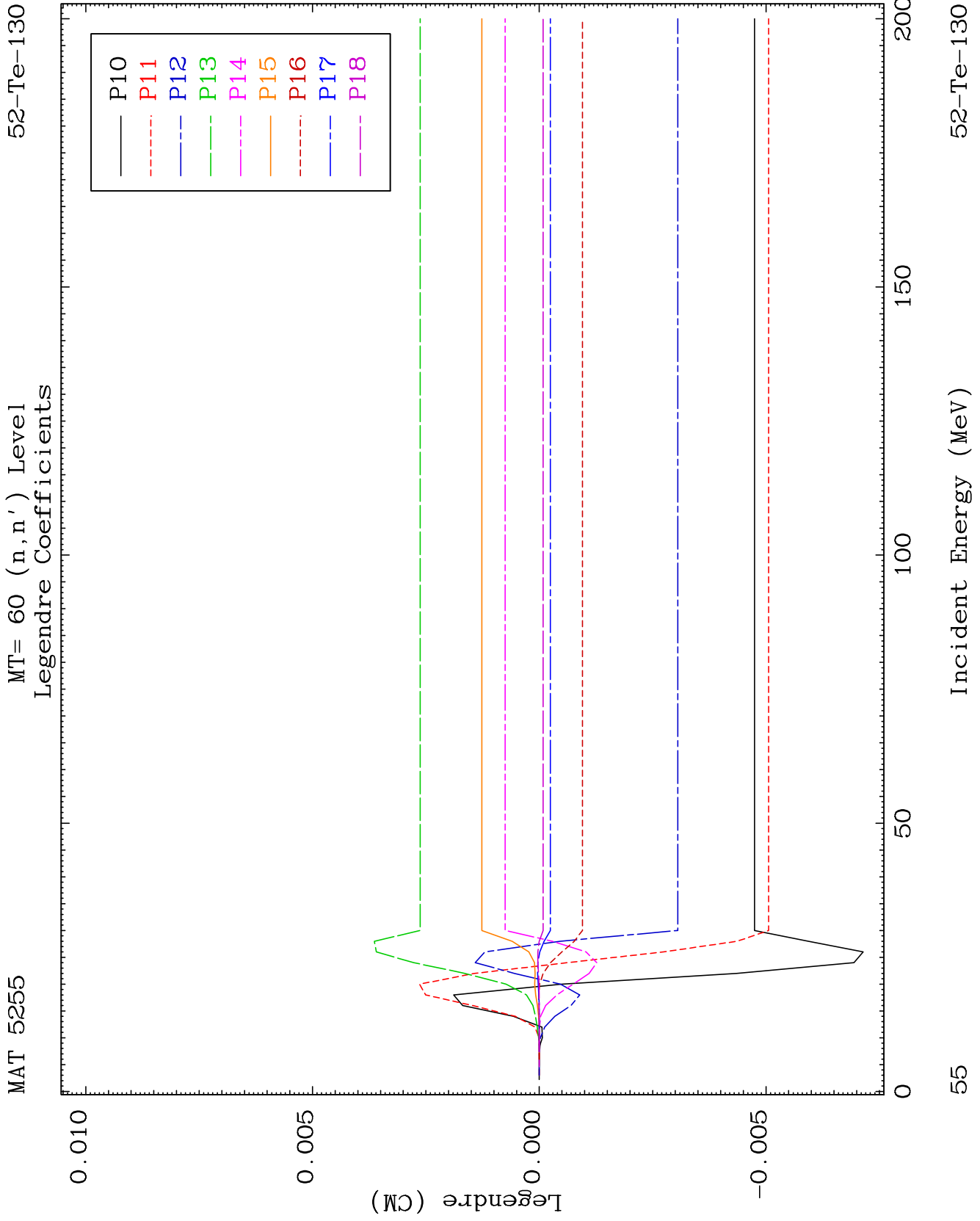


53 52-Te-130

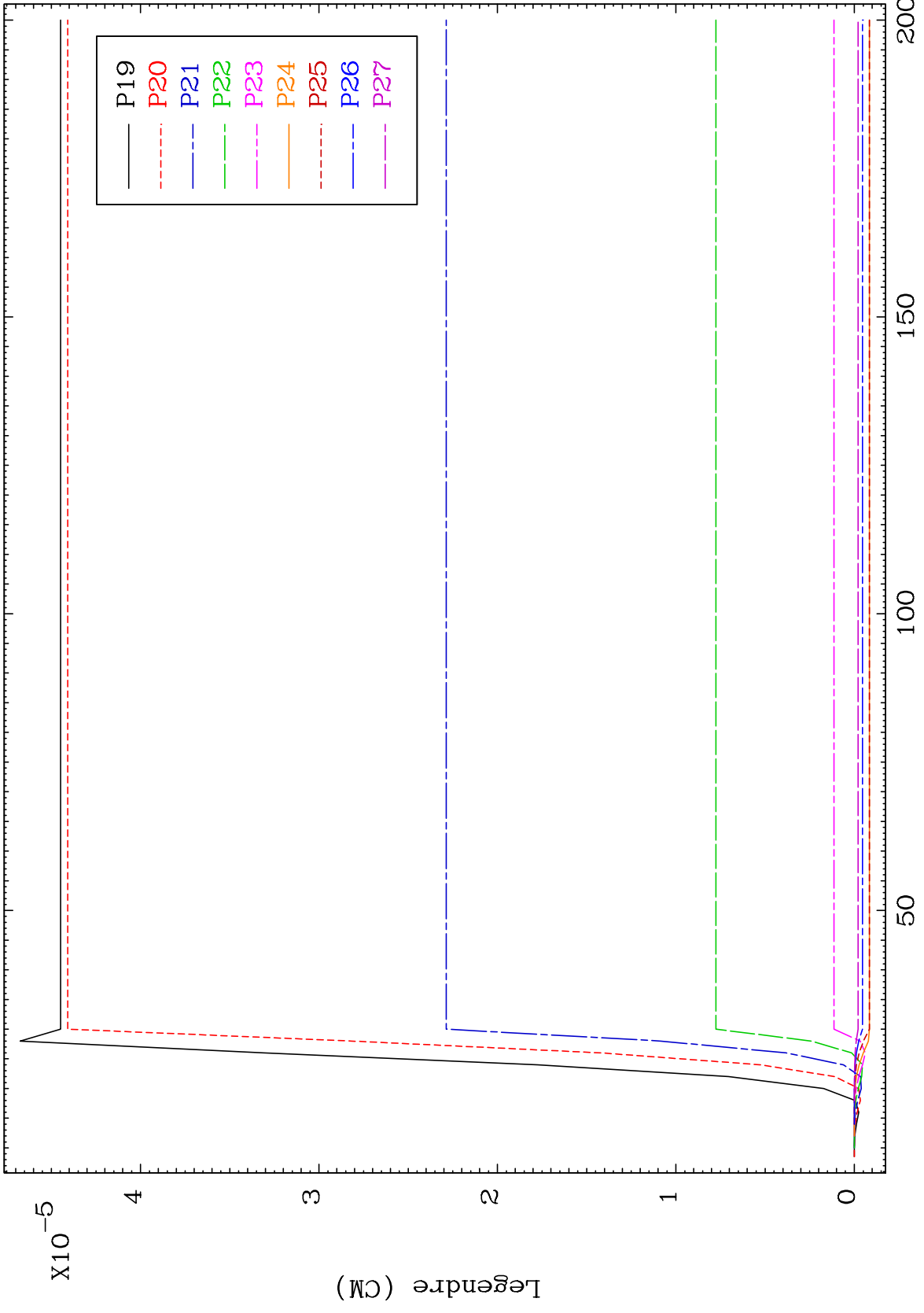
MAT 5255 MT= 60 (n,n') Level Legendre Coefficients 52-Te-130



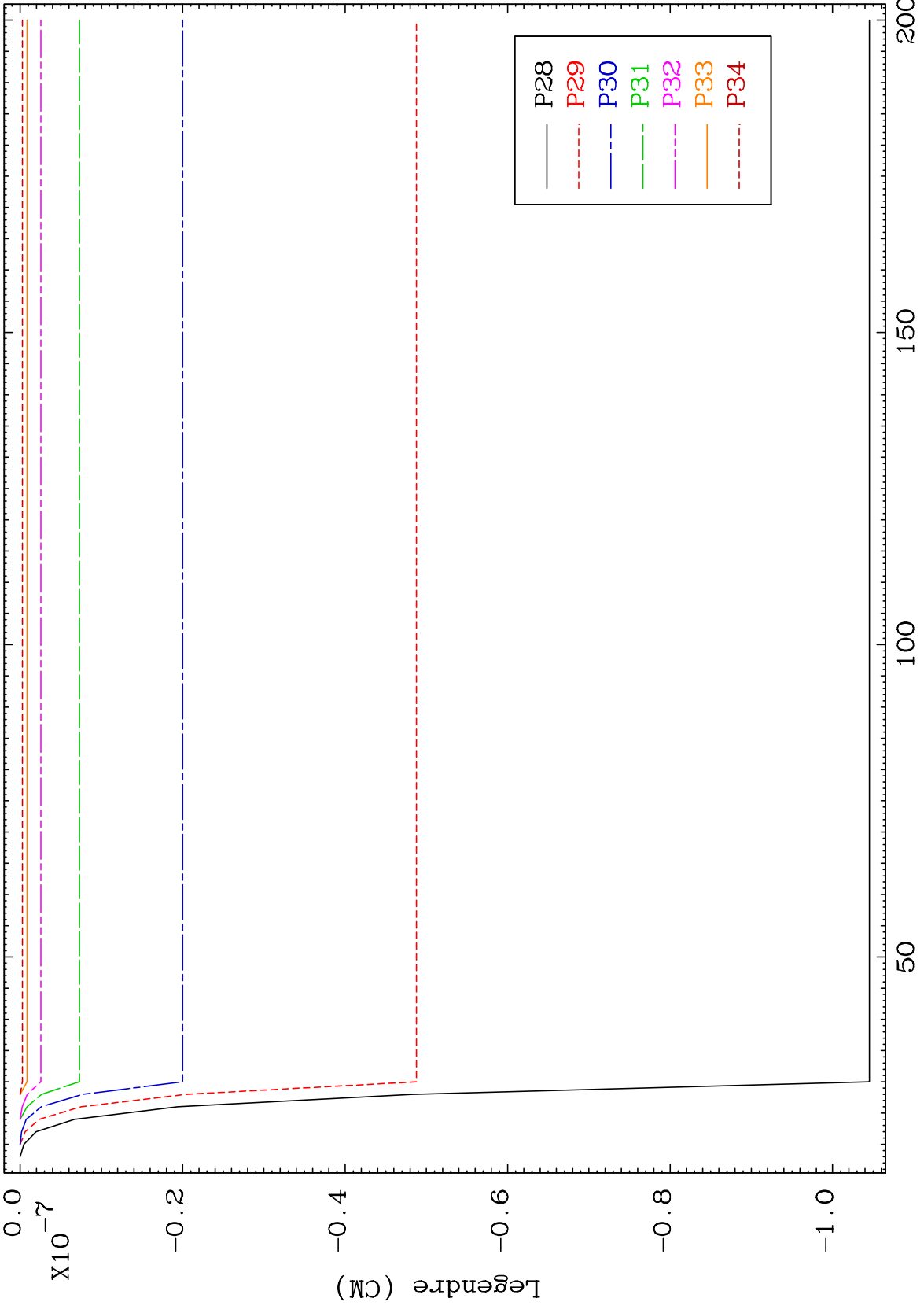
54 52-Te-130



MAT 5255 MT= 60 (n,n') Level Legendre Coefficients 52-Te-130

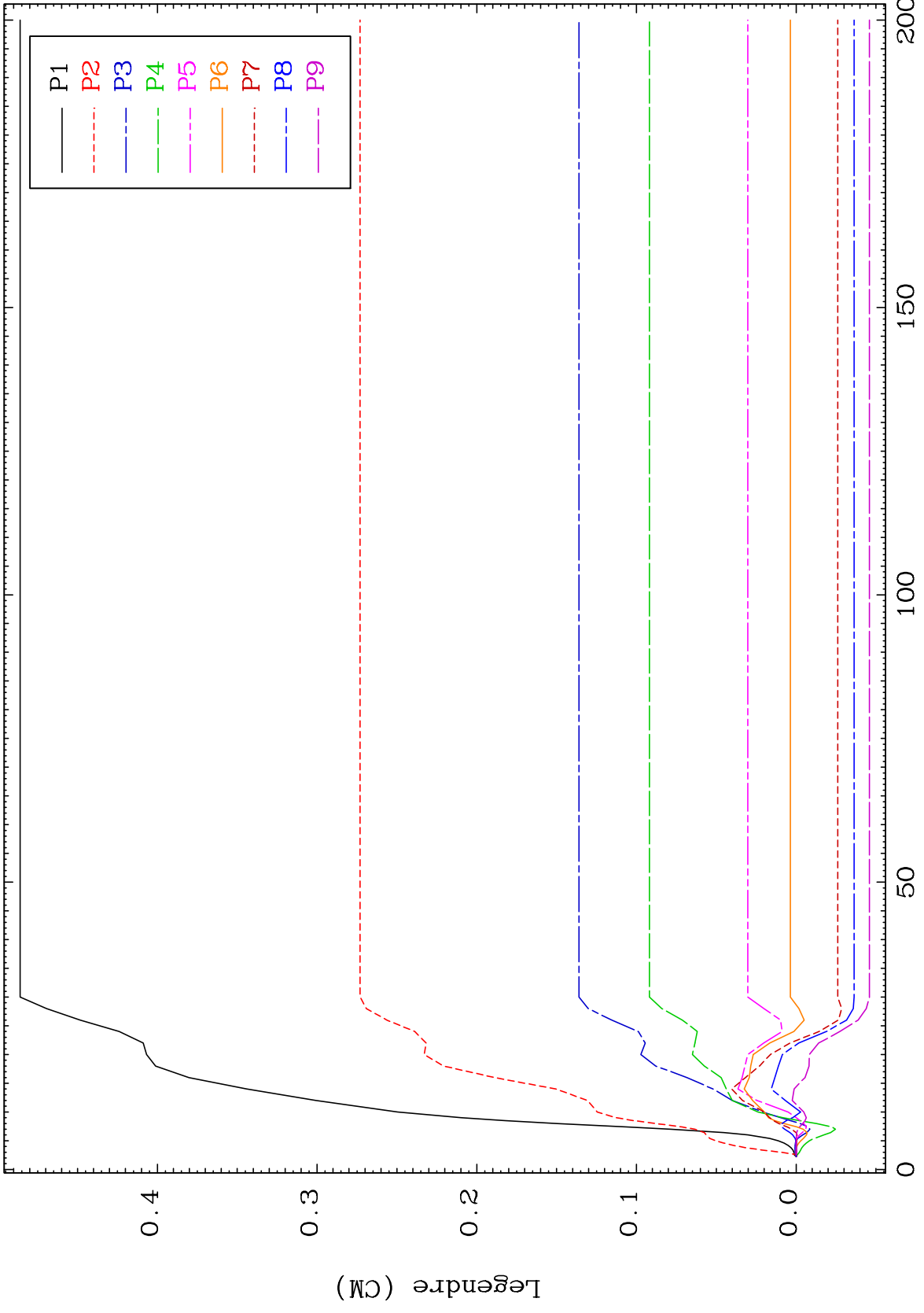


MAT 5255 MT= 60 (n,n') Level Legendre Coefficients 52-Te-130



57 Incident Energy (MeV) 200 52-Te-130

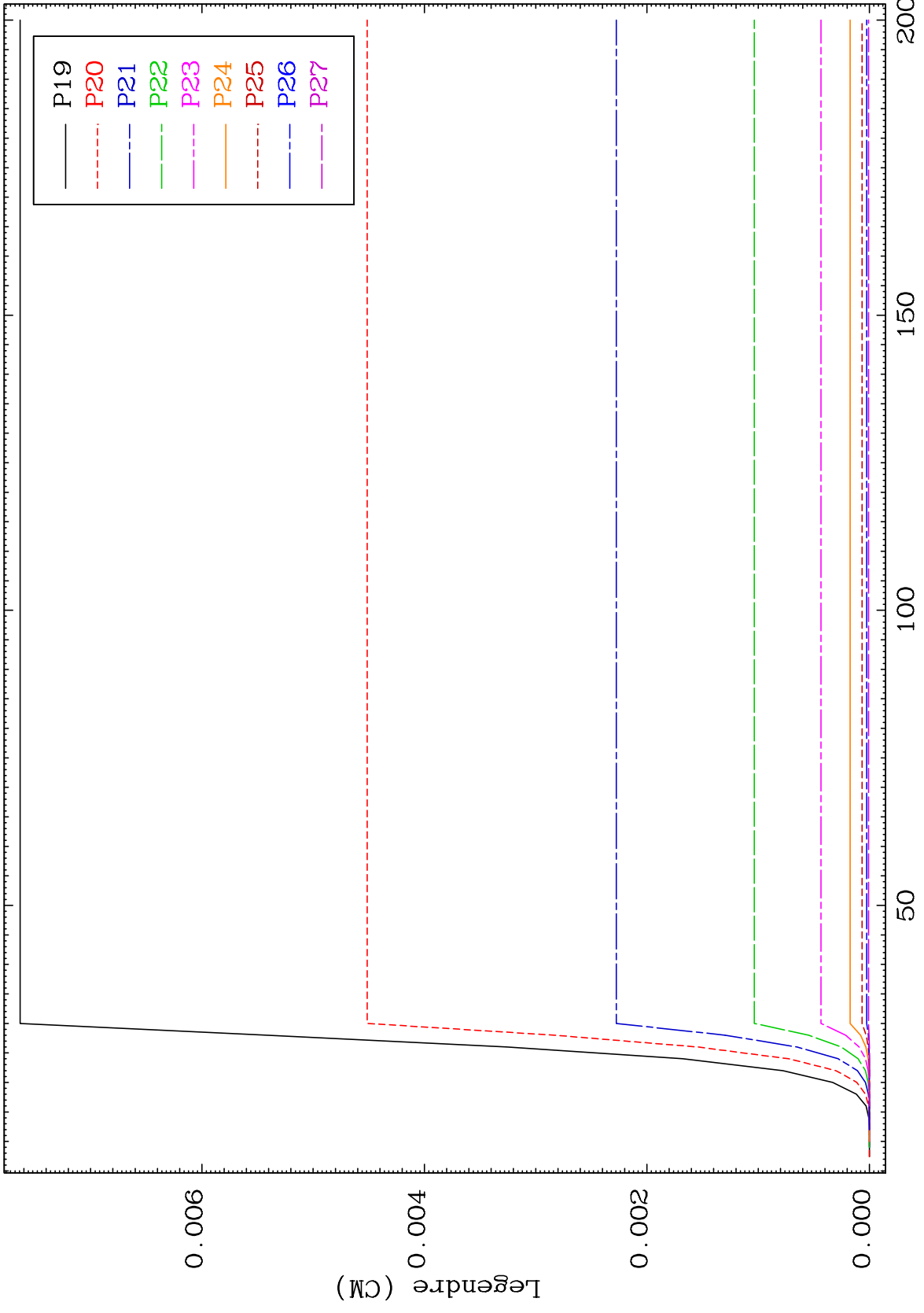
MAT 5255 MT= 61 (n,n') Level Legendre Coefficients 52-Te-130



58 52-Te-130



MAT 5255 MT= 61 (n,n') Level Legendre Coefficients 52-Te-130

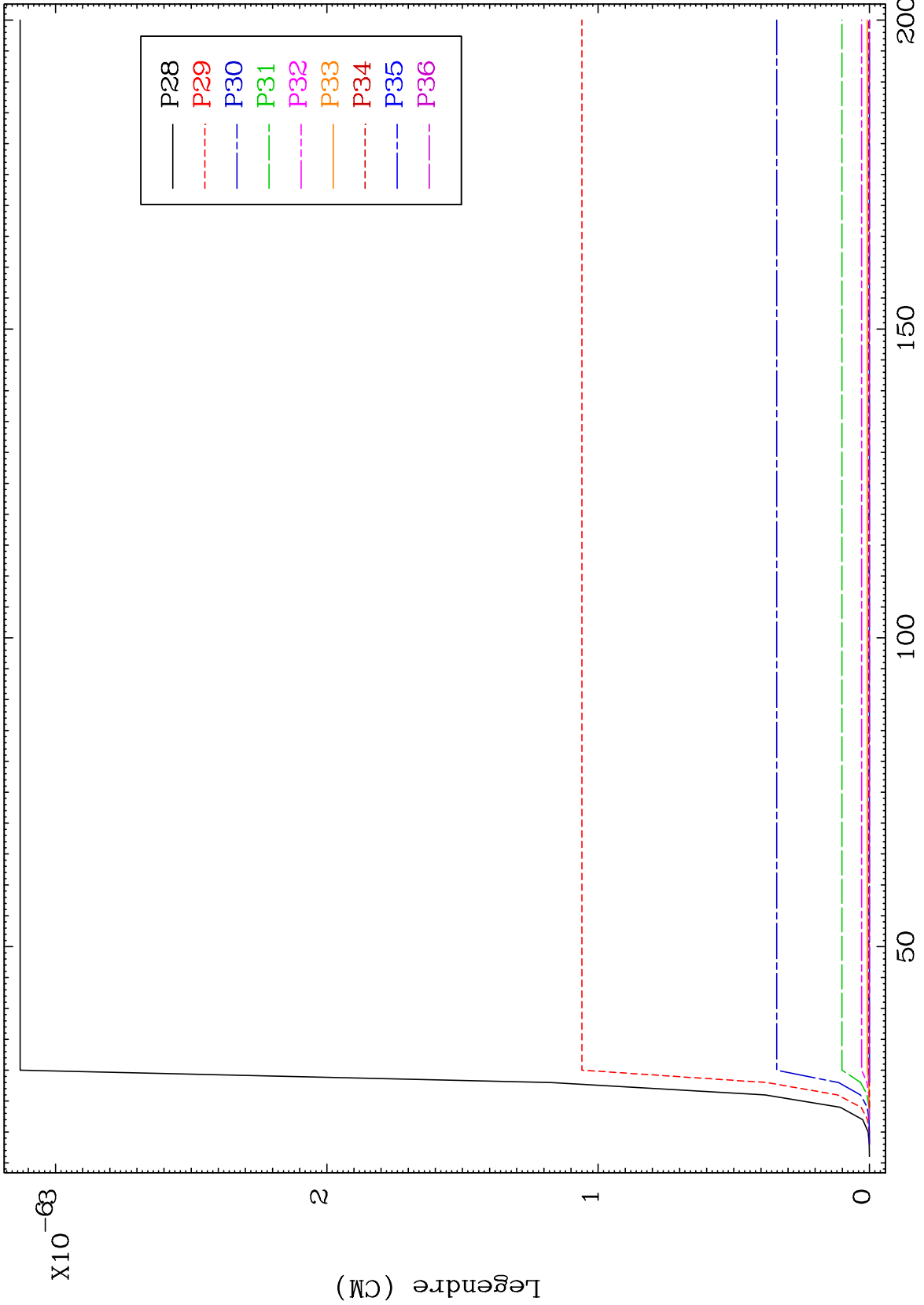


52-Te-130

MAT 5255

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

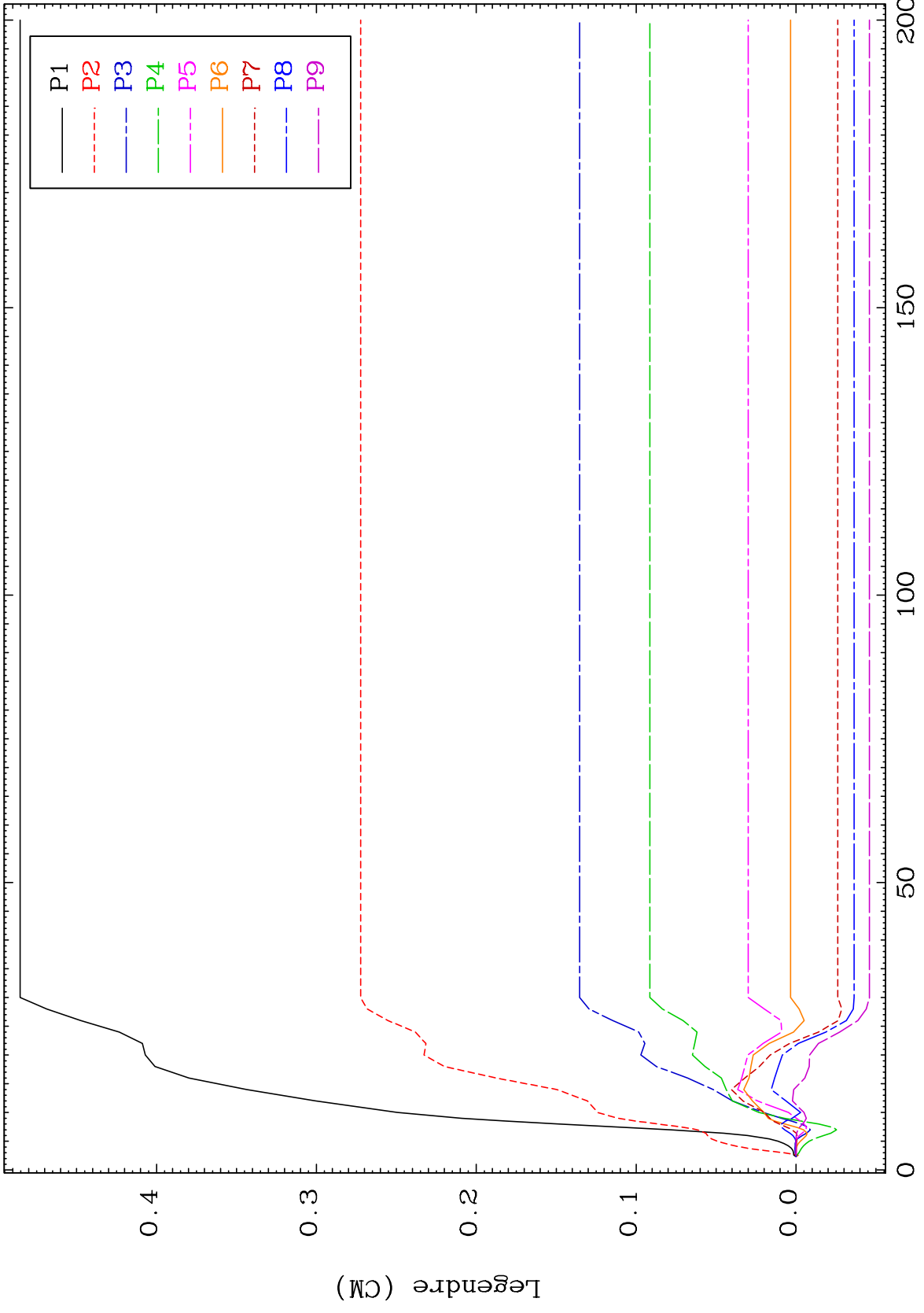
52-Te-130



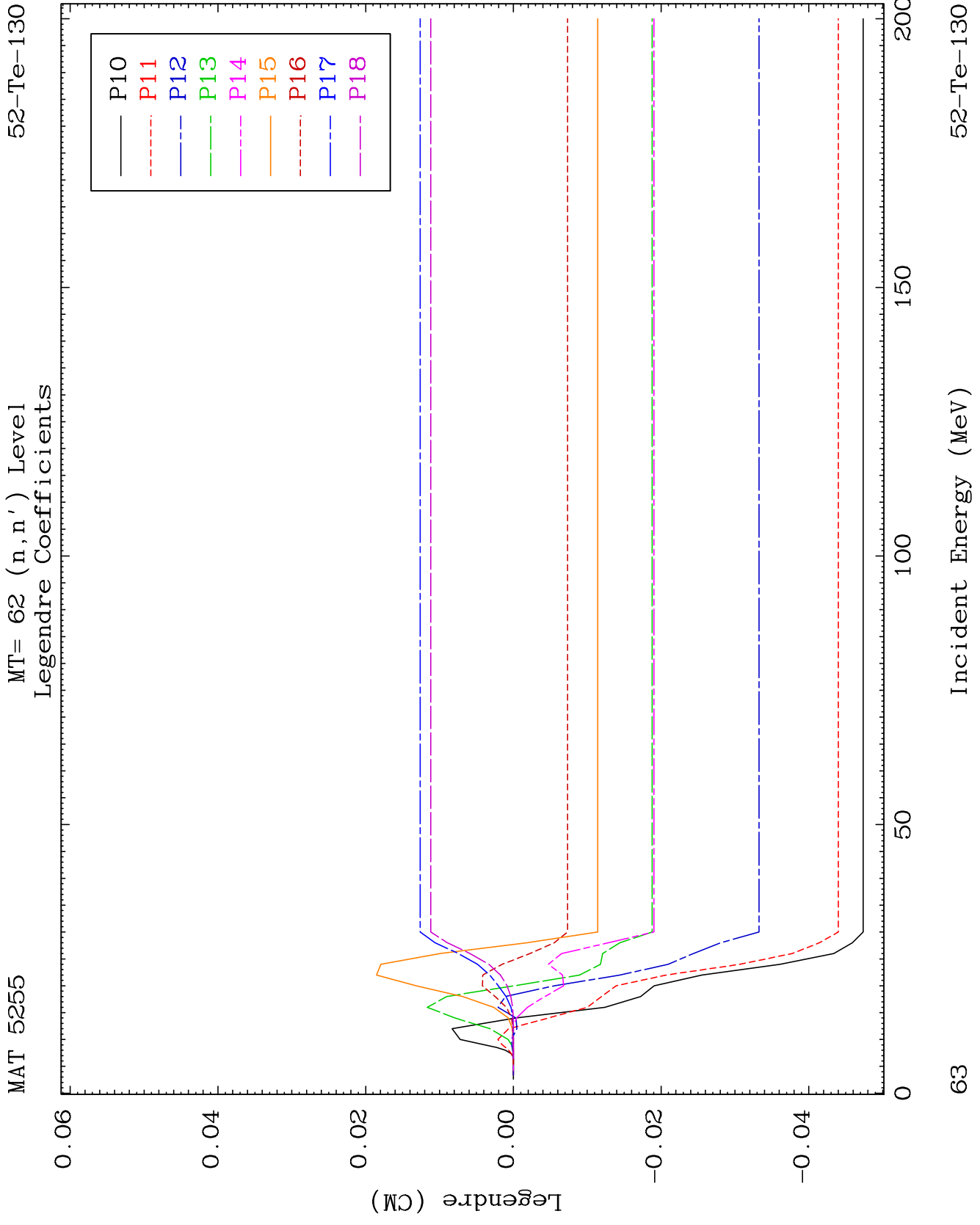
61

52-Te-130

MAT 5255 MT= 62 (n,n') Level Legendre Coefficients 52-Te-130



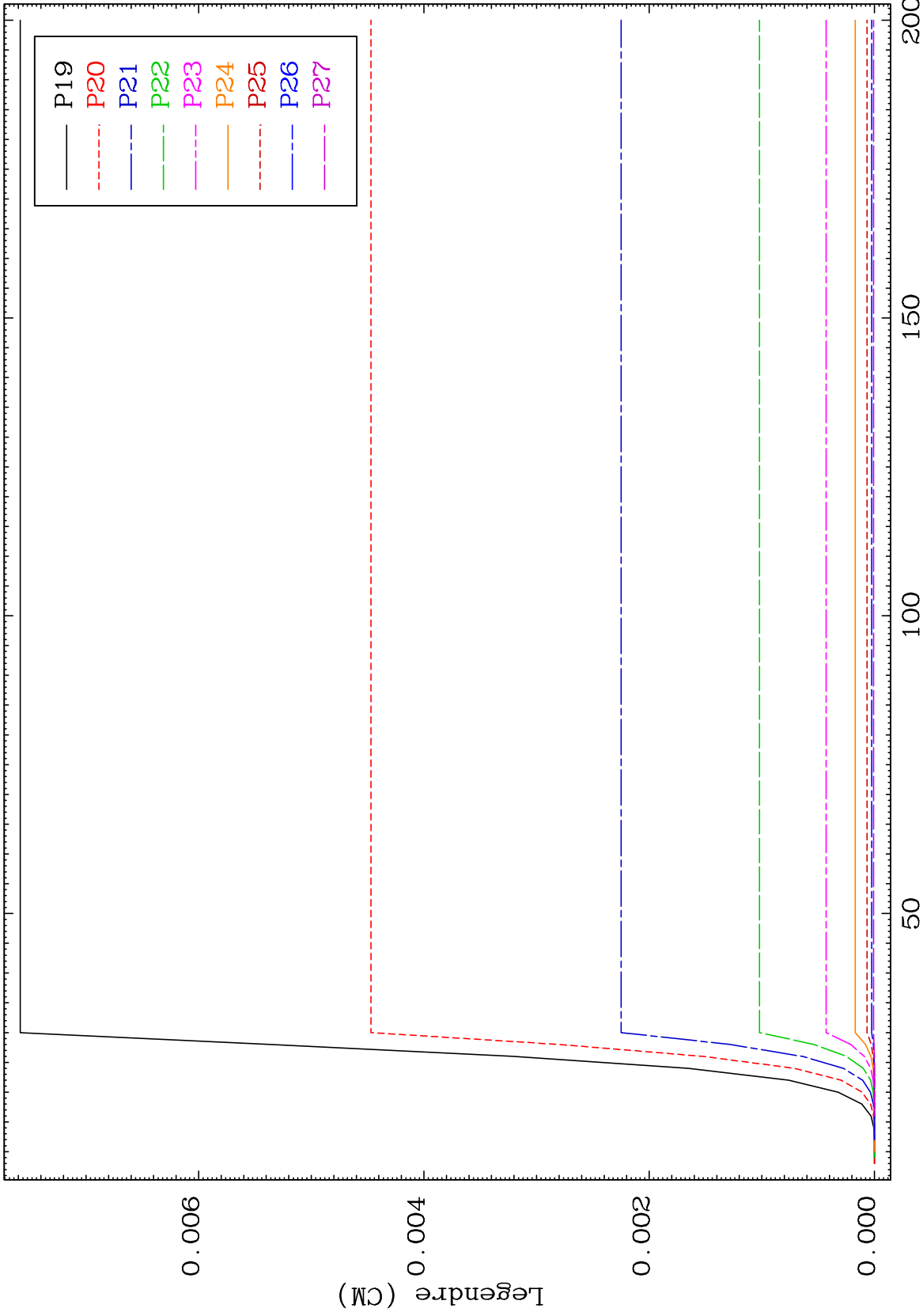
62 52-Te-130



MAT 5255

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

52-Te-130



64

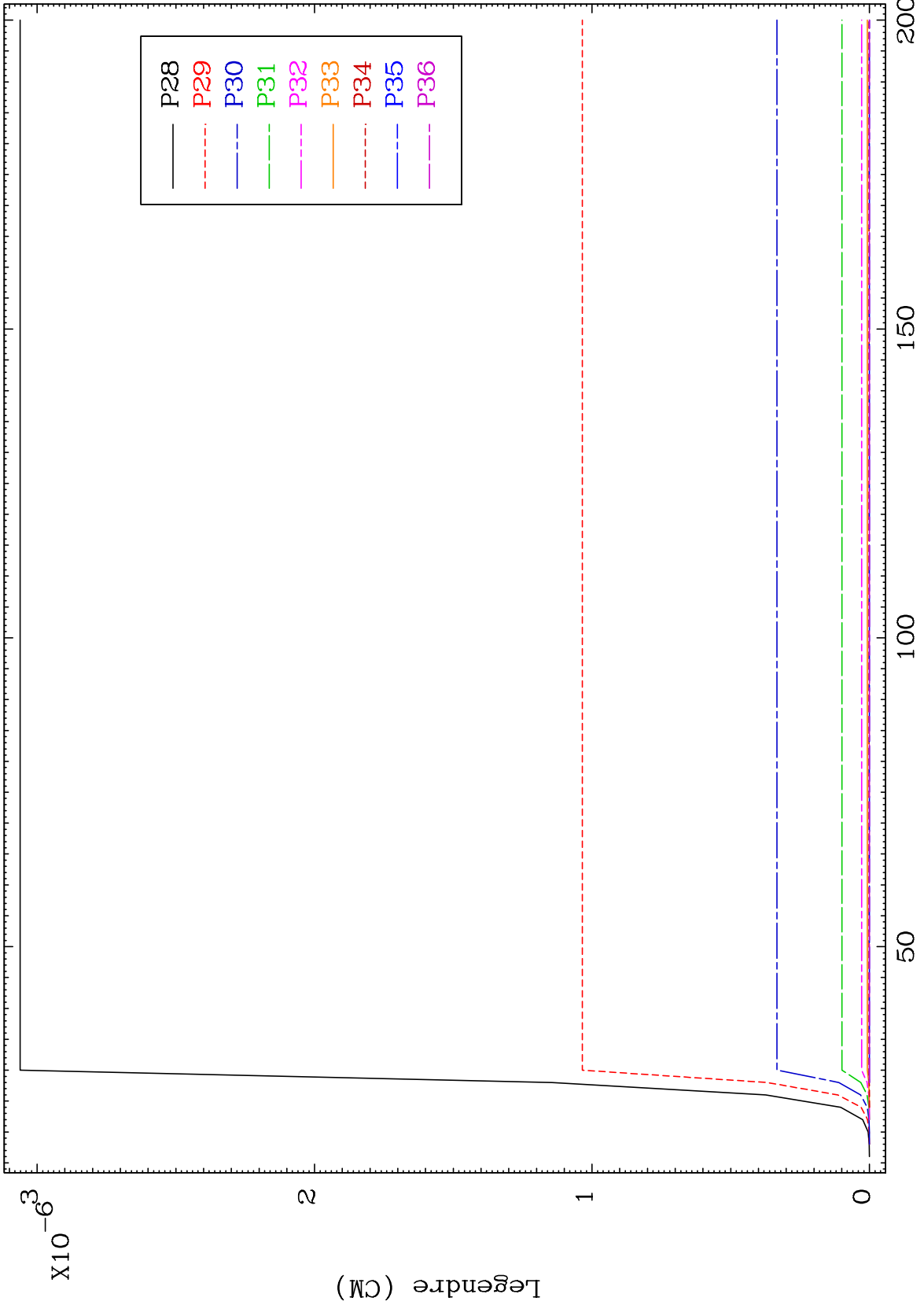
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130

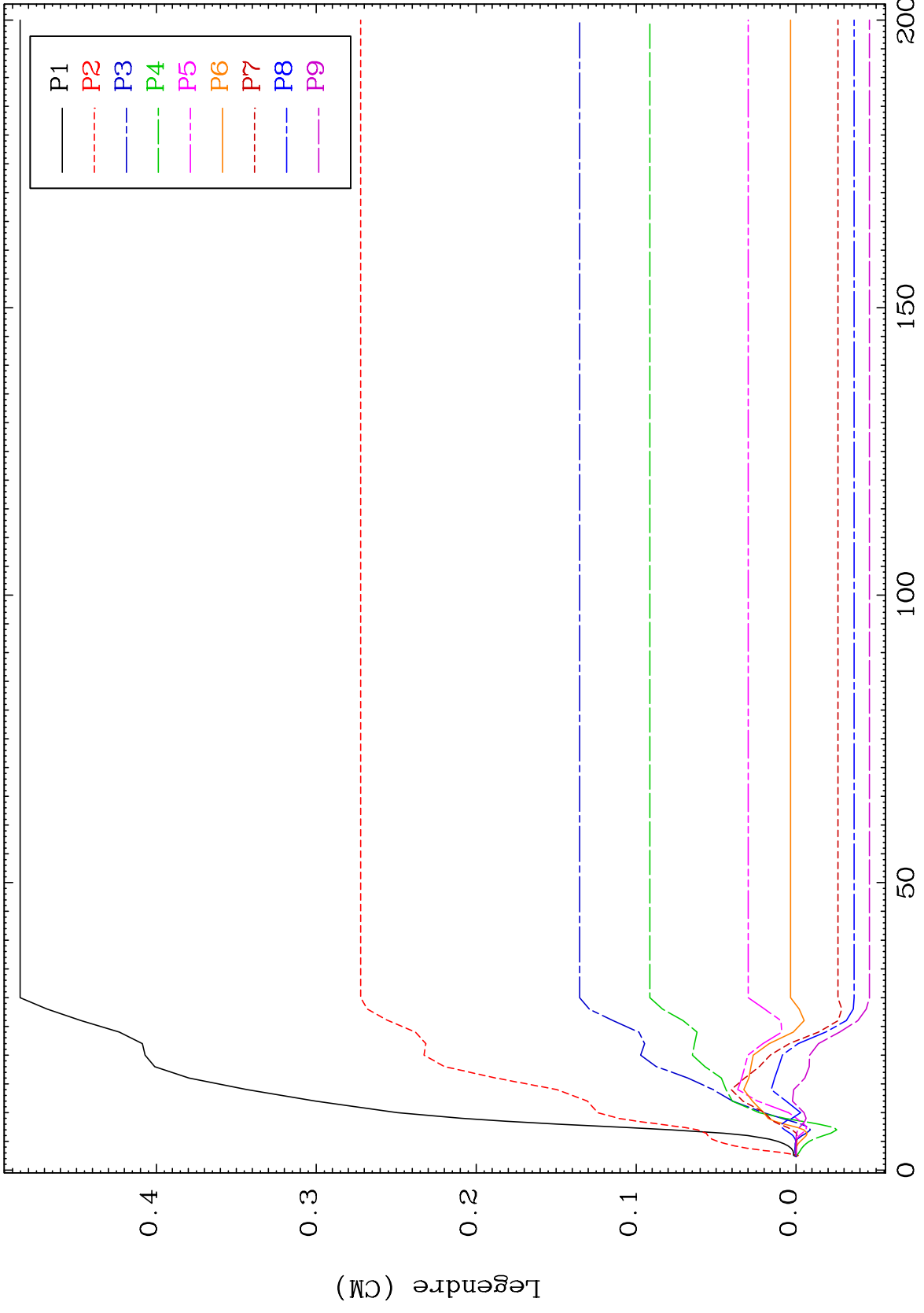


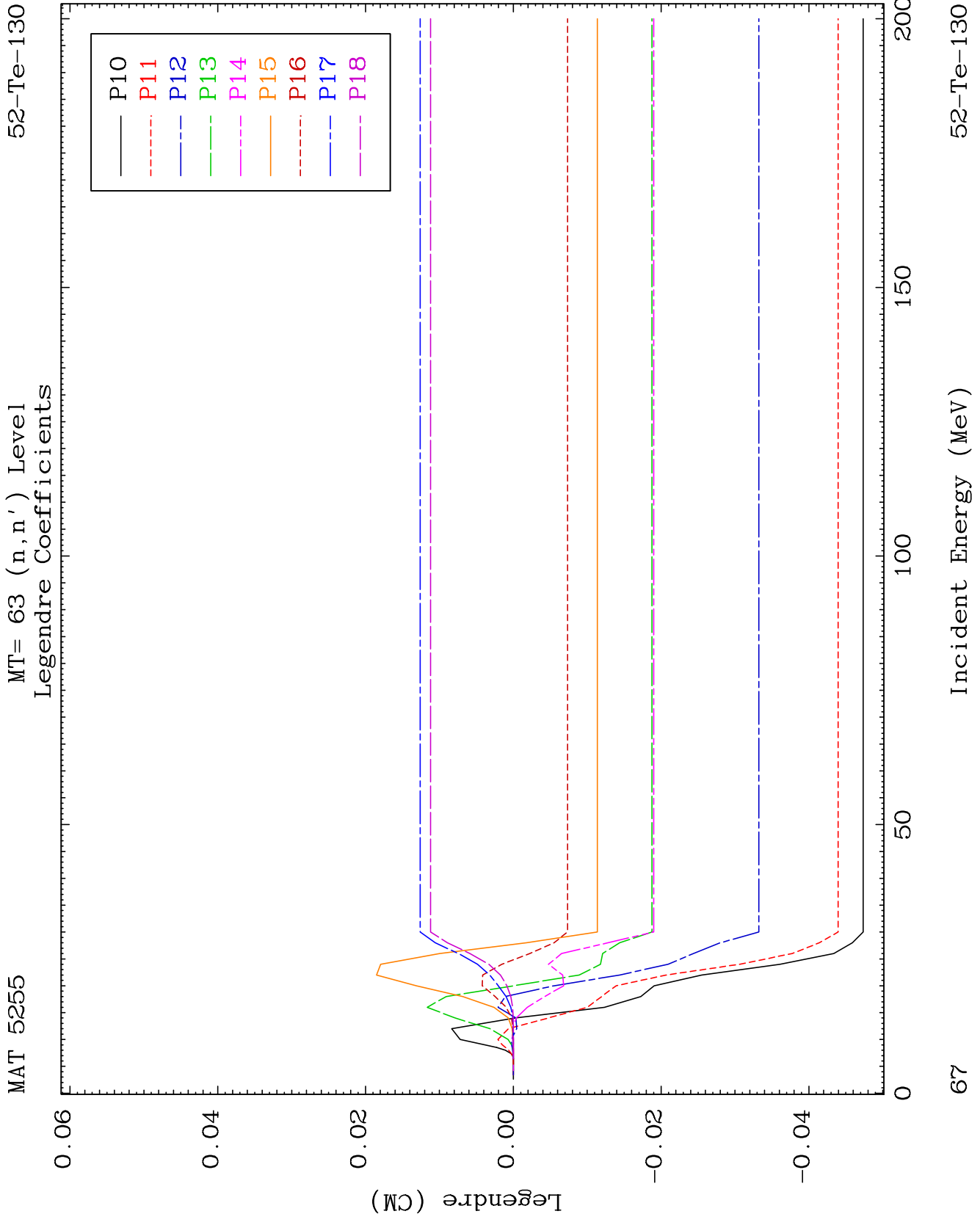
65

Incident Energy (MeV)

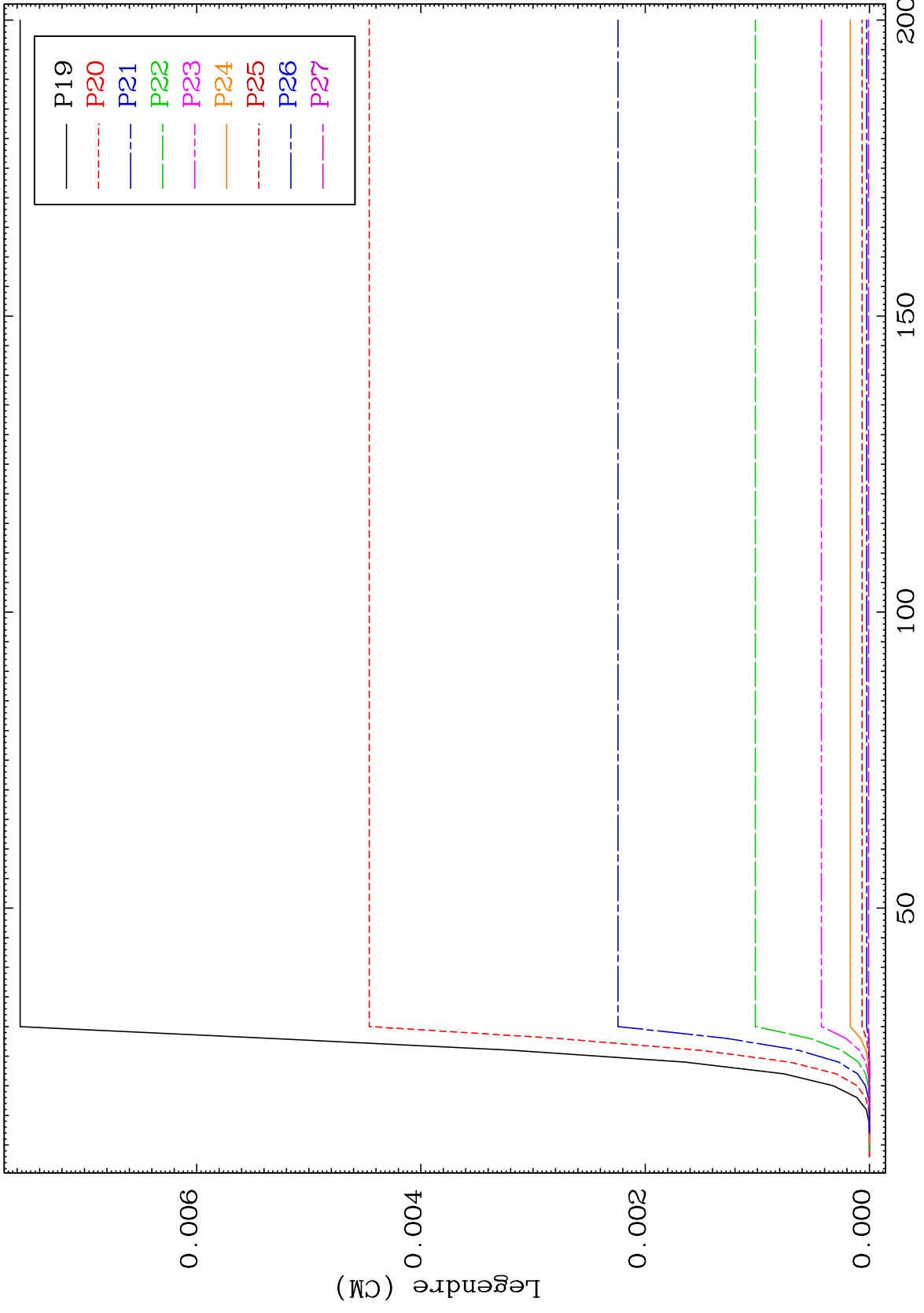
52-Te-130

MAT 5255 MT= 63 (n,n') Level Legendre Coefficients 52-Te-130





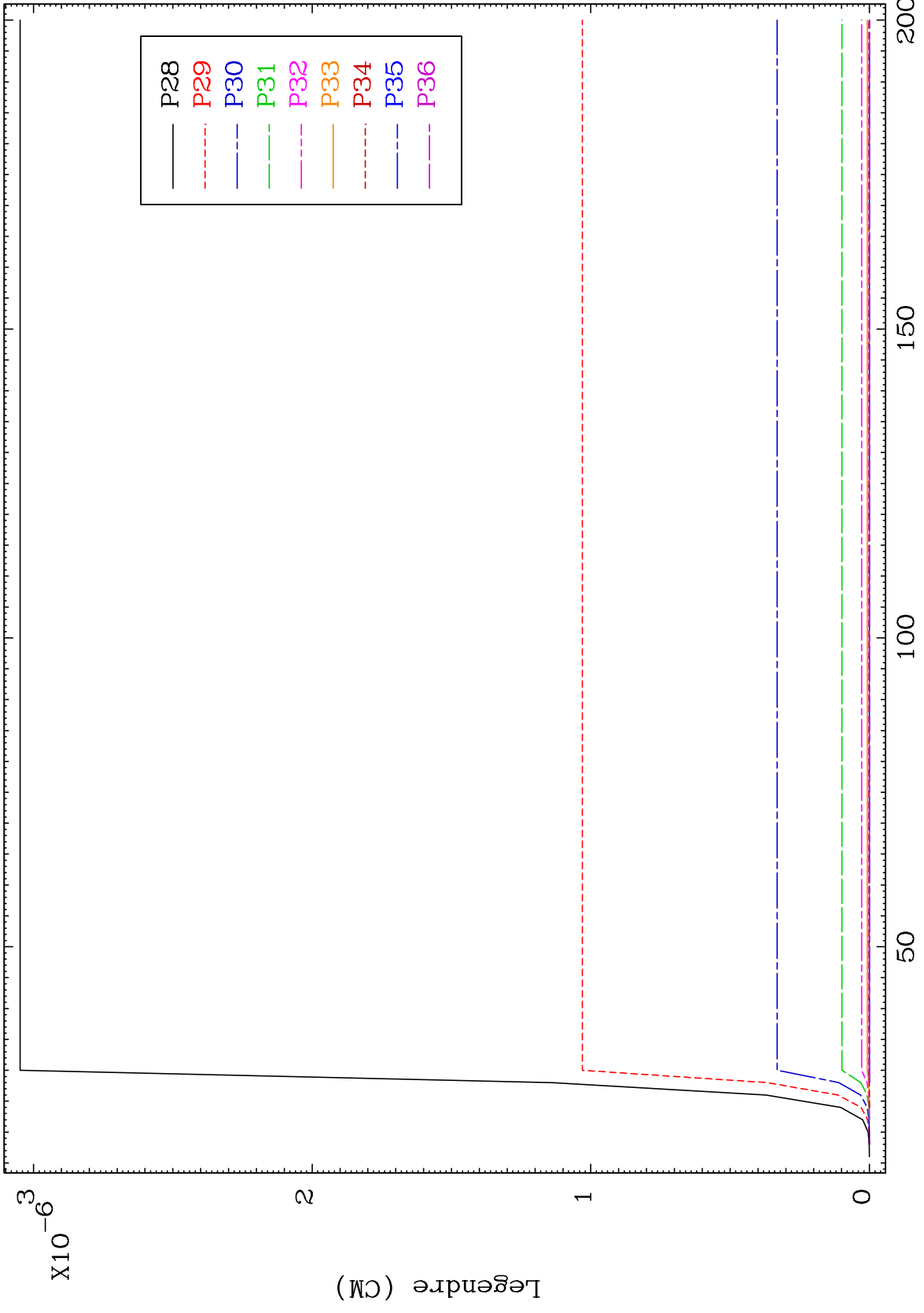
MAT 5255 MT= 63 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255

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

52-Te-130



69

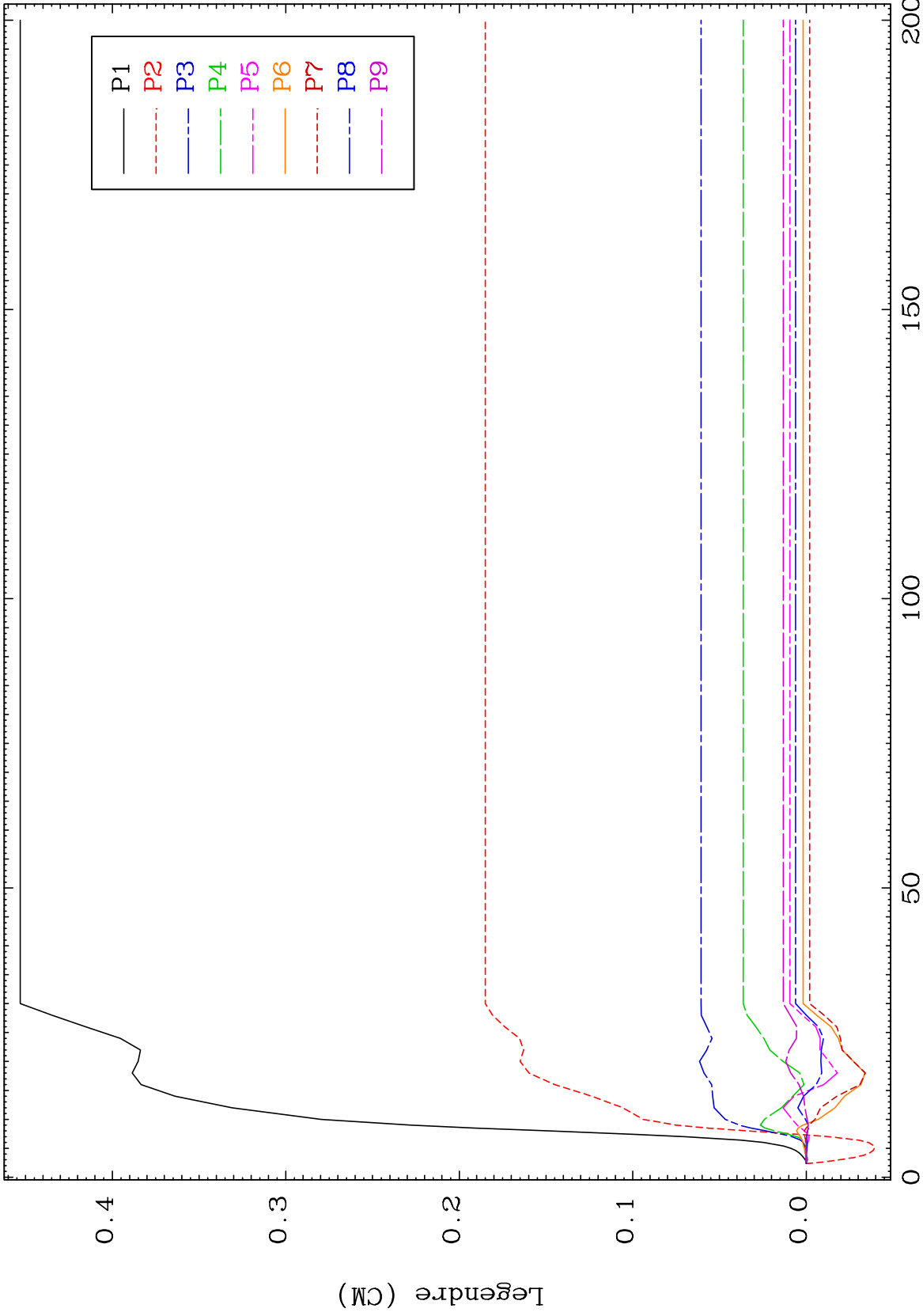
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130



52-Te-130

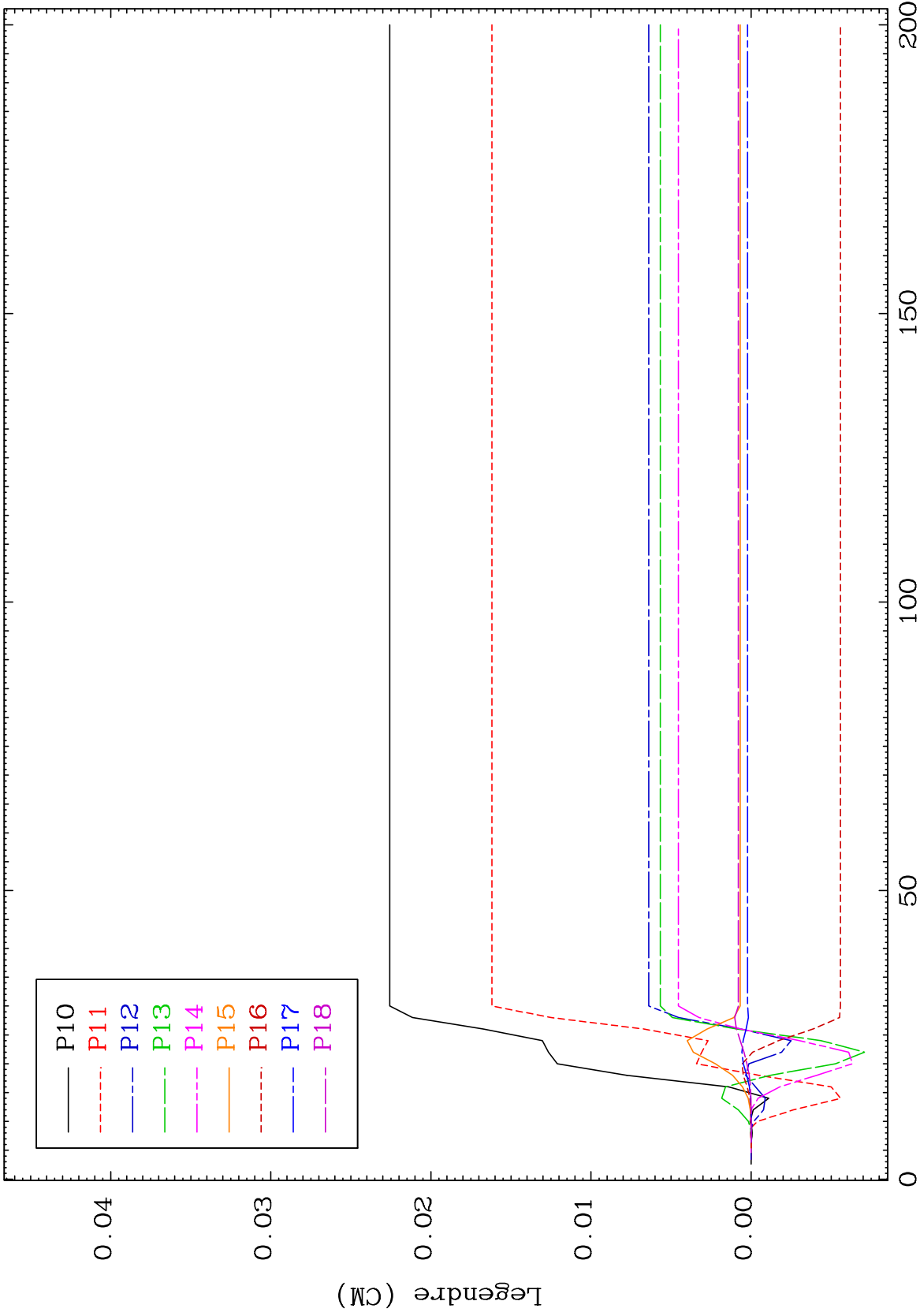
Incident Energy (MeV)

70

MAT 5255

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

52-Te-130

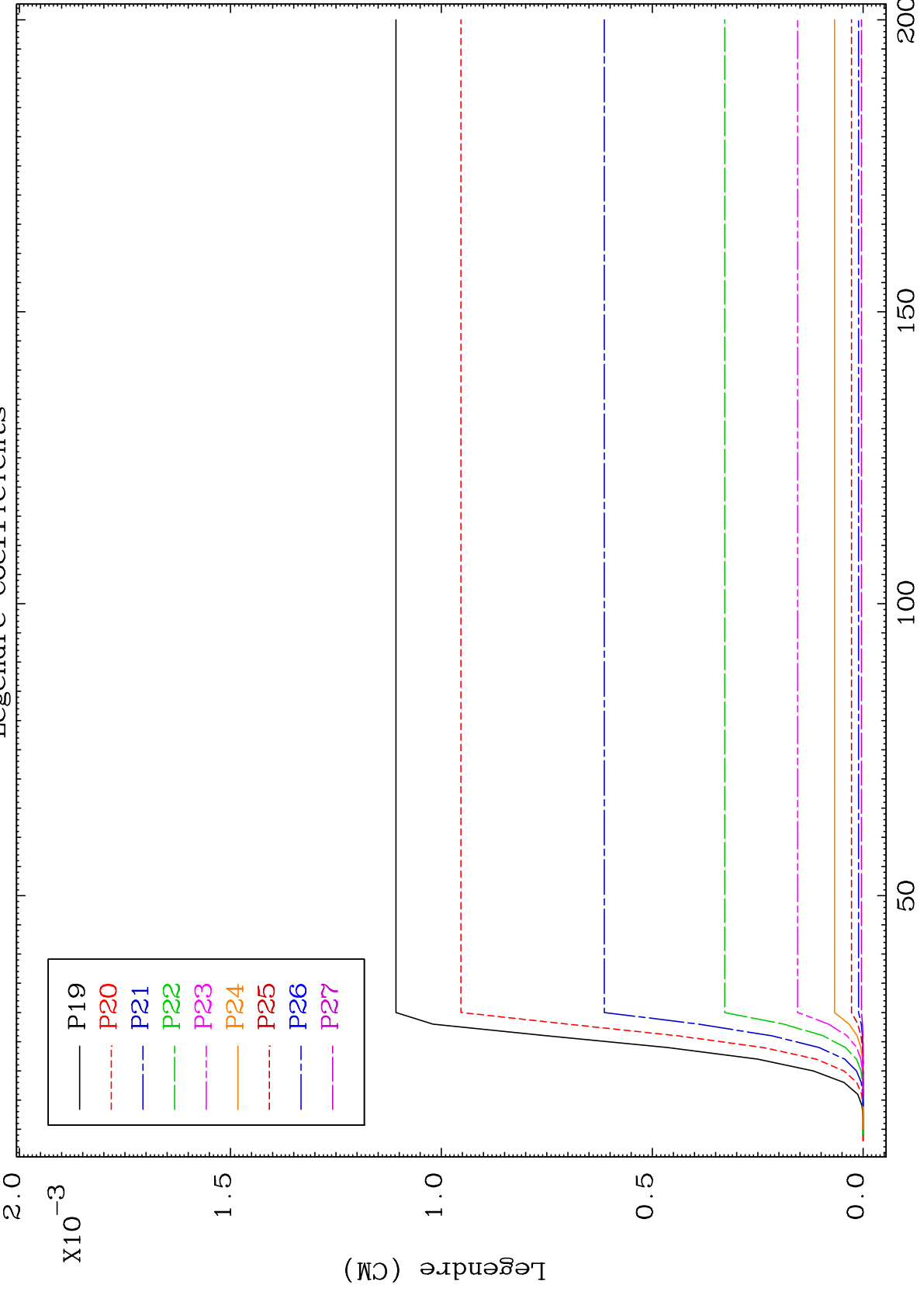


71

Incident Energy (MeV)

52-Te-130

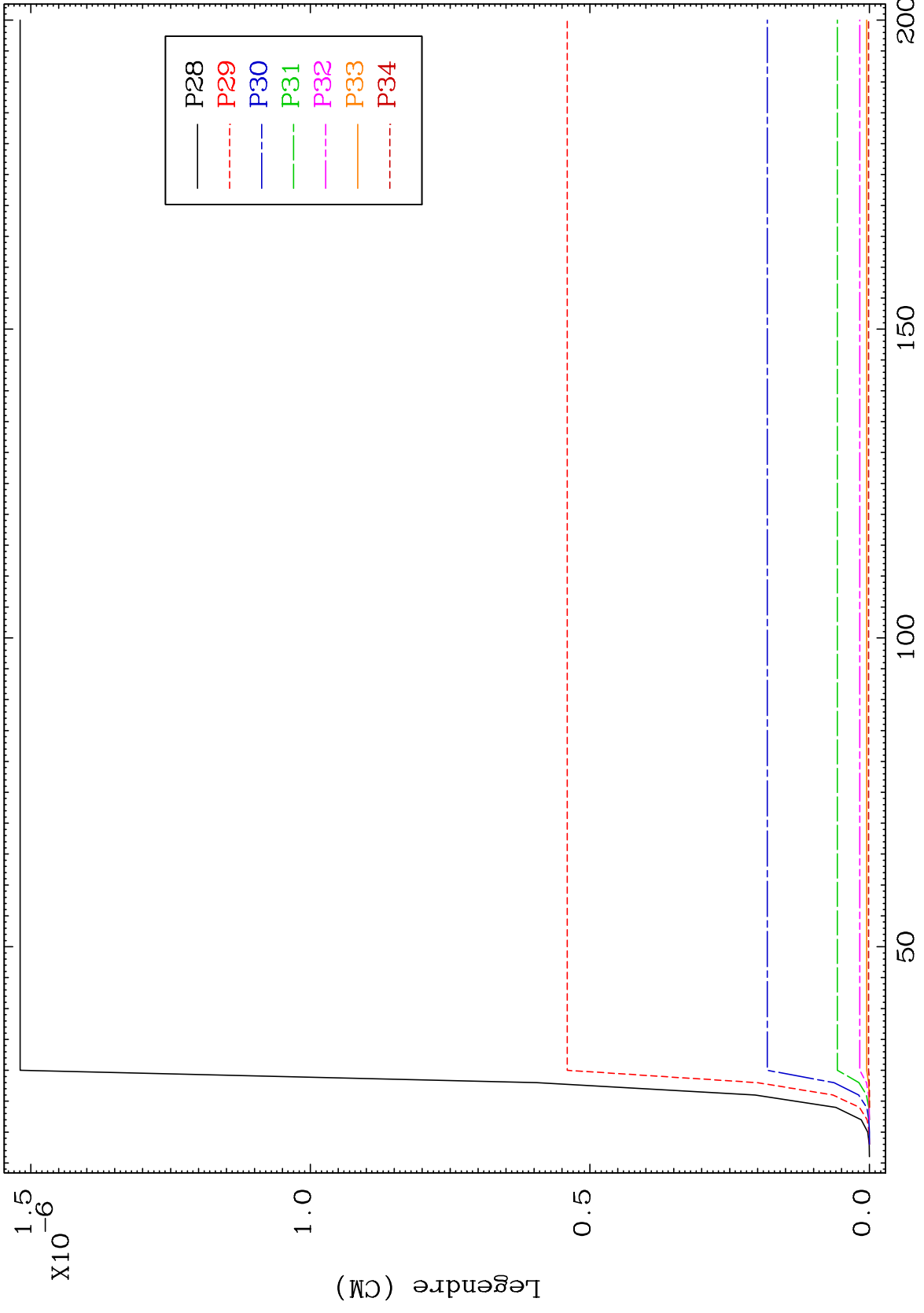
MAT 5255 MT= 64 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255

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

52-Te-130



73

52-Te-130

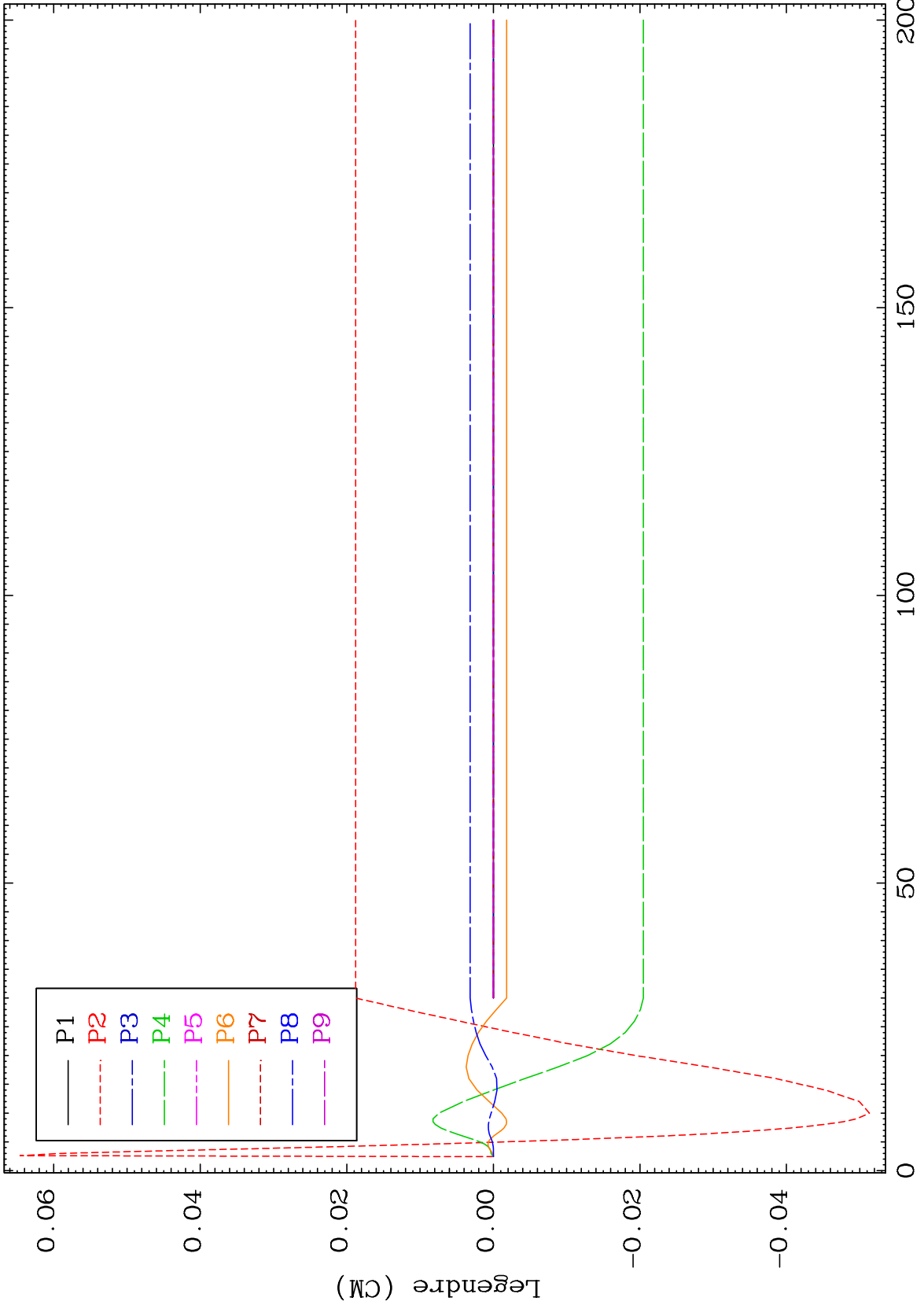
MAT 5255 MT= 65 (n,n') Level Legendre Coefficients

52-Te-130

52-Te-130

Incident Energy (MeV)

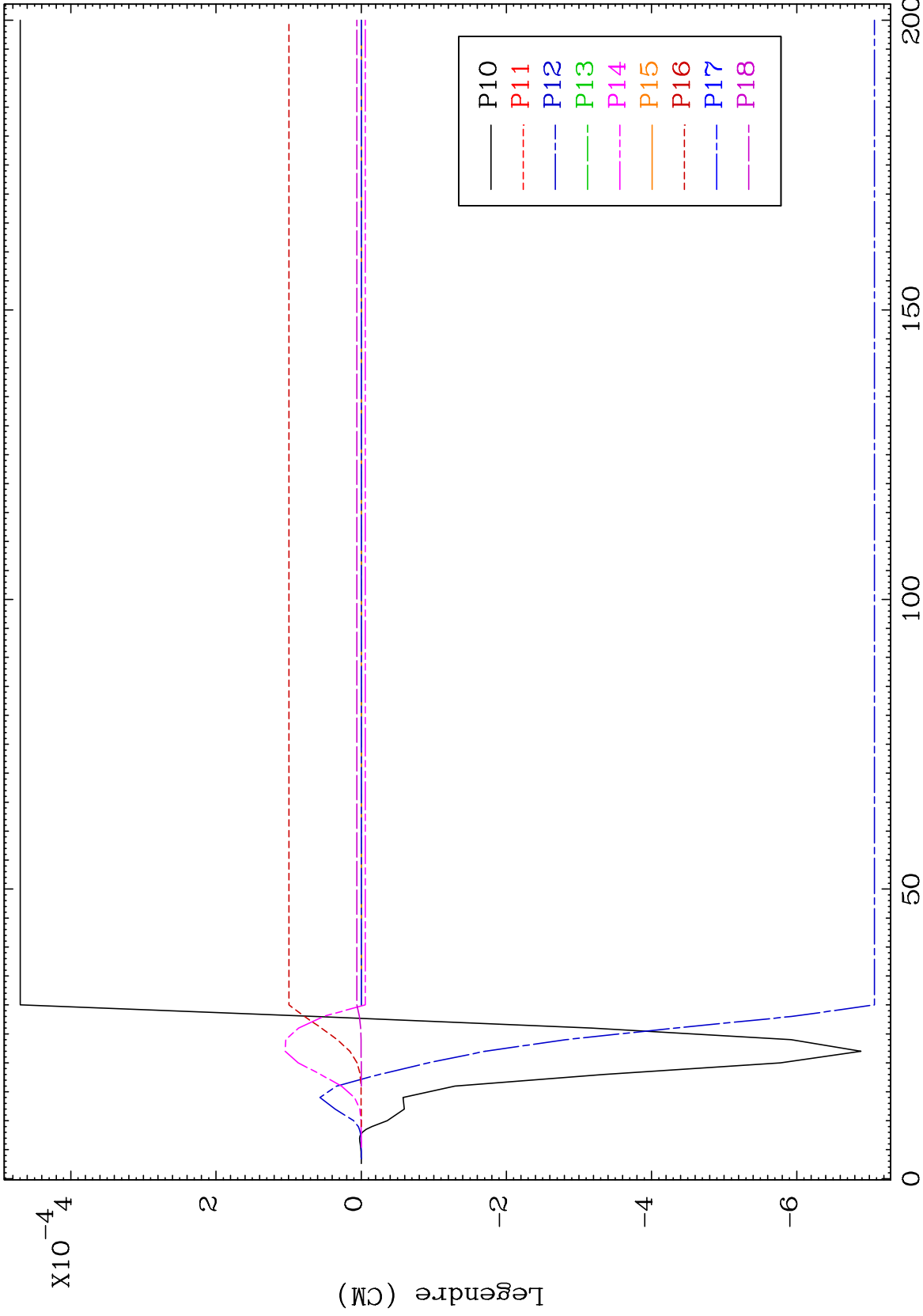
74



MAT 5255

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

52-Te-130

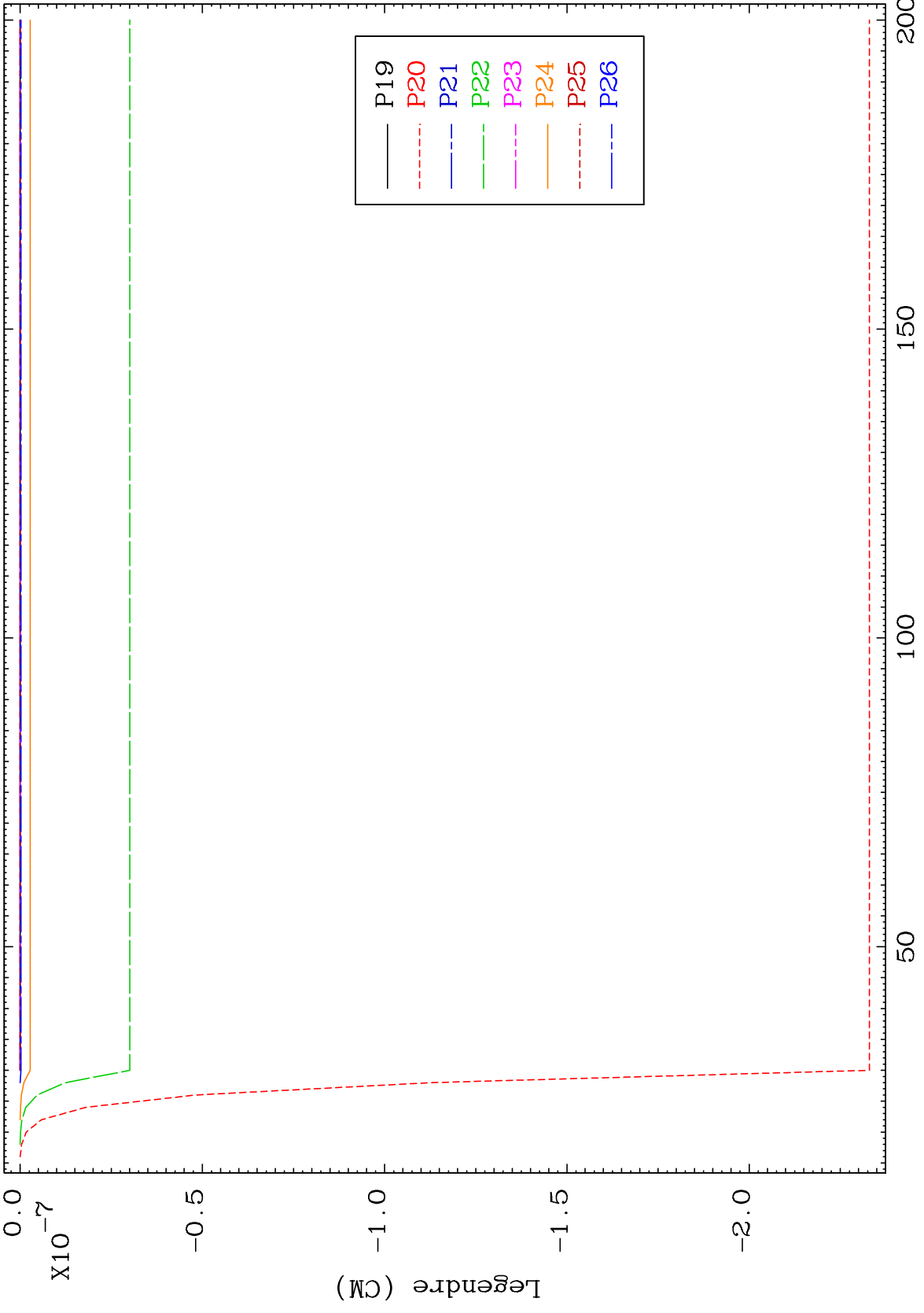


75

Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 65 (n,n') Level Legendre Coefficients 52-Te-130

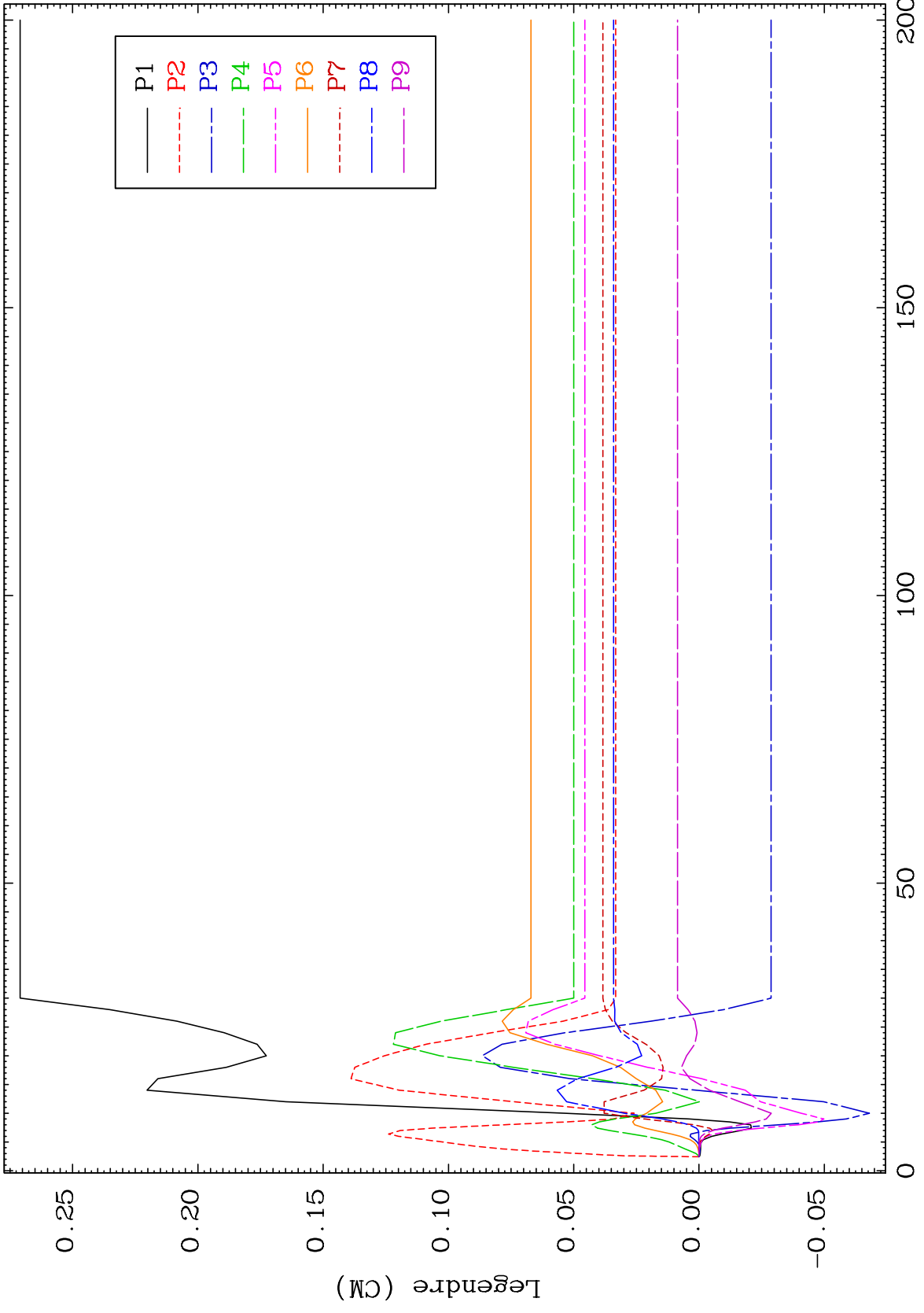


76 52-Te-130

MAT 5255

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

52-Te-130

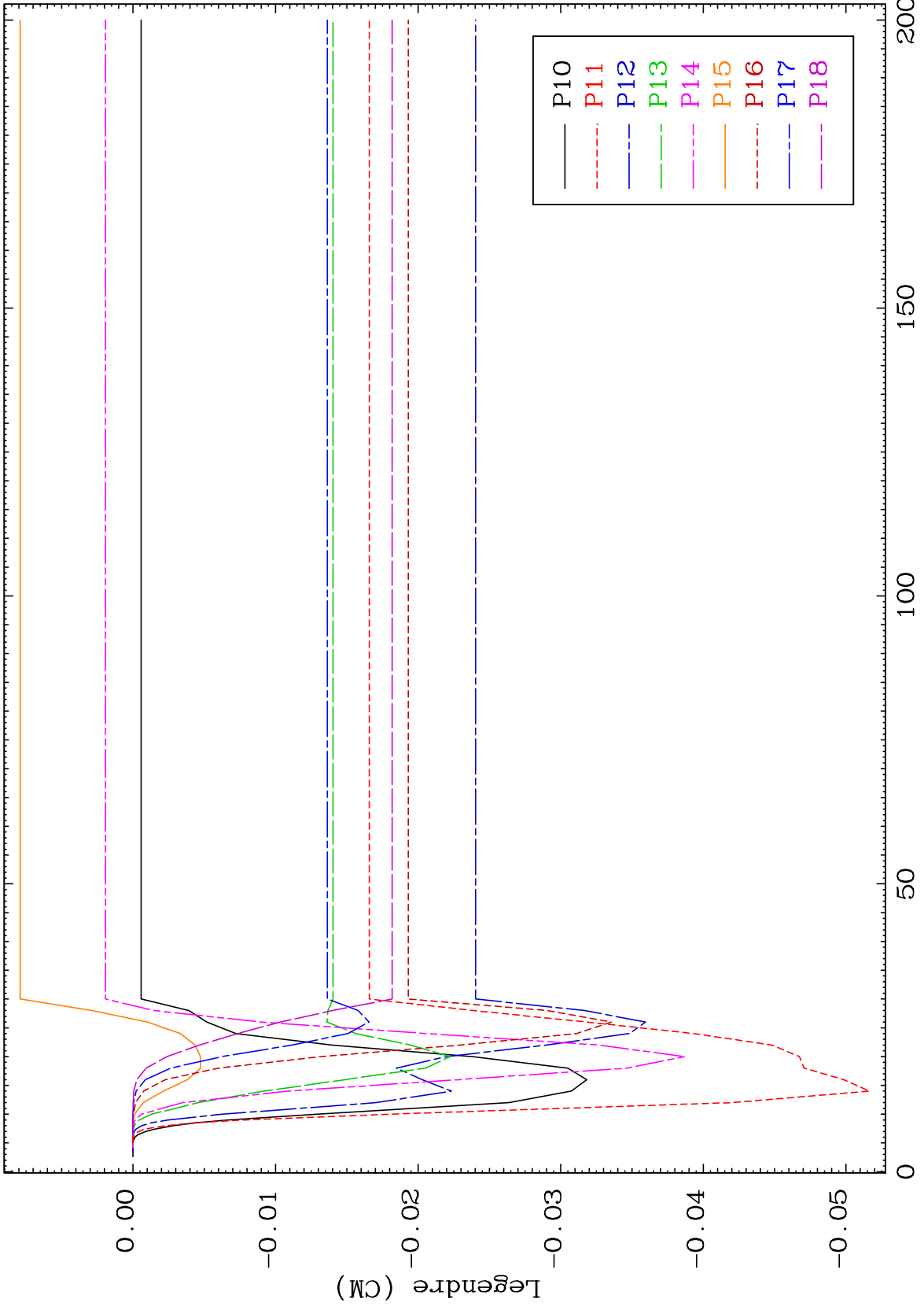


77

Incident Energy (MeV)

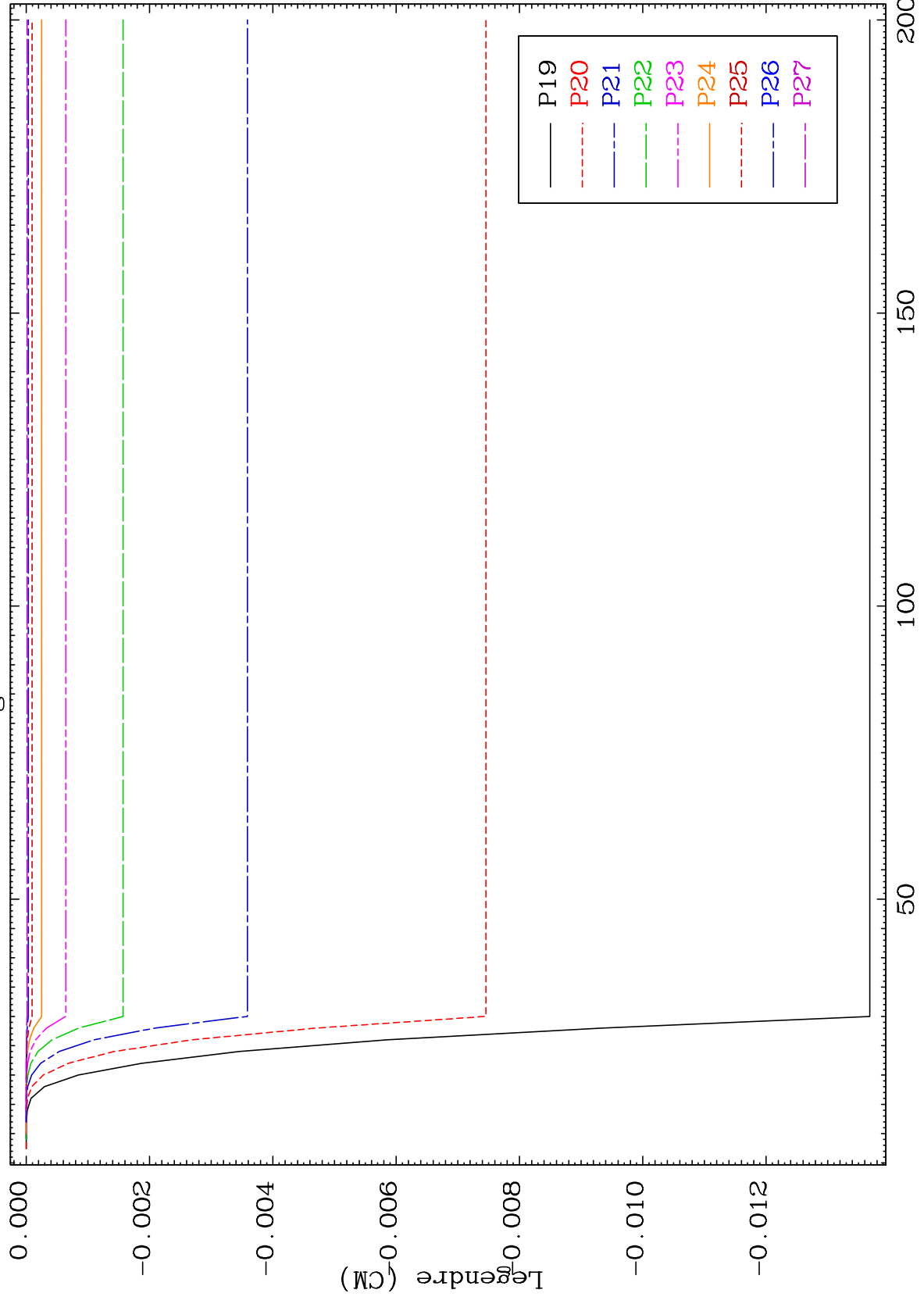
52-Te-130

MAT 5255 MT= 66 (n,n') Level Legendre Coefficients 52-Te-130

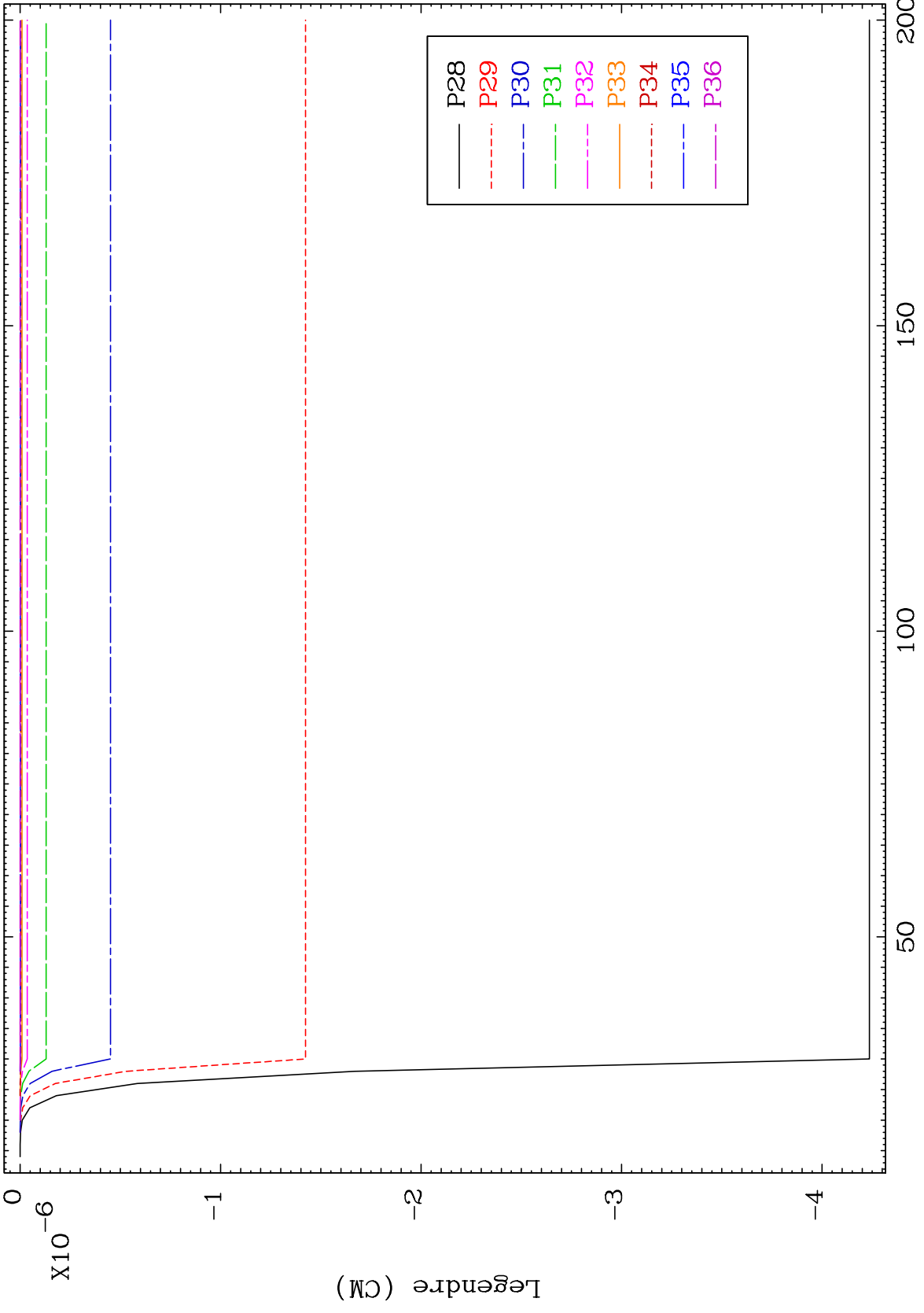


78 52-Te-130

MAT 5255 MT= 66 (n,n') Level Legendre Coefficients 52-Te-130

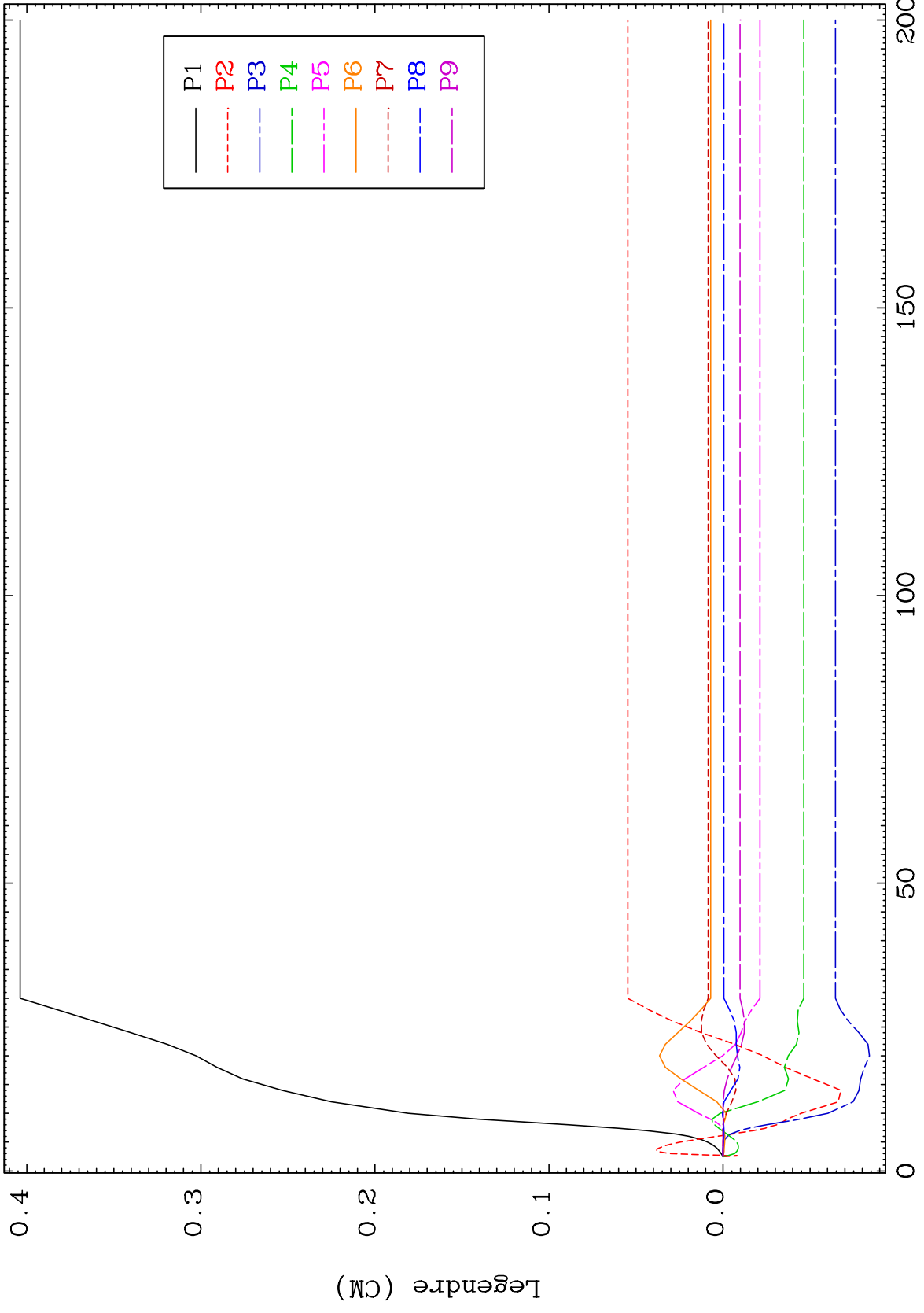


MAT 5255 MT= 66 (n,n') Level Legendre Coefficients 52-Te-130

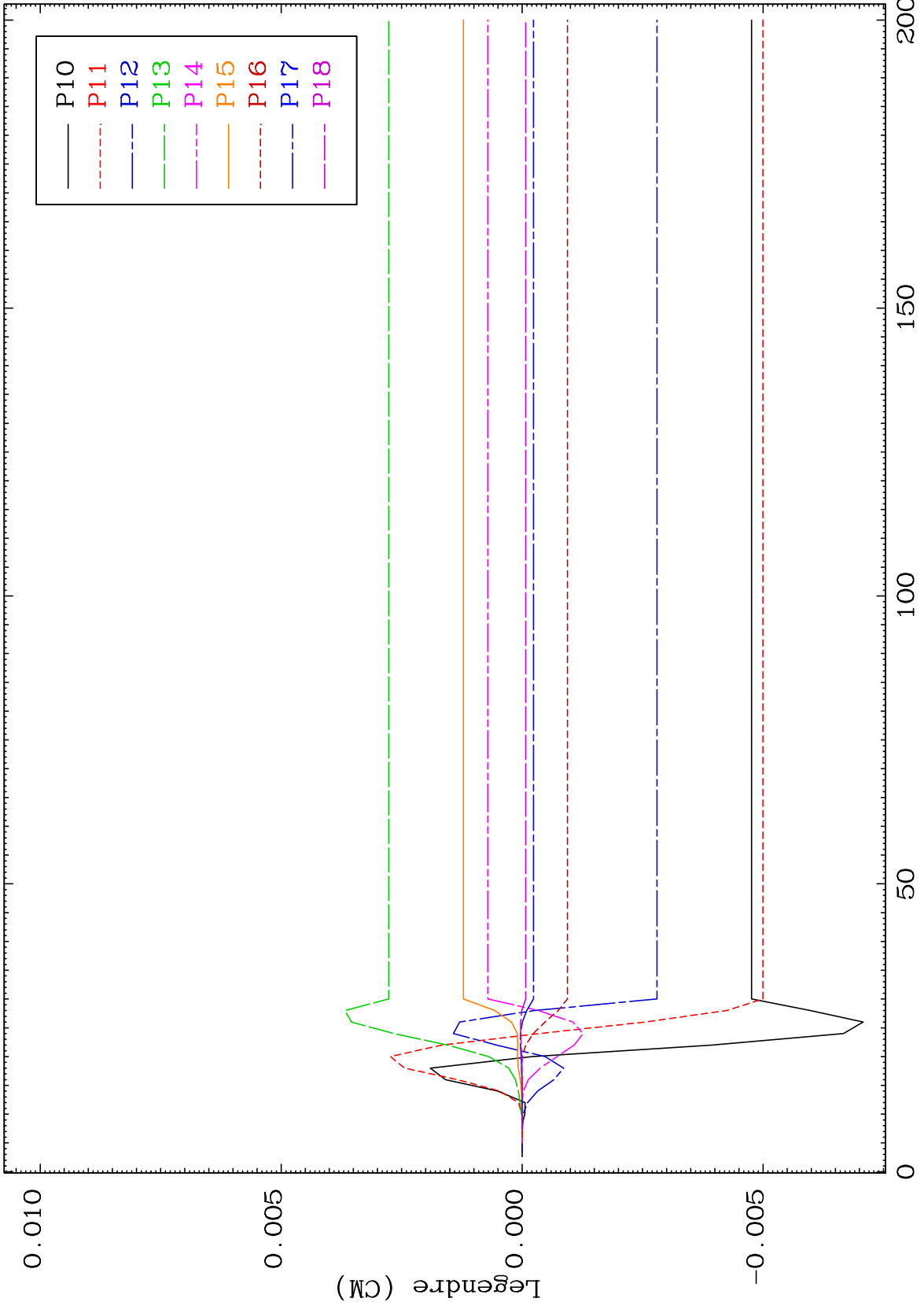


80 50 100 150 200 Incident Energy (MeV) 52-Te-130

MAT 5255 MT= 67 (n,n') Level Legendre Coefficients 52-Te-130

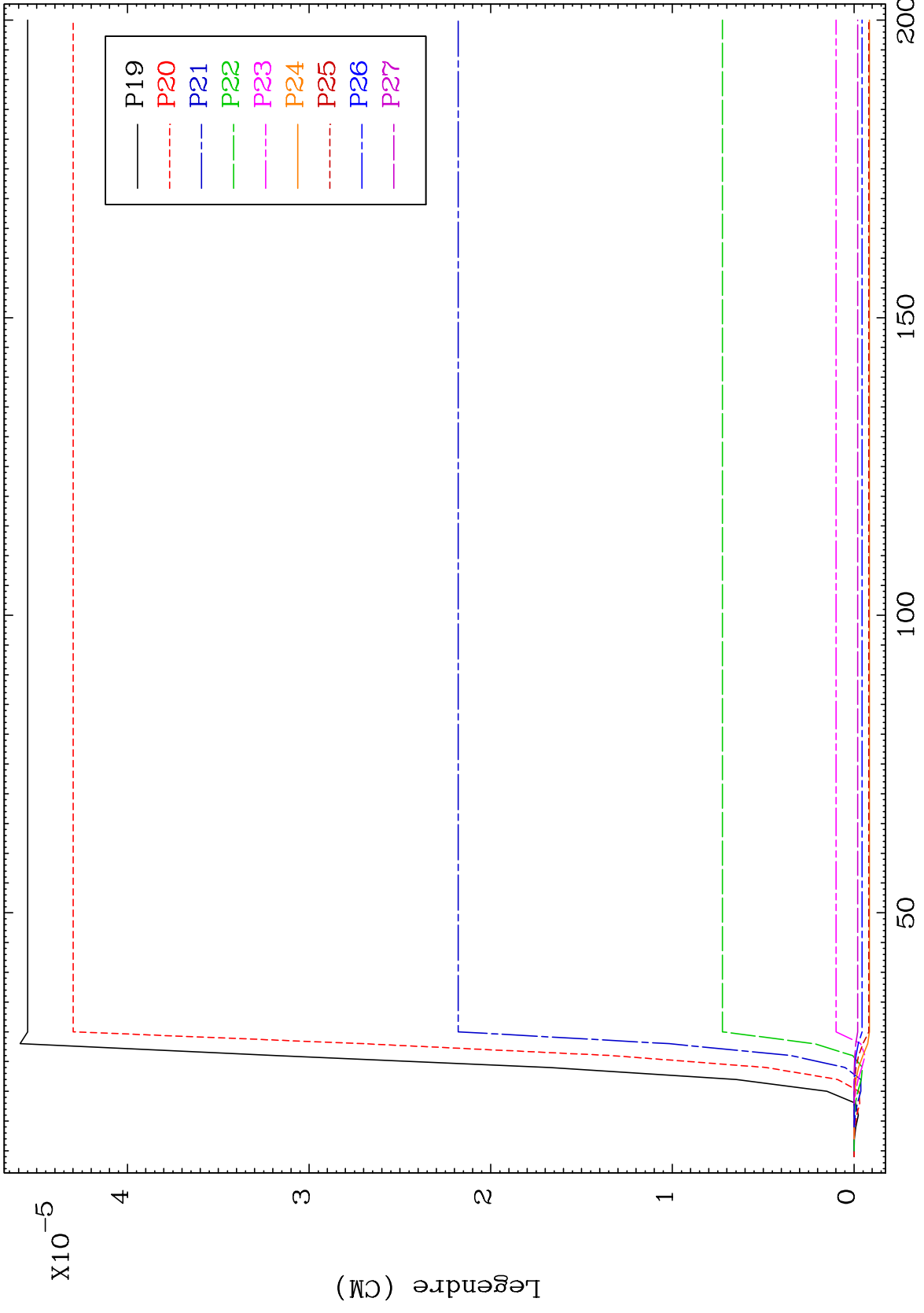


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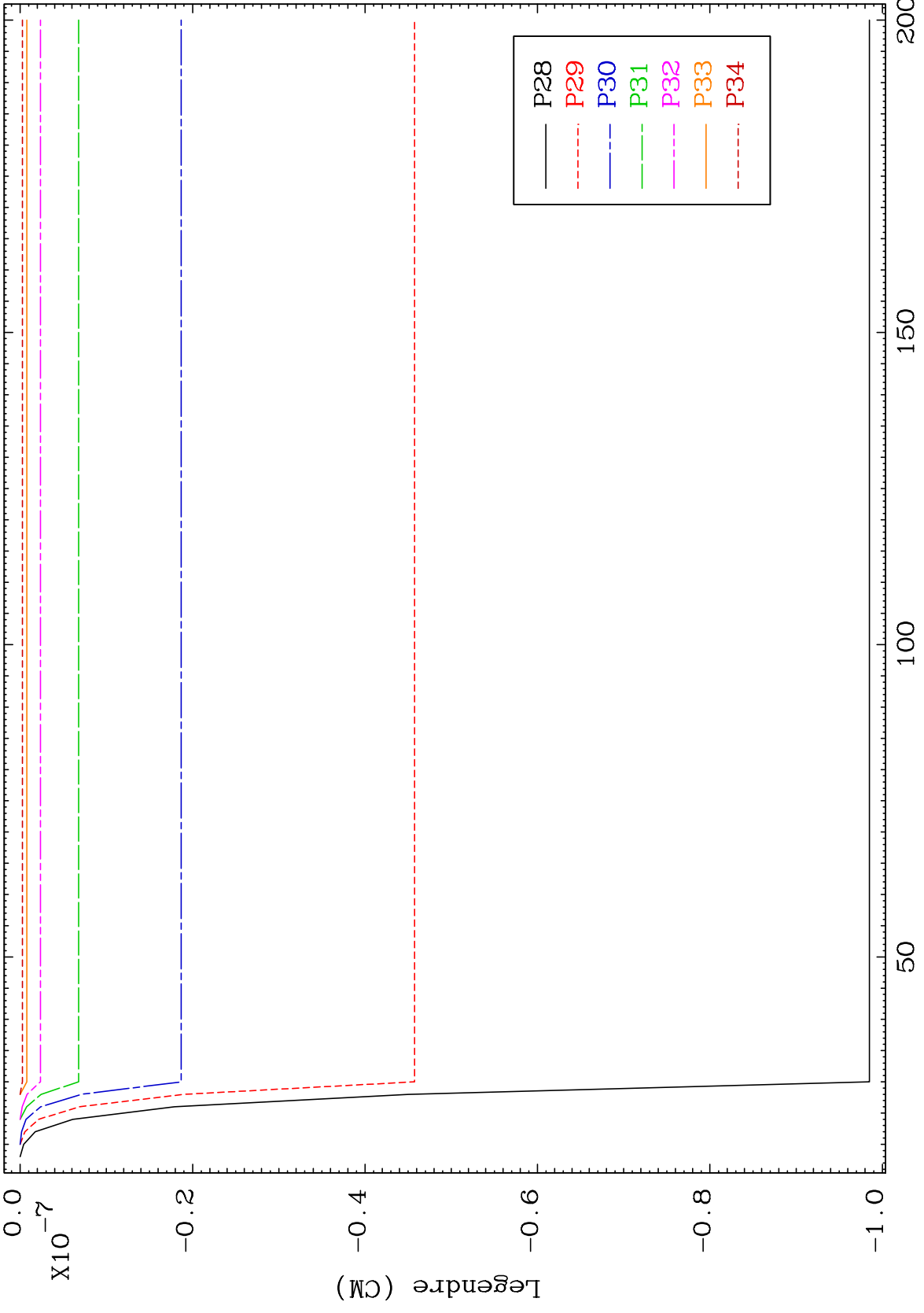


82 52-Te-130

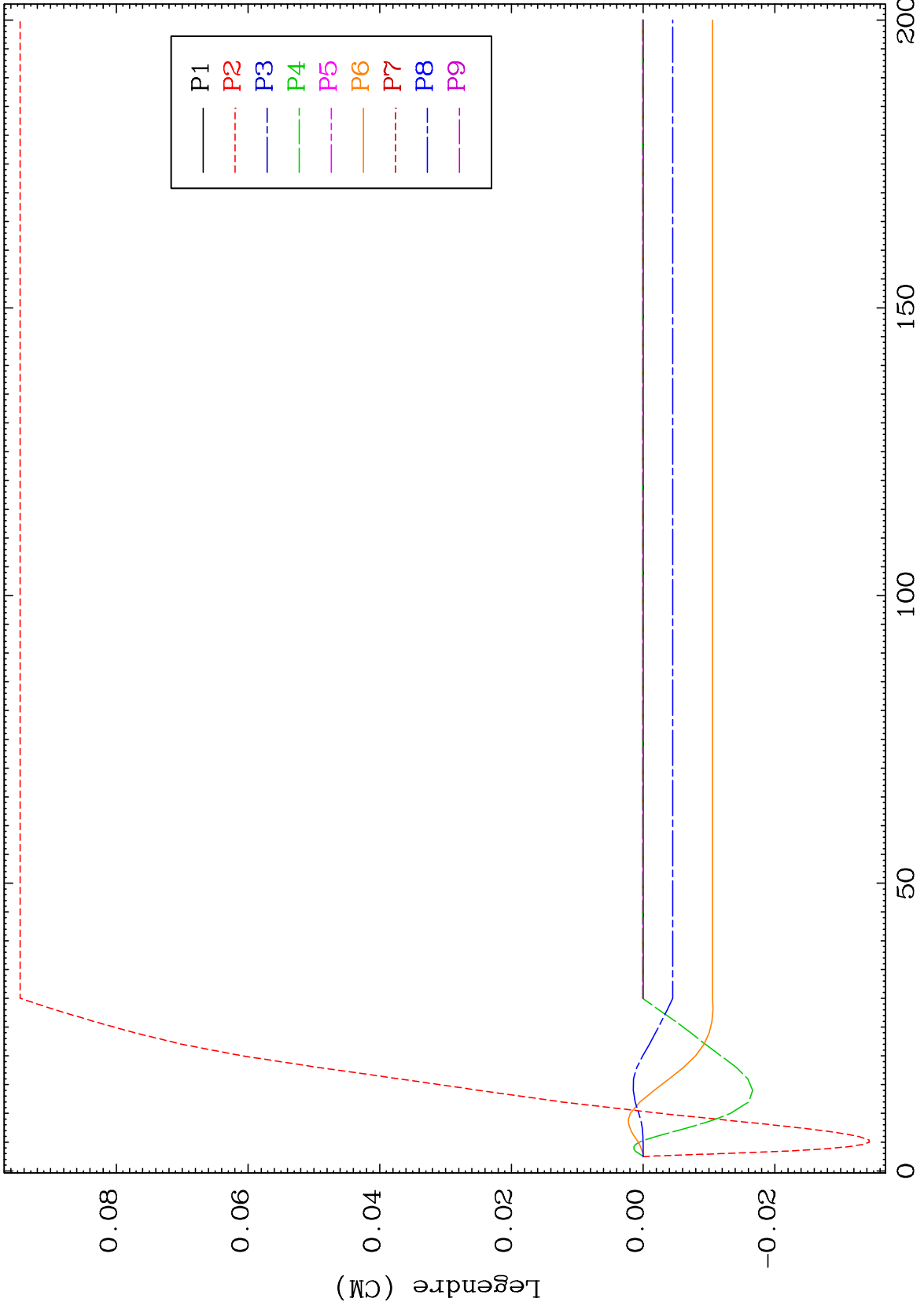
MAT 5255 MT= 67 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255 MT= 67 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255 MT= 68 (n,n') Level Legendre Coefficients 52-Te-130

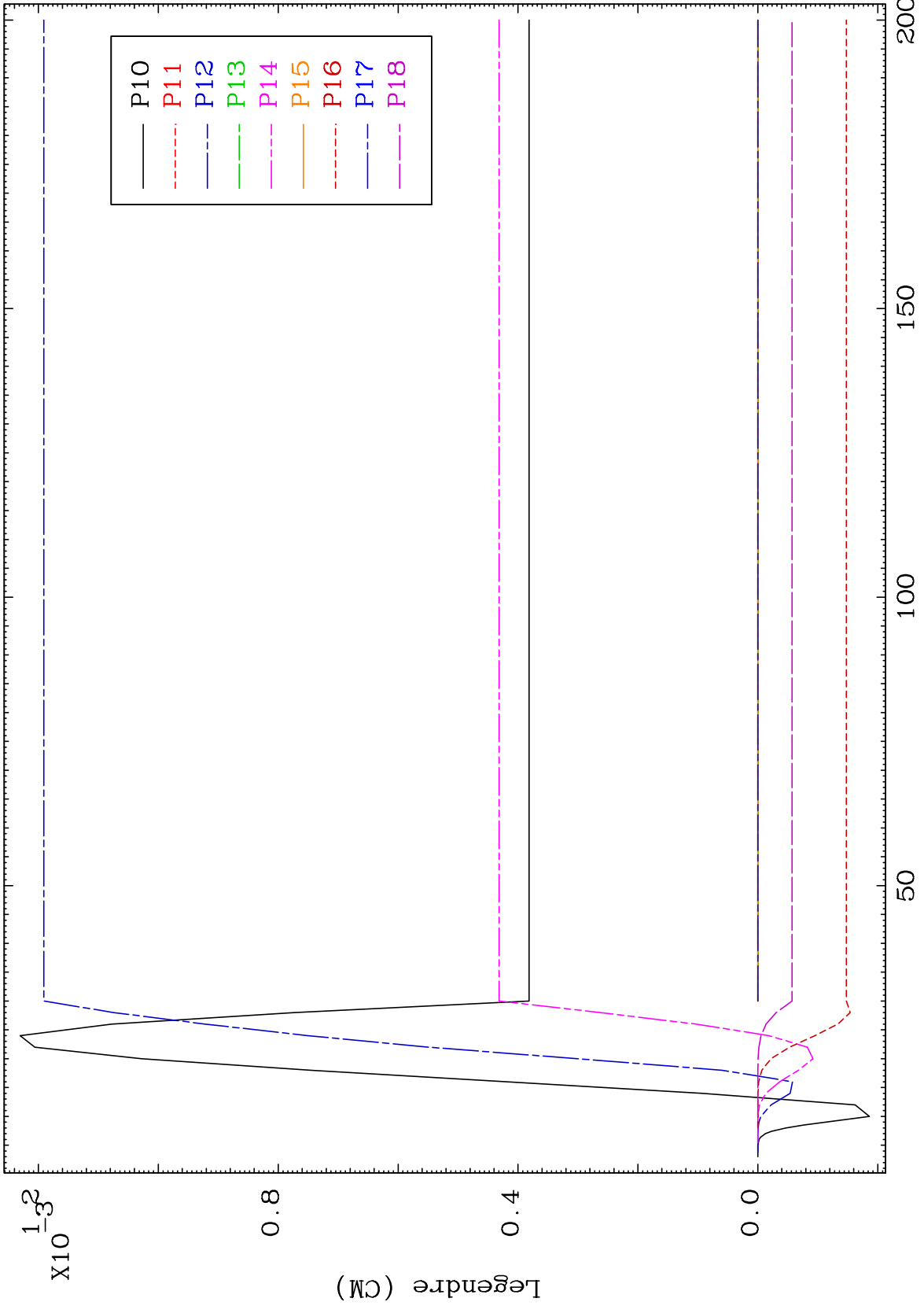


85 52-Te-130

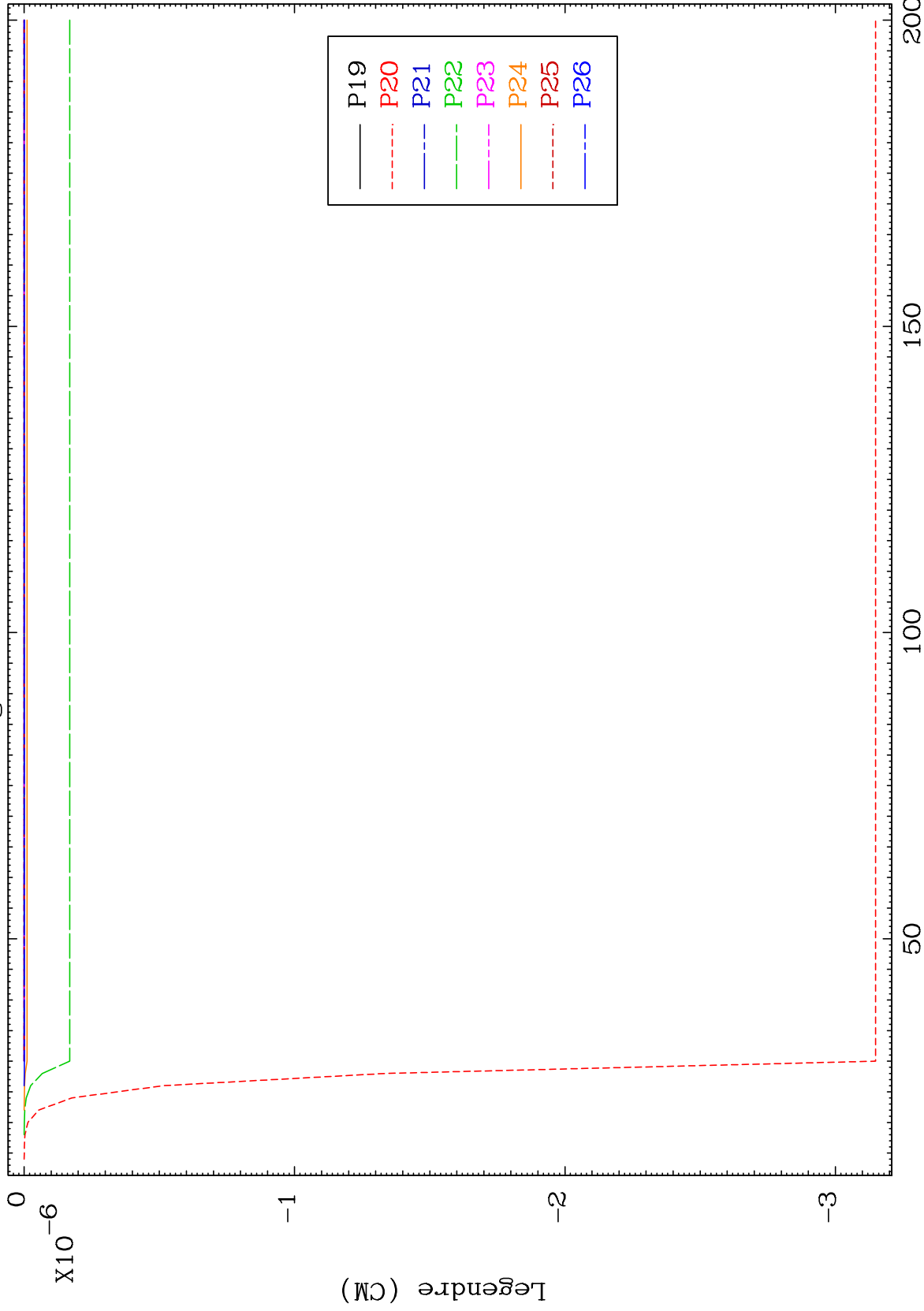
MAT 5255

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

52-Te-130



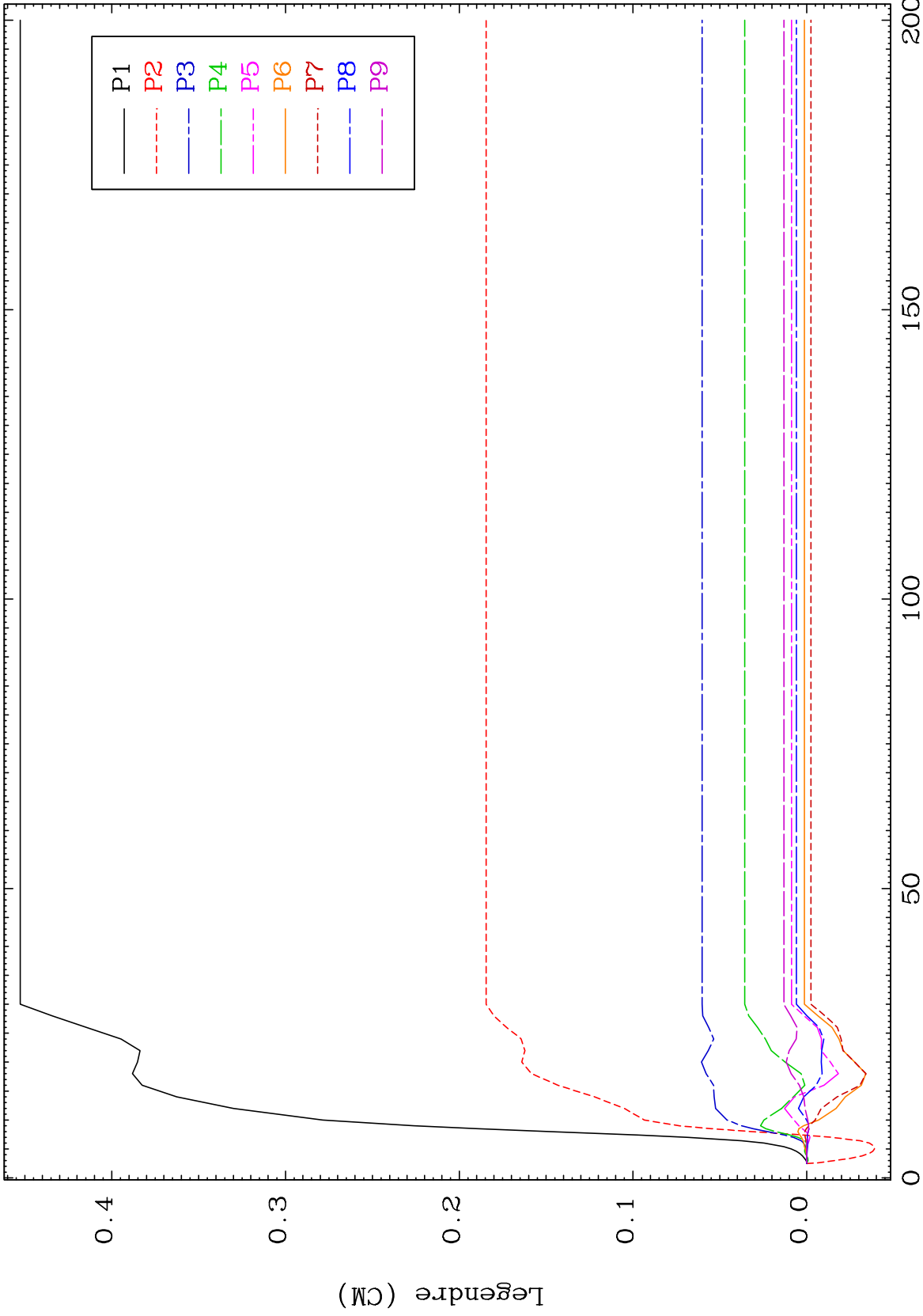
MAT 5255 MT= 68 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255

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

52-Te-130



88

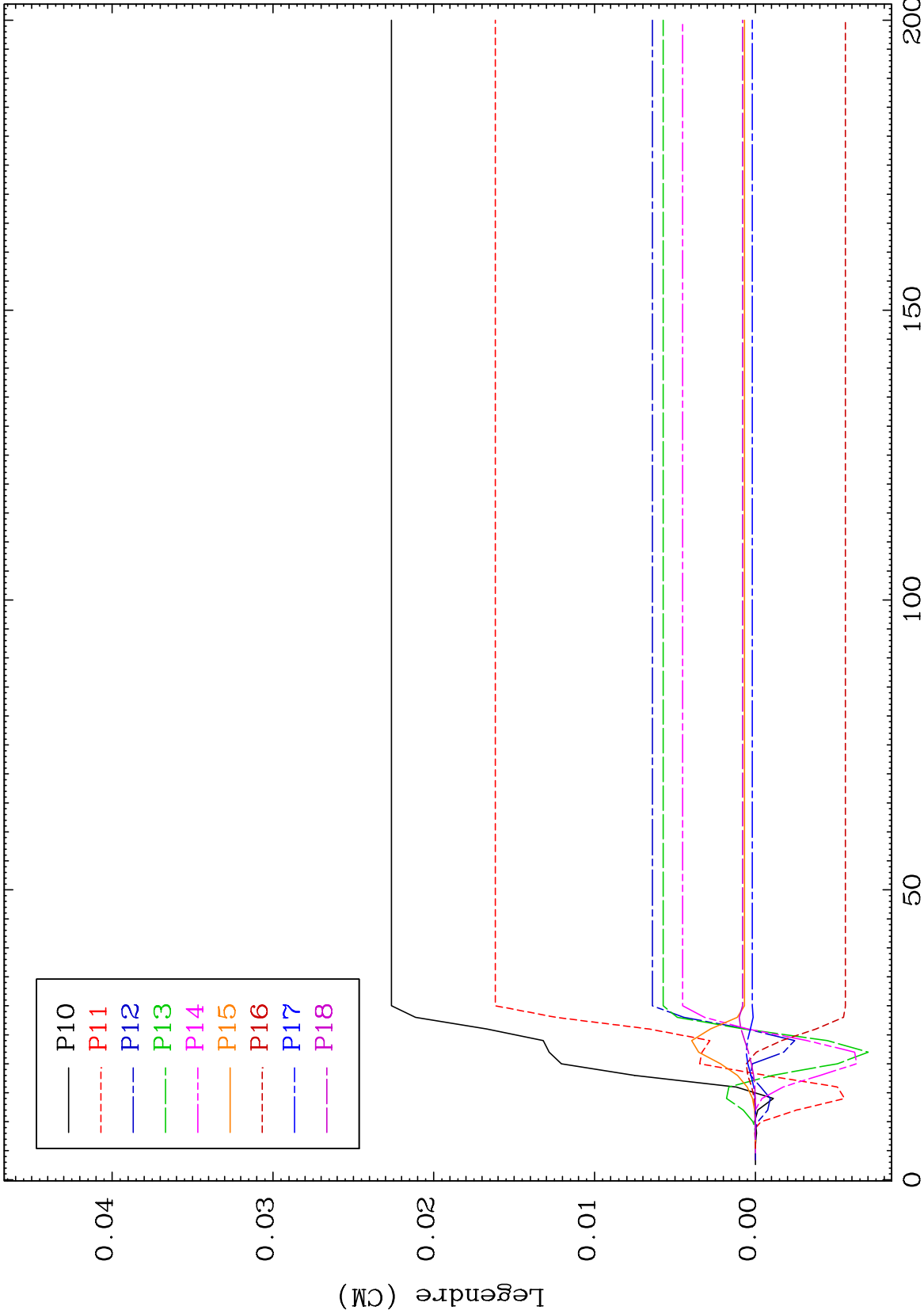
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130

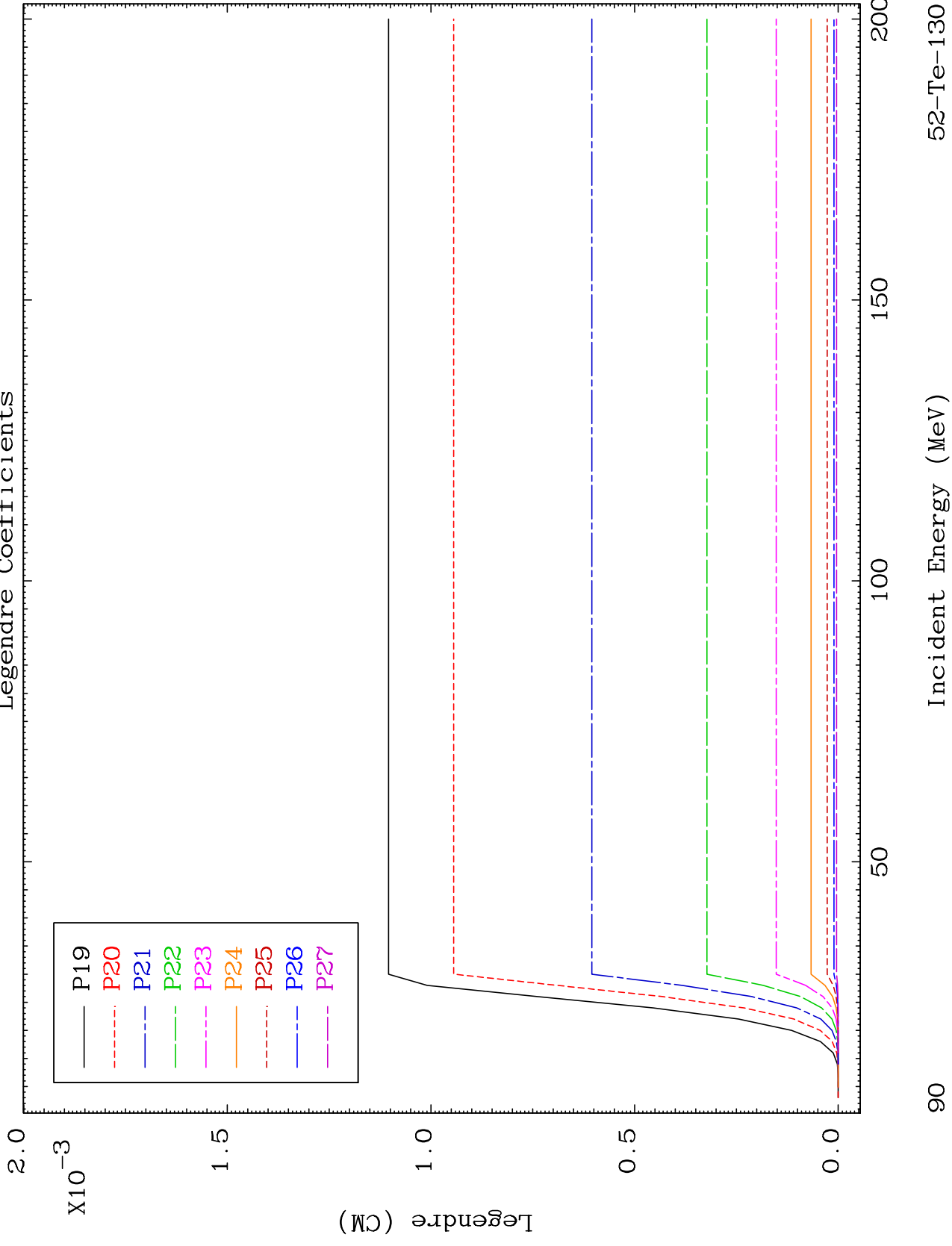


89

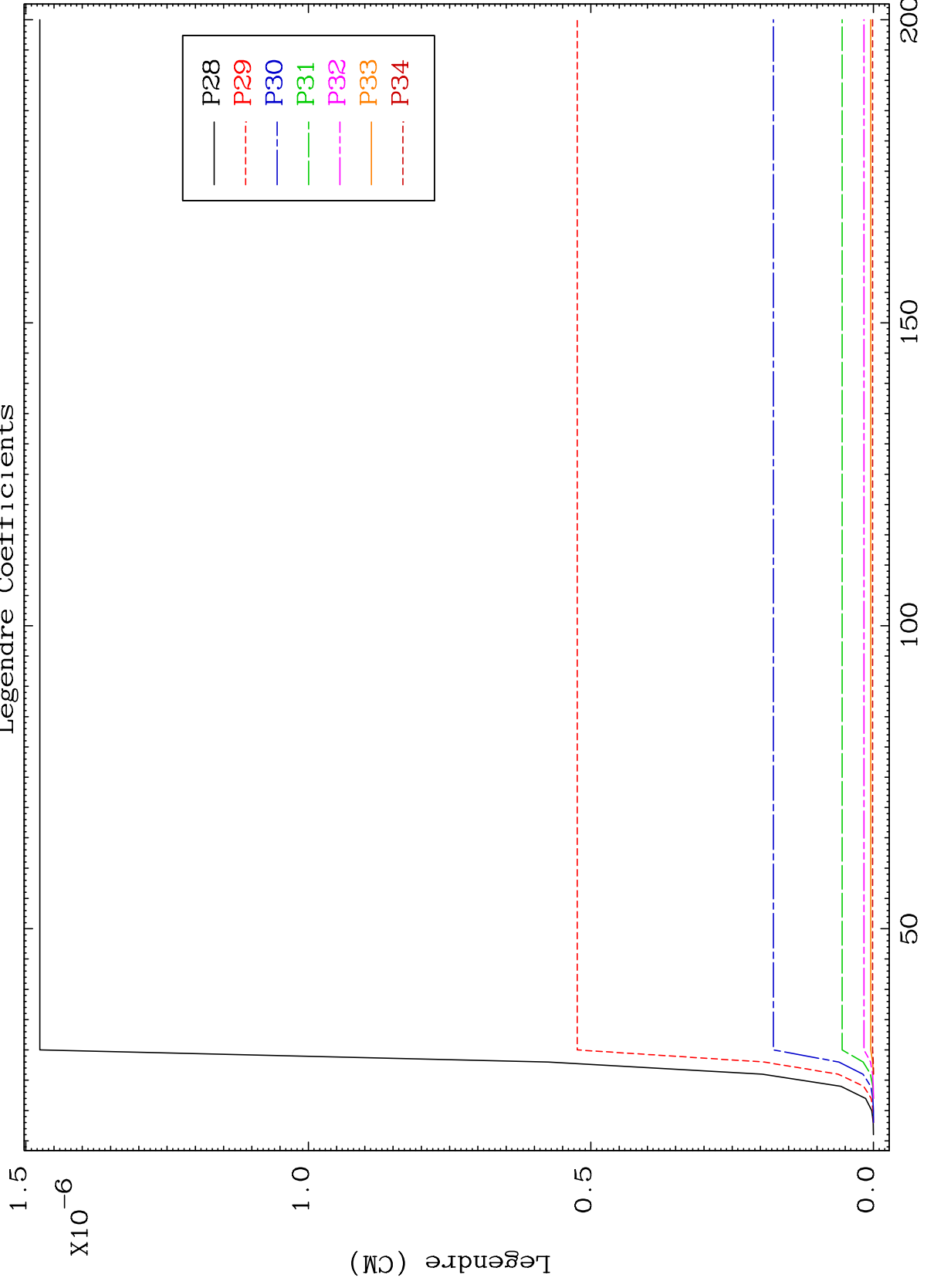
Incident Energy (MeV)

52-Te-130

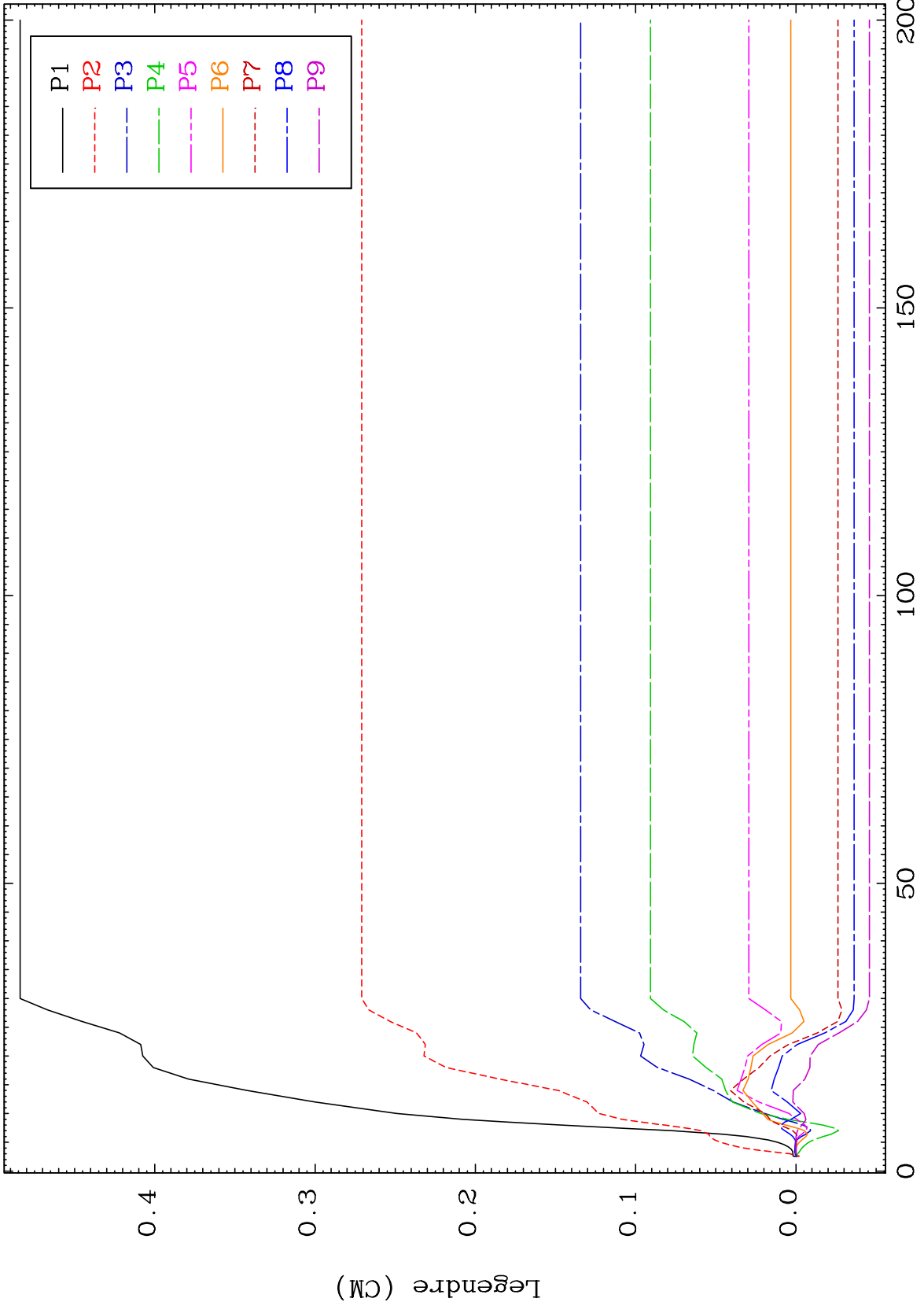
MAT 5255 MT= 69 (n,n') Level Legendre Coefficients 52-Te-130



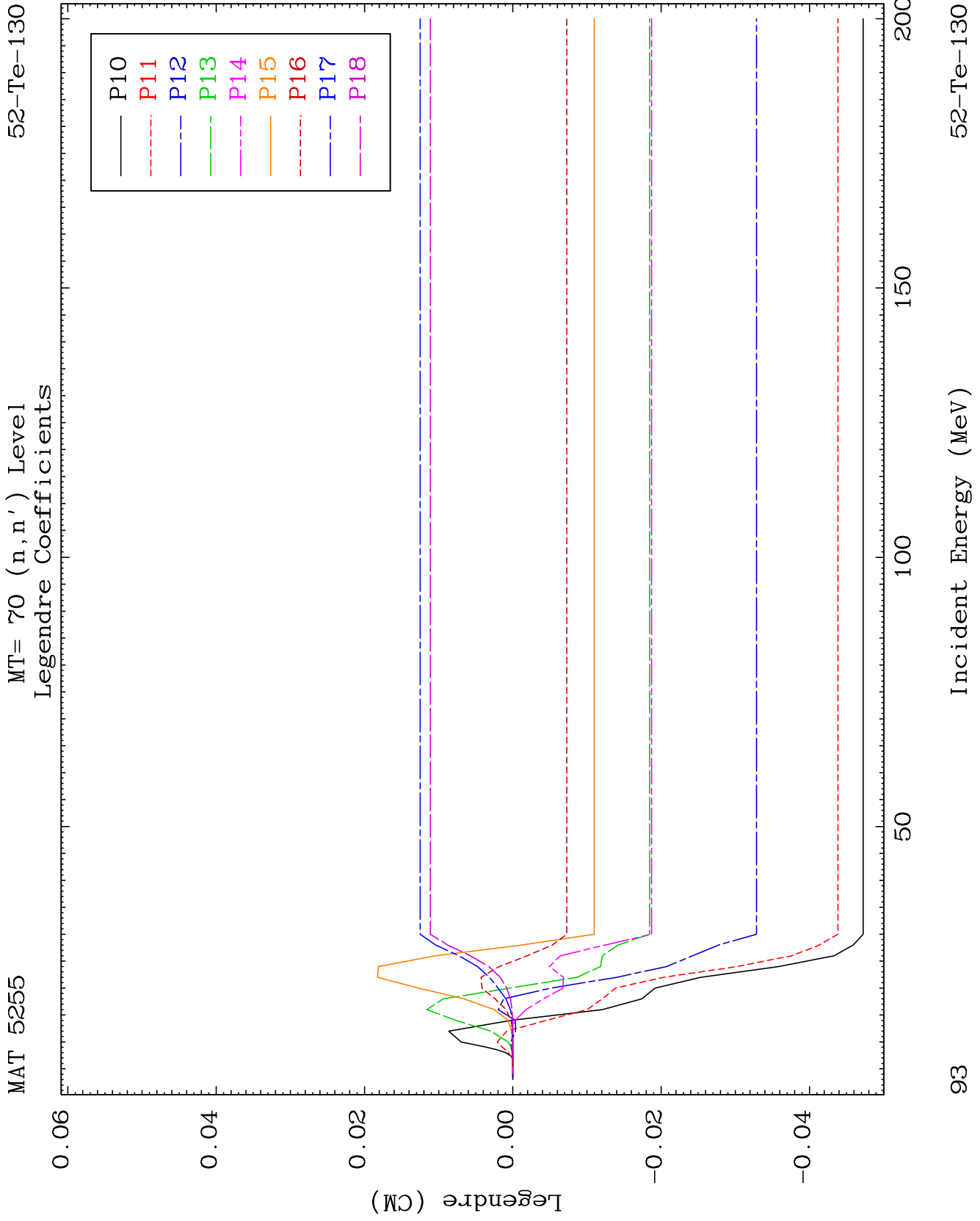
MAT 5255 MT= 69 (n,n') Level Legendre Coefficients 52-Te-130



MAT 5255 MT= 70 (n,n') Level Legendre Coefficients 52-Te-130



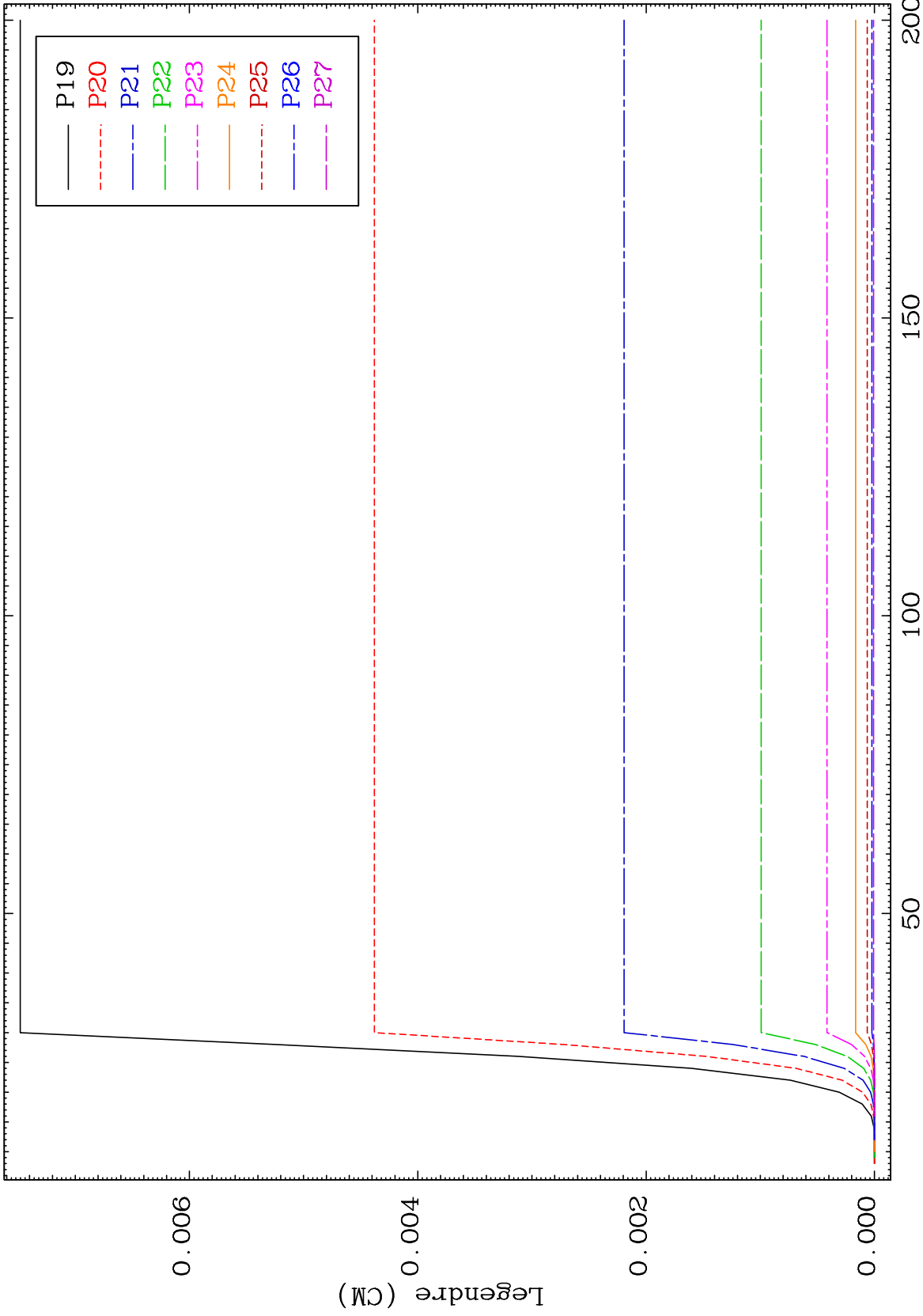
92 52-Te-130



MAT 5255

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

52-Te-130

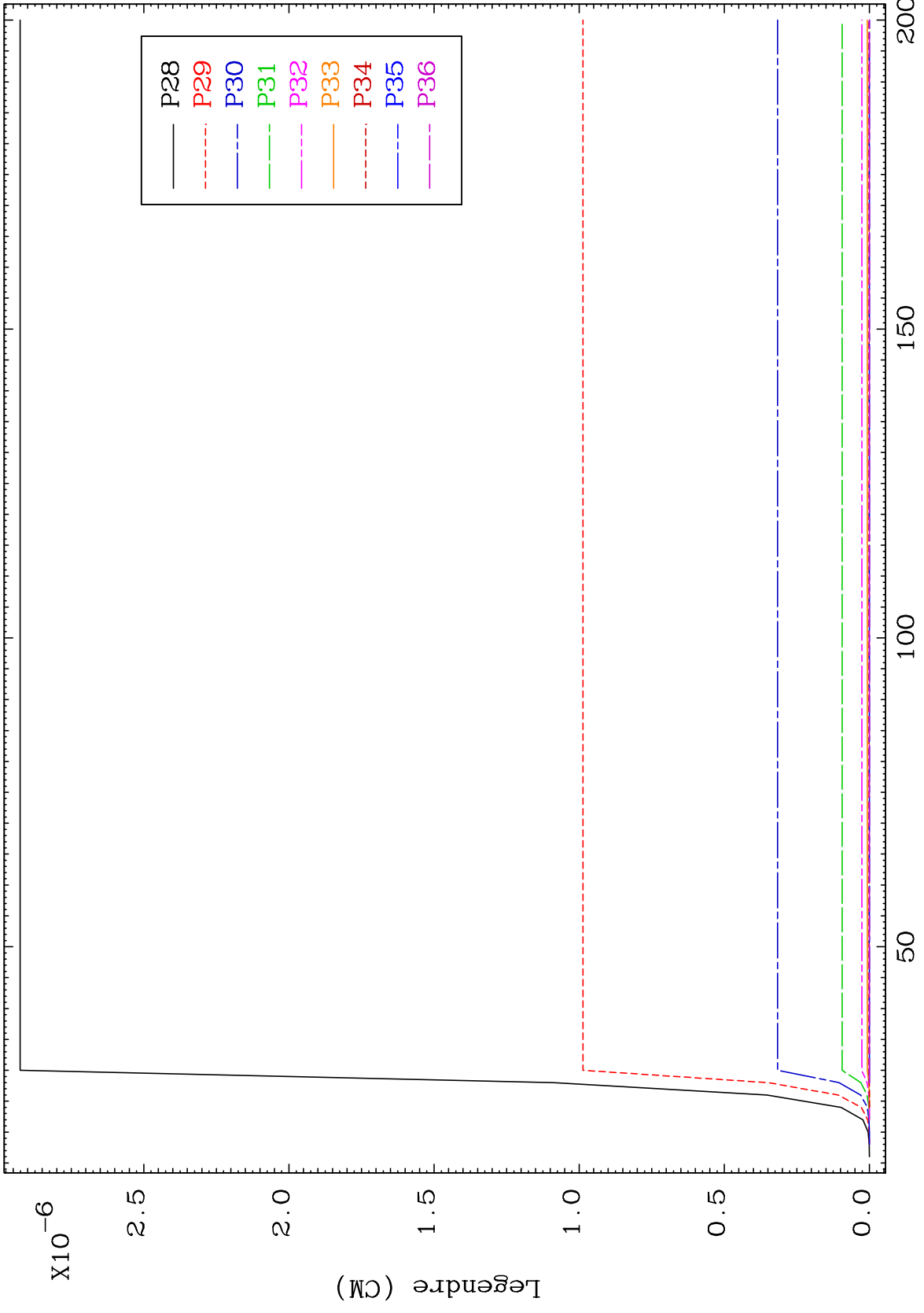


94

Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 70 (n,n') Level Legendre Coefficients 52-Te-130

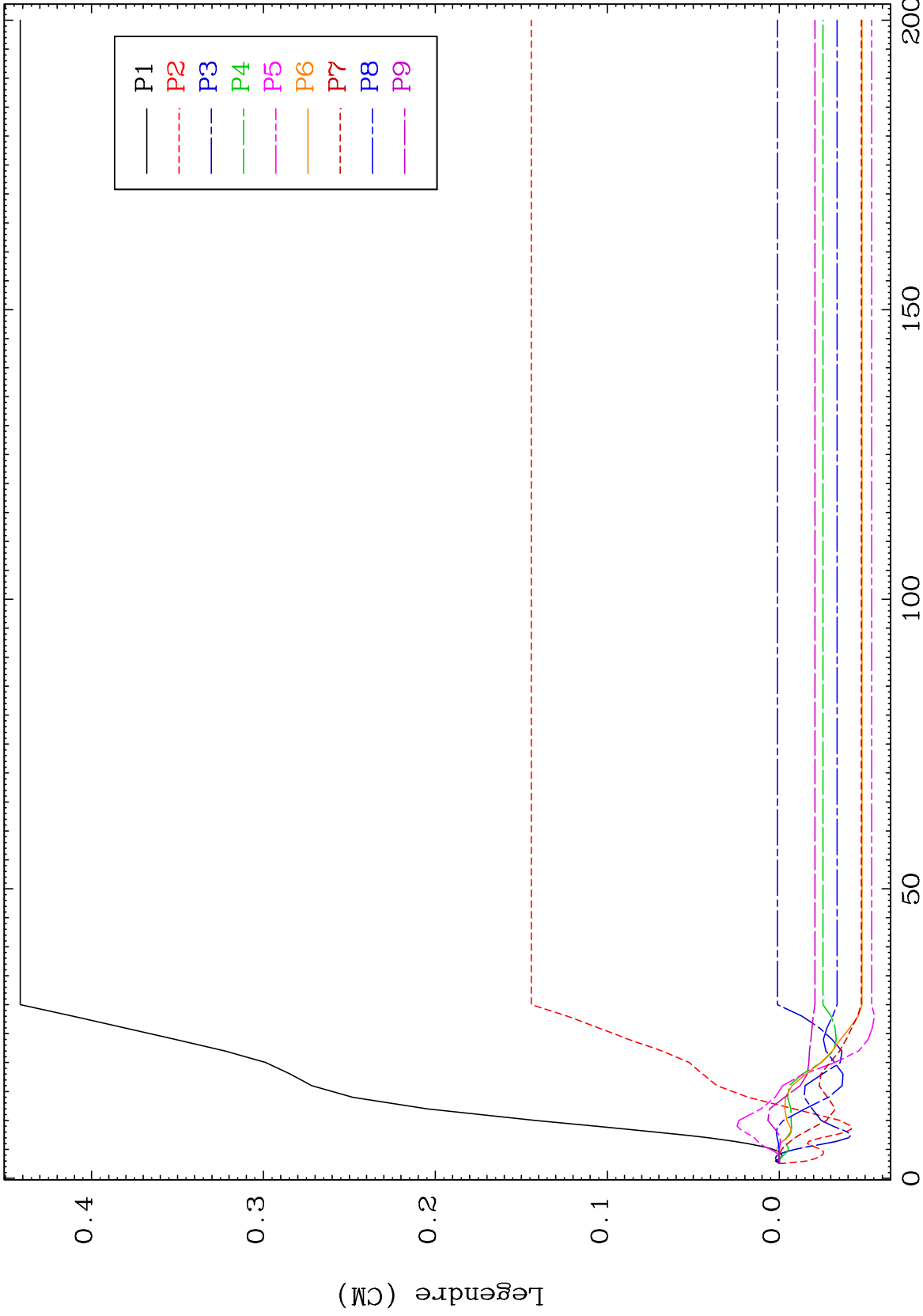


95 52-Te-130

MAT 5255

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

52-Te-130

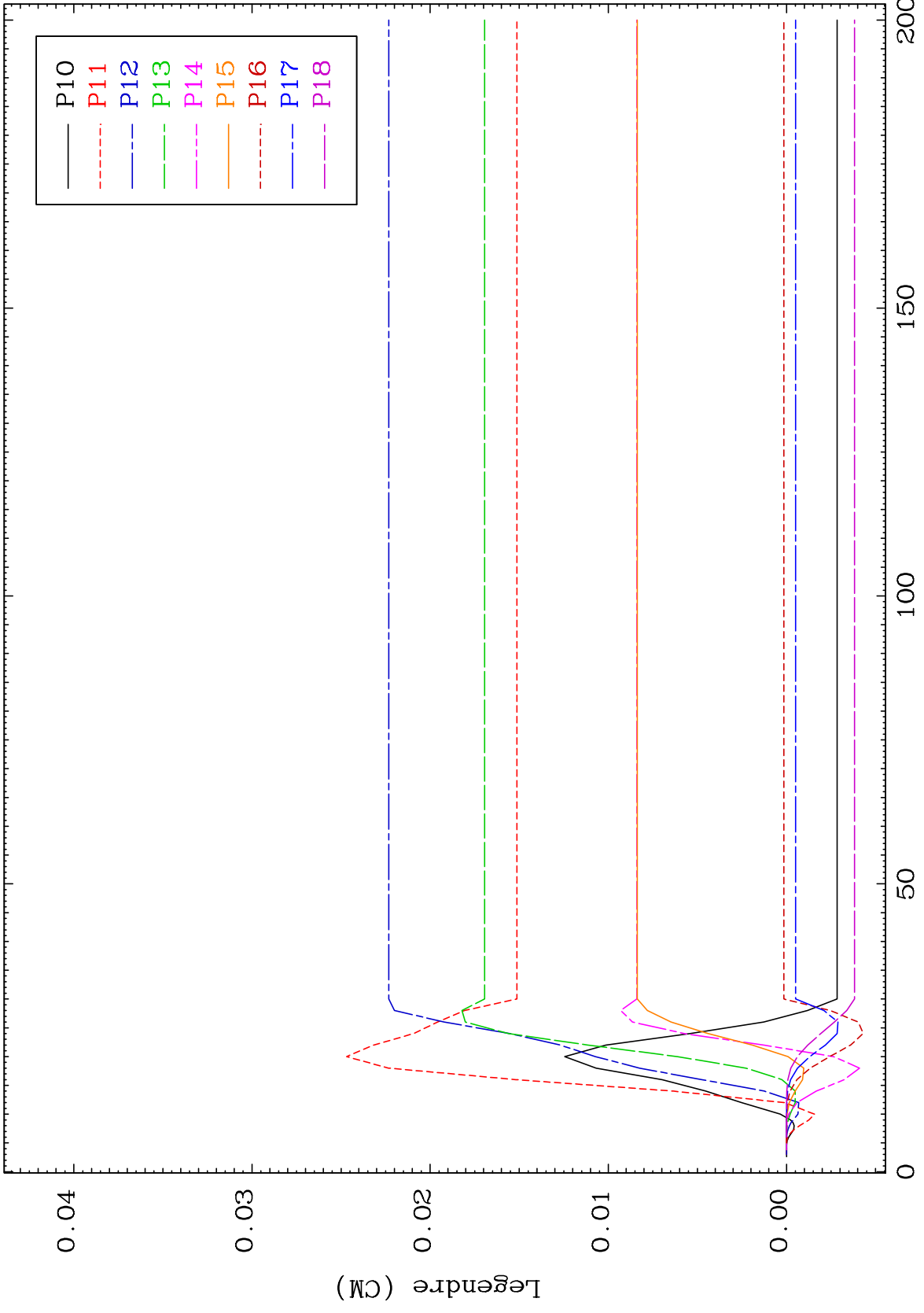


96

Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 71 (n,n') Level Legendre Coefficients 52-Te-130

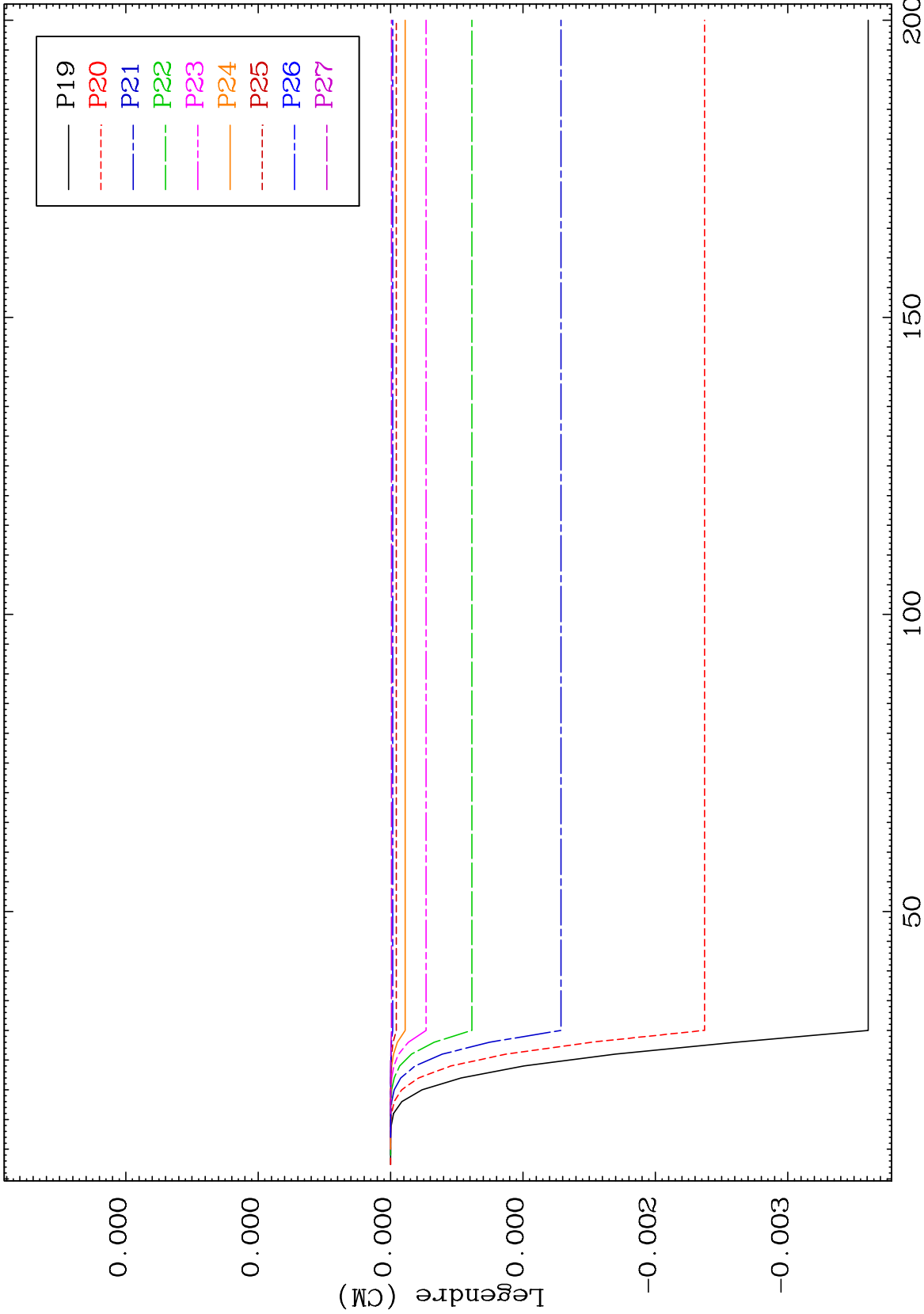


97 52-Te-130

MAT 5255

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

52-Te-130

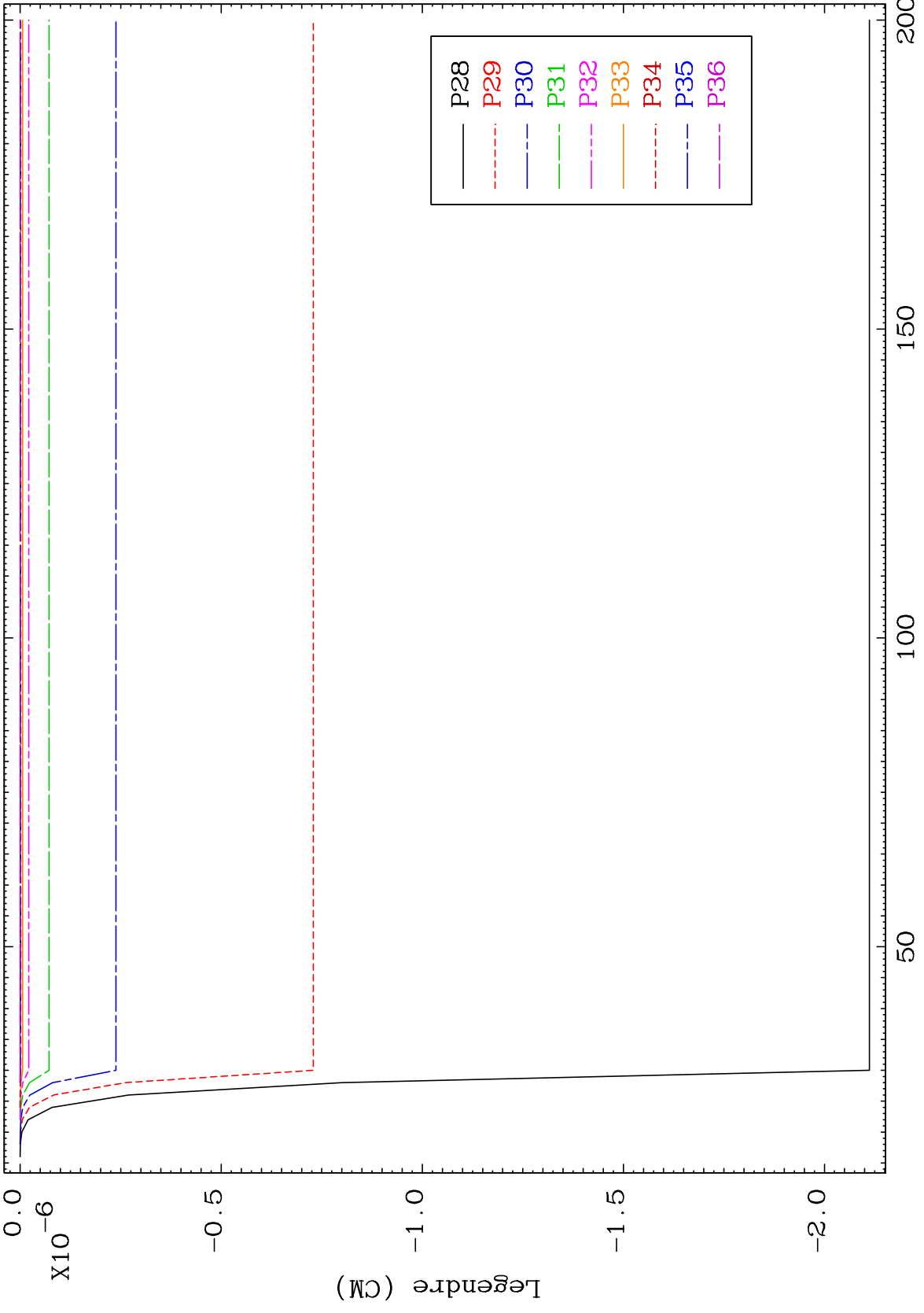


98

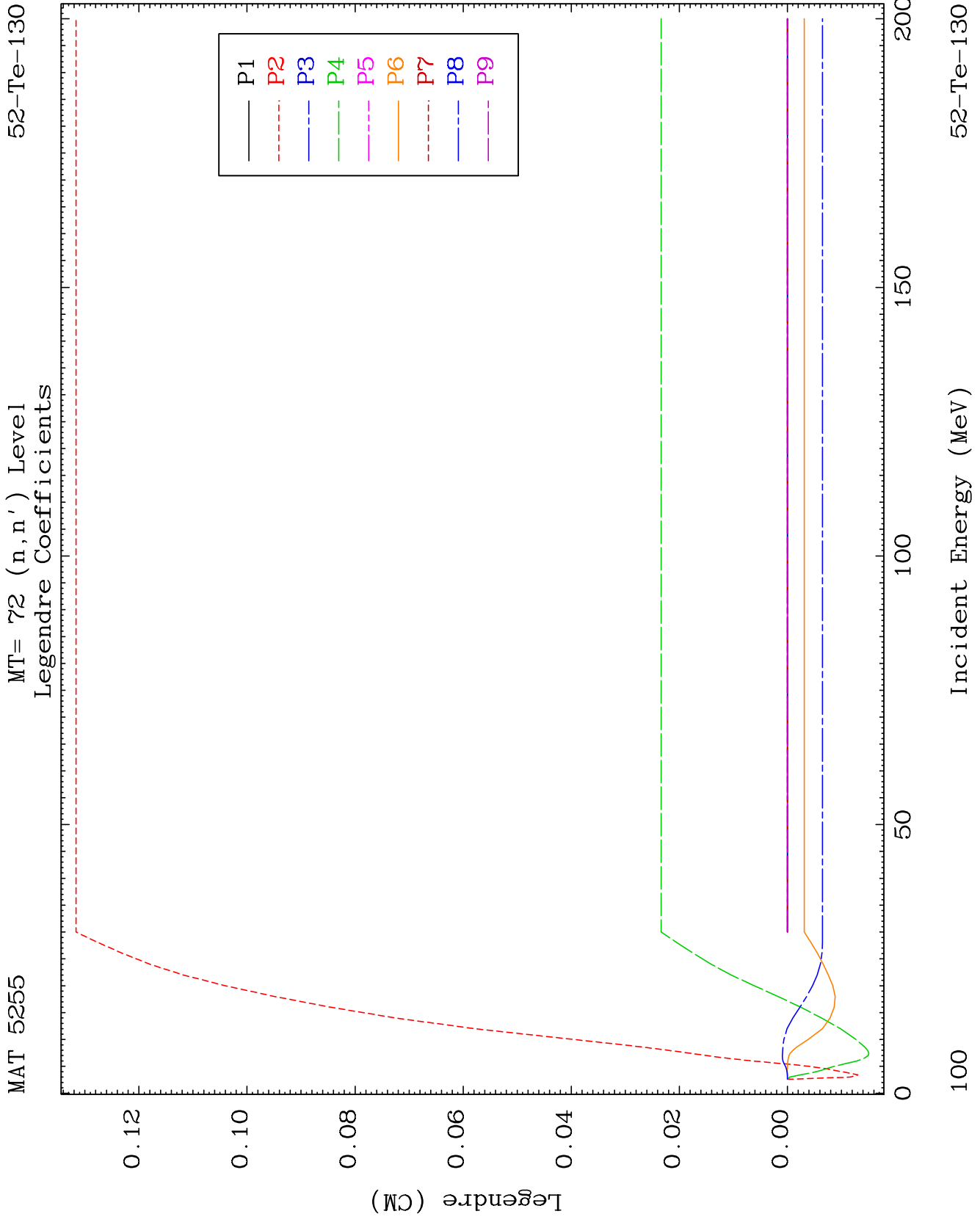
Incident Energy (MeV)

52-Te-130

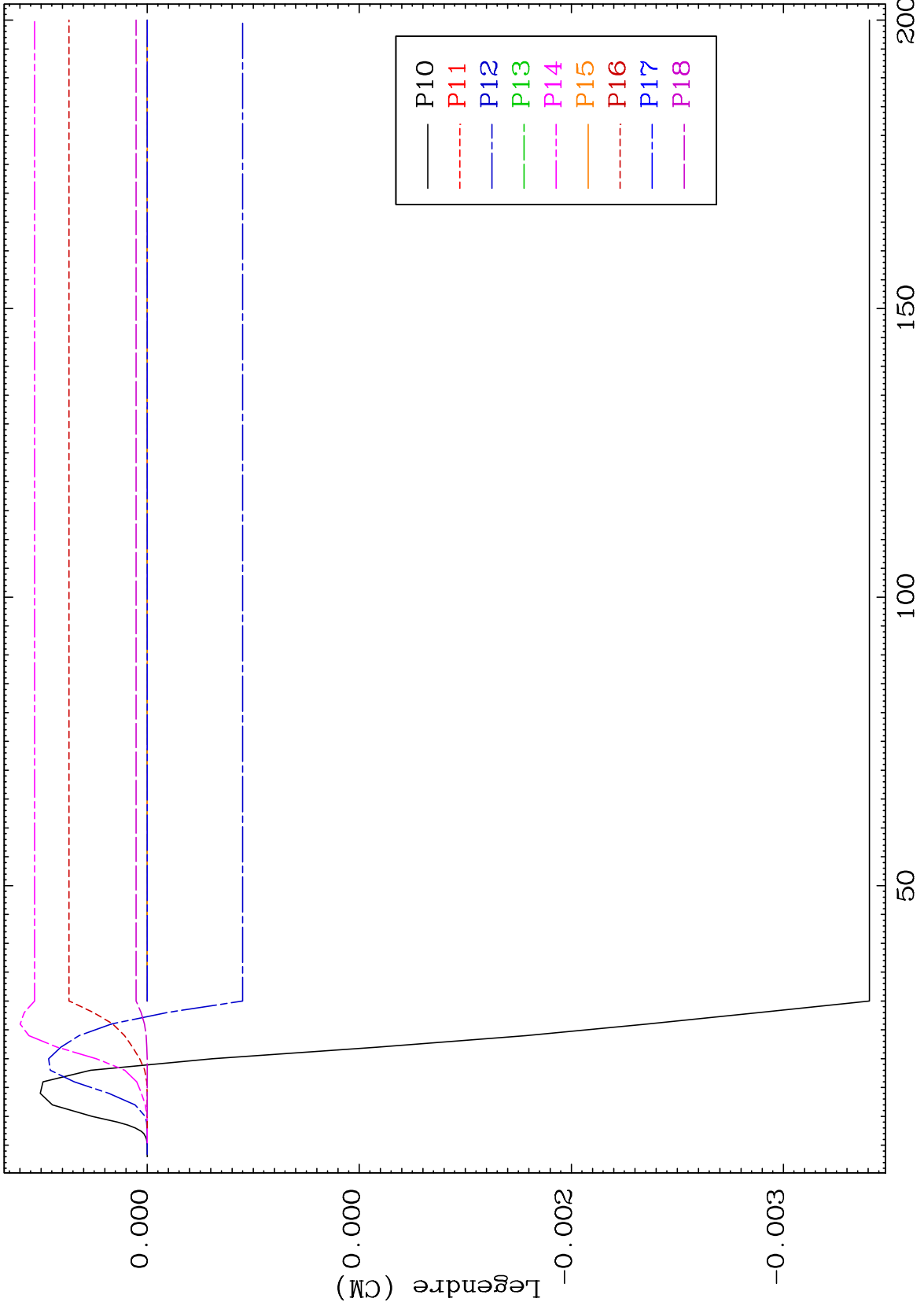
MAT 5255 MT= 71 (n,n') Level Legendre Coefficients 52-Te-130



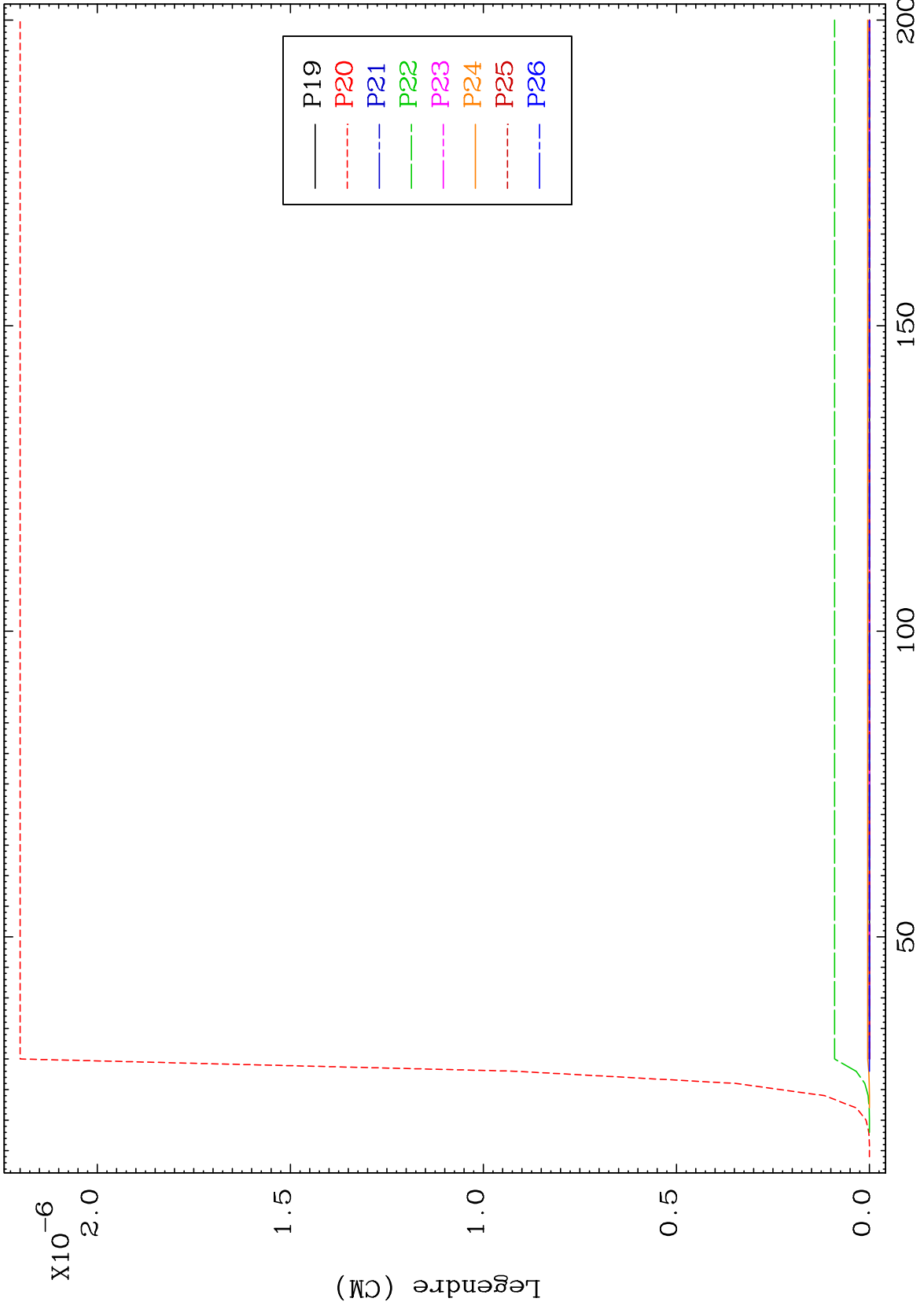
99 52-Te-130



MAT 5255 MT= 72 (n,n') Level Legendre Coefficients 52-Te-130

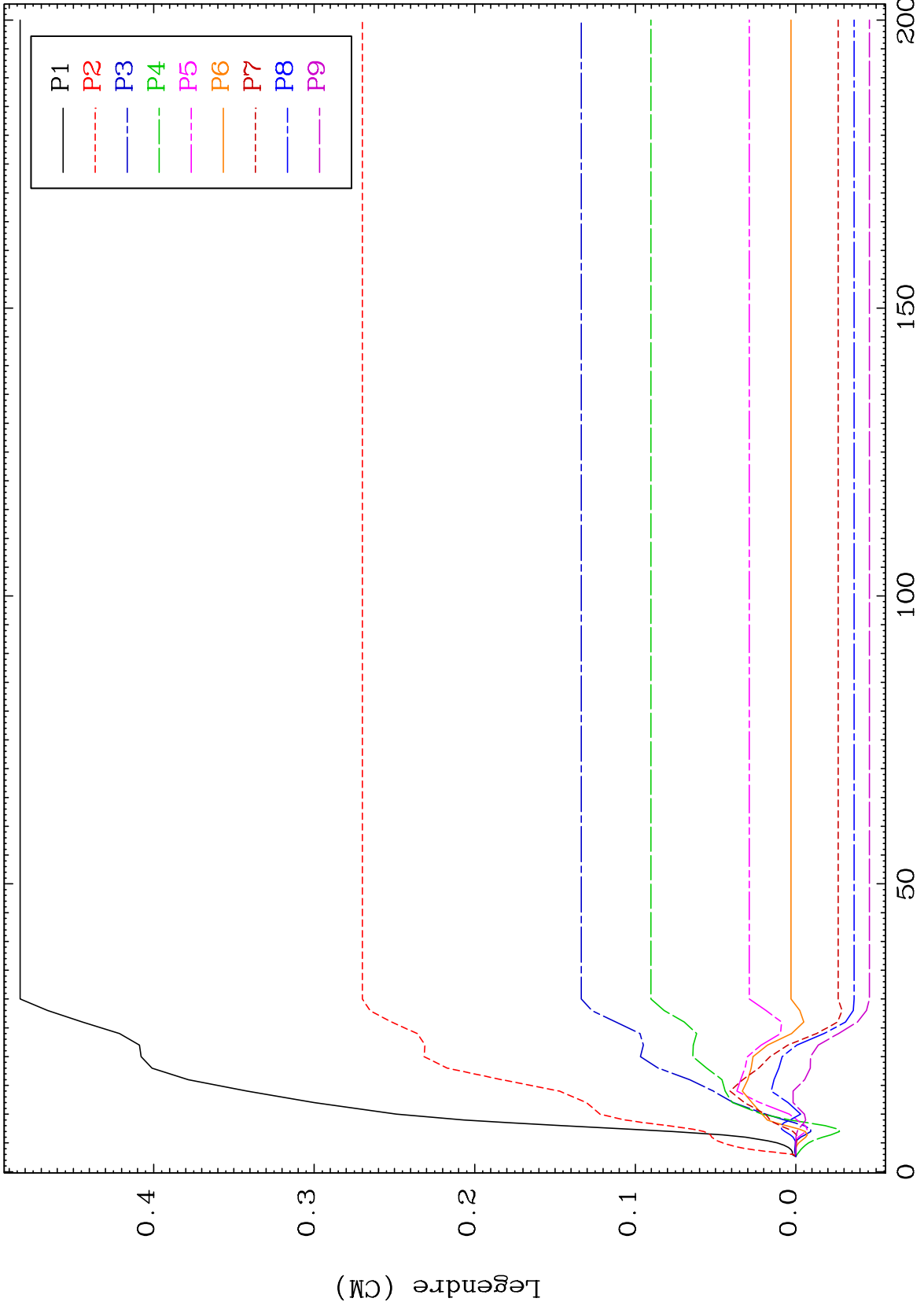


MAT 5255 MT= 72 (n,n') Level Legendre Coefficients 52-Te-130

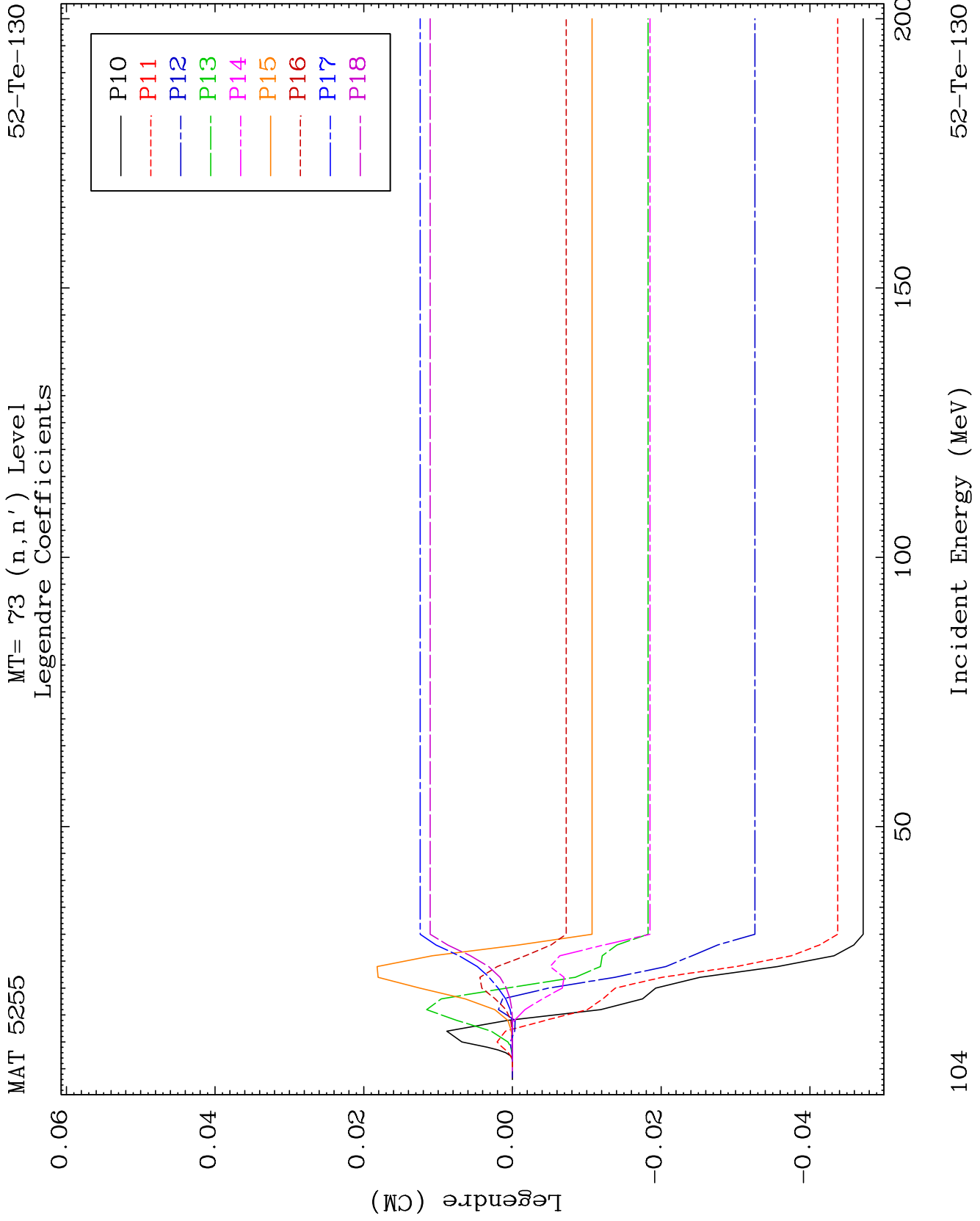


102 50 150 200 52-Te-130

MAT 5255 MT= 73 (n,n') Level Legendre Coefficients 52-Te-130



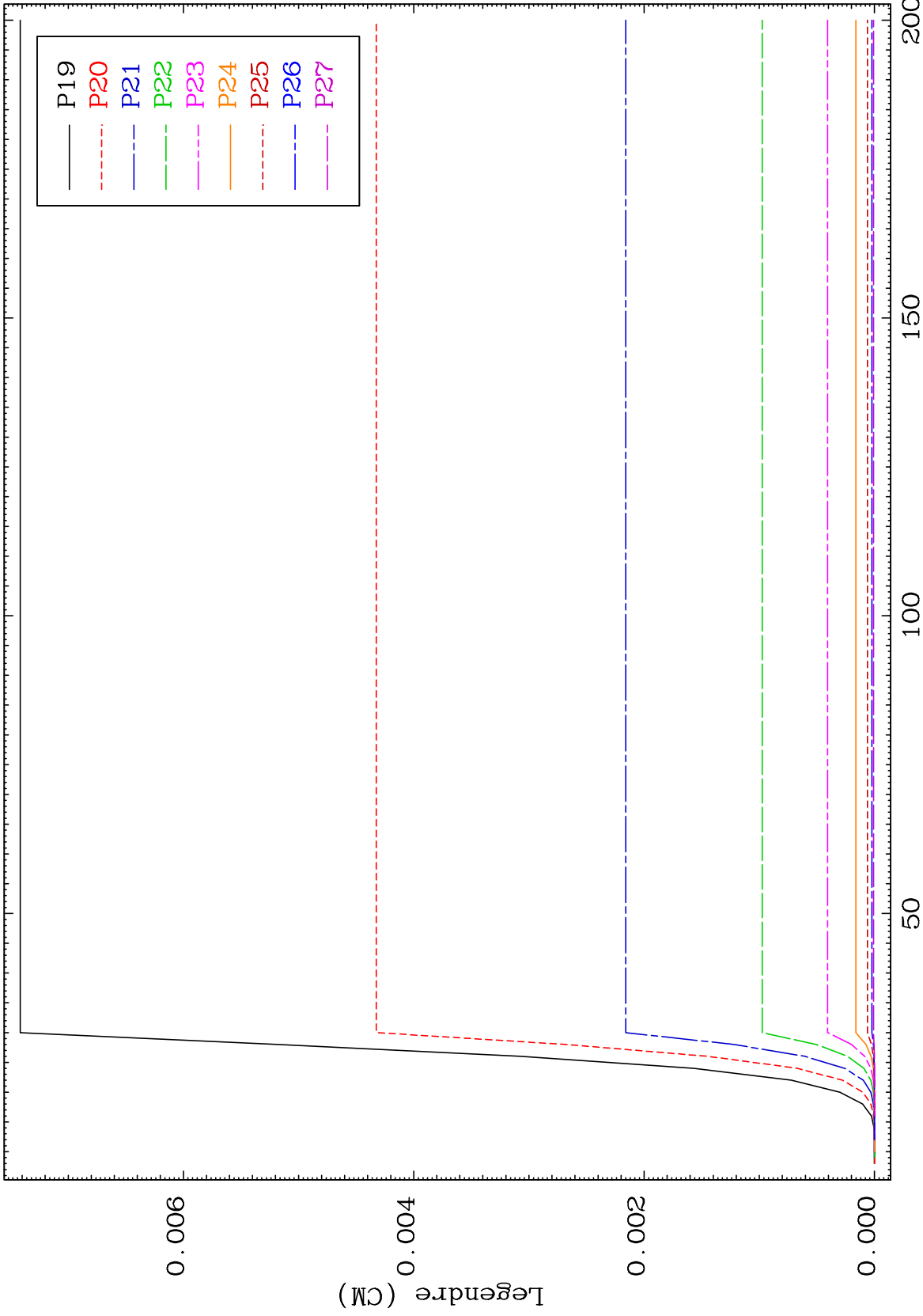
103 52-Te-130



MAT 5255

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

52-Te-130



105

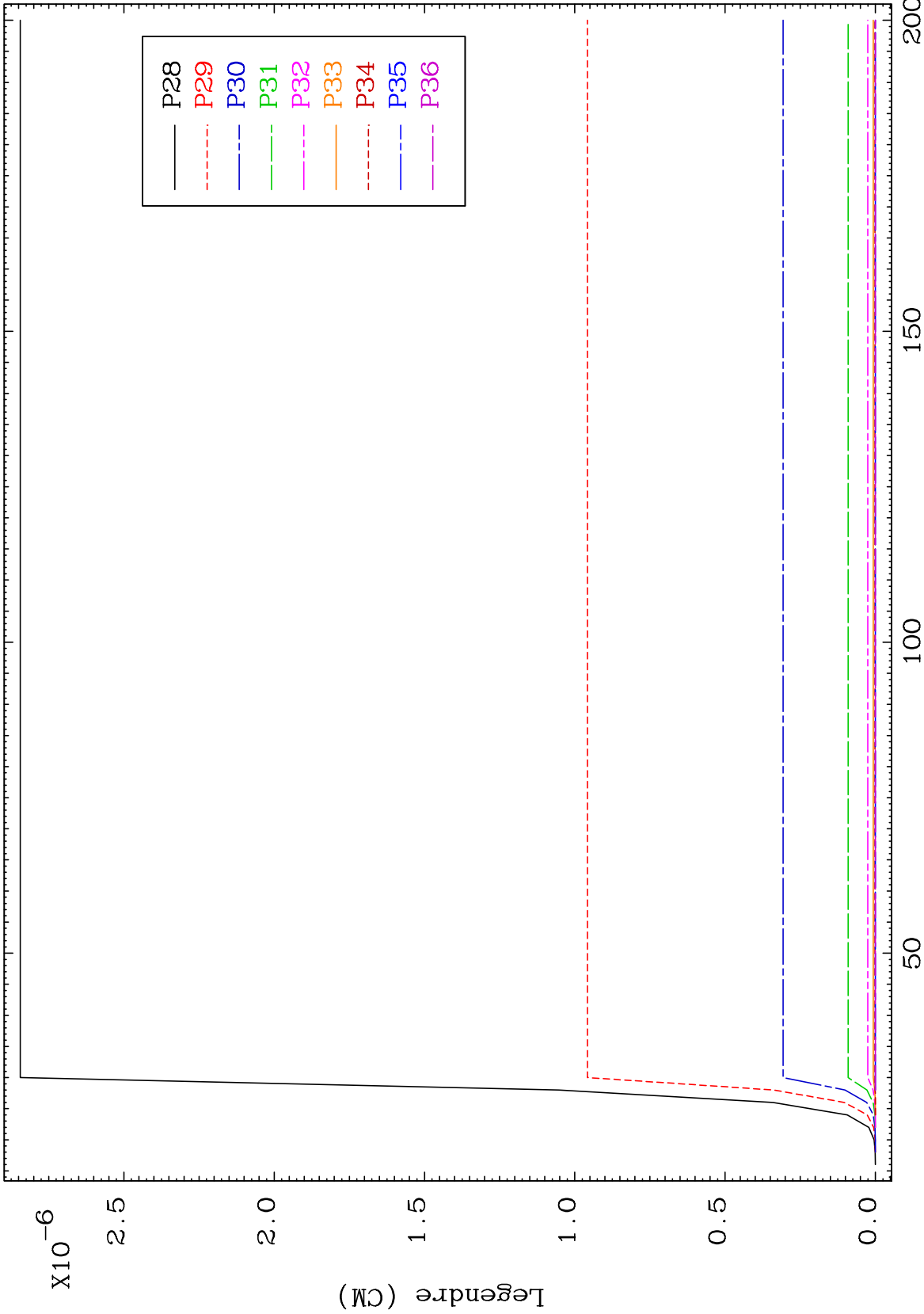
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130

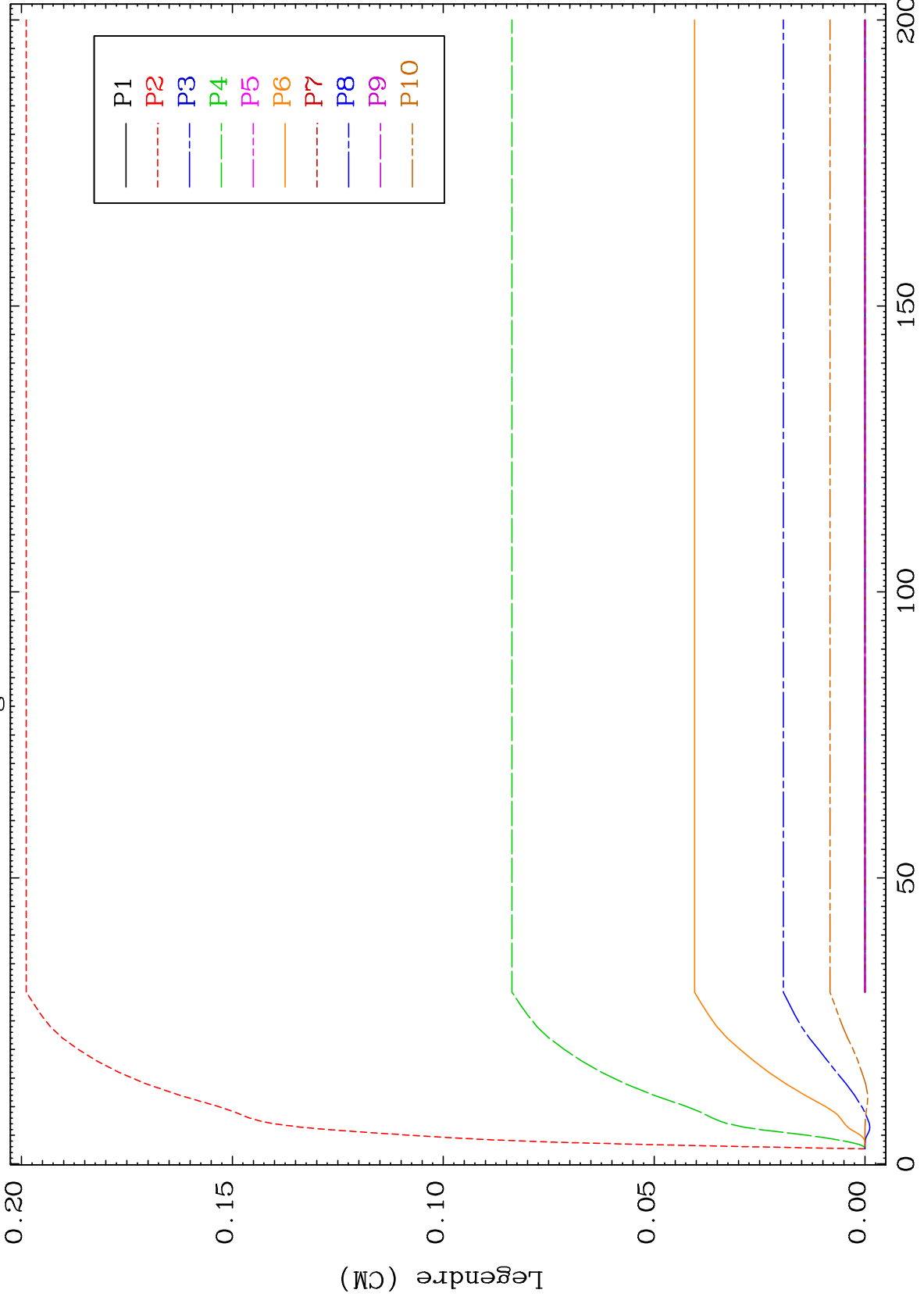


106

Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 74 (n,n') Level Legendre Coefficients 52-Te-130

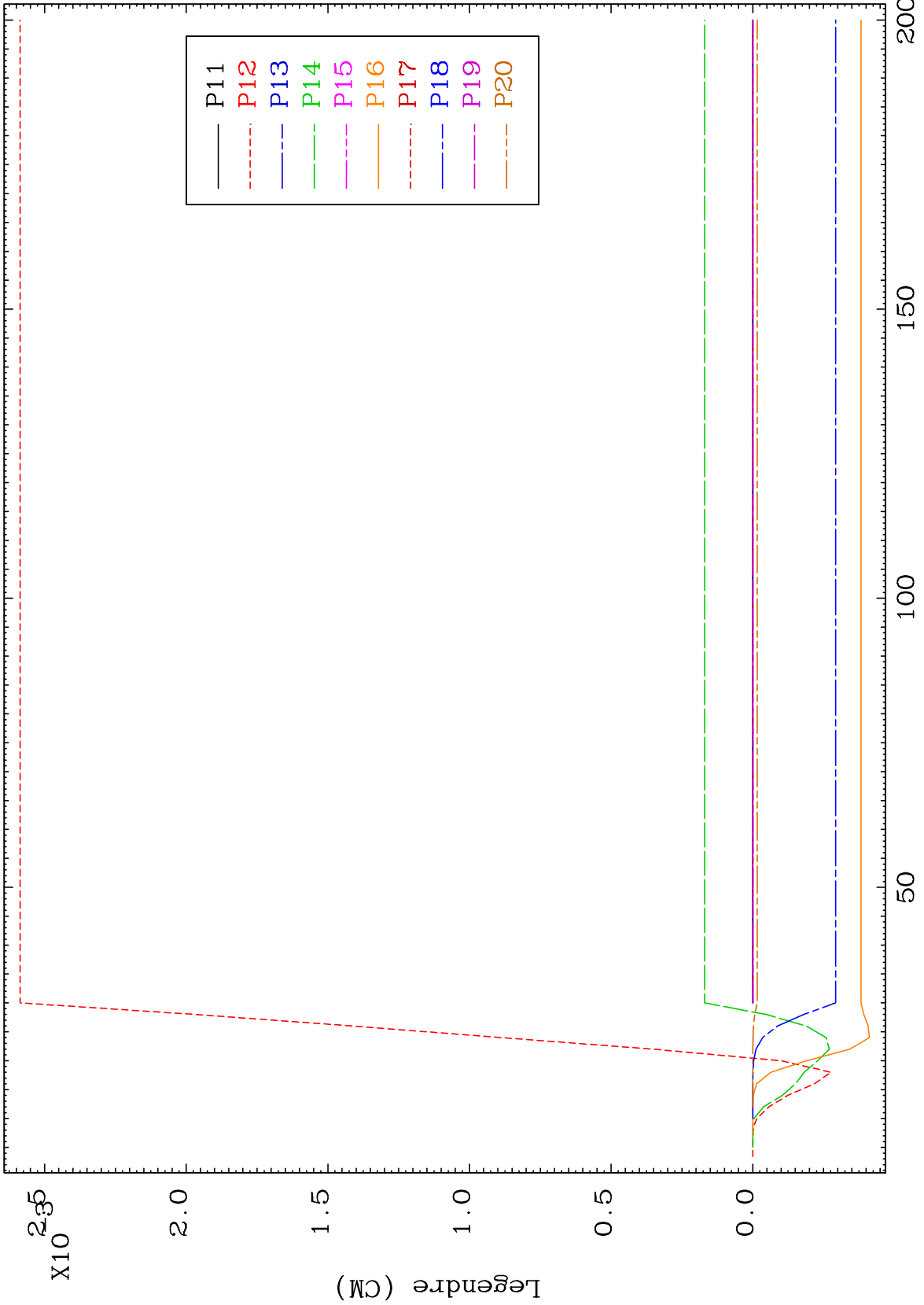


107 Incident Energy (MeV) 52-Te-130

MAT 5255

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

52-Te-130

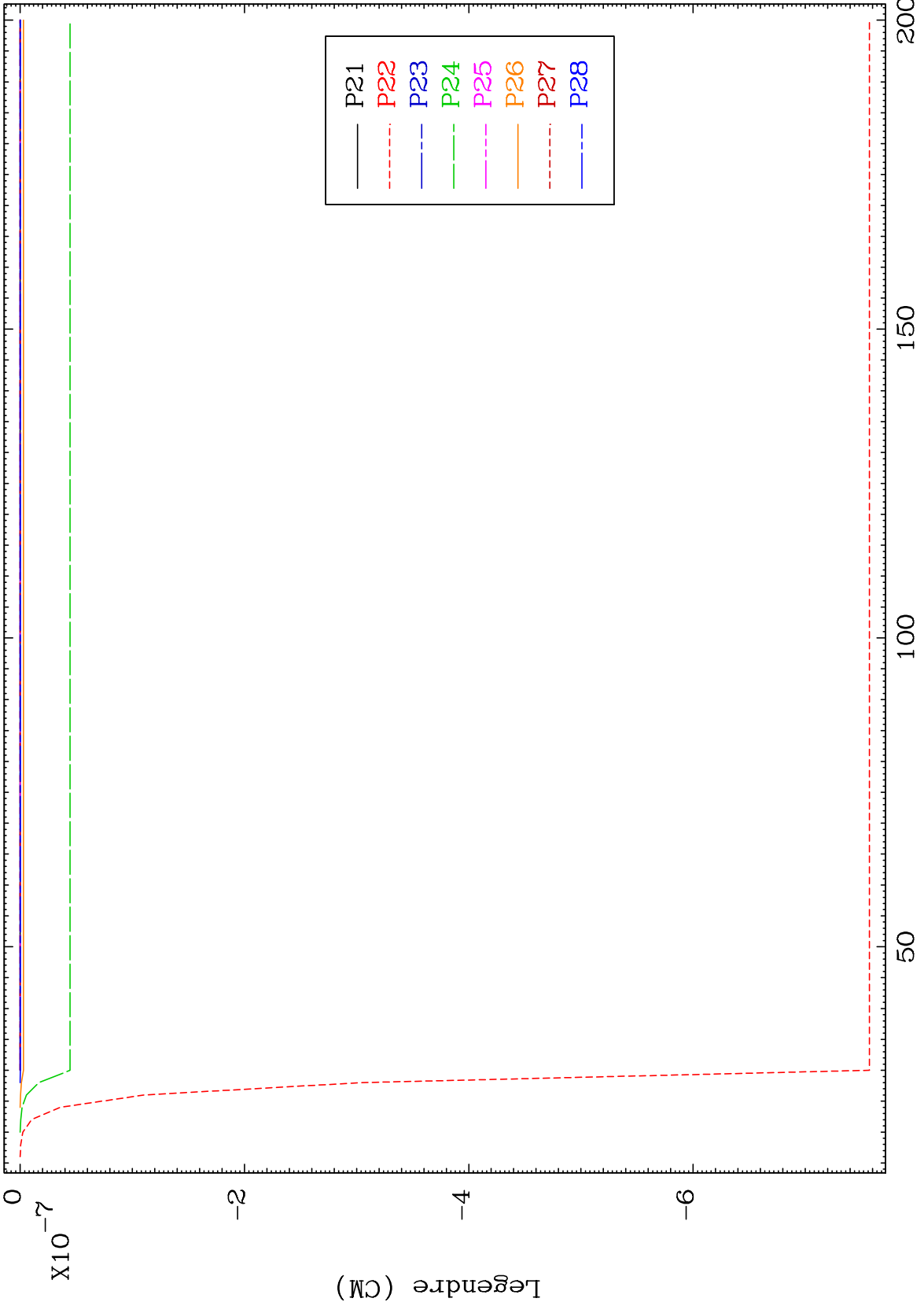


108

Incident Energy (MeV)

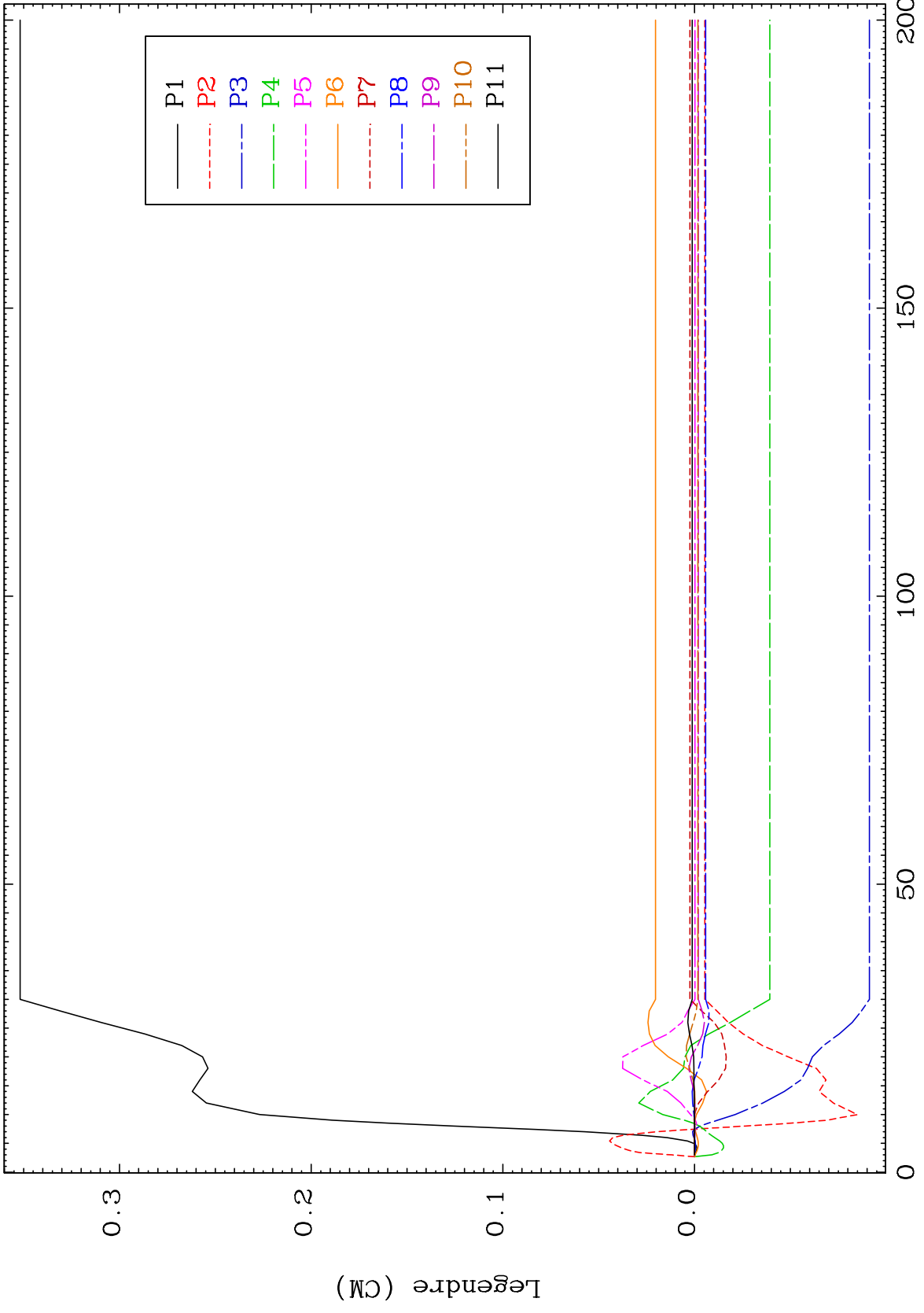
52-Te-130

MAT 5255 MT= 74 (n,n') Level Legendre Coefficients 52-Te-130



109 52-Te-130

MAT 5255 MT= 75 (n,n') Level Legendre Coefficients 52-Te-130

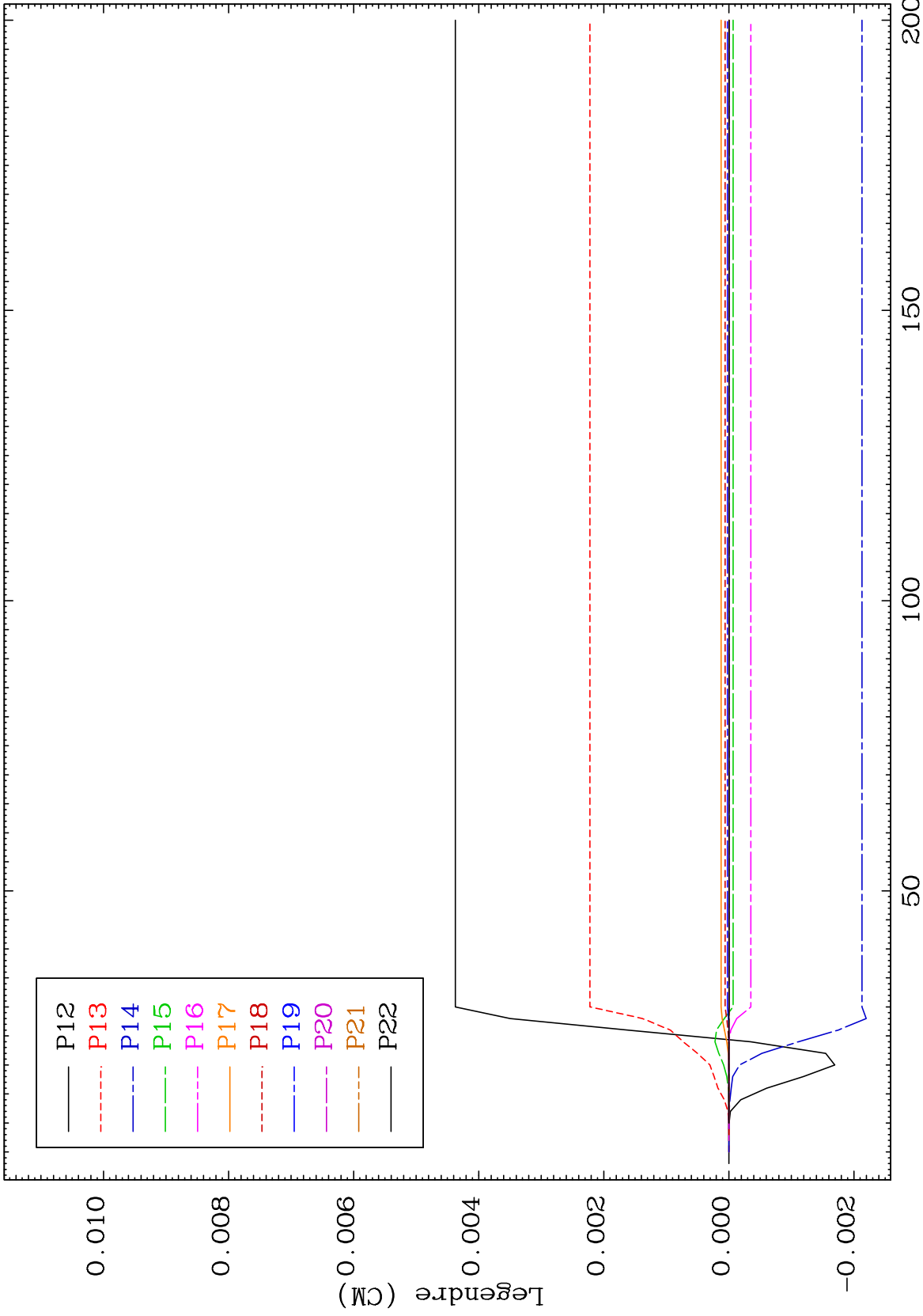


110 Incident Energy (MeV) 52-Te-130

MAT 5255

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

52-Te-130

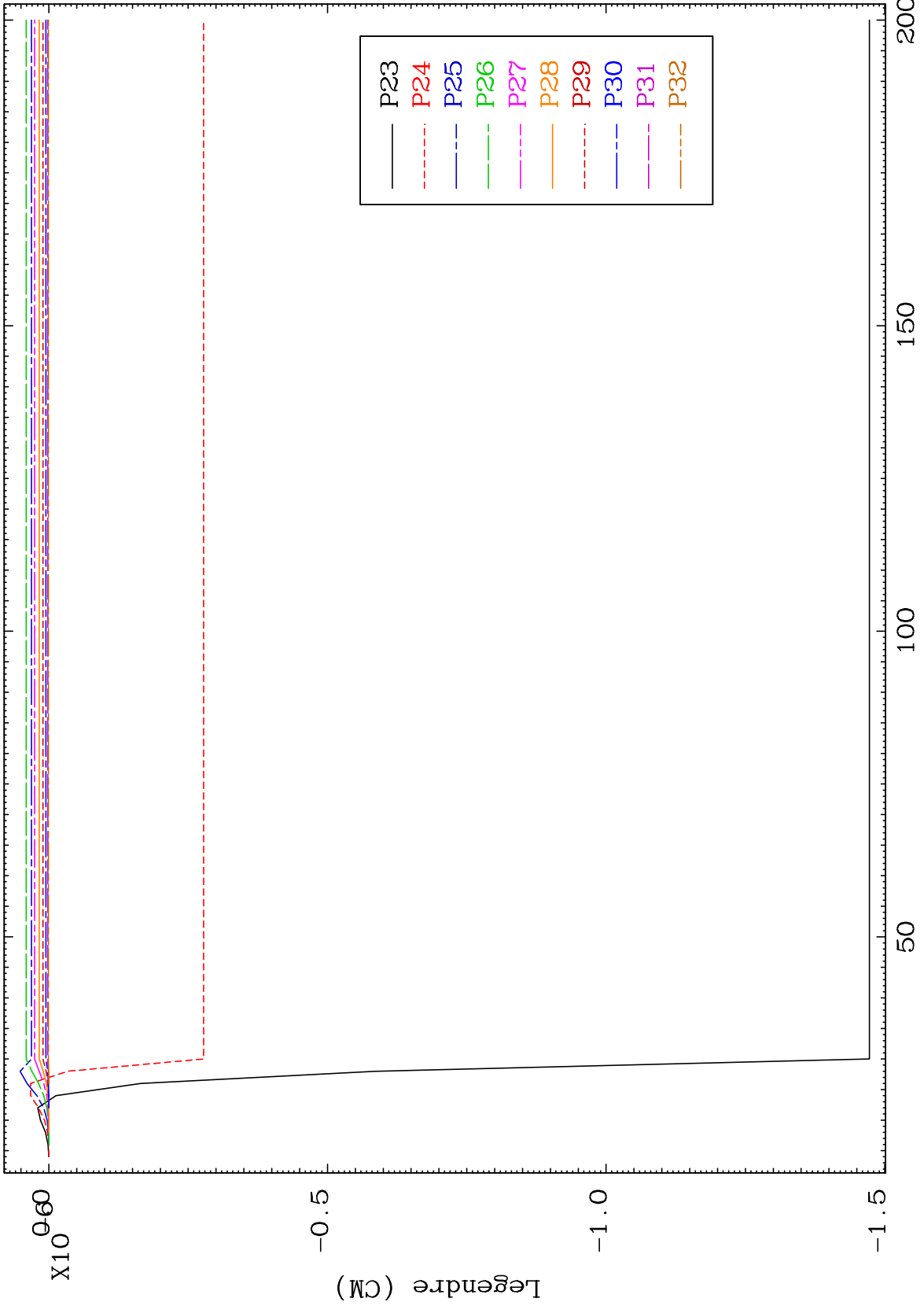


111

Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 75 (n,n') Level Legendre Coefficients 52-Te-130

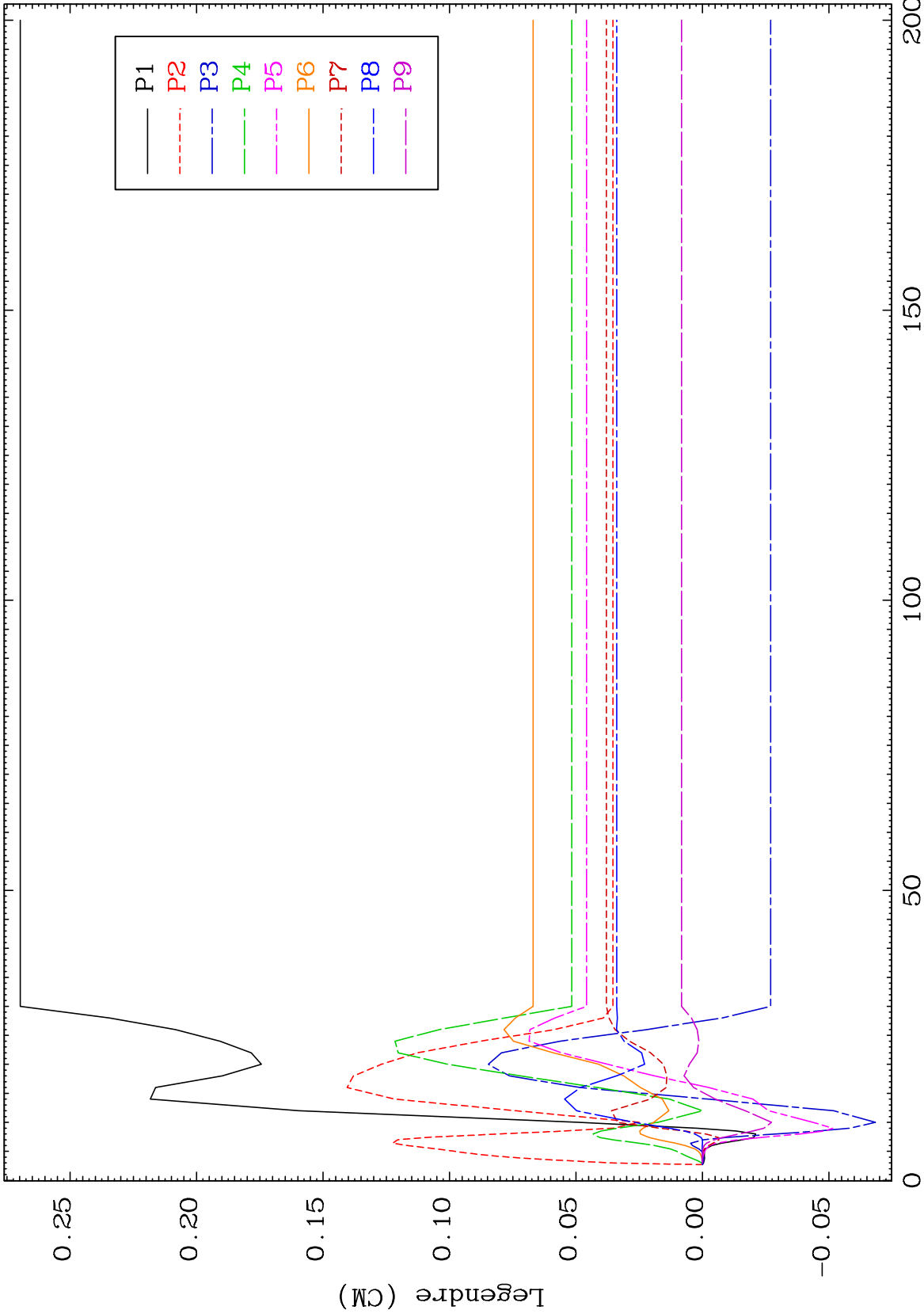


112 52-Te-130

MAT 5255

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

52-Te-130



113

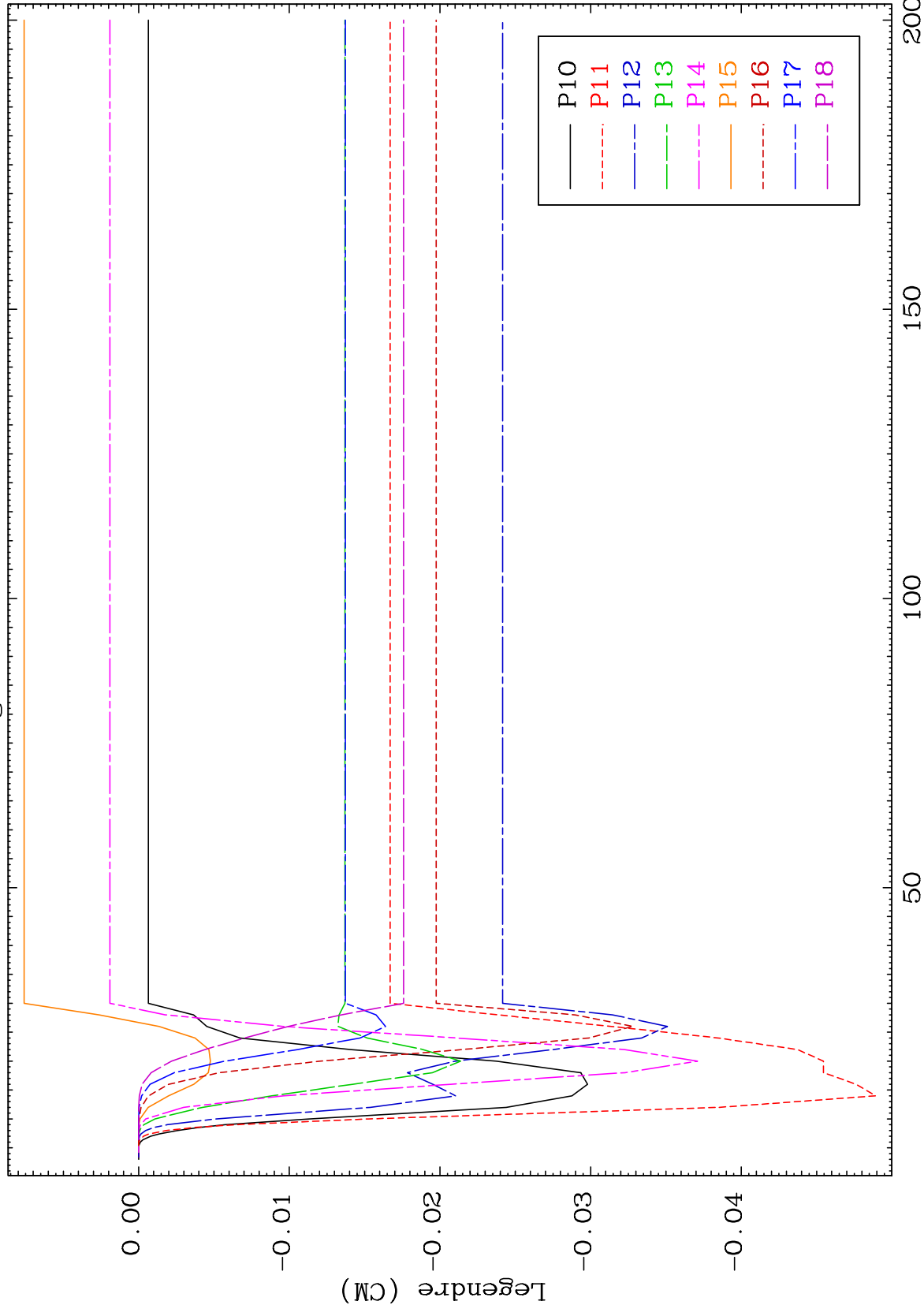
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130

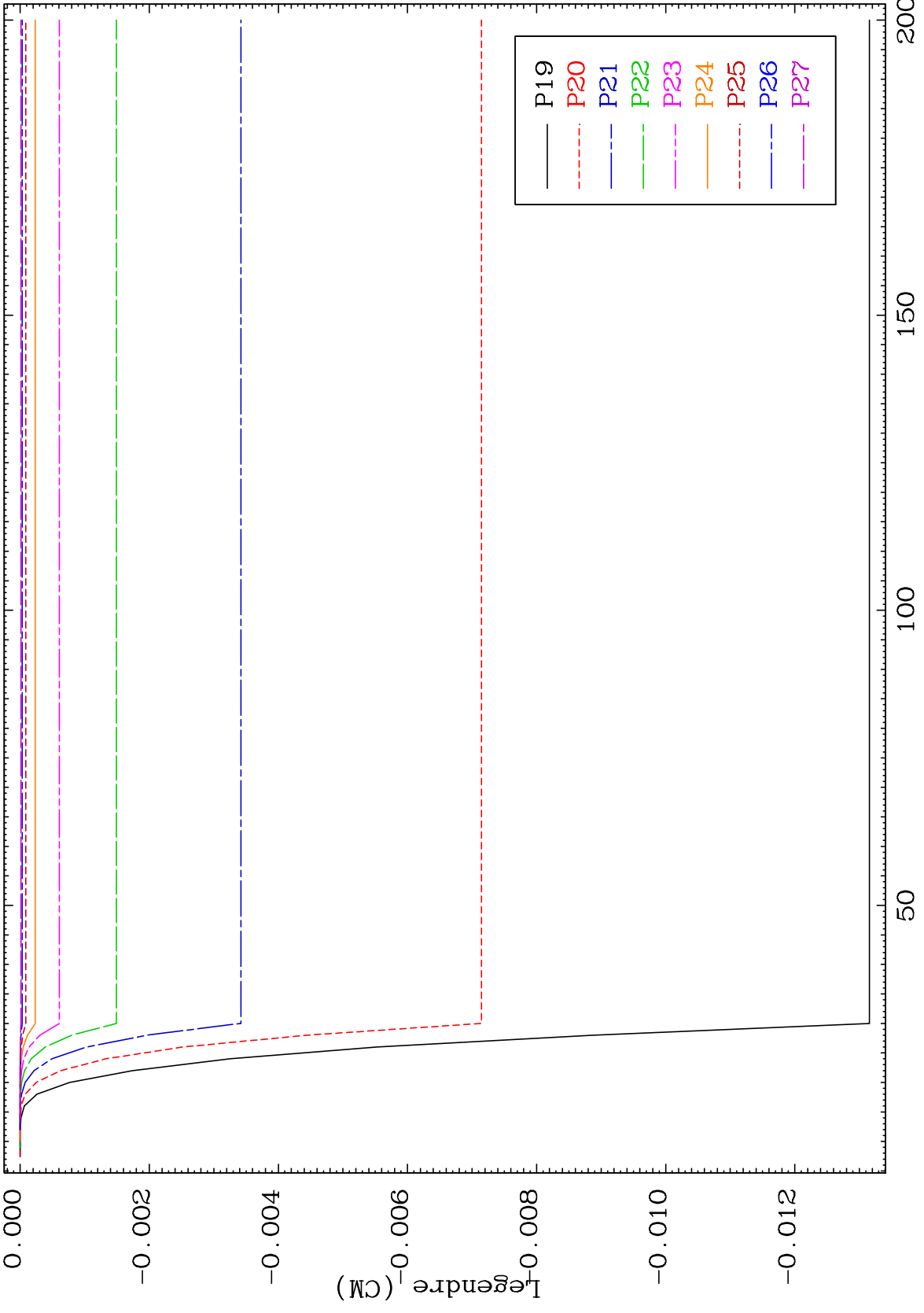


114

Incident Energy (MeV)

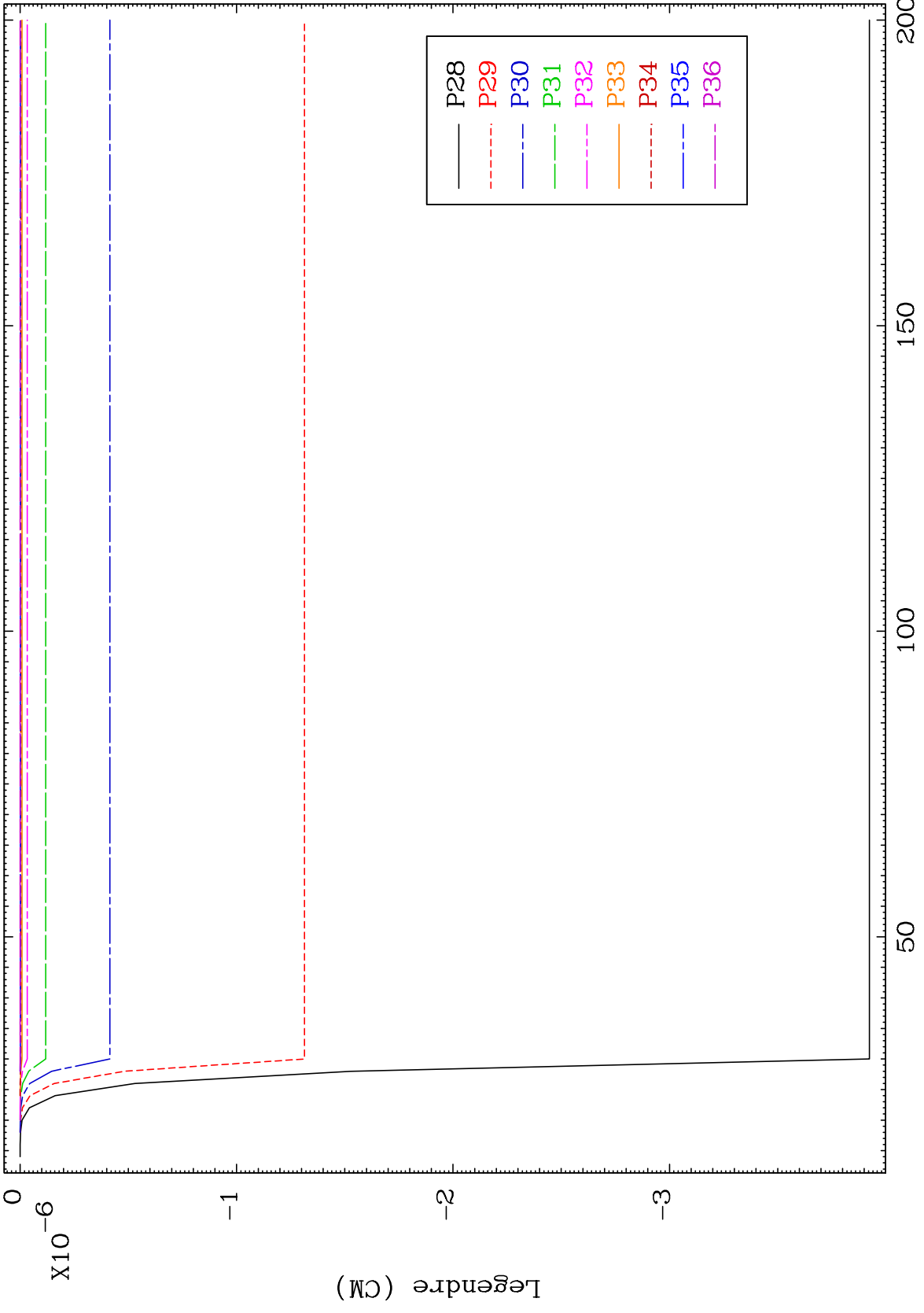
52-Te-130

MAT 5255 MT= 76 (n,n') Level Legendre Coefficients 52-Te-130



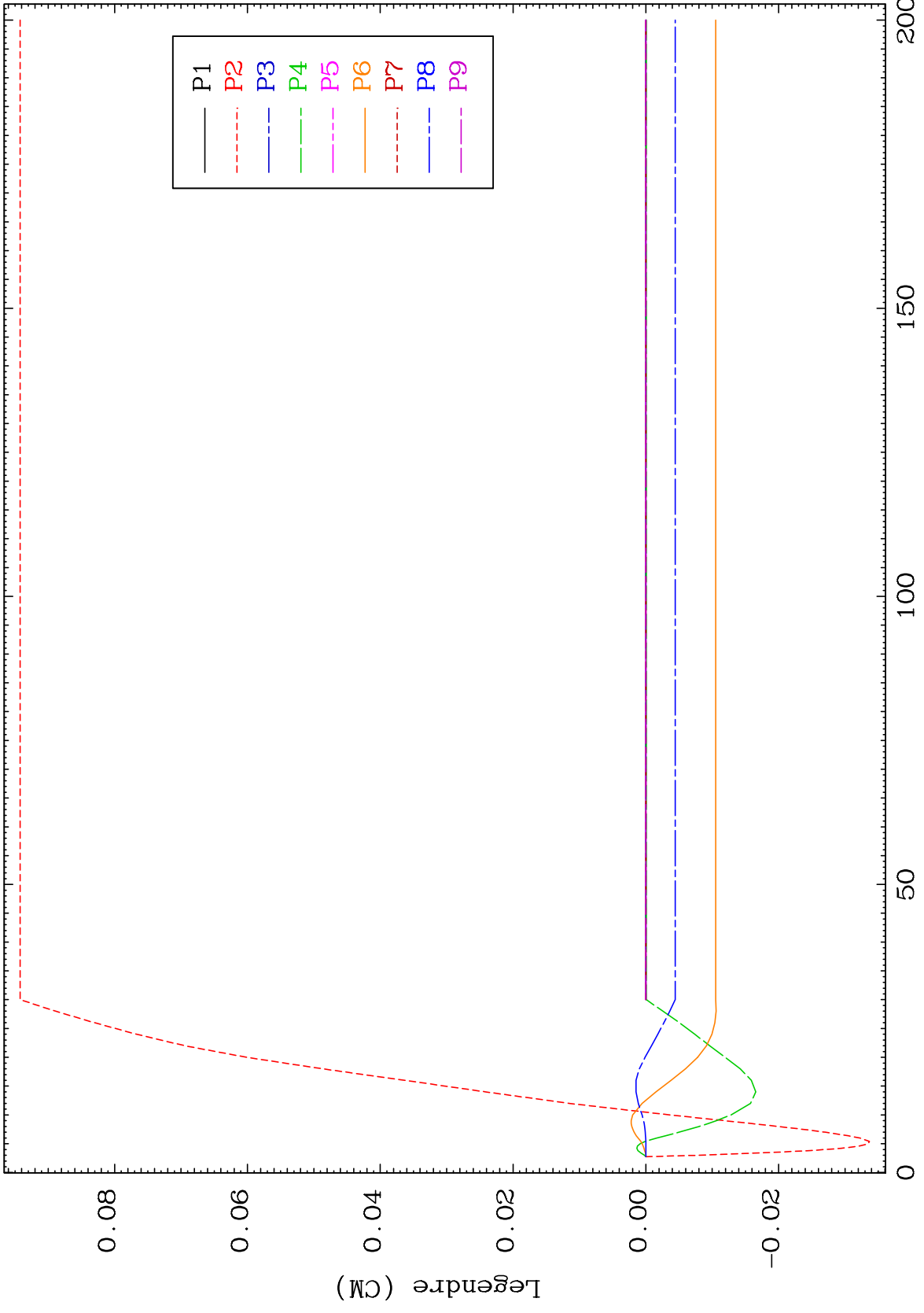
115 Incident Energy (MeV) 52-Te-130

MAT 5255 MT= 76 (n,n') Level Legendre Coefficients 52-Te-130



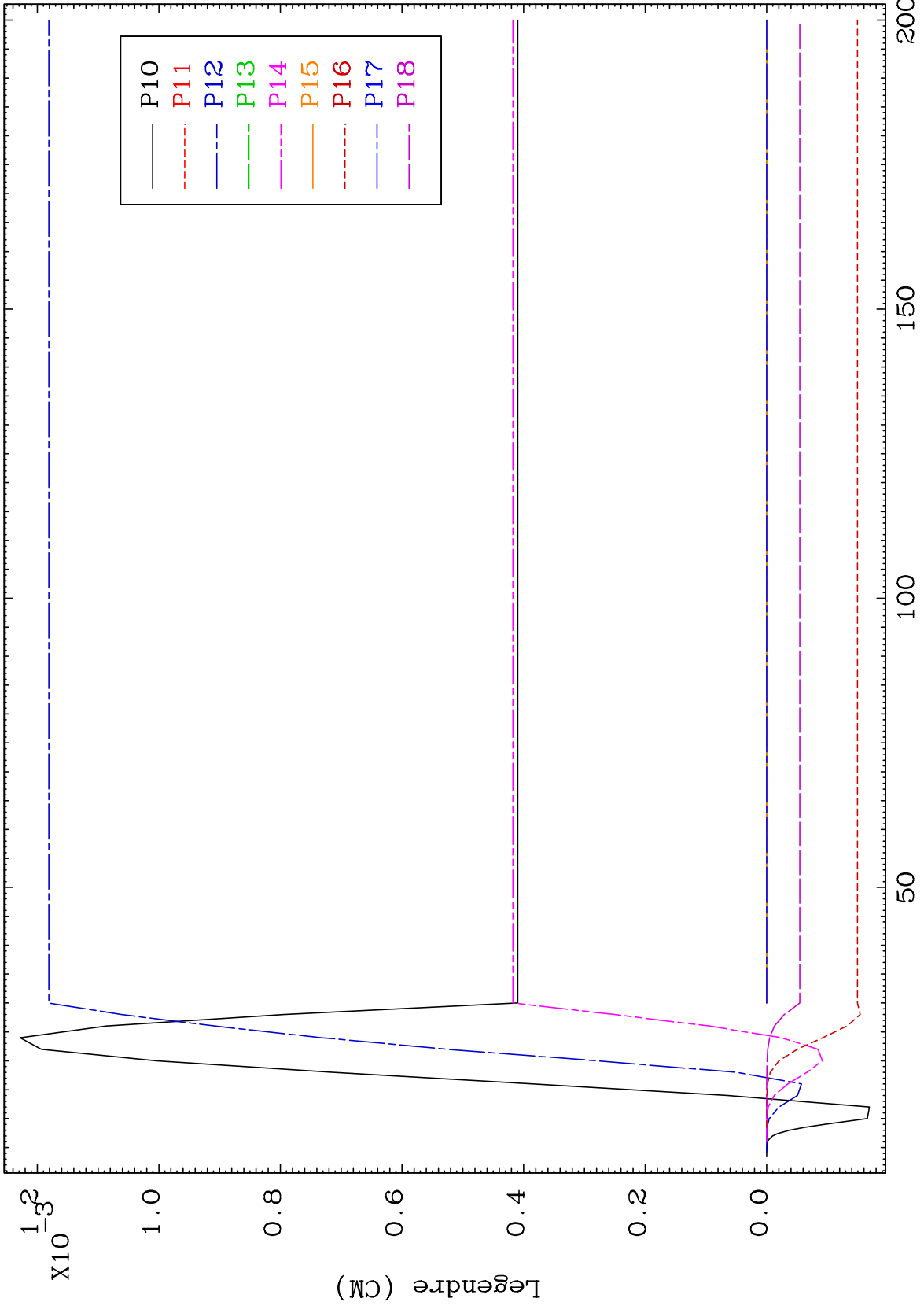
116 52-Te-130

MAT 5255 MT= 77 (n,n') Level Legendre Coefficients 52-Te-130

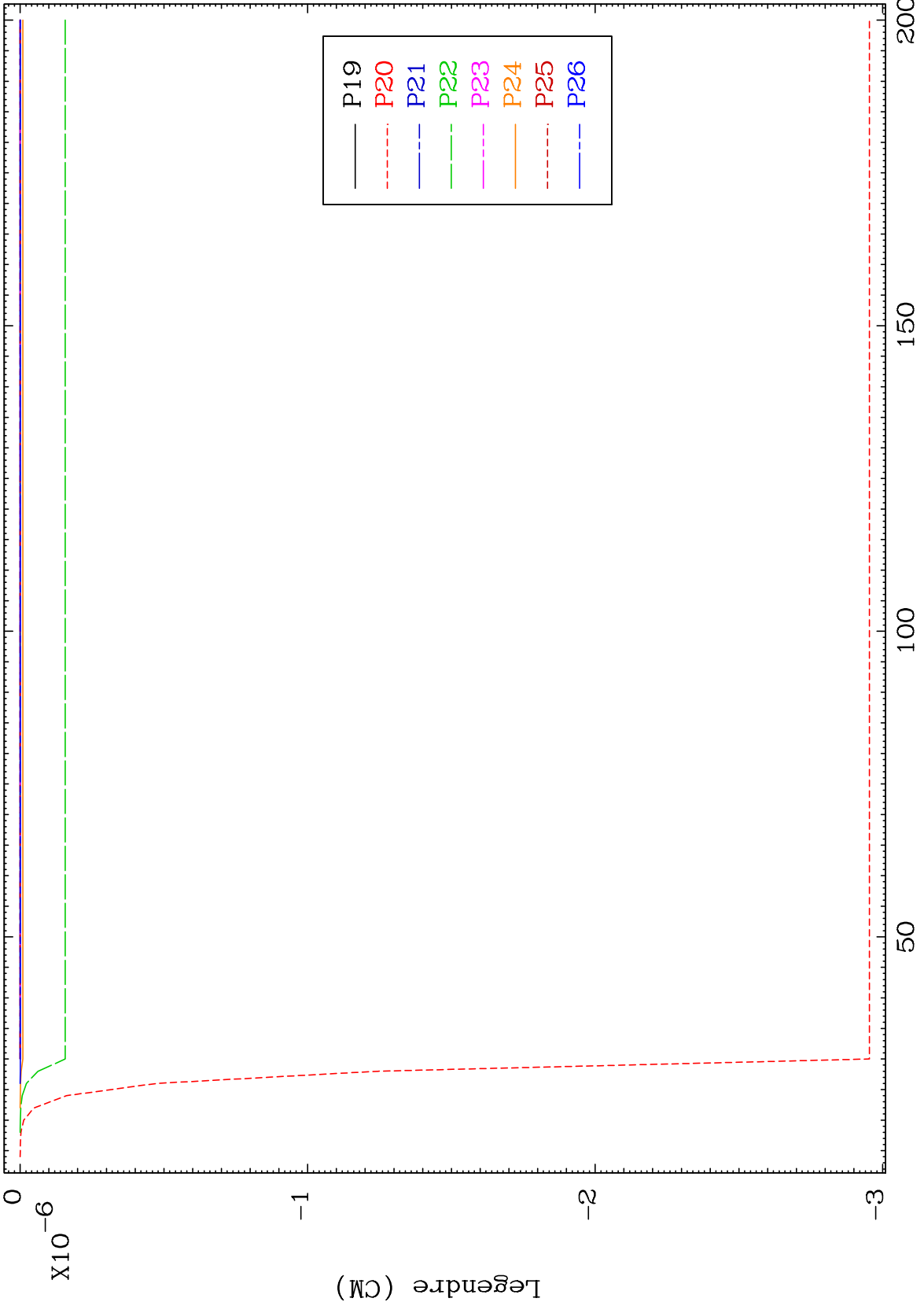


117 52-Te-130

MAT 5255 MT= 77 (n,n') Level Legendre Coefficients 52-Te-130

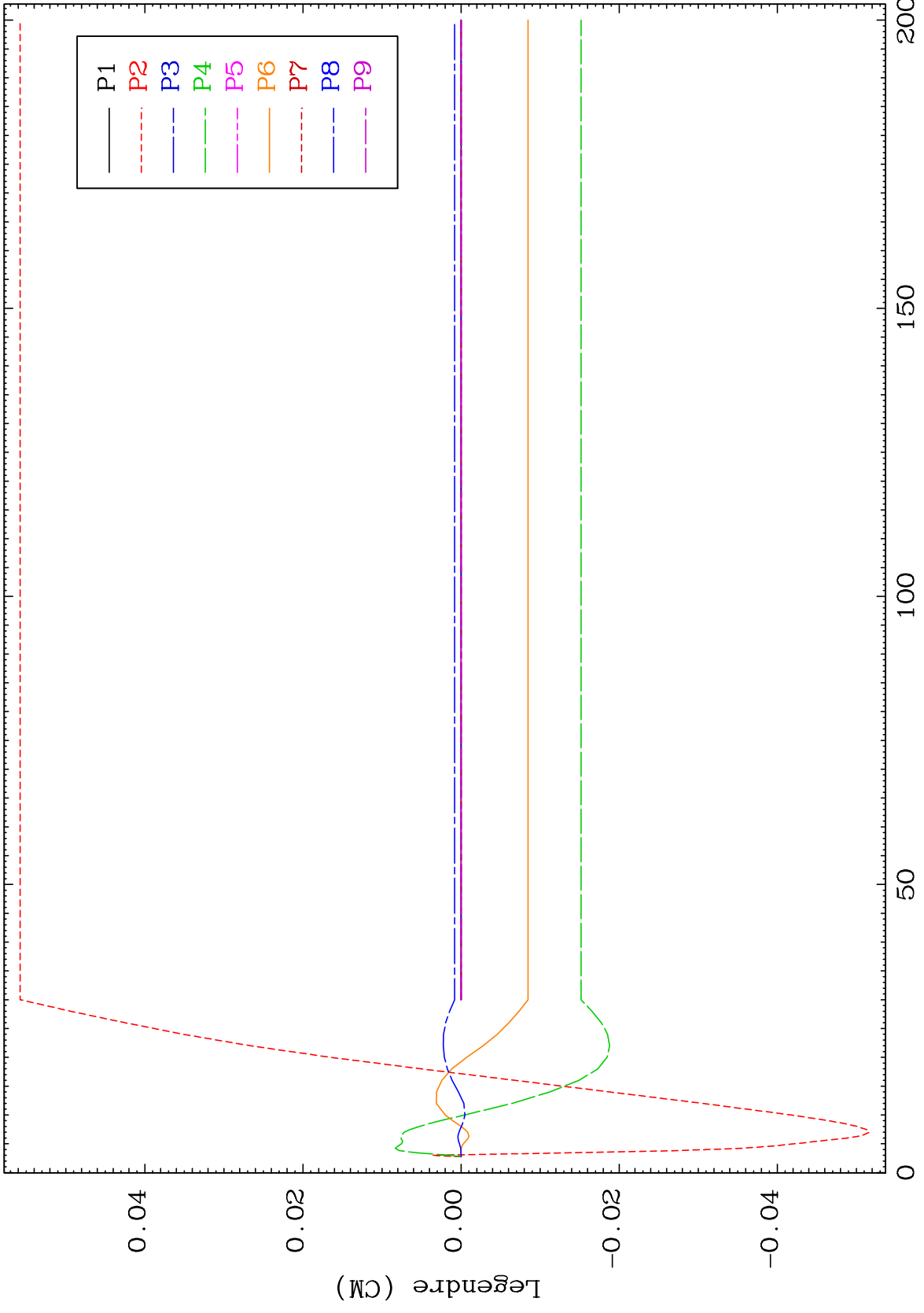


MAT 5255 MT= 77 (n,n') Level Legendre Coefficients 52-Te-130



119 52-Te-130

MAT 5255 MT= 78 (n,n') Level Legendre Coefficients 52-Te-130

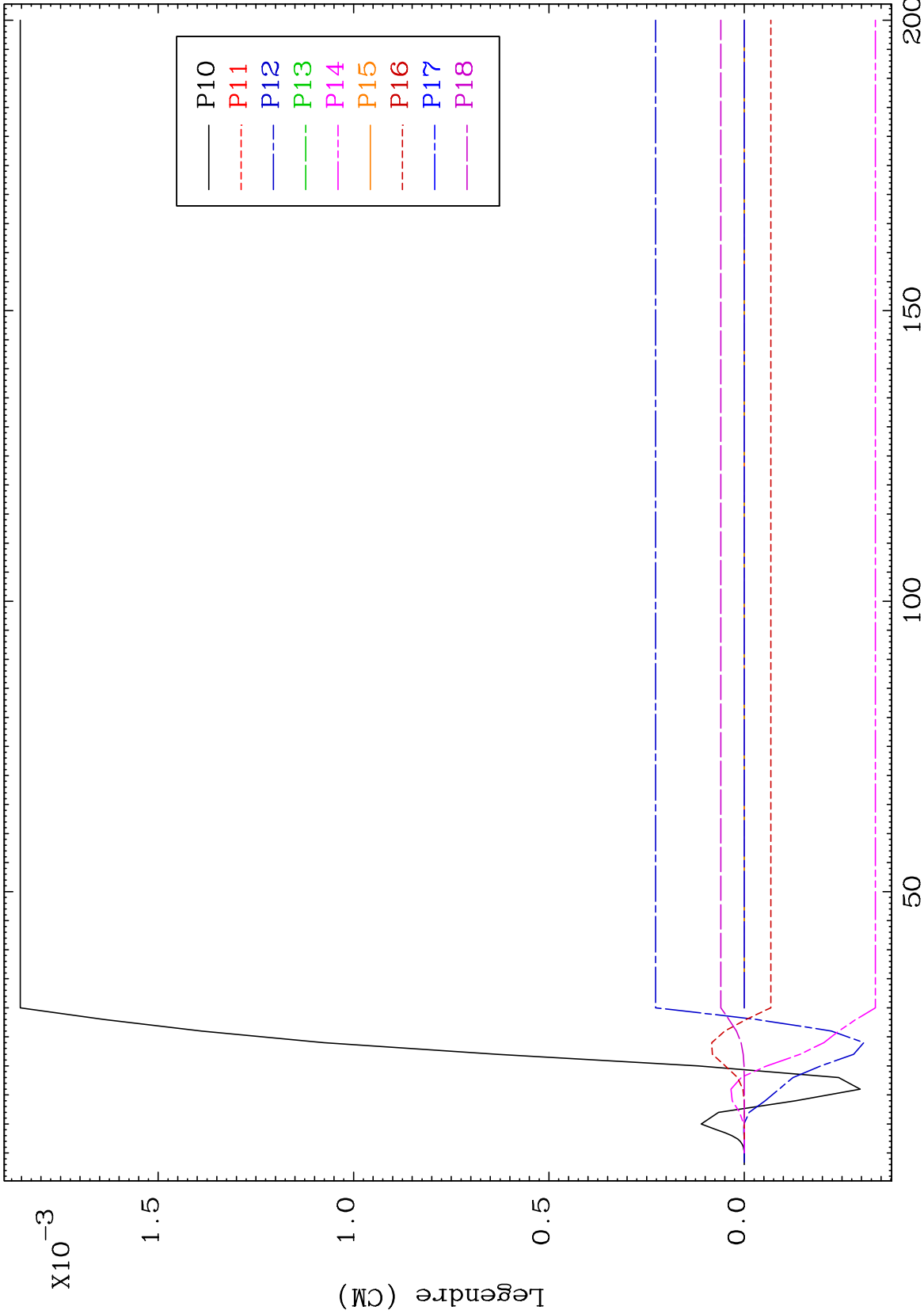


Incident Energy (MeV) 52-Te-130

MAT 5255

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

52-Te-130

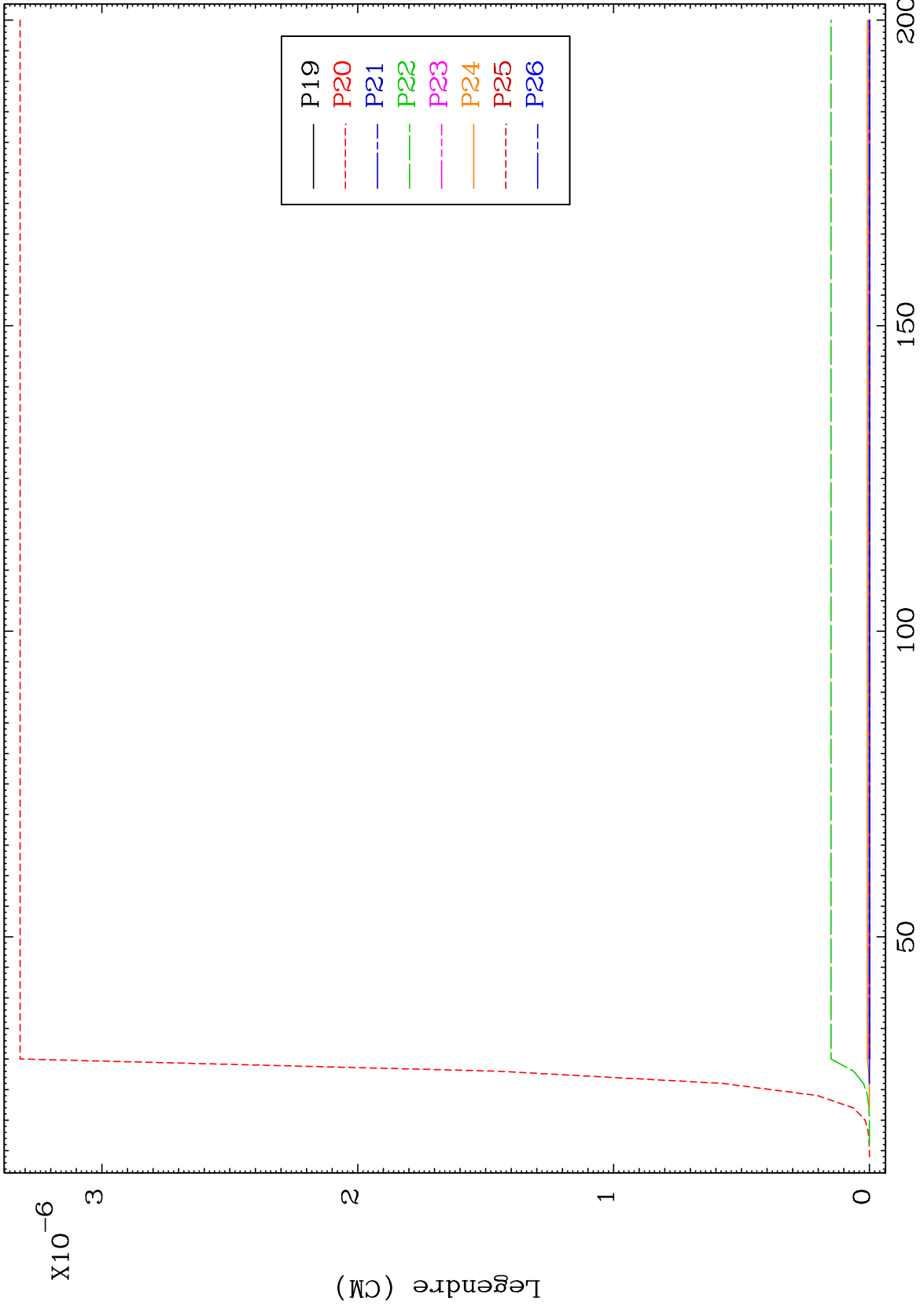


121

Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 78 (n,n') Level Legendre Coefficients 52-Te-130

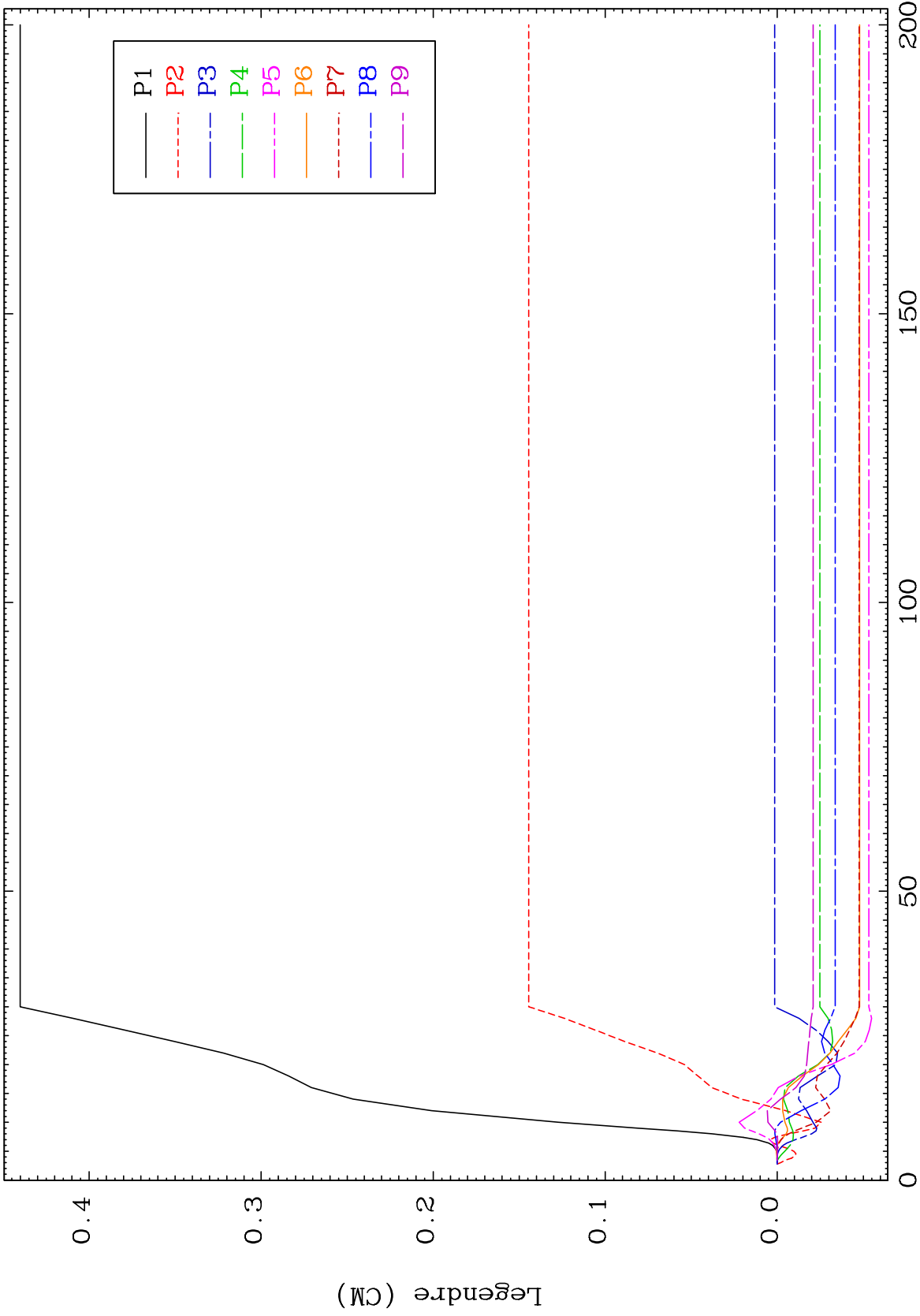


122 Incident Energy (MeV) 52-Te-130

MAT 5255

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

52-Te-130

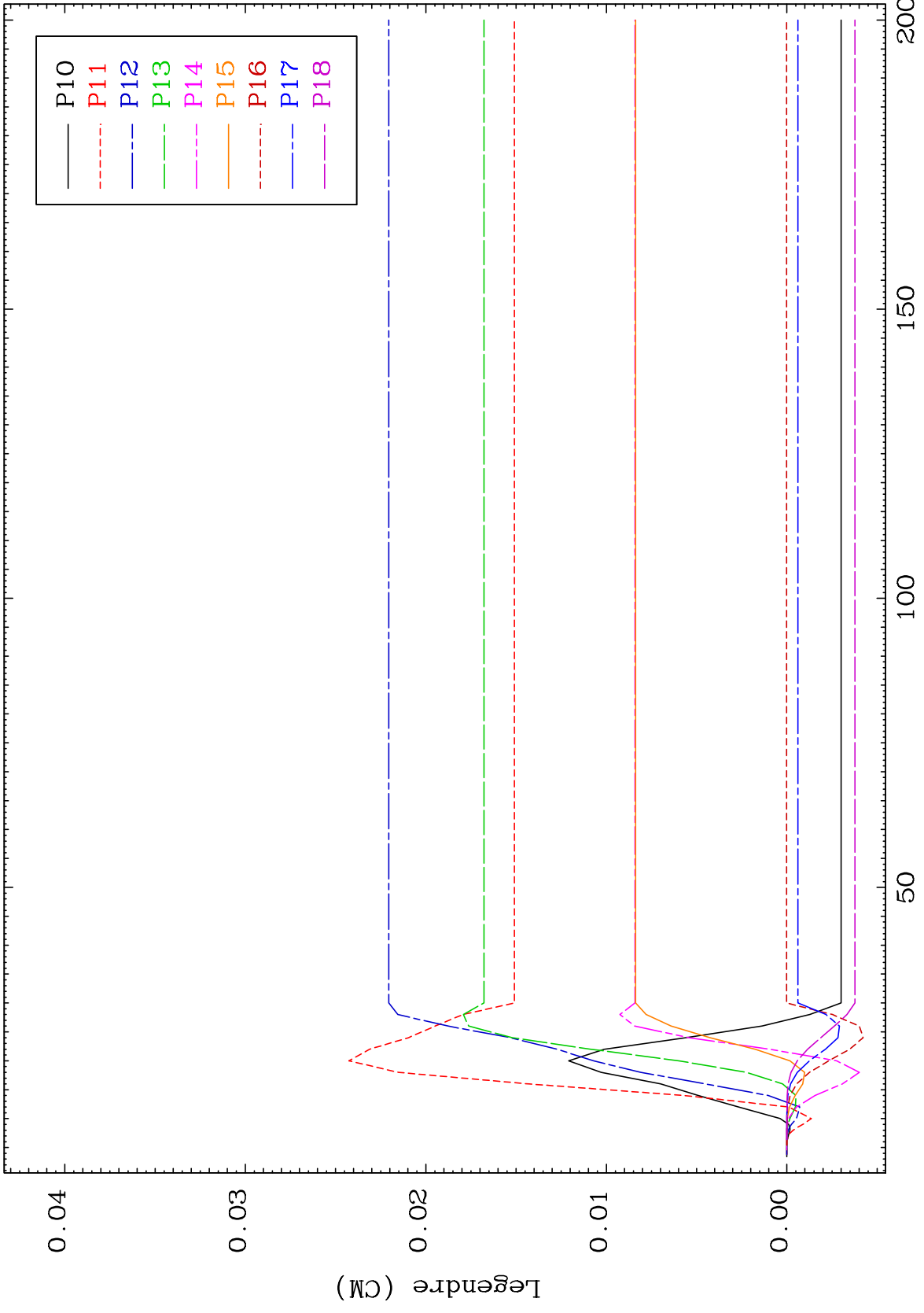


123

Incident Energy (MeV)

52-Te-130

MAT 5255 MT= 79 (n,n') Level Legendre Coefficients 52-Te-130

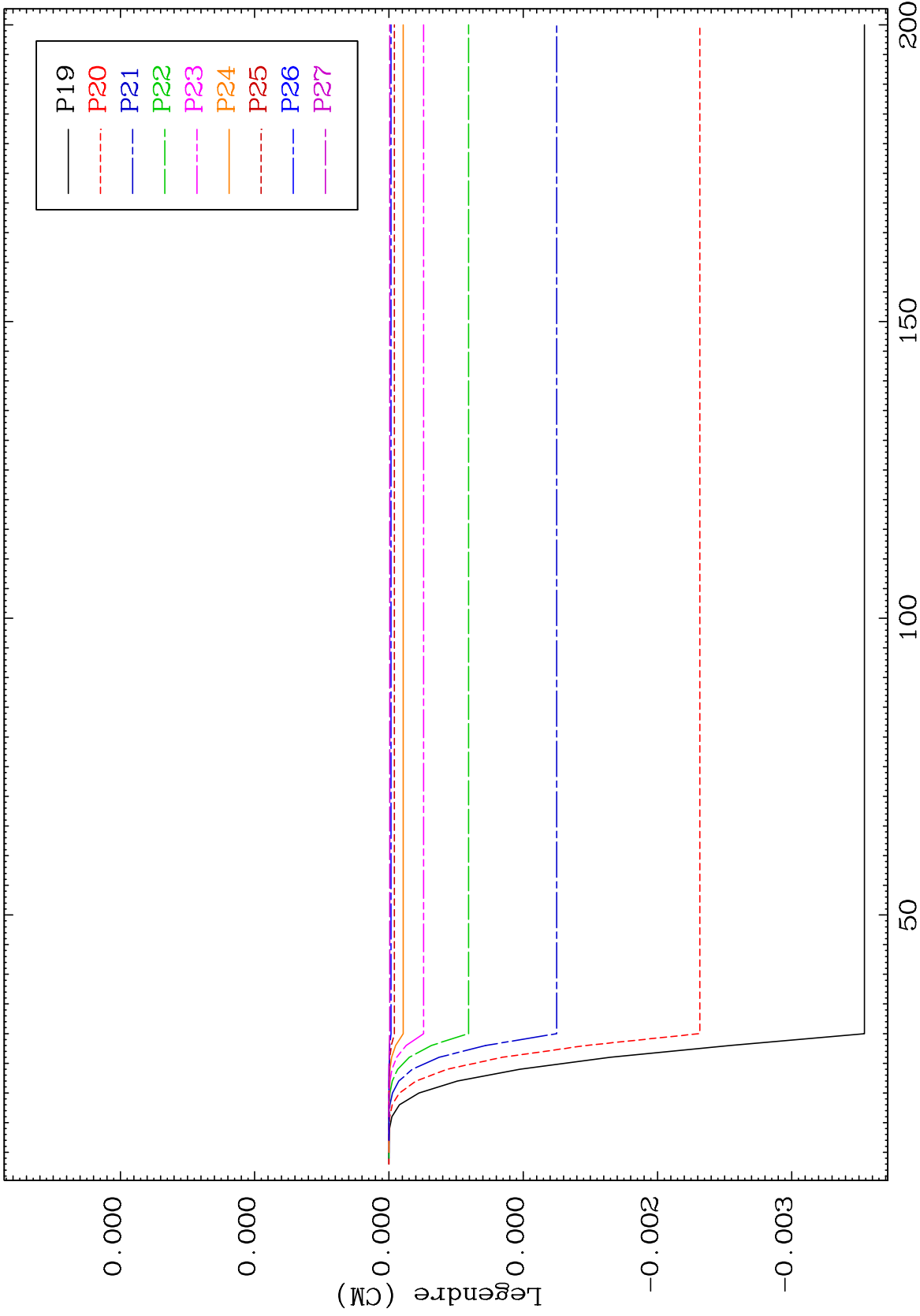


124 52-Te-130

MAT 5255

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

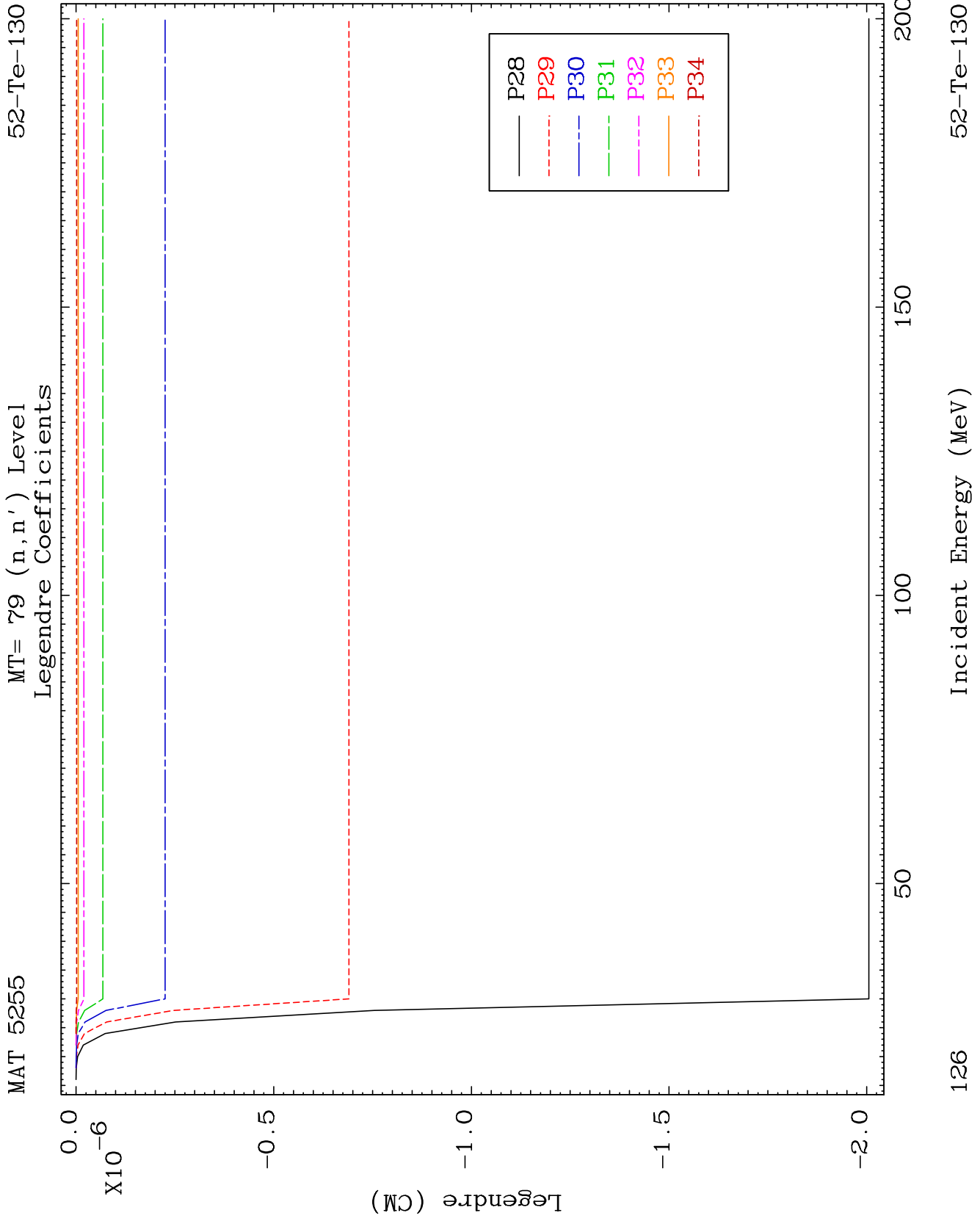
52-Te-130



125

Incident Energy (MeV)

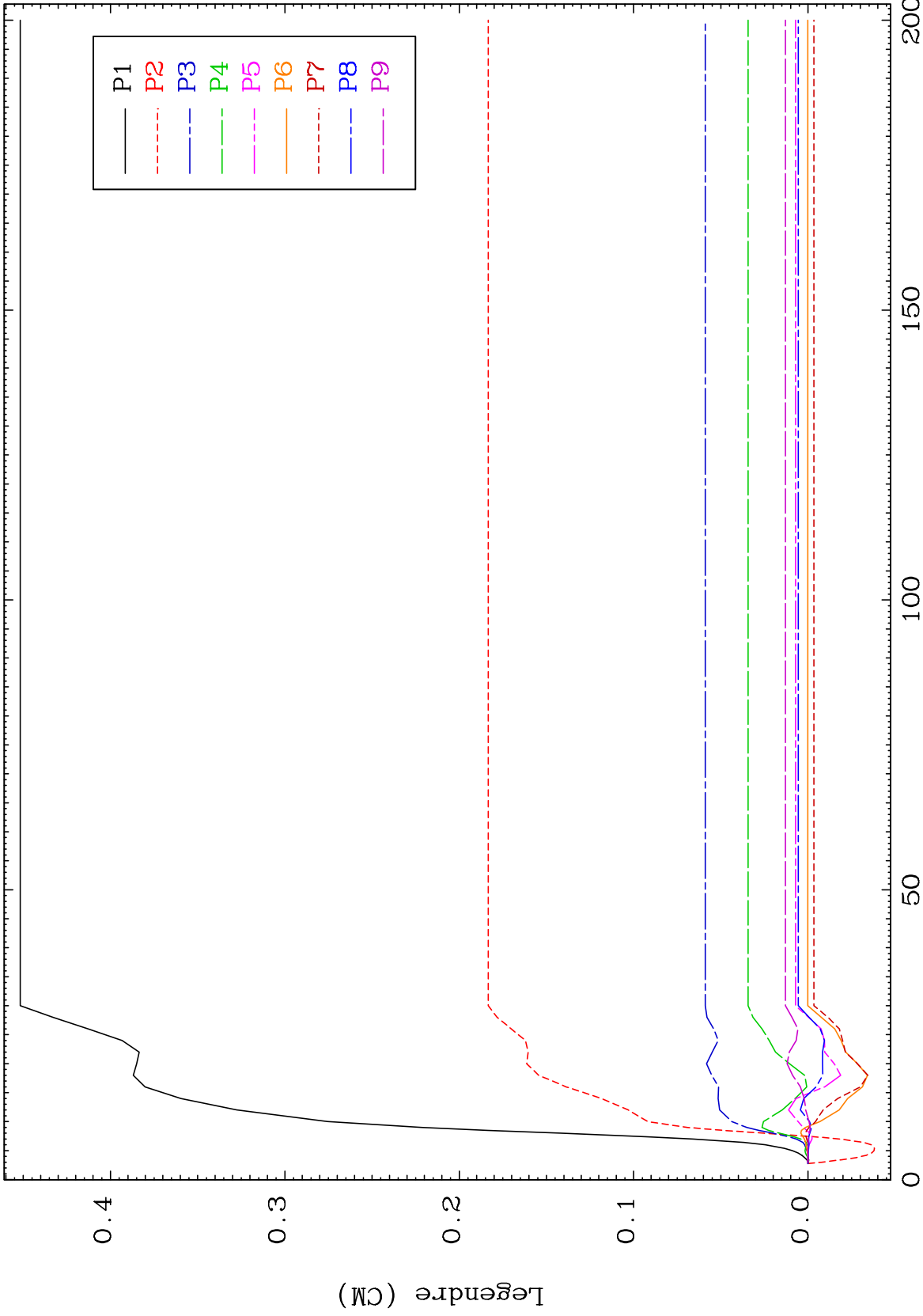
52-Te-130



MAT 5255

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

52-Te-130



127

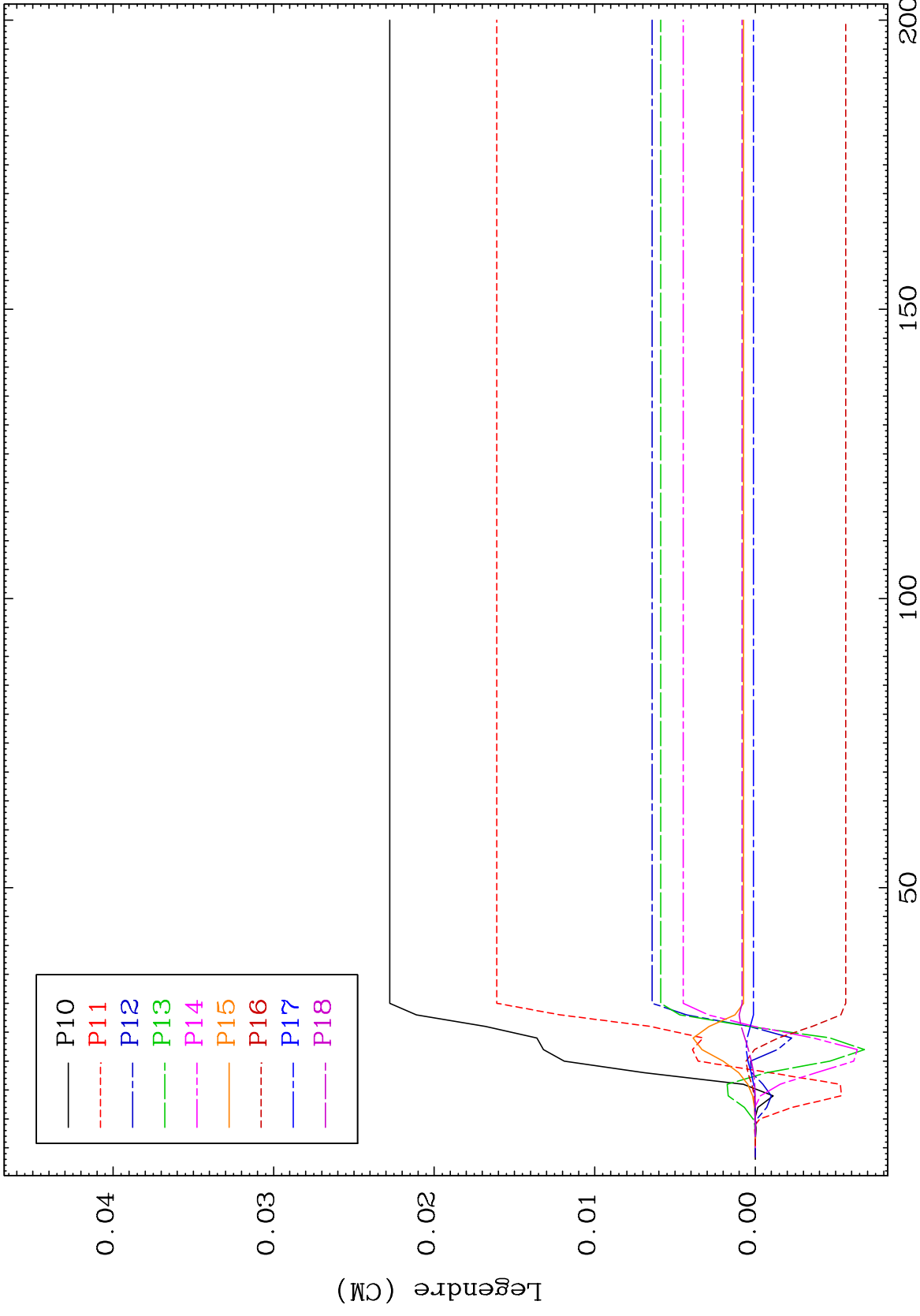
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130



128

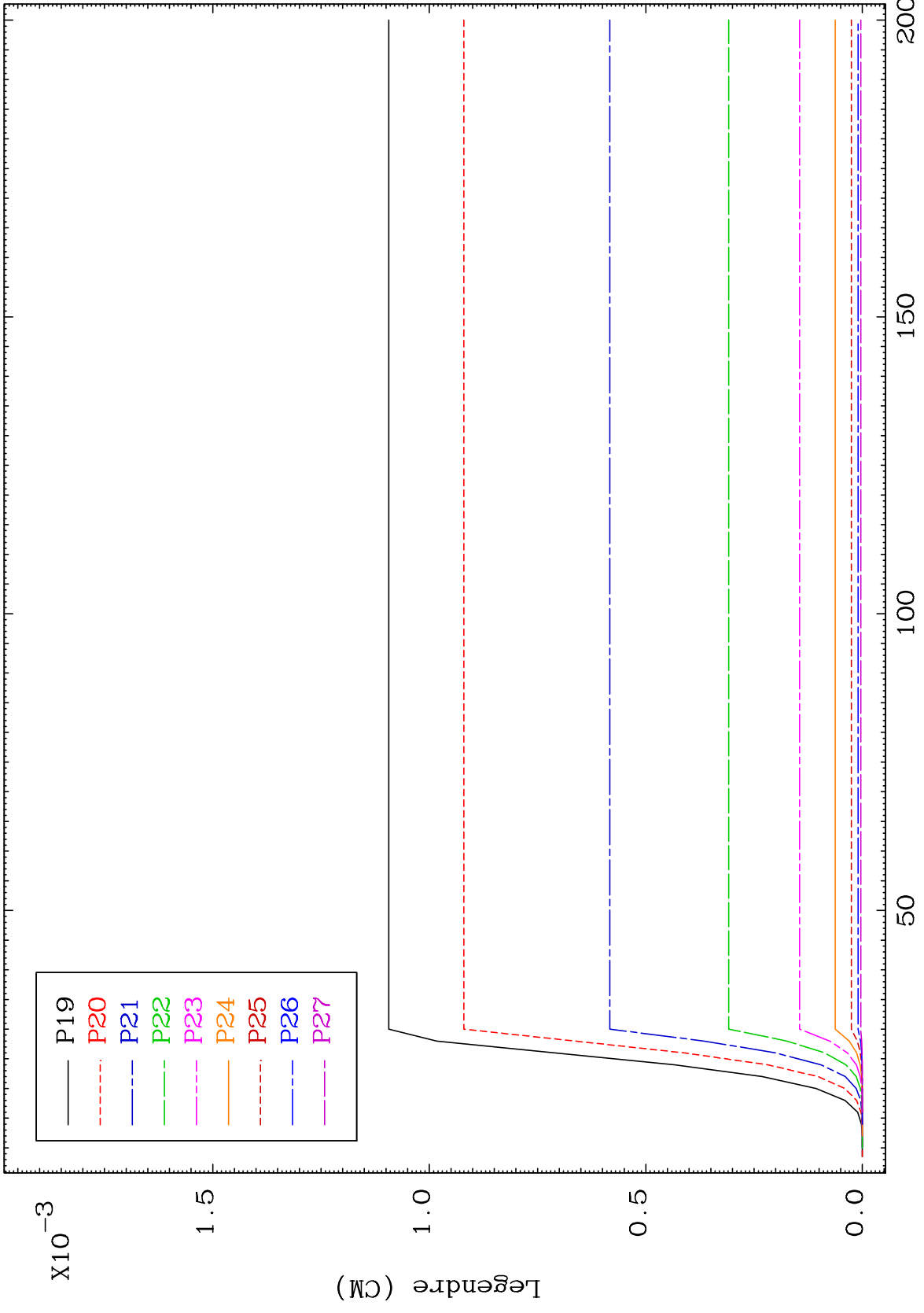
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130



129

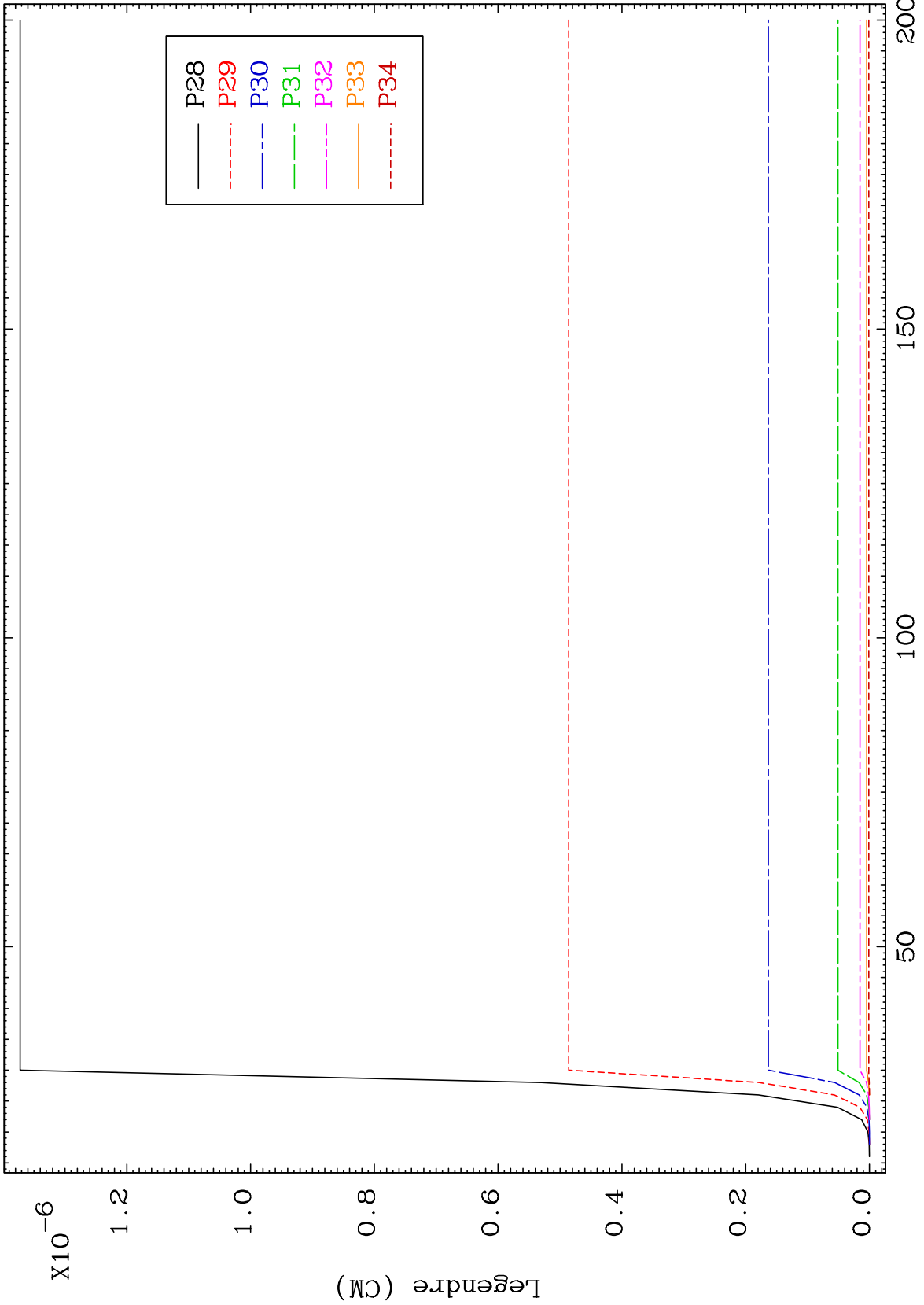
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130



130

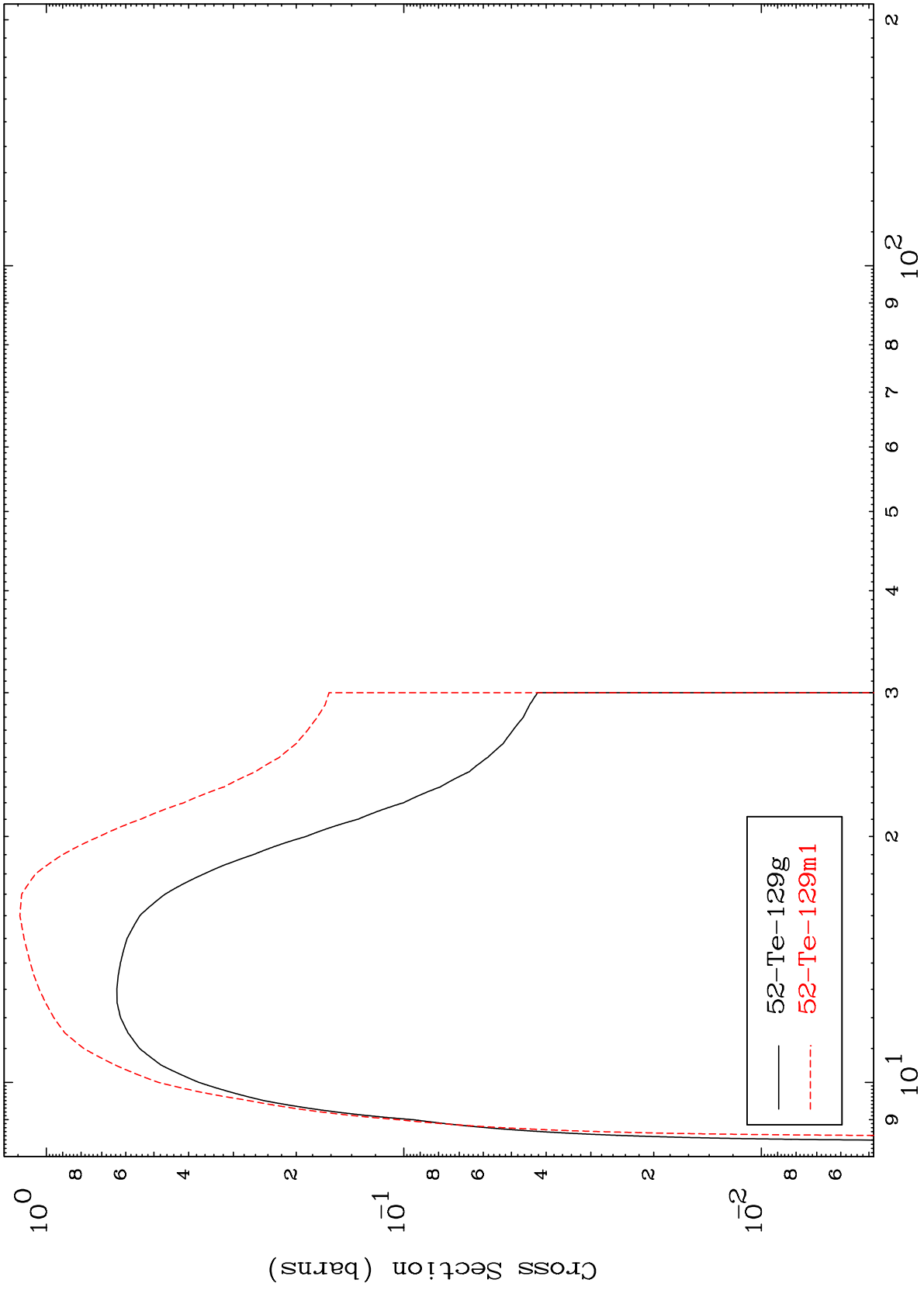
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(n,2n)  
Radionuclide Production Cross Section



131

52-Te-130

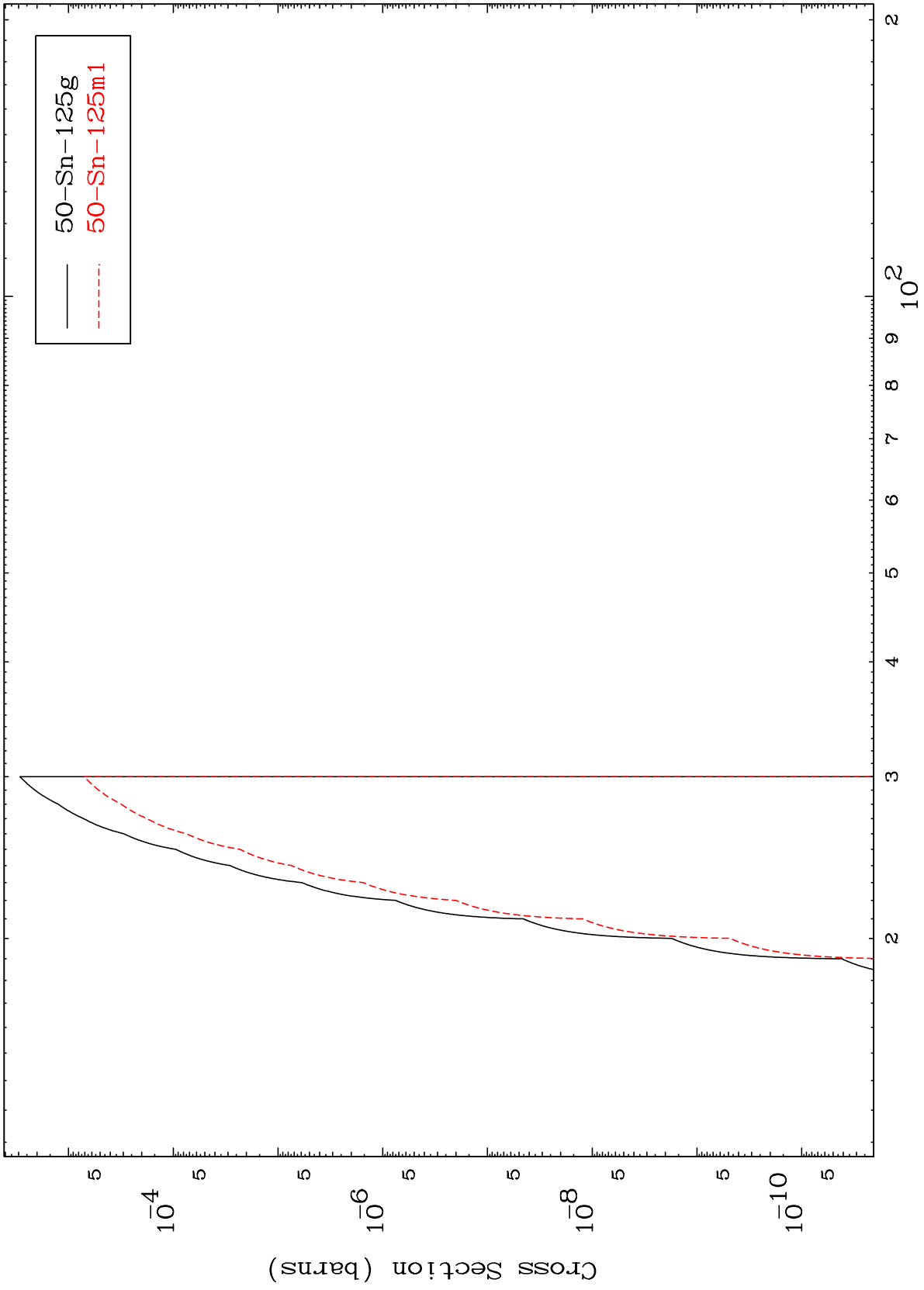
Incident Energy (MeV)

MAT 5255

(n,2n)  $\alpha$

<sup>52</sup>Te-130

Radionuclide Production Cross Section



132

Incident Energy (MeV)

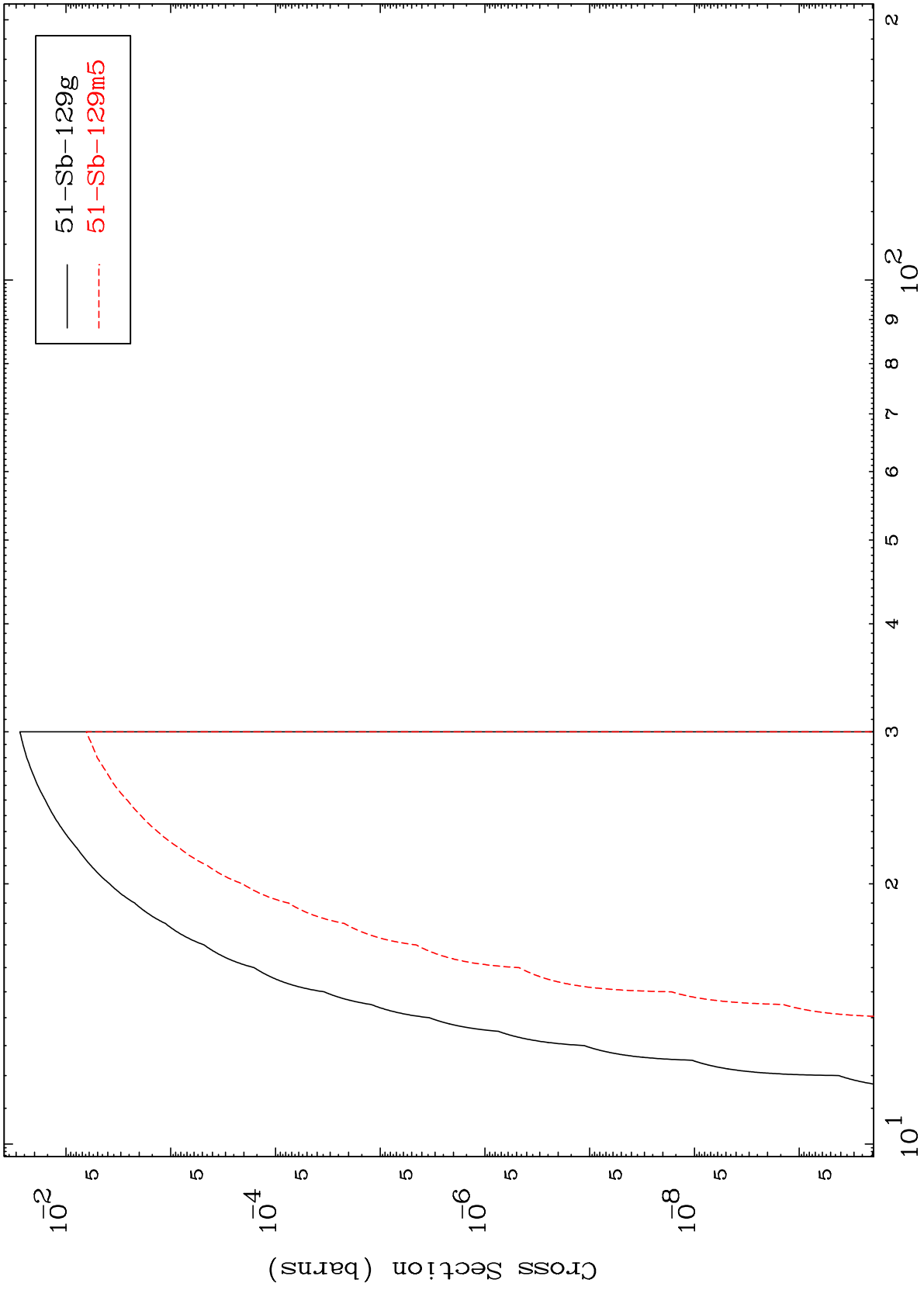
<sup>52</sup>Te-130

MAT 5255

(n,n') p

52-Te-130

Radionuclide Production Cross Section



133

Incident Energy (MeV)

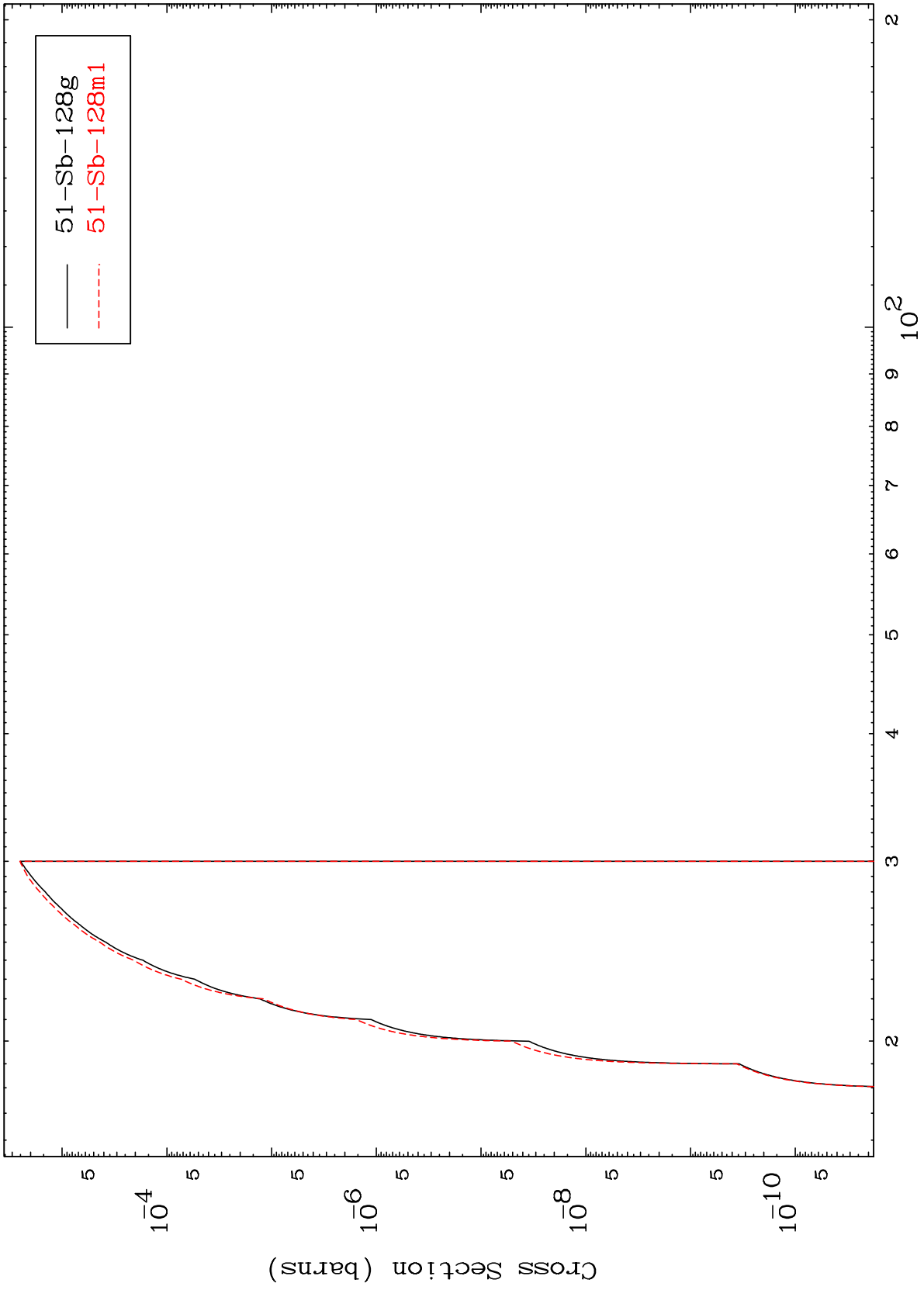
52-Te-130

MAT 5255

(n,n') d

52-Te-130

Radionuclide Production Cross Section



134

Incident Energy (MeV)

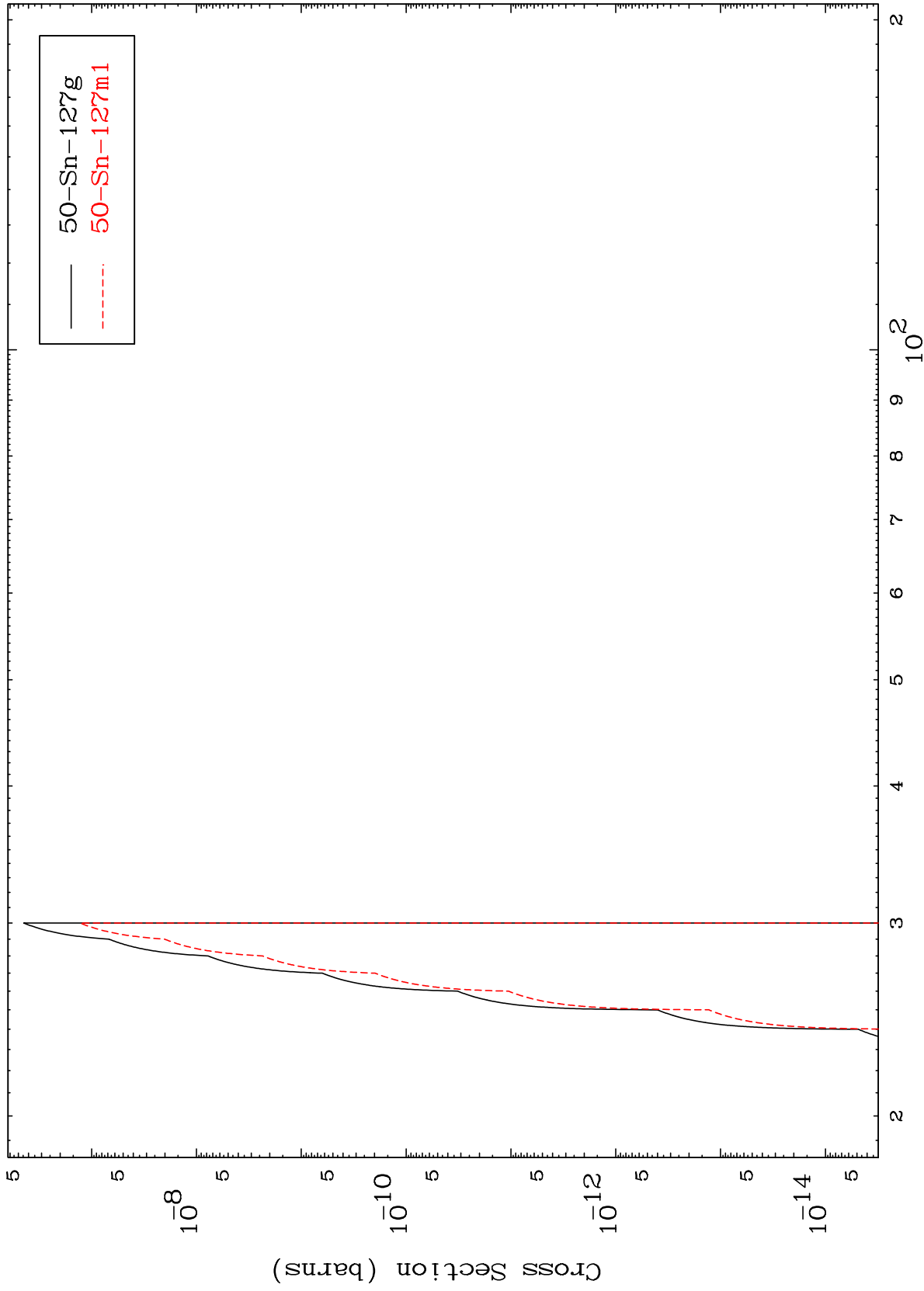
52-Te-130

MAT 5255

(n, n') He-3

52-Te-130

Radionuclide Production Cross Section



135

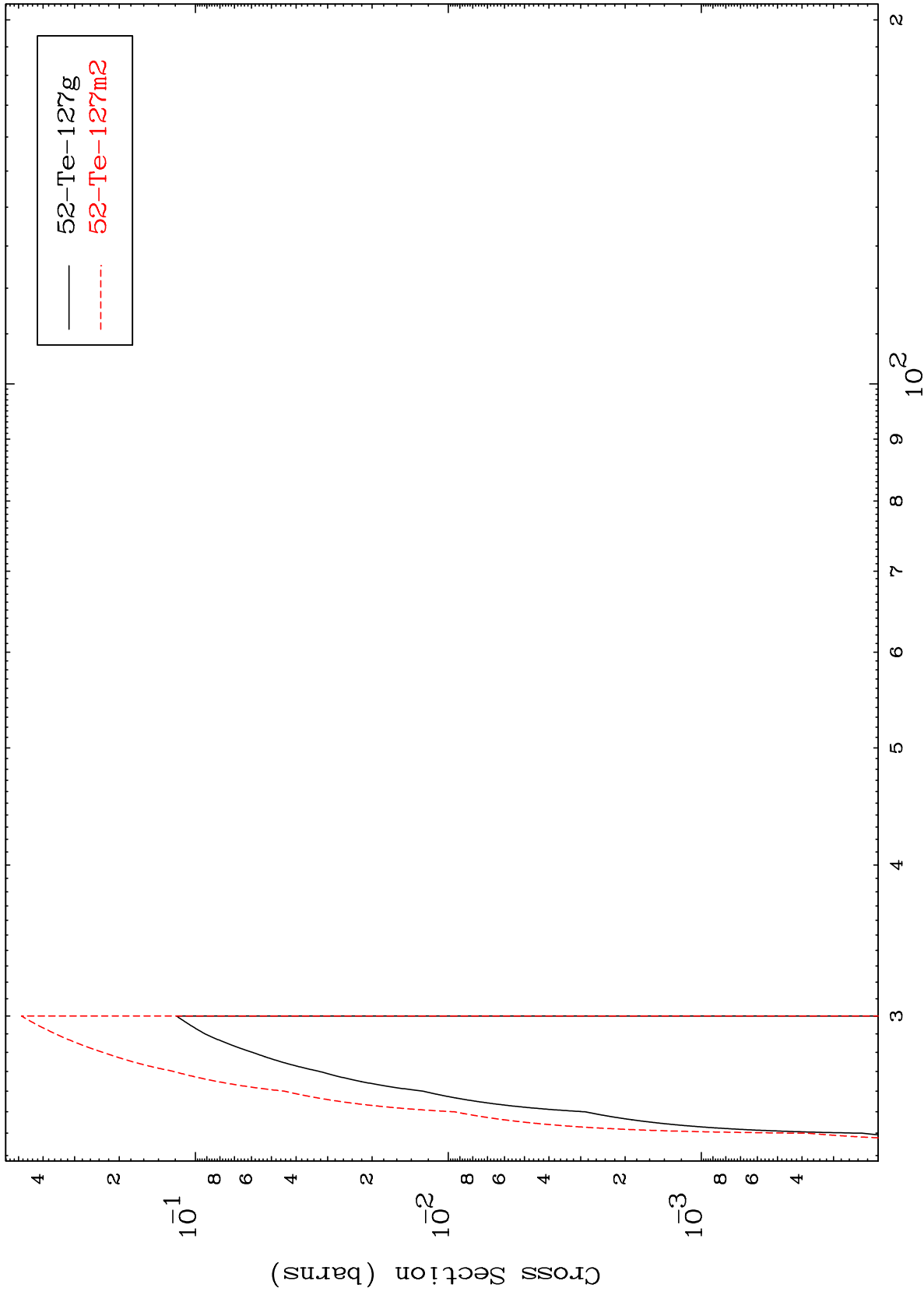
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(n,4n)  
Radionuclide Production Cross Section



136

52-Te-130

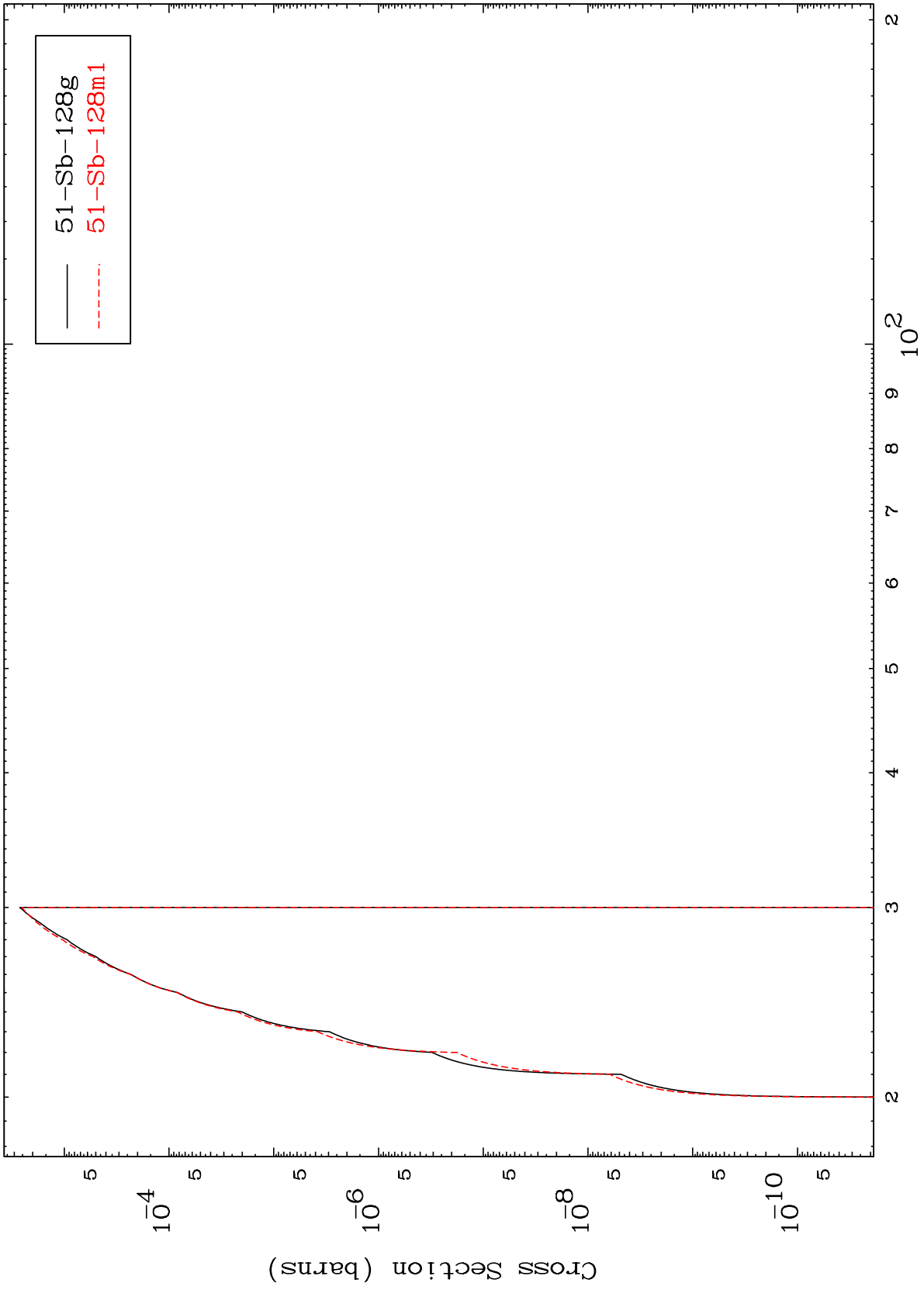
Incident Energy (MeV)

MAT 5255

(n,2n) p

52-Te-130

Radionuclide Production Cross Section



137

Incident Energy (MeV)

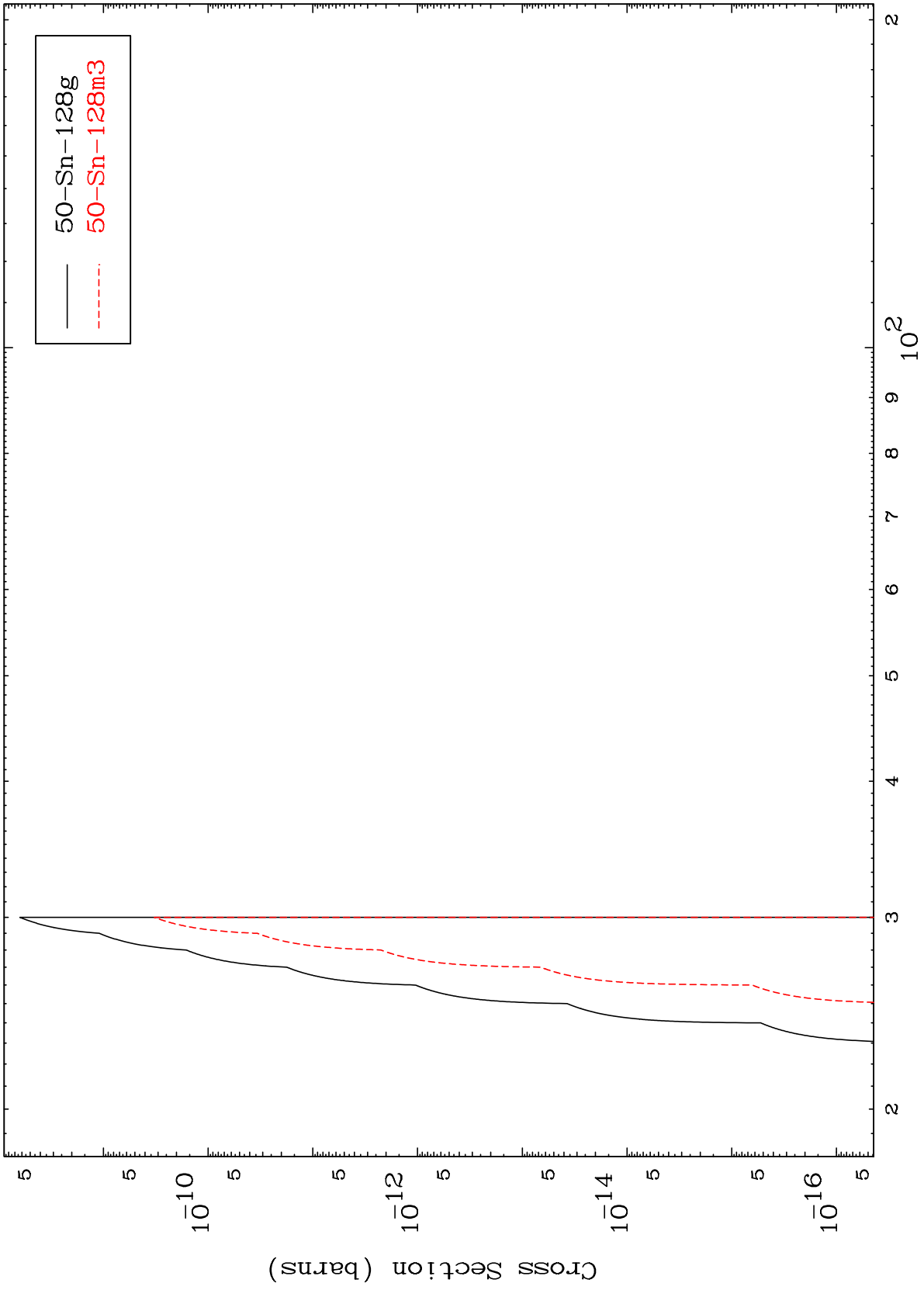
52-Te-130

MAT 5255

(n,2n) p

52-Te-130

Radionuclide Production Cross Section



138

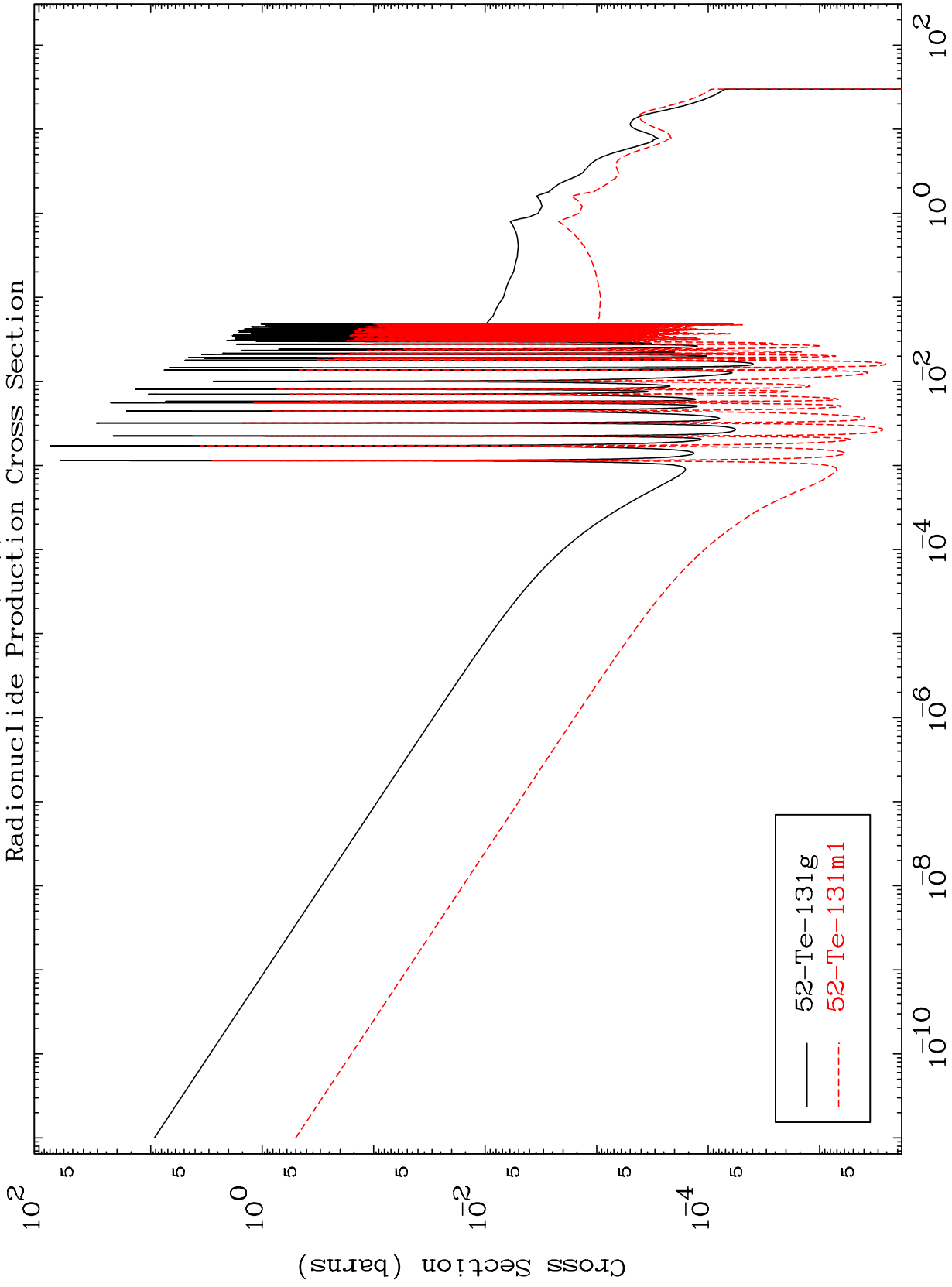
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(n,γ)  
Radionuclide Production Cross Section



52-Te-130

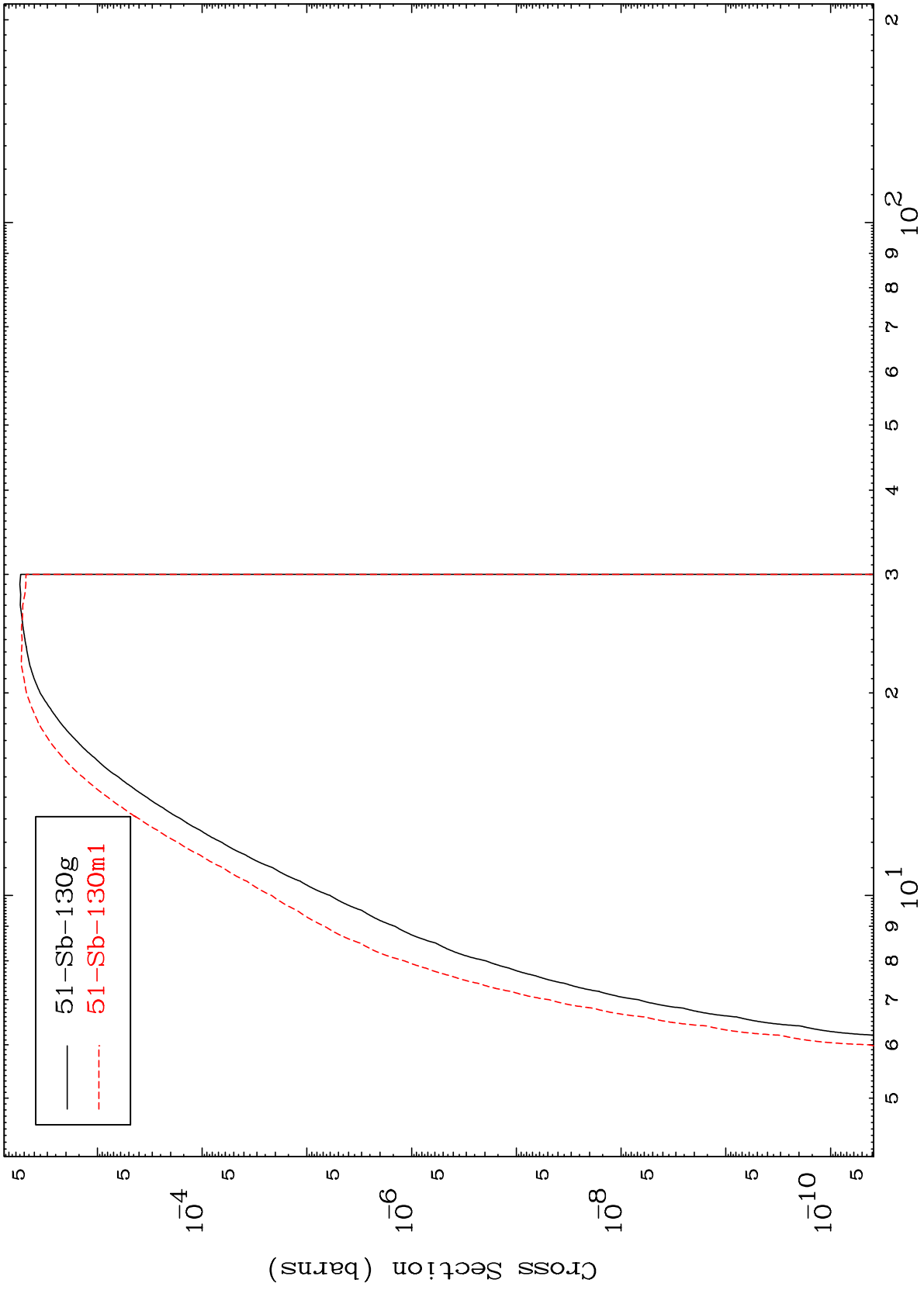
Incident Energy (MeV)

139

MAT 5255

52-Te-130

Radionuclide Production Cross Section (n,p)



140

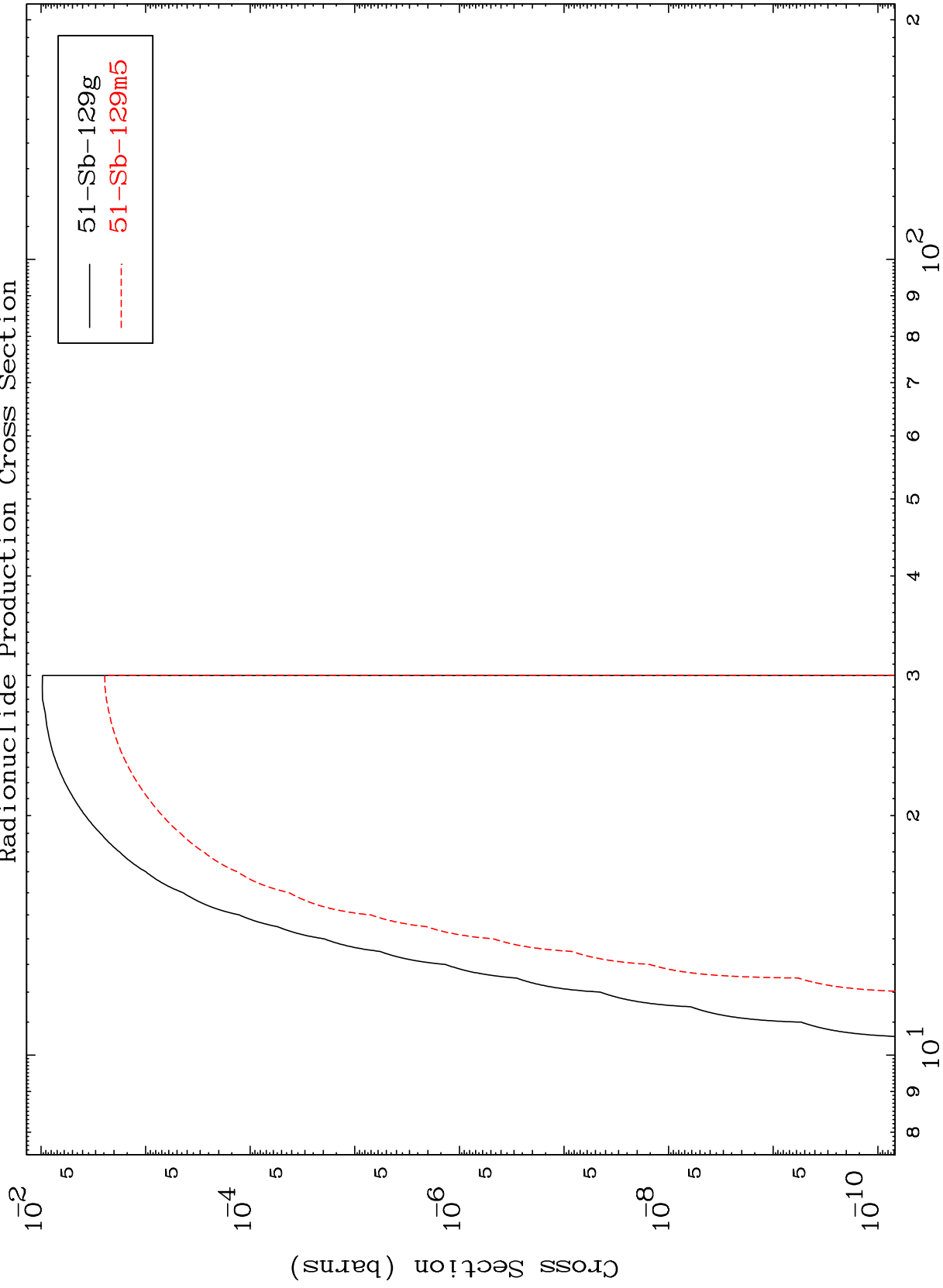
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(n,d)  
Radionuclide Production Cross Section



141

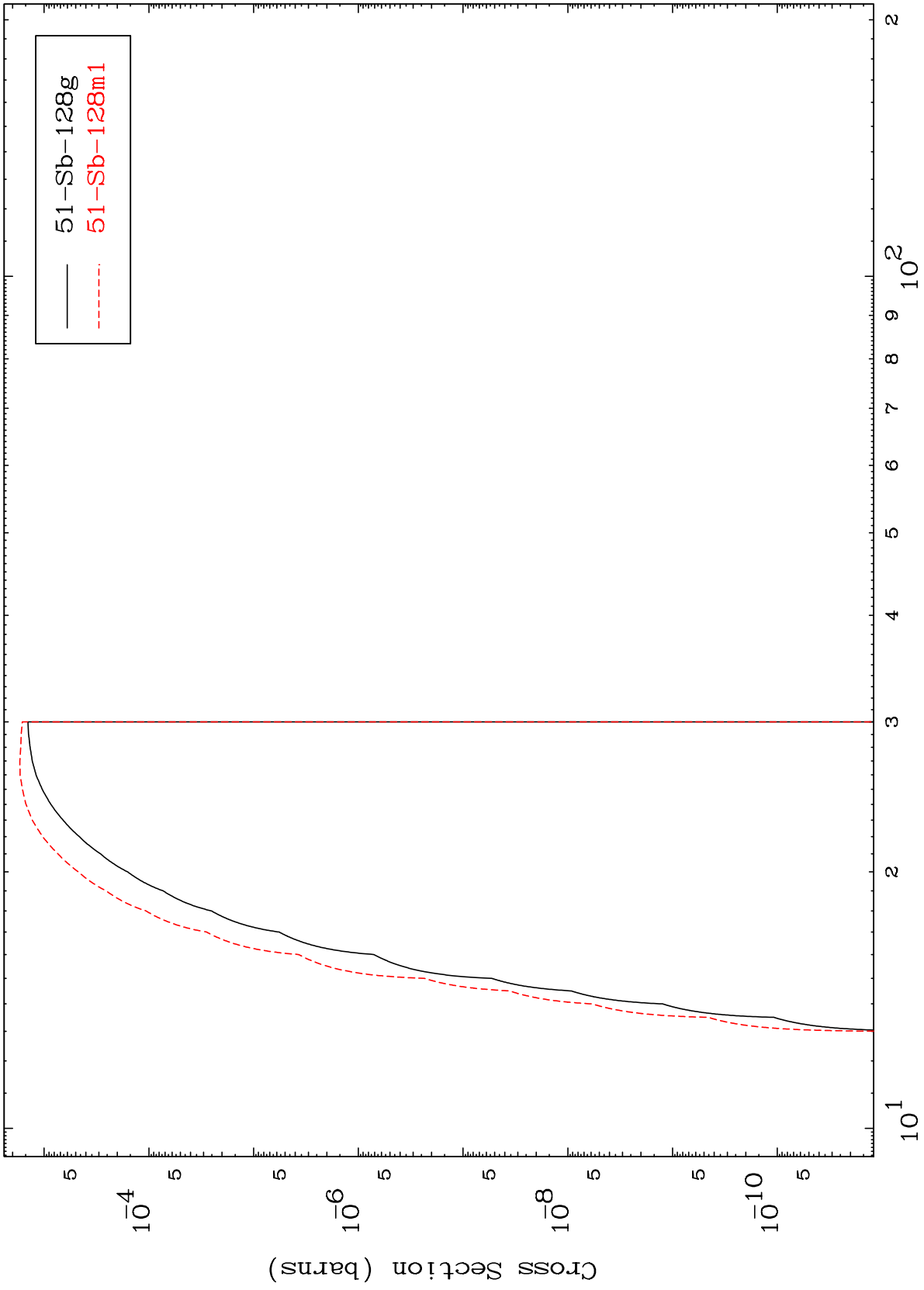
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(n, t)  
Radionuclide Production Cross Section



142

Incident Energy (MeV)

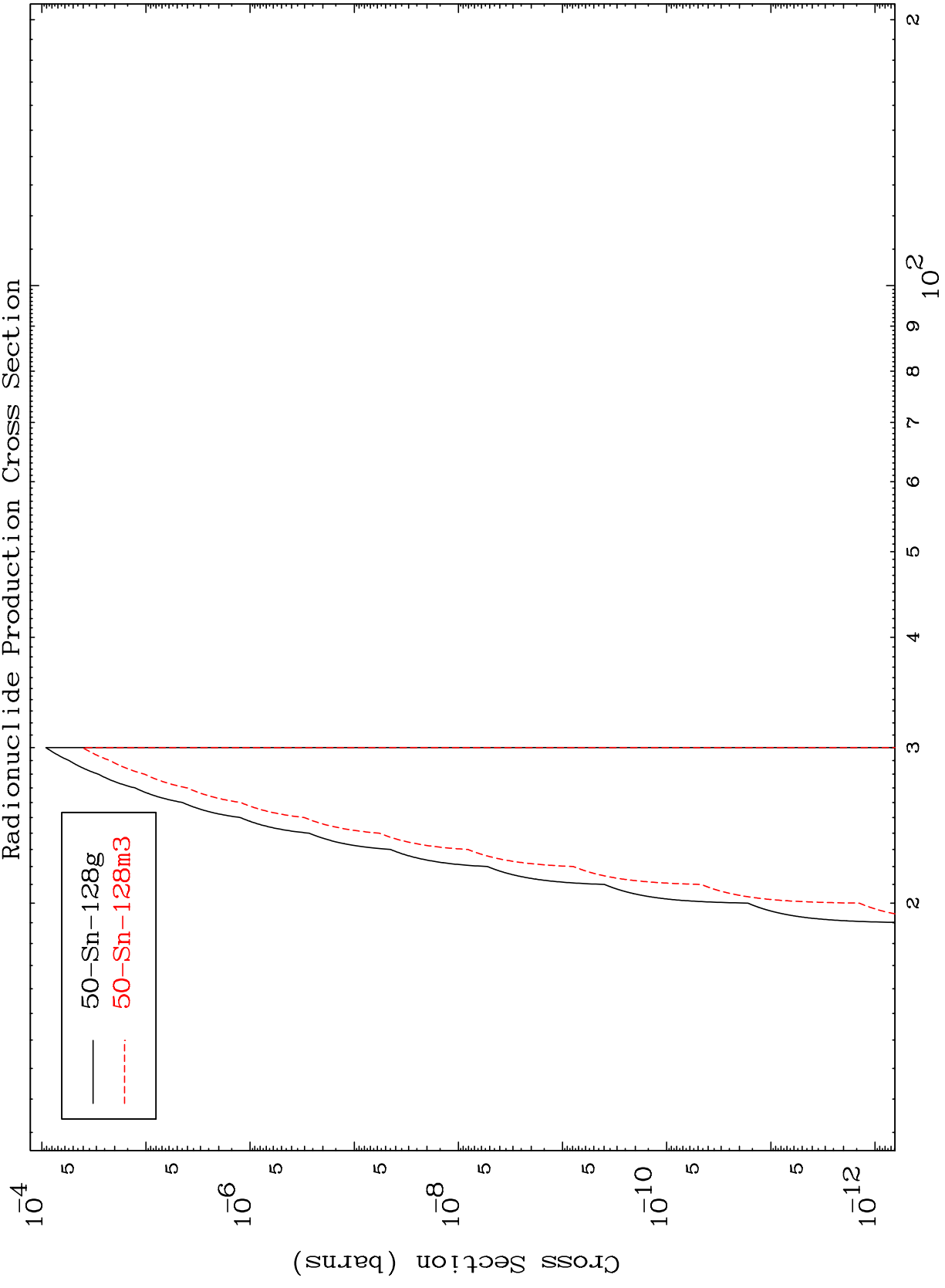
52-Te-130

MAT 5255

(n,He-3)

52-Te-130

Radionuclide Production Cross Section



143

Incident Energy (MeV)

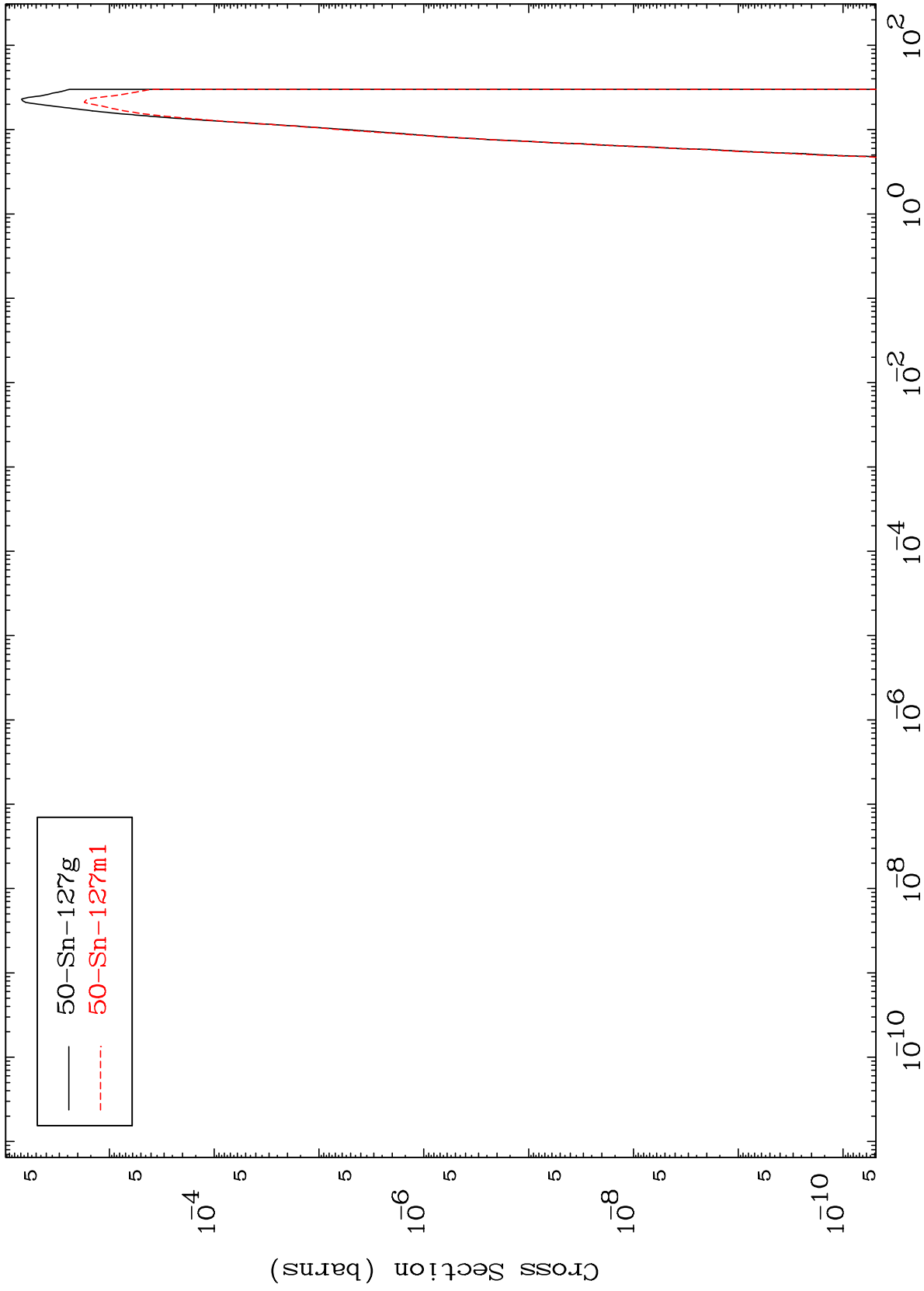
52-Te-130

MAT 5255

(n,  $\alpha$ )

52-Te-130

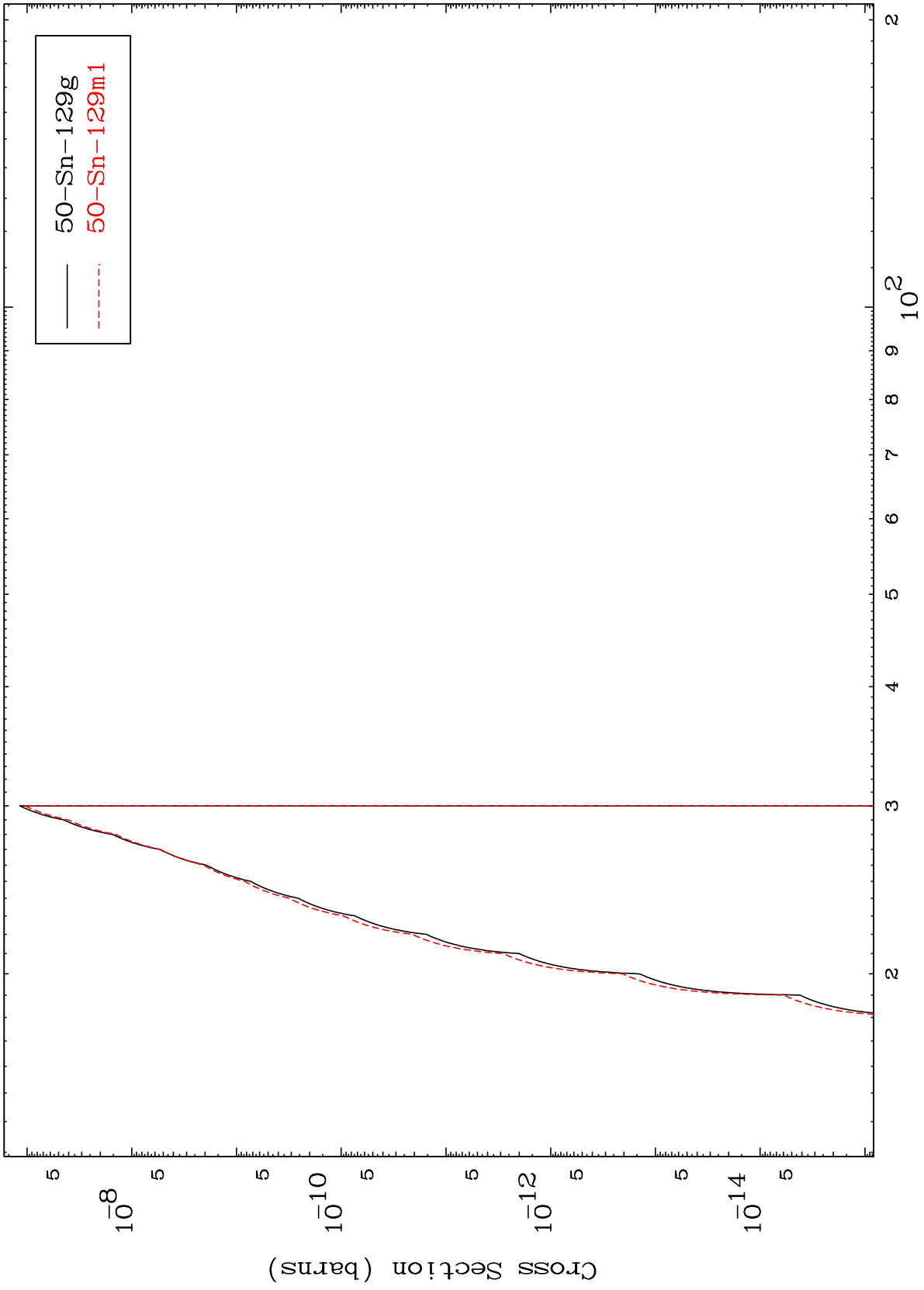
Radionuclide Production Cross Section



MAT 5255

52-Te-130

(n,2p)  
Radionuclide Production Cross Section



145

52-Te-130

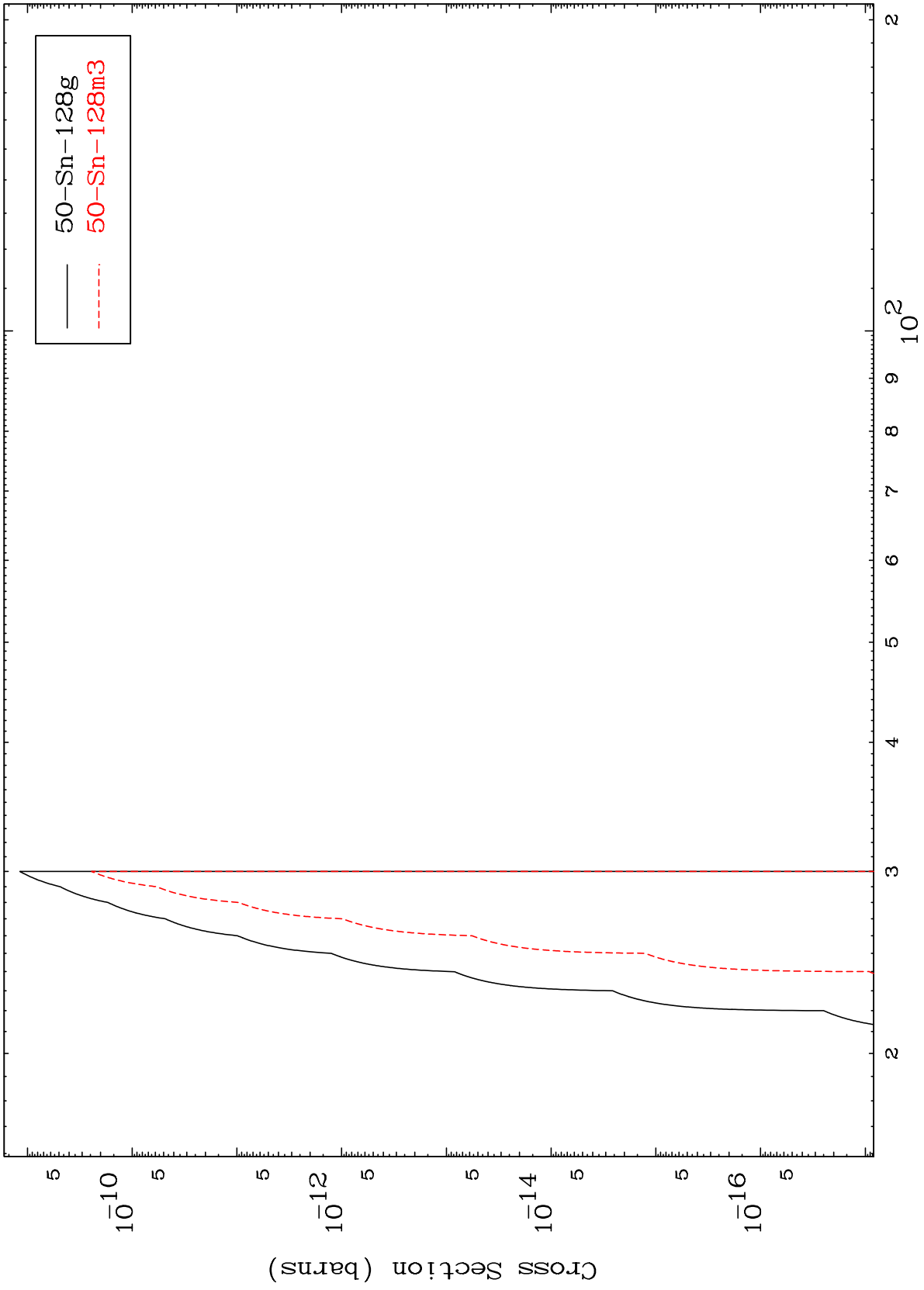
Incident Energy (MeV)

MAT 5255

(n,p) d

<sup>52</sup>Te-130

Radionuclide Production Cross Section



146

Incident Energy (MeV)

<sup>52</sup>Te-130