

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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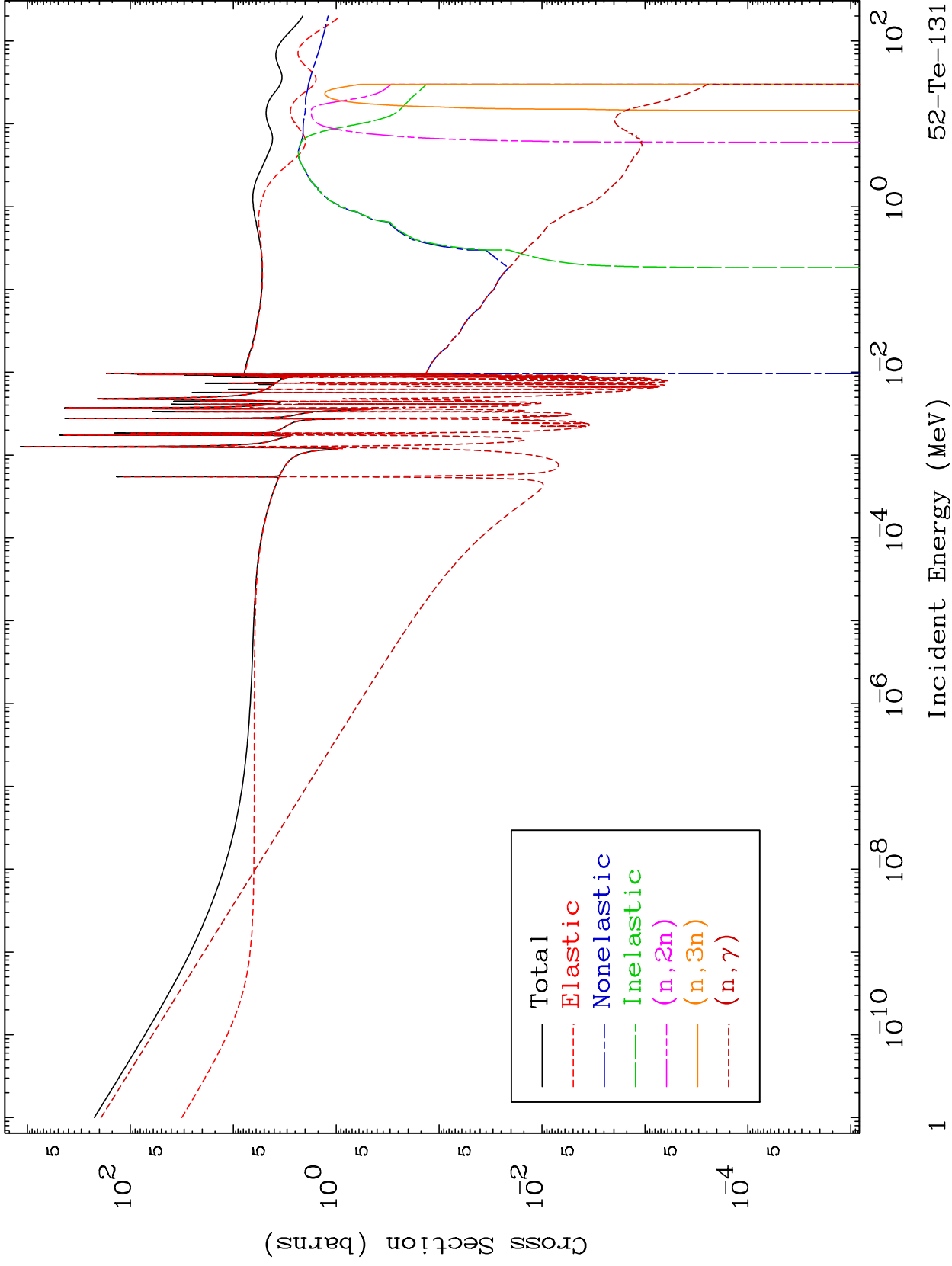
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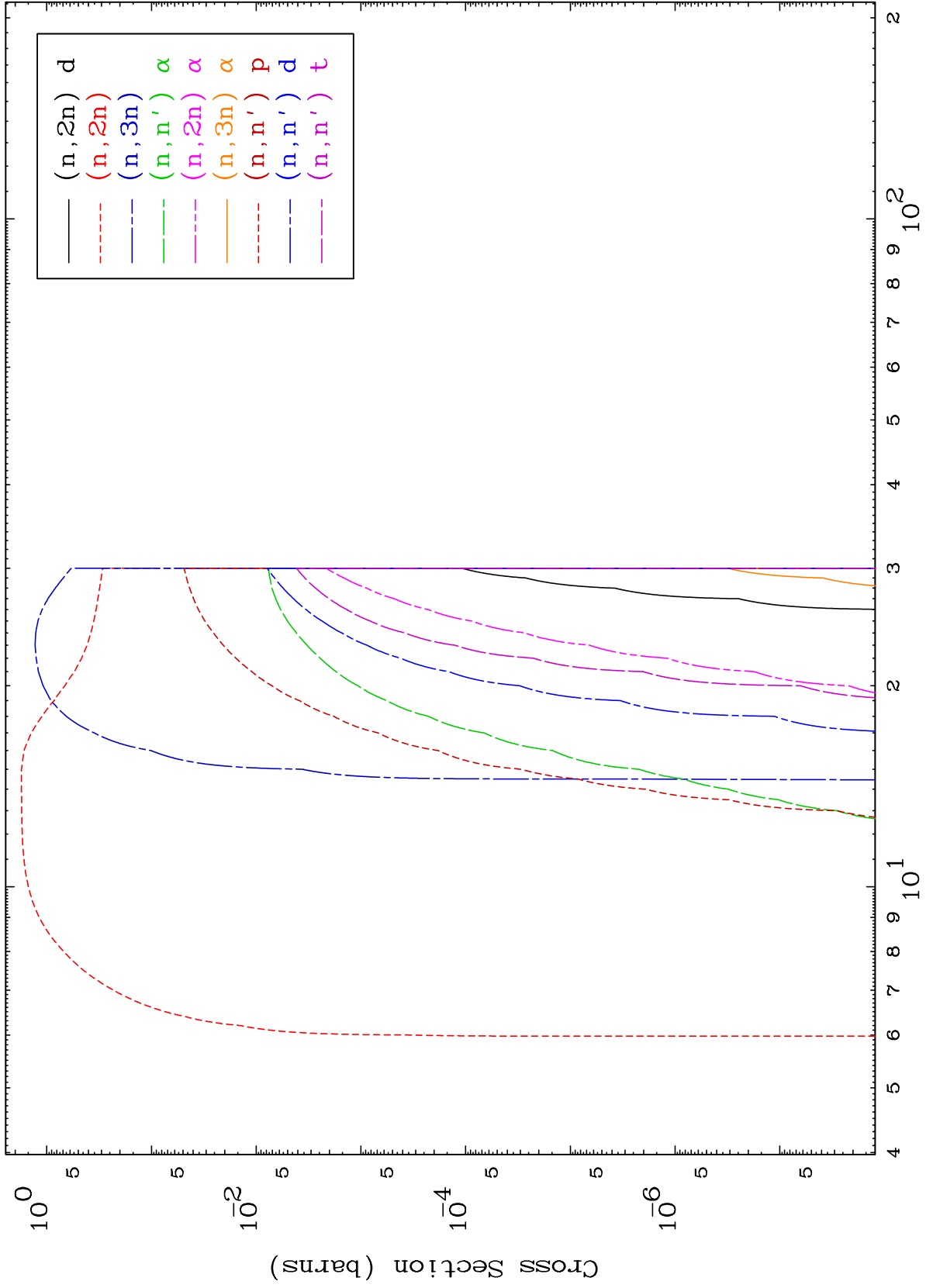
Press Mouse Button to Start

MAT 5258

Neutron Major  
293 Kelvin Cross Sections

52-Te-131

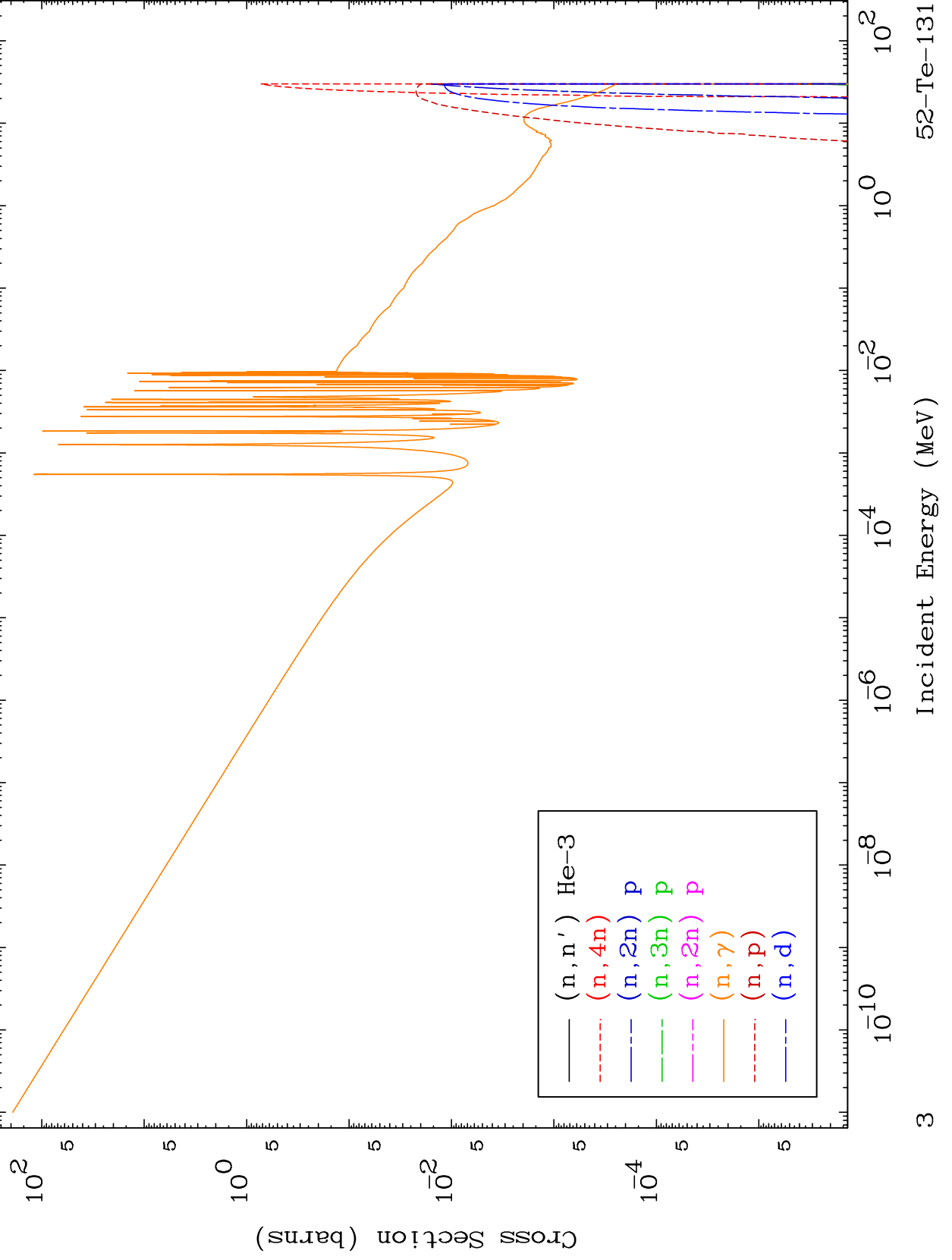


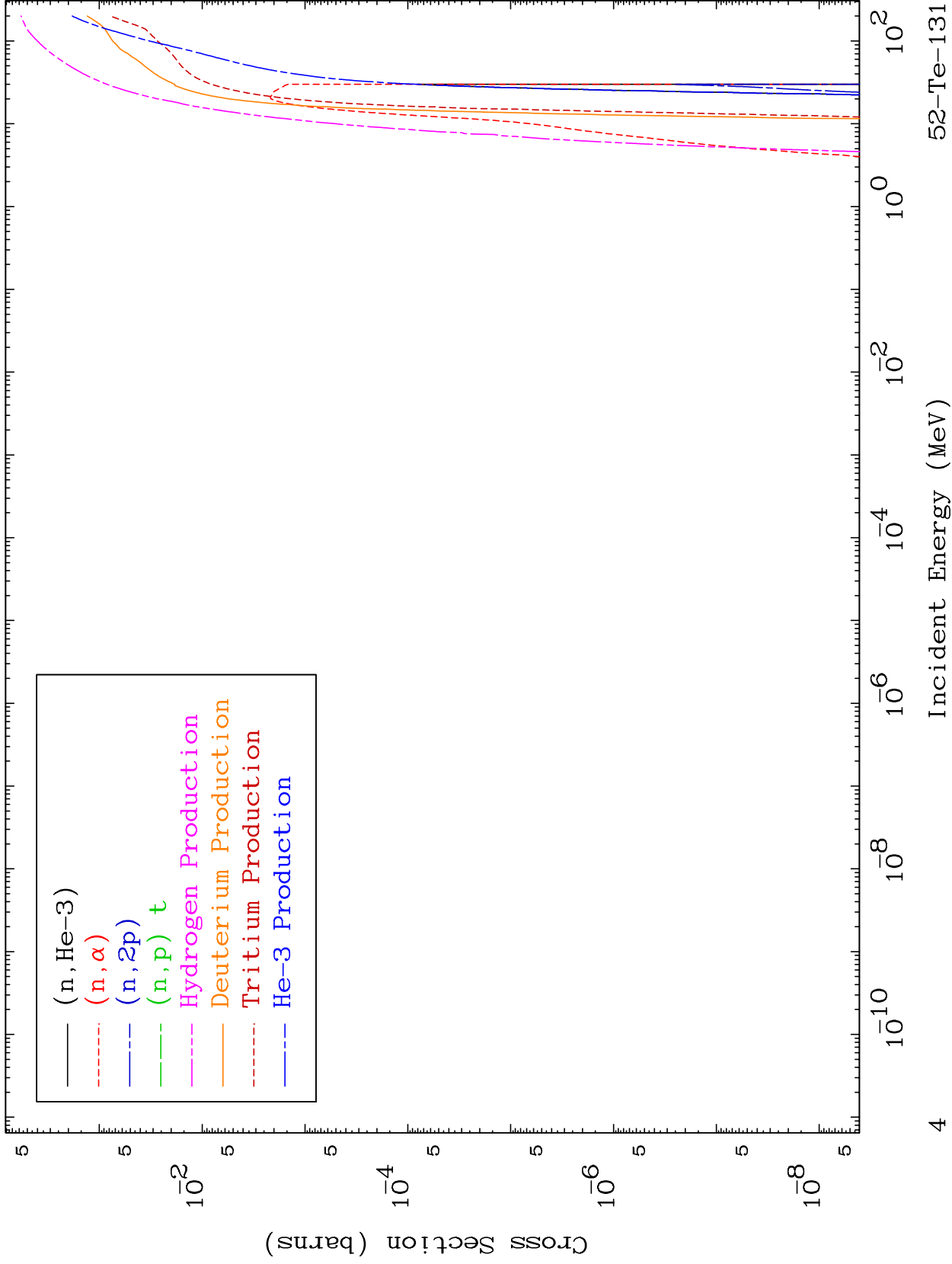


MAT 5258

Neutron Absorption  
293 Kelvin Cross Sections

52-Te-131

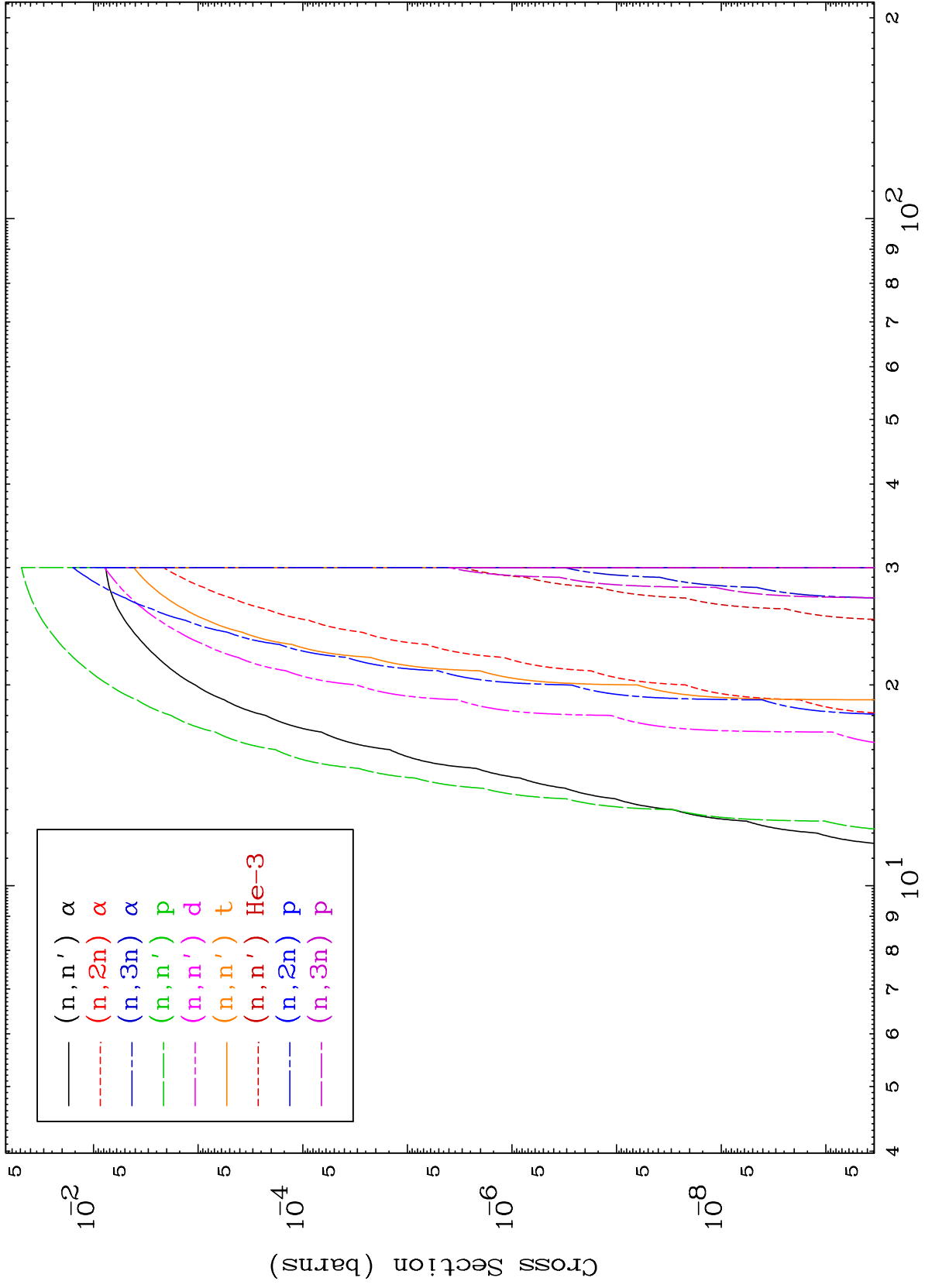




MAT 5258

Charged Particle  
293 Kelvin Cross Sections

52-Te-131



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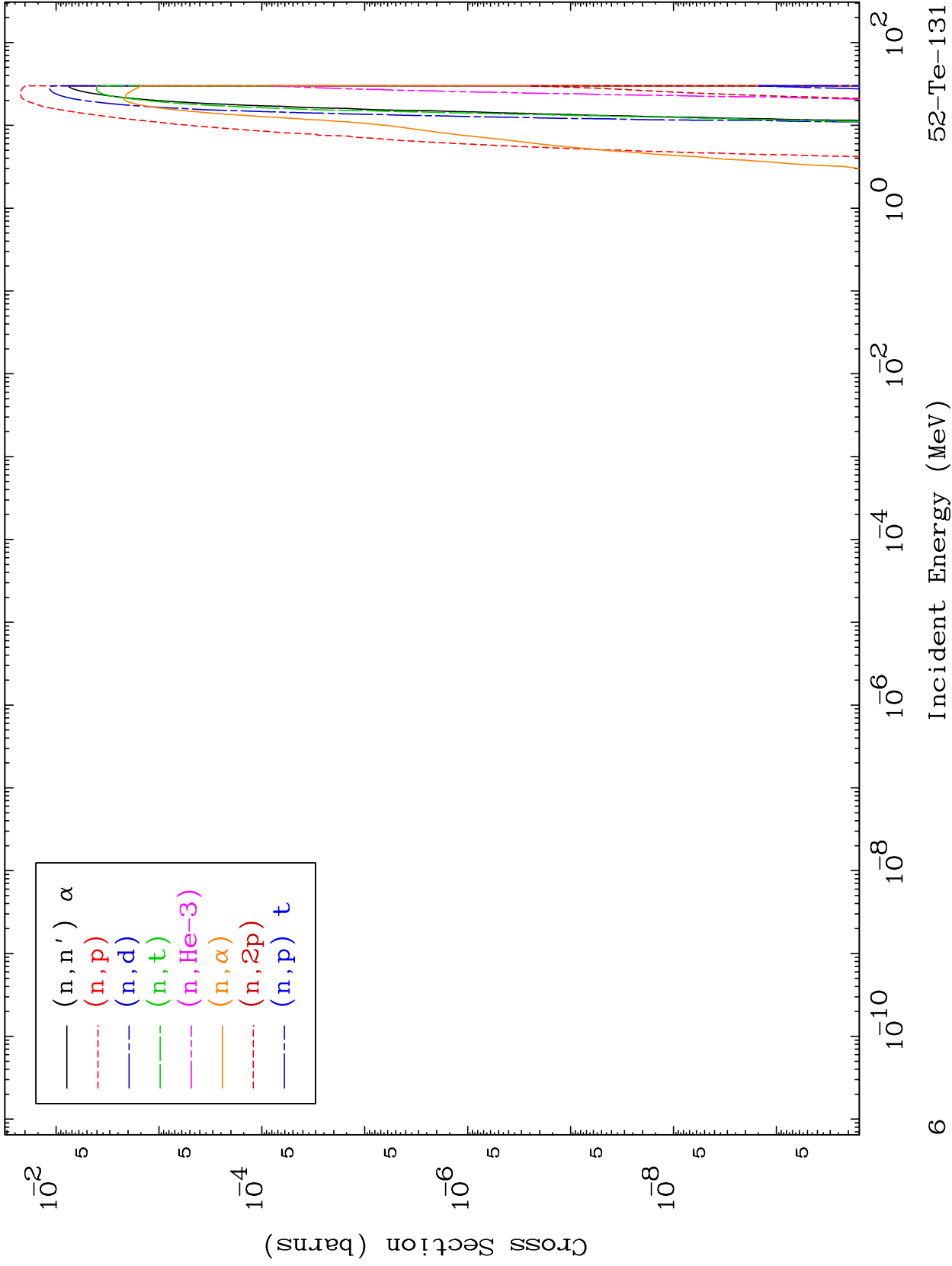
Incident Energy (MeV)

52-Te-131

MAT 5258

Charged Particle  
293 Kelvin Cross Sections

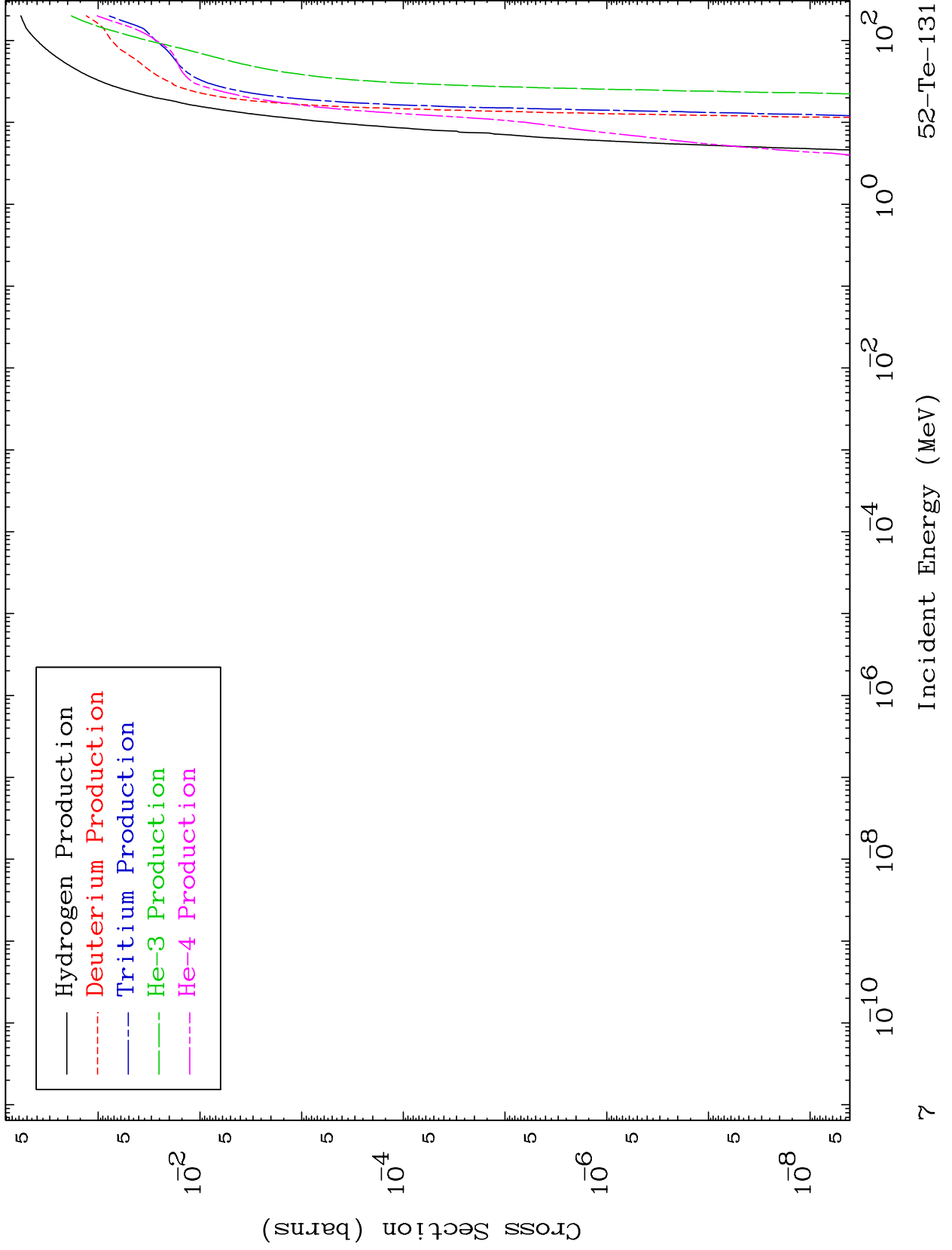
52-Te-131



MAT 5258

Particle Production  
293 Kelvin Cross Sections

52-Te-131

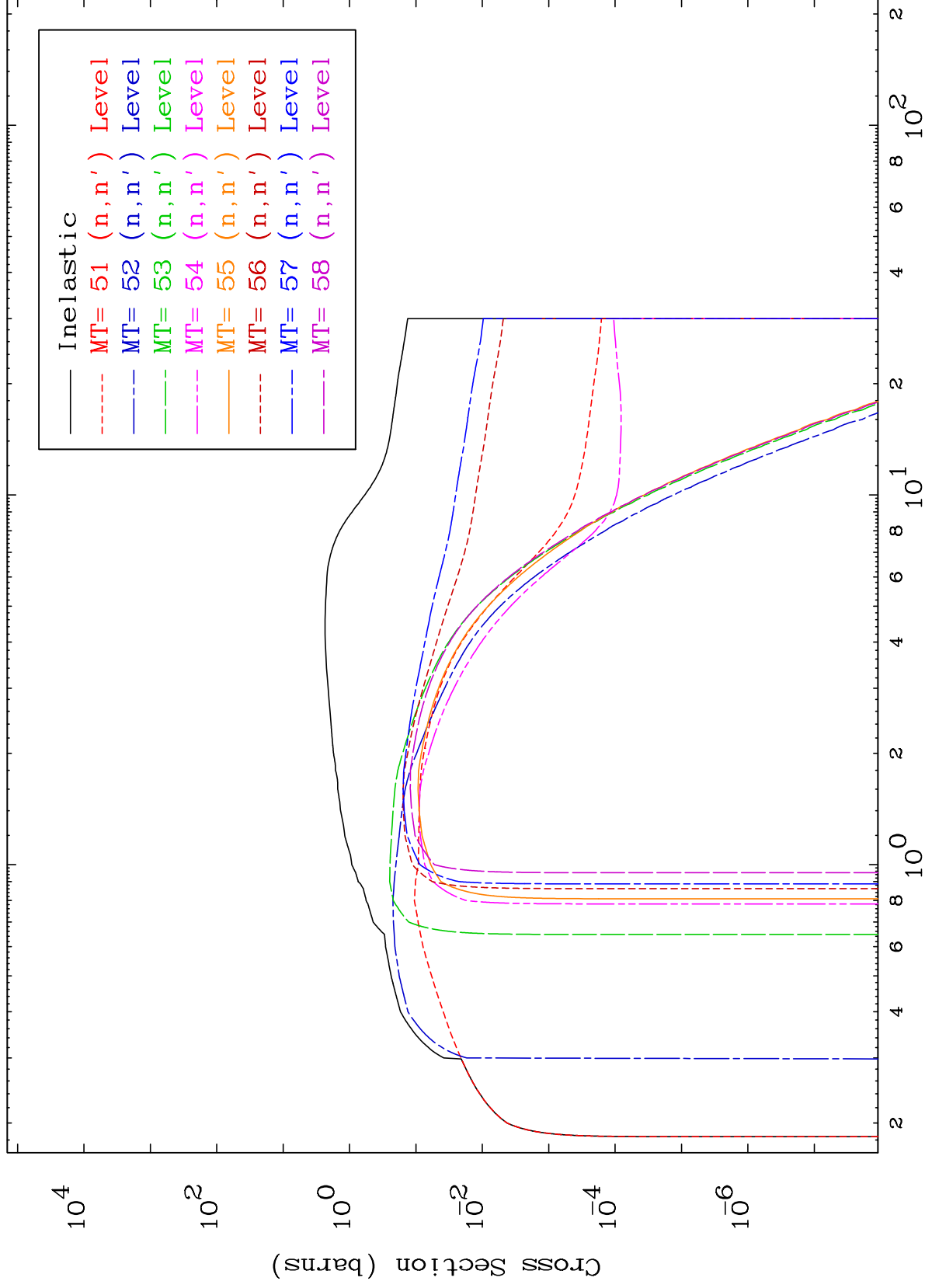


MAT 5258

(n,n') Levels

293 Kelvin Cross Sections

52-Te-131



8

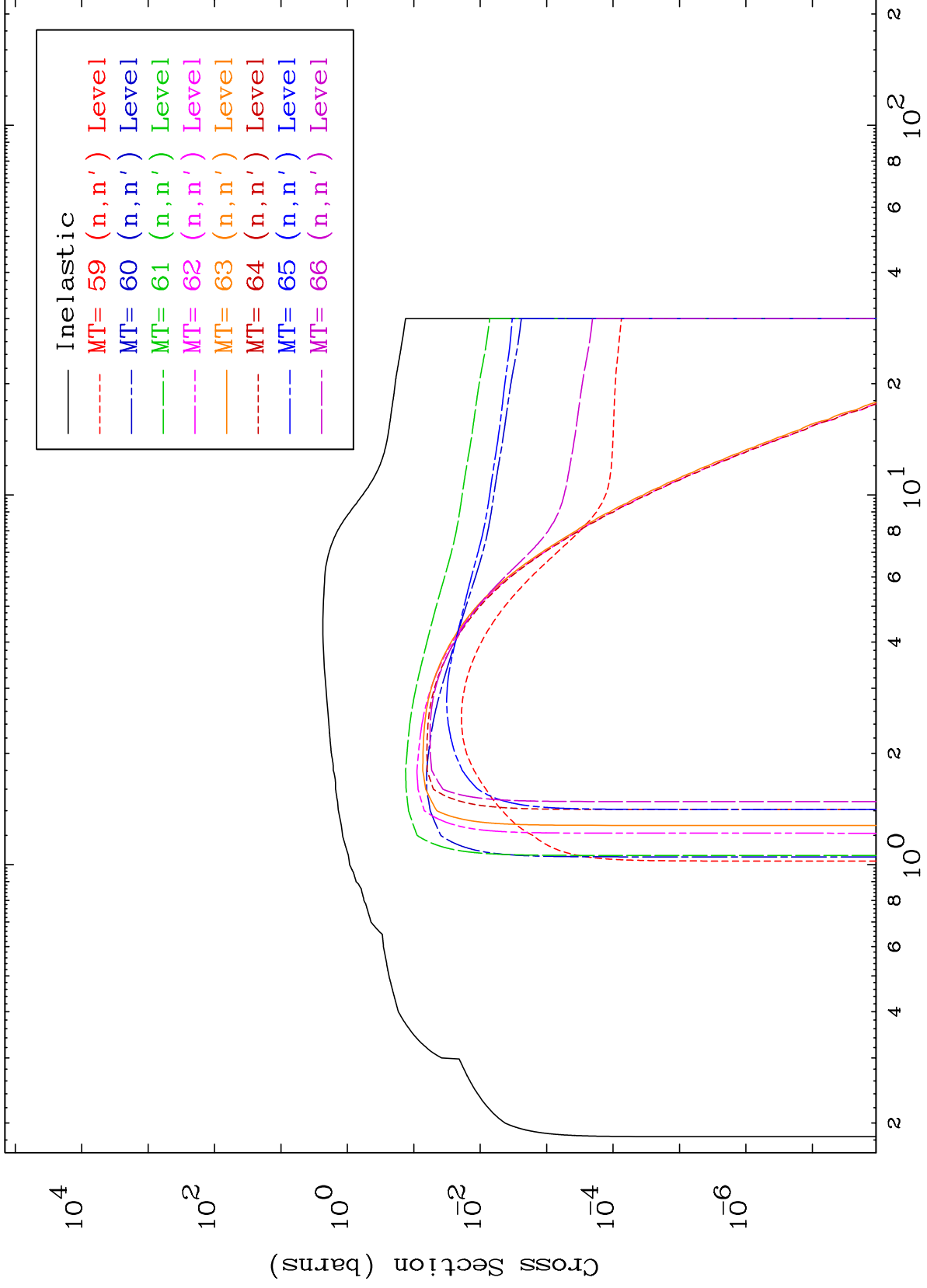
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,n') Levels  
293 Kelvin Cross Sections

52-Te-131



9

Incident Energy (MeV)

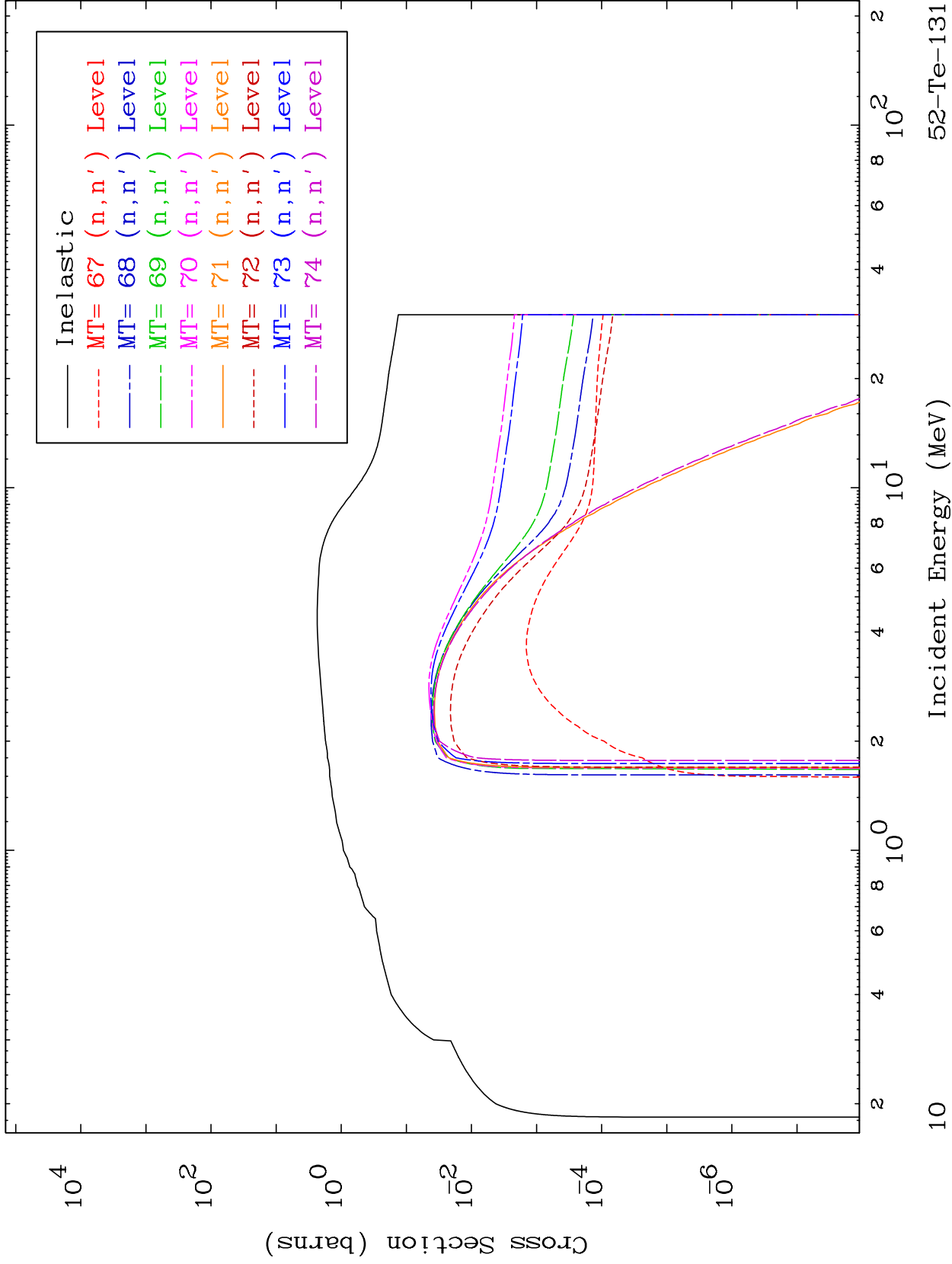
52-Te-131

MAT 5258

(n,n') Levels

52-Te-131

293 Kelvin Cross Sections

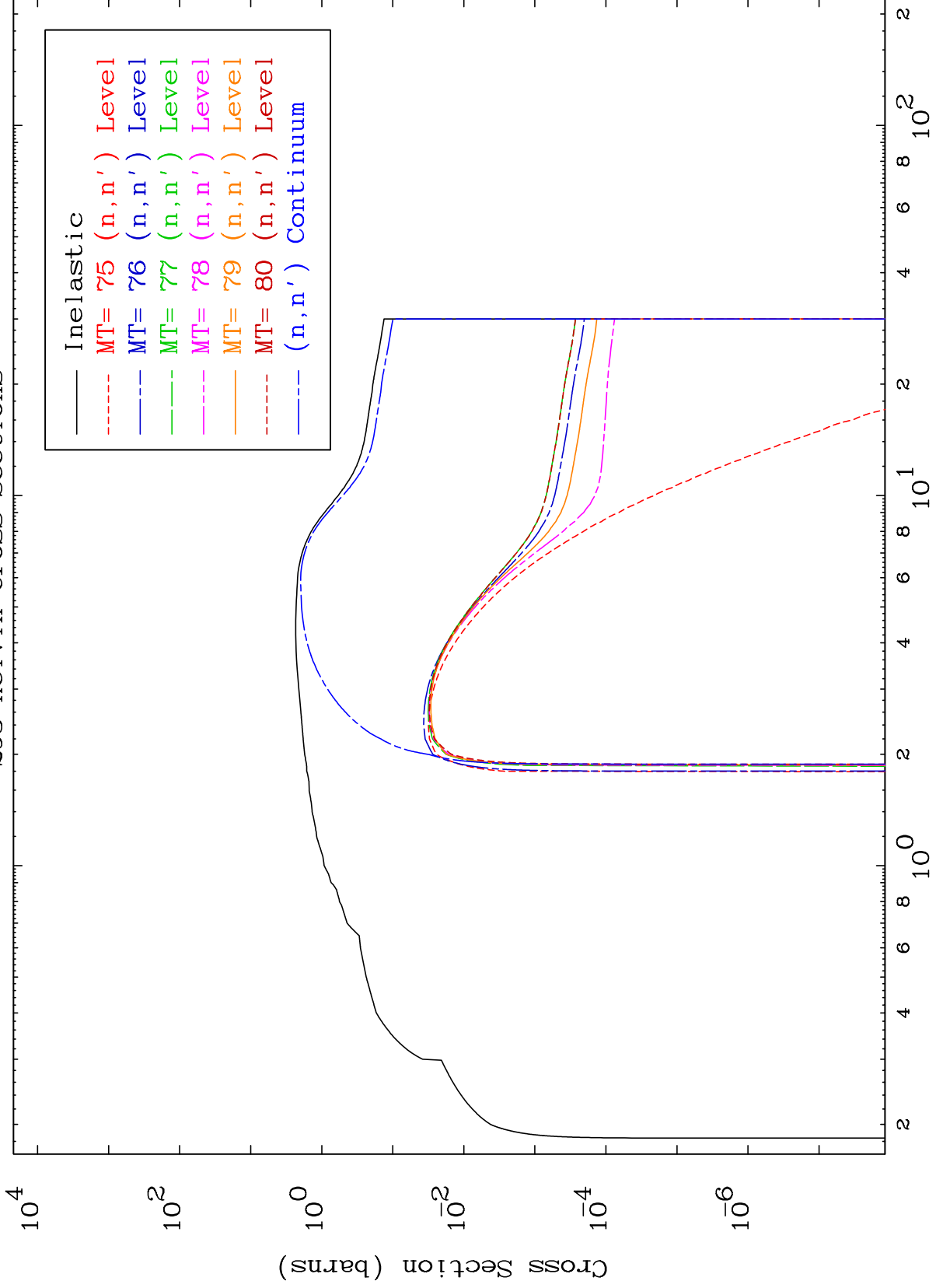


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Incident Energy (MeV)

52-Te-131

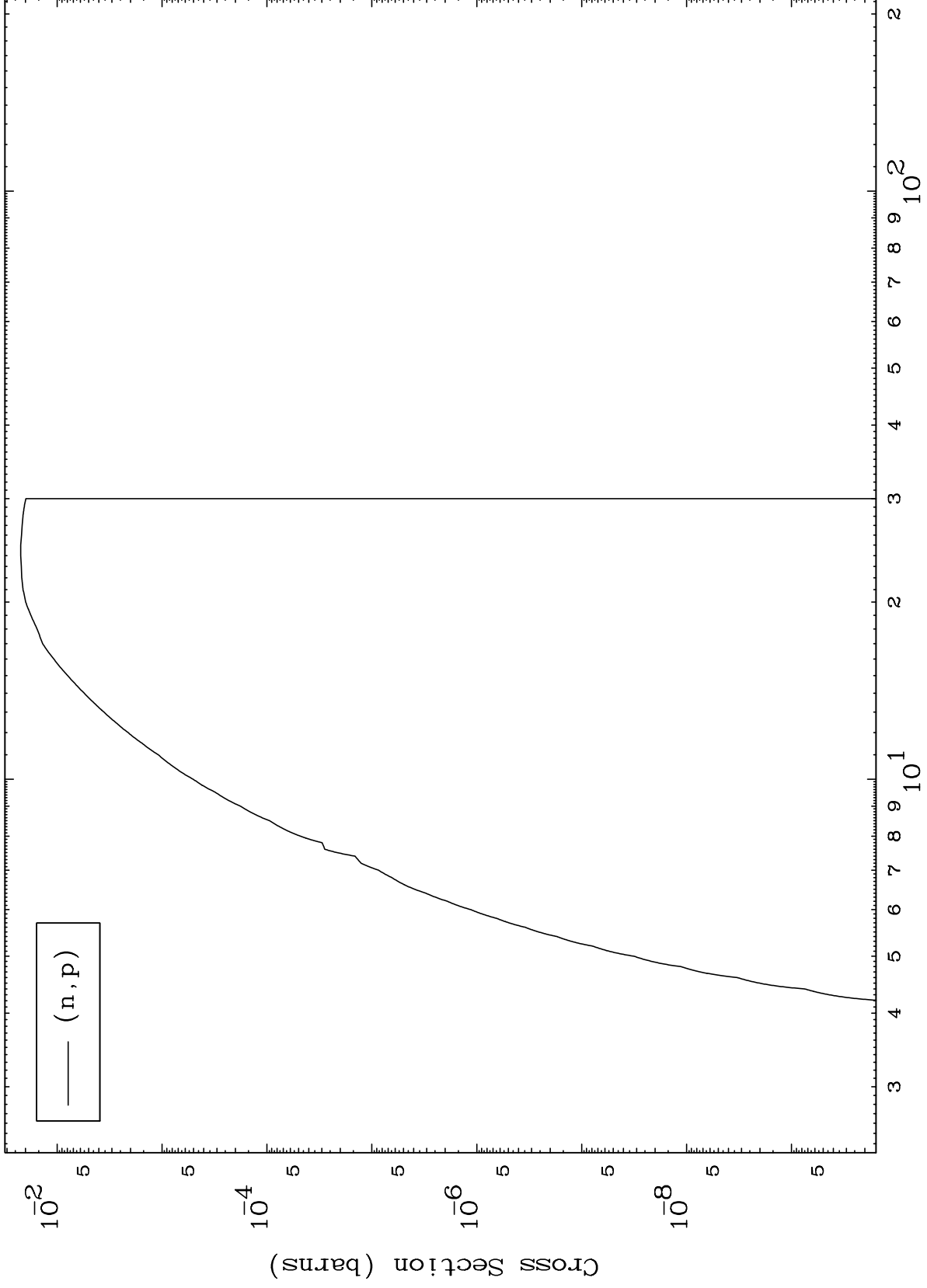
293 Kelvin Cross Sections



MAT 5258

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-131



12

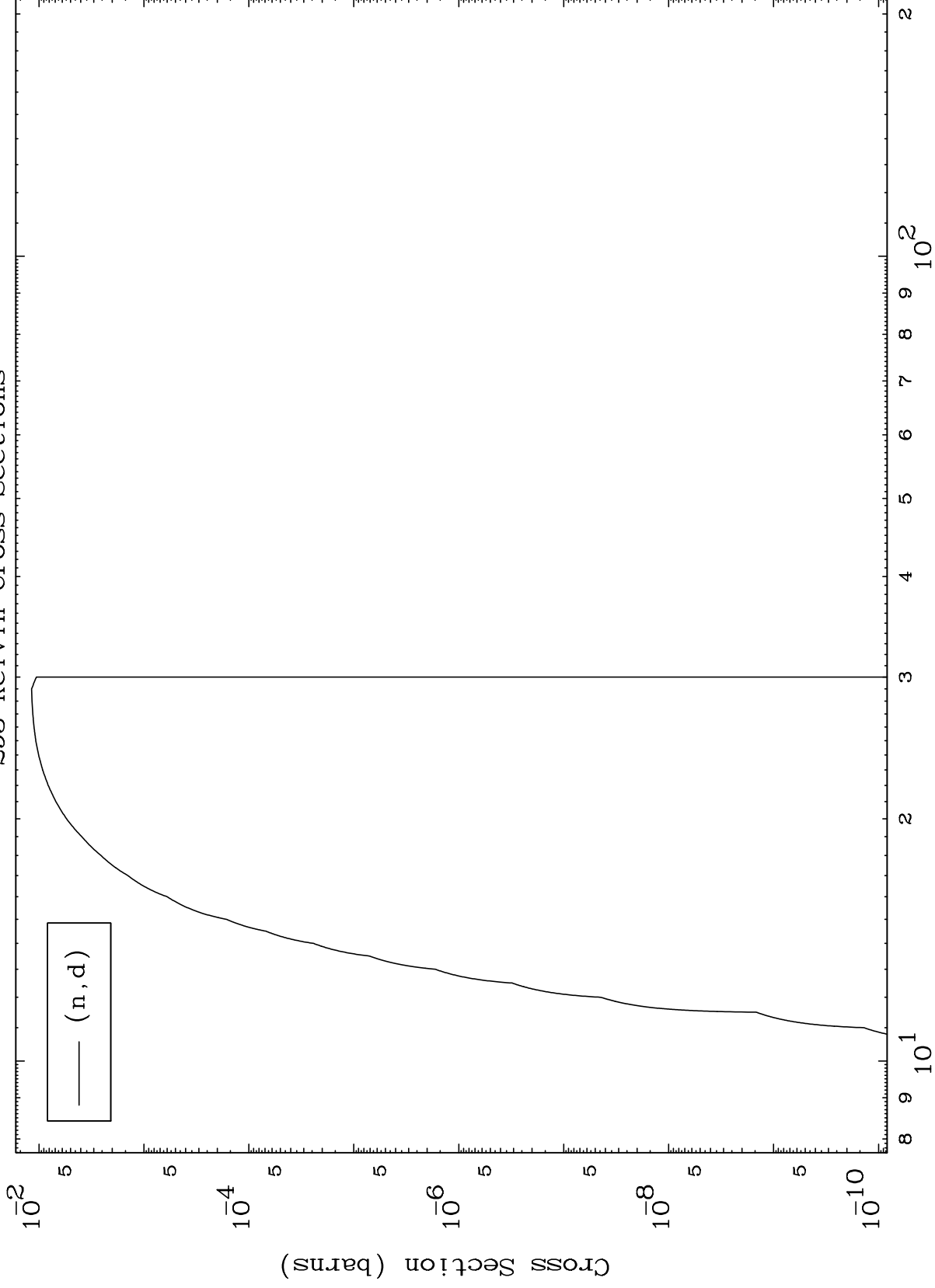
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-131



13

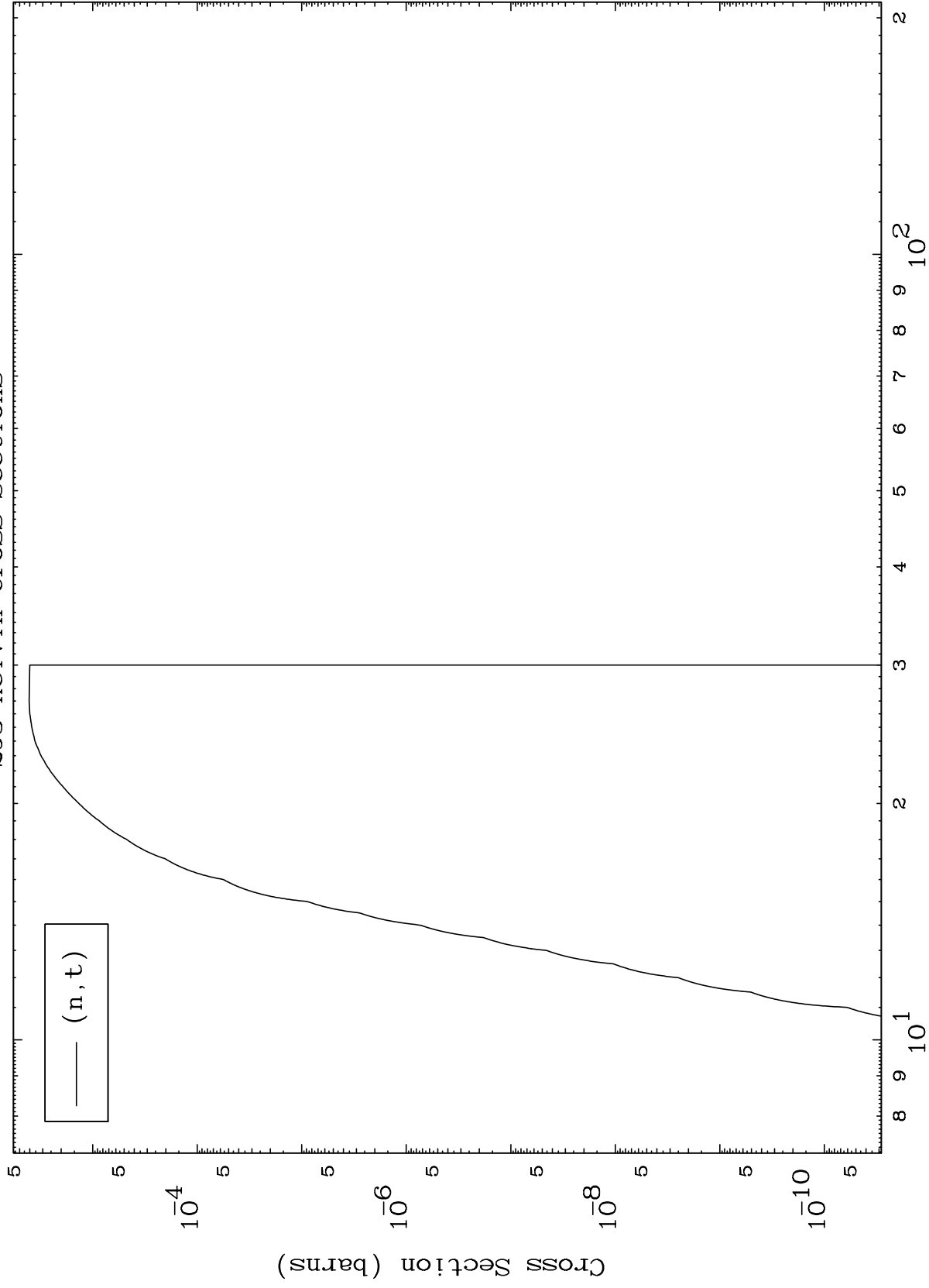
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-131



14

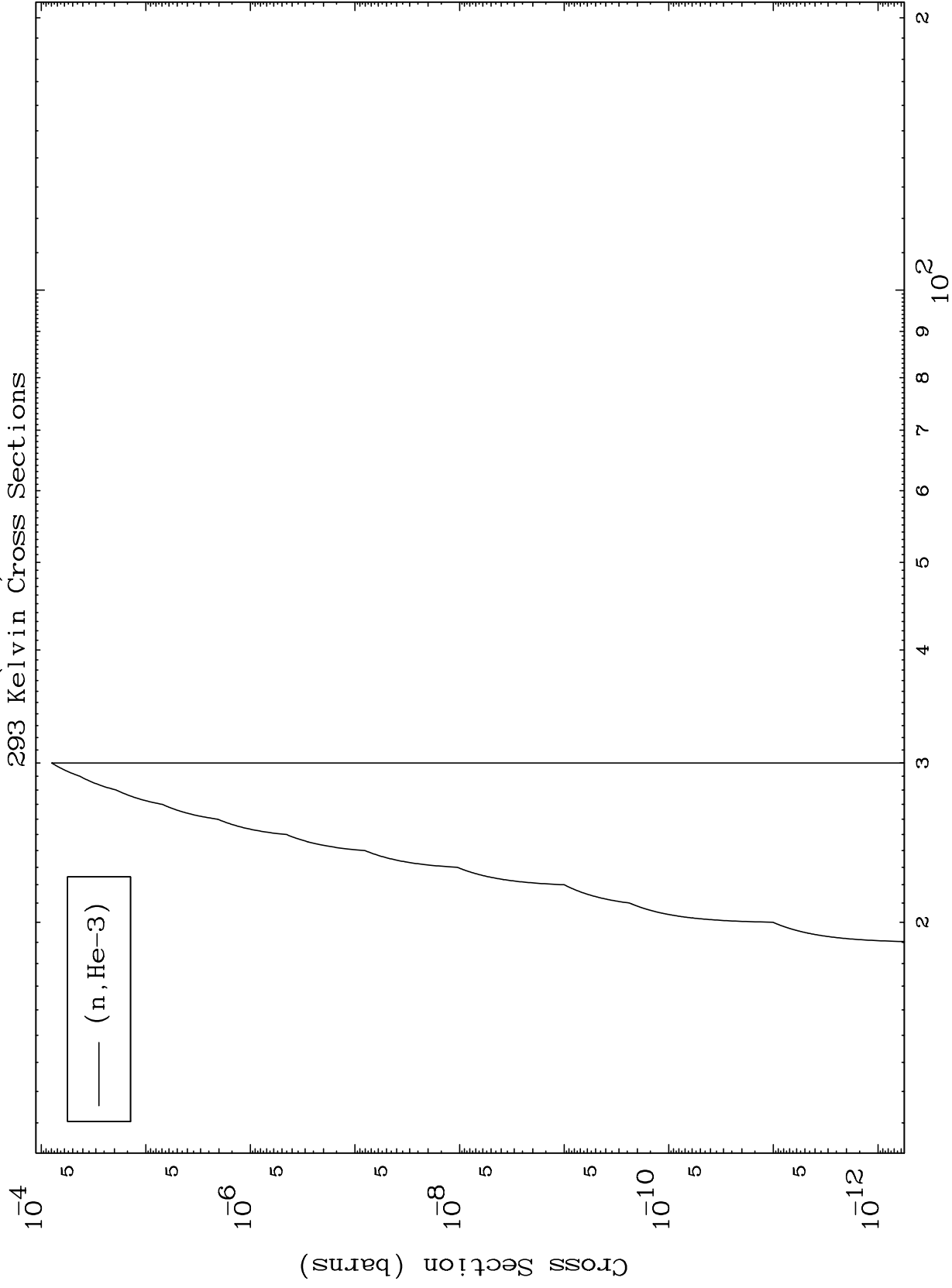
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-131



15

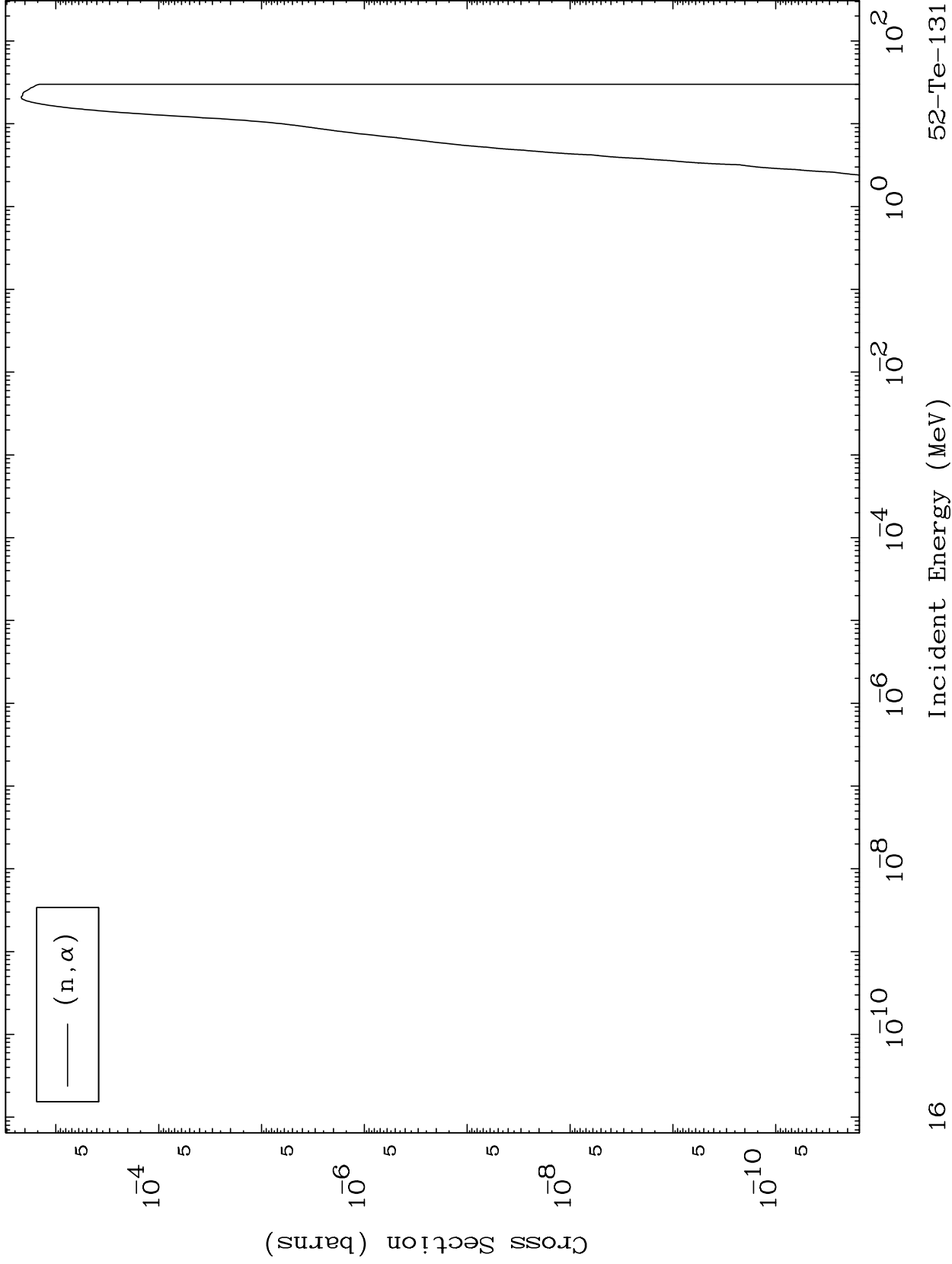
Incident Energy (MeV)

52-Te-131

MAT 5258

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

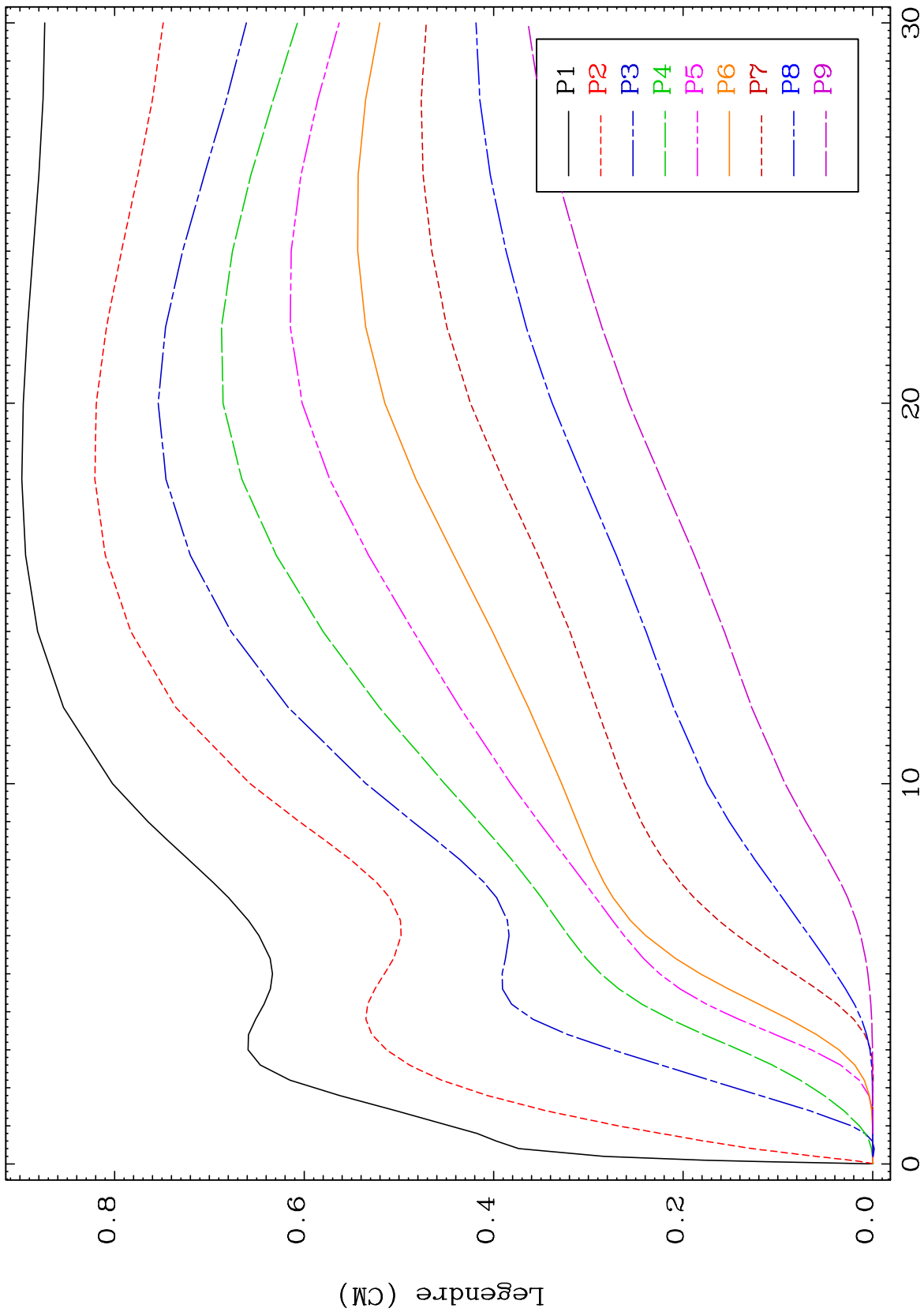
52-Te-131



MAT 5258

52-Te-131

Elastic Legendre Coefficients



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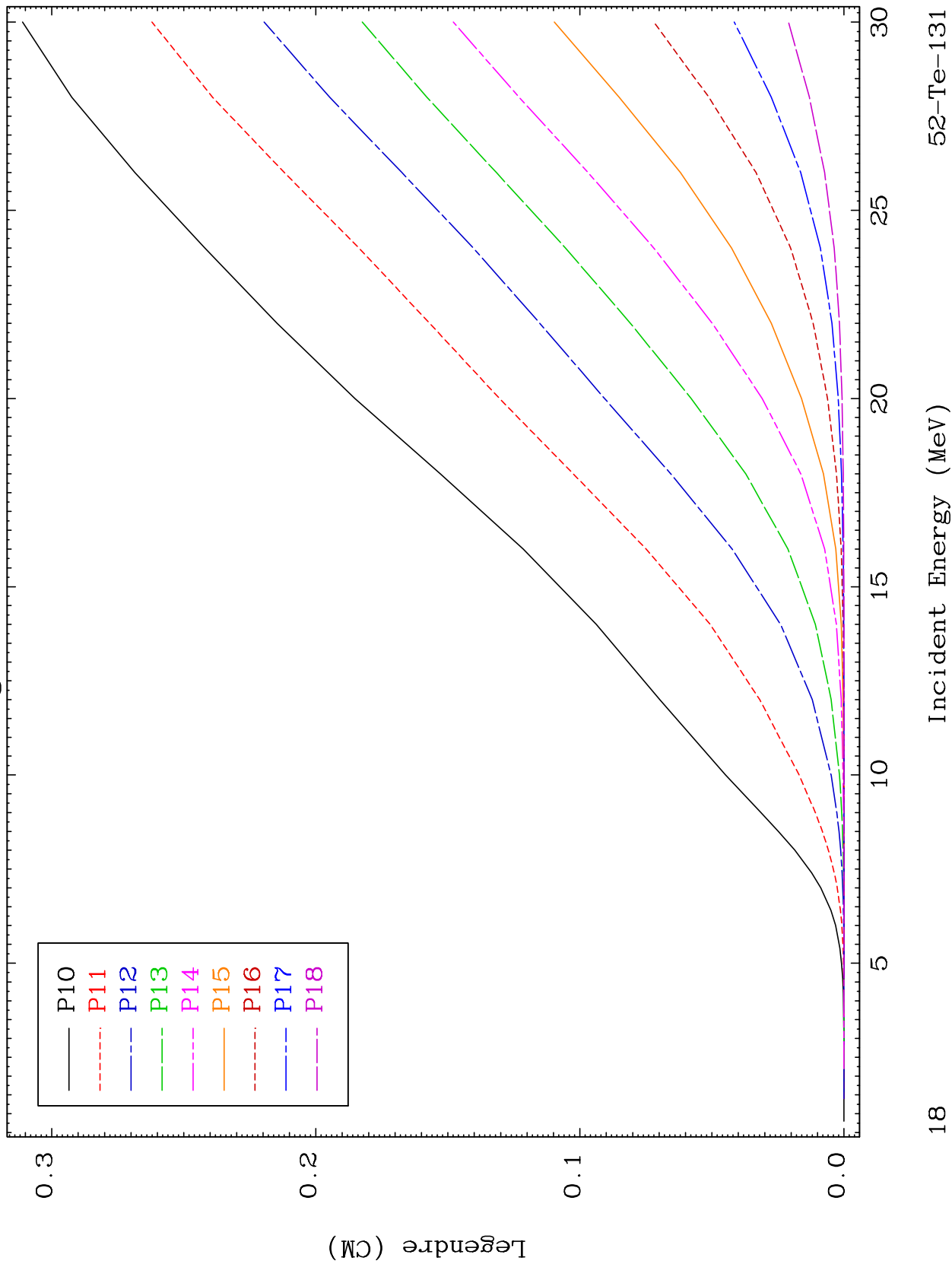
Incident Energy (MeV)

52-Te-131

MAT 5258

Elastic Legendre Coefficients

52-Te-131



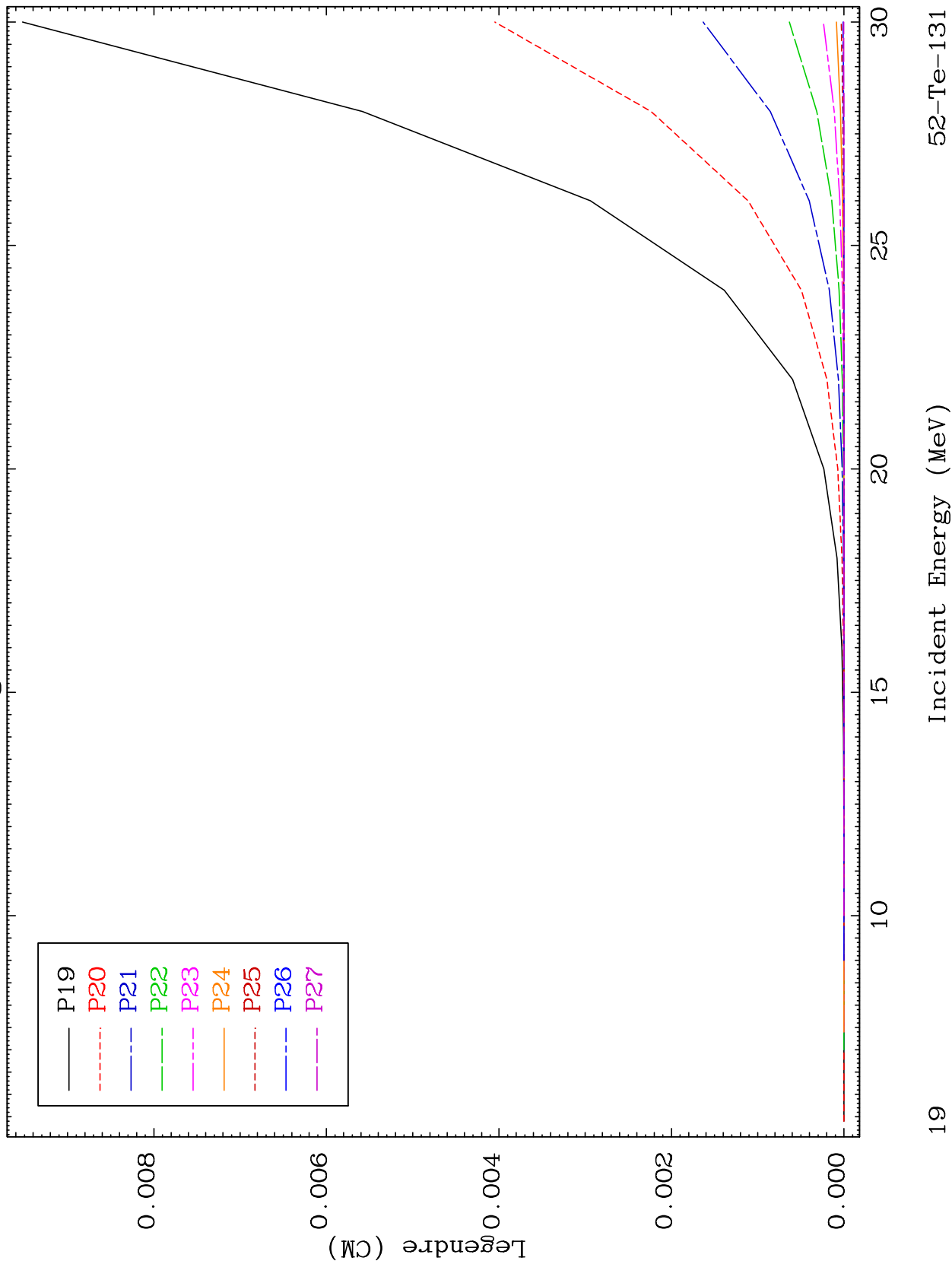
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52-Te-131

MAT 5258

### Elastic Legendre Coefficients

52-Te-131



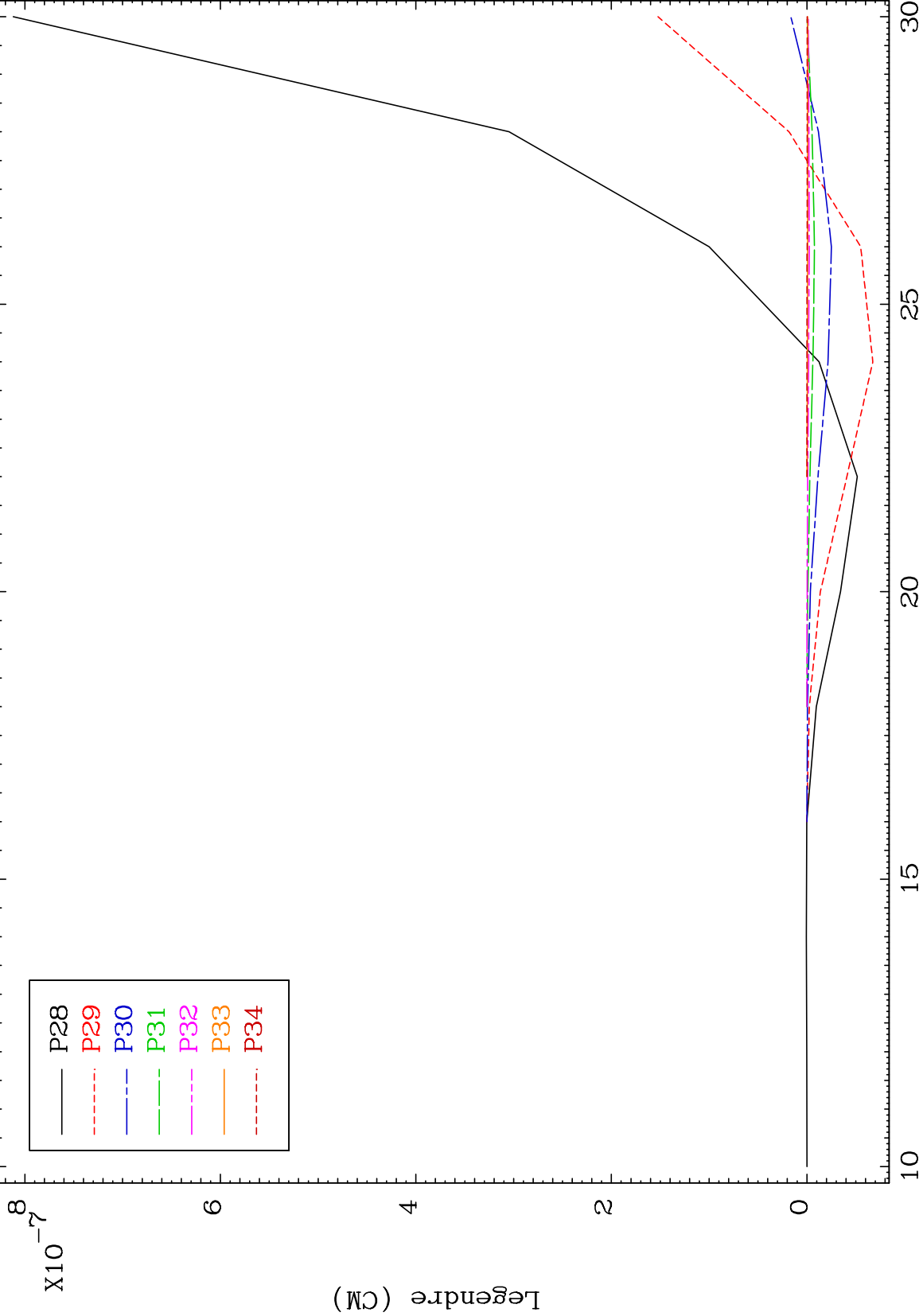
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52-Te-131

MAT 5258

Elastic  
Legendre Coefficients

52-Te-131



20

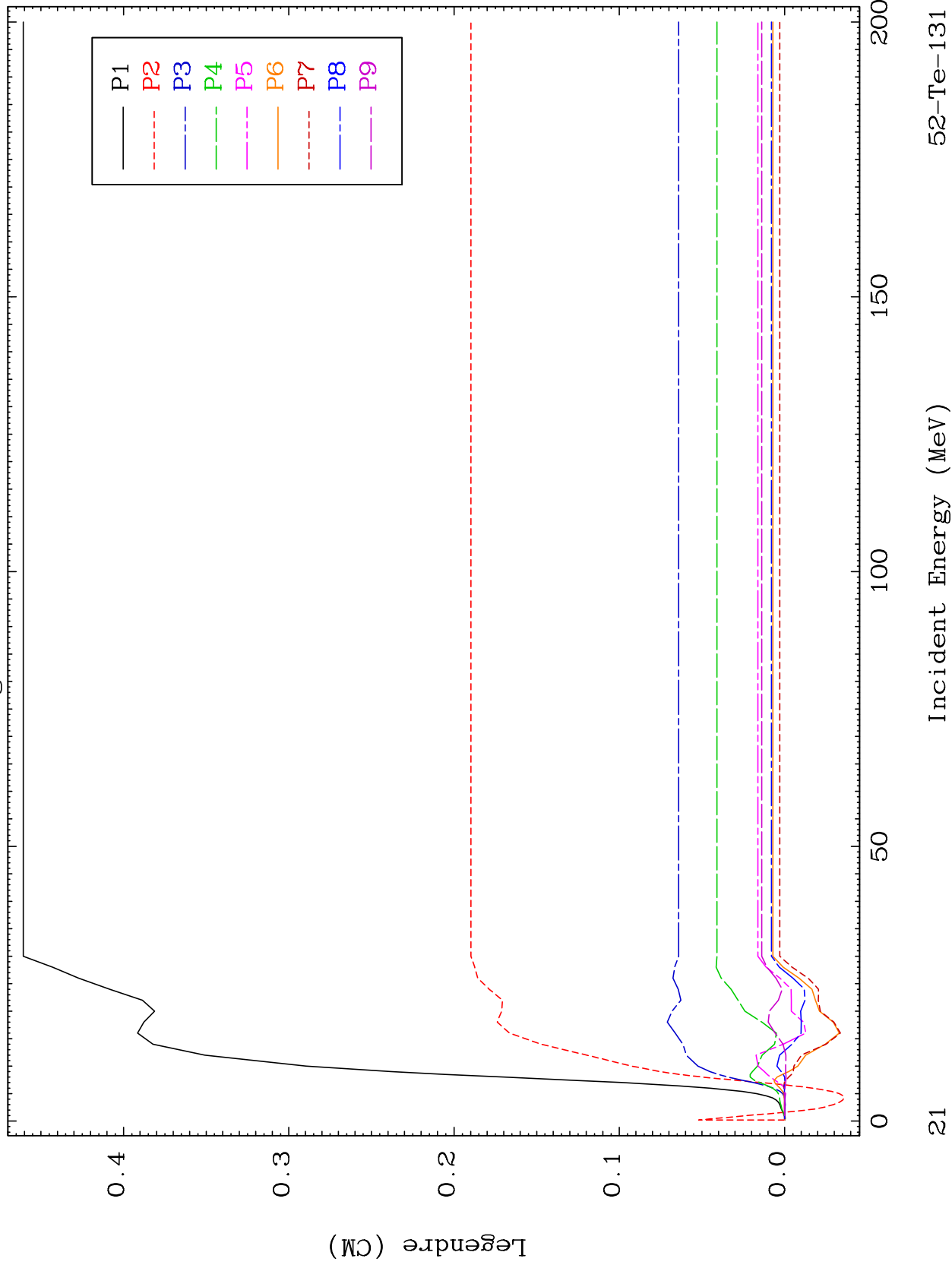
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



52-Te-131

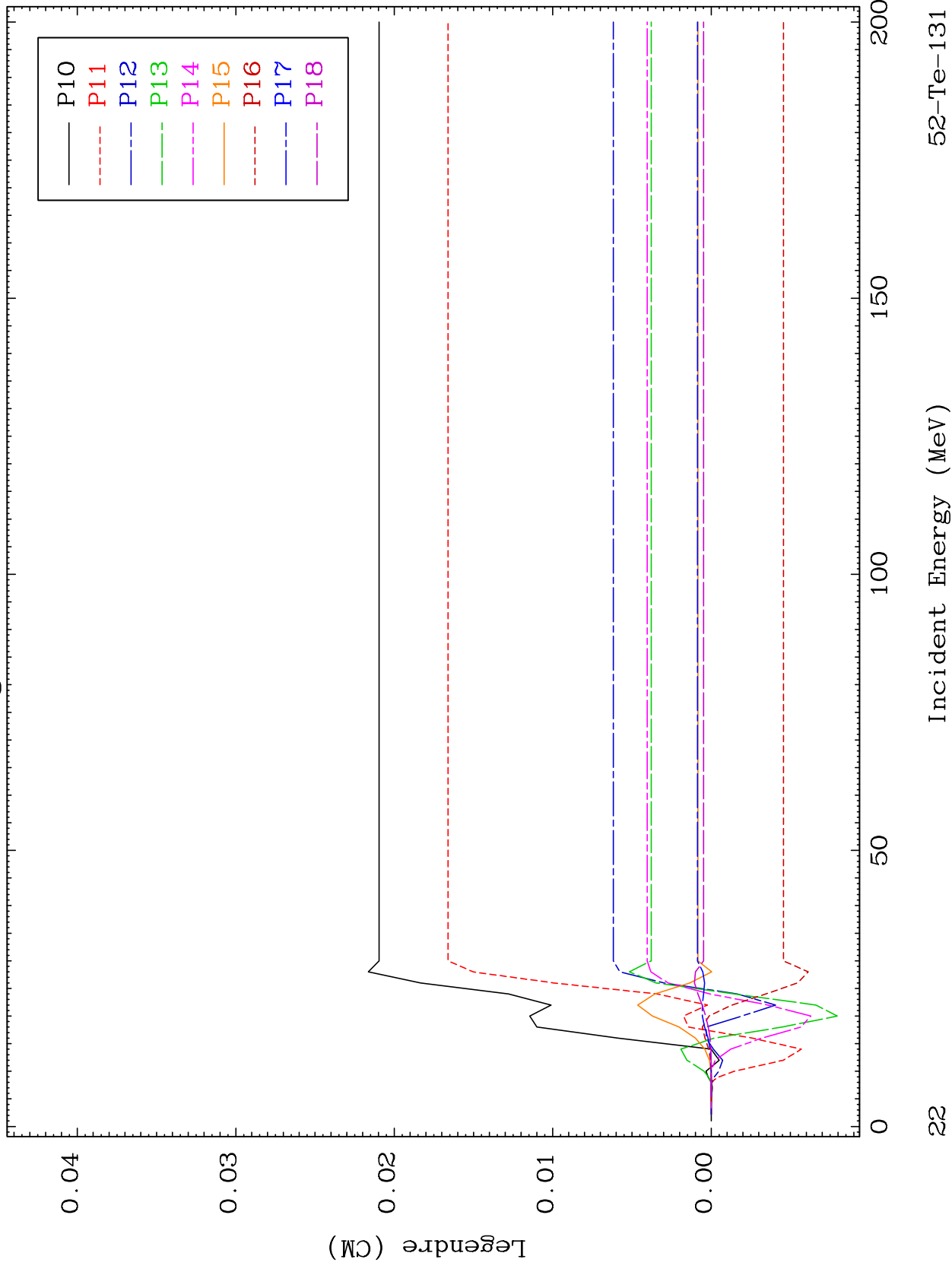
Incident Energy (MeV)

21

MAT 5258

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

52-Te-131



52-Te-131

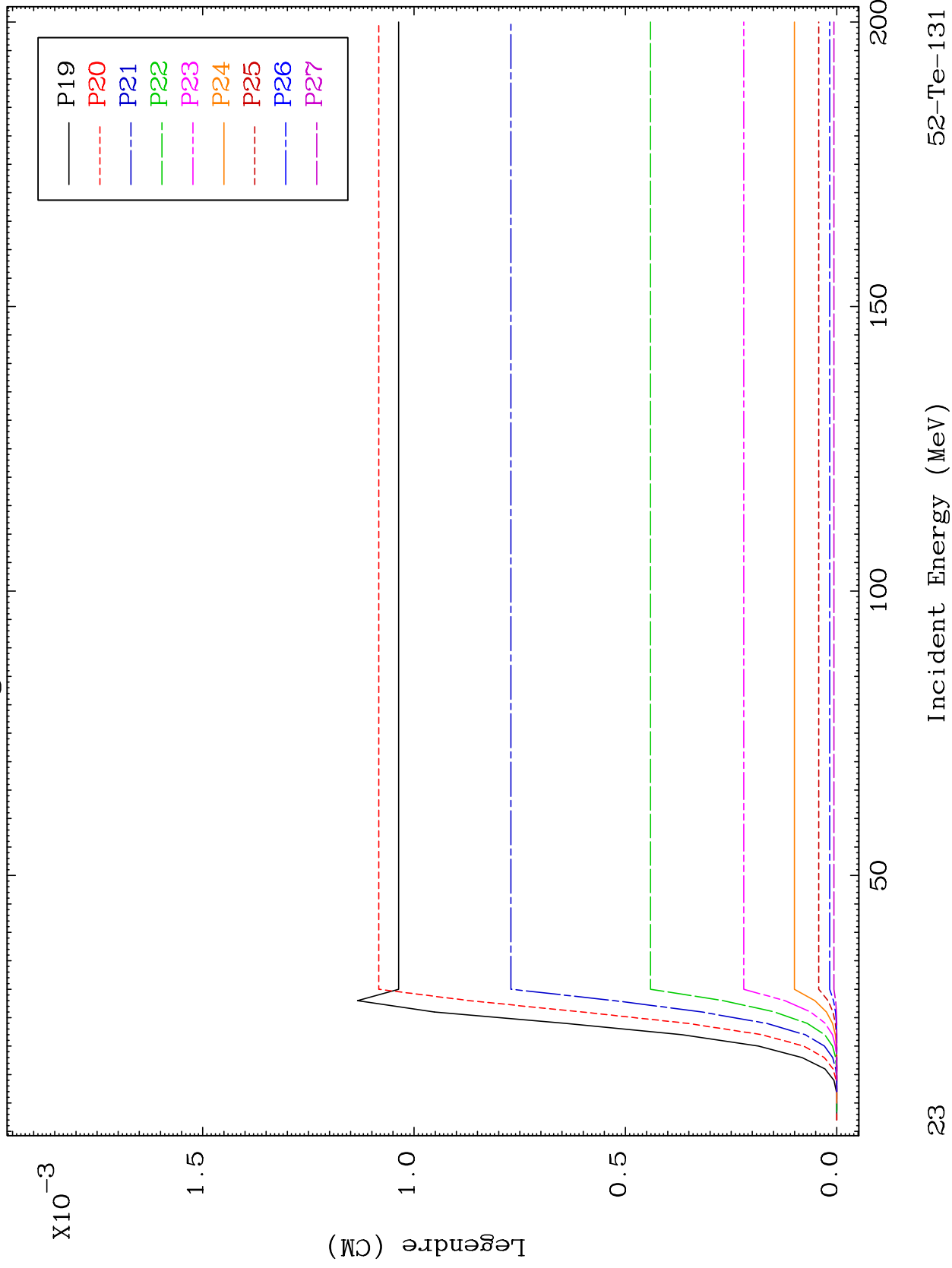
Incident Energy (MeV)

22

MAT 5258

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

52-Te-131

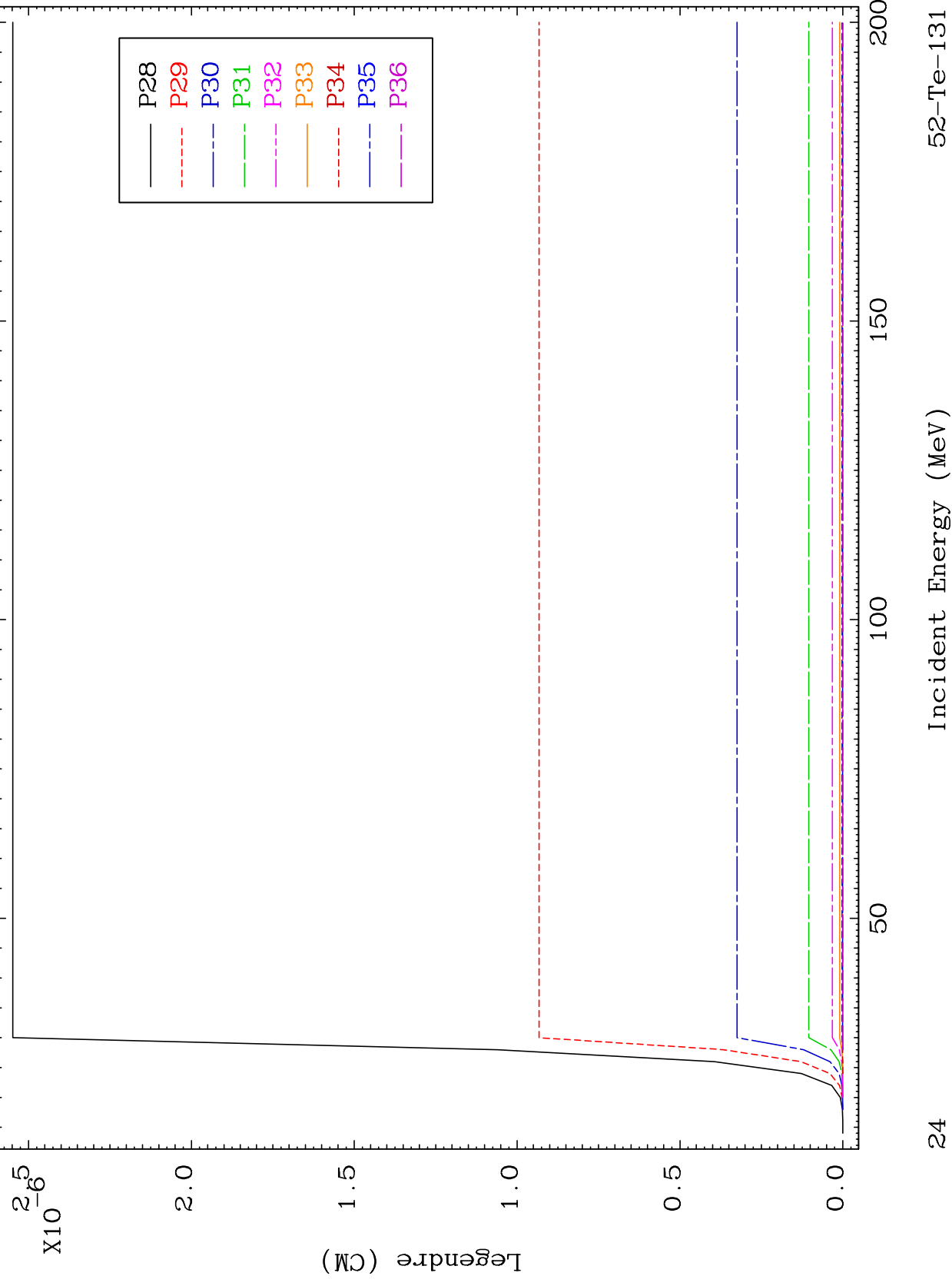


23

MAT 5258

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

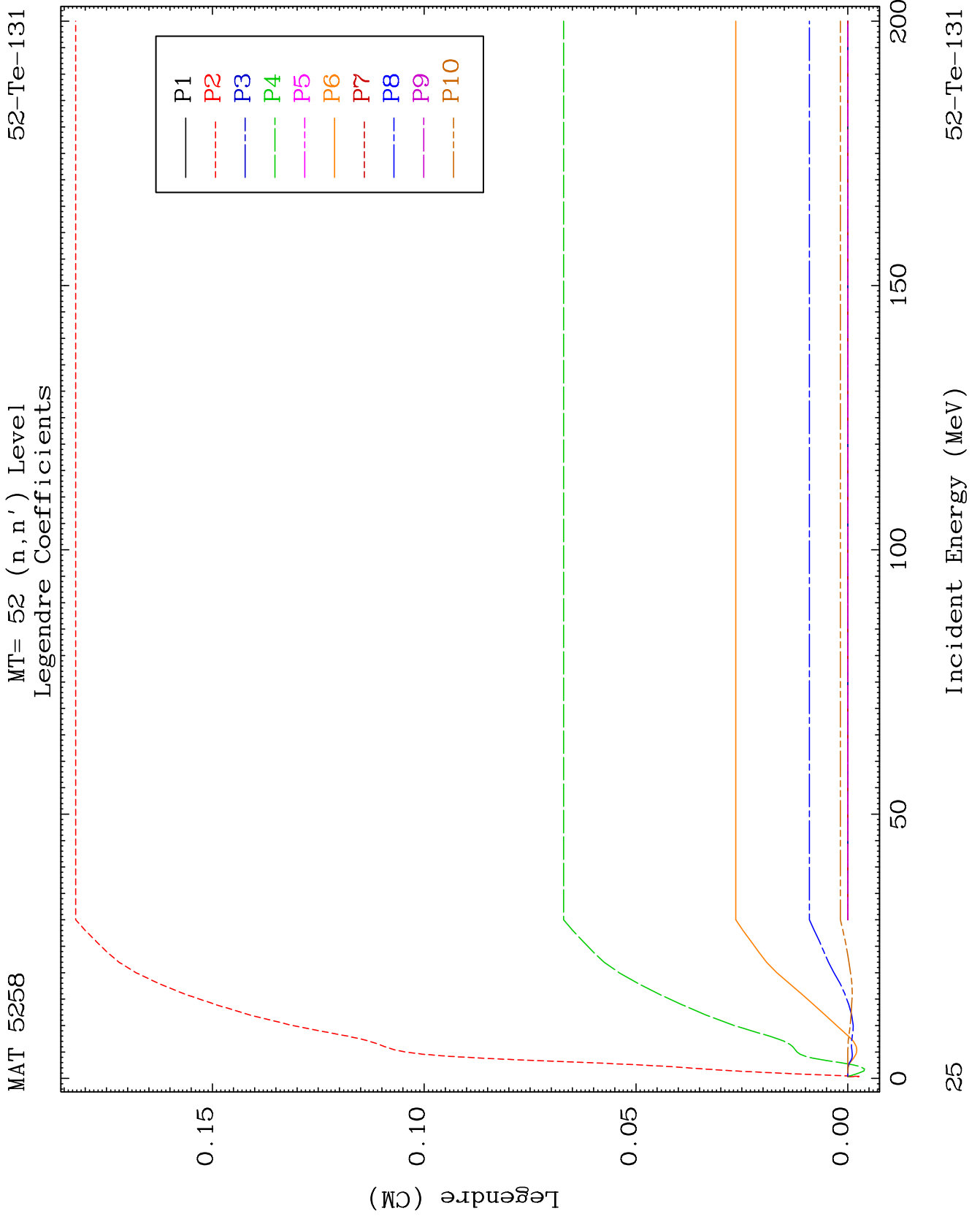
52-Te-131



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Incident Energy (MeV)

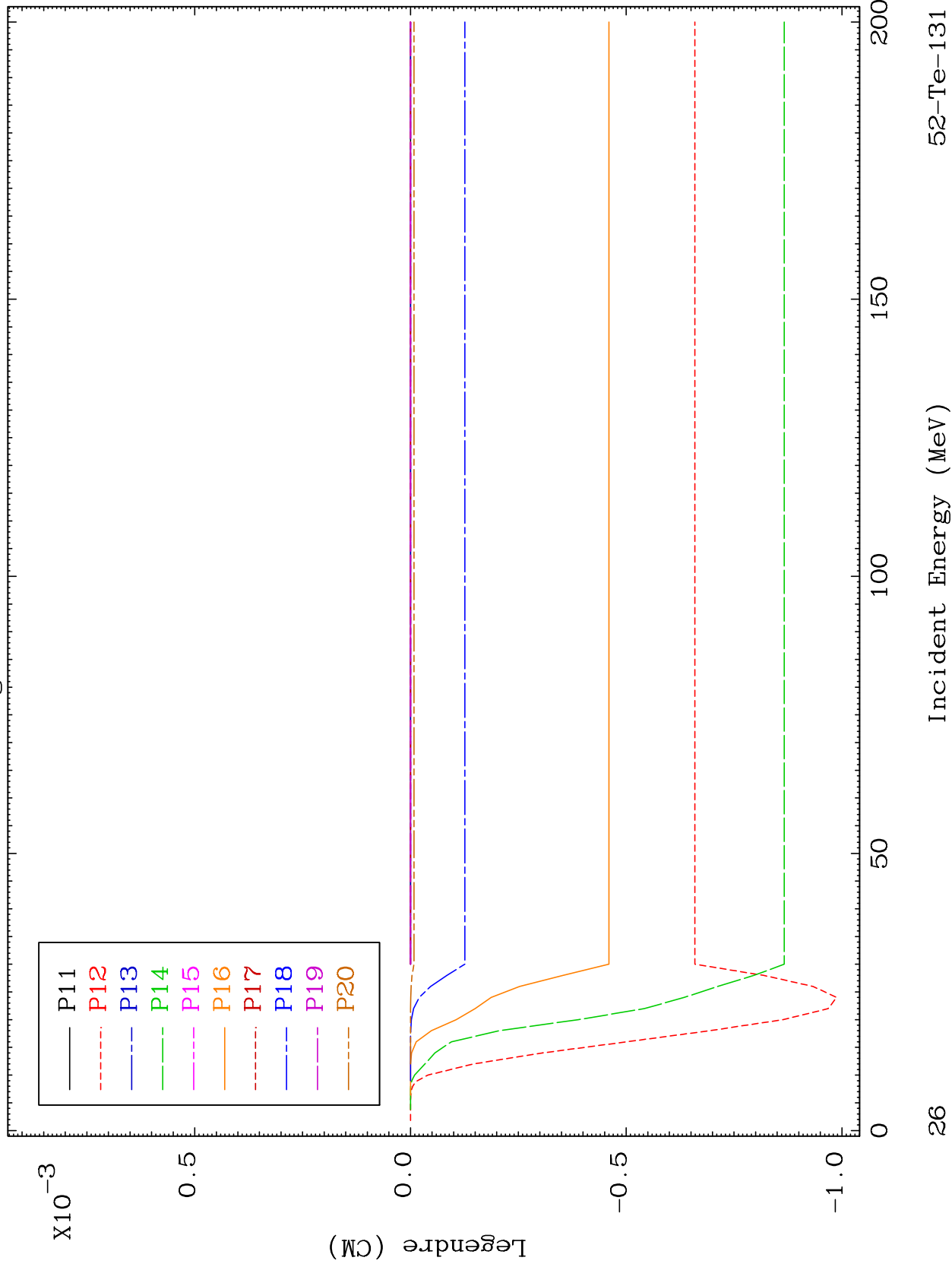
52-Te-131



MAT 5258

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

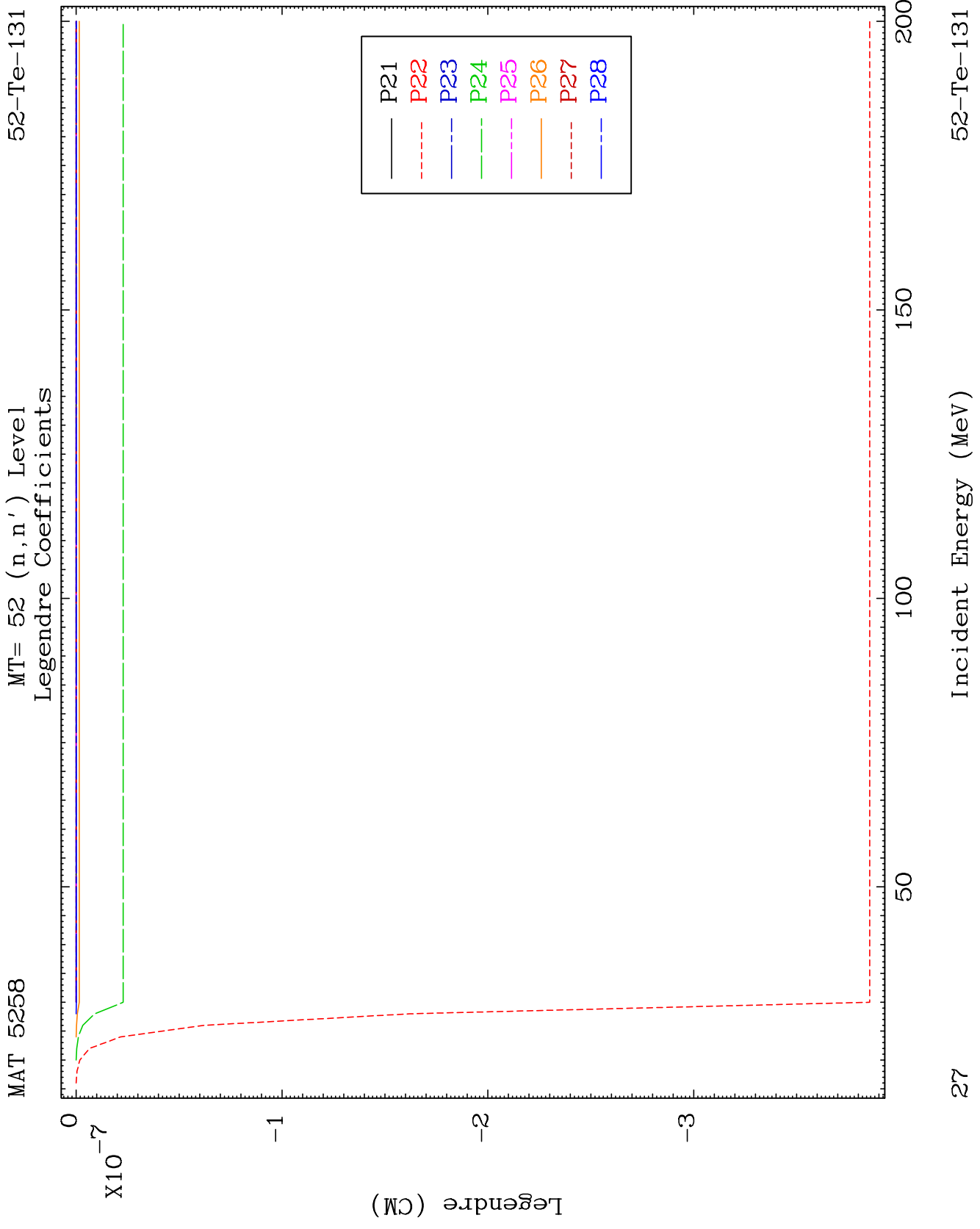
52-Te-131



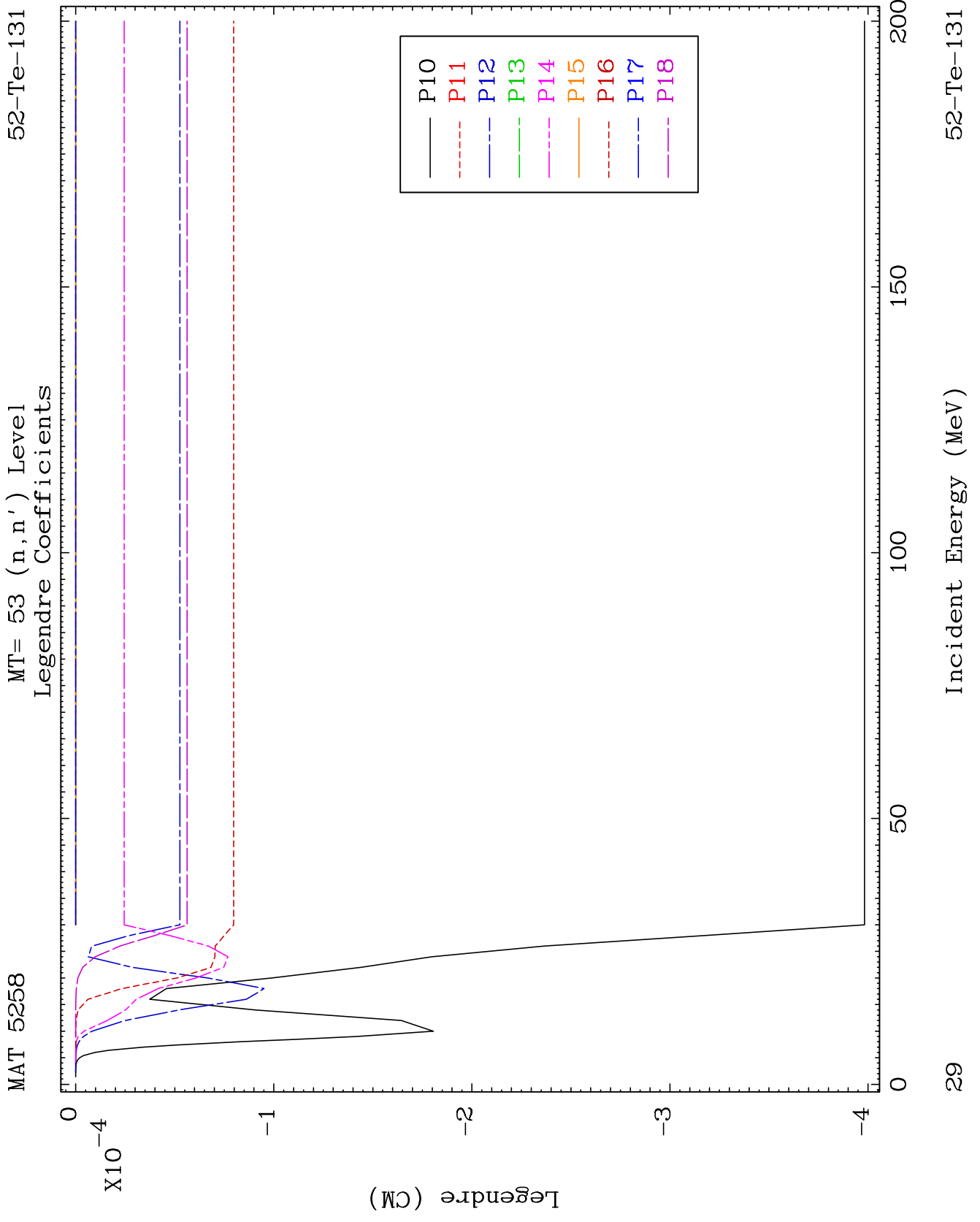
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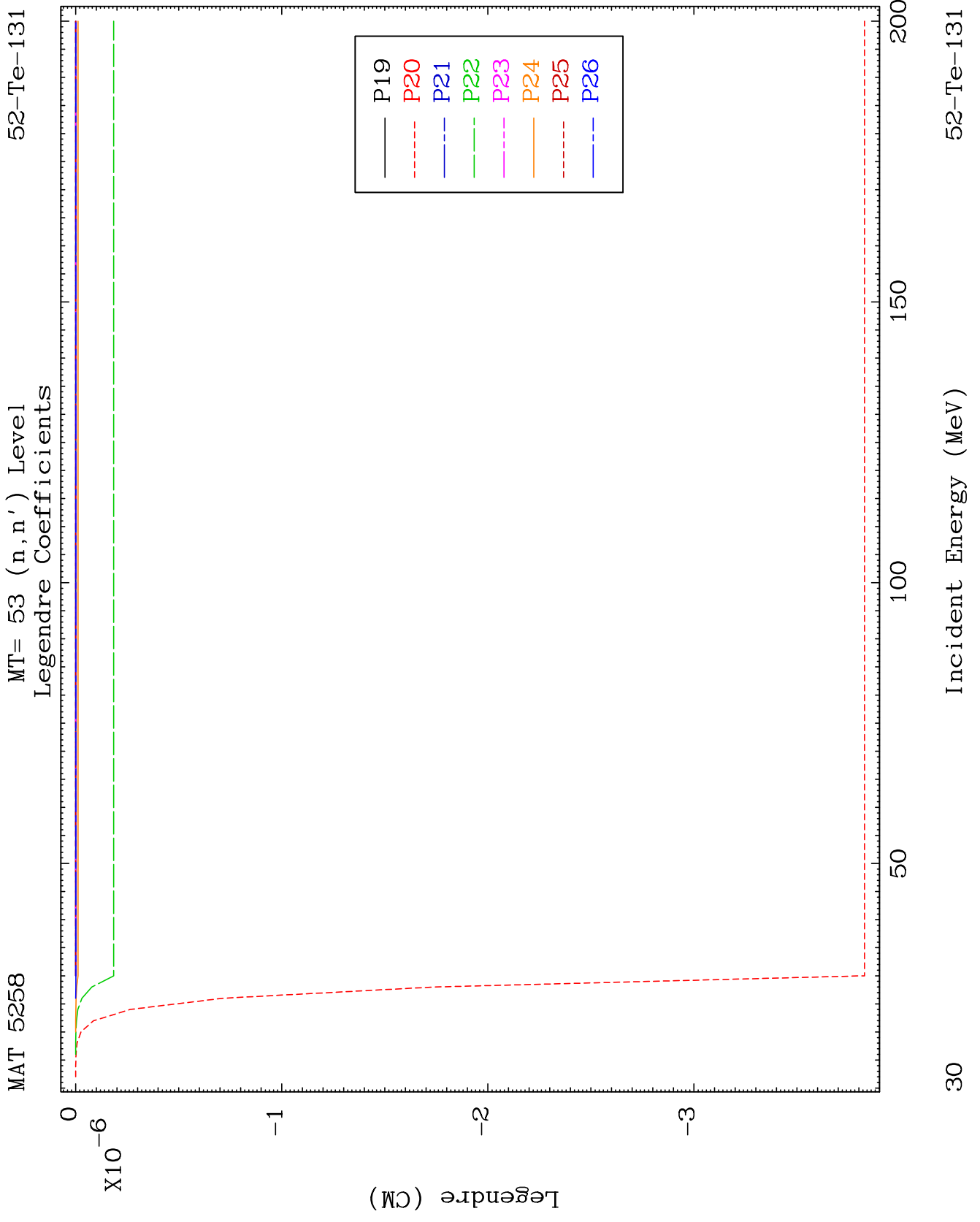
Incident Energy (MeV)

26





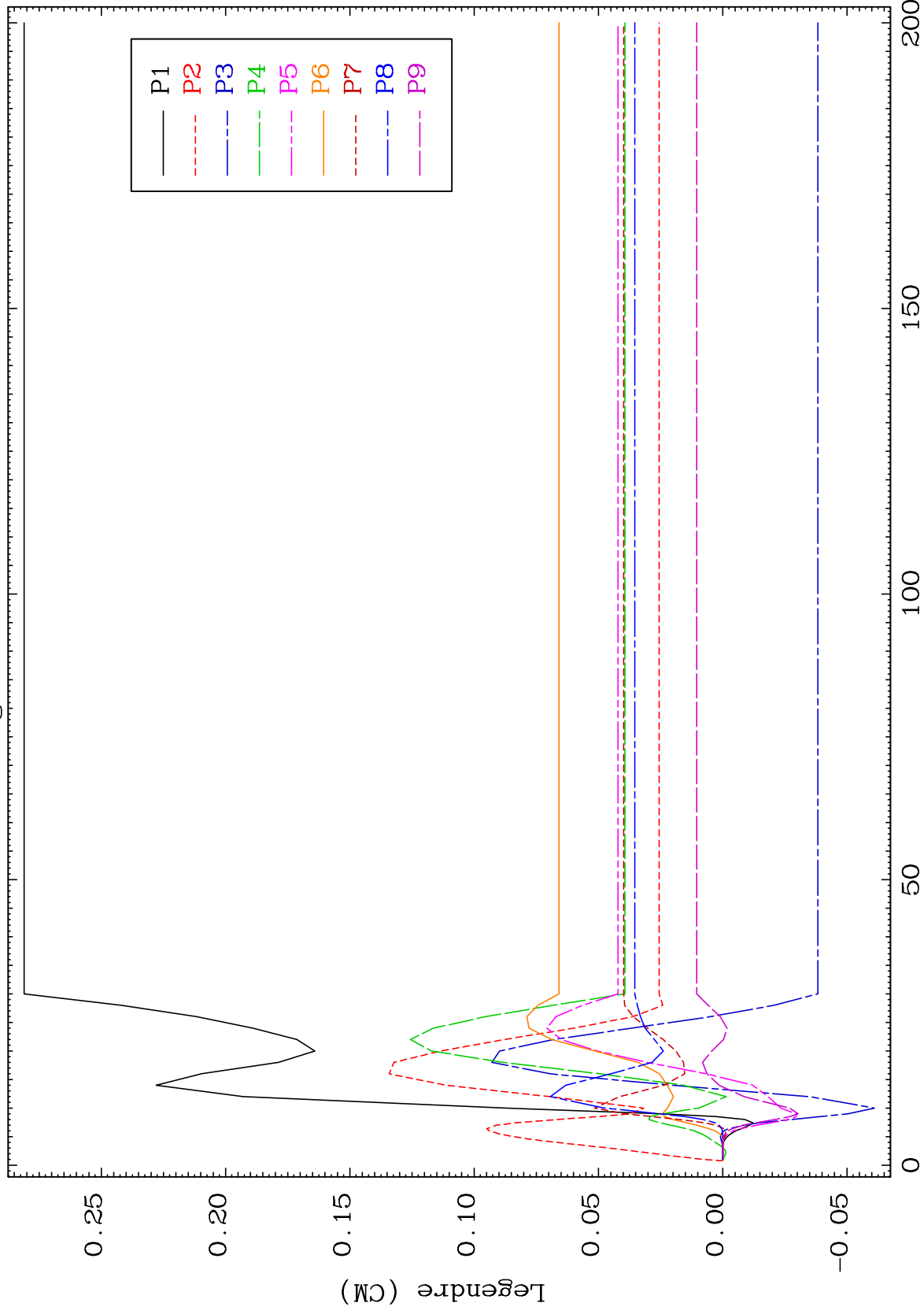




MAT 5258

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

52-Te-131



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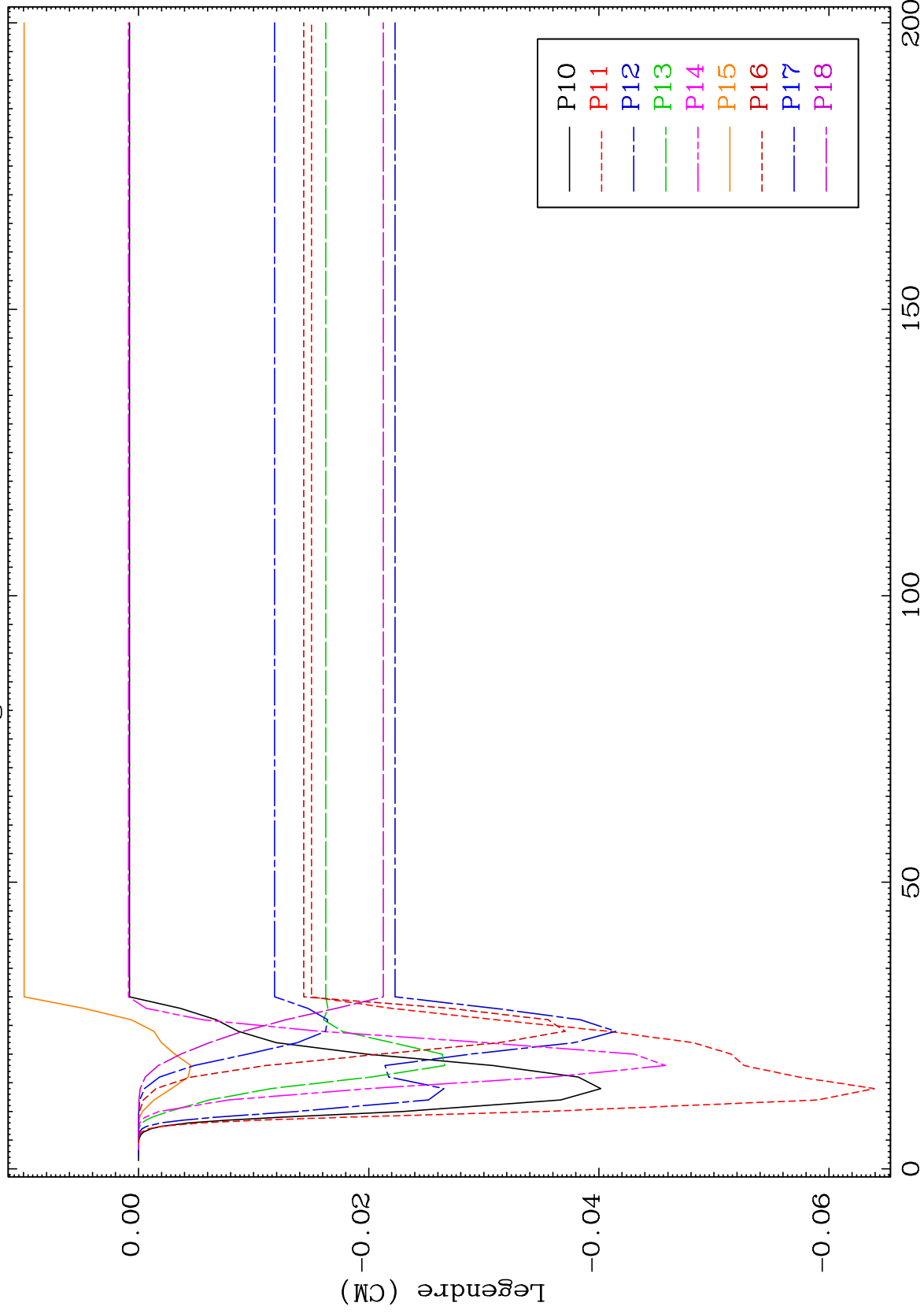
Incident Energy (MeV)

52-Te-131

MAT 5258

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

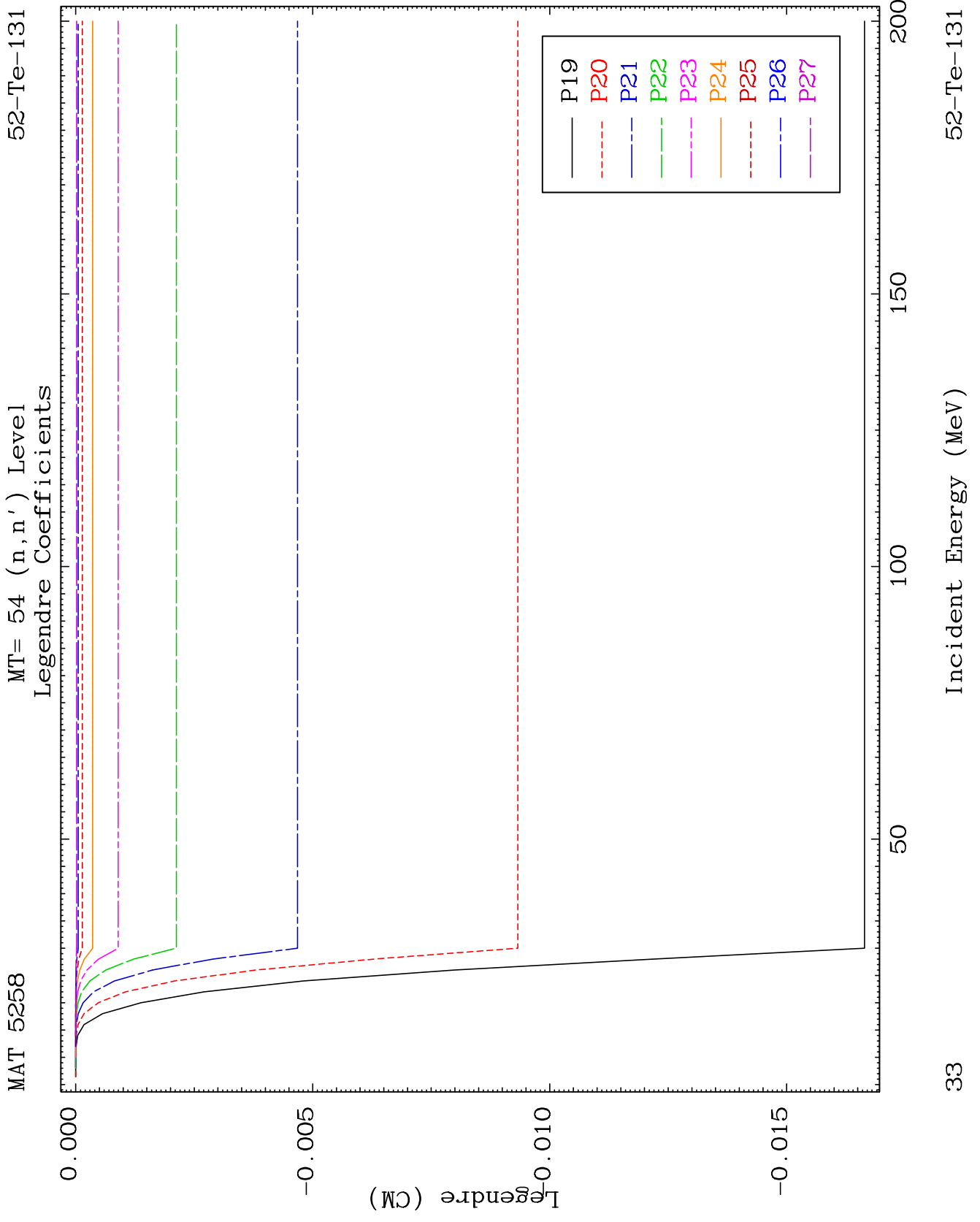
52-Te-131

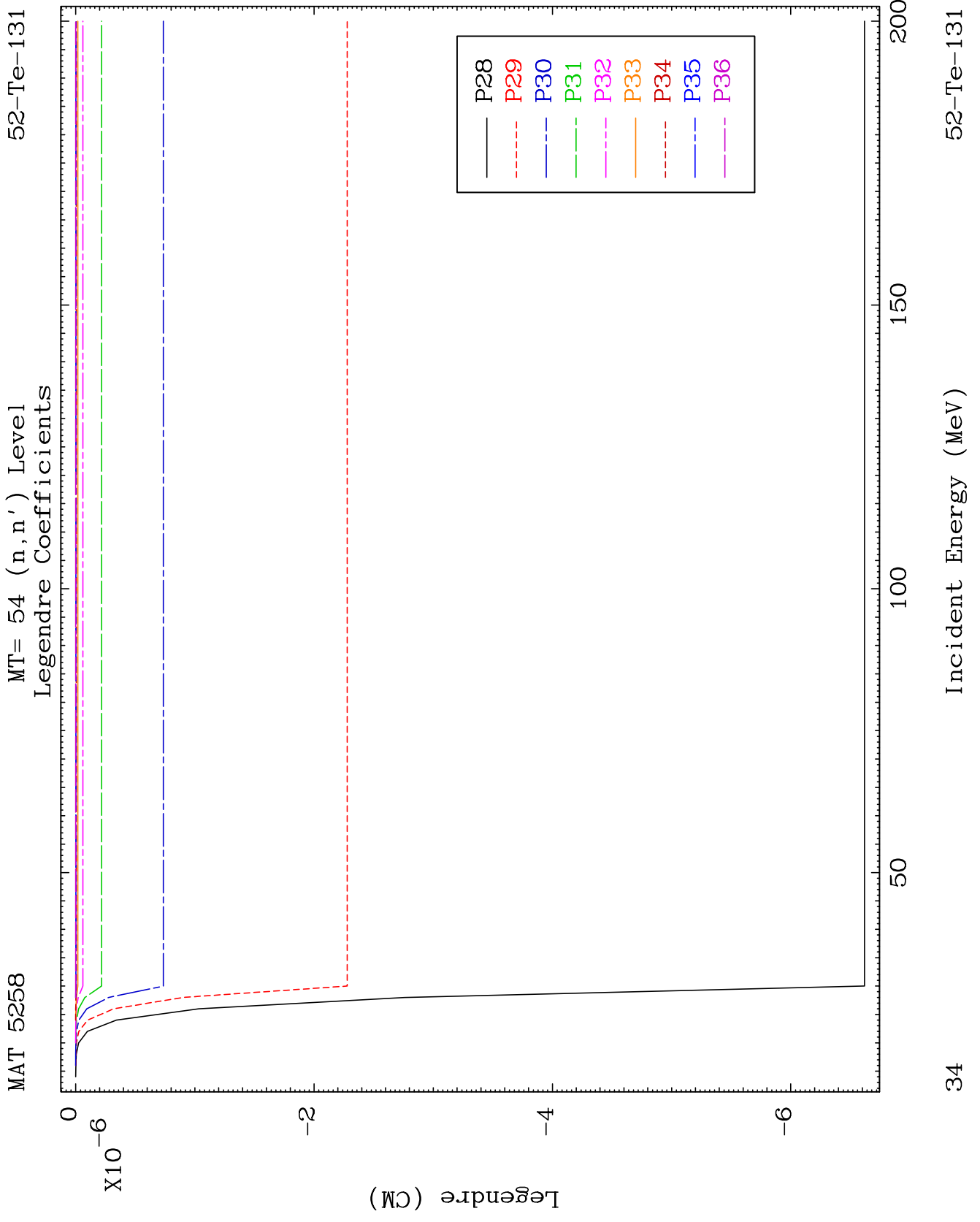


32

Incident Energy (MeV)

52-Te-131



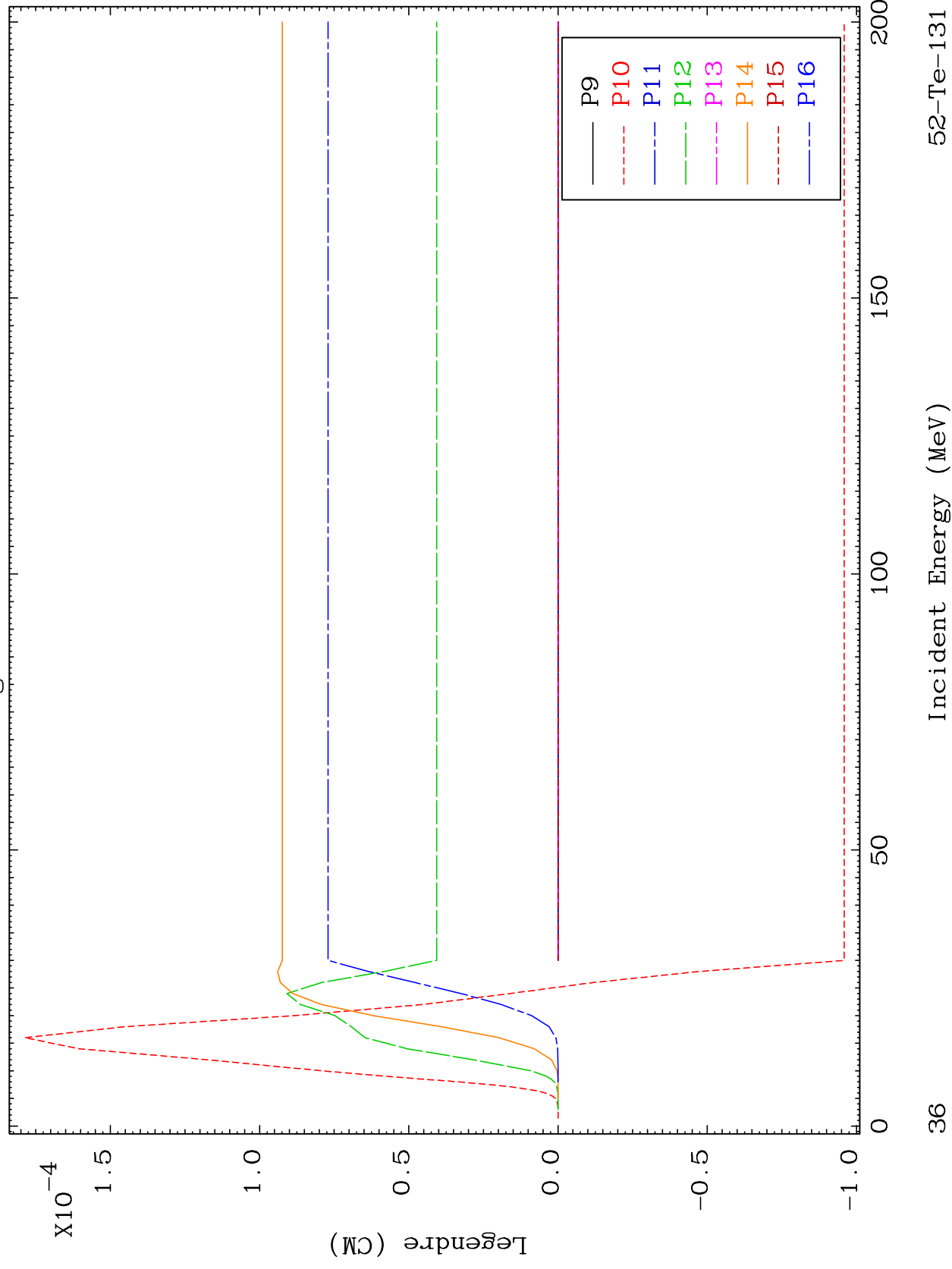




MAT 5258

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

52-Te-131

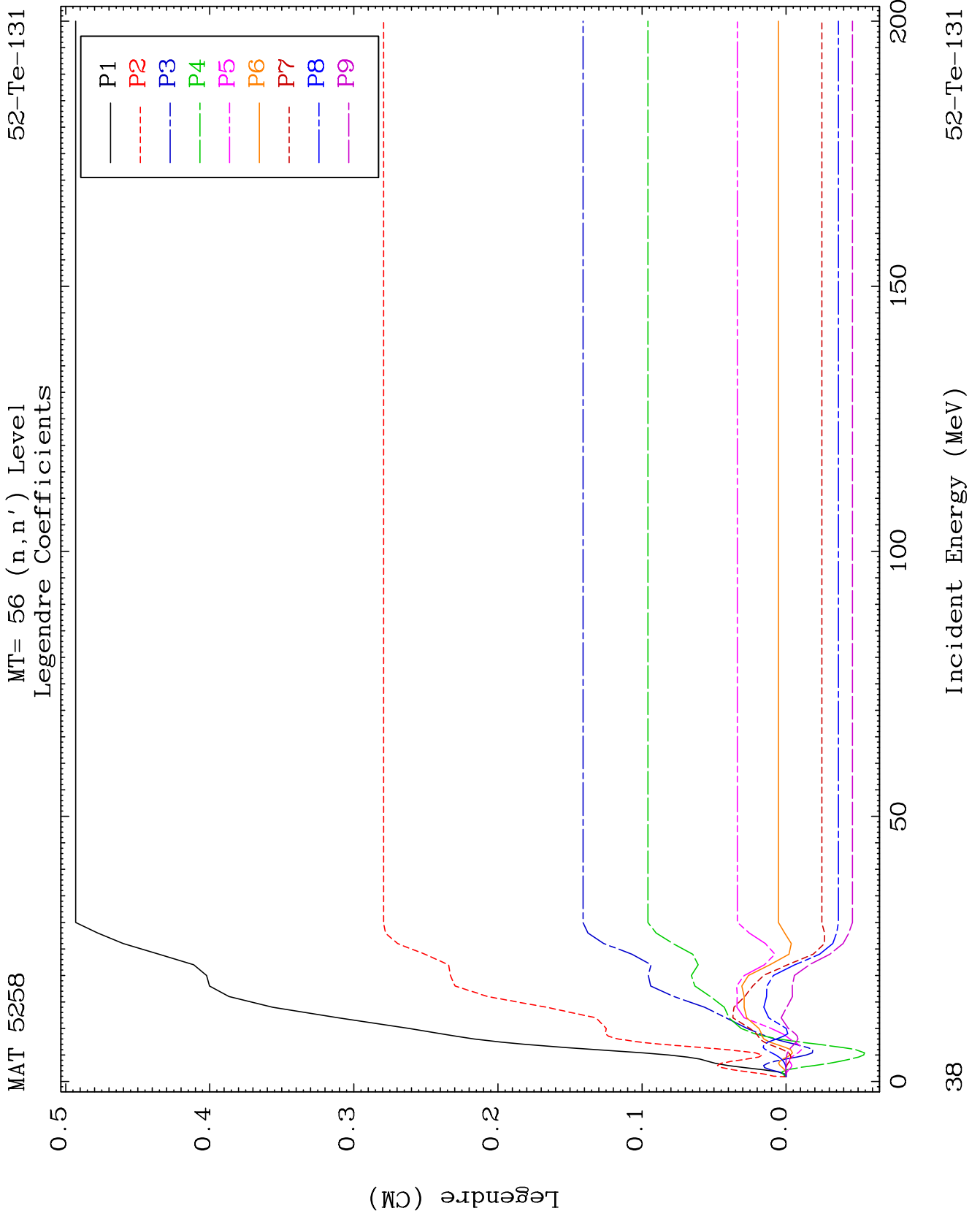


36

Incident Energy (MeV)

52-Te-131

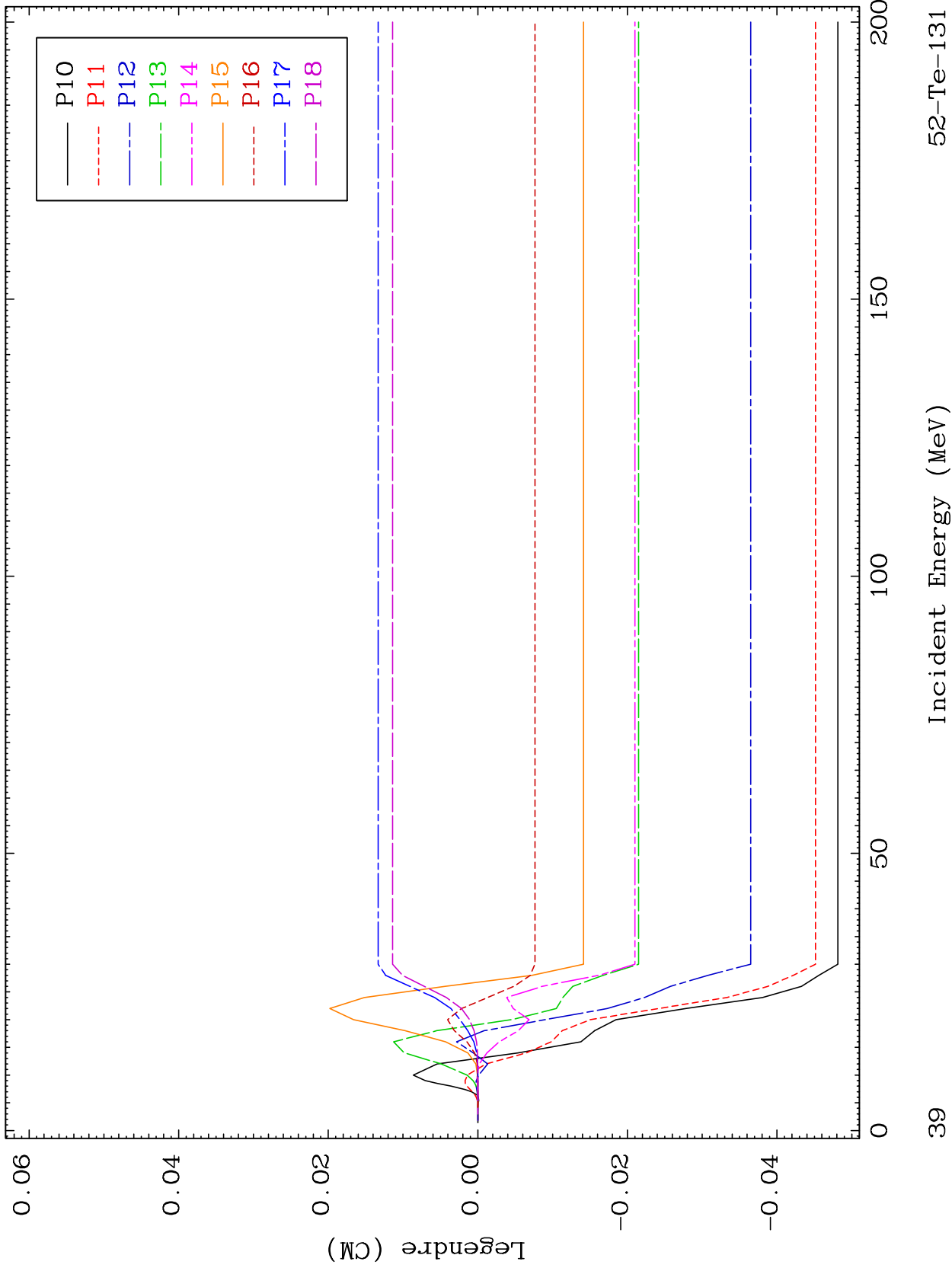




MAT 5258

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

52-Te-131



39

Incident Energy (MeV)

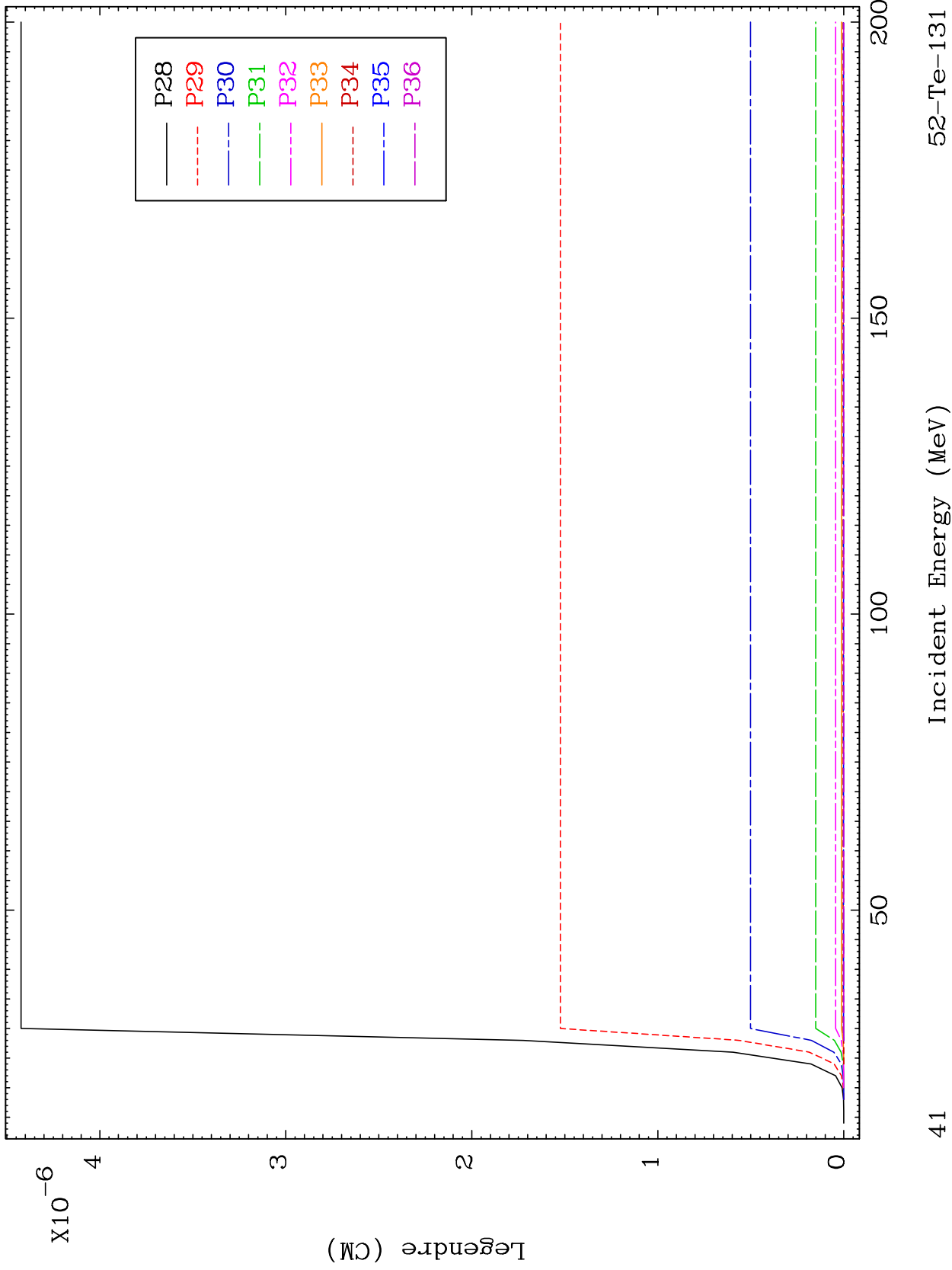
52-Te-131

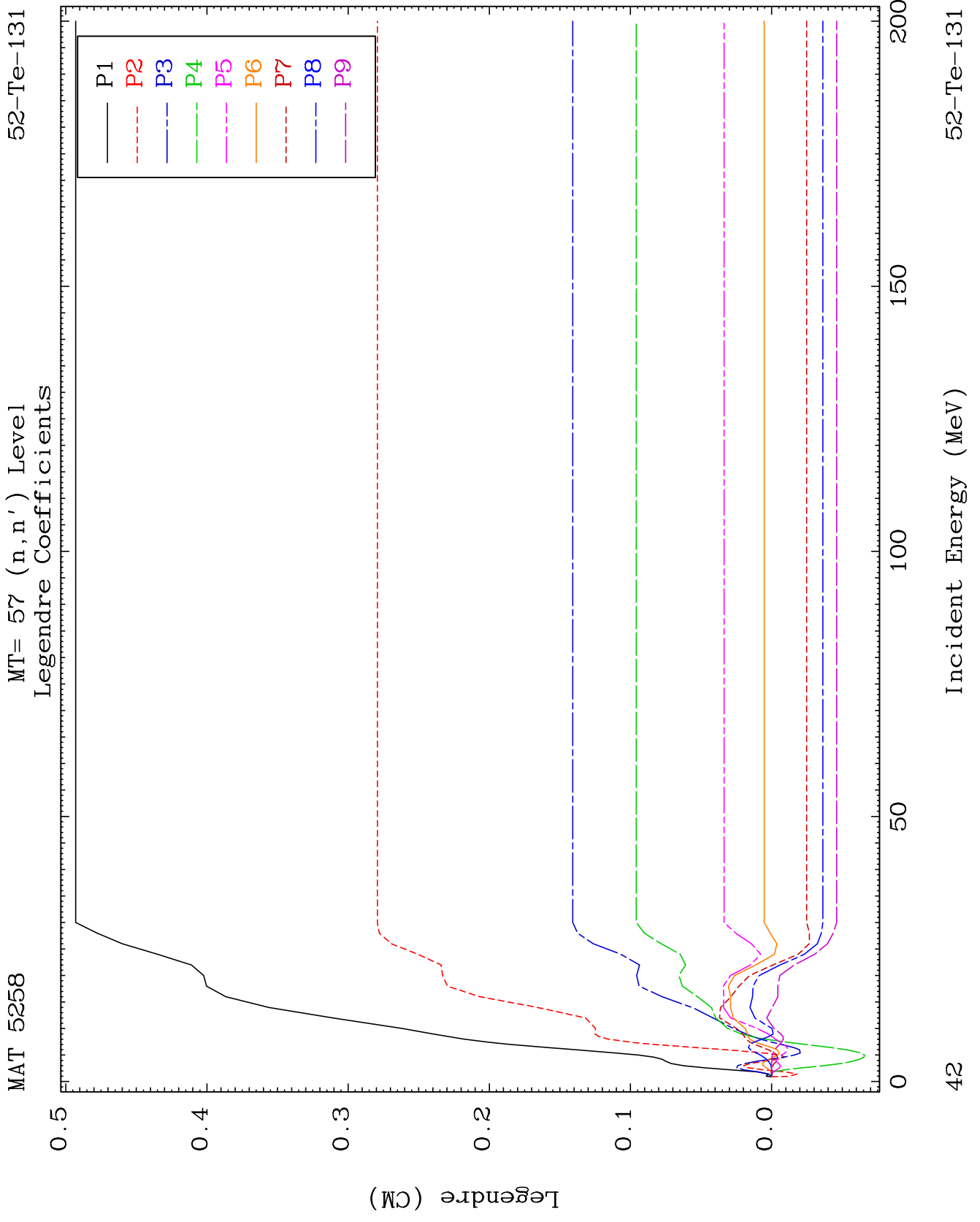


MAT 5258

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

52-Te-131

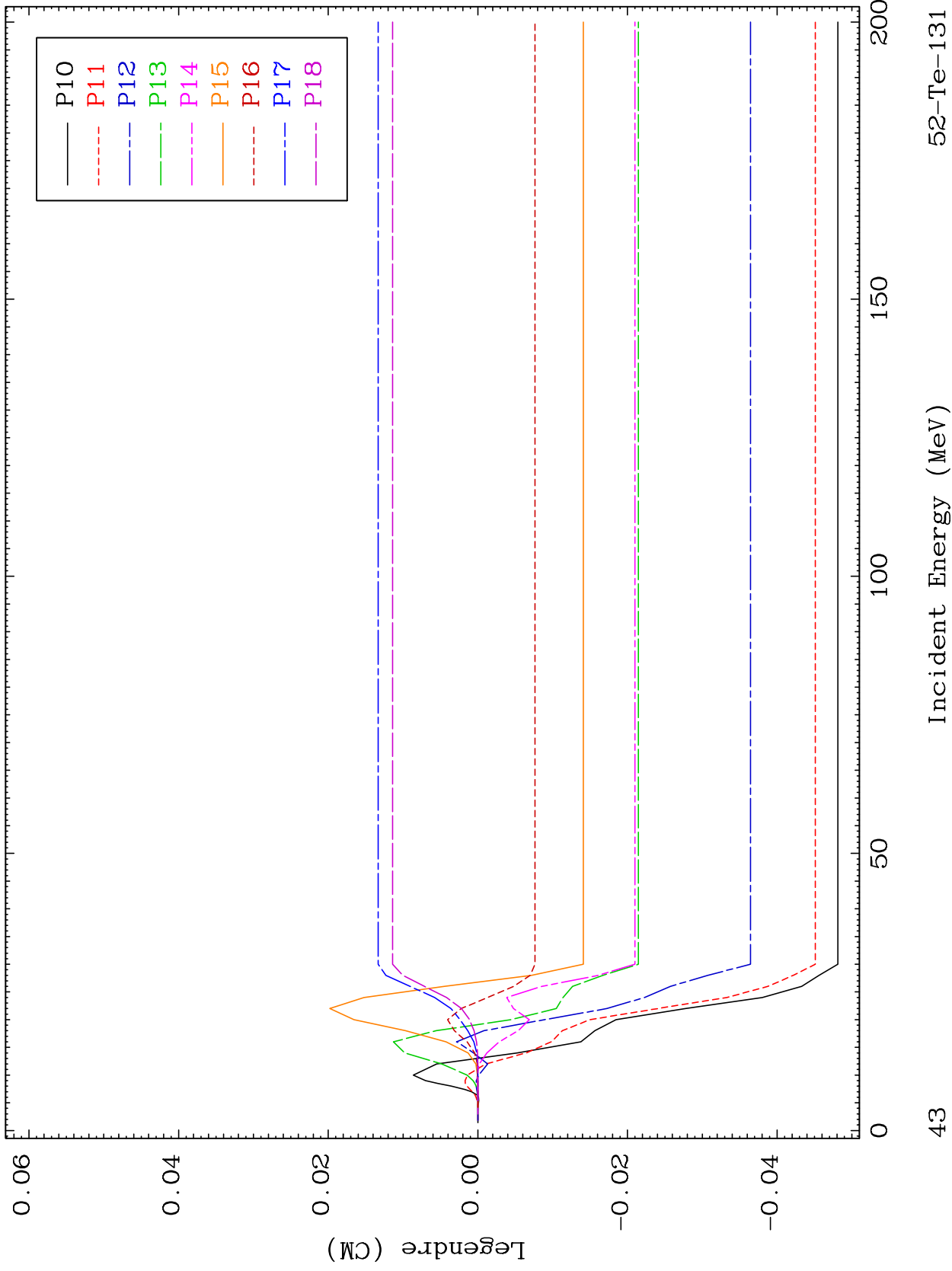




MAT 5258

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

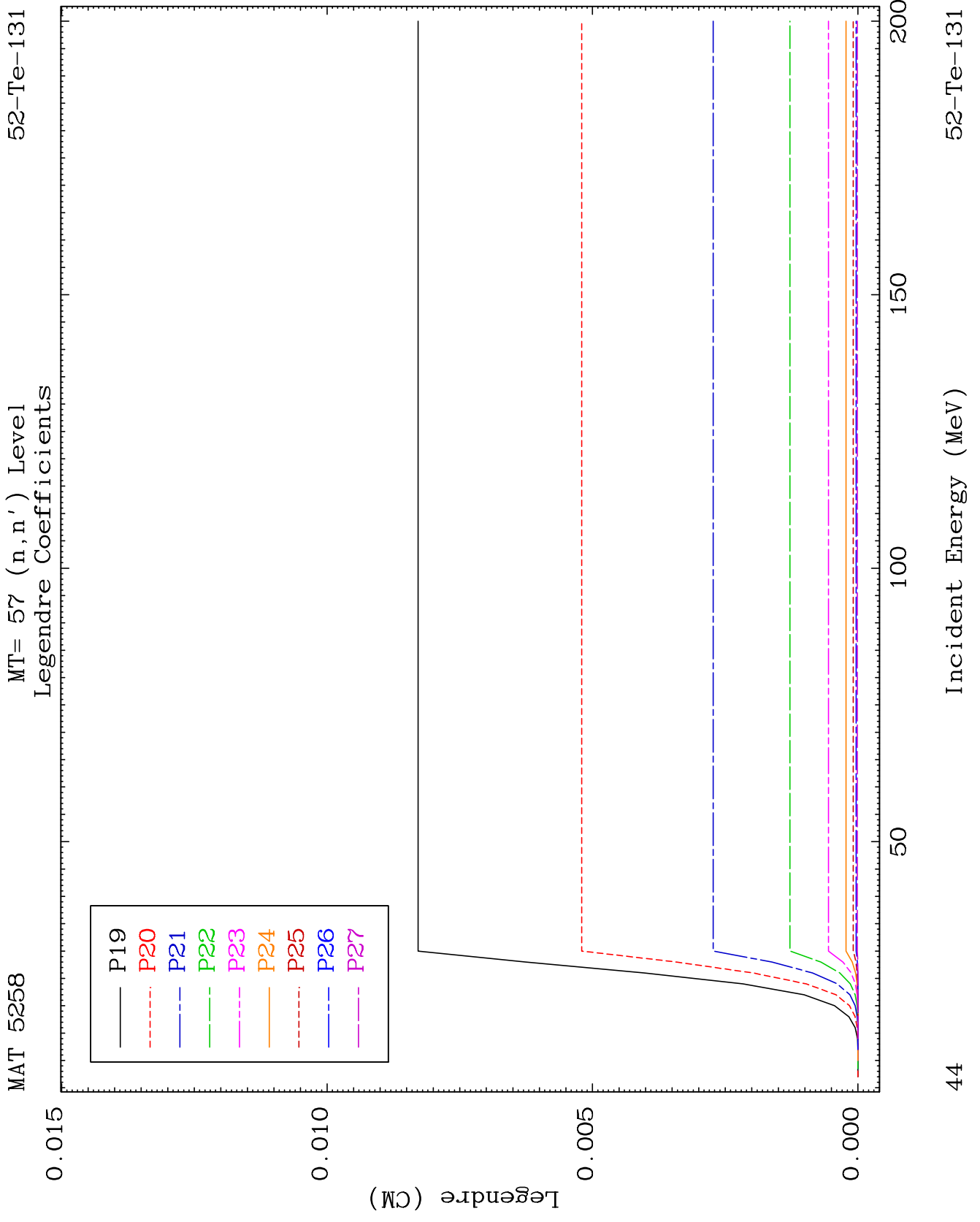
52-Te-131



43

Incident Energy (MeV)

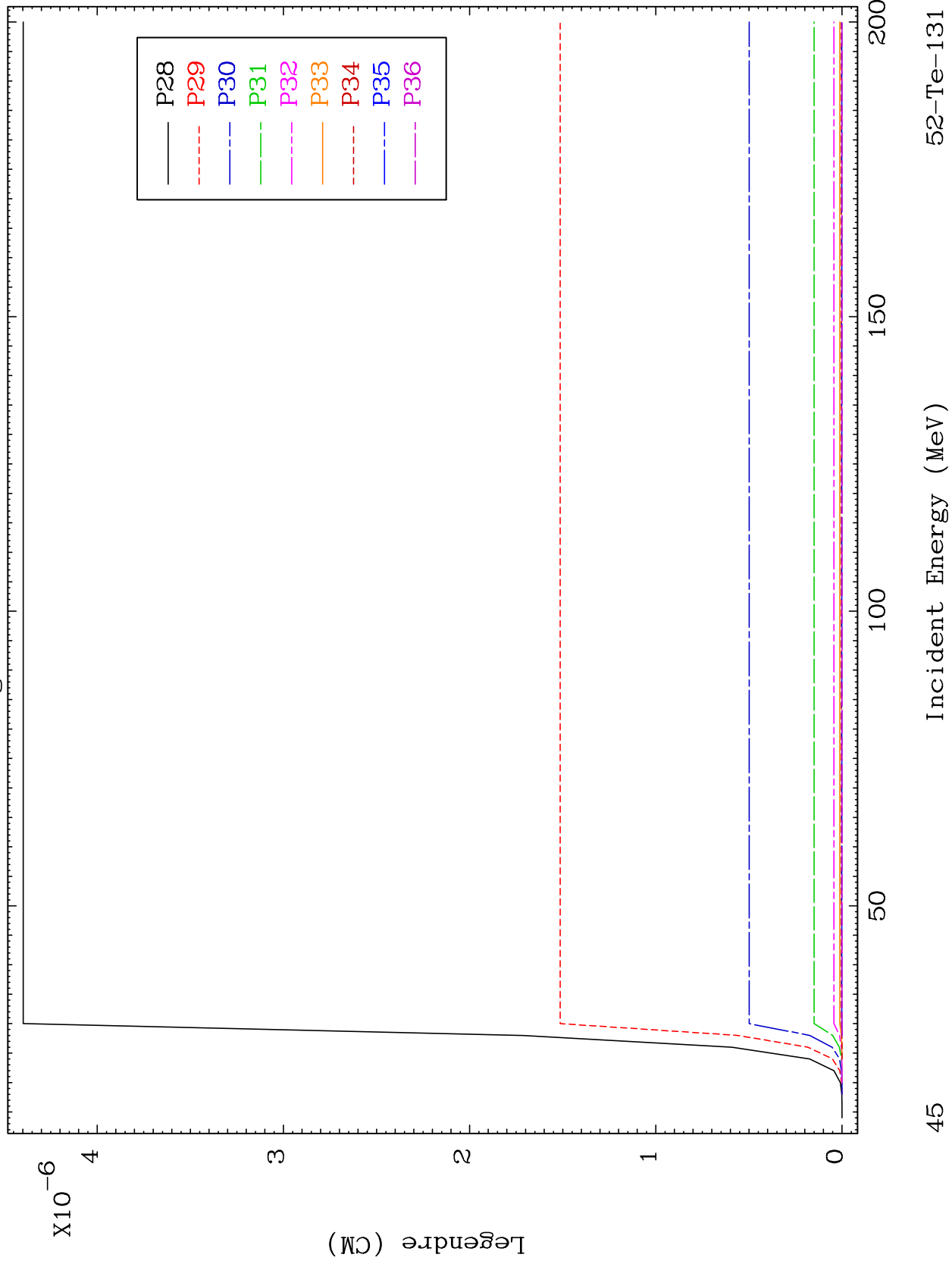
52-Te-131

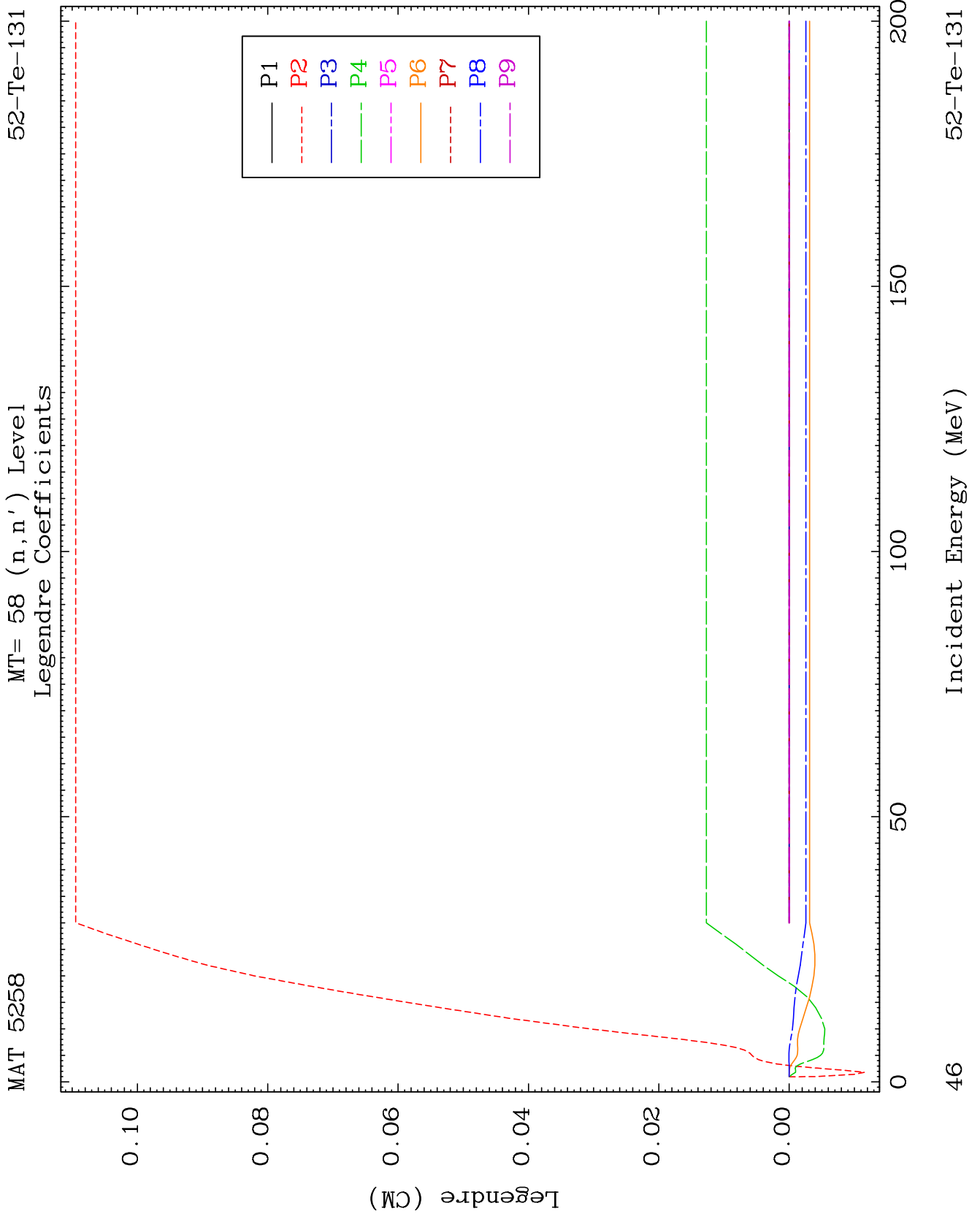


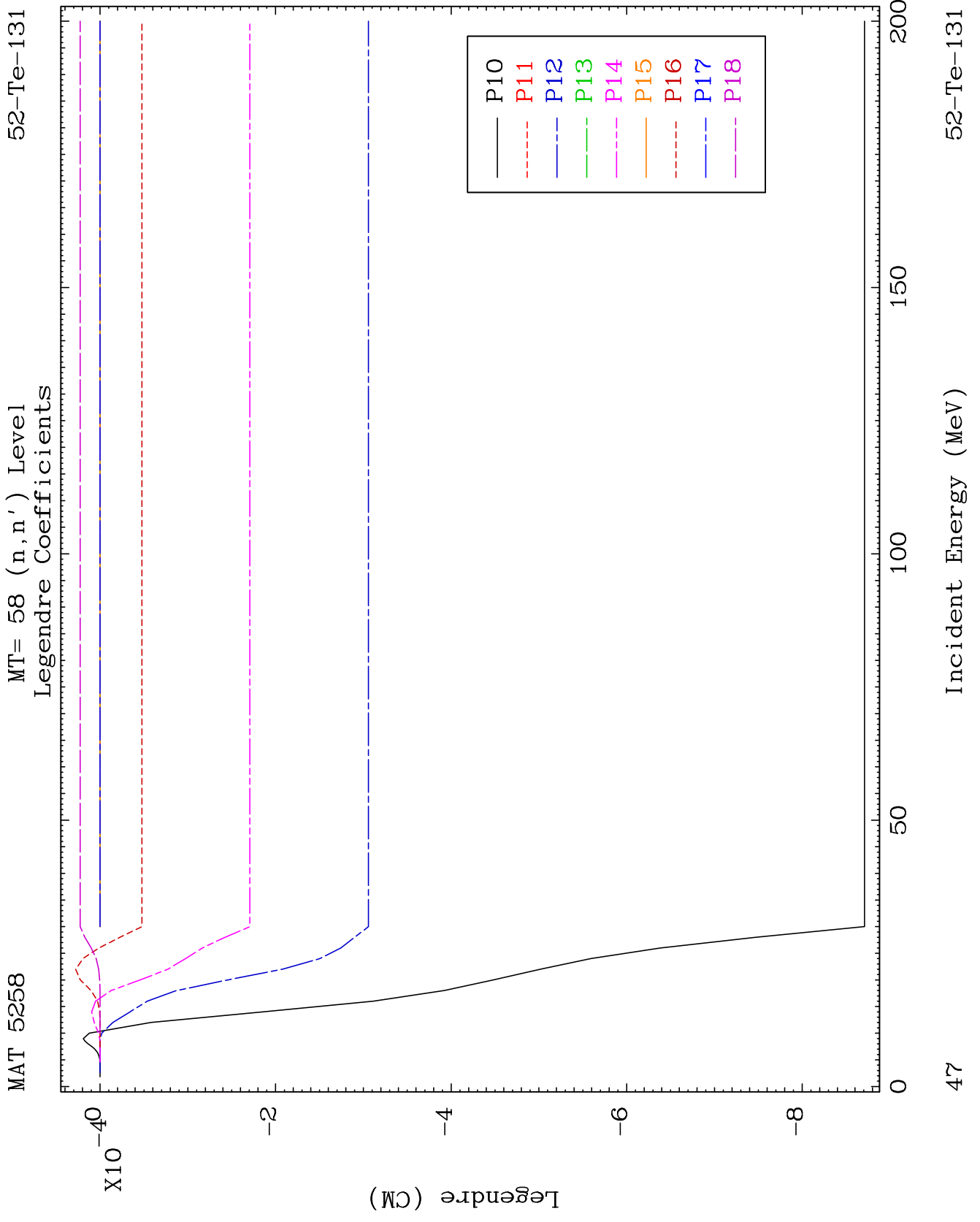
MAT 5258

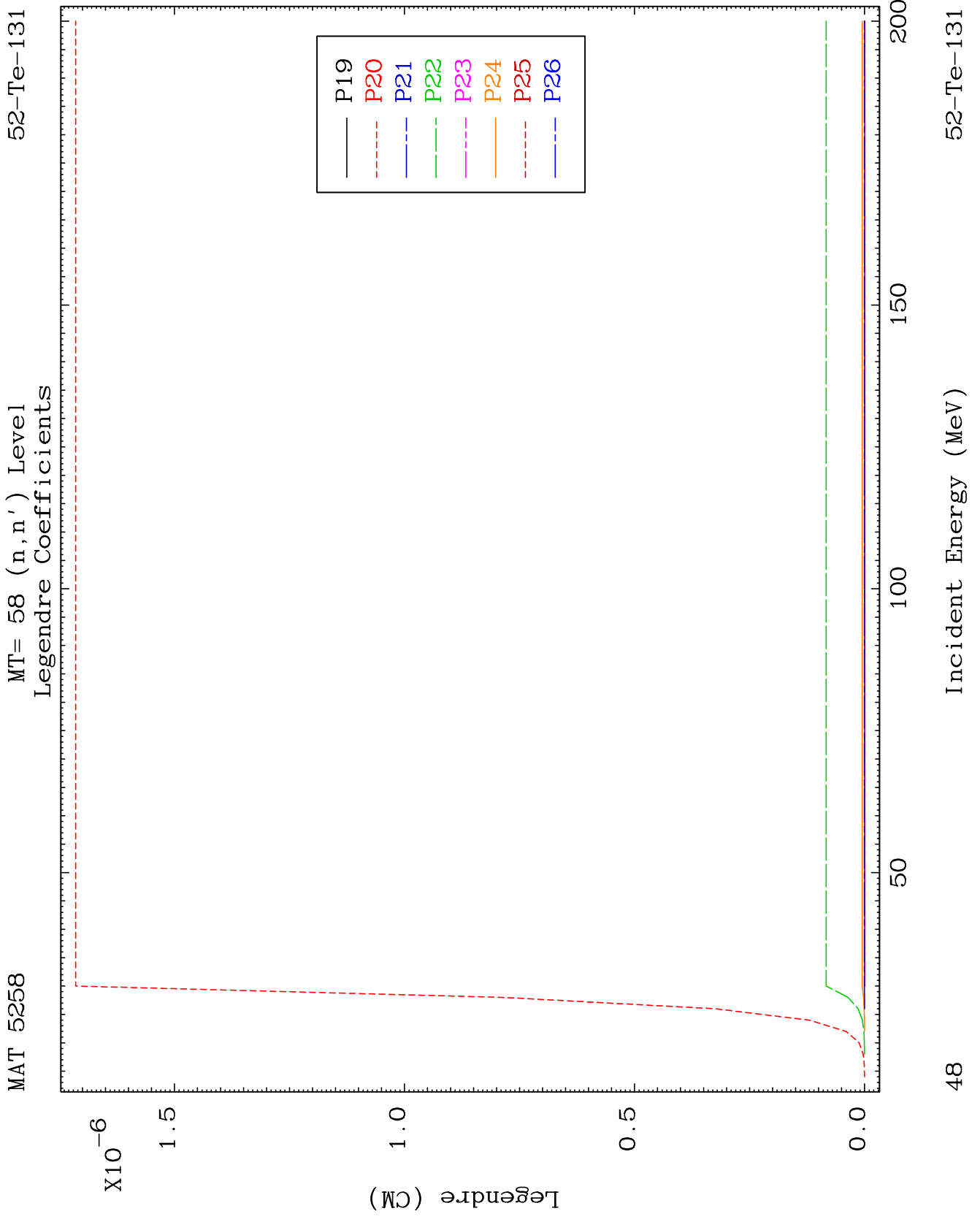
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Legendre Coefficients

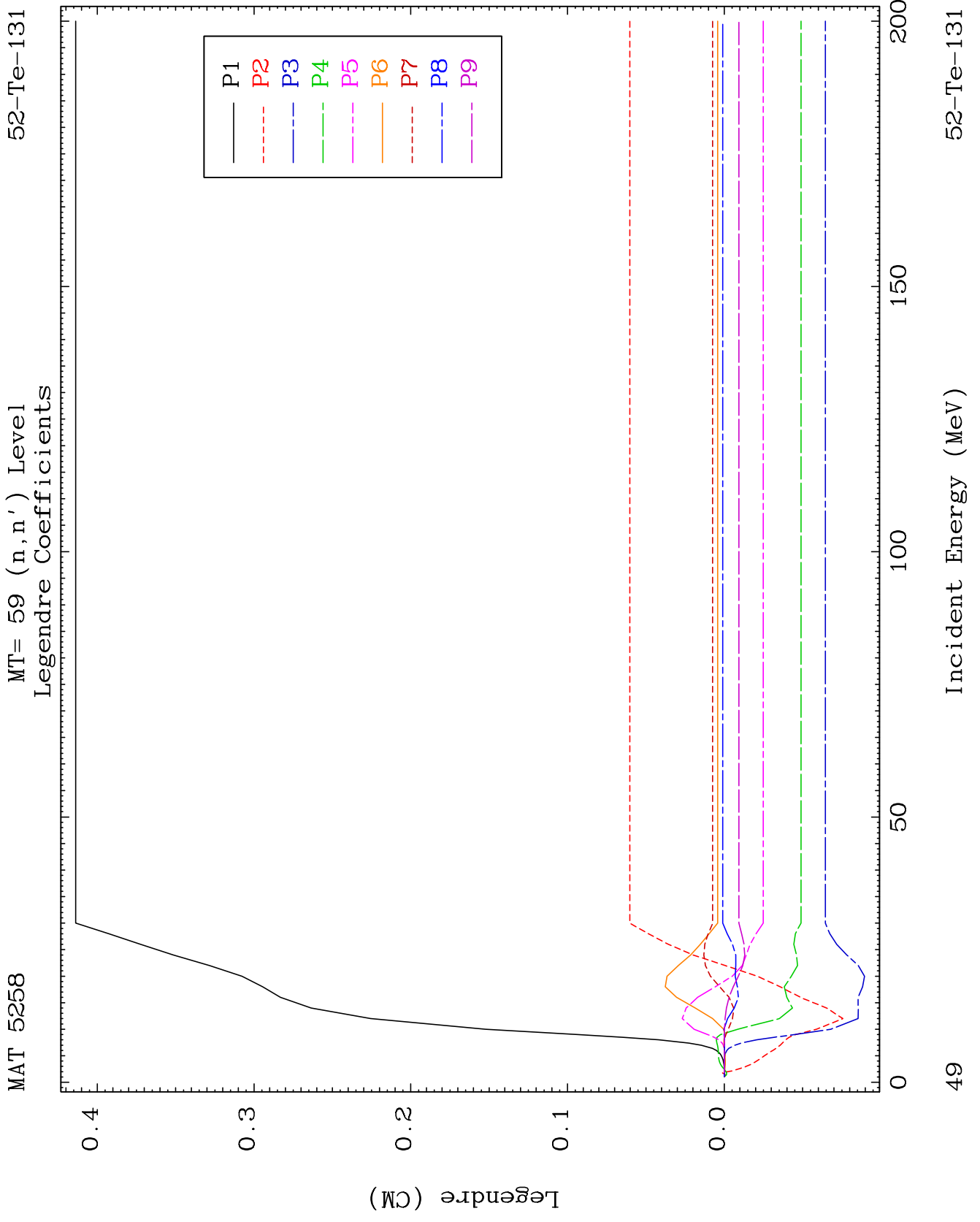
52-Te-131









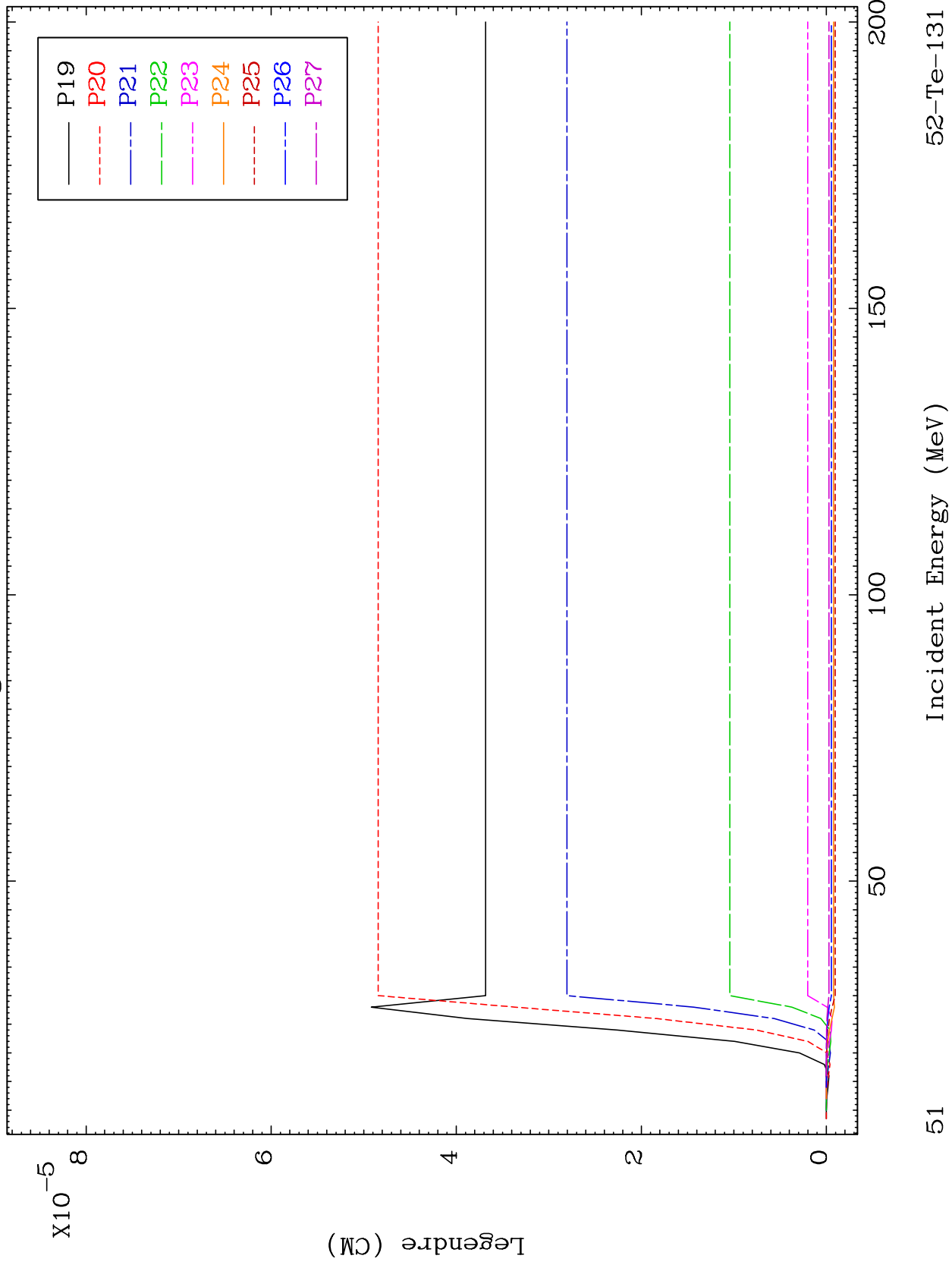




MAT 5258

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Legendre Coefficients

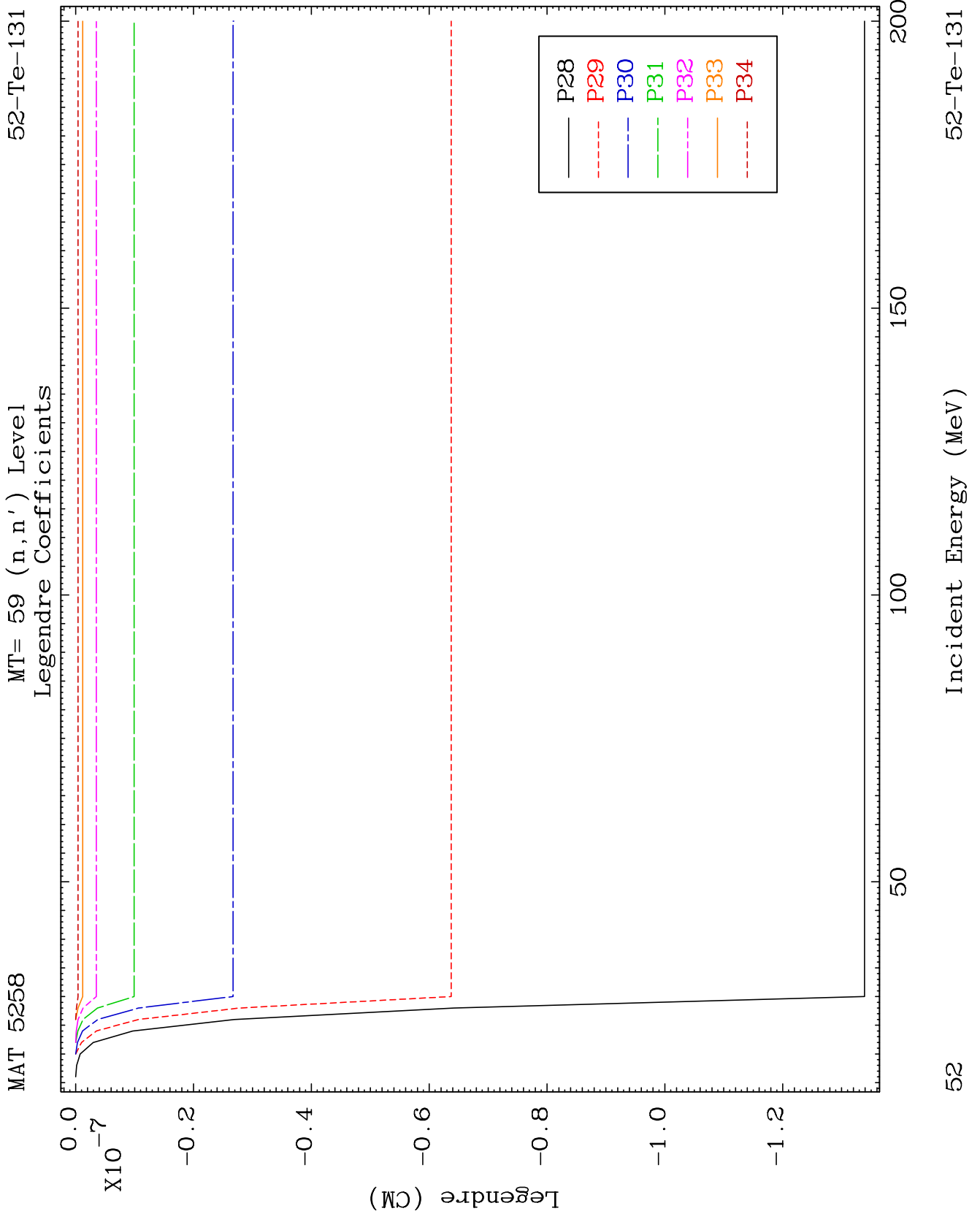
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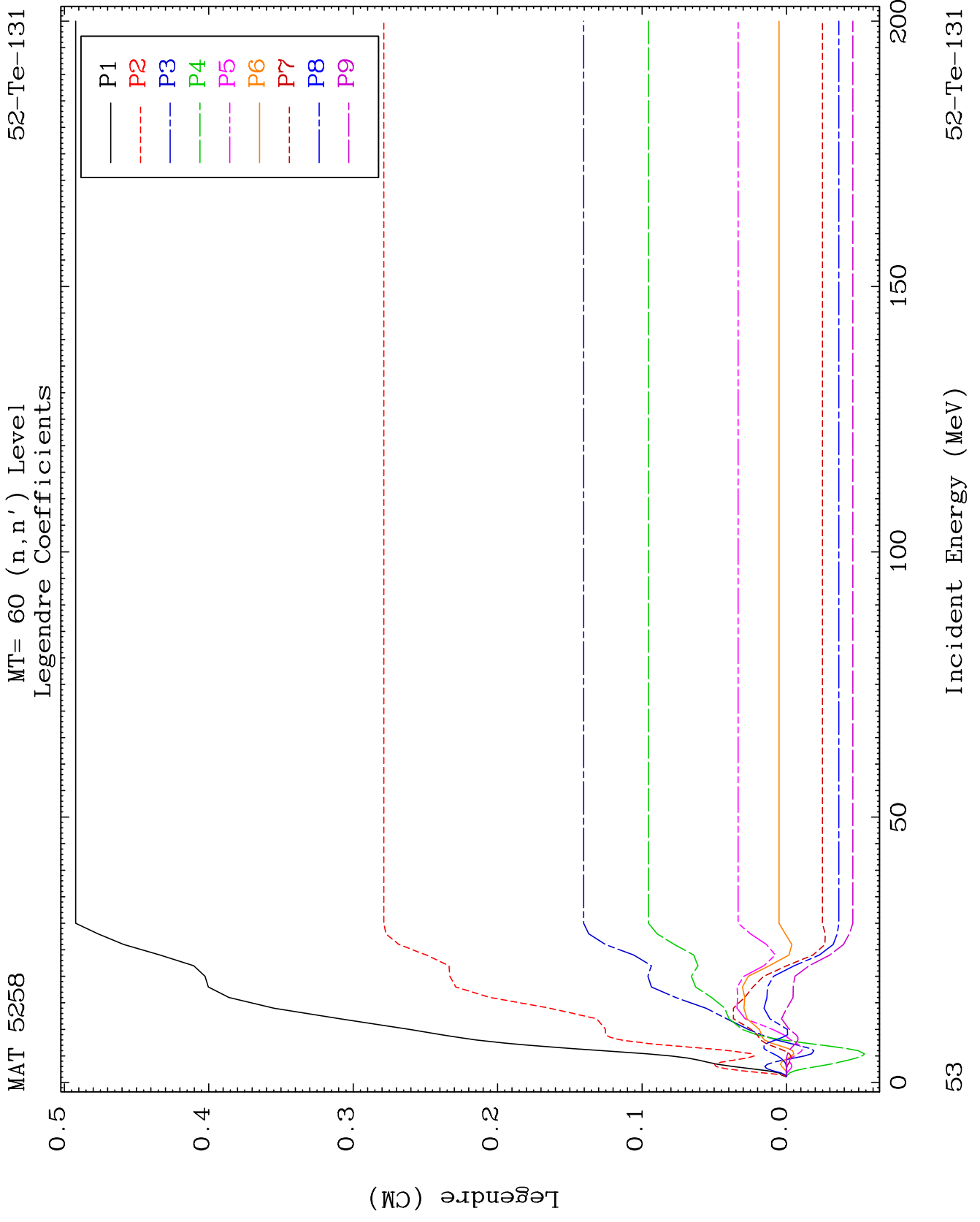


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Incident Energy (MeV)

52-Te-131



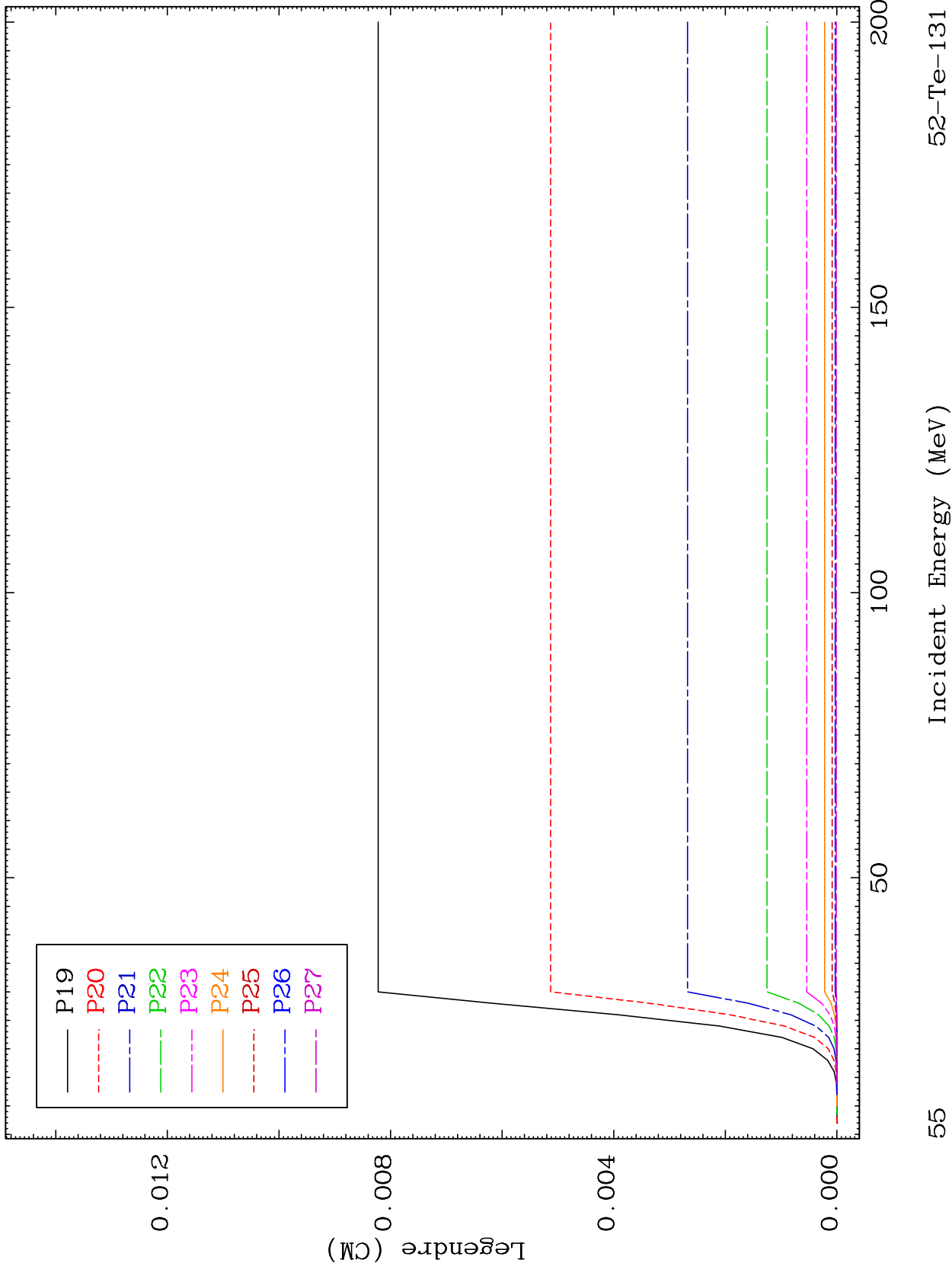




MAT 5258

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

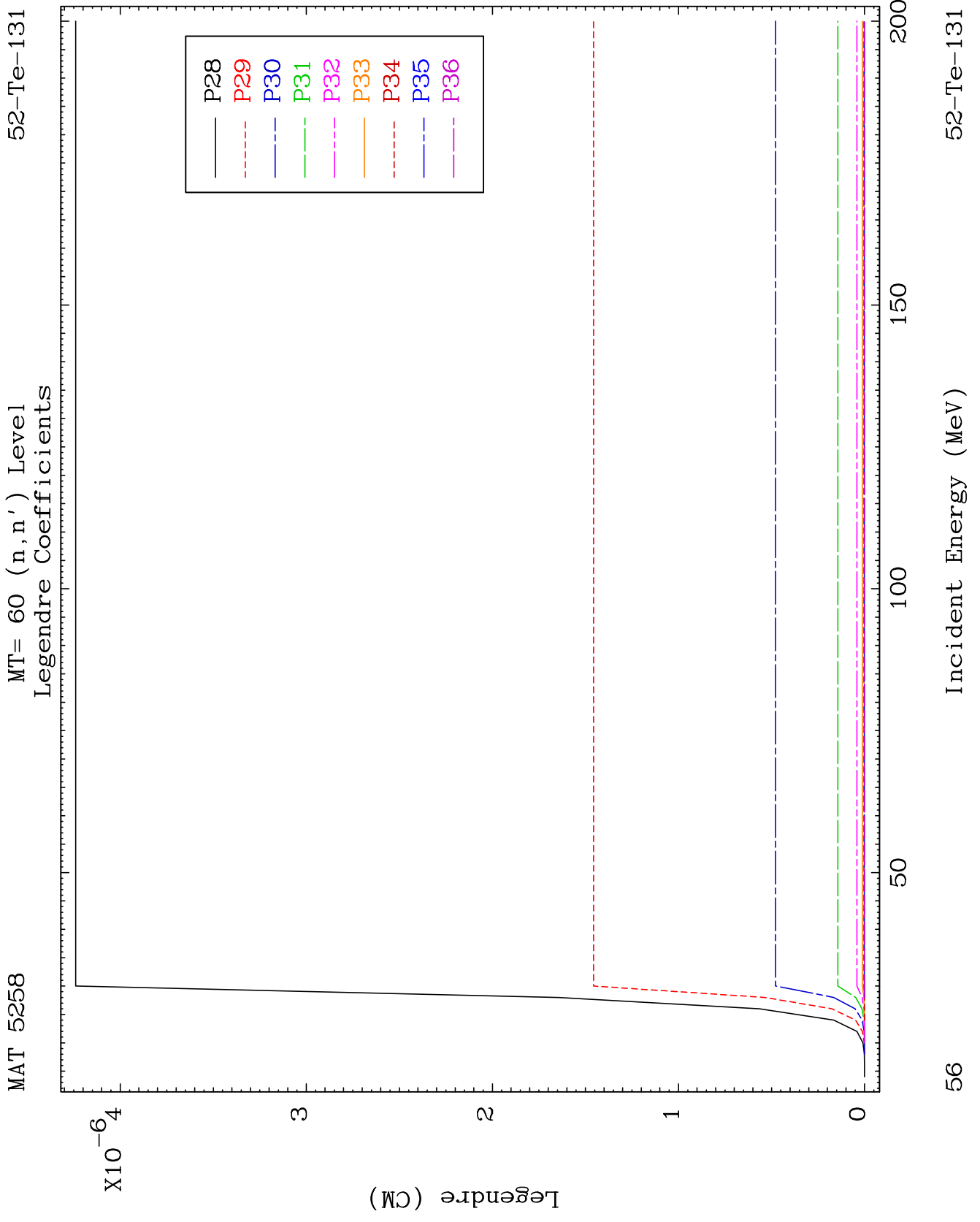
52-Te-131



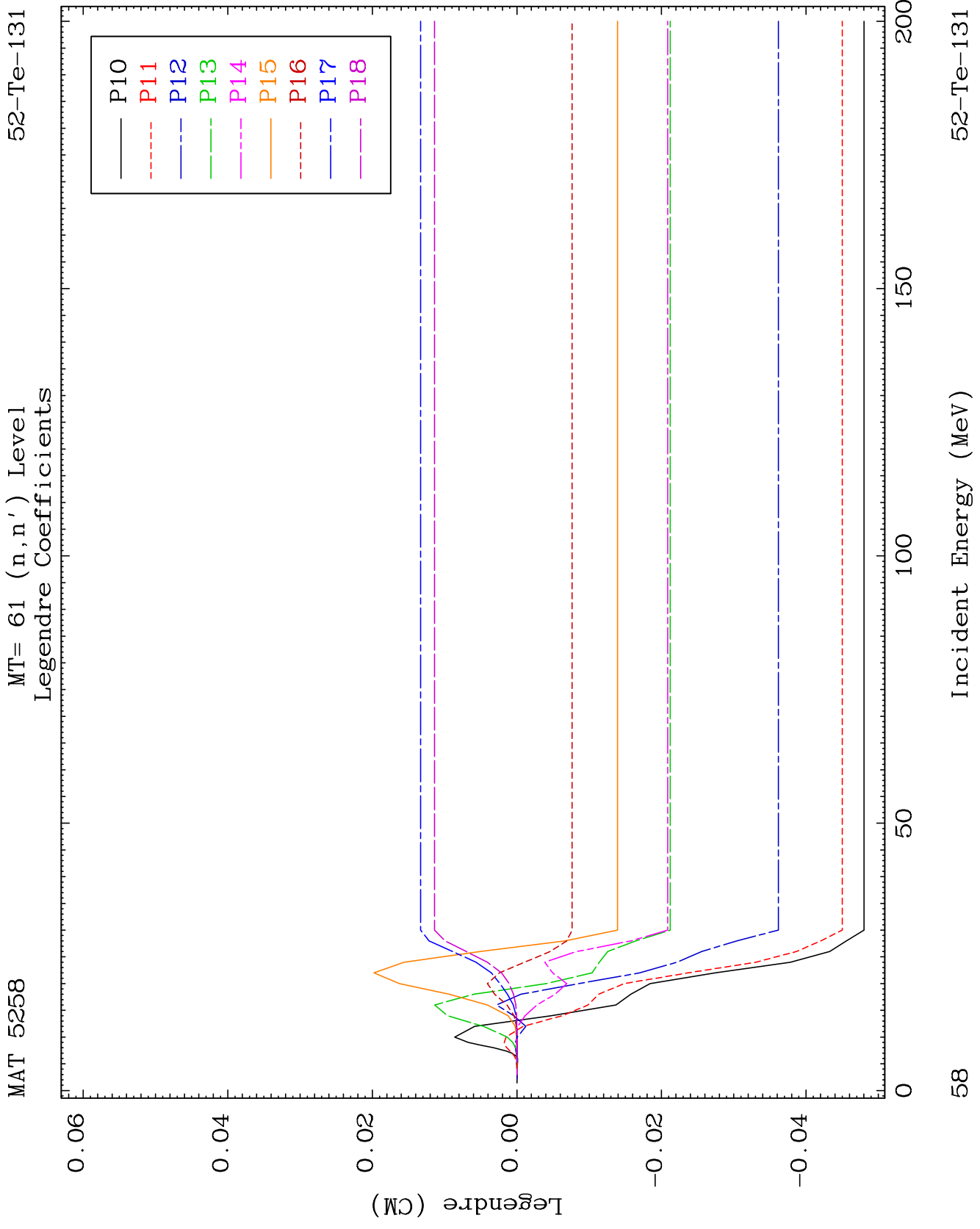
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Incident Energy (MeV)

52-Te-131



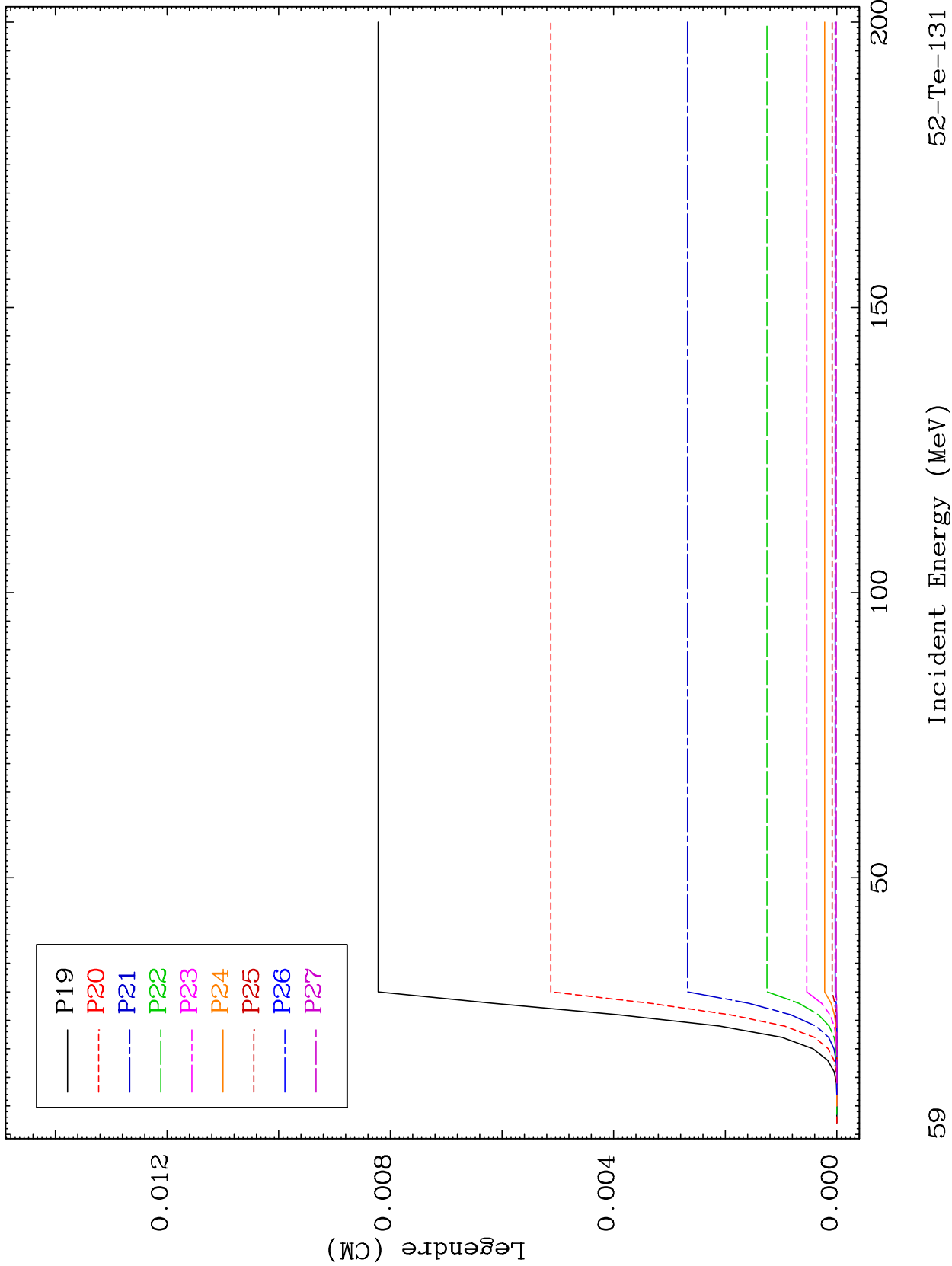




MAT 5258

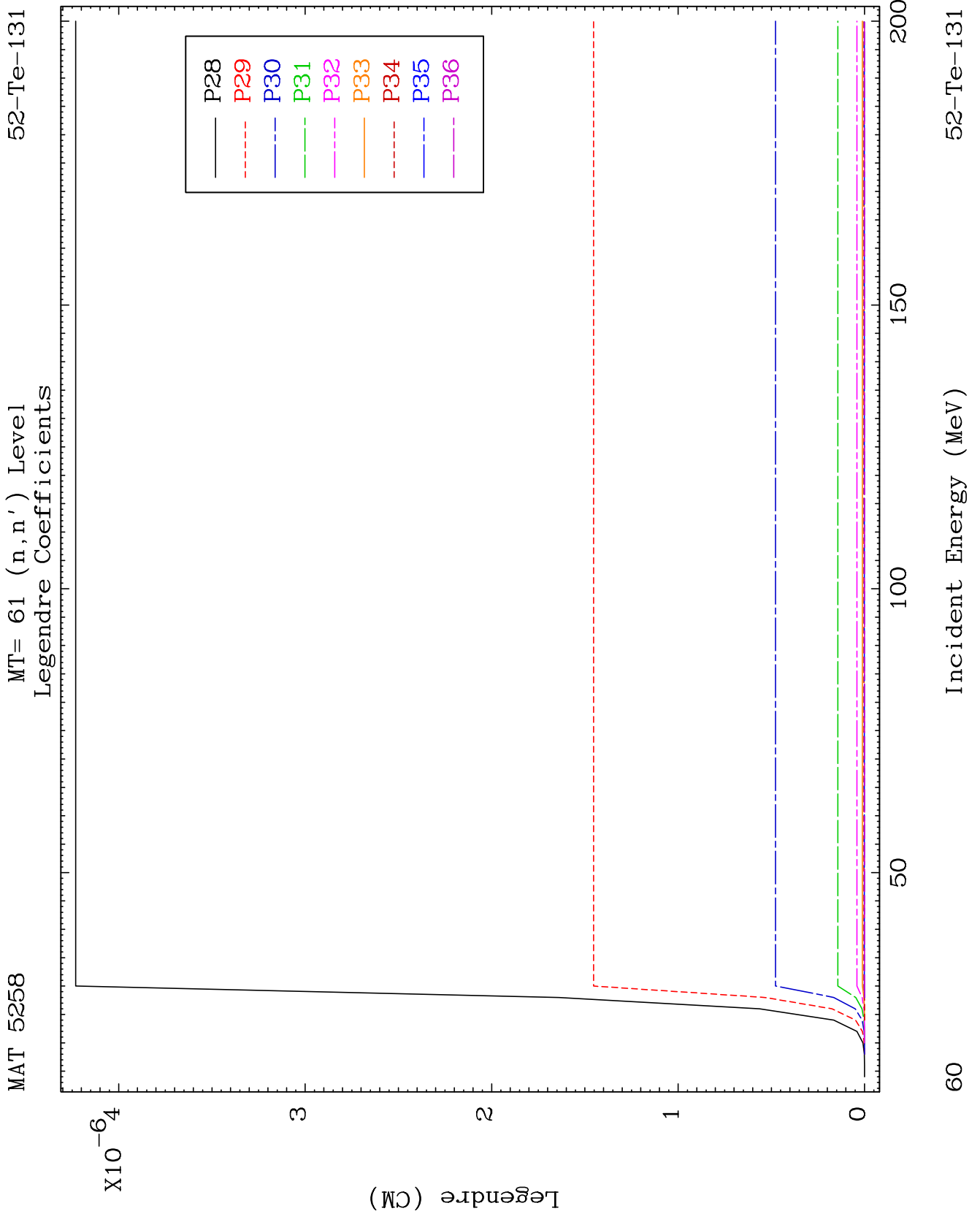
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Legendre Coefficients

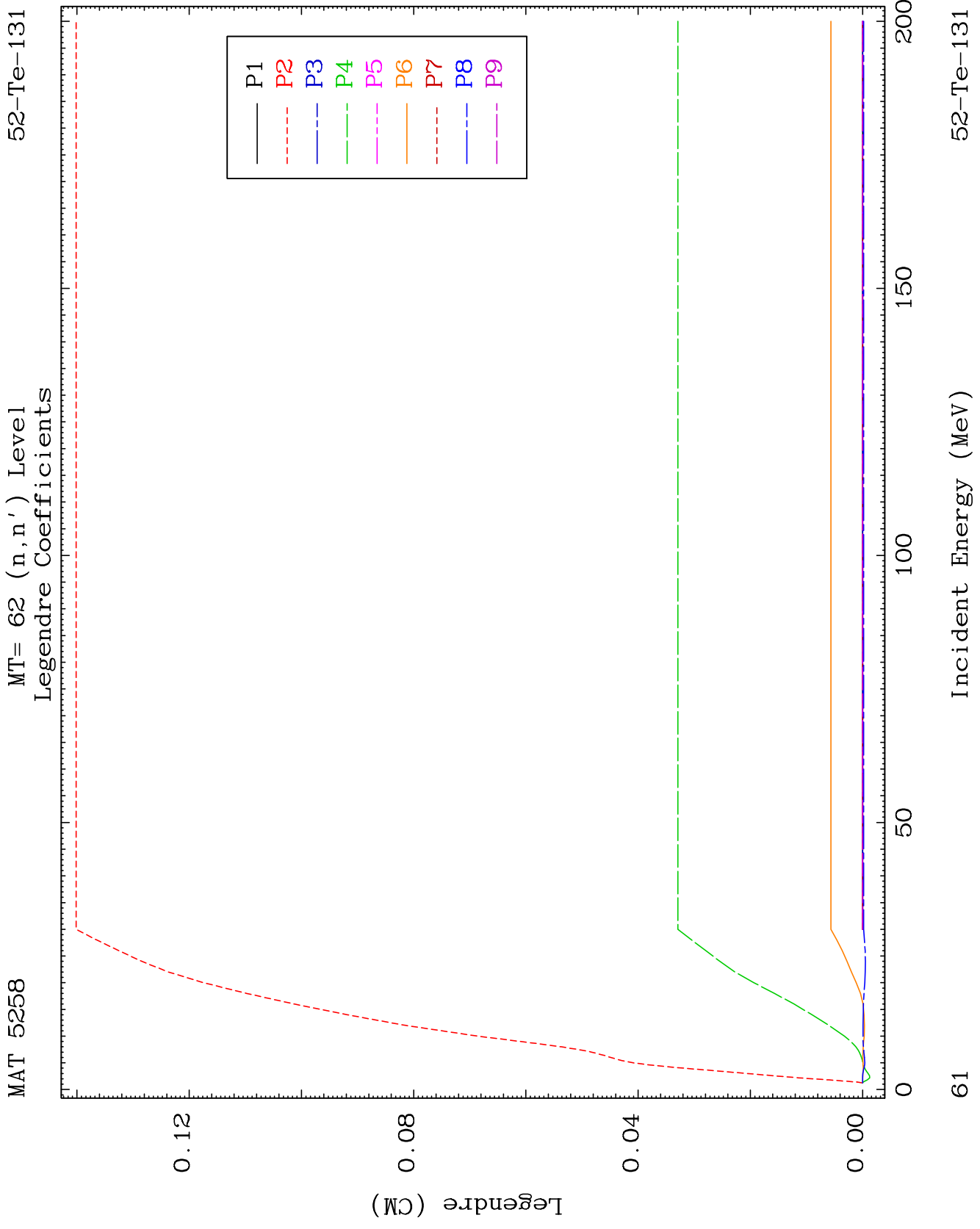
52-Te-131

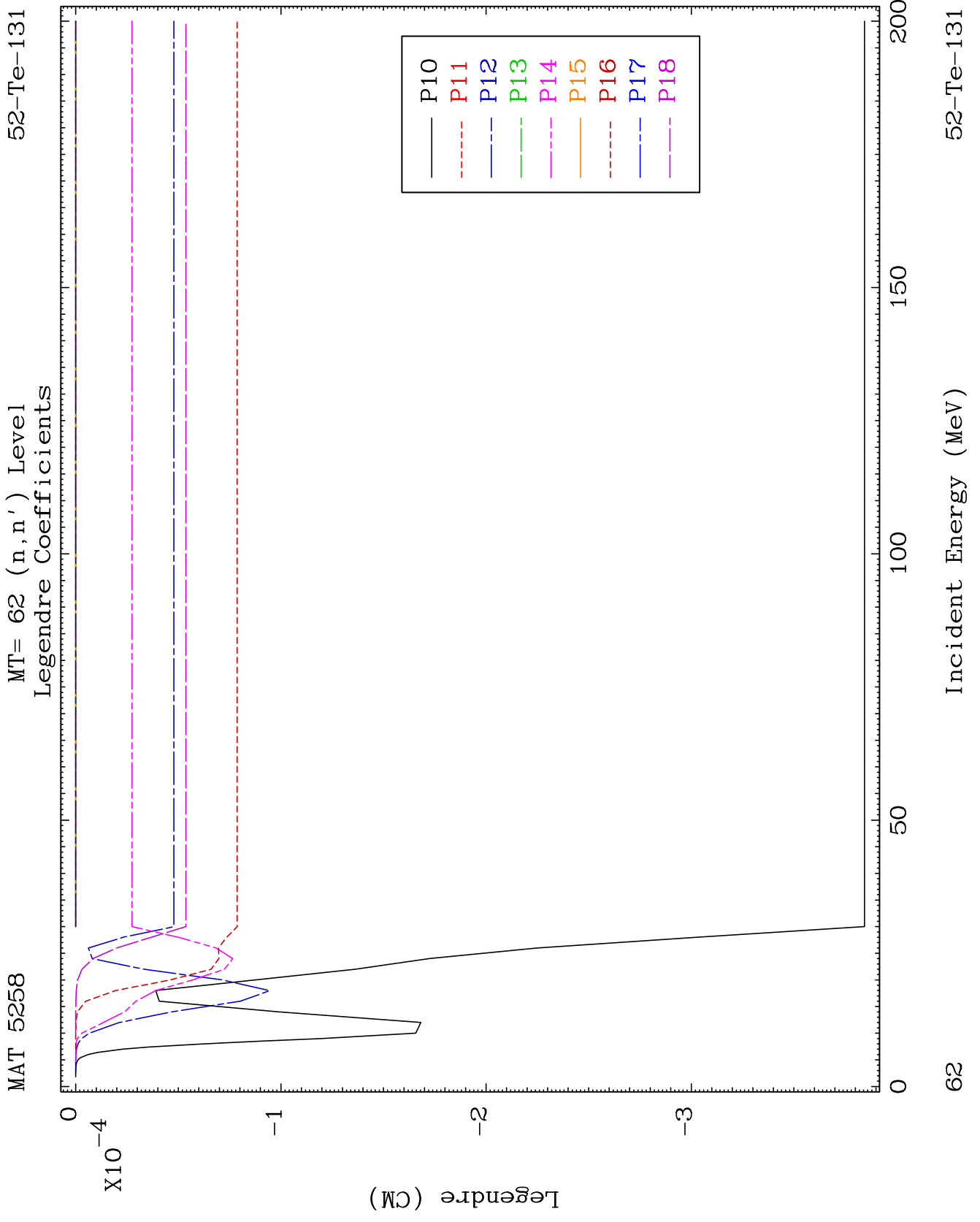


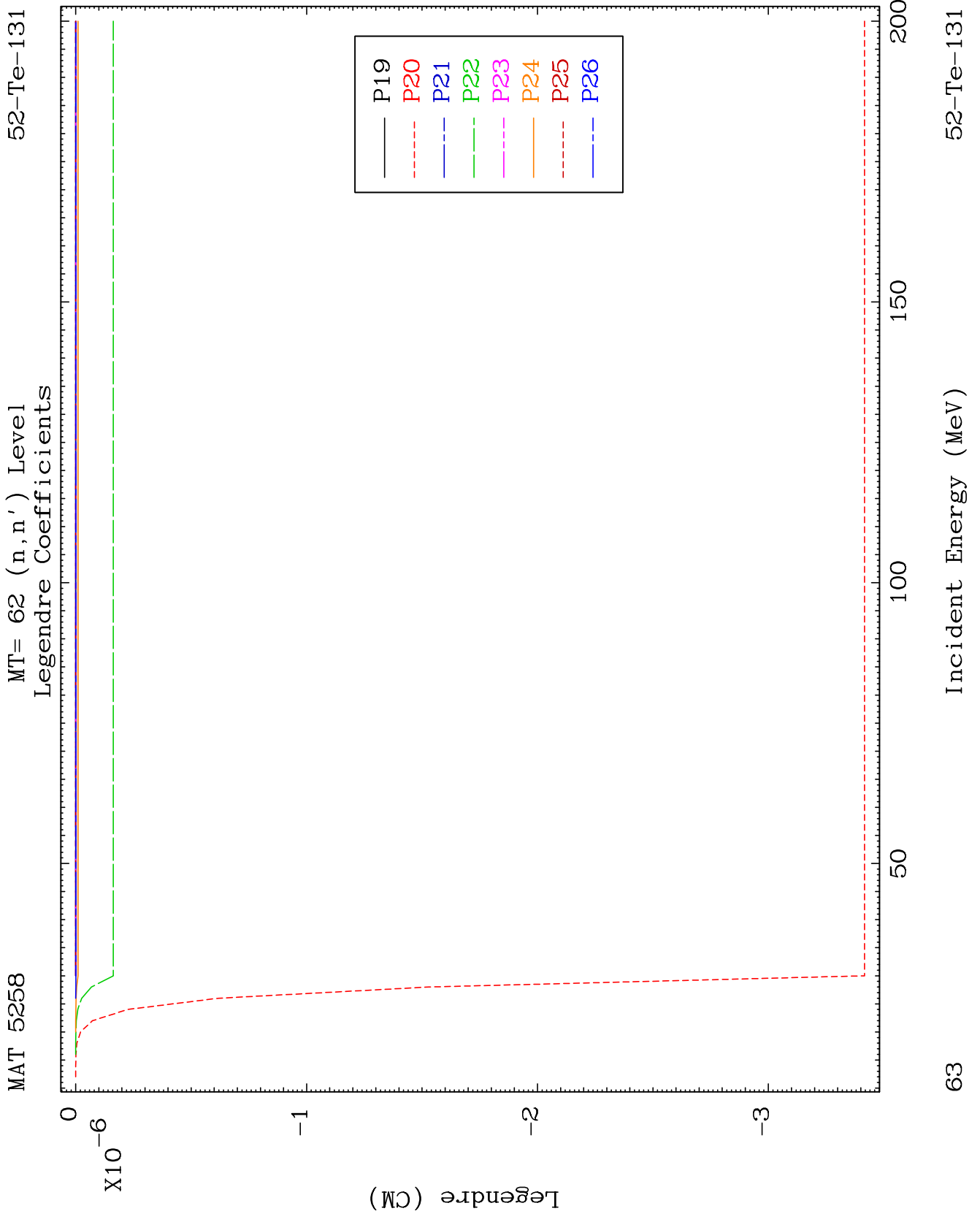
59

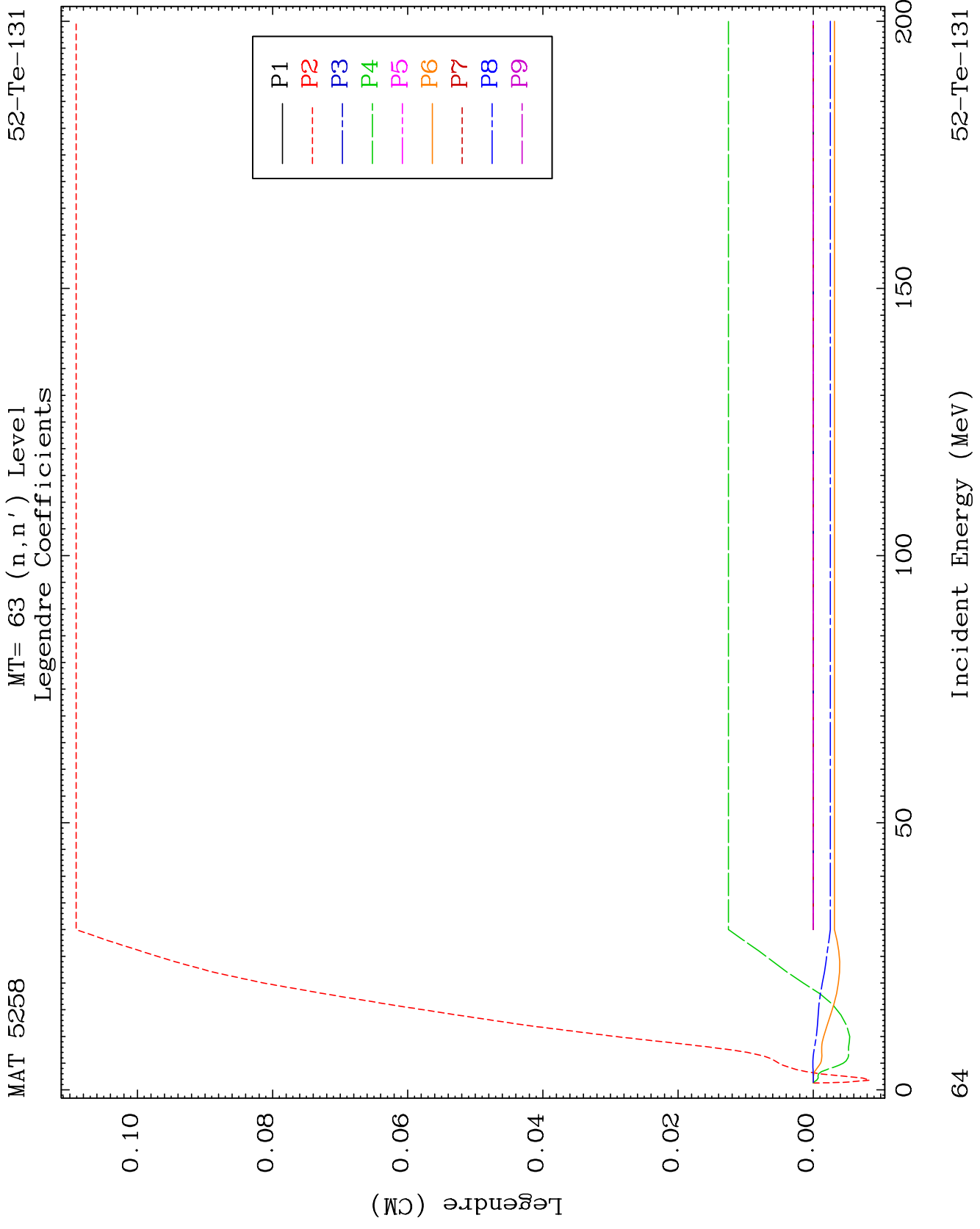
52-Te-131







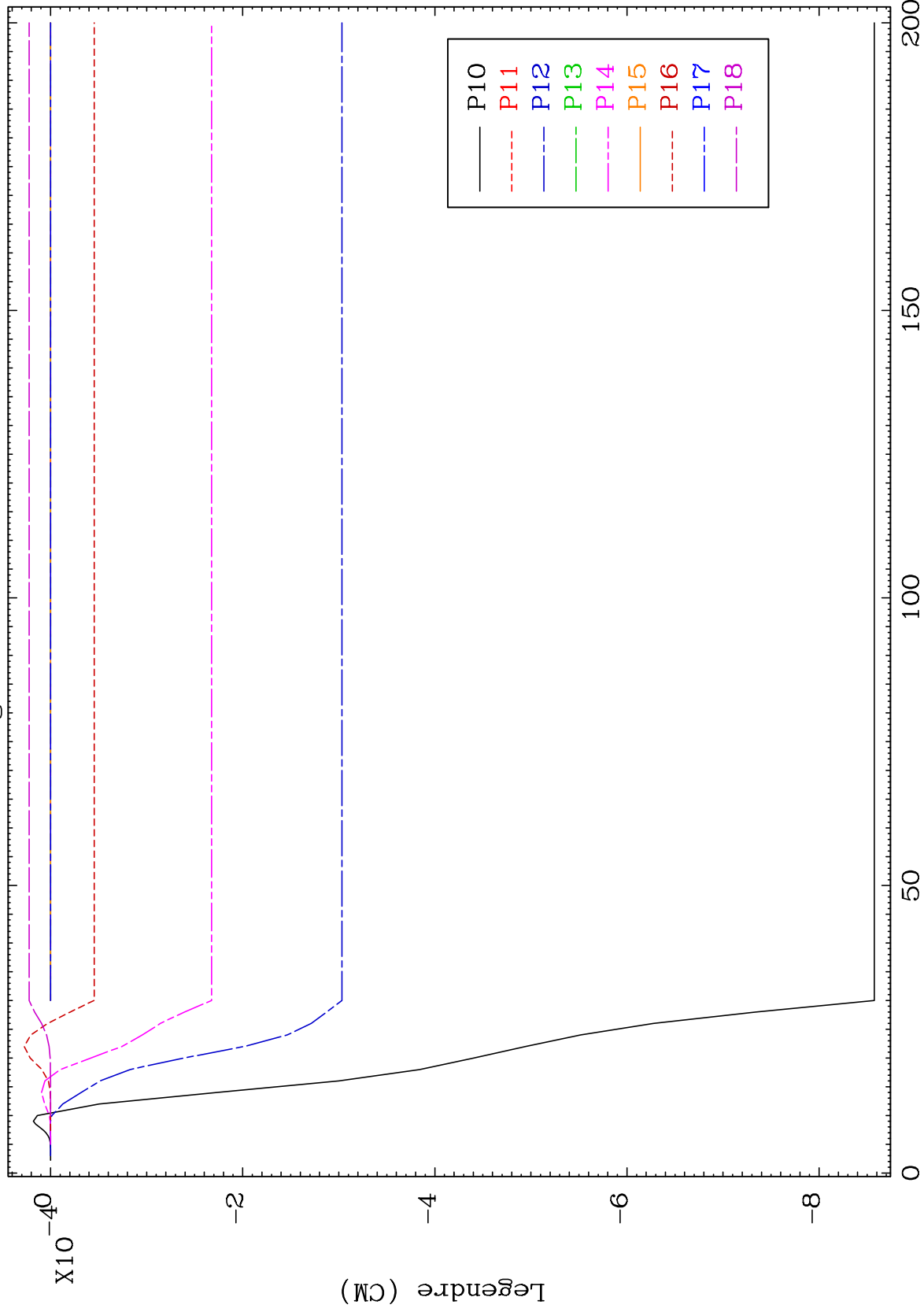




MAT 5258

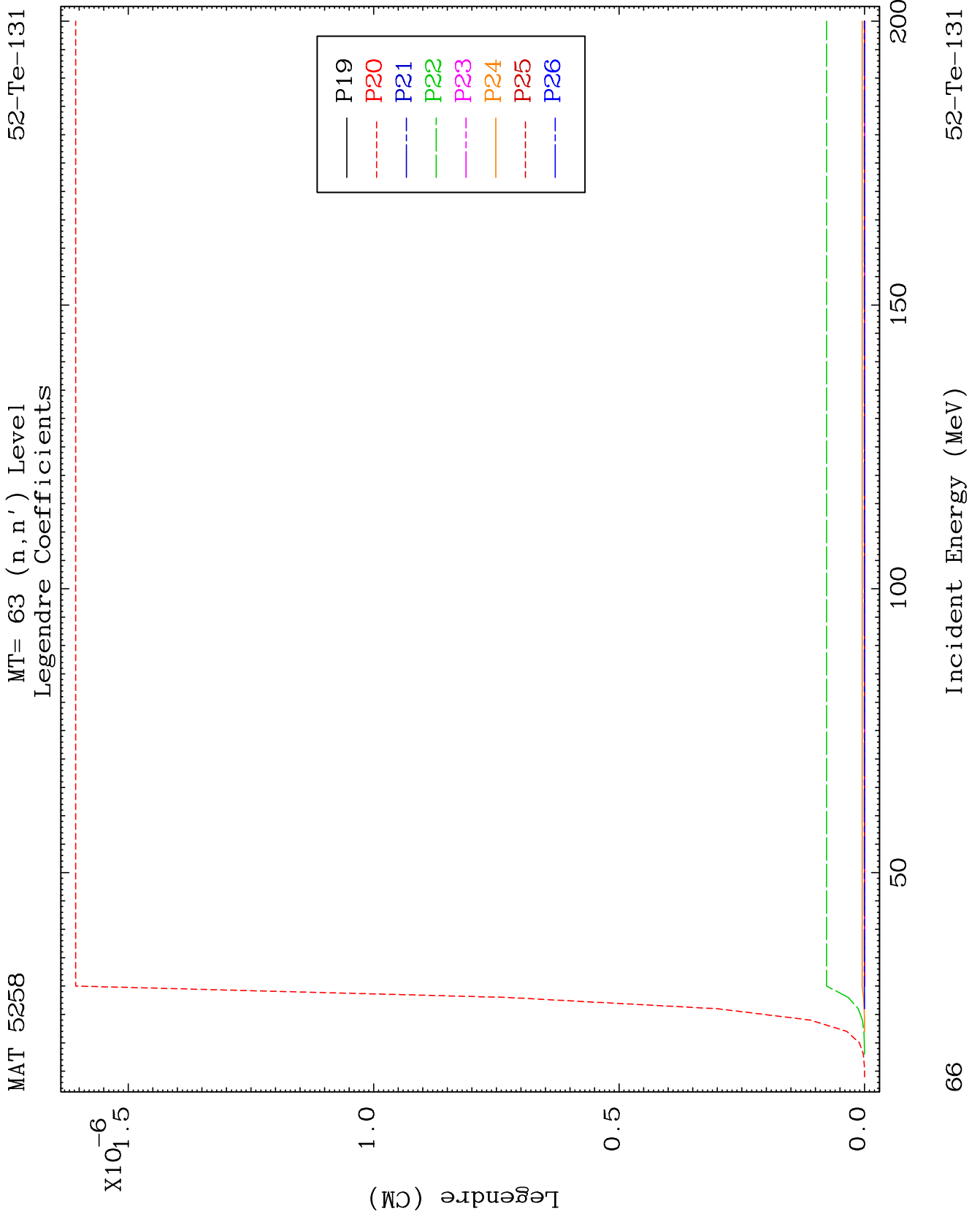
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Legendre Coefficients

52-Te-131

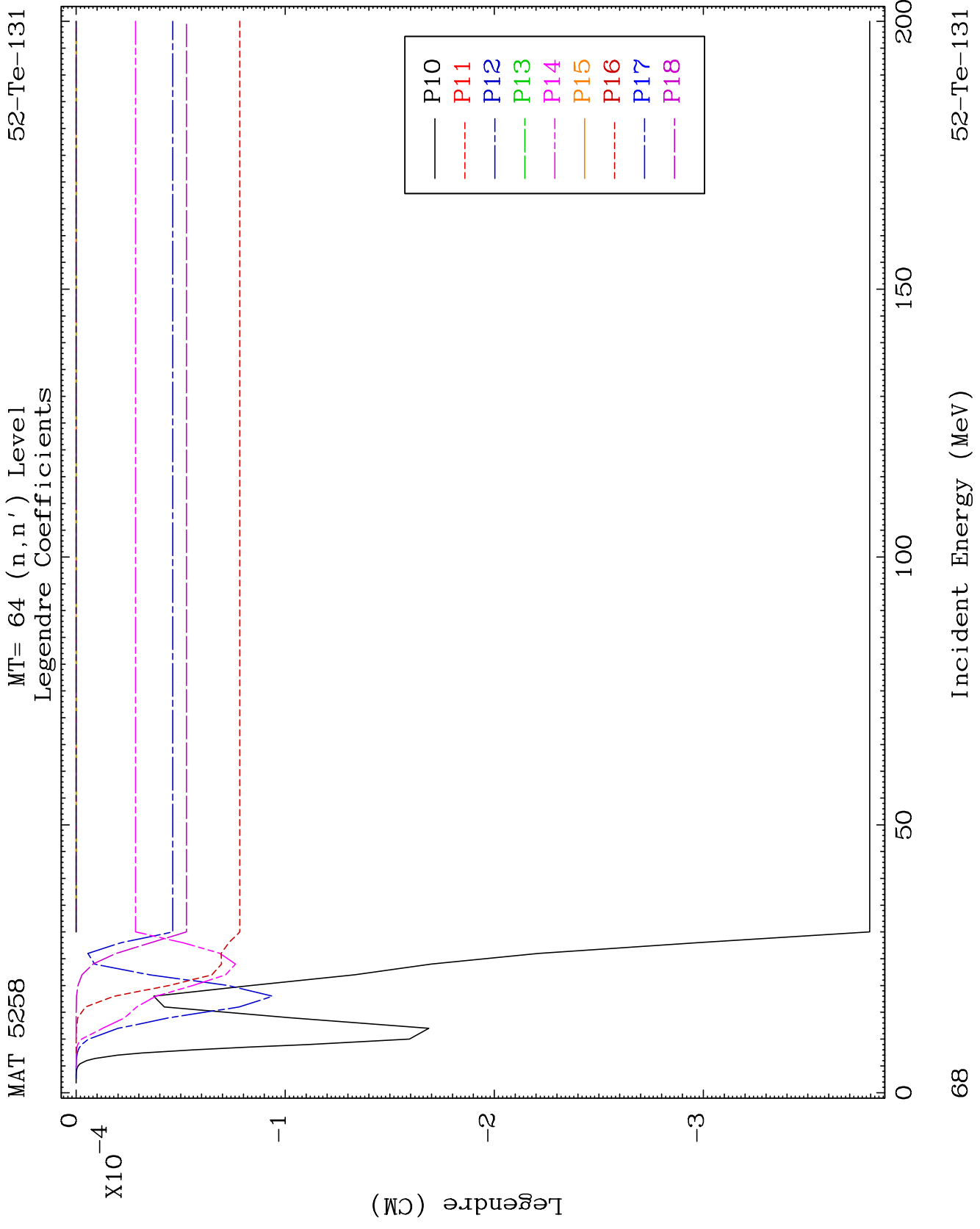


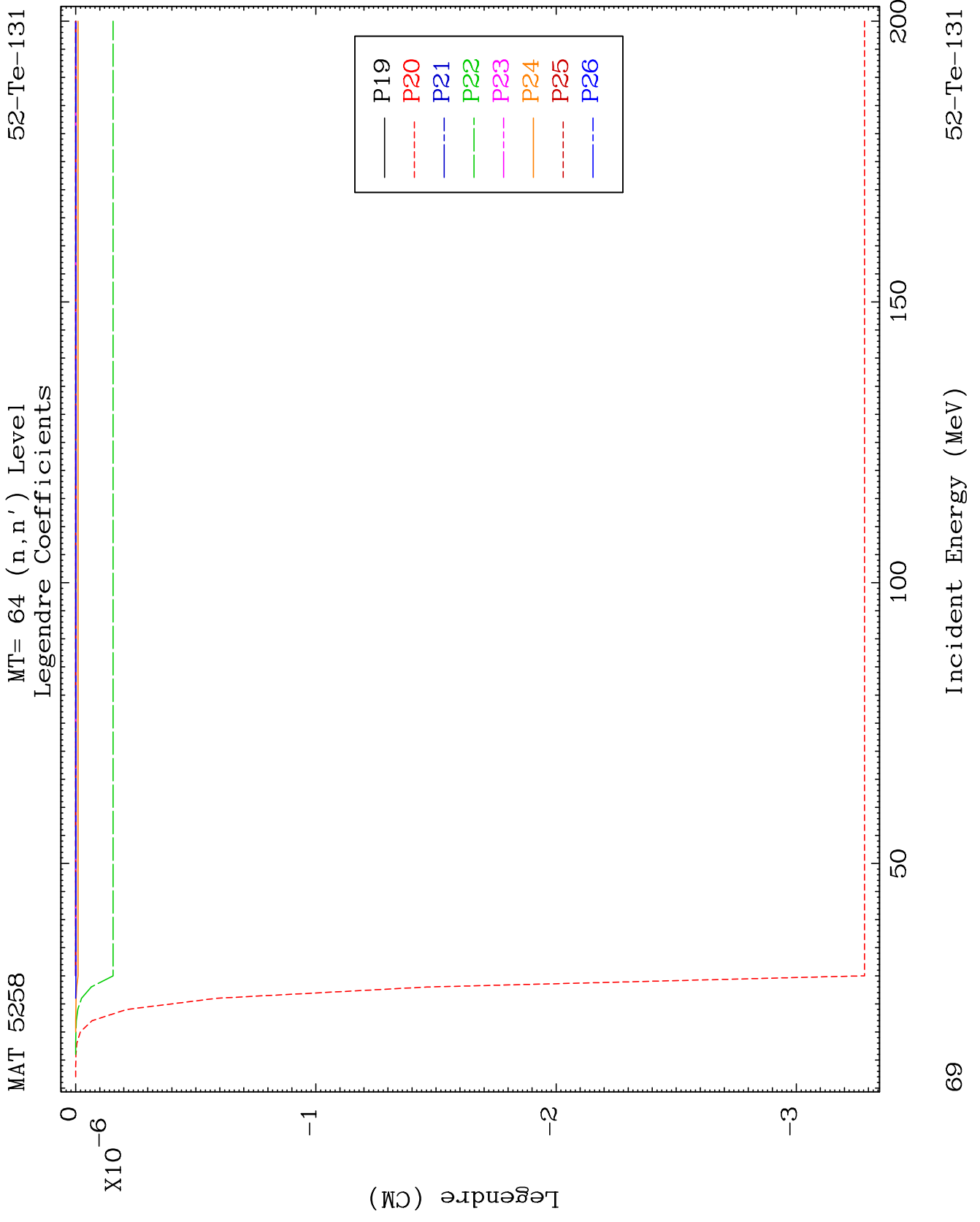
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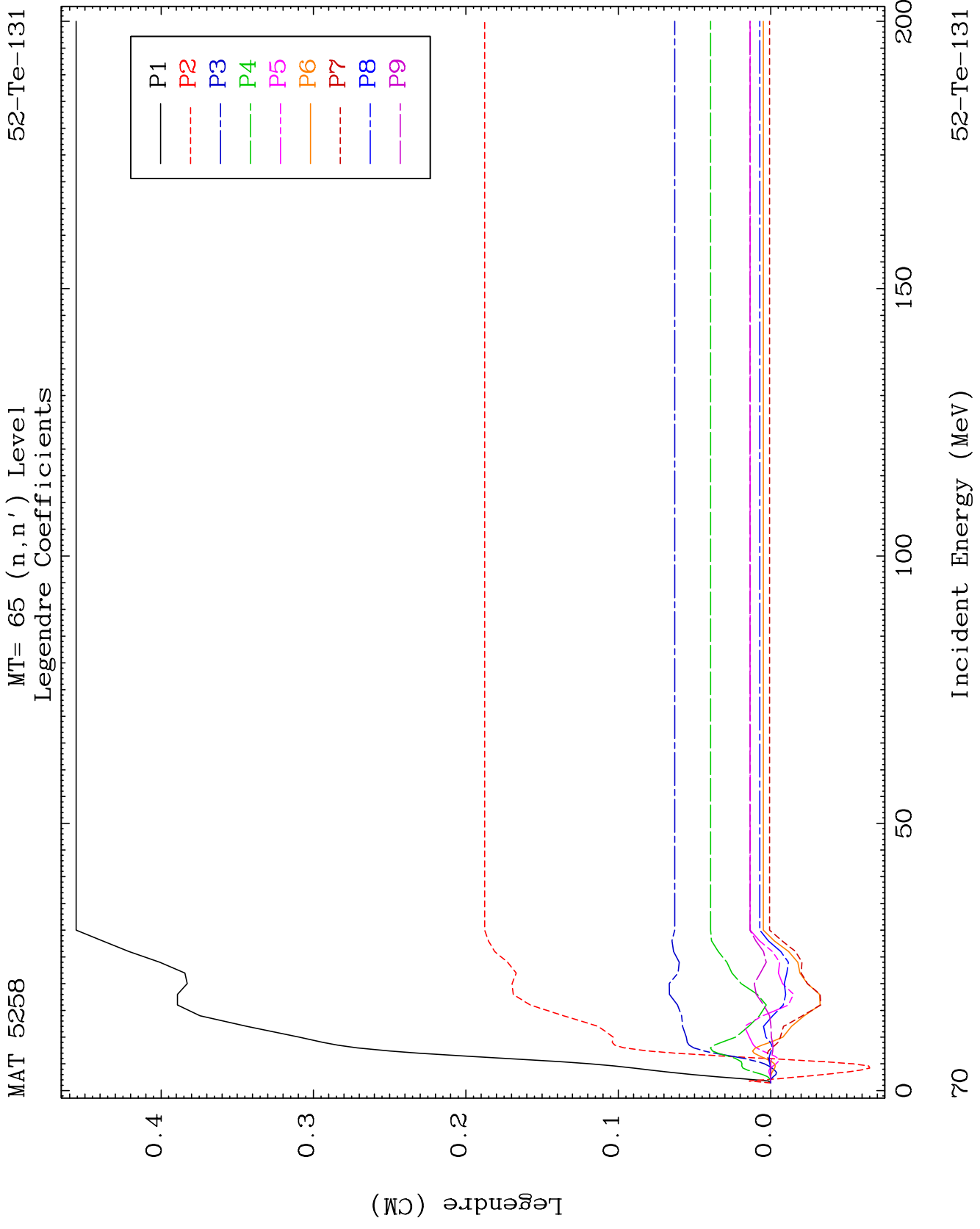
52-Te-131







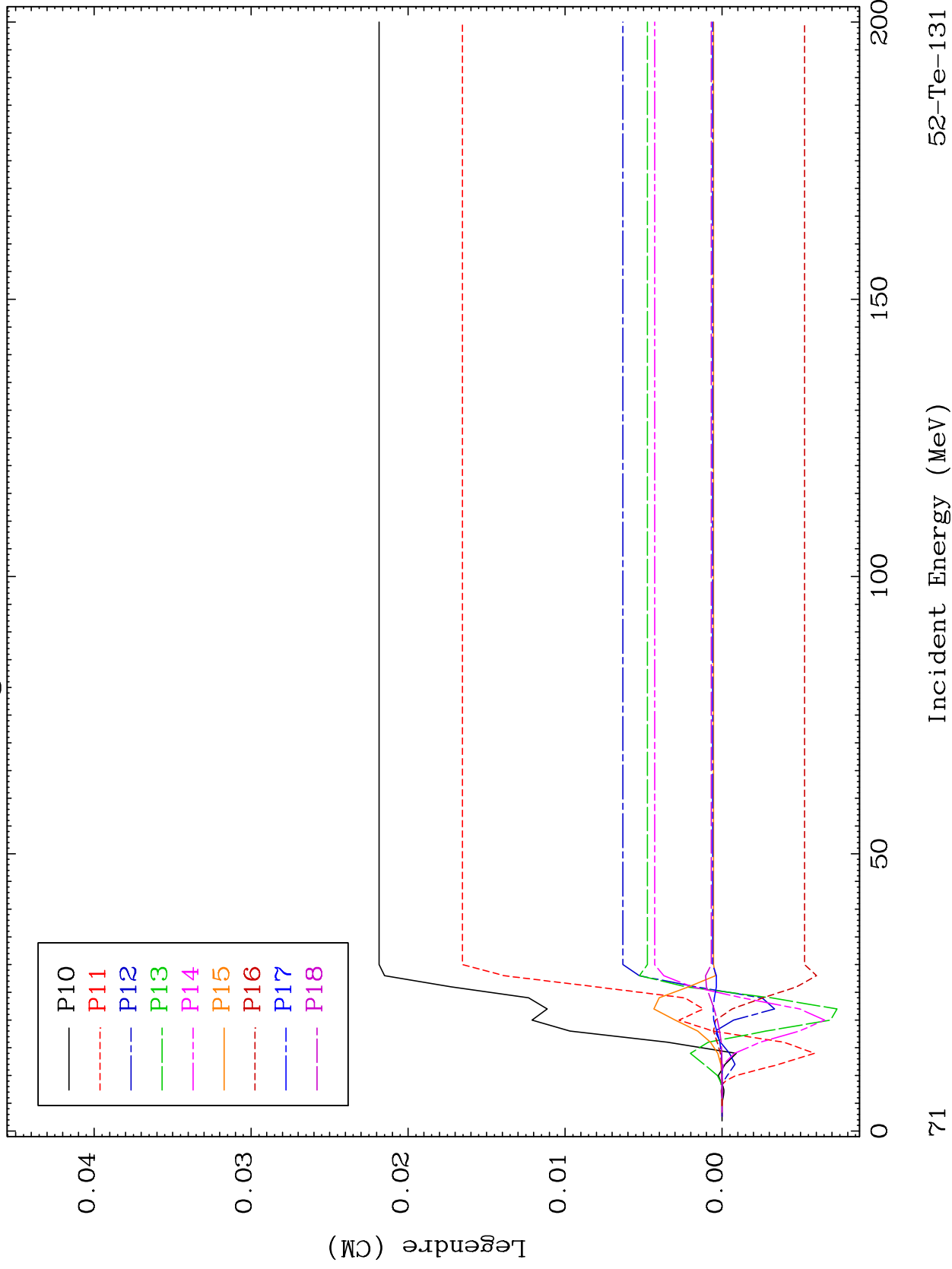




MAT 5258

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

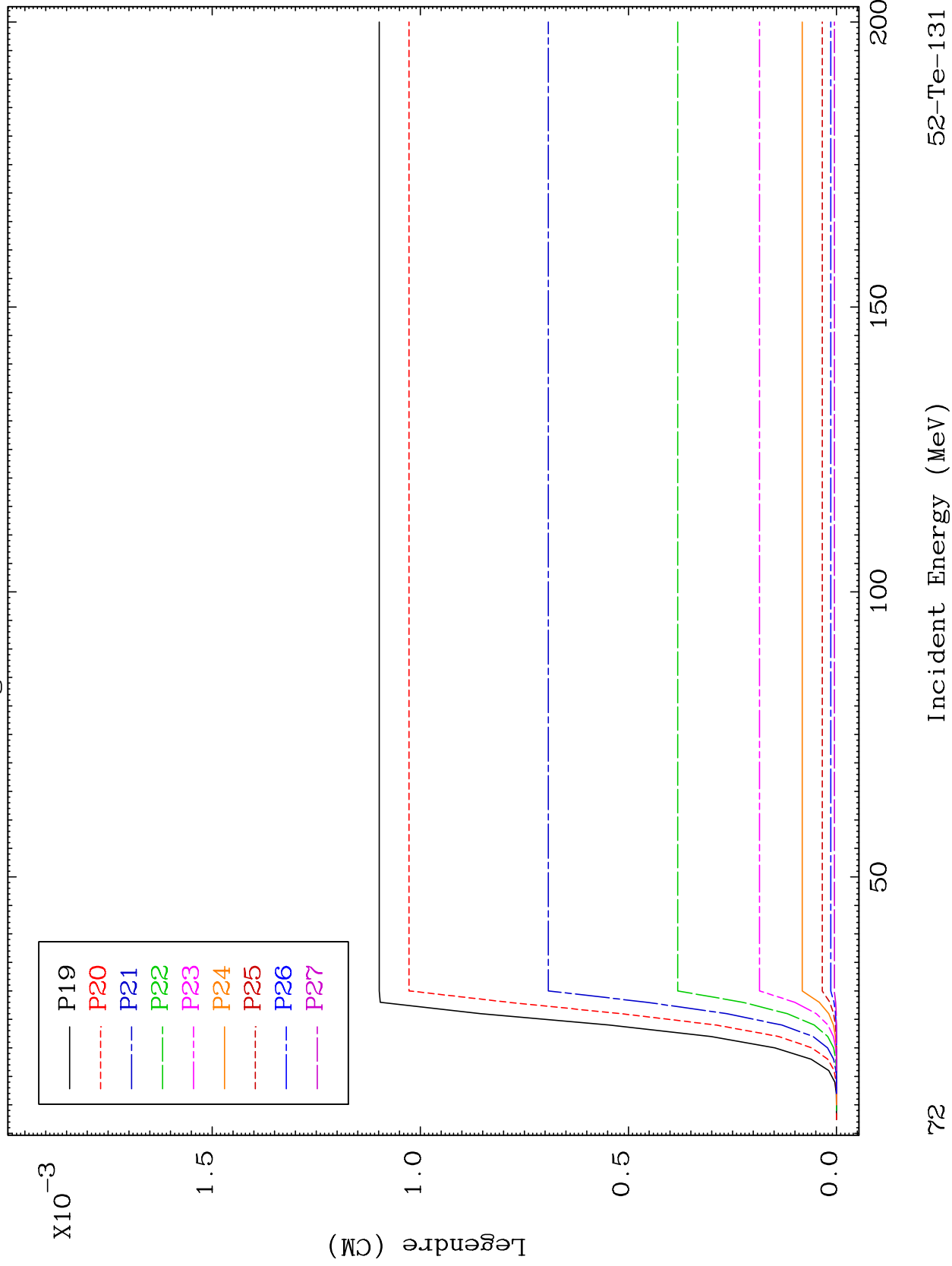
52-Te-131



MAT 5258

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

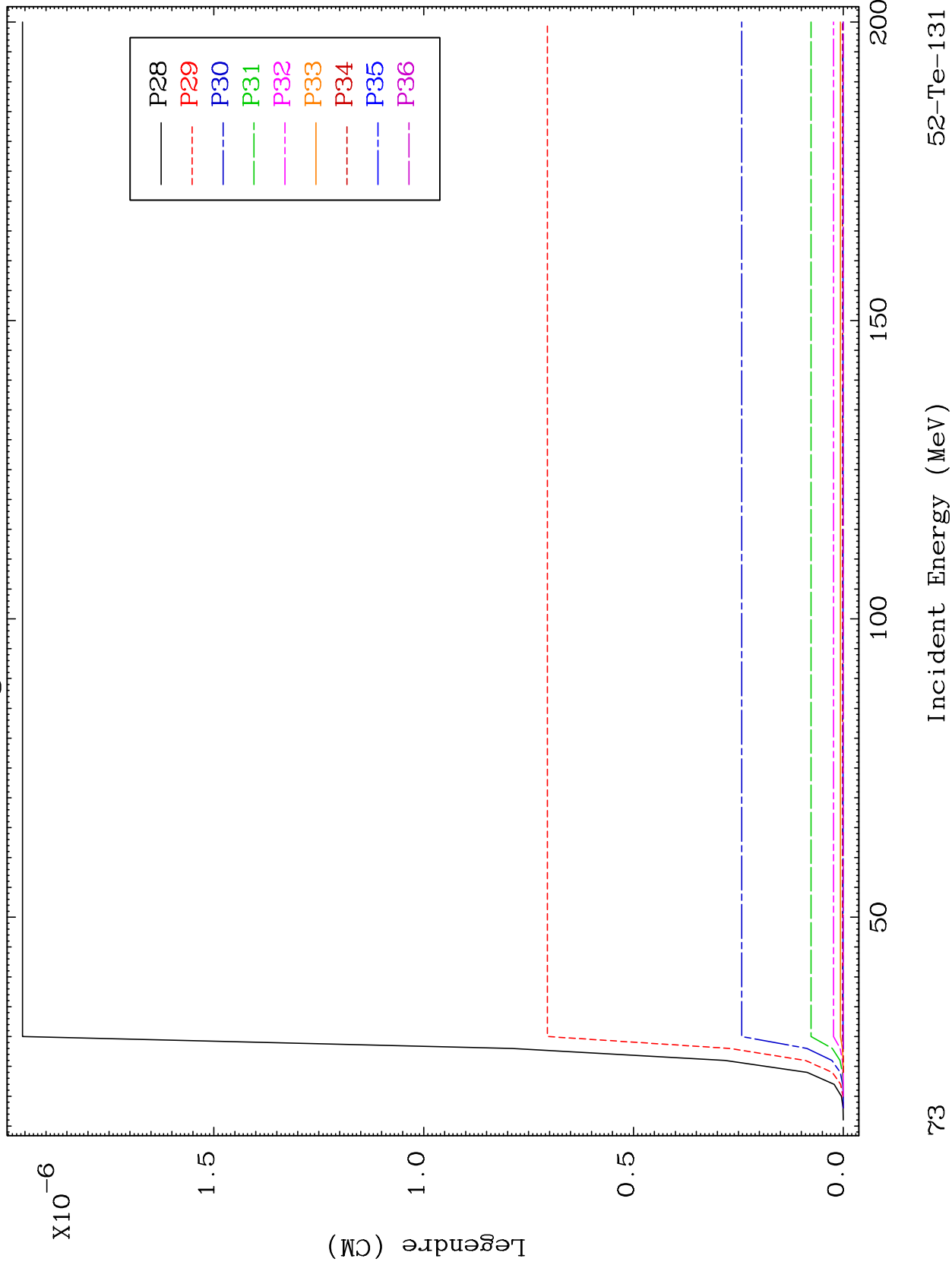
52-Te-131



MAT 5258

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

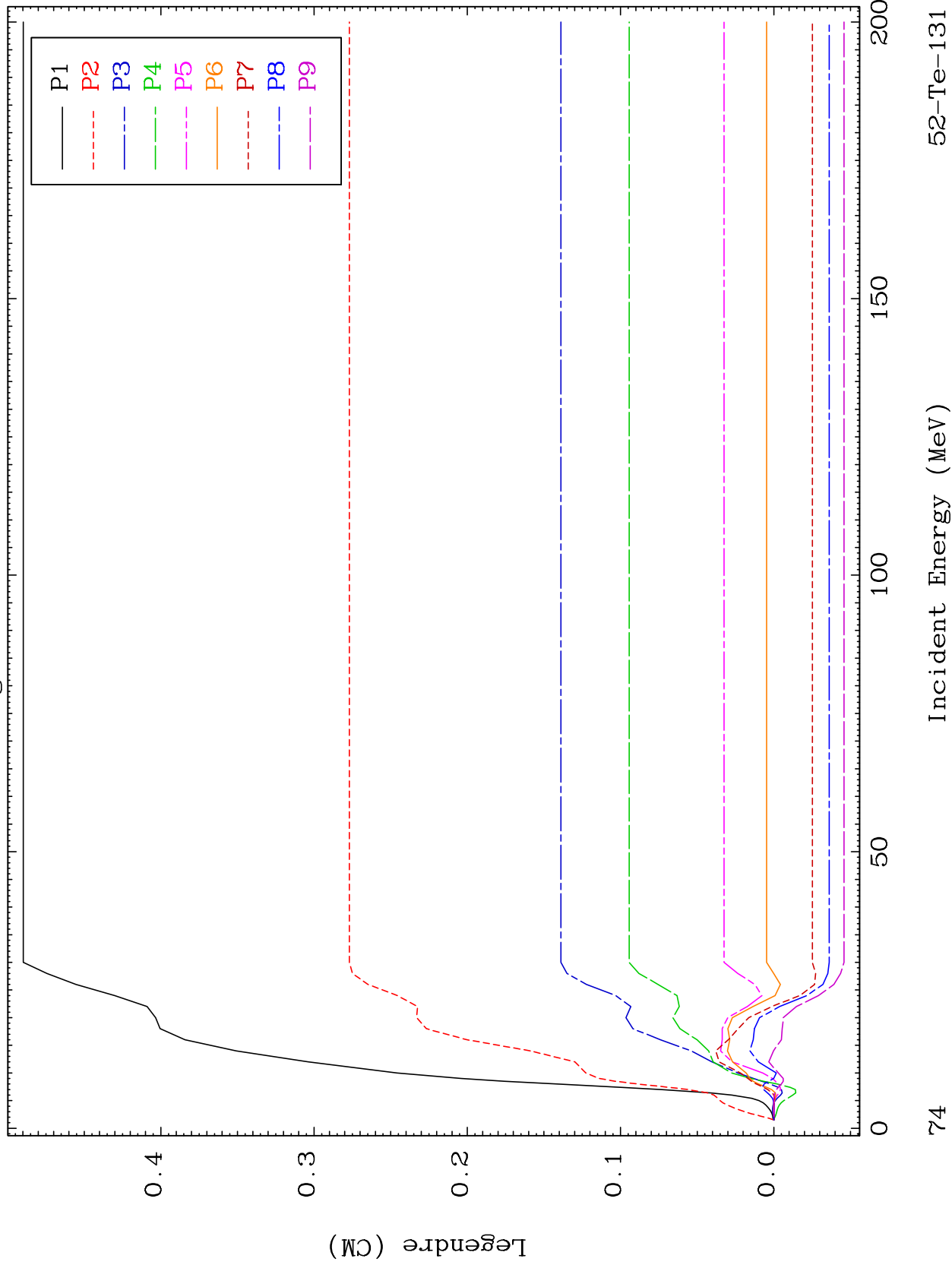
52-Te-131



MAT 5258

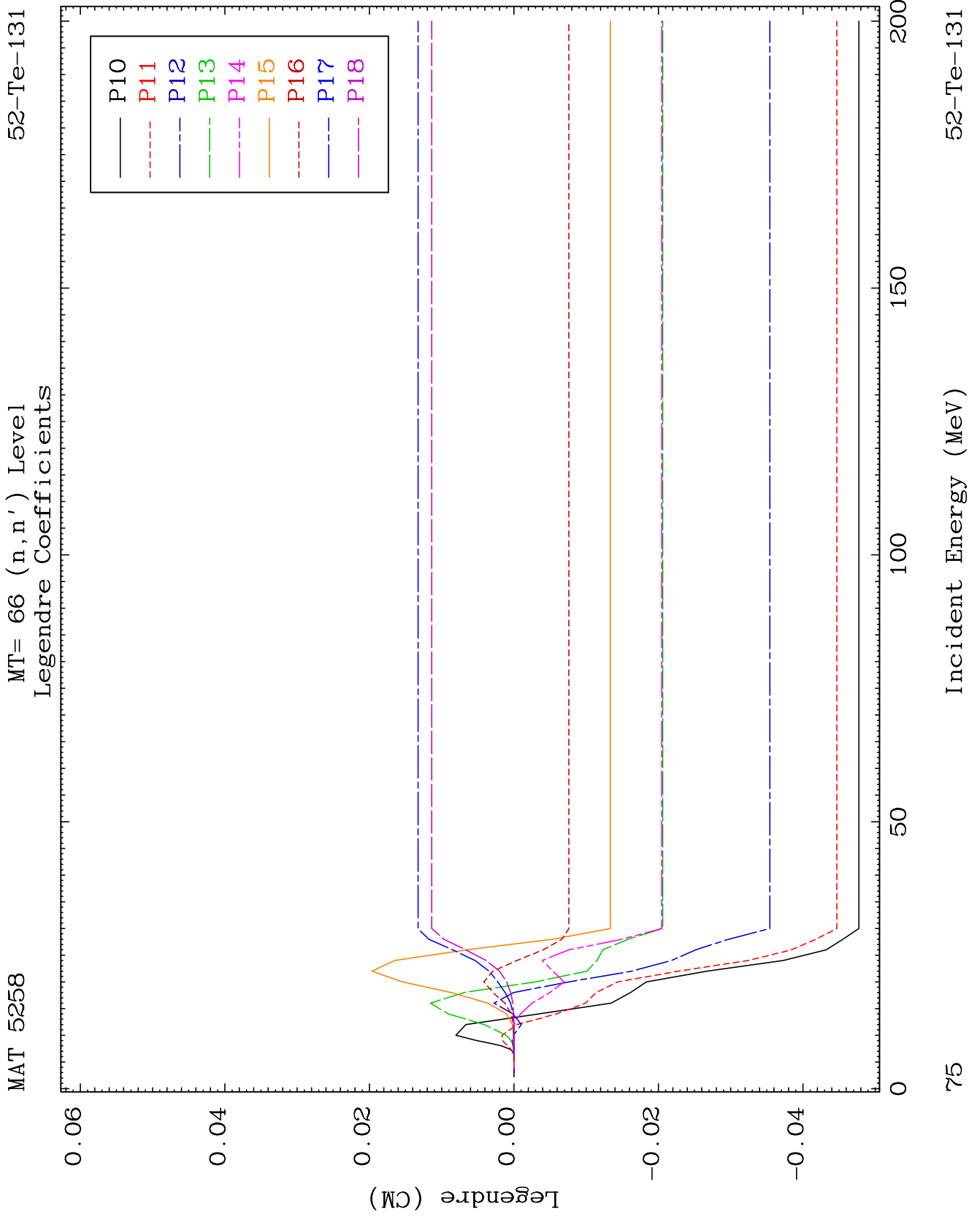
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Legendre Coefficients

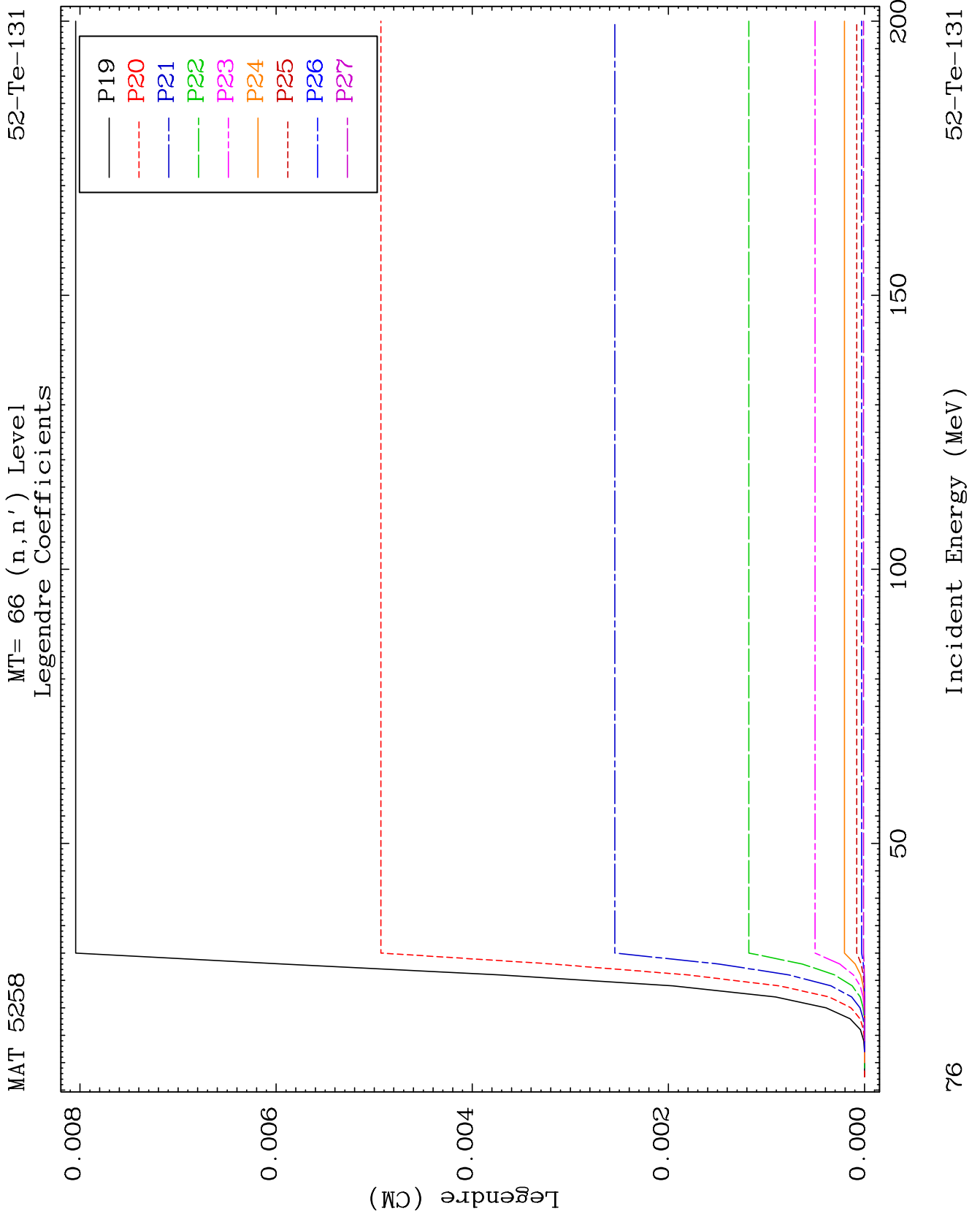
52-Te-131



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52-Te-131

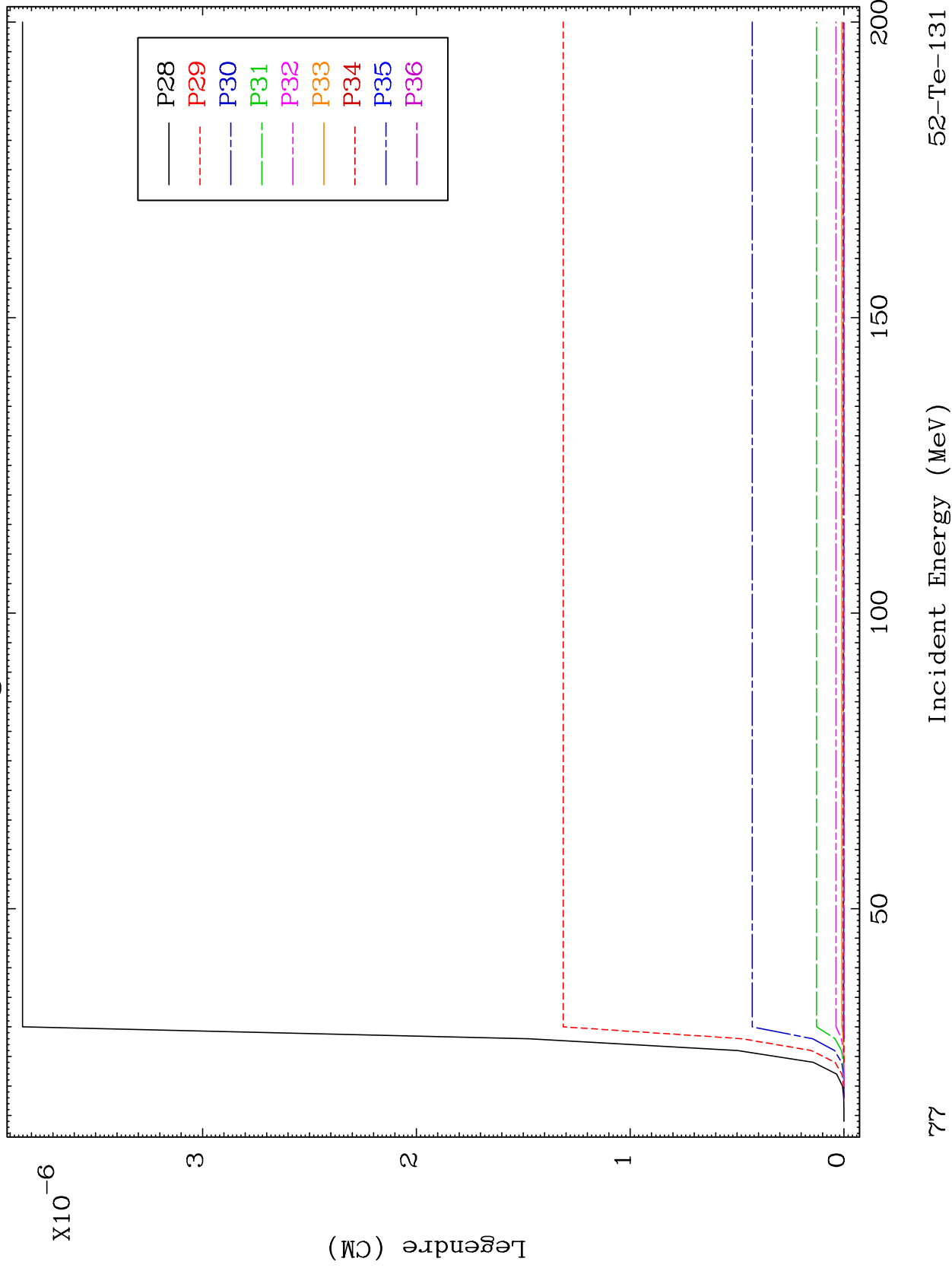




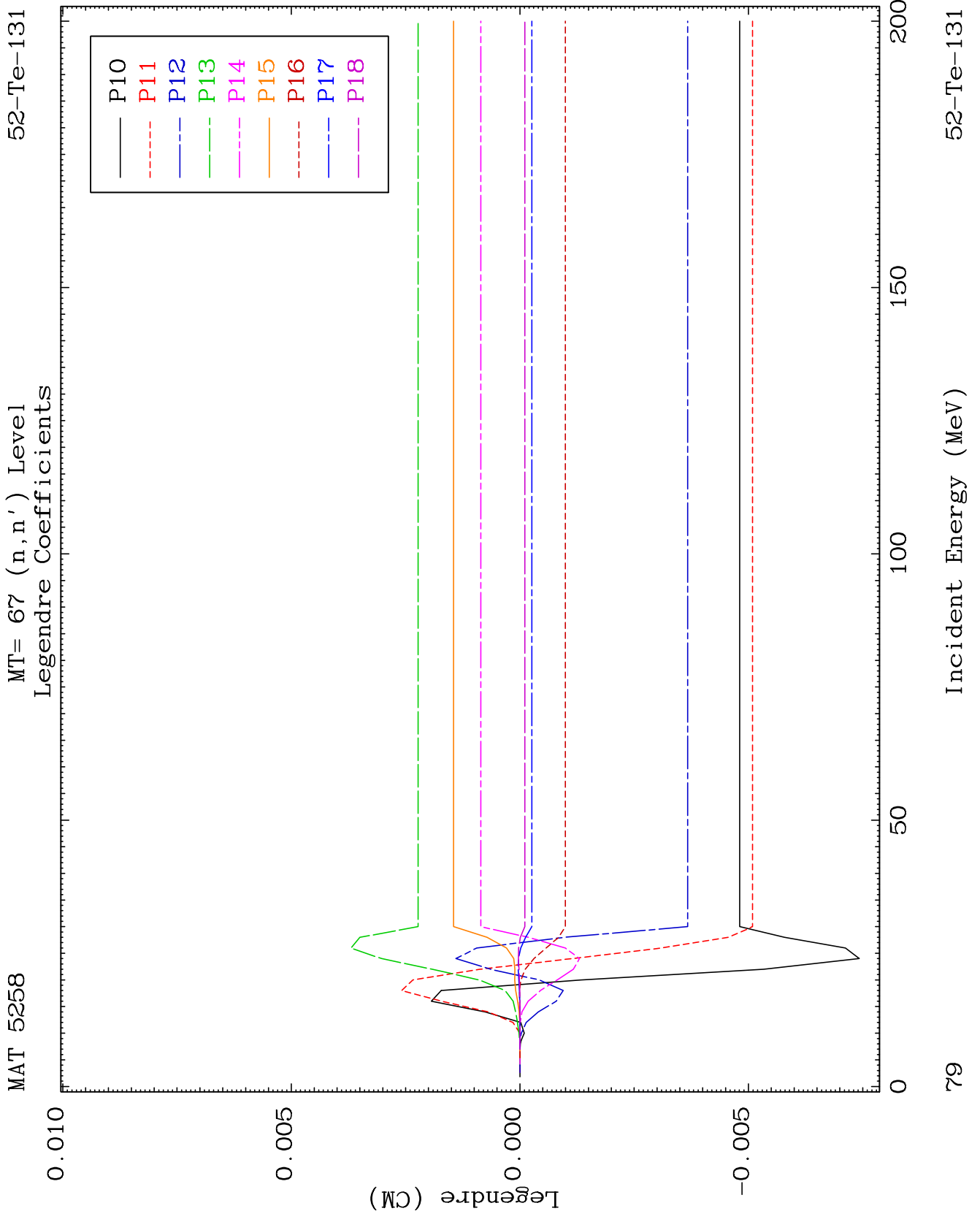
MAT 5258

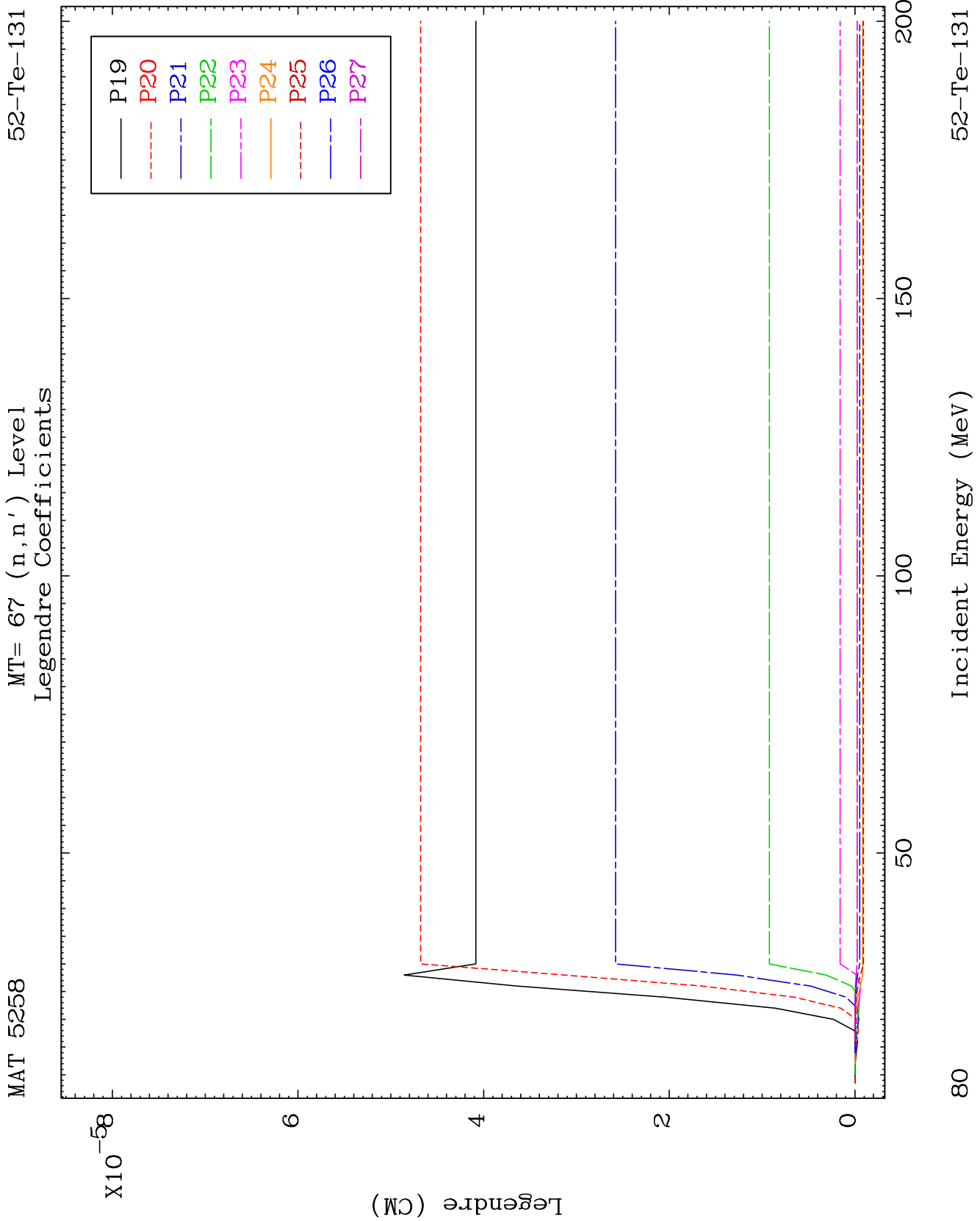
MT= 66 (n,n') Level  
Legendre Coefficients

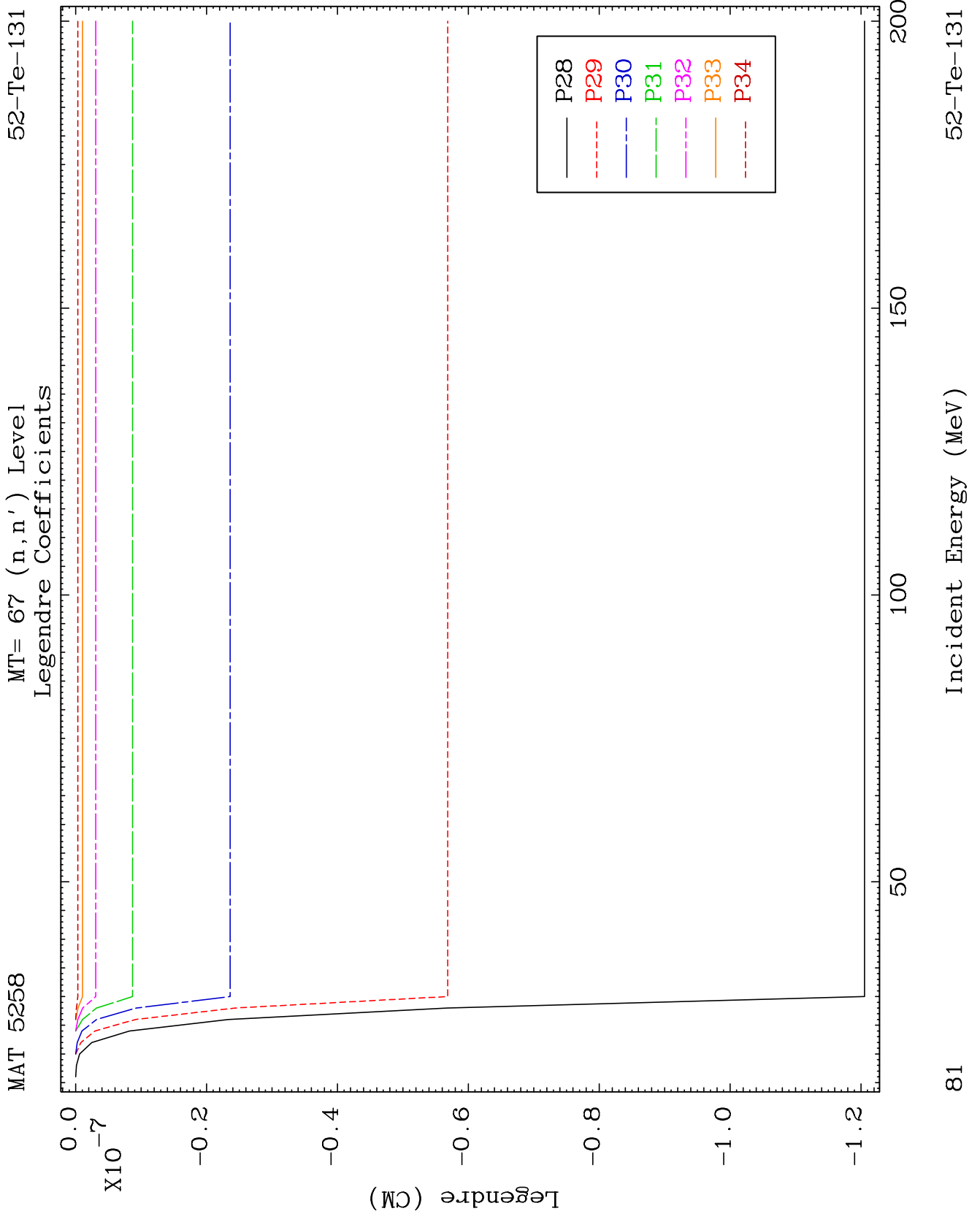
52-Te-131







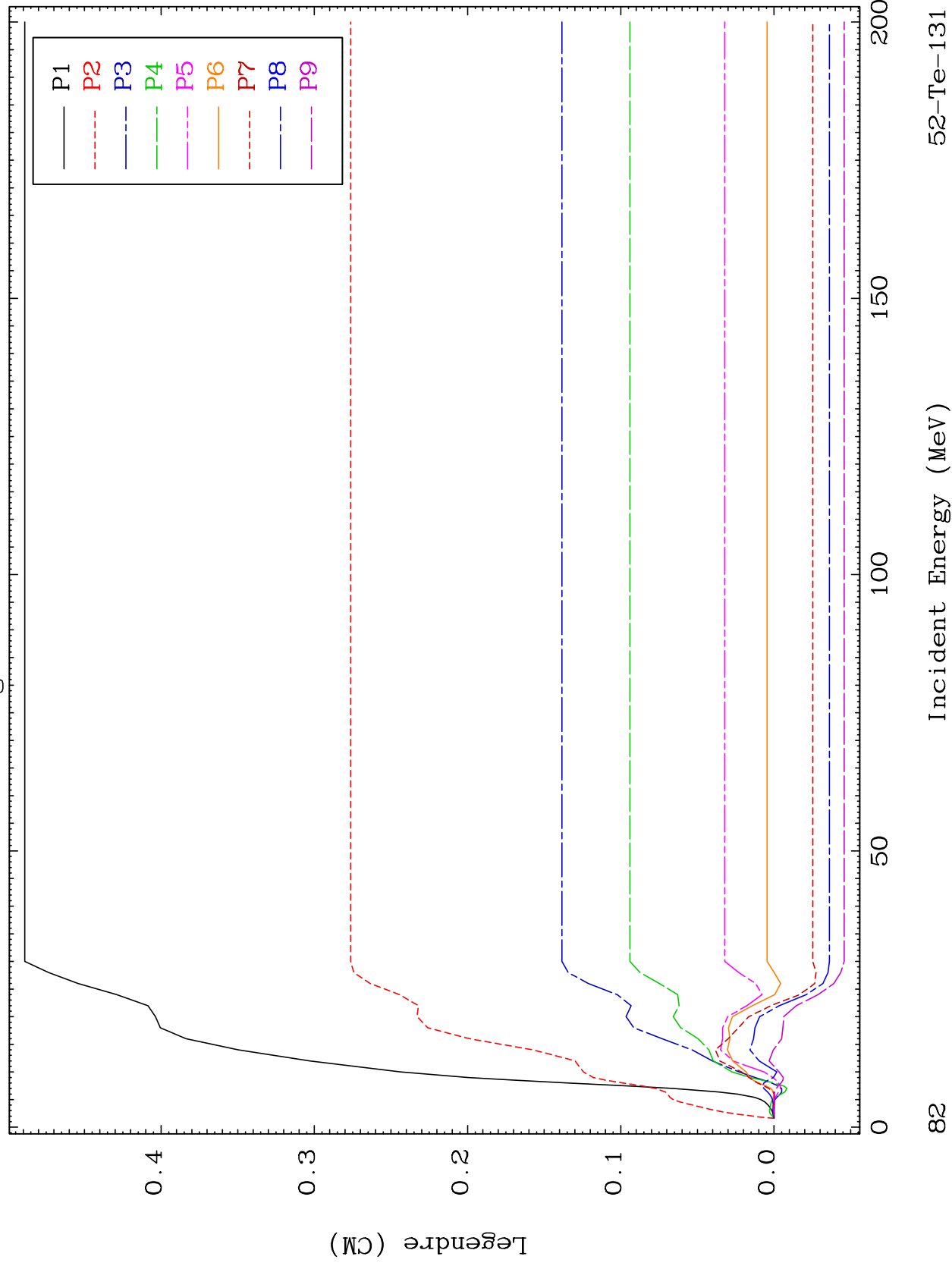




MAT 5258

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

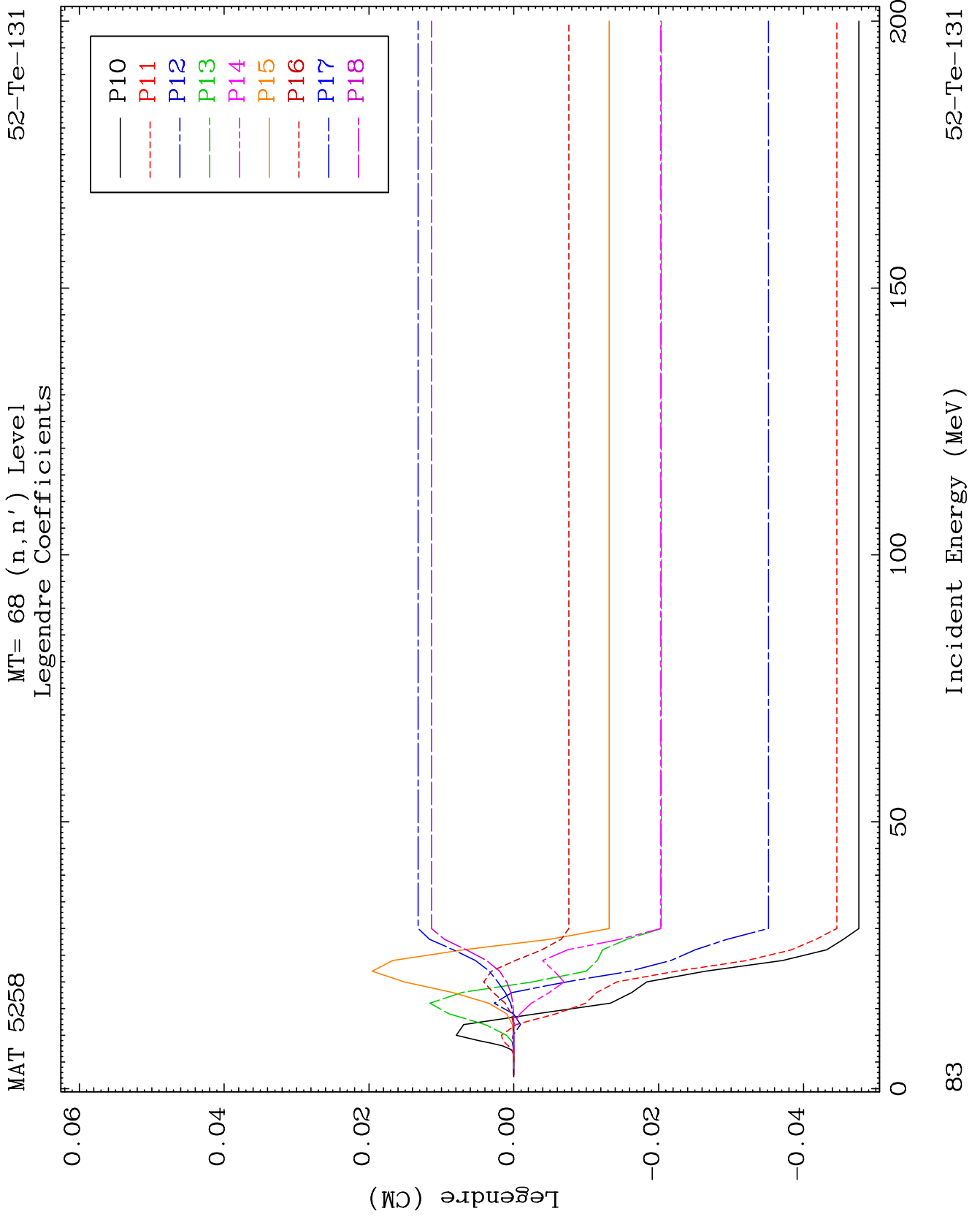
52-Te-131

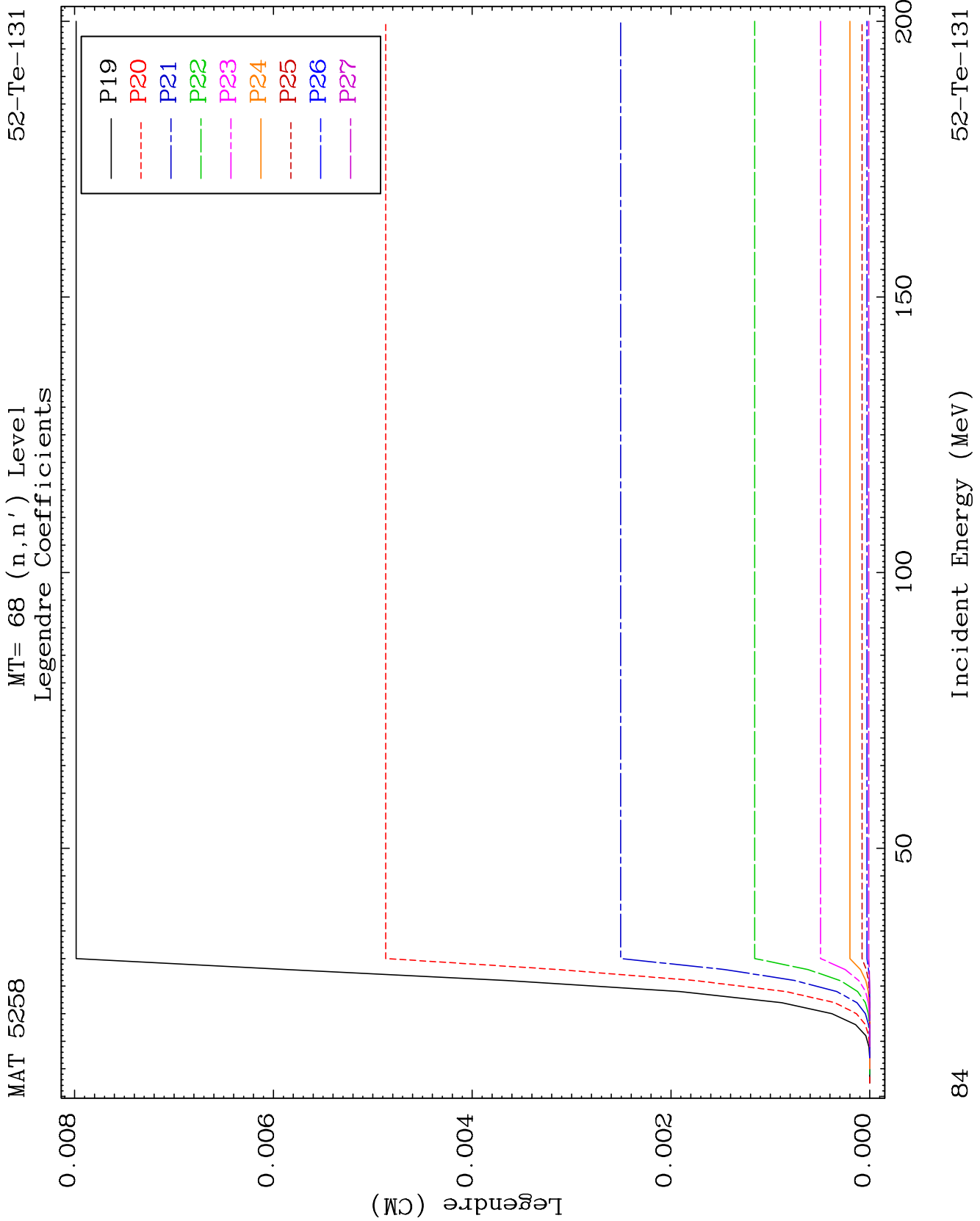


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Incident Energy (MeV)

52-Te-131

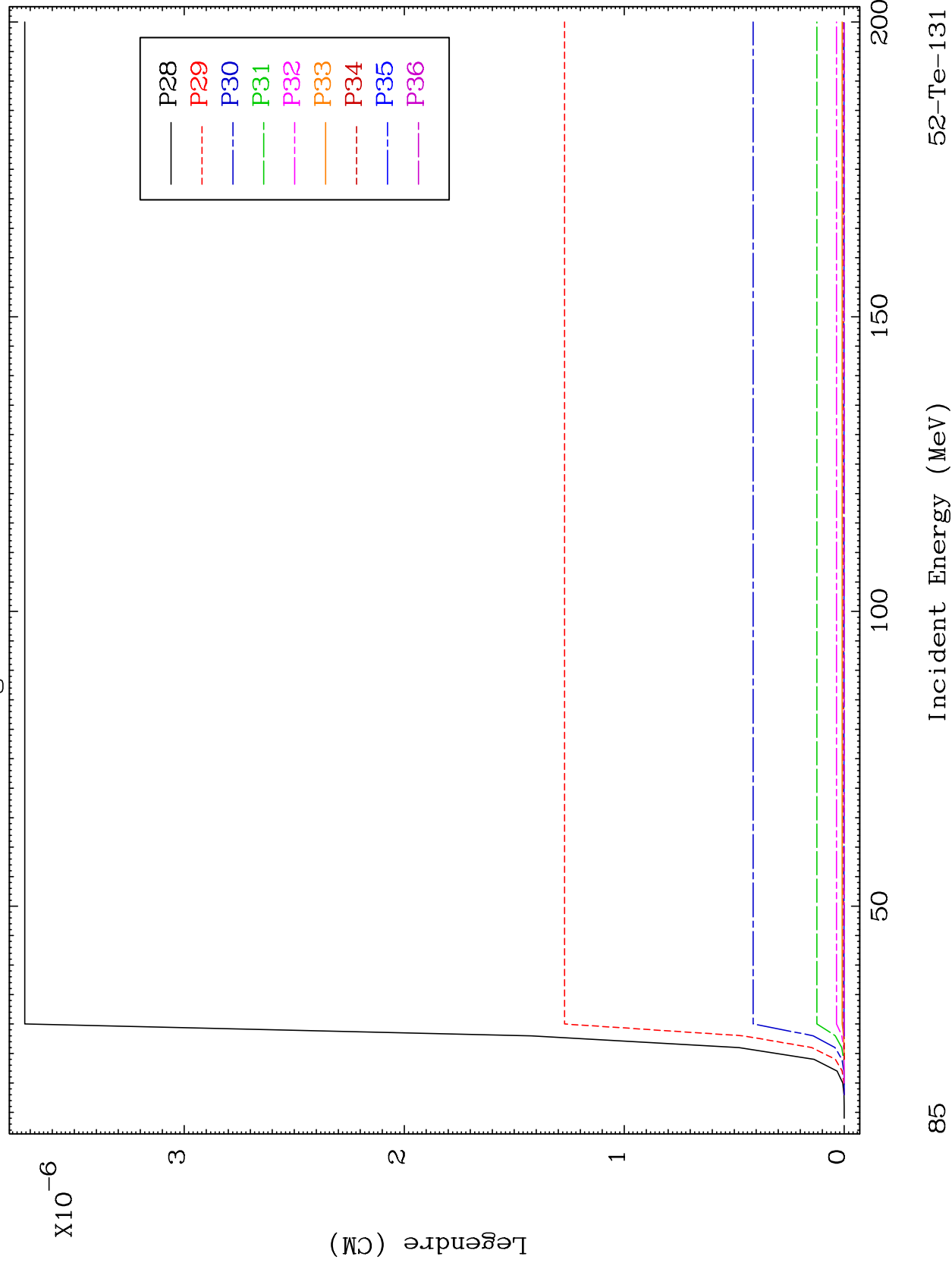


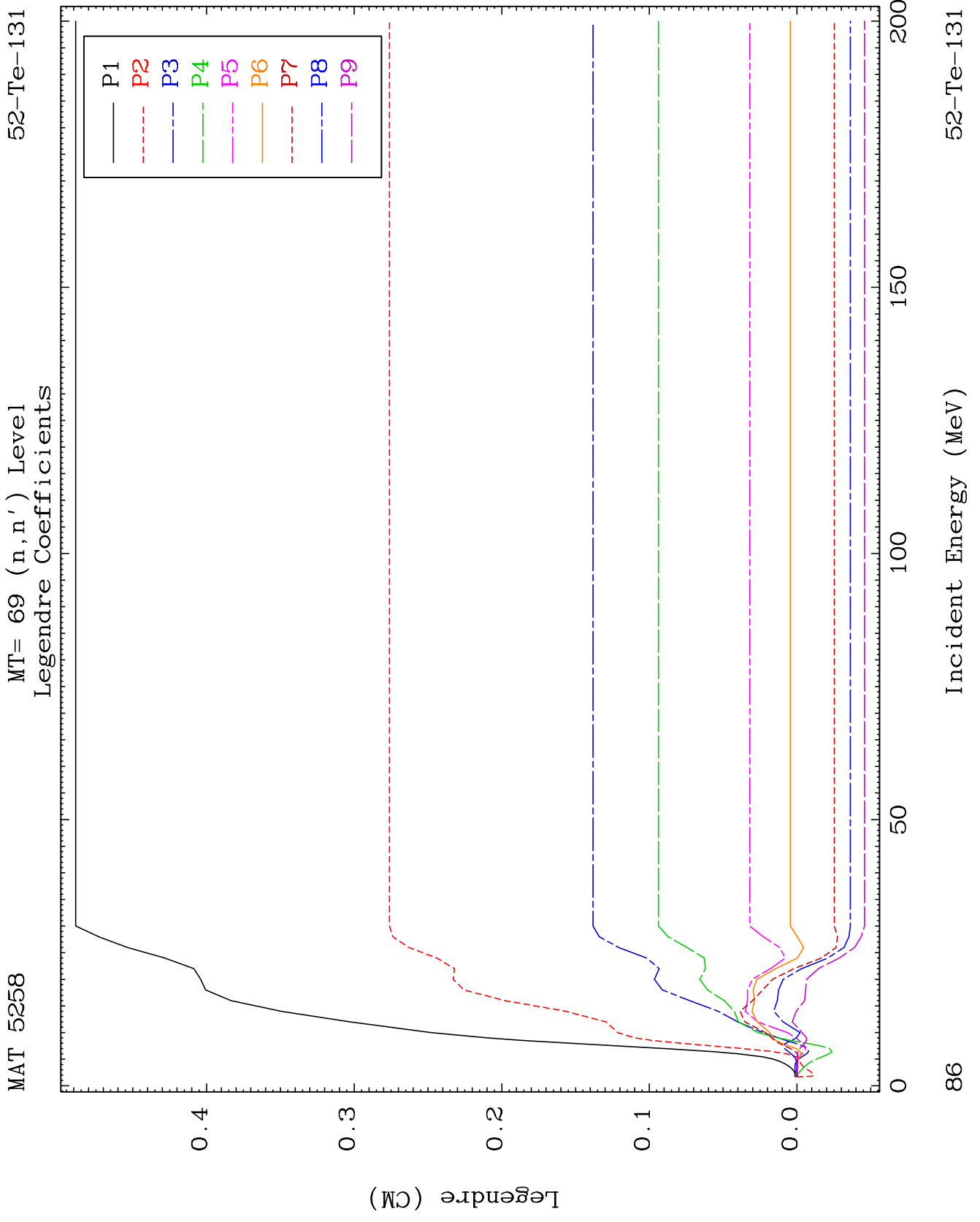


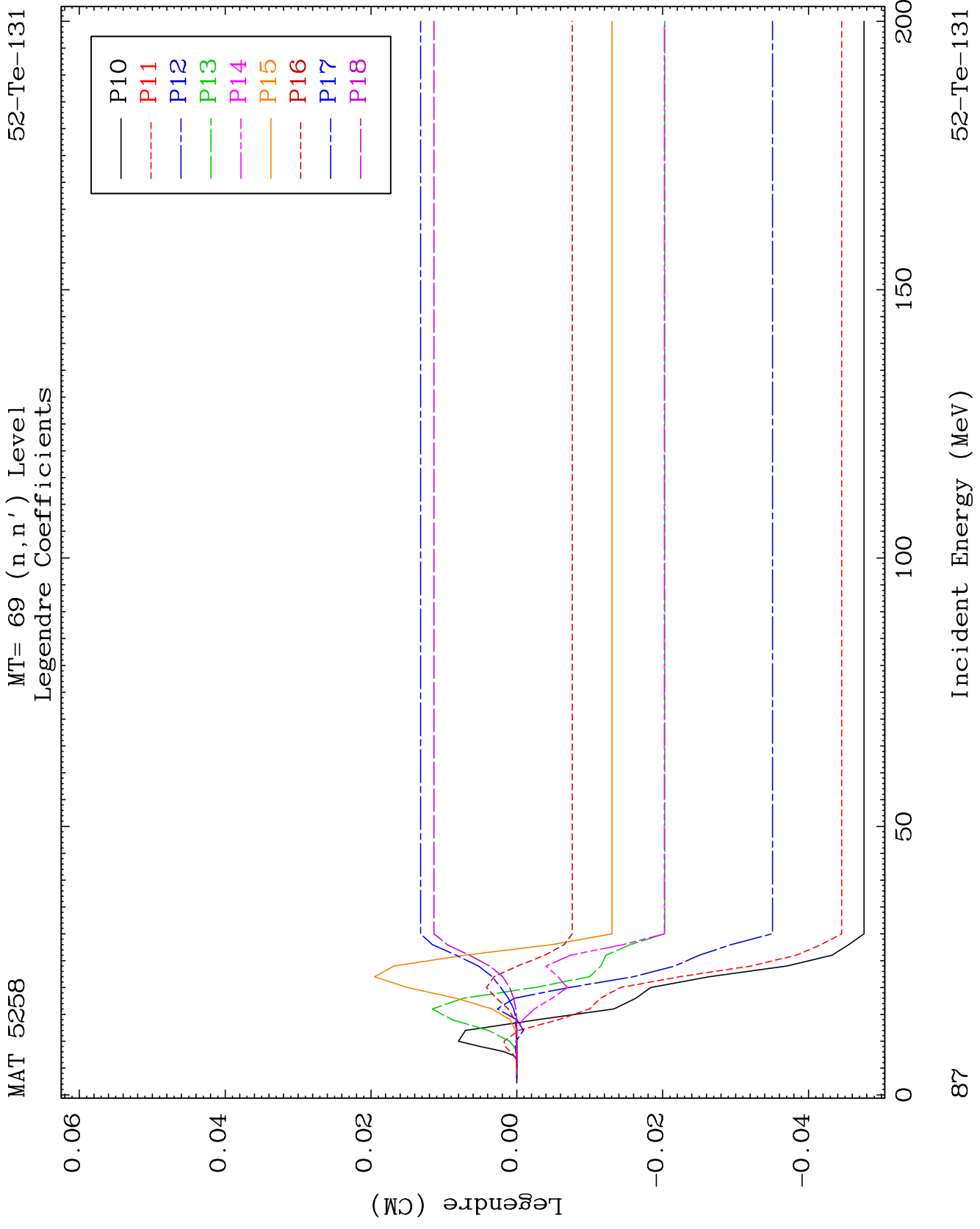
MAT 5258

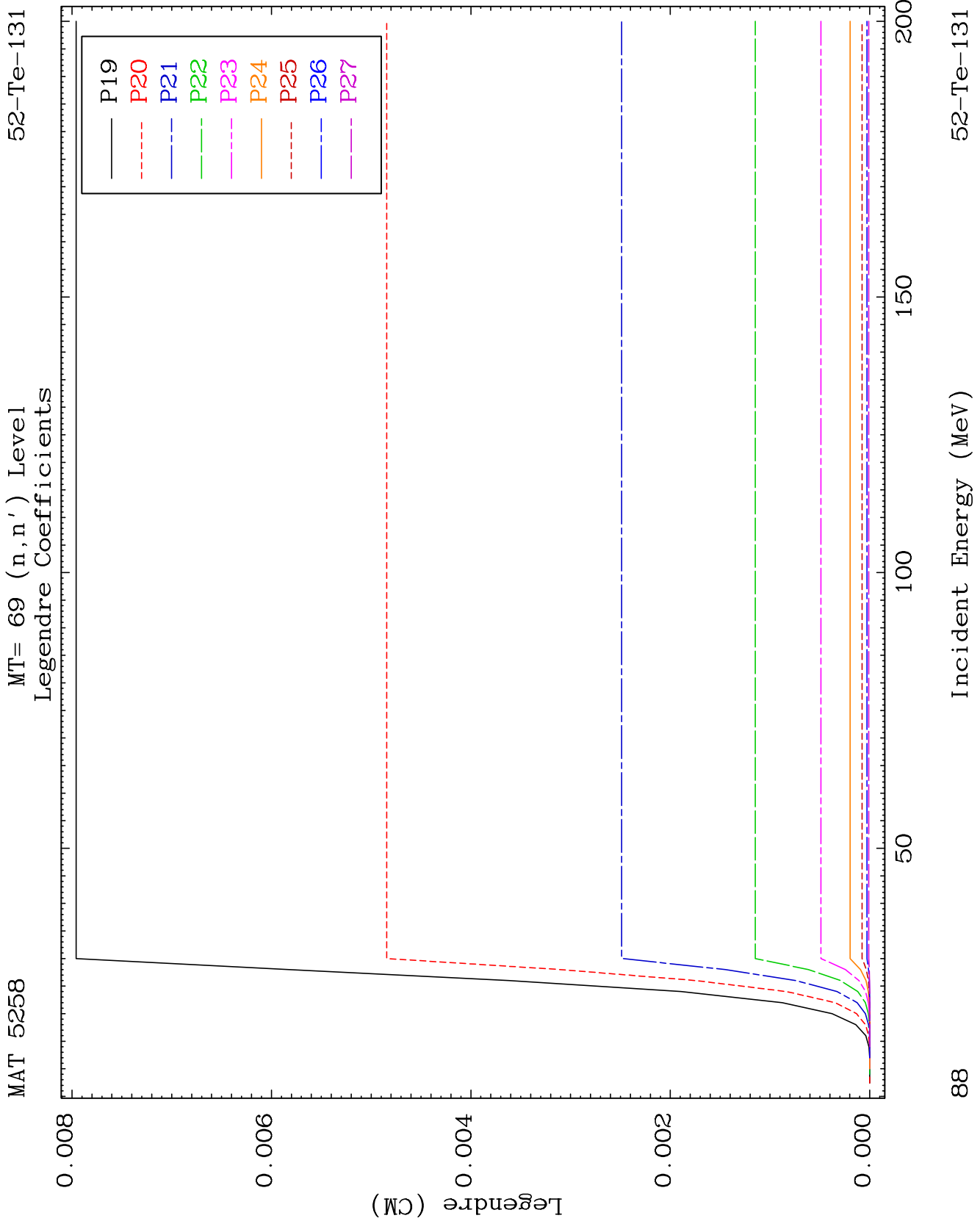
MT= 68 (n,n') Level  
Legendre Coefficients

52-Te-131





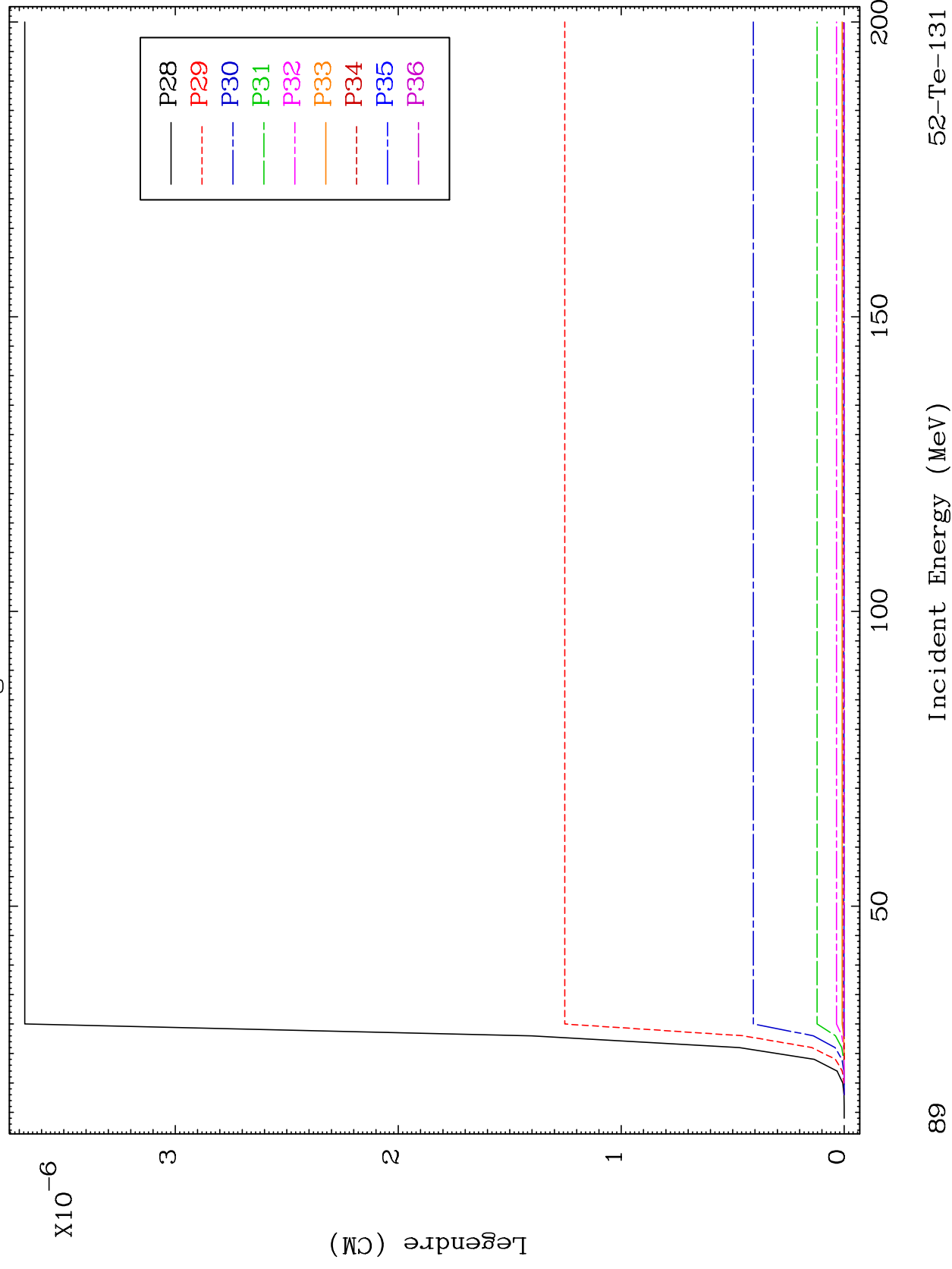




MAT 5258

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

52-Te-131



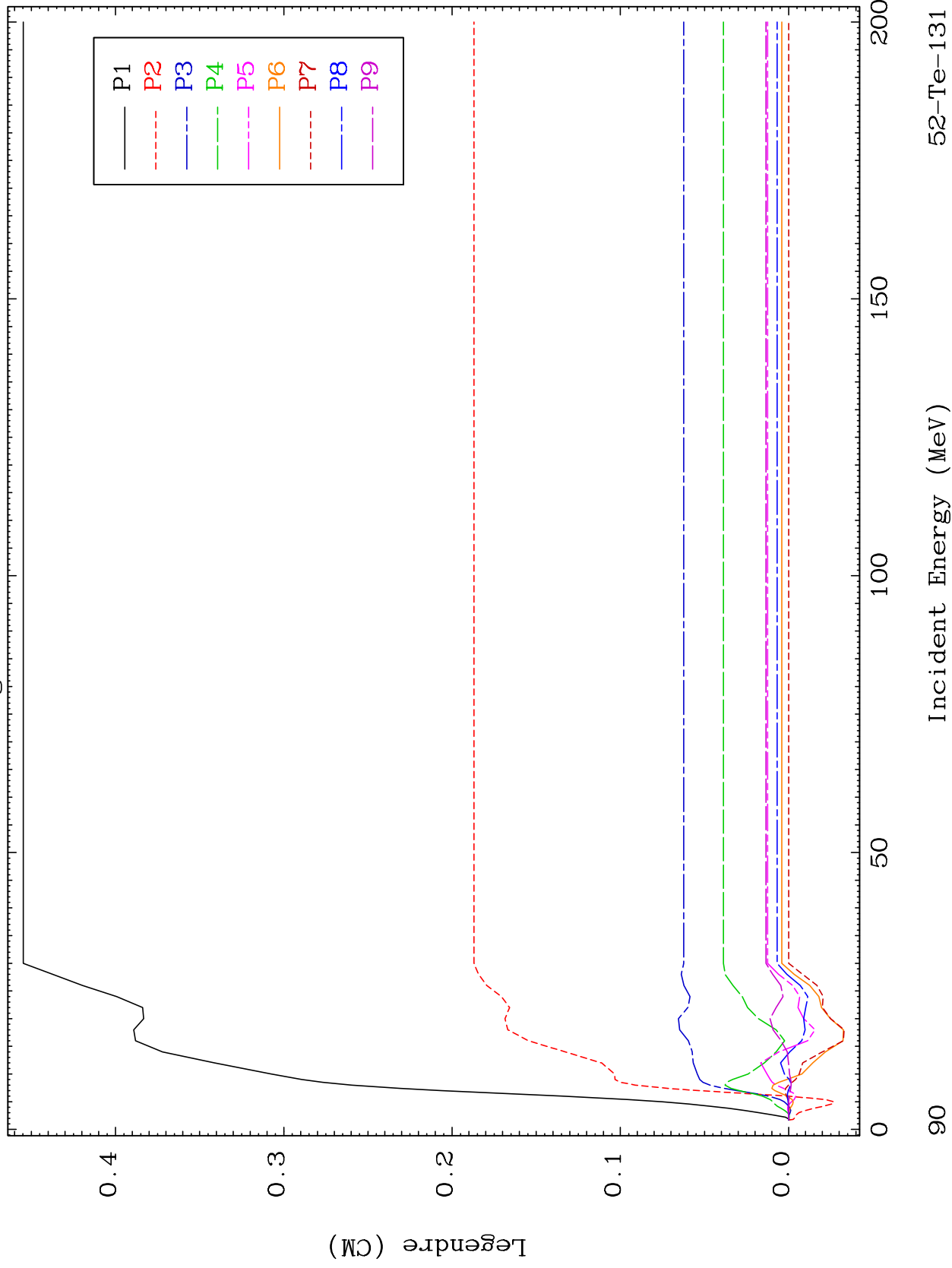
89

52-Te-131

MAT 5258

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

52-Te-131



52-Te-131

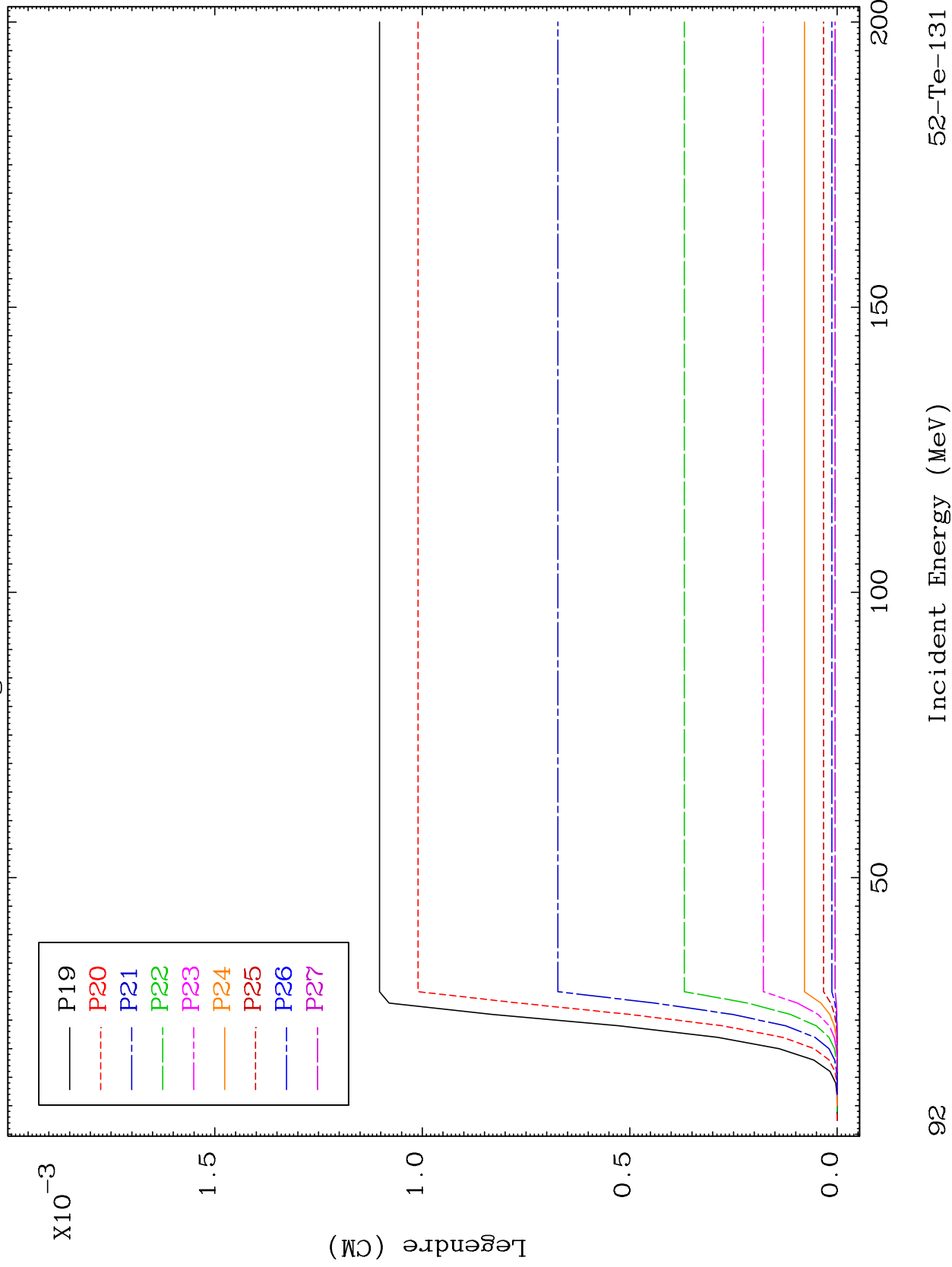
Incident Energy (MeV)



MAT 5258

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

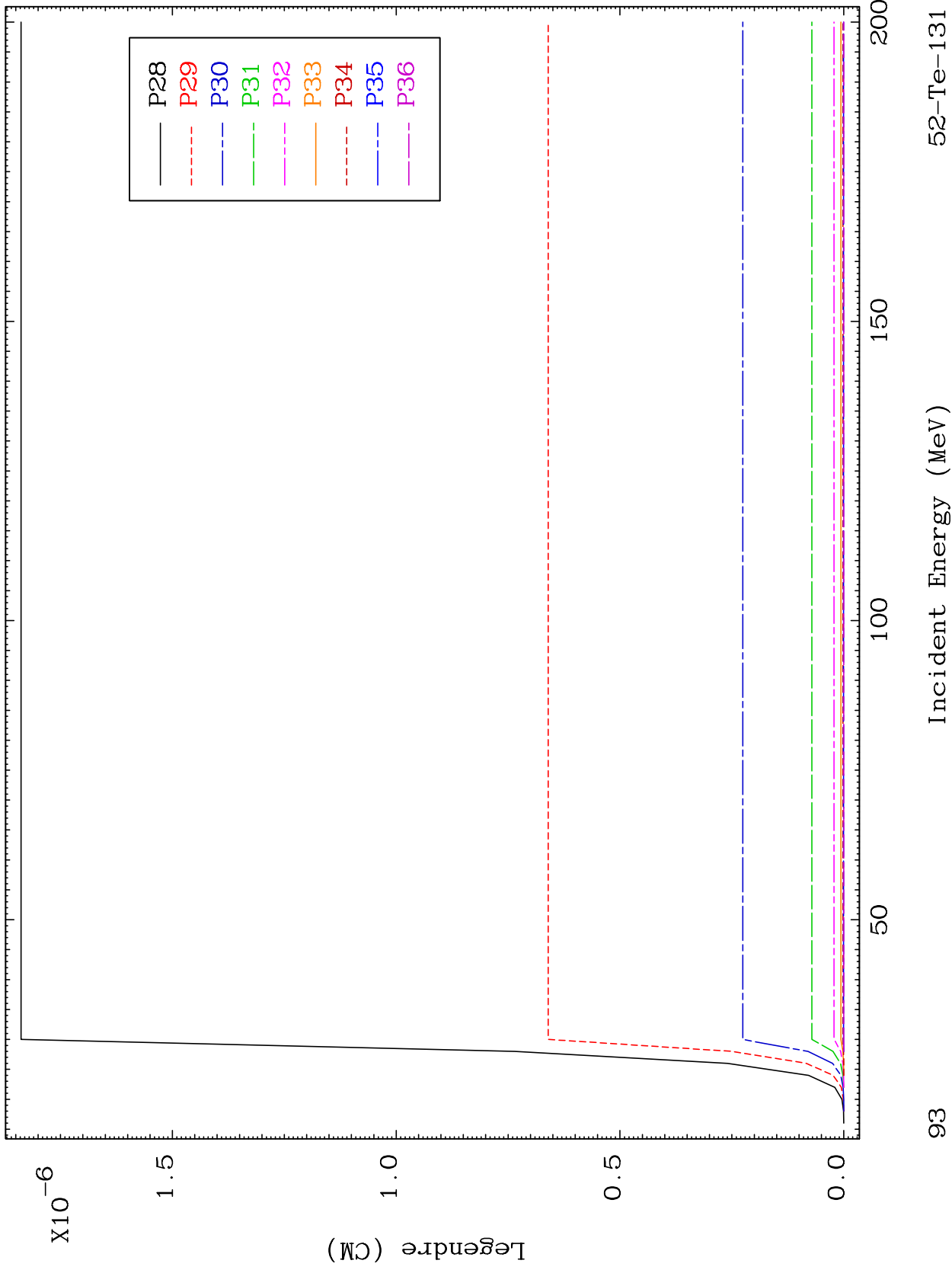
52-Te-131

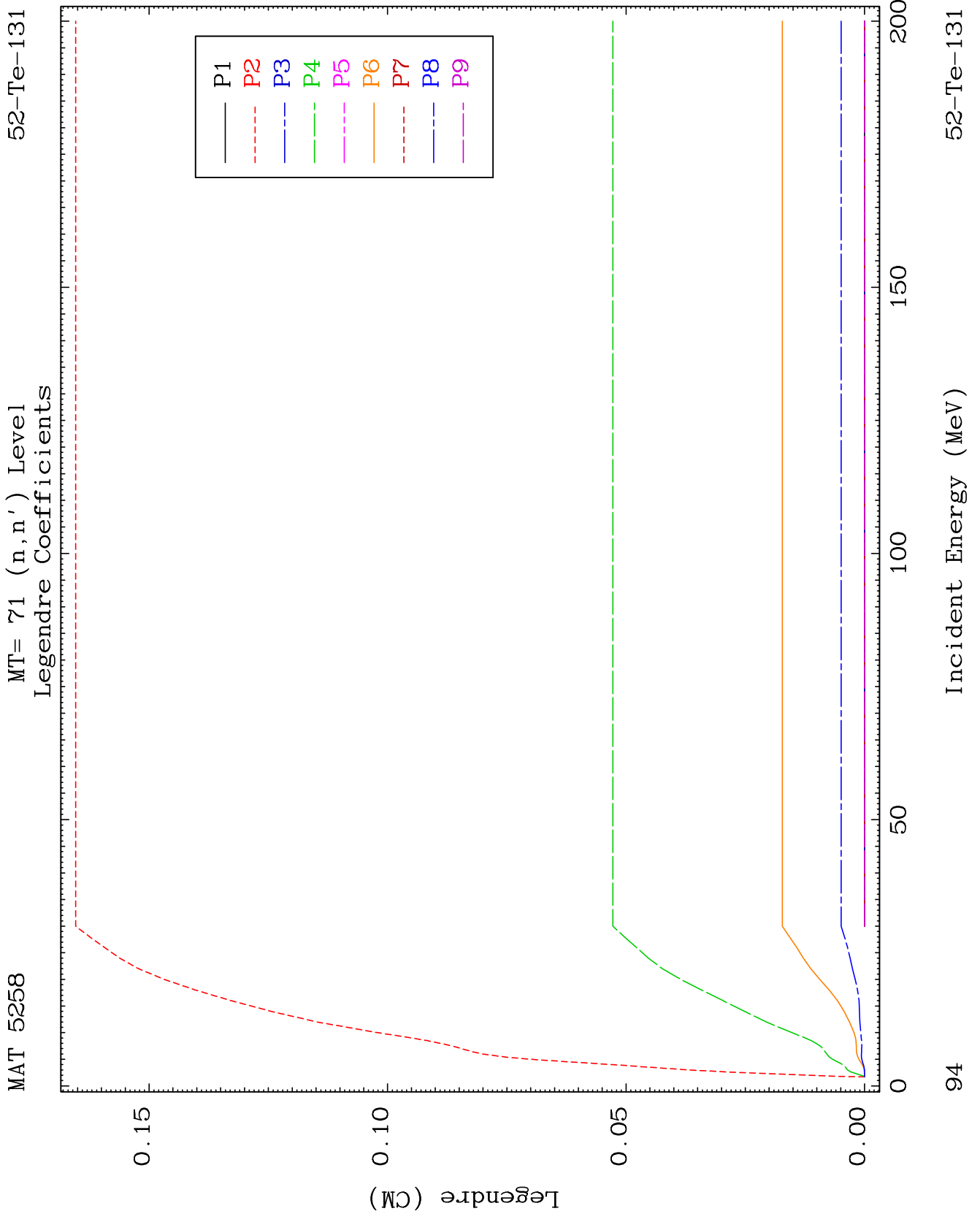


MAT 5258

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

52-Te-131

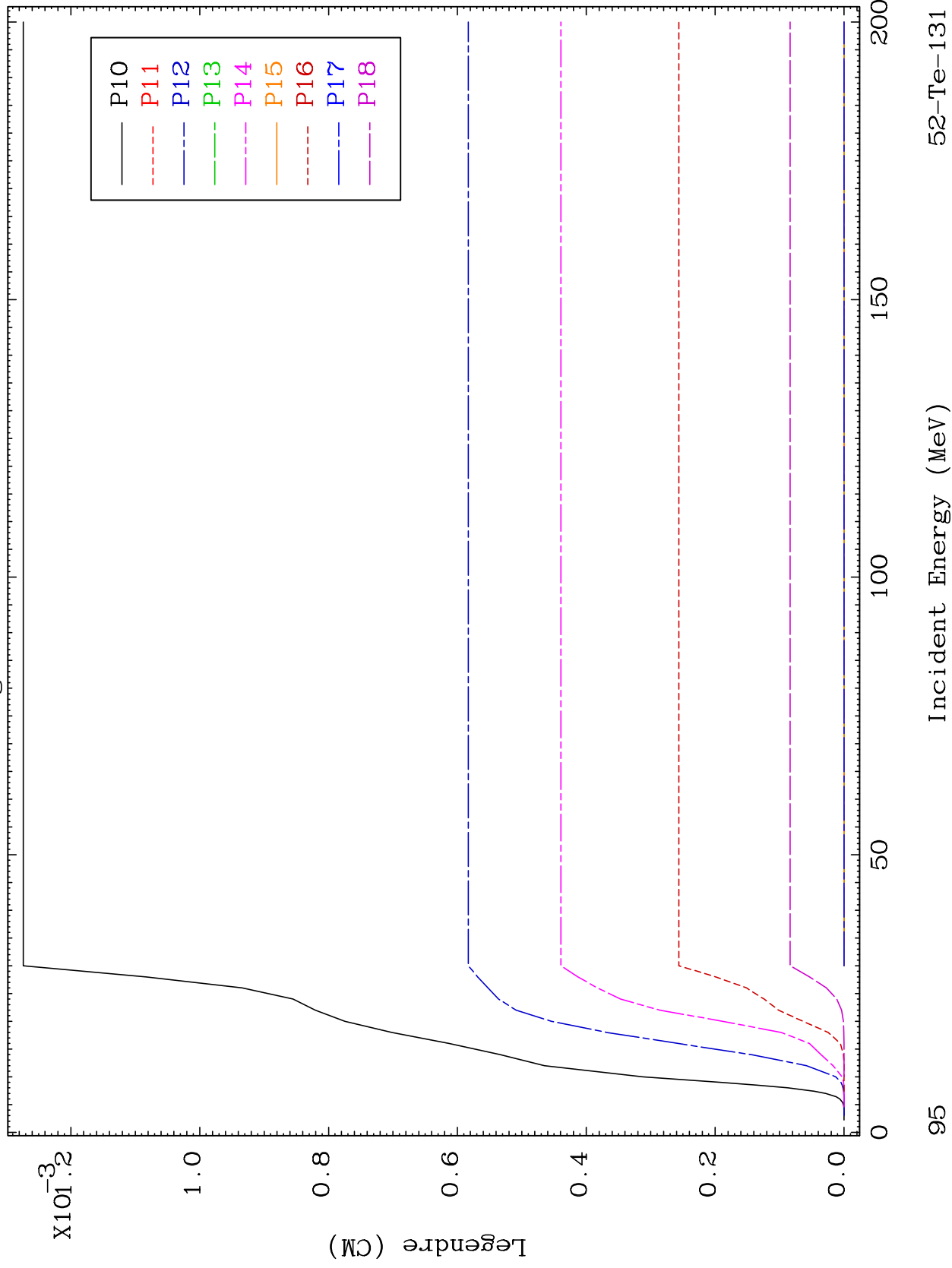




MAT 5258

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

52-Te-131

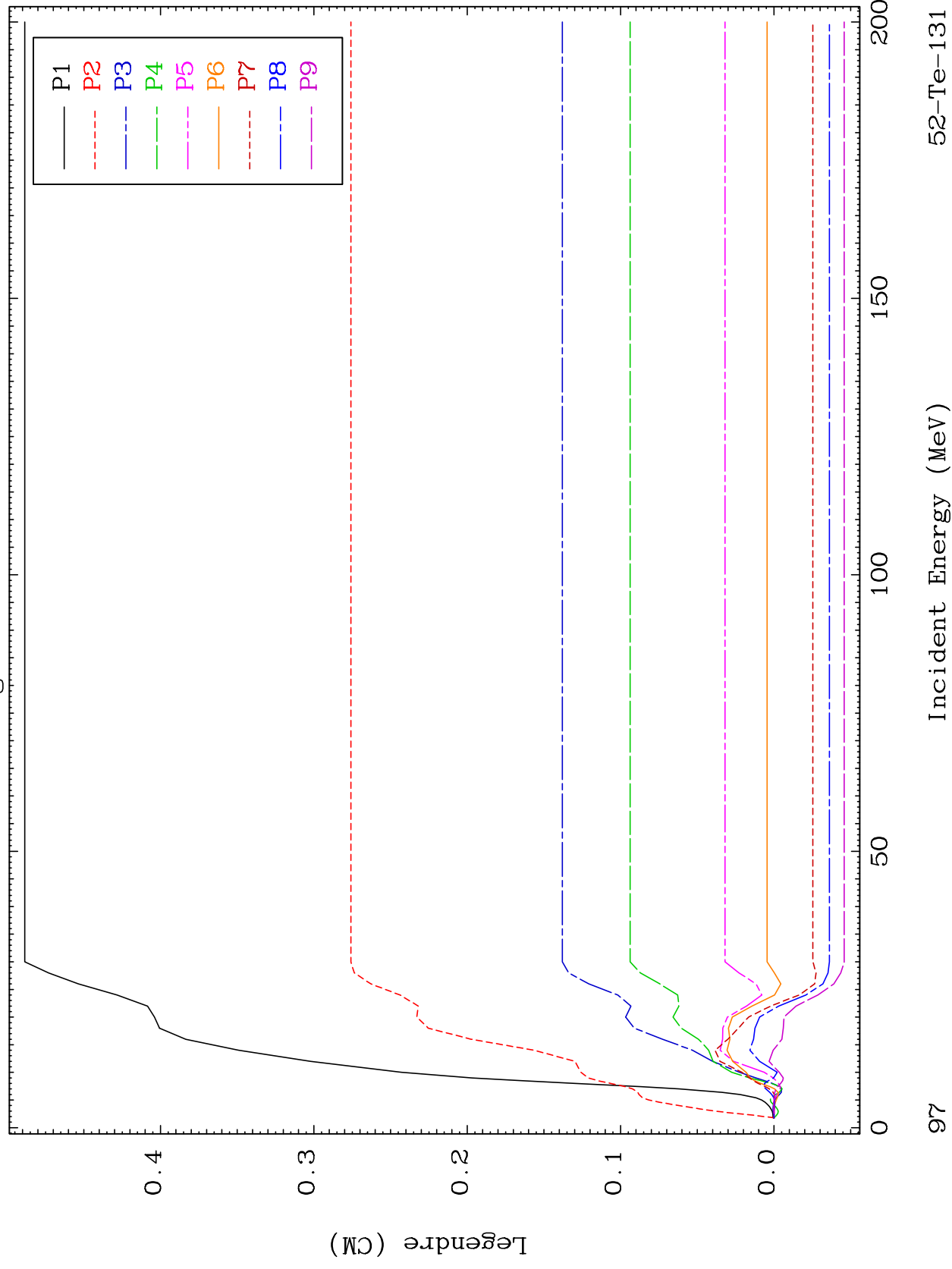




MAT 5258

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

52-Te-131



97

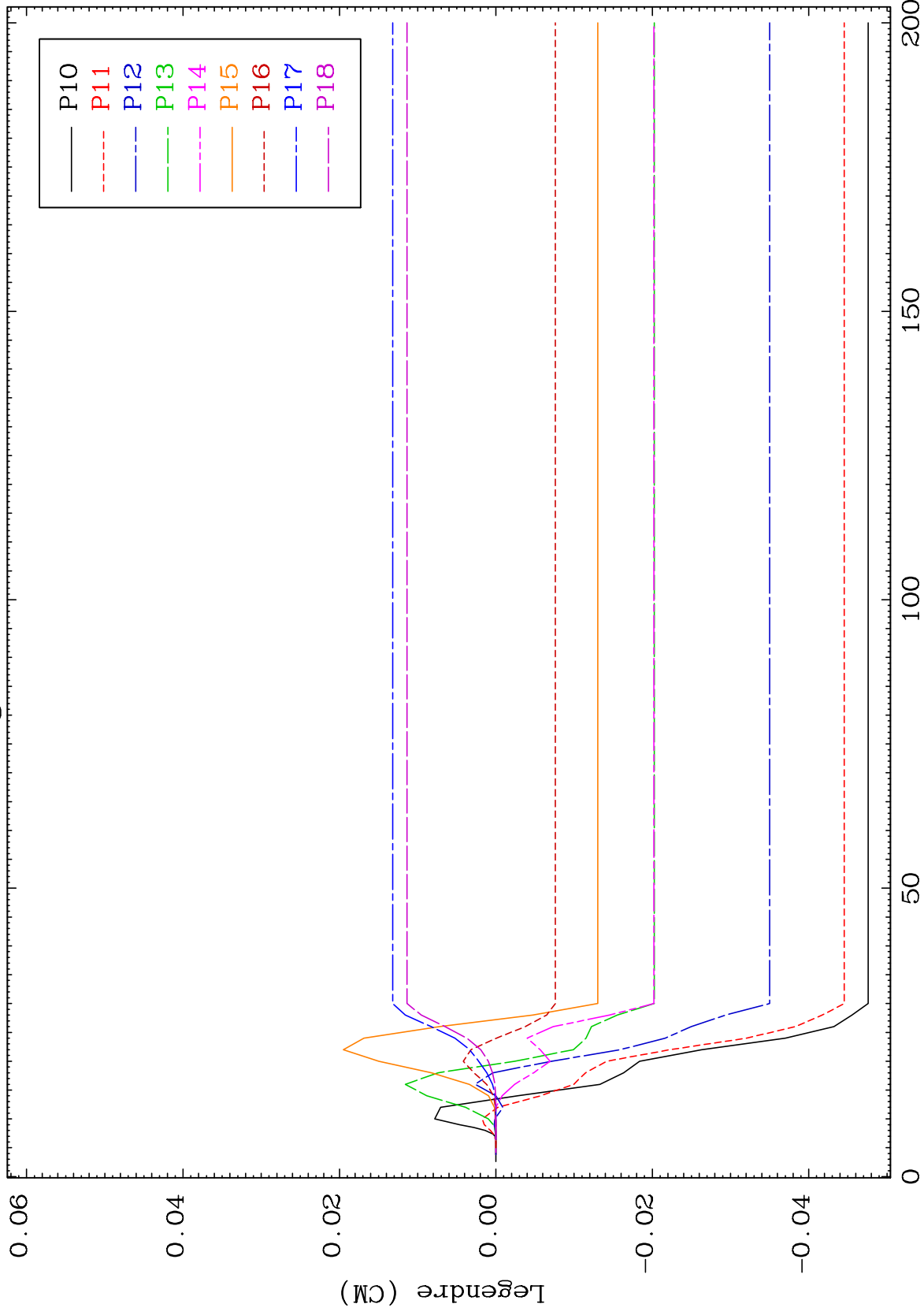
Incident Energy (MeV)

52-Te-131

MAT 5258

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

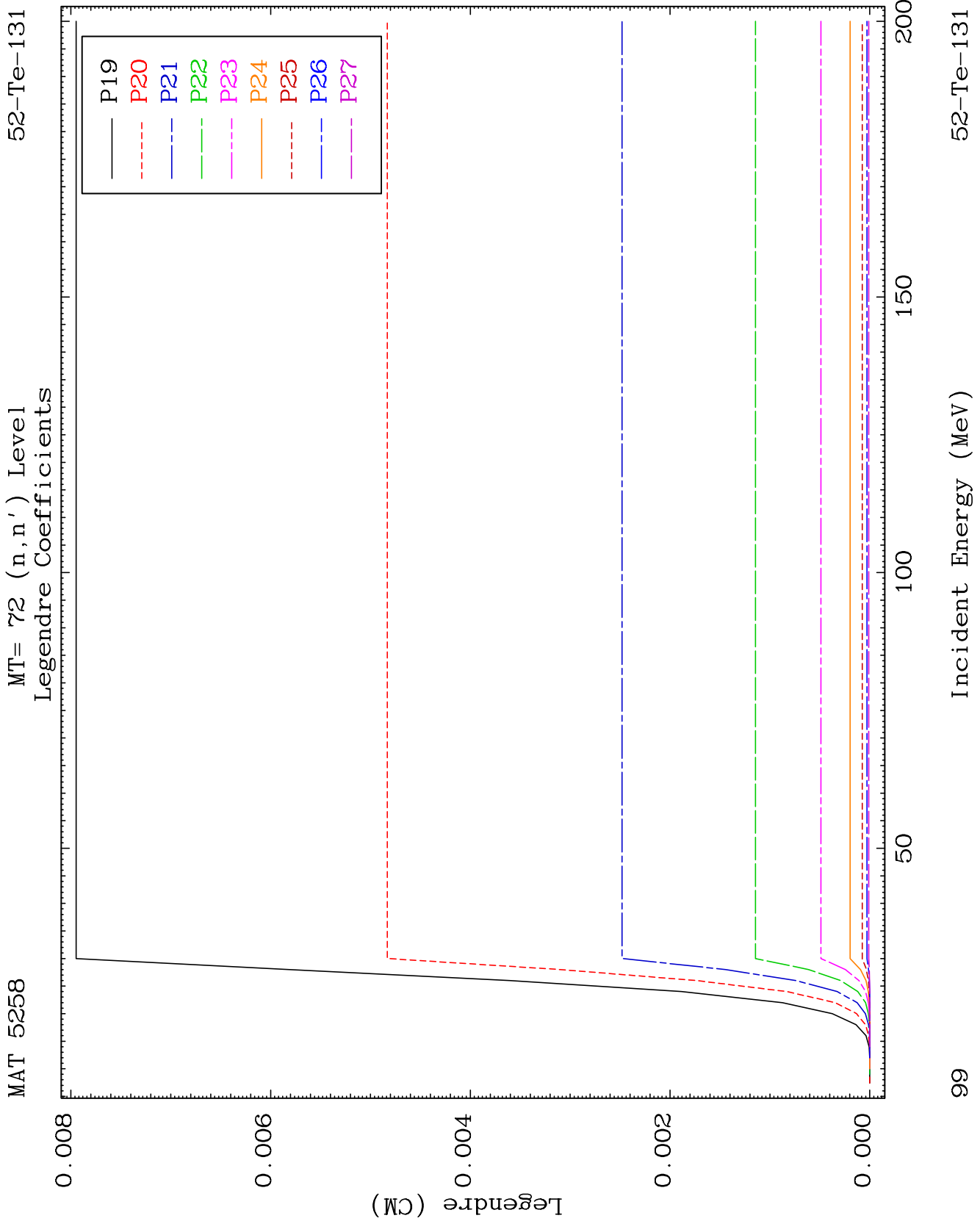
52-Te-131



98

Incident Energy (MeV)

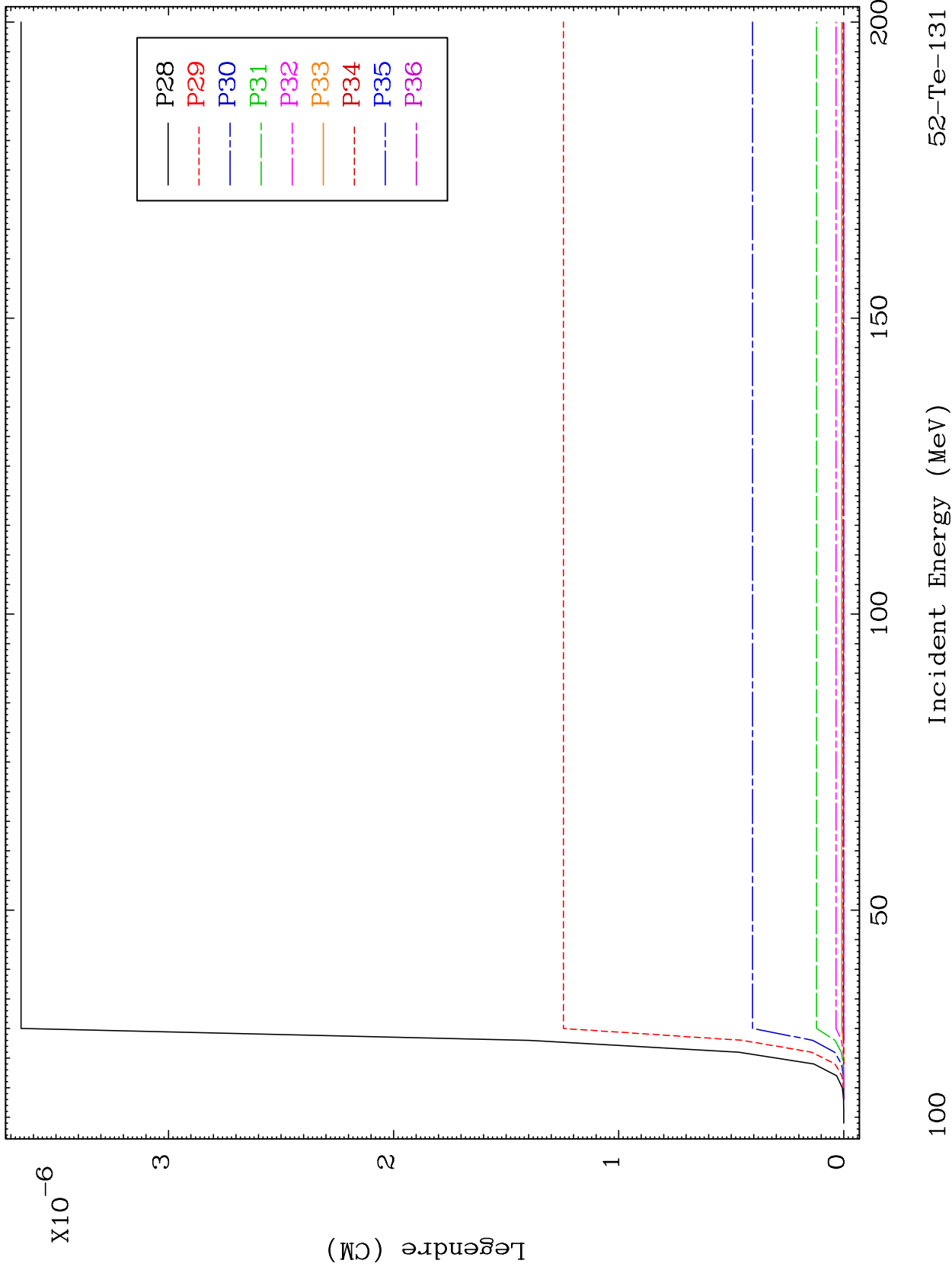
52-Te-131



MAT 5258

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

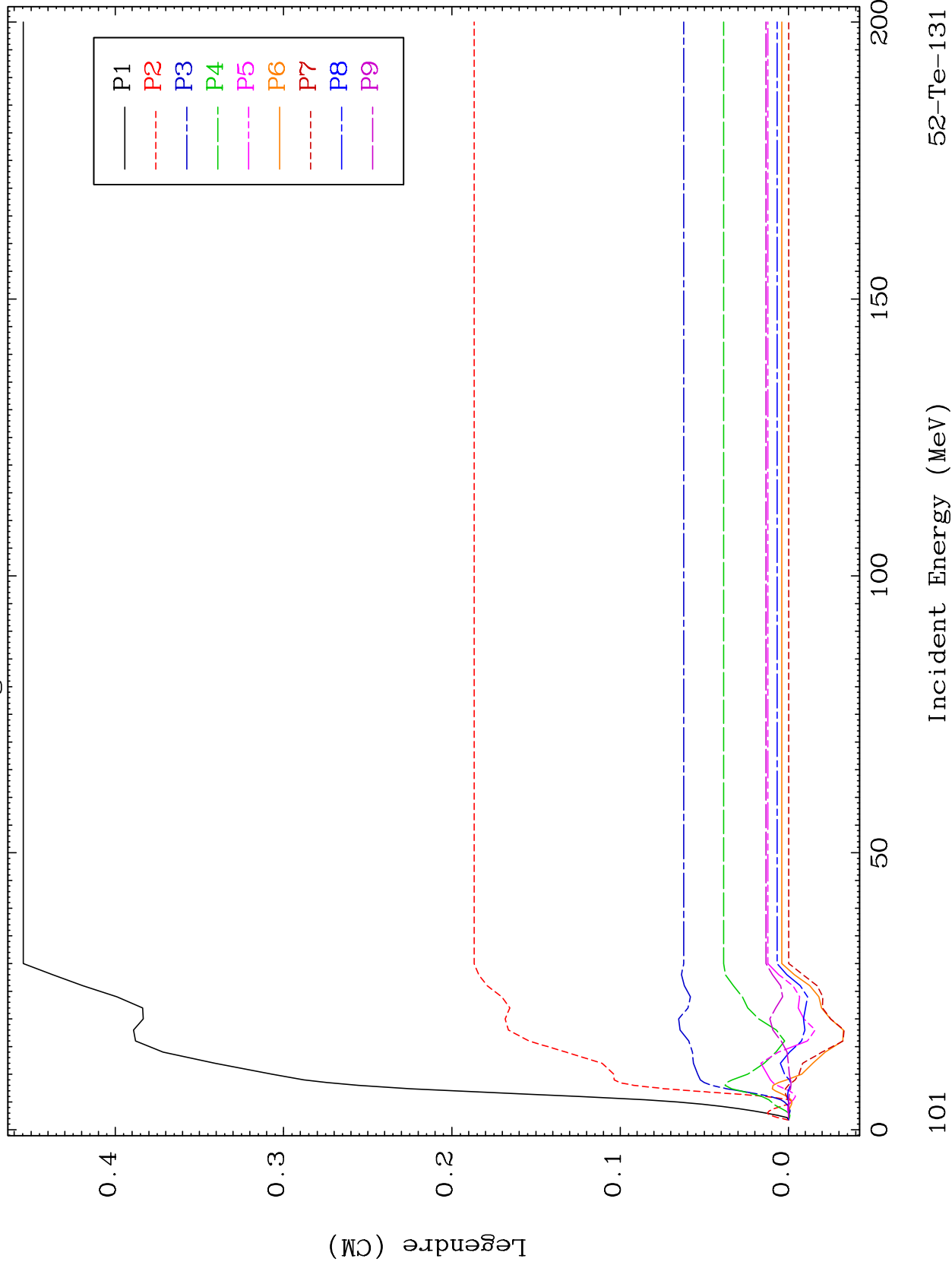
52-Te-131



MAT 5258

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

52-Te-131



52-Te-131

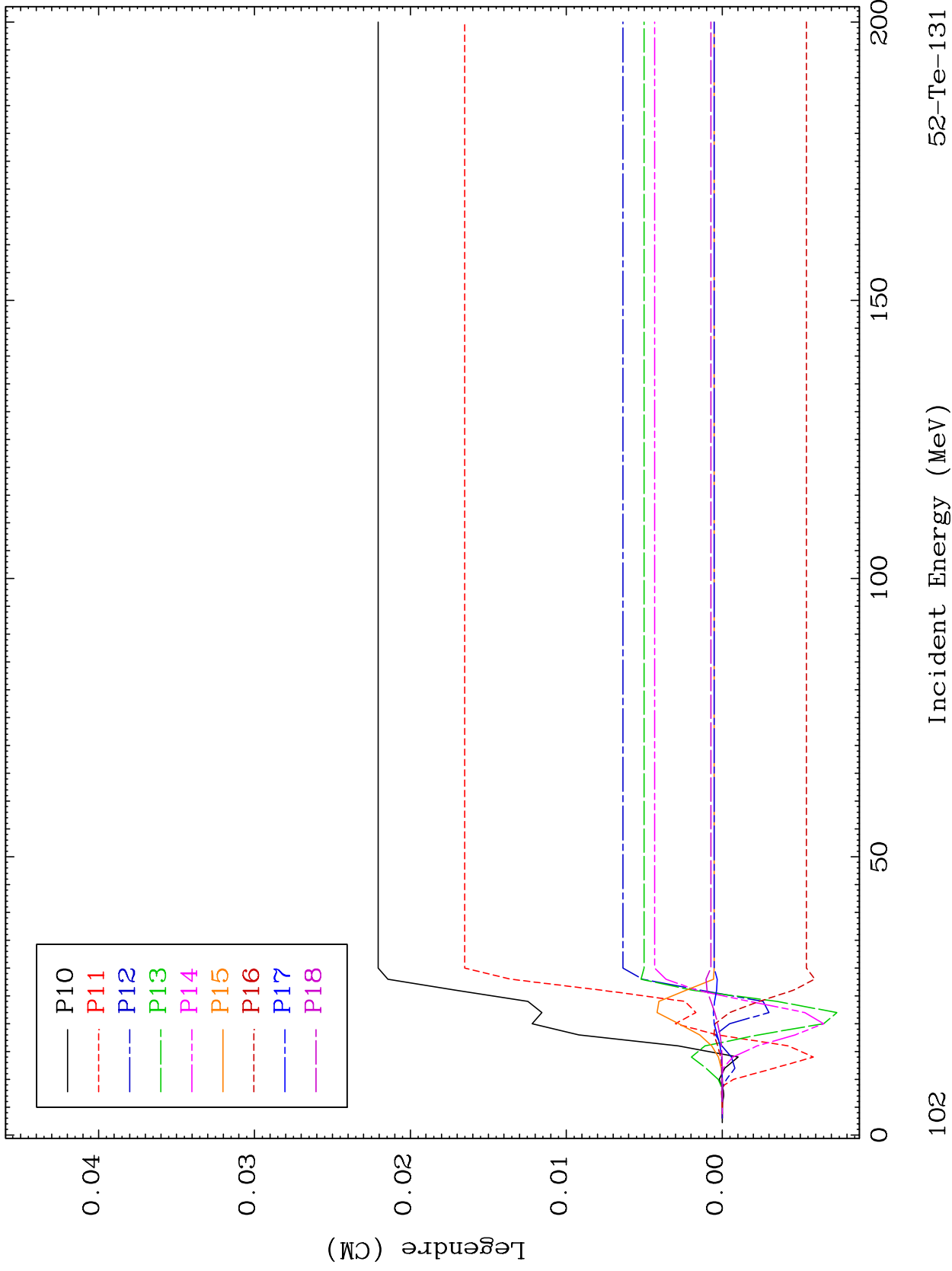
Incident Energy (MeV)

101

MAT 5258

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

52-Te-131



102

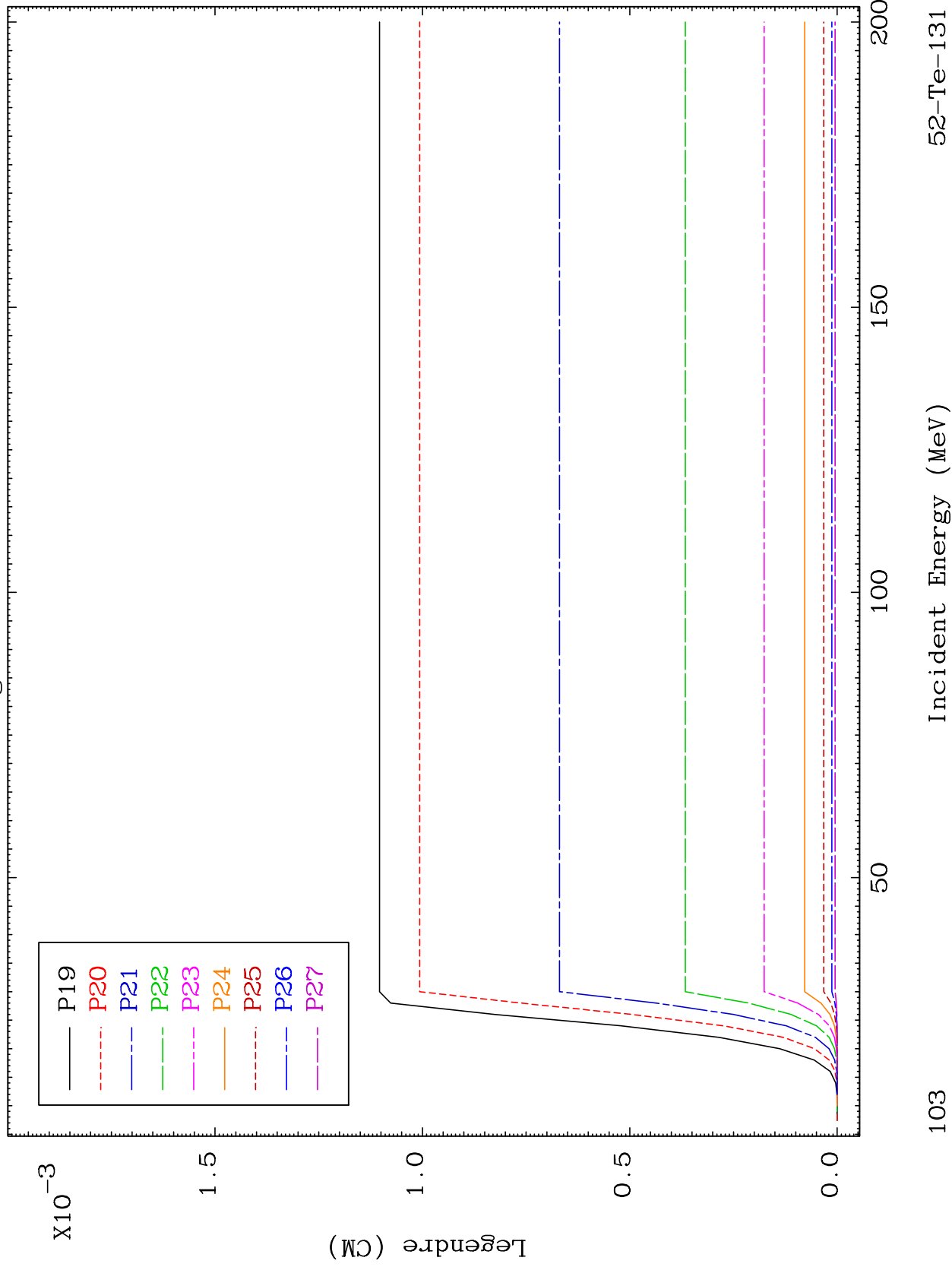
Incident Energy (MeV)

52-Te-131

MAT 5258

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

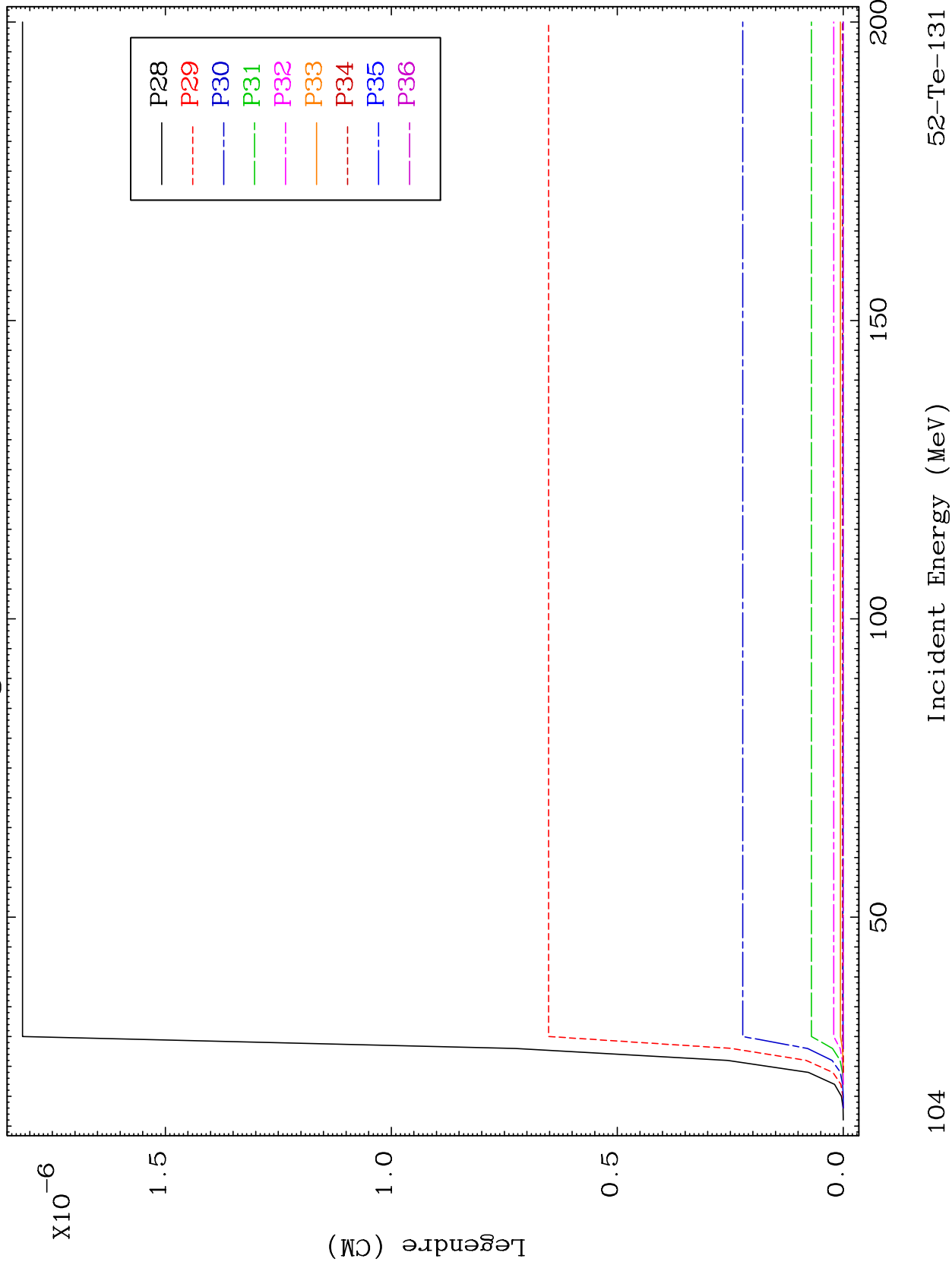
52-Te-131



MAT 5258

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

52-Te-131



104

Incident Energy (MeV)

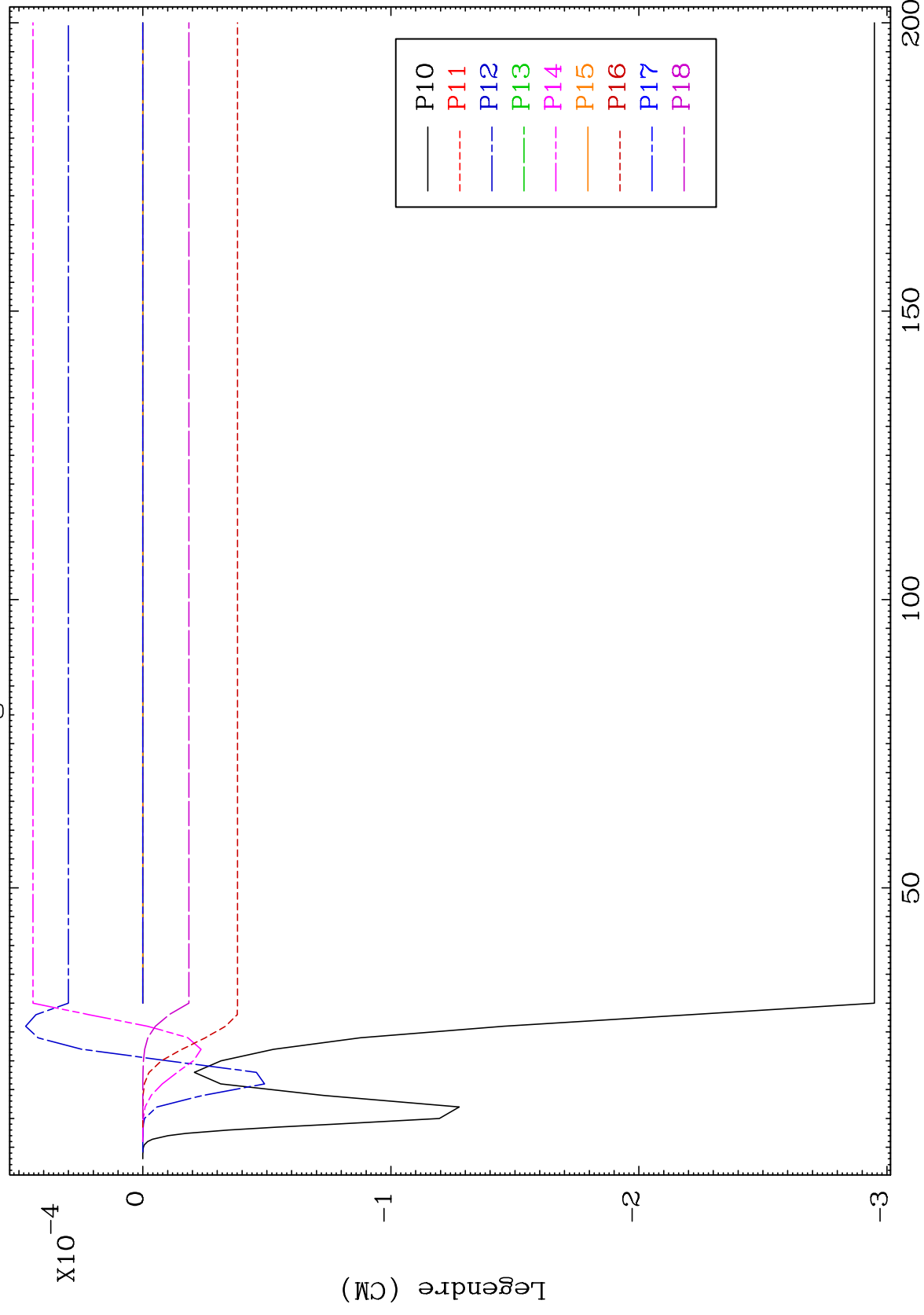
52-Te-131



MAT 5258

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

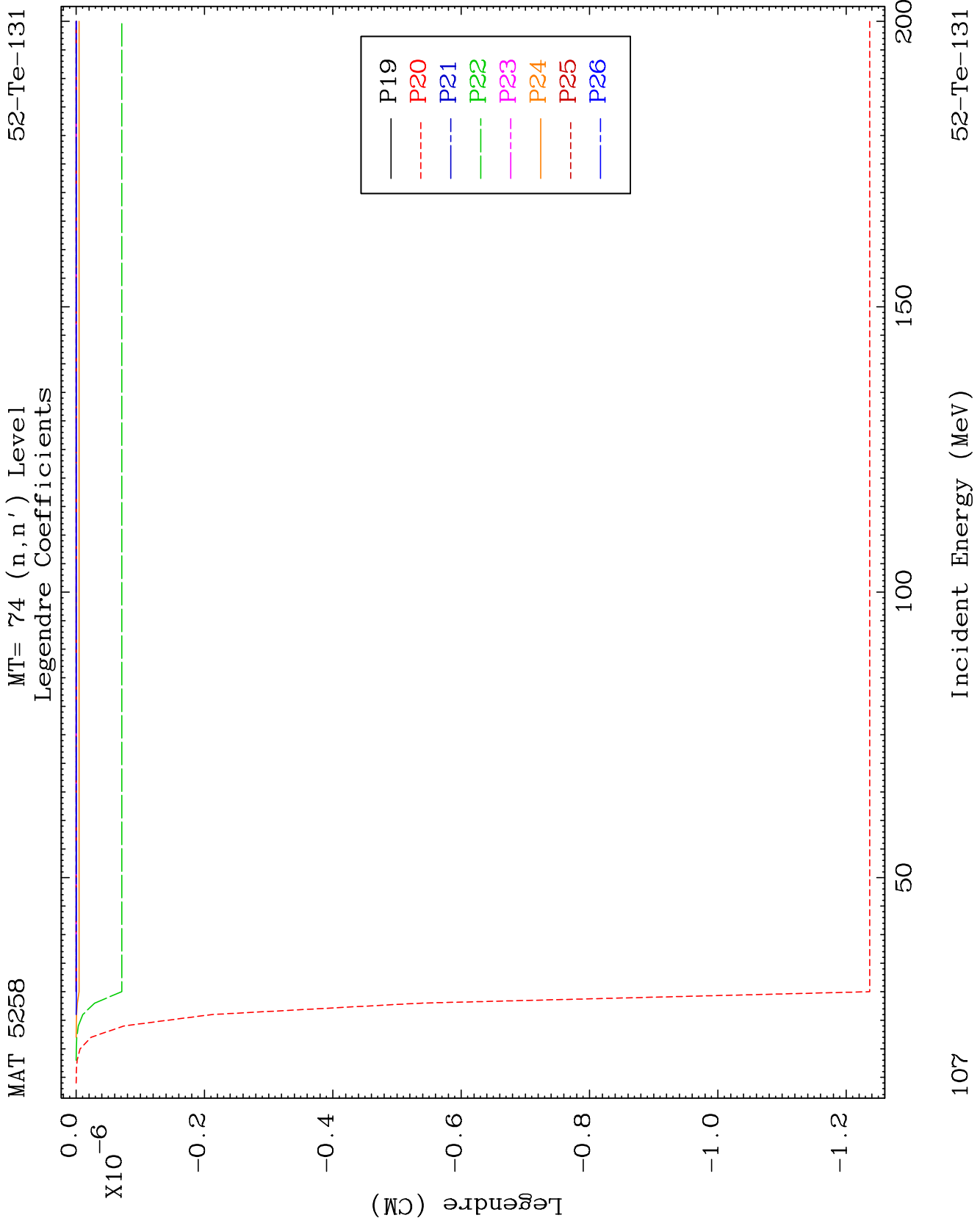
52-Te-131



106

Incident Energy (MeV)

52-Te-131

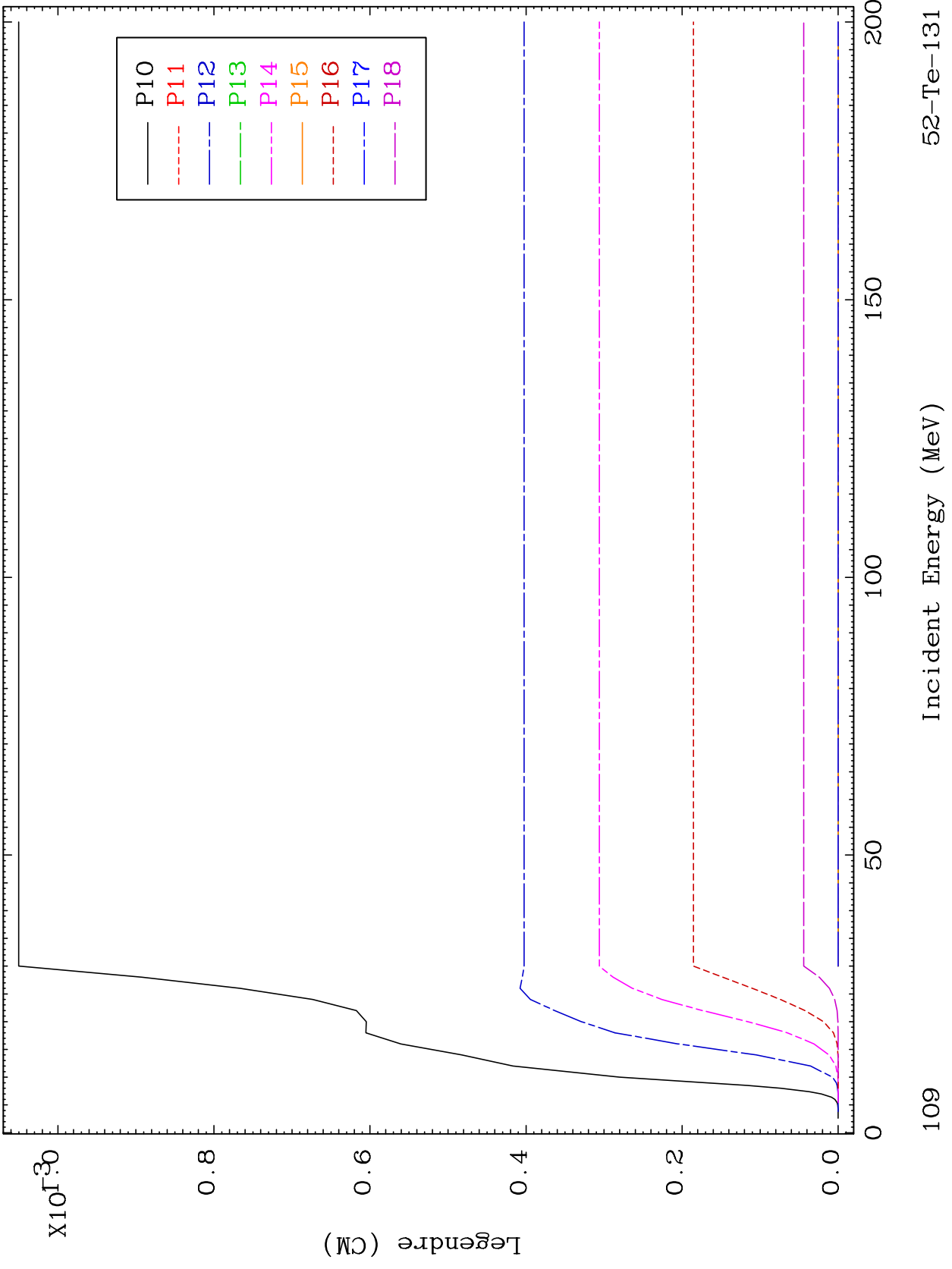




MAT 5258

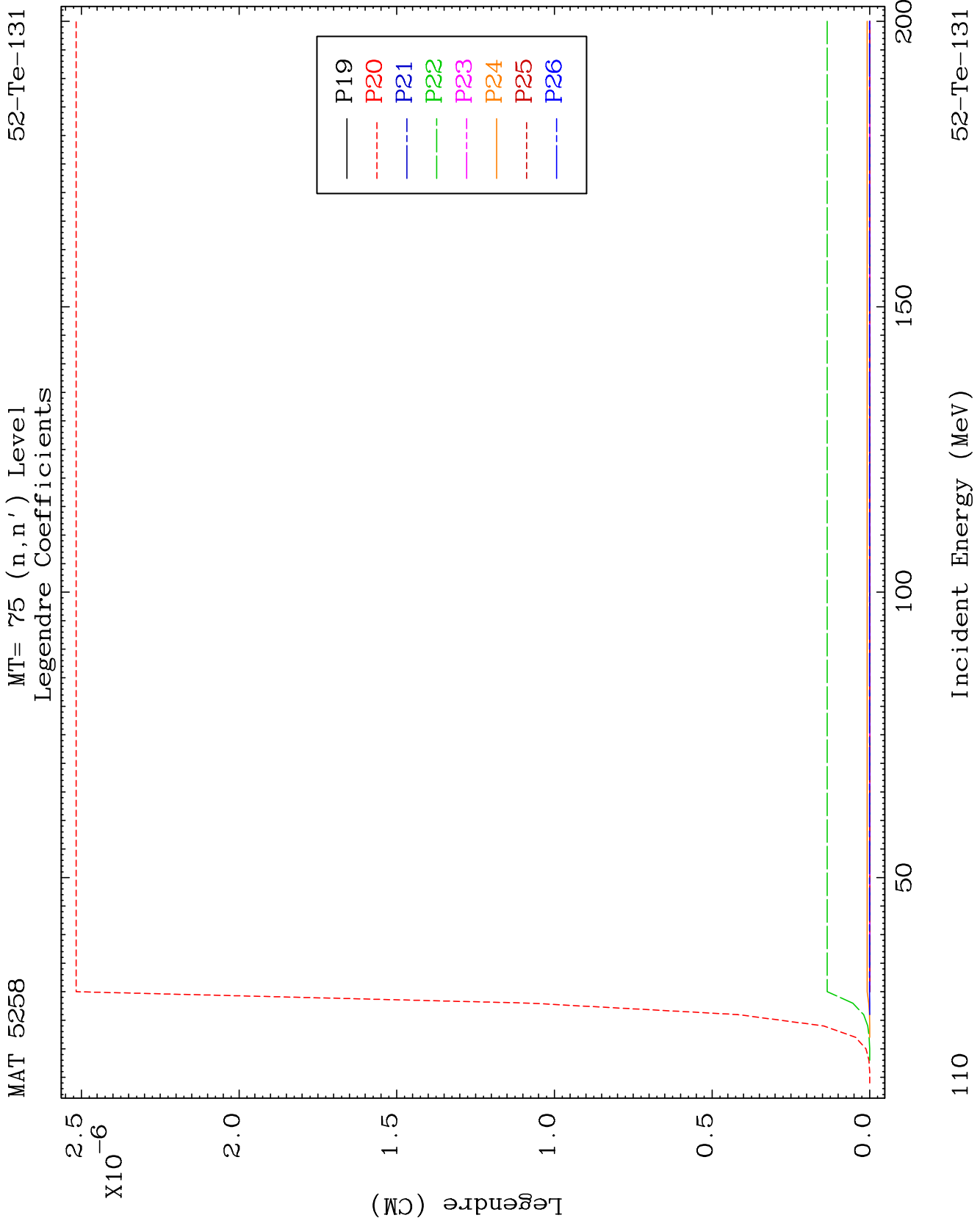
MT= 75 (n,n') Level  
Legendre Coefficients

52-Te-131



109

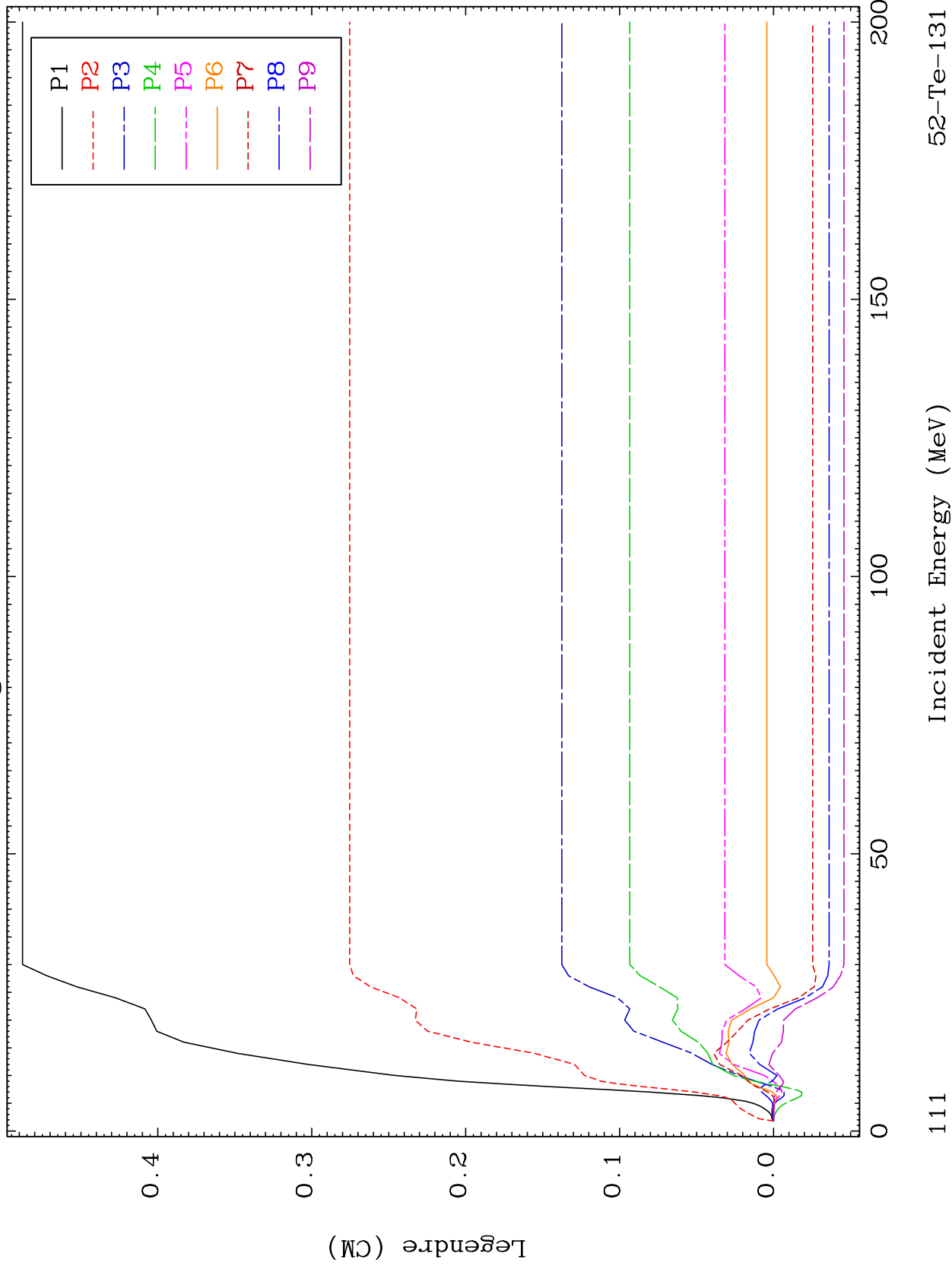
52-Te-131



MAT 5258

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

52-Te-131



111

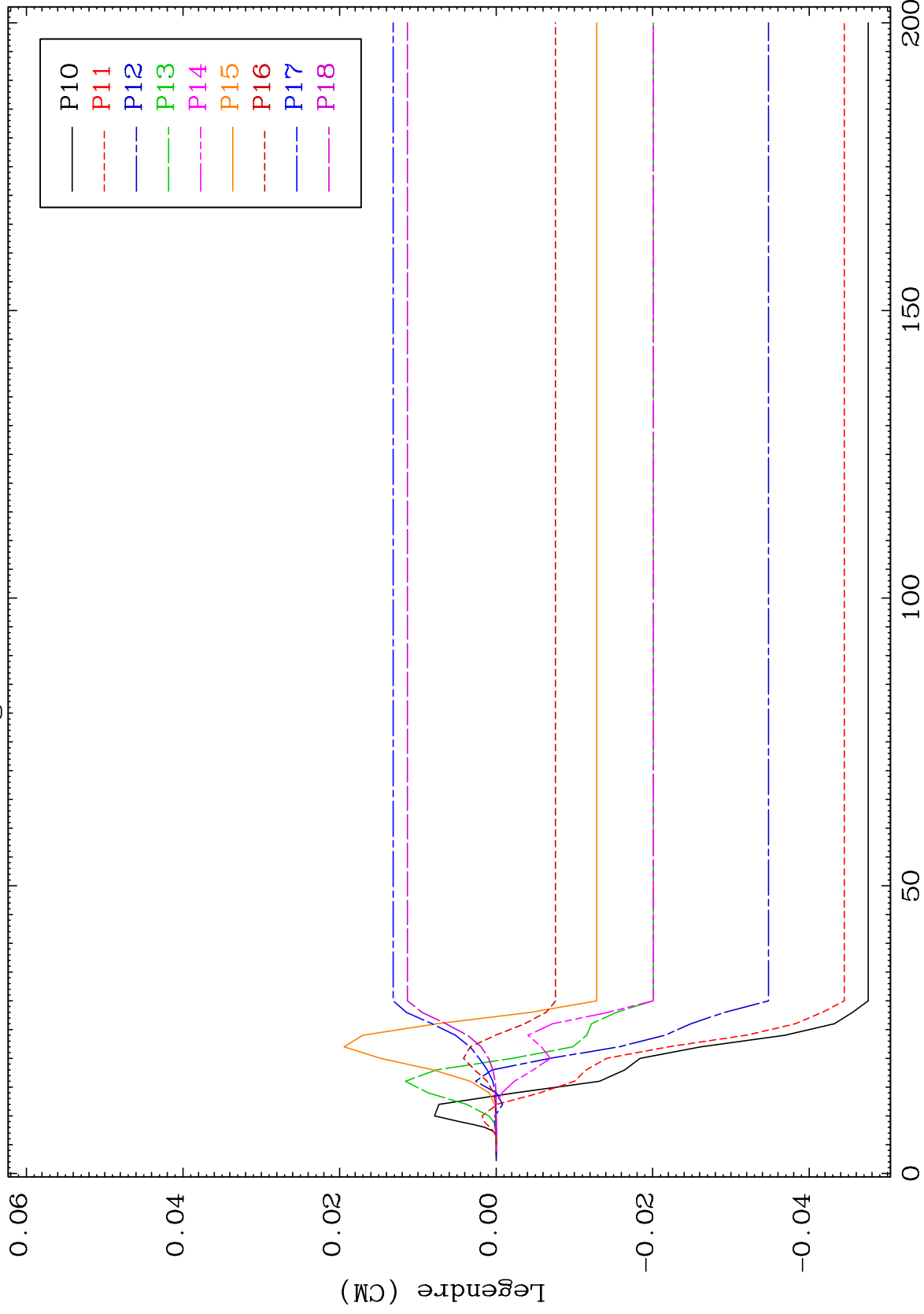
Incident Energy (MeV)

52-Te-131

MAT 5258

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

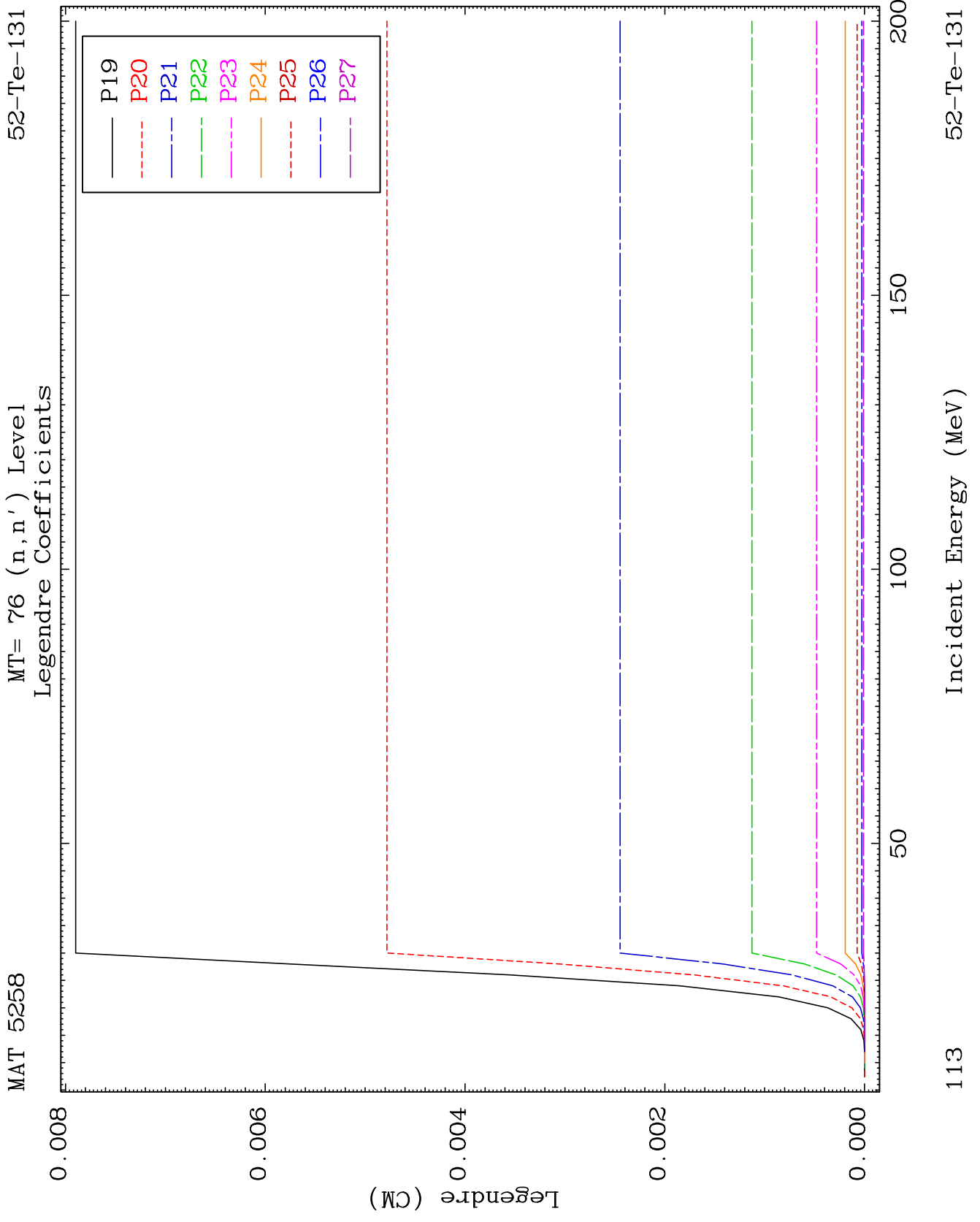
52-Te-131



112

Incident Energy (MeV)

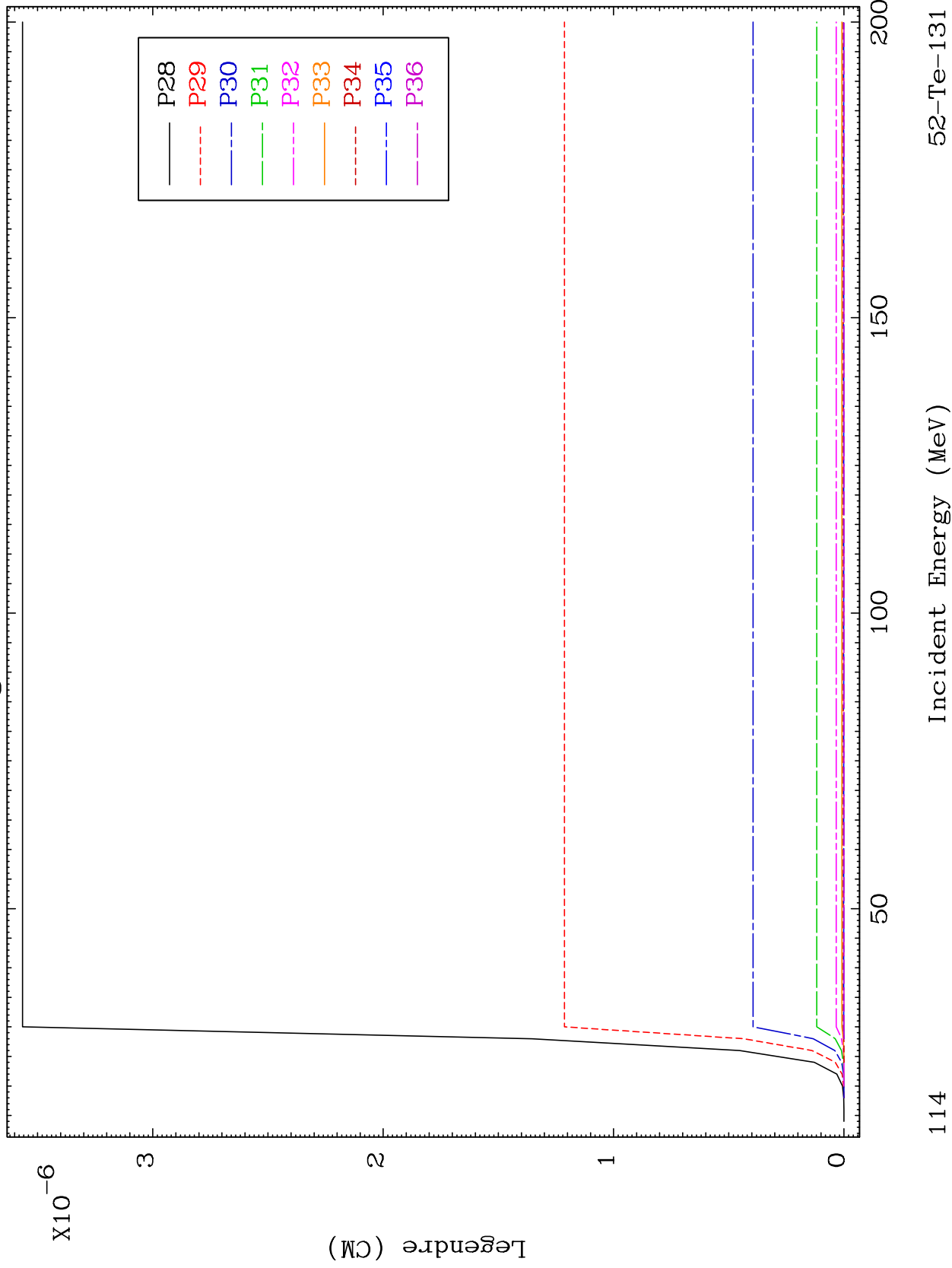
52-Te-131



MAT 5258

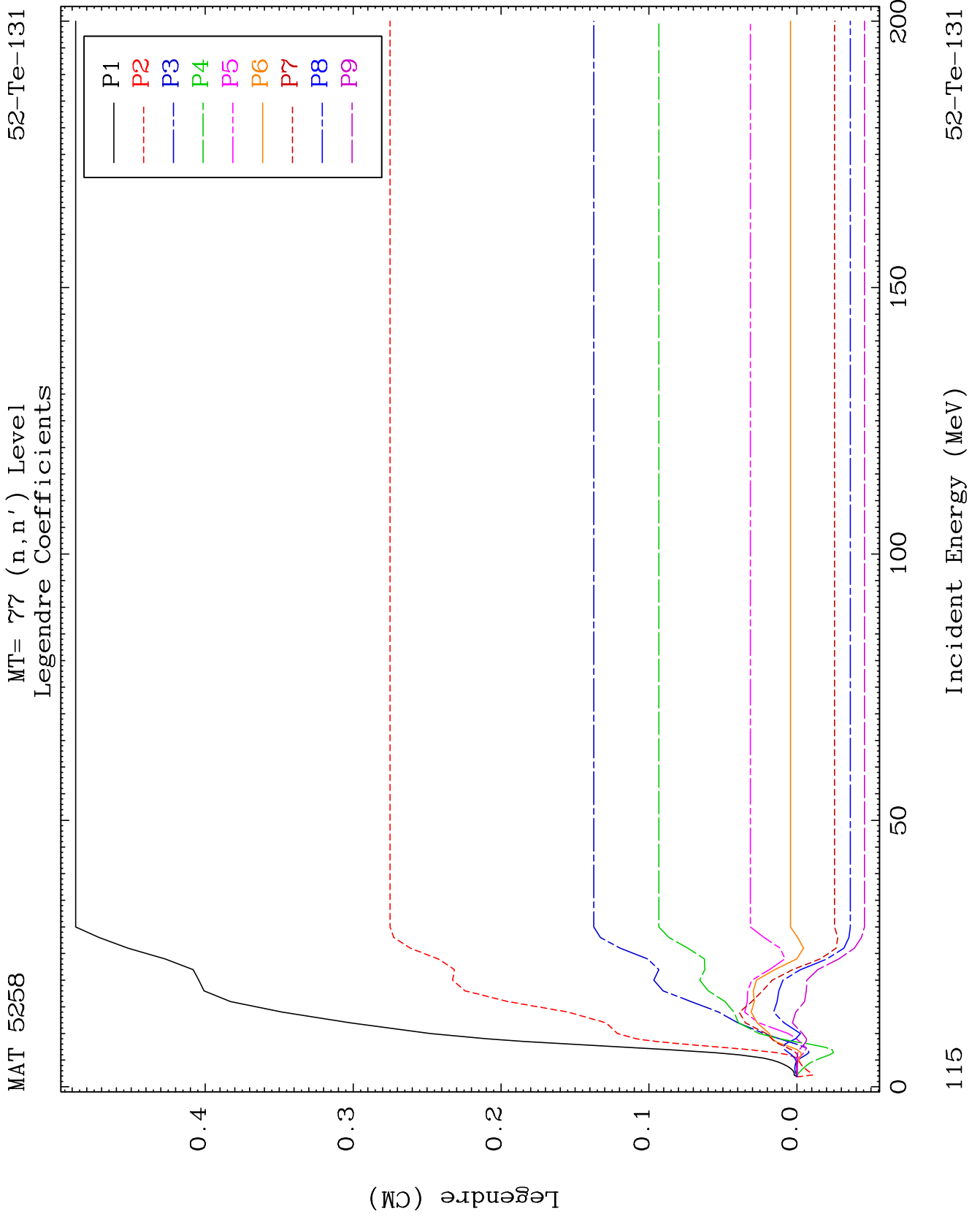
MT= 76 (n,n') Level  
Legendre Coefficients

52-Te-131

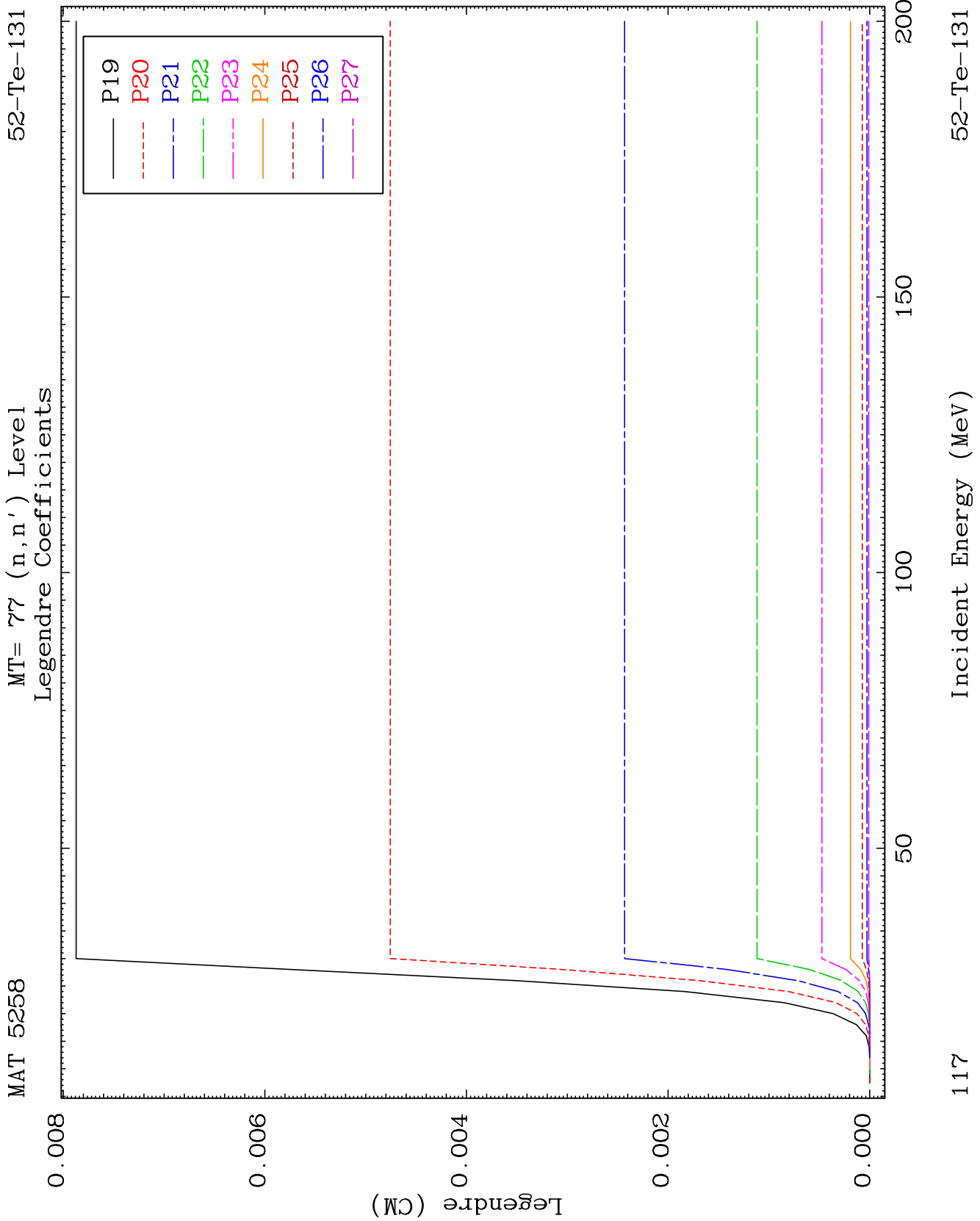


114

52-Te-131



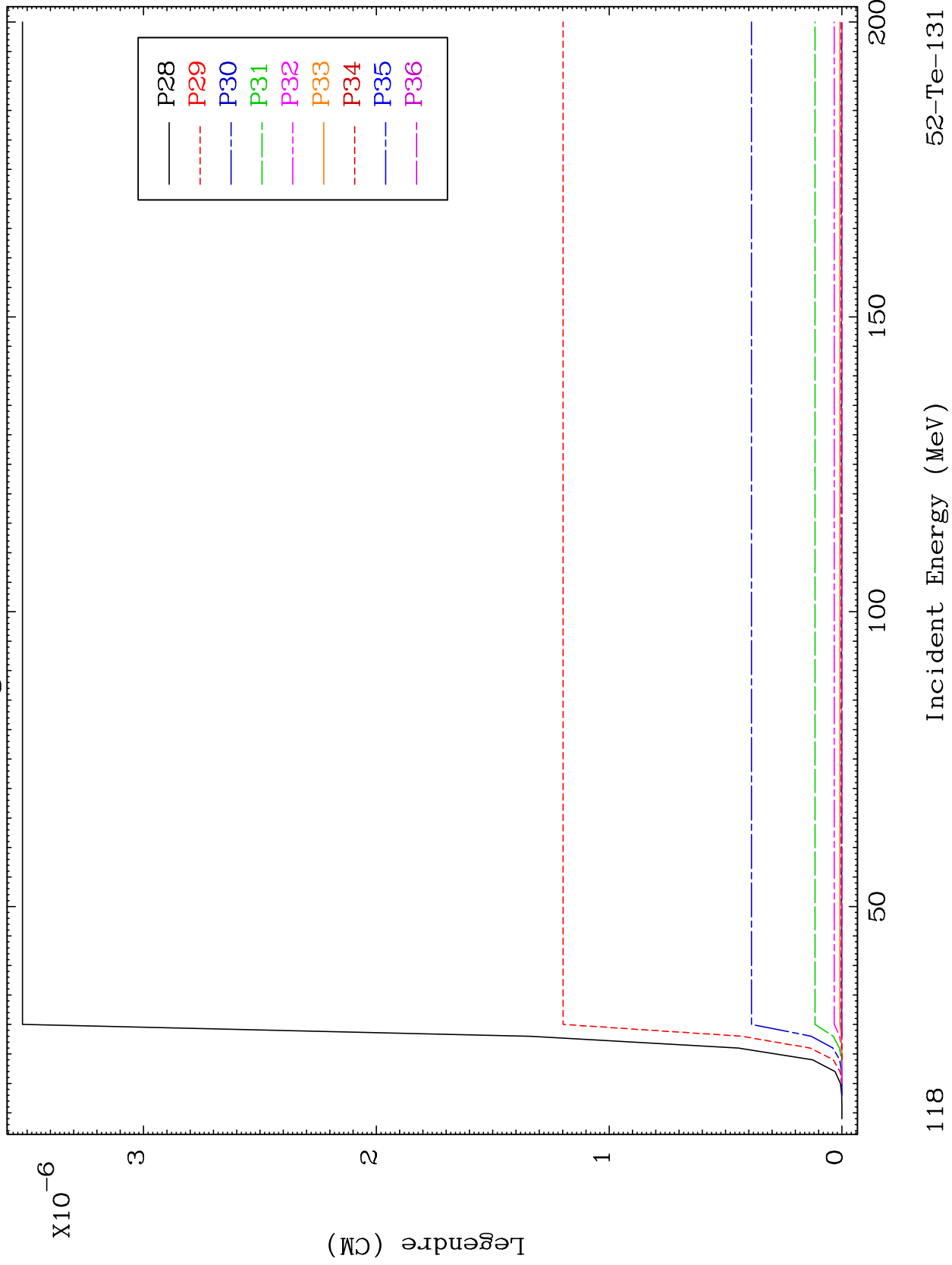




MAT 5258

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

52-Te-131

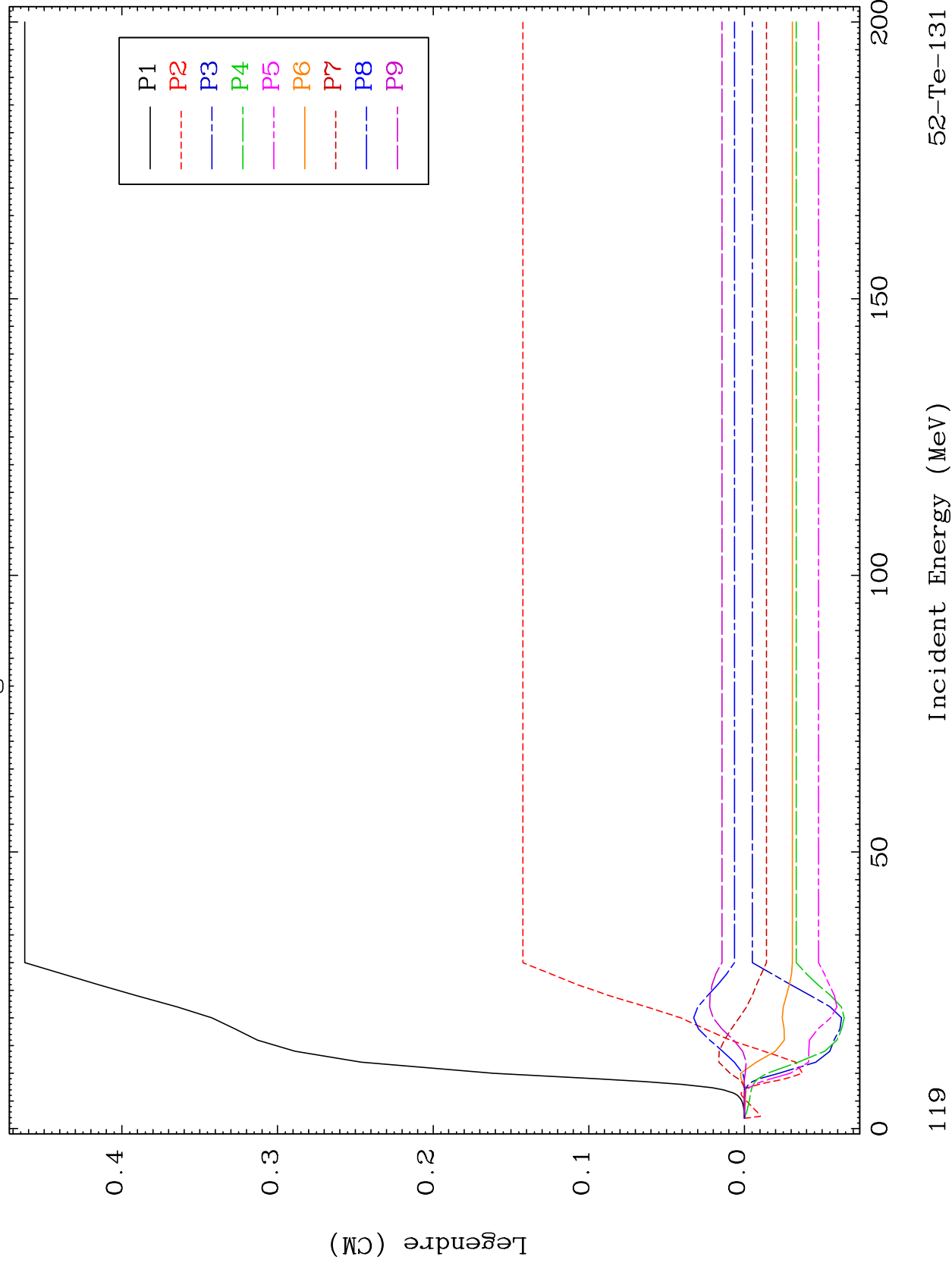


118

MAT 5258

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

52-Te-131



52-Te-131

Incident Energy (MeV)

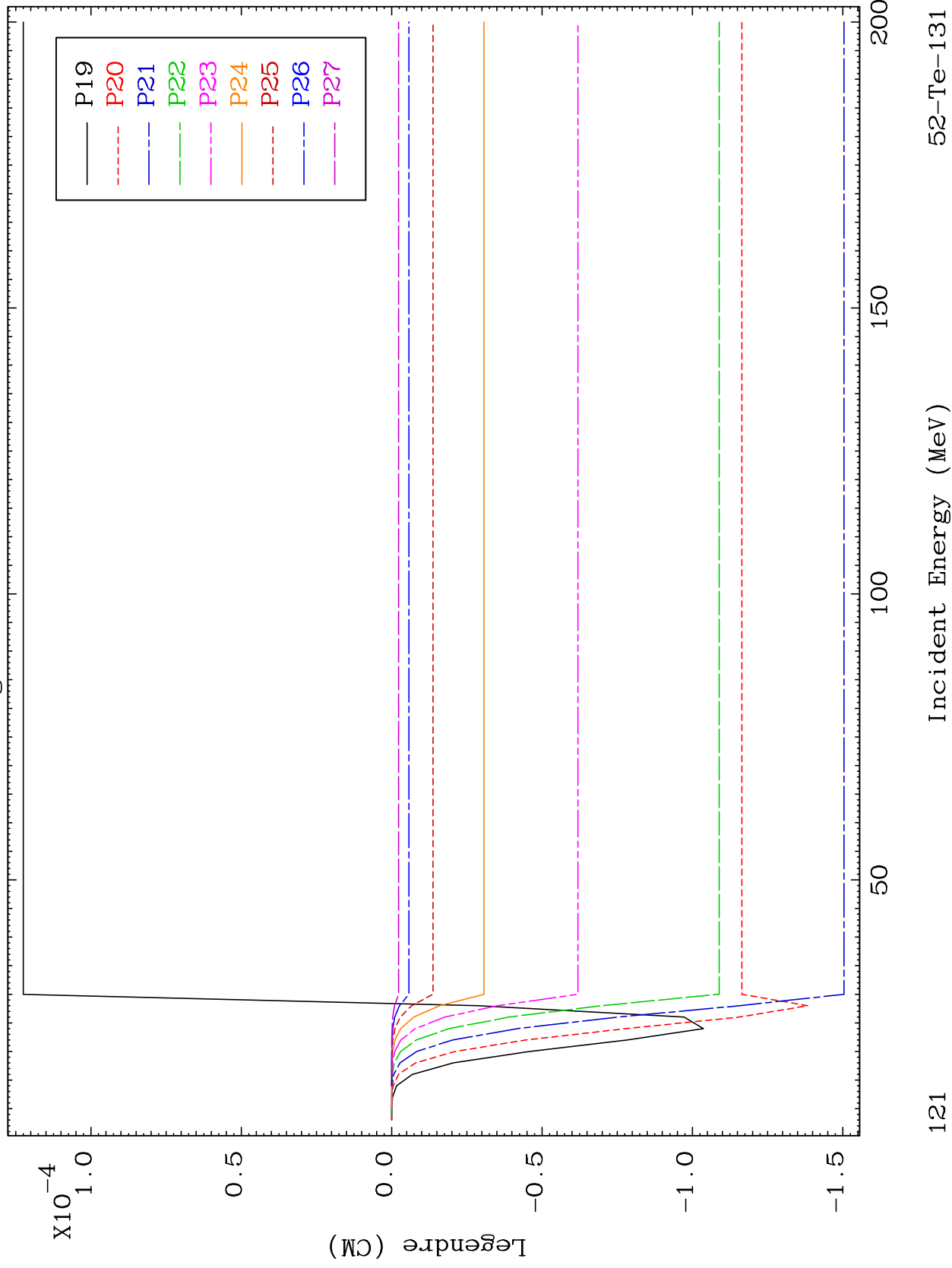
119



MAT 5258

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

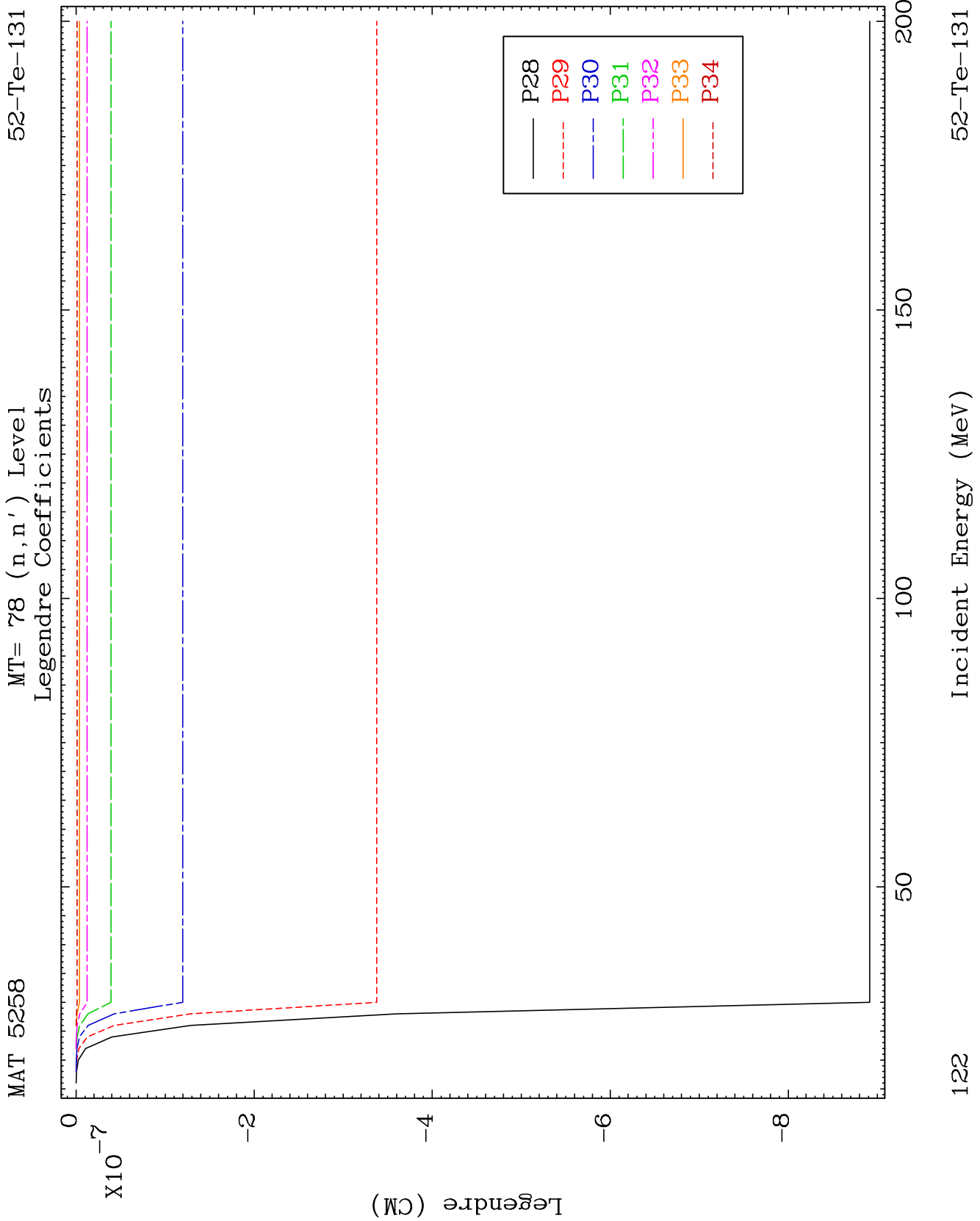
52-Te-131



121

Incident Energy (MeV)

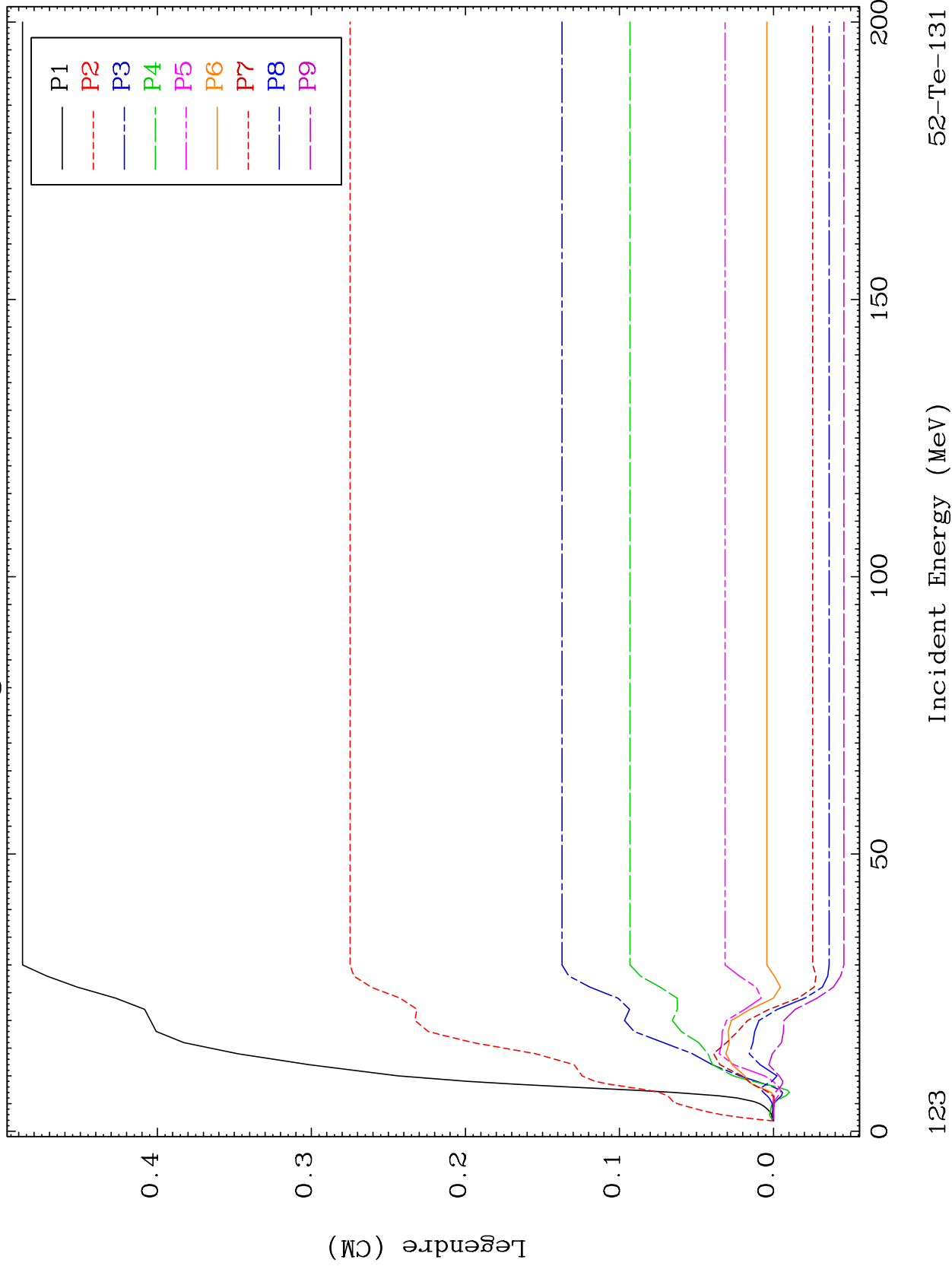
52-Te-131



MAT 5258

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

52-Te-131



52-Te-131

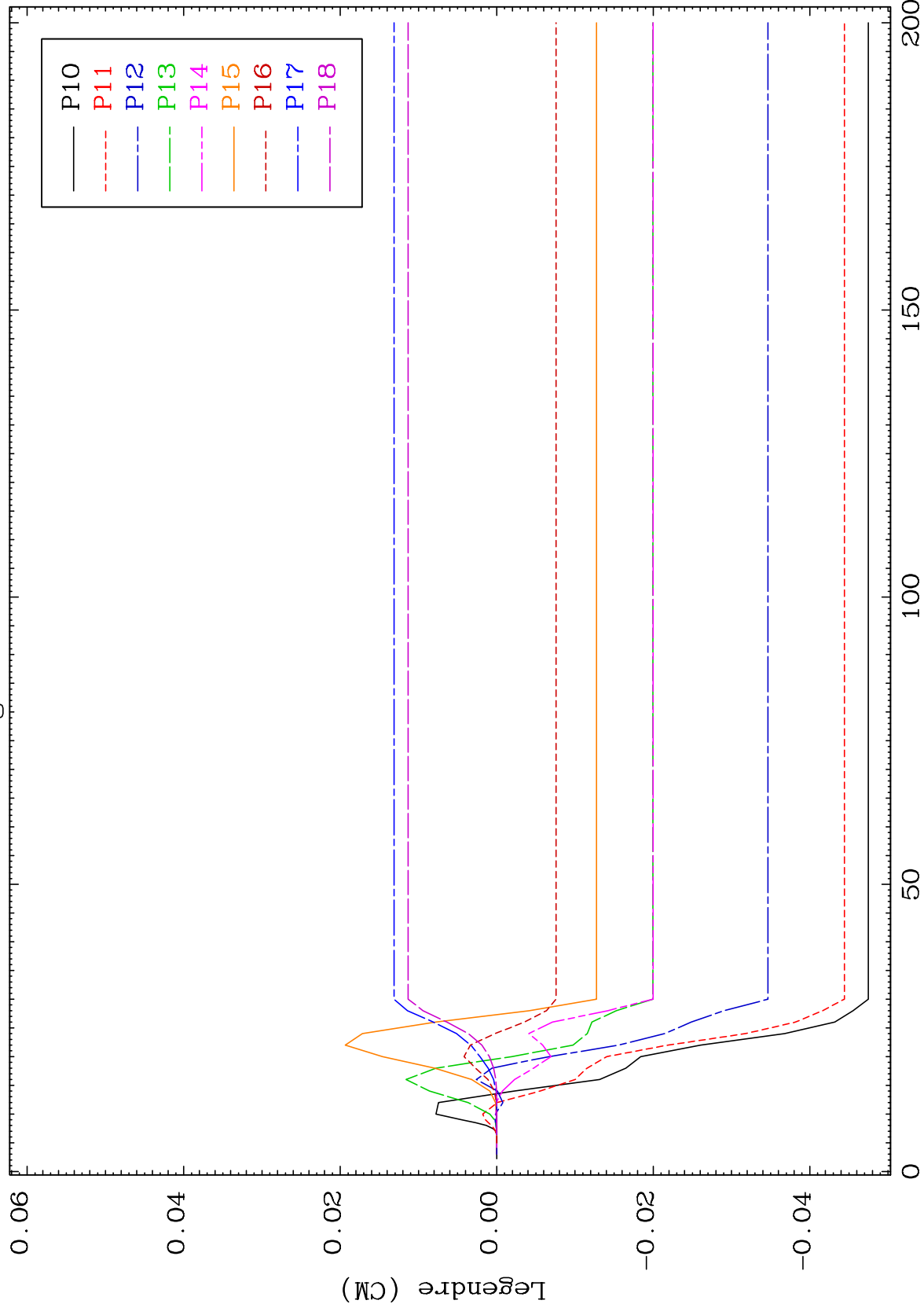
Incident Energy (MeV)

123

MAT 5258

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

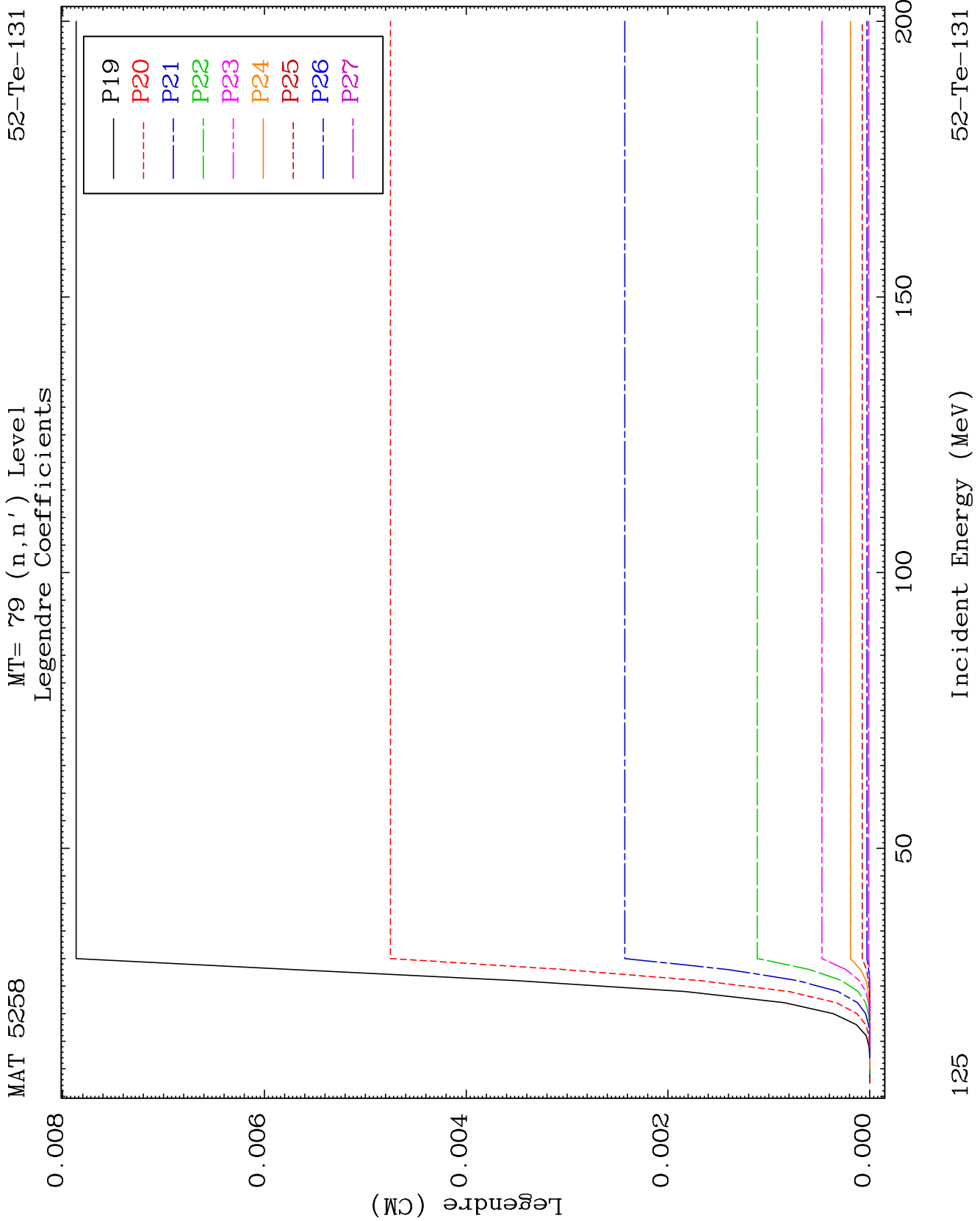
52-Te-131



124

Incident Energy (MeV)

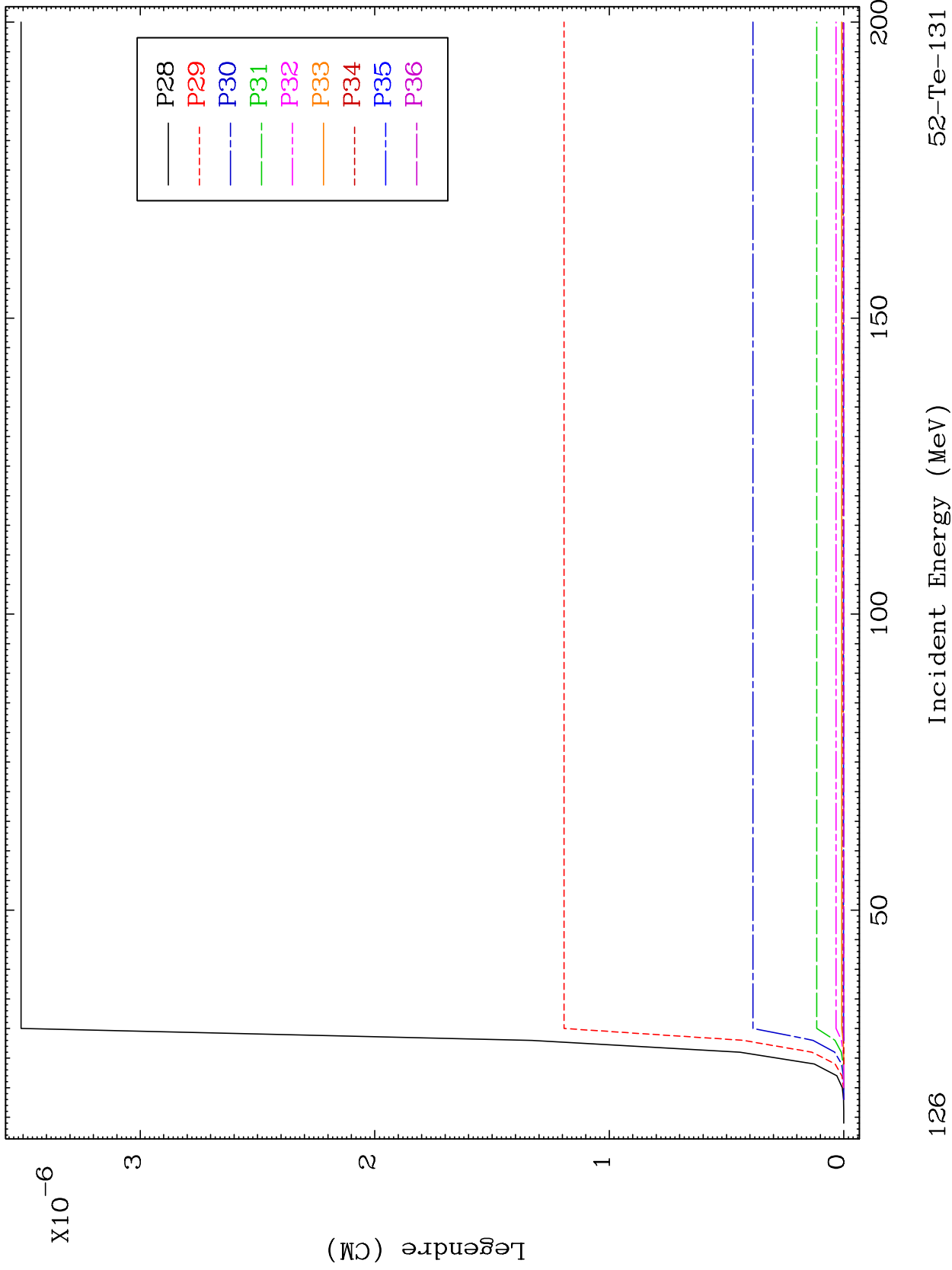
52-Te-131



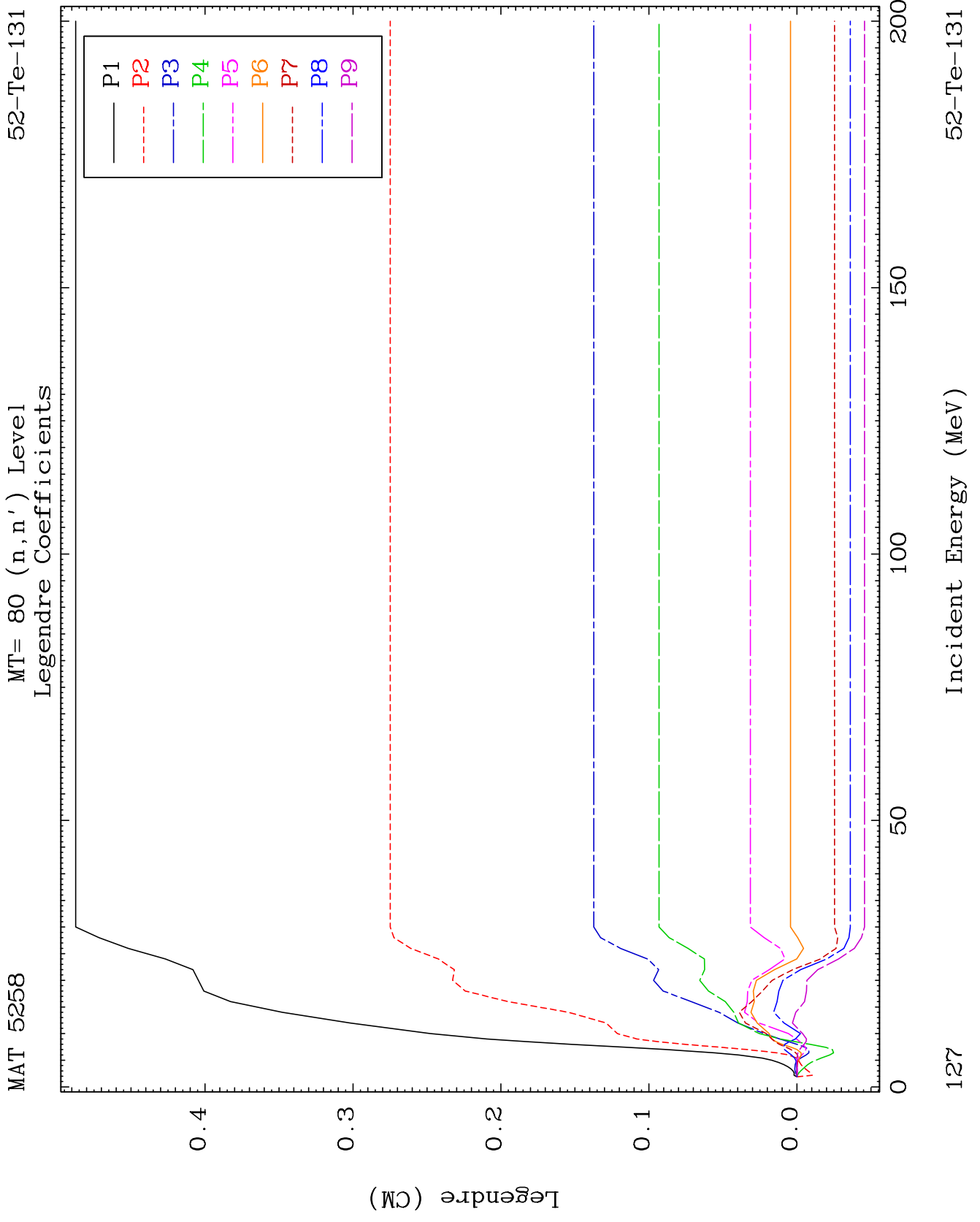
MAT 5258

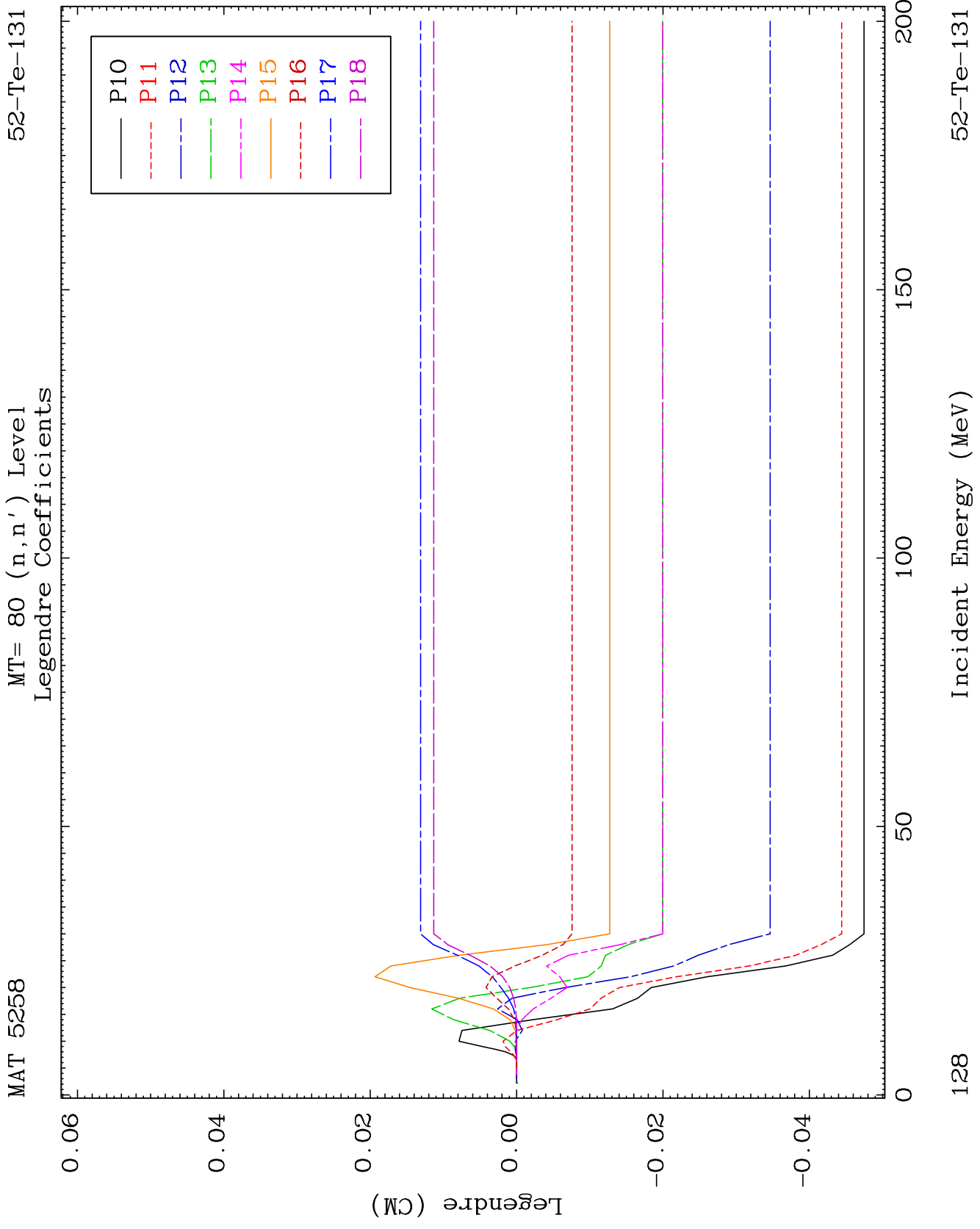
MT= 79 (n,n') Level  
Legendre Coefficients

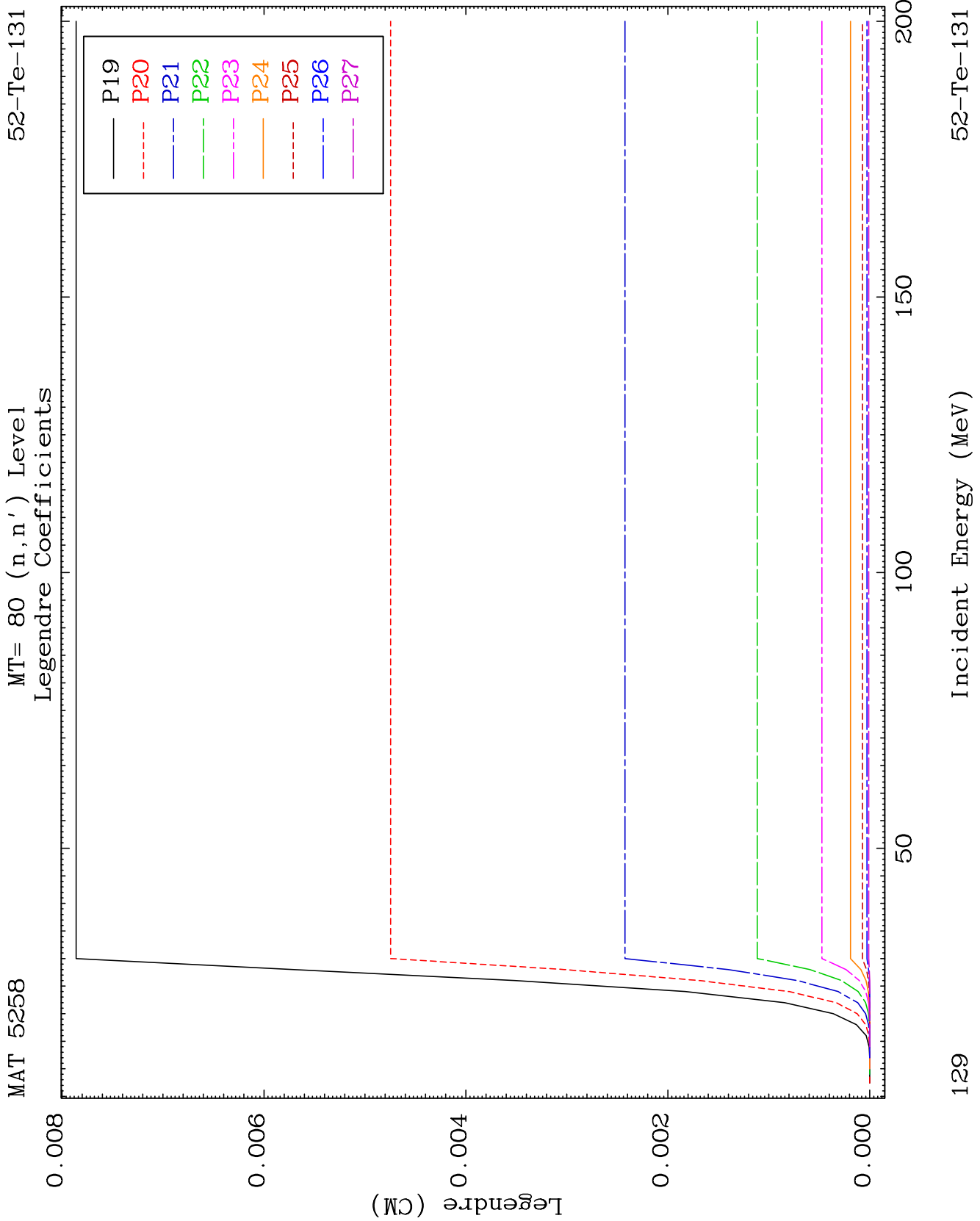
52-Te-131

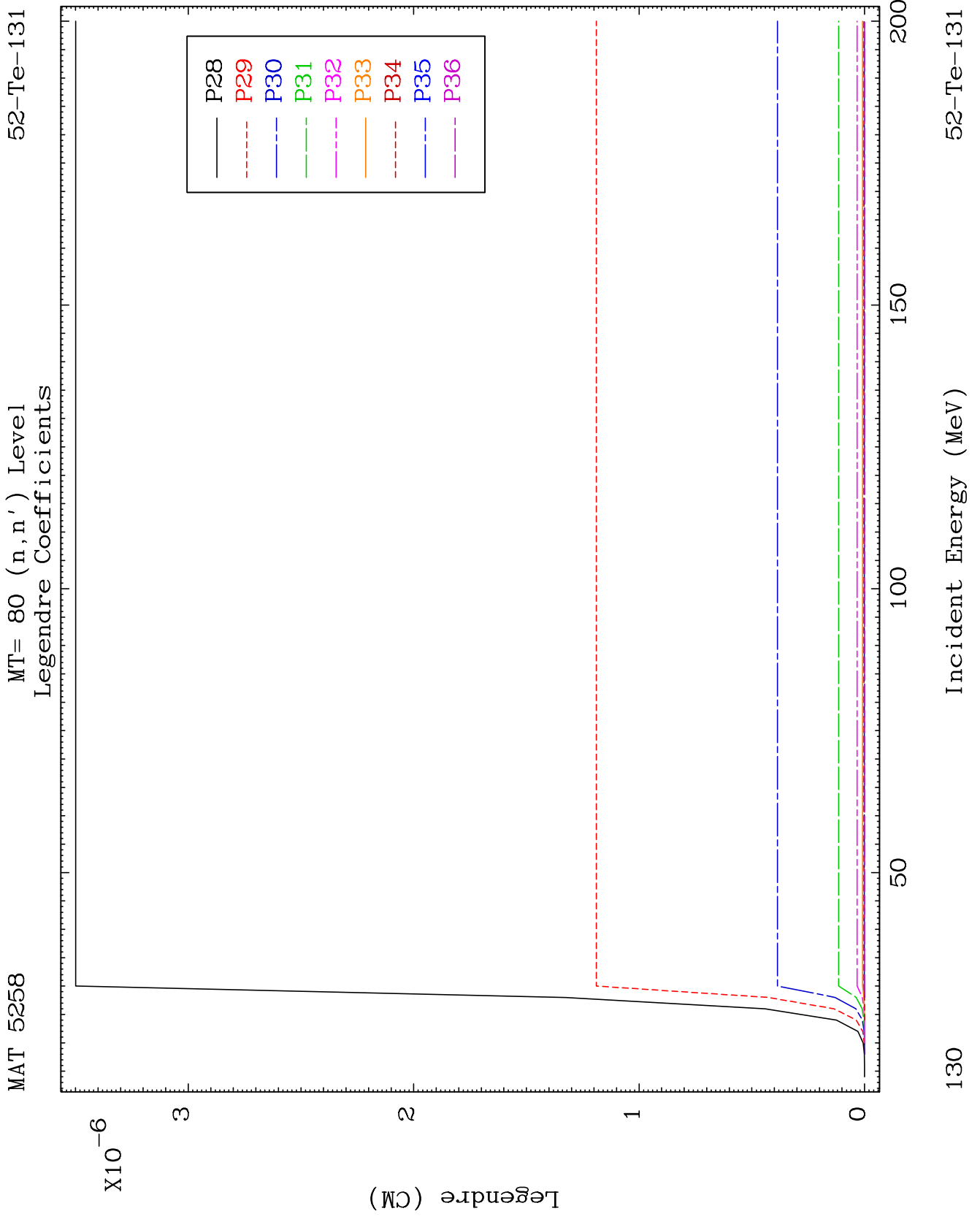


126





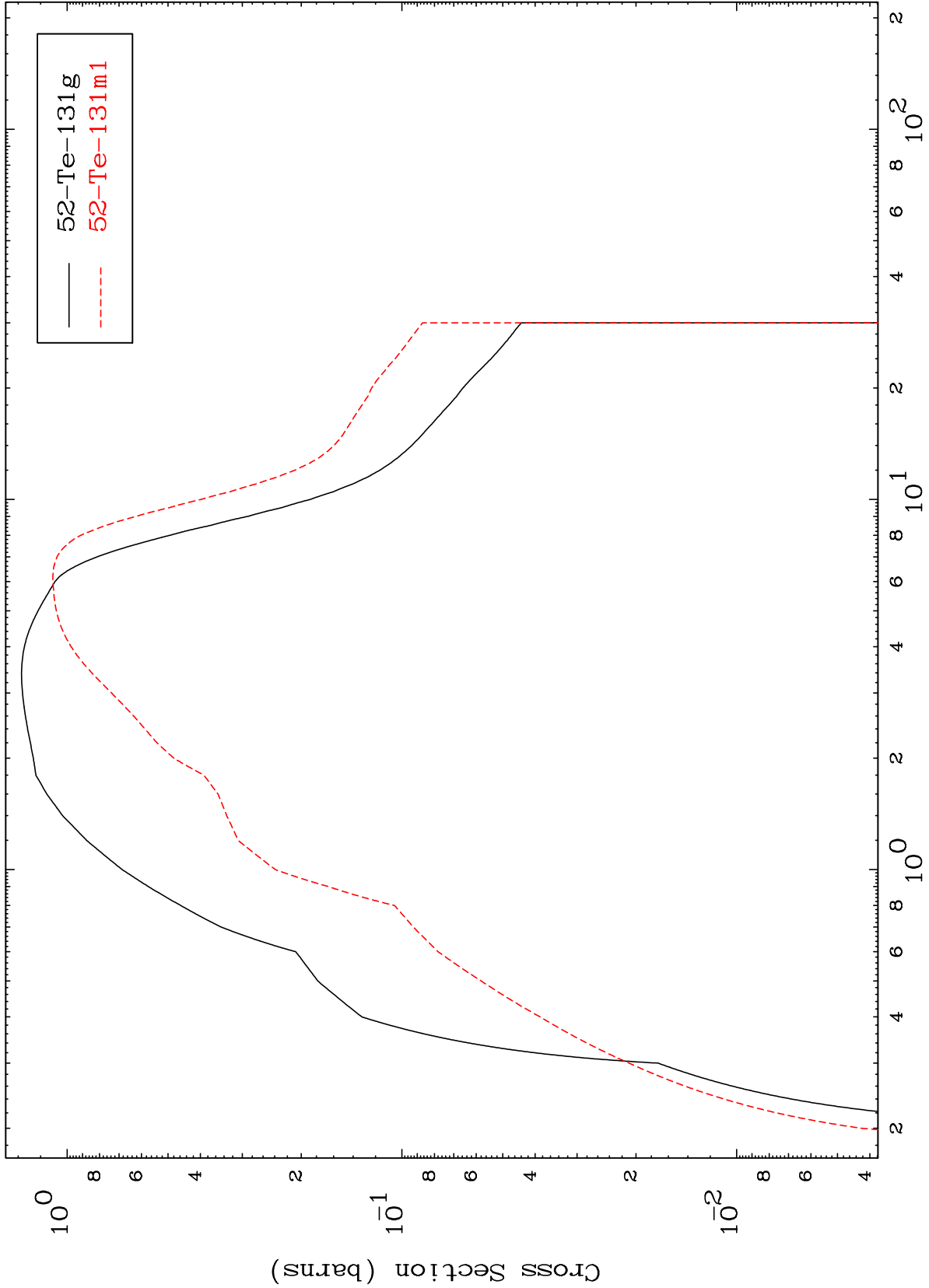




MAT 5258

52-Te-131

Inelastic  
Radionuclide Production Cross Section



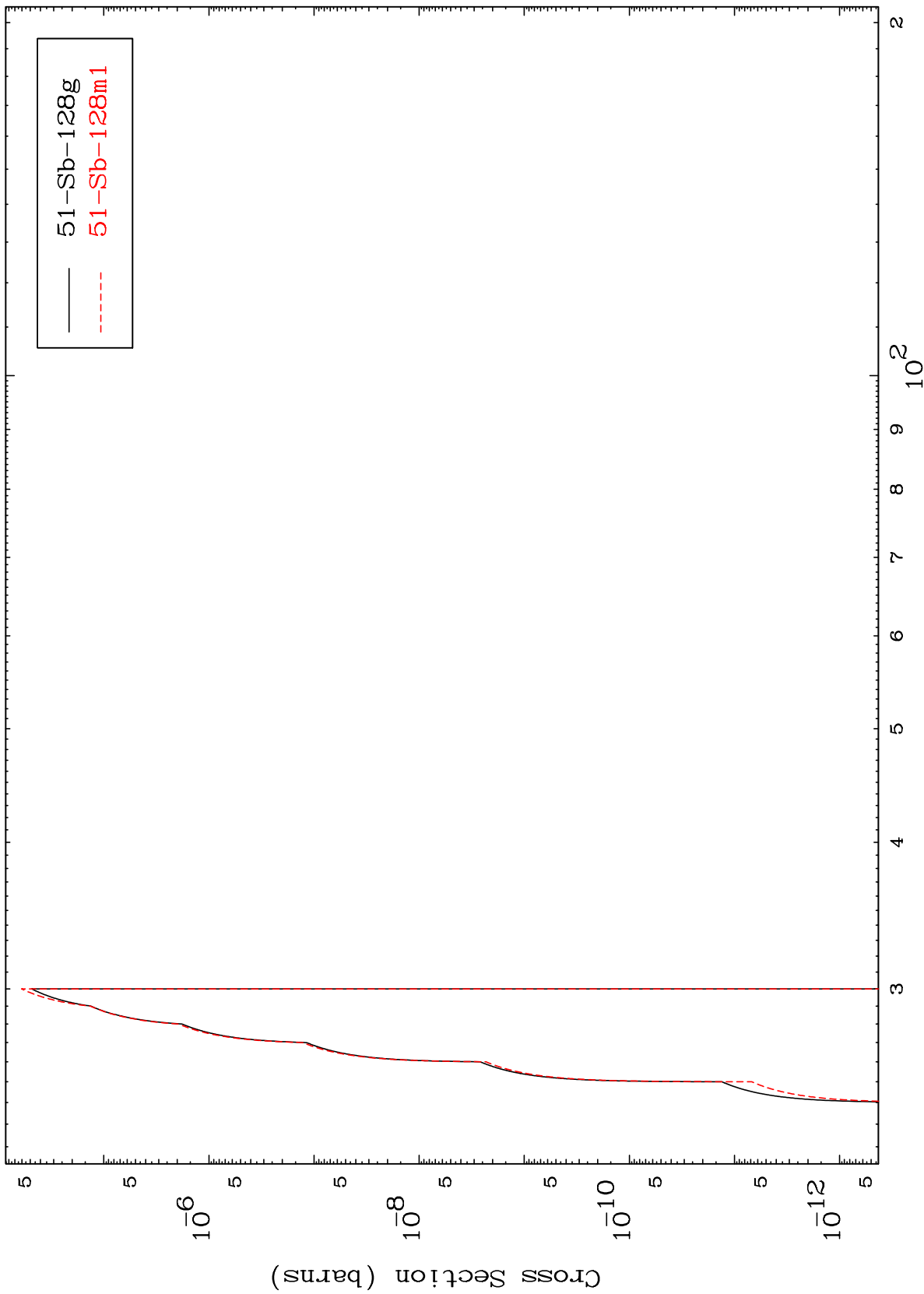
— 52-Te-131g  
- - - 52-Te-131m1

131

Incident Energy (MeV)

52-Te-131

Radionuclide Production Cross Section

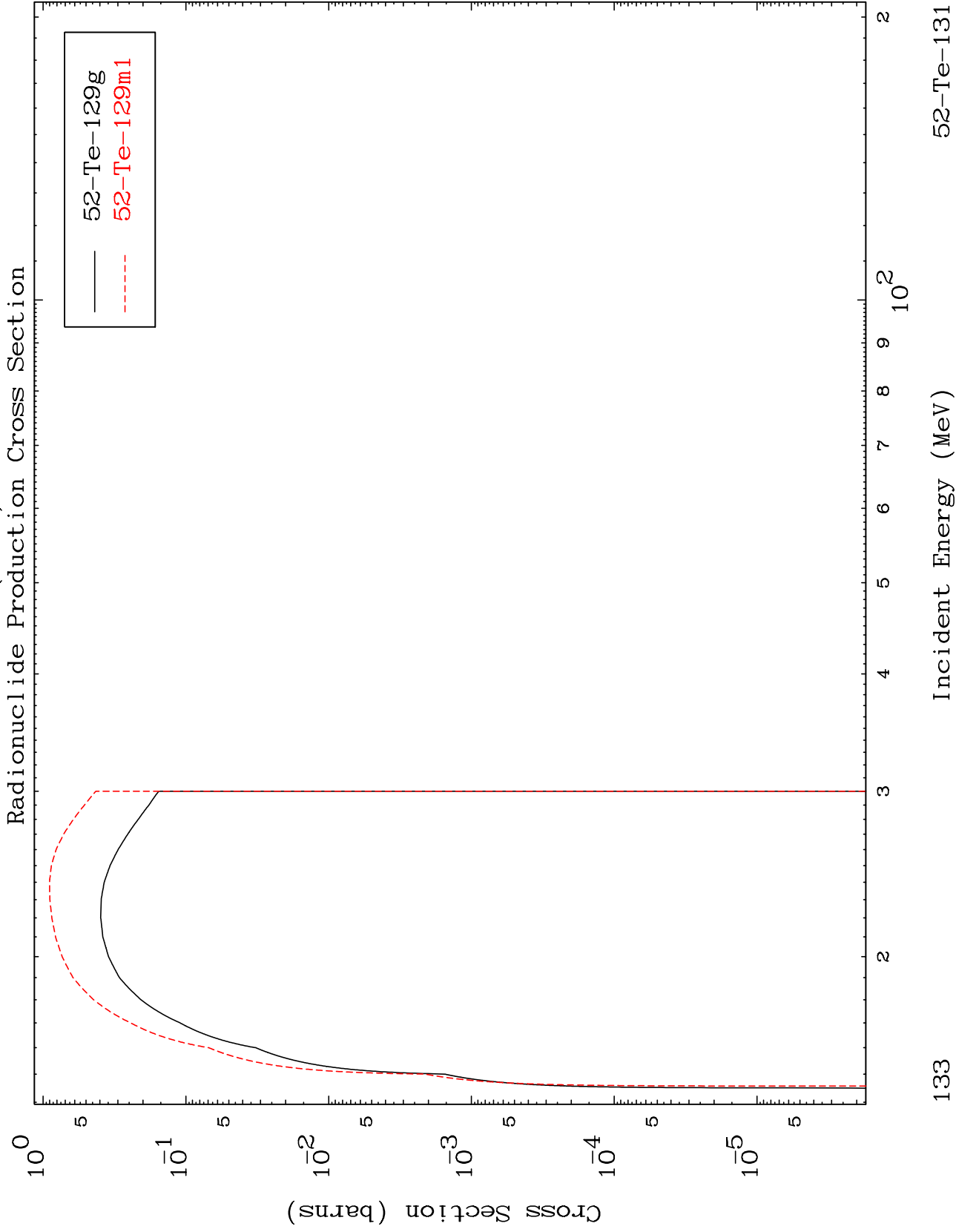


51-Sb-128g  
51-Sb-128m1

MAT 5258

(n,3n)

52-Te-131



133

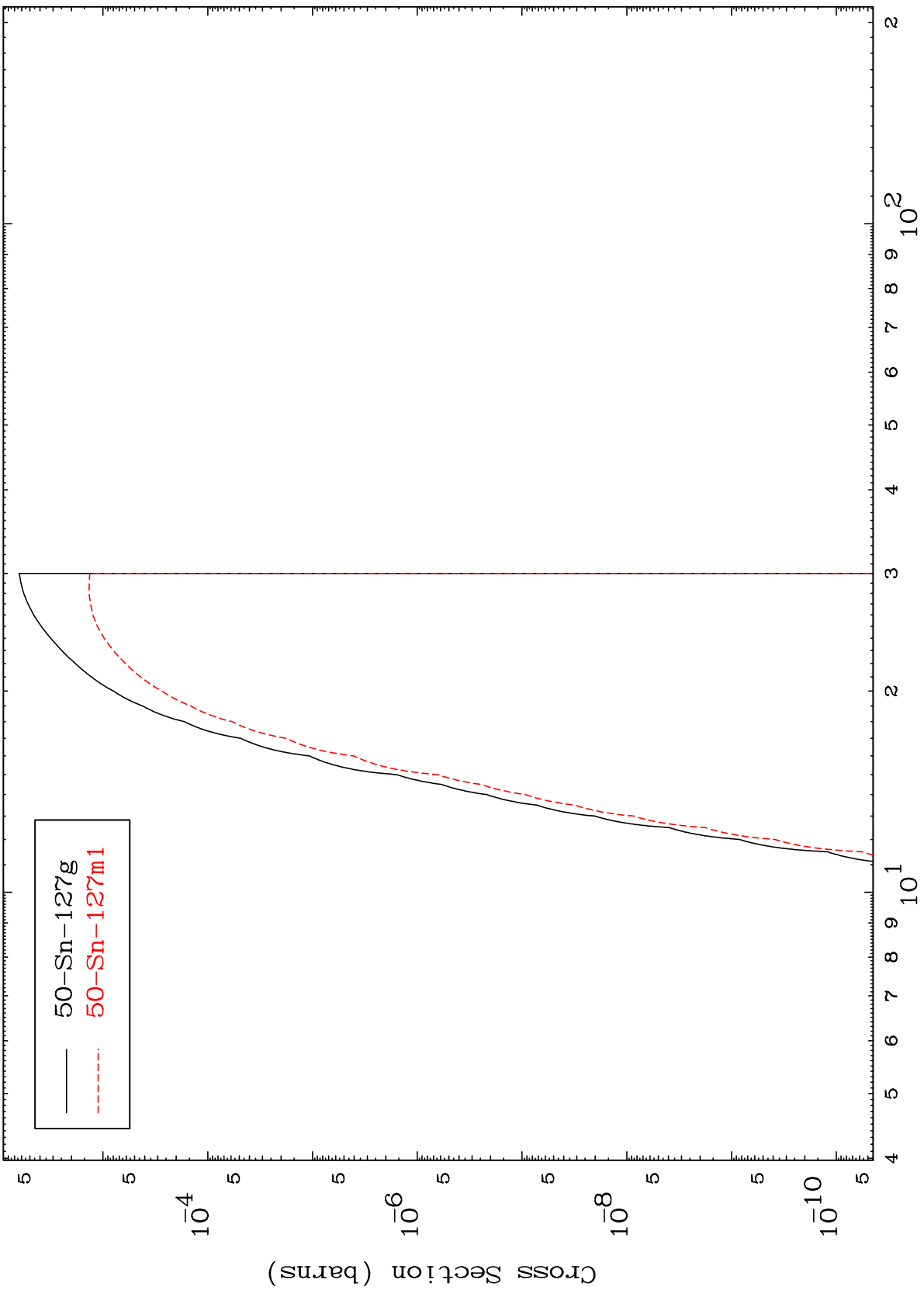
52-Te-131

MAT 5258

$(n, n') \alpha$

52-Te-131

Radionuclide Production Cross Section



134

Incident Energy (MeV)

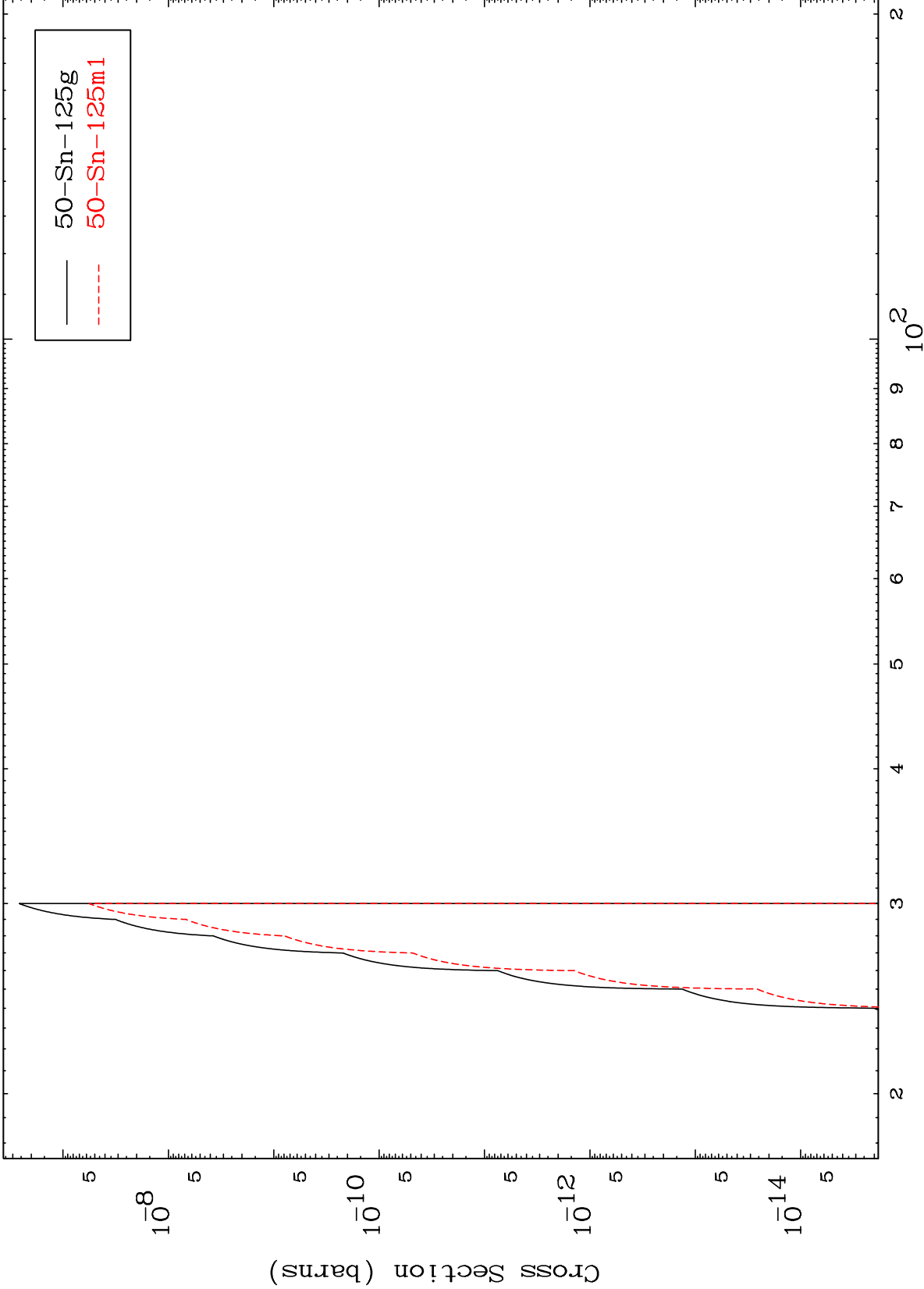
52-Te-131

MAT 5258

(n,3n)  $\alpha$

52-Te-131

Radionuclide Production Cross Section



135

Incident Energy (MeV)

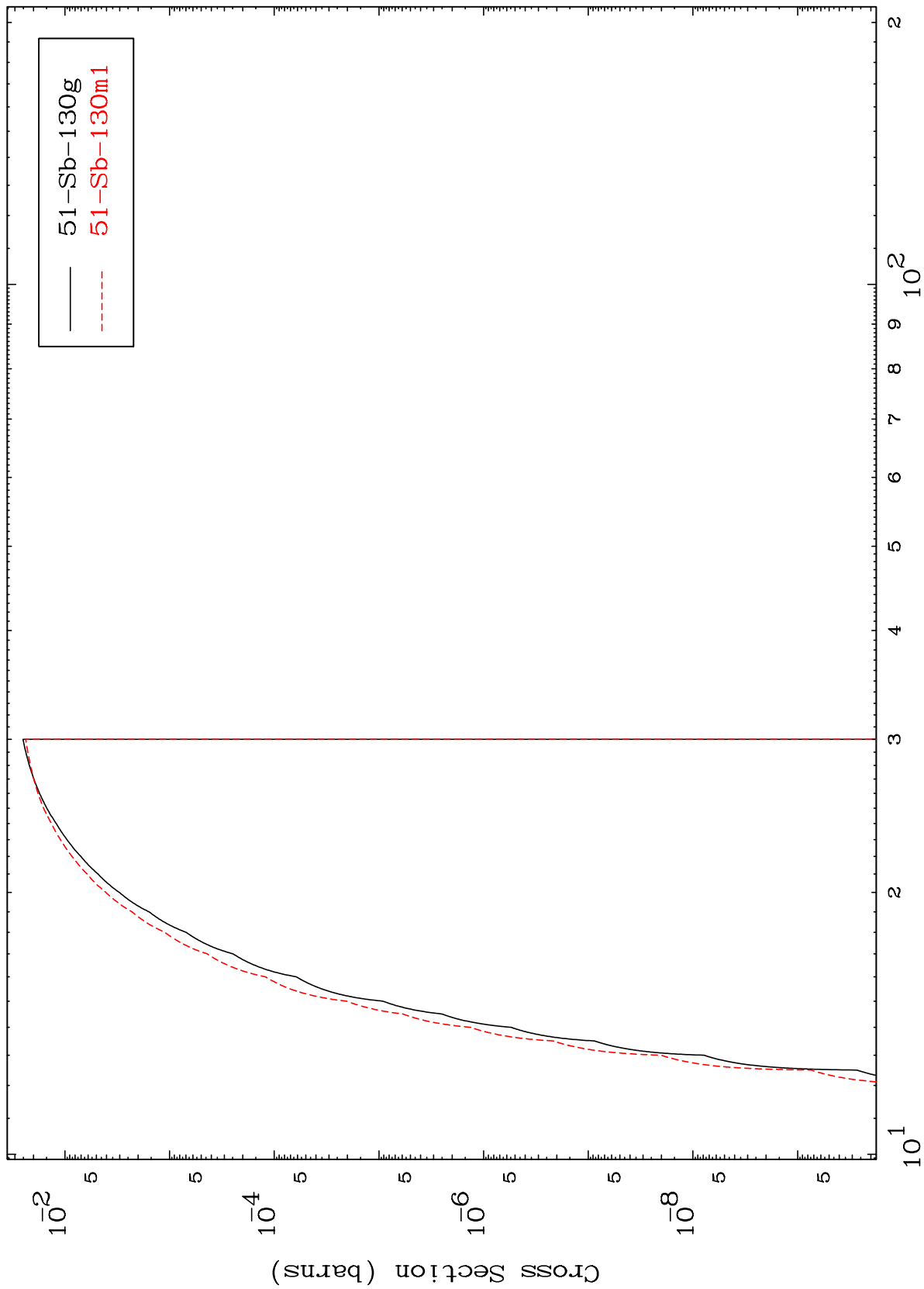
52-Te-131

MAT 5258

(n,n') p

52-Te-131

Radionuclide Production Cross Section



136

Incident Energy (MeV)

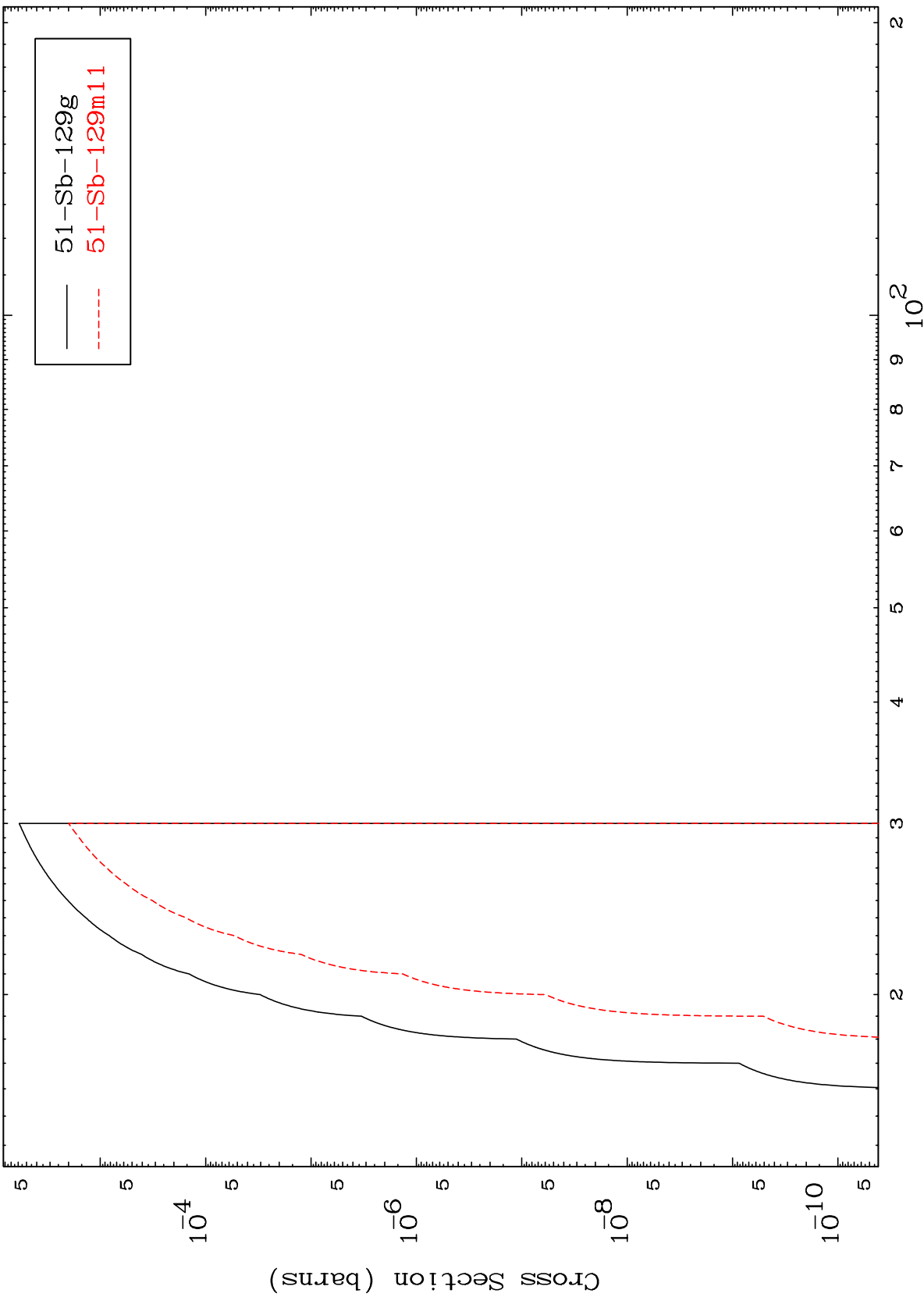
52-Te-131

MAT 5258

(n,n') d

52-Te-131

Radionuclide Production Cross Section

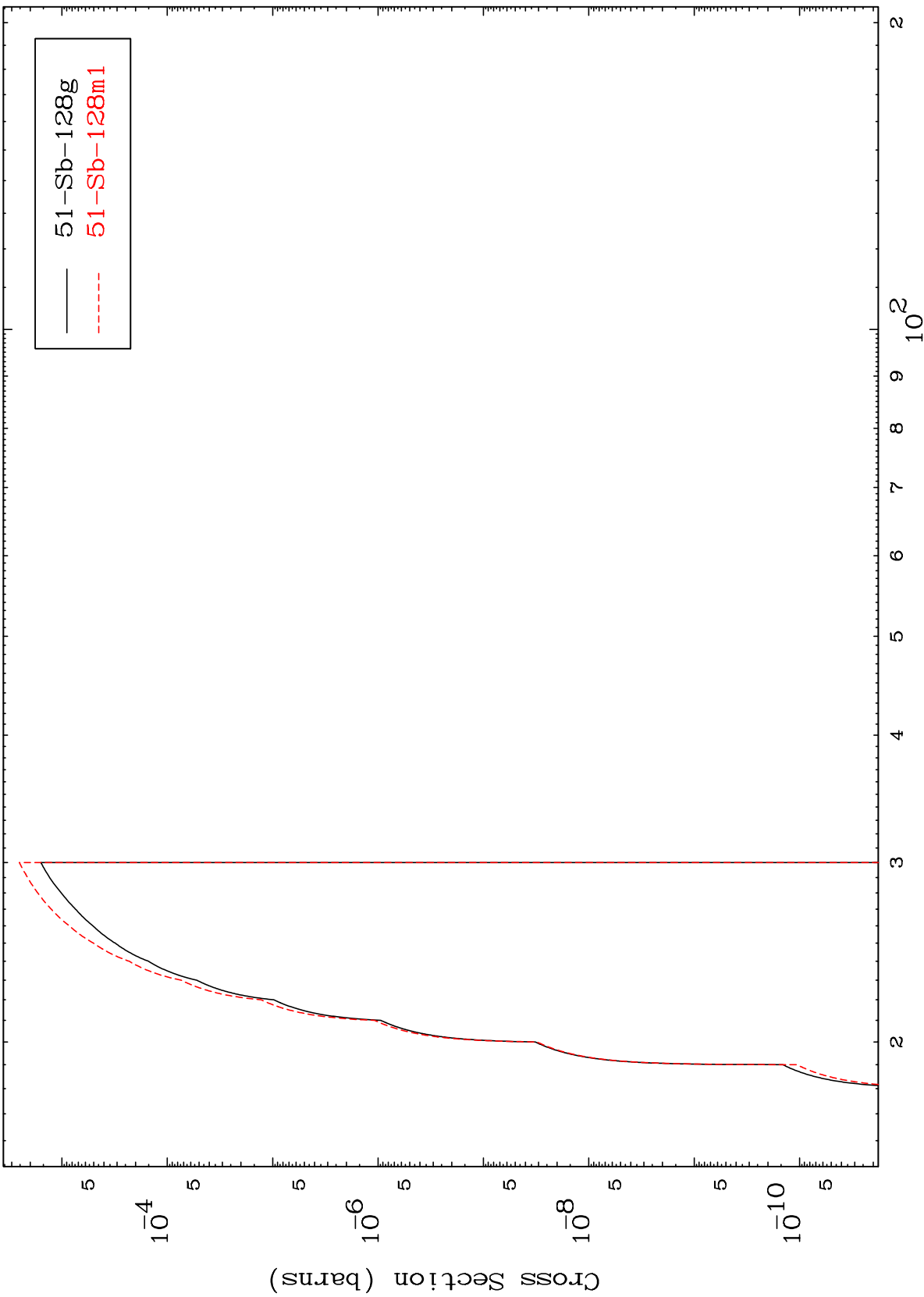


137

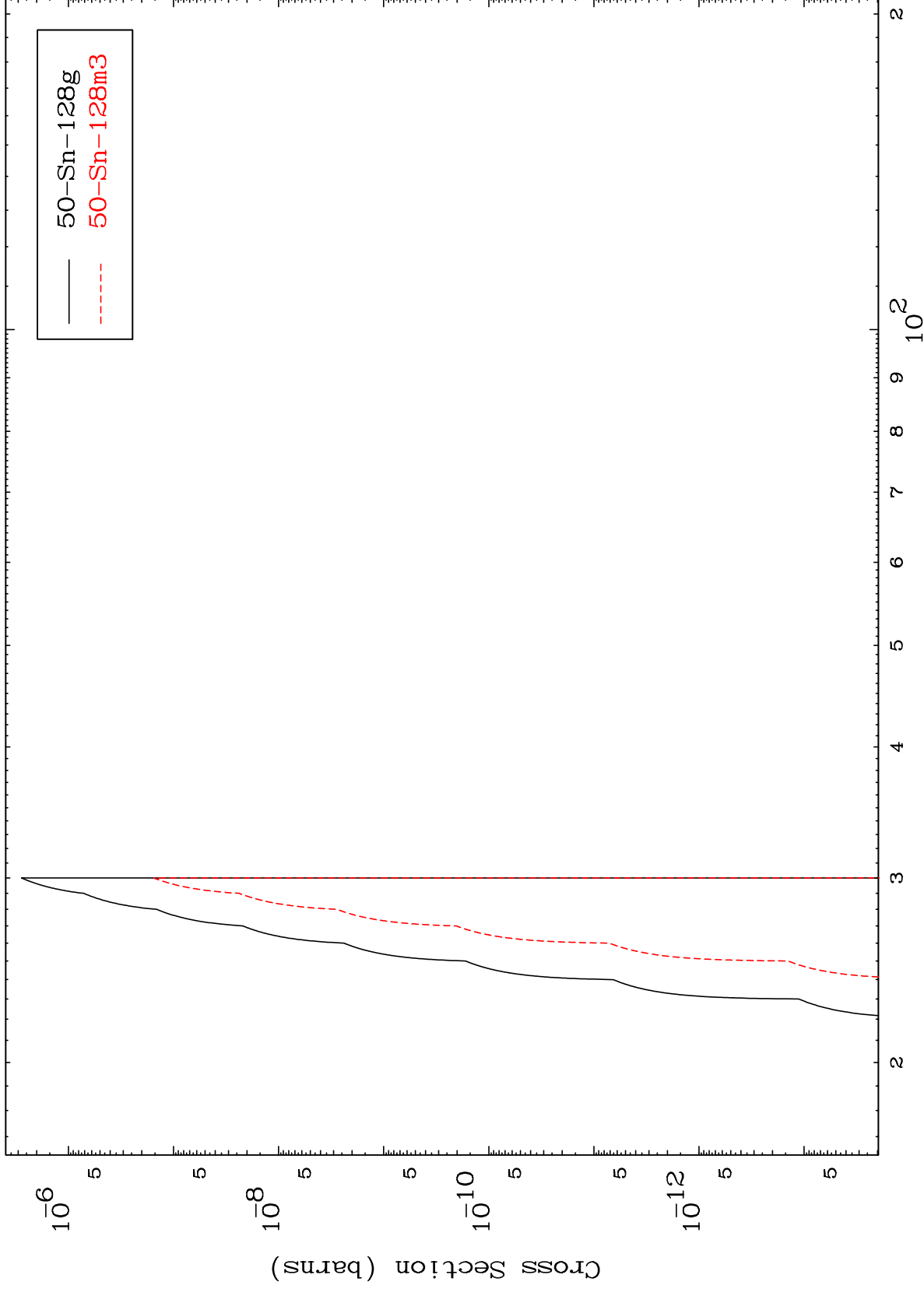
Incident Energy (MeV)

52-Te-131

Radionuclide Production Cross Section



Radionuclide Production Cross Section

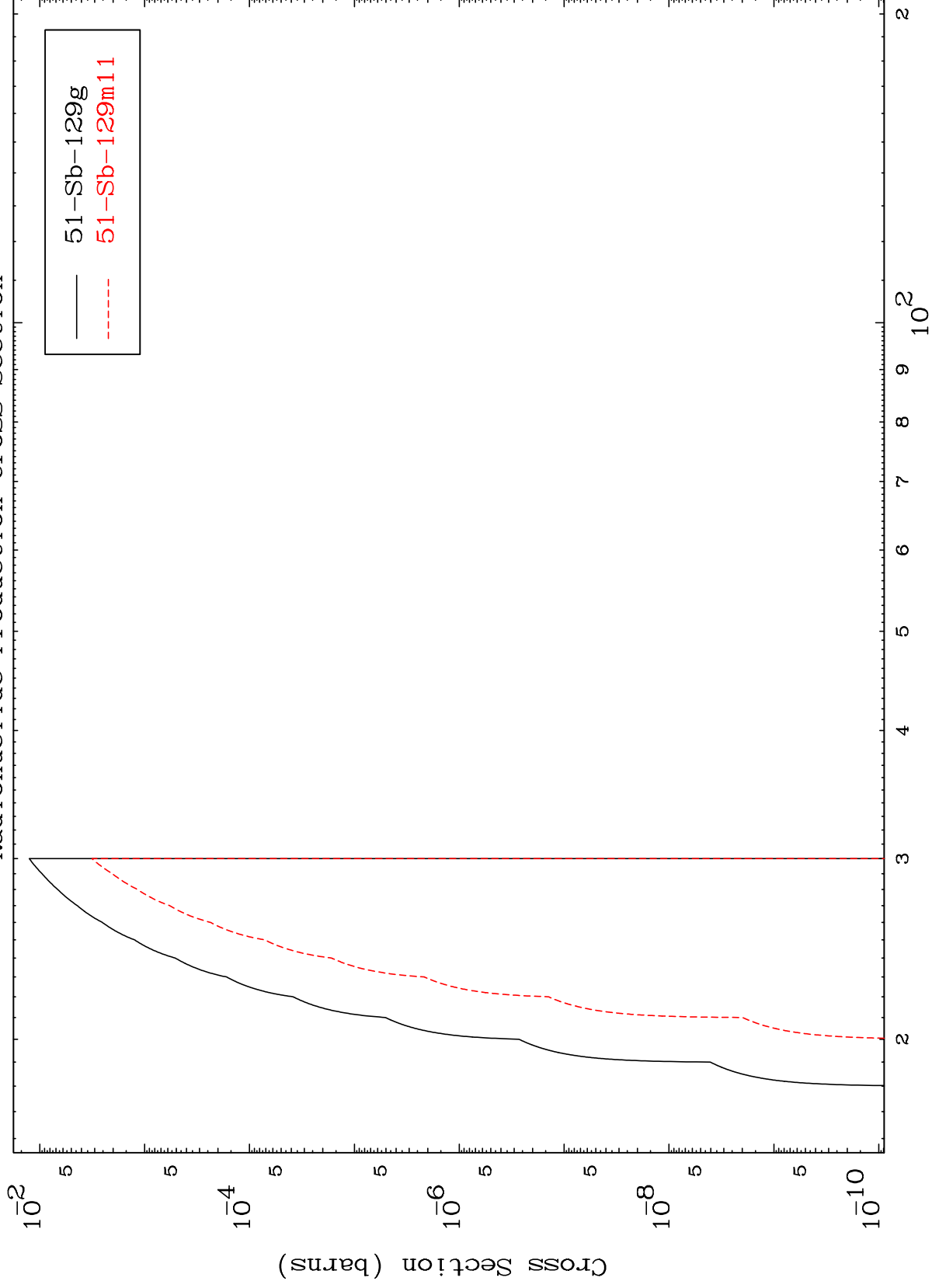


MAT 5258

(n,2n) p

52-Te-131

Radionuclide Production Cross Section



140

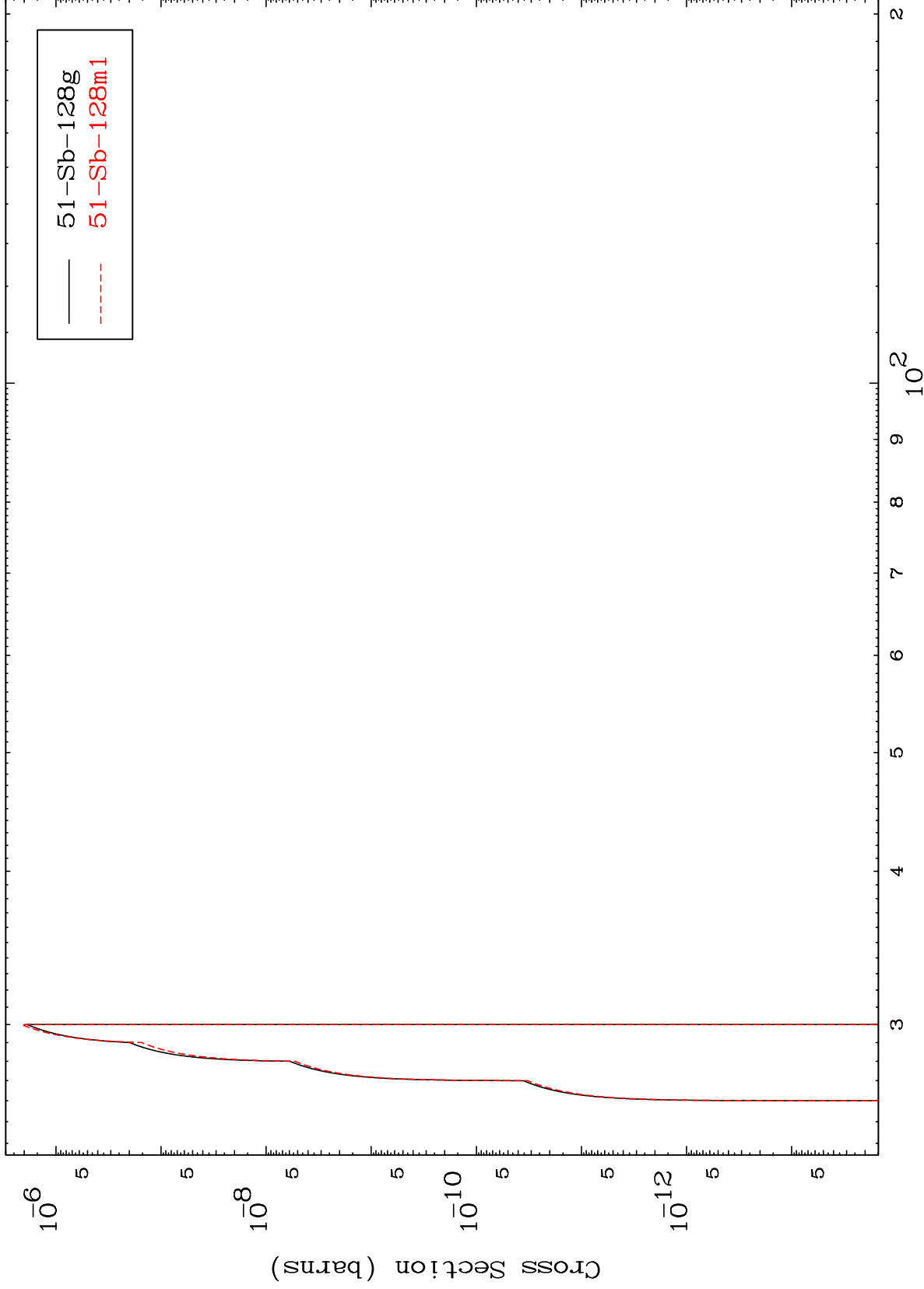
Incident Energy (MeV)

52-Te-131

MAT 5258

52-Te-131

(n,3n) p  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

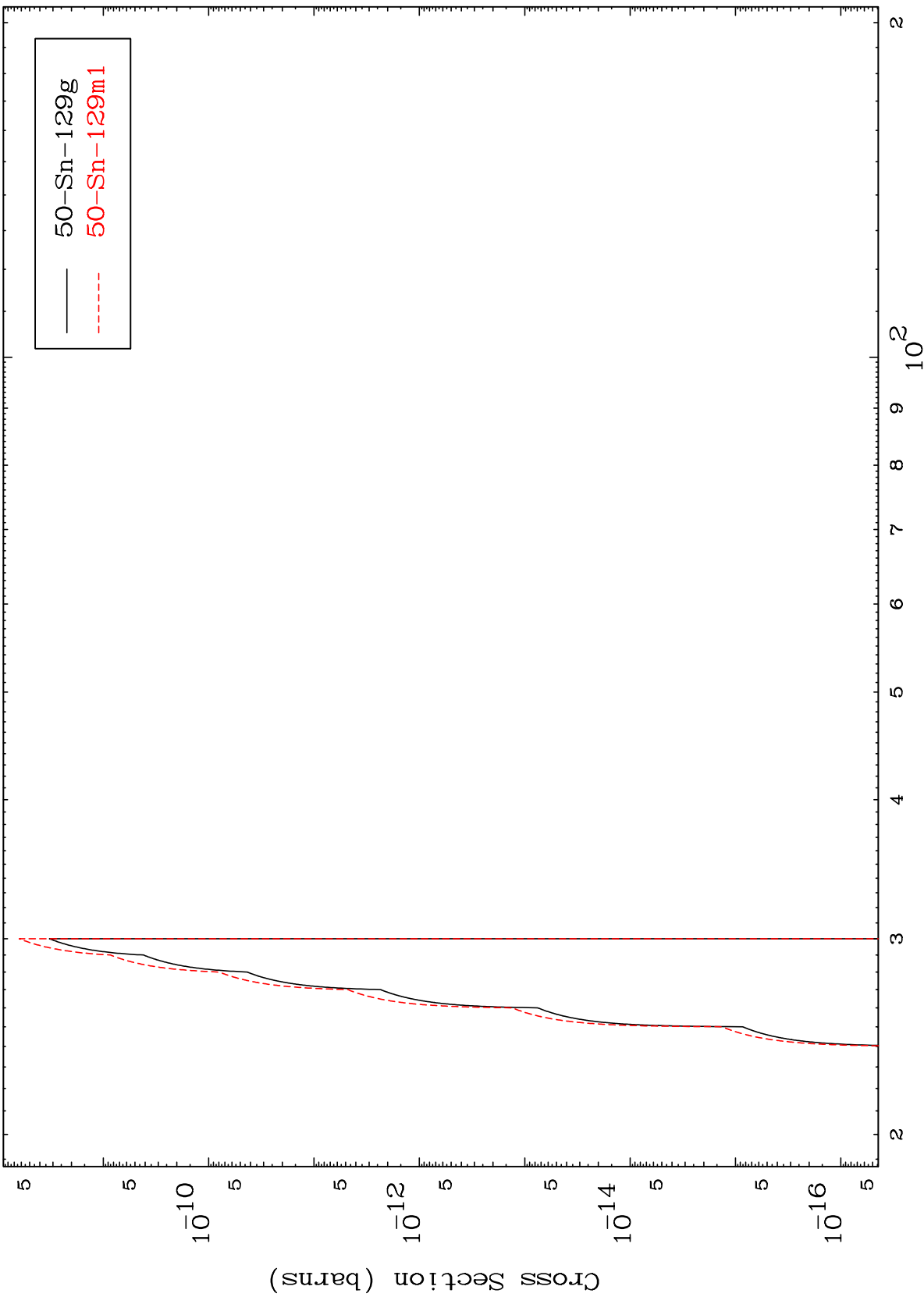
52-Te-131

MAT 5258

(n,2n) p

52-Te-131

Radionuclide Production Cross Section



142

Incident Energy (MeV)

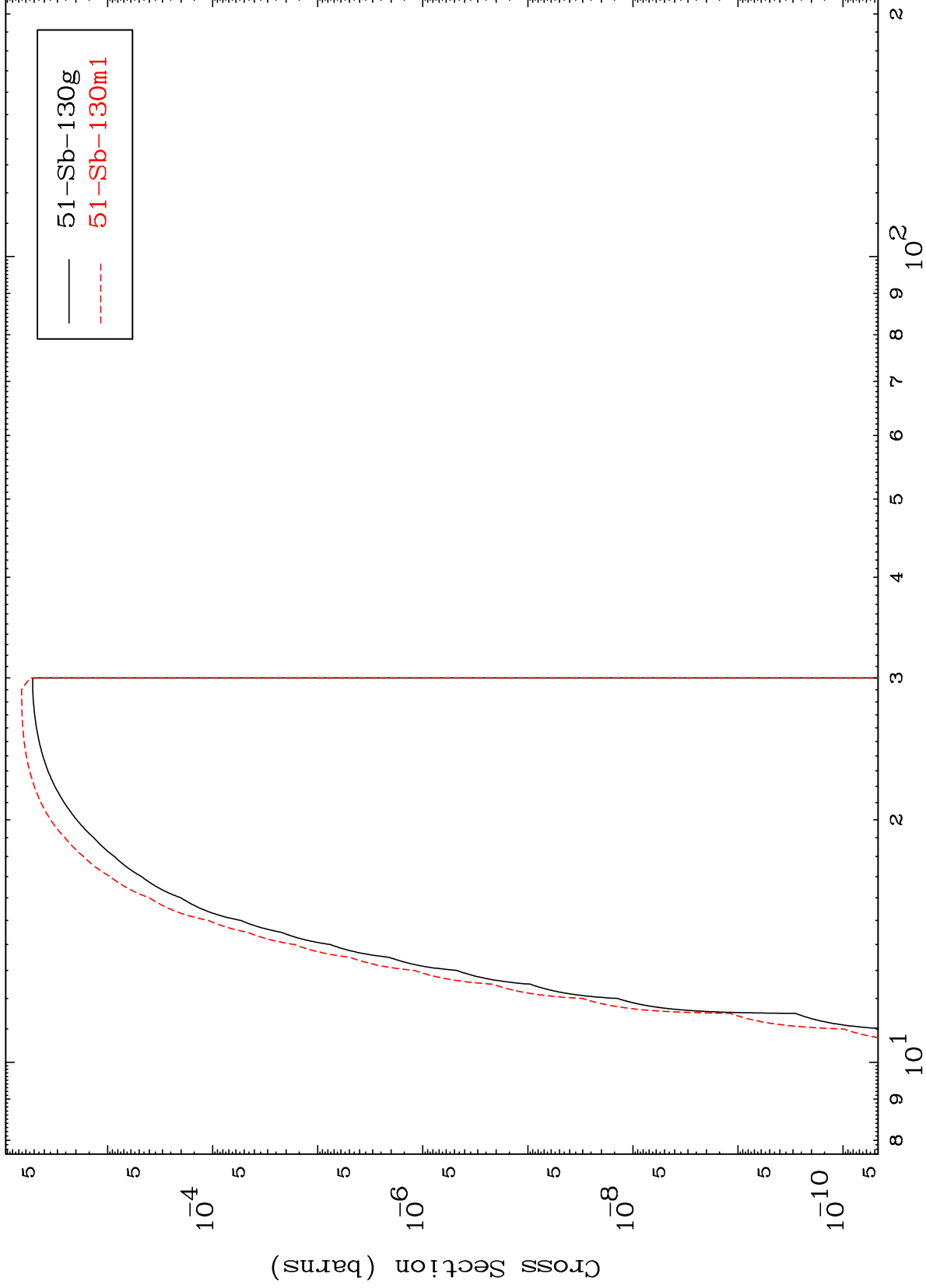
52-Te-131

MAT 5258

(n,d)

52-Te-131

Radionuclide Production Cross Section



143

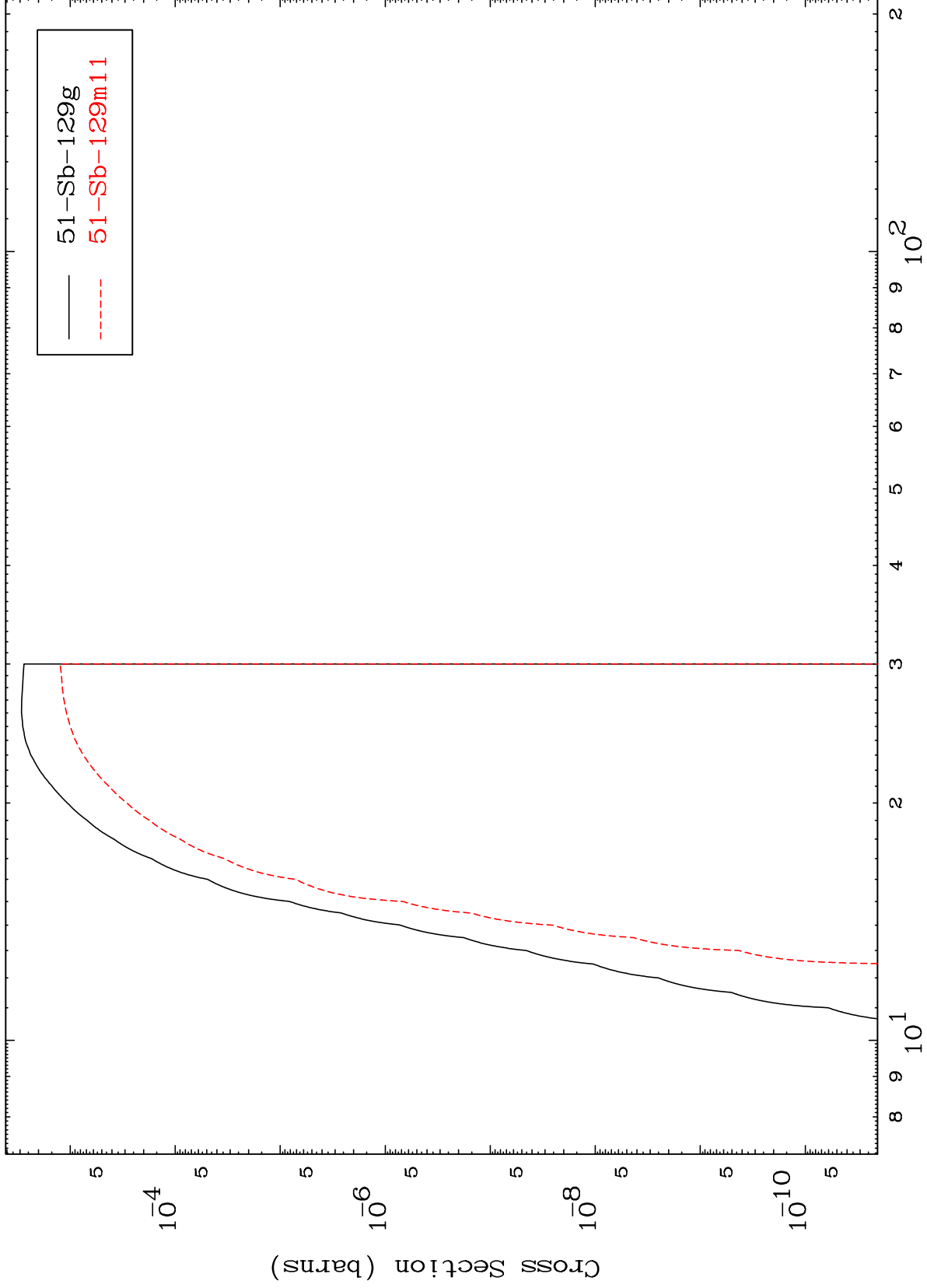
Incident Energy (MeV)

52-Te-131

MAT 5258

52-Te-131

(n, t)  
Radionuclide Production Cross Section

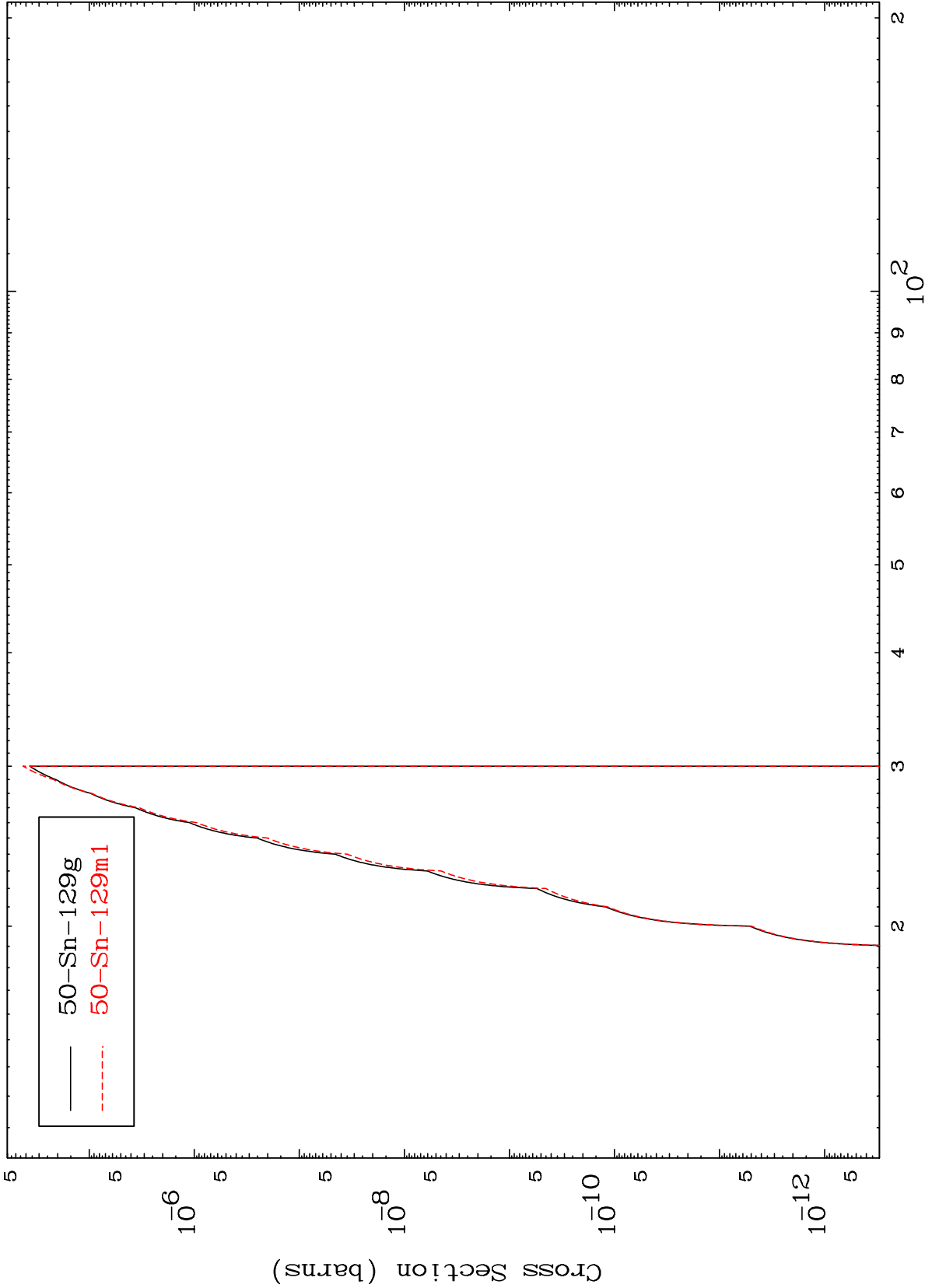


144

Incident Energy (MeV)

52-Te-131

Radionuclide Production Cross Section

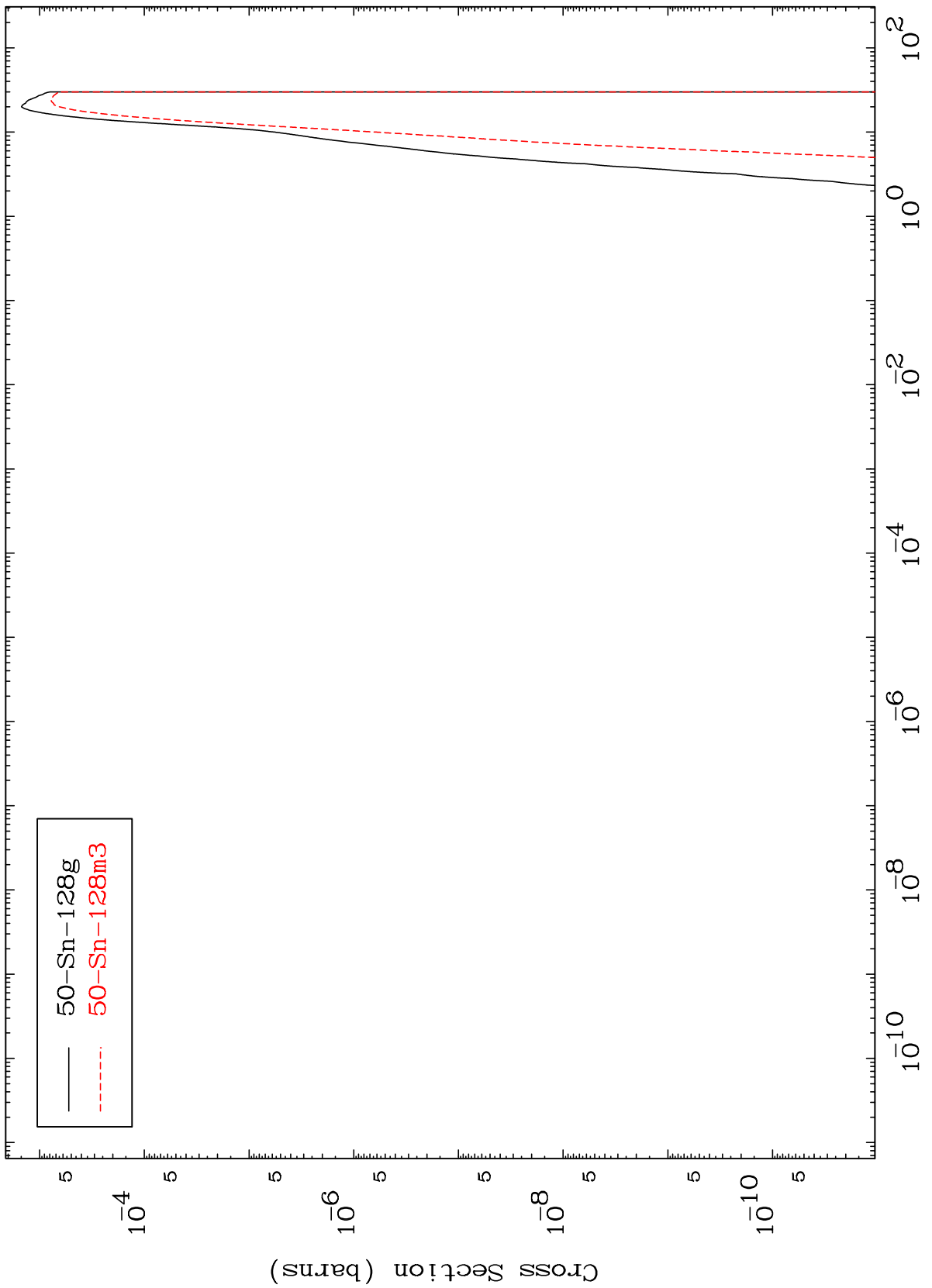


MAT 5258

(n,  $\alpha$ )

52-Te-131

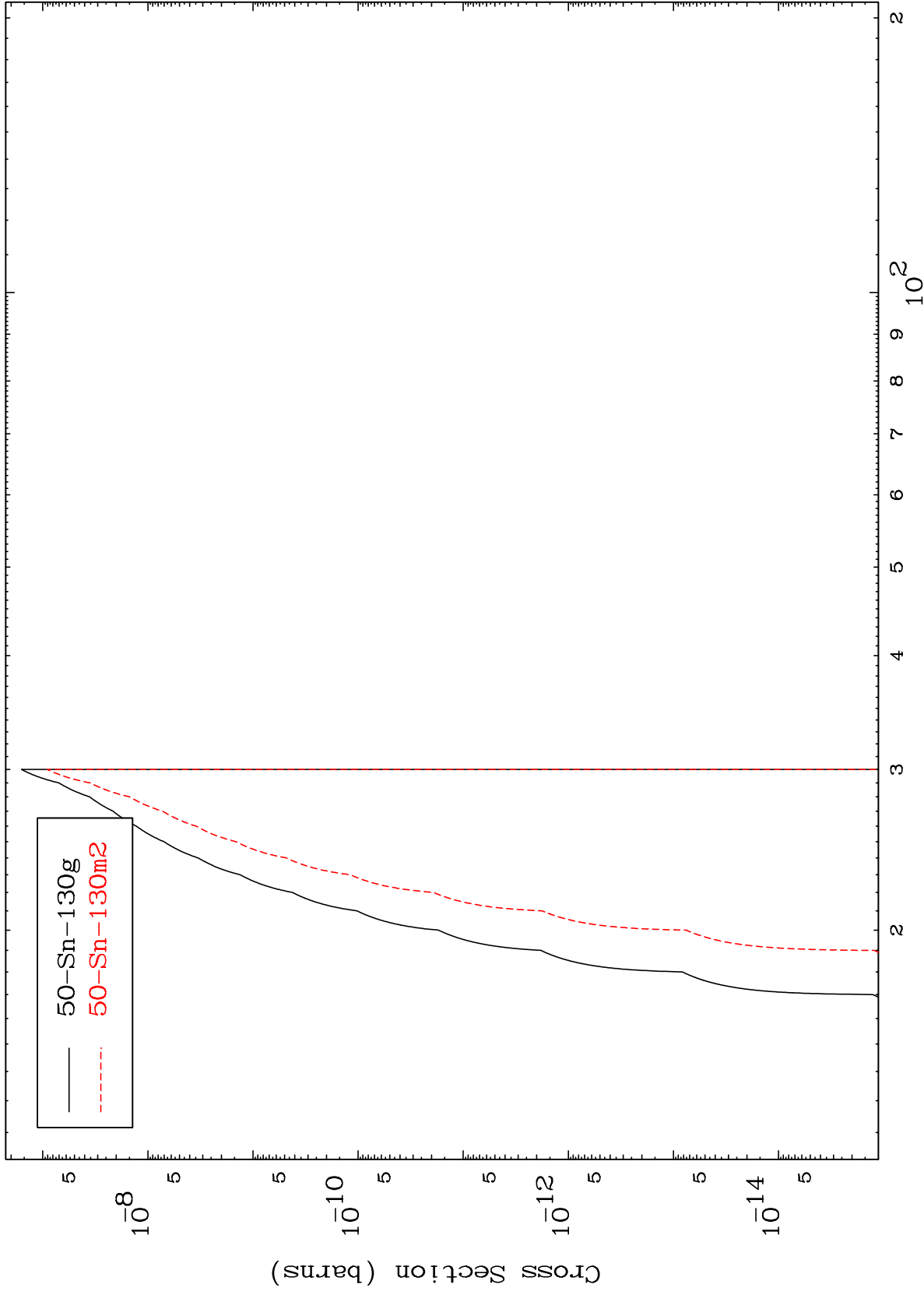
Radionuclide Production Cross Section



MAT 5258

52-Te-131

(n,2p)  
Radionuclide Production Cross Section



147

Incident Energy (MeV)

52-Te-131

Radionuclide Production Cross Section

