

Program EVALPLOT  
(Version 2017-1)

by

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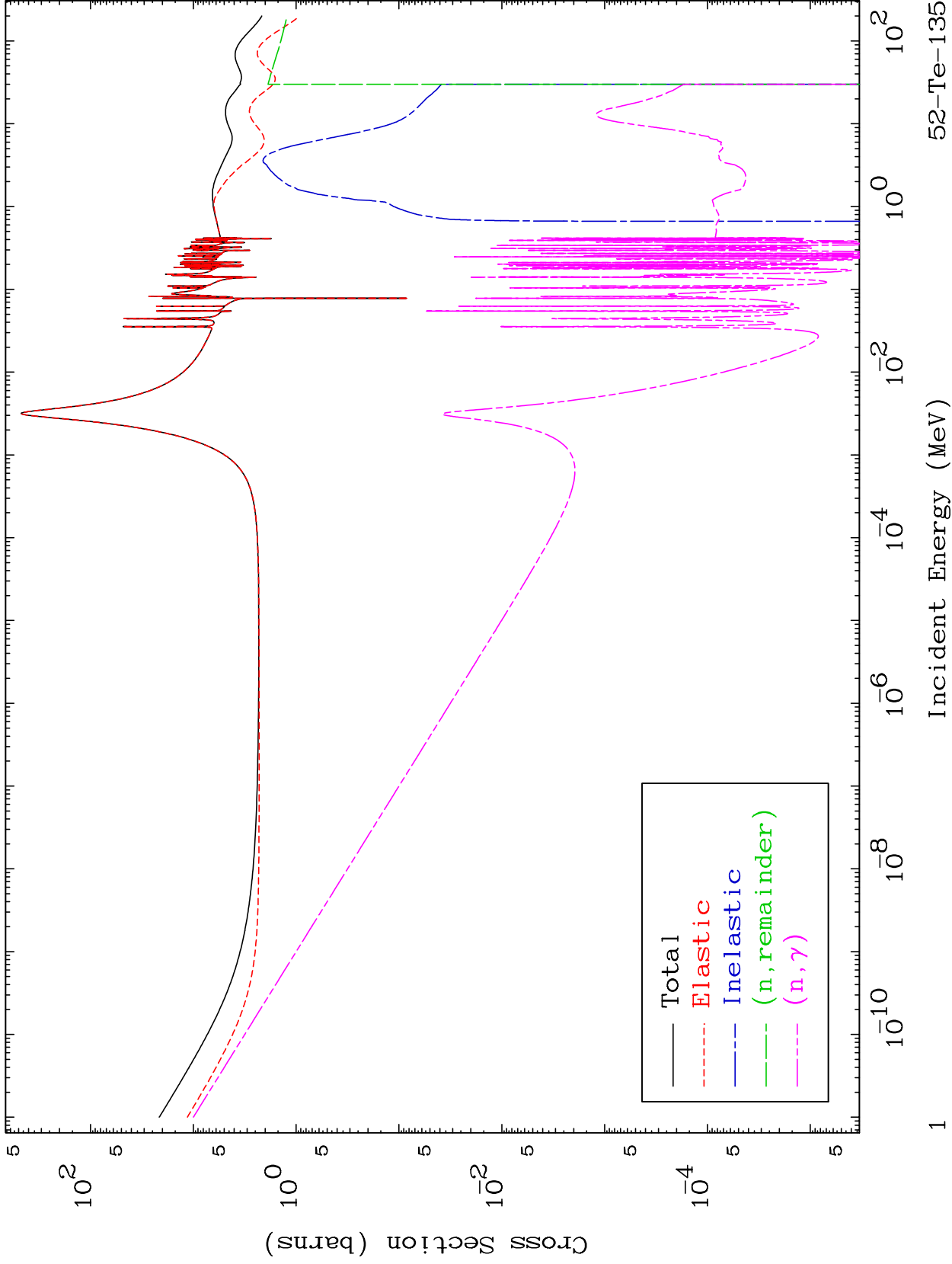
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5270

Major  
293 Kelvin Cross Sections

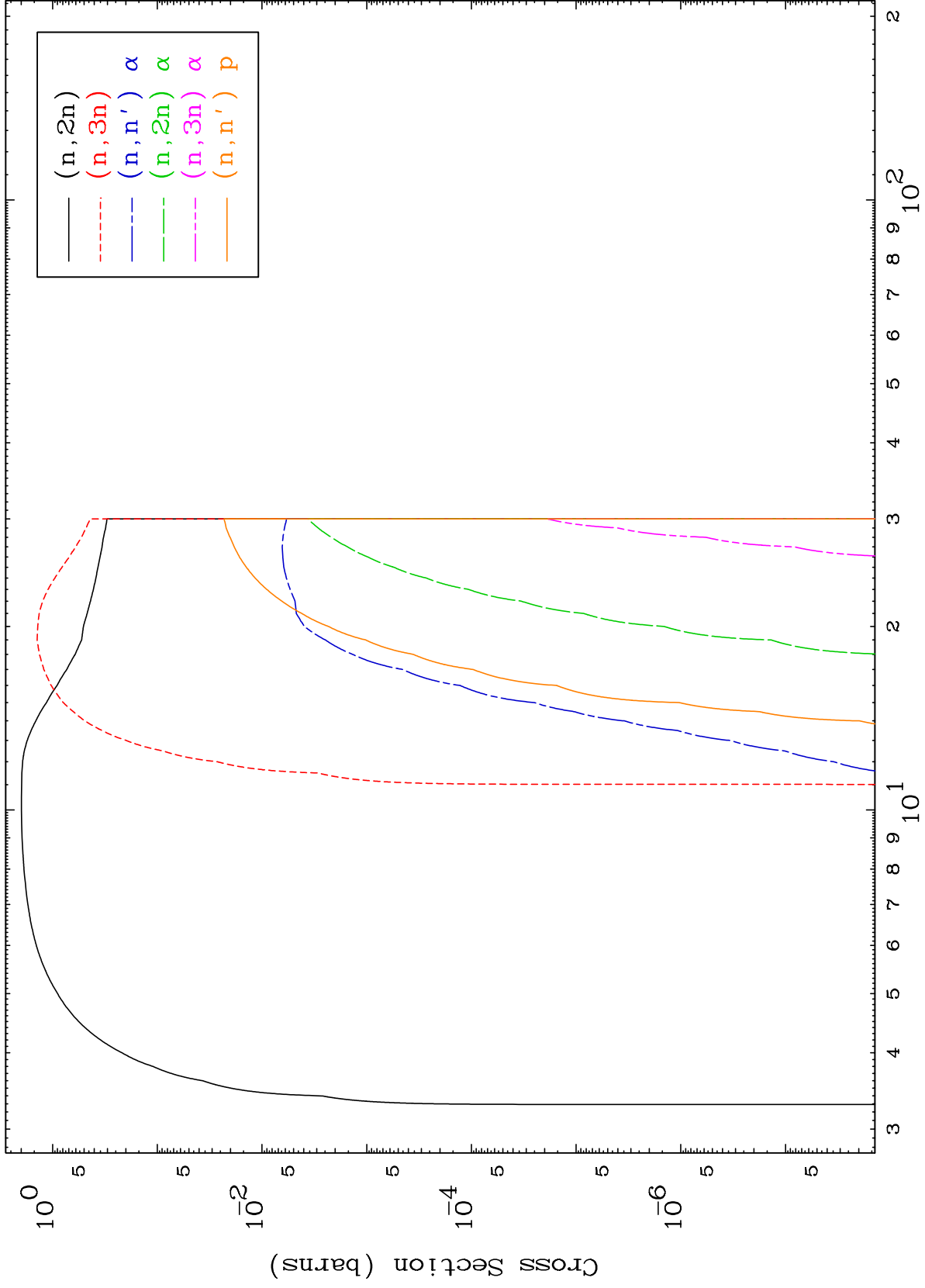
52-Te-135



MAT 5270

Neutron Production  
293 Kelvin Cross Sections

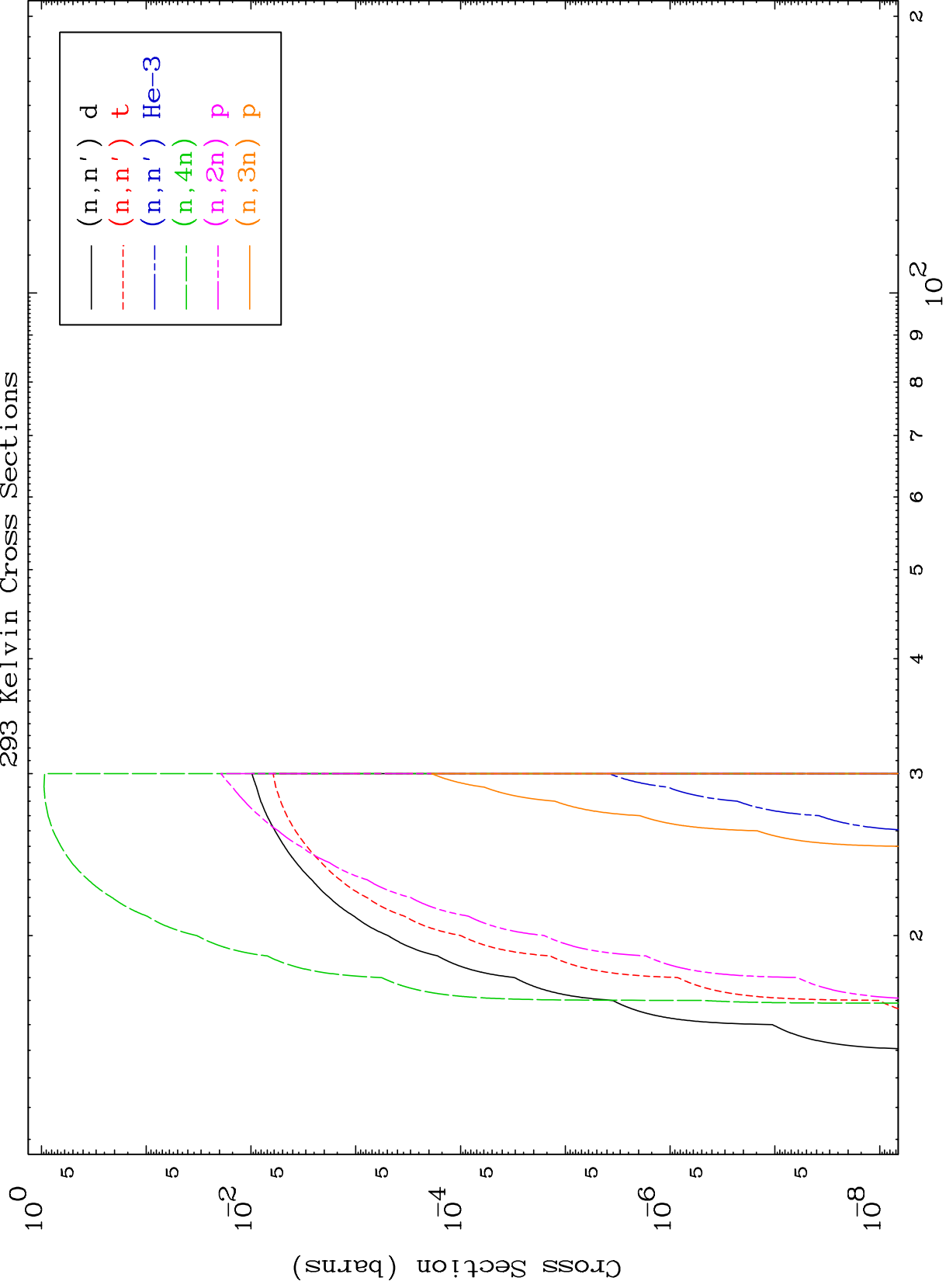
52-Te-135



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Incident Energy (MeV)

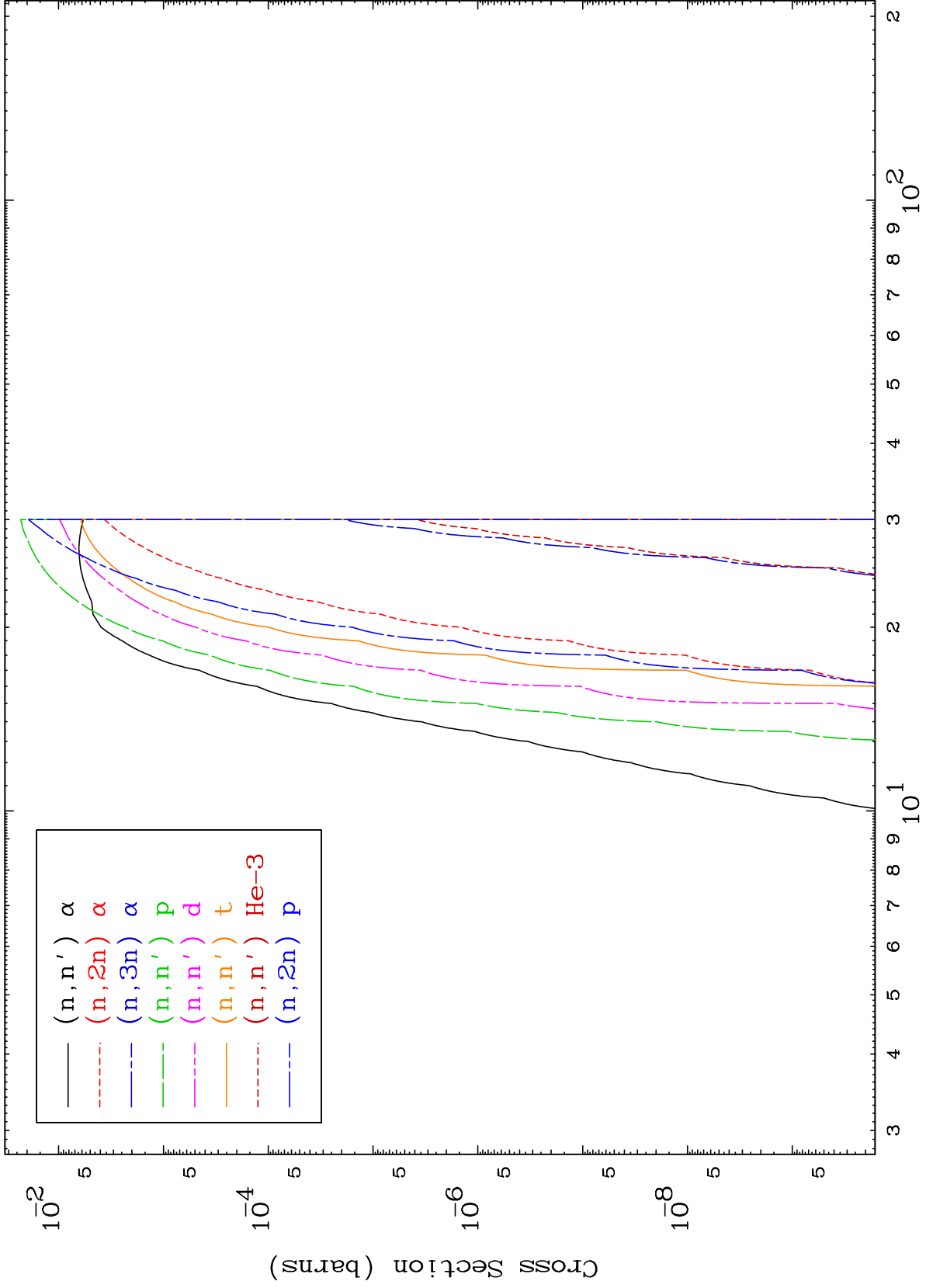
52-Te-135



MAT 5270

Charged Particle  
293 Kelvin Cross Sections

52-Te-135



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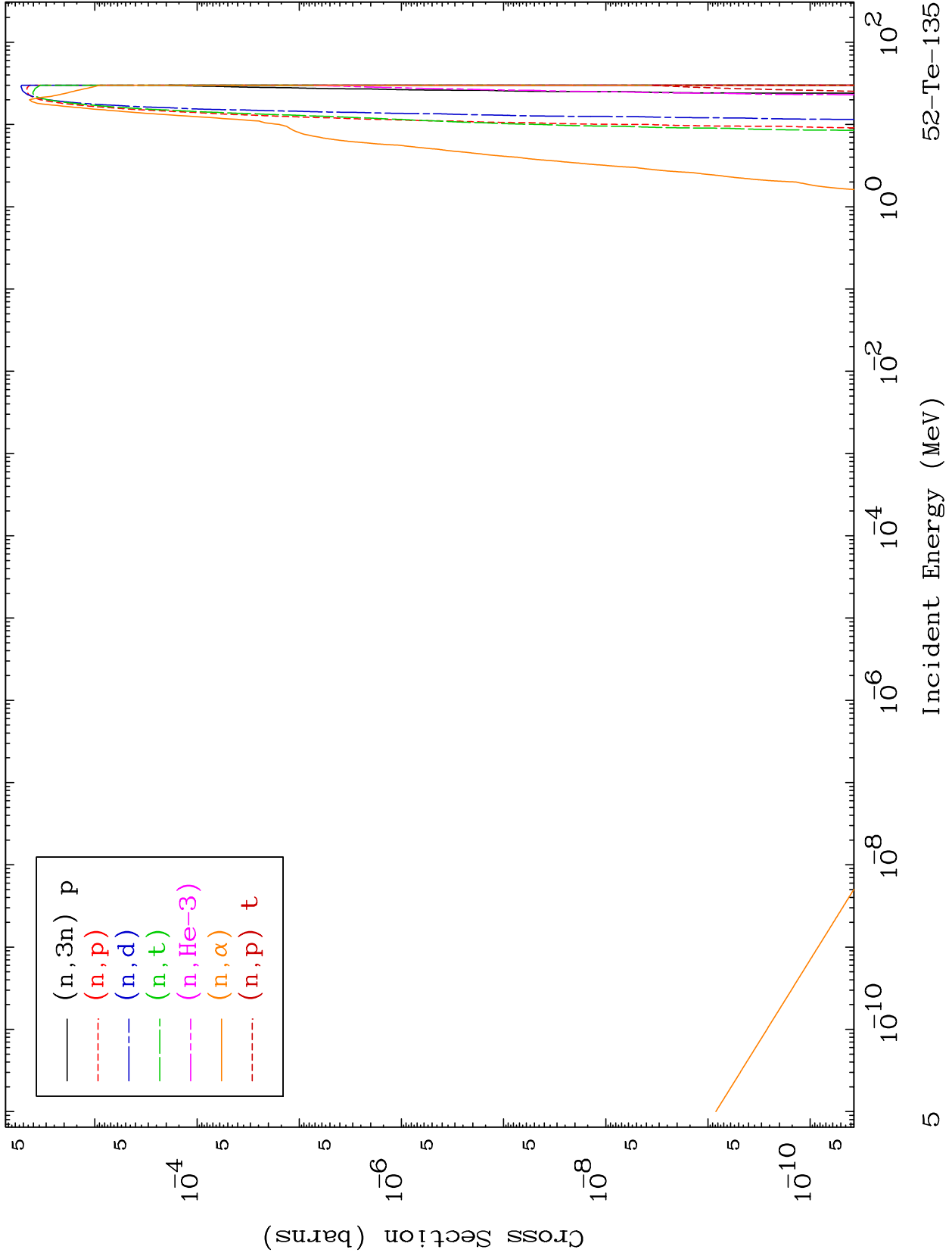
Incident Energy (MeV)

52-Te-135

MAT 5270

Charged Particle  
293 Kelvin Cross Sections

52-Te-135



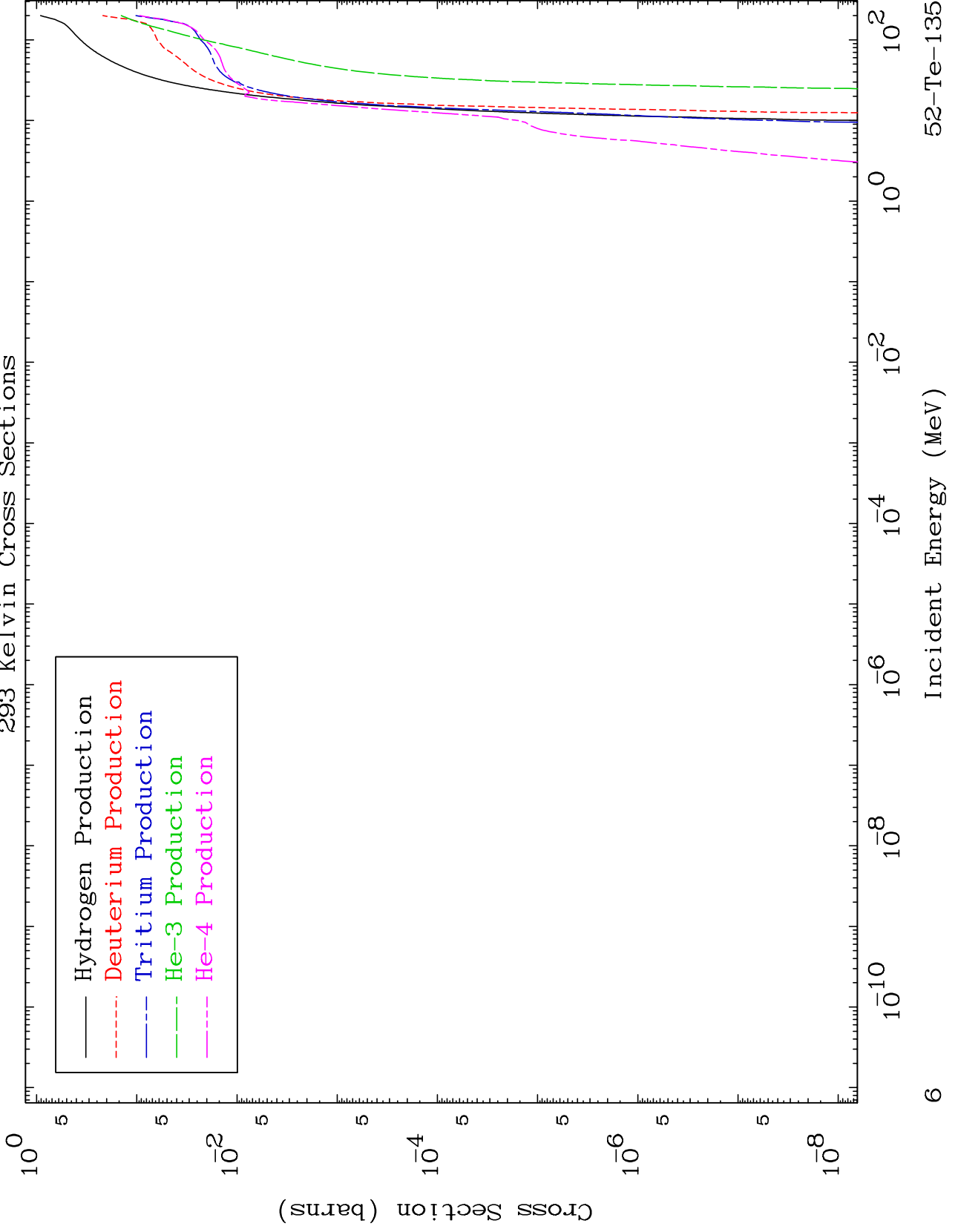
5

52-Te-135

MAT 5270

Particle Production  
293 Kelvin Cross Sections

52-Te-135

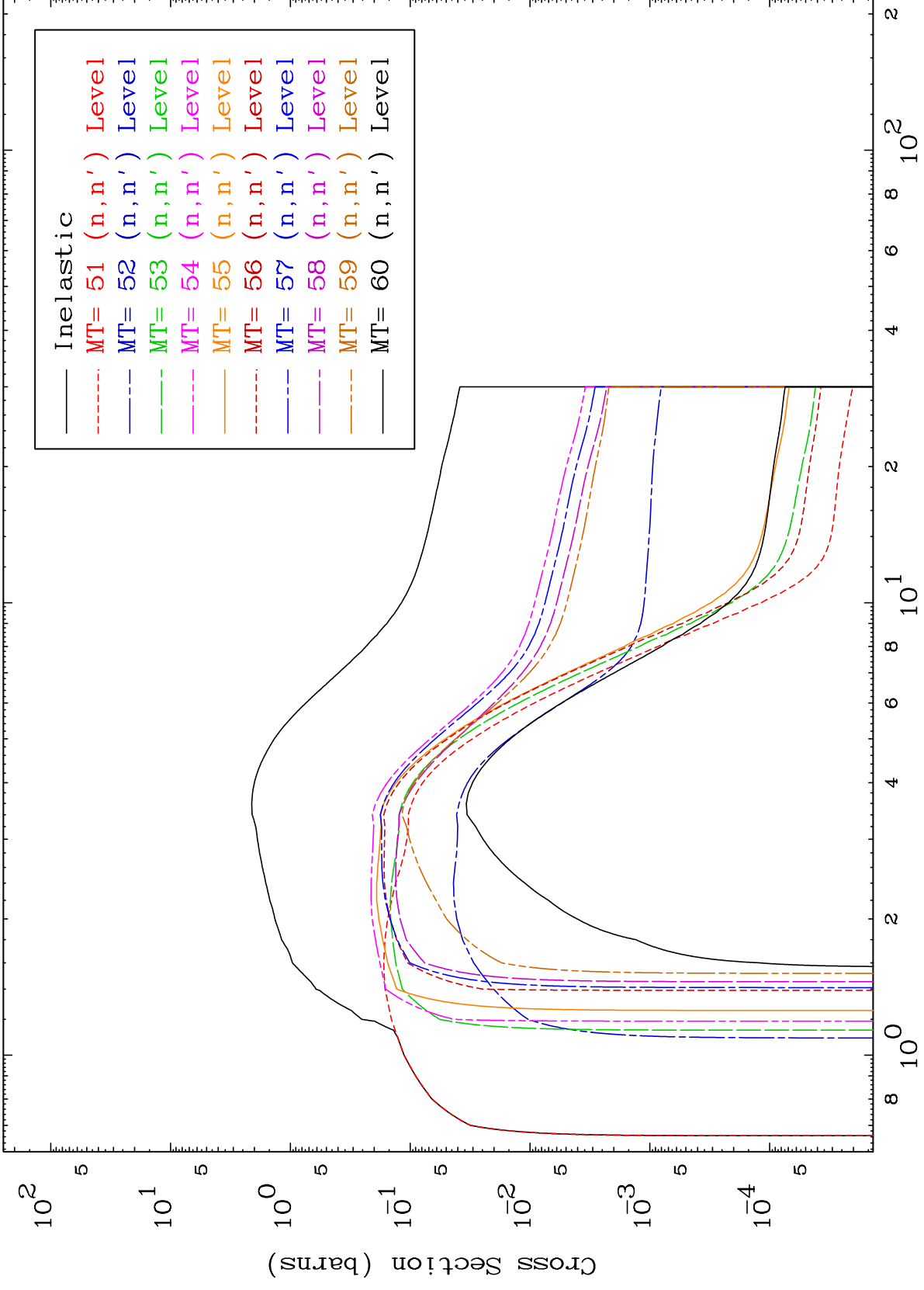


MAT 5270

(n,n') Level

52-Te-135

293 Kelvin Cross Sections



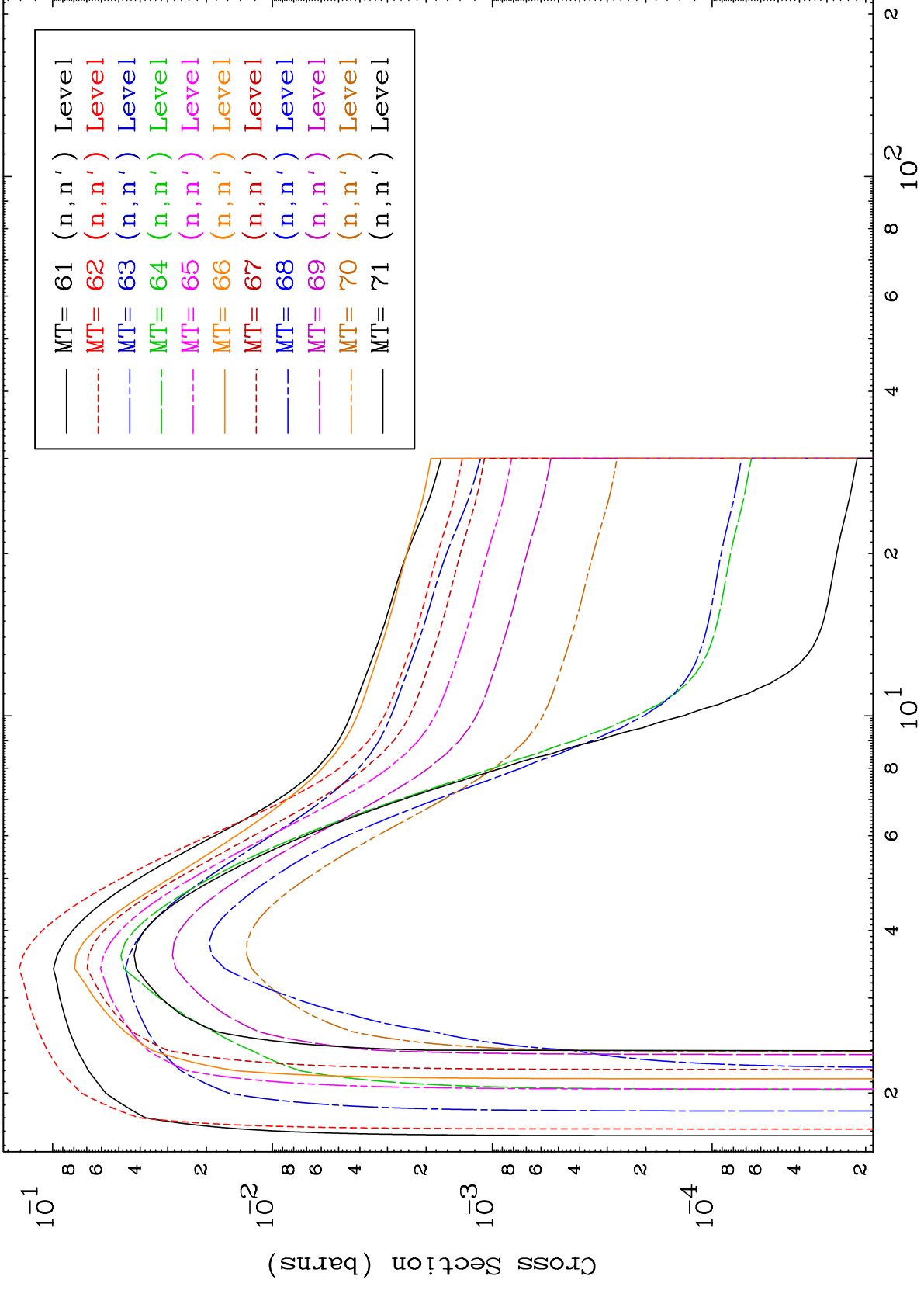


MAT 5270

(n,n') Level

52-Te-135

293 Kelvin Cross Sections

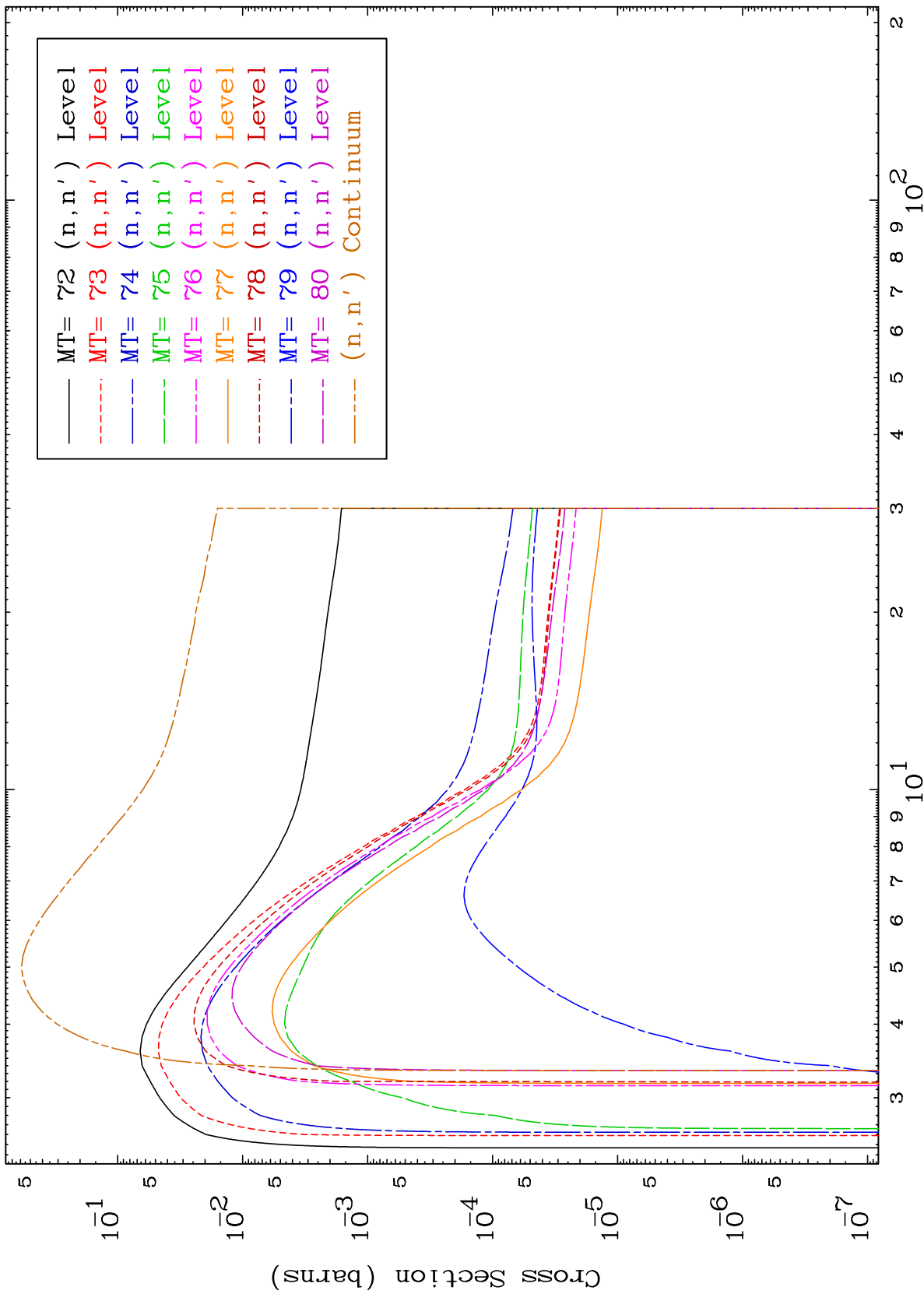


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Incident Energy (MeV)

52-Te-135

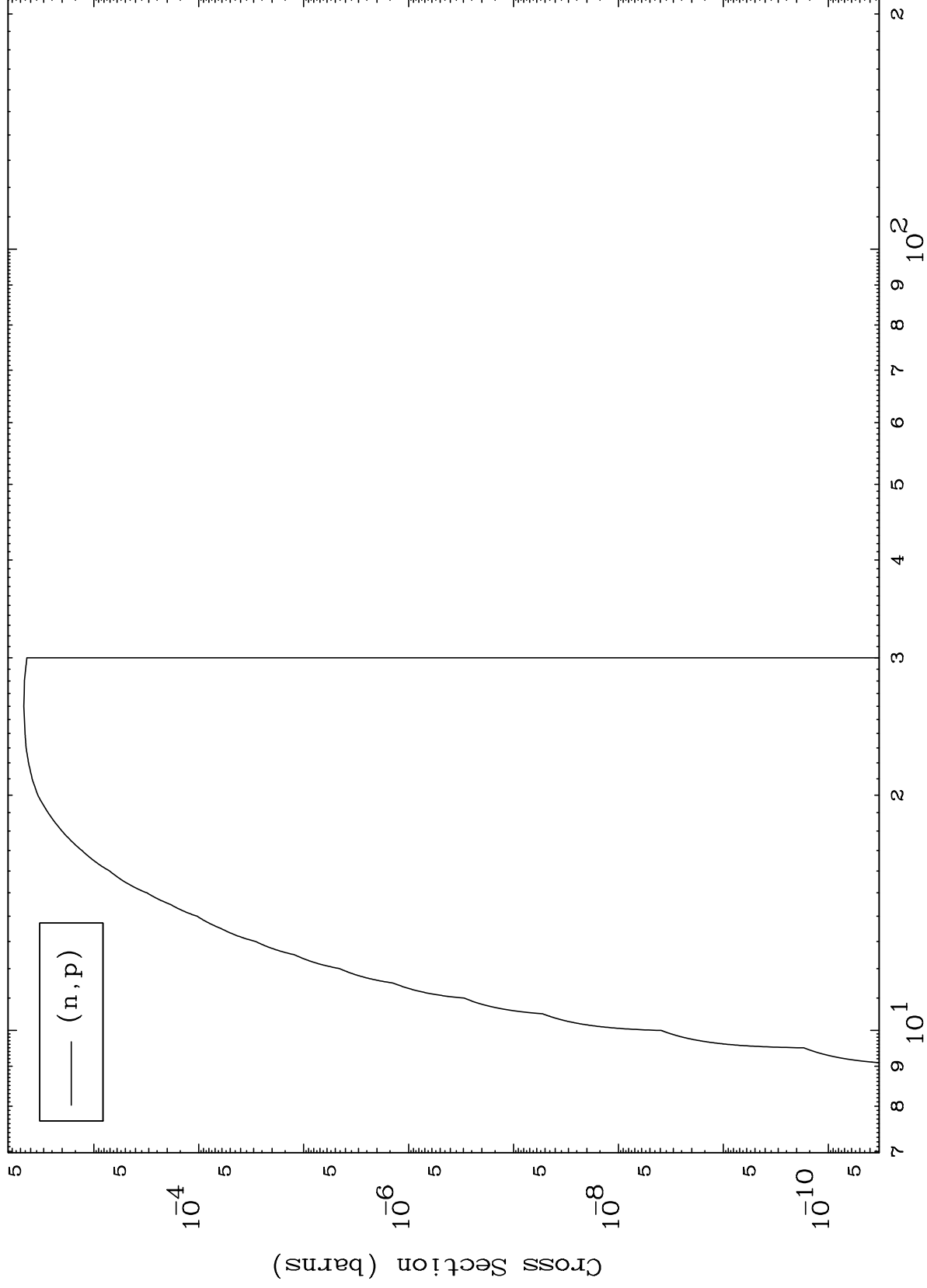
293 Kelvin Cross Sections



MAT 5270

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-135



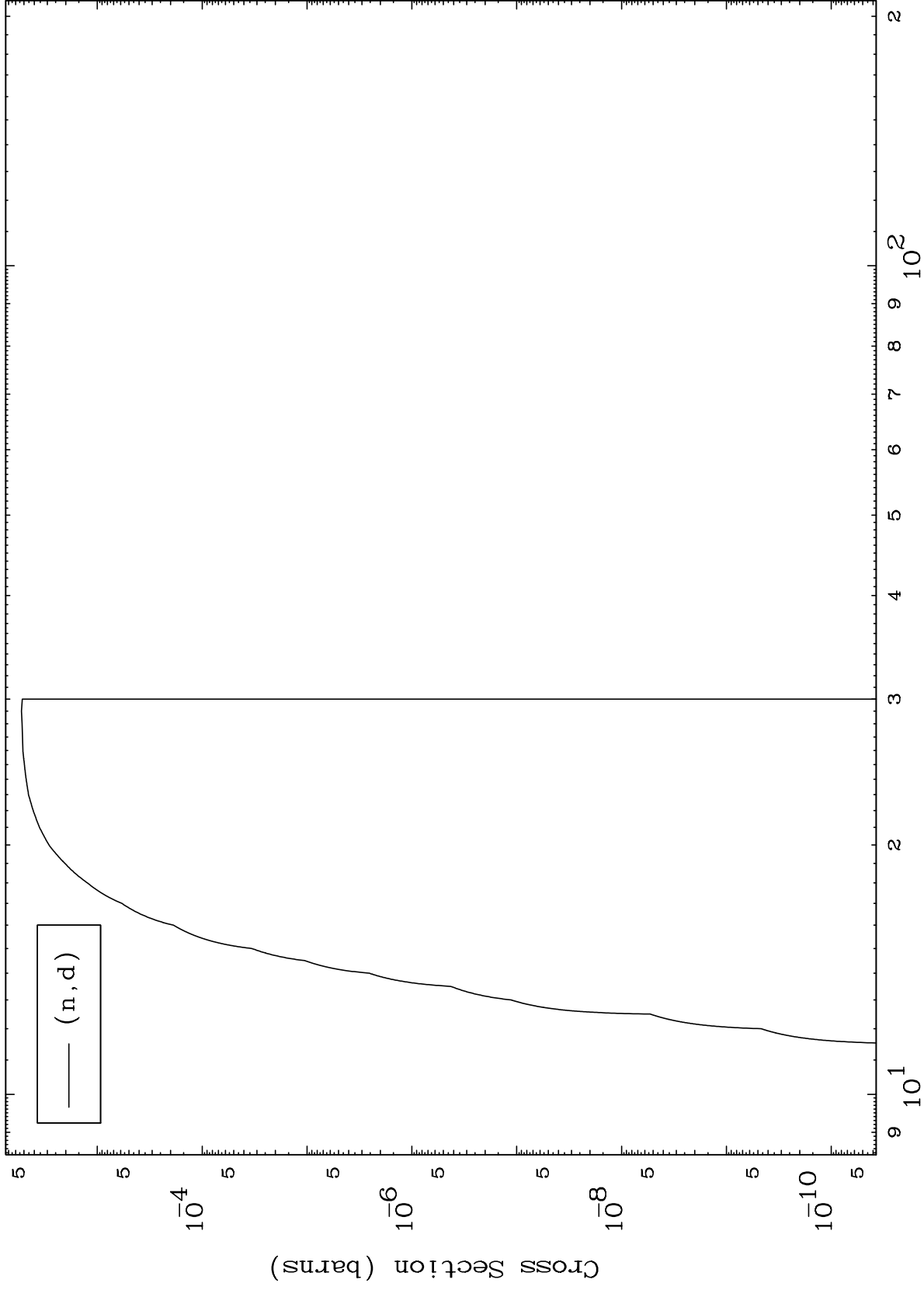
Incident Energy (MeV)

52-Te-135

MAT 5270

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-135



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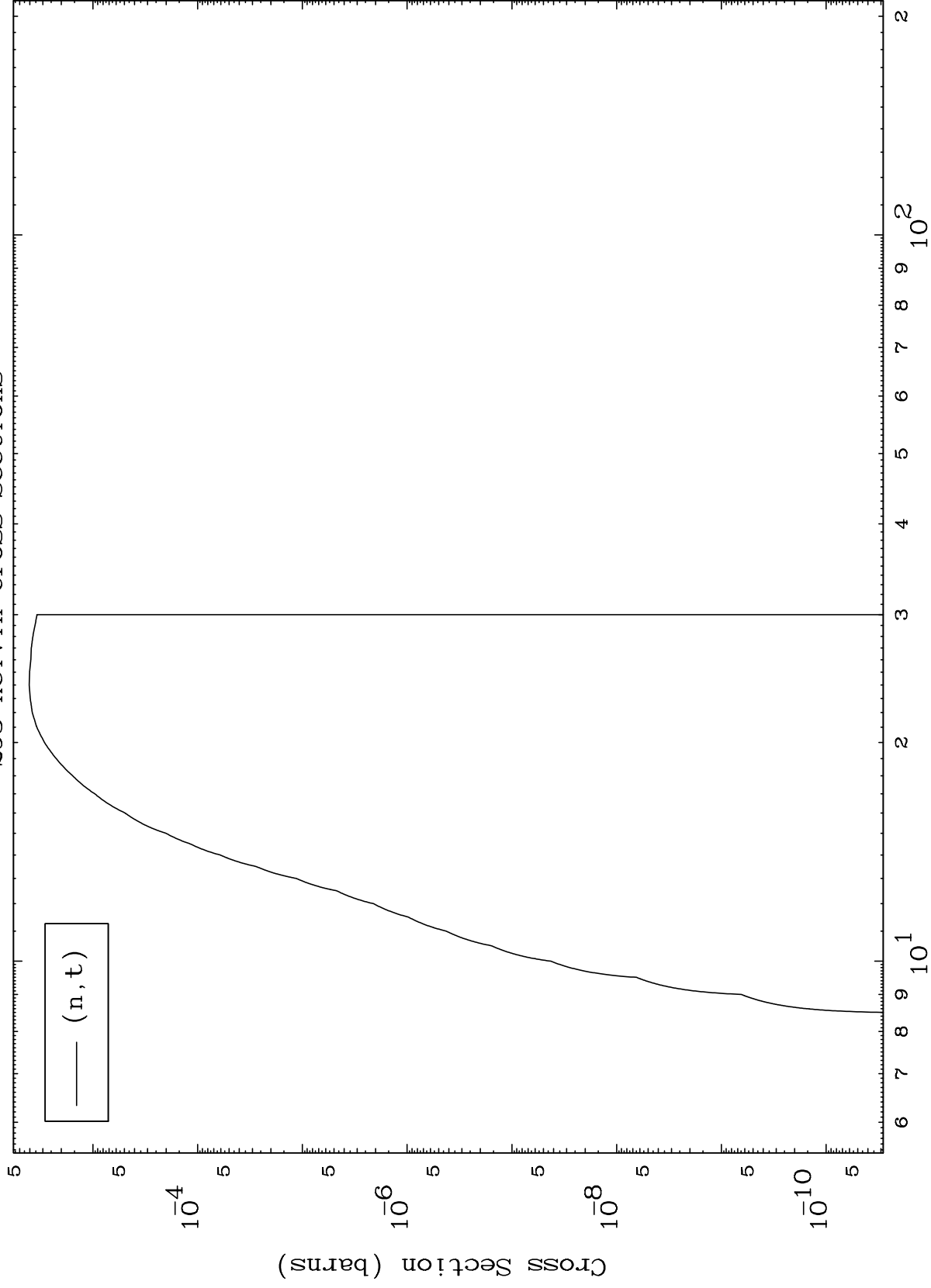
Incident Energy (MeV)

52-Te-135

MAT 5270

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-135



12

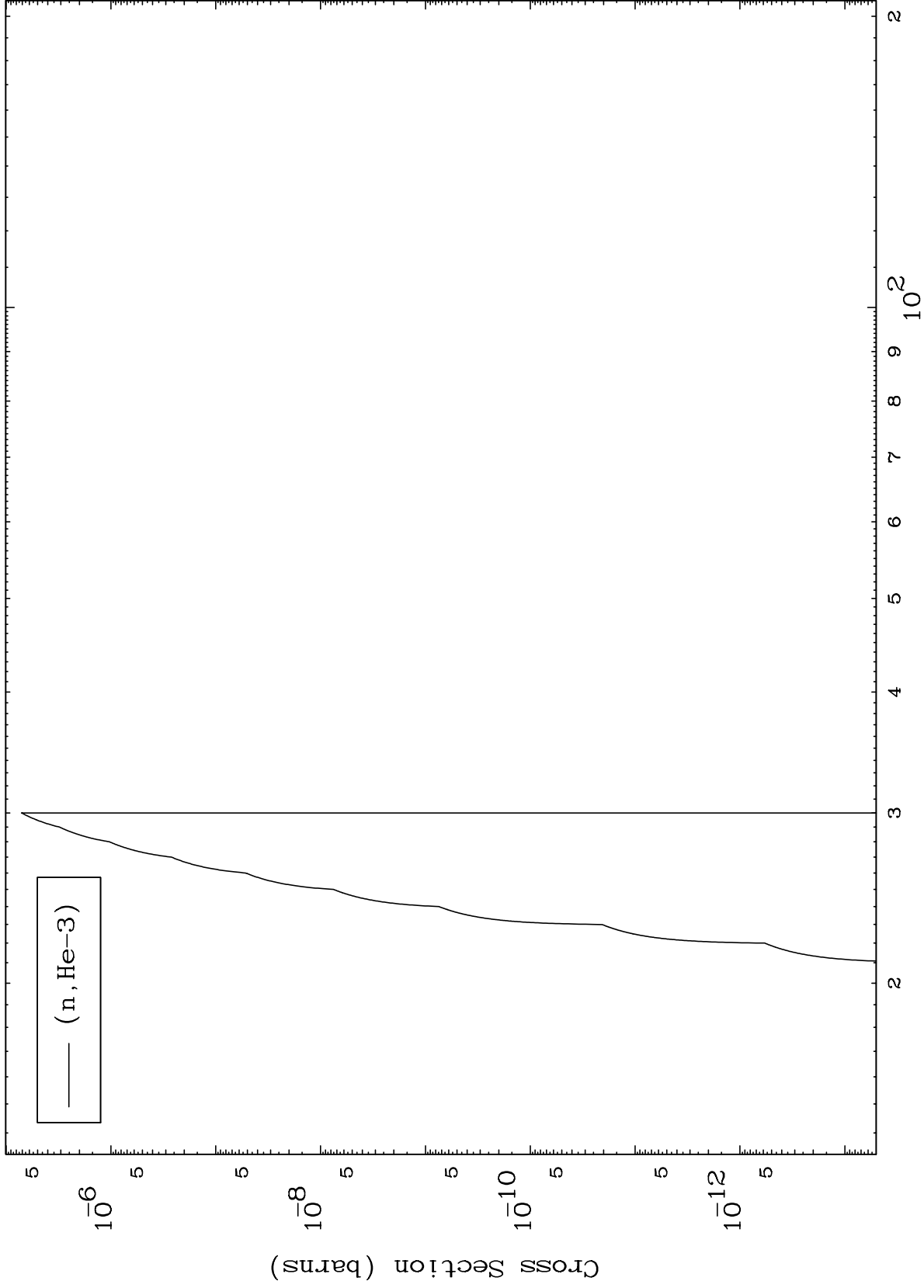
Incident Energy (MeV)

52-Te-135

MAT 5270

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-135



13

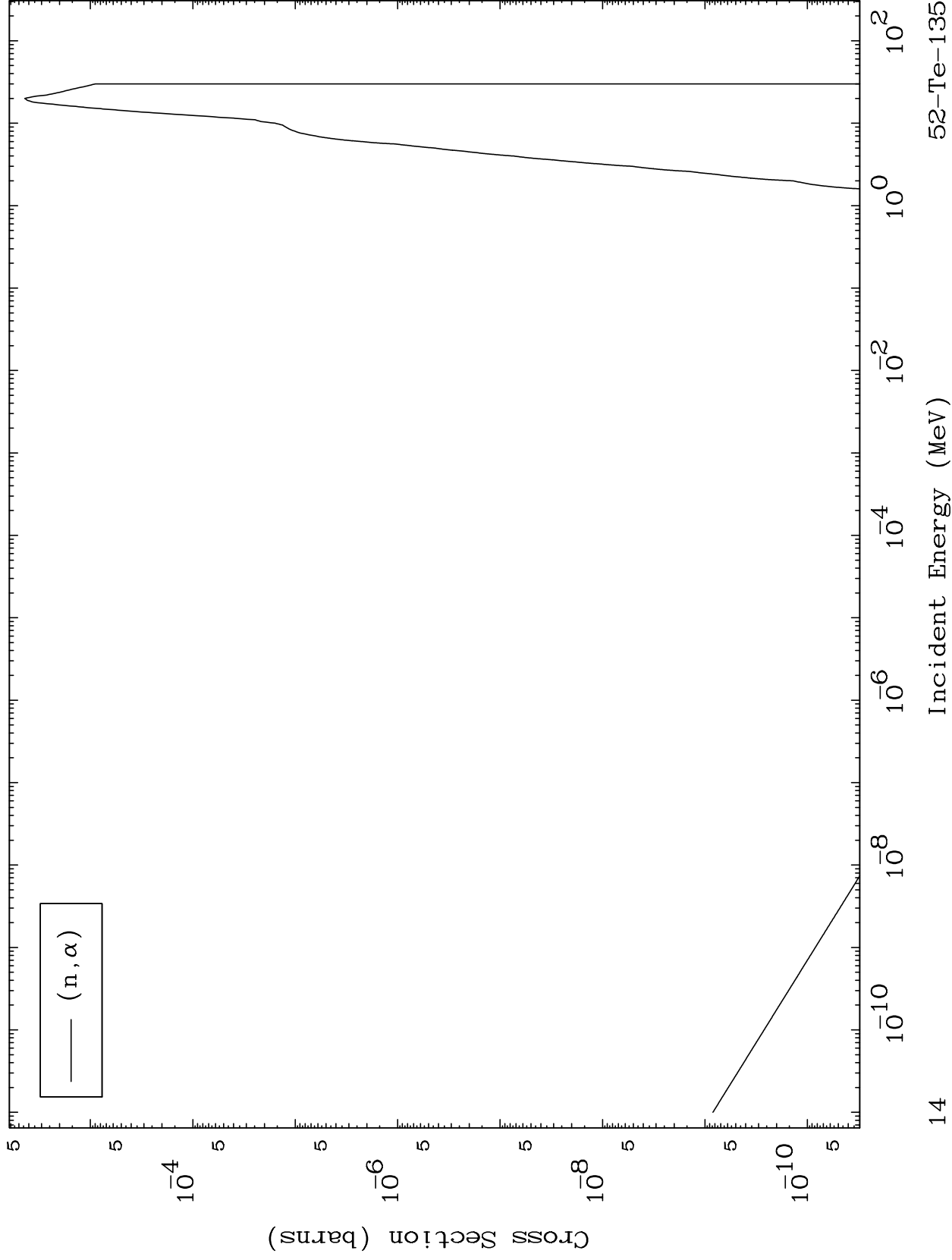
Incident Energy (MeV)

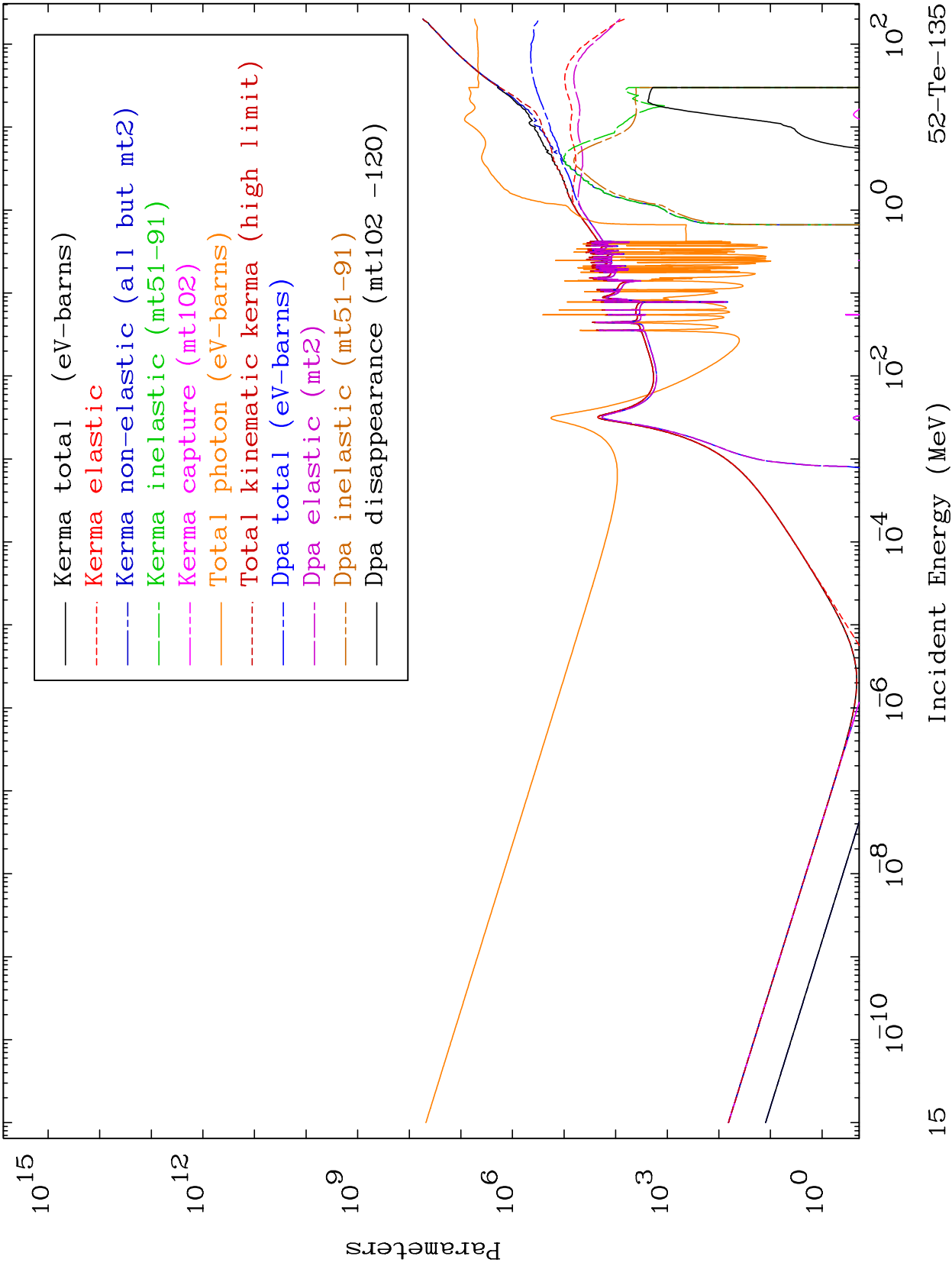
52-Te-135

MAT 5270

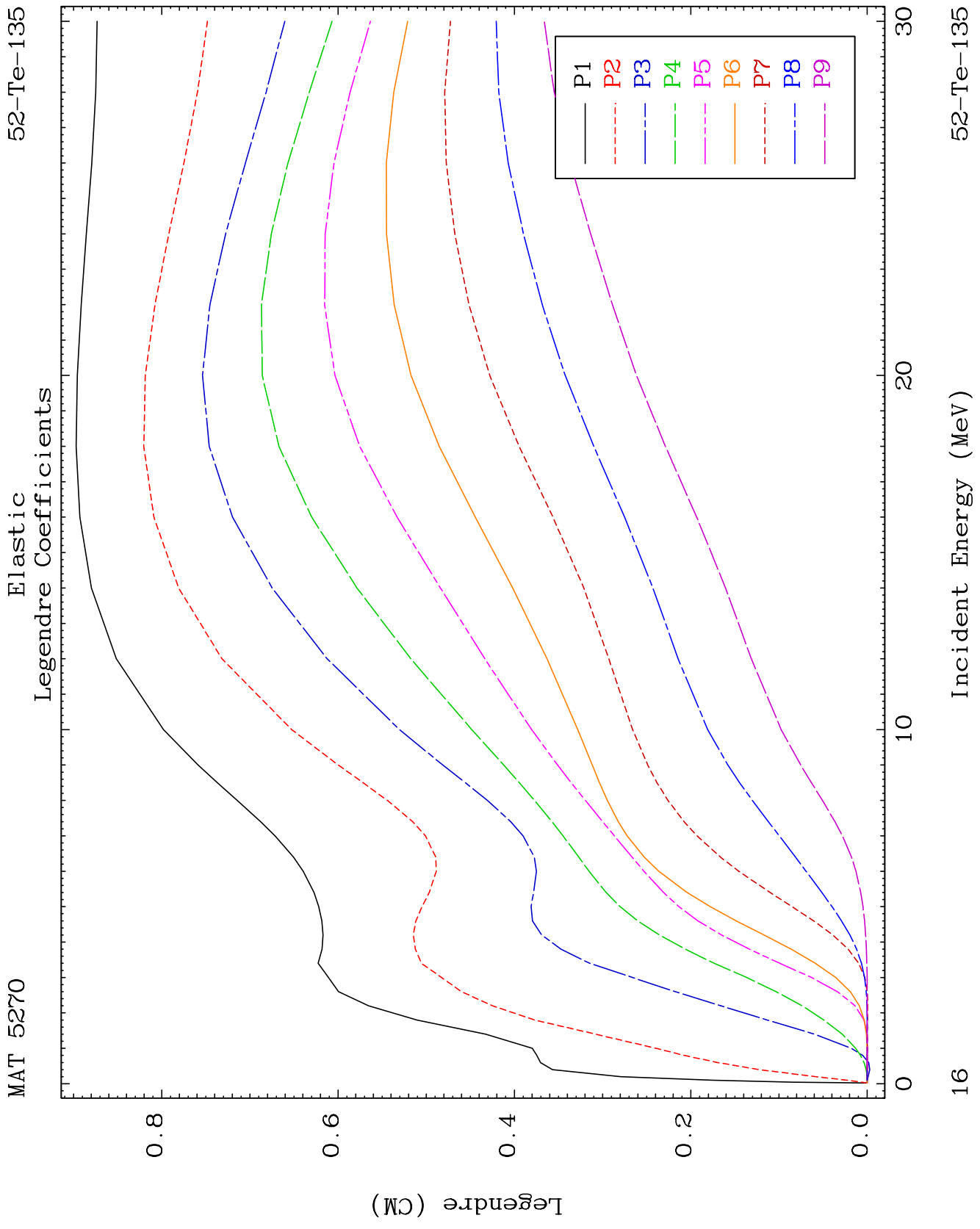
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

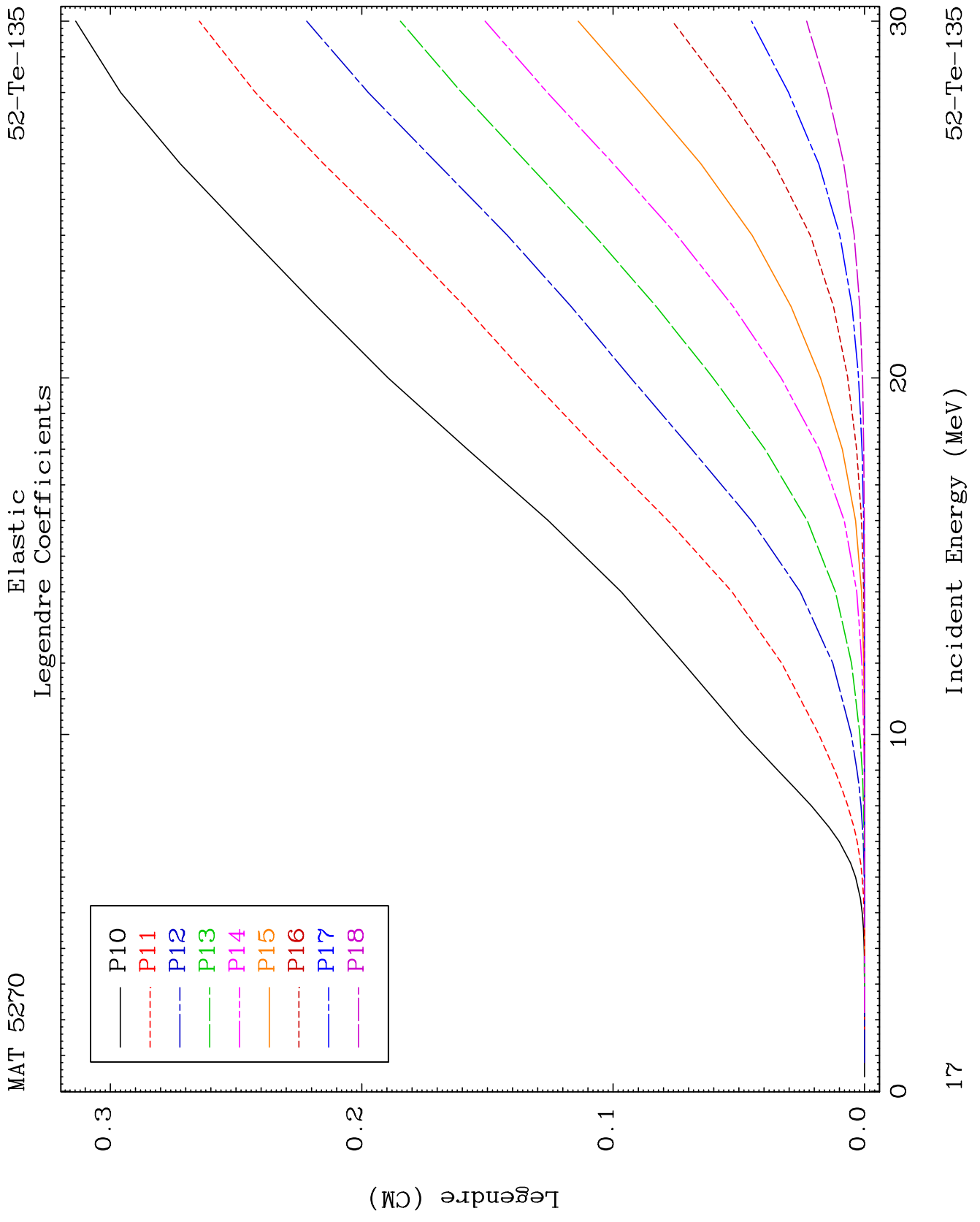
52-Te-135







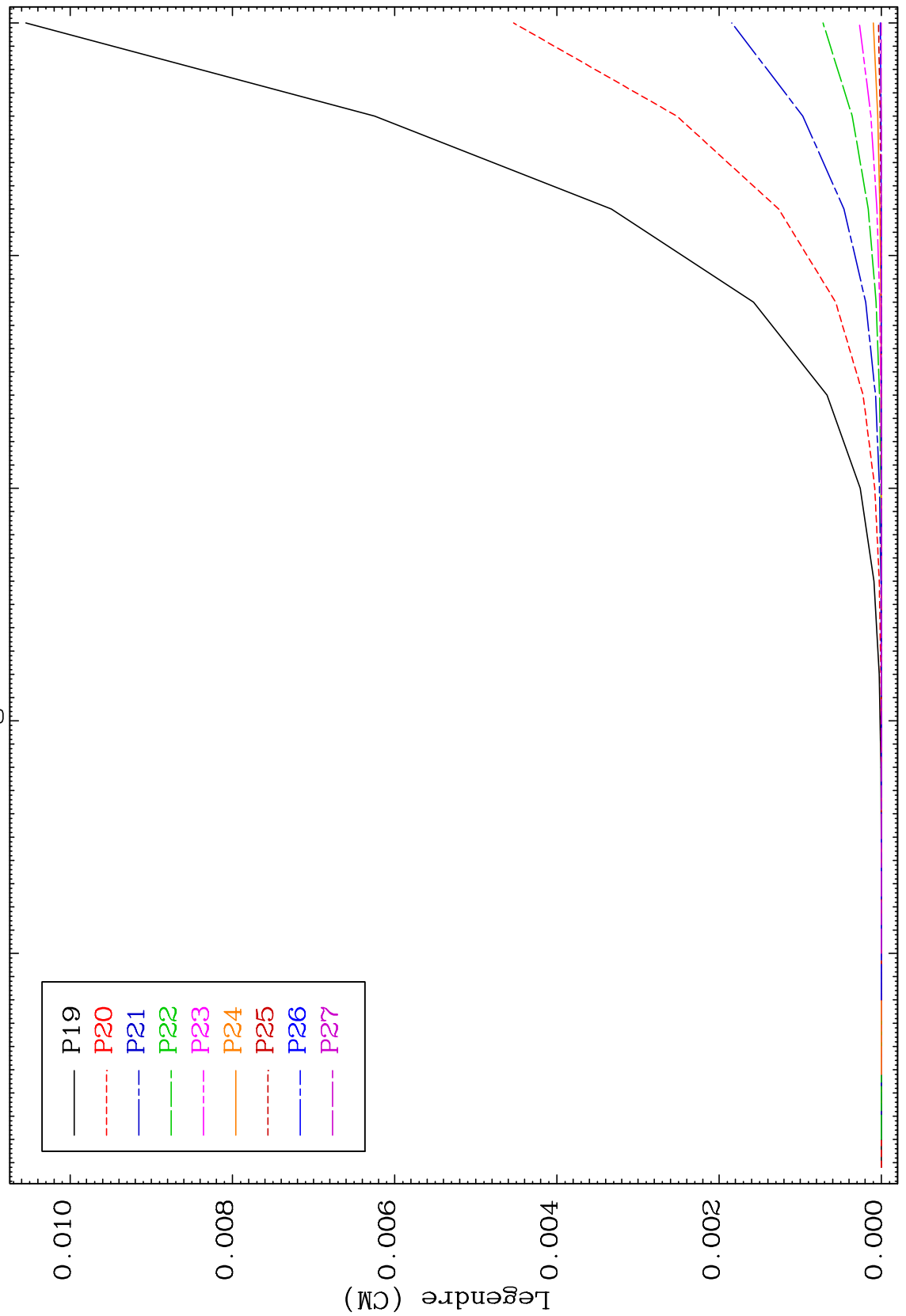




MAT 5270

Elastic Legendre Coefficients

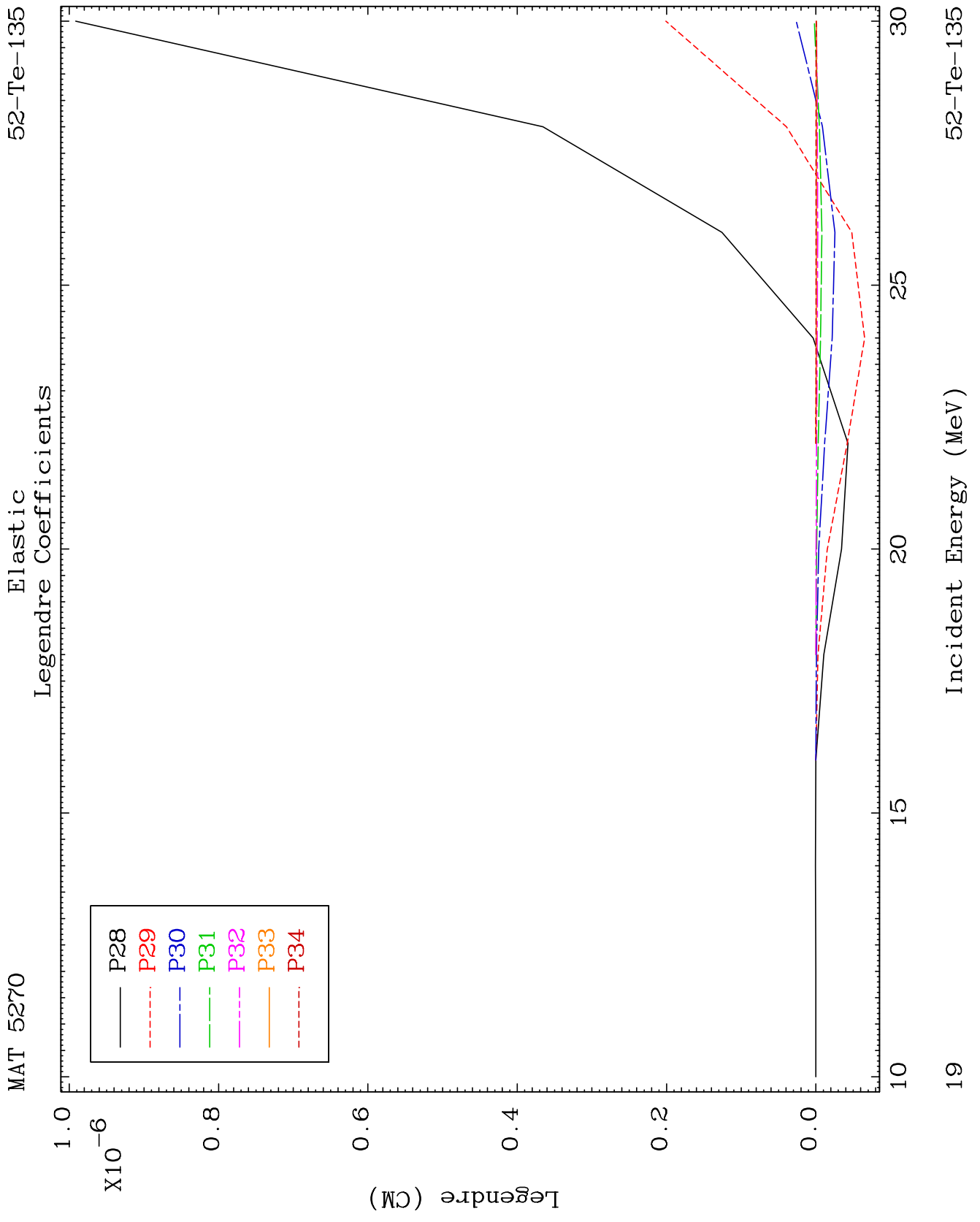
52-Te-135

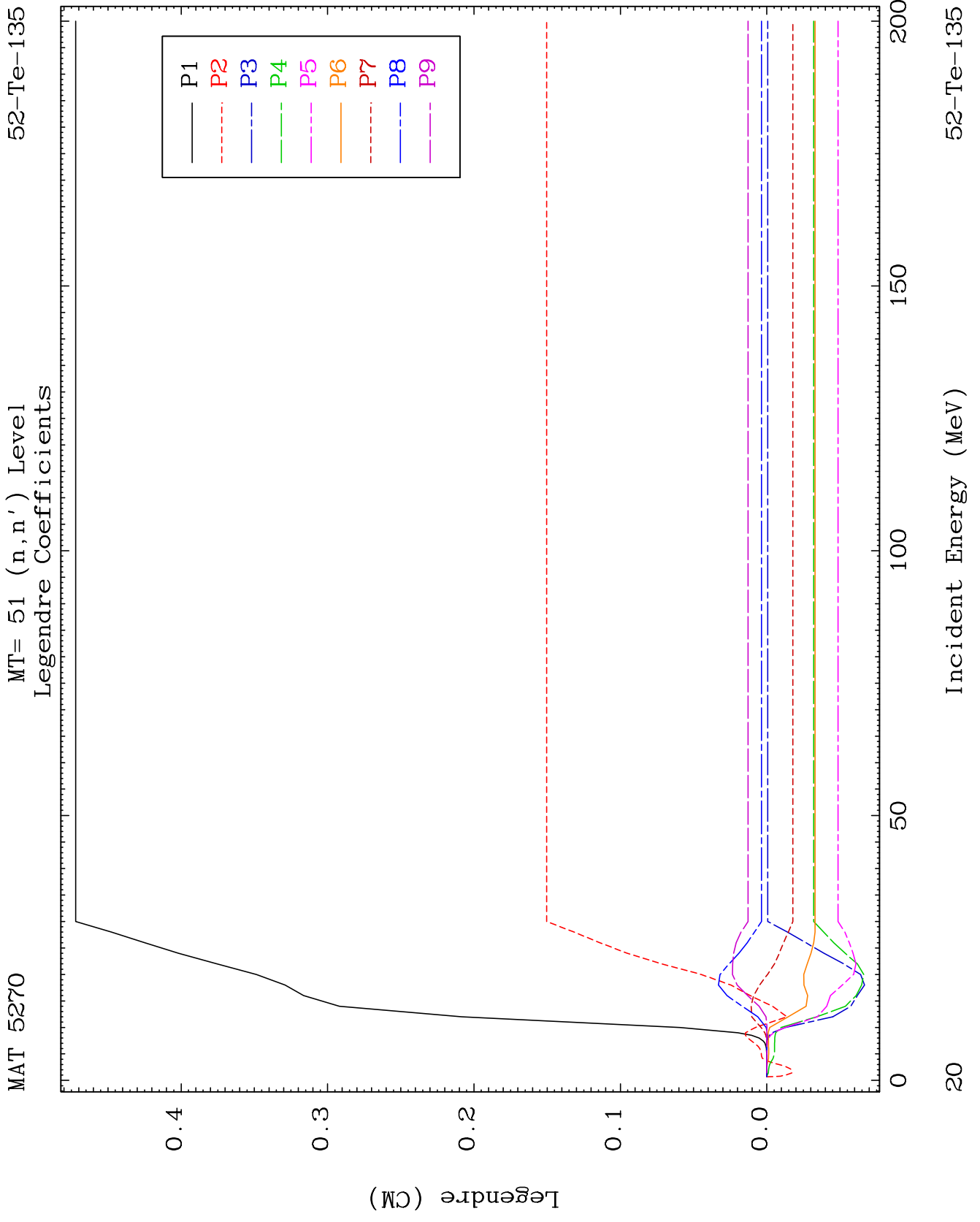


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Incident Energy (MeV)

52-Te-135



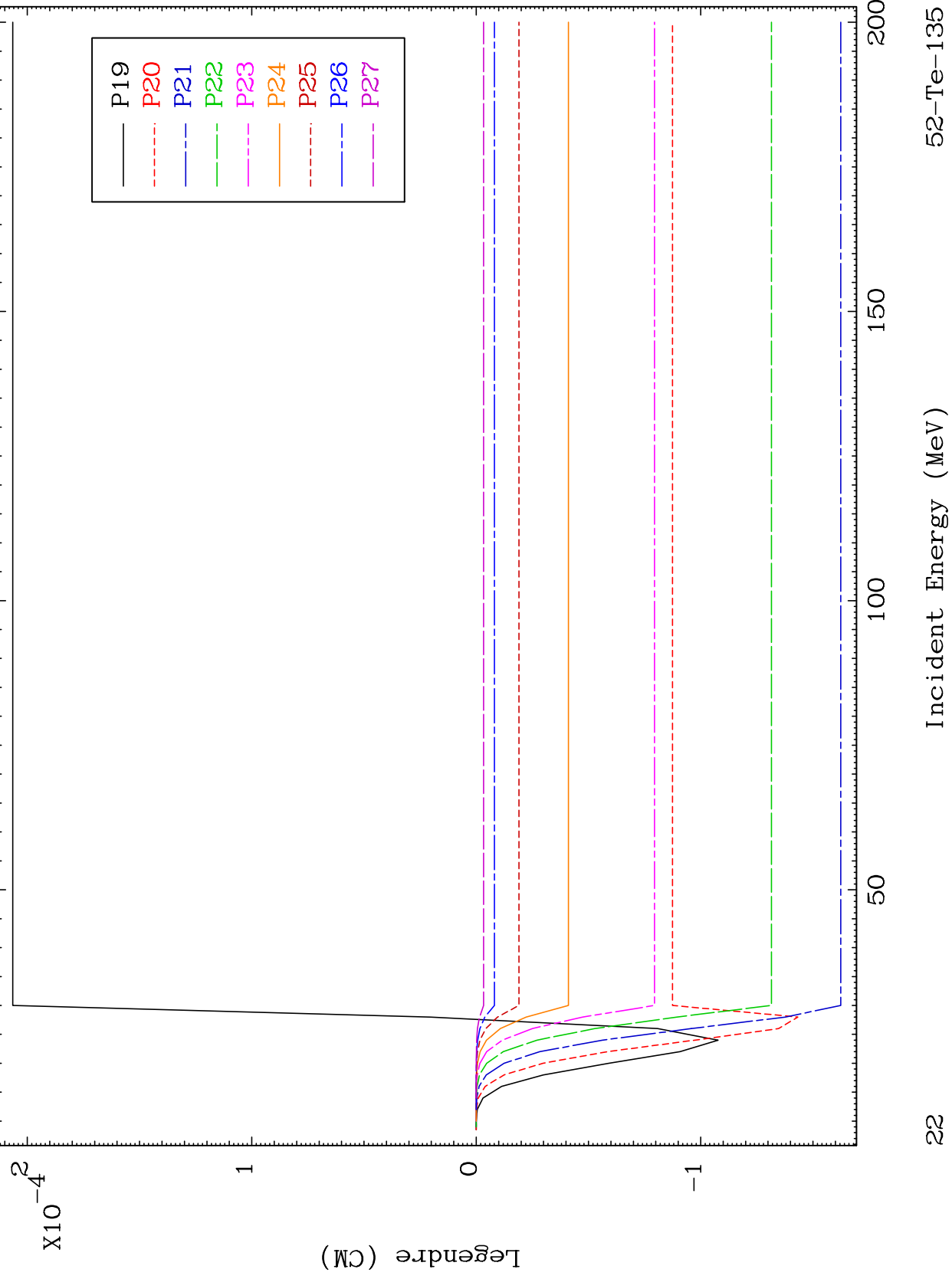




MAT 5270

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

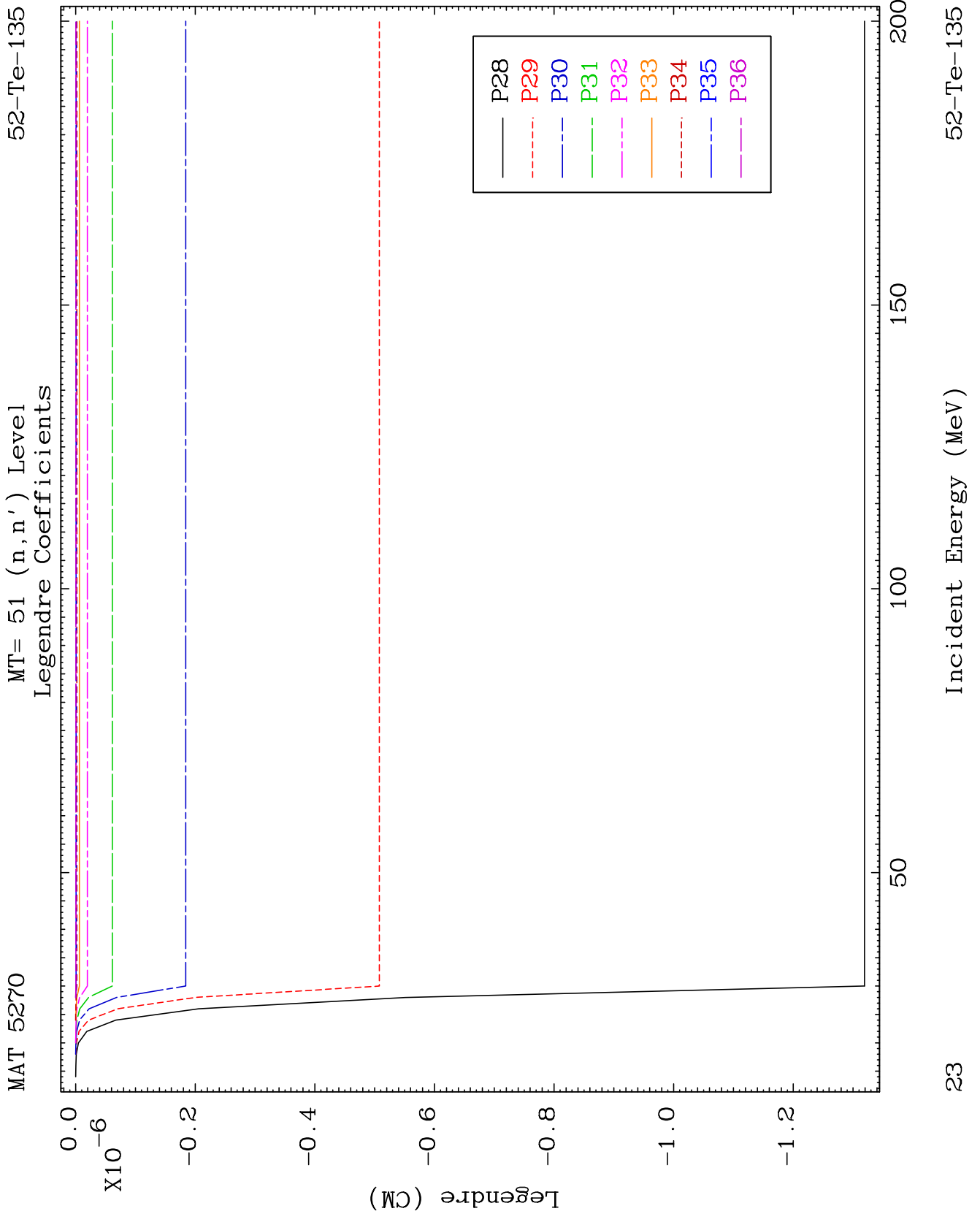
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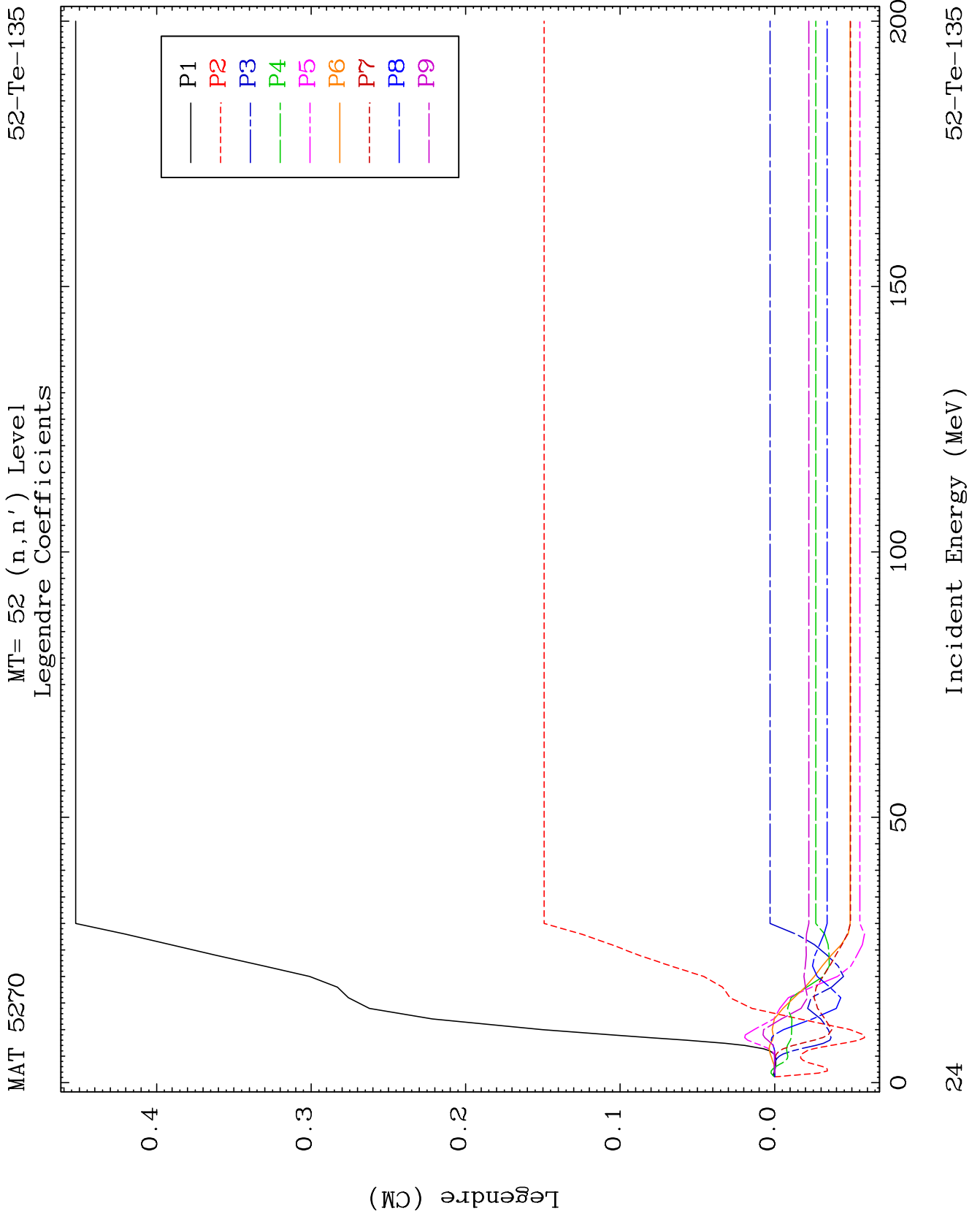
22

Incident Energy (MeV)

52-Te-135





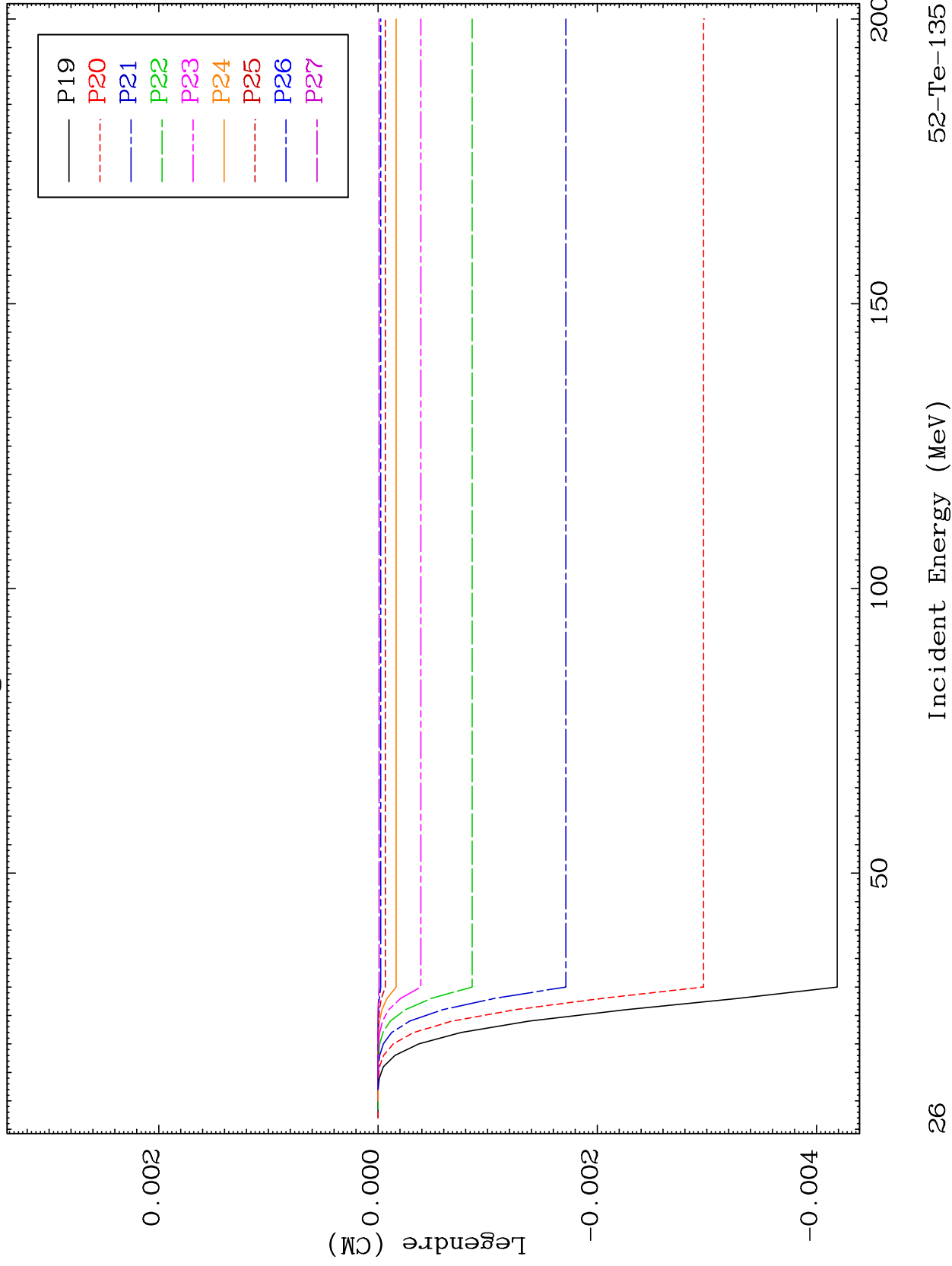




MAT 5270

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

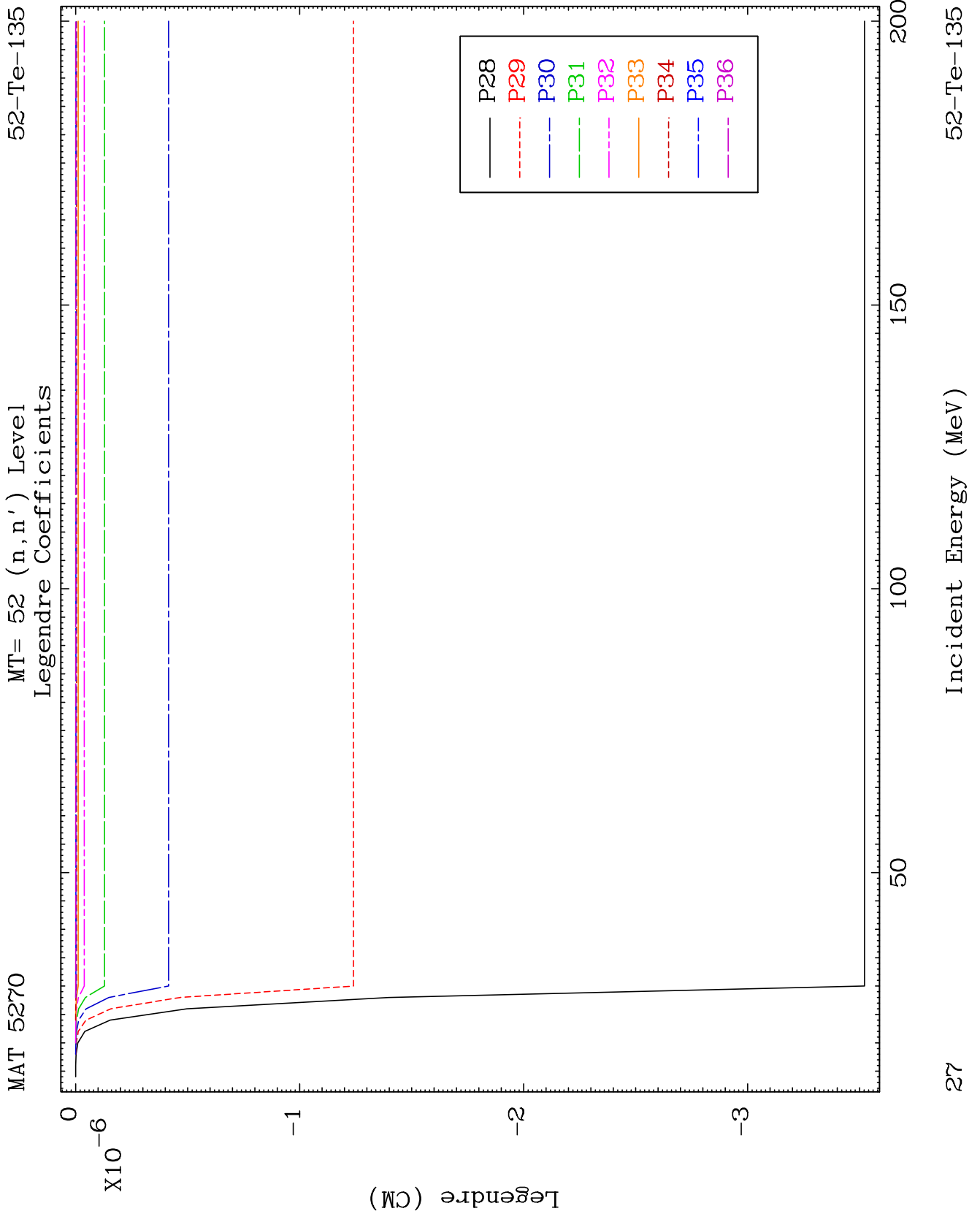
52-Te-135

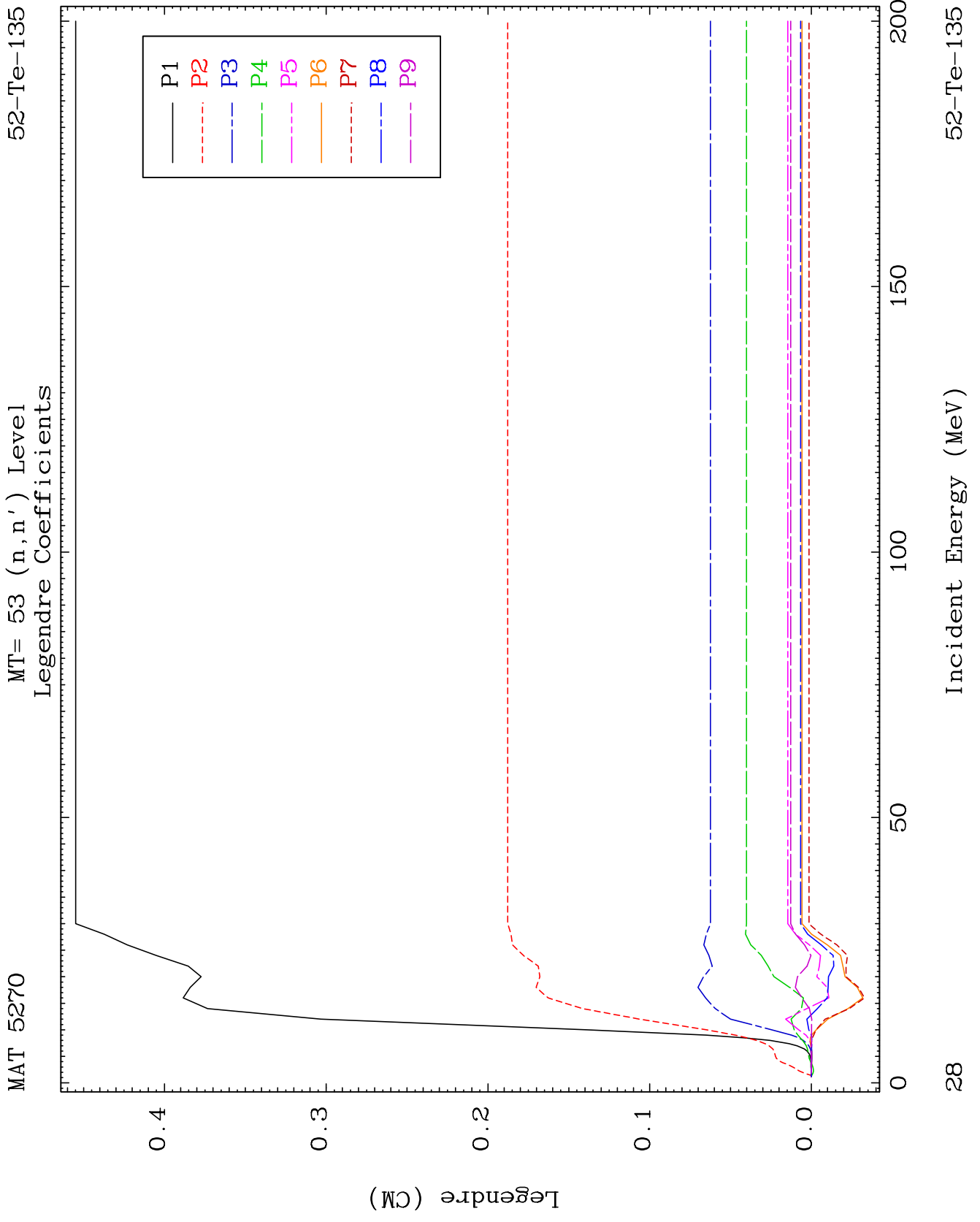


26

Incident Energy (MeV)

52-Te-135

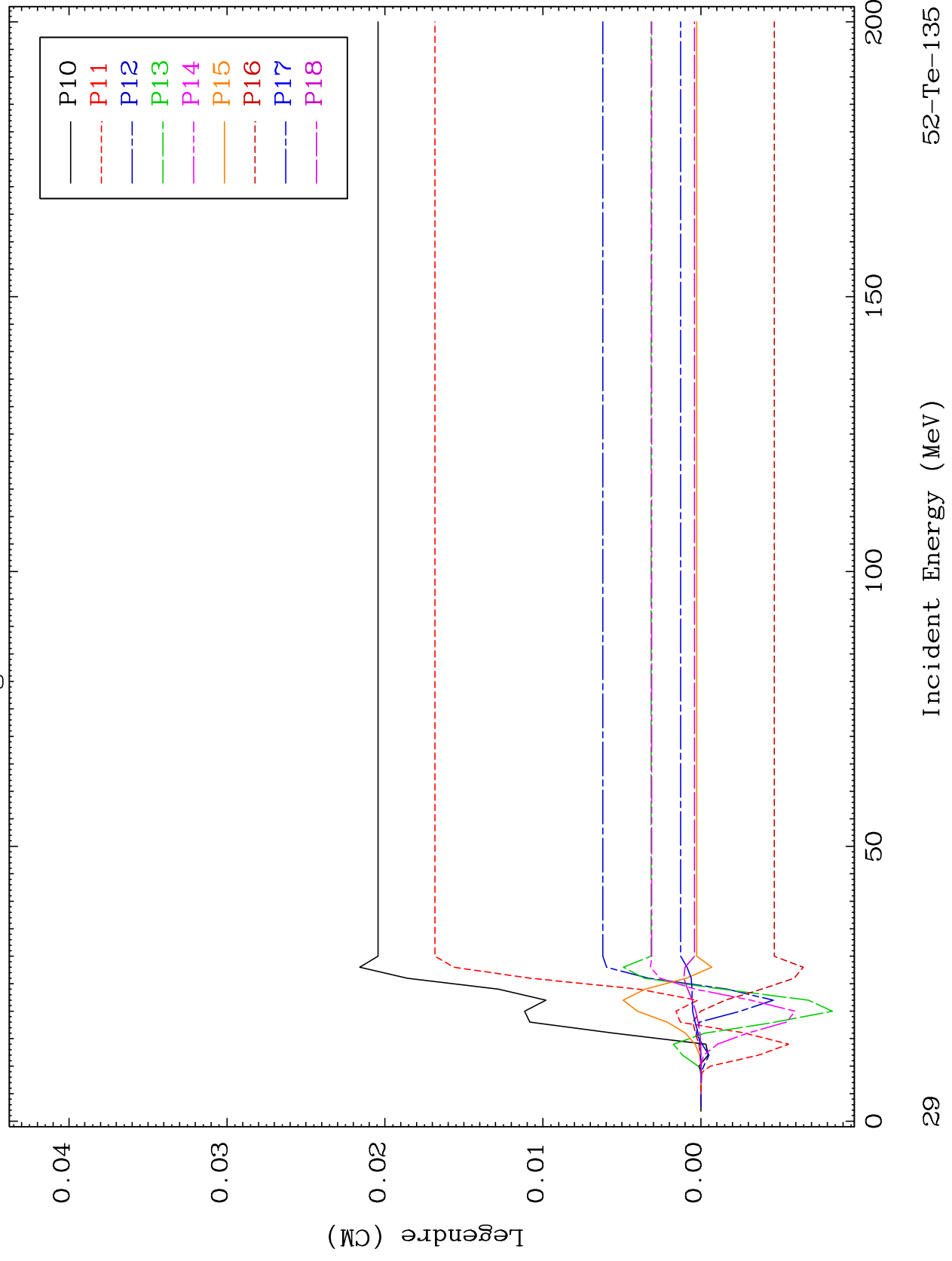




MAT 5270

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

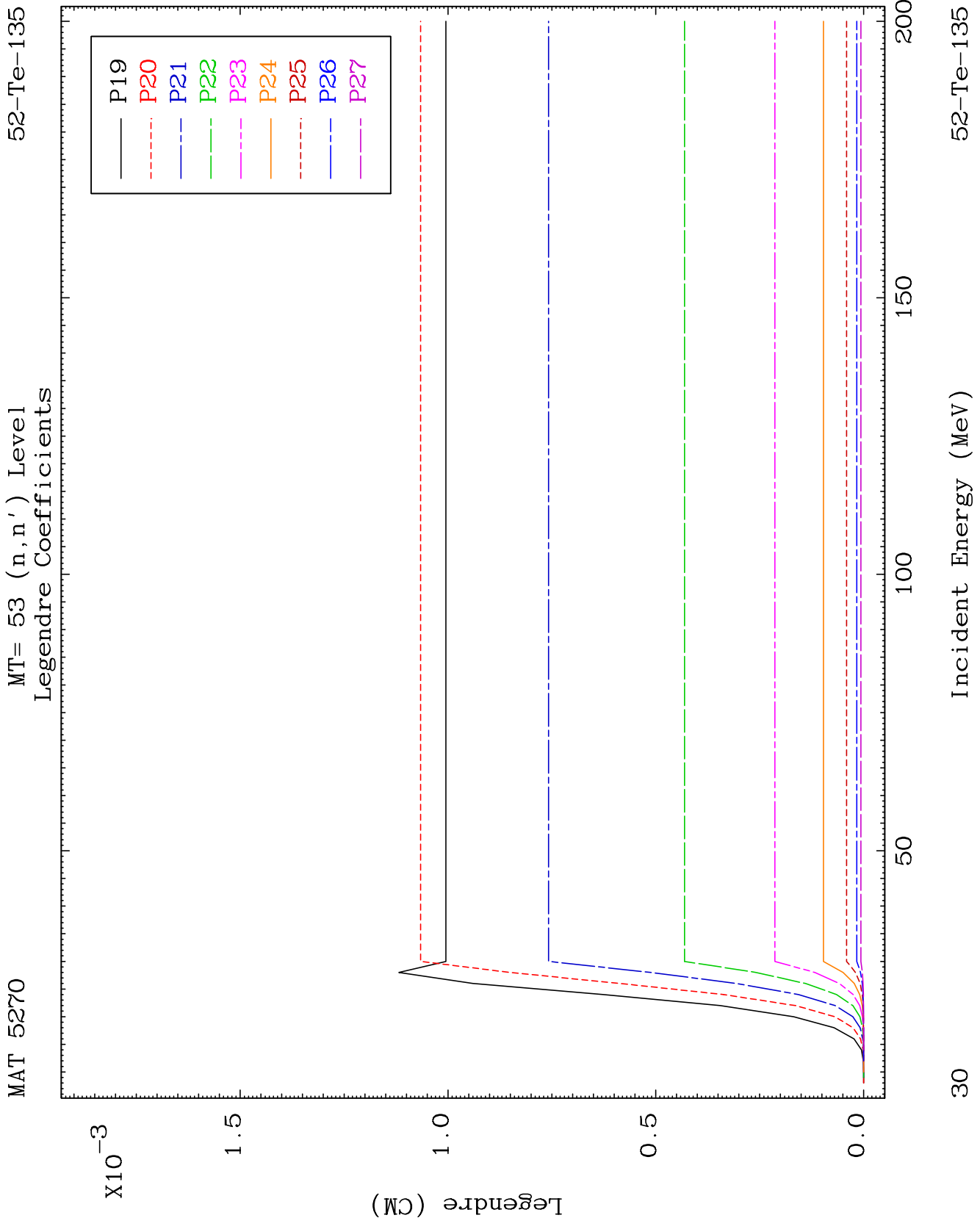
52-Te-135



29

Incident Energy (MeV)

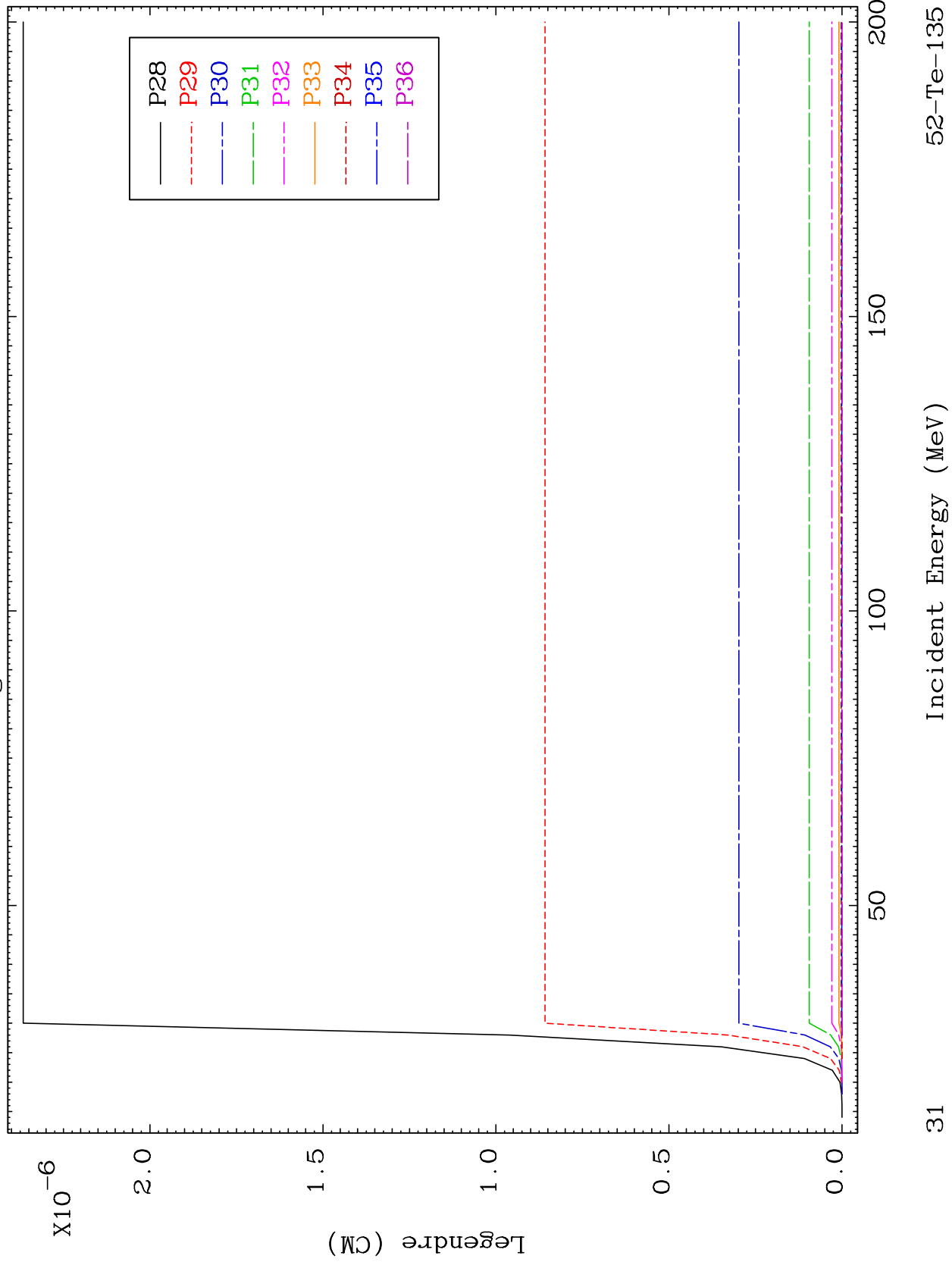
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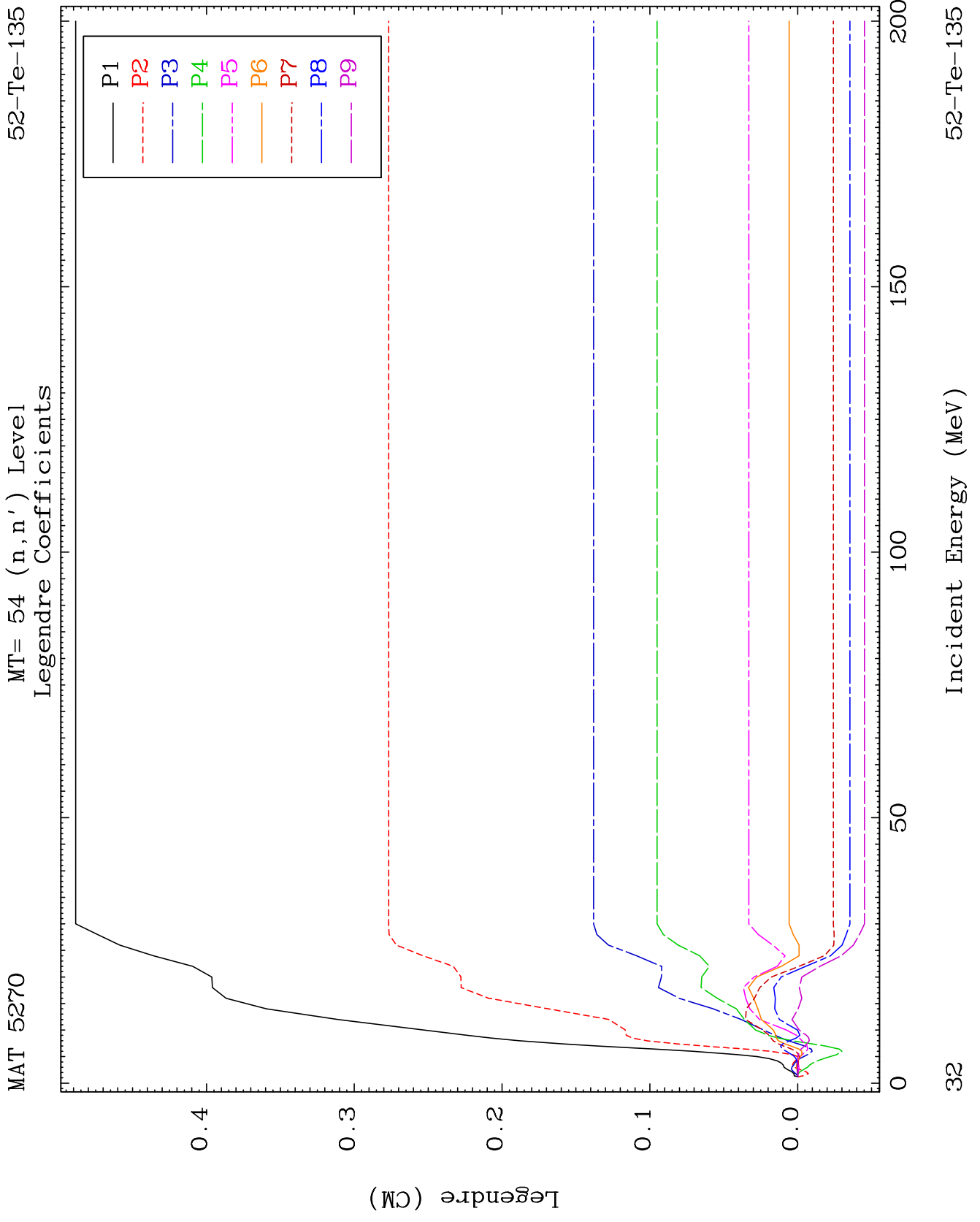
MAT 5270

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

52-Te-135





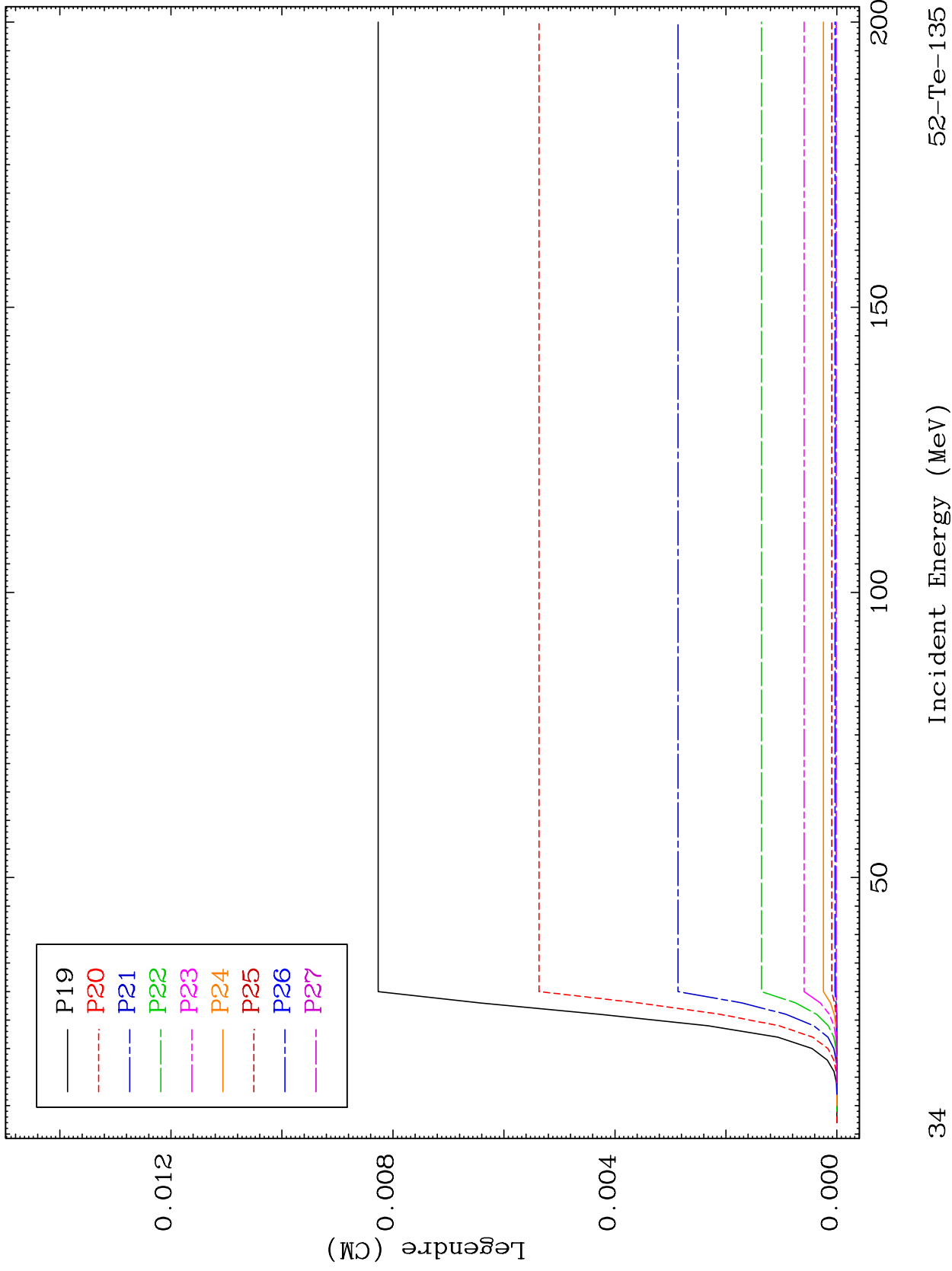




MAT 5270

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

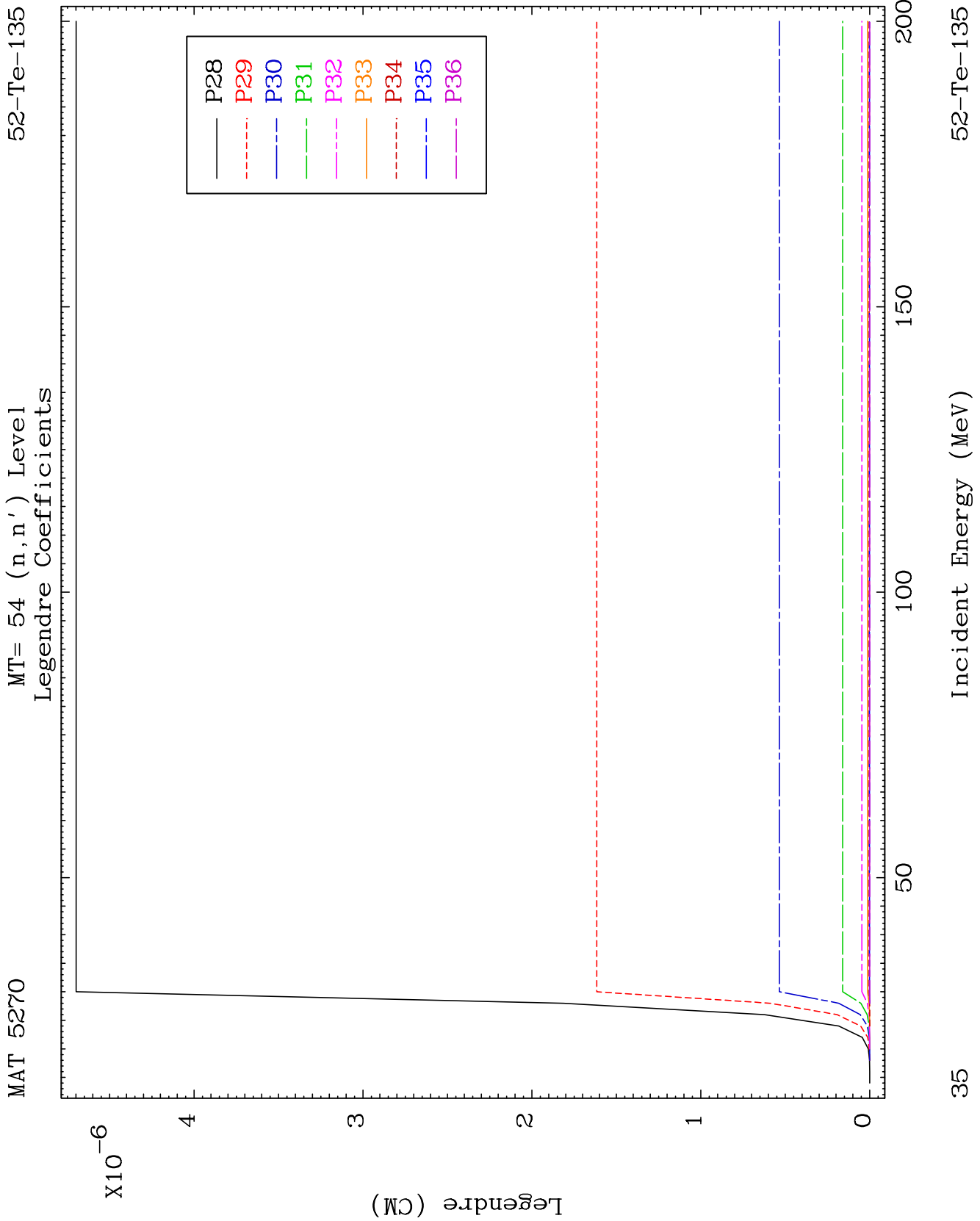
52-Te-135



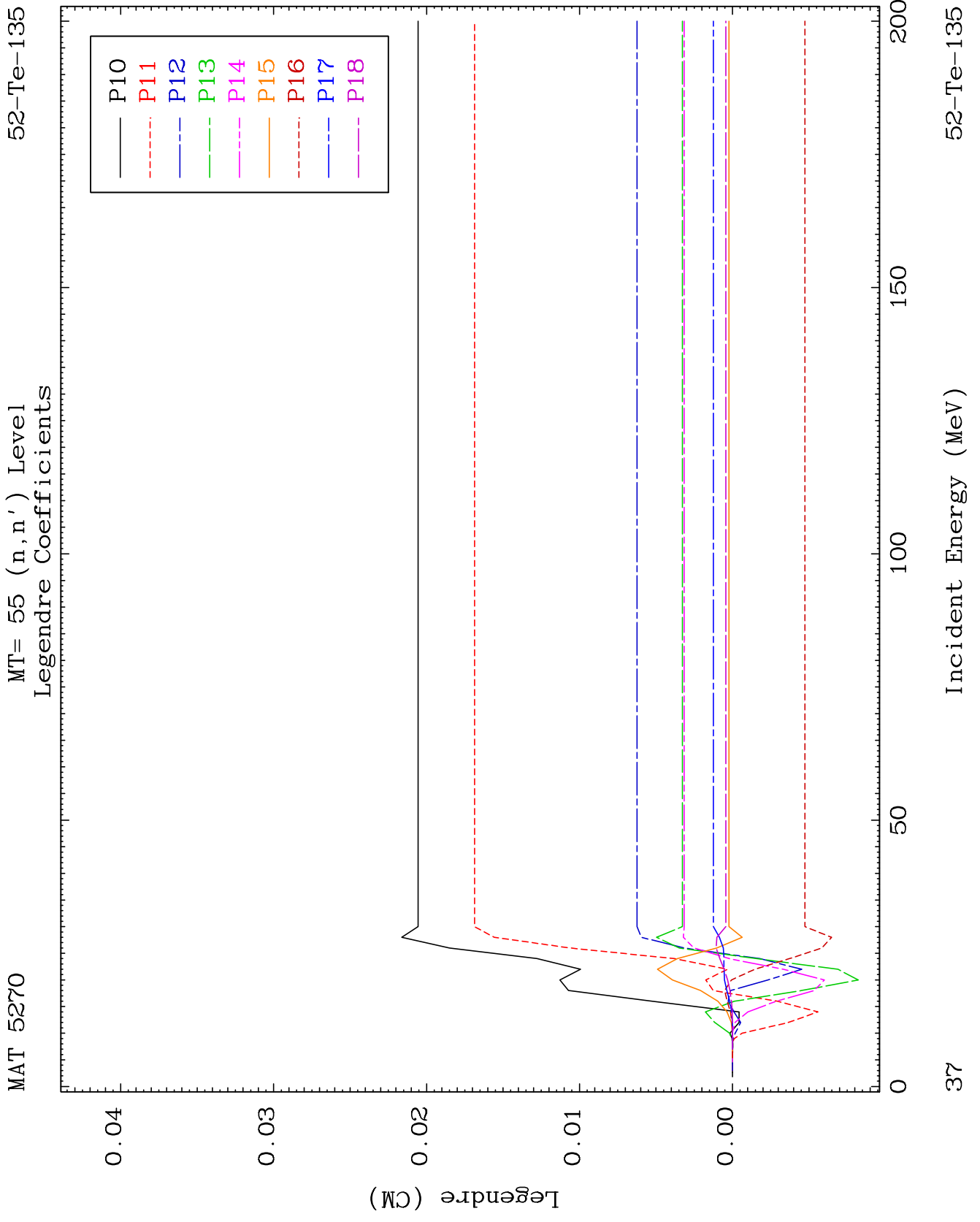
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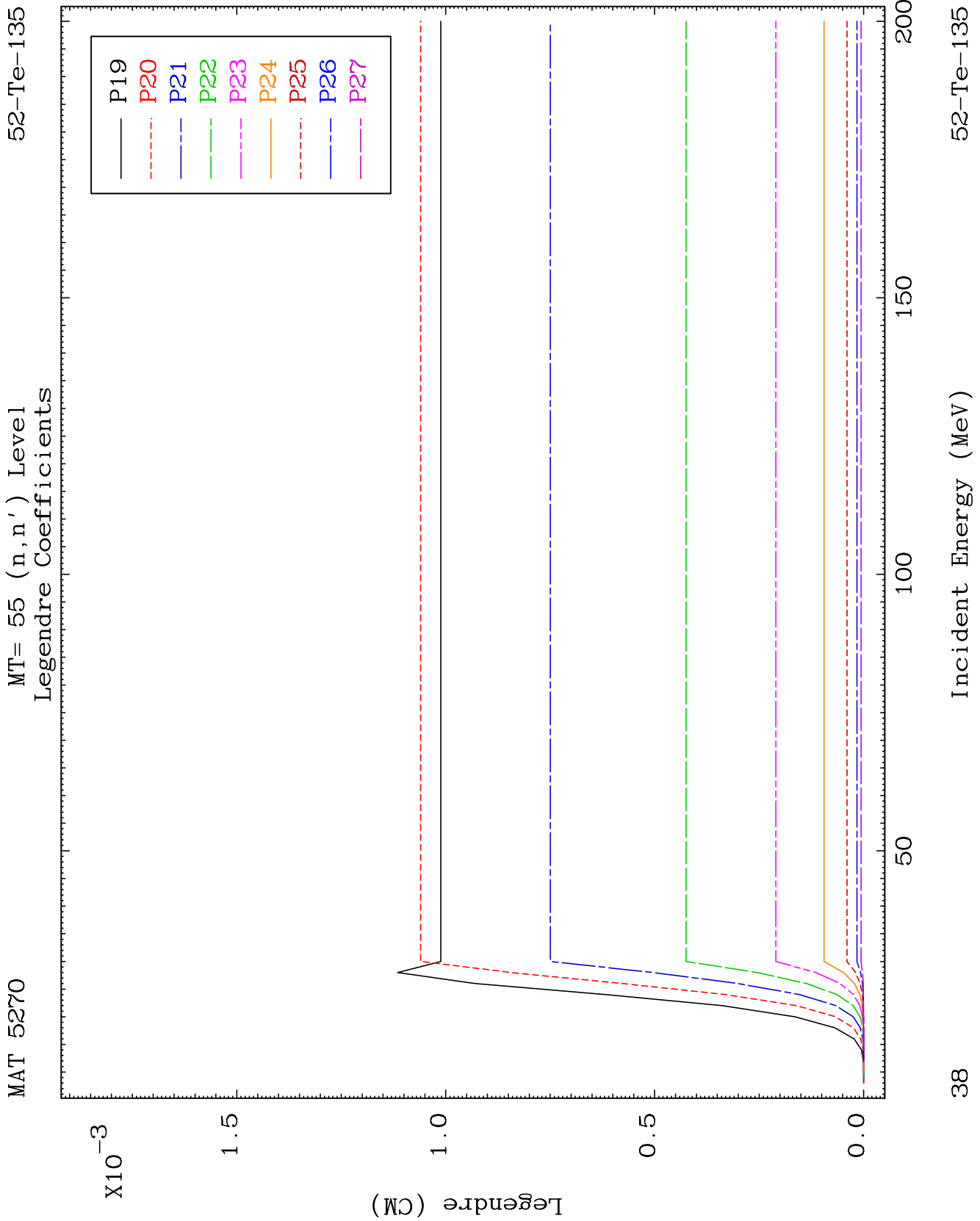
Incident Energy (MeV)

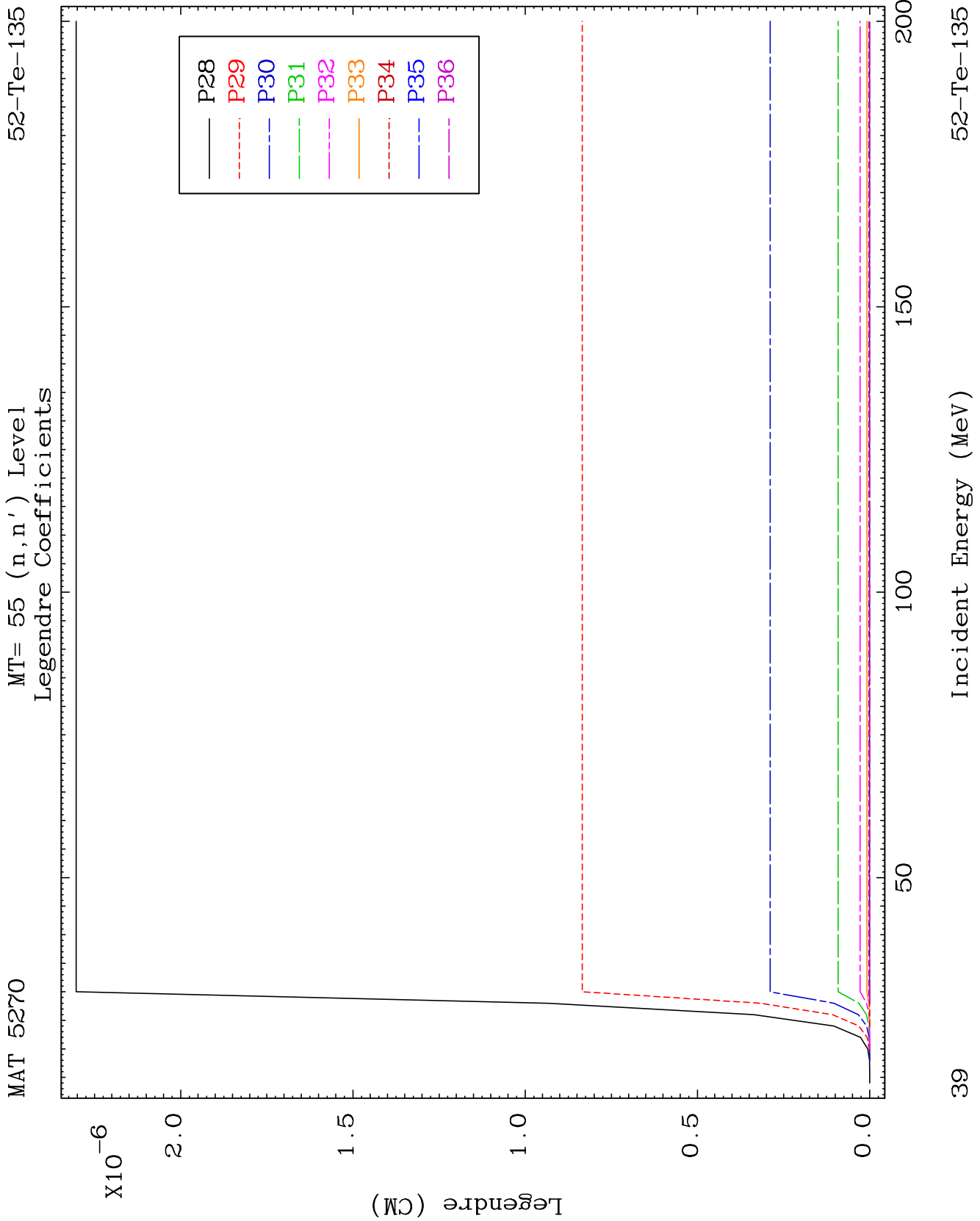
52-Te-135





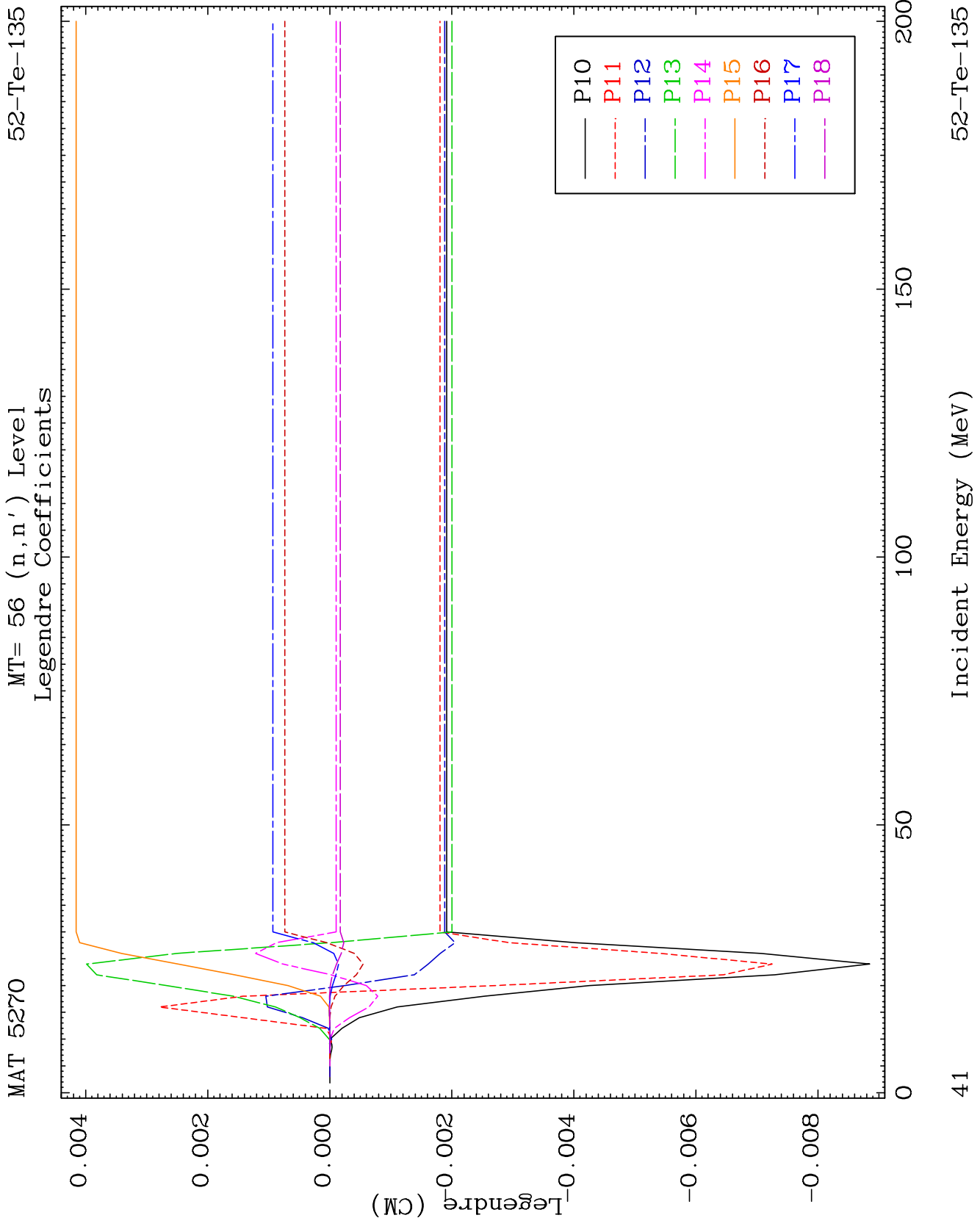


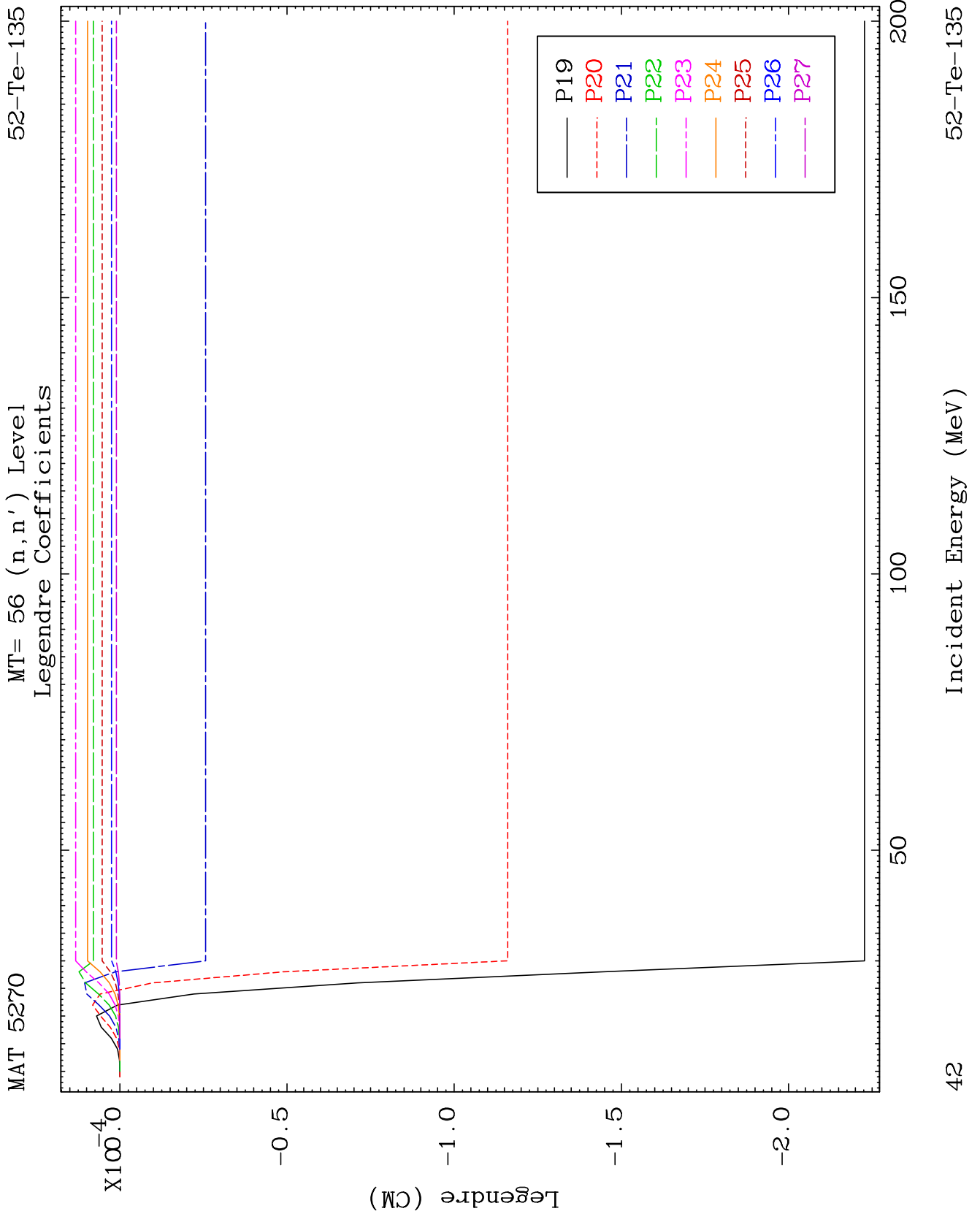








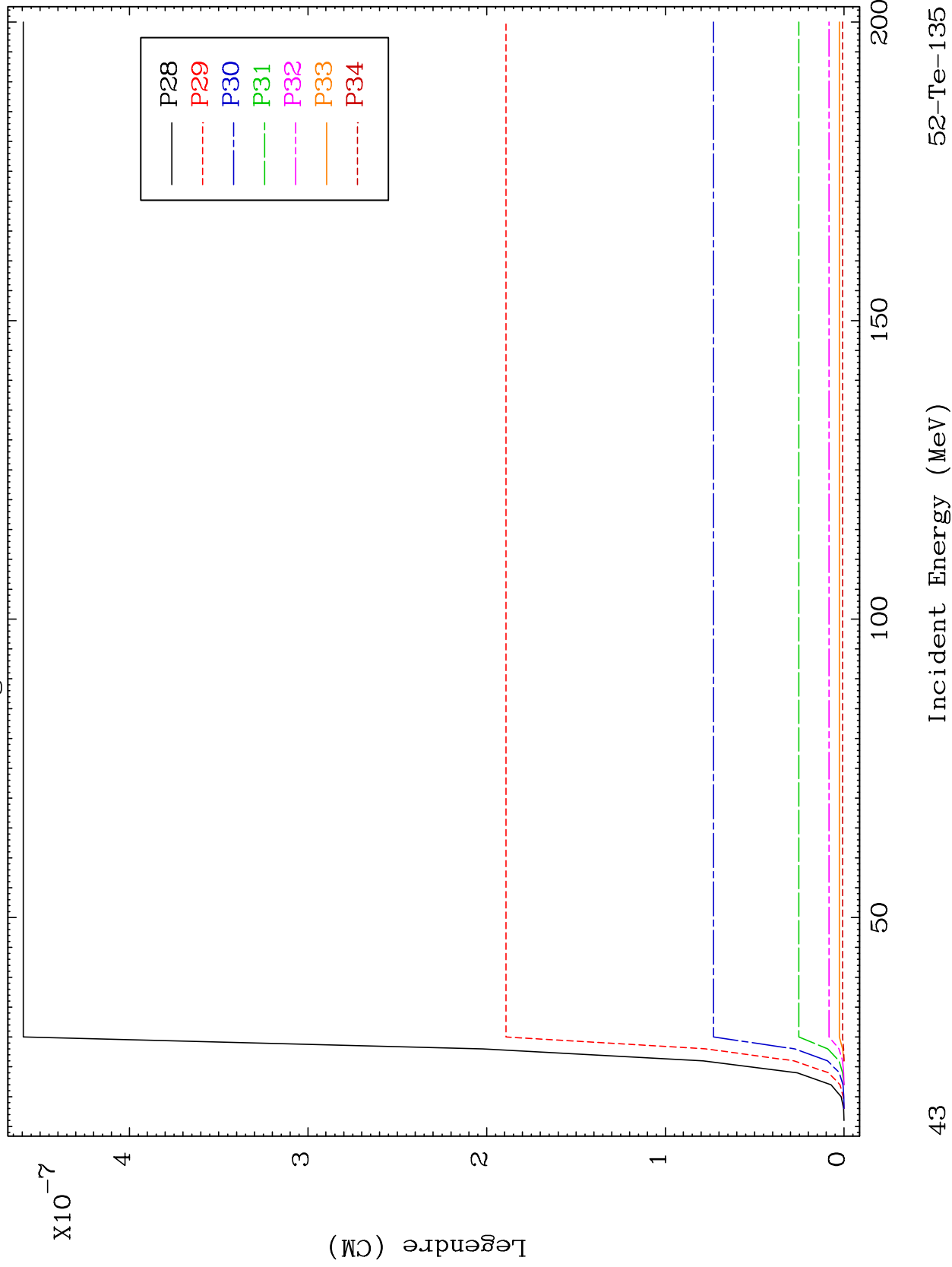


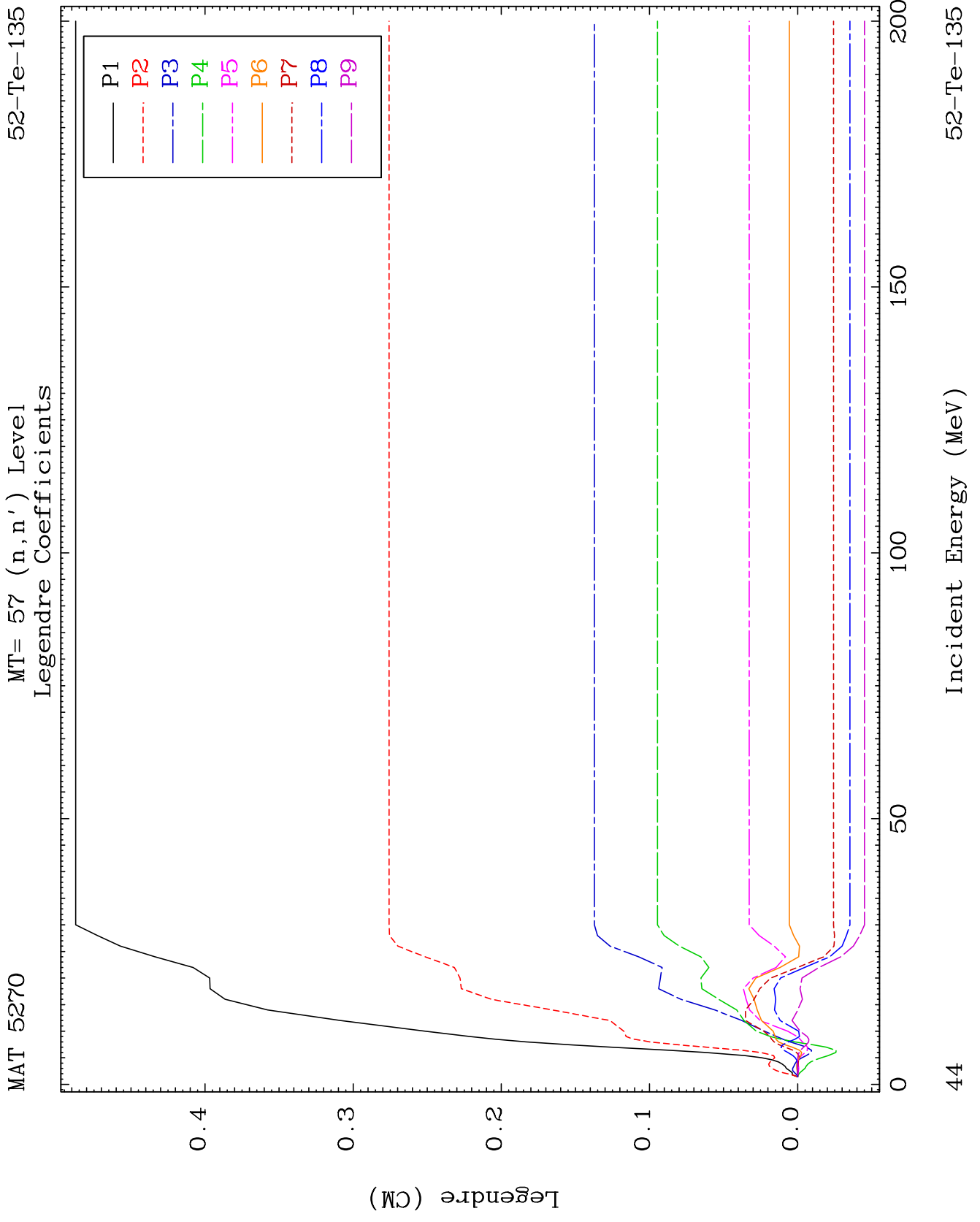


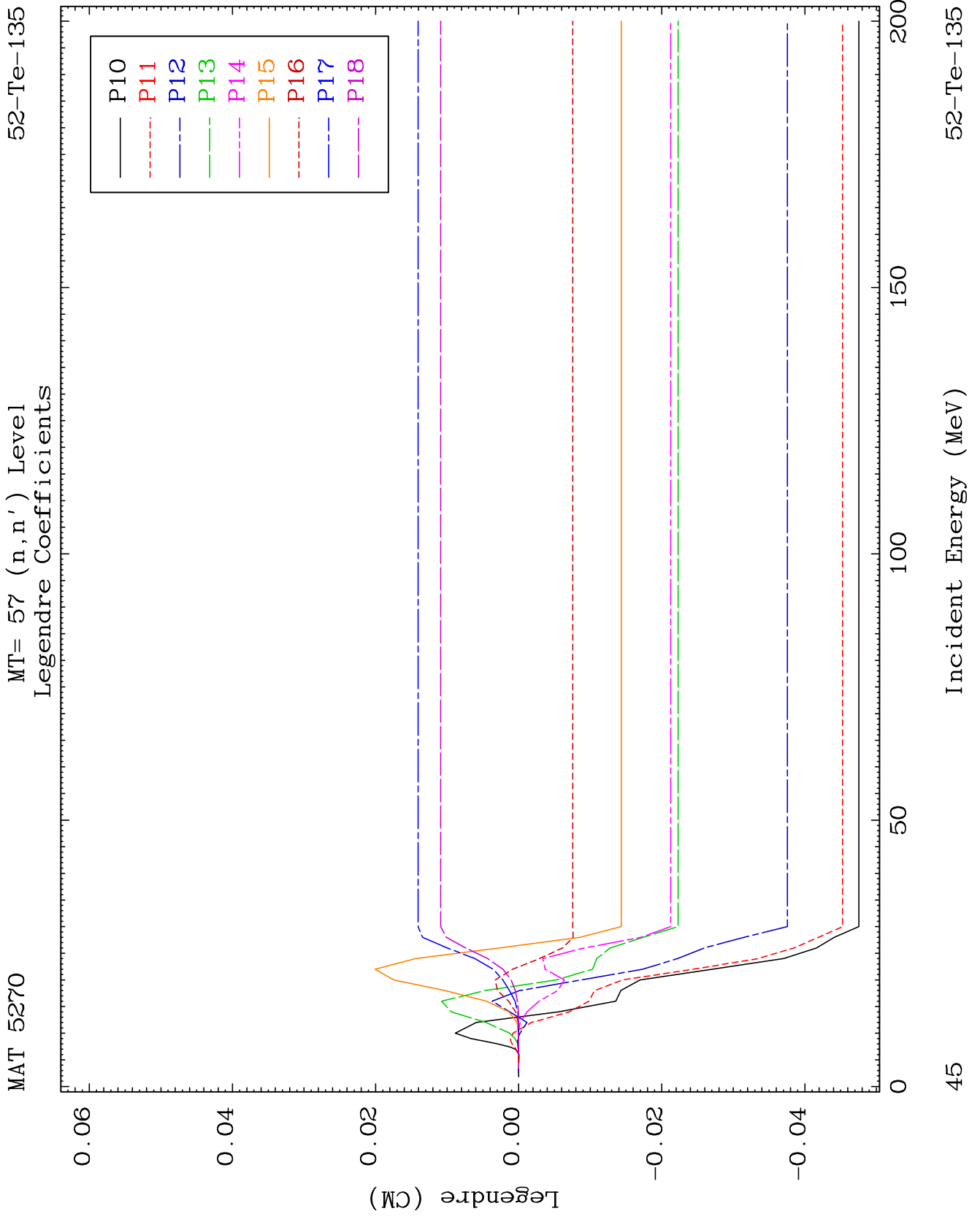
MAT 5270

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

52-Te-135



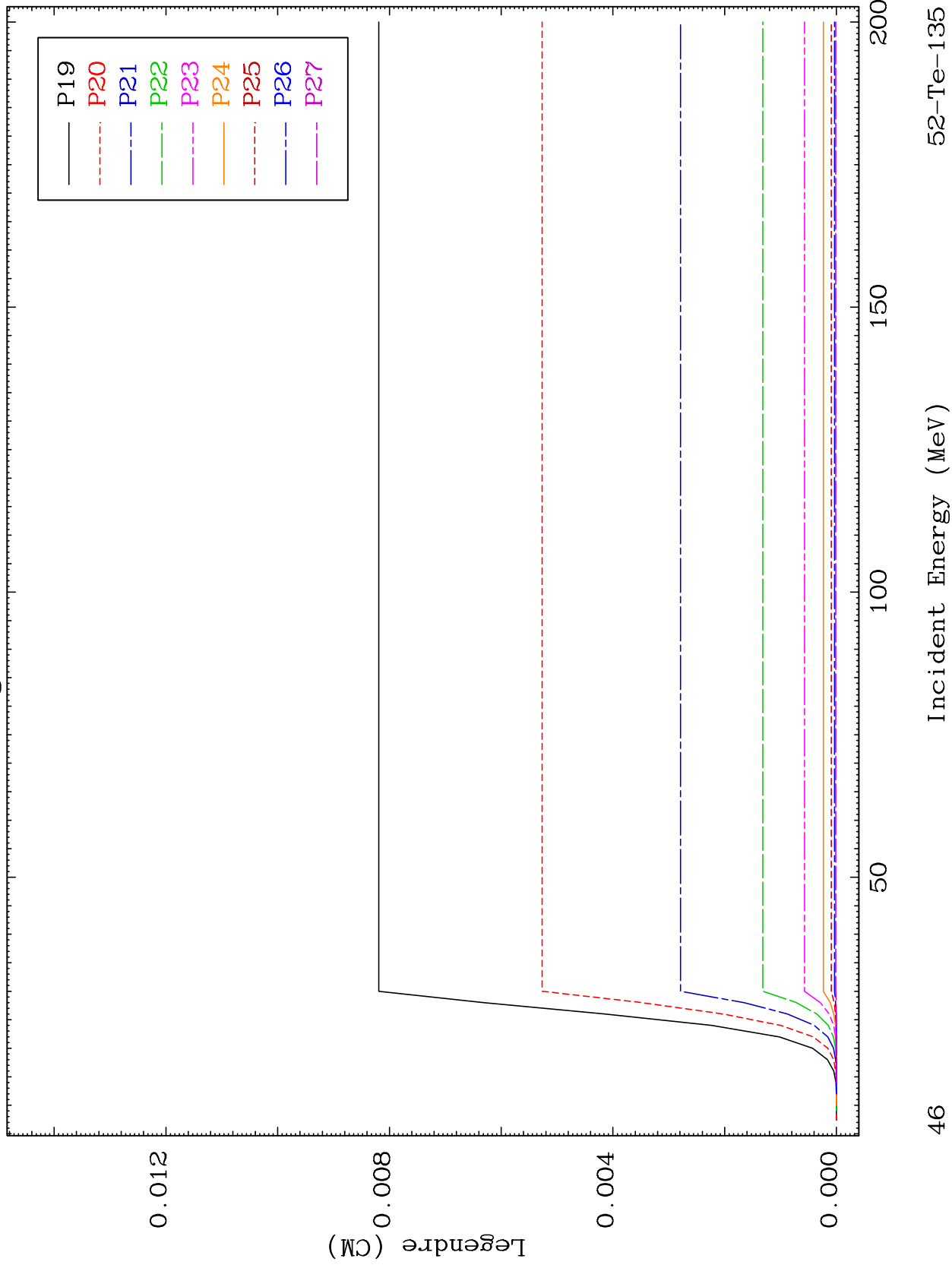




MAT 5270

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

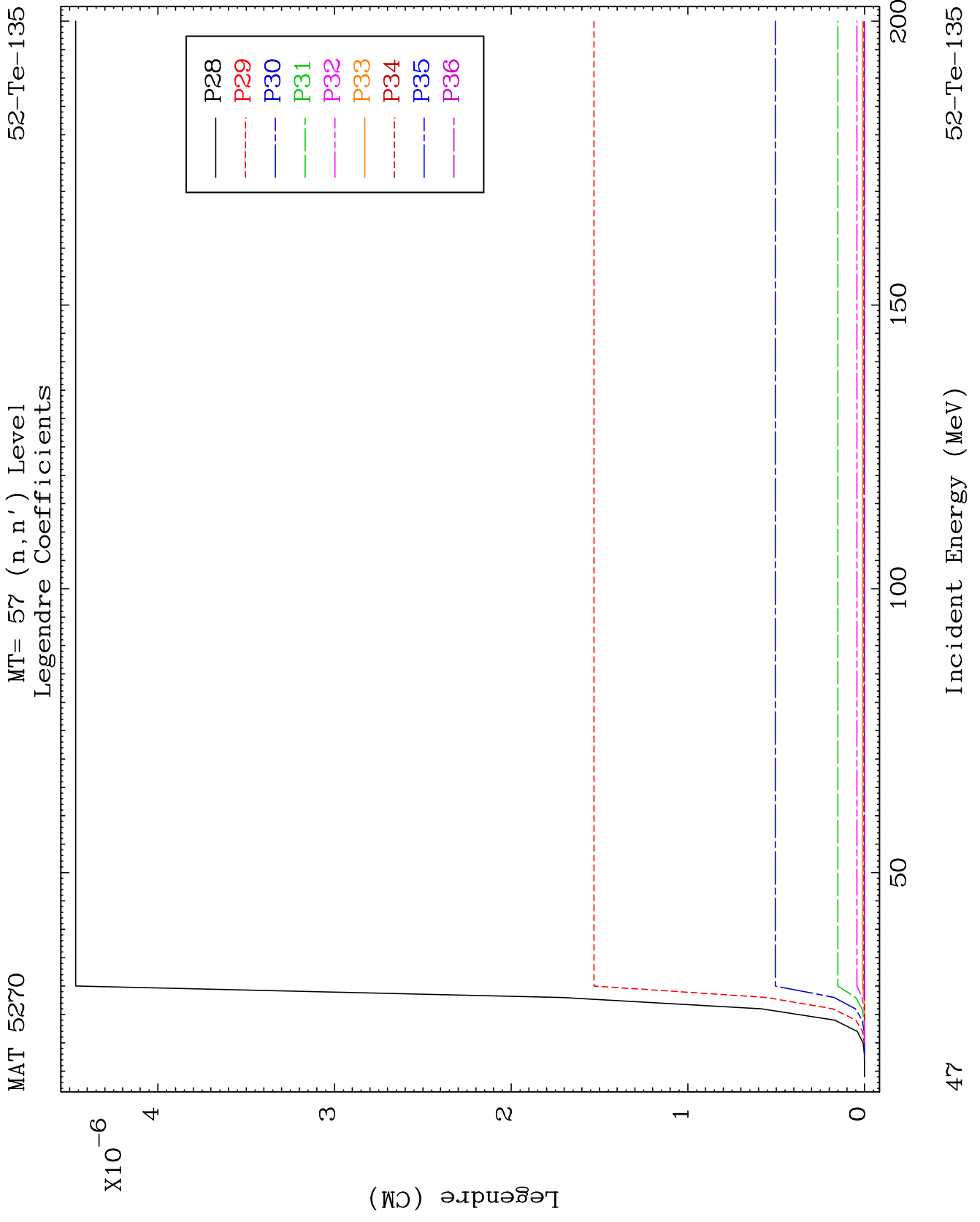
52-Te-135



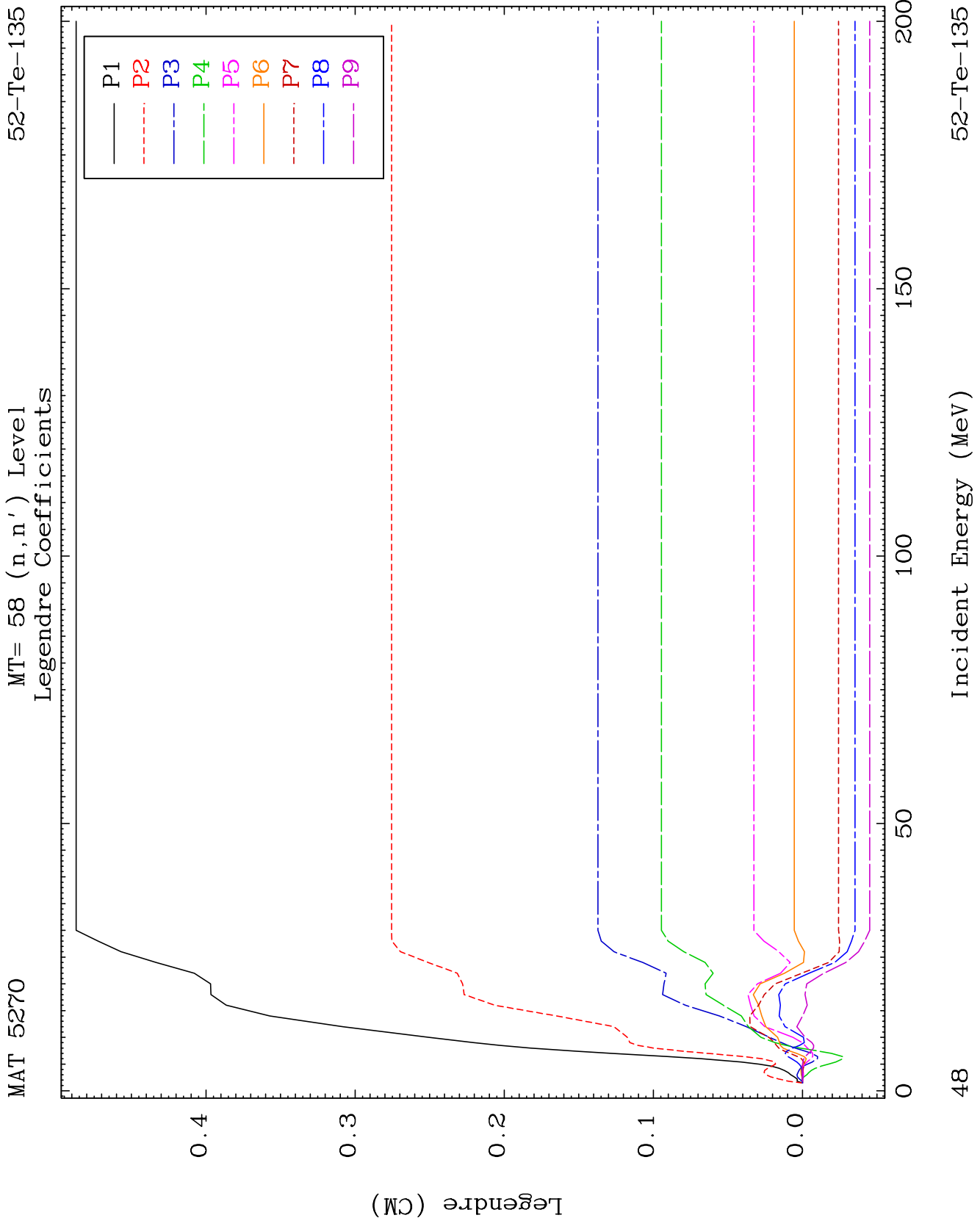
46

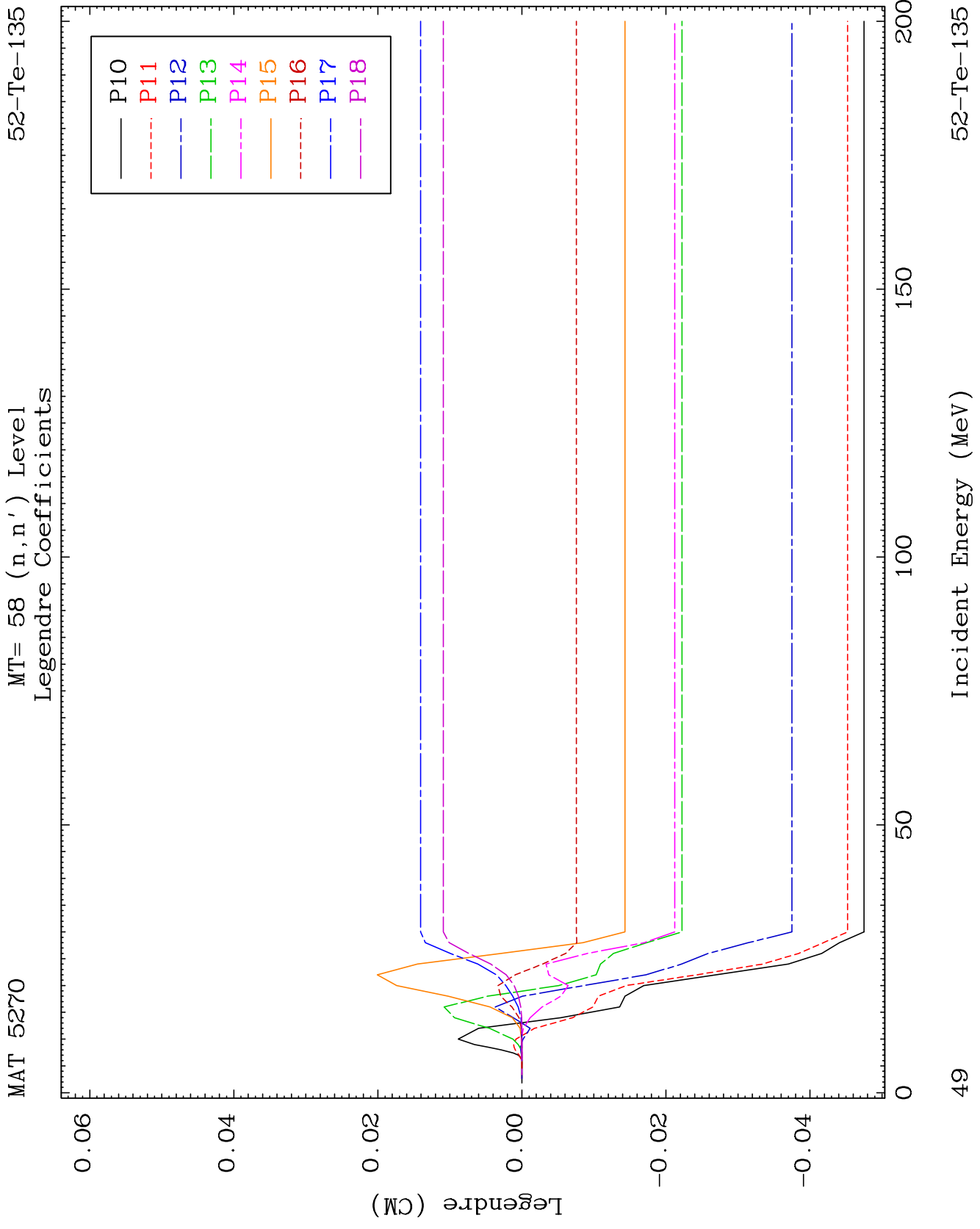
Incident Energy (MeV)

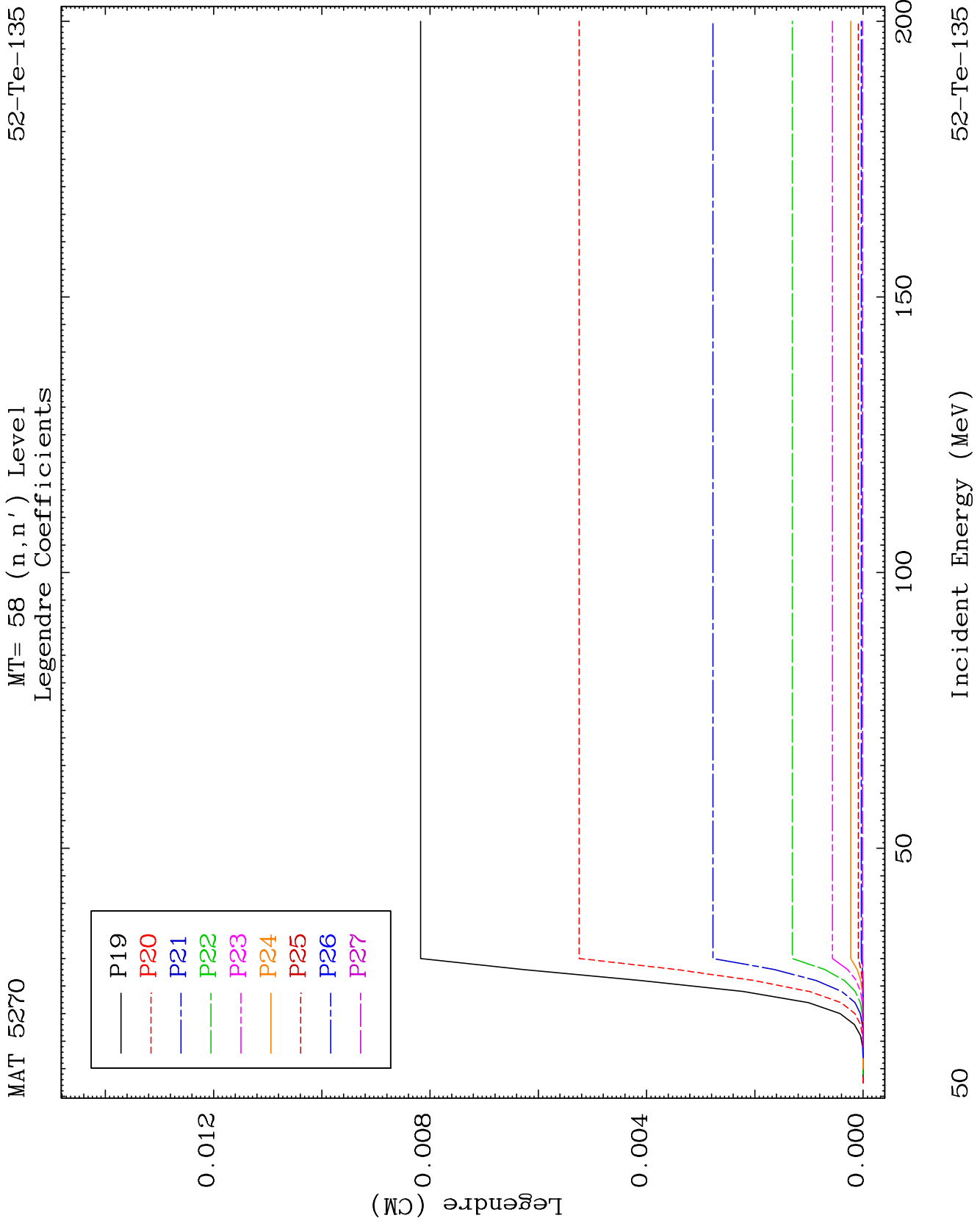
52-Te-135







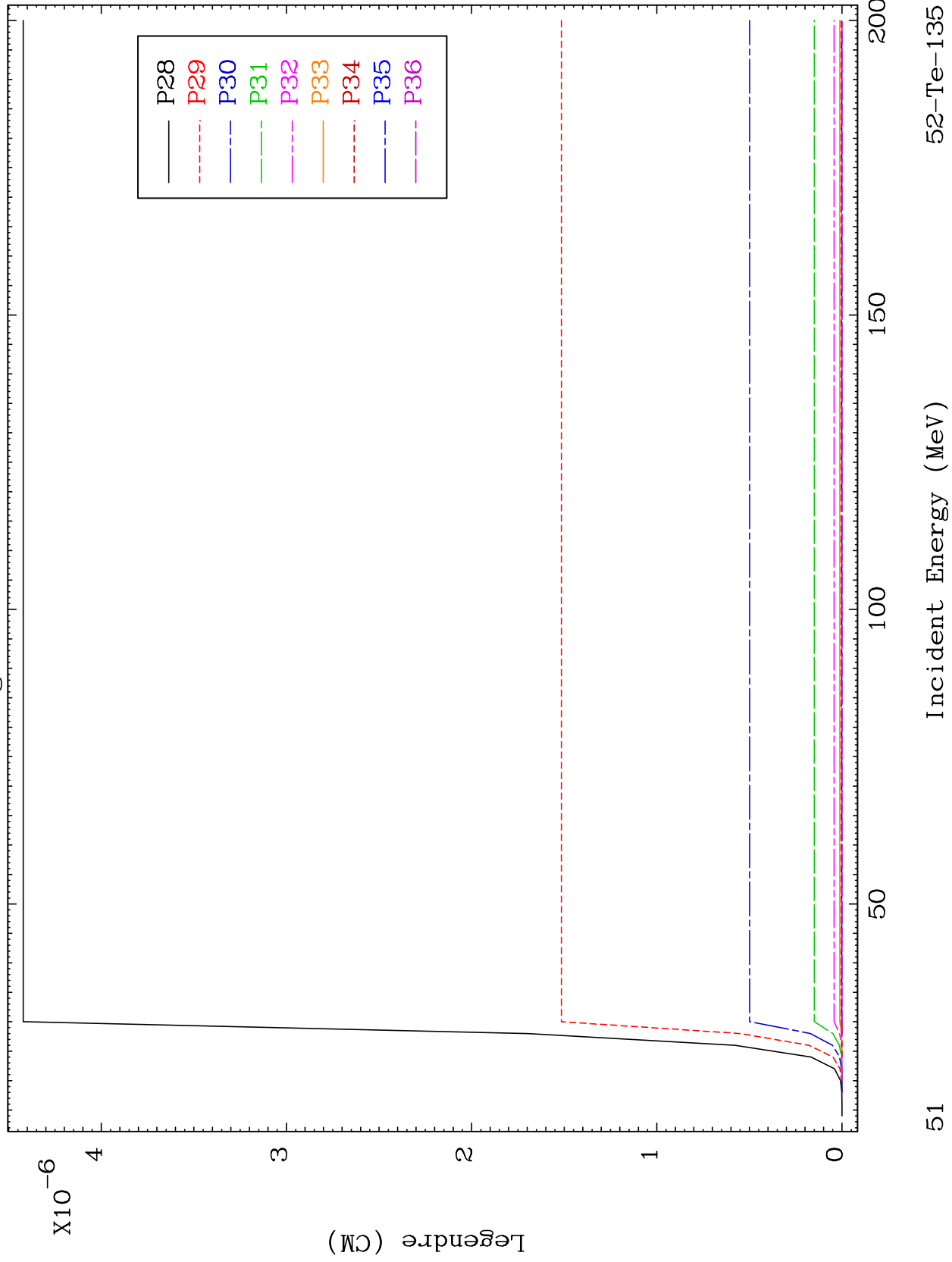




MAT 5270

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

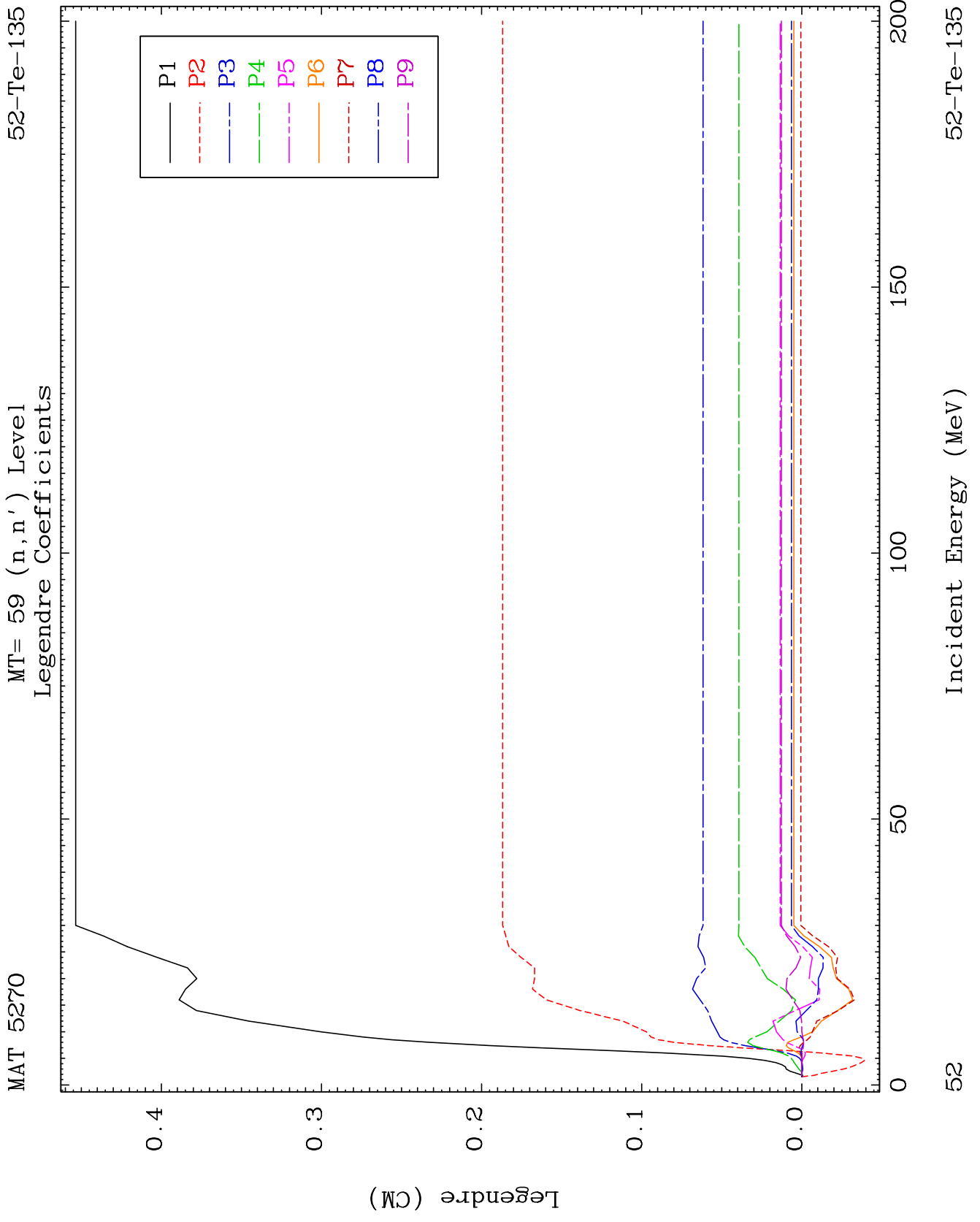
52-Te-135

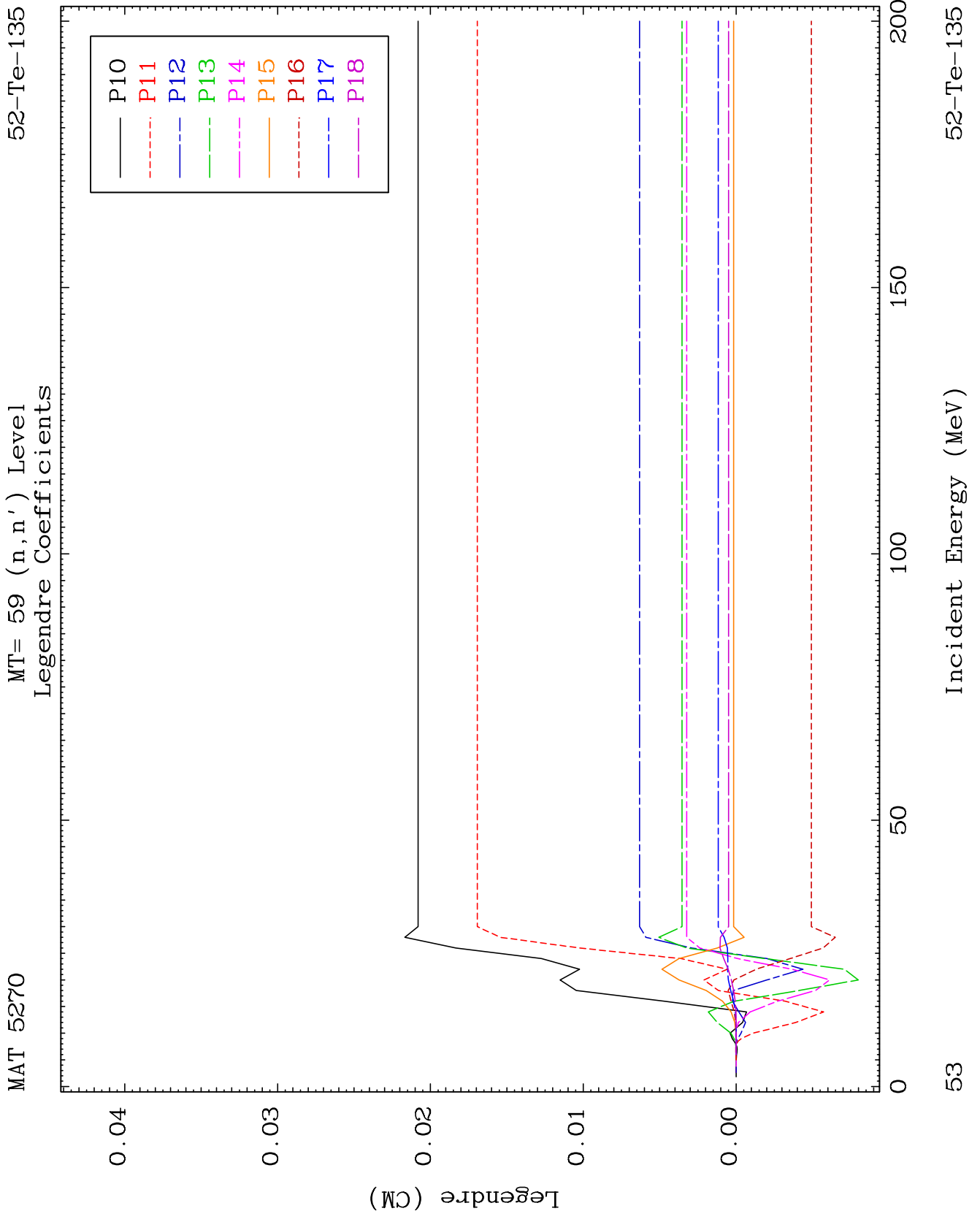


51

Incident Energy (MeV)

52-Te-135

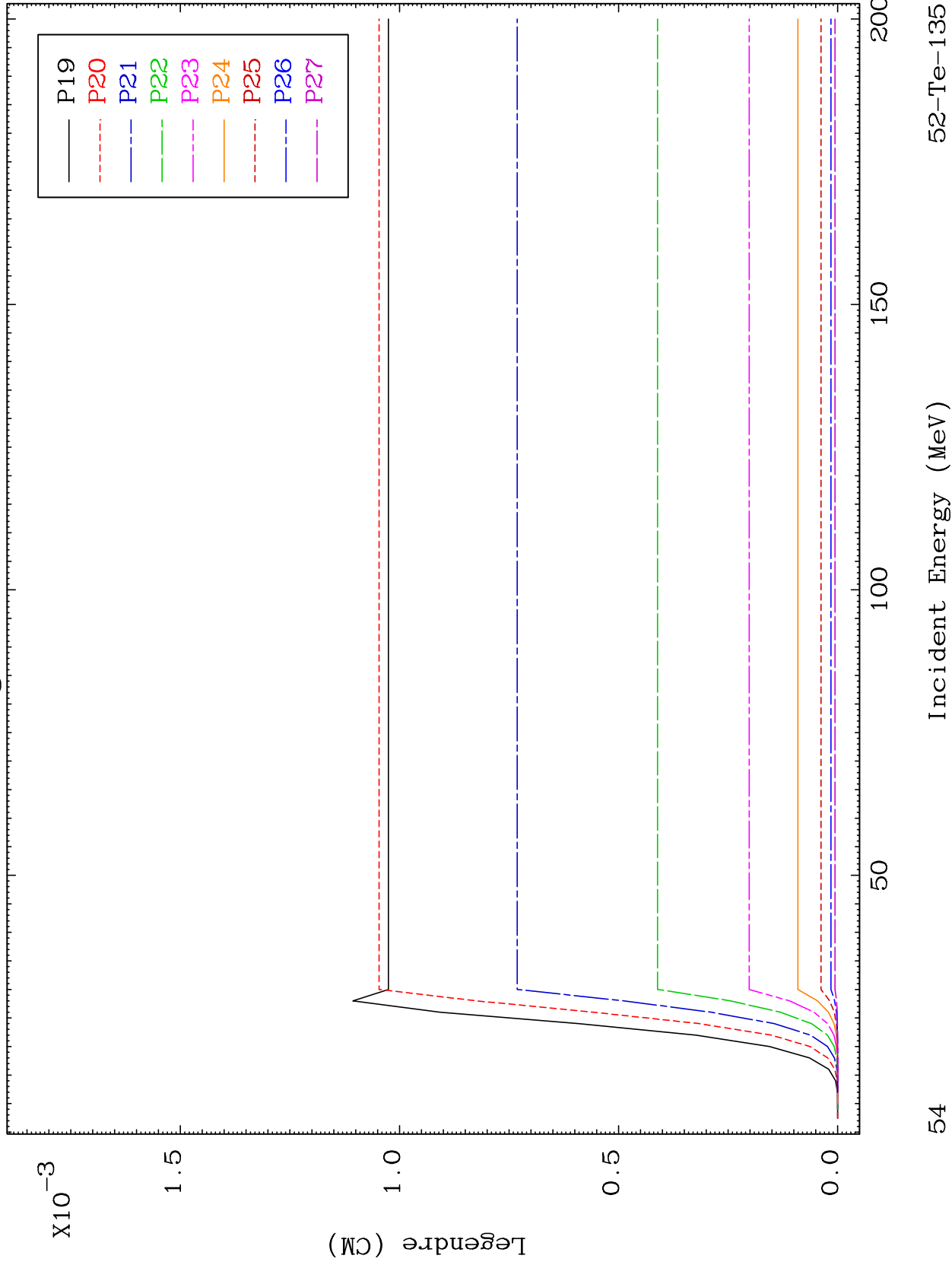




MAT 5270

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

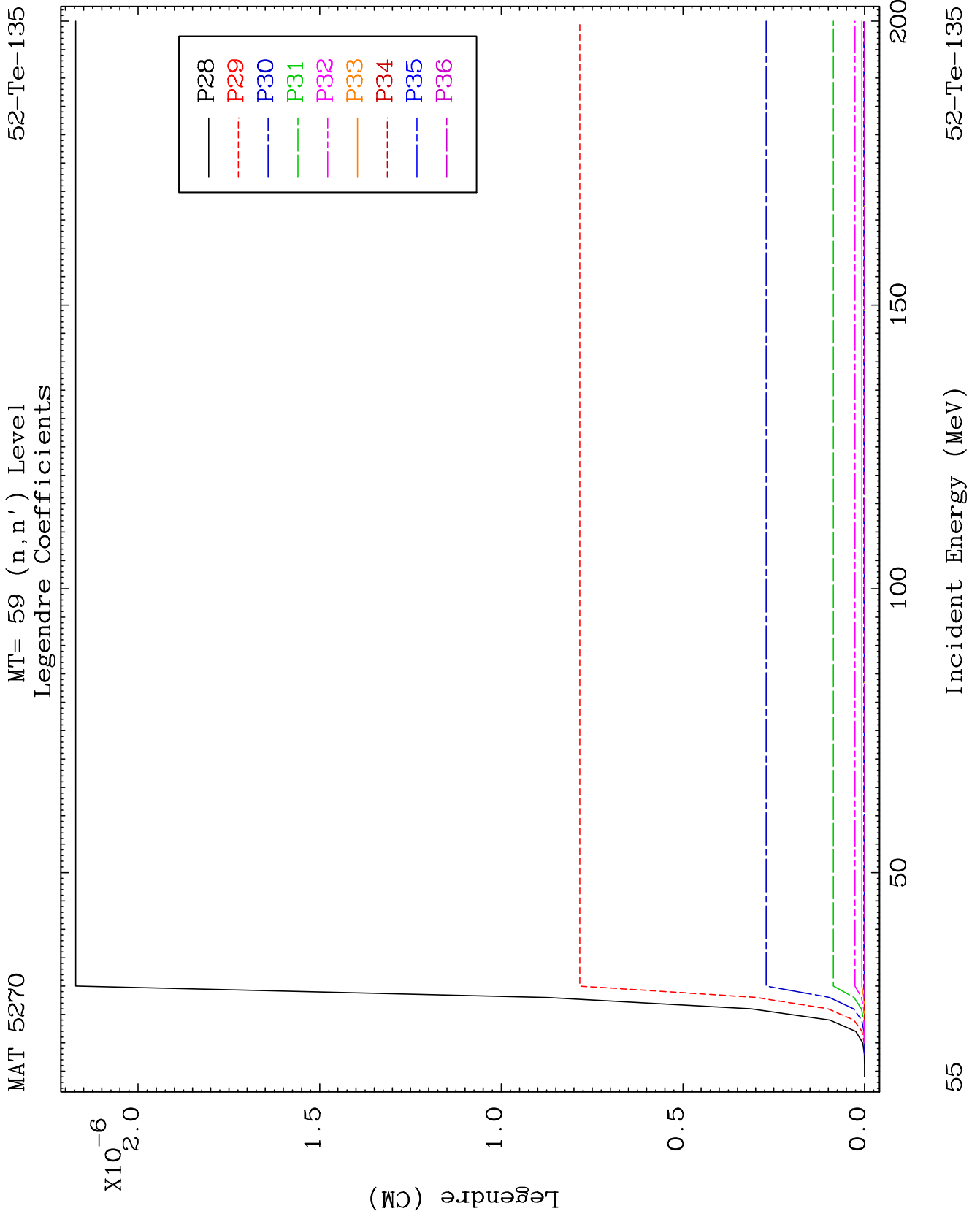
52-Te-135



54

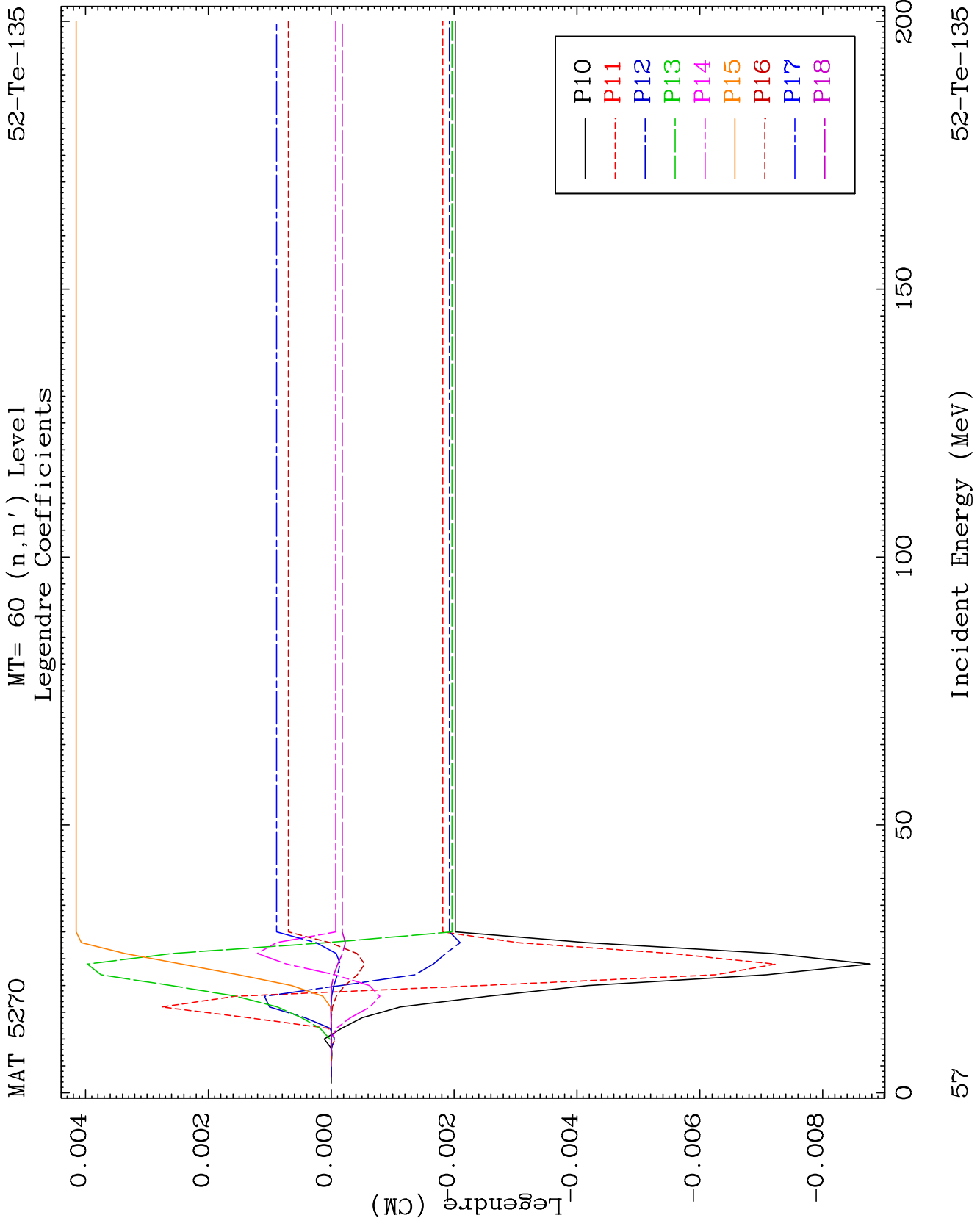
Incident Energy (MeV)

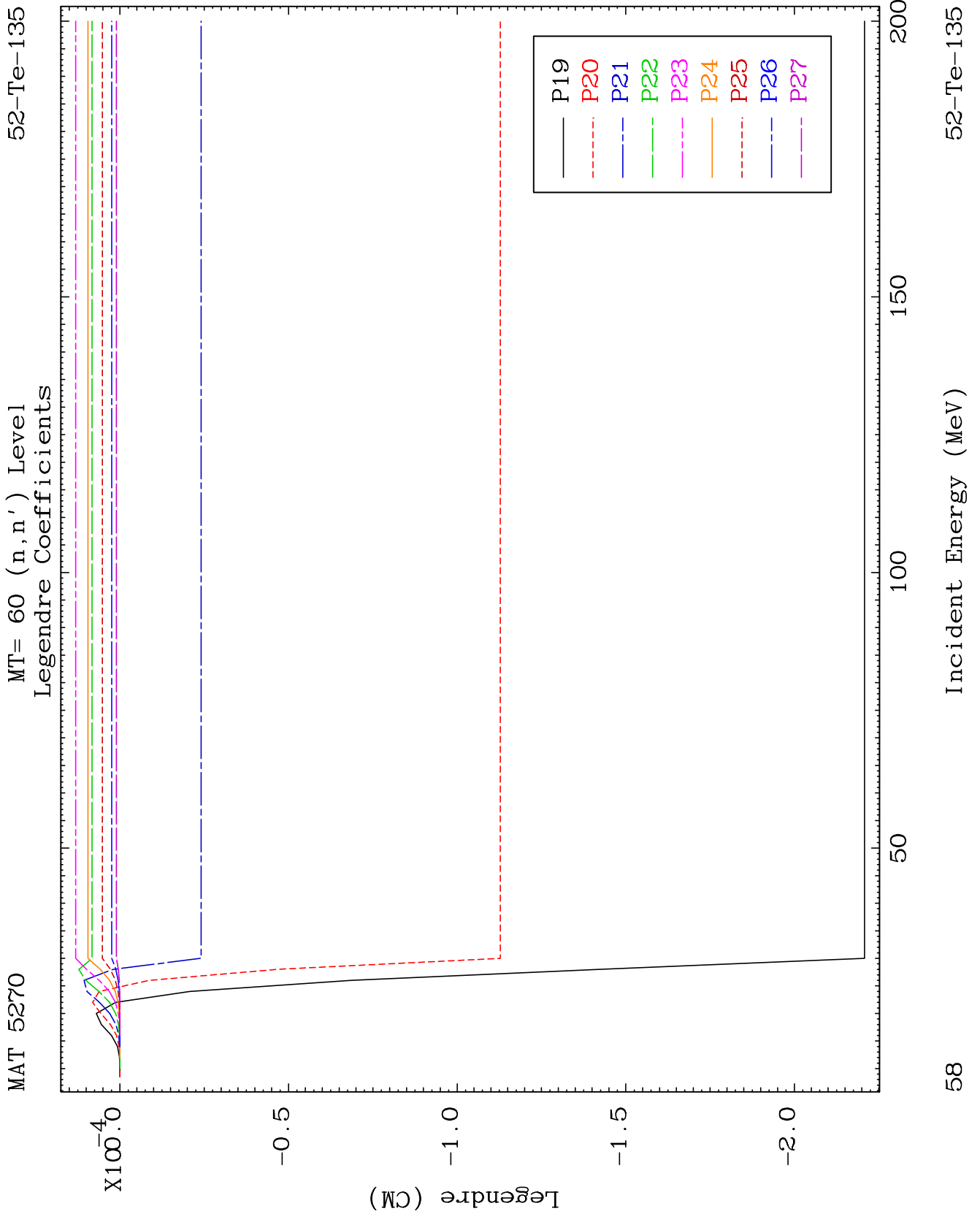
52-Te-135

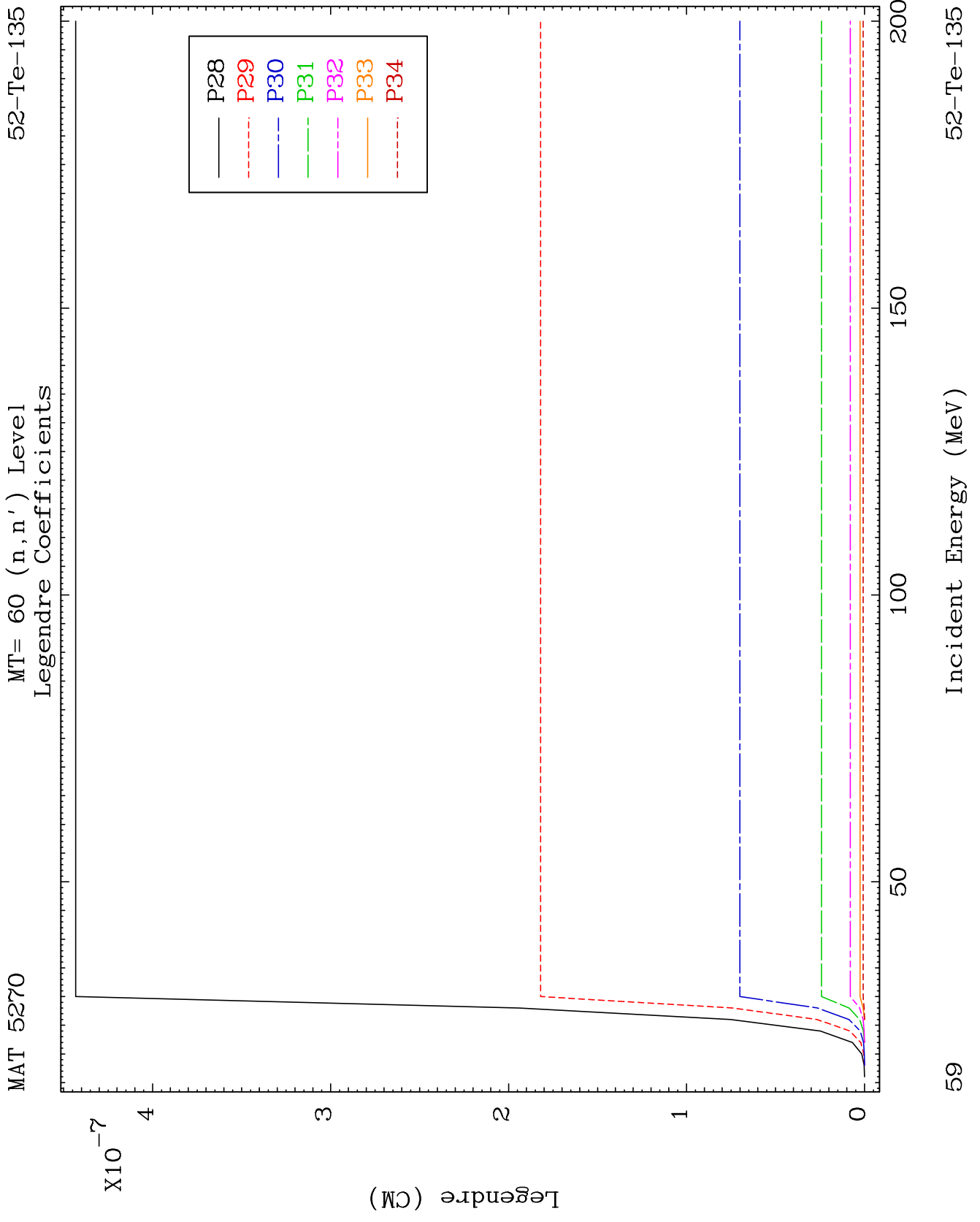


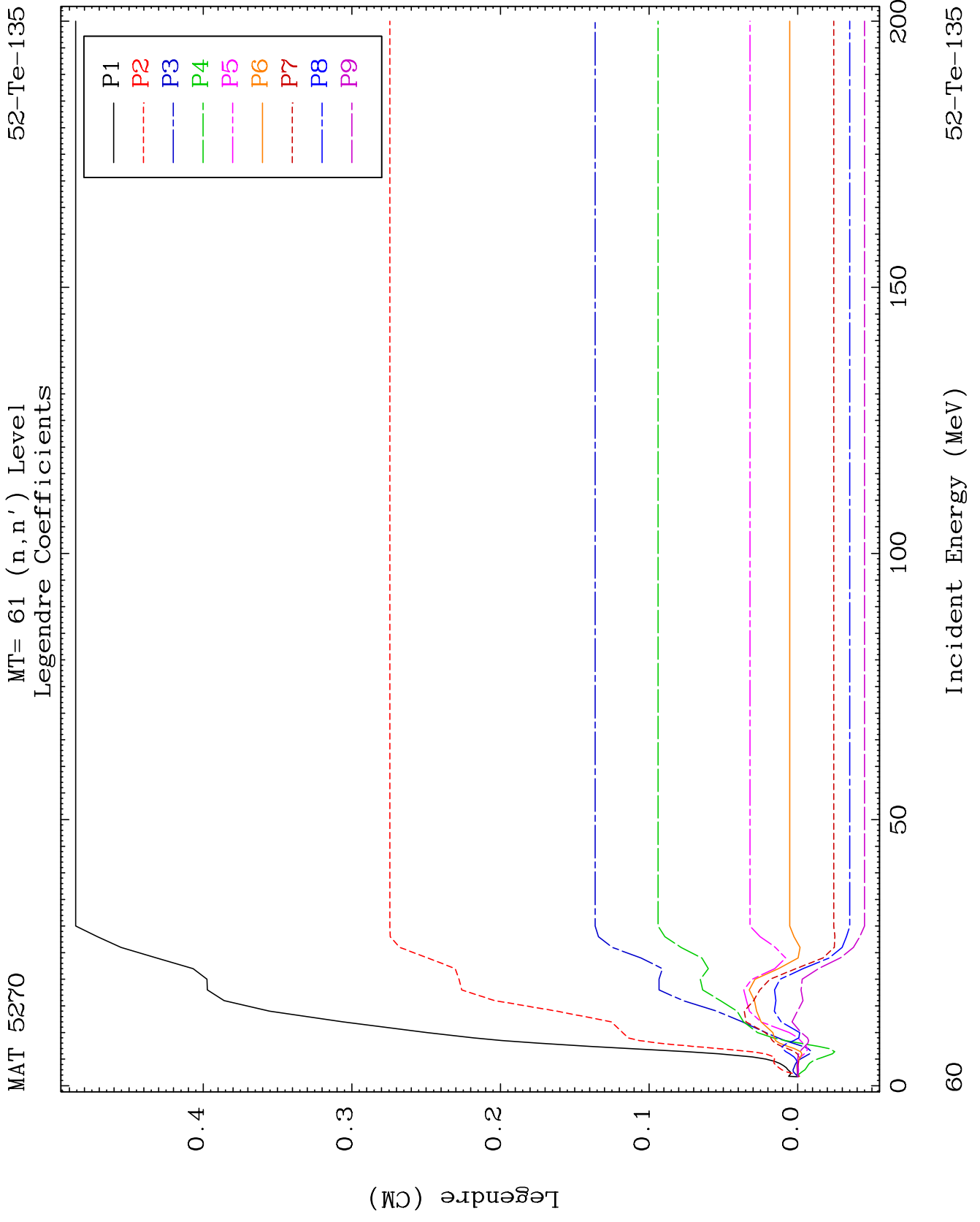


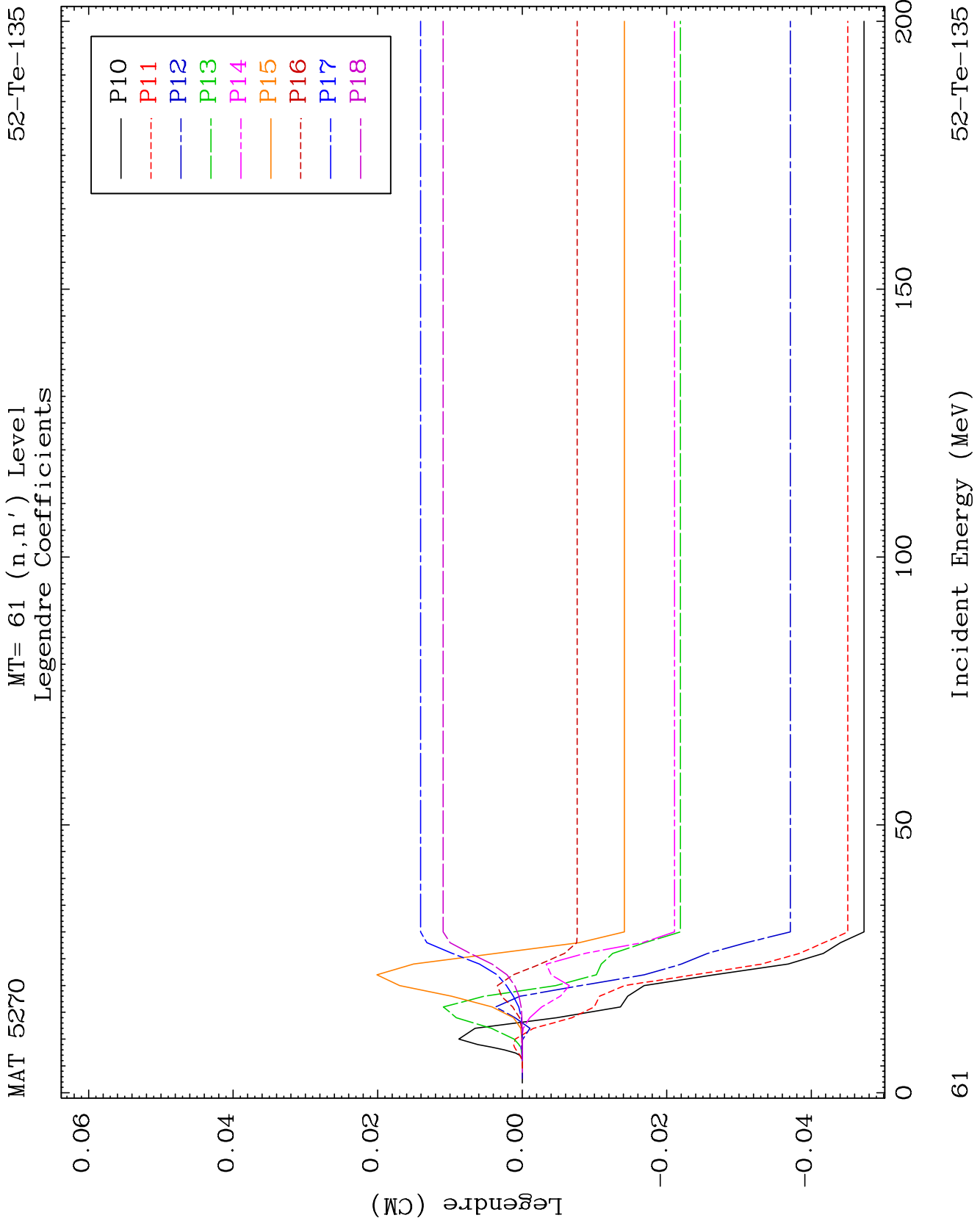


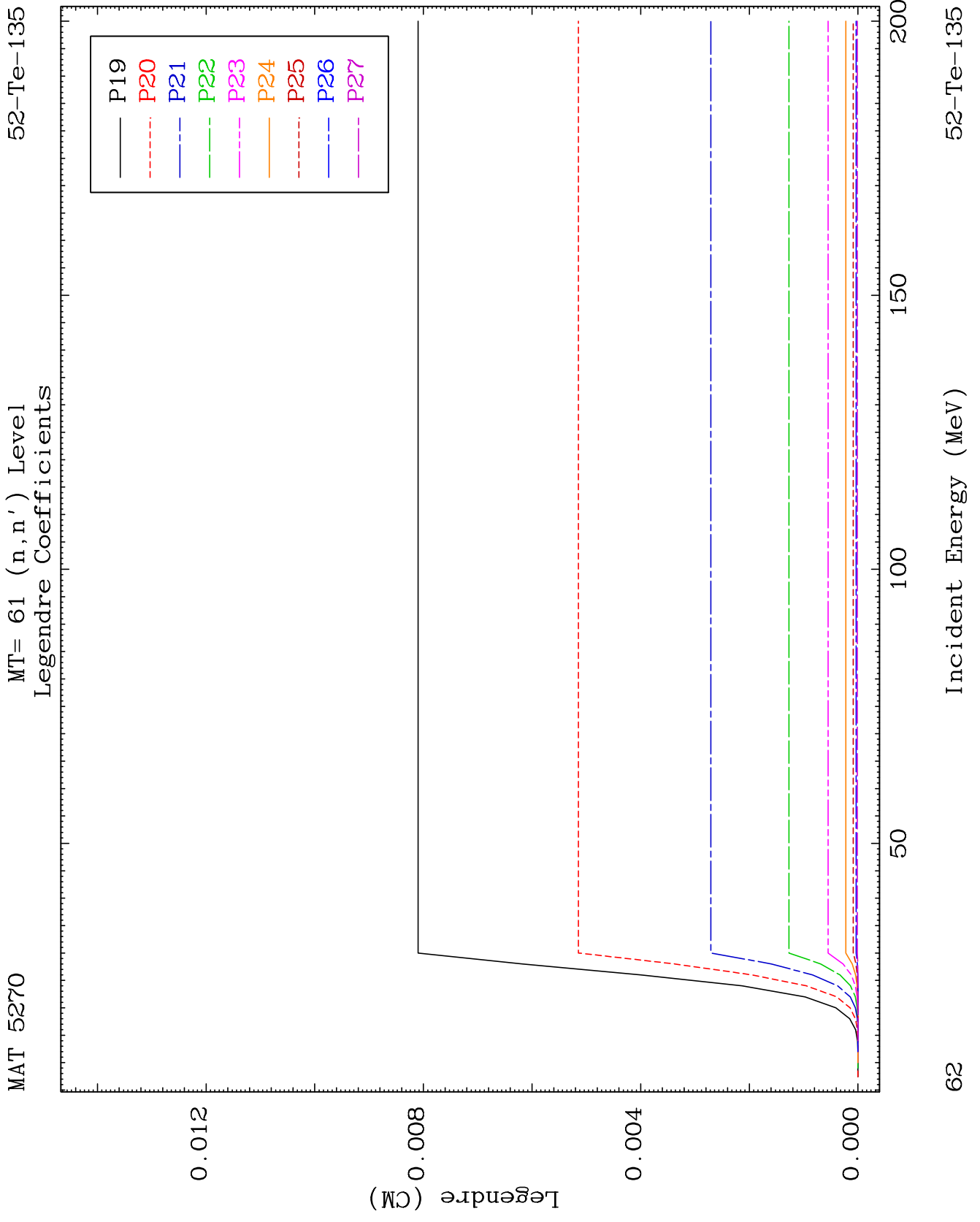






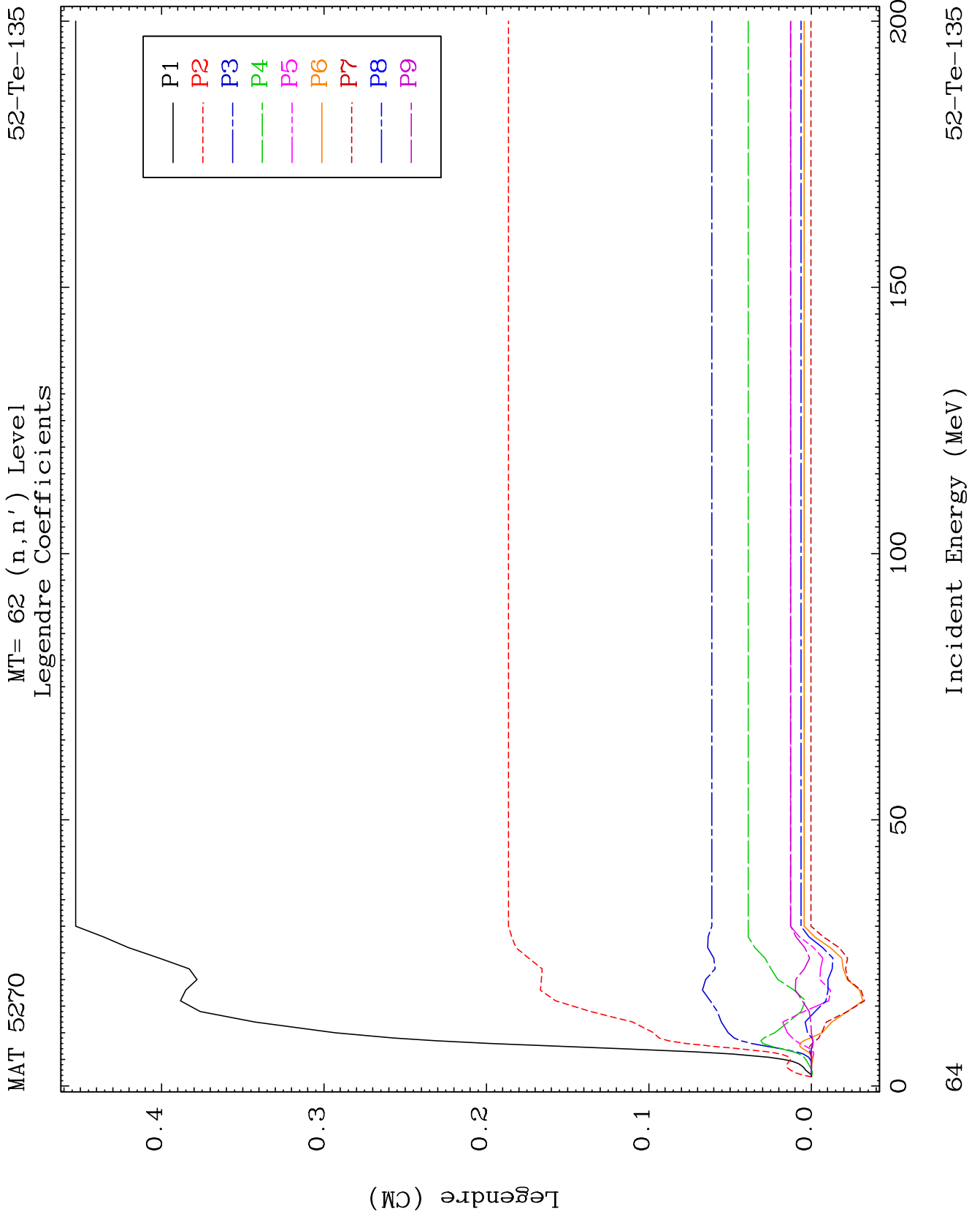










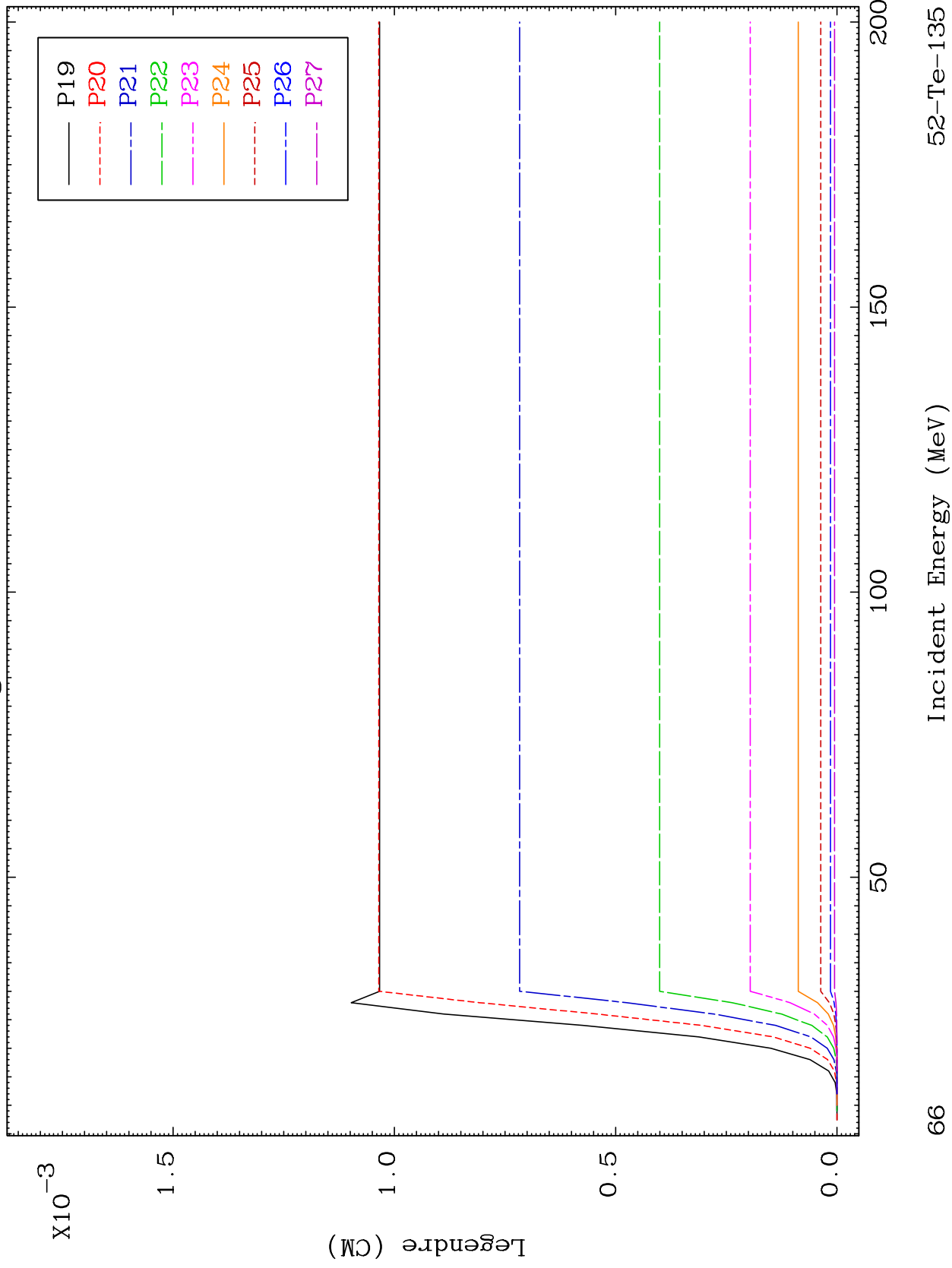




MAT 5270

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

52-Te-135



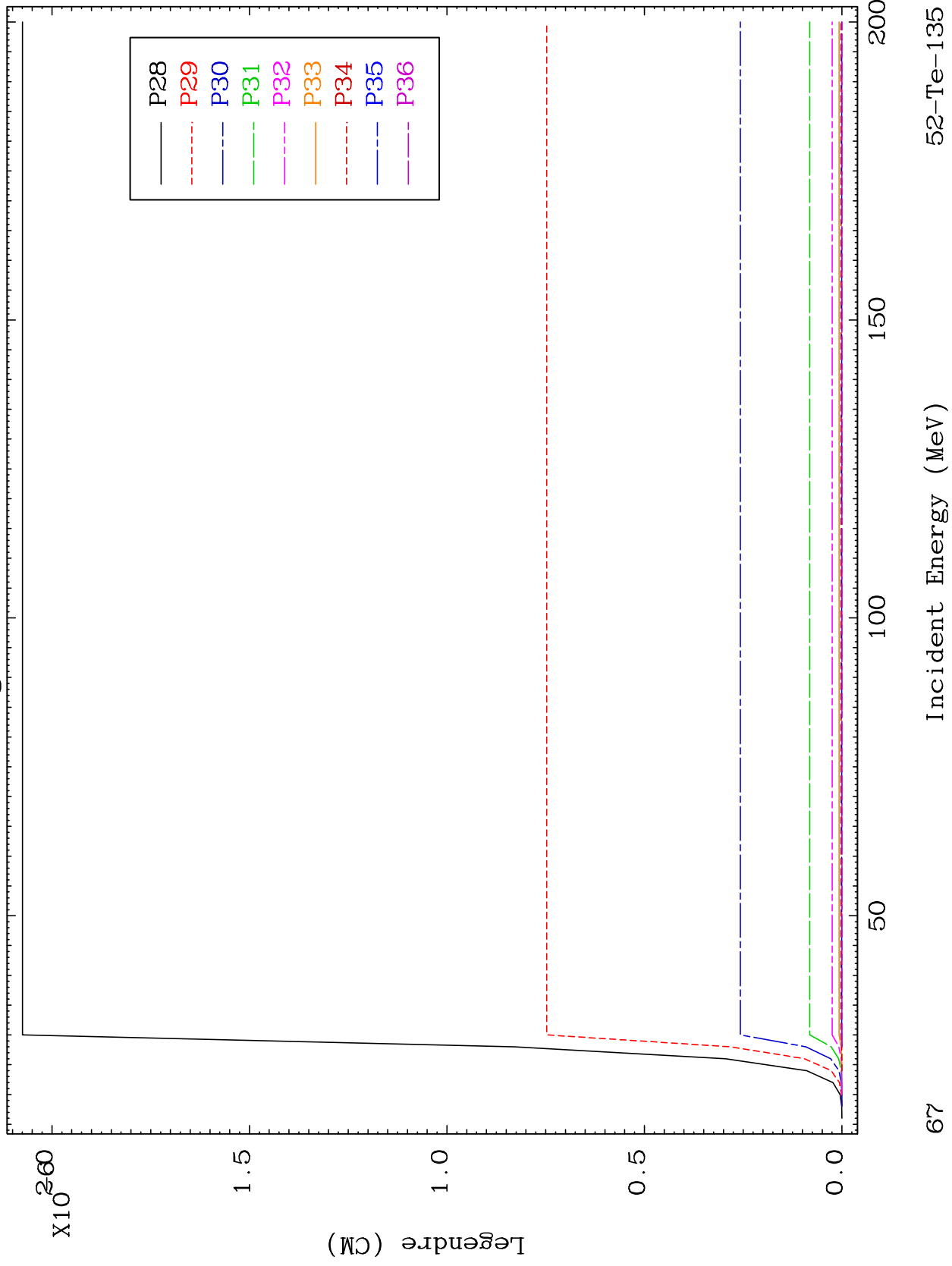
66

52-Te-135

MAT 5270

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

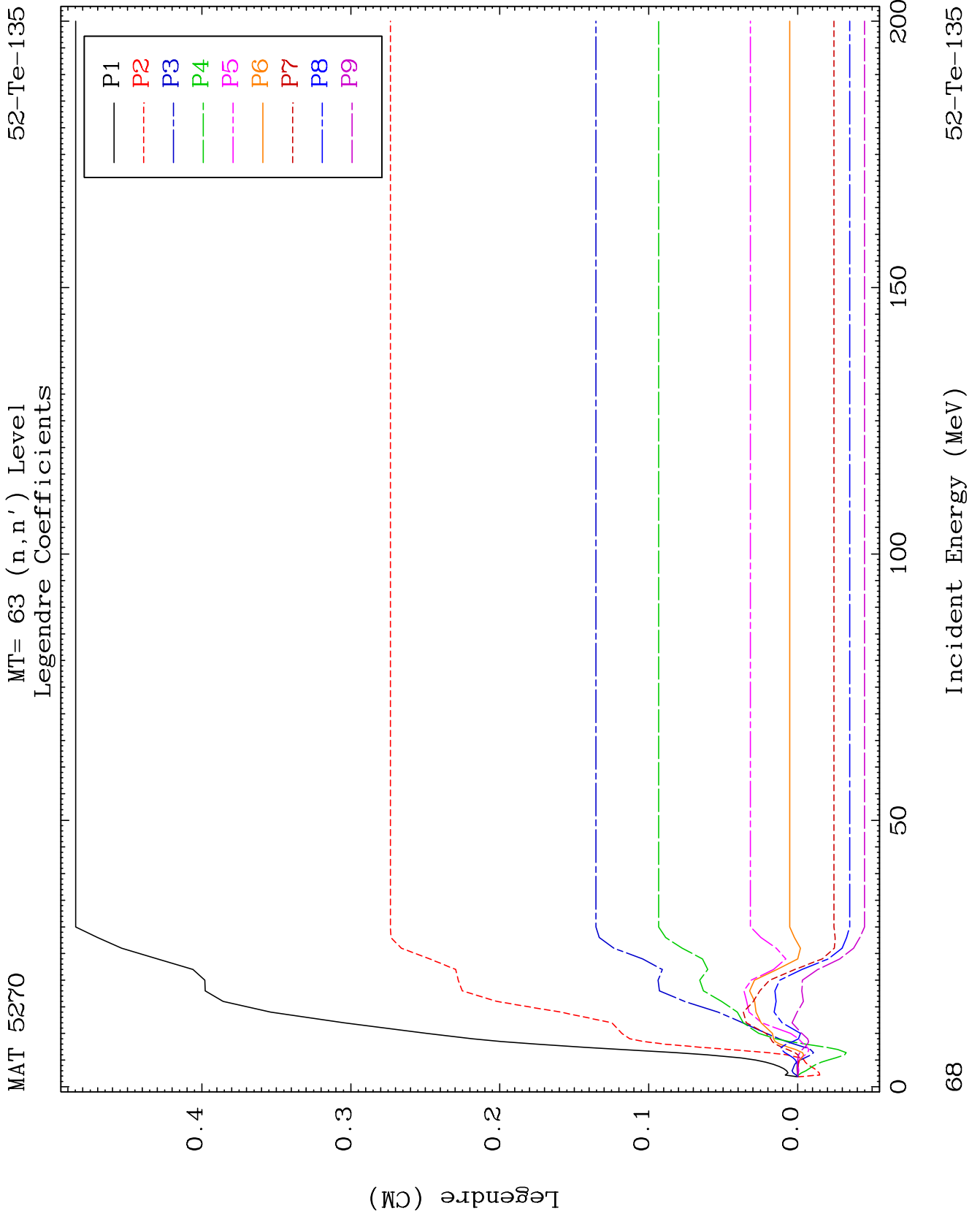
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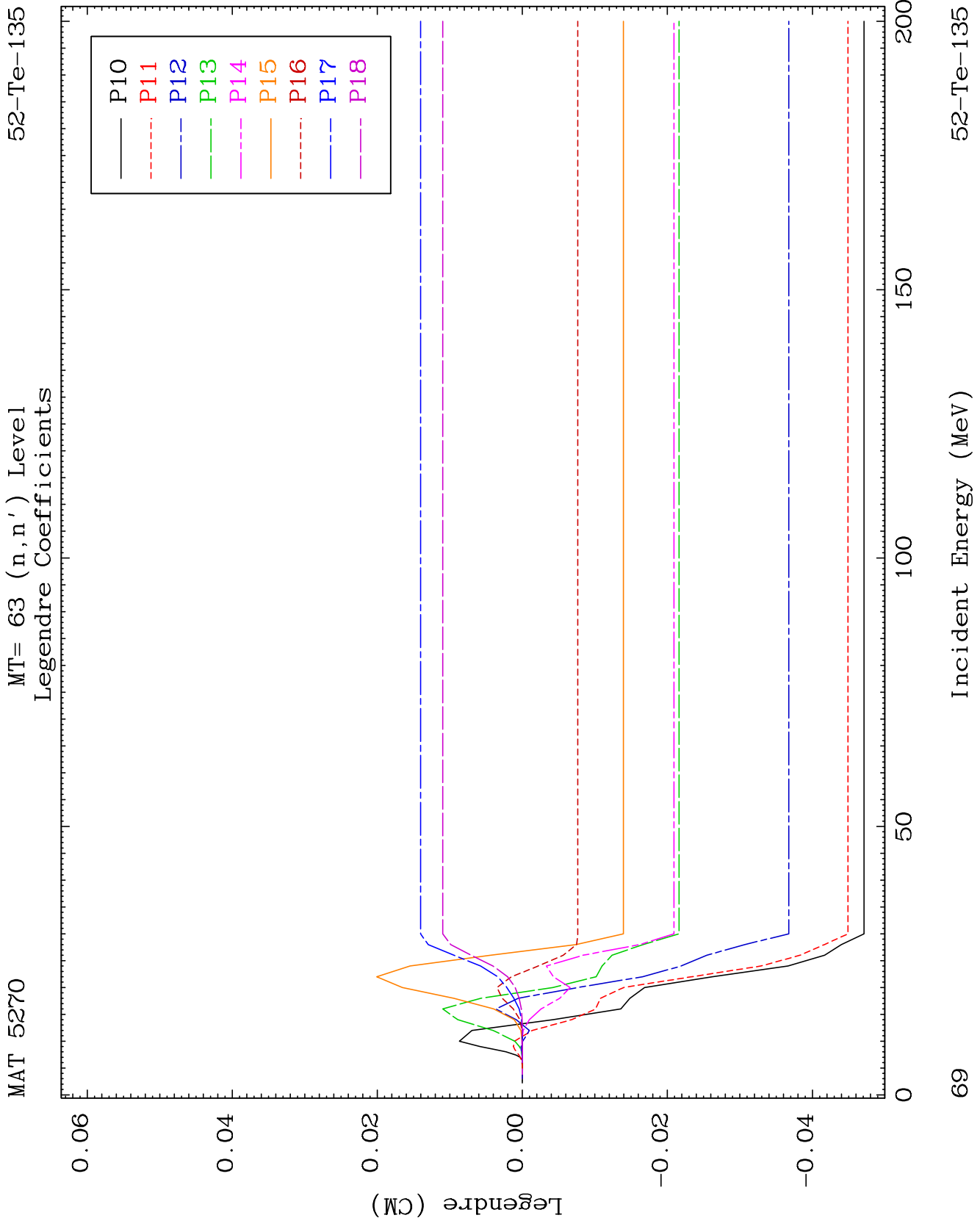


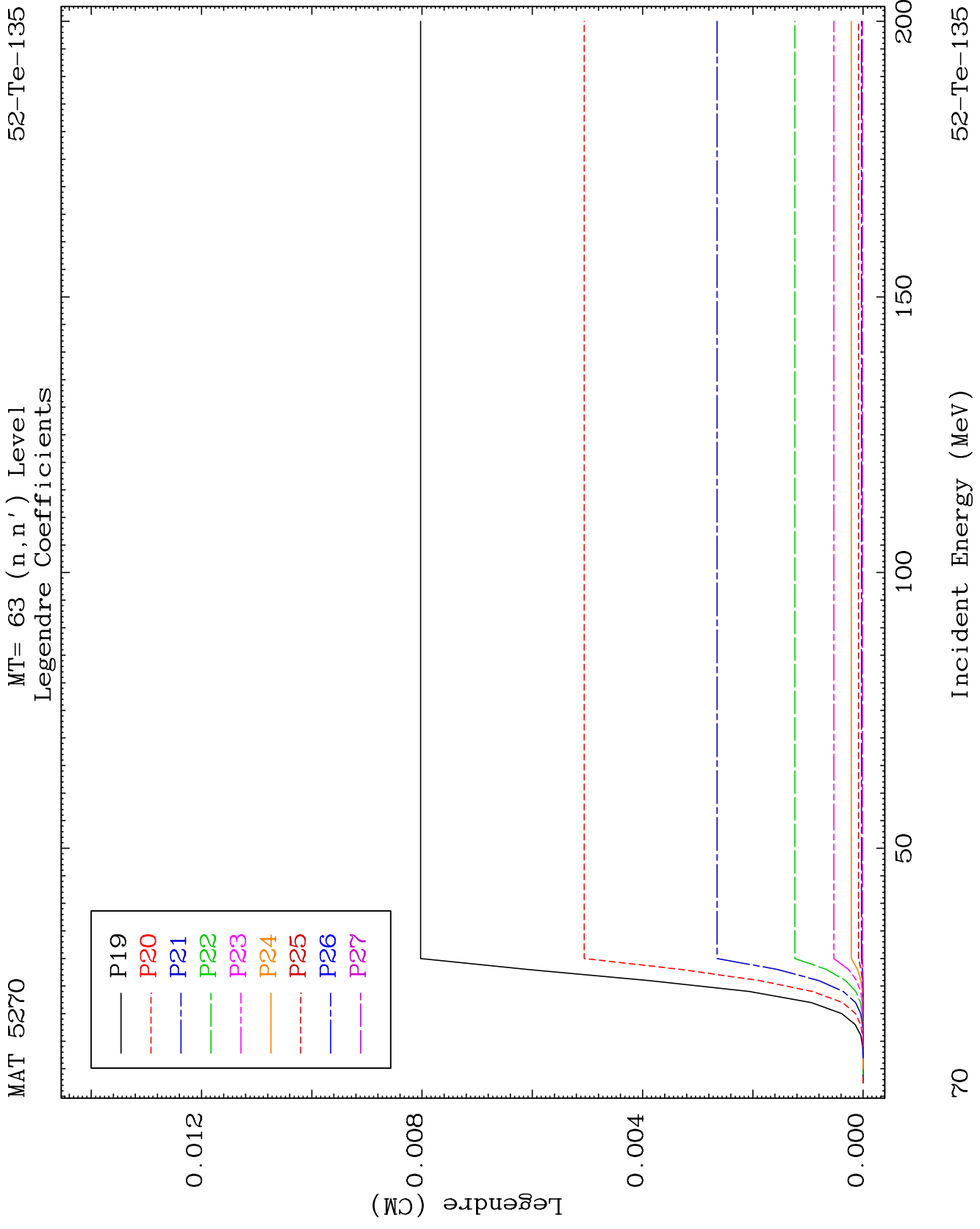
67

Incident Energy (MeV)

52-Te-135



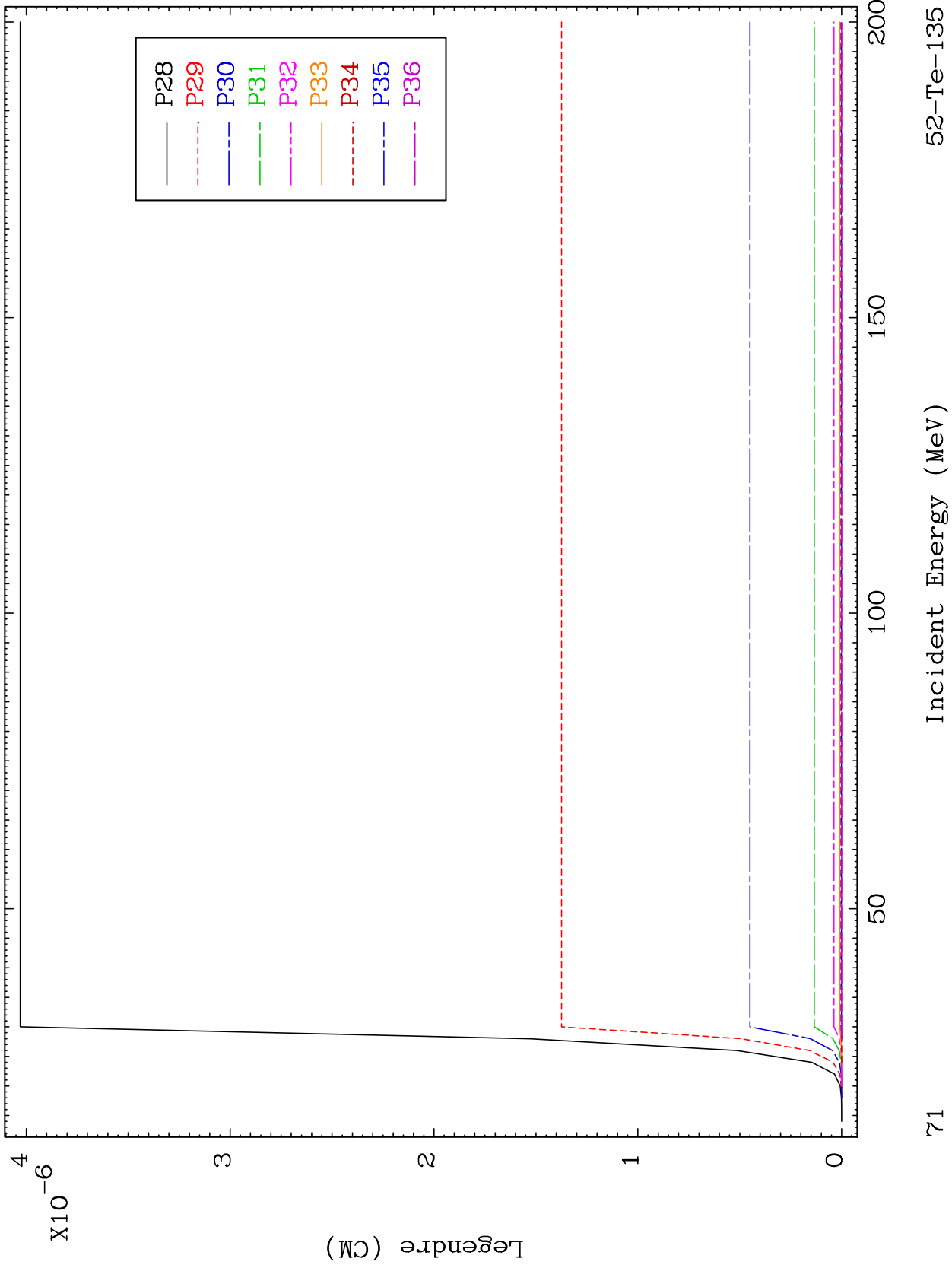




MAT 5270

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

52-Te-135

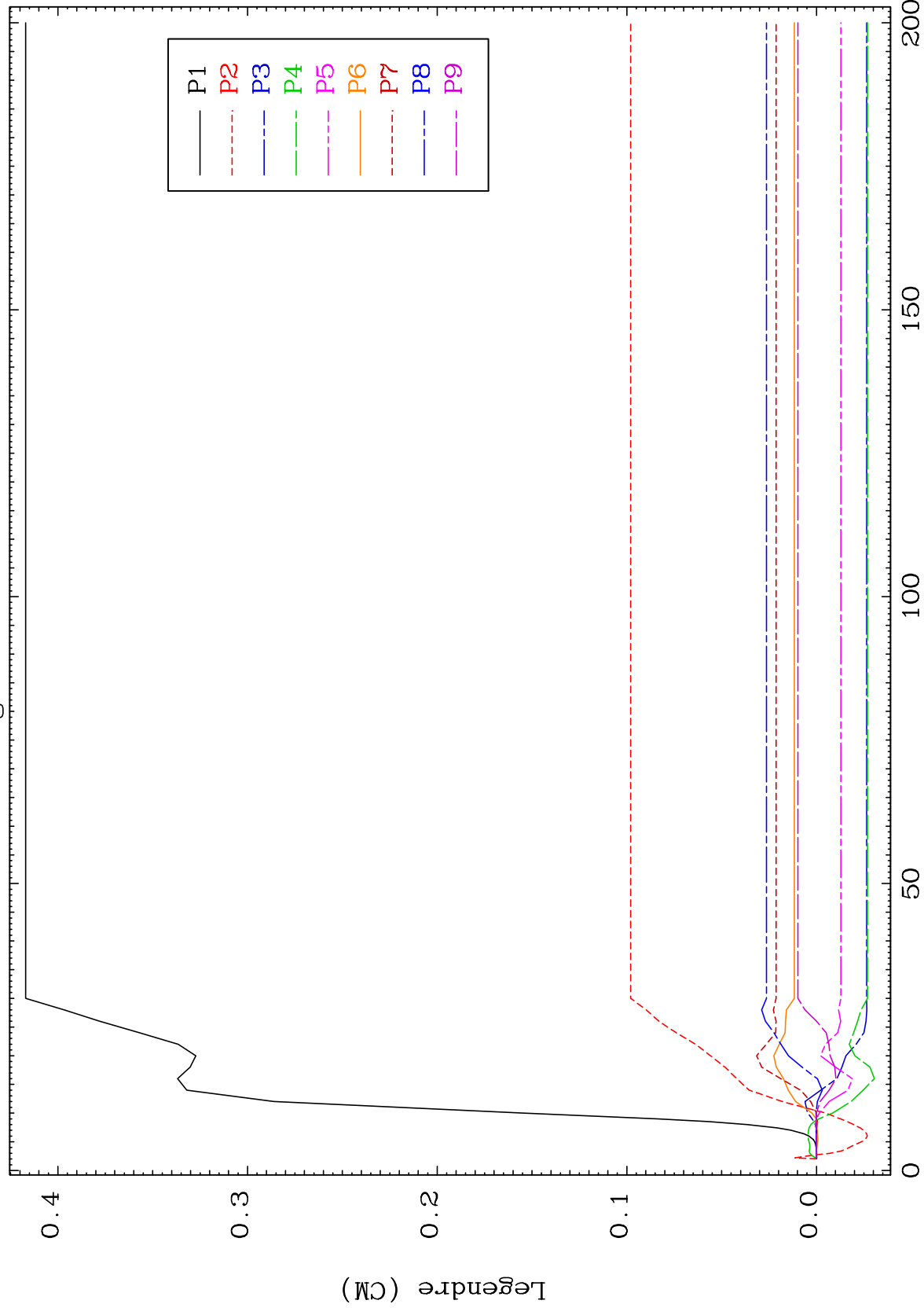




MAT 5270

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

52-Te-135

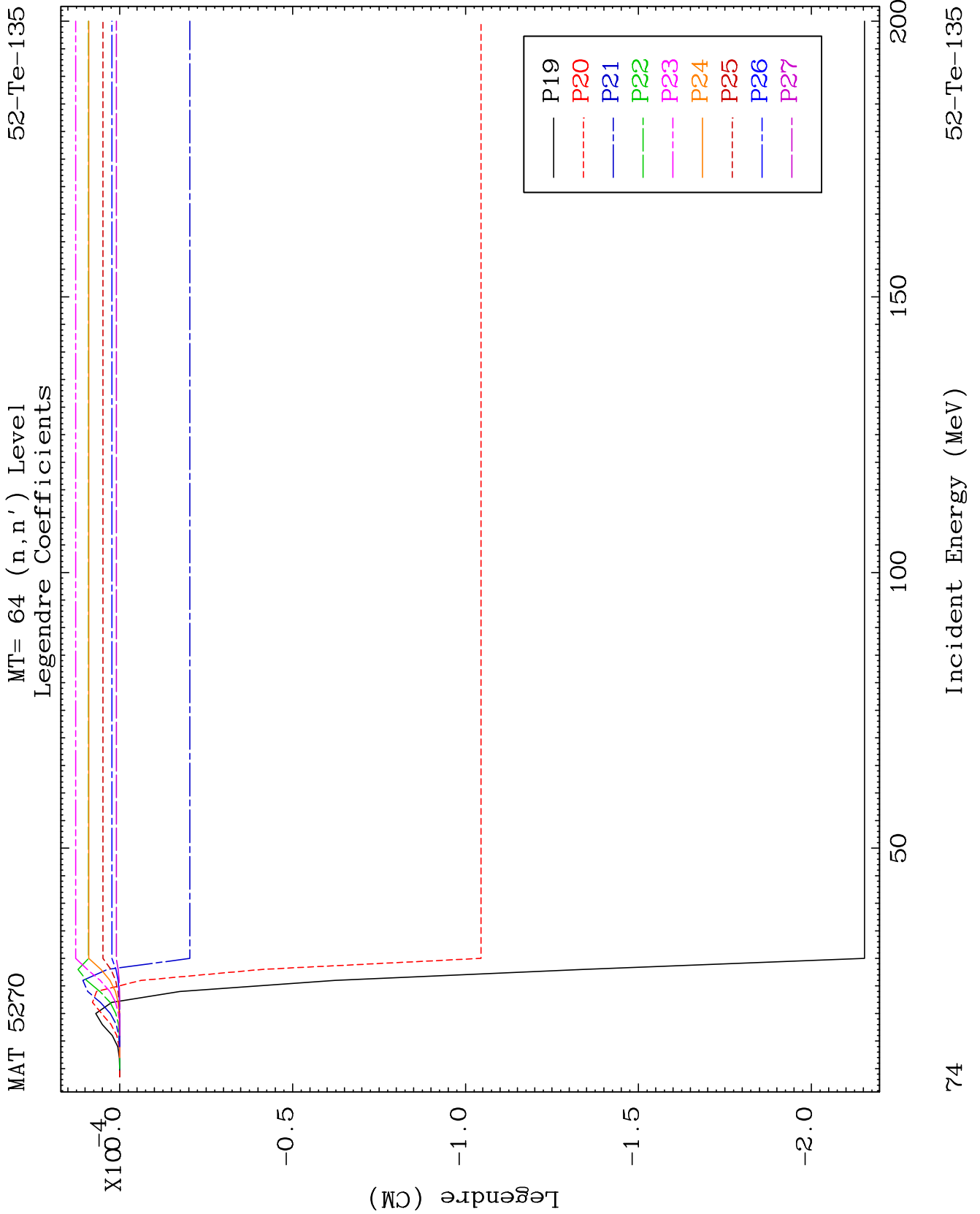


72

Incident Energy (MeV)

52-Te-135

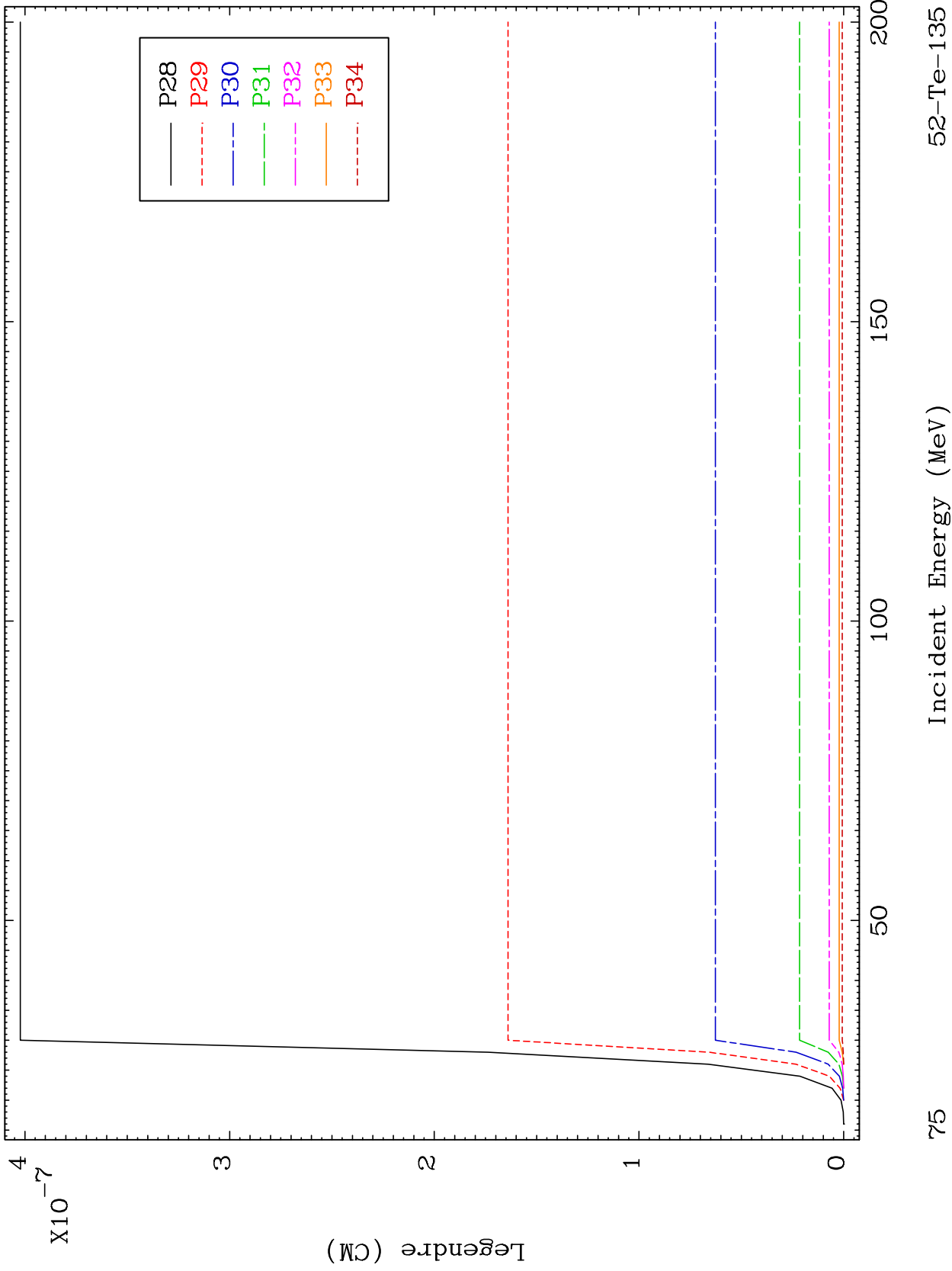


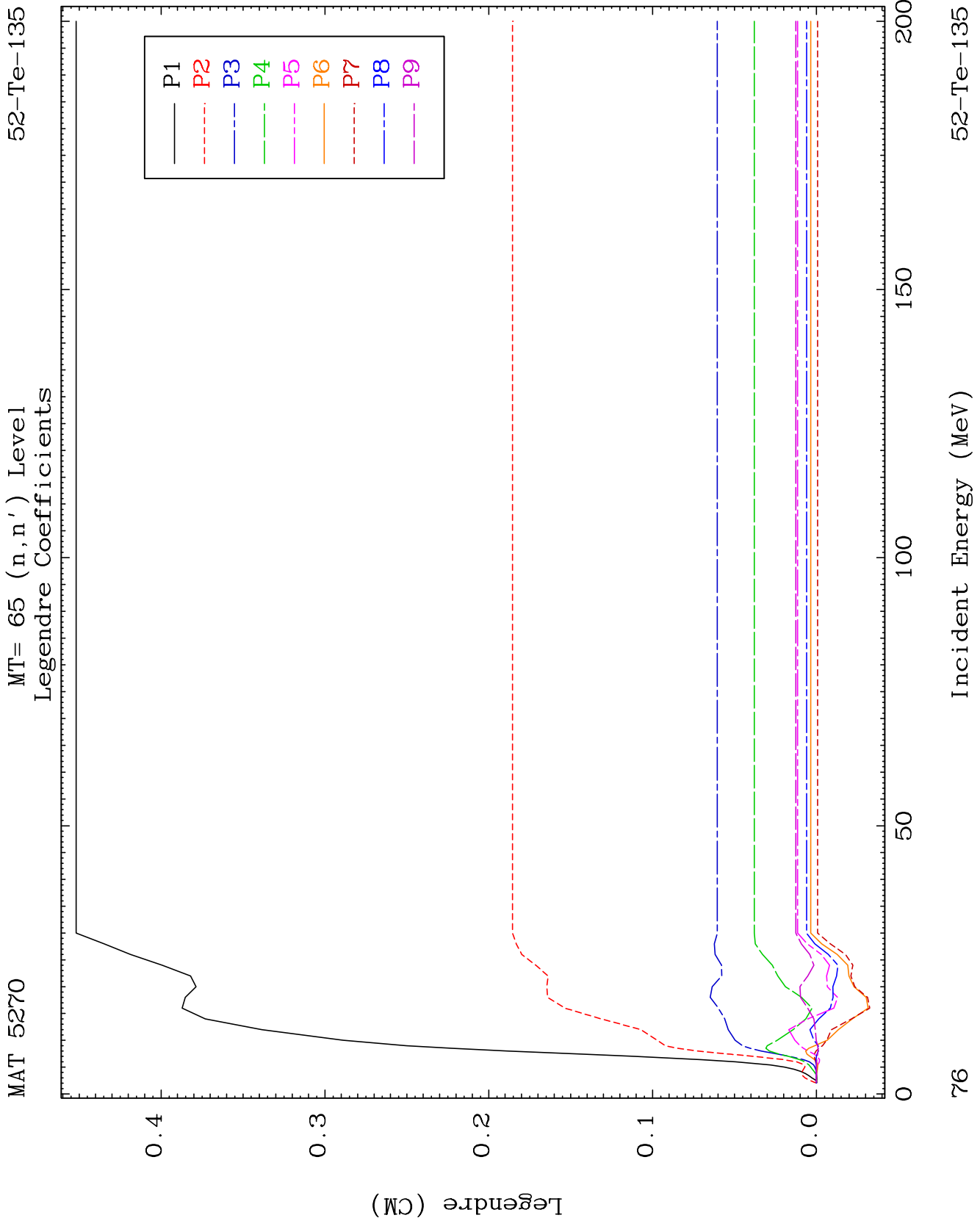


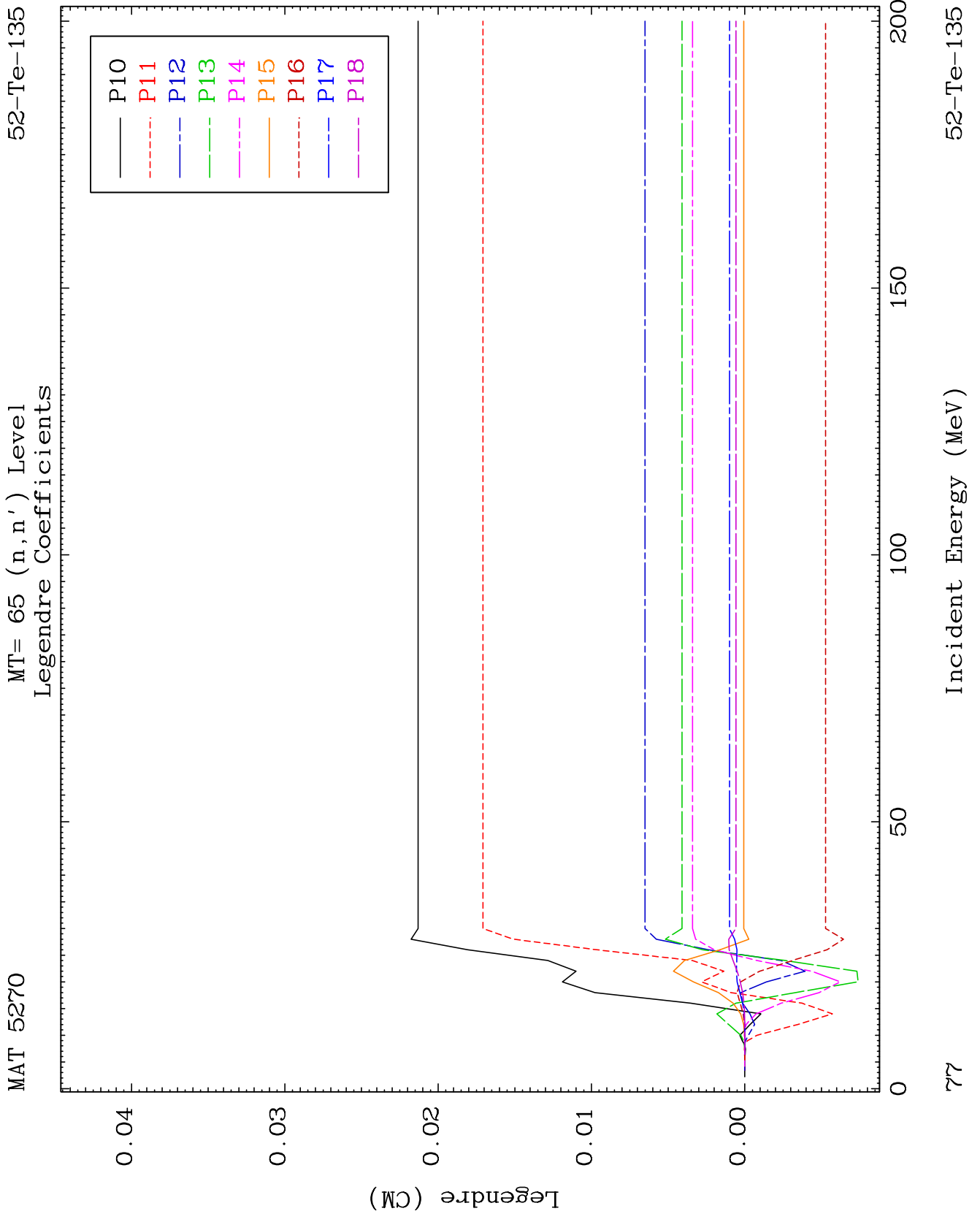
MAT 5270

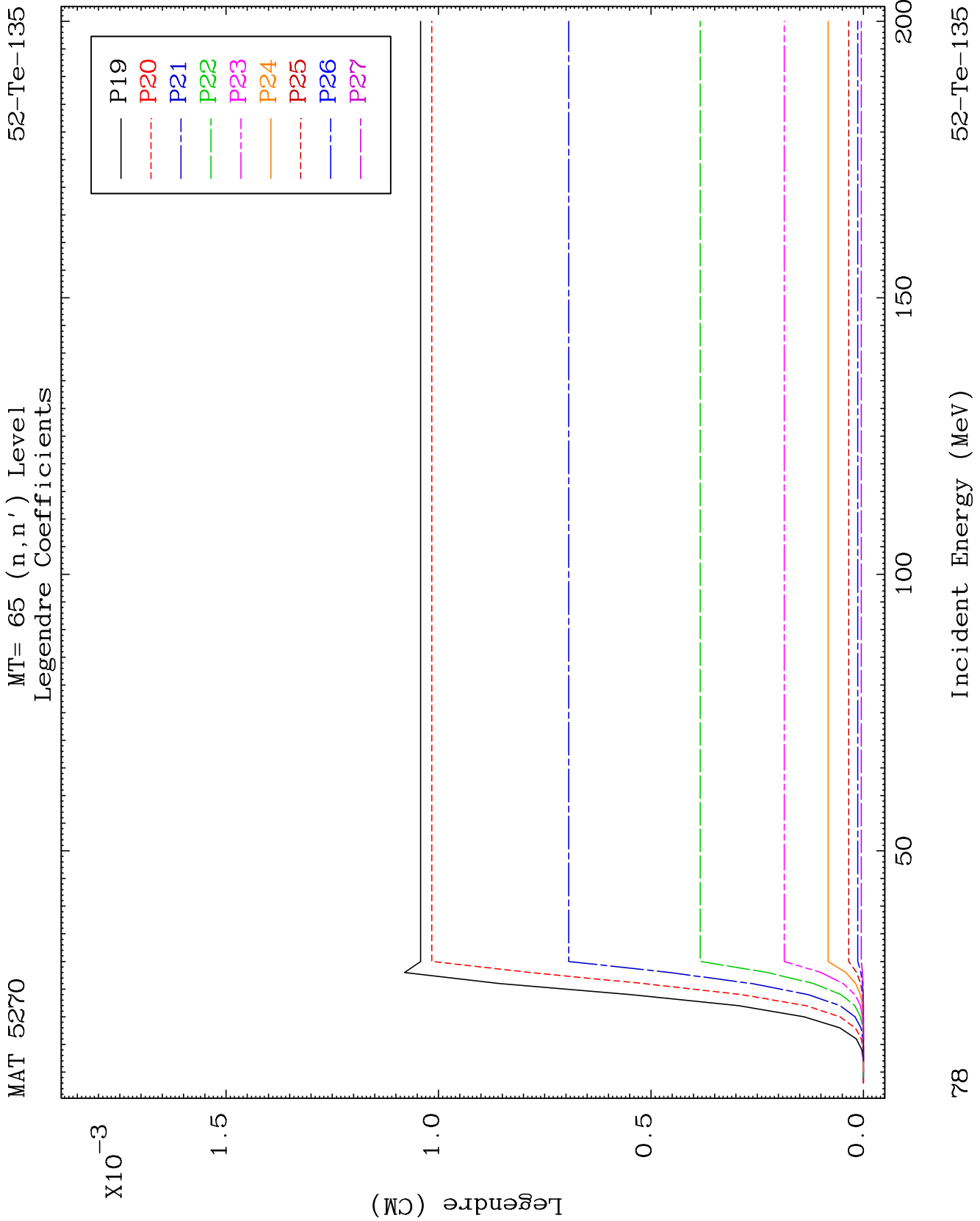
MT= 64 (n,n') Level  
Legendre Coefficients

52-Te-135





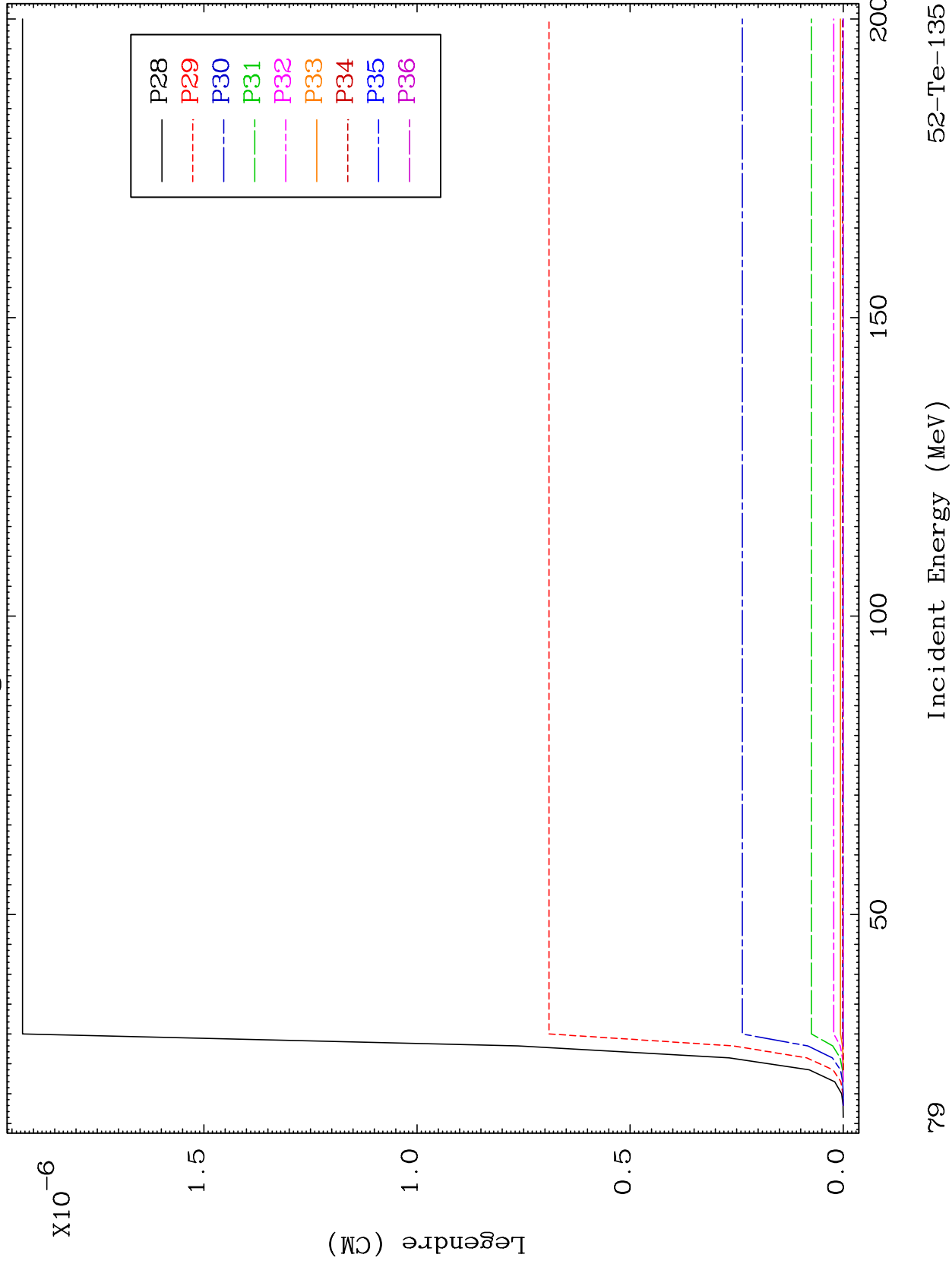




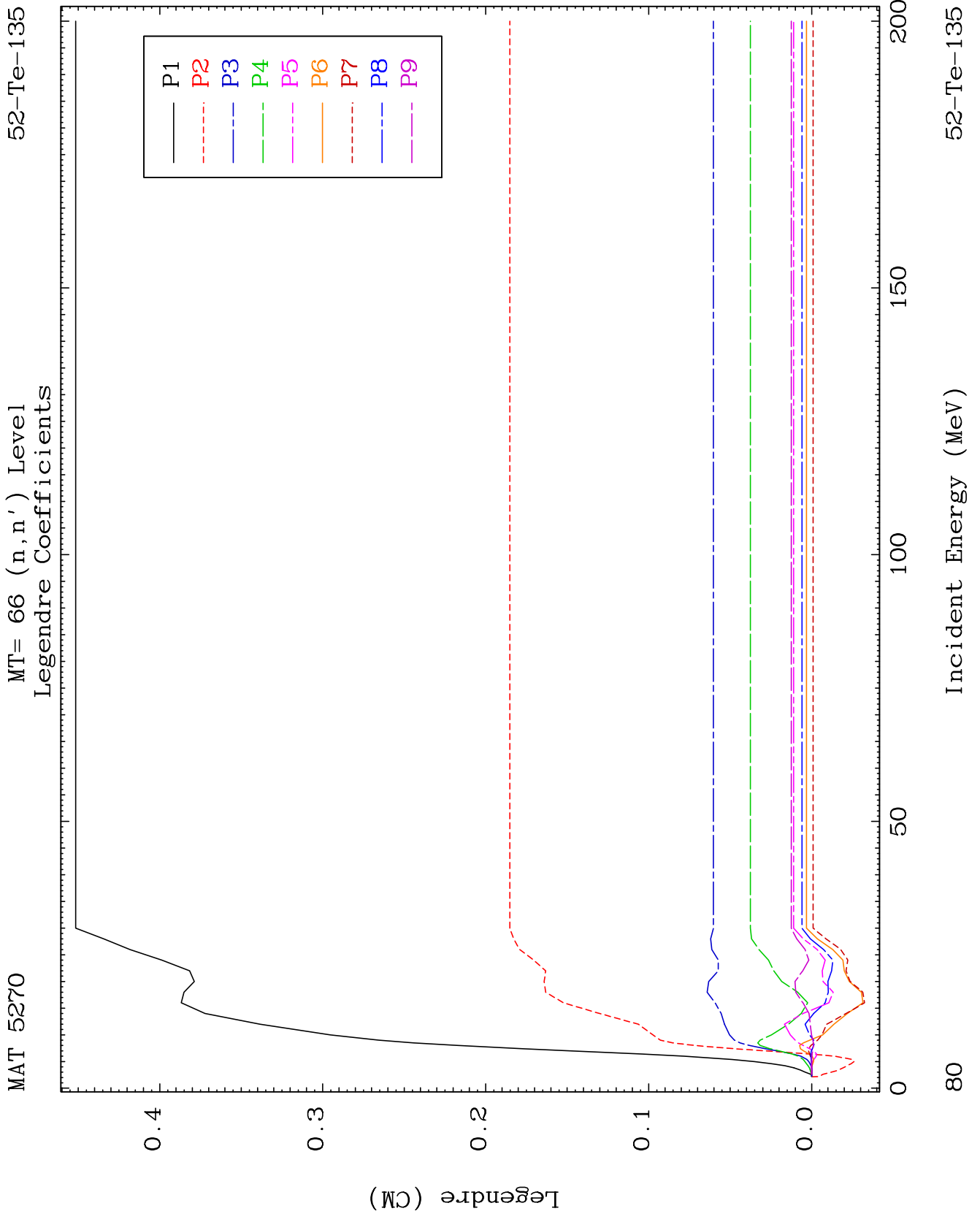
MAT 5270

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

52-Te-135



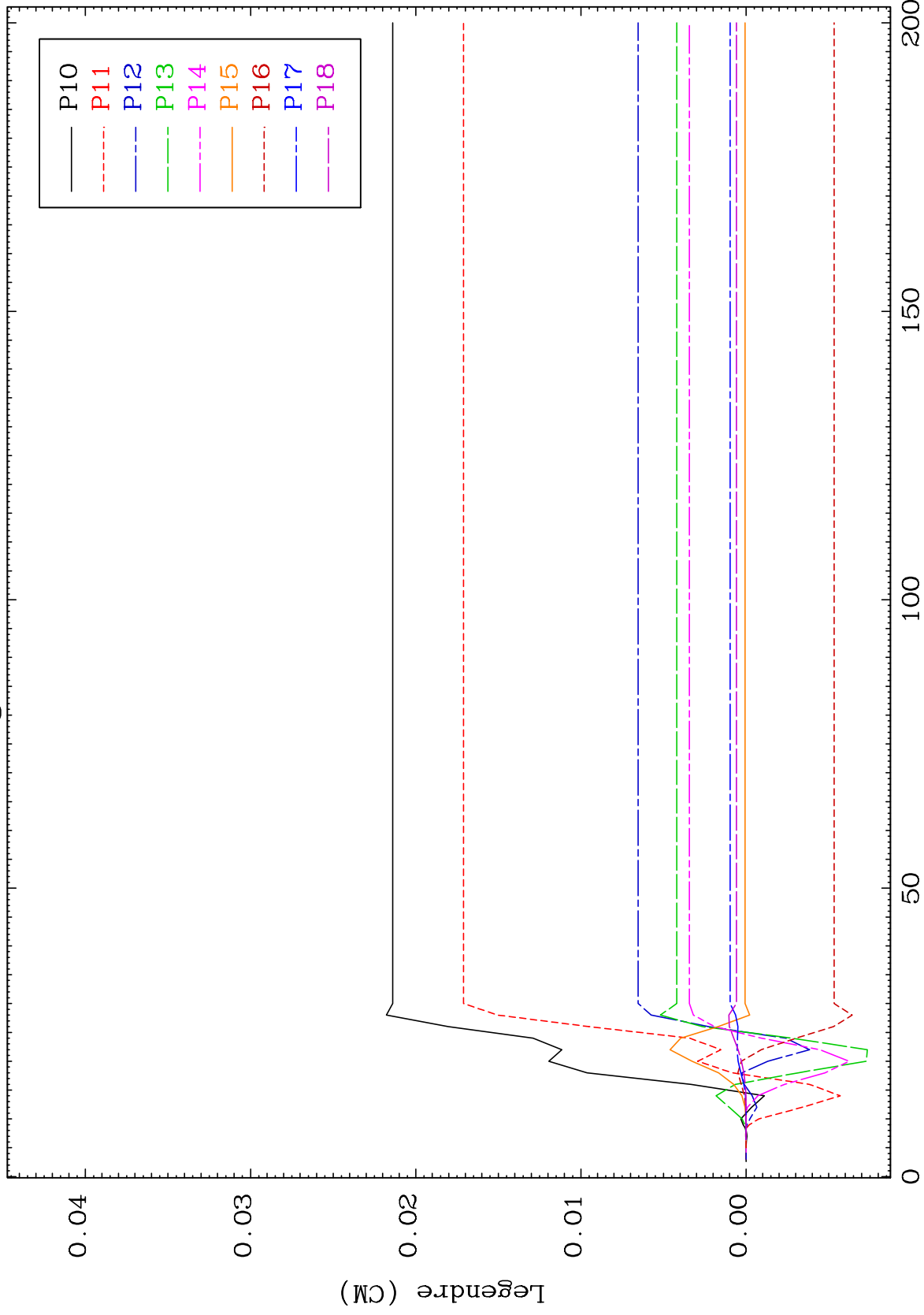




MAT 5270

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

52-Te-135



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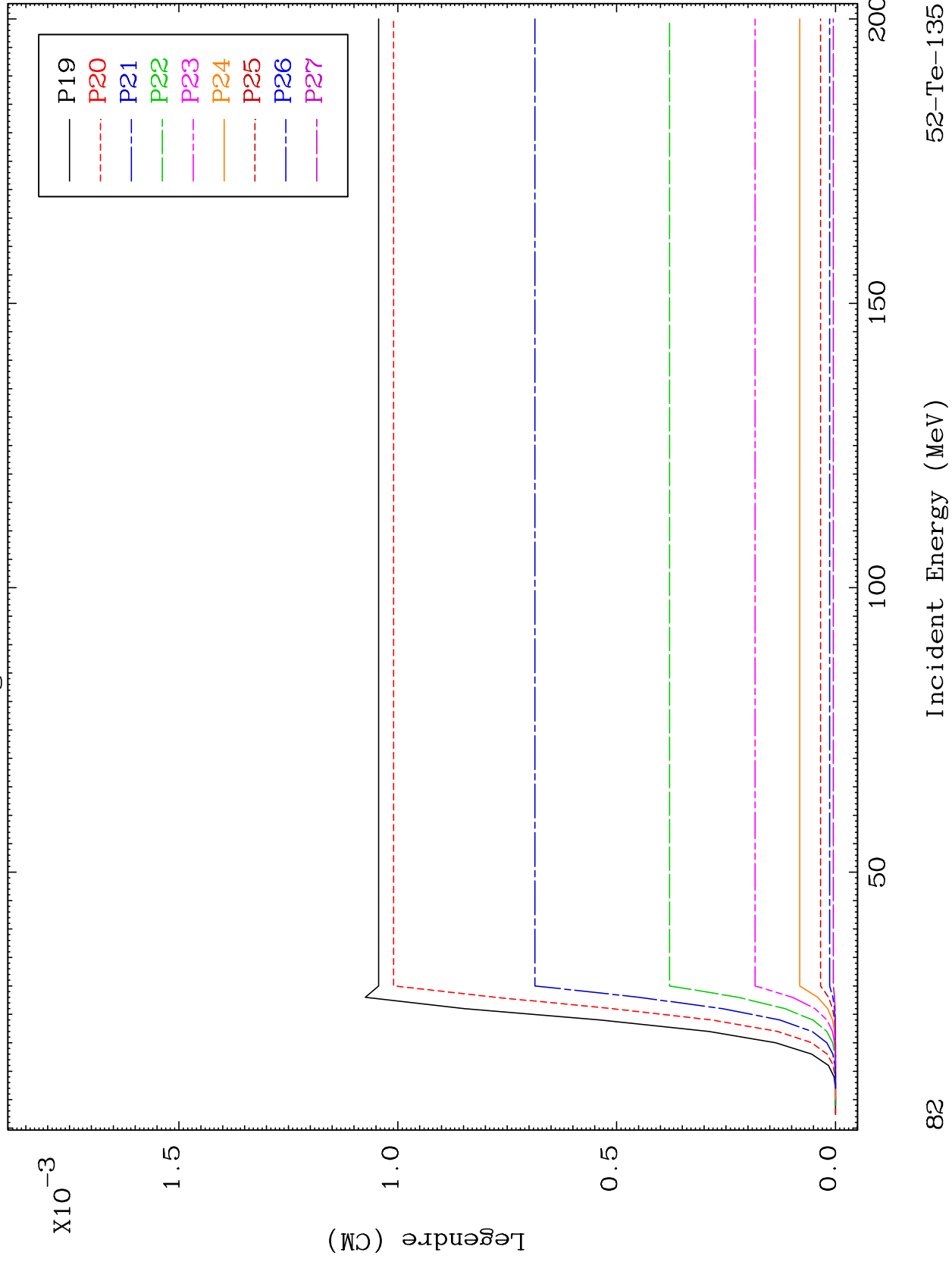
Incident Energy (MeV)

52-Te-135

MAT 5270

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

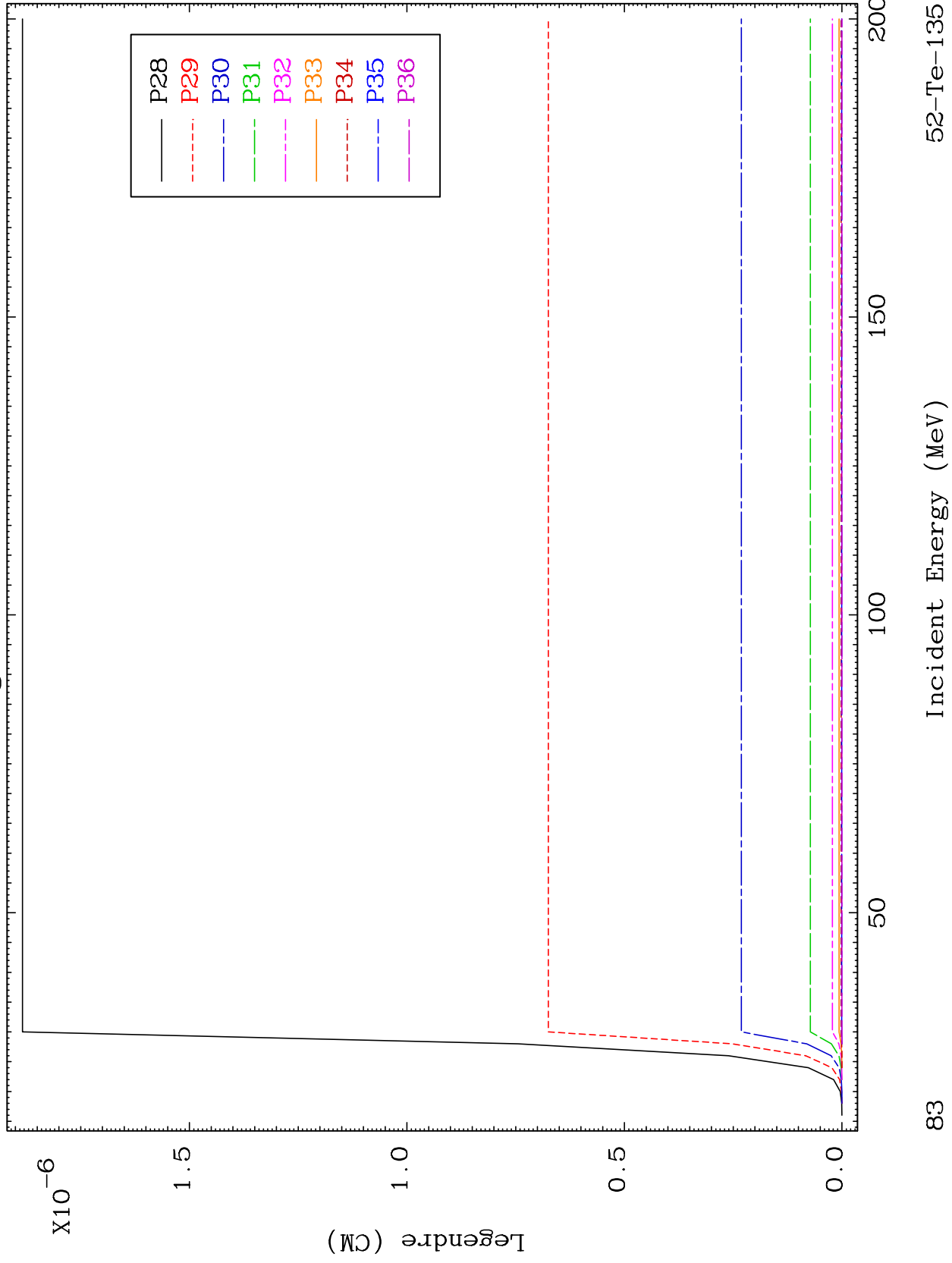
52-Te-135



MAT 5270

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

52-Te-135

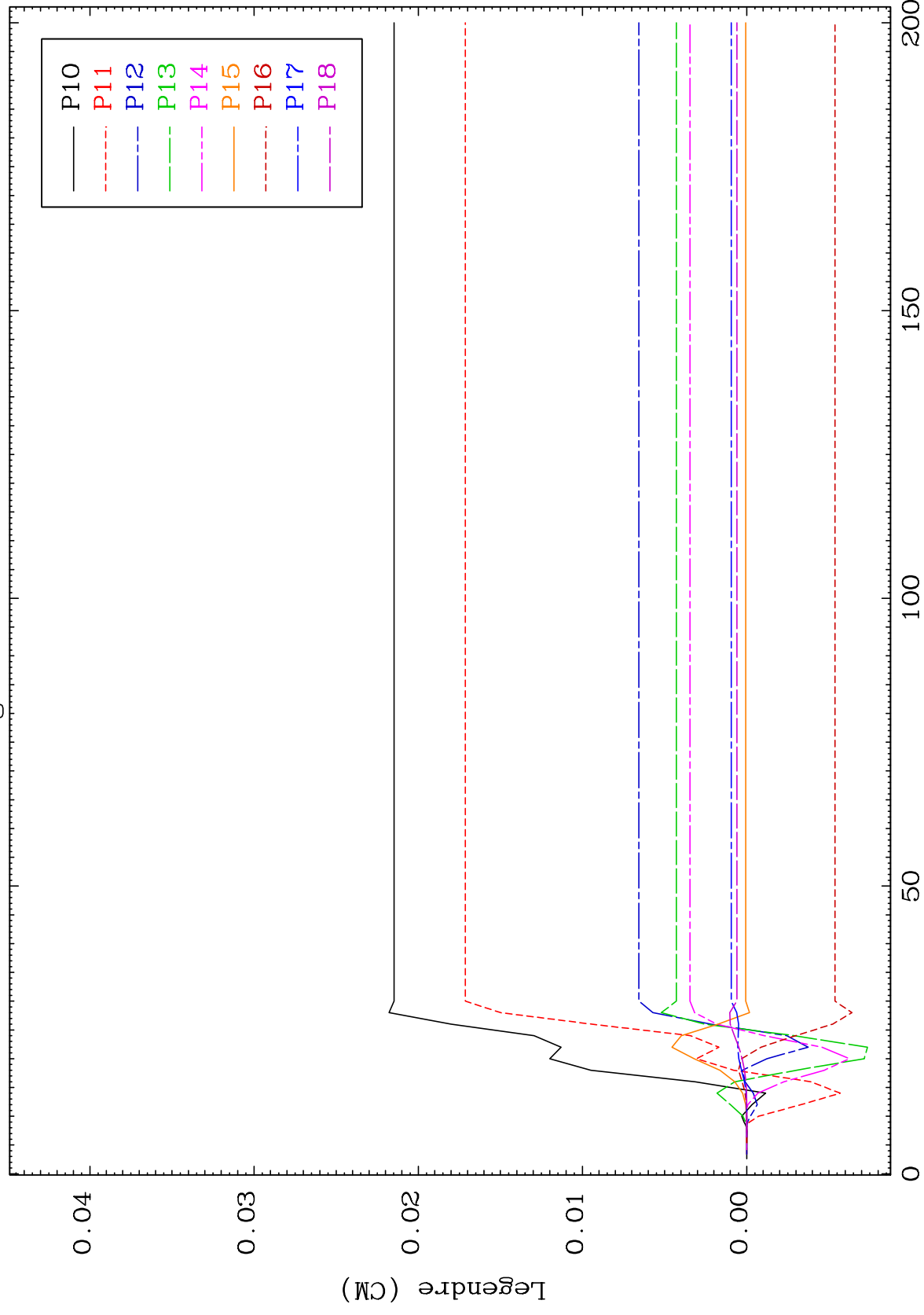




MAT 5270

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

52-Te-135



85

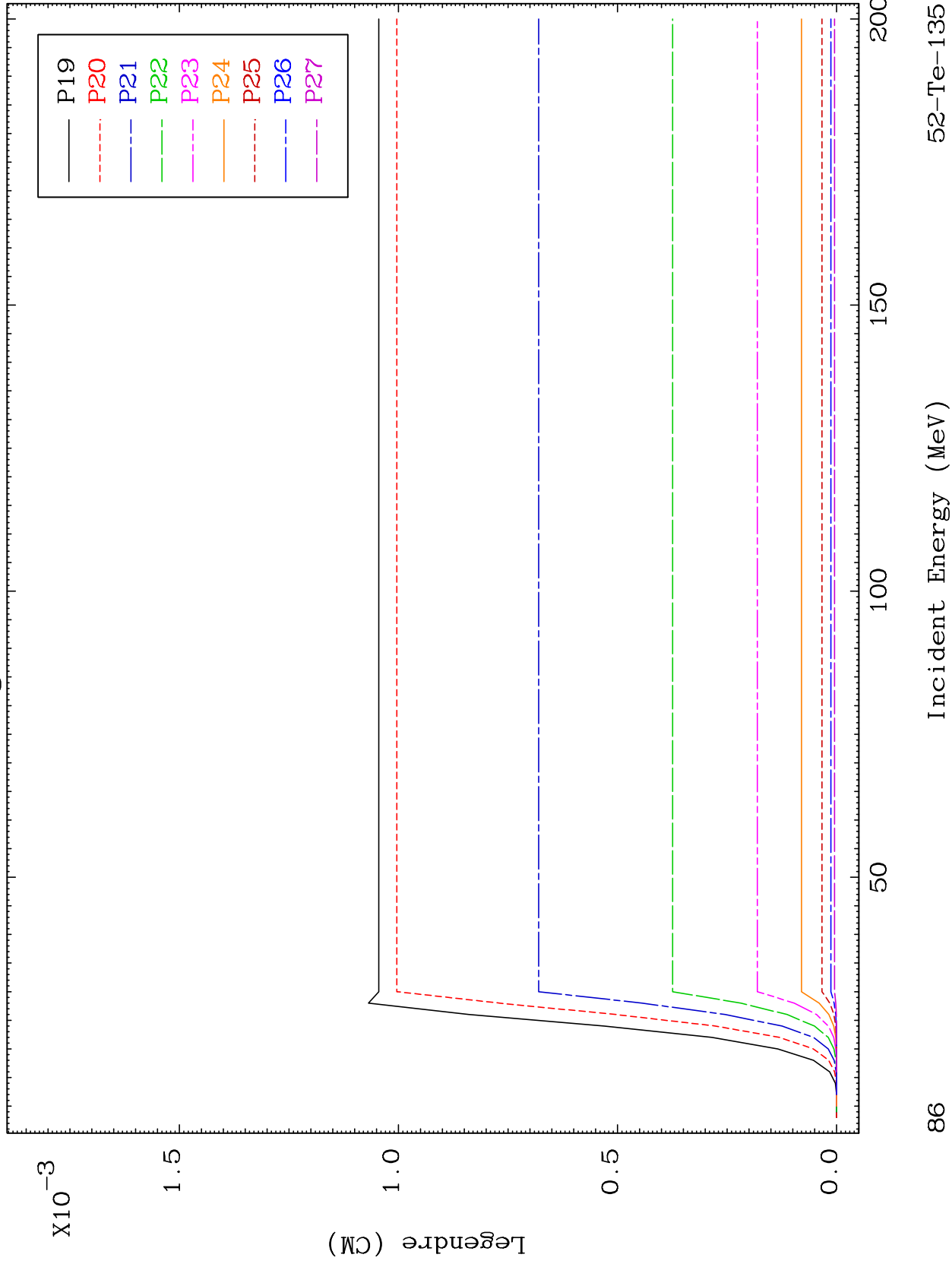
Incident Energy (MeV)

52-Te-135

MAT 5270

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

52-Te-135



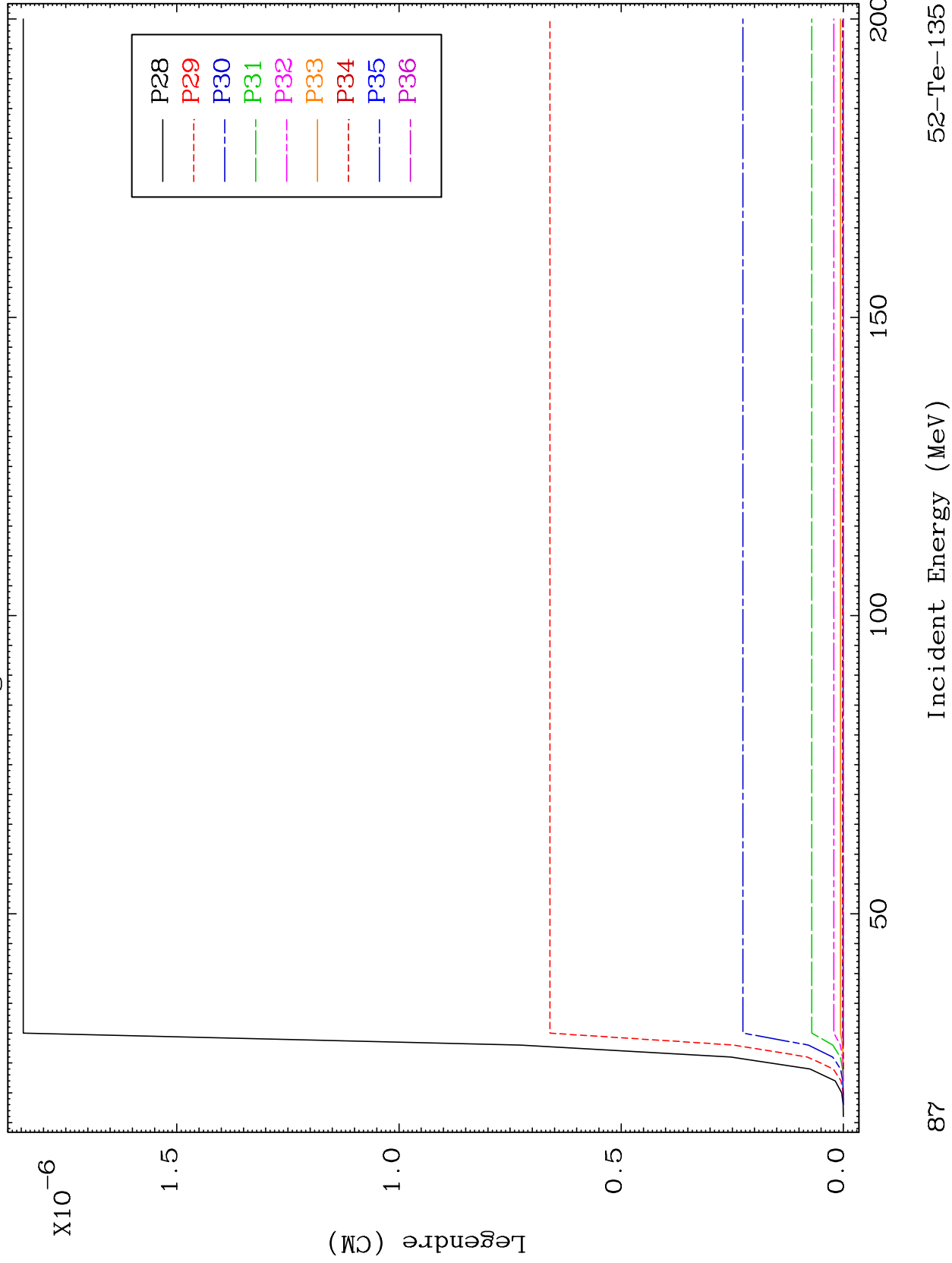
86

52-Te-135

MAT 5270

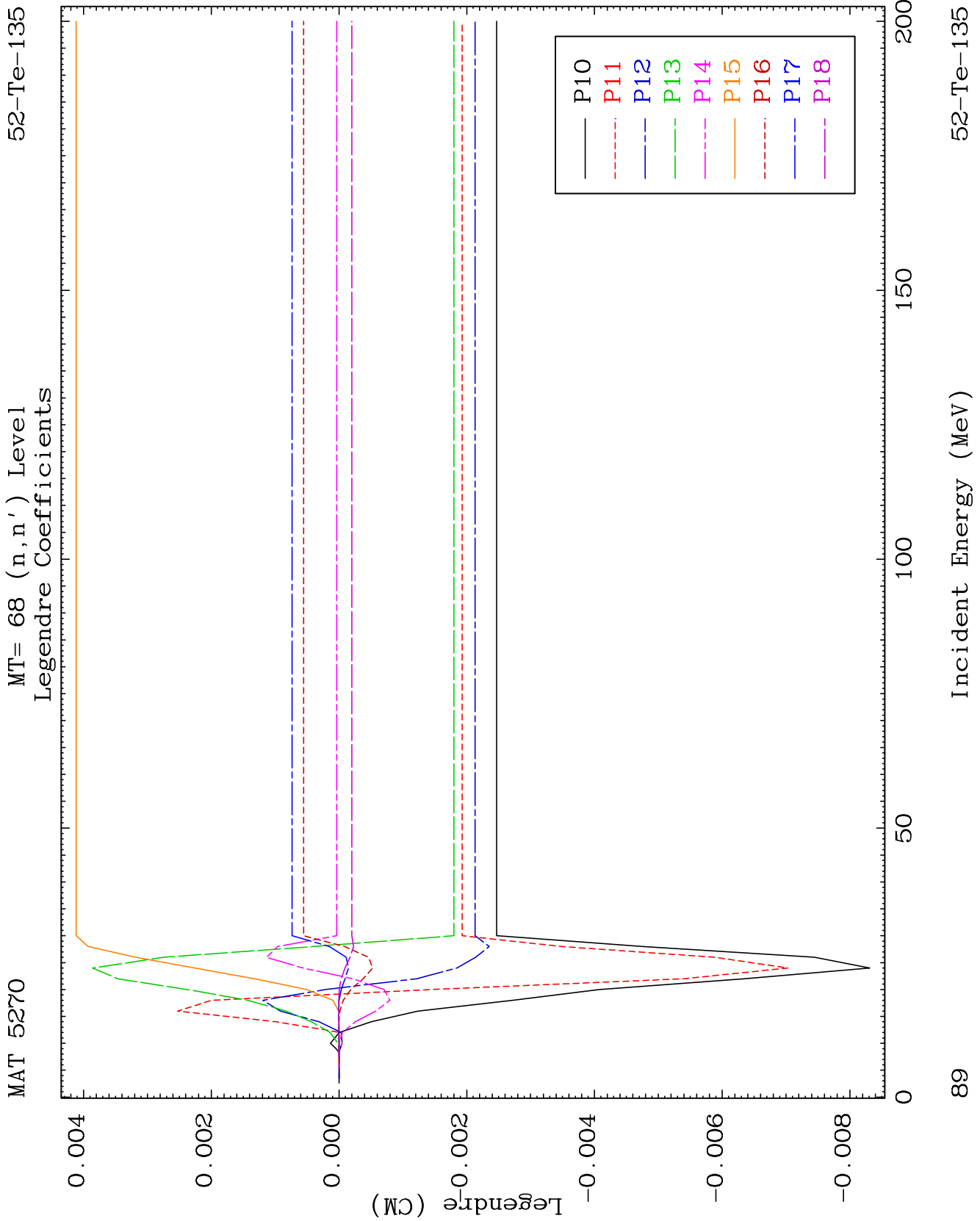
MT= 67 (n,n') Level  
Legendre Coefficients

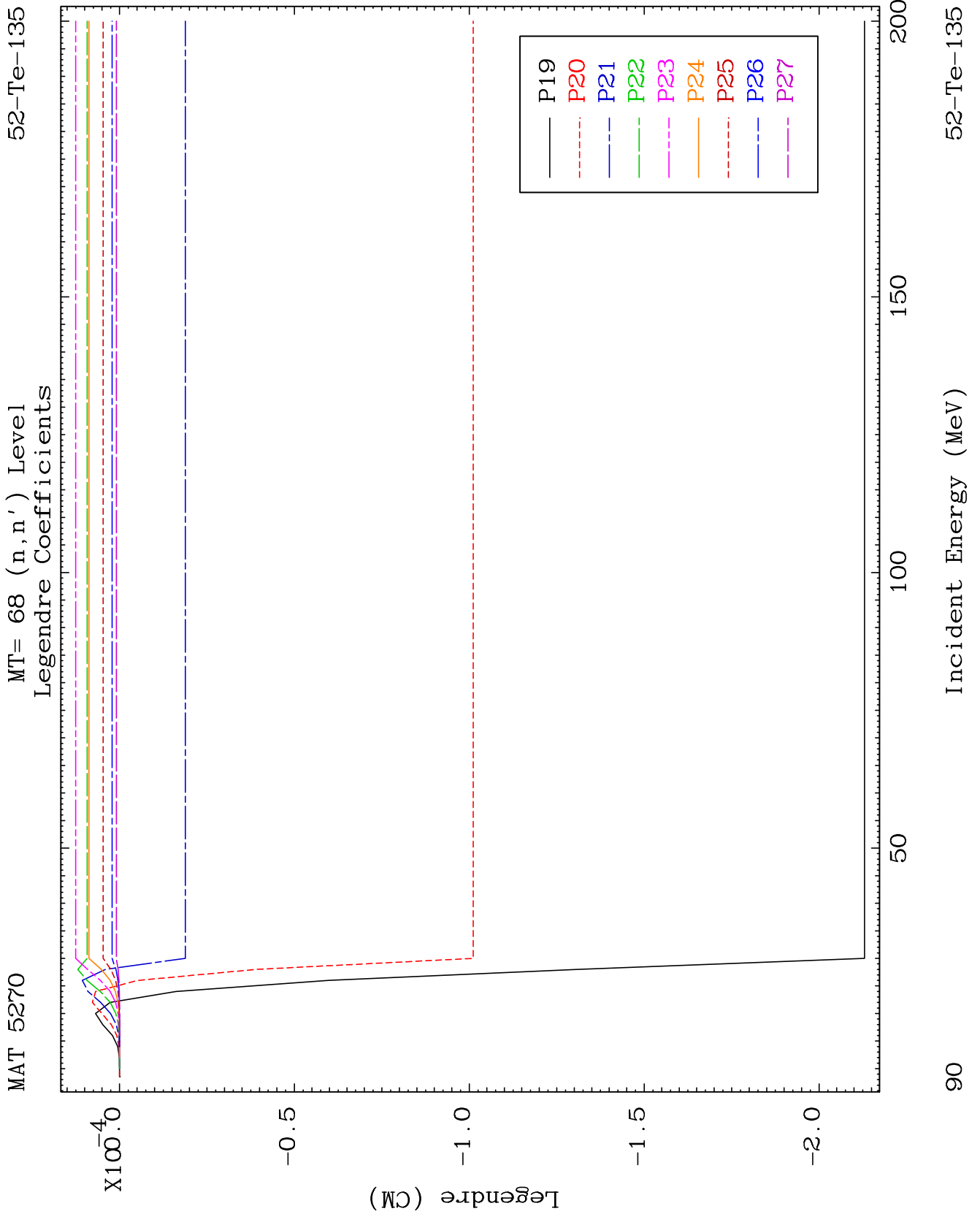
52-Te-135







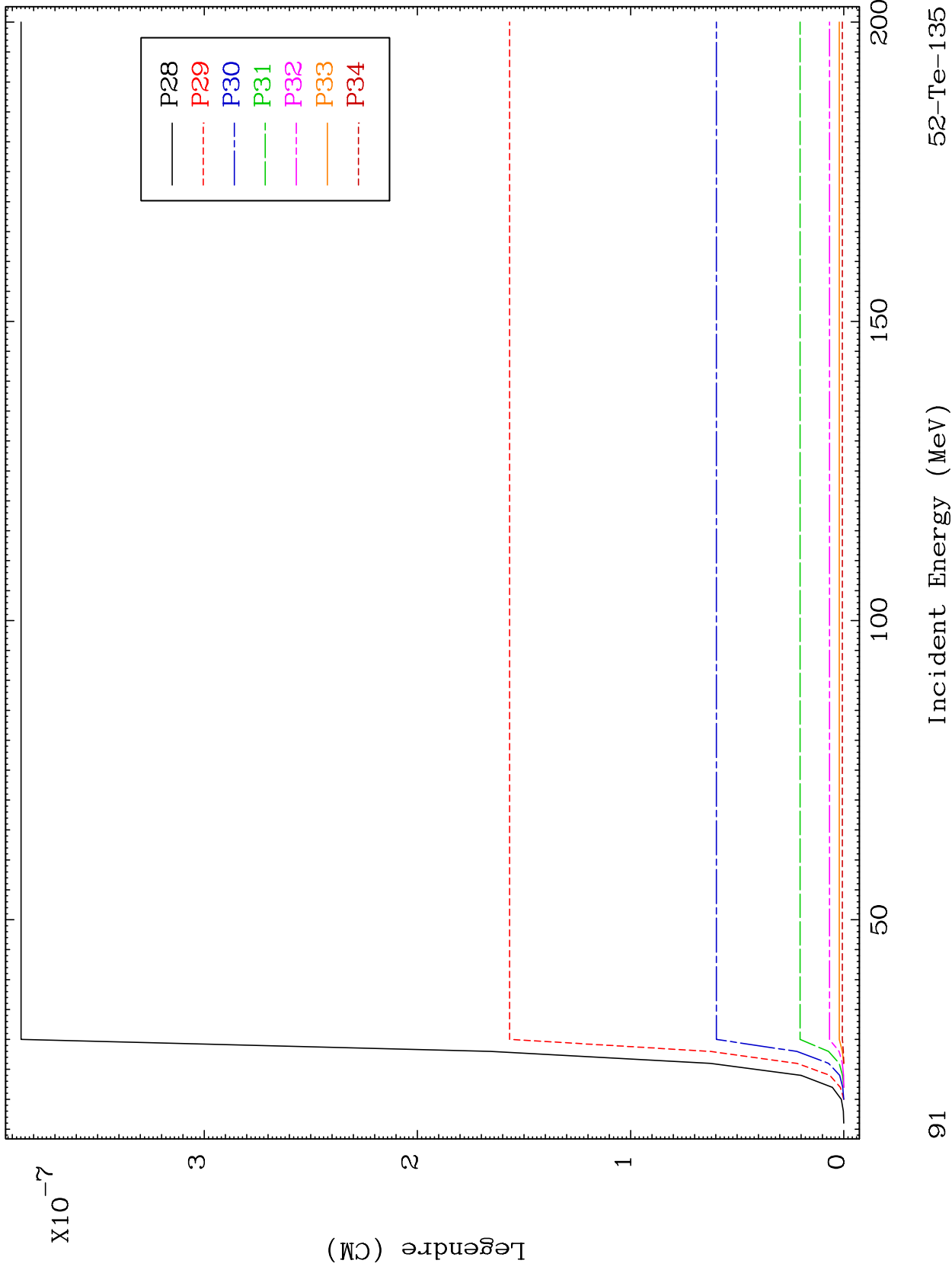


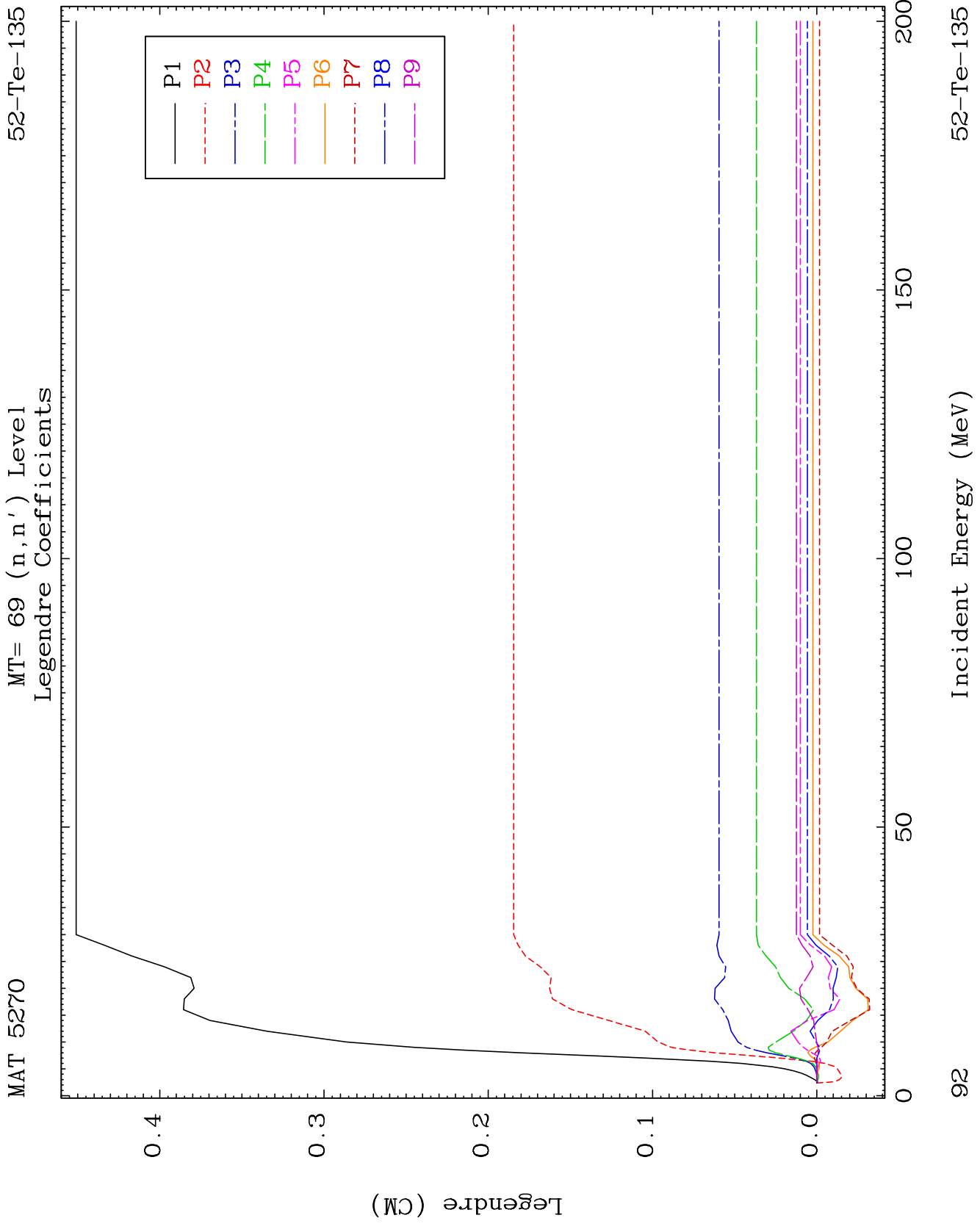


MAT 5270

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

52-Te-135

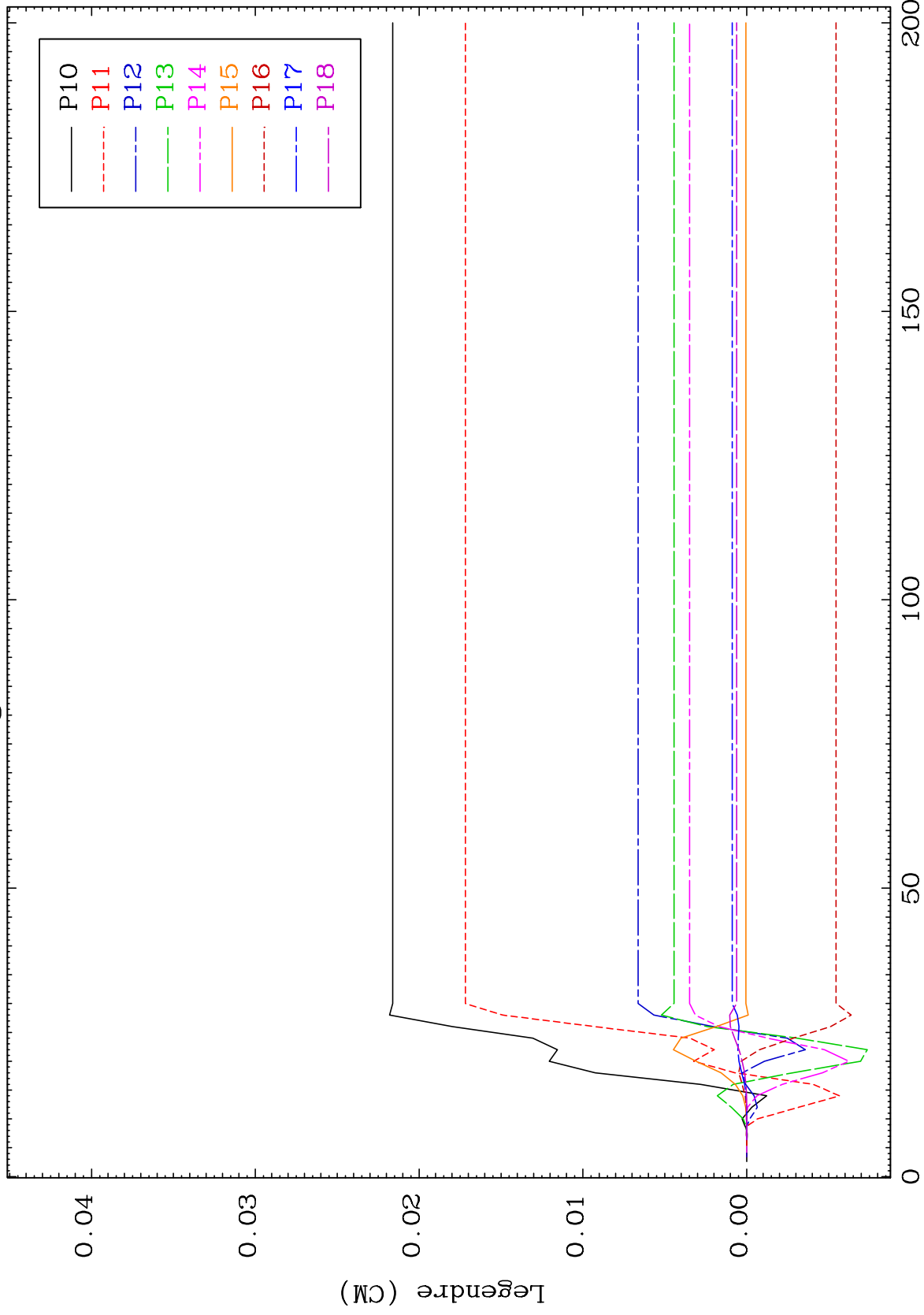




MAT 5270

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

52-Te-135



93

Incident Energy (MeV)

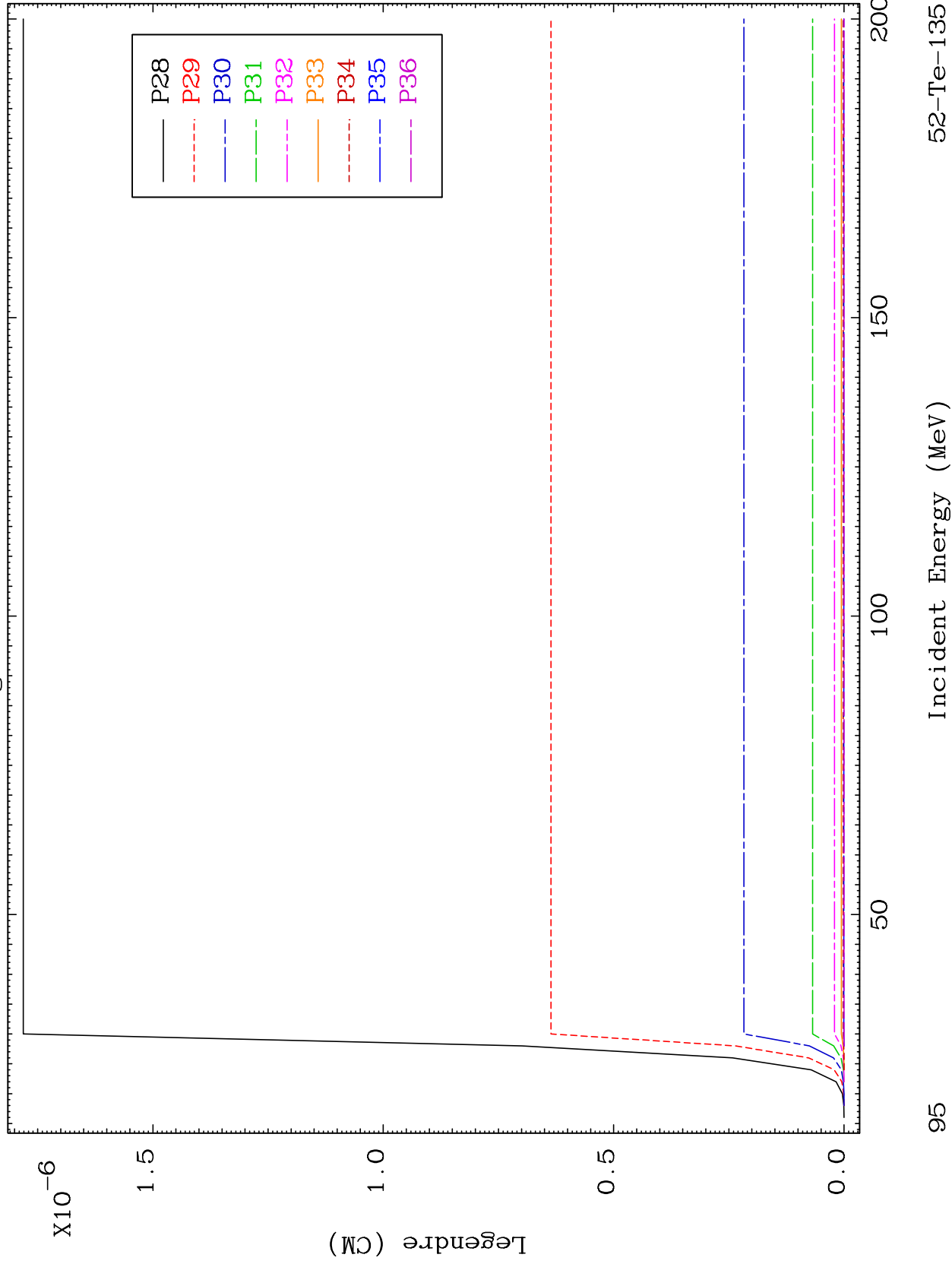
52-Te-135



MAT 5270

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

52-Te-135

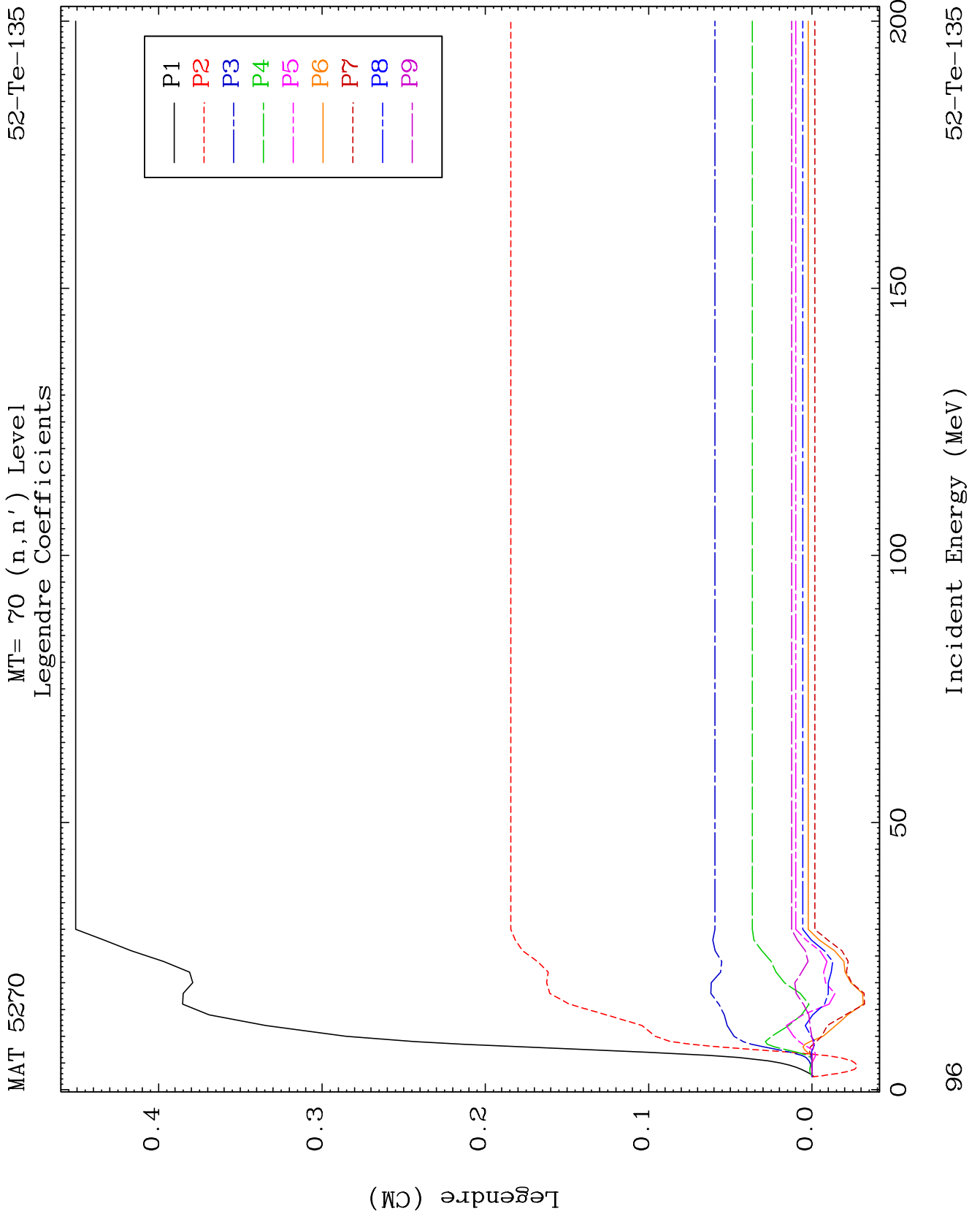


95

Incident Energy (MeV)

52-Te-135

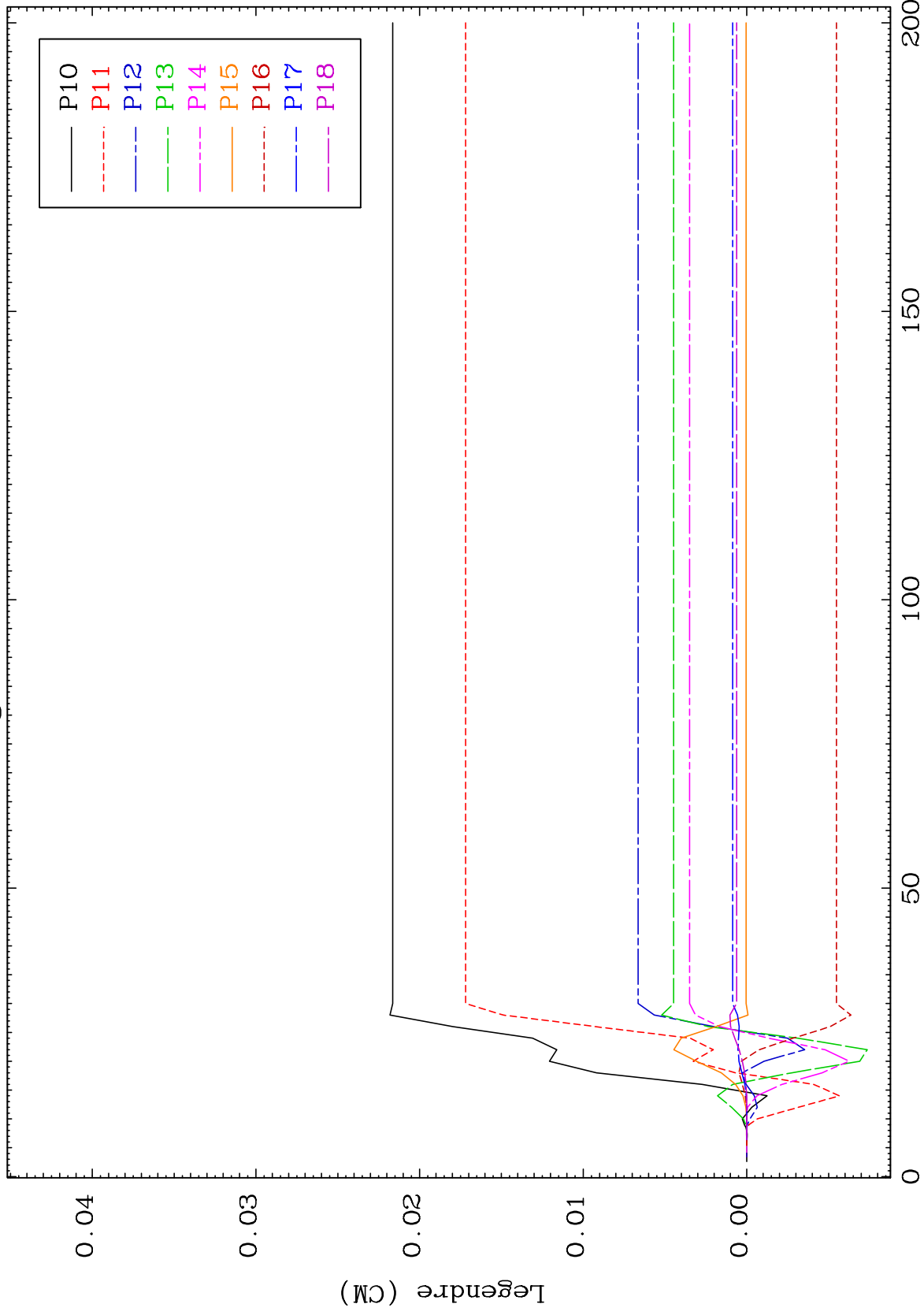




MAT 5270

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

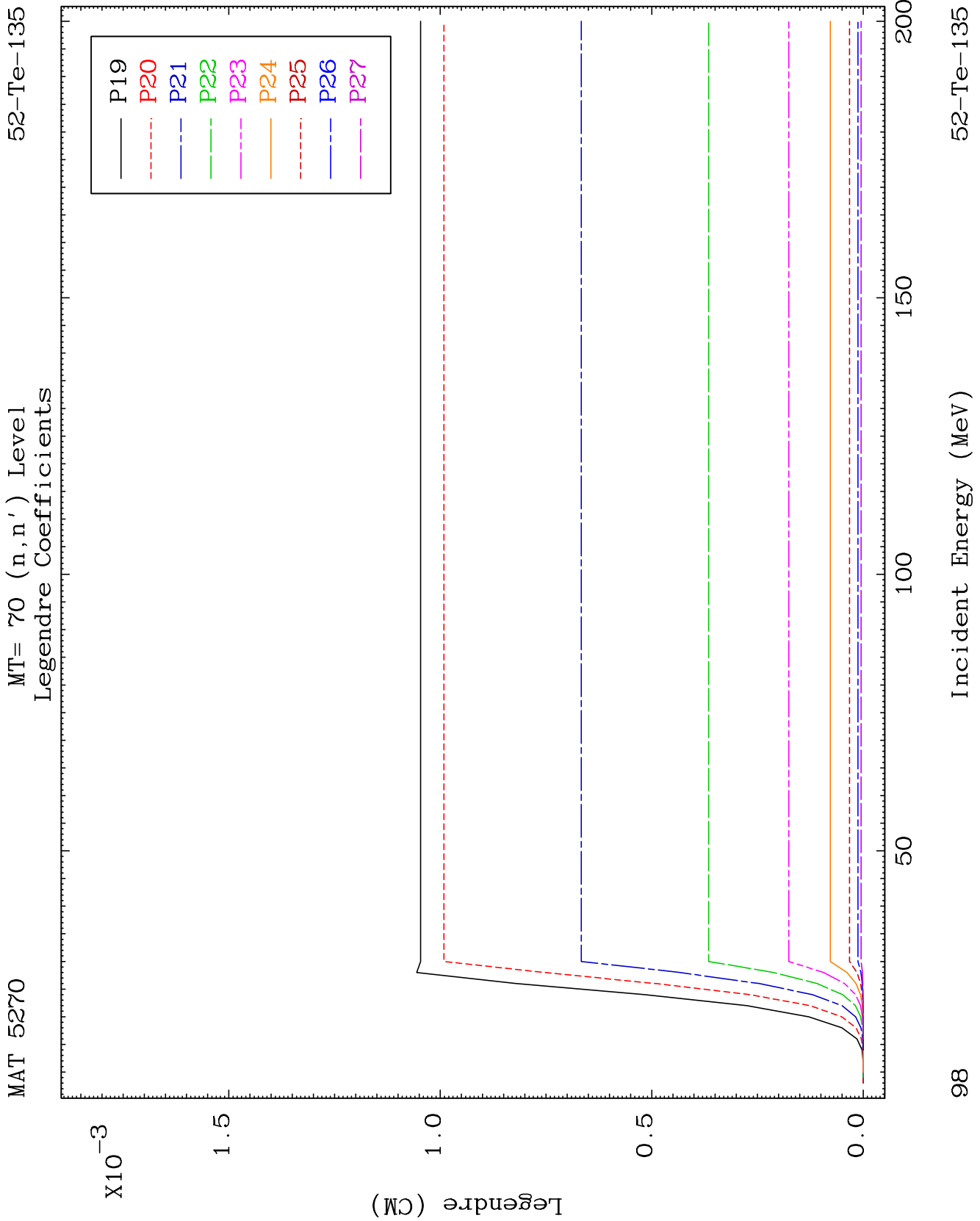
52-Te-135

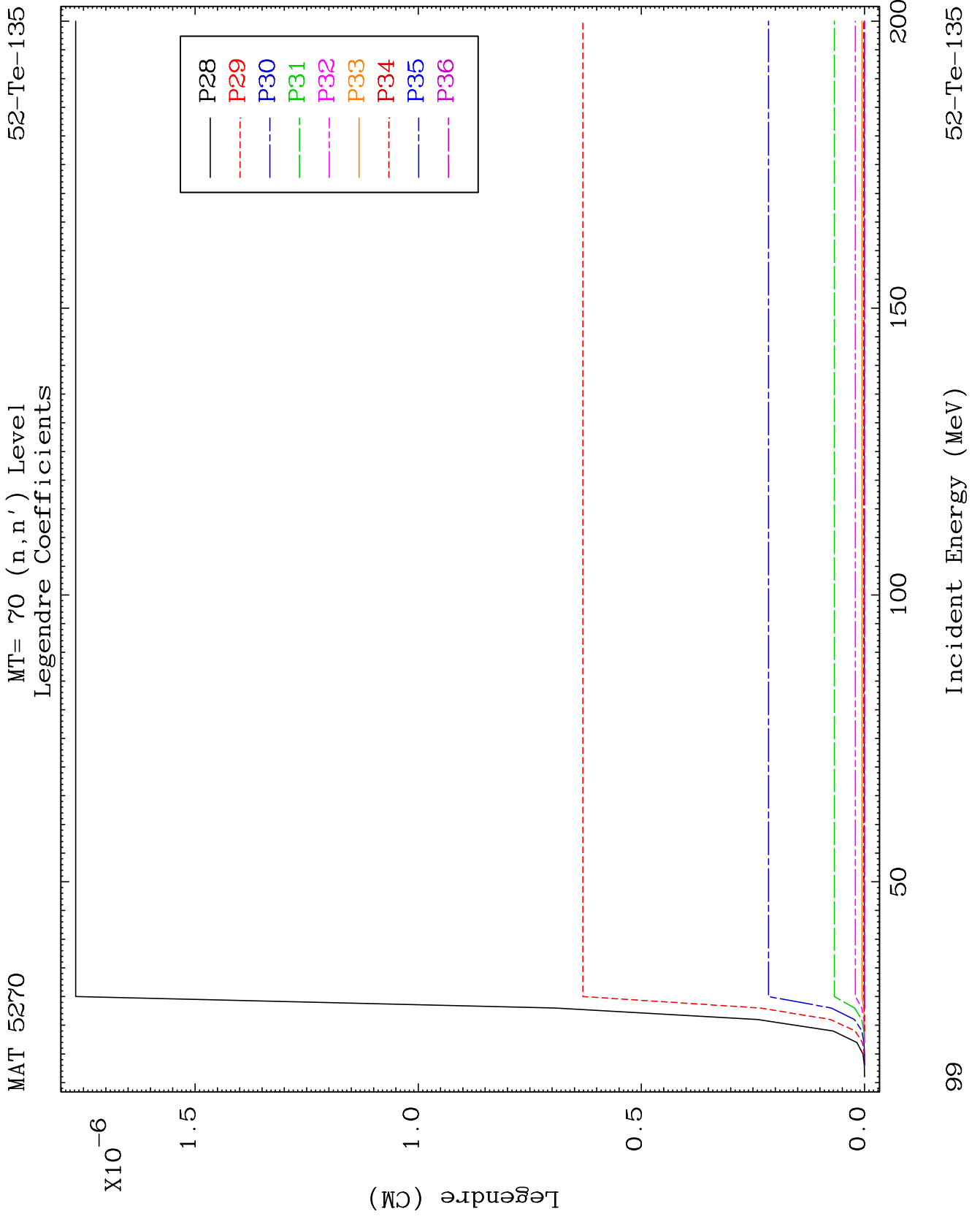


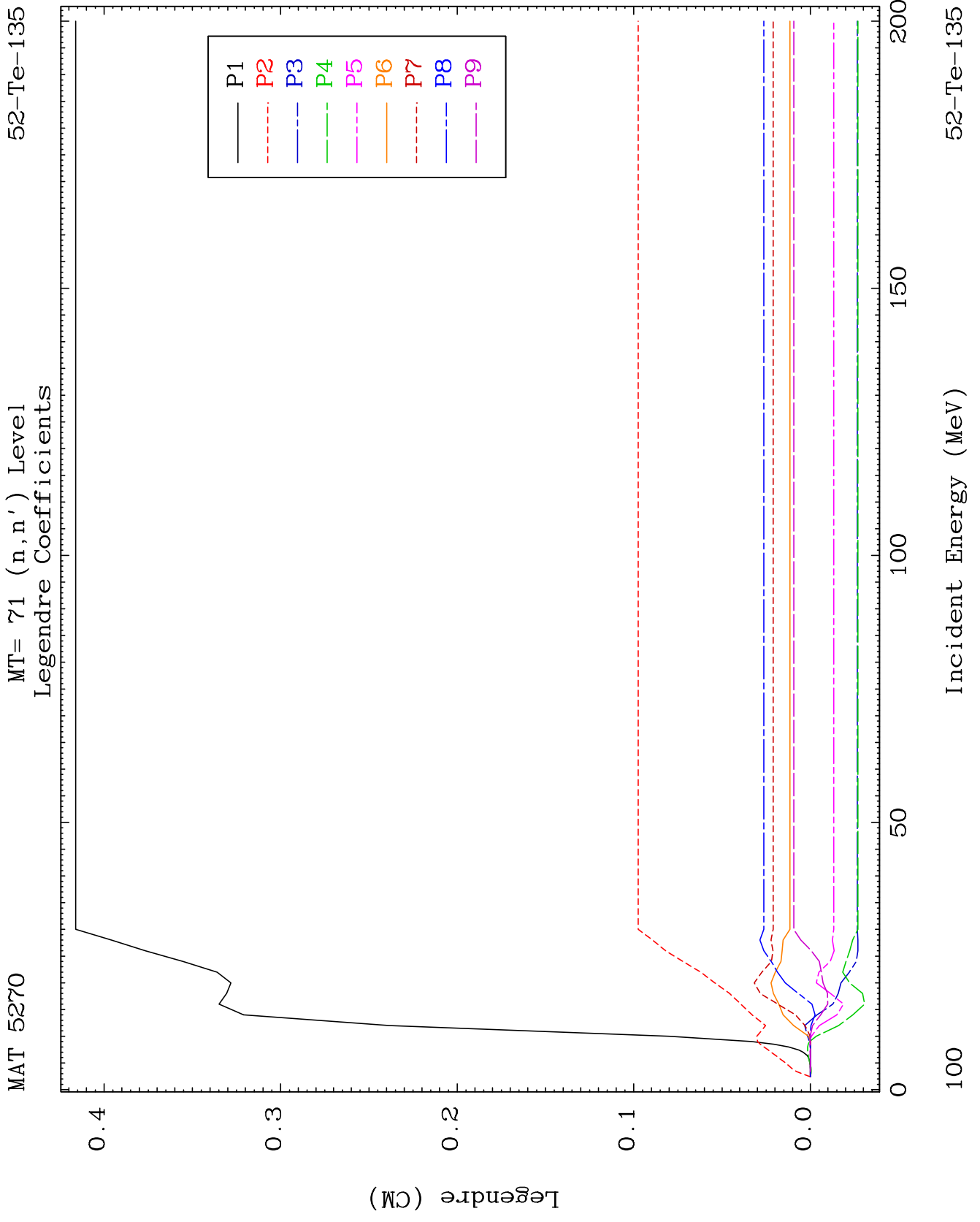
97

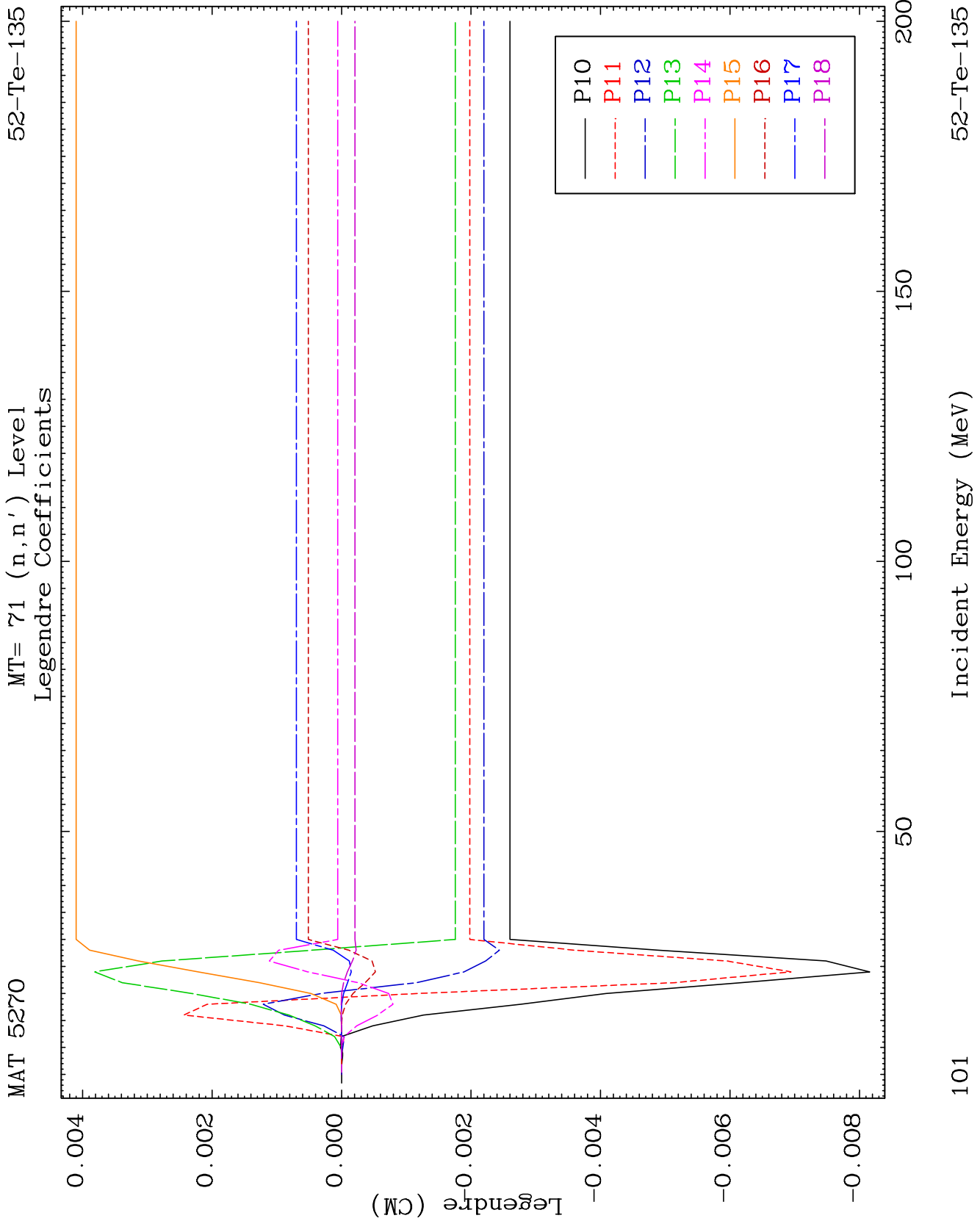
Incident Energy (MeV)

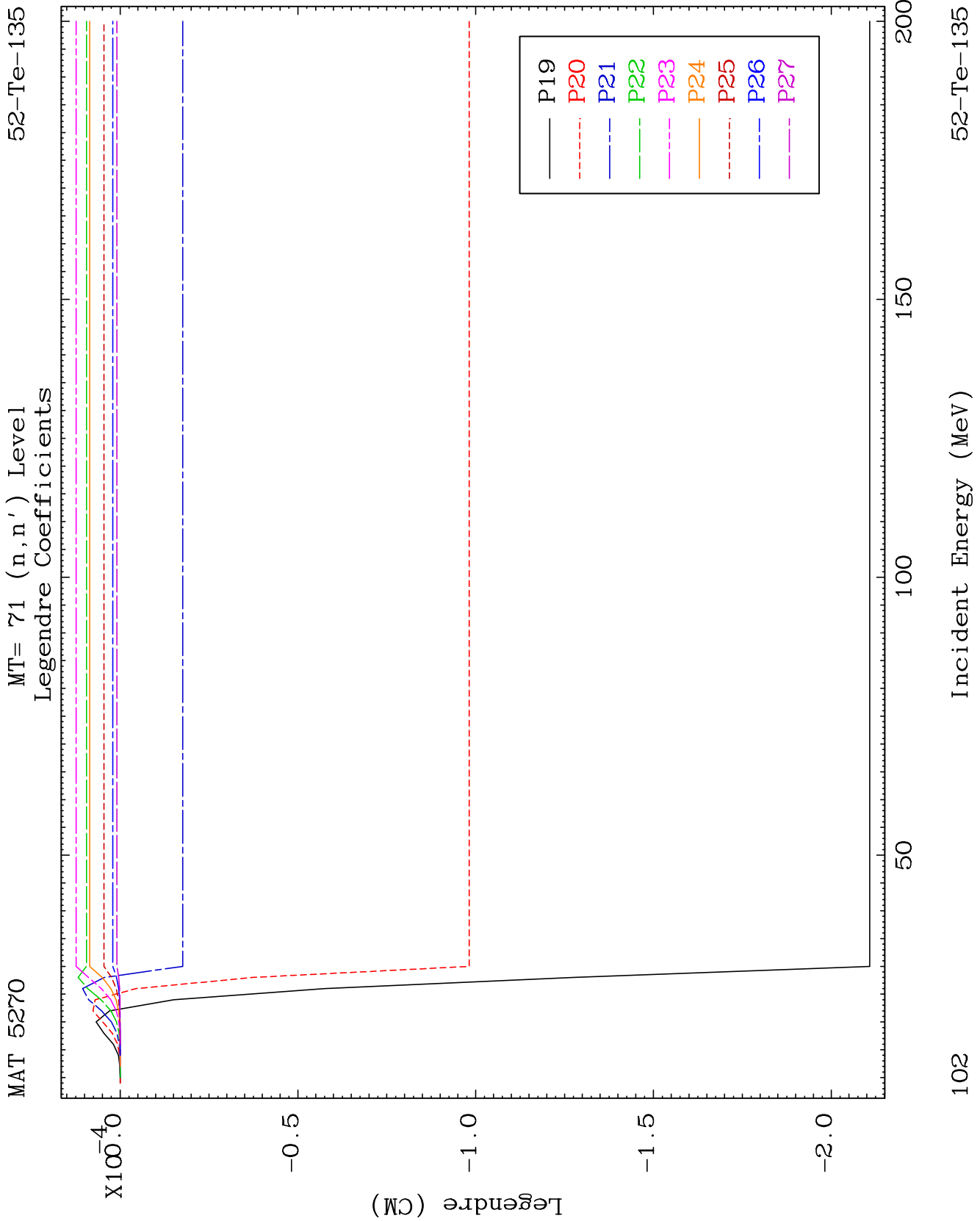
52-Te-135







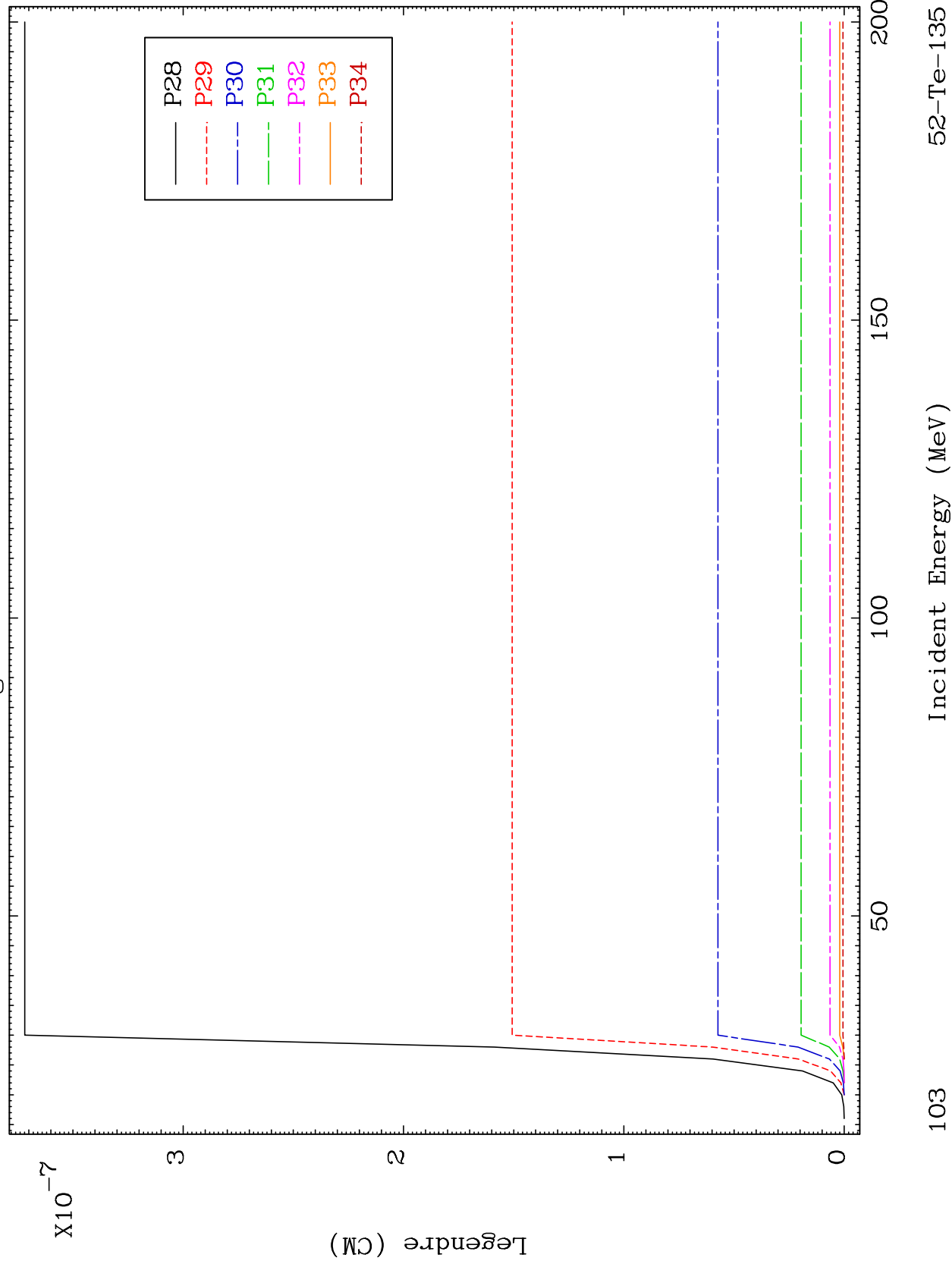




MAT 5270

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

52-Te-135

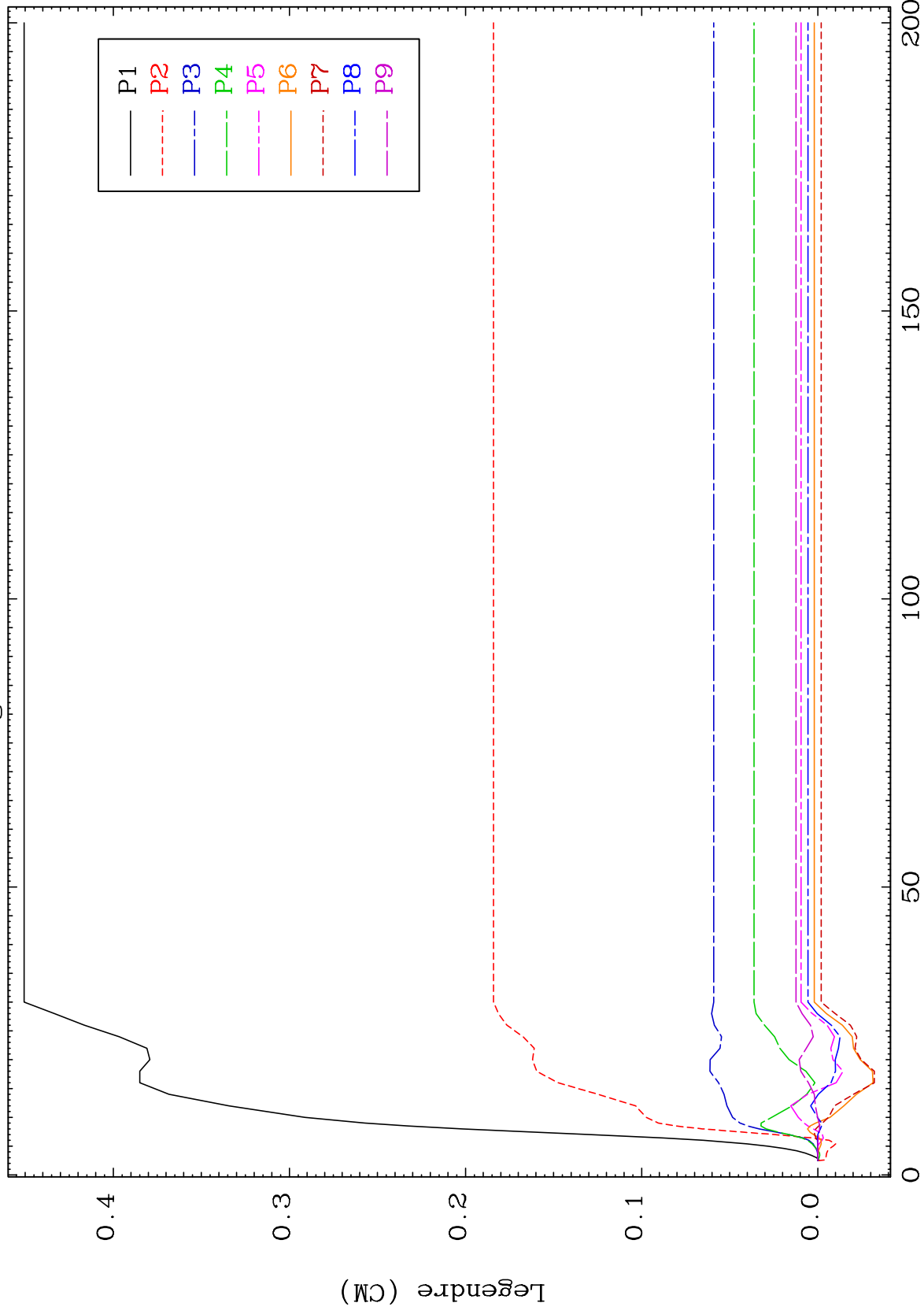




MAT 5270

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

52-Te-135



104

Incident Energy (MeV)

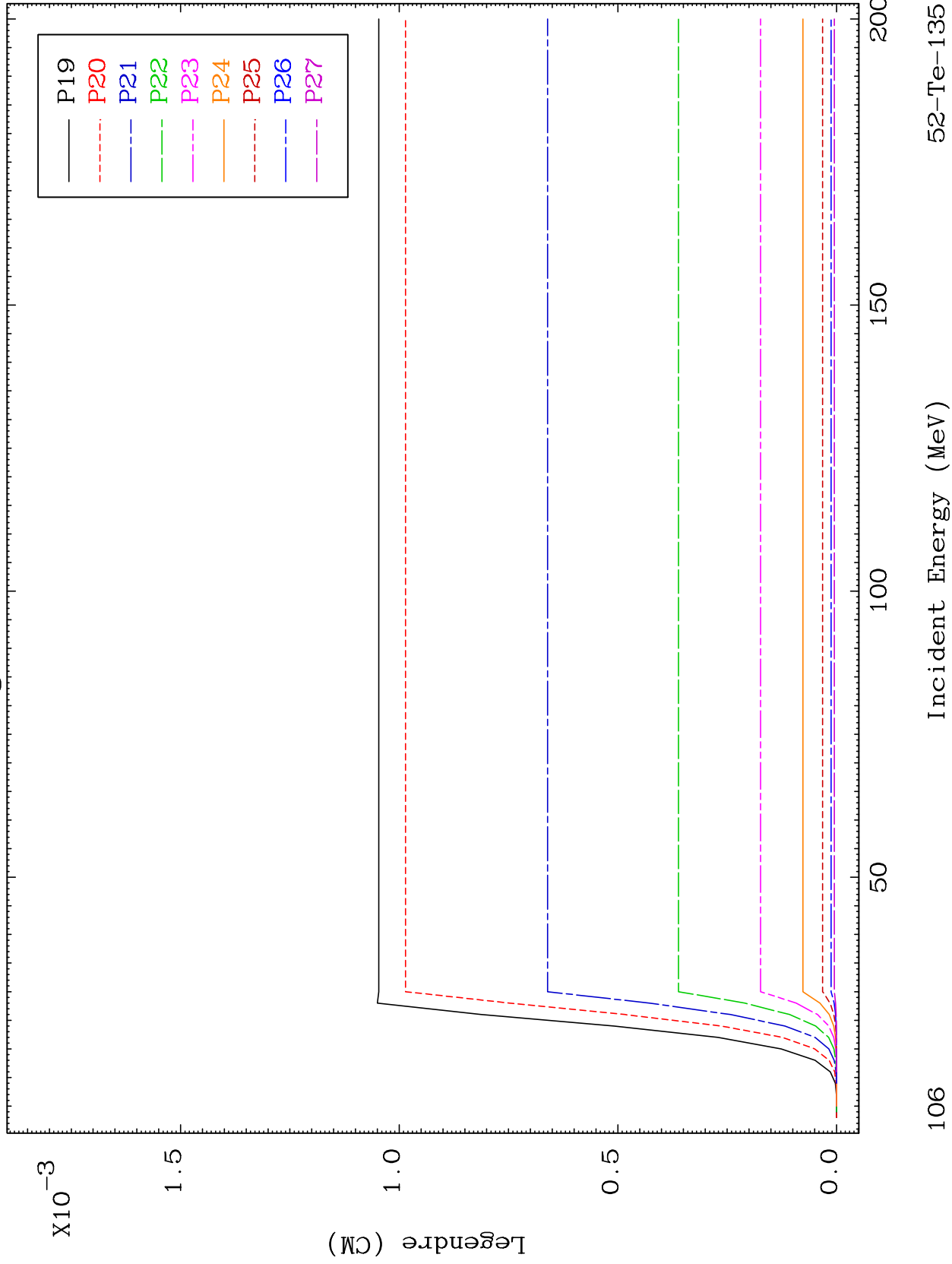
52-Te-135



MAT 5270

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

52-Te-135



106

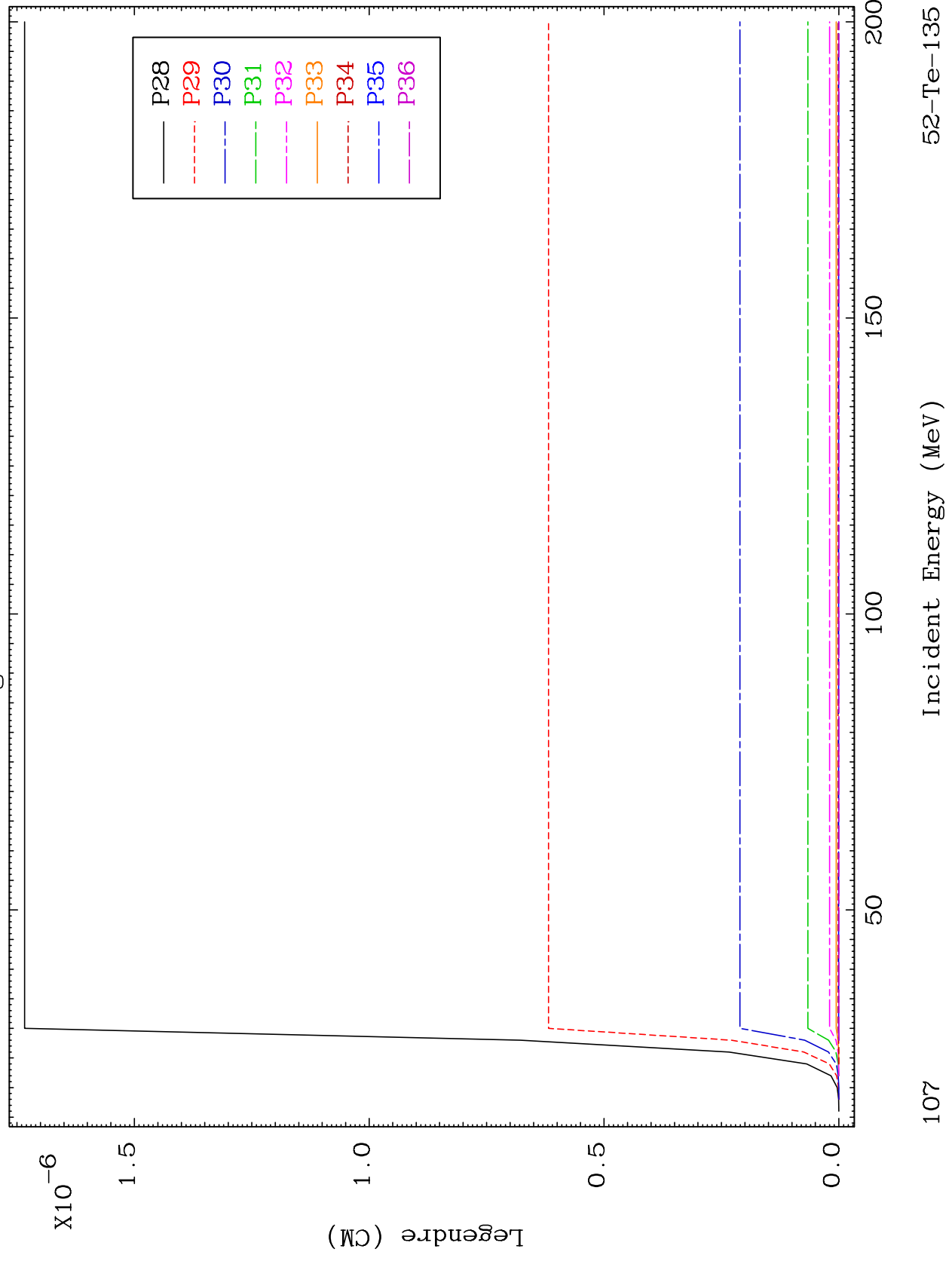
Incident Energy (MeV)

52-Te-135

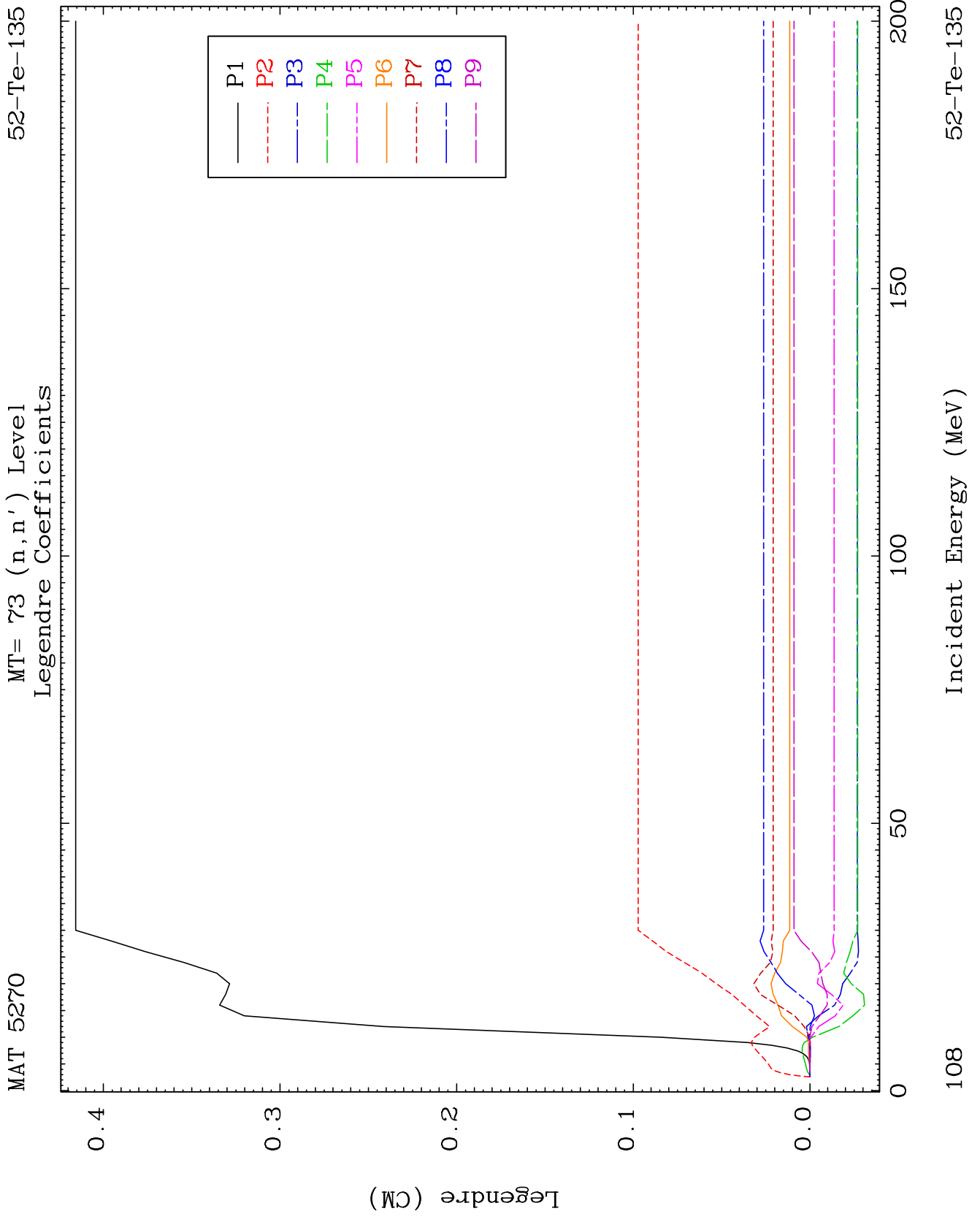
MAT 5270

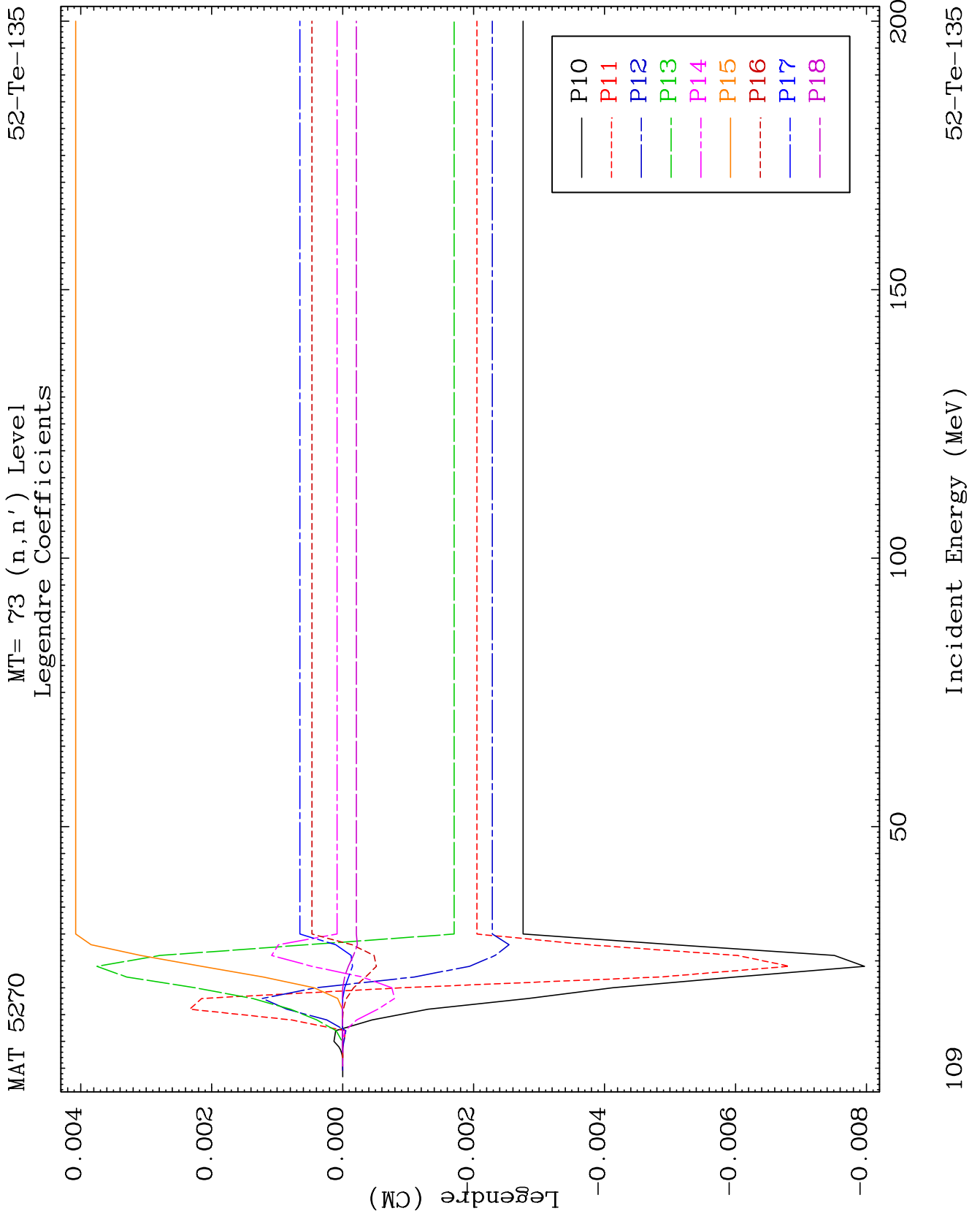
MT= 72 (n,n') Level  
Legendre Coefficients

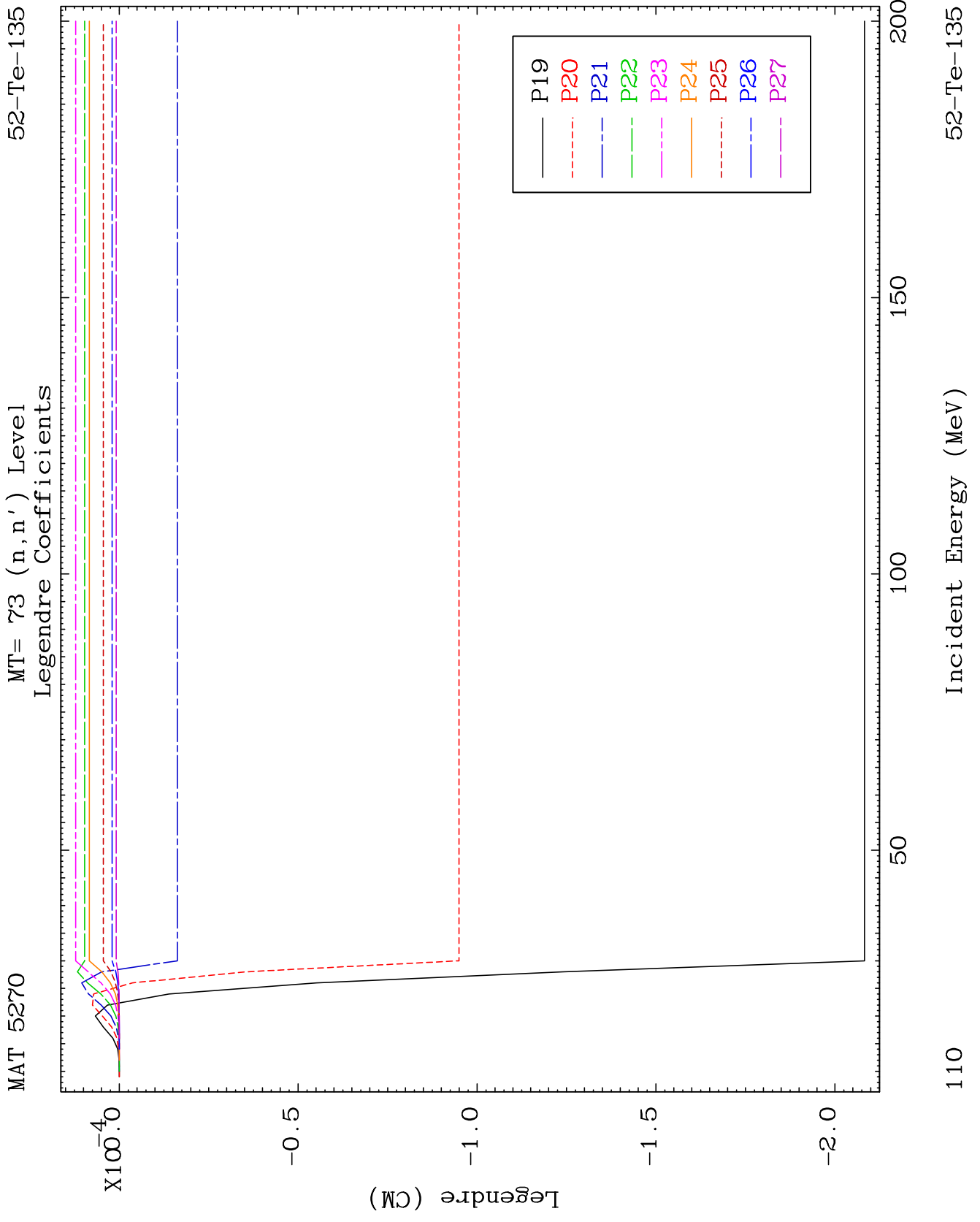
52-Te-135



107



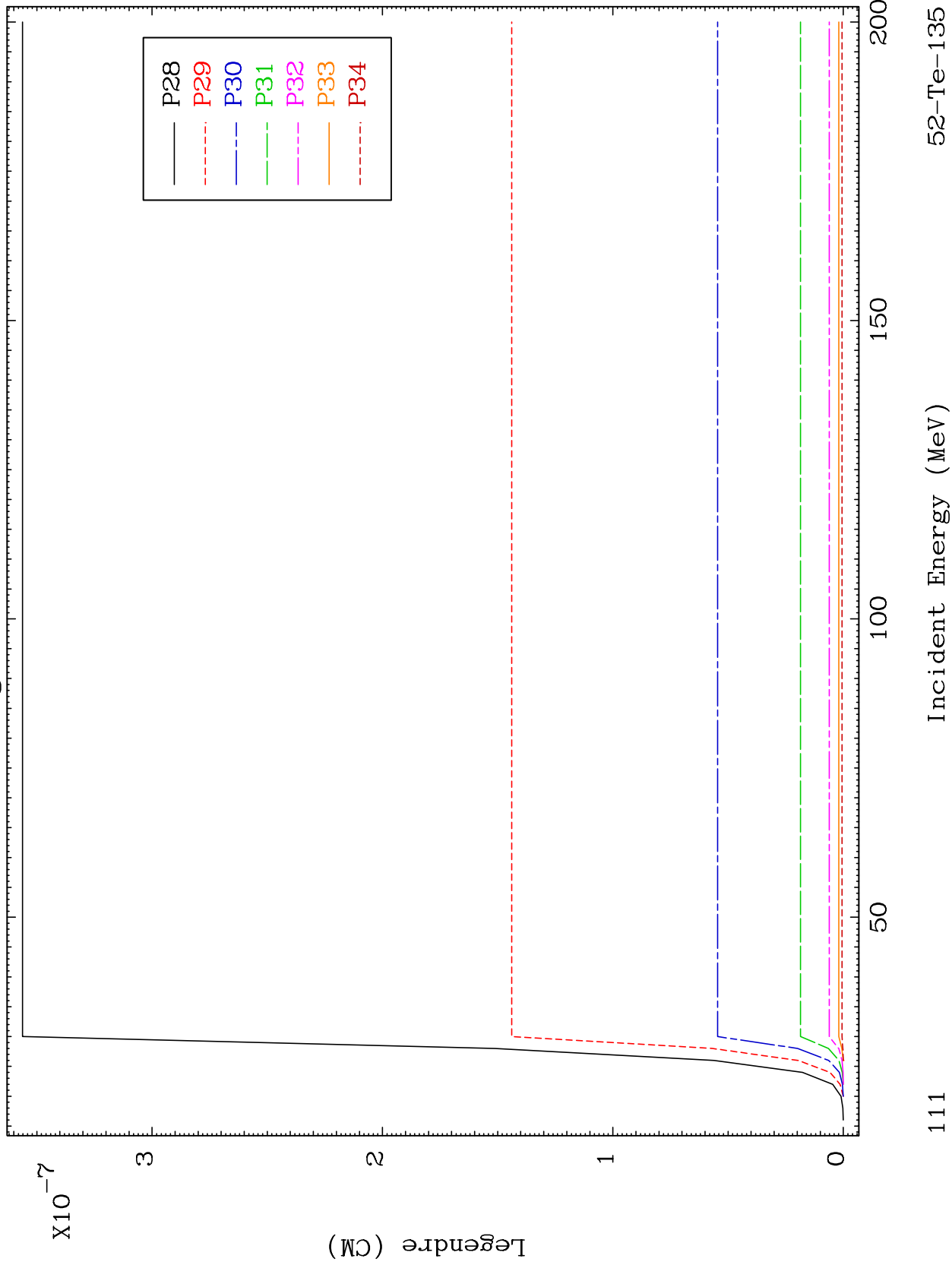




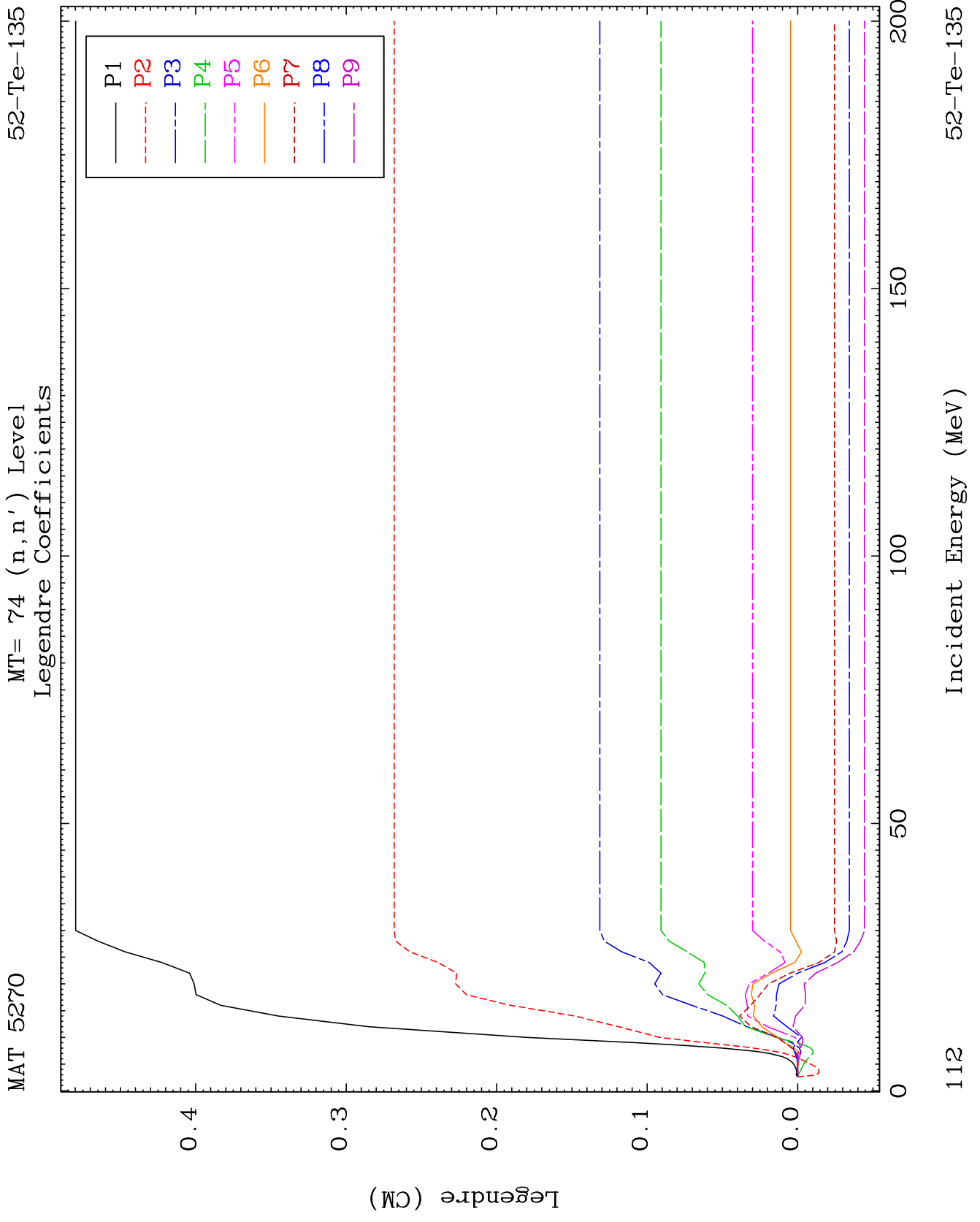
MAT 5270

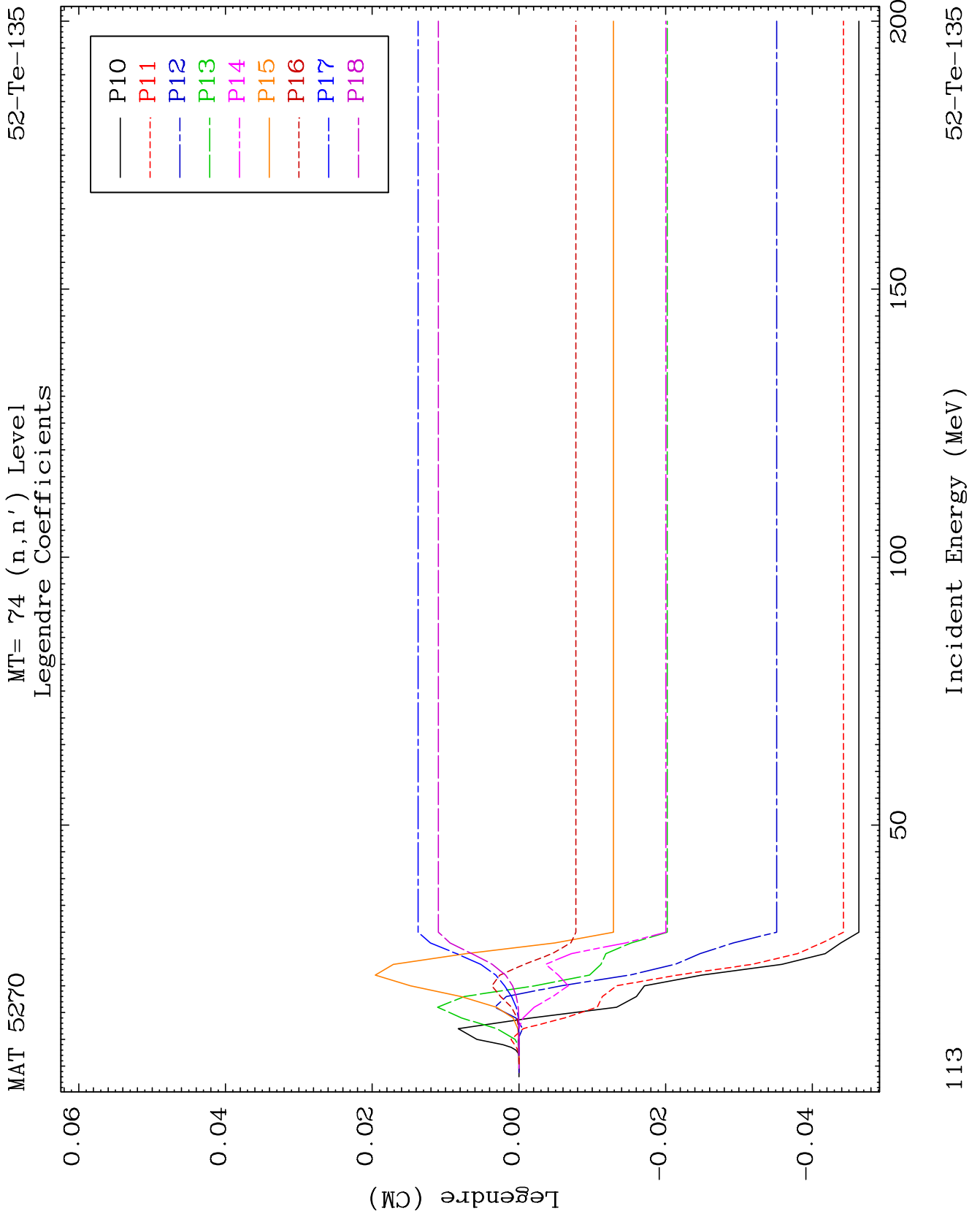
MT= 73 (n,n') Level  
Legendre Coefficients

52-Te-135





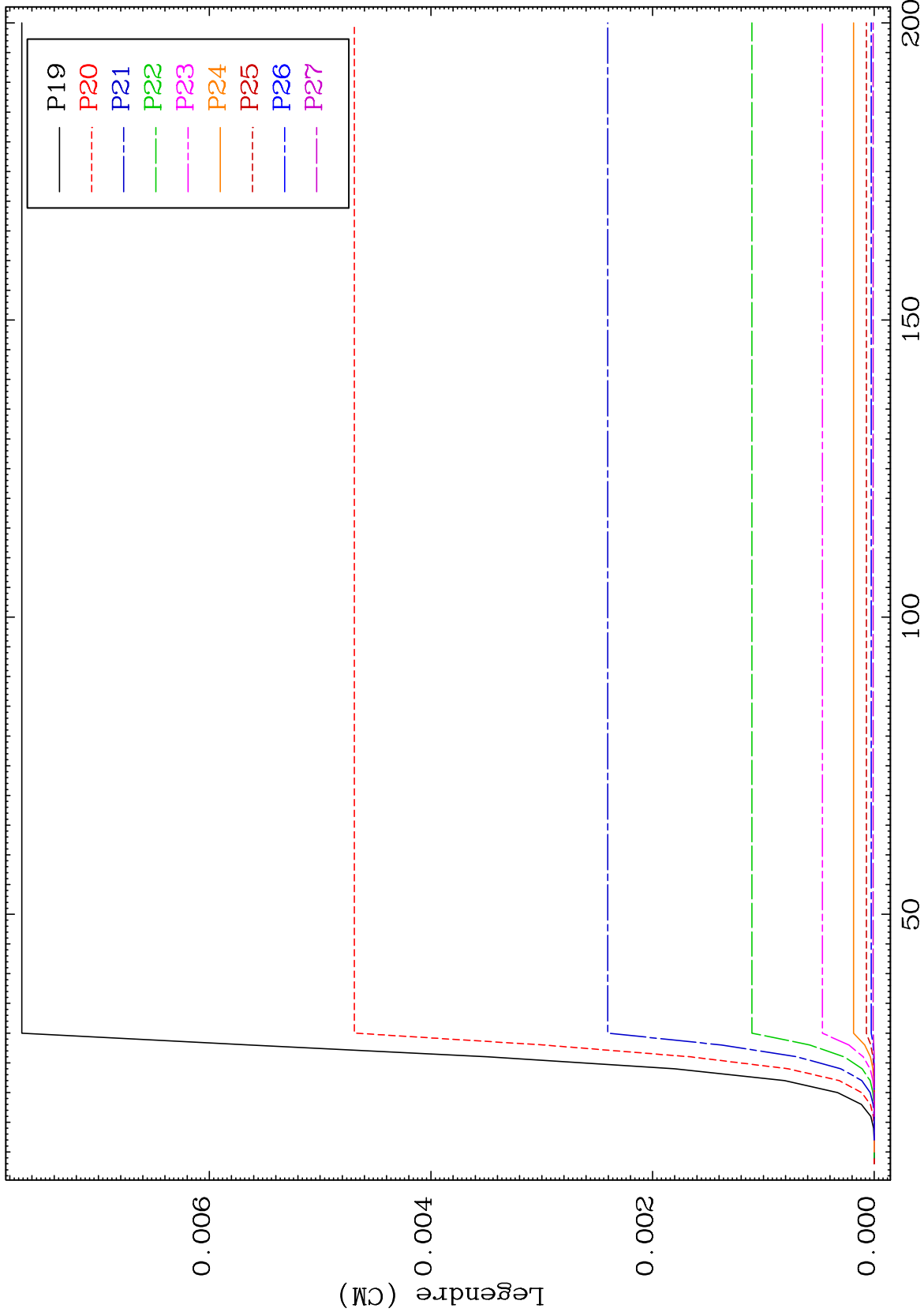




MAT 5270

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

52-Te-135



114

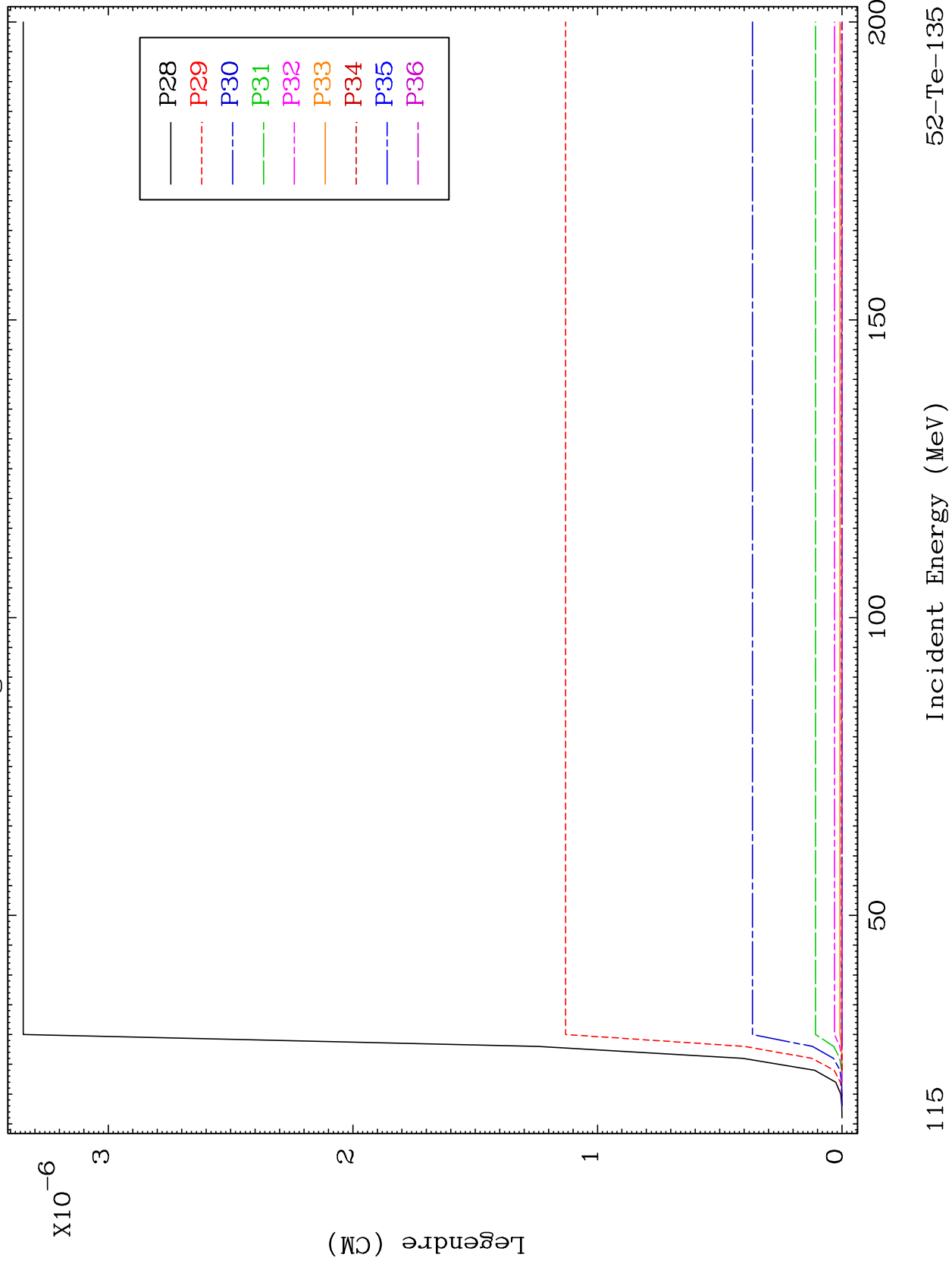
Incident Energy (MeV)

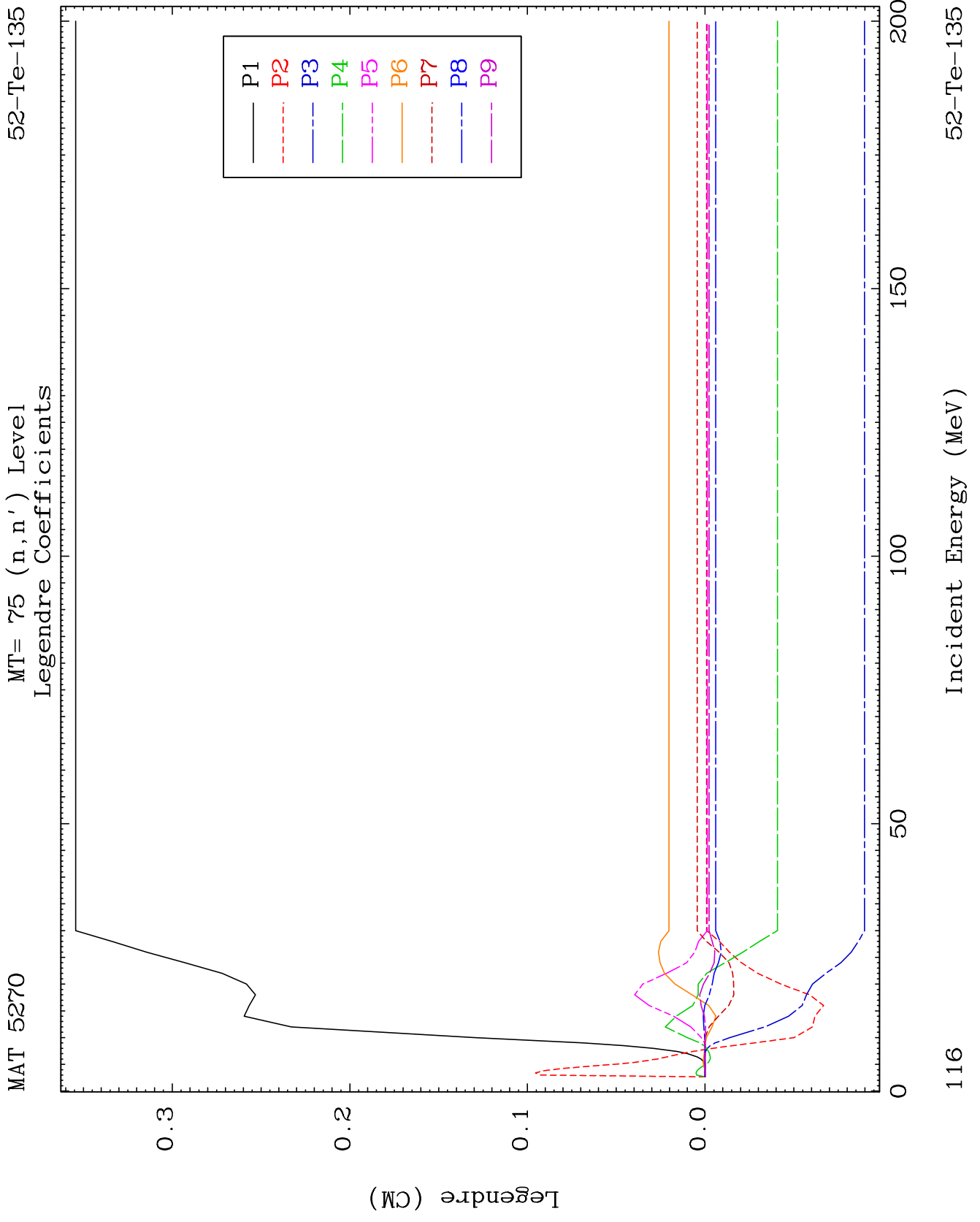
52-Te-135

MAT 5270

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

52-Te-135

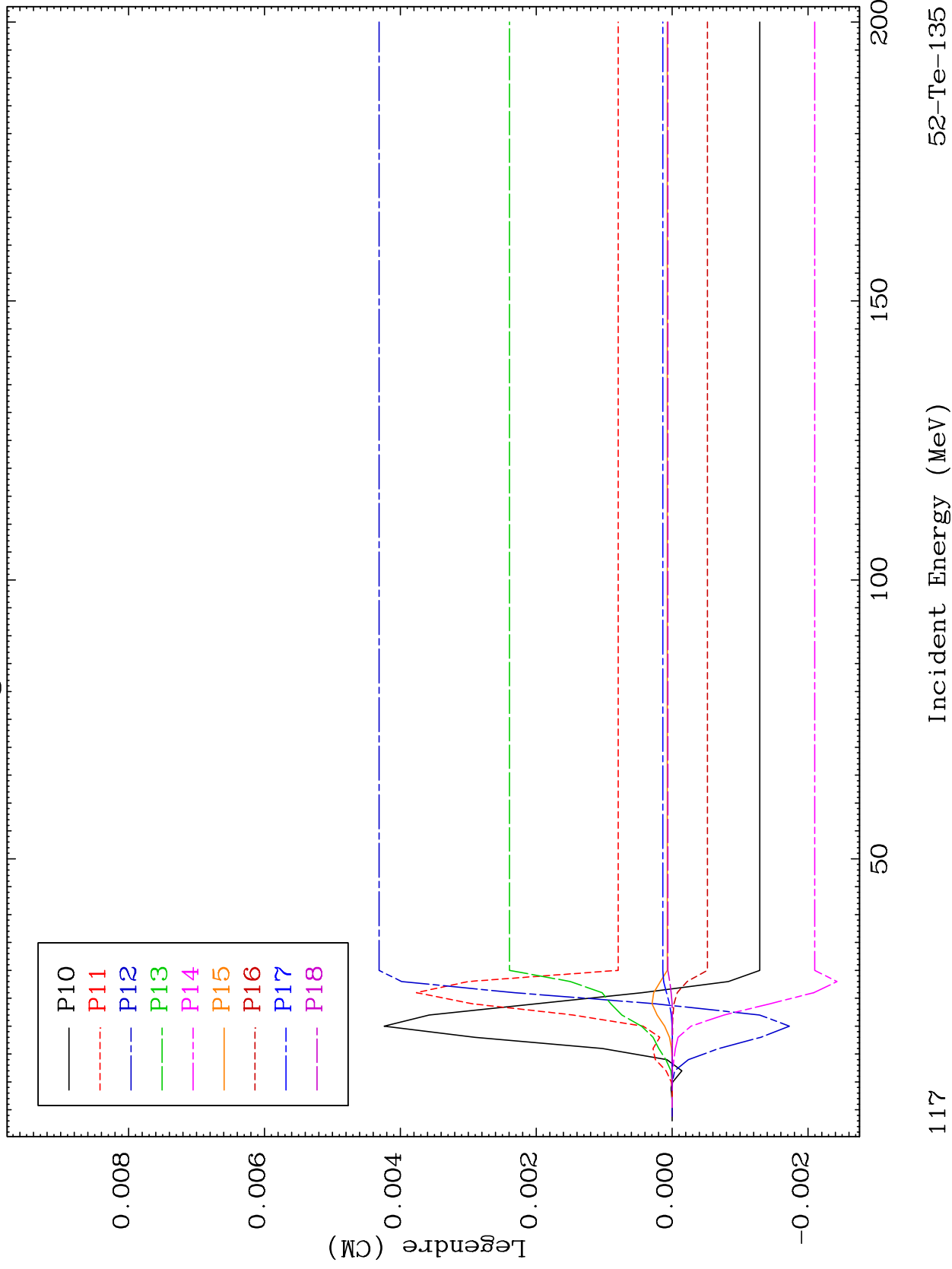




MAT 5270

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

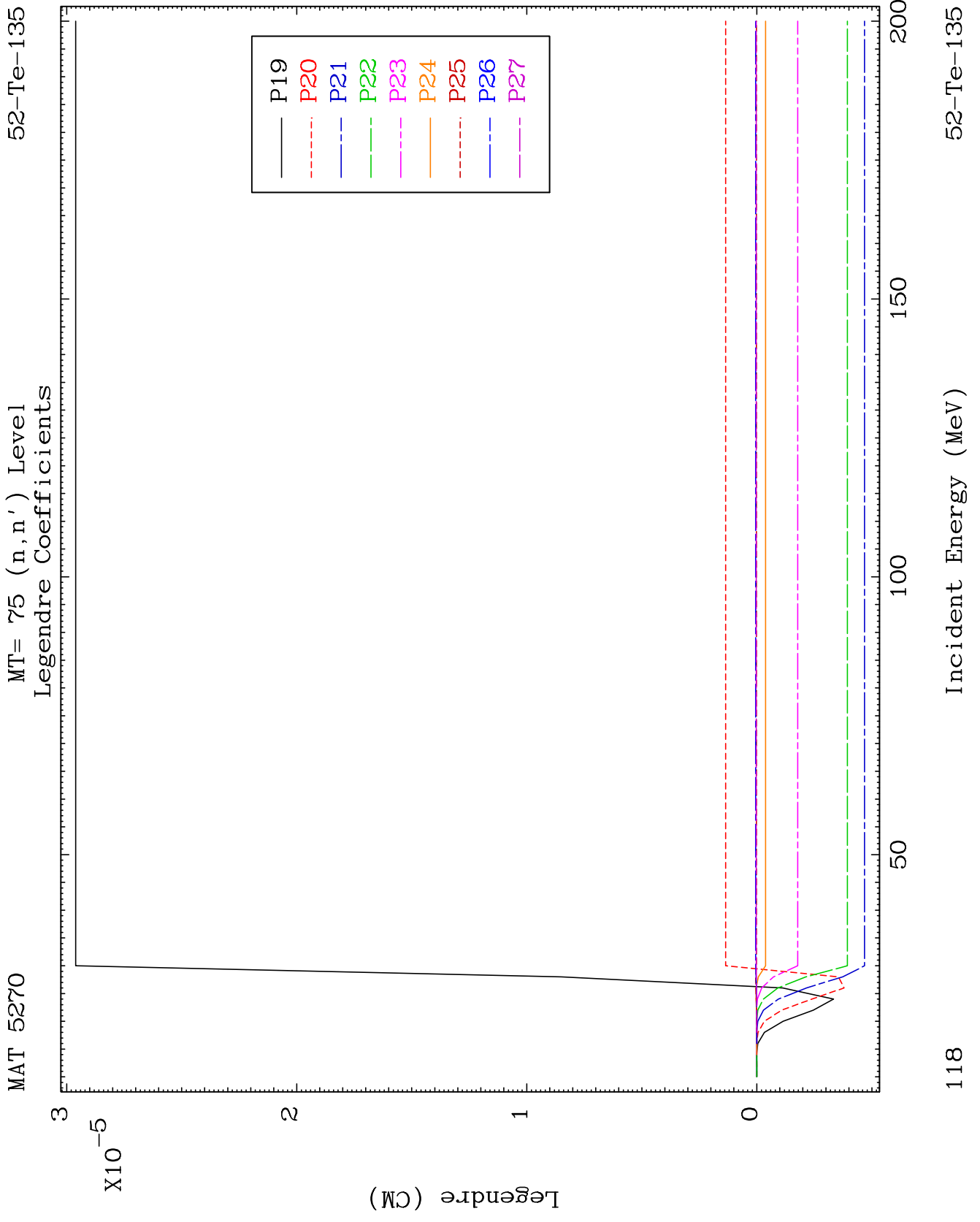
52-Te-135



117

Incident Energy (MeV)

52-Te-135



MAT 5270

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

52-Te-135

$\times 10^{-8}$

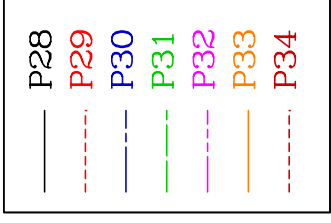
1.5

1.0

0.5

0.0

Legendre (CM)



50

100

150

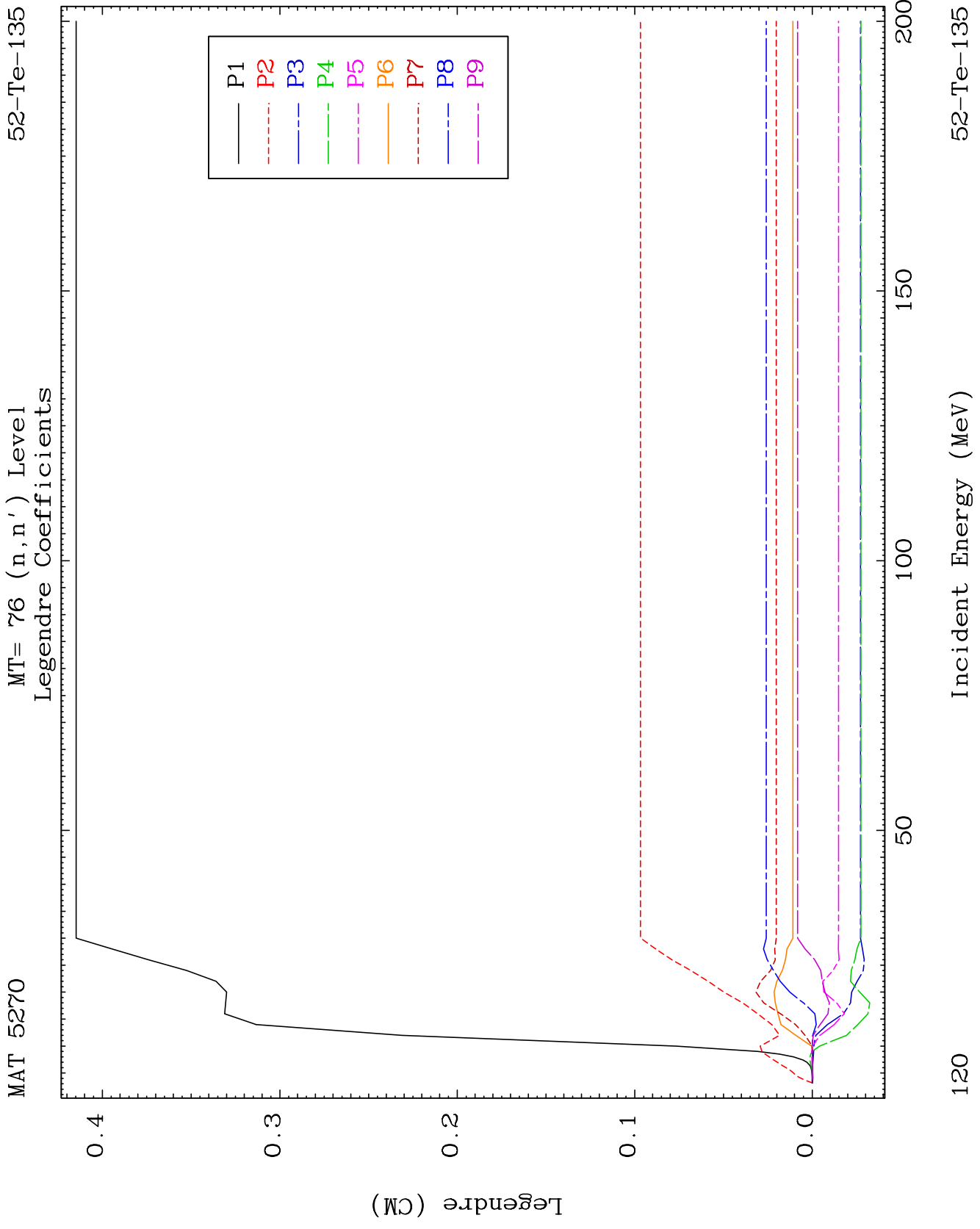
200

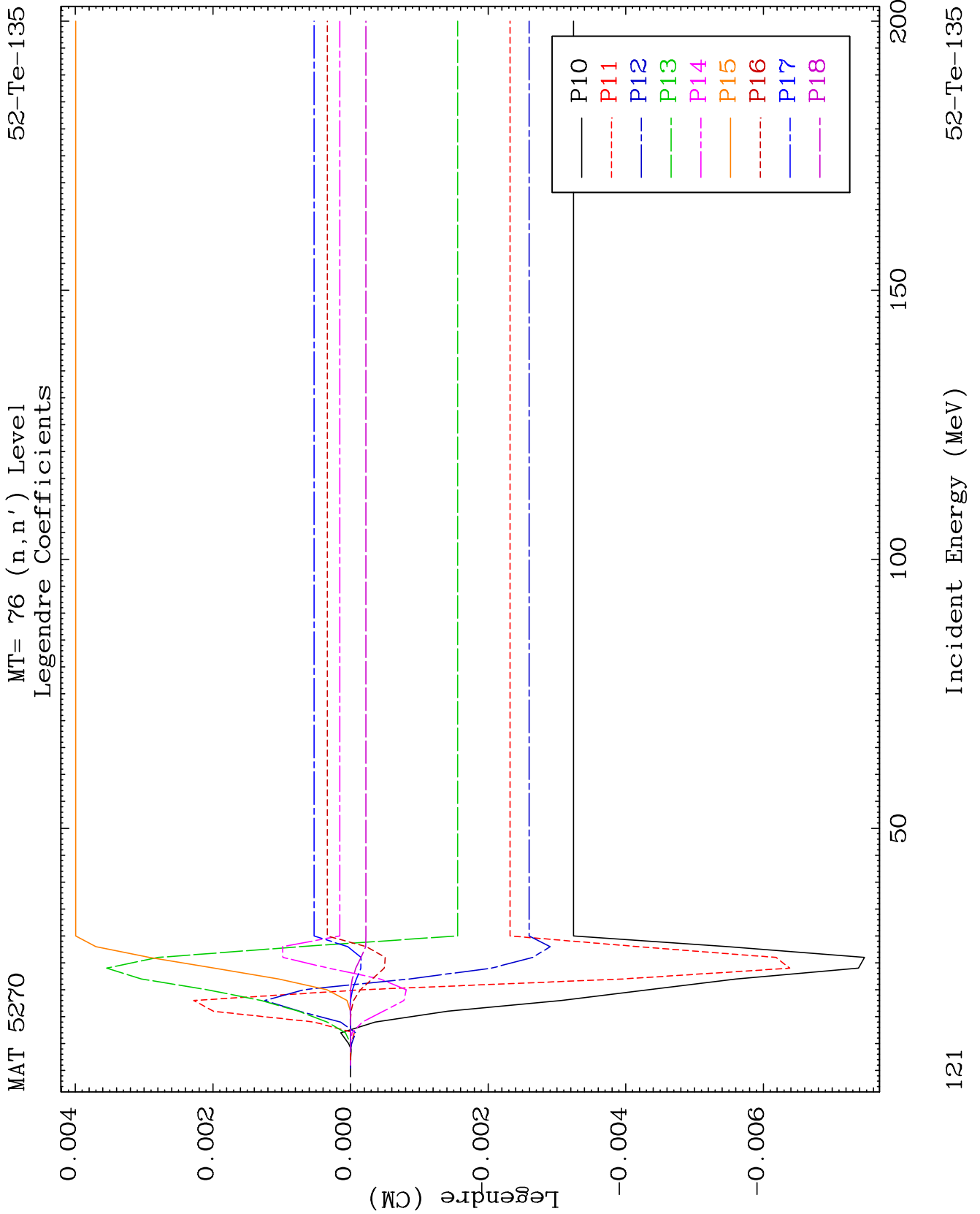
119

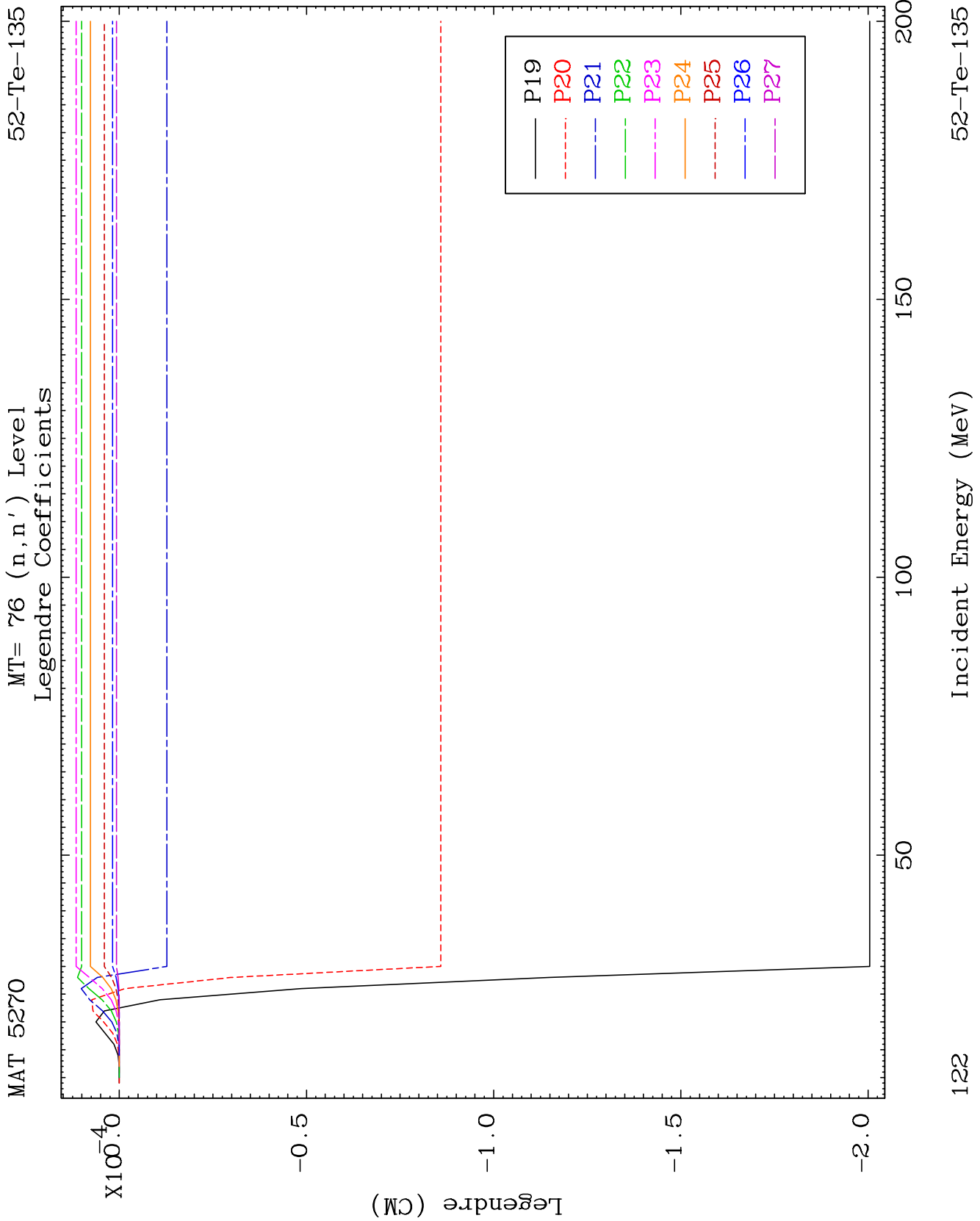
Incident Energy (MeV)

52-Te-135





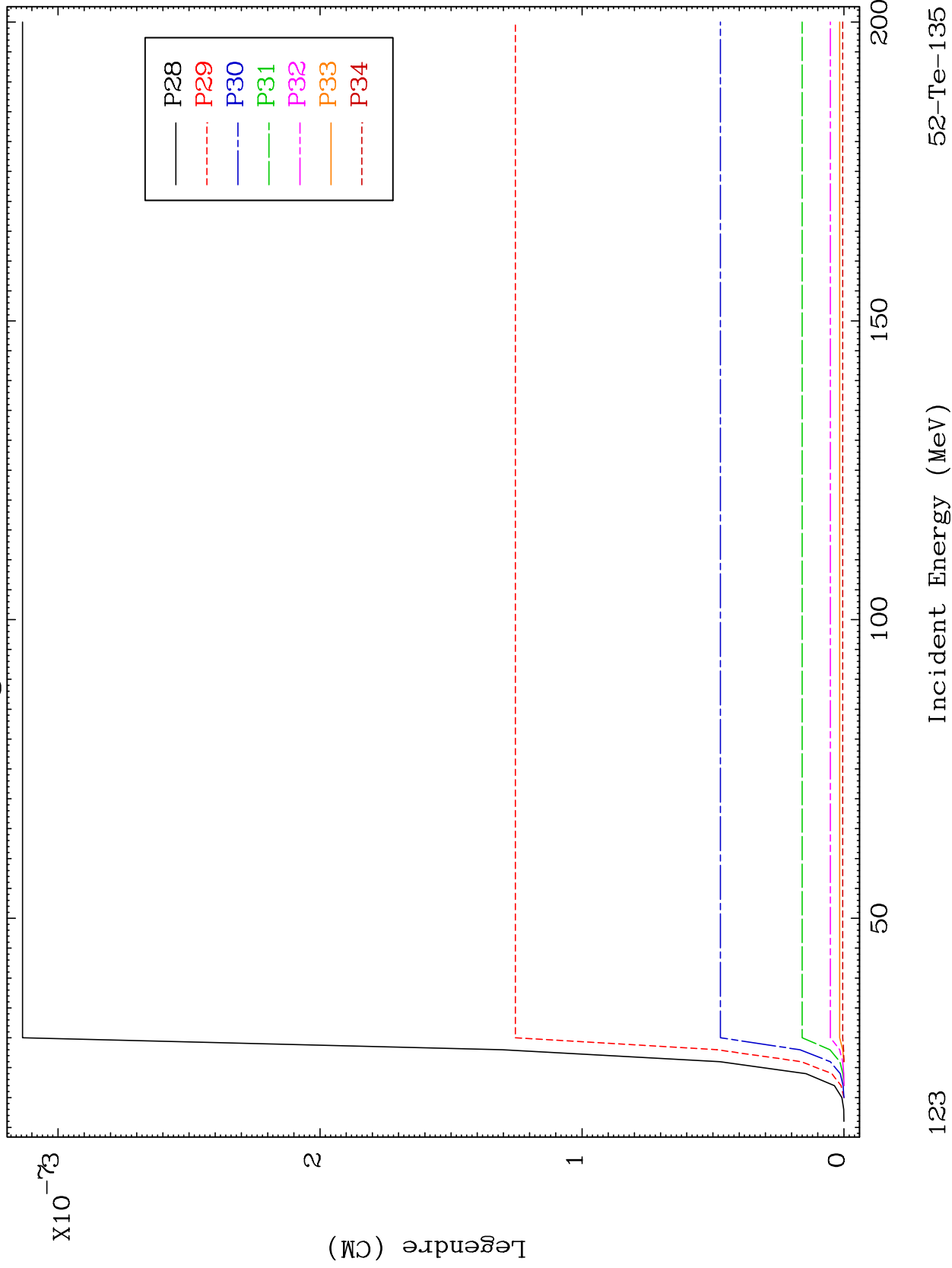




MAT 5270

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

52-Te-135

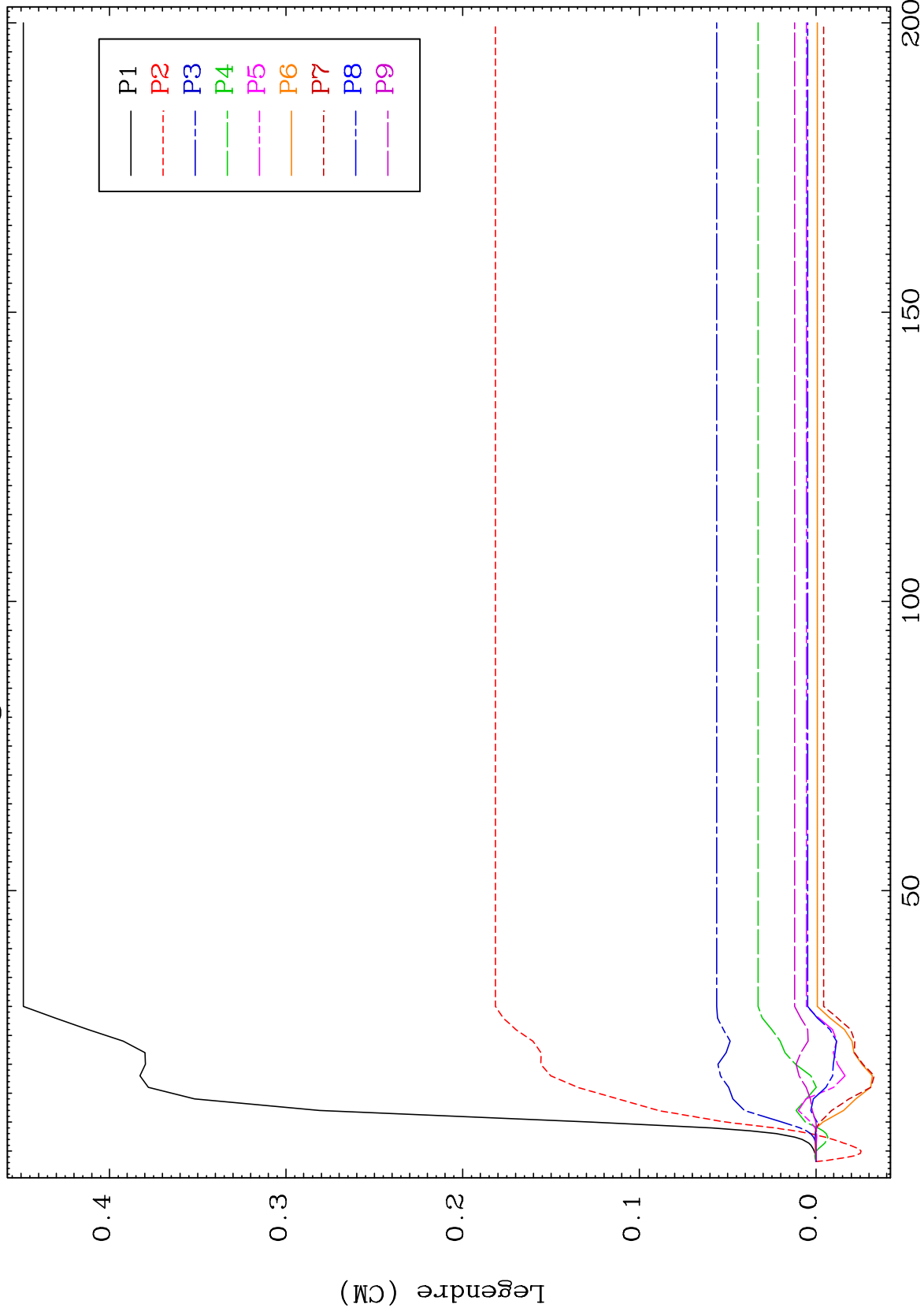


123

MAT 5270

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

52-Te-135



124

Incident Energy (MeV)

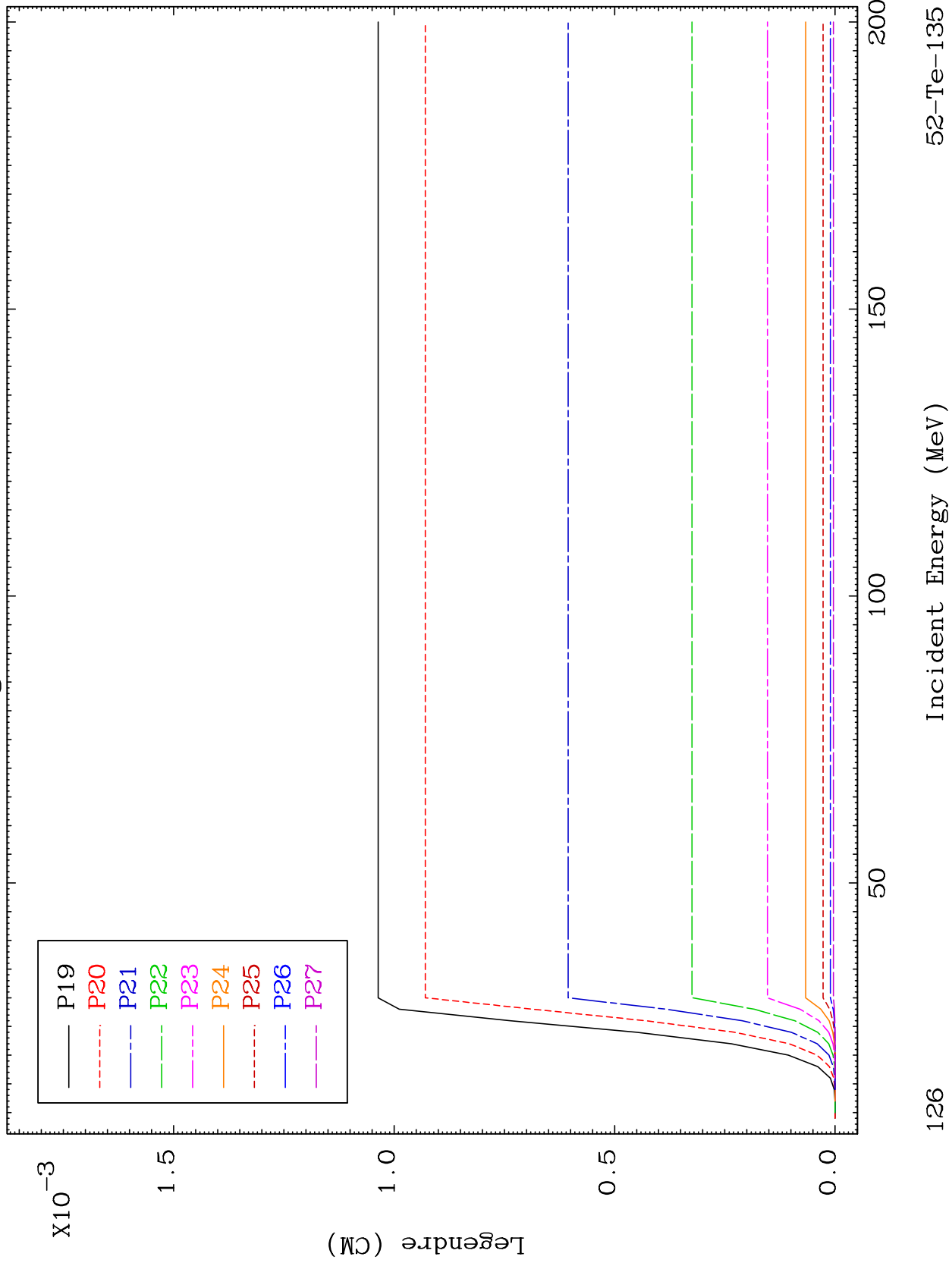
52-Te-135



MAT 5270

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

52-Te-135



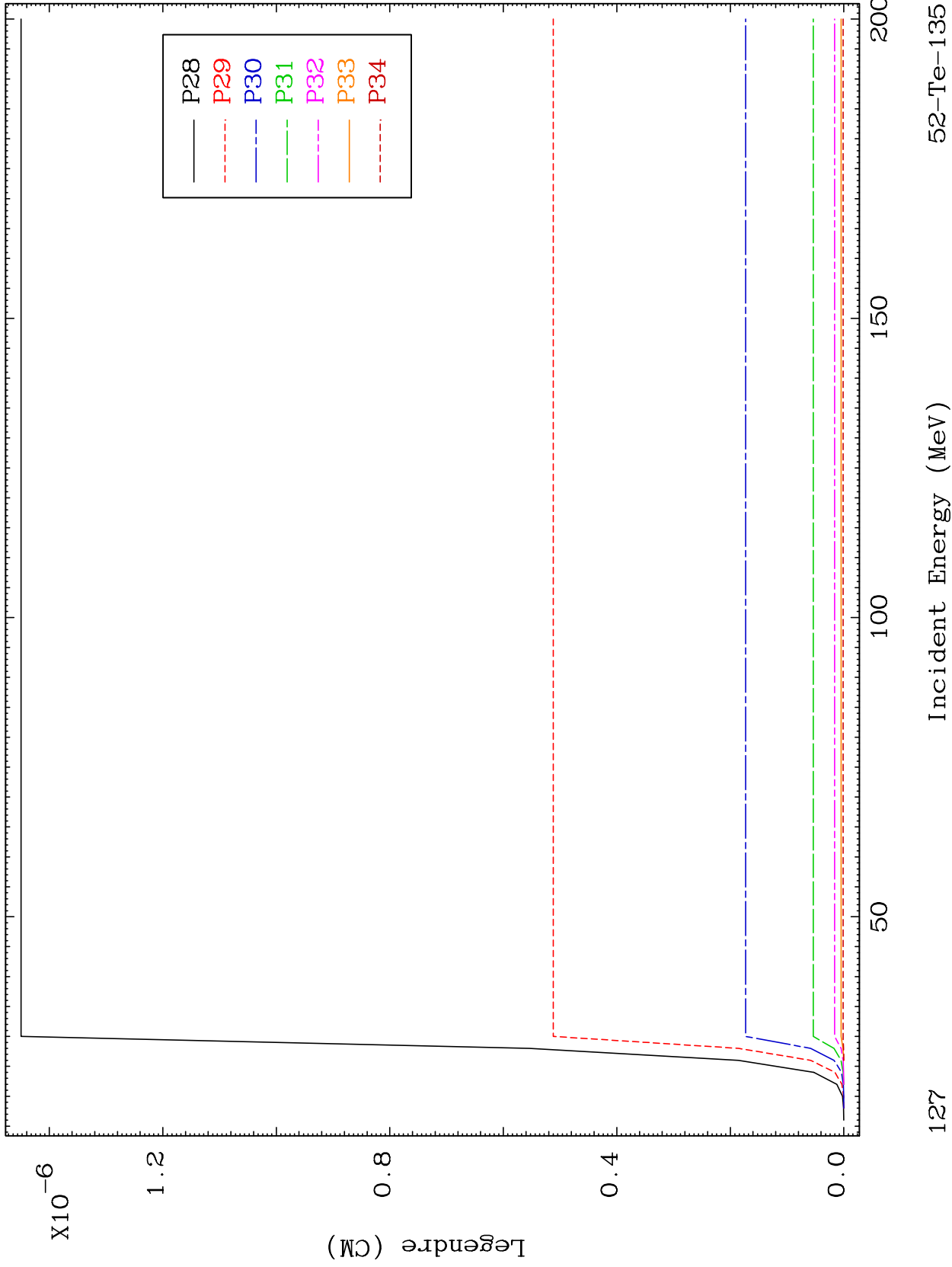
126

52-Te-135

MAT 5270

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

52-Te-135

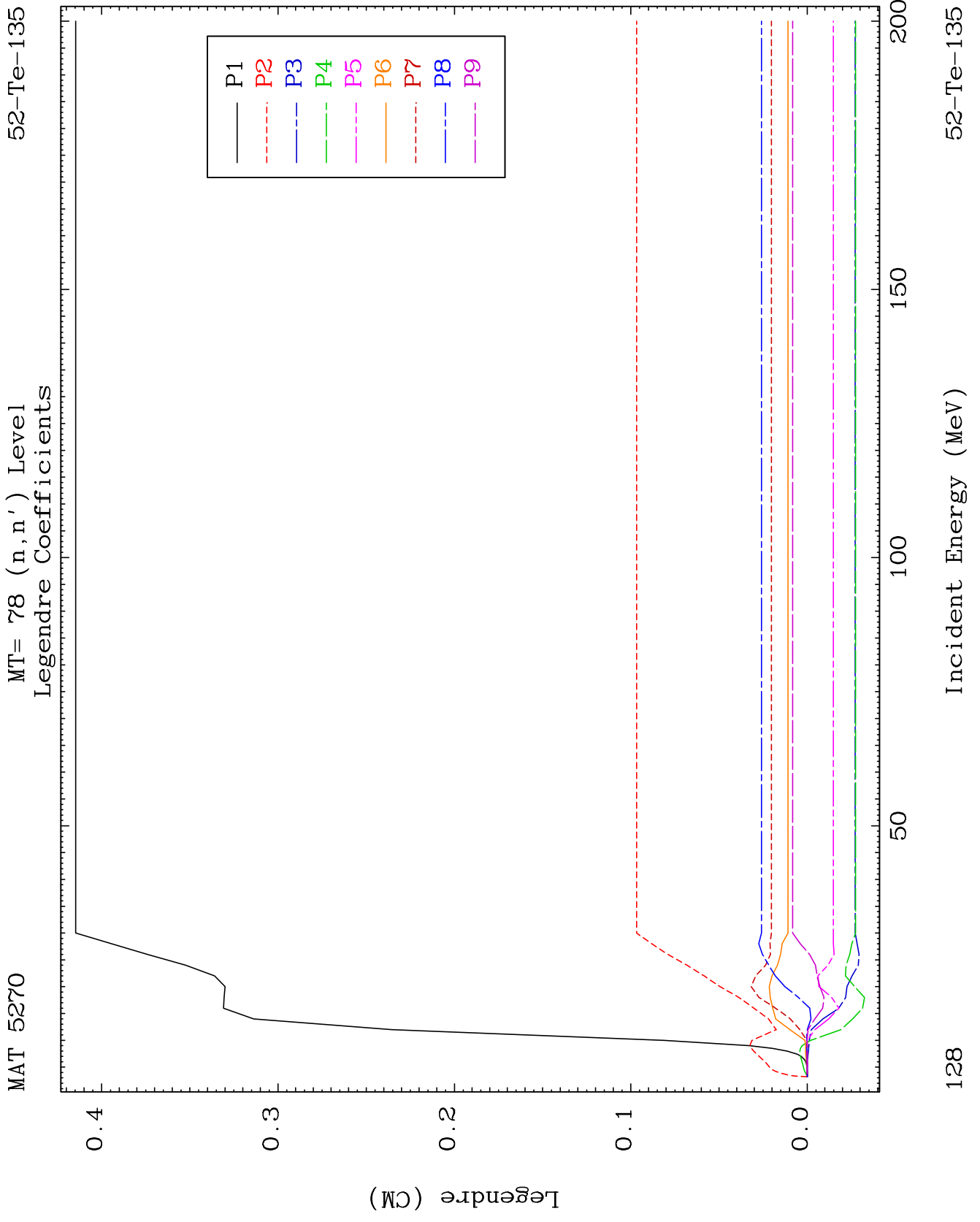


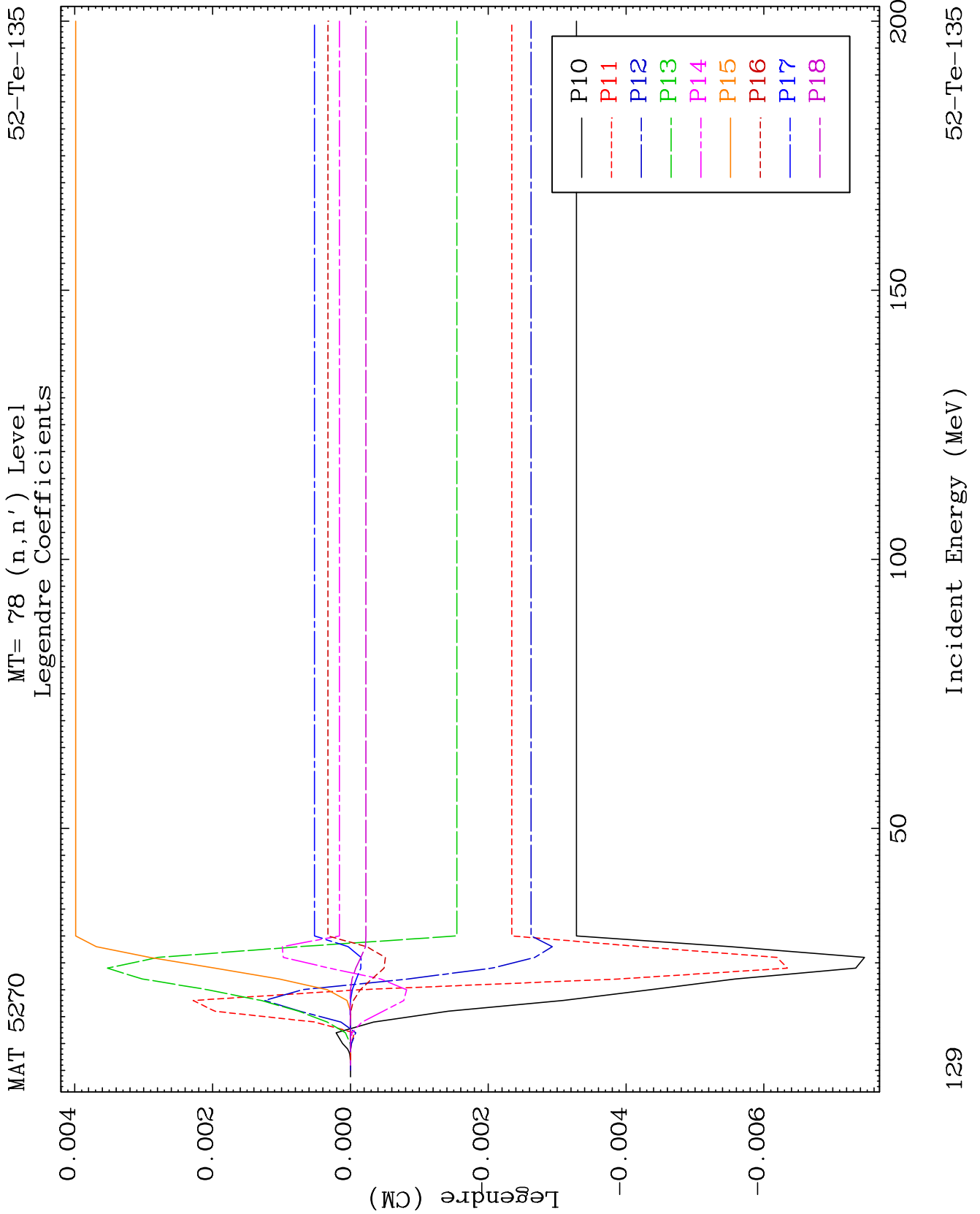
127

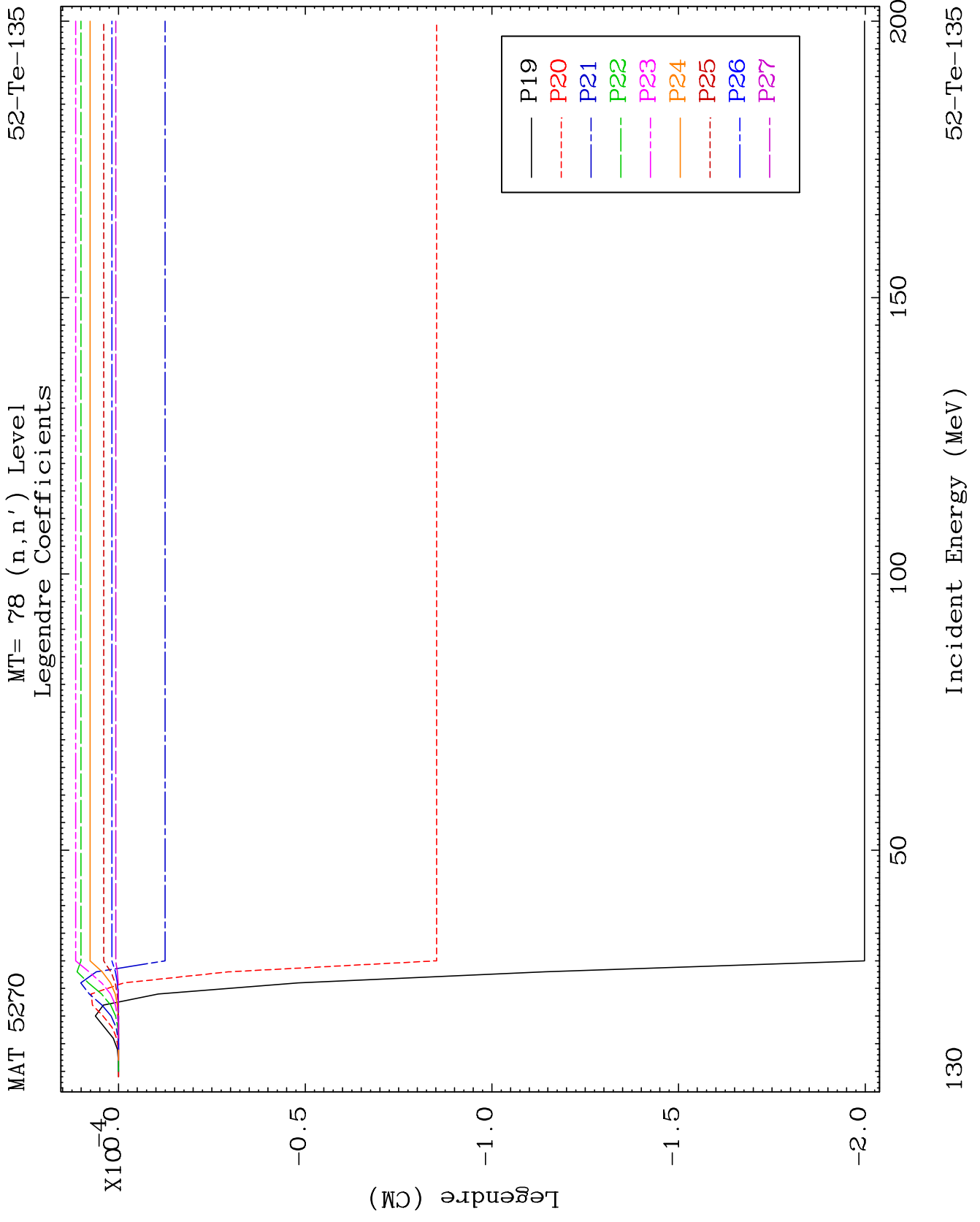
Incident Energy (MeV)

52-Te-135





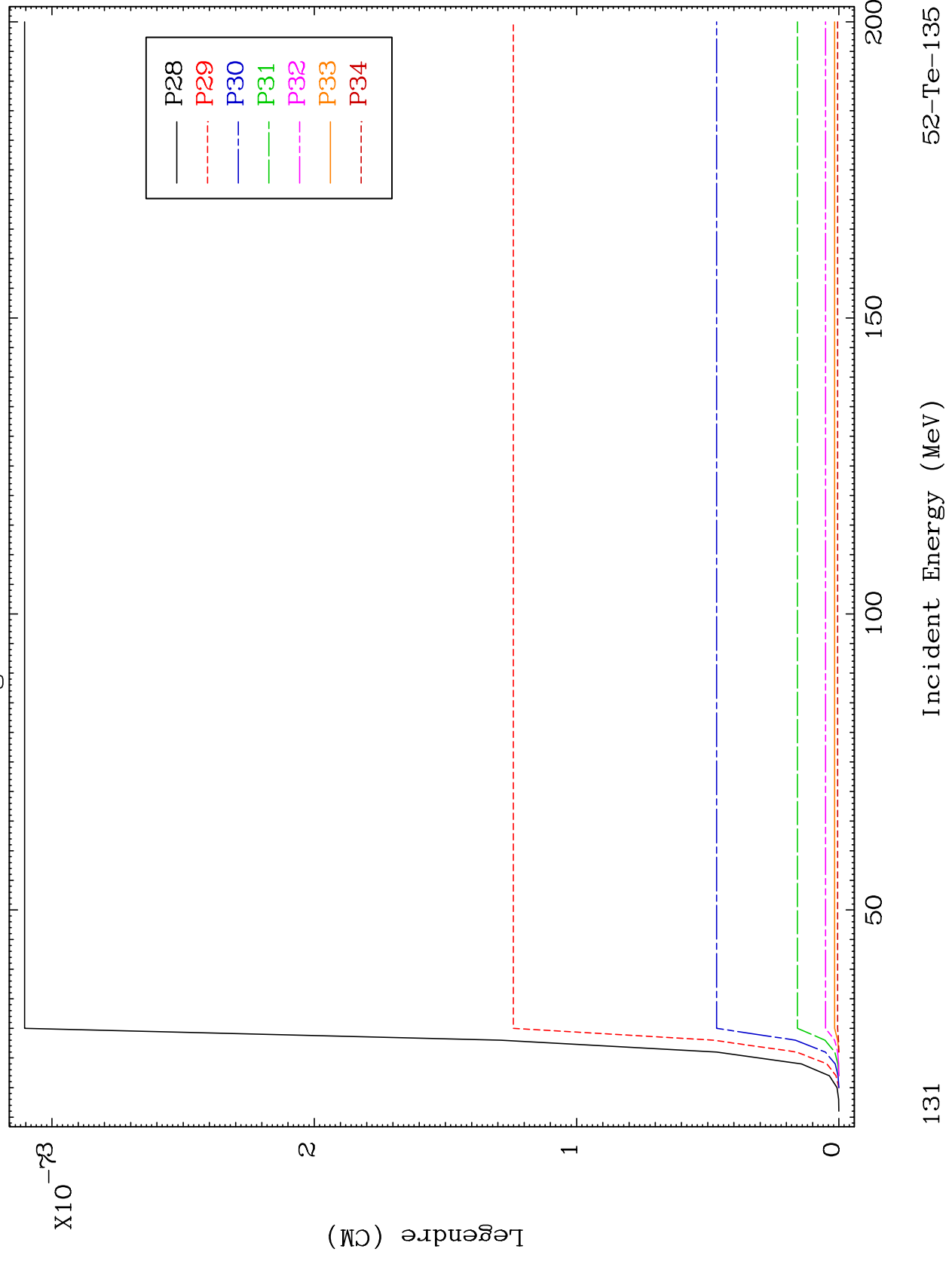




MAT 5270

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

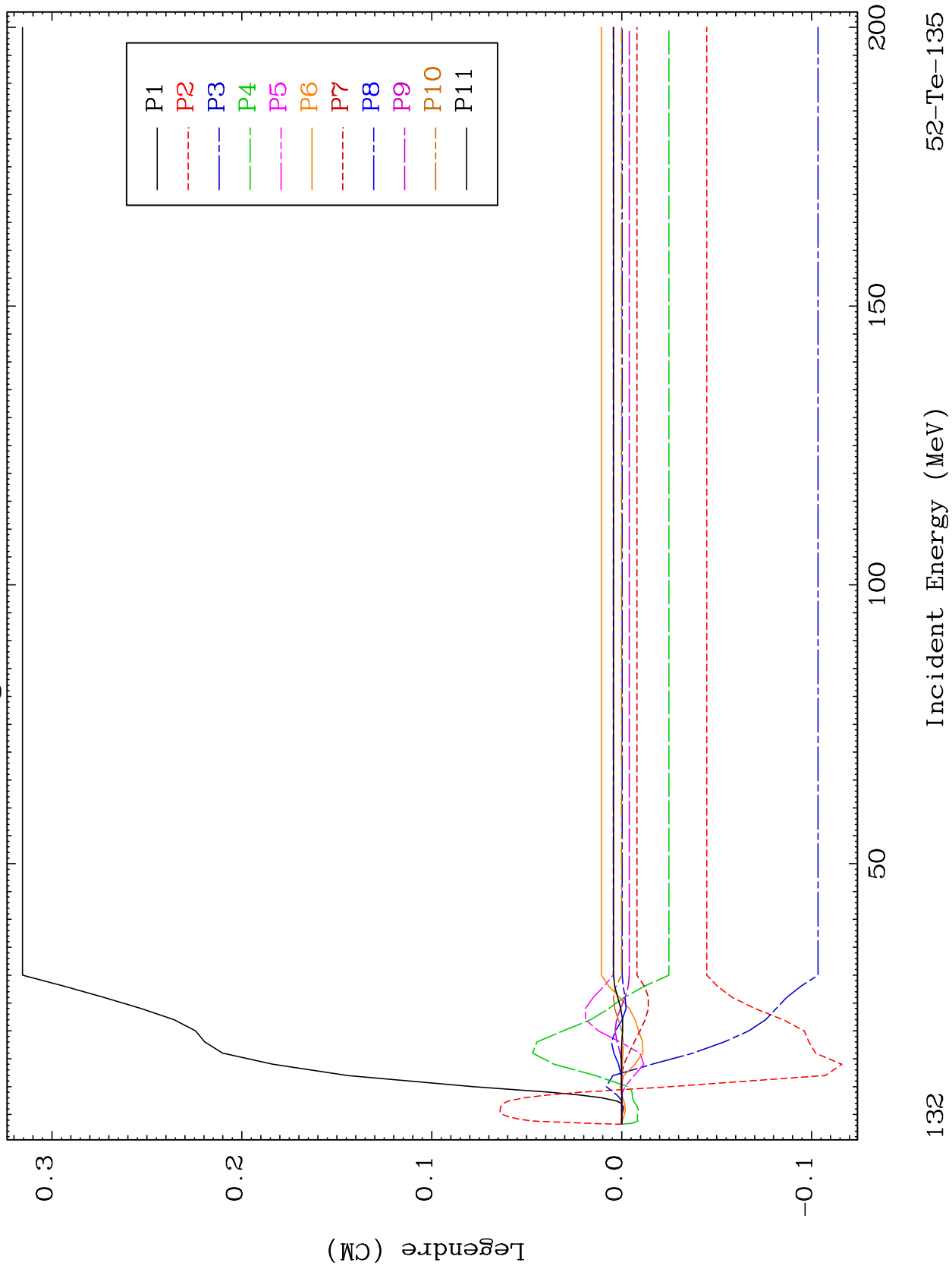
52-Te-135



MAT 5270

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

52-Te-135



52-Te-135

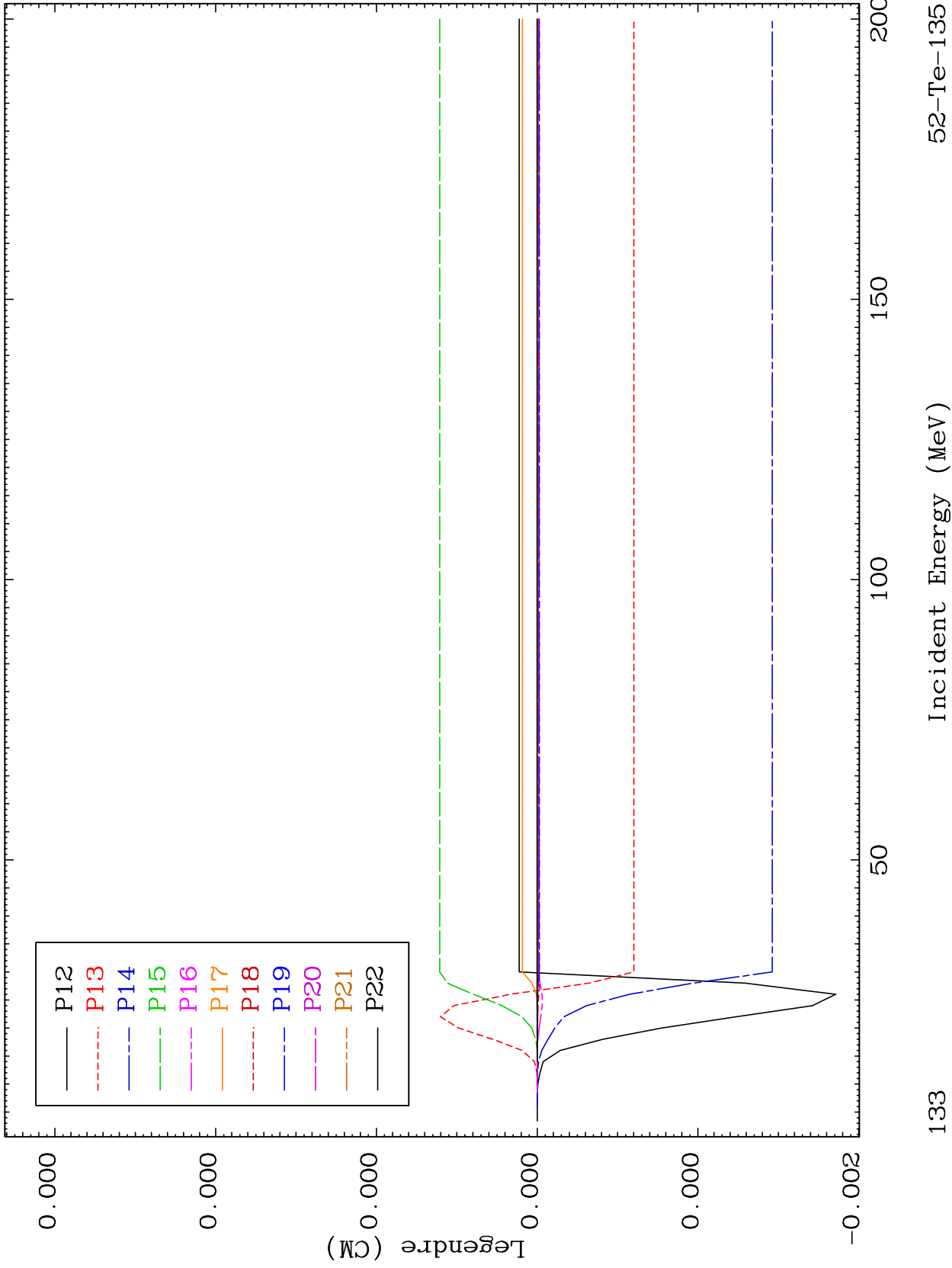
Incident Energy (MeV)

132

MAT 5270

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

52-Te-135



133

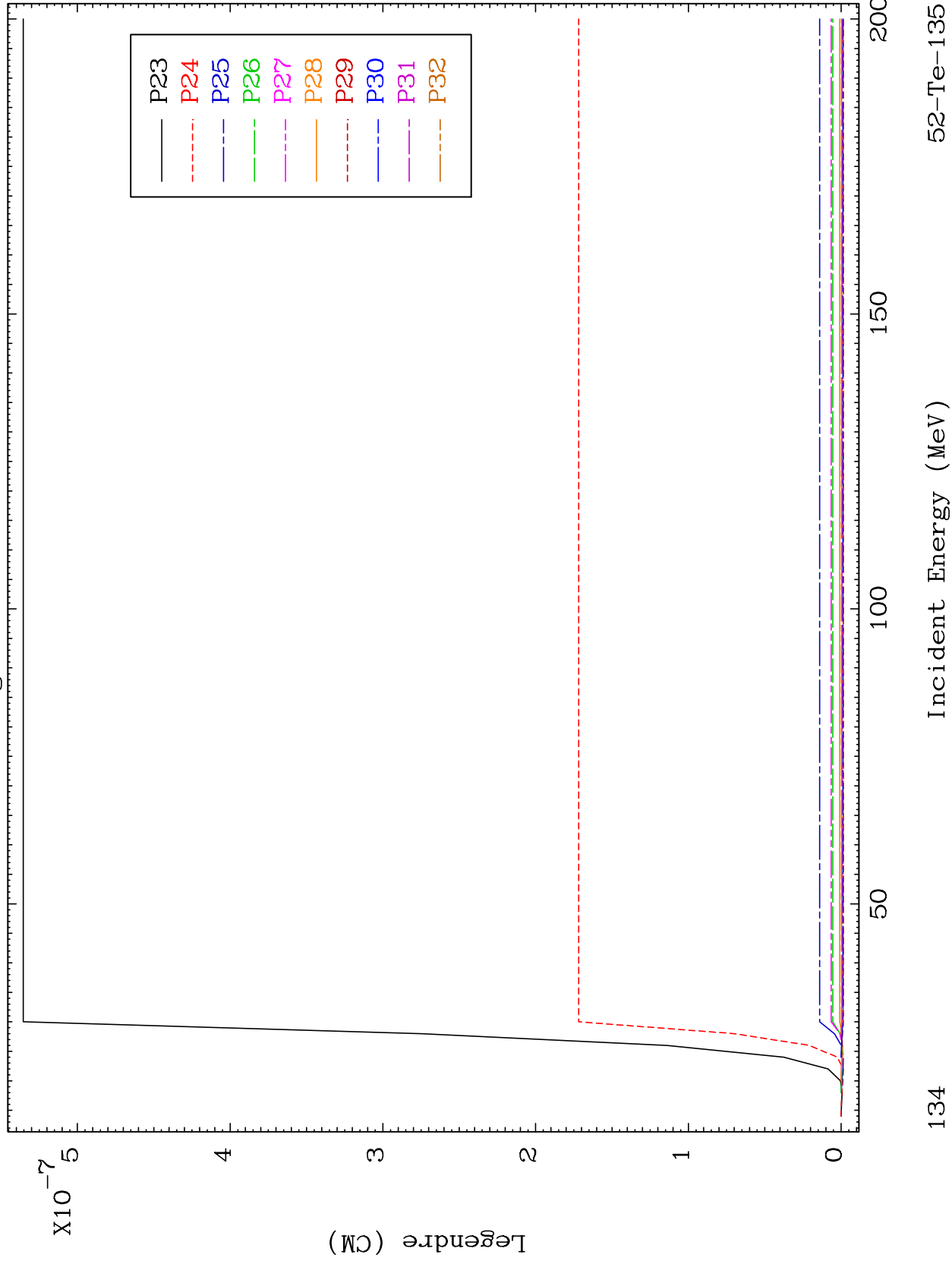
Incident Energy (MeV)

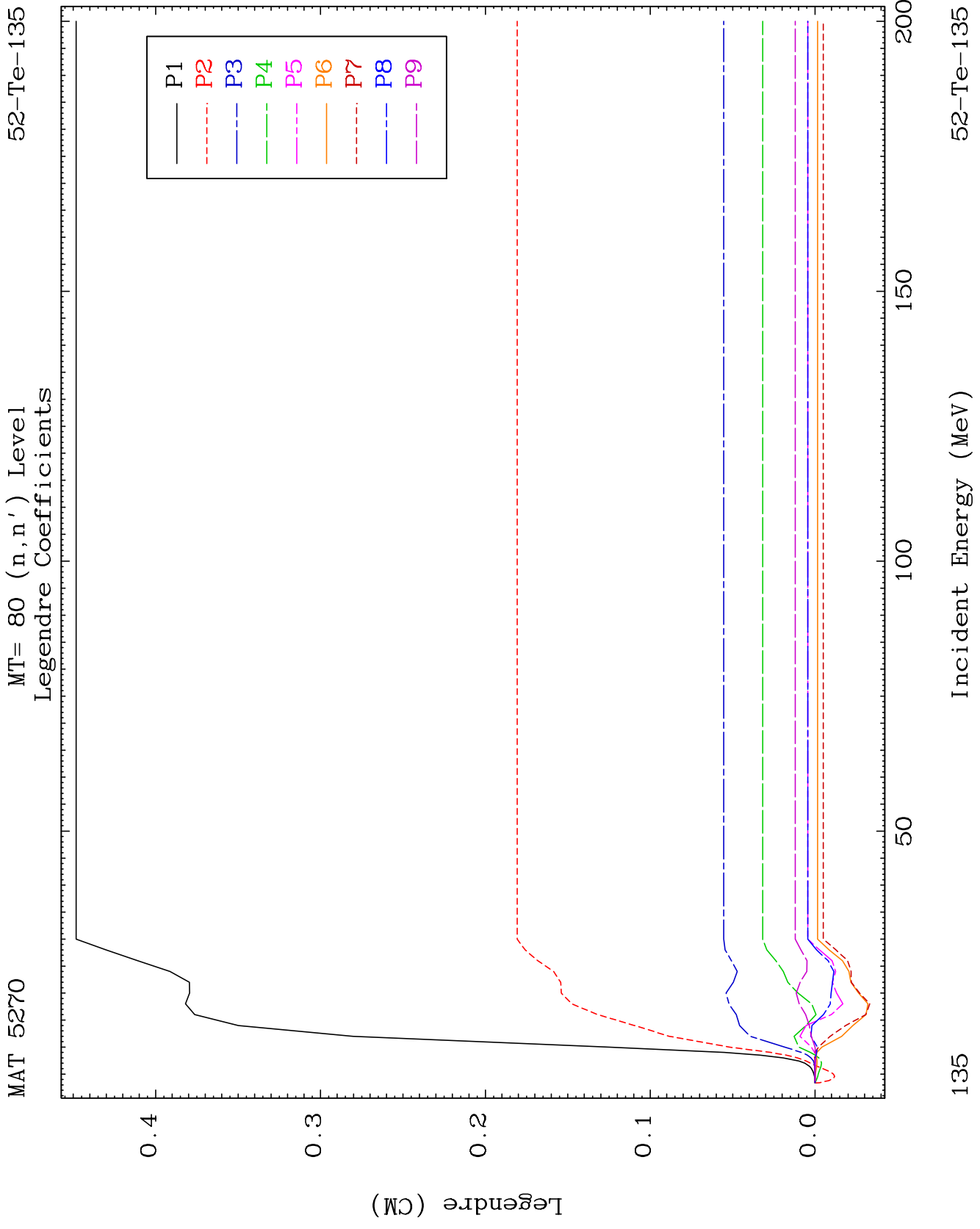
52-Te-135

MAT 5270

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

52-Te-135











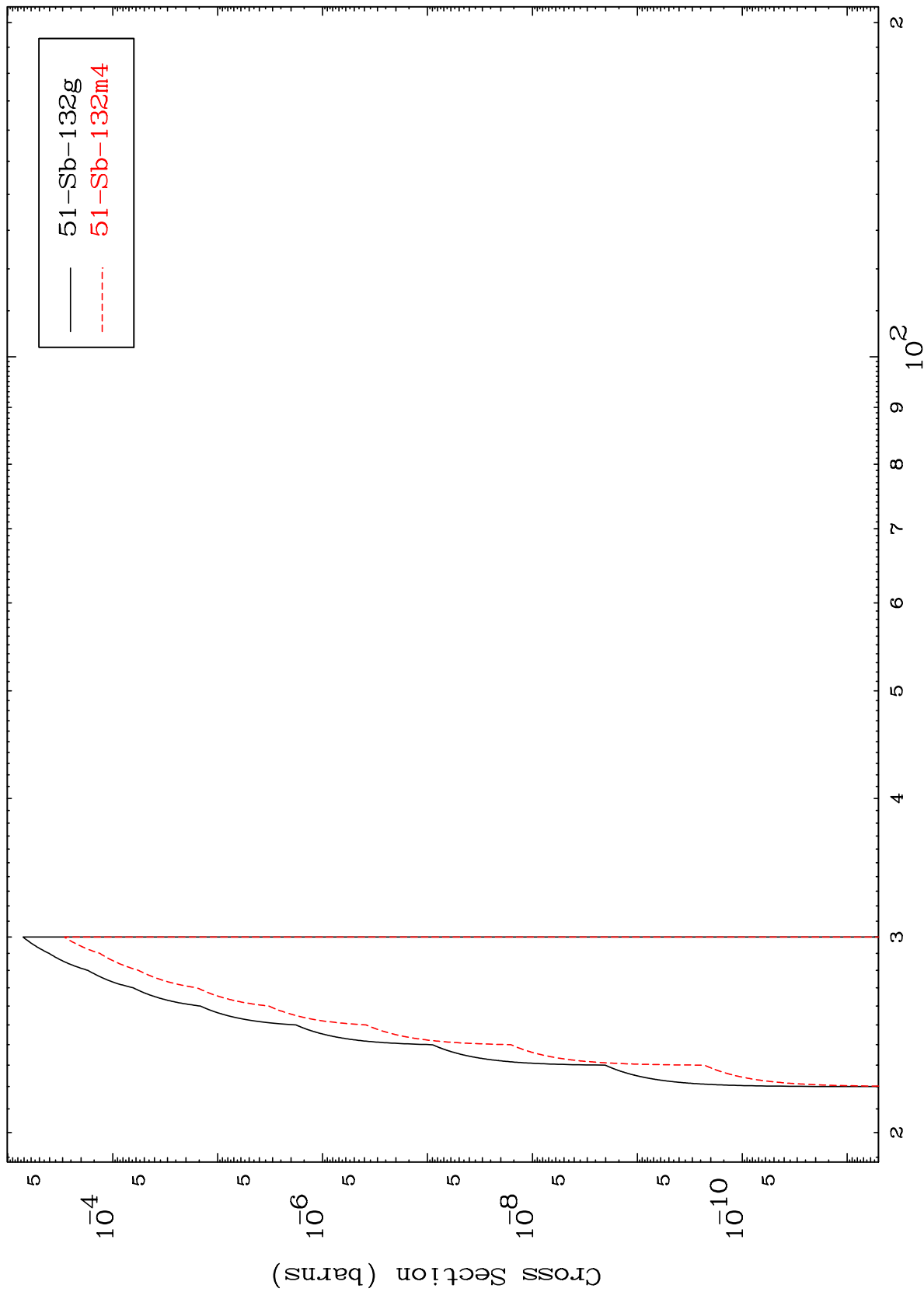


MAT 5270

(n,2n) d

52-Te-135

Radionuclide Production Cross Section



139

Incident Energy (MeV)

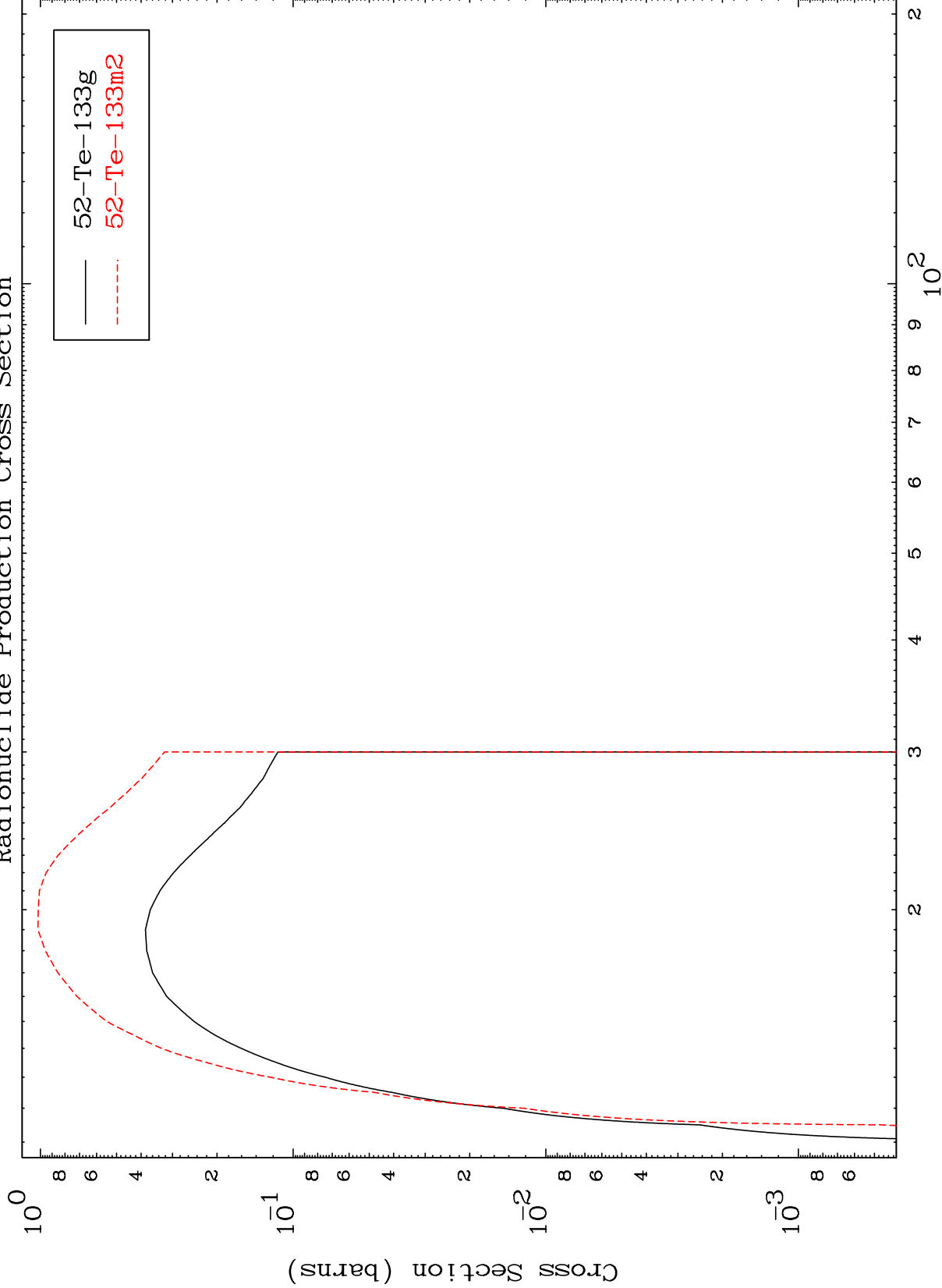
52-Te-135

MAT 5270

(n,3n)

52-Te-135

Radionuclide Production Cross Section



52-Te-133g  
52-Te-133m2

140

Incident Energy (MeV)

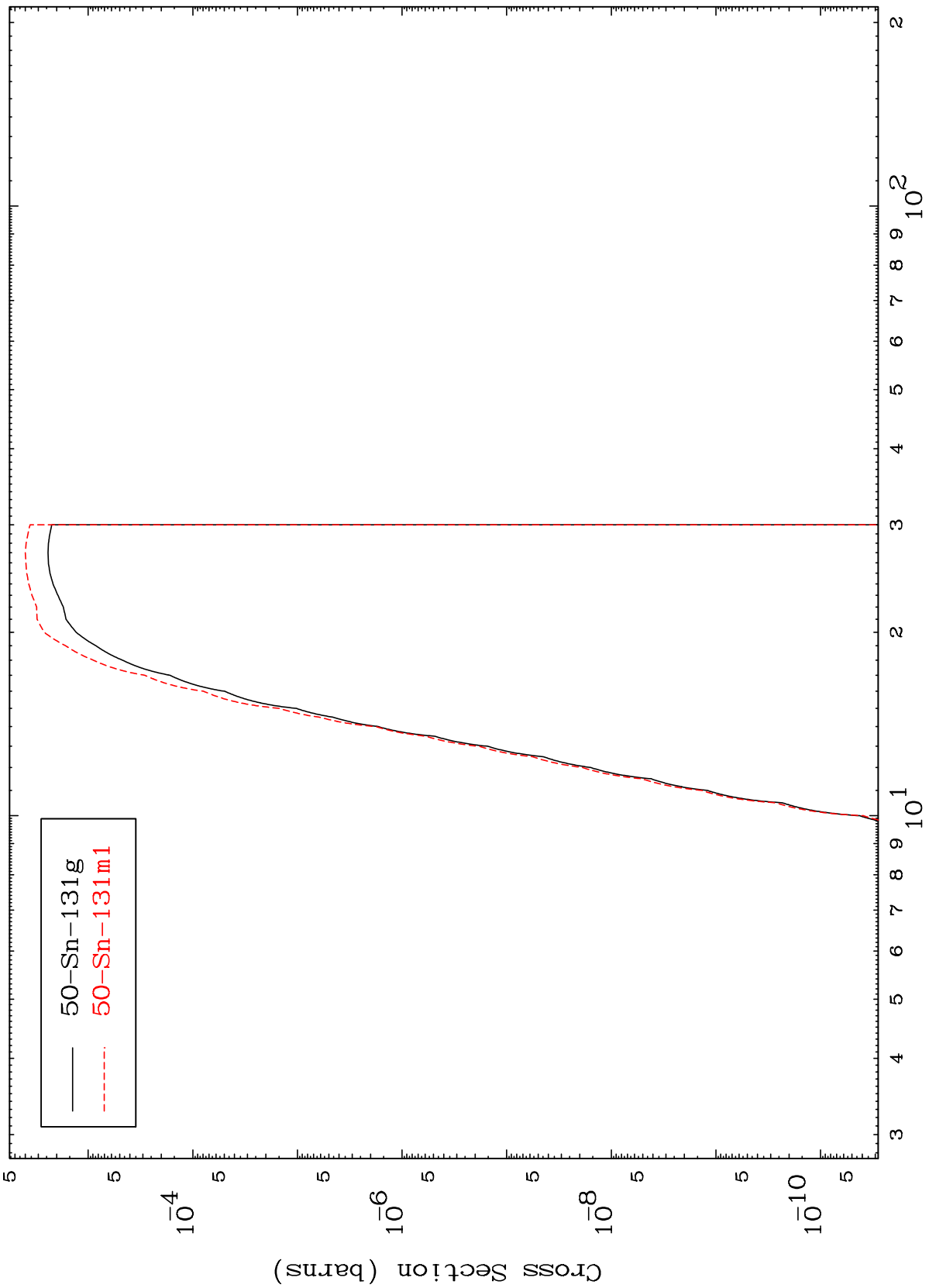
52-Te-135

MAT 5270

(n,n')  $\alpha$

52-Te-135

Radionuclide Production Cross Section



50-Sn-131g  
50-Sn-131m1

141

Incident Energy (MeV)

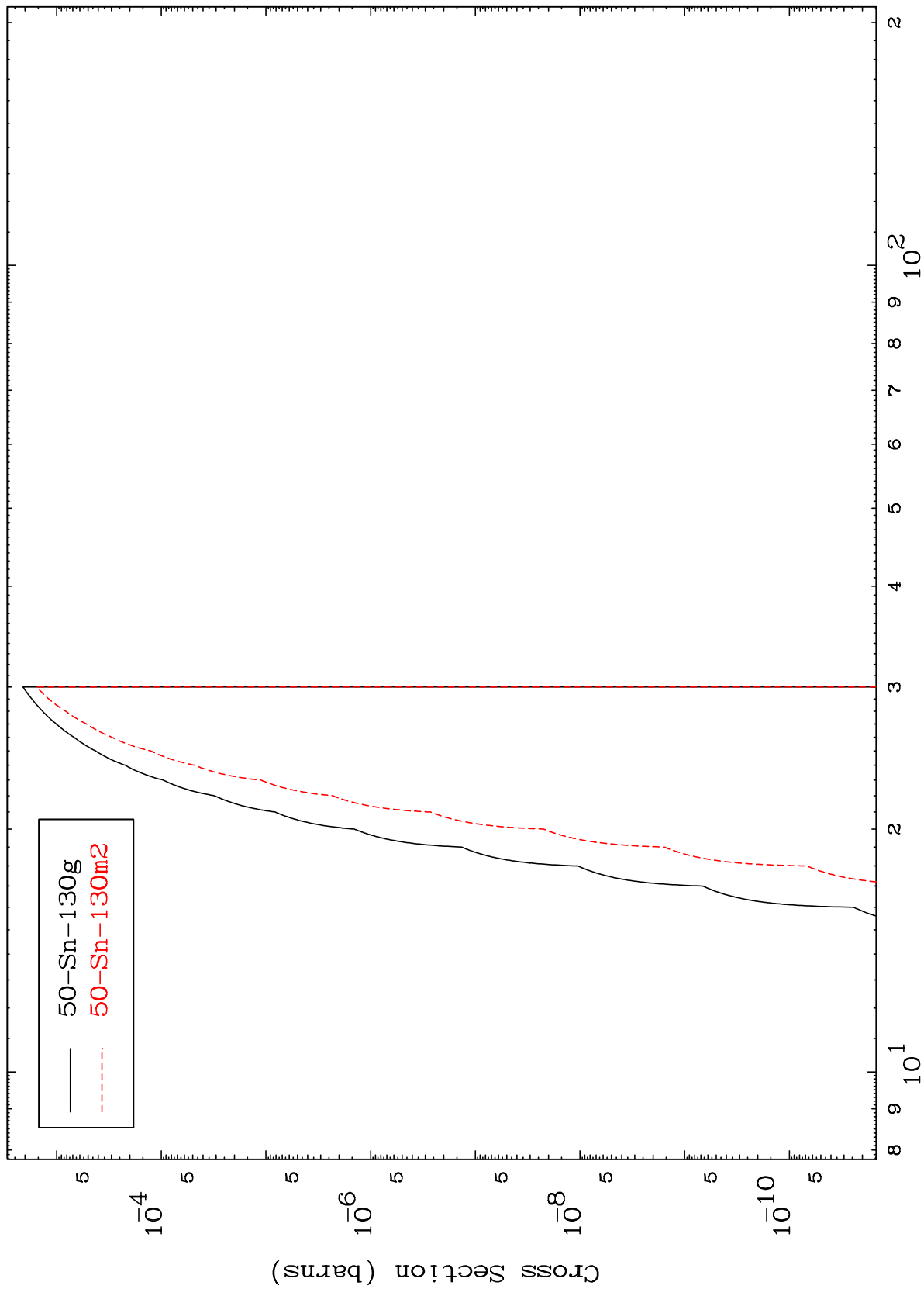
52-Te-135

MAT 5270

(n,2n)  $\alpha$

52-Te-135

Radionuclide Production Cross Section



142

Incident Energy (MeV)

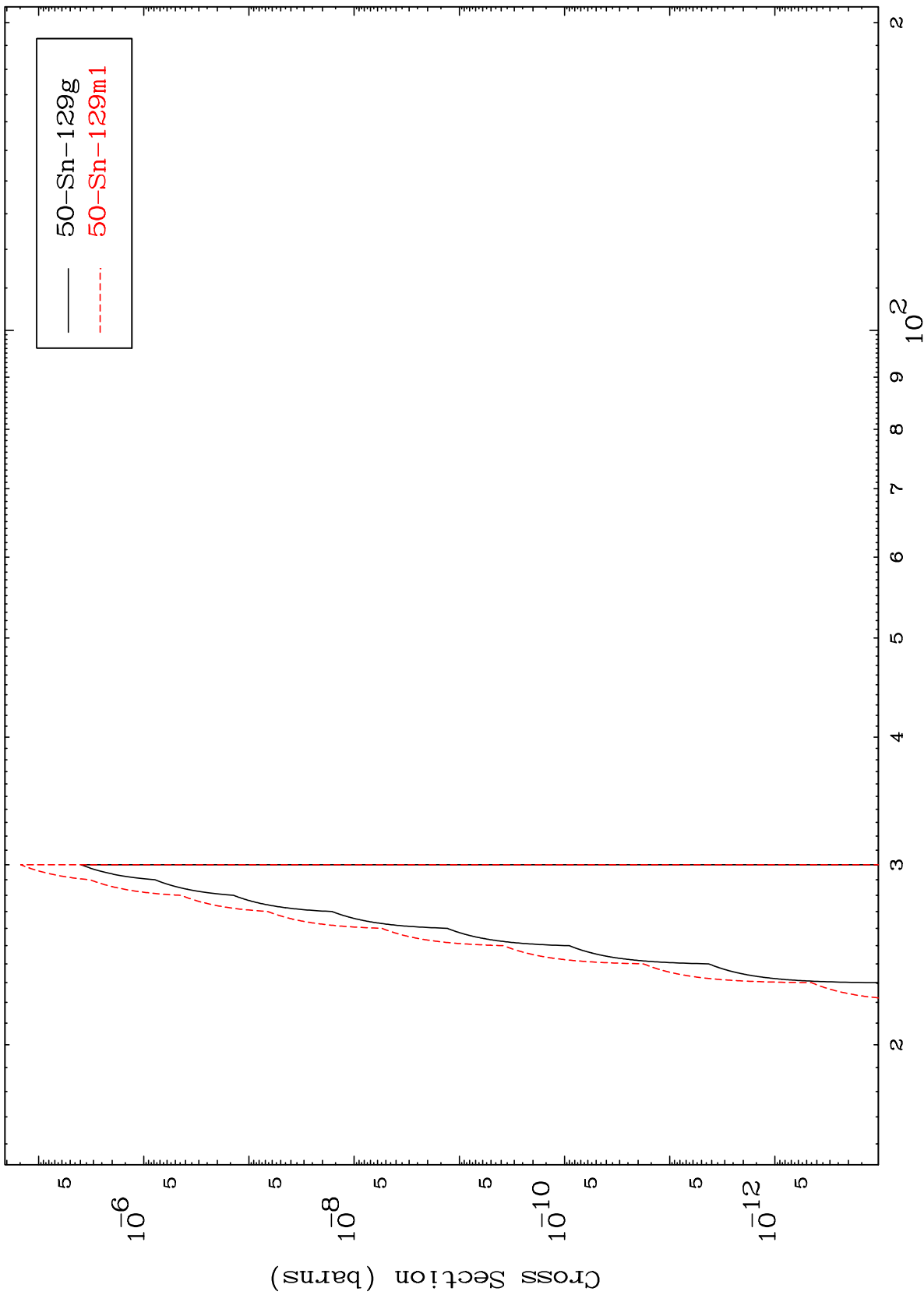
52-Te-135

MAT 5270

(n,3n)  $\alpha$

52-Te-135

Radionuclide Production Cross Section



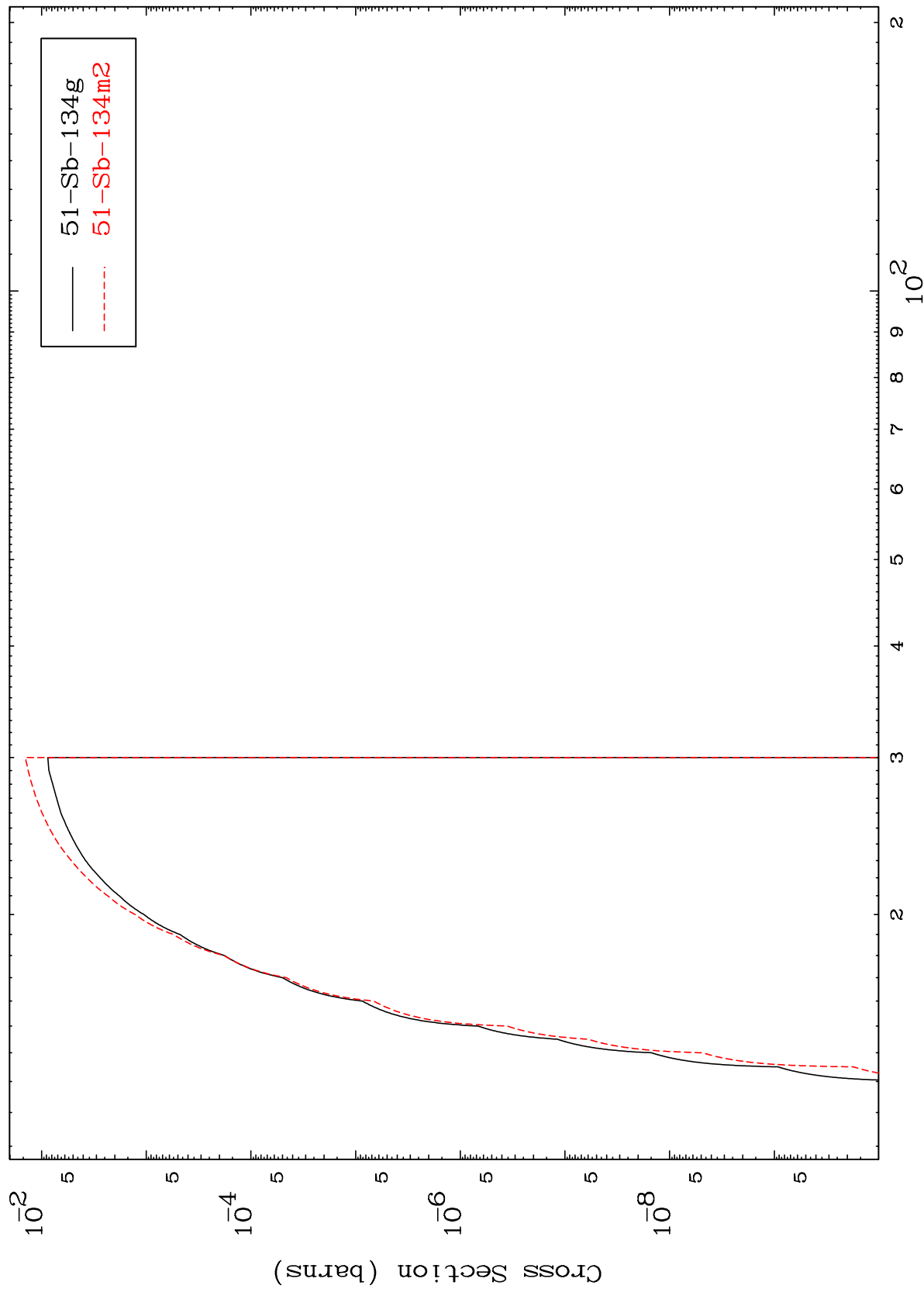
143

Incident Energy (MeV)

52-Te-135



Radionuclide Production Cross Section

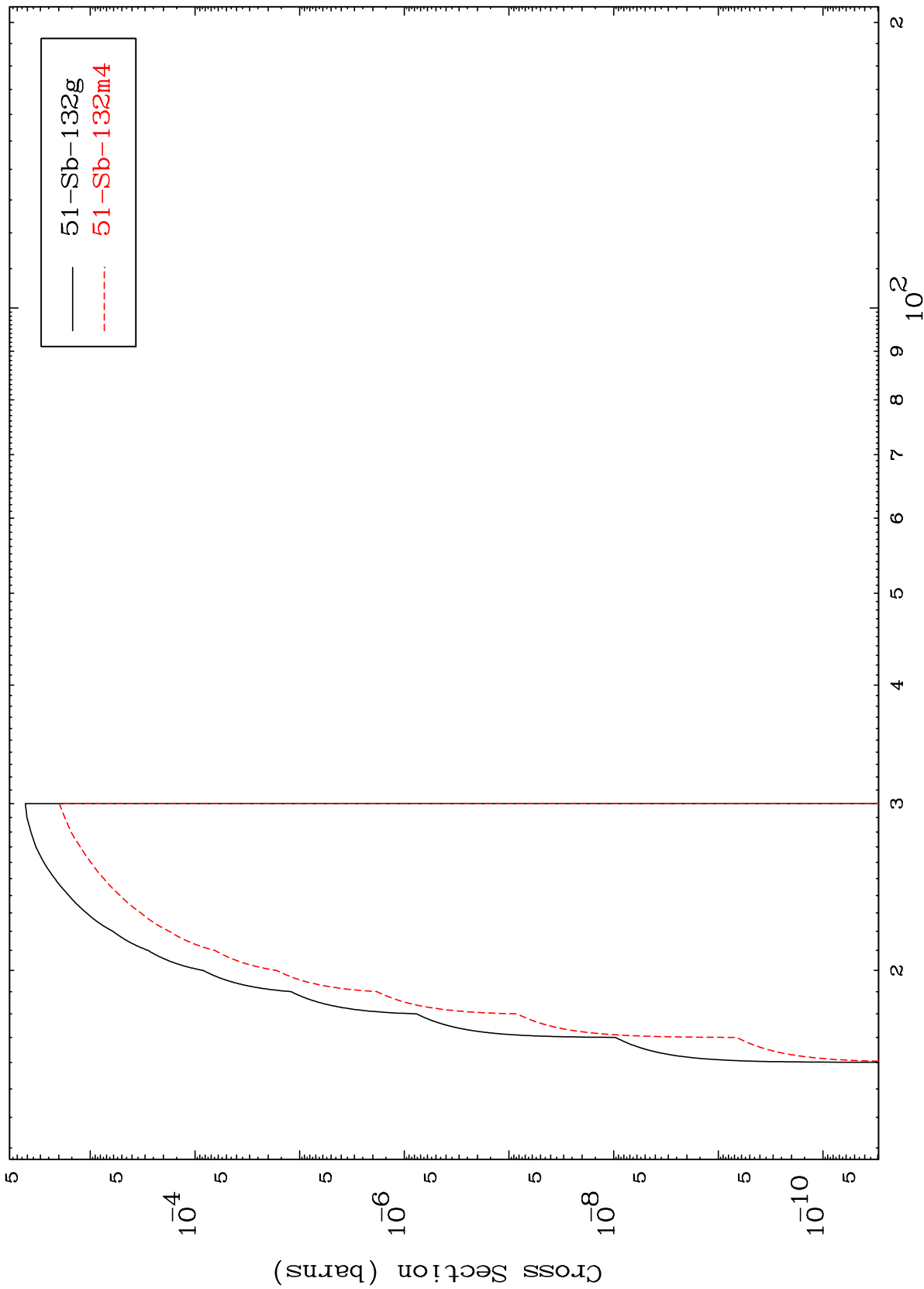


MAT 5270

(n,n') t

52-Te-135

Radionuclide Production Cross Section



145

Incident Energy (MeV)

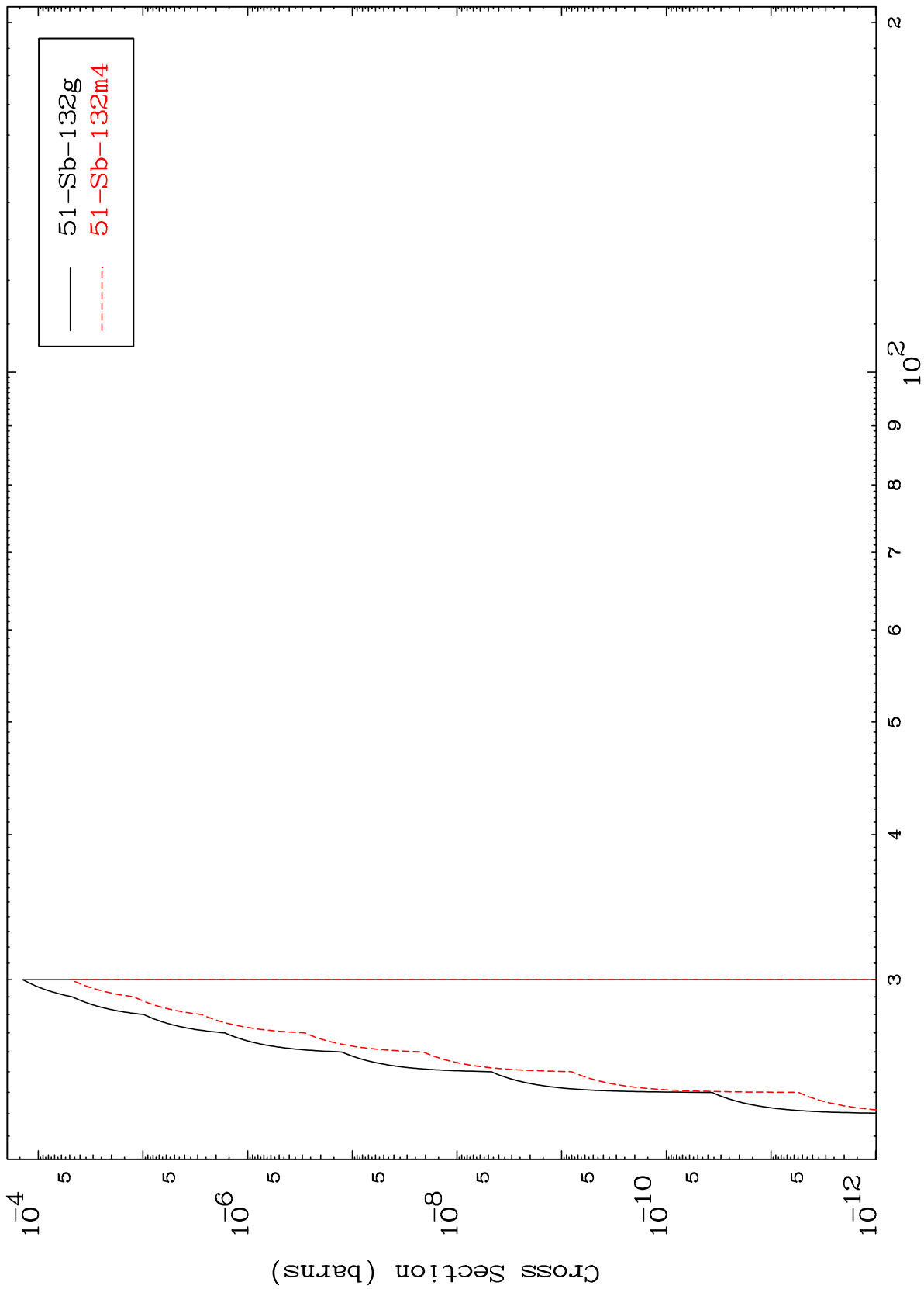
52-Te-135

MAT 5270

(n,3n) p

52-Te-135

Radionuclide Production Cross Section



146

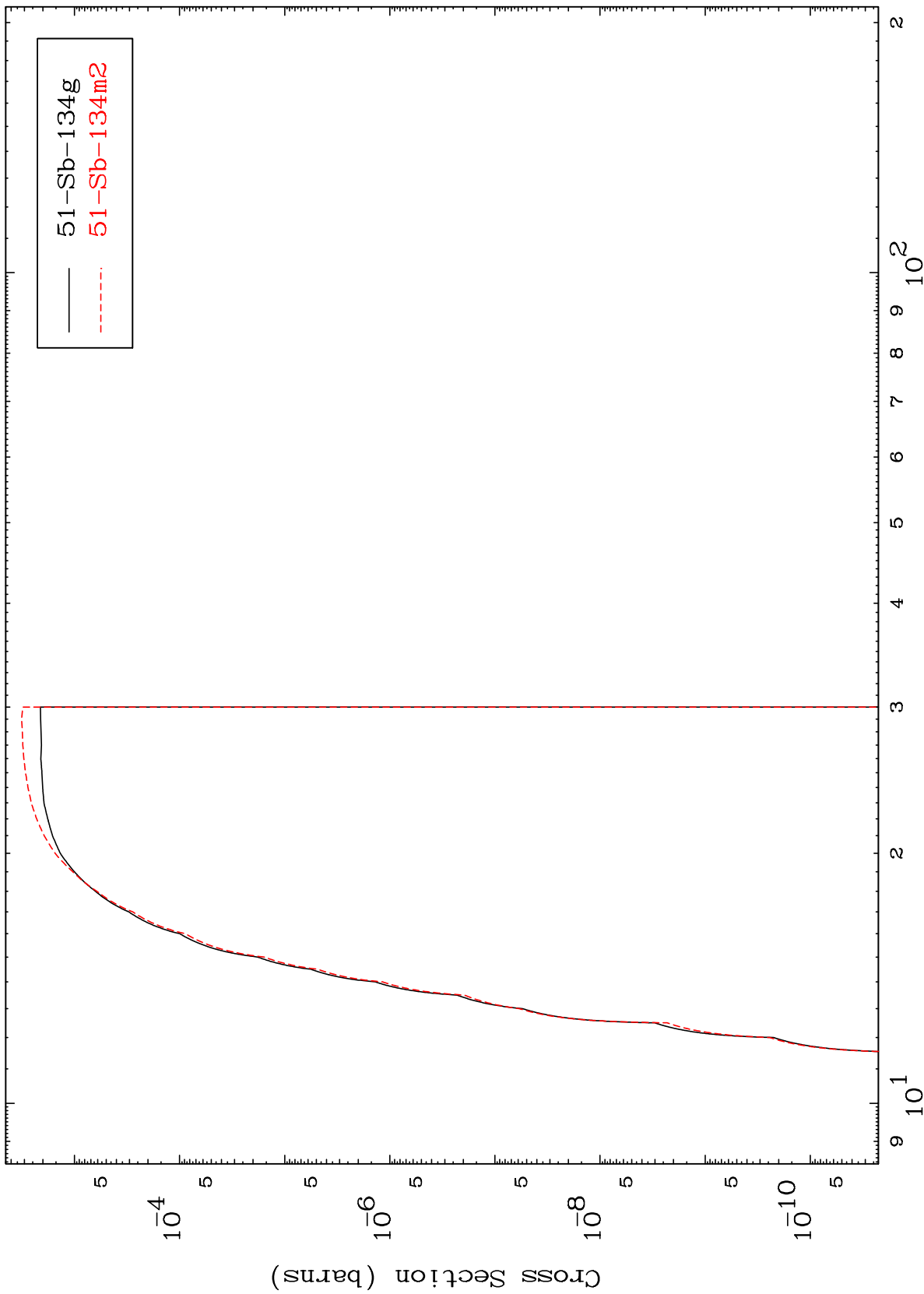
Incident Energy (MeV)

52-Te-135

MAT 5270

52-Te-135

(n,d)  
Radionuclide Production Cross Section



52-Te-135

Incident Energy (MeV)

147