

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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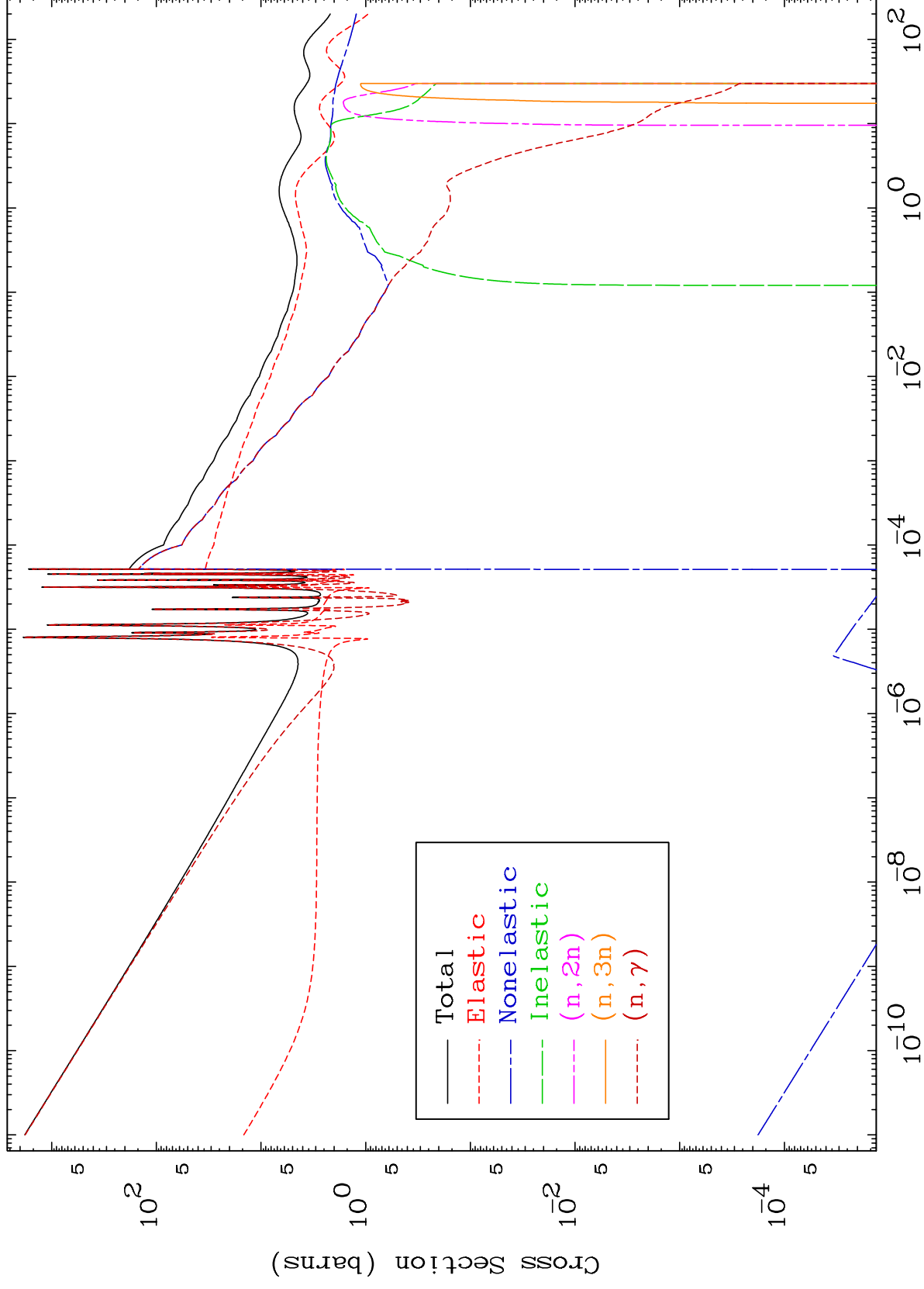
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5716

Neutron Major
293 Kelvin Cross Sections

57-La-135



1

Incident Energy (MeV)

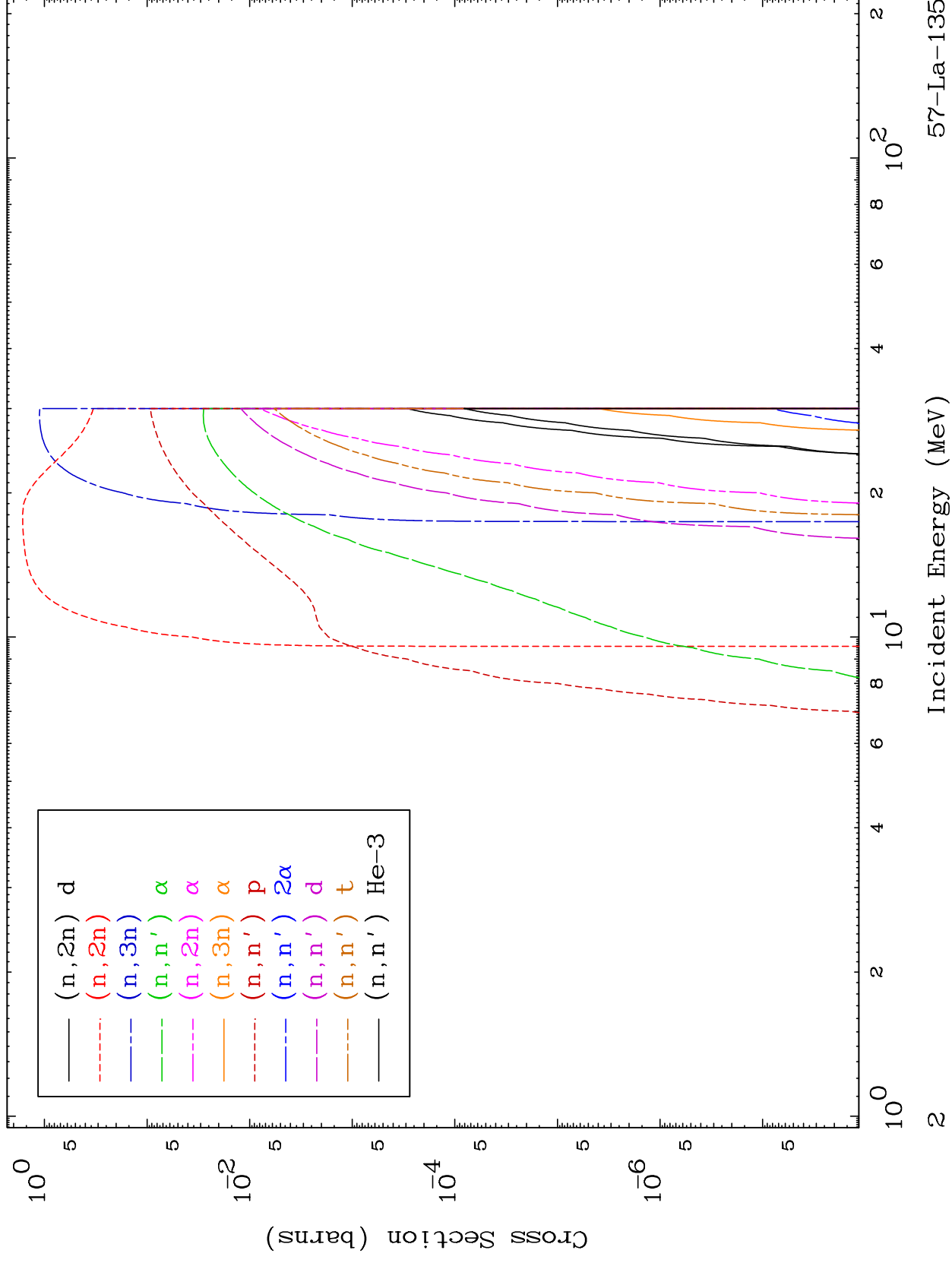
57-La-135

MAT 5716

Neutron Absorption

Neutron Absorption
293 Kelvin Cross Sections

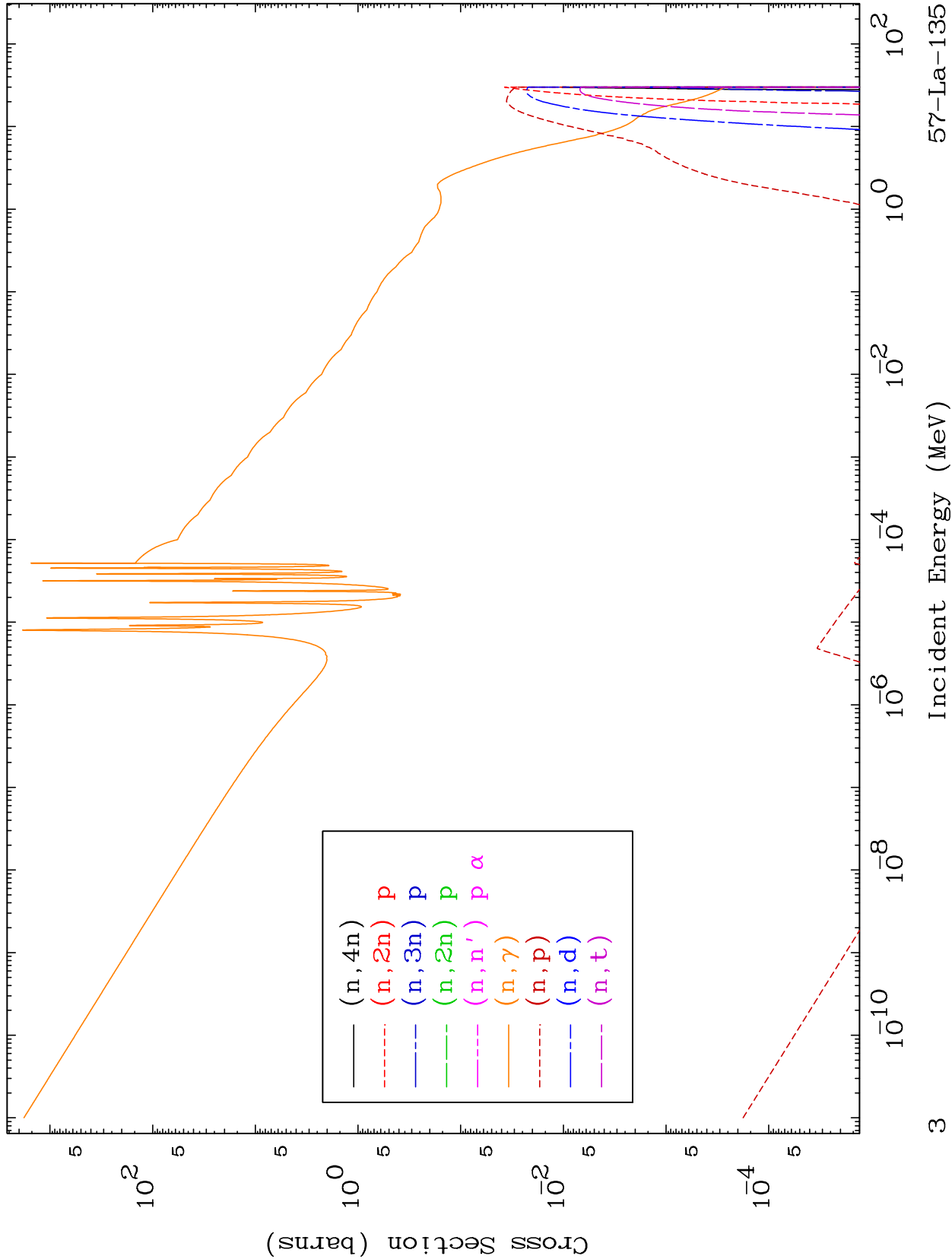
57-La-135

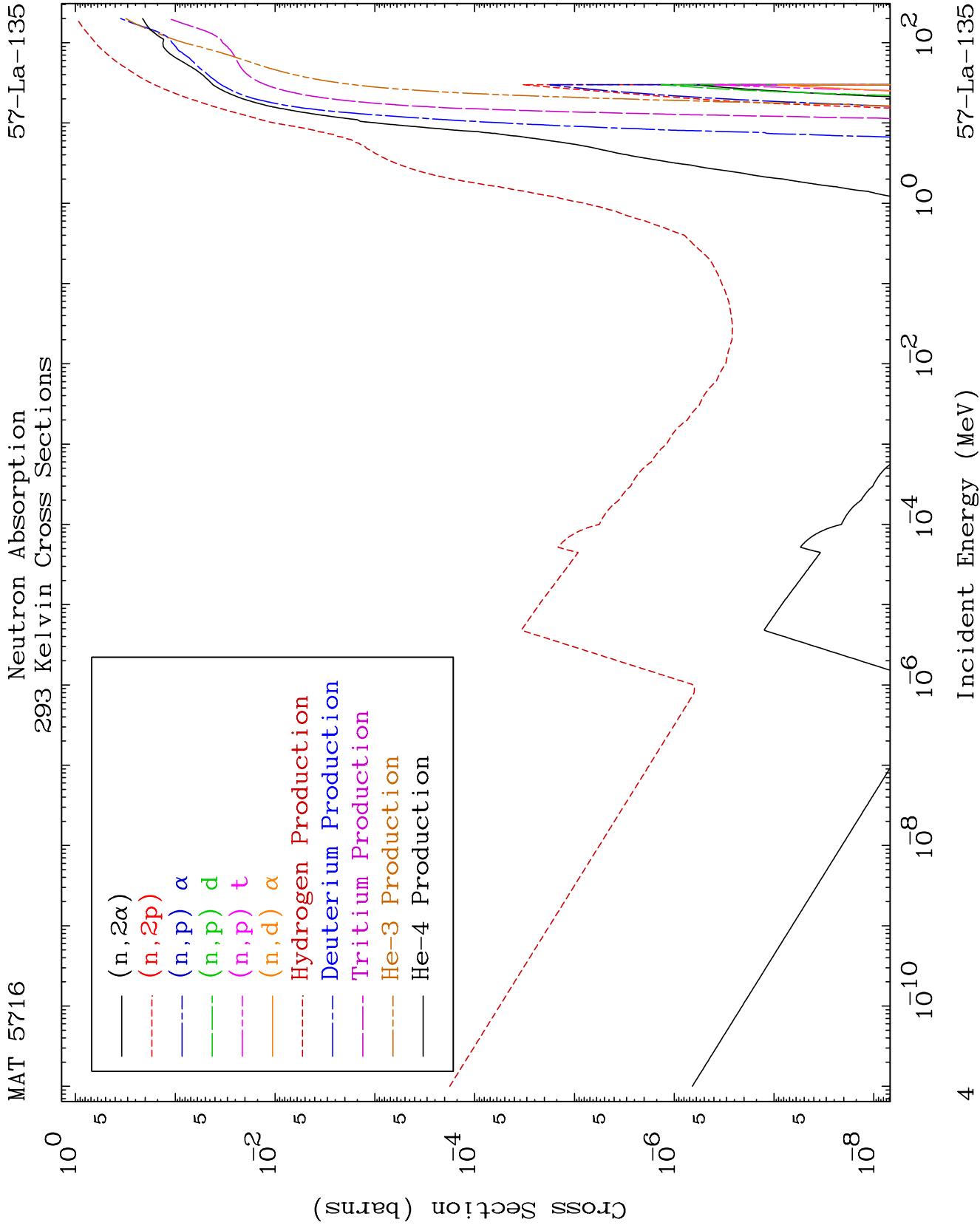


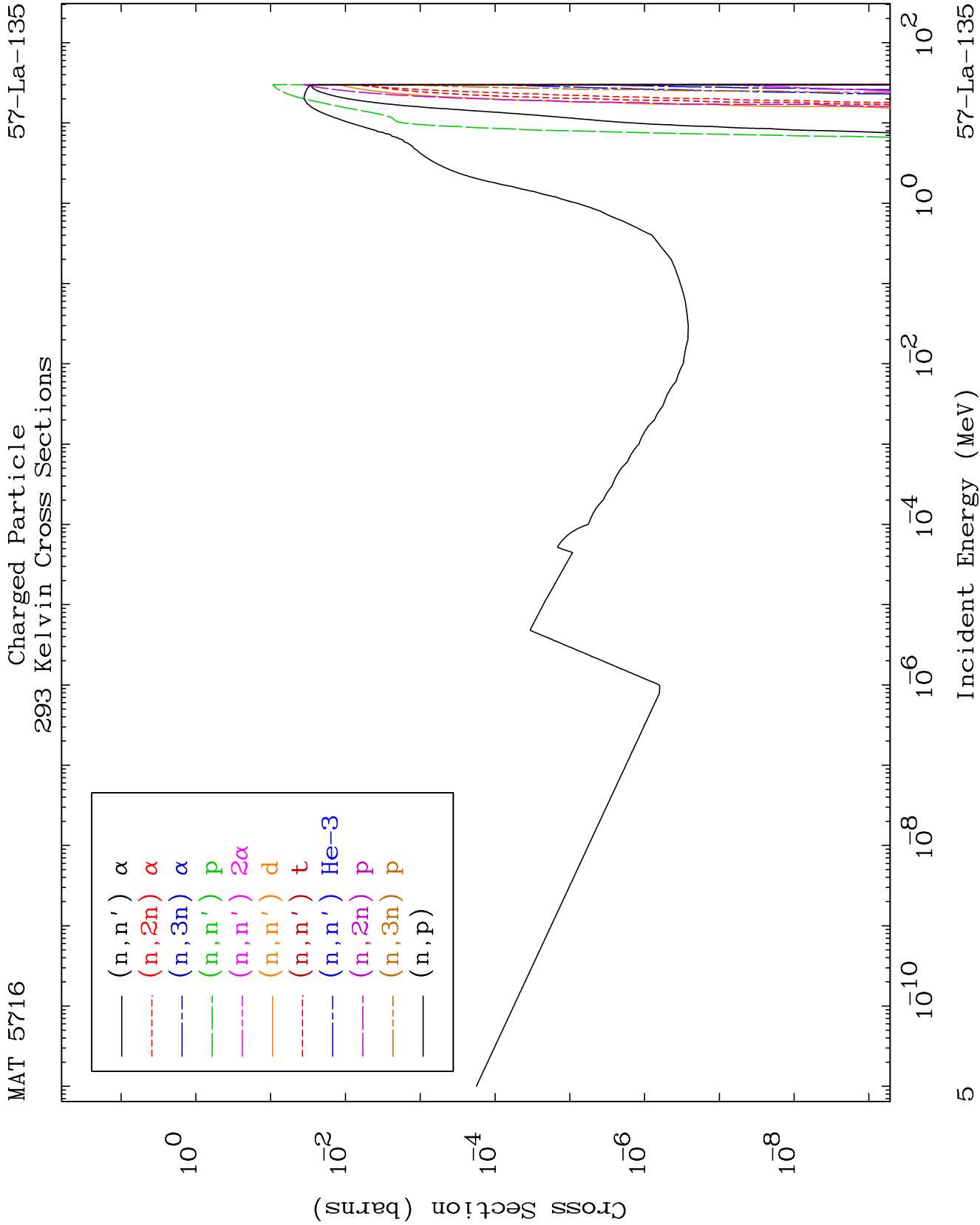
MAT 5716

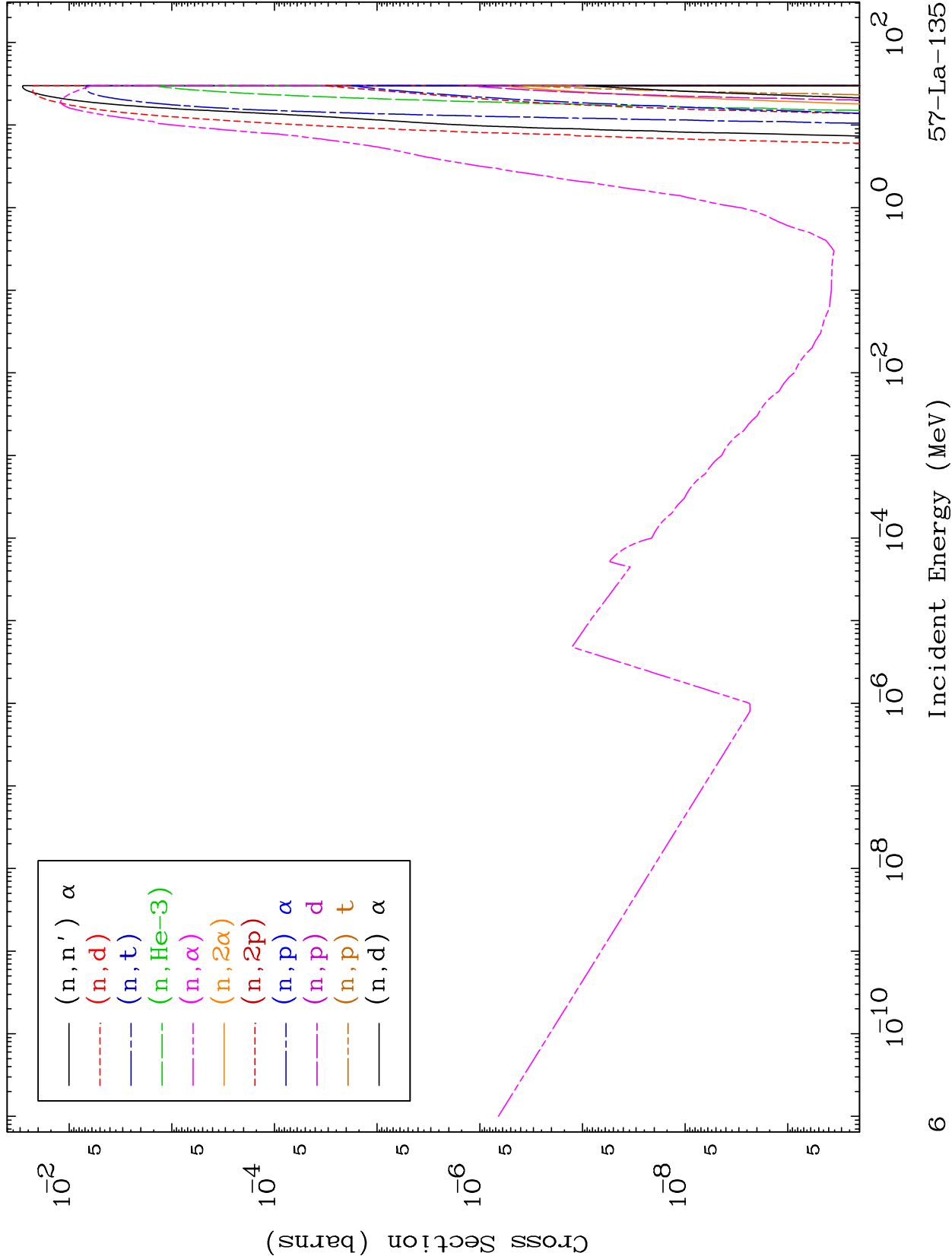
Neutron Absorption
293 Kelvin Cross Sections

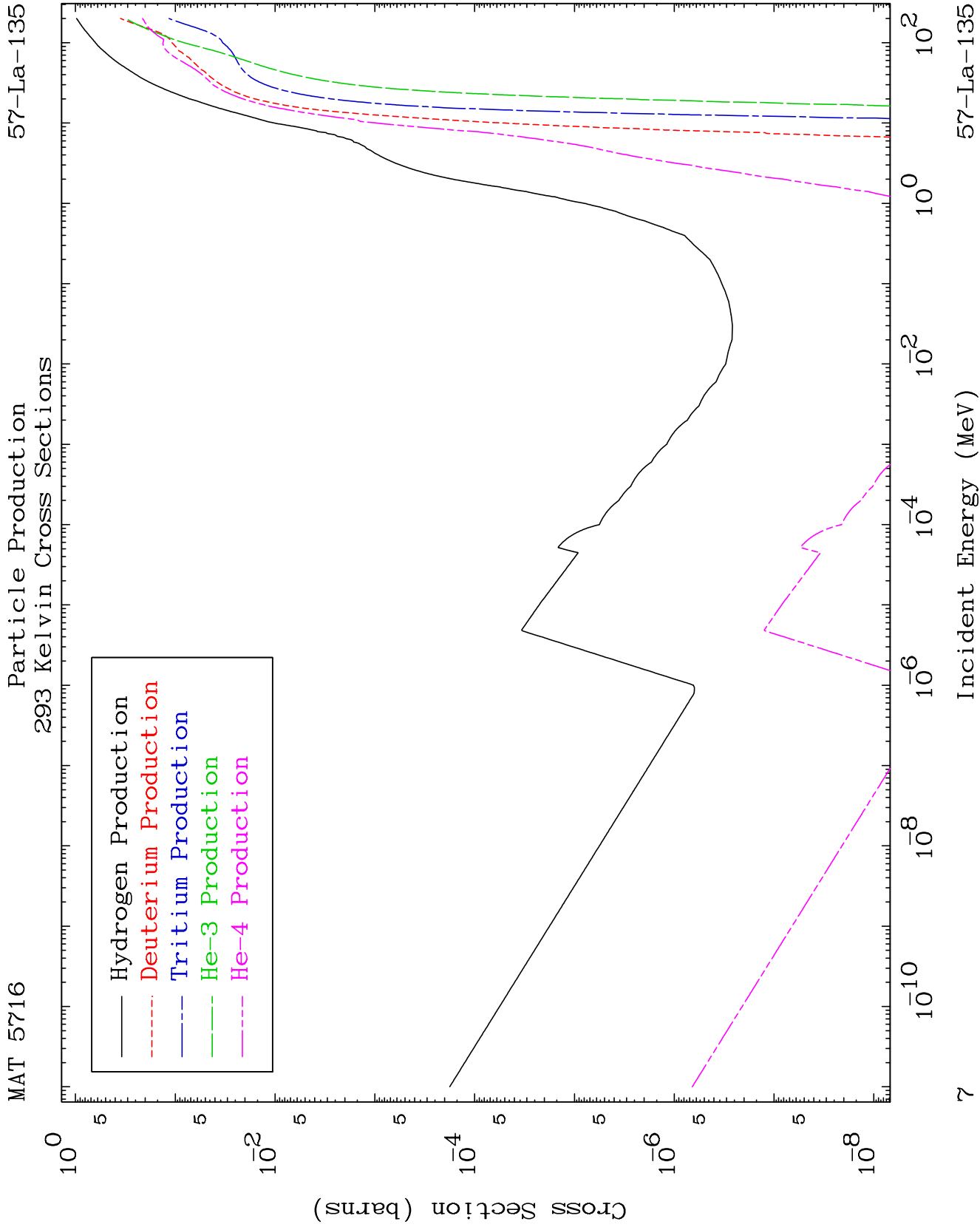
57-La-135

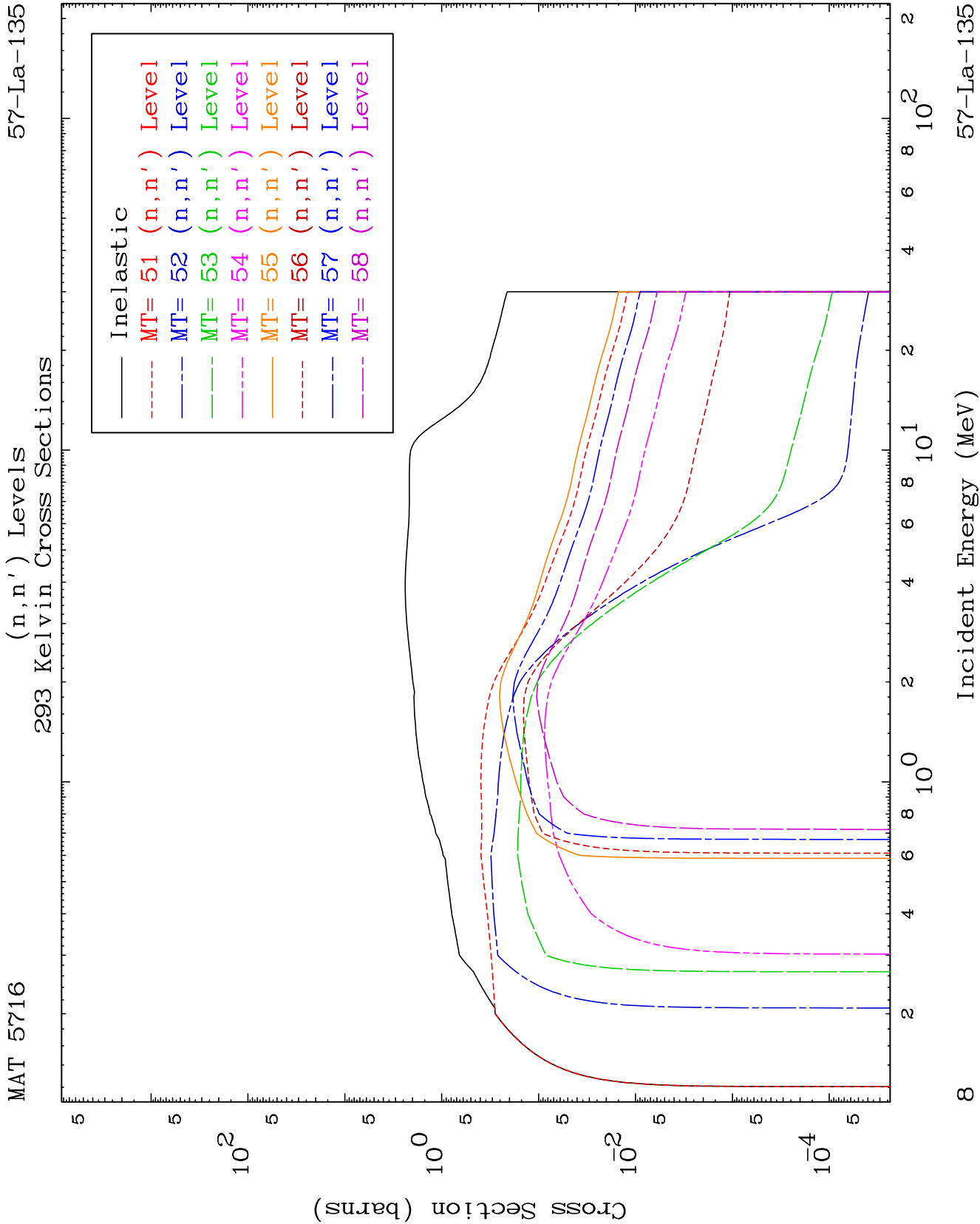


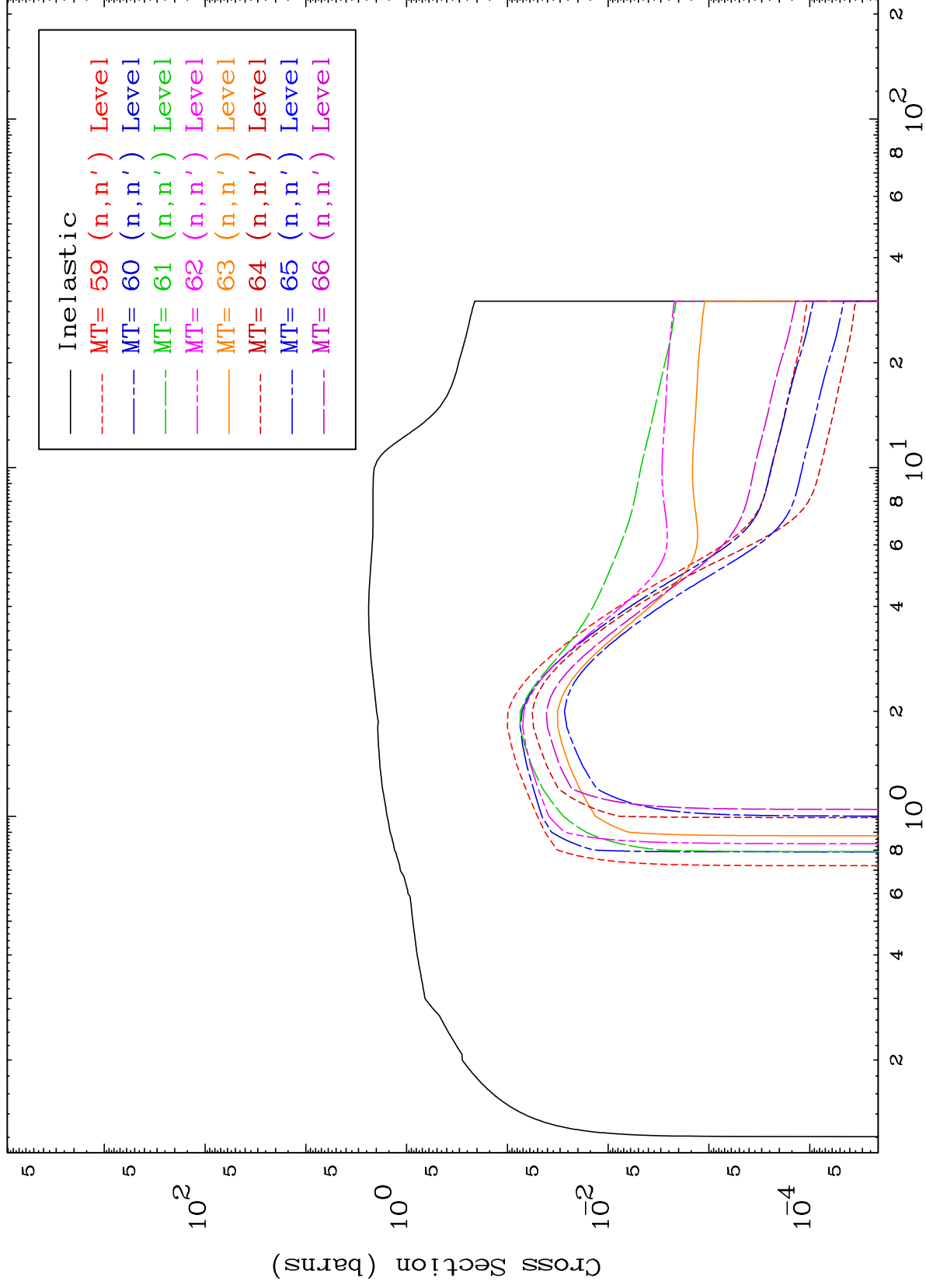


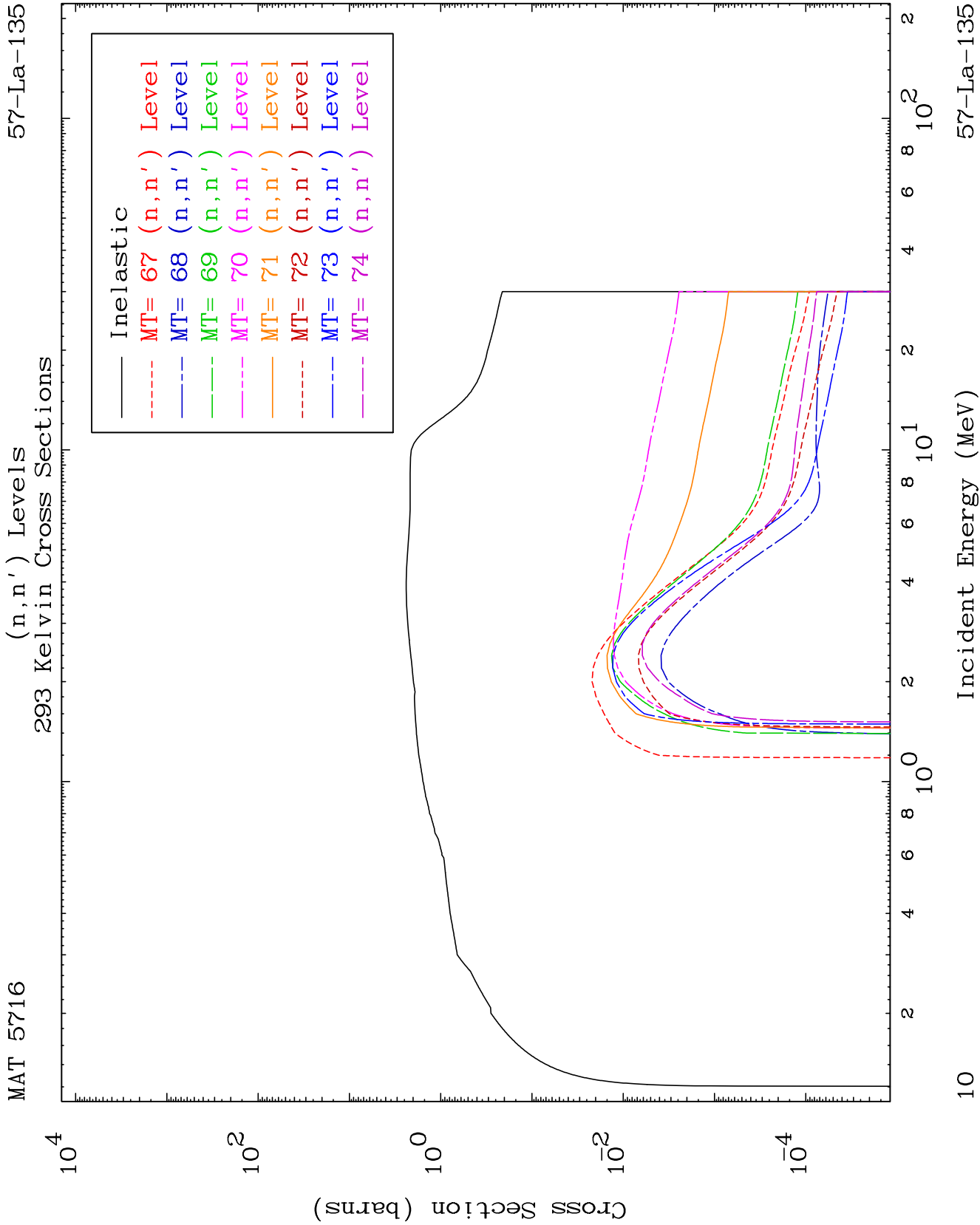


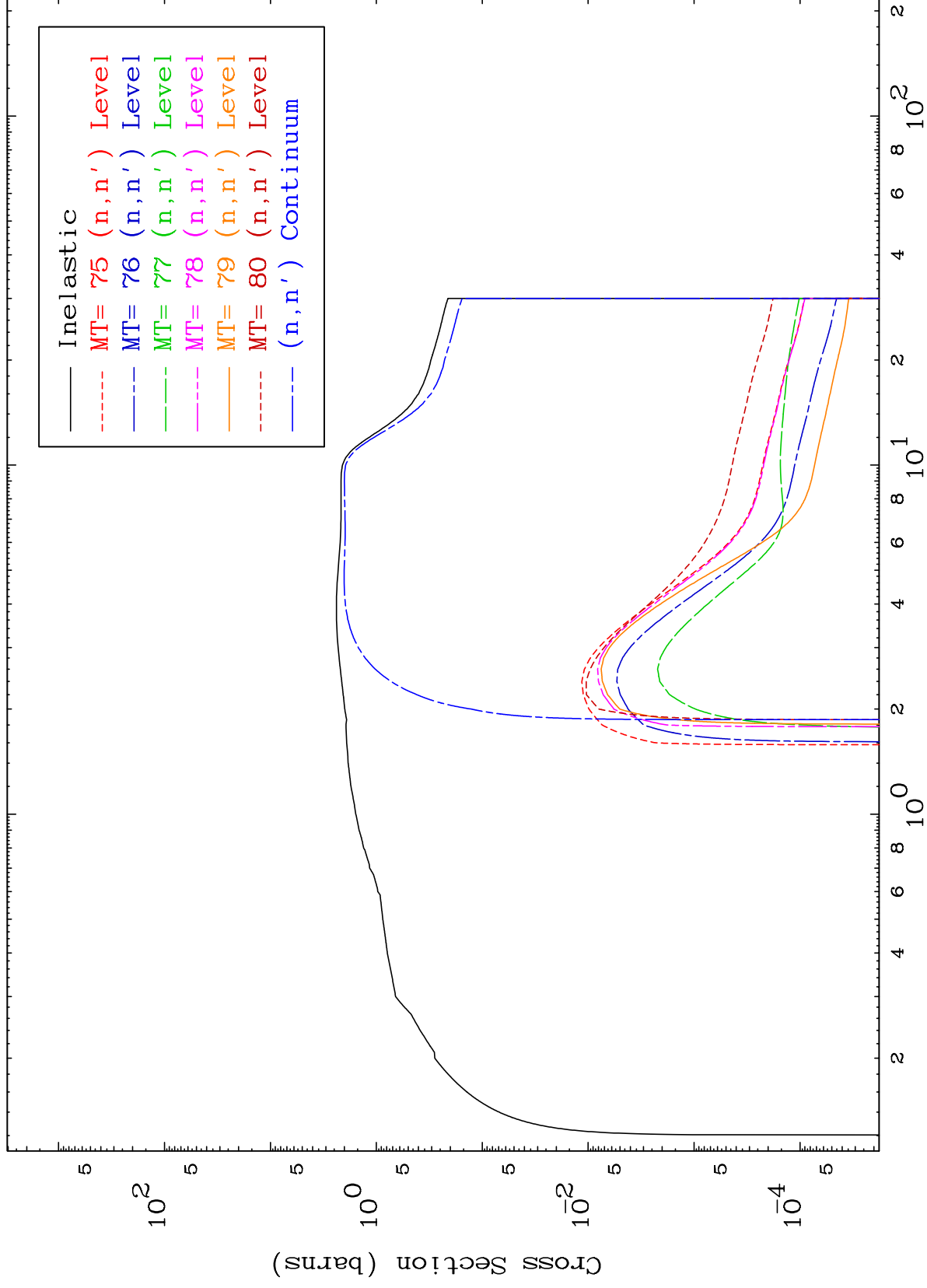


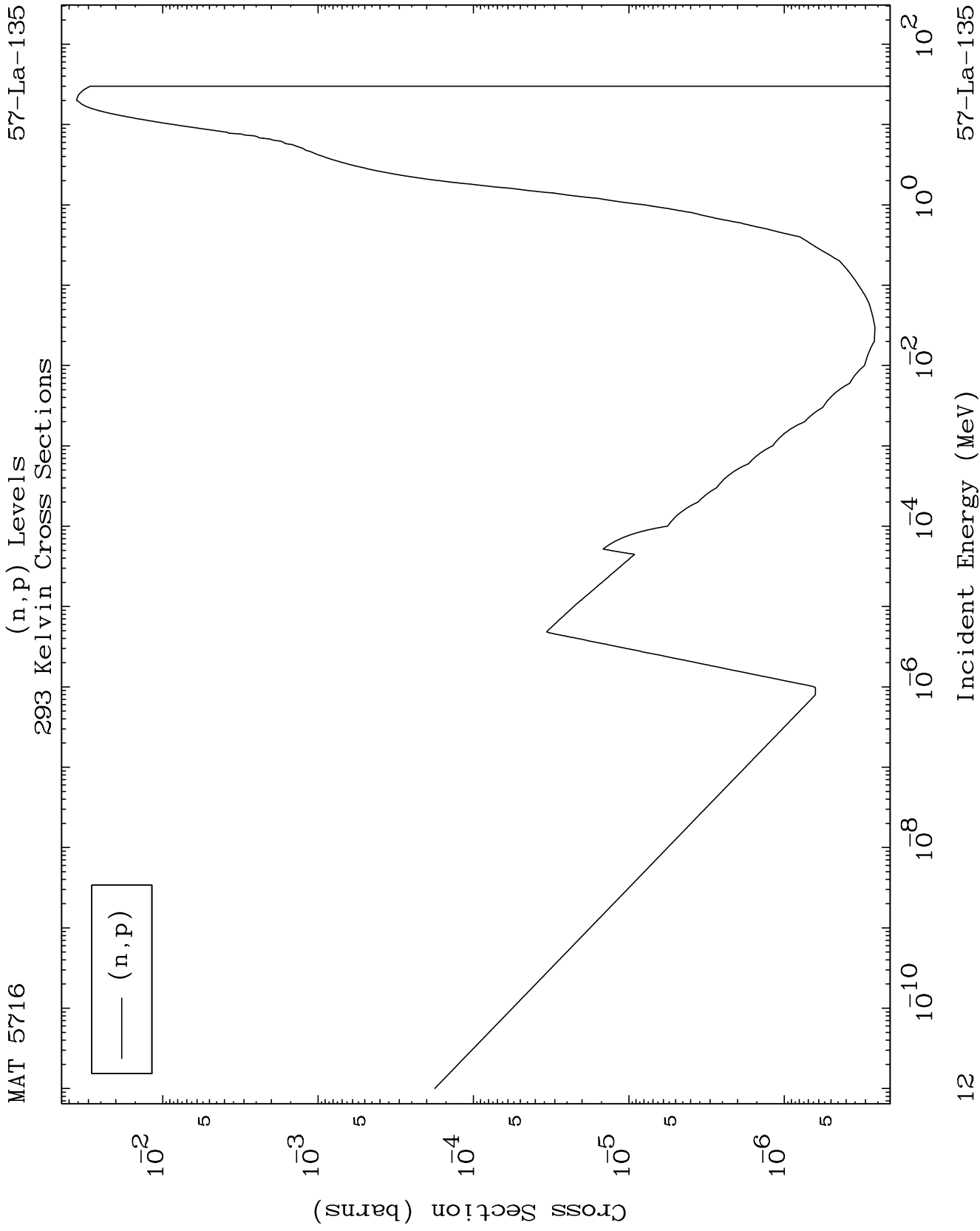








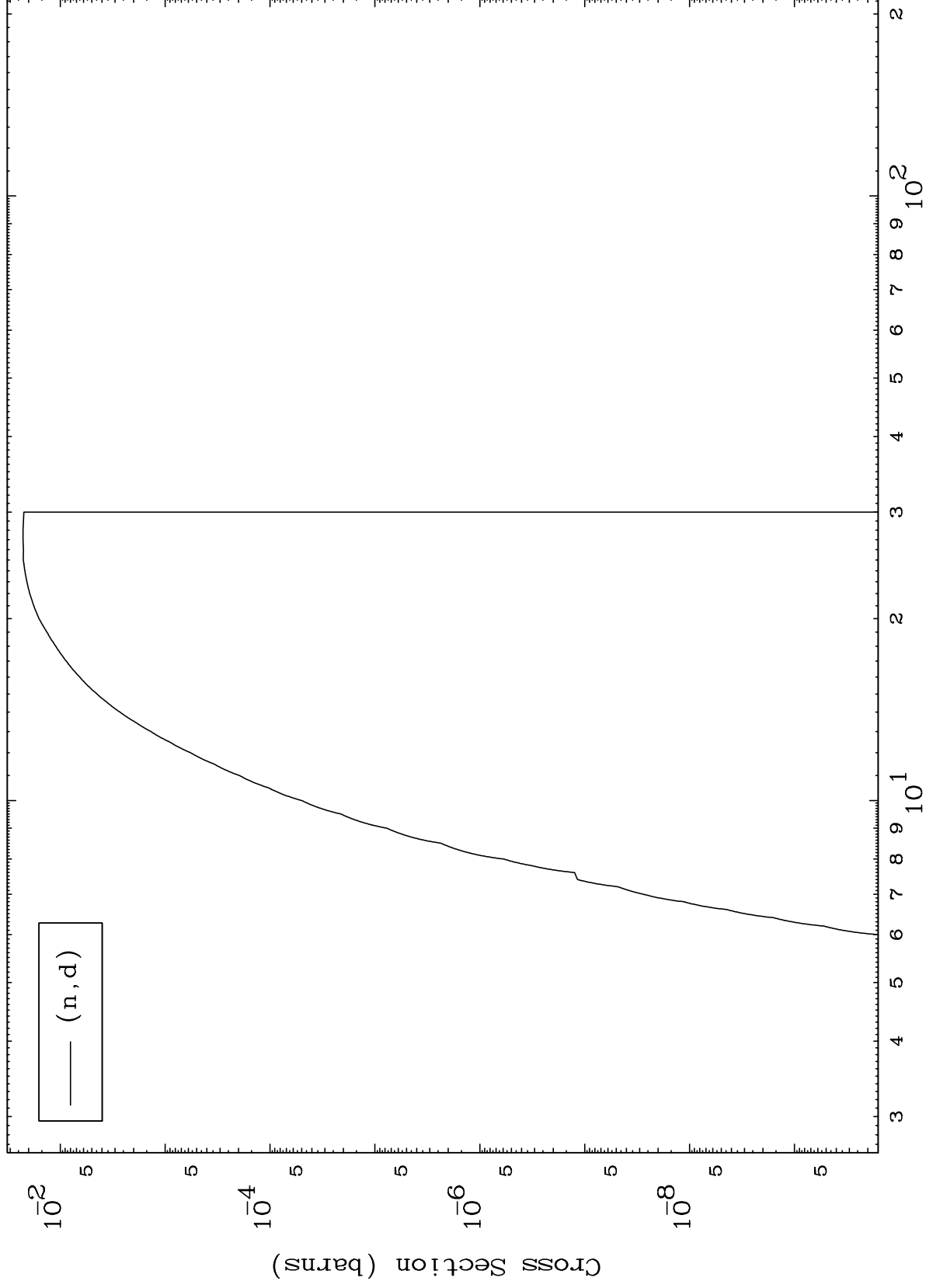




MAT 5716

57-La-135

(n,d) Levels
293 Kelvin Cross Sections



57-La-135

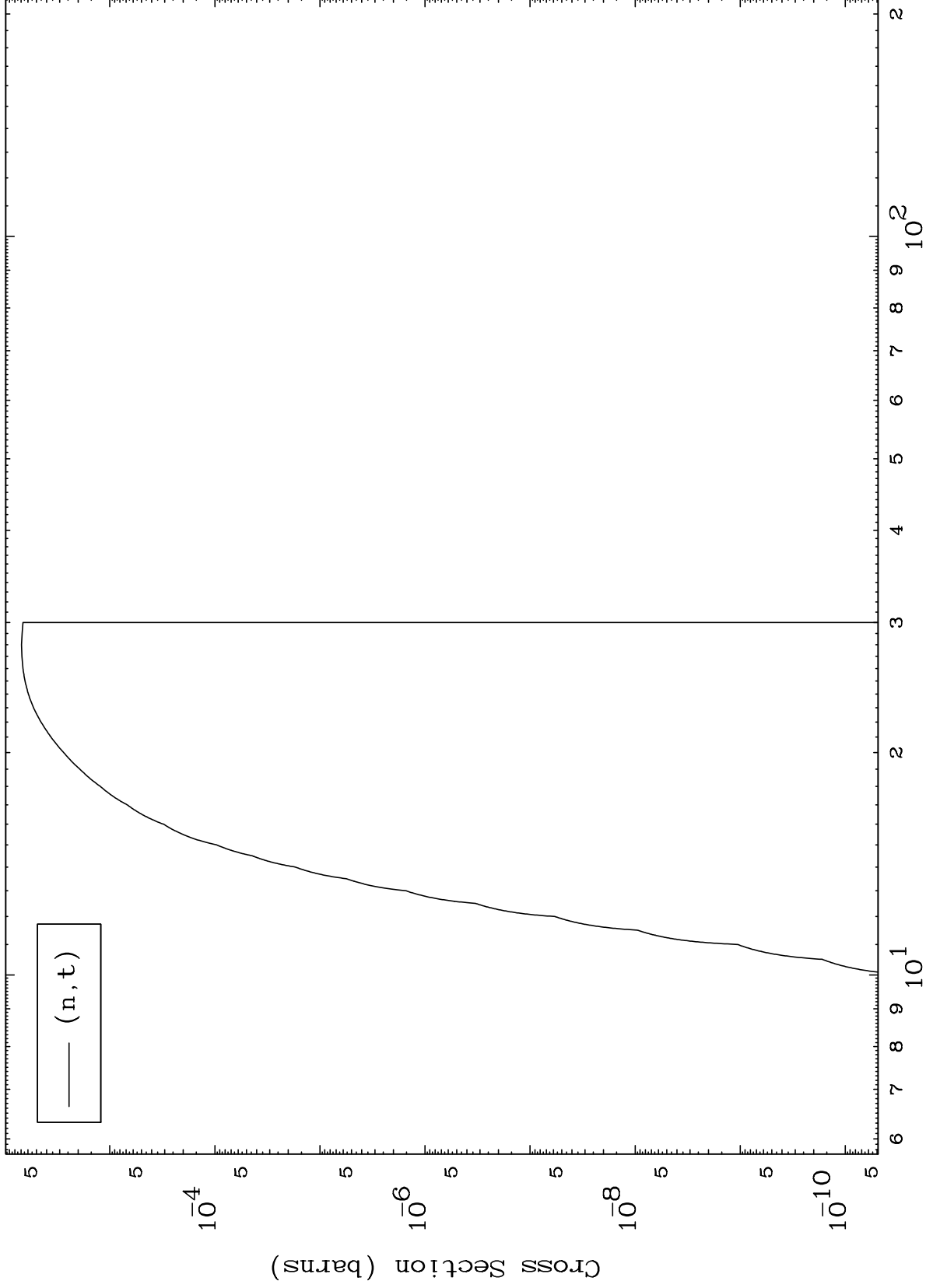
Incident Energy (MeV)

13

MAT 5716

57-La-135

(n,t) Levels
293 Kelvin Cross Sections



57-La-135

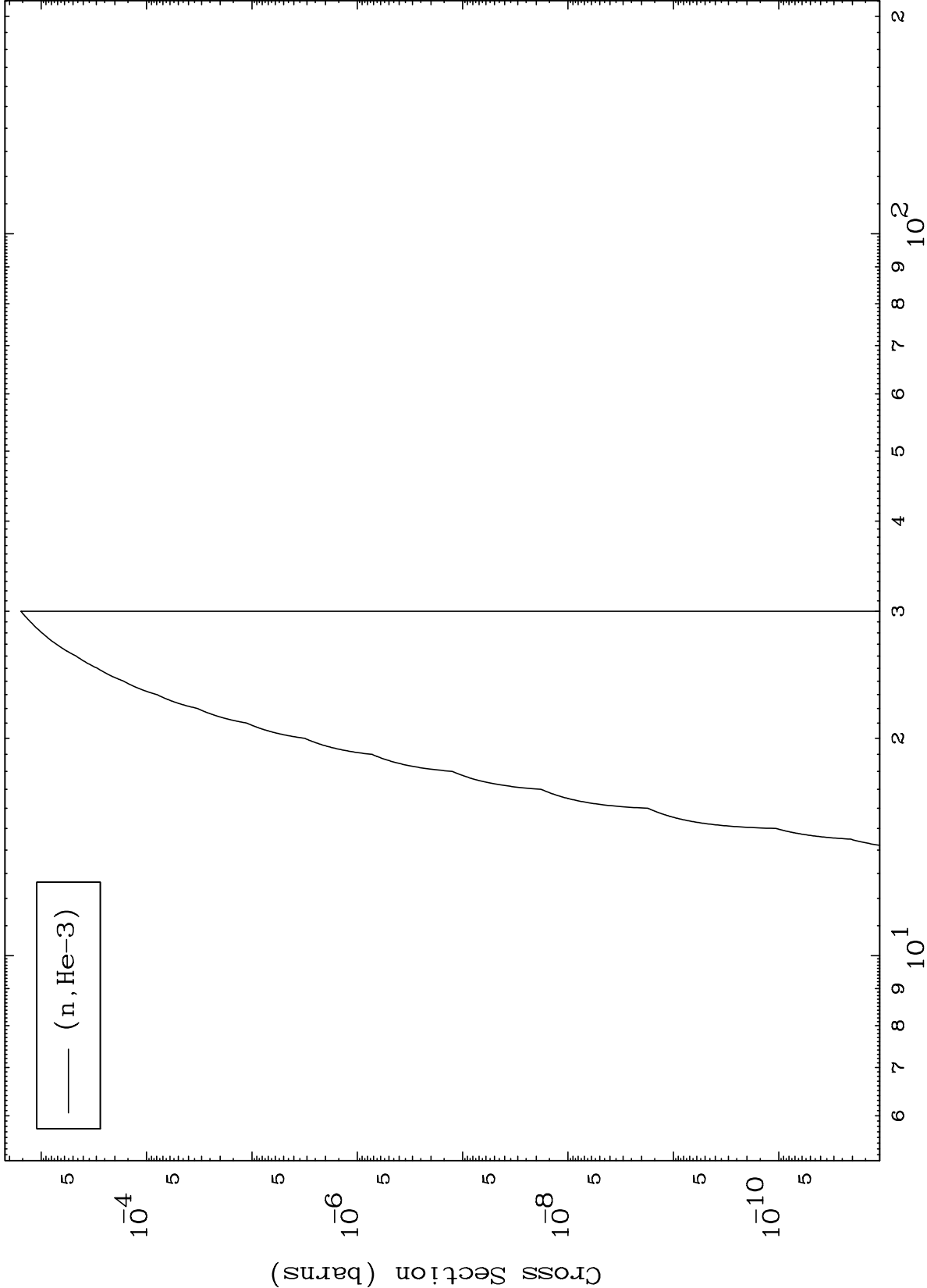
Incident Energy (MeV)

14

MAT 5716

(n,He3) Levels
293 Kelvin Cross Sections

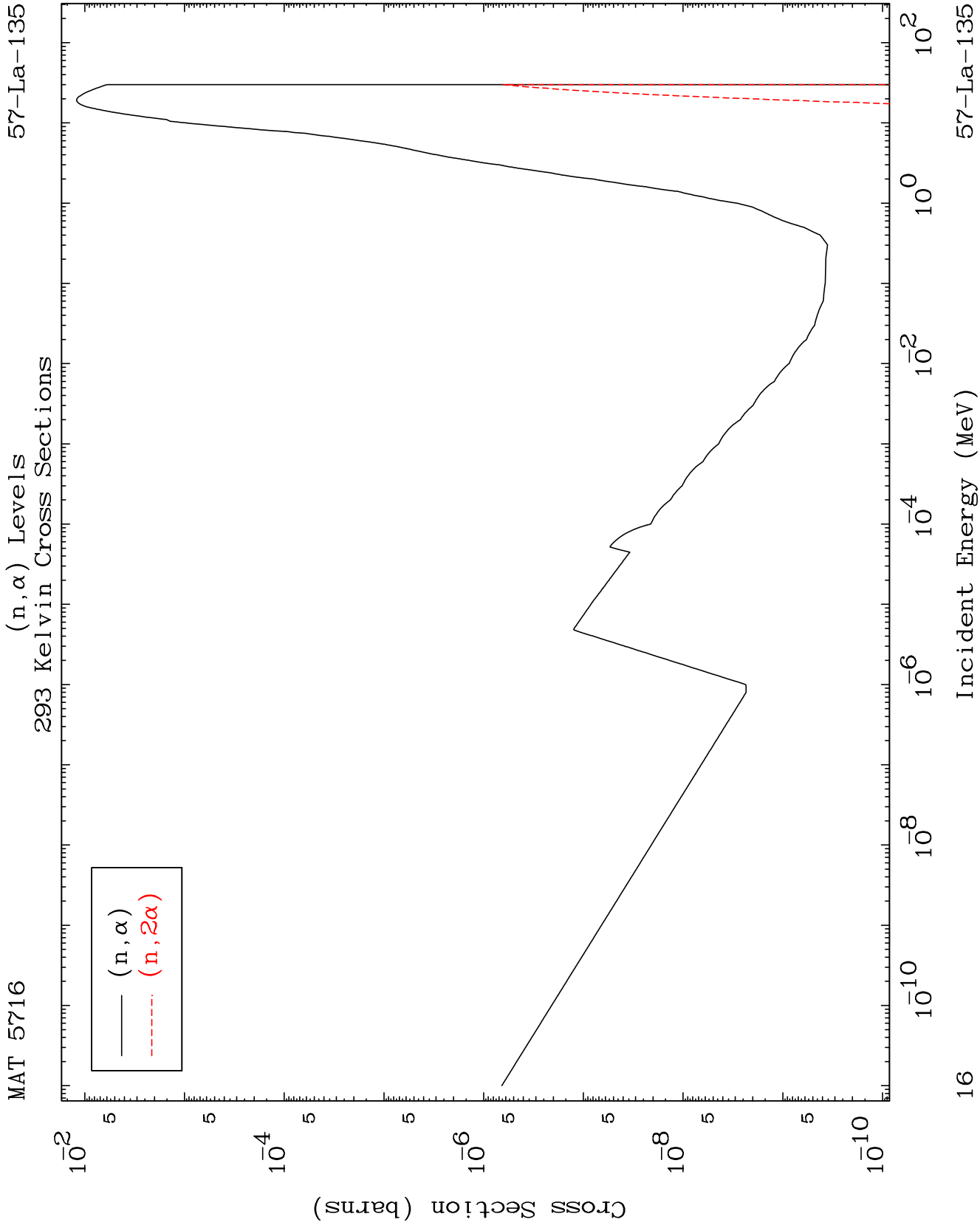
57-La-135

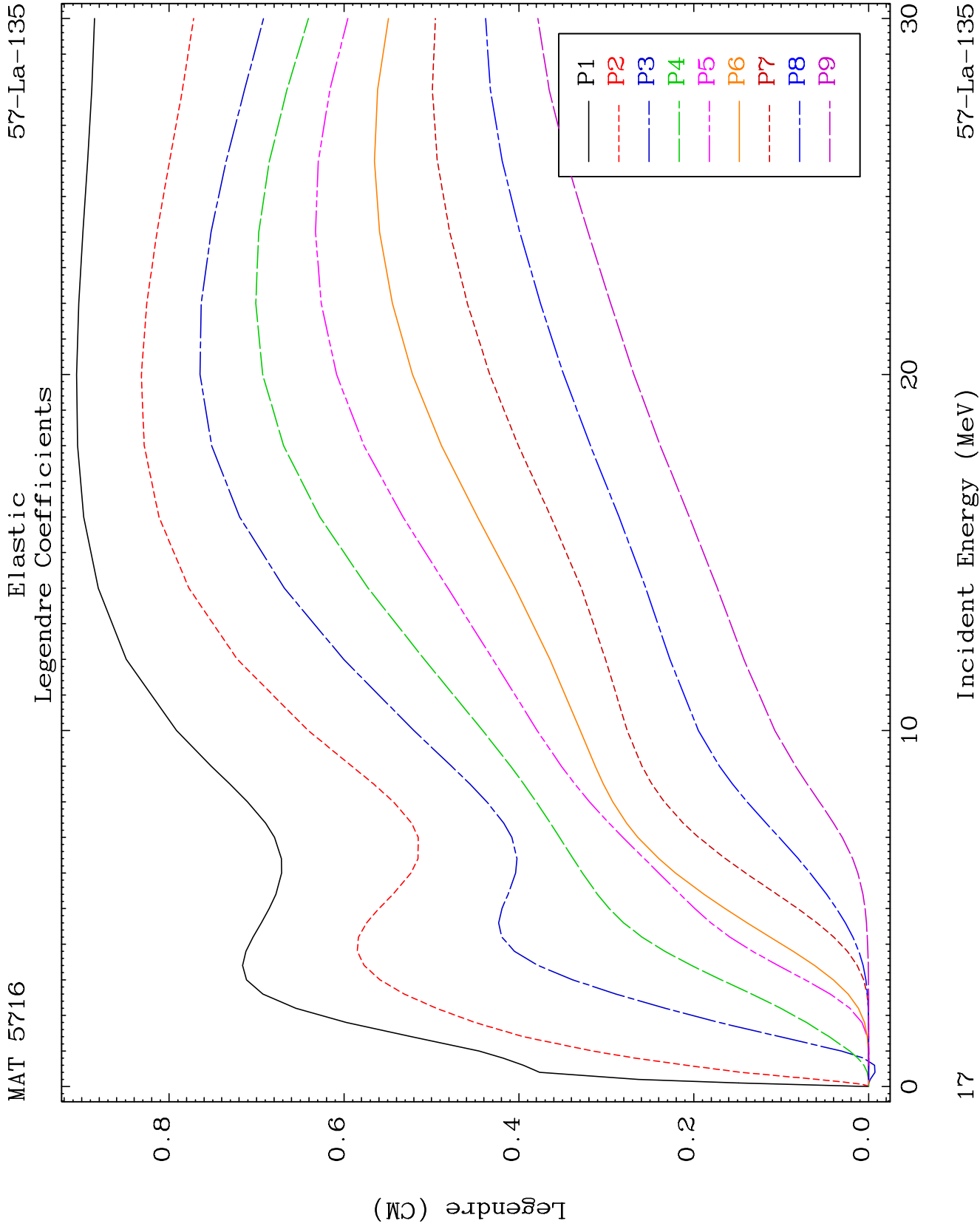


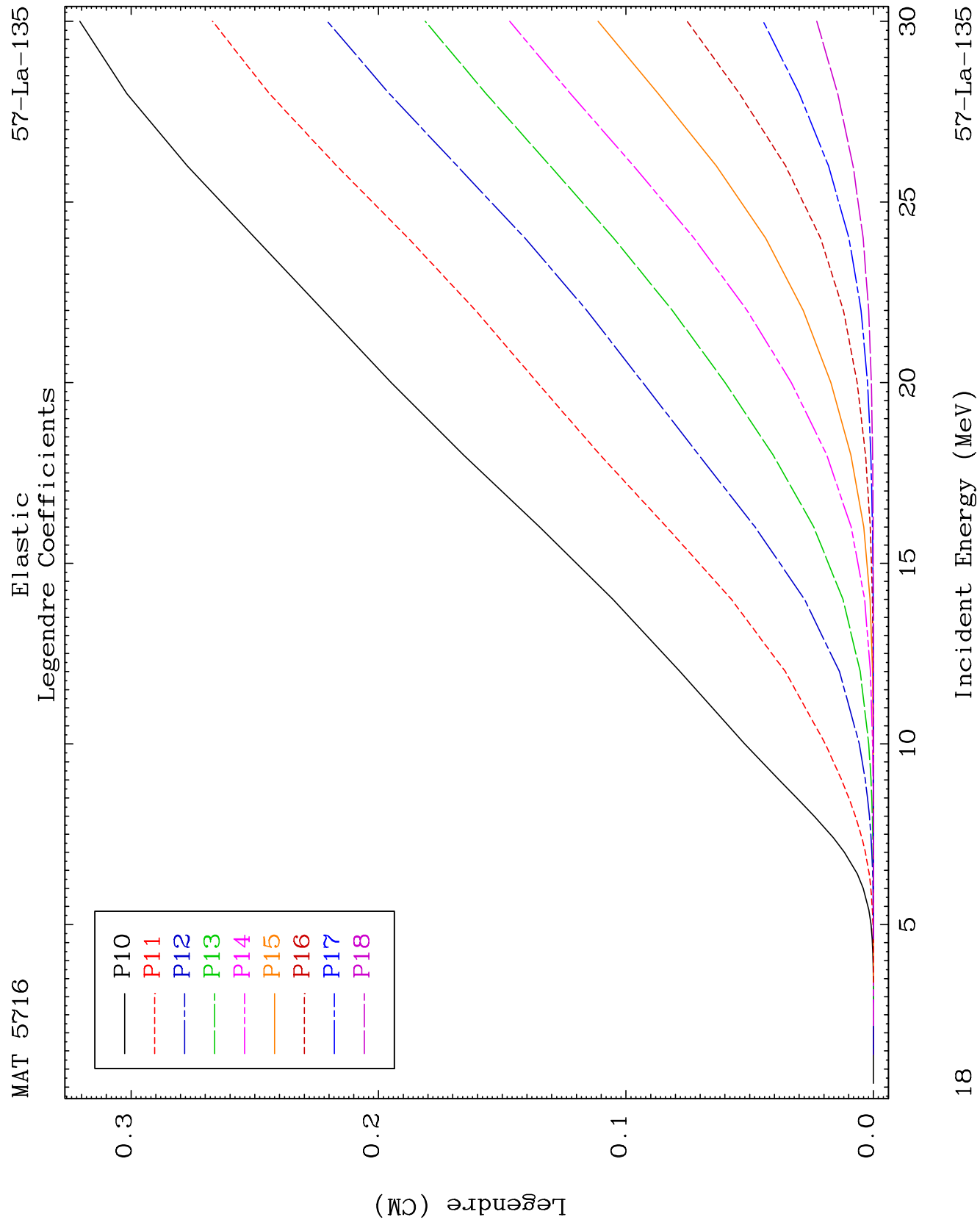
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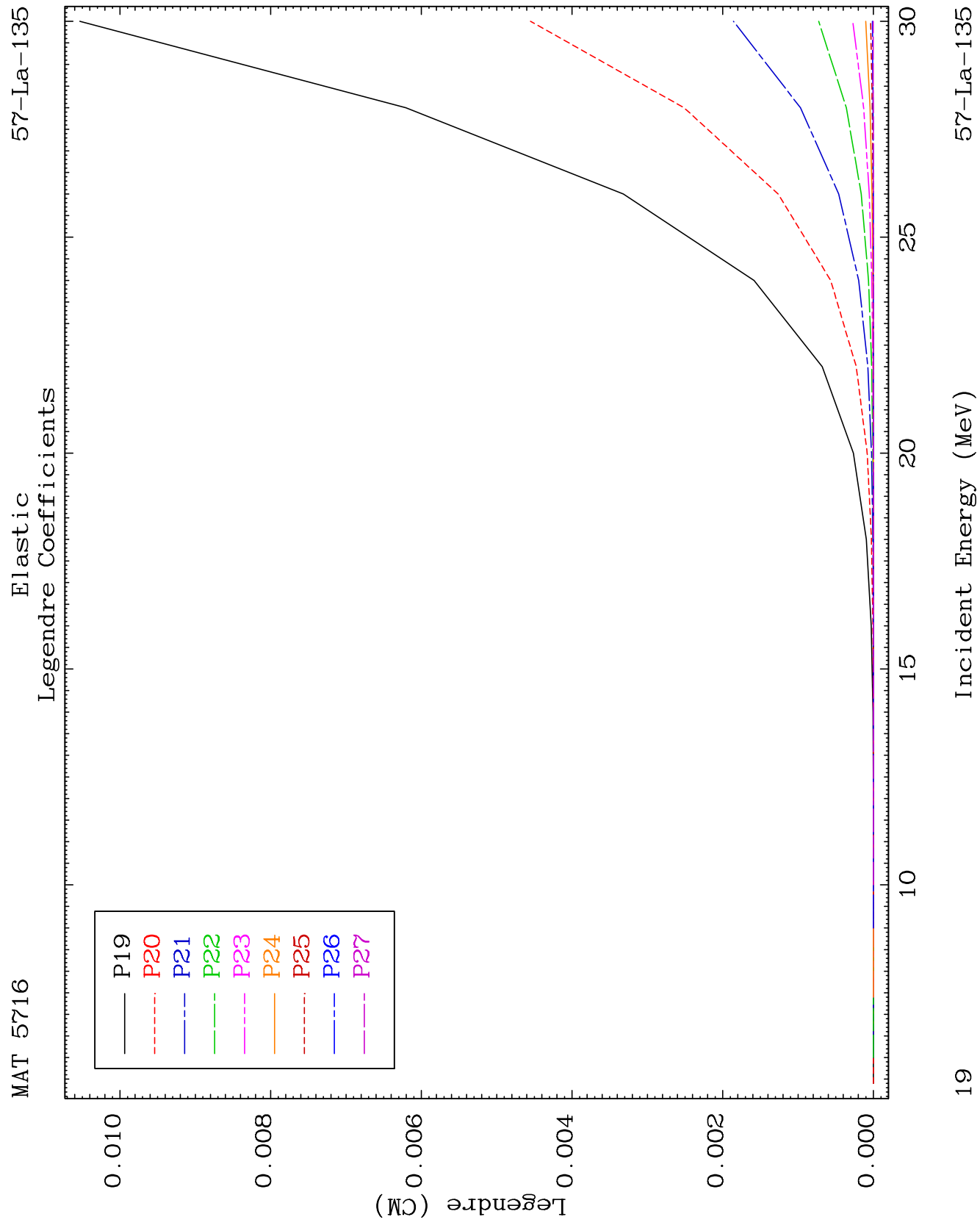
Incident Energy (MeV)

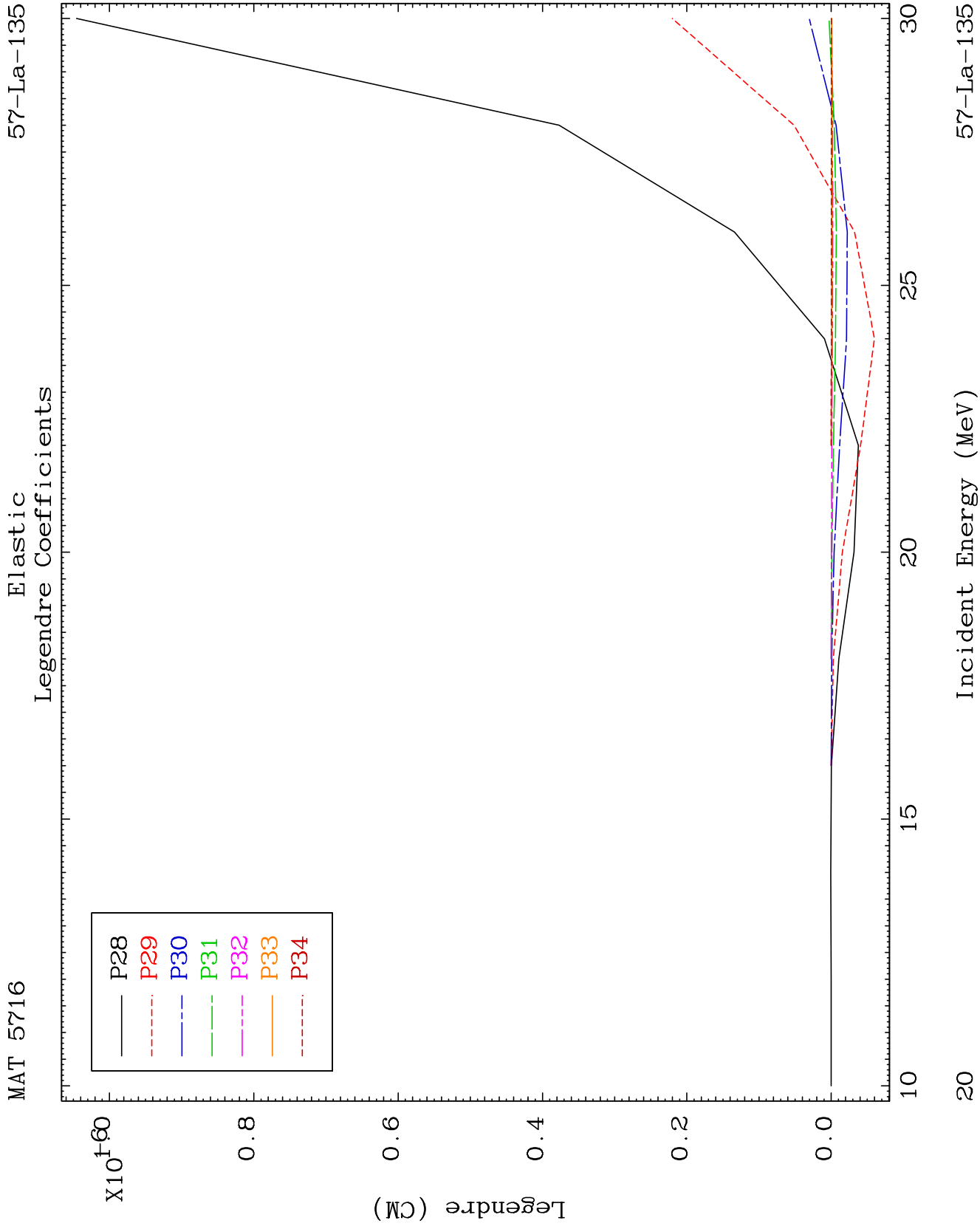
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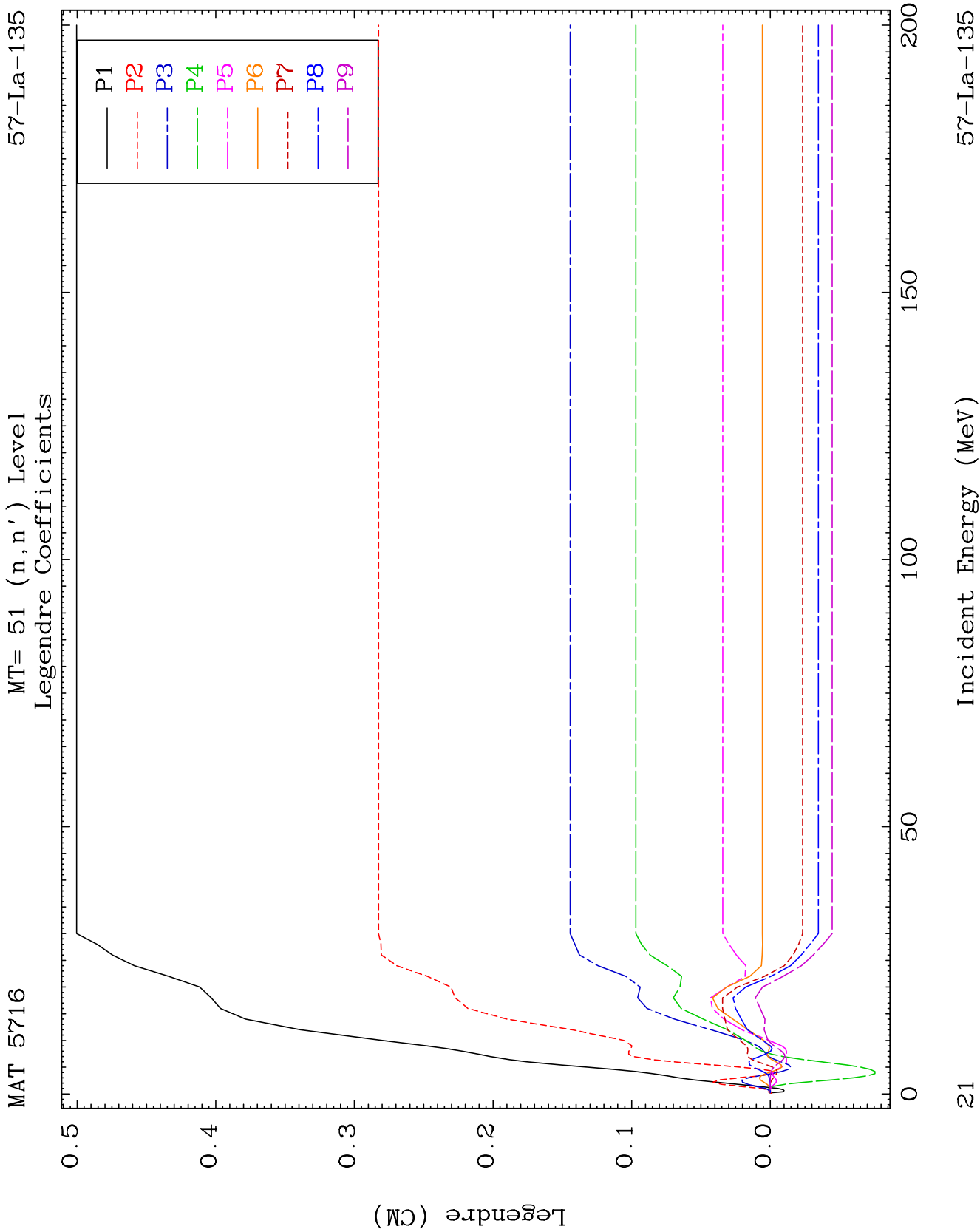








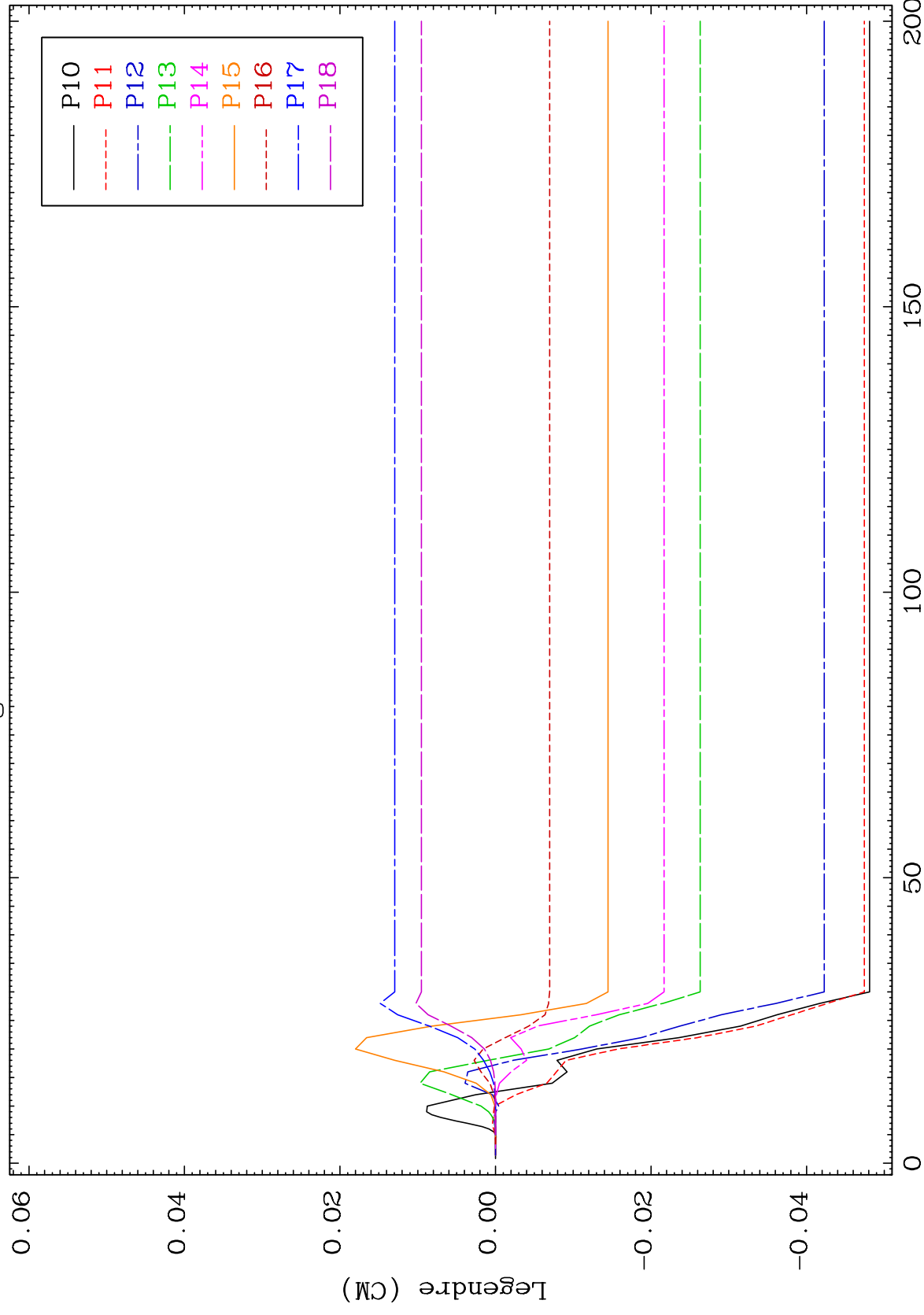




MAT 5716

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

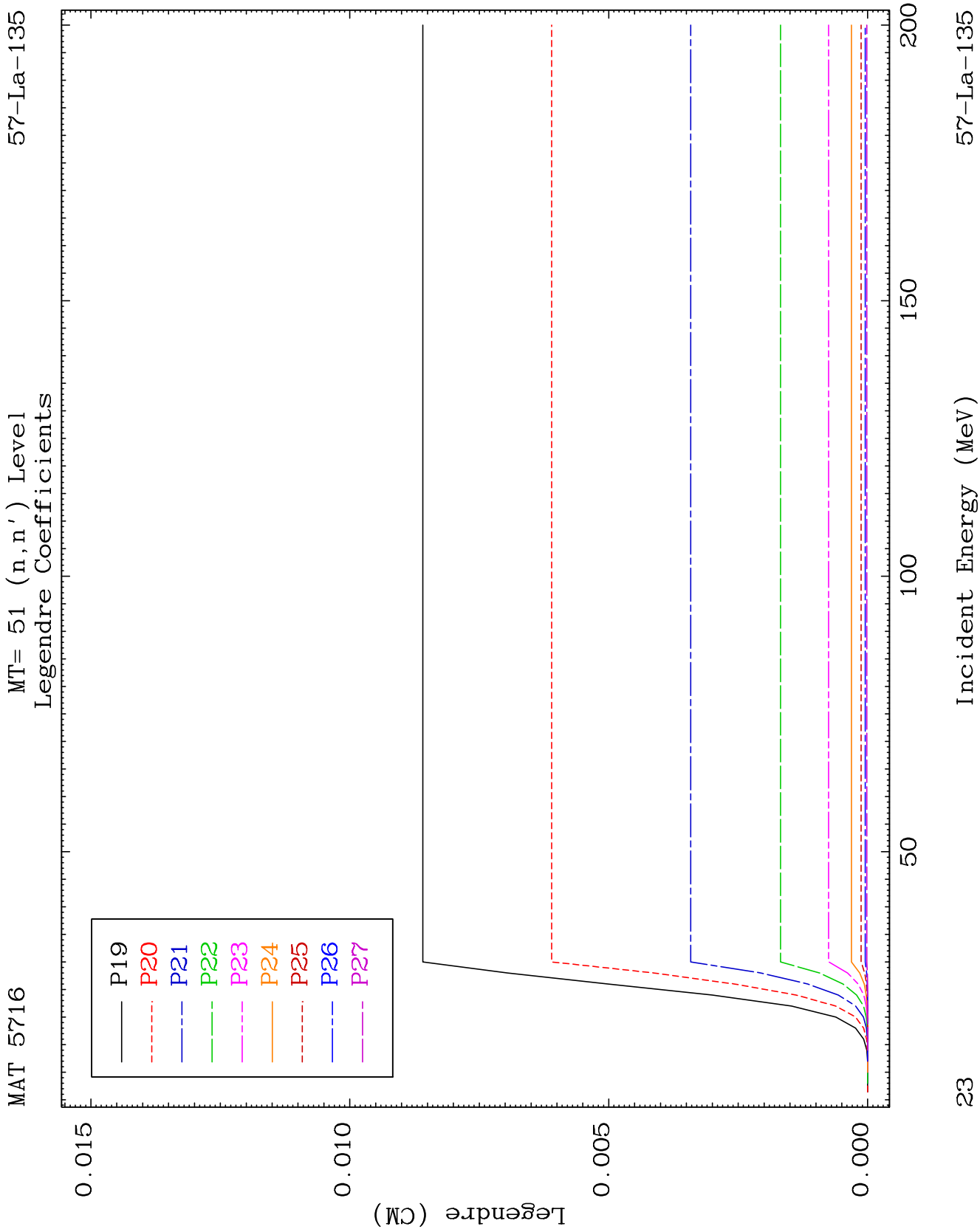
57-La-135



22

Incident Energy (MeV)

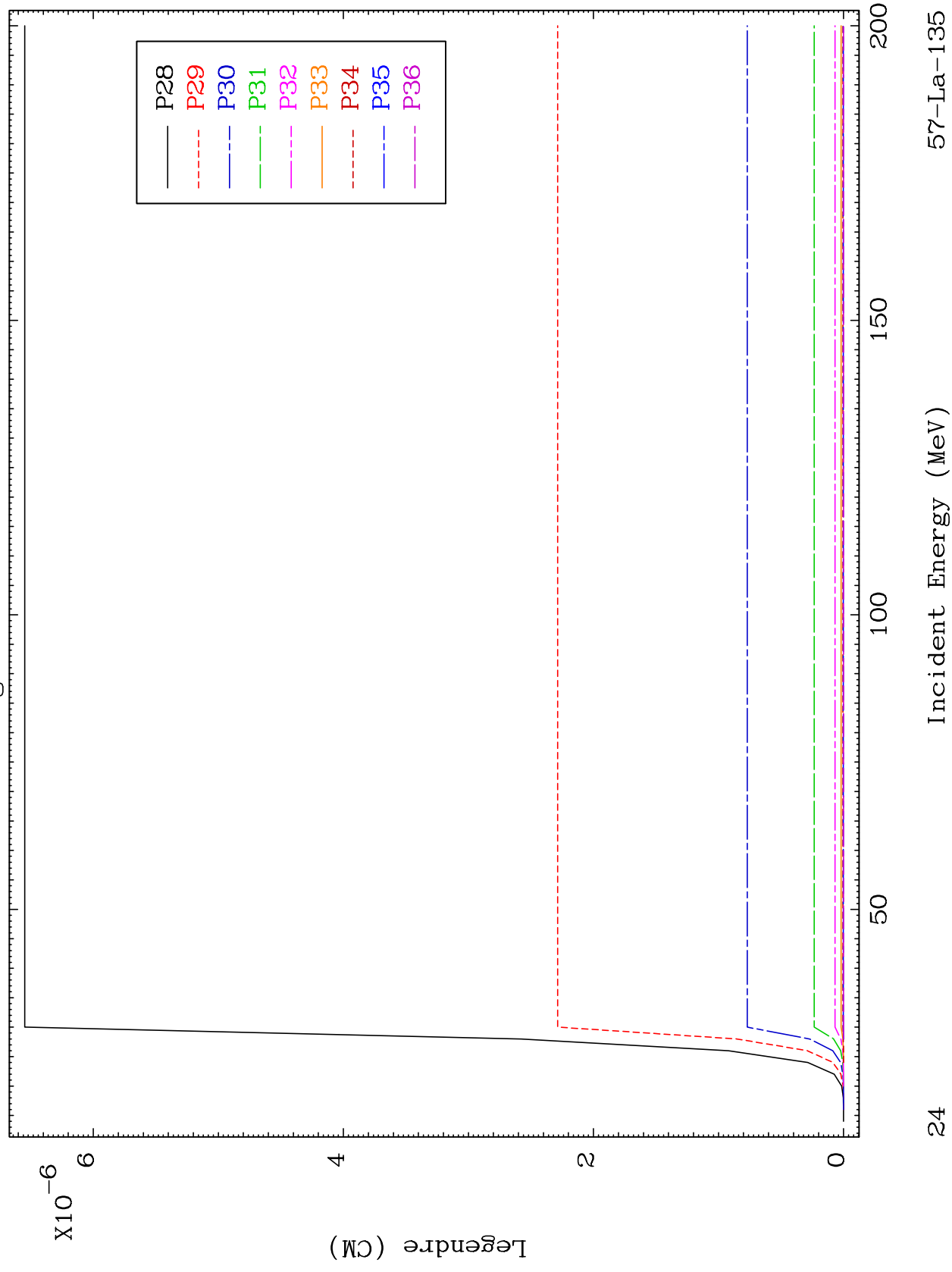
57-La-135

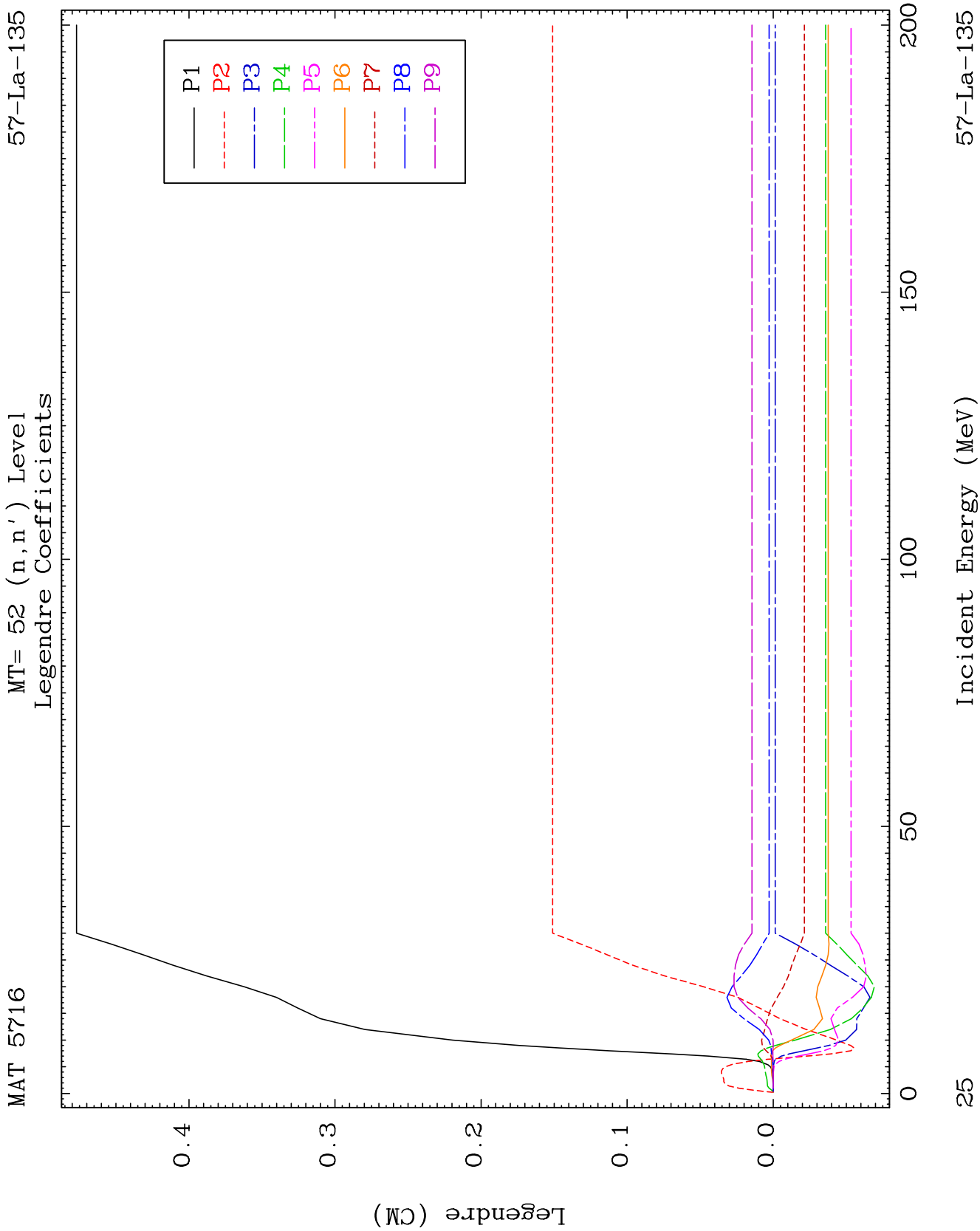


MAT 5716

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

57-La-135

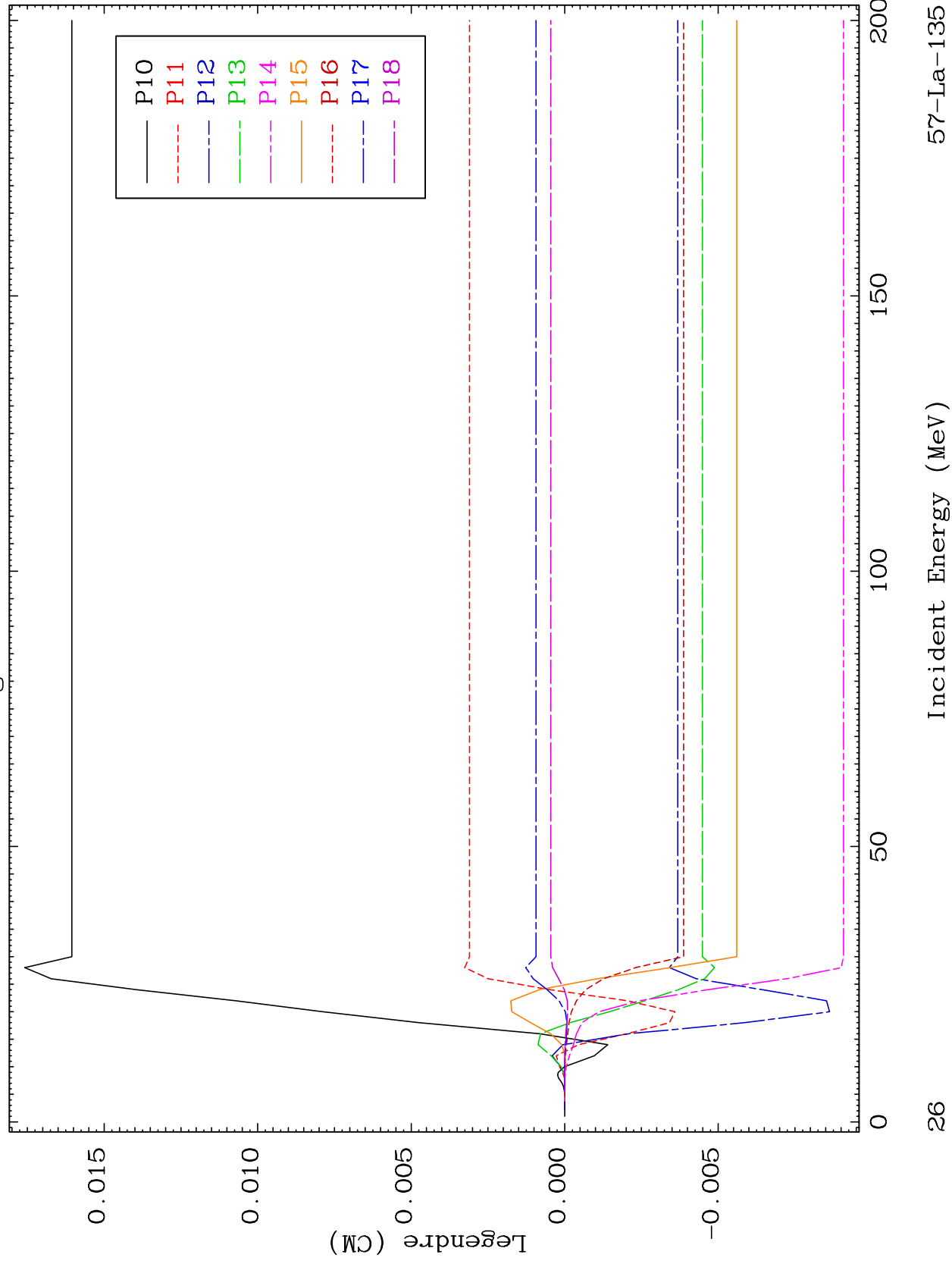


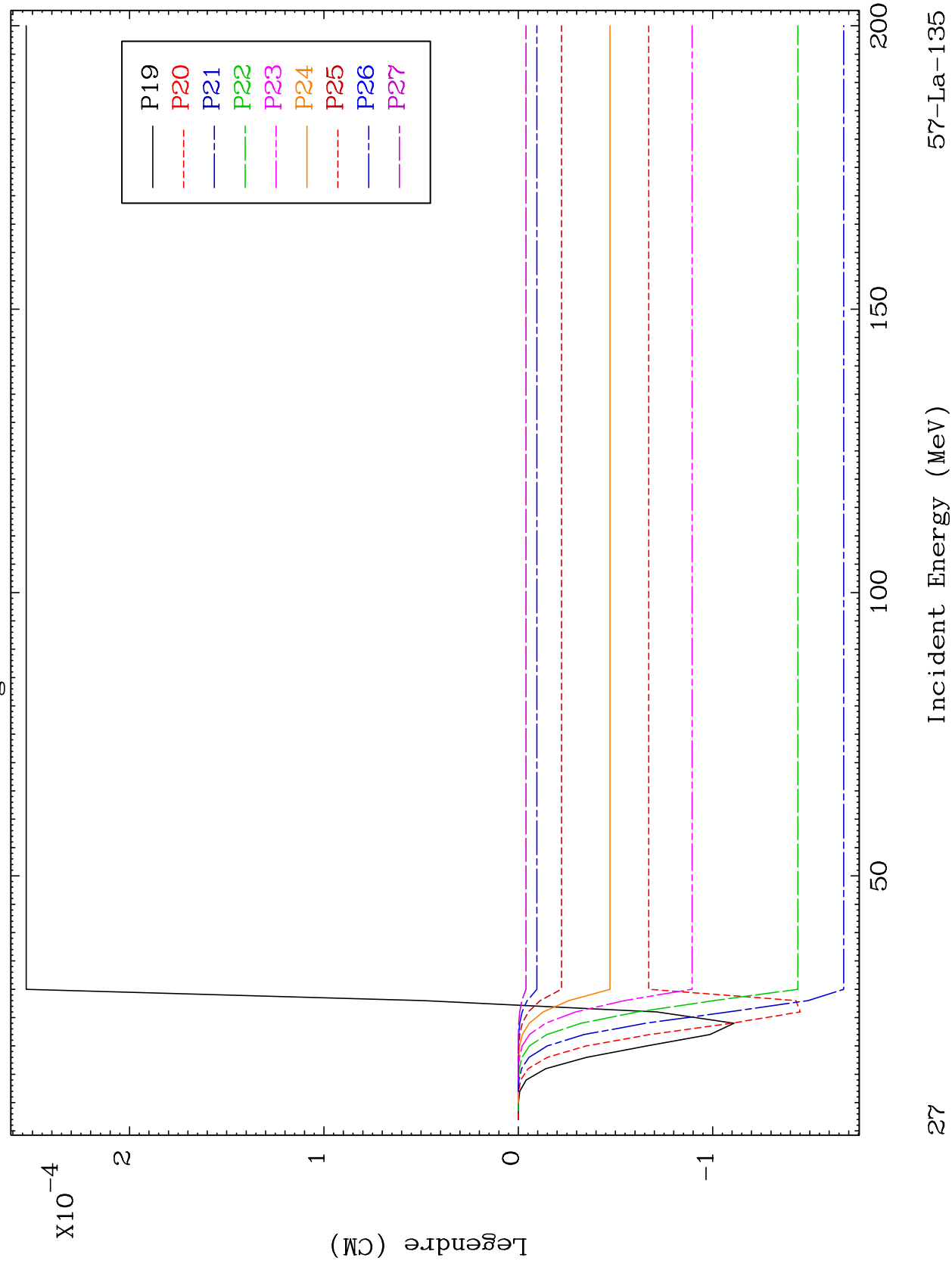


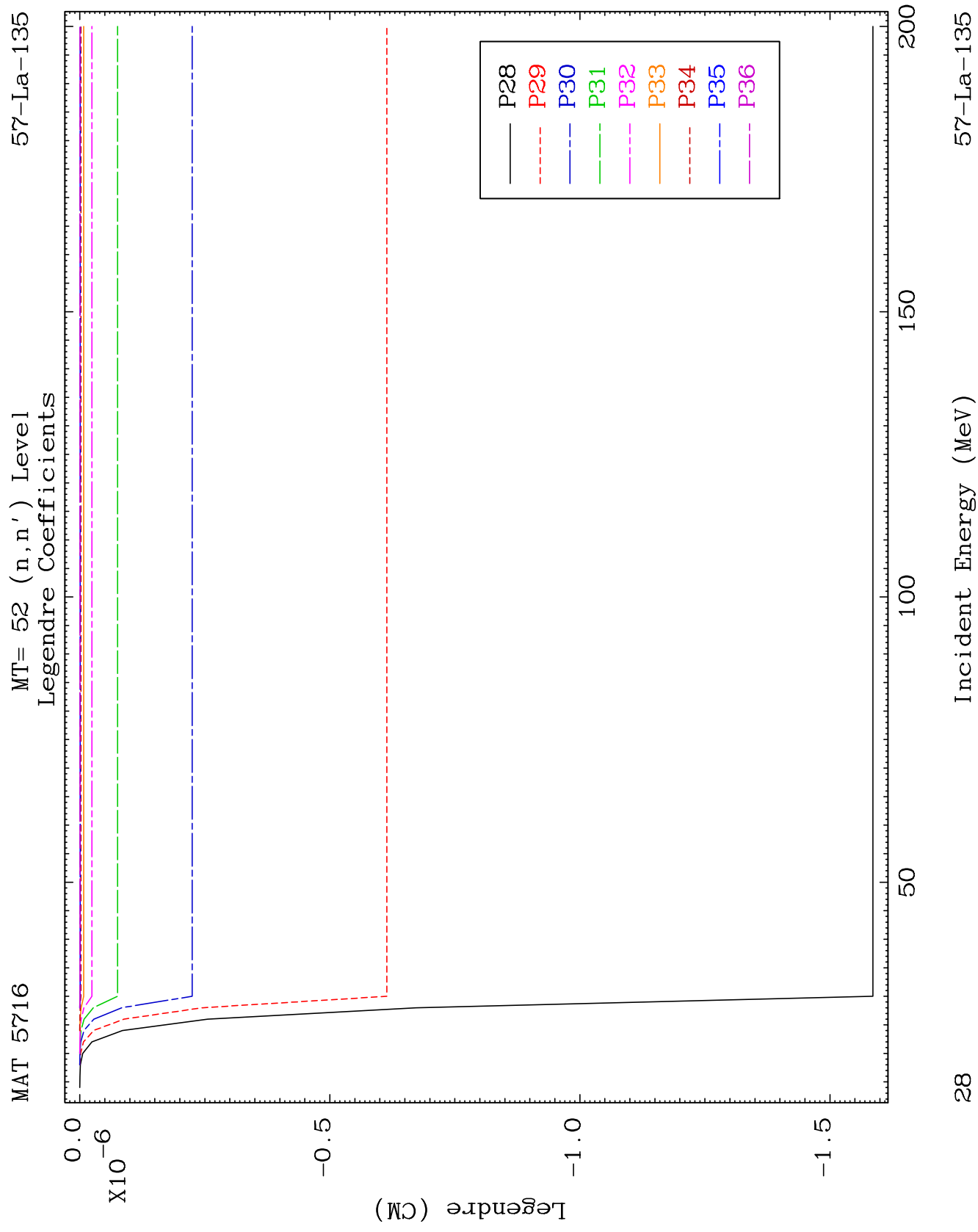
MAT 5716

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

57-La-135



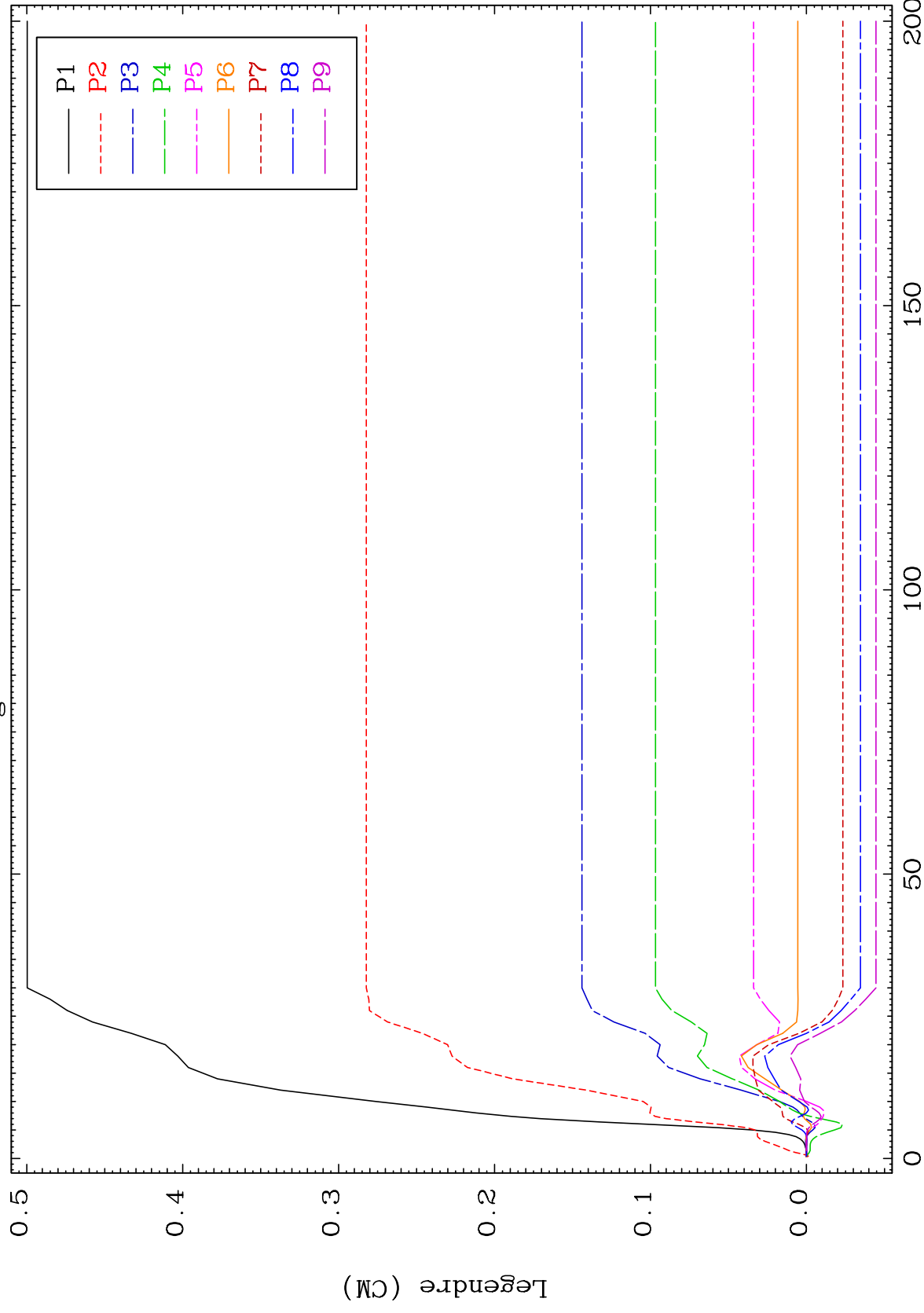




MAT 5716

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

57-La-135



22

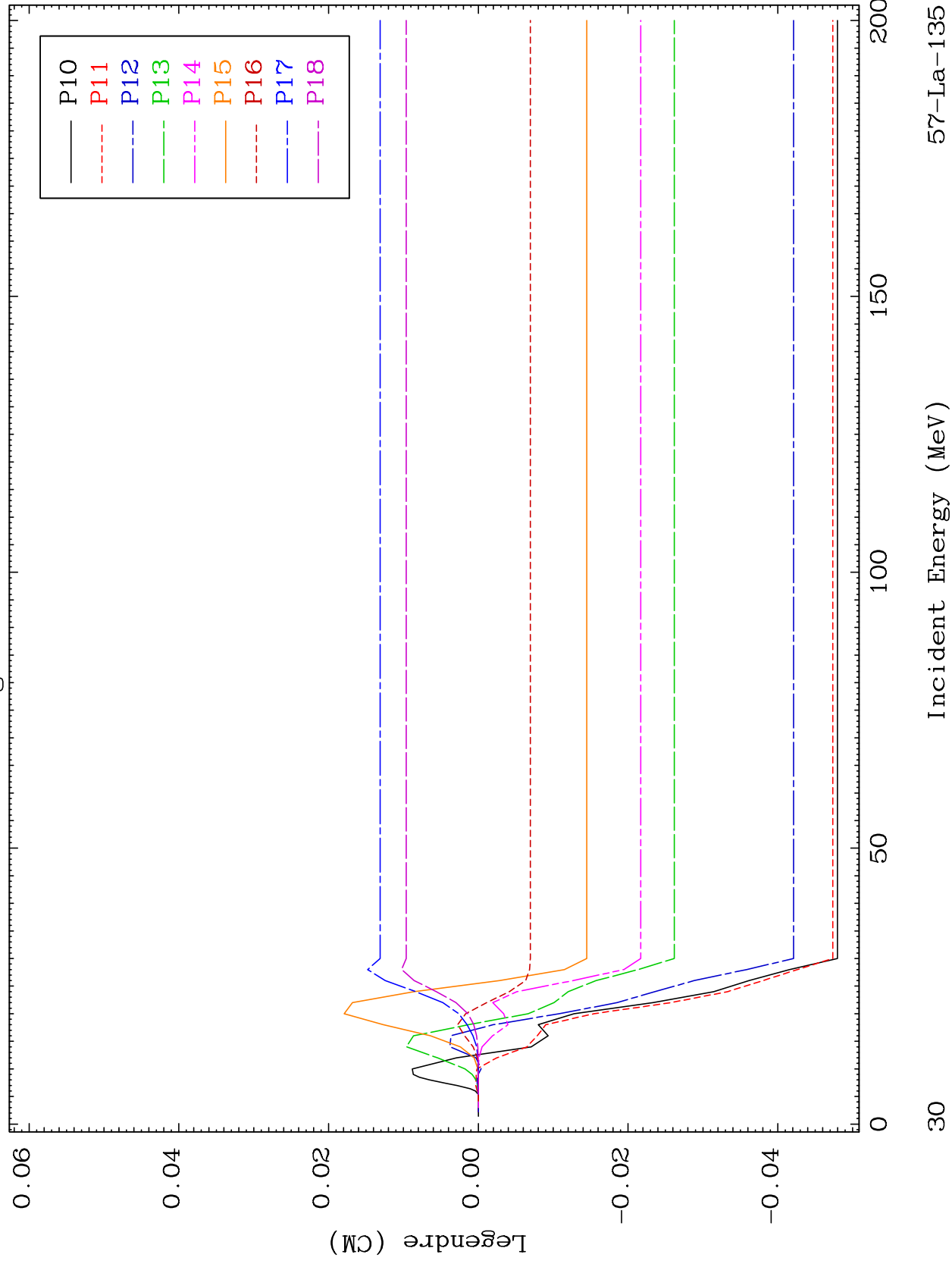
Incident Energy (MeV)

57-La-135

MAT 5716

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

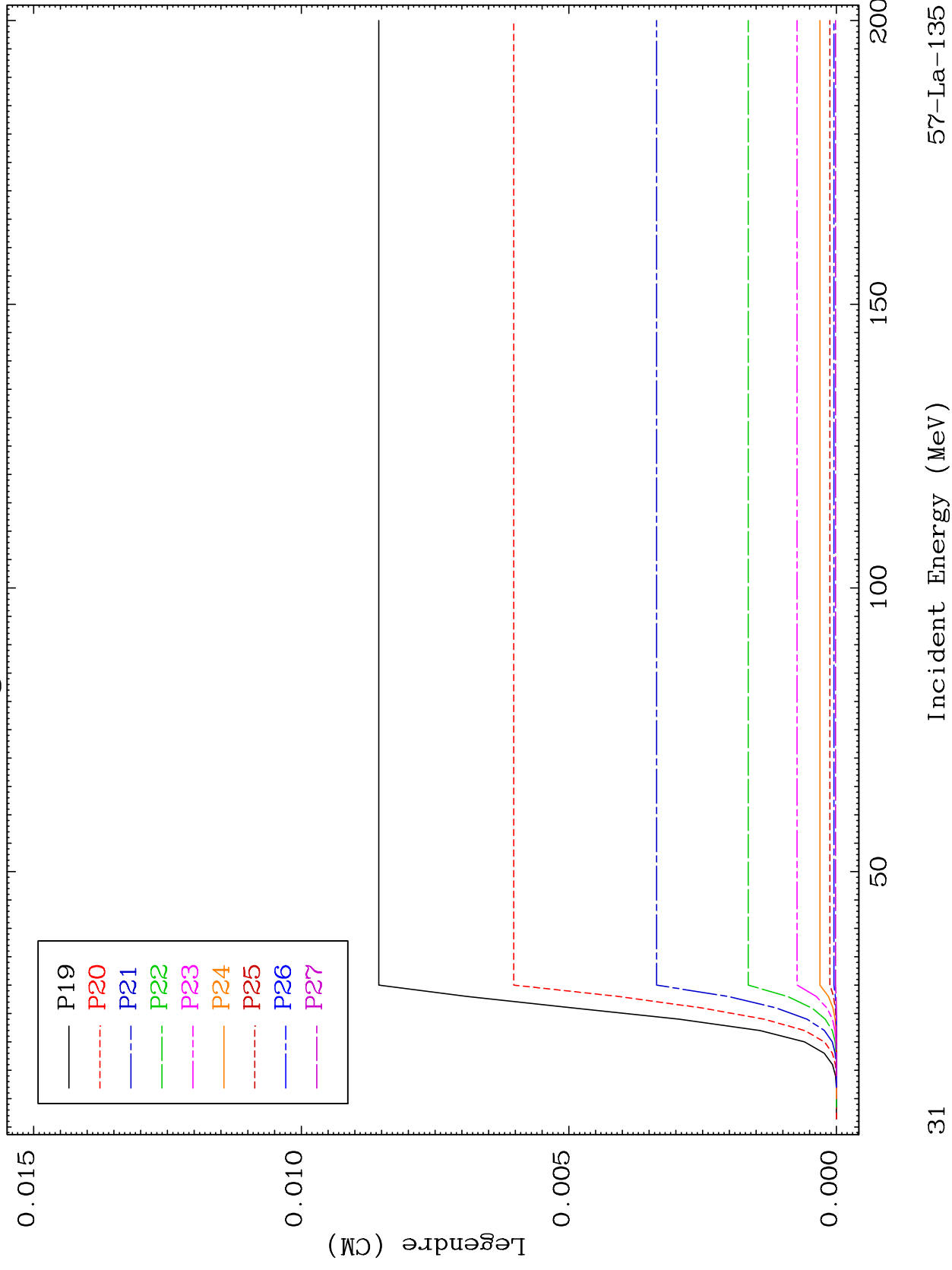
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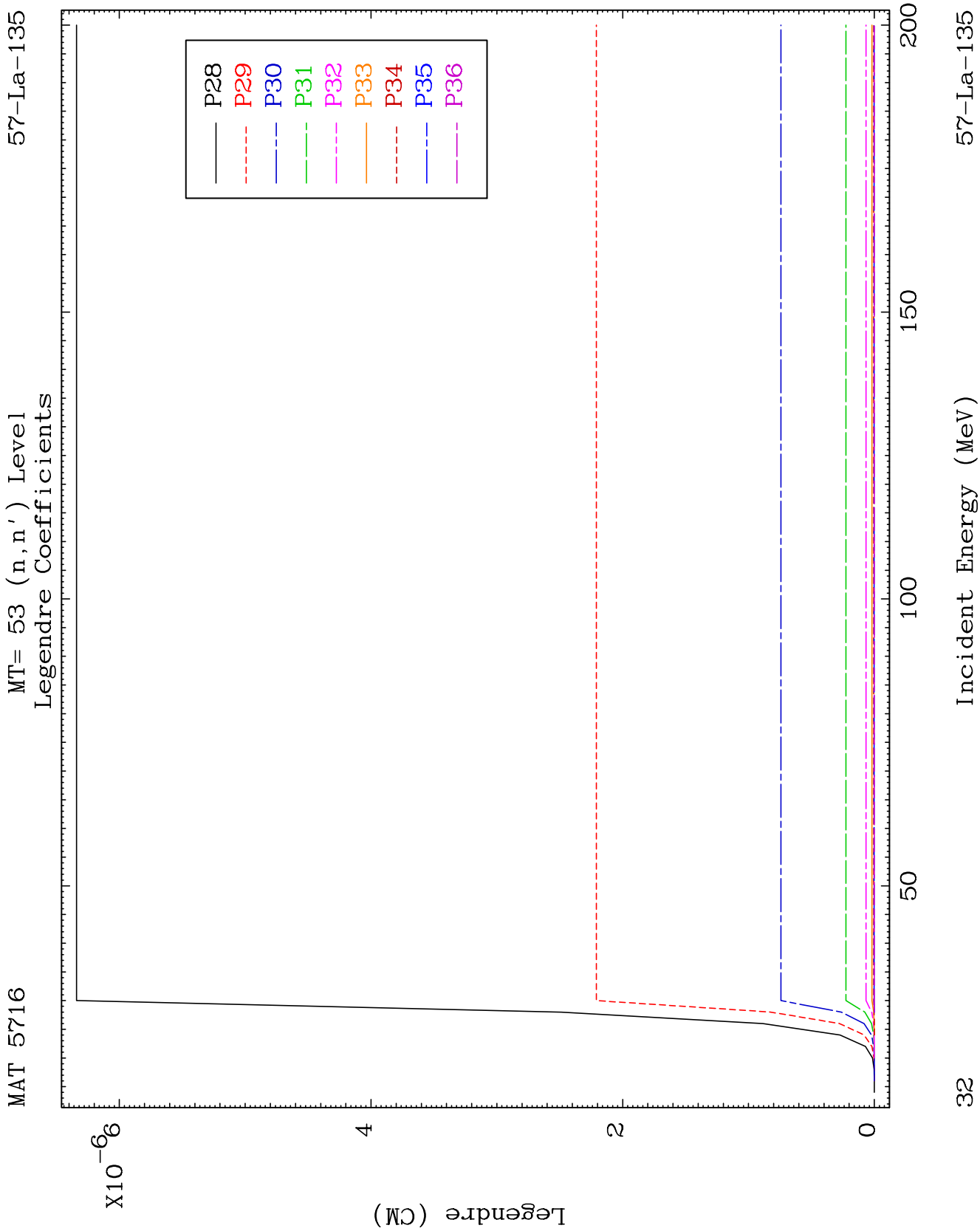


MAT 5716

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

57-La-135



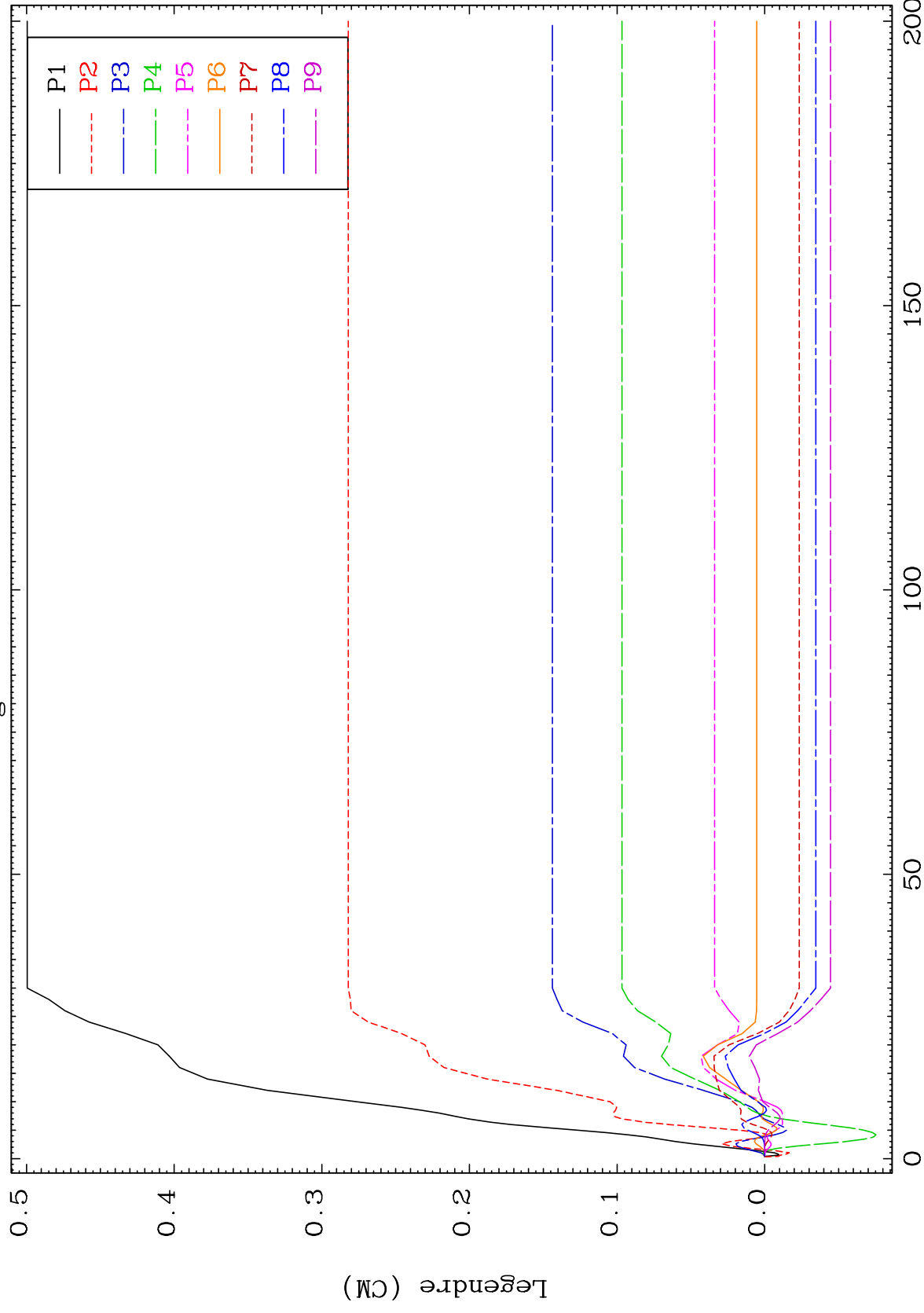


MAT 5716

MT=54 (n, n') Level

57-La-135

Legendre Coefficients



33

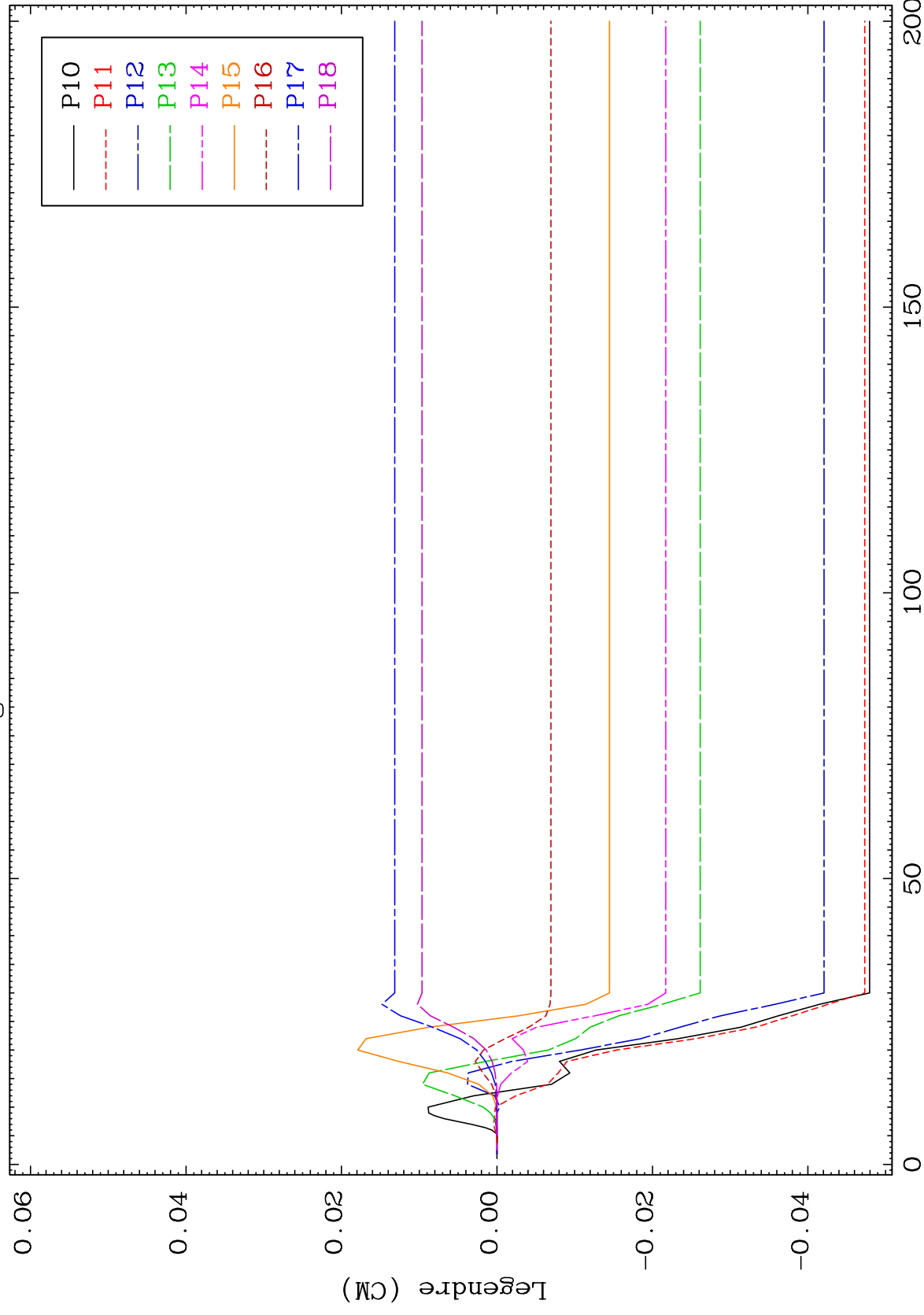
Incident Energy (MeV)

57-La-135

MAT 5716

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

57-La-135



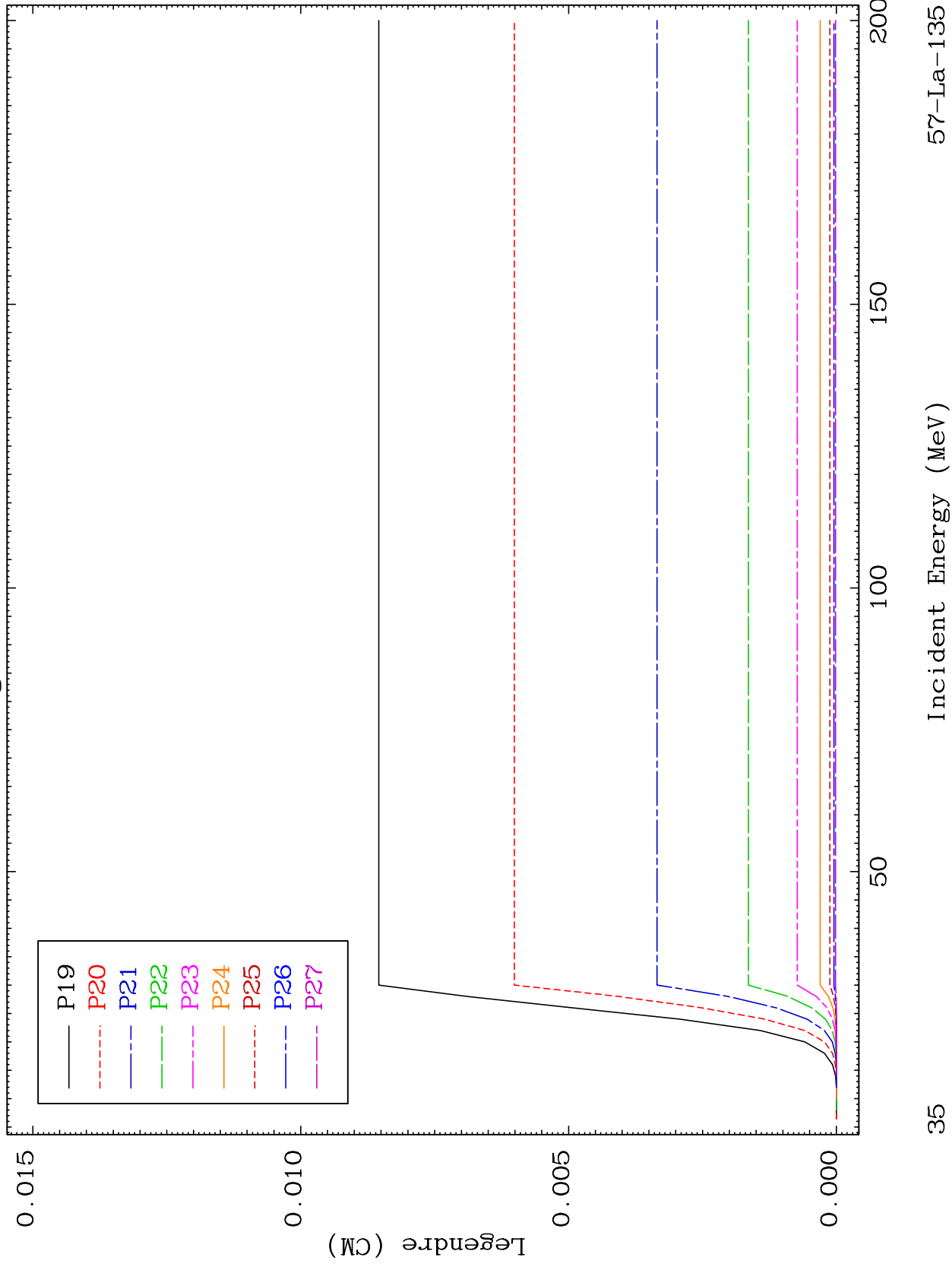
57-La-135

Incident Energy (MeV)

MAT 5716

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

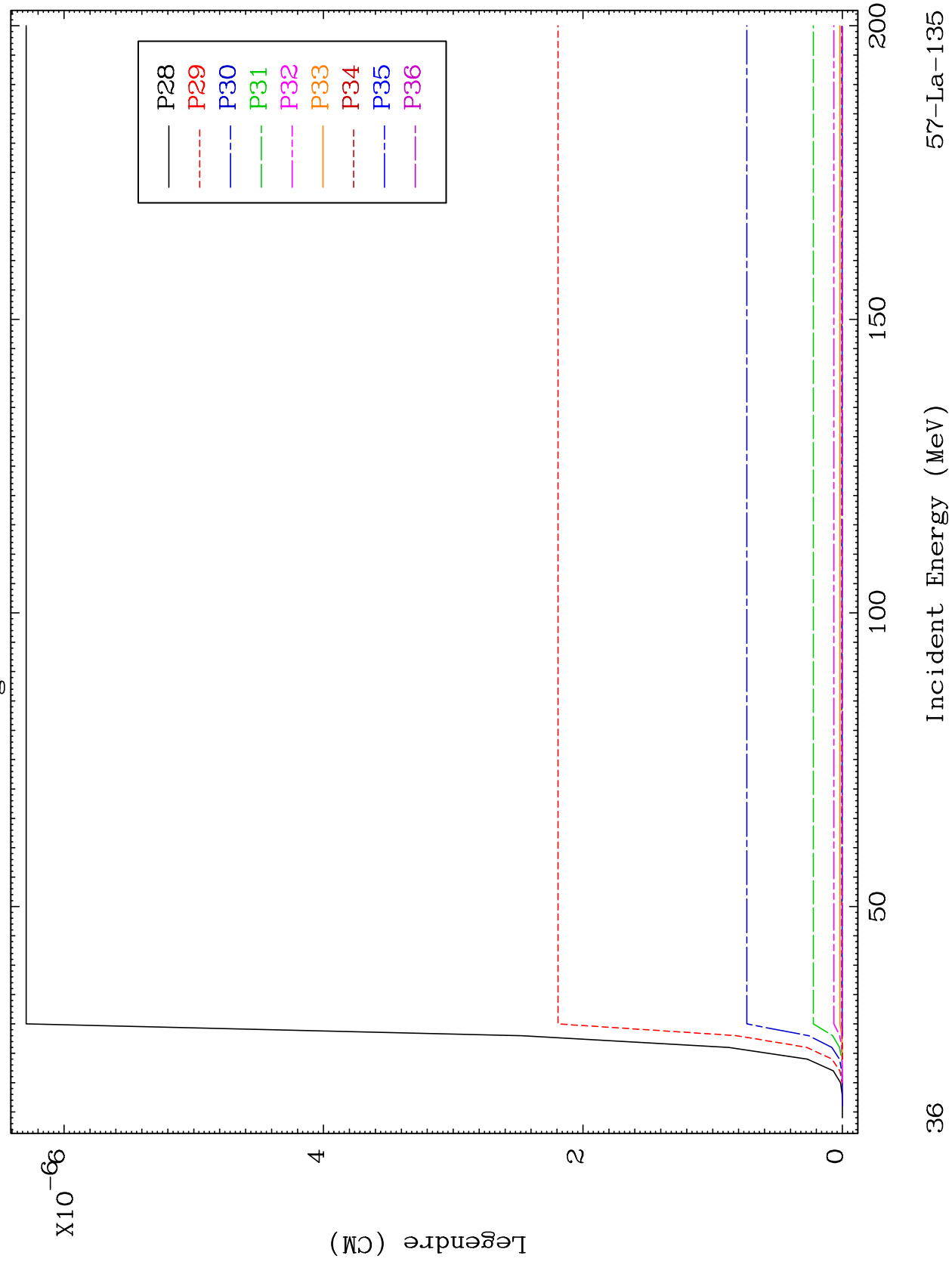
57-La-135



MAT 5716

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

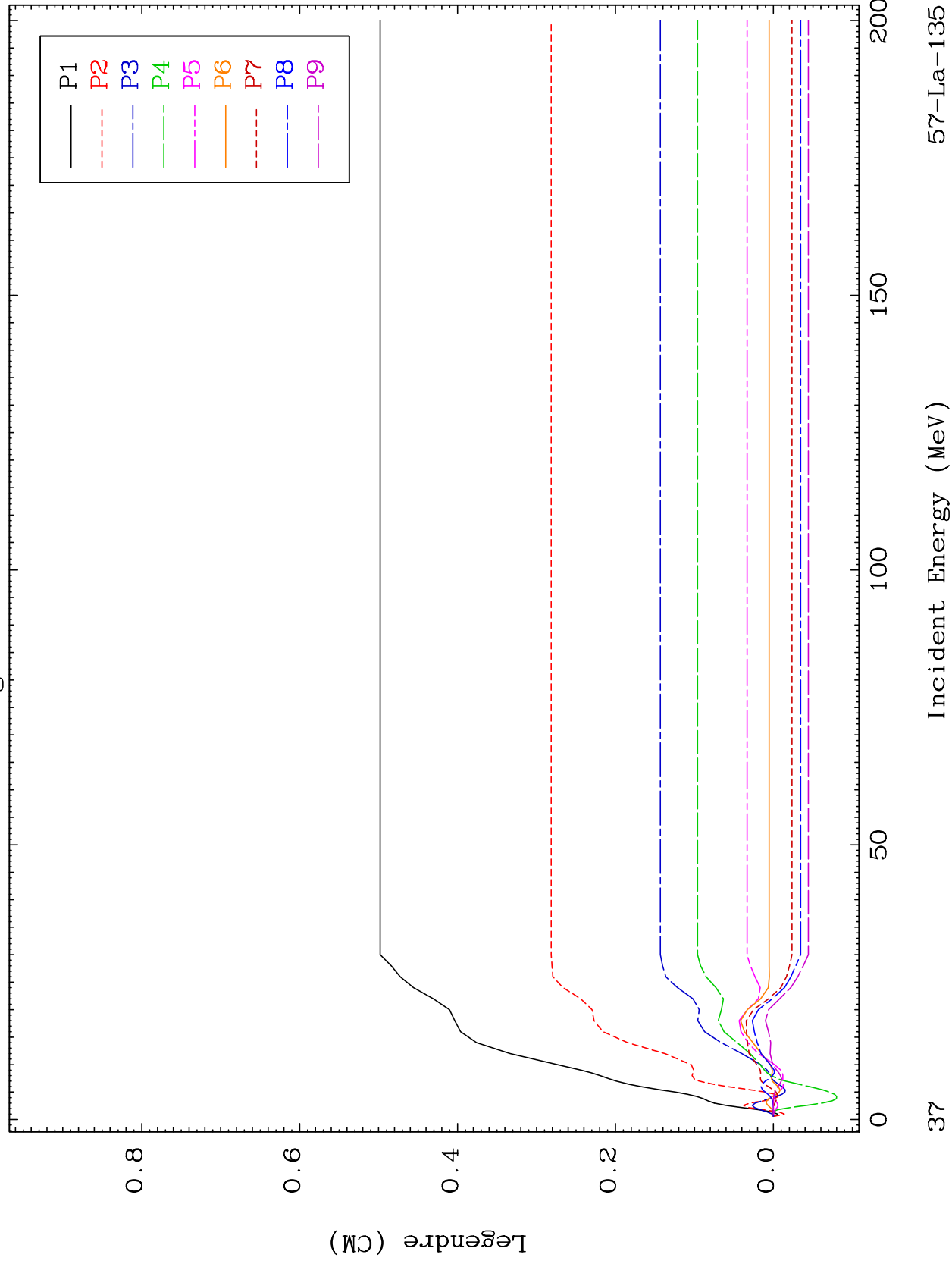
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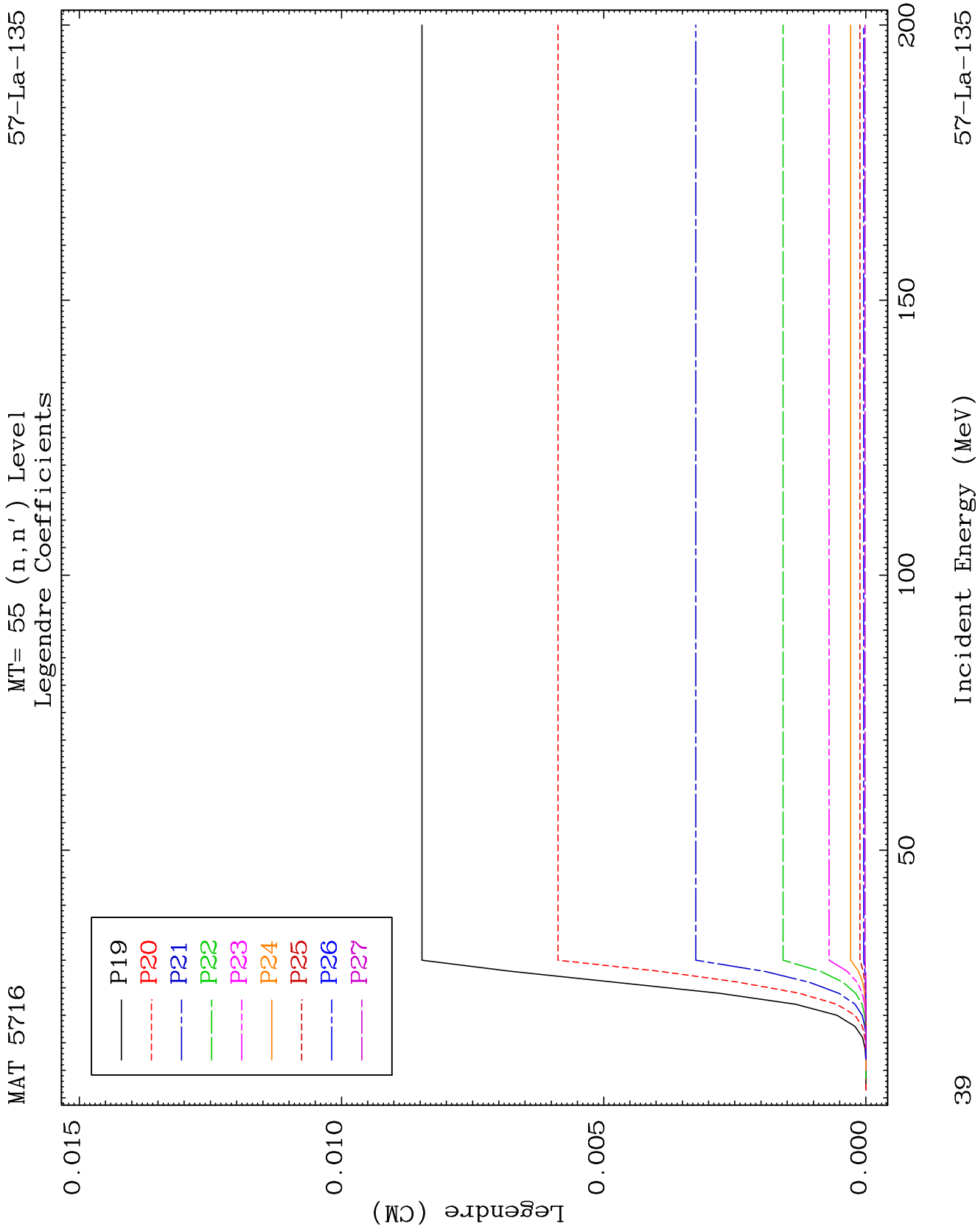


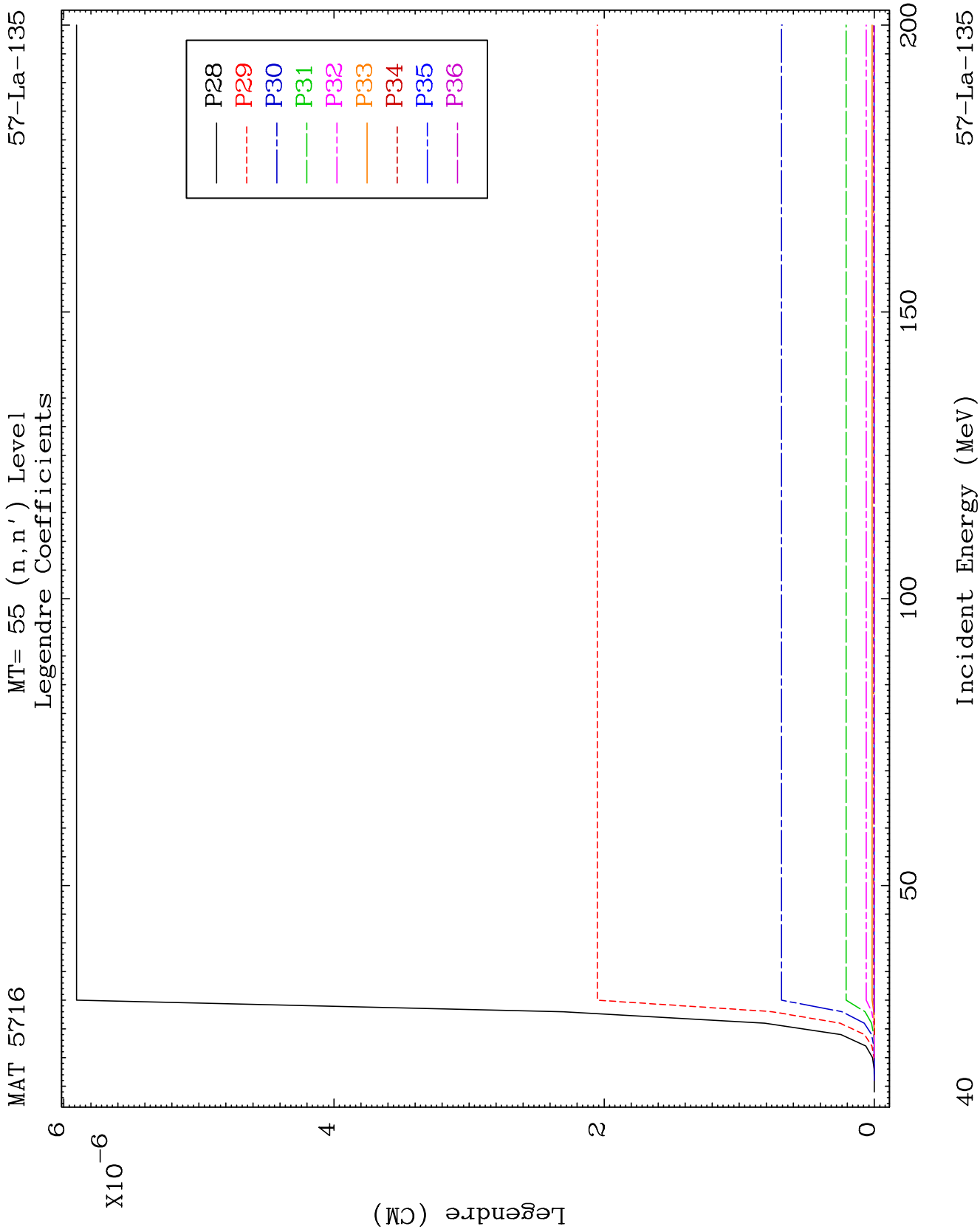
MAT 5716

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

57-La-135



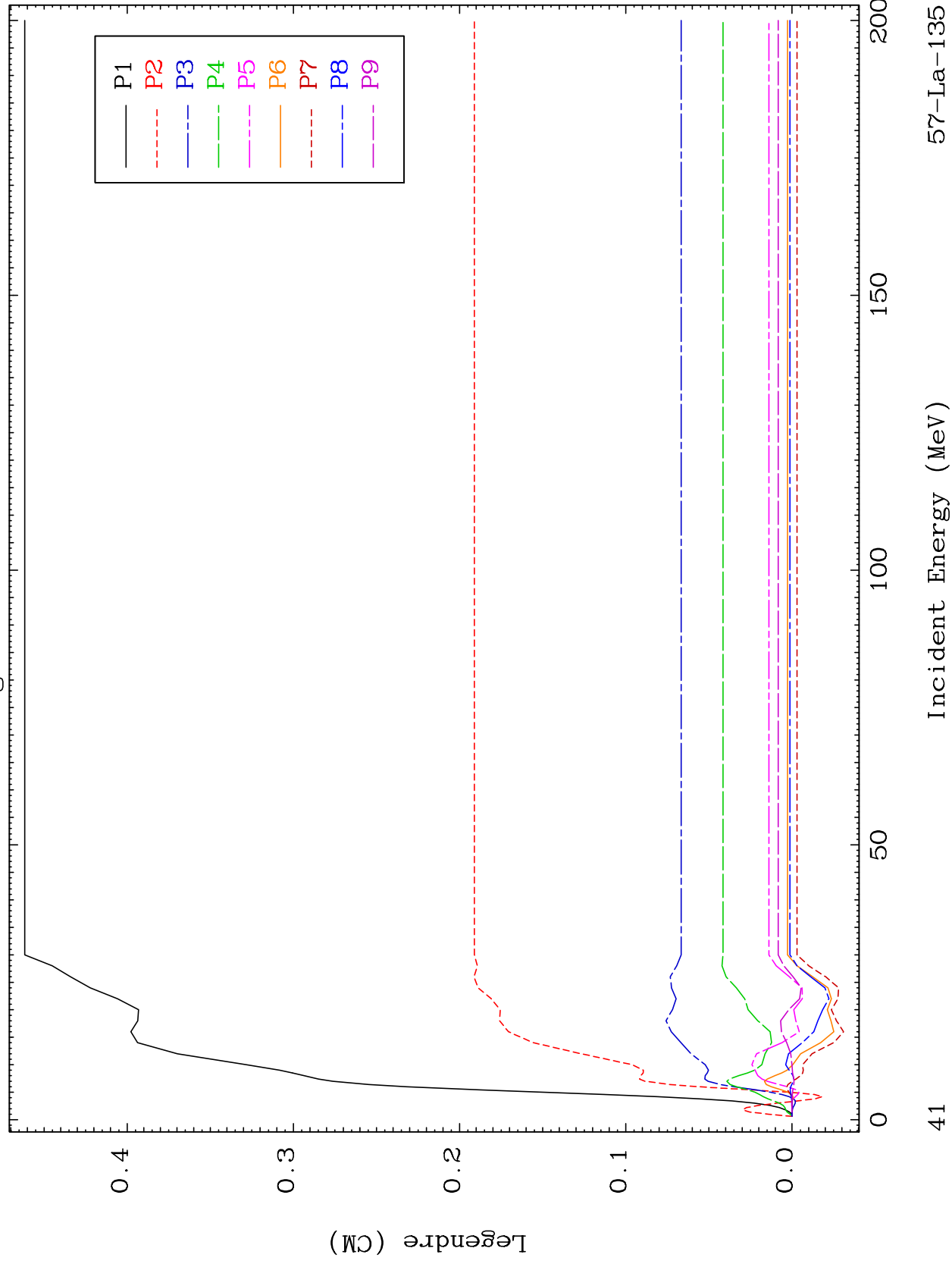




MAT 5716

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

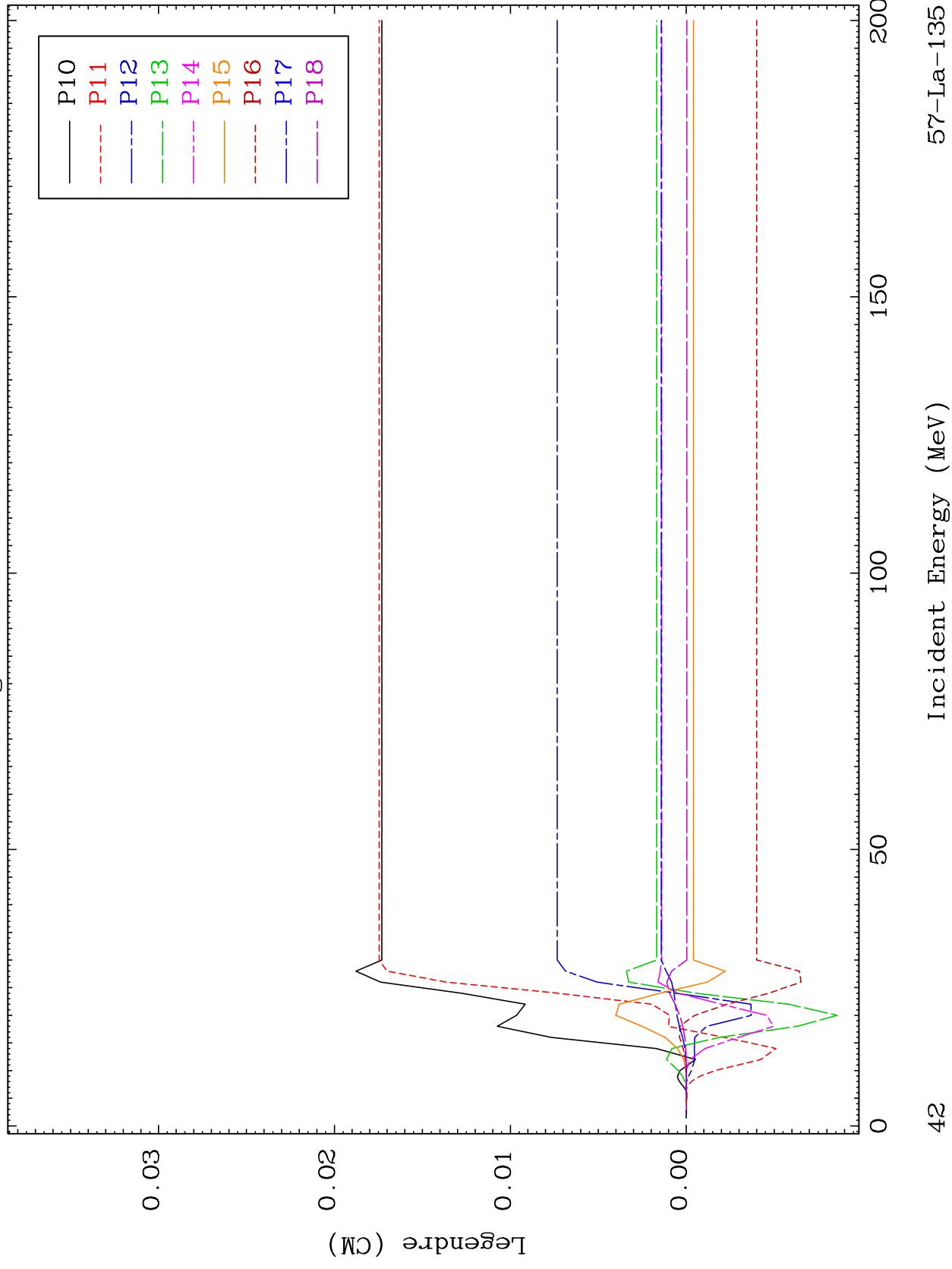
57-La-135



MAT 5716

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

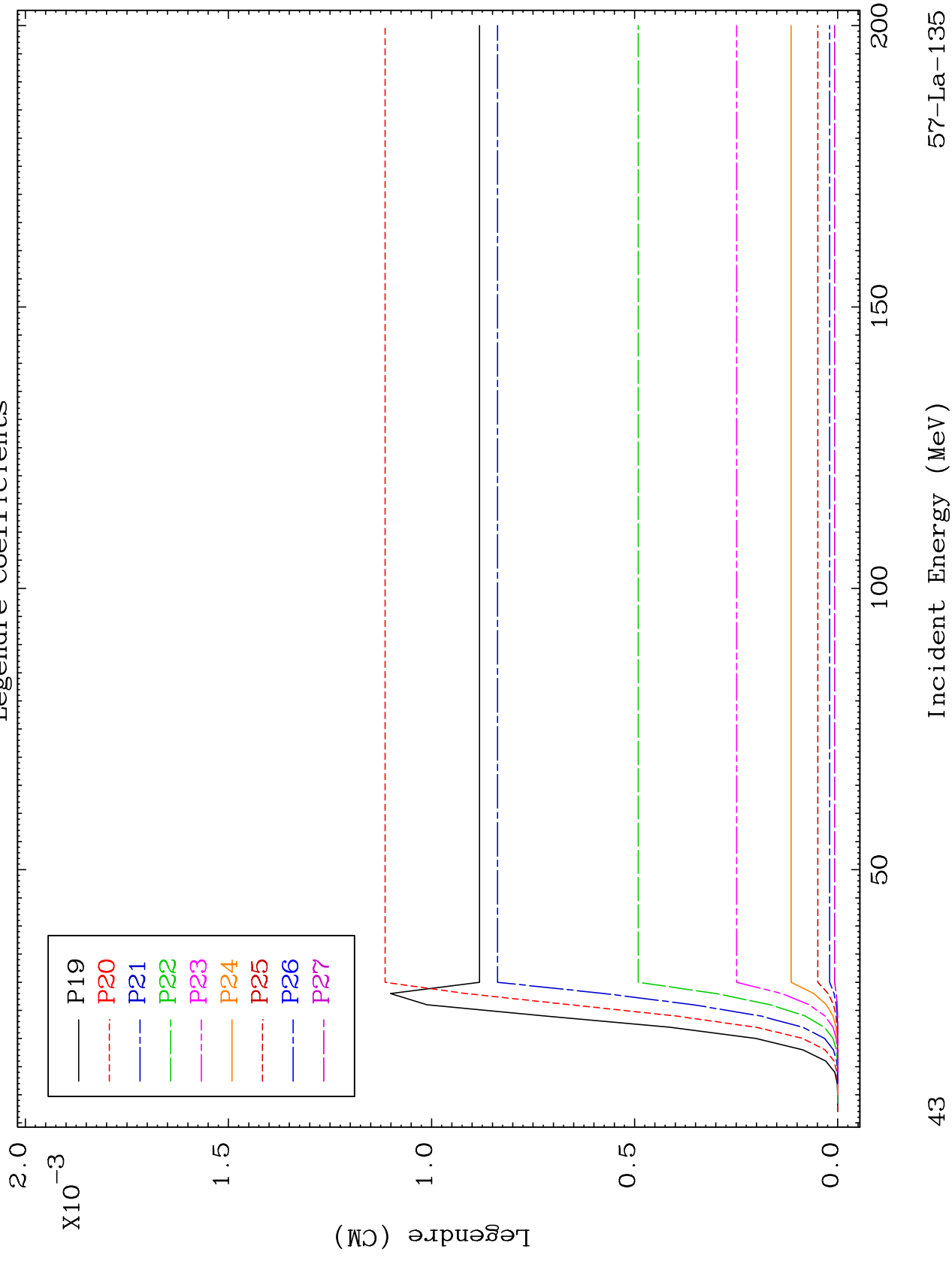
57-La-135

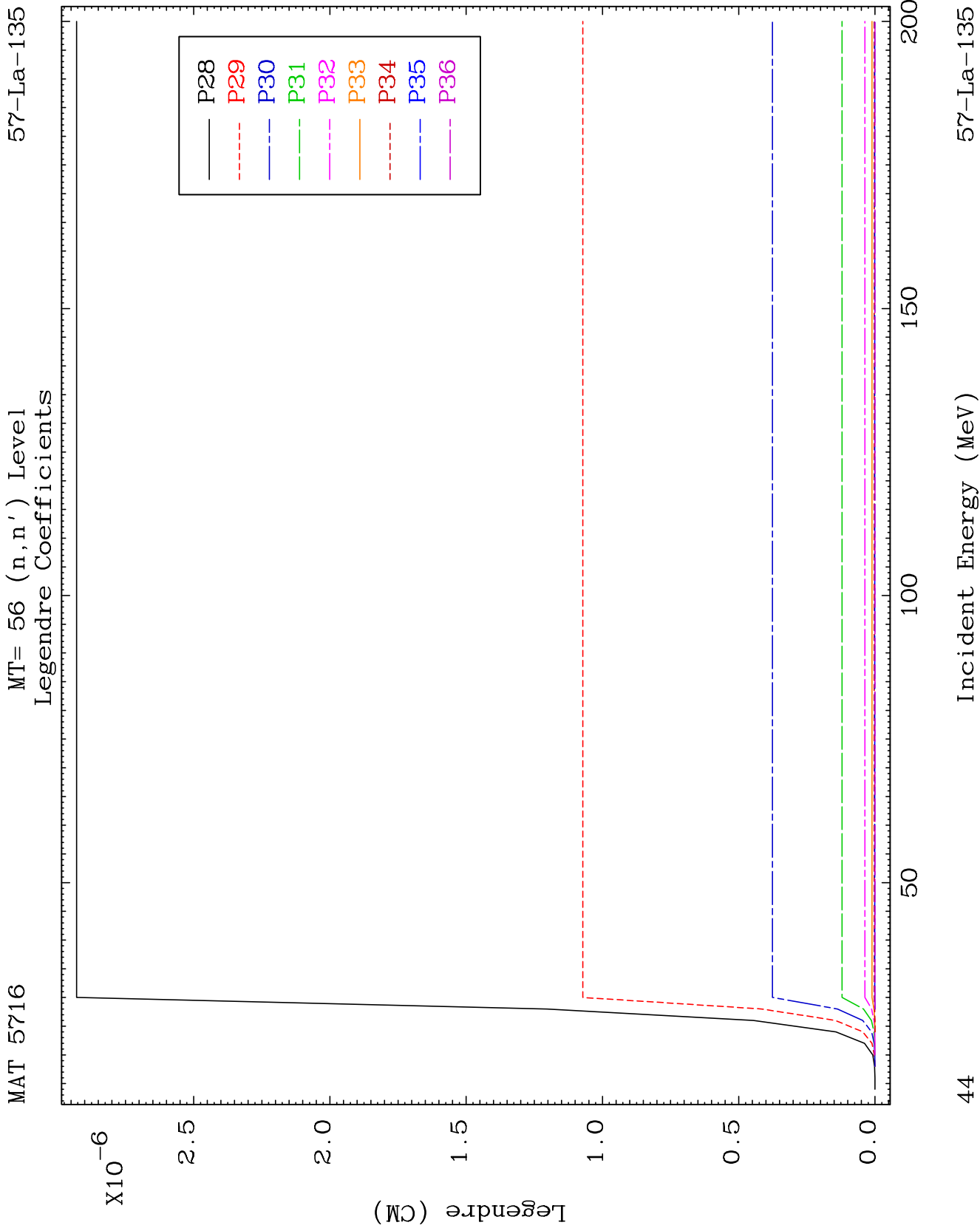


MAT 5716

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

57-La-135

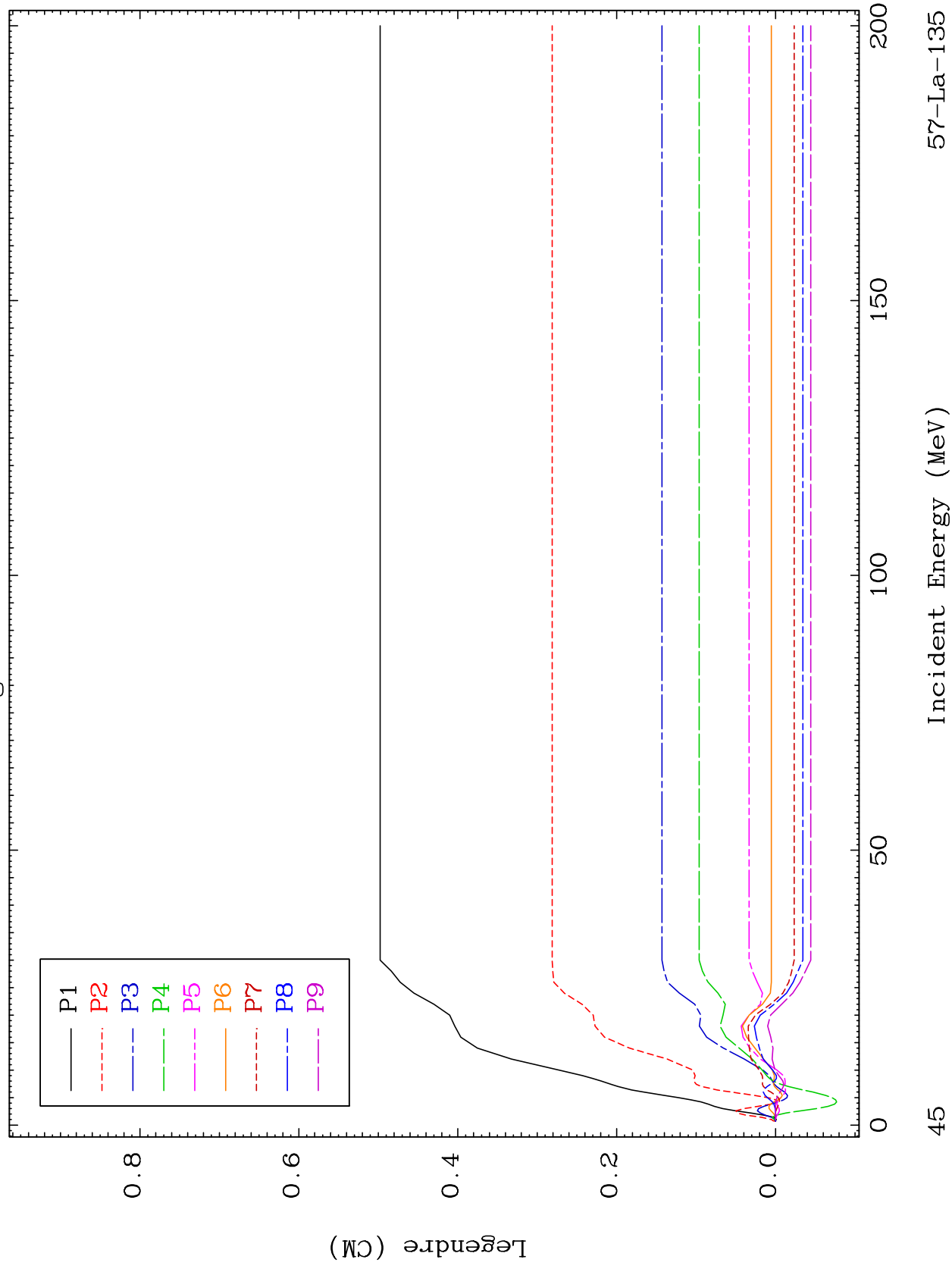


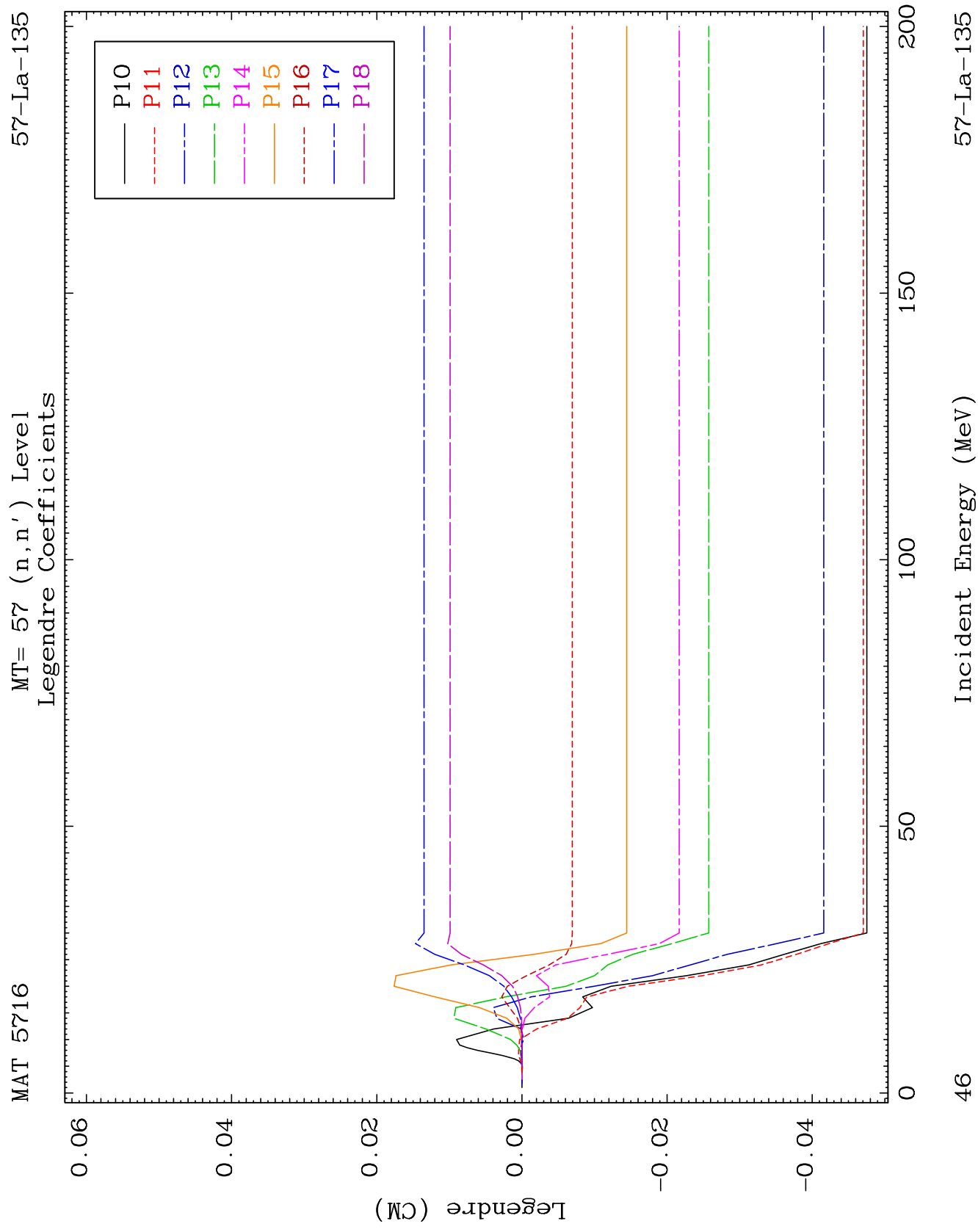


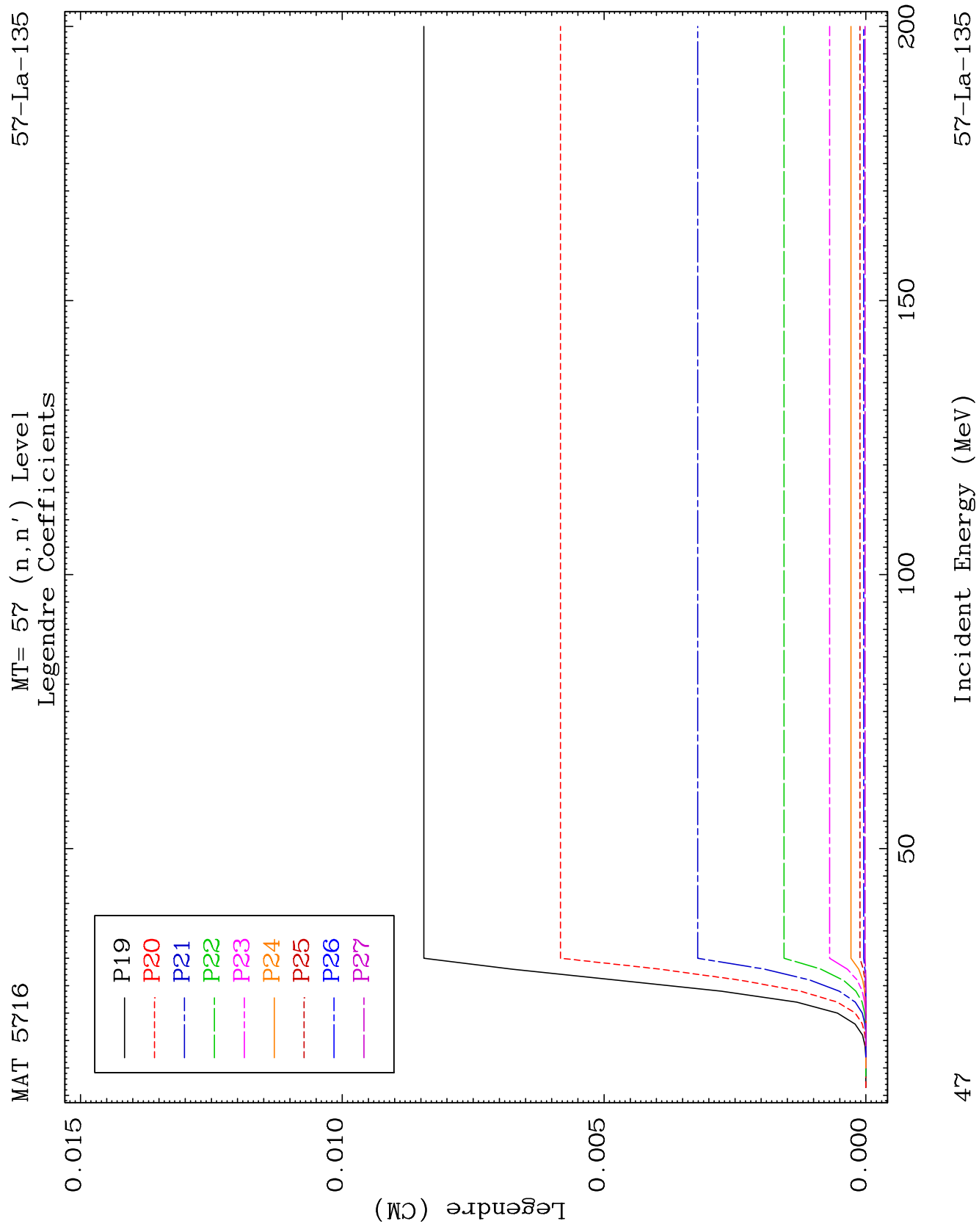
MAT 5716

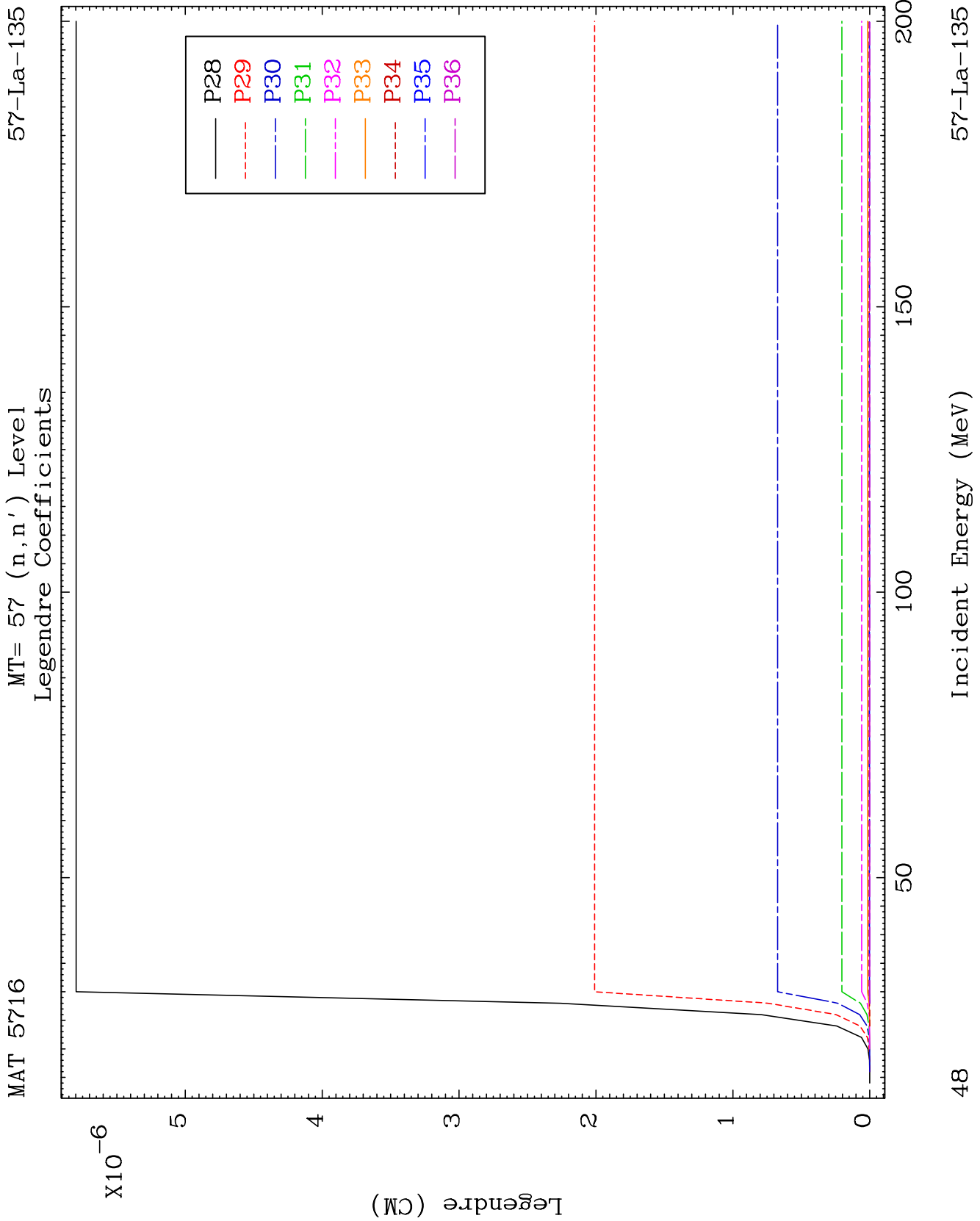
MT= 57 (n, n') Level
Legendre Coefficients

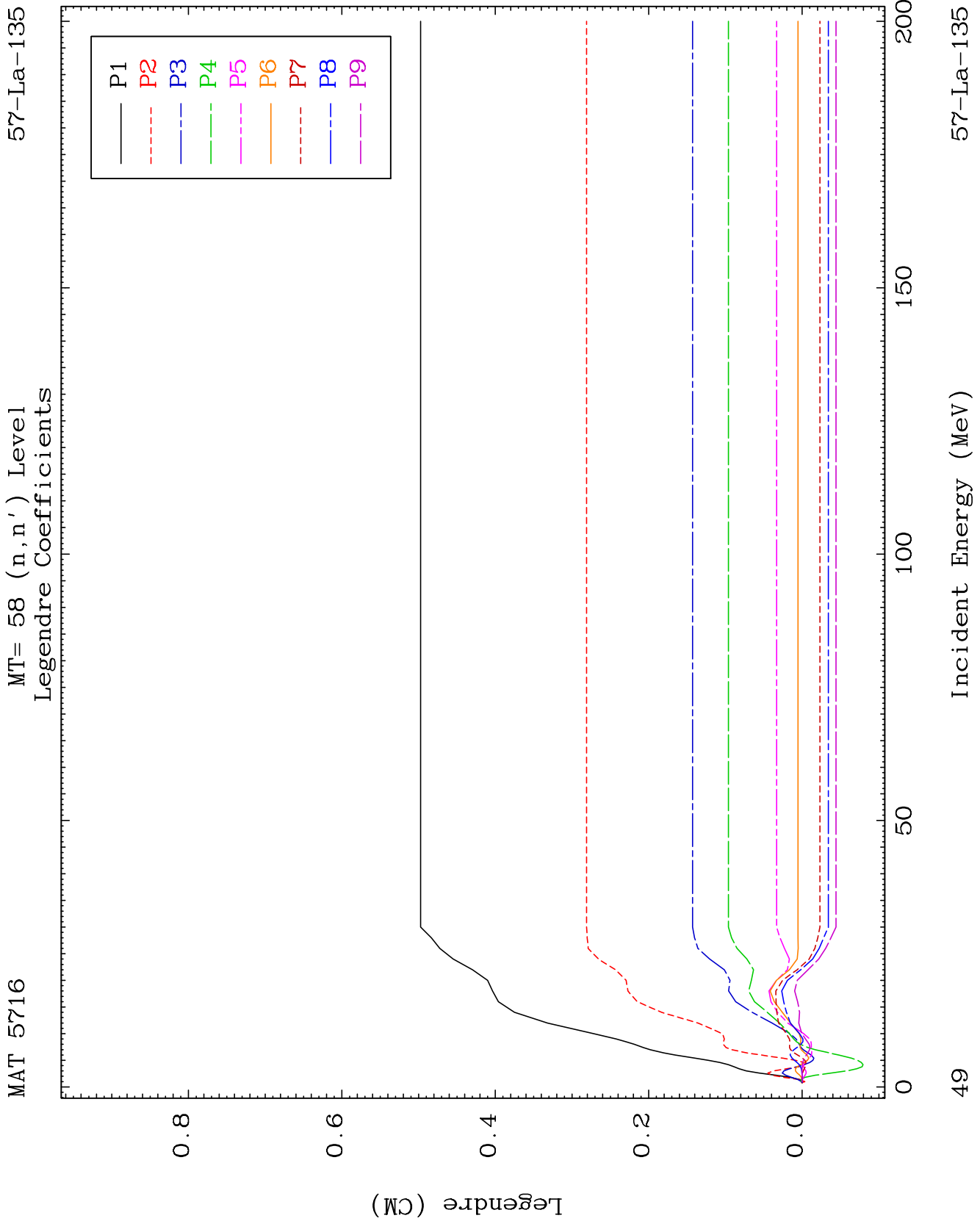
57-La-135

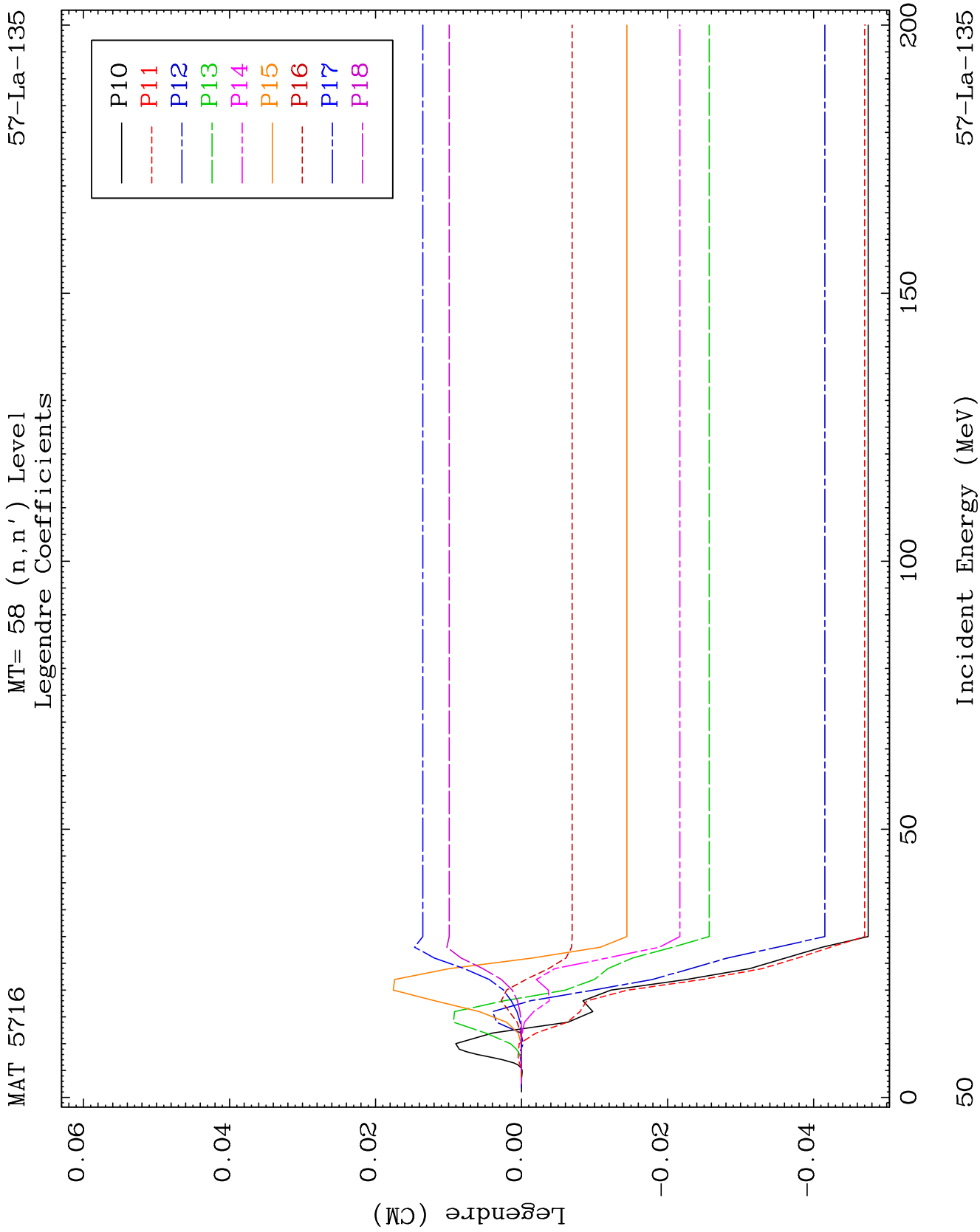








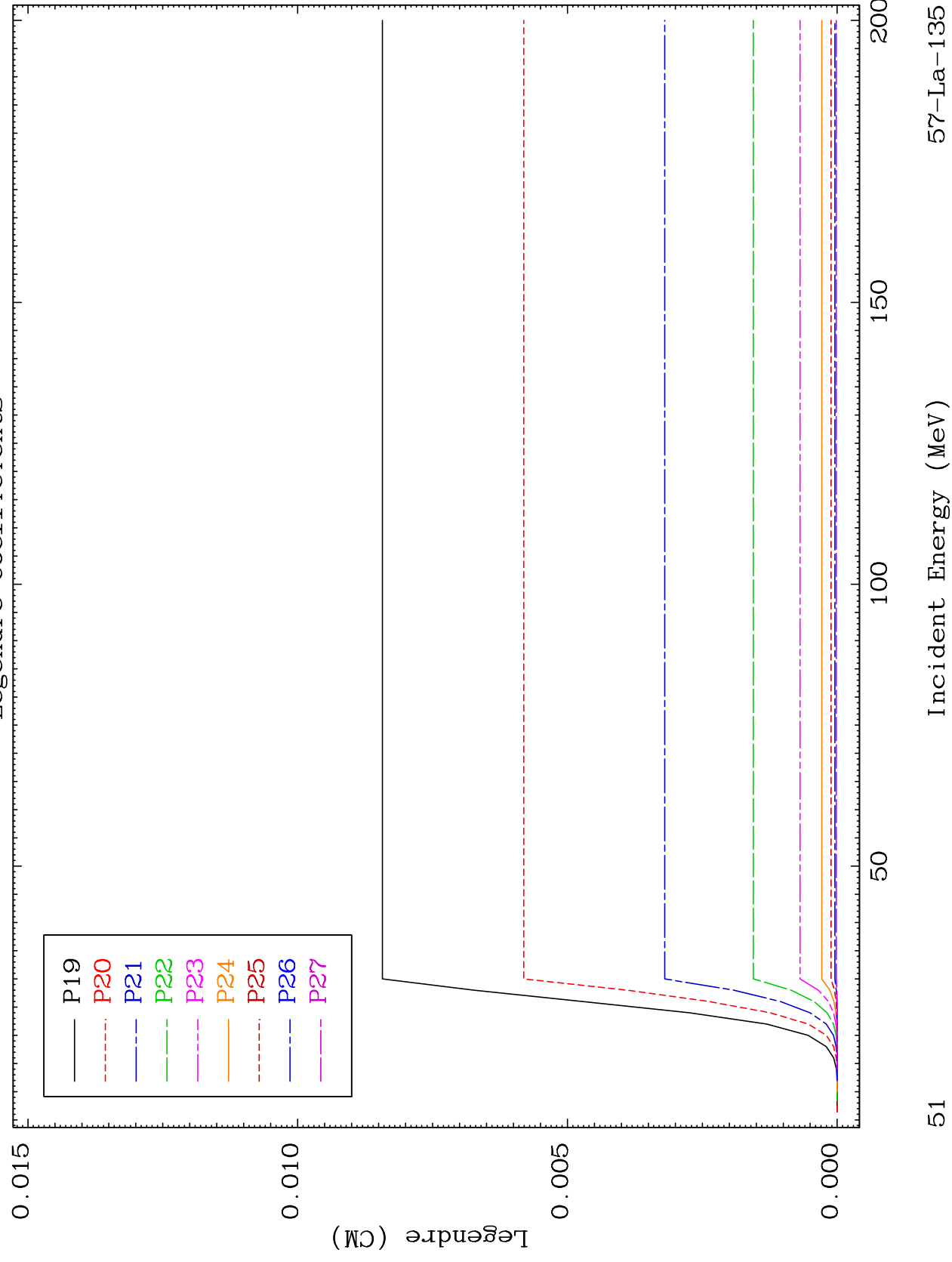




MAT 5716

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

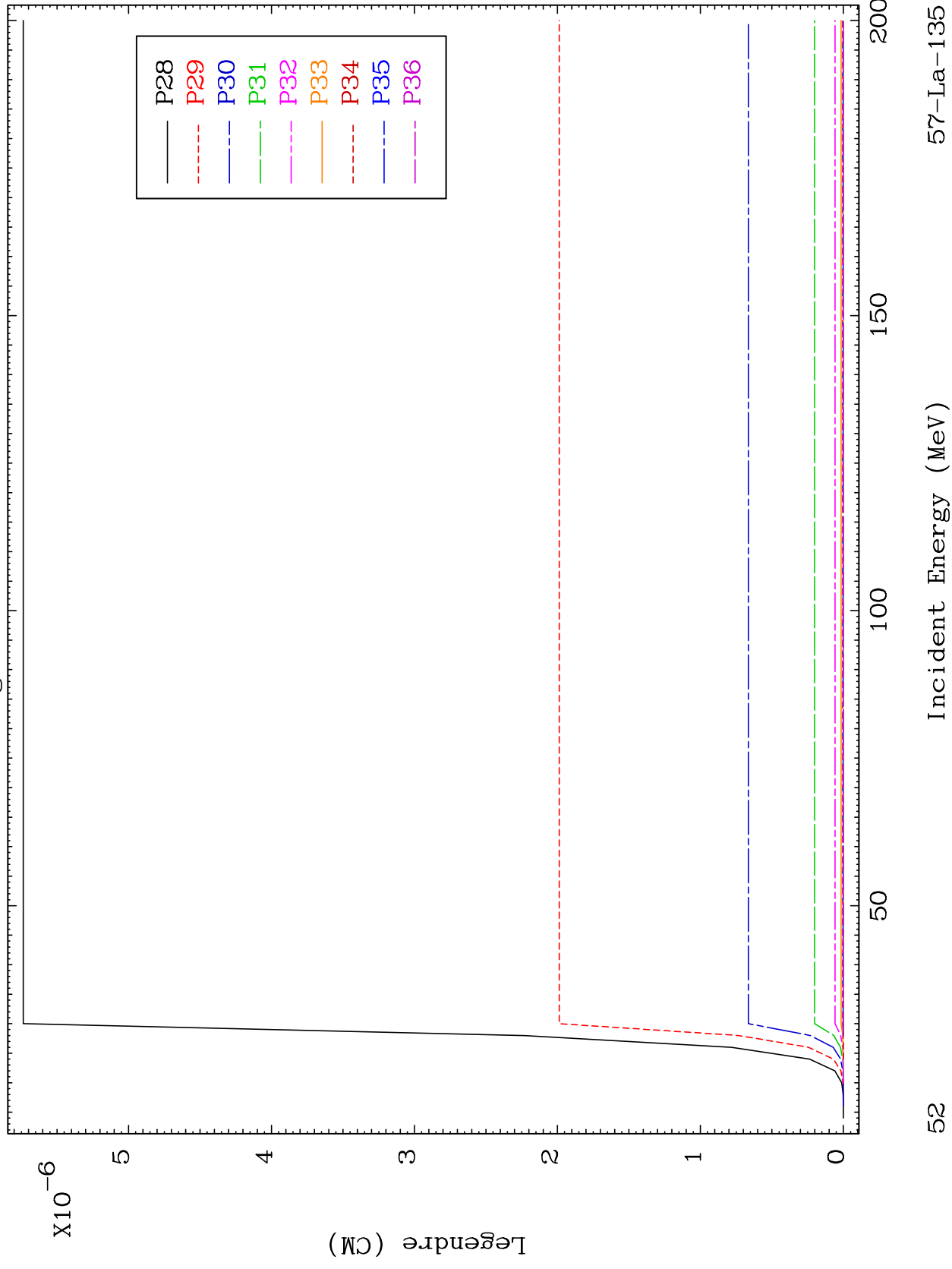
57-La-135



MAT 5716

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

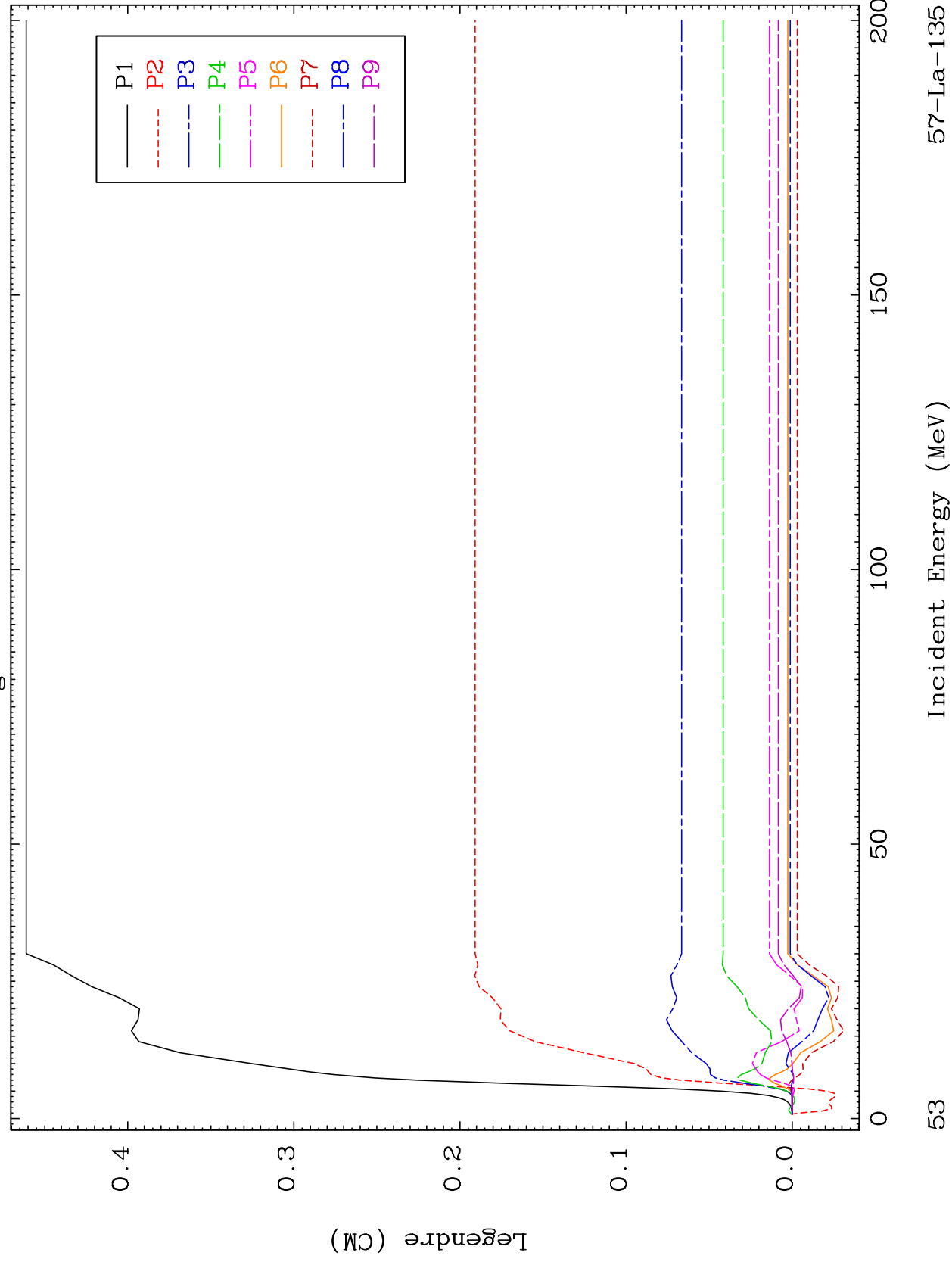
57-La-135



MAT 5716

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

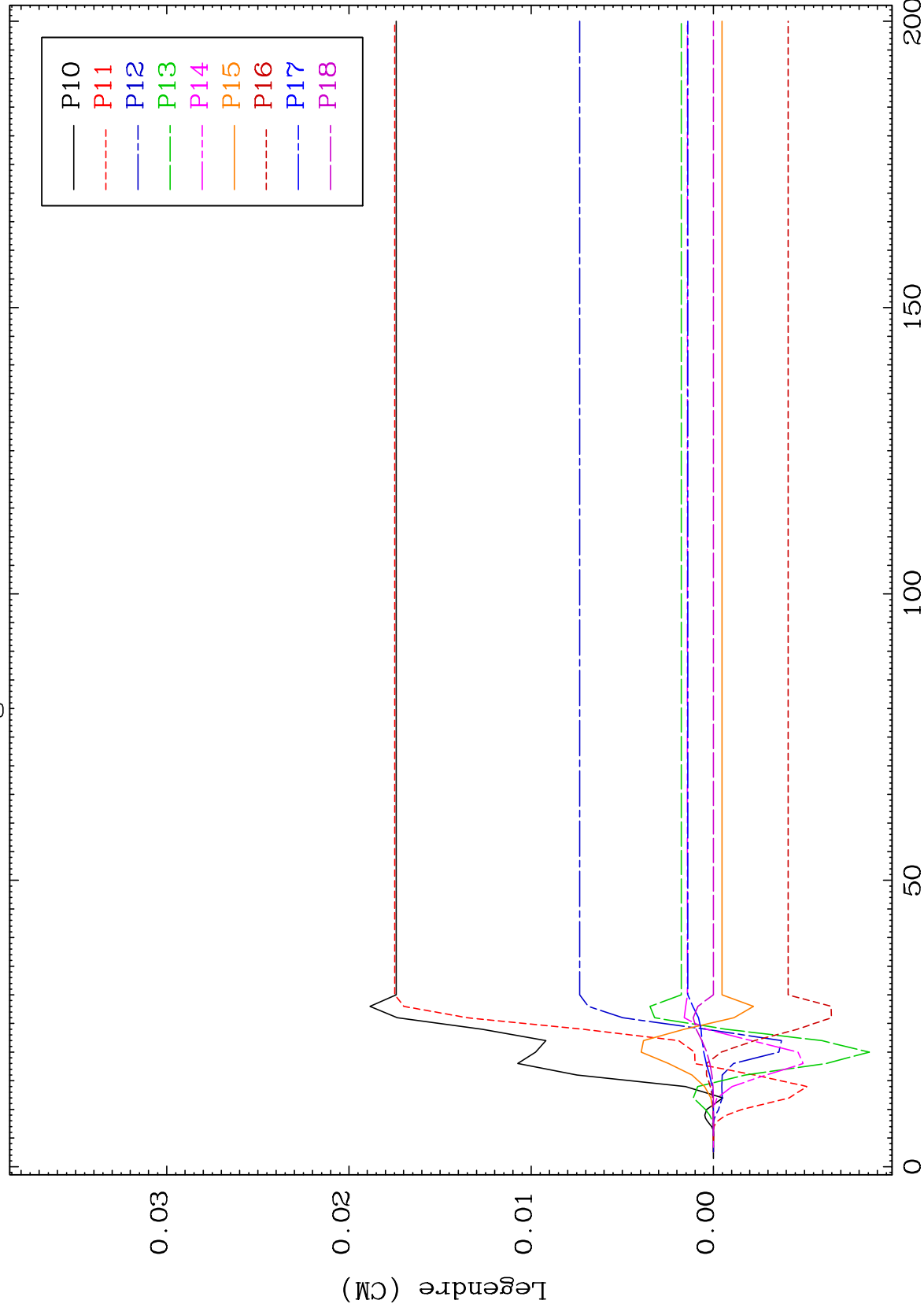
57-La-135



MAT 5716

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

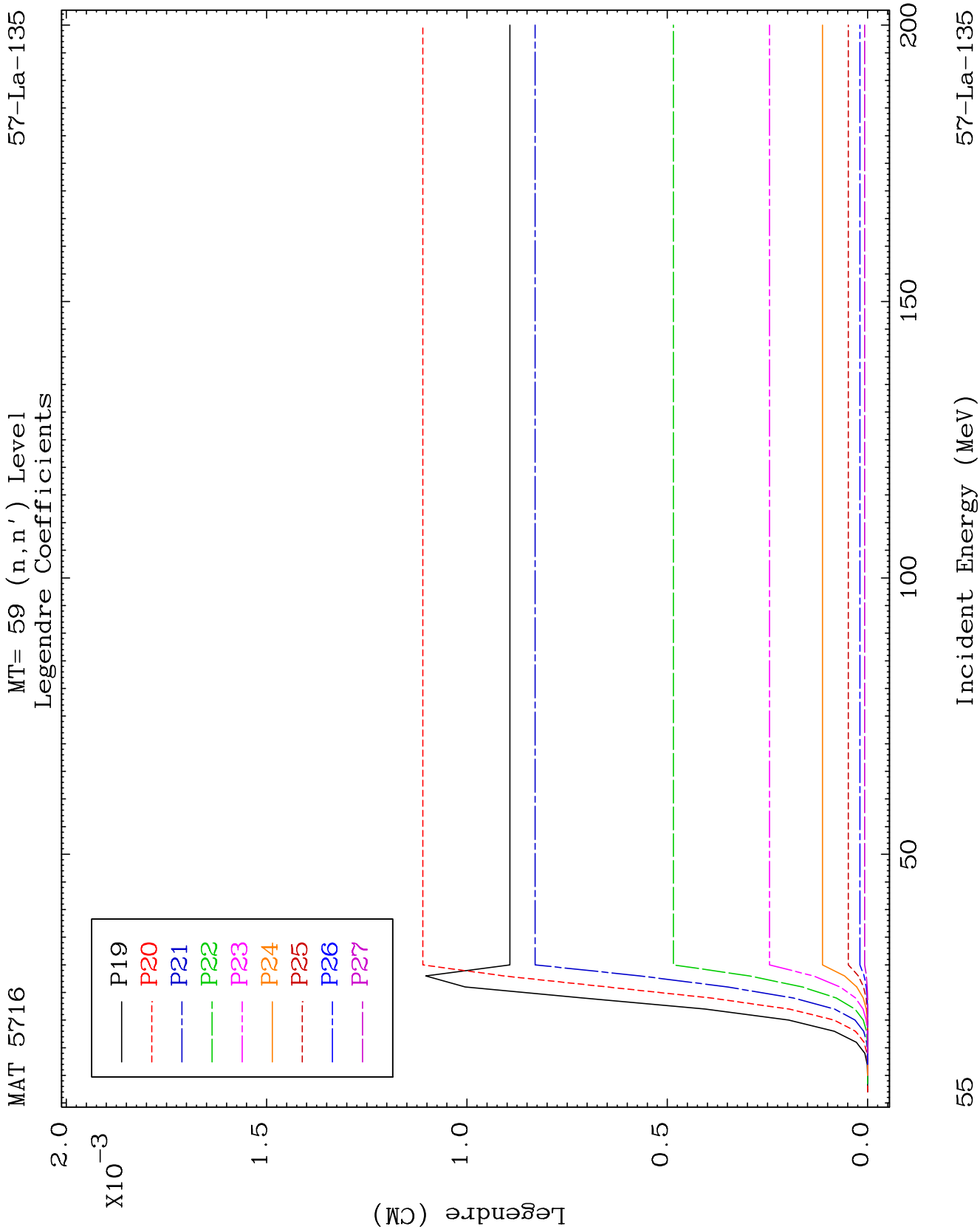
57-La-135

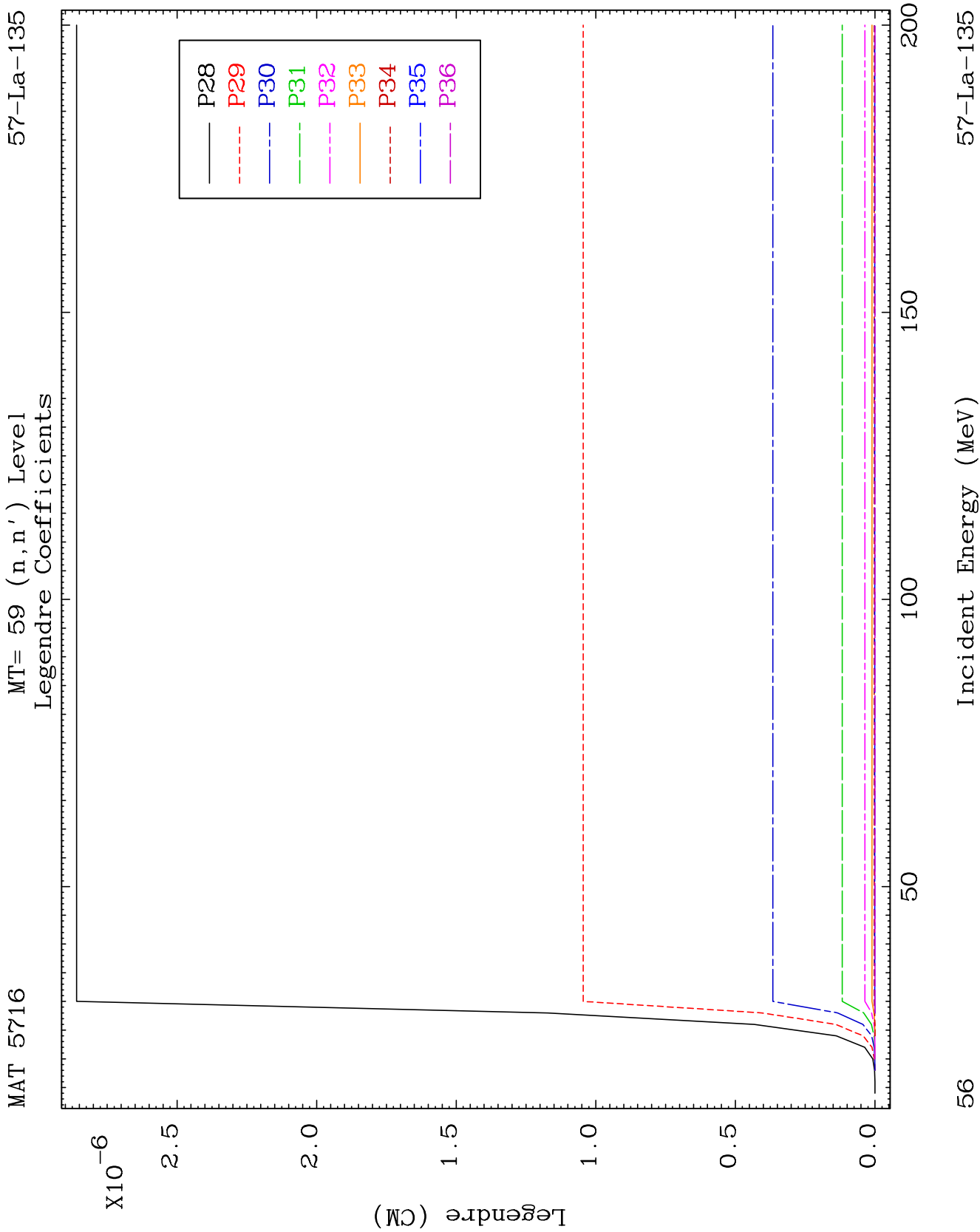


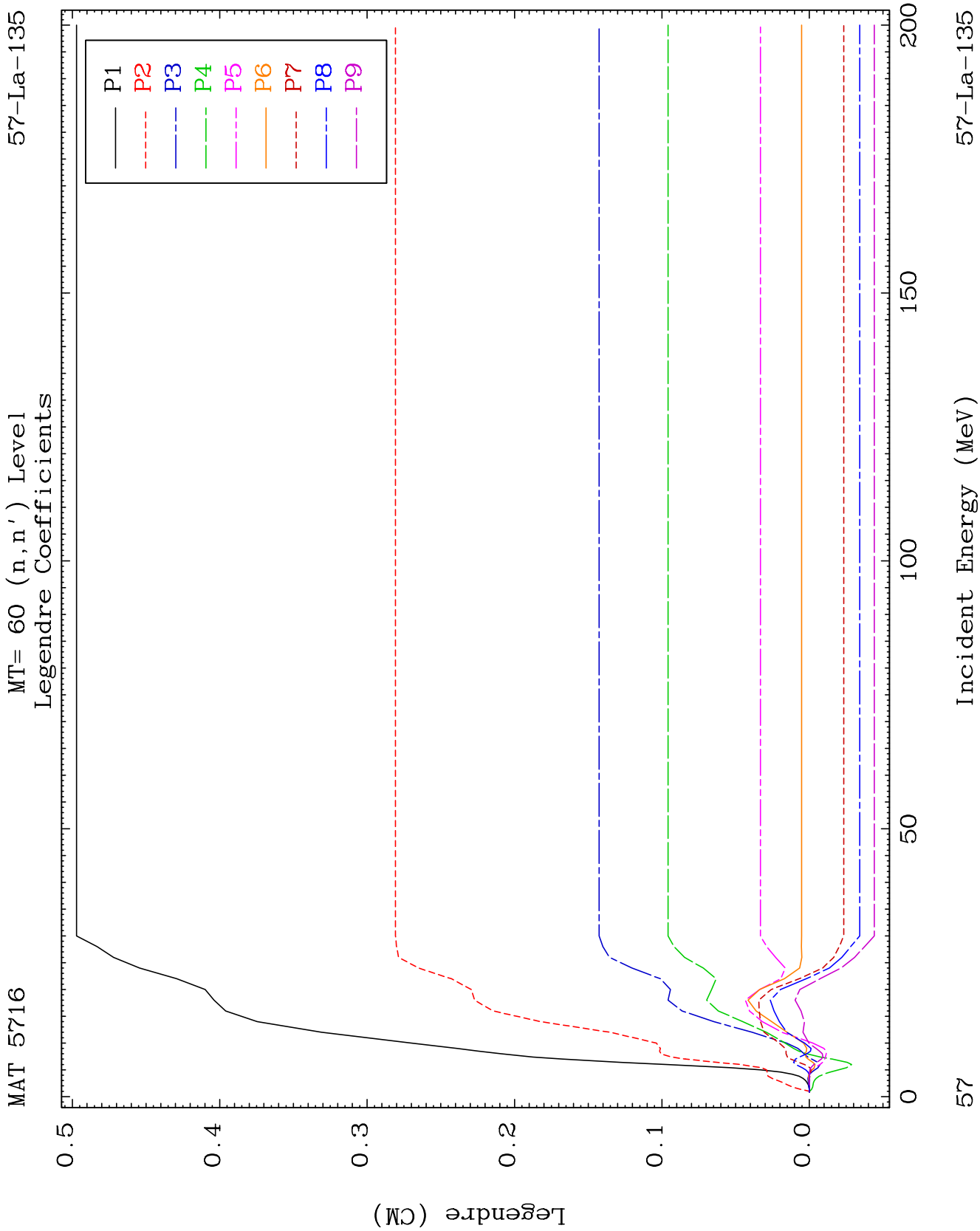
54

Incident Energy (MeV)

57-La-135



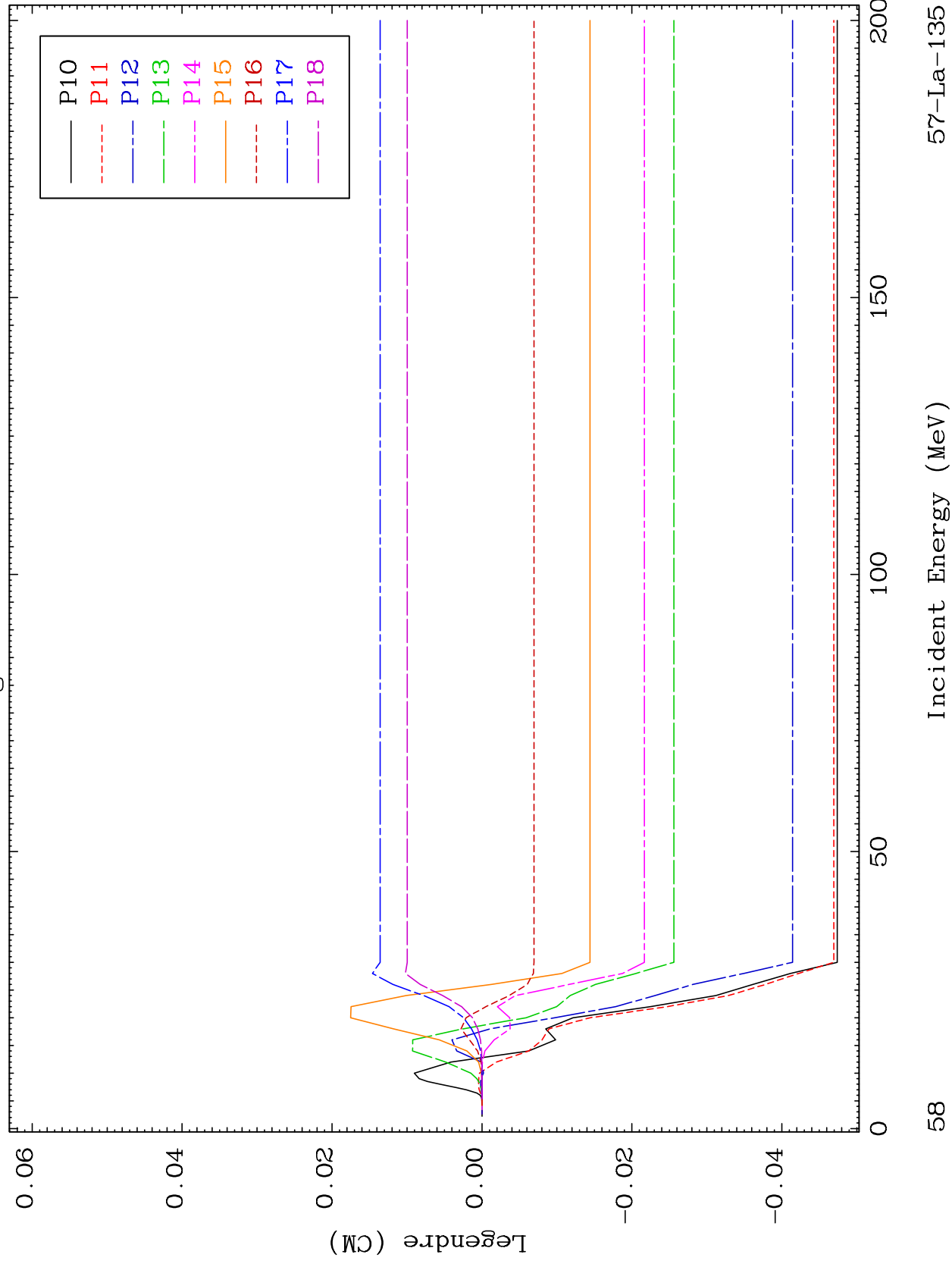


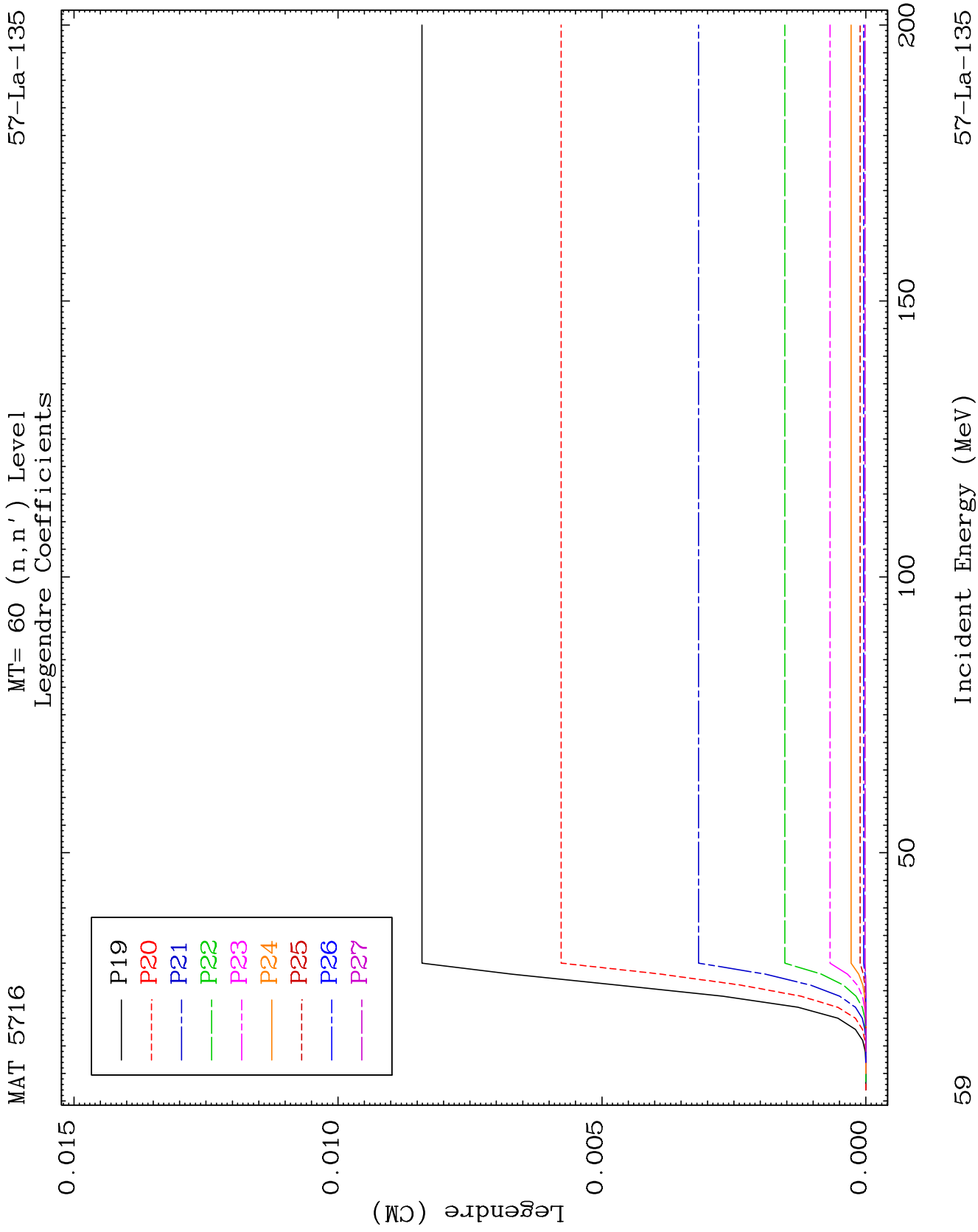


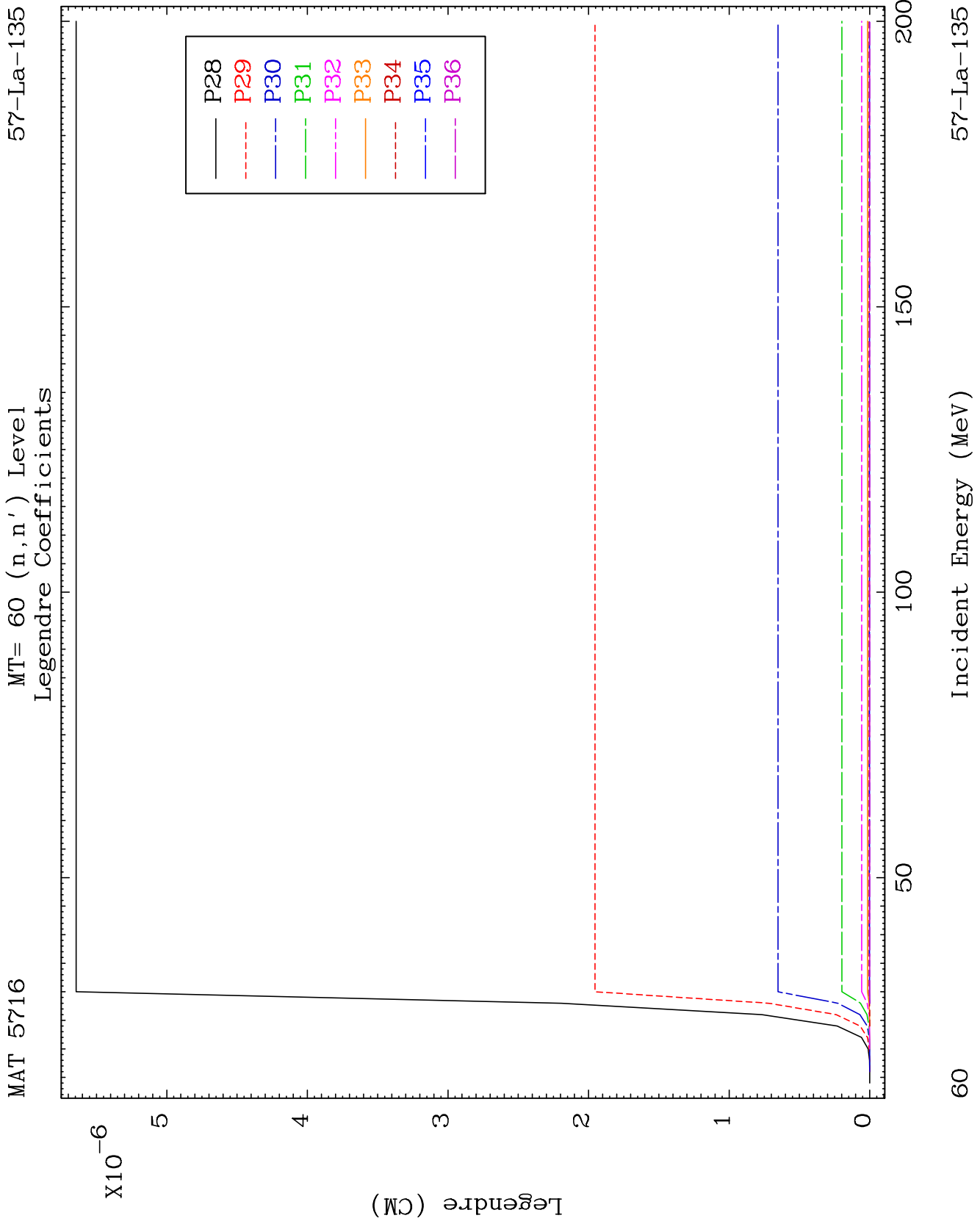
MAT 5716

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

57-La-135



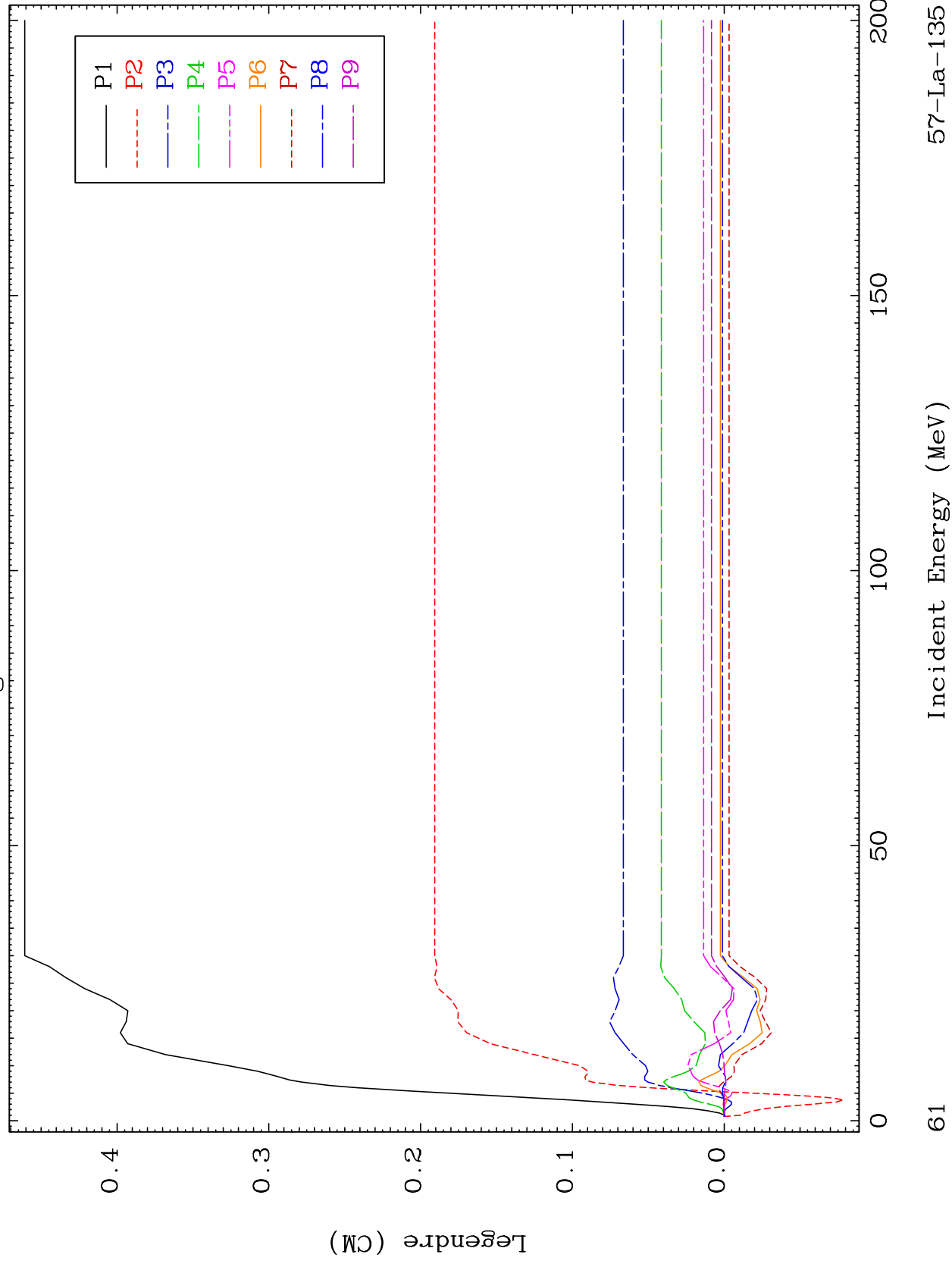




MAT 5716

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

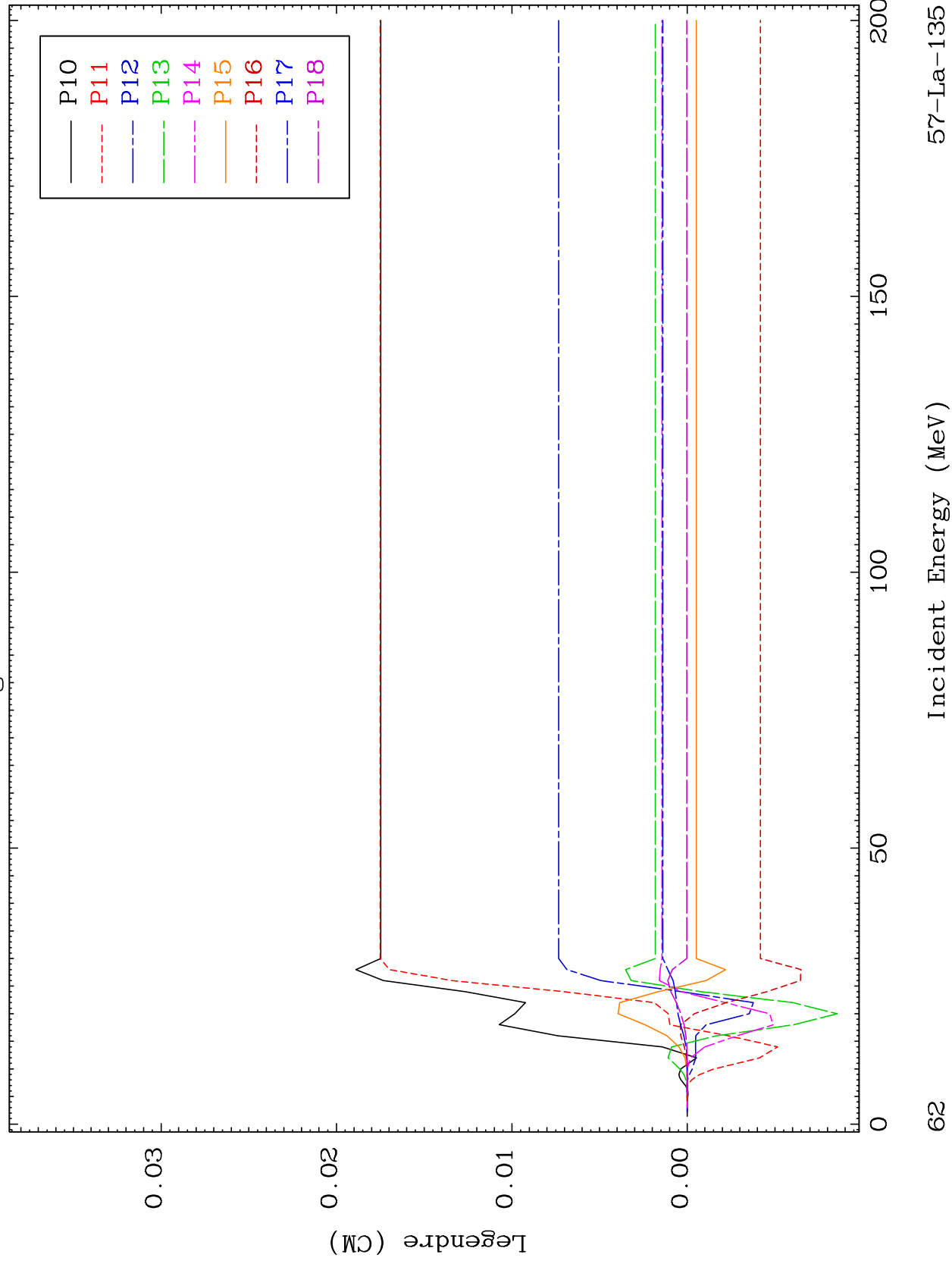
57-La-135



MAT 5716

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

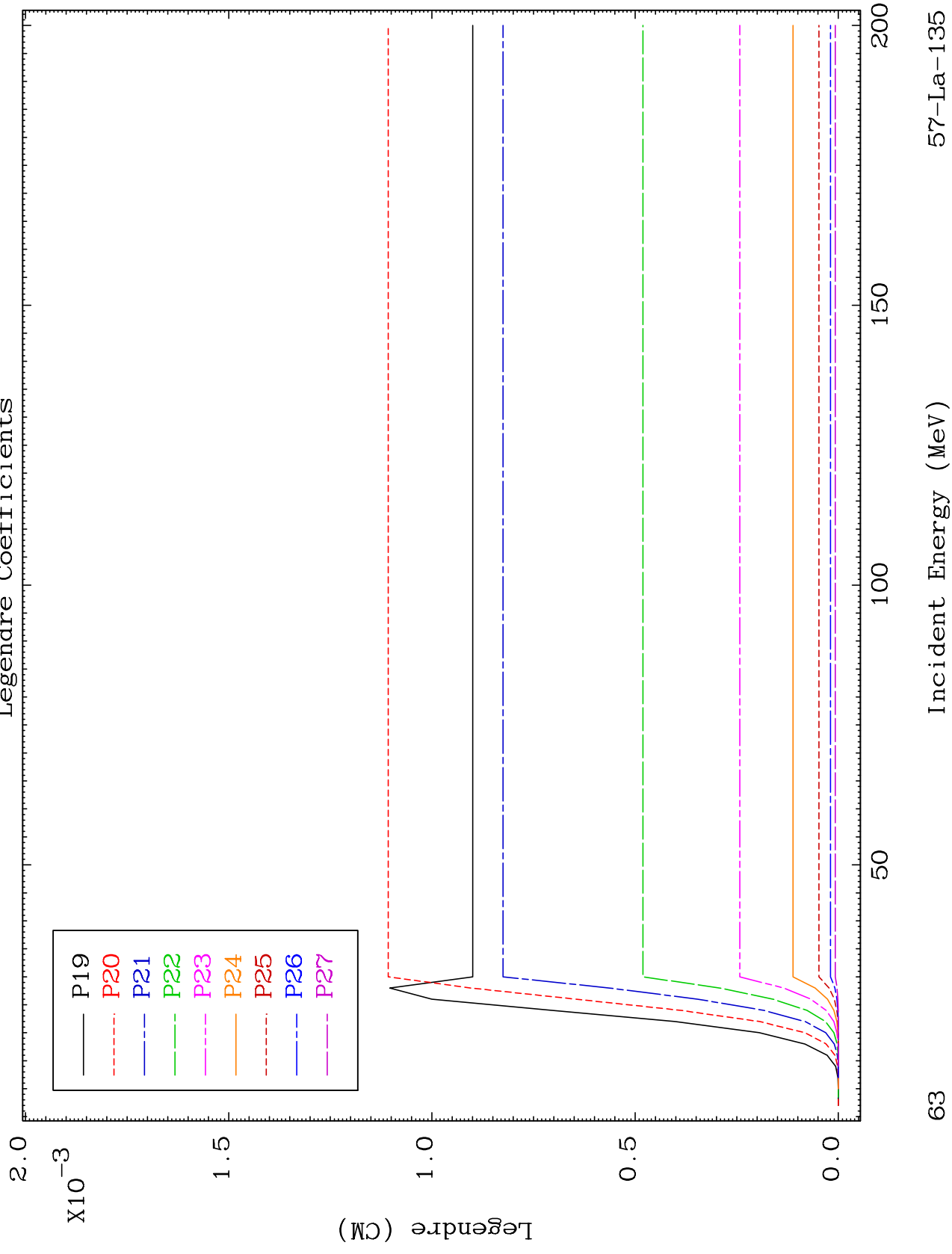
57-La-135

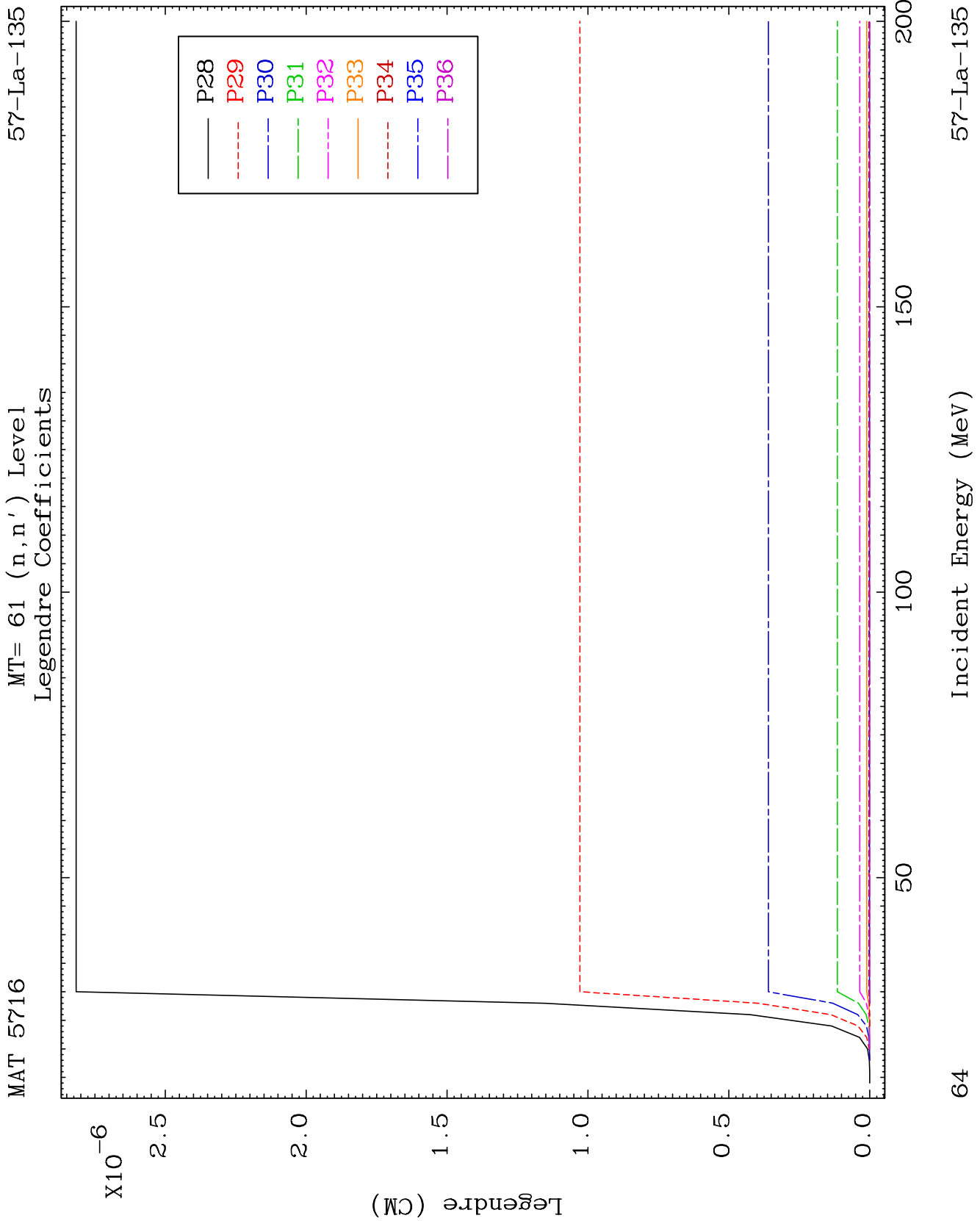


MAT 5716

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

57-La-135

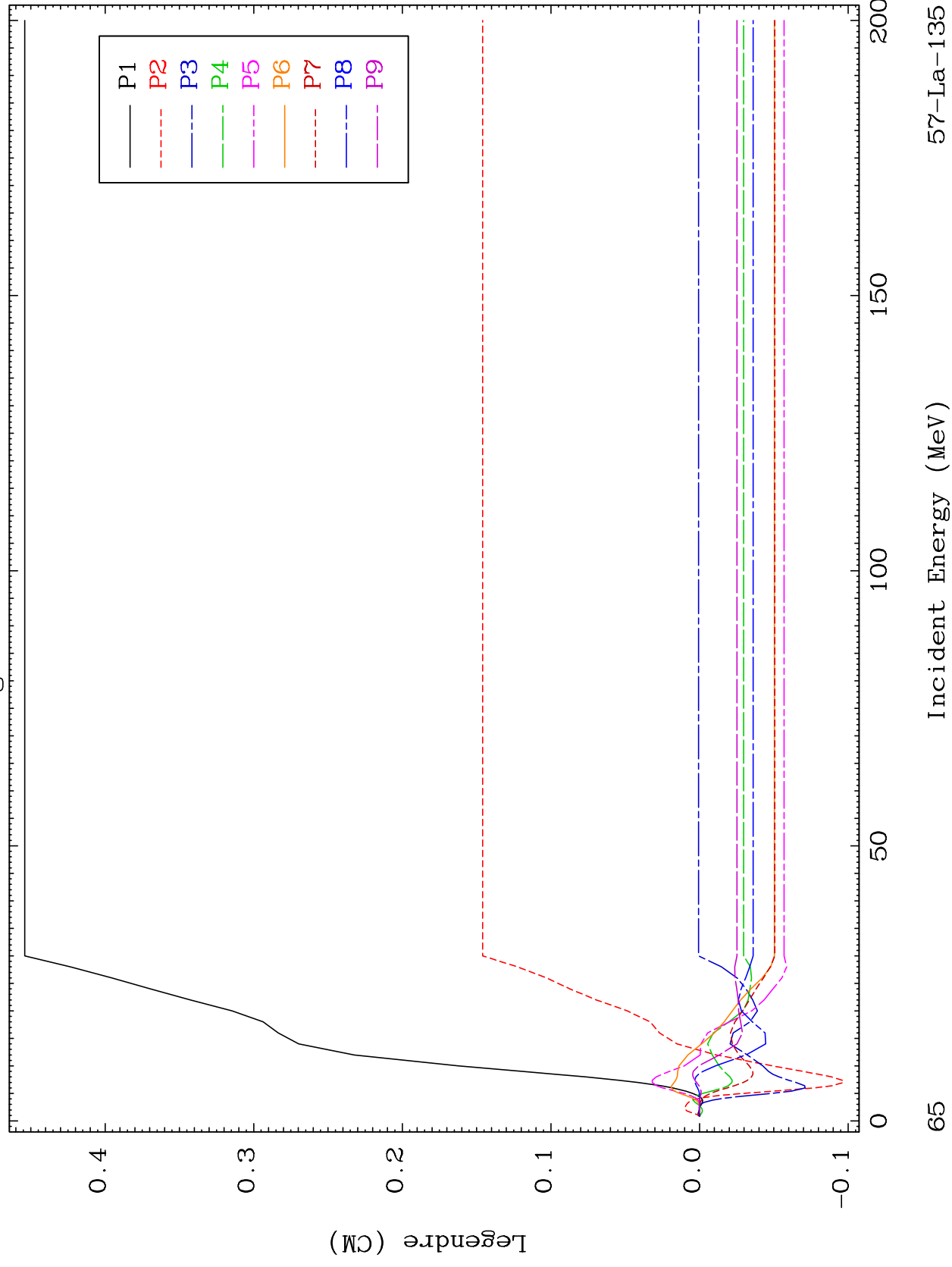


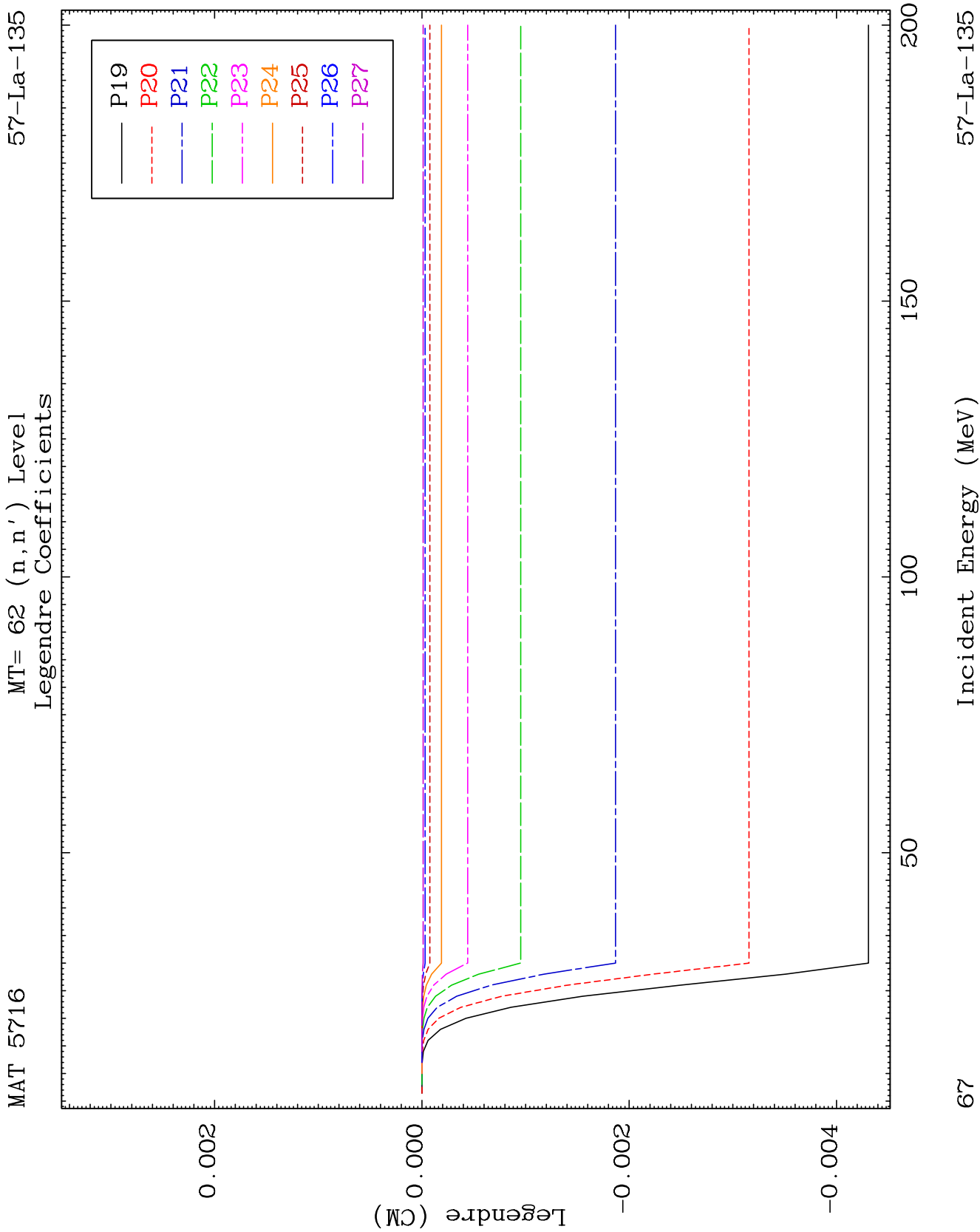


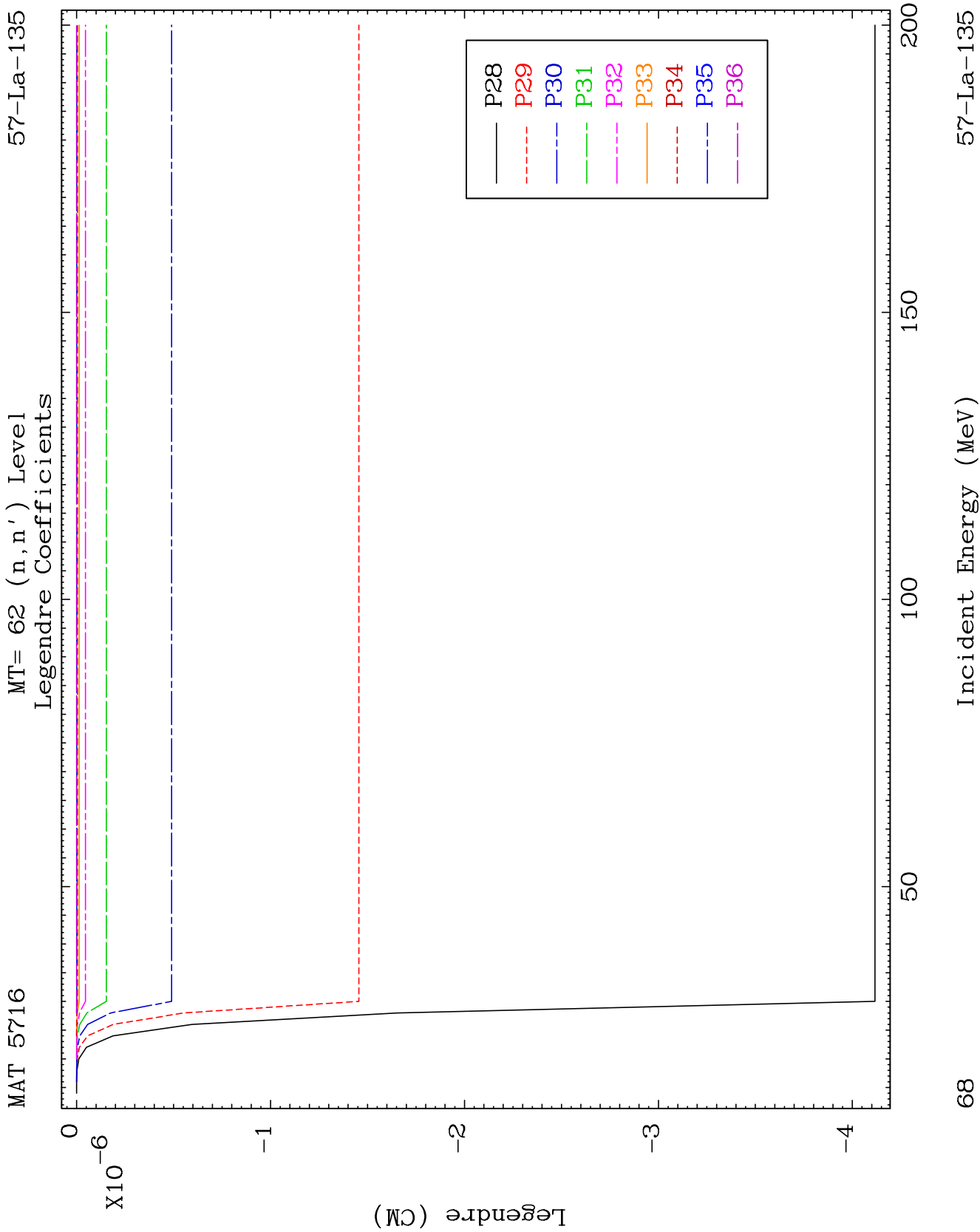
MAT 5716

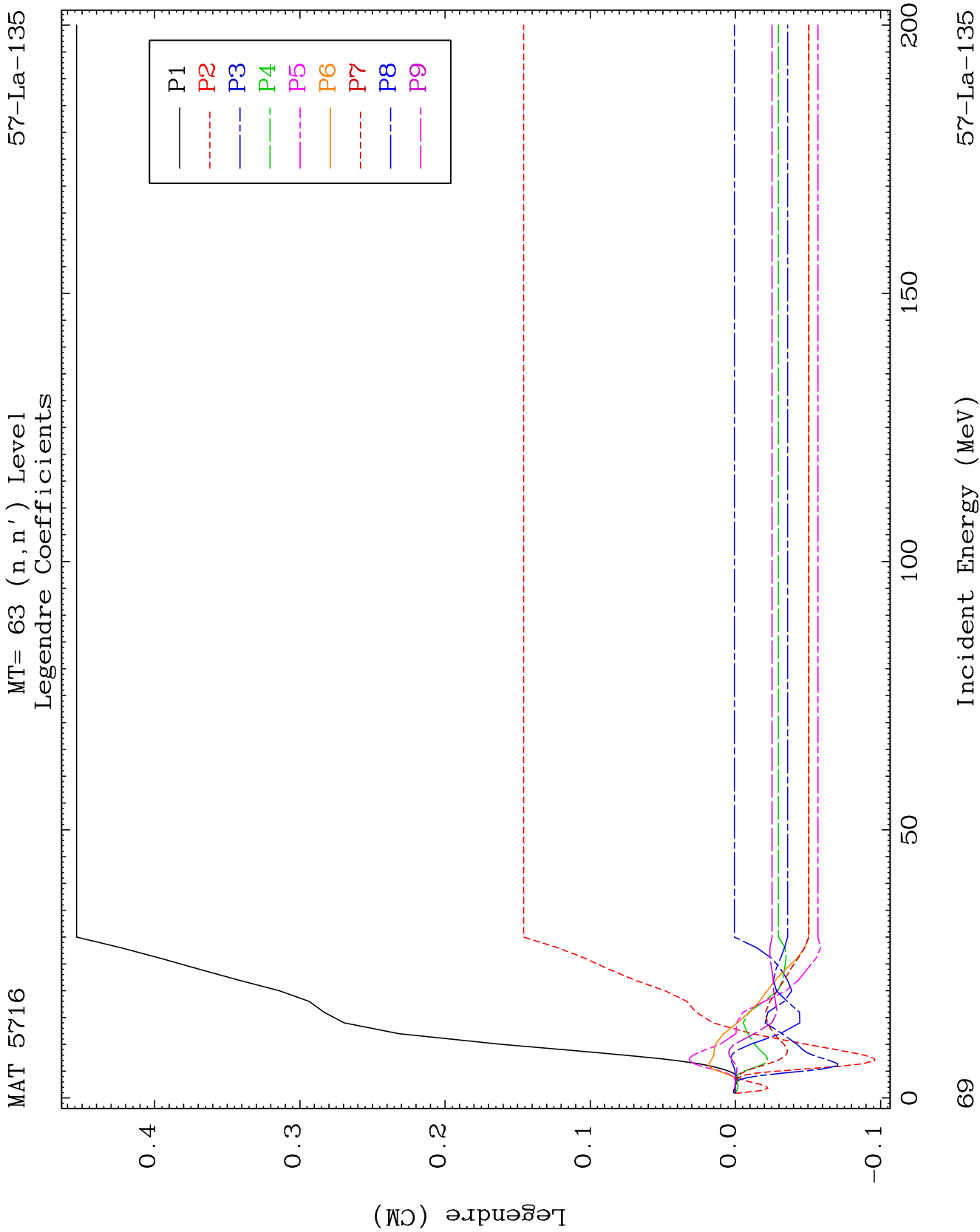
MT= 62 (n, n') Level
Legendre Coefficients

57-La-135





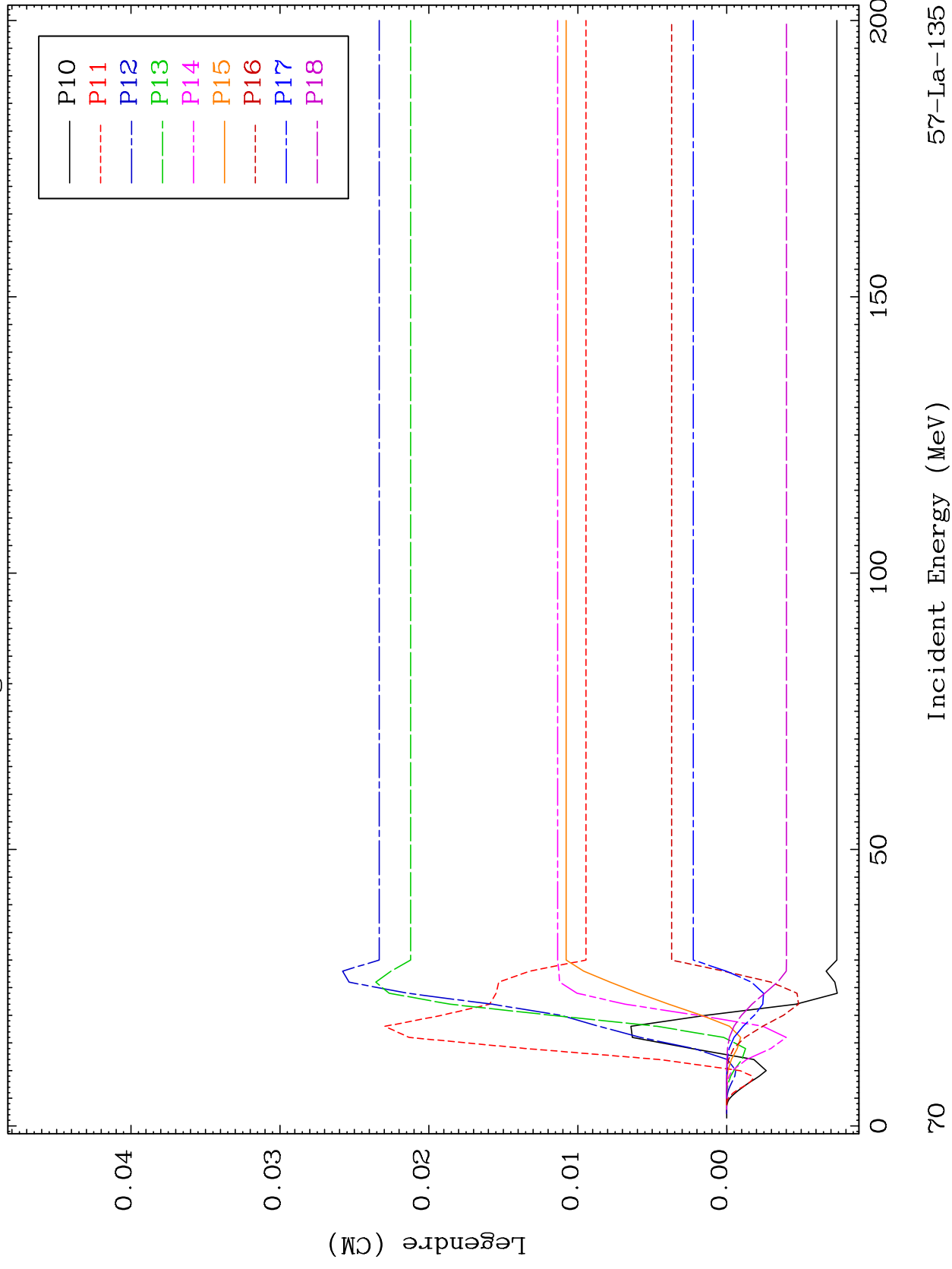


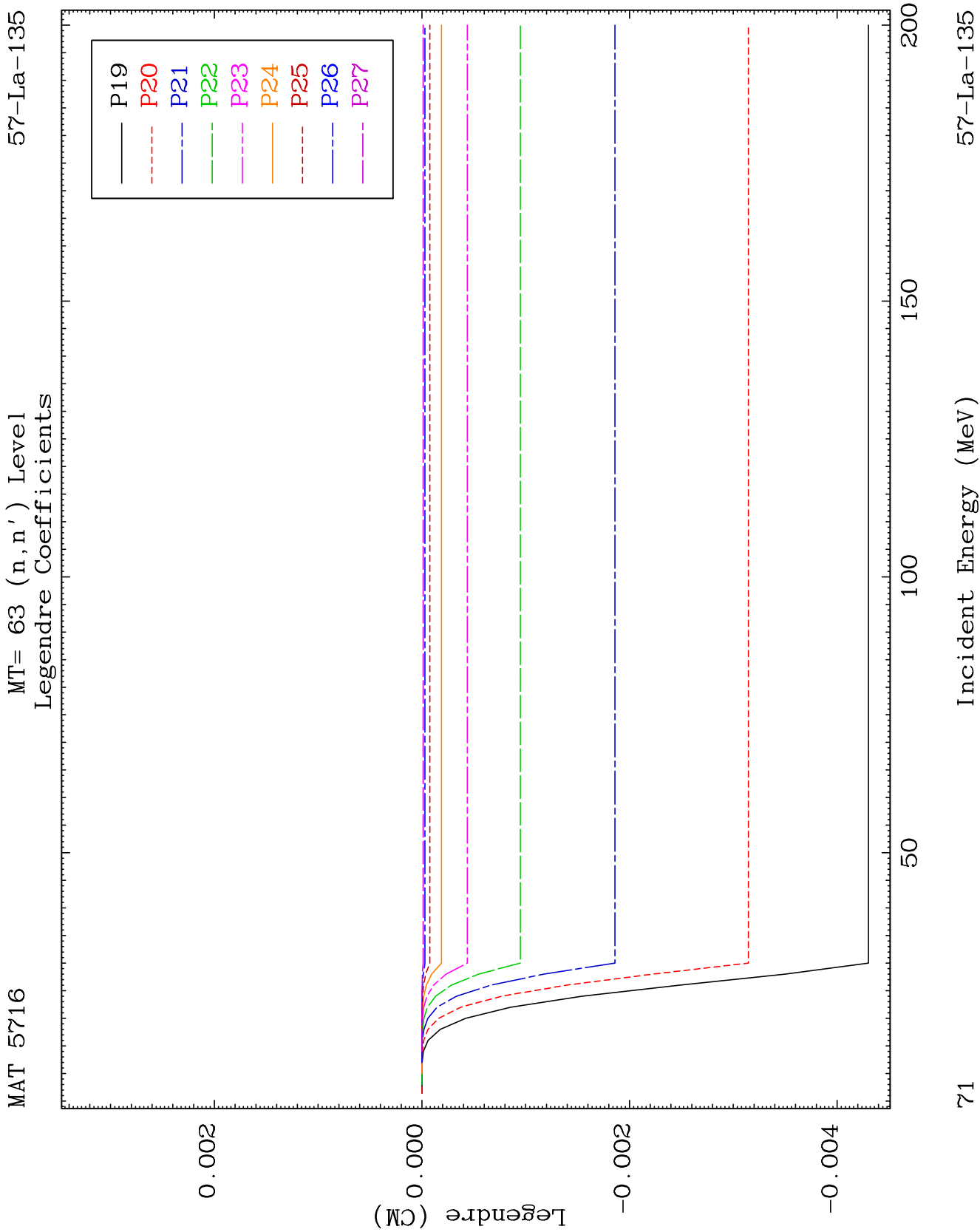


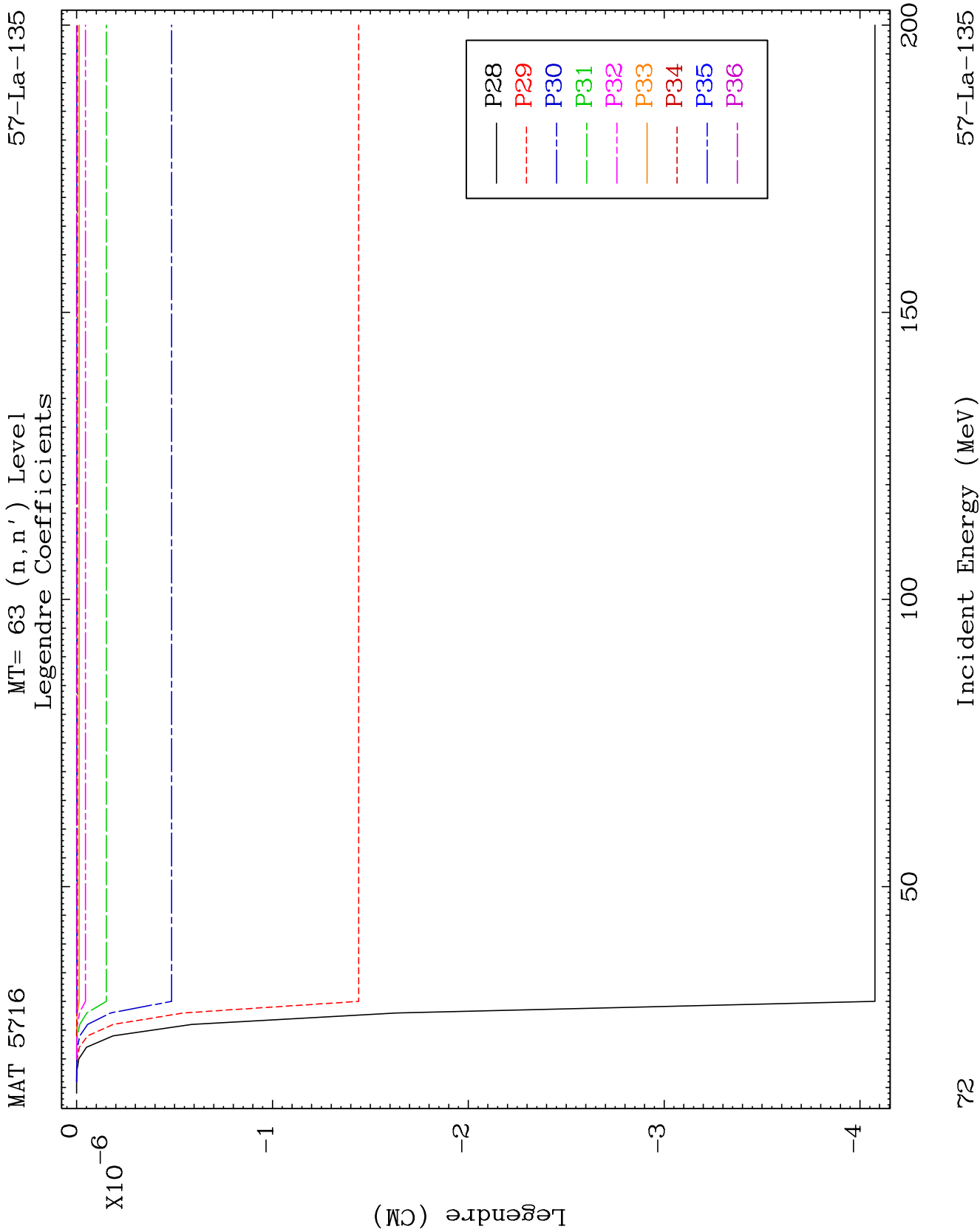
MAT 5716

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

57-La-135



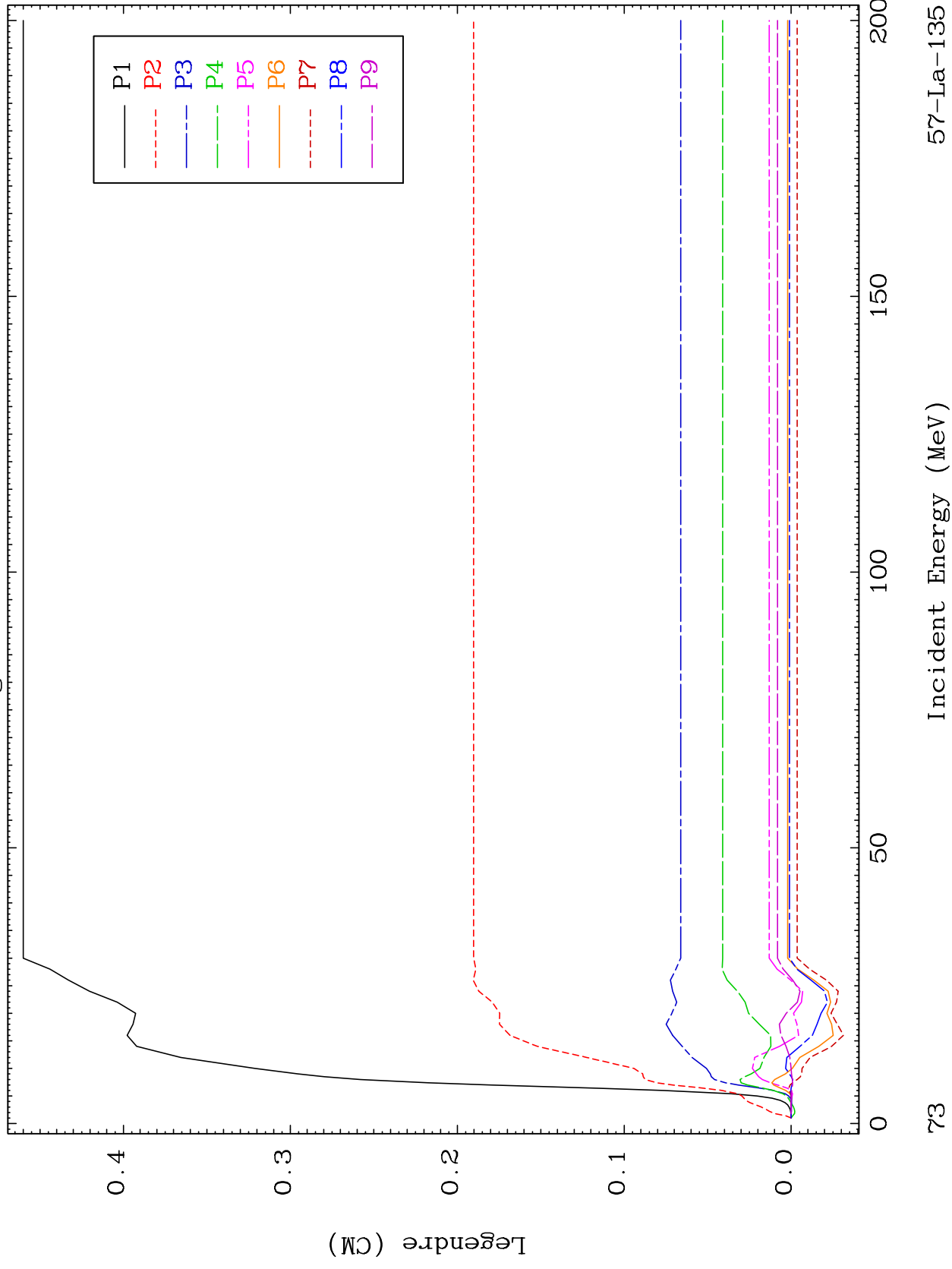




MAT 5716

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

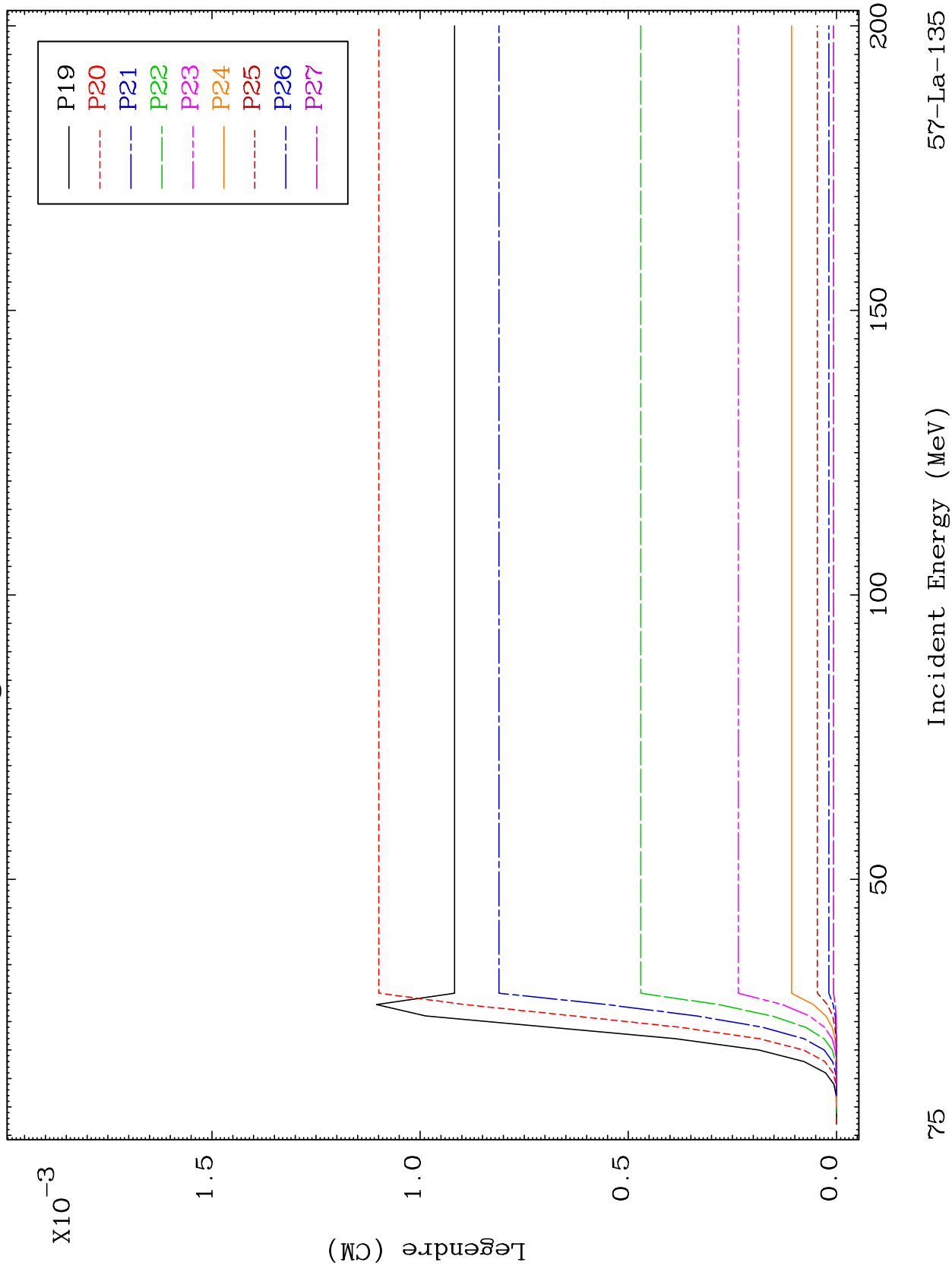
57-La-135

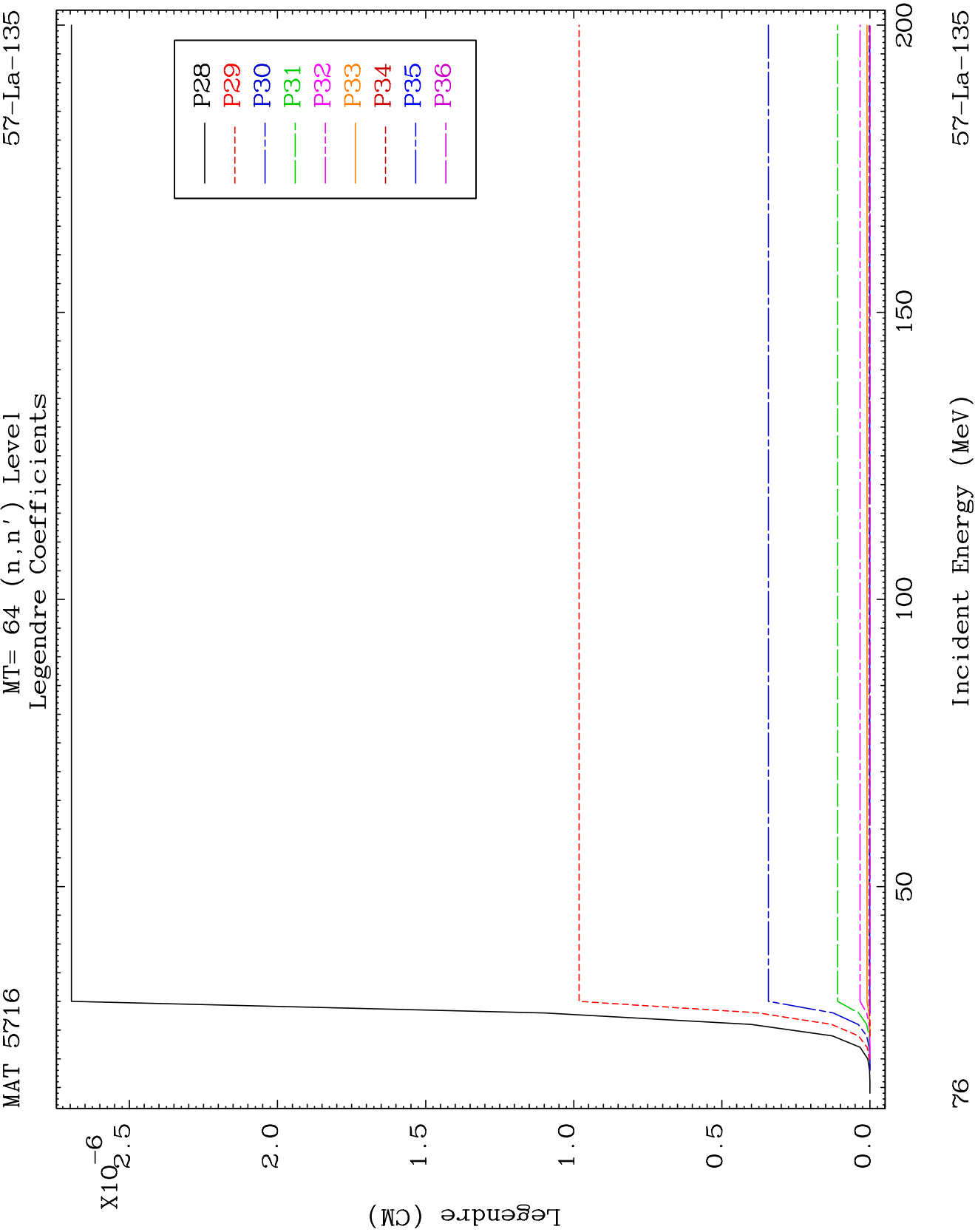


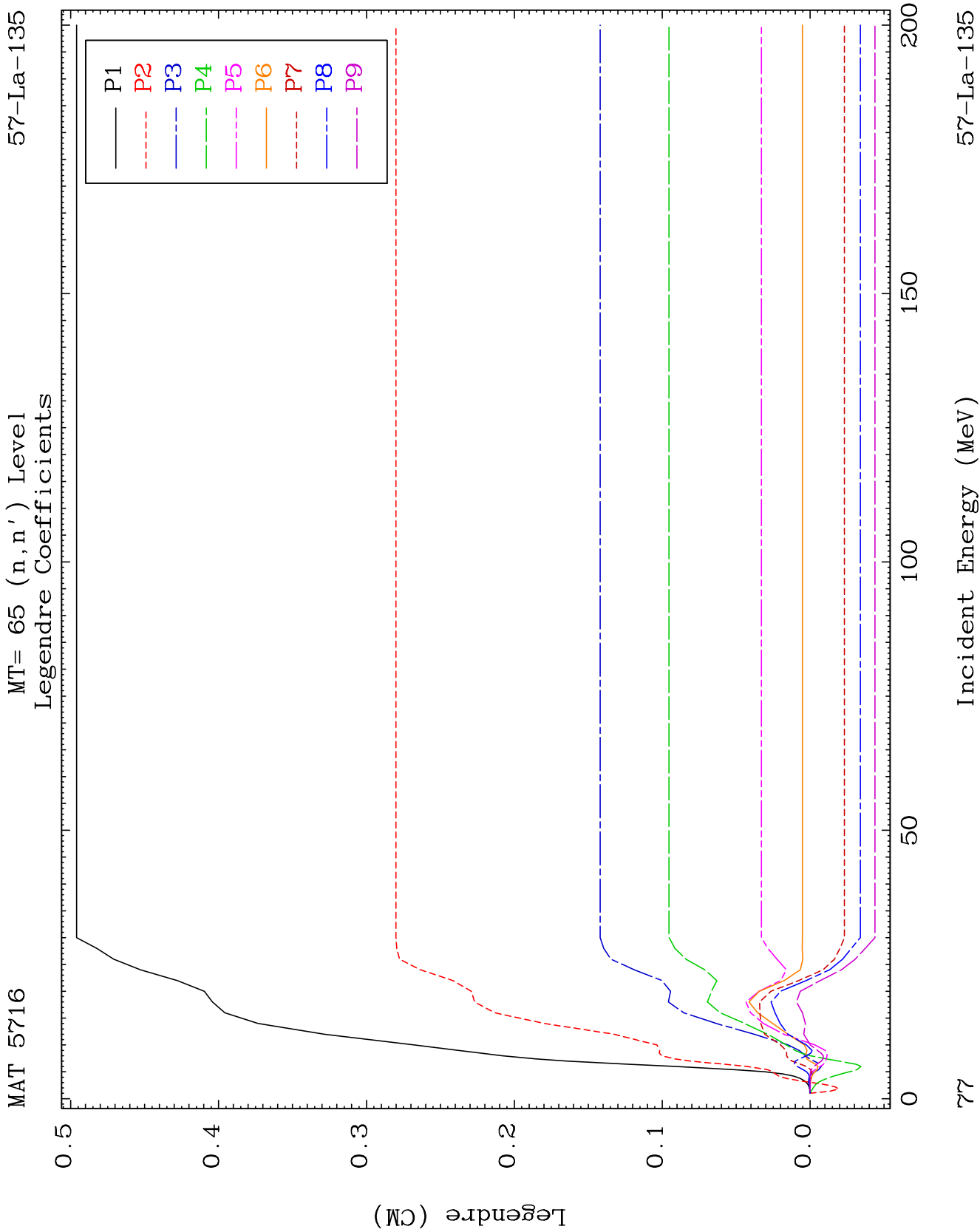
MAT 5716

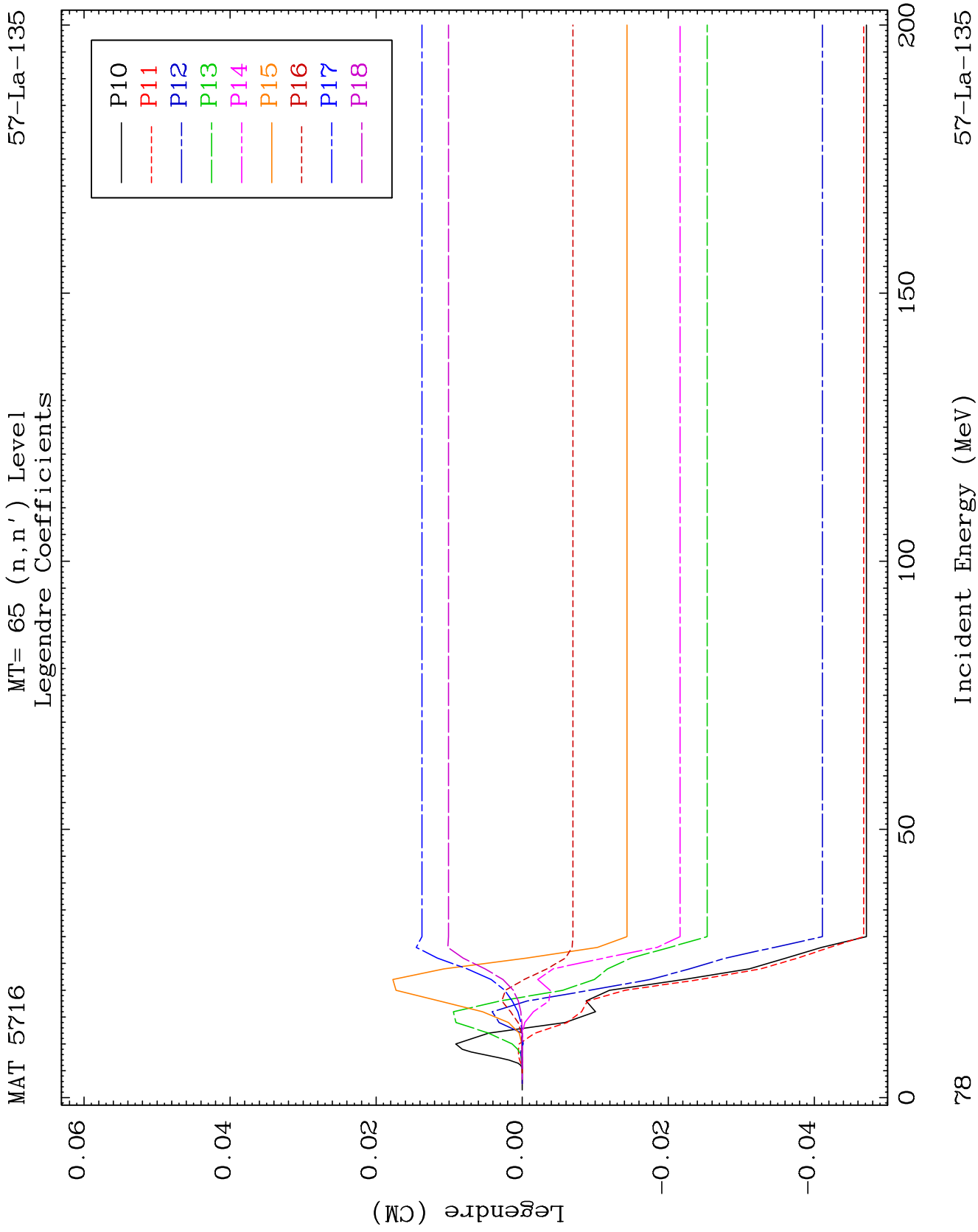
MT= 64 (n, n') Level
Legendre Coefficients

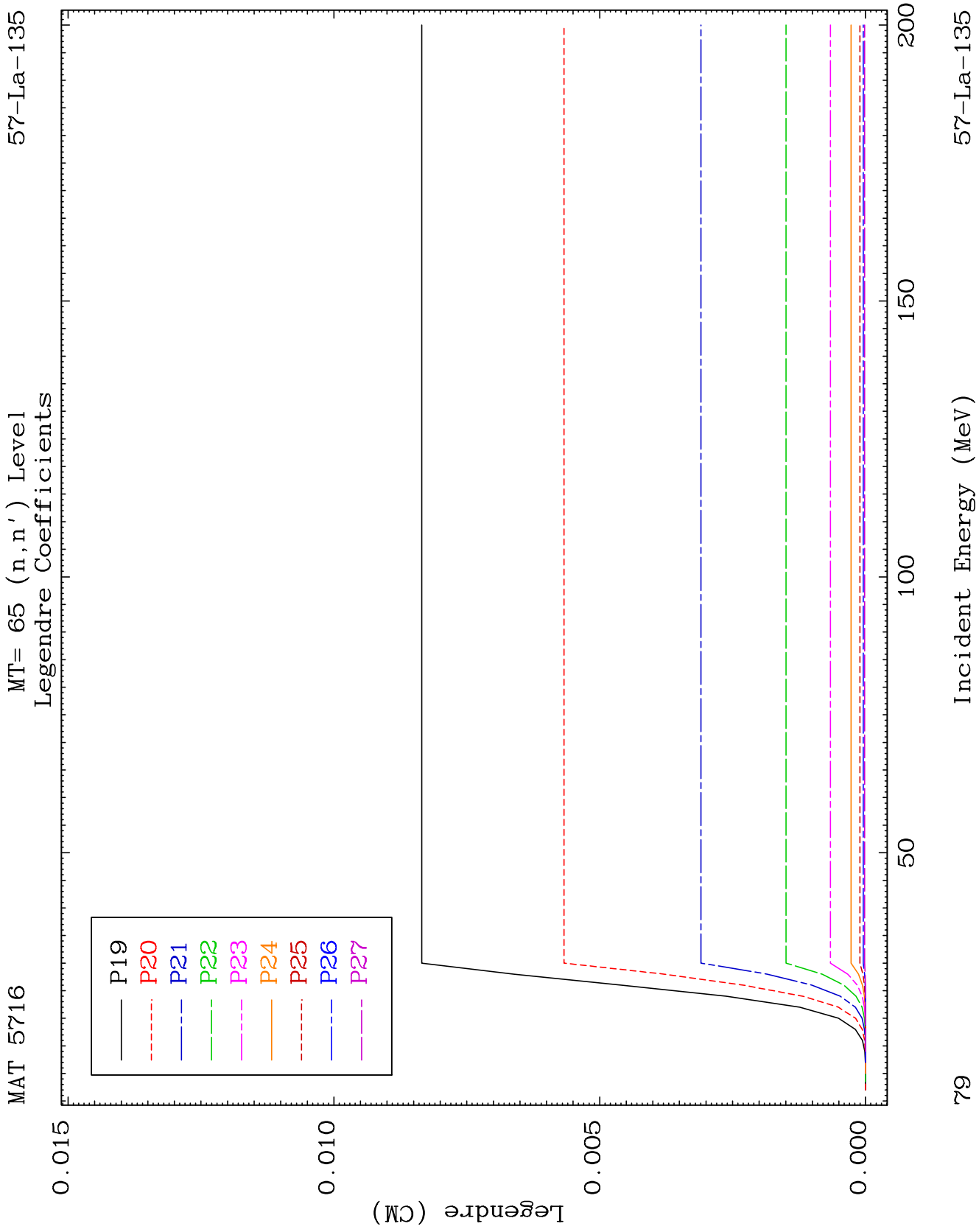
57-La-135







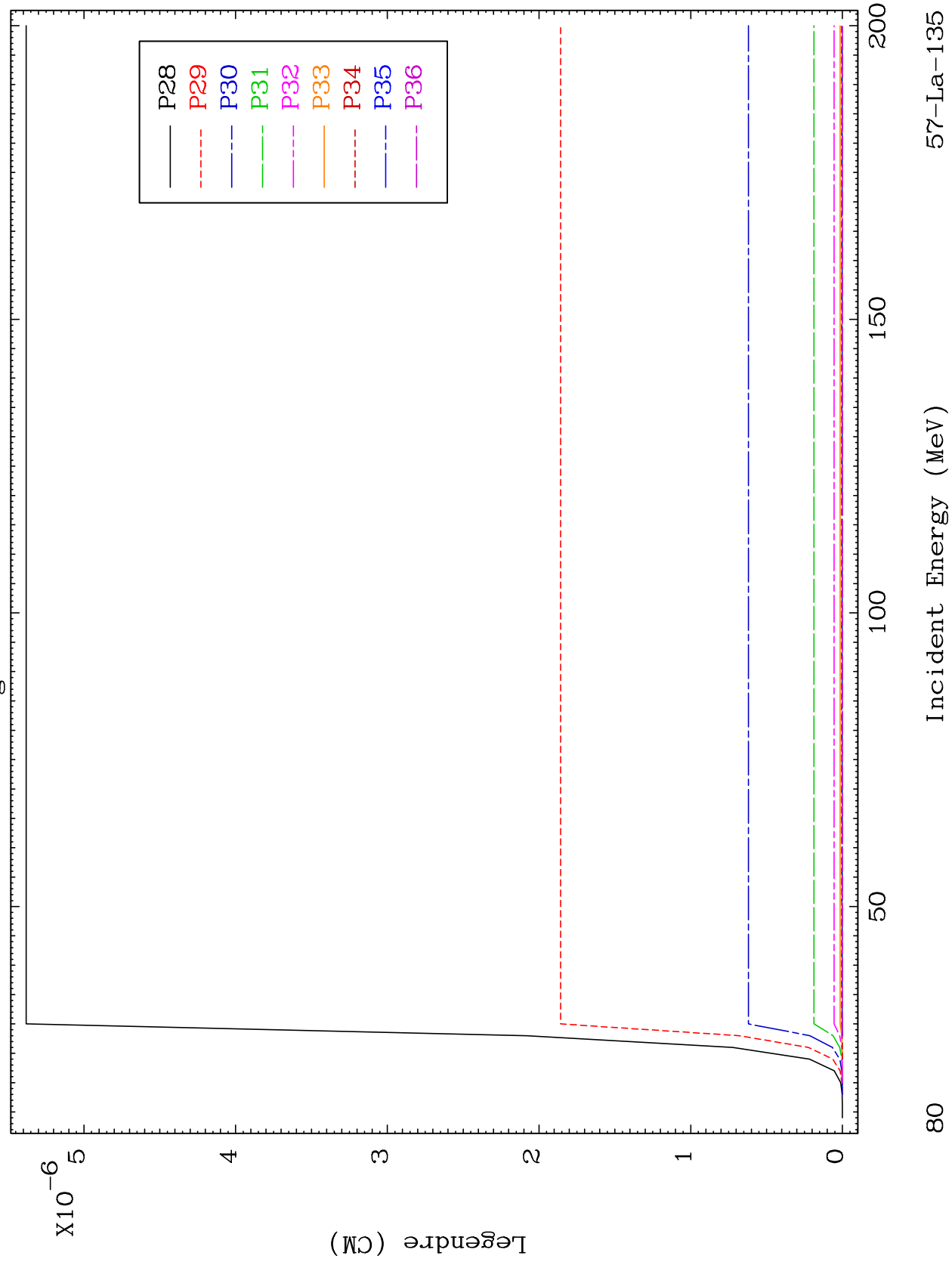


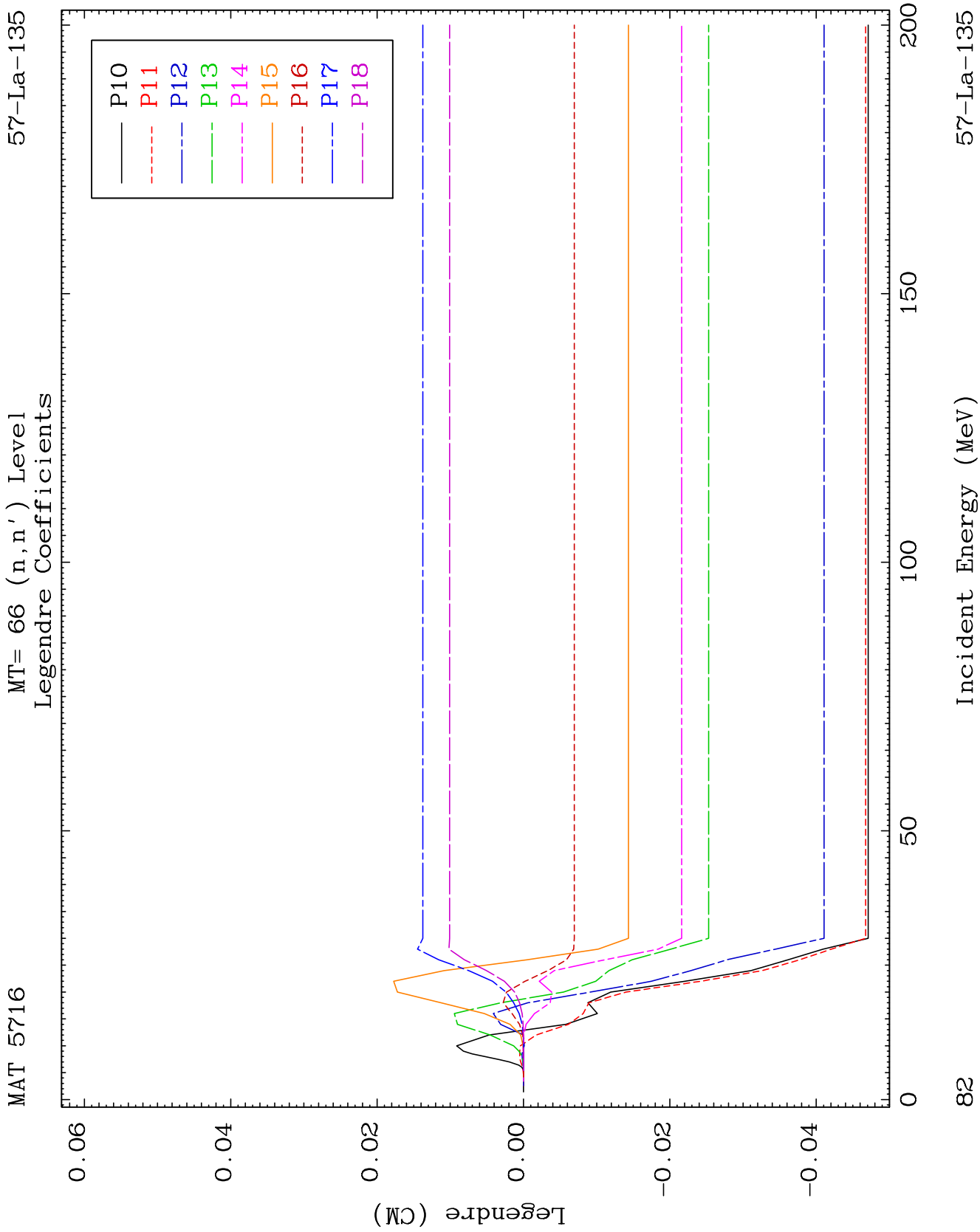


MAT 5716

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

57-La-135

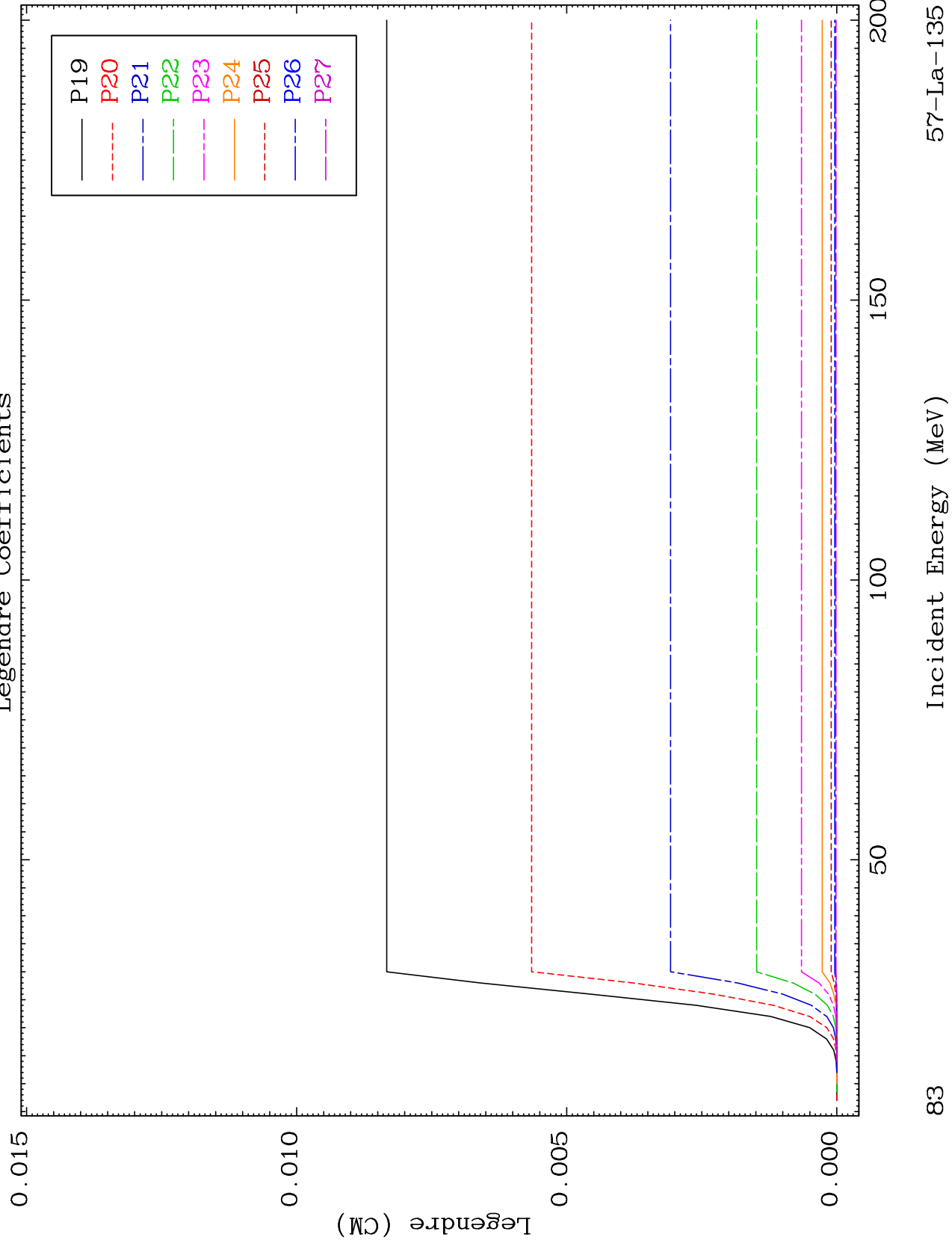


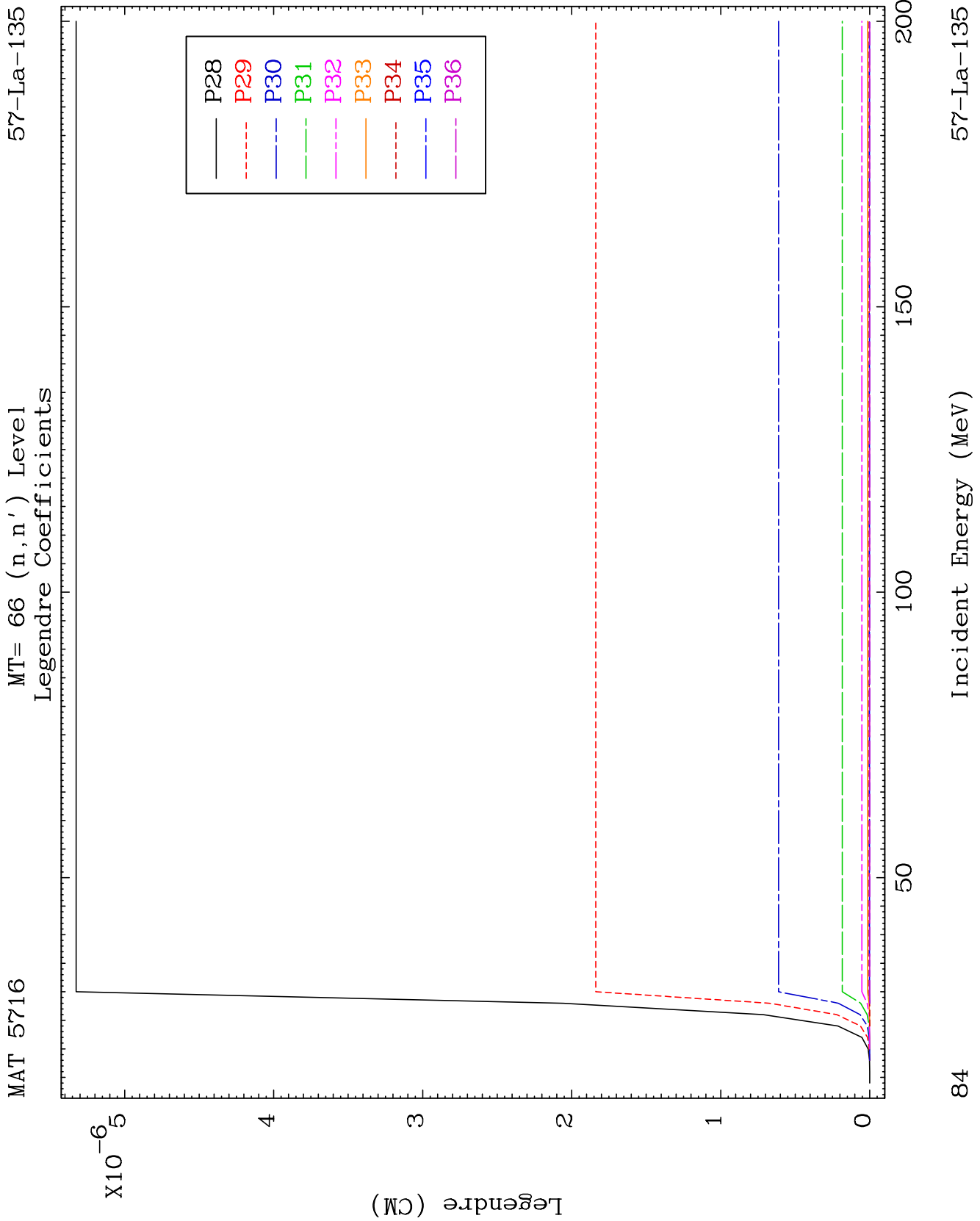


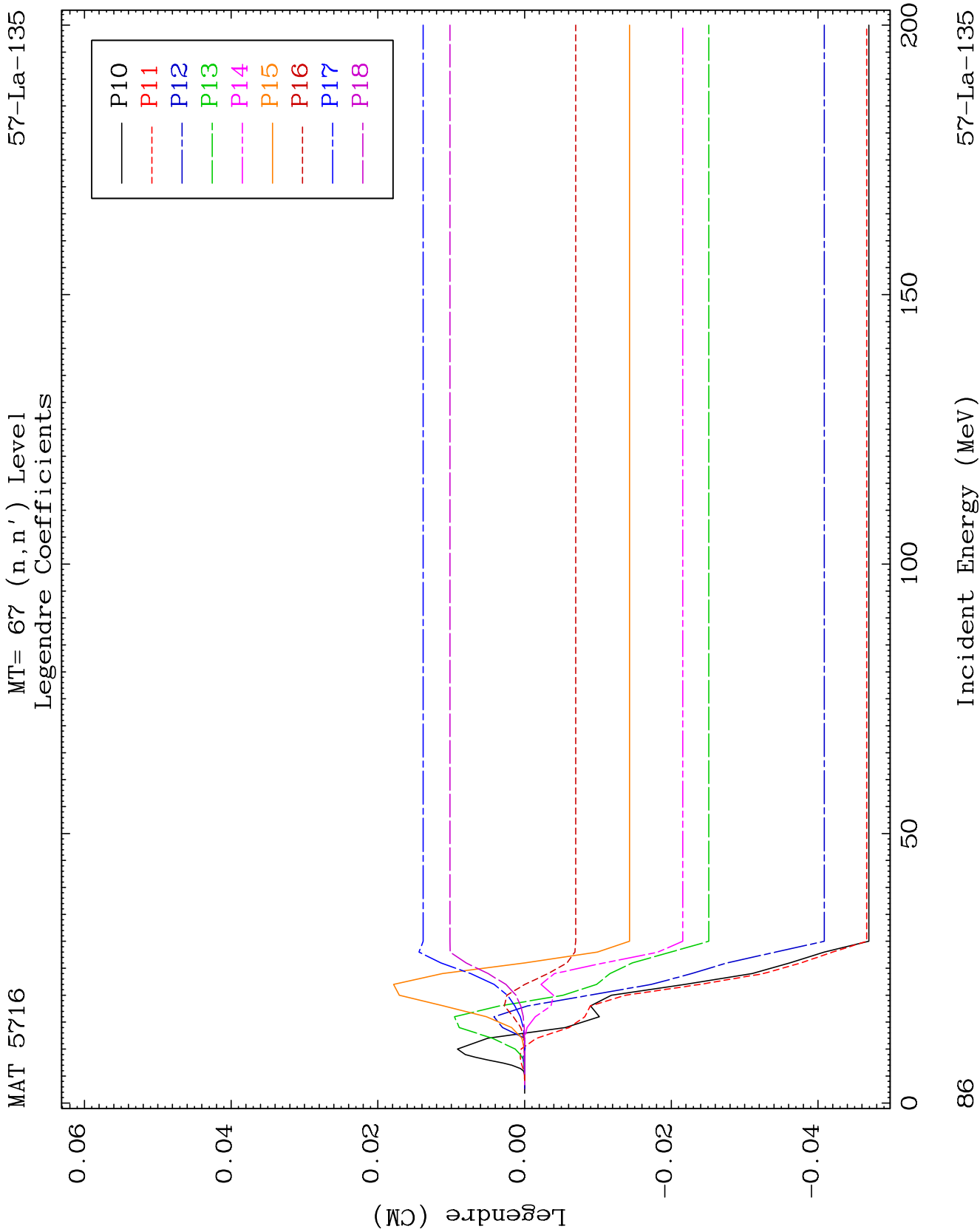
MAT 5716

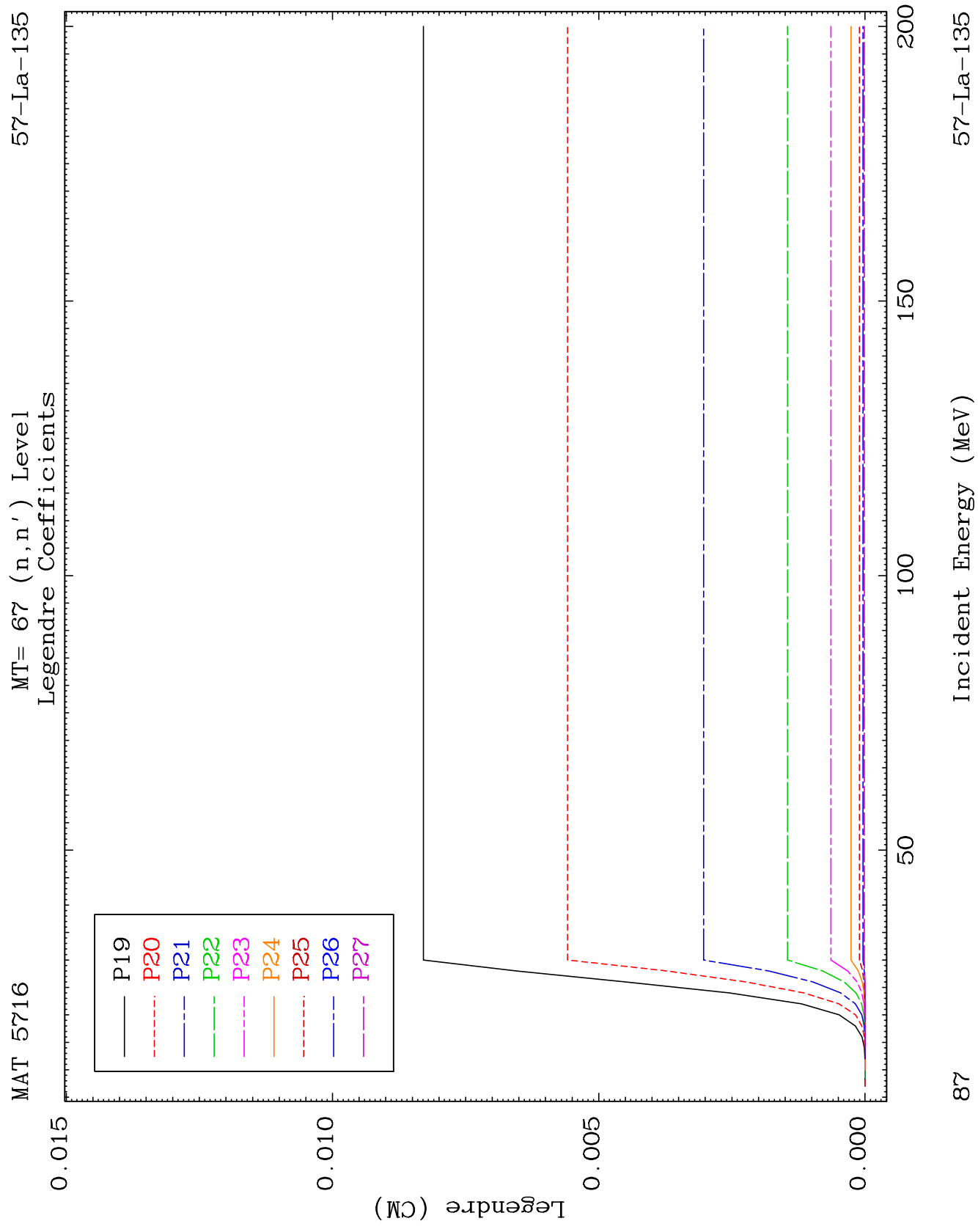
MT= 66 (n, n') Level
Legendre Coefficients

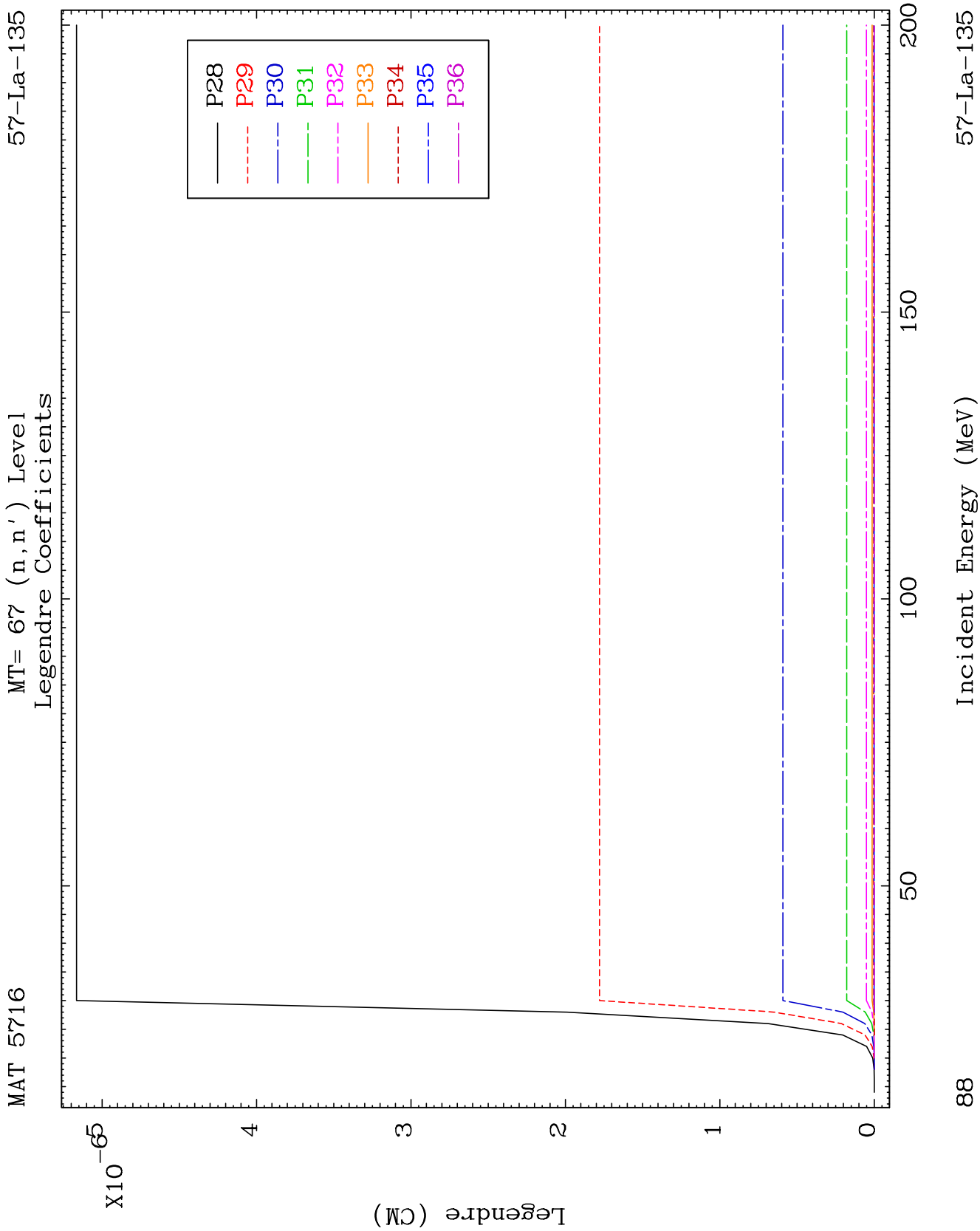
57-La-135

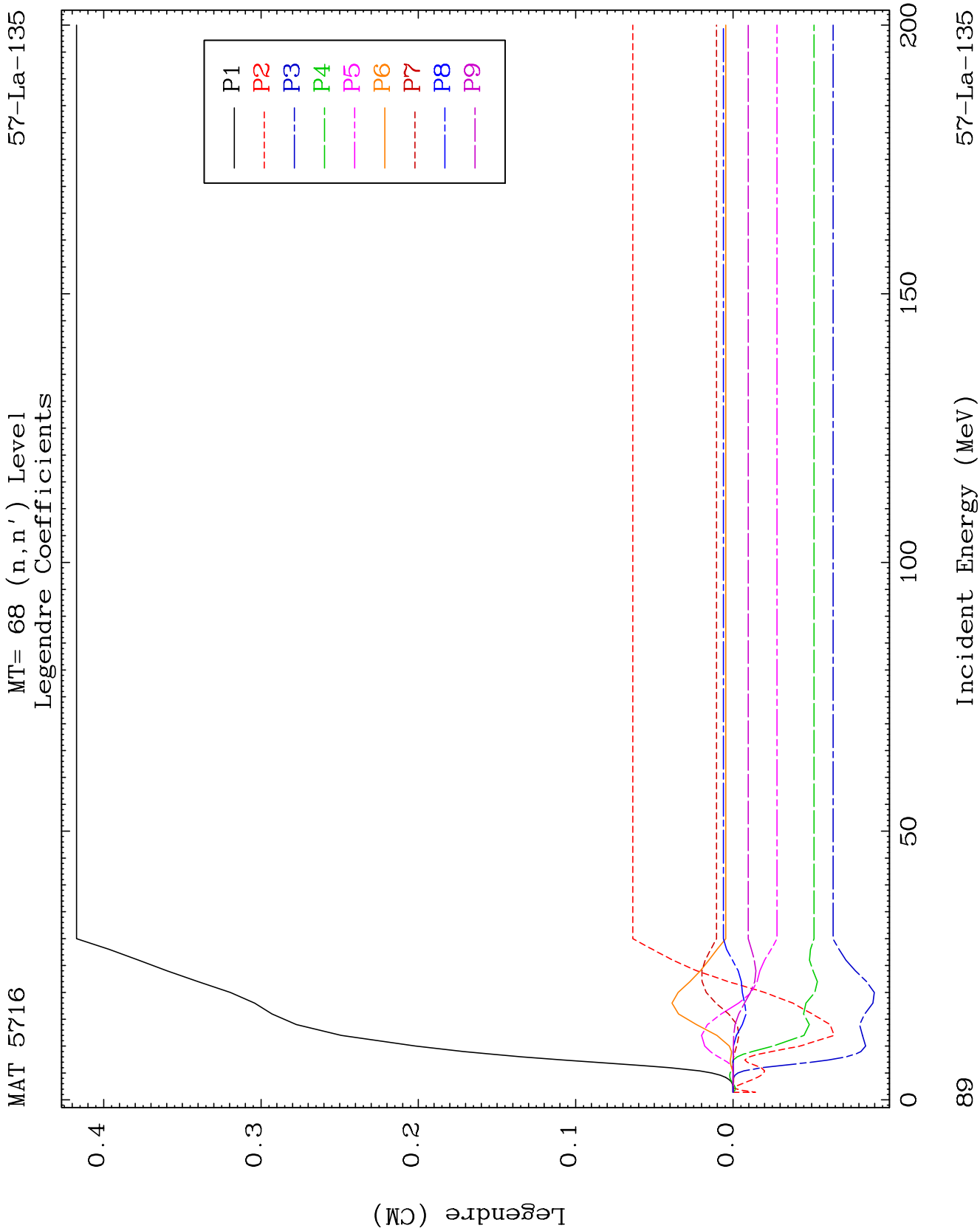








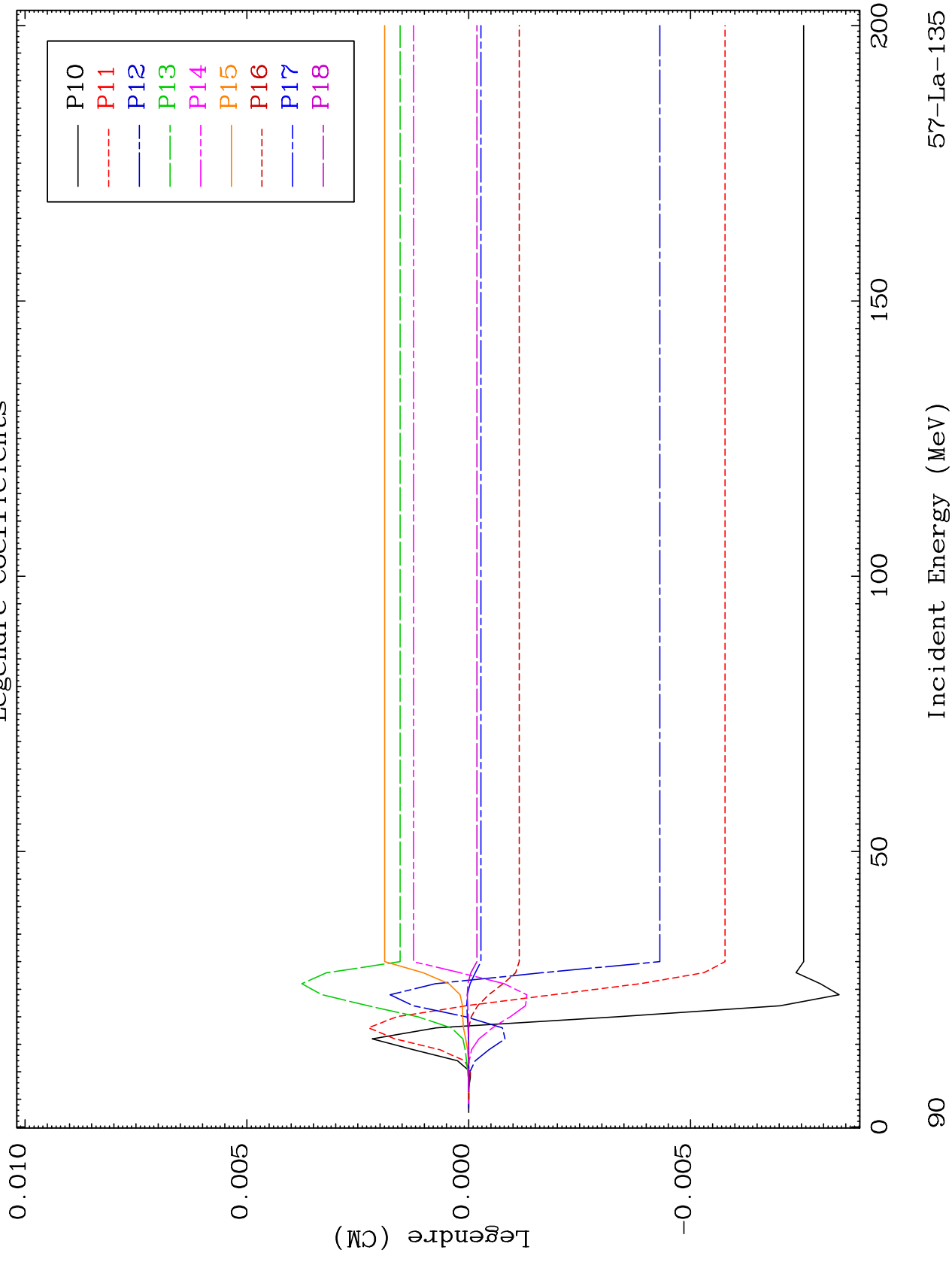


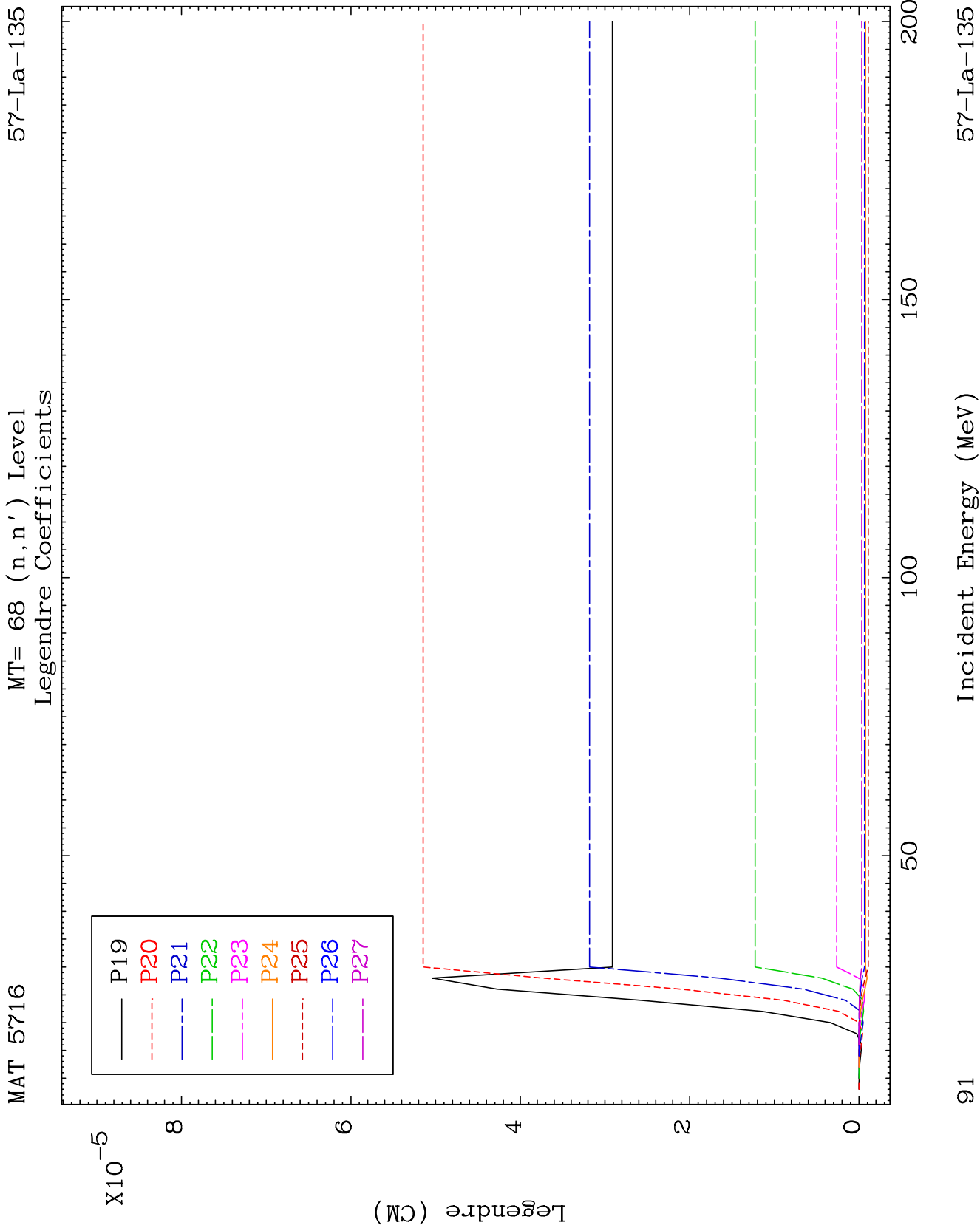


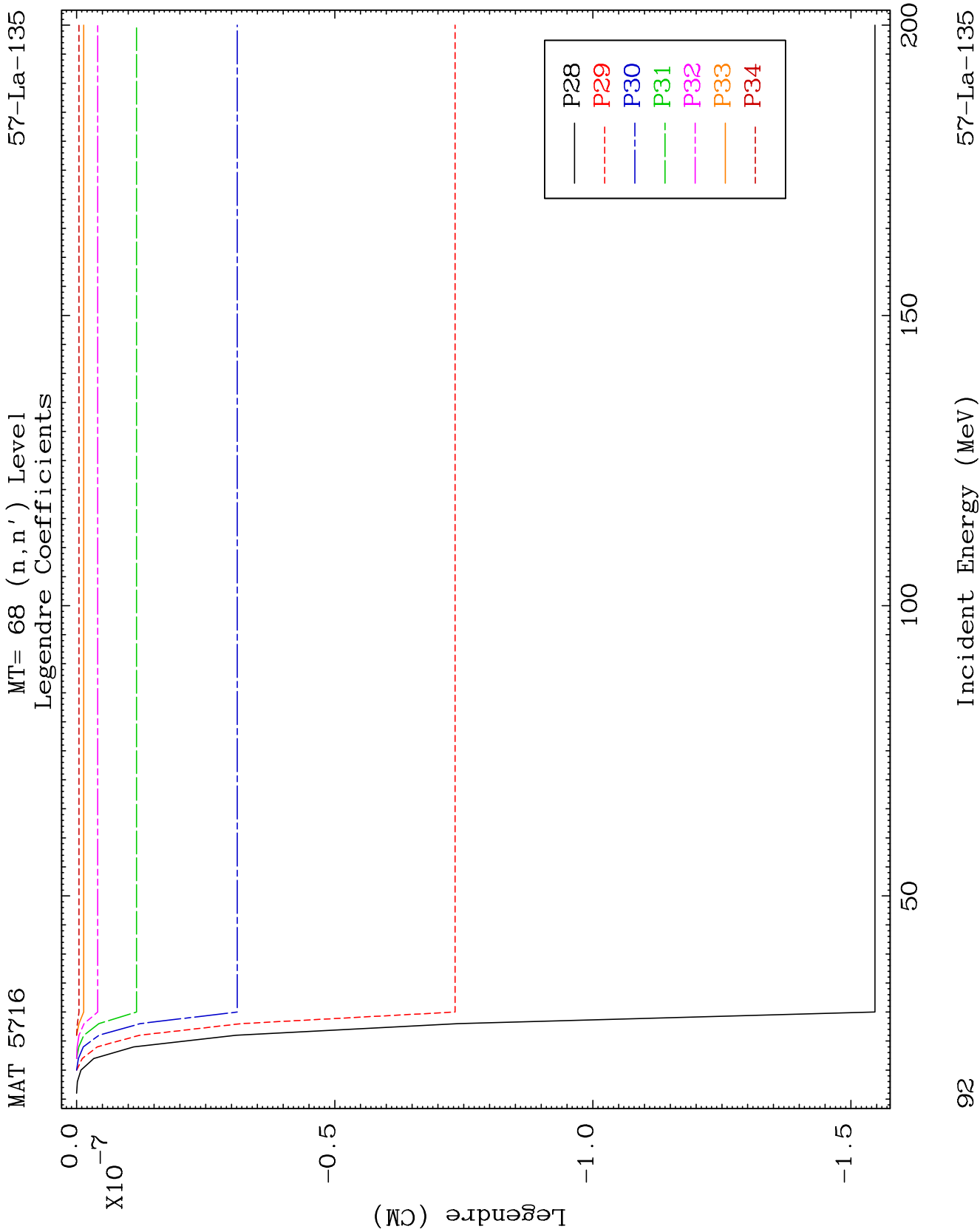
MAT 5716

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

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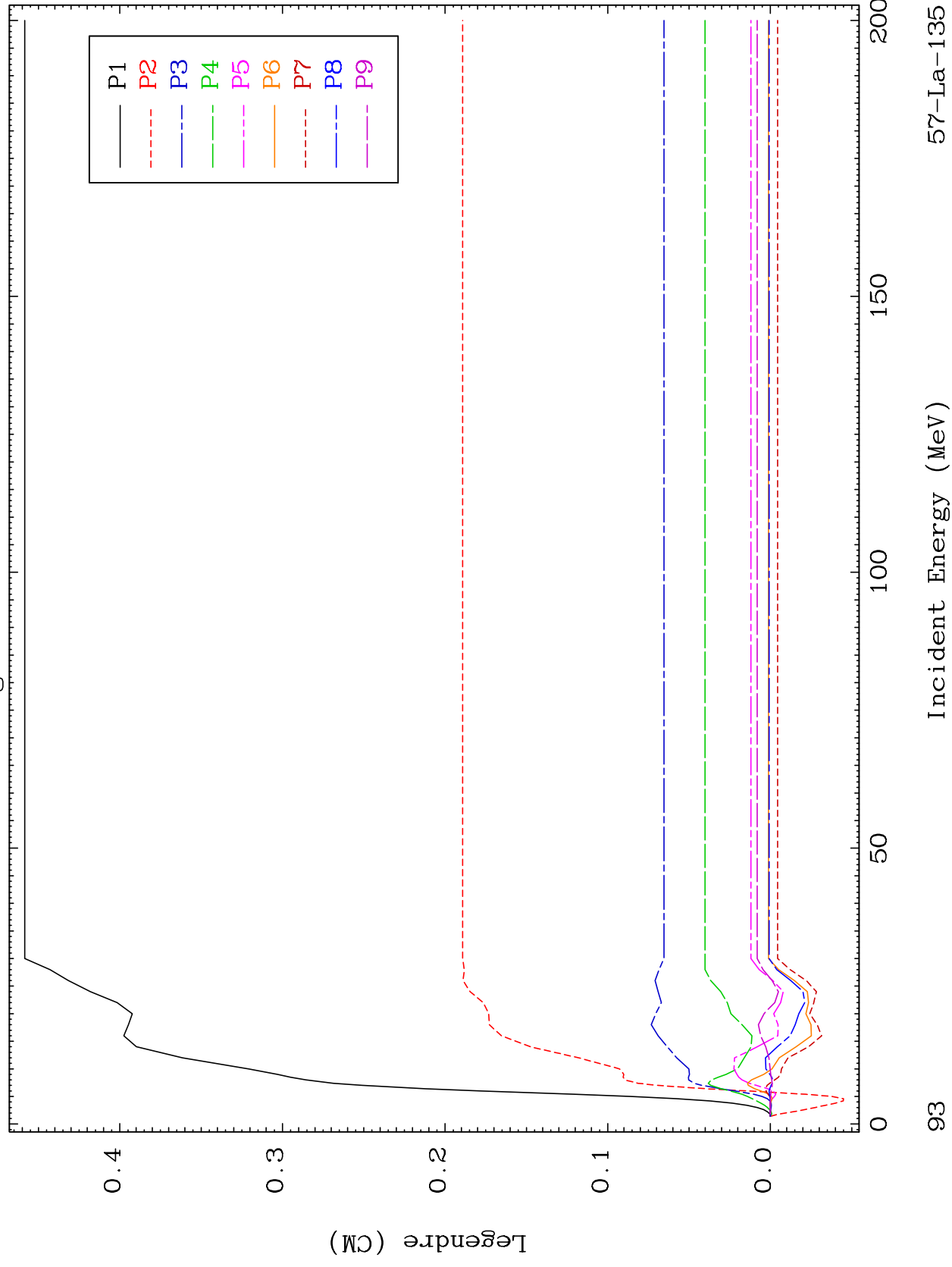


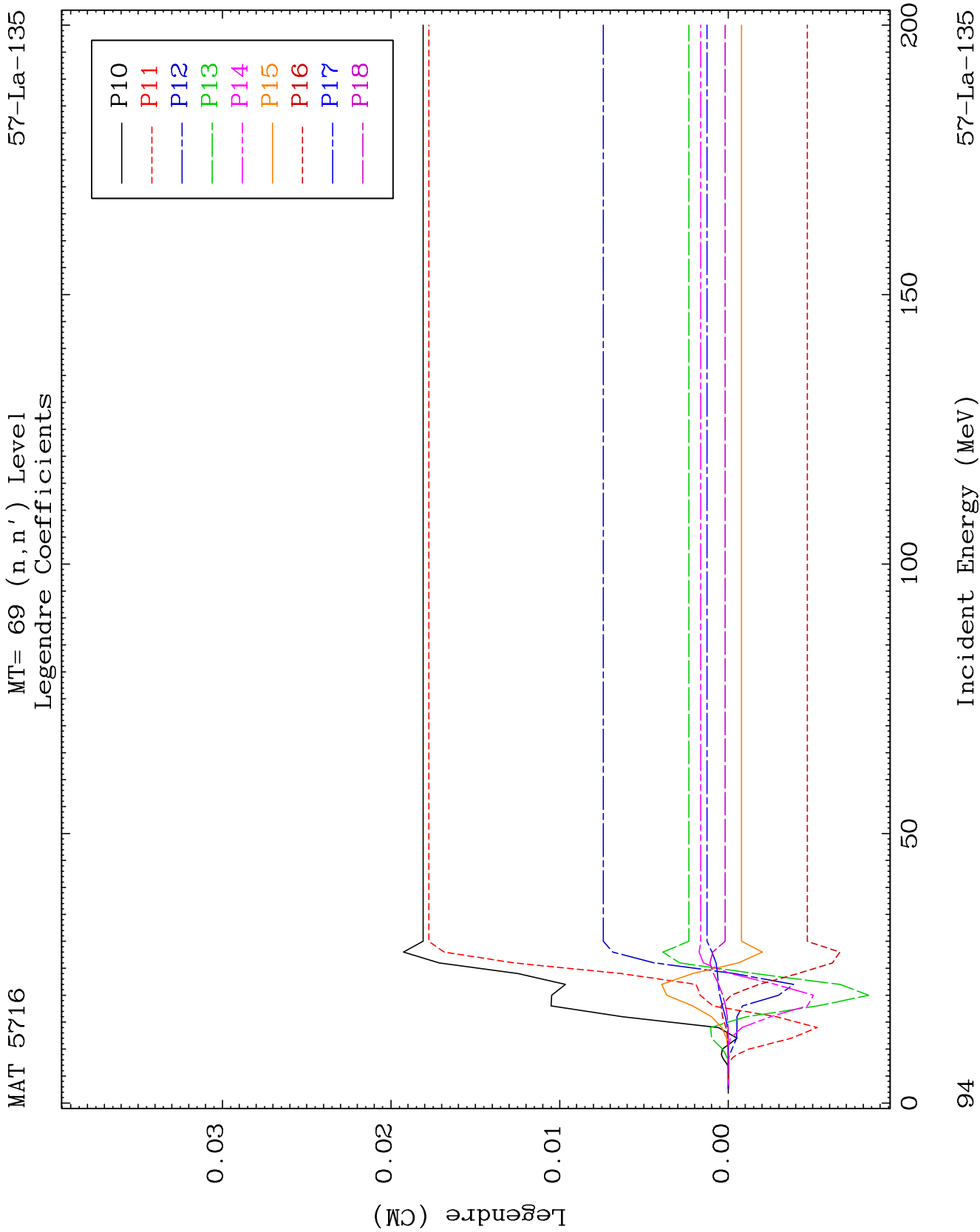


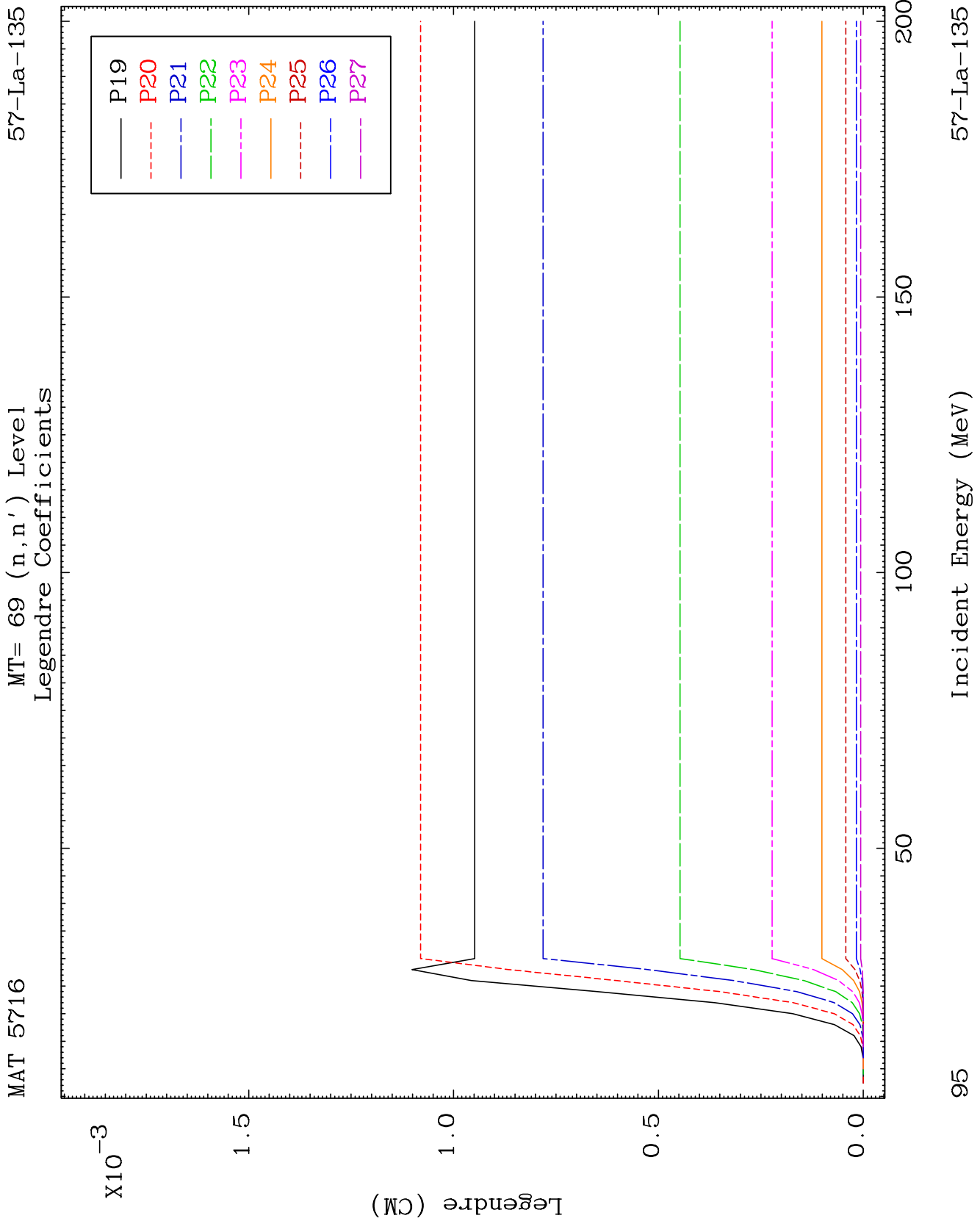
MAT 5716

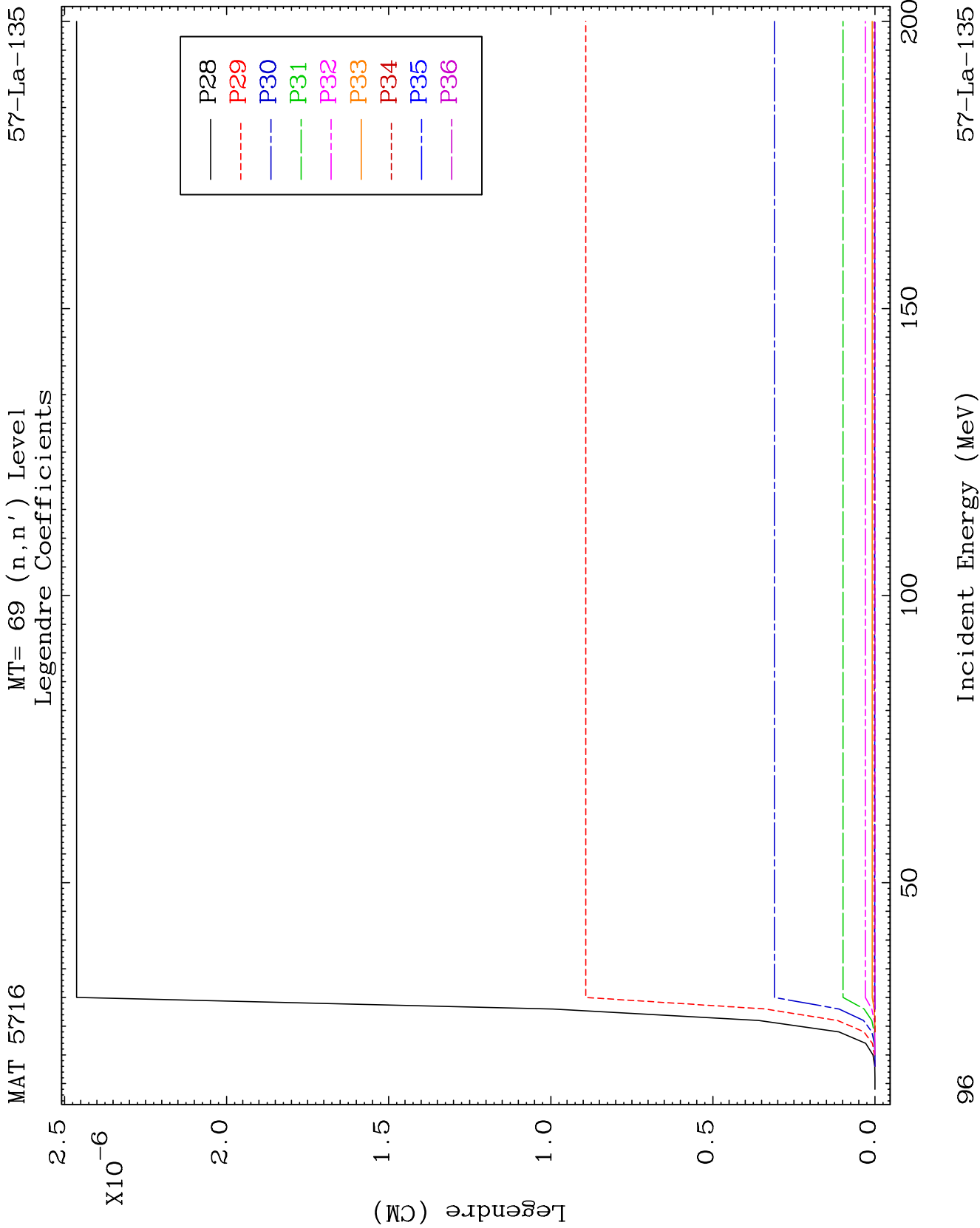
MT= 69 (n, n') Level
Legendre Coefficients

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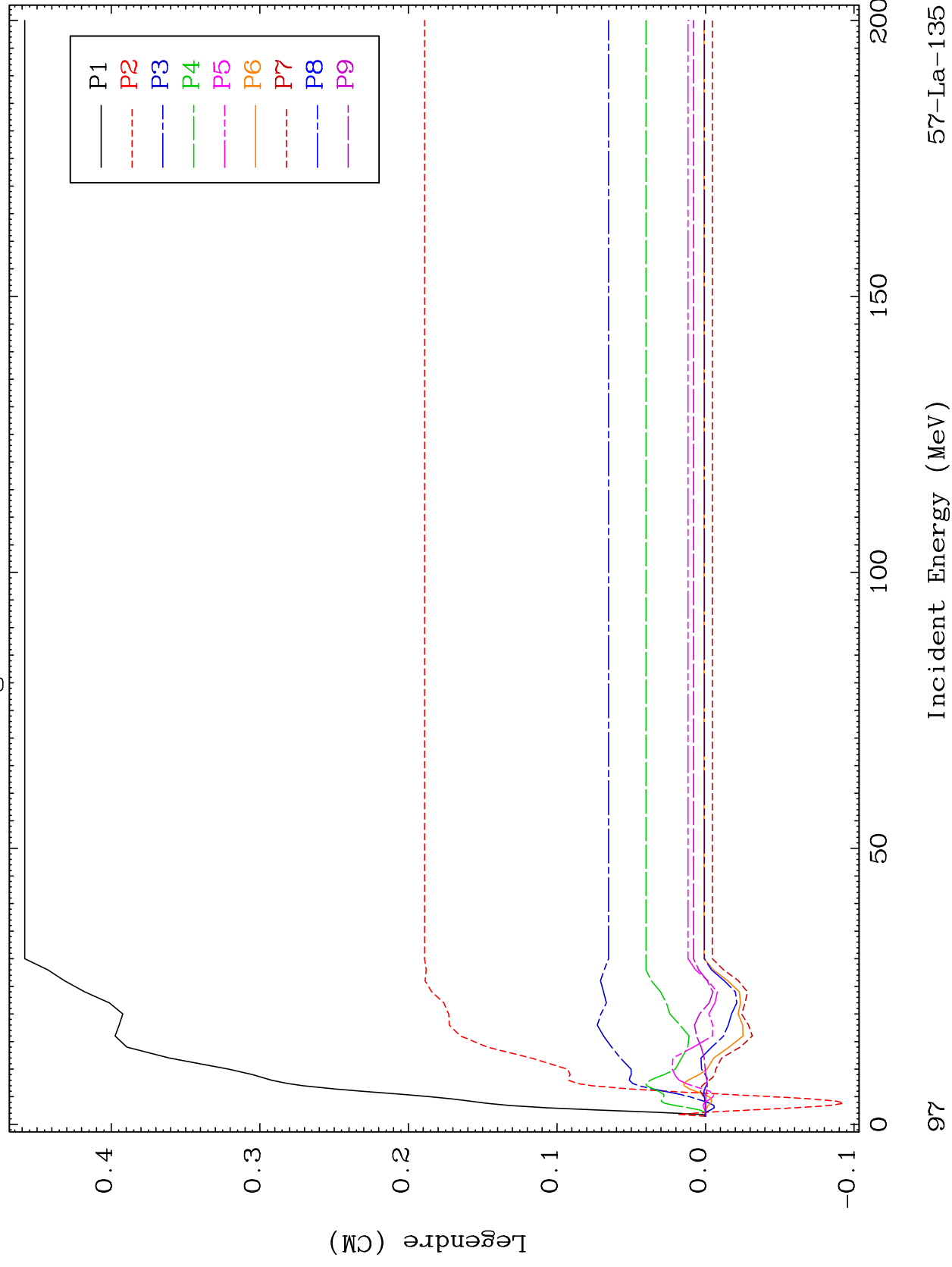




MAT 5716

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

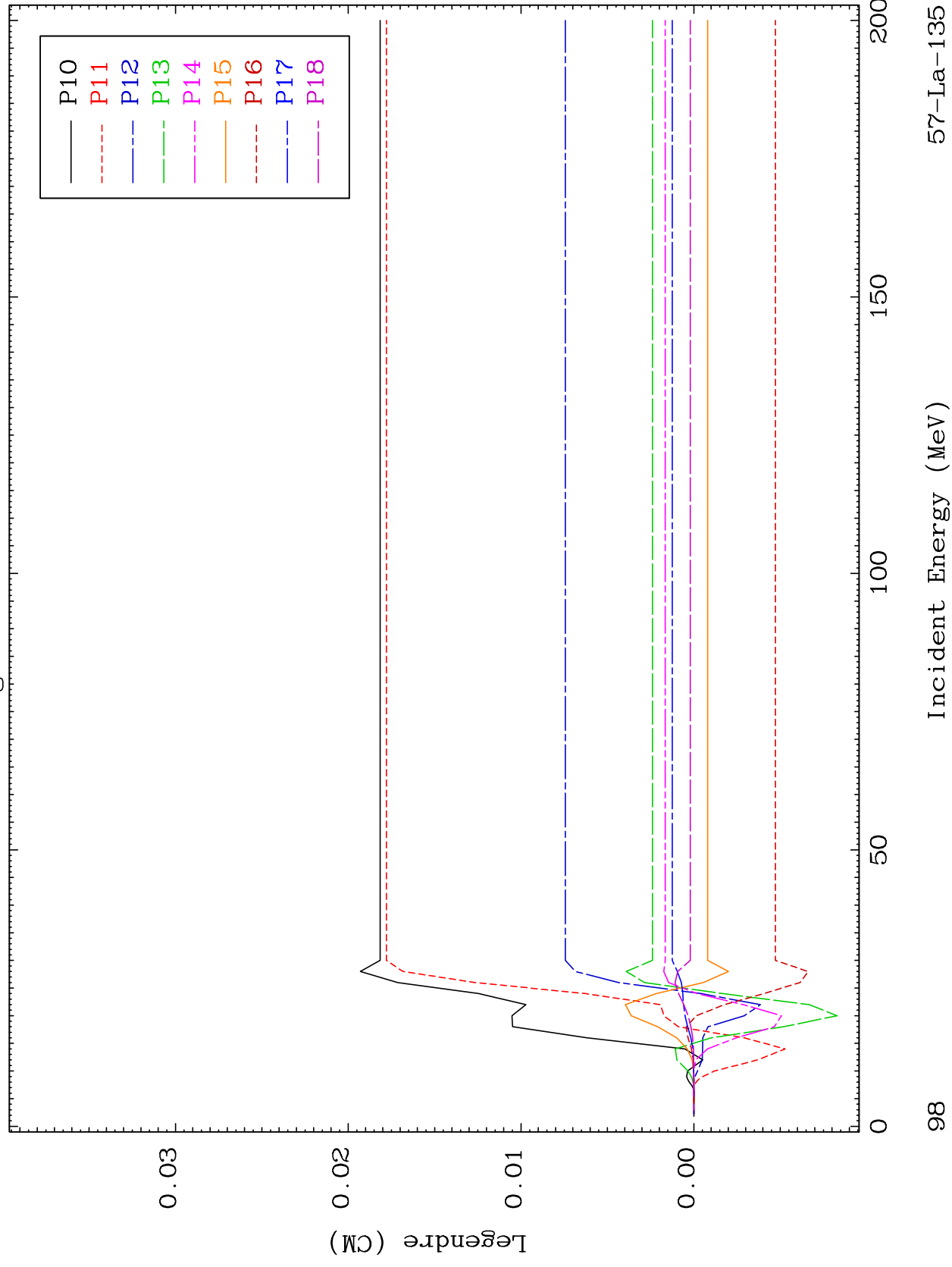
57-La-135

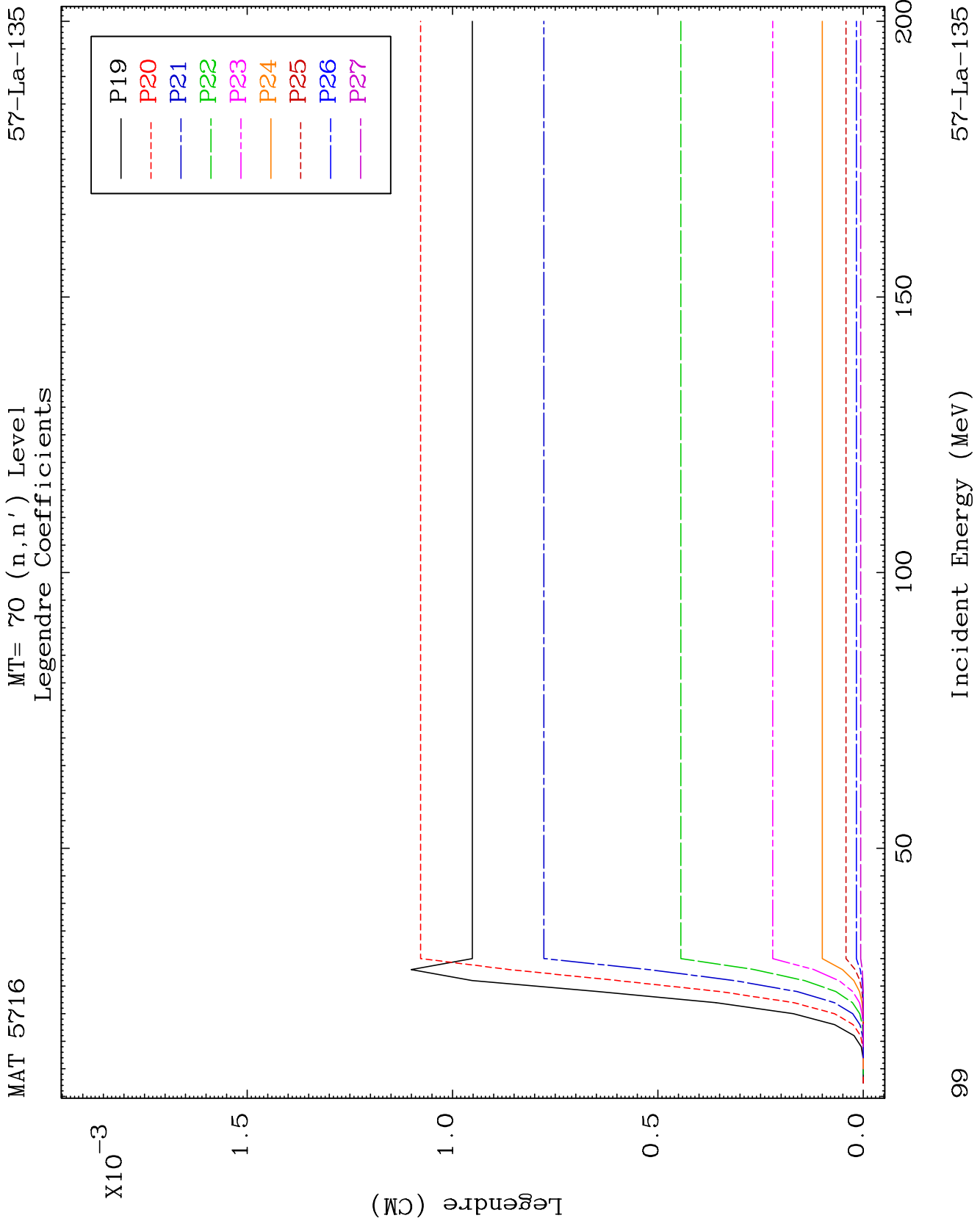


MAT 5716

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

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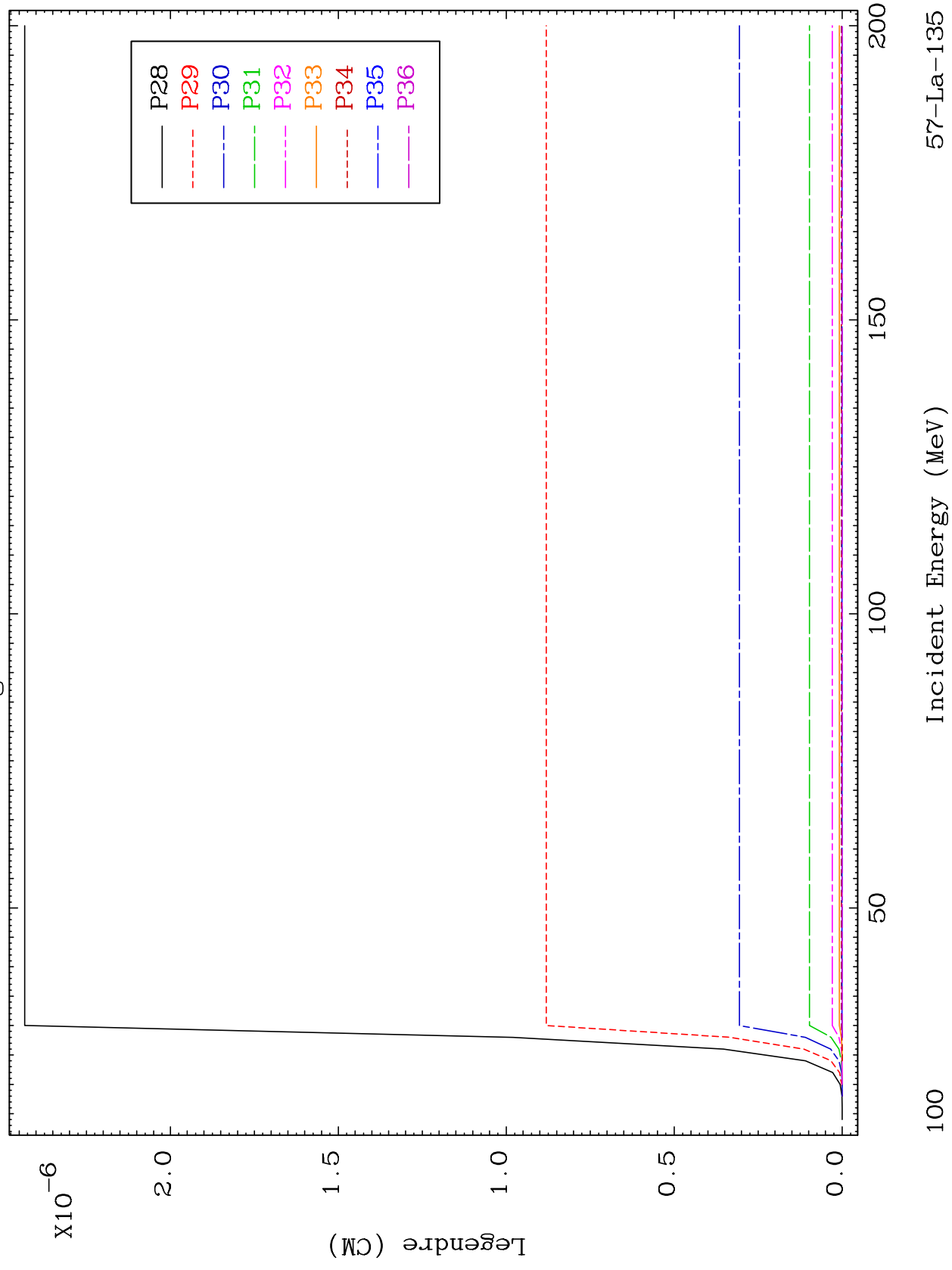




MAT 5716

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

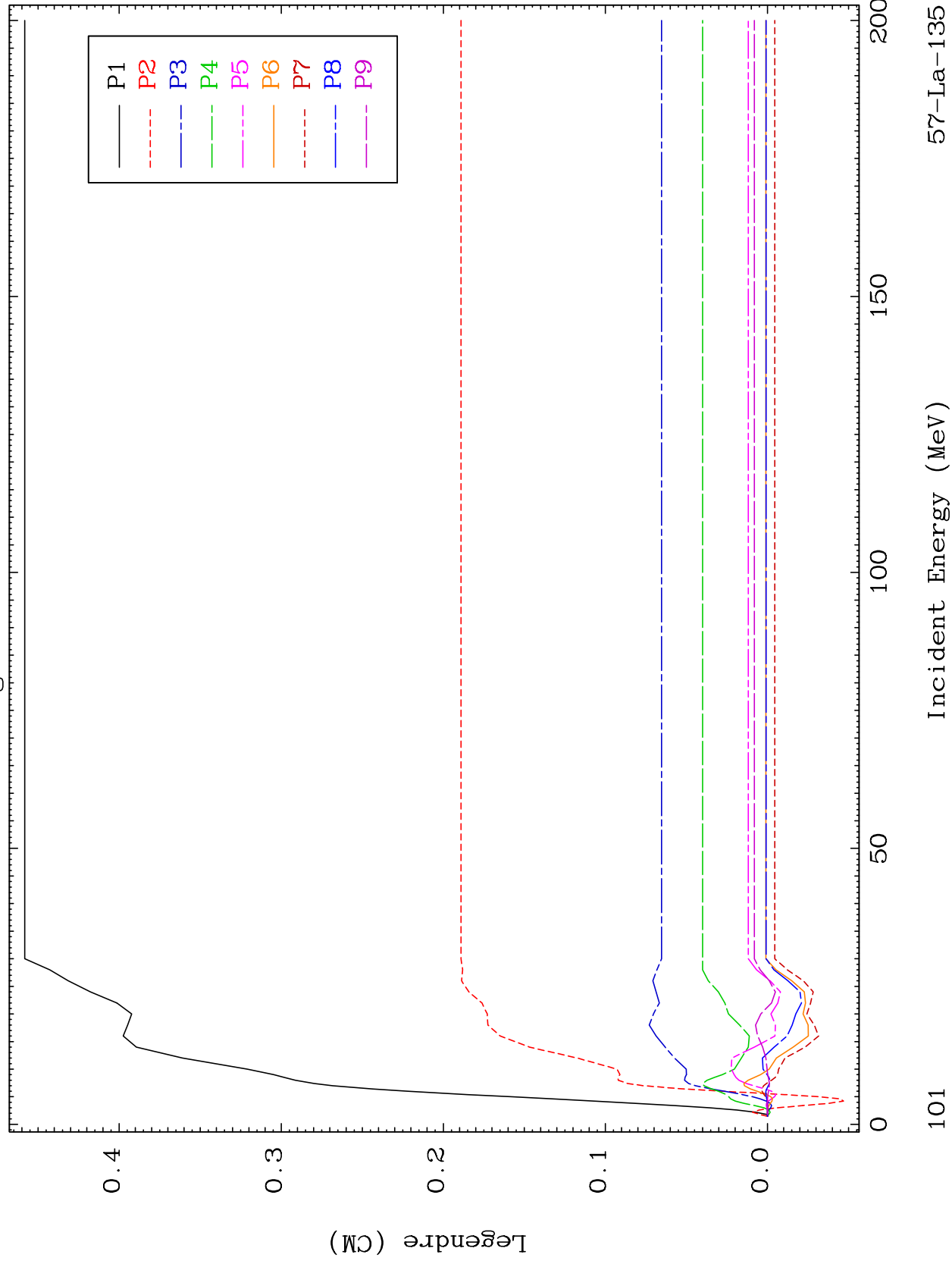
57-La-135

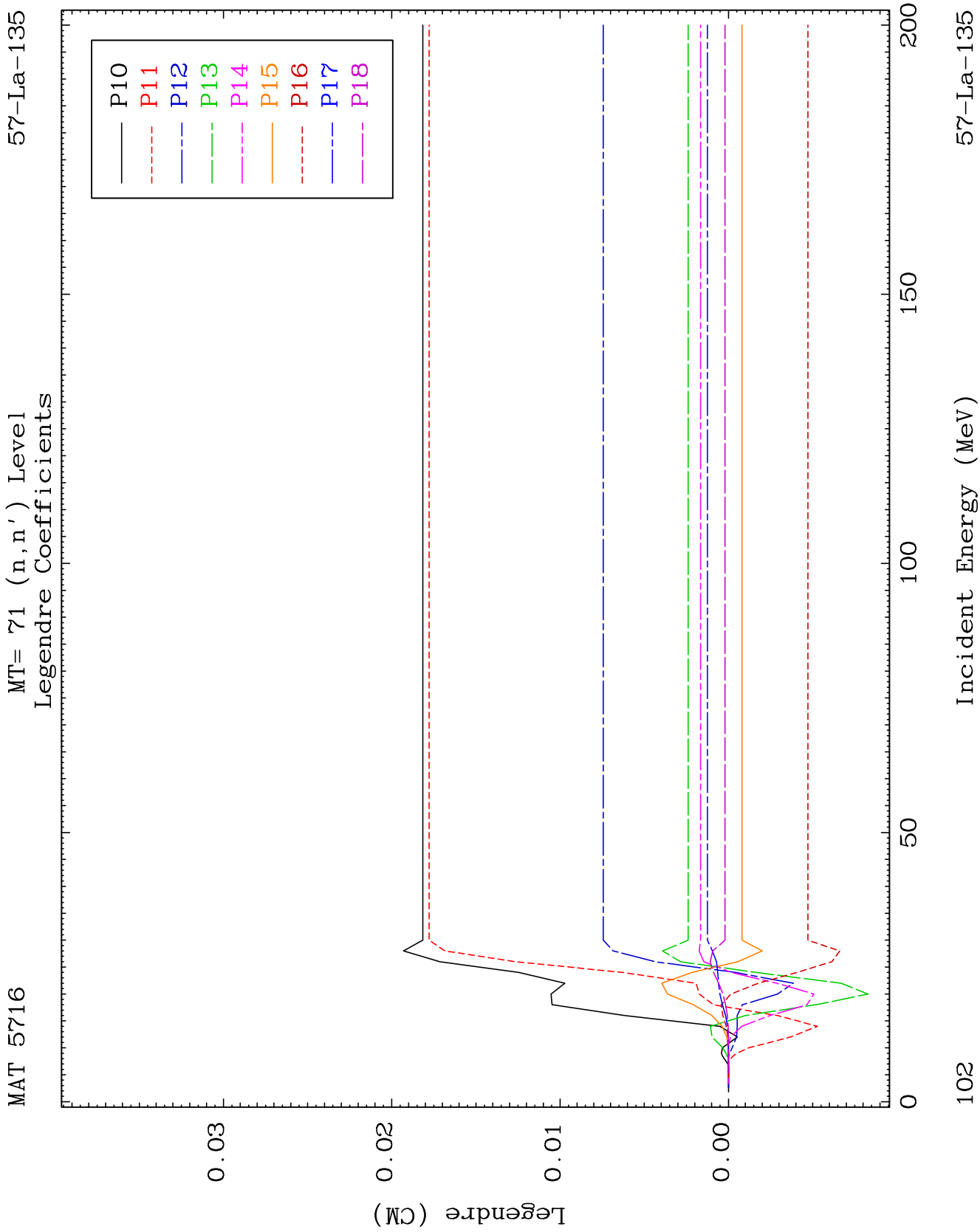


MAT 5716

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

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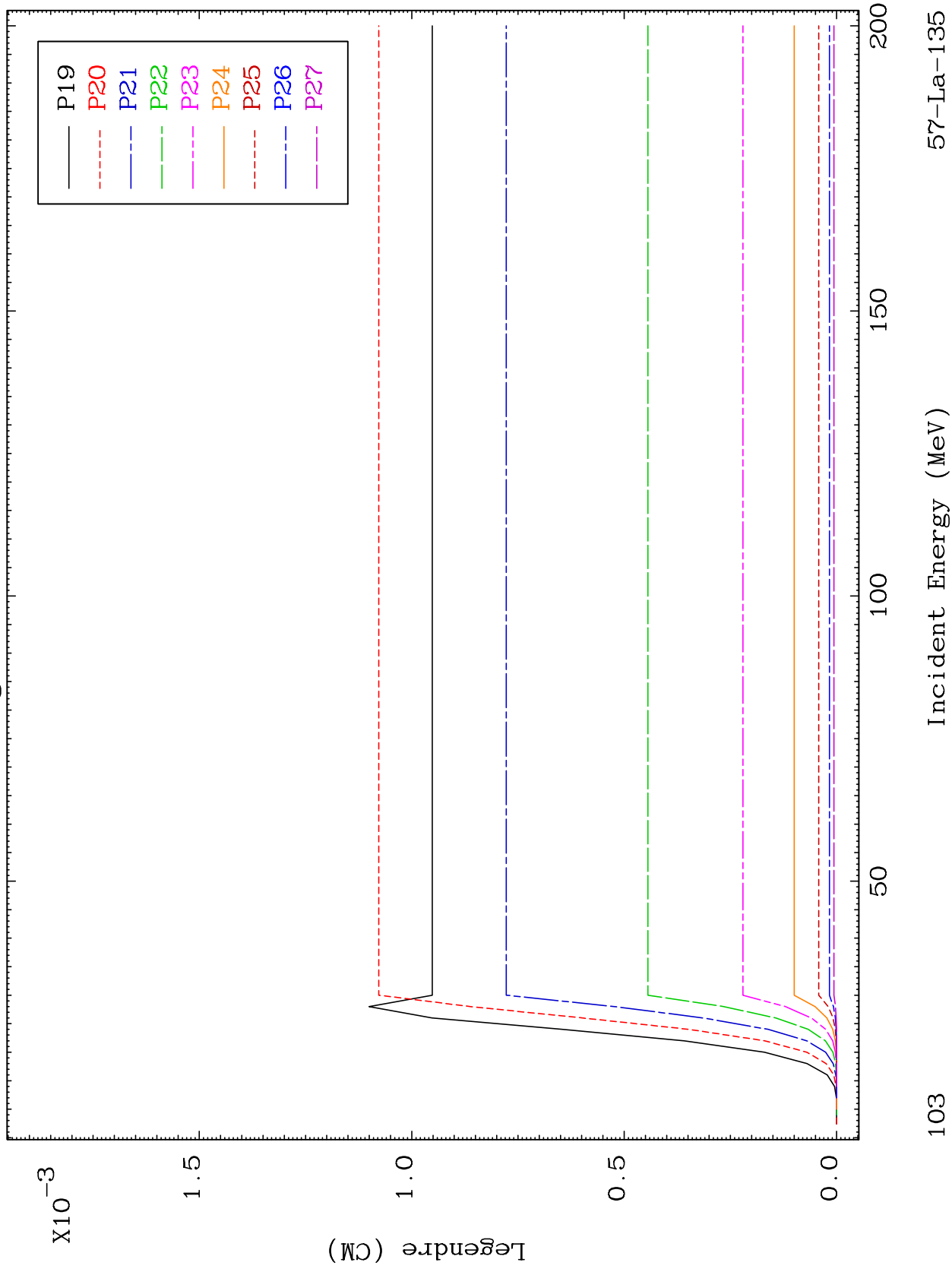




MAT 5716

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

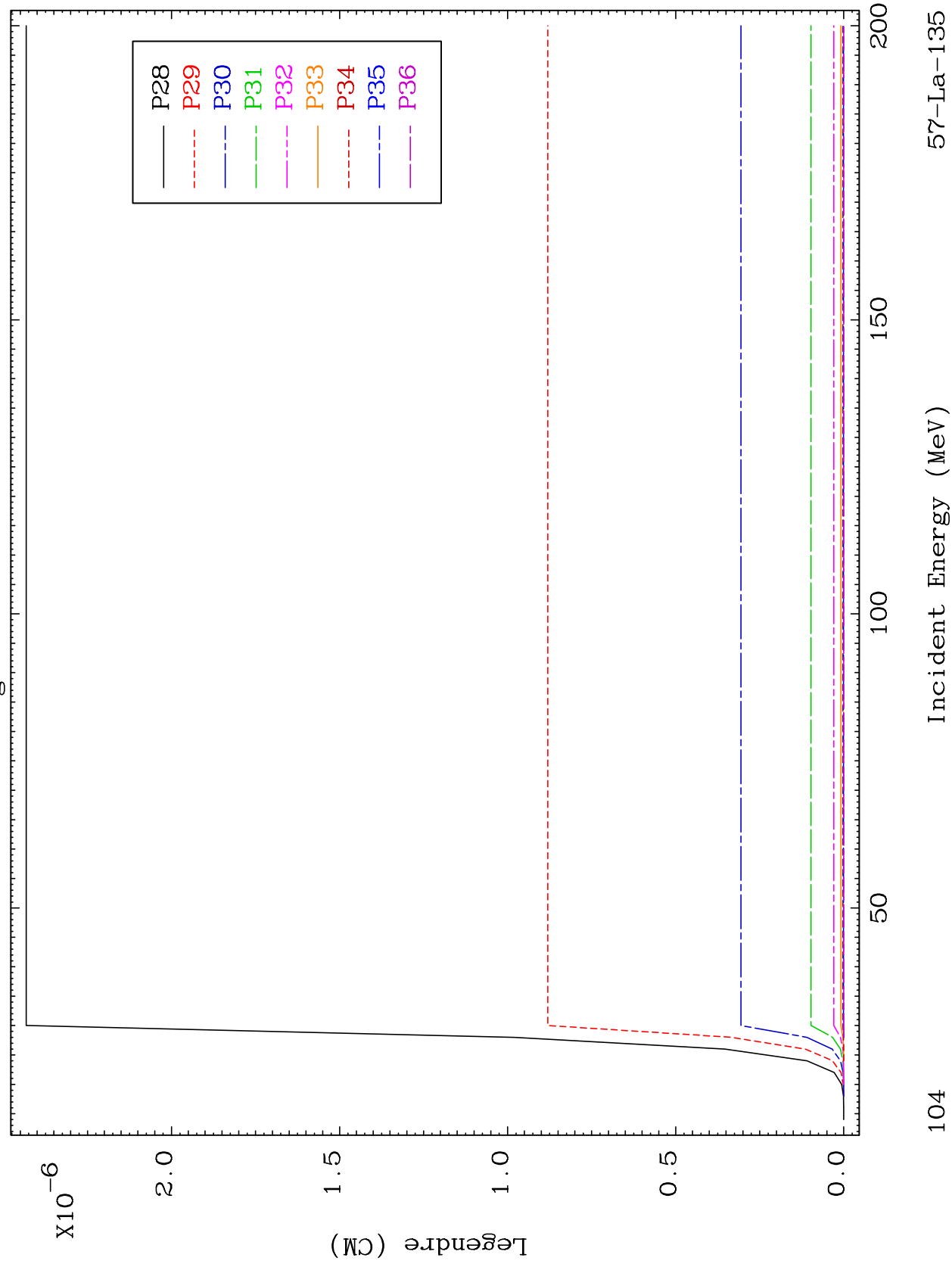
57-La-135

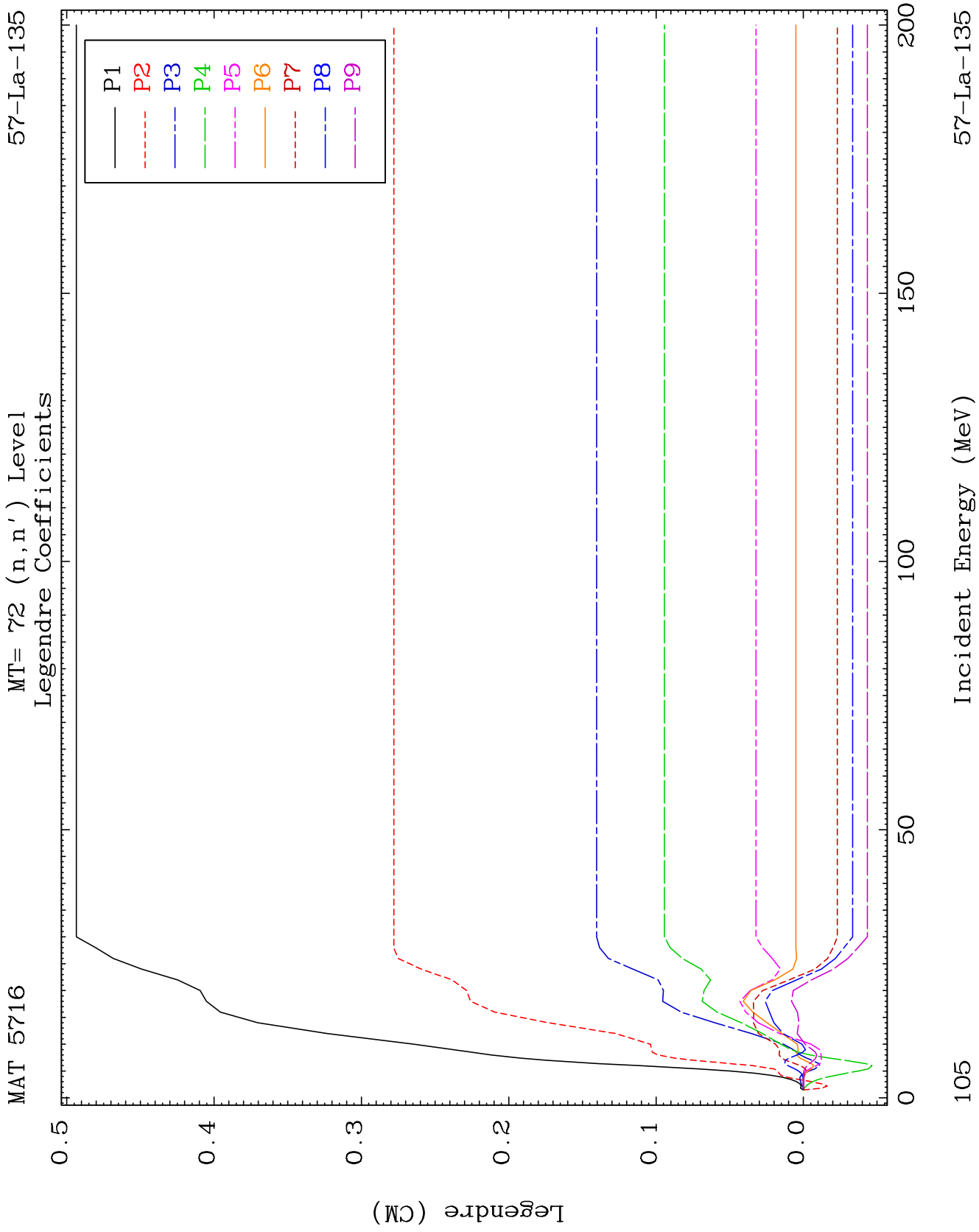


MAT 5716

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

57-La-135

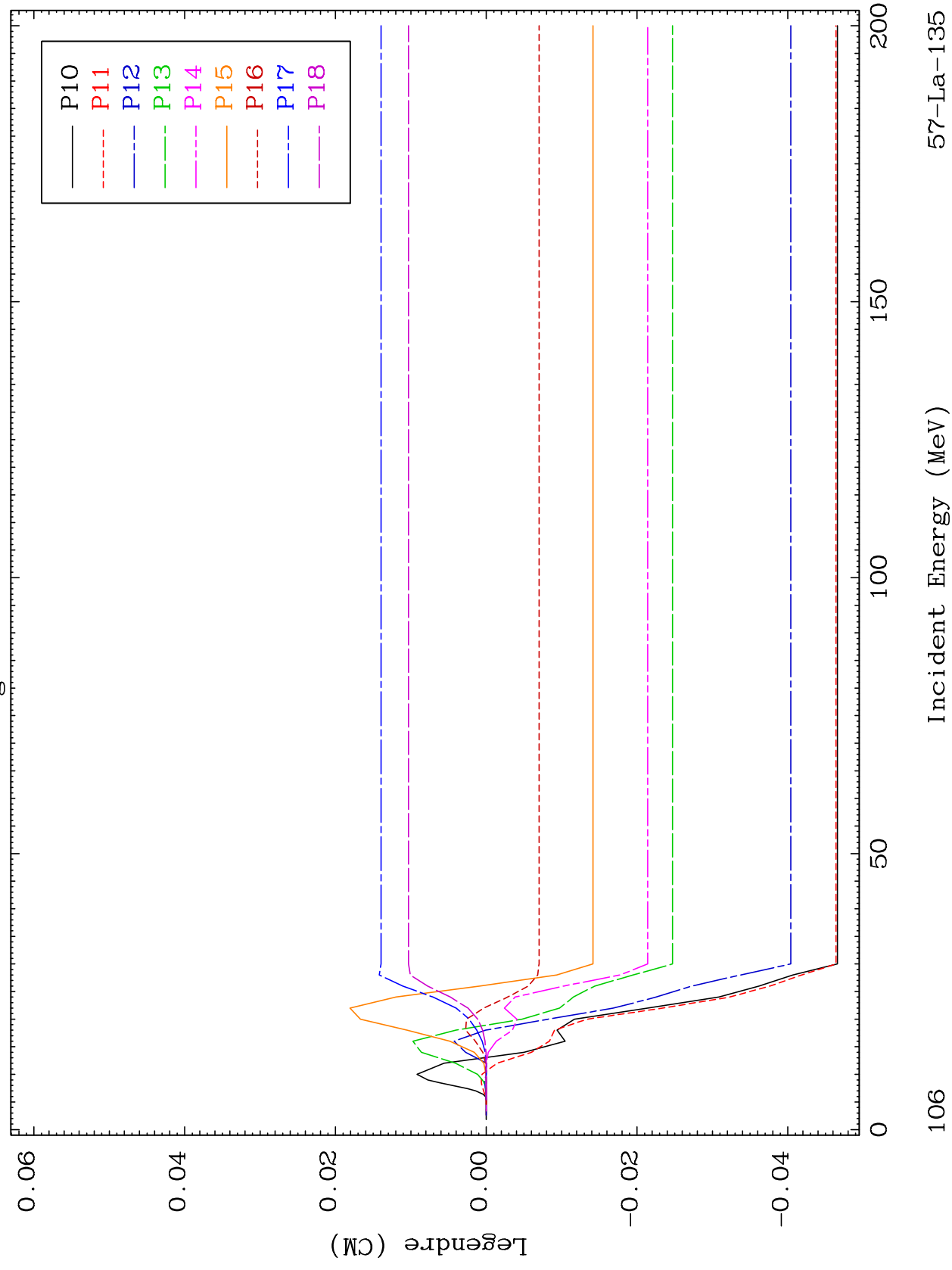




MAT 5716

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

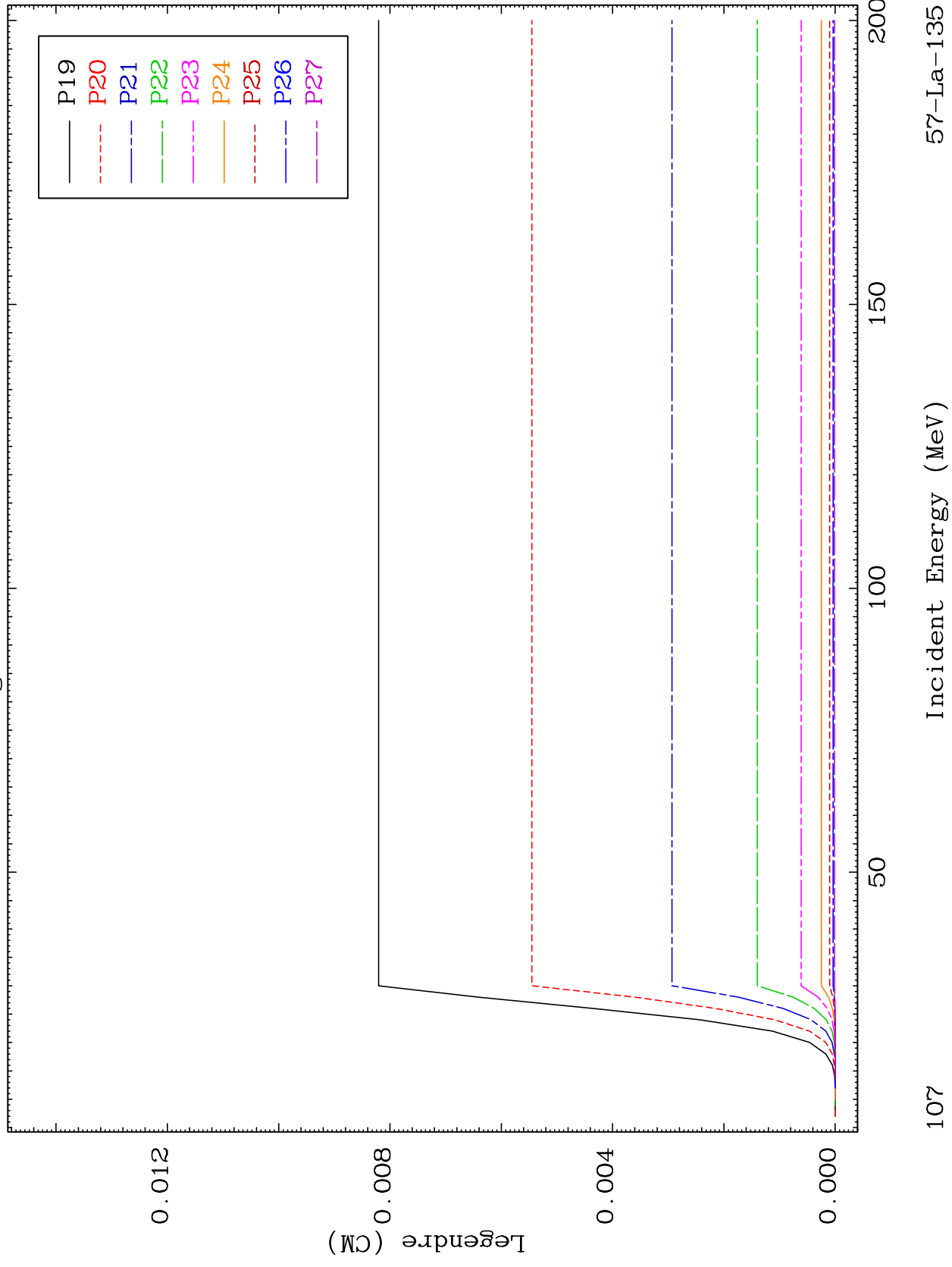
57-La-135

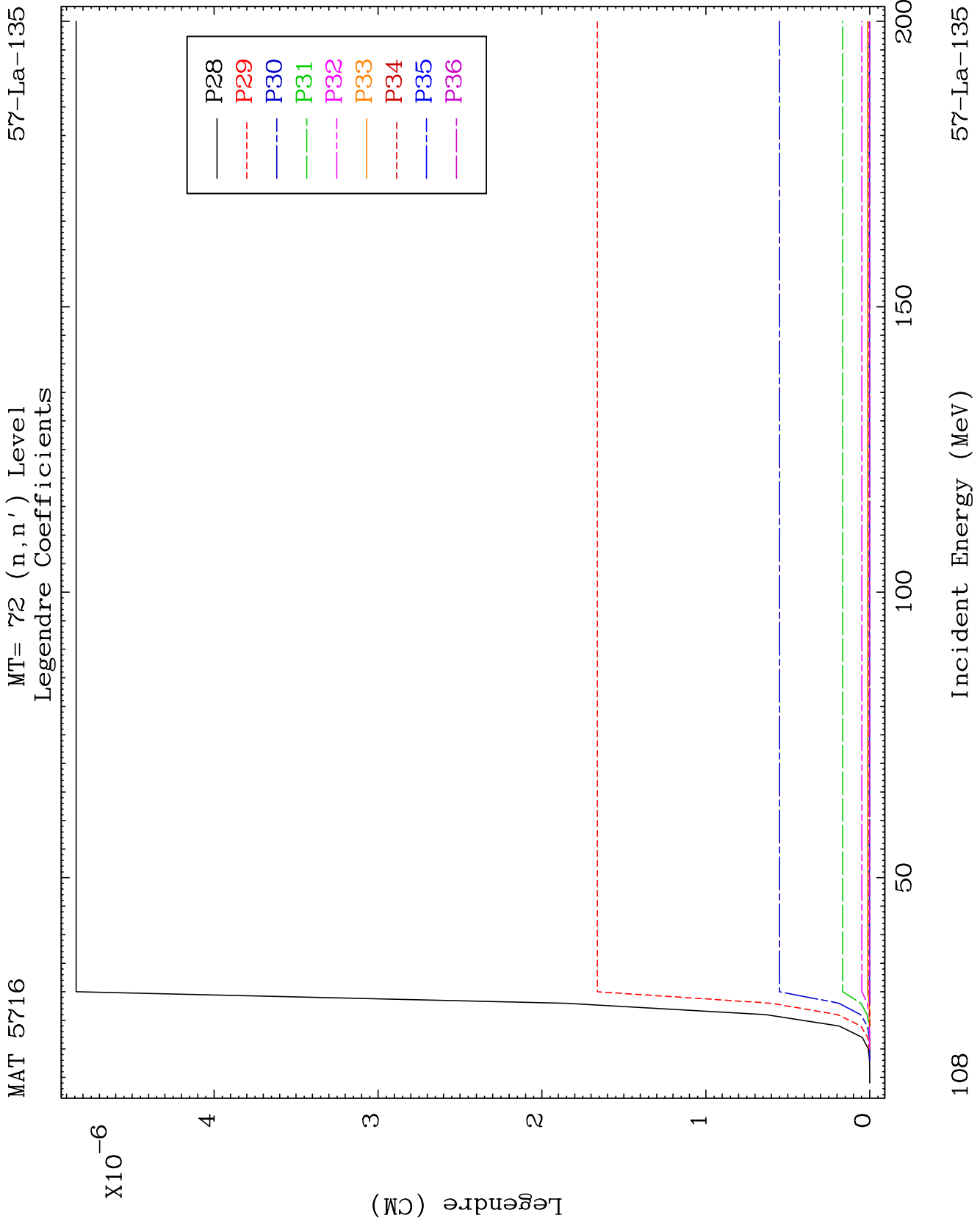


MAT 5716

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

57-La-135

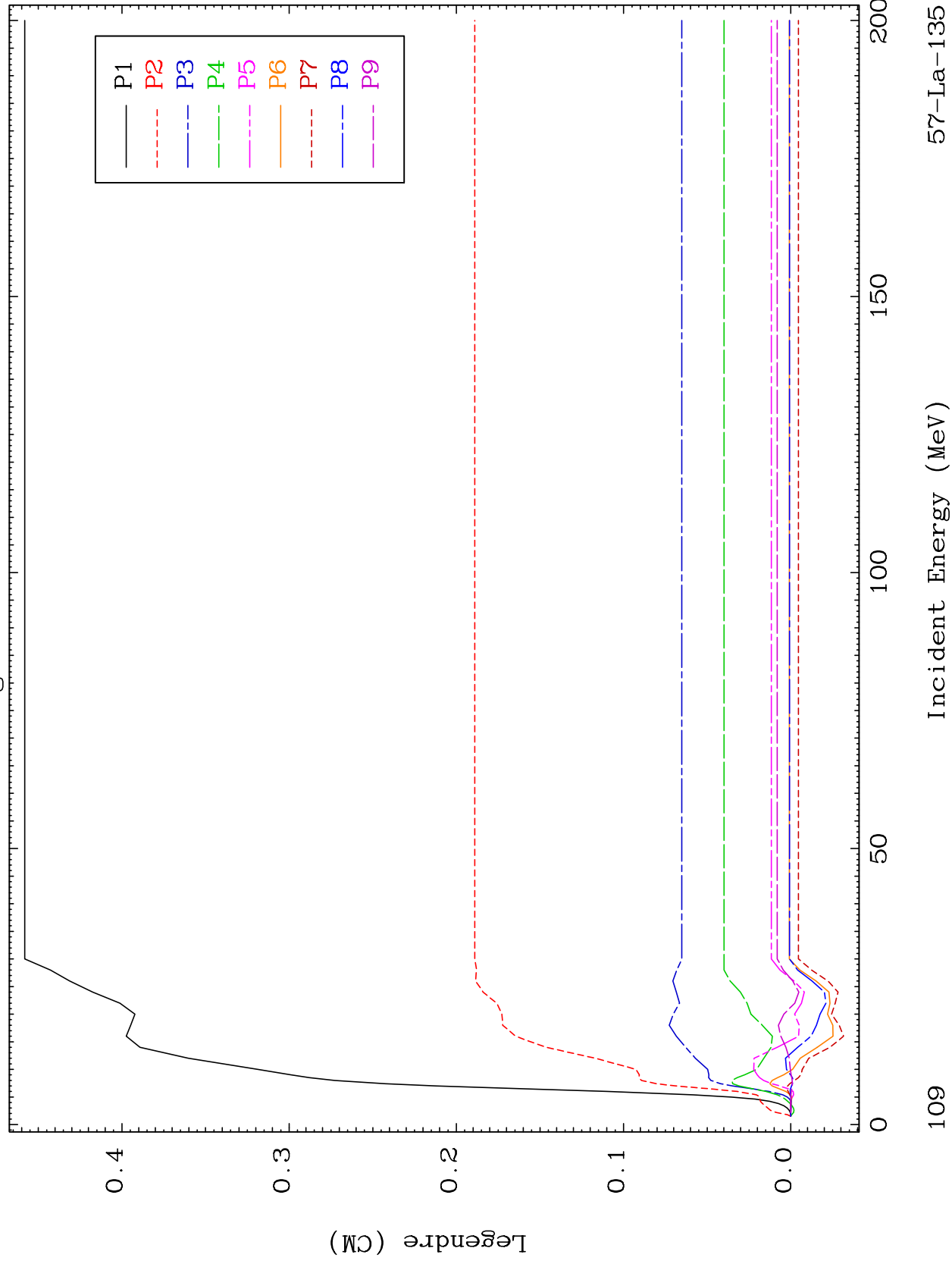


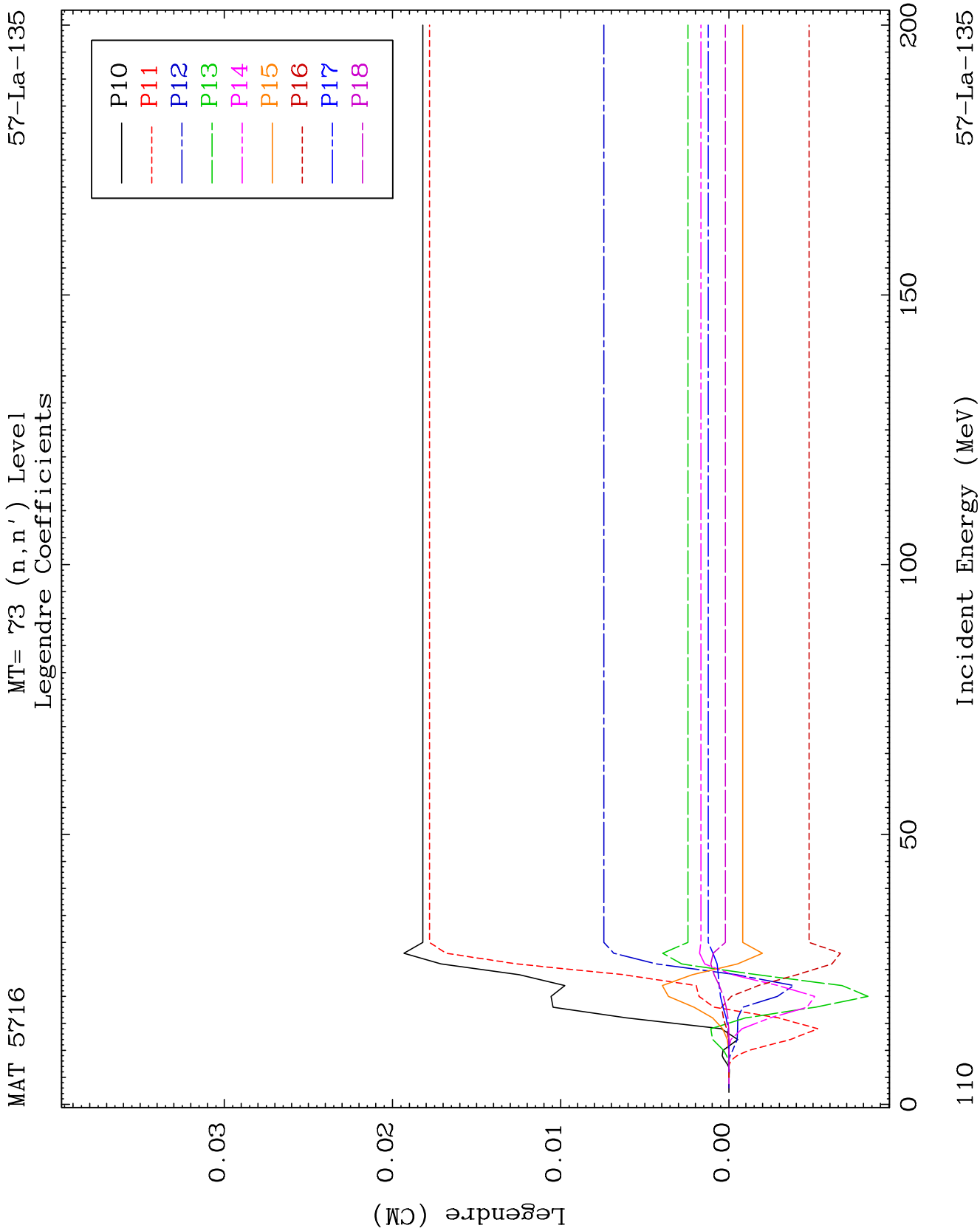


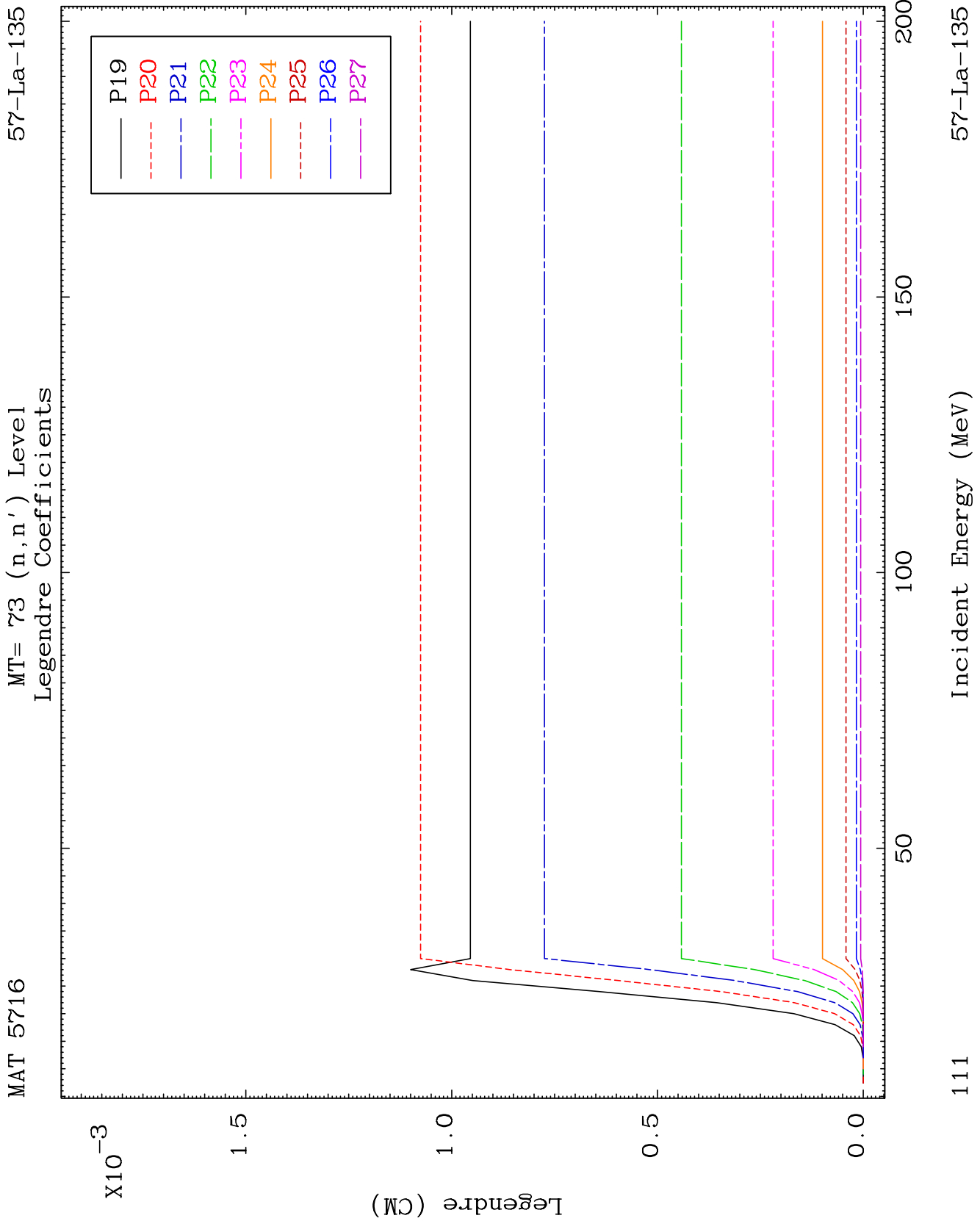
MAT 5716

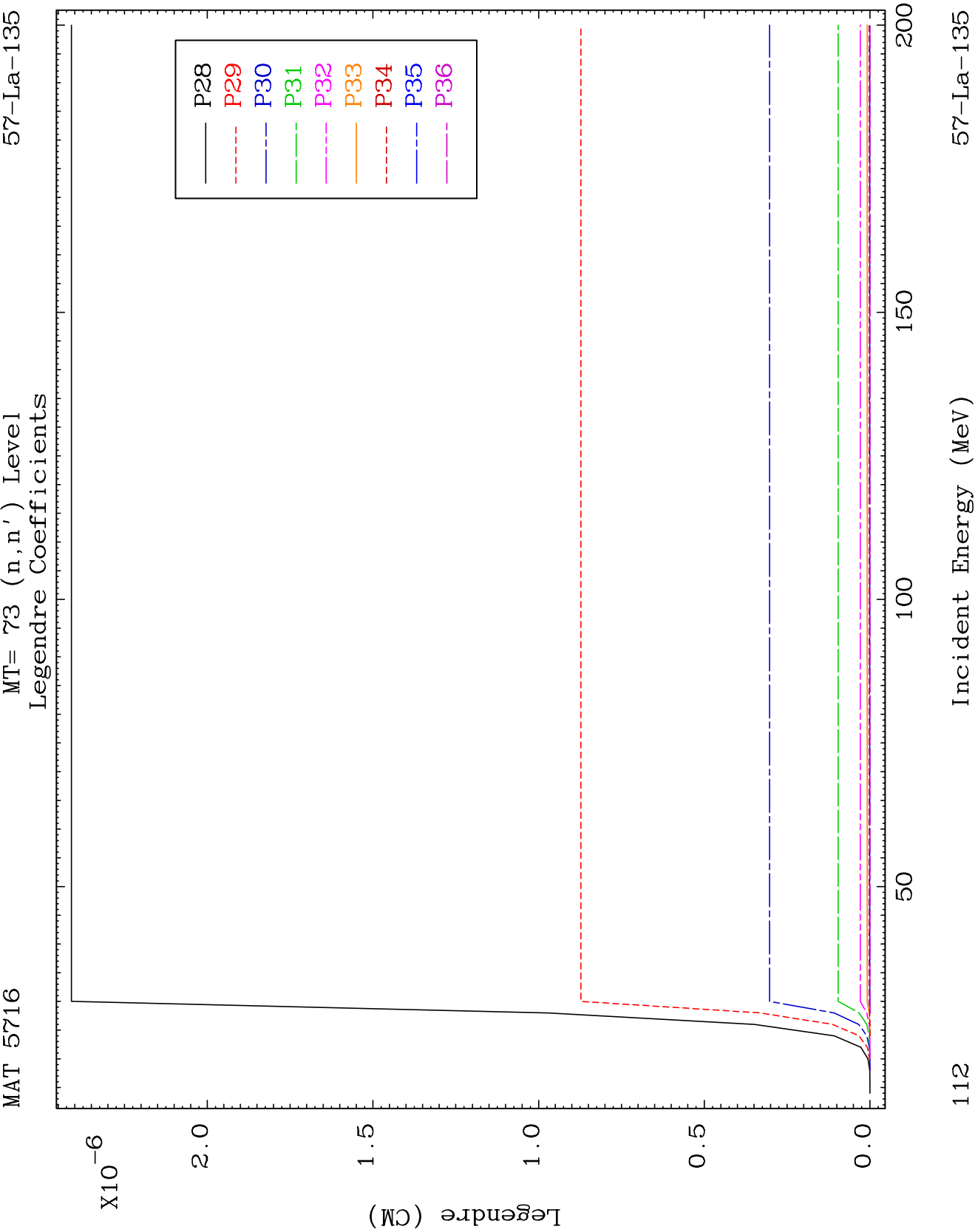
MT= 73 (n, n') Level
Legendre Coefficients

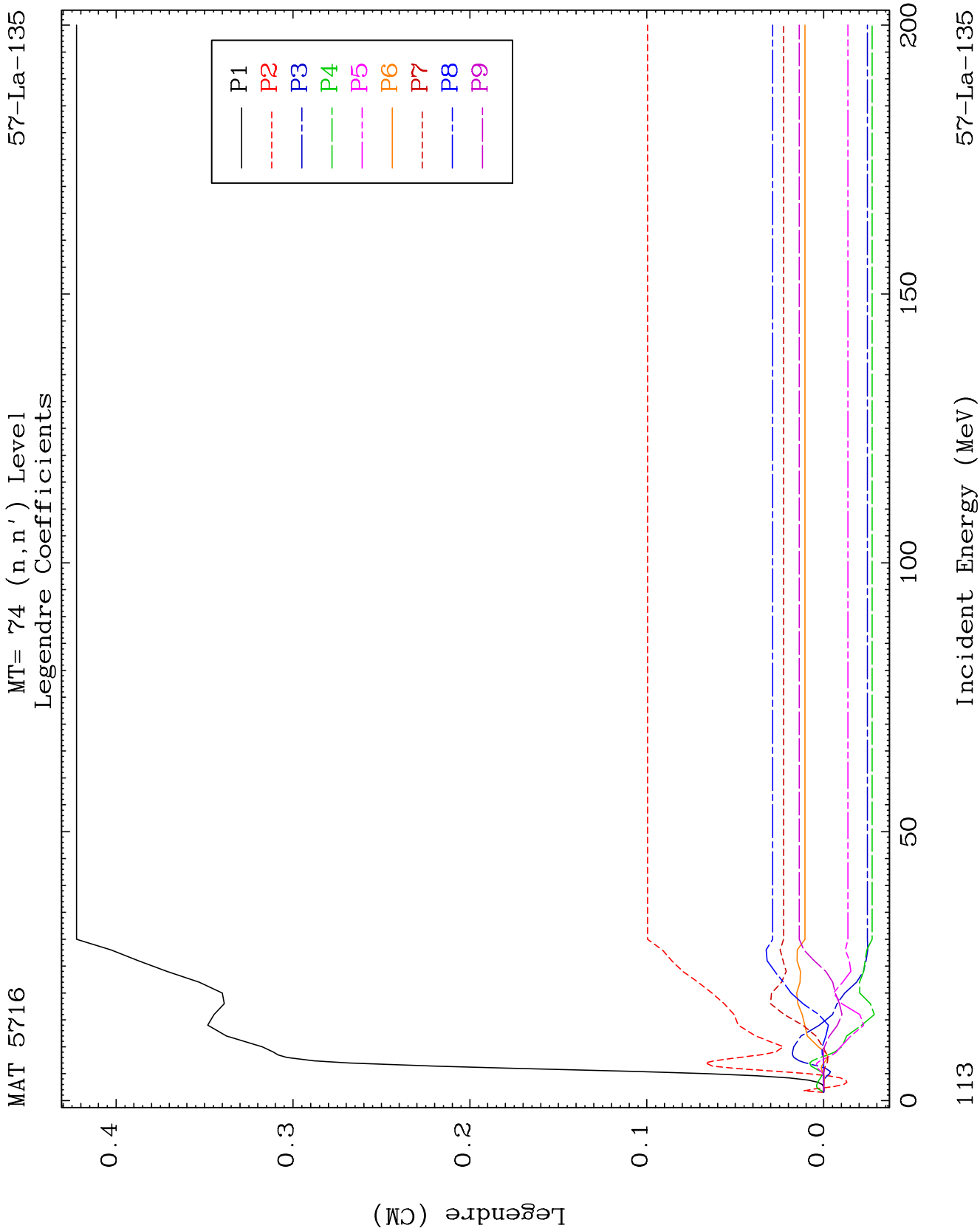
57-La-135

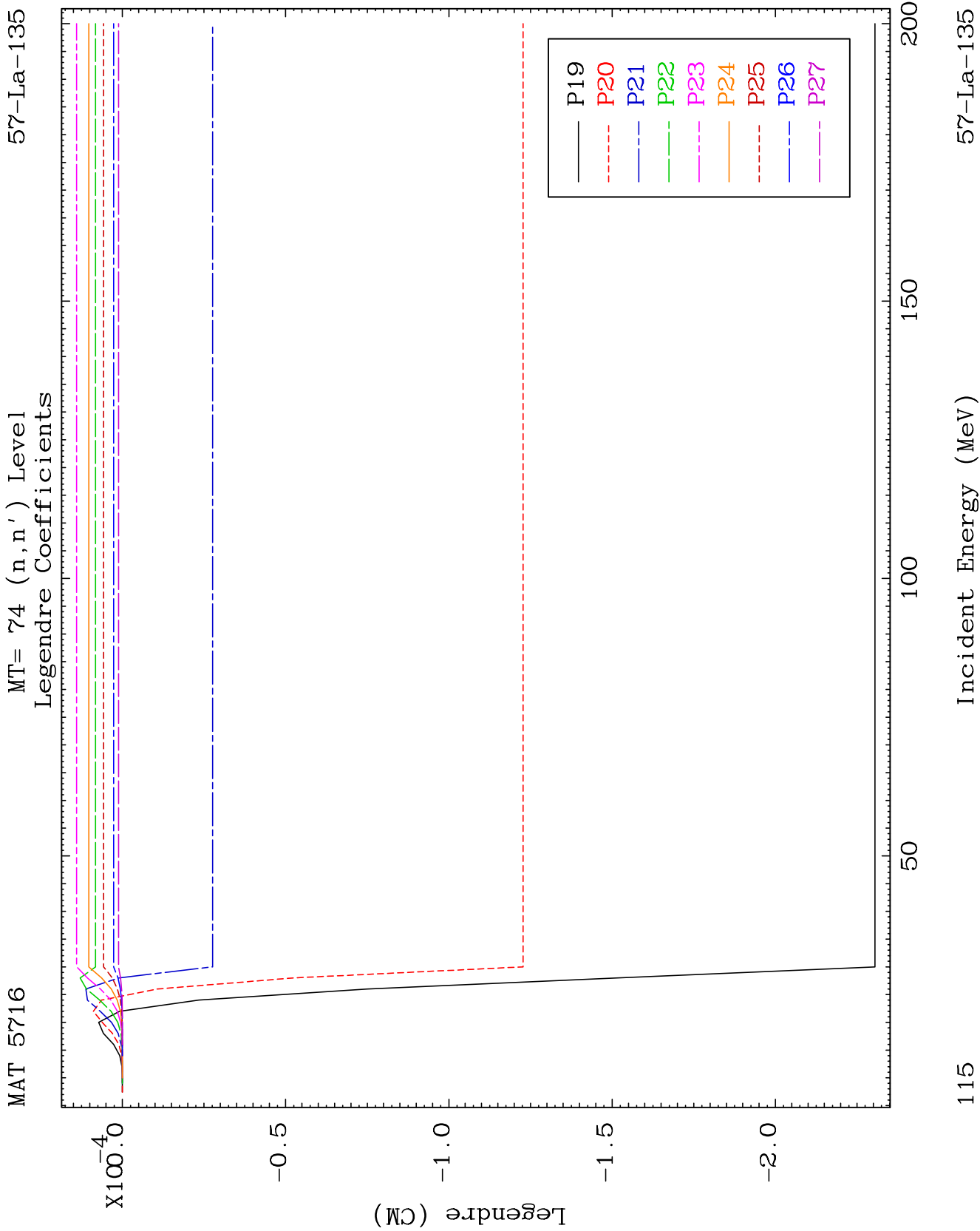


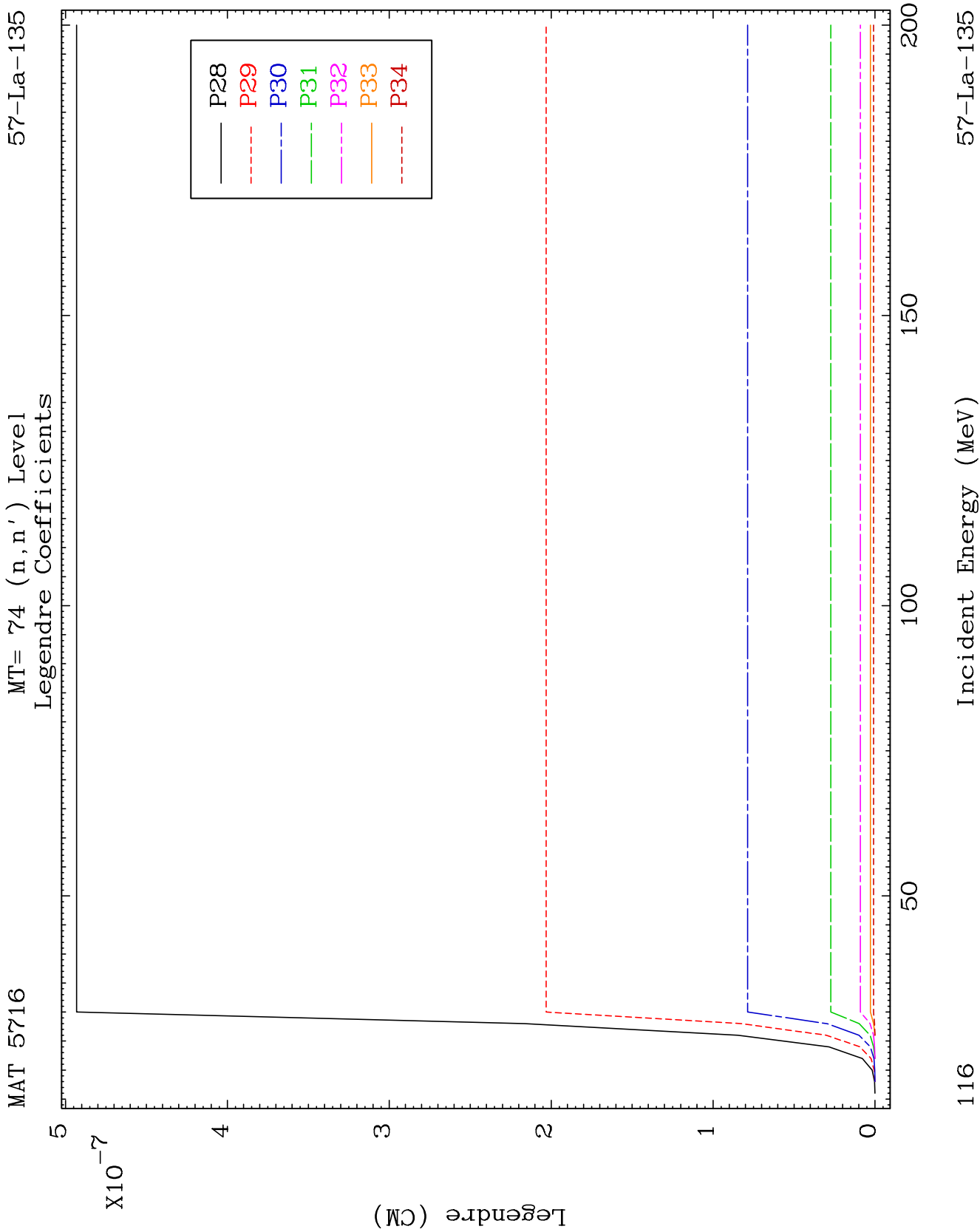










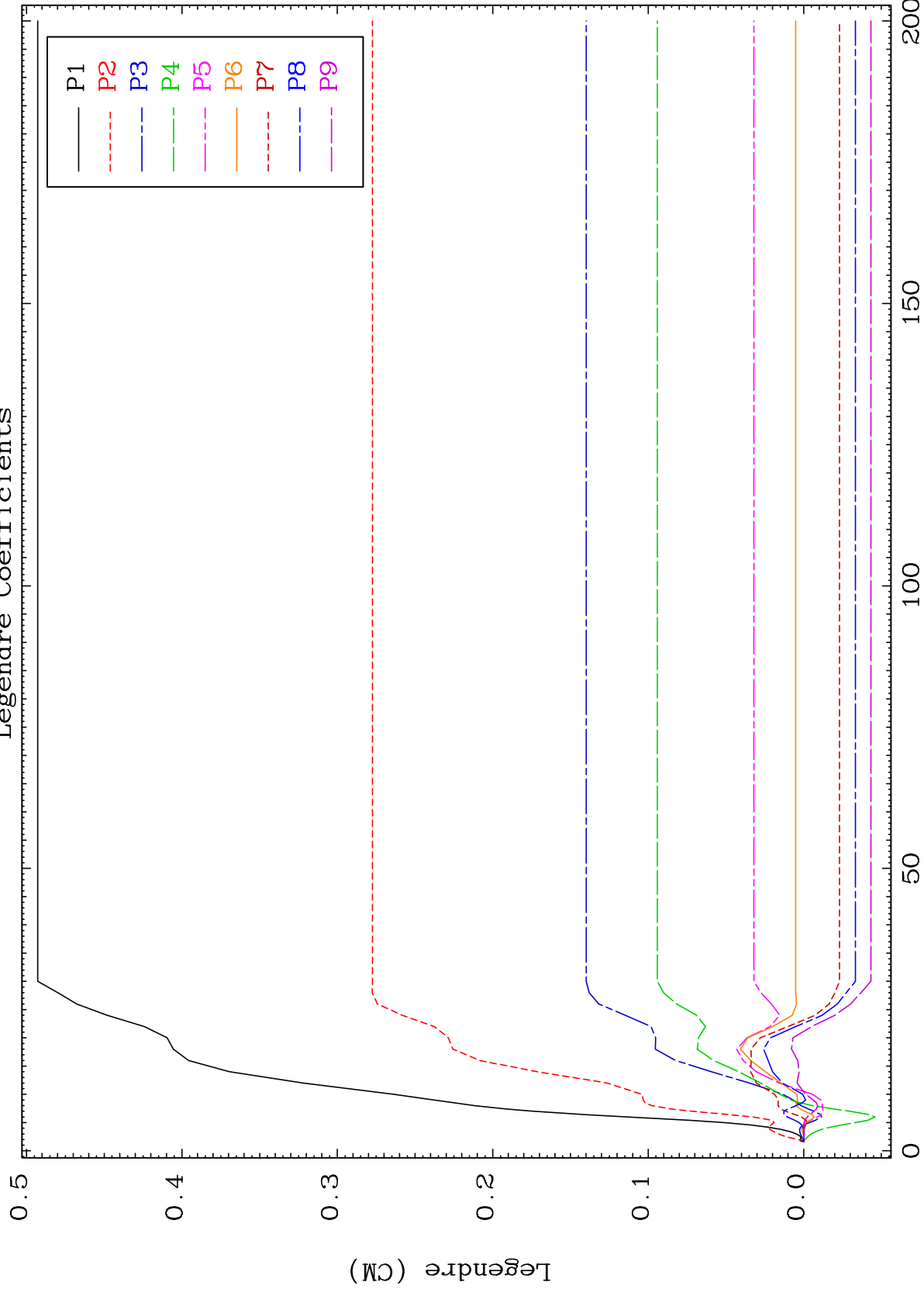


MAT 5716

MT=75 (n,n') Level

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Legendre Coefficients



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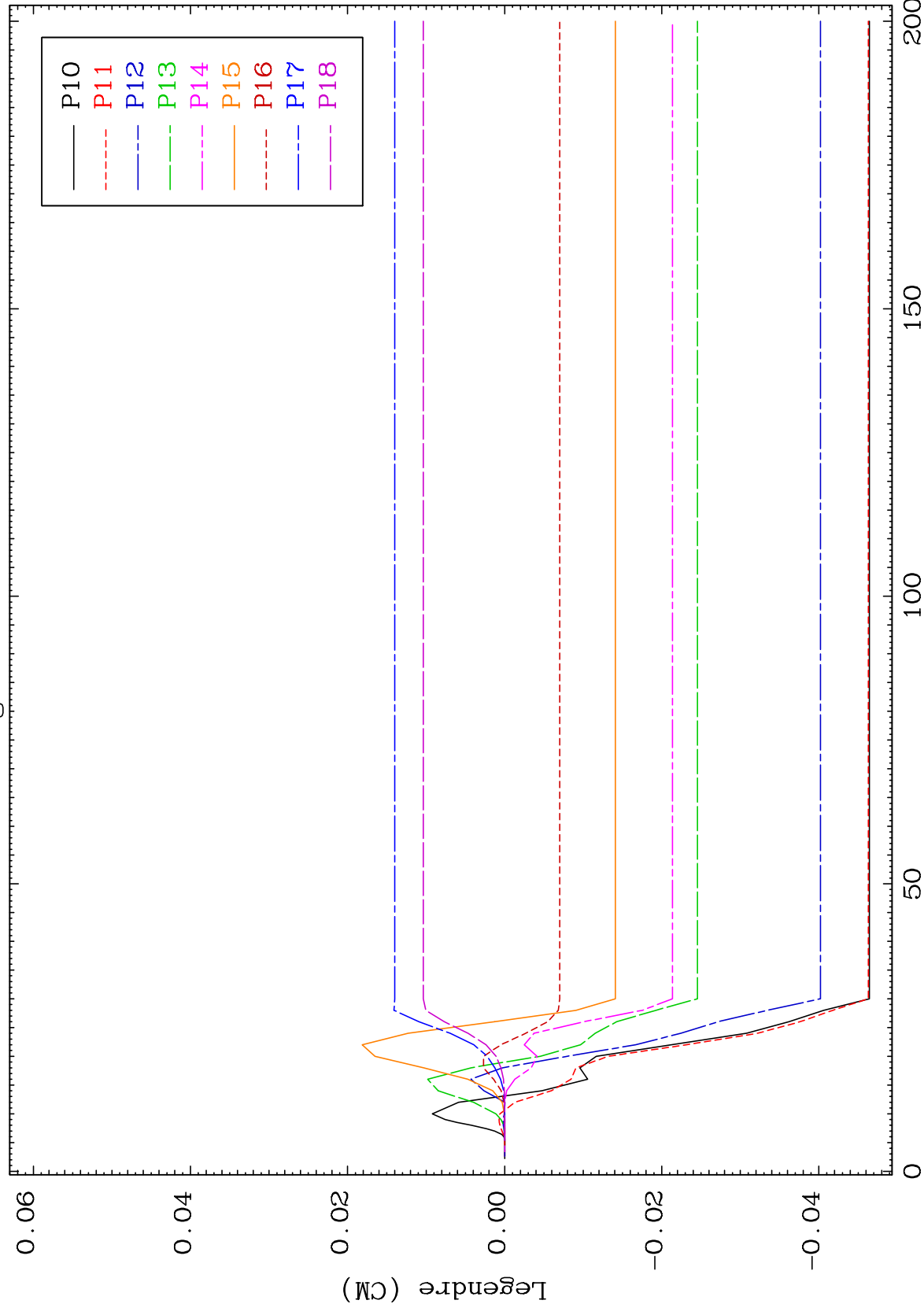
Incident Energy (MeV)

57-La-135

MAT 5716

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

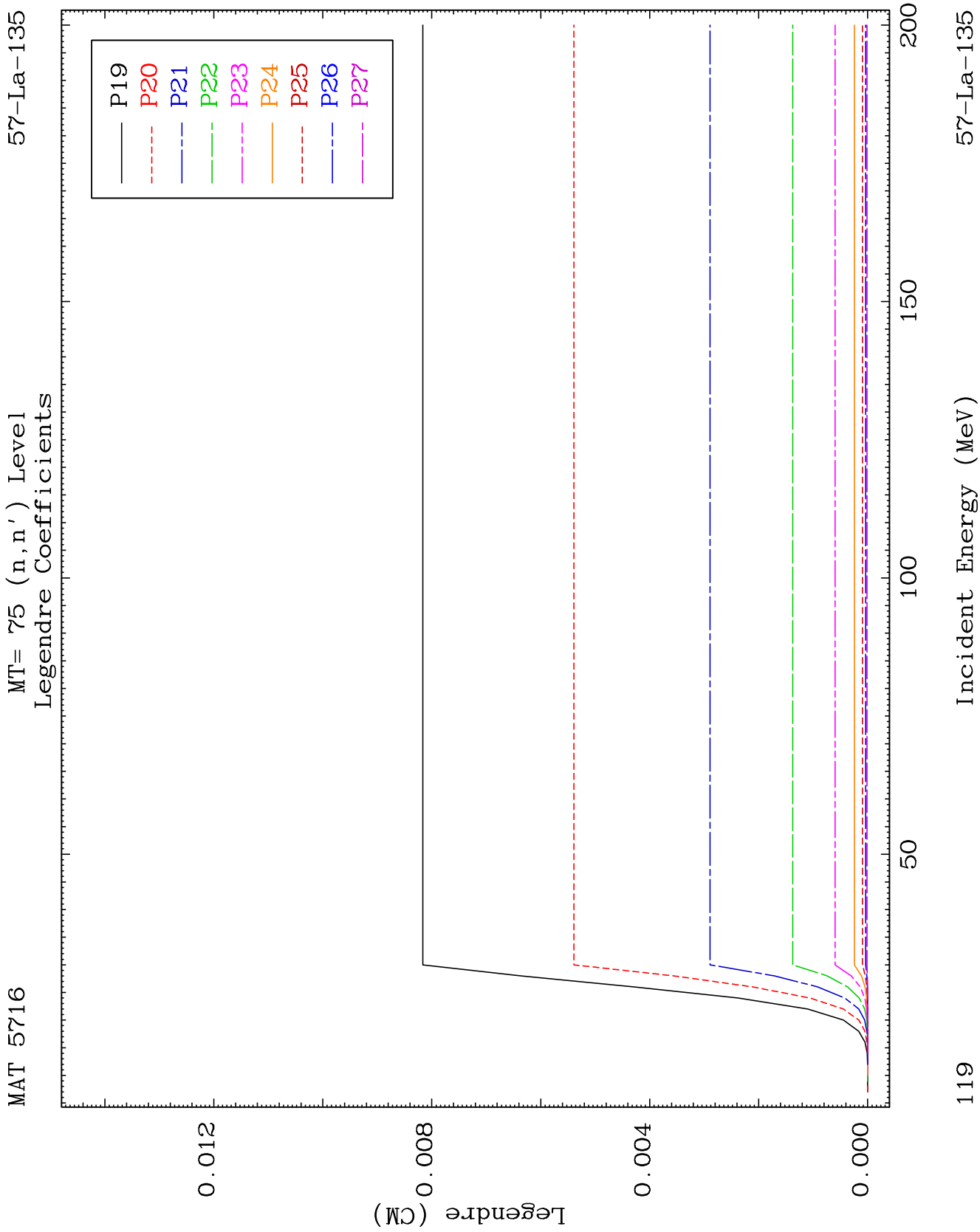
57-La-135

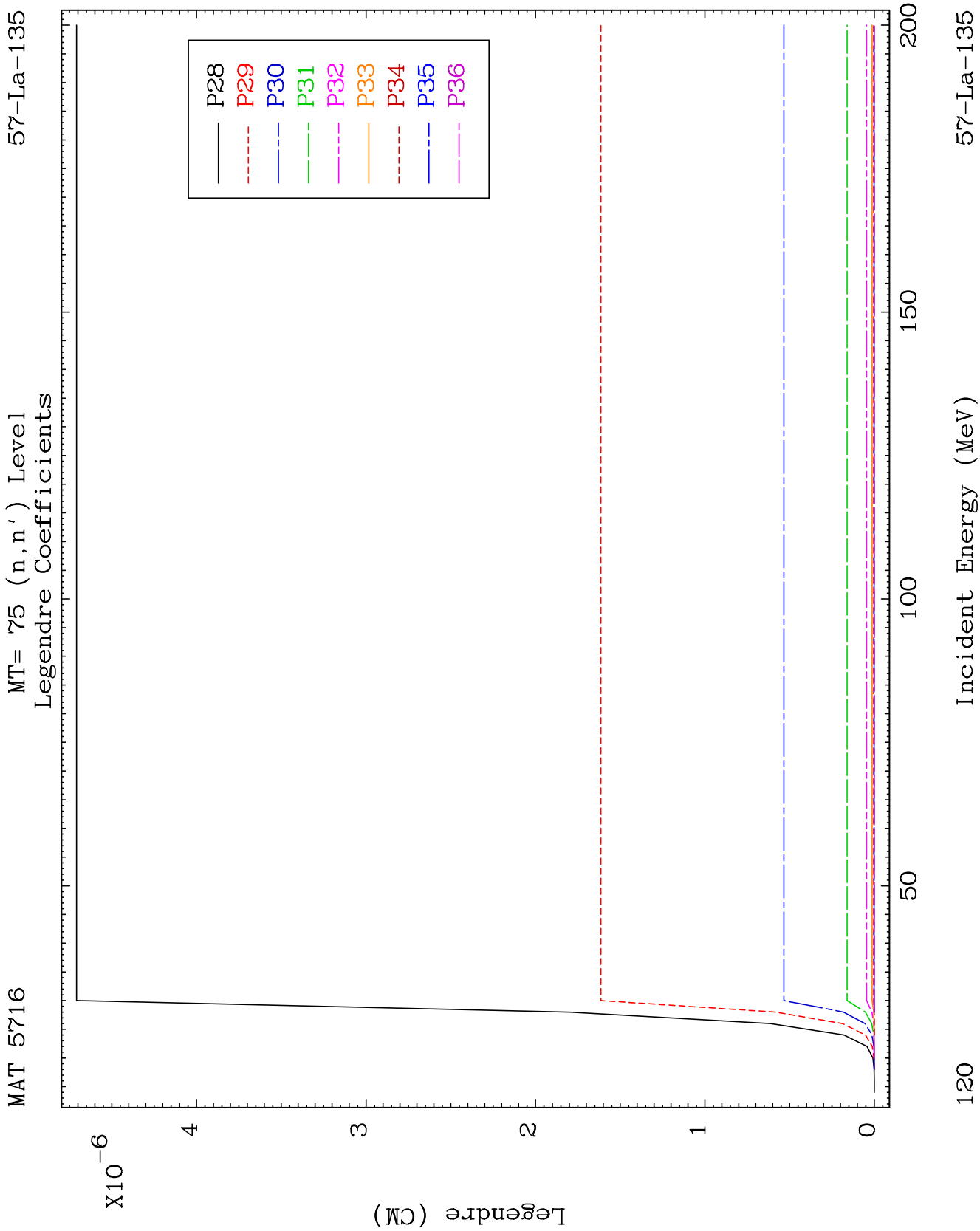


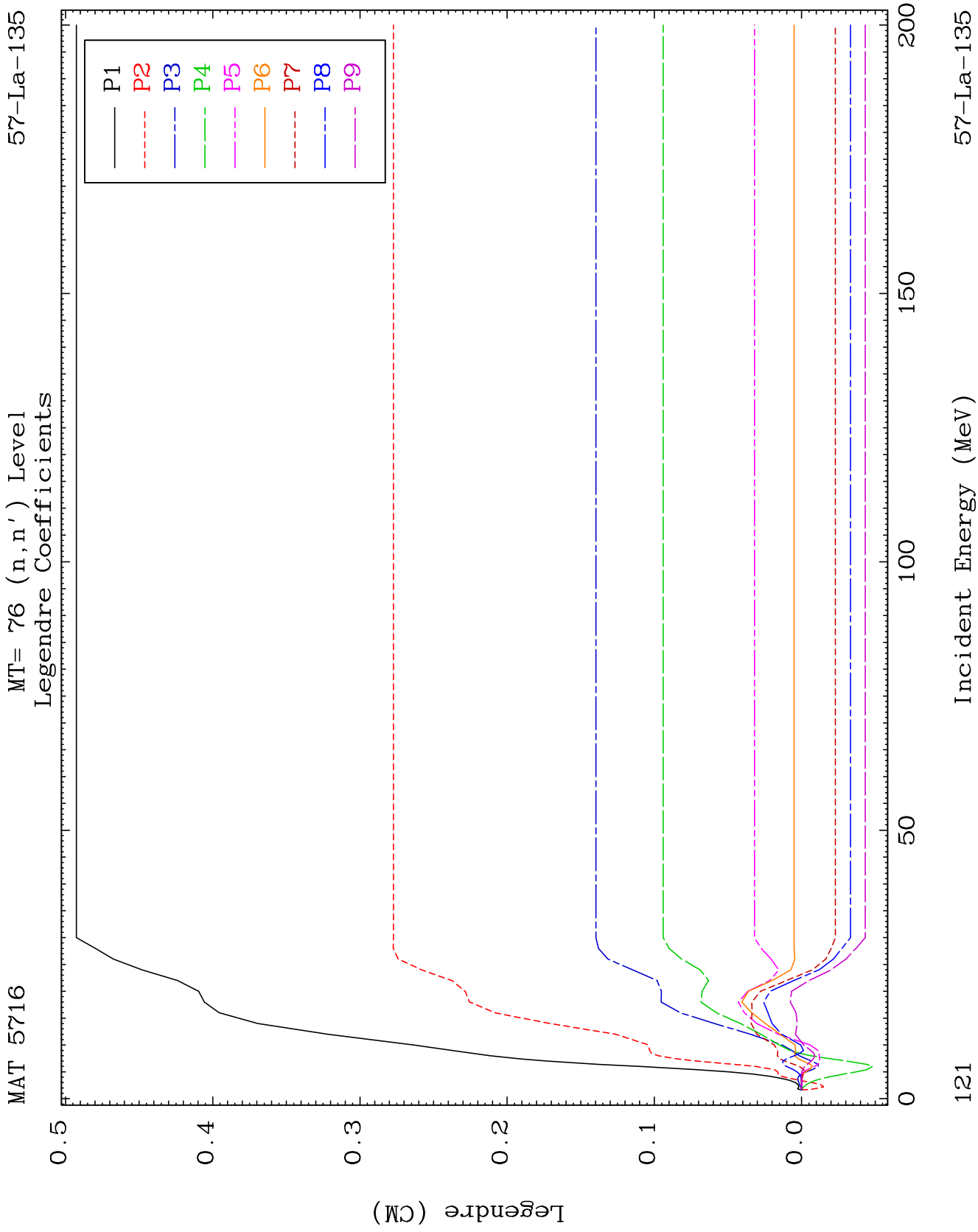
118

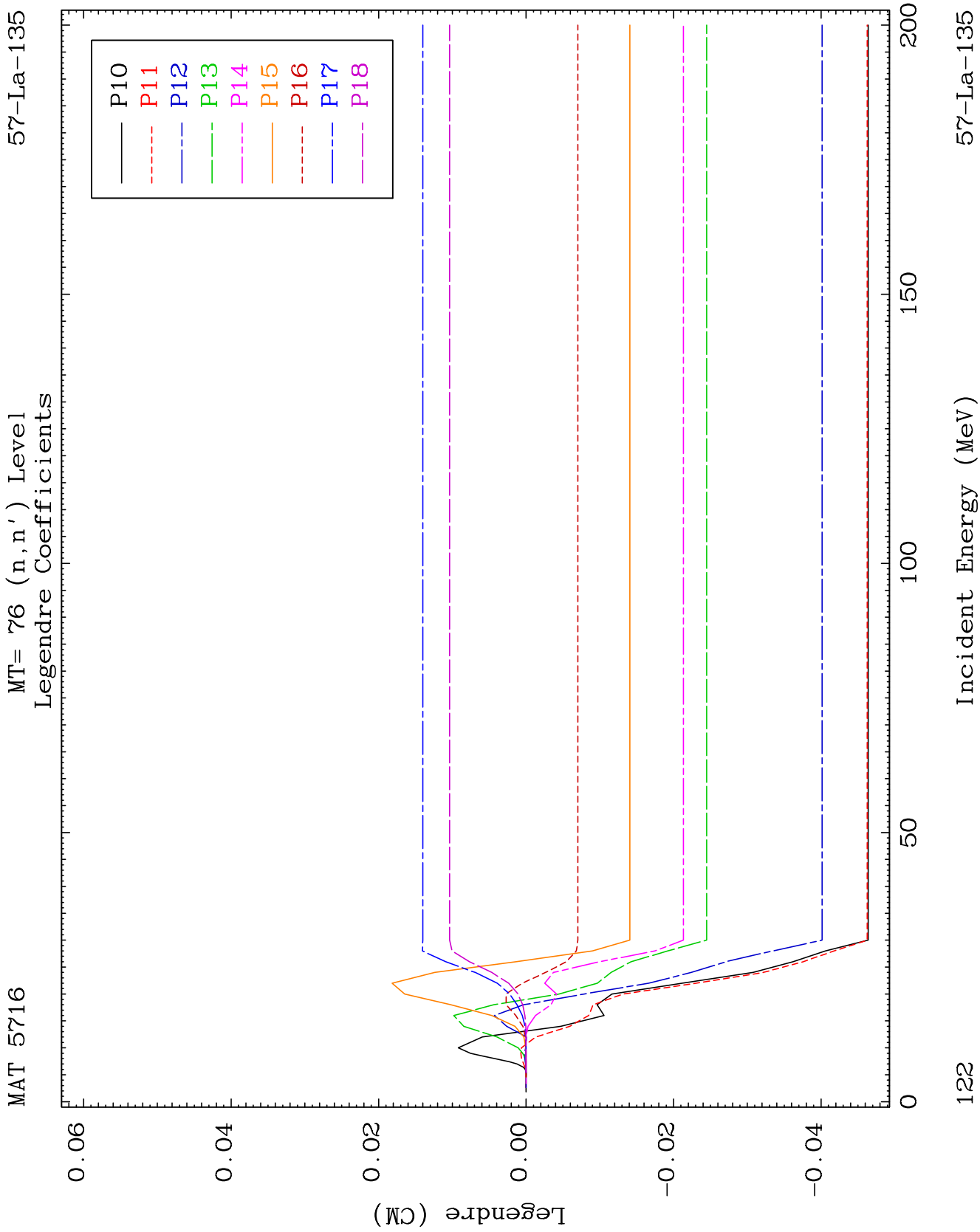
Incident Energy (MeV)

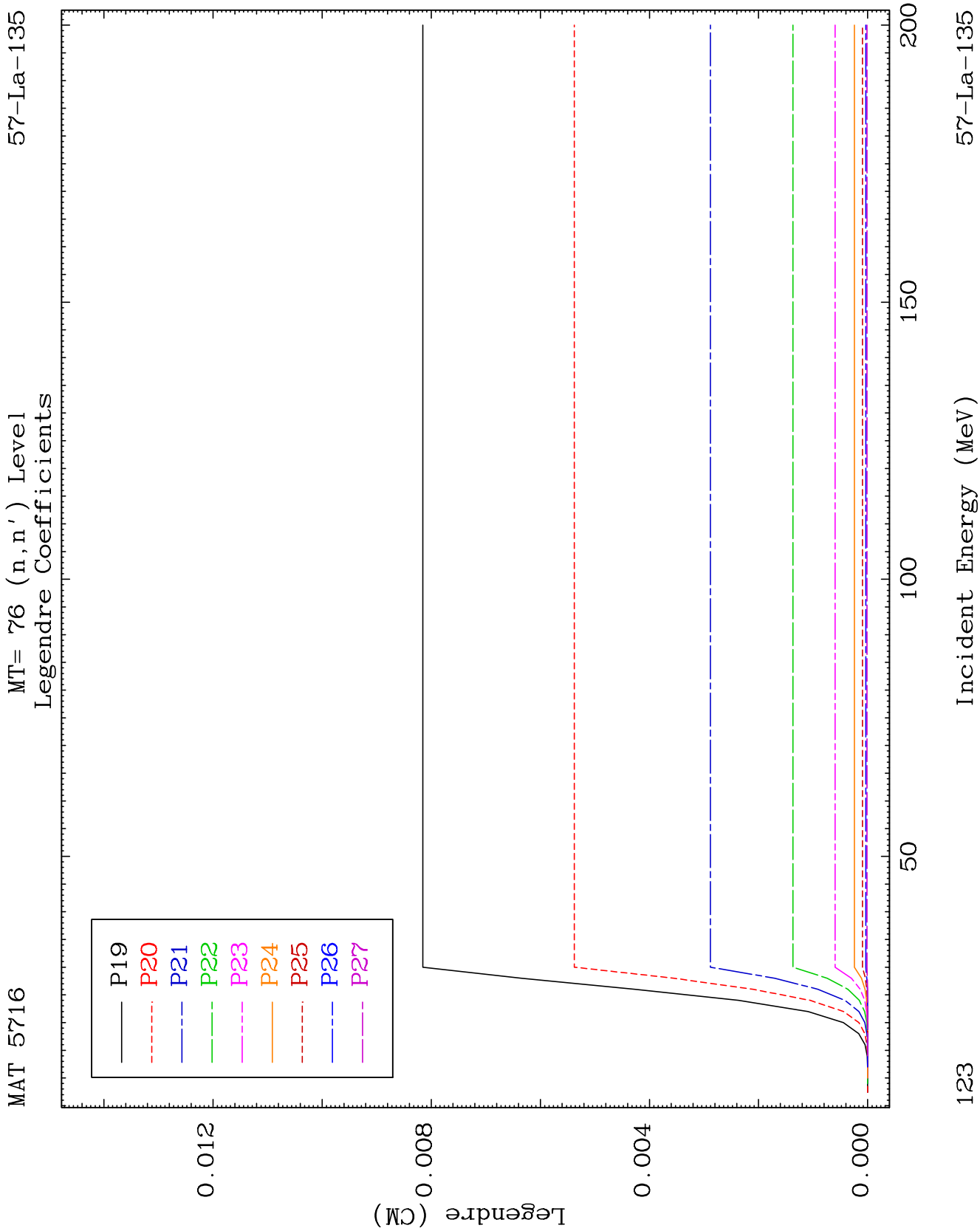
57-La-135

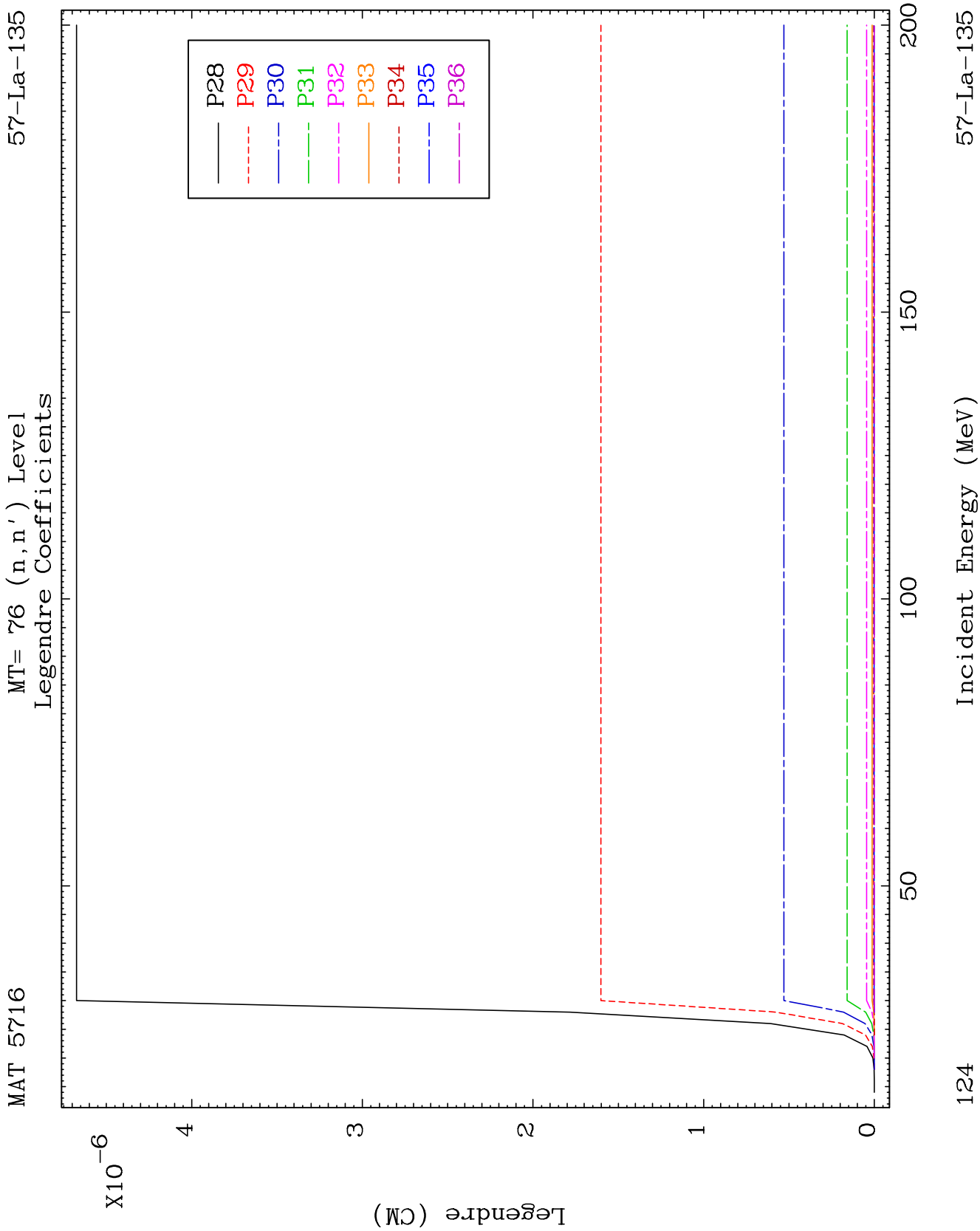








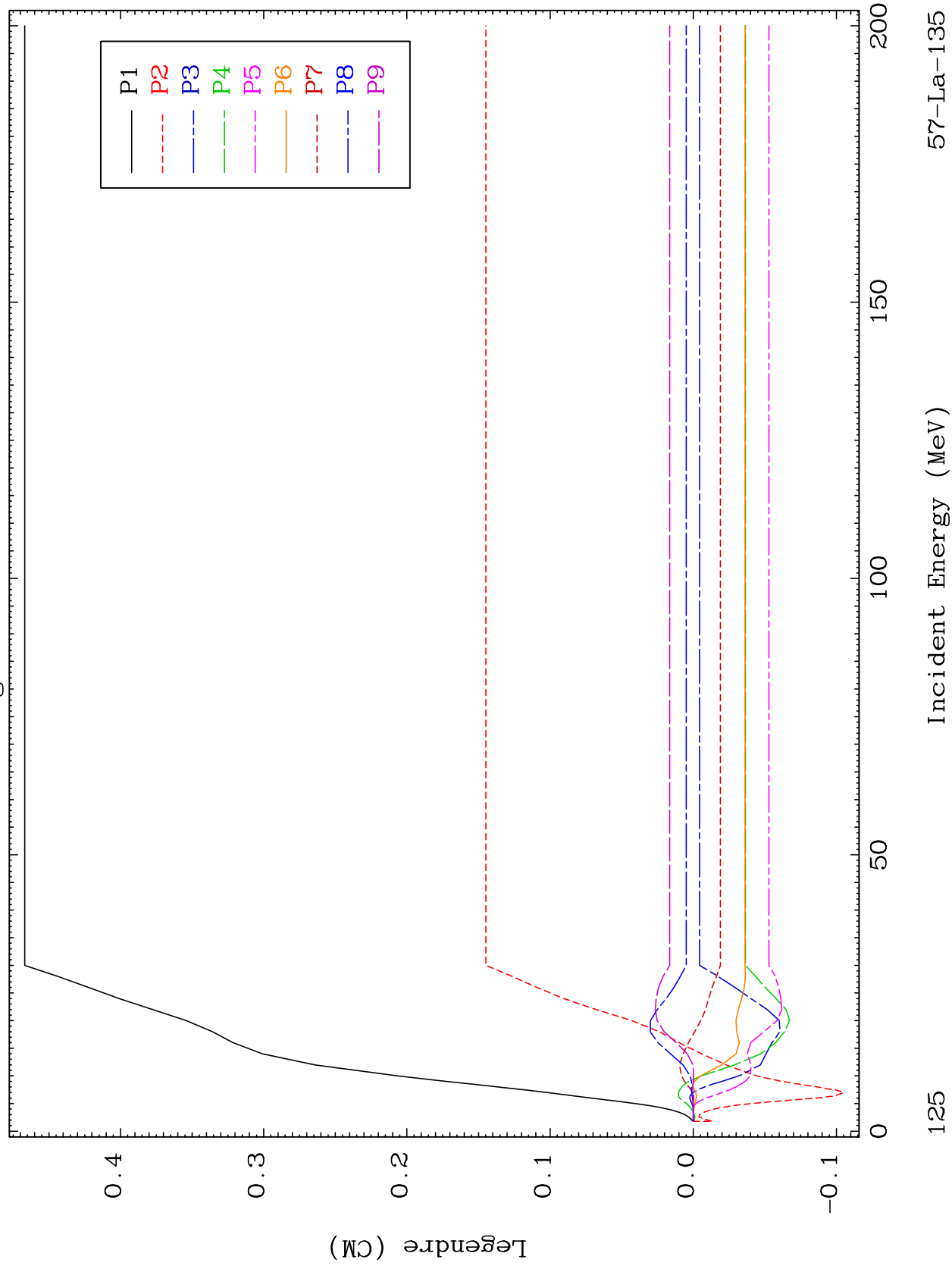




MAT 5716

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

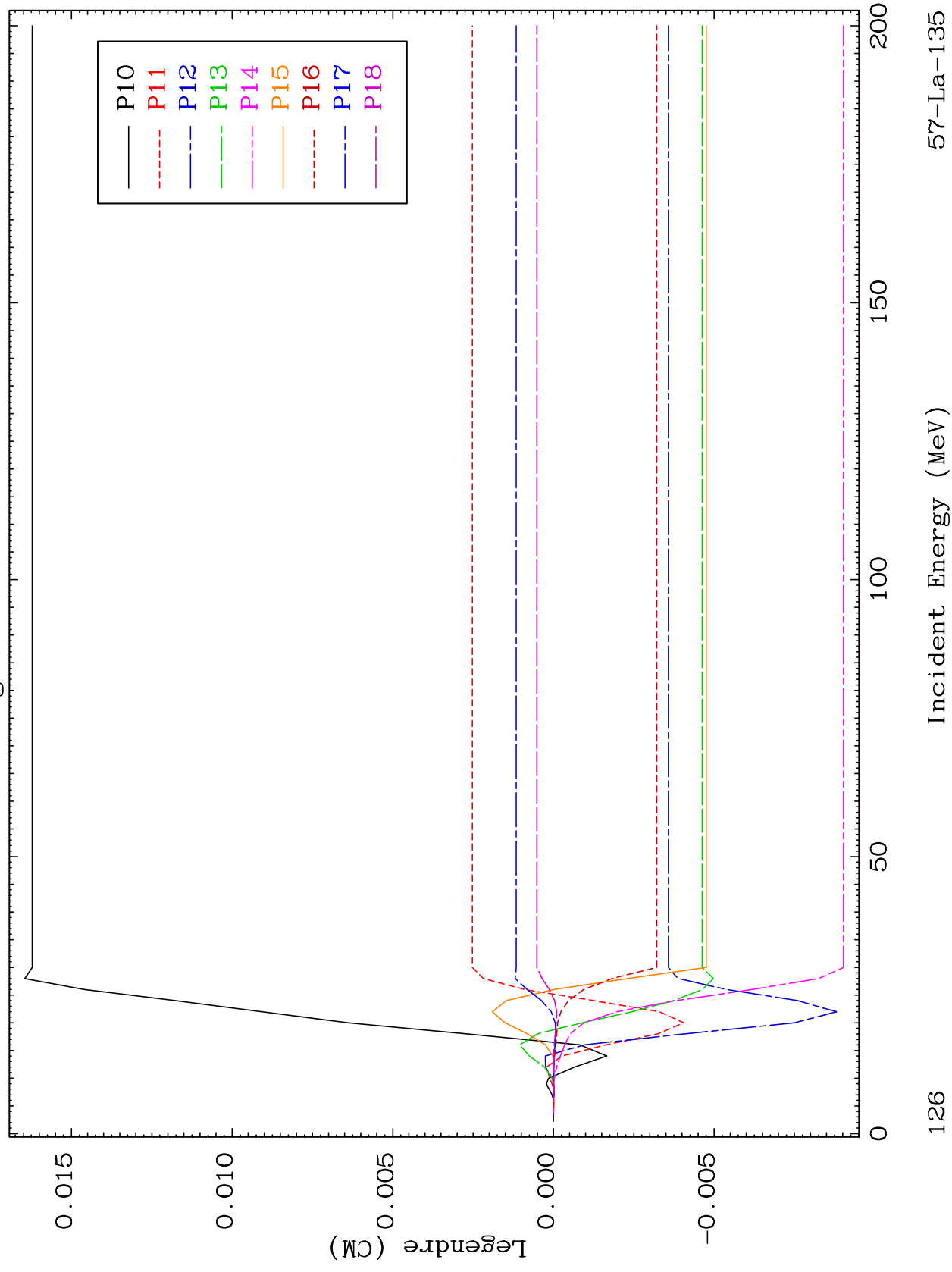
57-La-135

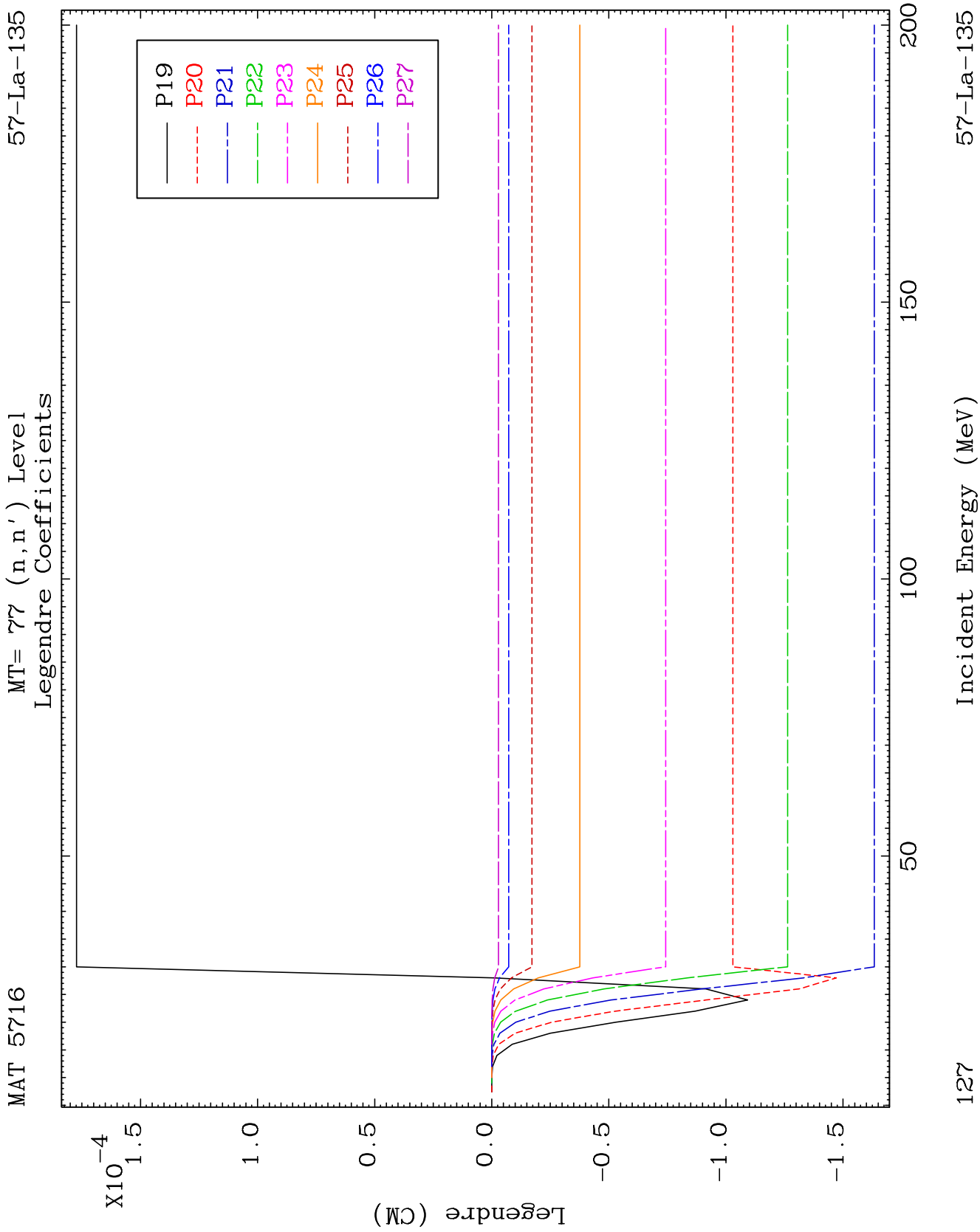


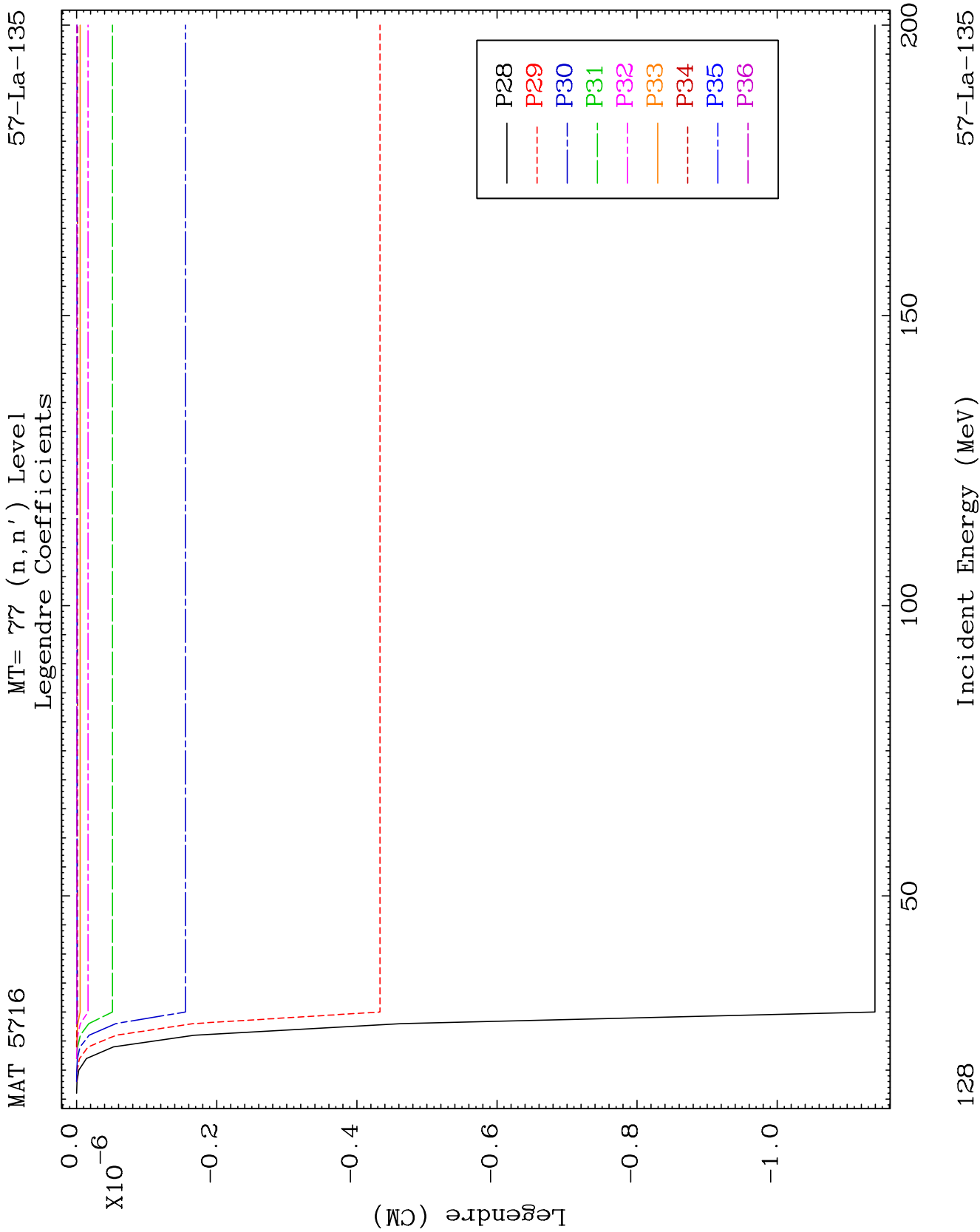
MAT 5716

Legendre Coefficients

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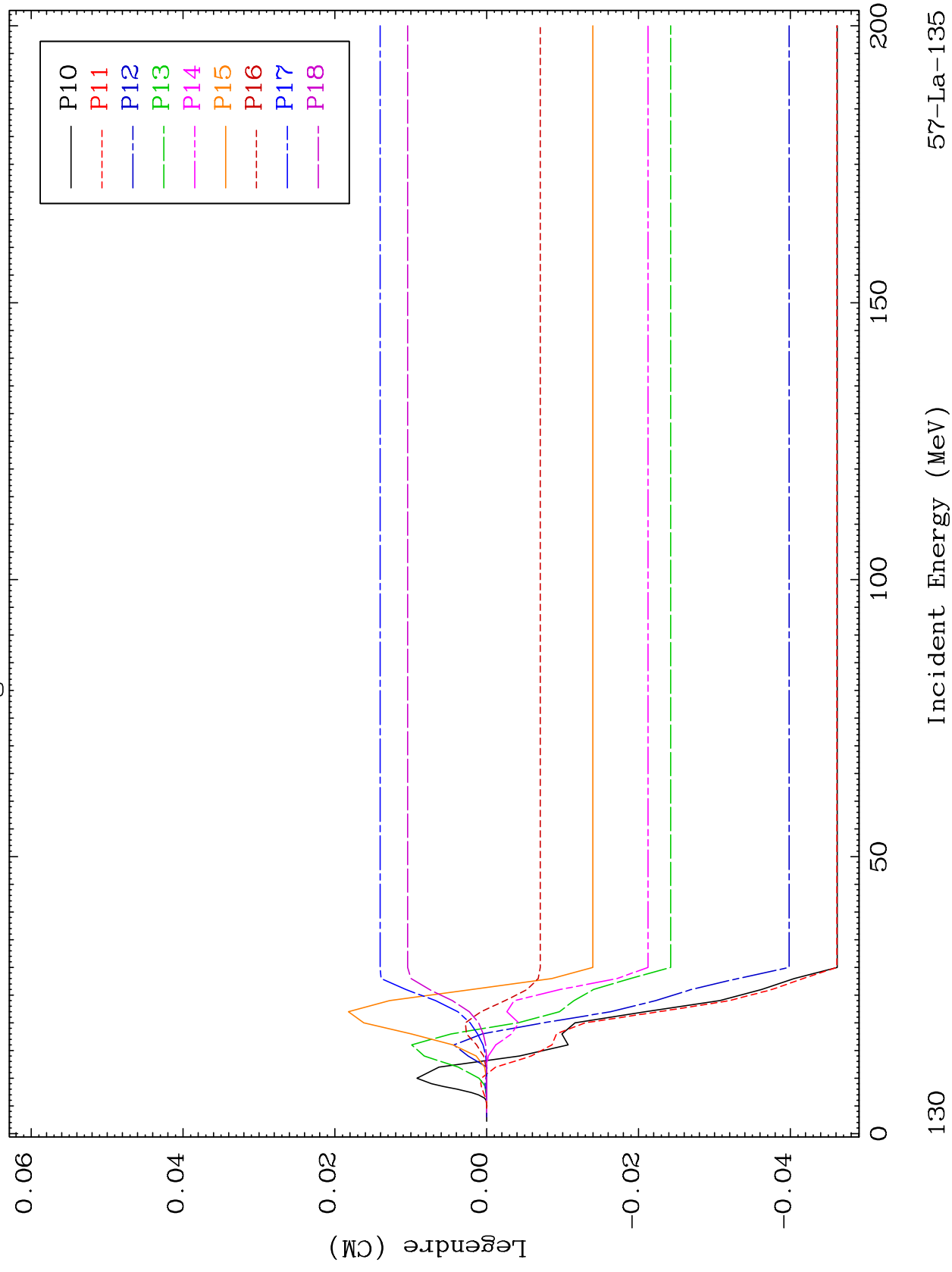


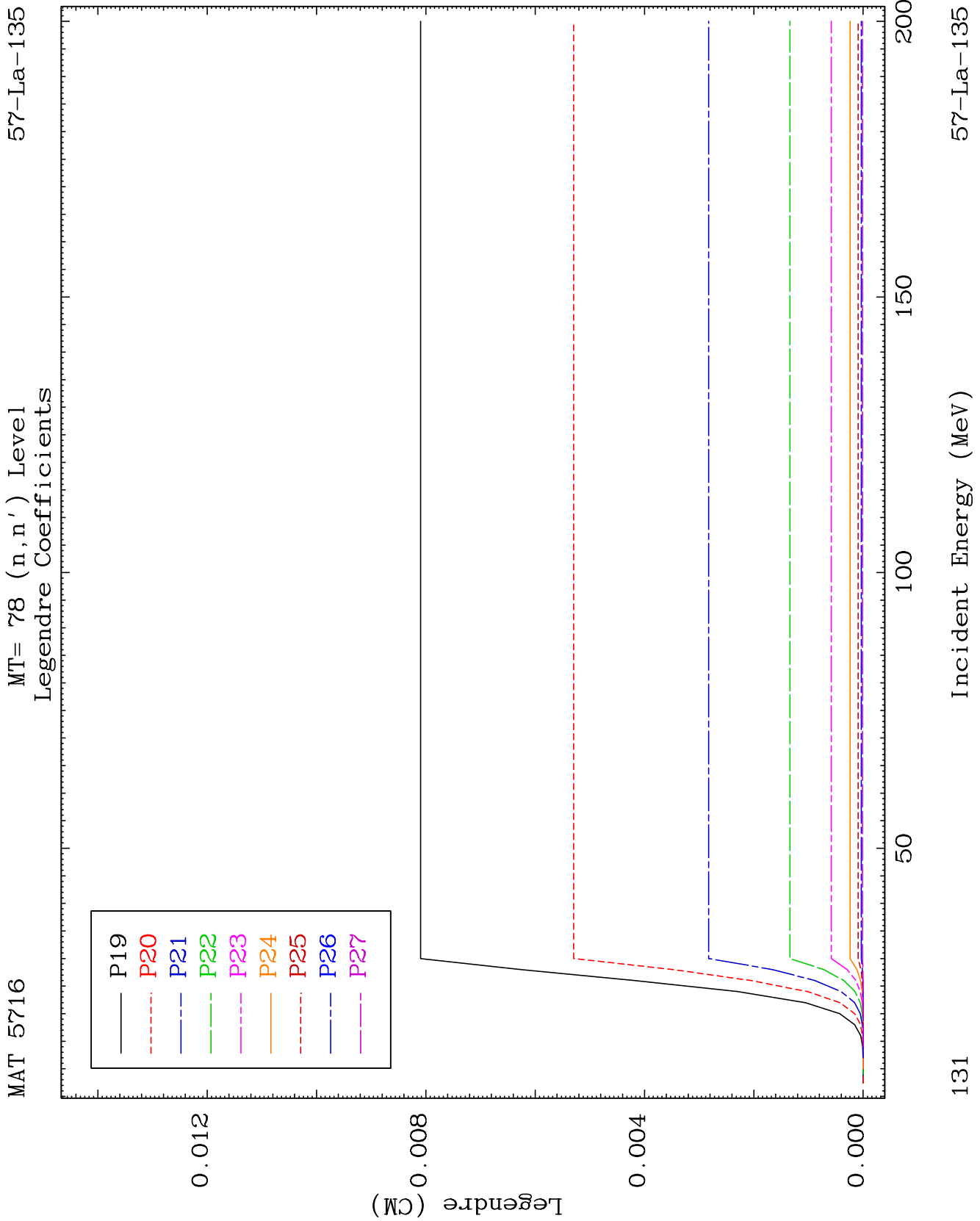


MAT 5716

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

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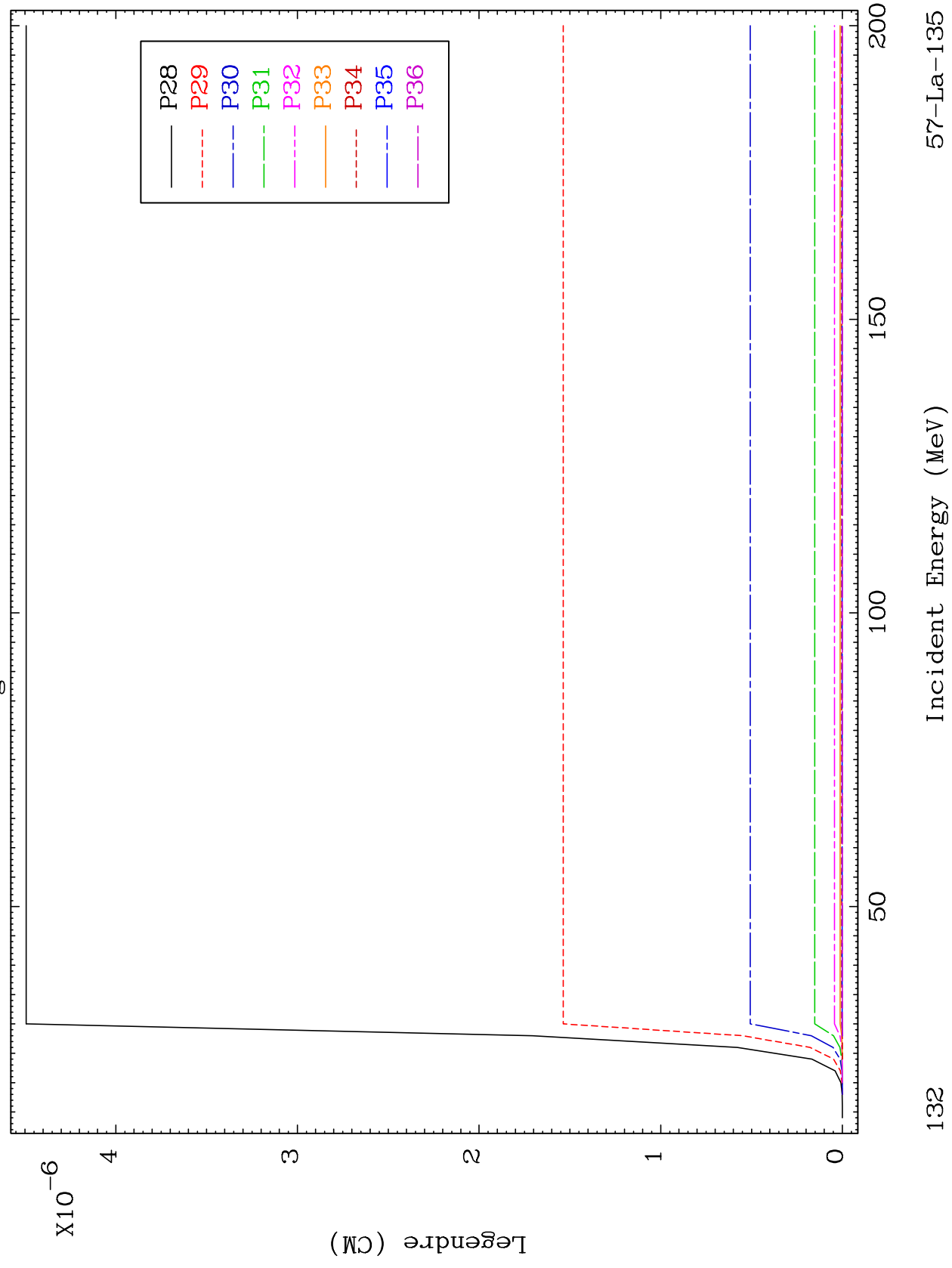


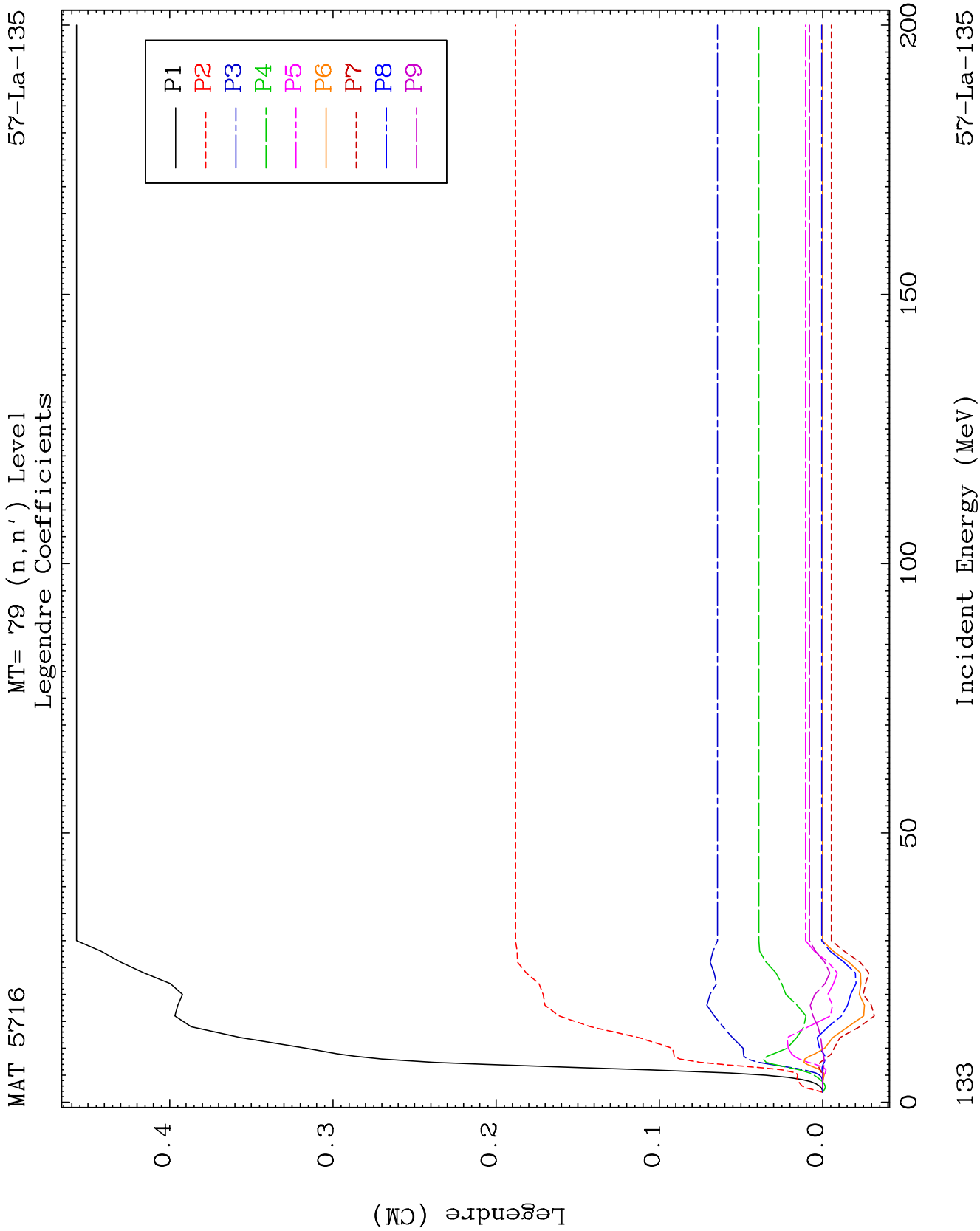


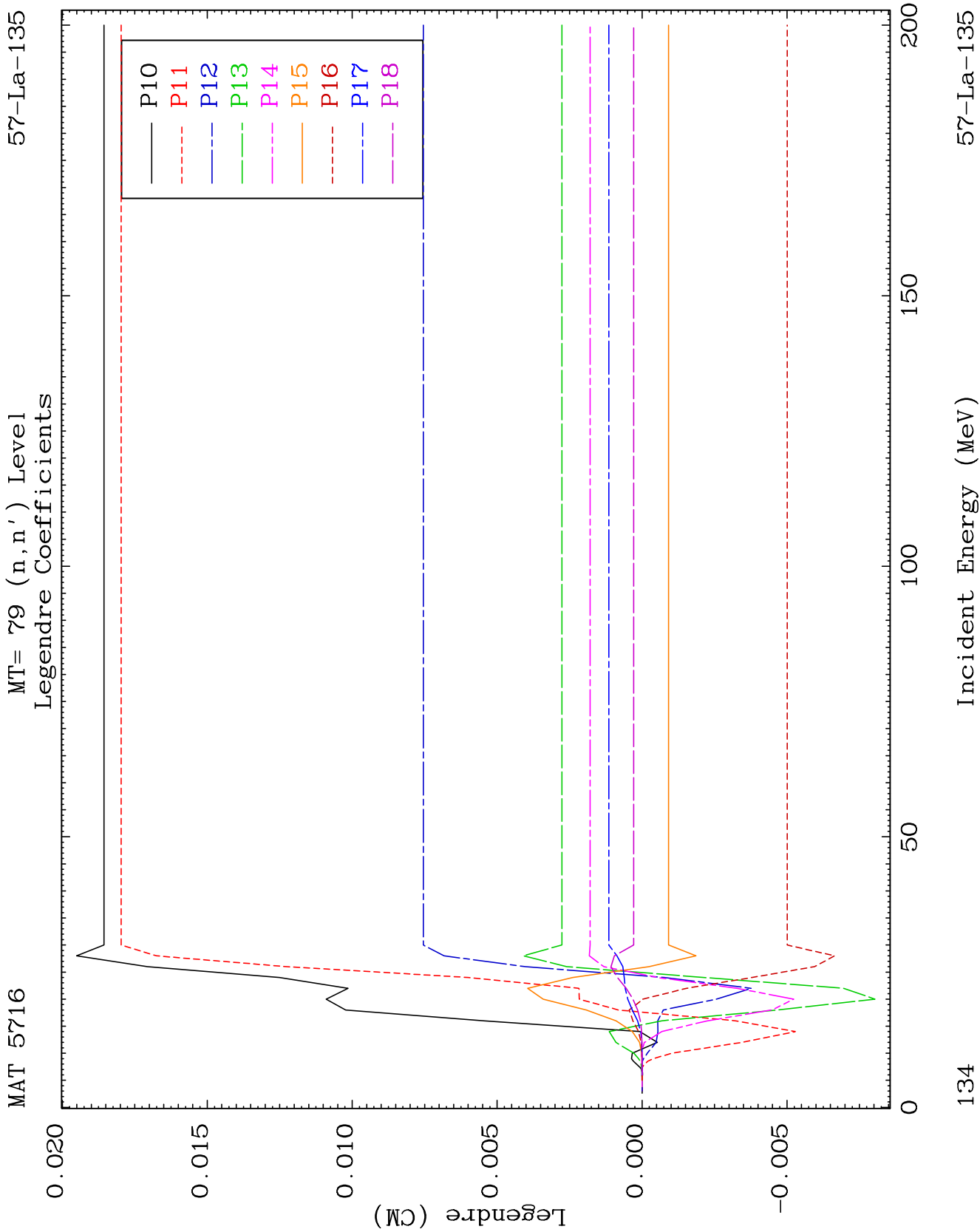
MAT 5716

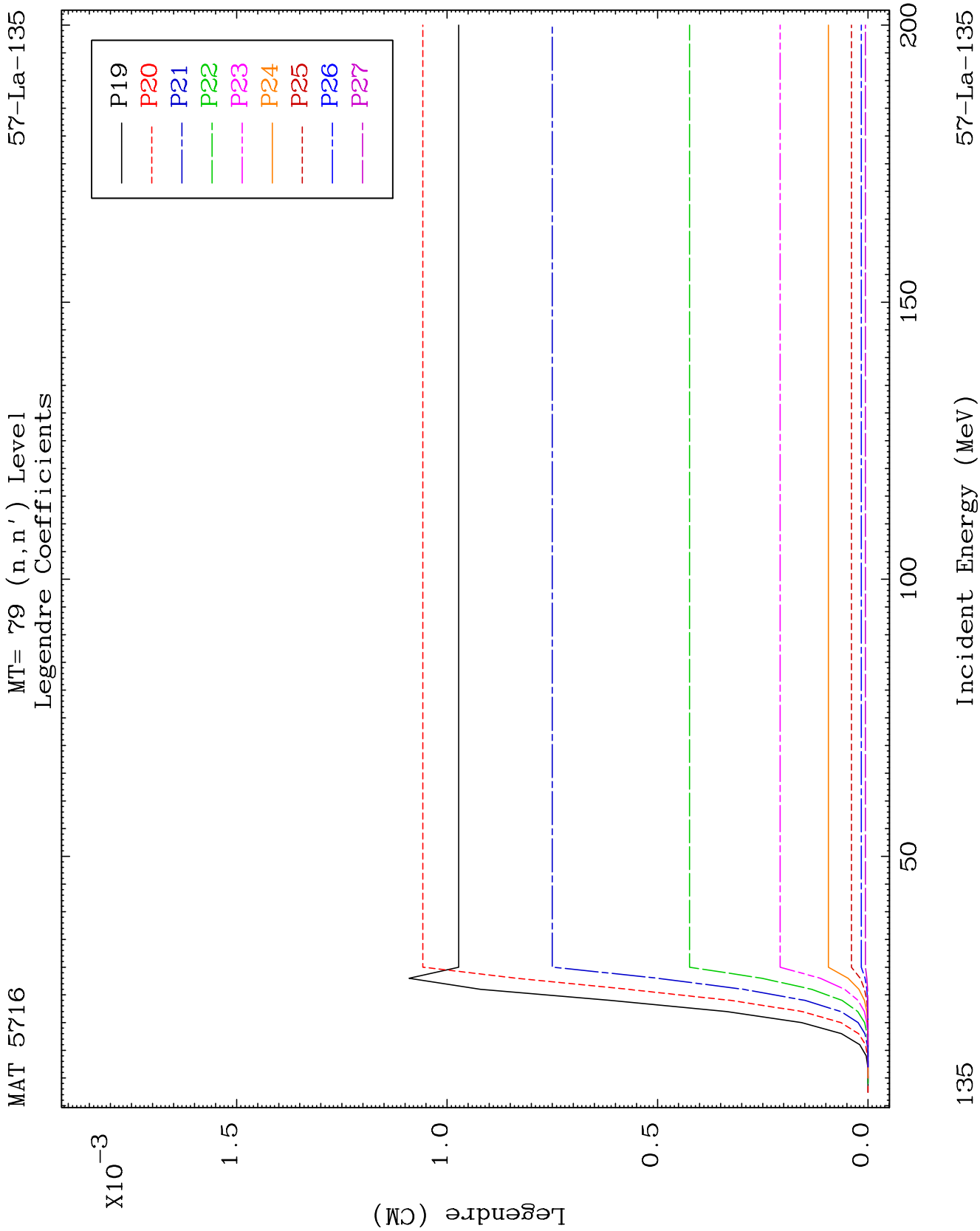
MT= 78 (n, n') Level
Legendre Coefficients

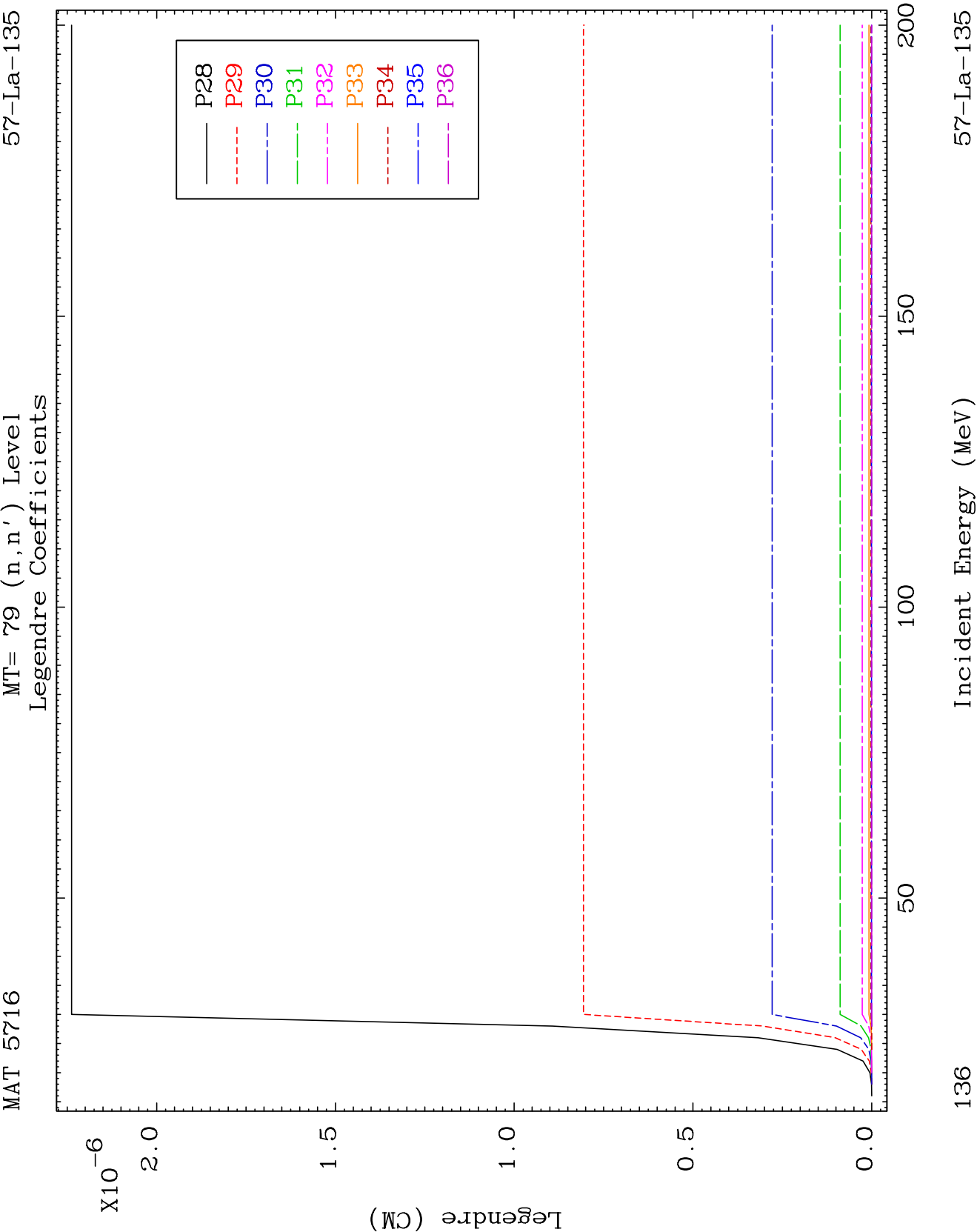
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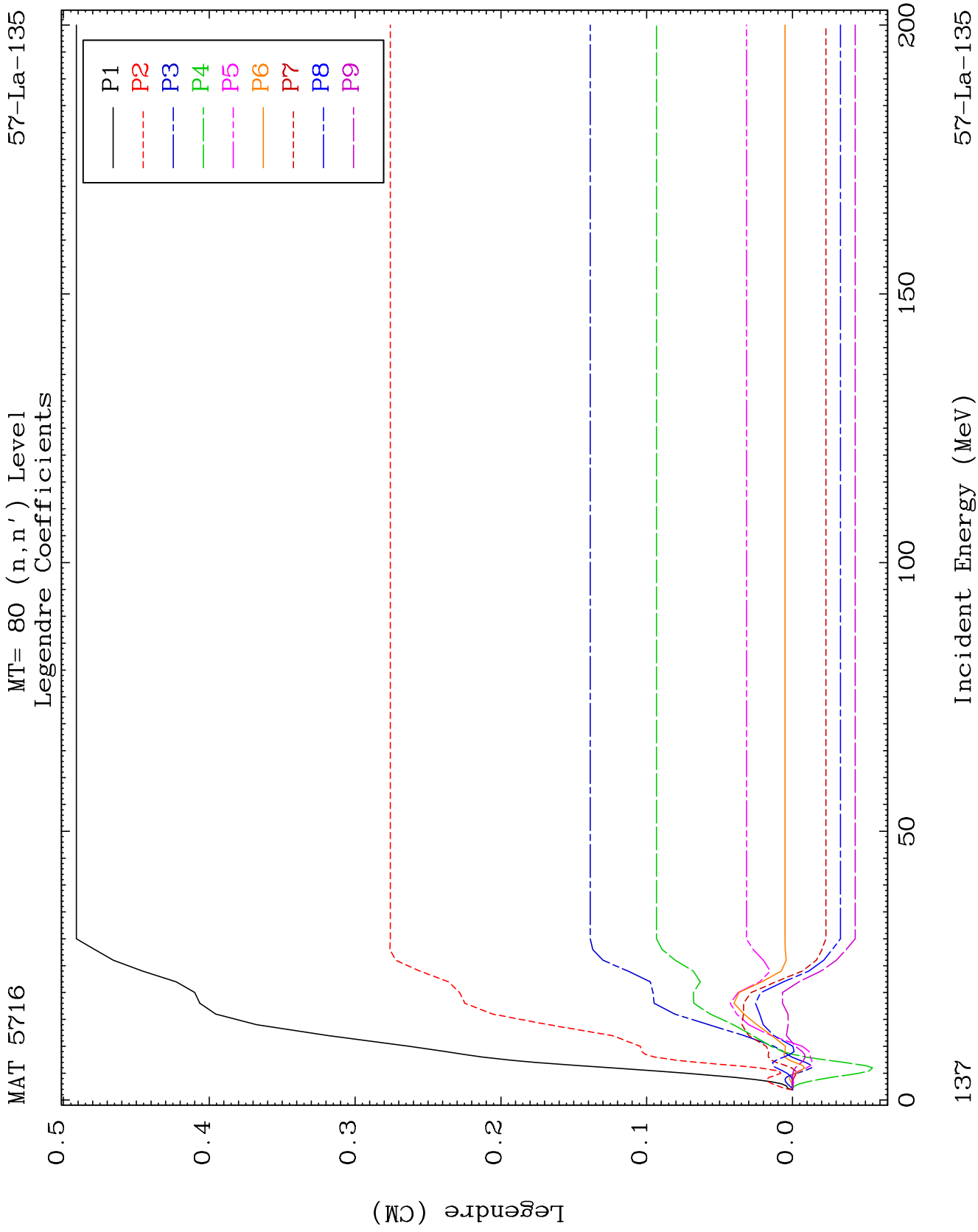


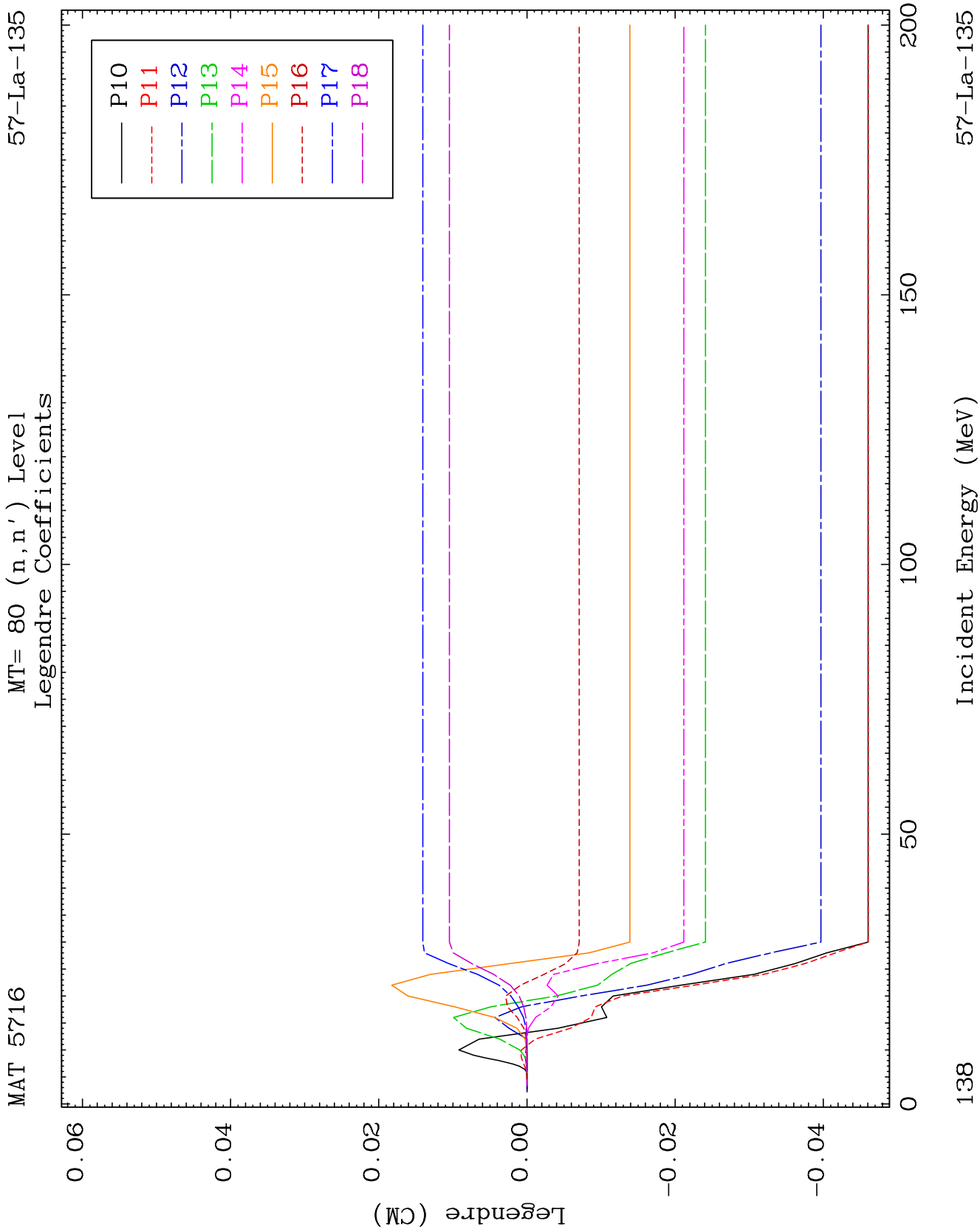


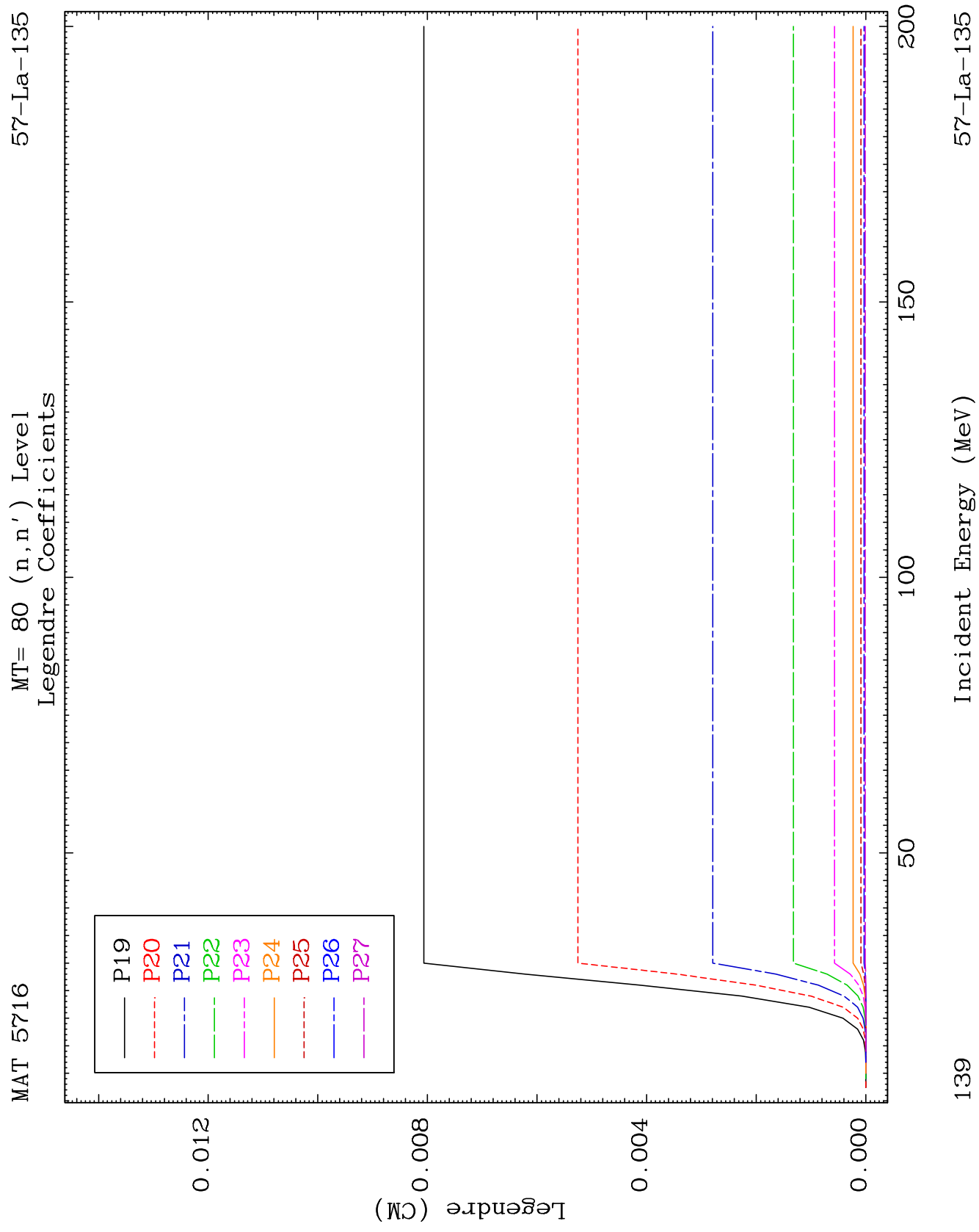


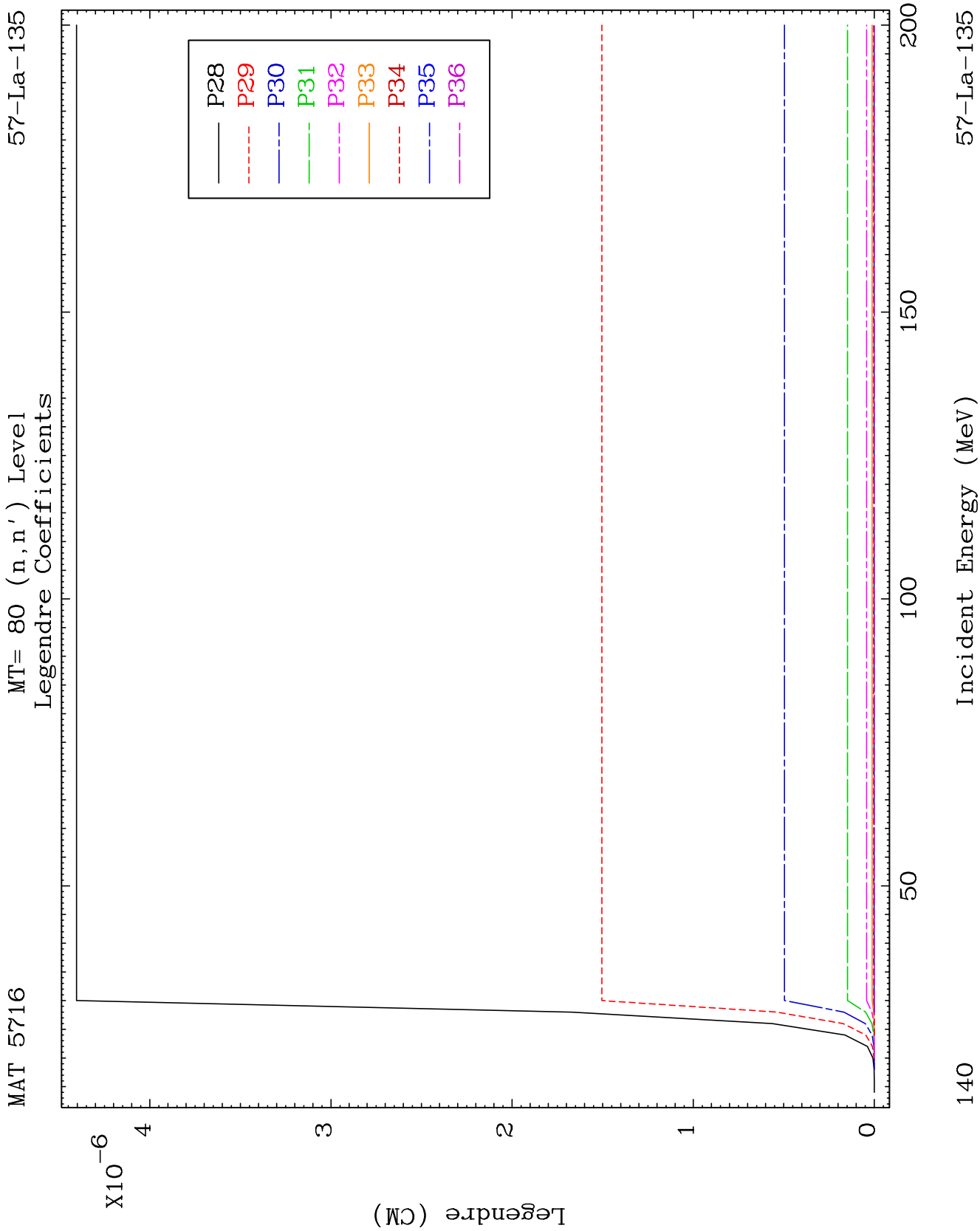










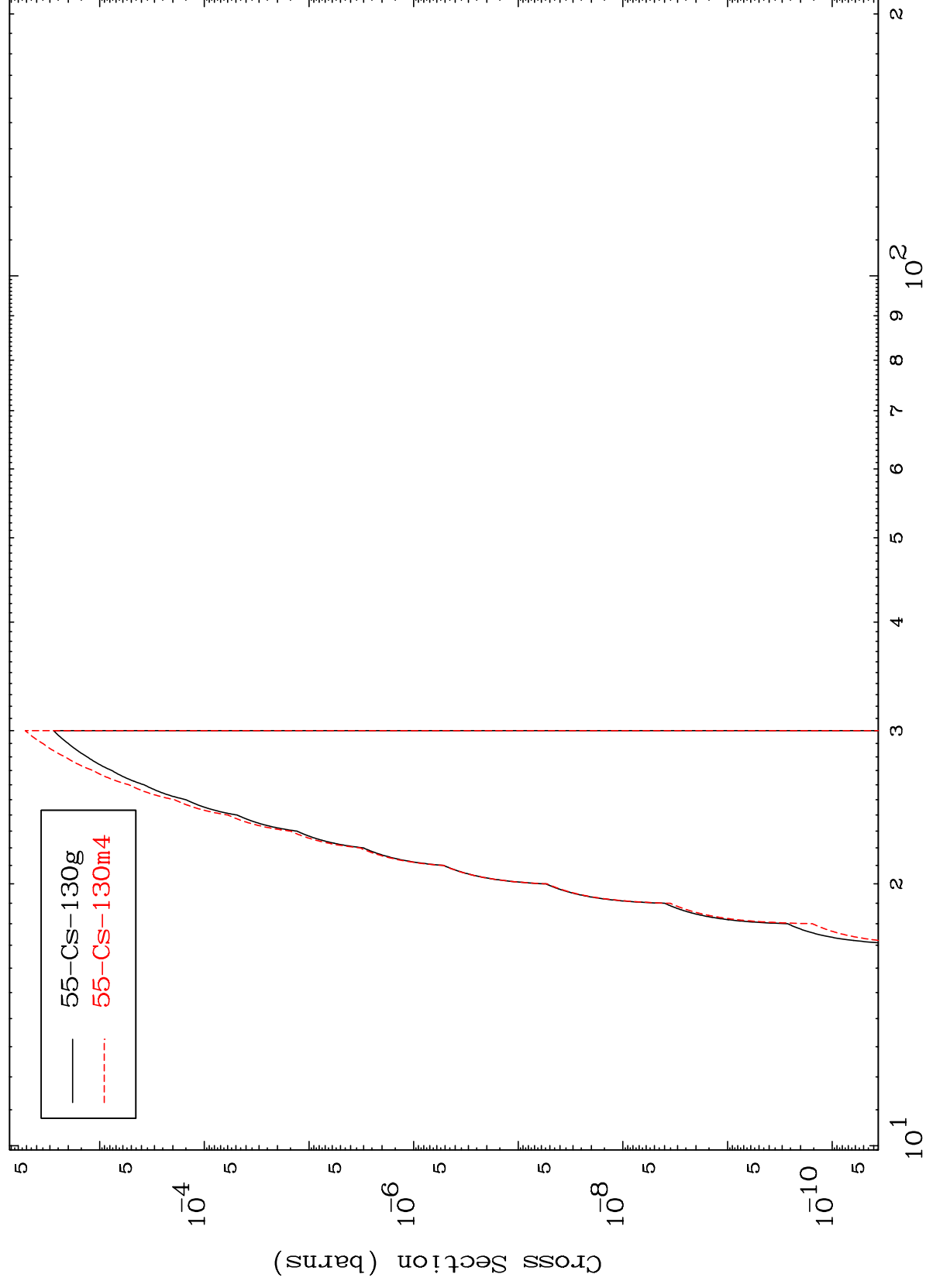


MAT 5716

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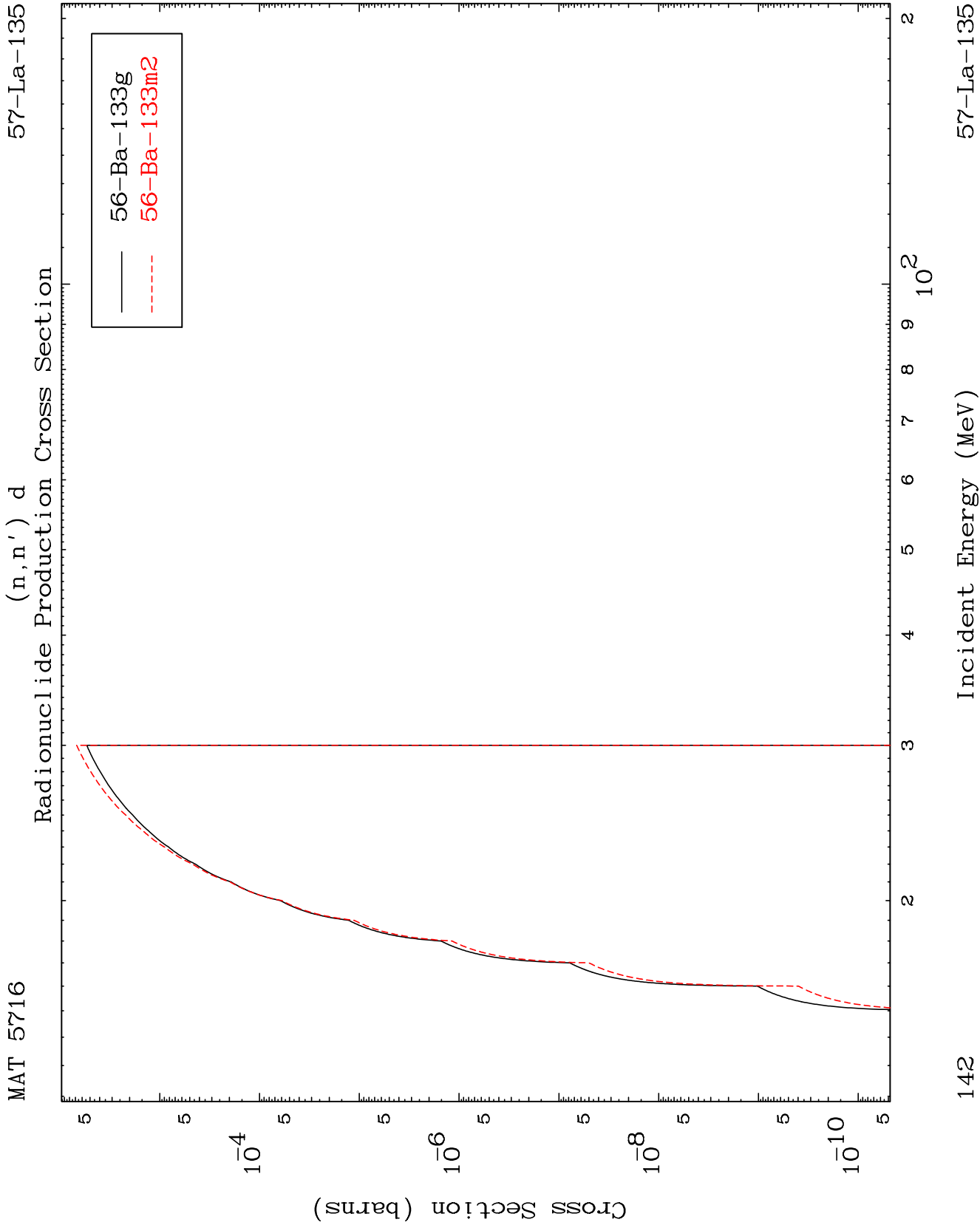
$$(n, 2n) \propto$$

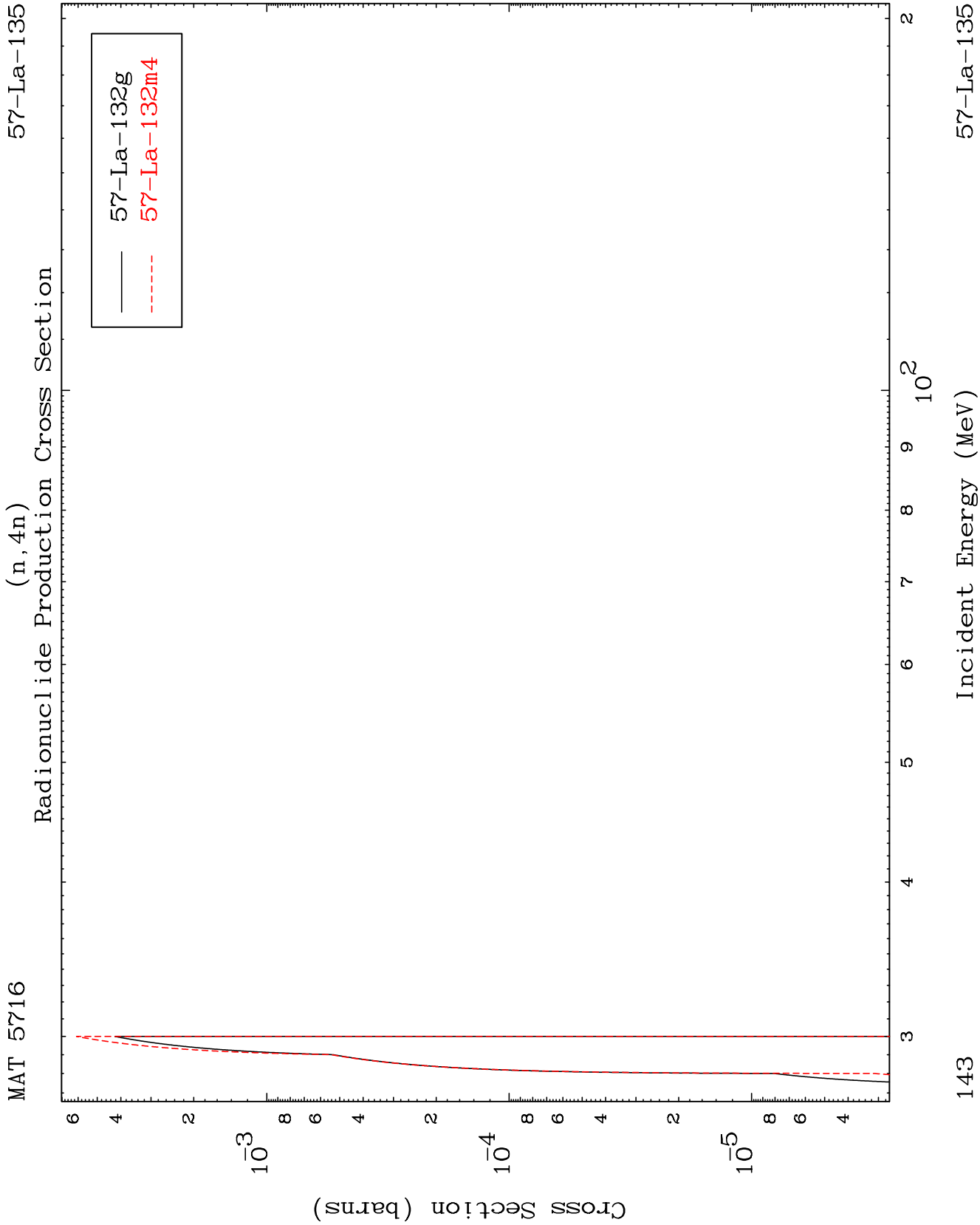
Radionuclide Production Cross Section

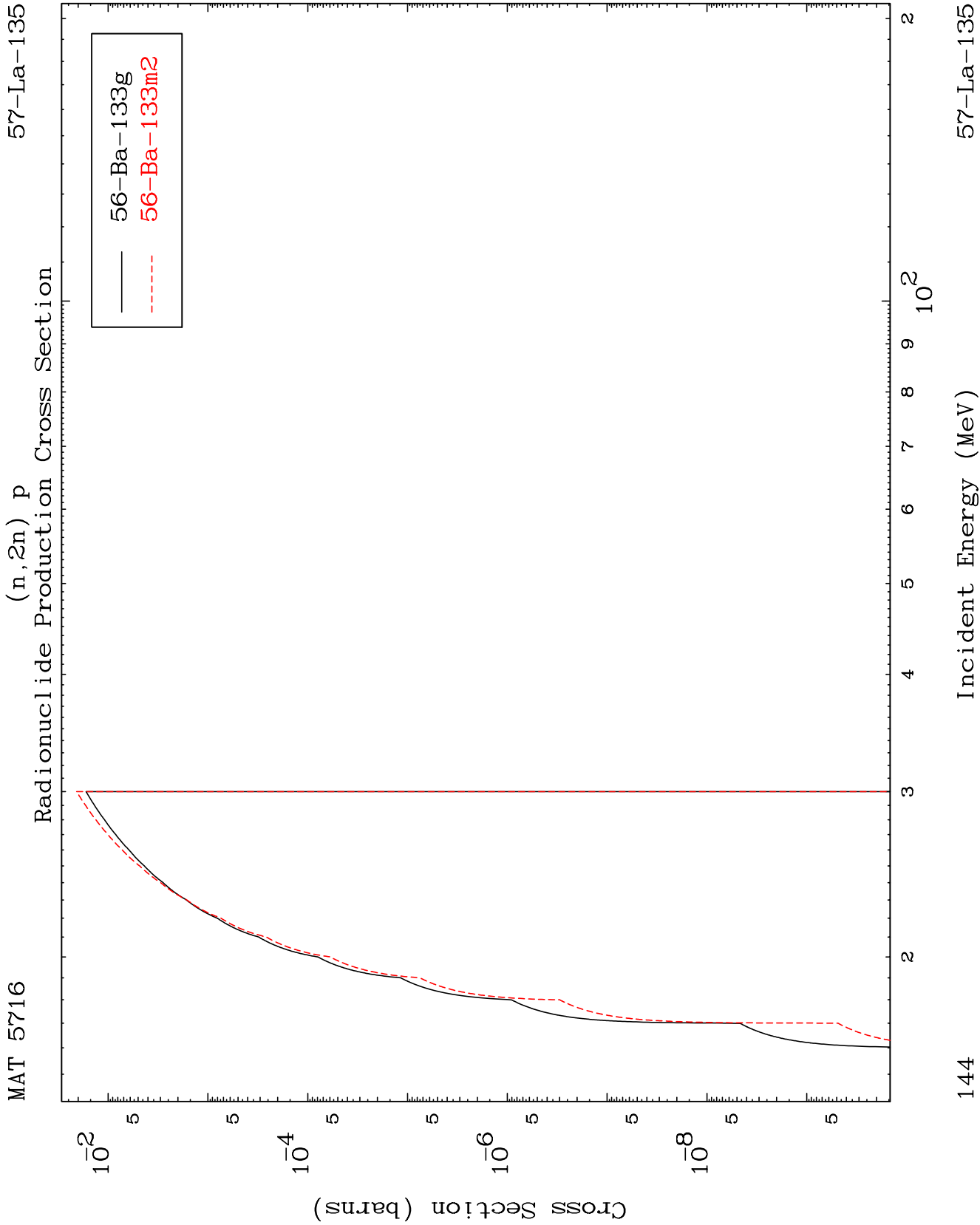


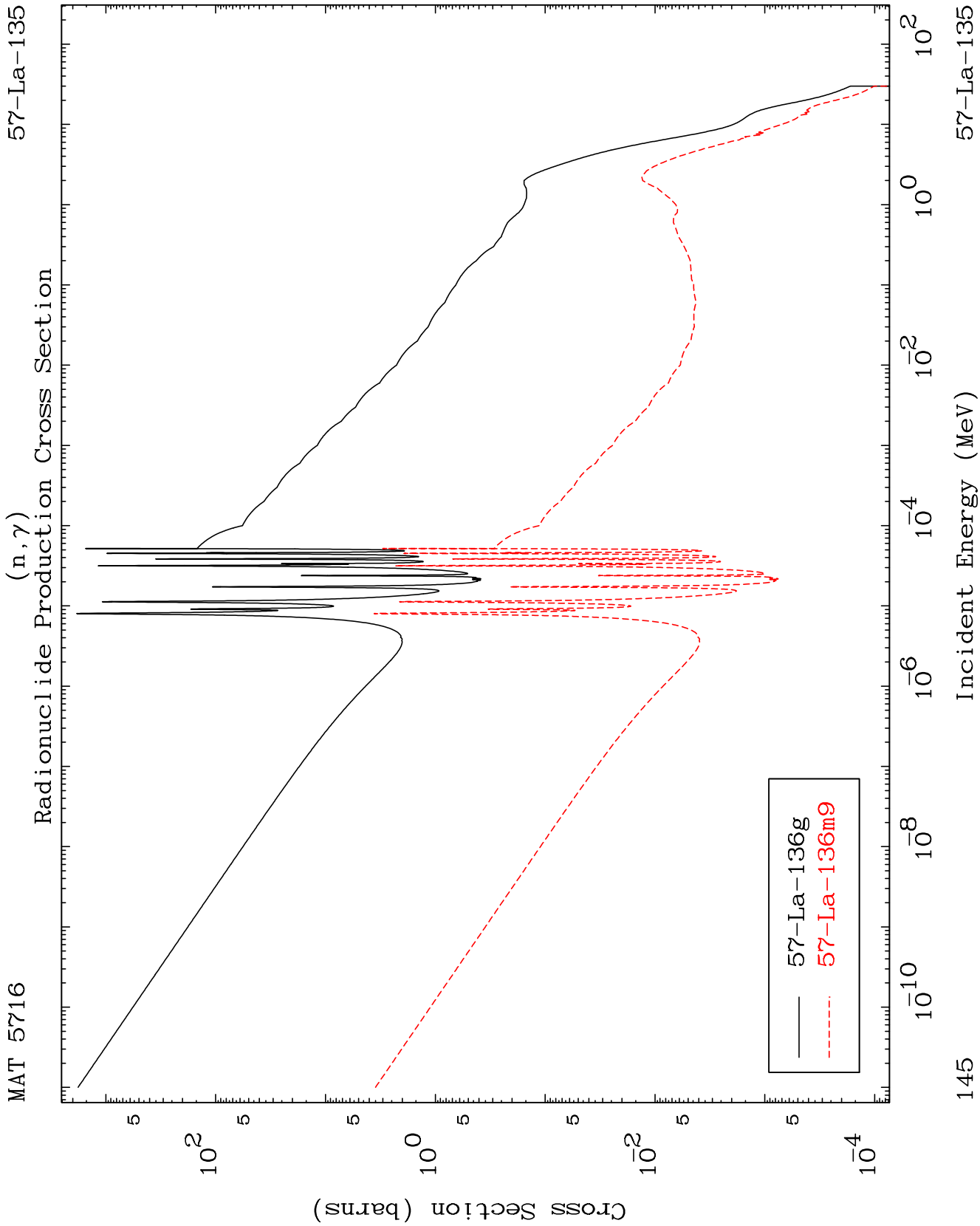
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Incident Energy (MeV)





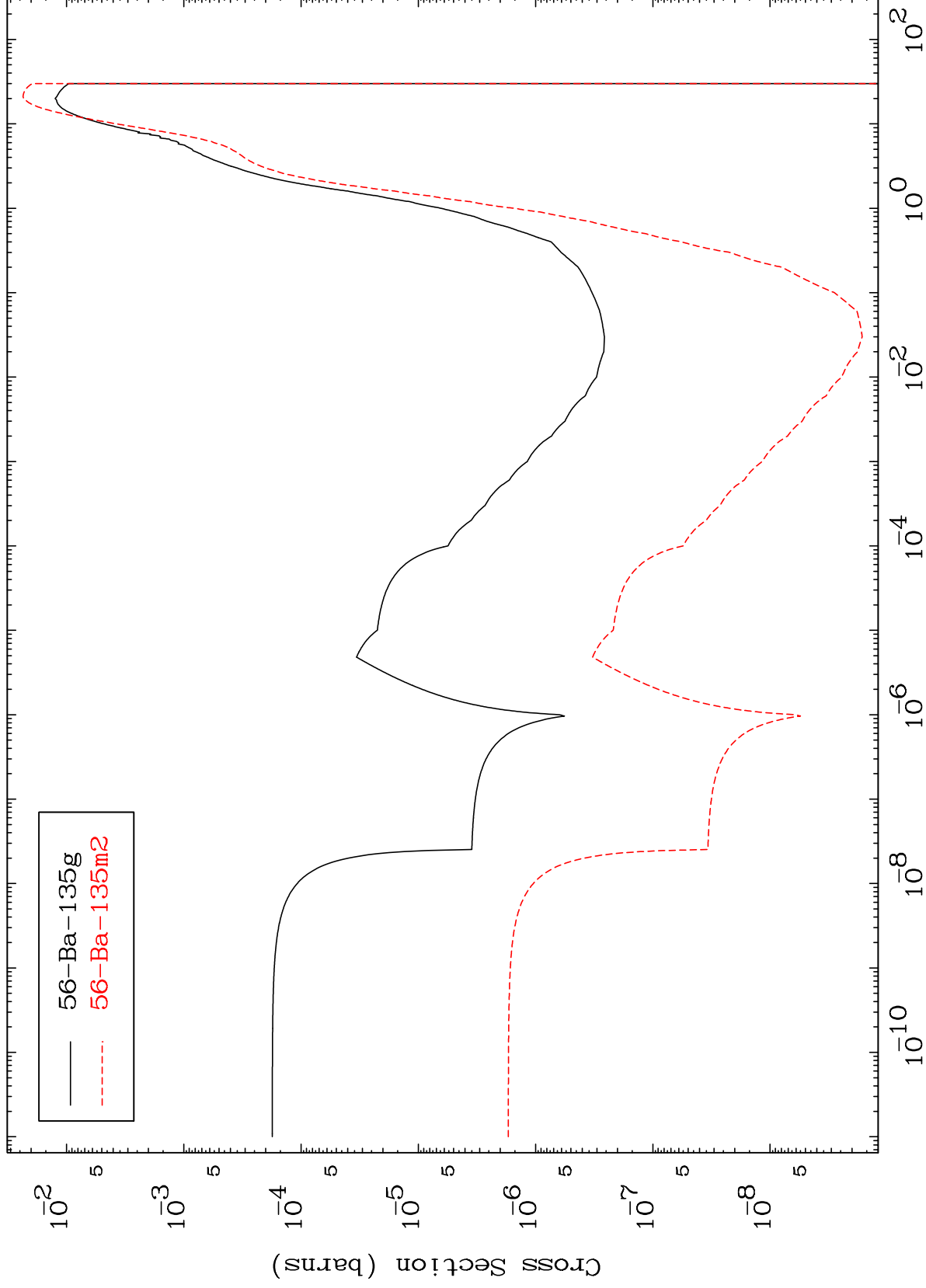




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Radionuclide Production Cross Section



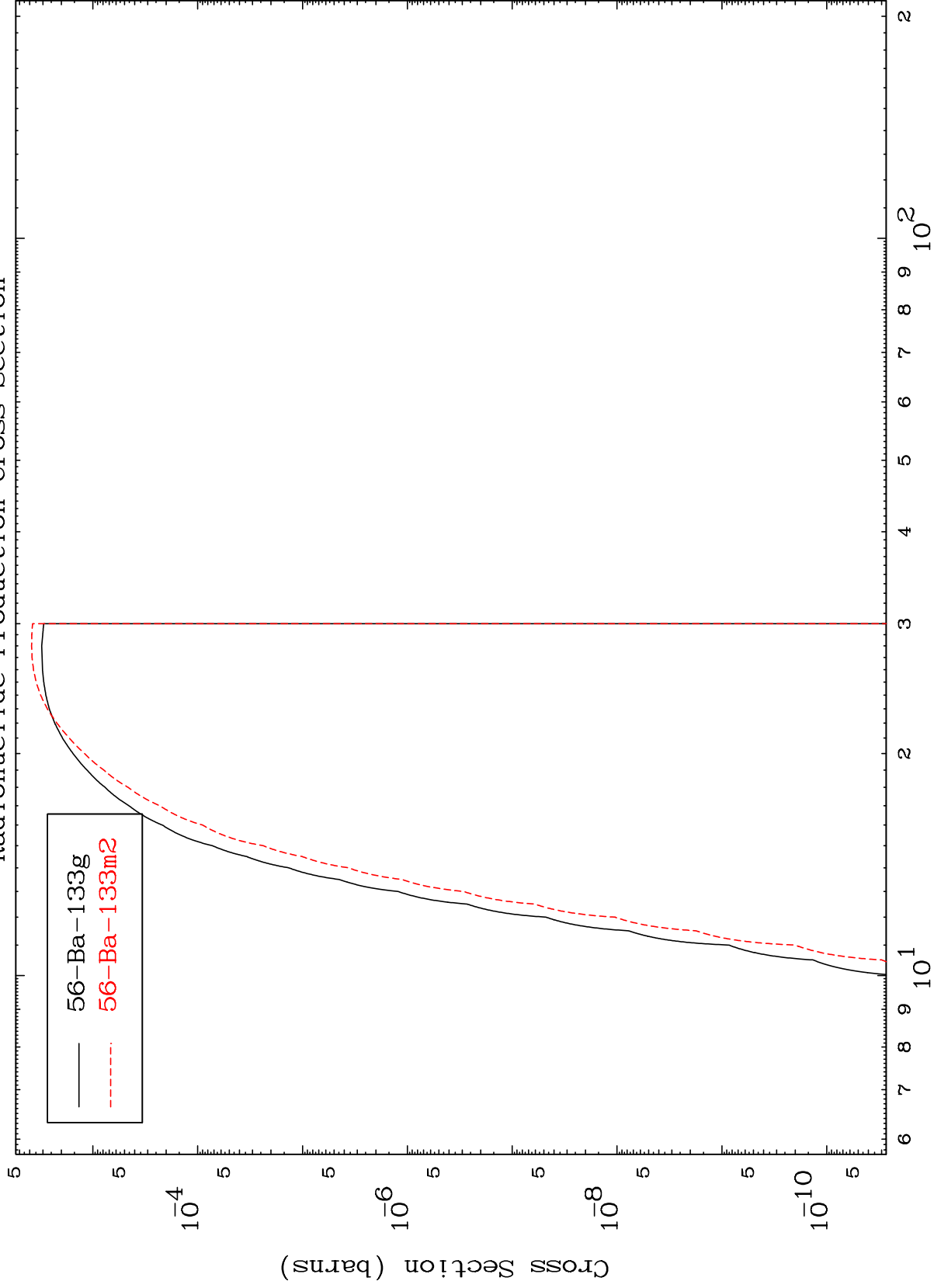
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Radionuclide Production Cross Section

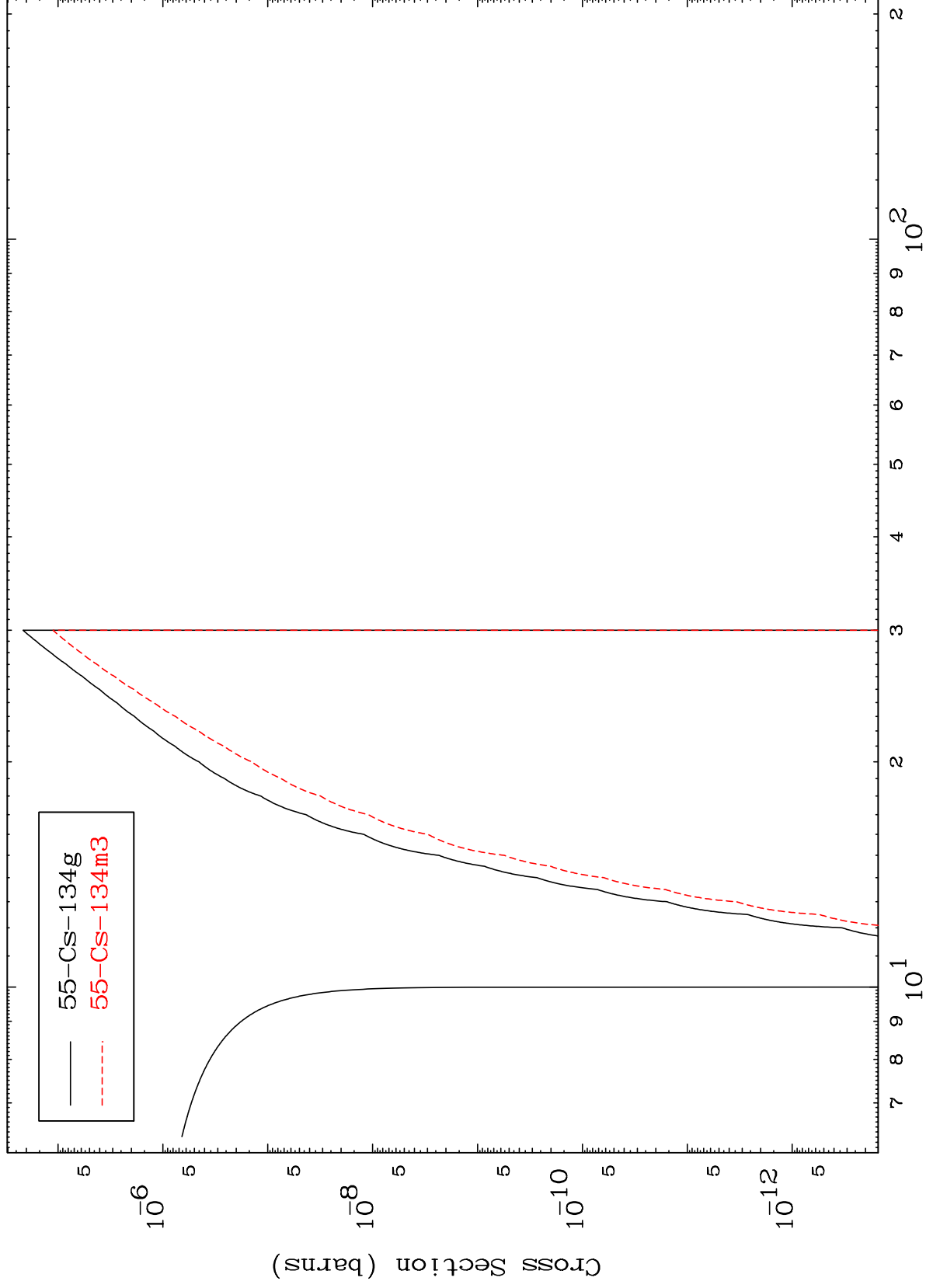


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Incident Energy (MeV)

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Radionuclide Production Cross Section (n,2p)

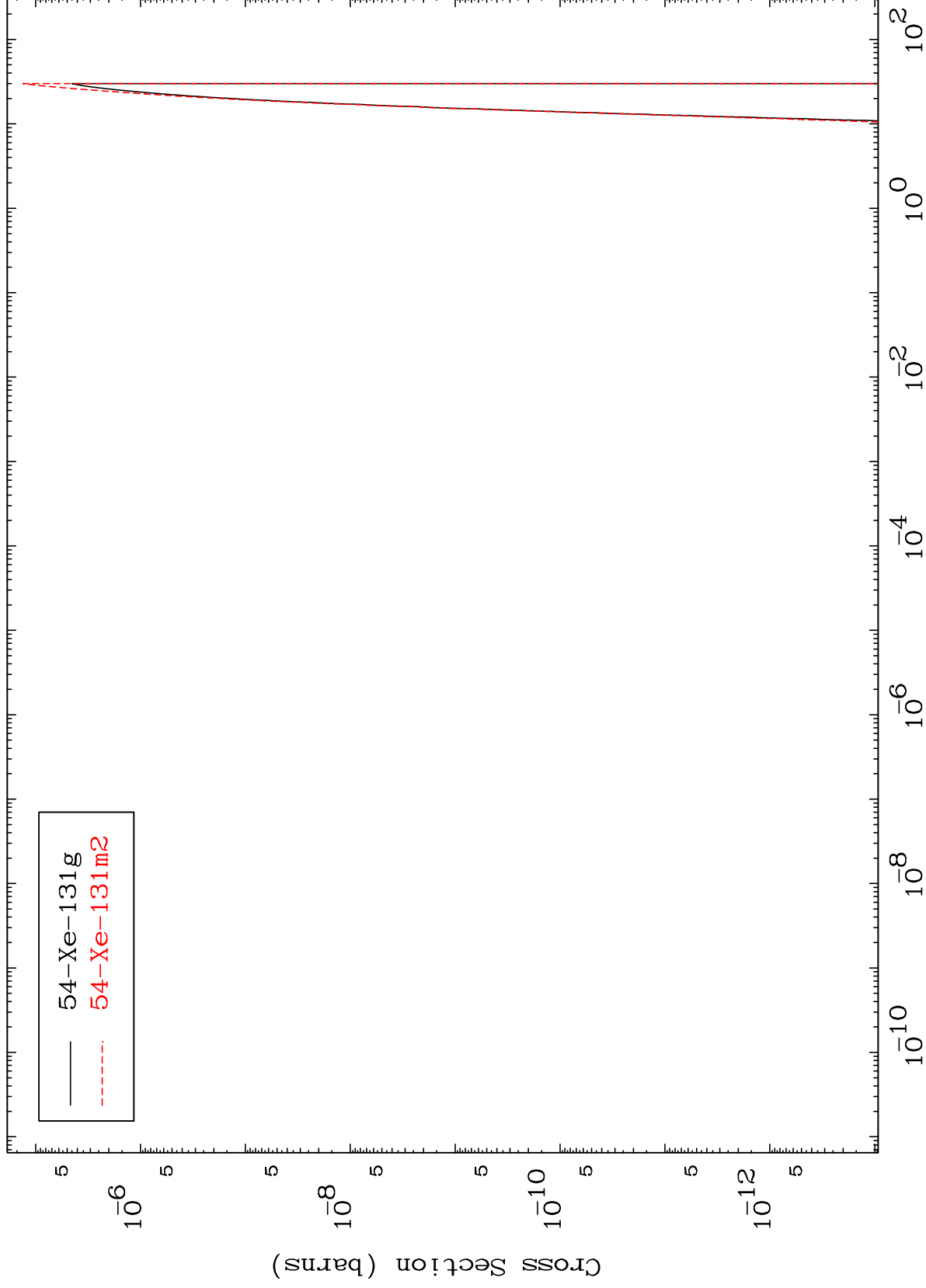


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(n,p) α

Radionuclide Production Cross Section



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