

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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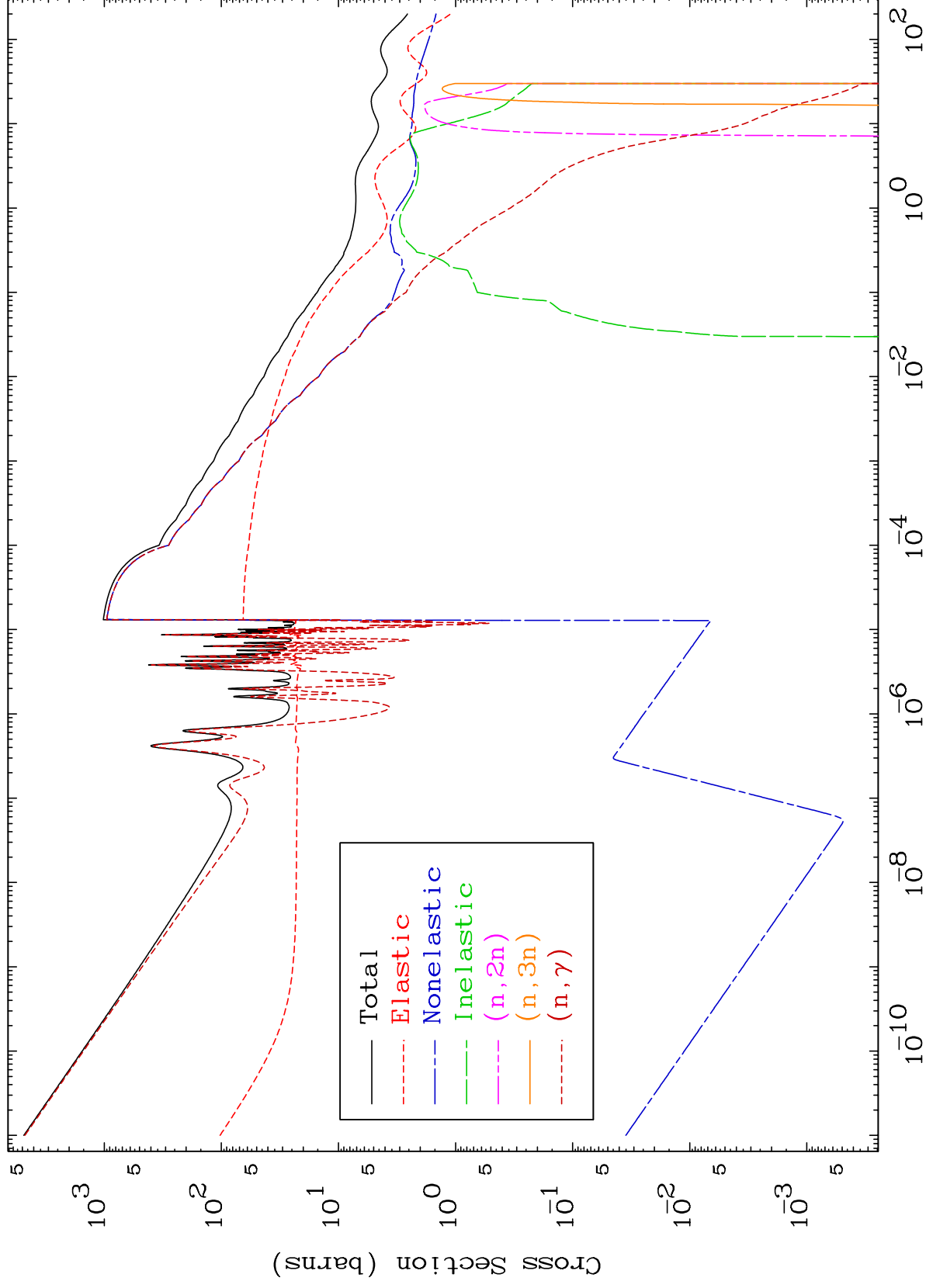
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7022

Neutron Major  
293 Kelvin Cross Sections

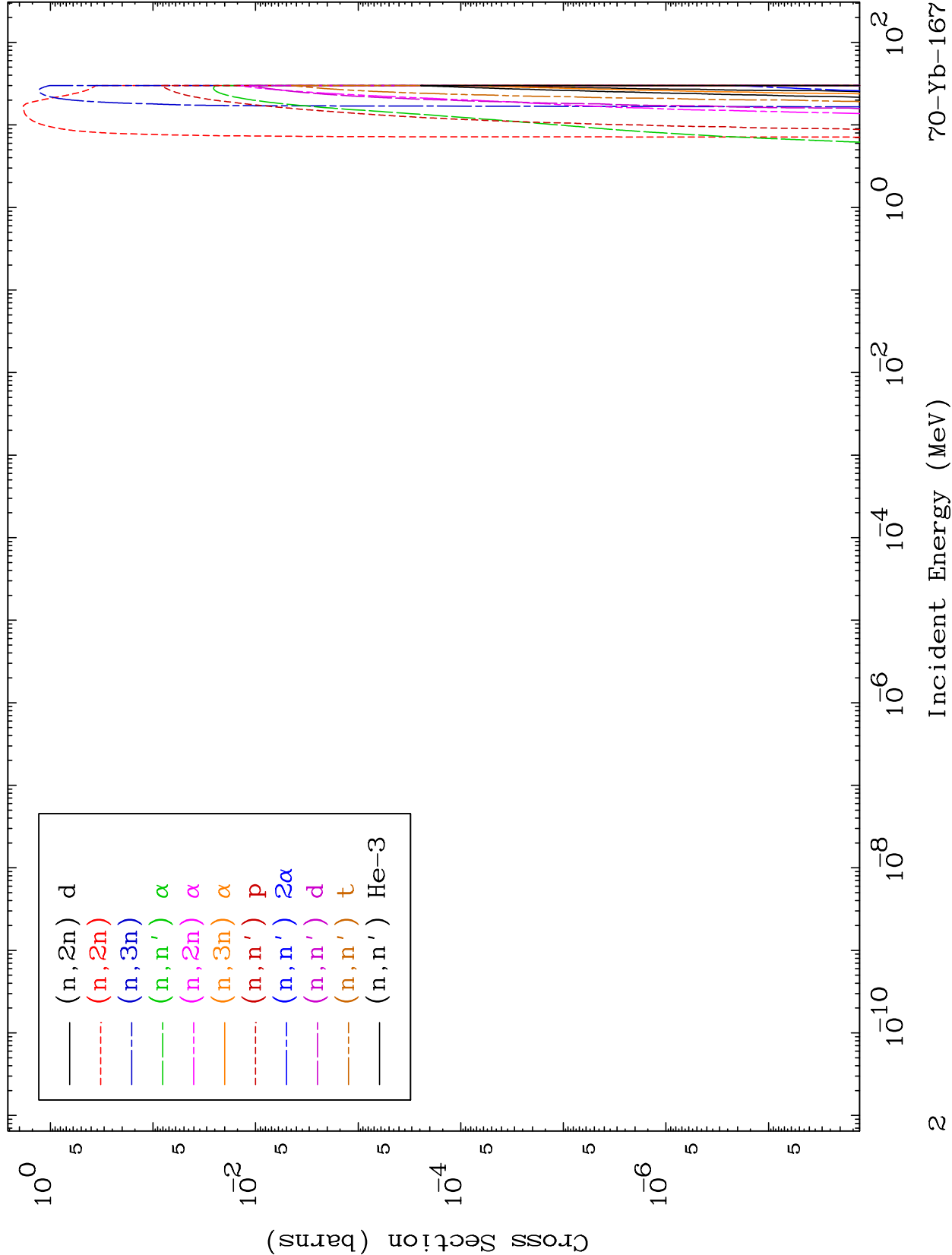
70-Yb-167

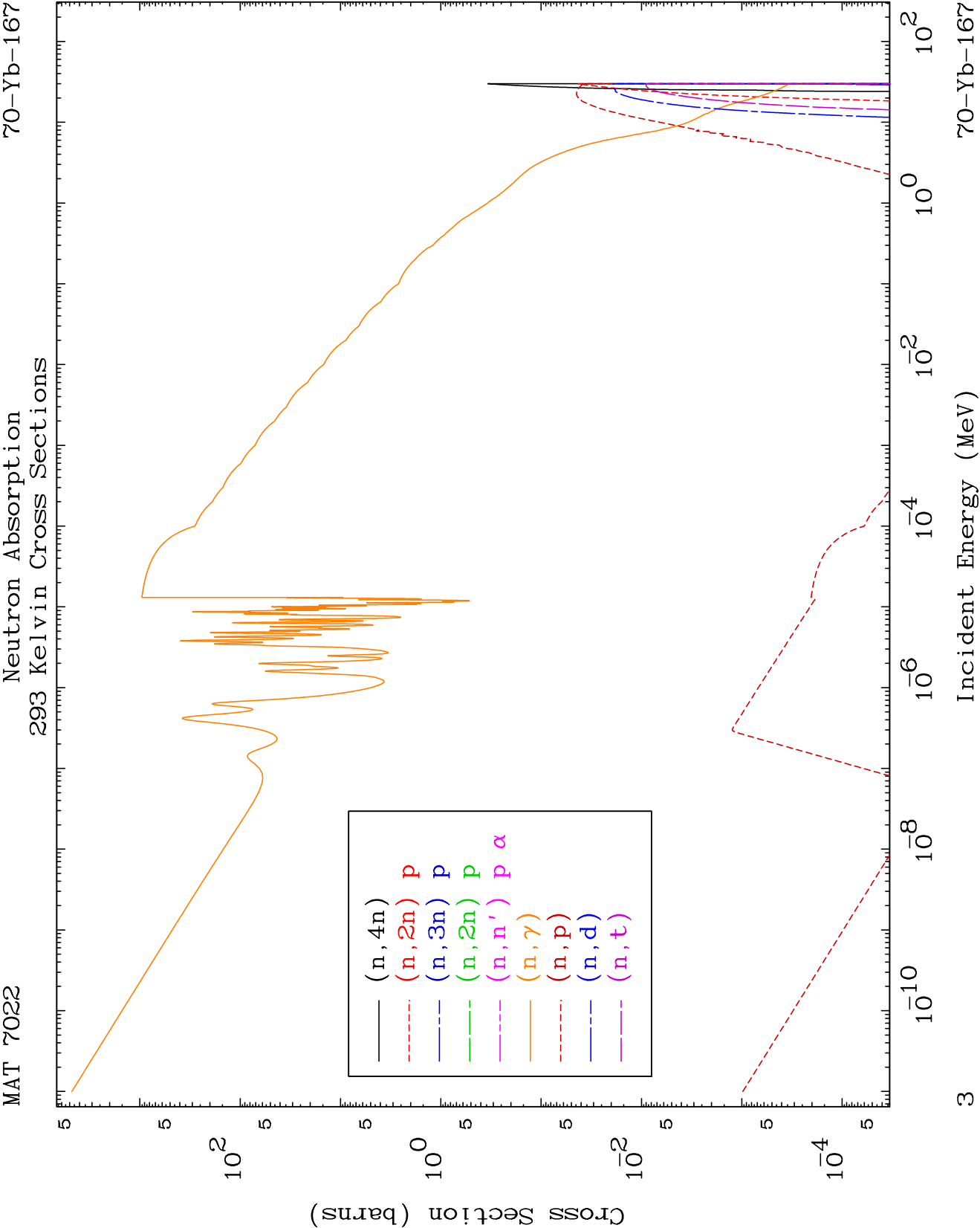


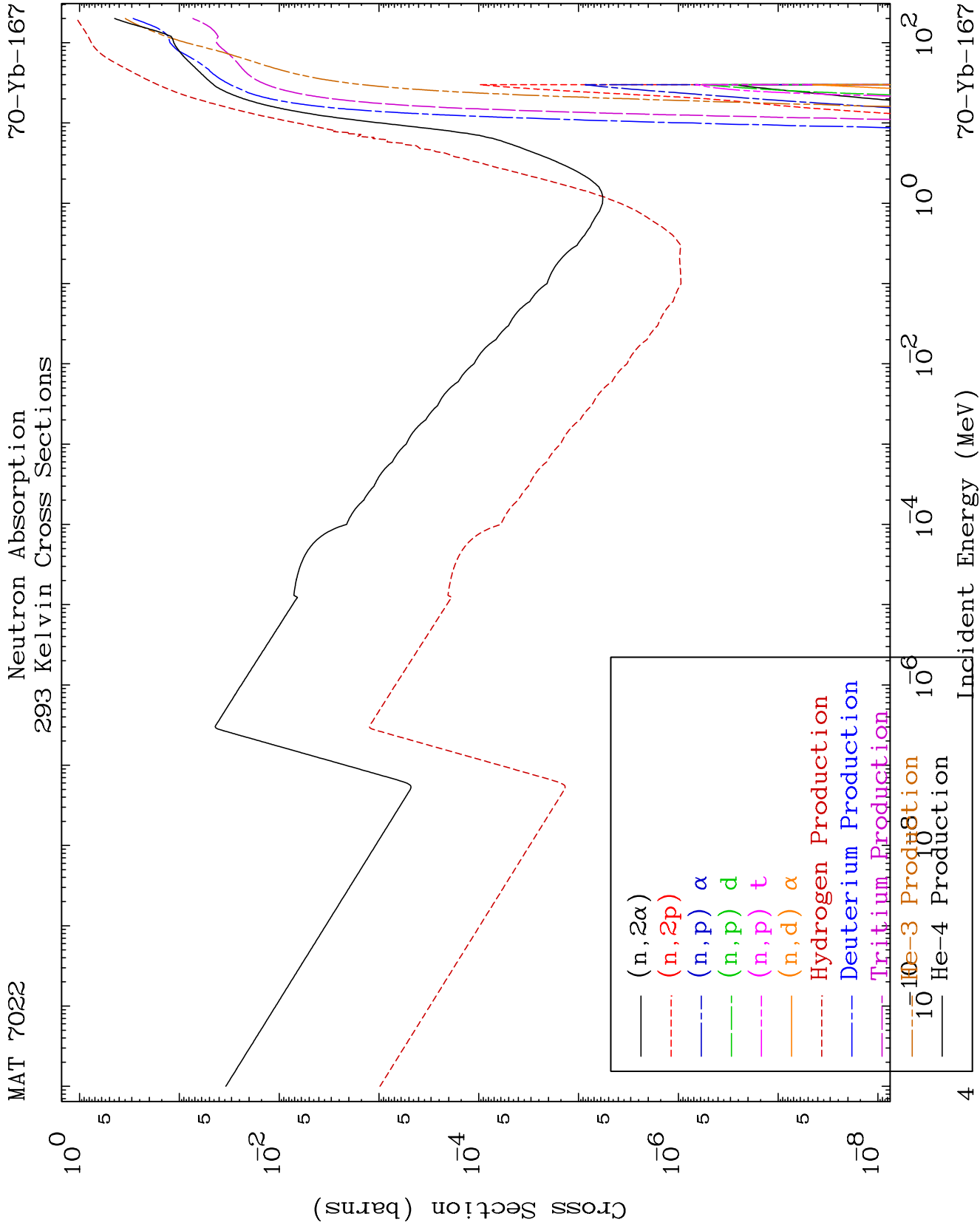
MAT 7022

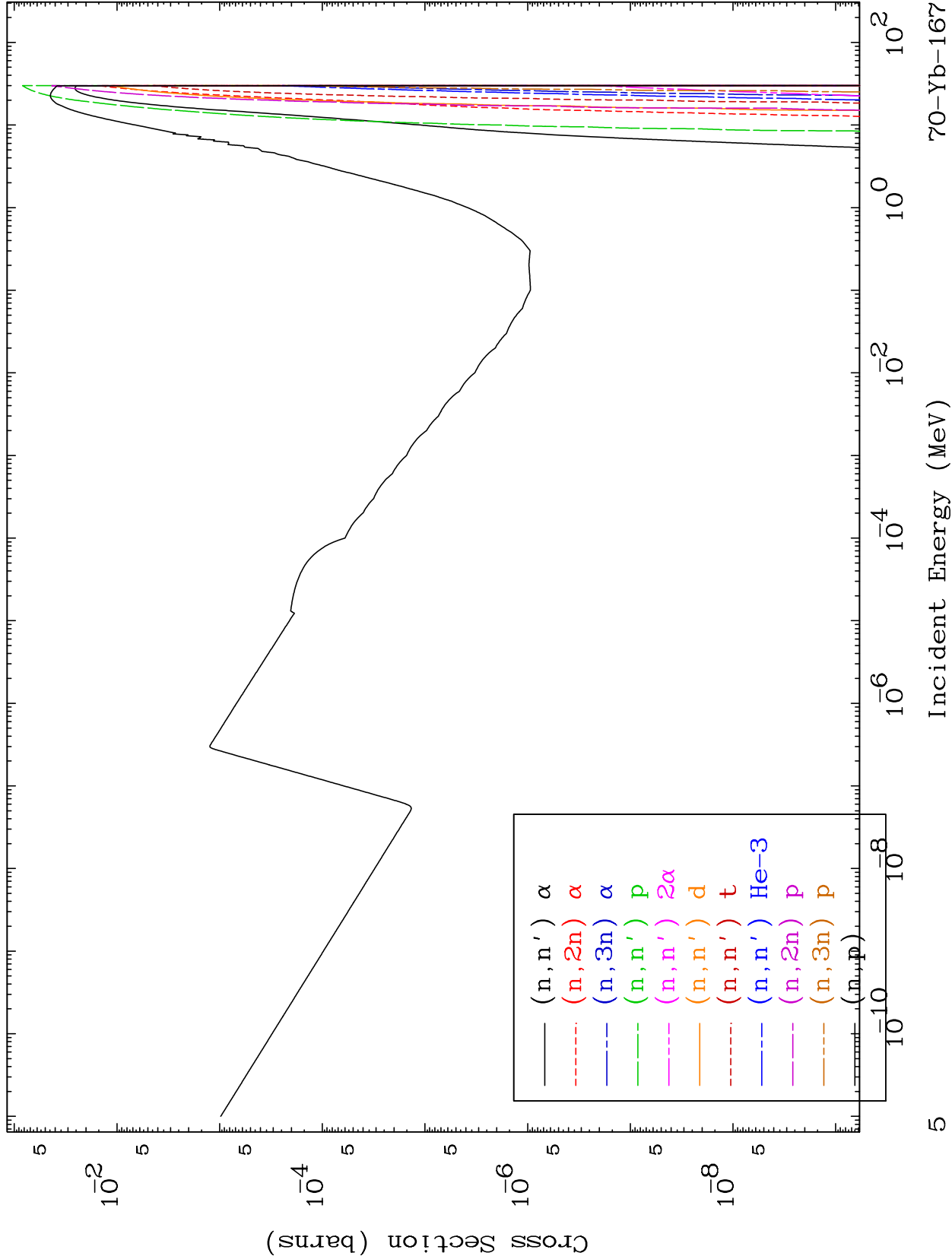
Neutron Absorption  
293 Kelvin Cross Sections

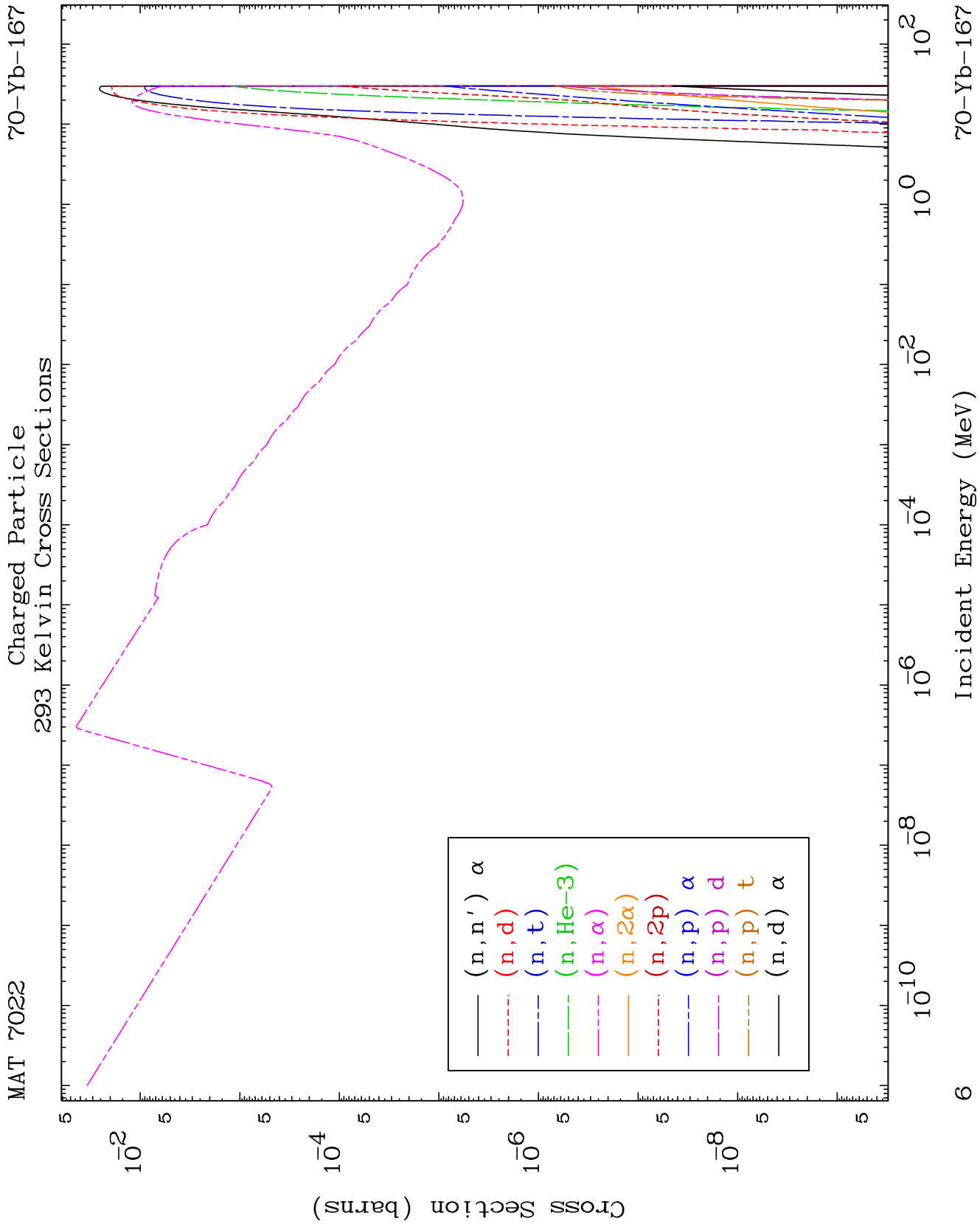
70-Yb-167

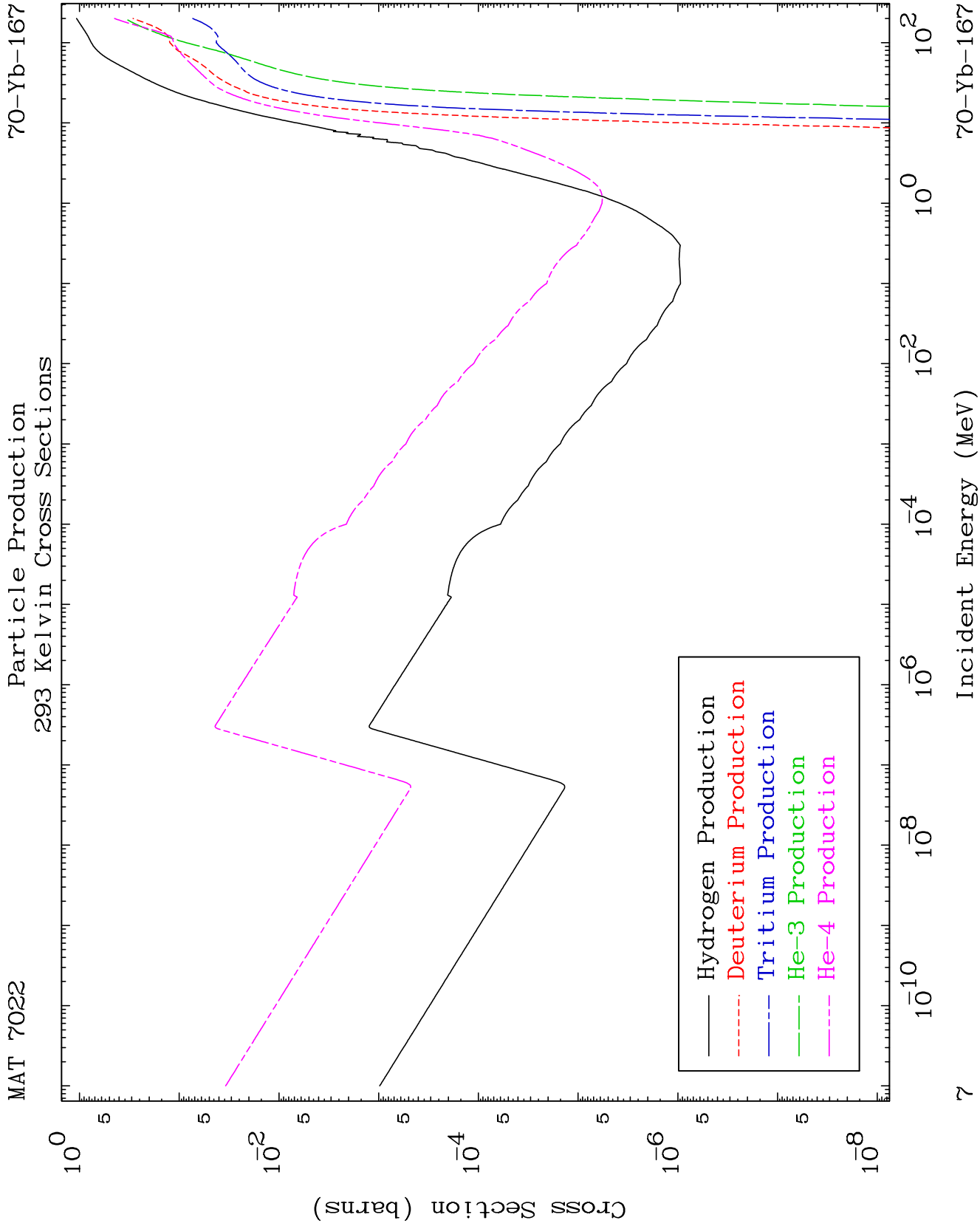




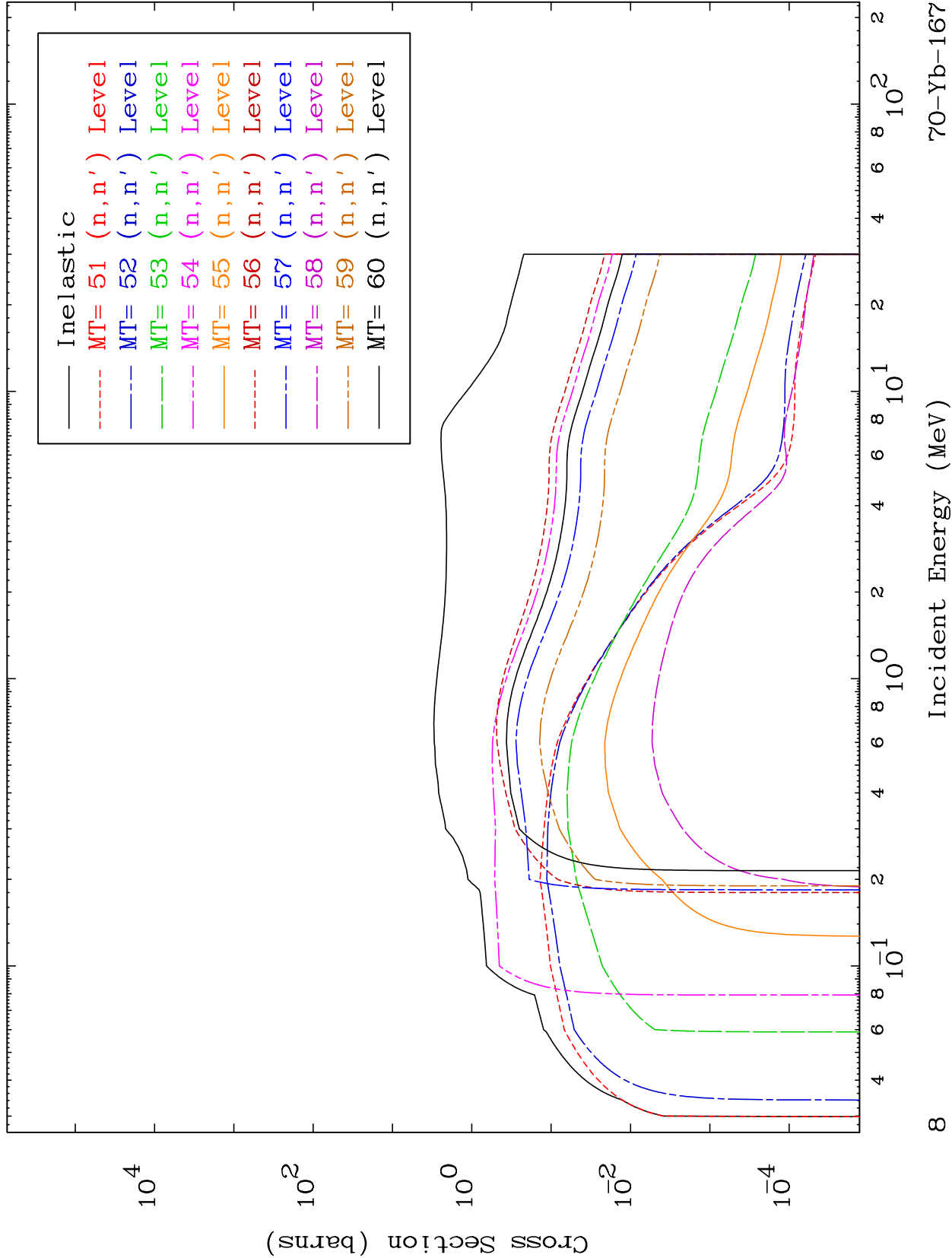


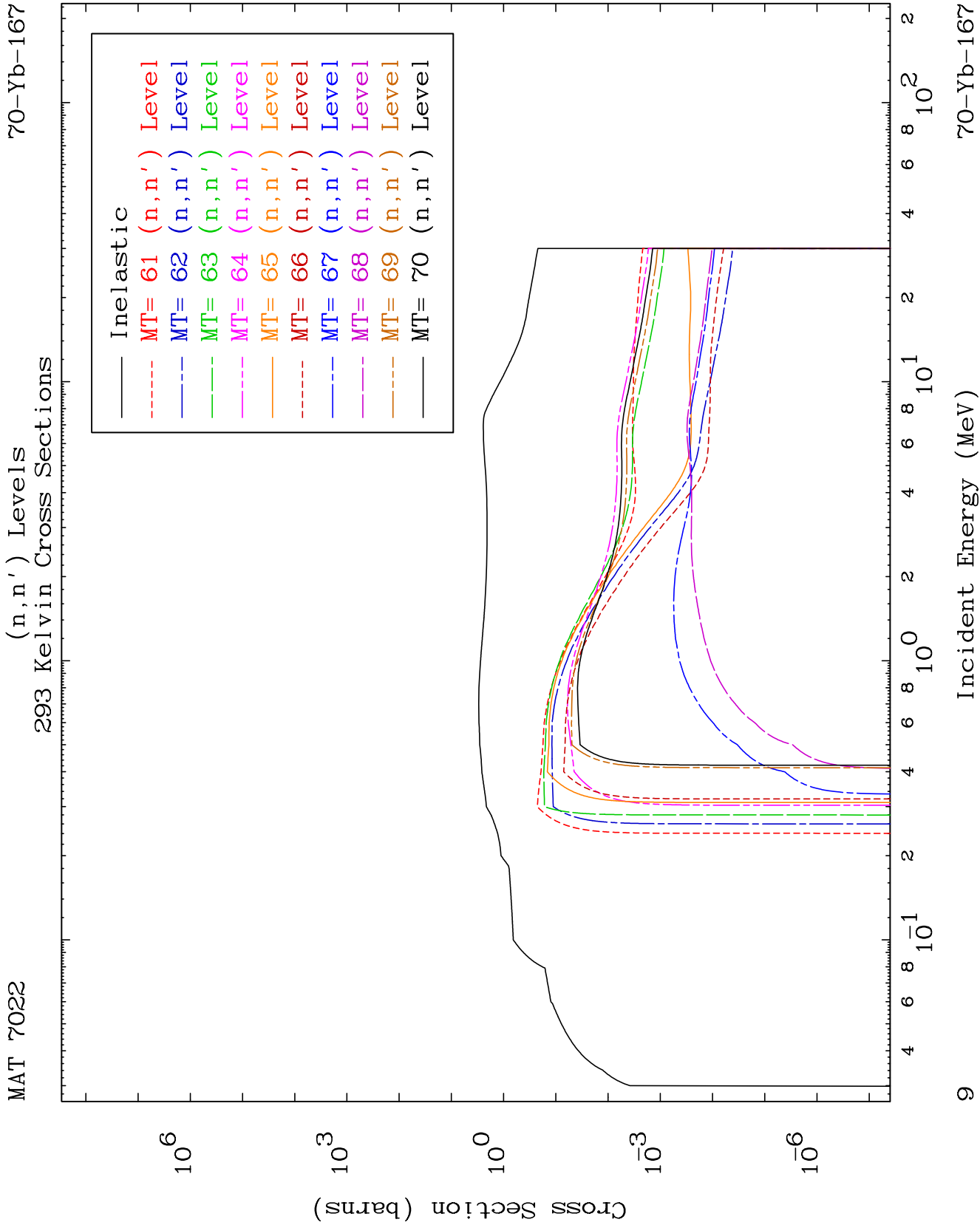


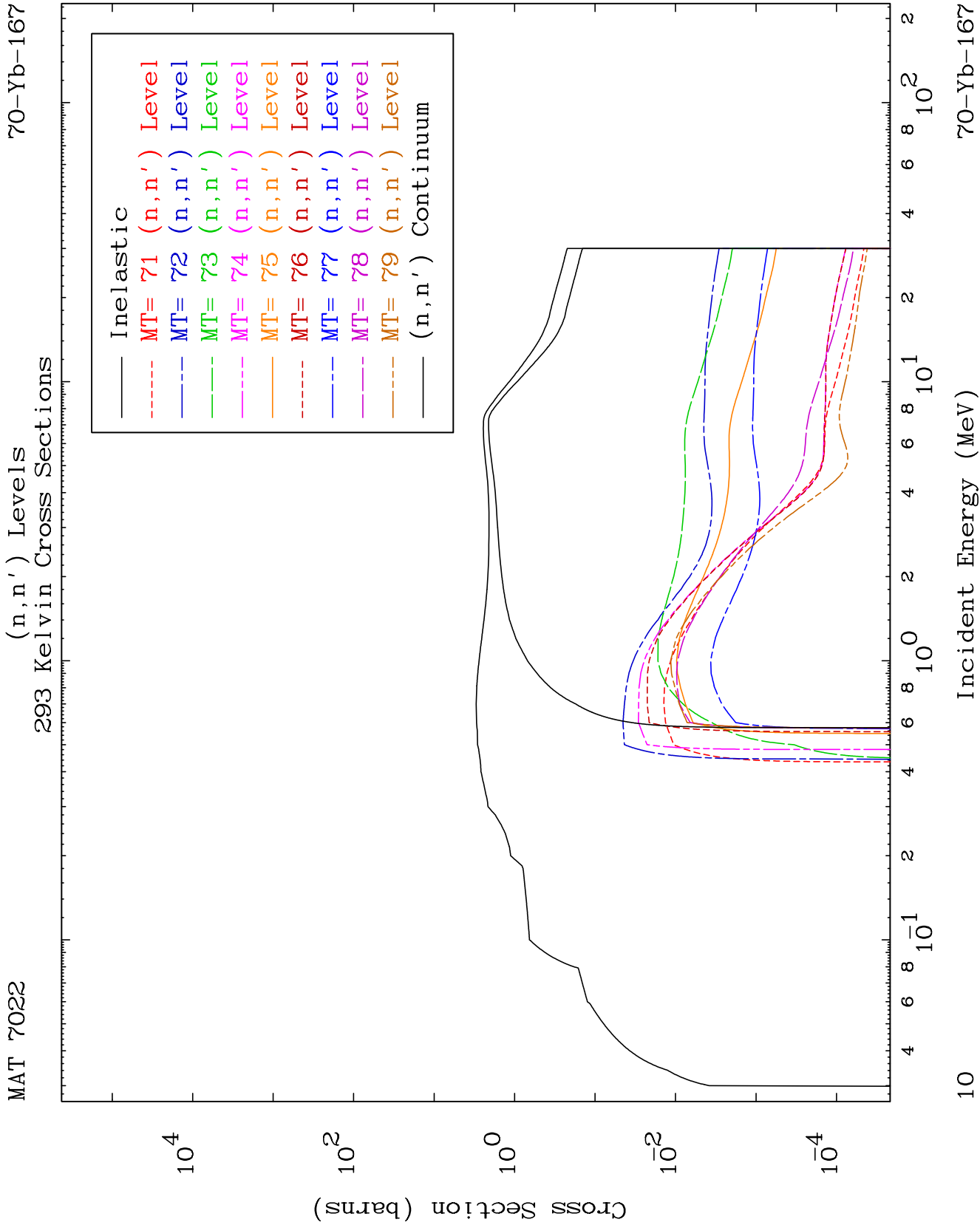


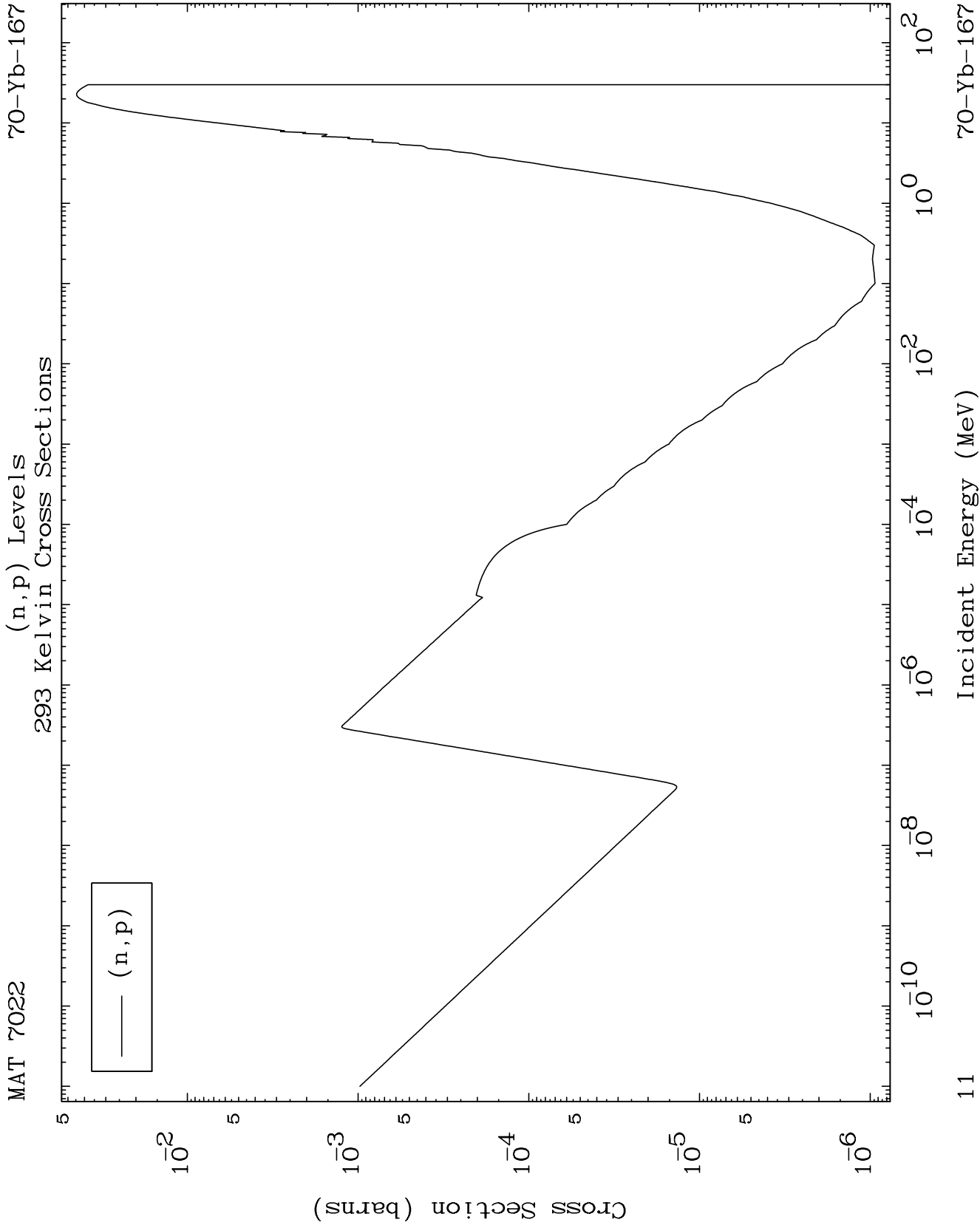


(n,n') Levels  
293 Kelvin Cross Sections





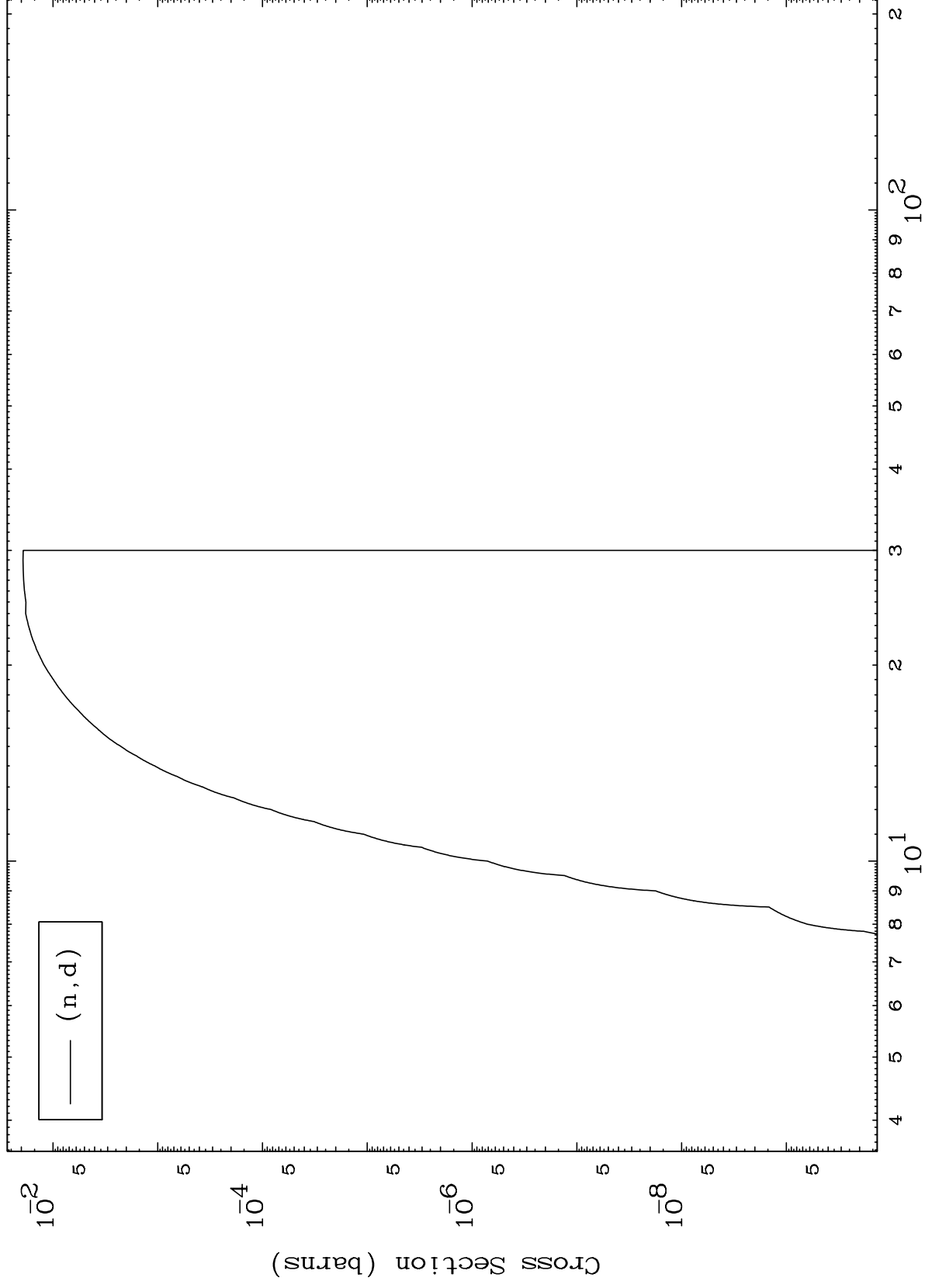




MAT 7022

(n,d) Levels  
293 Kelvin Cross Sections

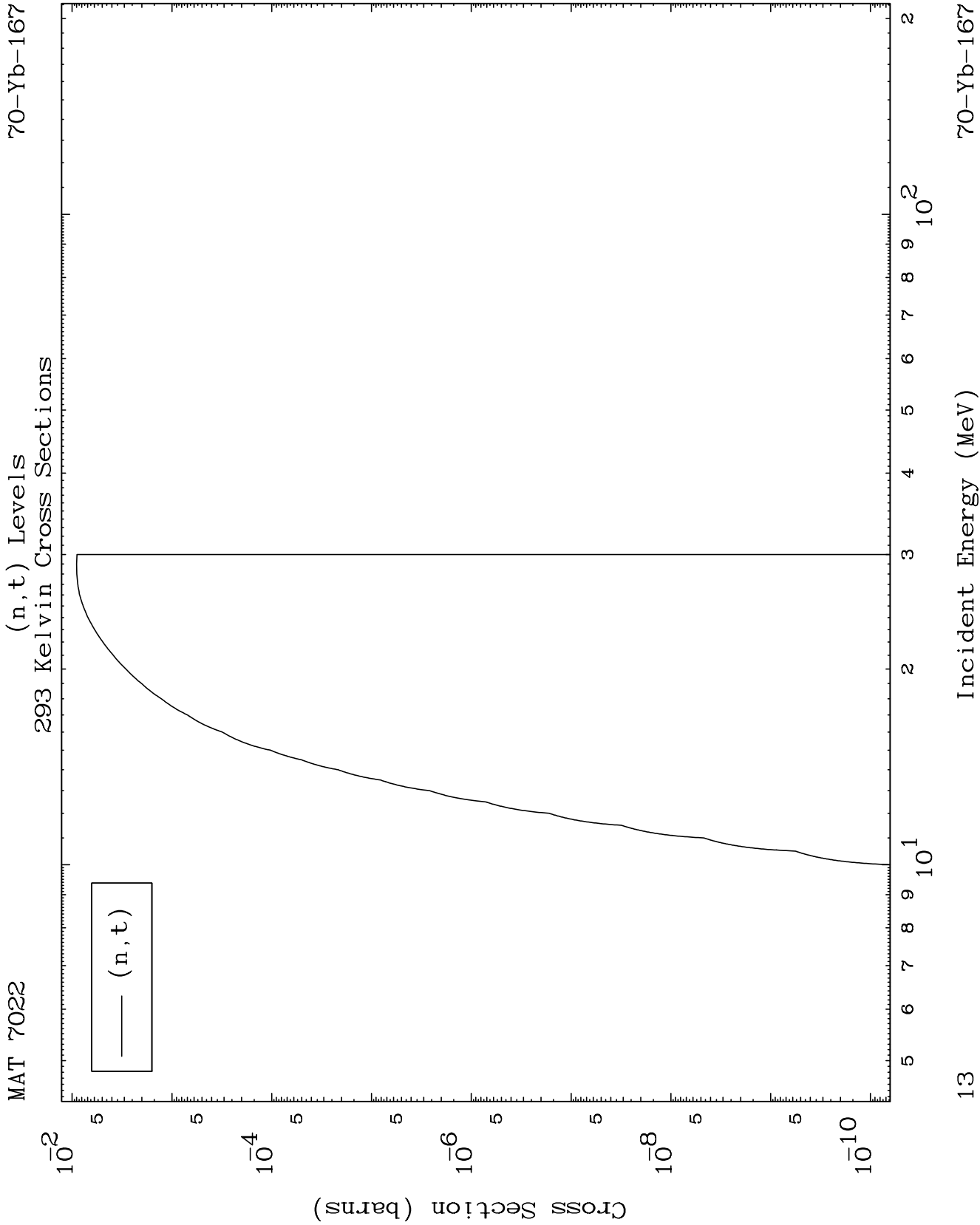
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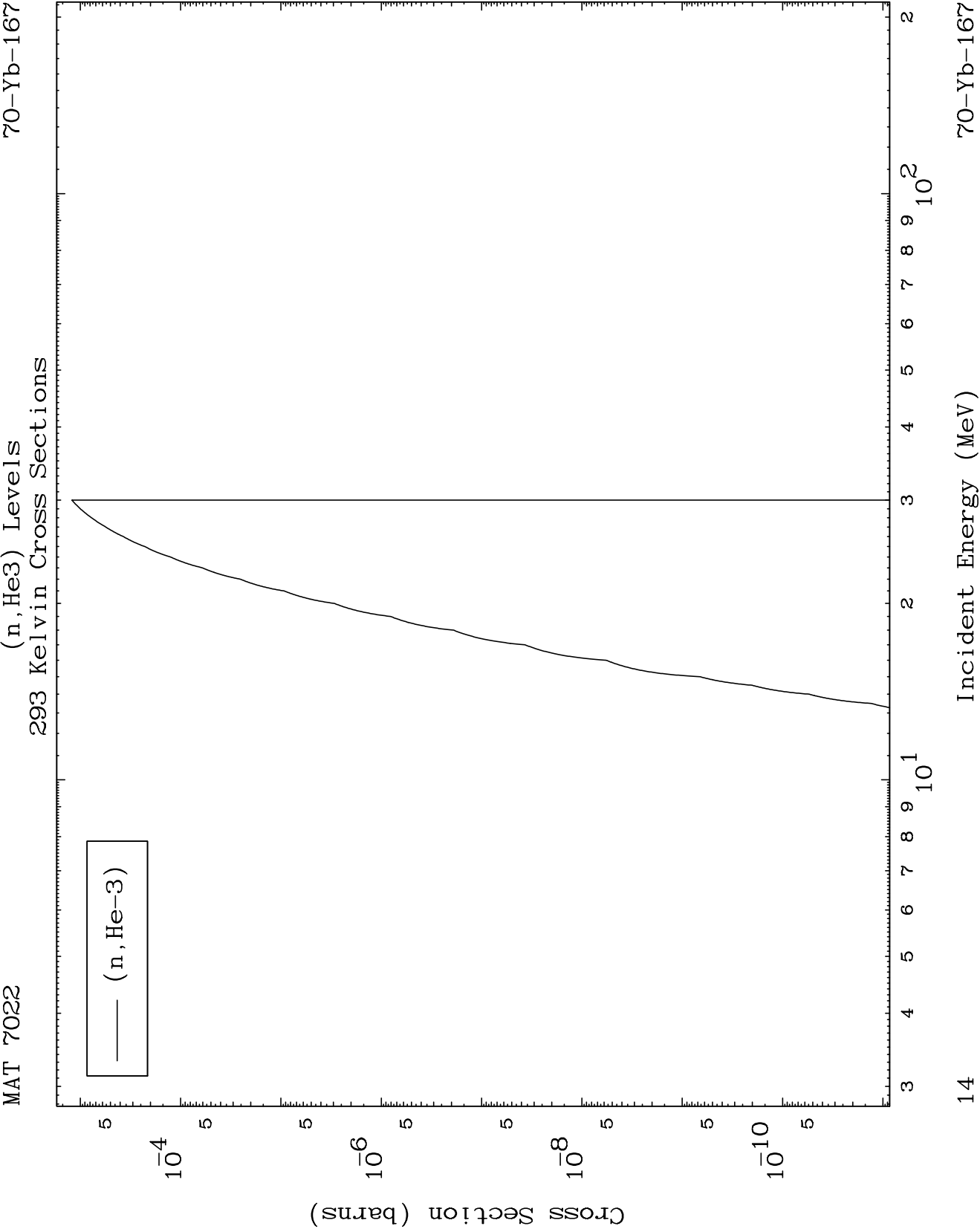


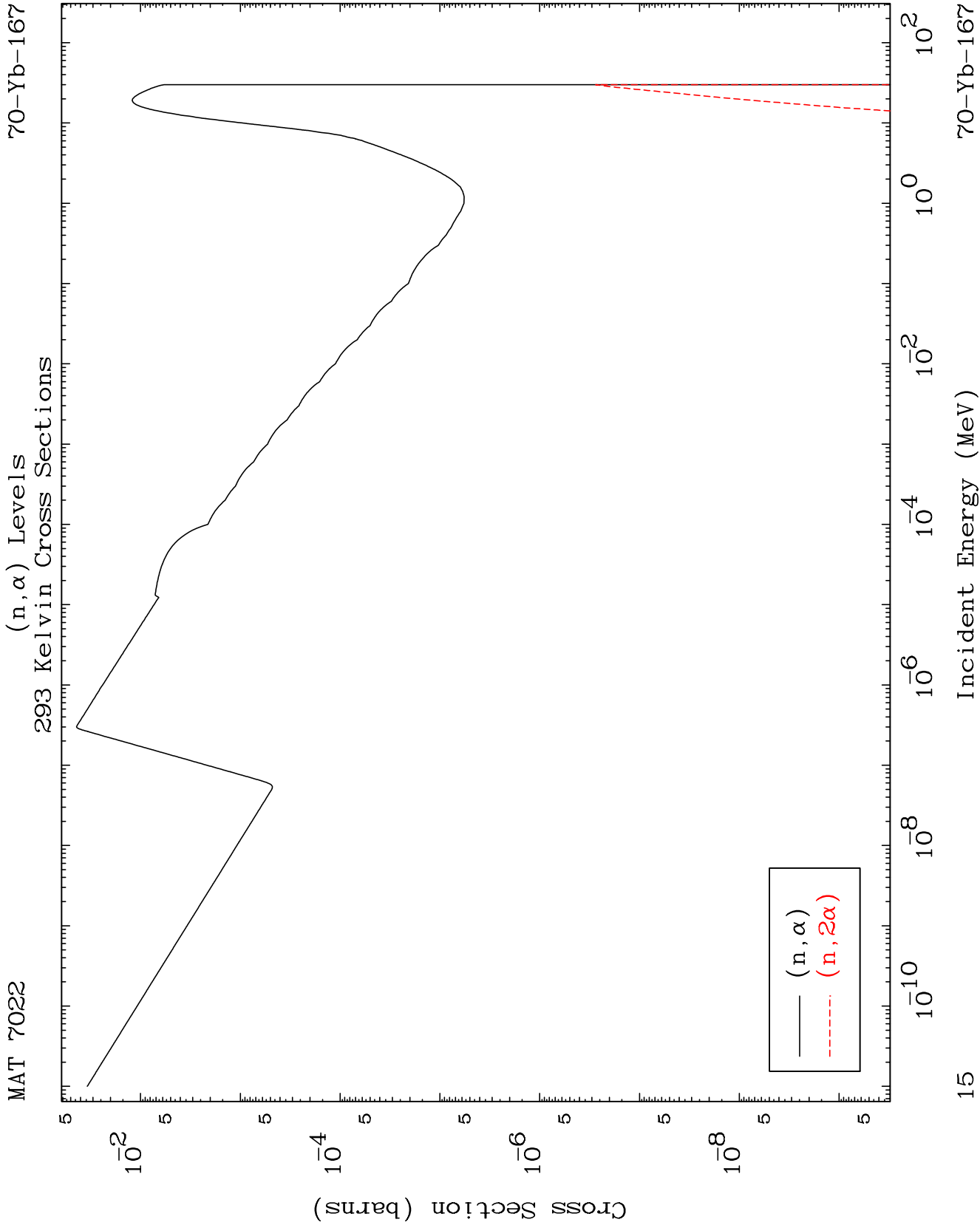
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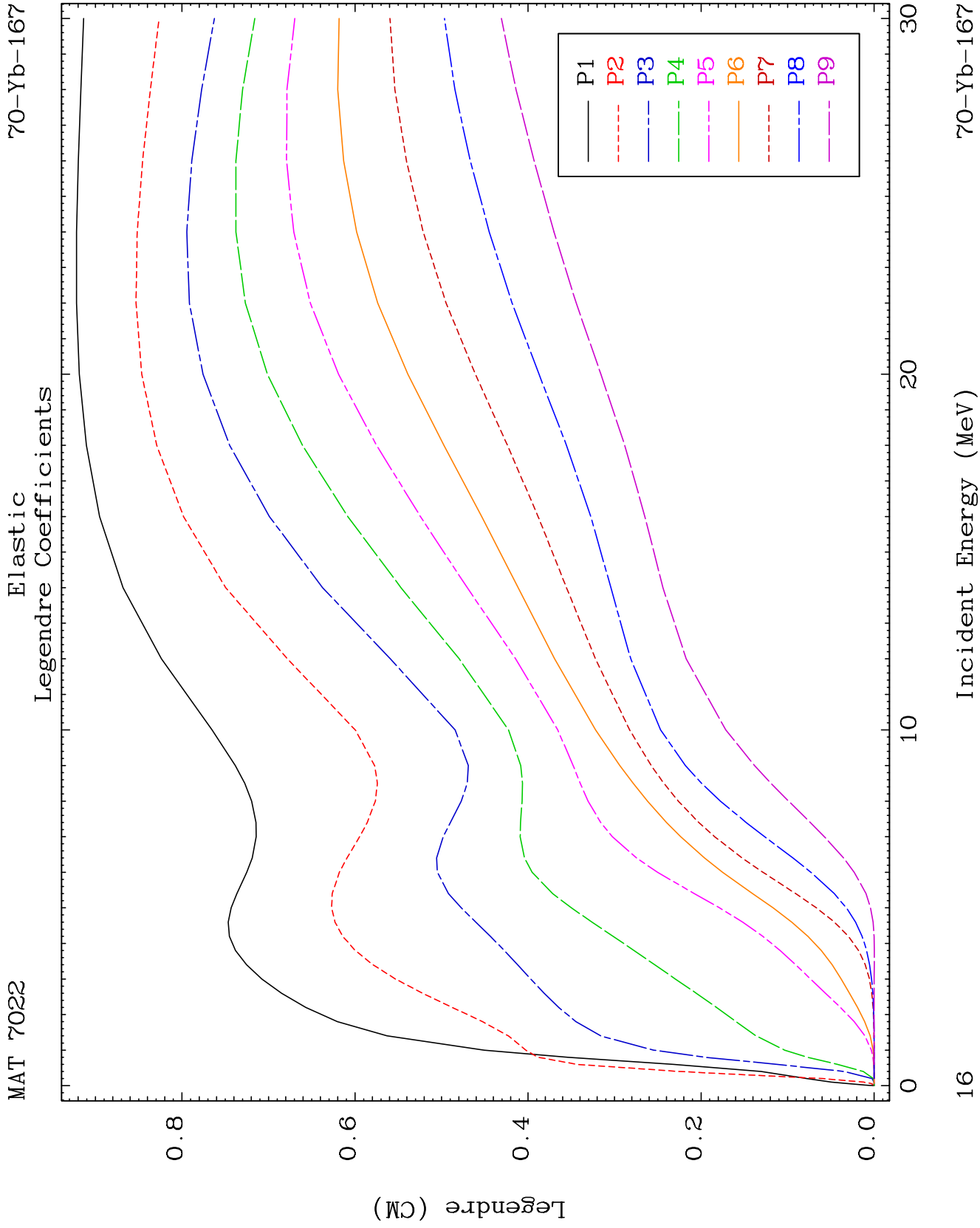
Incident Energy (MeV)

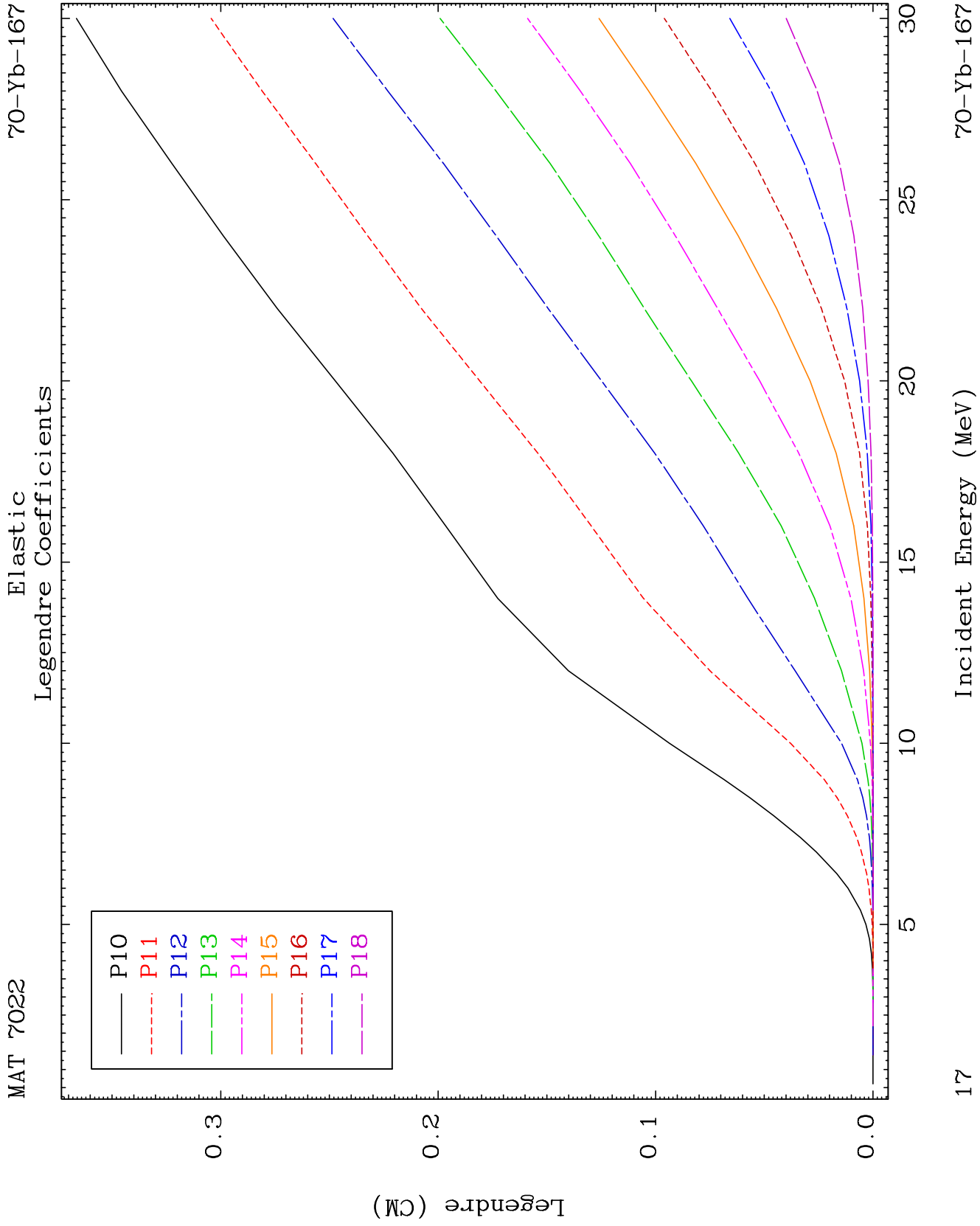
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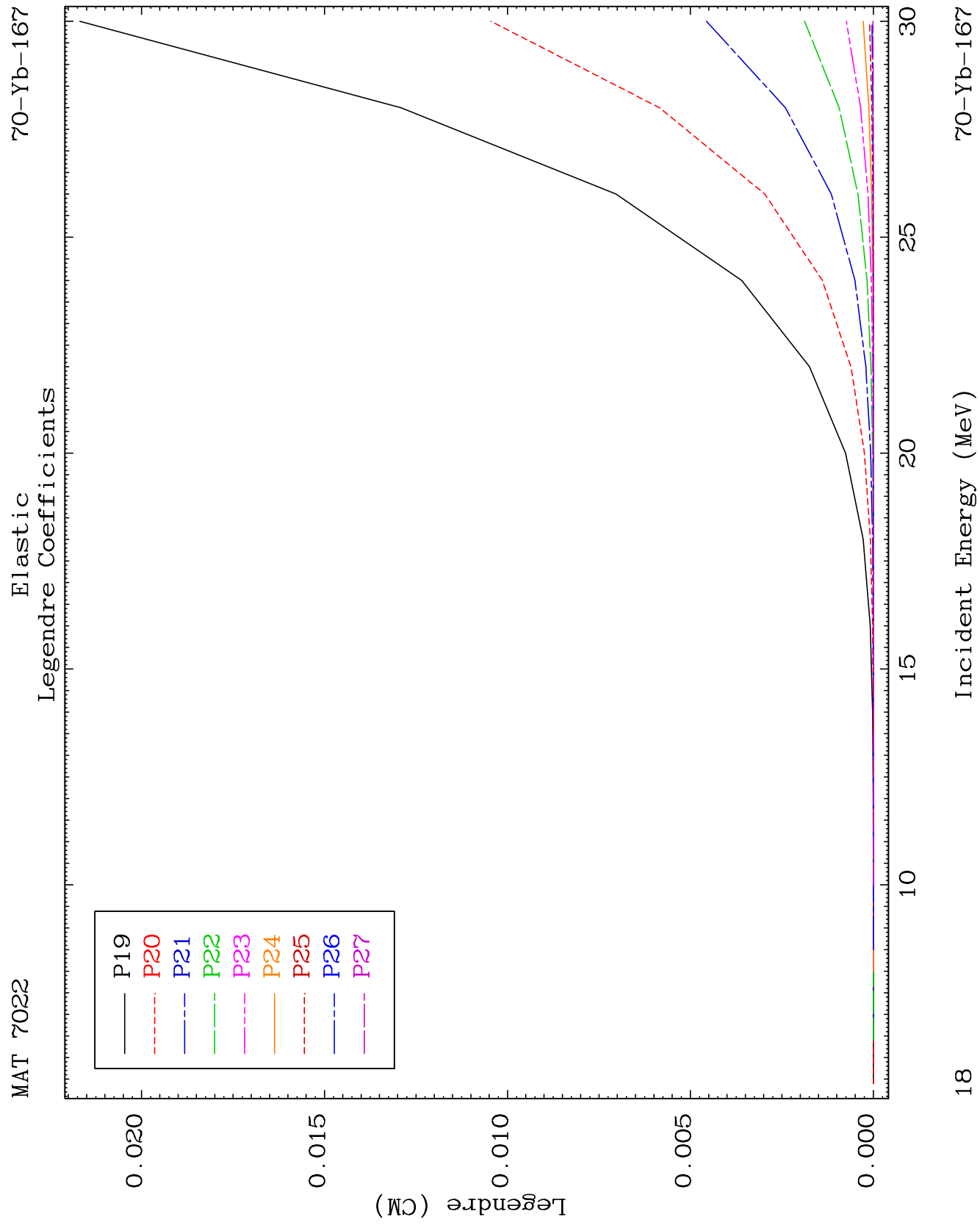


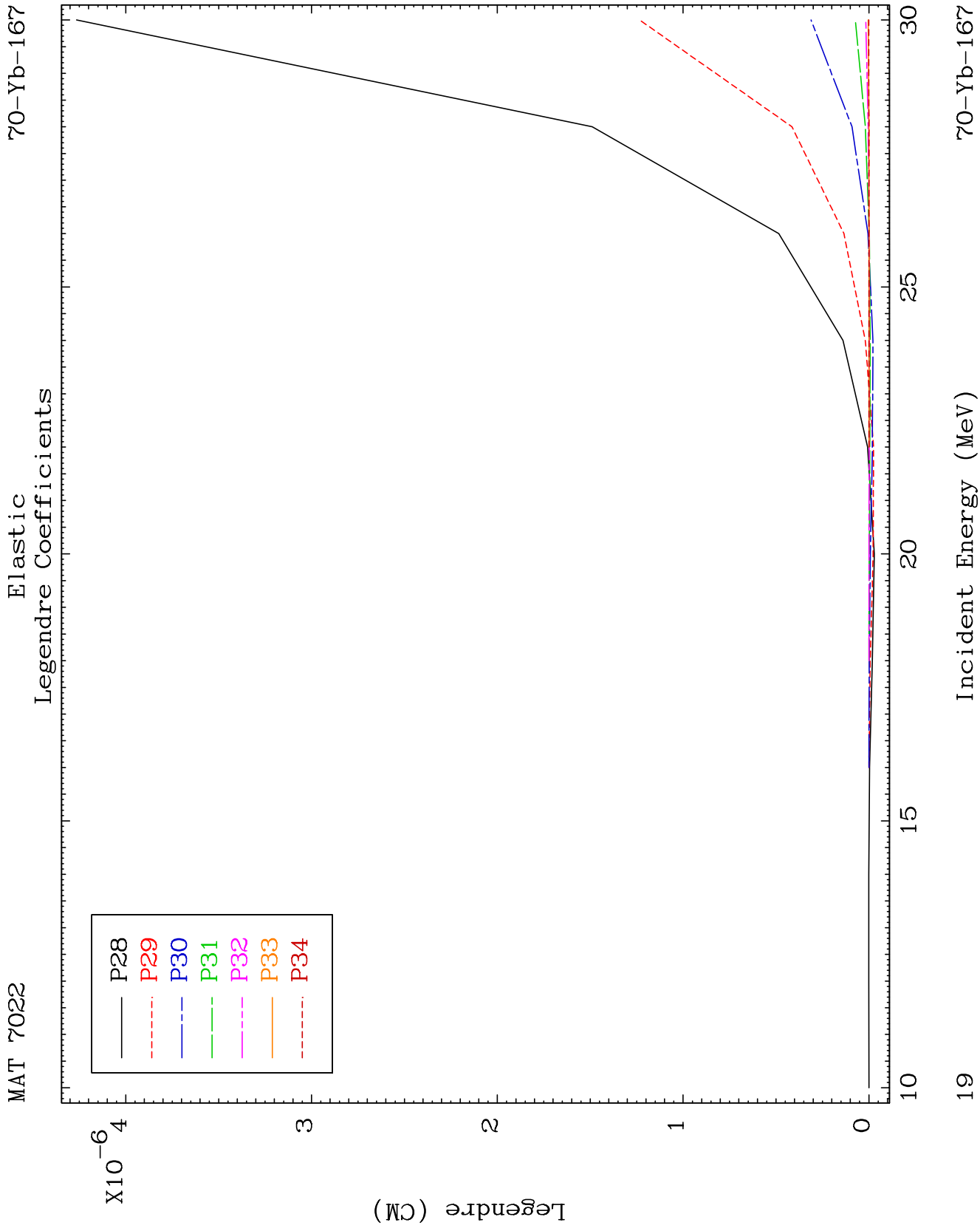


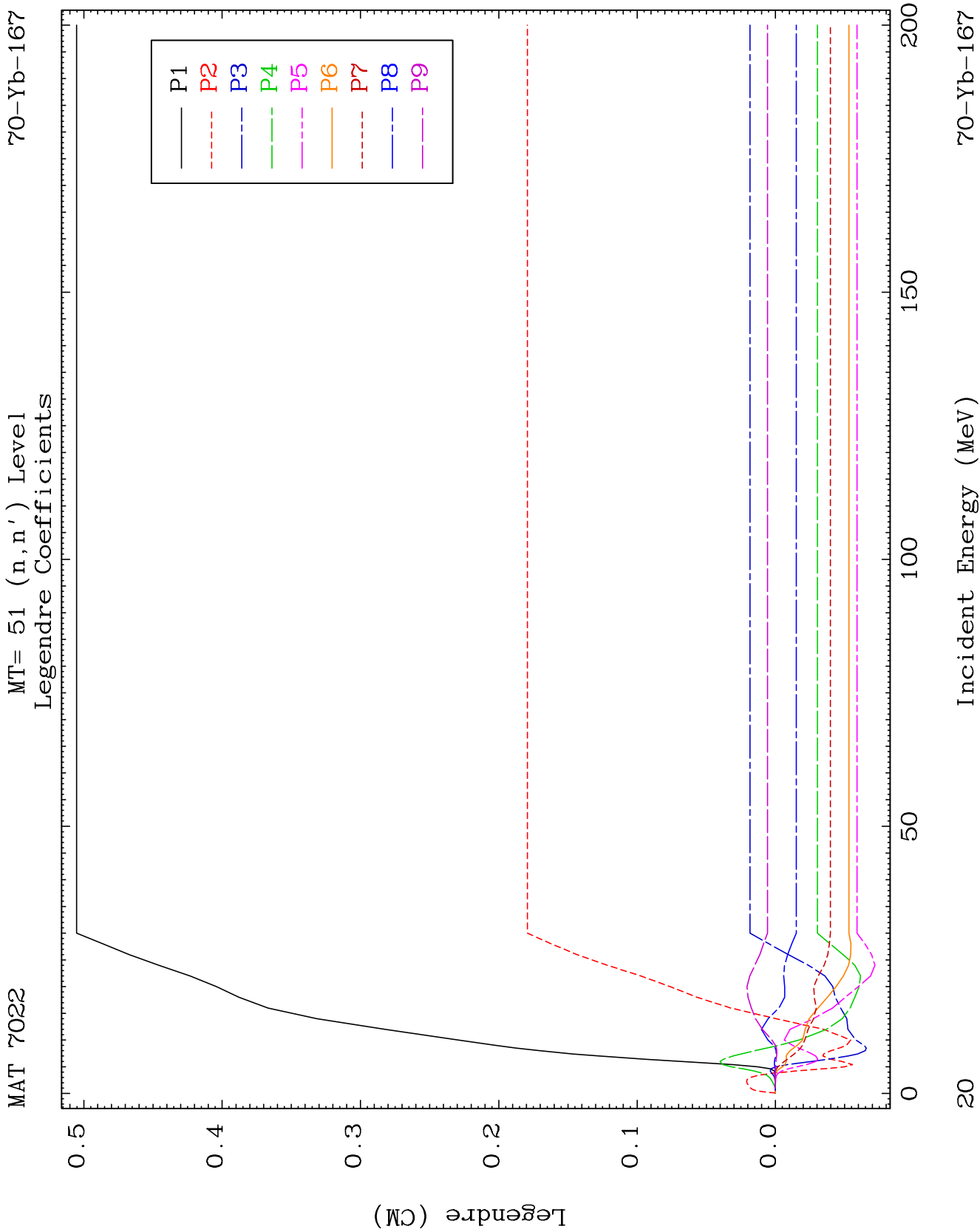


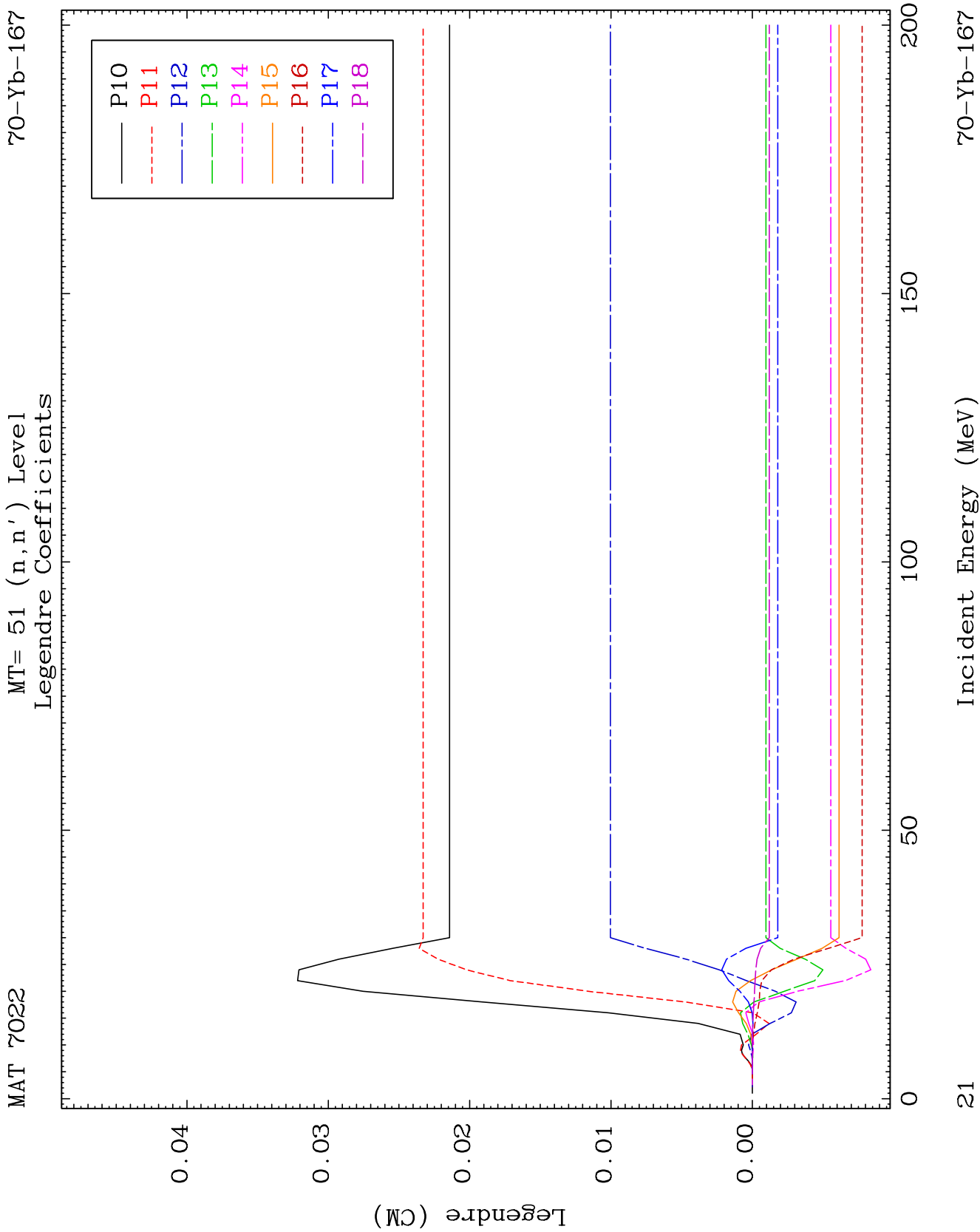


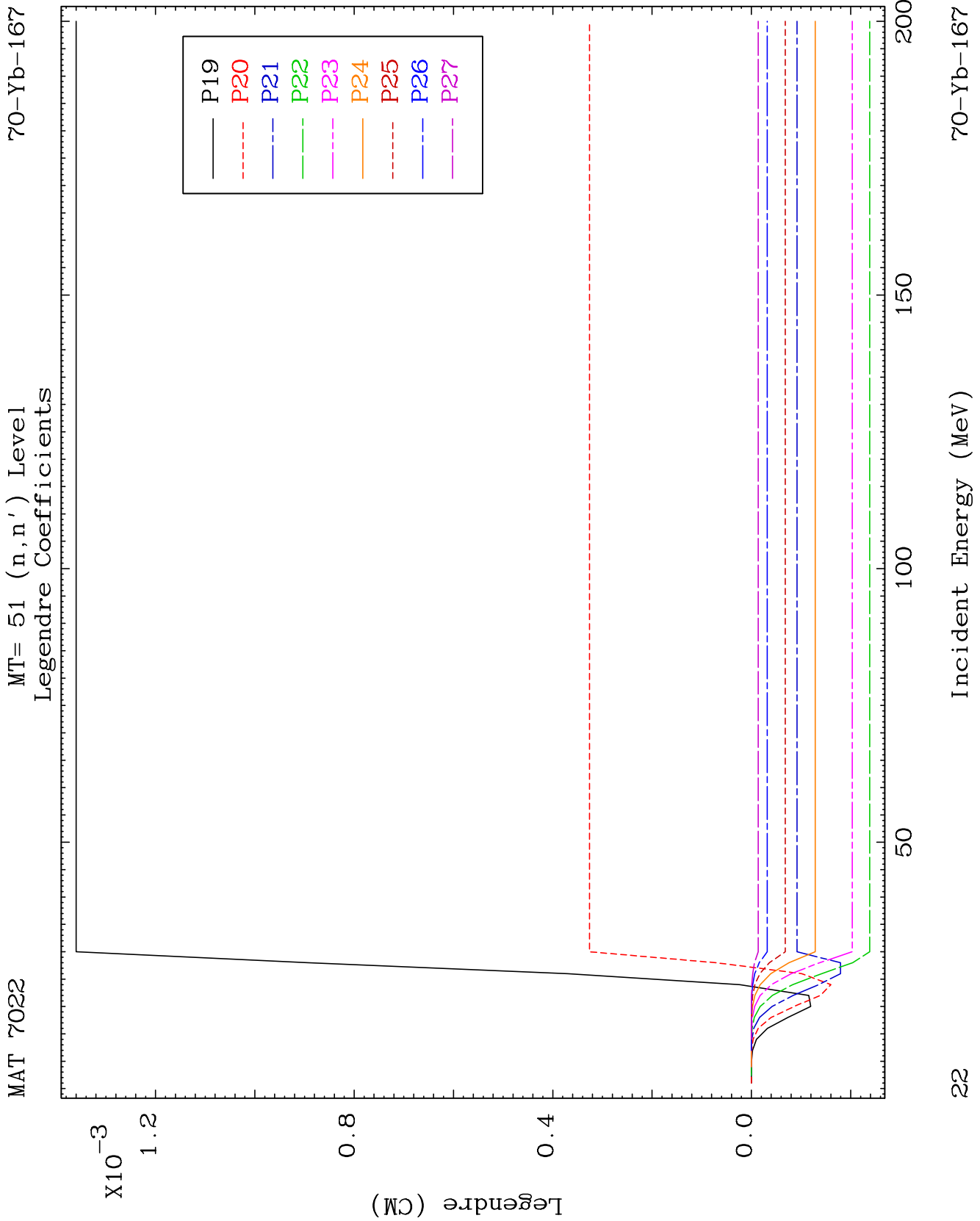


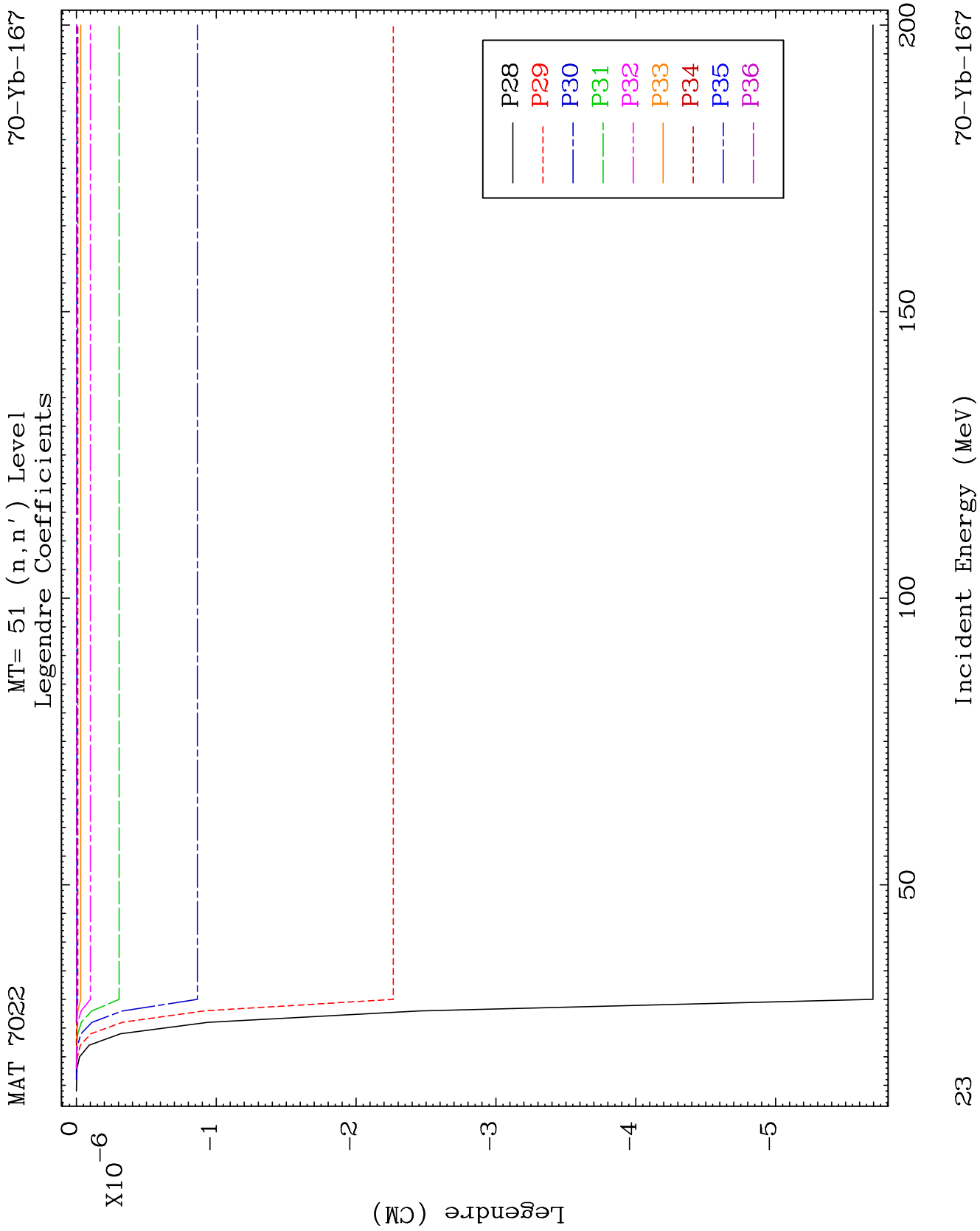




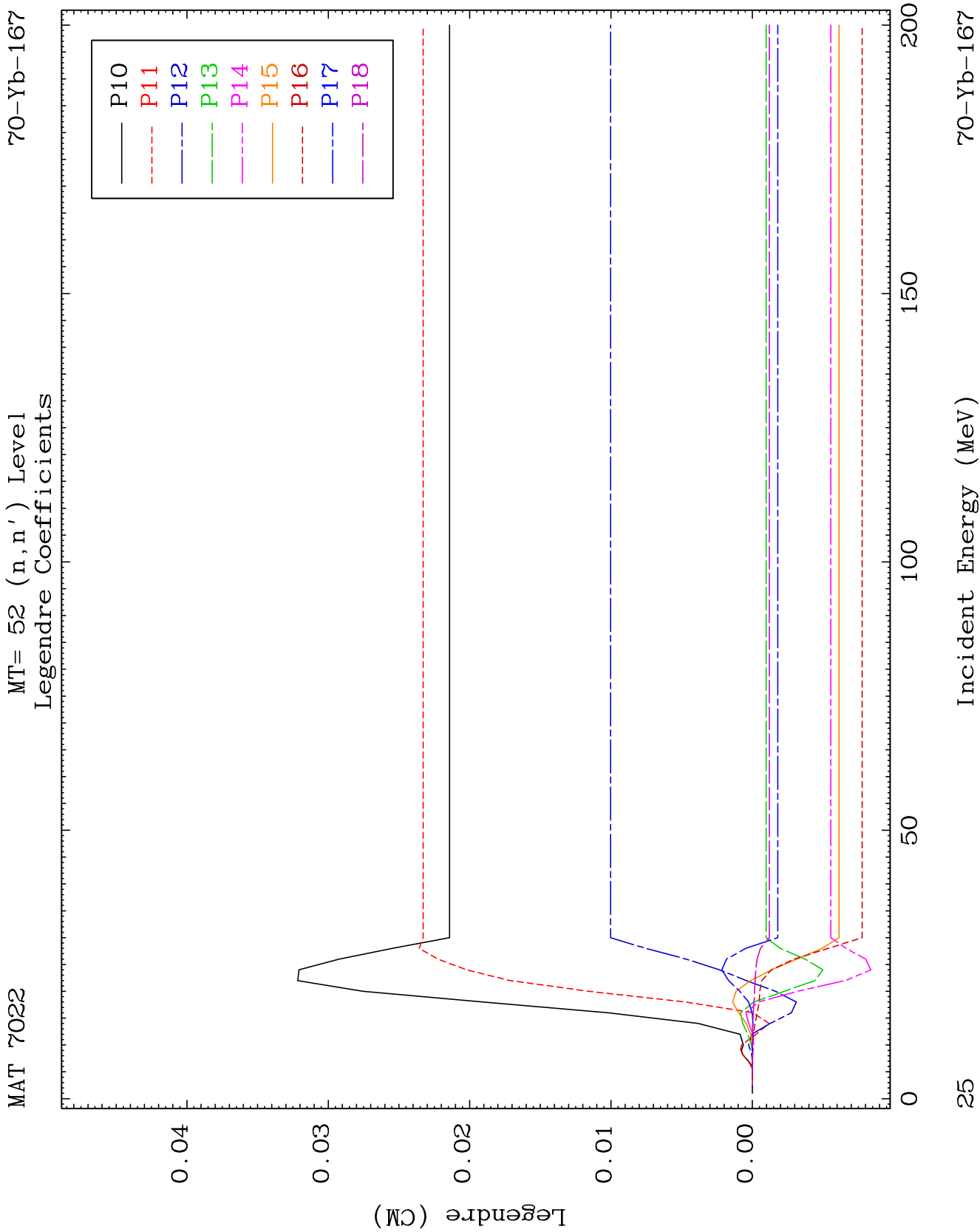


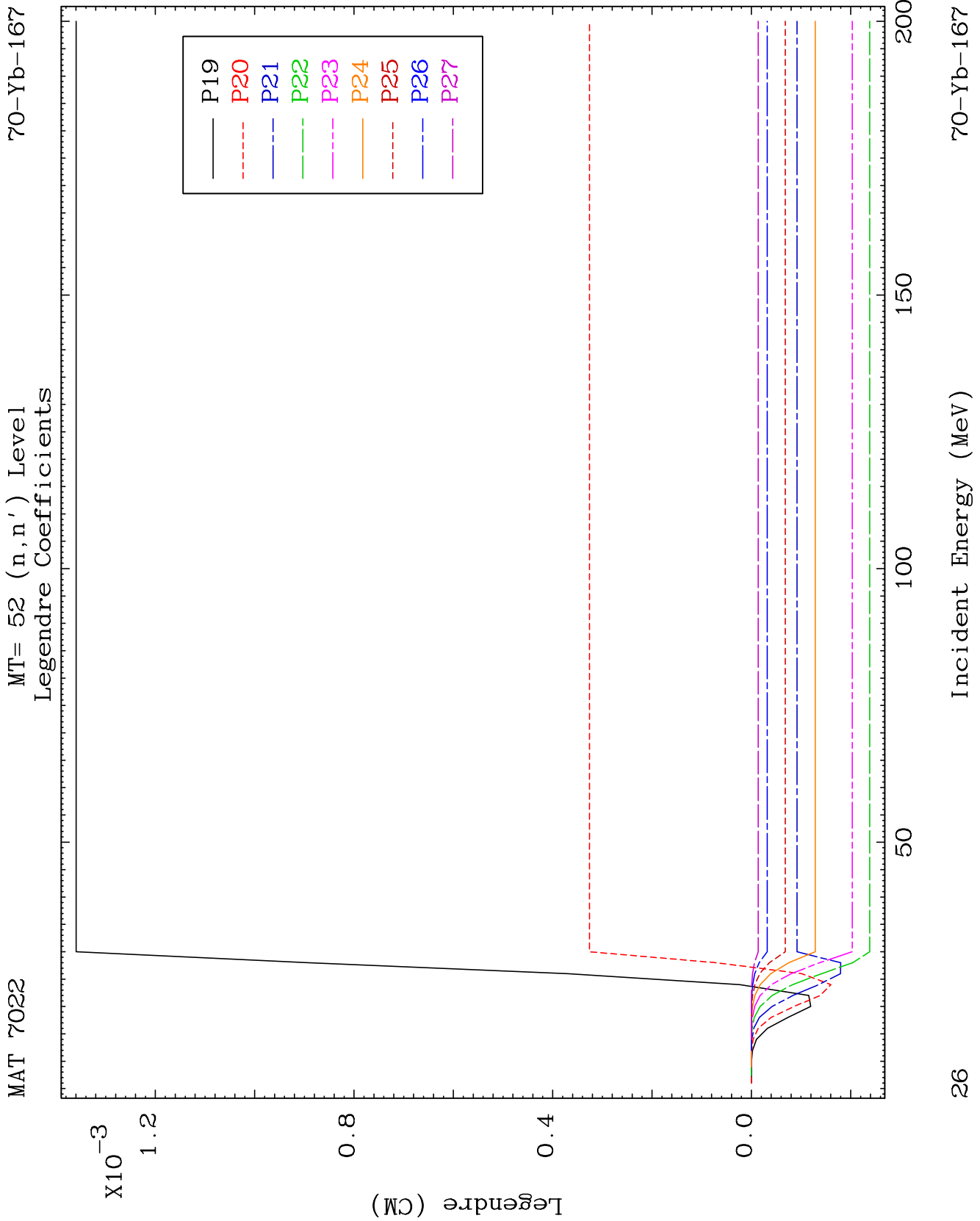




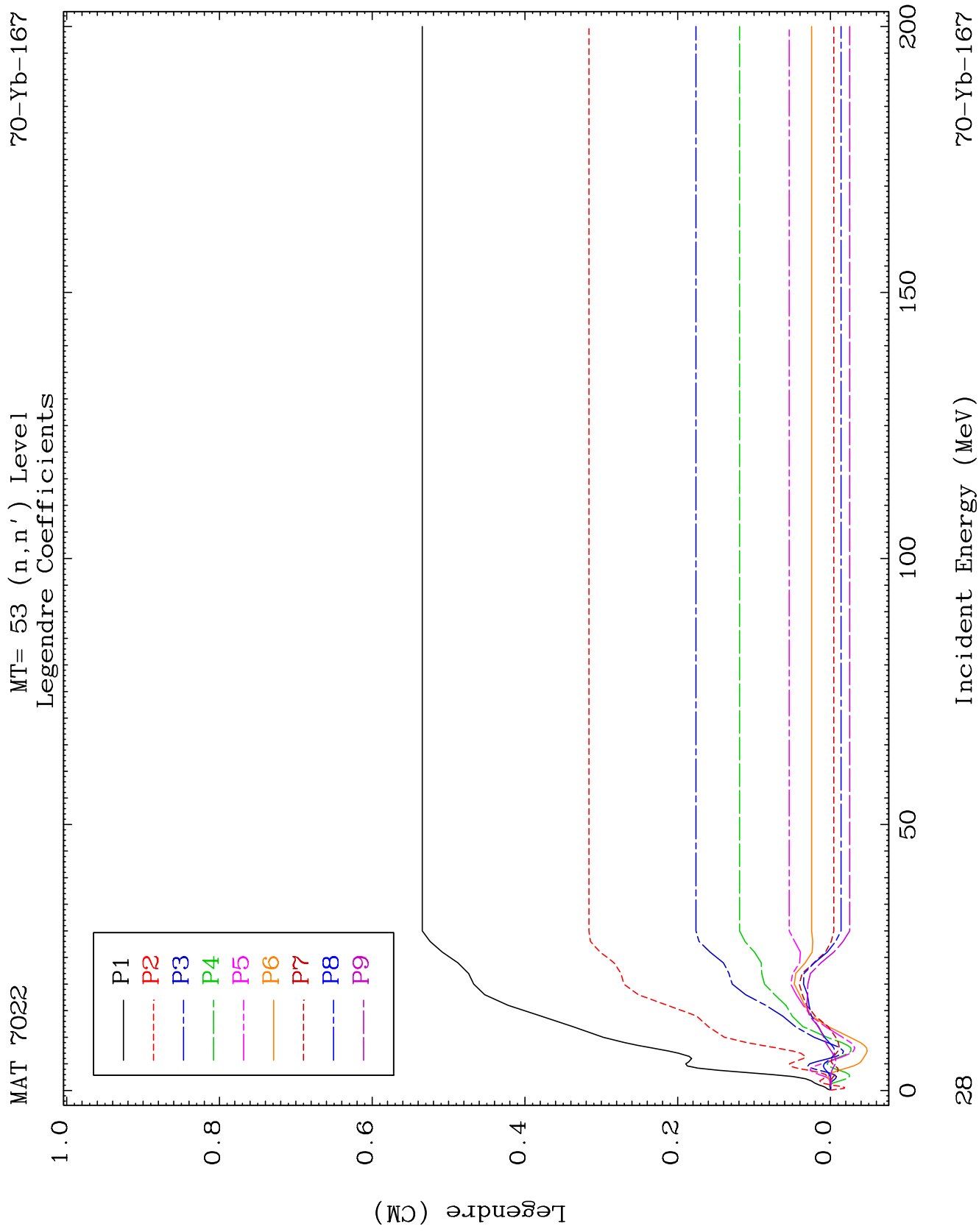


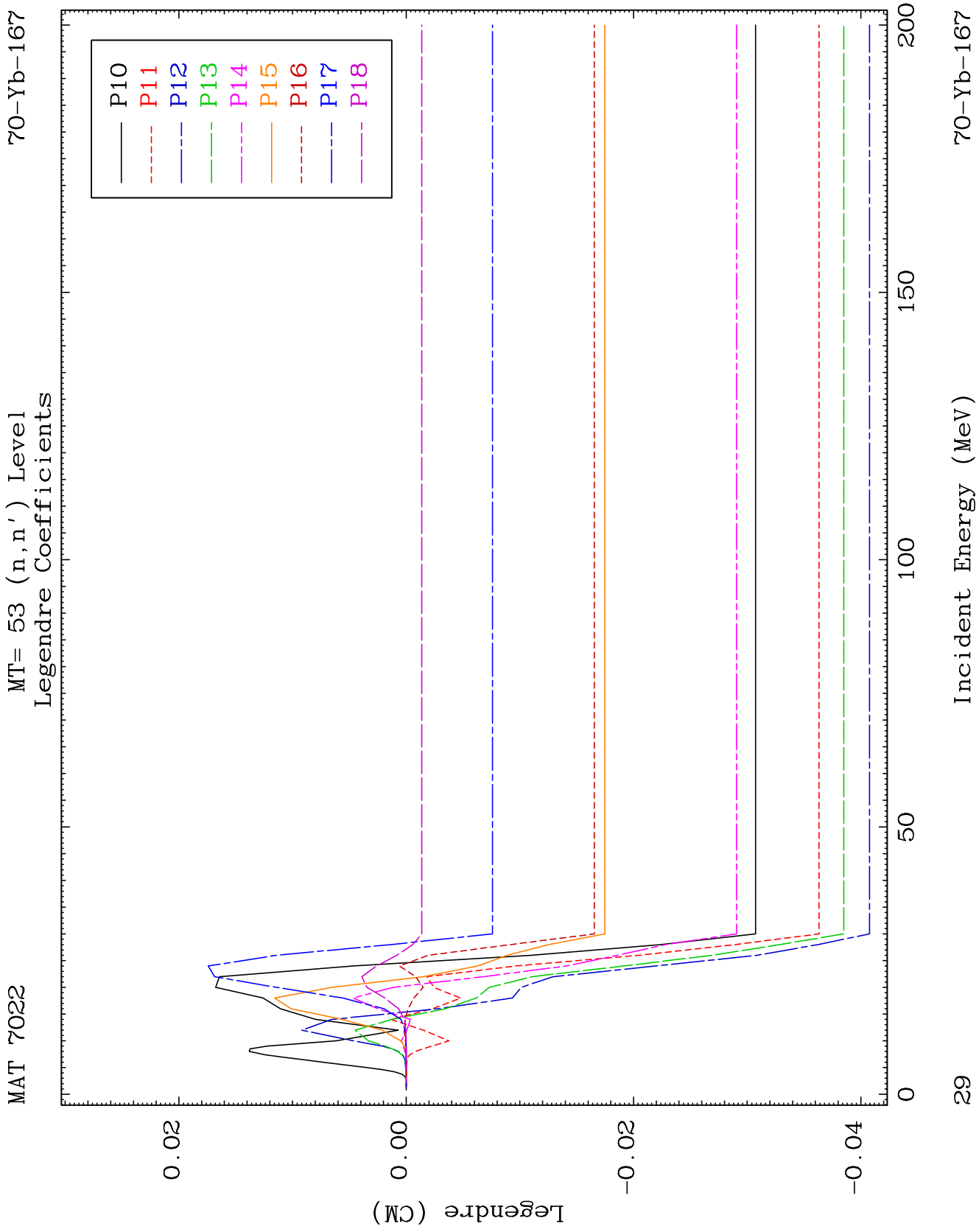


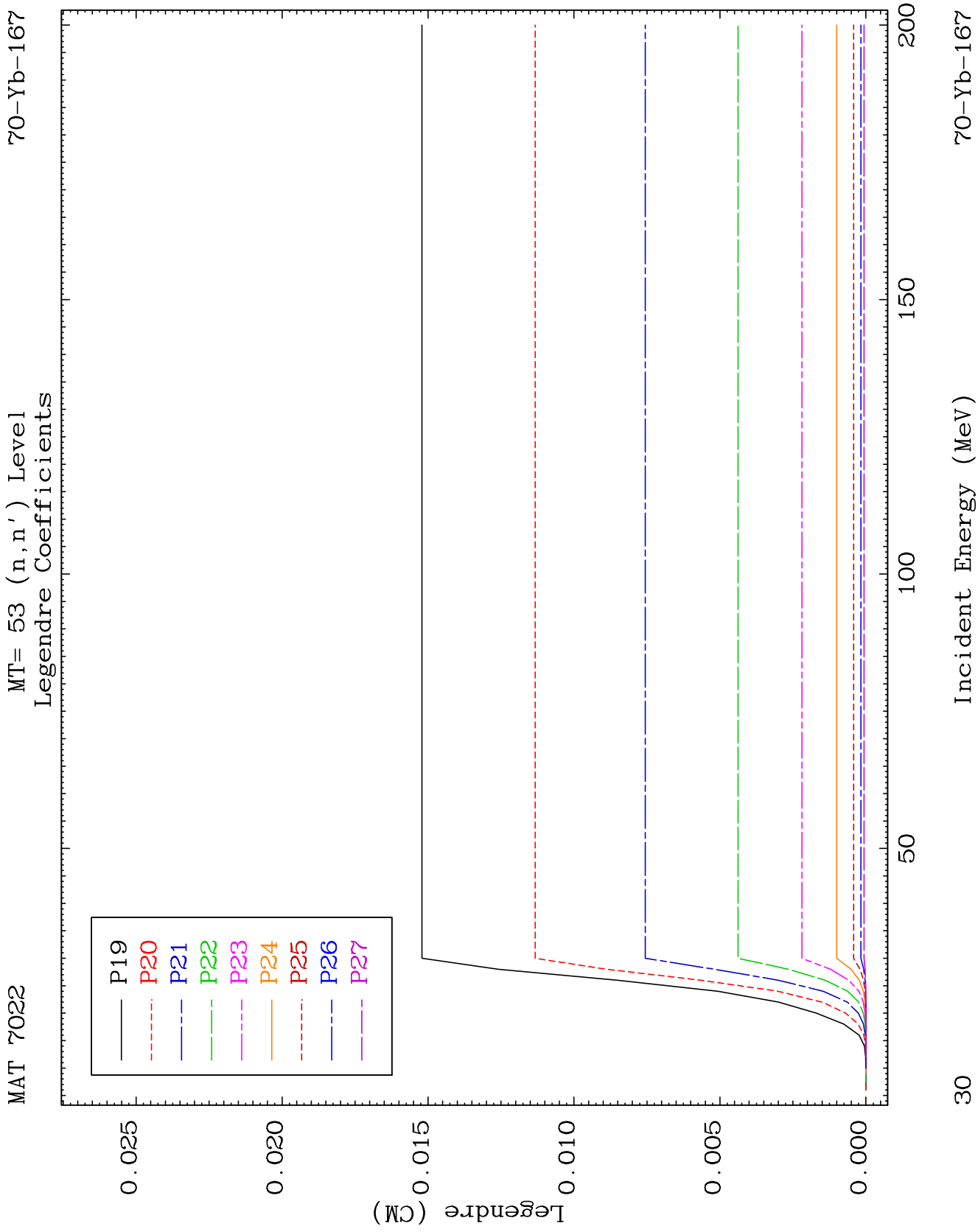


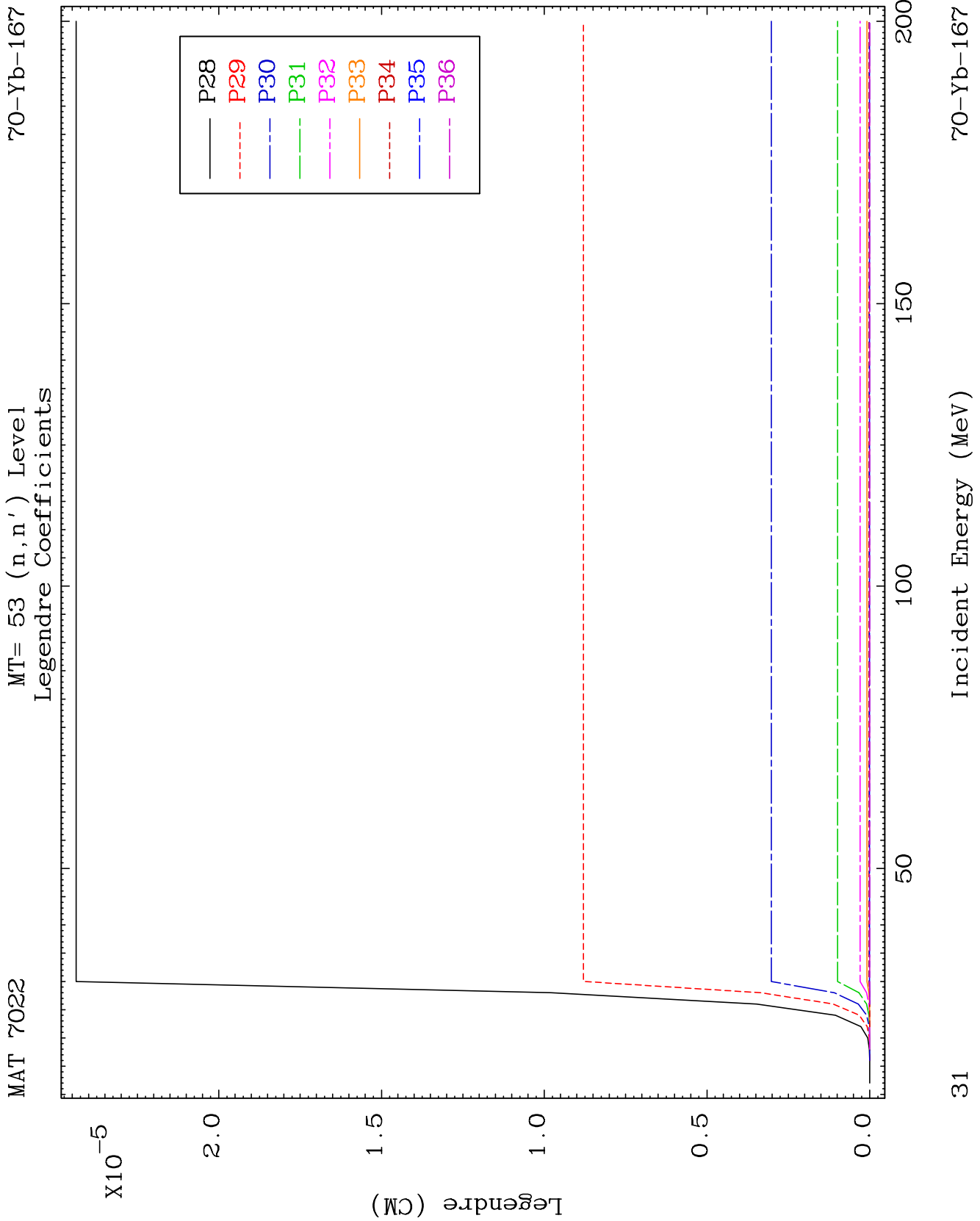


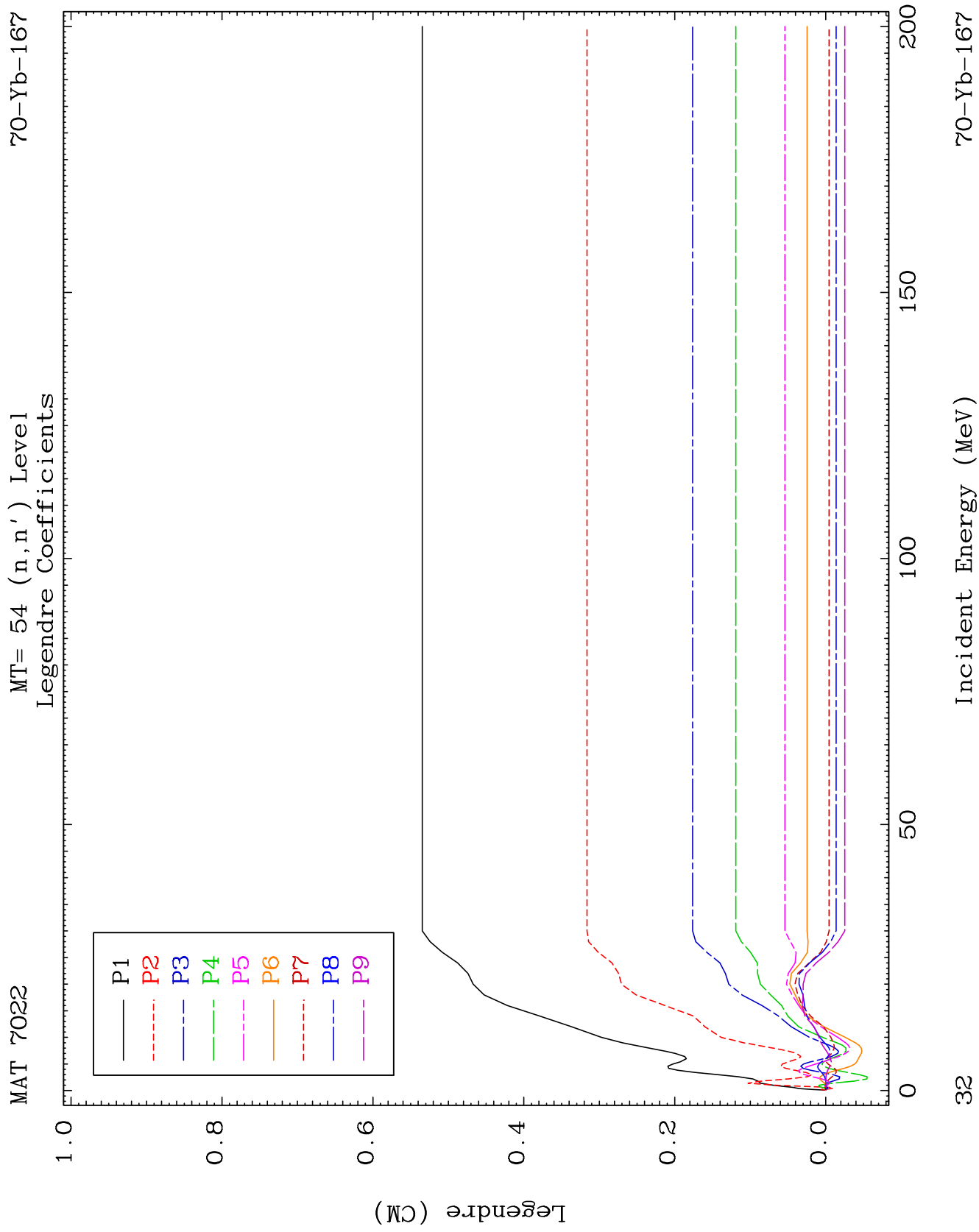


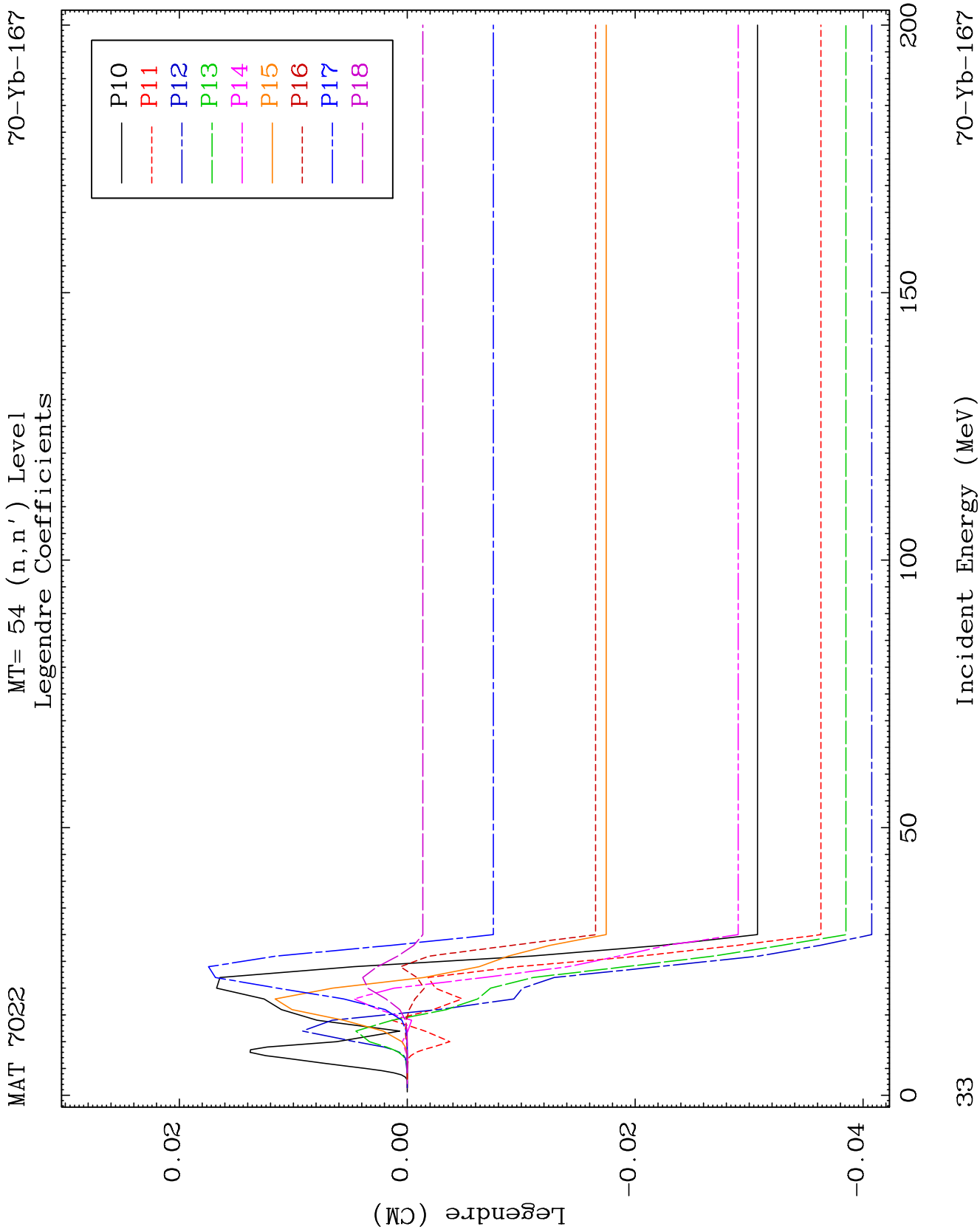


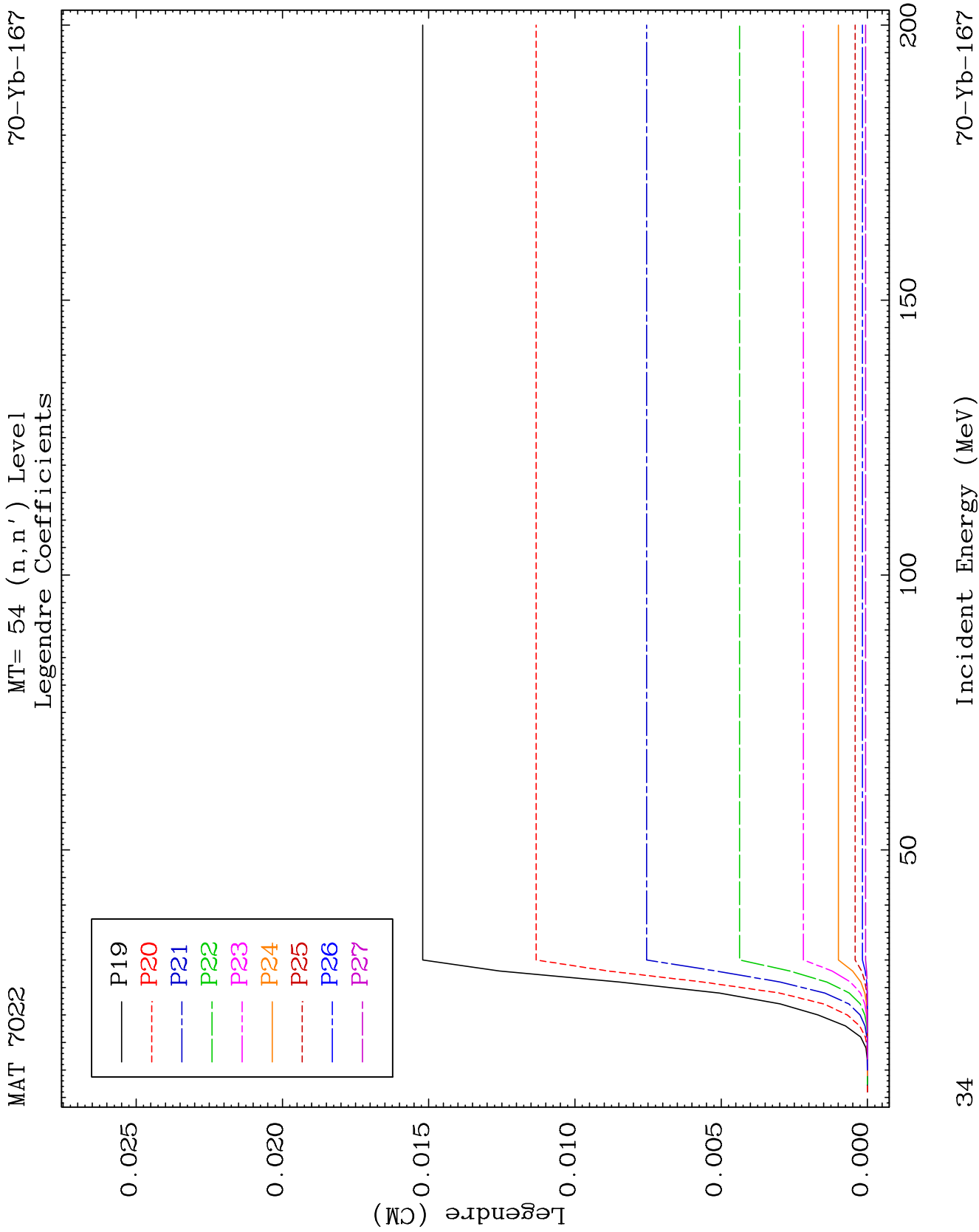








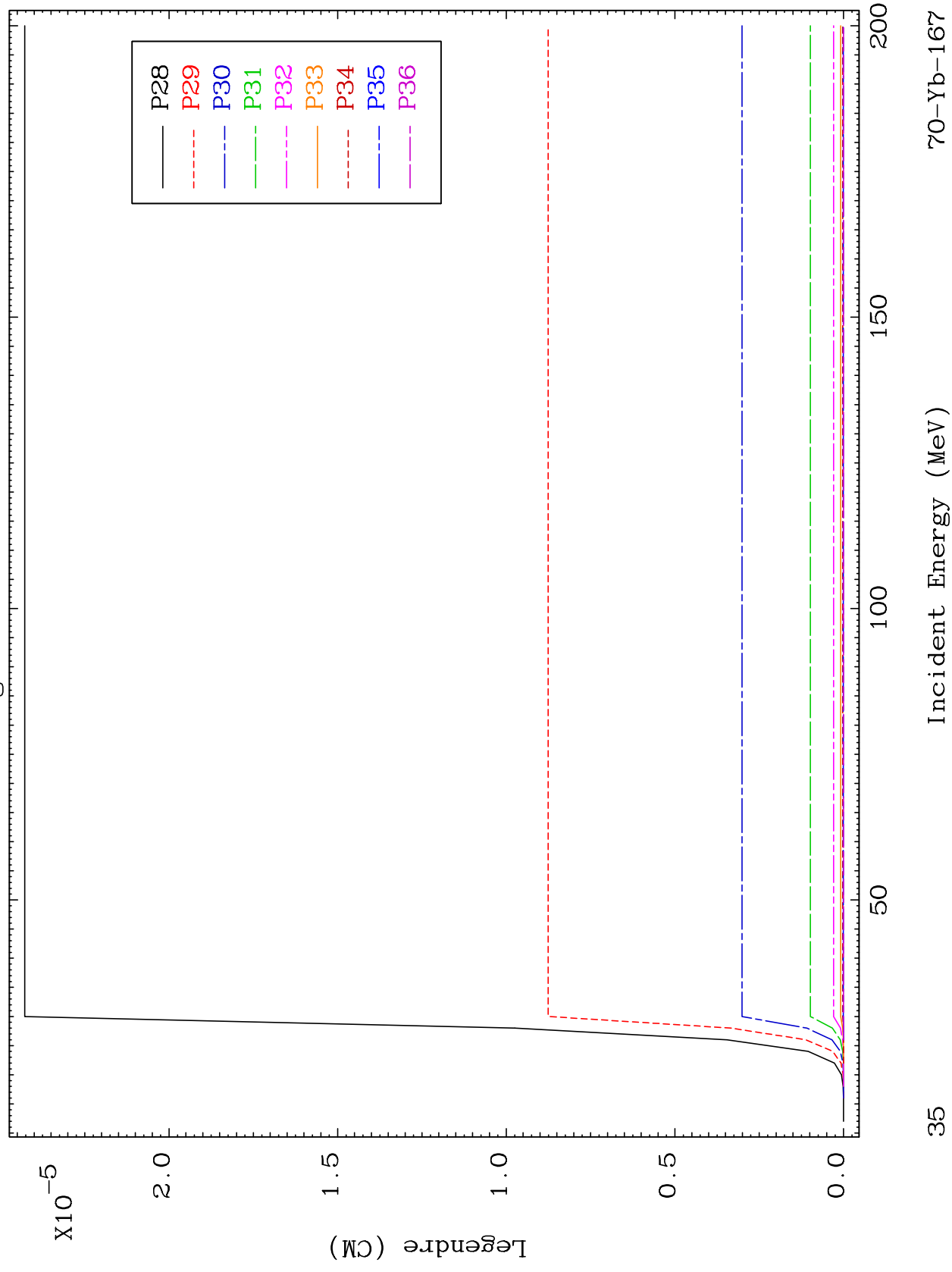


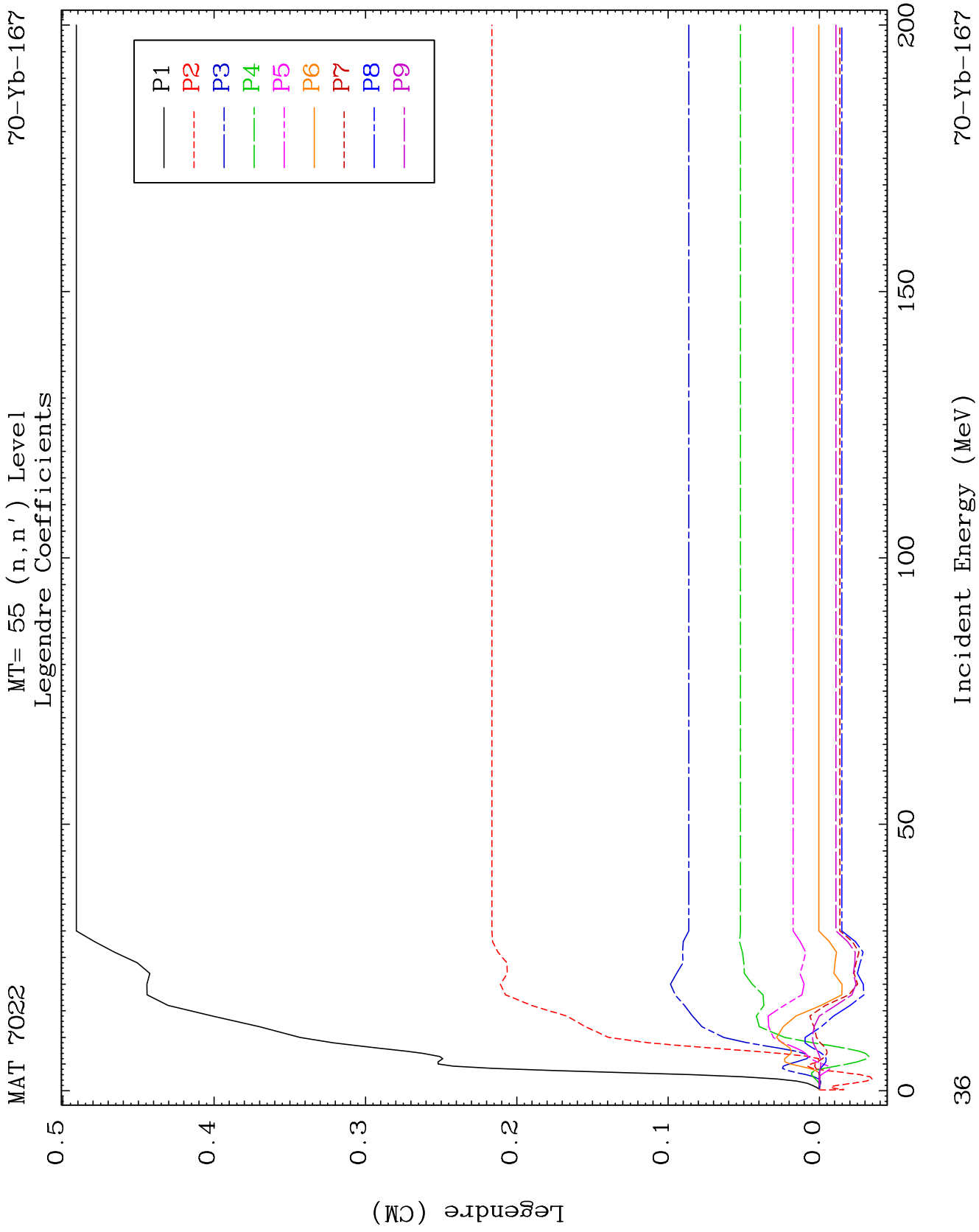


MAT 7022

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

70-Yb-167

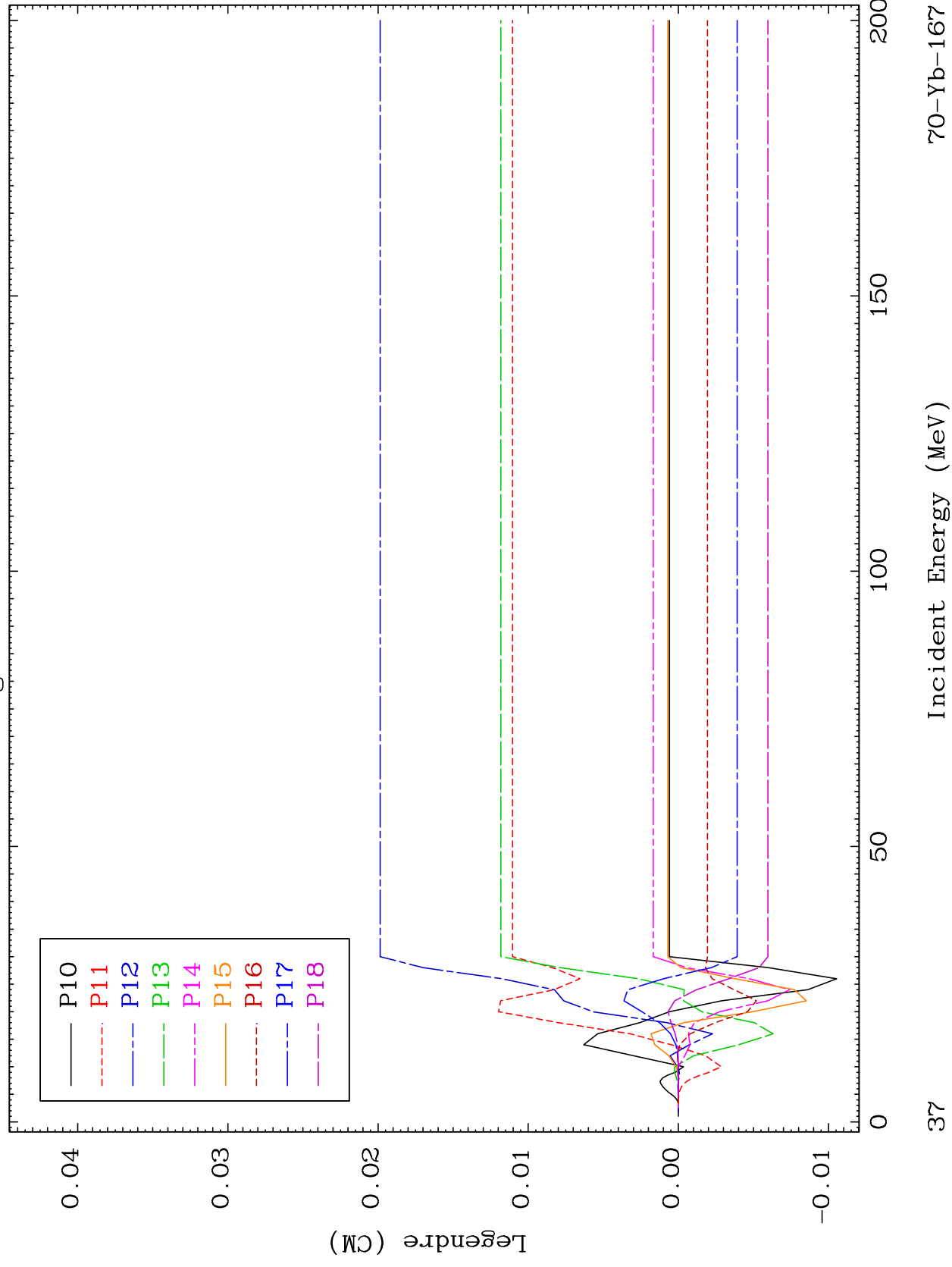


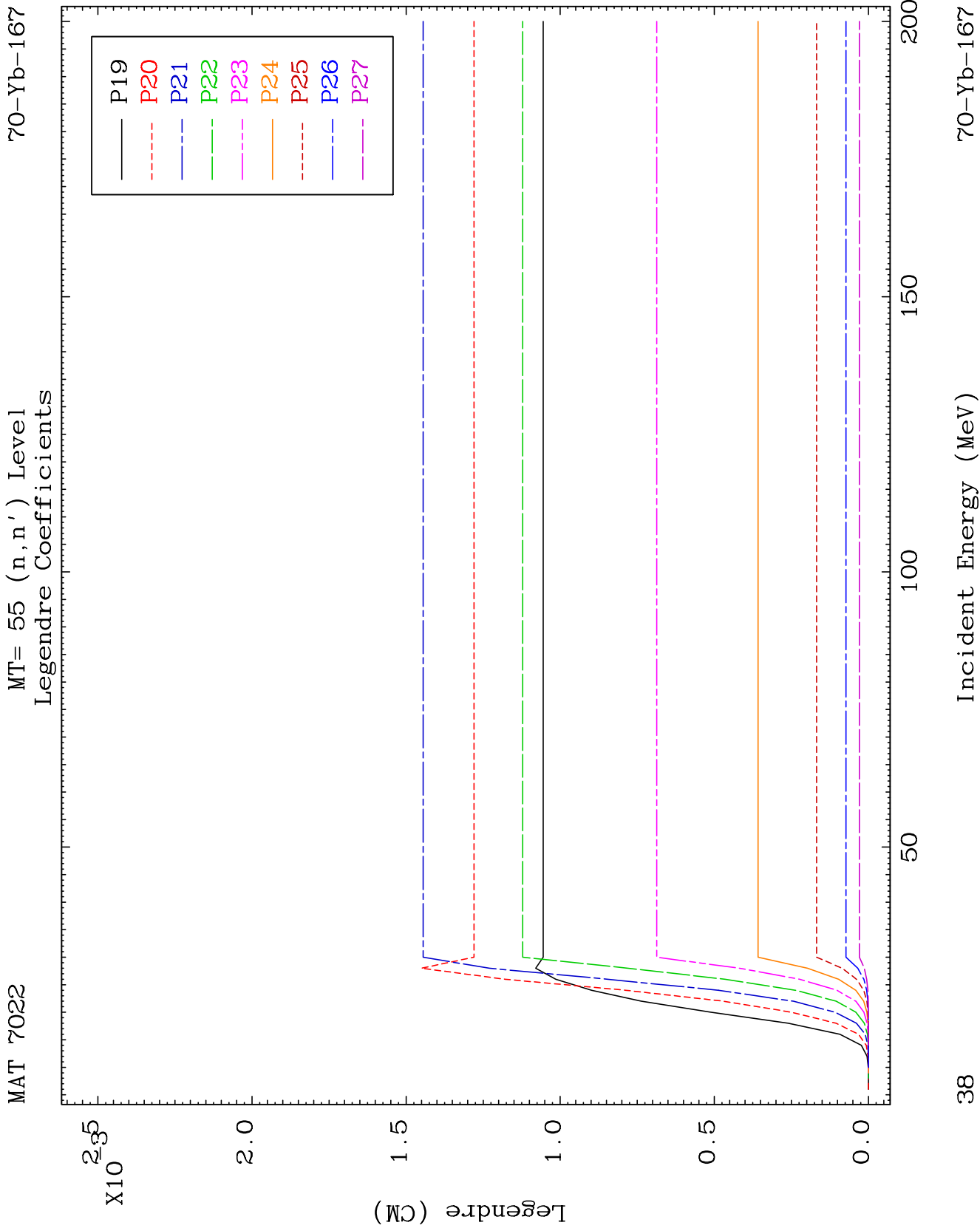


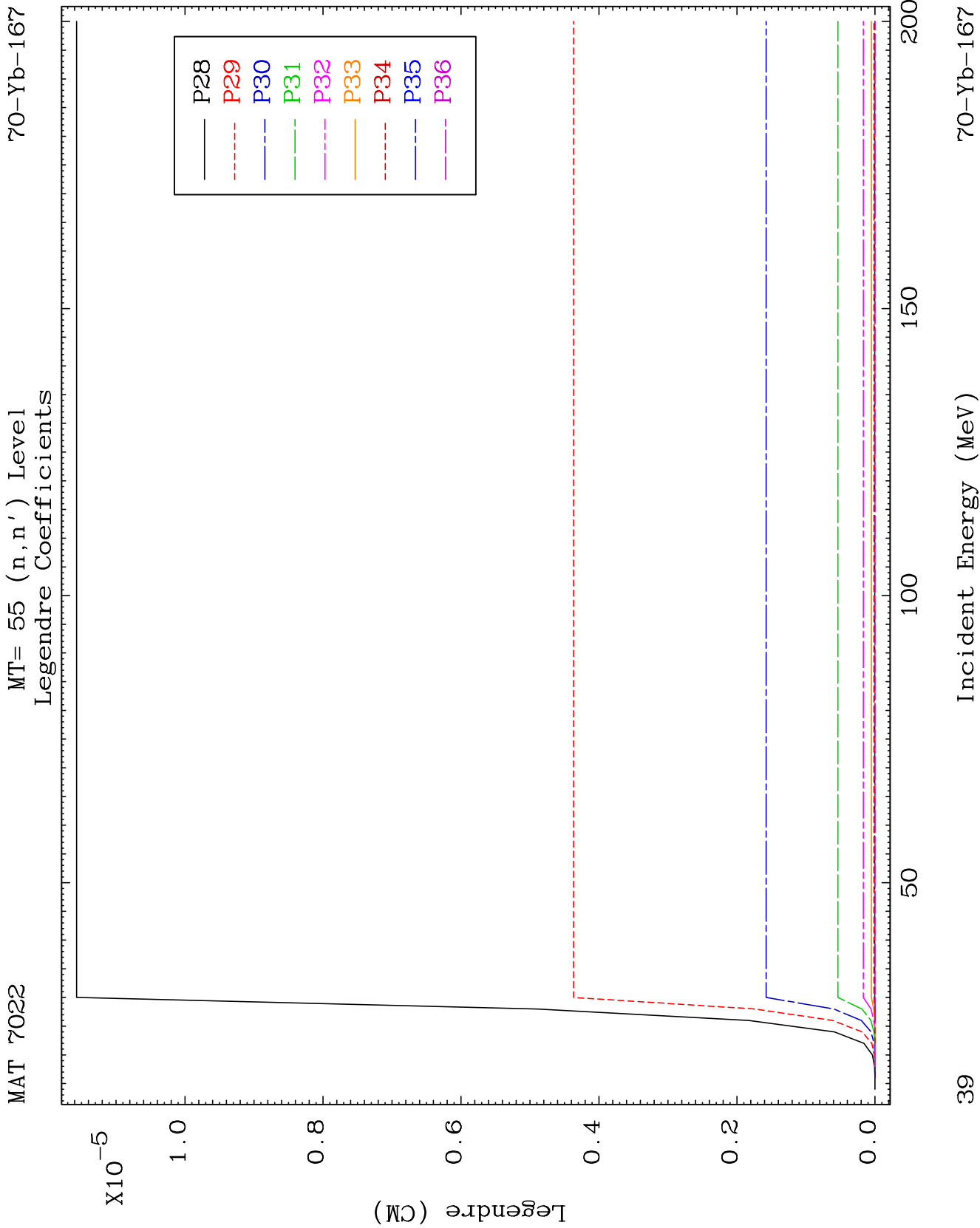
MAT 7022

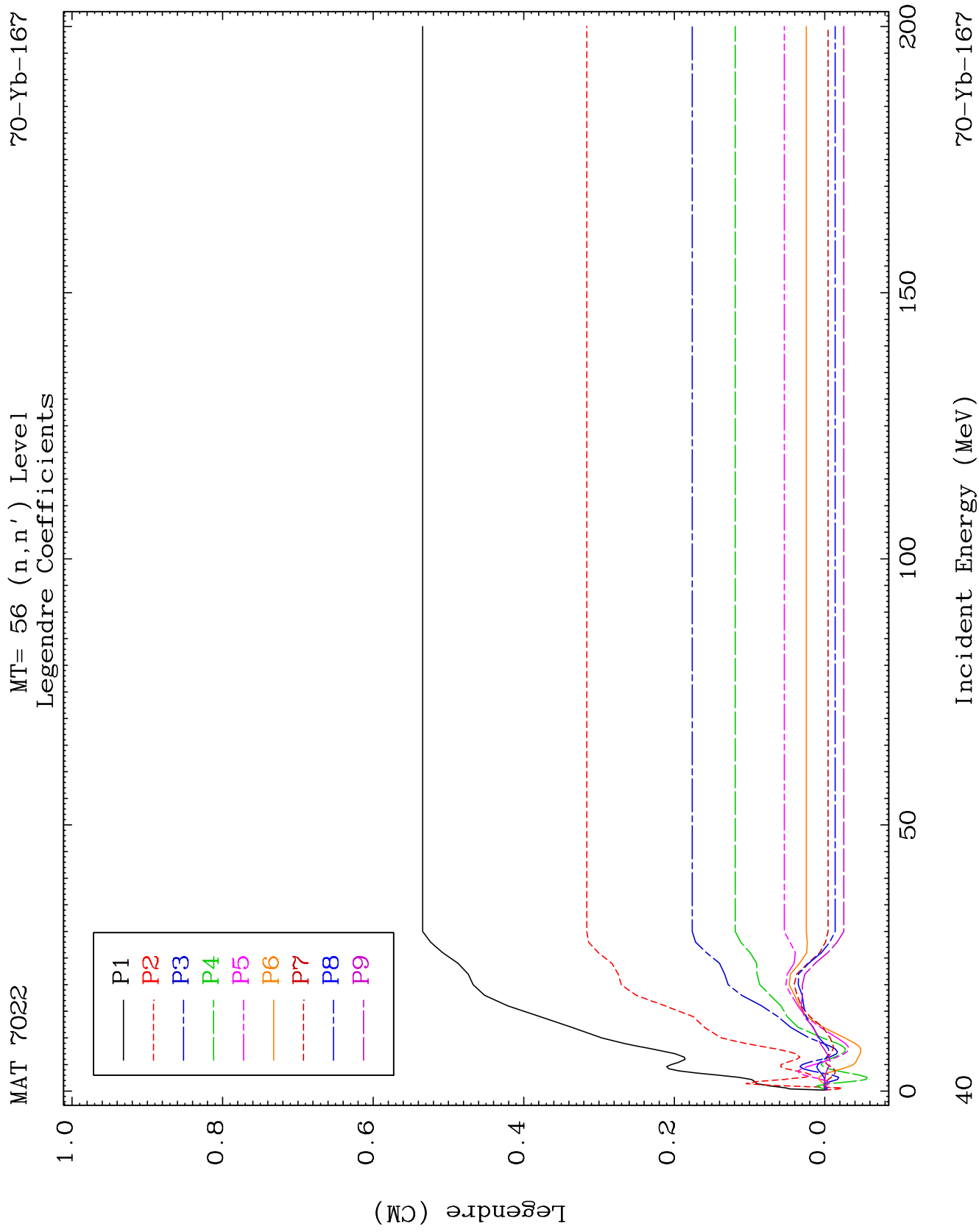
MT= 55 (n, n') Level  
Legendre Coefficients

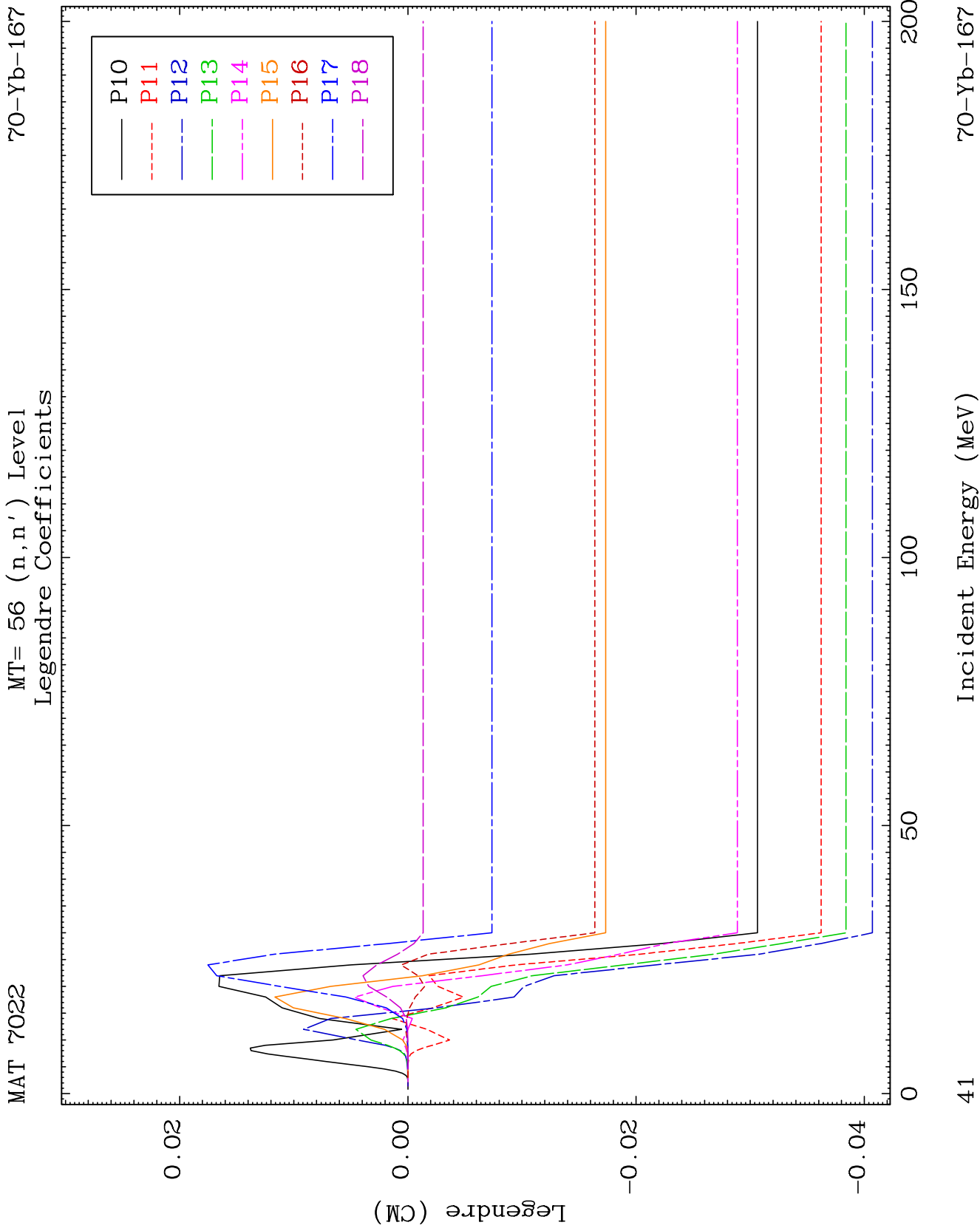
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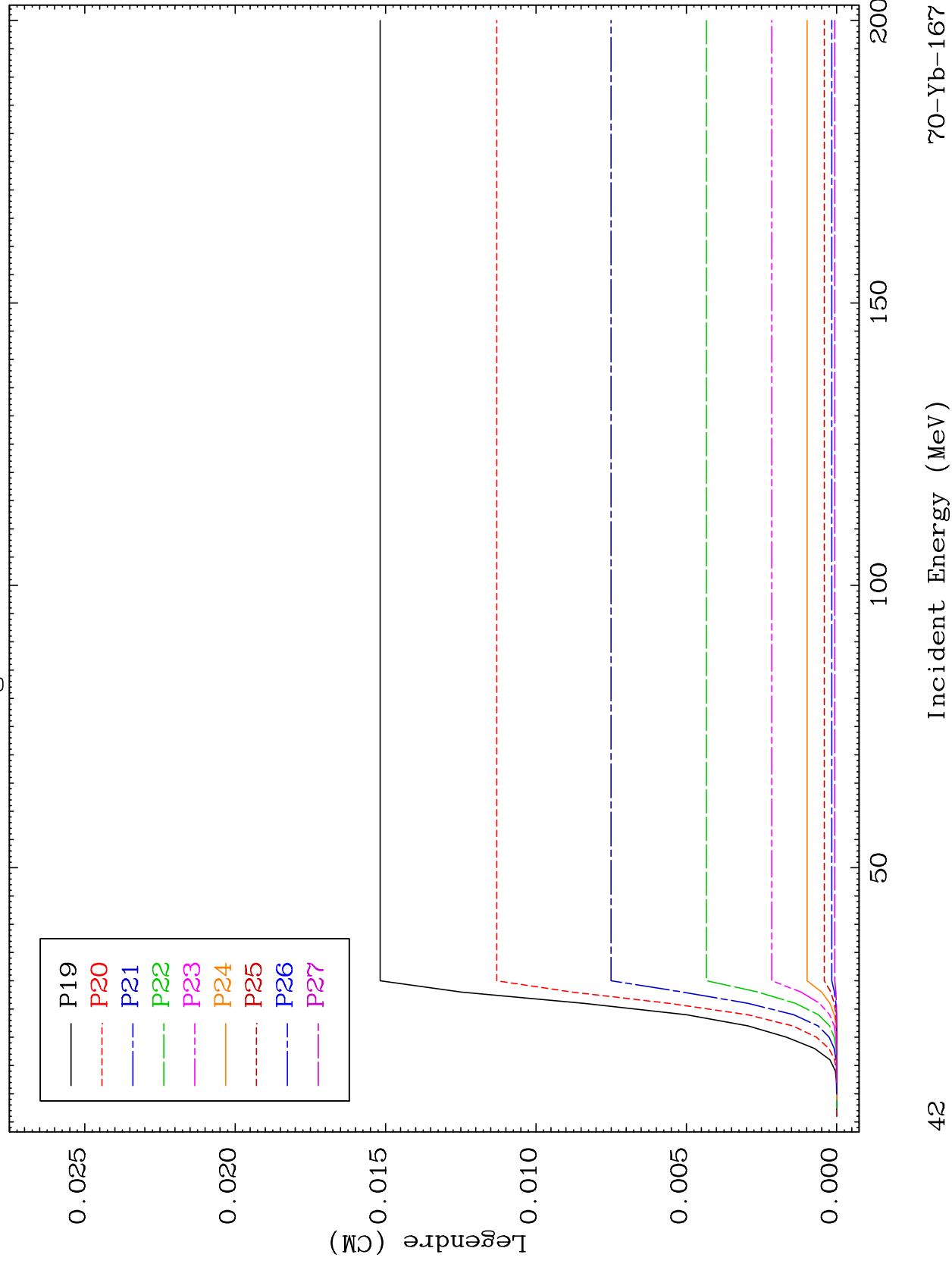


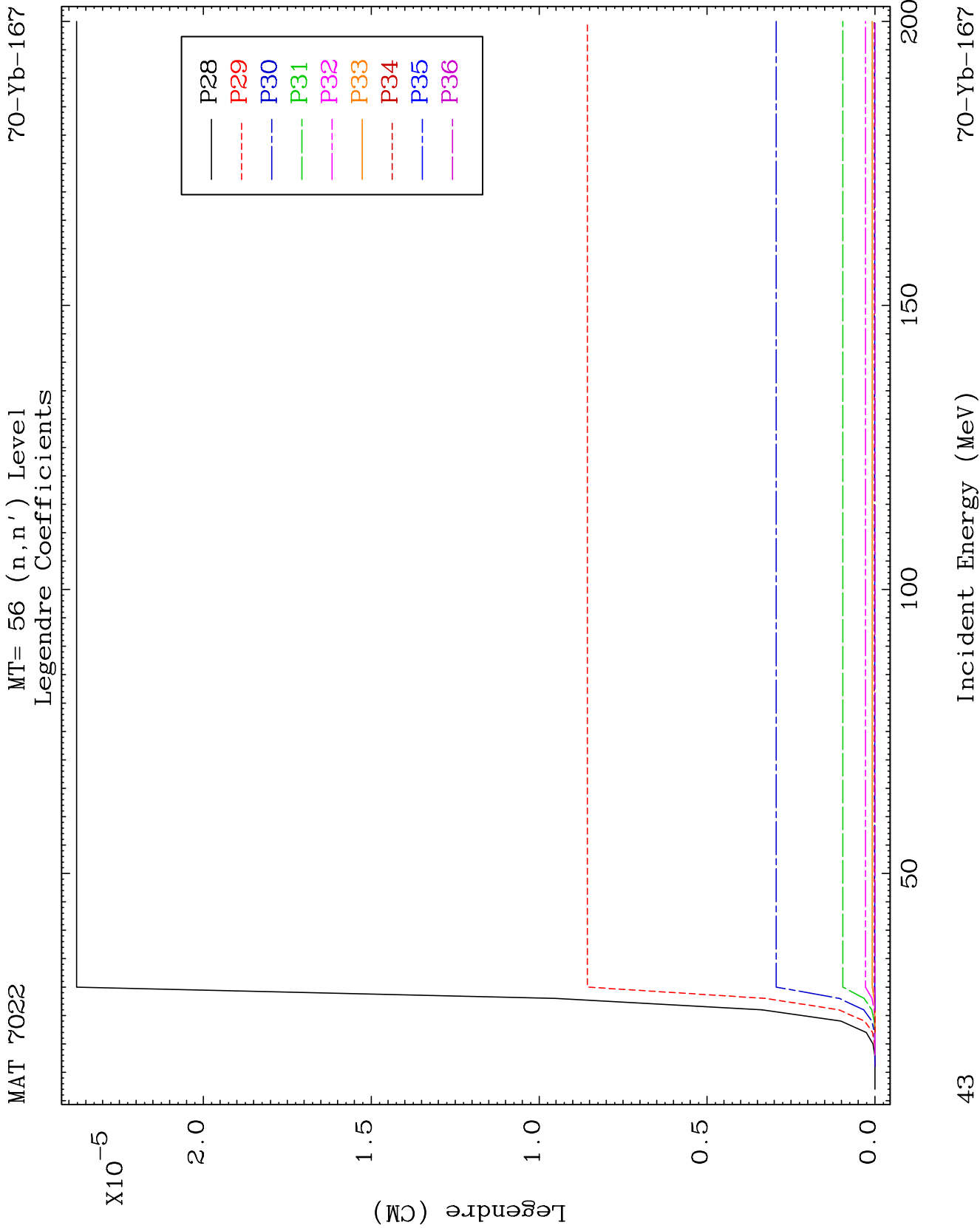


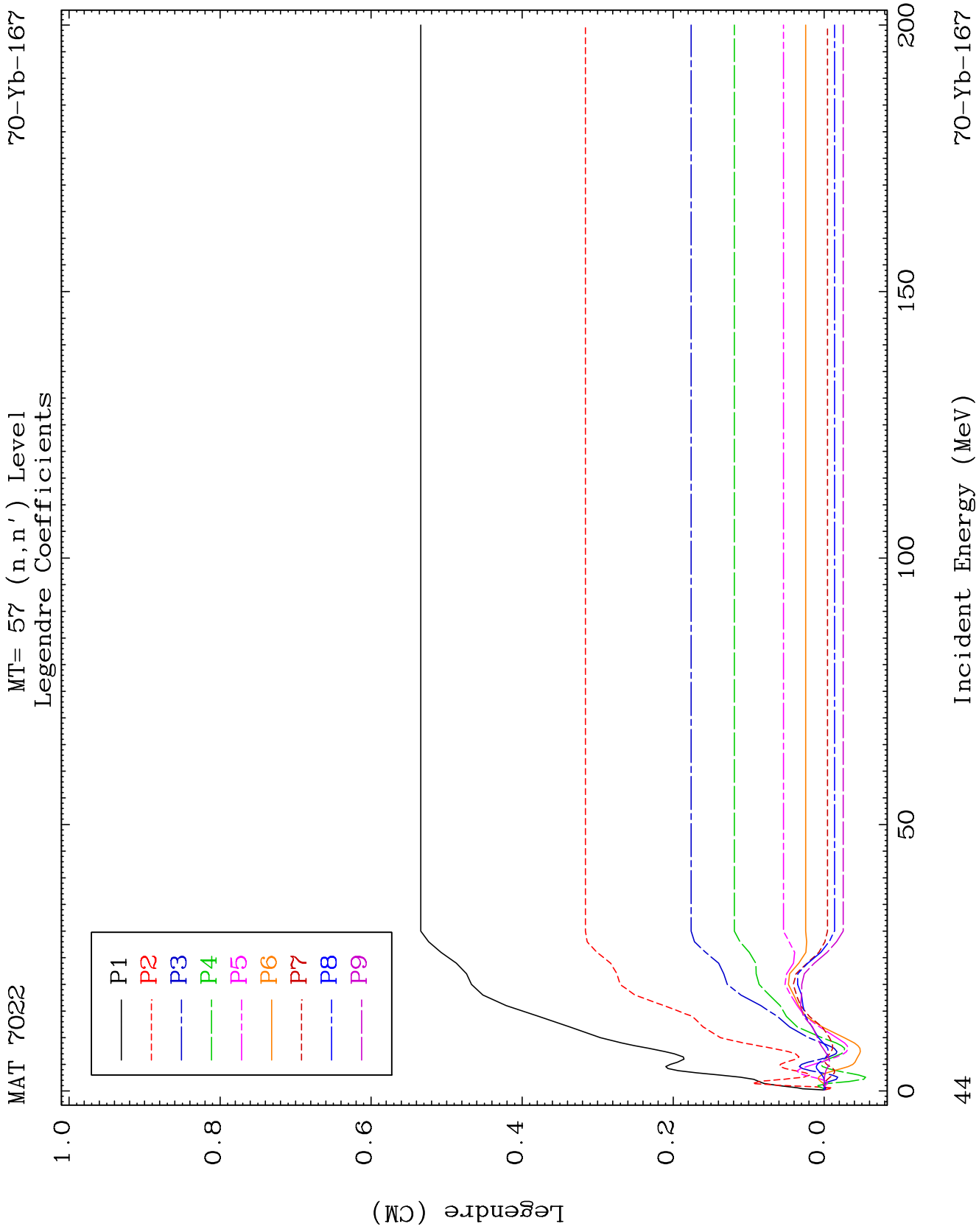
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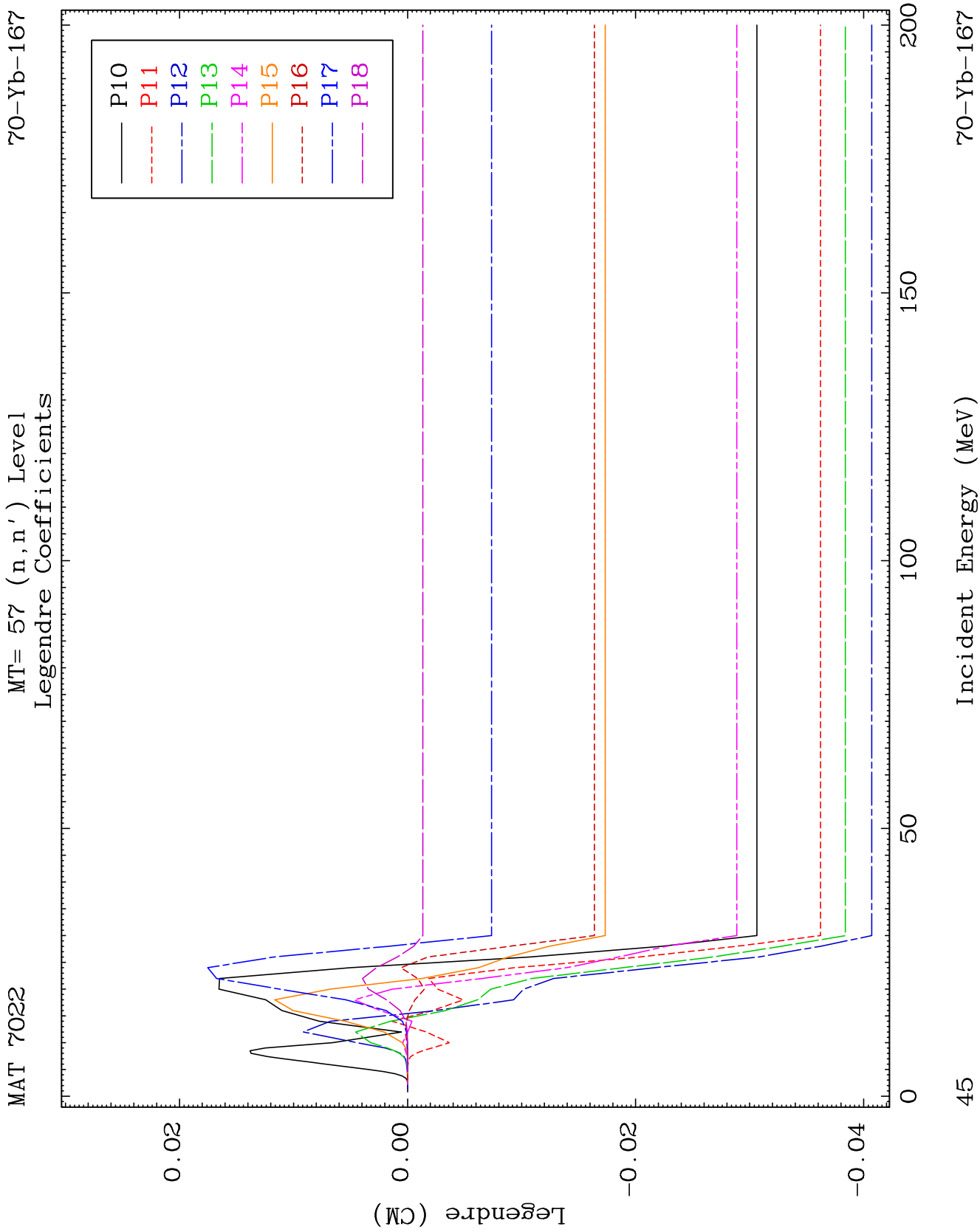
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Legendre Coefficients

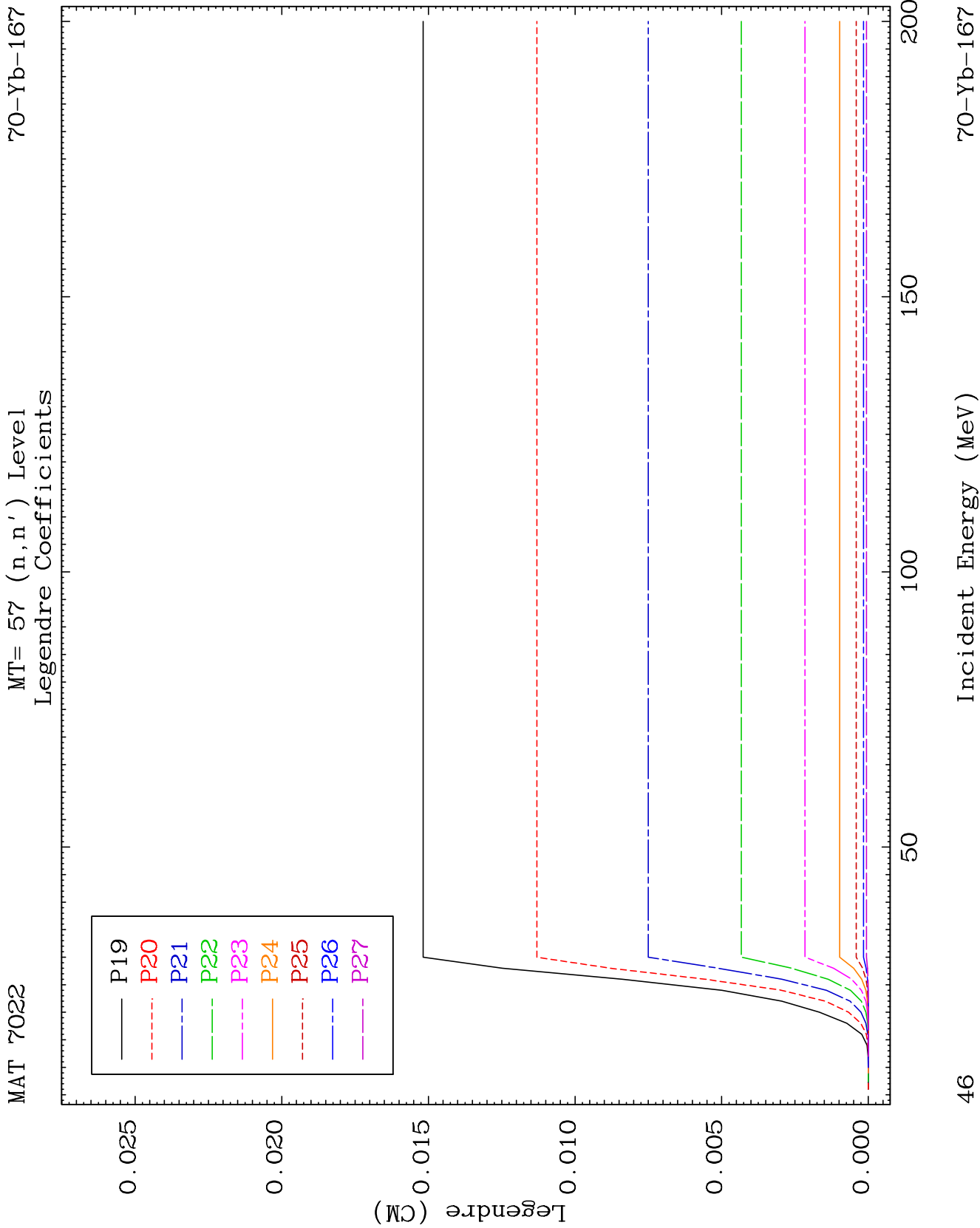
70-Yb-167

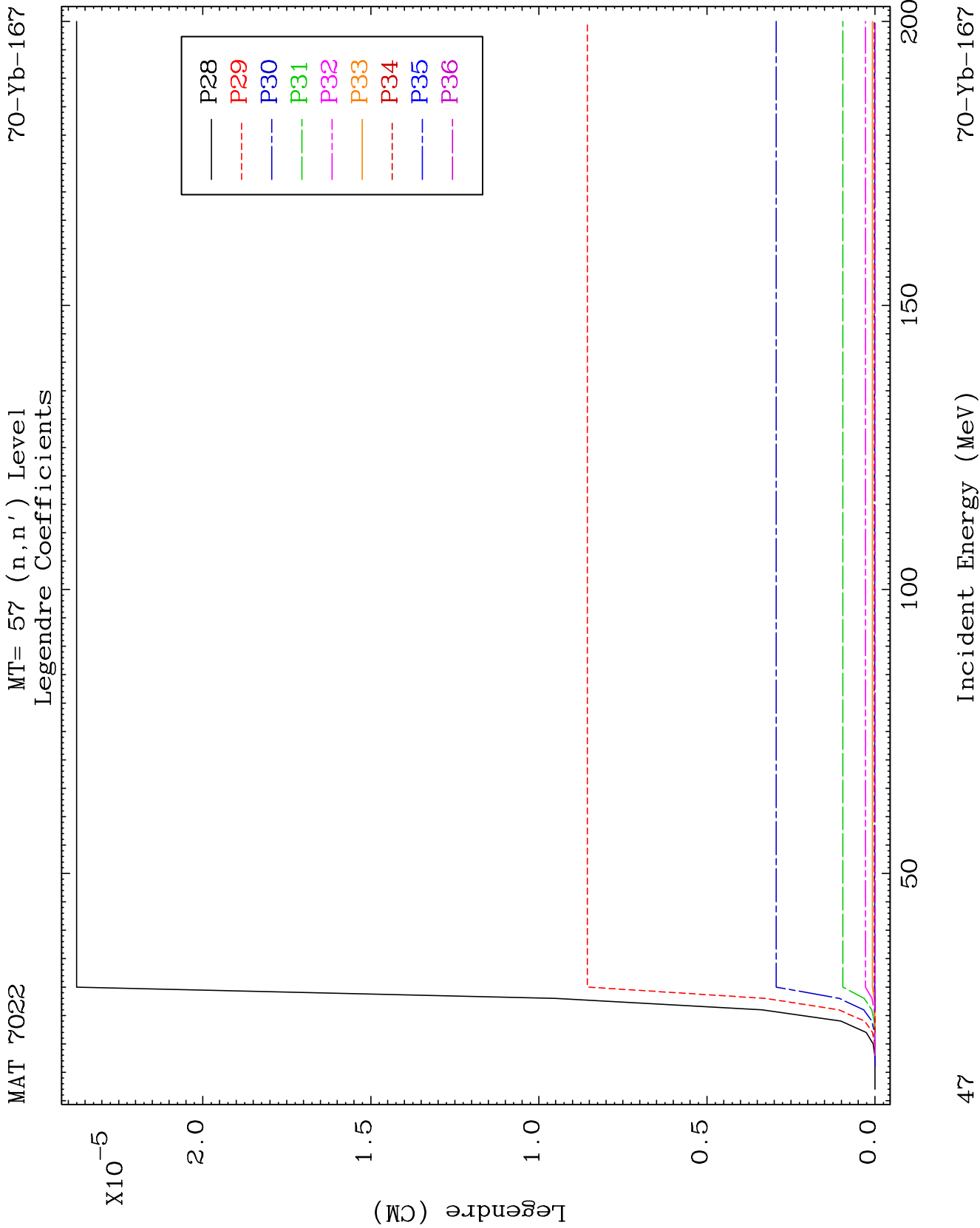








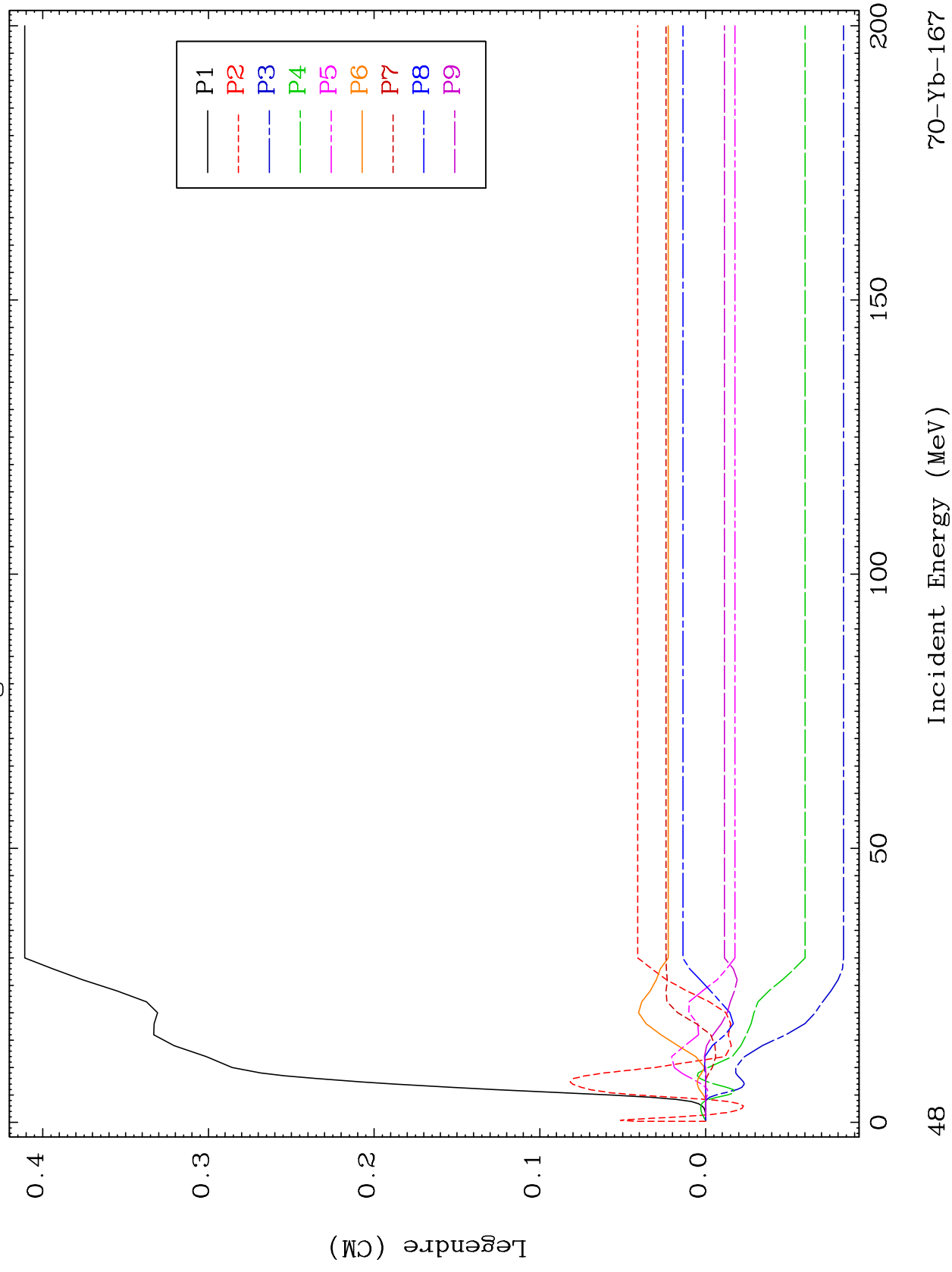




MAT 7022

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

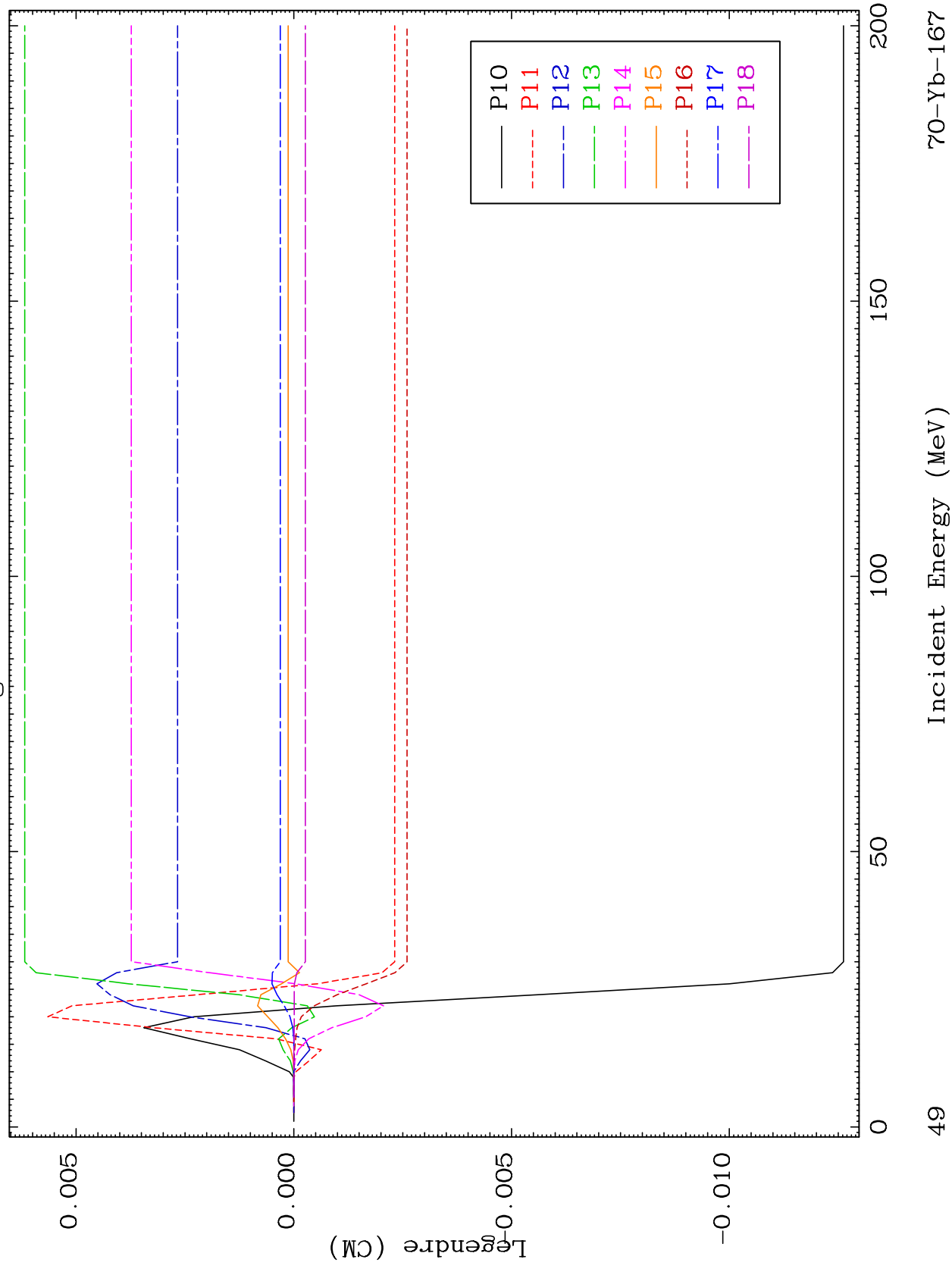
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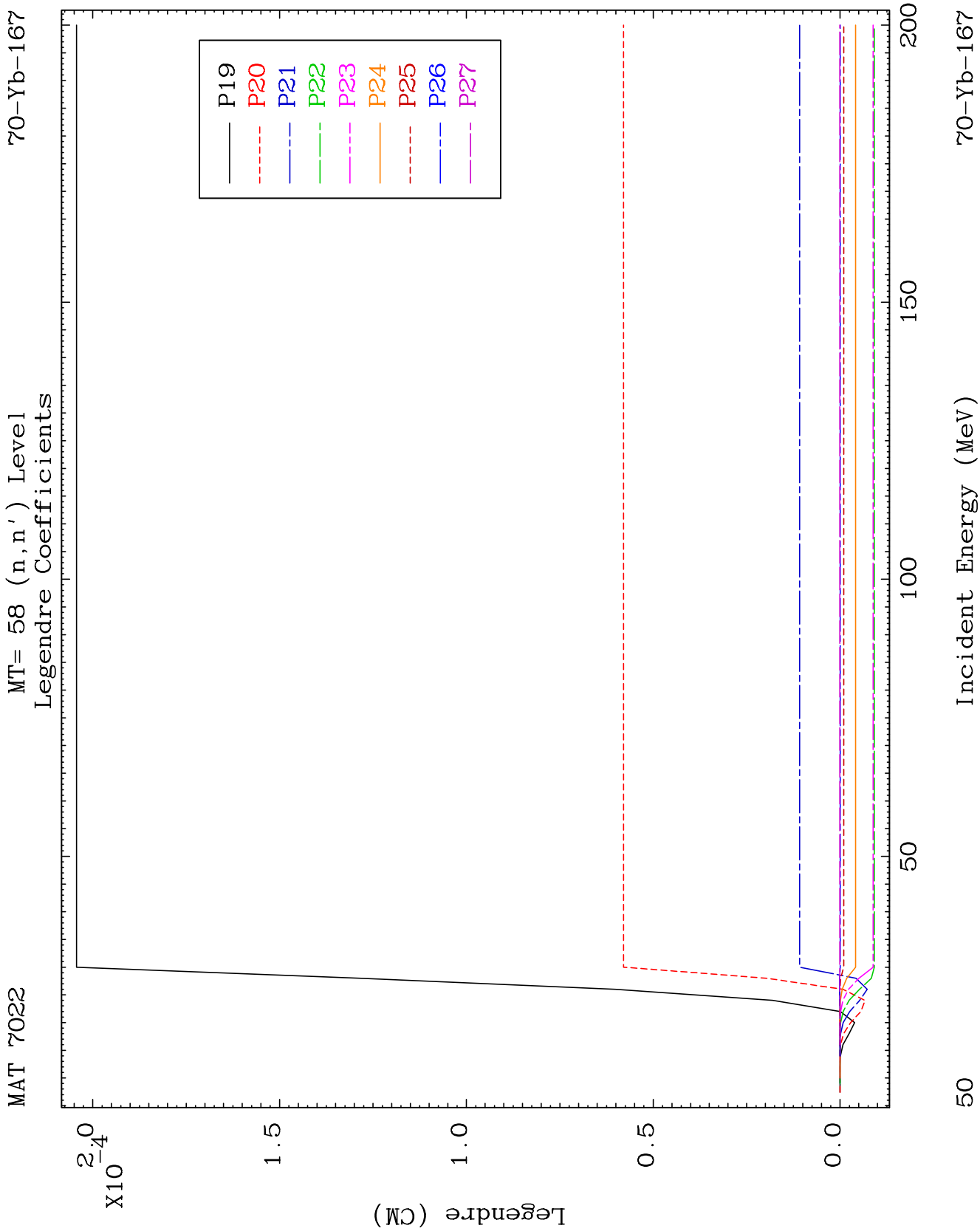


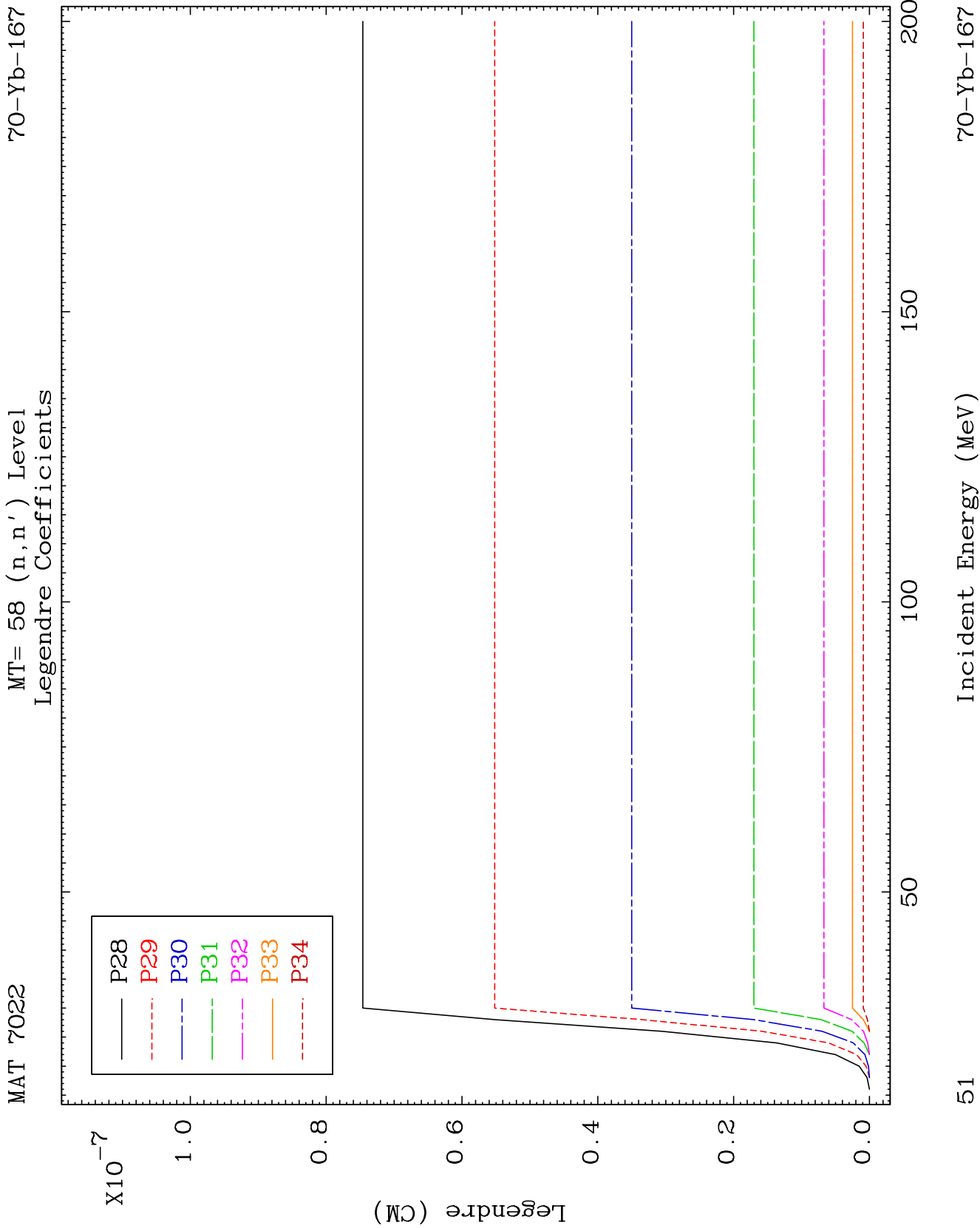
MAT 7022

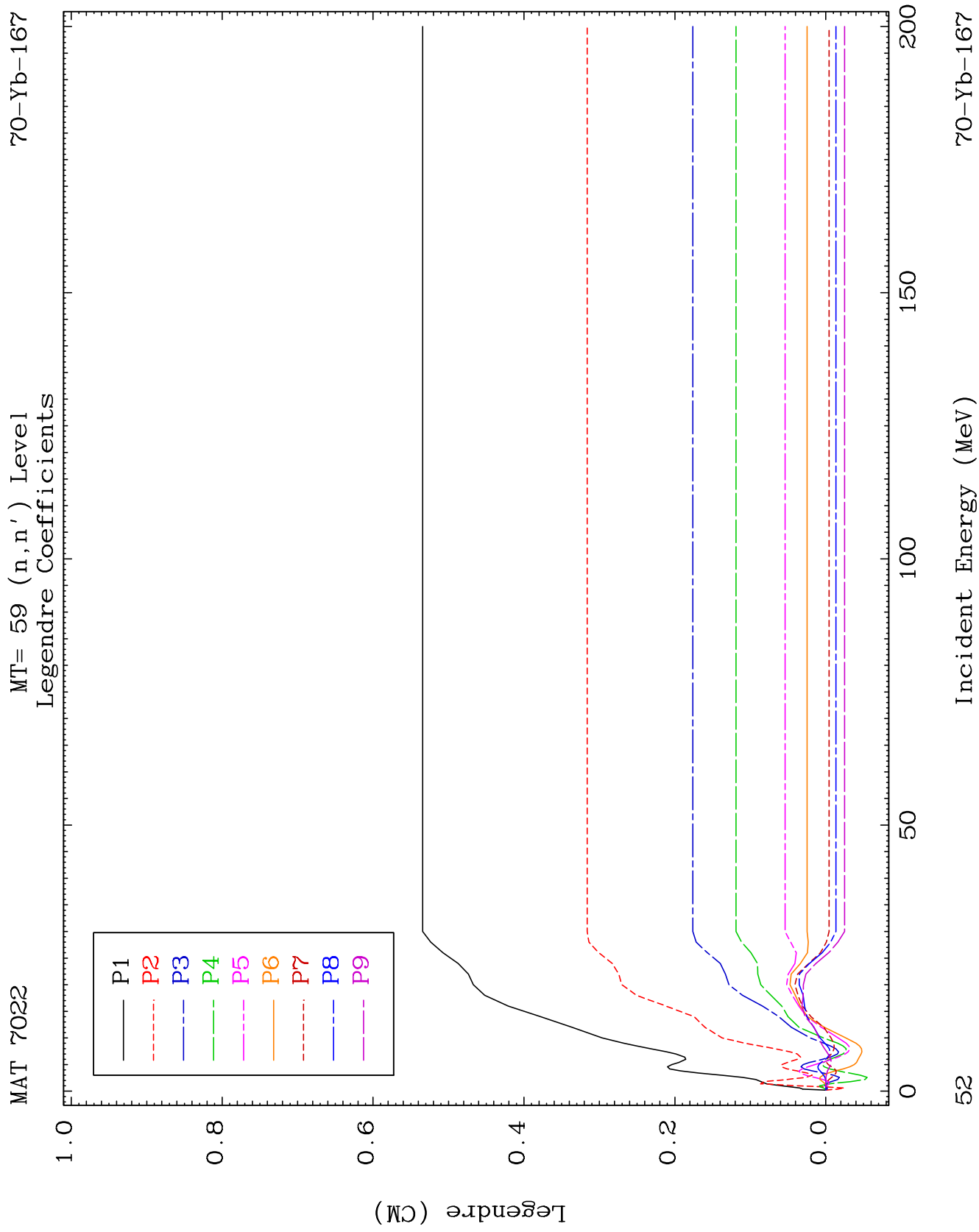
MT= 58 (n, n') Level  
Legendre Coefficients

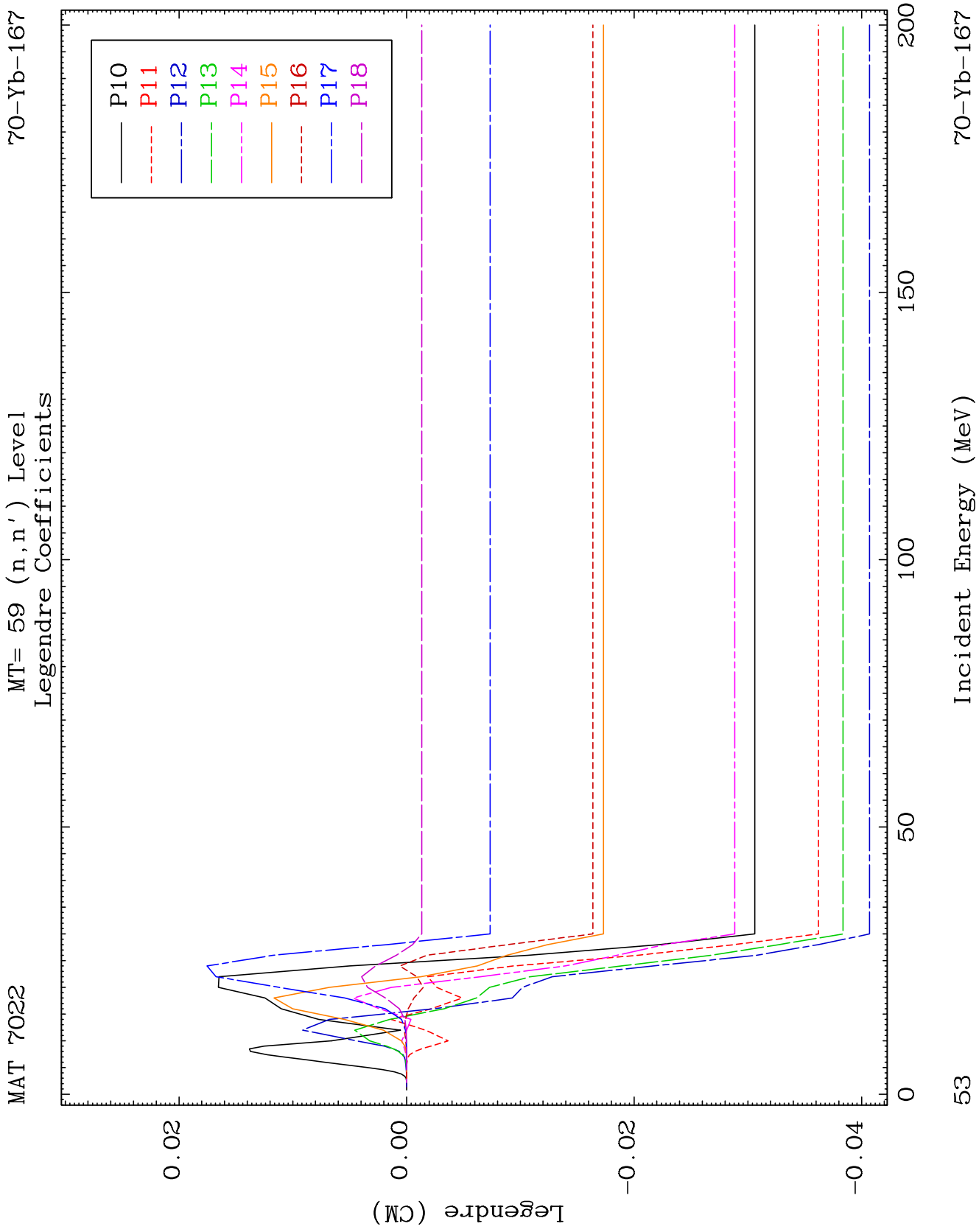
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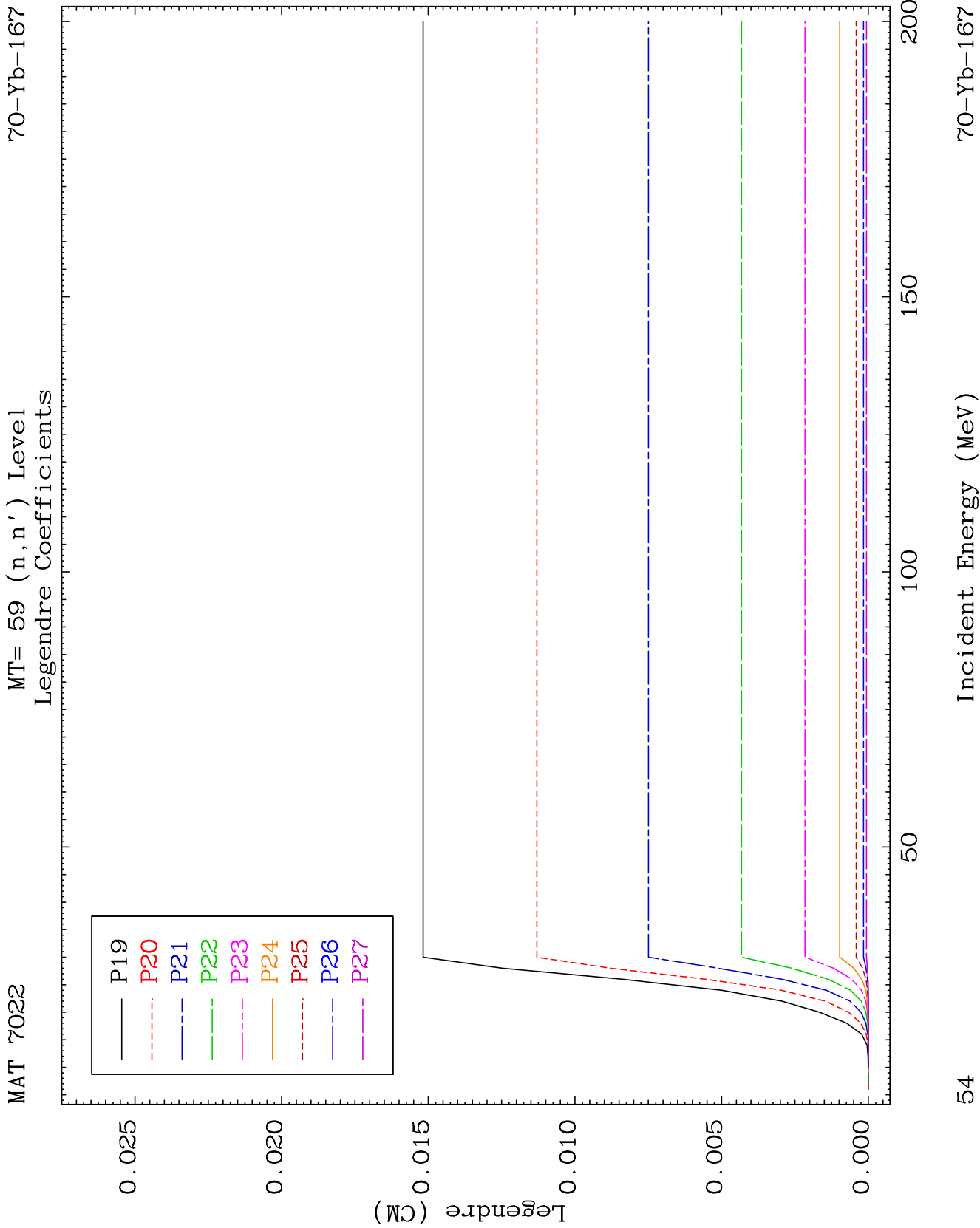








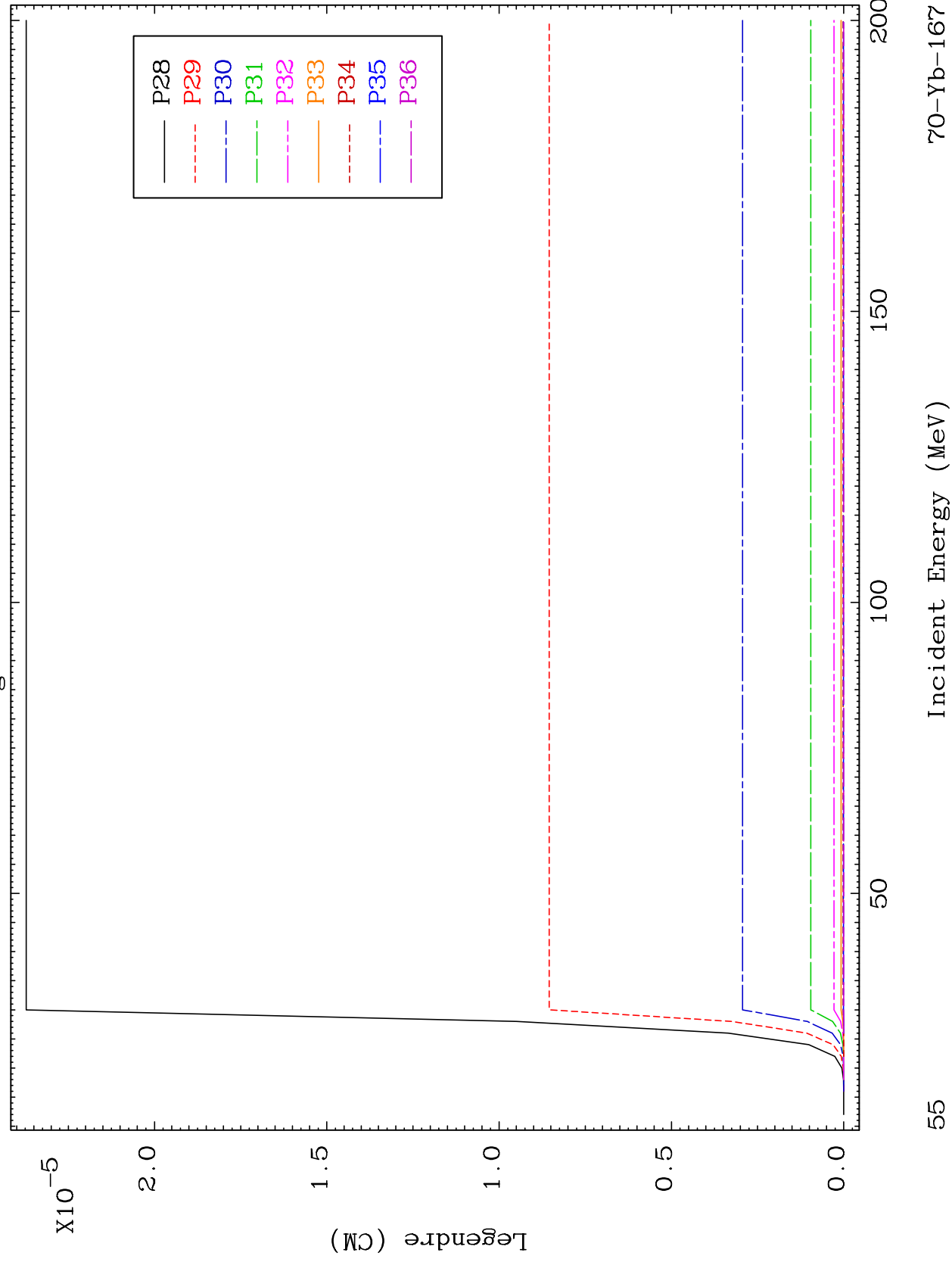


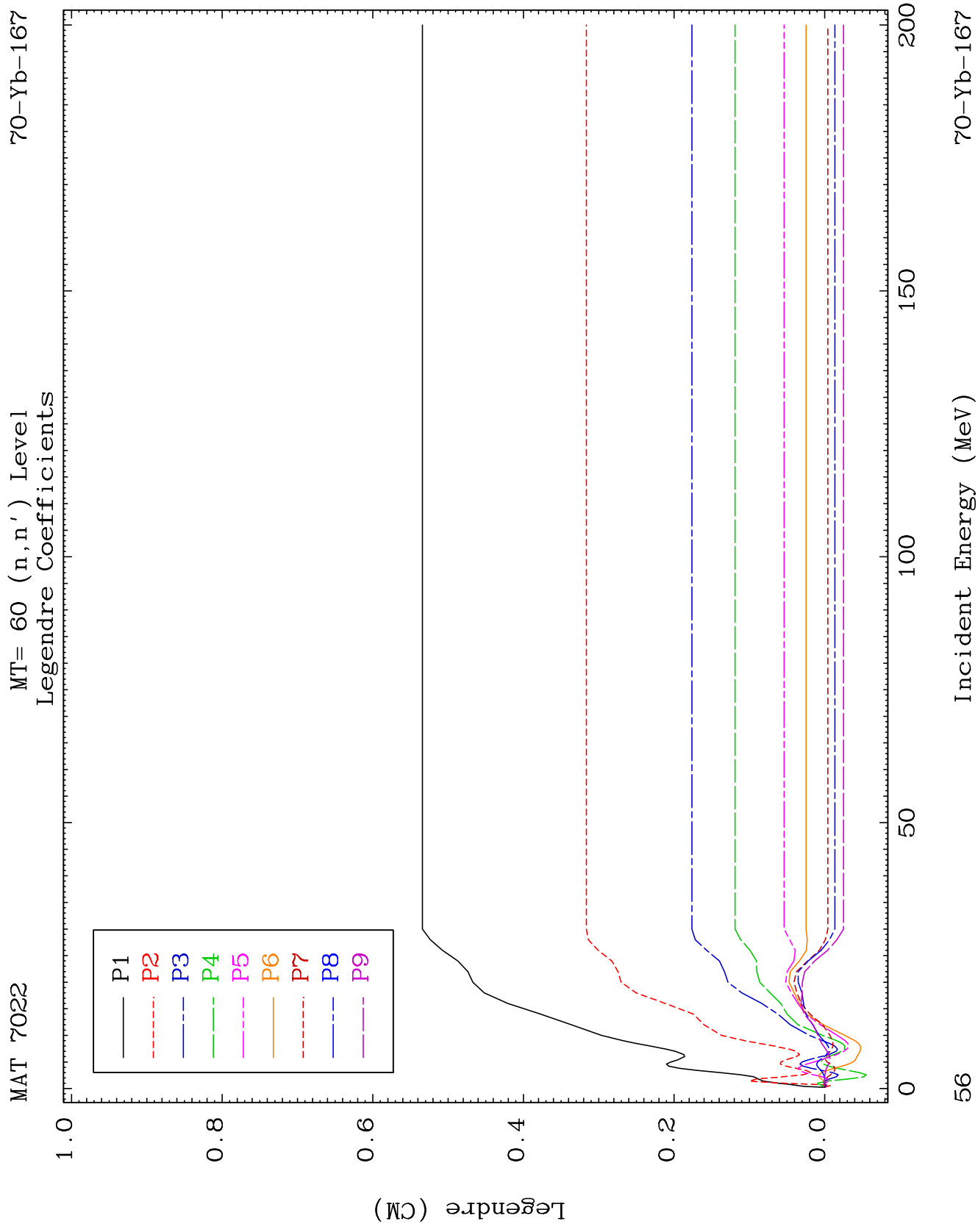


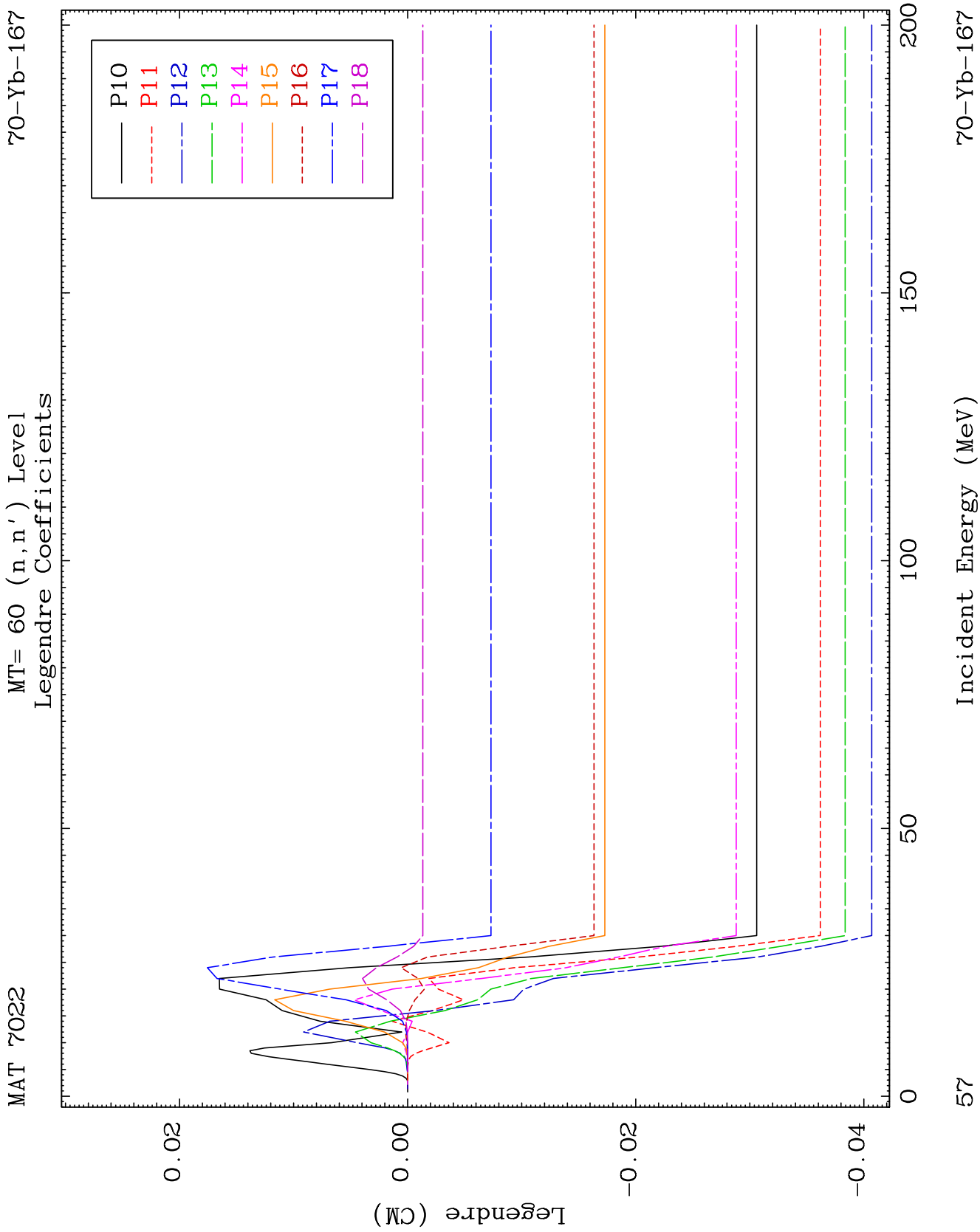
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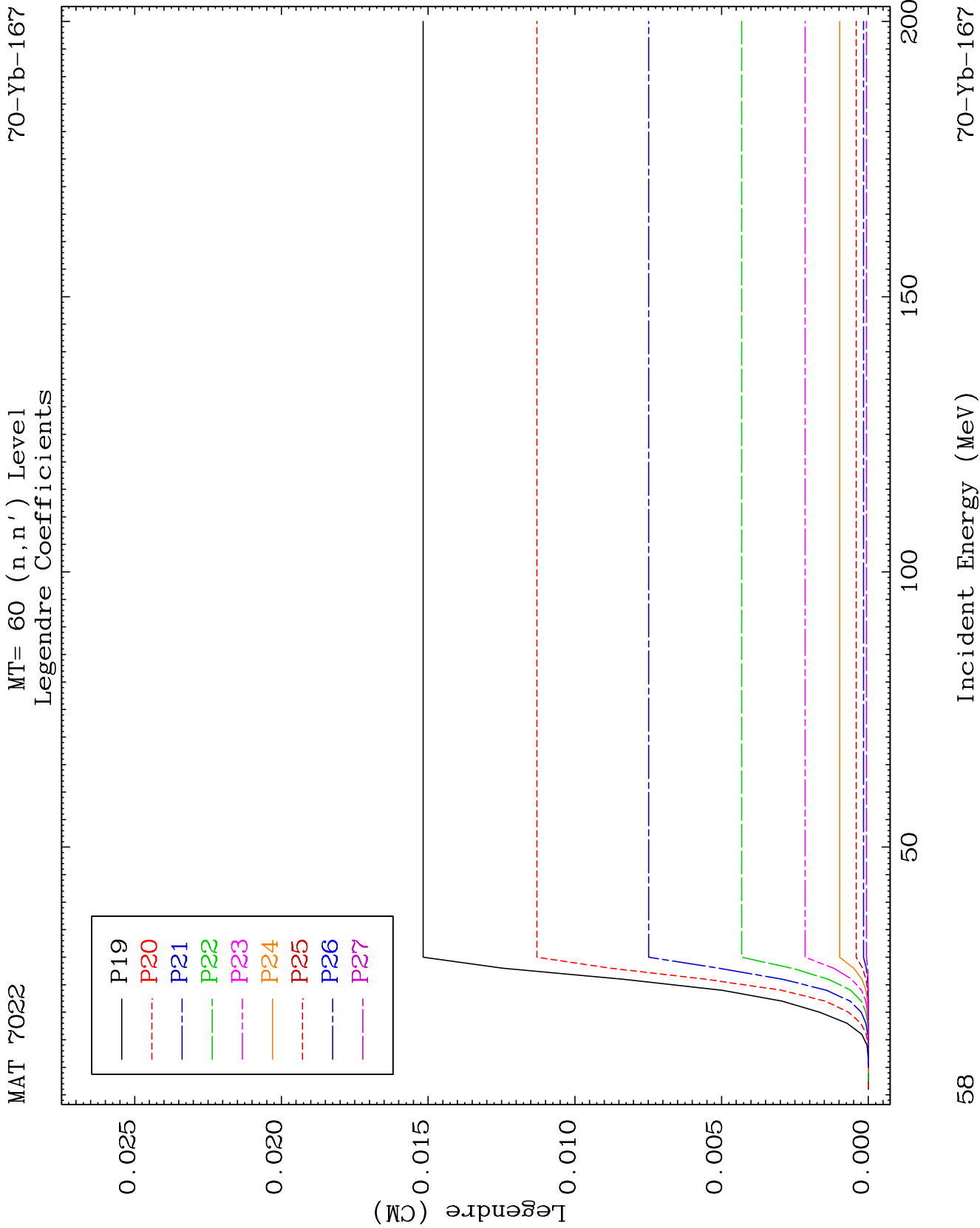
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Legendre Coefficients

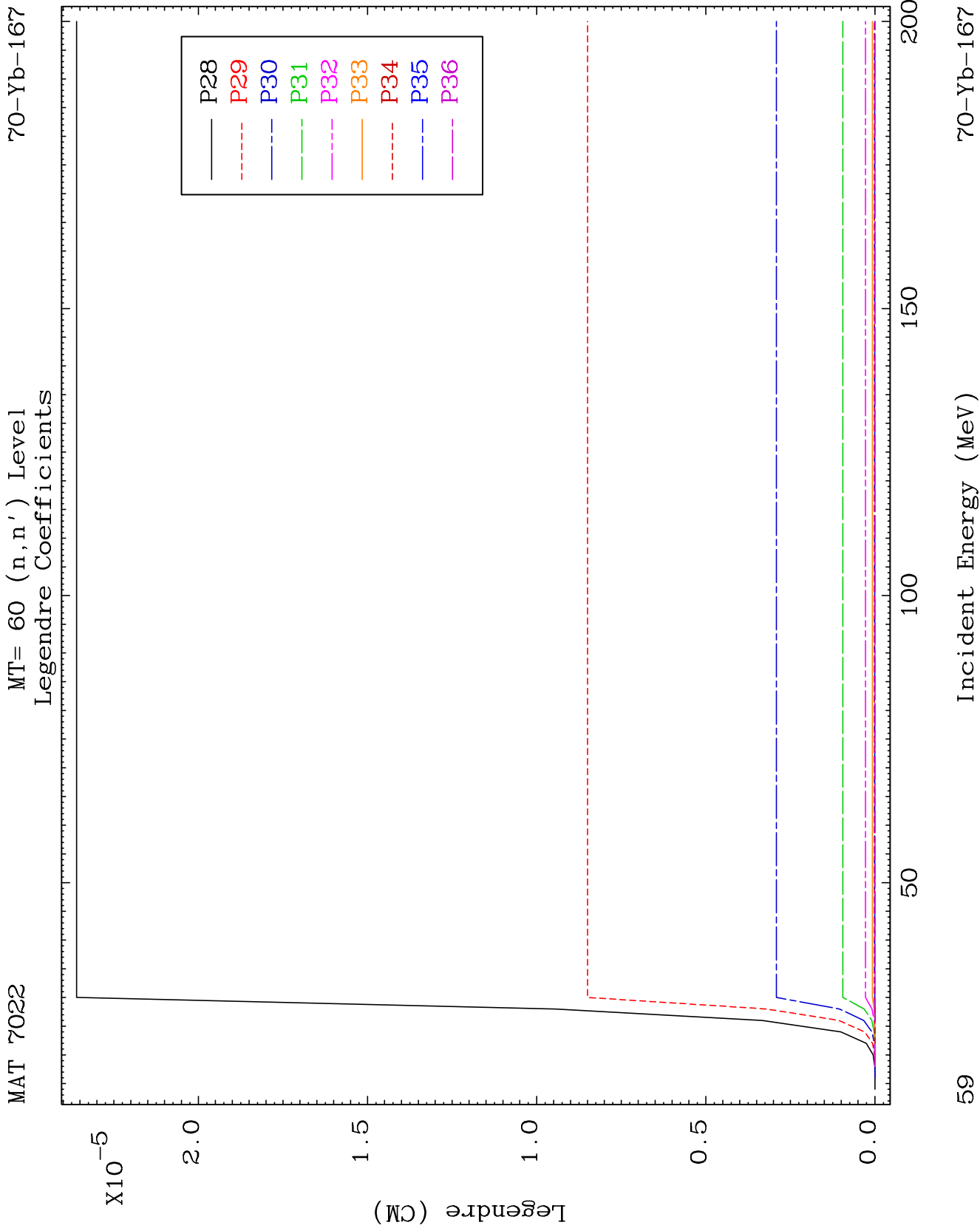
70-Yb-167







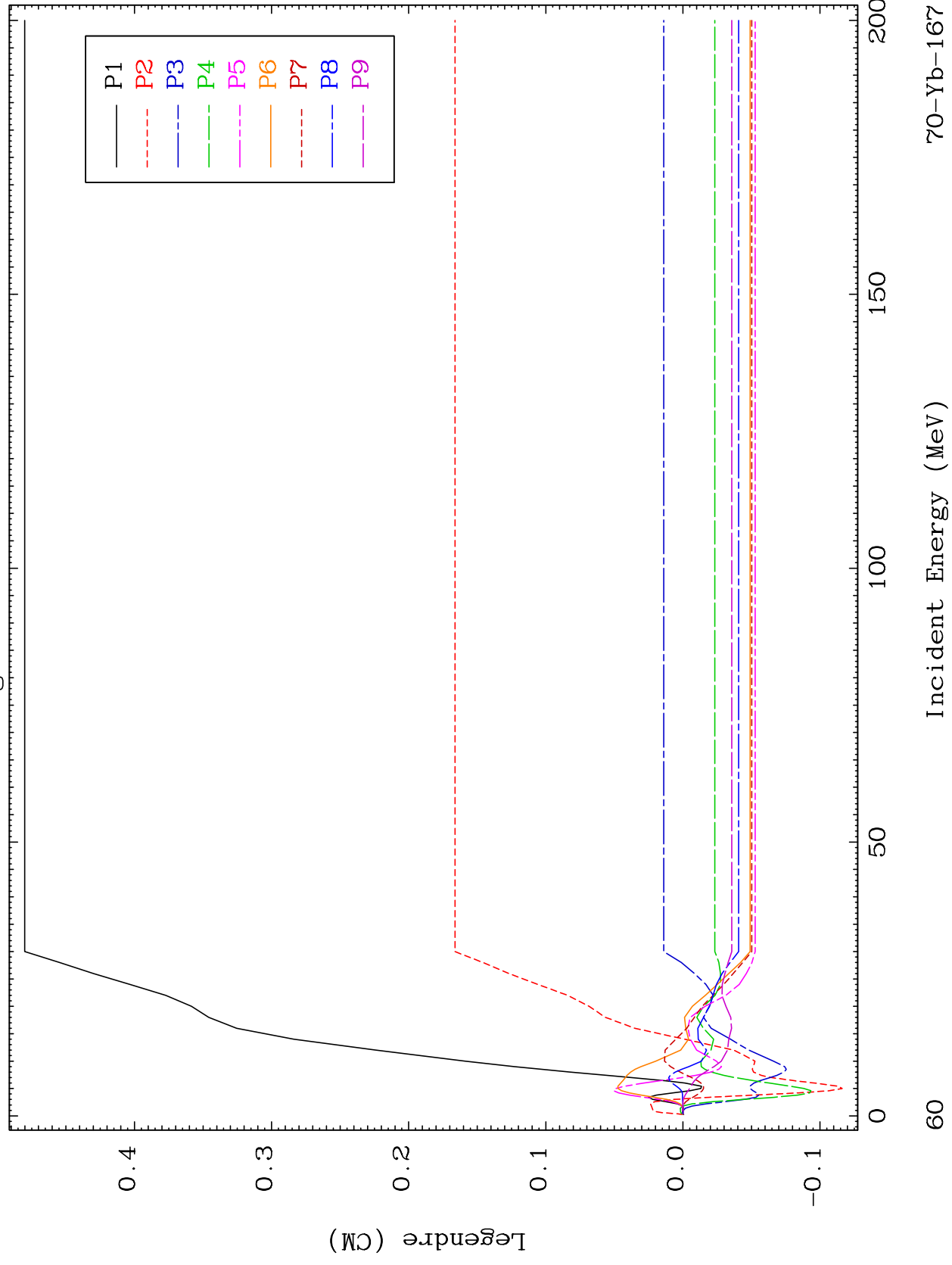


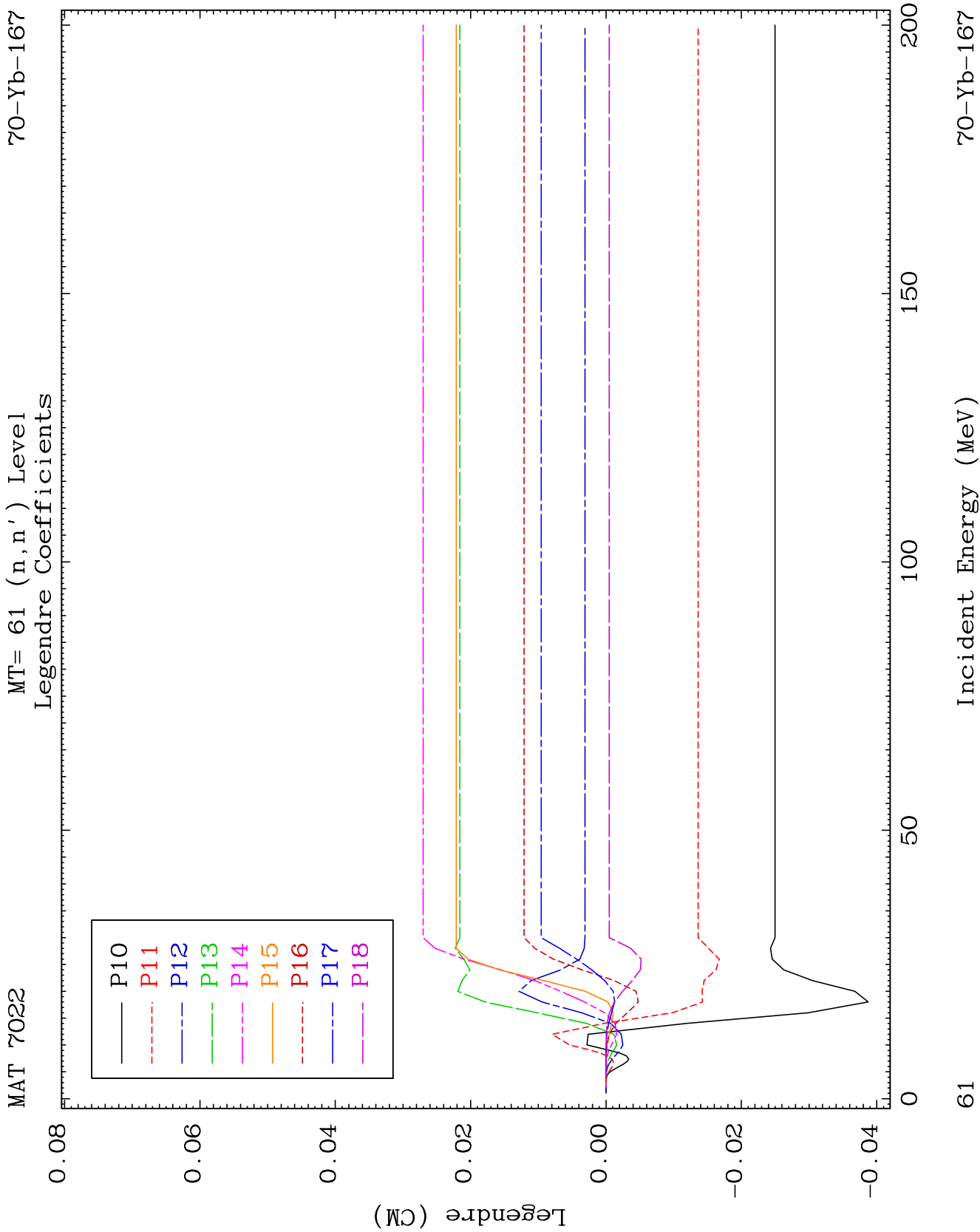


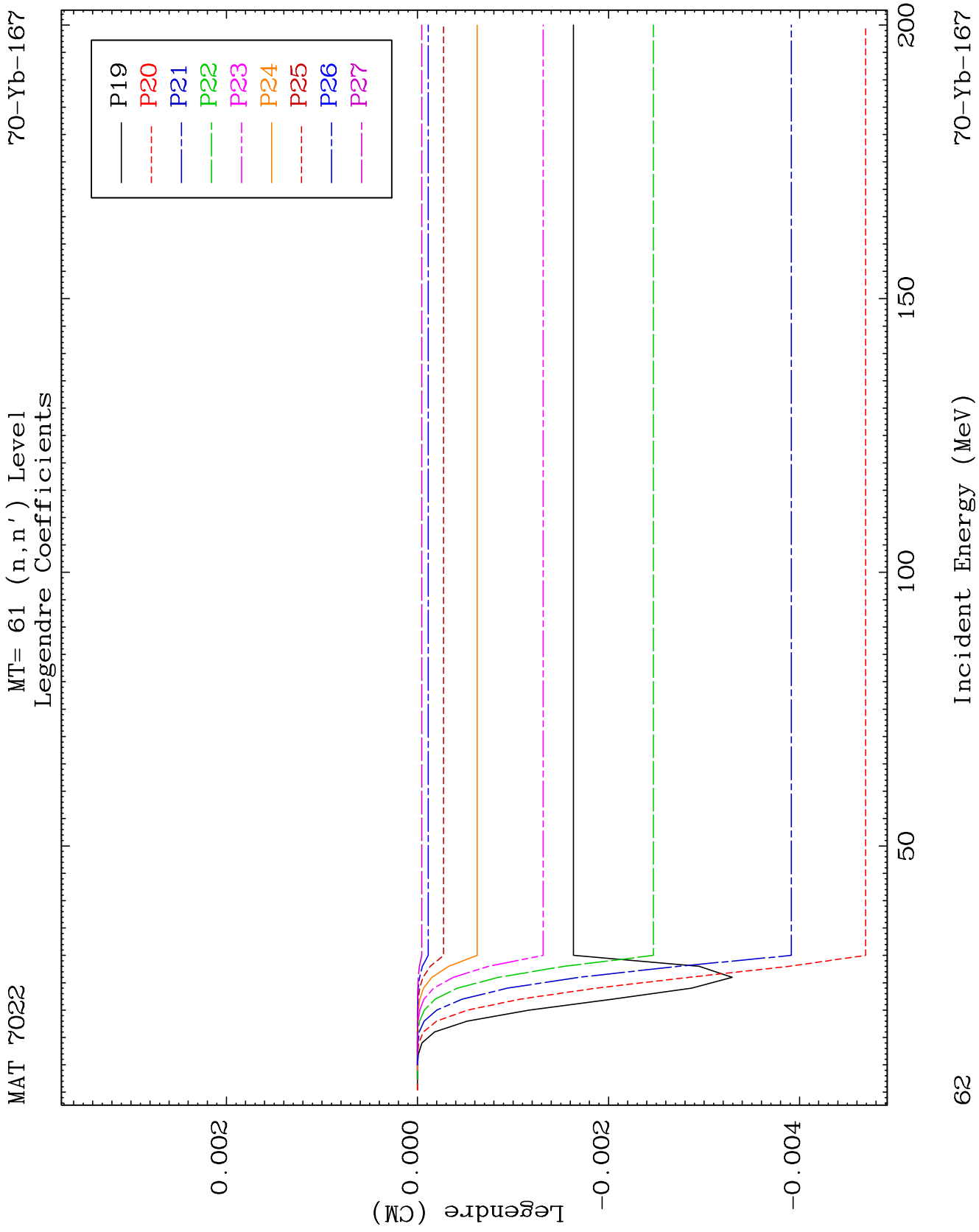
MAT 7022

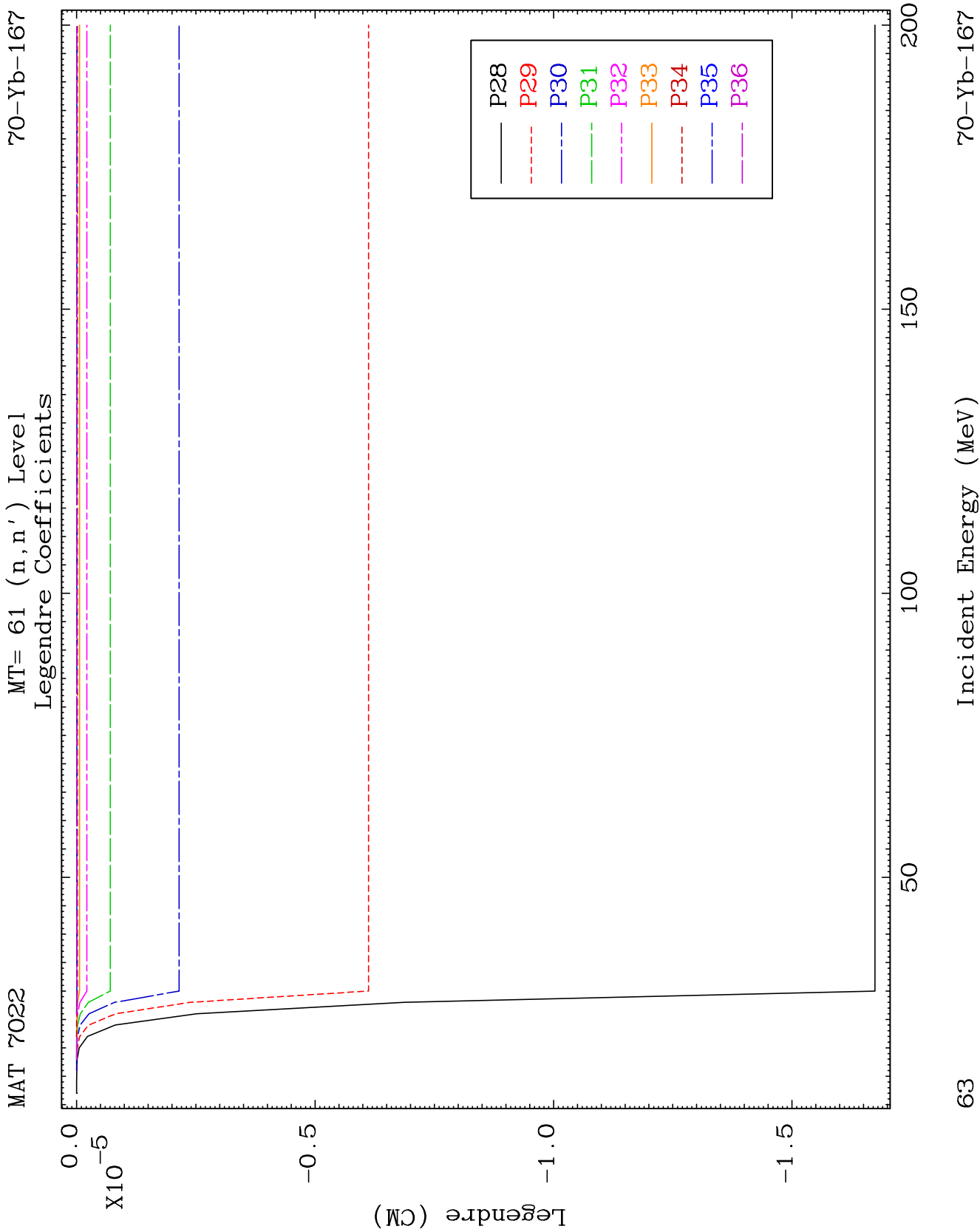
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Legendre Coefficients

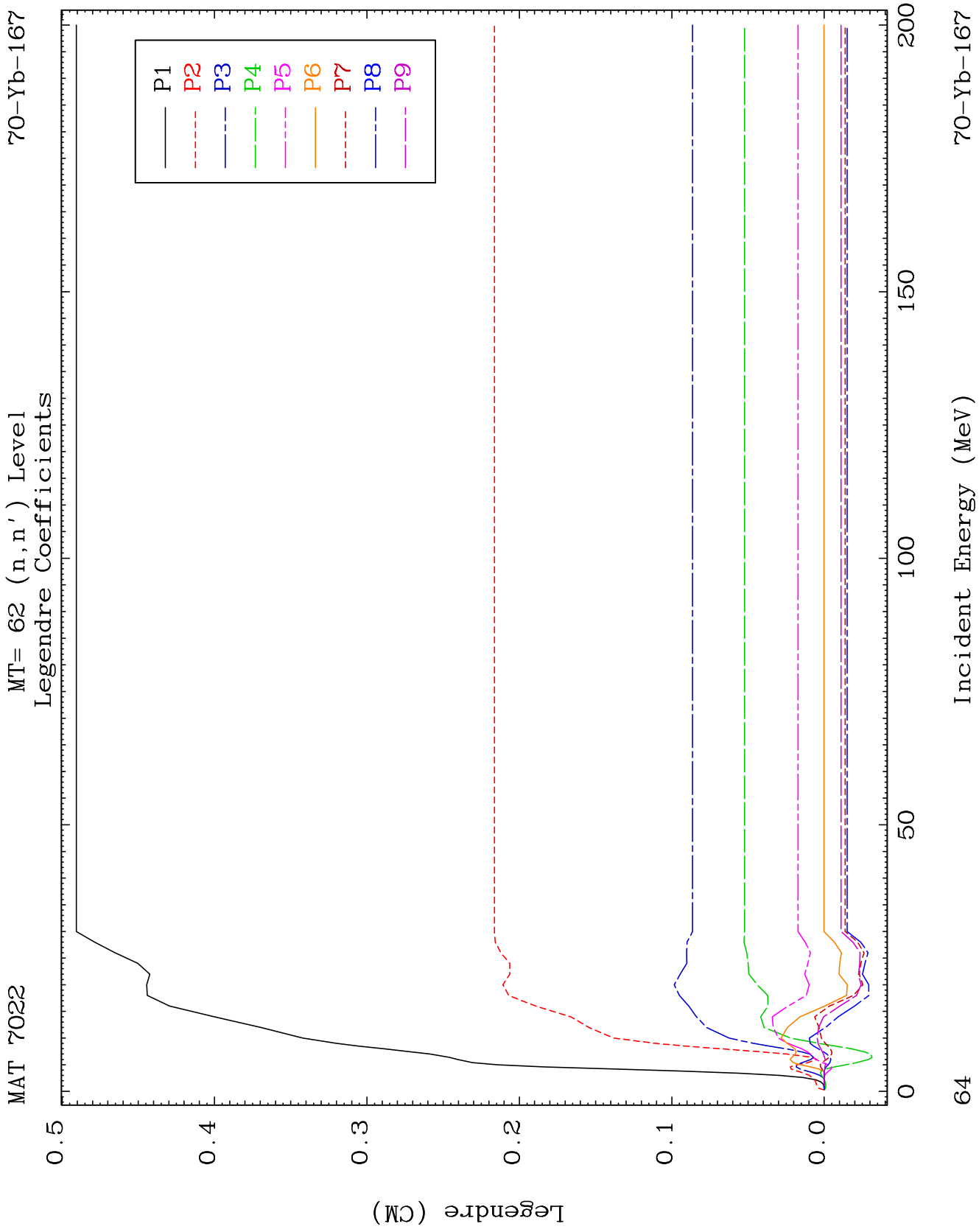
70-Yb-167







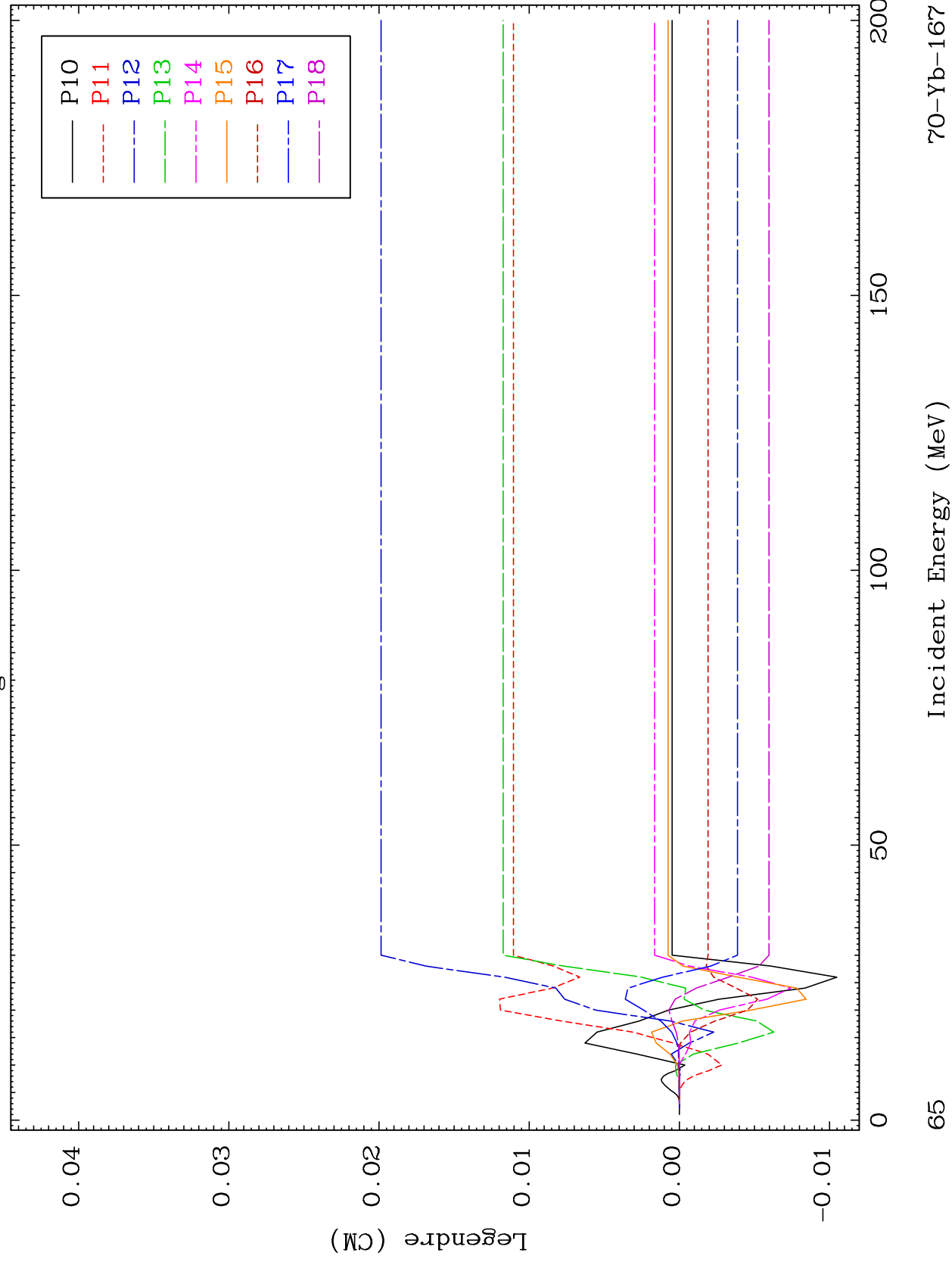


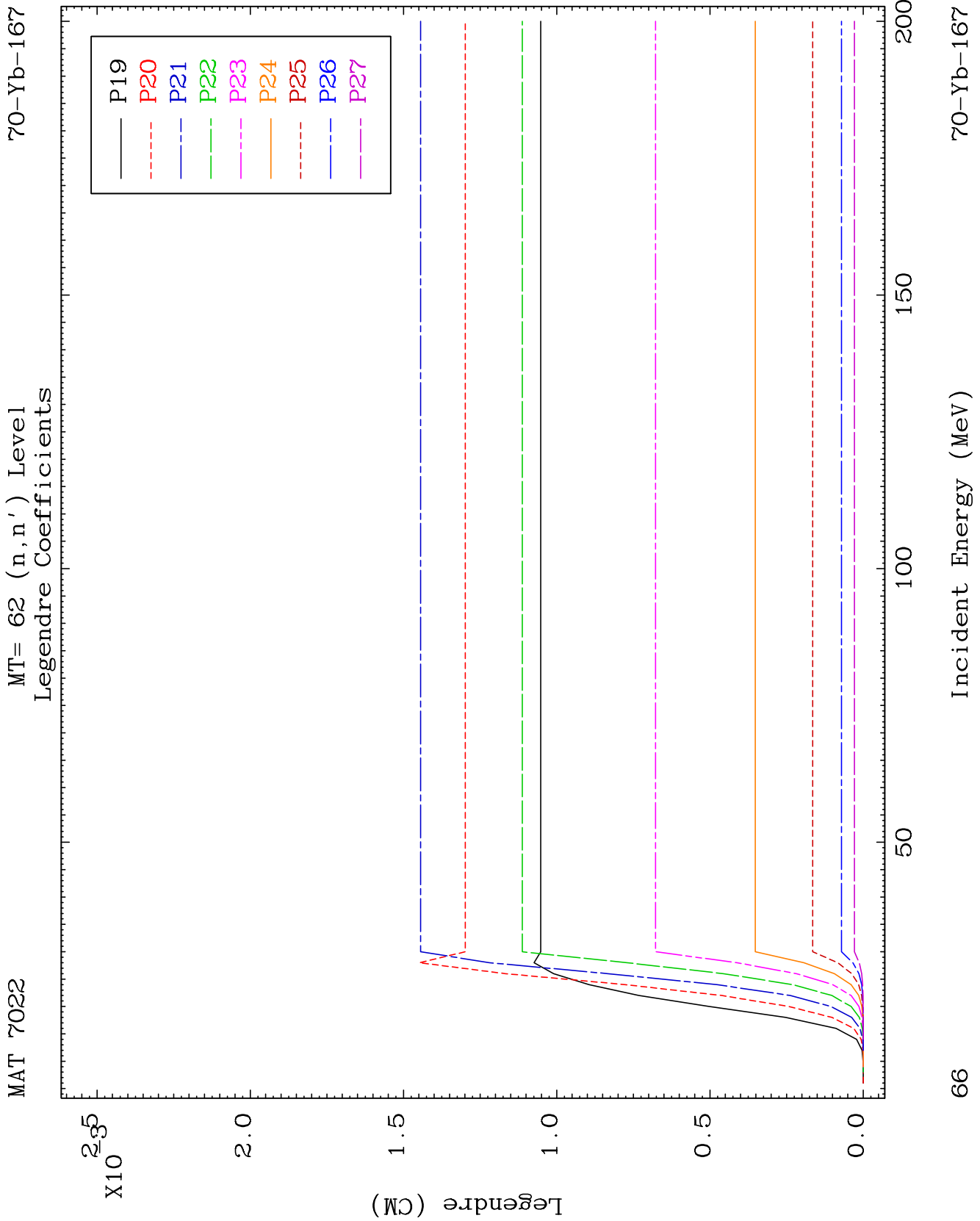


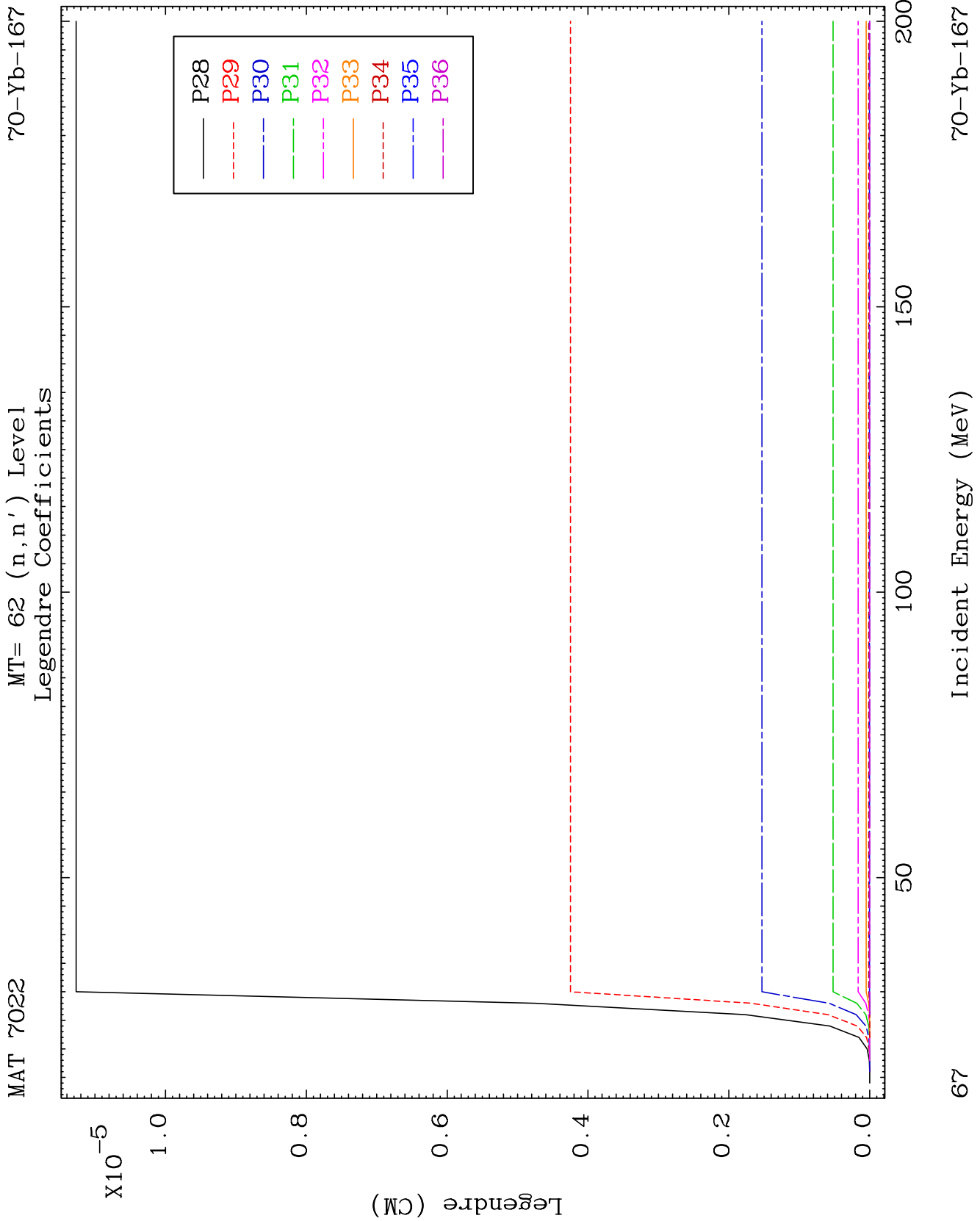
MAT 7022

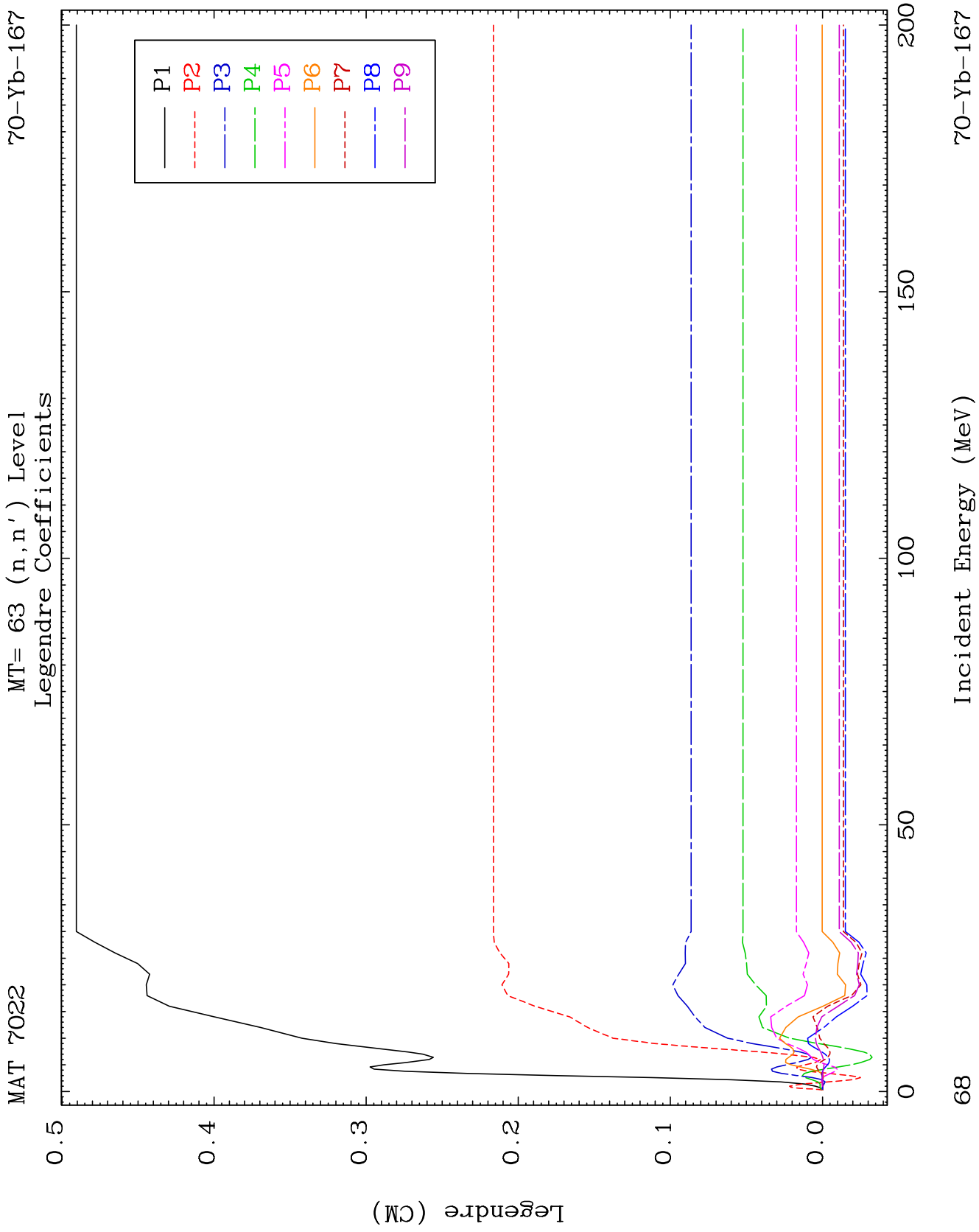
MT= 62 (n, n') Level  
Legendre Coefficients

70-Yb-167





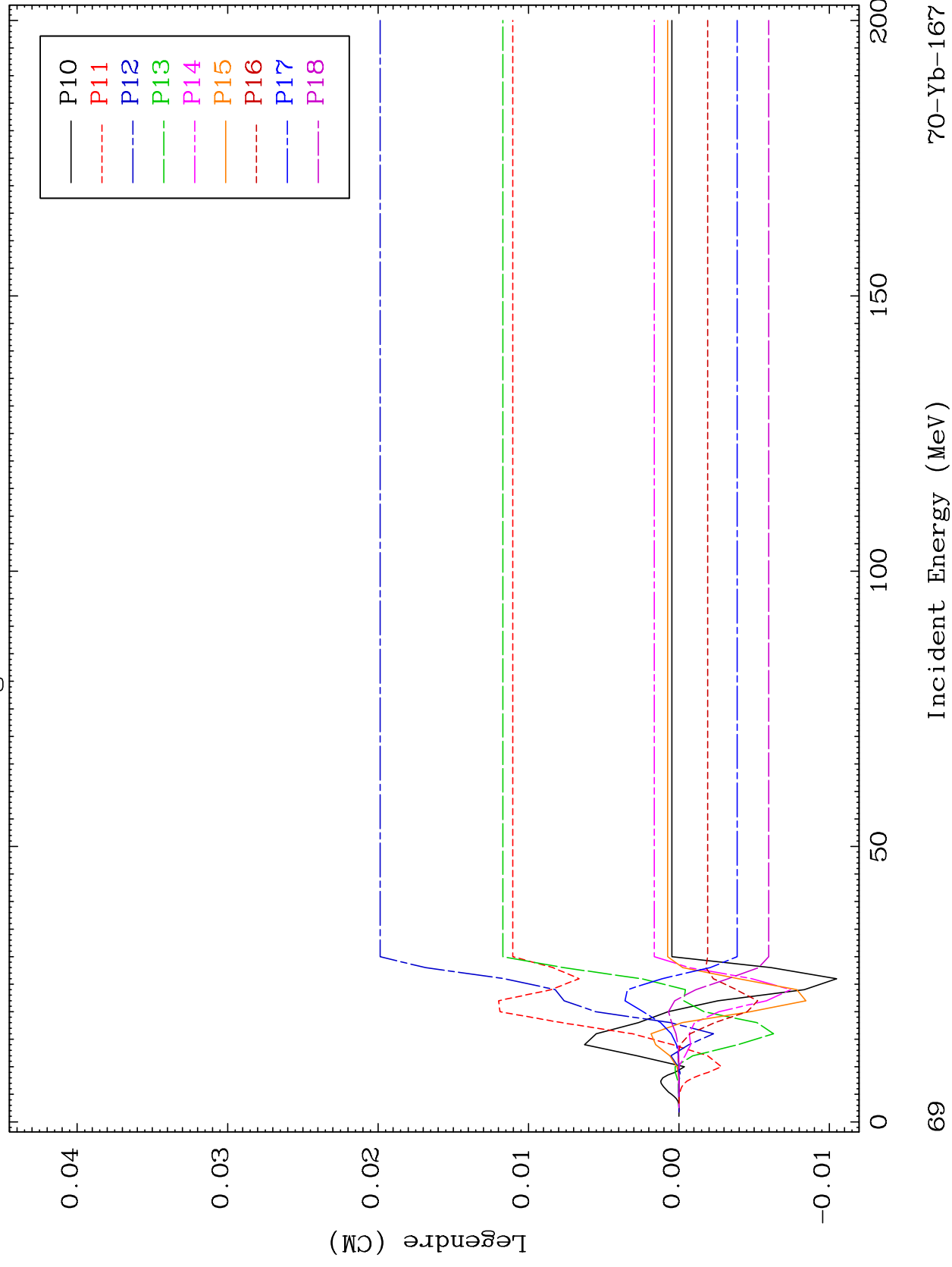


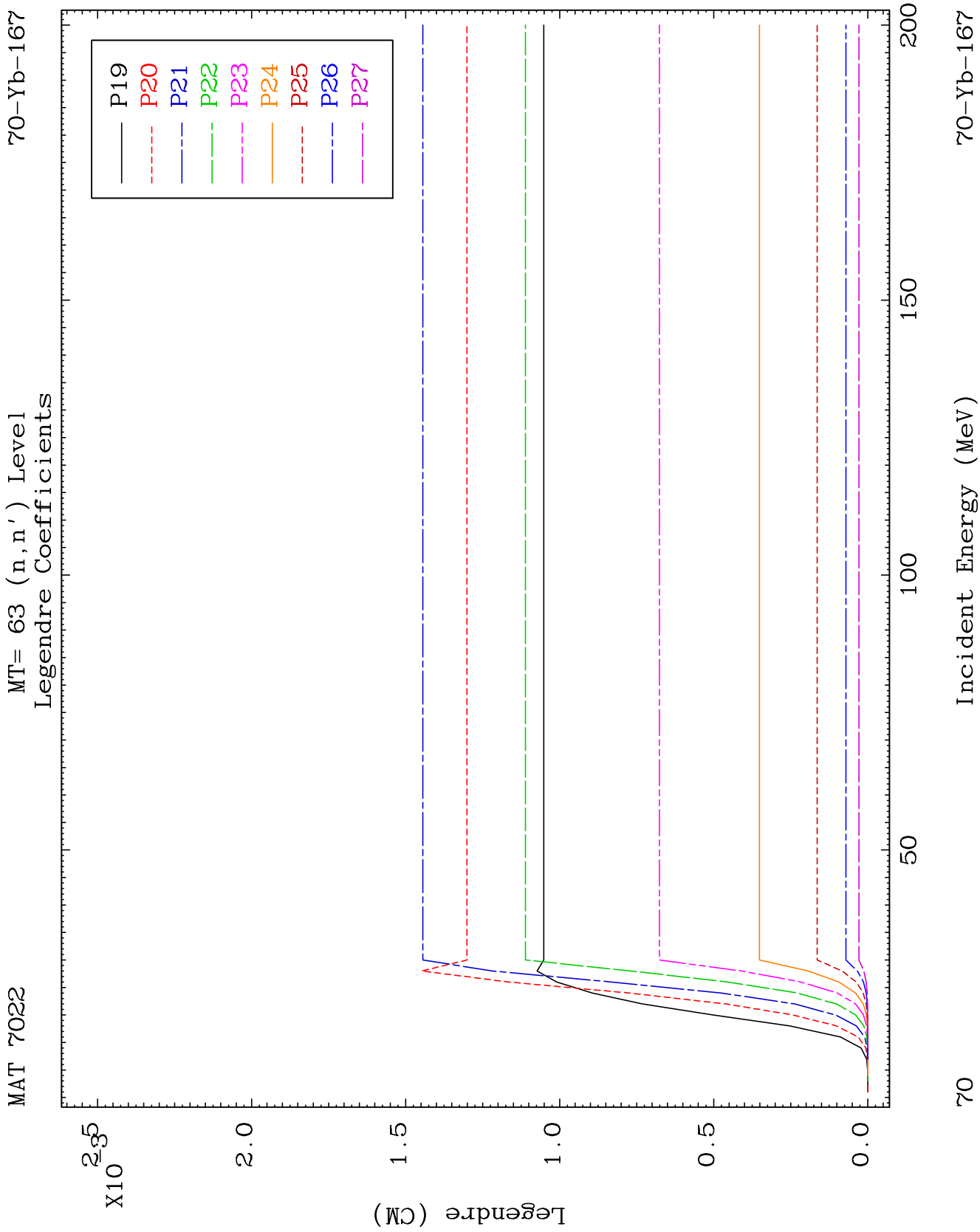


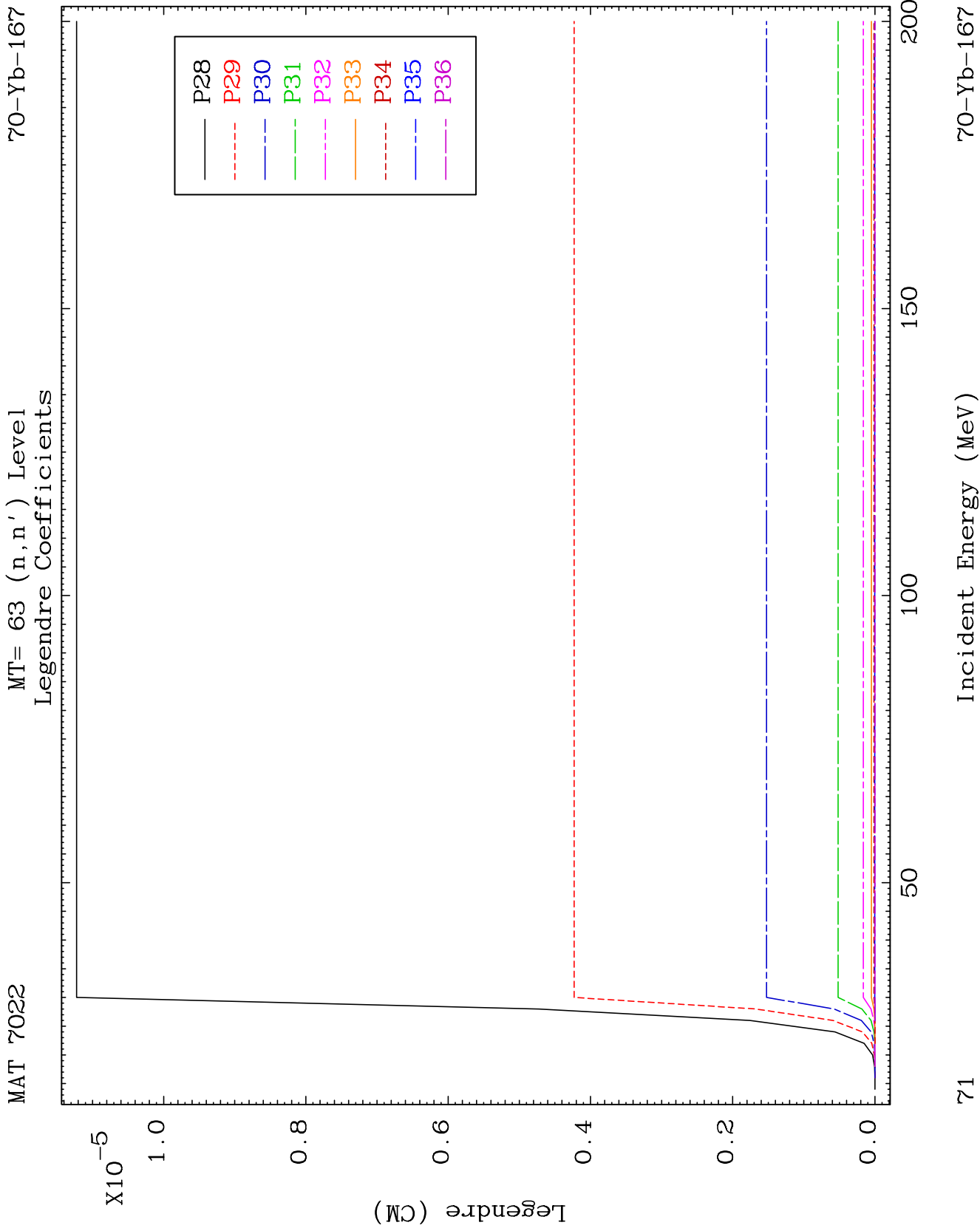
MAT 7022

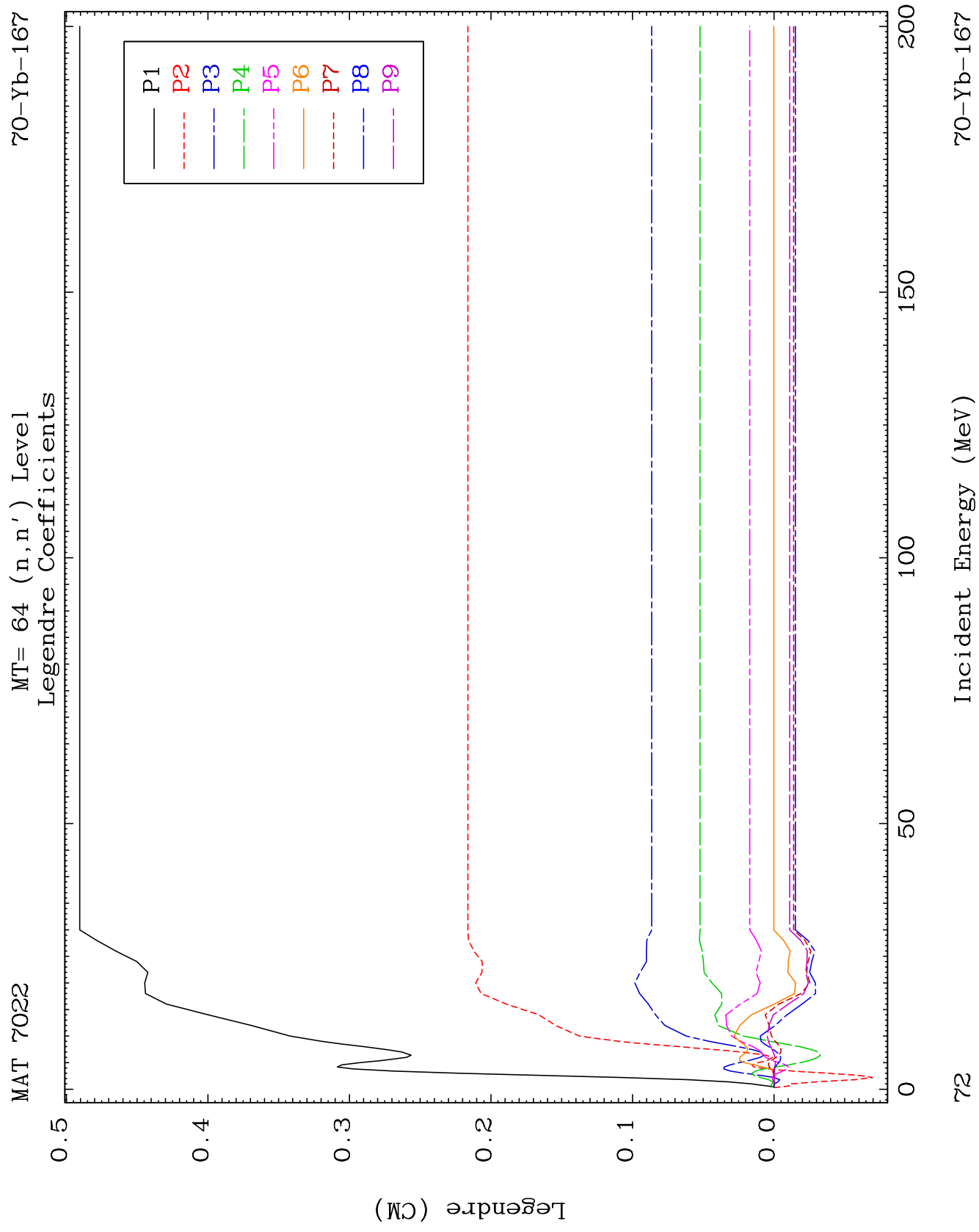
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Legendre Coefficients

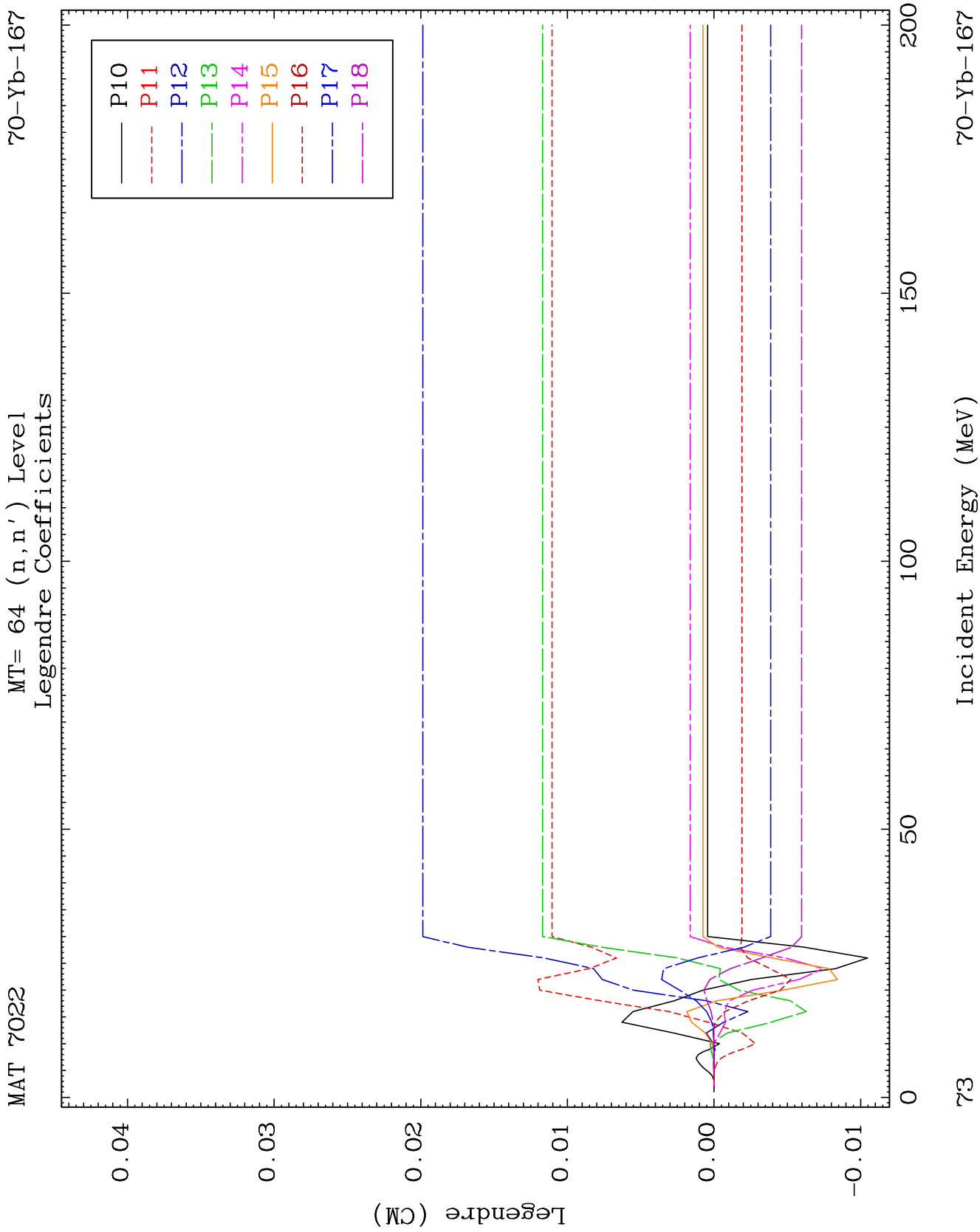
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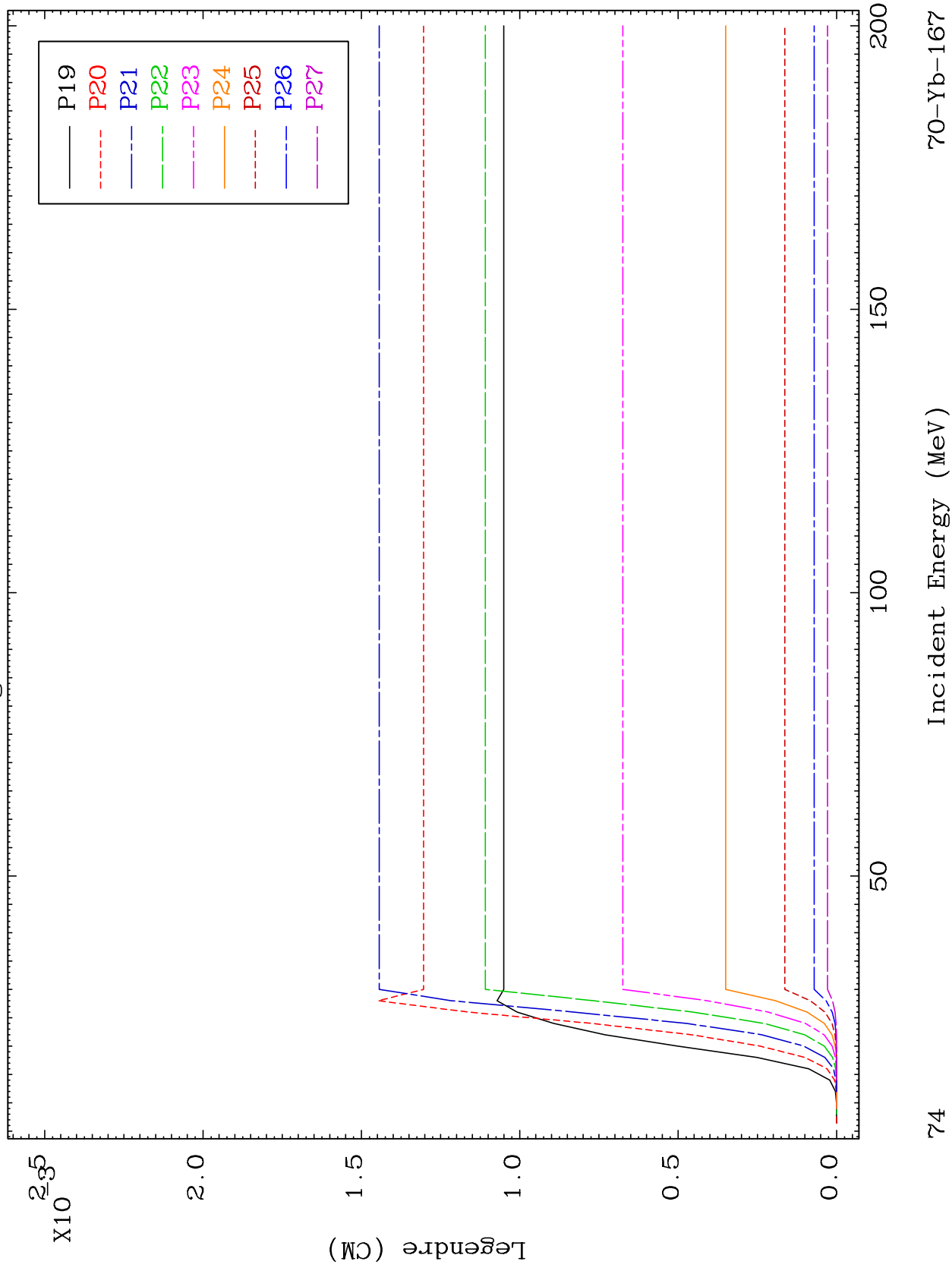


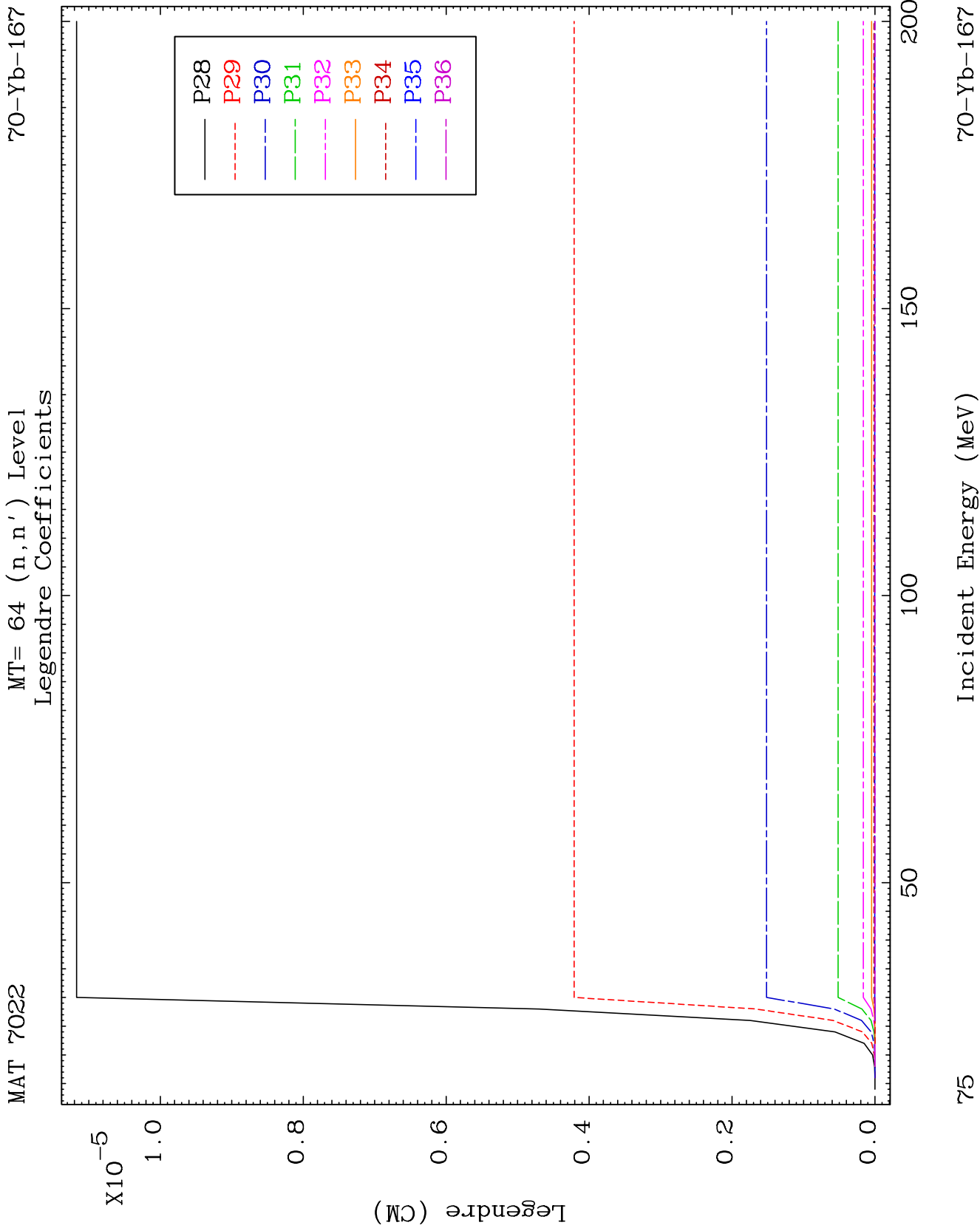


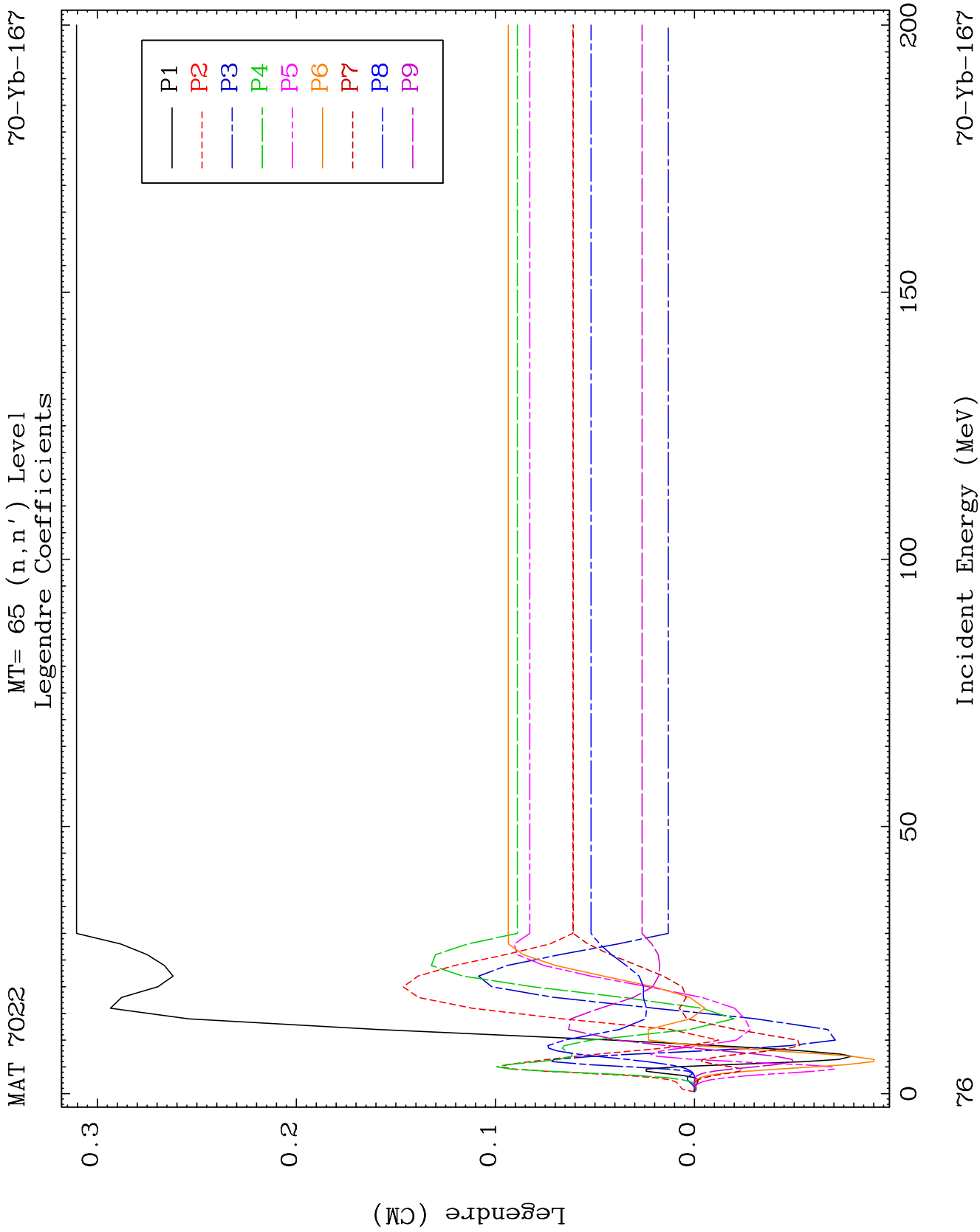
MAT 7022

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

70-Yb-167



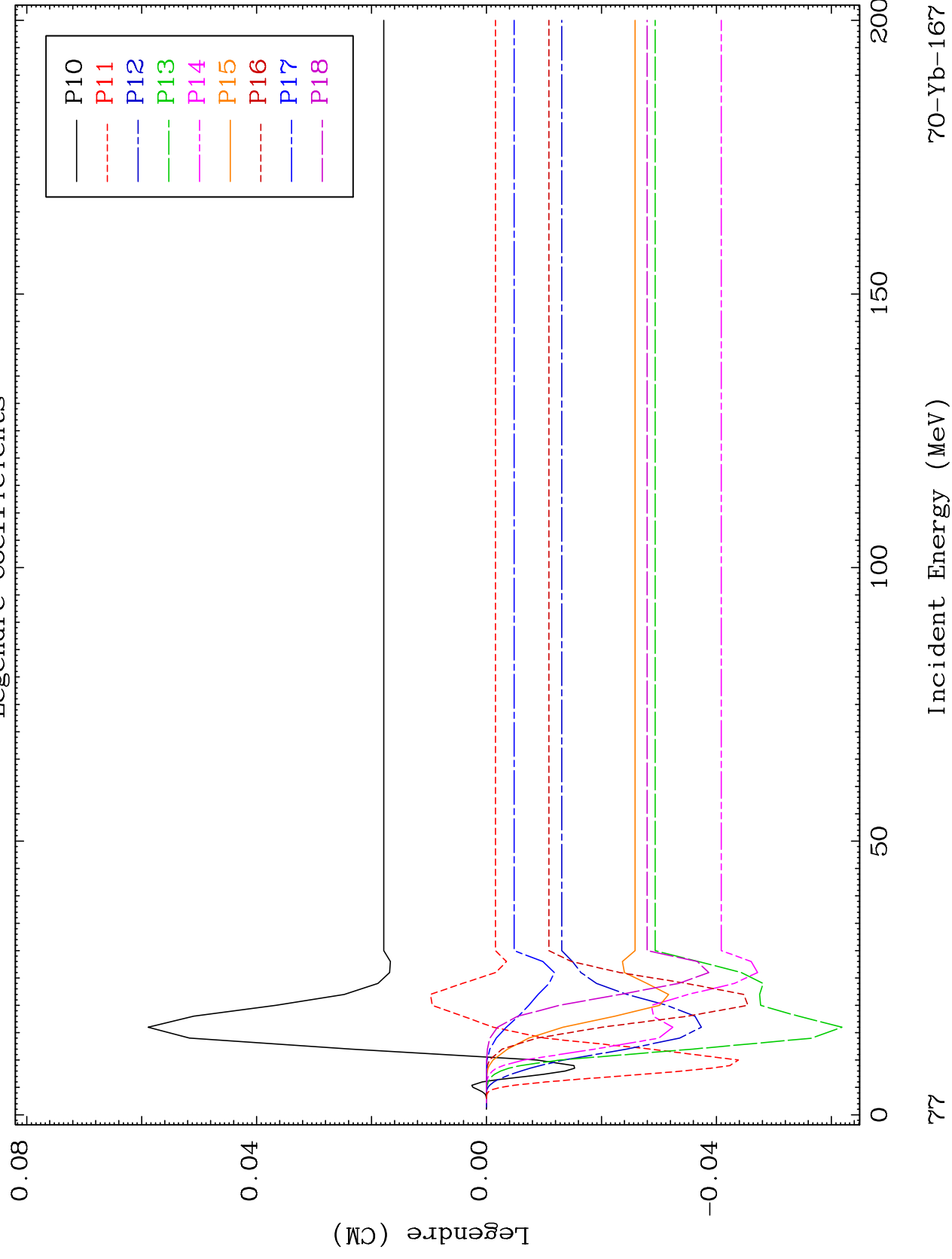


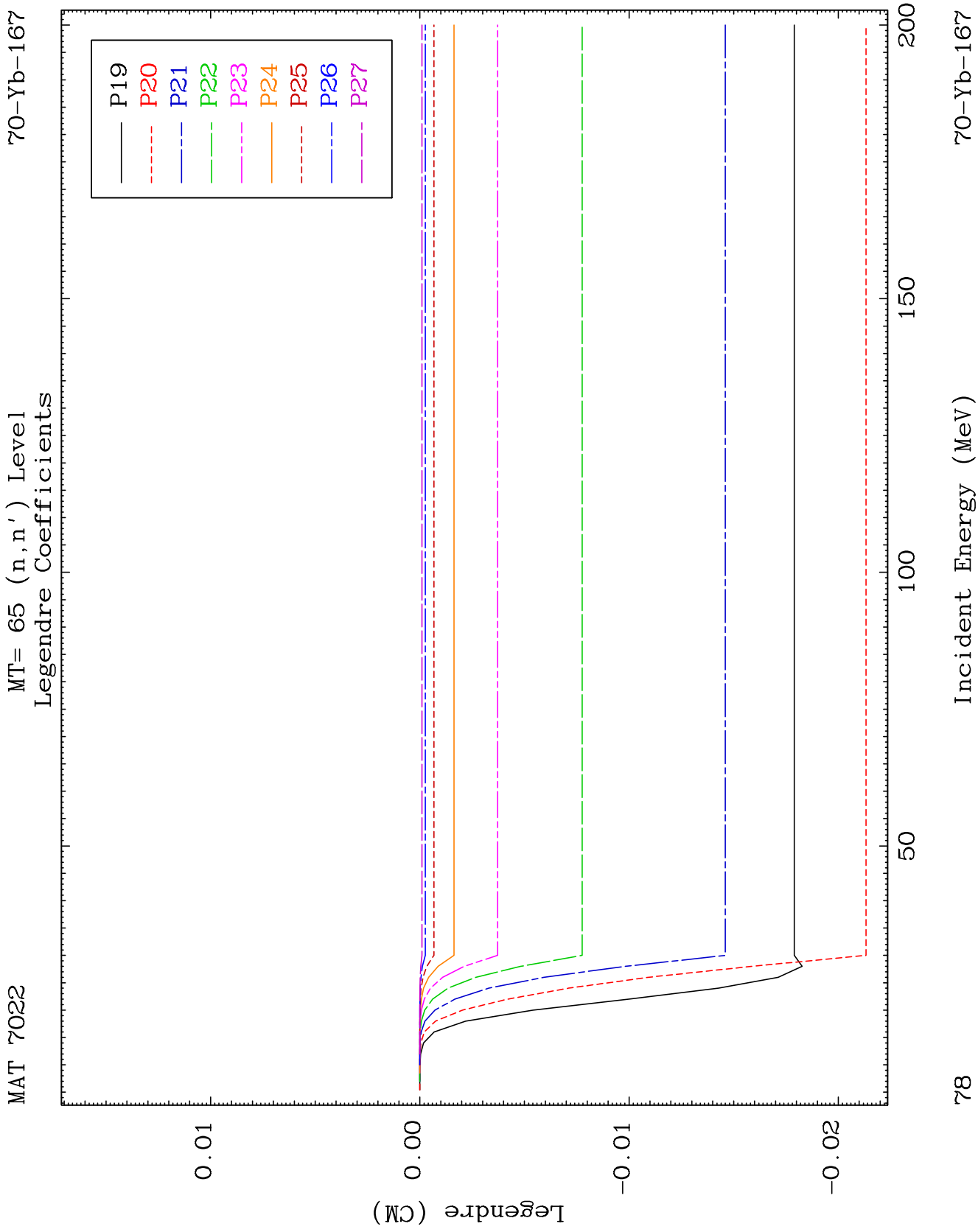


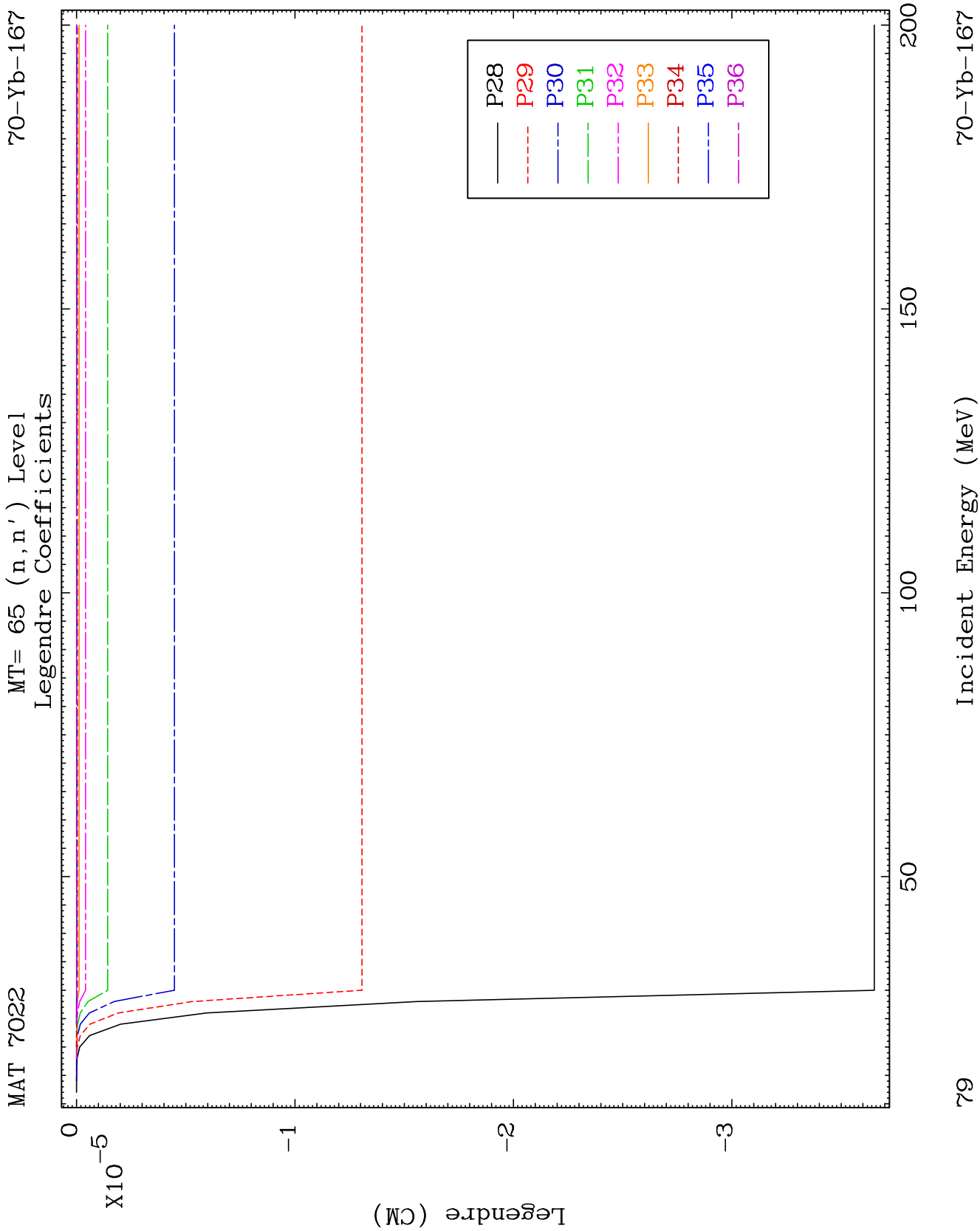
MAT 7022

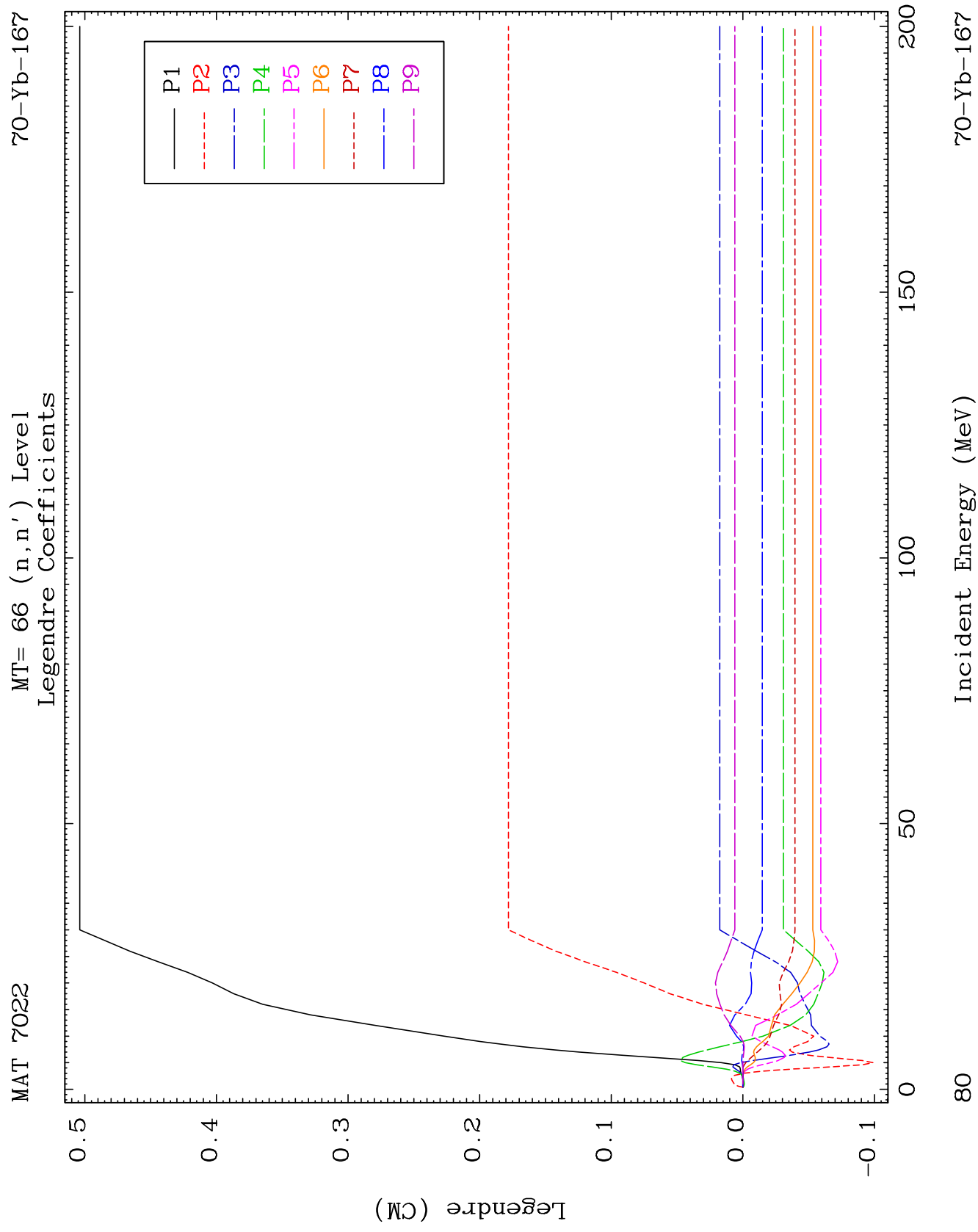
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Legendre Coefficients

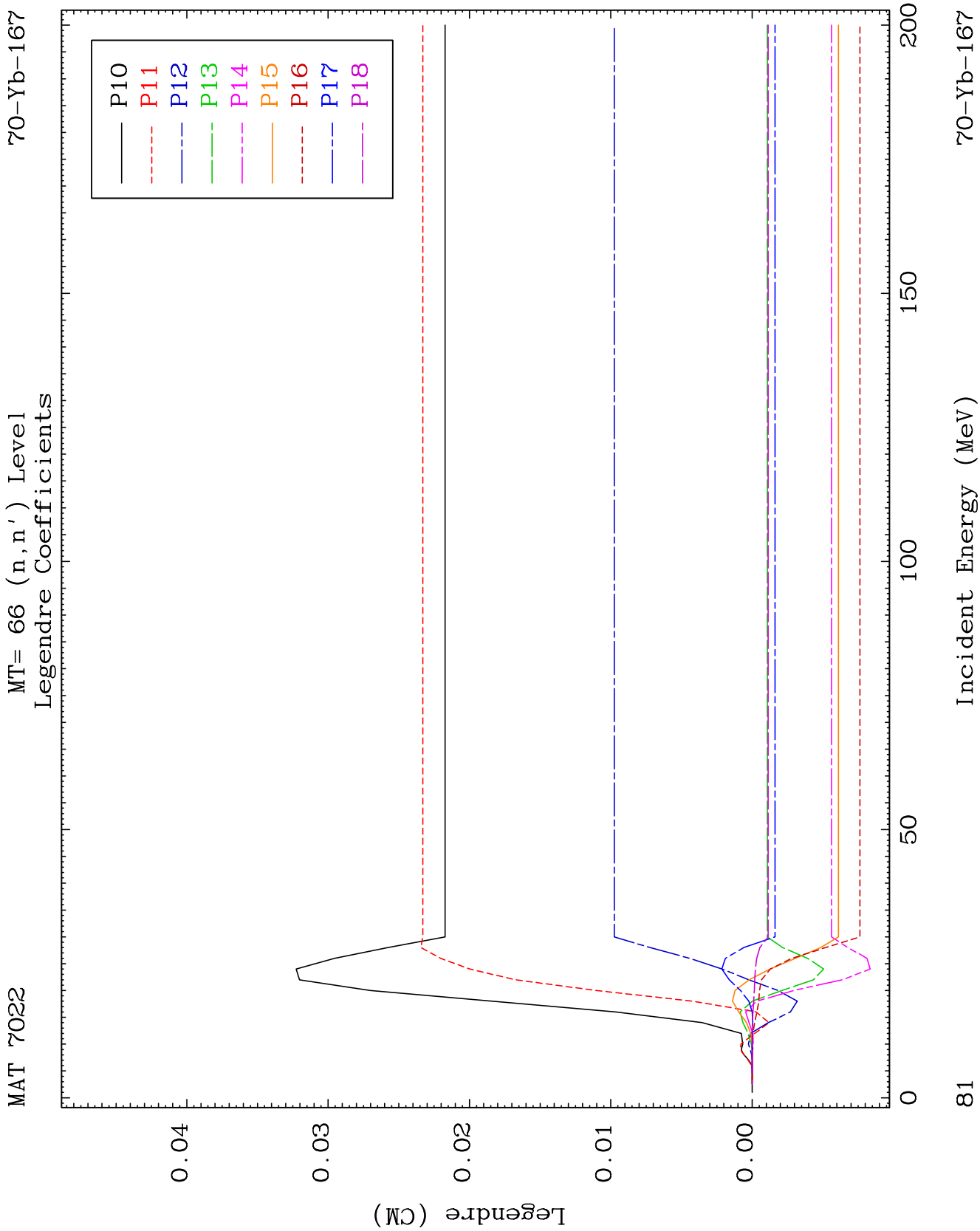
70-Yb-167

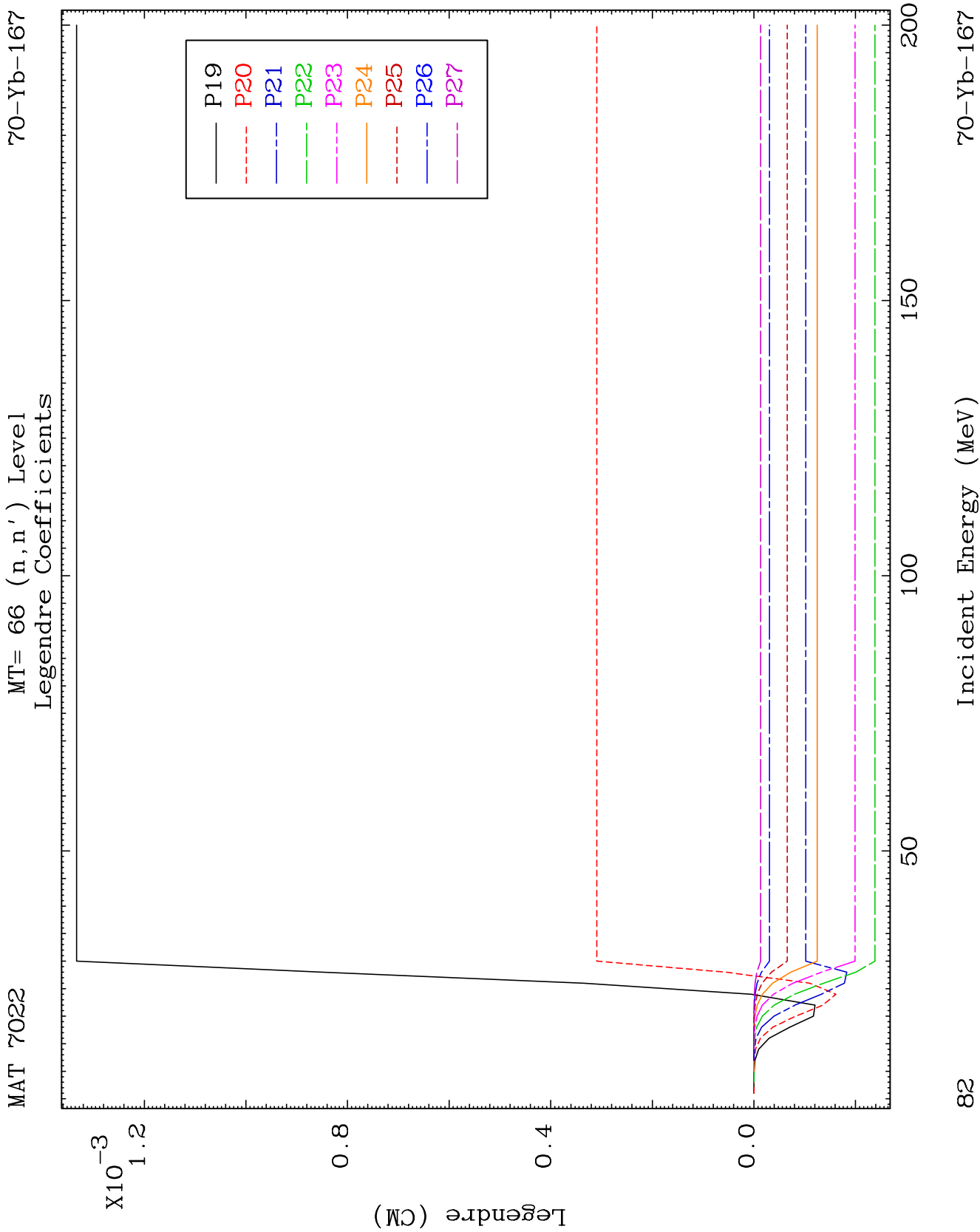


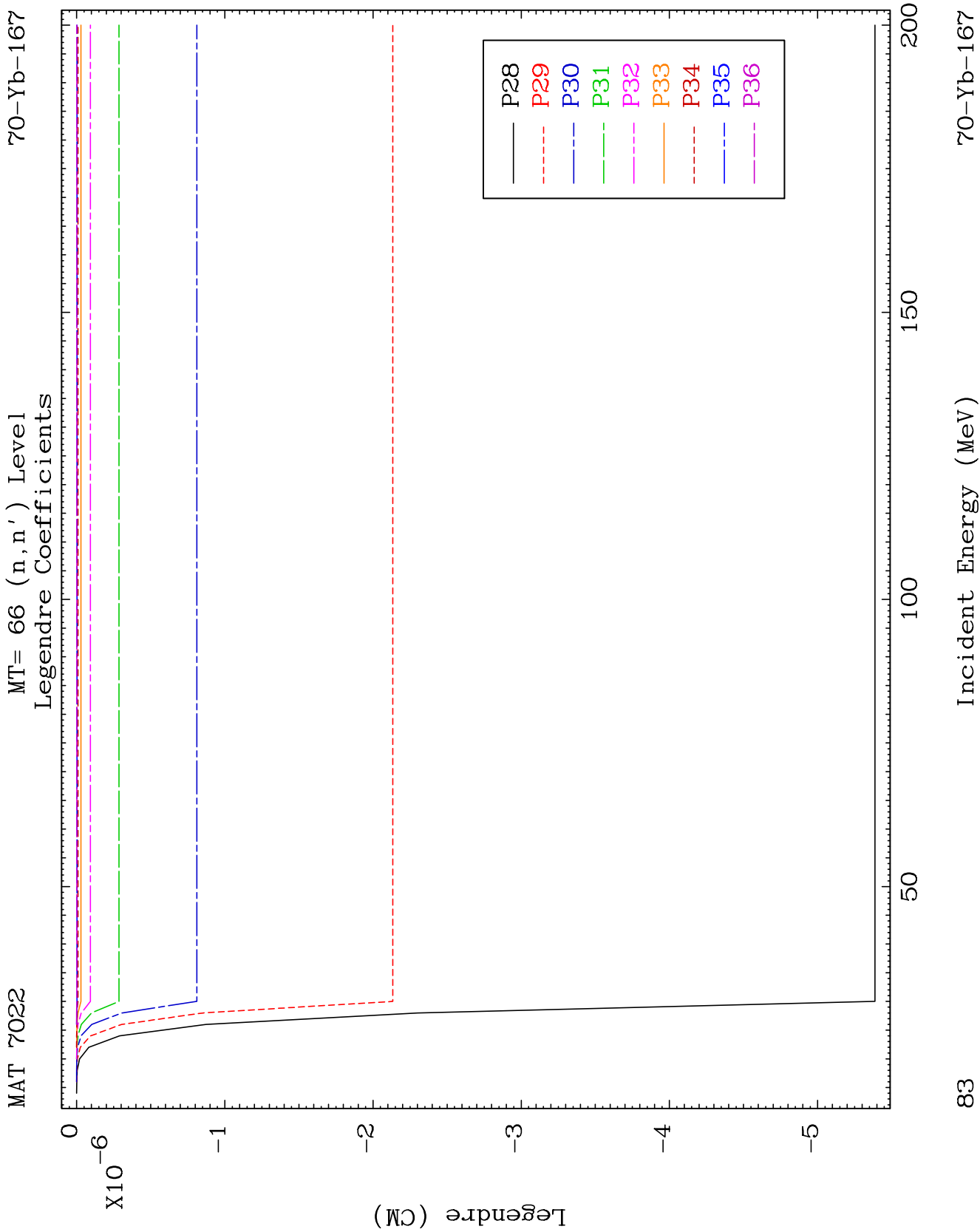


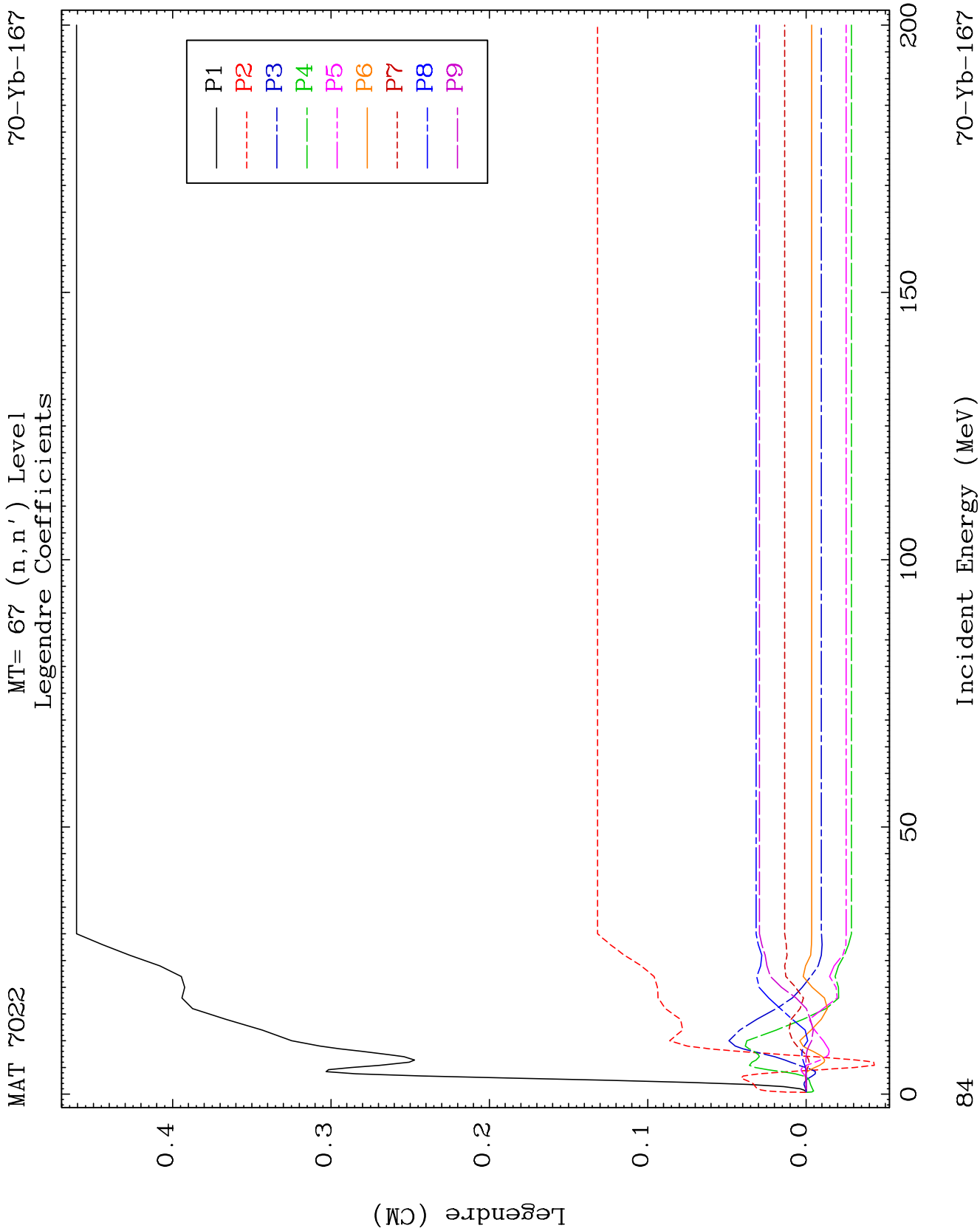


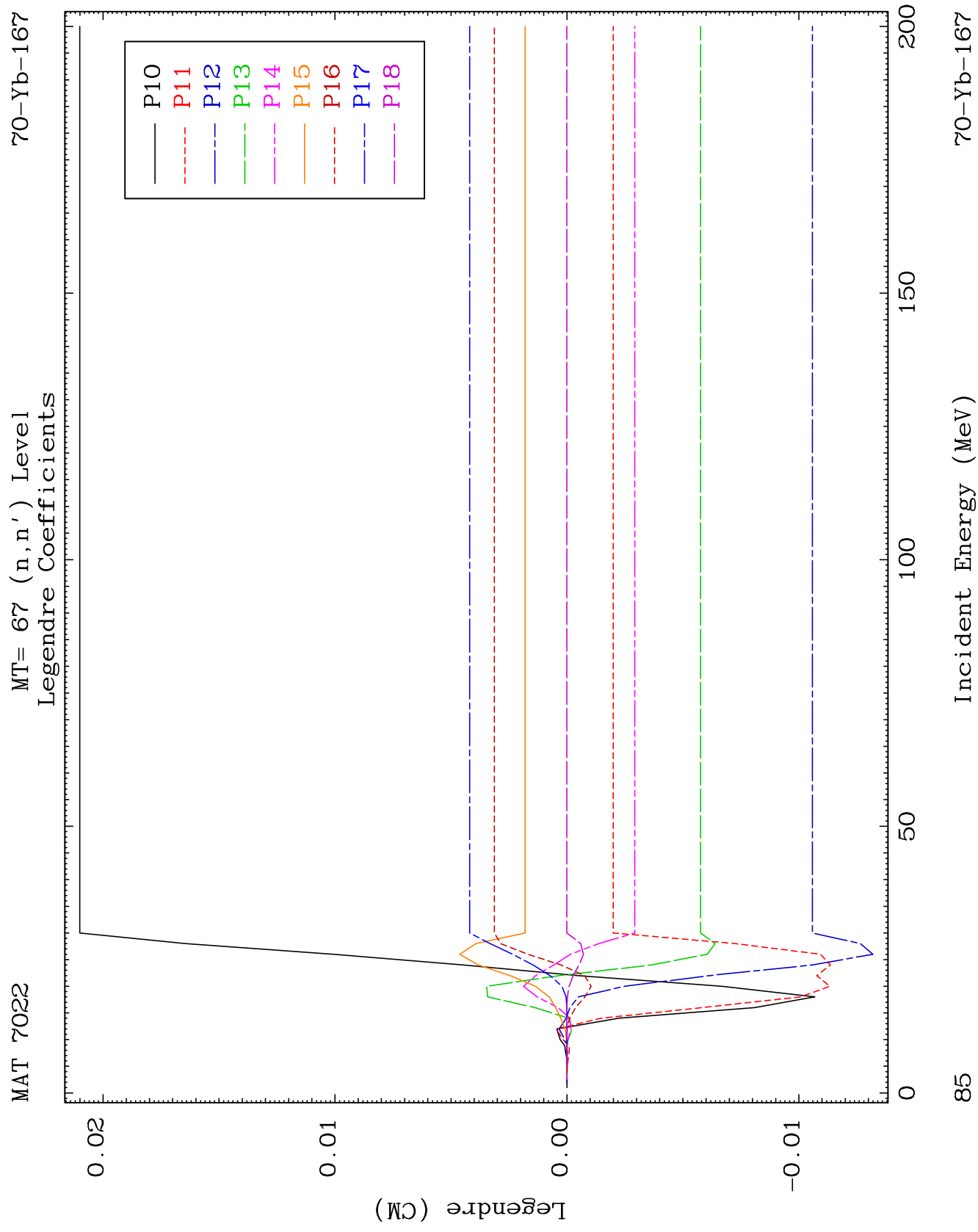


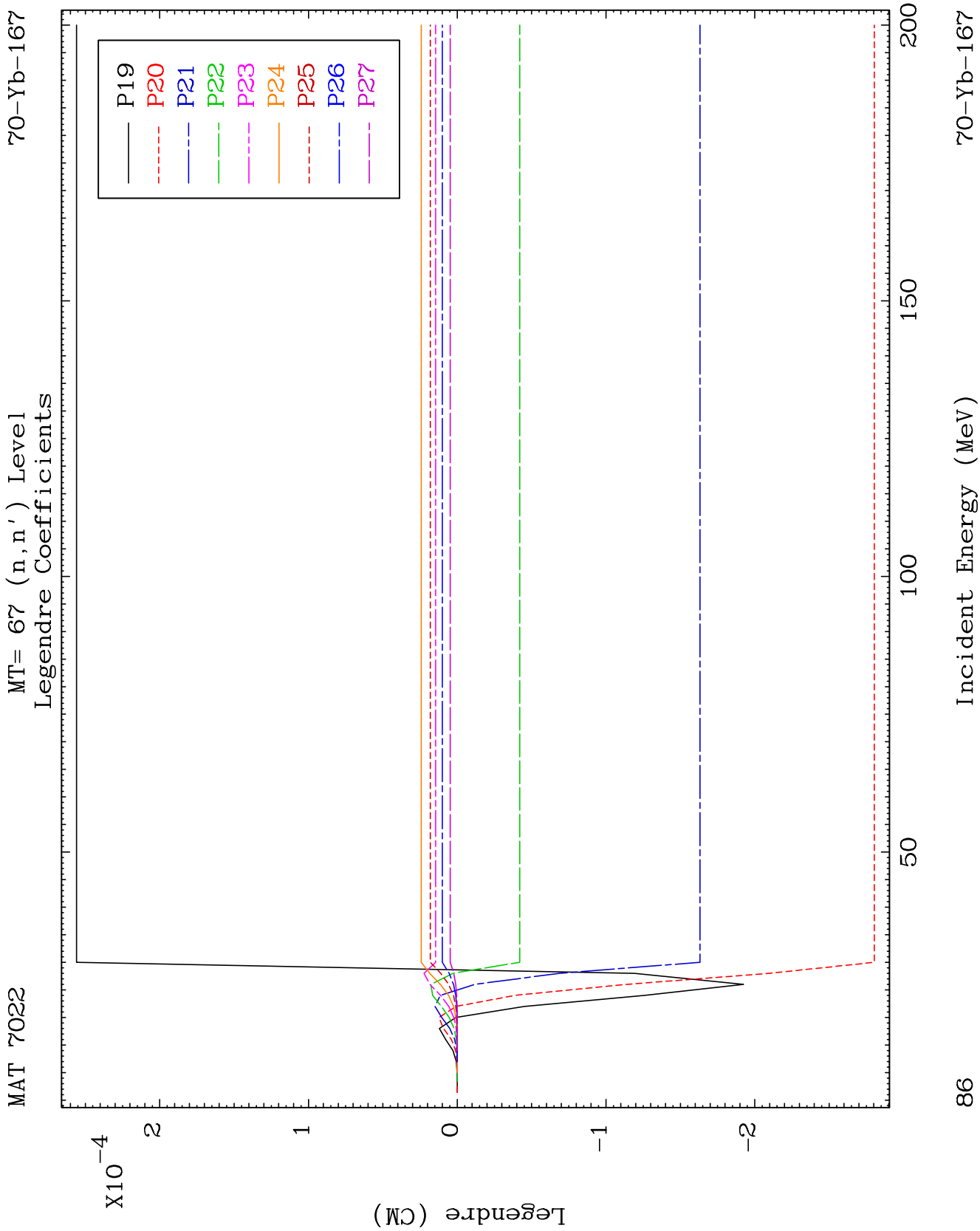


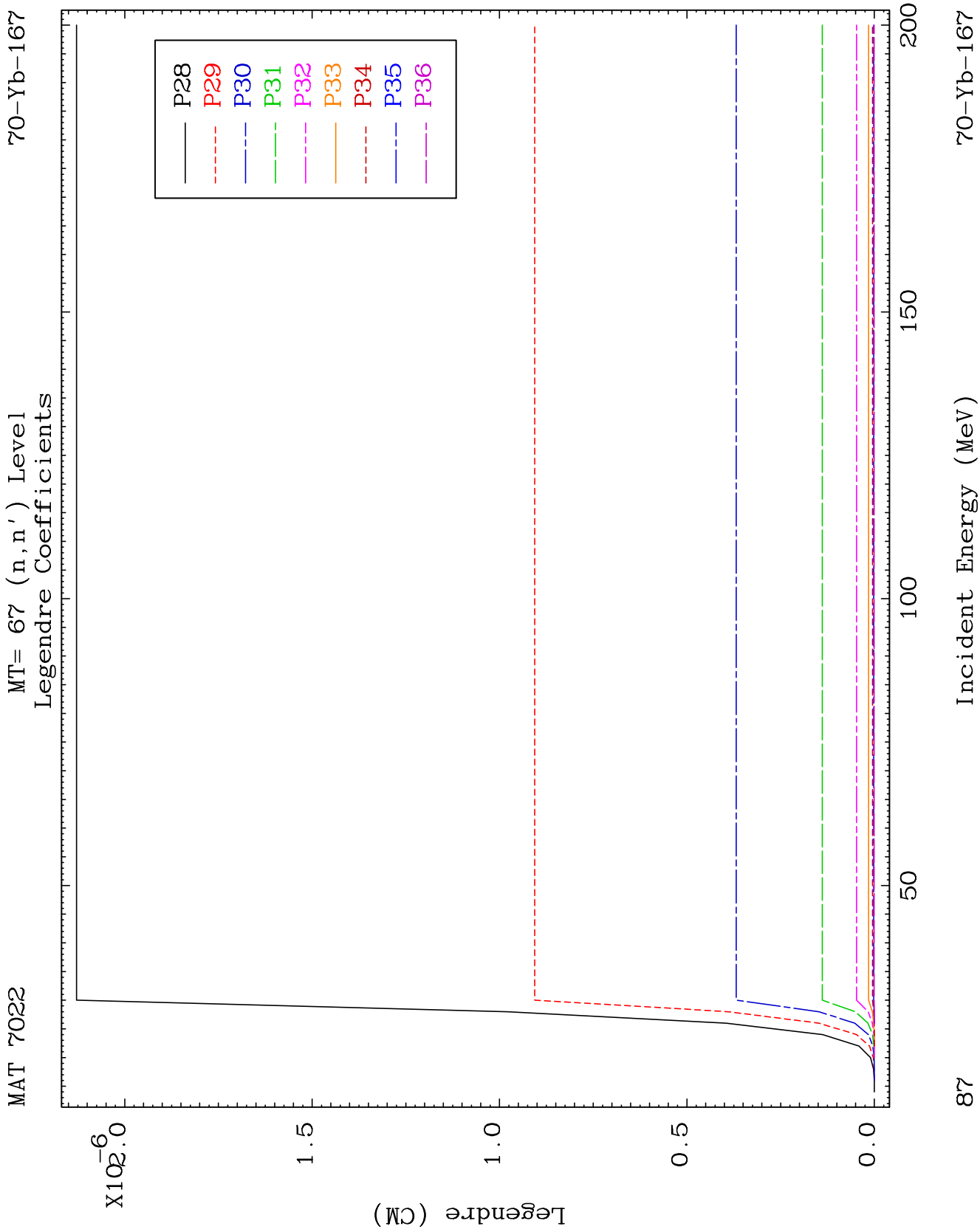


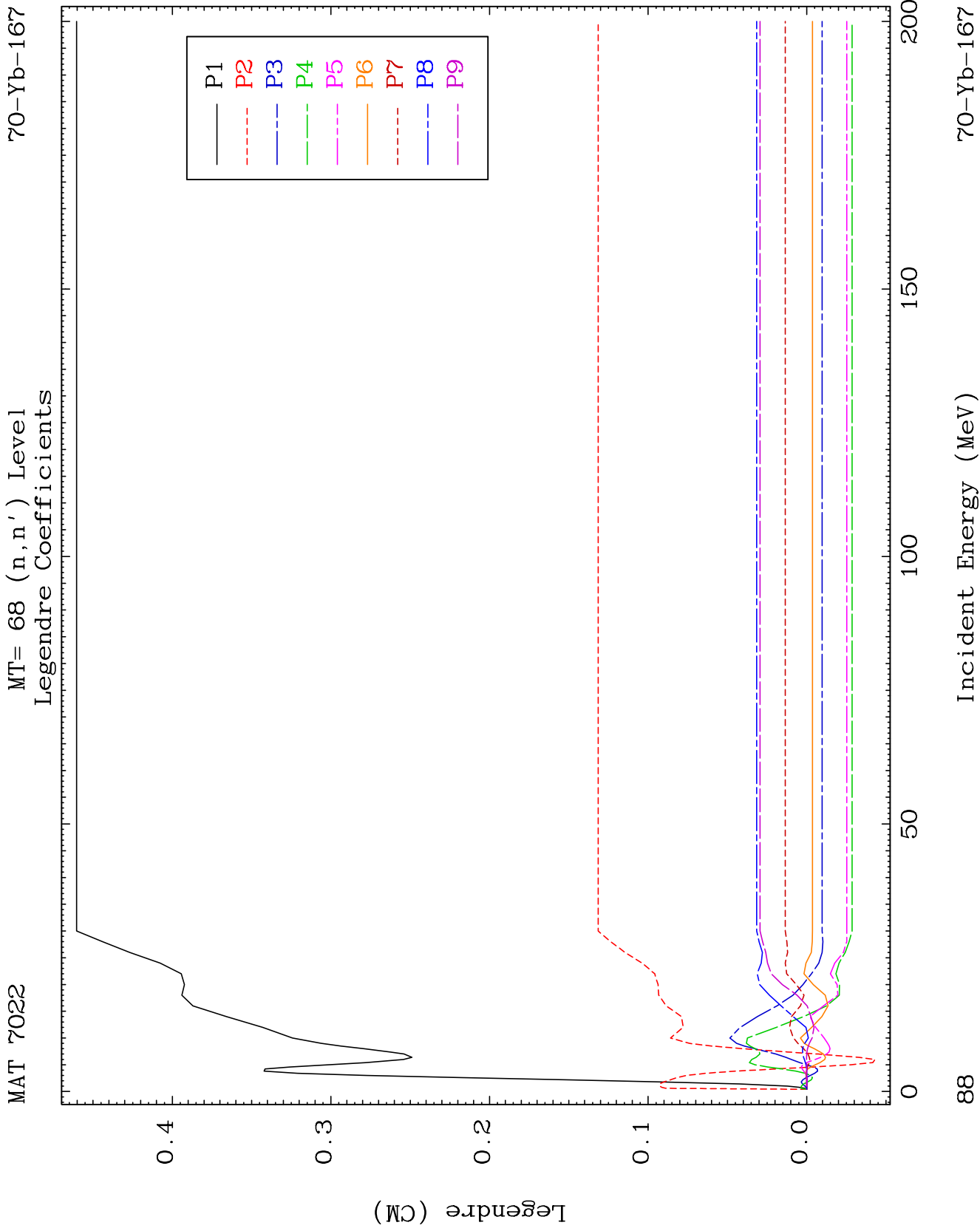


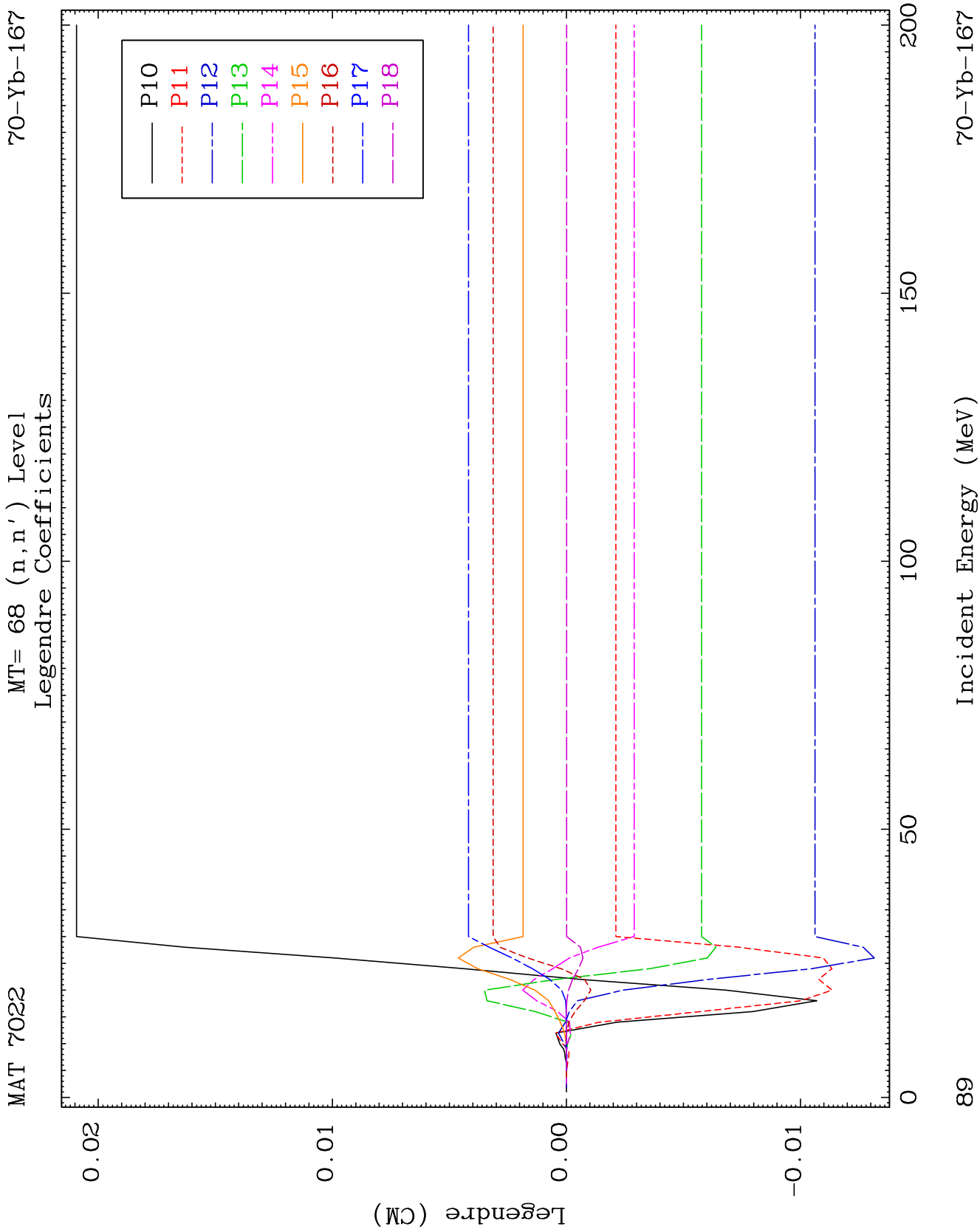








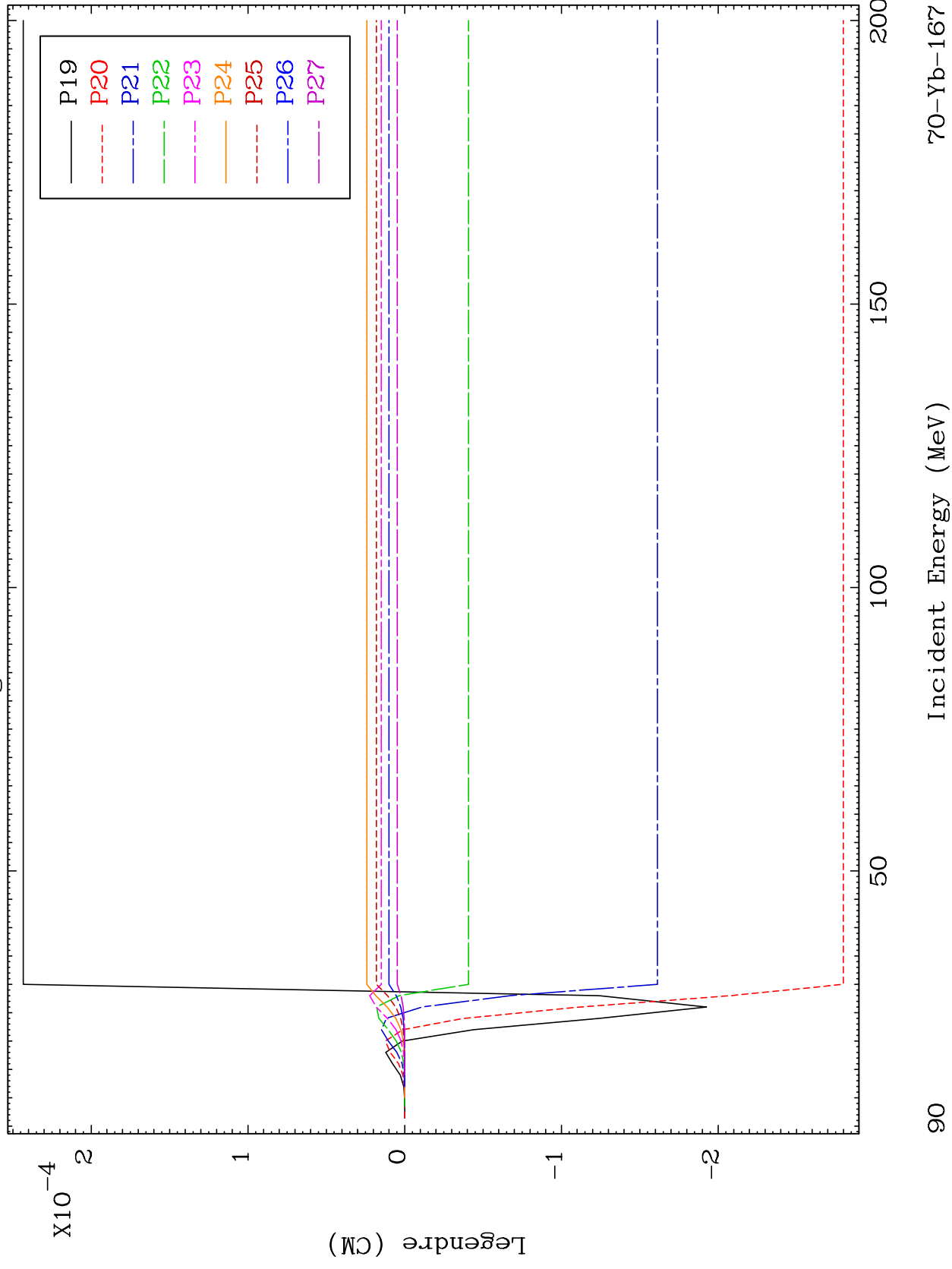


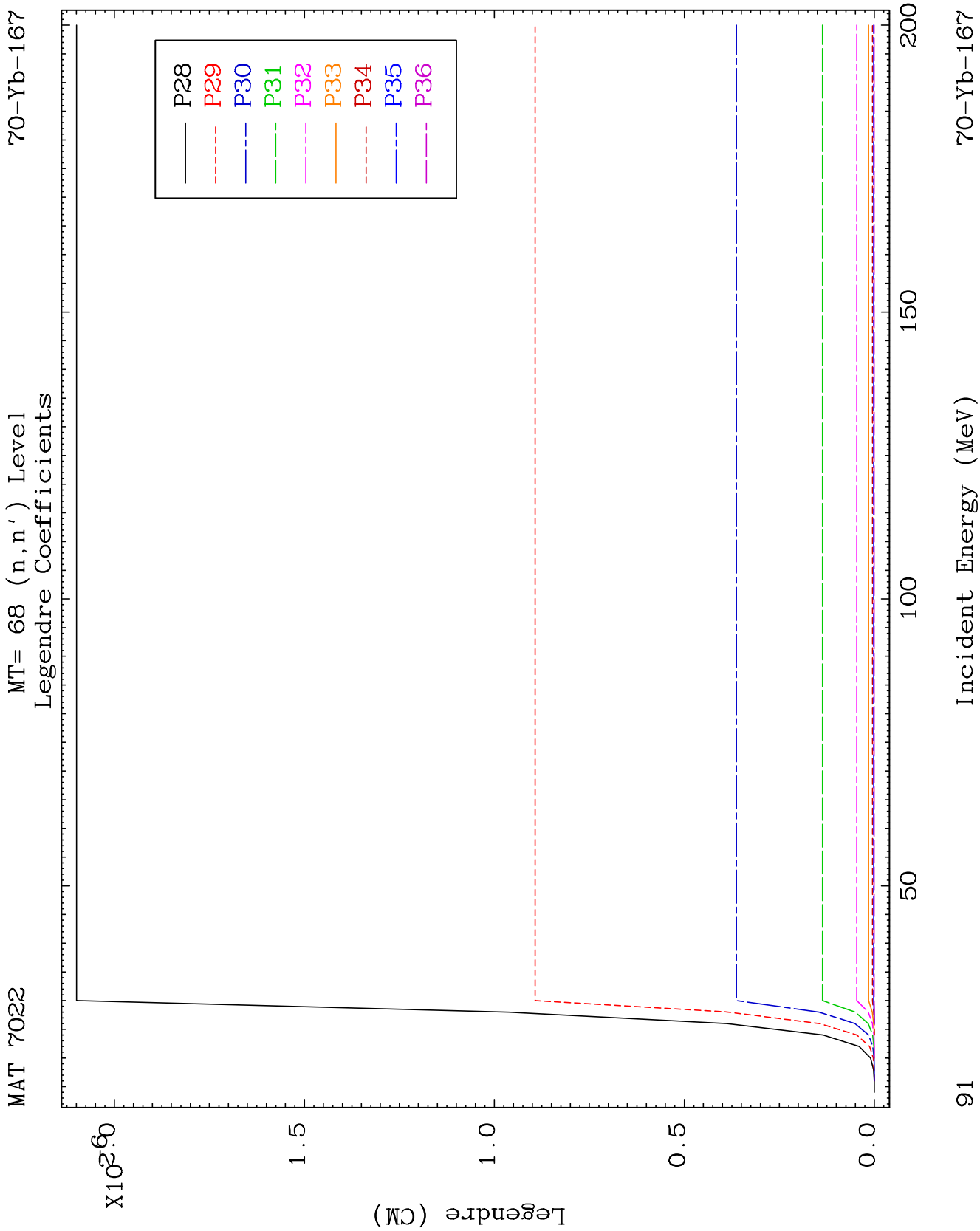


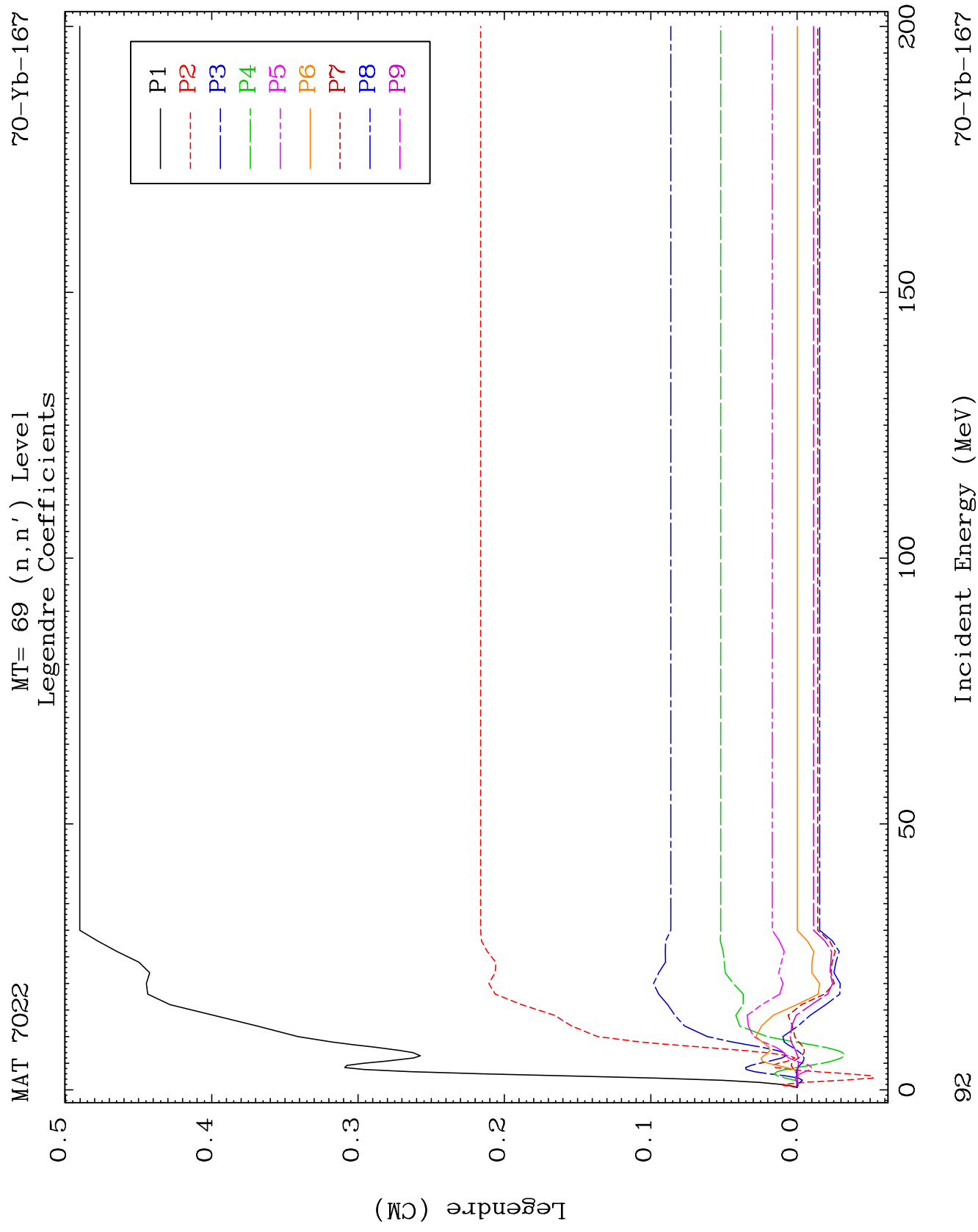
MAT 7022

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

70-Yb-167



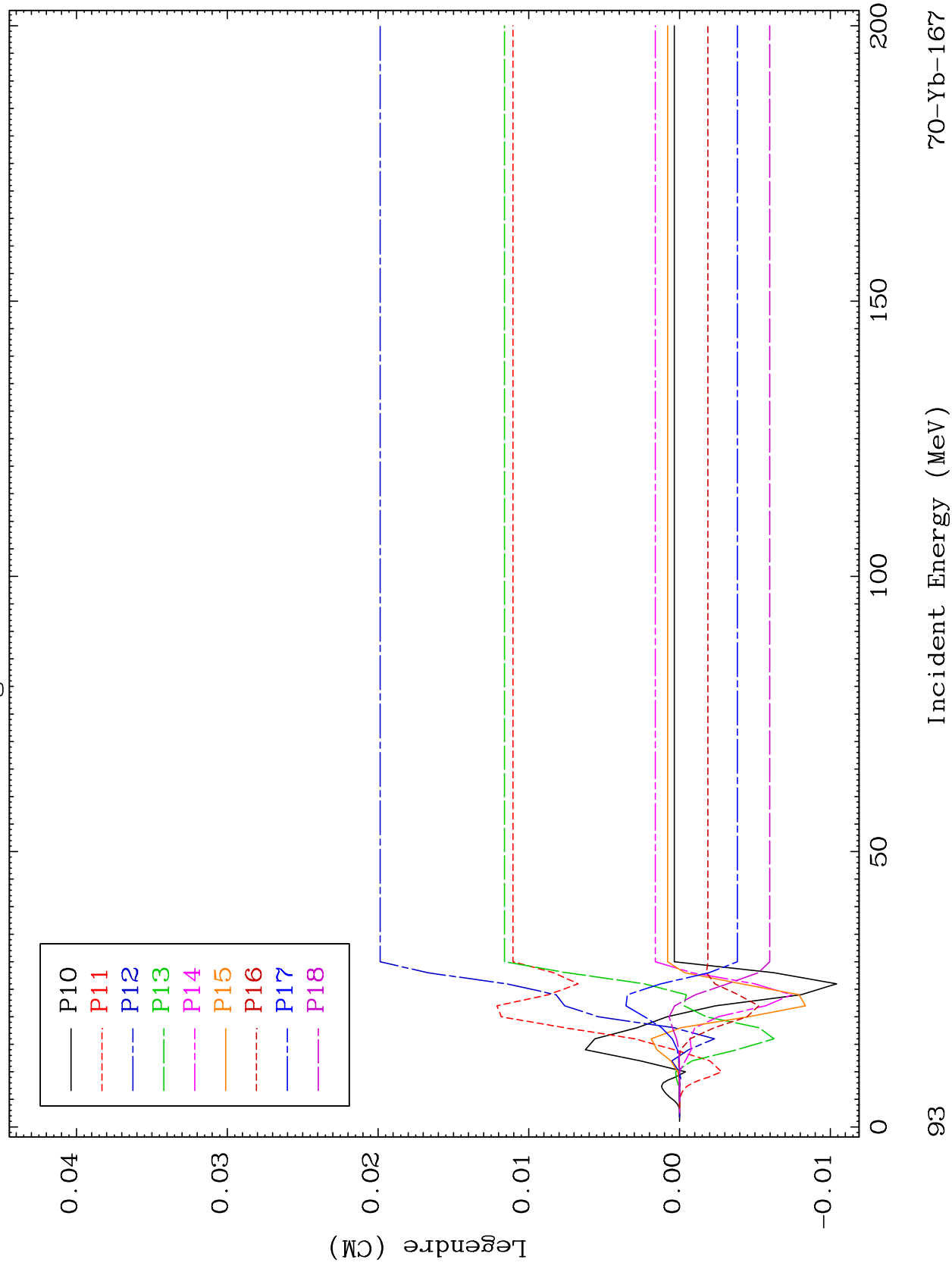




MAT 7022

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

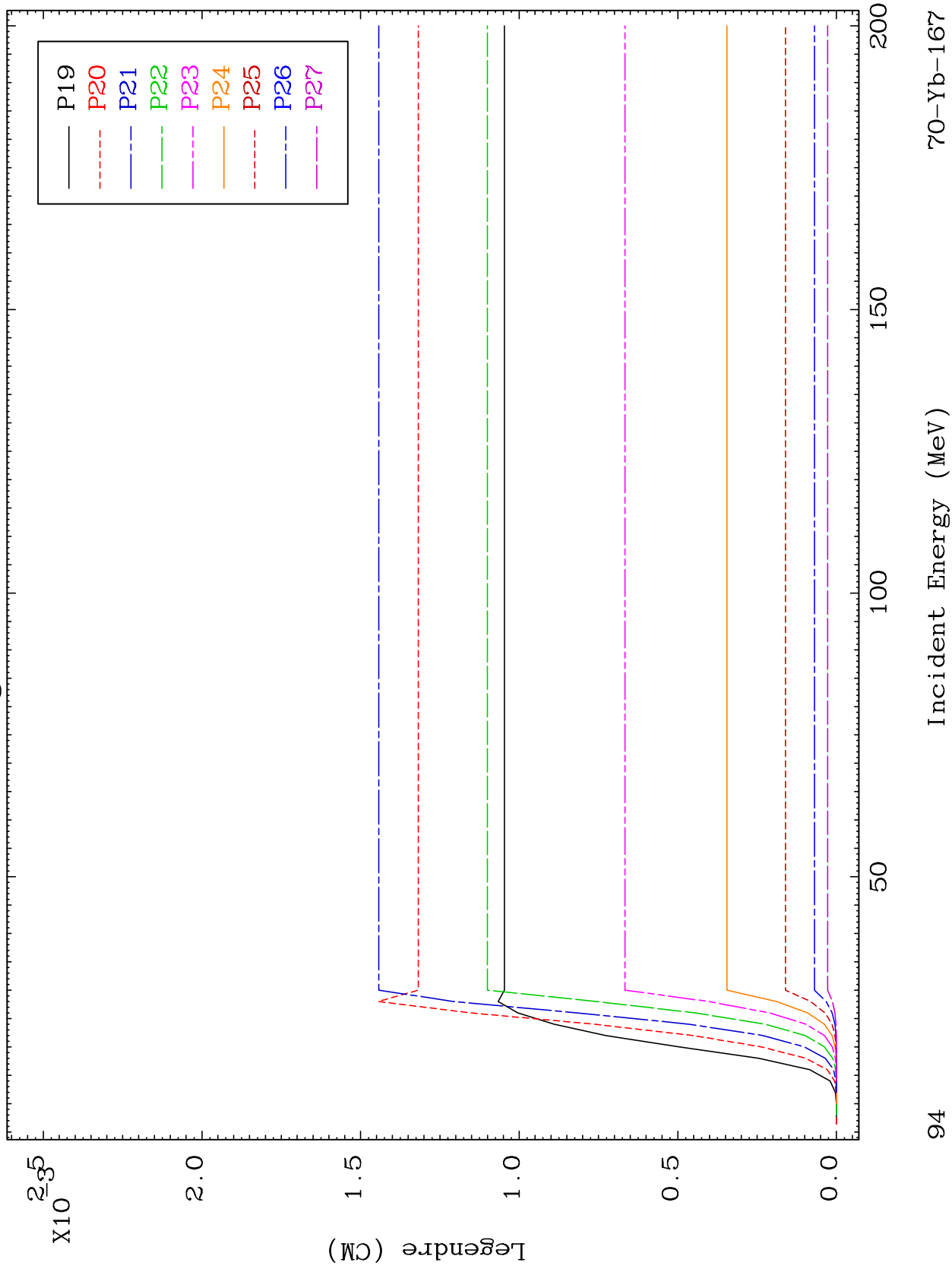
70-Yb-167

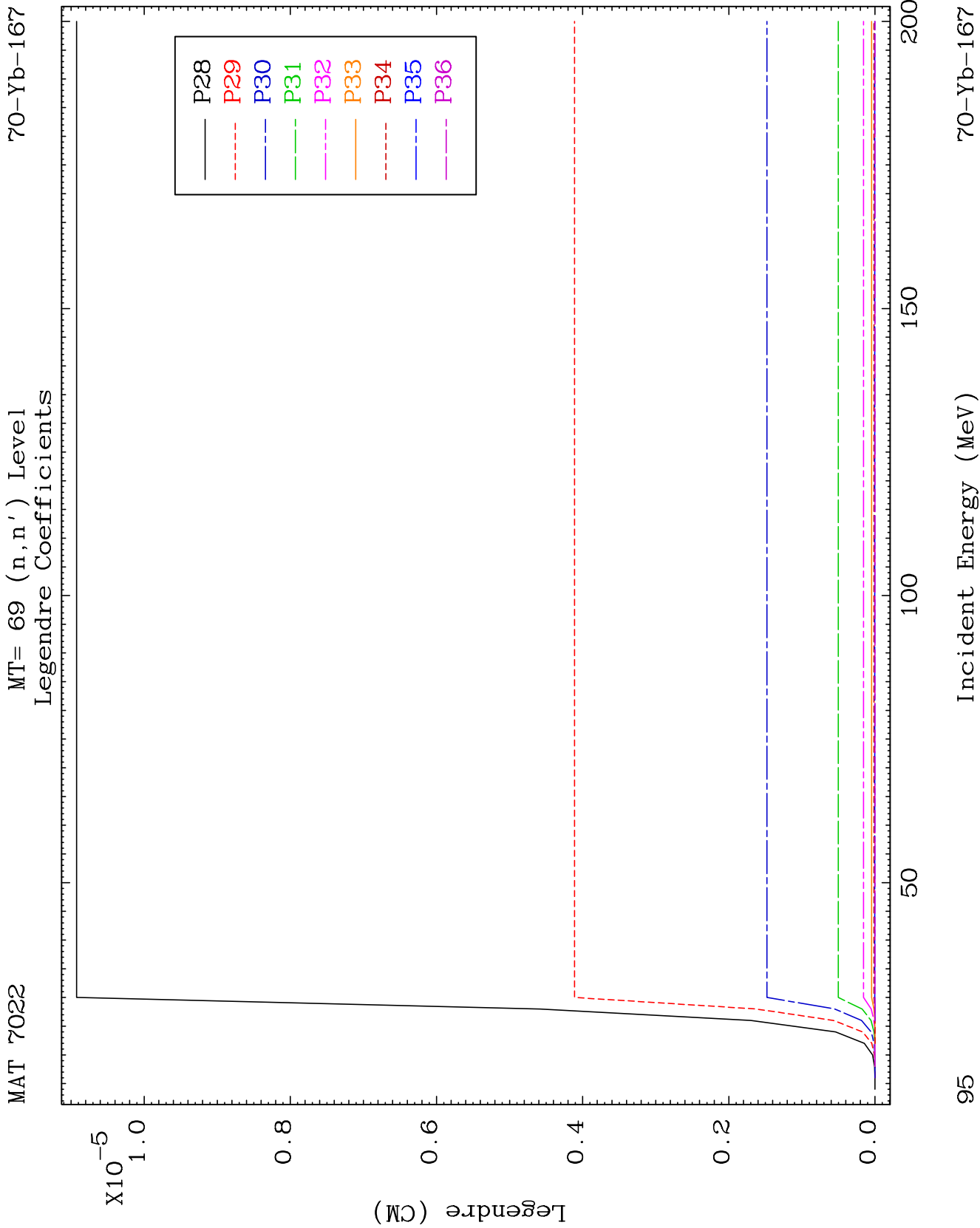


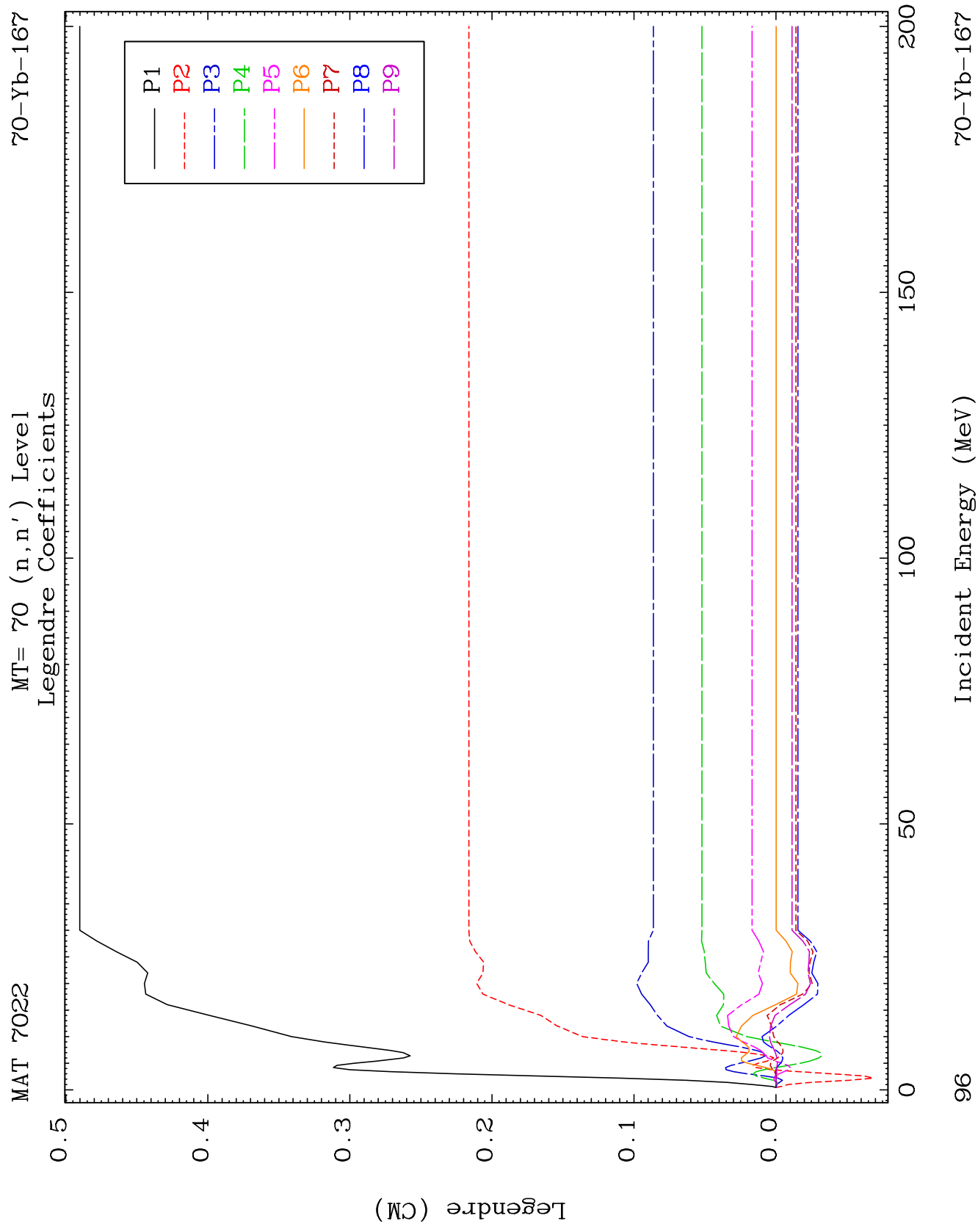
MAT 7022

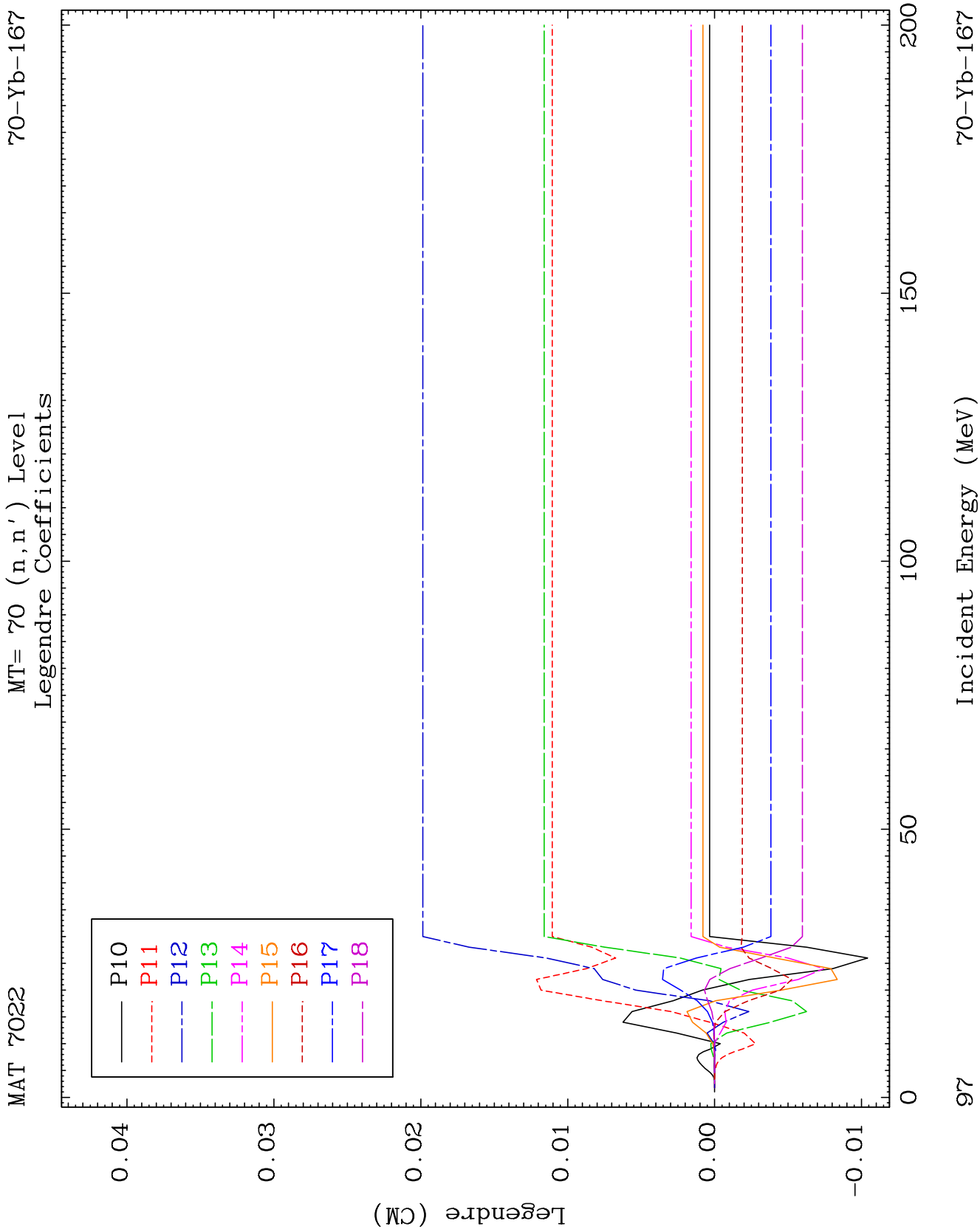
MT= 69 (n, n') Level  
Legendre Coefficients

70-Yb-167





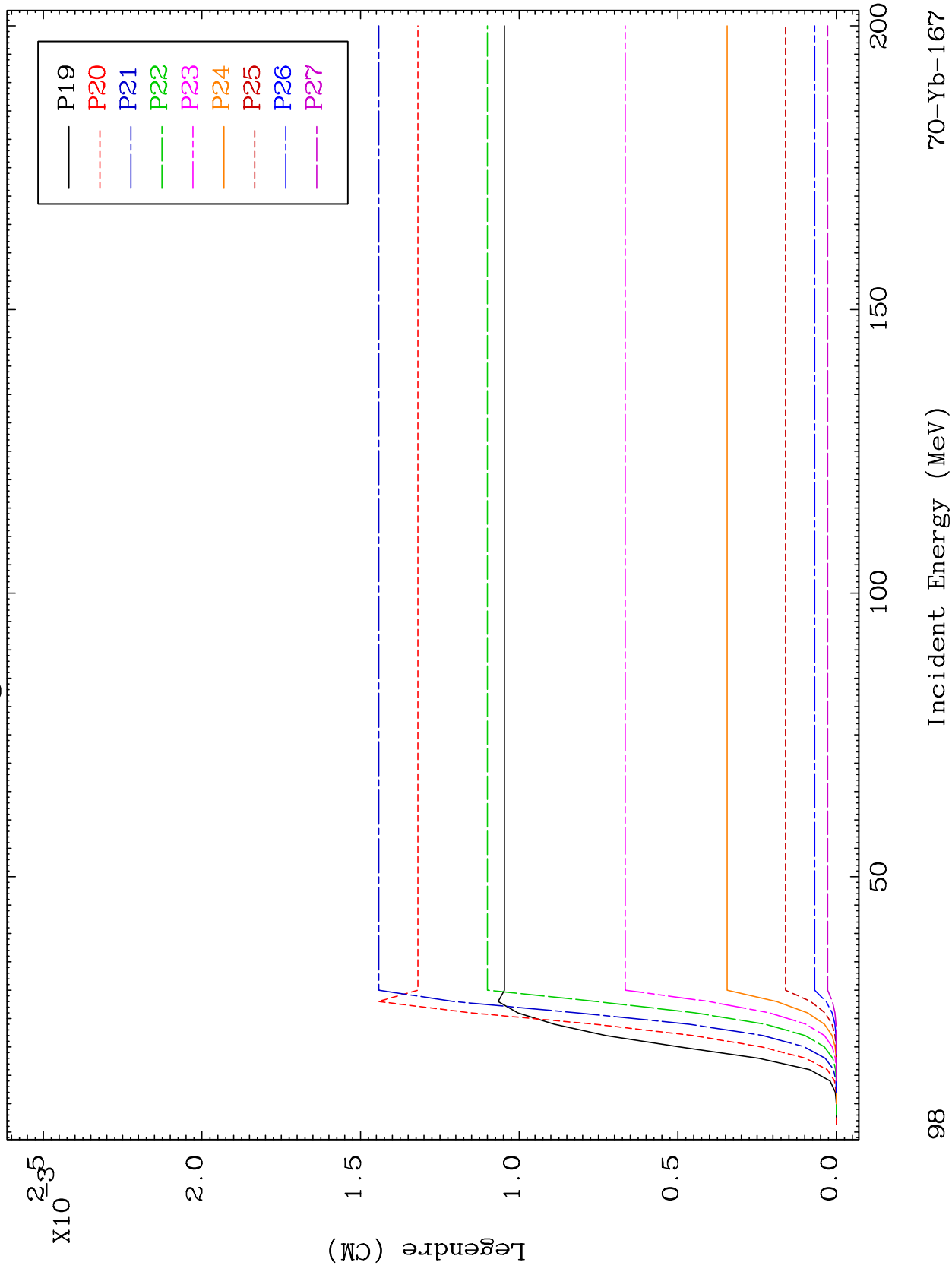


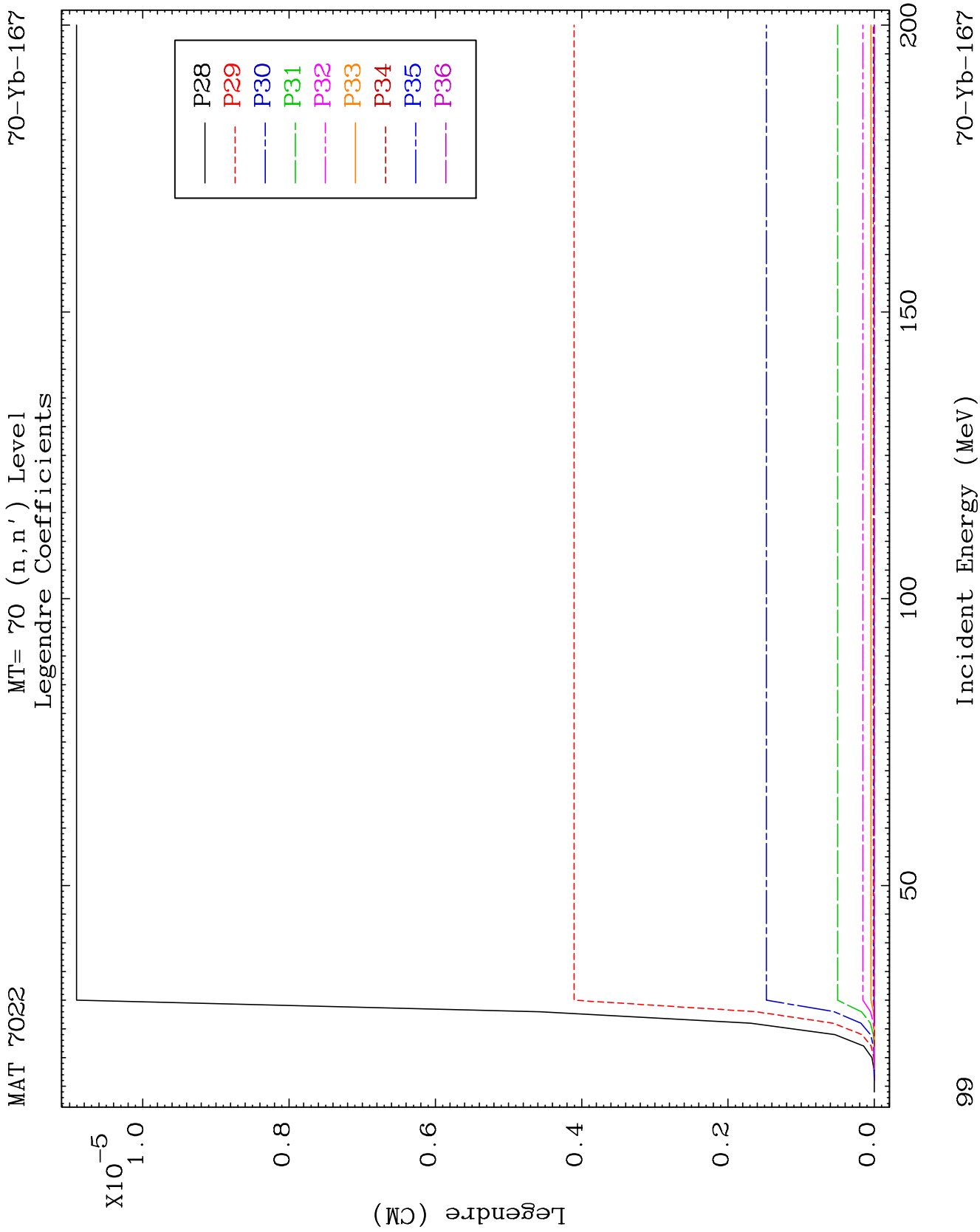


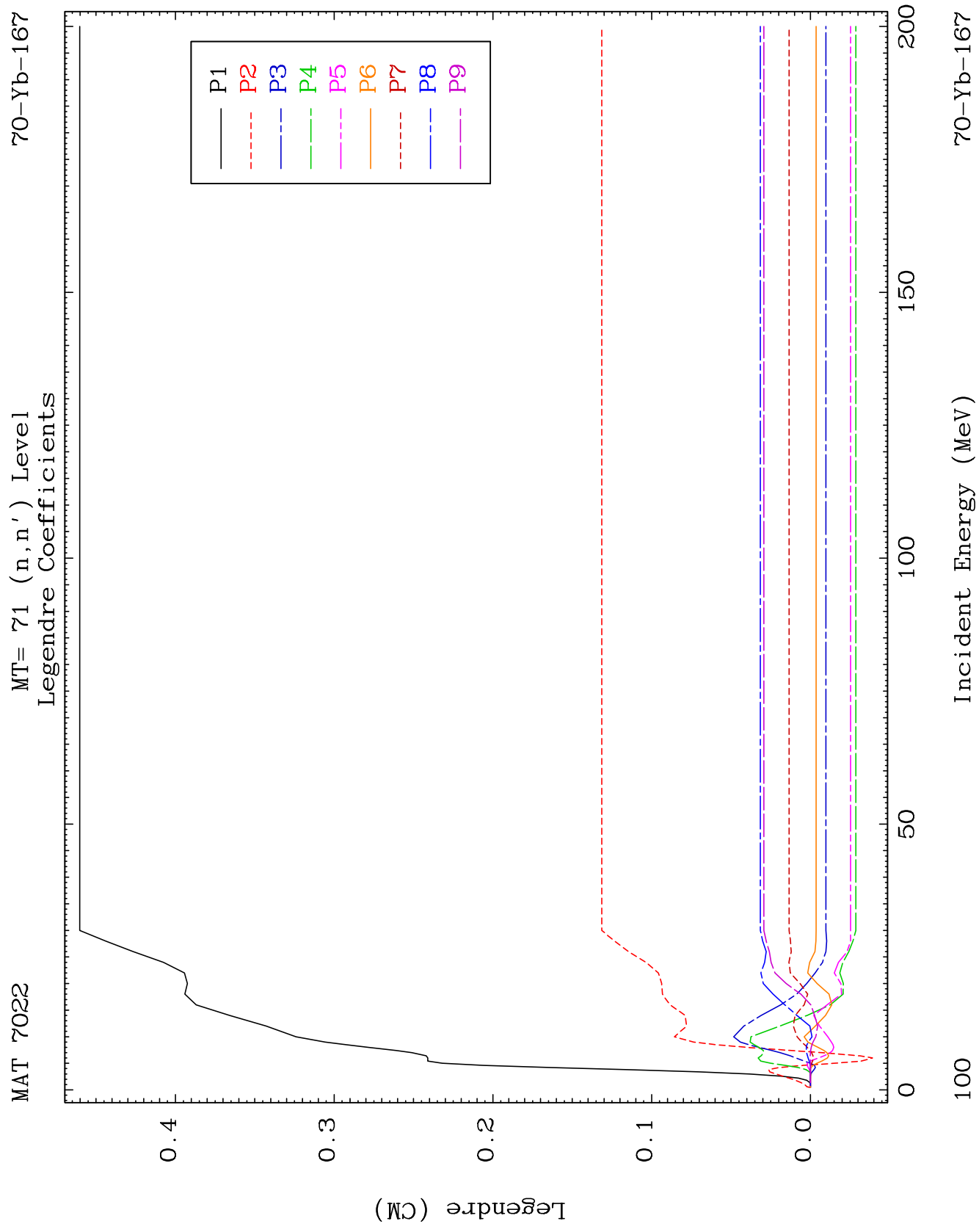
MAT 7022

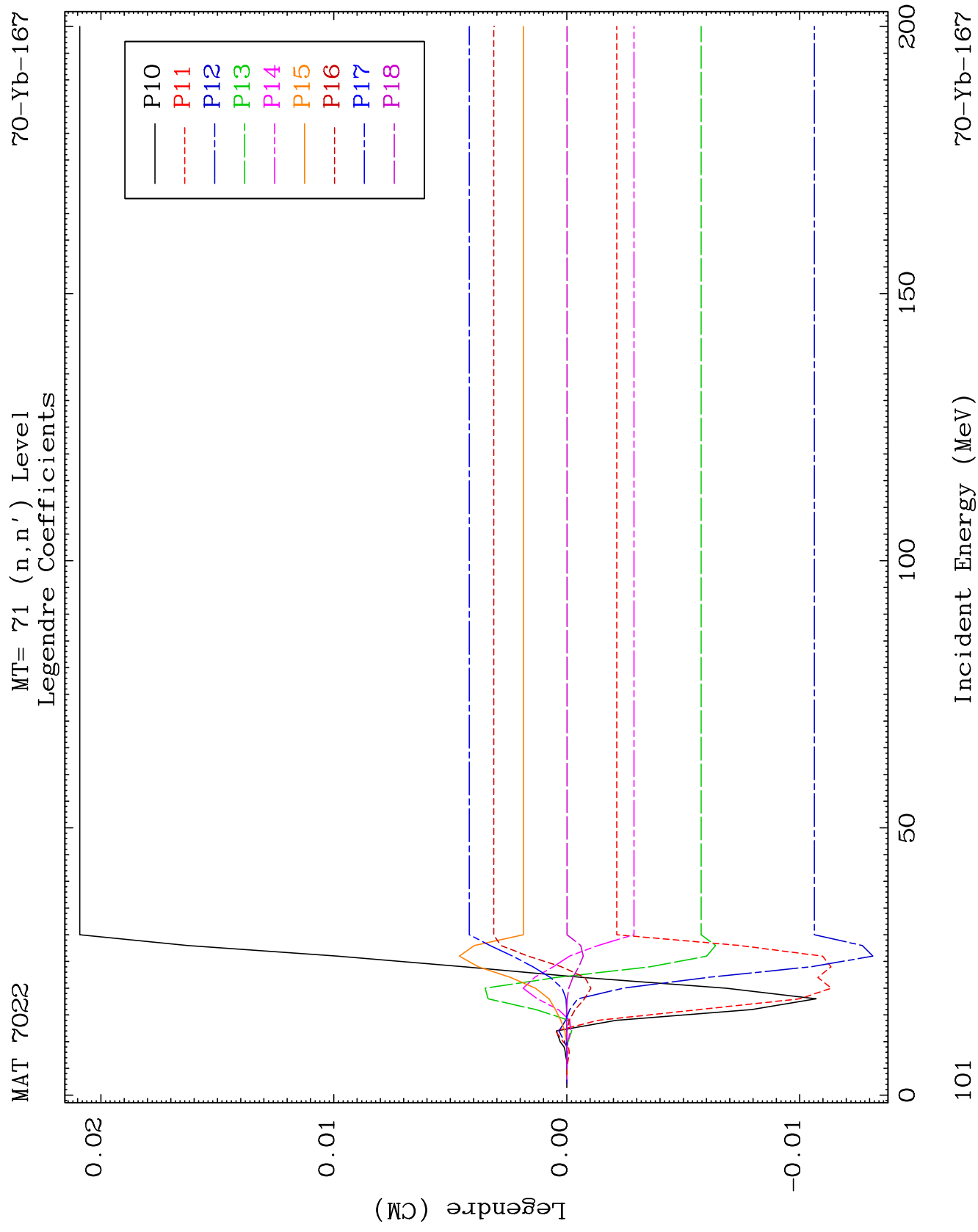
MT= 70 (n, n') Level  
Legendre Coefficients

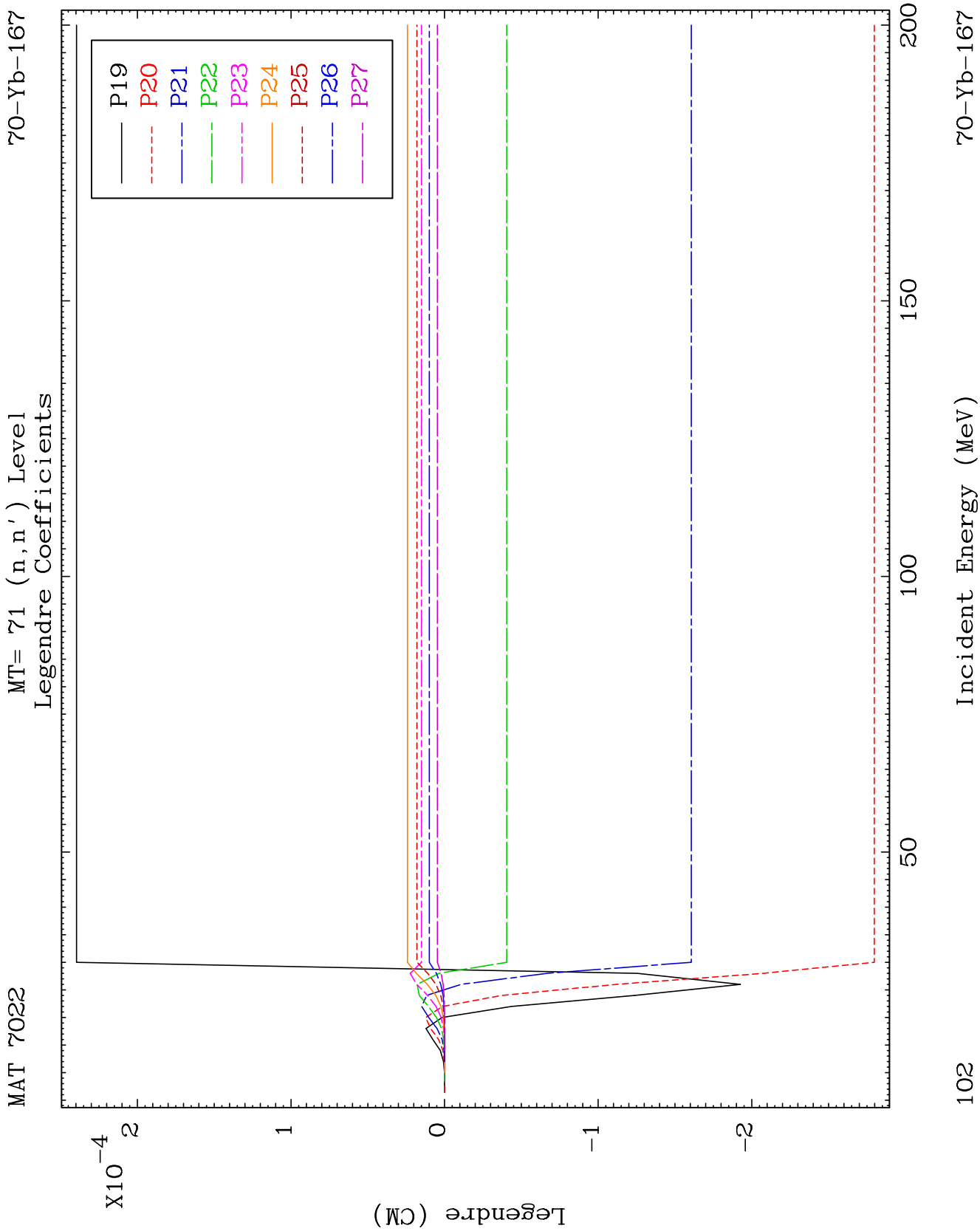
70-Yb-167







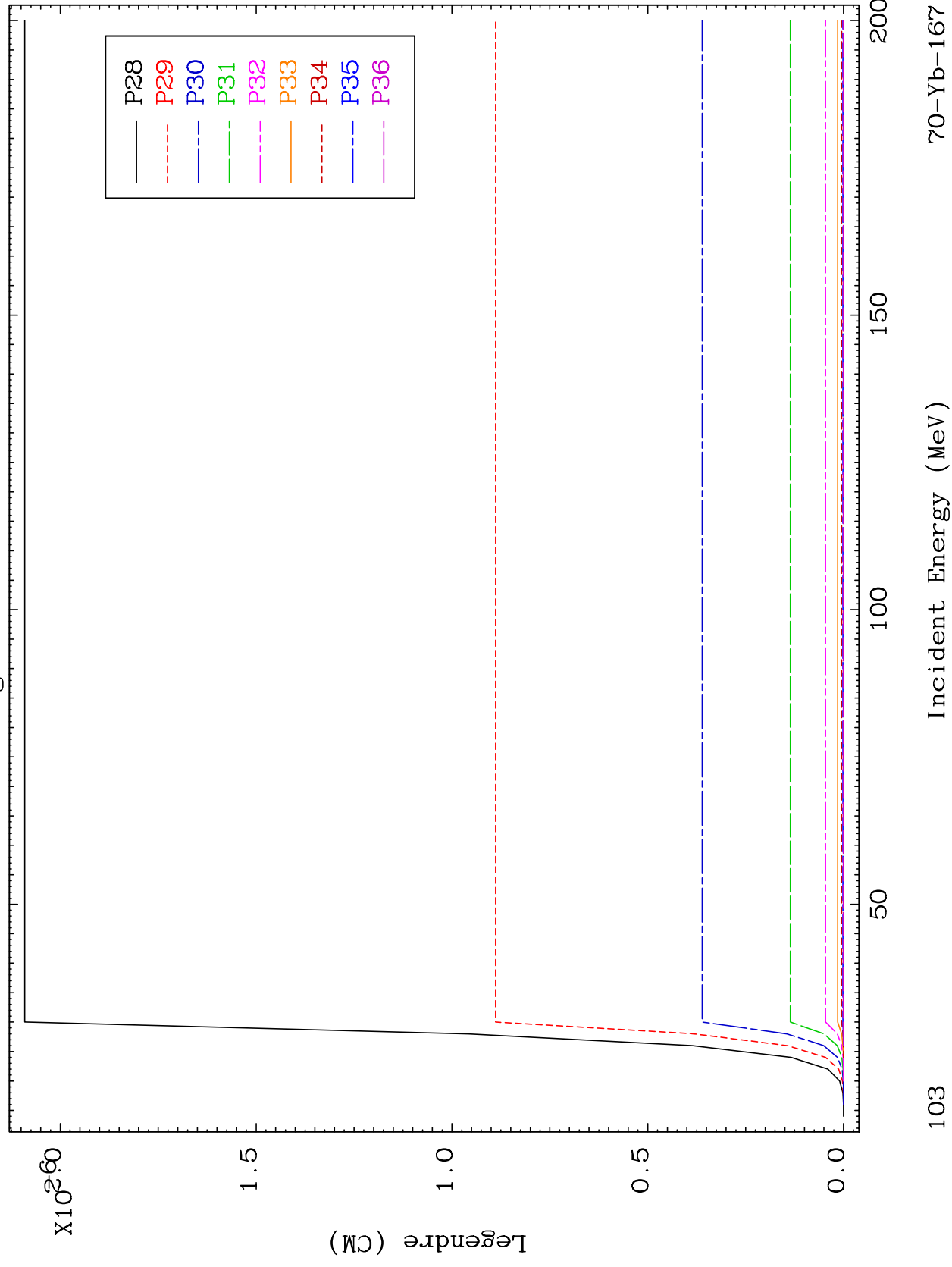




MAT 7022

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

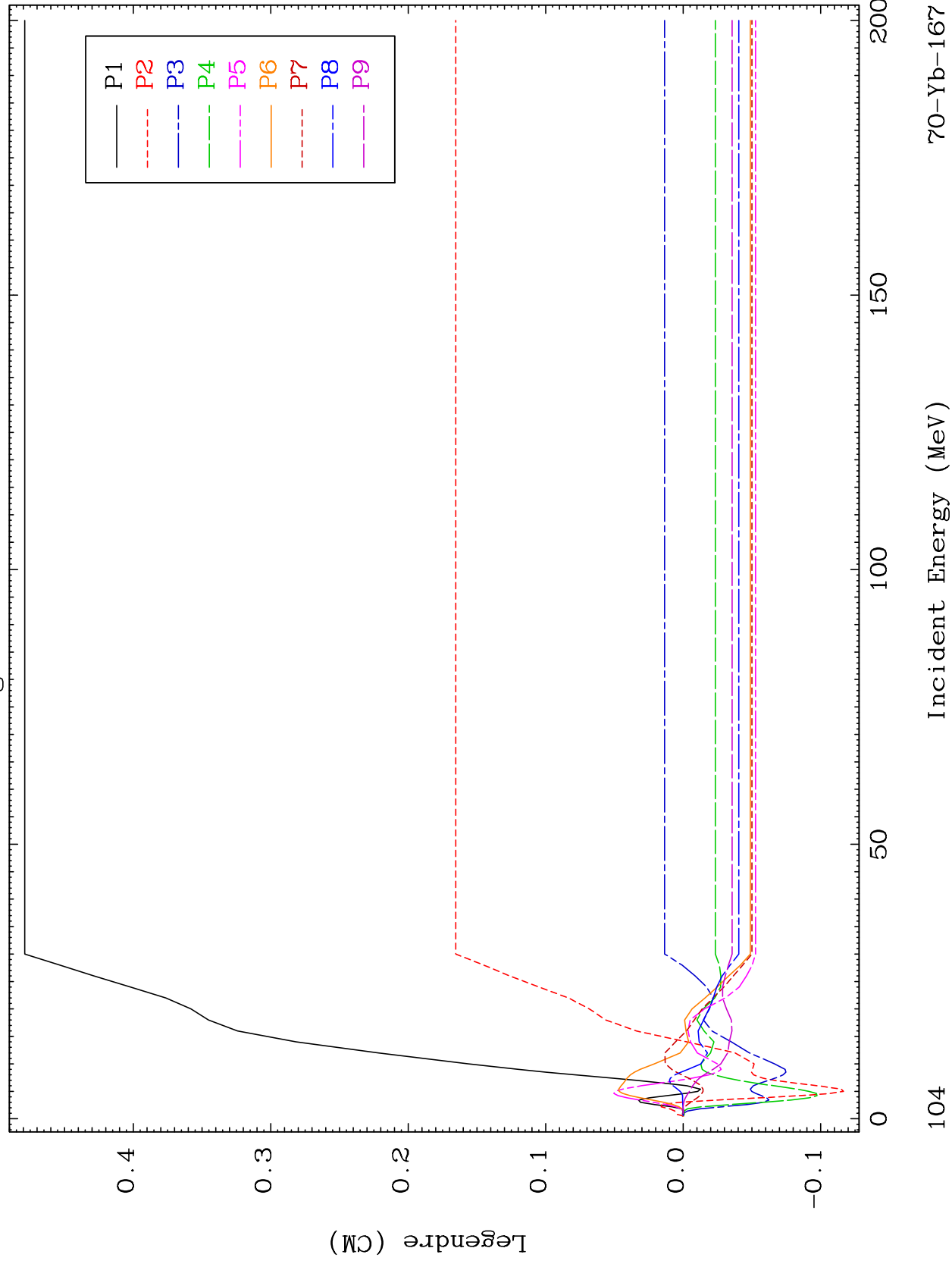
70-Yb-167

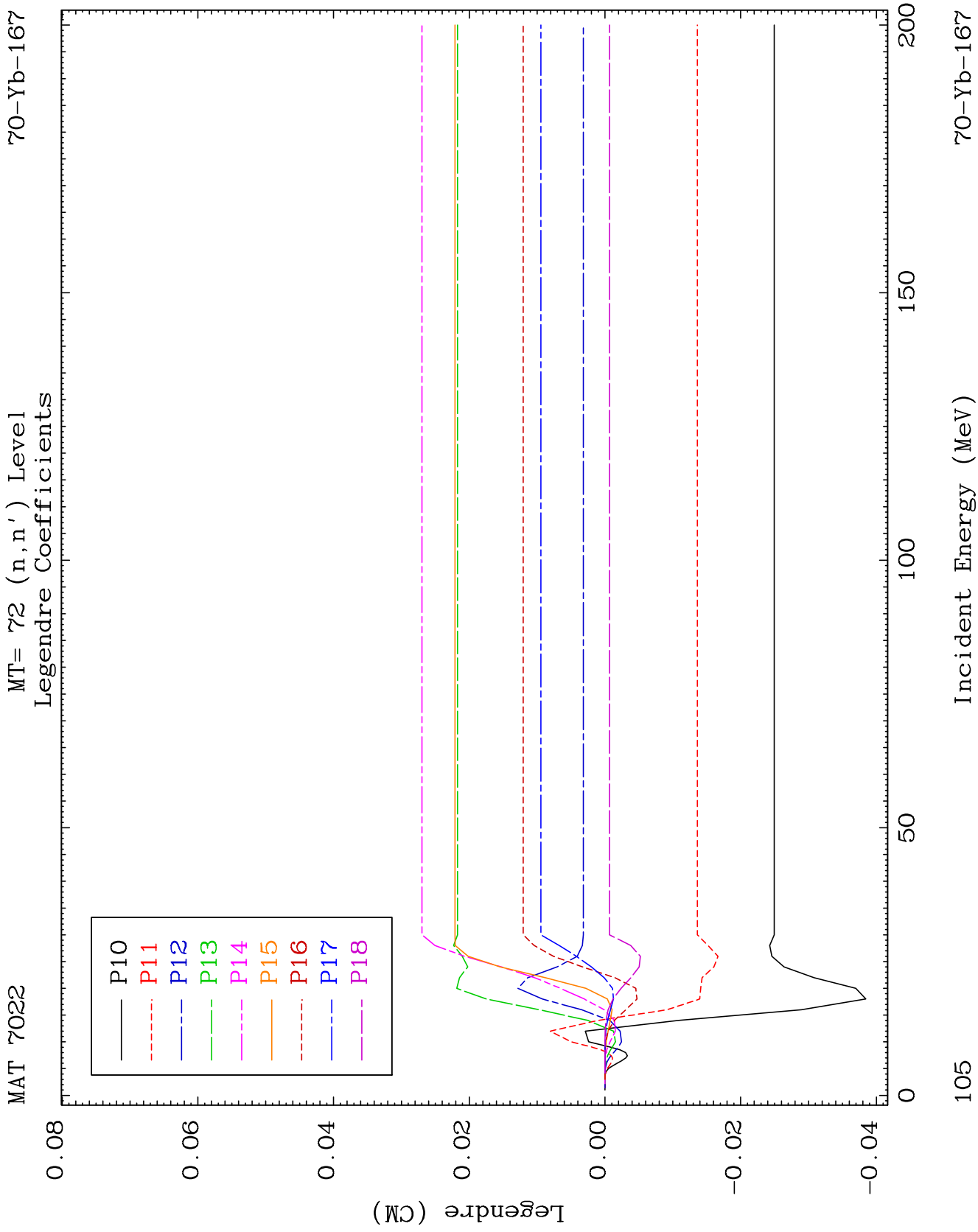


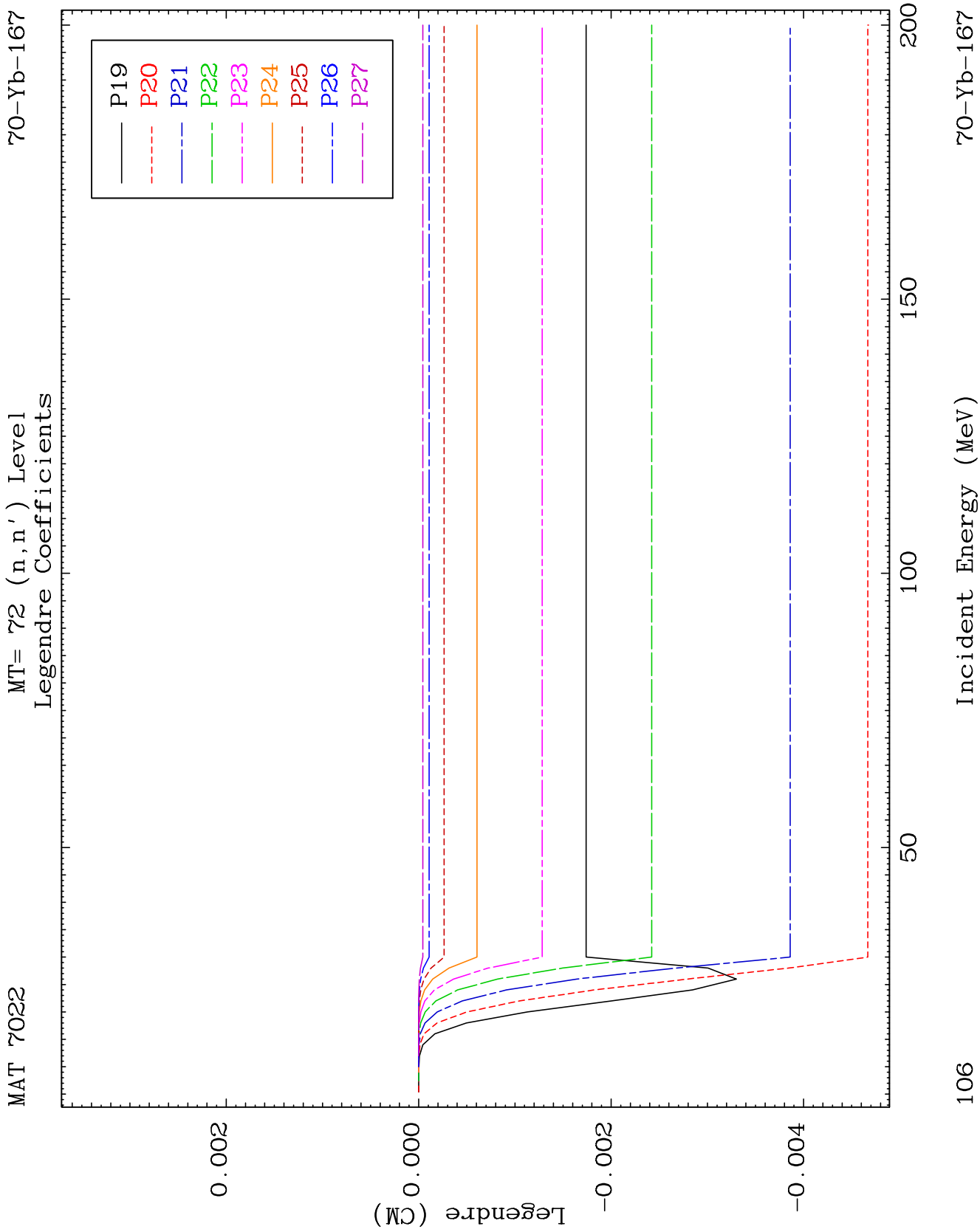
MAT 7022

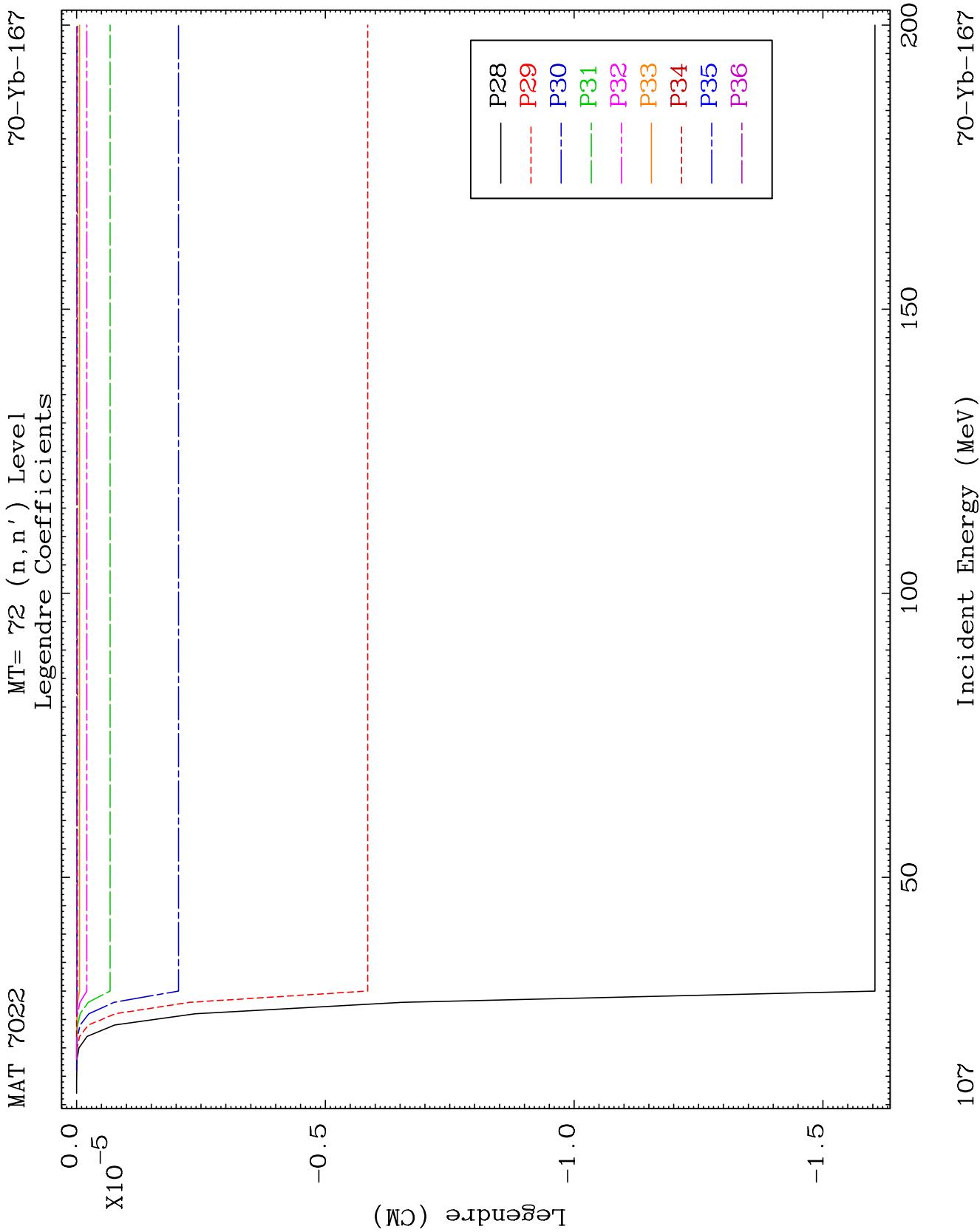
MT= 72 (n, n') Level  
Legendre Coefficients

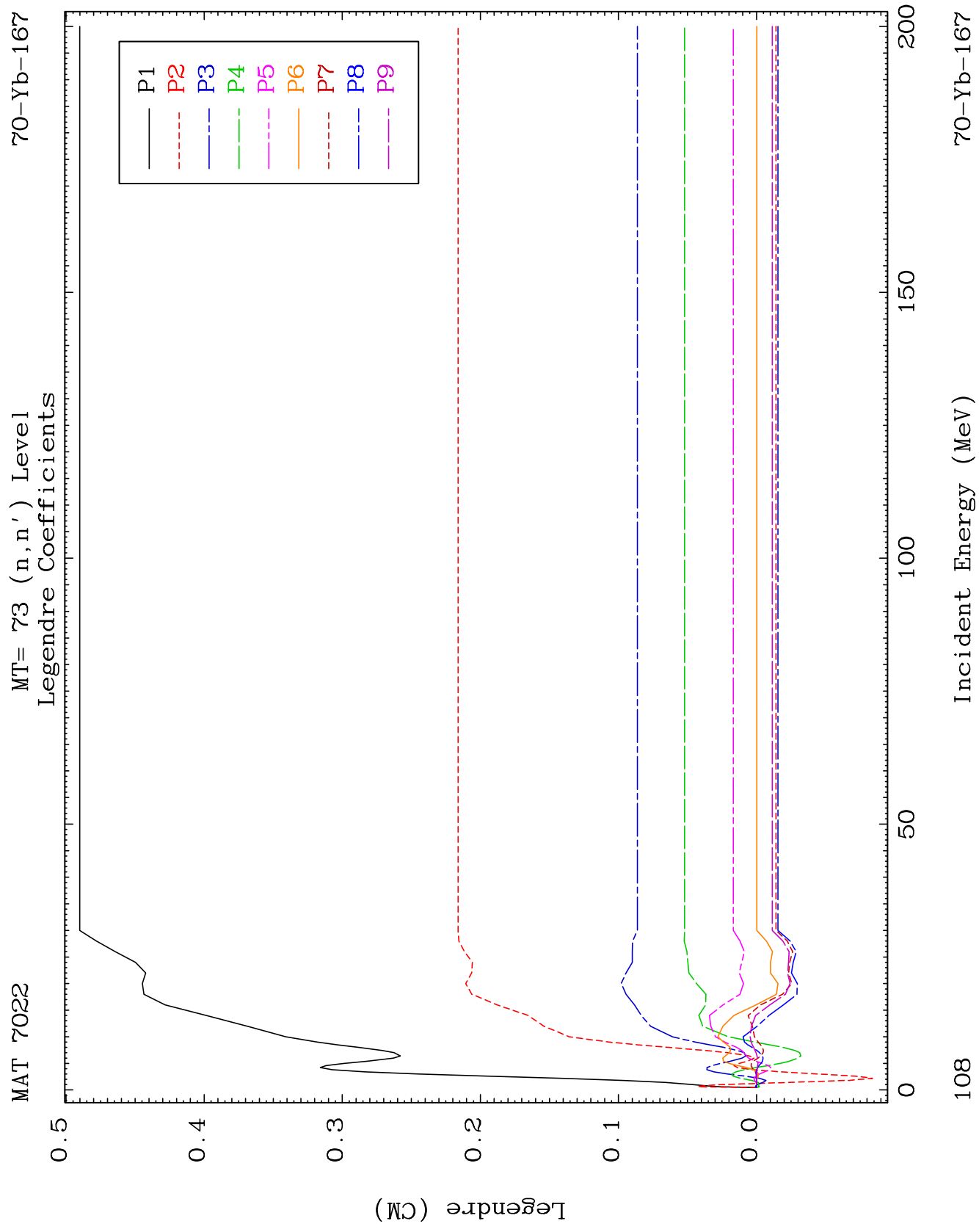
70-Yb-167







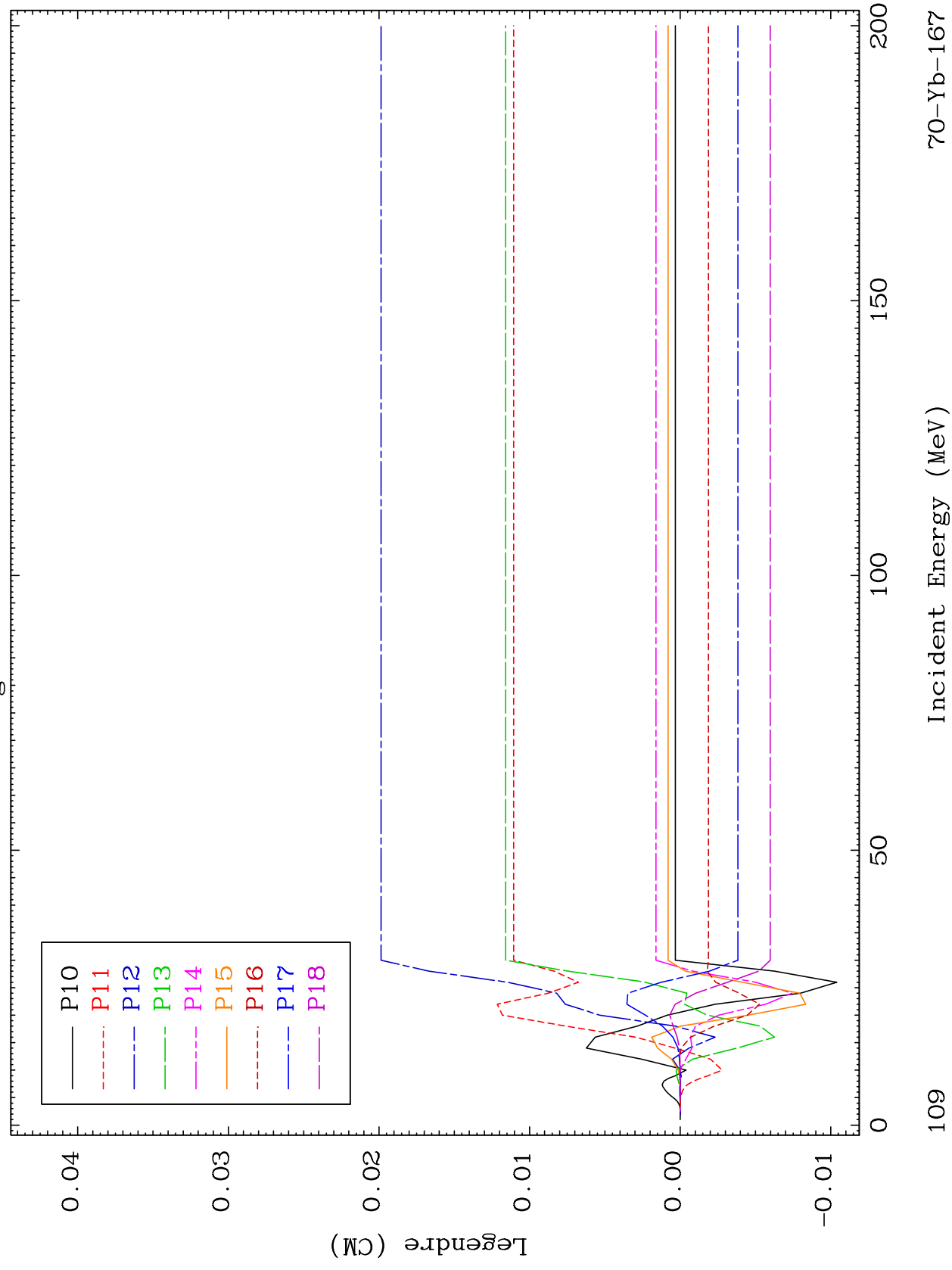




MAT 7022

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

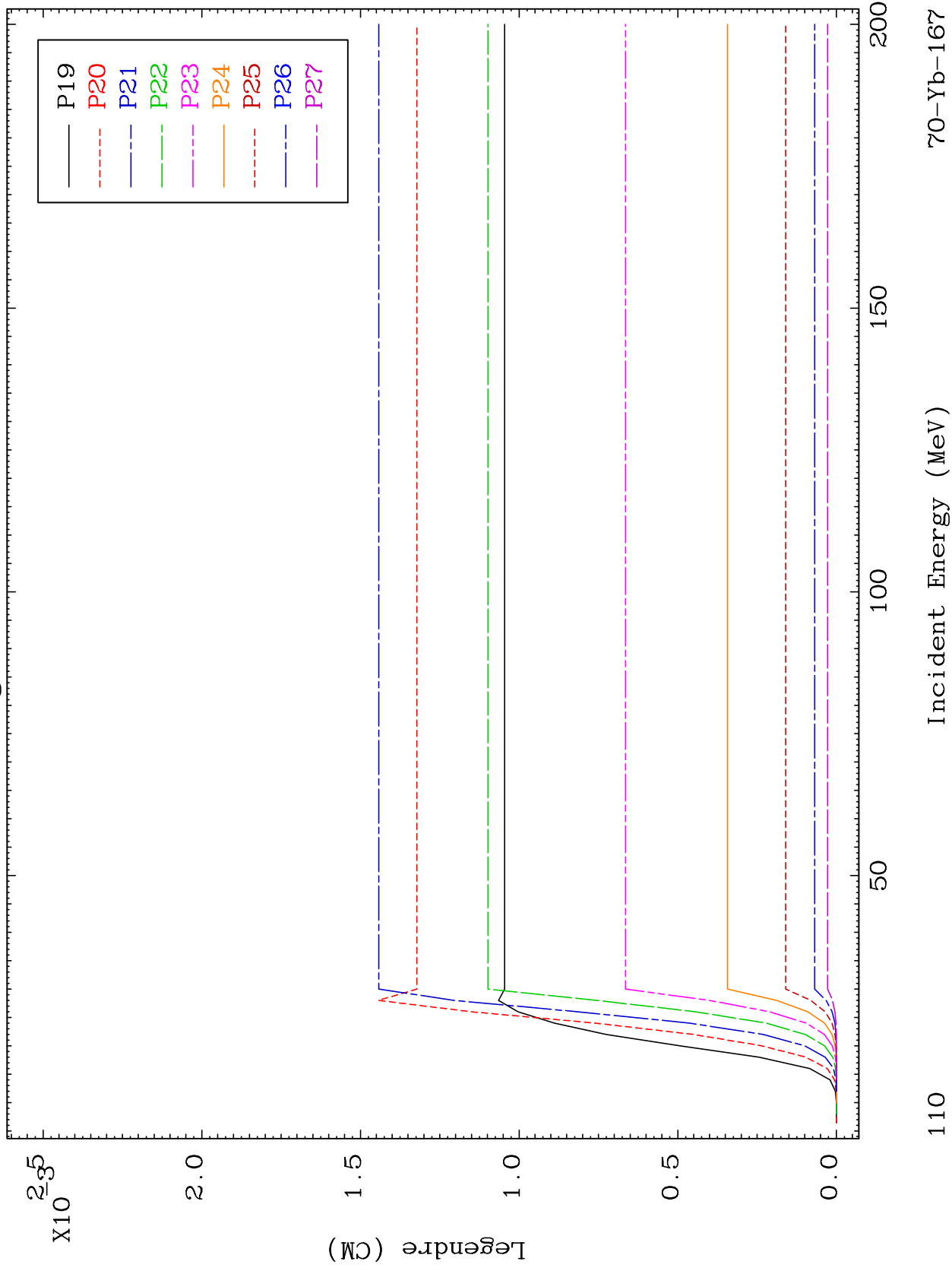
70-Yb-167



MAT 7022

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

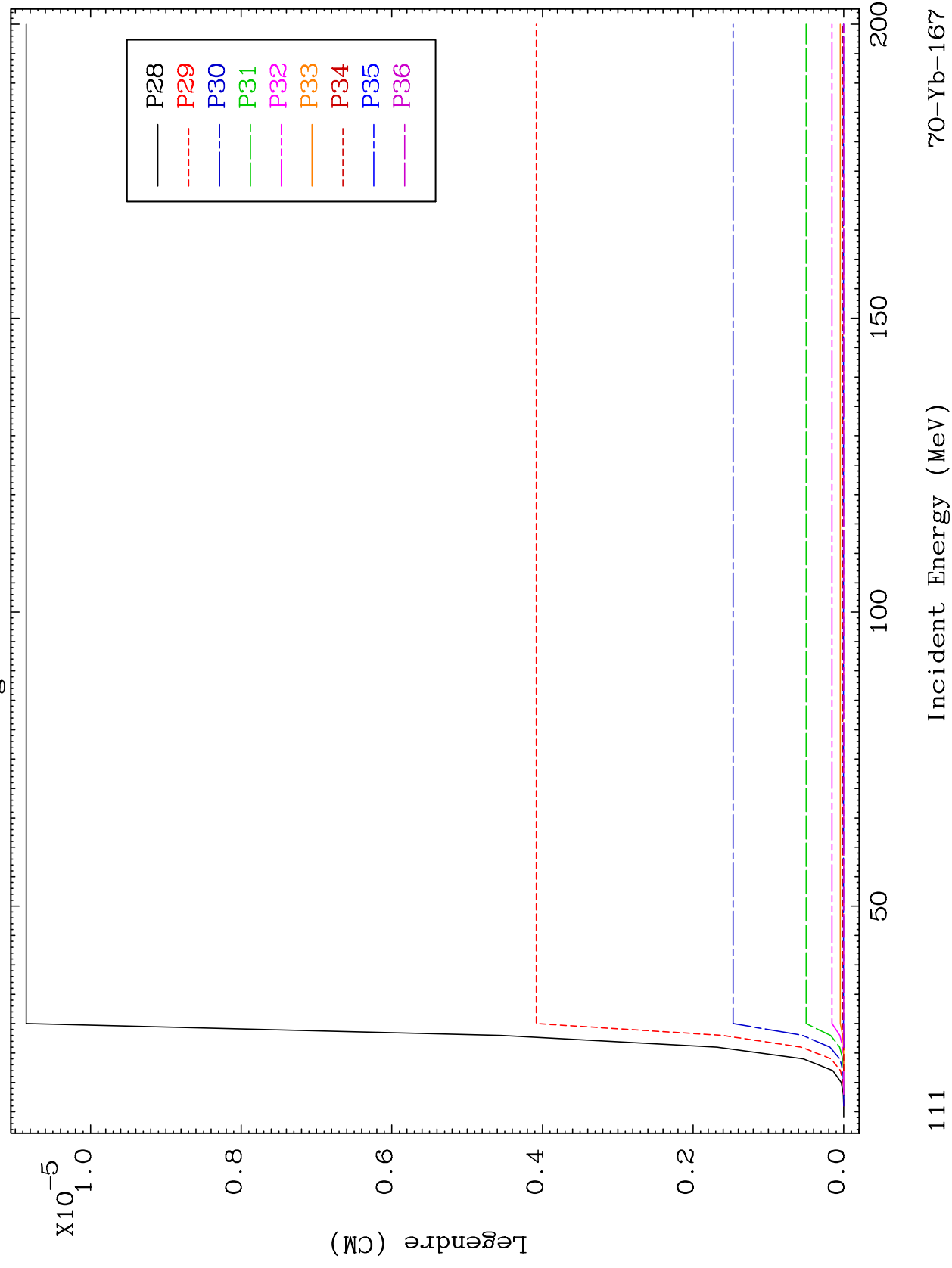
70-Yb-167

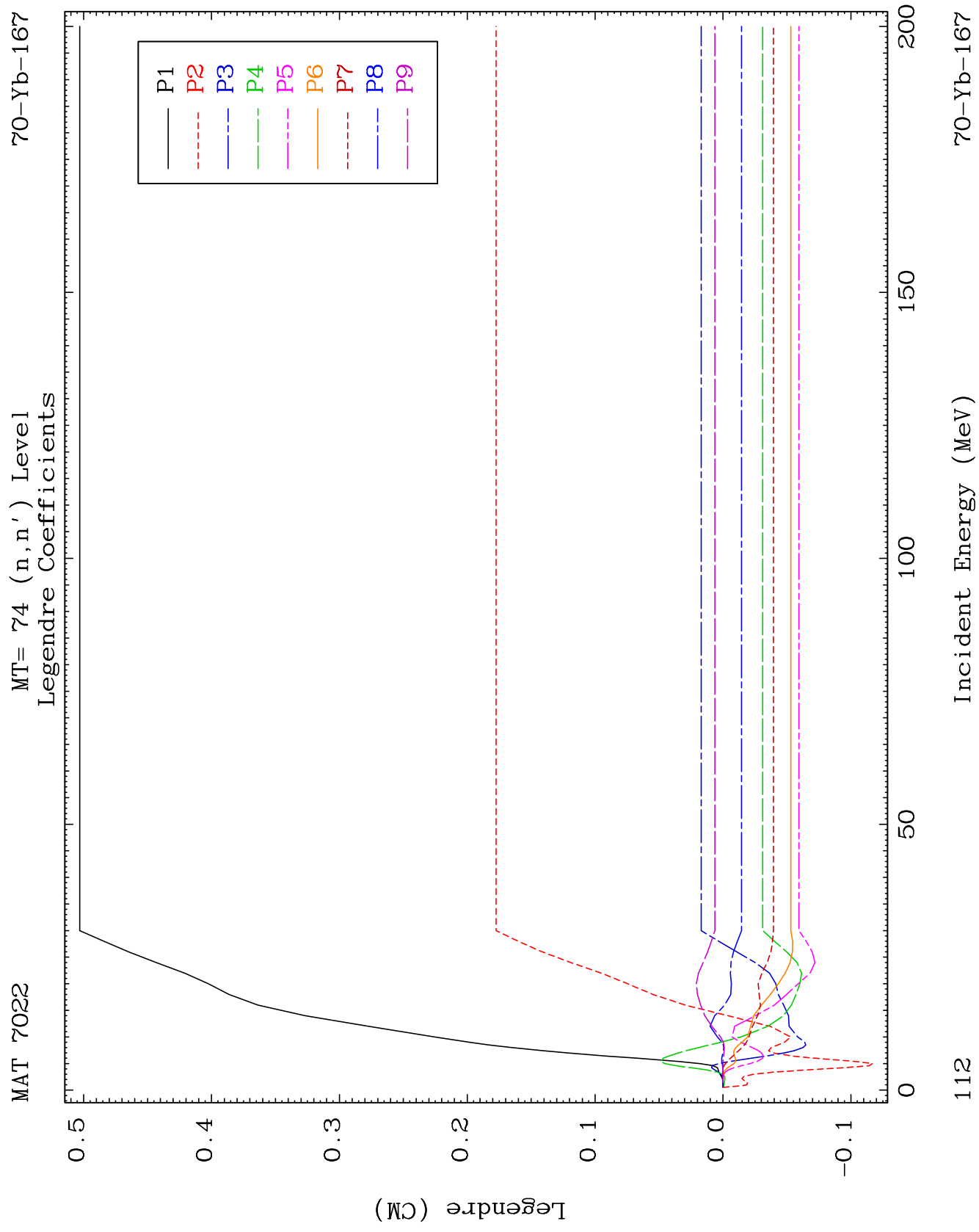


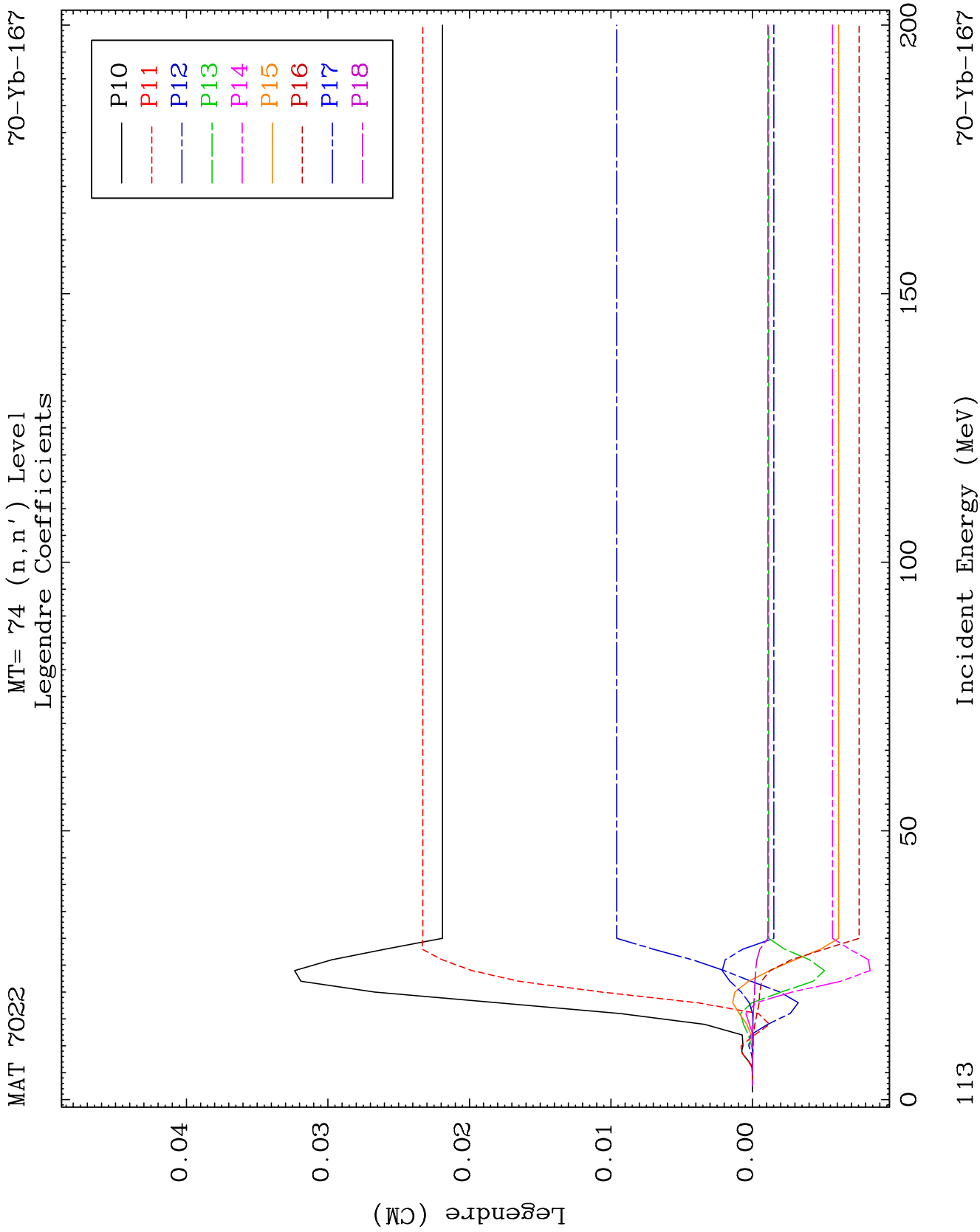
MAT 7022

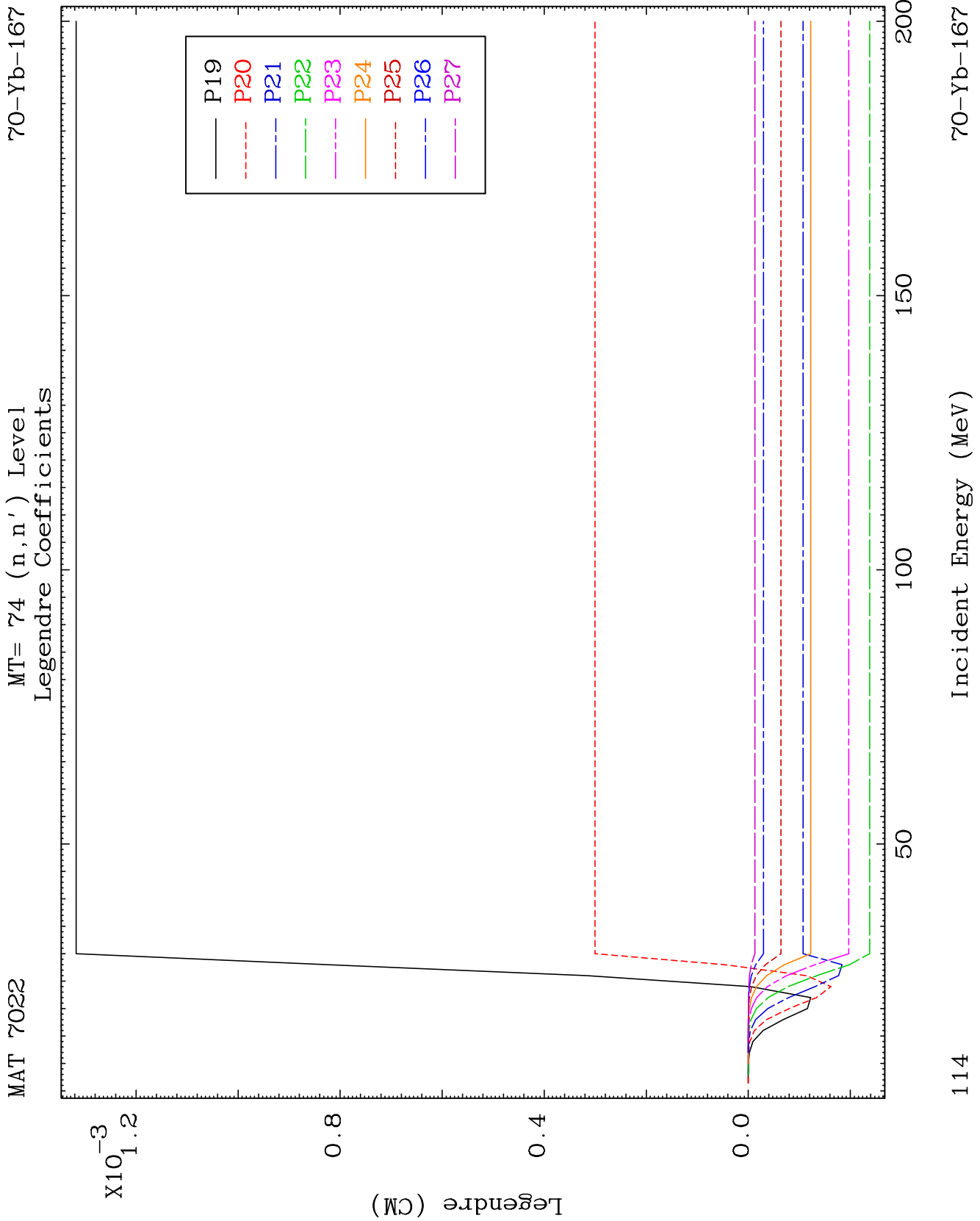
MT= 73 (n, n') Level  
Legendre Coefficients

70-Yb-167

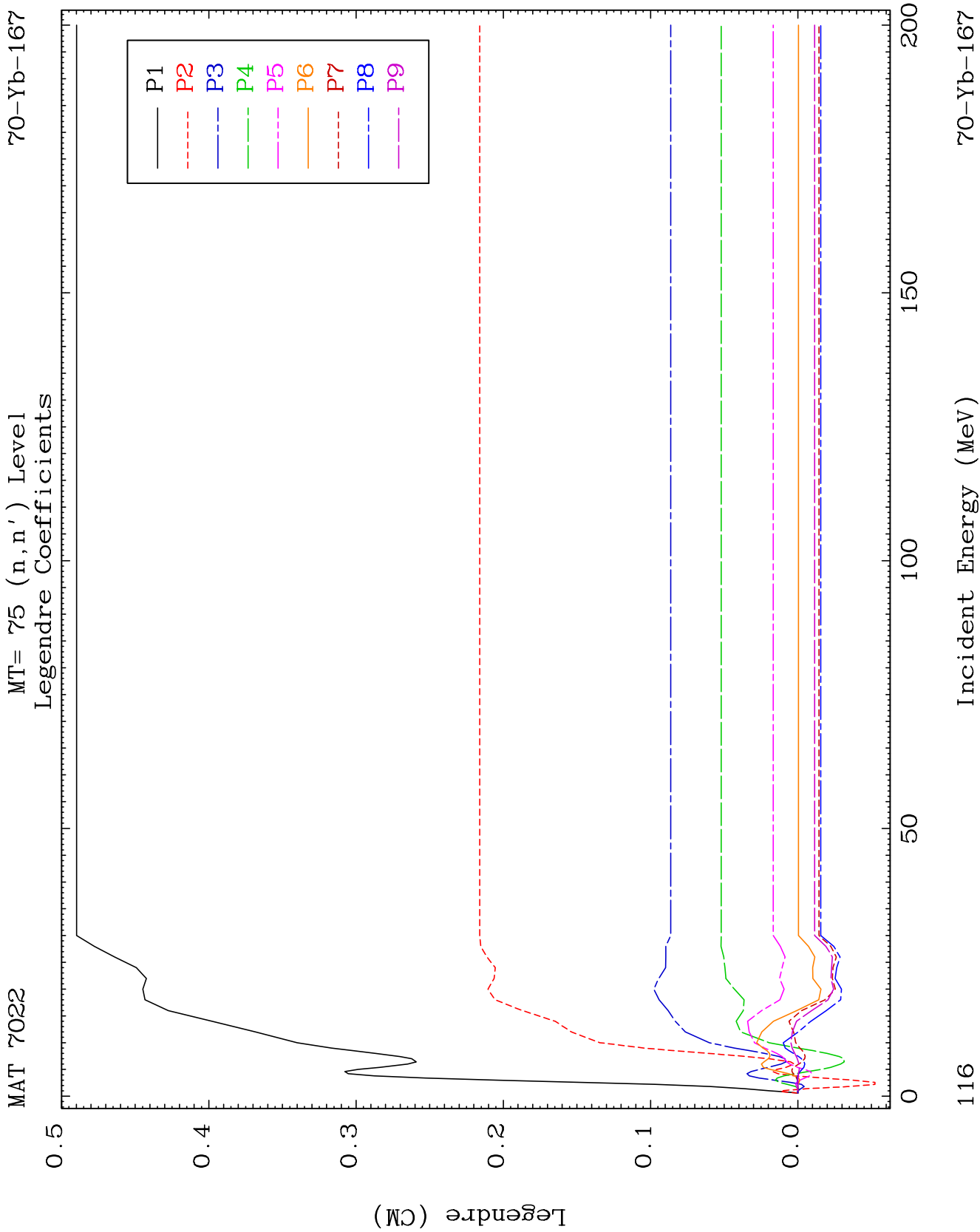








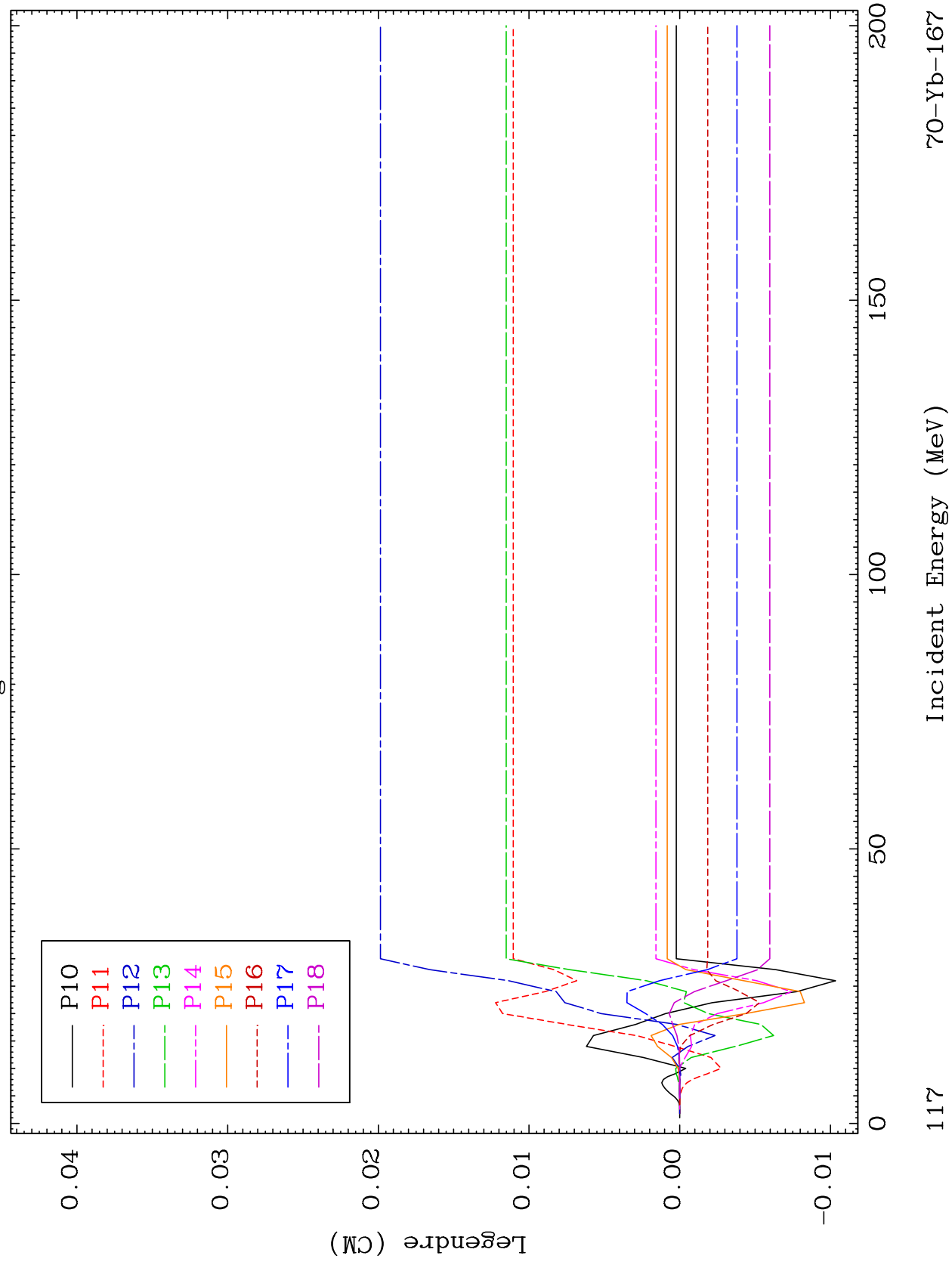




MAT 7022

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

70-Yb-167

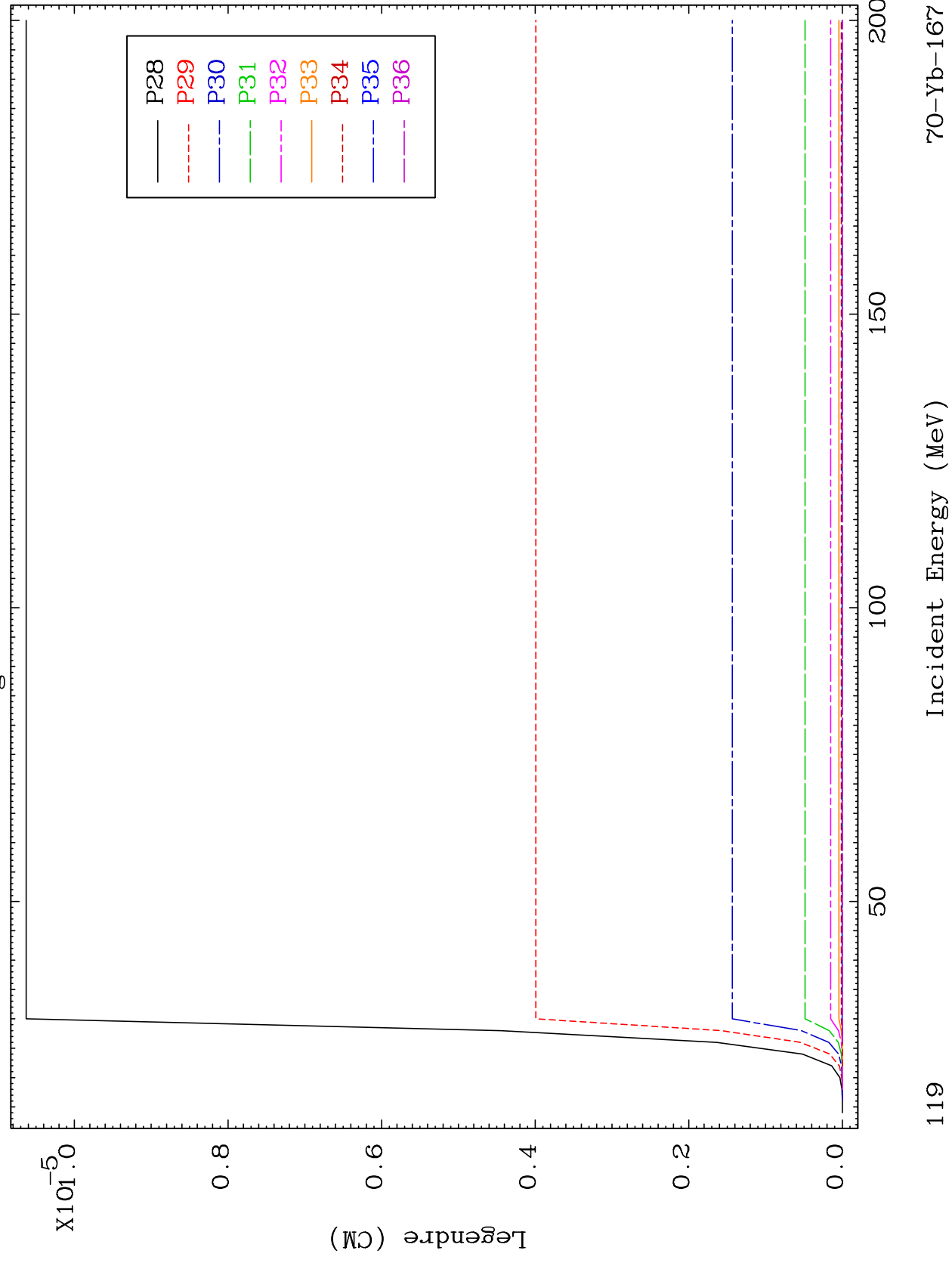


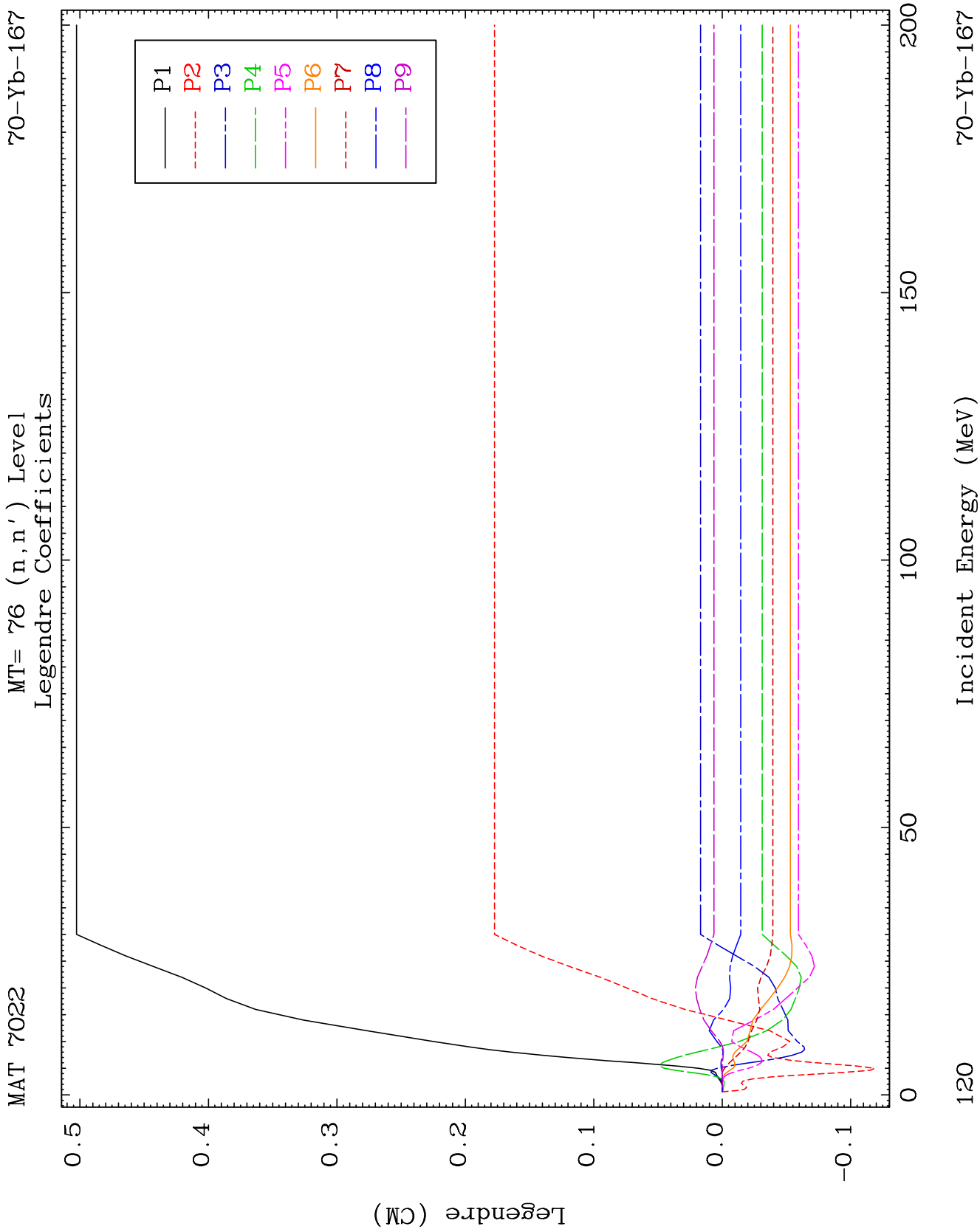


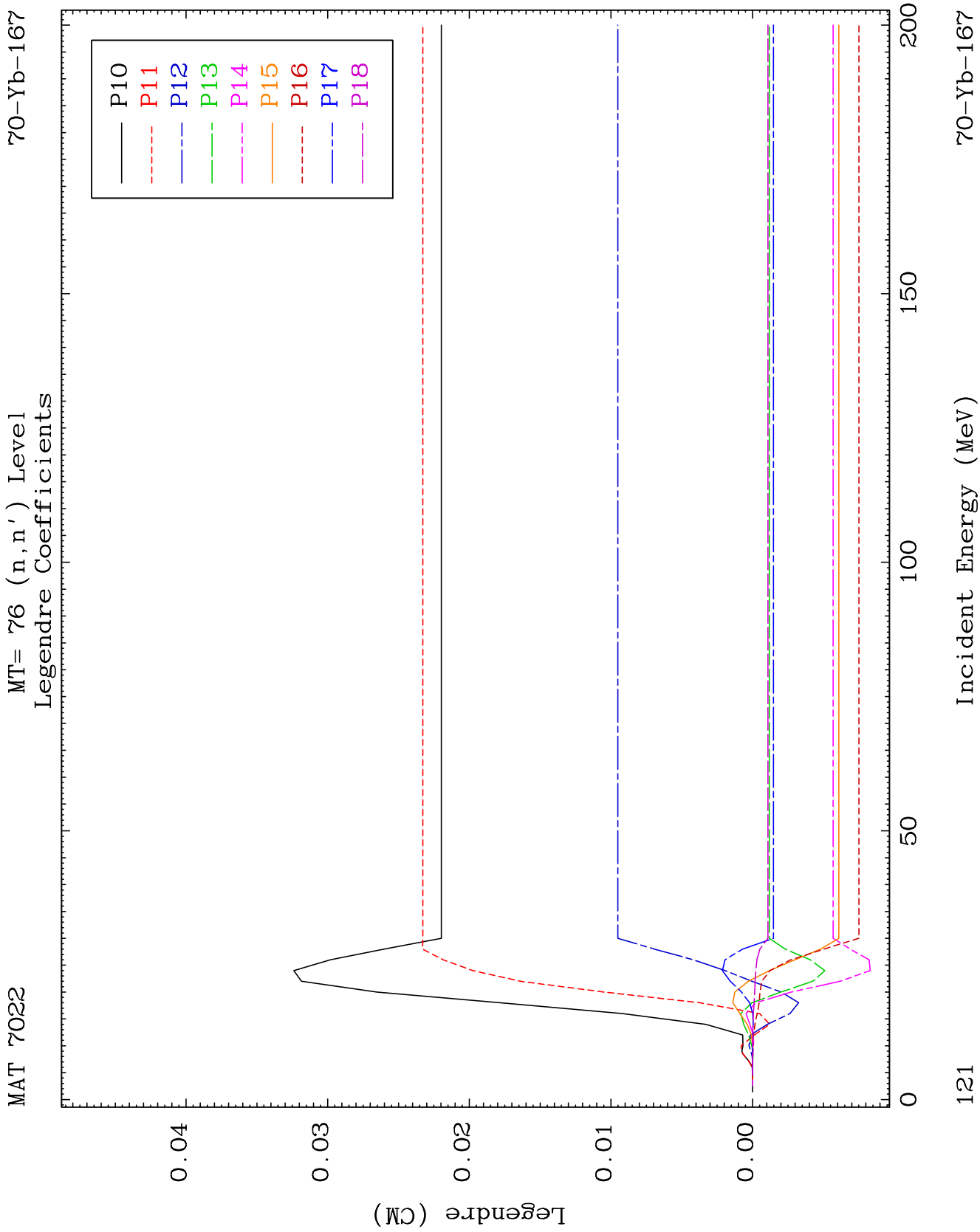
MAT 7022

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

70-Yb-167



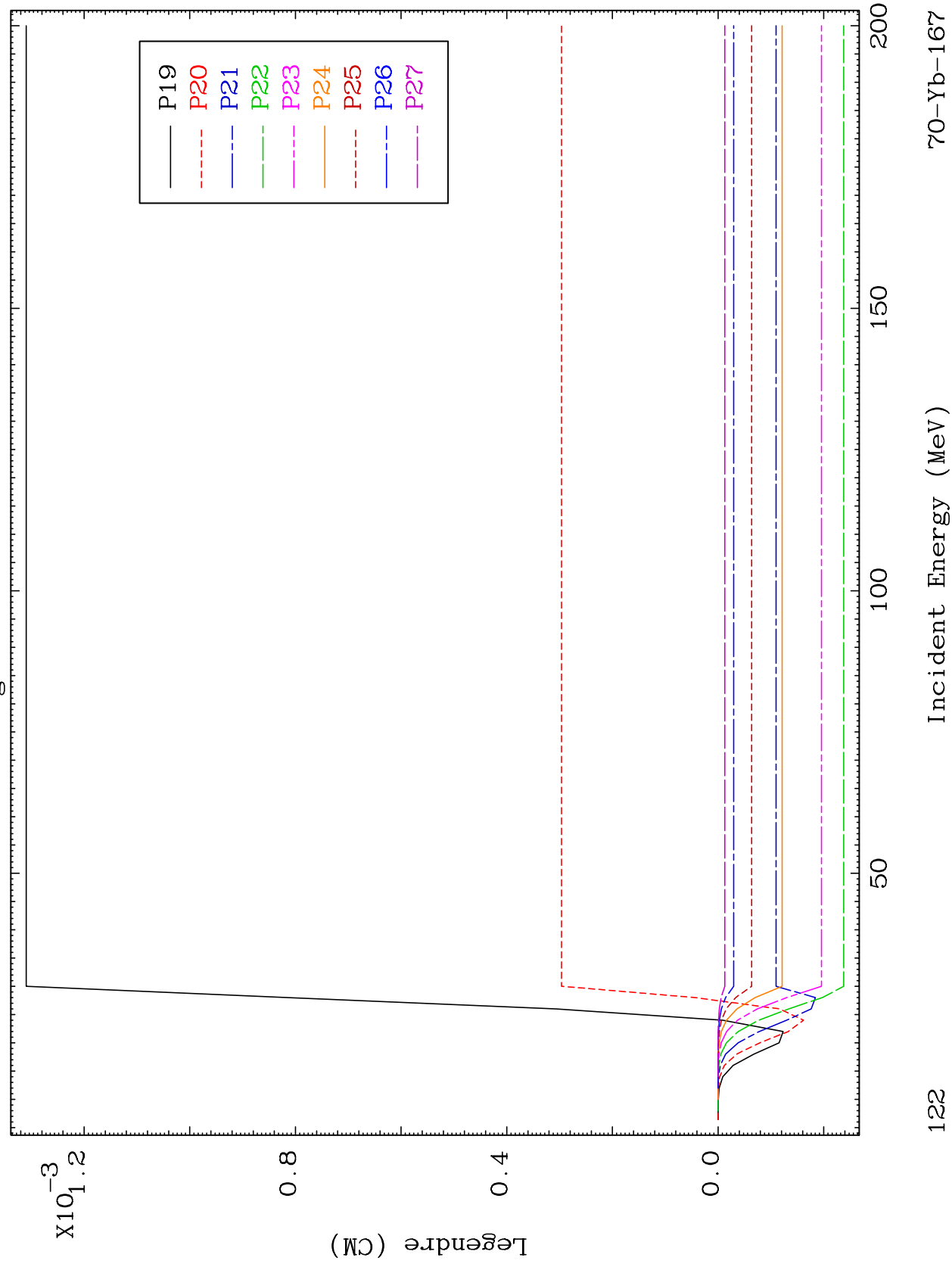


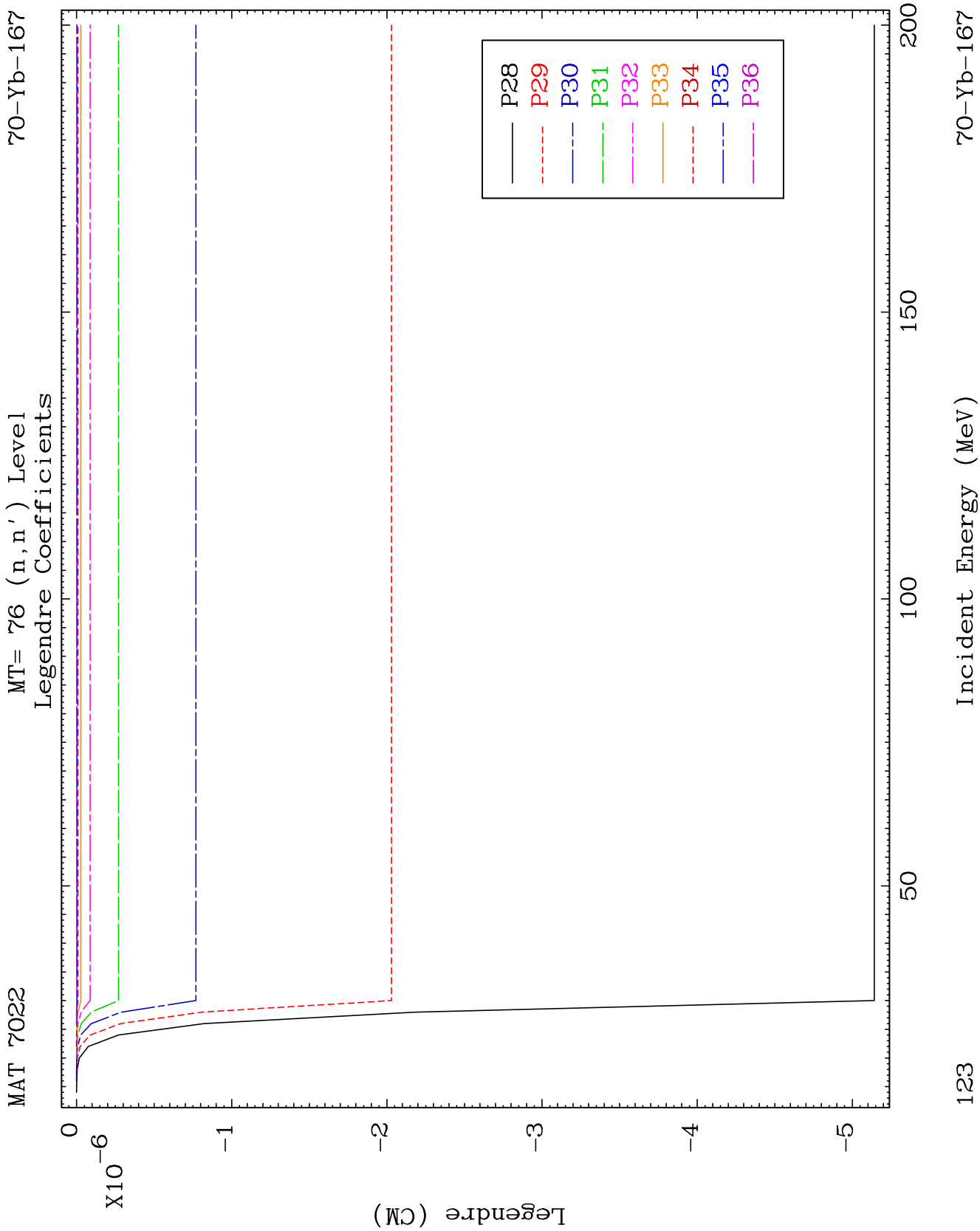


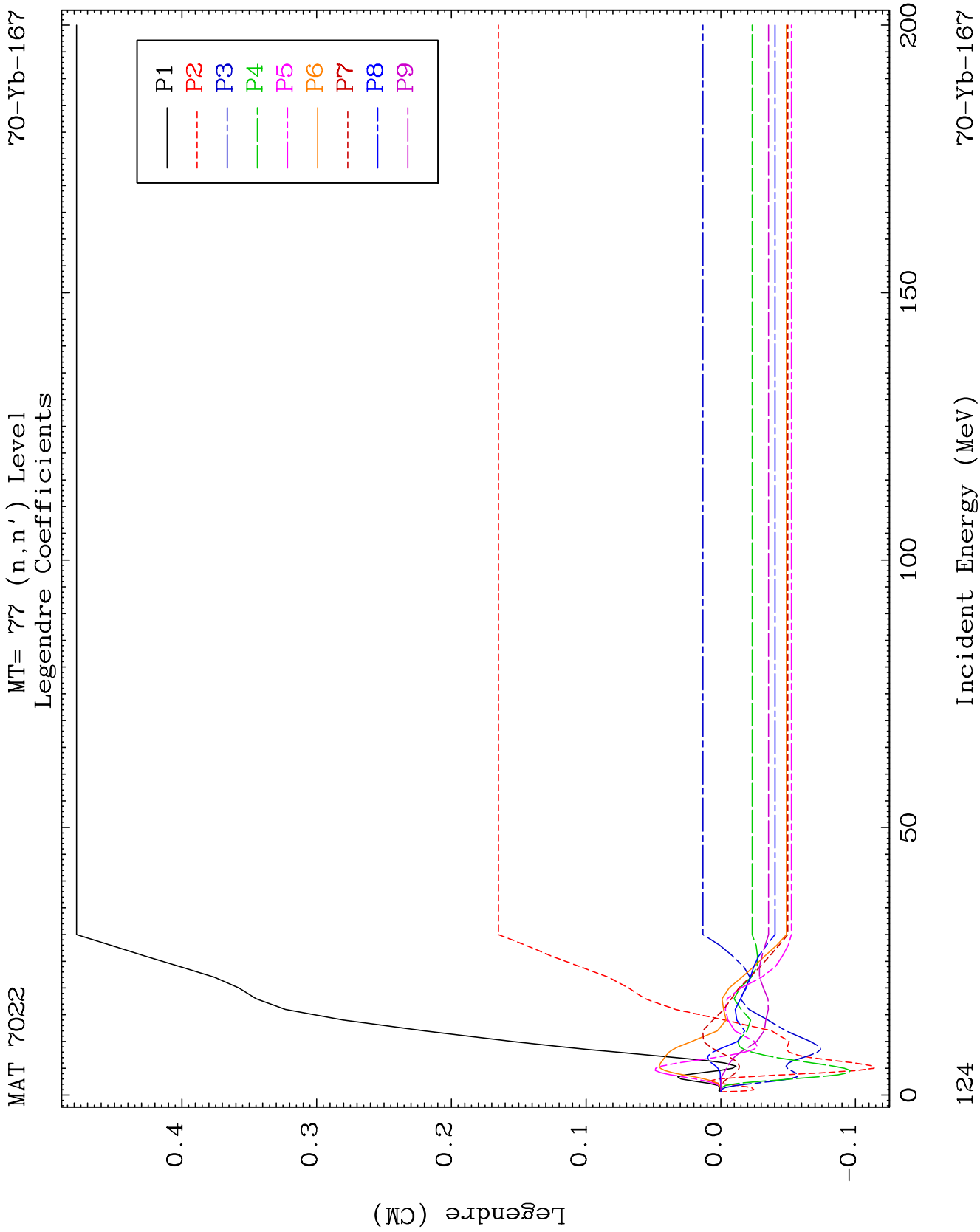
MAT 7022

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

70-Yb-167



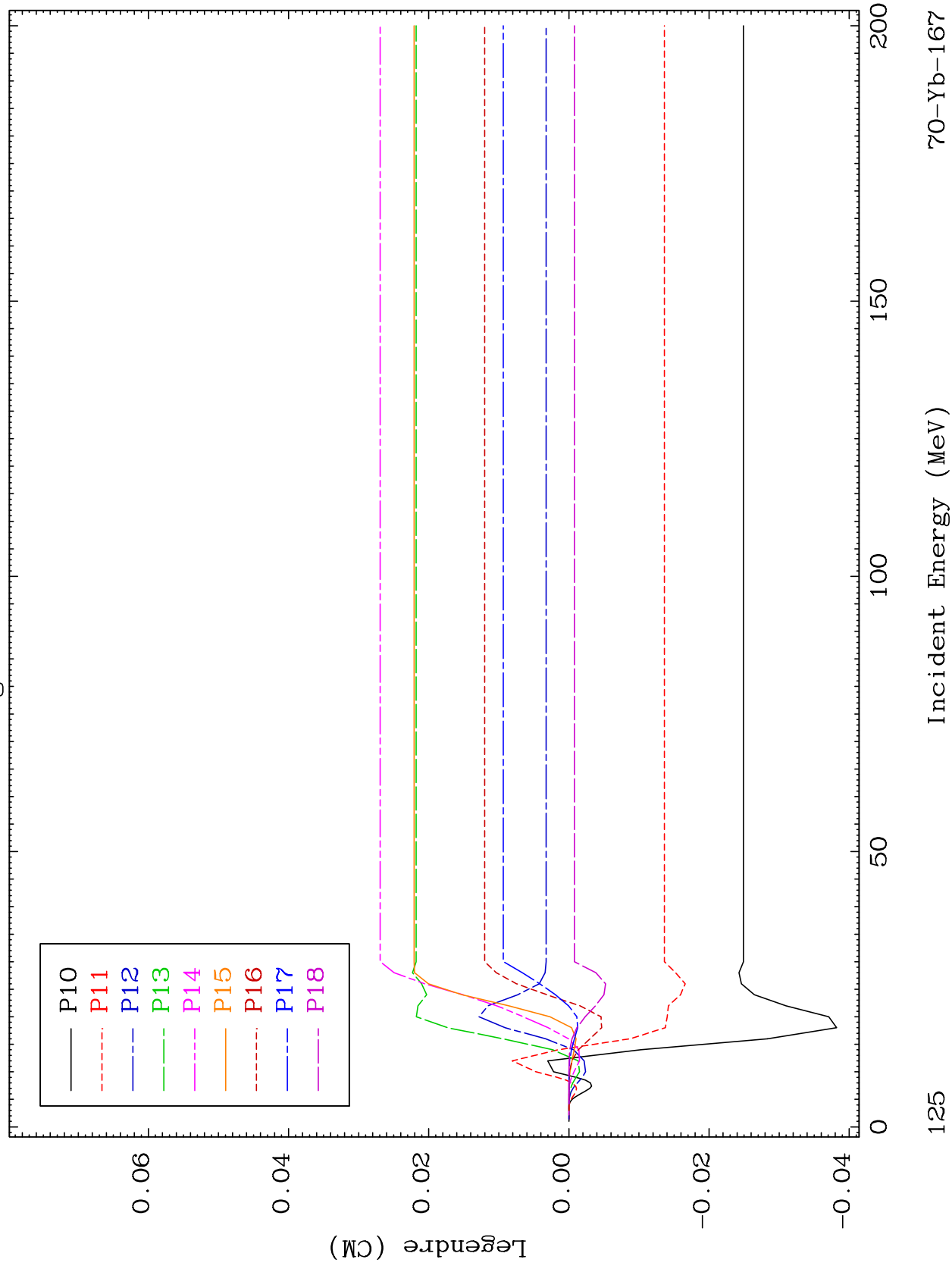


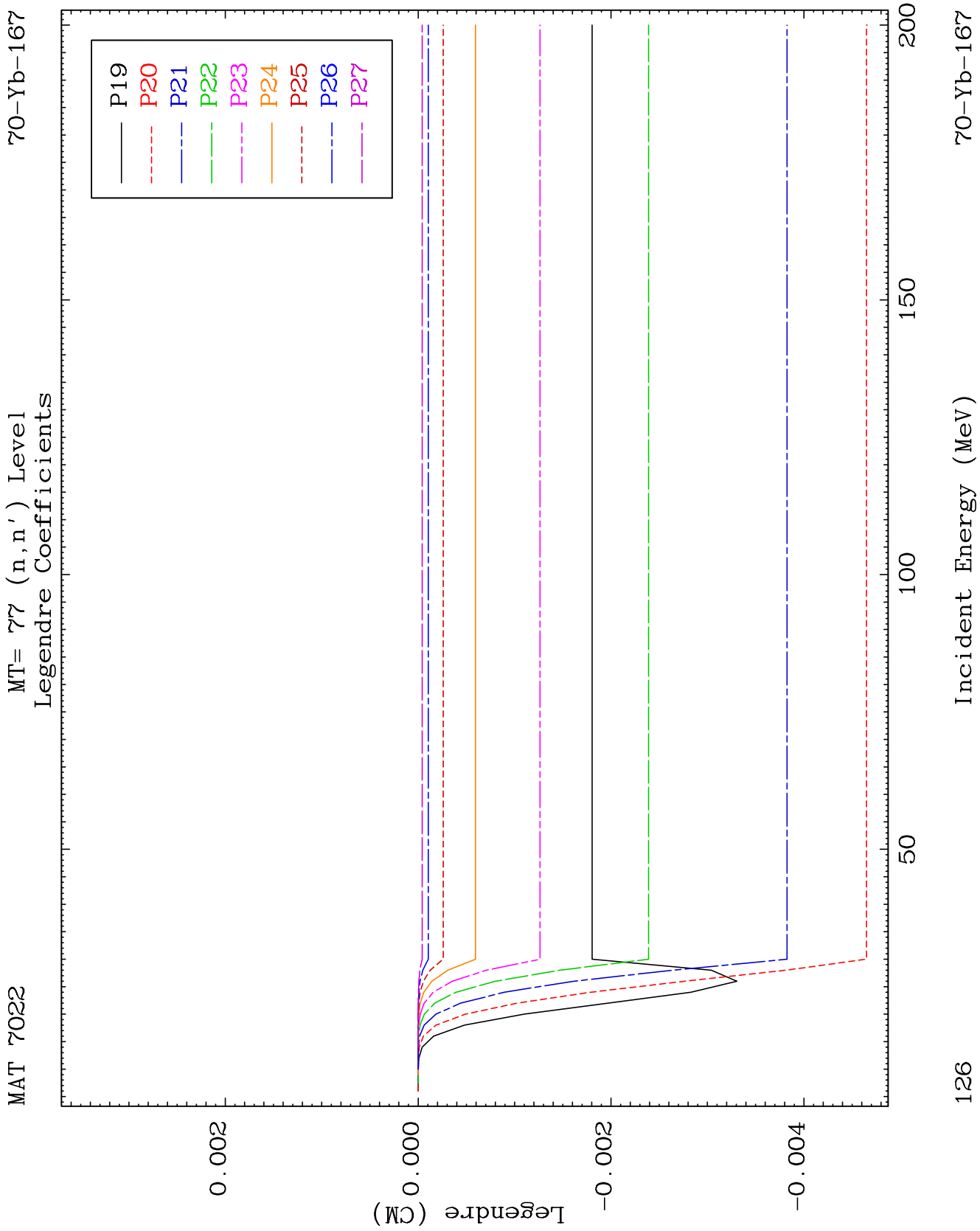


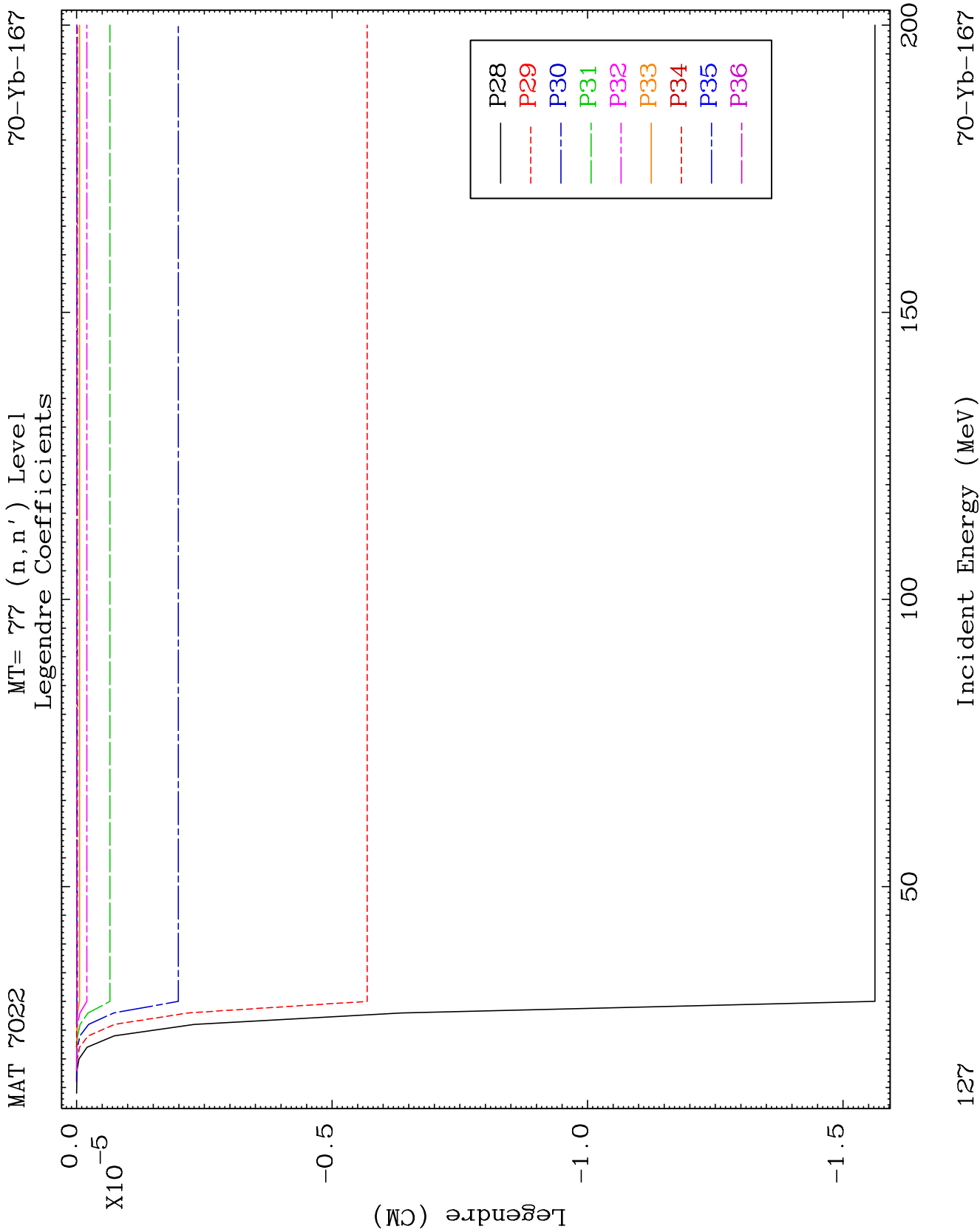
MAT 7022

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

70-Yb-167



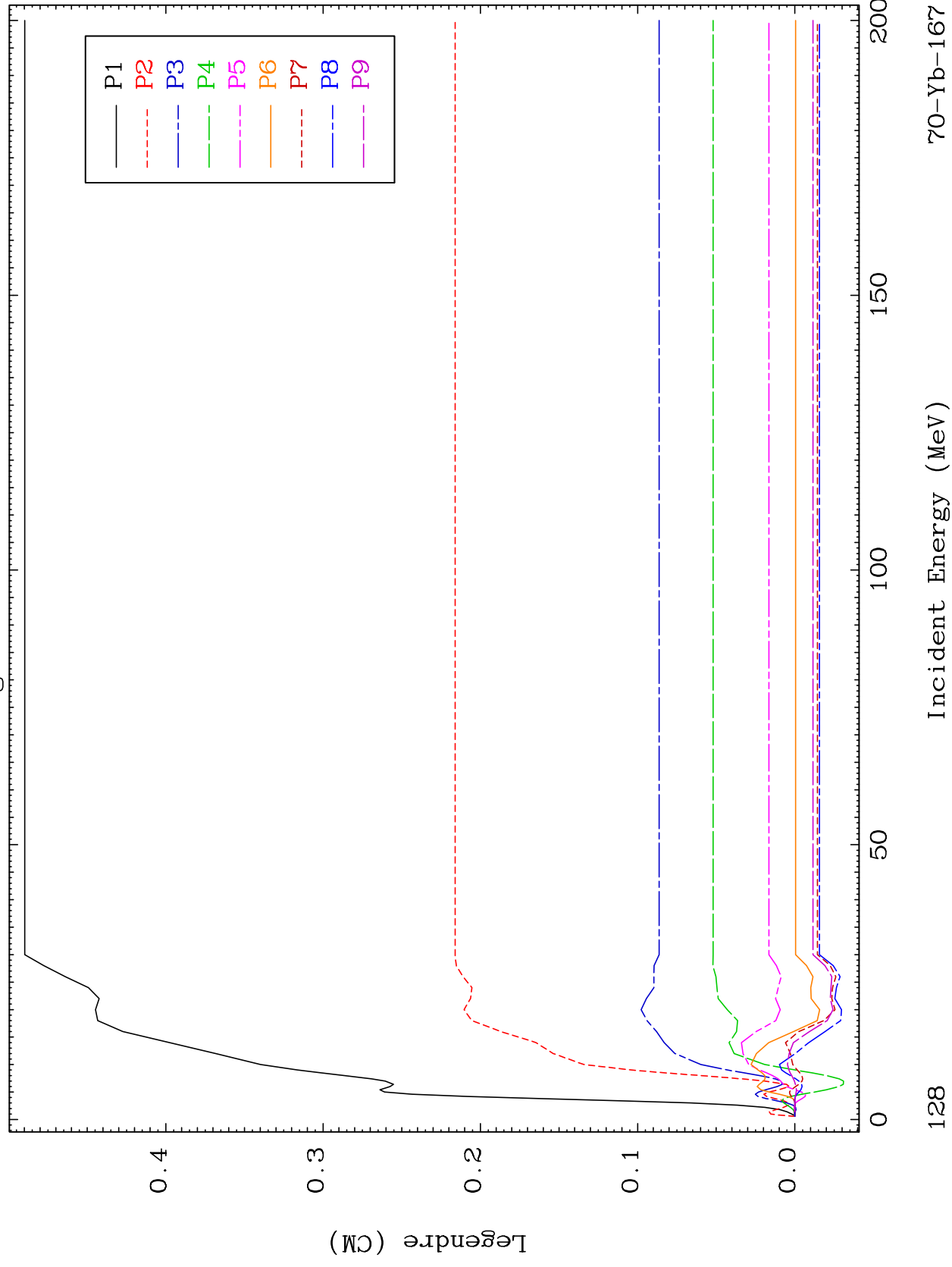




MAT 7022

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

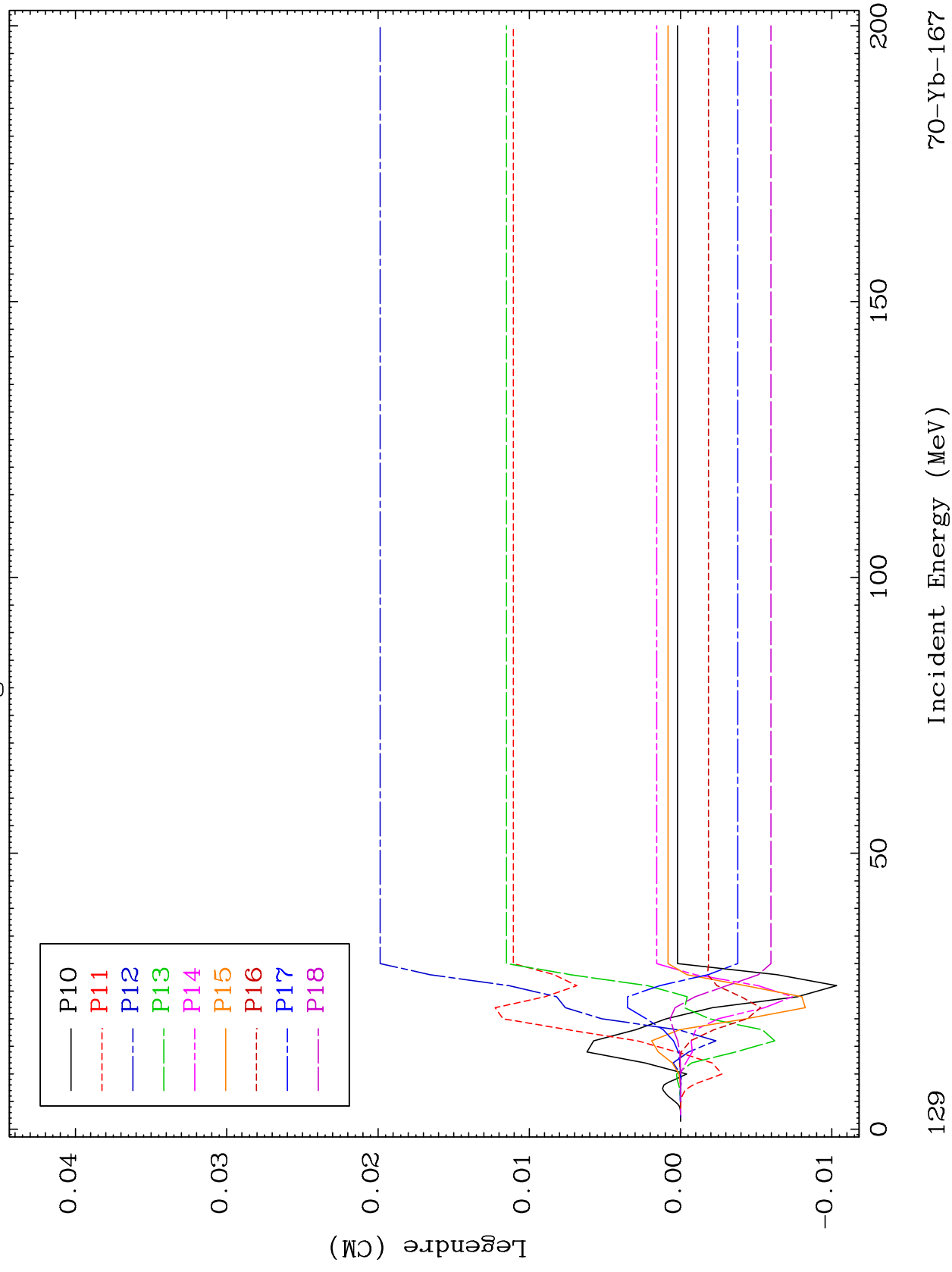
70-Yb-167



MAT 7022

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

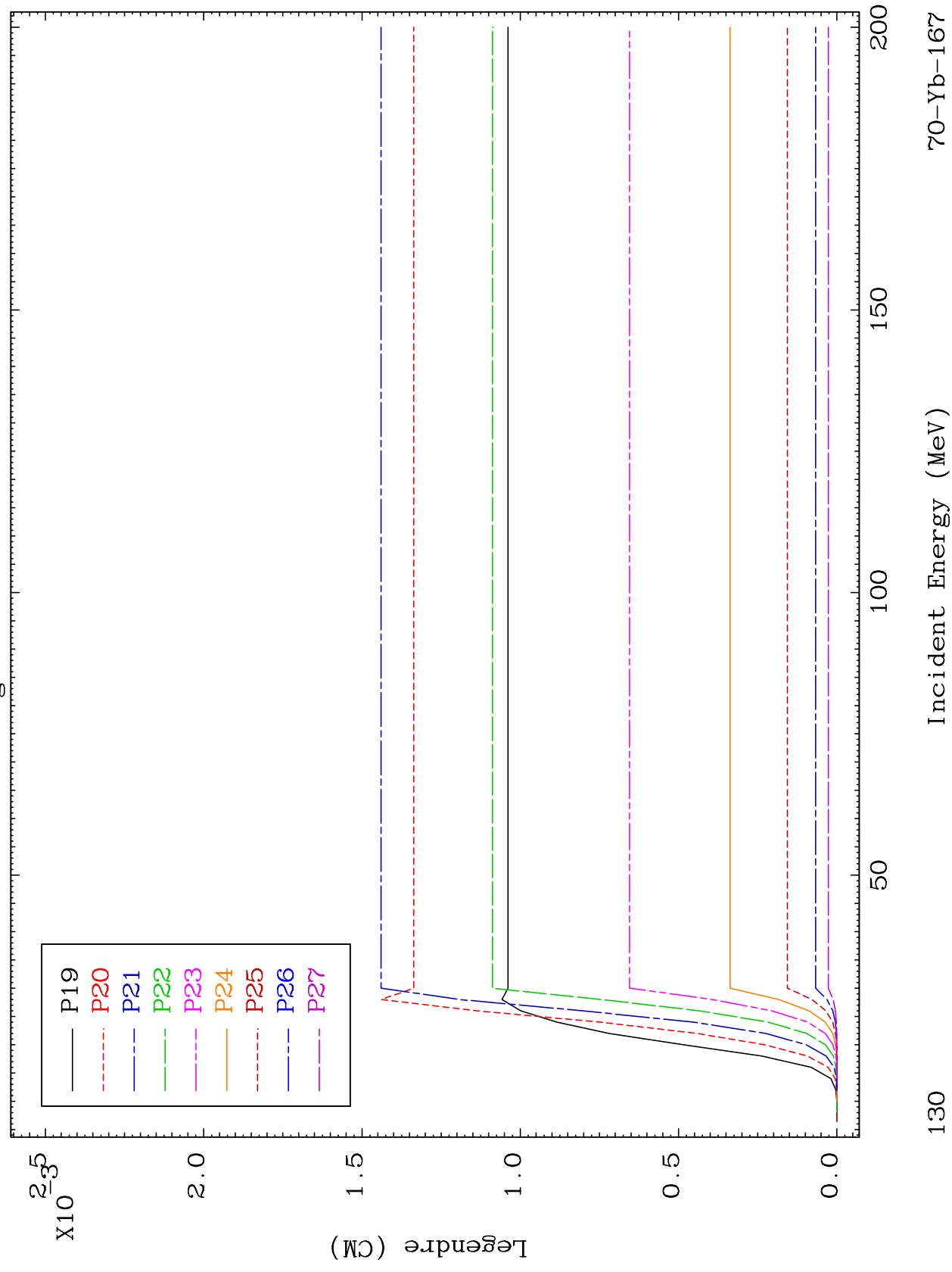
70-Yb-167

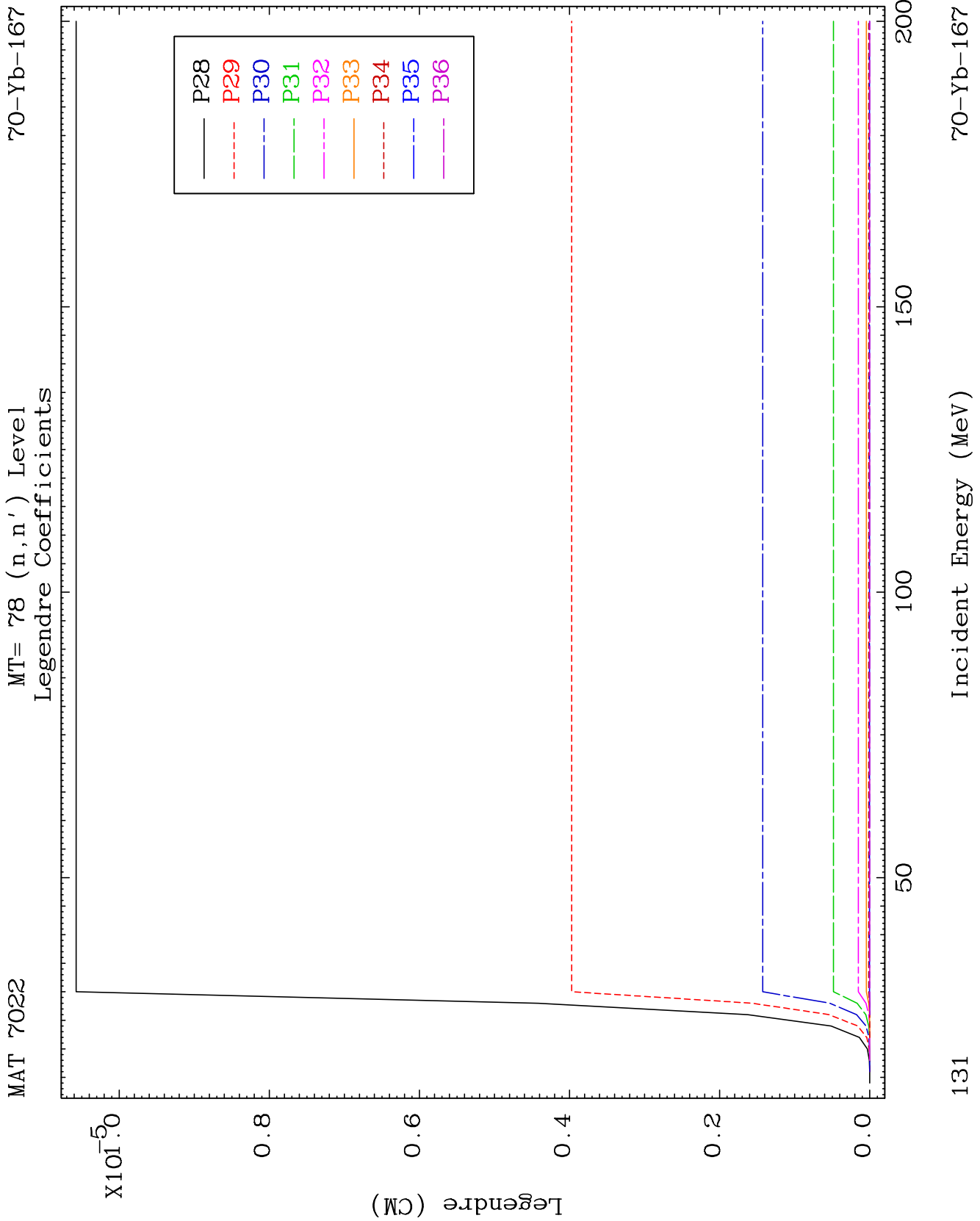


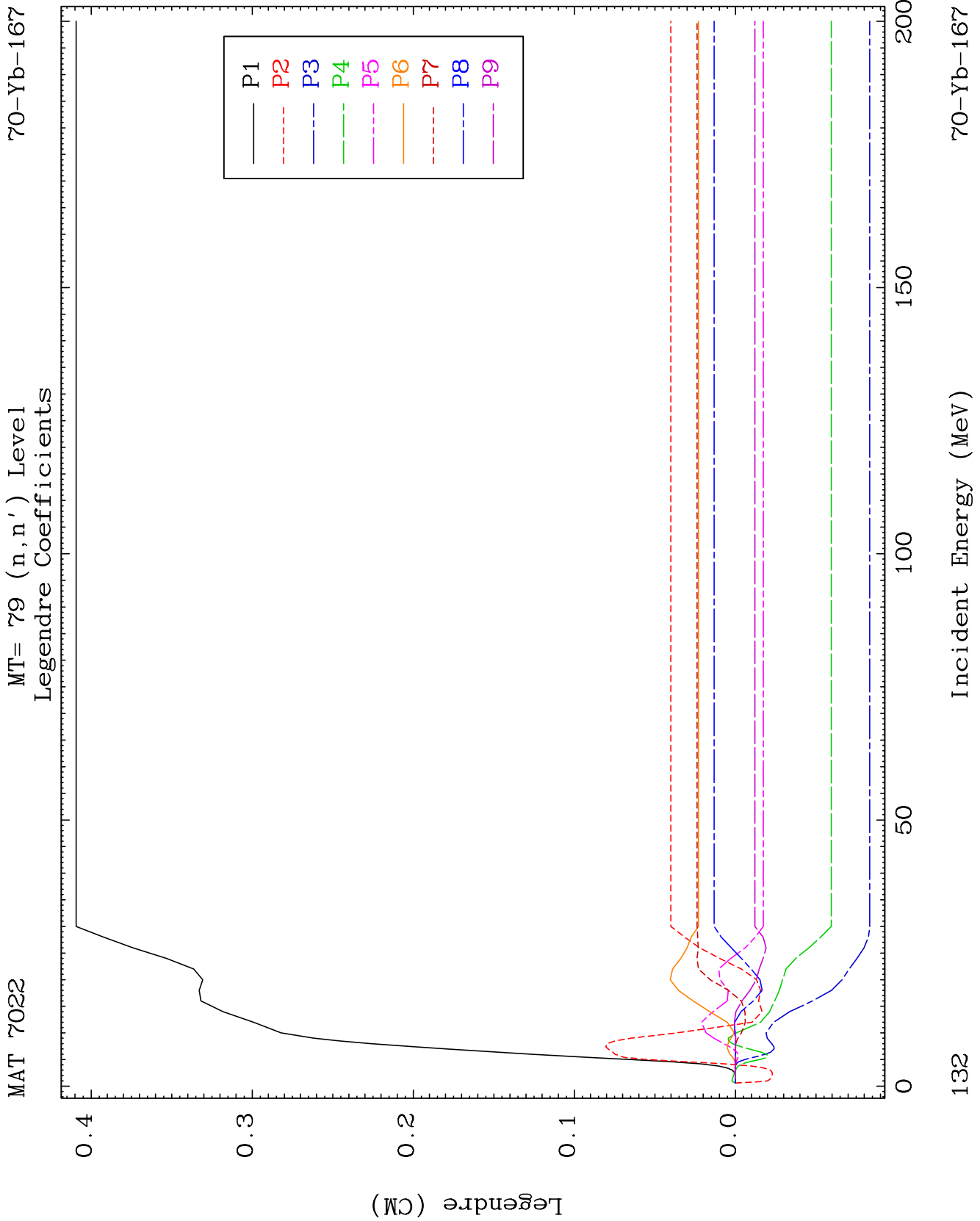
MAT 7022

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

70-Yb-167



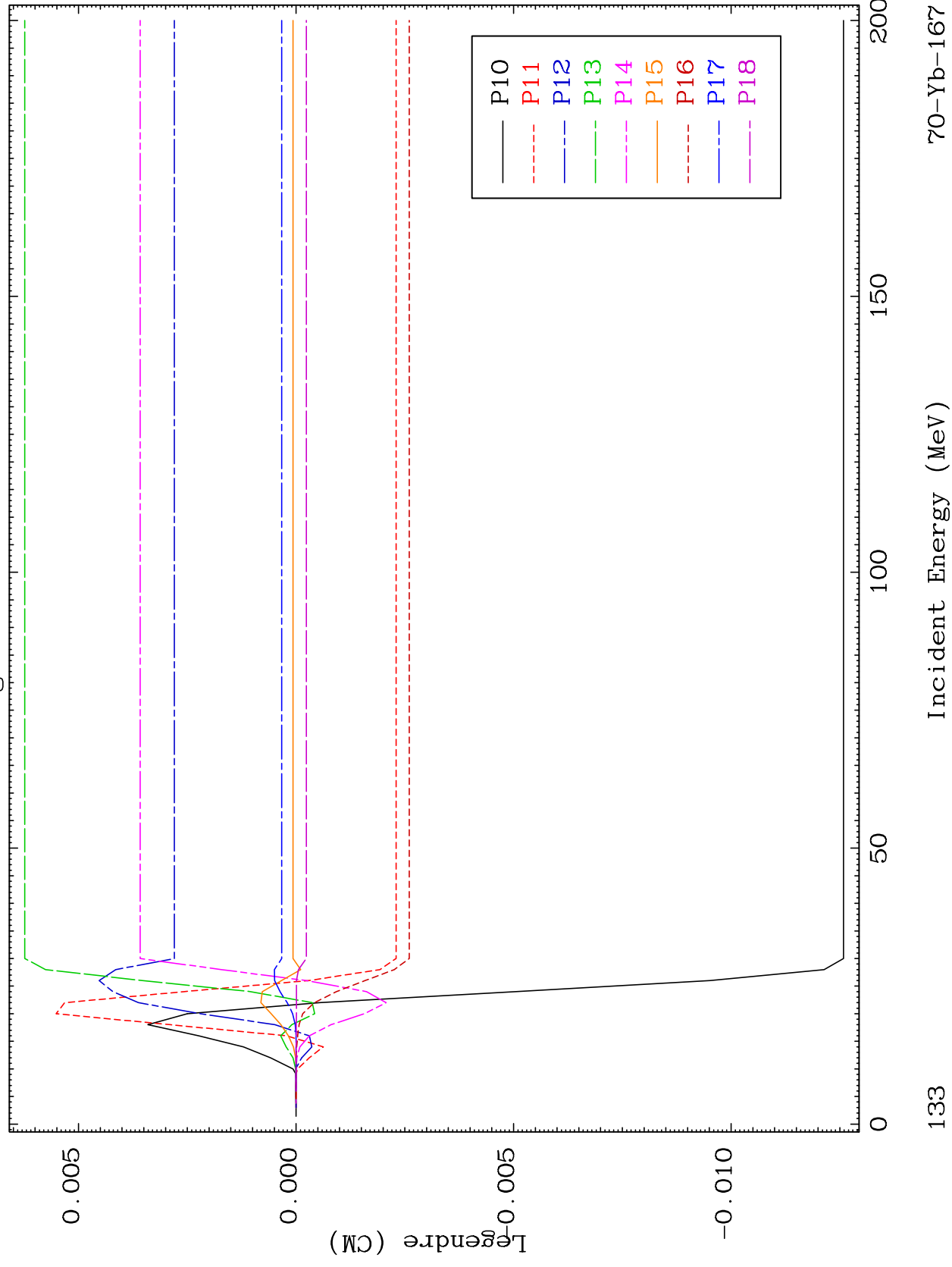


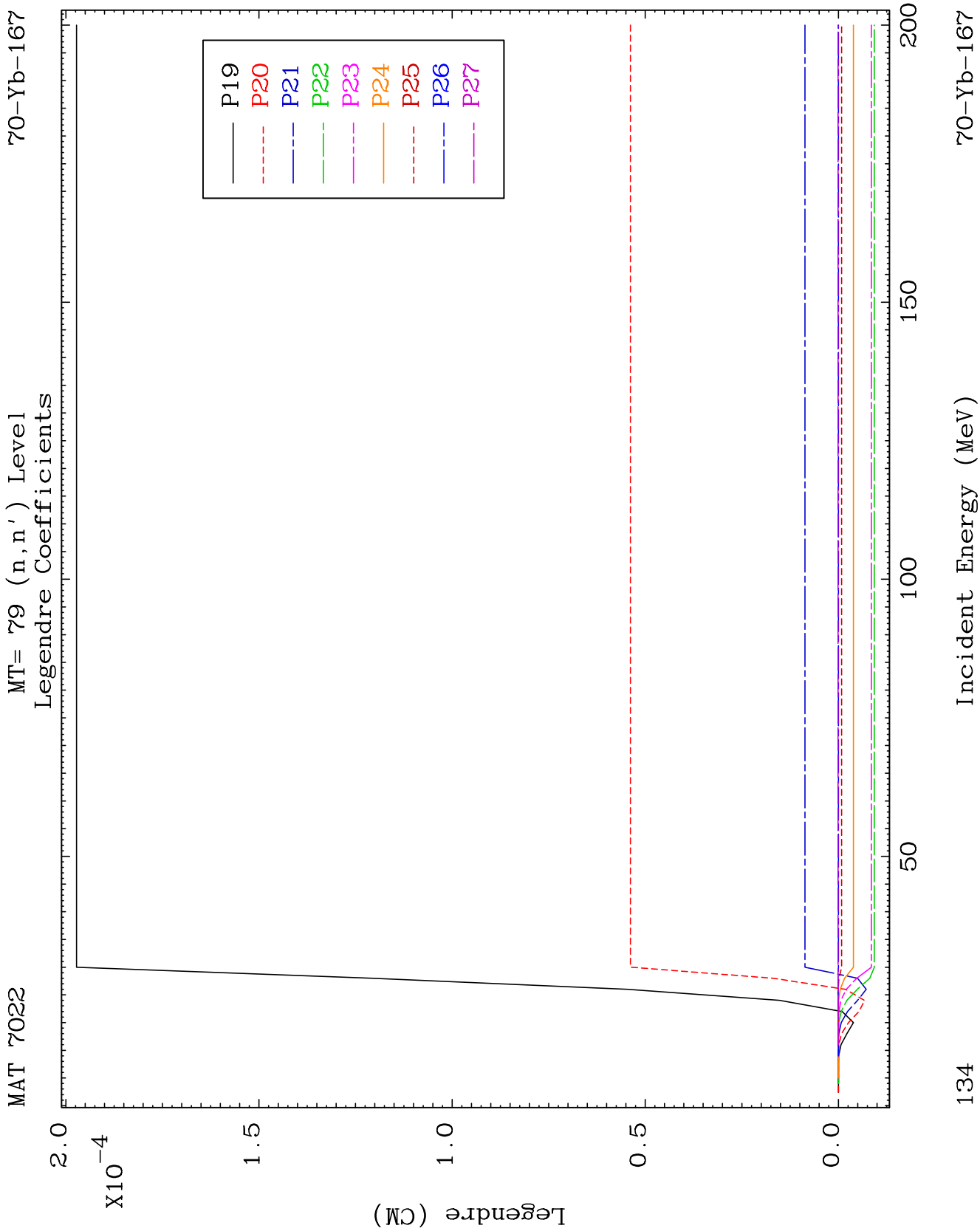


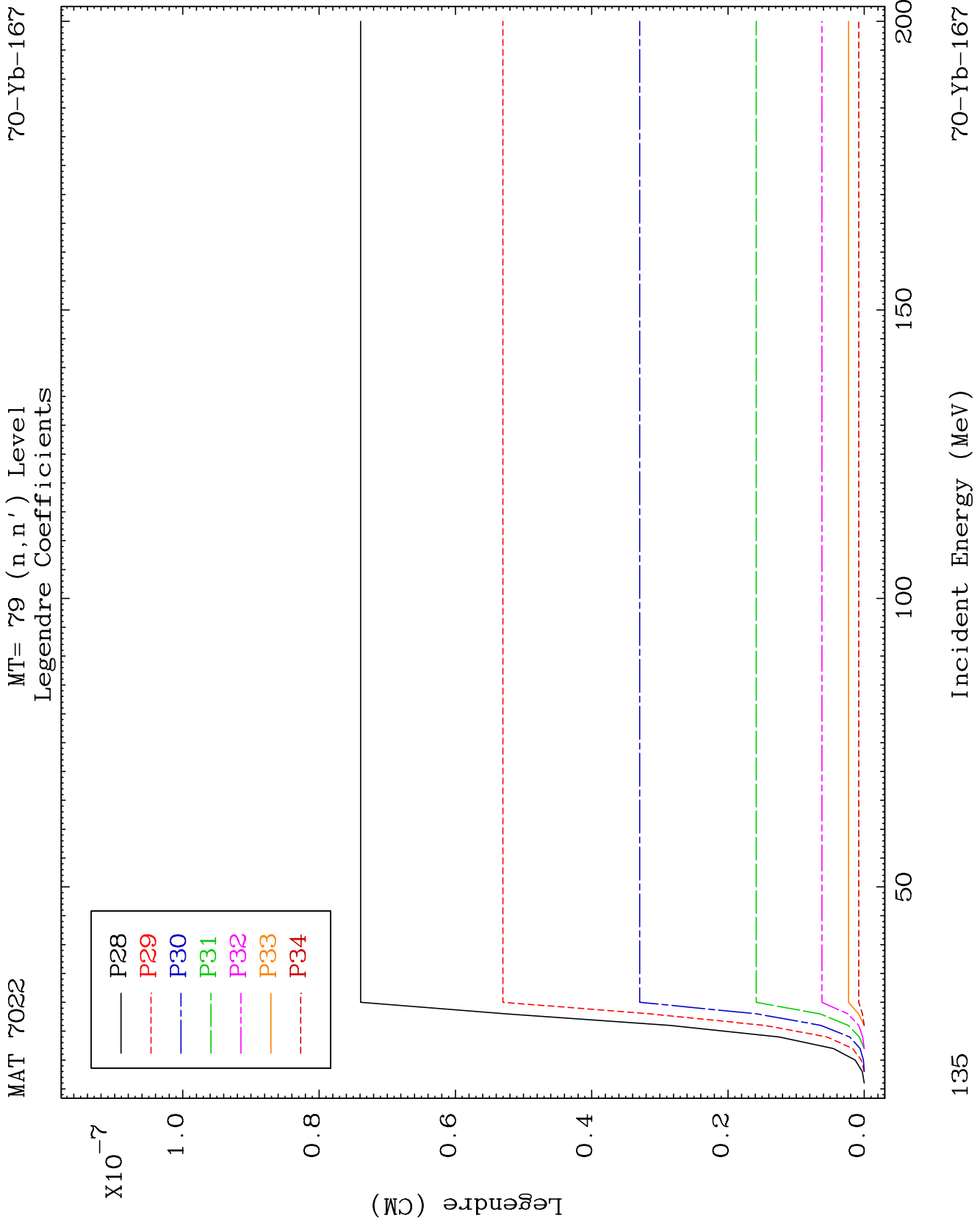
MAT 7022

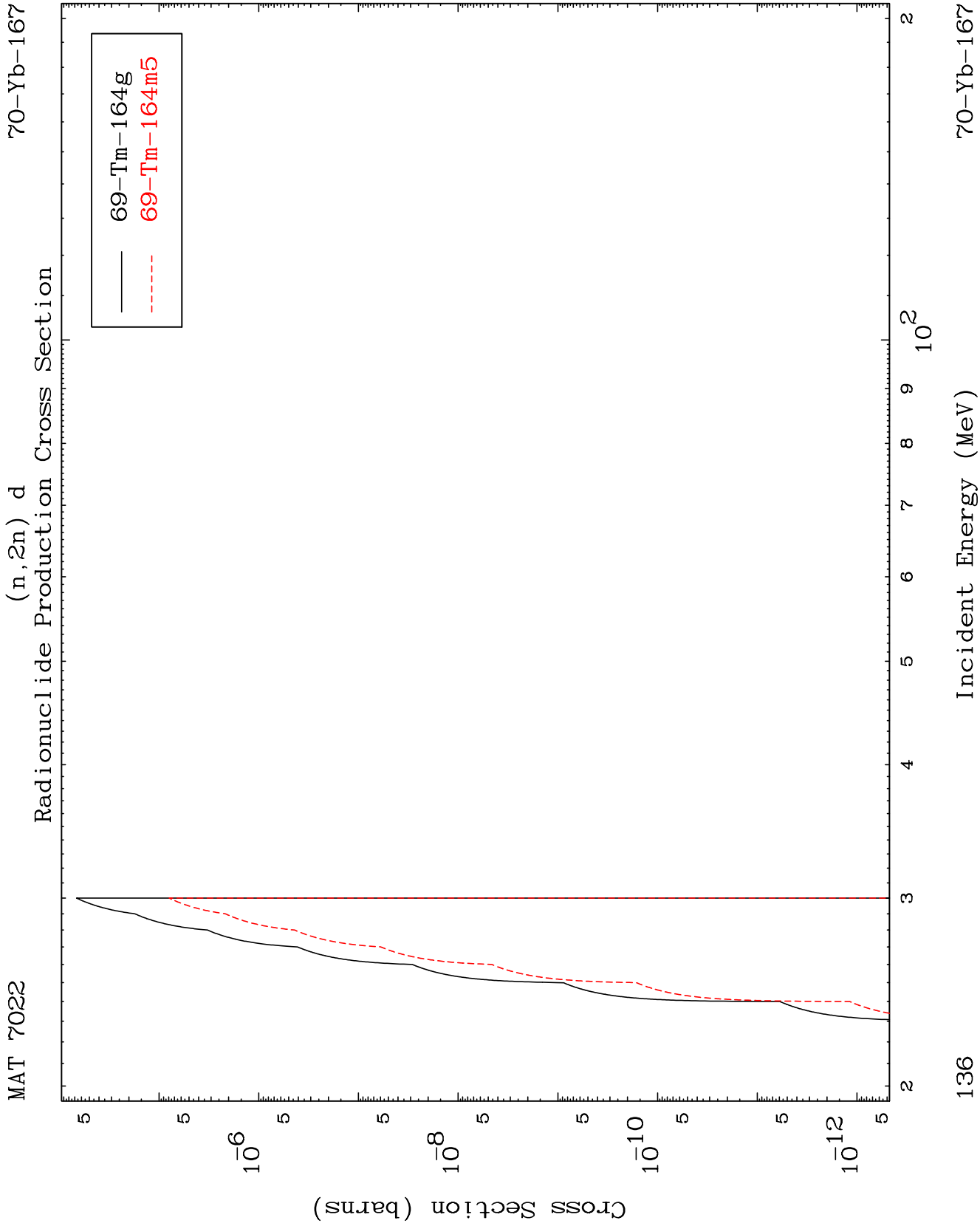
MT= 79 (n, n') Level  
Legendre Coefficients

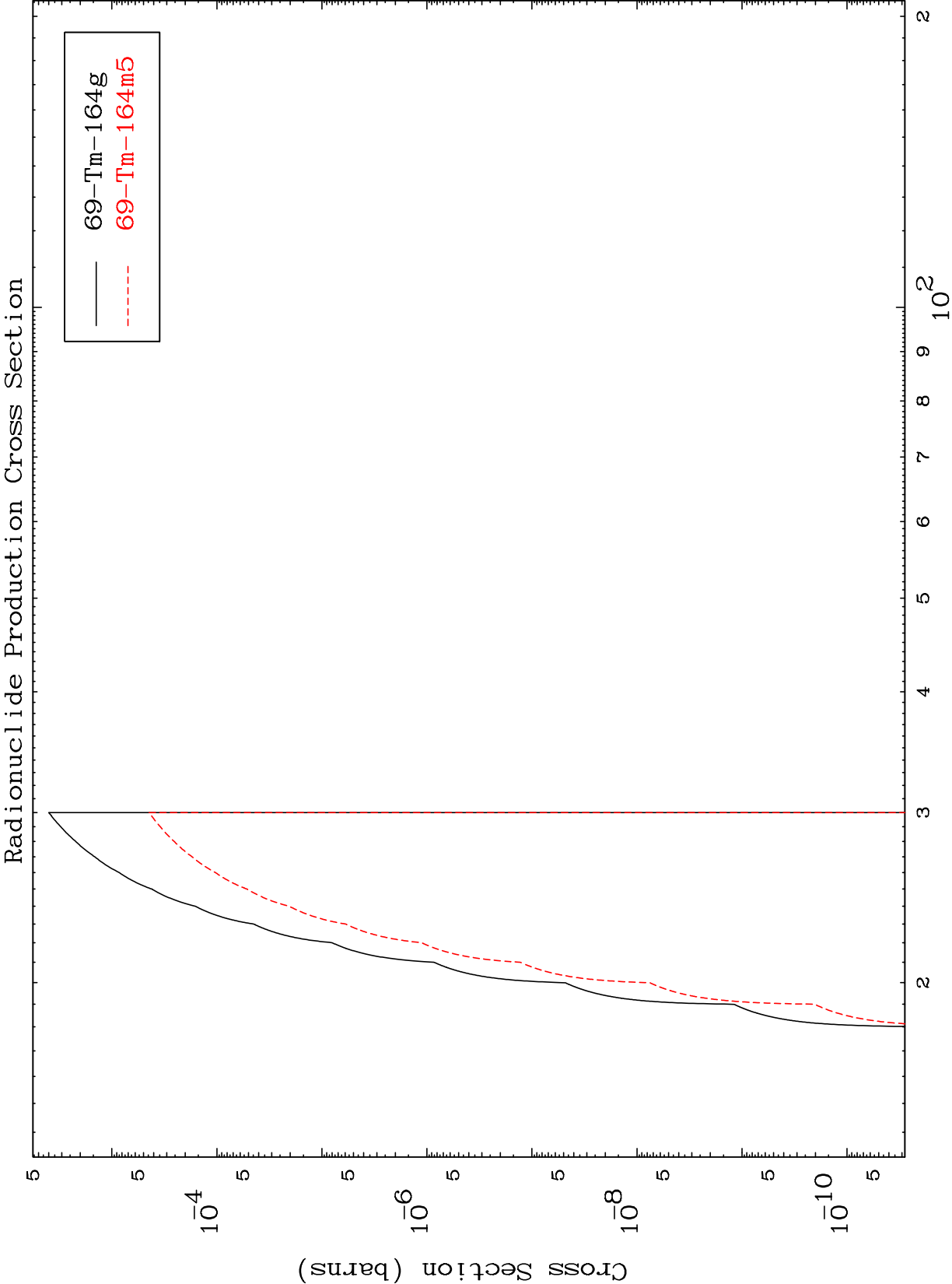
70-Yb-167

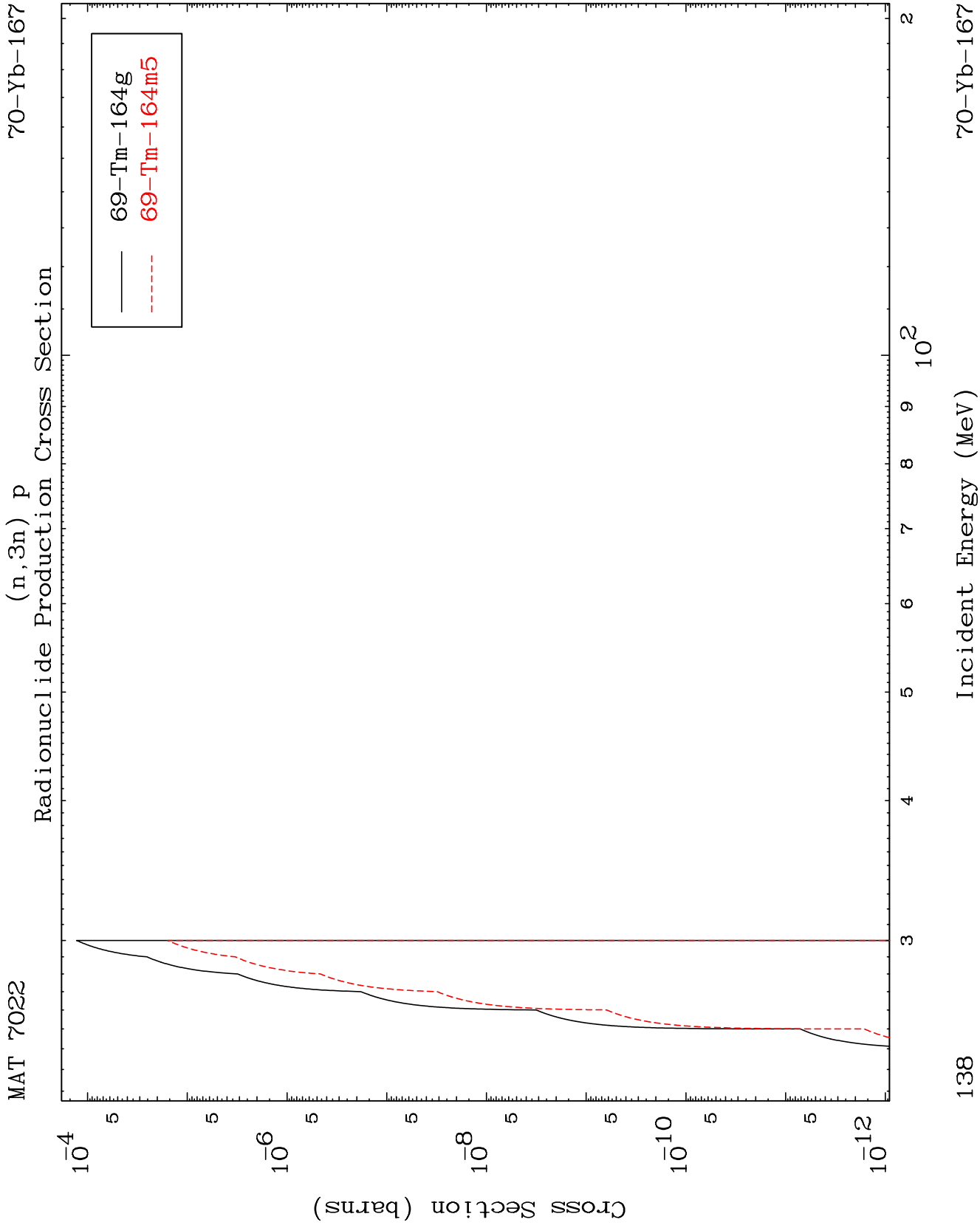




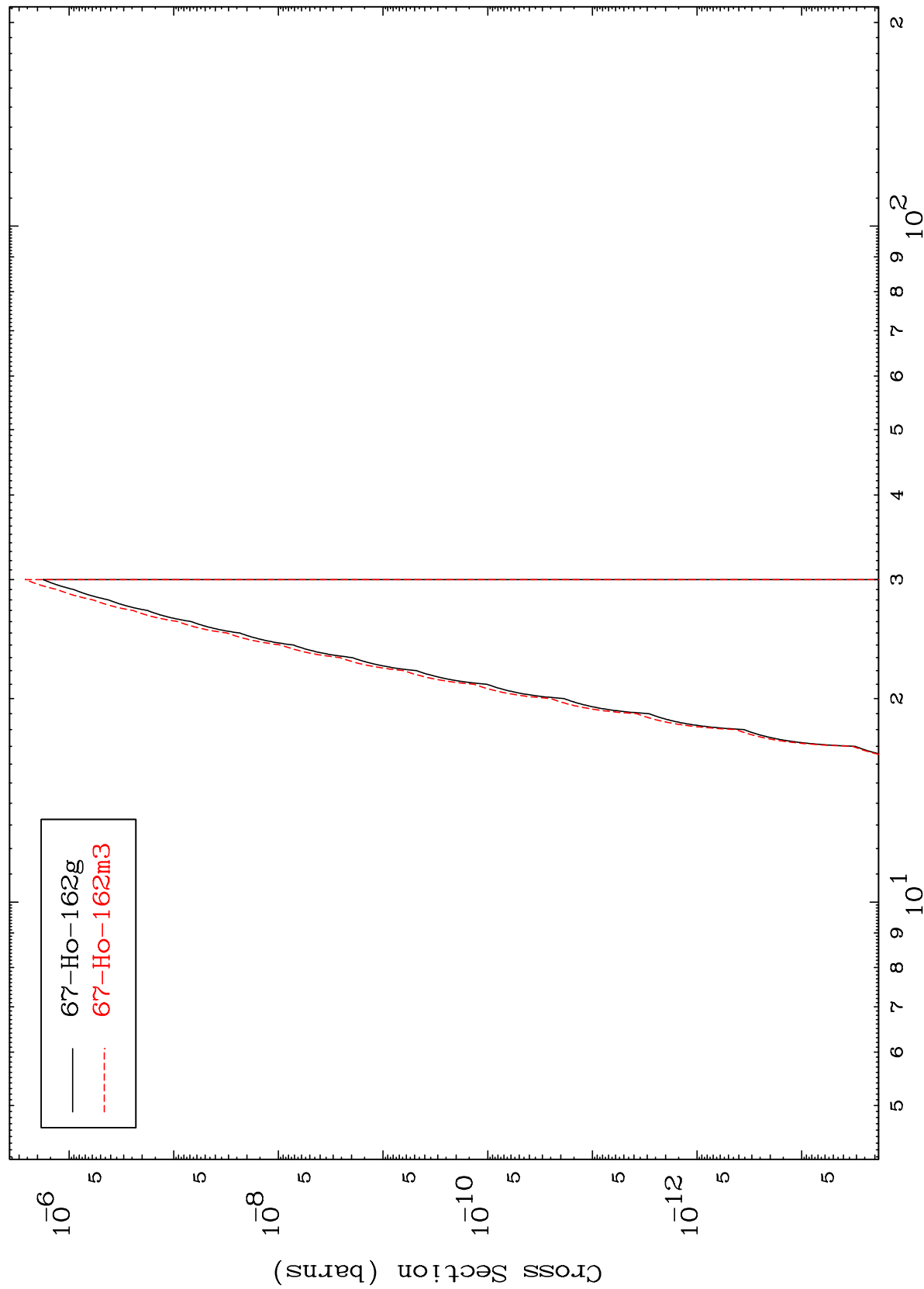








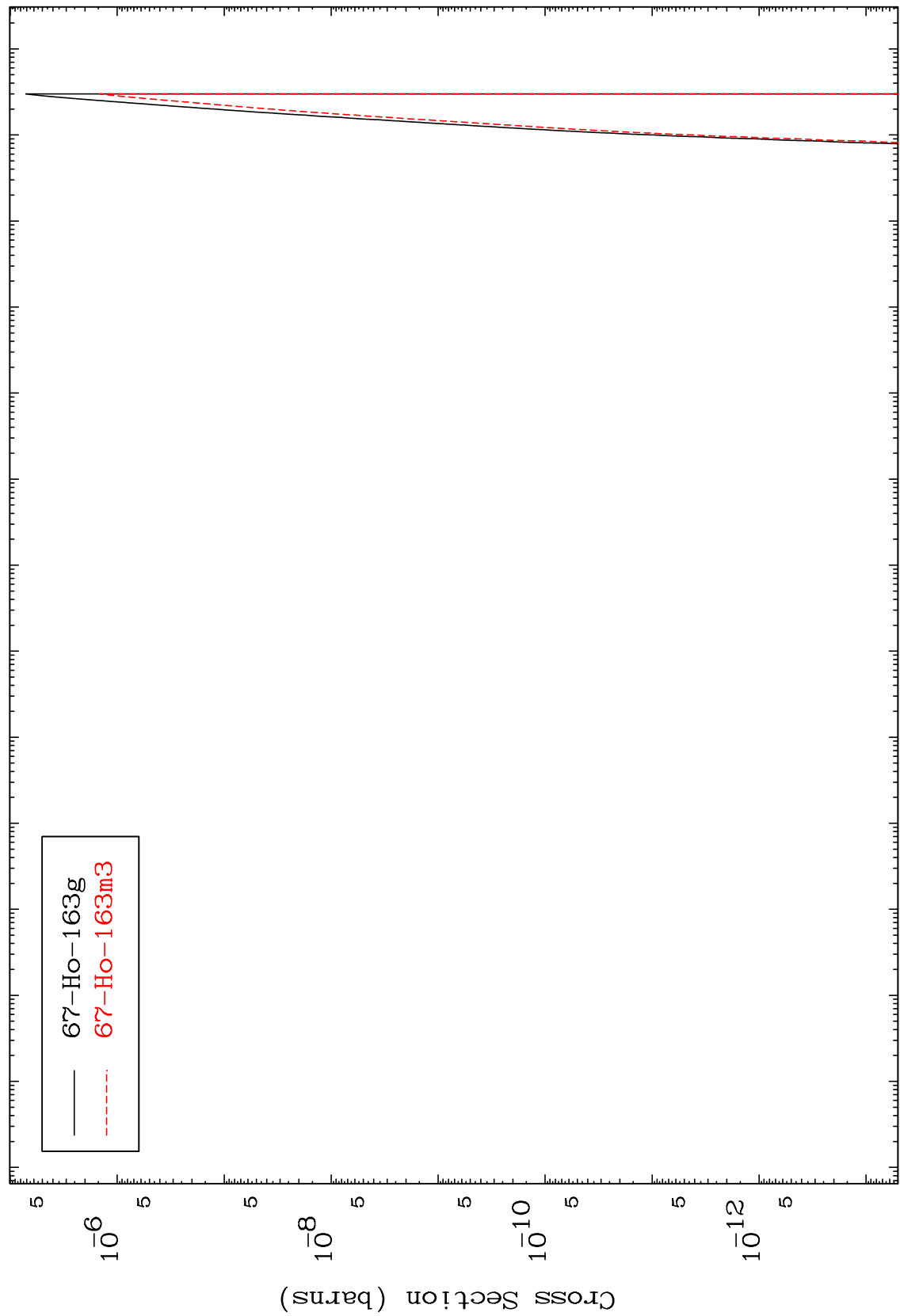
(n,n') p  $\alpha$   
Radionuclide Production Cross Section



MAT 7022

$^{70}\text{Yb-167}$

$(n,p) \alpha$   
Radionuclide Production Cross Section



140

$^{70}\text{Yb-167}$

