

Program EVALPLOT  
(Version 2021-1)

by

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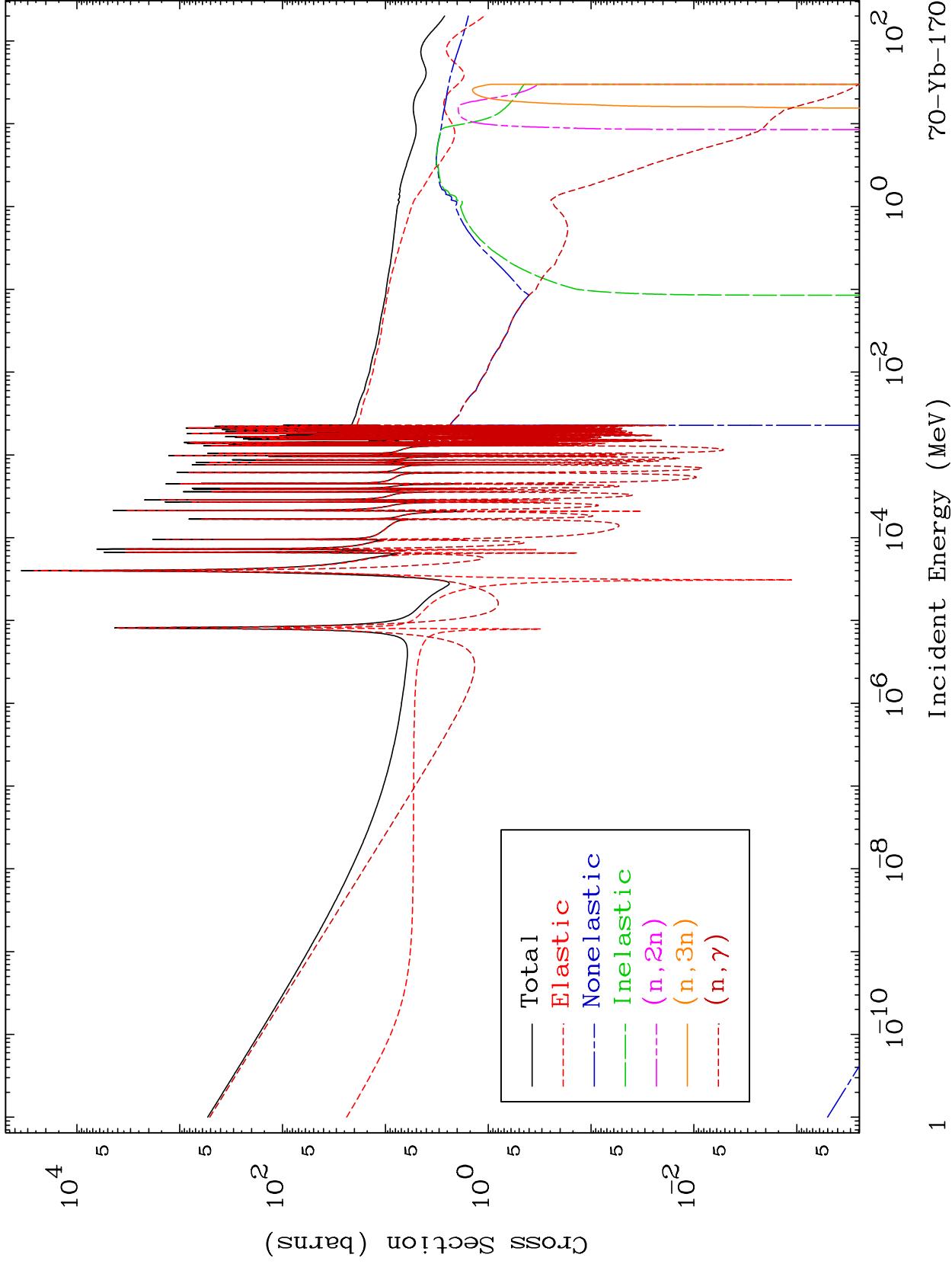
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Press Mouse Button to Start

MAT 7031

Neutron Major  
293 Kelvin Cross Sections

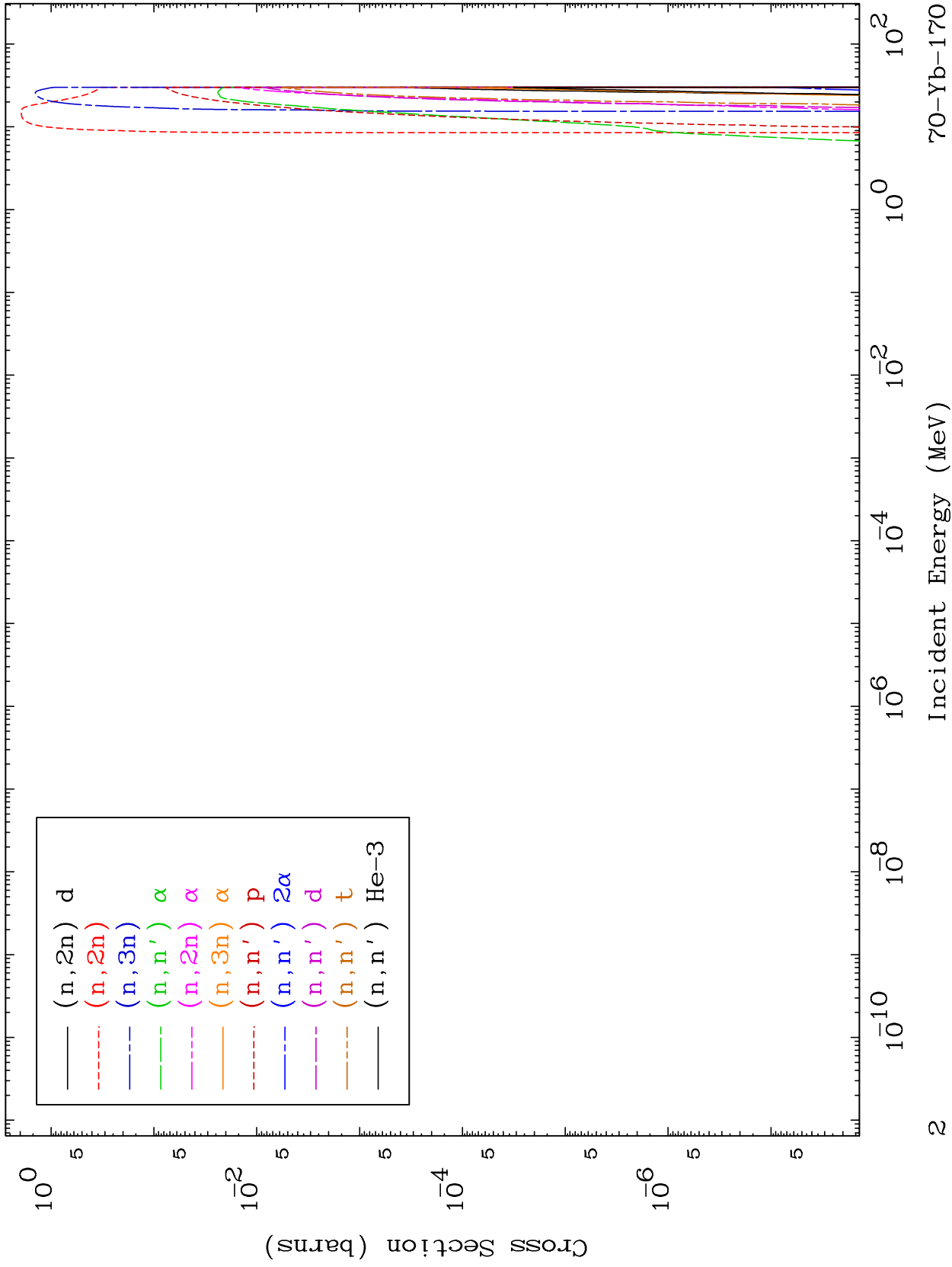
70-Yb-170

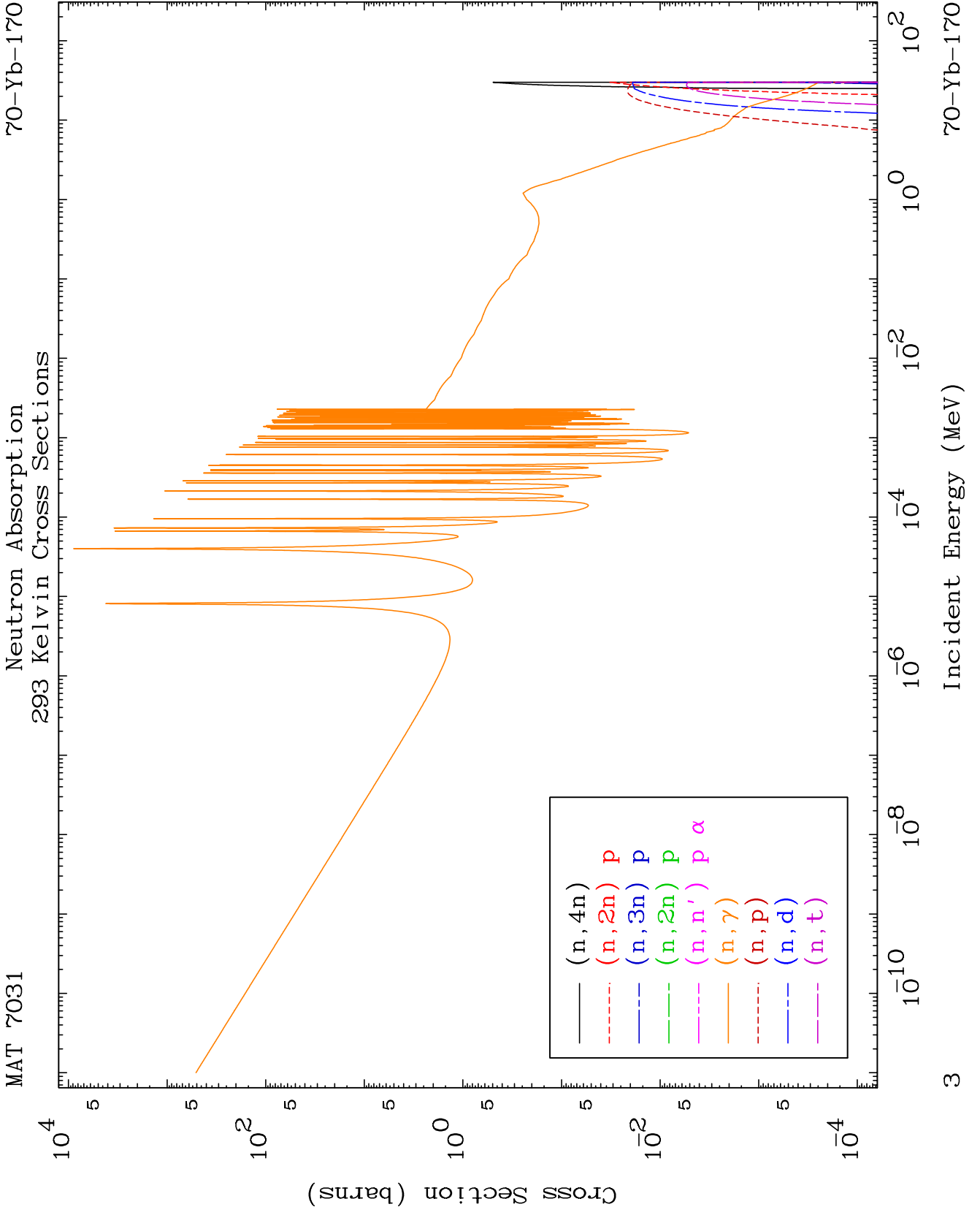


MAT 7031

Neutron Absorption  
293 Kelvin Cross Sections

70-Yb-170

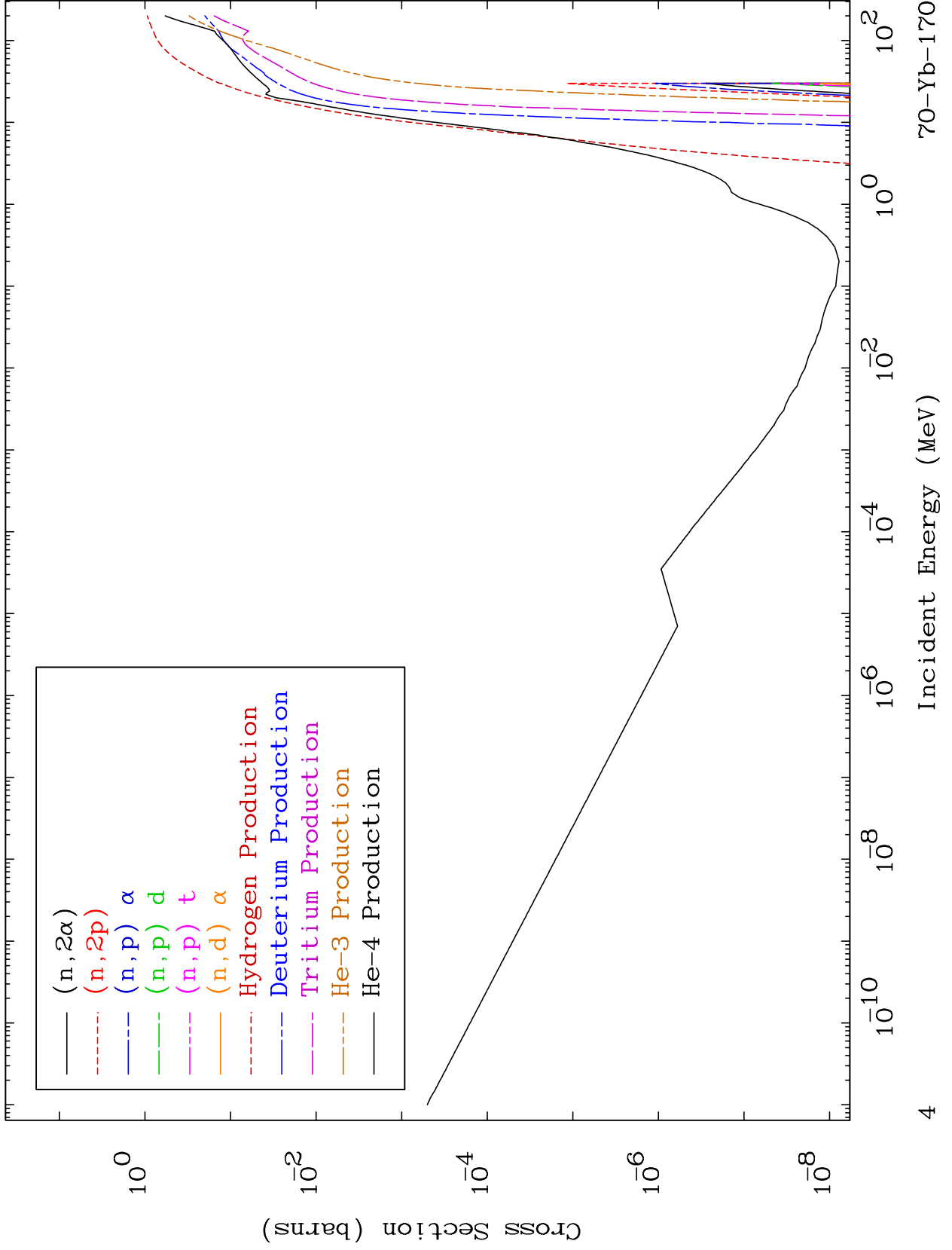




MAT 7031

Neutron Absorption  
293 Kelvin Cross Sections

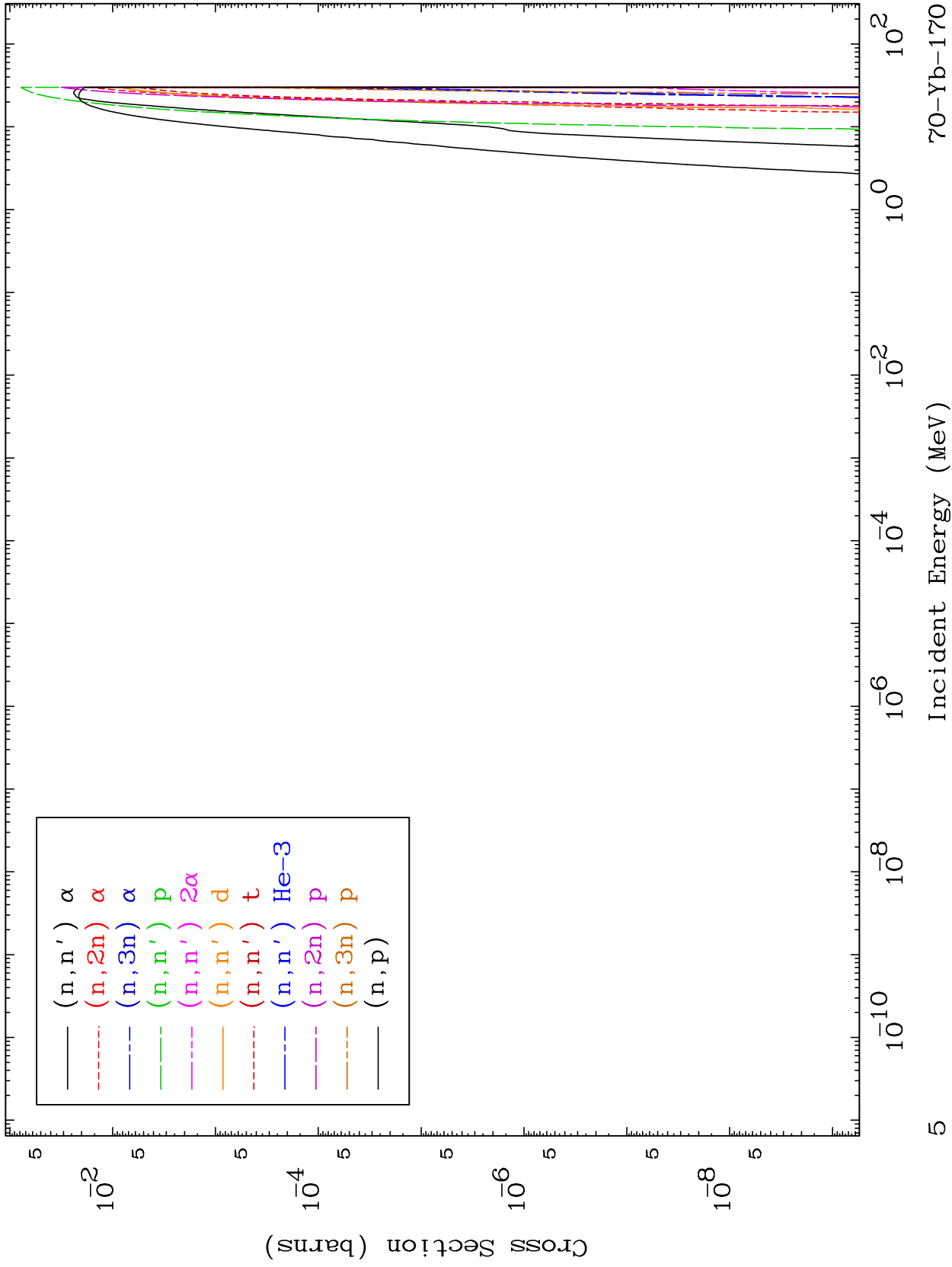
70-Yb-170



MAT 7031

Charged Particle  
293 Kelvin Cross Sections

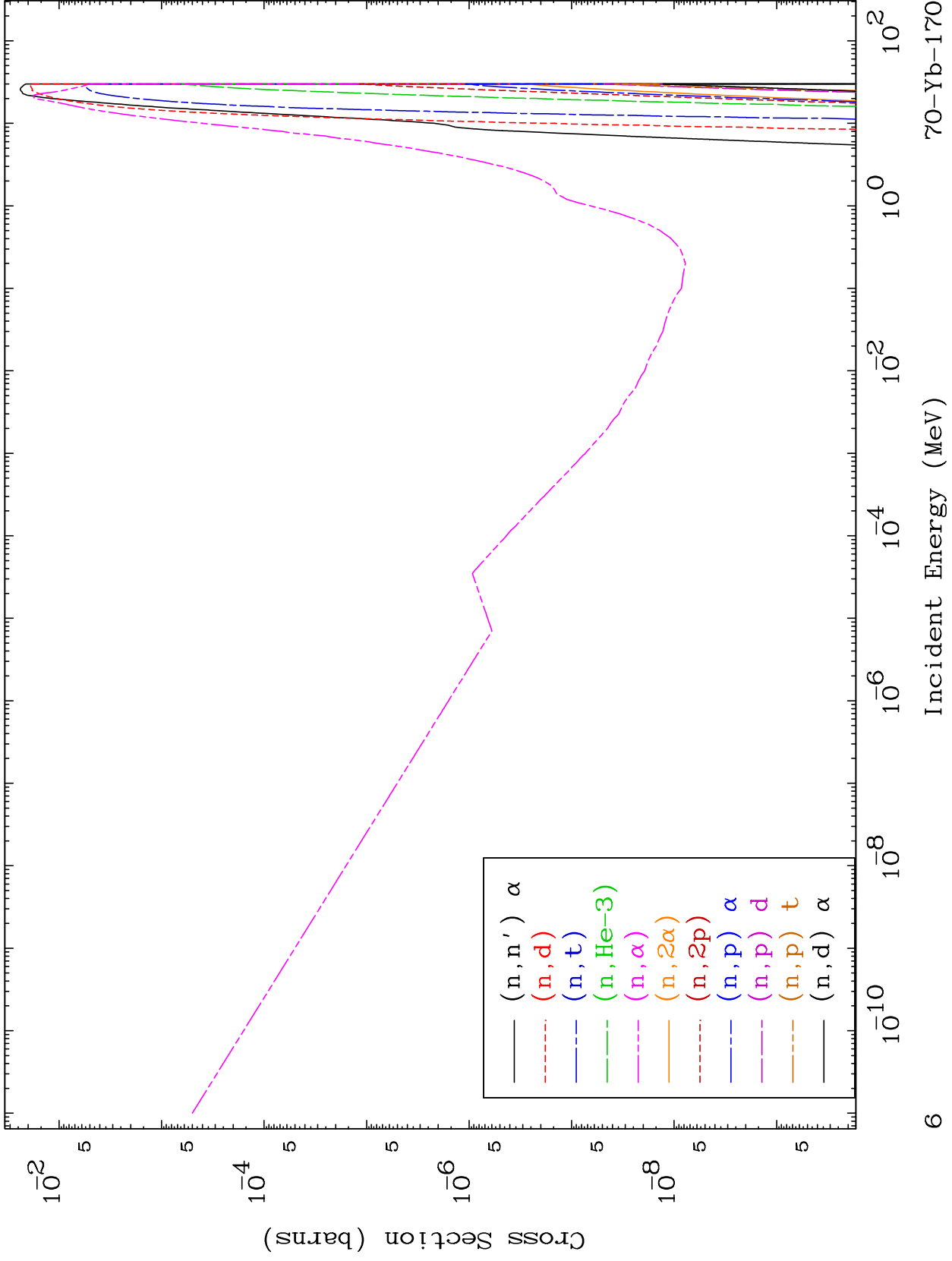
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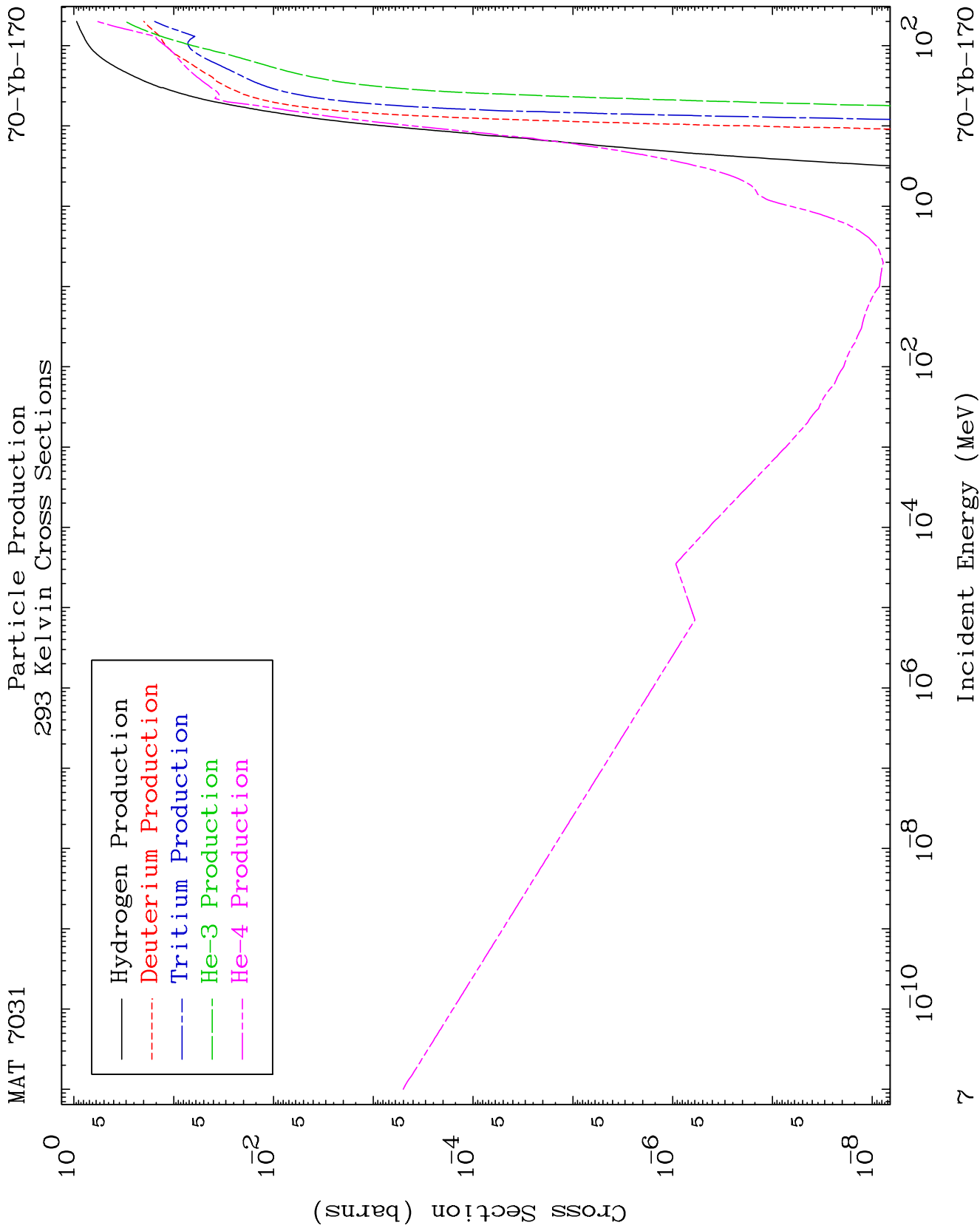


MAT 7031

Charged Particle  
293 Kelvin Cross Sections

70-Yb-170





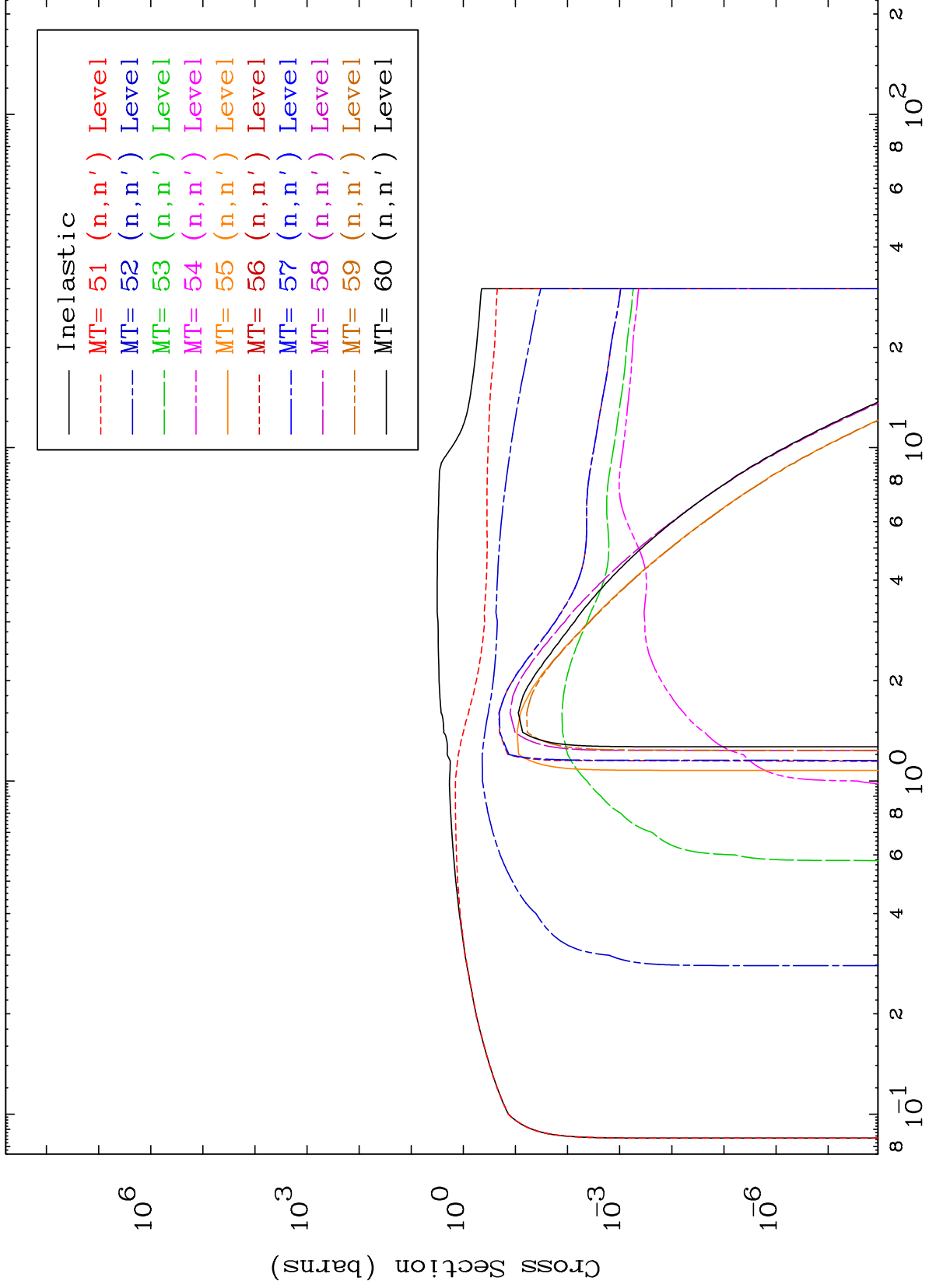


MAT 7031

(n,n') Levels

70-Yb-170

293 Kelvin Cross Sections



Incident Energy (MeV)

70-Yb-170

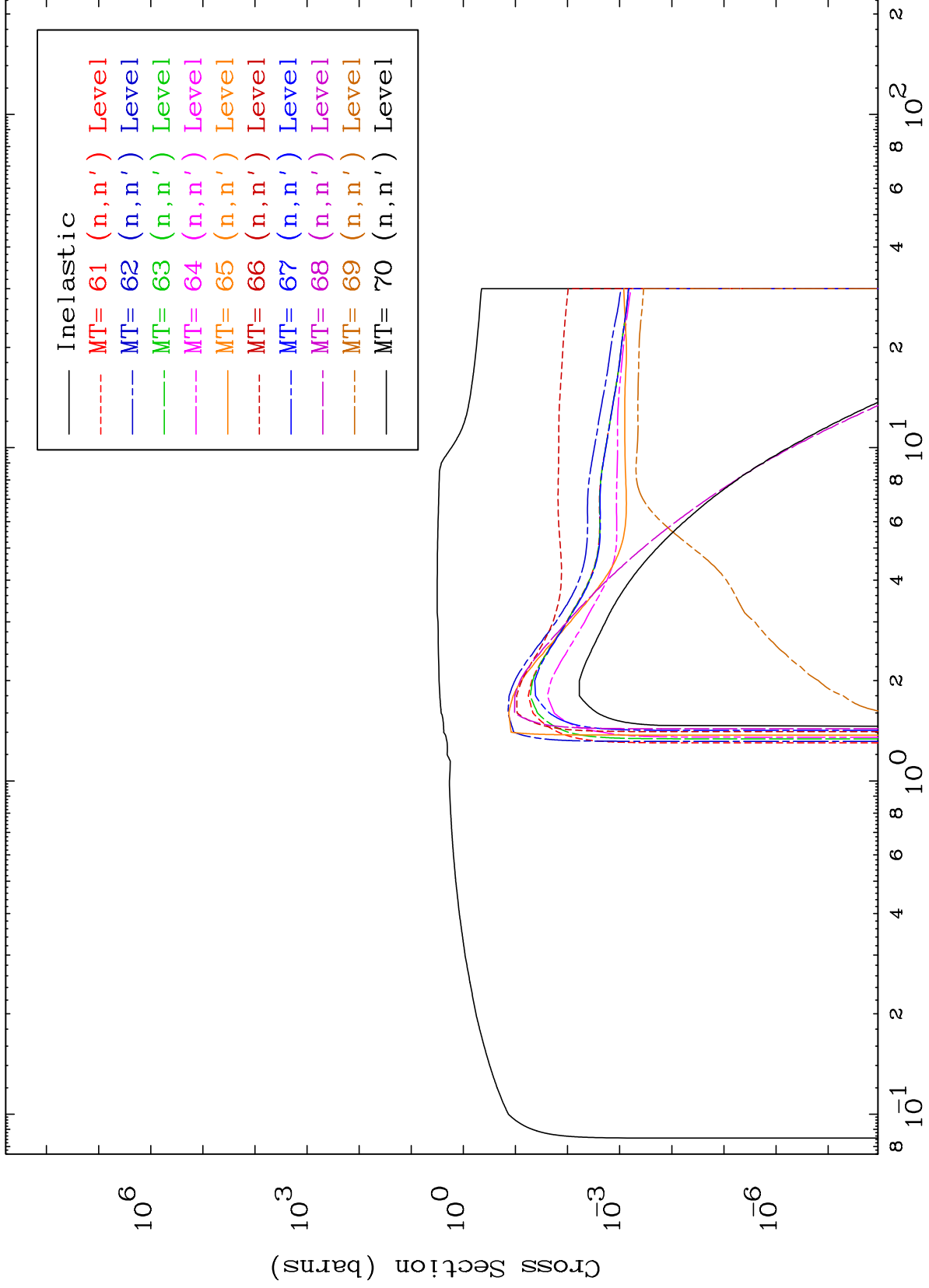
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MAT 7031

(n,n') Levels

70-Yb-170

293 Kelvin Cross Sections



9

Incident Energy (MeV)

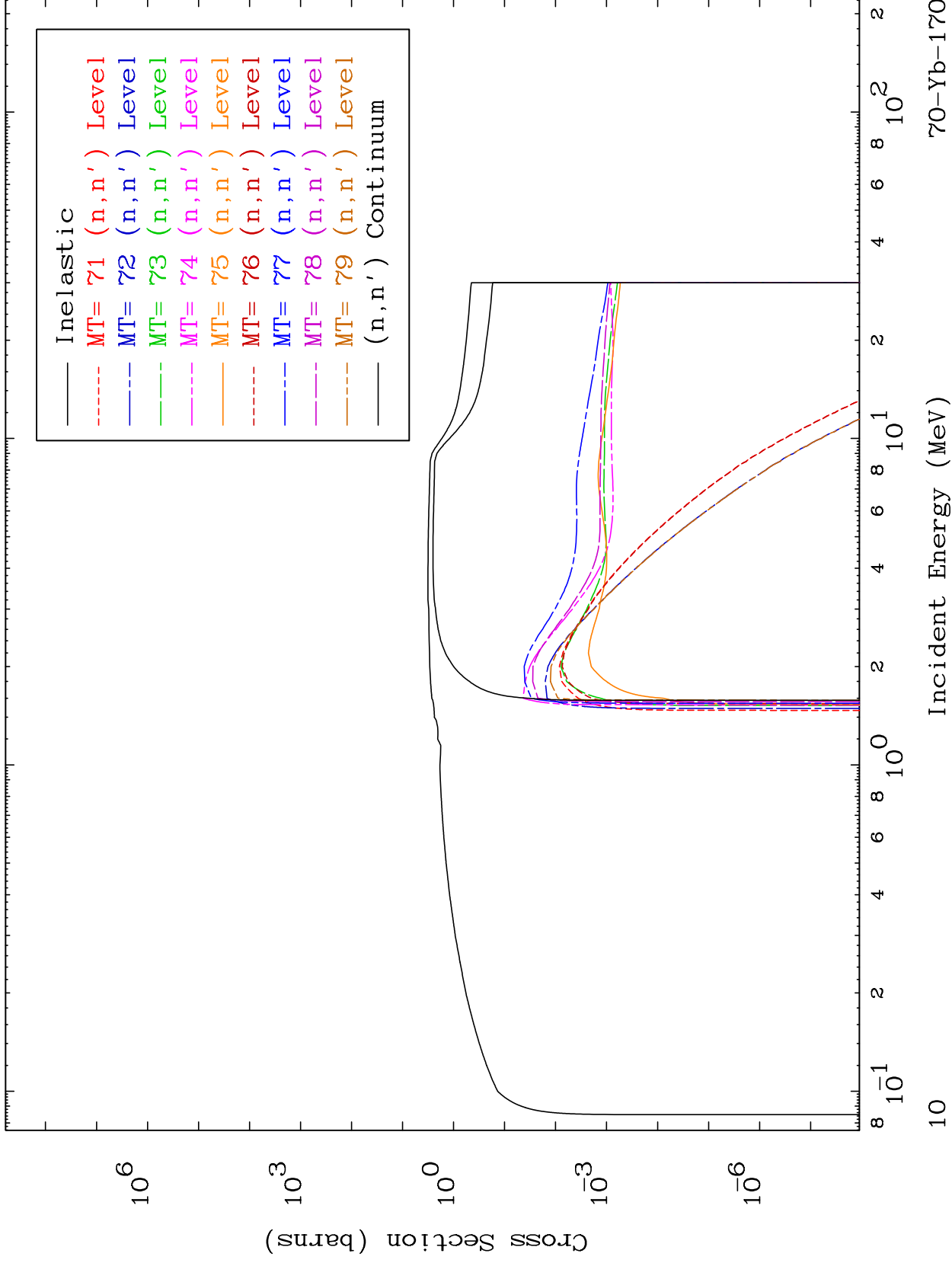
70-Yb-170

MAT 7031

(n,n') Levels

70-Yb-170

293 Kelvin Cross Sections



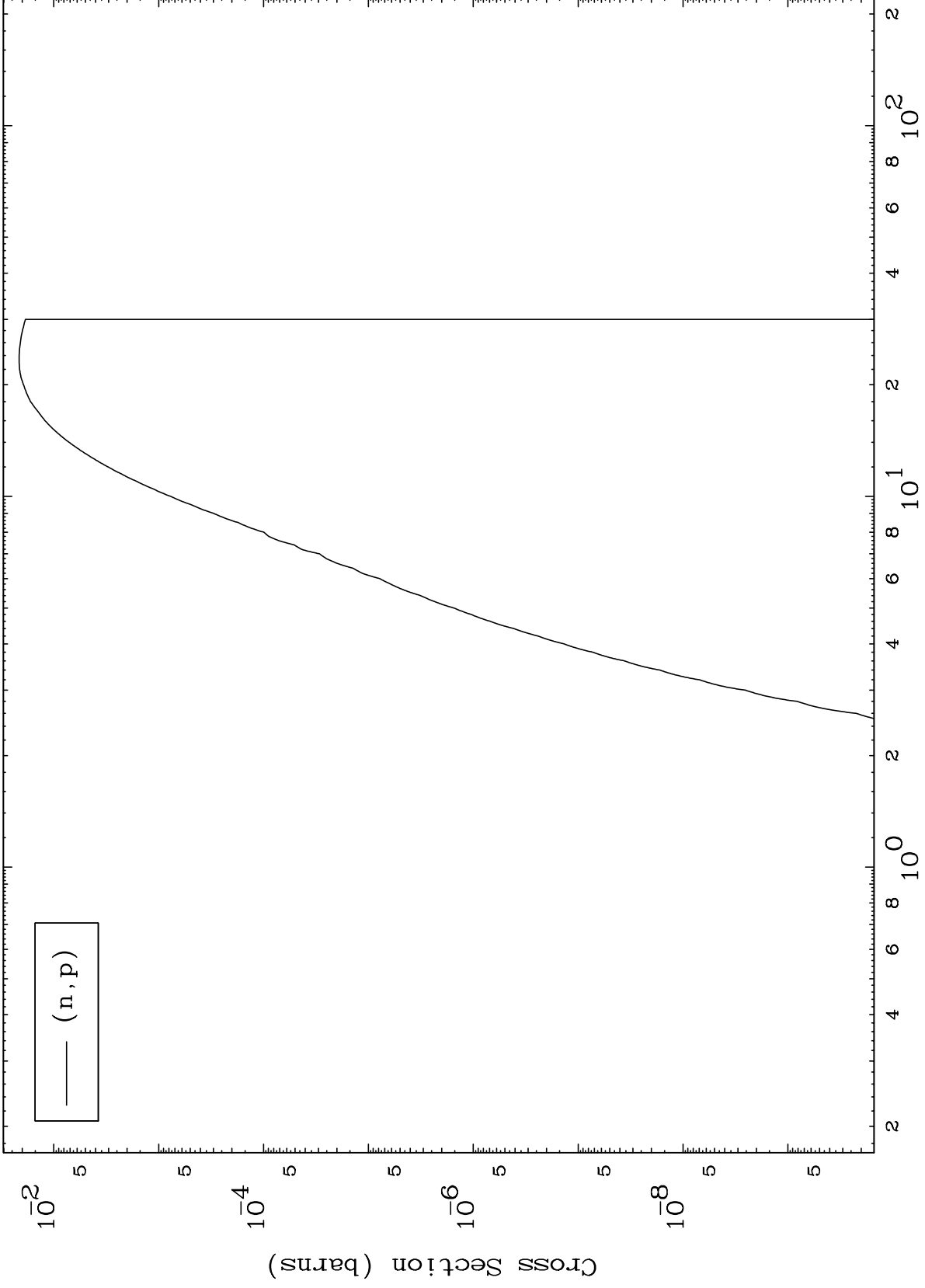
Incident Energy (MeV)

70-Yb-170

MAT 7031

(n,p) Levels  
293 Kelvin Cross Sections

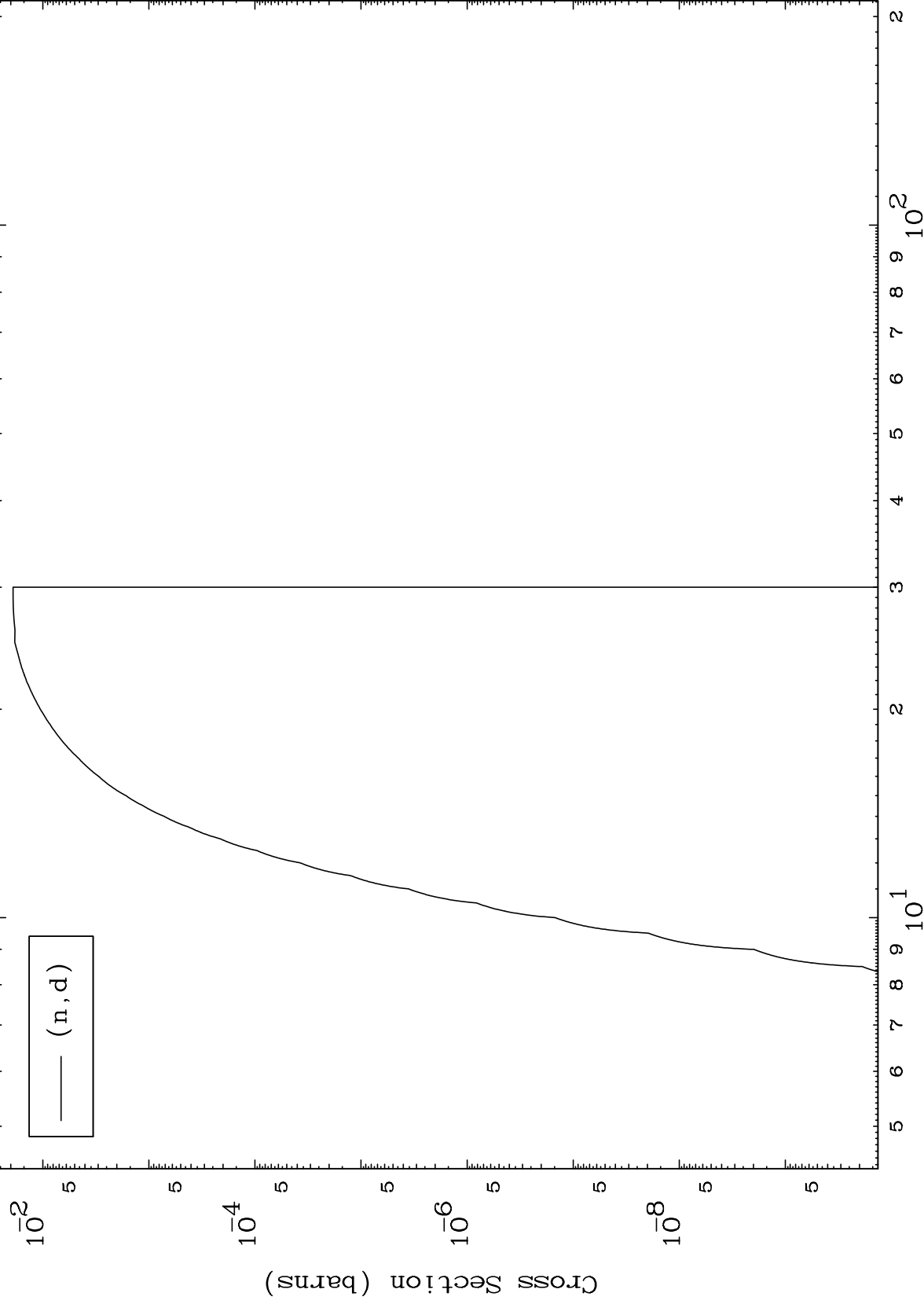
70-Yb-170



MAT 7031

(n,d) Levels  
293 Kelvin Cross Sections

70-Yb-170



12

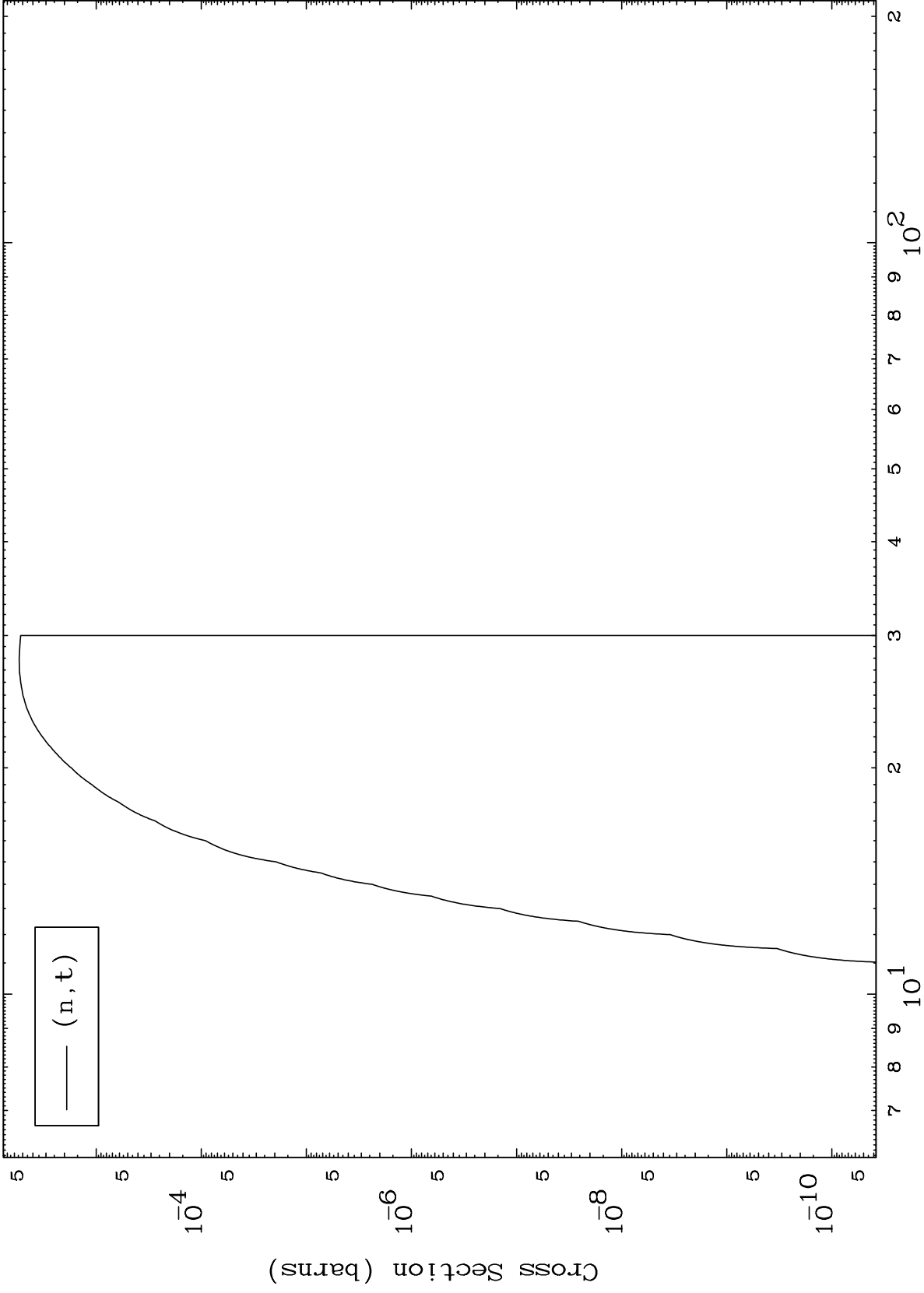
Incident Energy (MeV)

70-Yb-170

MAT 7031

(n,t) Levels  
293 Kelvin Cross Sections

70-Yb-170



13

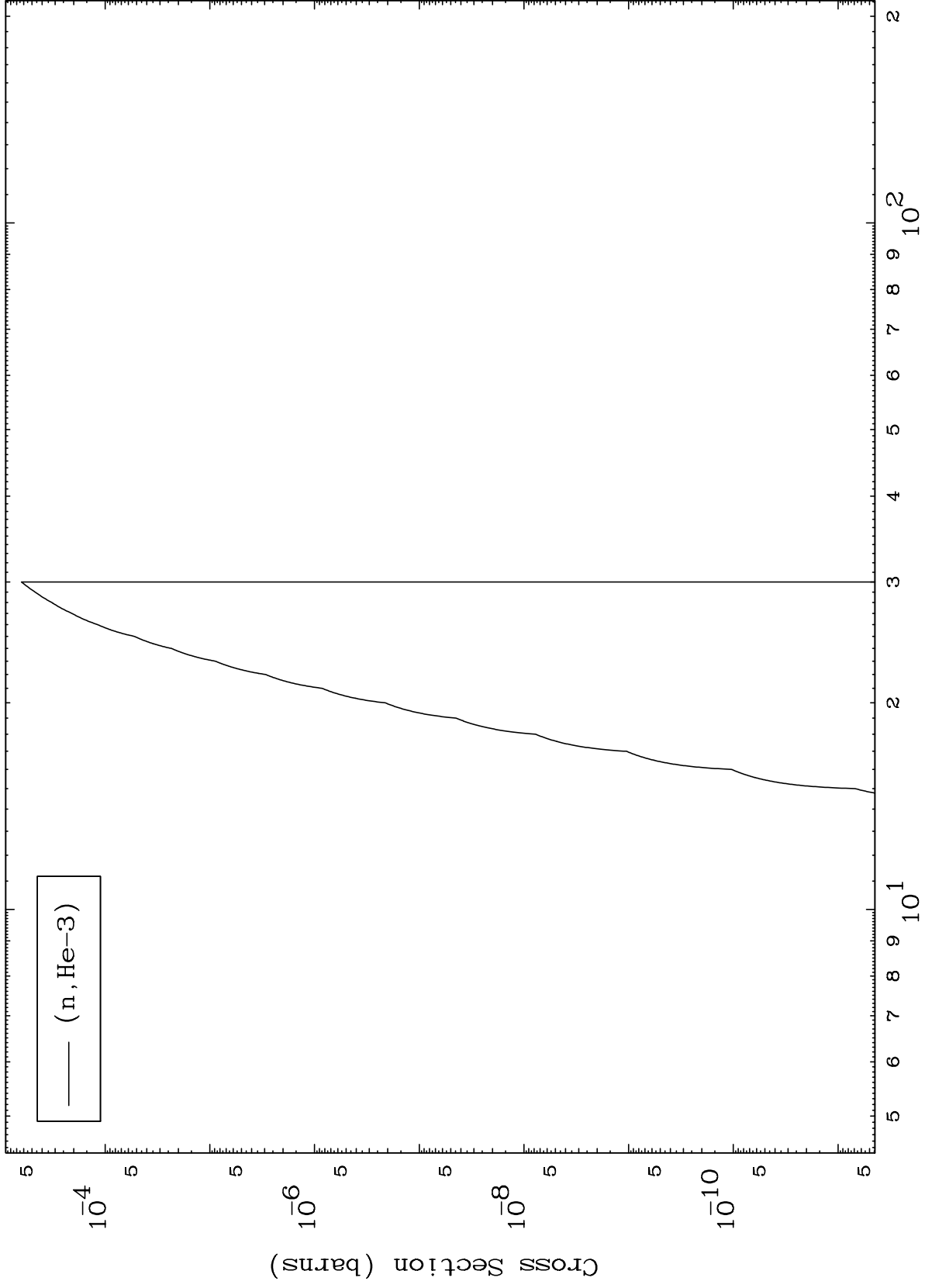
Incident Energy (MeV)

70-Yb-170

MAT 7031

(n,He3) Levels  
293 Kelvin Cross Sections

70-Yb-170



14

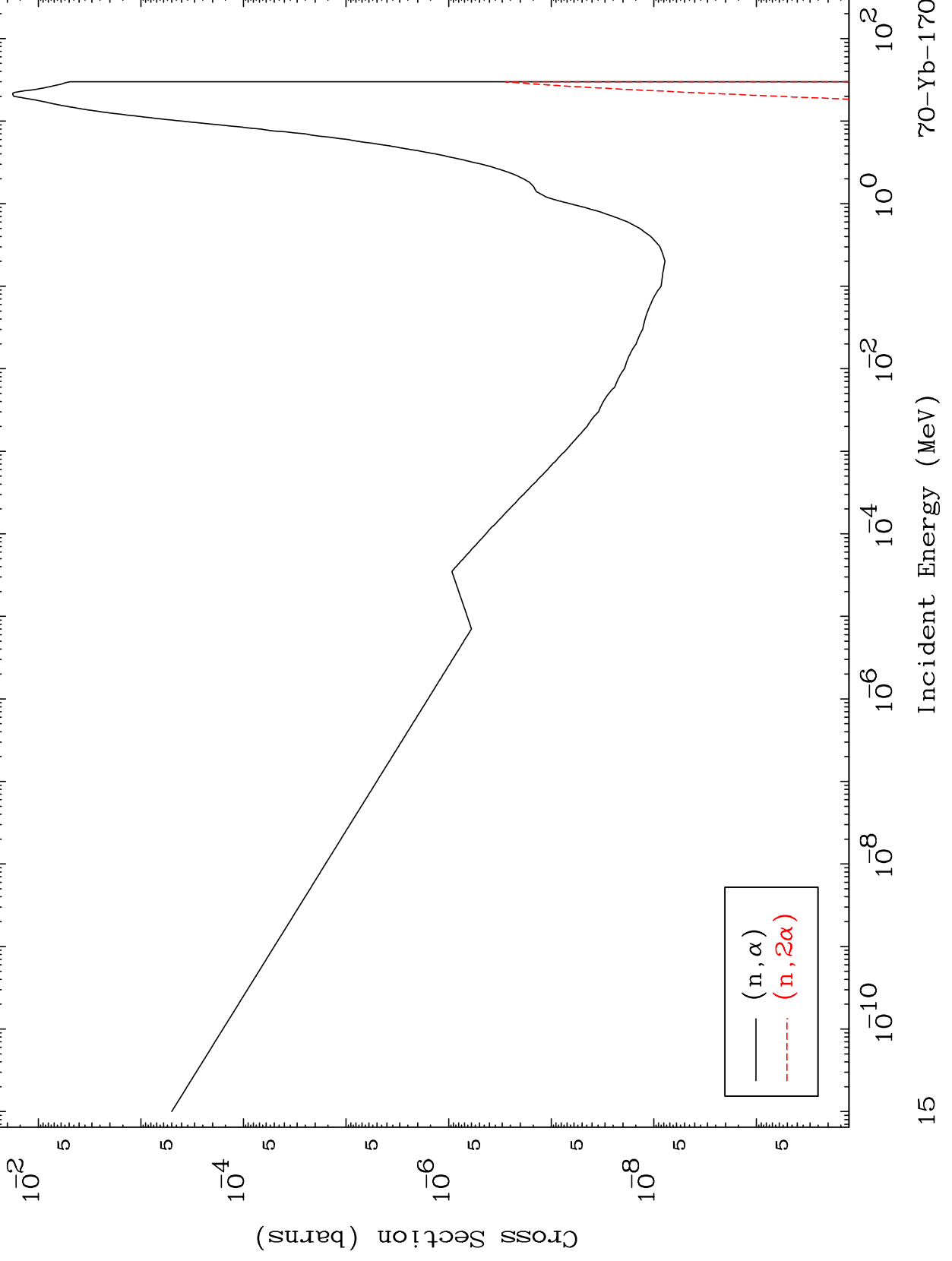
Incident Energy (MeV)

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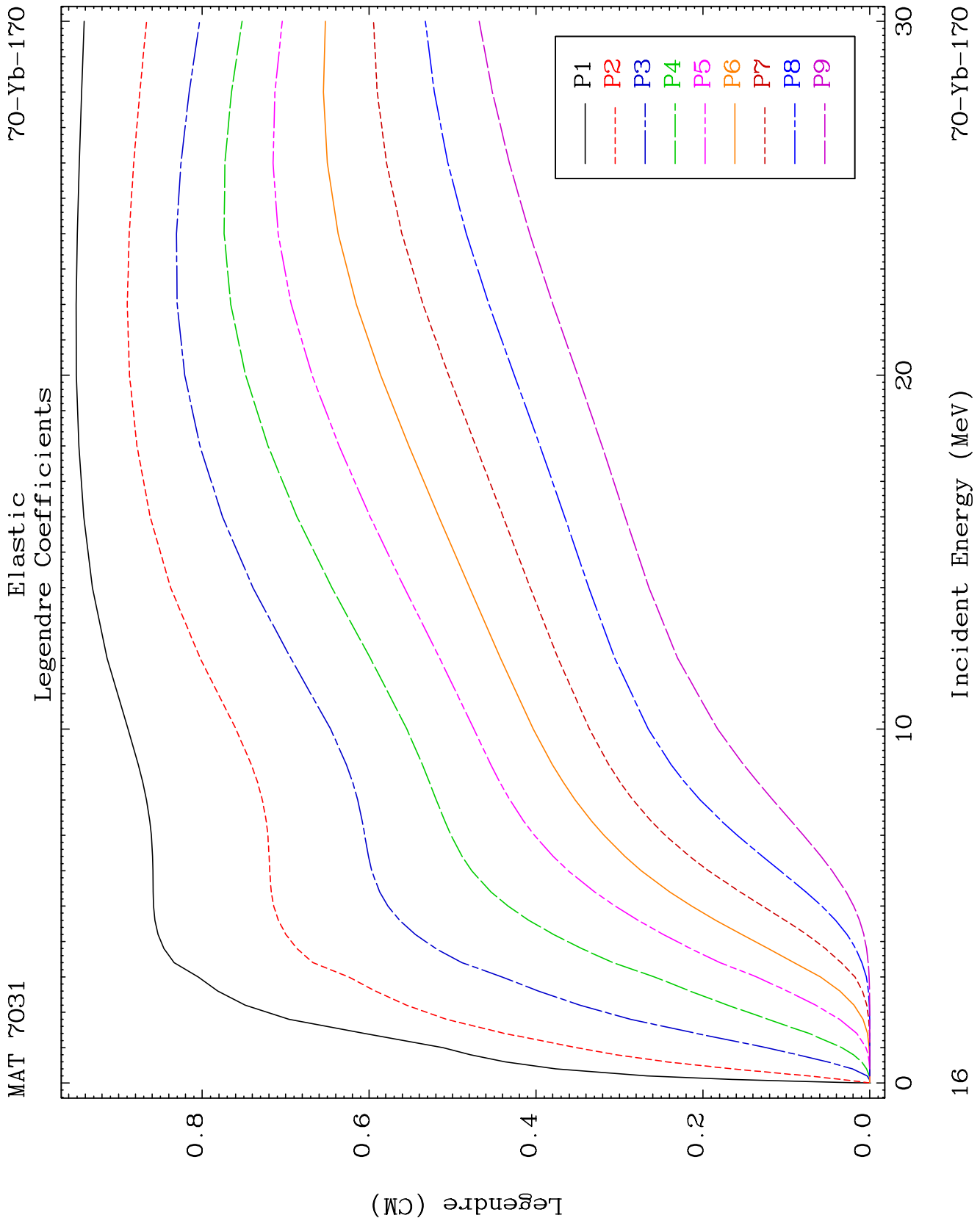
MAT 7031

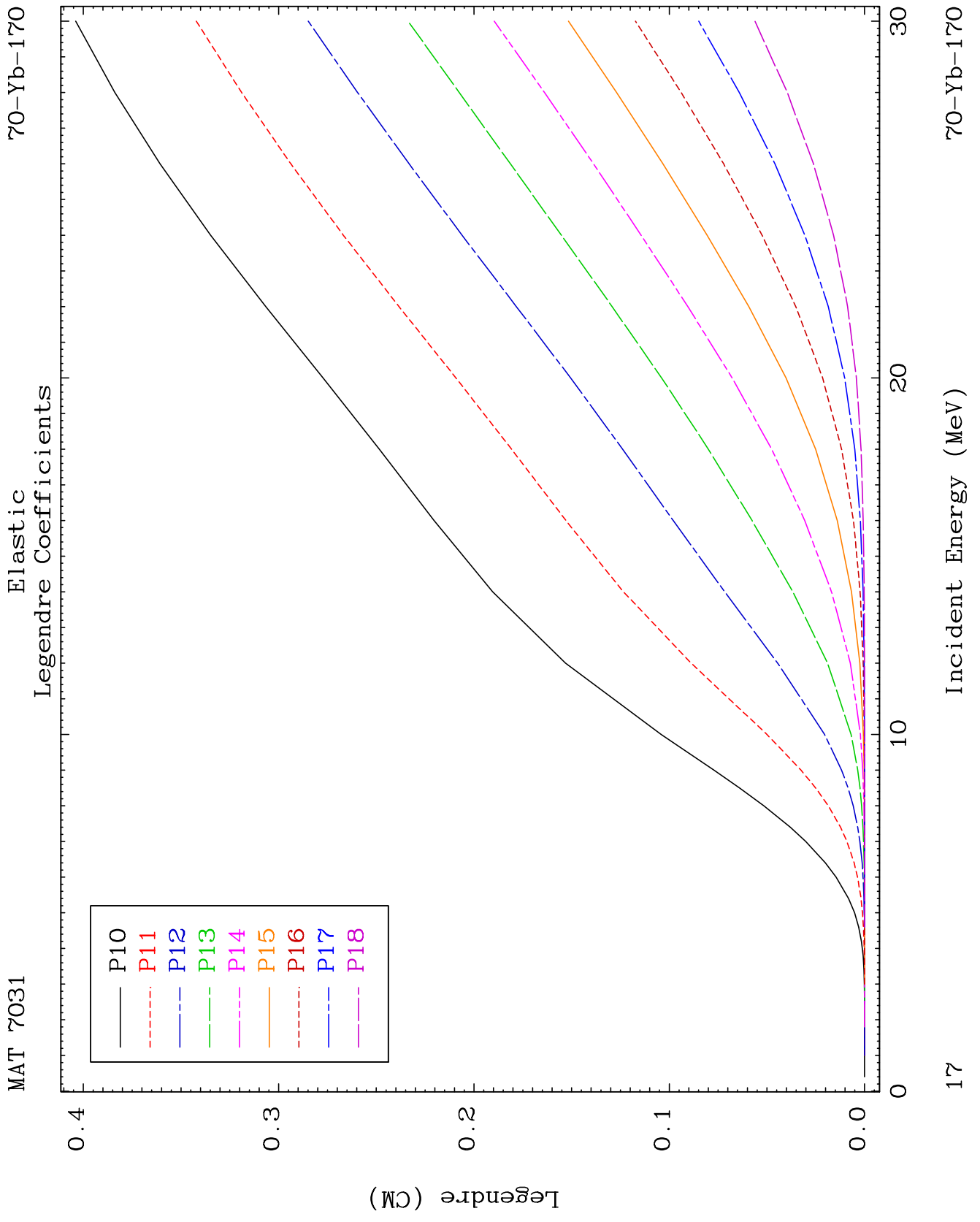
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

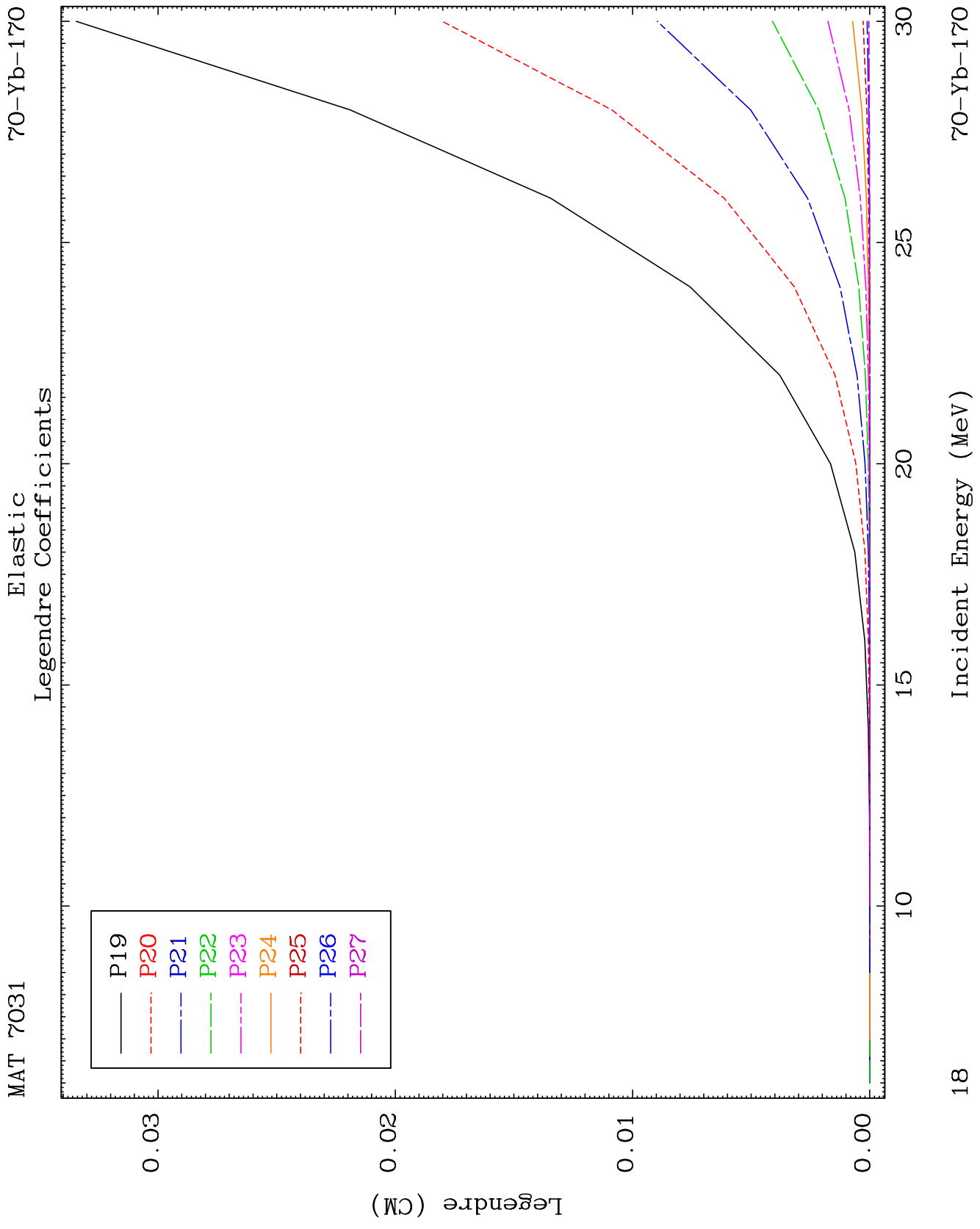
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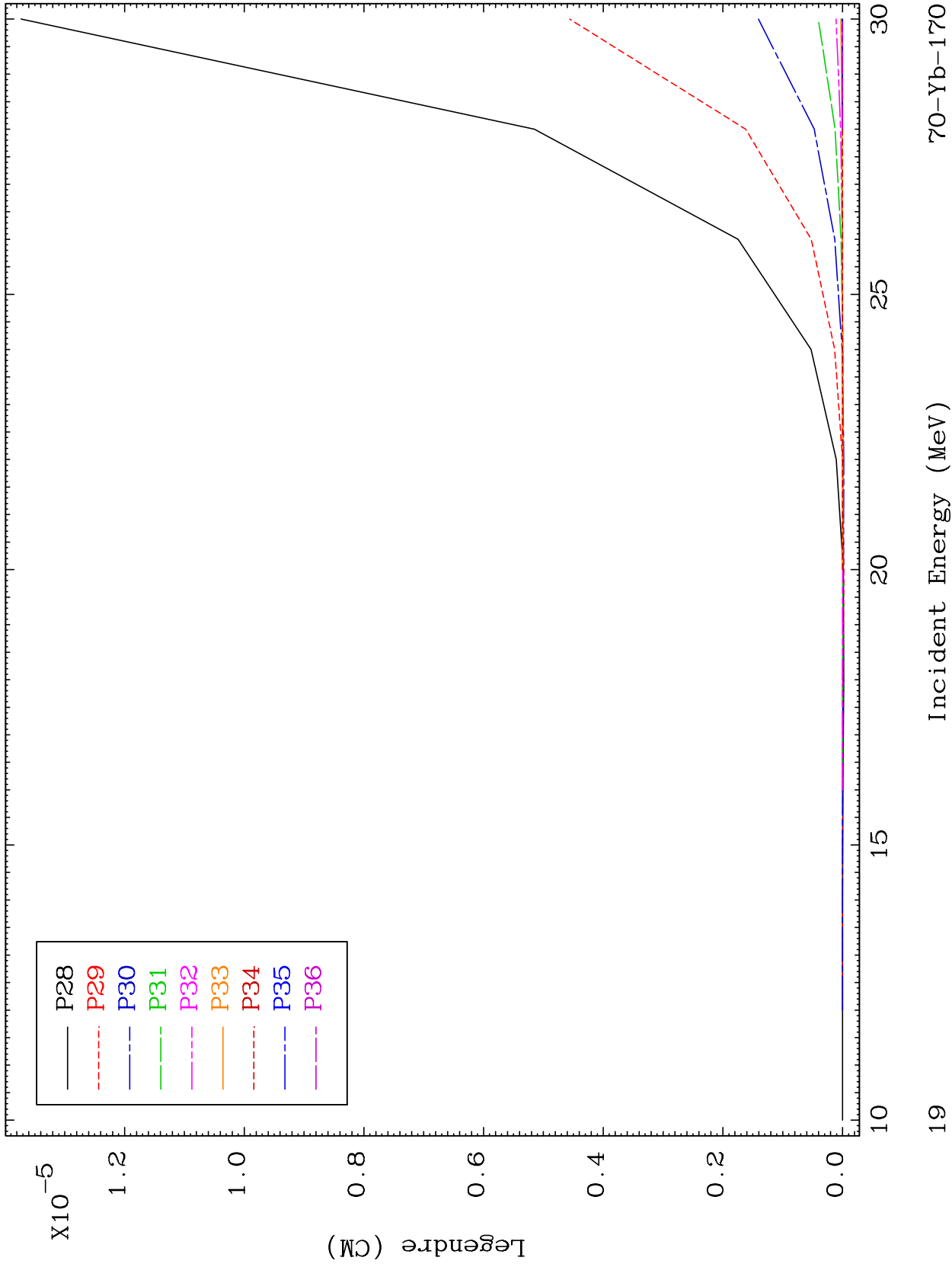




MAT 7031

Elastic Legendre Coefficients

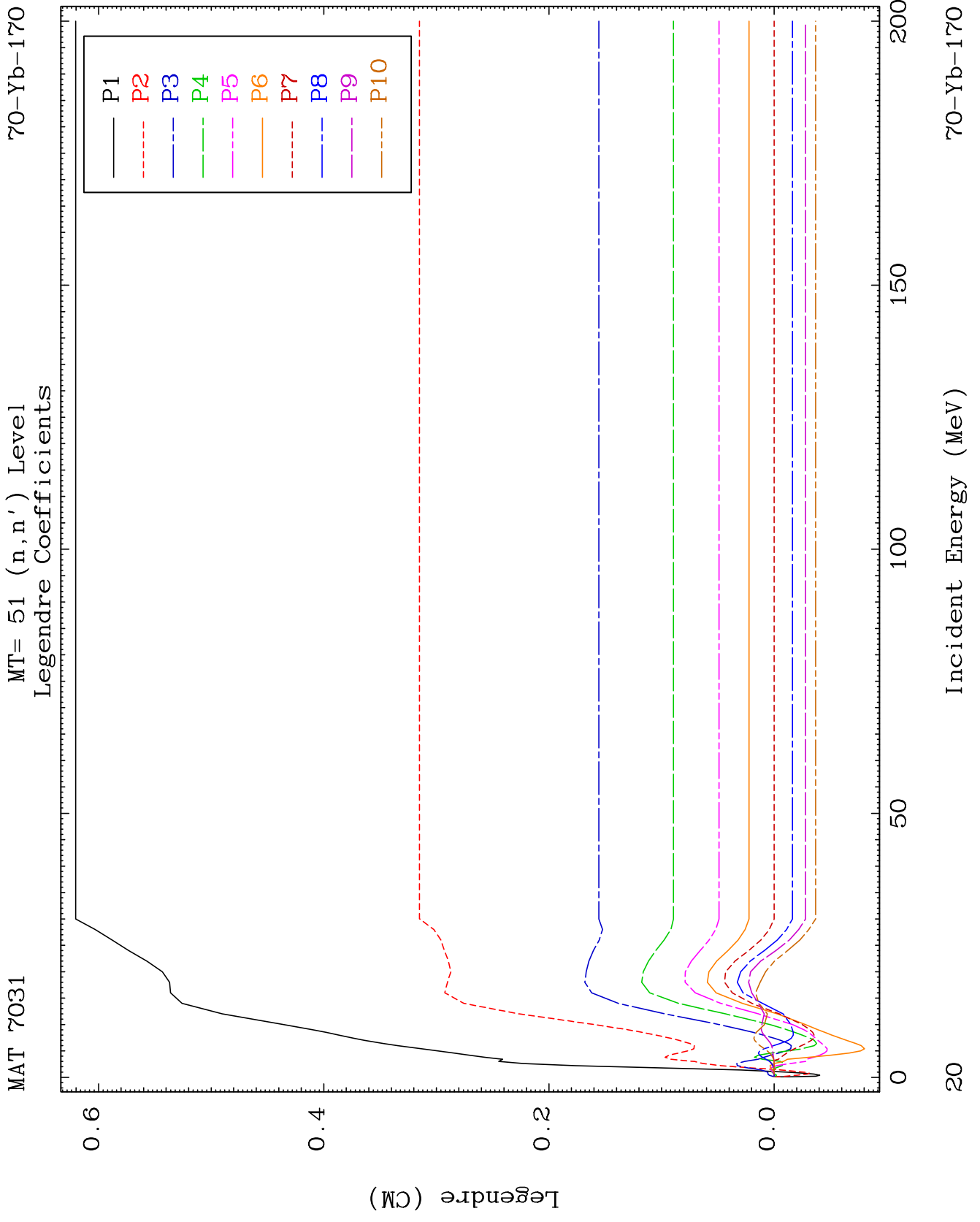
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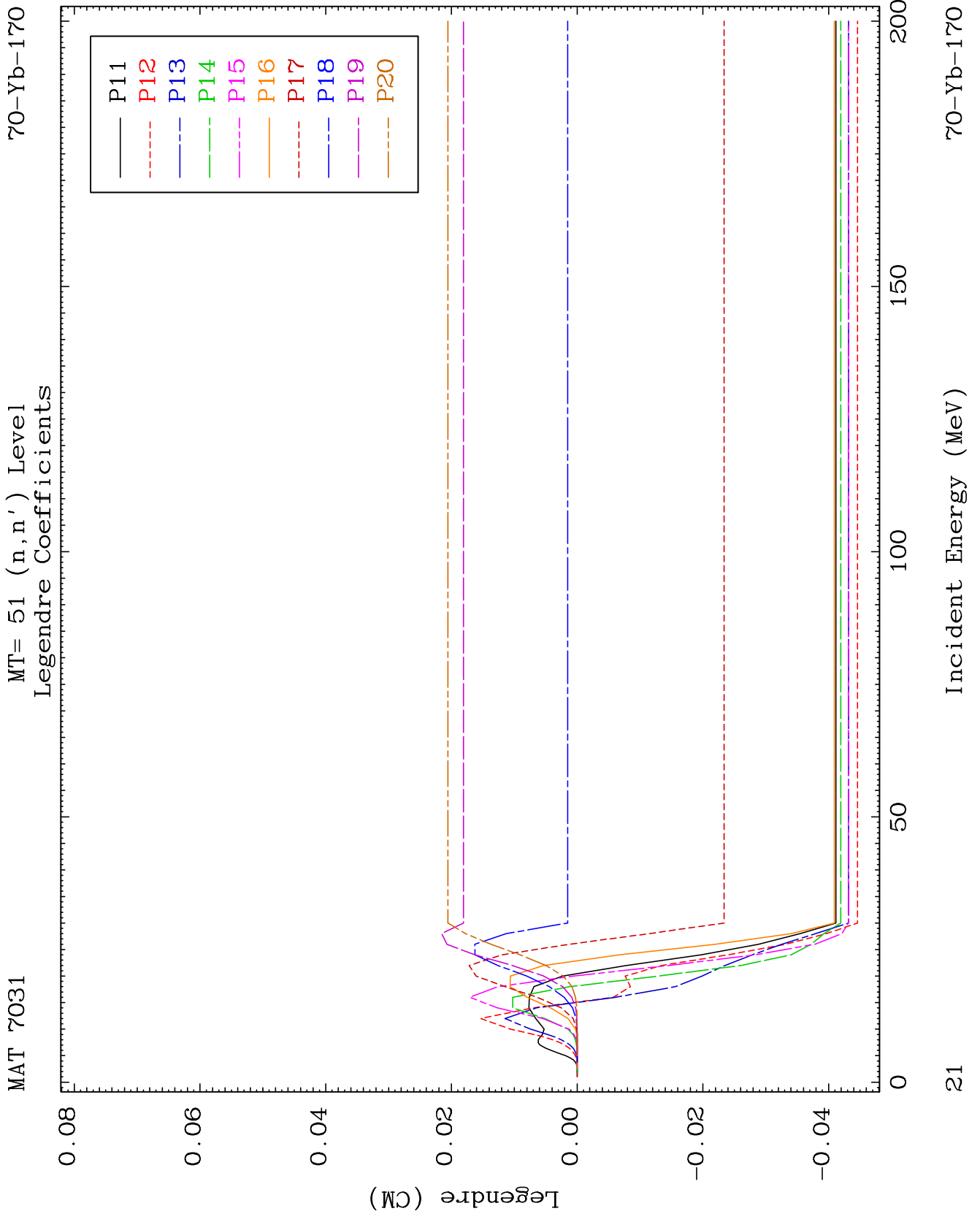


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Incident Energy (MeV)

70-Yb-170

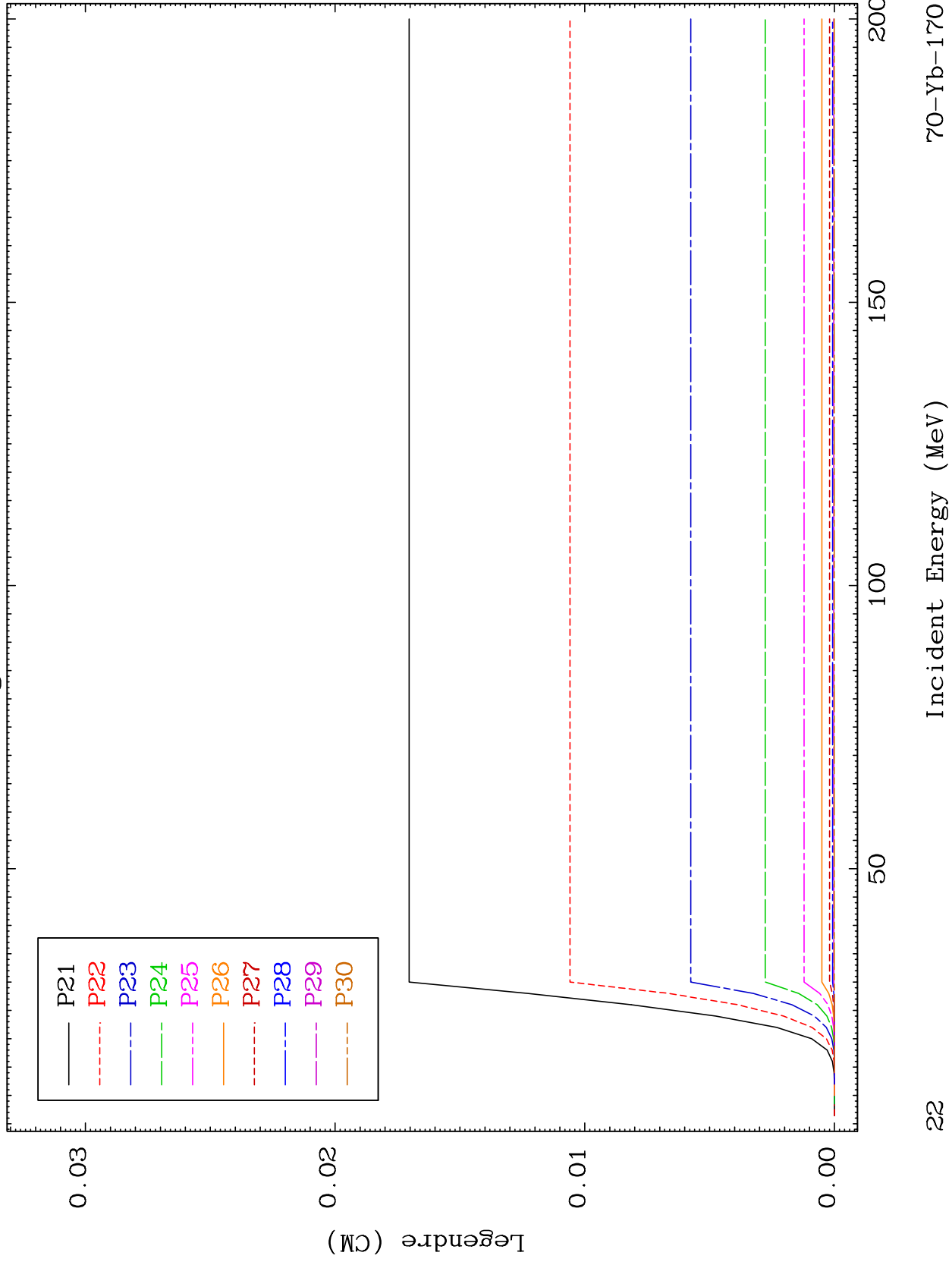




MAT 7031

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

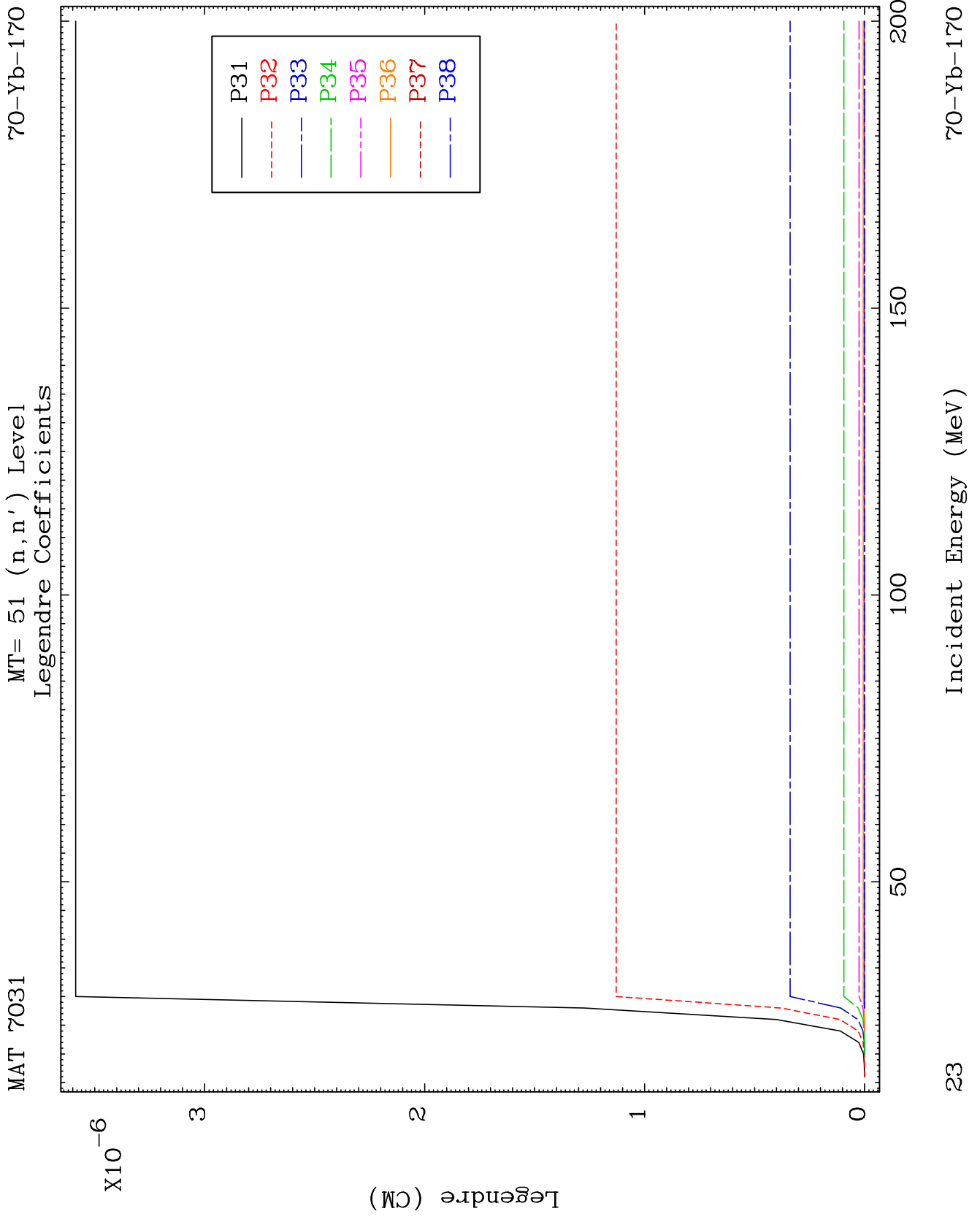
70-Yb-170



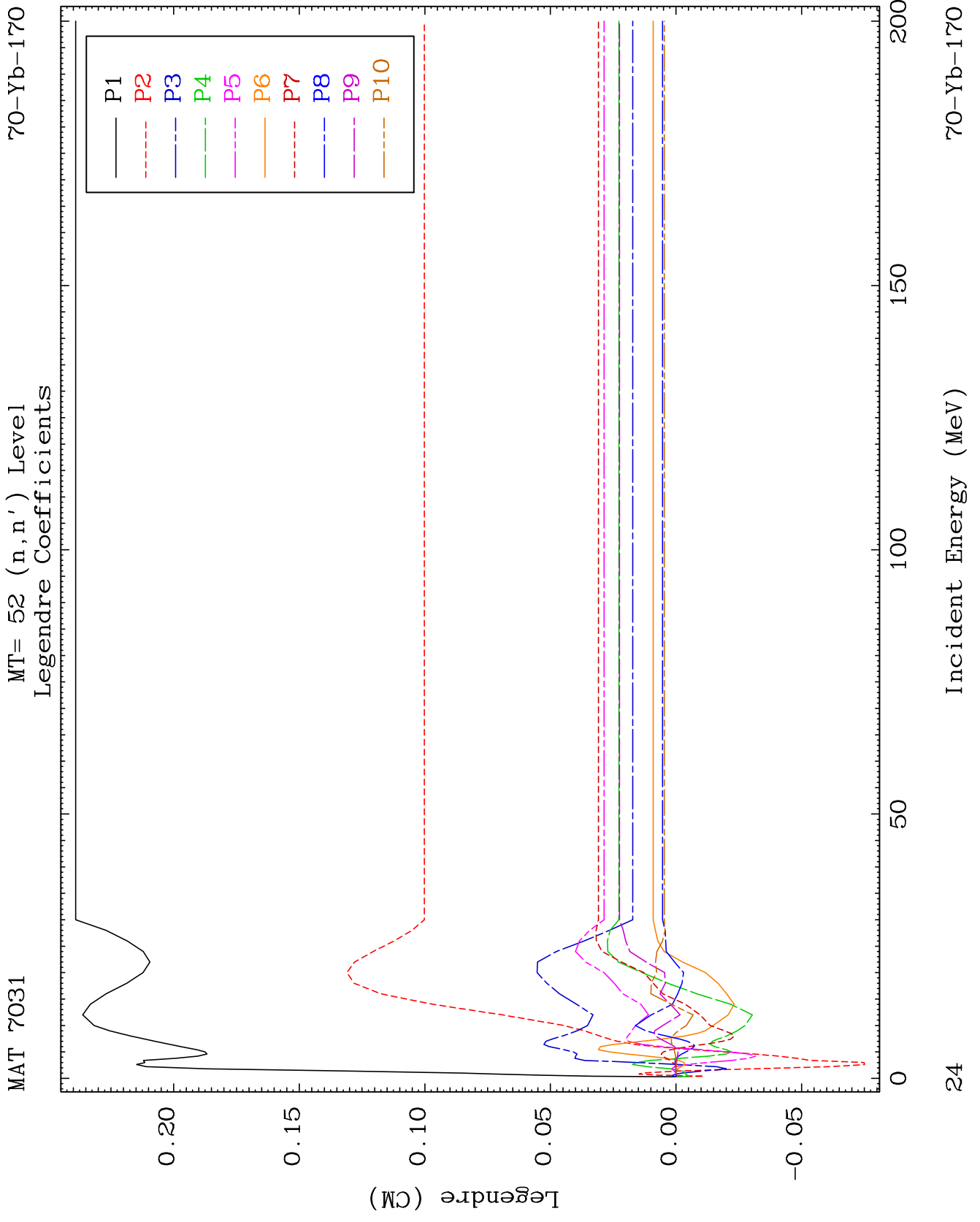
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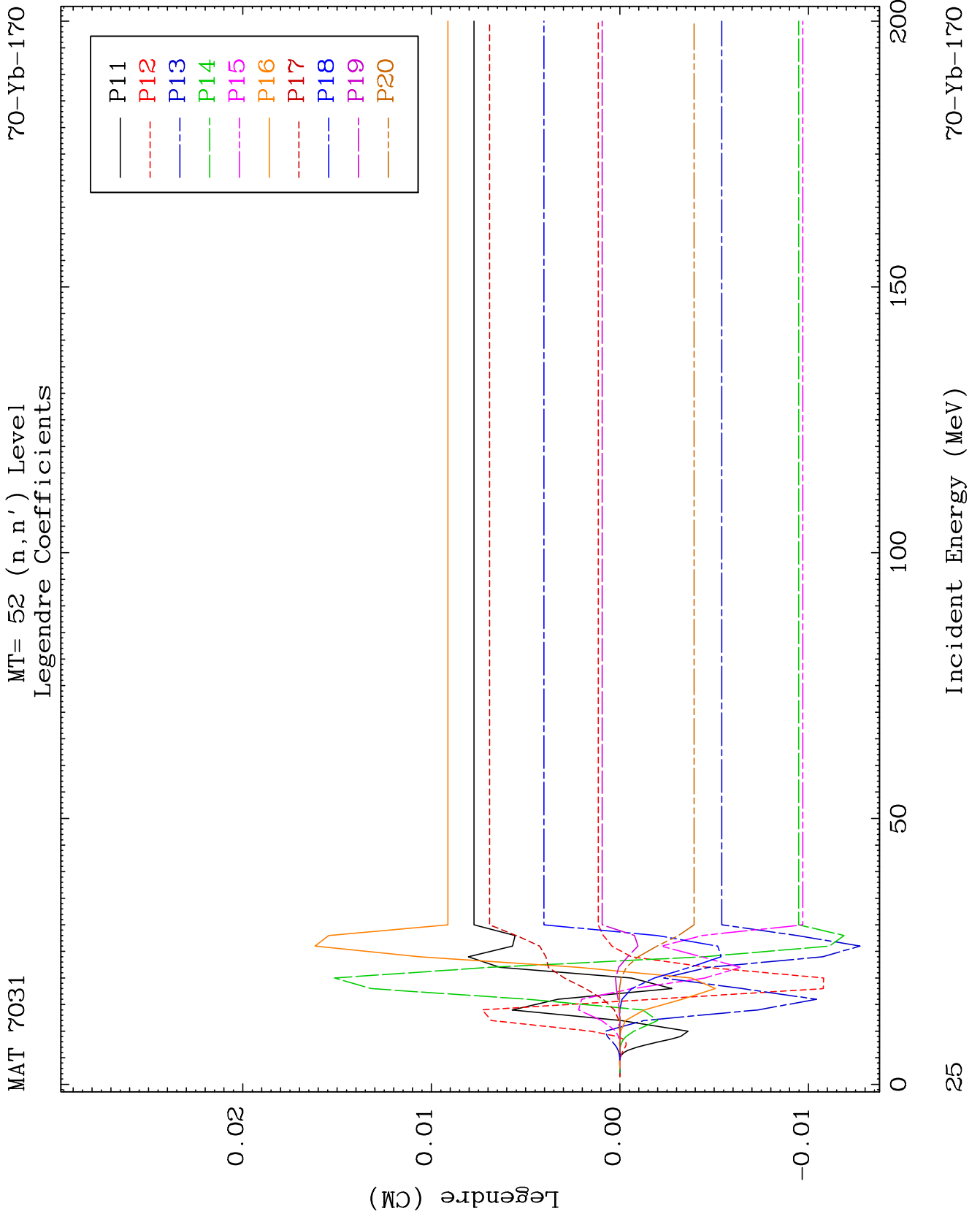
Incident Energy (MeV)

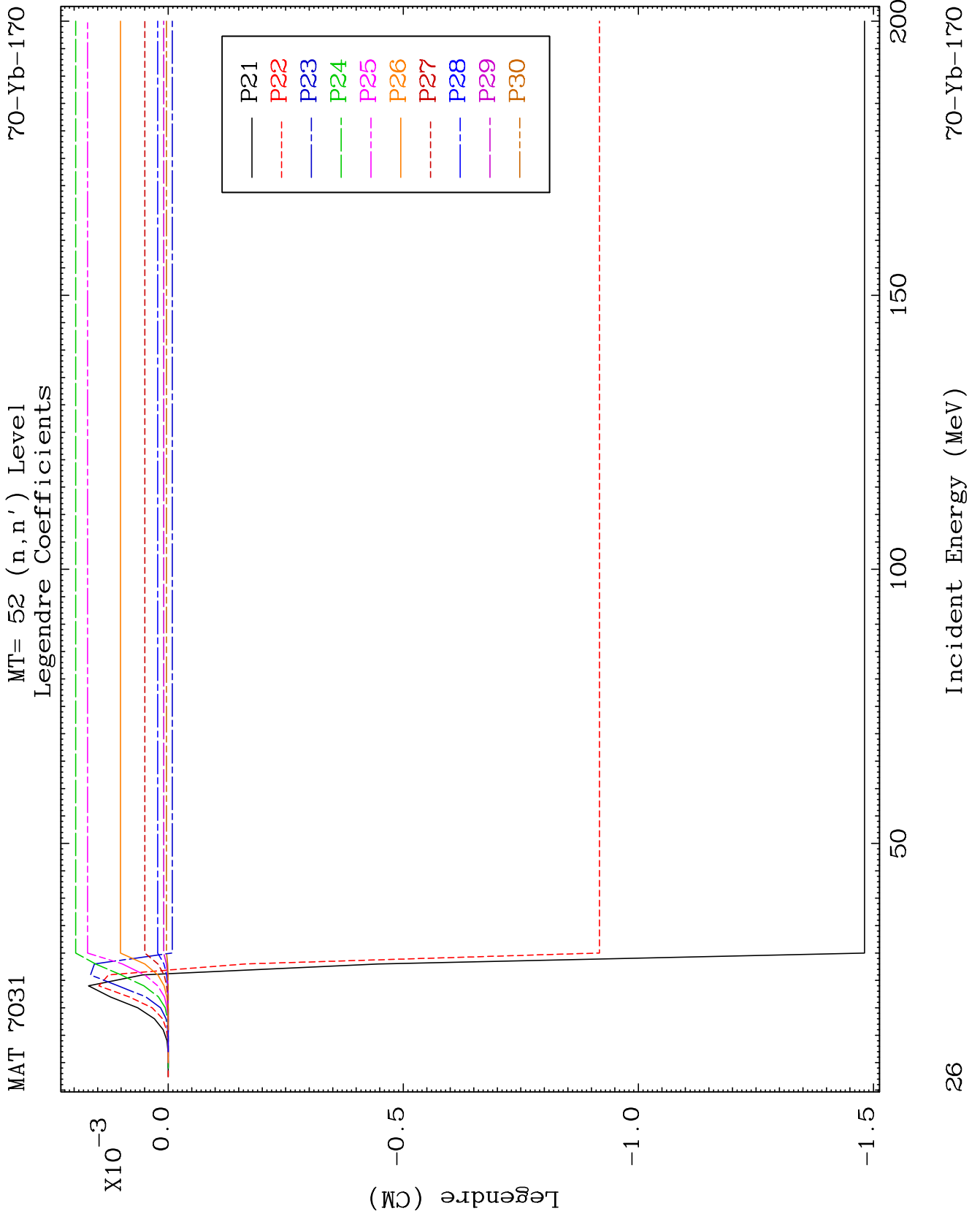
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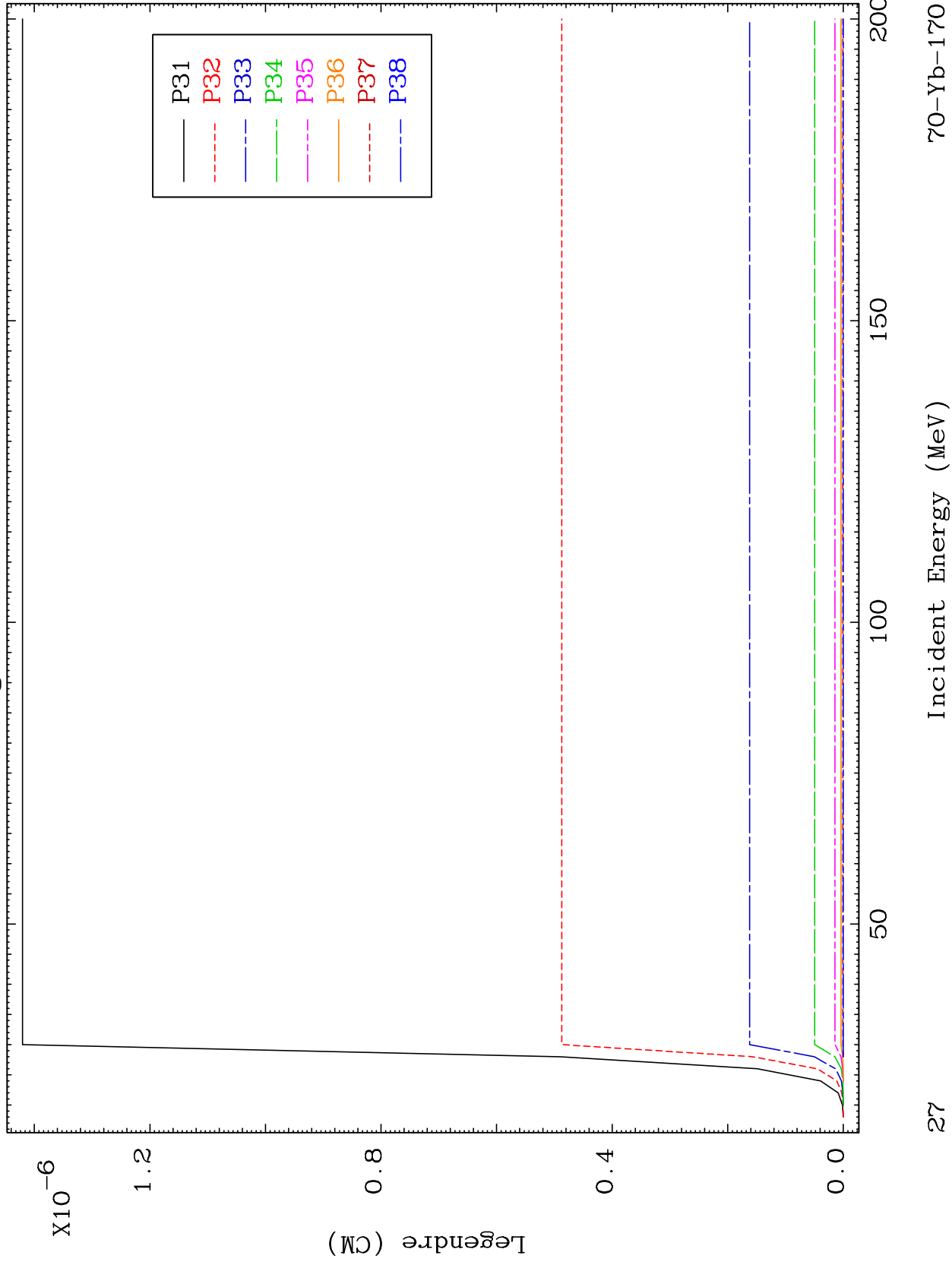




MAT 7031

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

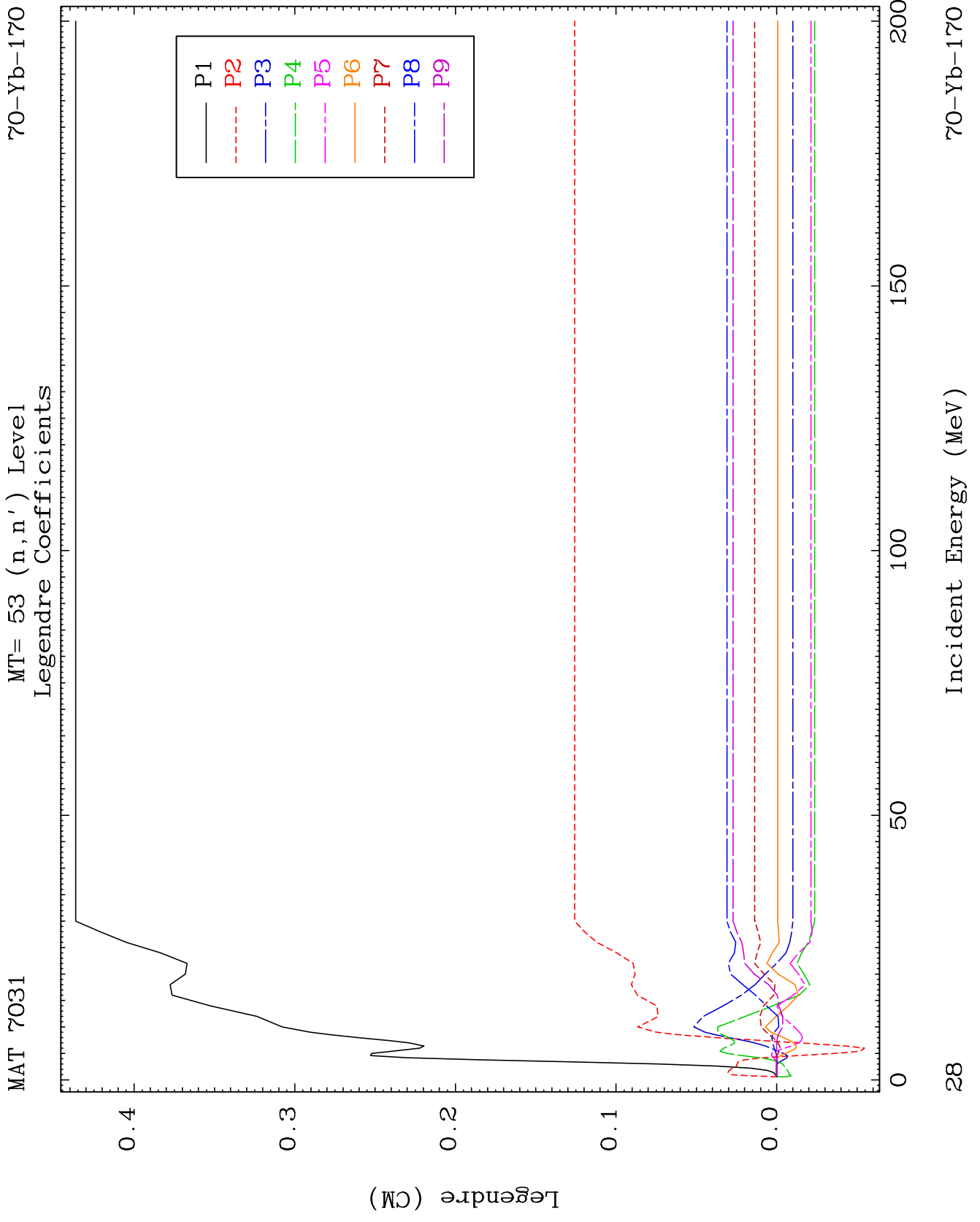
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27

Incident Energy (MeV)

70-Yb-170

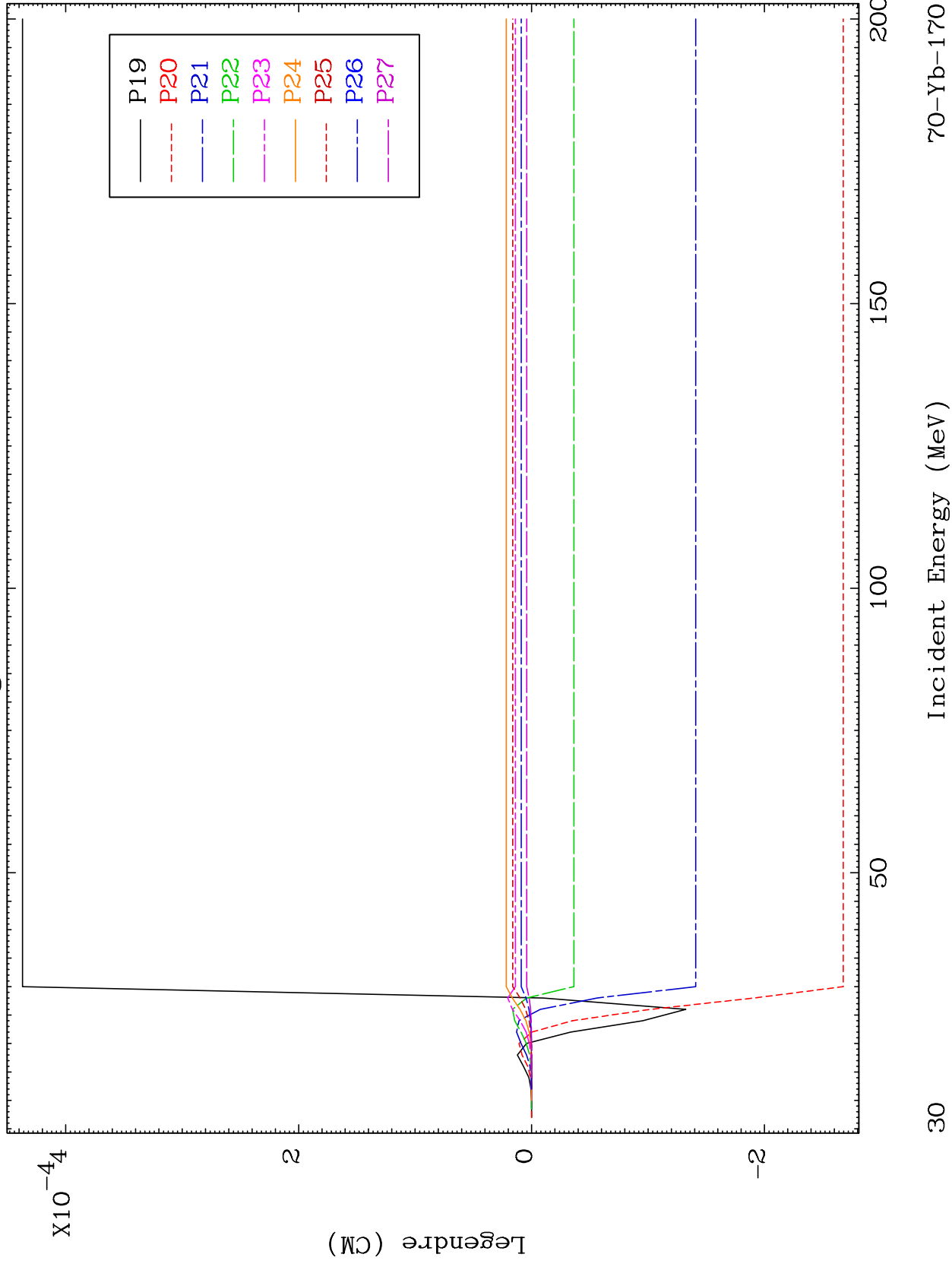




MAT 7031

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

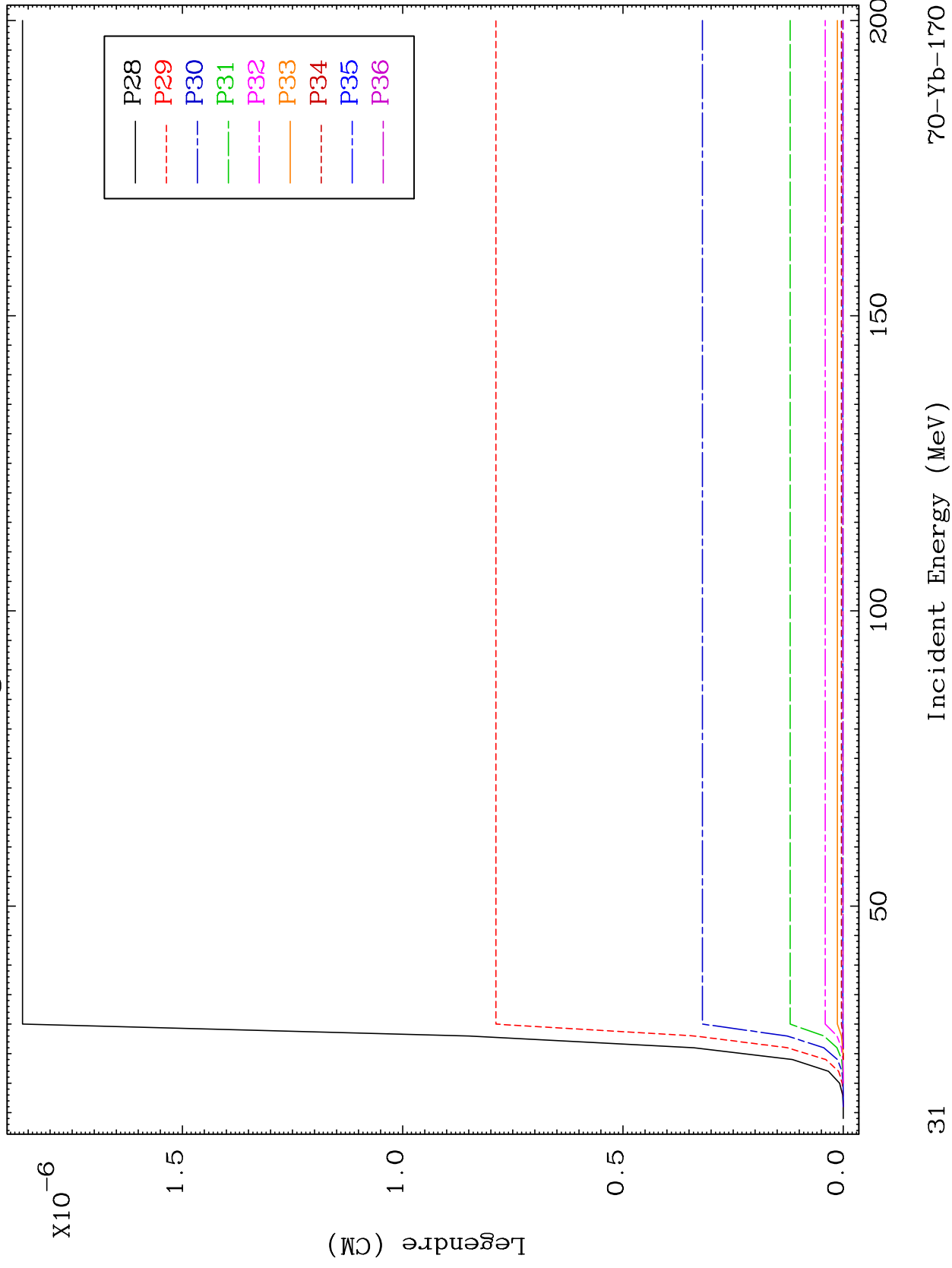
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MAT 7031

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

70-Yb-170



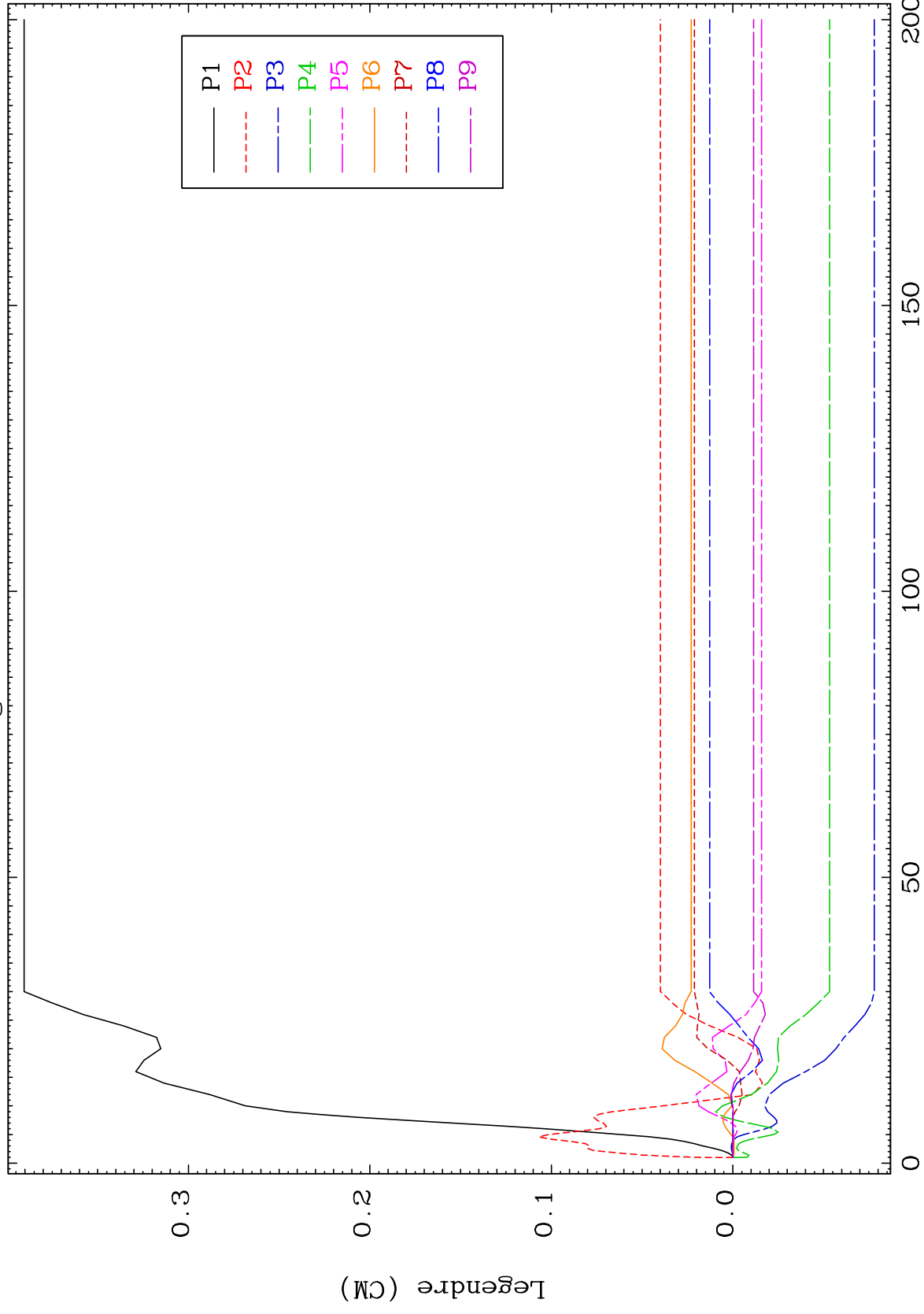
31



MAT 7031

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

70-Yb-170



32

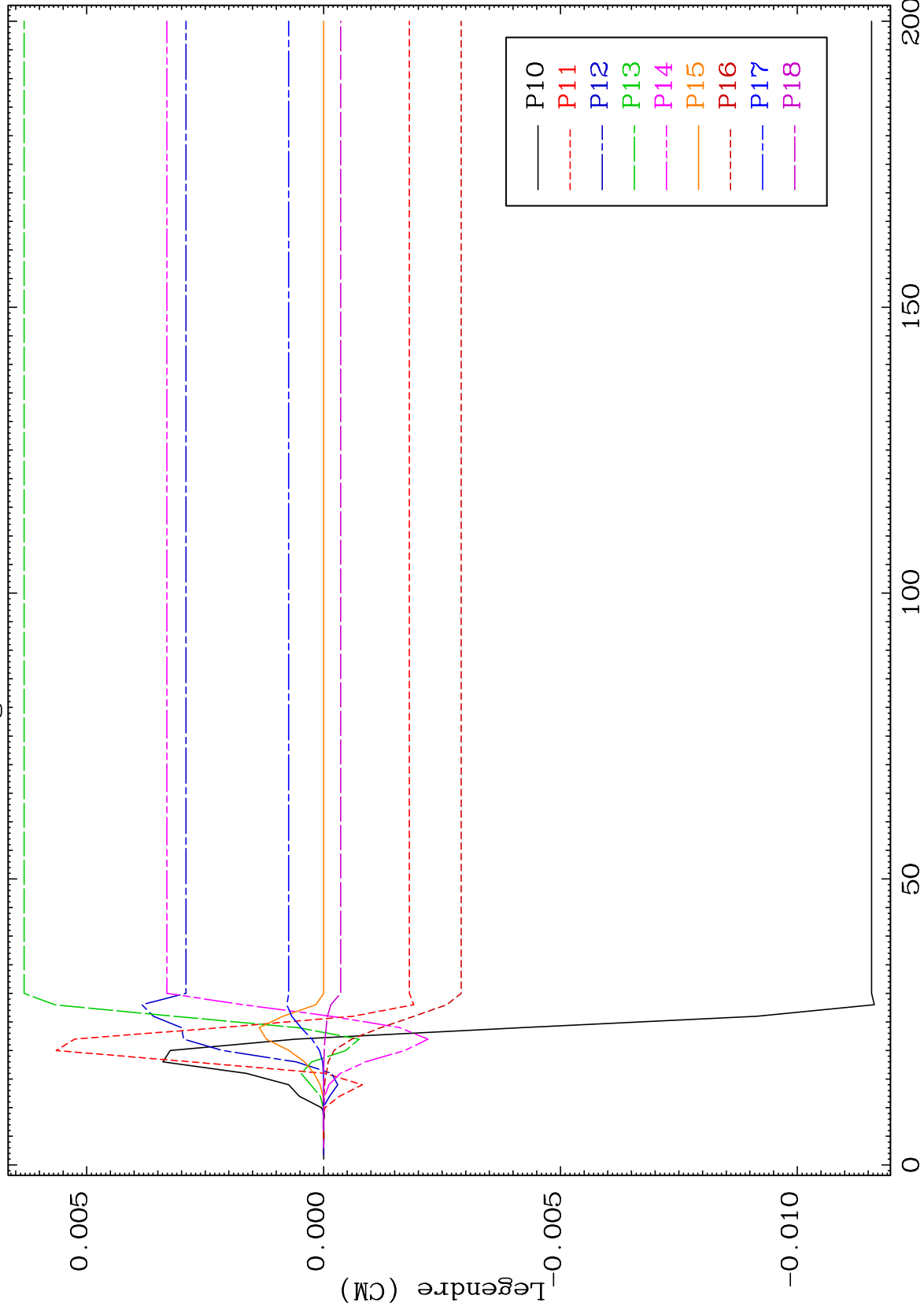
Incident Energy (MeV)

70-Yb-170

MAT 7031

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

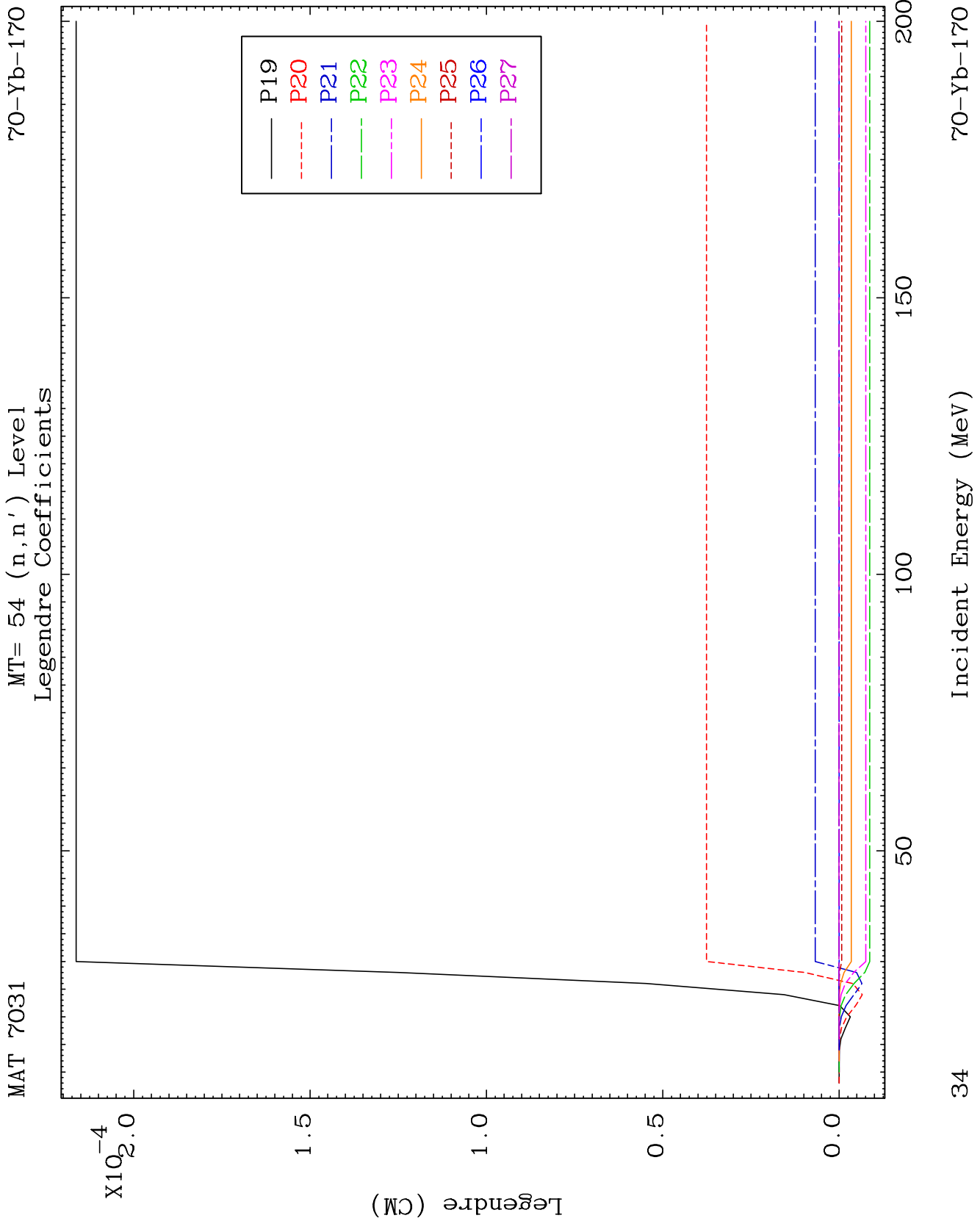
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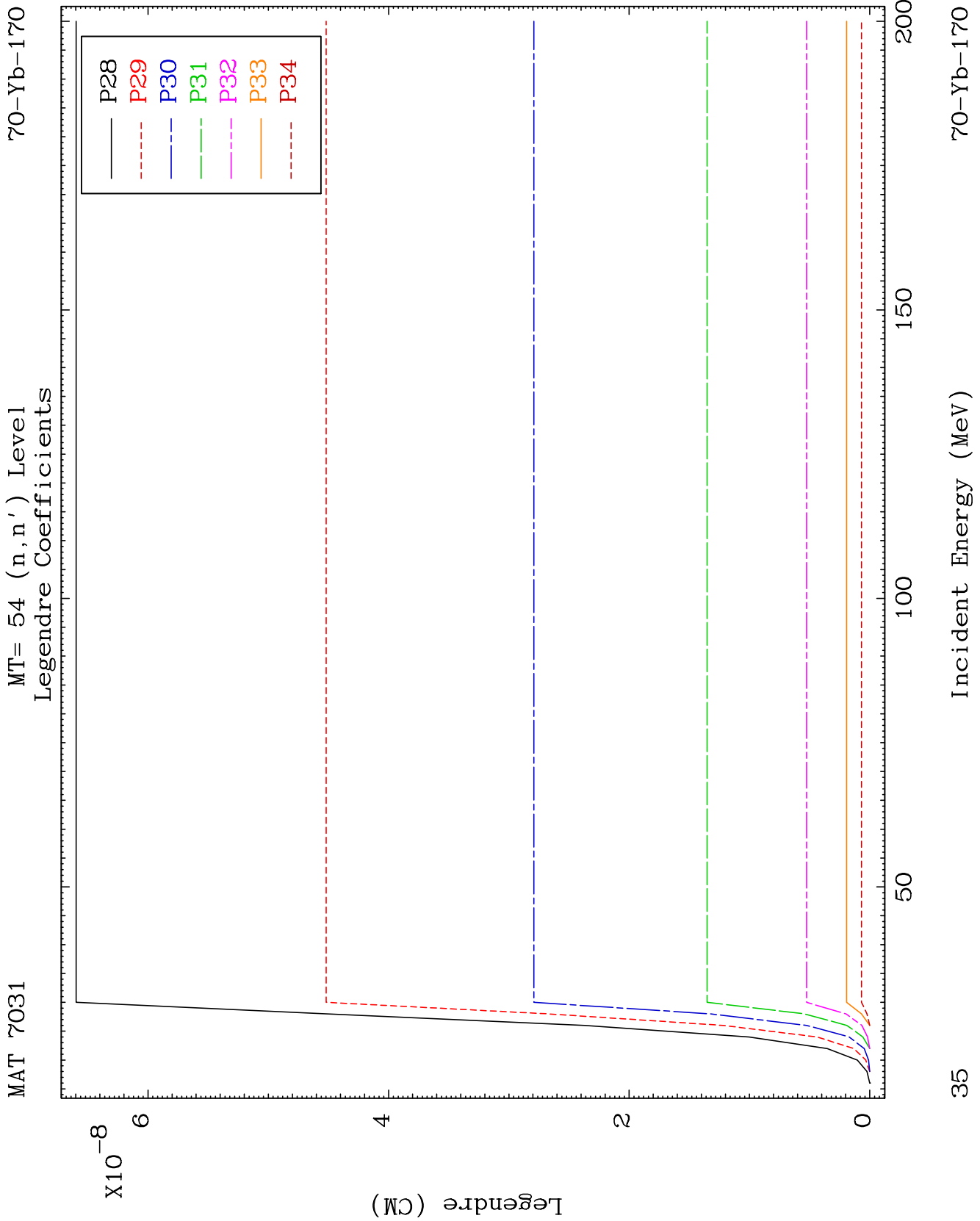


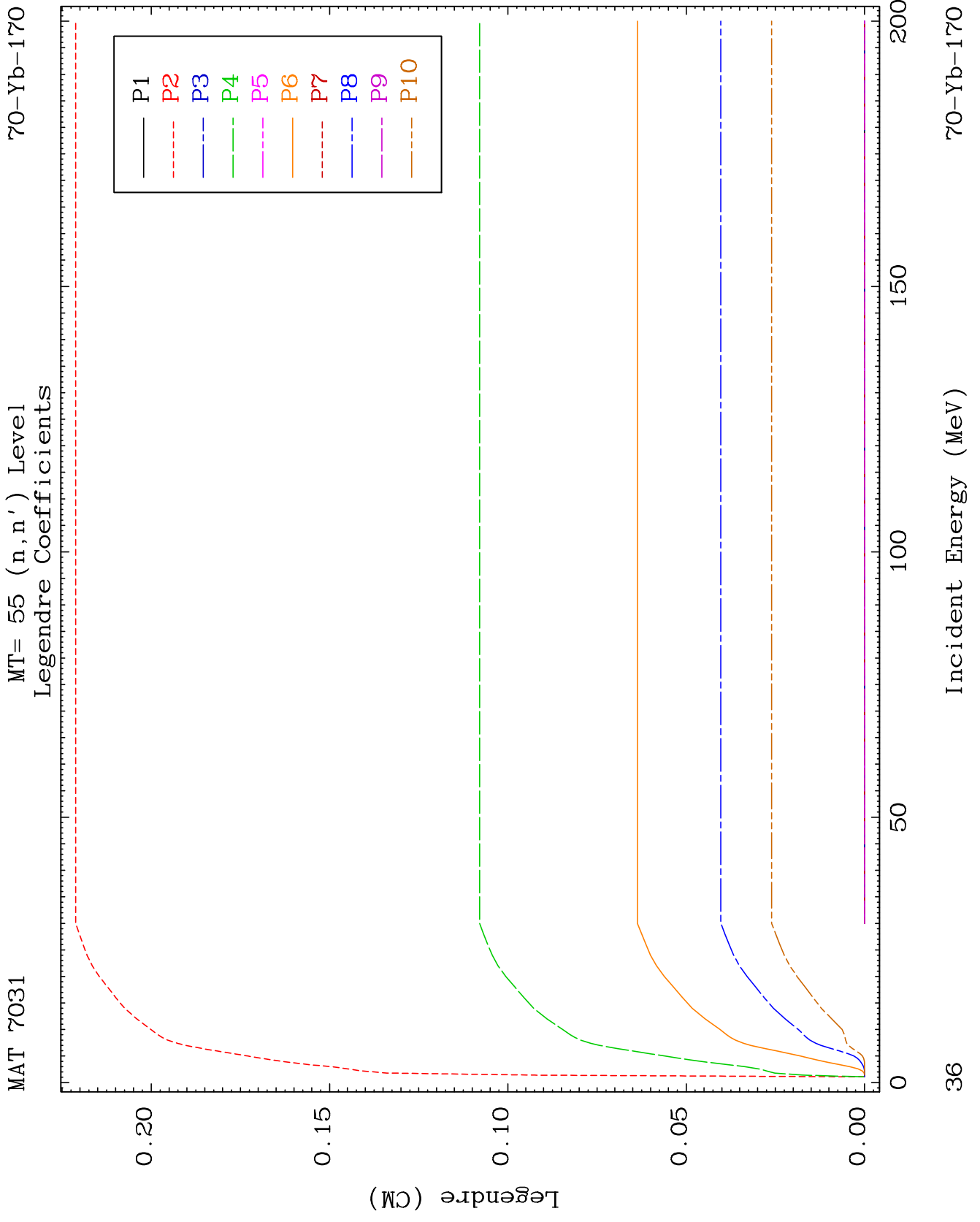
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Incident Energy (MeV)

70-Yb-170



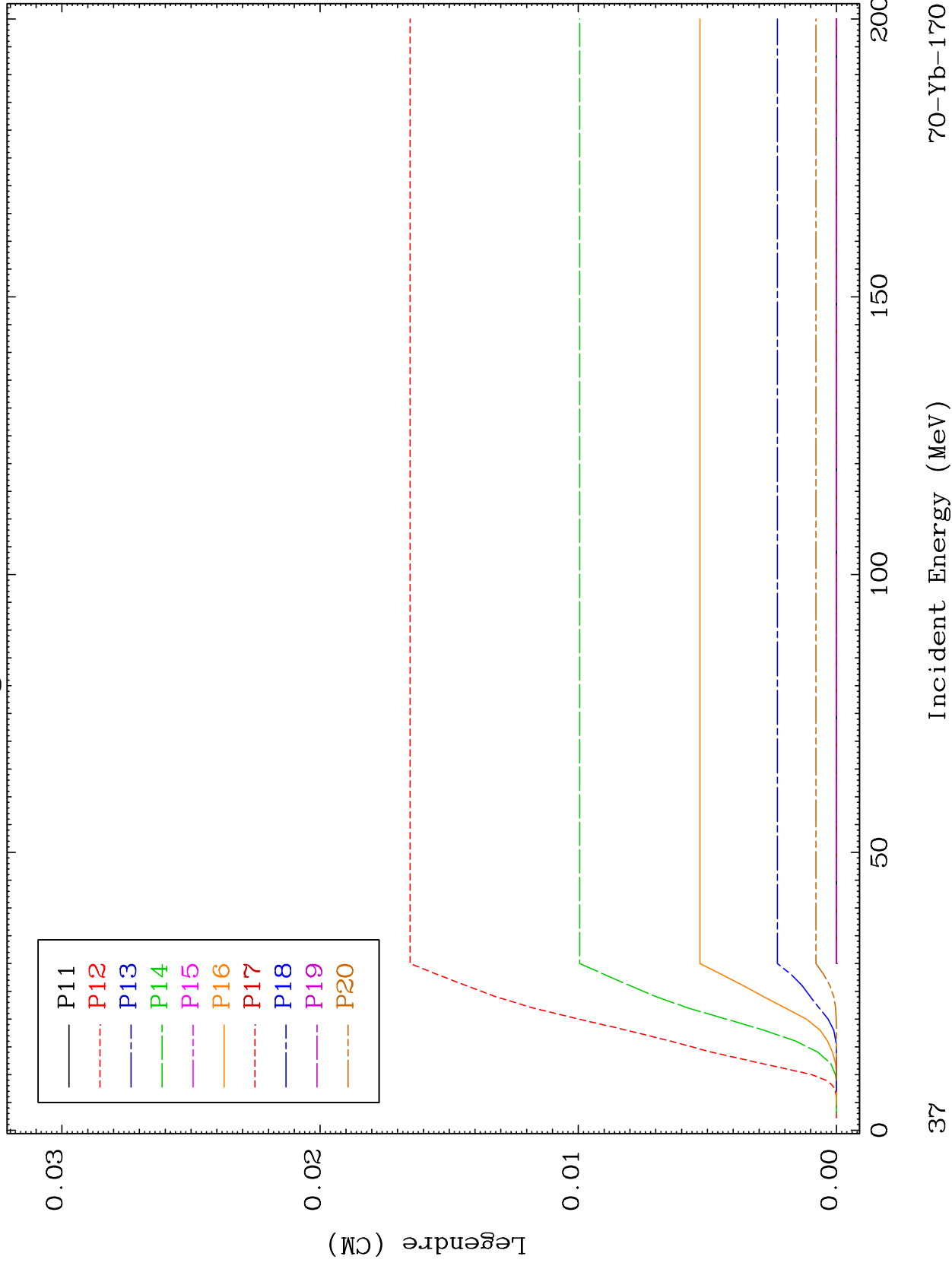




MAT 7031

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

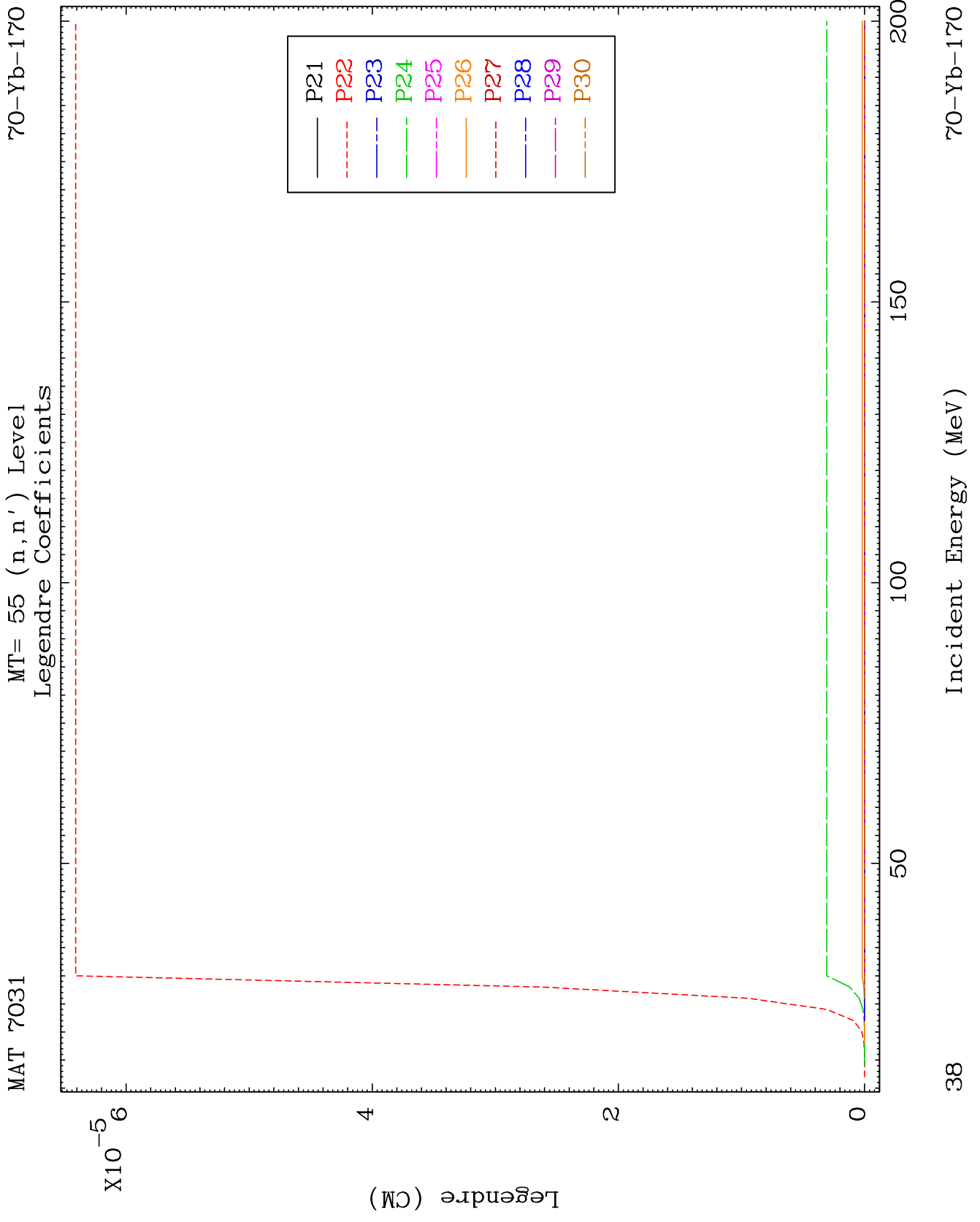
70-Yb-170



37

Incident Energy (MeV)

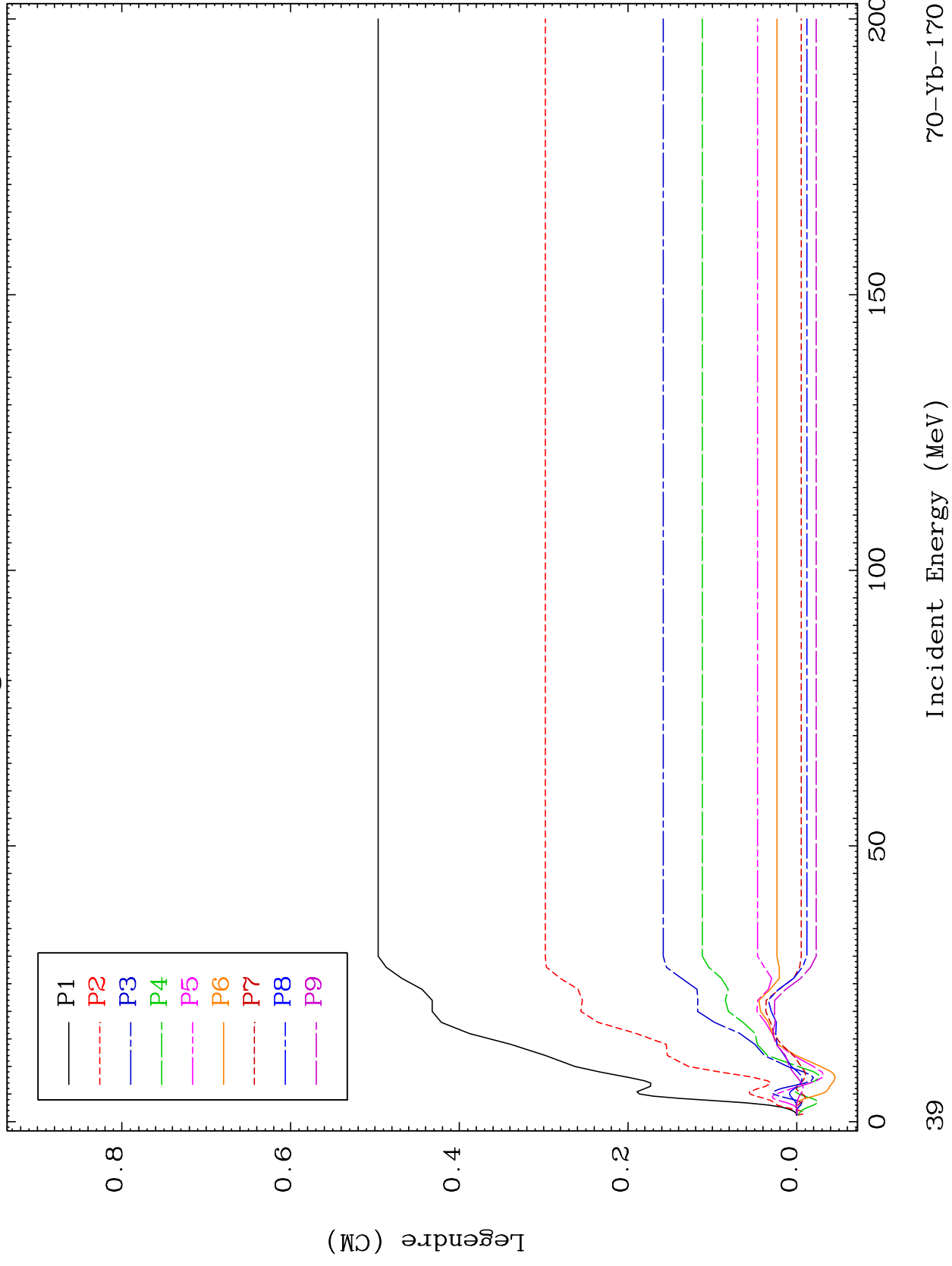
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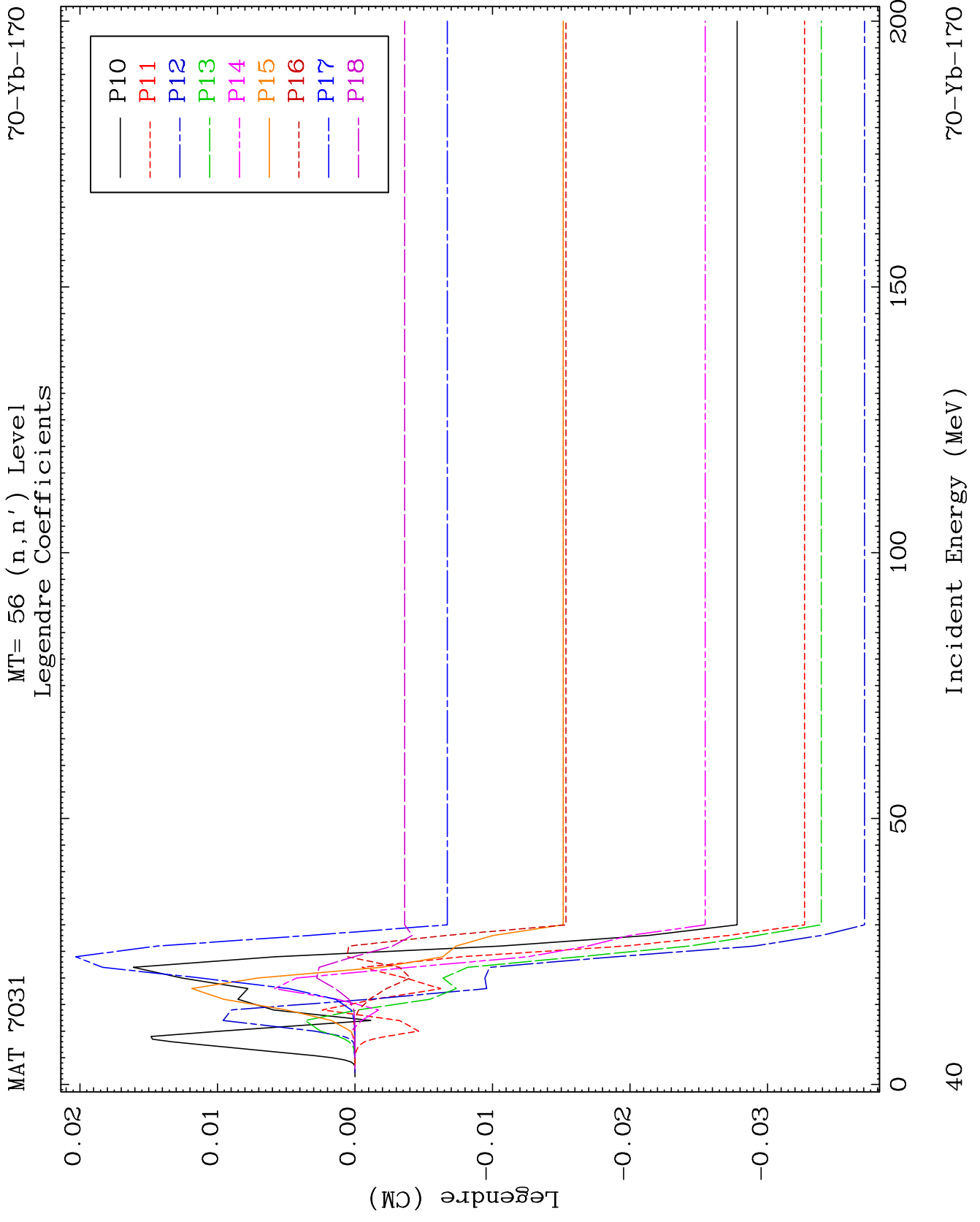
MAT 7031

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

70-Yb-170



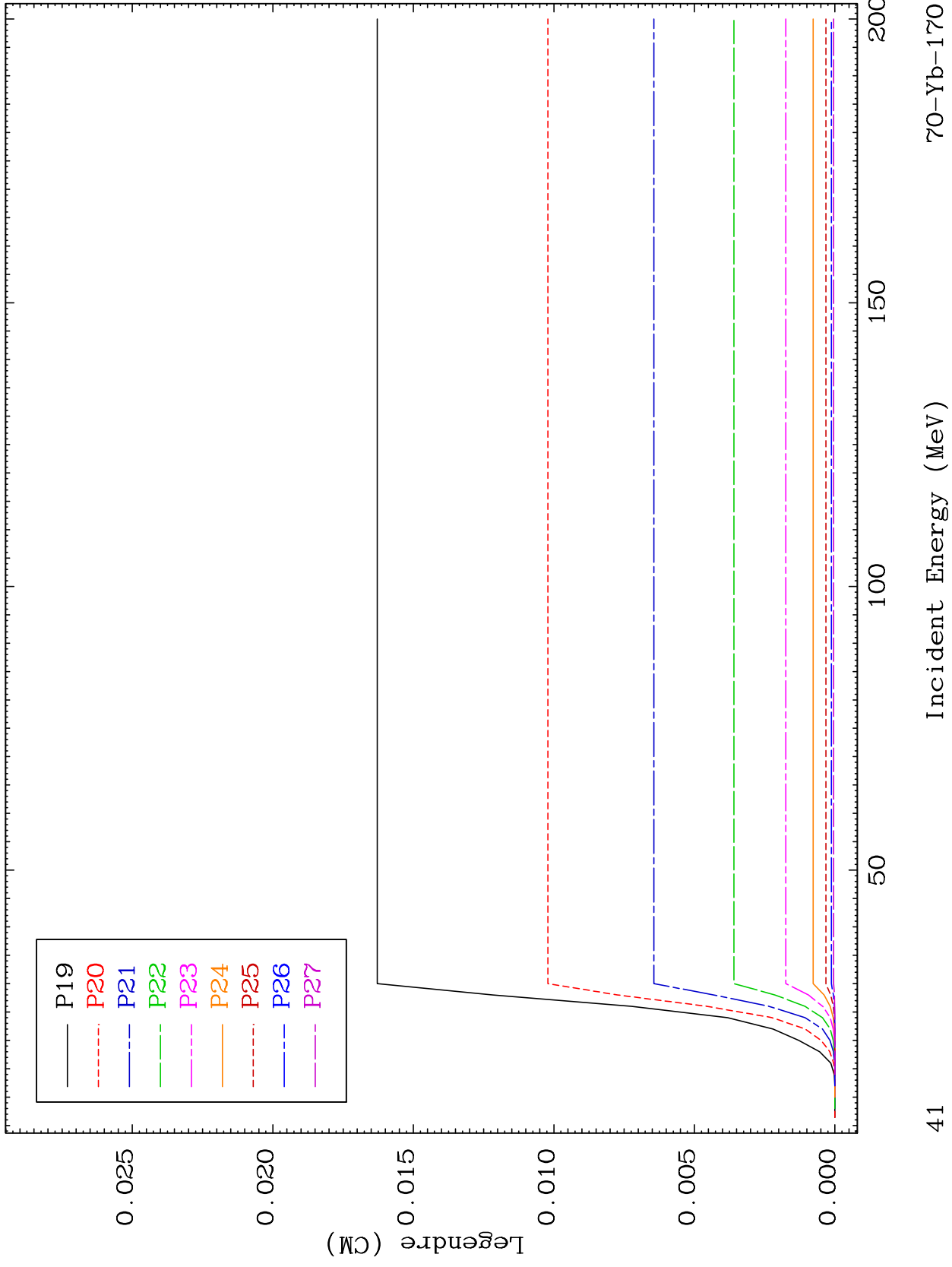




MAT 7031

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

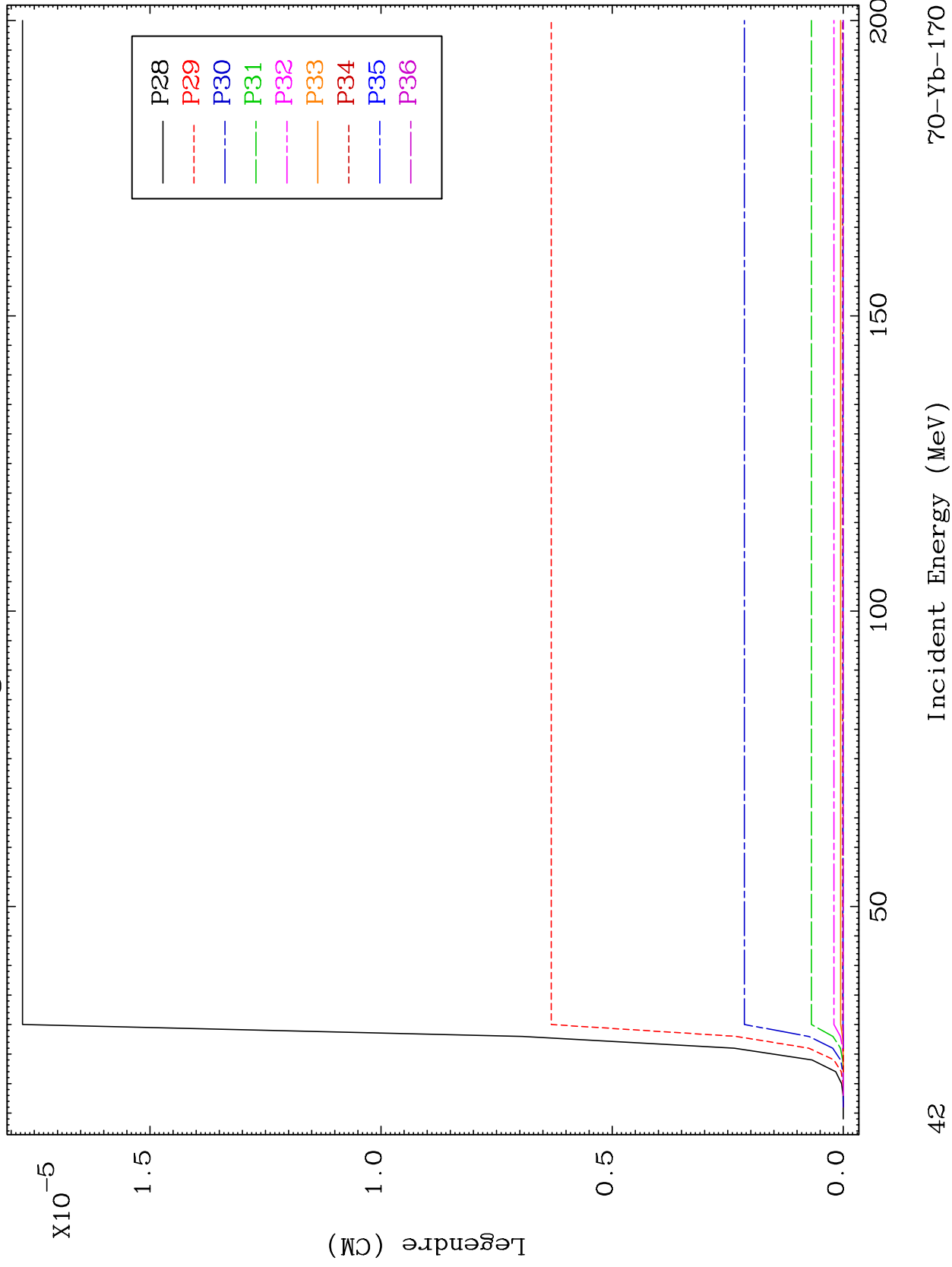
70-Yb-170



MAT 7031

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

70-Yb-170



42

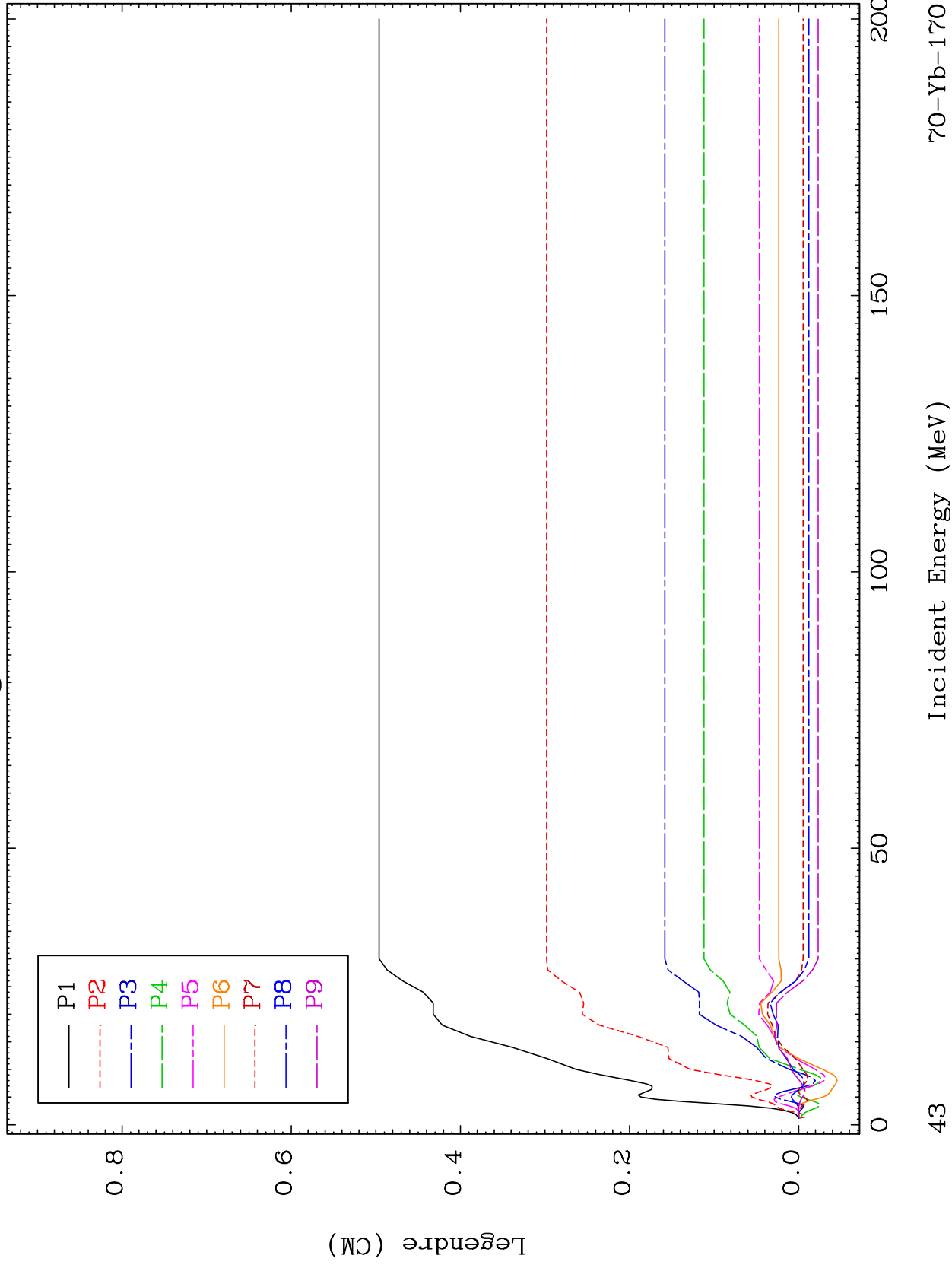
Incident Energy (MeV)

70-Yb-170

MAT 7031

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

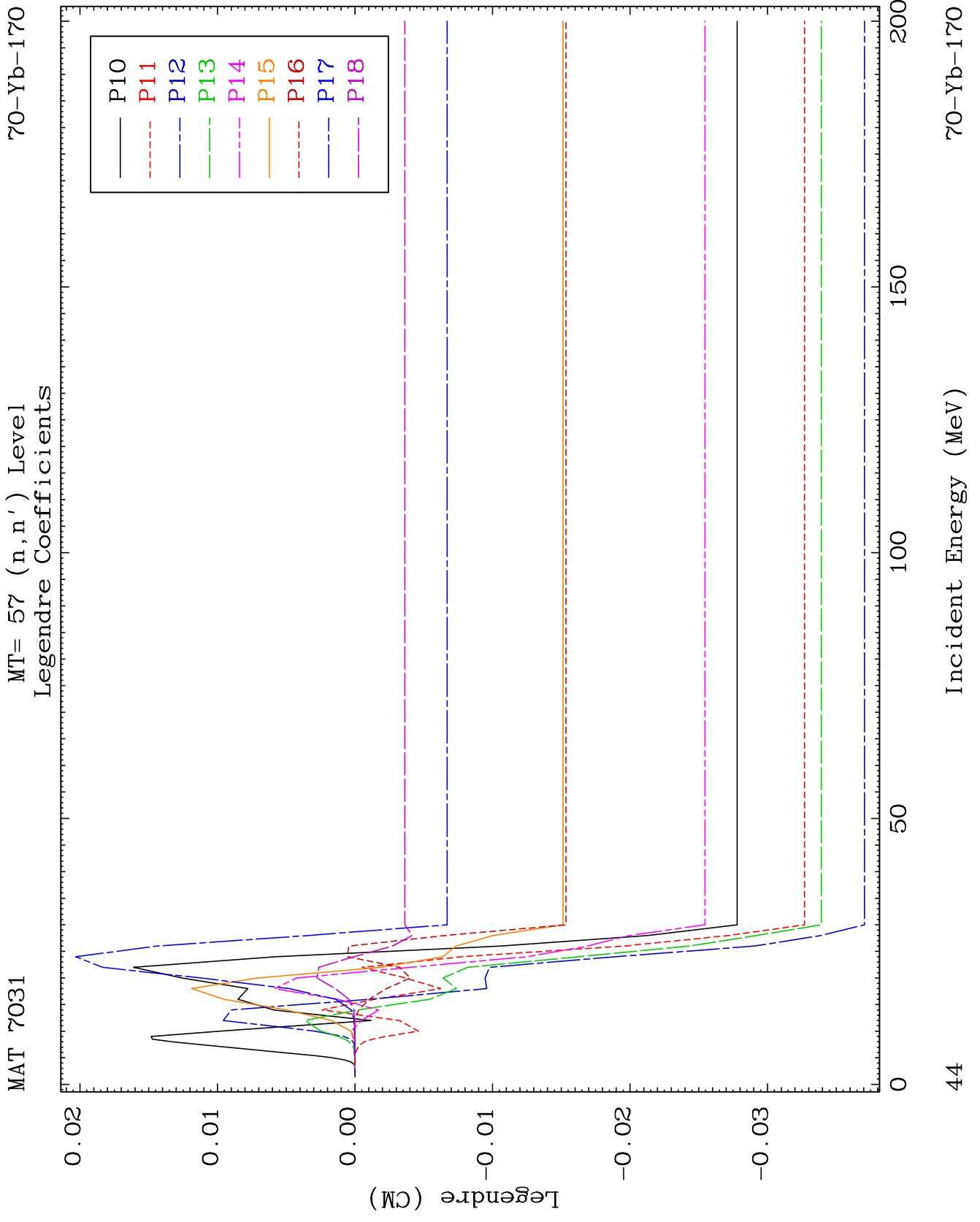
70-Yb-170



70-Yb-170

Incident Energy (MeV)

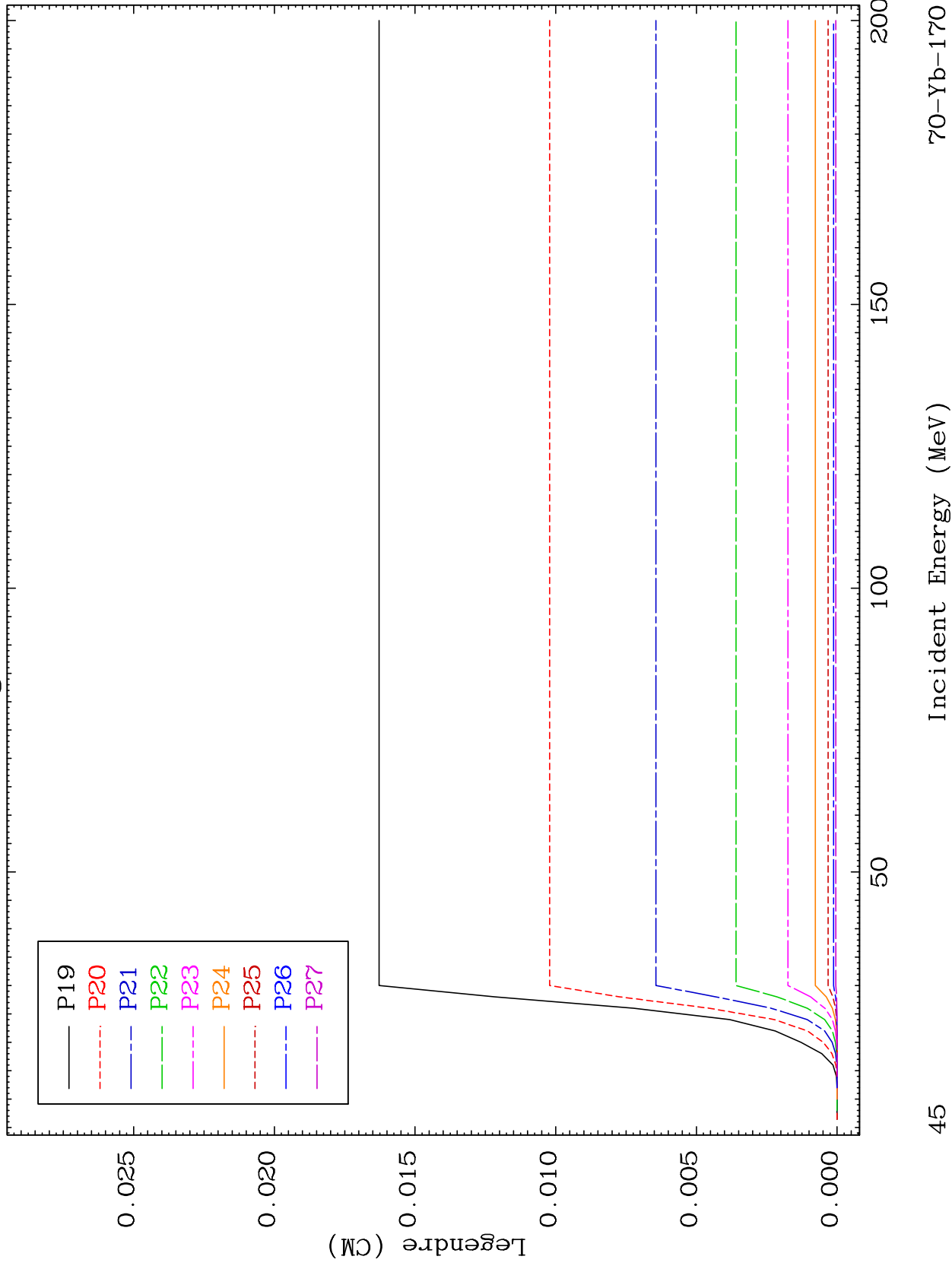
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MAT 7031

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

70-Yb-170



45

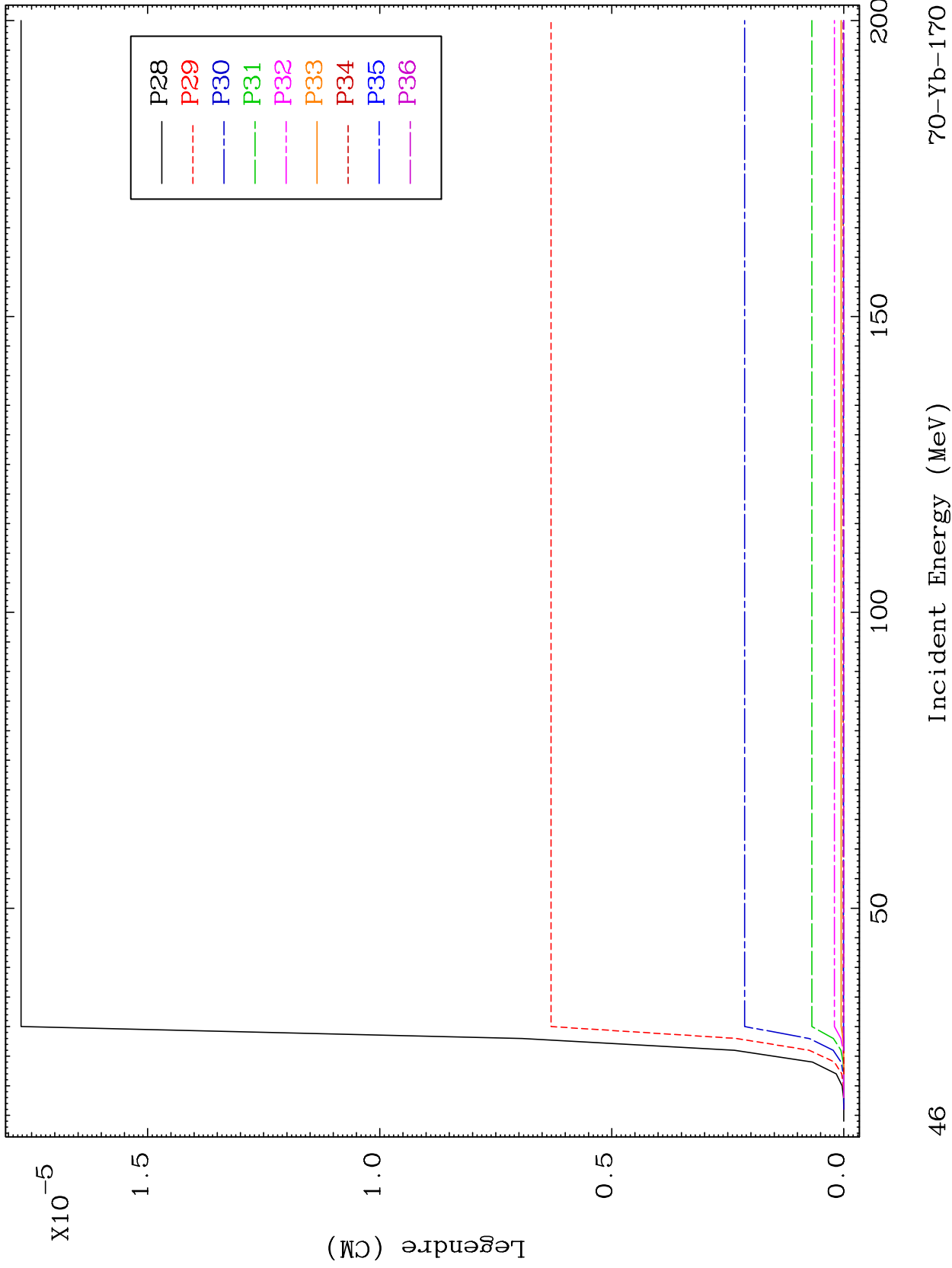
Incident Energy (MeV)

70-Yb-170

MAT 7031

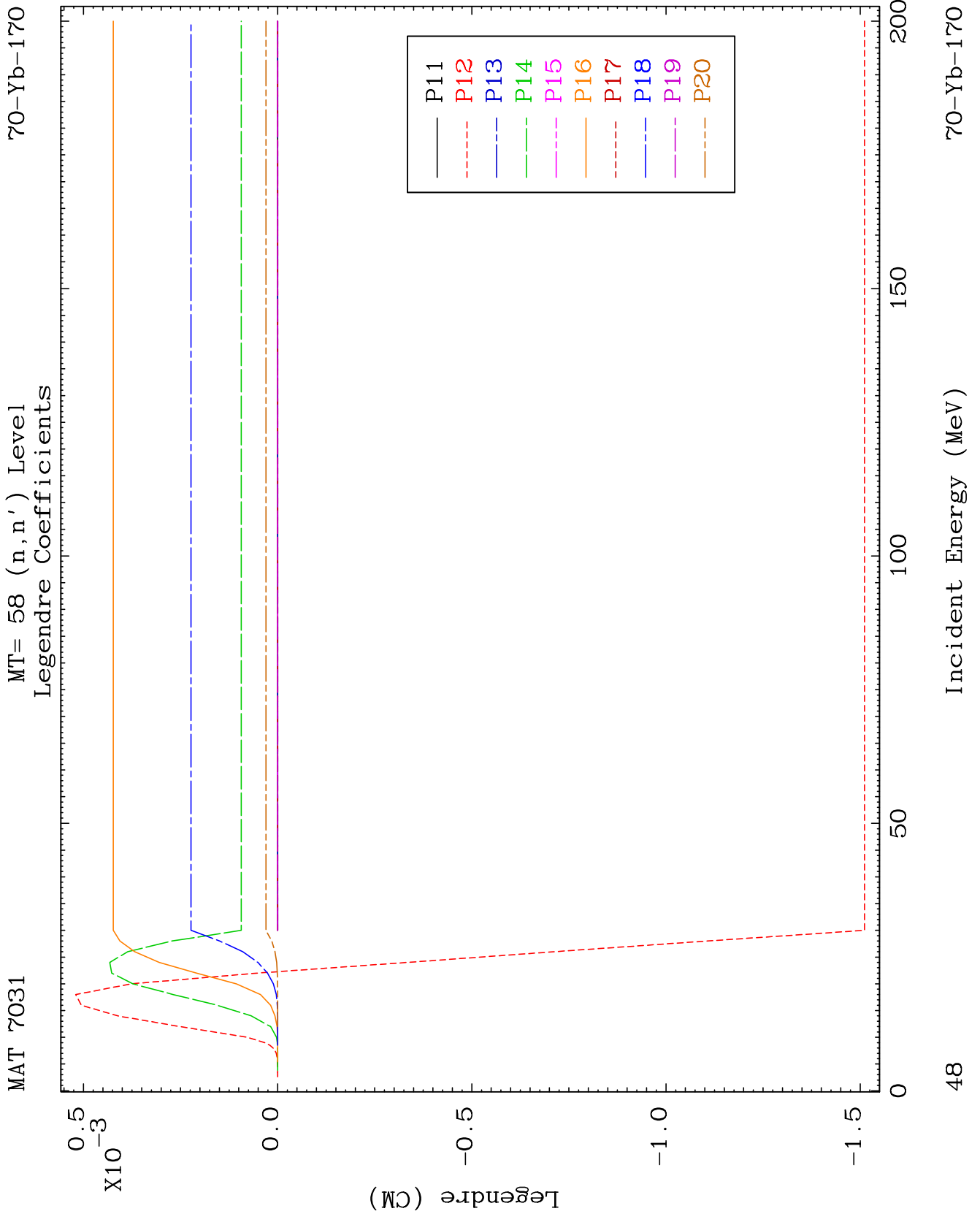
MT= 57 (n,n') Level  
Legendre Coefficients

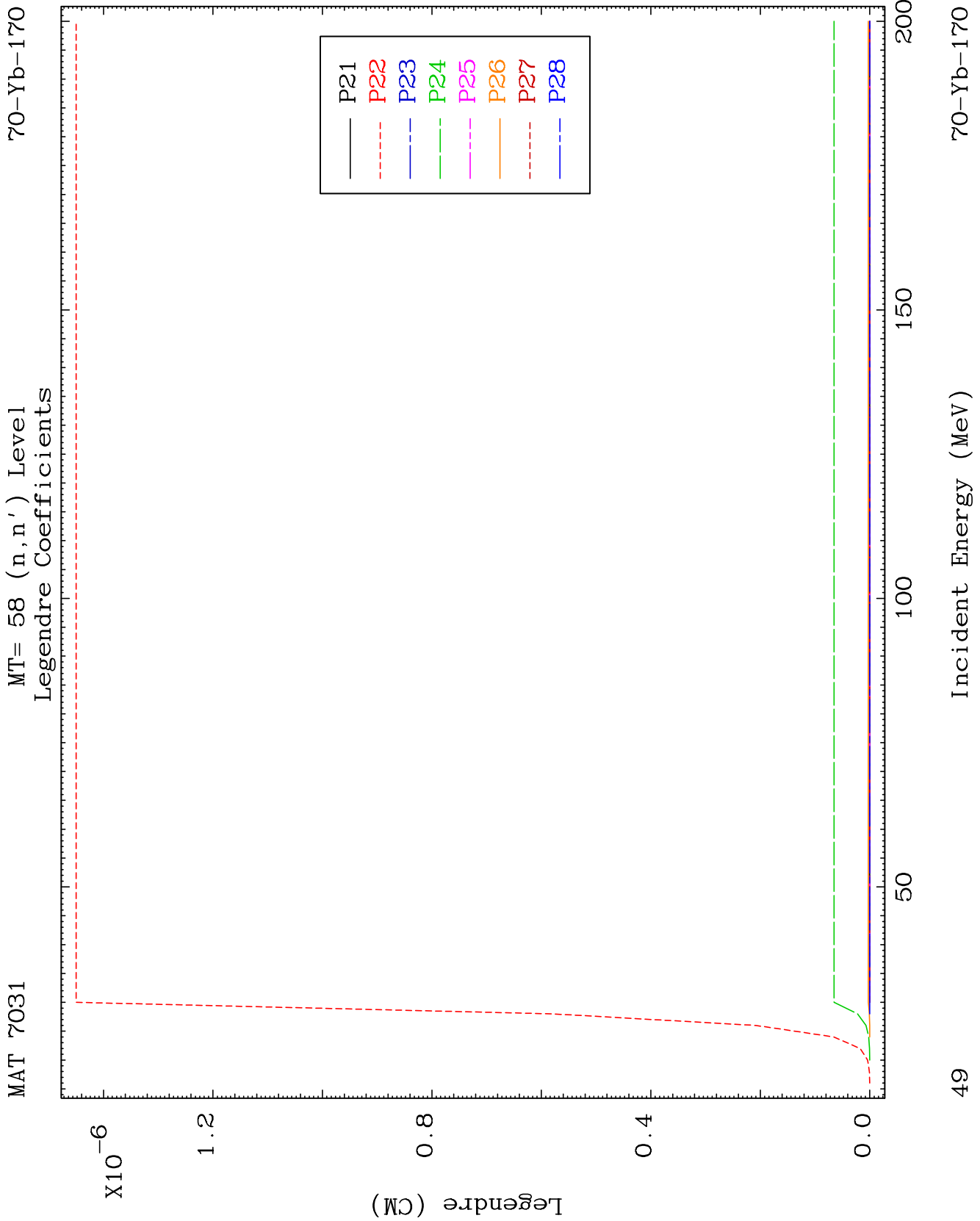
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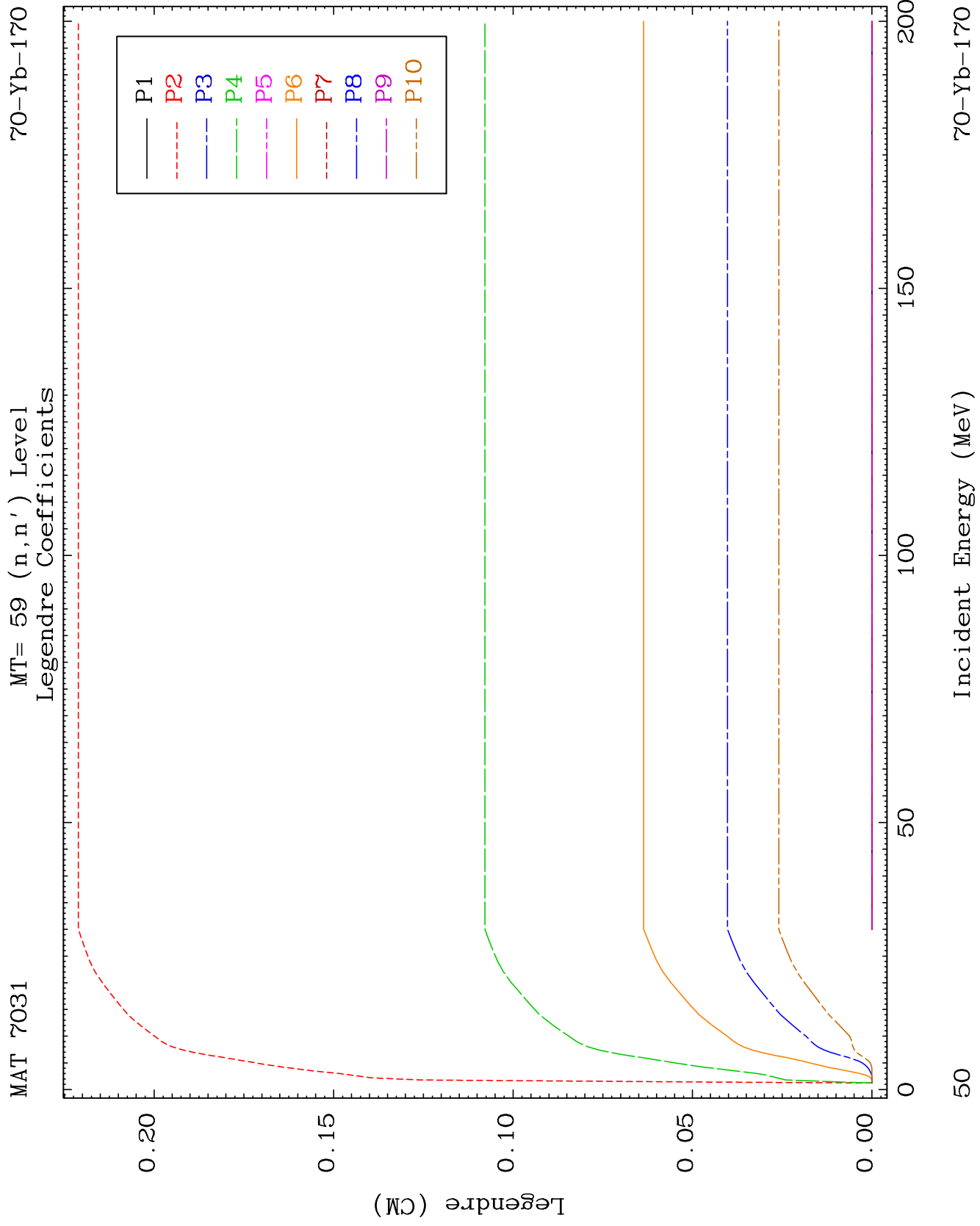








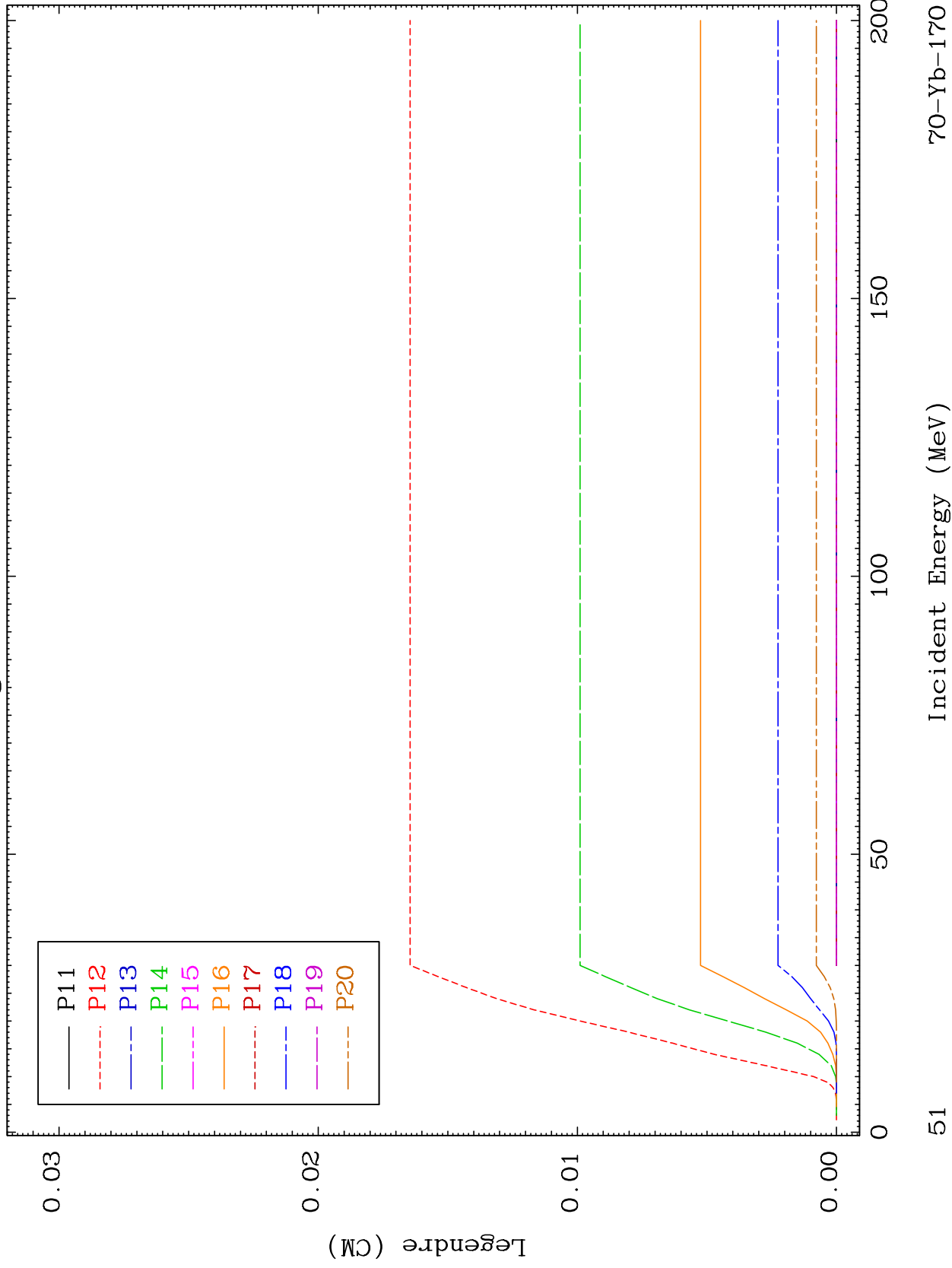




MAT 7031

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

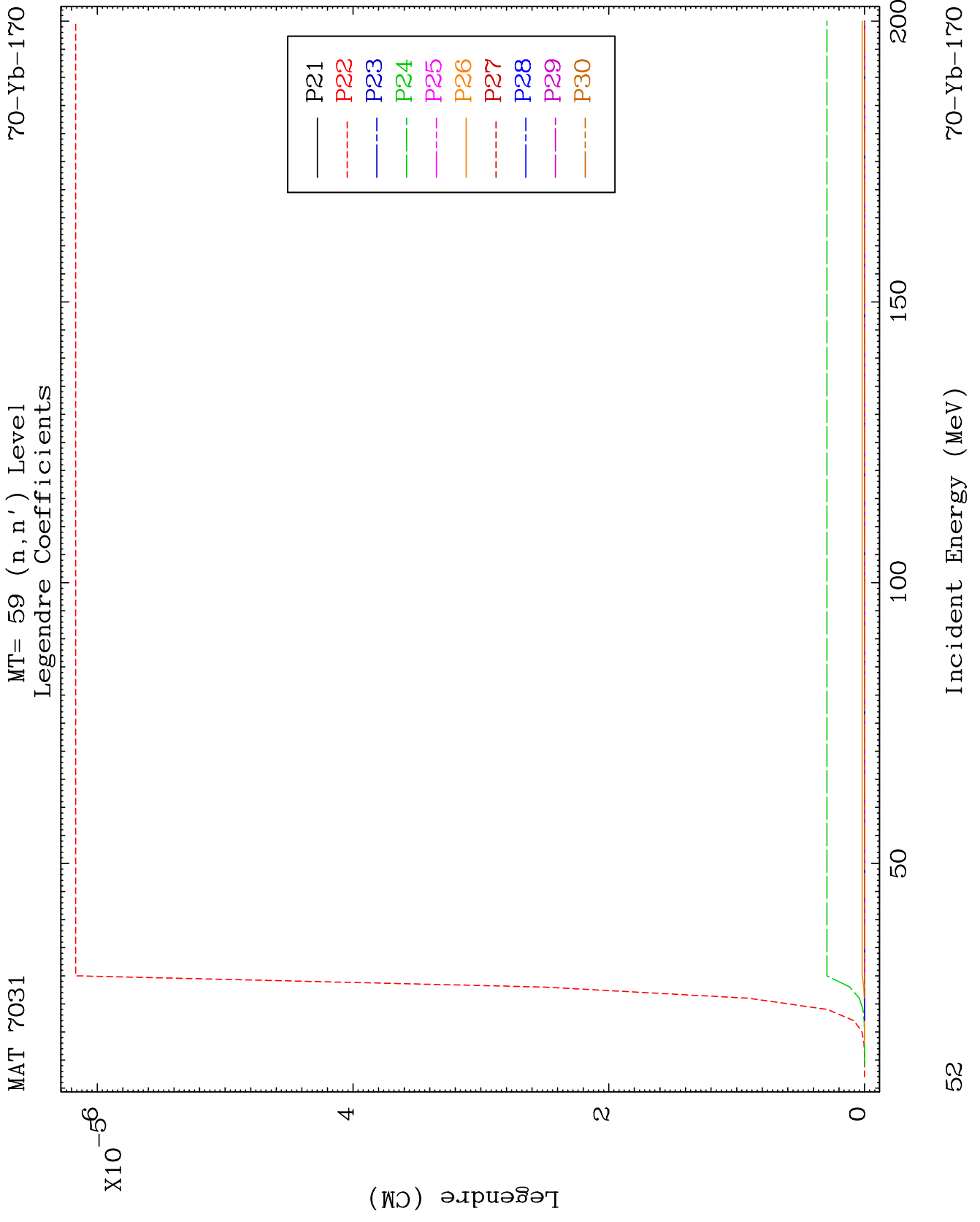
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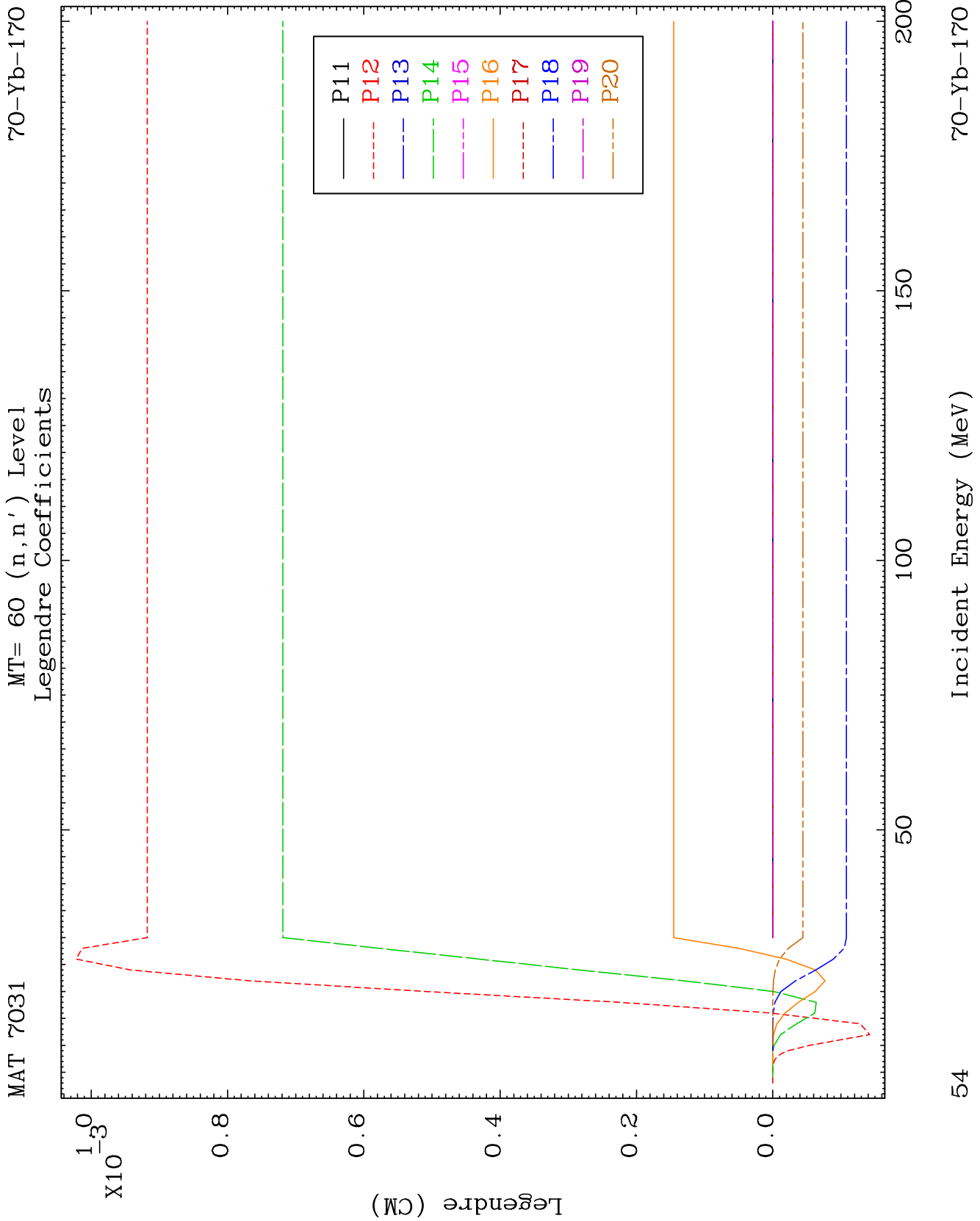
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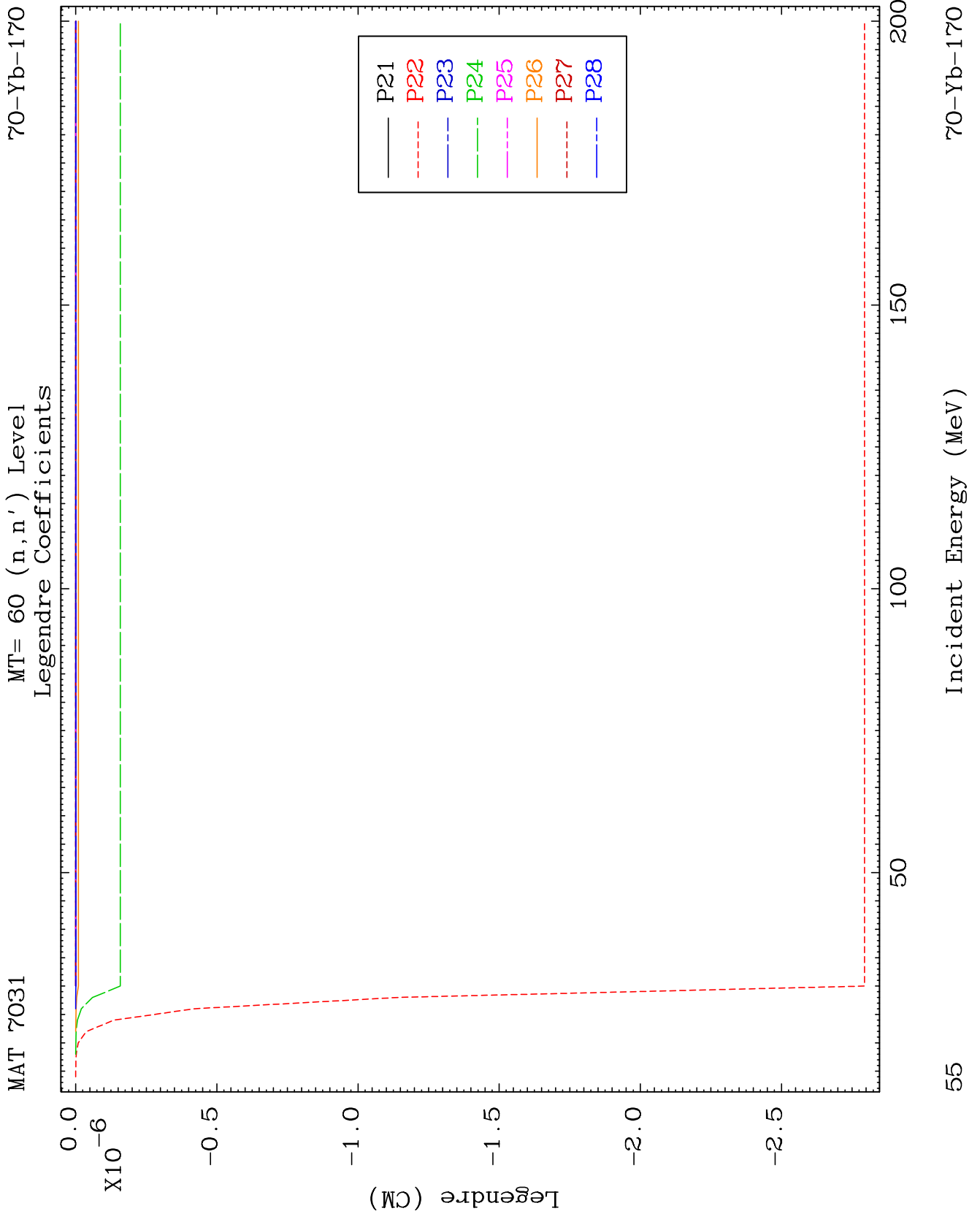
Incident Energy (MeV)

70-Yb-170

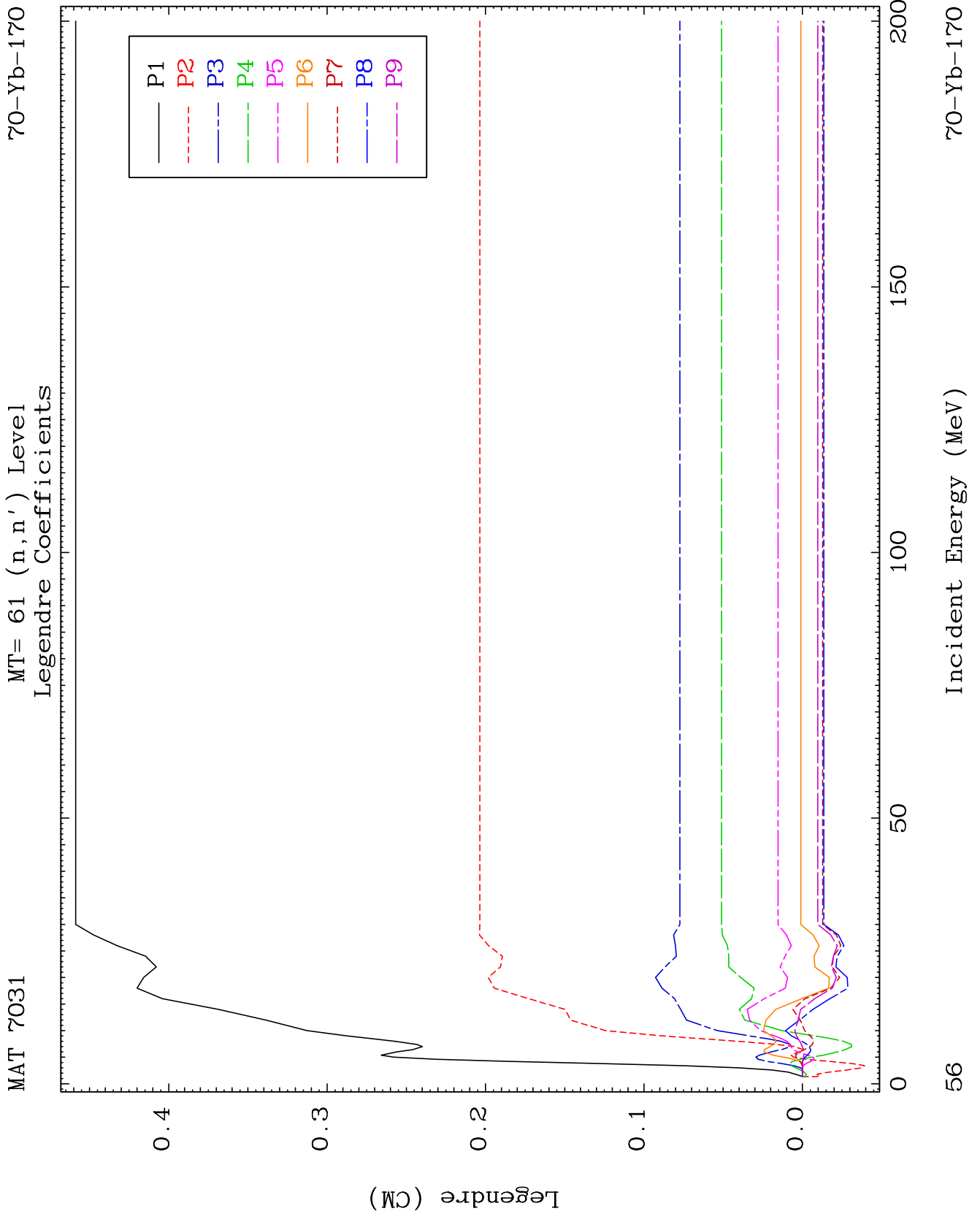


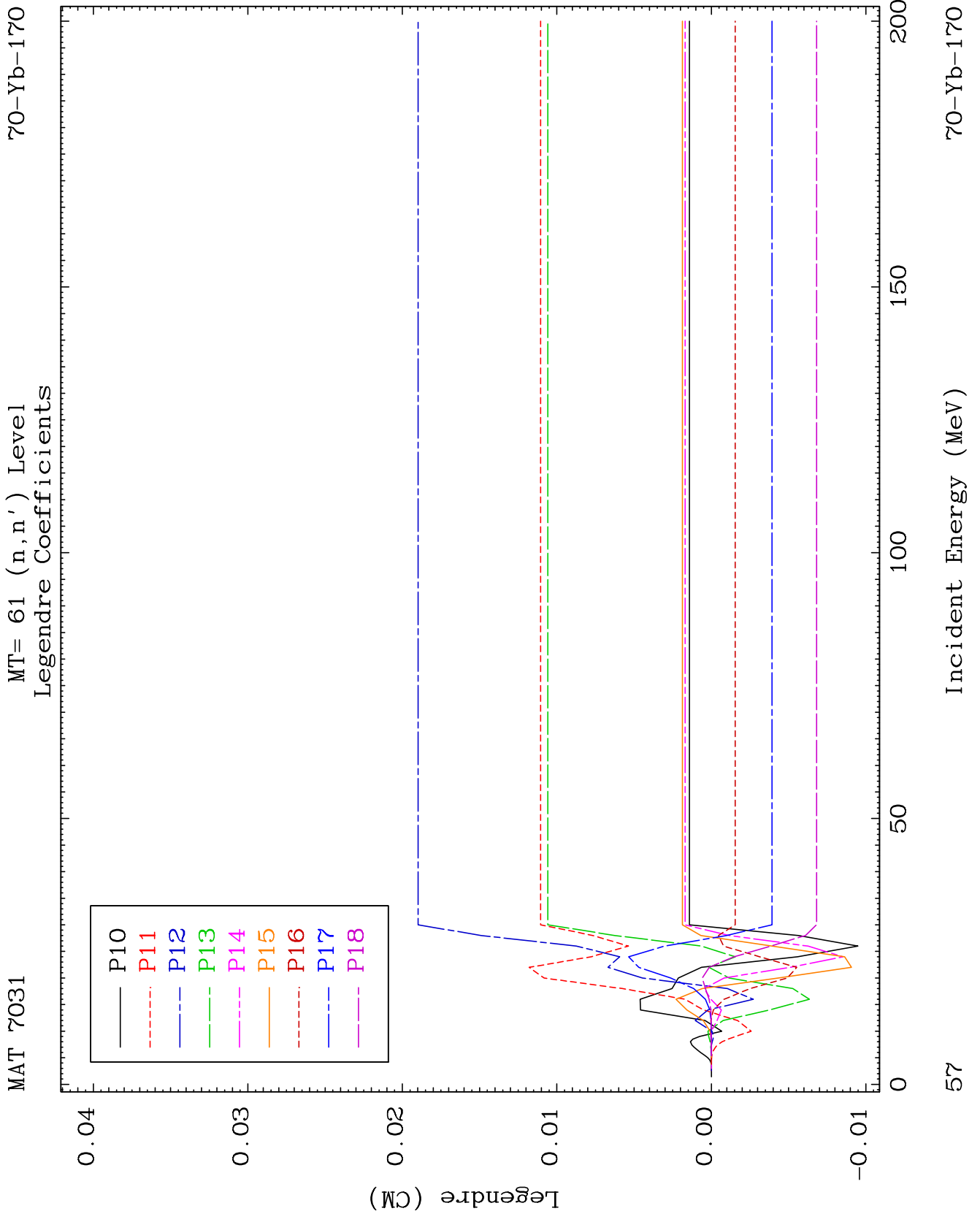








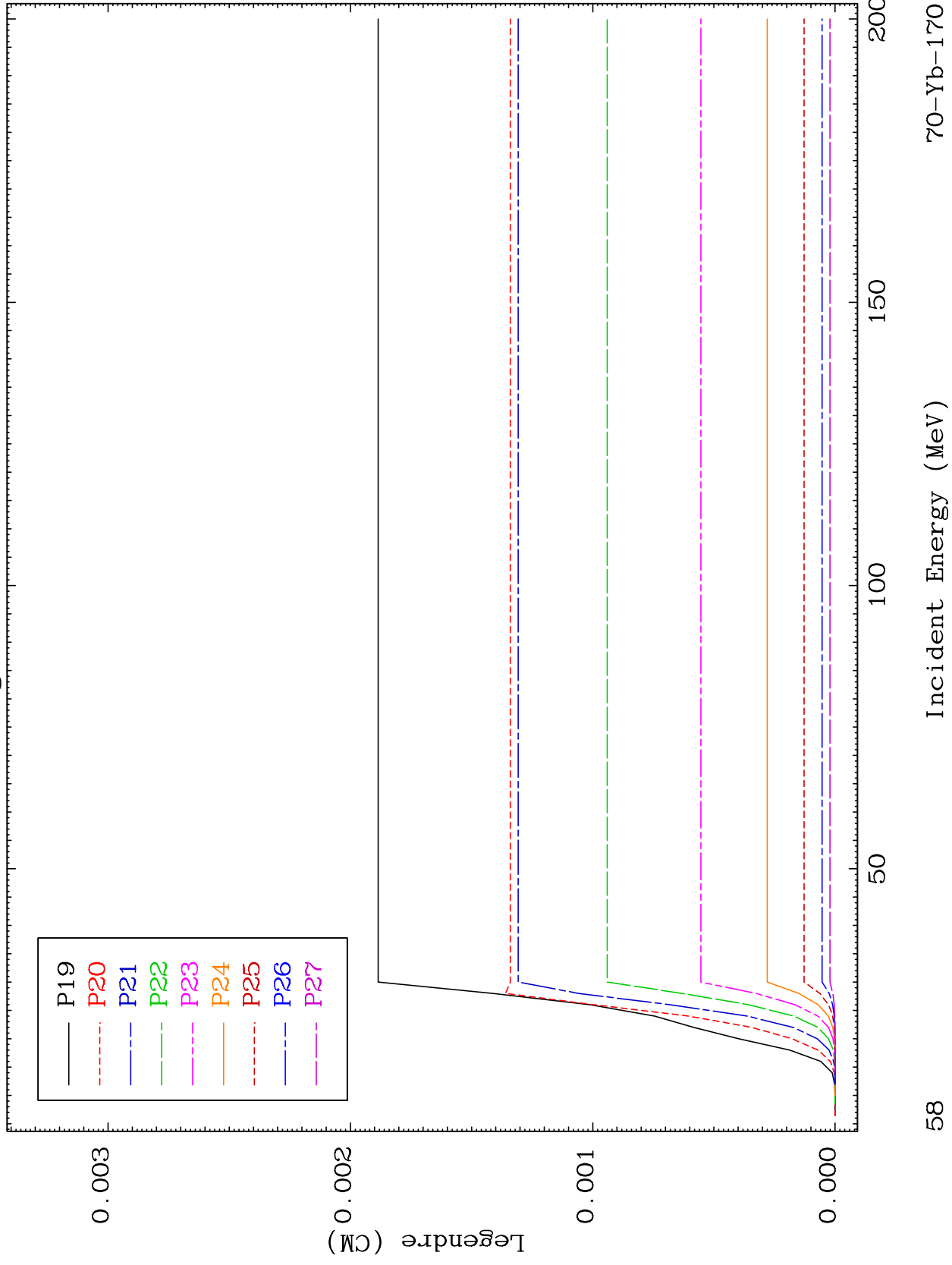




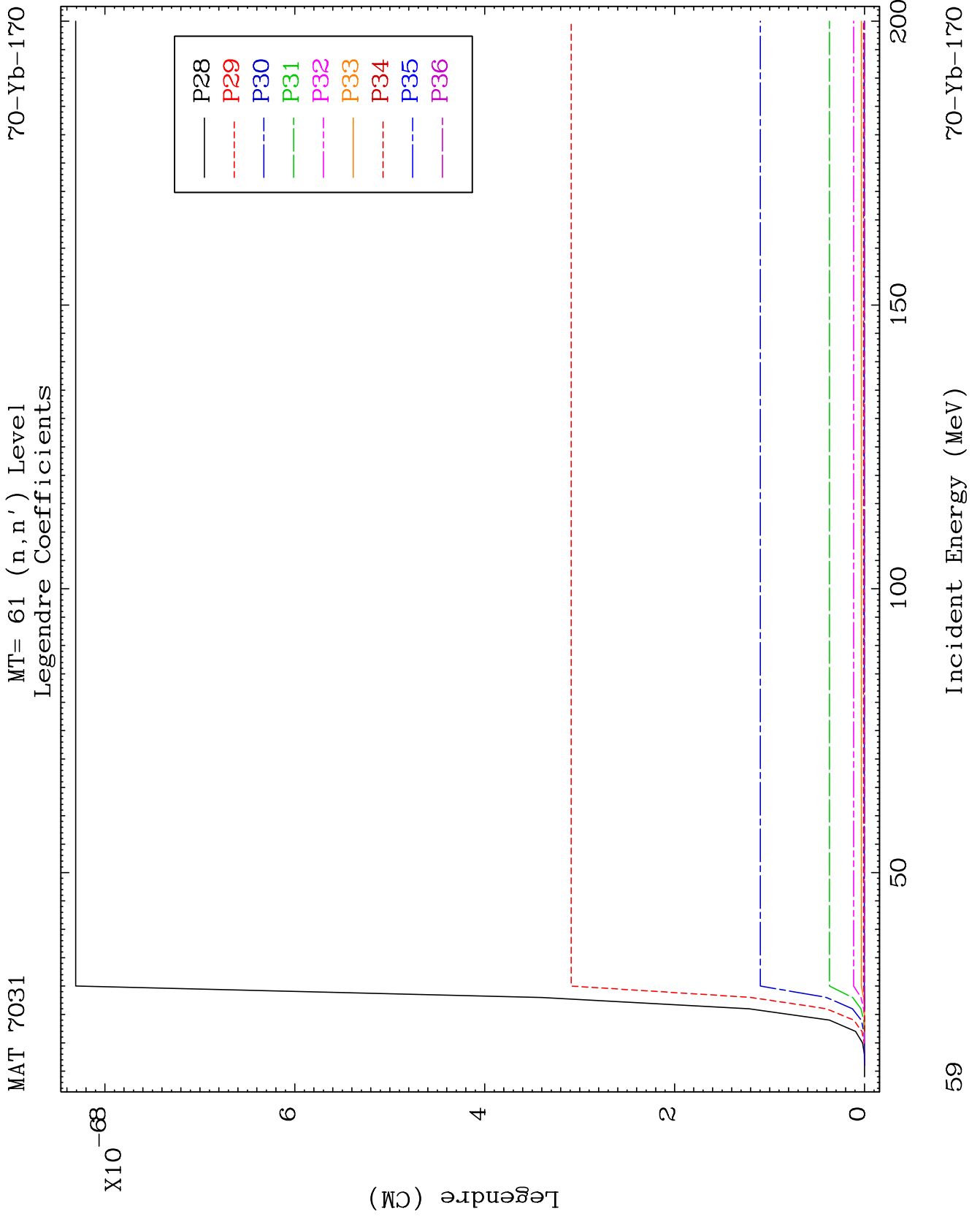
MAT 7031

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

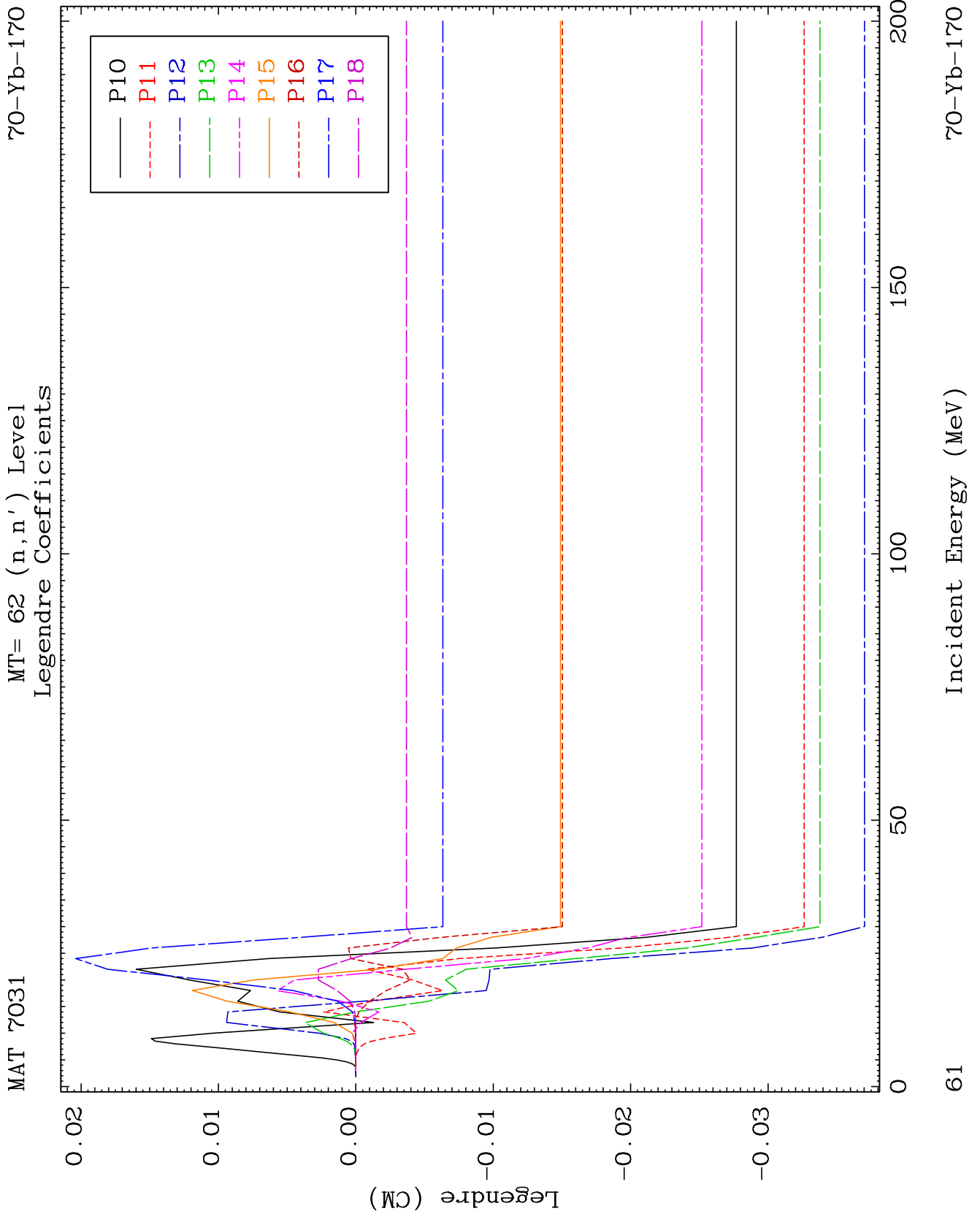
70-Yb-170



58



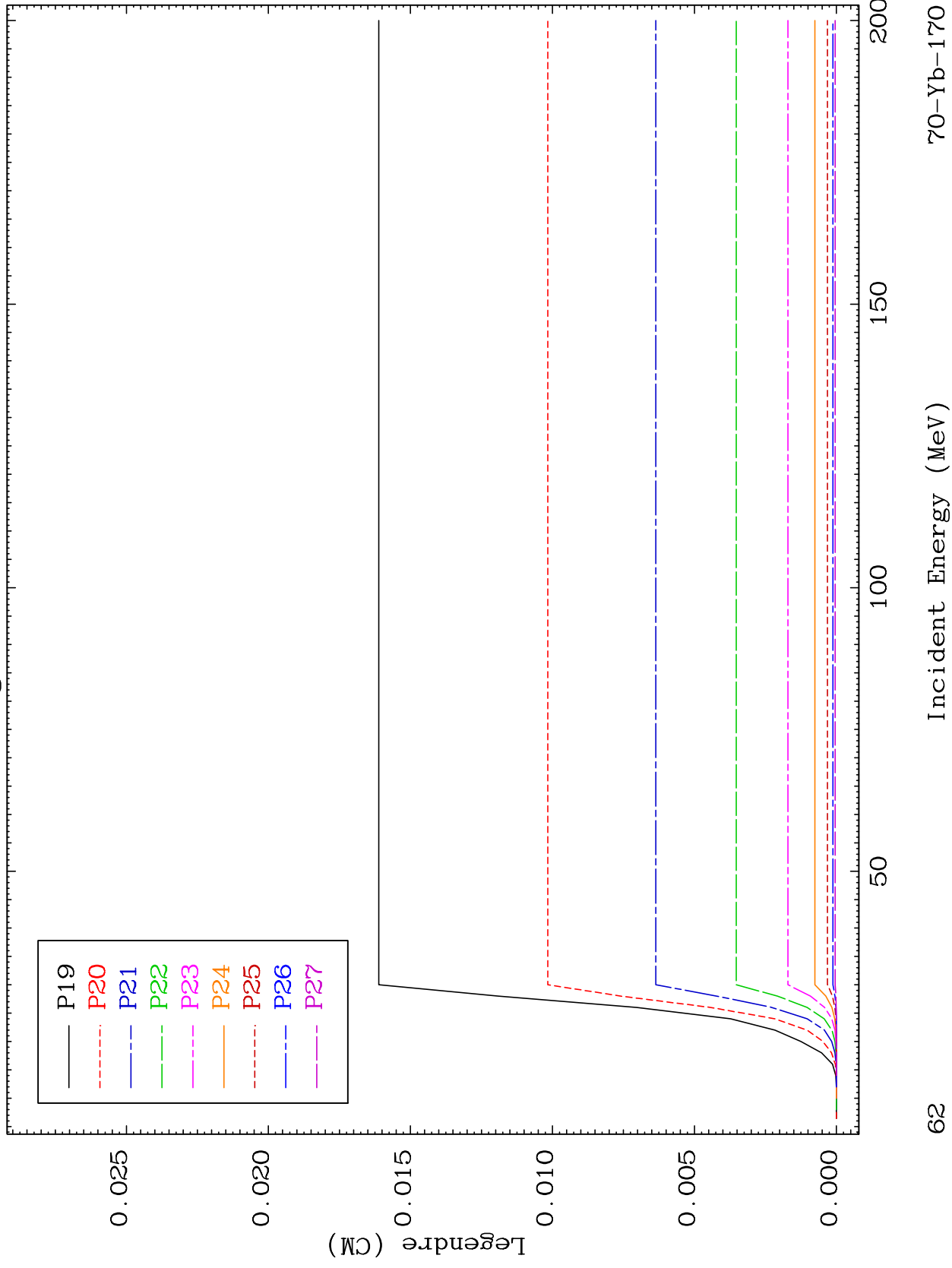




MAT 7031

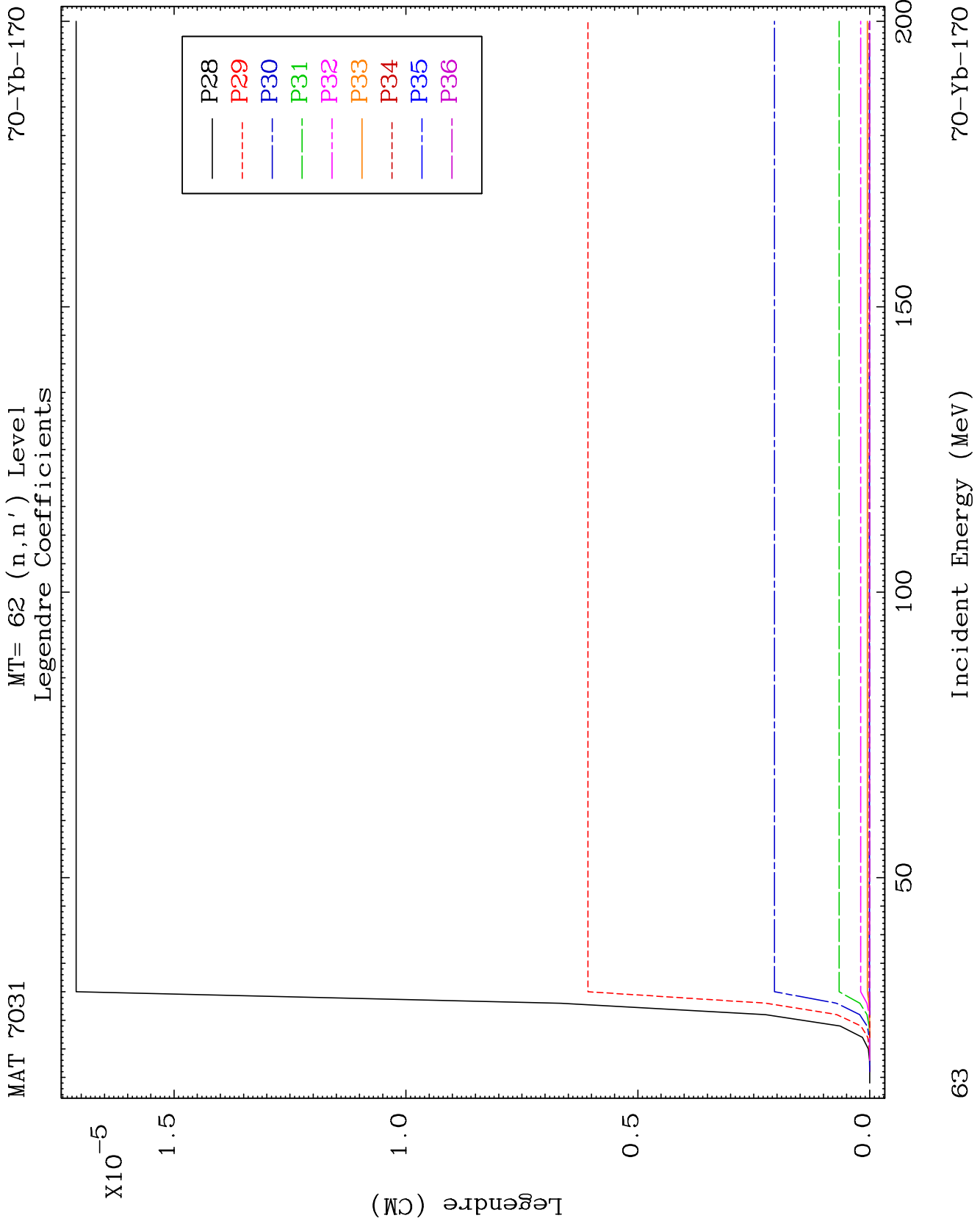
MT= 62 (n,n') Level  
Legendre Coefficients

70-Yb-170

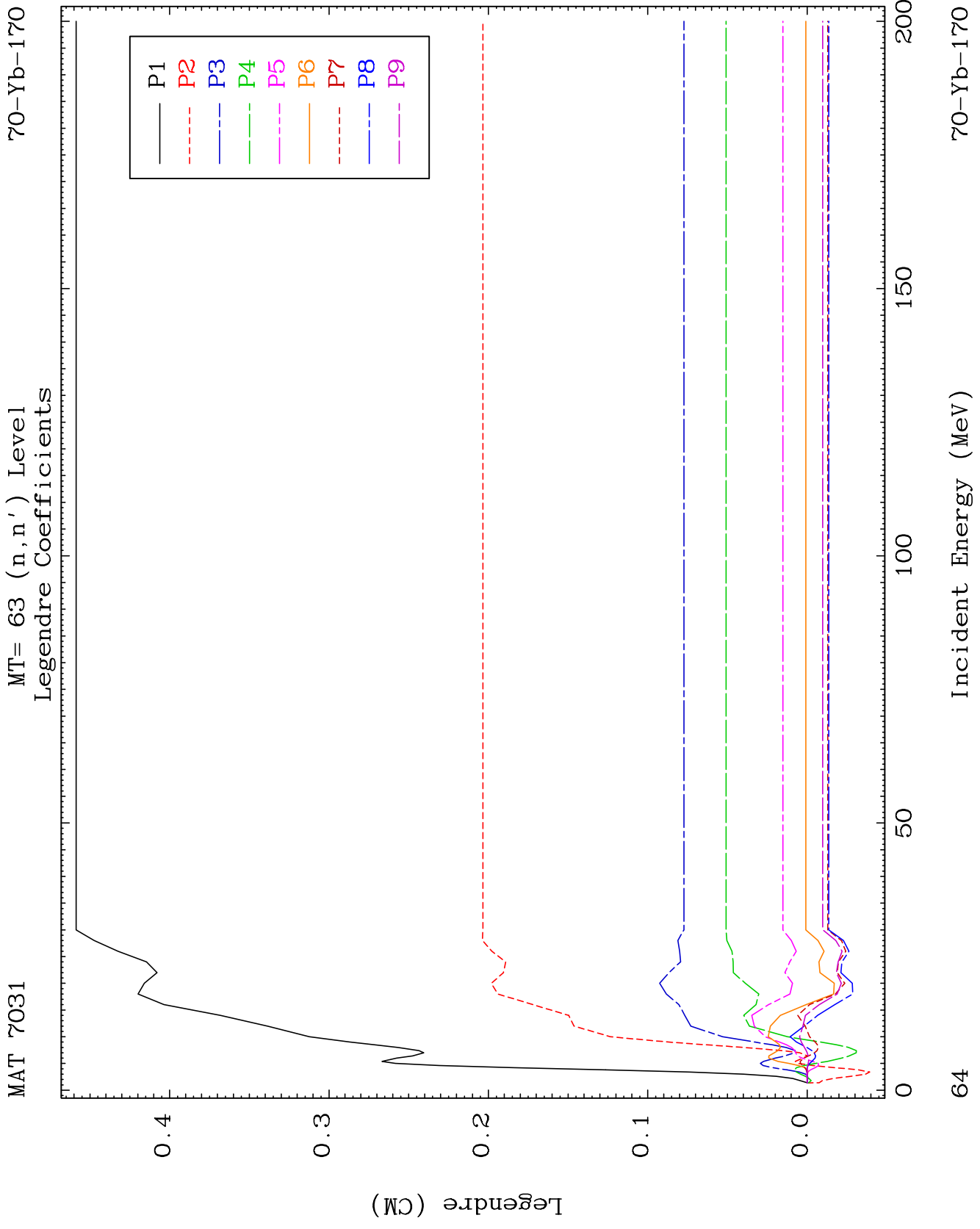


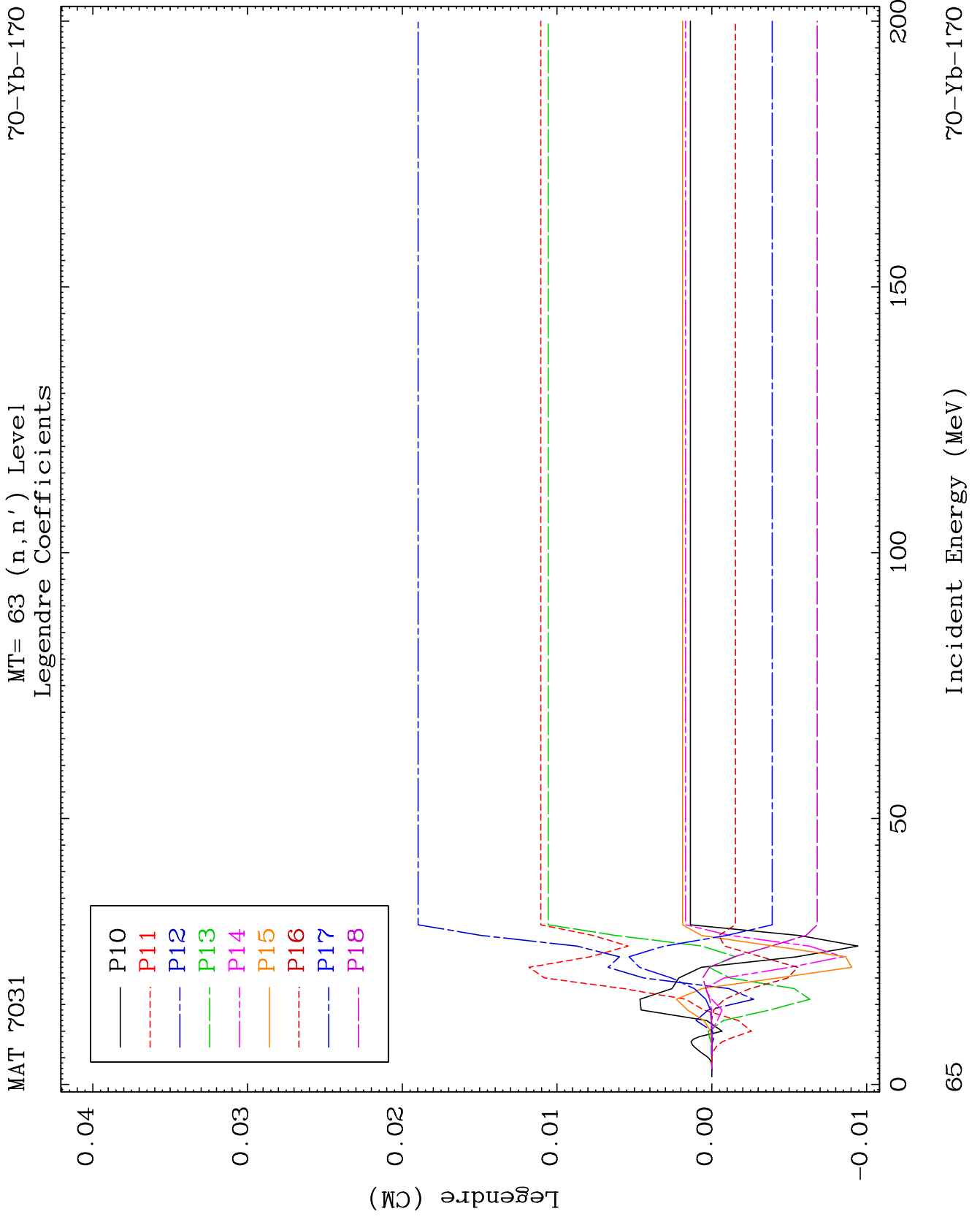
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70-Yb-170





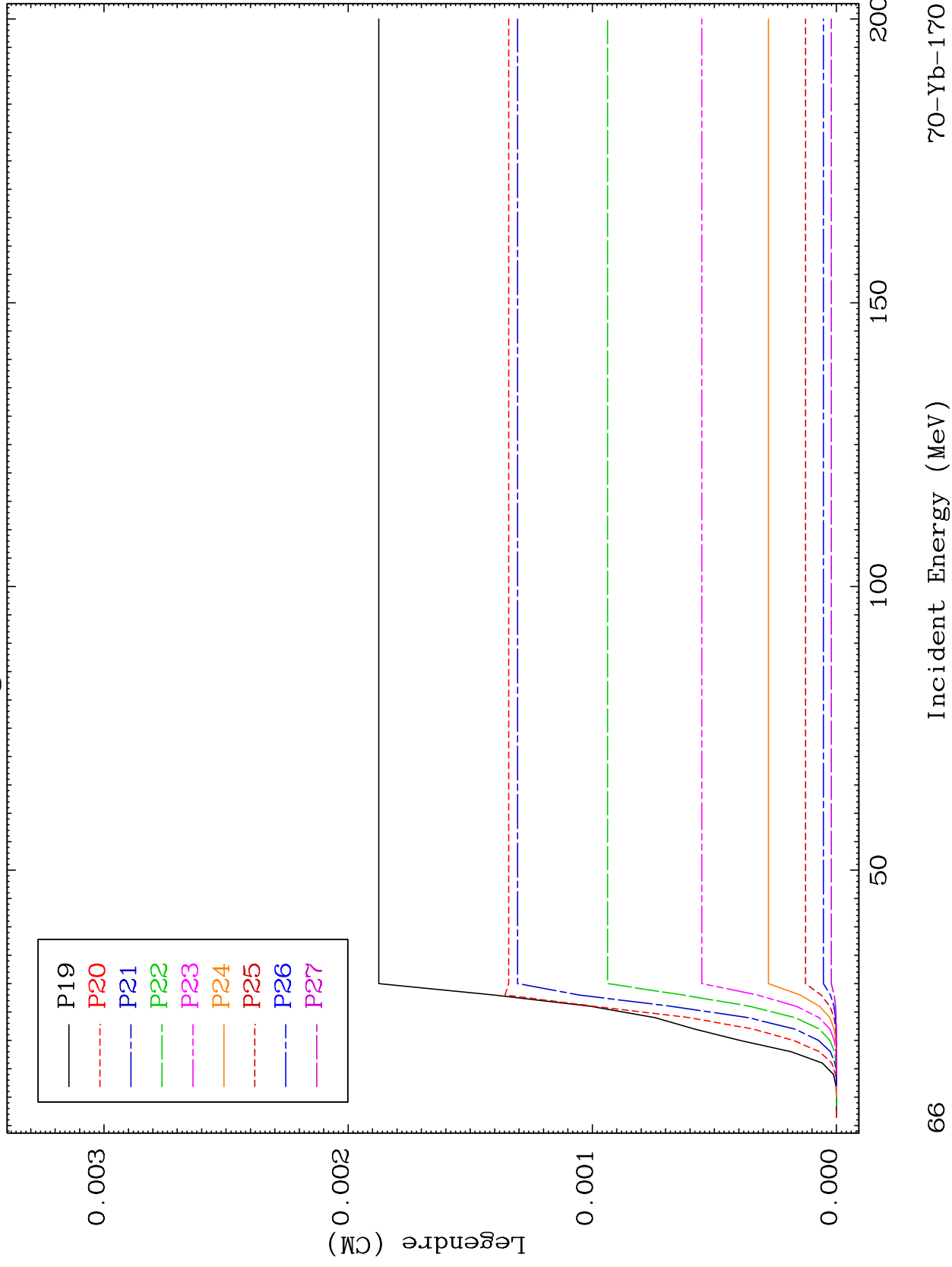




MAT 7031

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

70-Yb-170



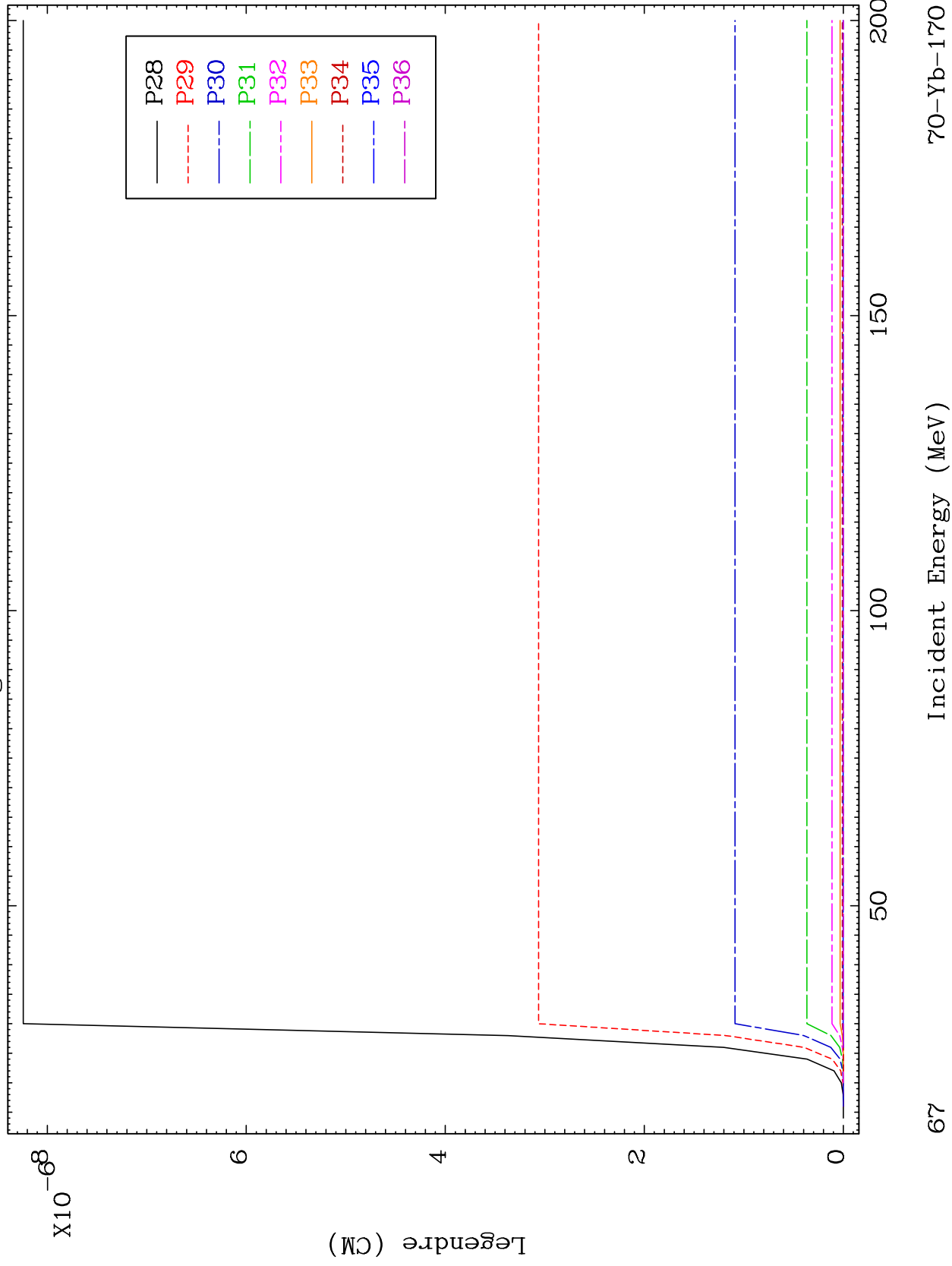
66

70-Yb-170

MAT 7031

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

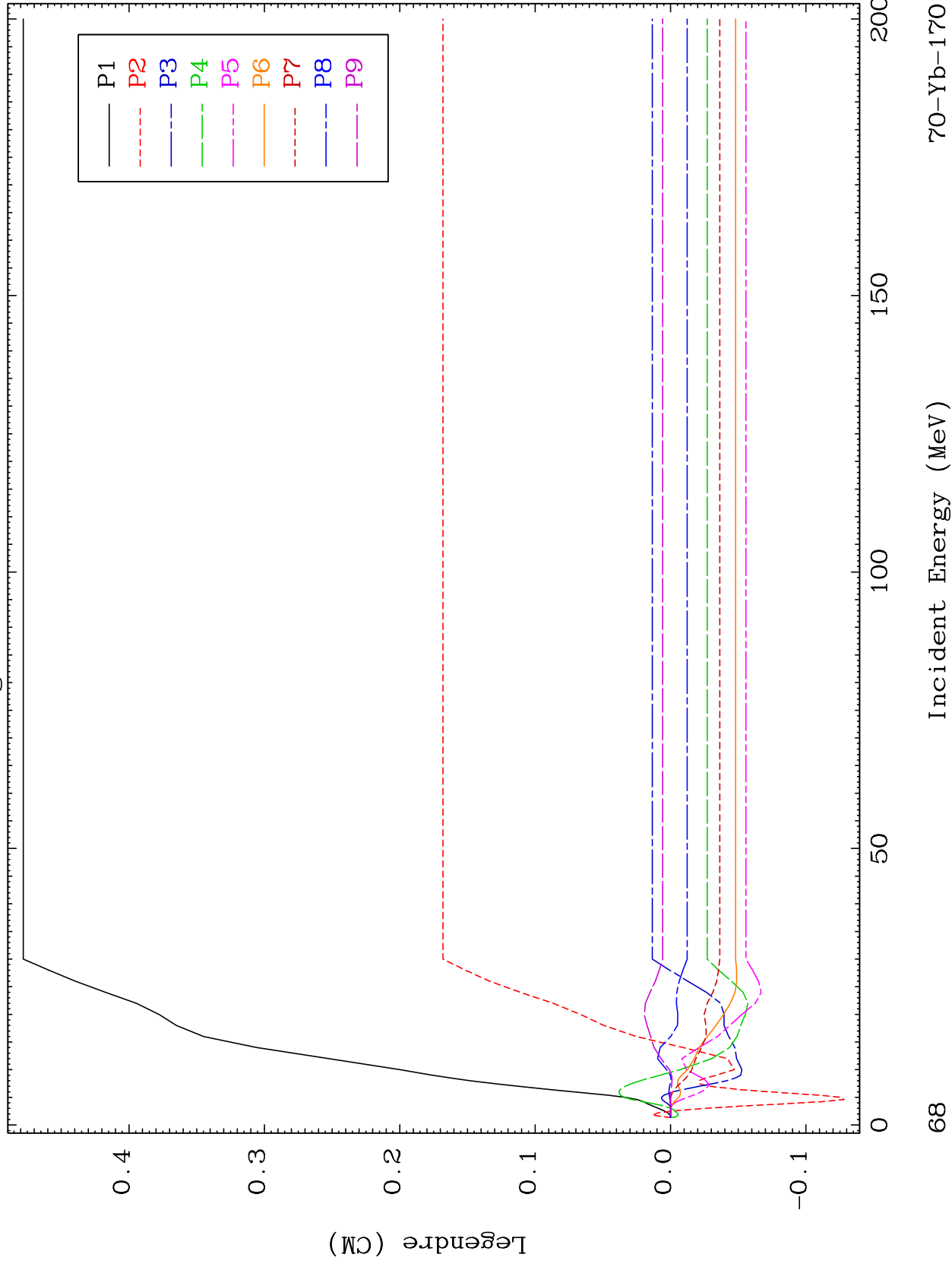
70-Yb-170



MAT 7031

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

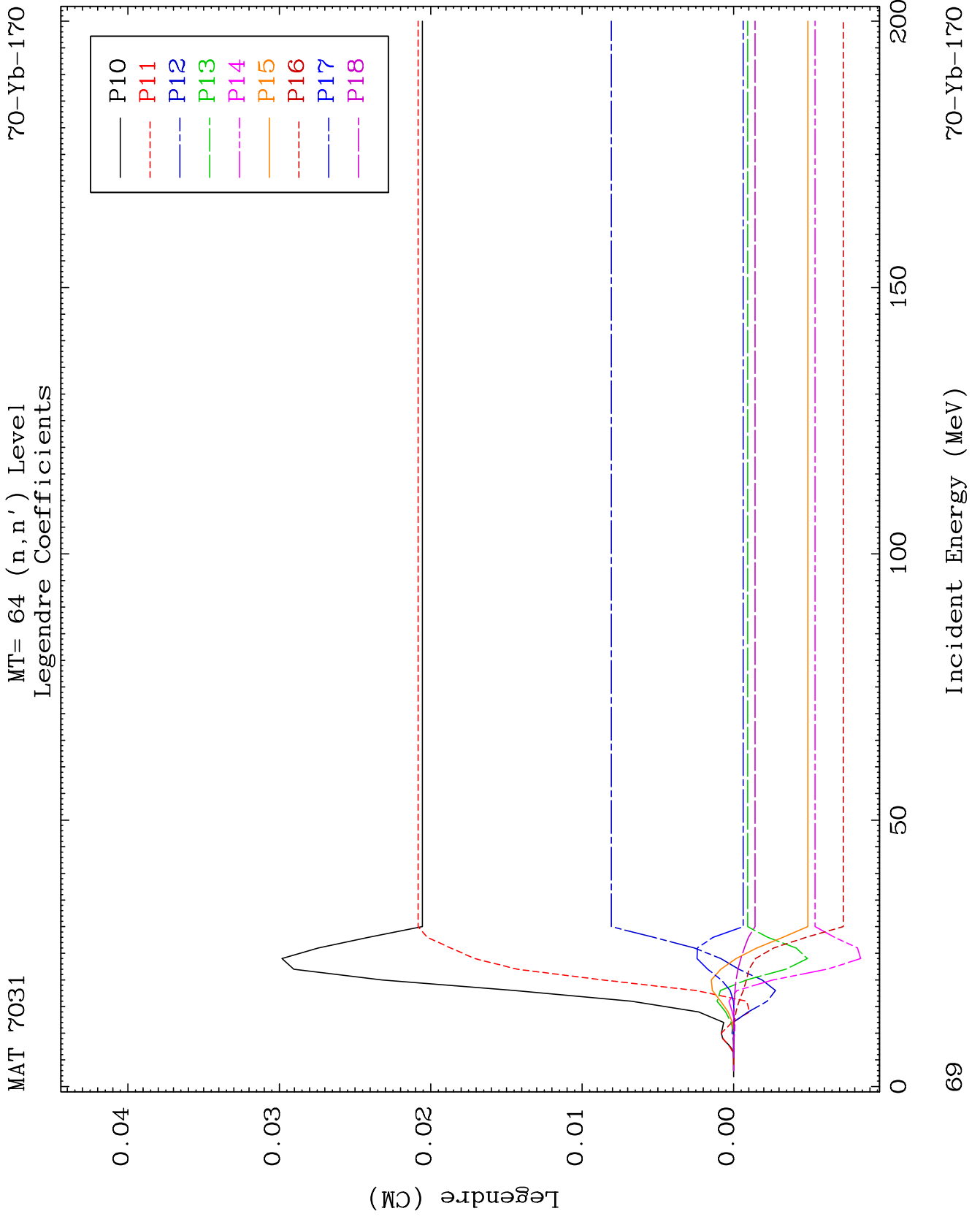
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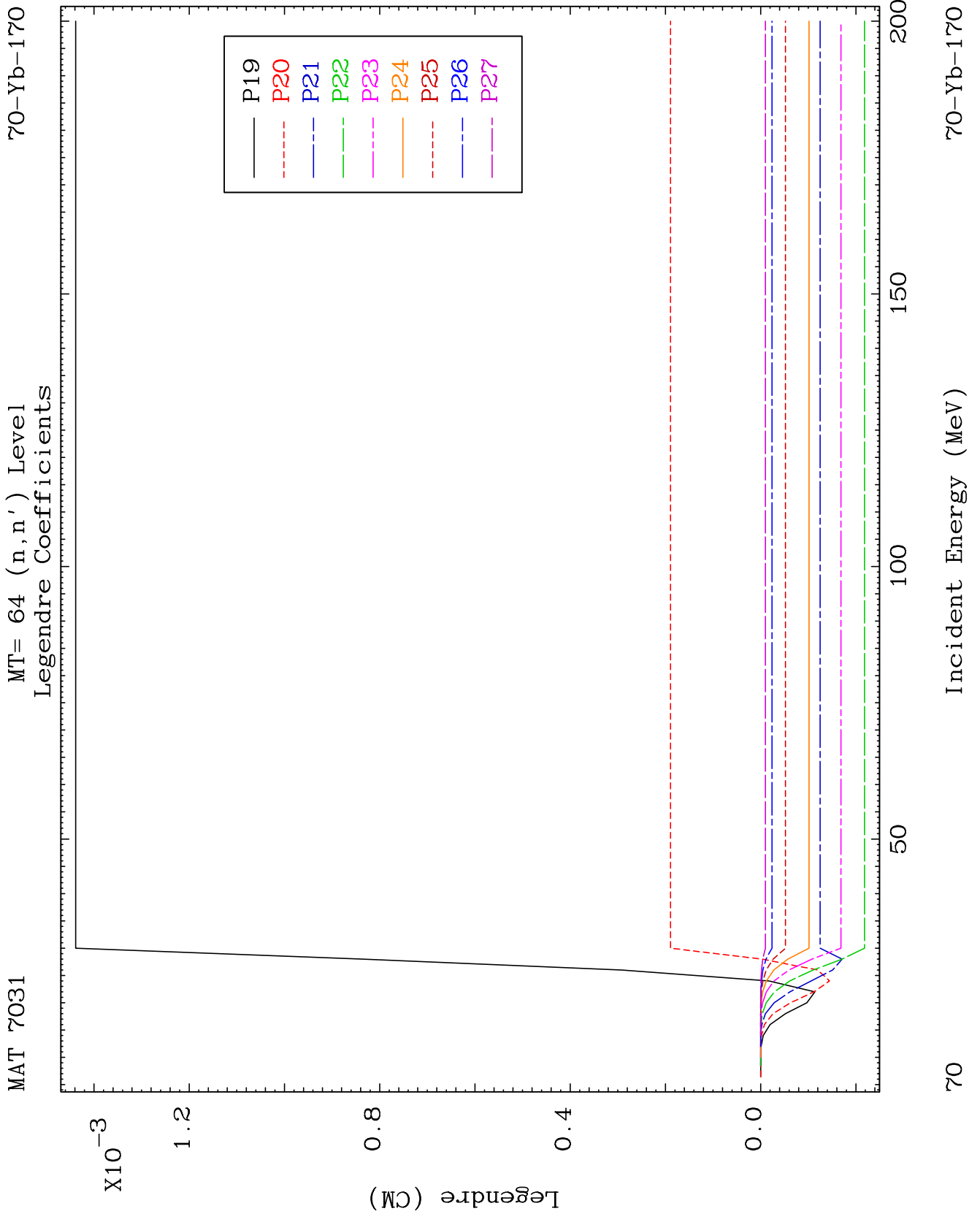


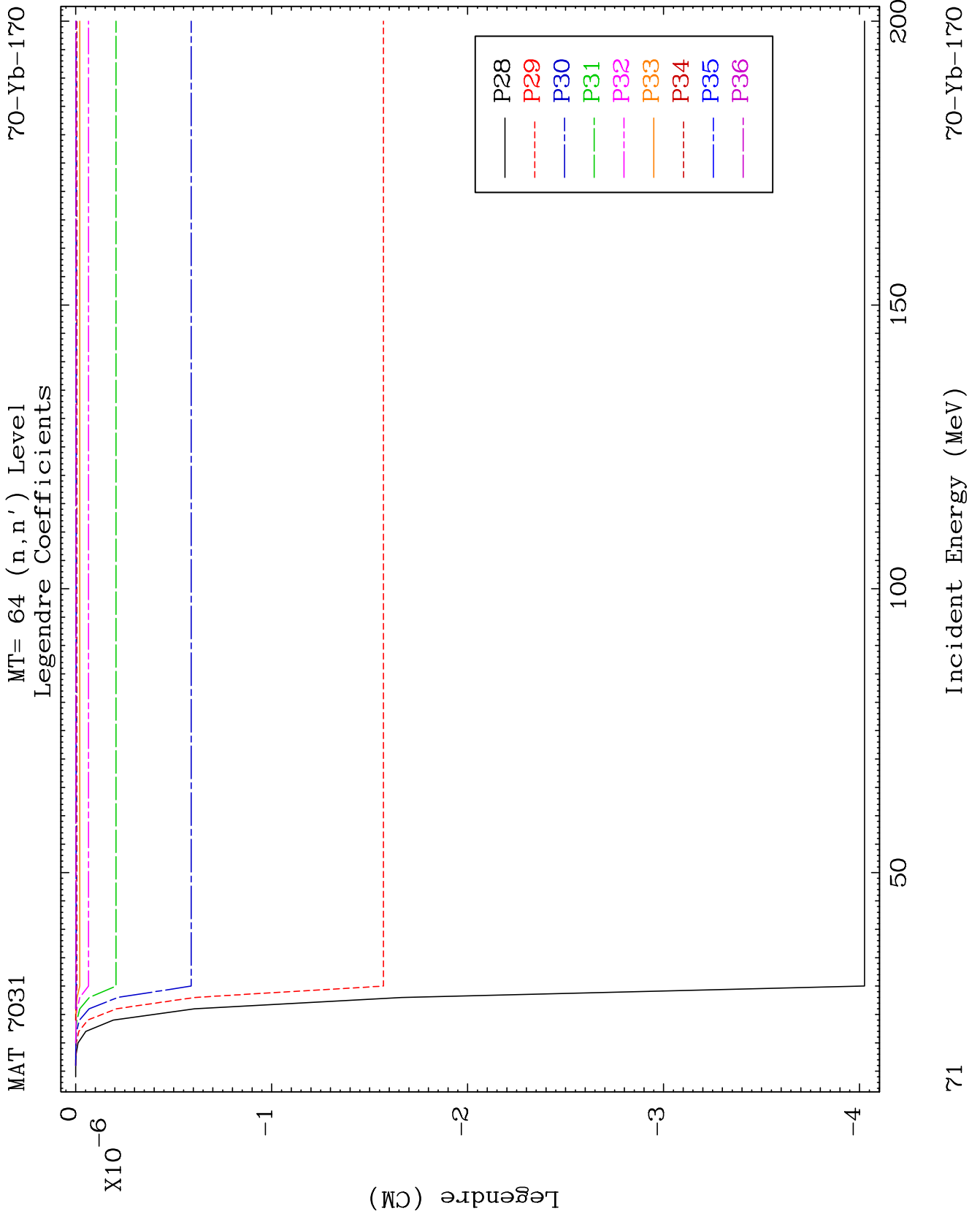
70-Yb-170

Incident Energy (MeV)

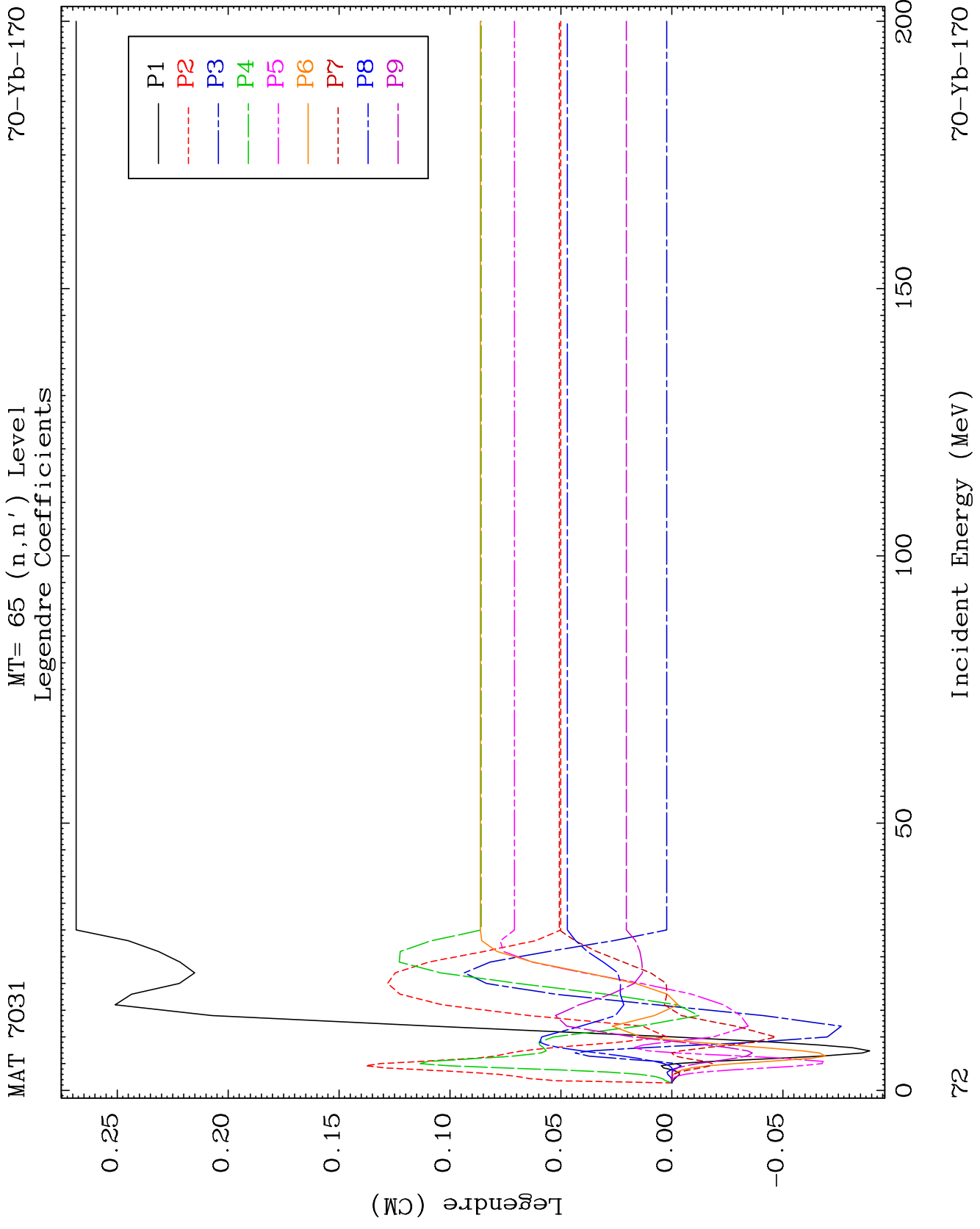
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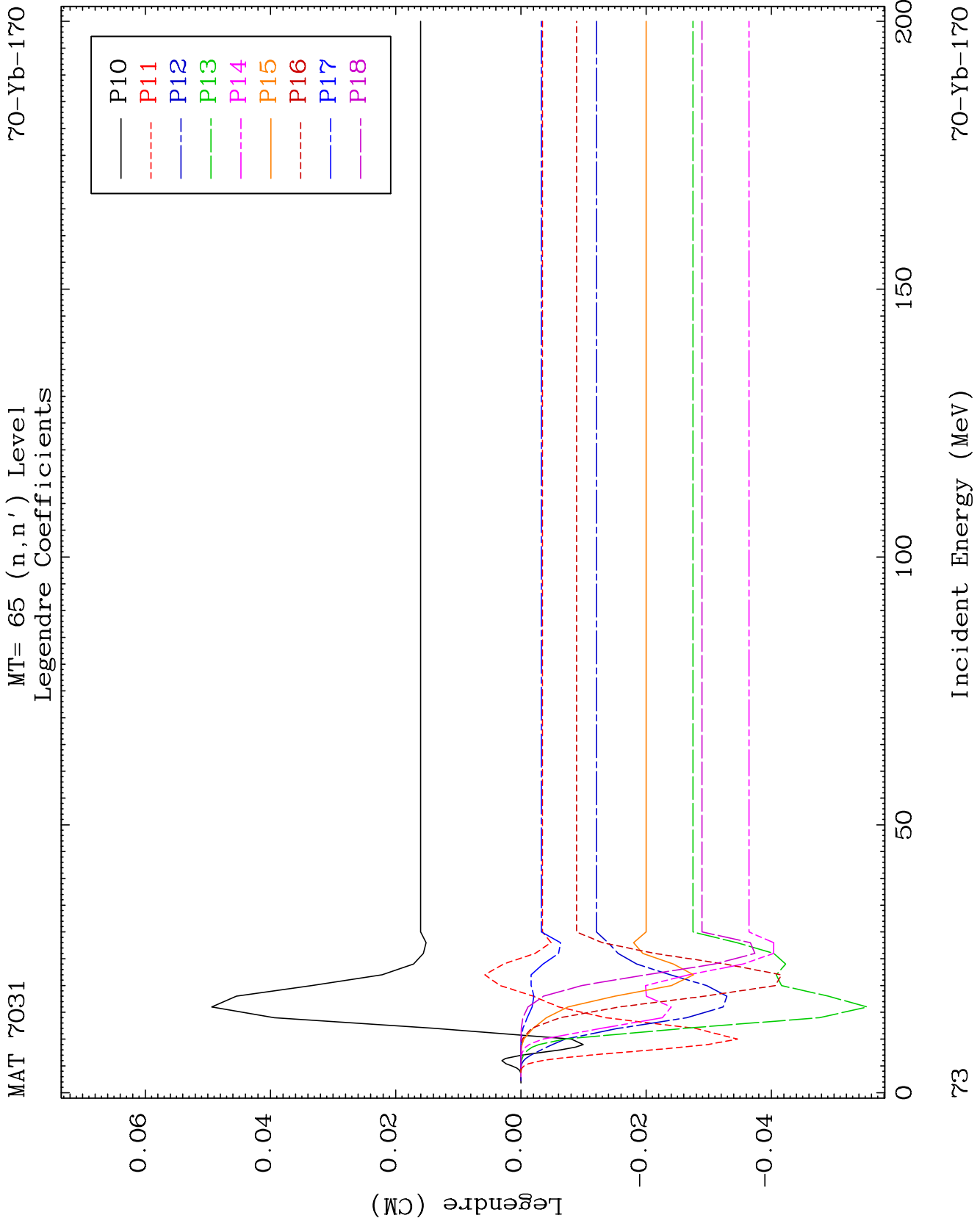


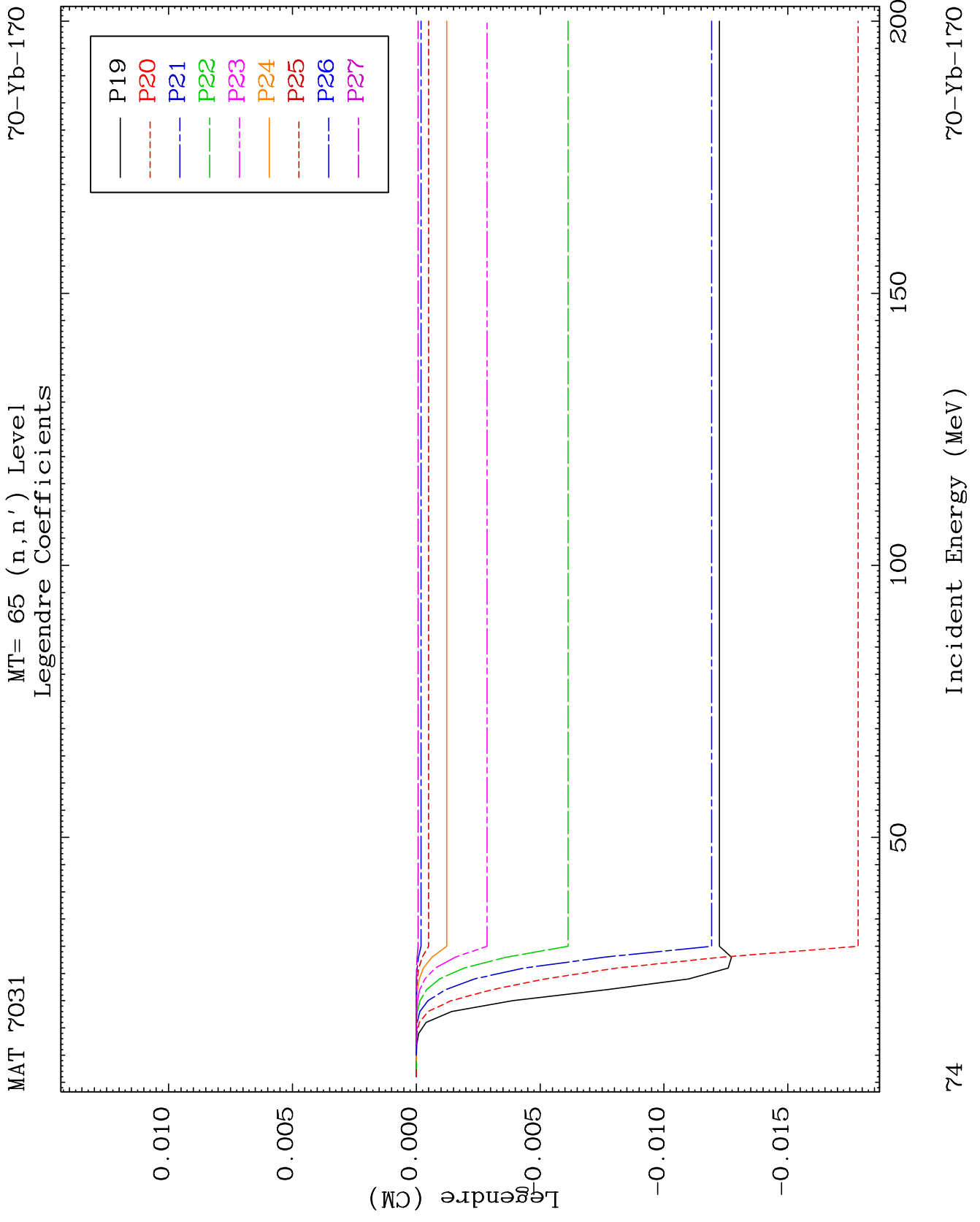


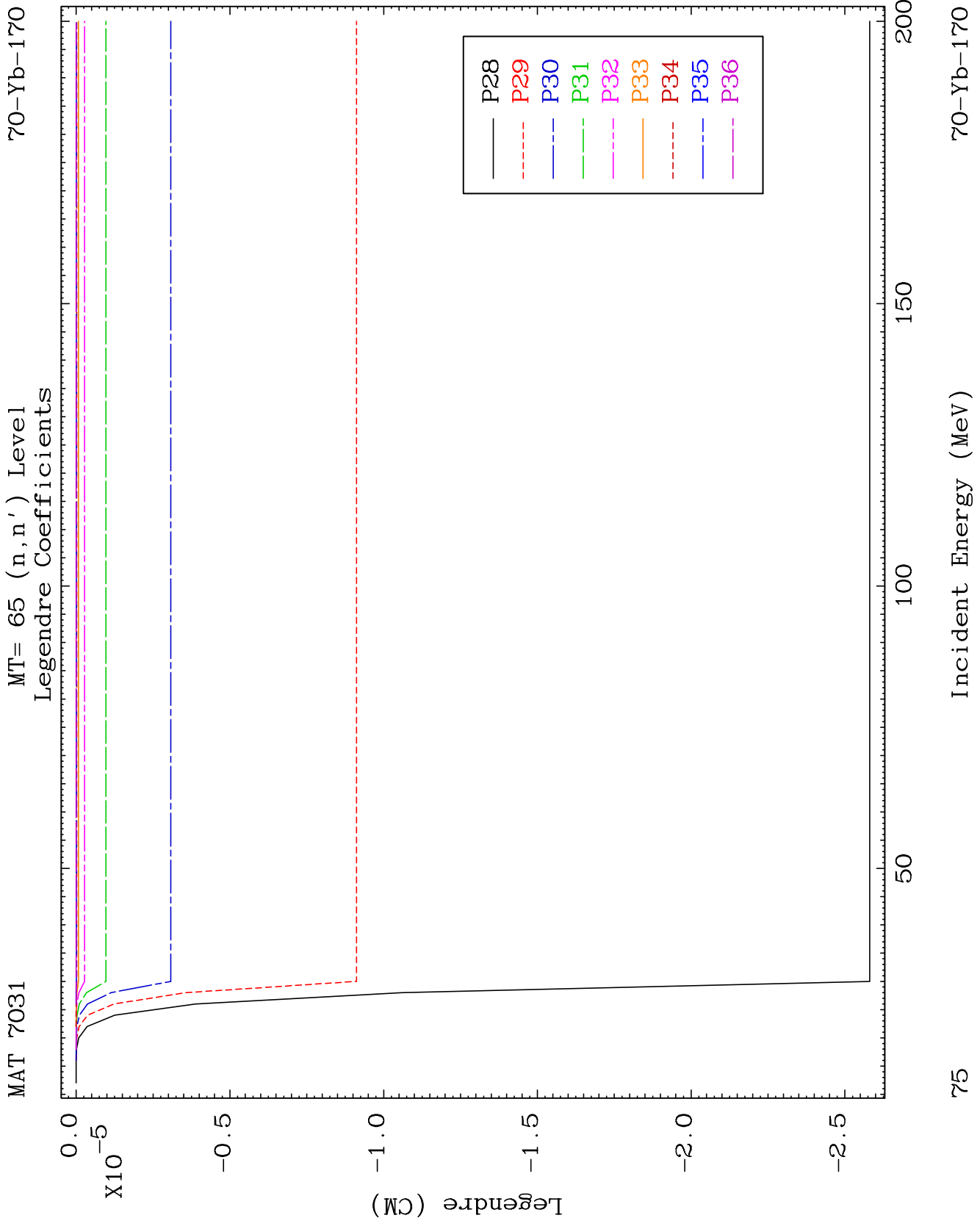










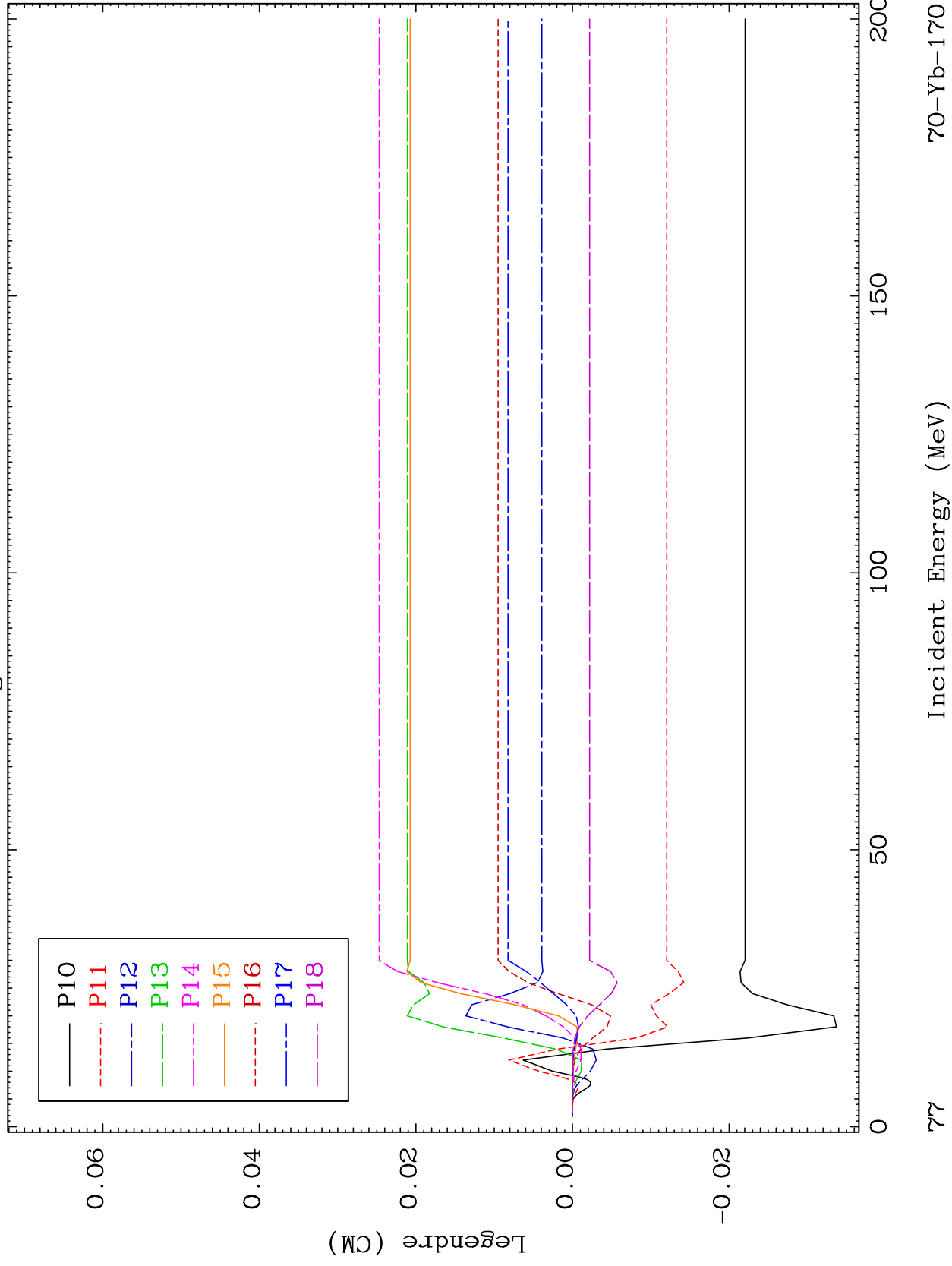




MAT 7031

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

70-Yb-170



77

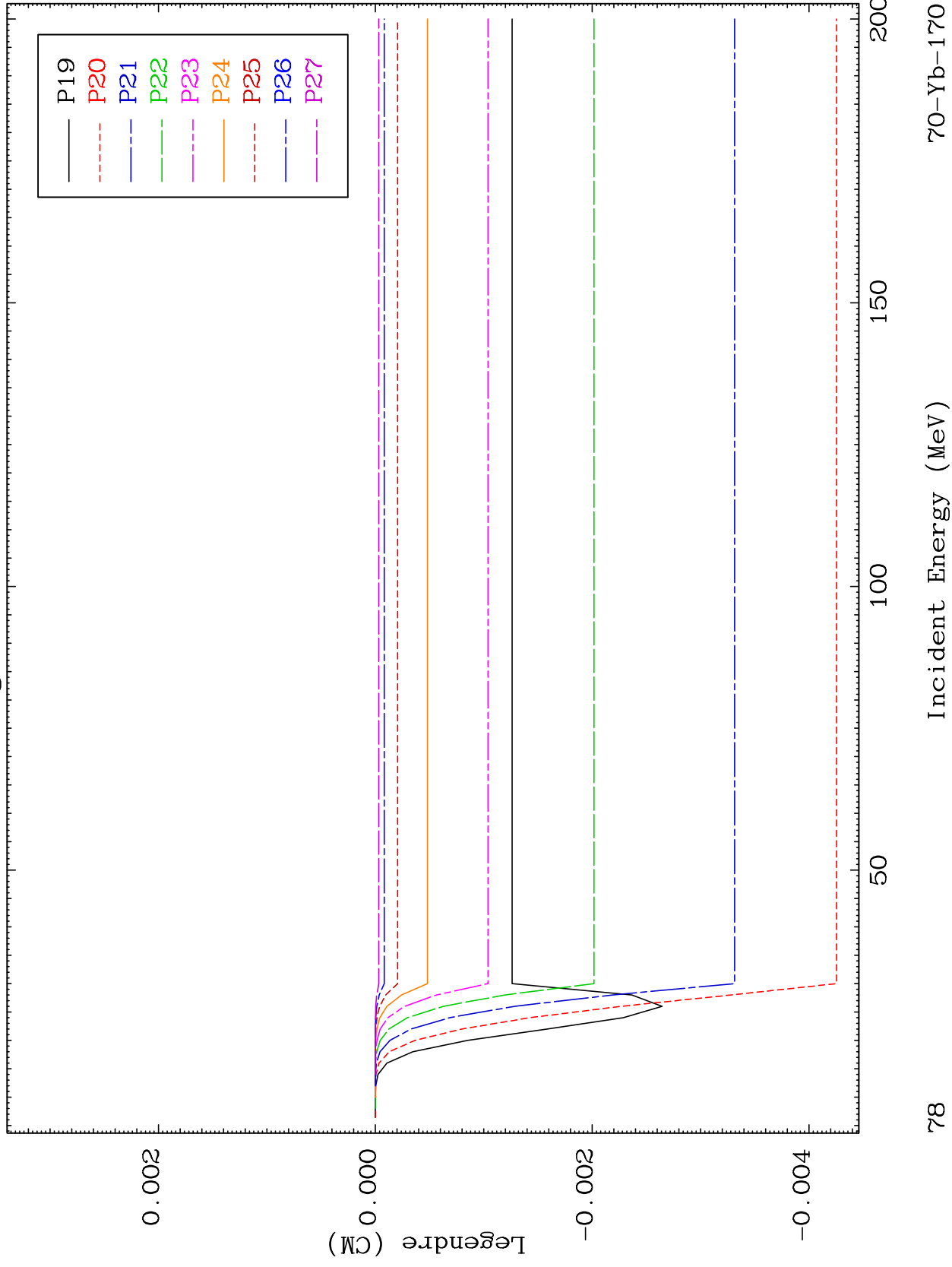
Incident Energy (MeV)

70-Yb-170

MAT 7031

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

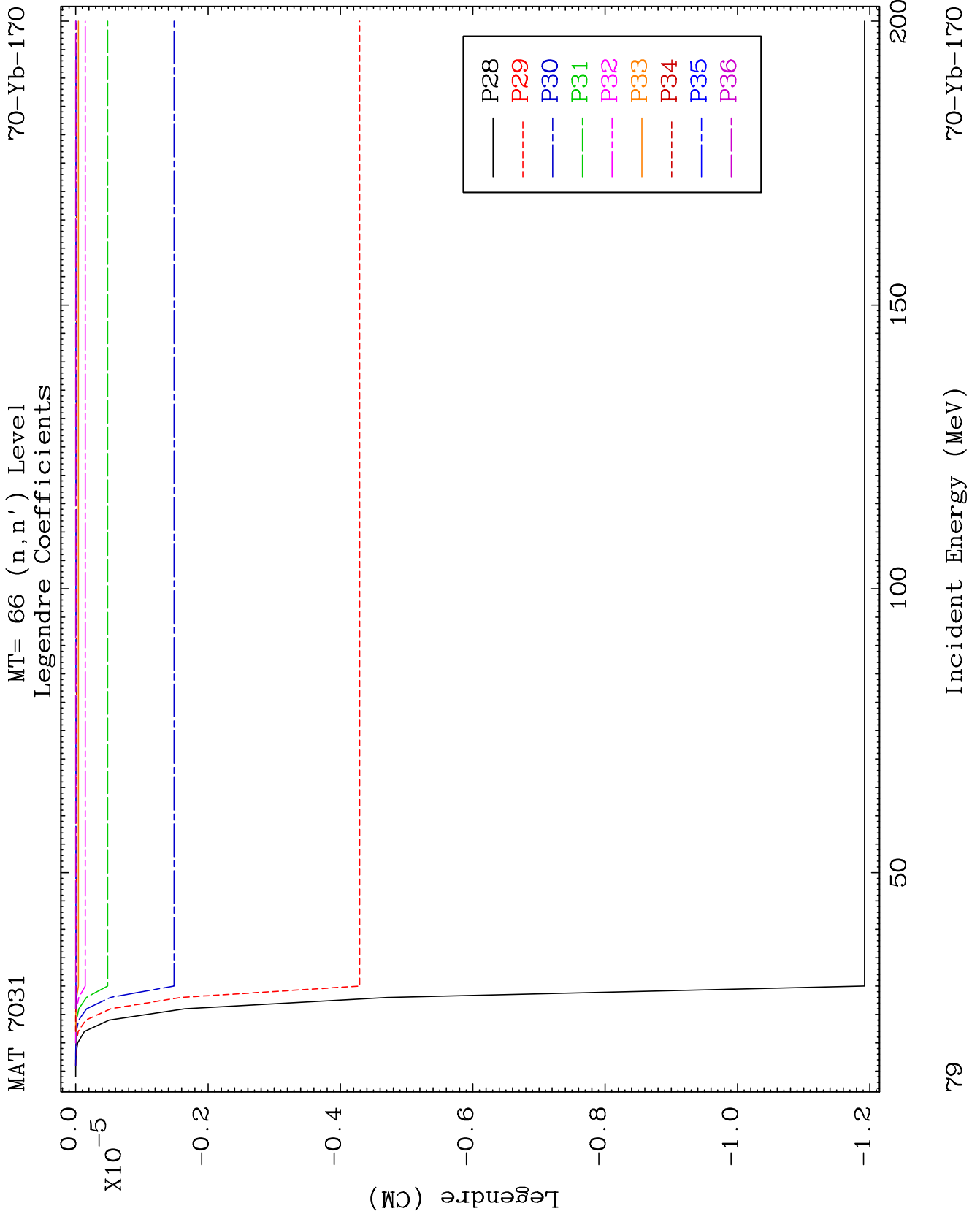
70-Yb-170



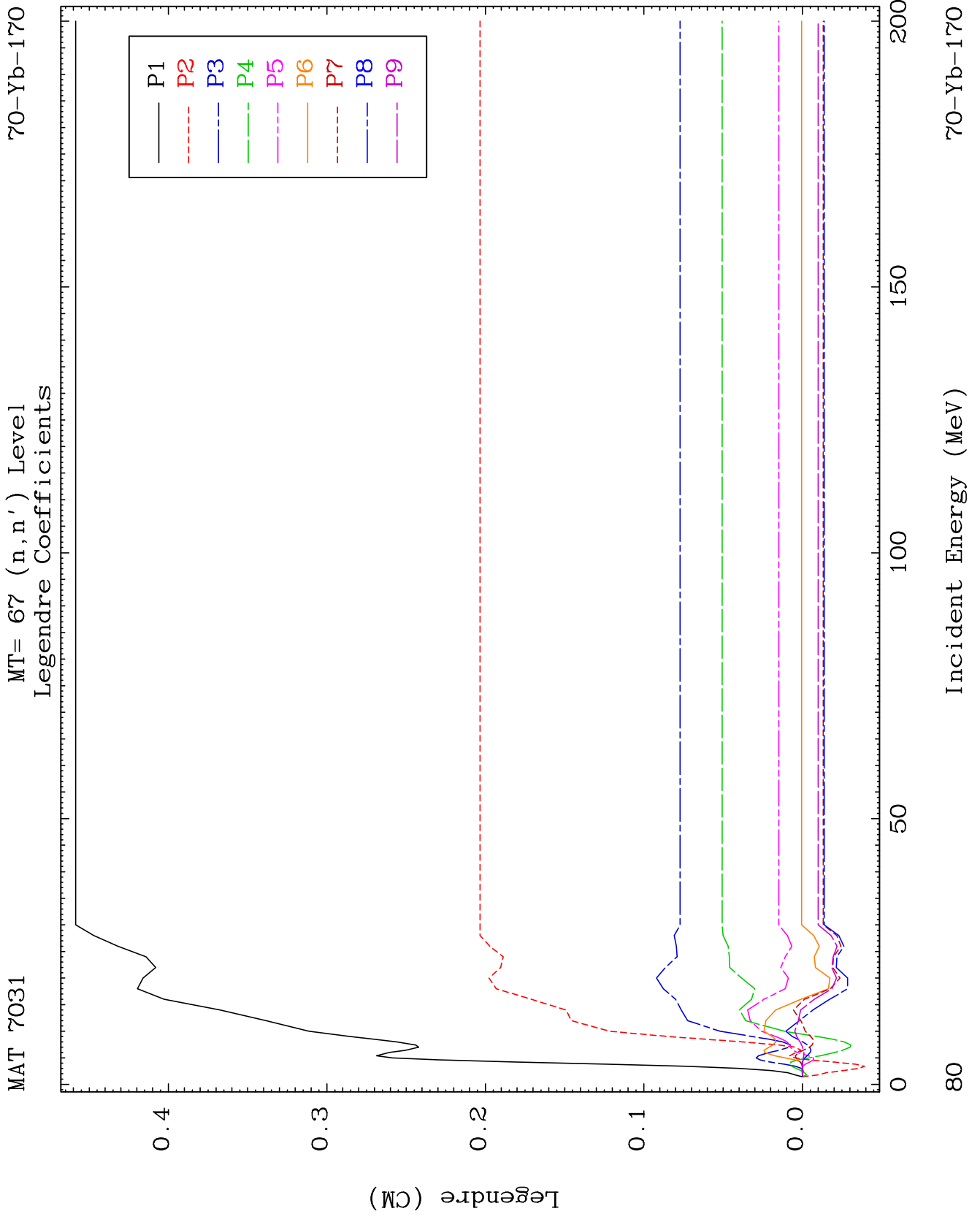
78

Incident Energy (MeV)

70-Yb-170



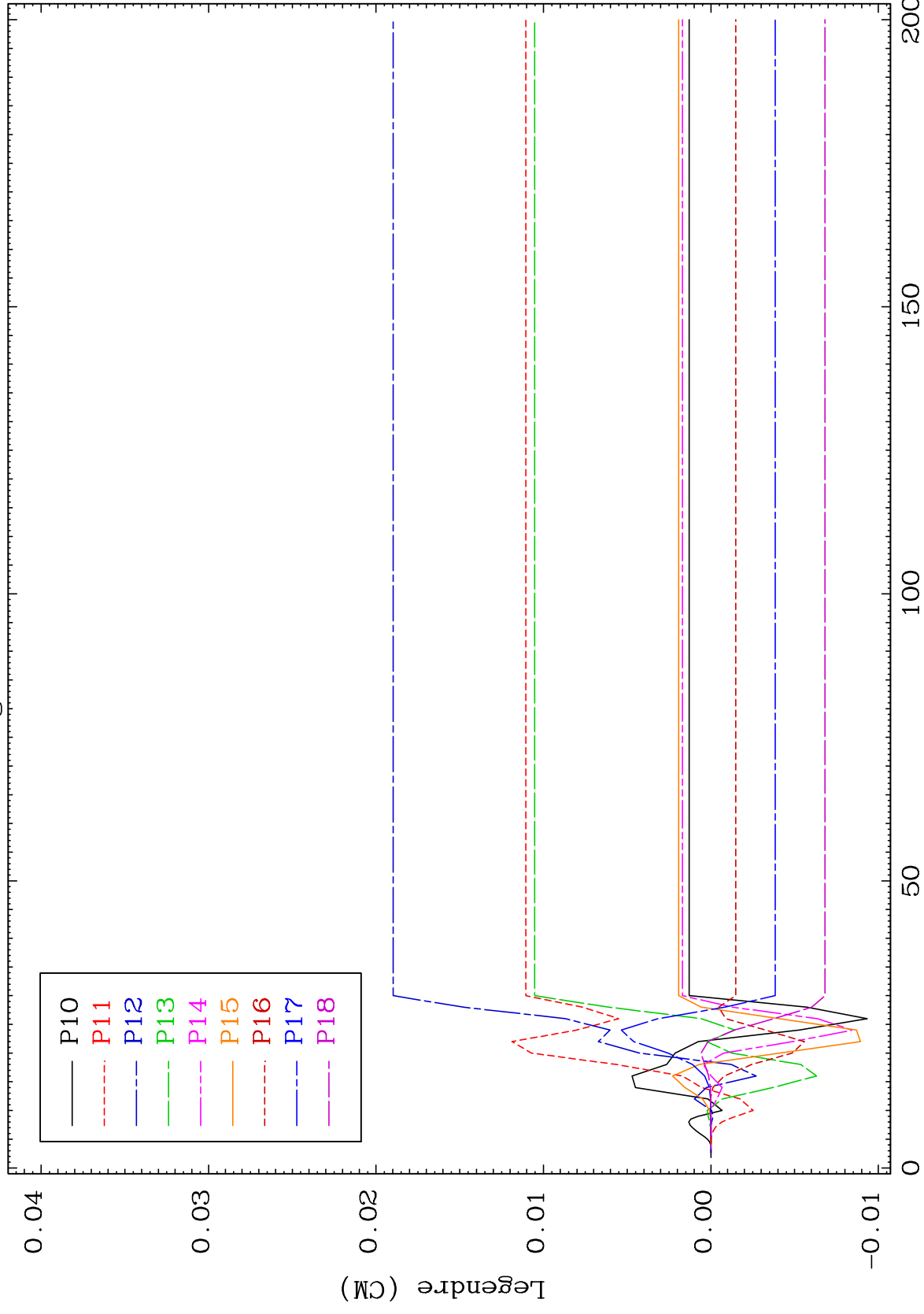




MAT 7031

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

70-Yb-170



81

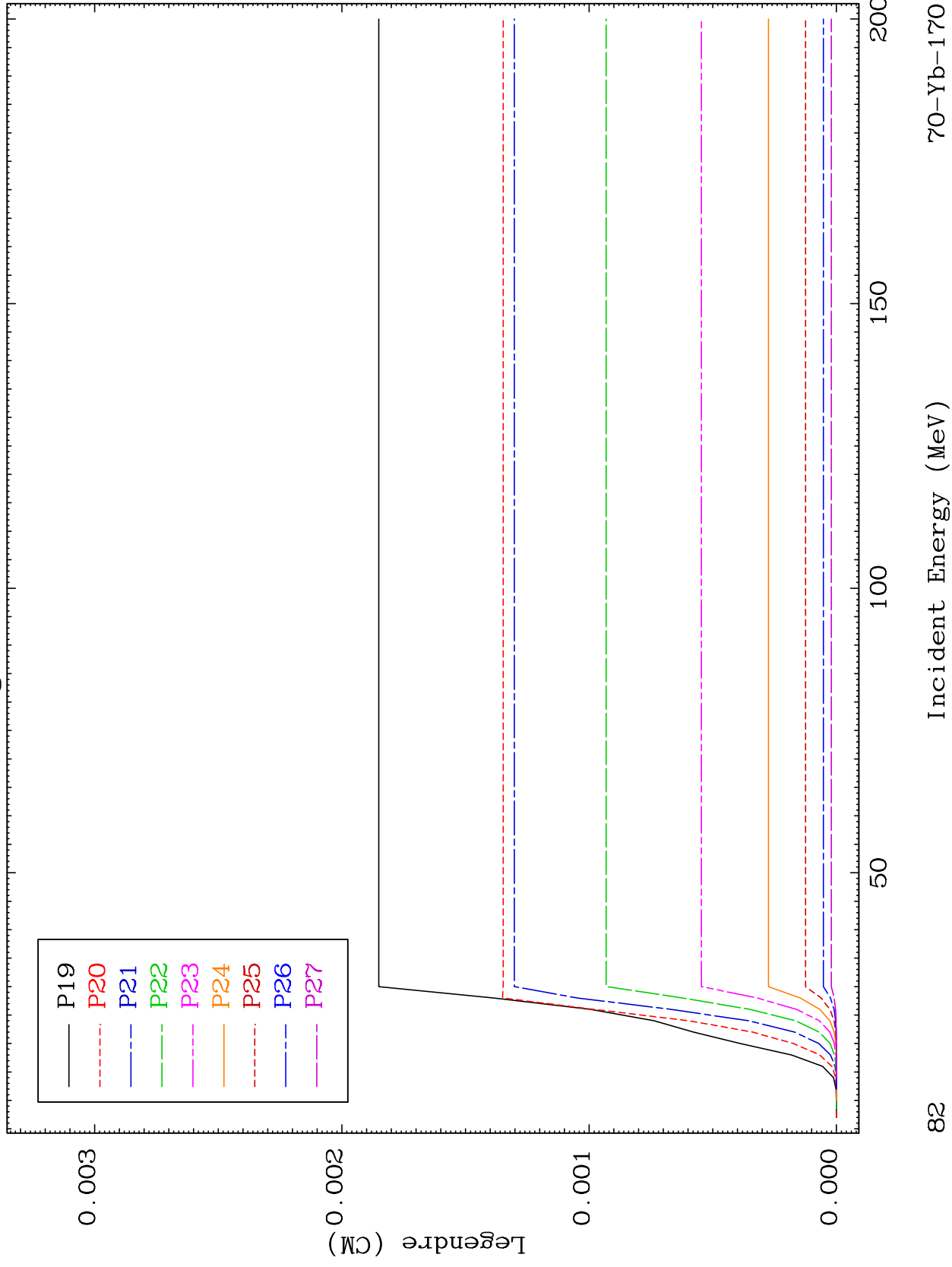
Incident Energy (MeV)

70-Yb-170

MAT 7031

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

70-Yb-170

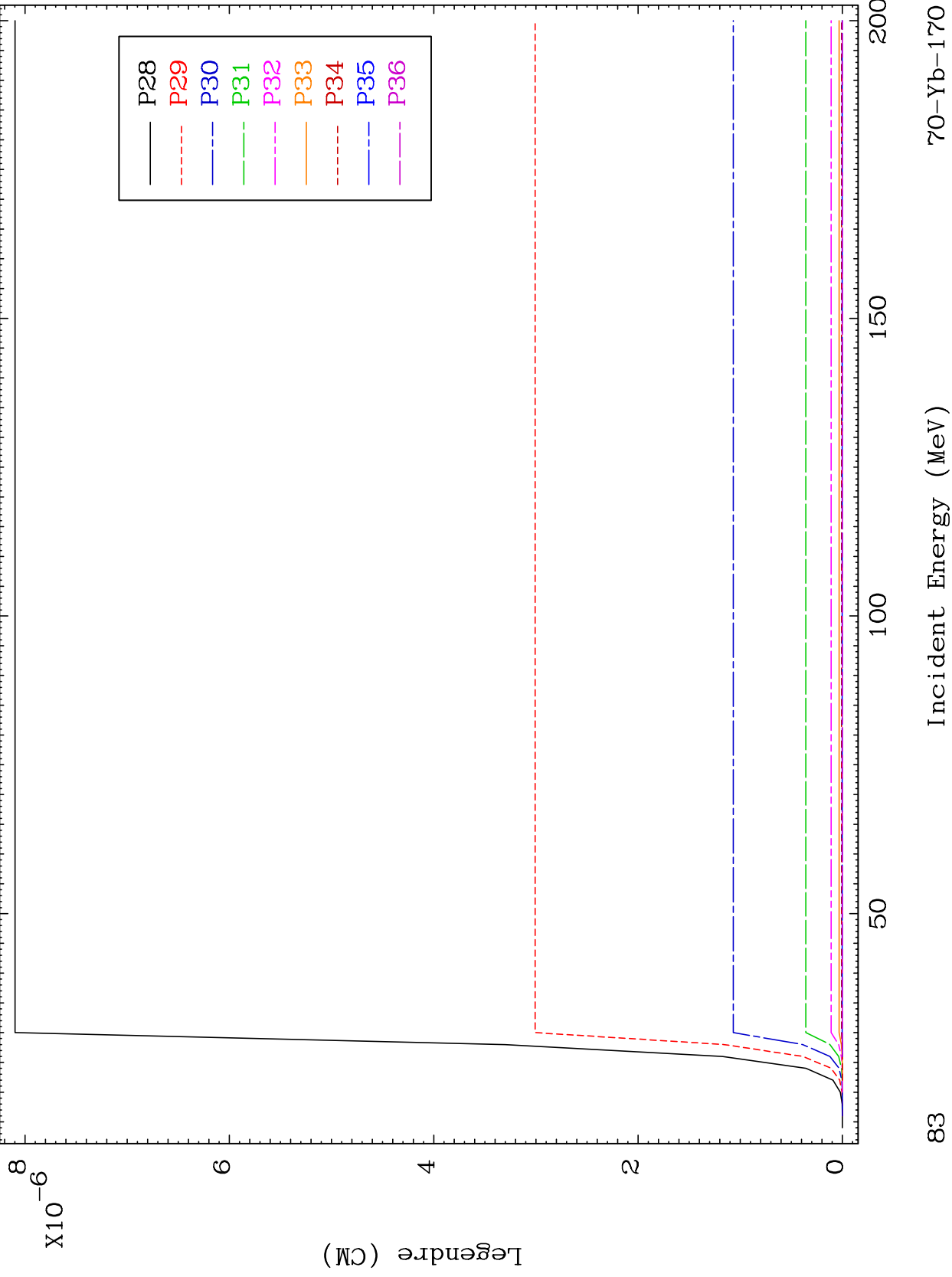


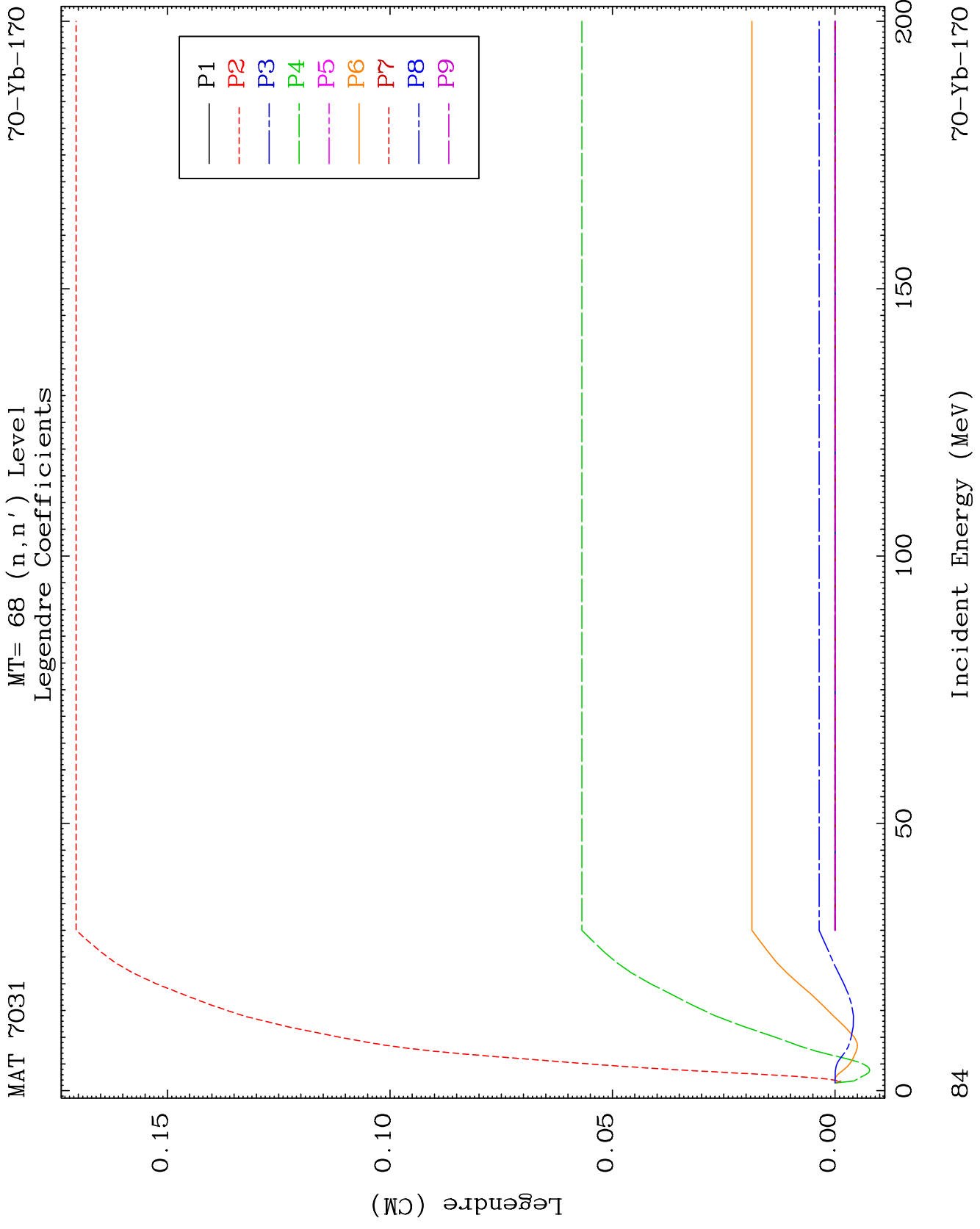
82

MAT 7031

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

70-Yb-170

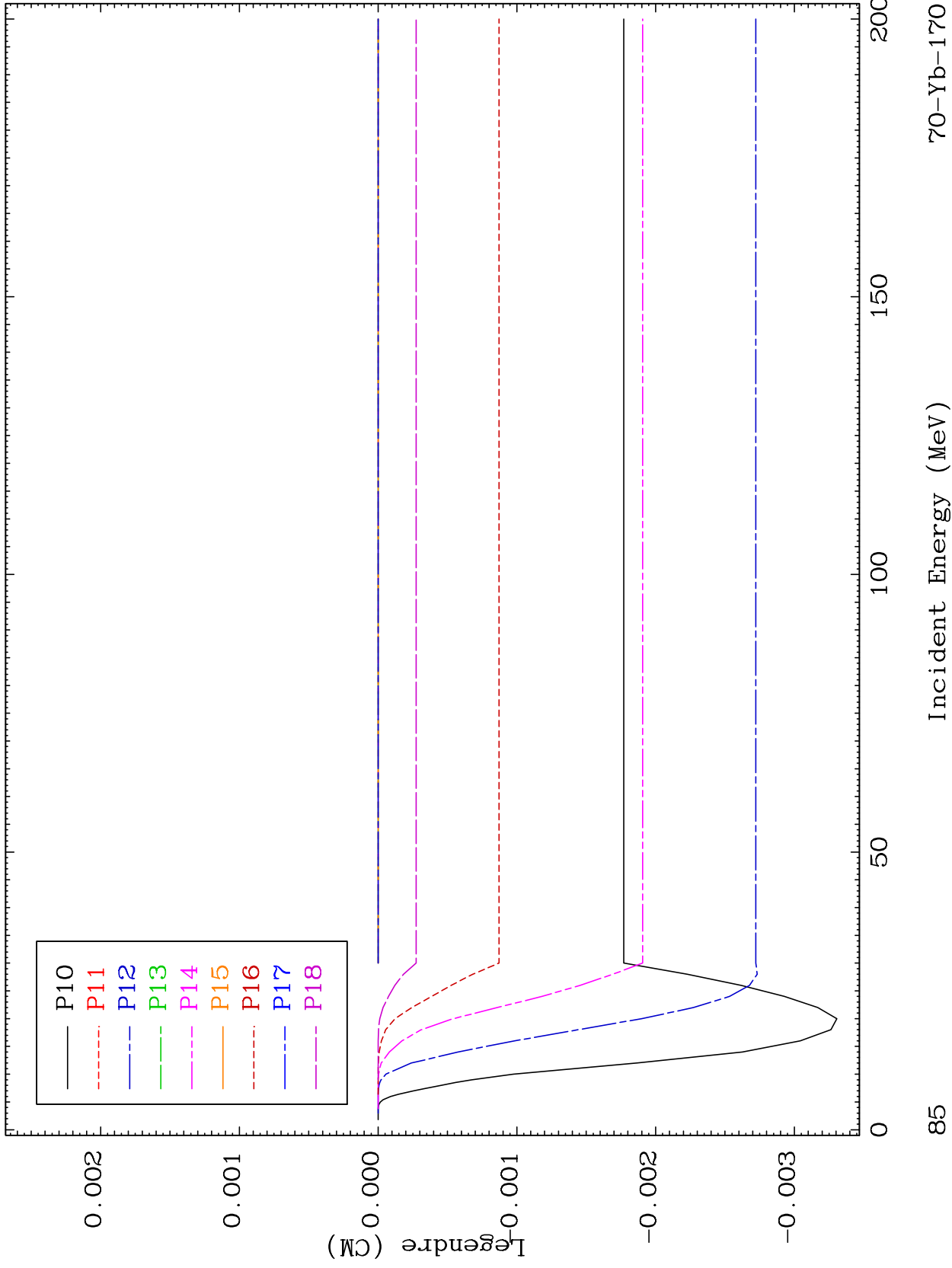


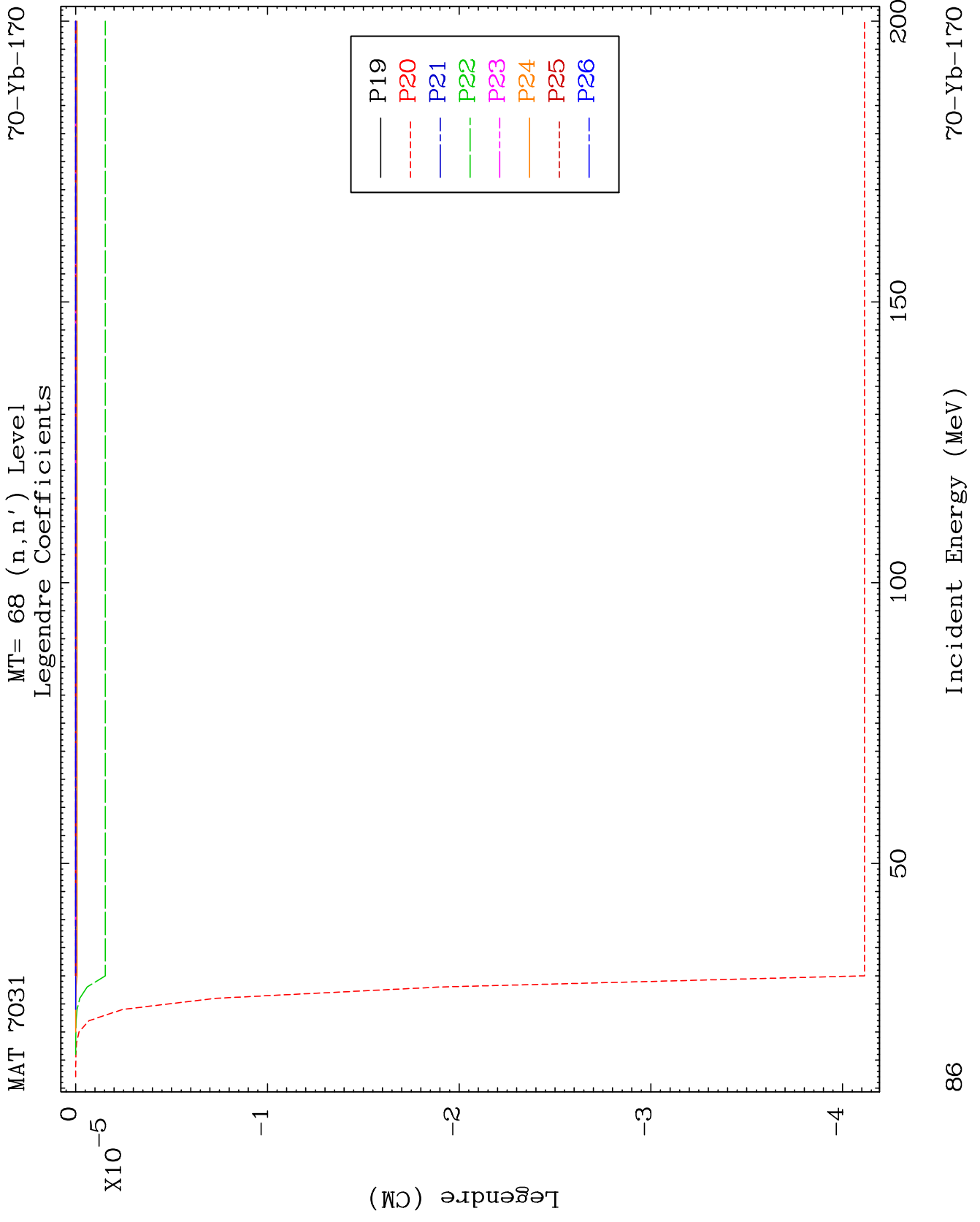


MAT 7031

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

70-Yb-170

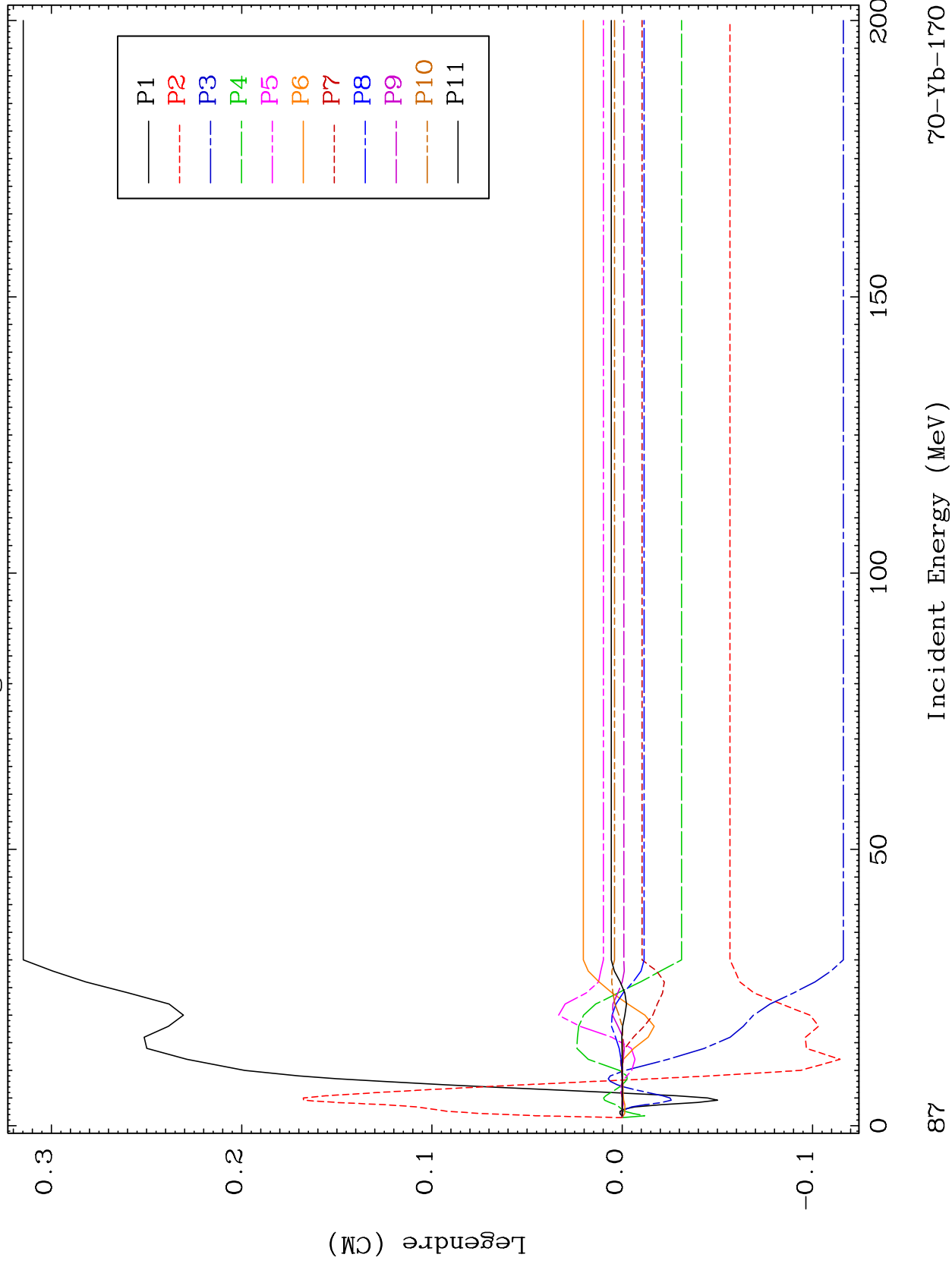




MAT 7031

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

70-Yb-170



70-Yb-170

Incident Energy (MeV)

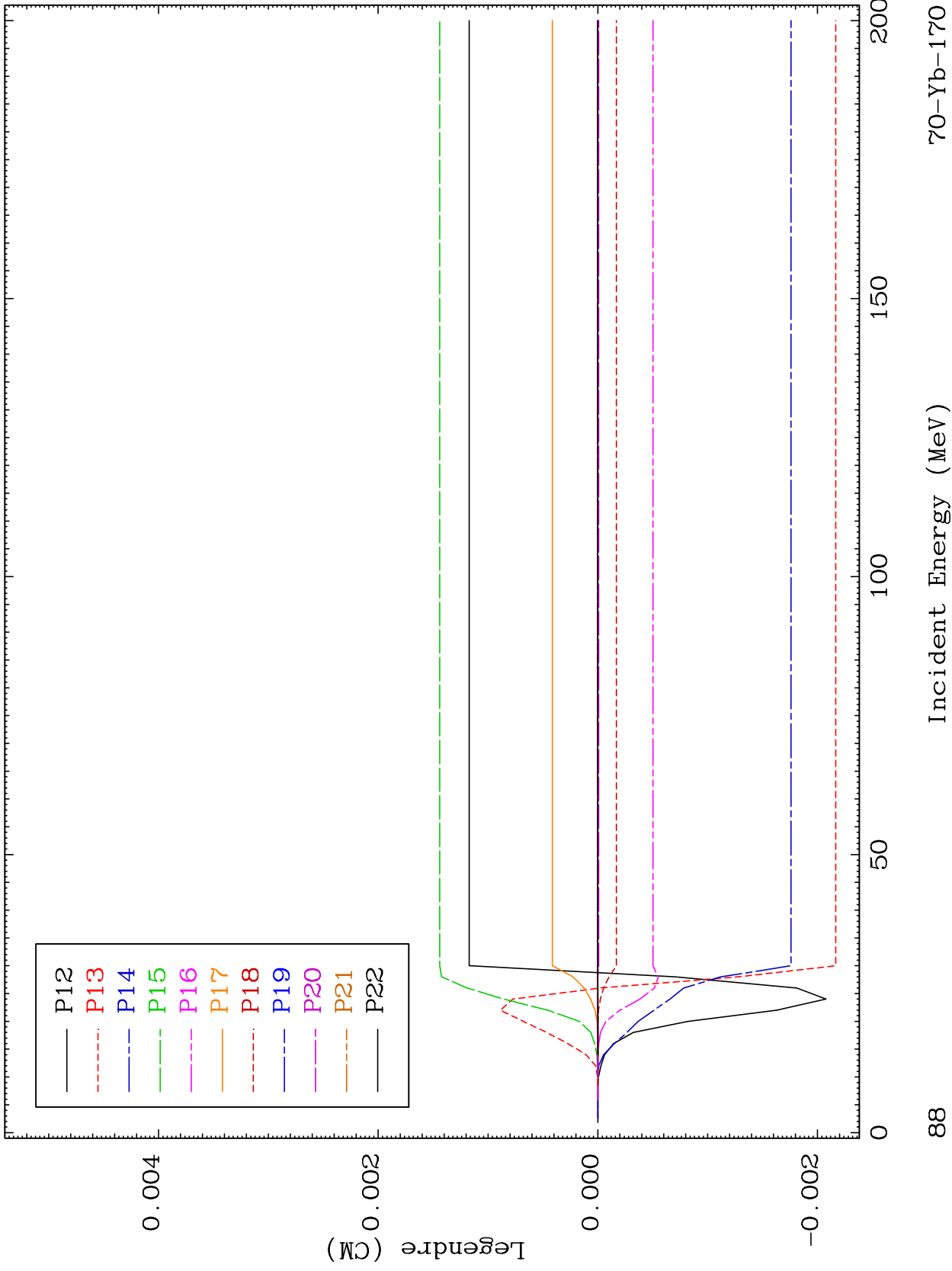
87



MAT 7031

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

70-Yb-170



88

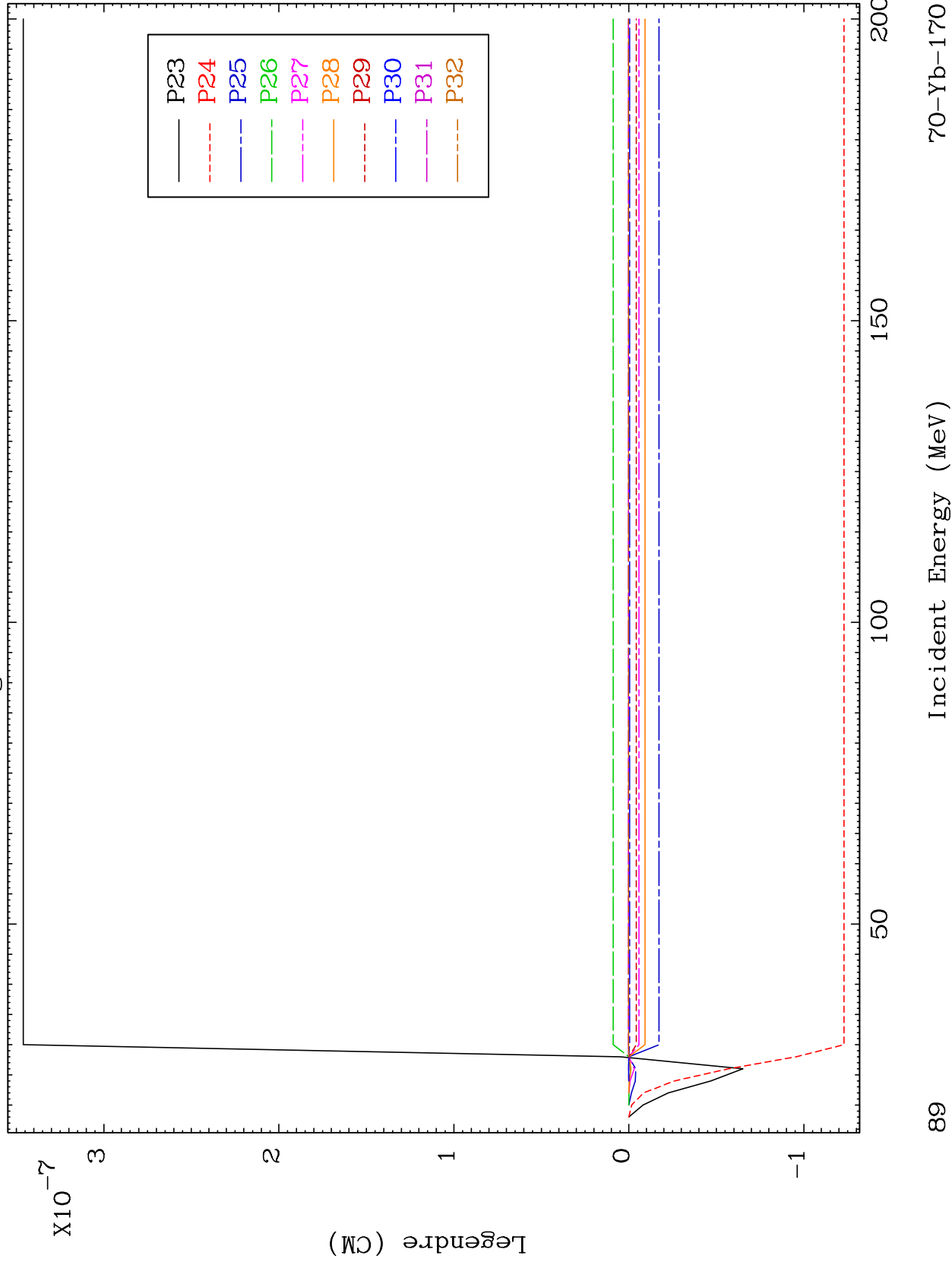
Incident Energy (MeV)

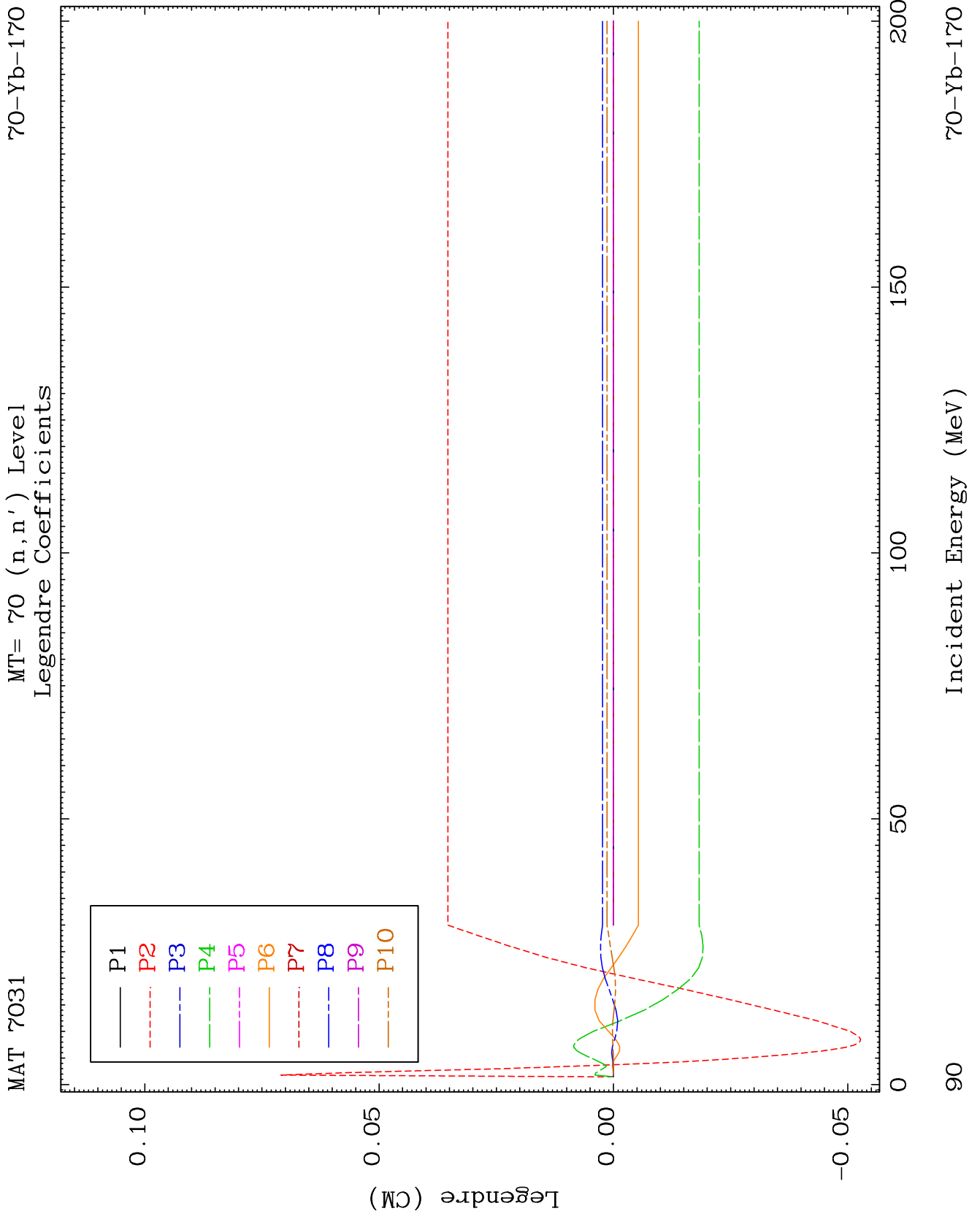
70-Yb-170

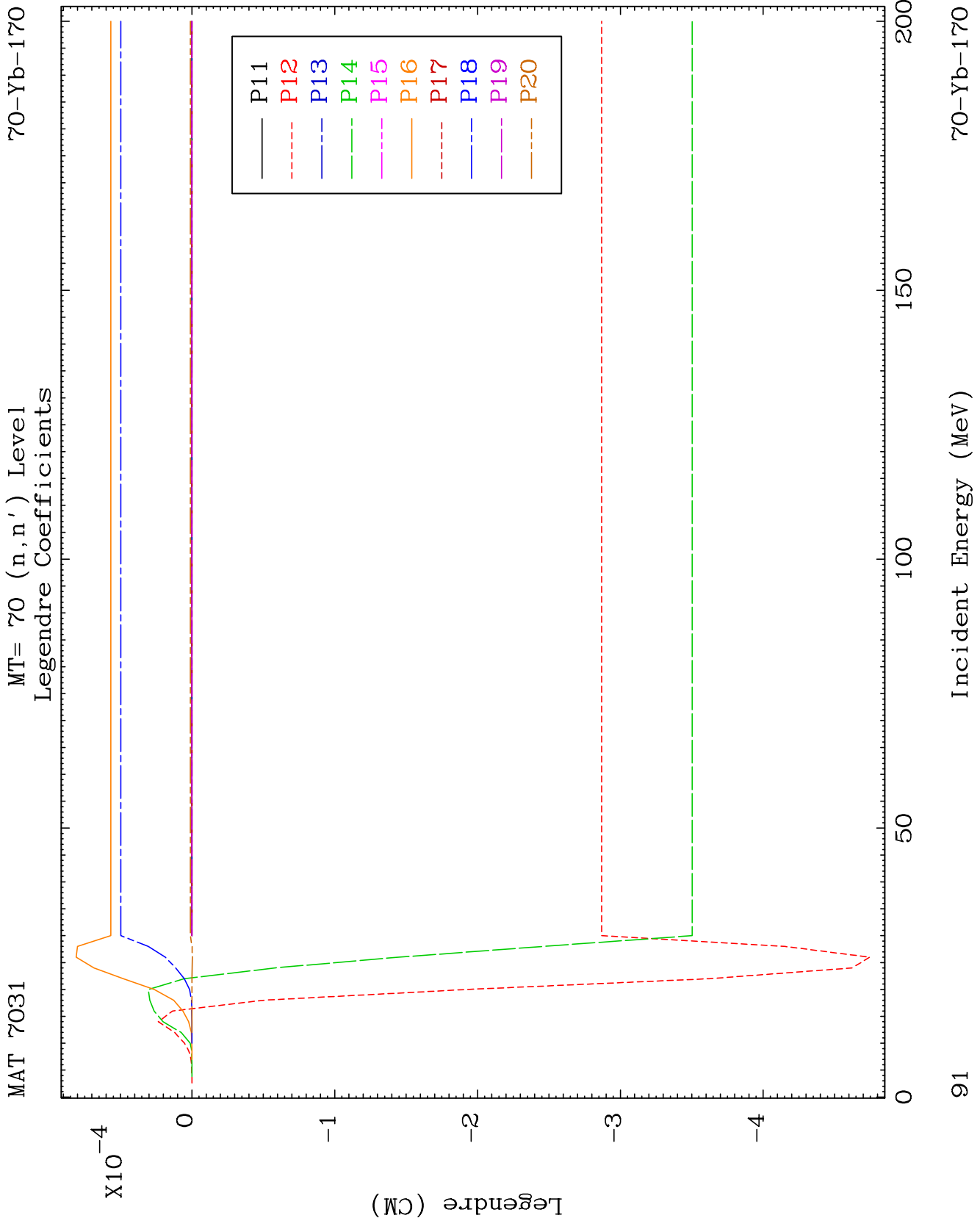
MAT 7031

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

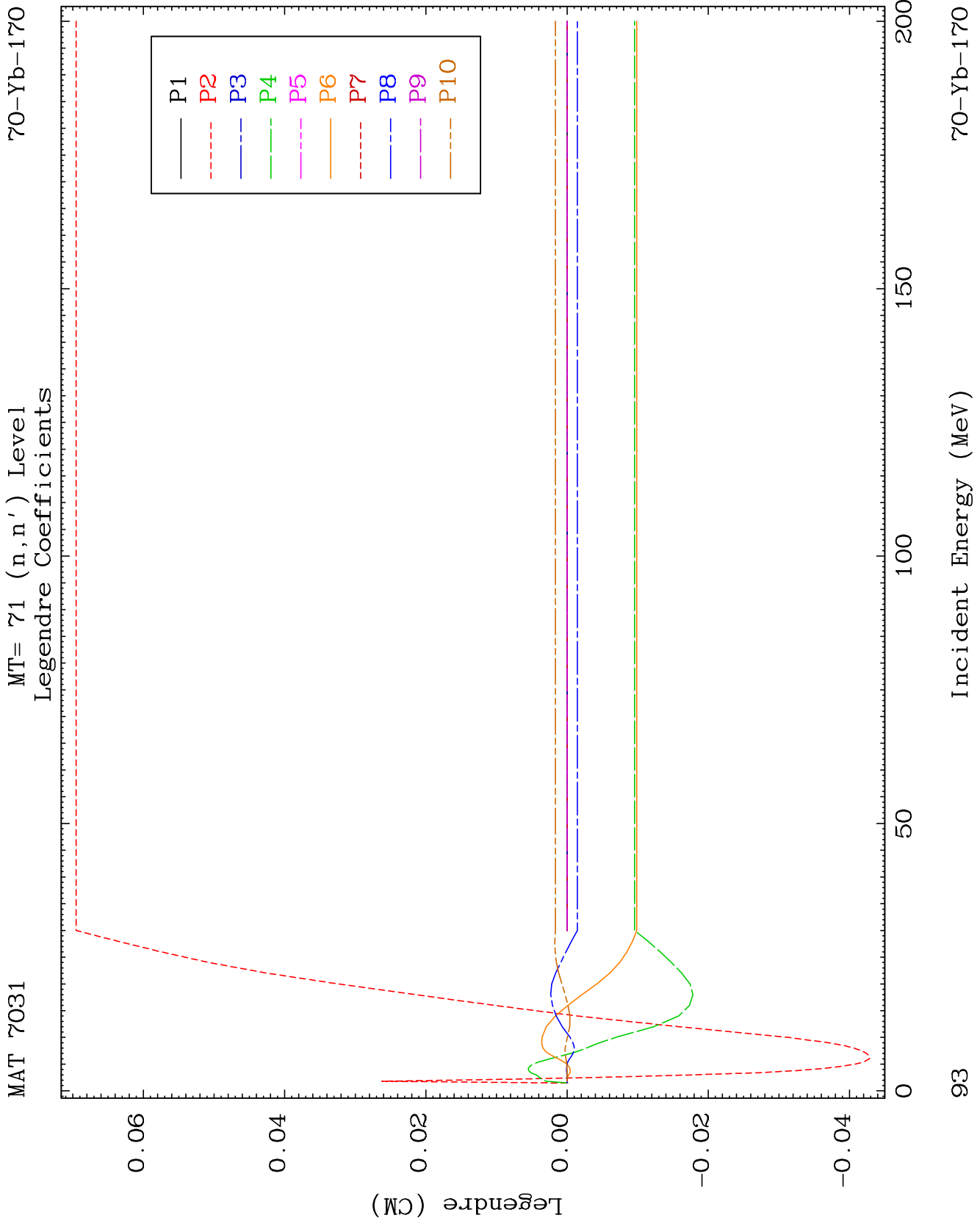
70-Yb-170

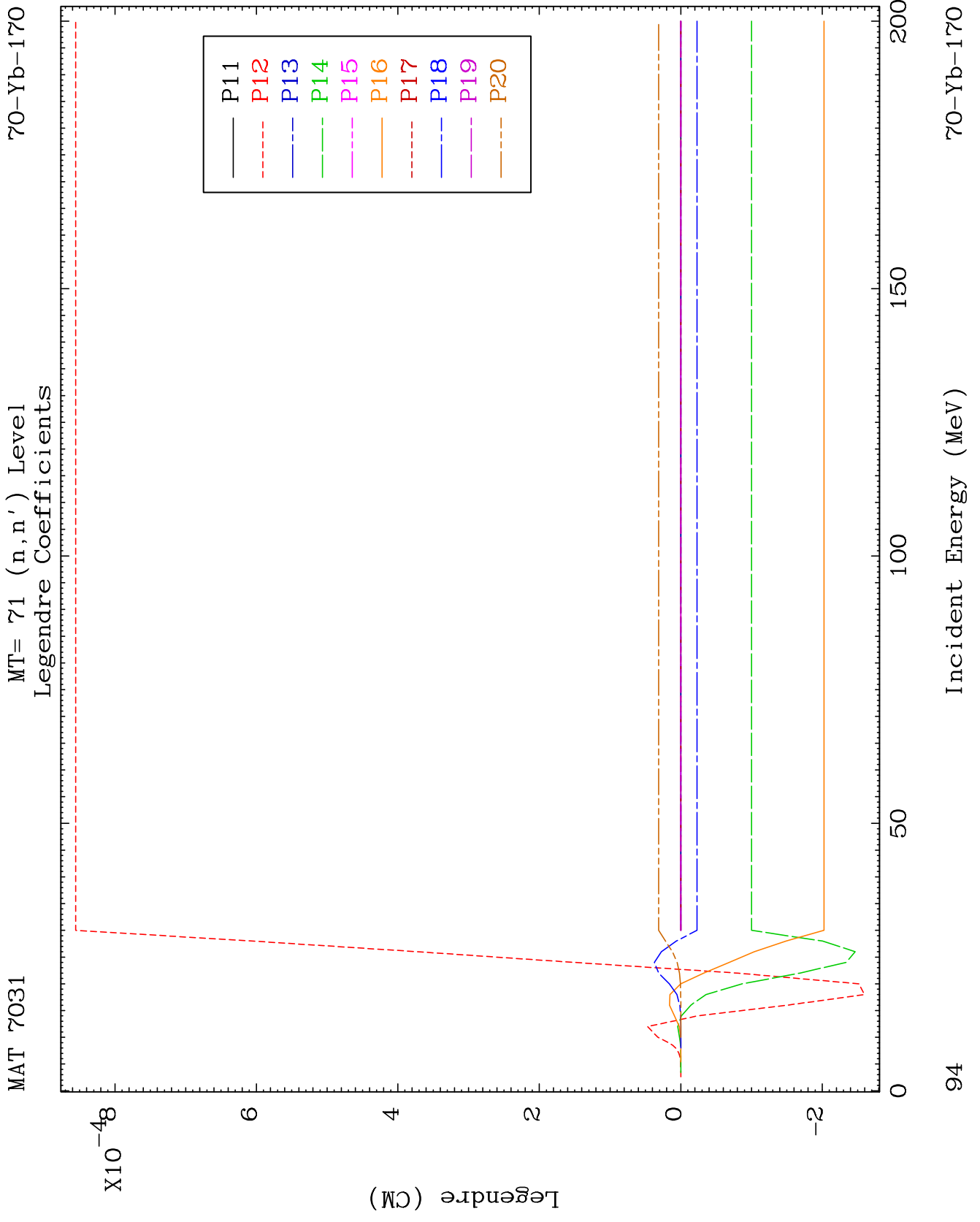














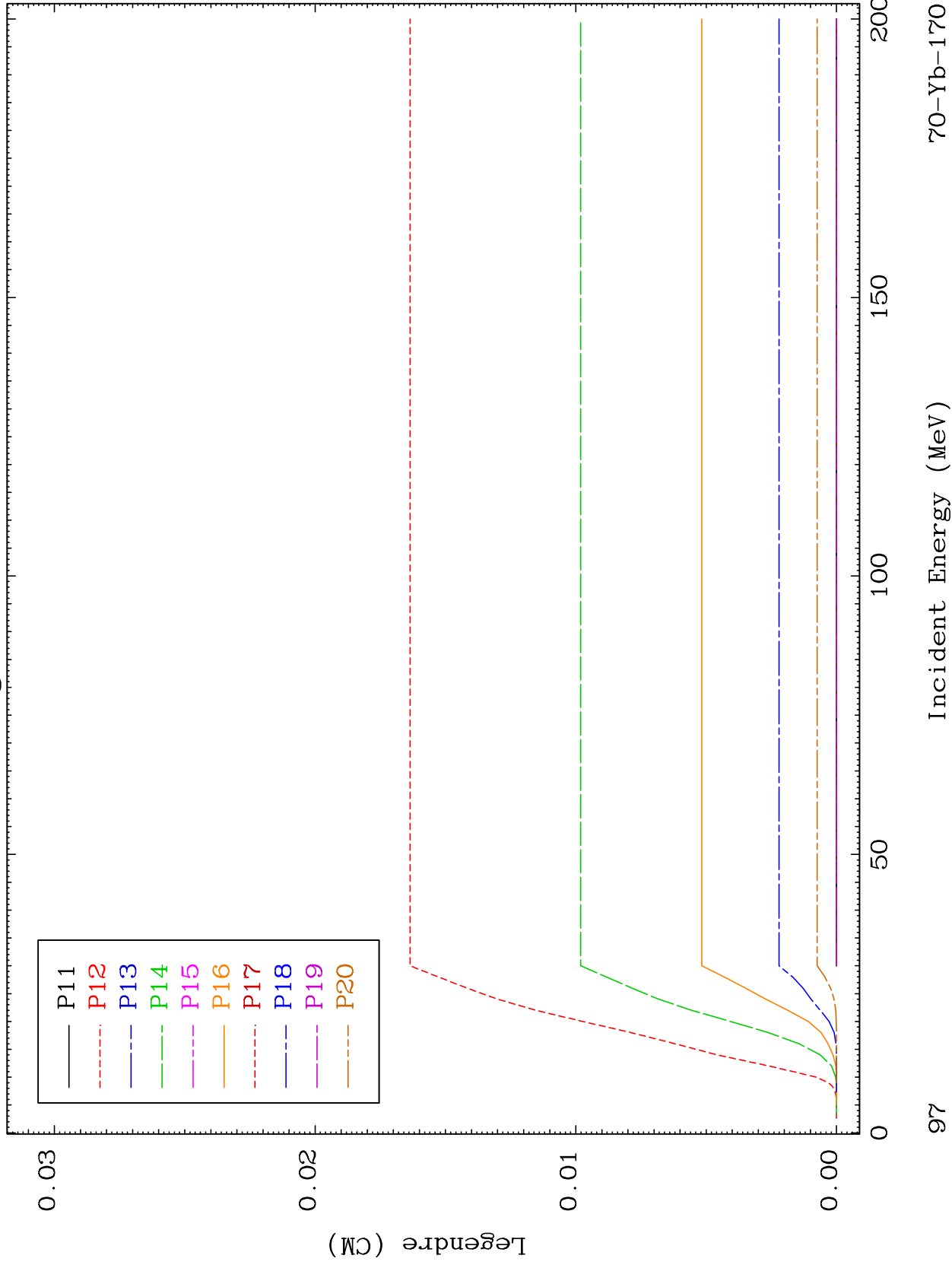




MAT 7031

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

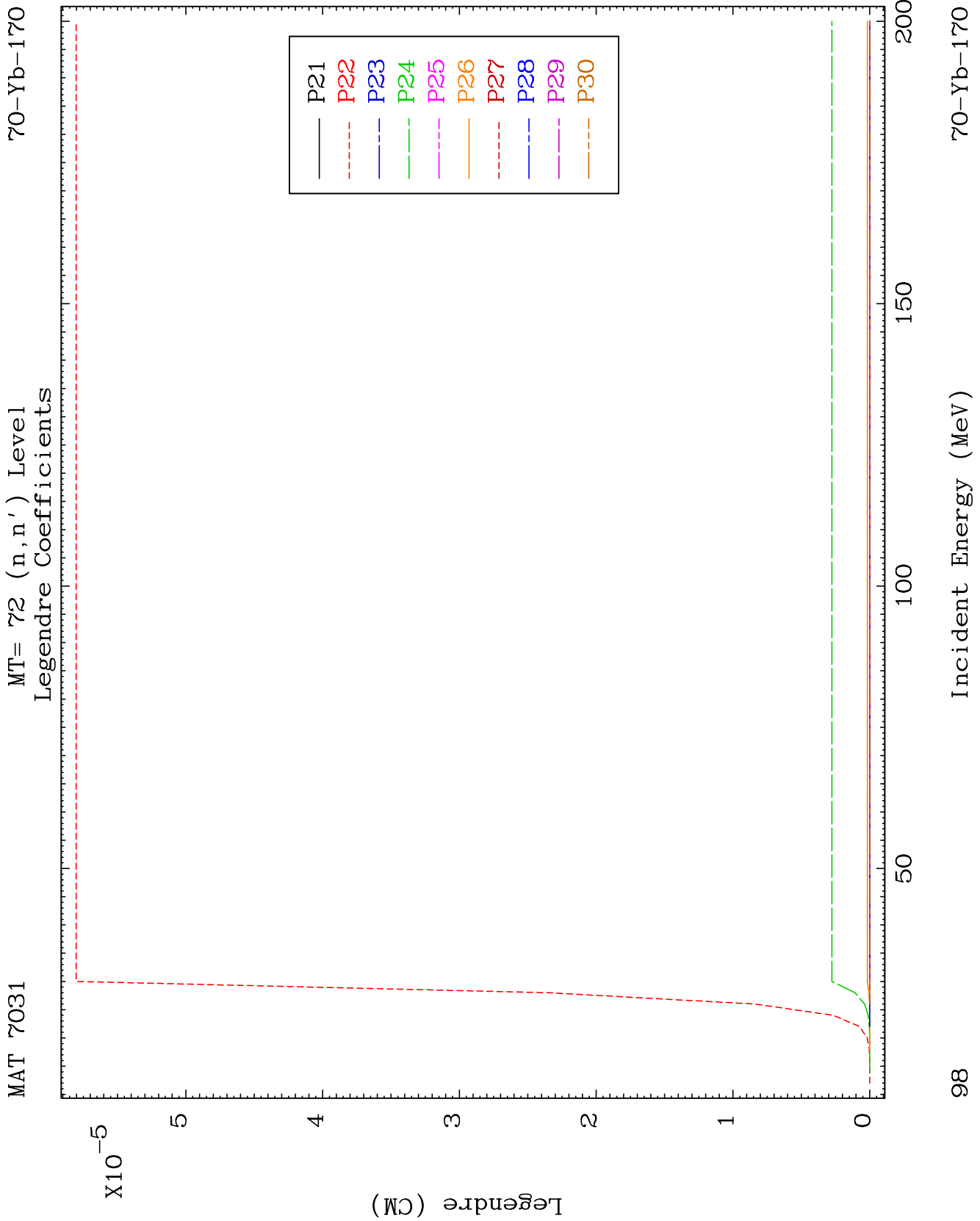
70-Yb-170



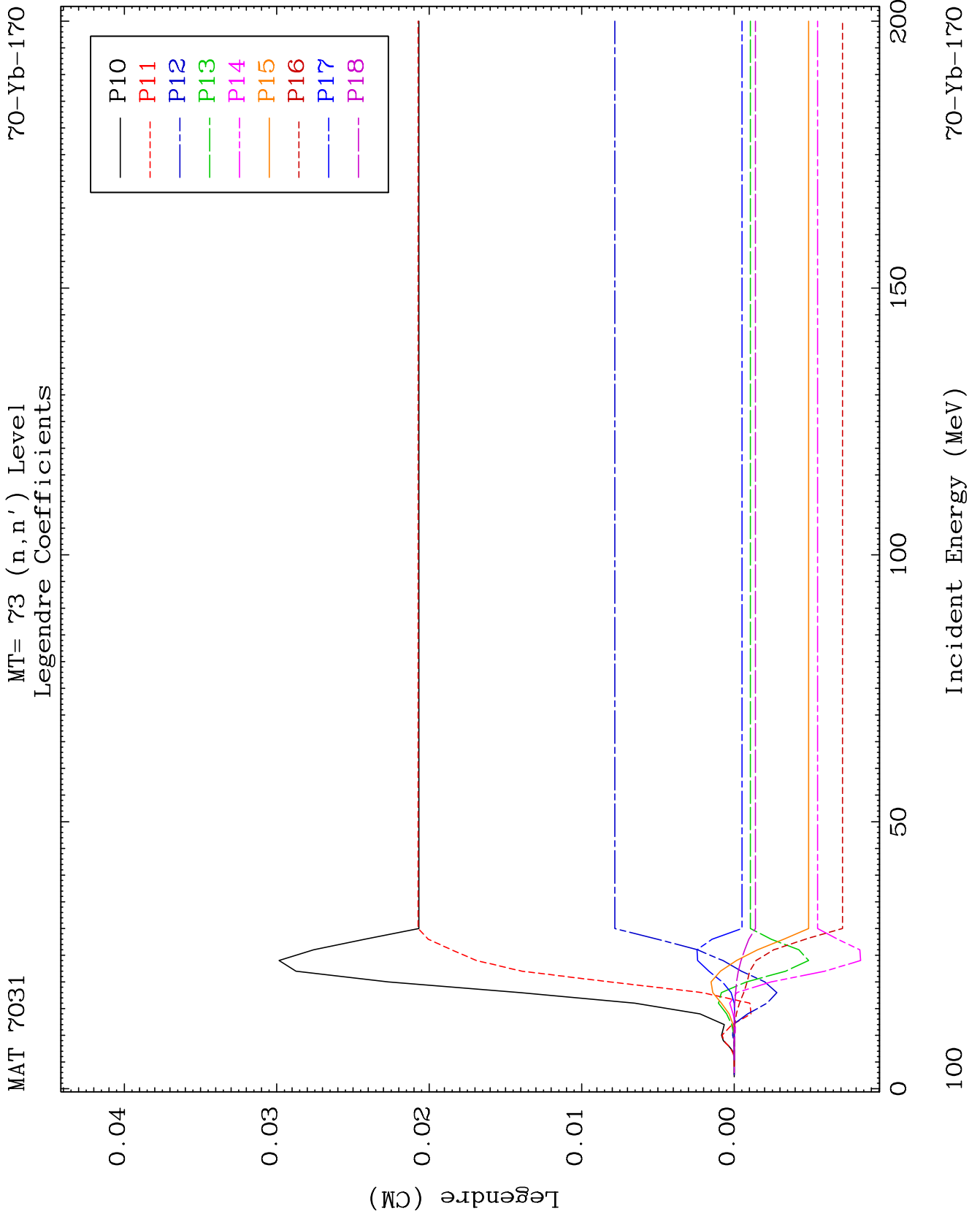
97

Incident Energy (MeV)

70-Yb-170



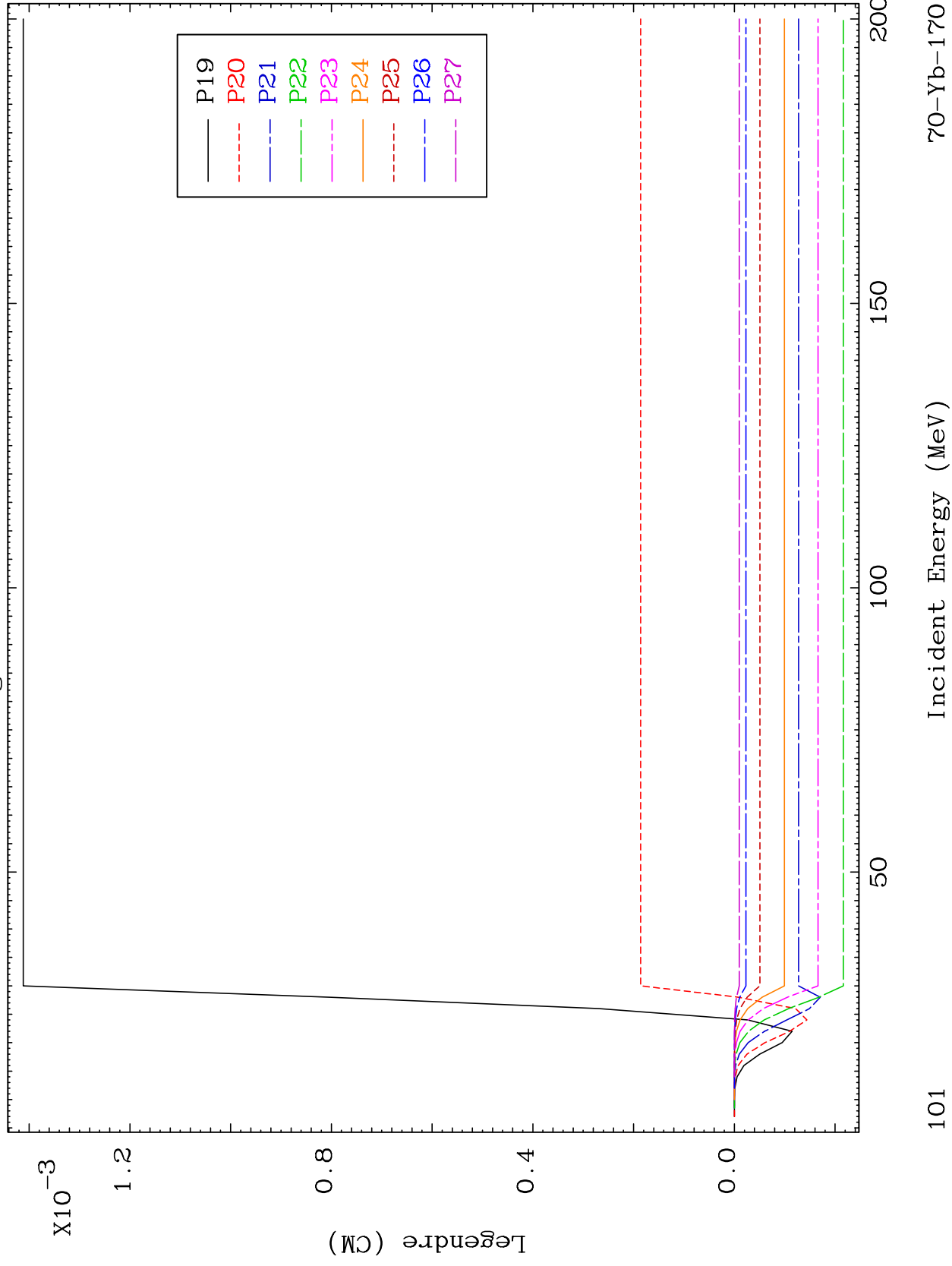




MAT 7031

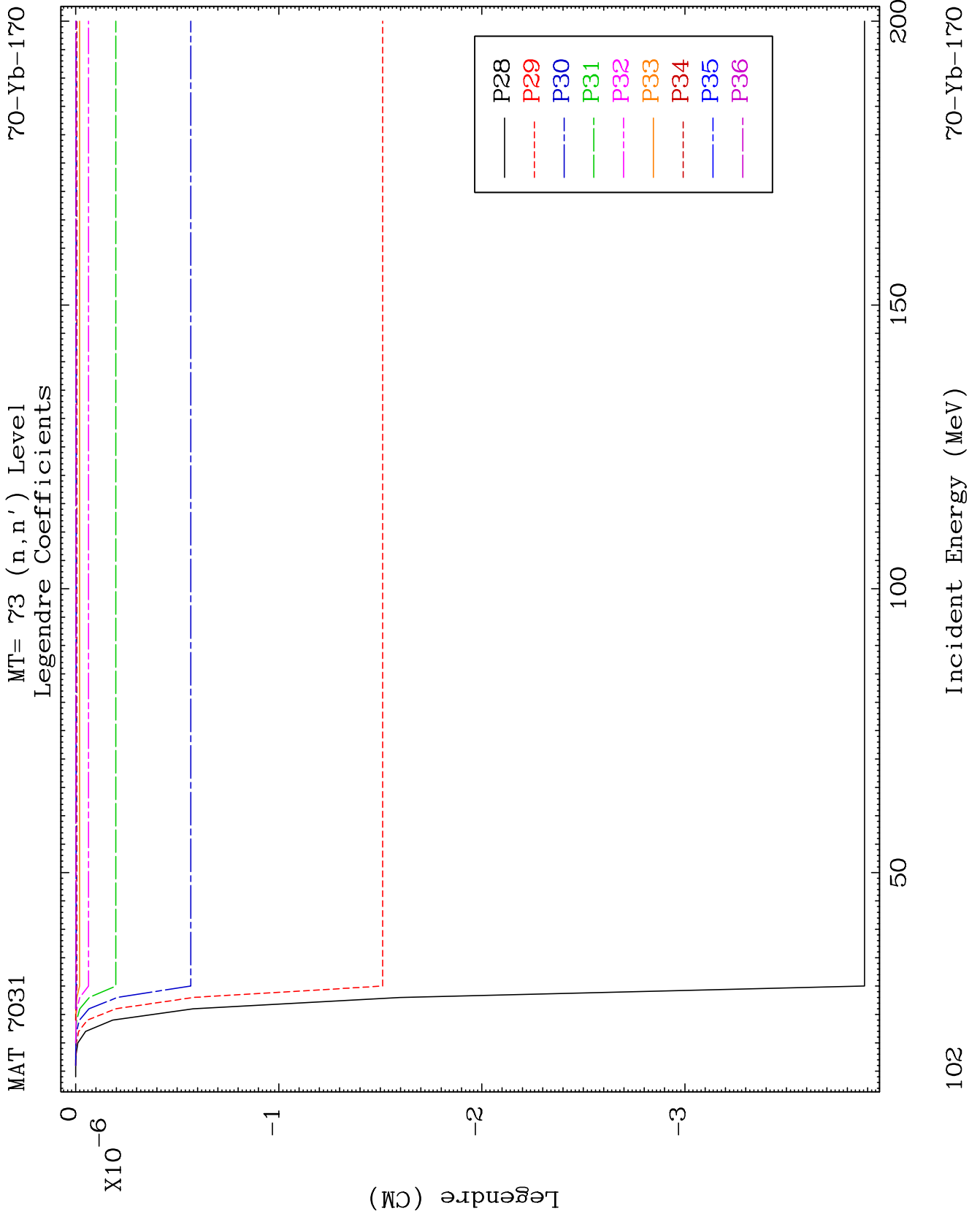
MT= 73 (n,n') Level  
Legendre Coefficients

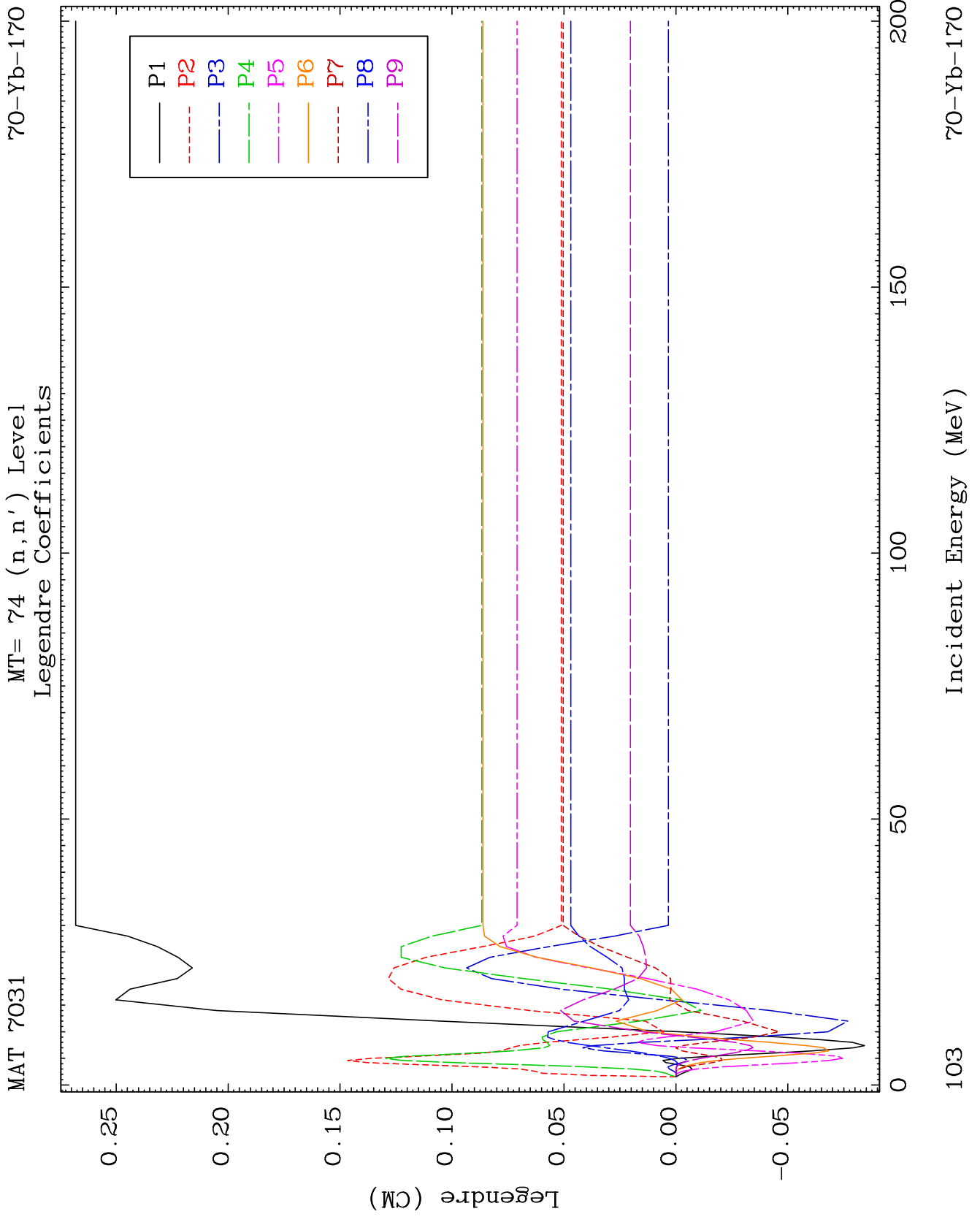
70-Yb-170



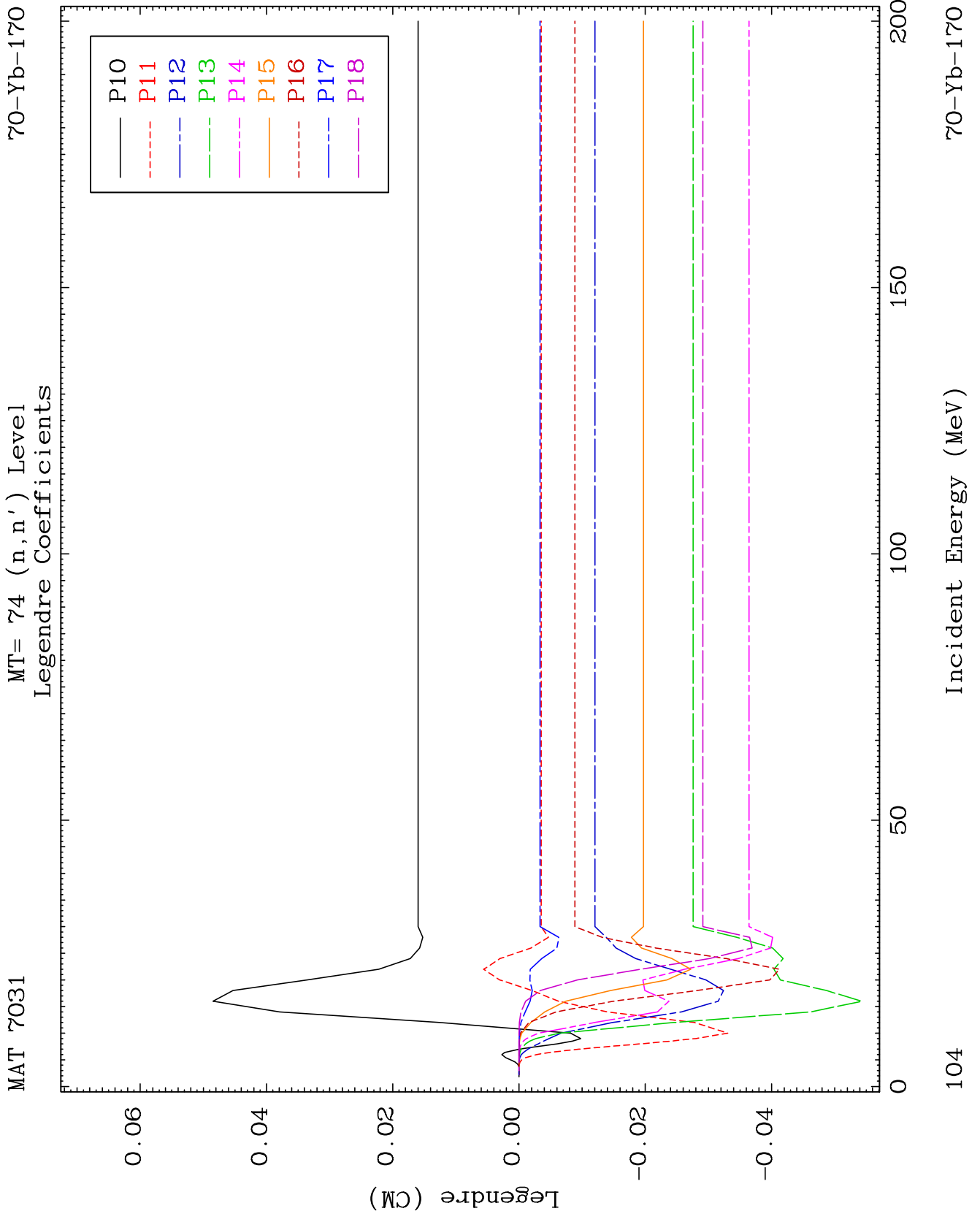
101

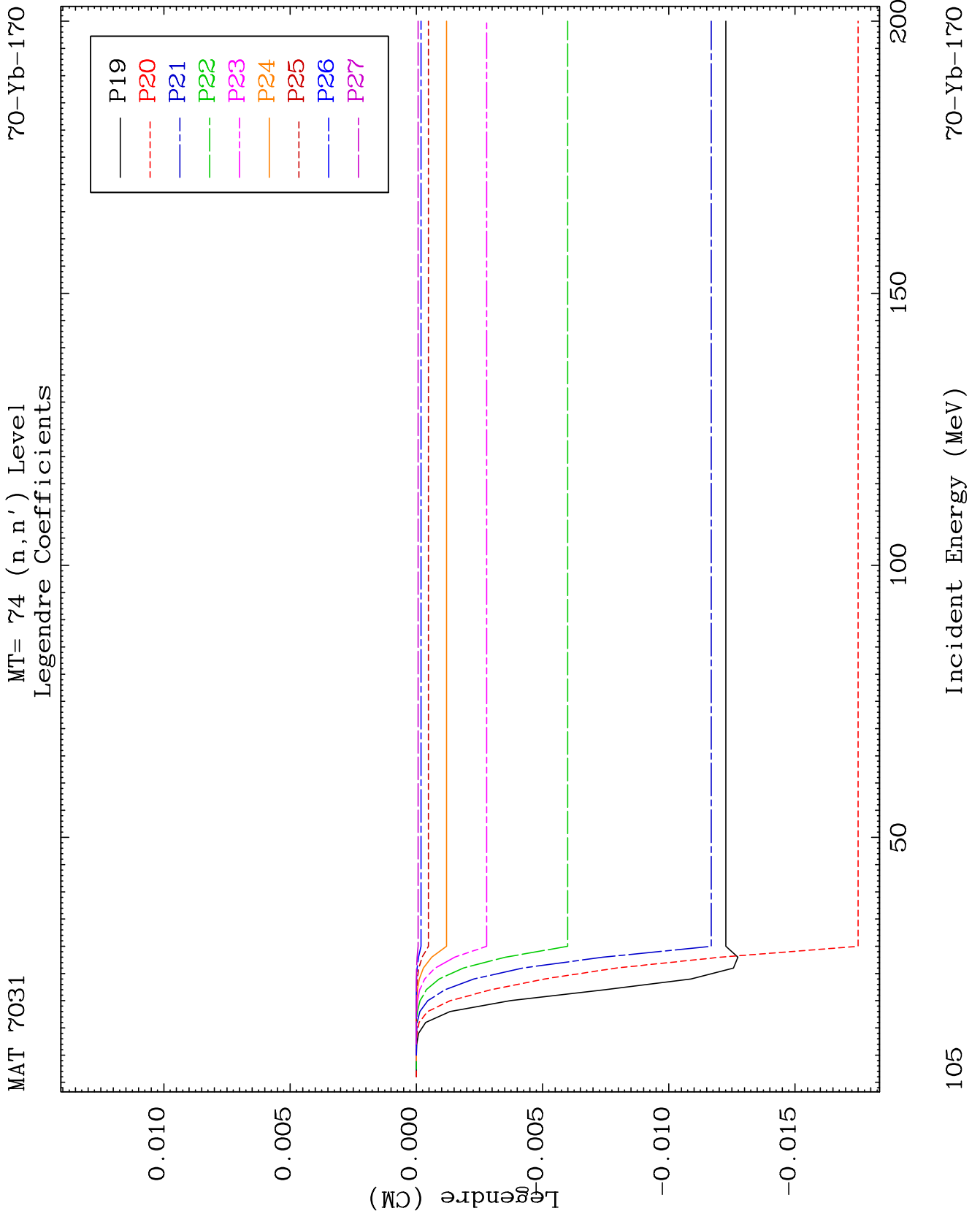
70-Yb-170

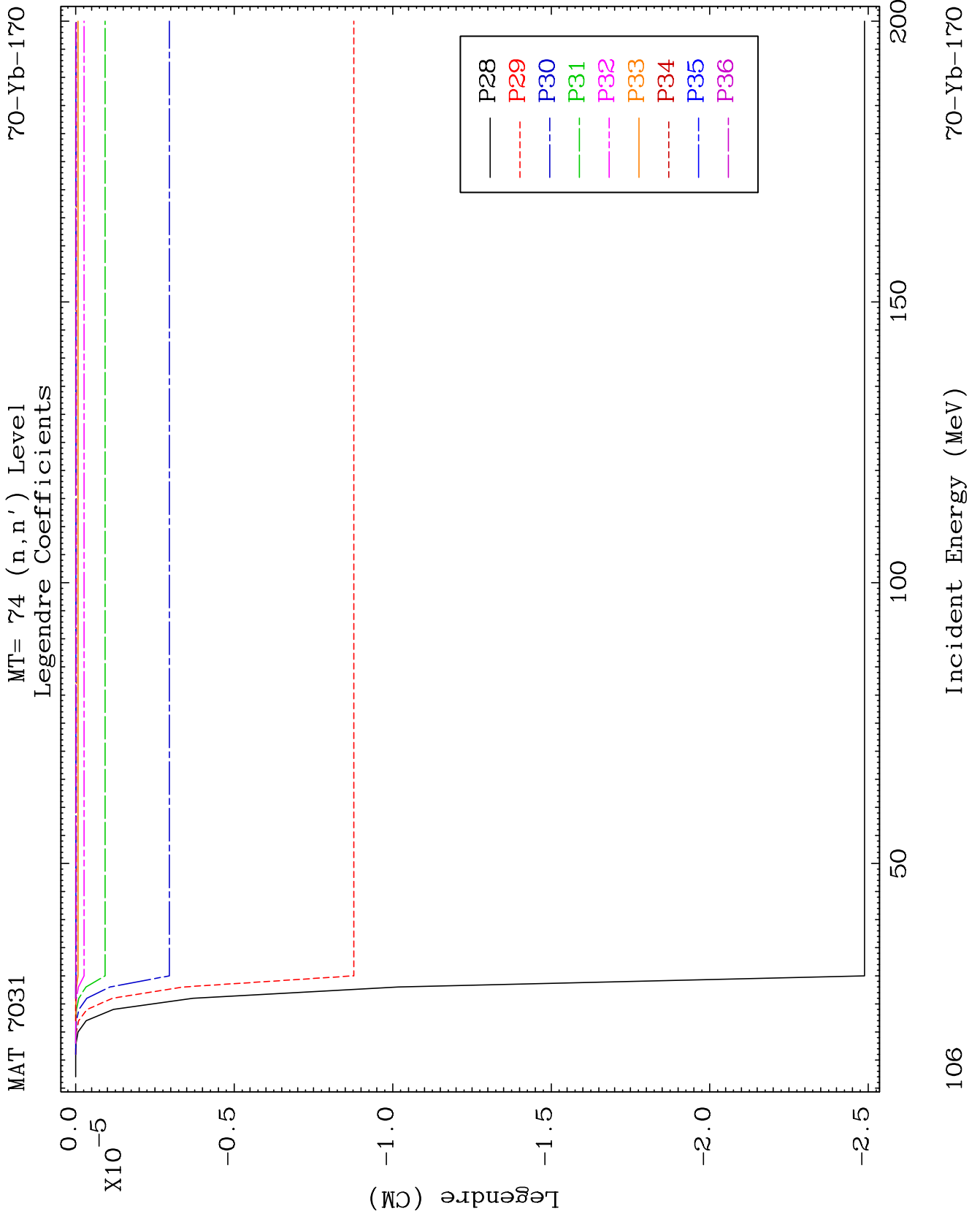








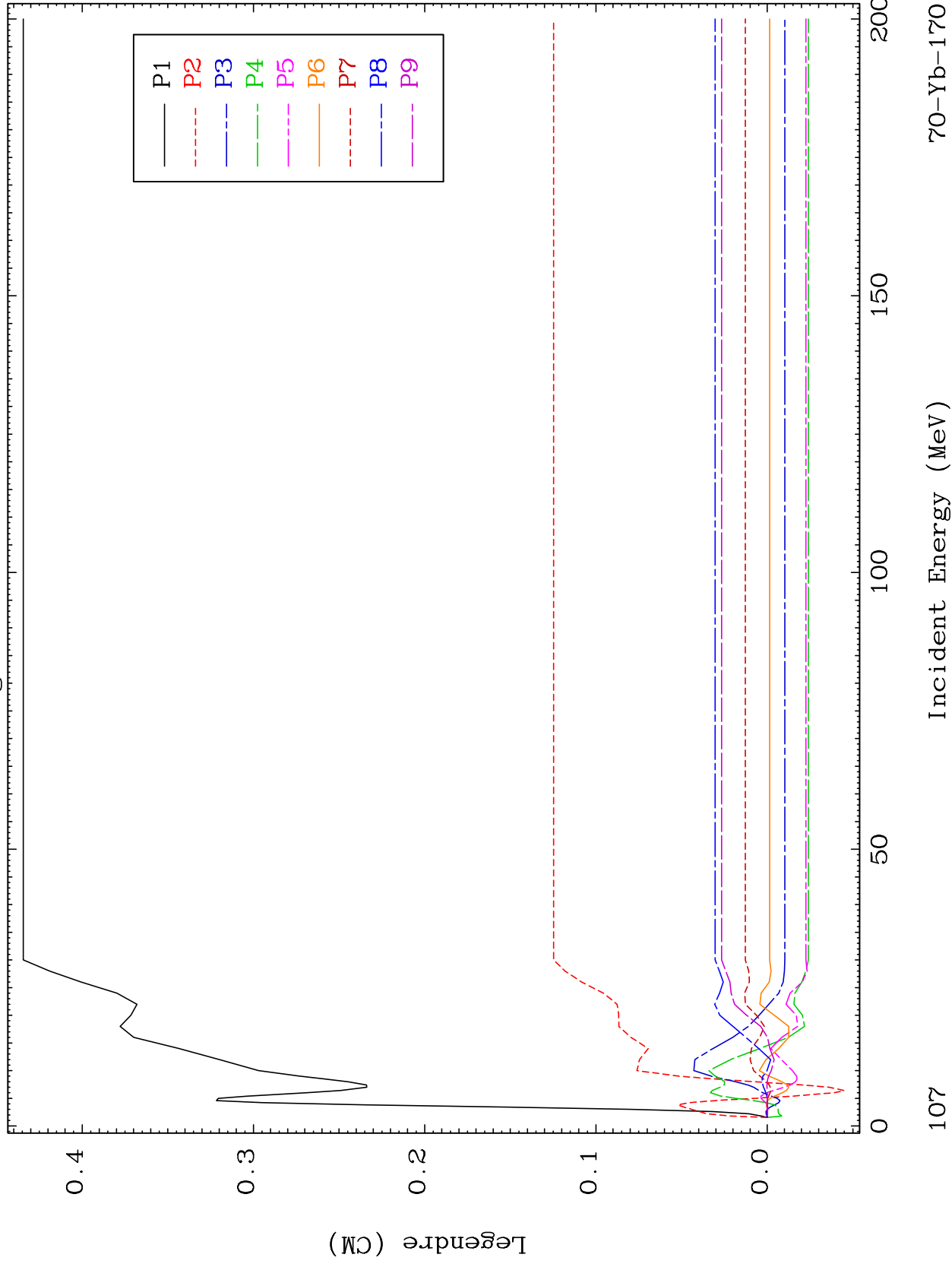




MAT 7031

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

70-Yb-170



70-Yb-170

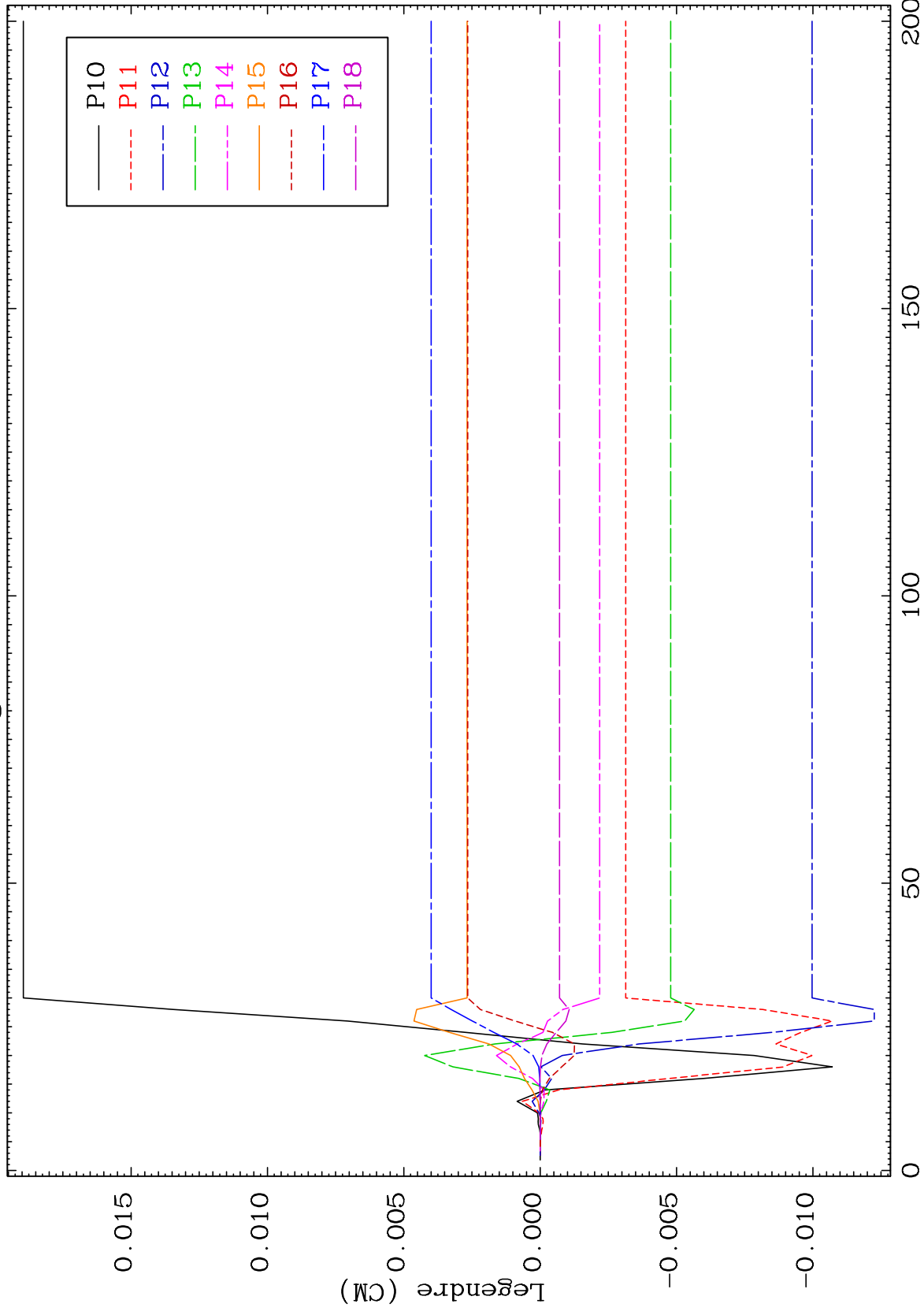
Incident Energy (MeV)

107

MAT 7031

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

70-Yb-170



108

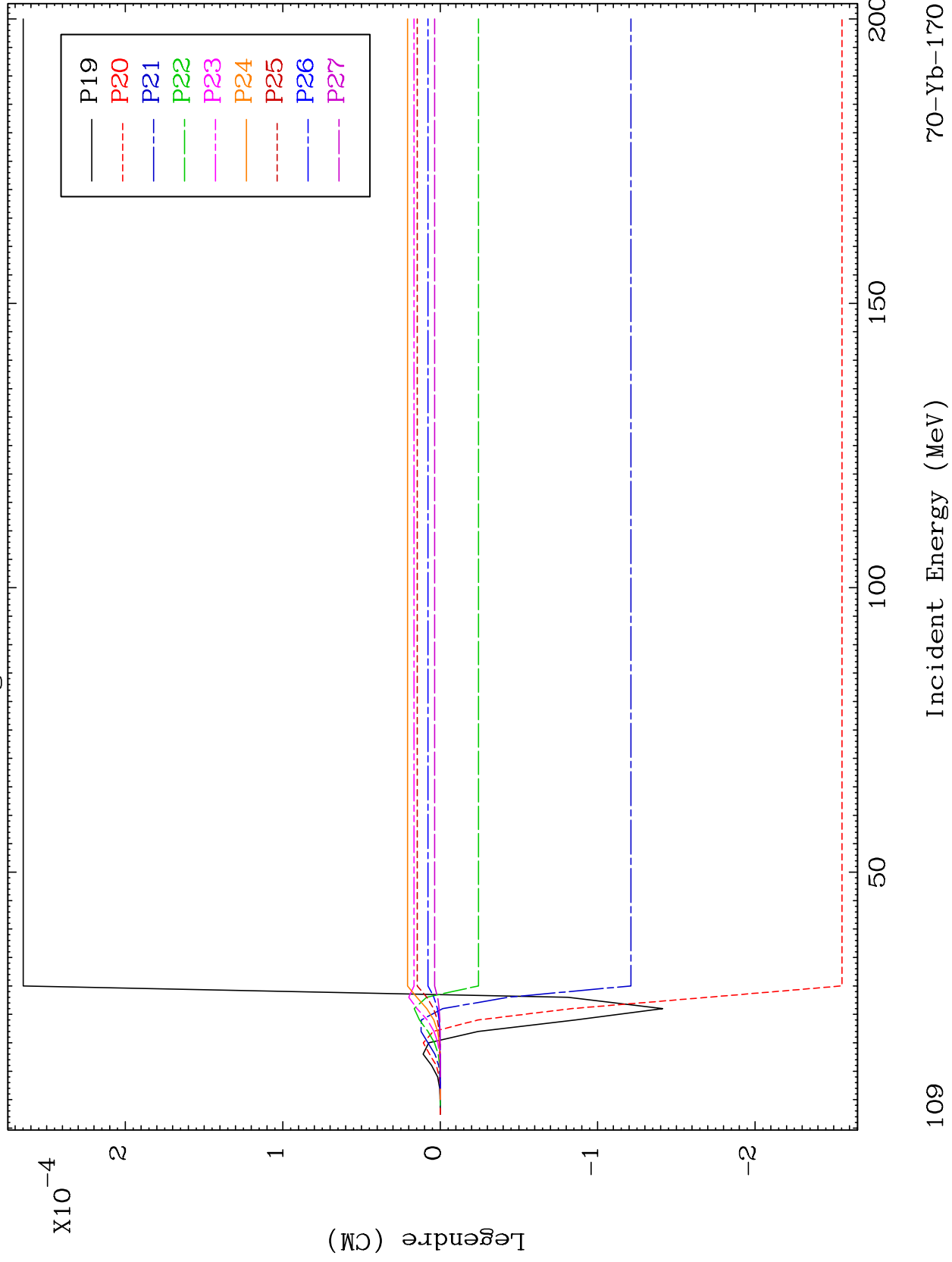
Incident Energy (MeV)

70-Yb-170

MAT 7031

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

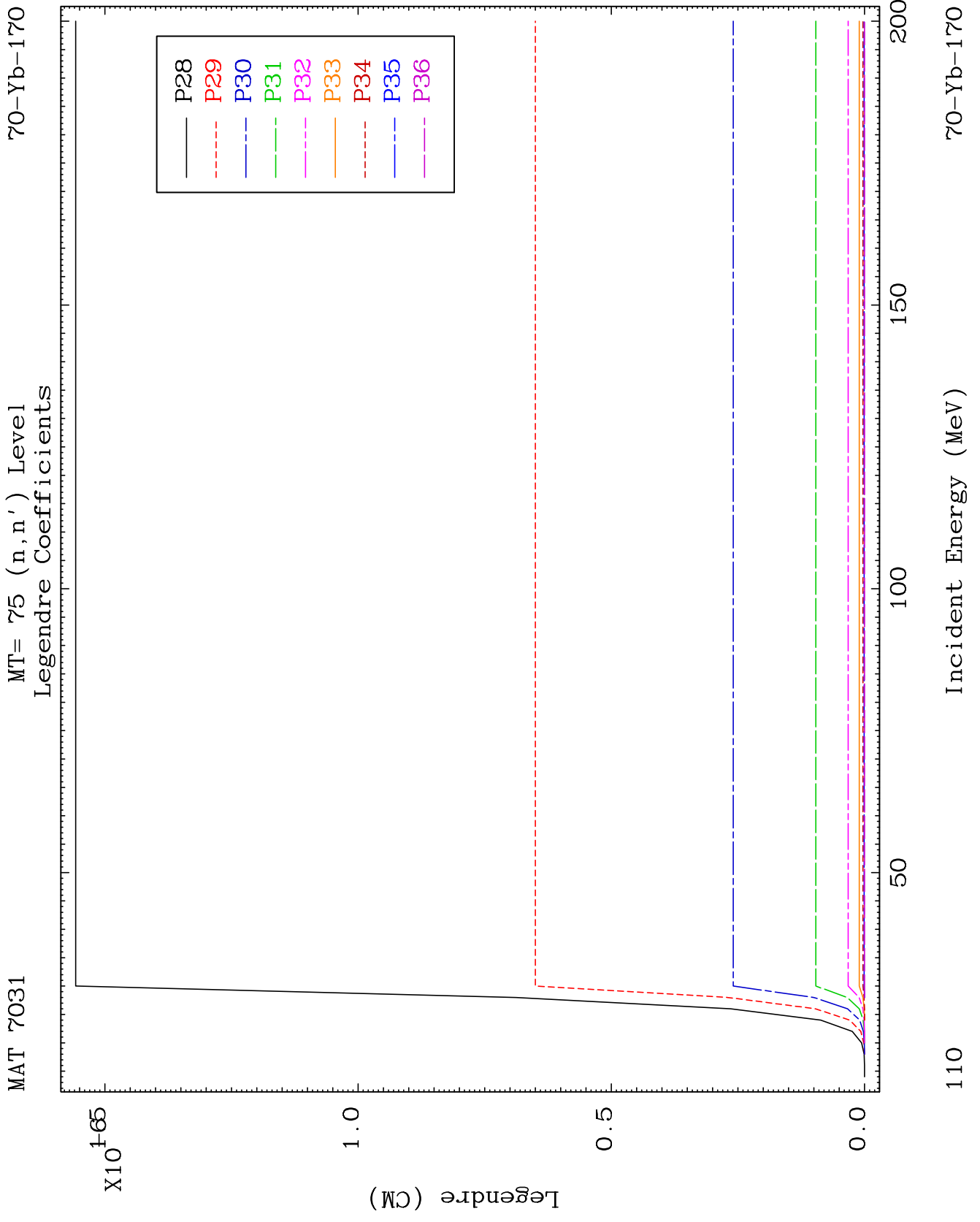
70-Yb-170

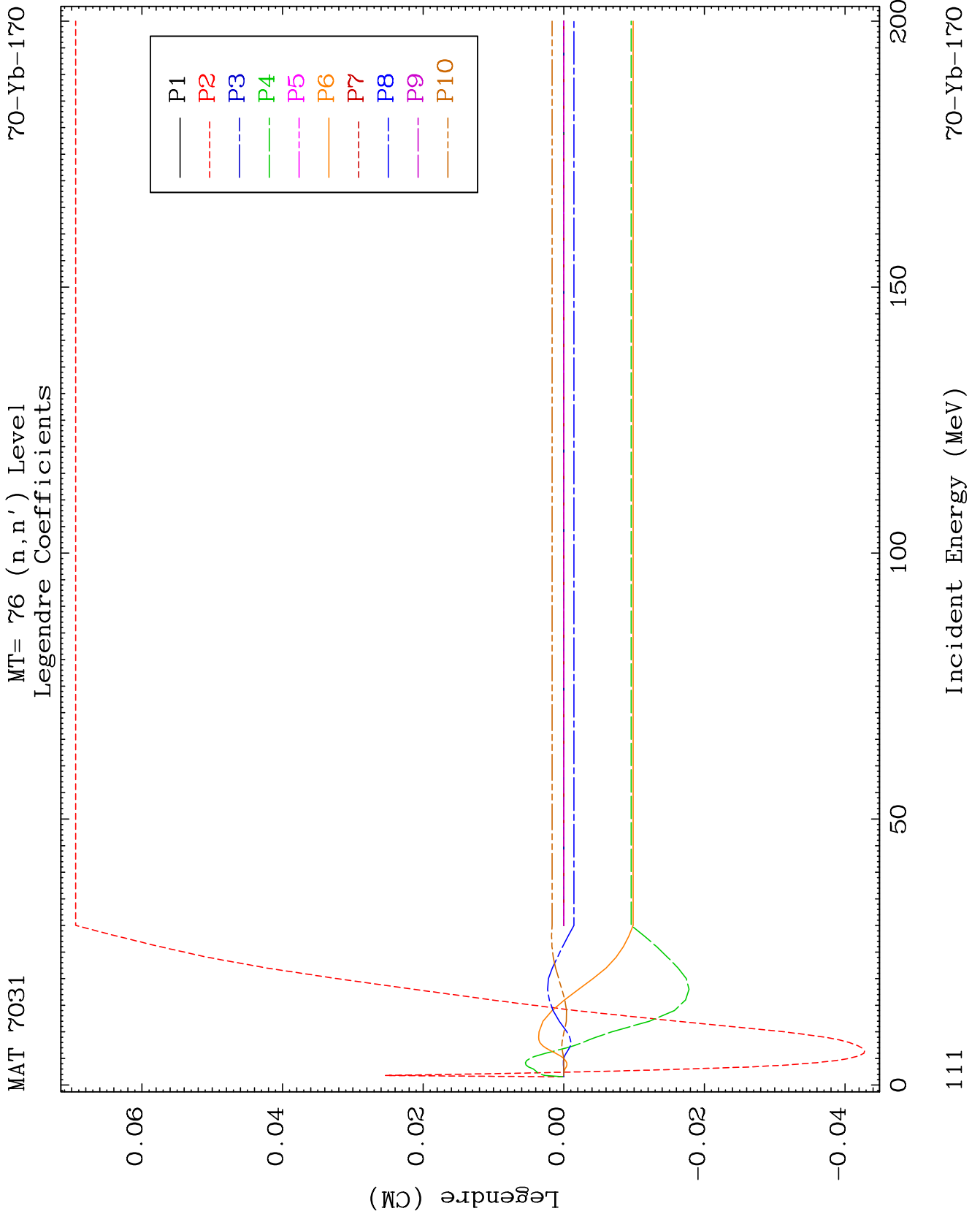


109

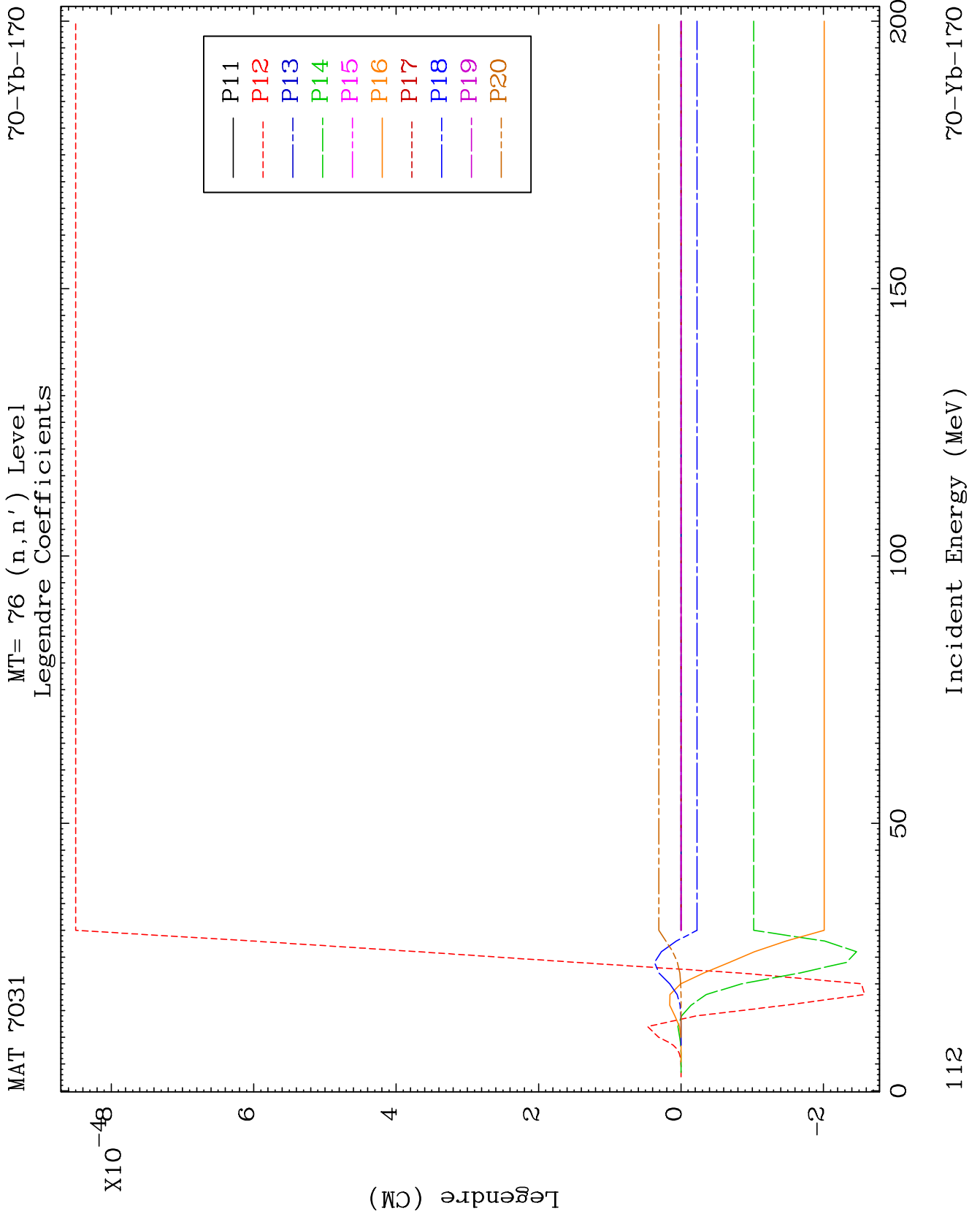
Incident Energy (MeV)

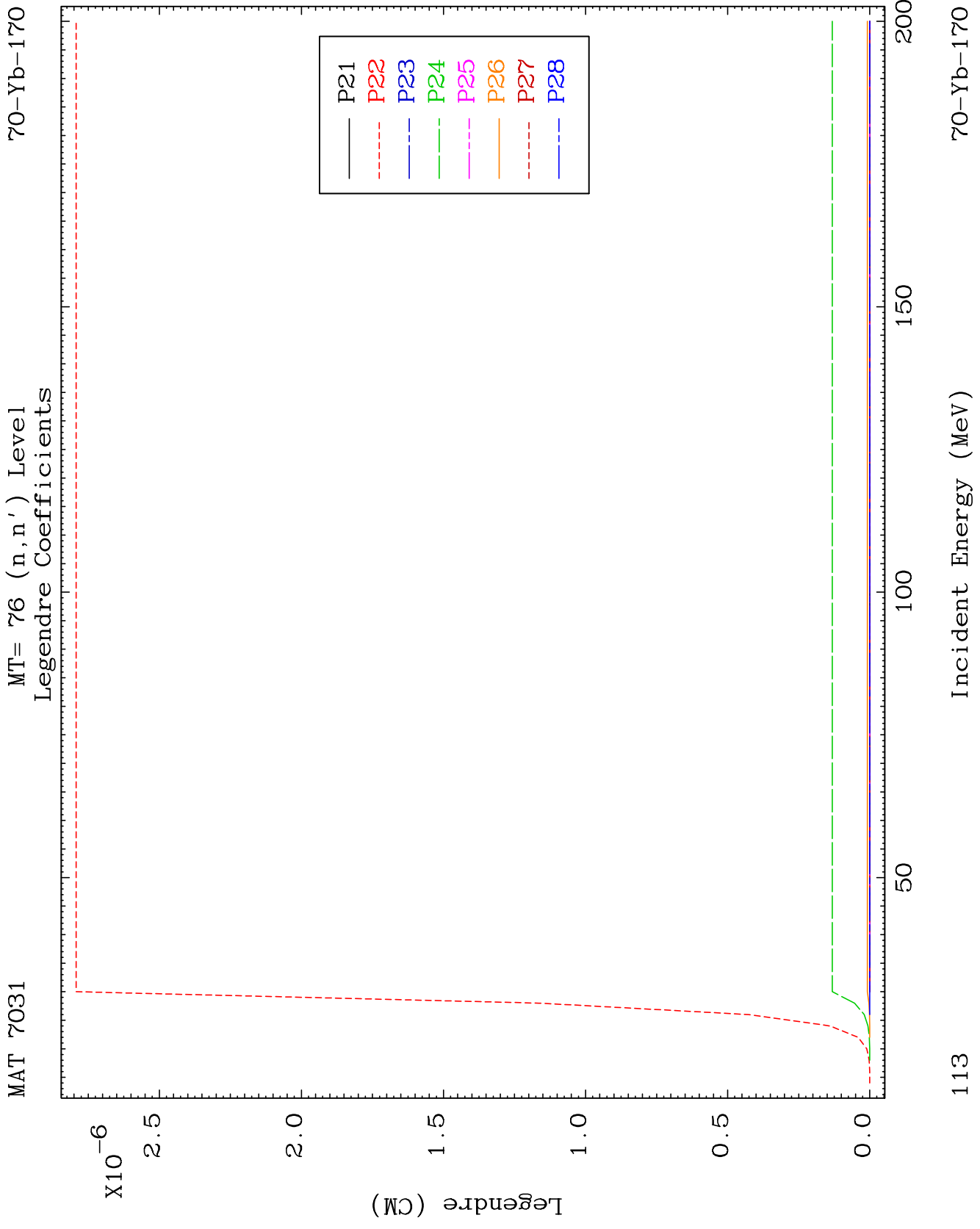
70-Yb-170







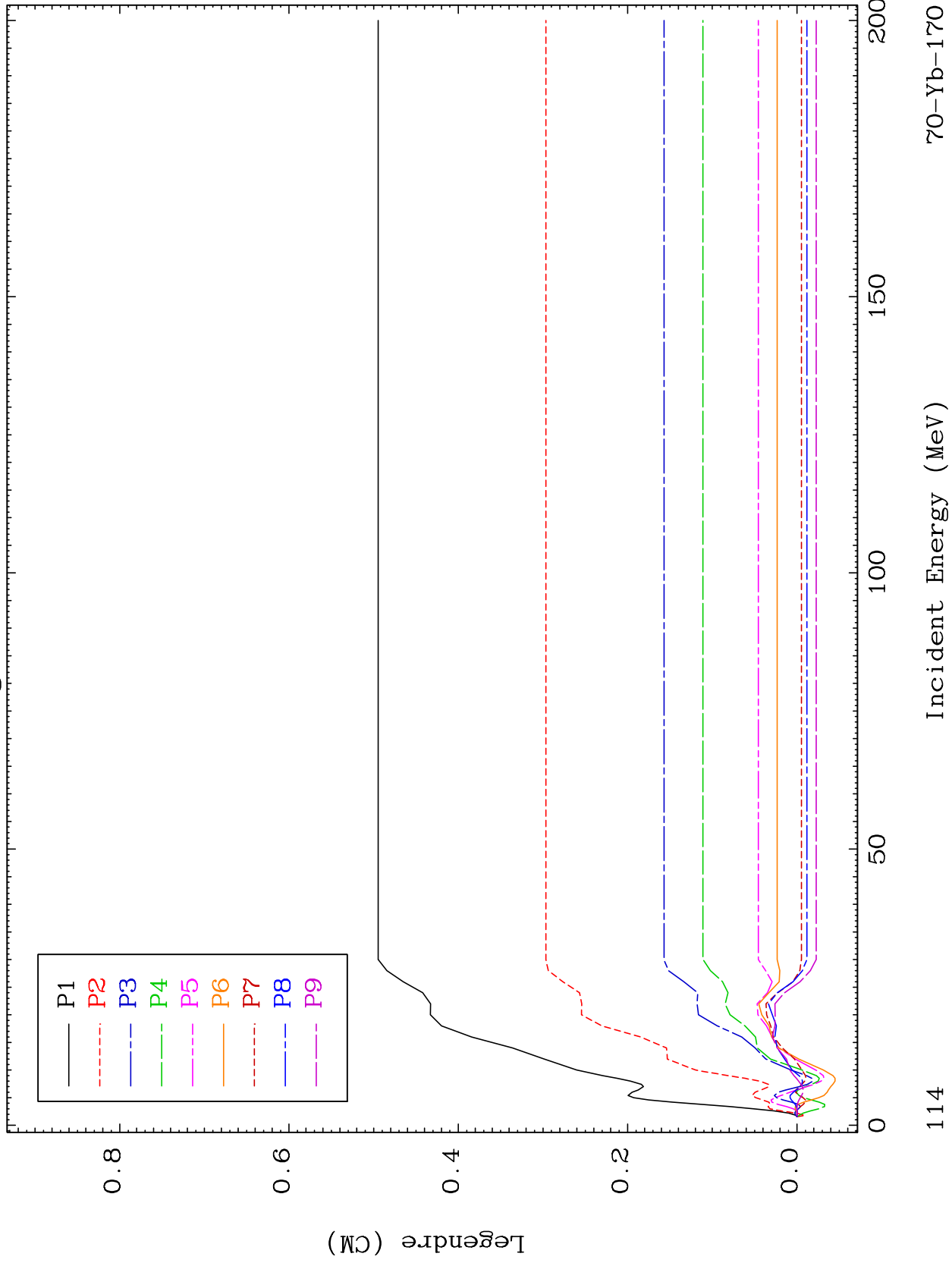




MAT 7031

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

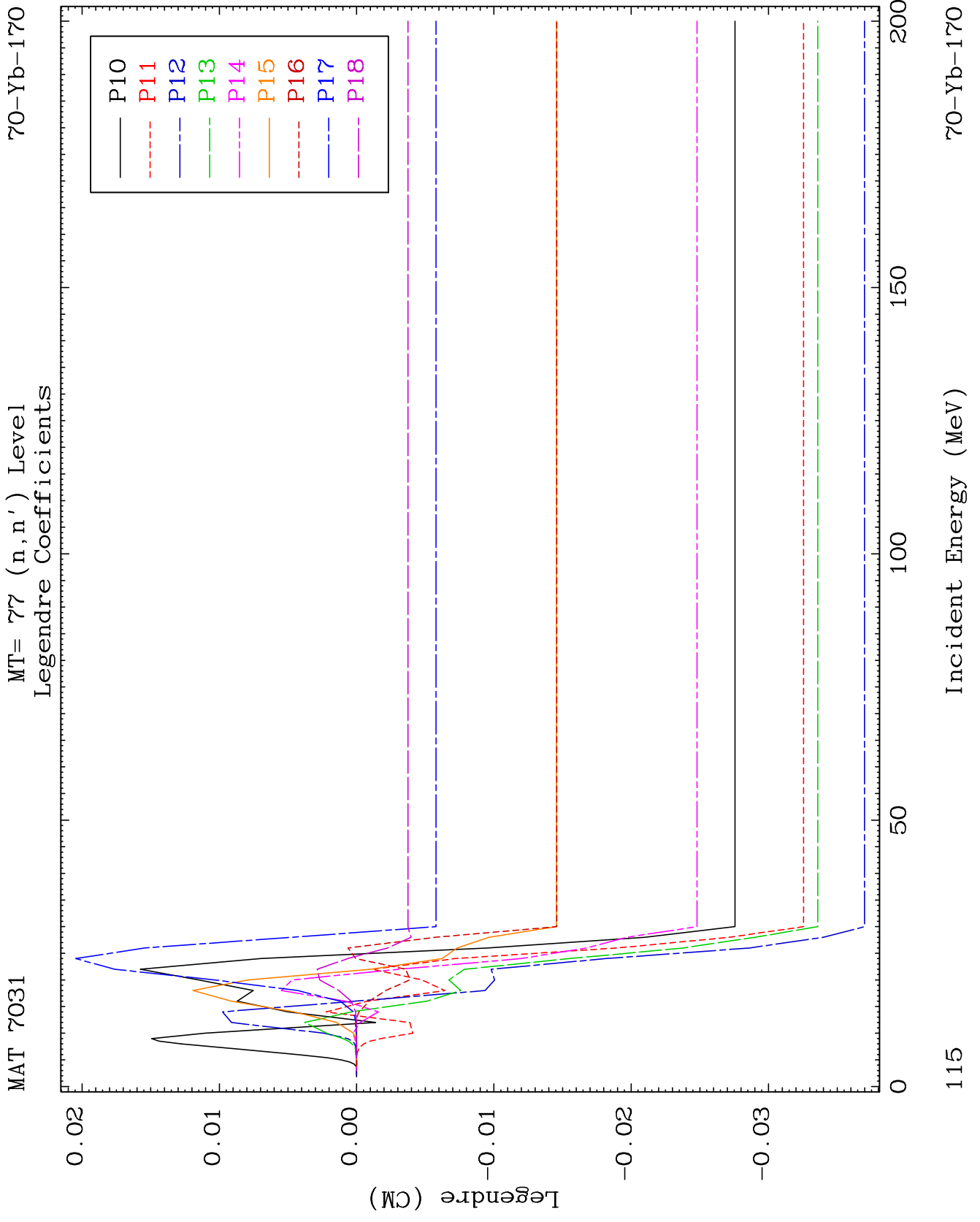
70-Yb-170



114

Incident Energy (MeV)

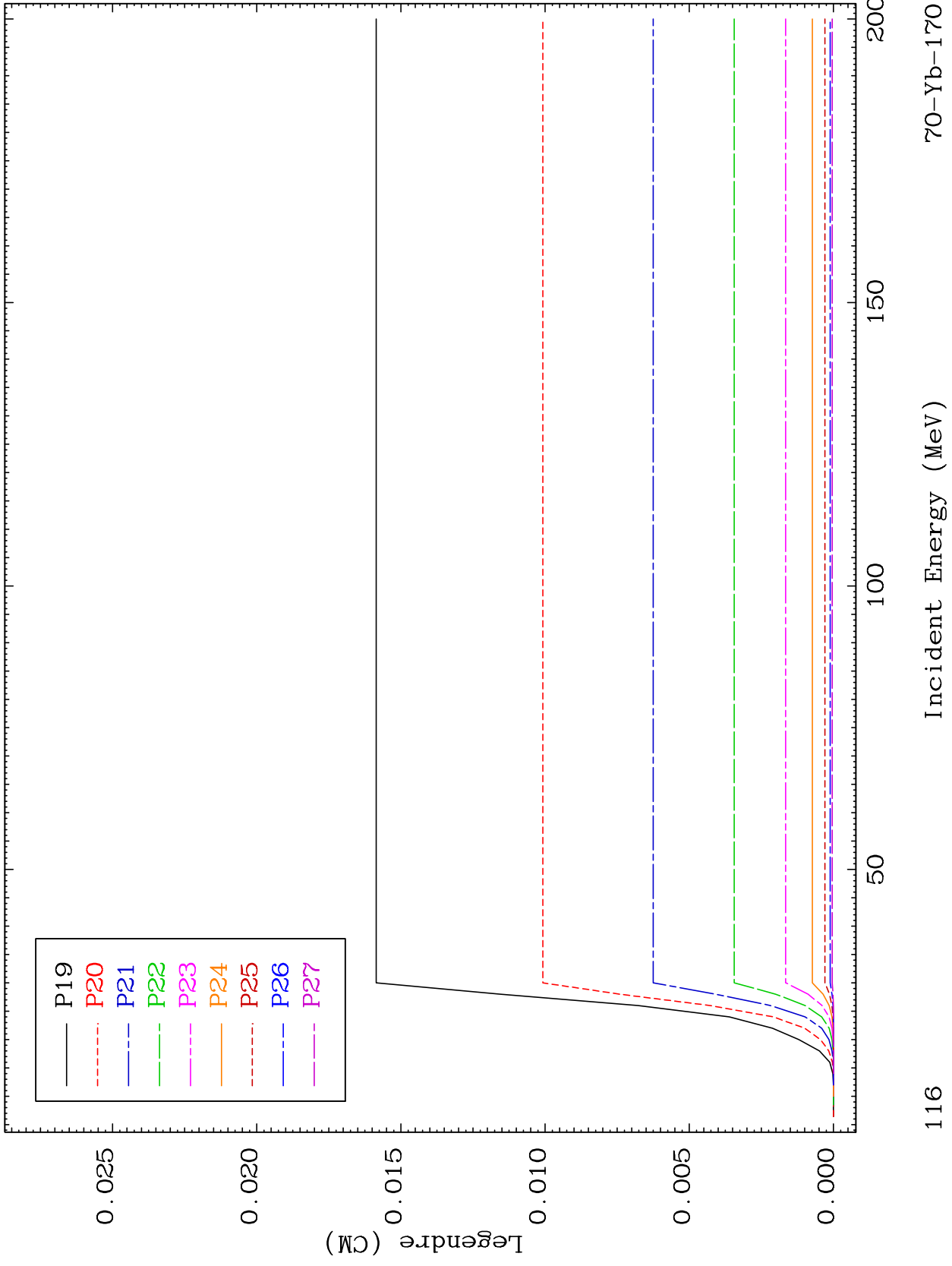
70-Yb-170



MAT 7031

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

70-Yb-170



116

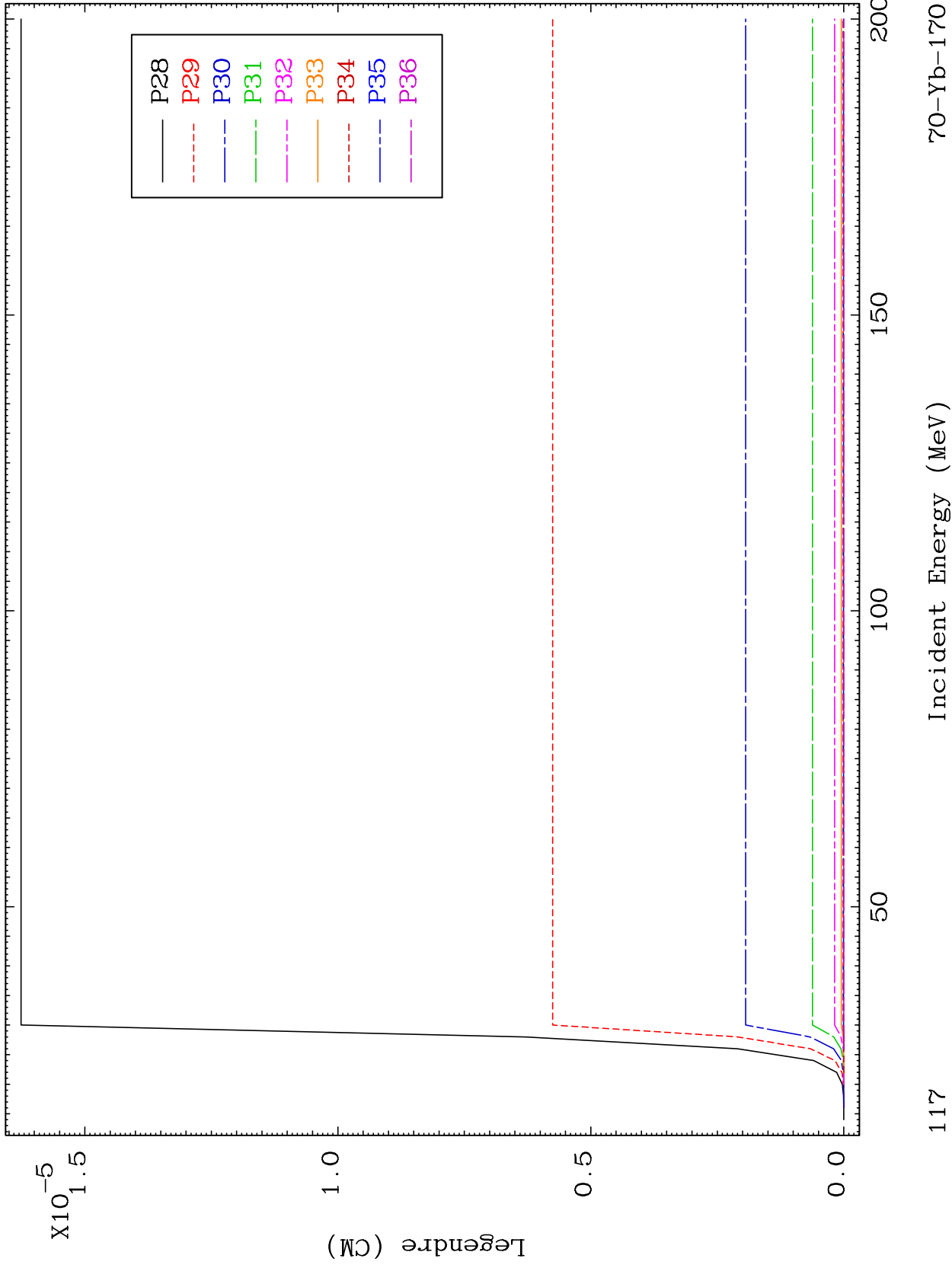
Incident Energy (MeV)

70-Yb-170

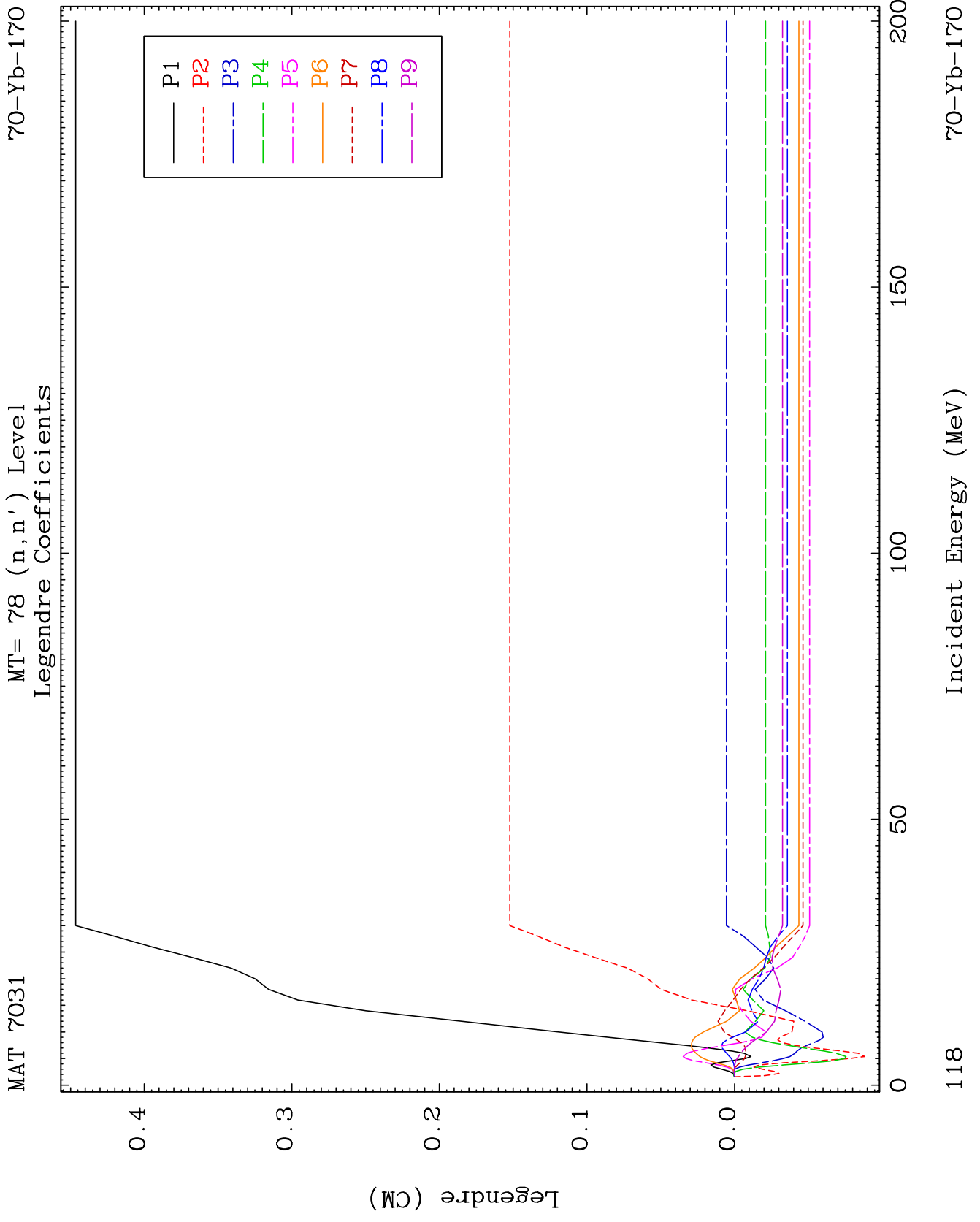
MAT 7031

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

70-Yb-170



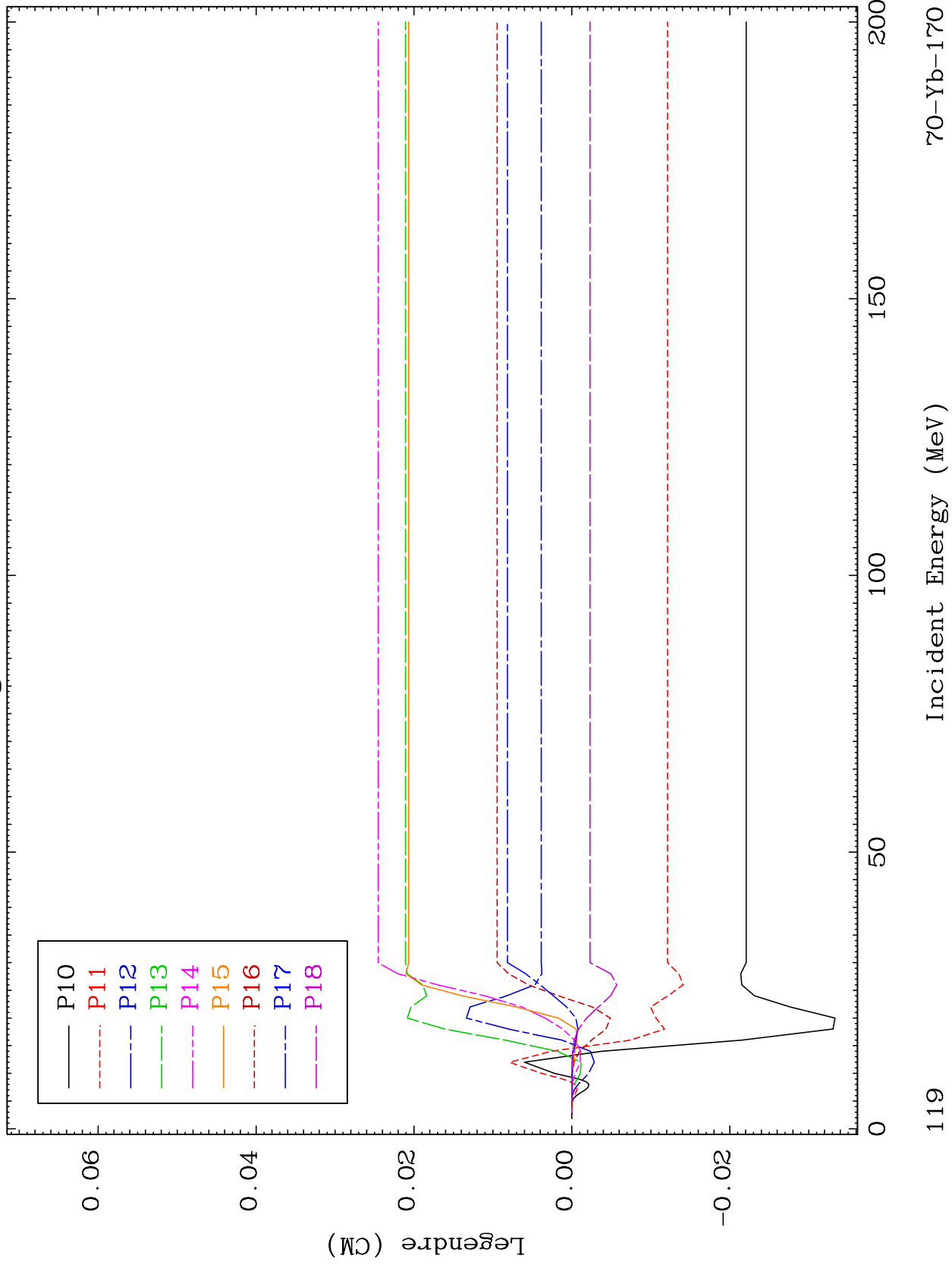
117



MAT 7031

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

70-Yb-170

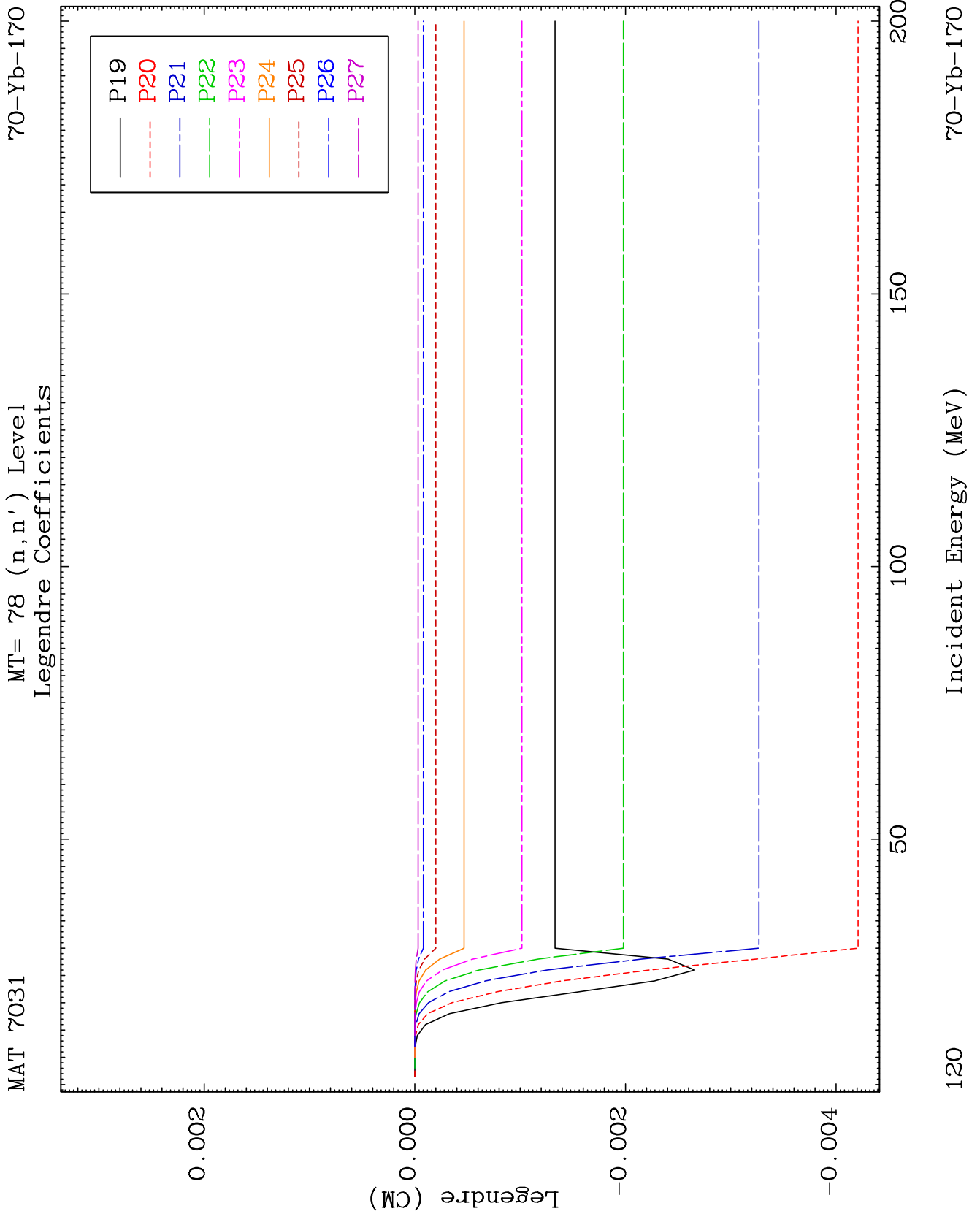


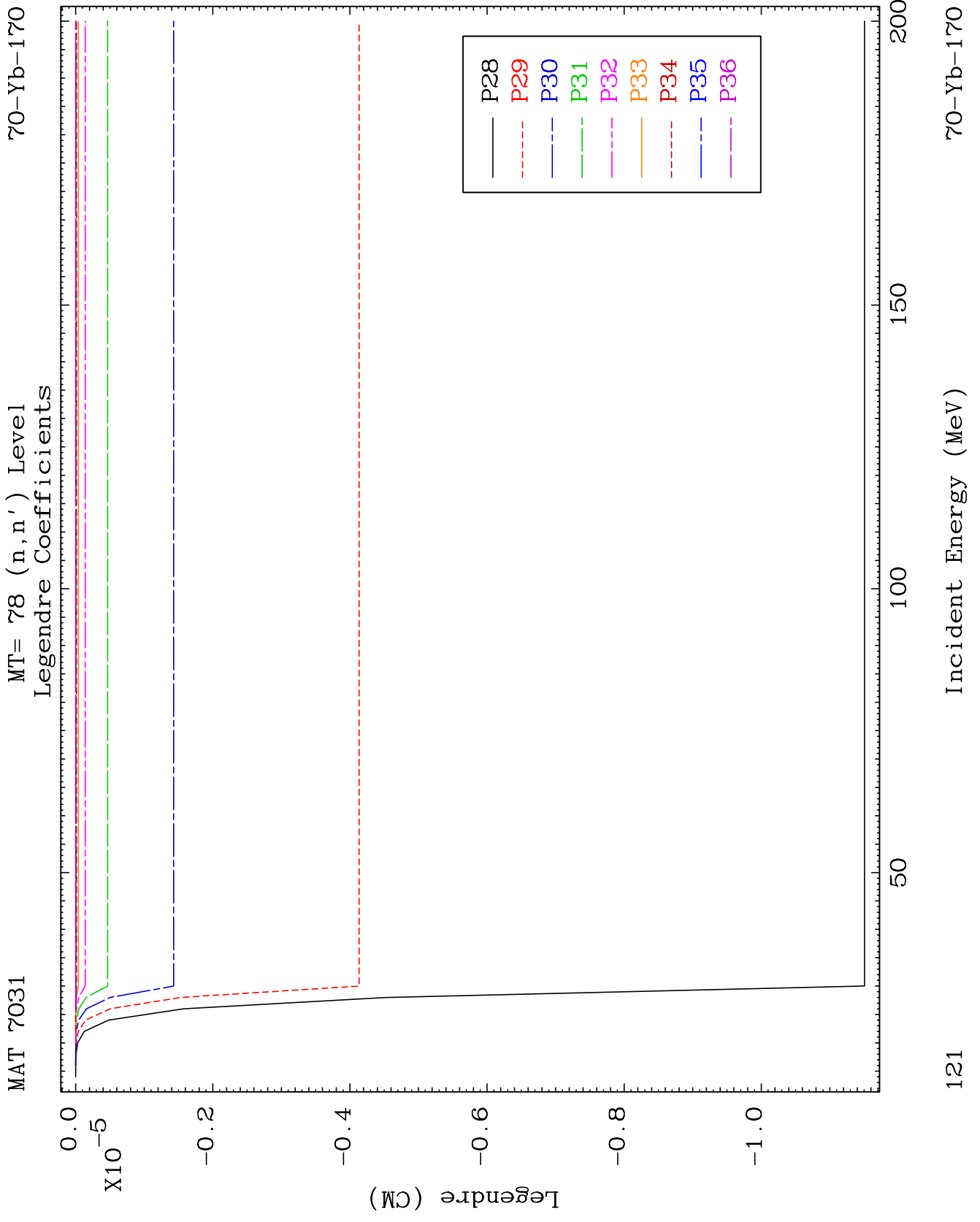
119

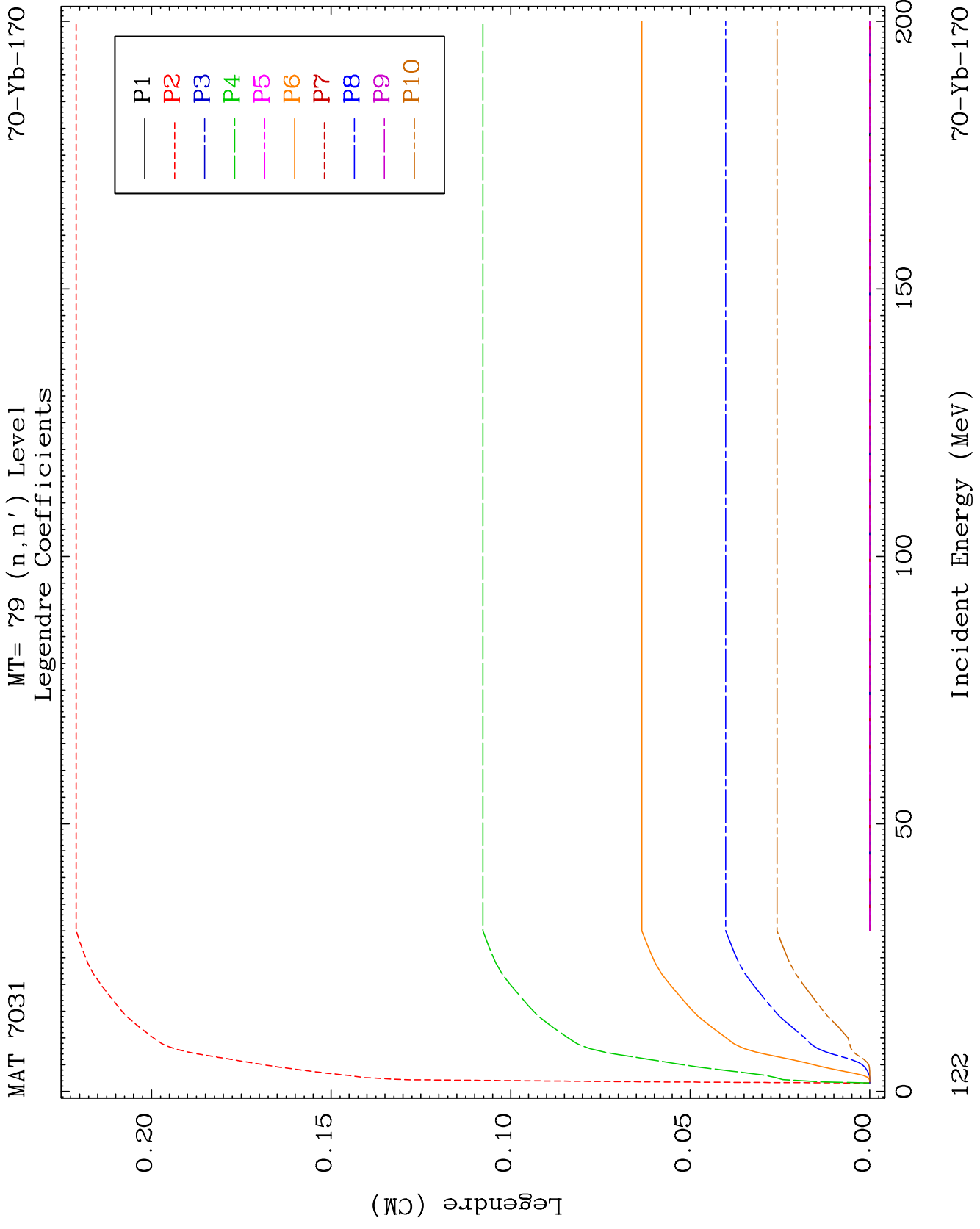
Incident Energy (MeV)

70-Yb-170





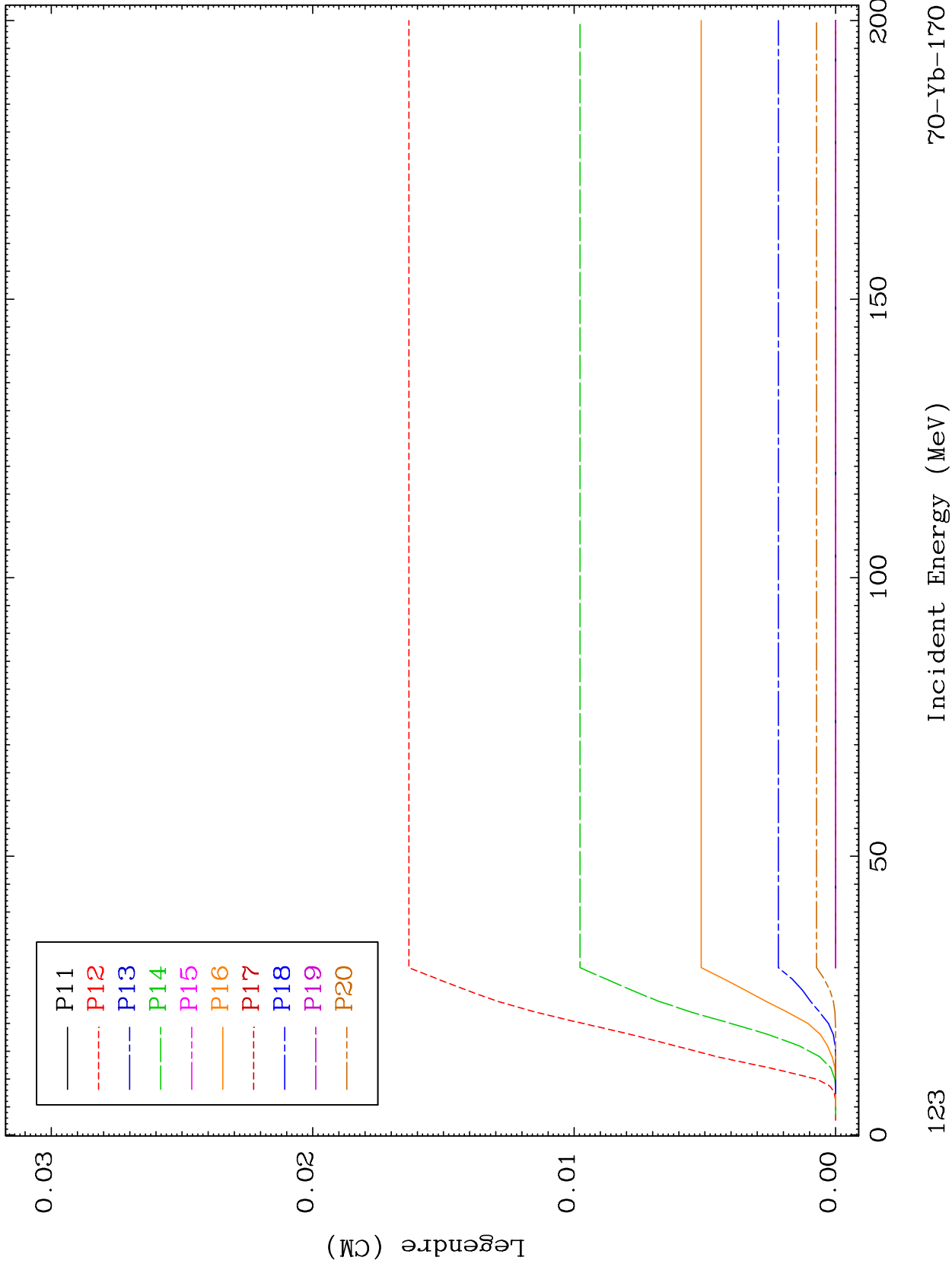


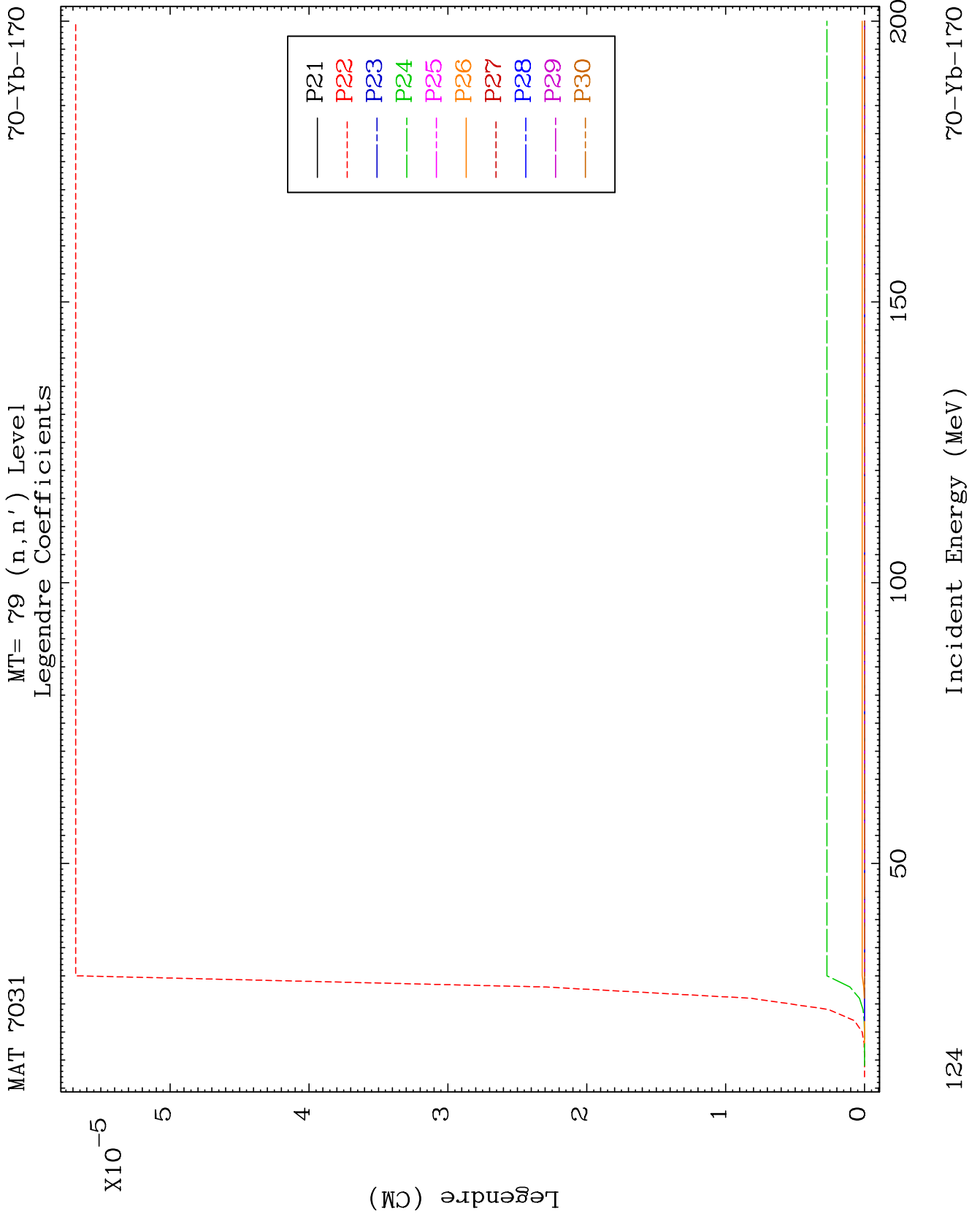


MAT 7031

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

70-Yb-170

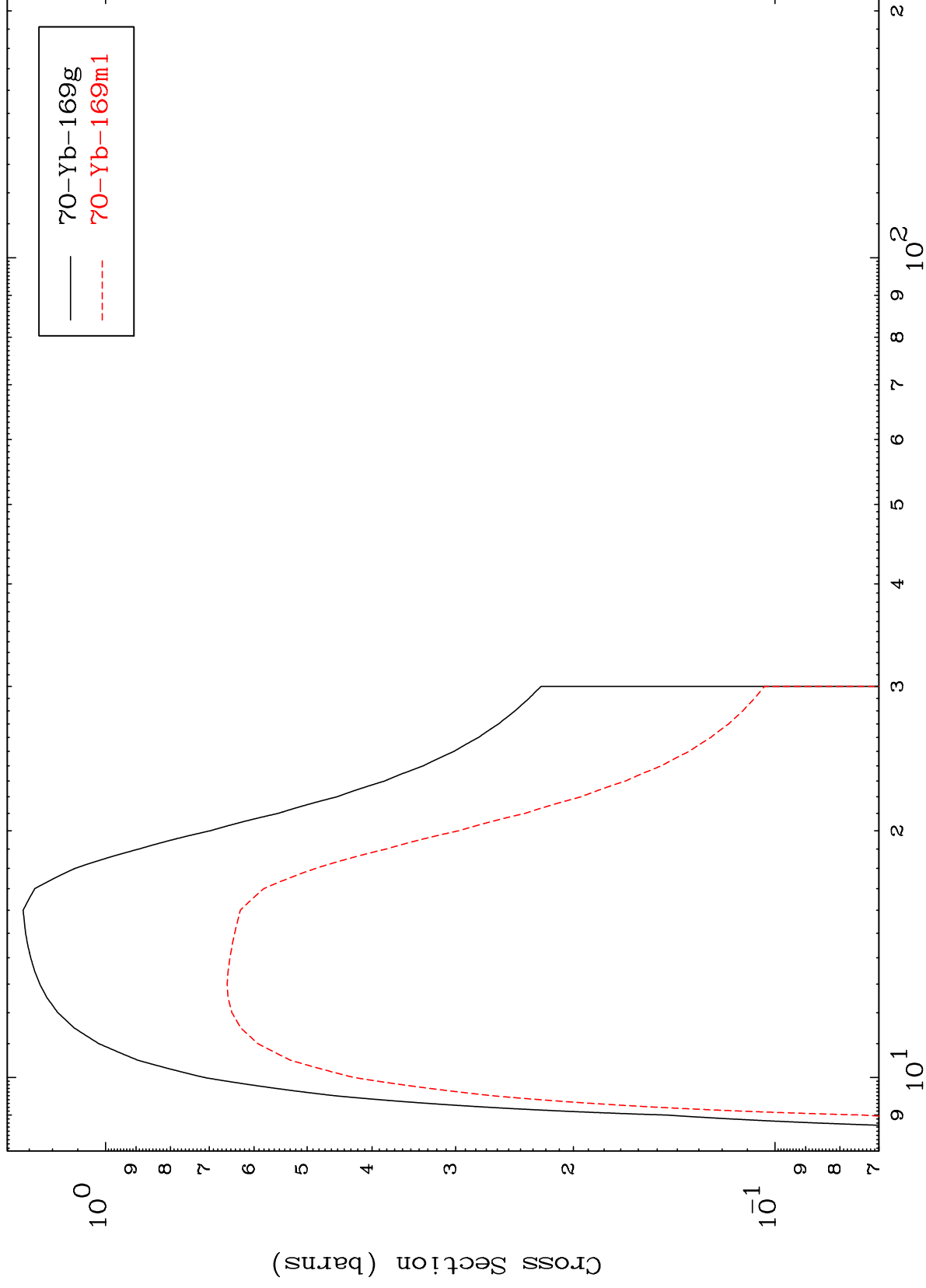




MAT 7031

<sup>70</sup>Yb-170

(n,2n)  
Radionuclide Production Cross Section

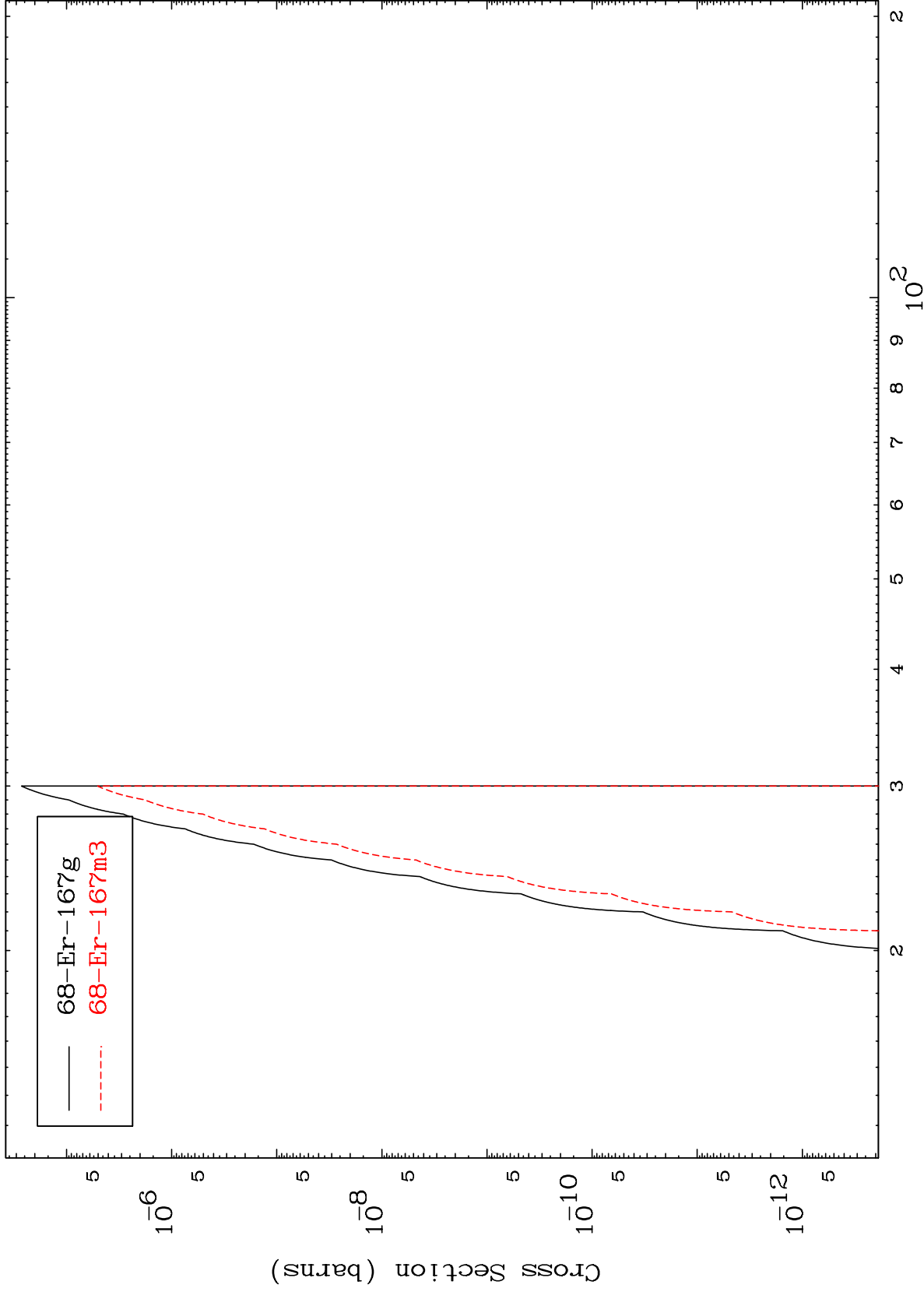


<sup>70</sup>Yb-170

Incident Energy (MeV)

125

Radionuclide Production Cross Section

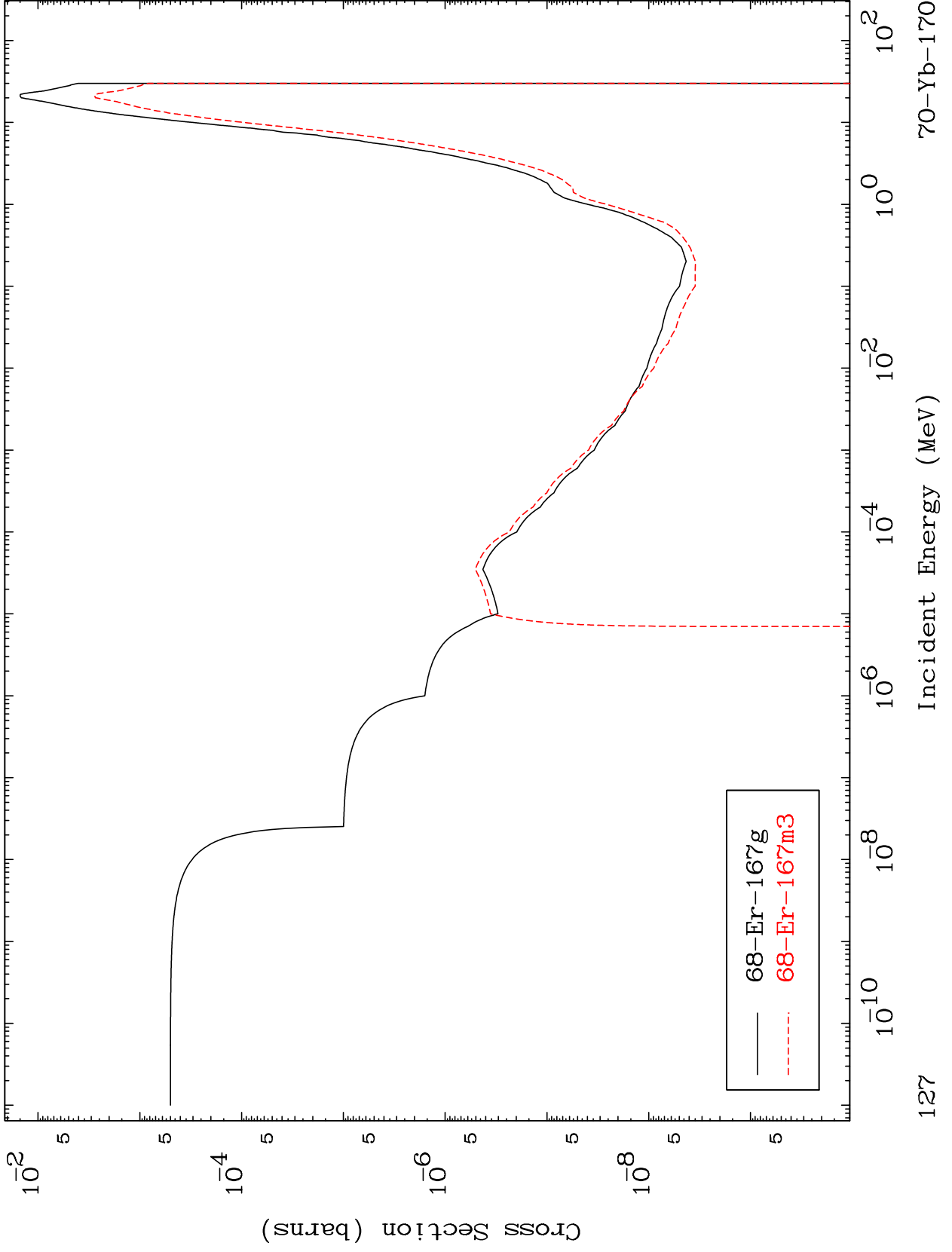


MAT 7031

70-Yb-170

Radionuclide Production Cross Section

(n,  $\alpha$ )



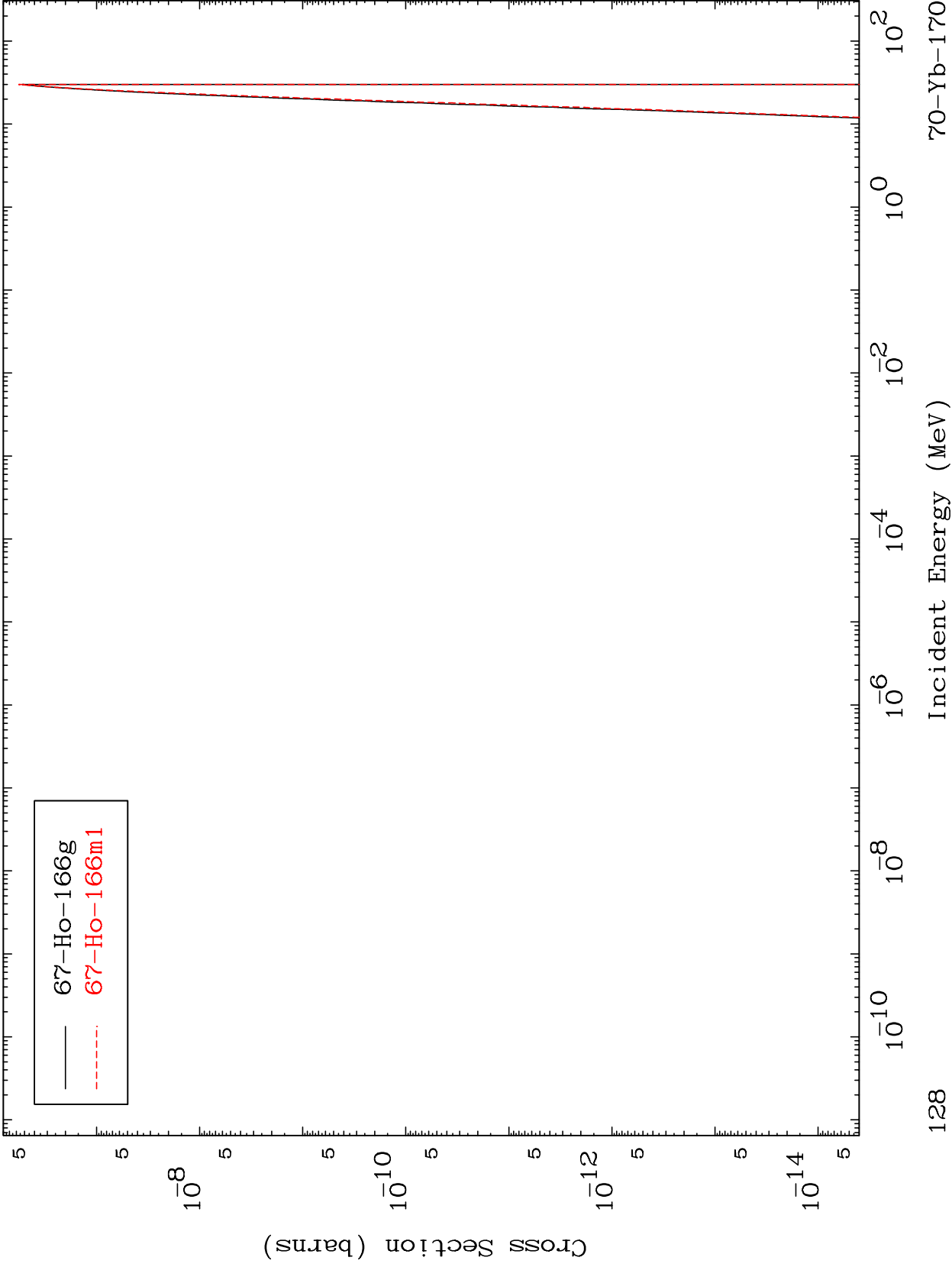


MAT 7031

(n,p)  $\alpha$

70-Yb-170

Radionuclide Production Cross Section

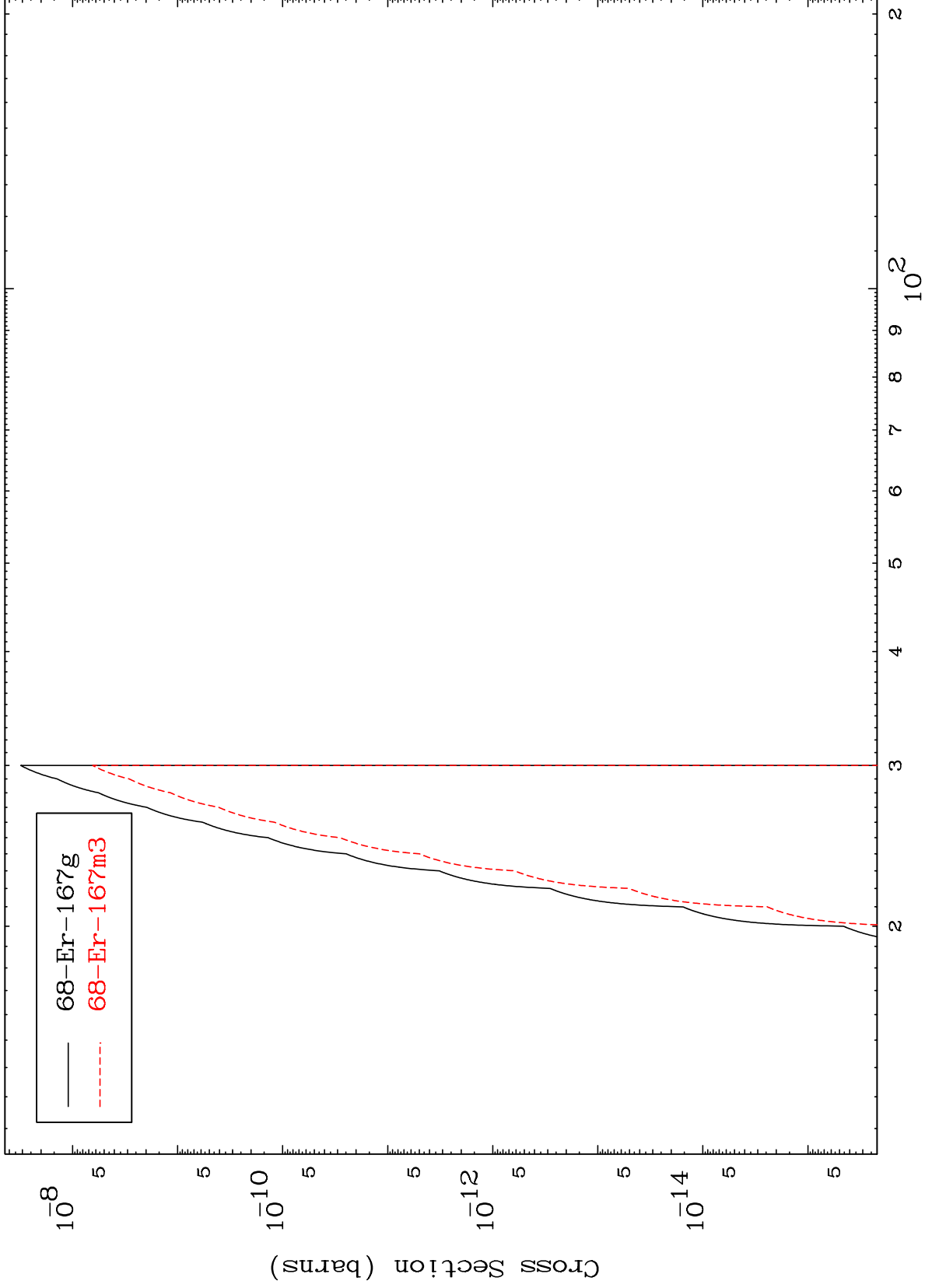


MAT 7031

(n,p) t

70-Yb-170

Radionuclide Production Cross Section



129

Incident Energy (MeV)

70-Yb-170