

Program EVALPLOT  
(Version 2017-1)

by

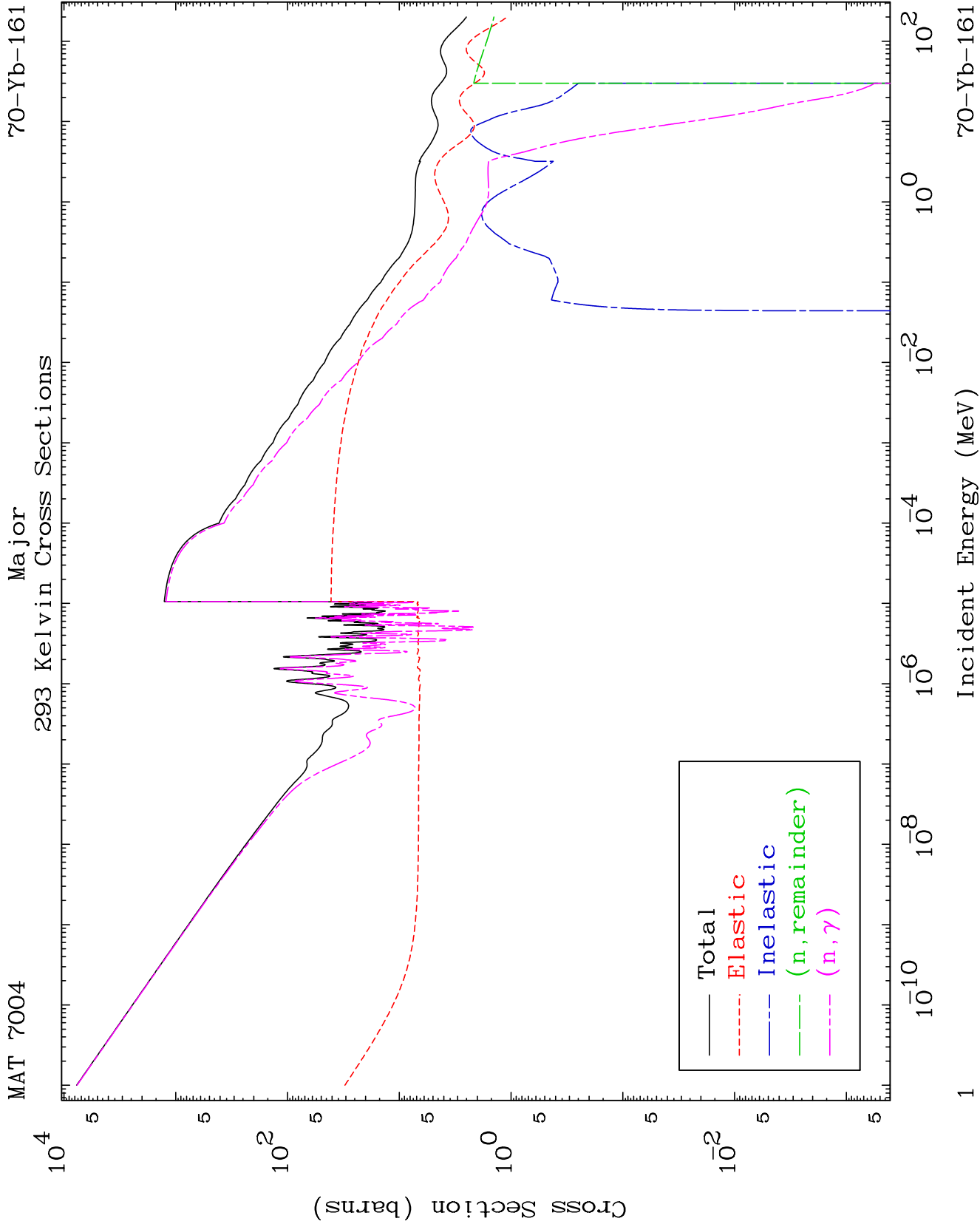
Dermott E. Cullen  
(Present Contact Information)

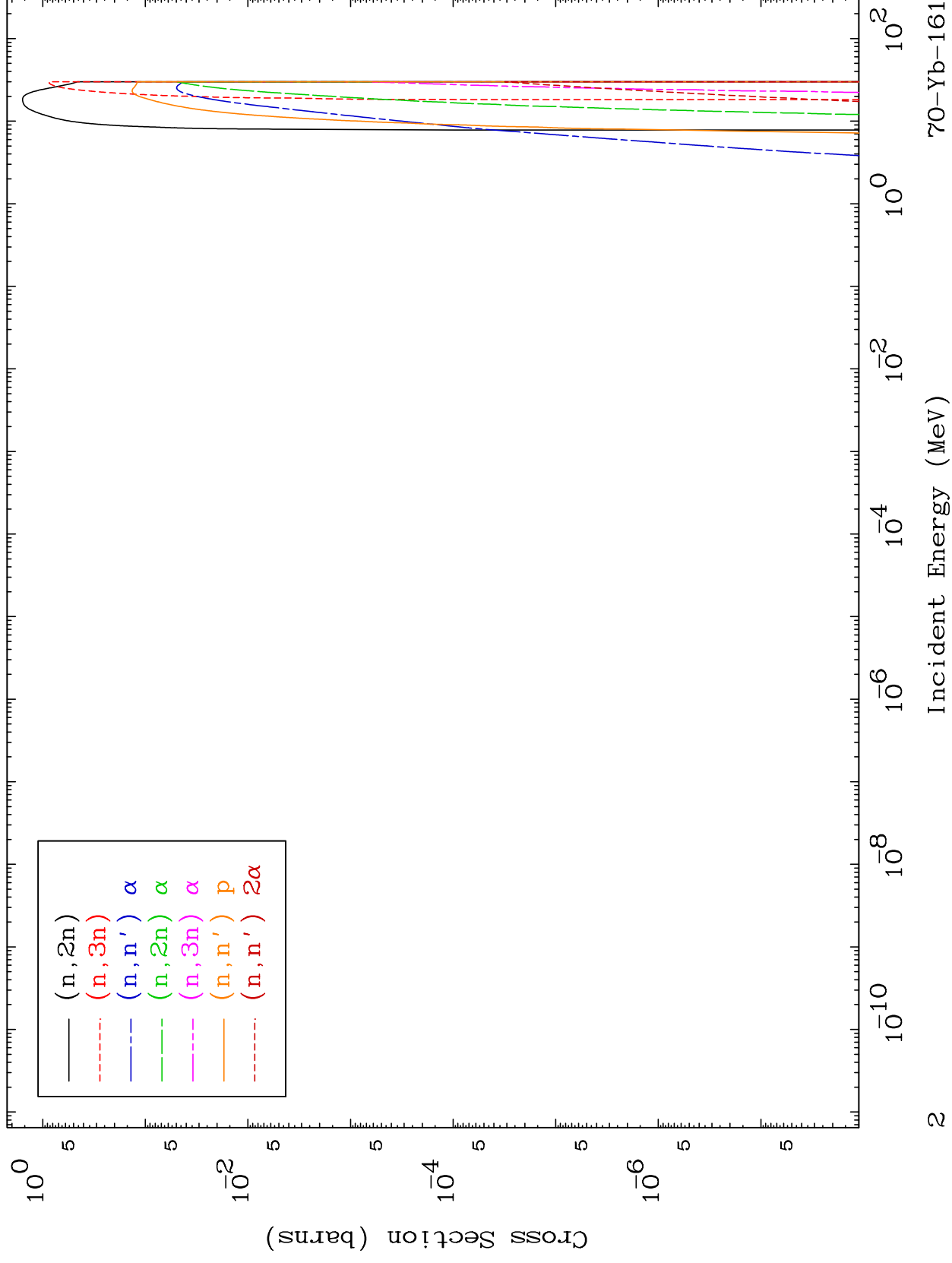
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start



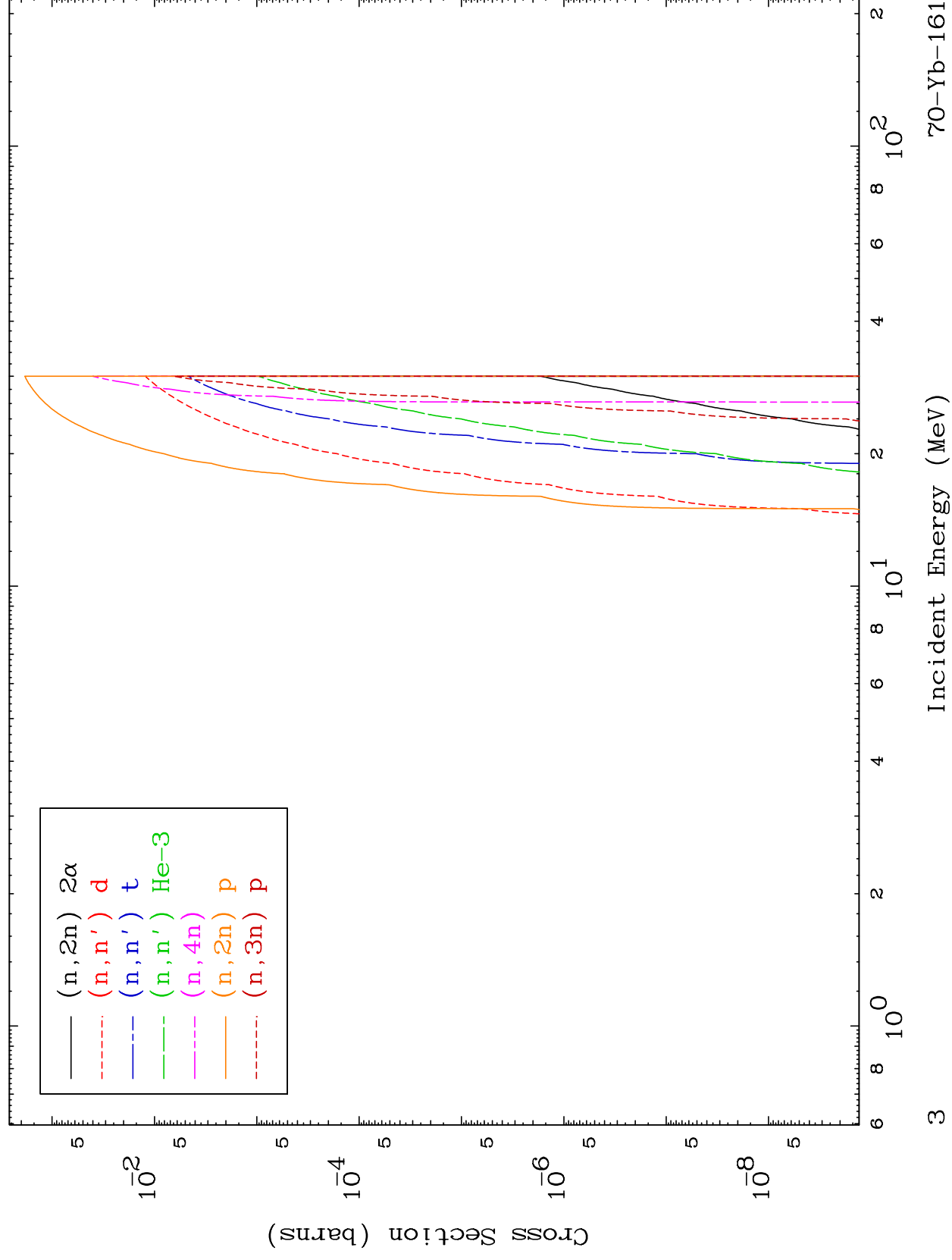


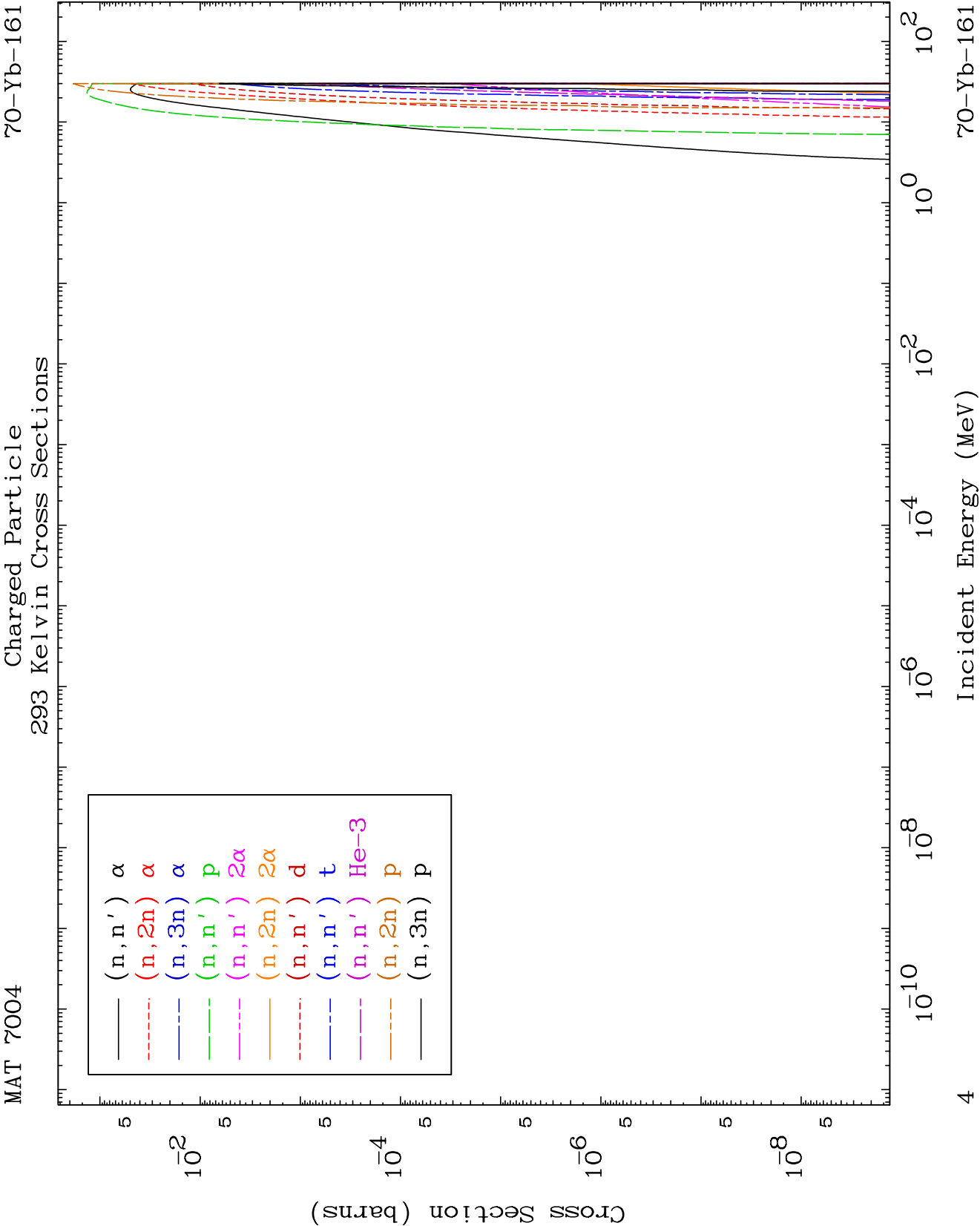
MAT 7004

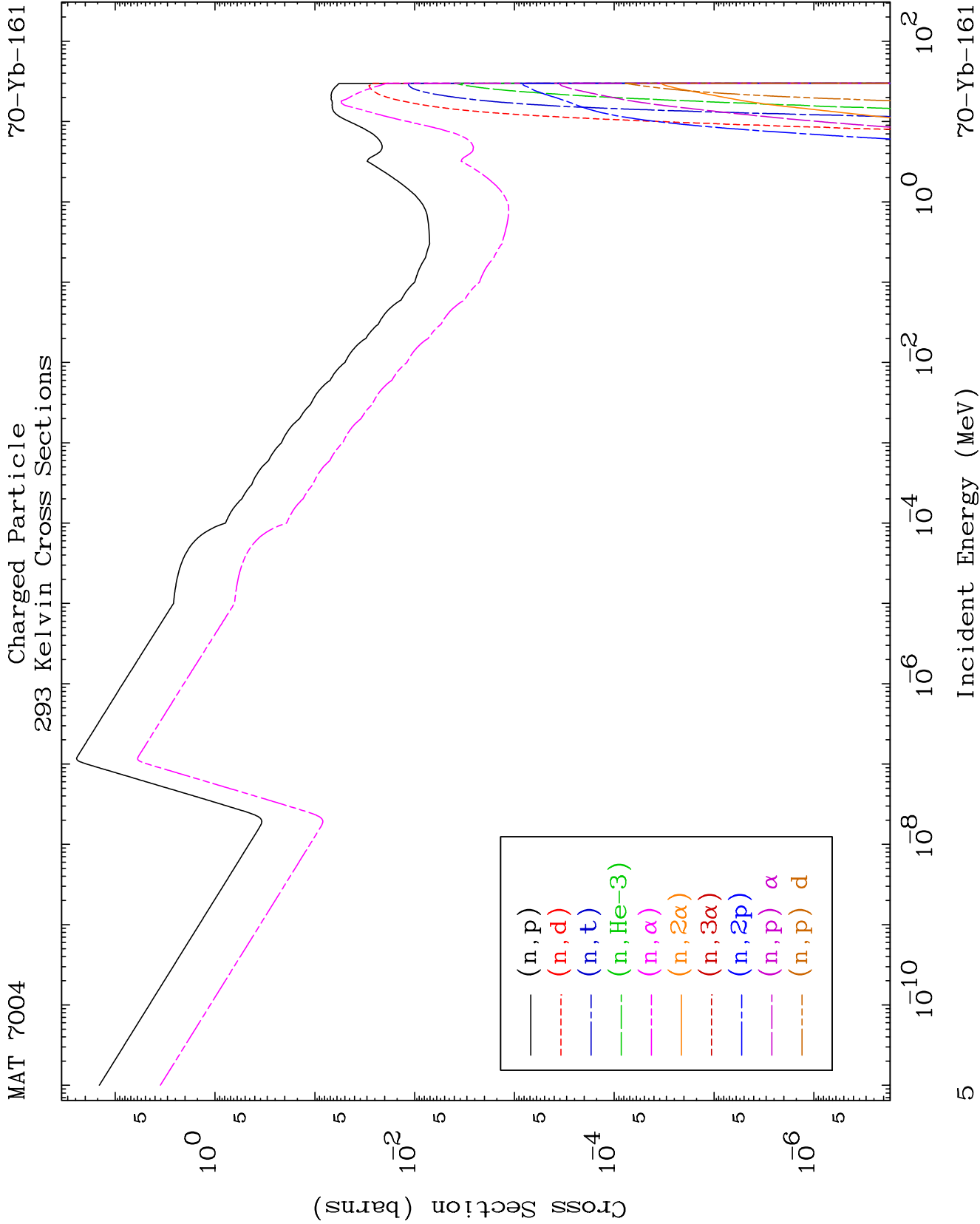
# Neutron Production

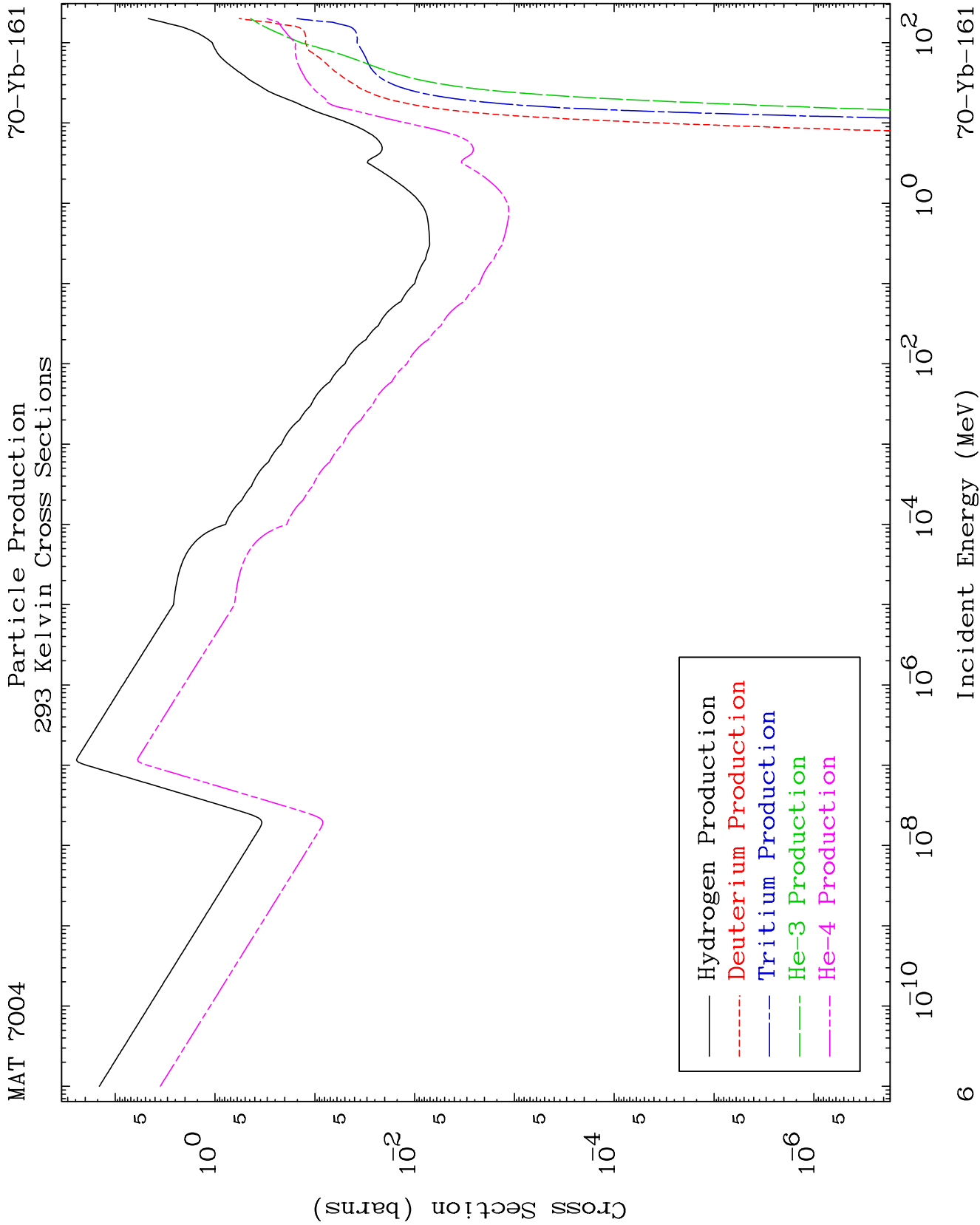
## 293 Kelvin Cross Sections

70-Yb-161

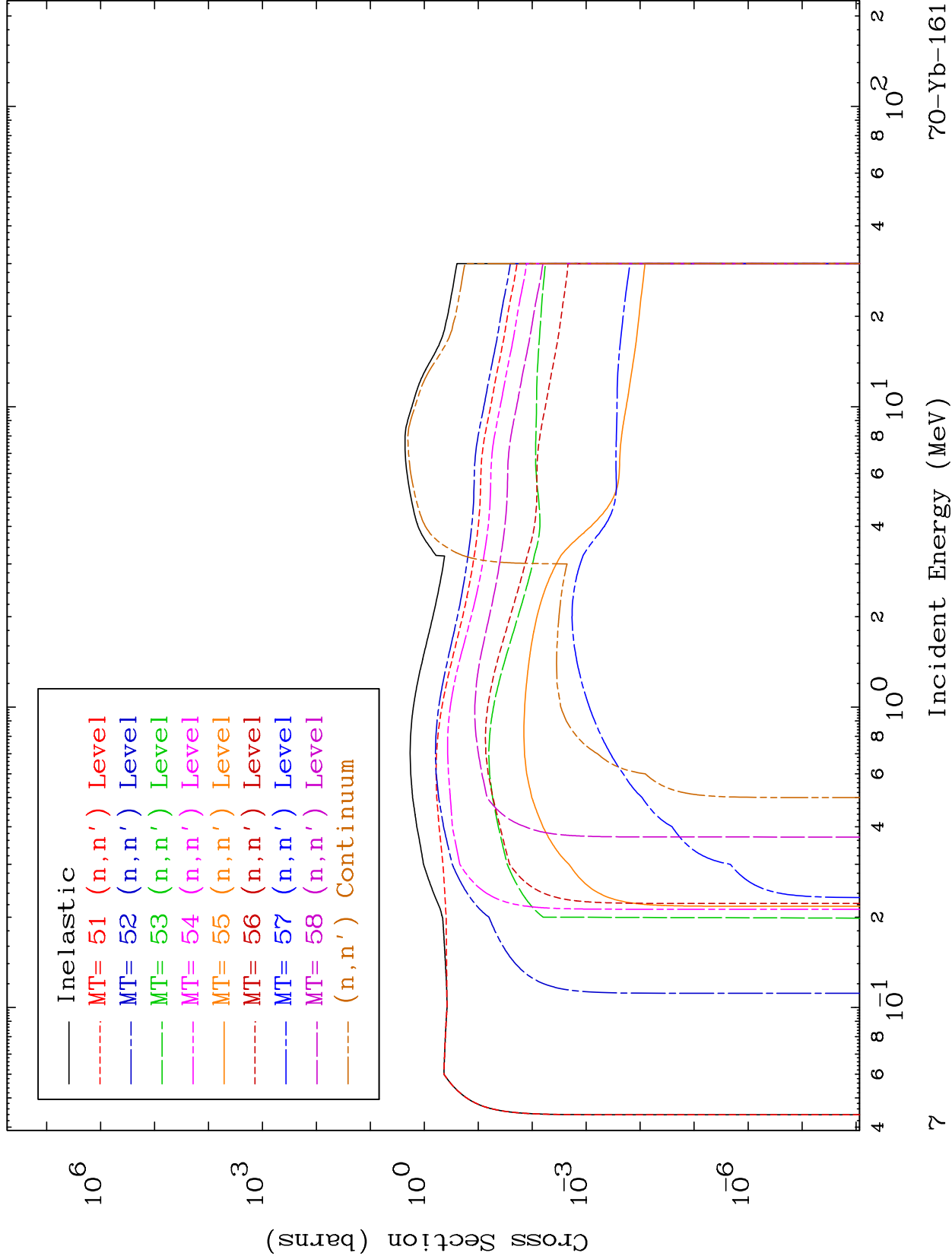




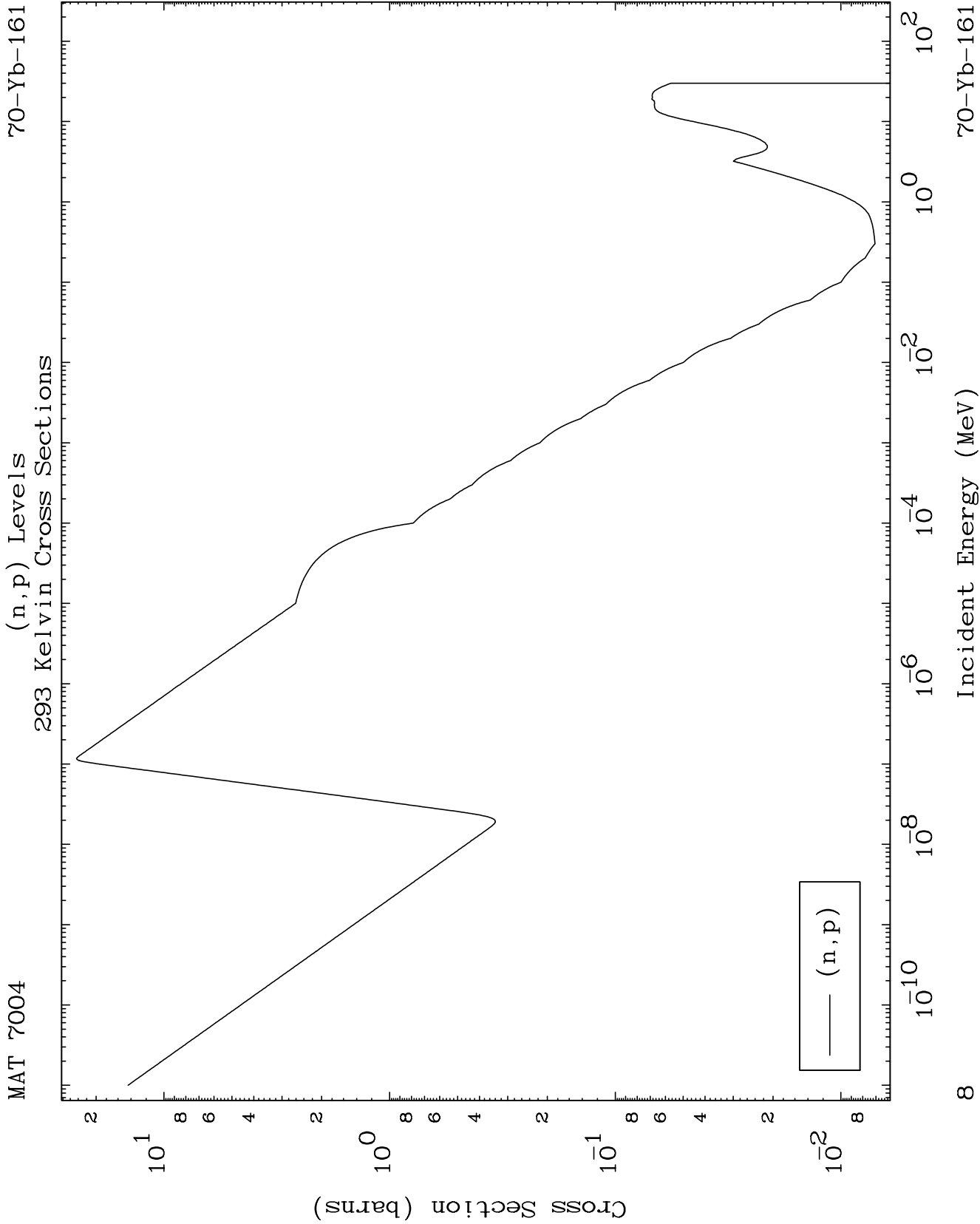




(n,n') Level  
293 Kelvin Cross Sections



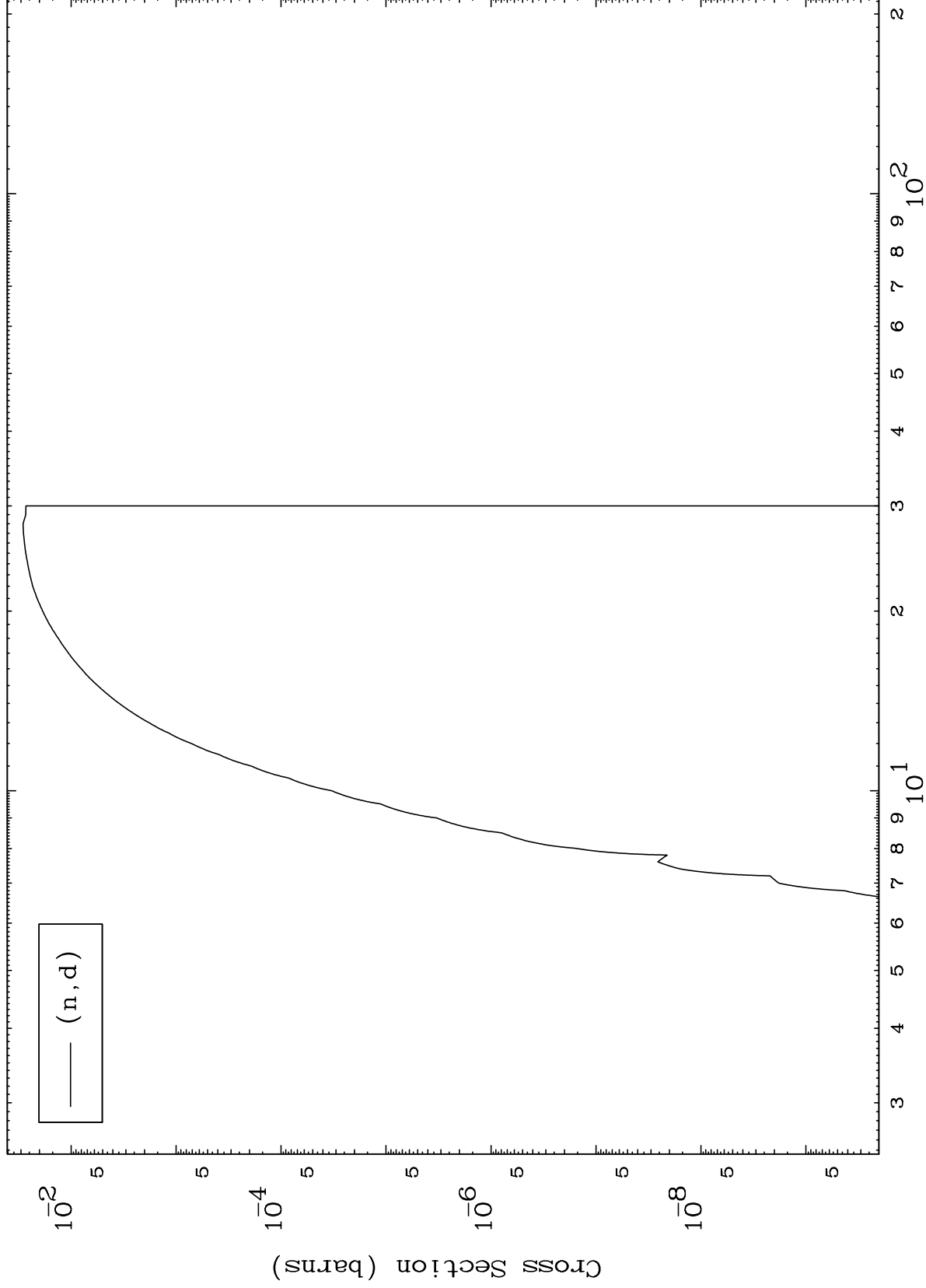




MAT 7004

<sup>70</sup>Yb-161

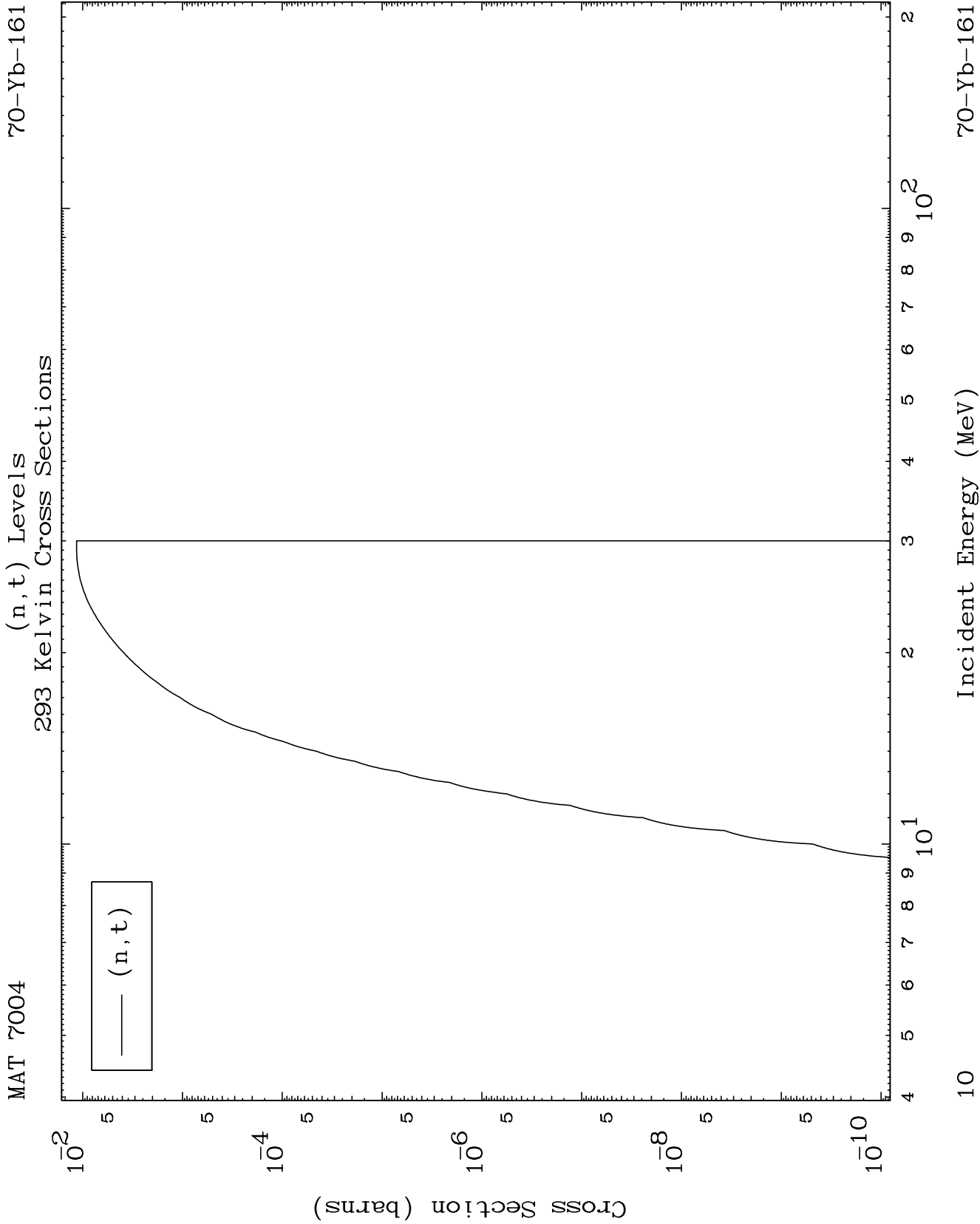
(n,d) Levels  
293 Kelvin Cross Sections

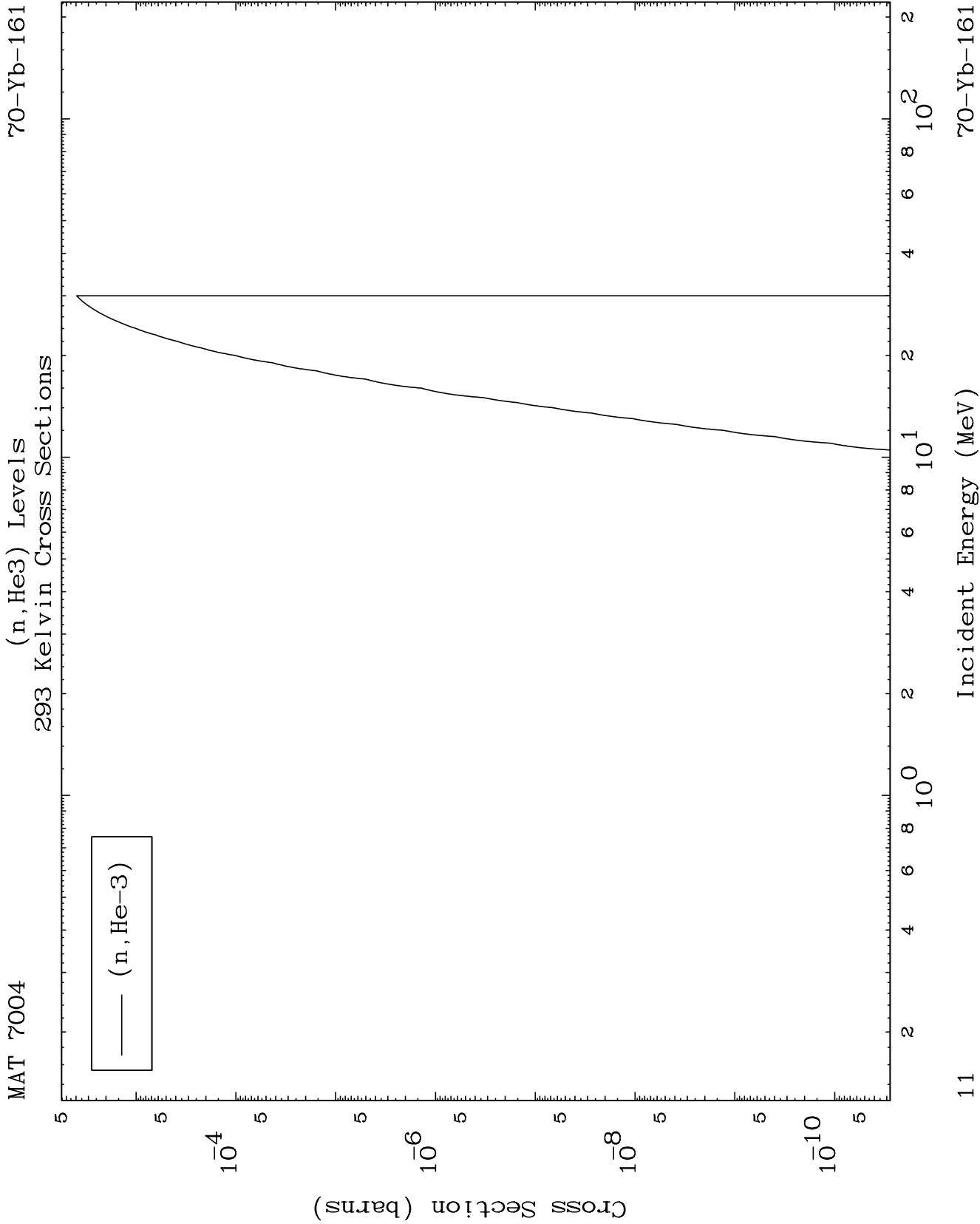


9

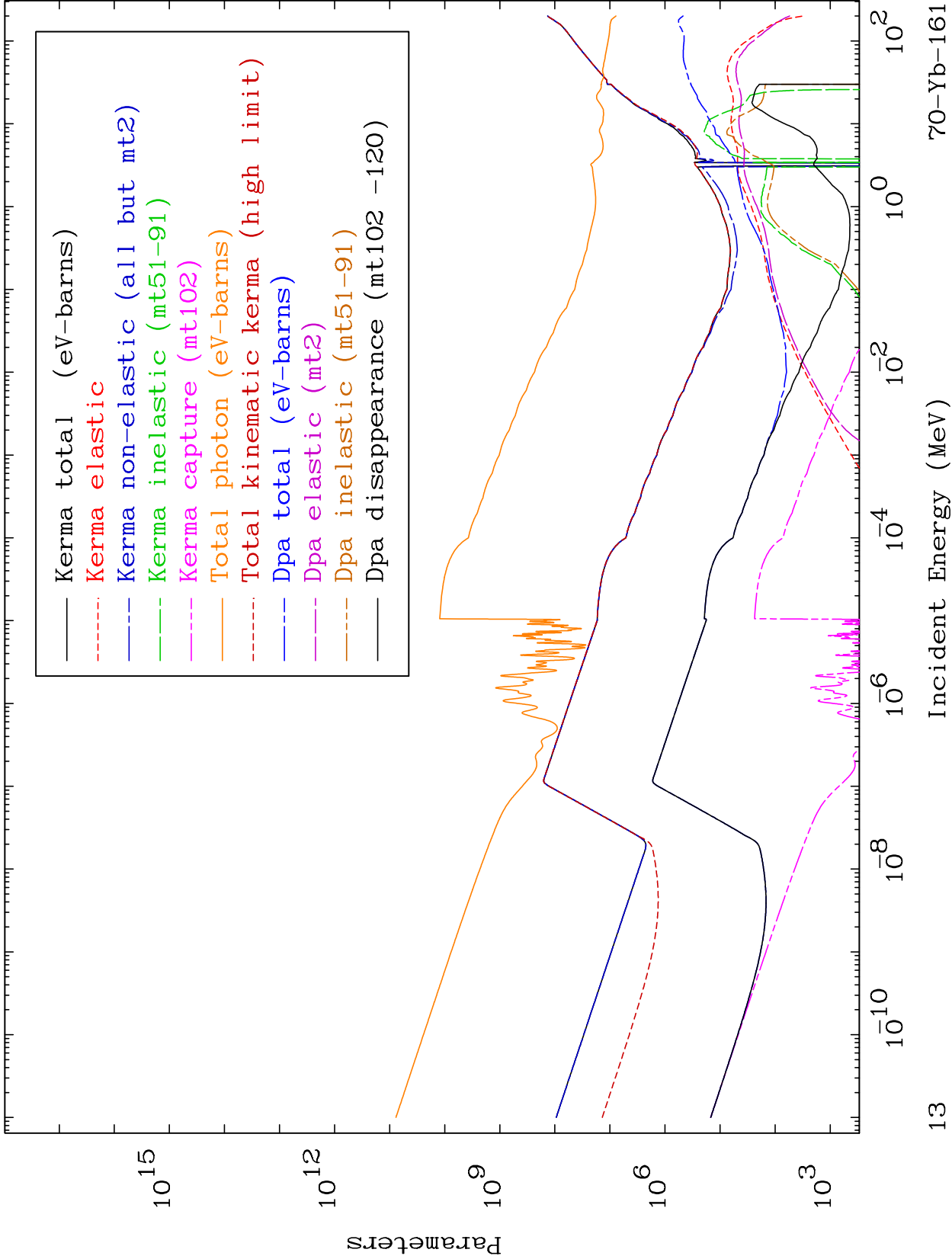
Incident Energy (MeV)

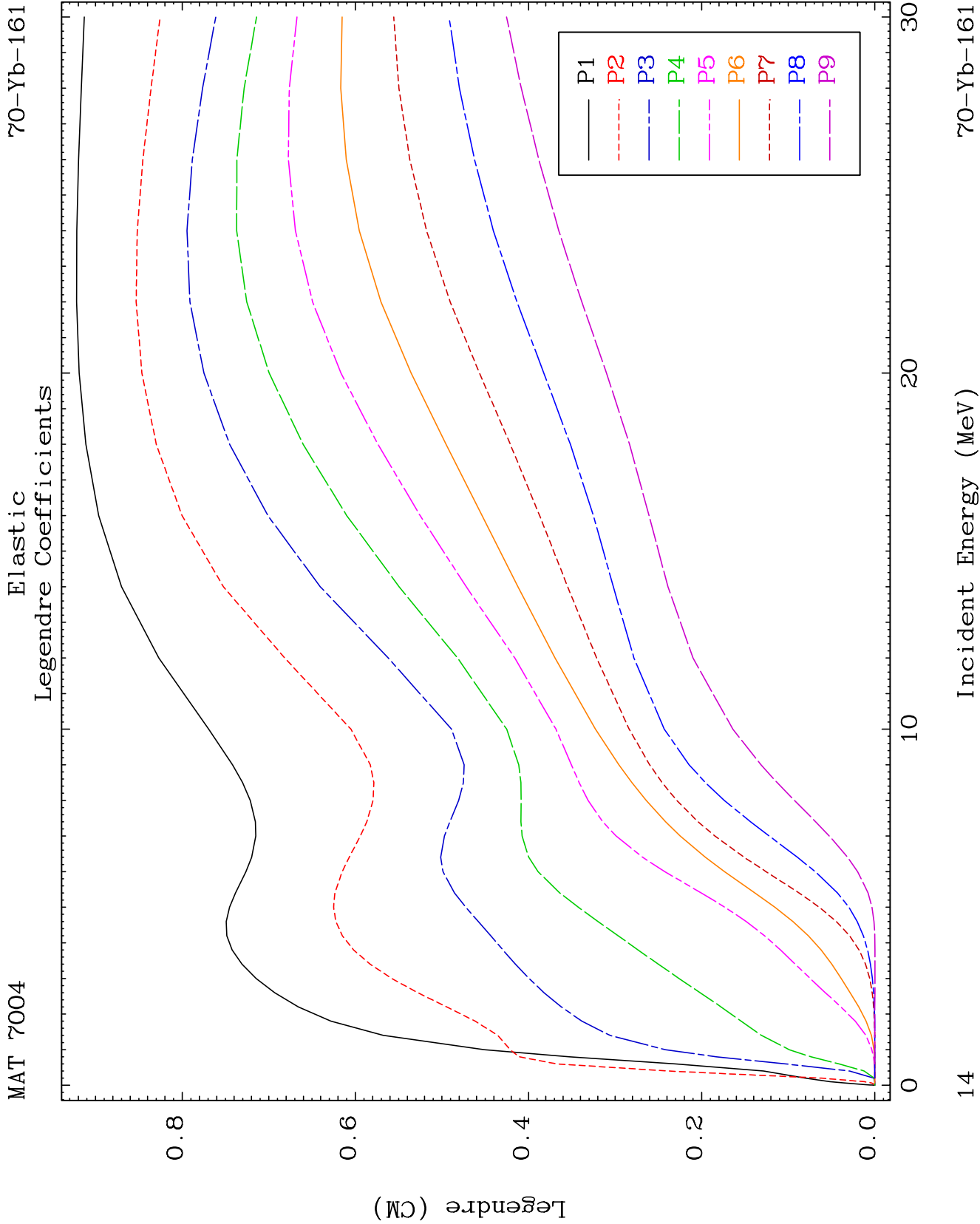
<sup>70</sup>Yb-161

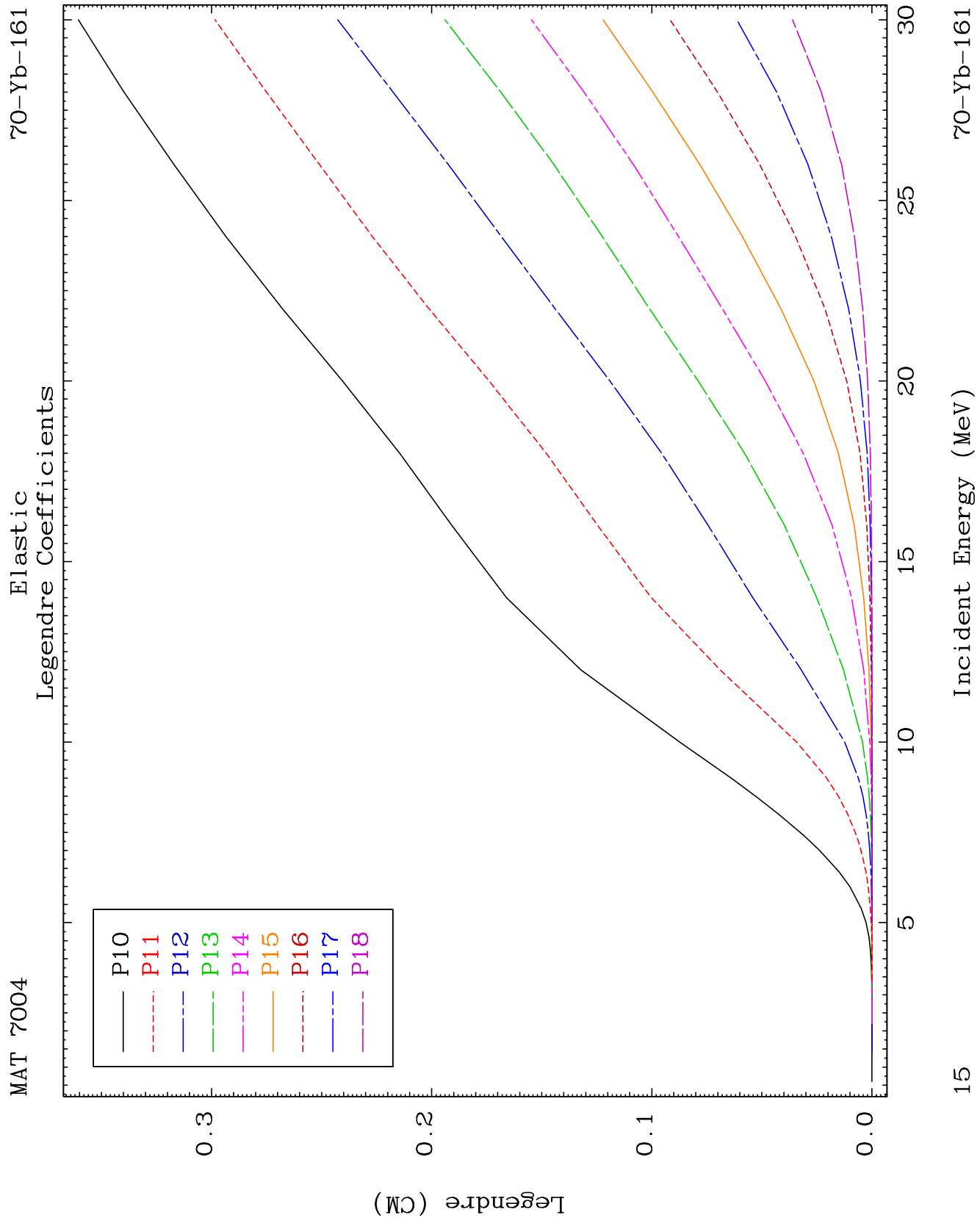




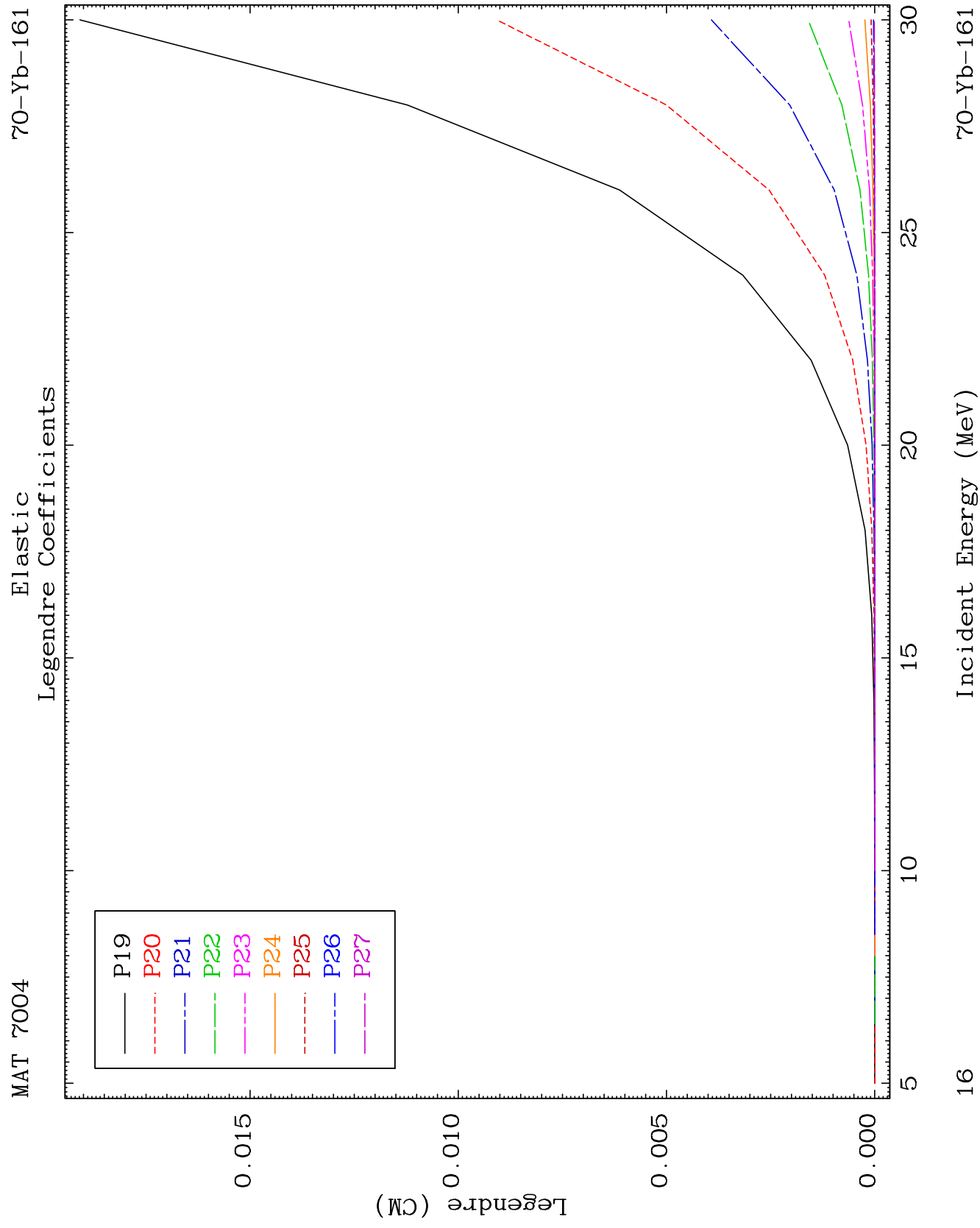


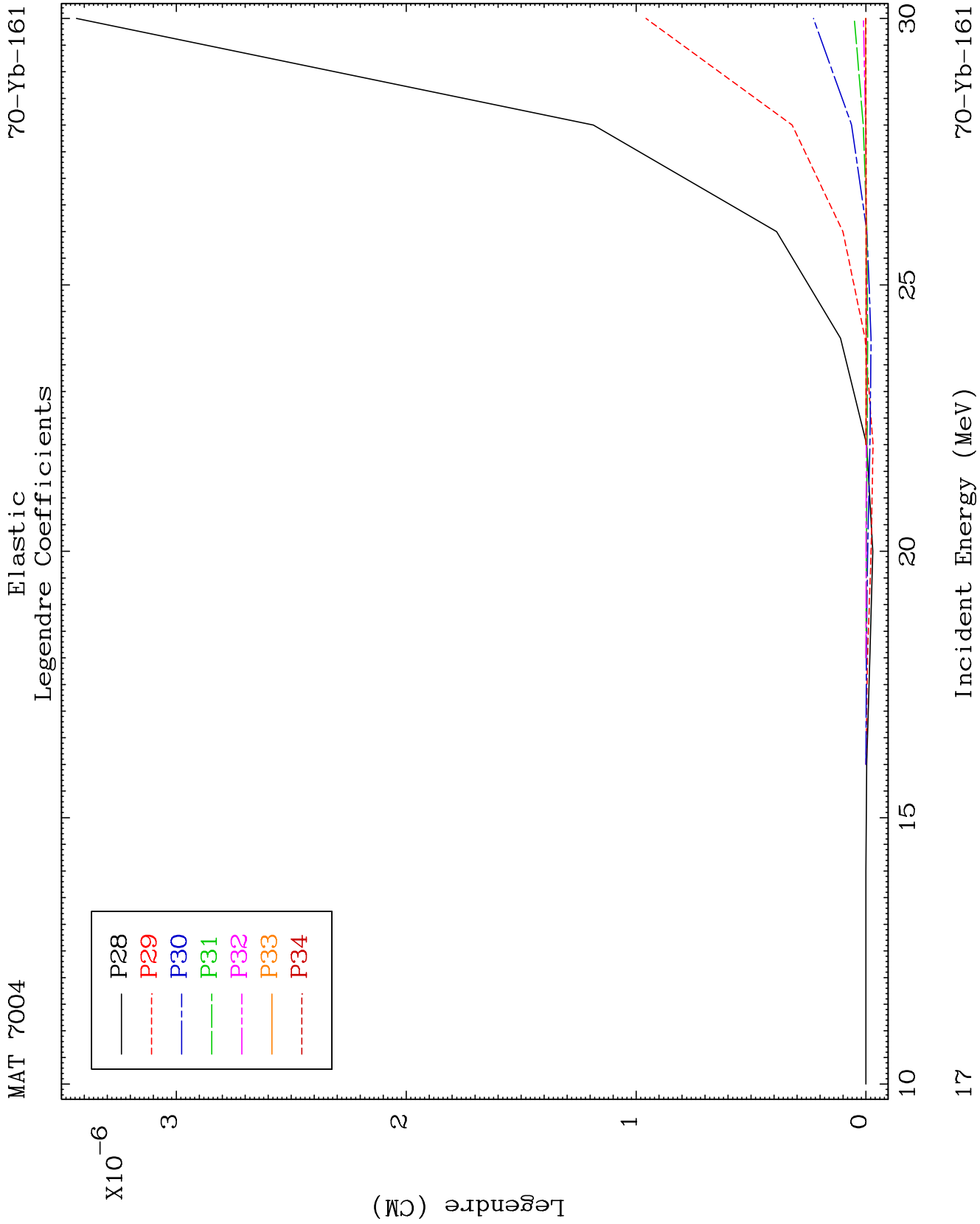


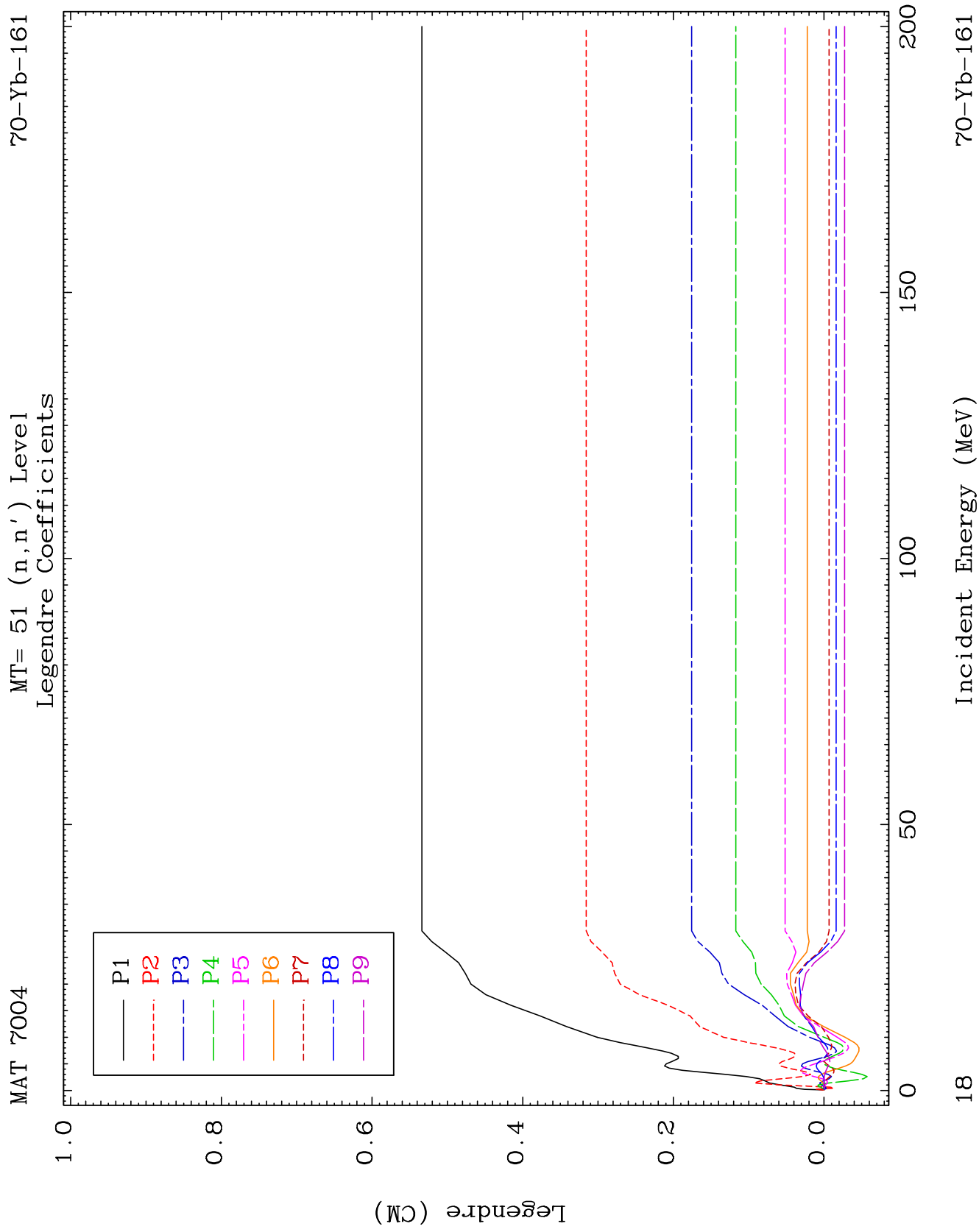








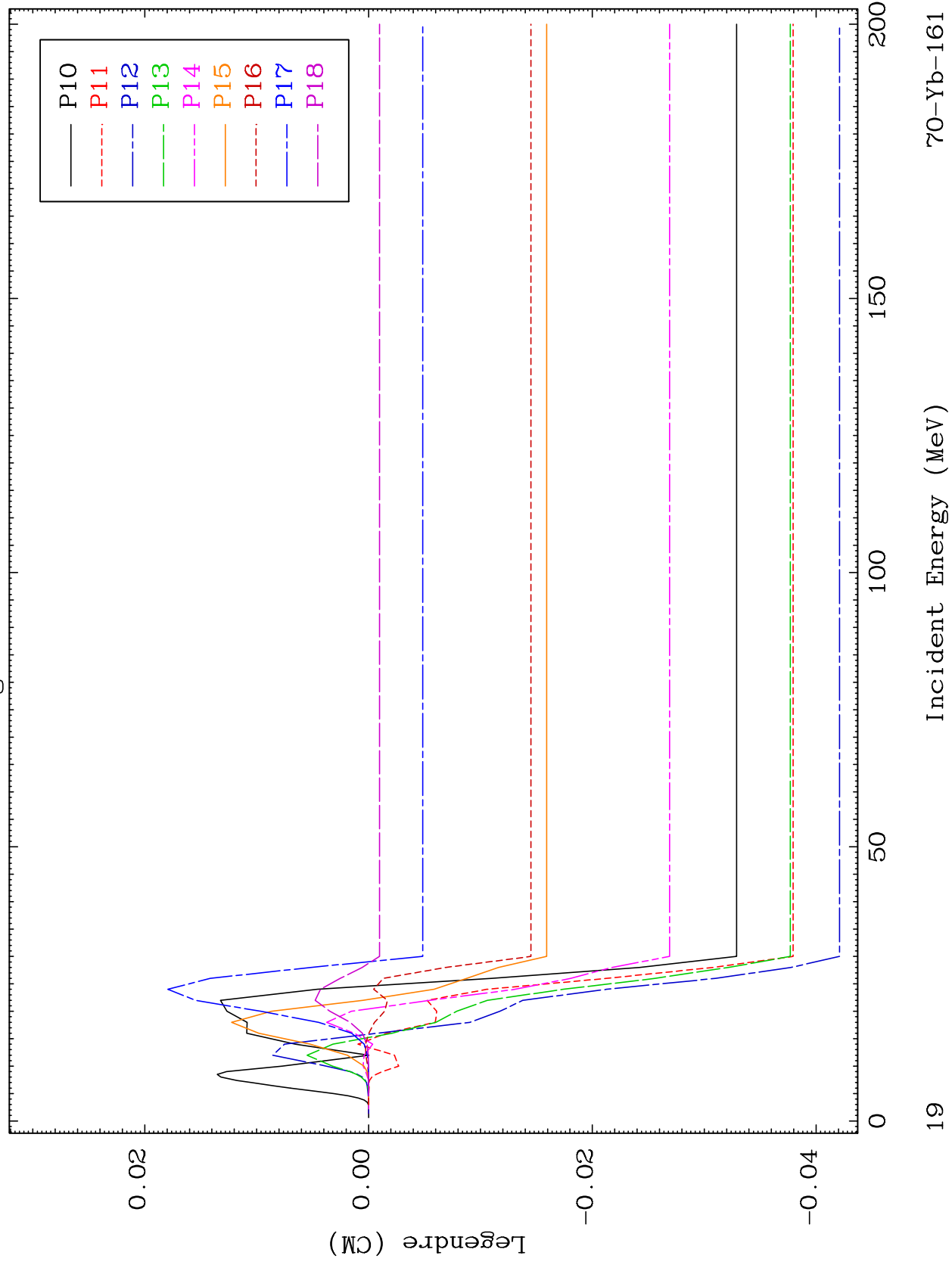


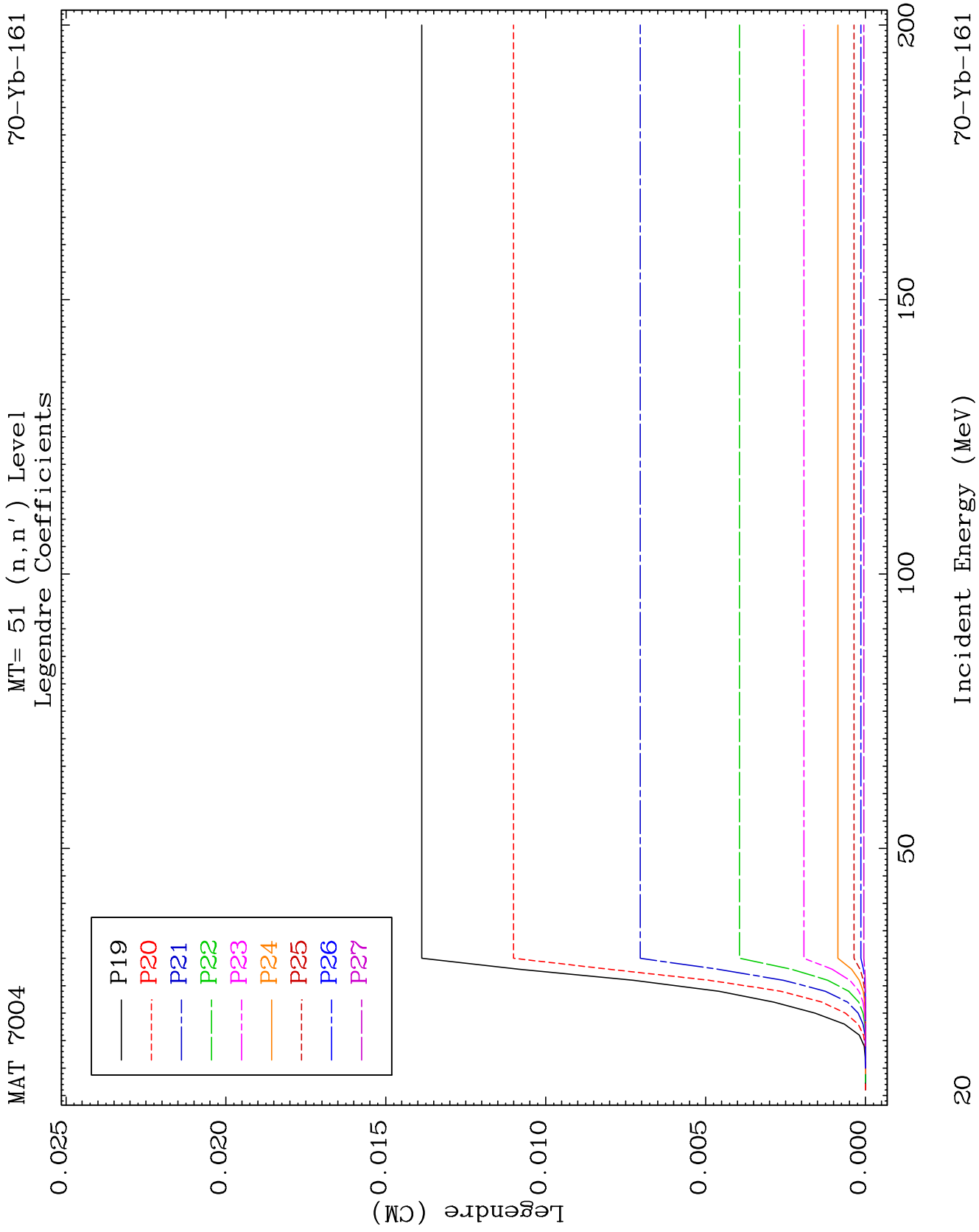


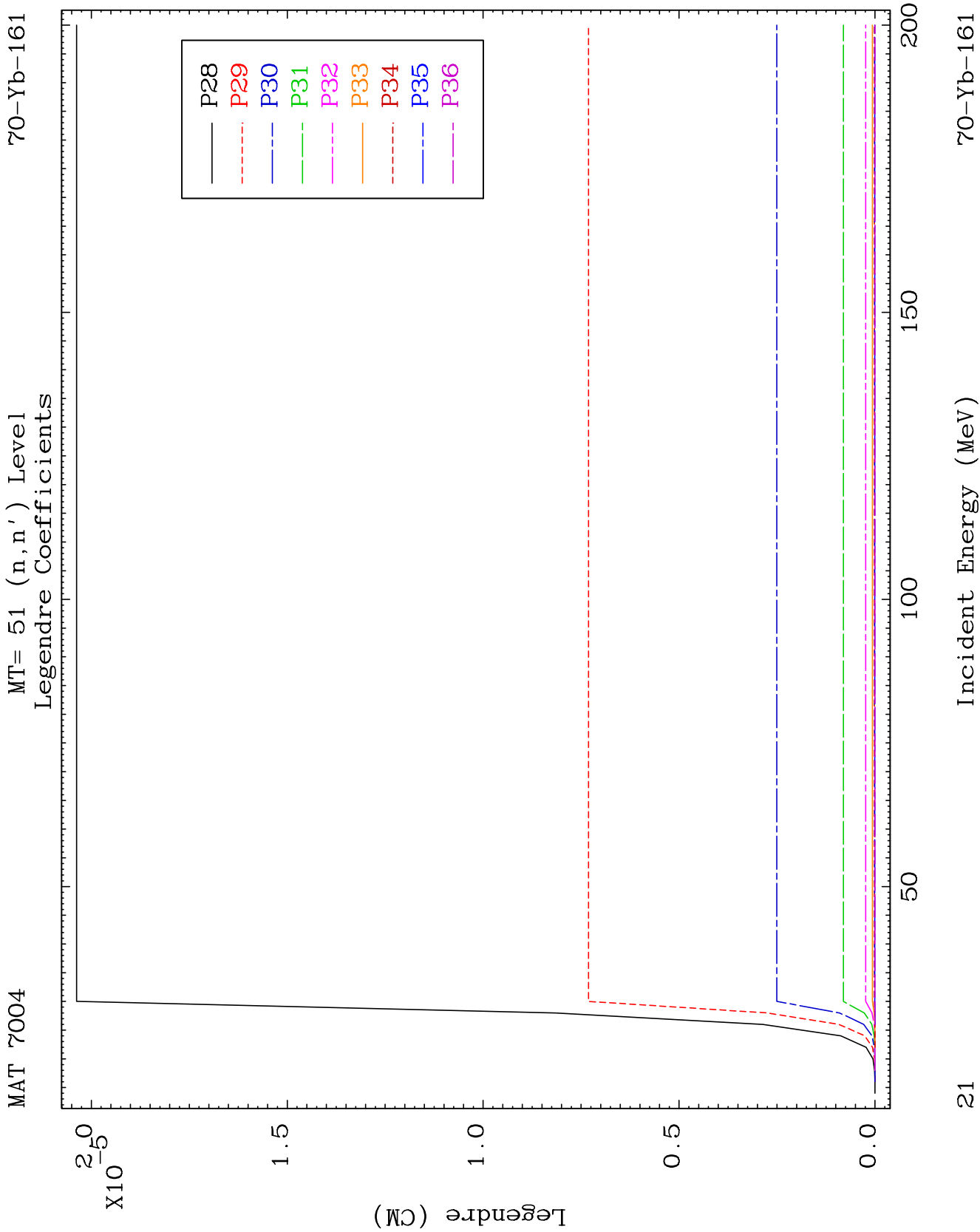
MAT 7004

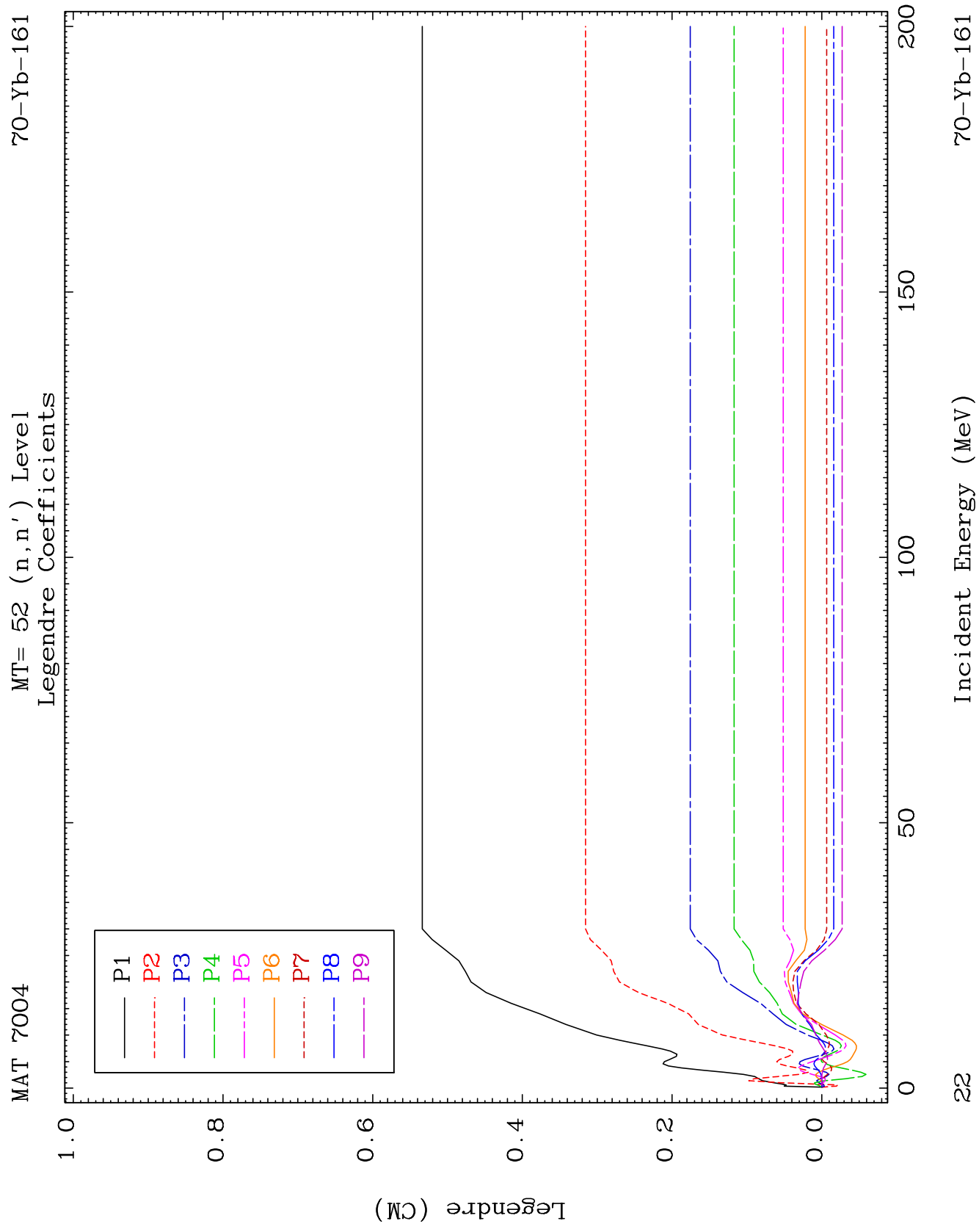
MT= 51 (n, n') Level  
Legendre Coefficients

70-Yb-161





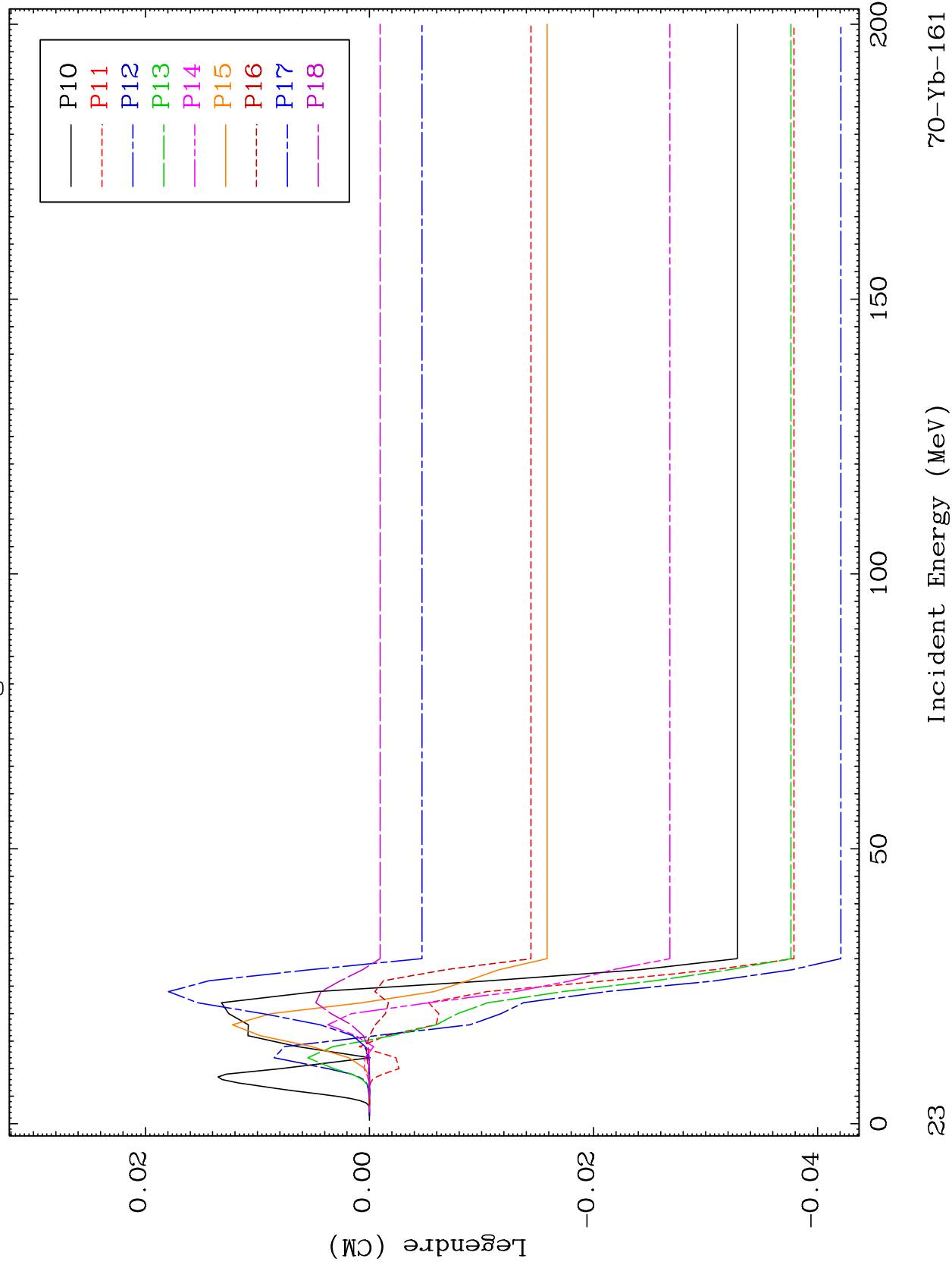




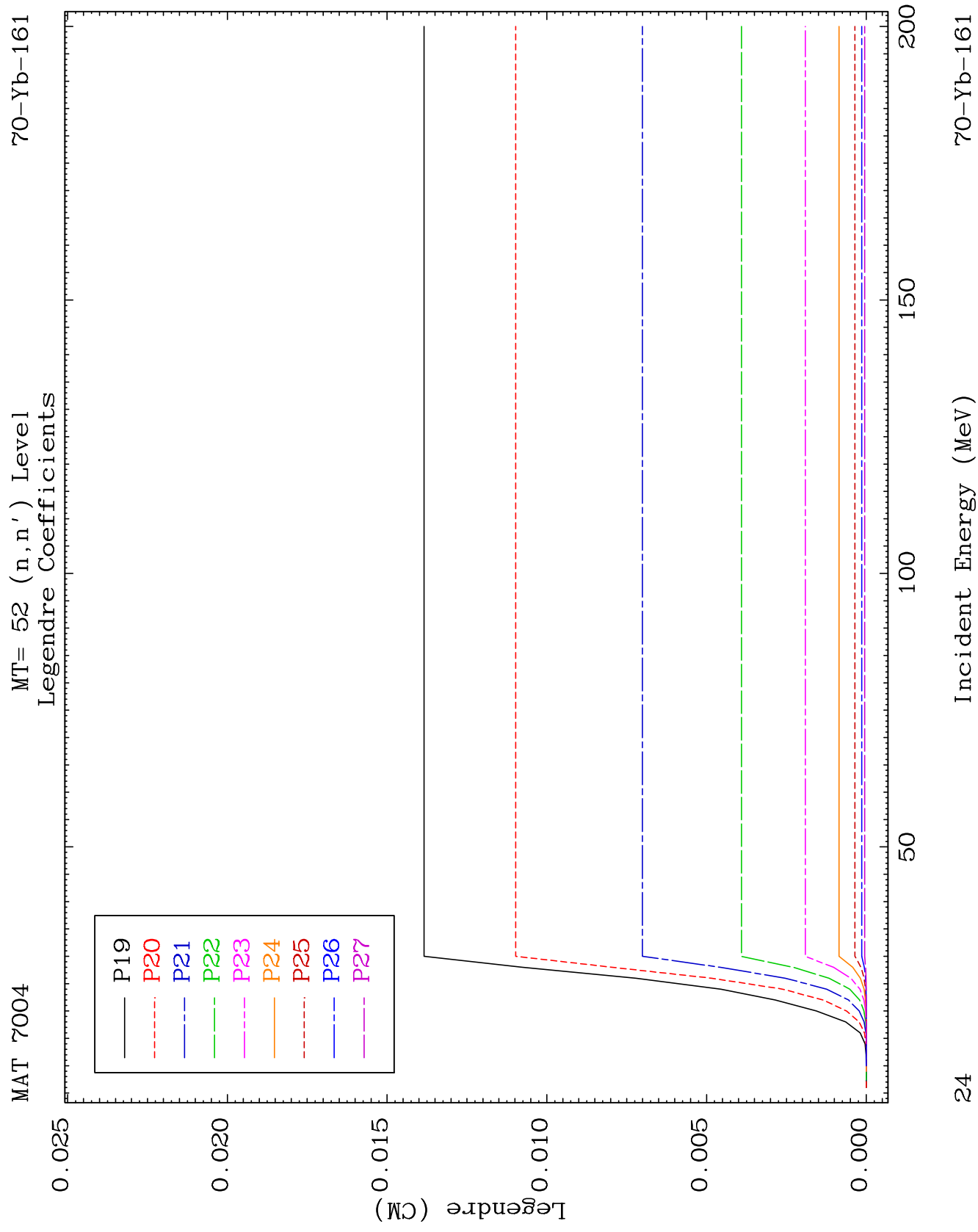
MAT 7004

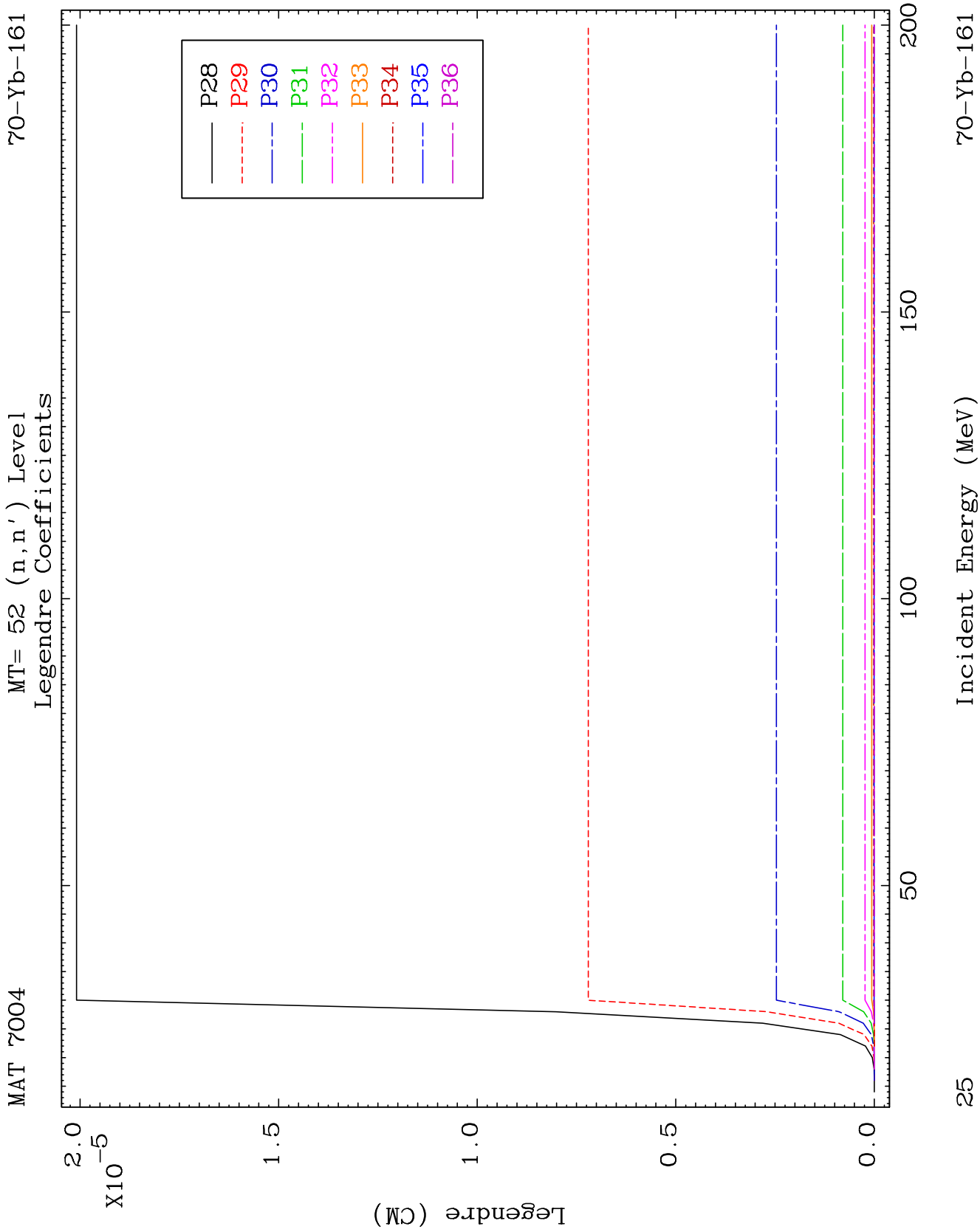
MT= 52 (n, n') Level  
Legendre Coefficients

70-Yb-161





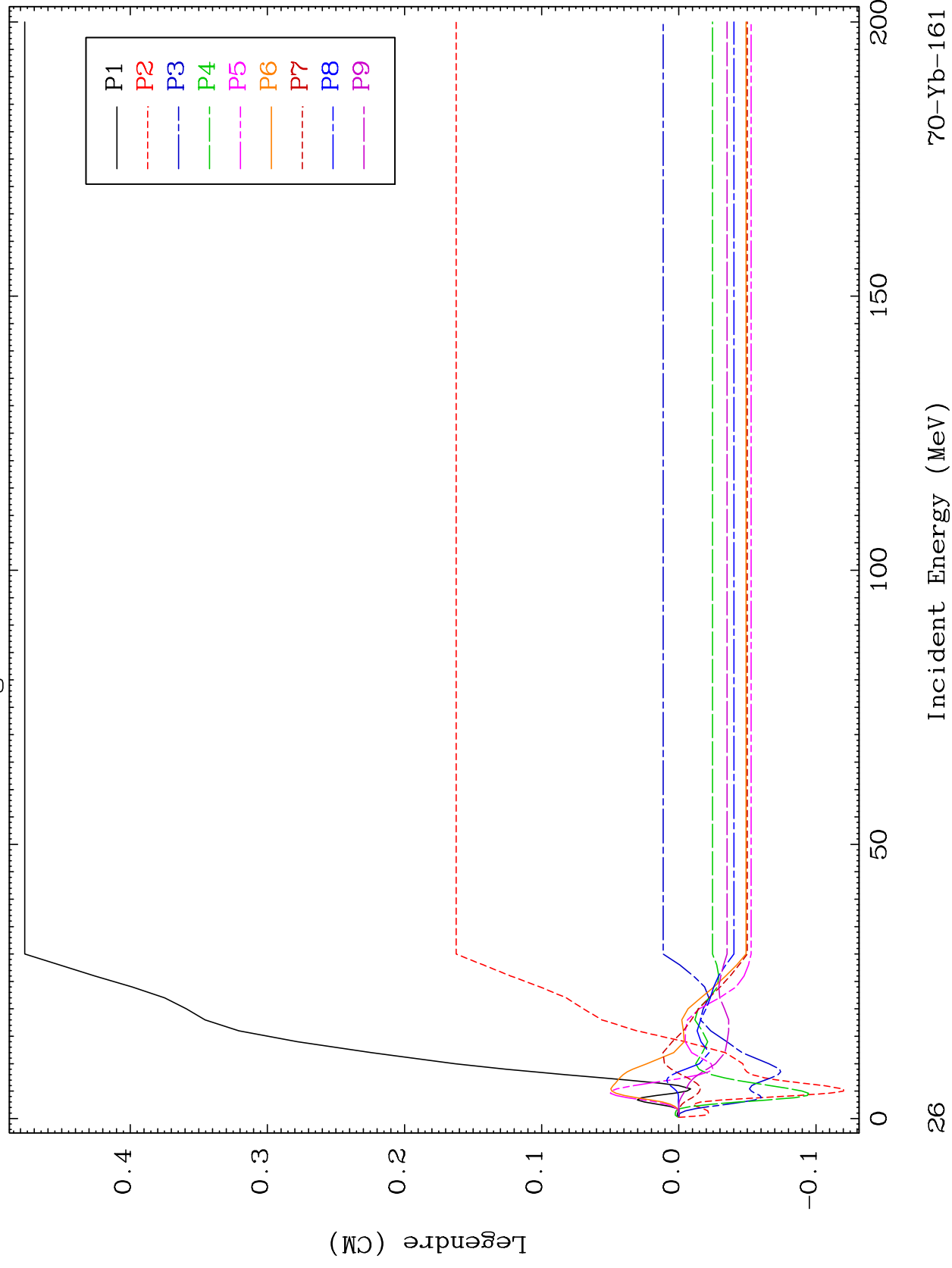




MAT 7004

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

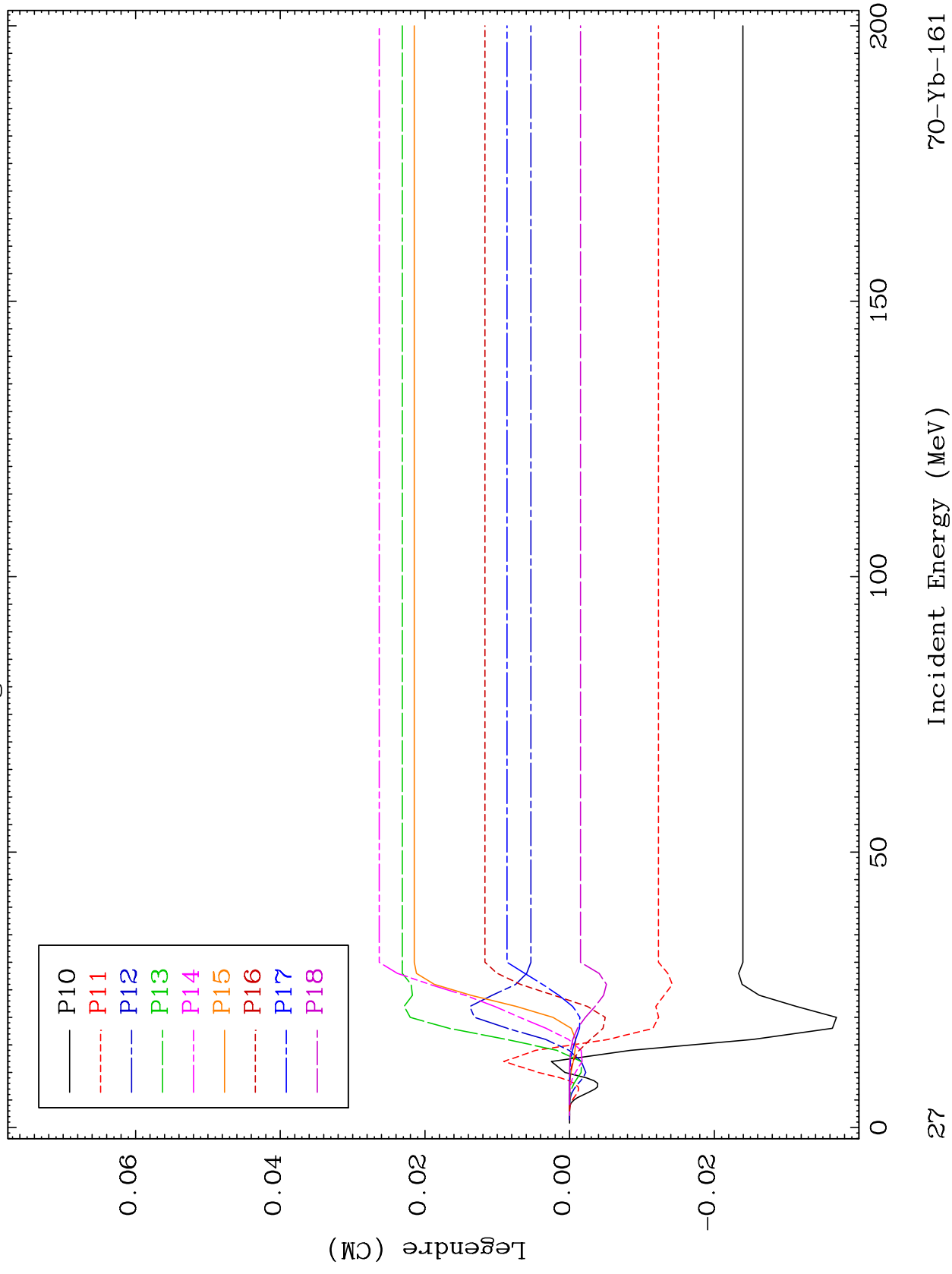
70-Yb-161

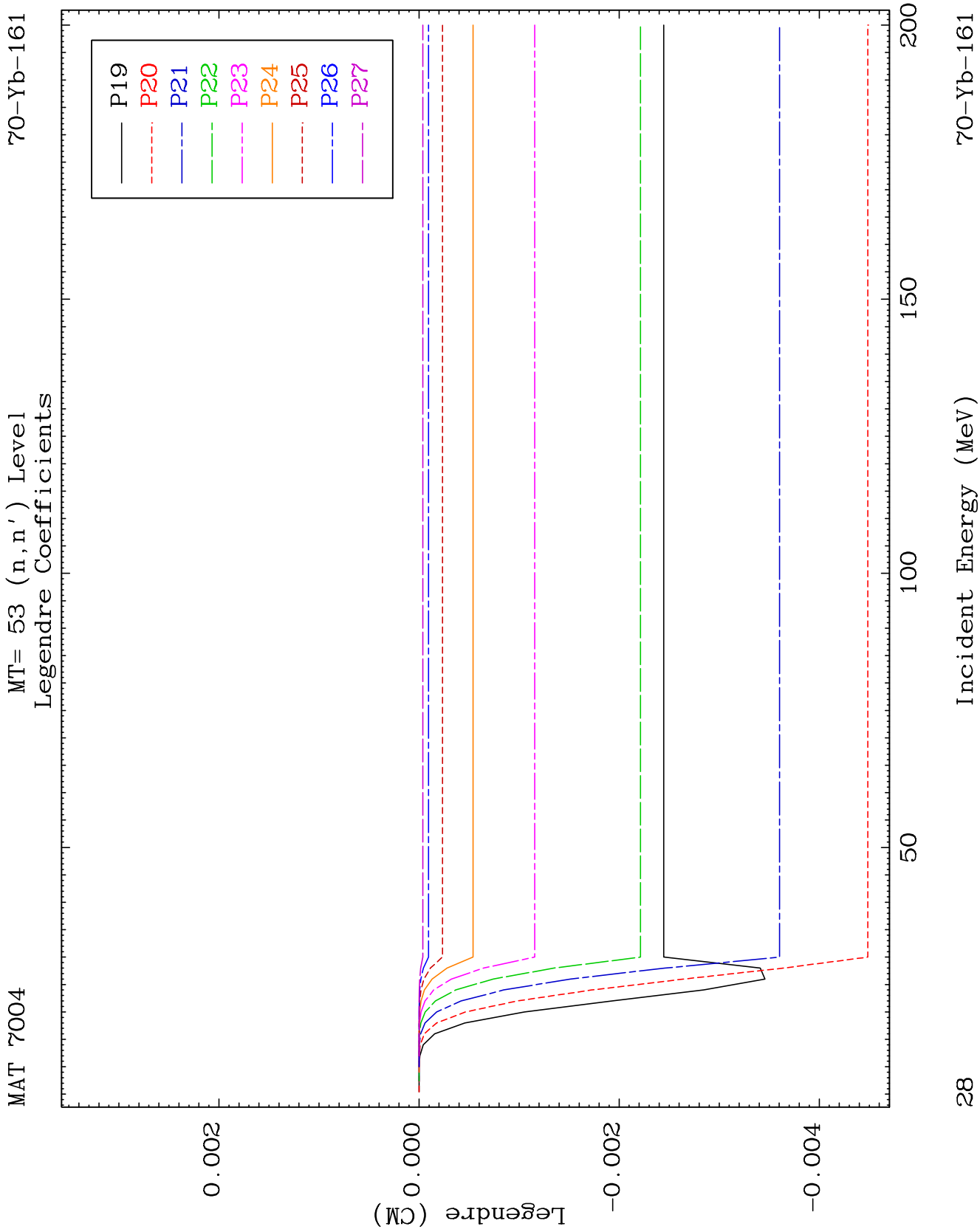


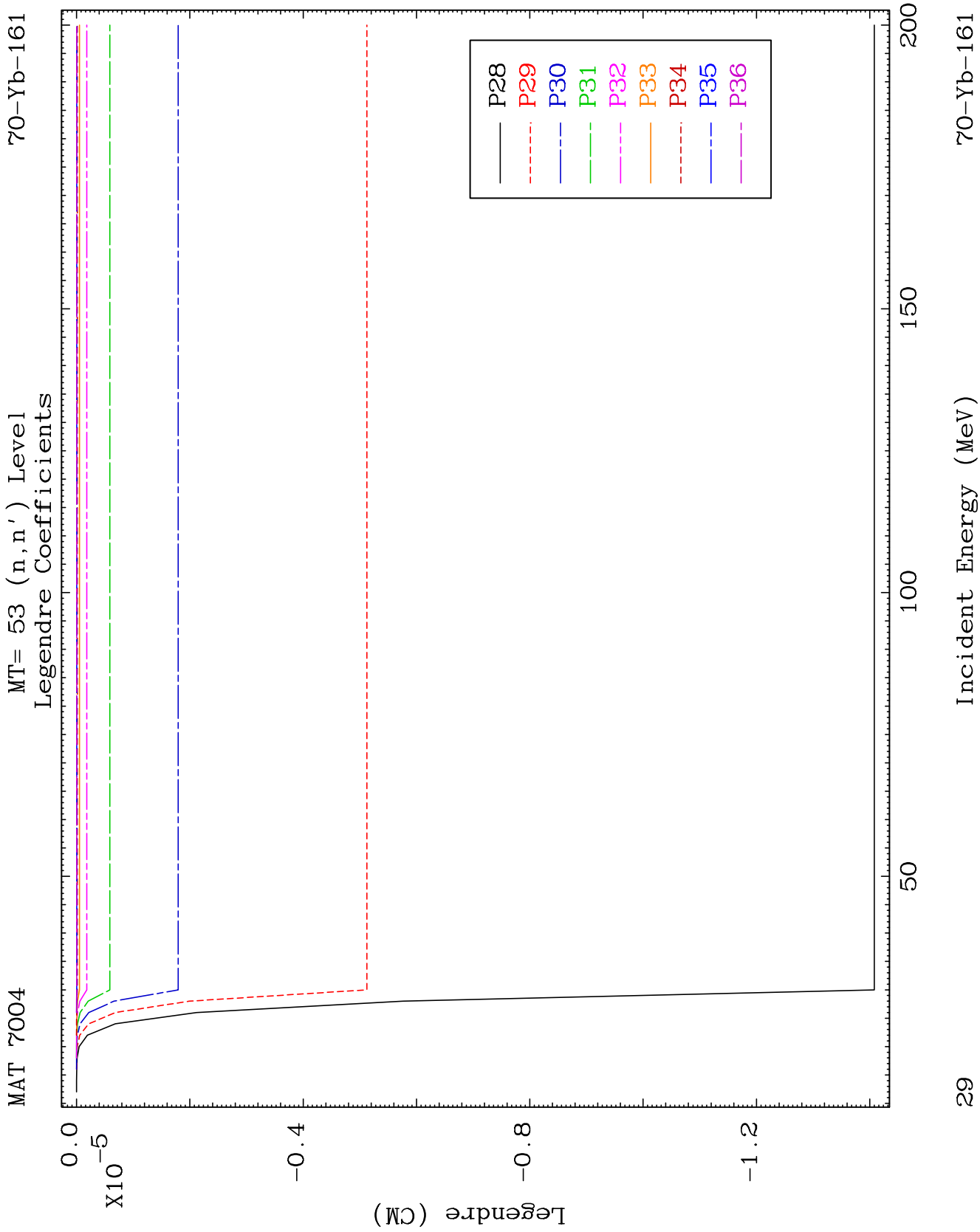
MAT 7004

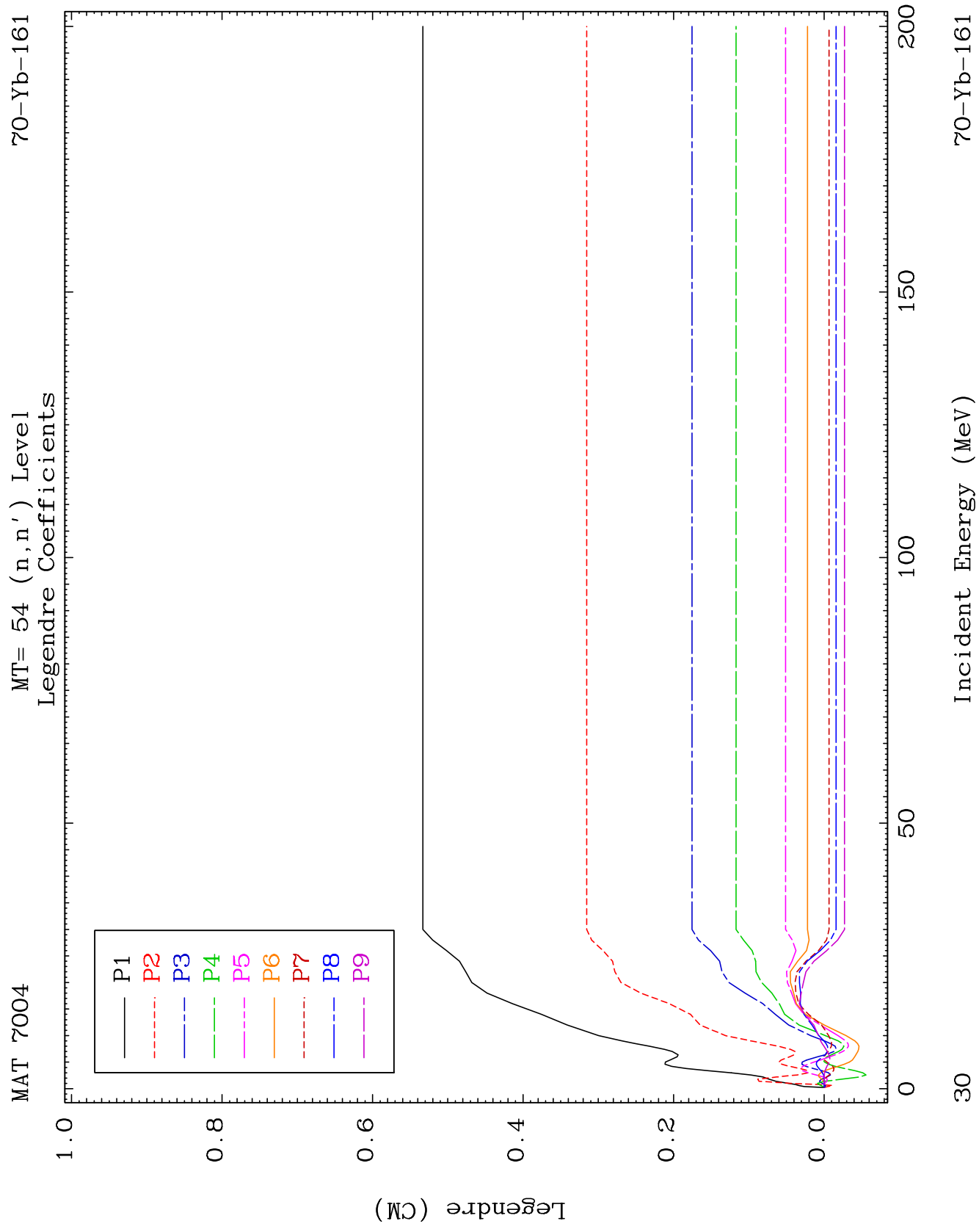
MT= 53 (n, n') Level  
Legendre Coefficients

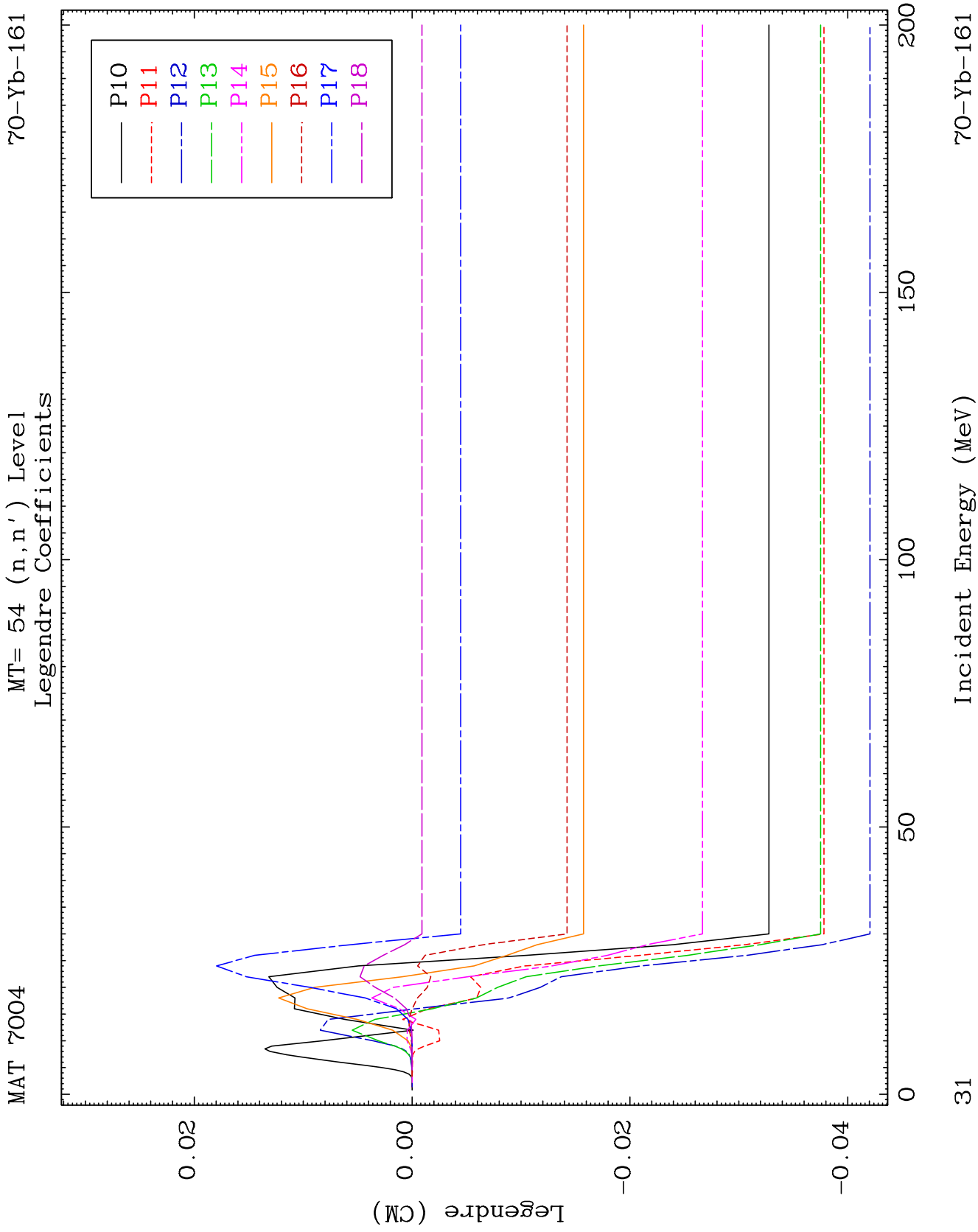
70-Yb-161



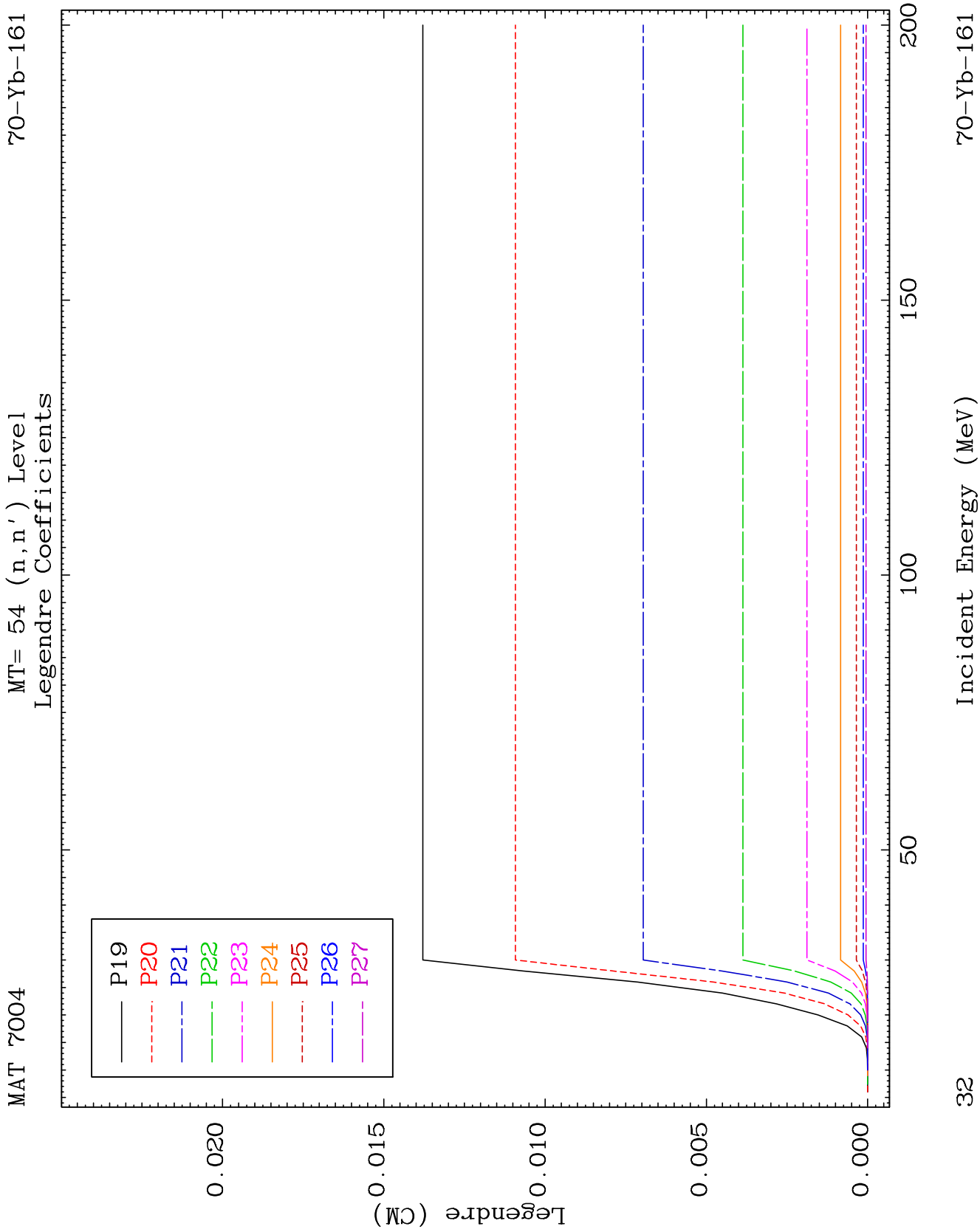


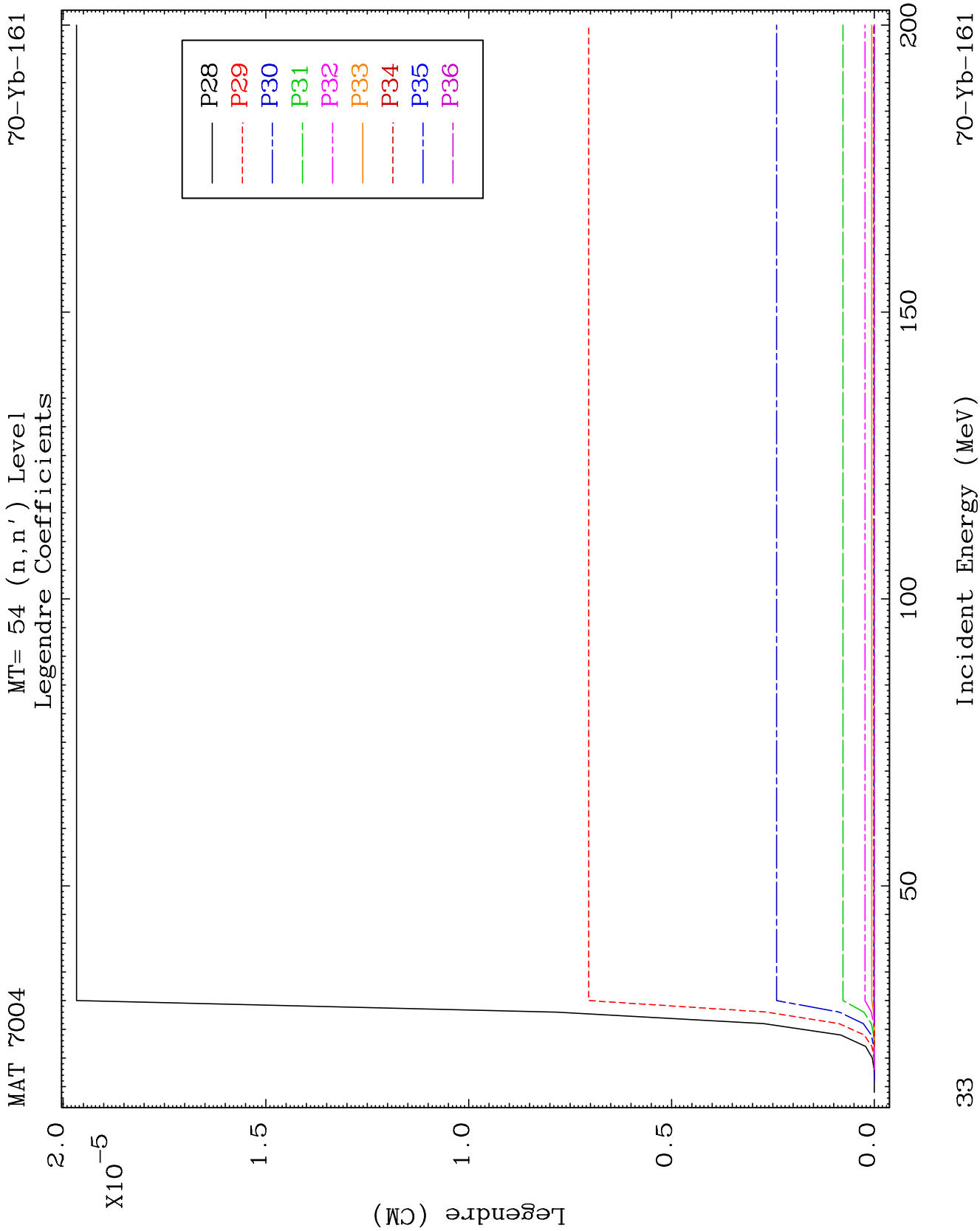








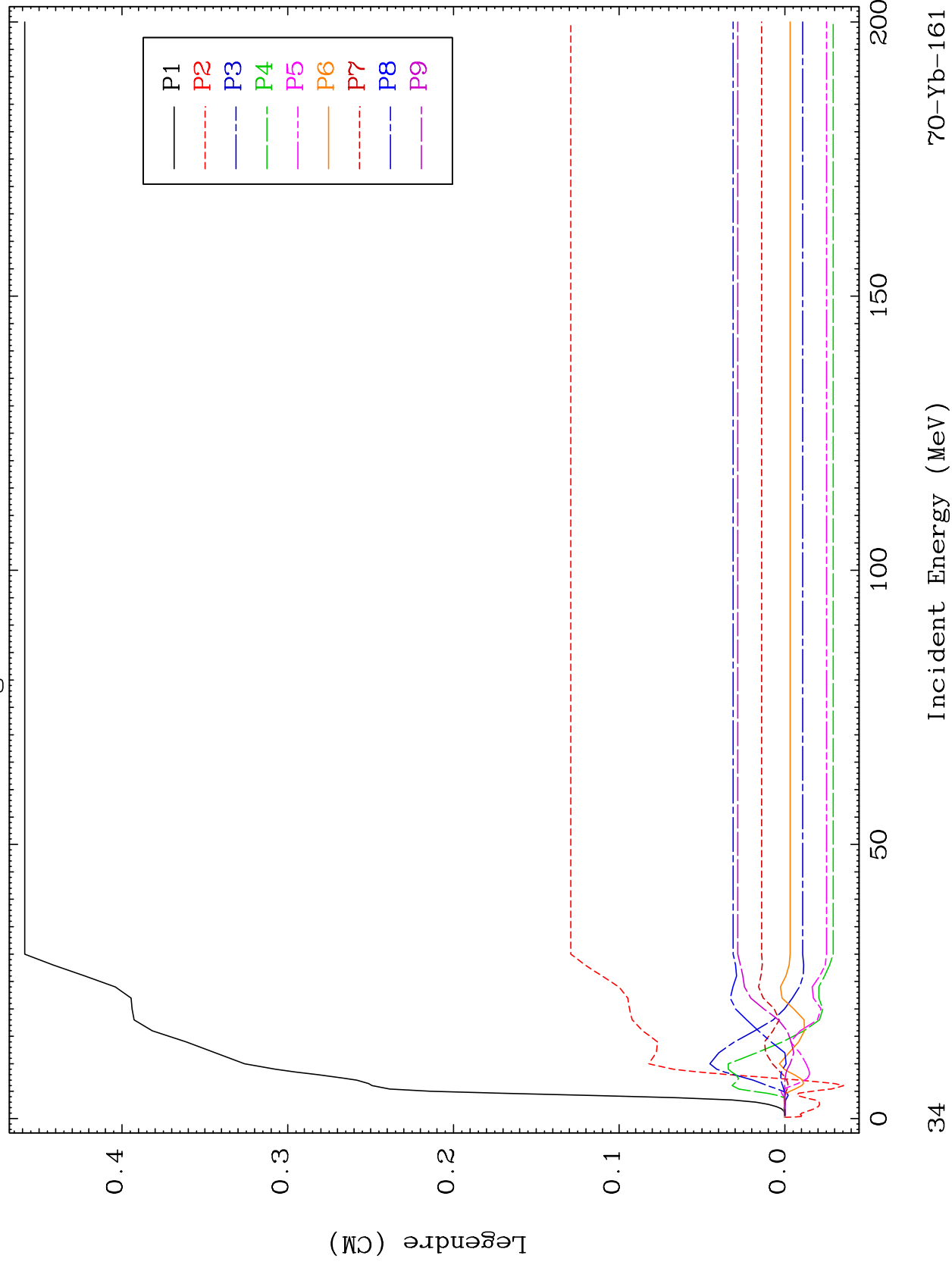




MAT 7004

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

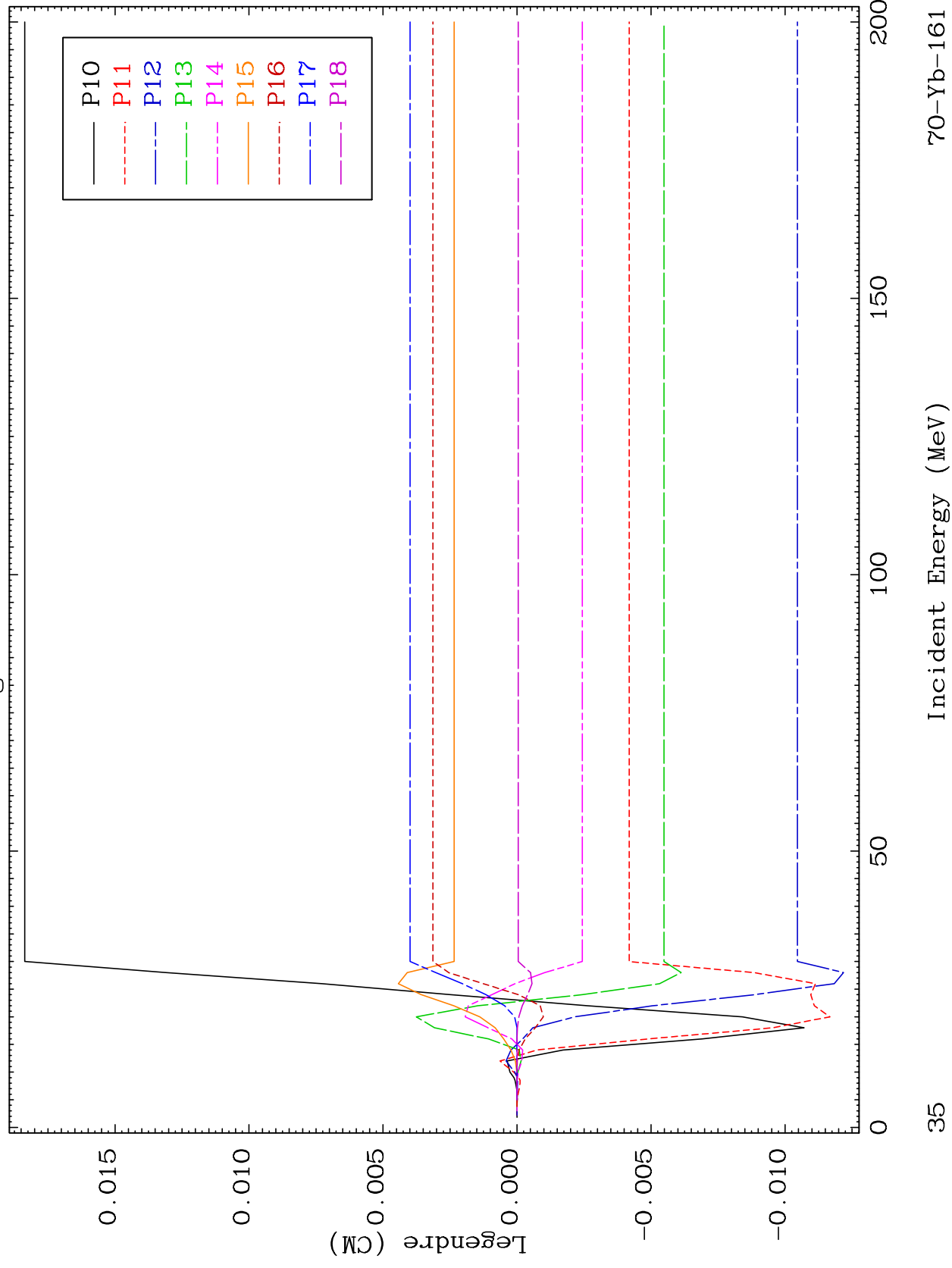
70-Yb-161

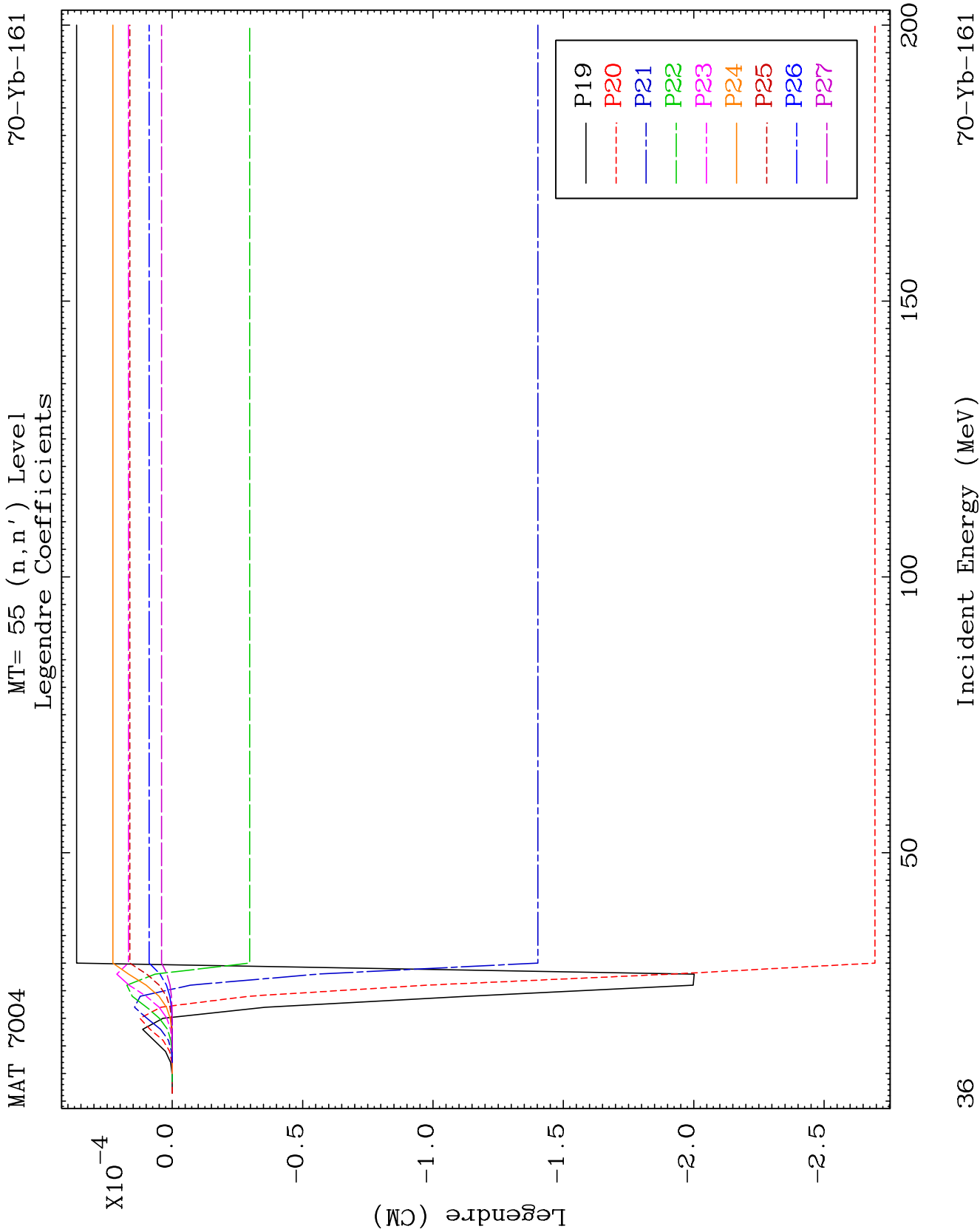


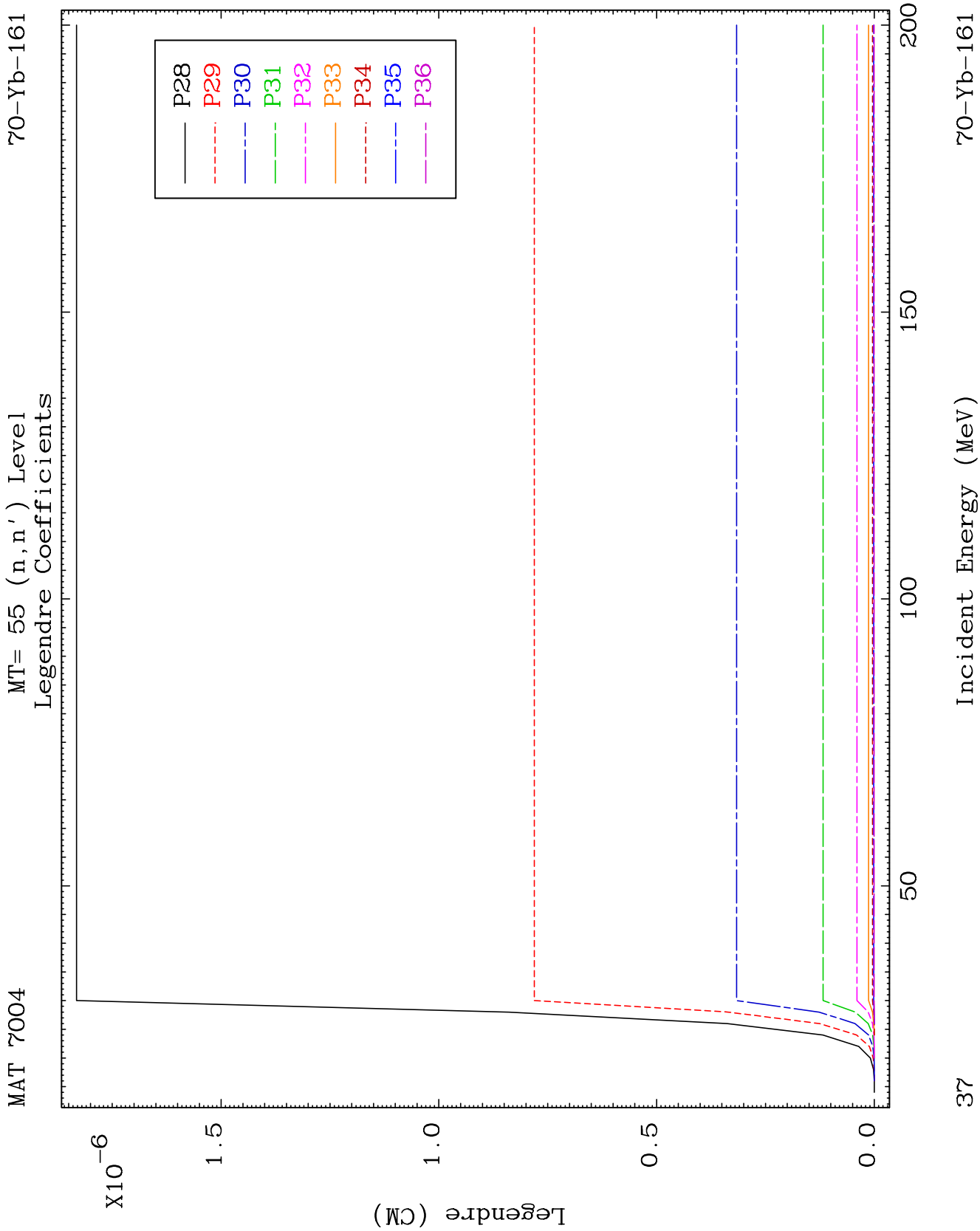
MAT 7004

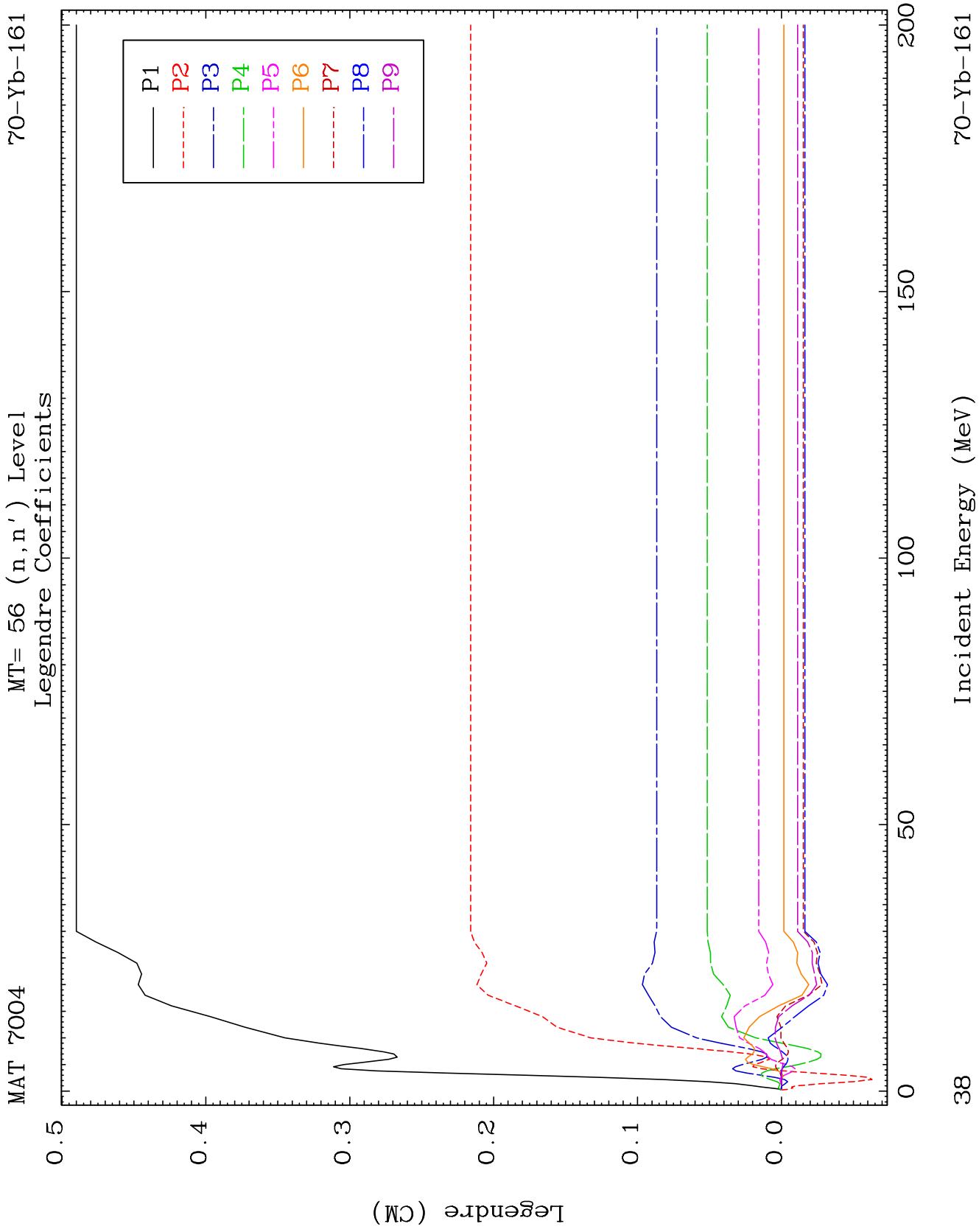
MT= 55 (n, n') Level  
Legendre Coefficients

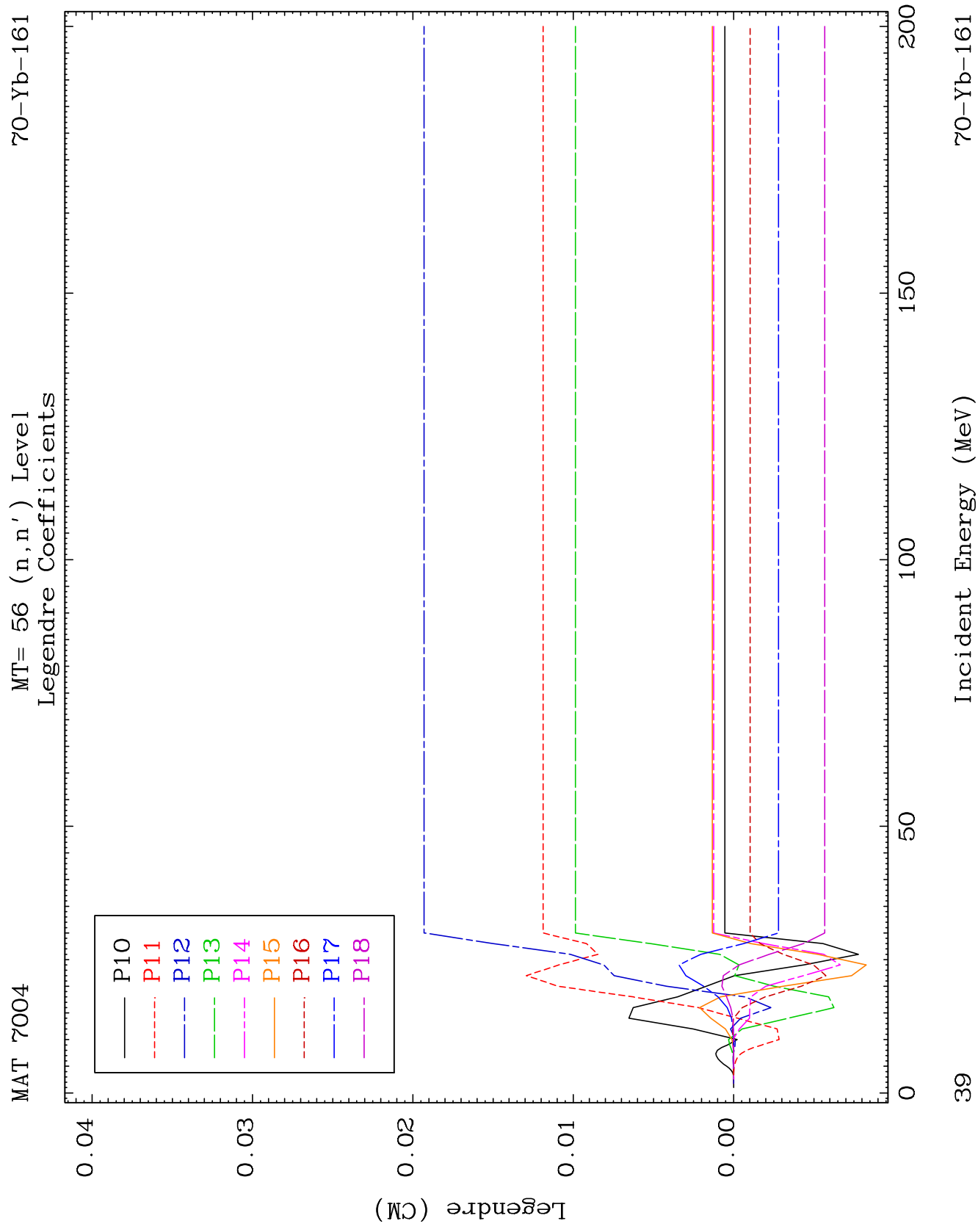
70-Yb-161



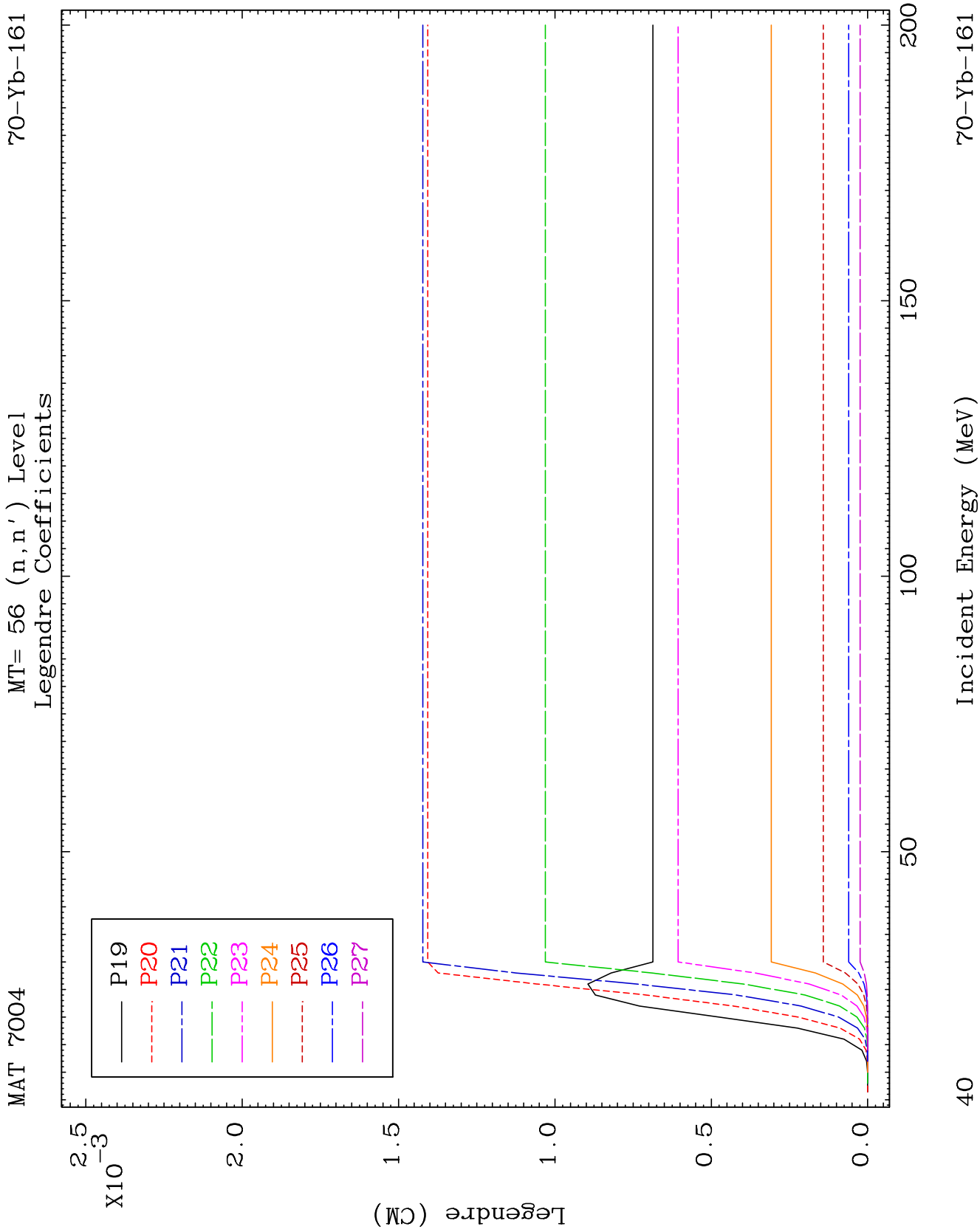








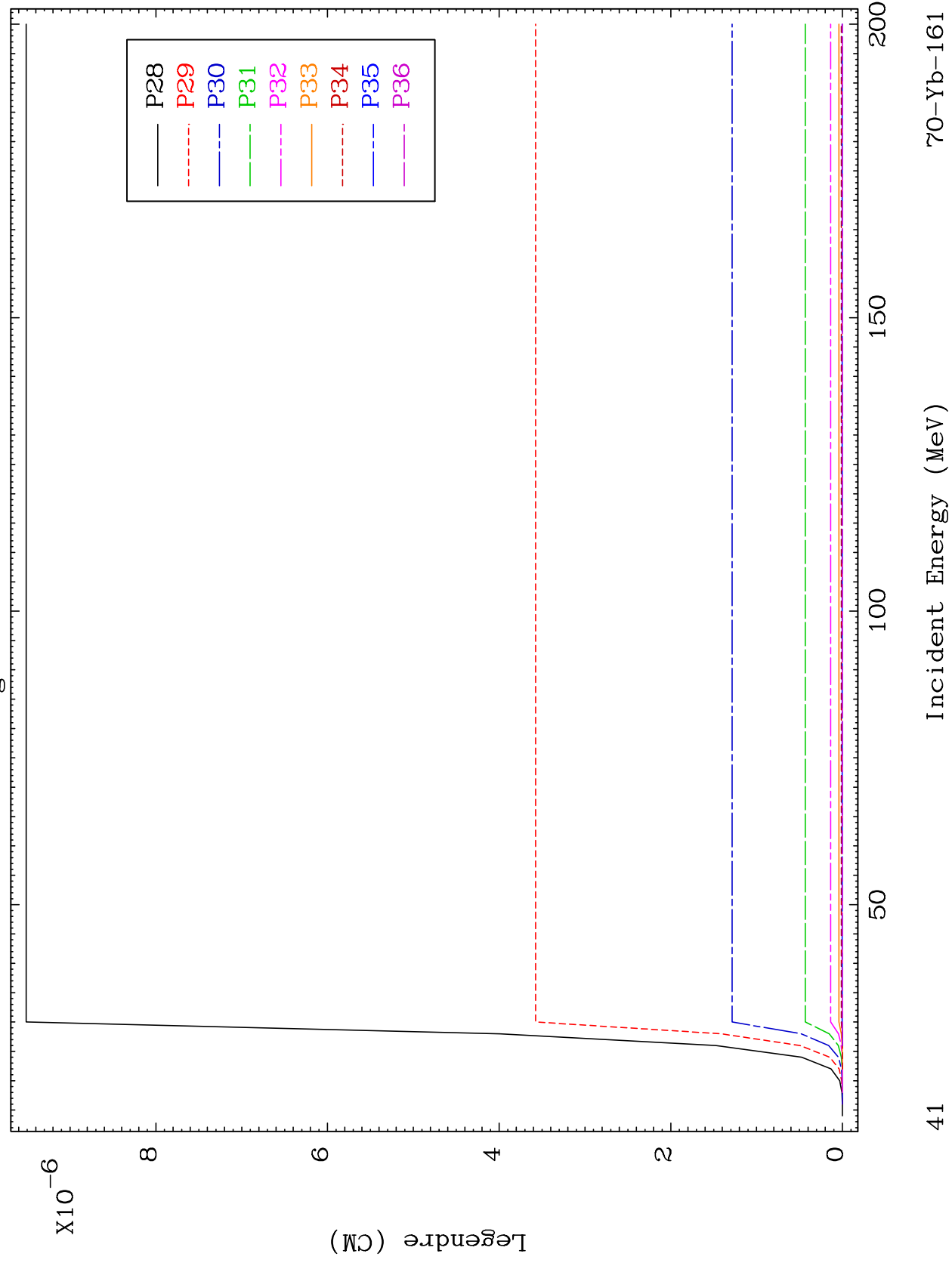


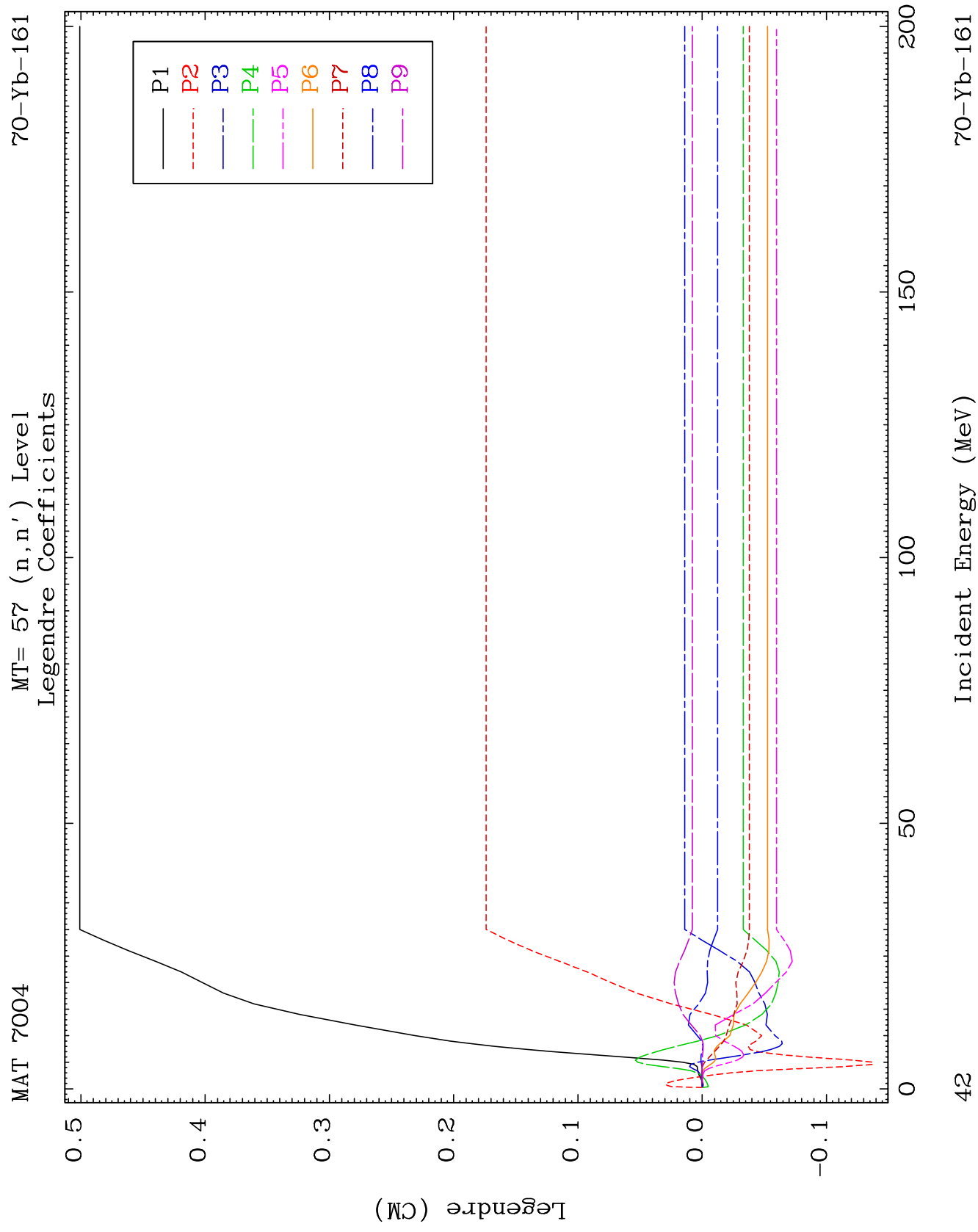


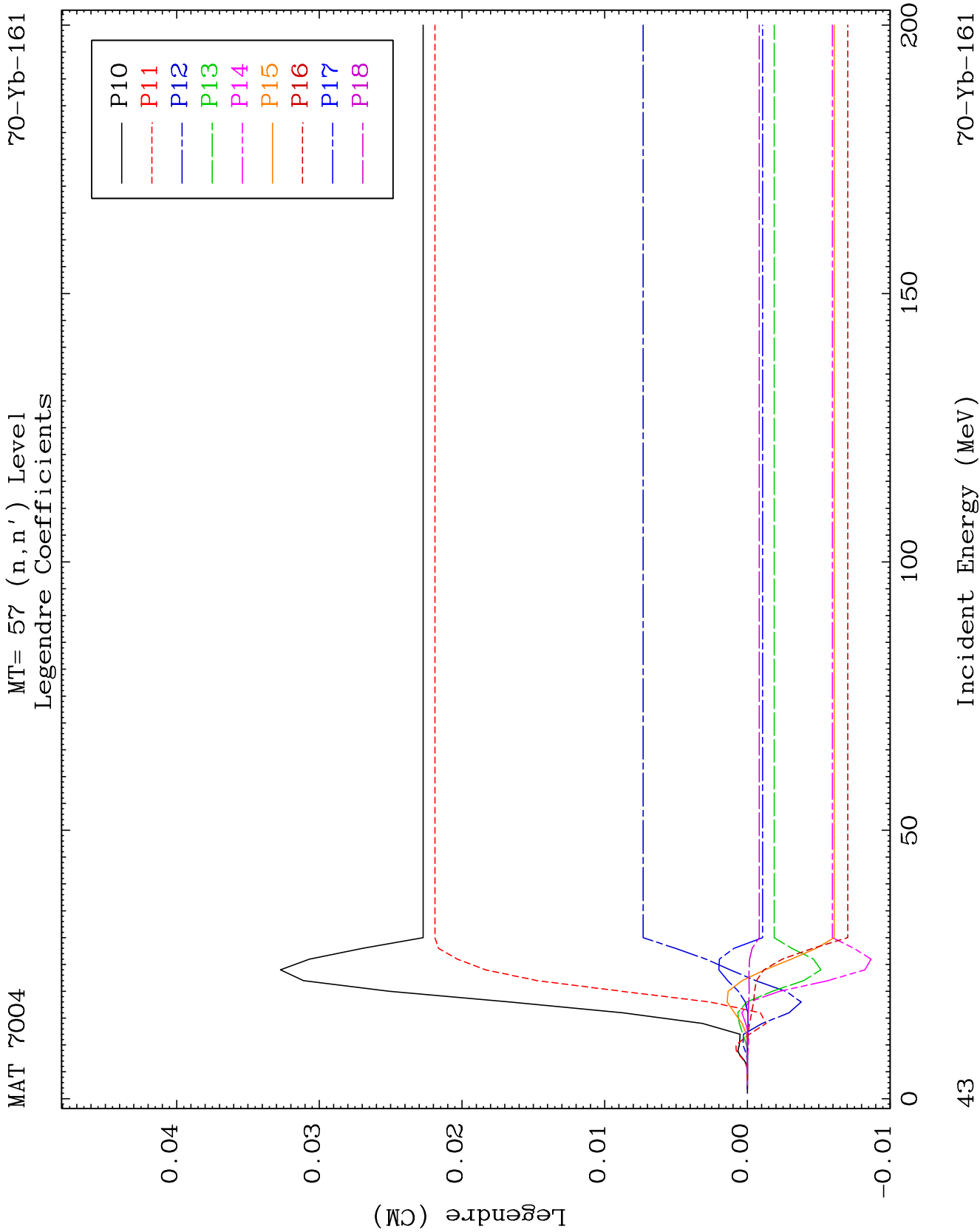
MAT 7004

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

70-Yb-161



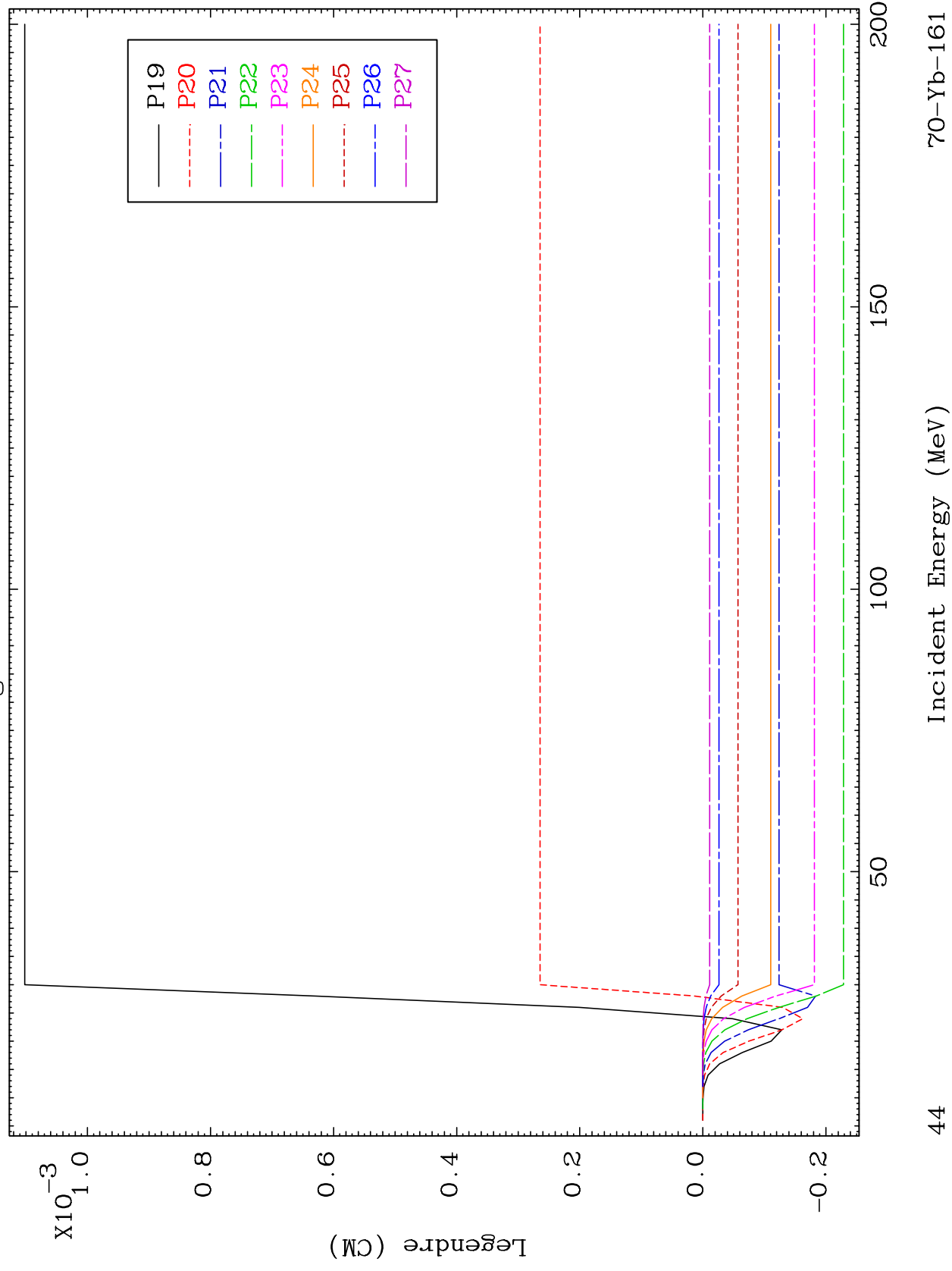


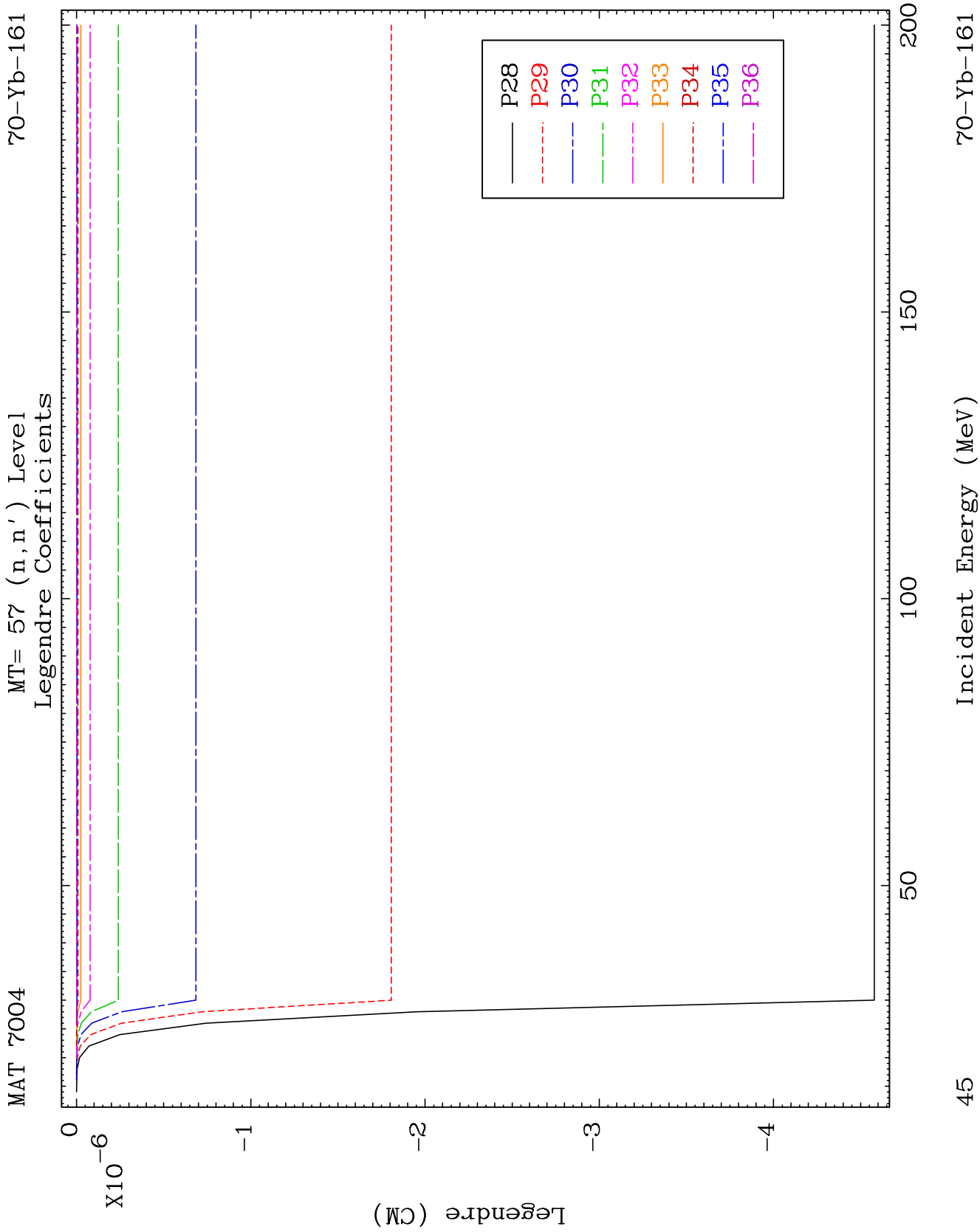


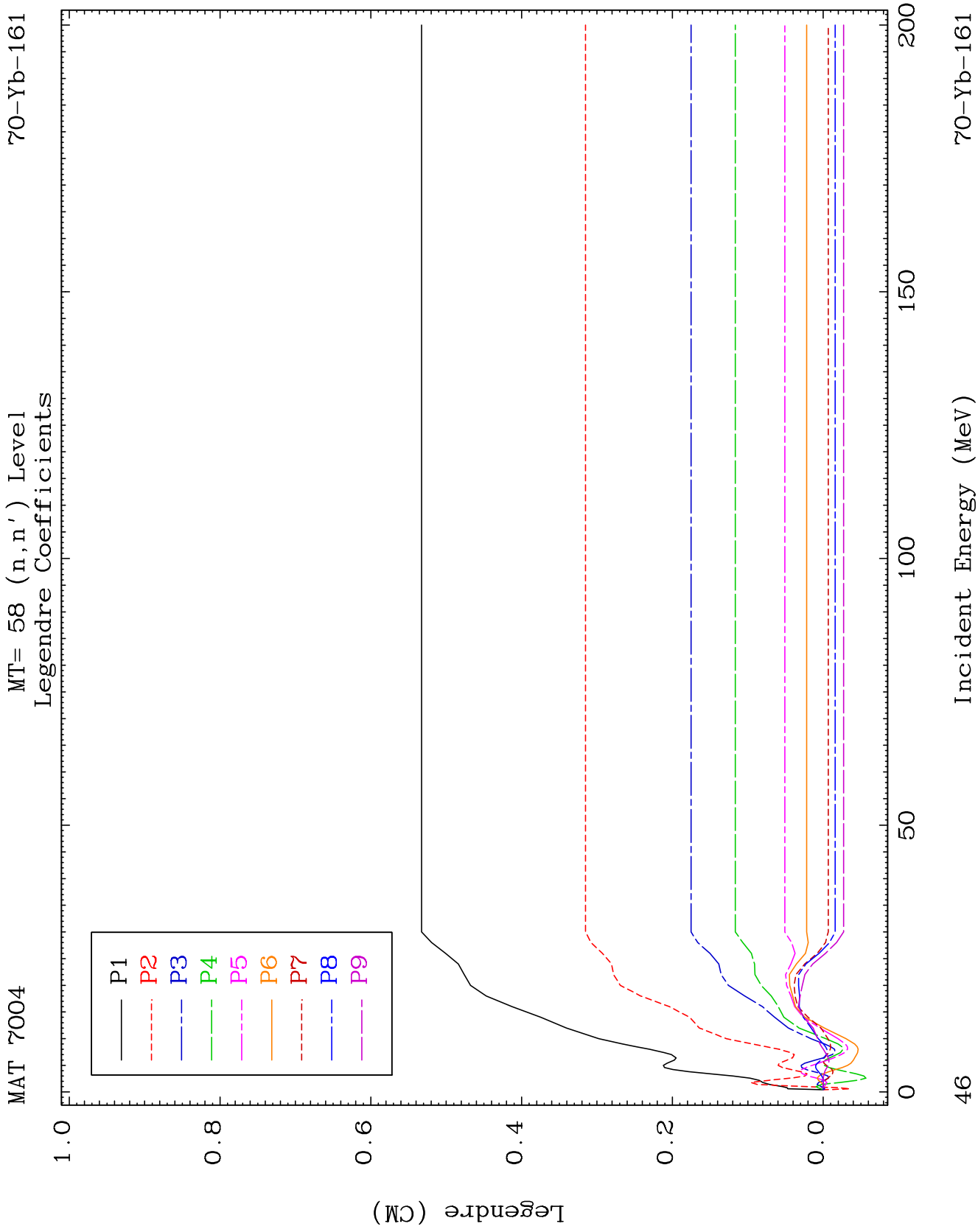
MAT 7004

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

70-Yb-161



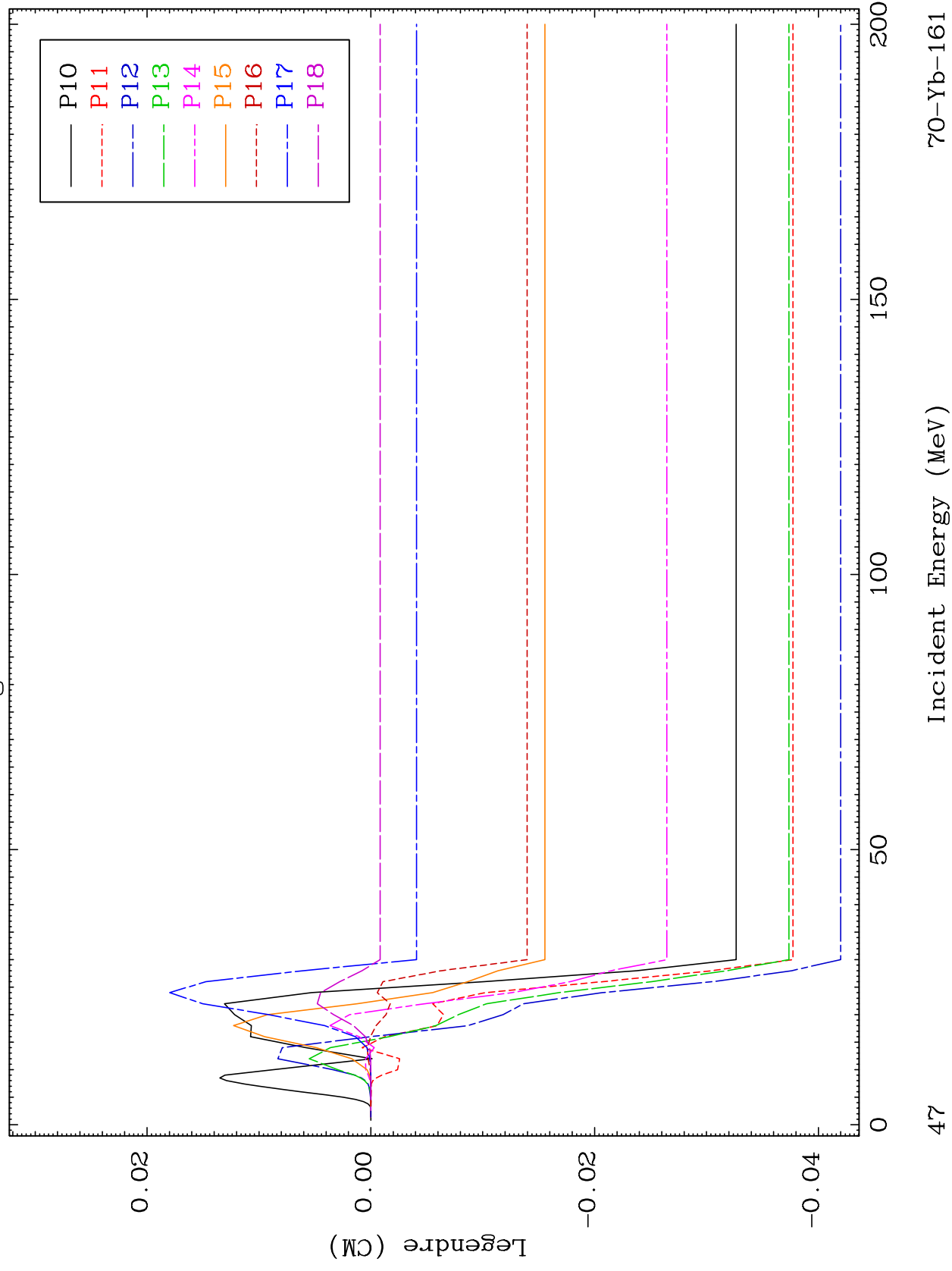




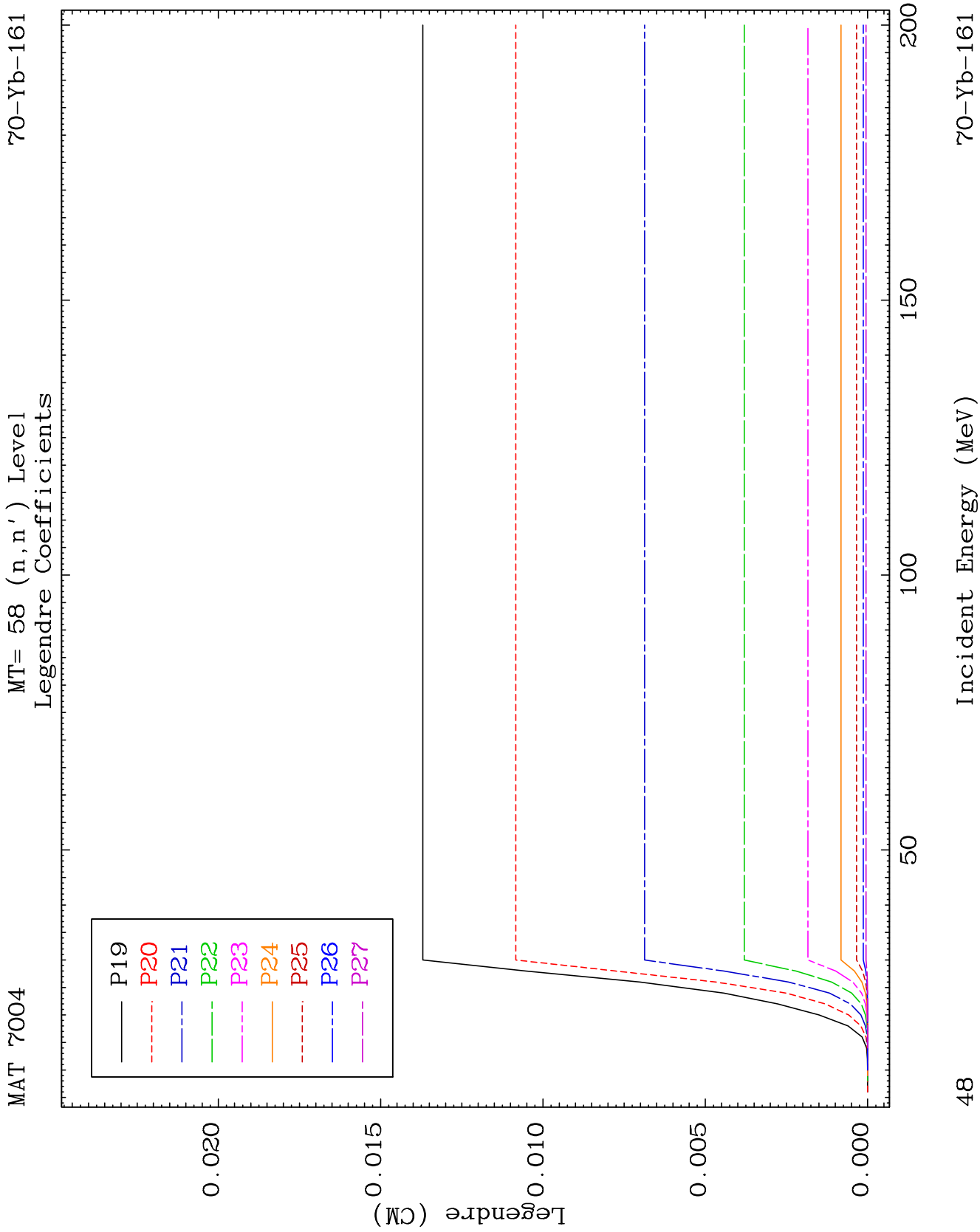
MAT 7004

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

70-Yb-161



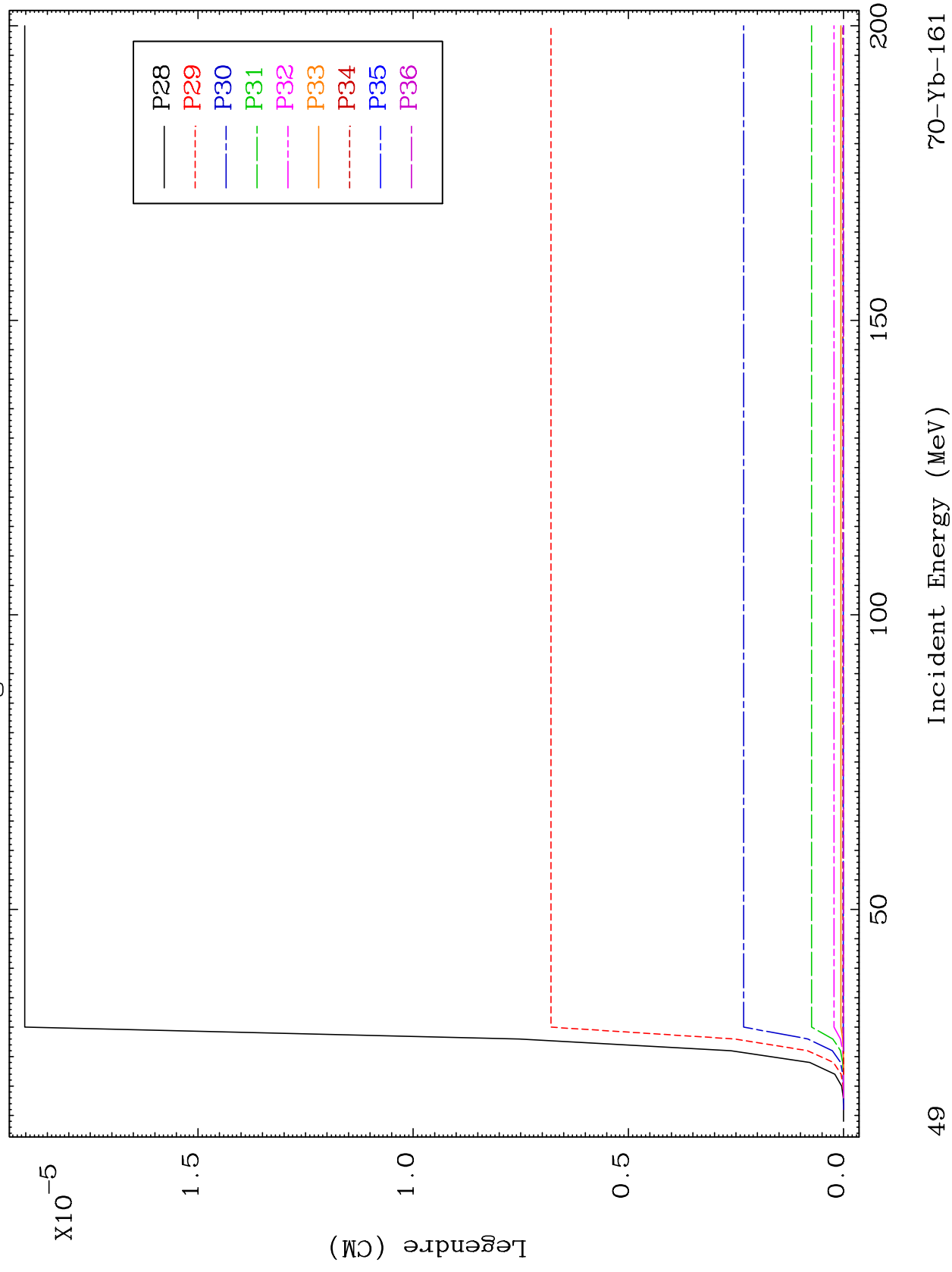


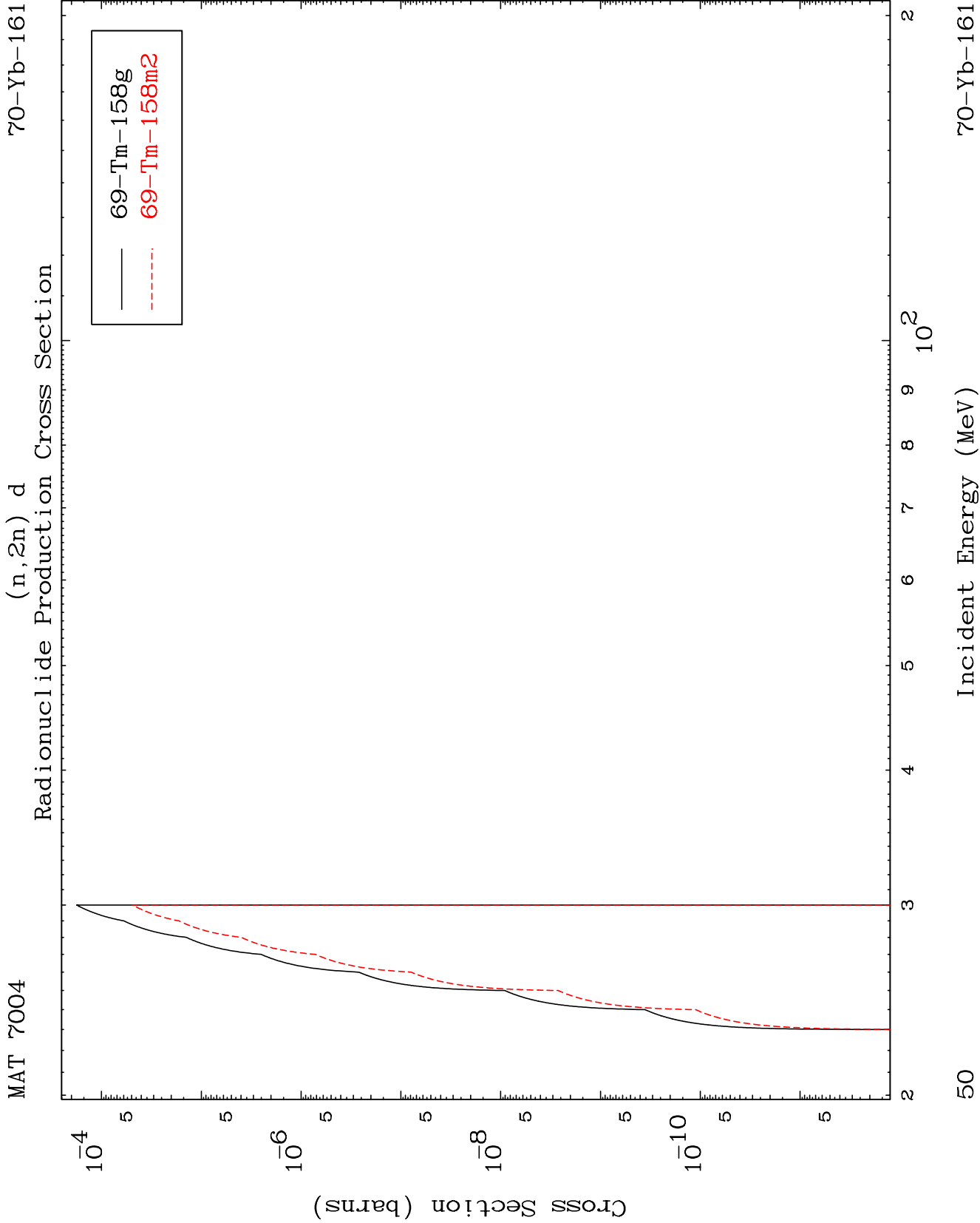


MAT 7004

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

70-Yb-161

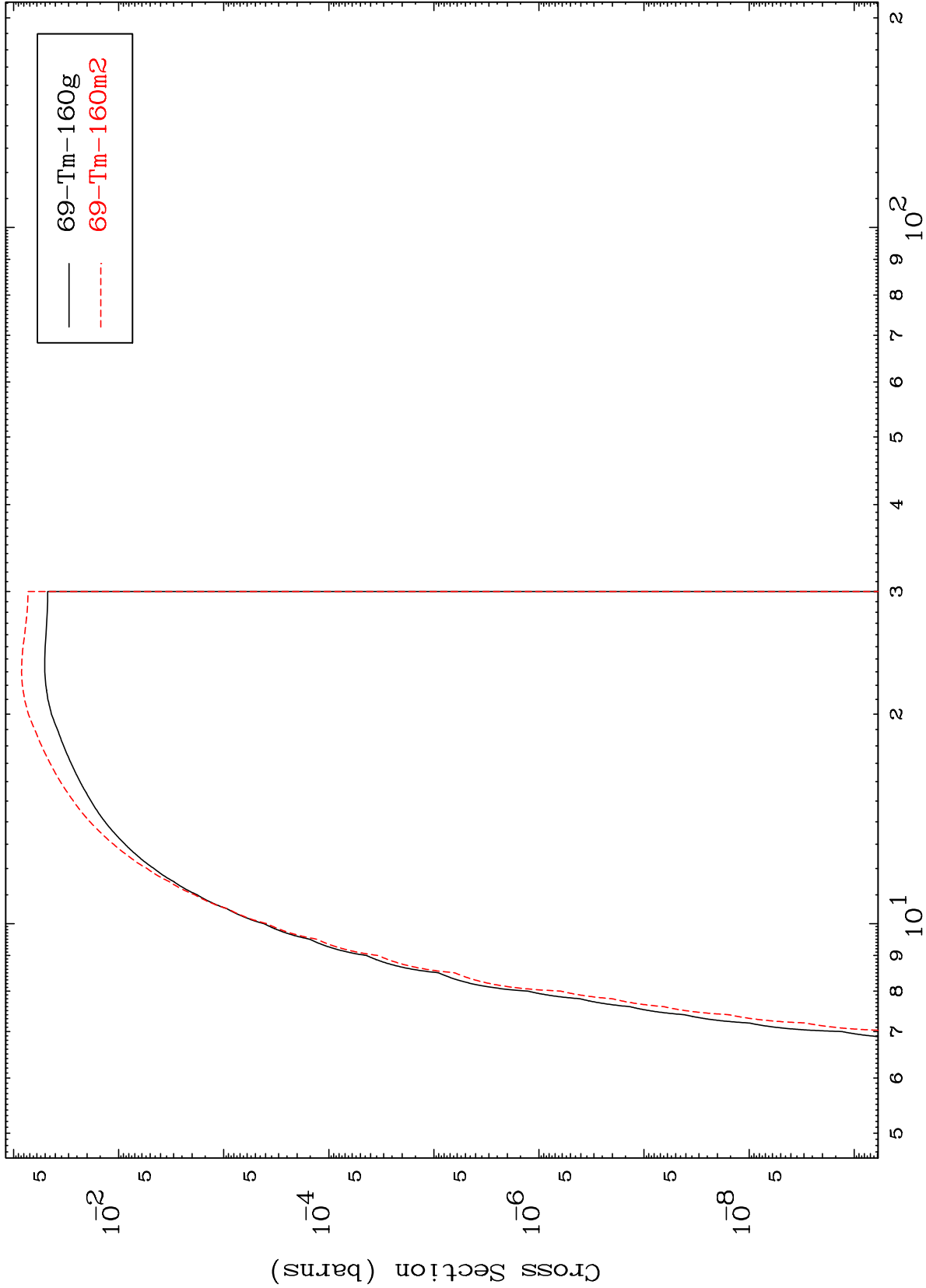




MAT 7004

70-Yb-161

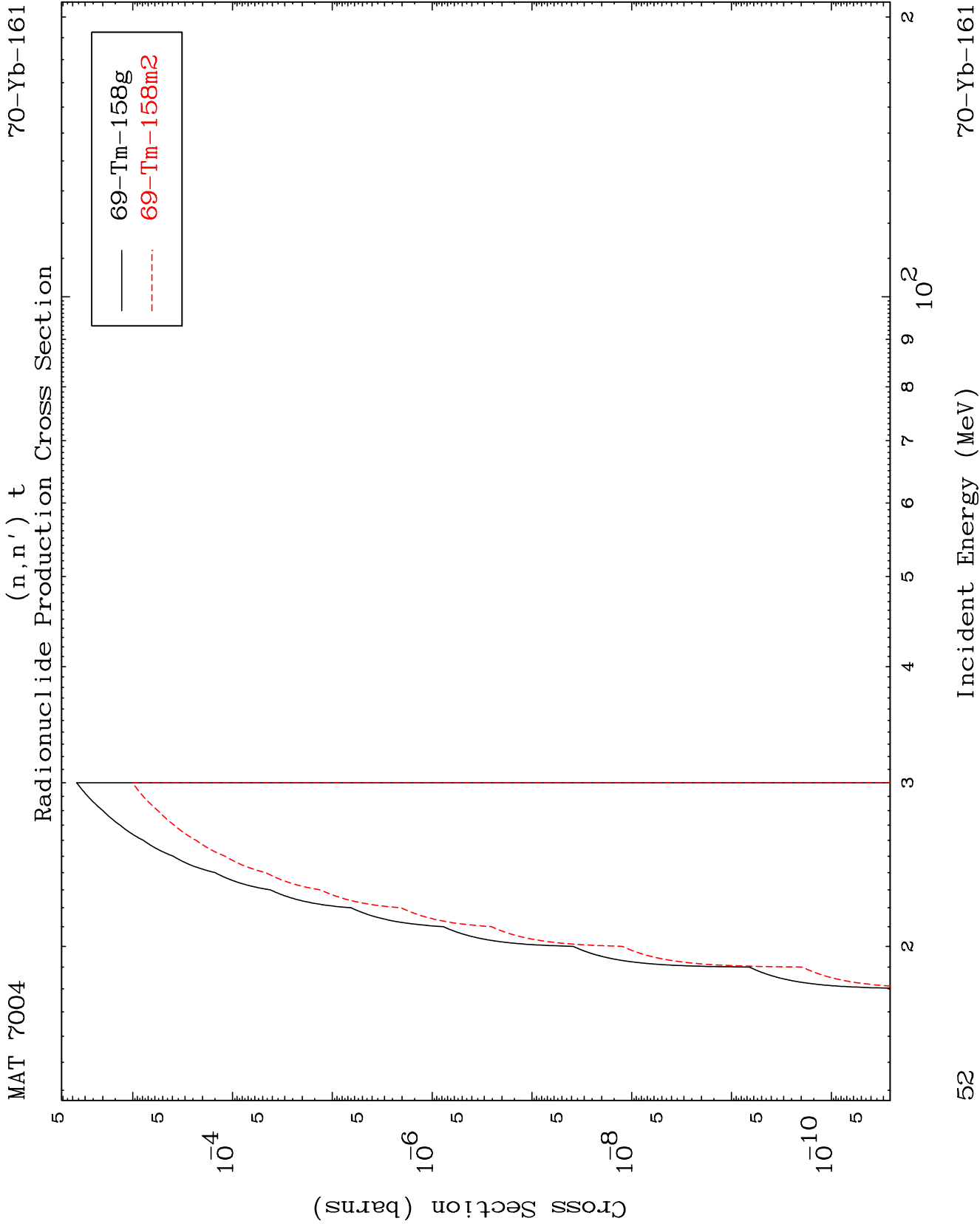
$(n,n')$  p  
Radionuclide Production Cross Section



70-Yb-161

Incident Energy (MeV)

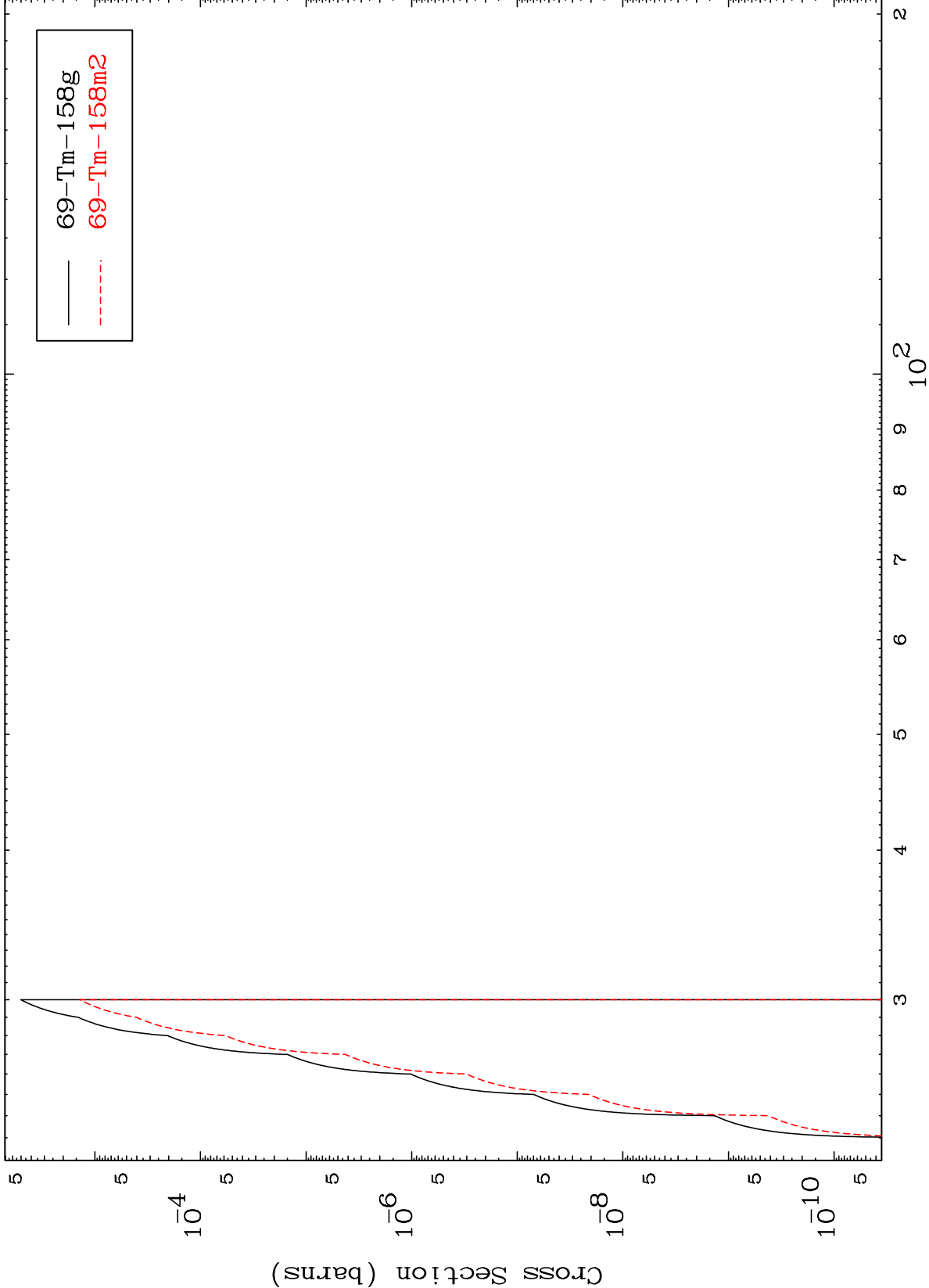
51



MAT 7004

70-Yb-161

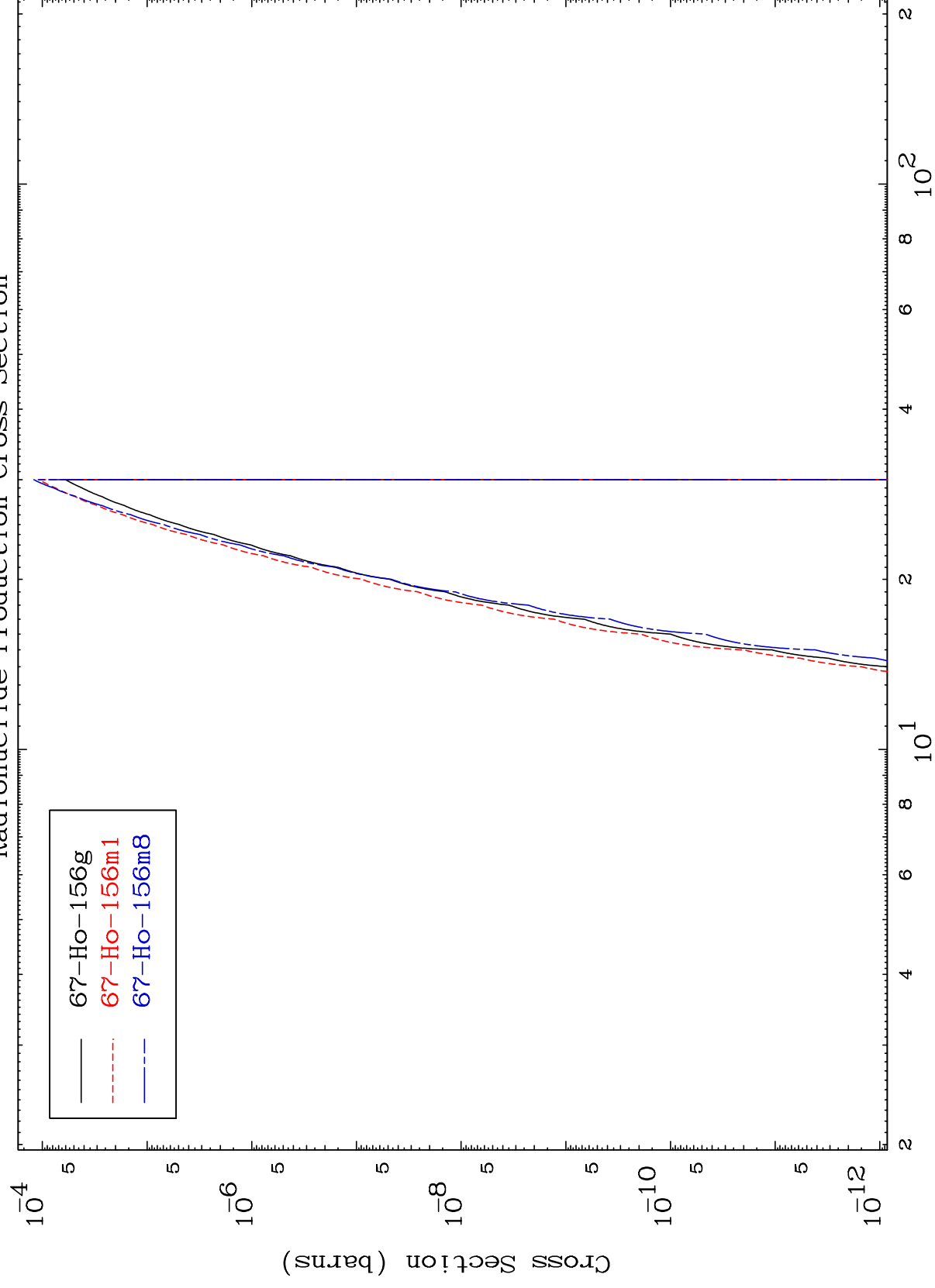
(n,3n) p  
Radionuclide Production Cross Section



53

Incident Energy (MeV)

70-Yb-161



(n,d)  
Radionuclide Production Cross Section