

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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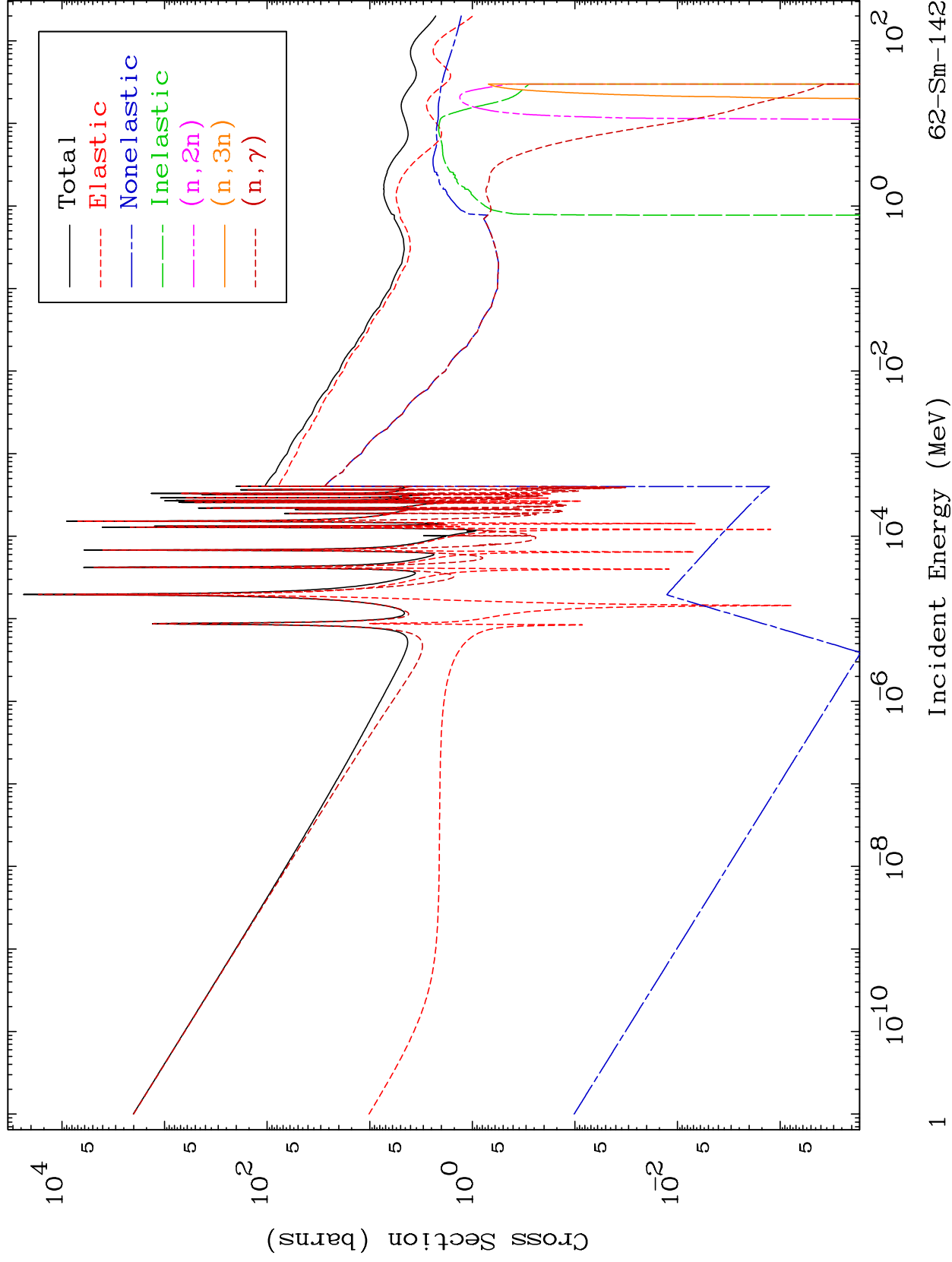
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

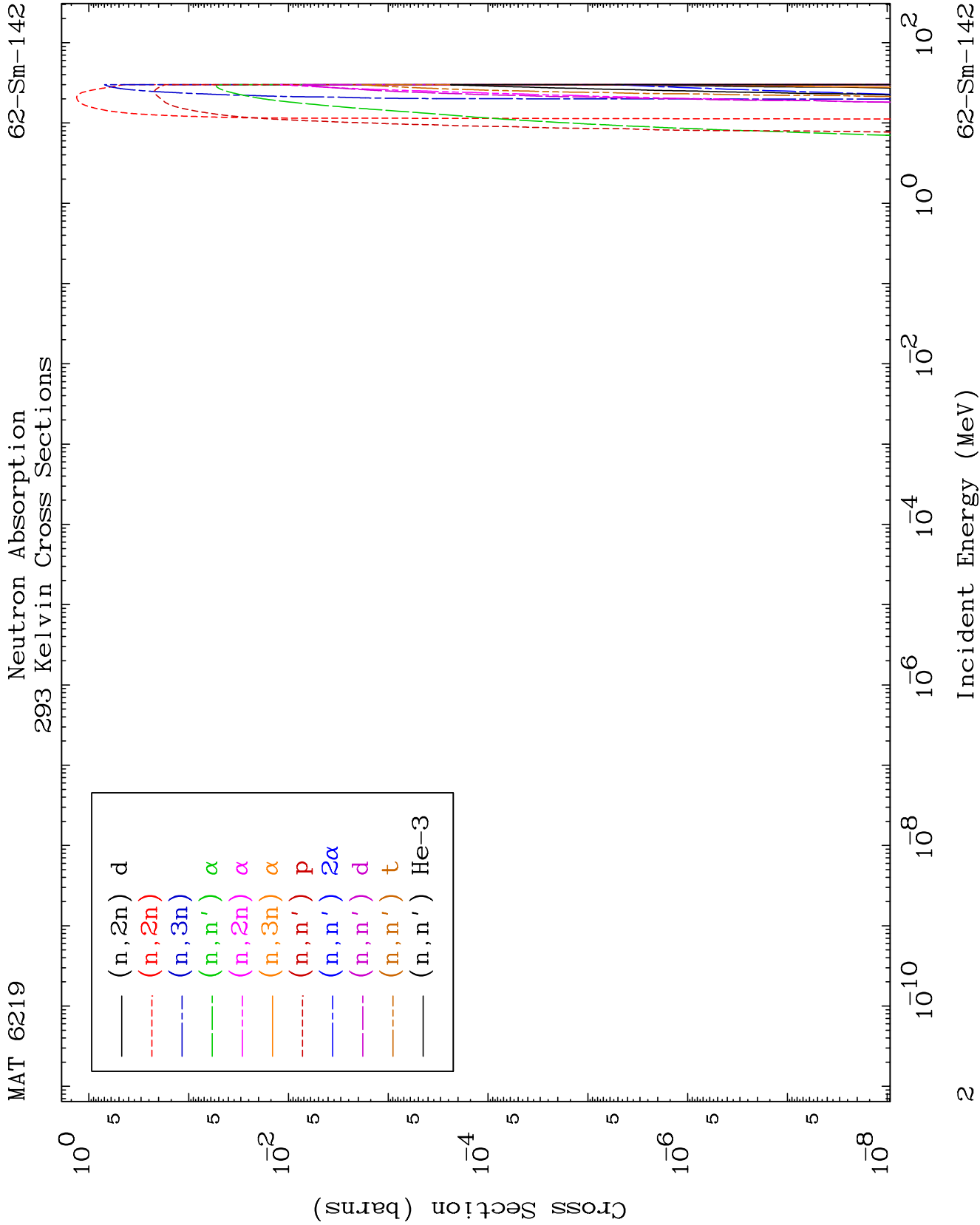
Press Mouse Button to Start

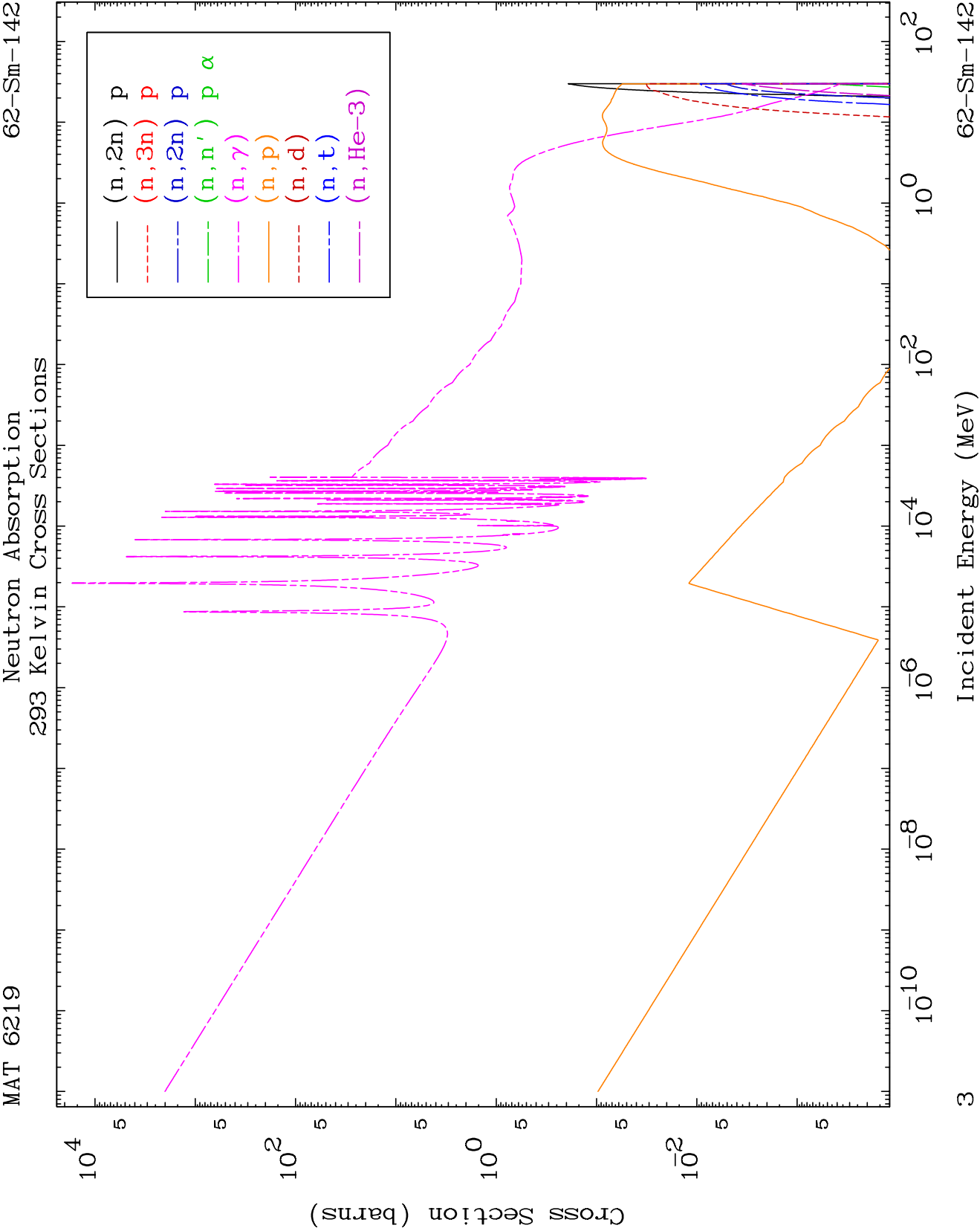
MAT 6219

Neutron Major  
293 Kelvin Cross Sections

62-Sm-142



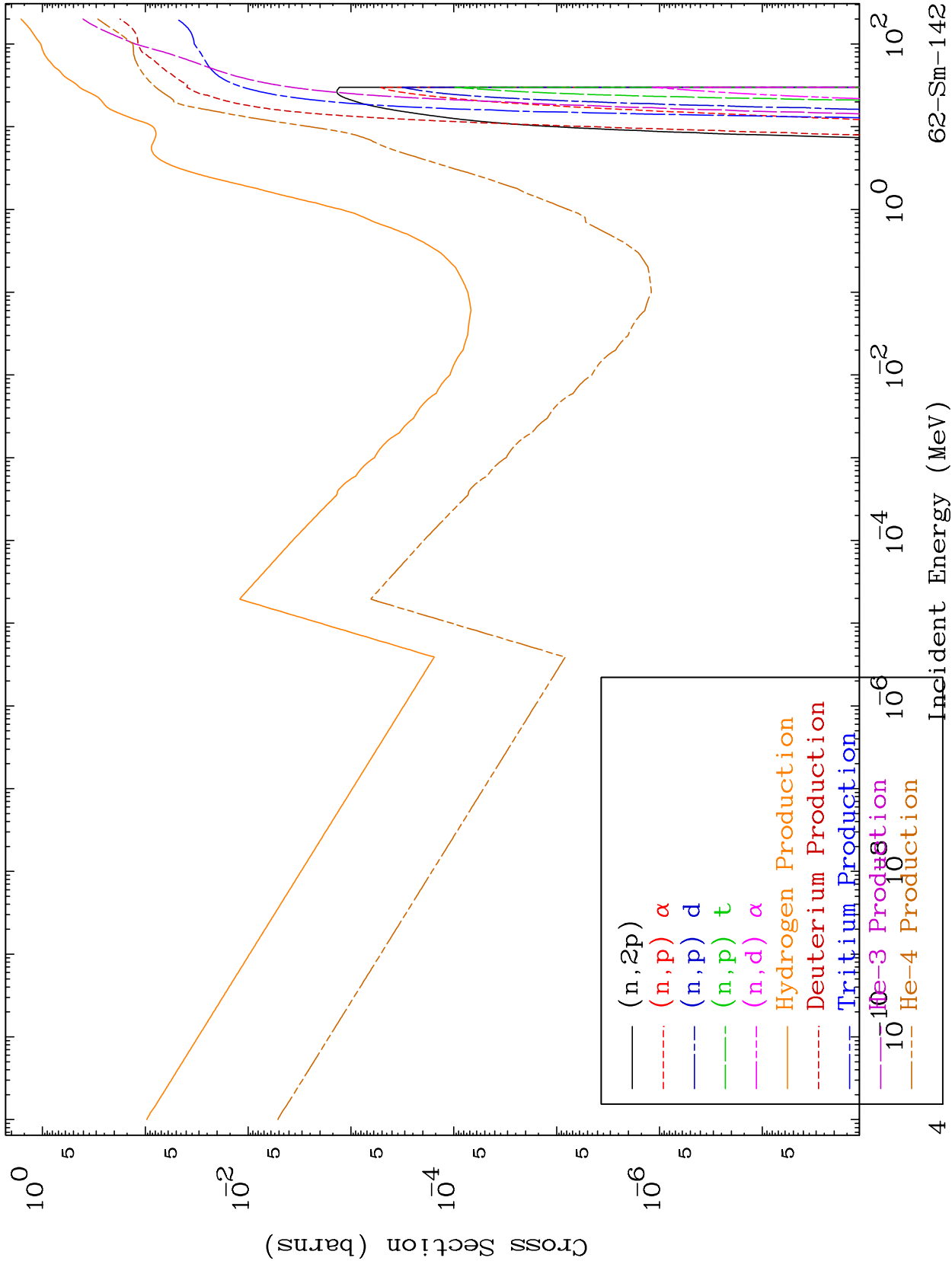




MAT 6219

Neutron Absorption  
293 Kelvin Cross Sections

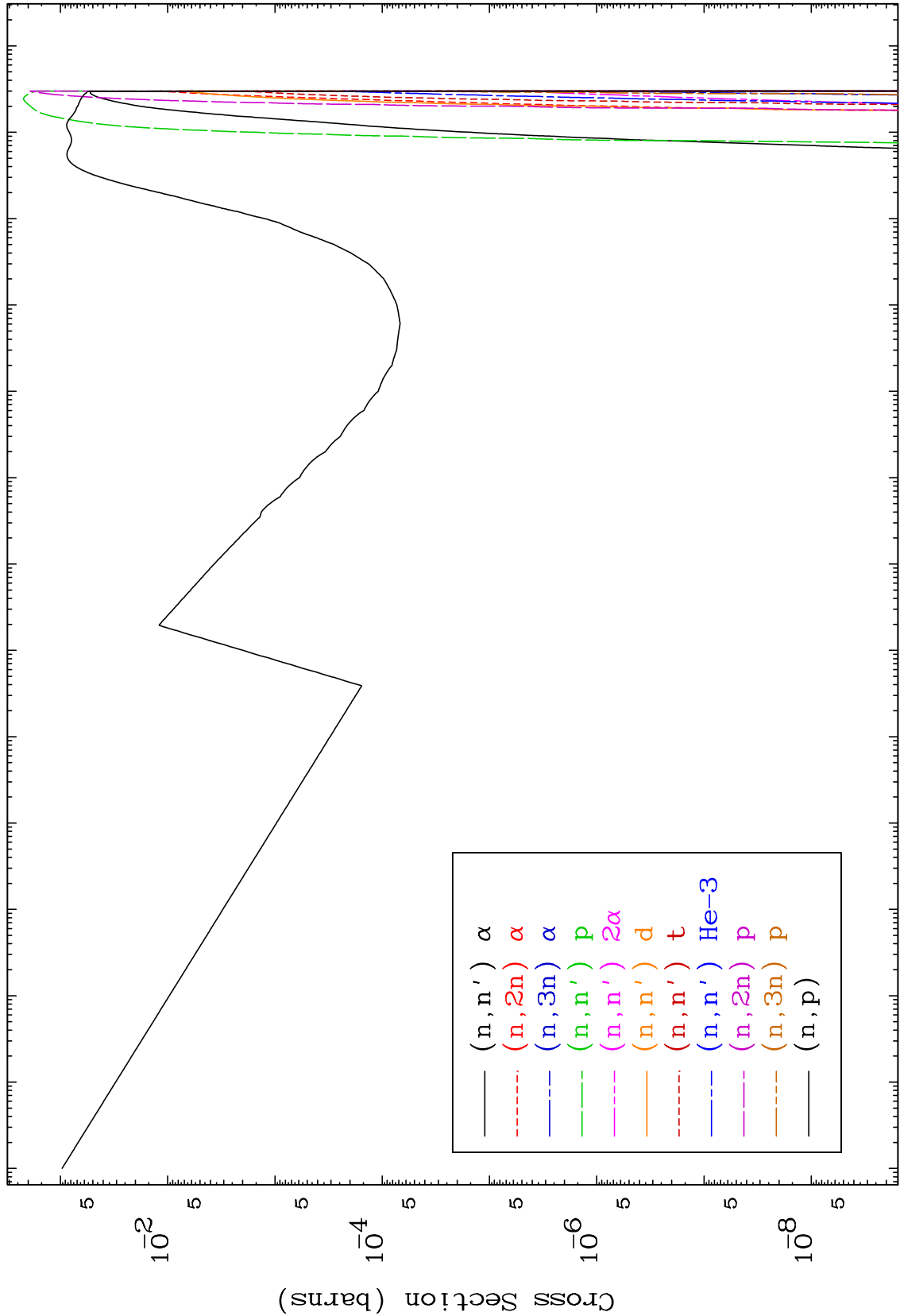
62-Sm-142

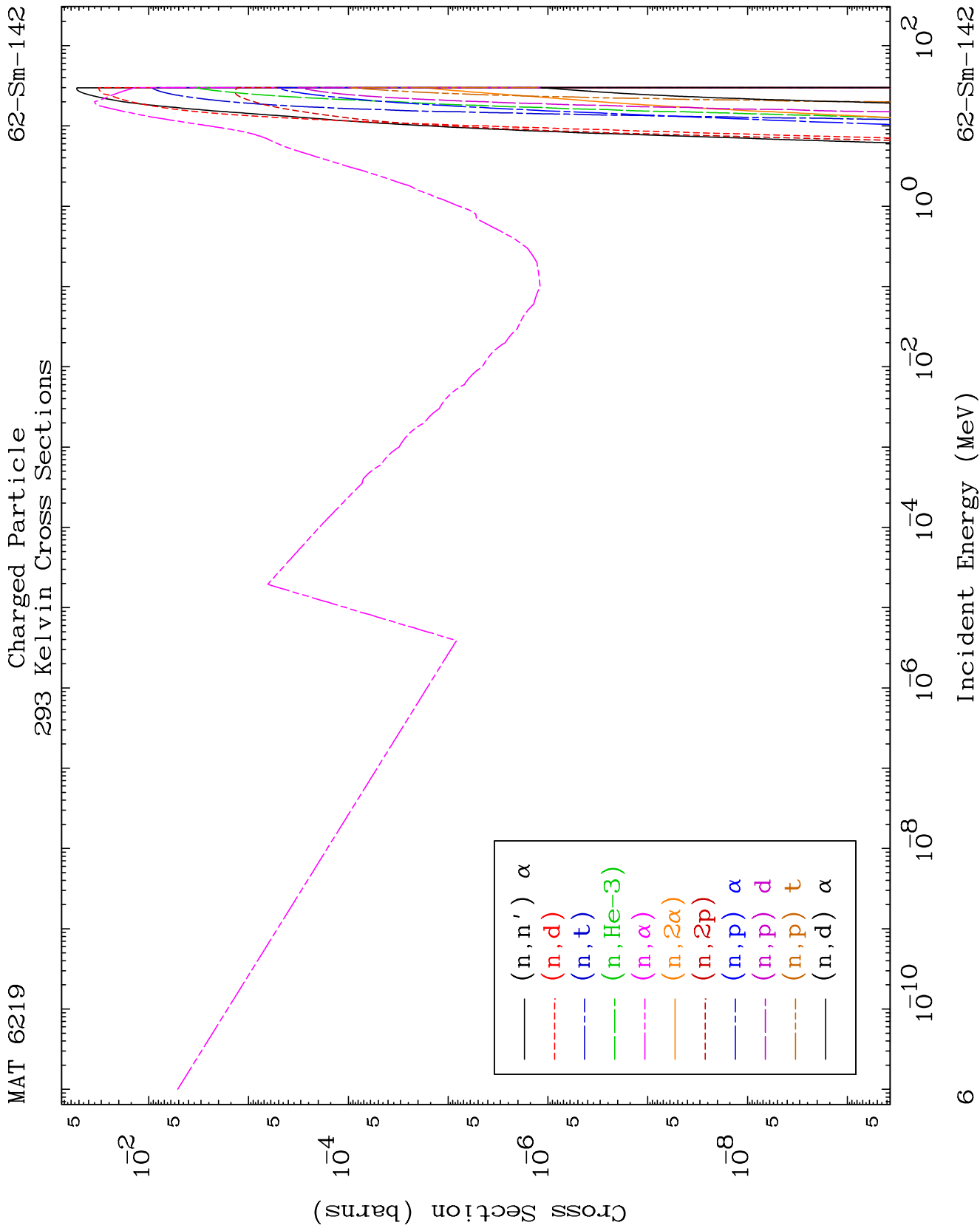


MAT 6219

Charged Particle  
293 Kelvin Cross Sections

62-Sm-142

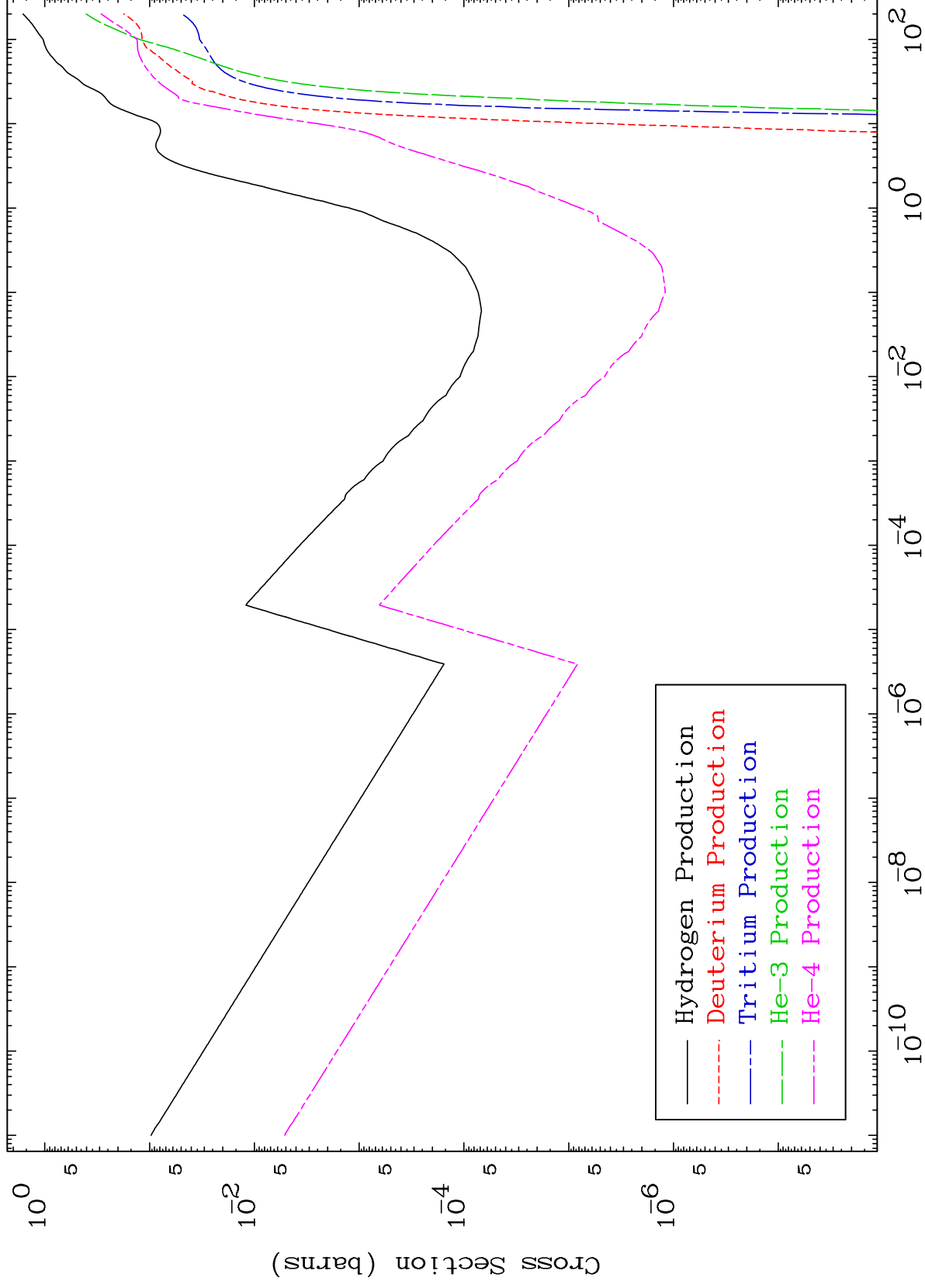




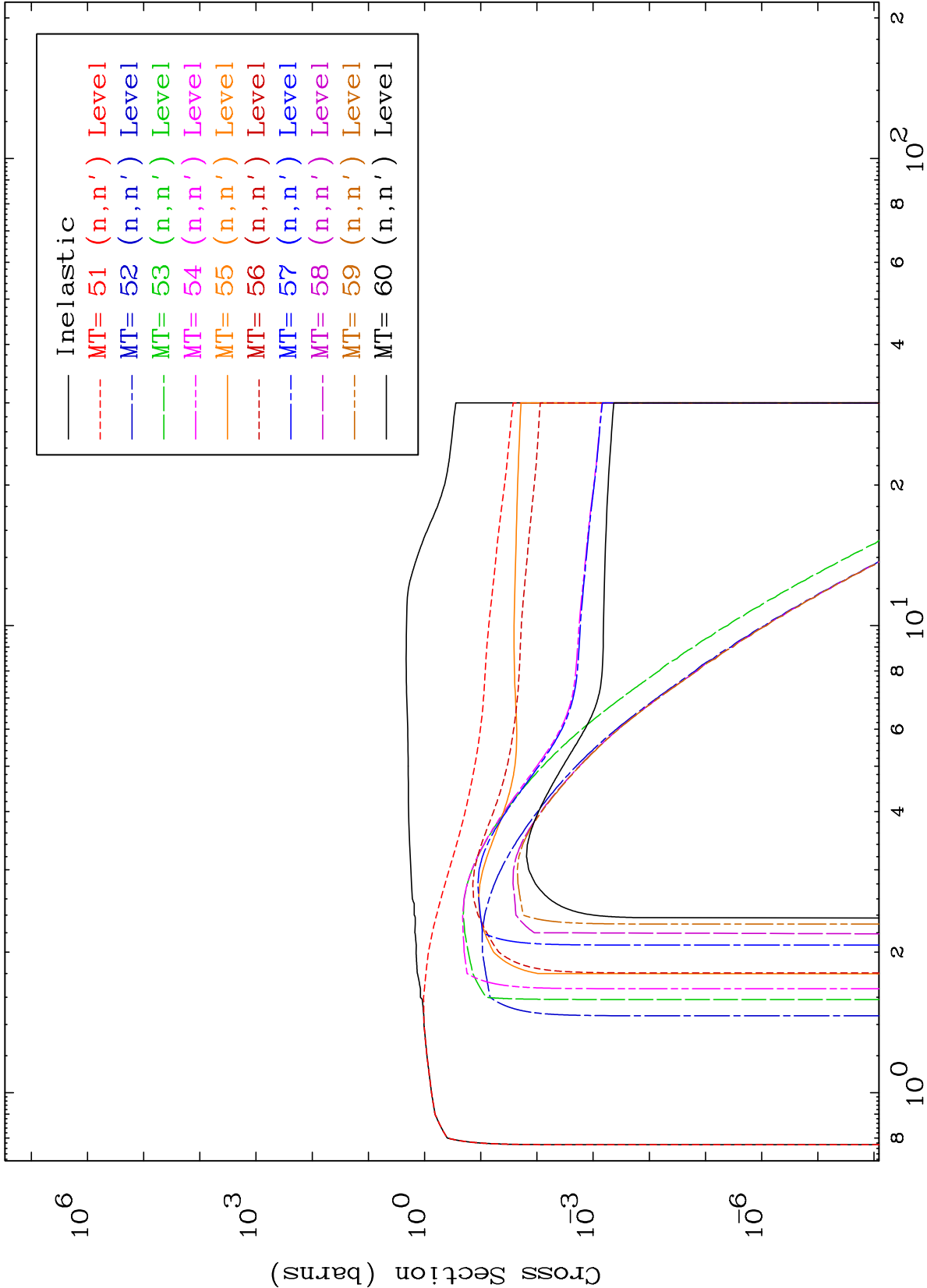
MAT 6219

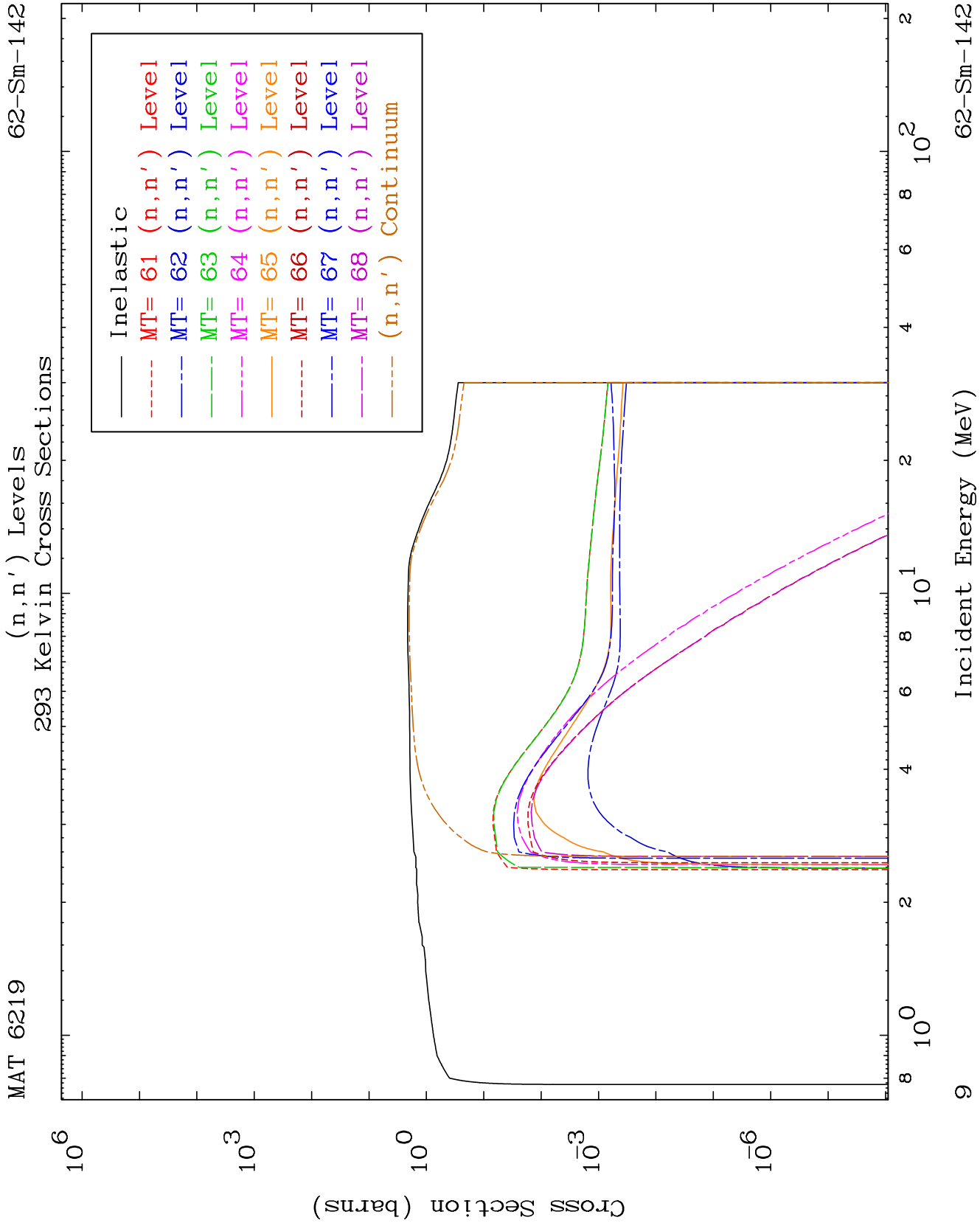
Particle Production  
293 Kelvin Cross Sections

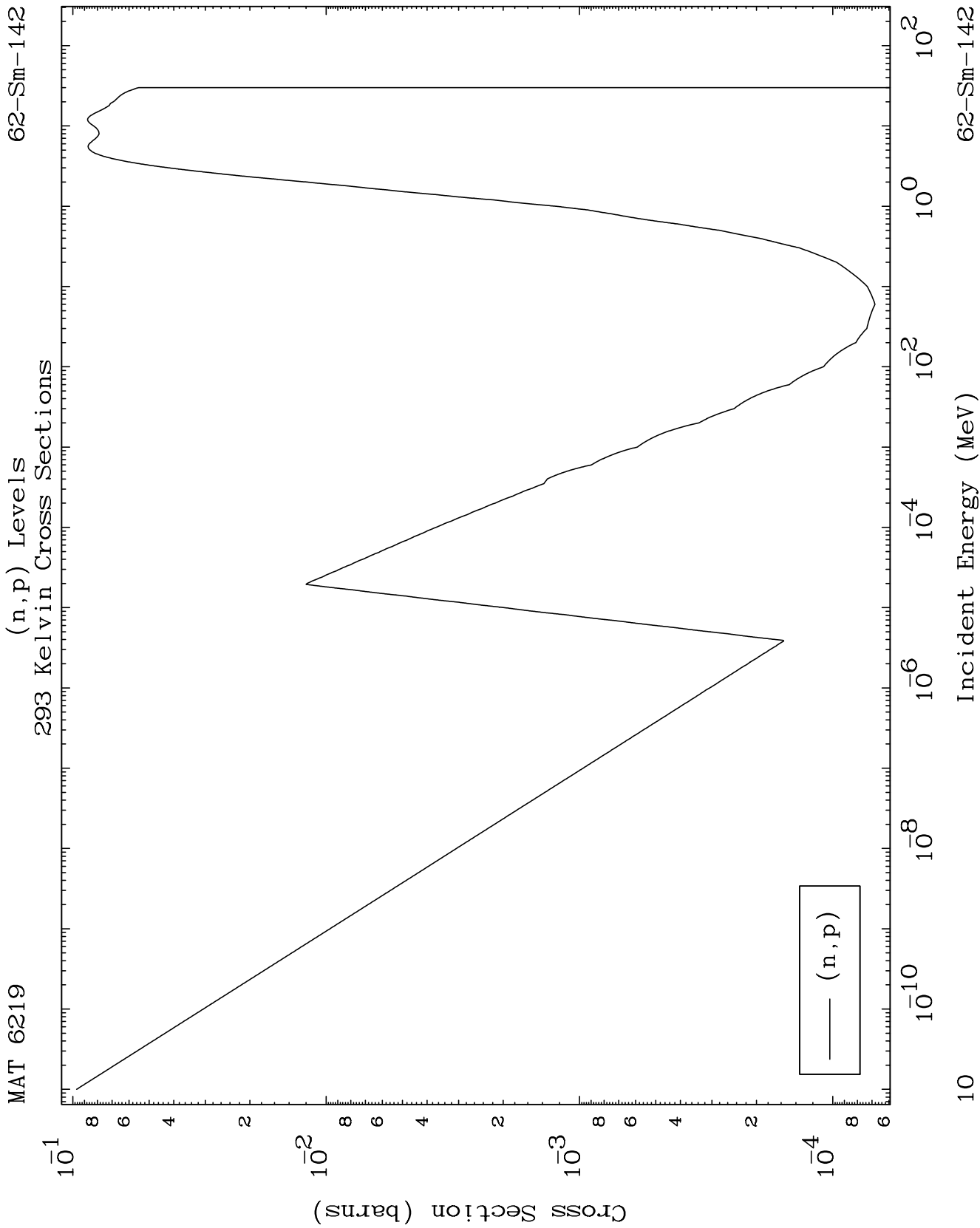
62-Sm-142







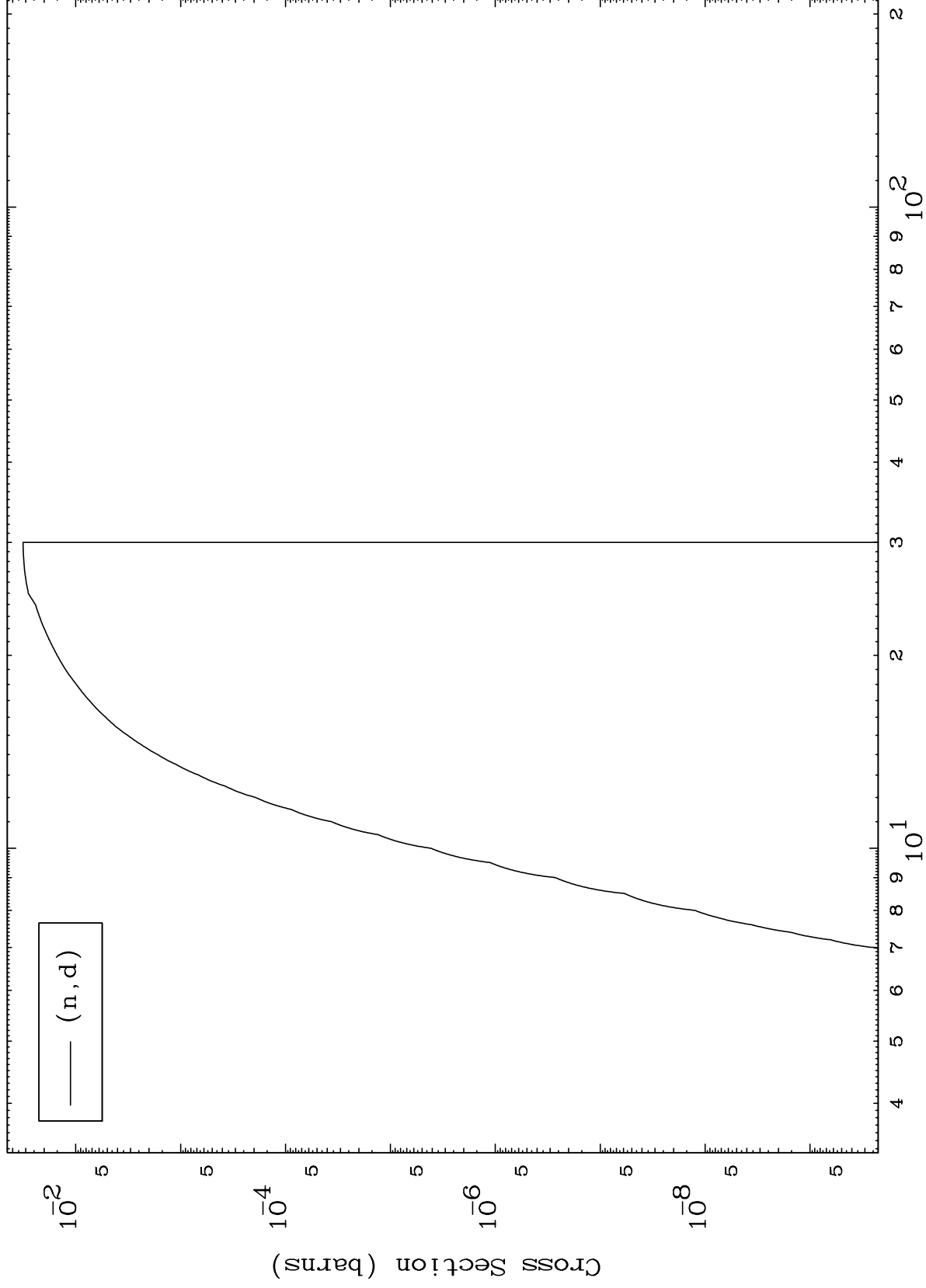




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62-Sm-142

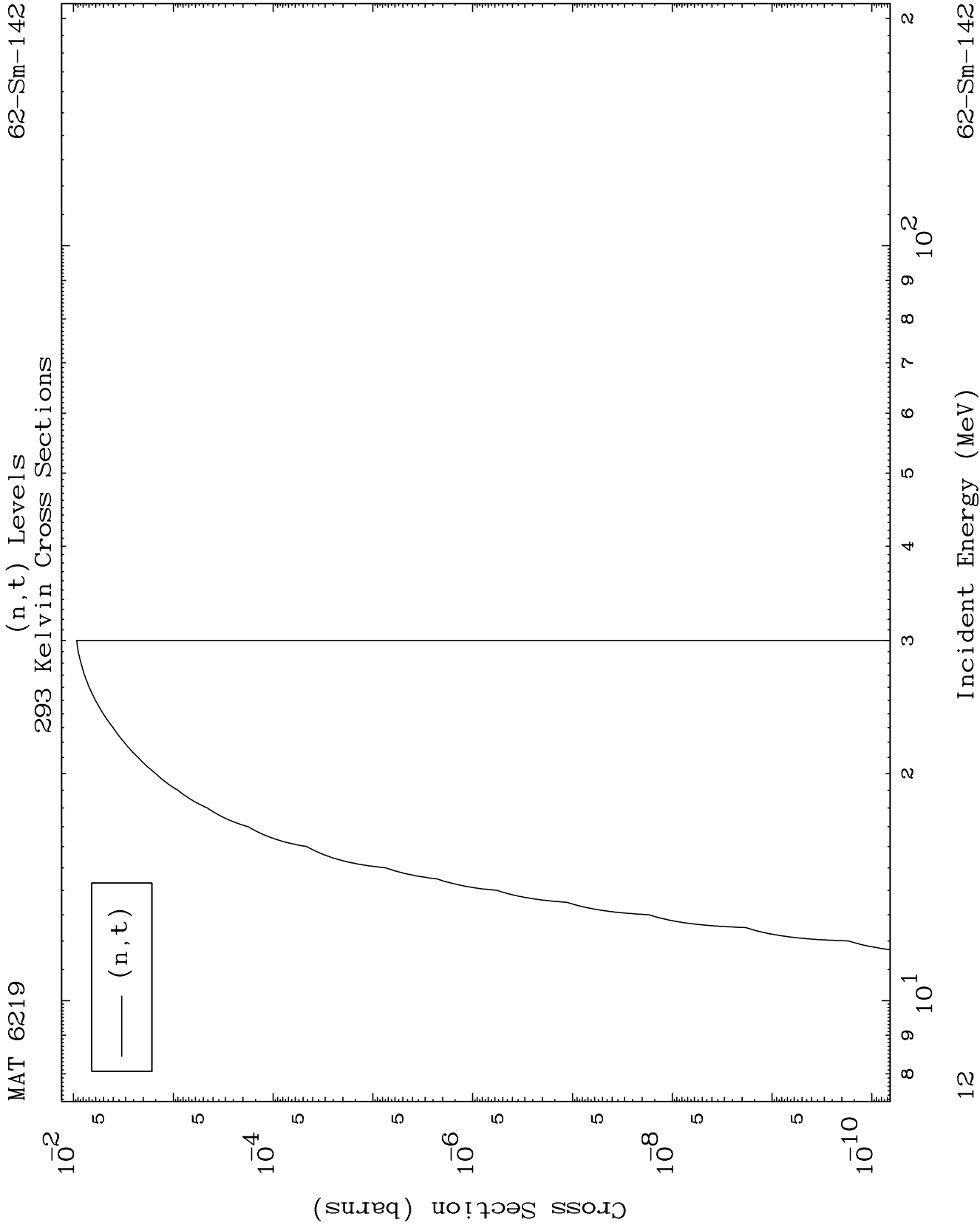
(n,d) Levels  
293 Kelvin Cross Sections

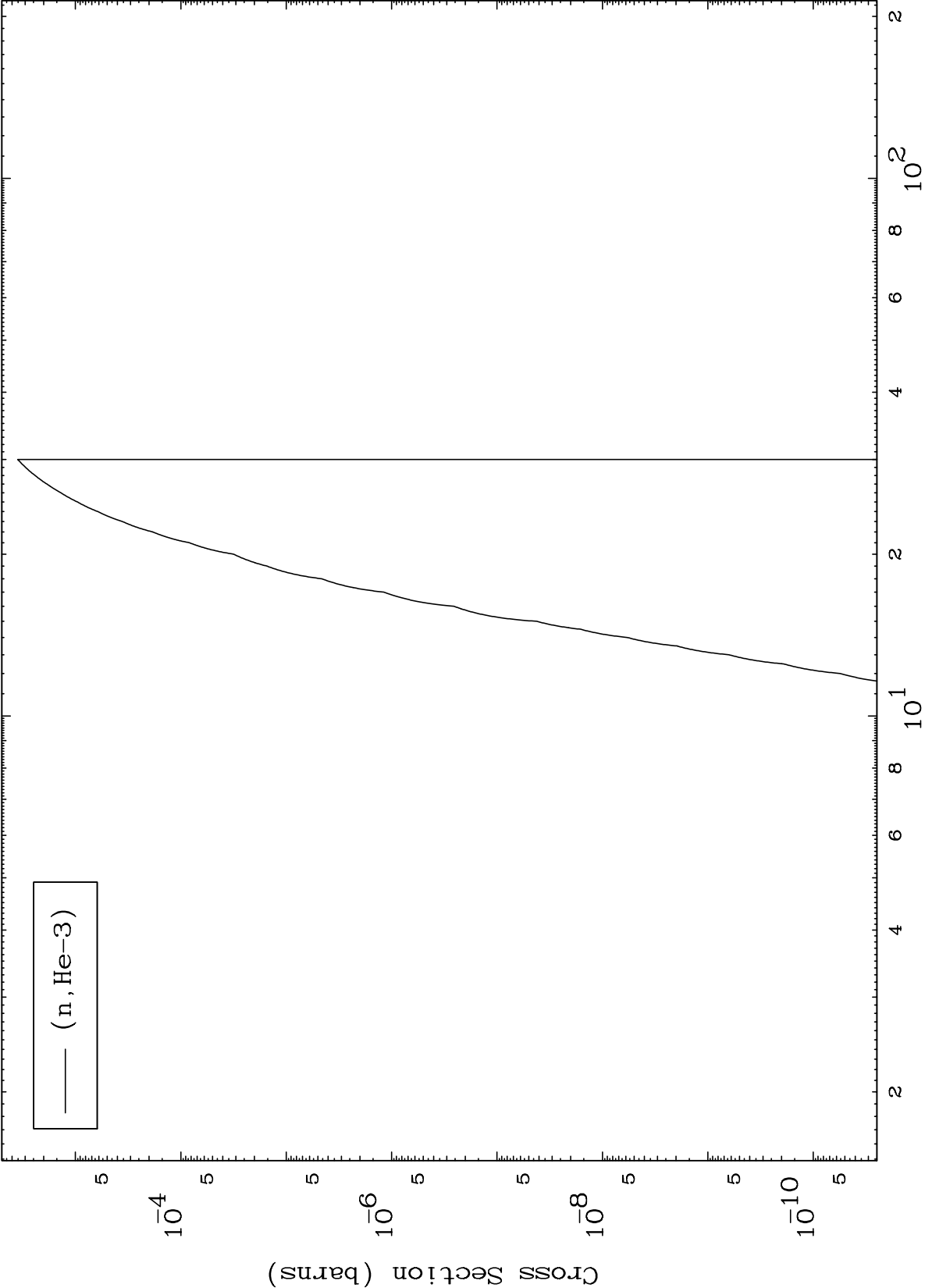


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62-Sm-142

Incident Energy (MeV)

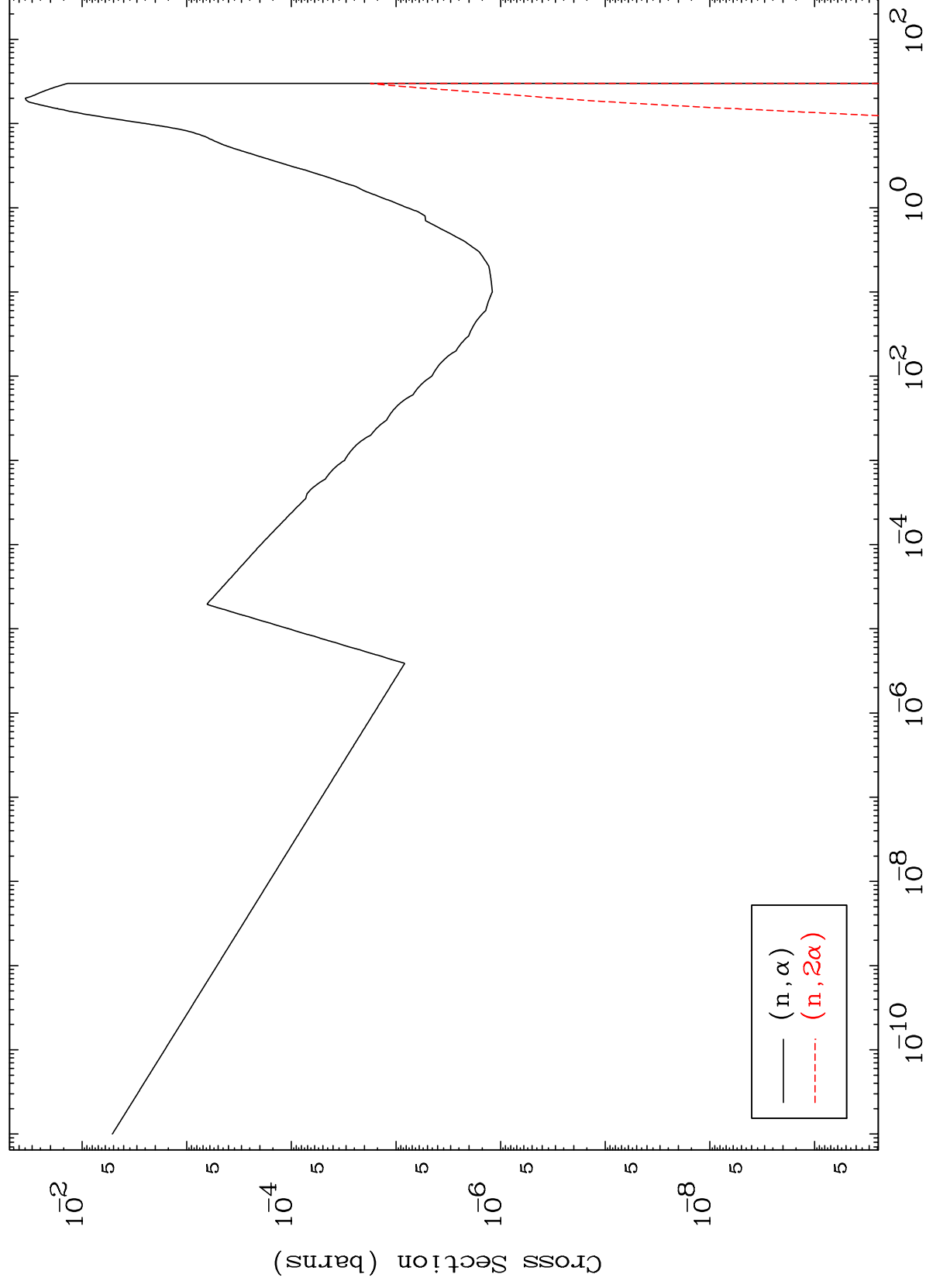




MAT 6219

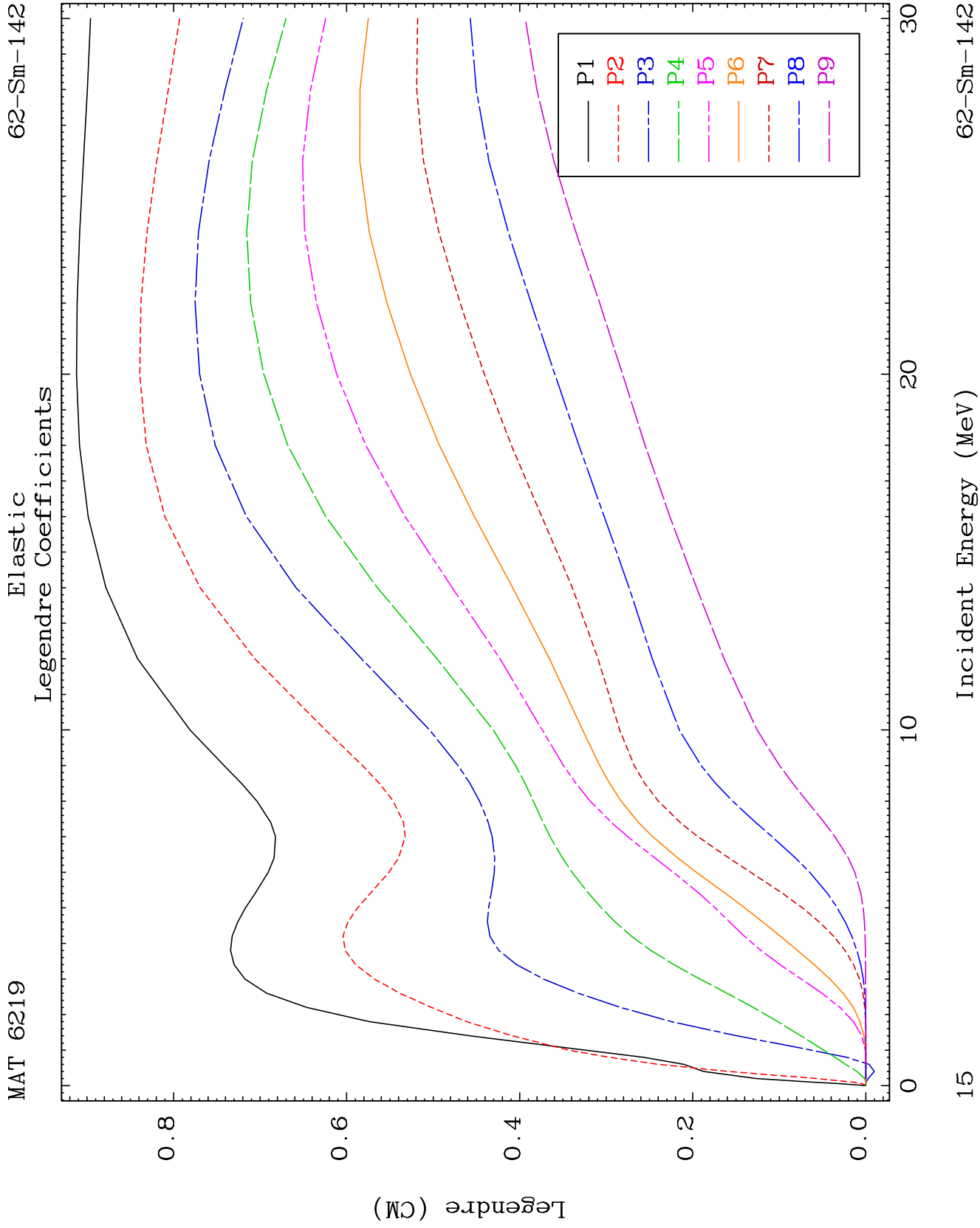
(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

62-Sm-142

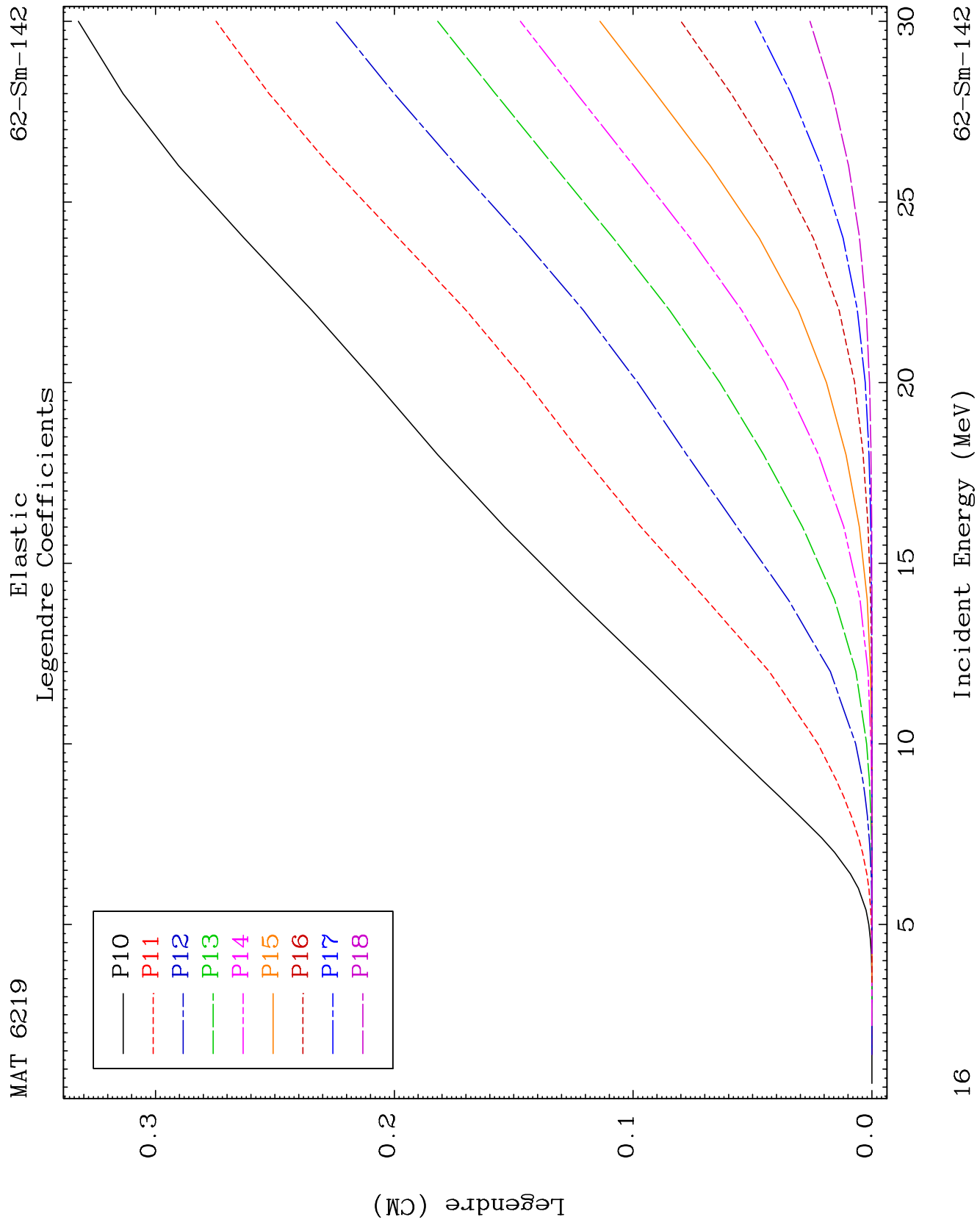


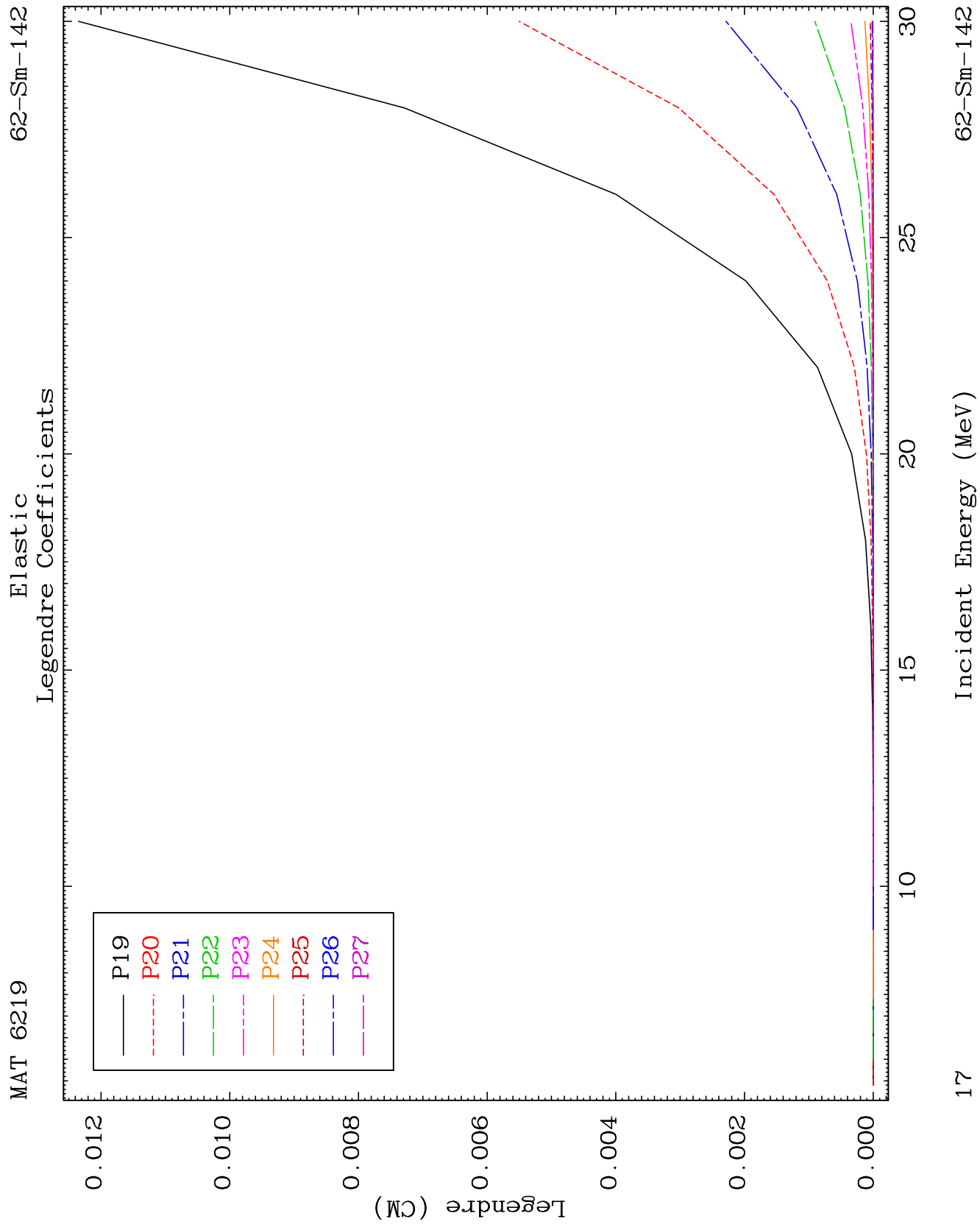
14

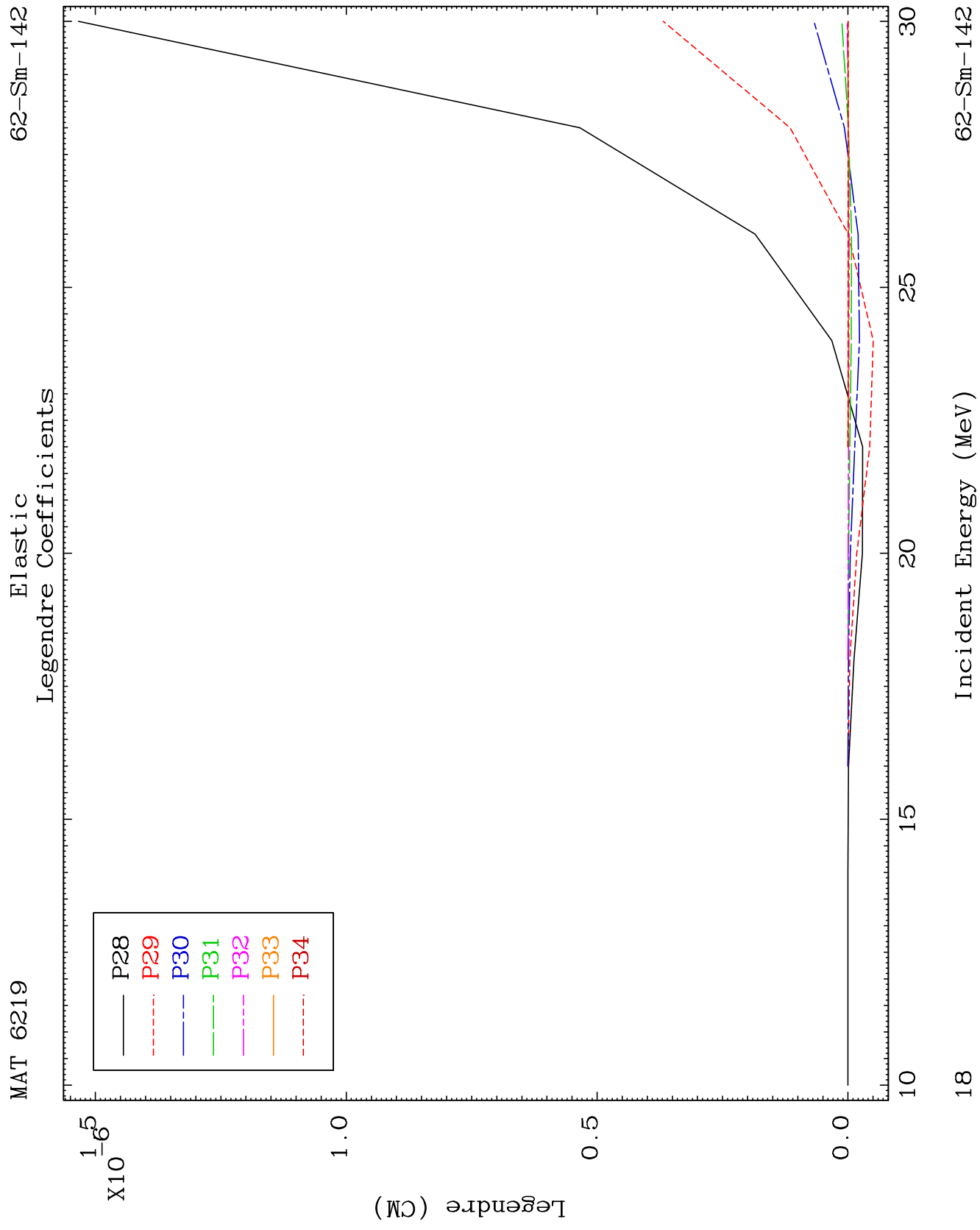
62-Sm-142









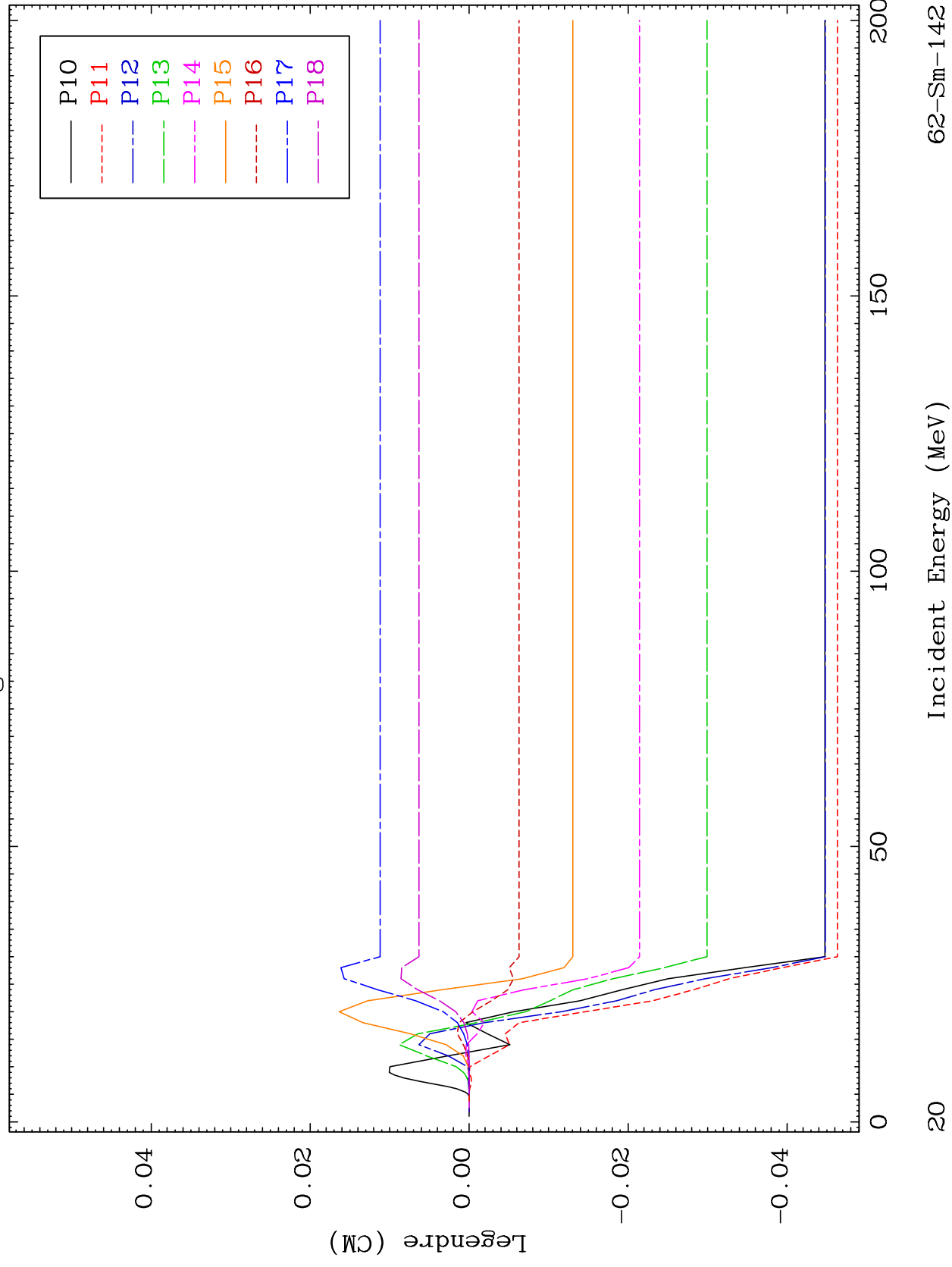


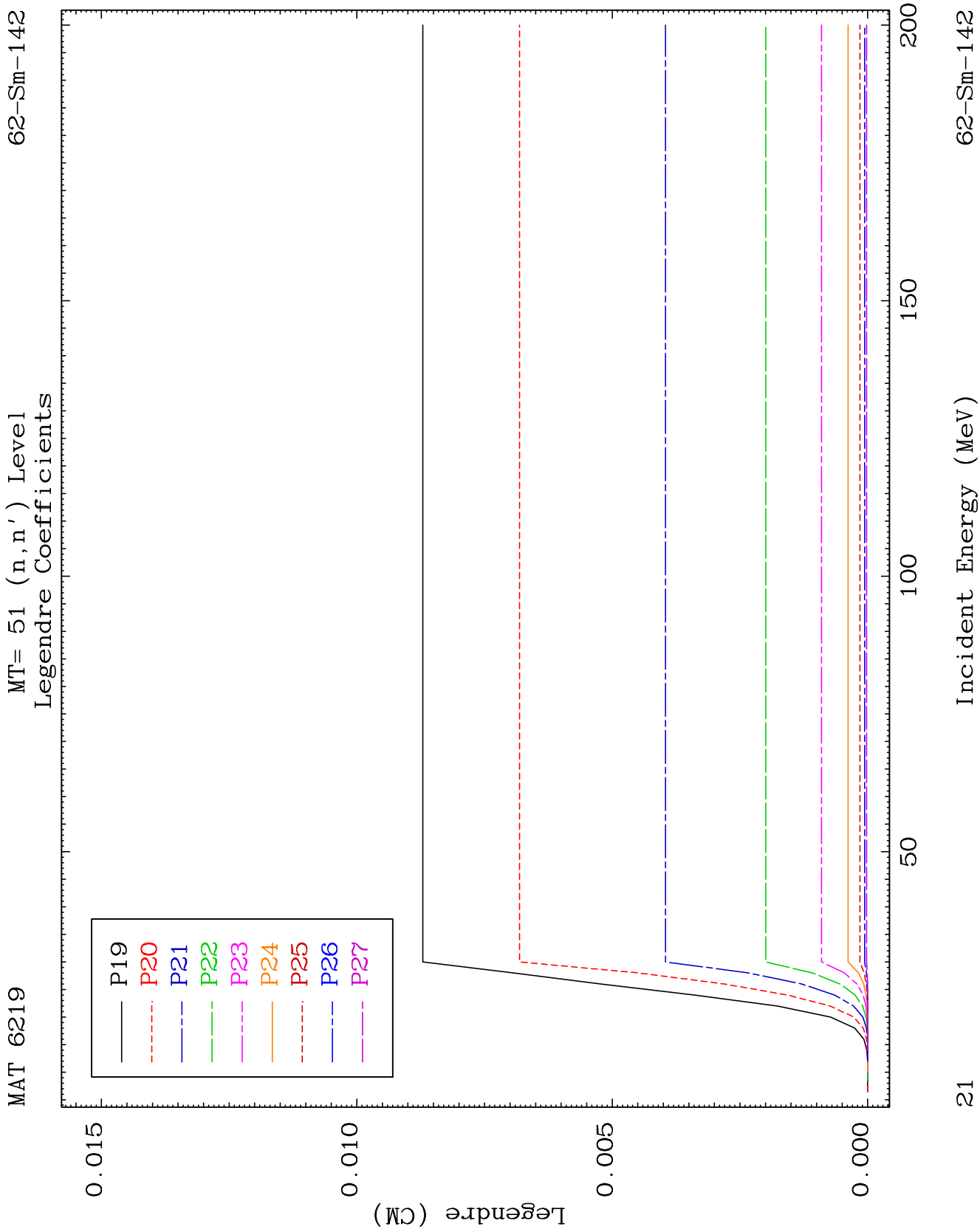


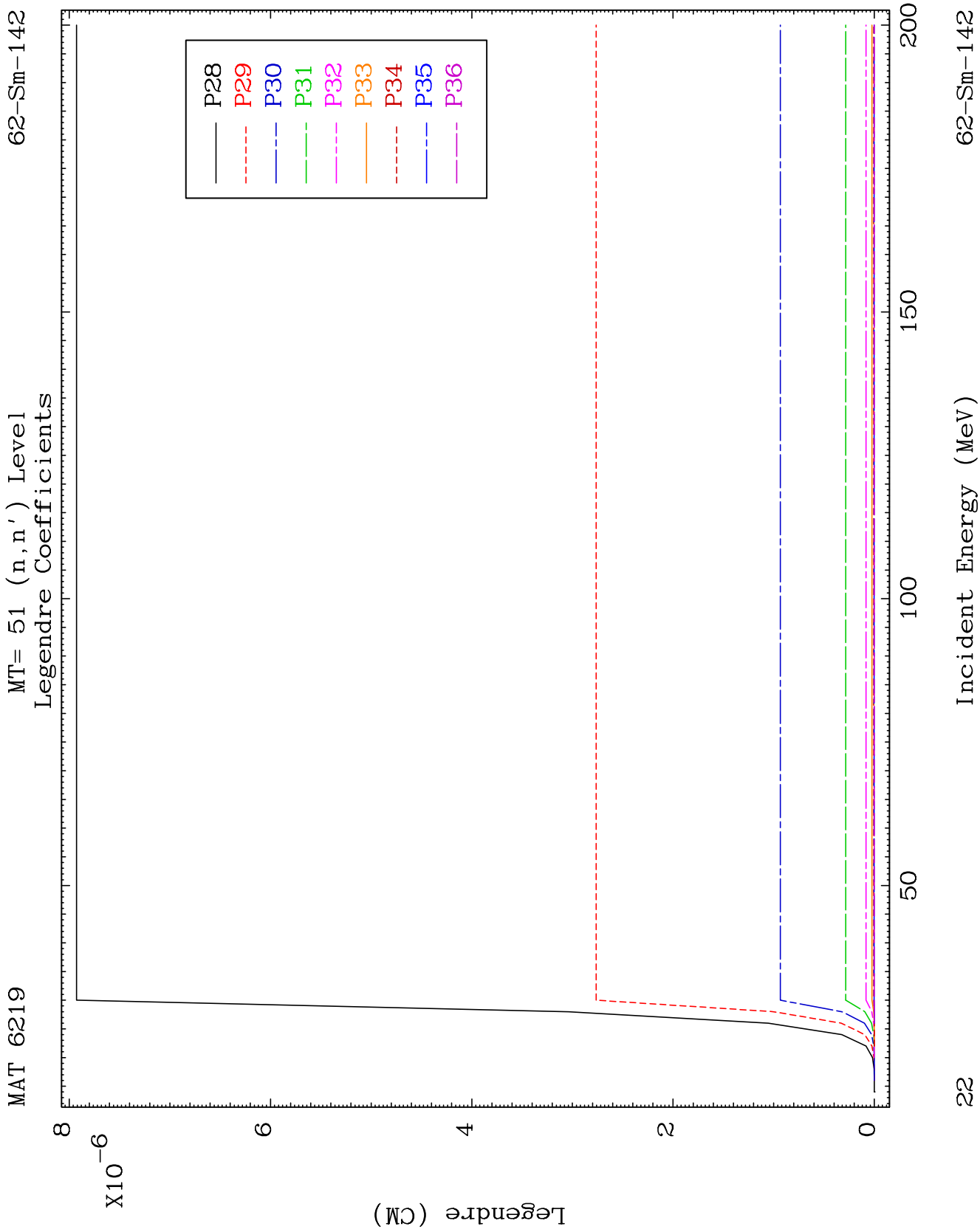
MAT 6219

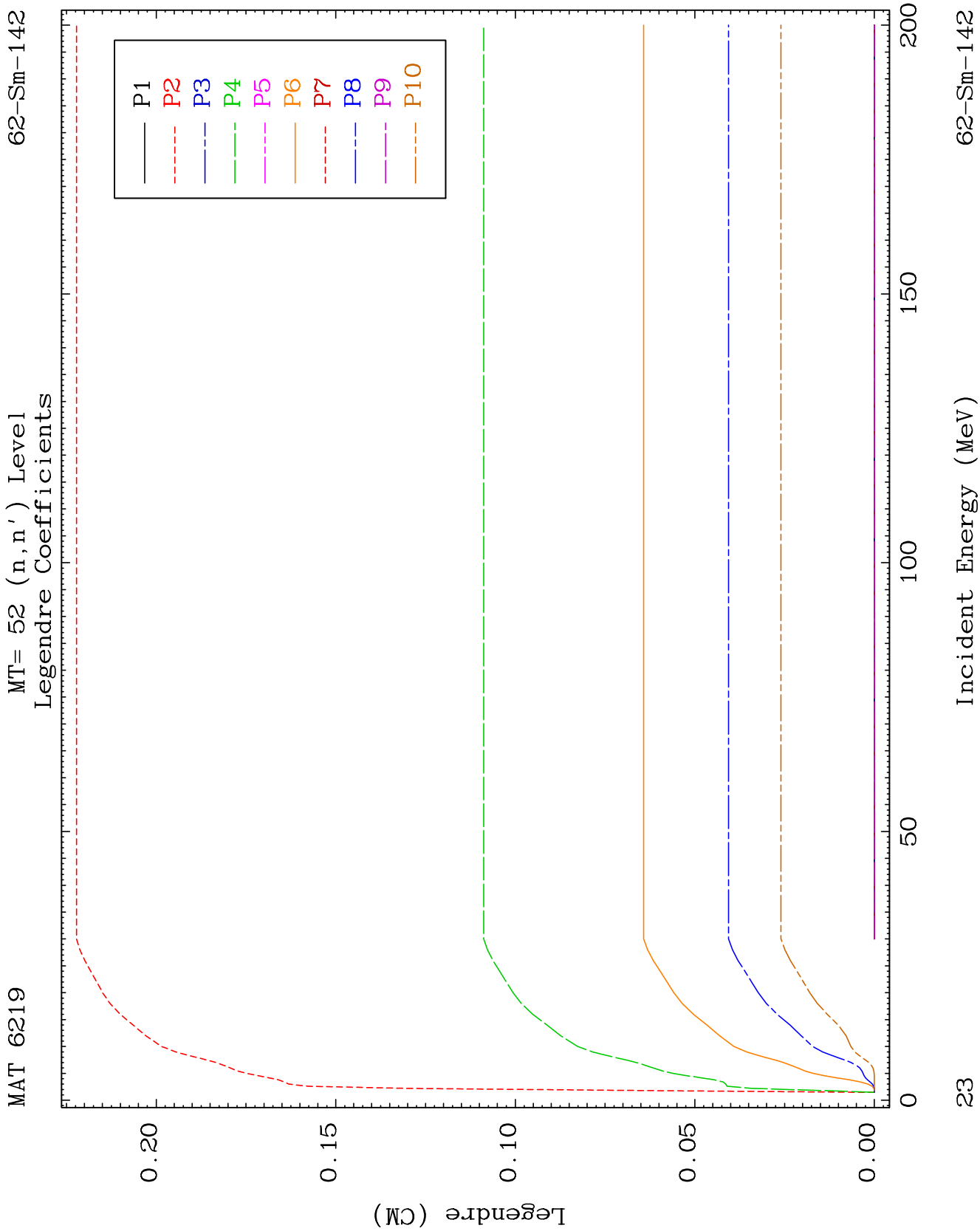
MT= 51 (n, n') Level  
Legendre Coefficients

62-Sm-142









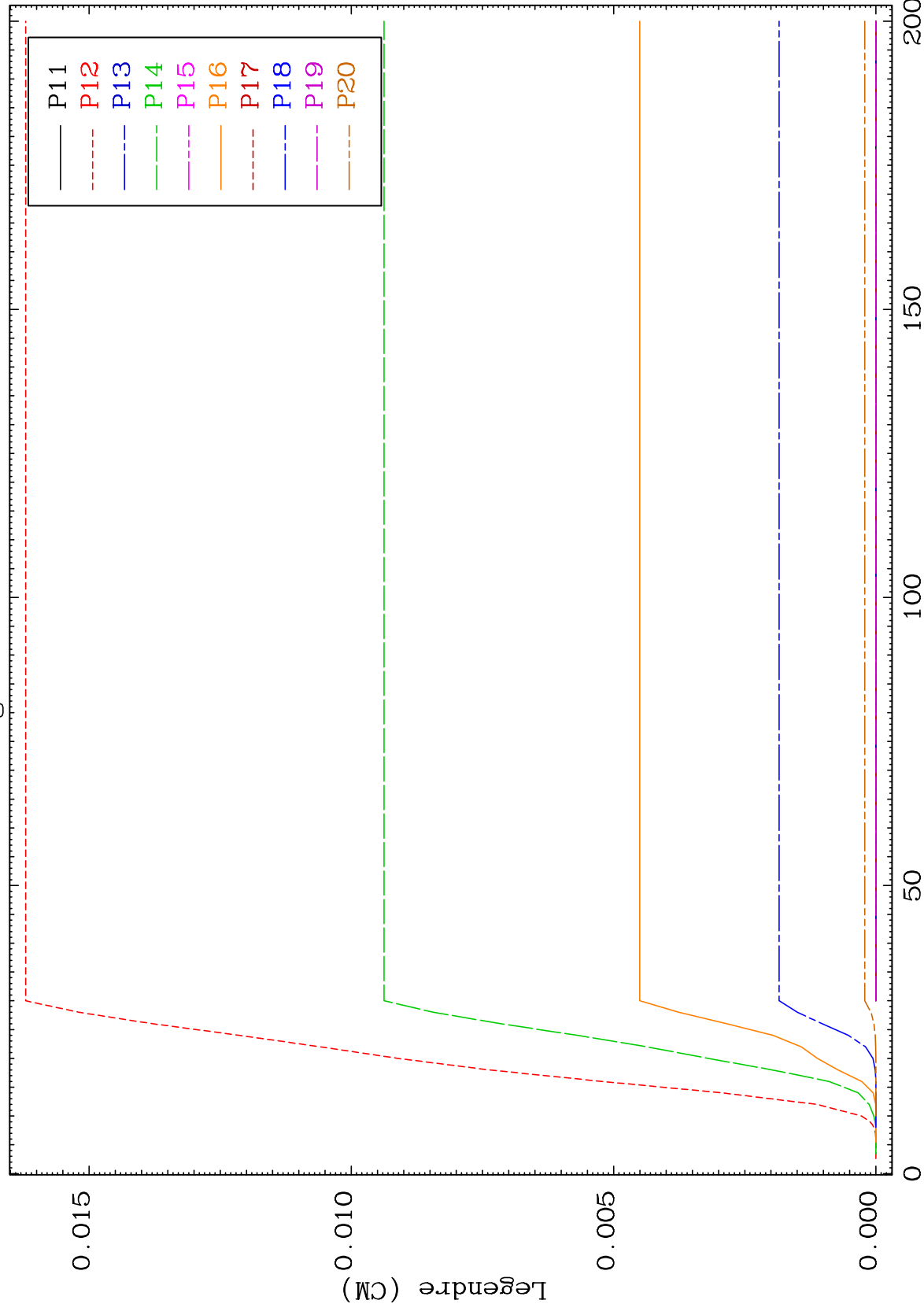


MAT 6219

MT= 52 (n, n') Level

62-Sm-142

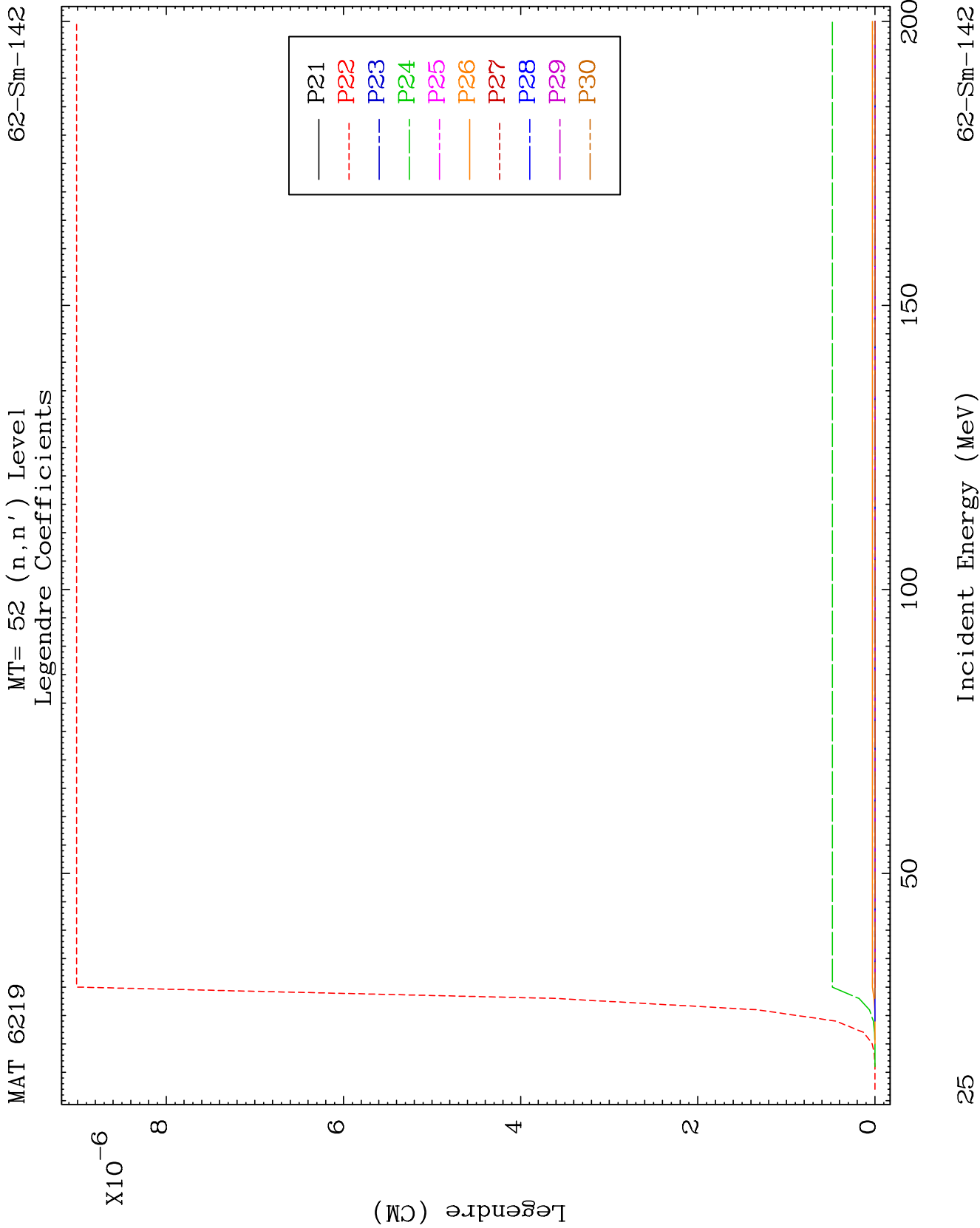
### Legendre Coefficients



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Incident Energy (MeV)

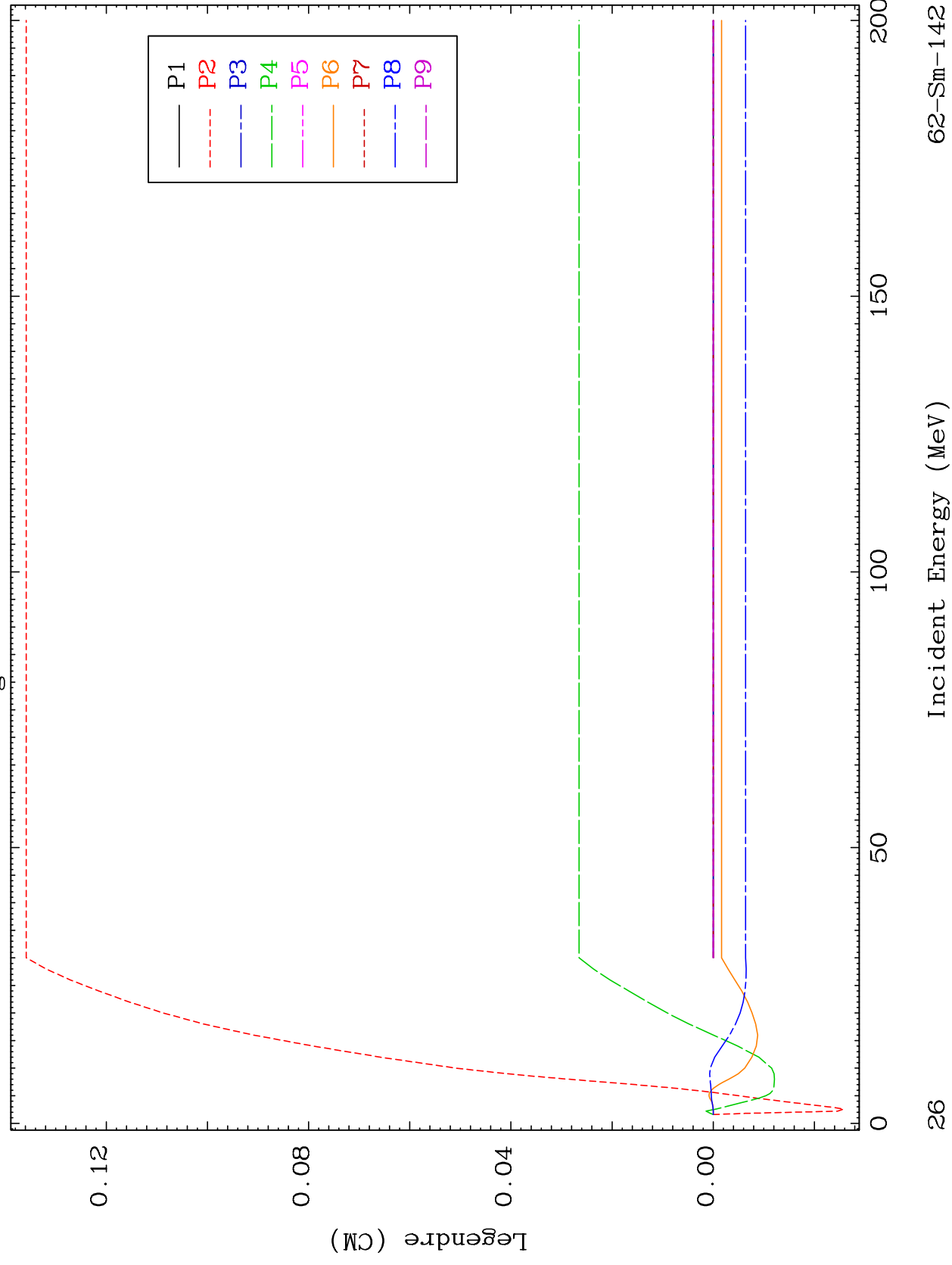
62-Sm-142

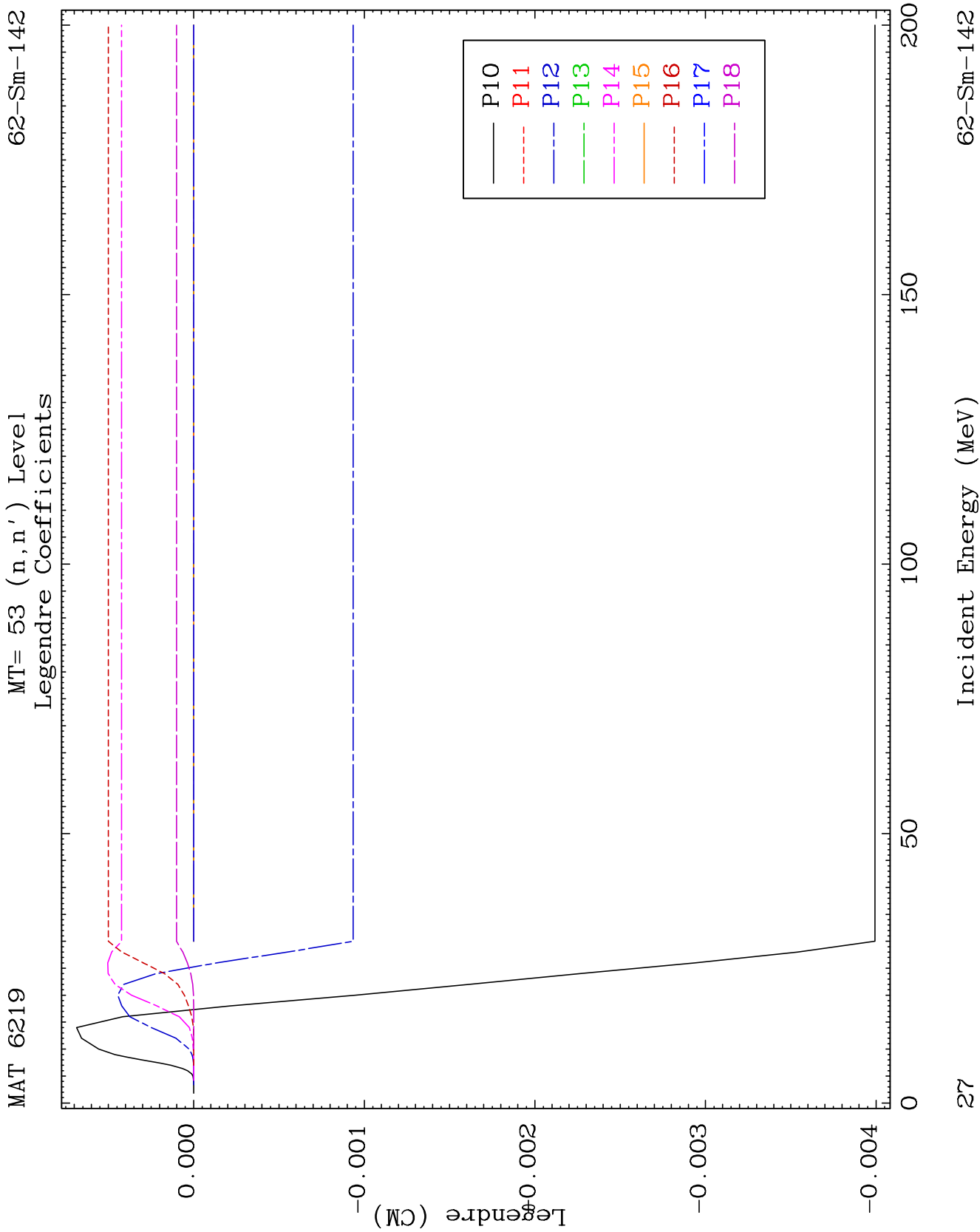


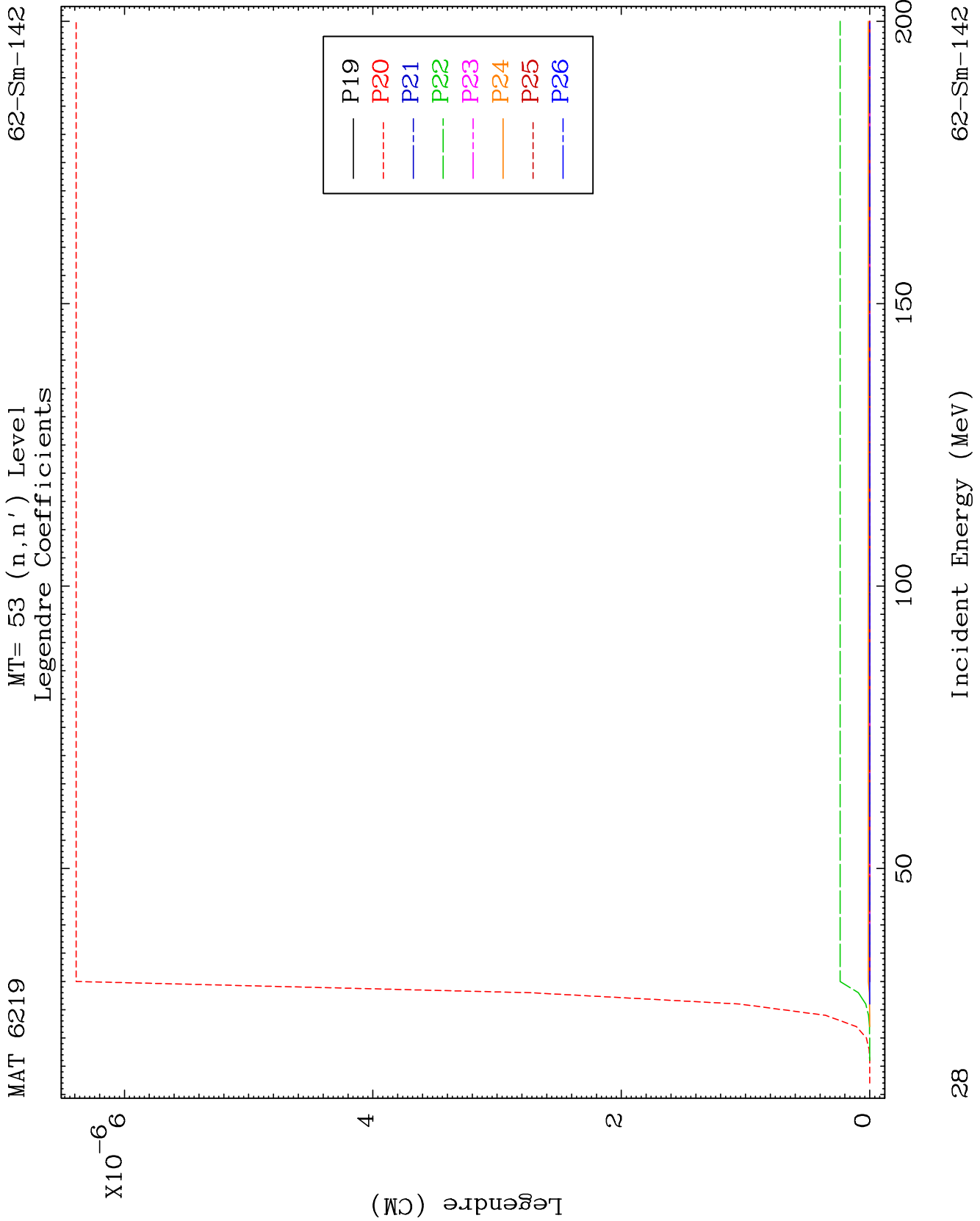
MAT 6219

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

62-Sm-142





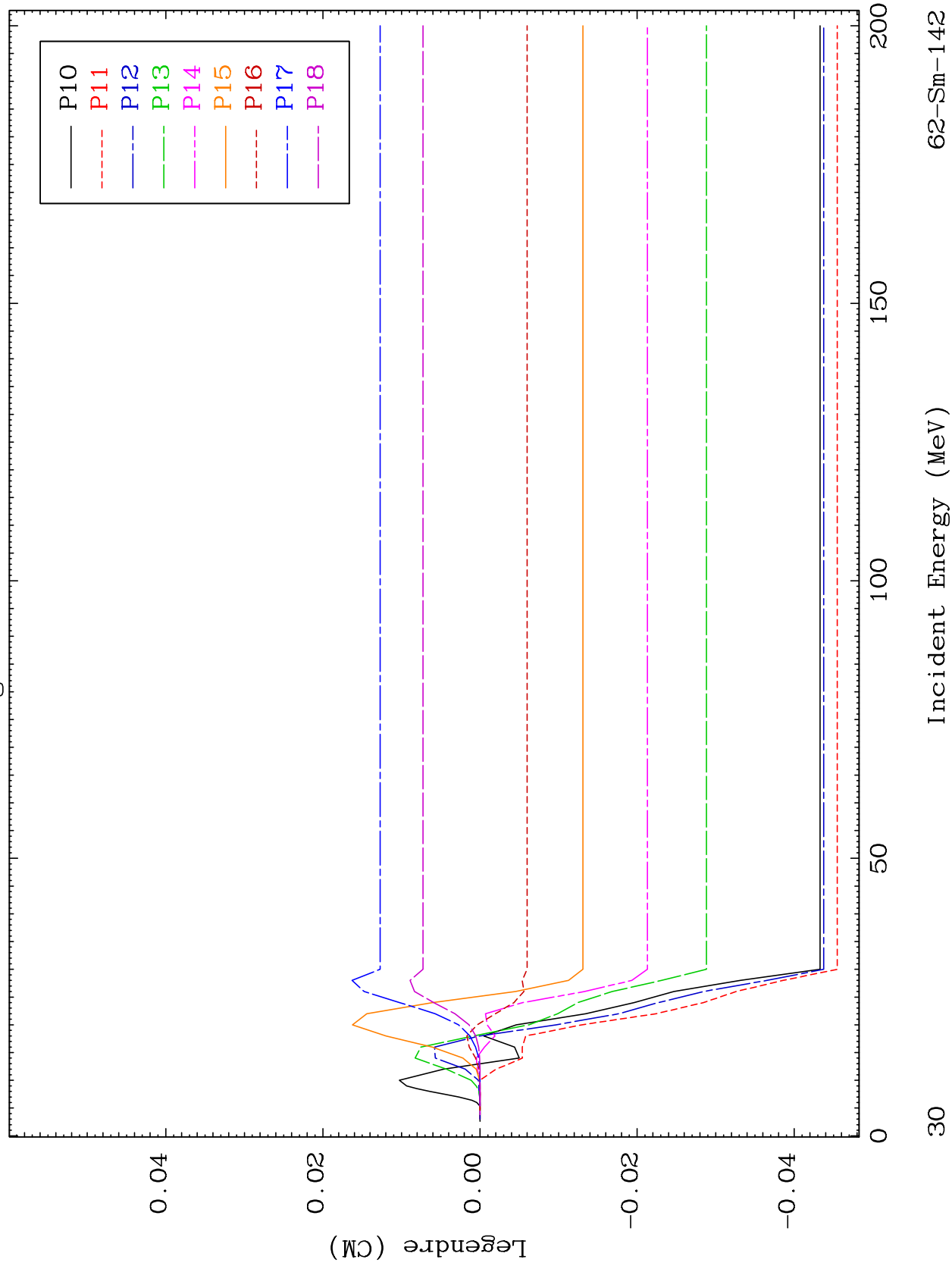


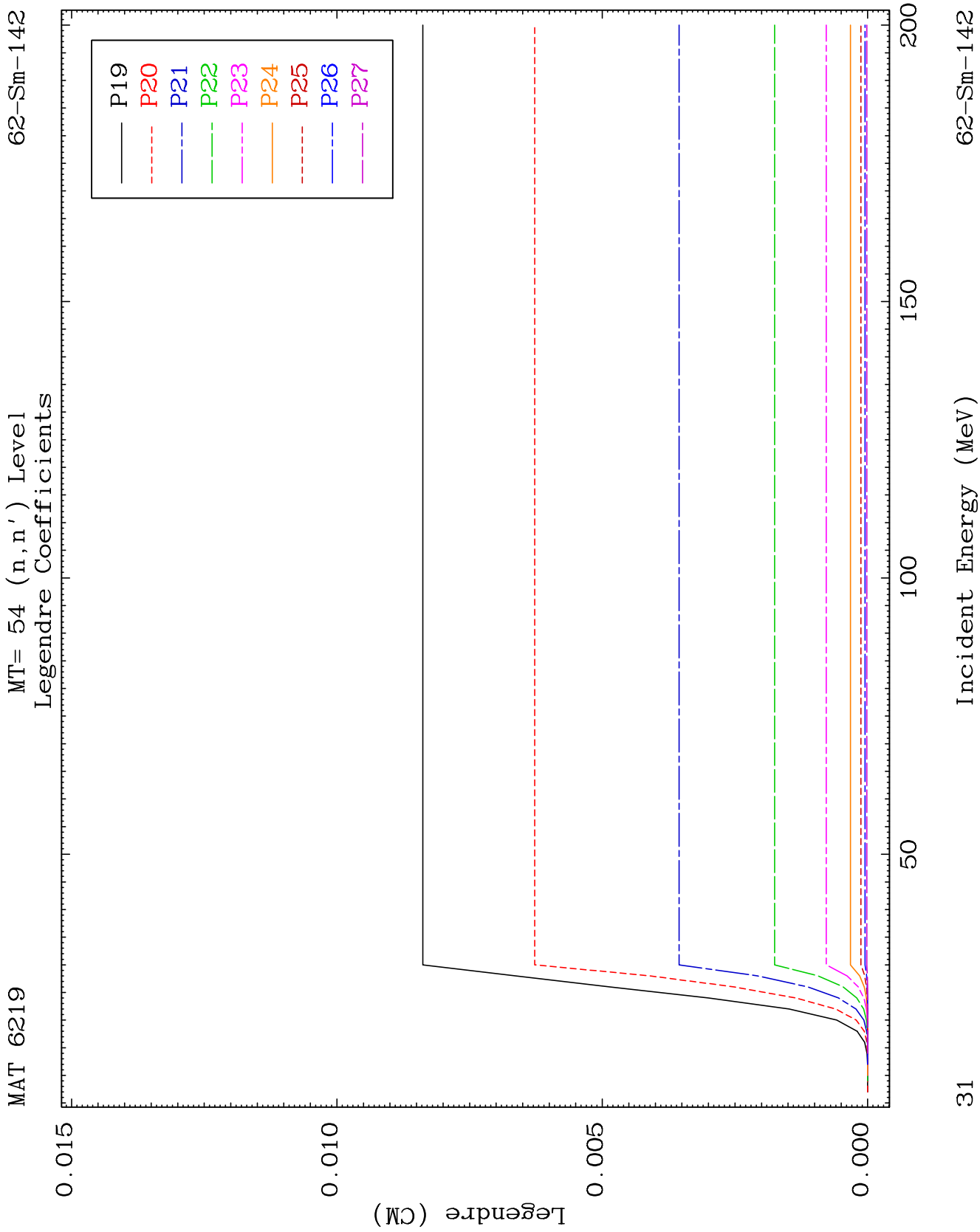


MAT 6219

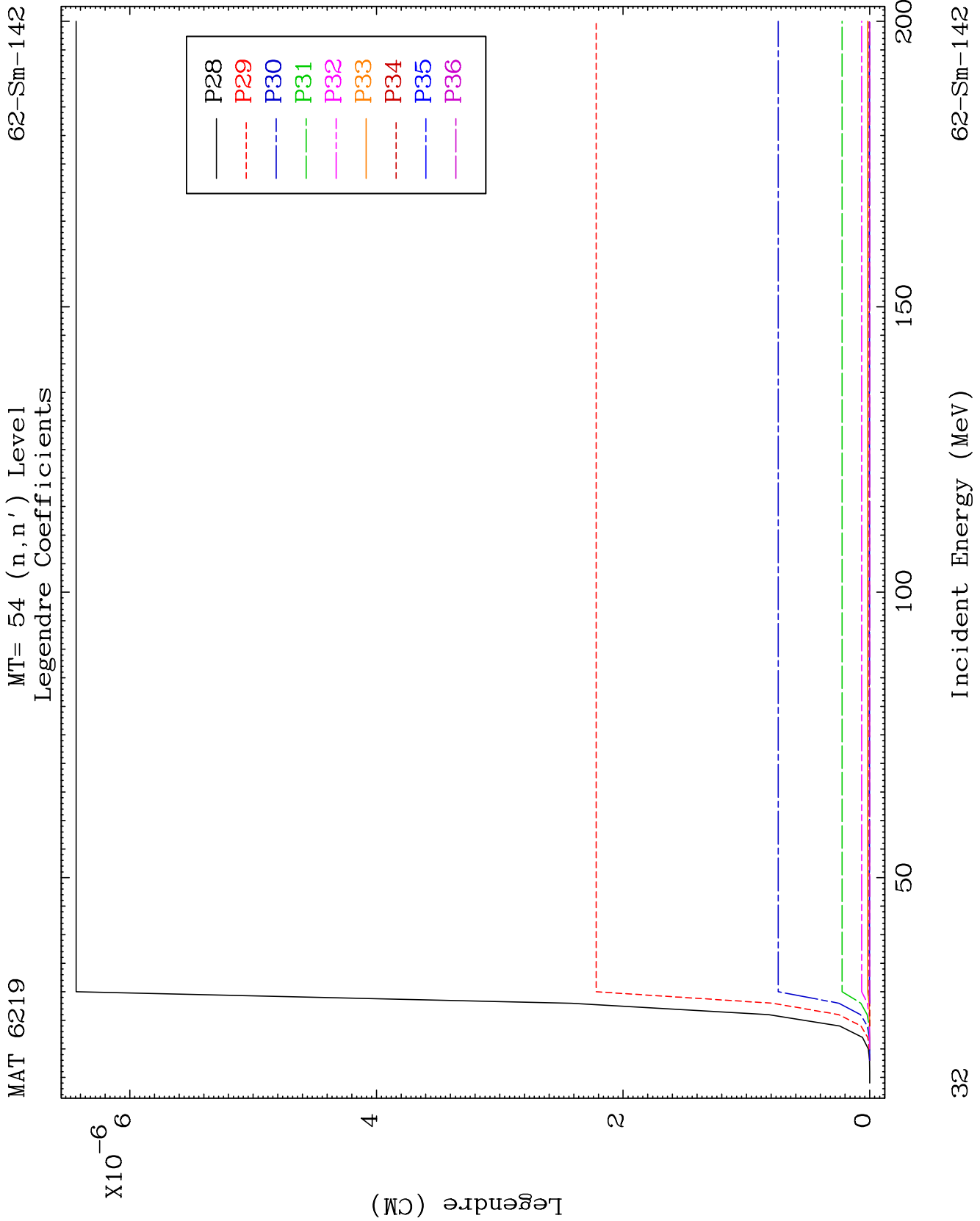
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Legendre Coefficients

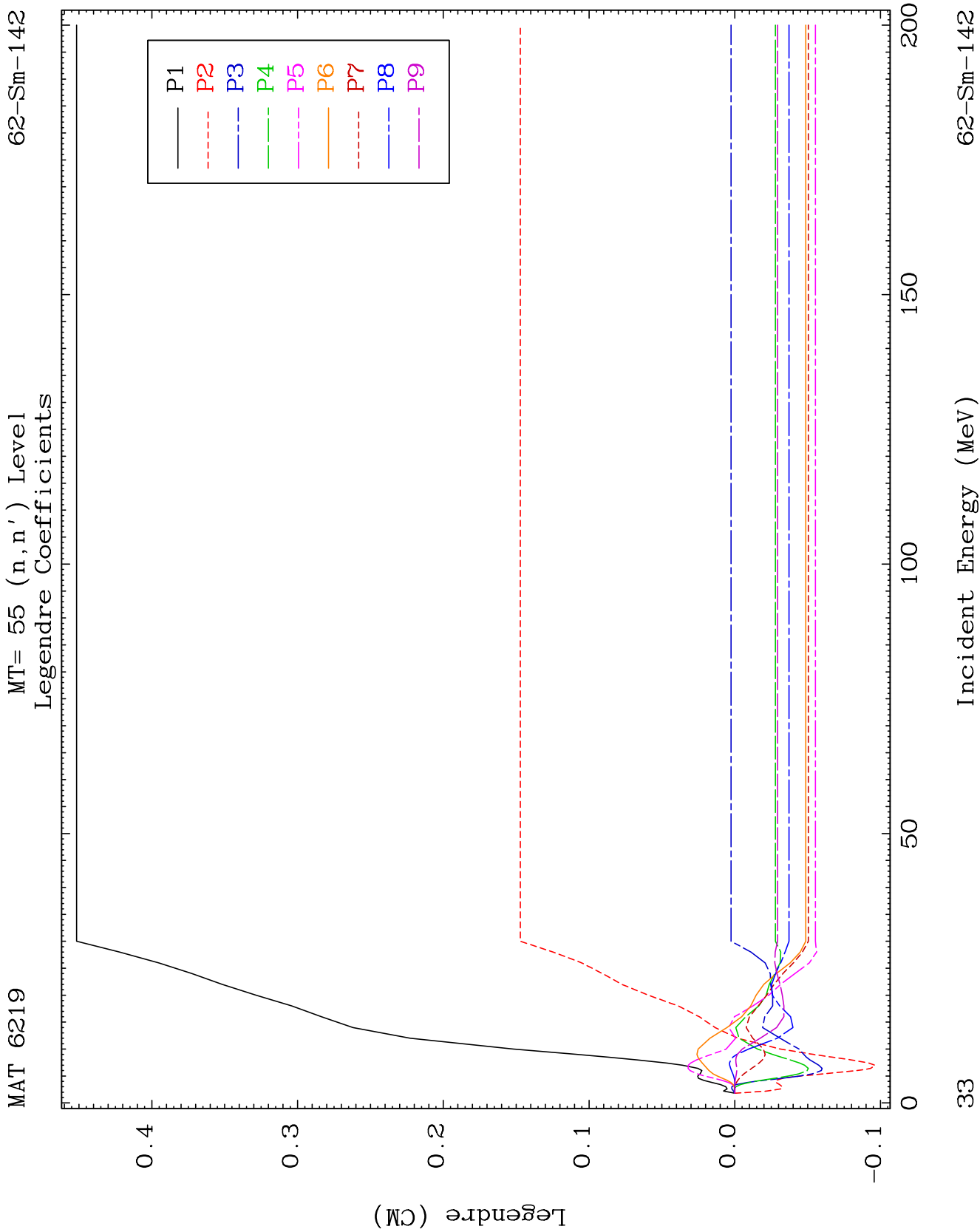
62-Sm-142







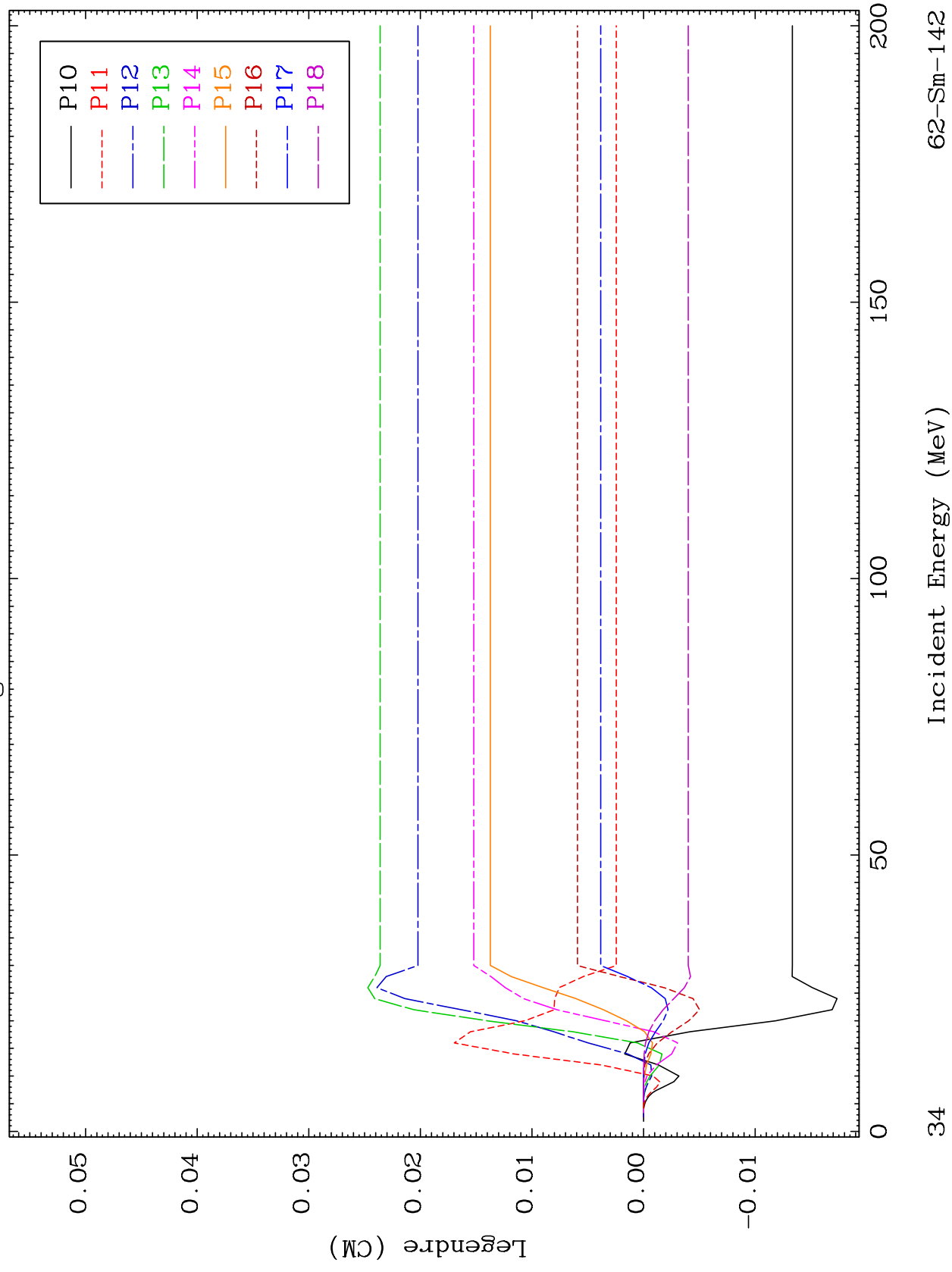


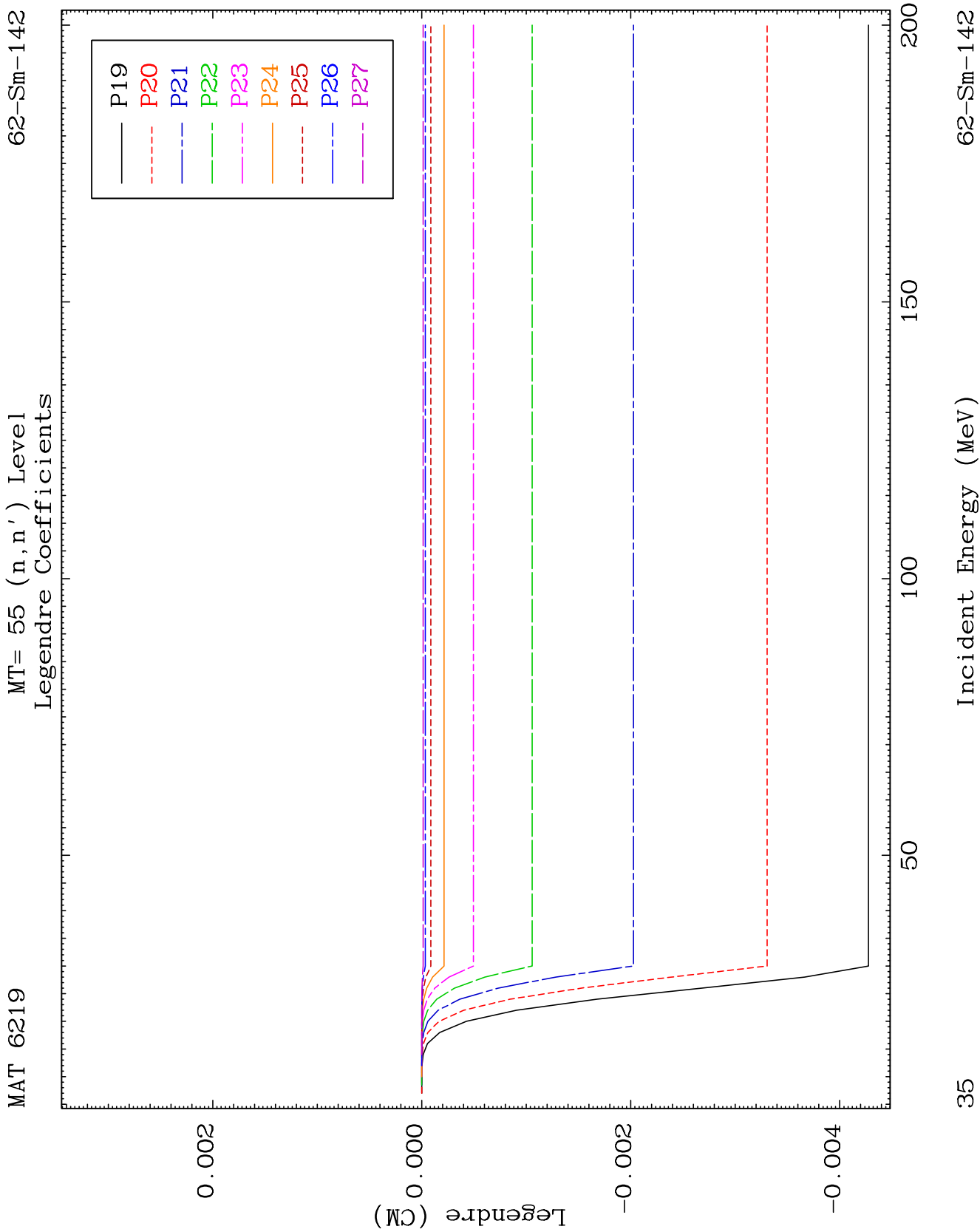


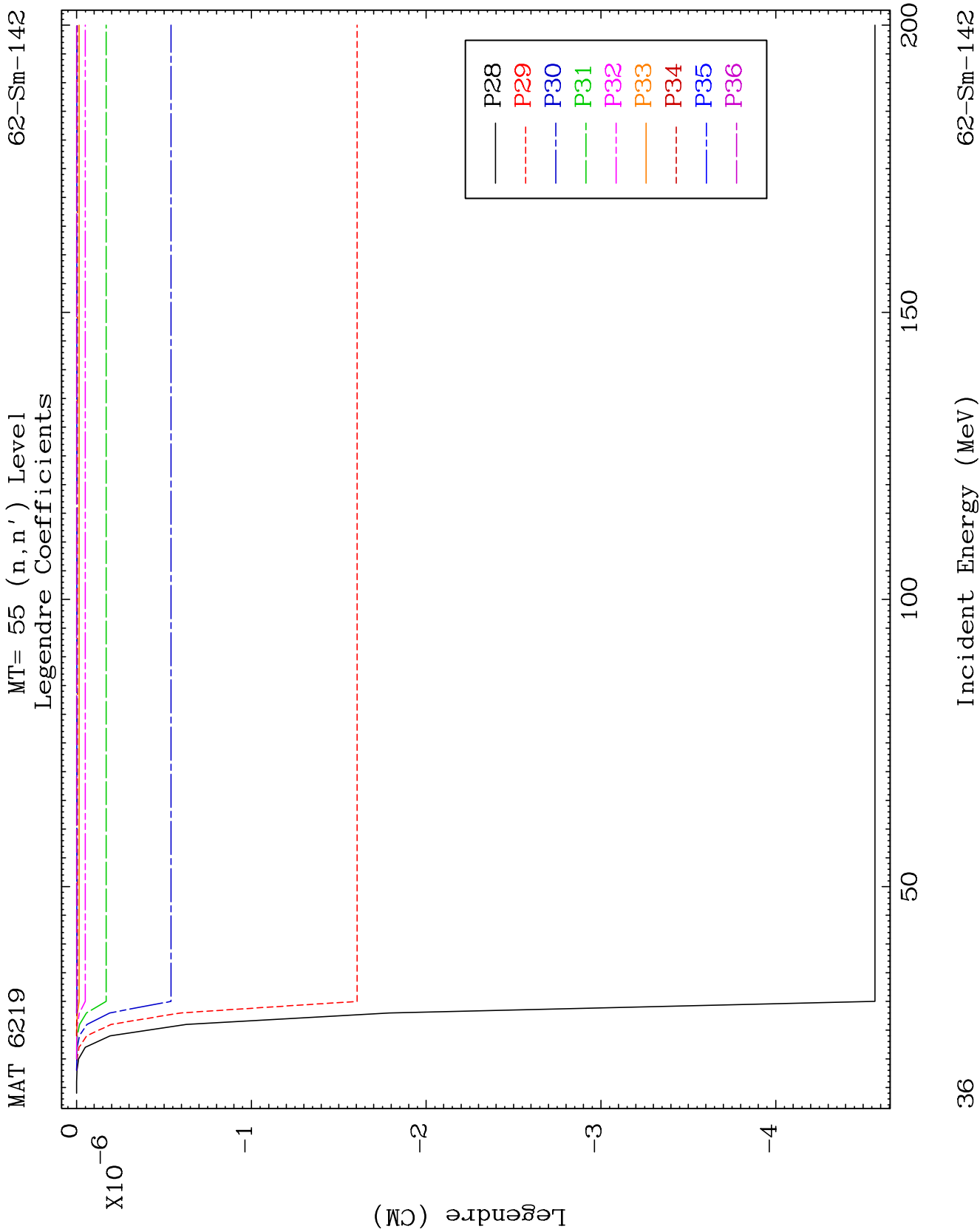
MAT 6219

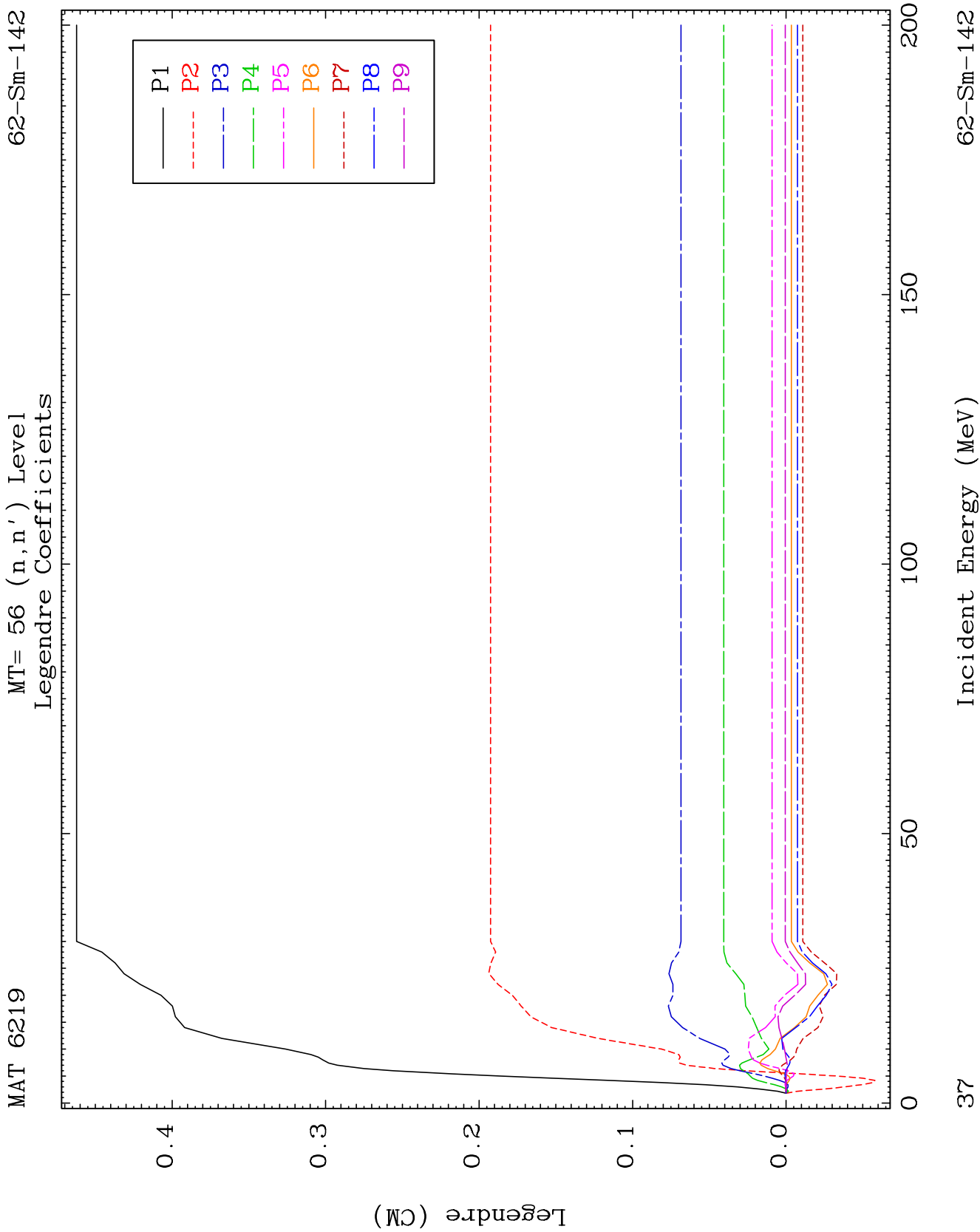
MT= 55 (n, n') Level  
Legendre Coefficients

62-Sm-142





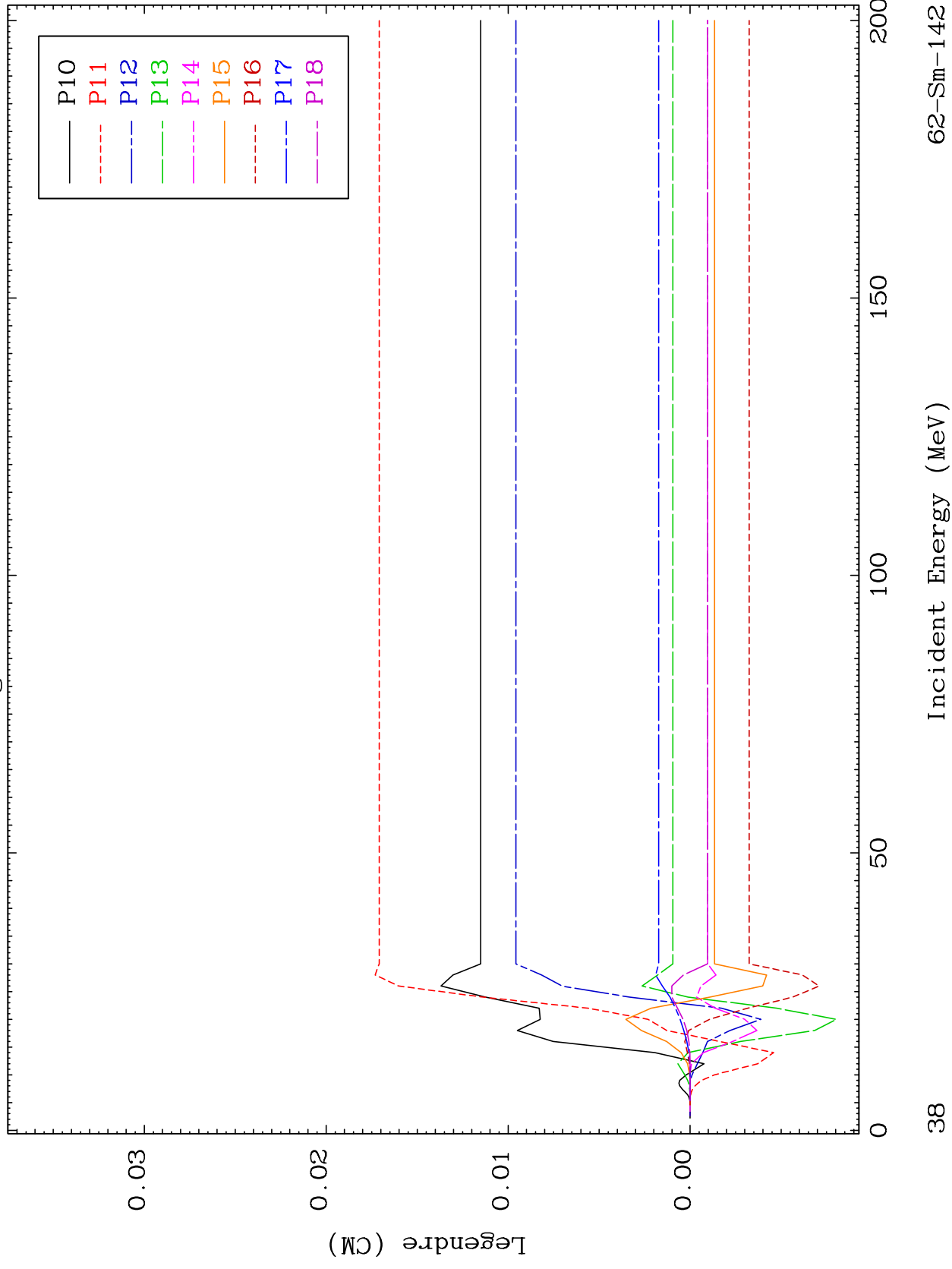


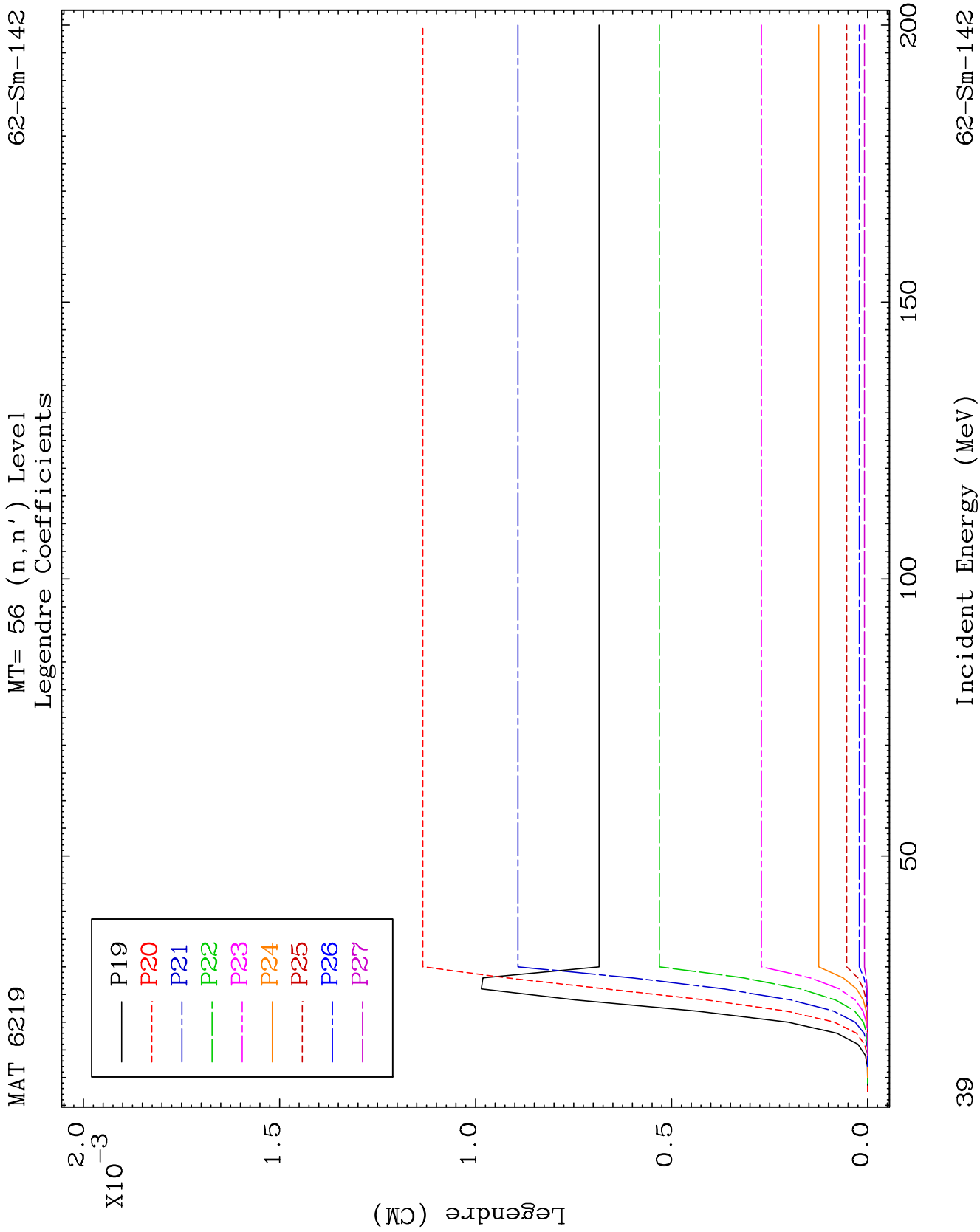


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MT= 56 (n, n') Level  
Legendre Coefficients

62-Sm-142



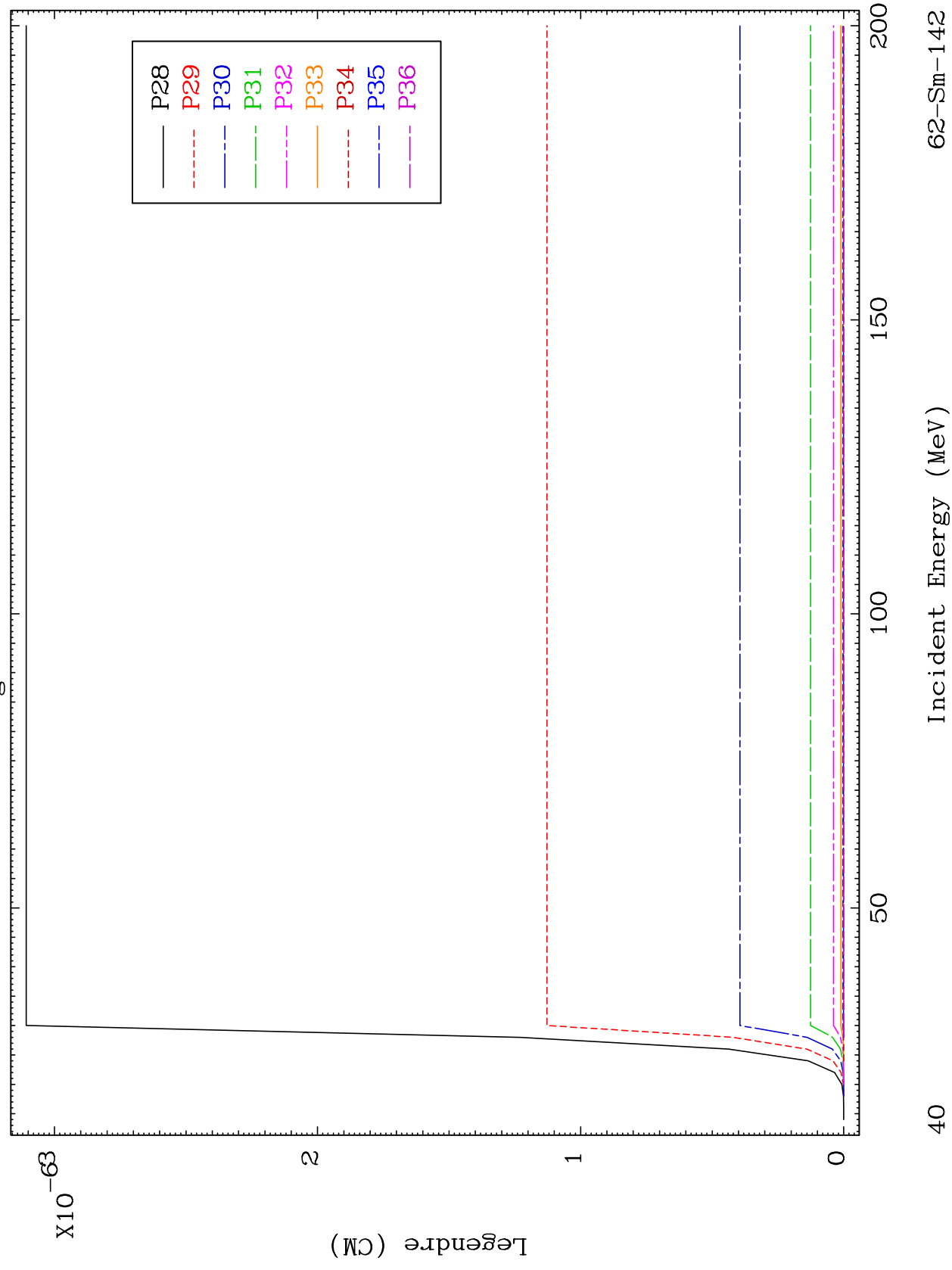


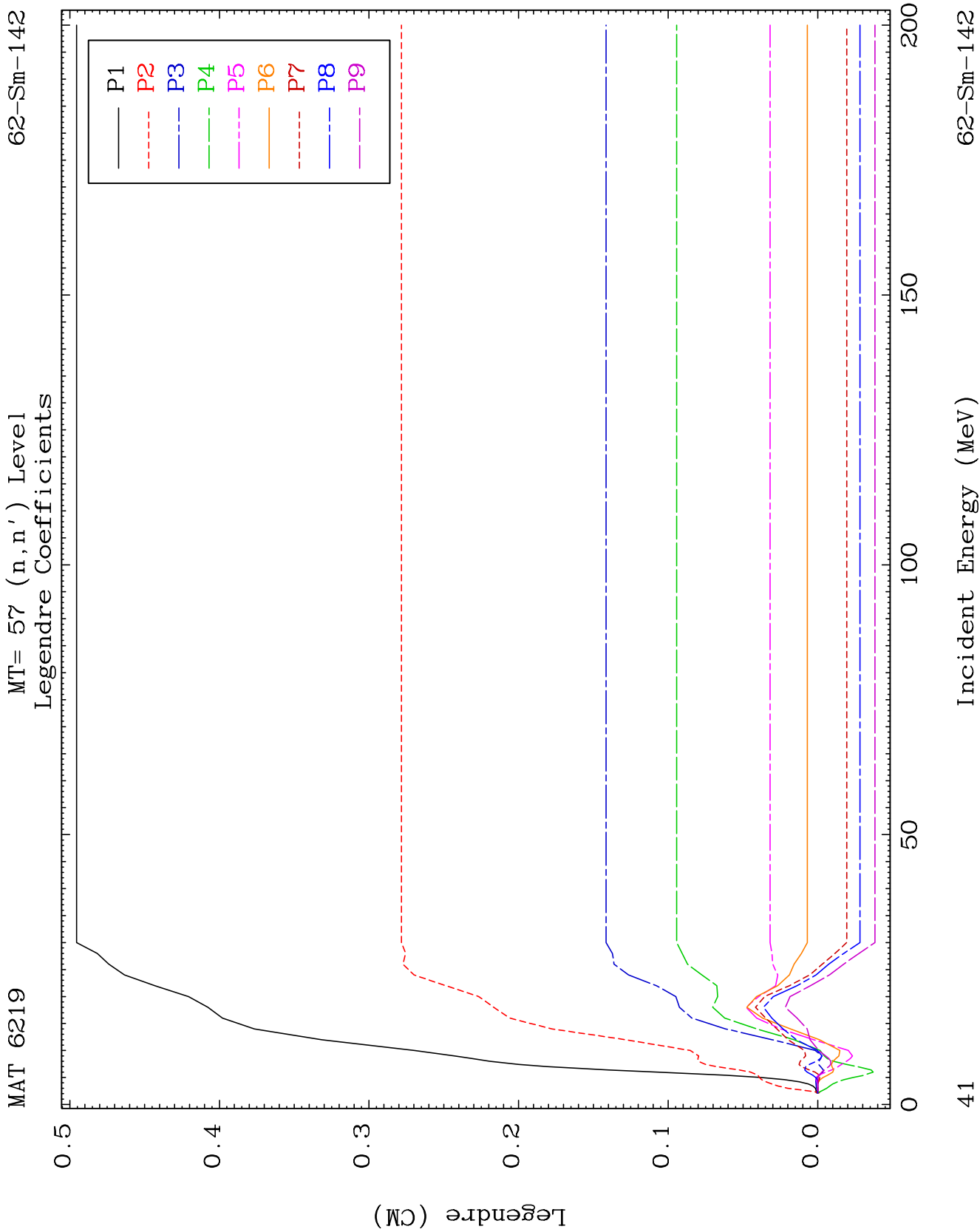


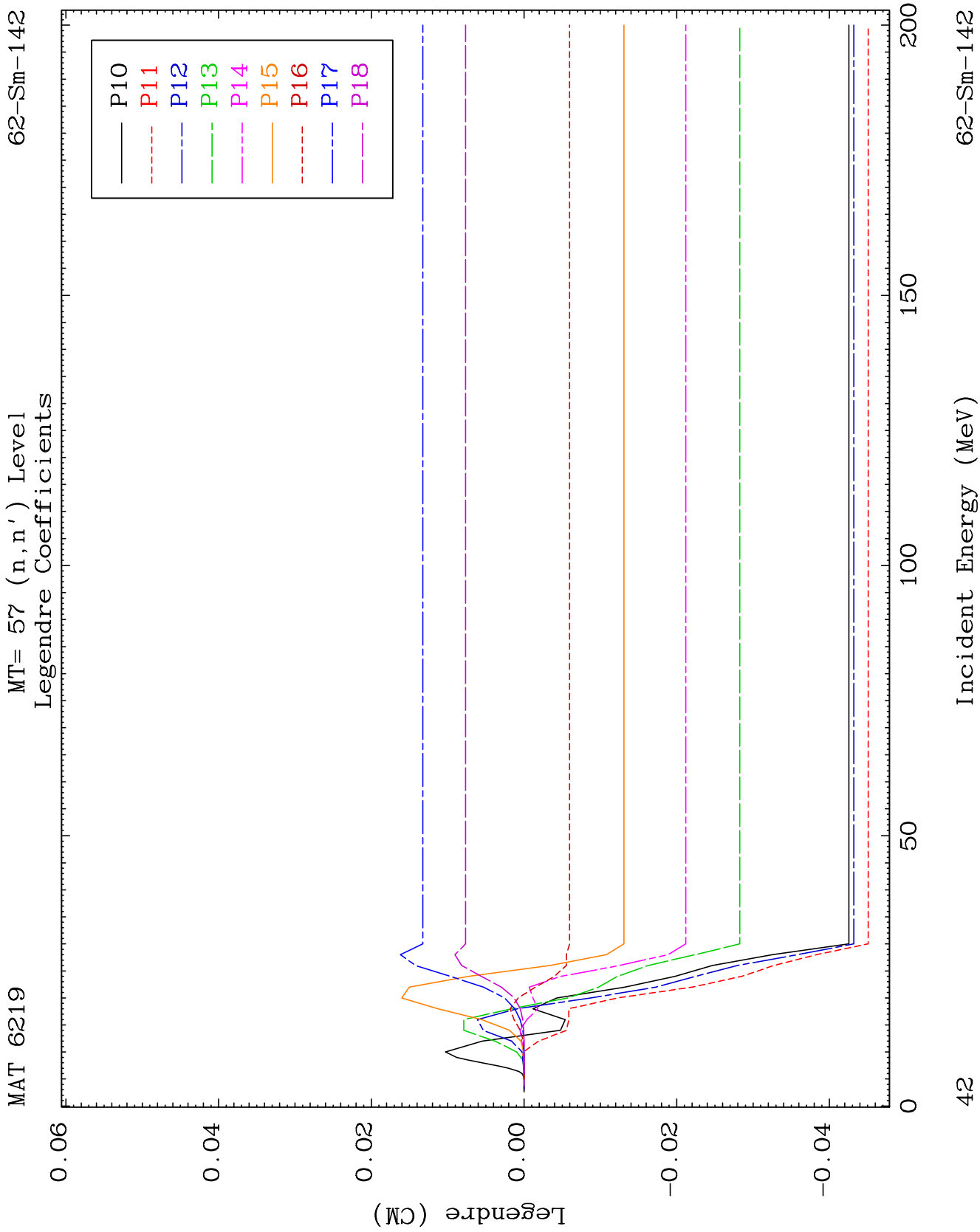
MAT 6219

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

62-Sm-142



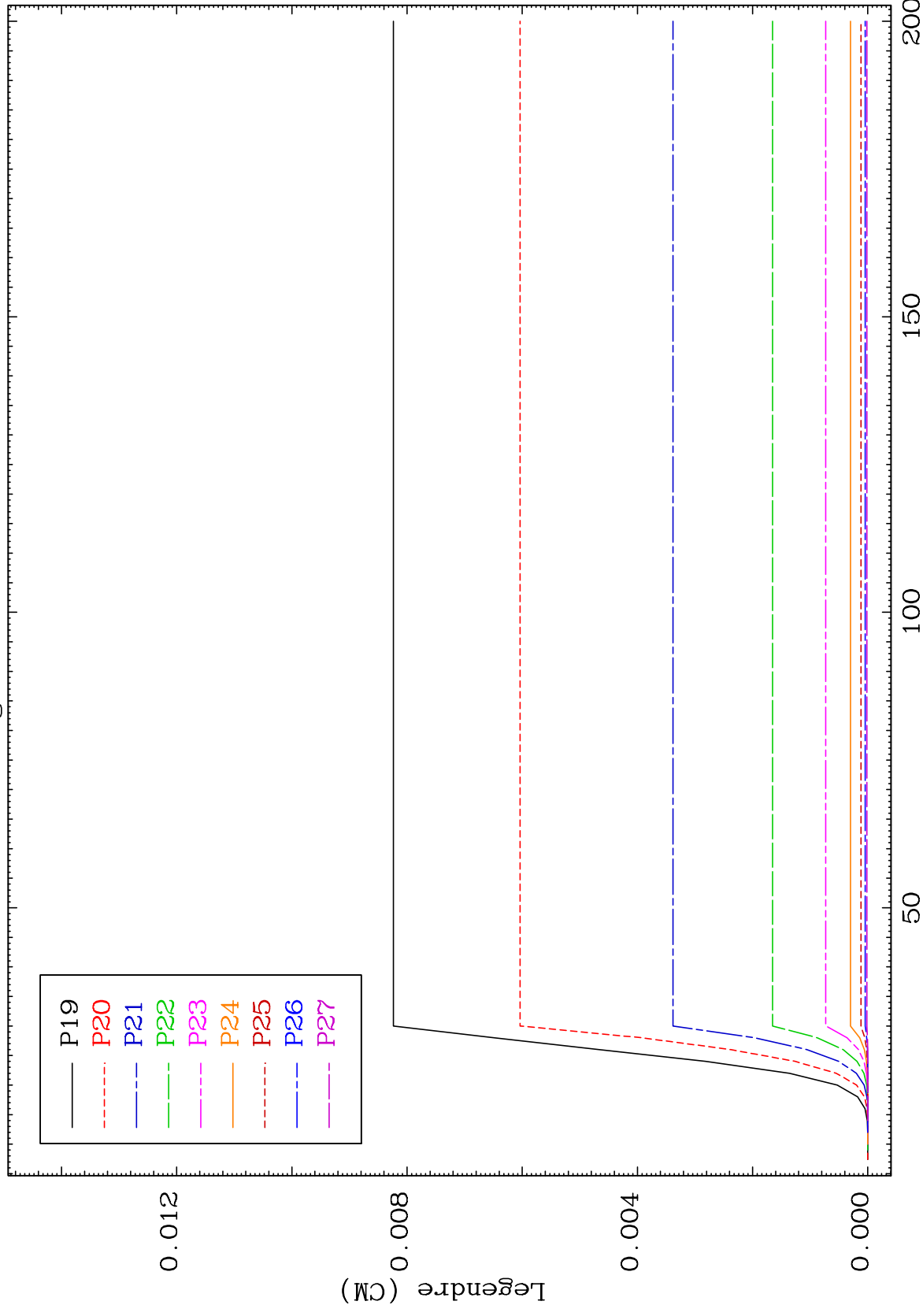




MAT 6219

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

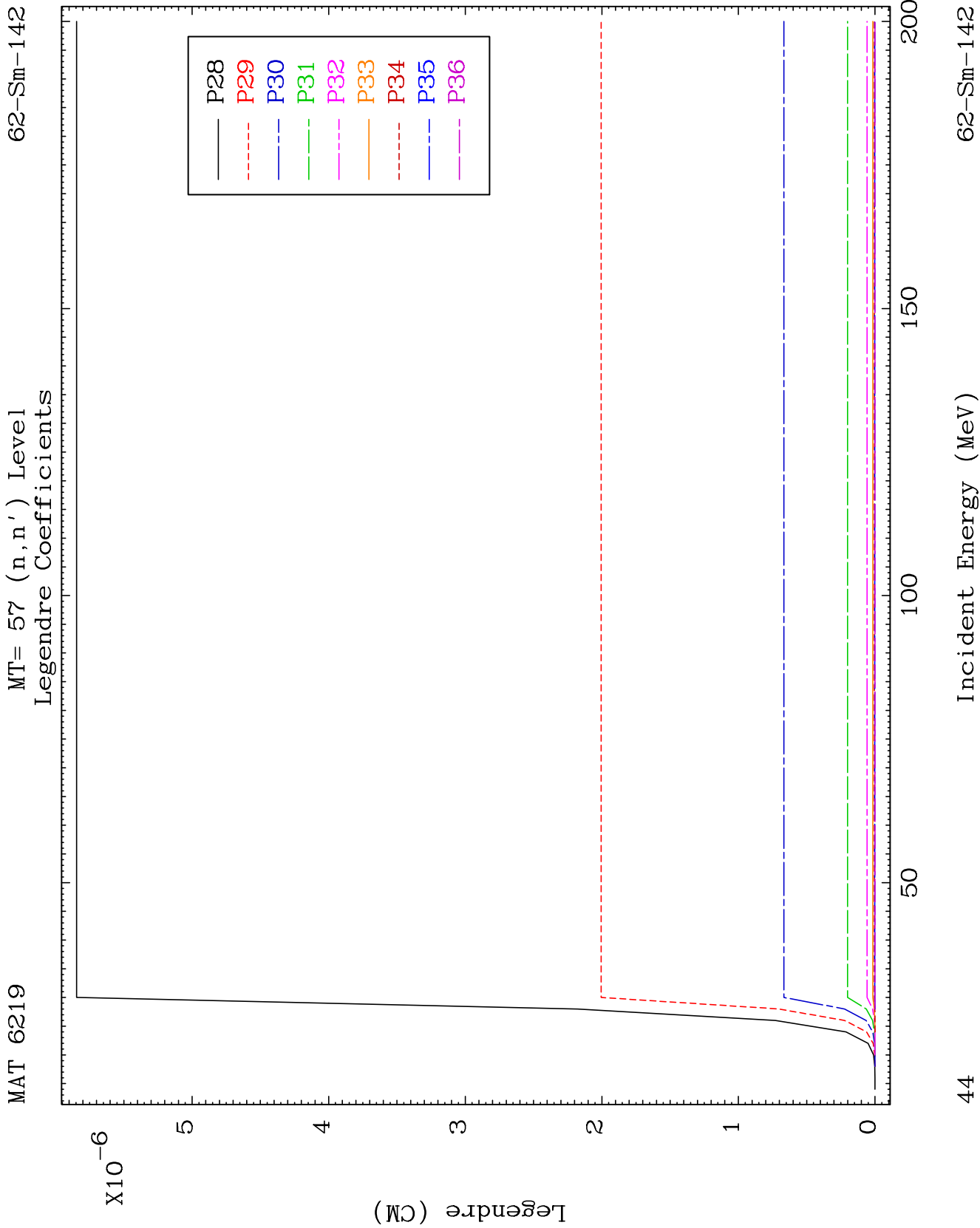
62-Sm-142

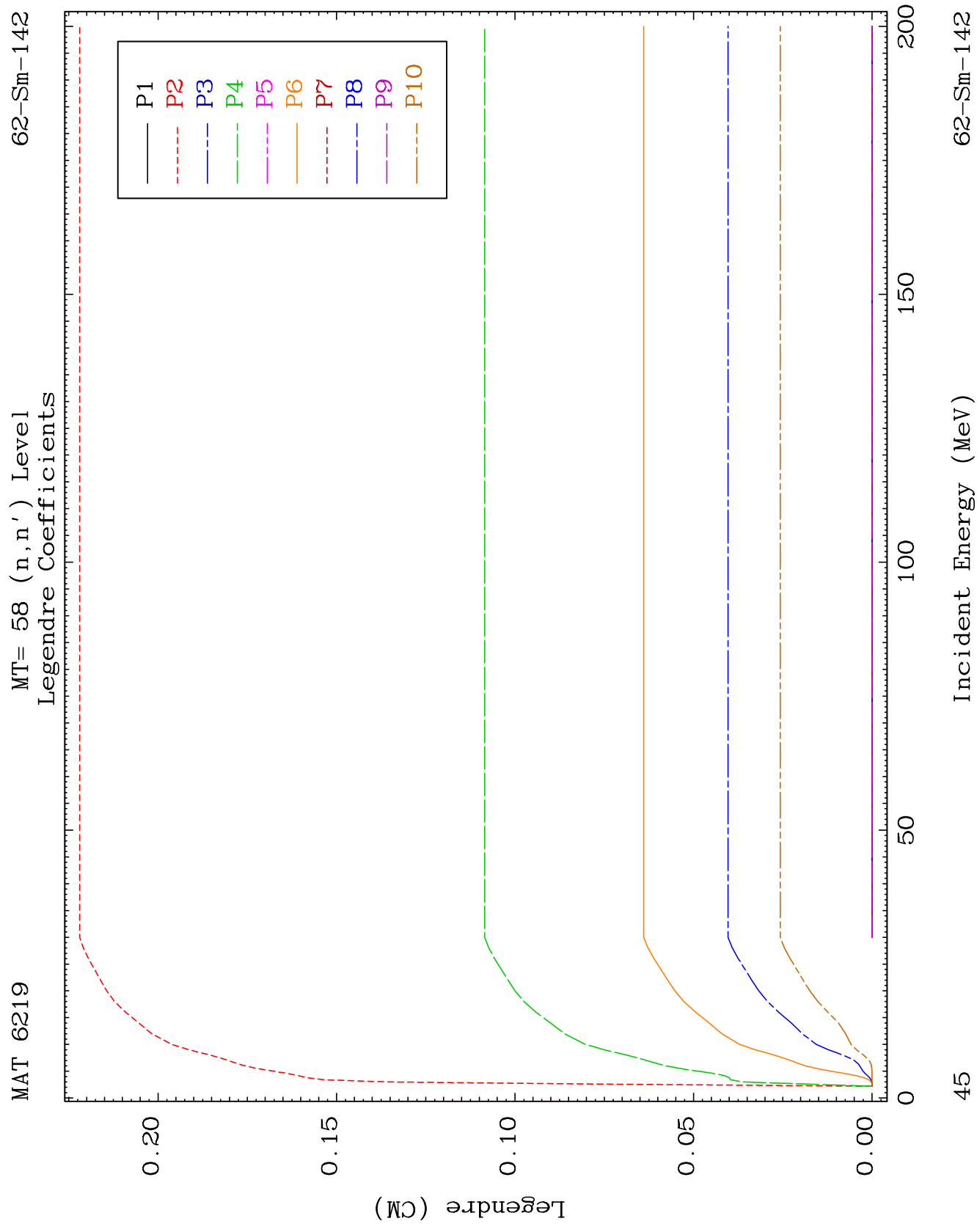


43

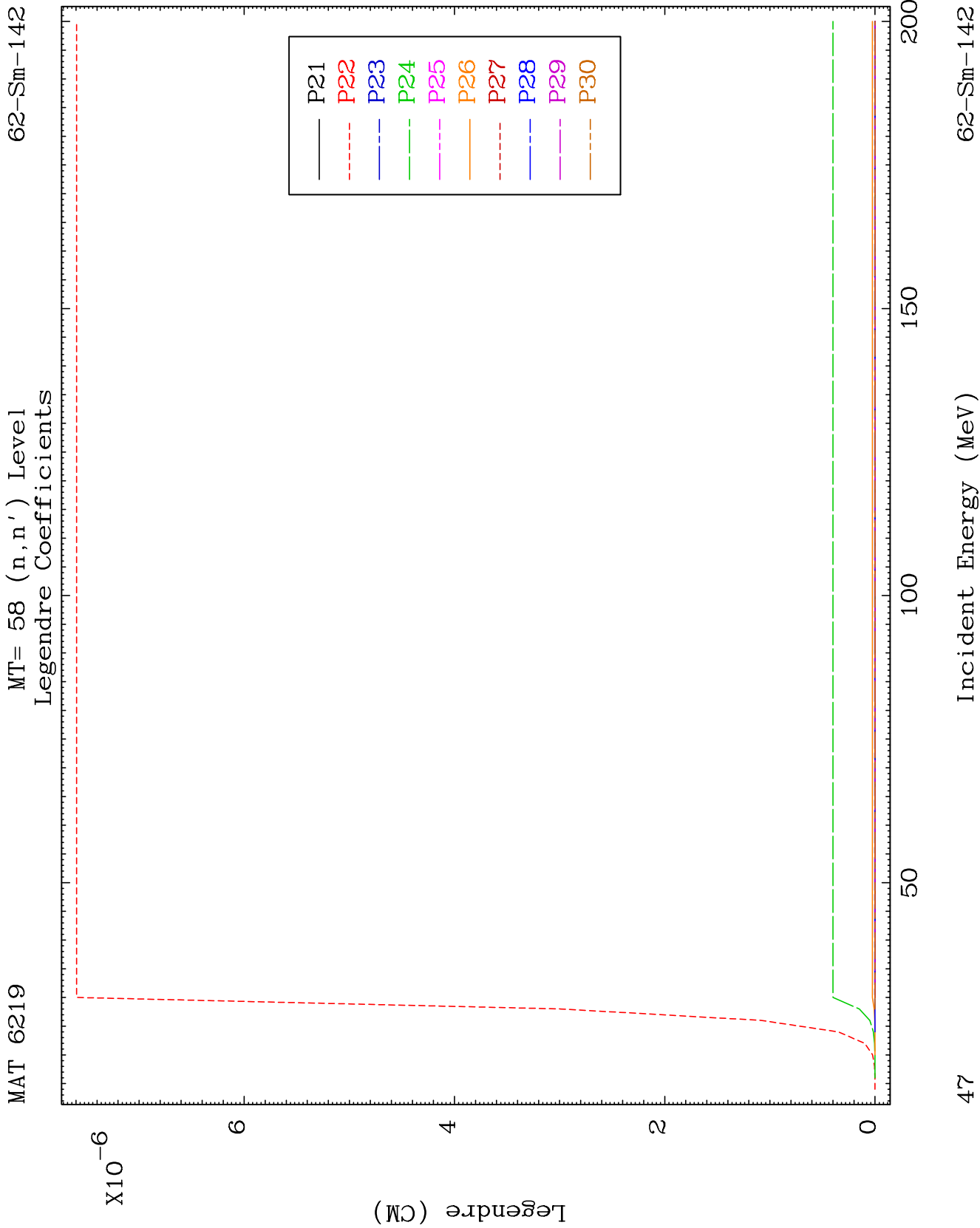
Incident Energy (MeV)

62-Sm-142

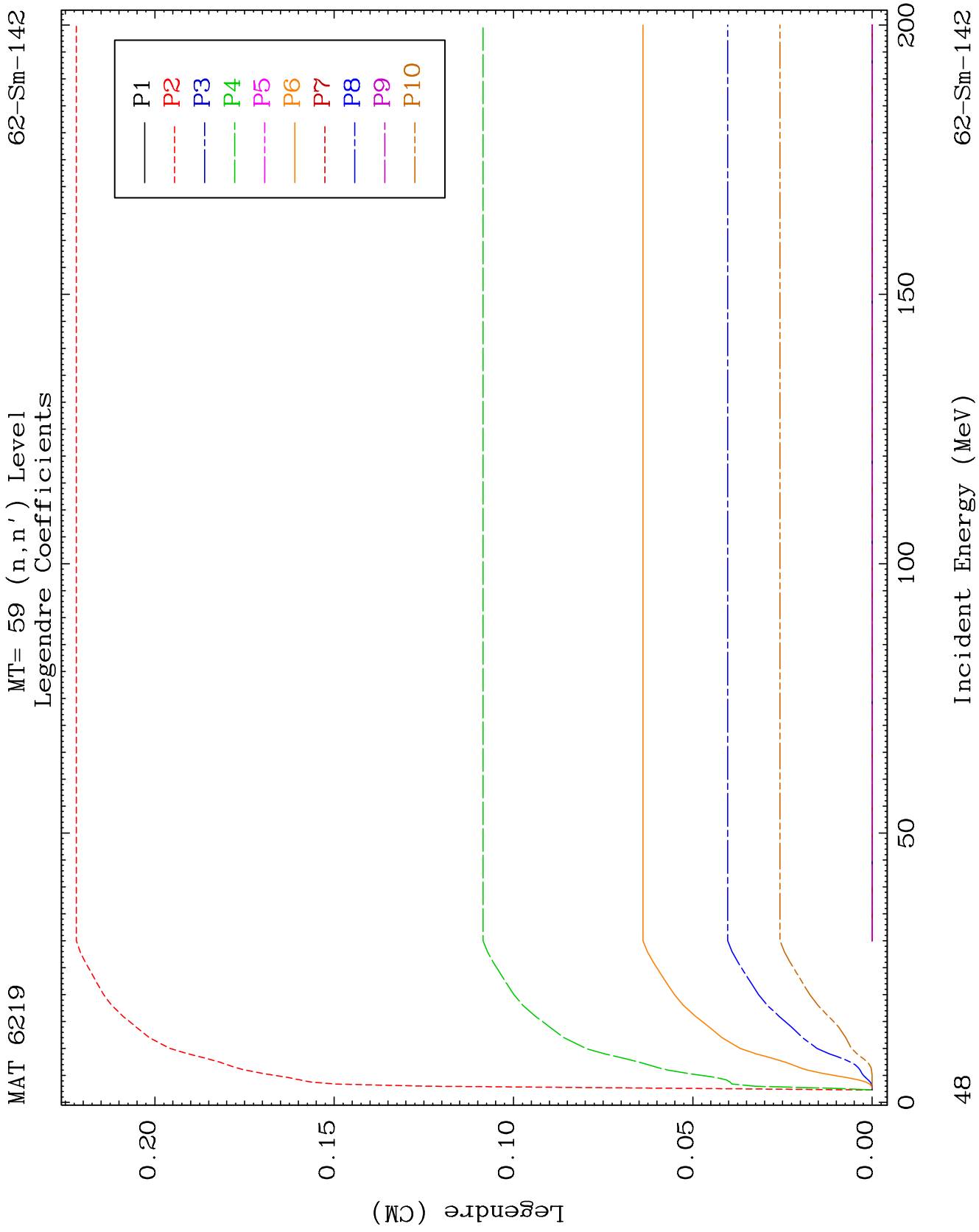




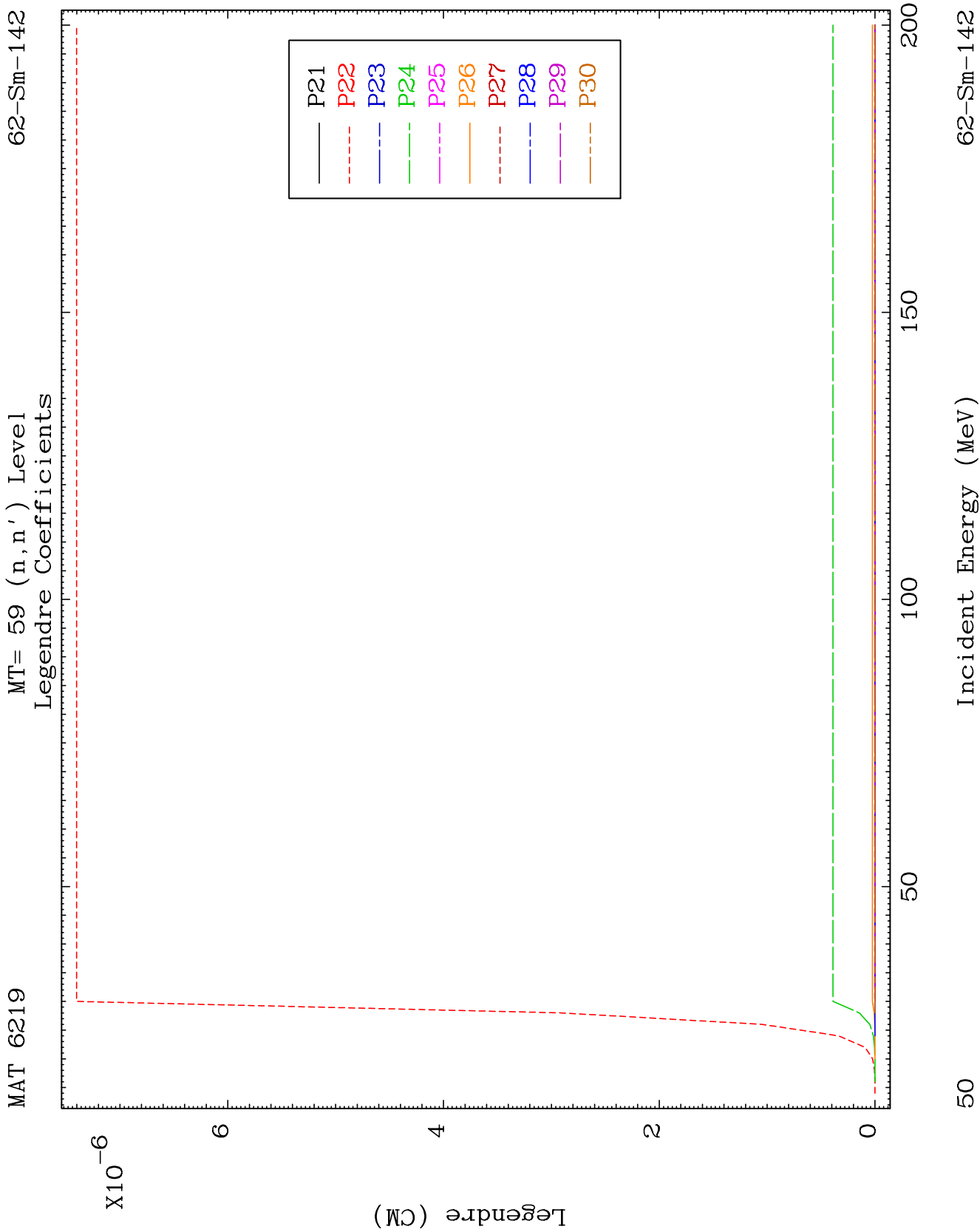








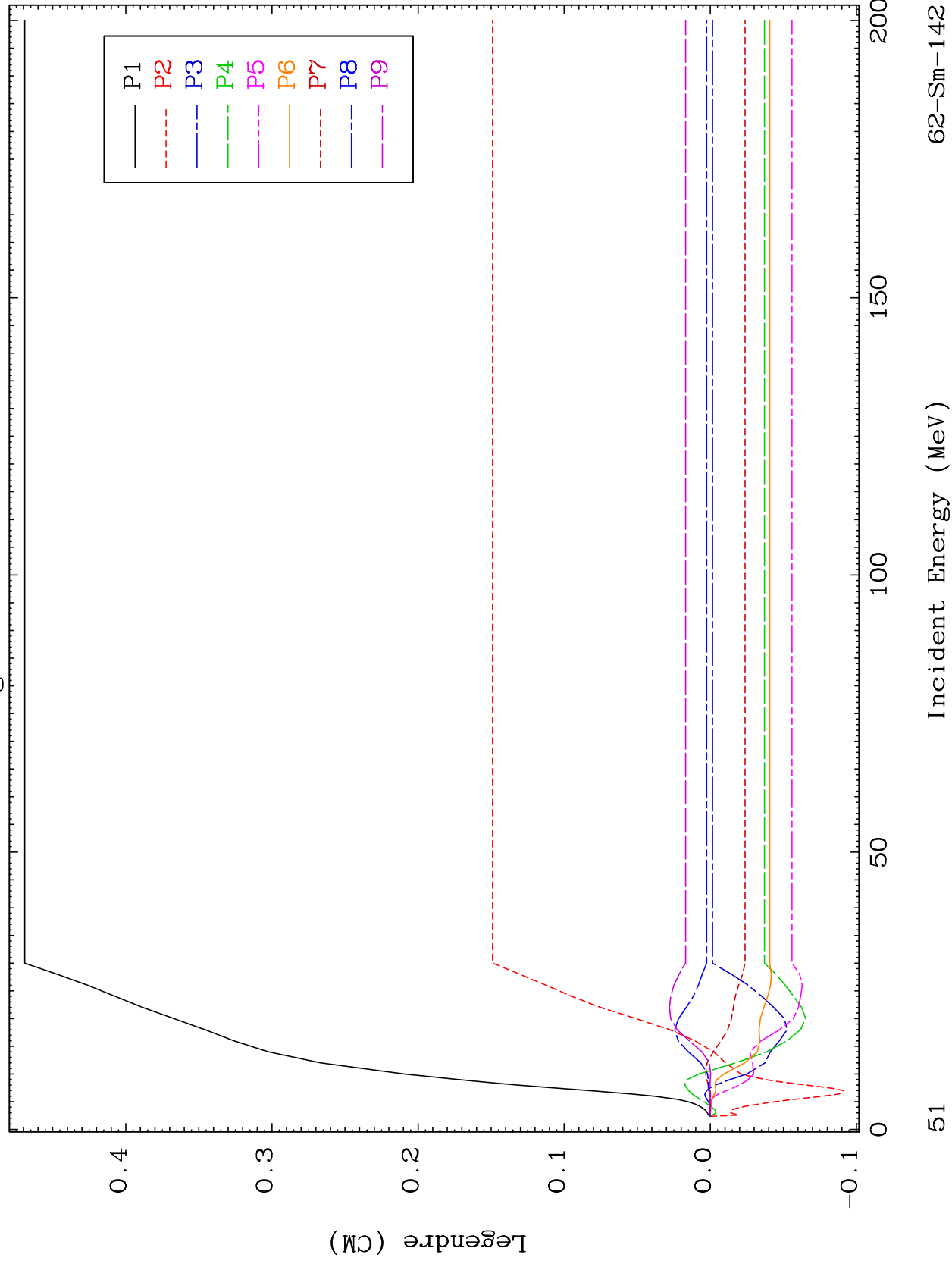




MAT 6219

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

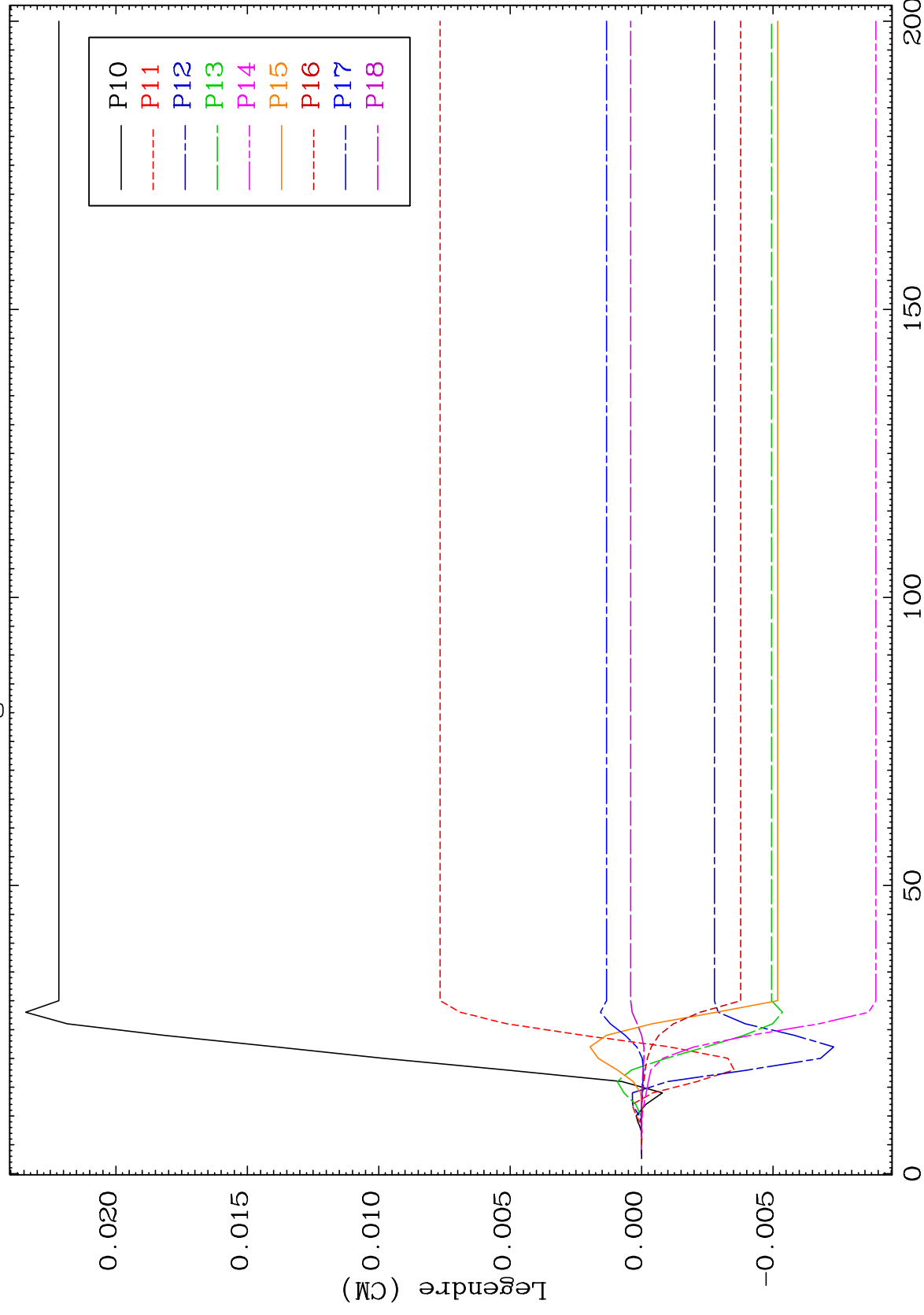
62-Sm-142



MAT 6219

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

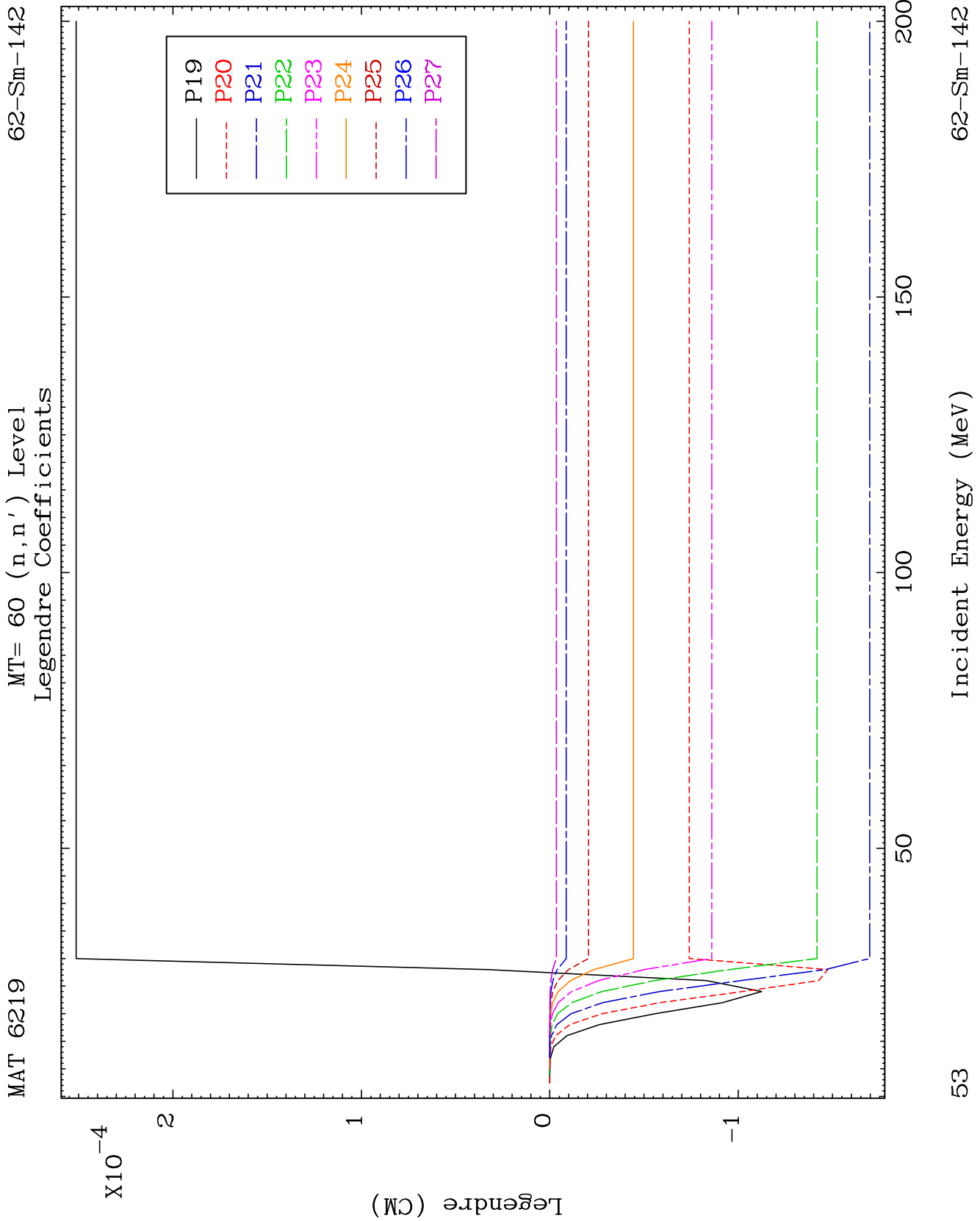
62-Sm-142

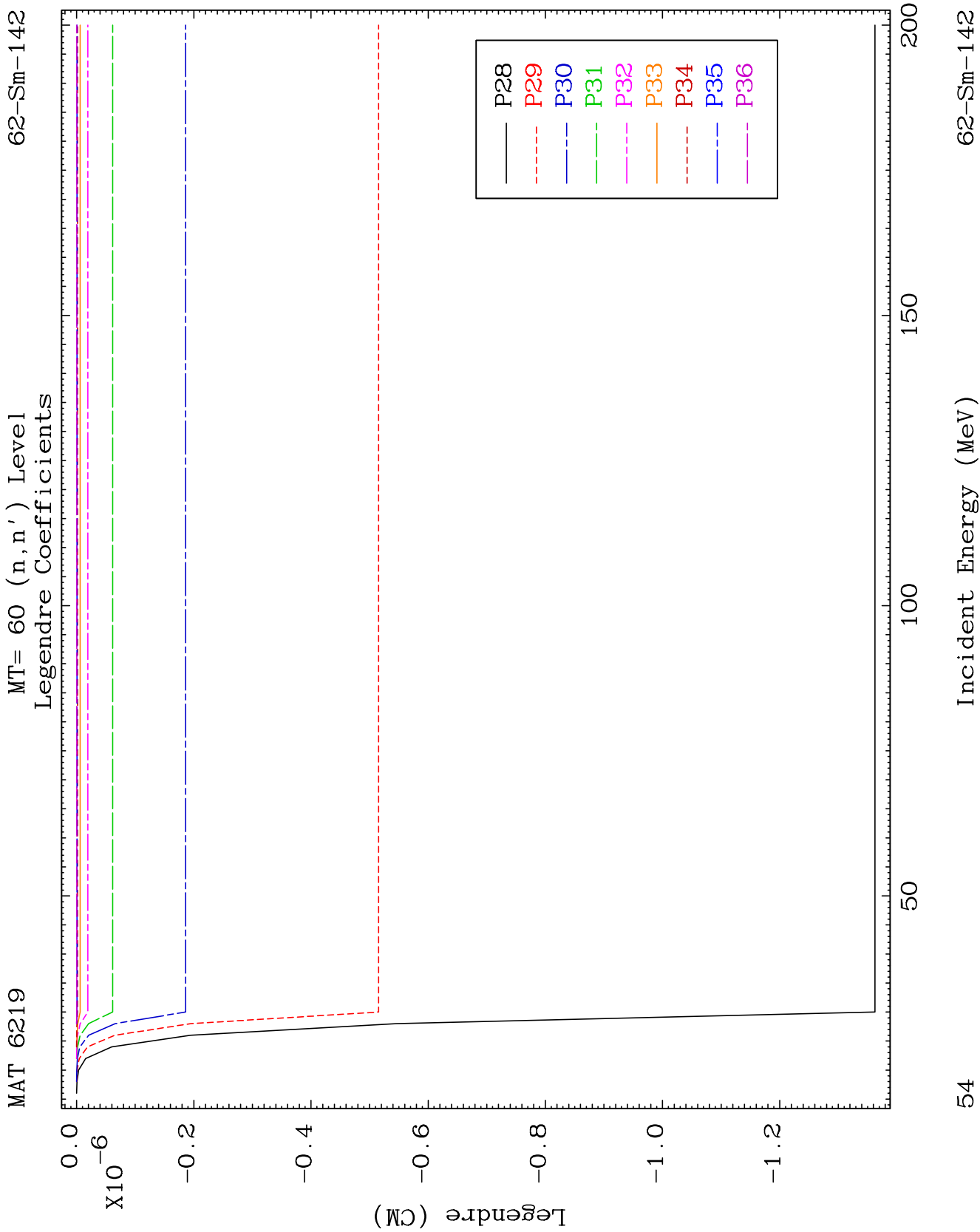


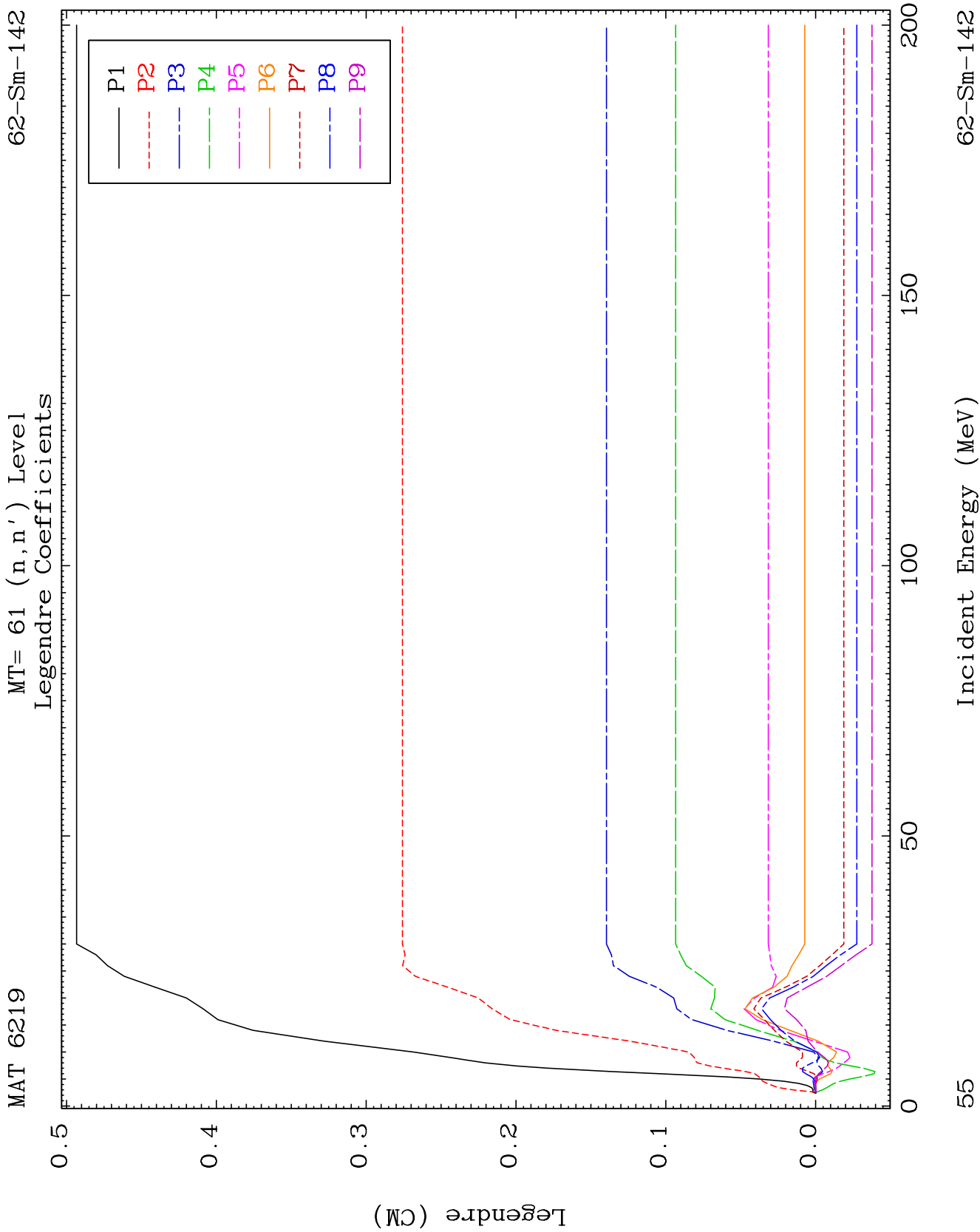
52

Incident Energy (MeV)

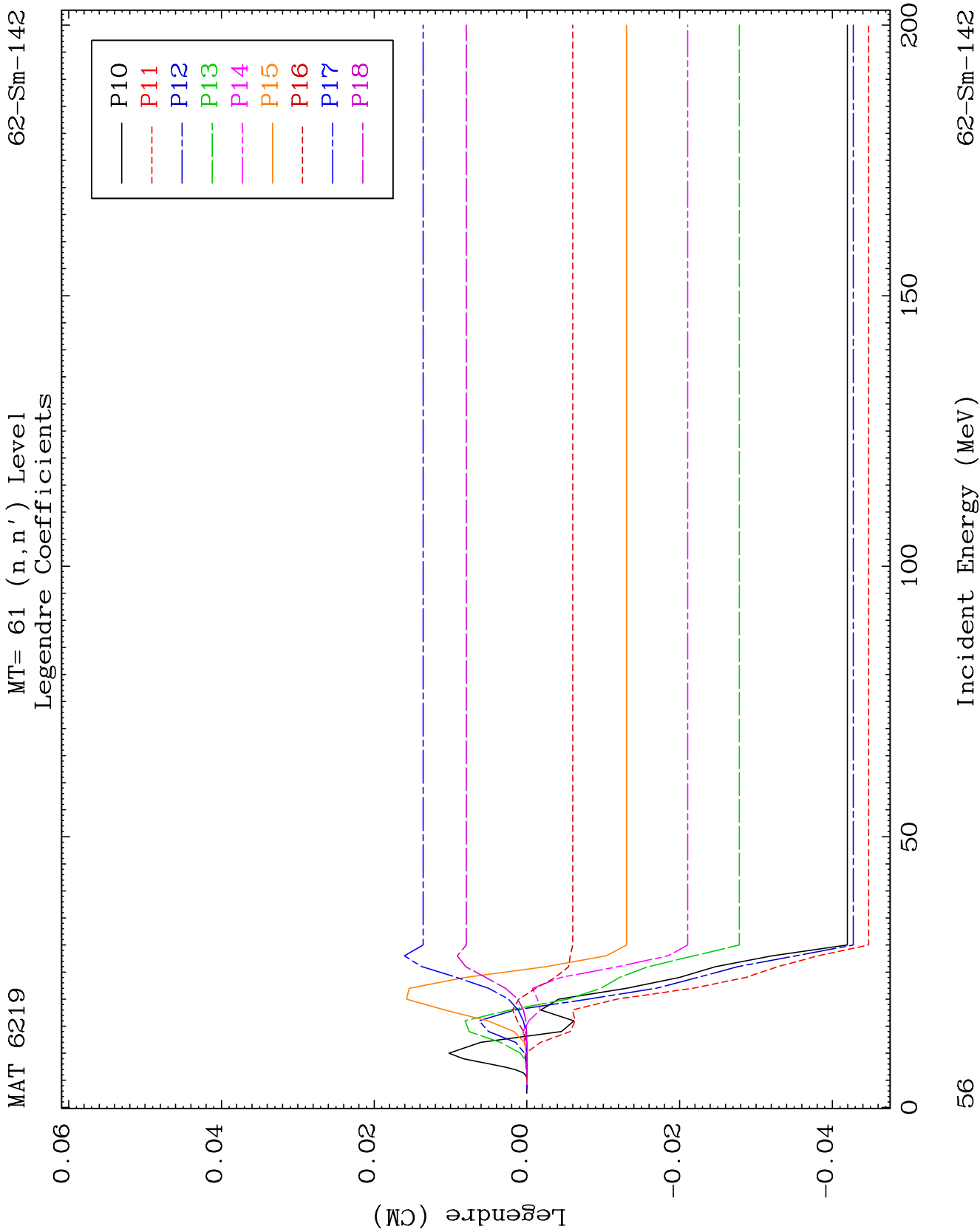
62-Sm-142







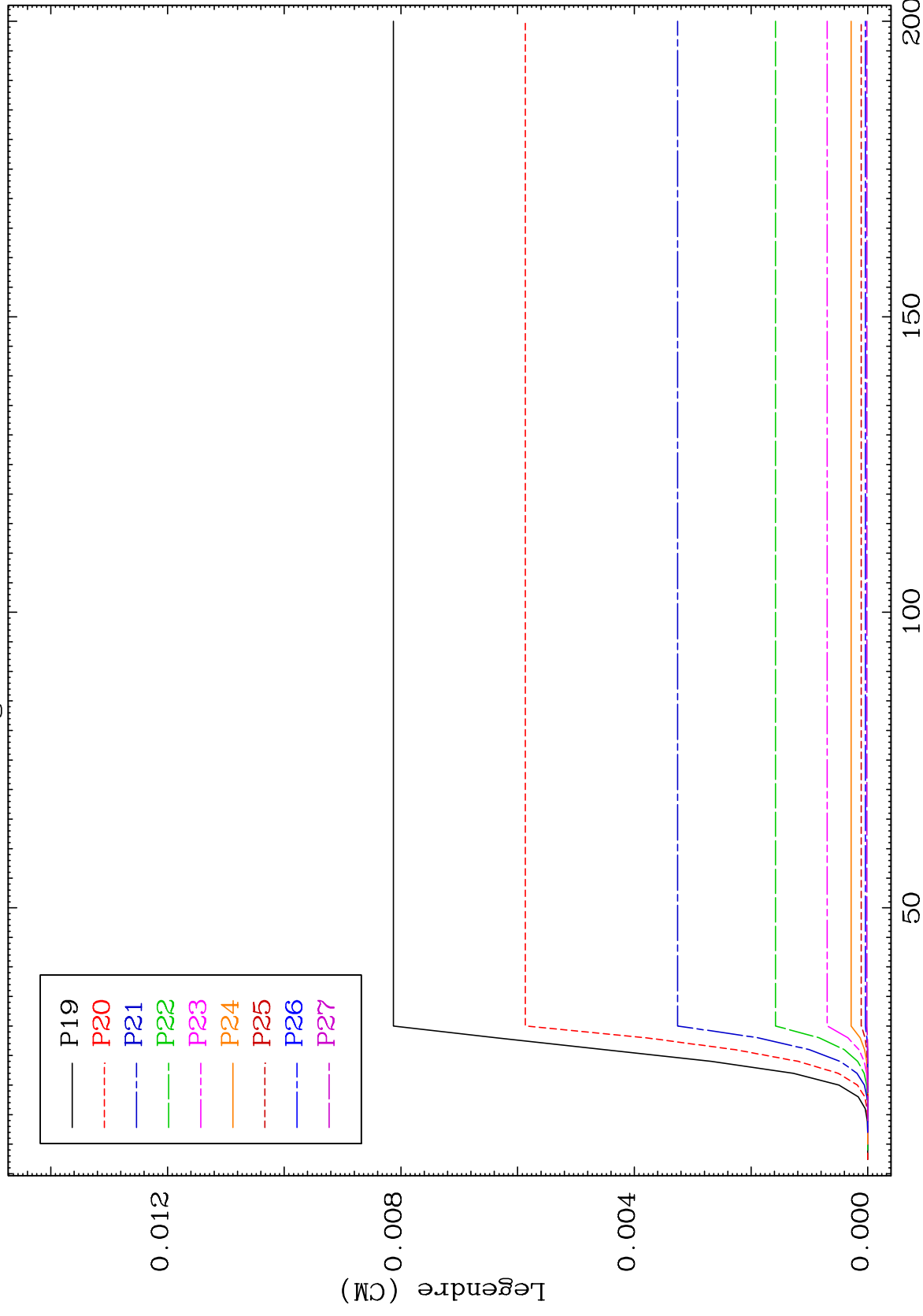




MAT 6219

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

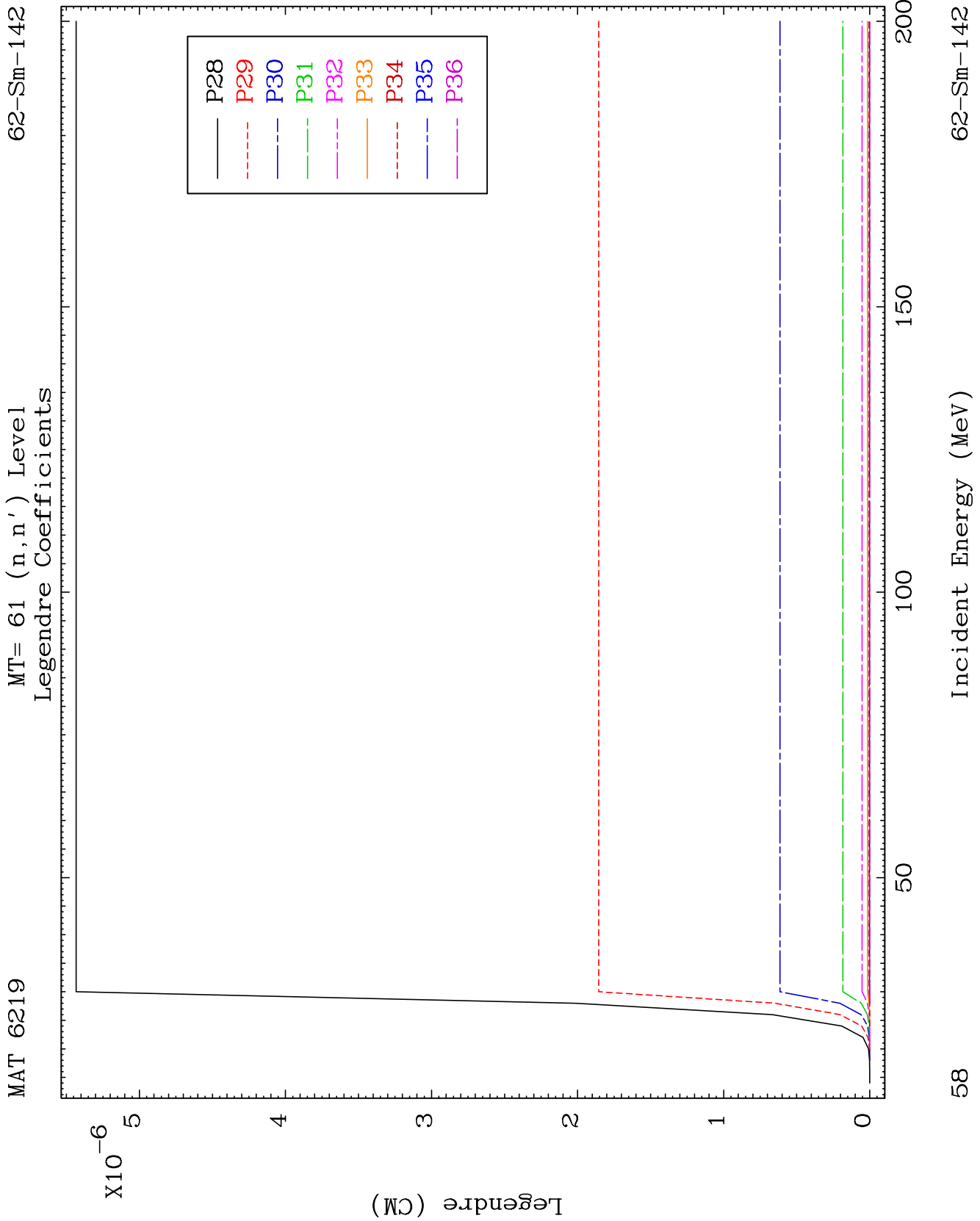
62-Sm-142



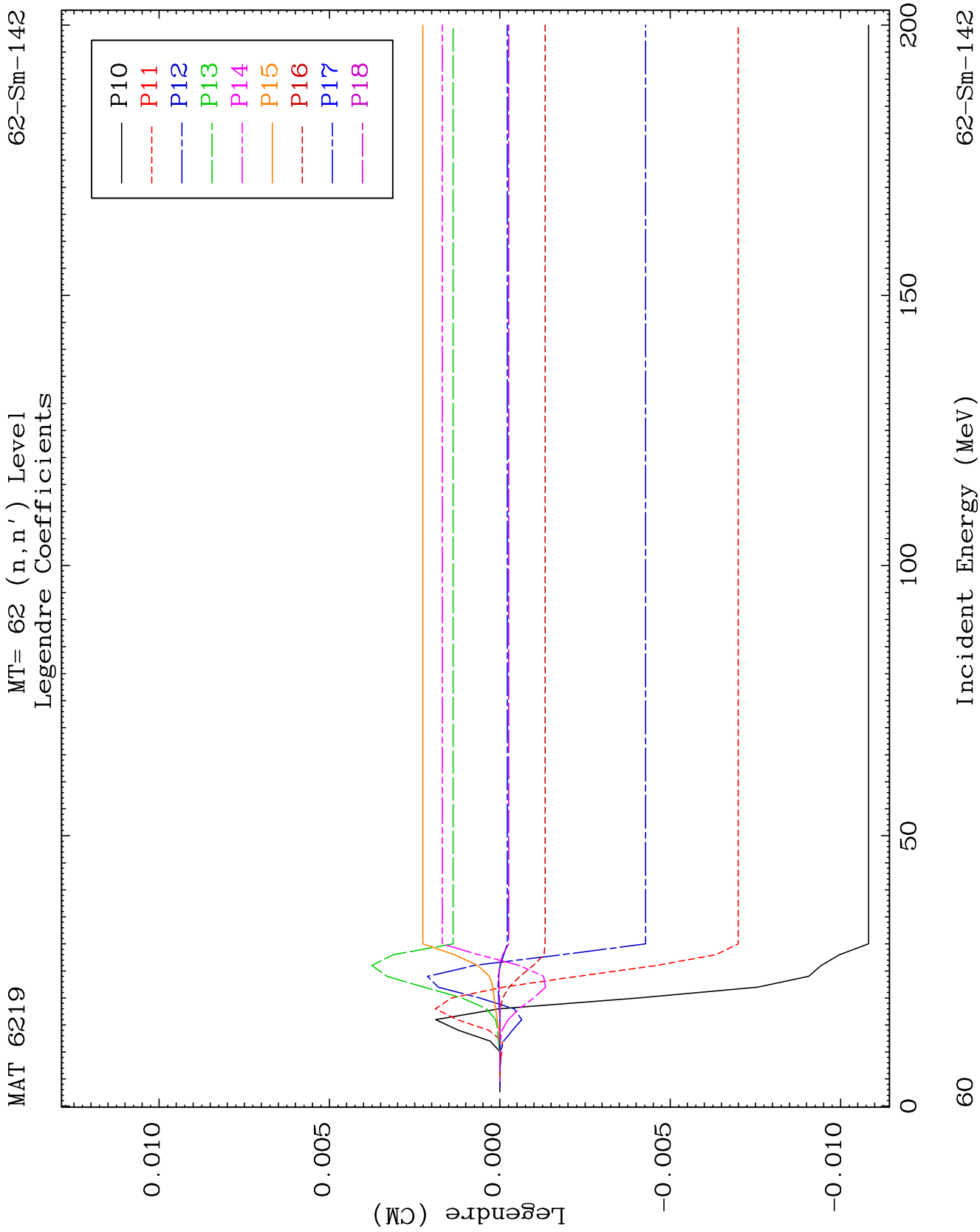
25

Incident Energy (MeV)

62-Sm-142



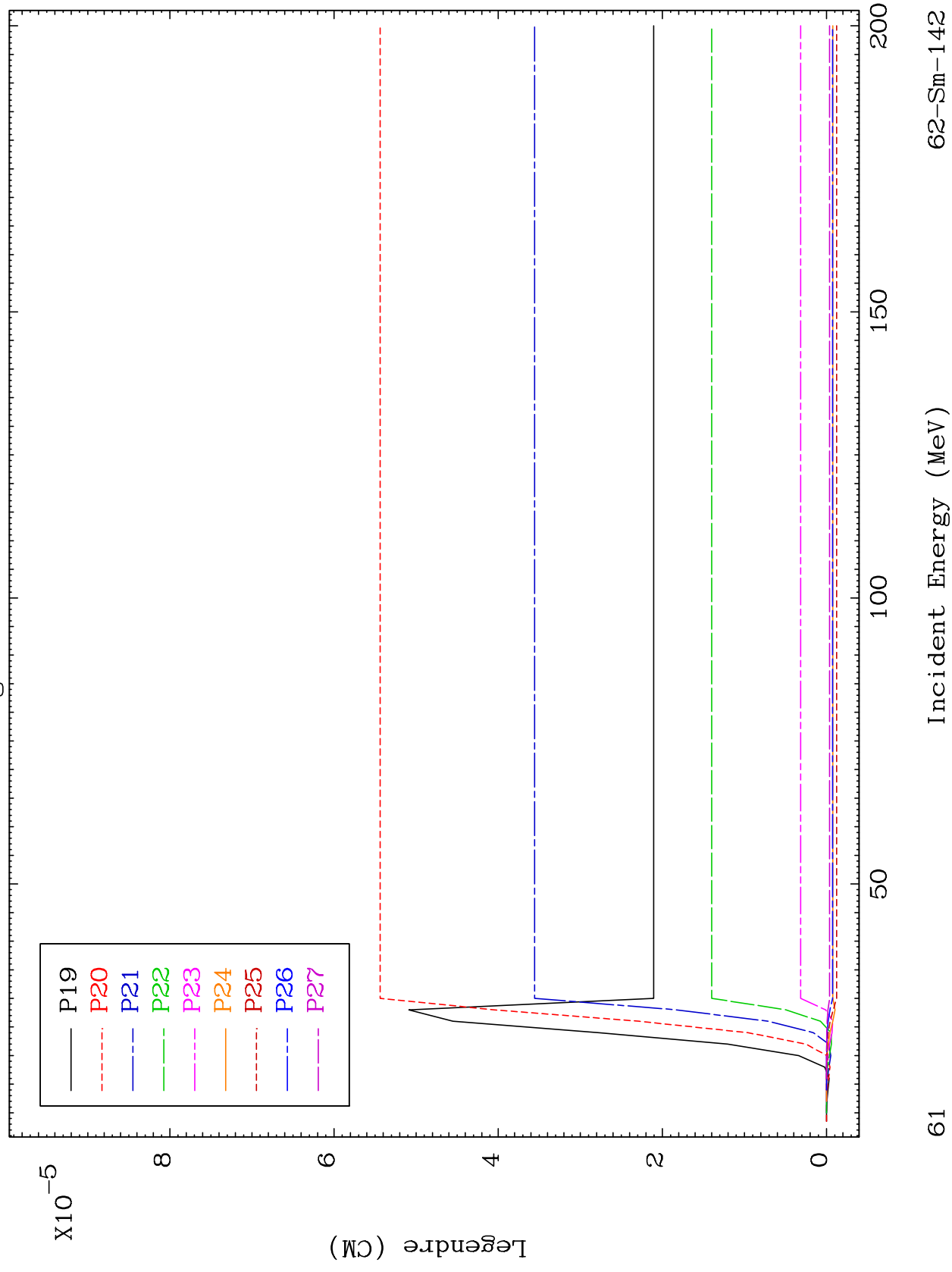


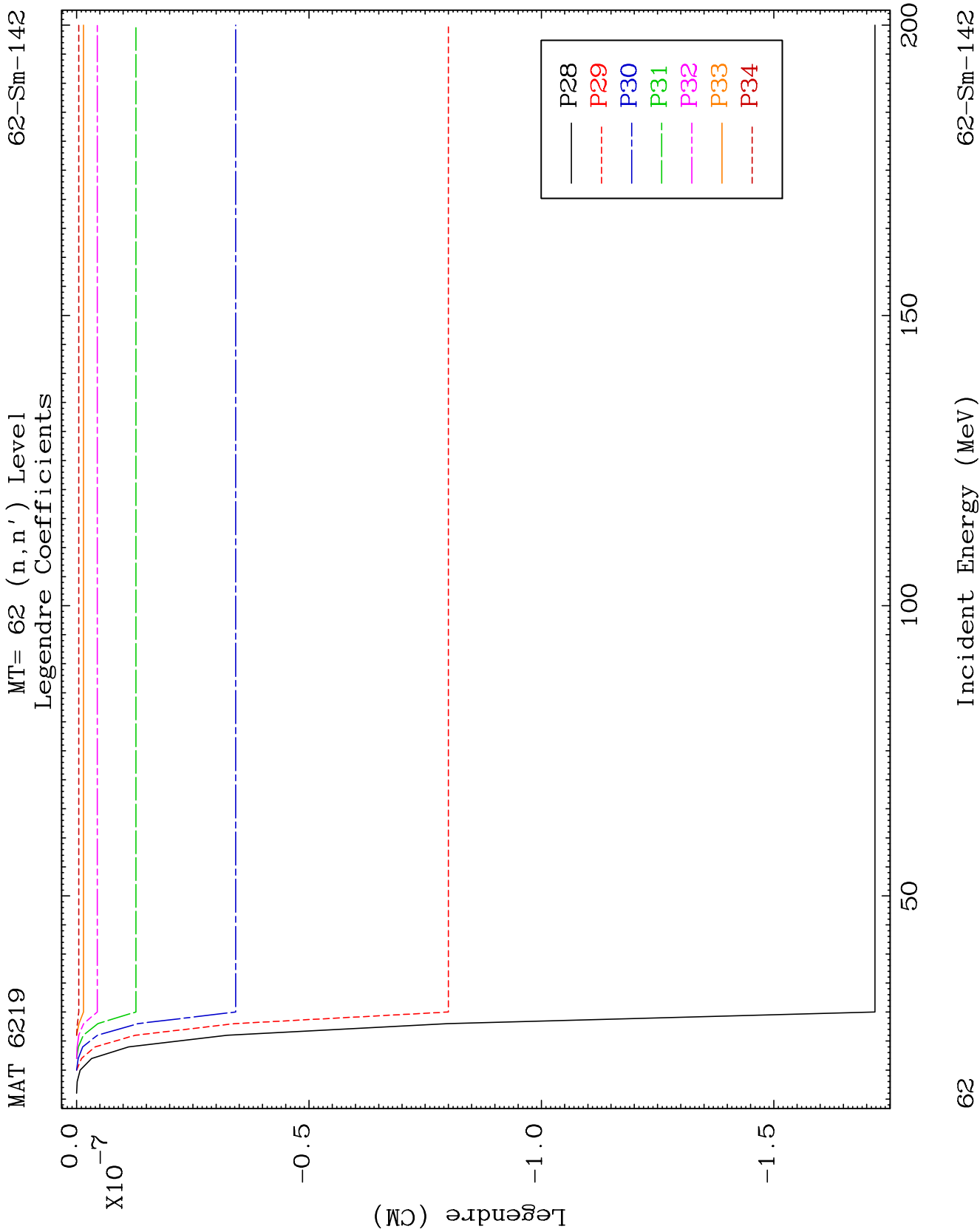


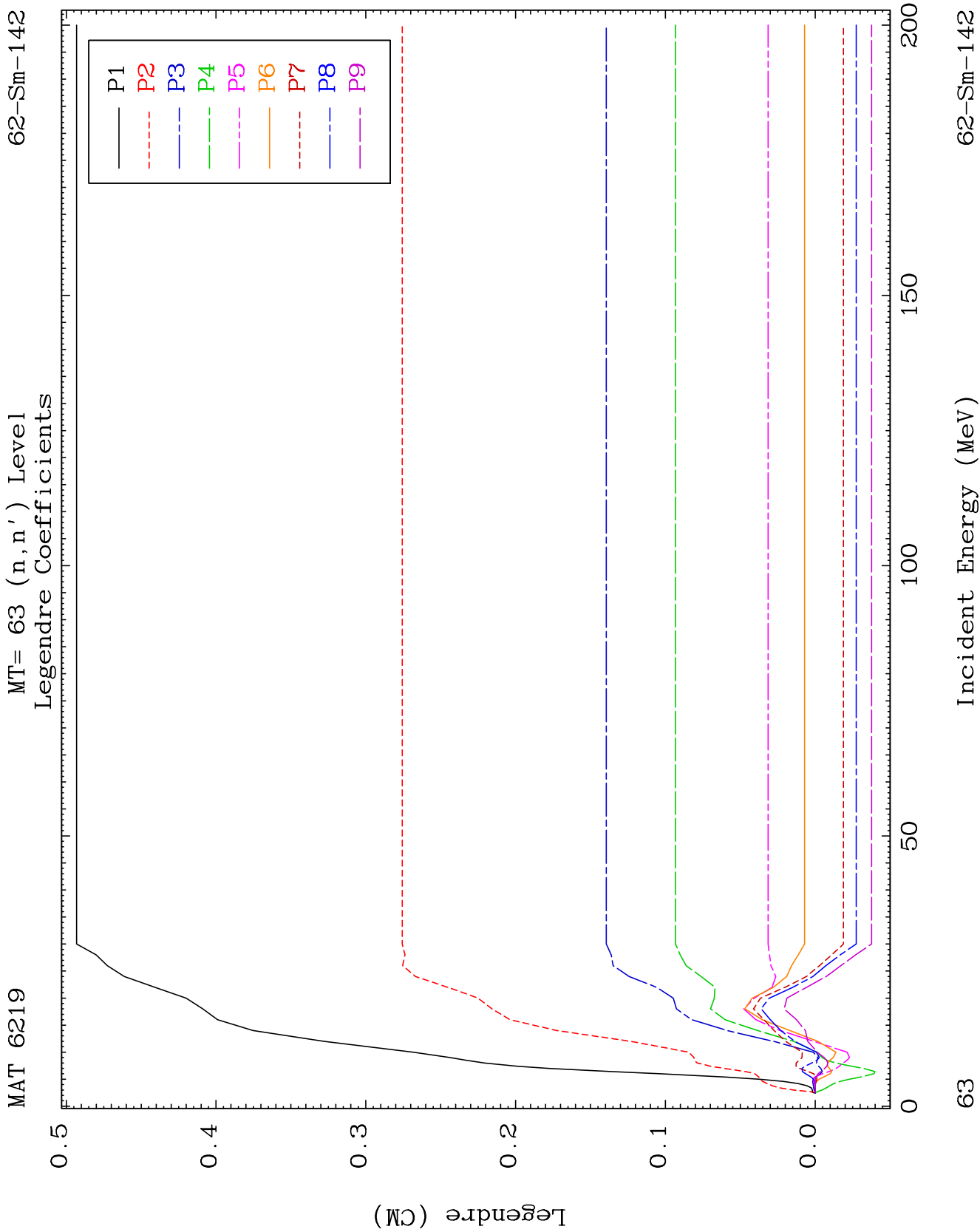
MAT 6219

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

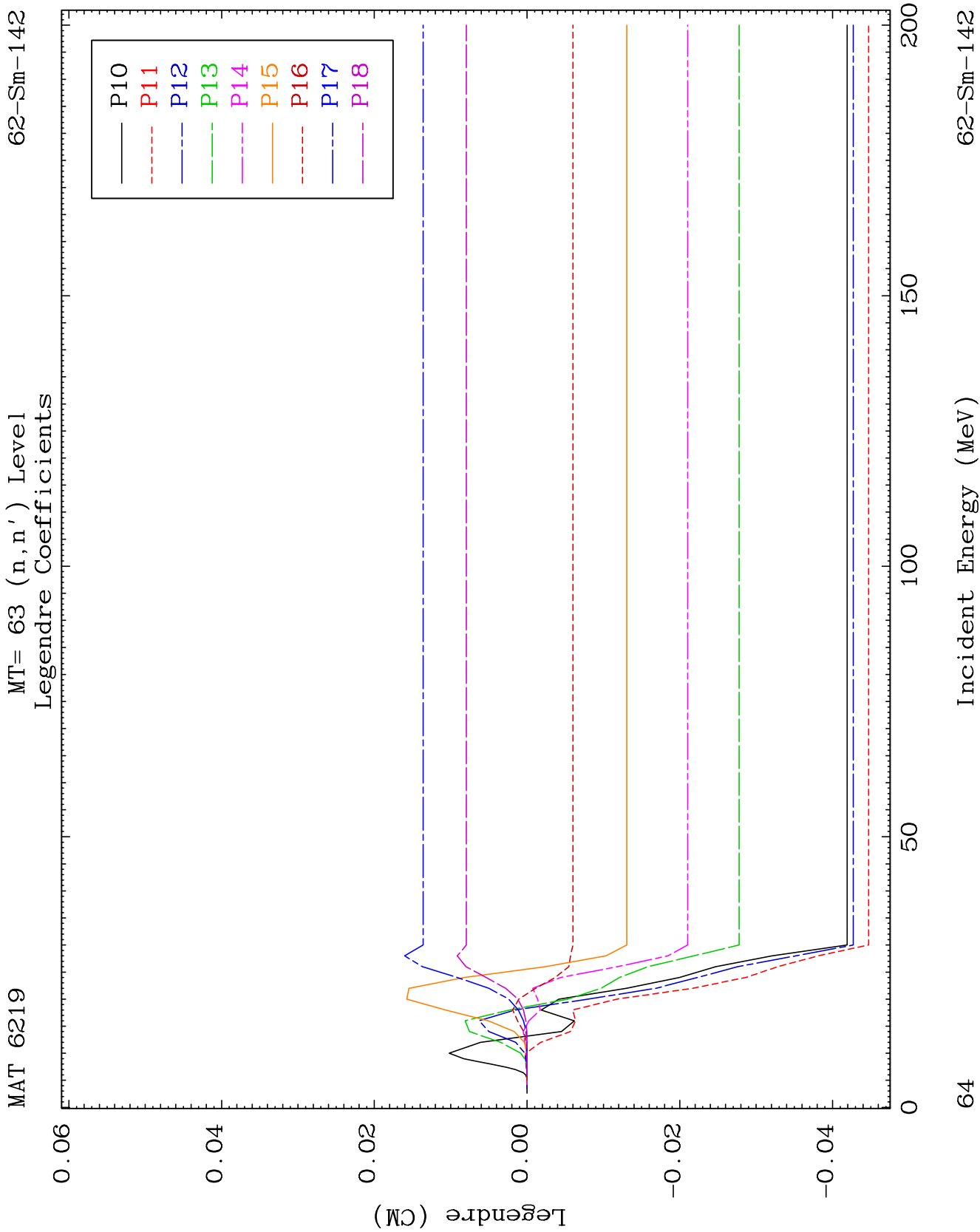
62-Sm-142







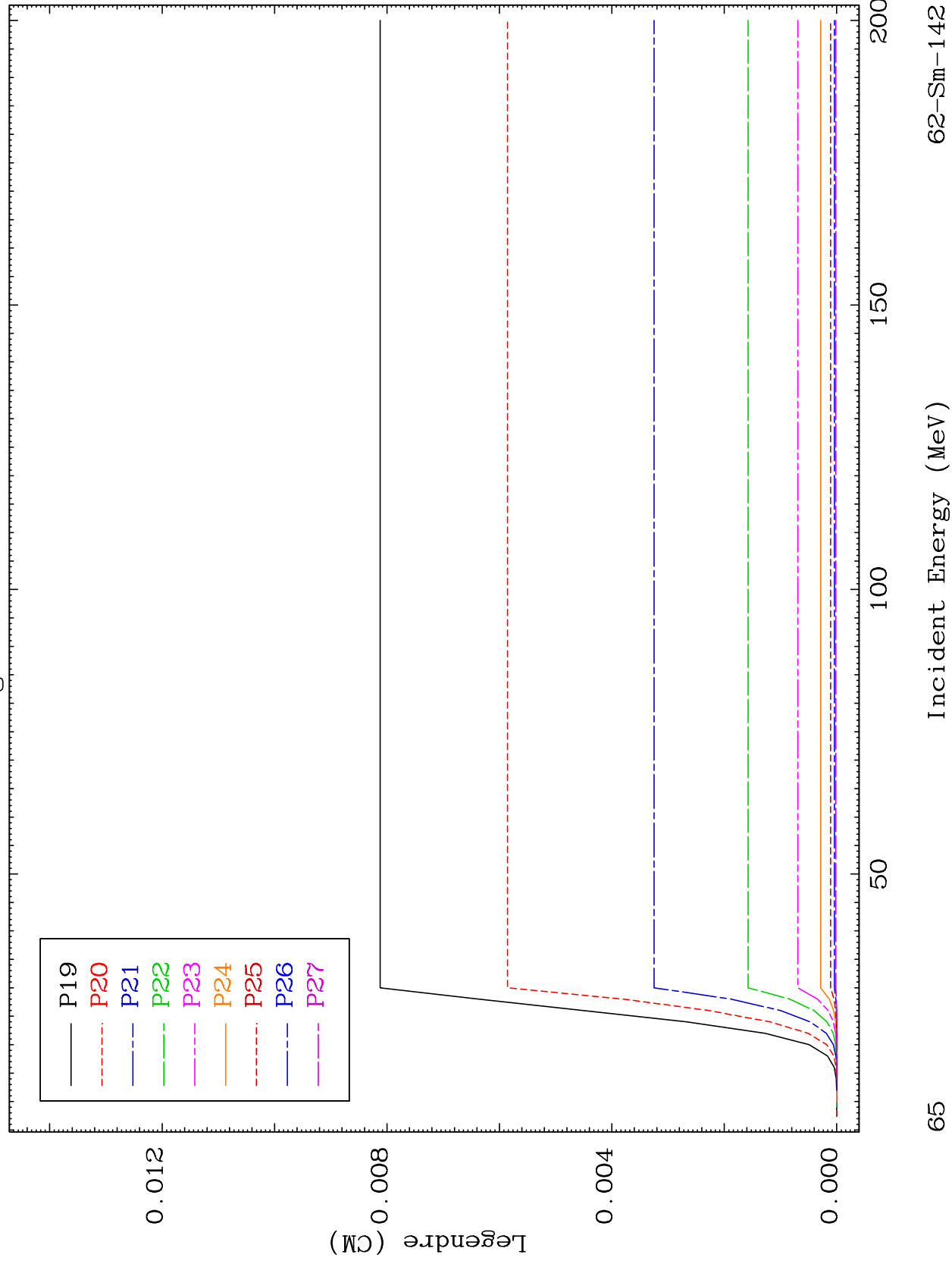


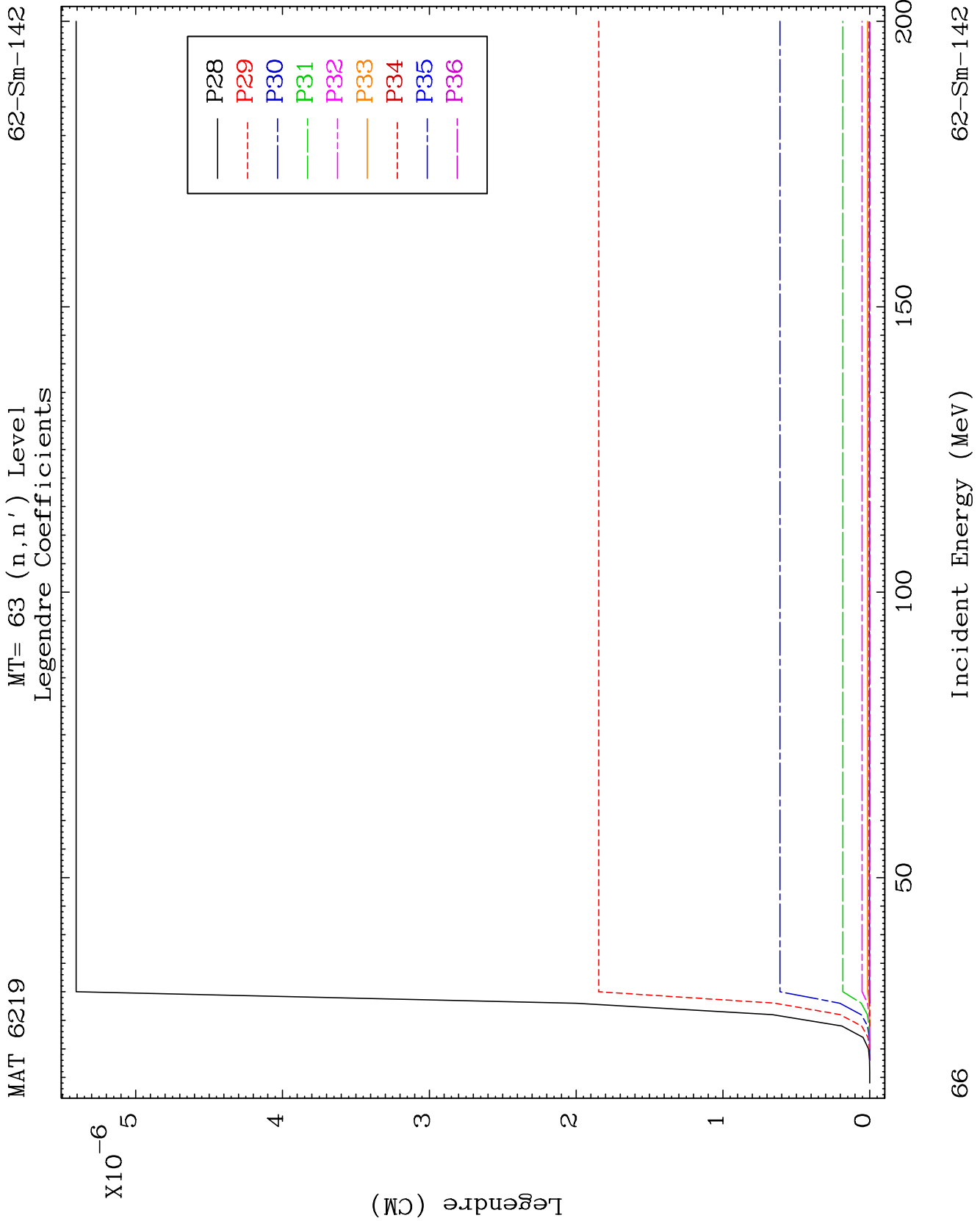


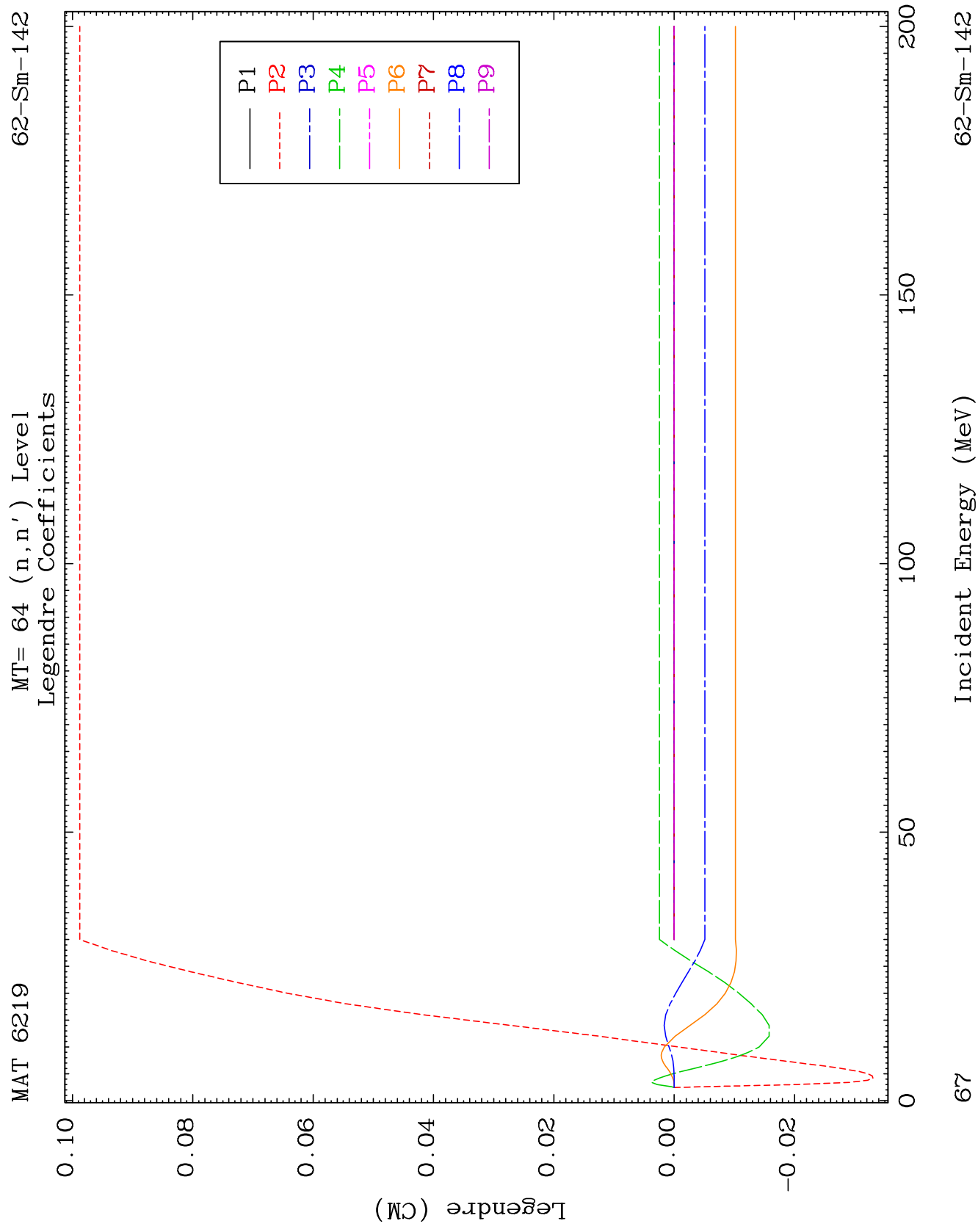
MAT 6219

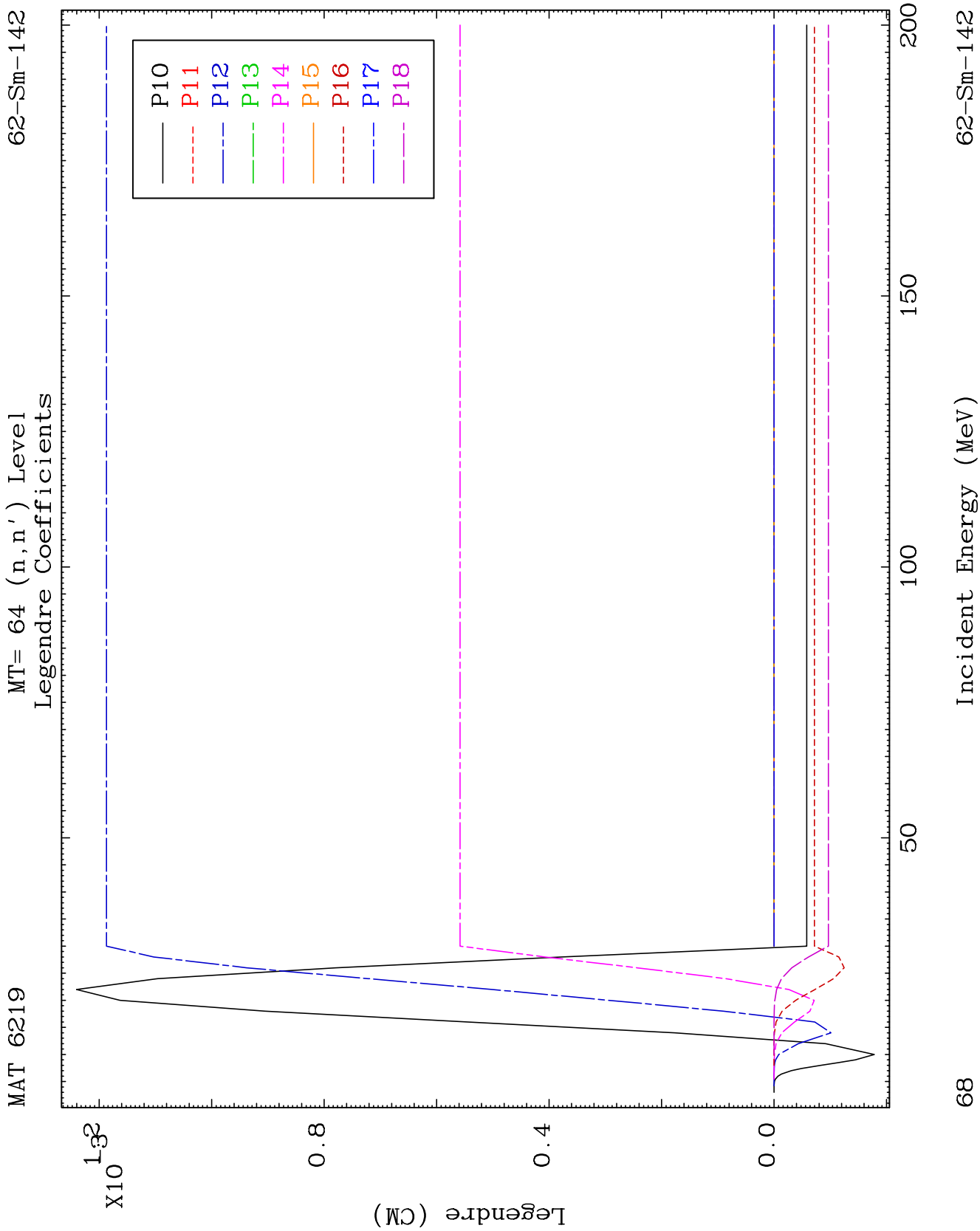
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Legendre Coefficients

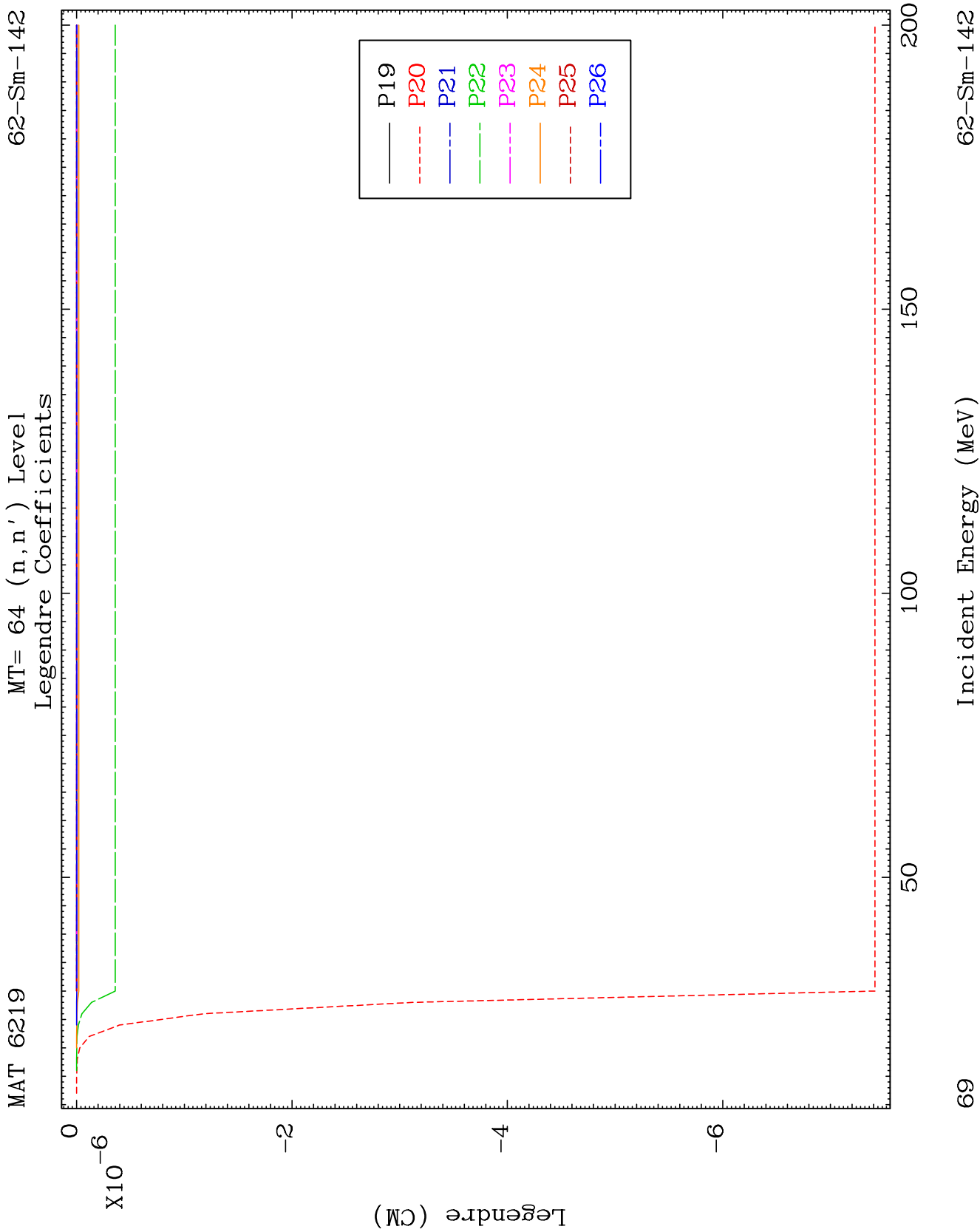
62-Sm-142



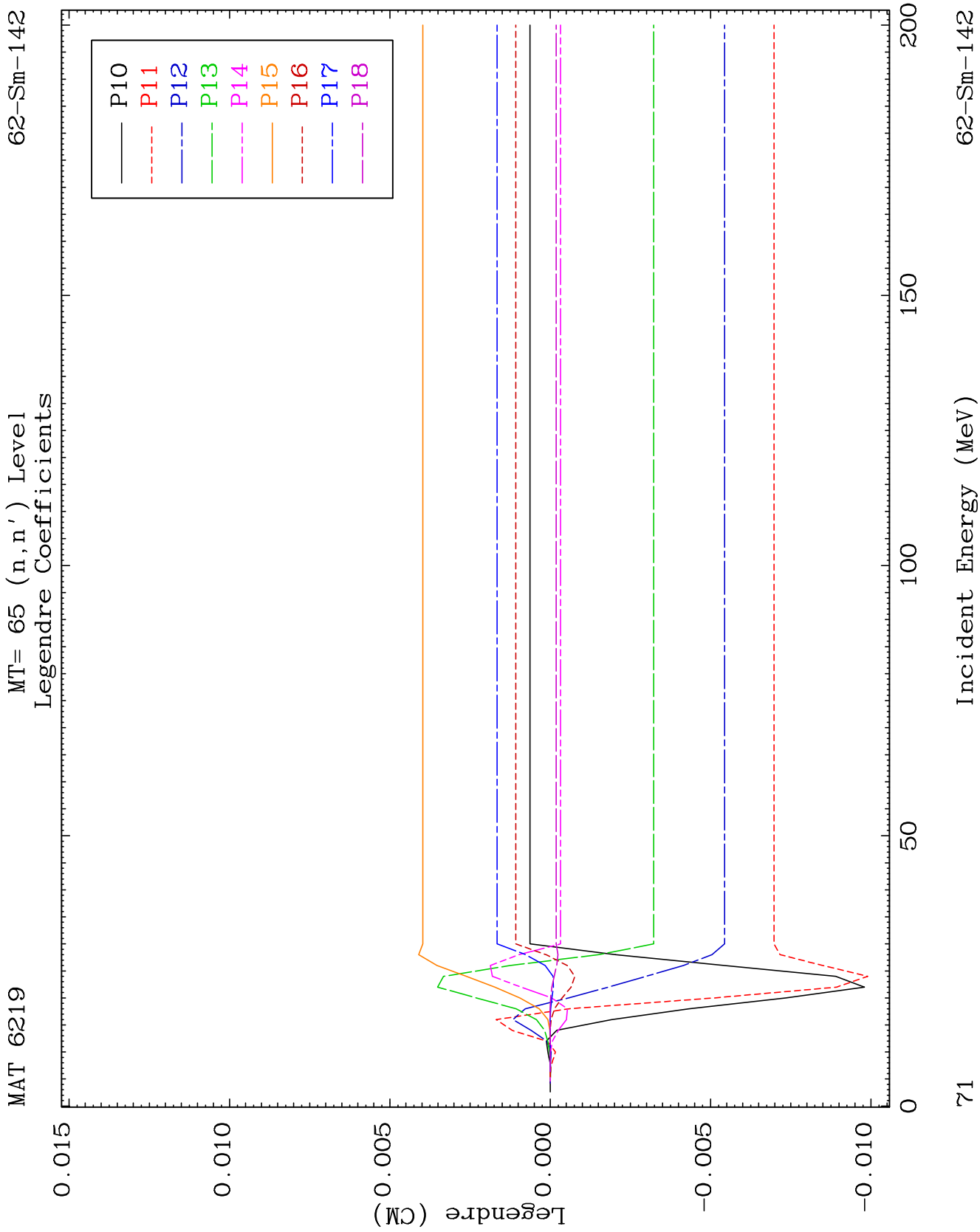




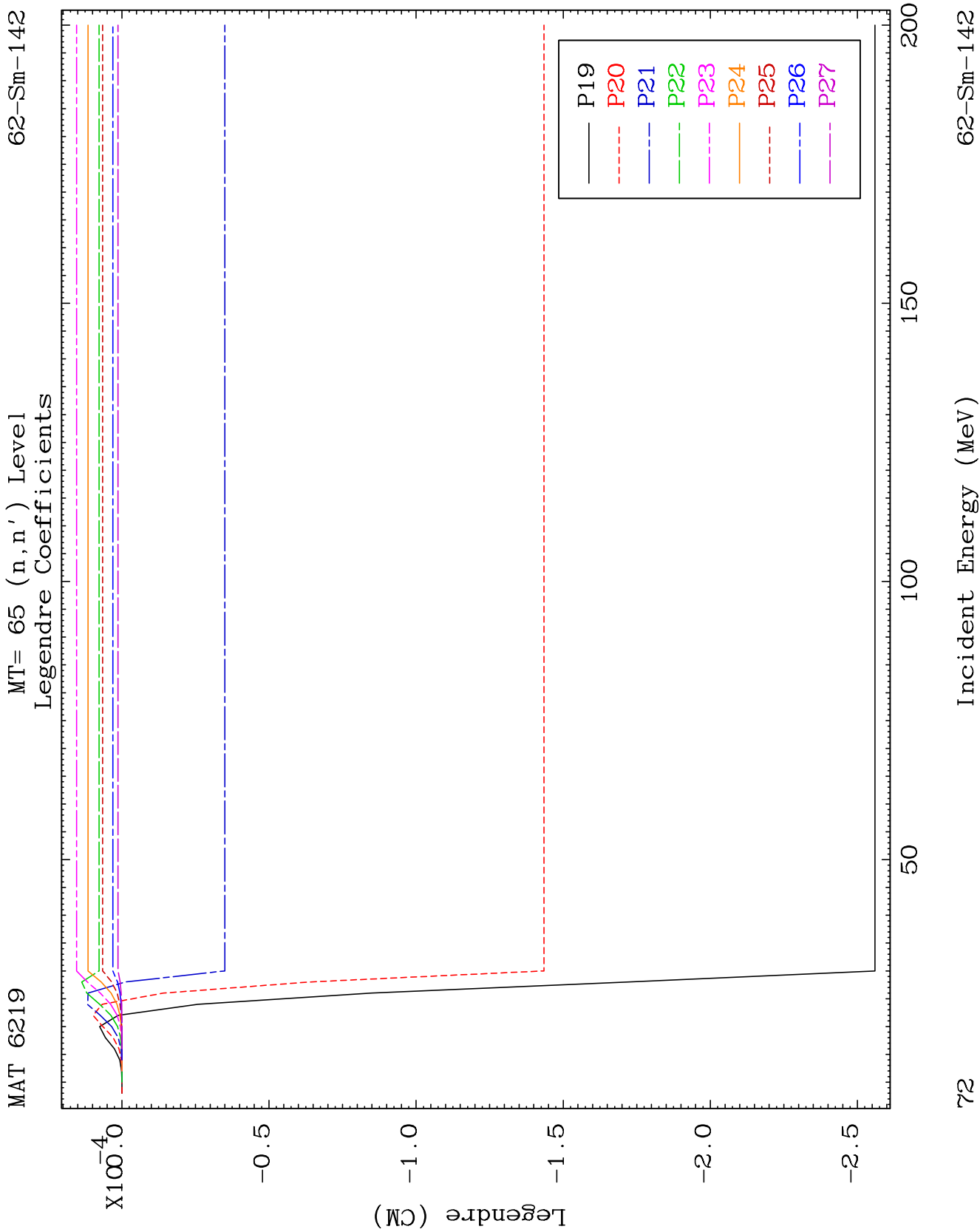


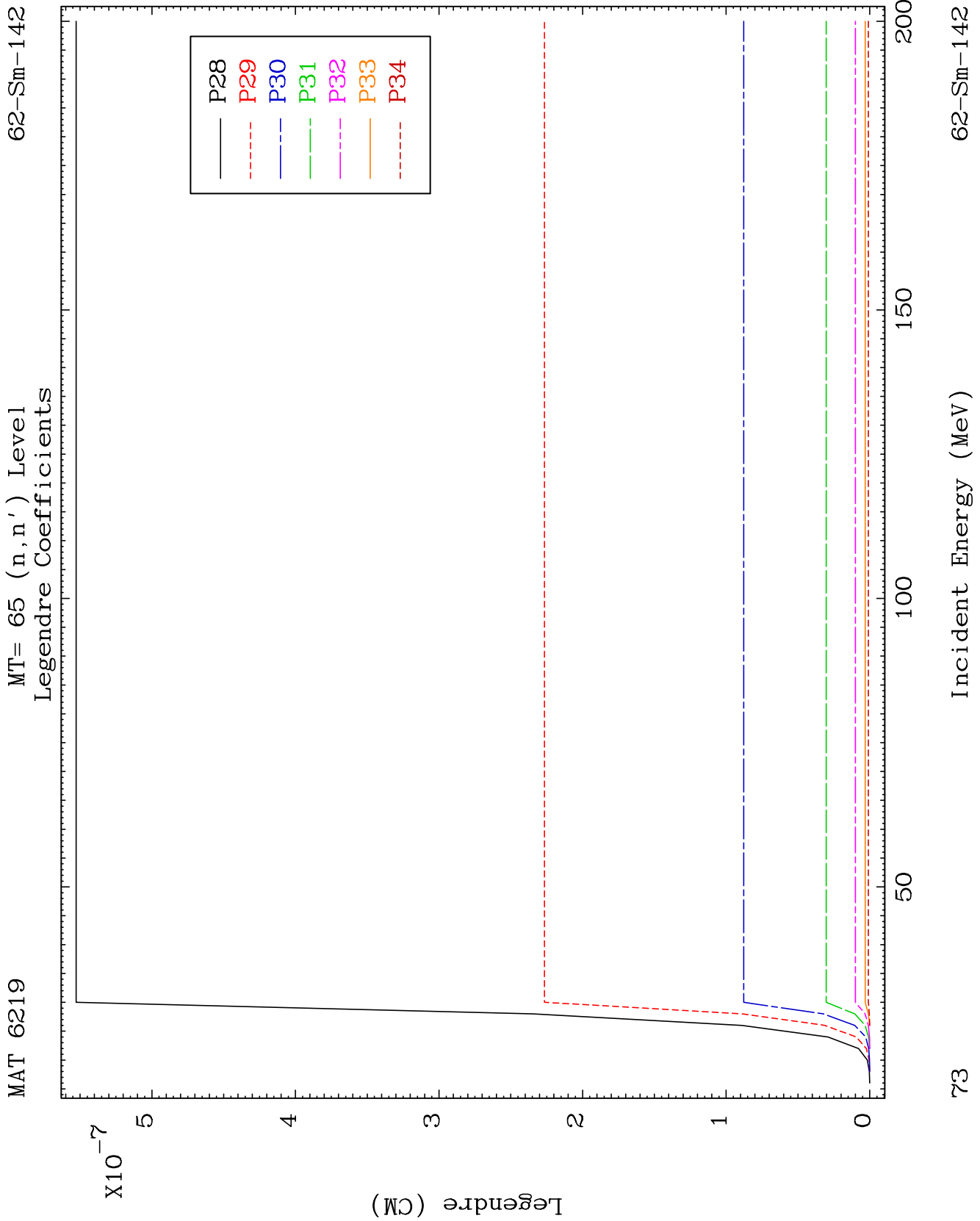


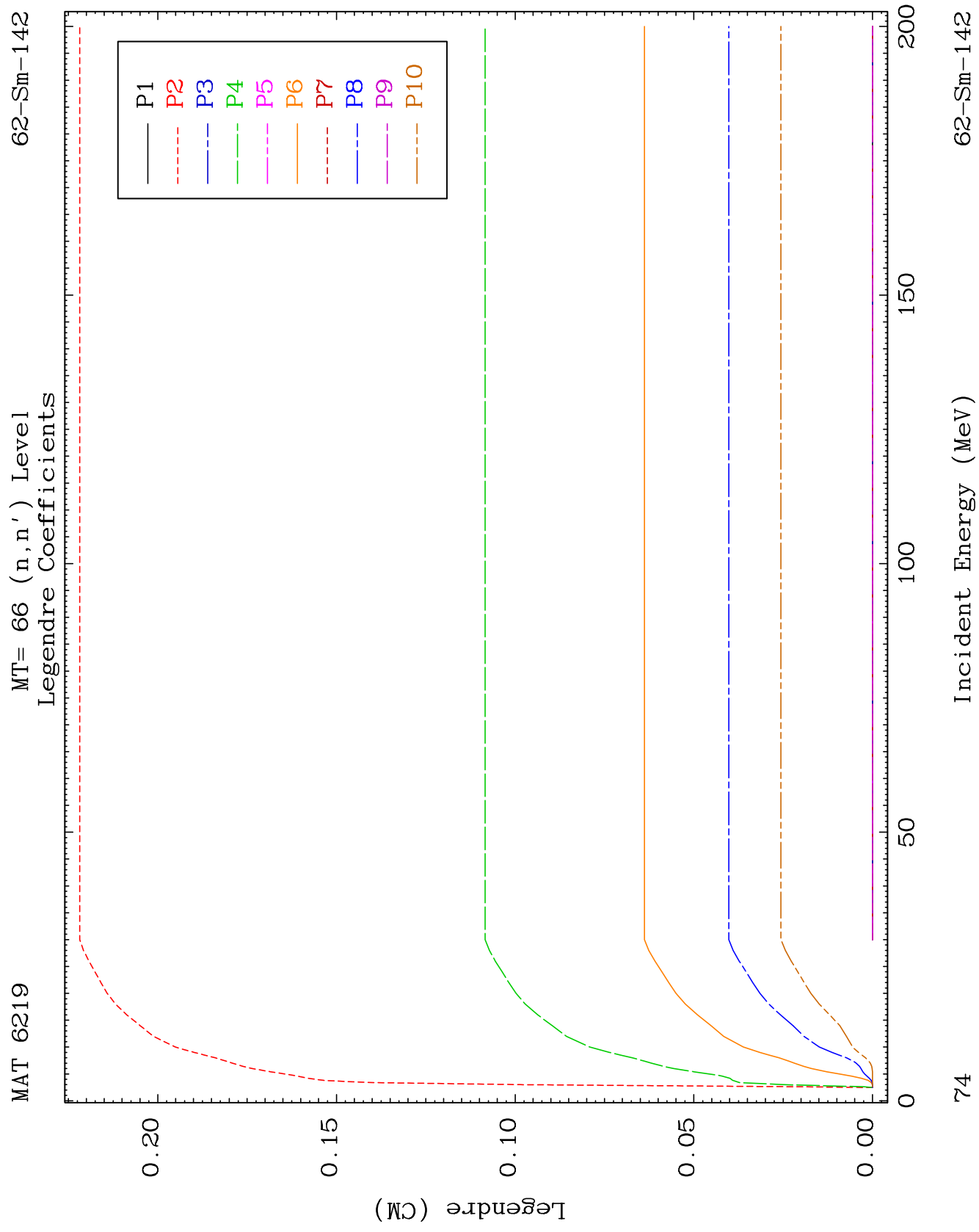


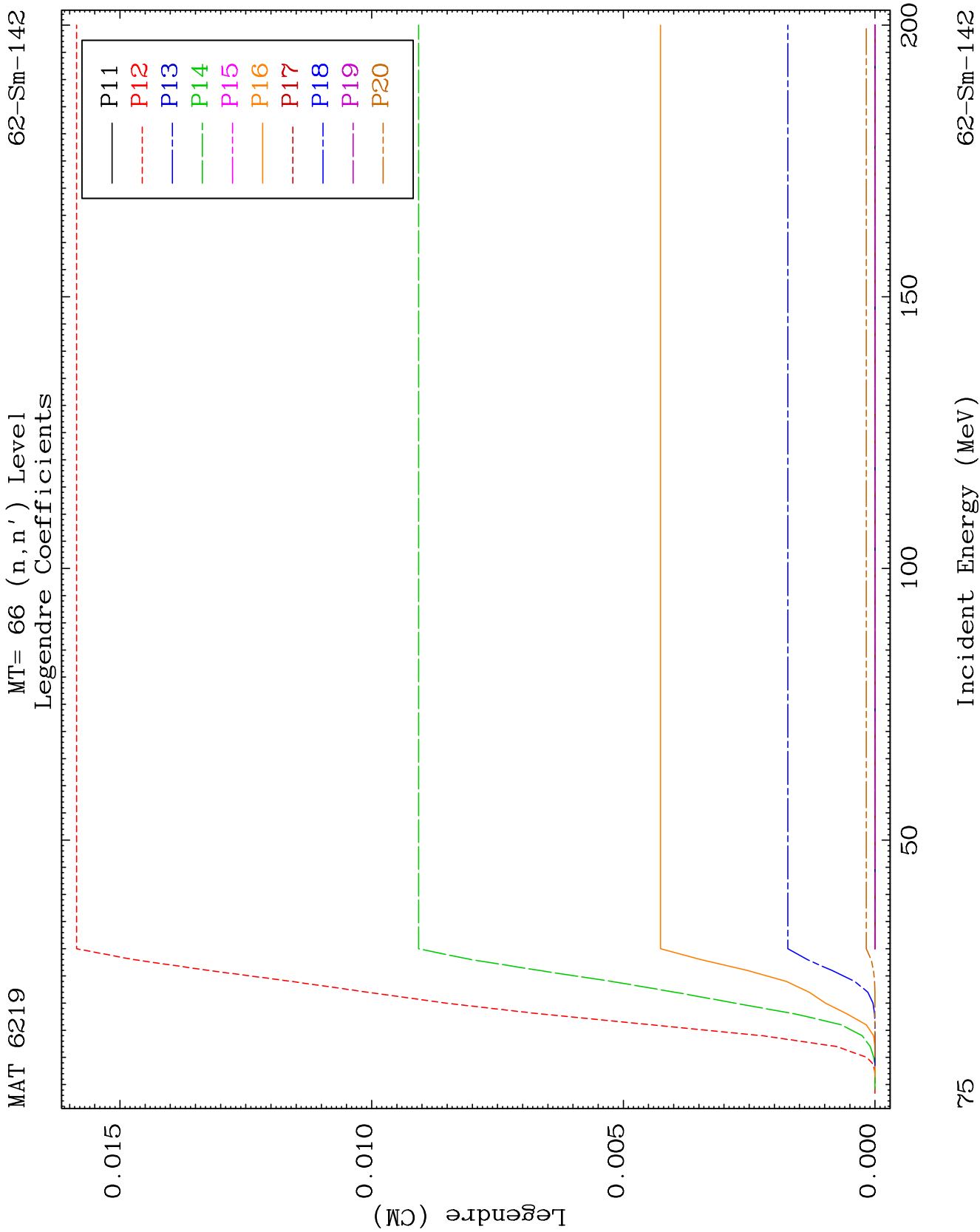


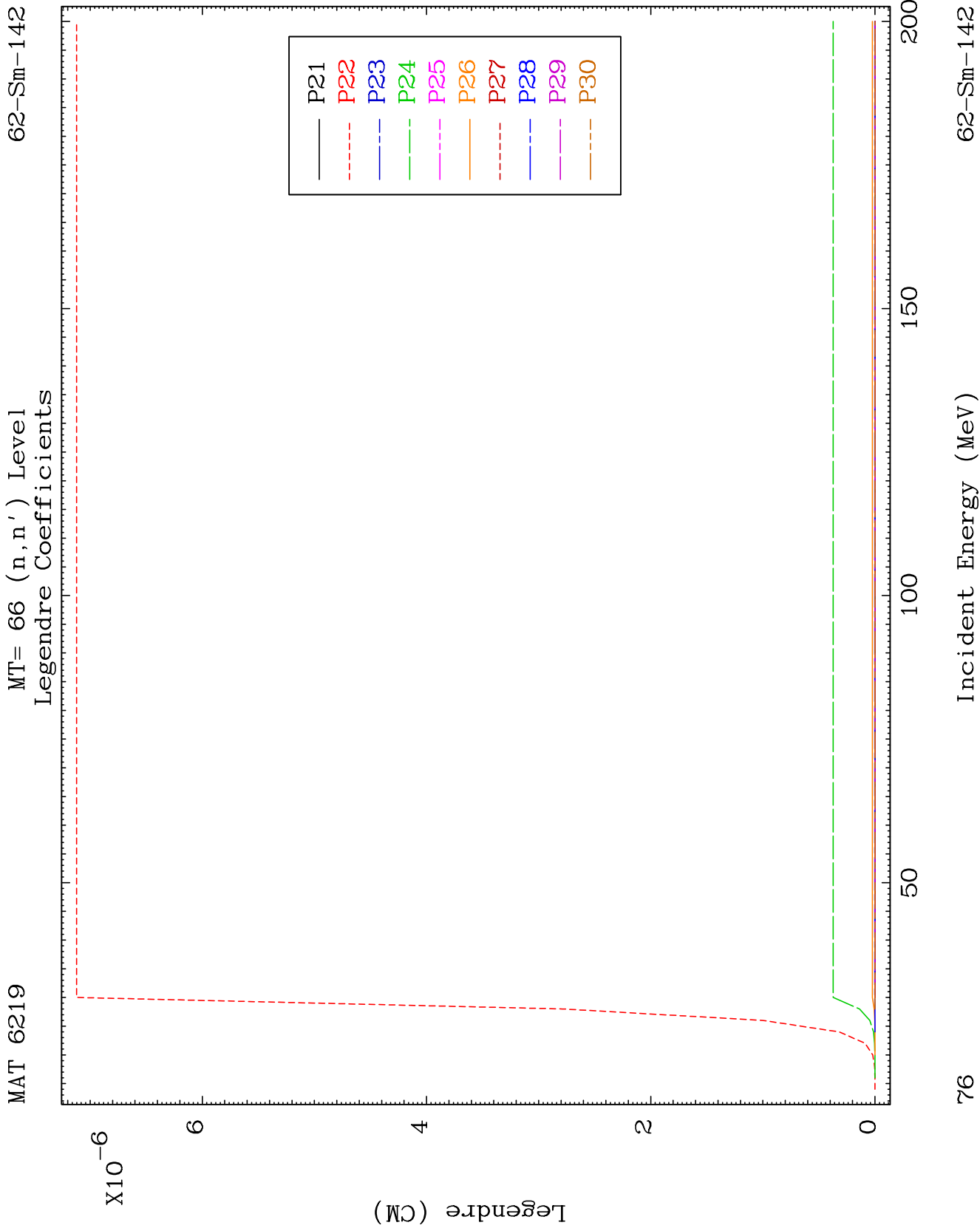


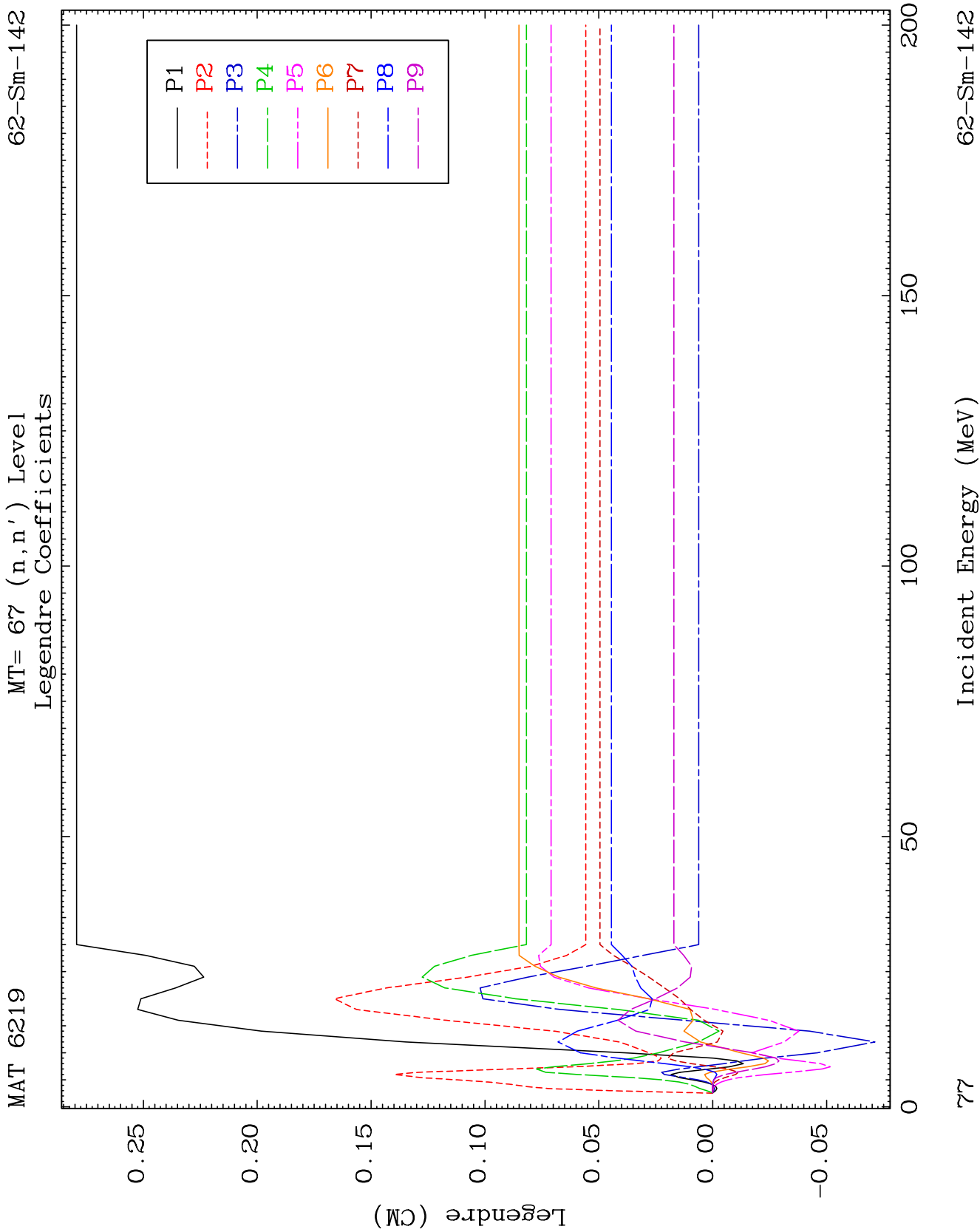


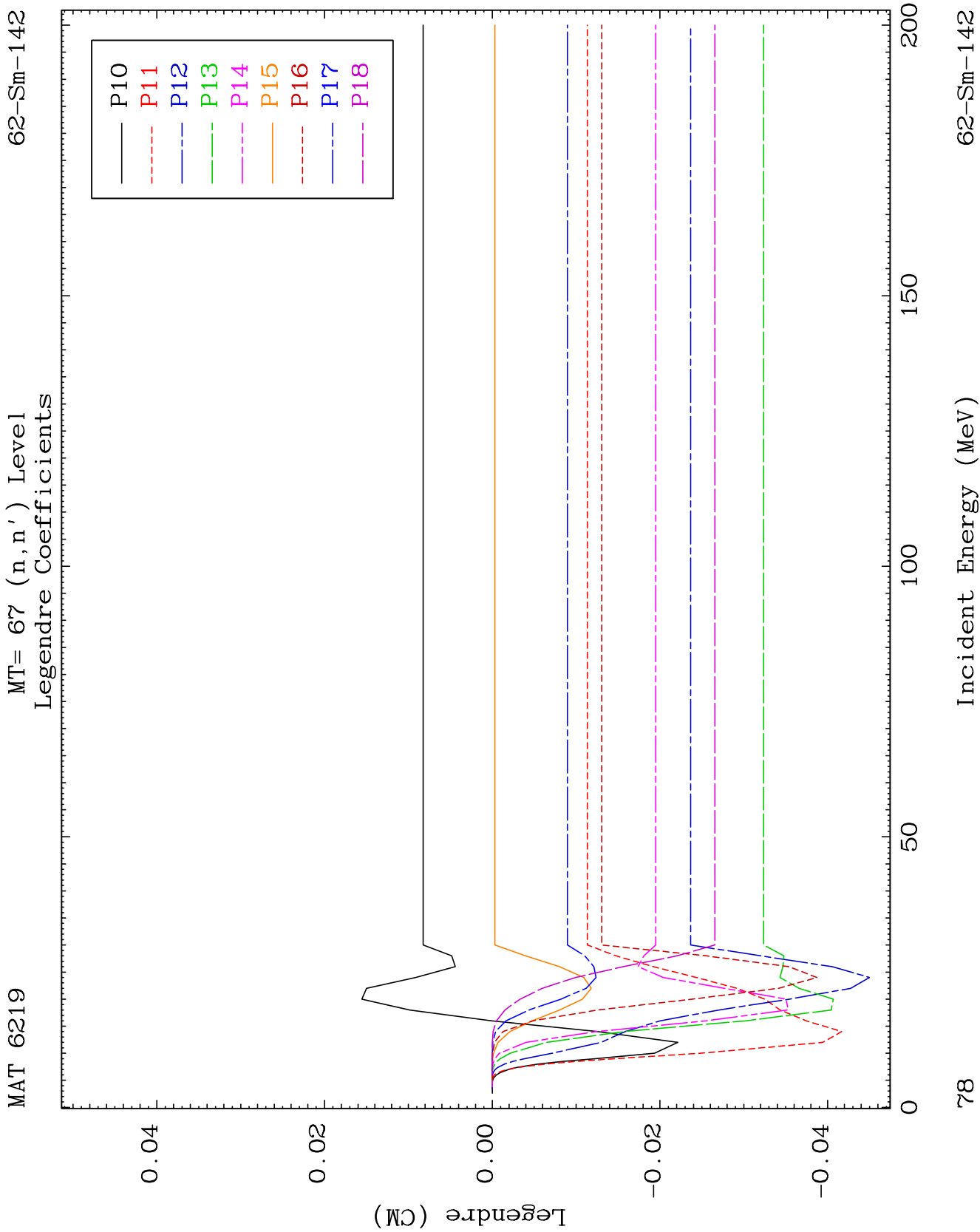


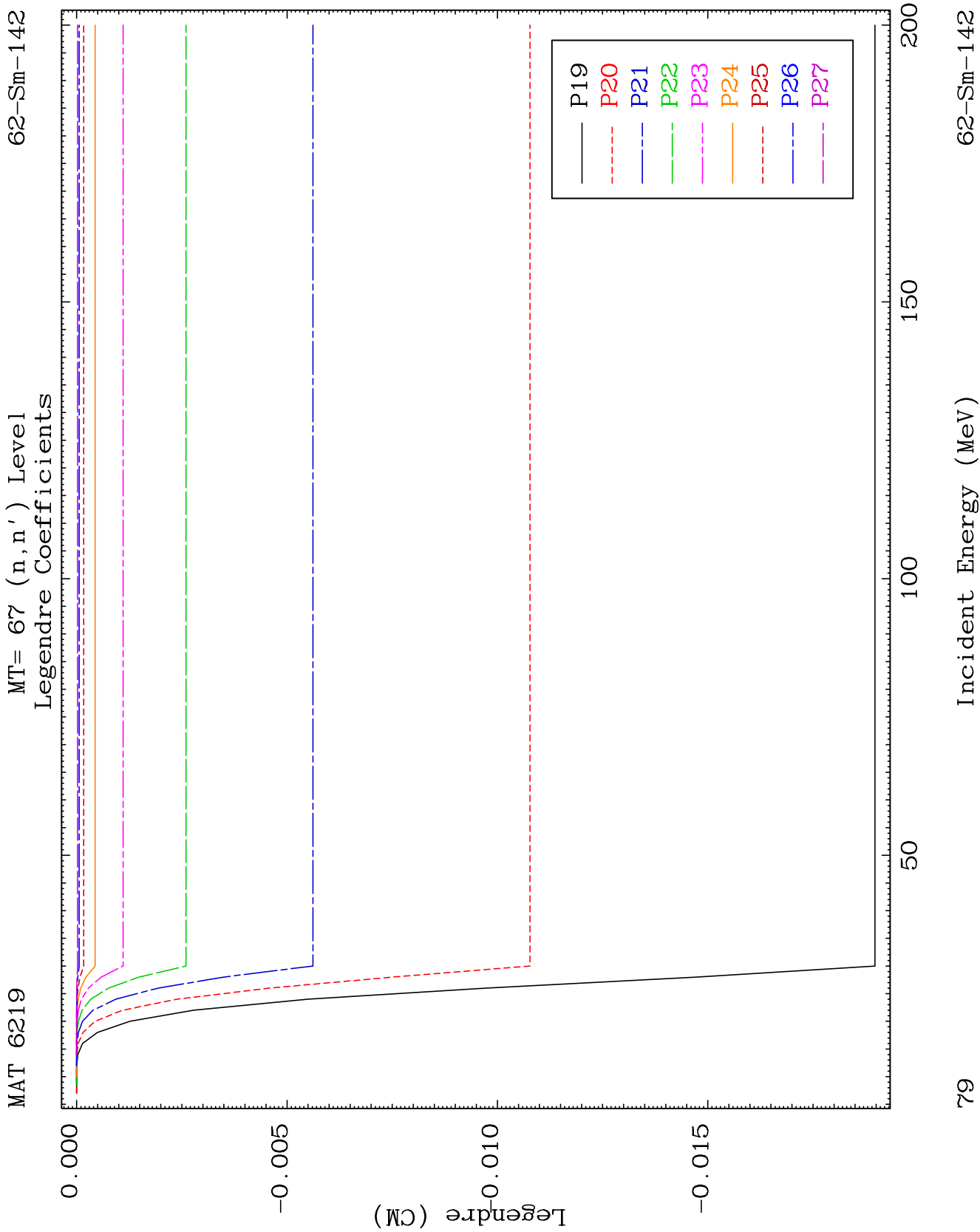




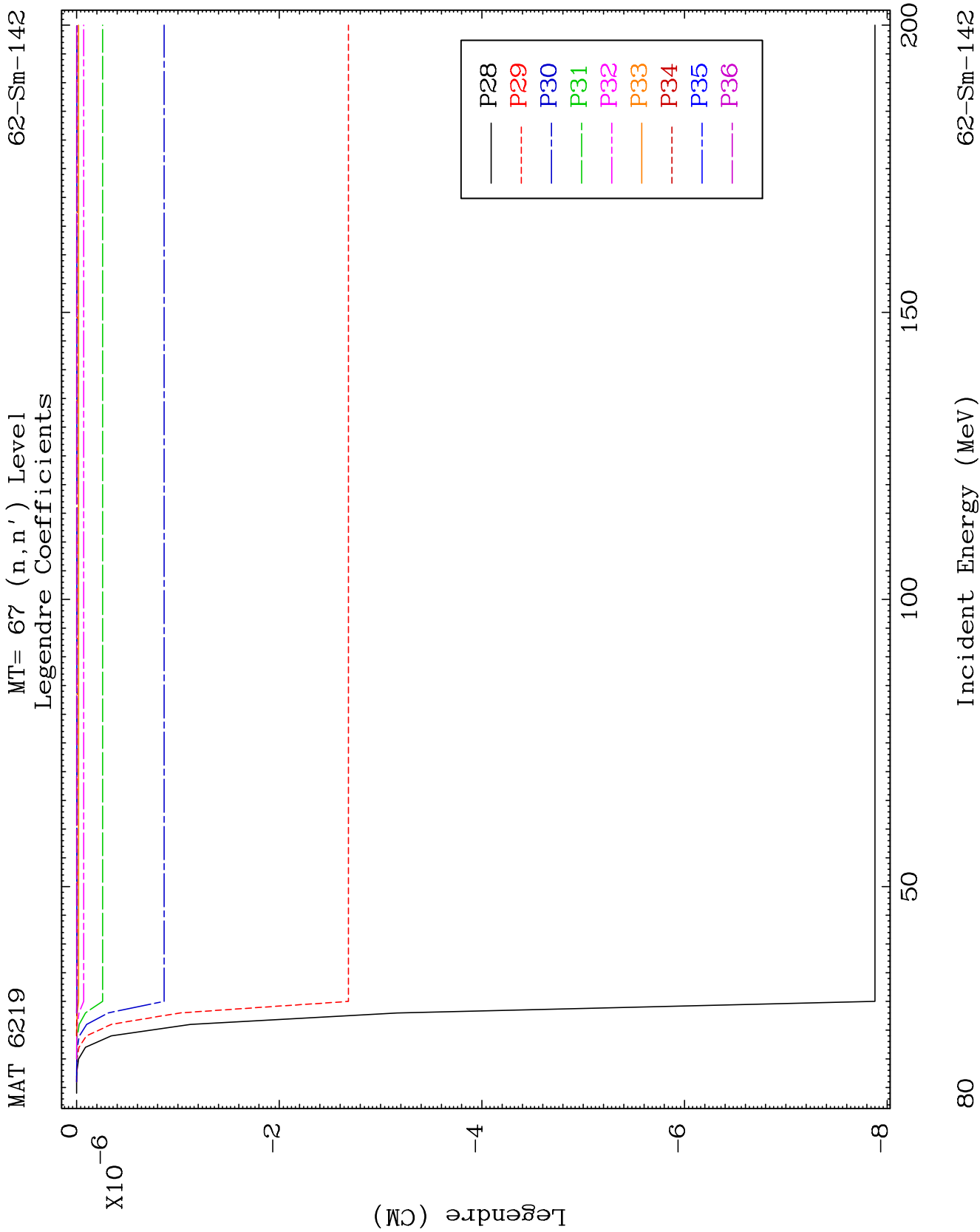


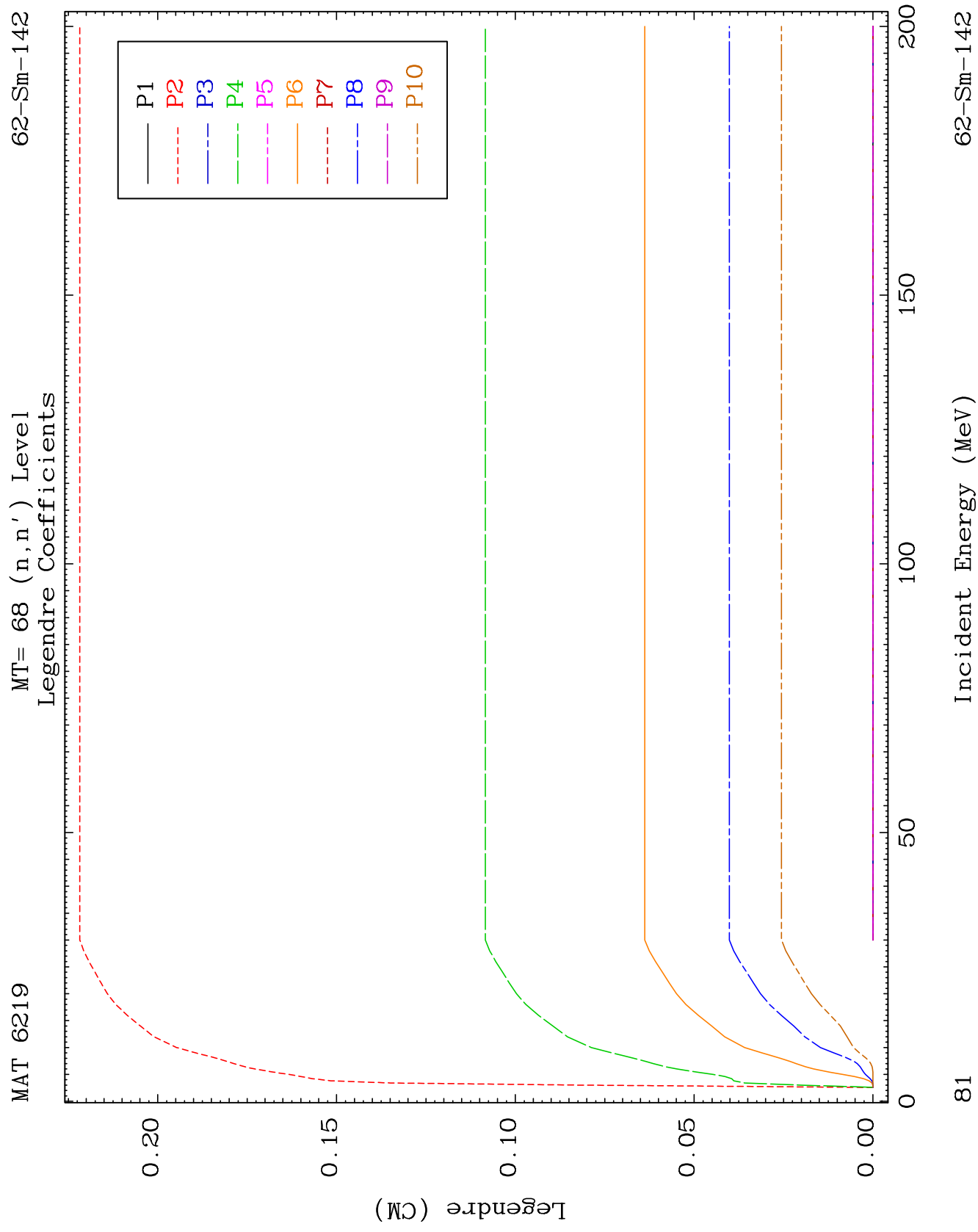




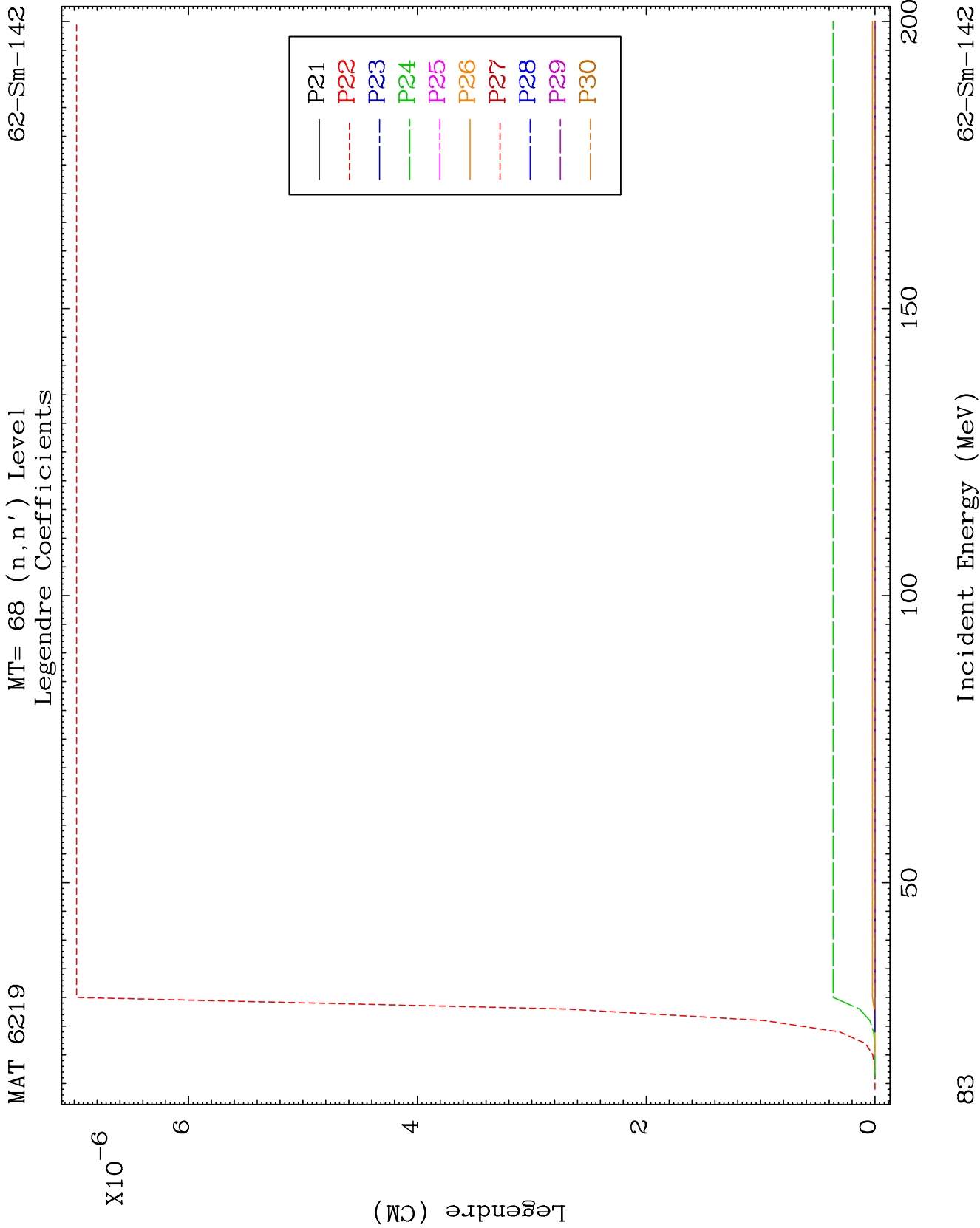








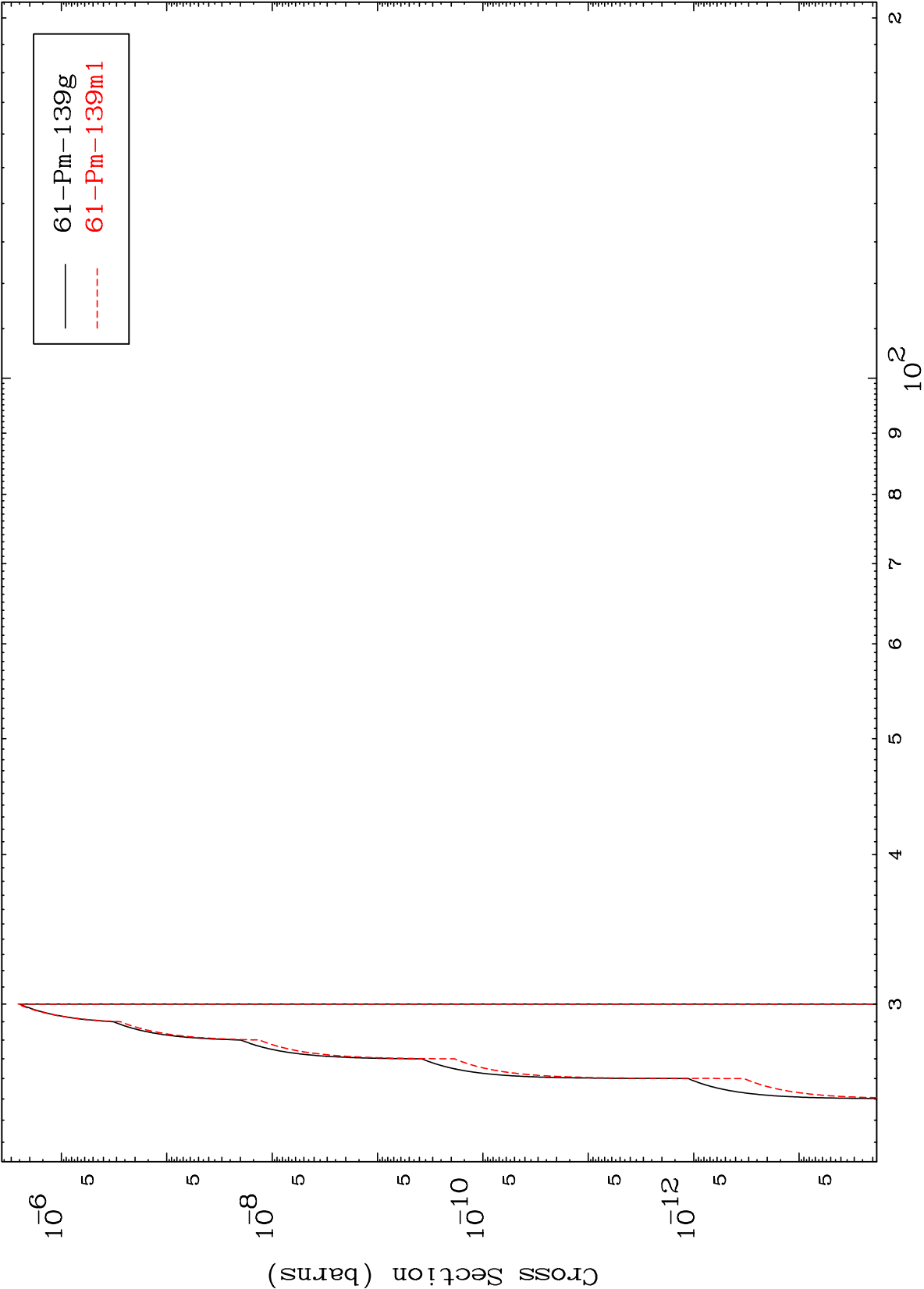




MAT 6219

62-Sm-142

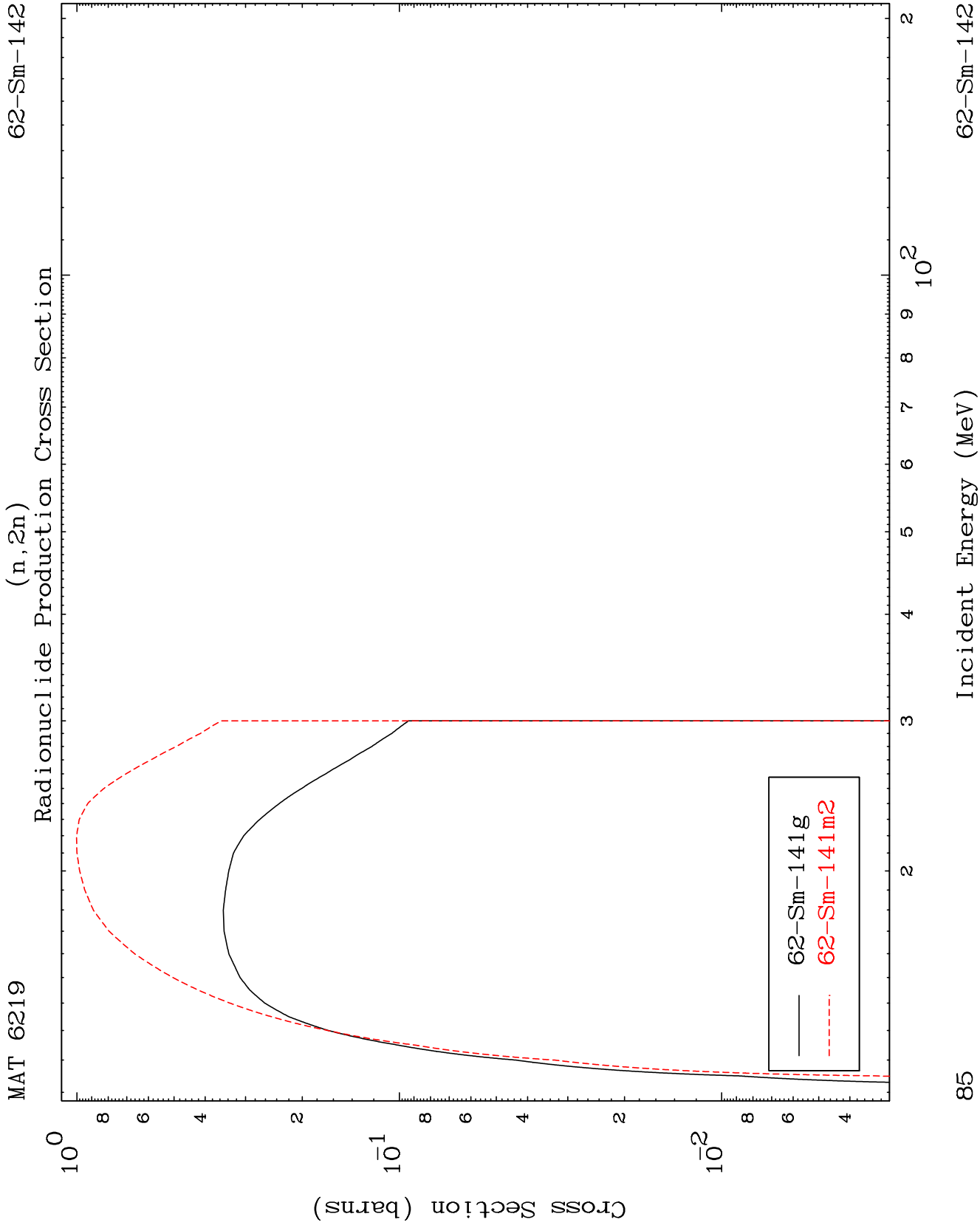
$(n,2n)$  d  
Radionuclide Production Cross Section



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Incident Energy (MeV)

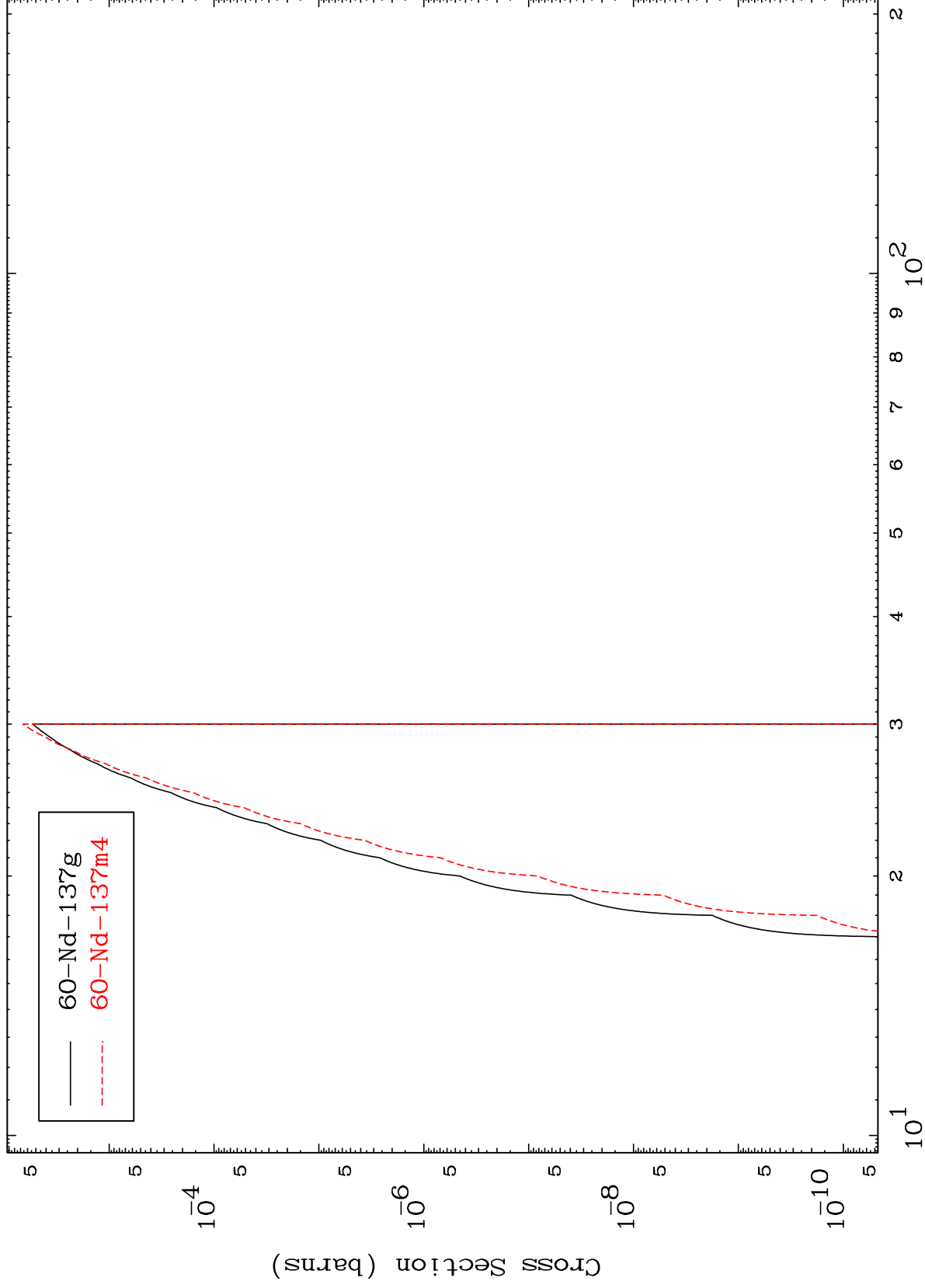
62-Sm-142



MAT 6219

62-Sm-142

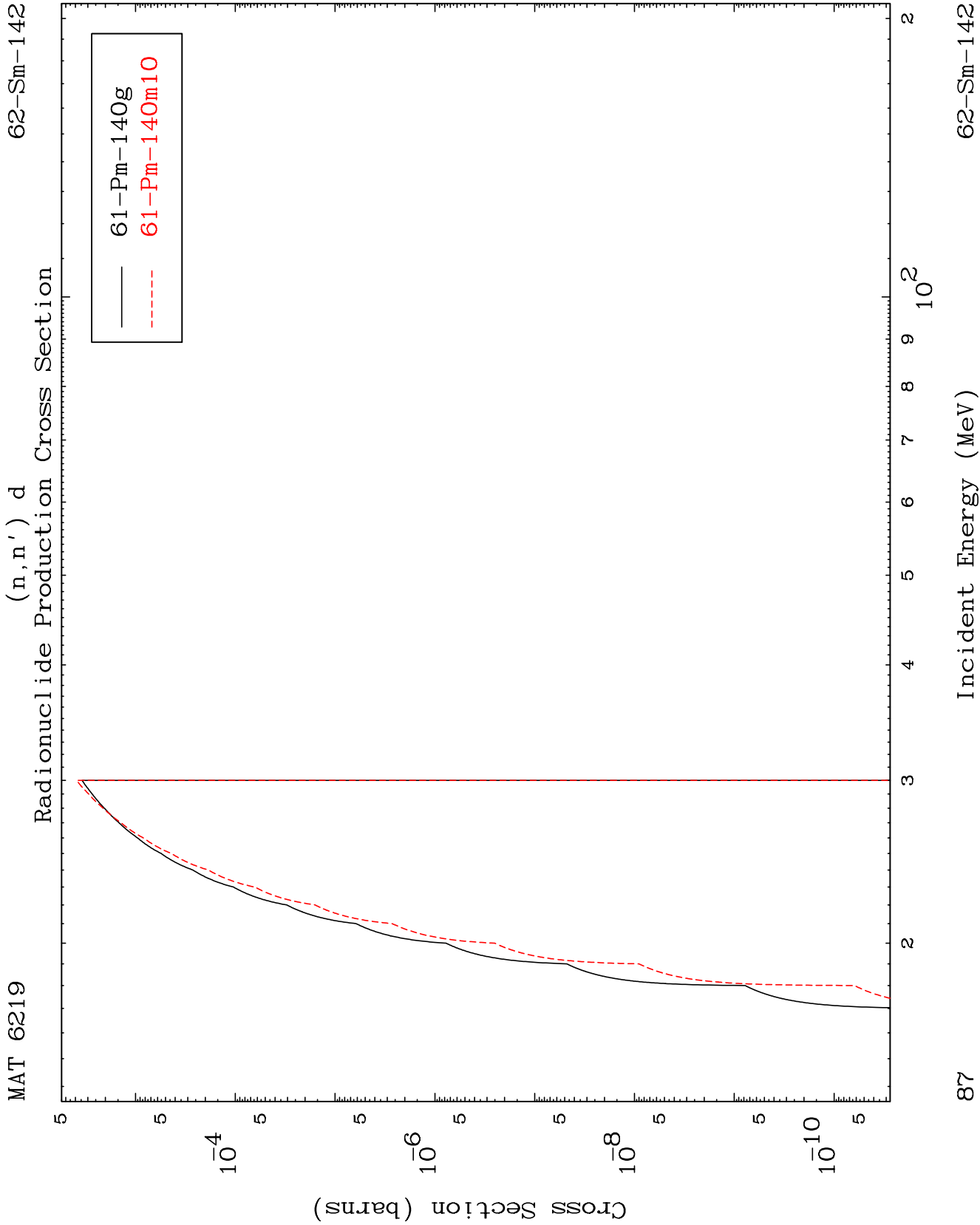
Radionuclide Production Cross Section  
(n,2n)  $\alpha$



62-Sm-142

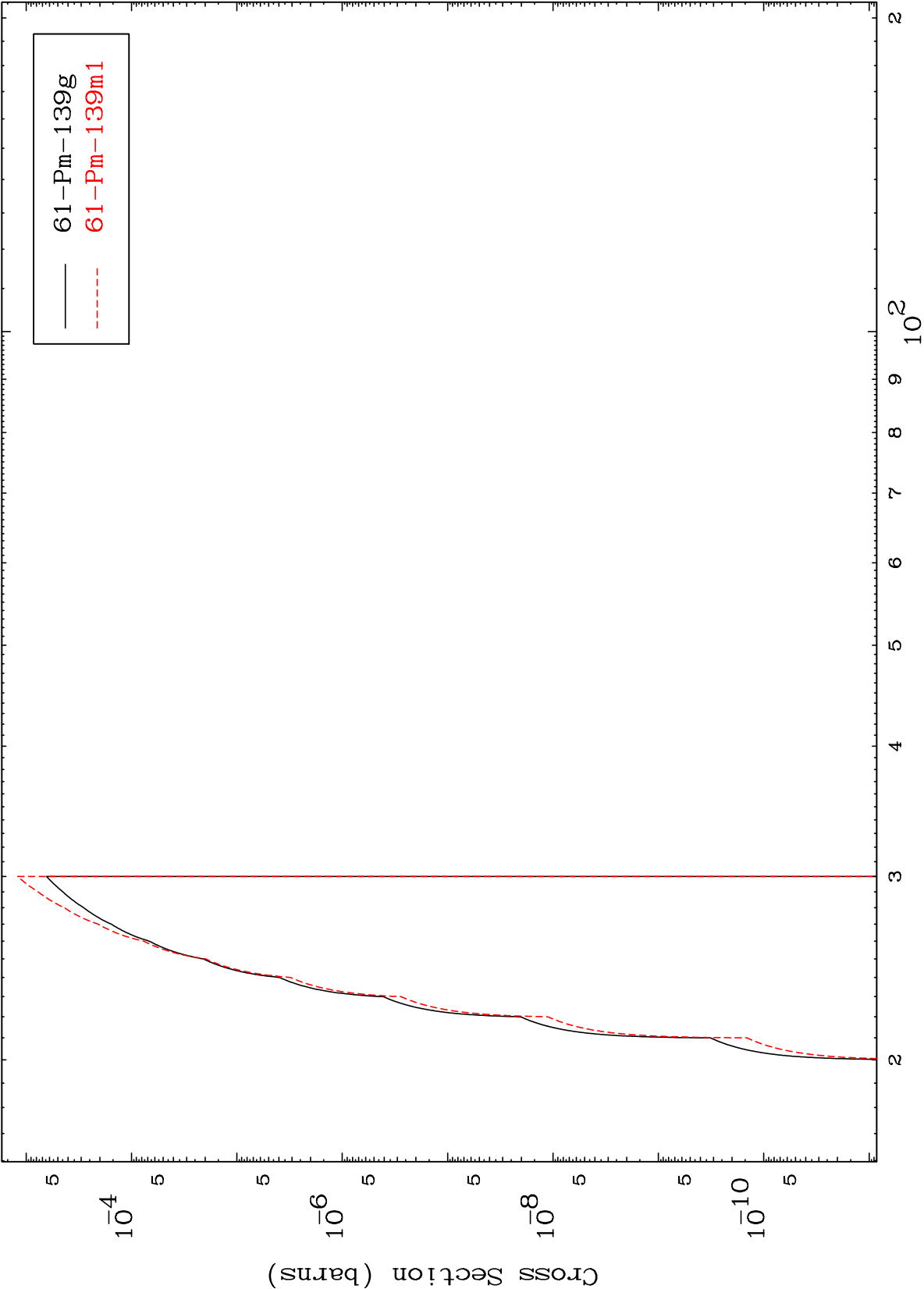
Incident Energy (MeV)

86

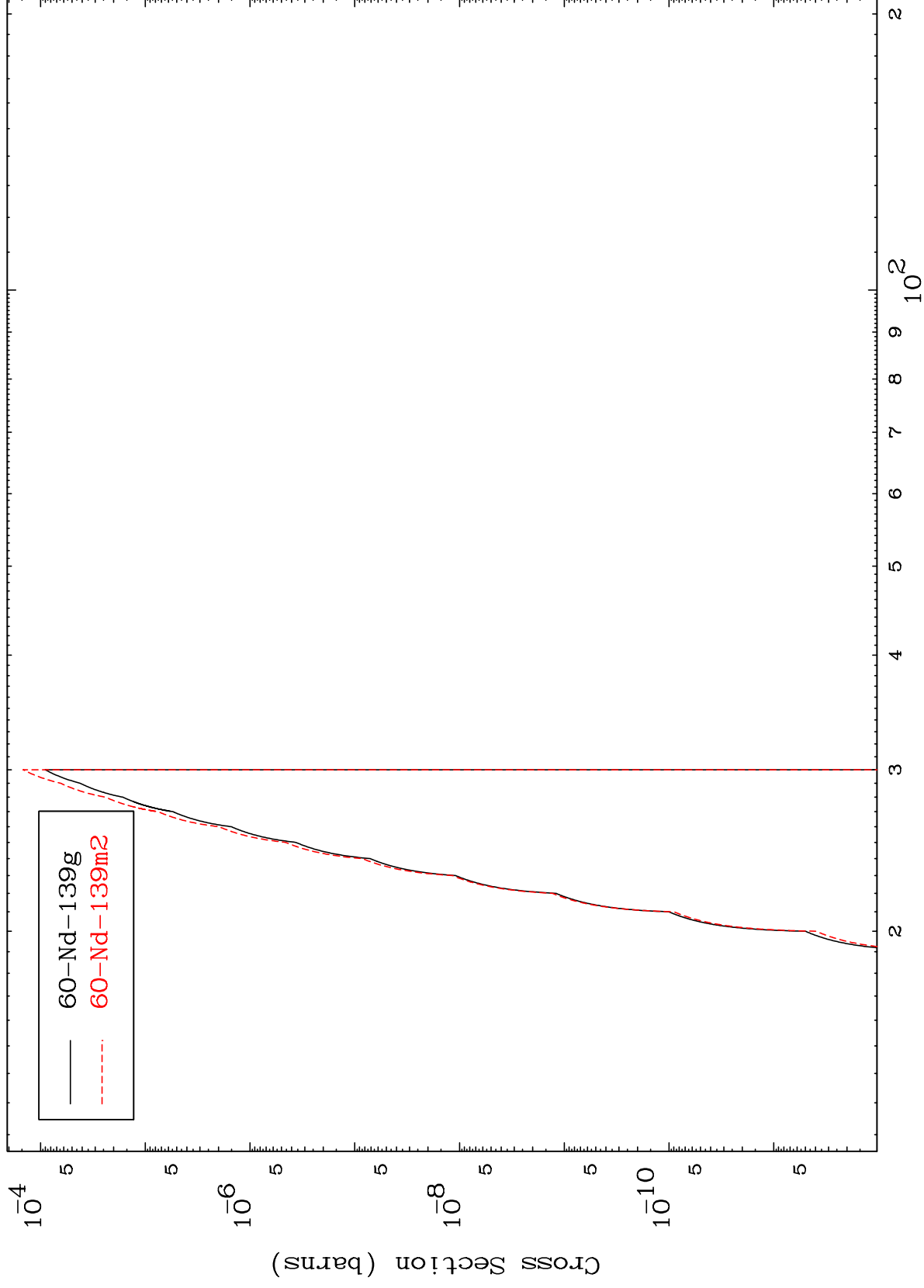


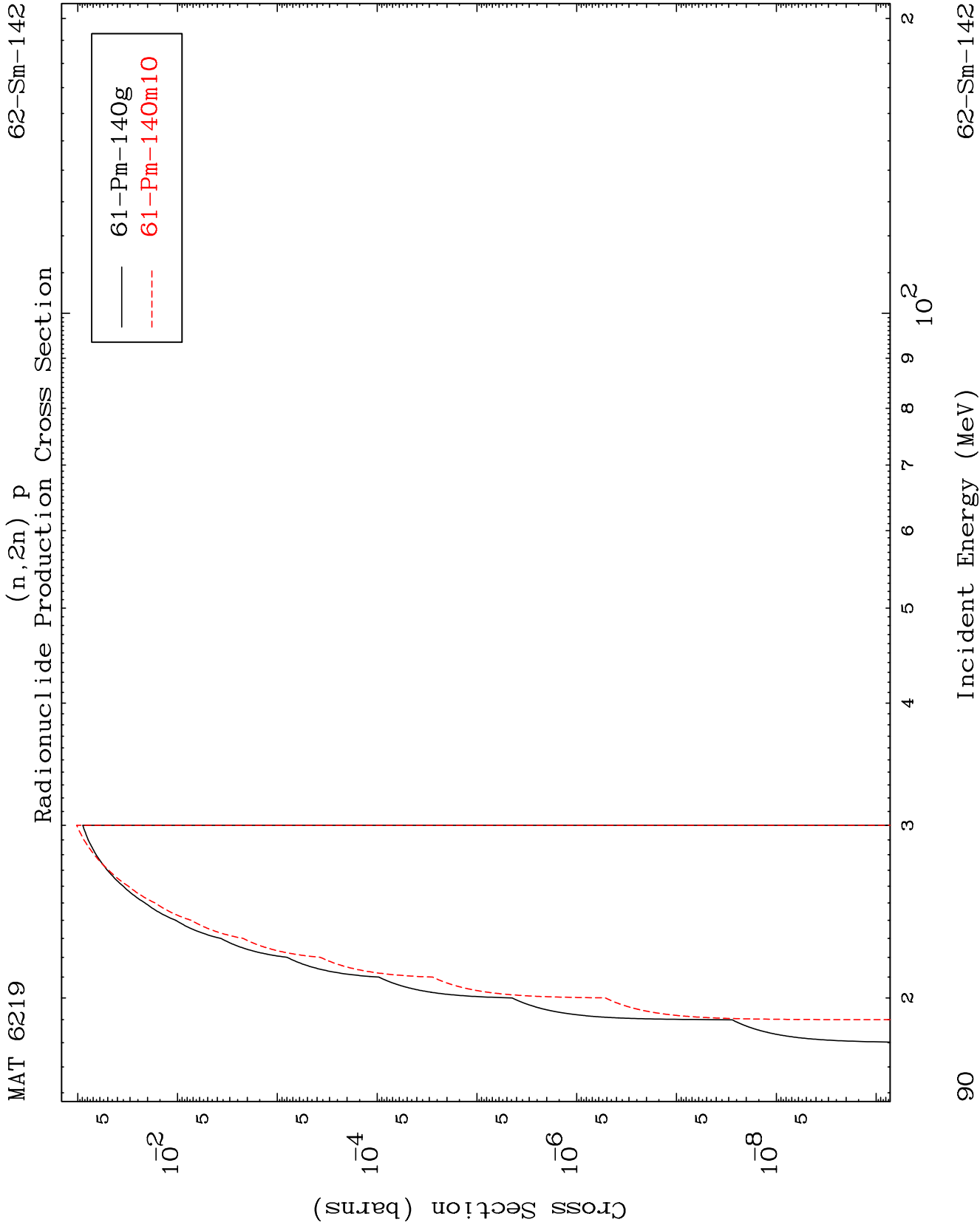


Radionuclide Production Cross Section  
(n,n') t



## Radionuclide Production Cross Section

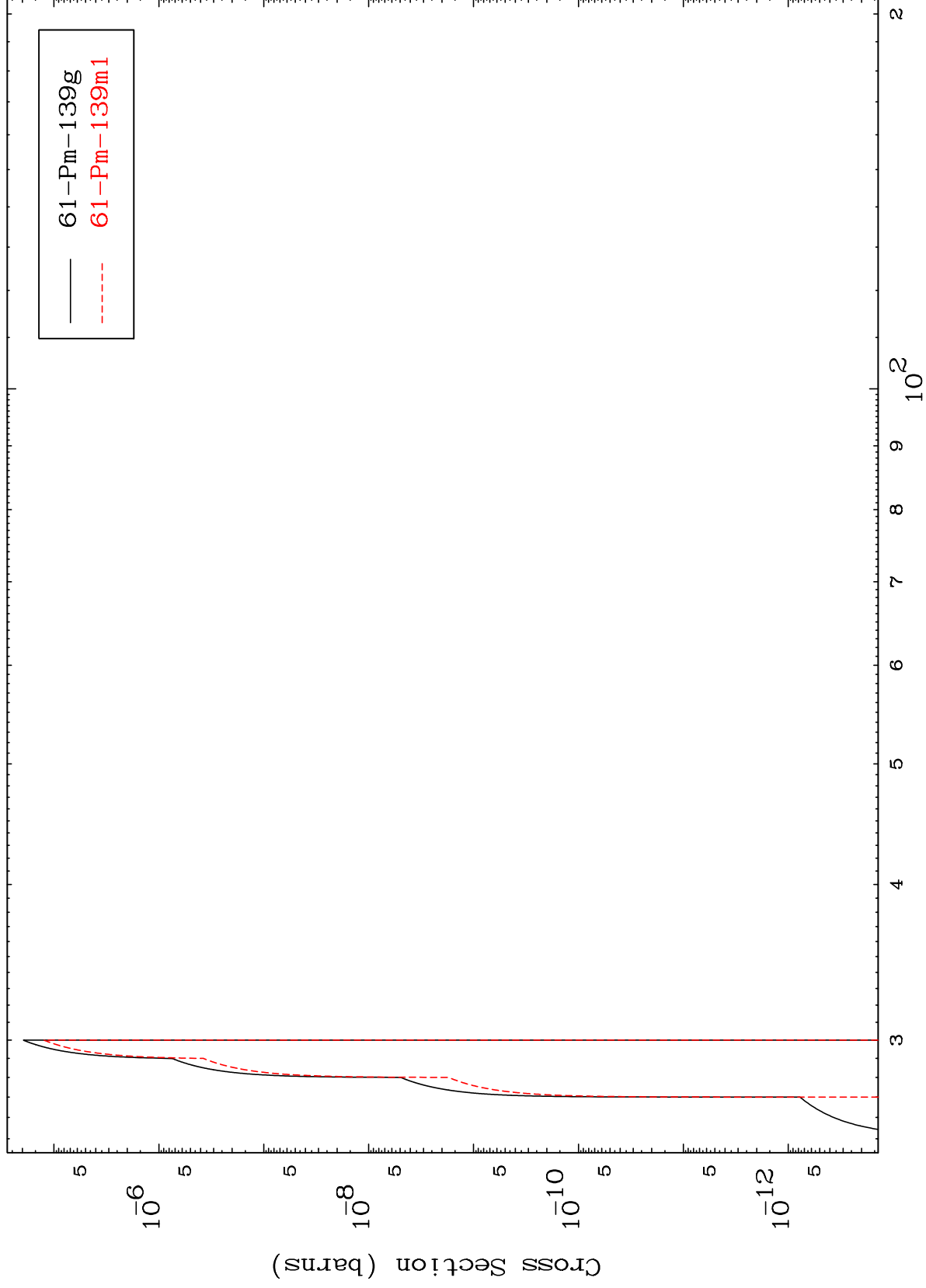




MAT 6219

62-Sm-142

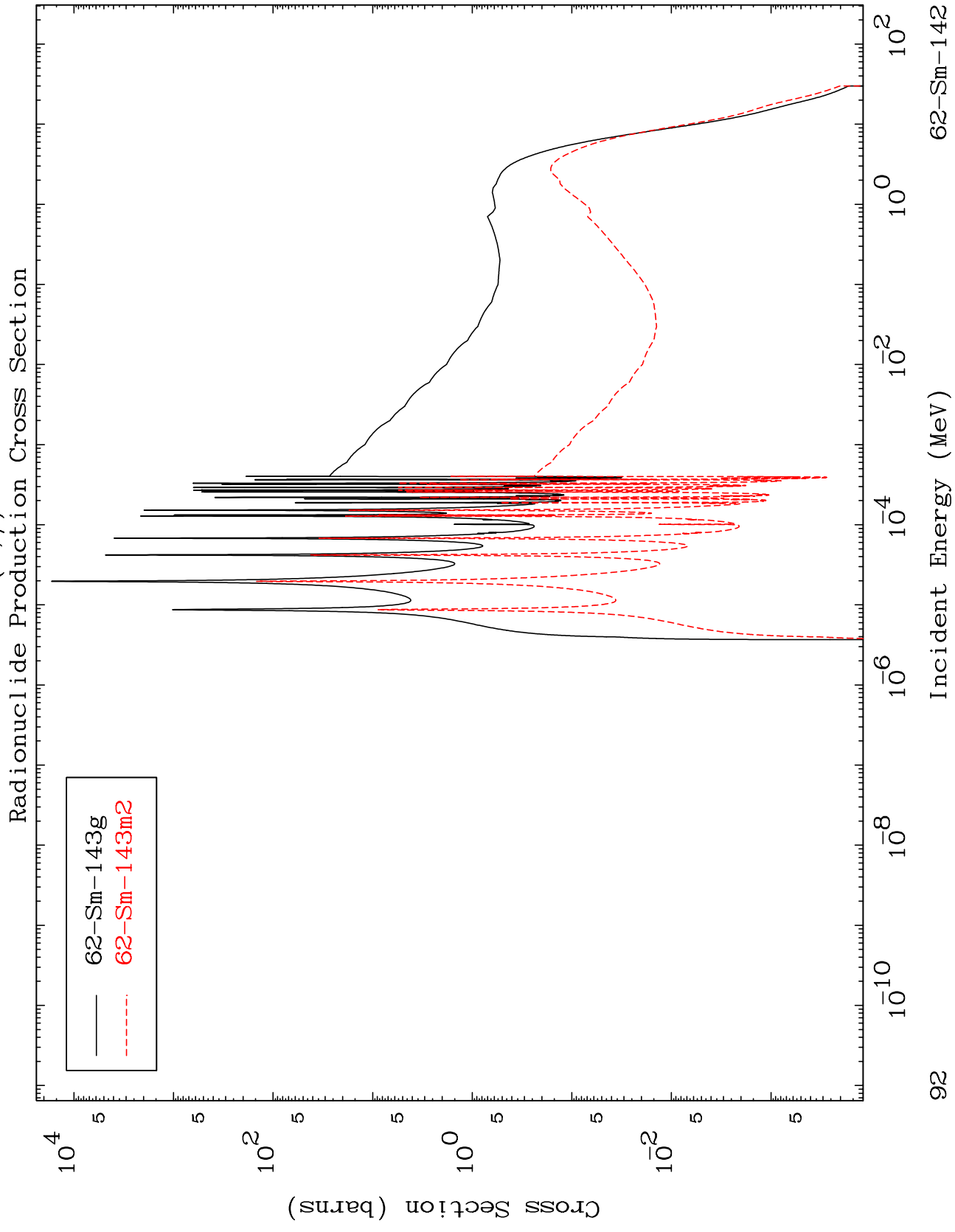
(n,3n) p  
Radionuclide Production Cross Section



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62-Sm-142

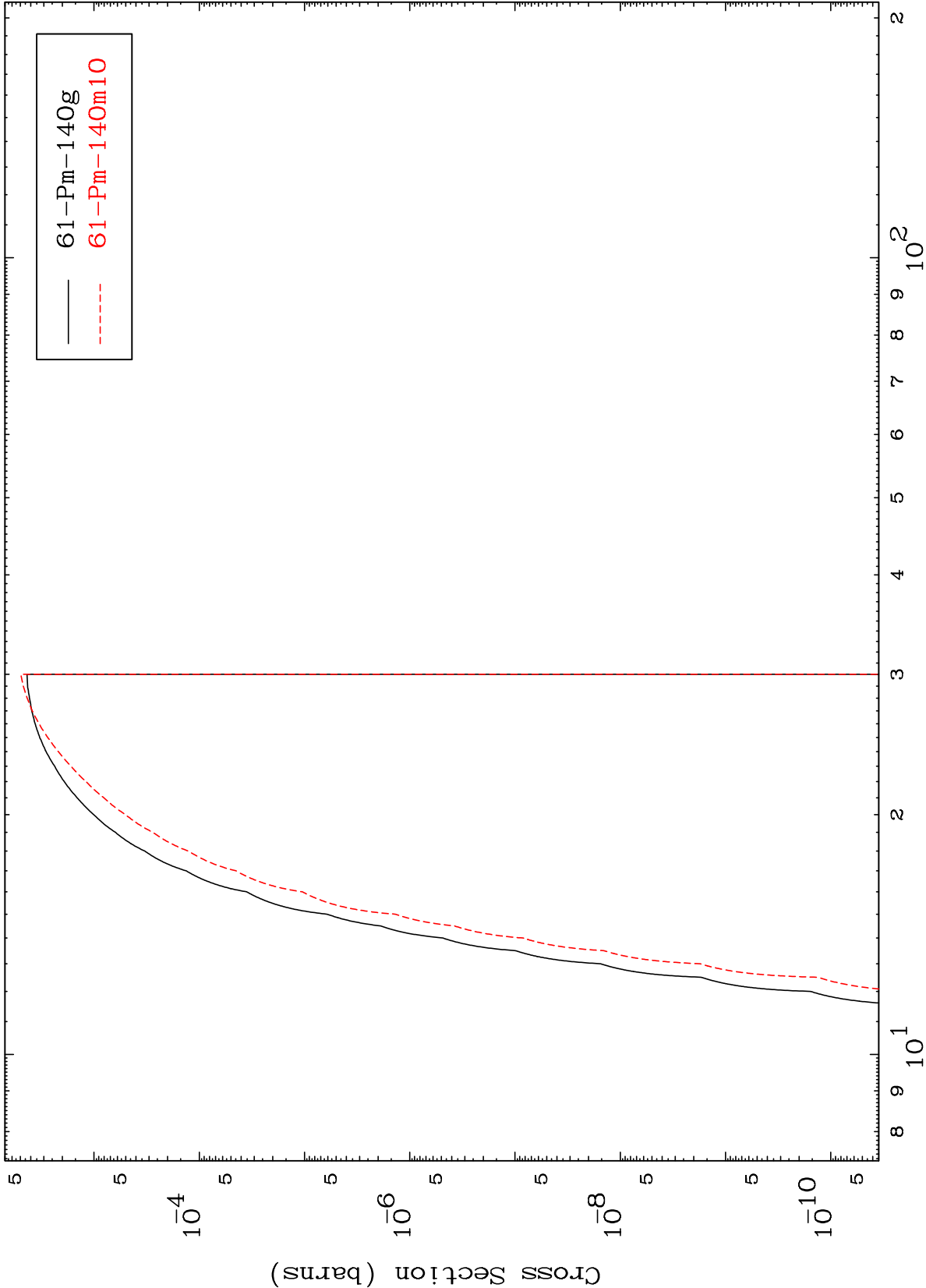
Incident Energy (MeV)



MAT 6219

62-Sm-142

(n,t)  
Radionuclide Production Cross Section

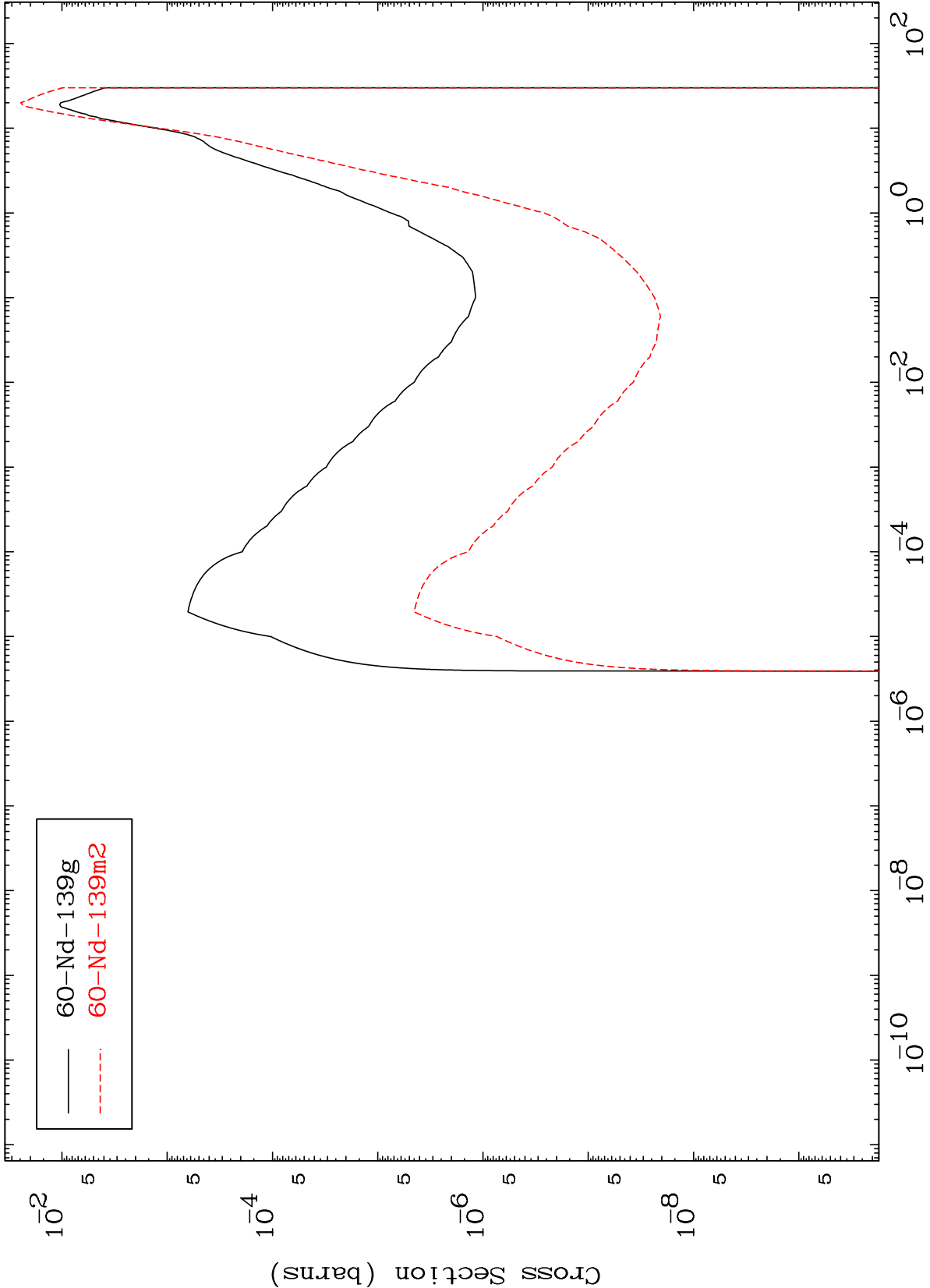


93

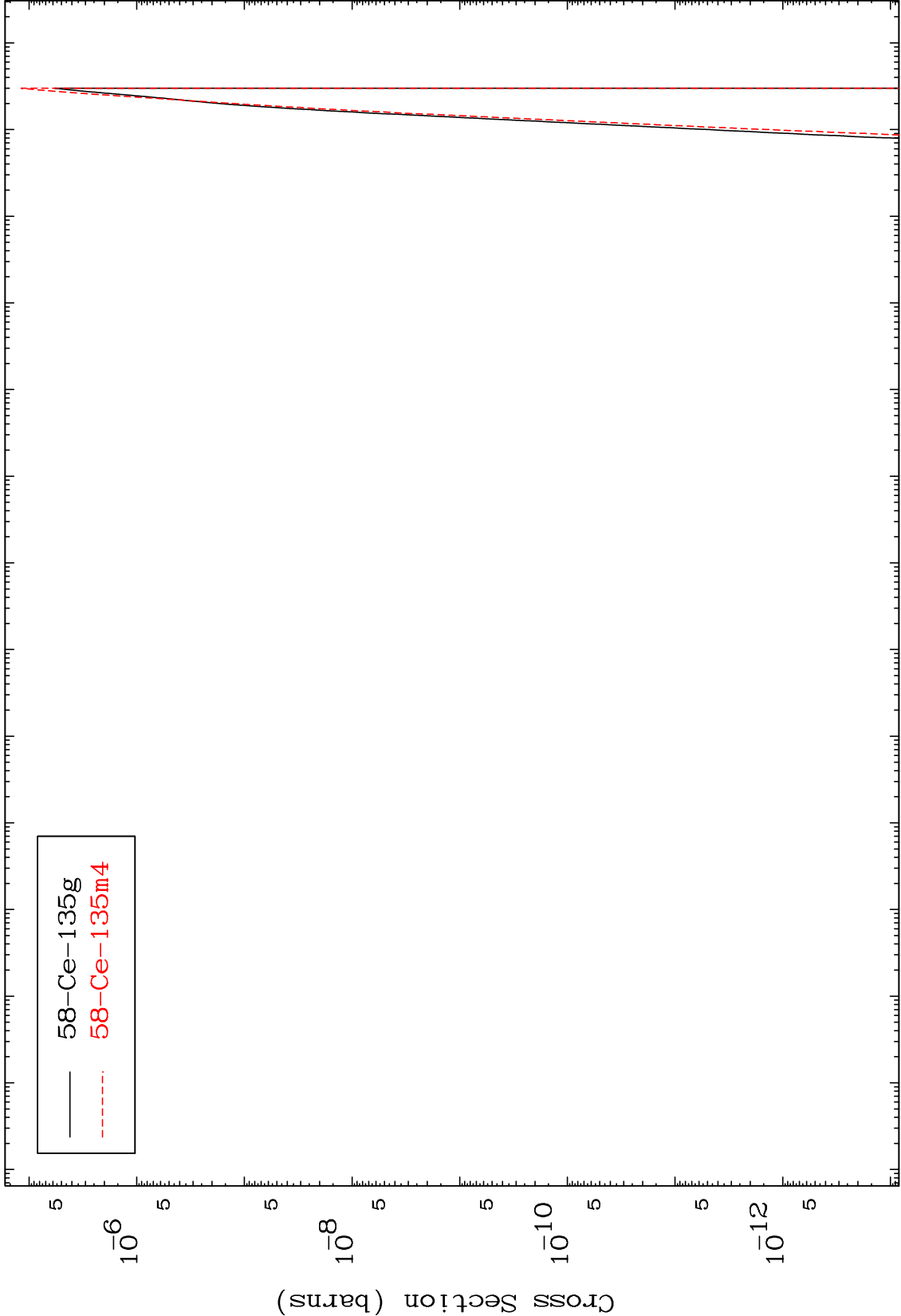
Incident Energy (MeV)

62-Sm-142

Radionuclide Production Cross Section  
(n,α)



Radionuclide Production Cross Section  
(n,2α)

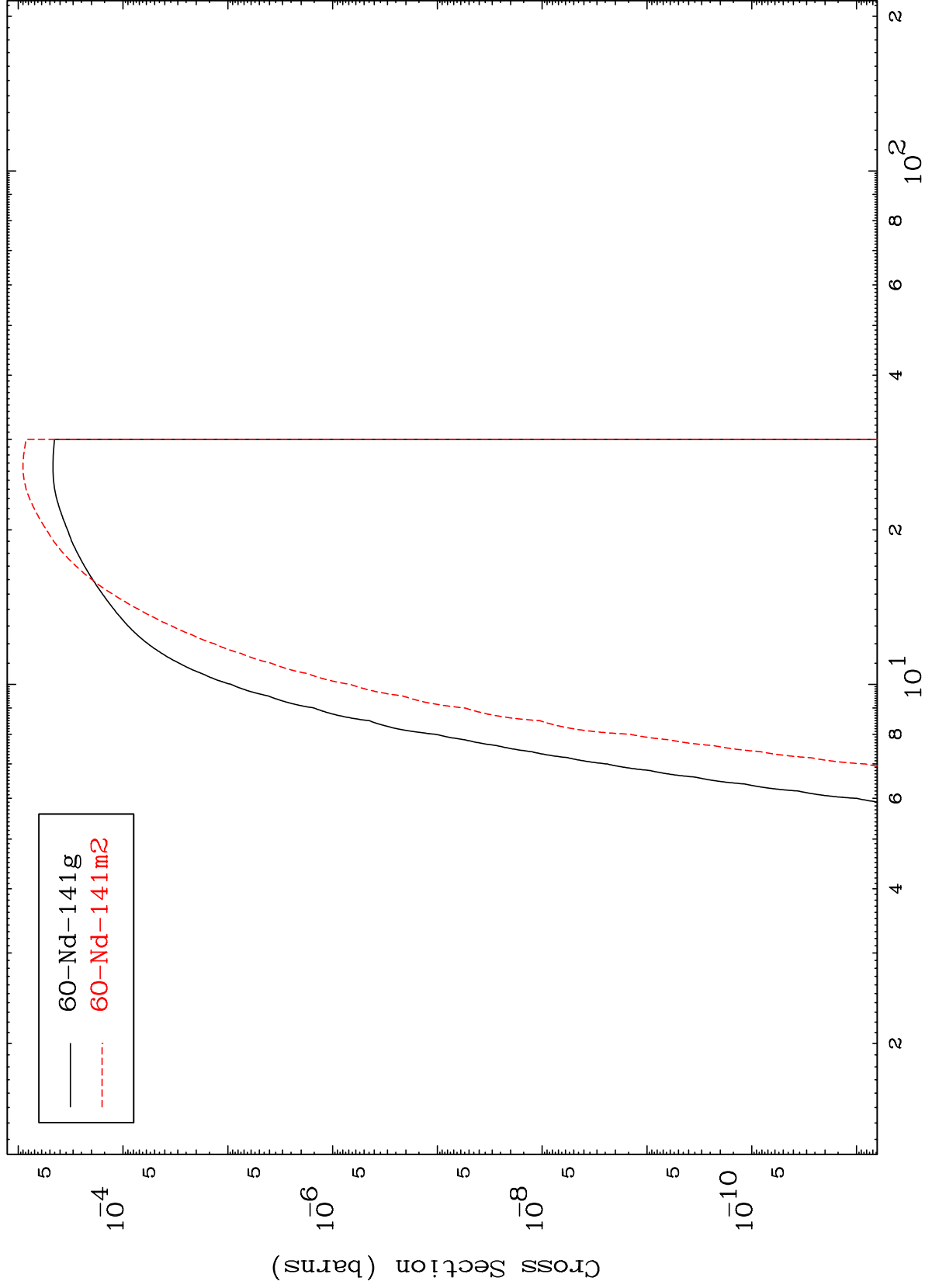




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62-Sm-142

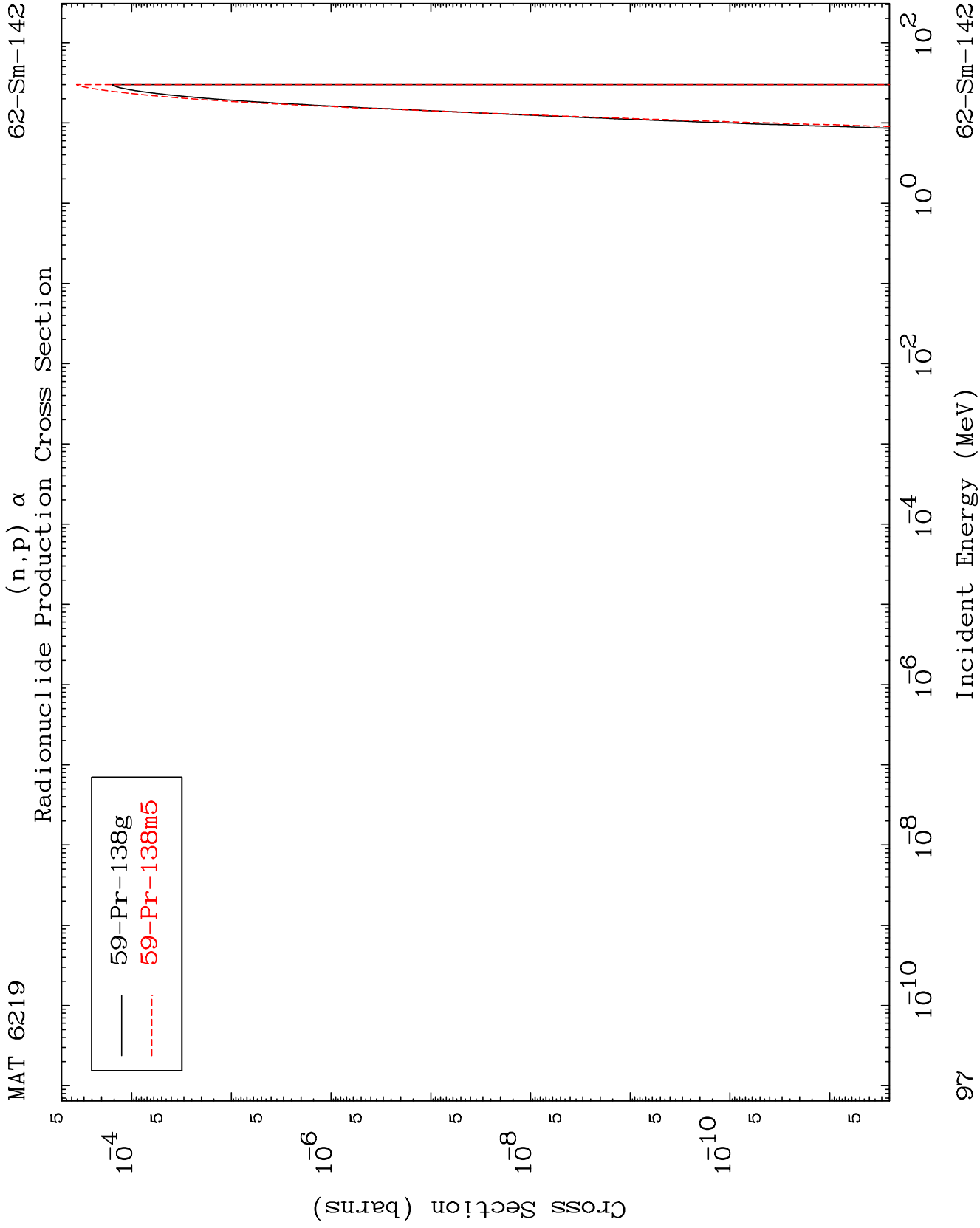
(n,2p)  
Radionuclide Production Cross Section



96

Incident Energy (MeV)

62-Sm-142



(n,p) t  
Radionuclide Production Cross Section

