

Program EVALPLOT  
(Version 2021-1)

by

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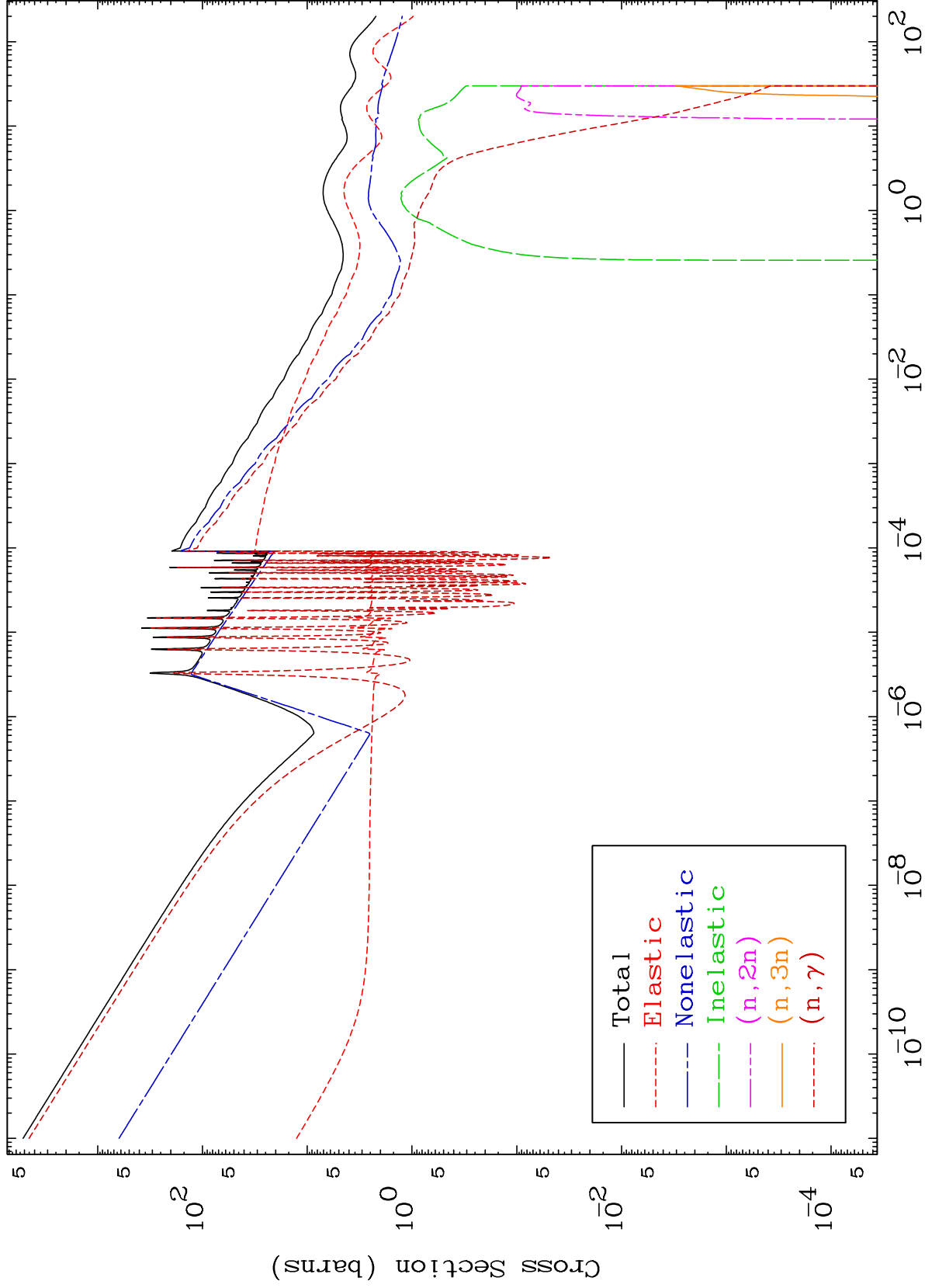
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

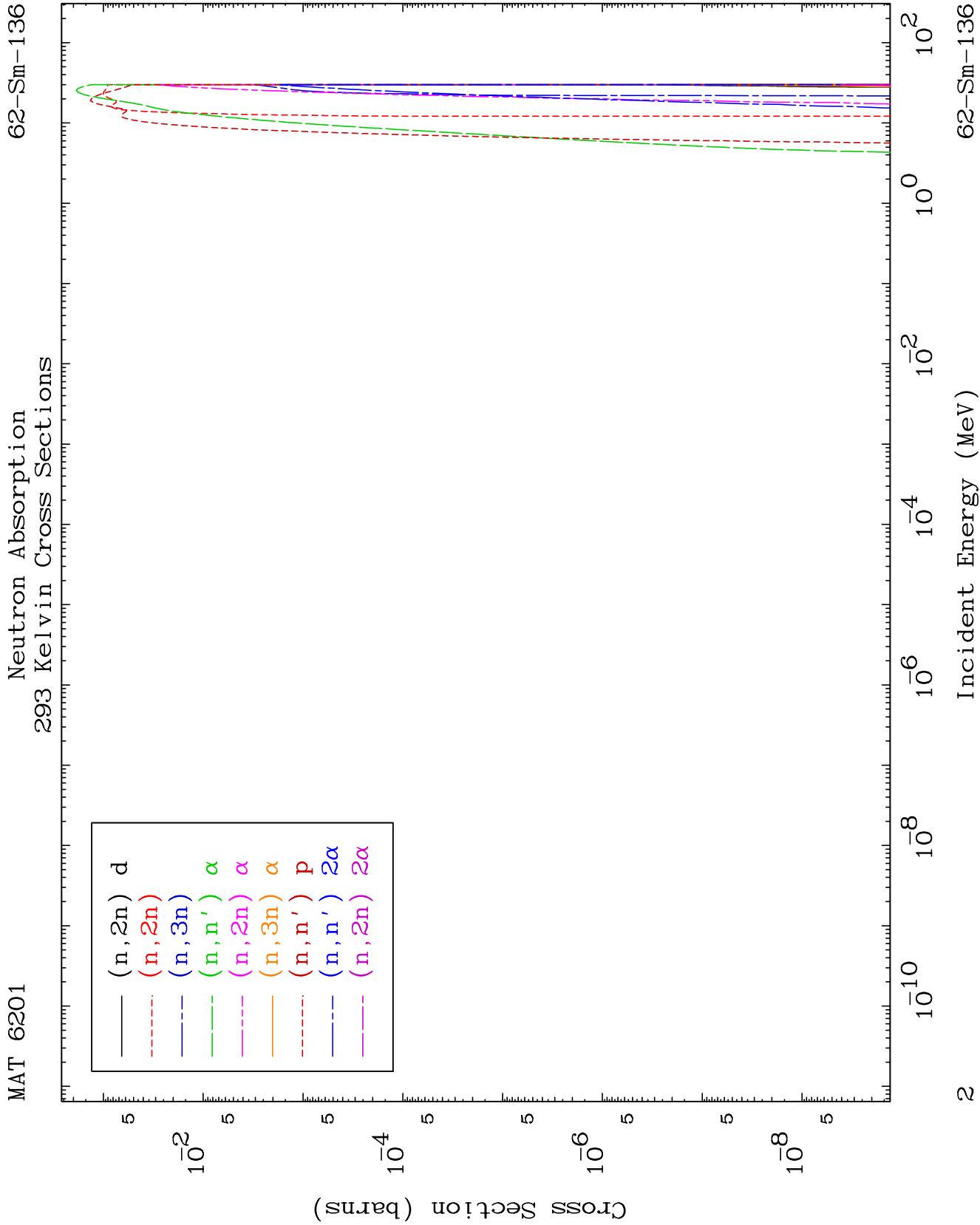
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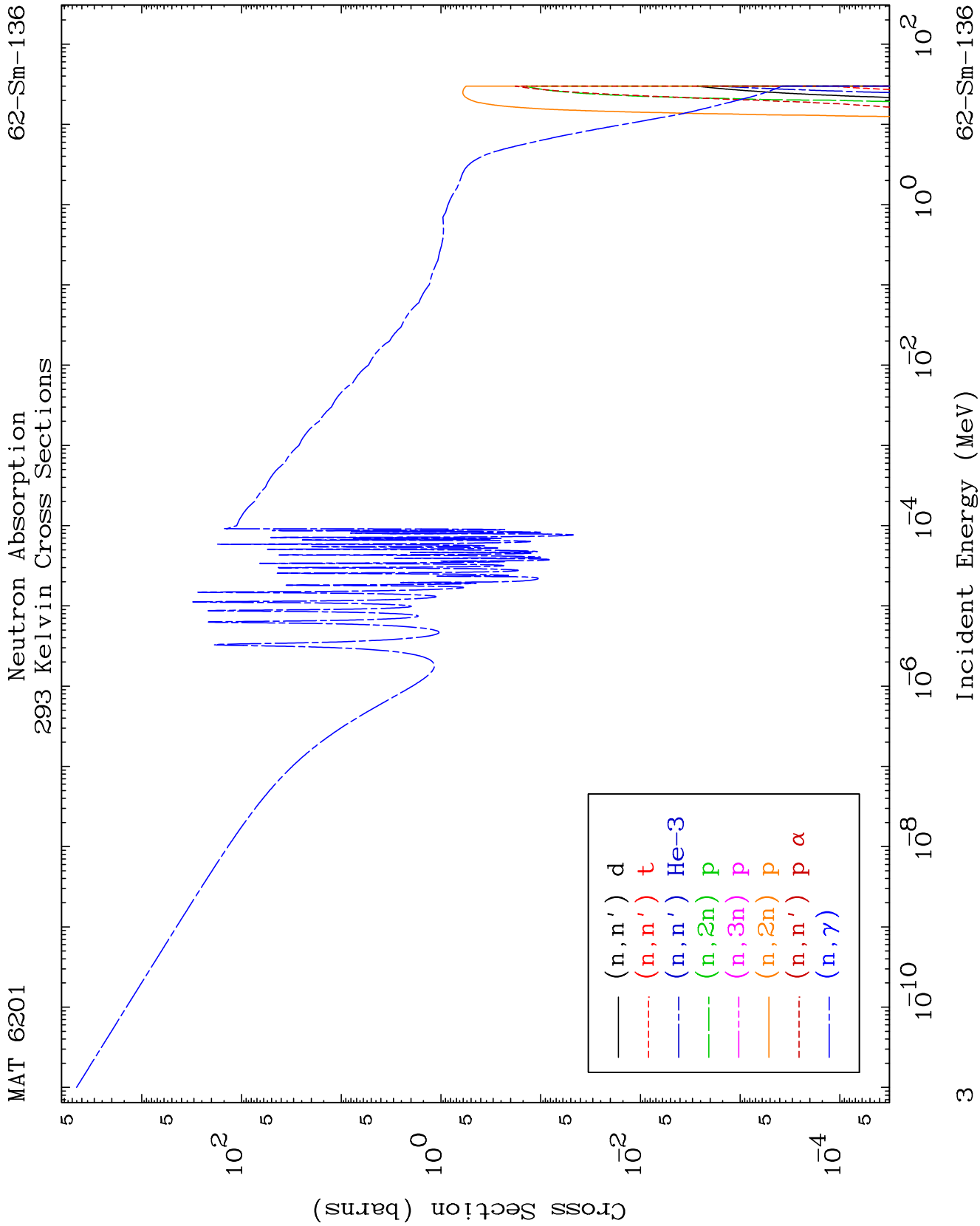
MAT 6201

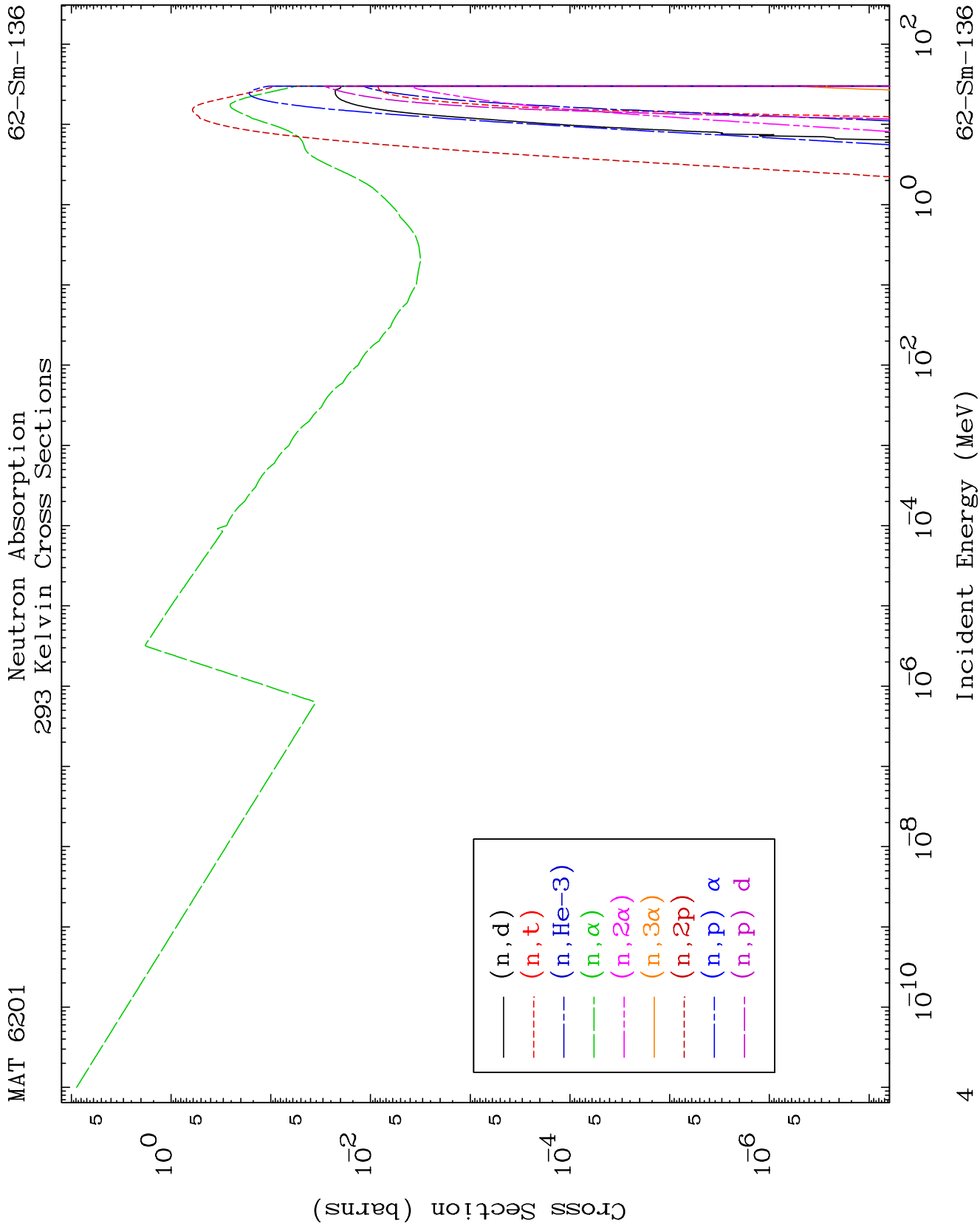
Neutron Major  
293 Kelvin Cross Sections

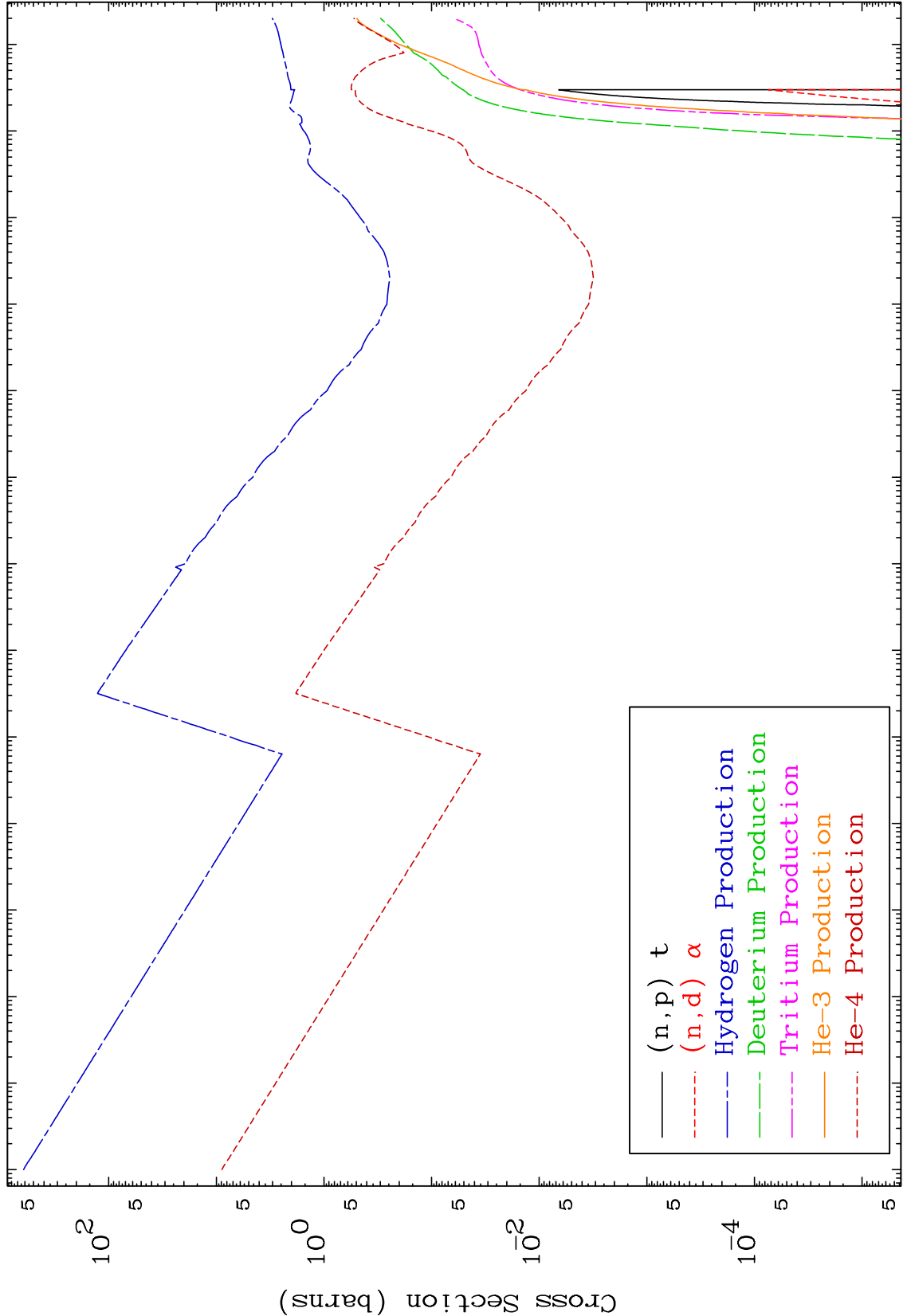
62-Sm-136

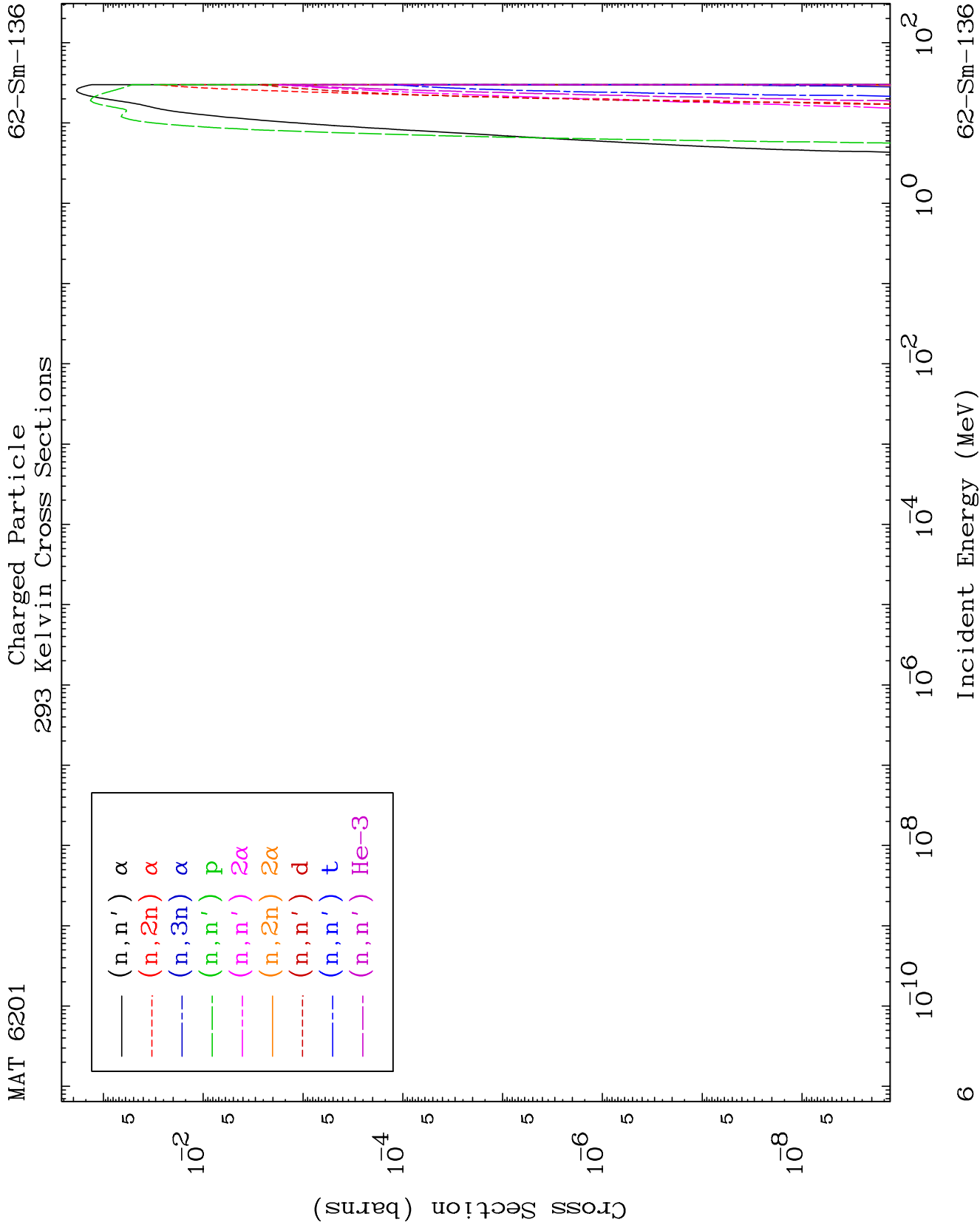


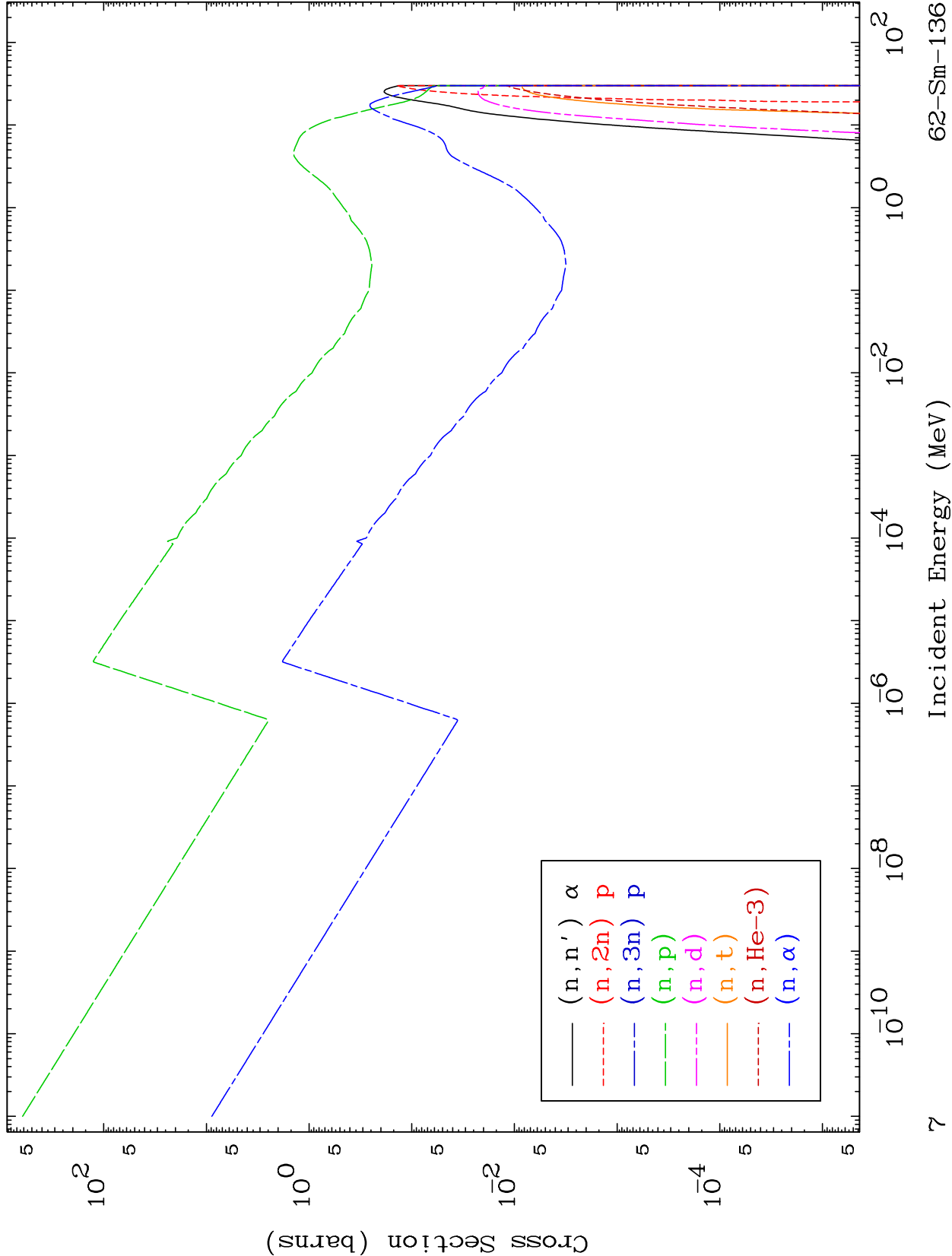




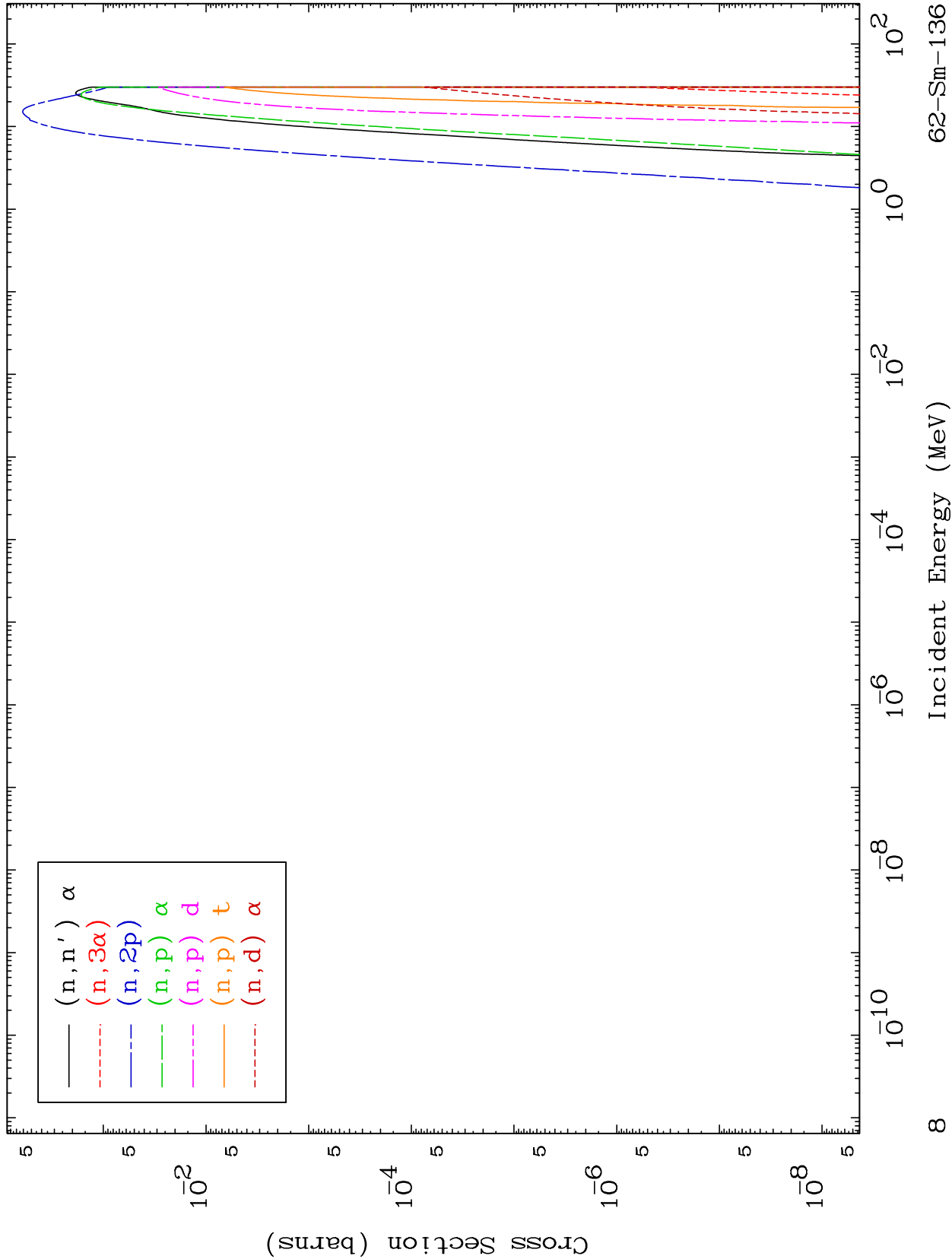


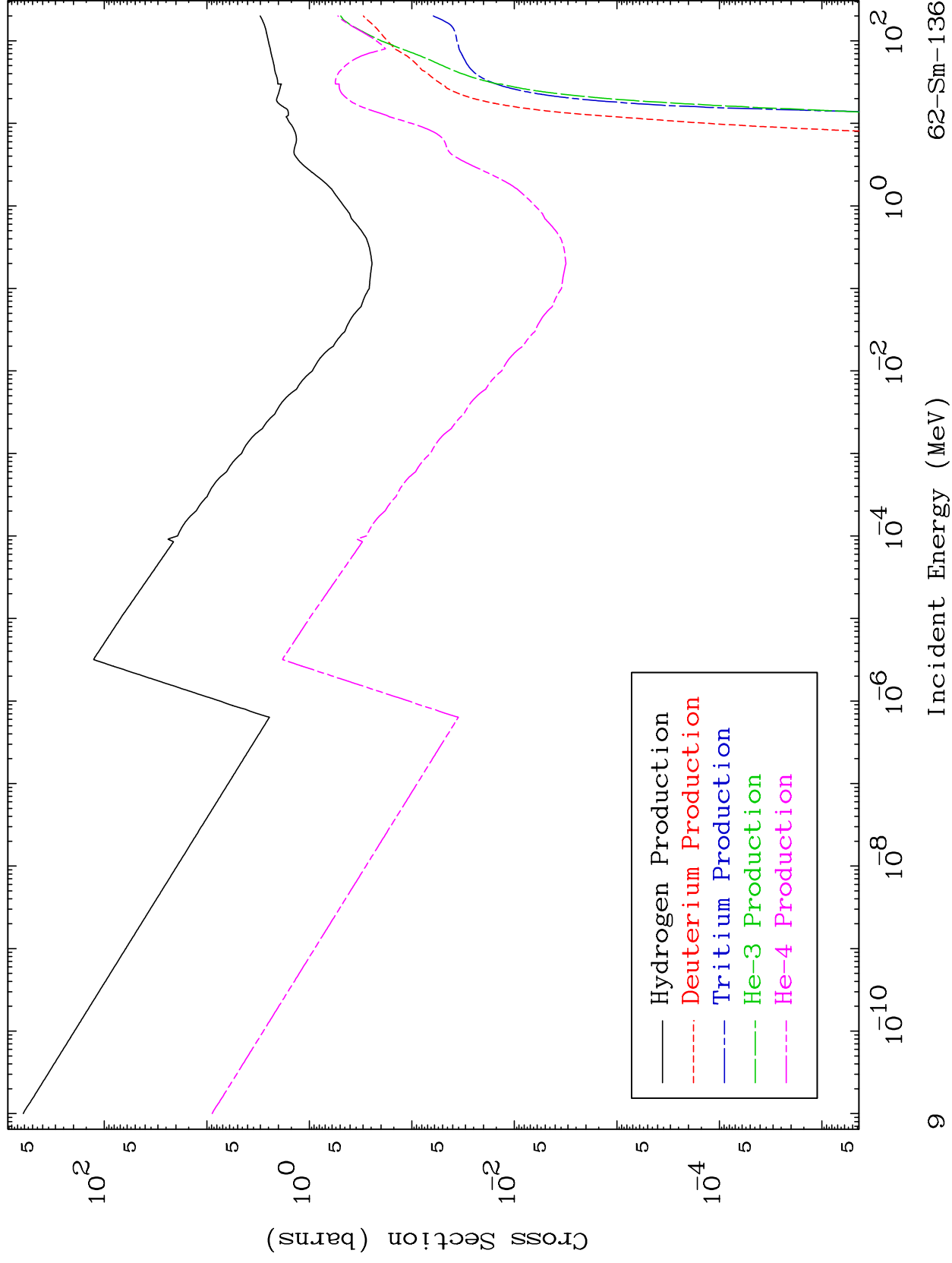








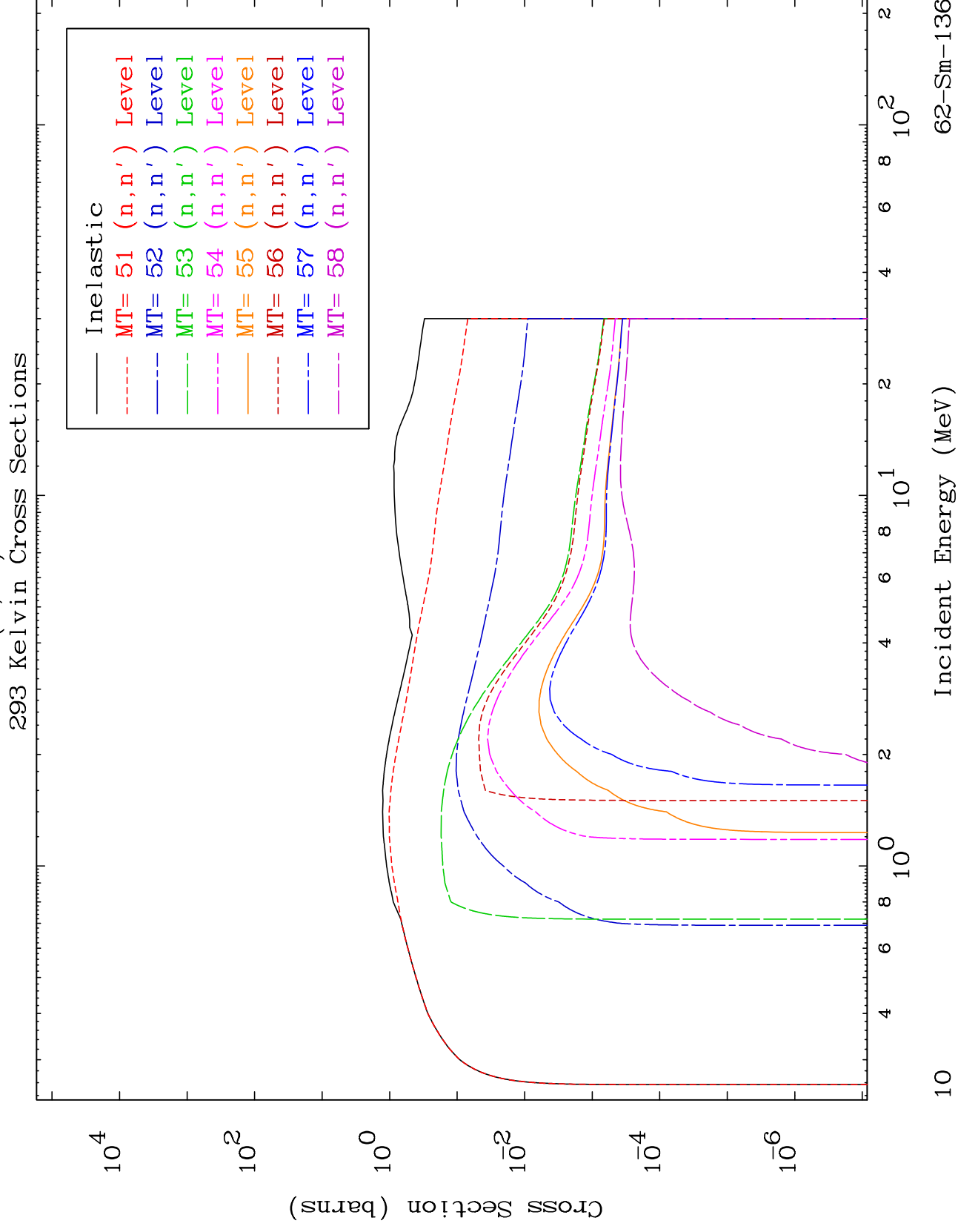


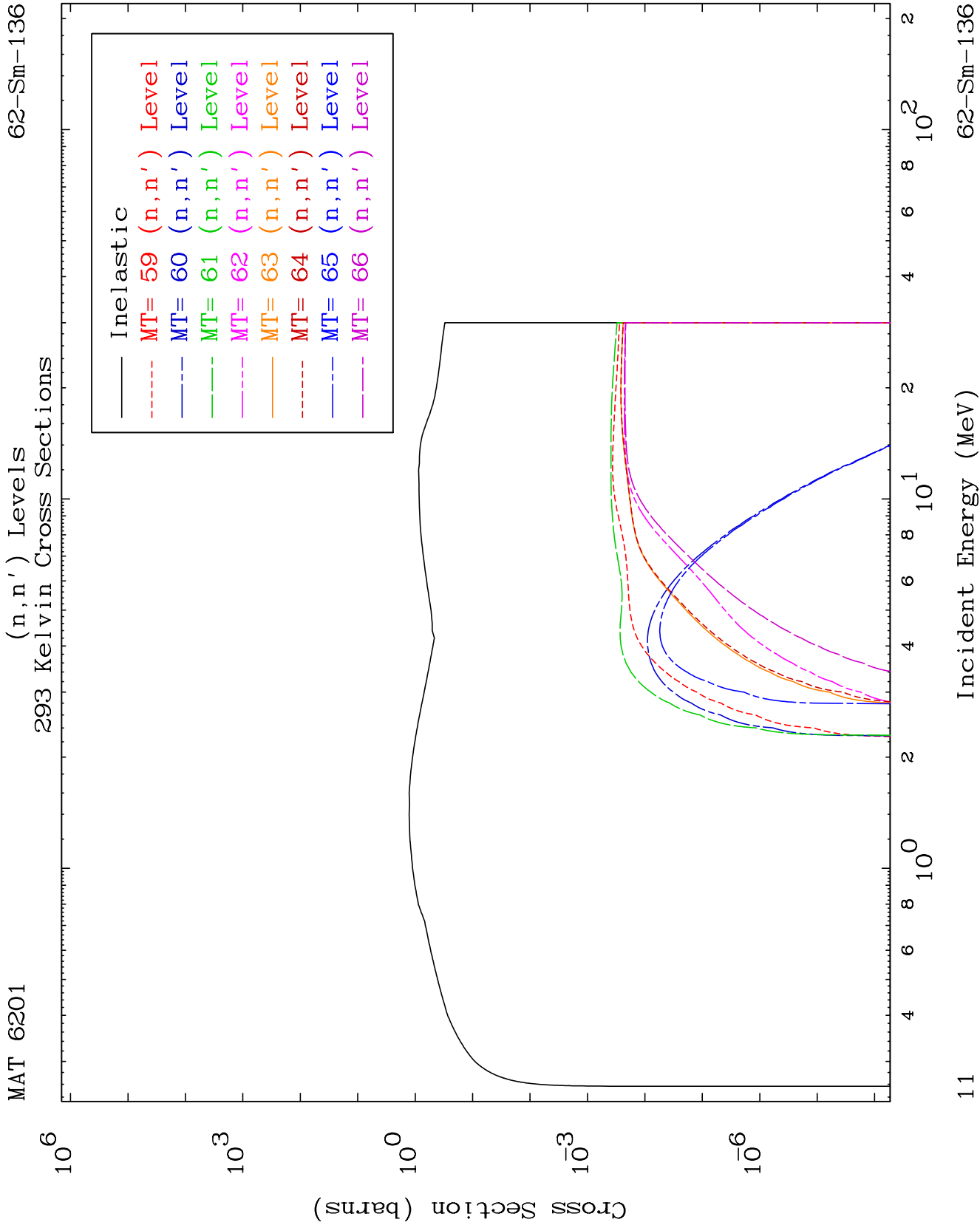


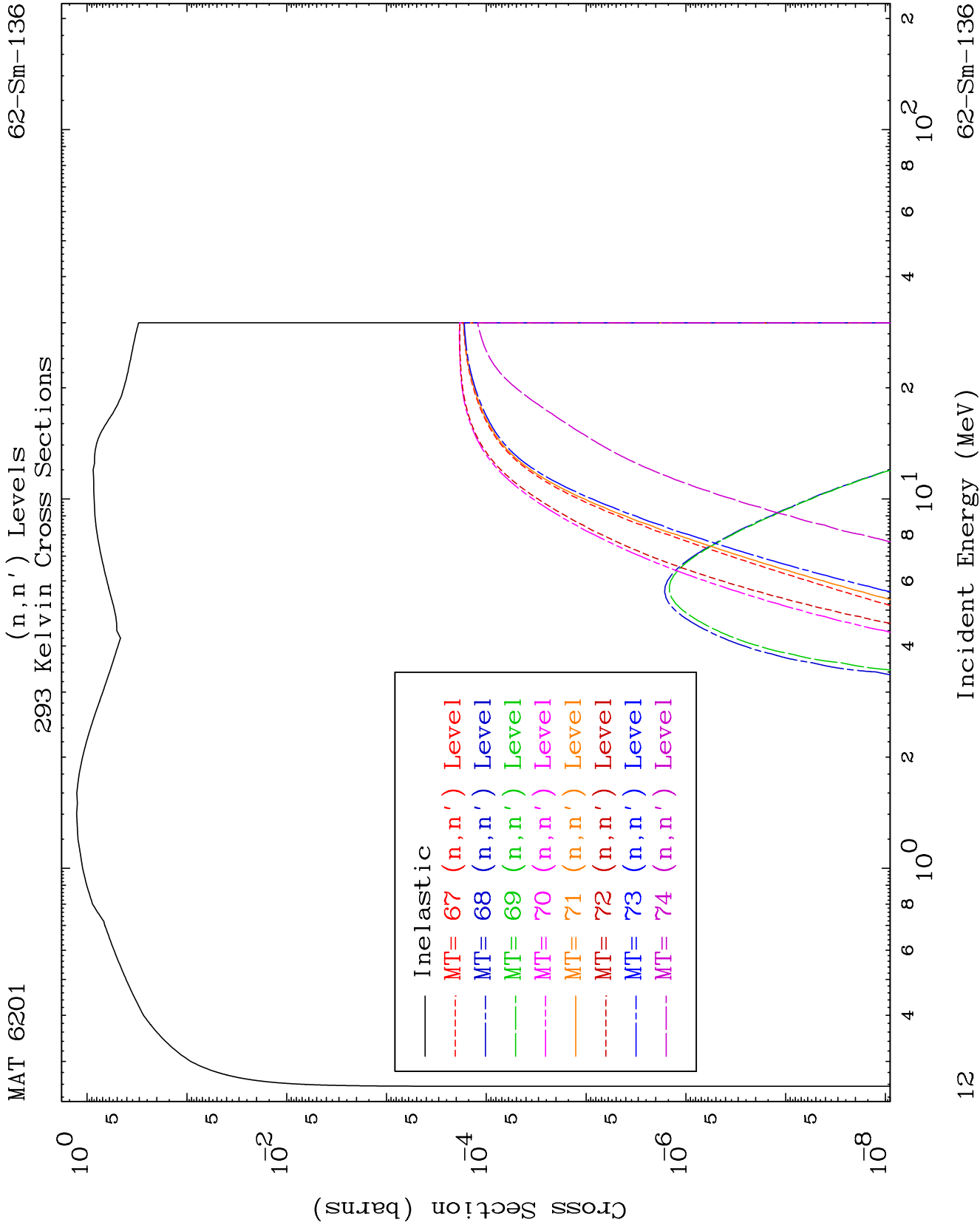
MAT 6201

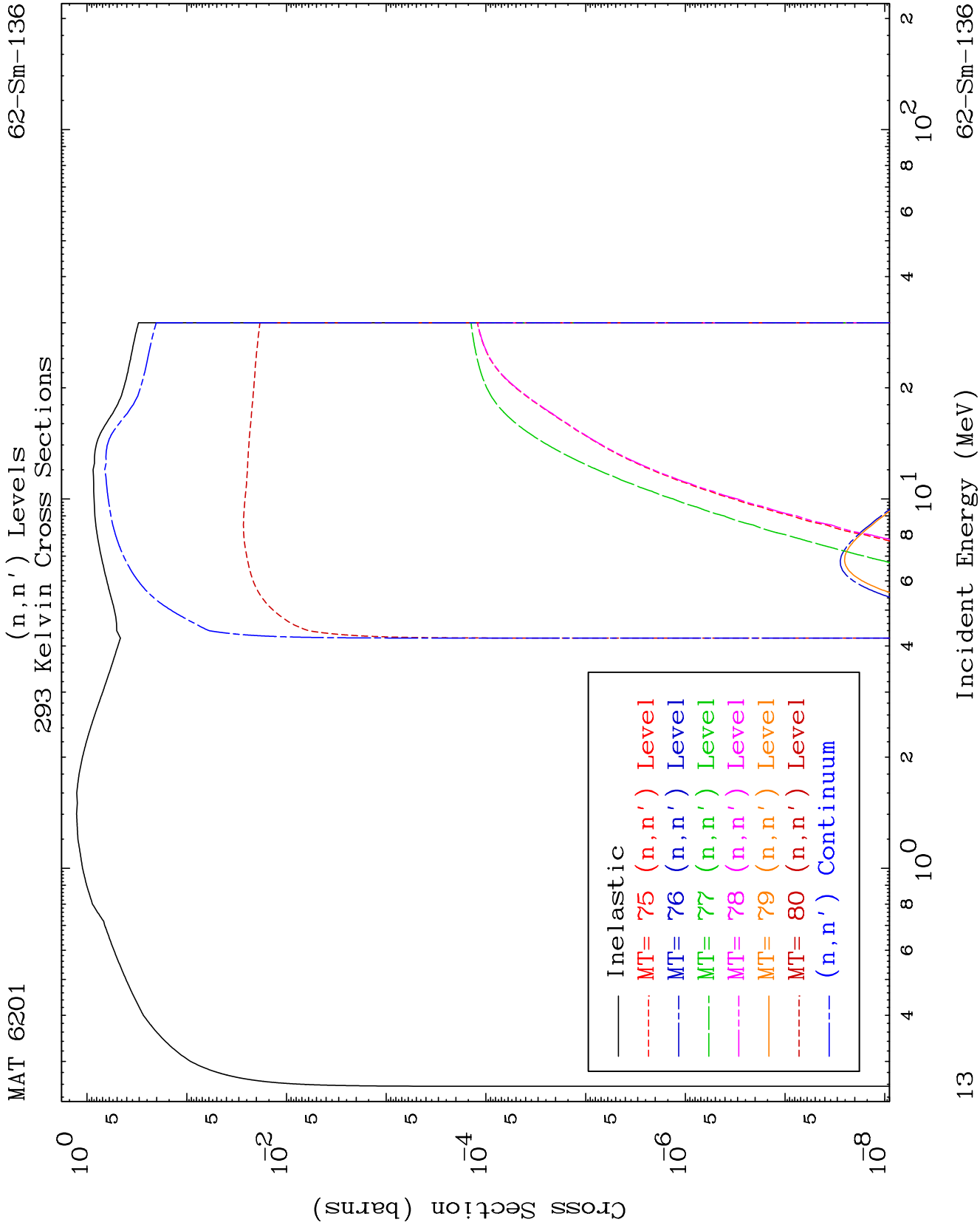
$(n, n')$  Levels

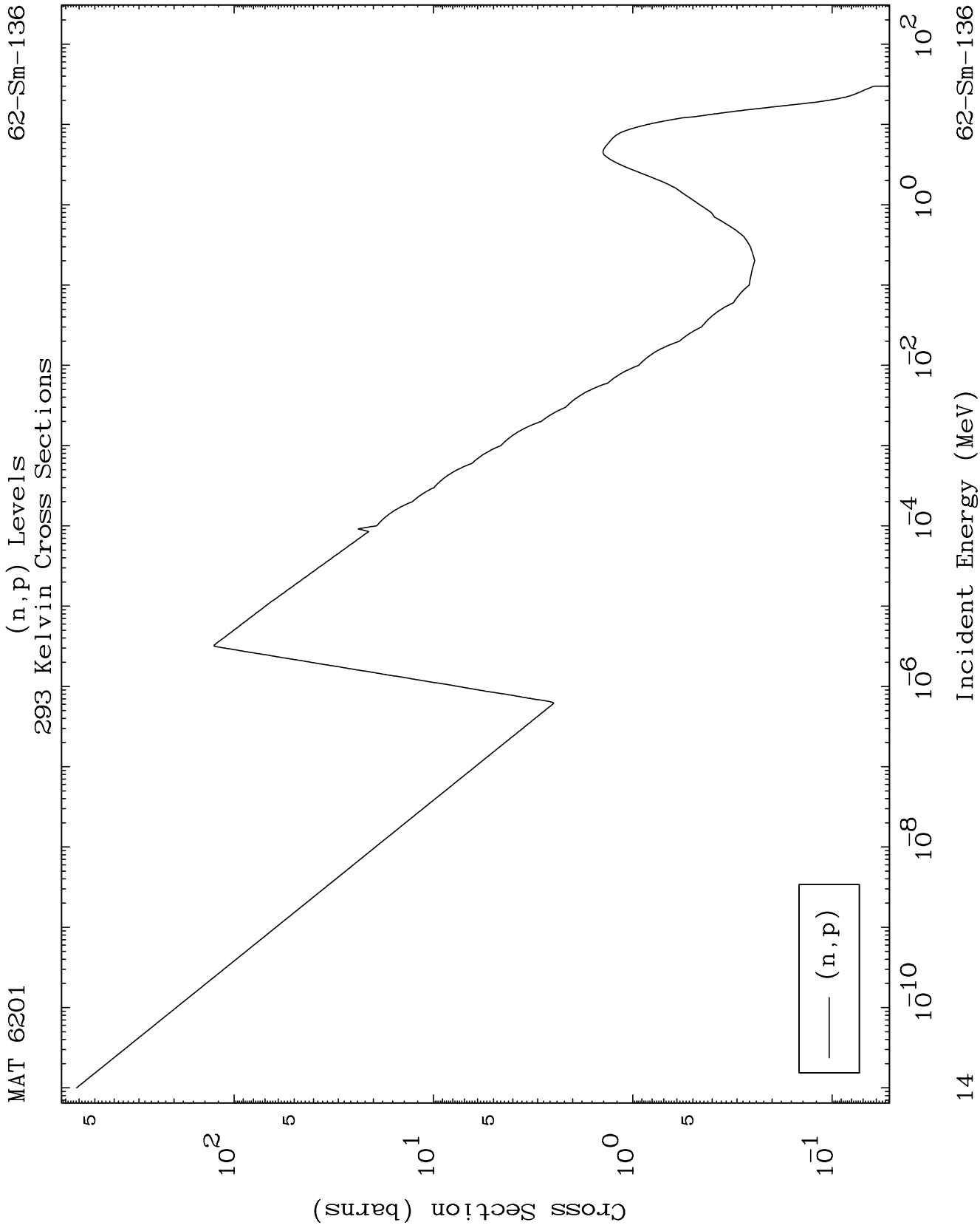
62-Sm-136







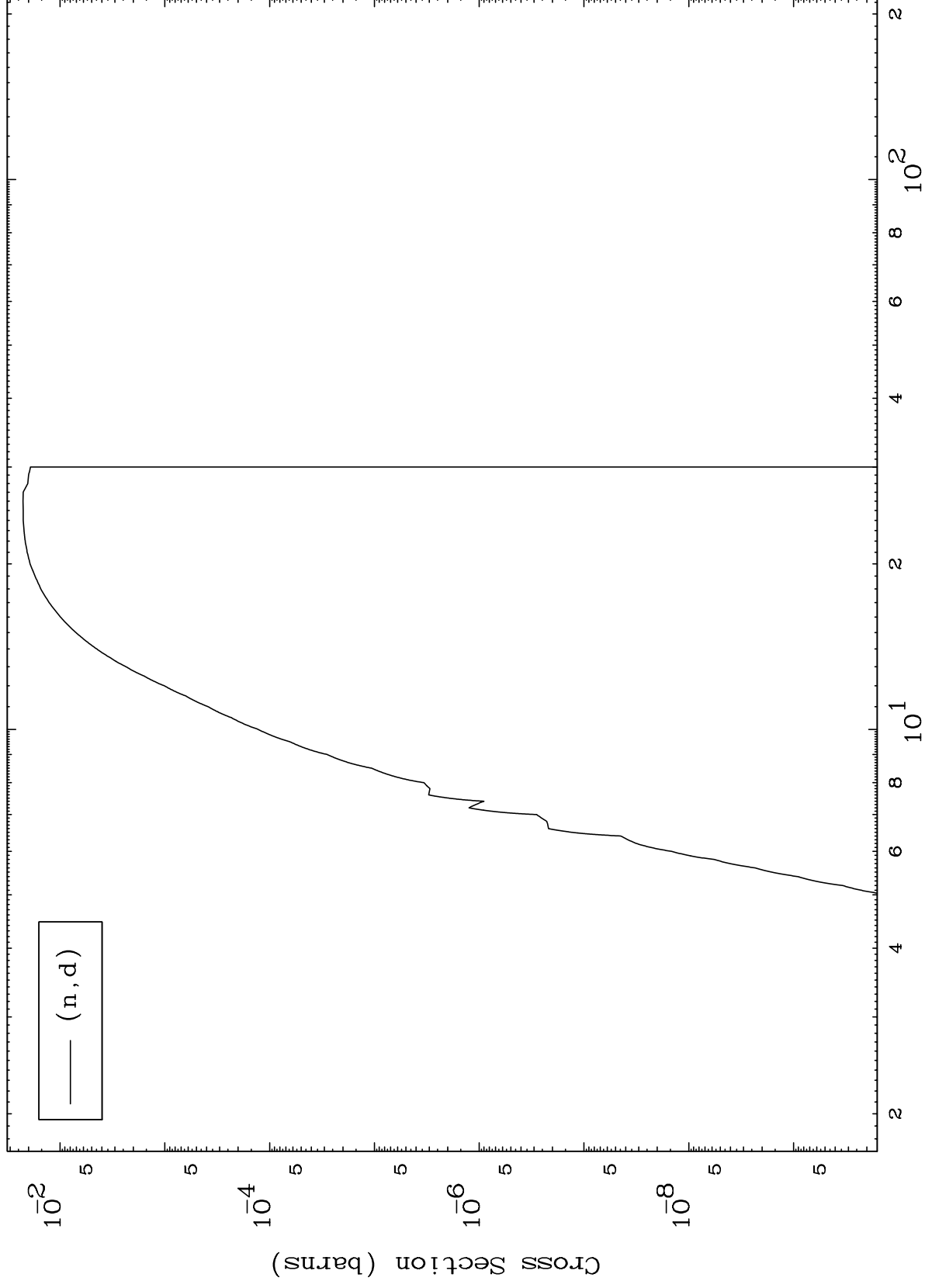




MAT 6201

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-136

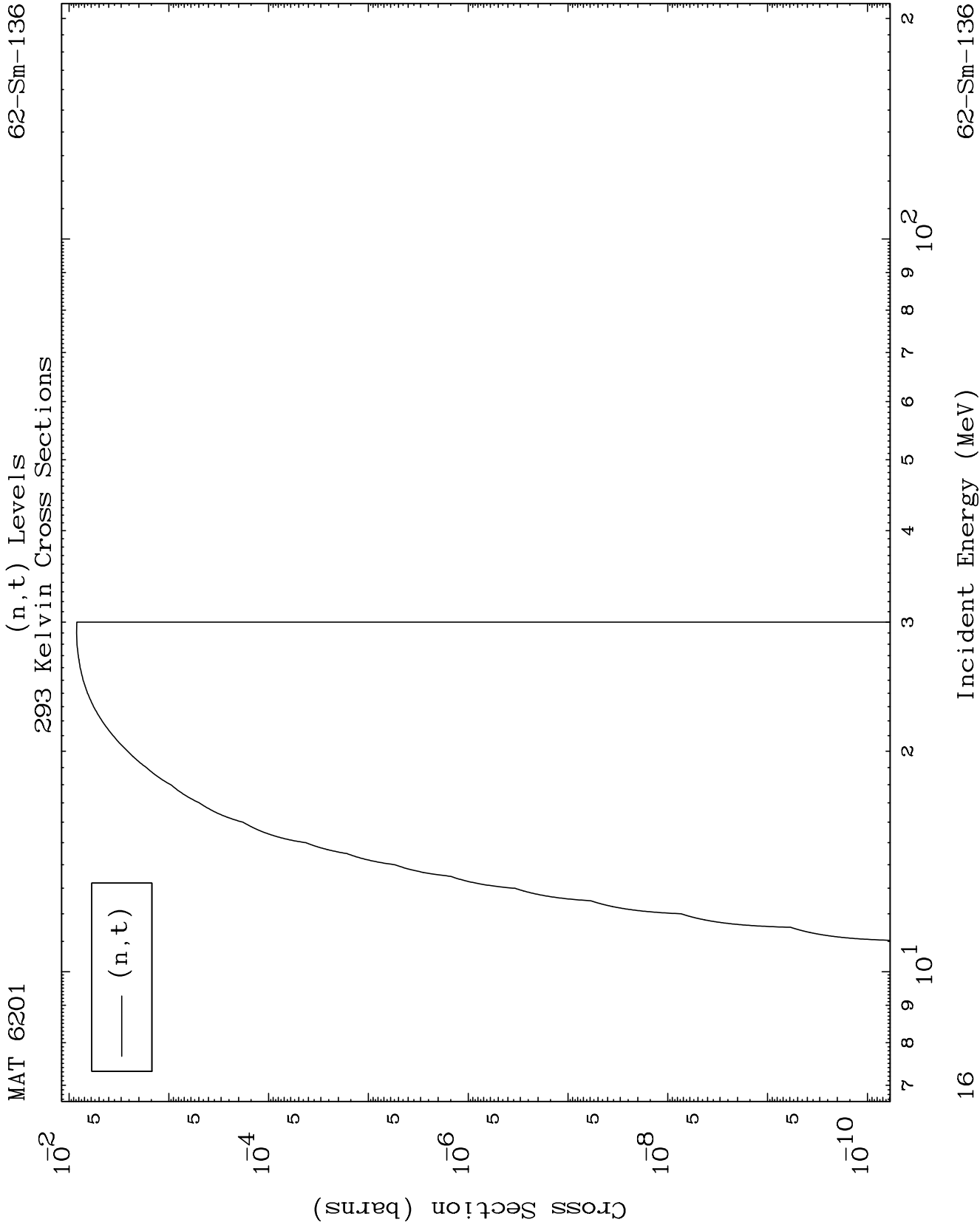


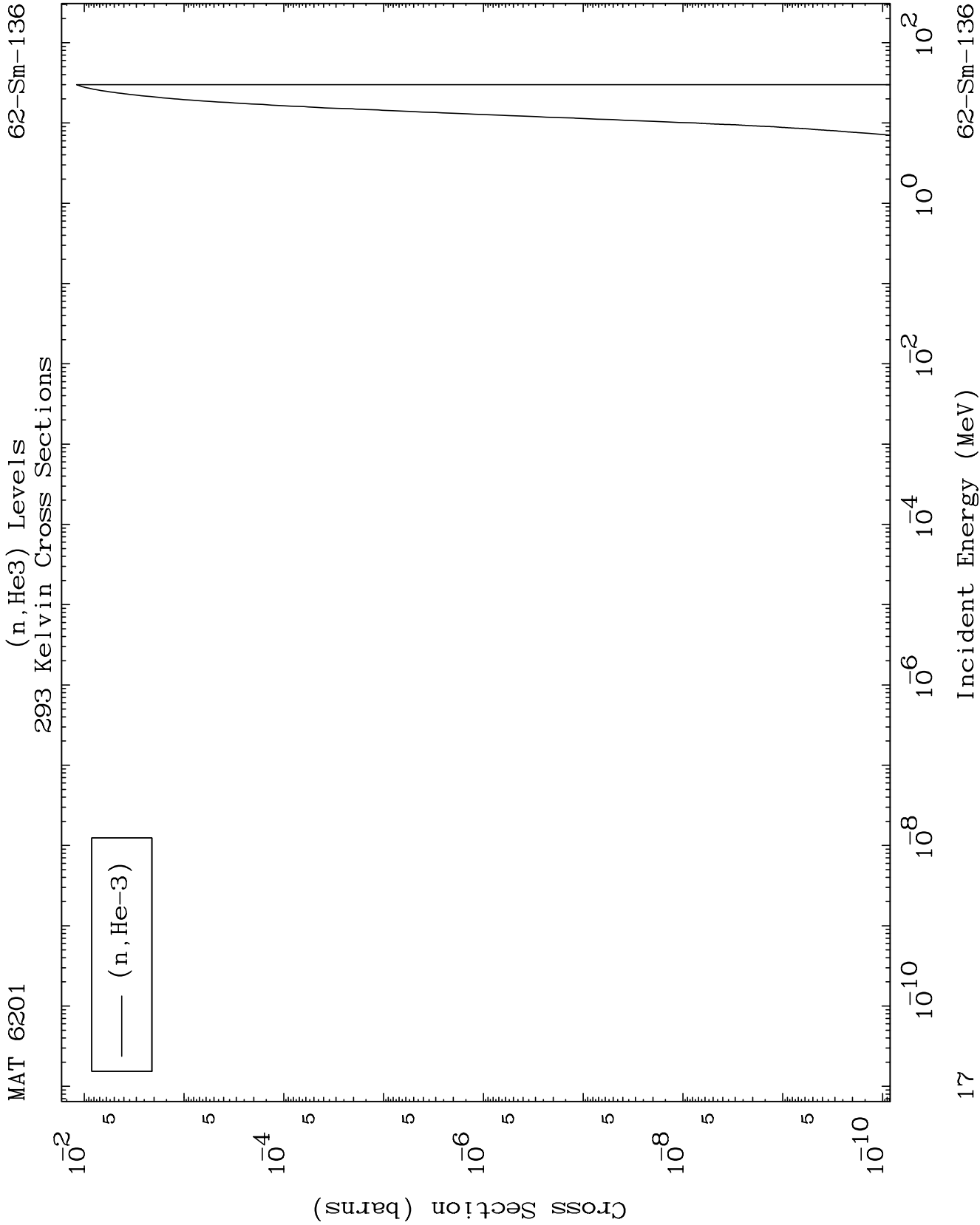
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Incident Energy (MeV)

62-Sm-136



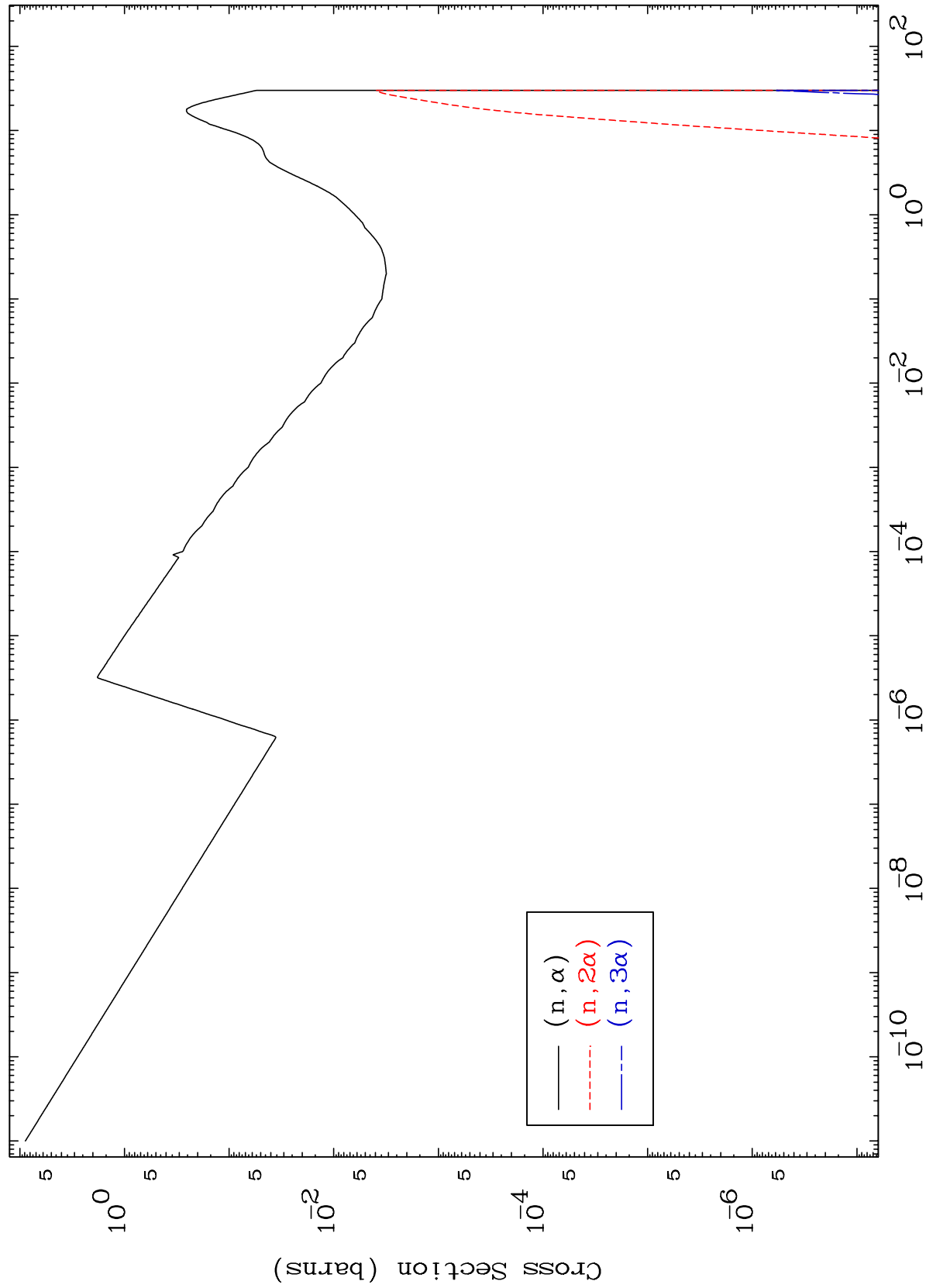




MAT 6201

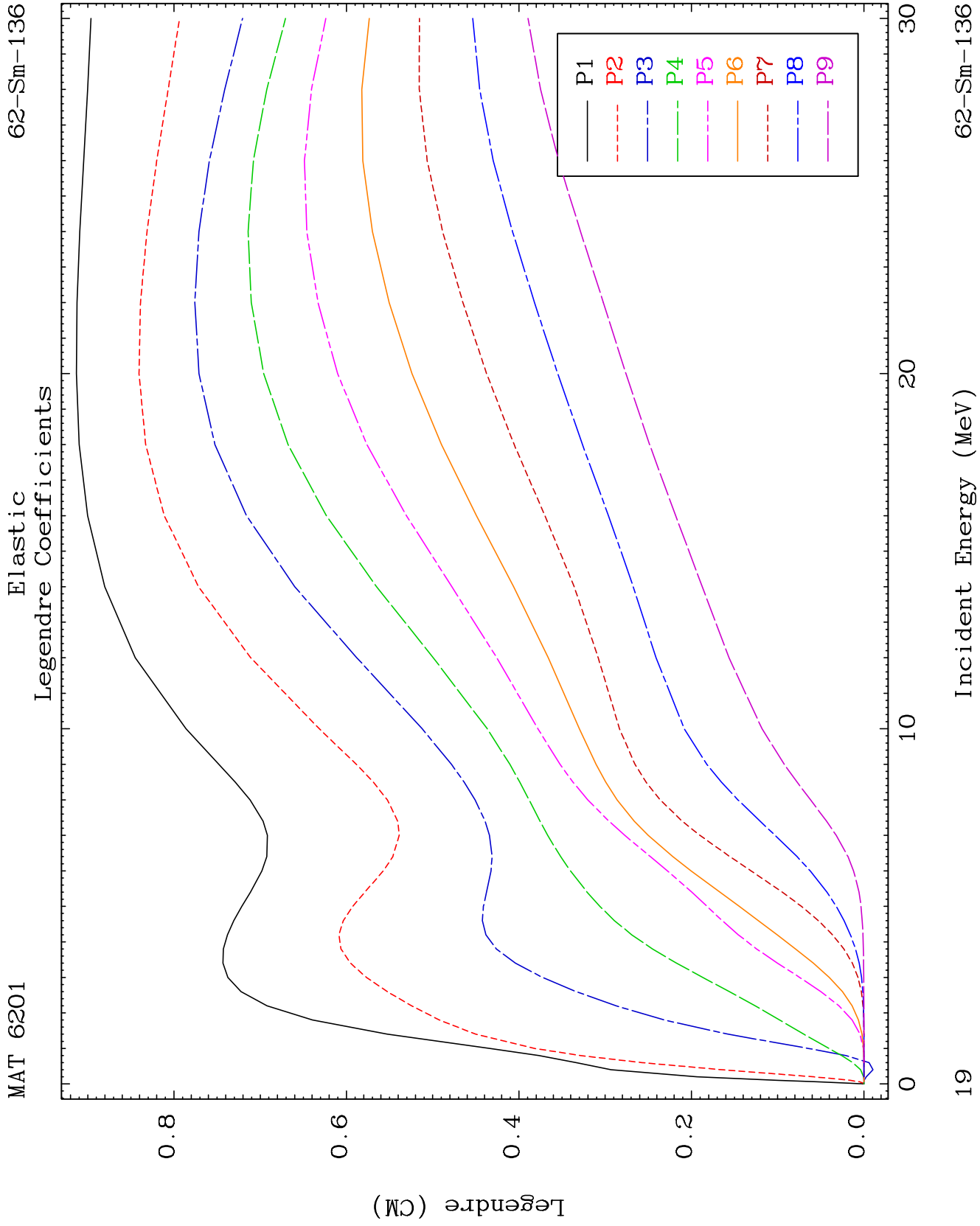
62-Sm-136

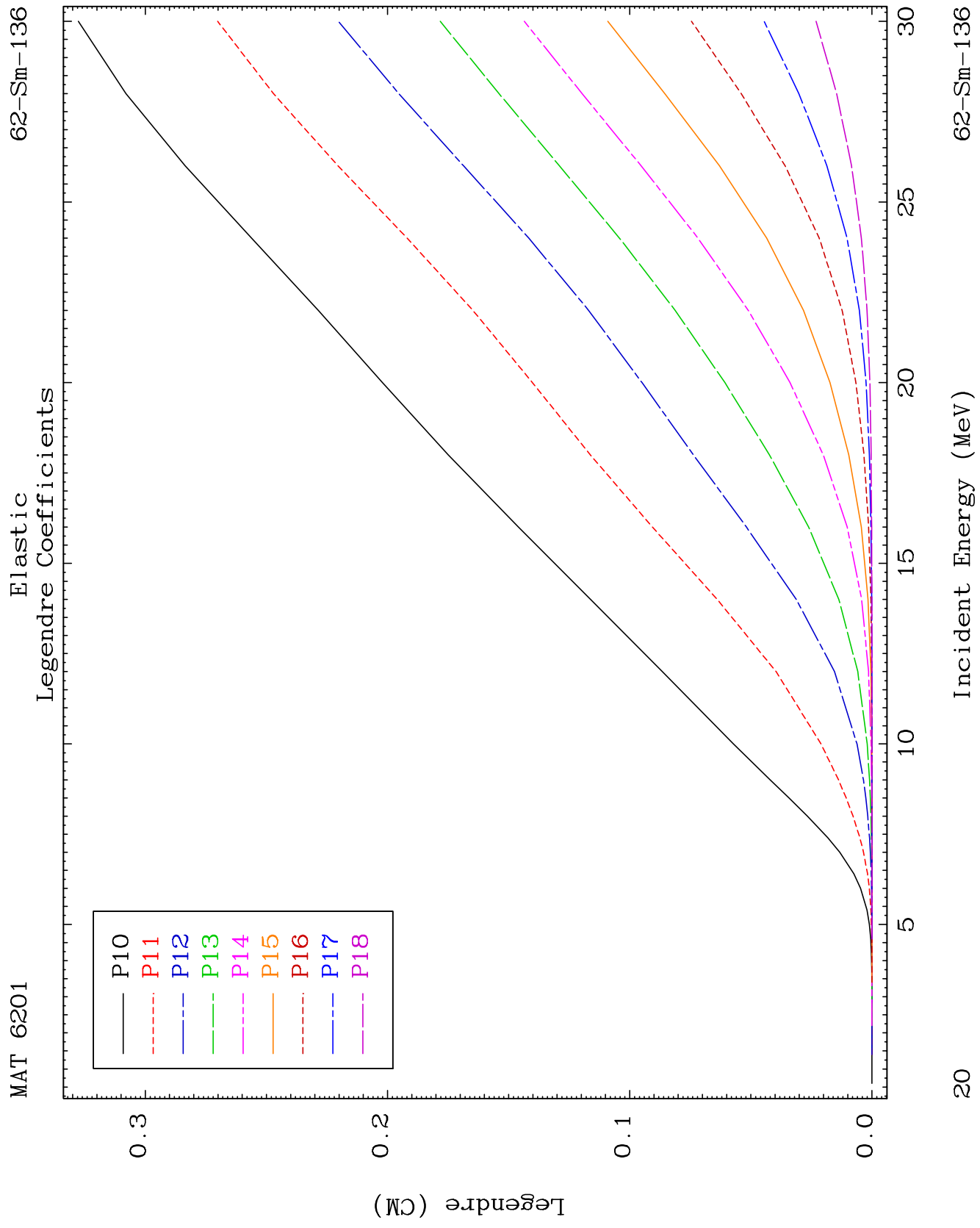
(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

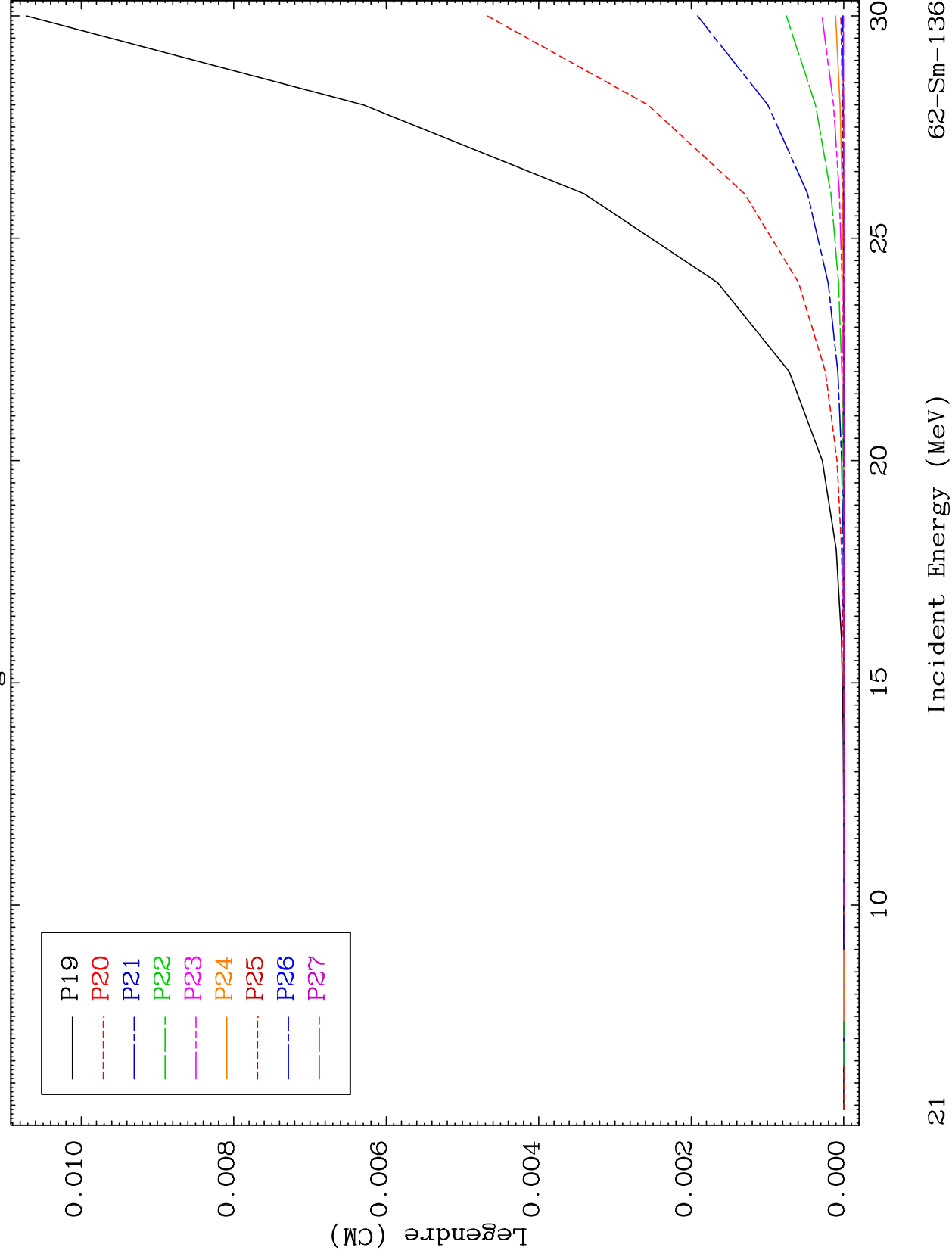


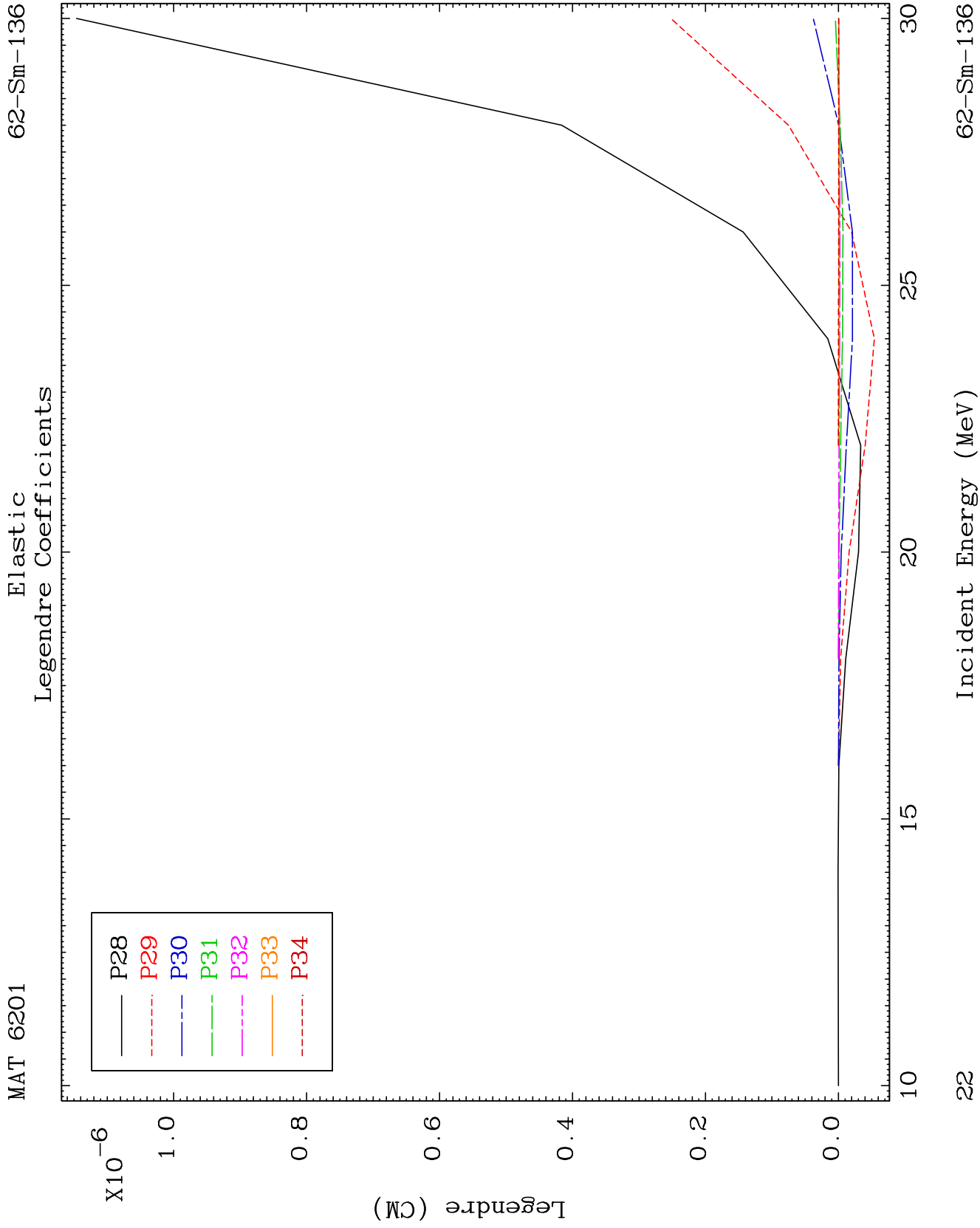
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62-Sm-136





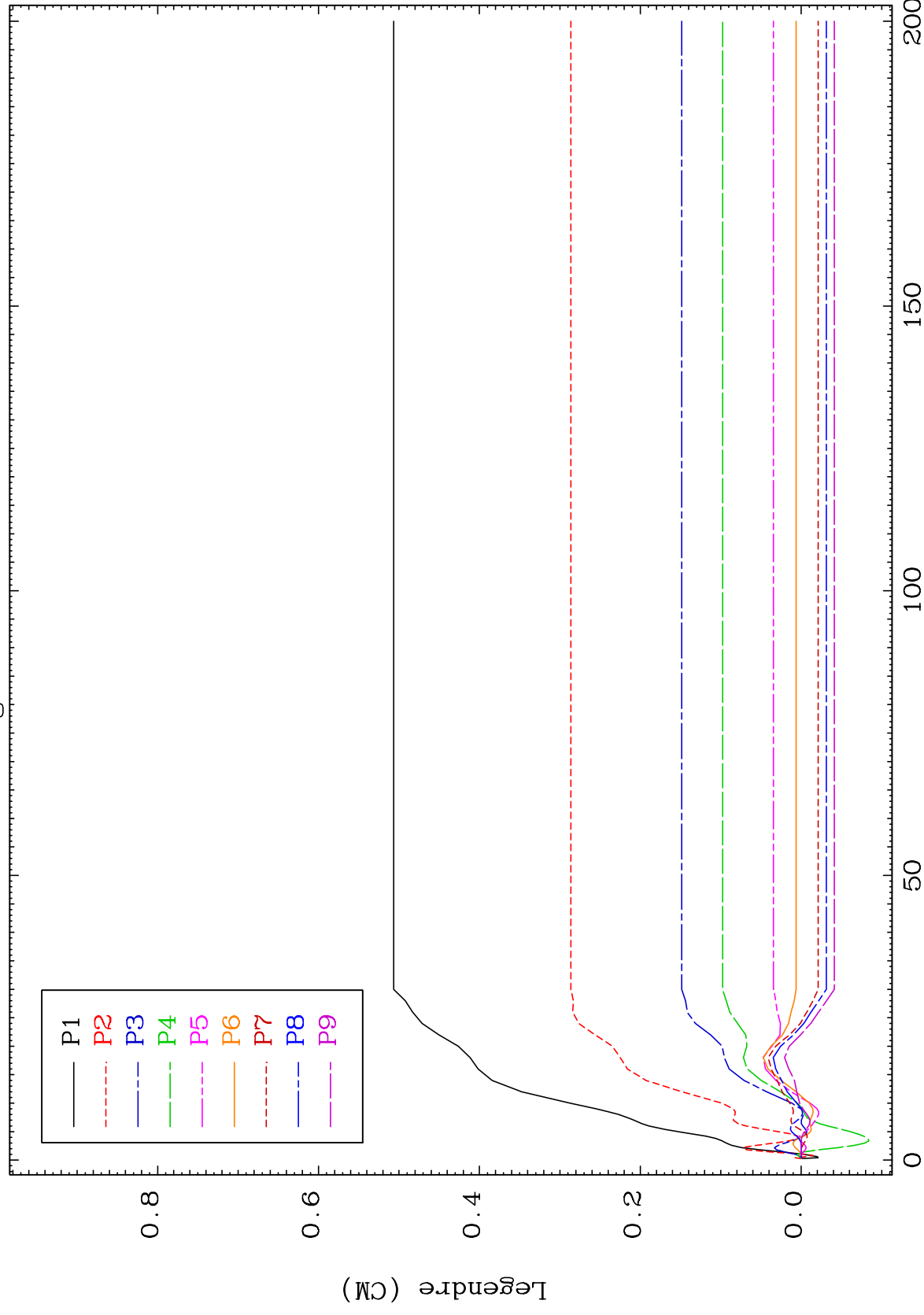




MAT 6201

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

62-Sm-136

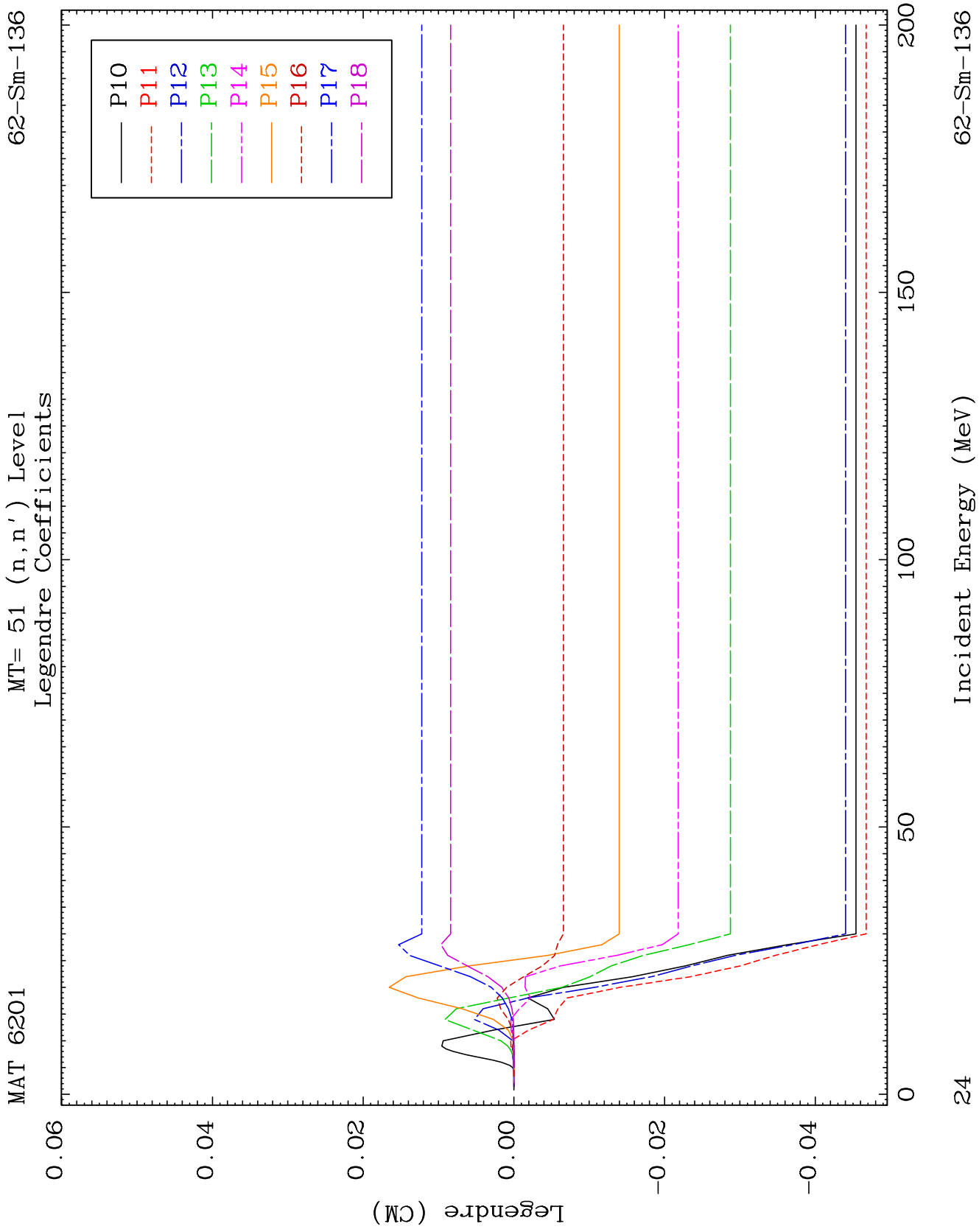


32

Incident Energy (MeV)

62-Sm-136

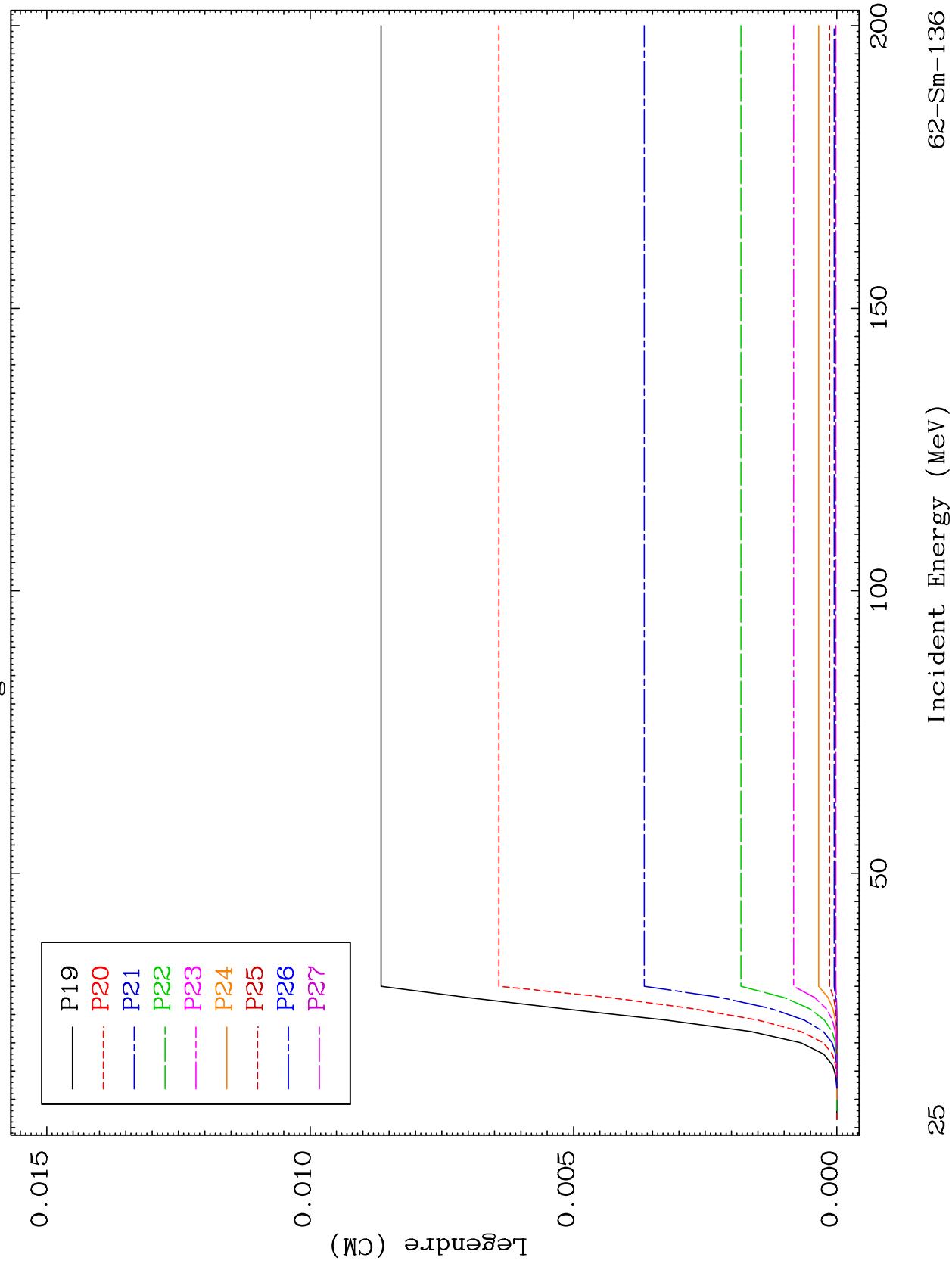


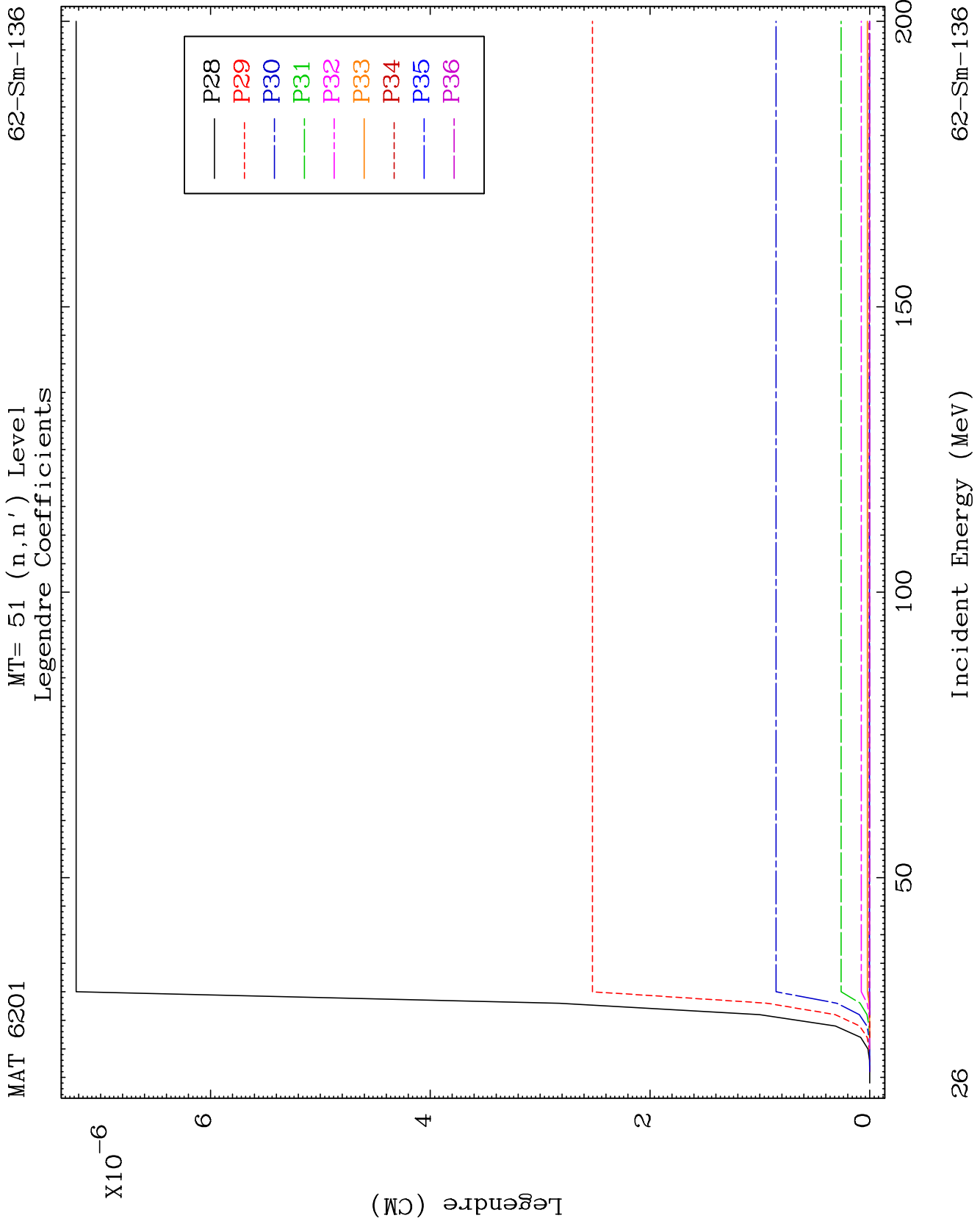


MAT 6201

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

62-Sm-136

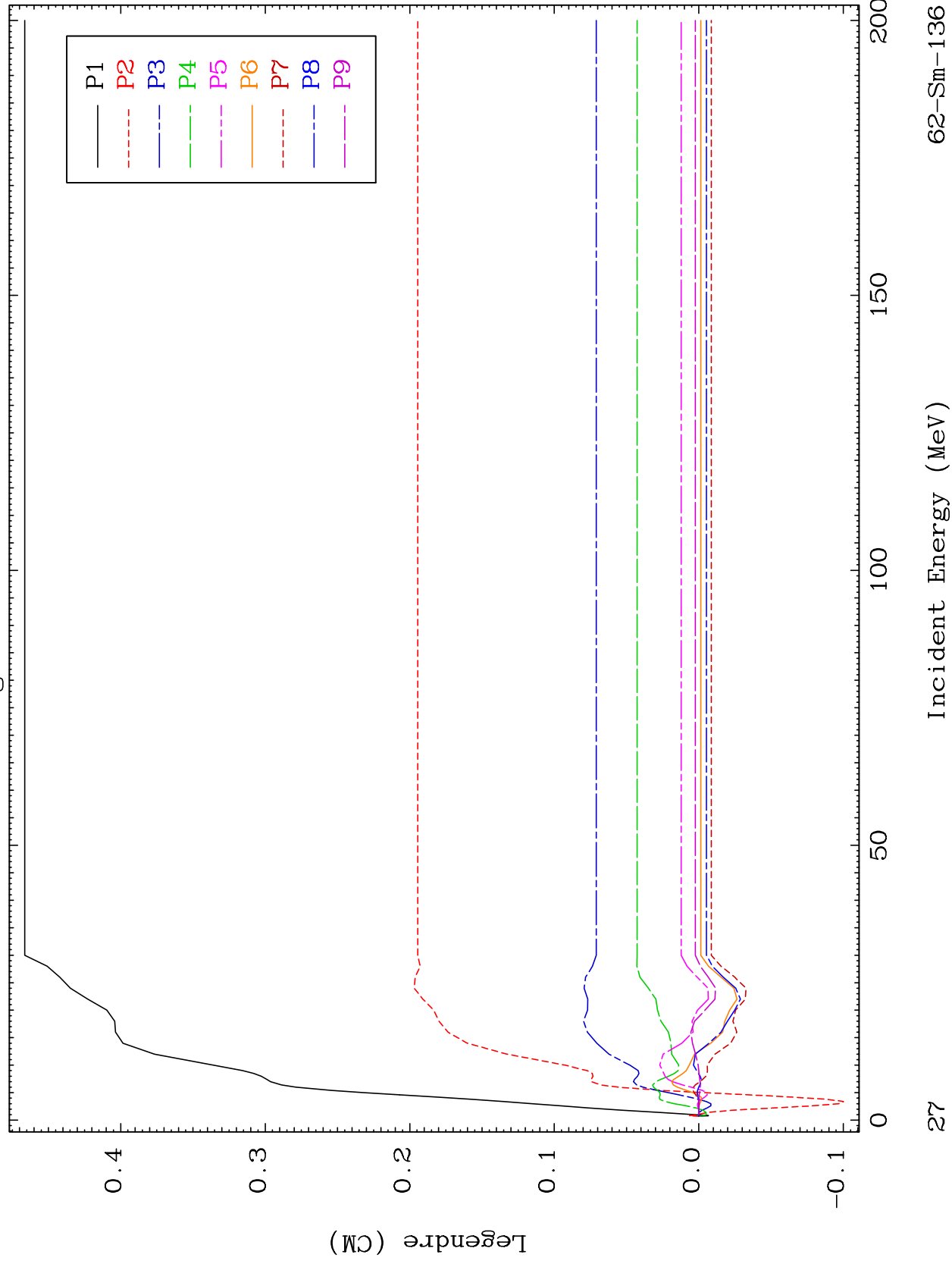




MAT 6201

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

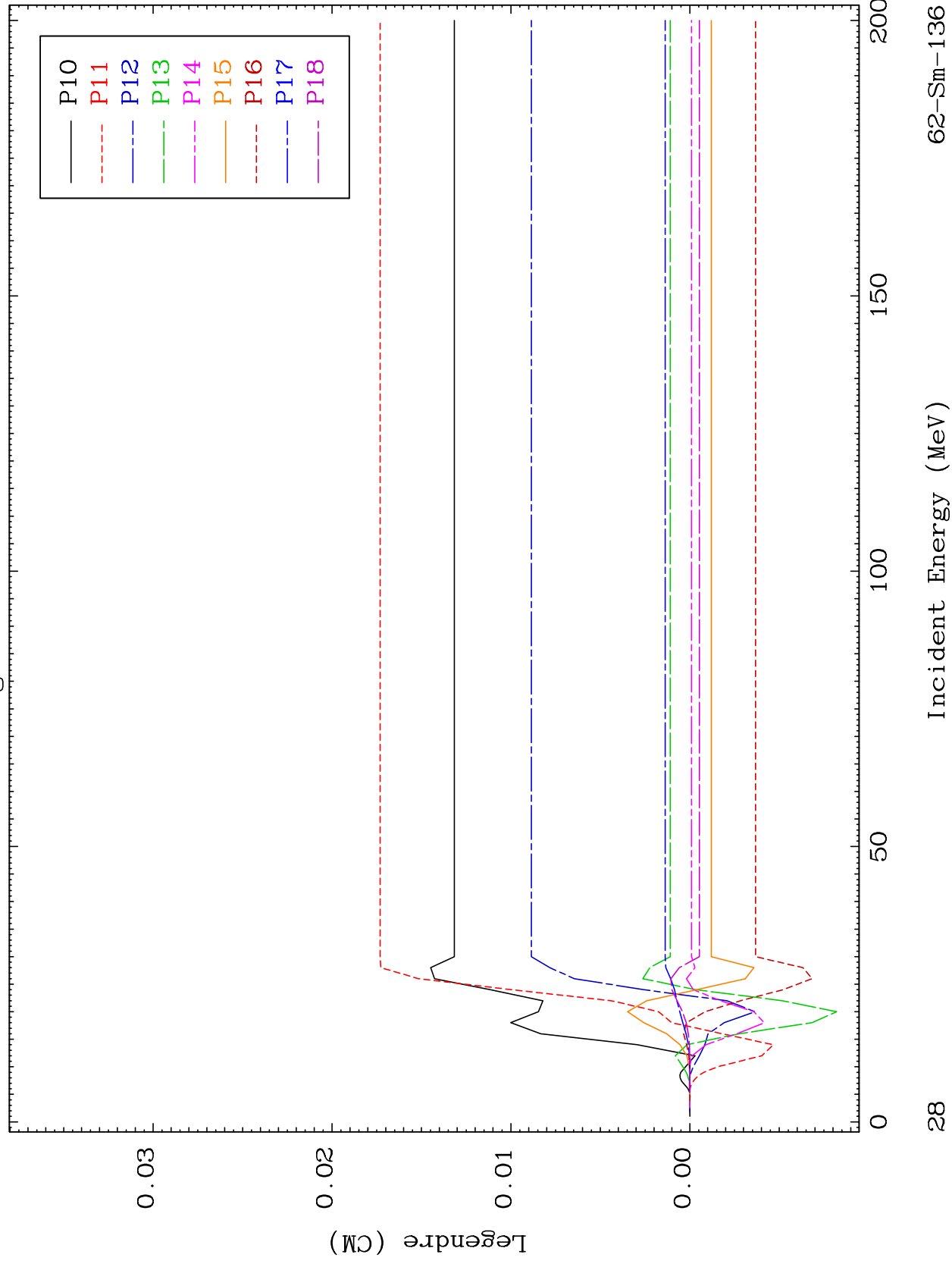
62-Sm-136

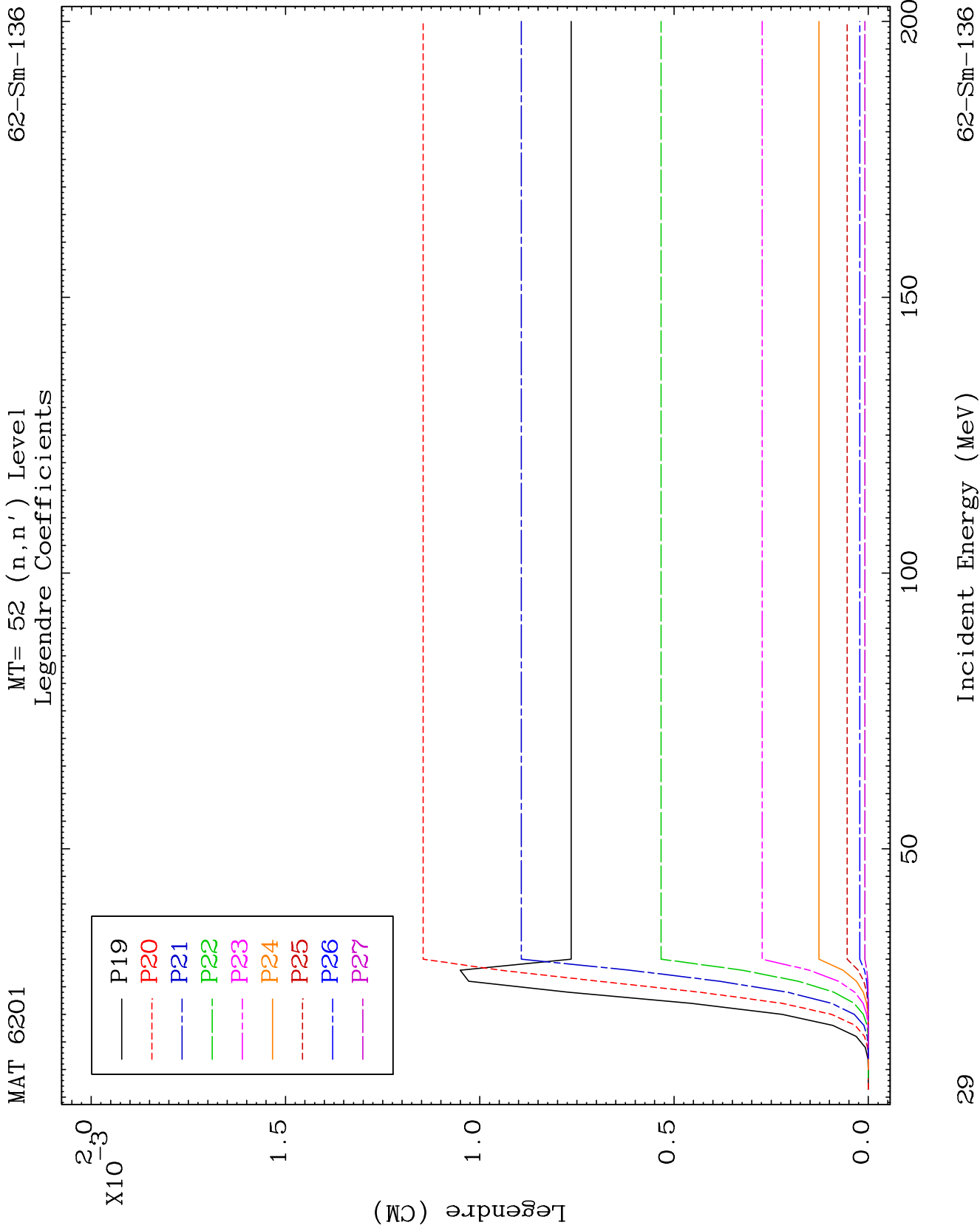


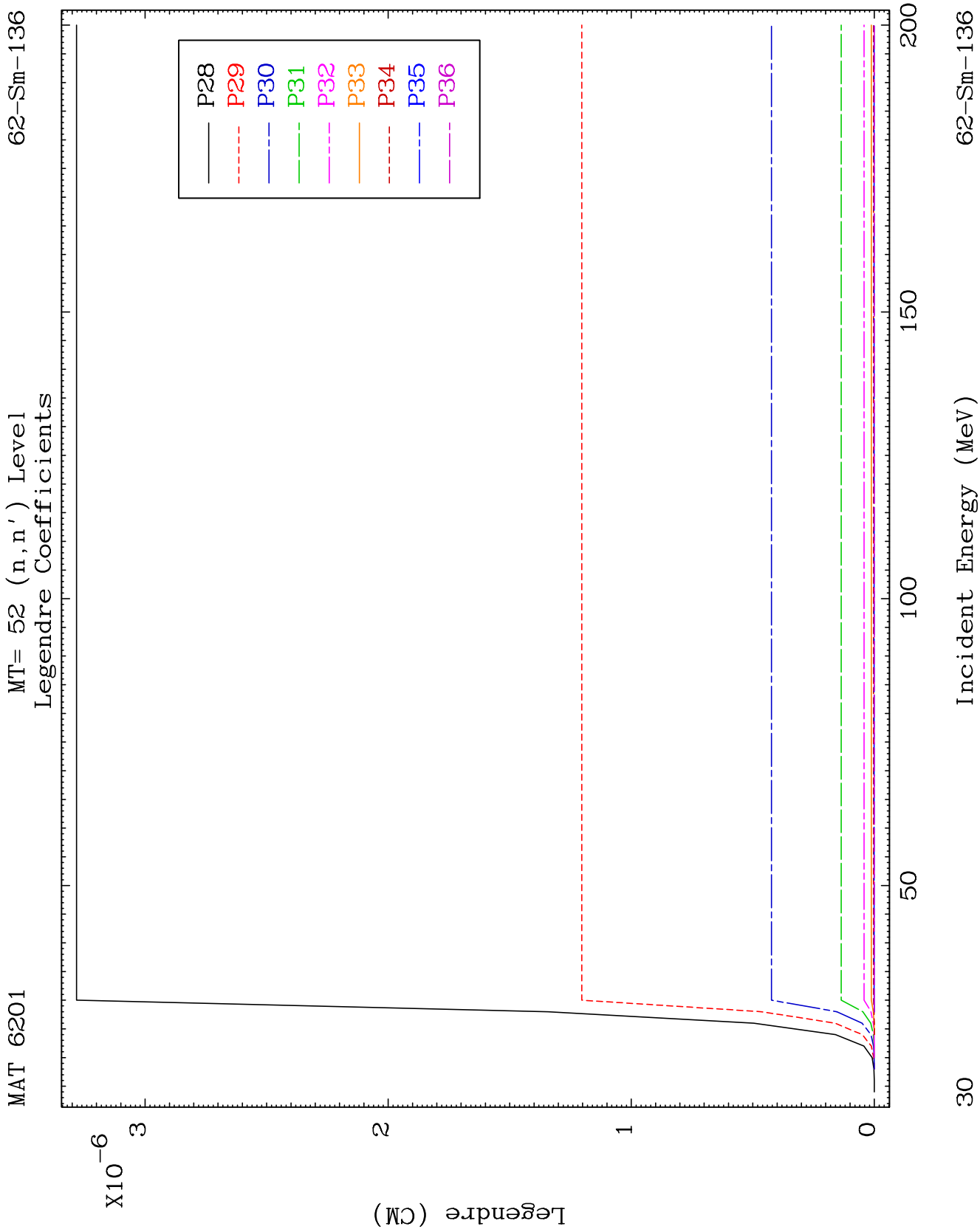
MAT 6201

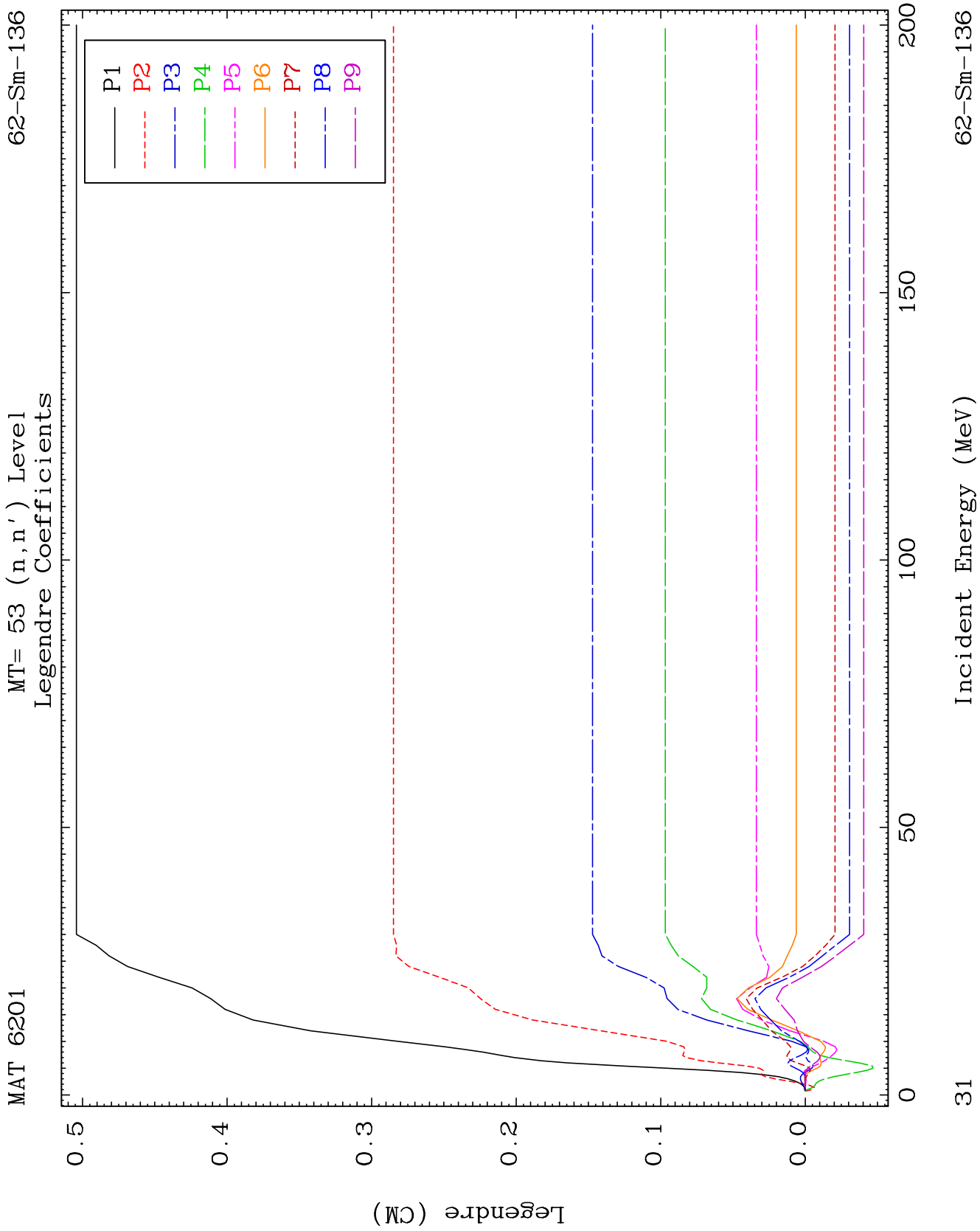
MT= 52 (n, n') Level  
Legendre Coefficients

62-Sm-136

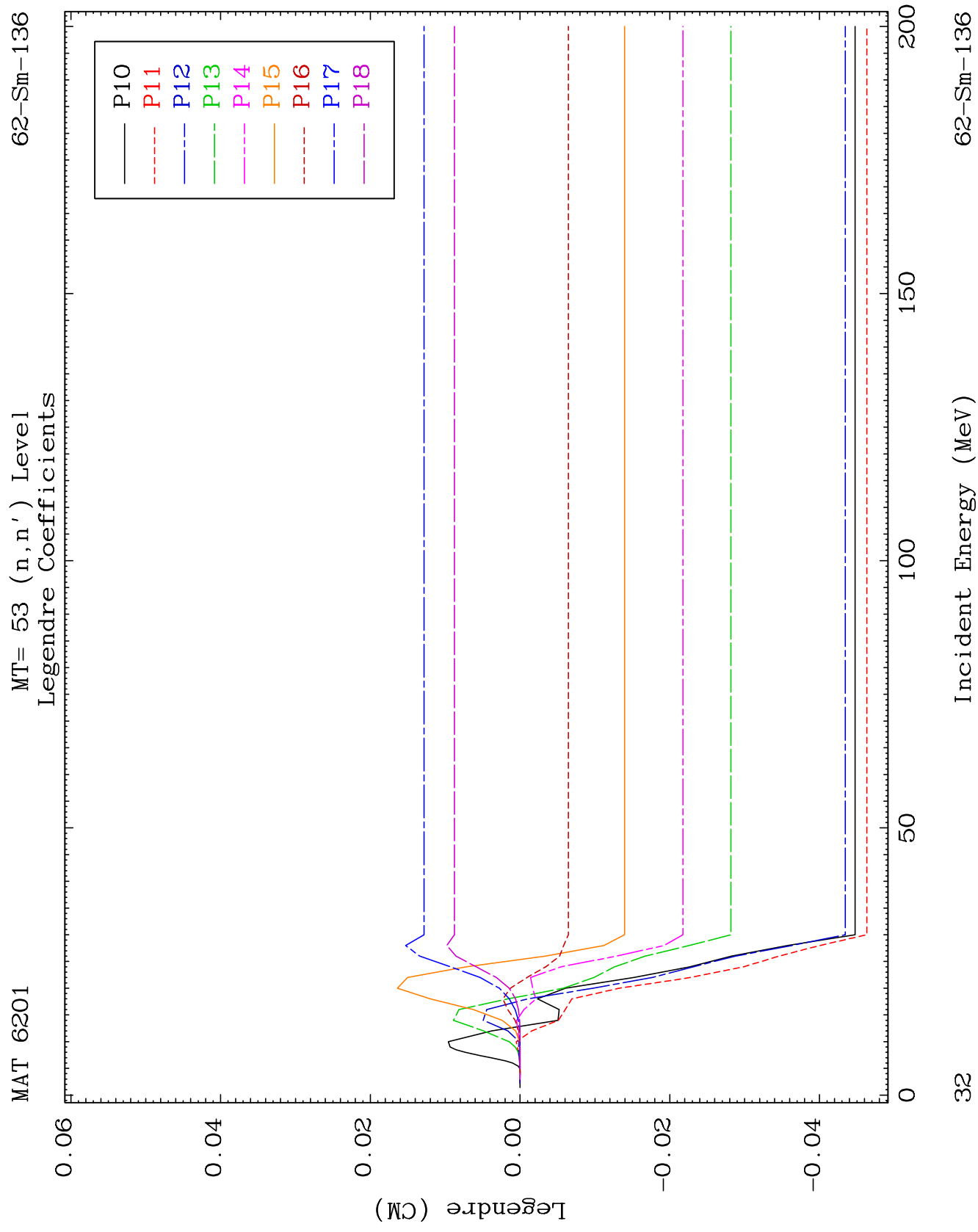


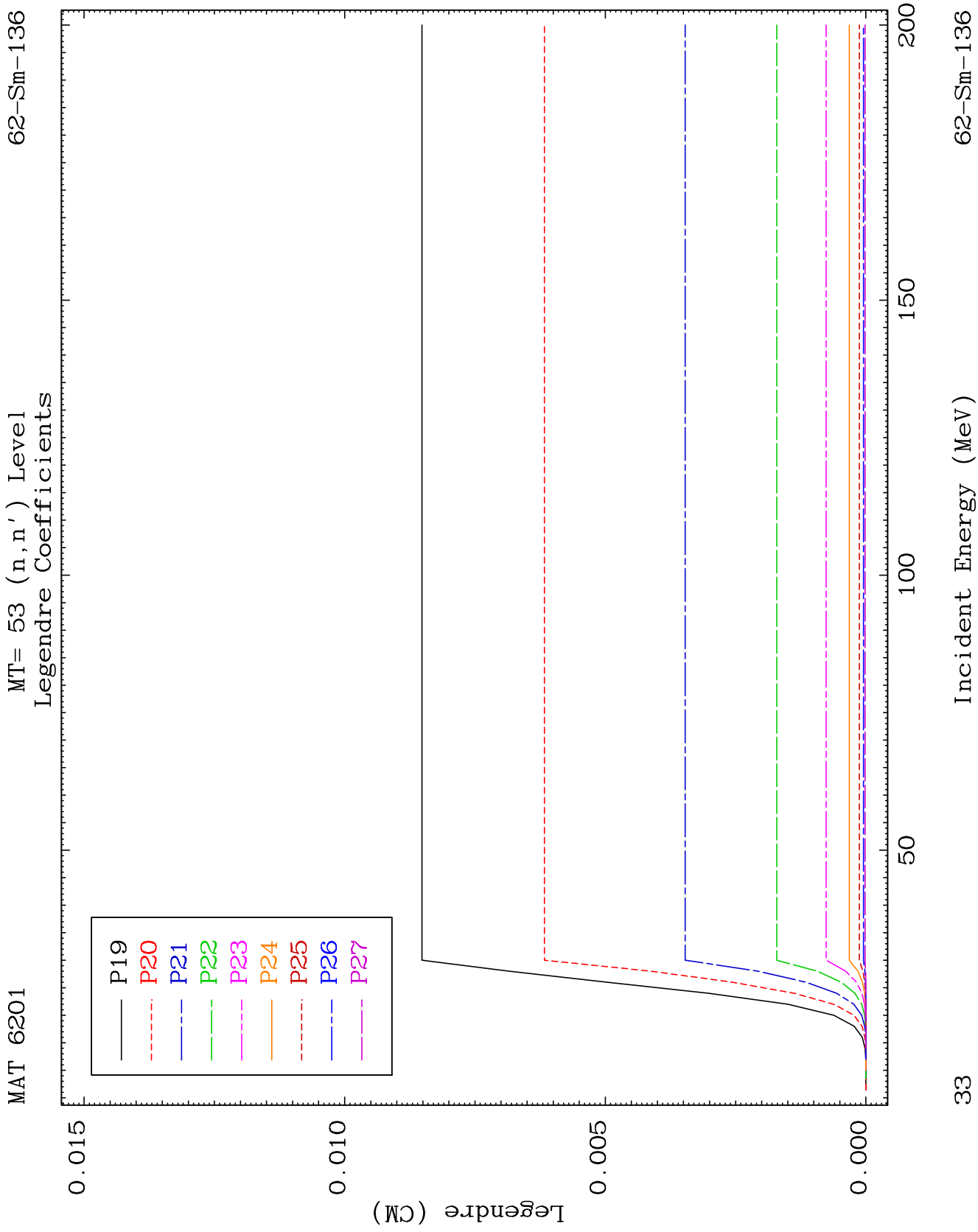


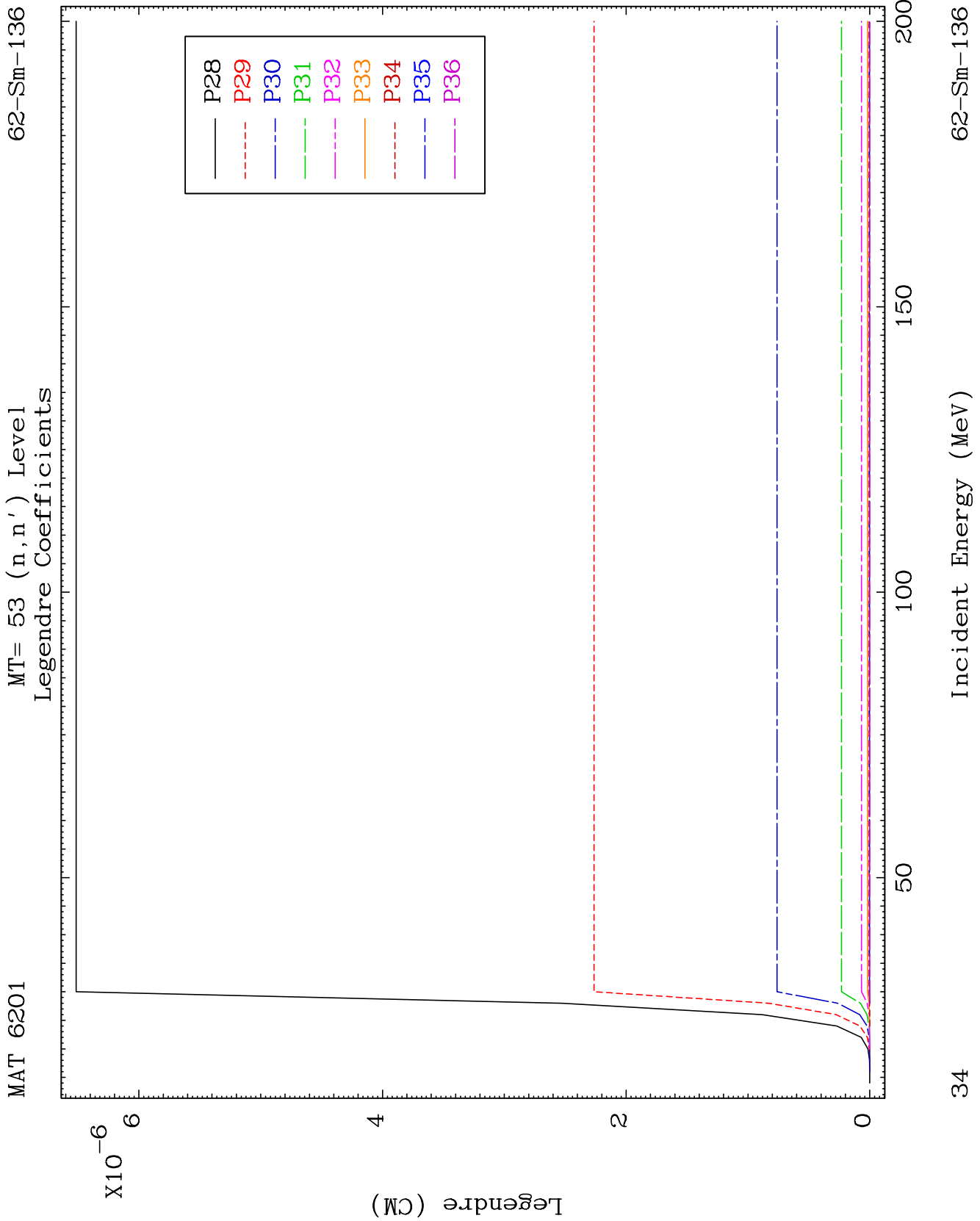








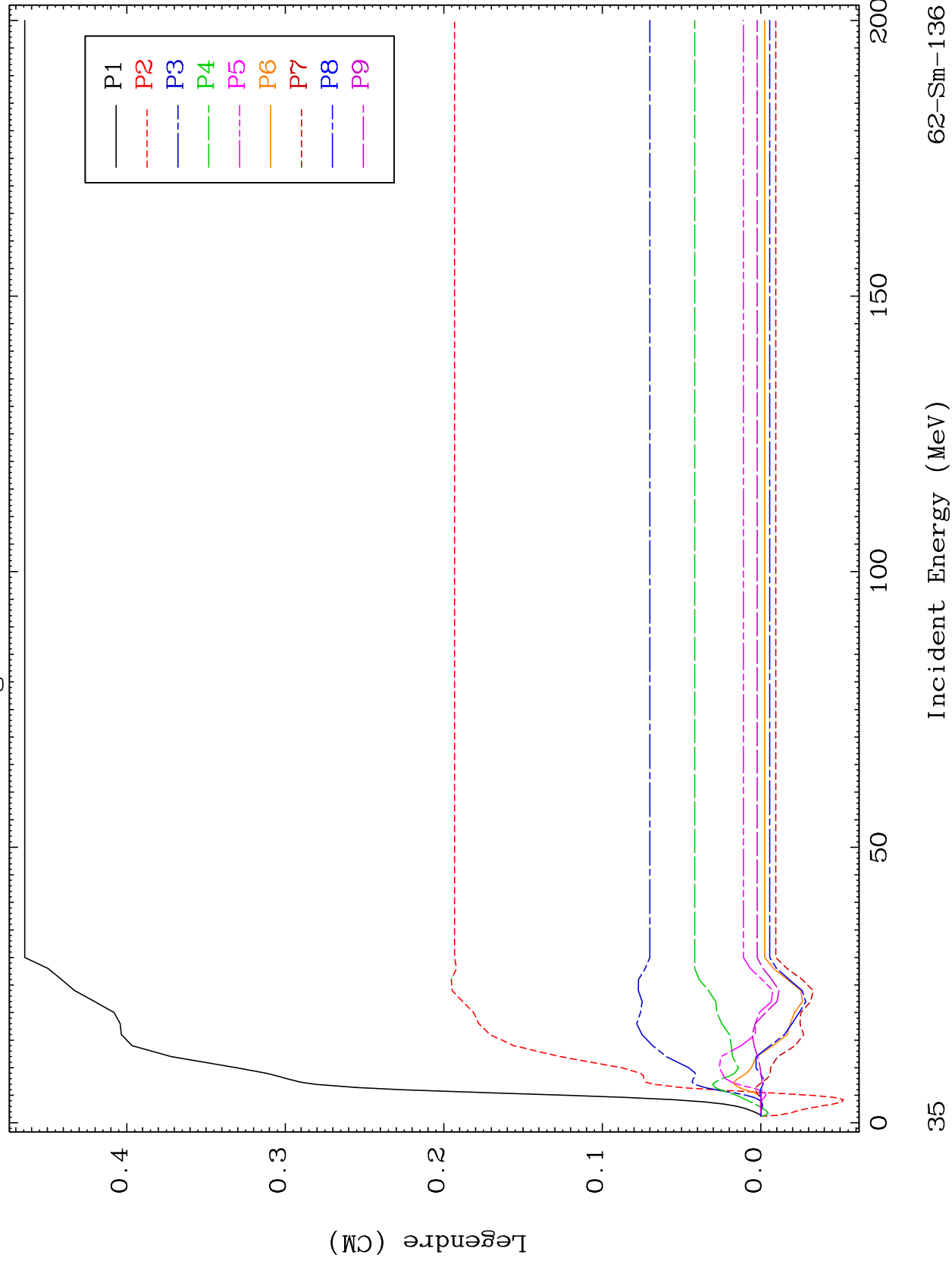




MAT 6201

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

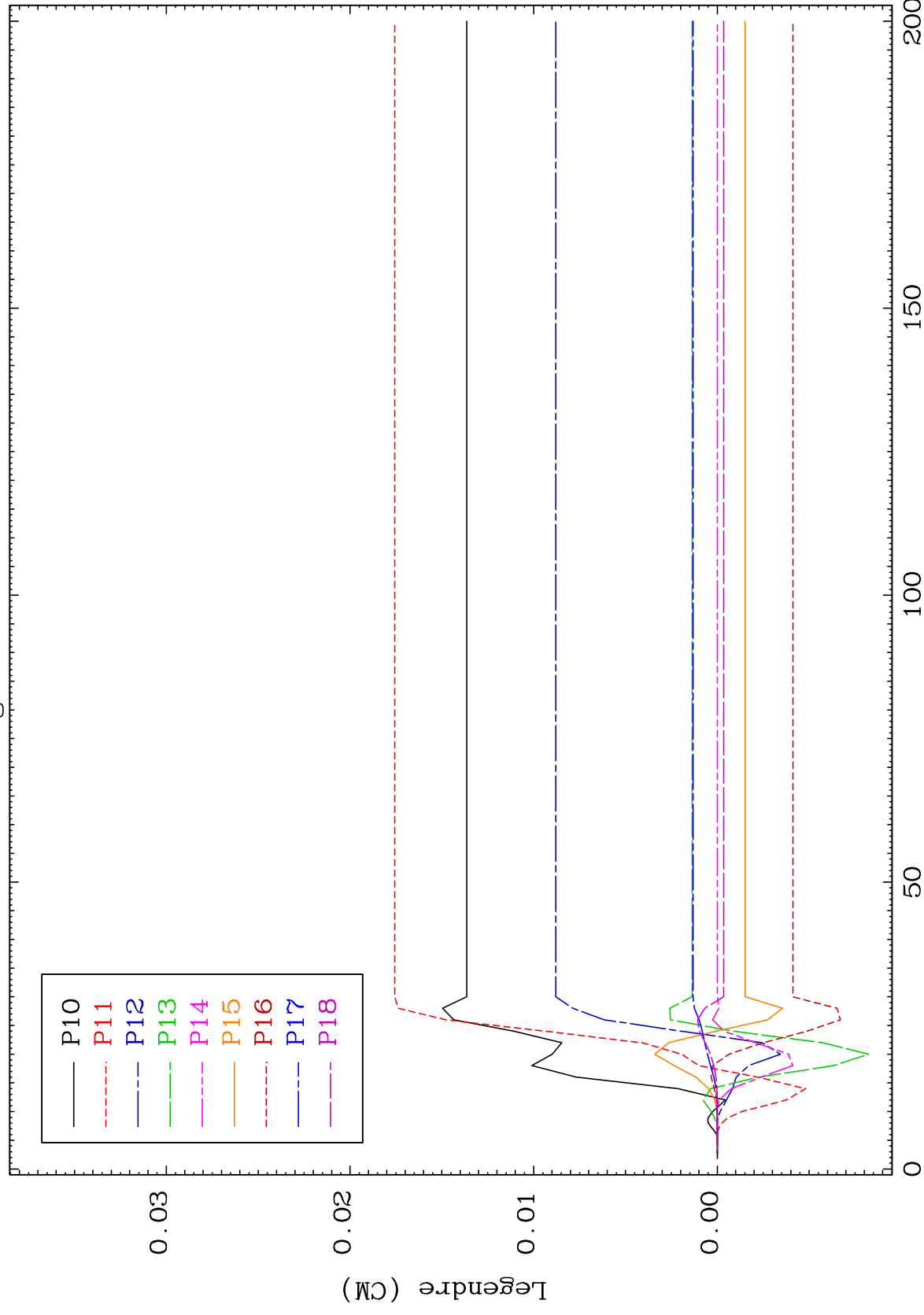
62-Sm-136



MAT 6201

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

62-Sm-136



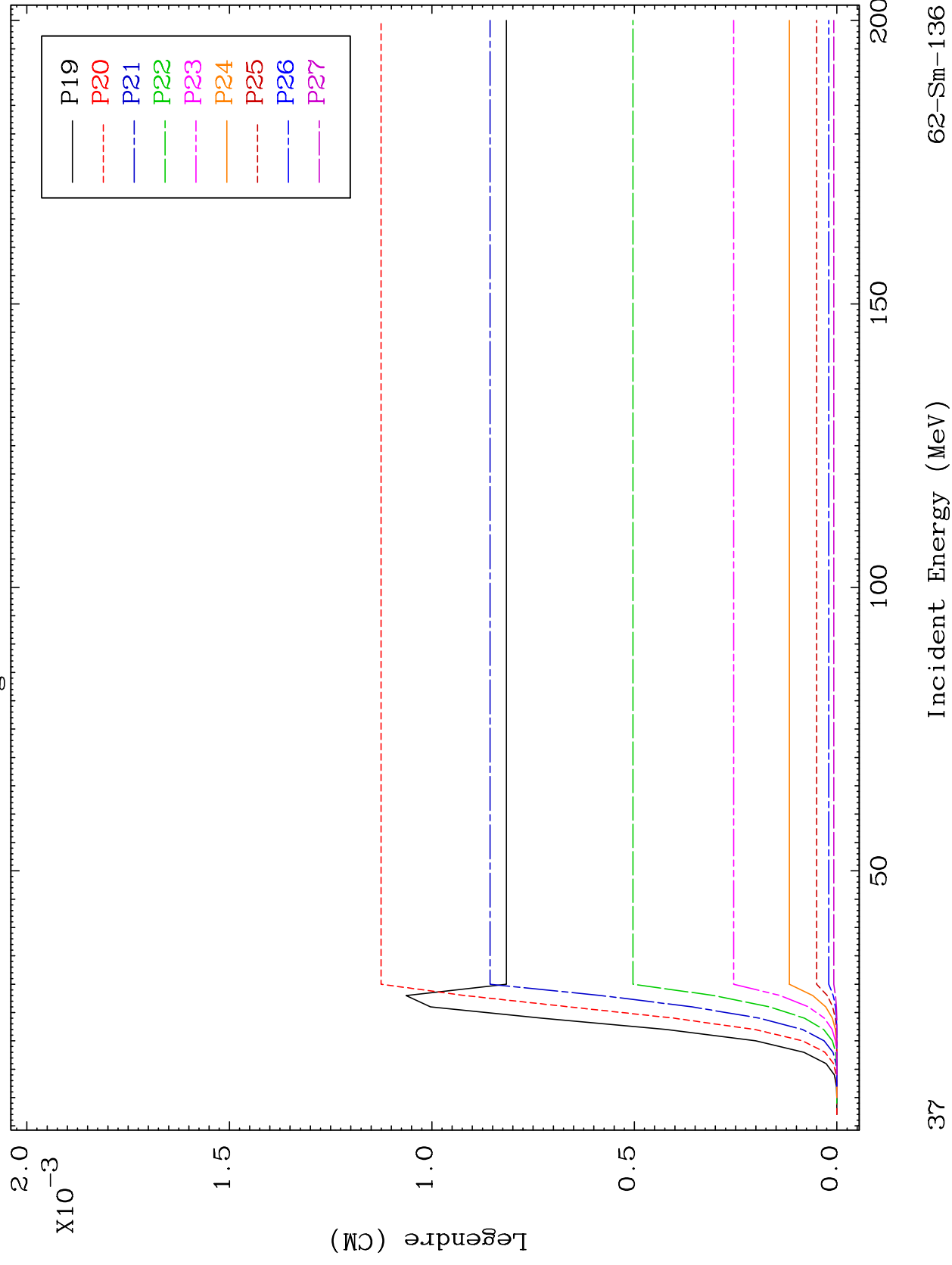
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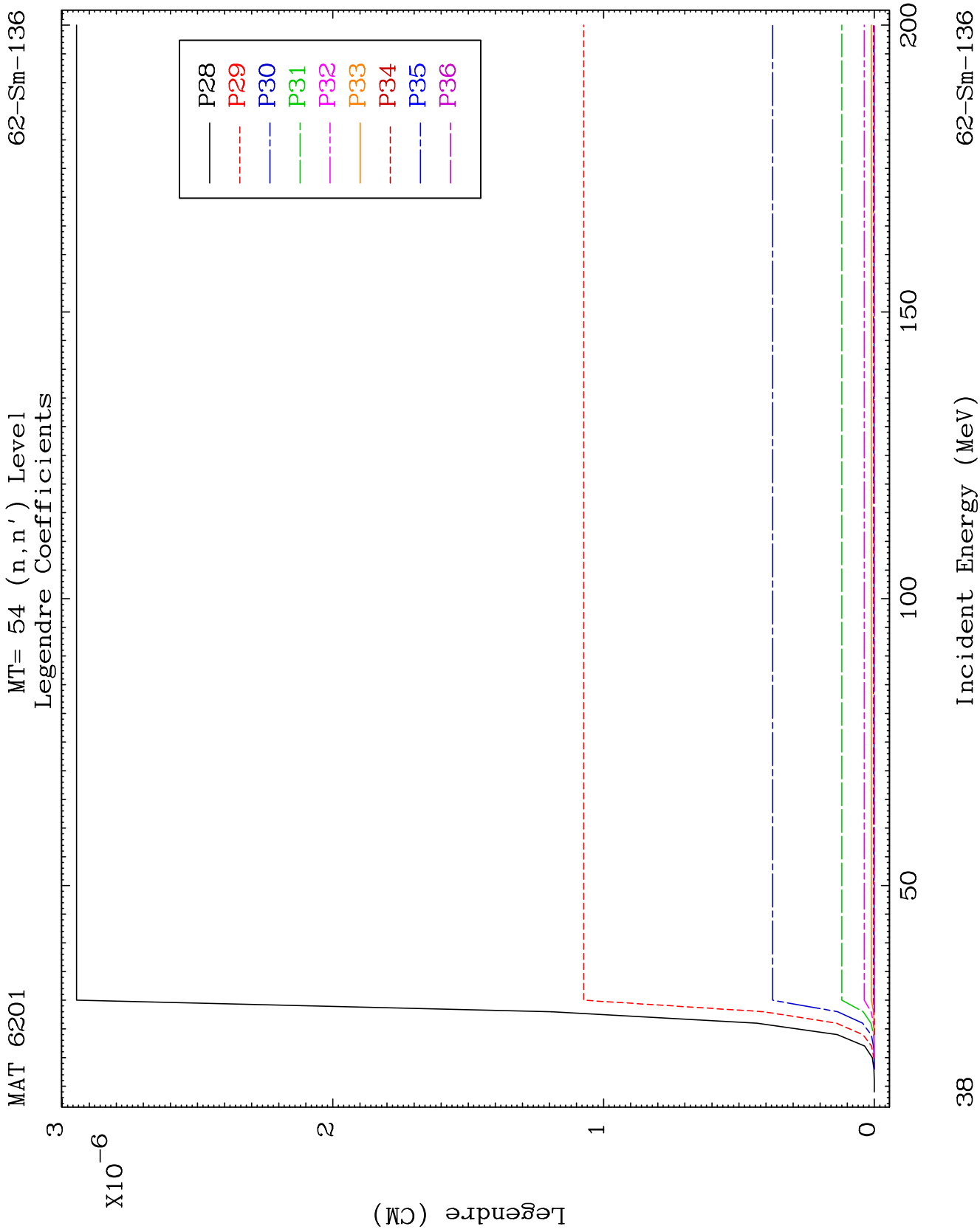
Incident Energy (MeV)

MAT 6201

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

62-Sm-136





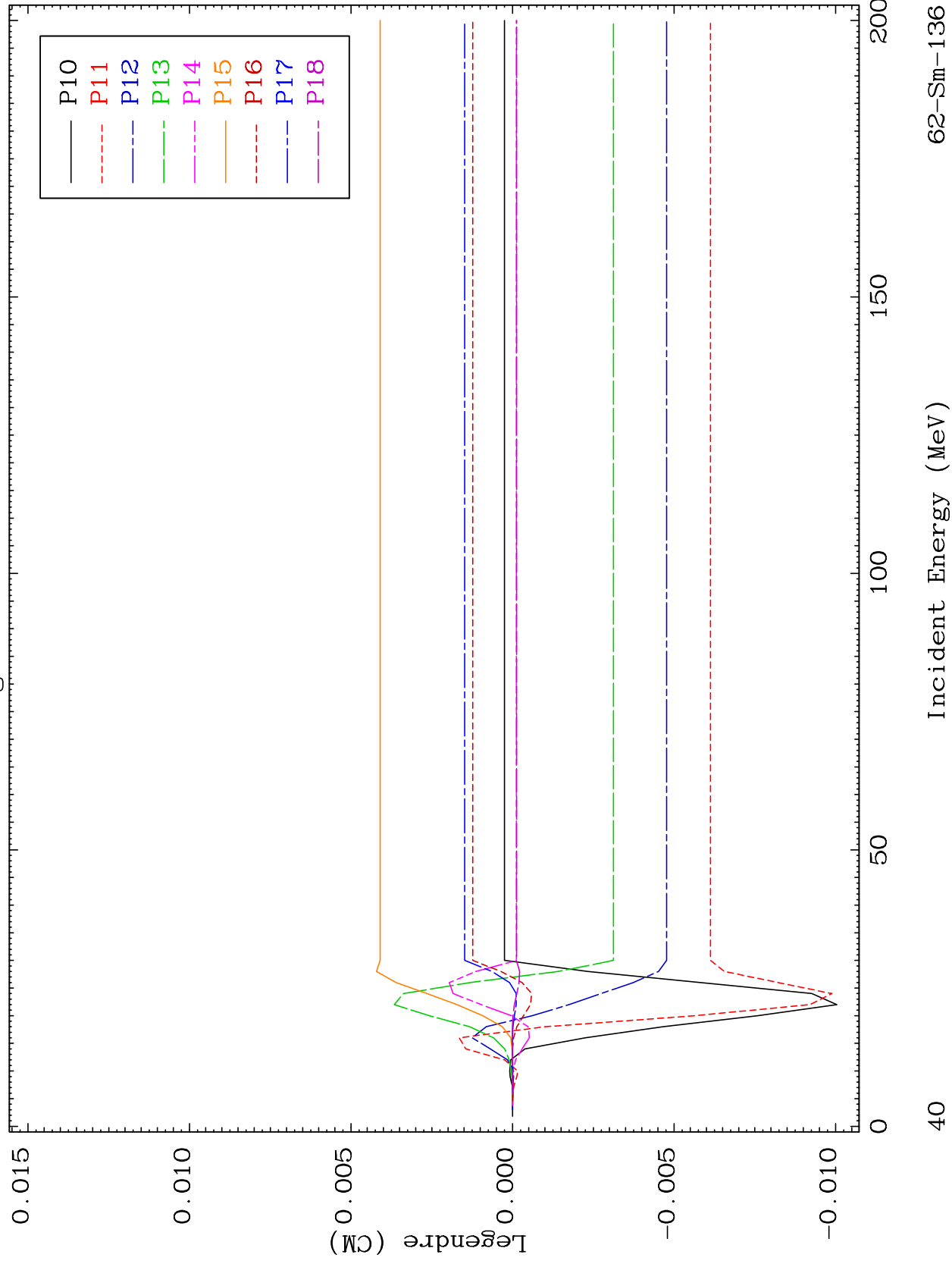


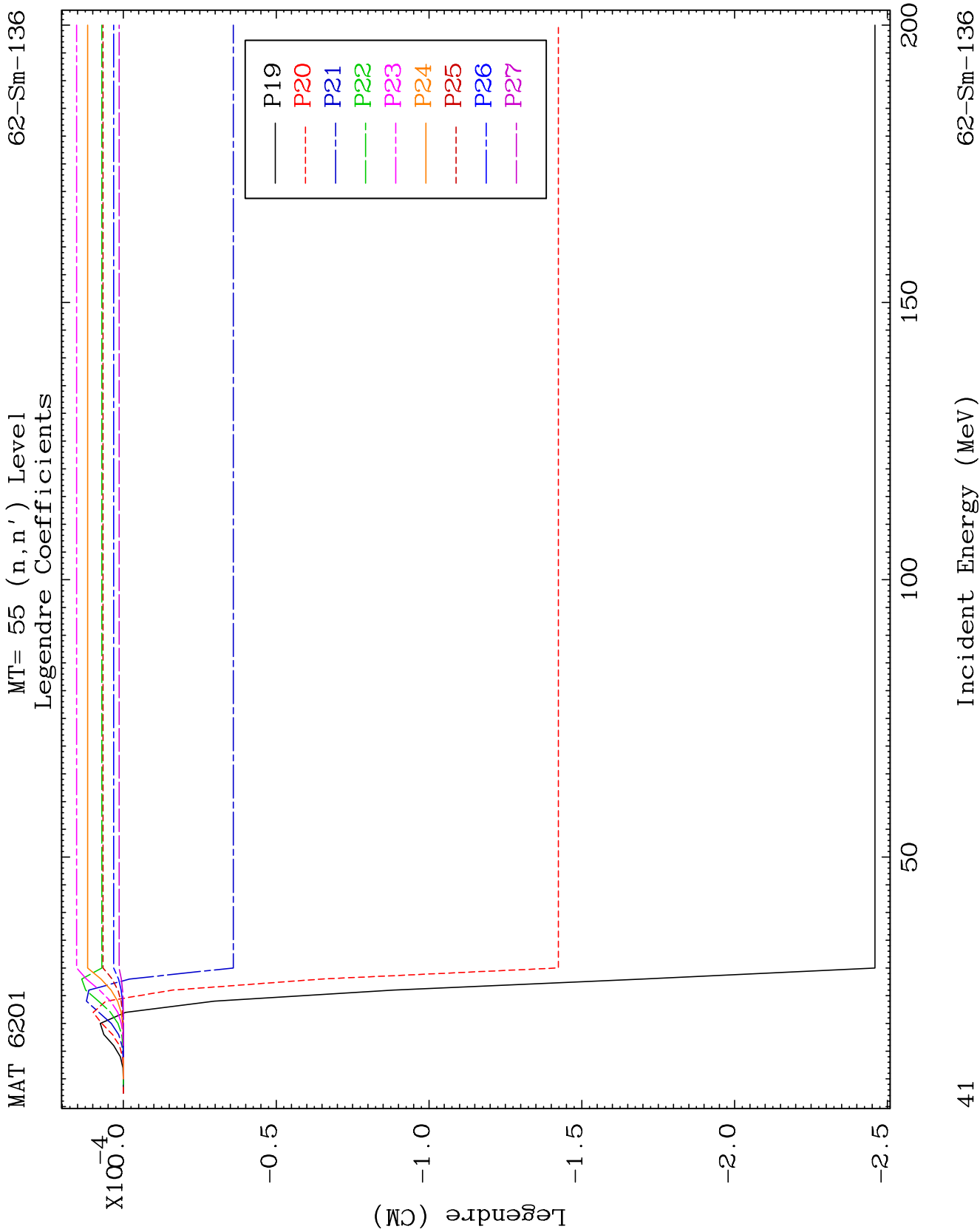


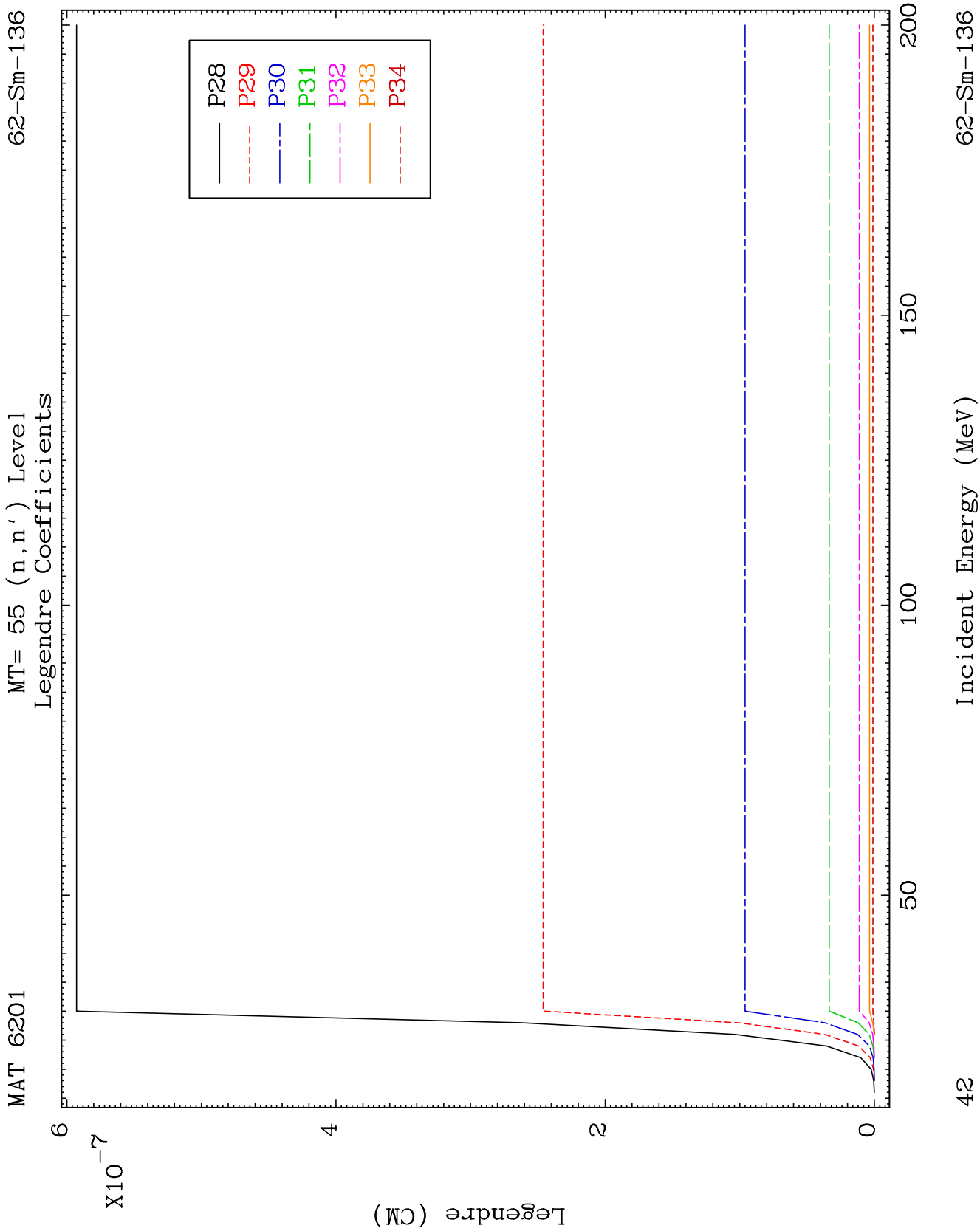
MAT 6201

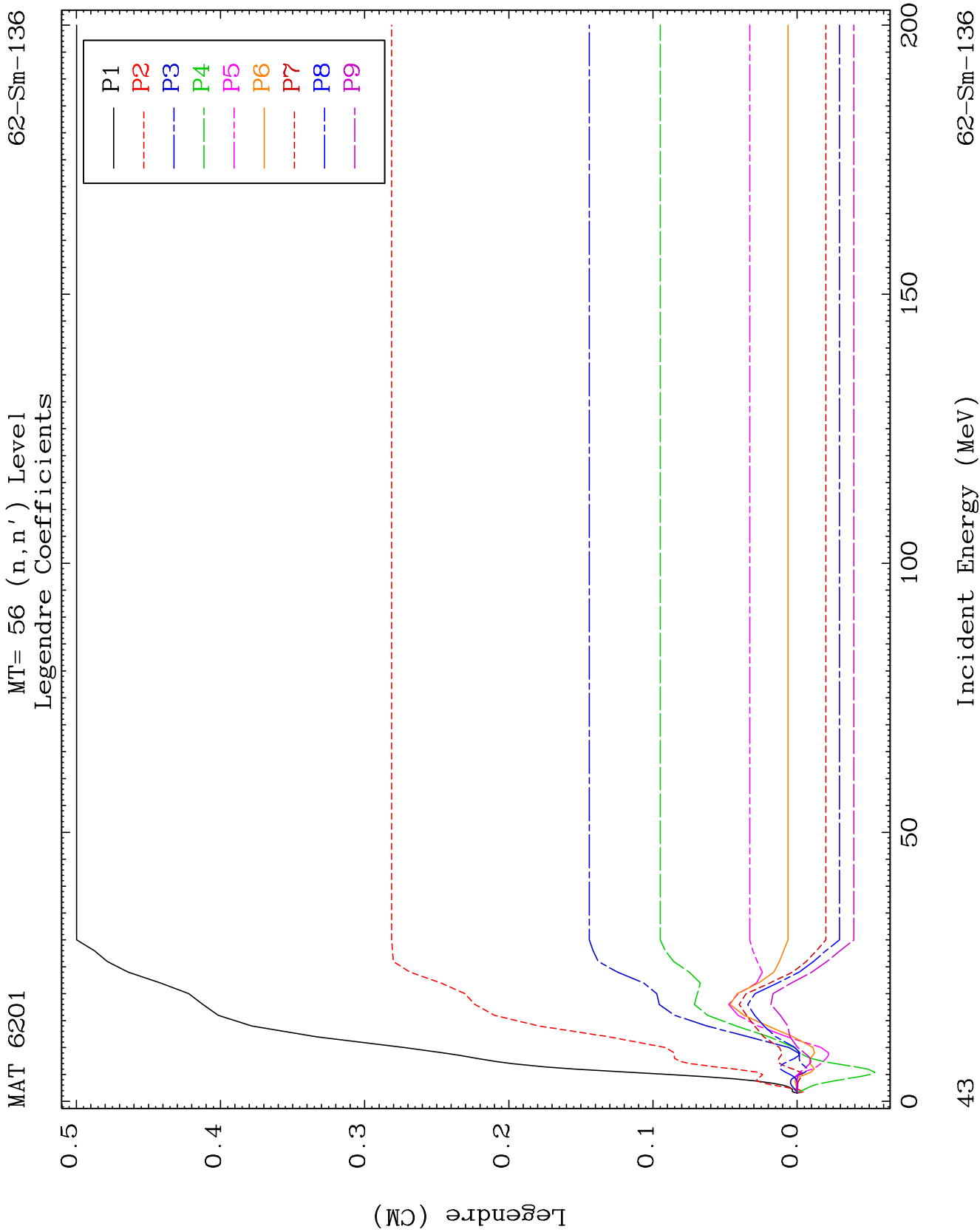
MT= 55 (n, n') Level  
Legendre Coefficients

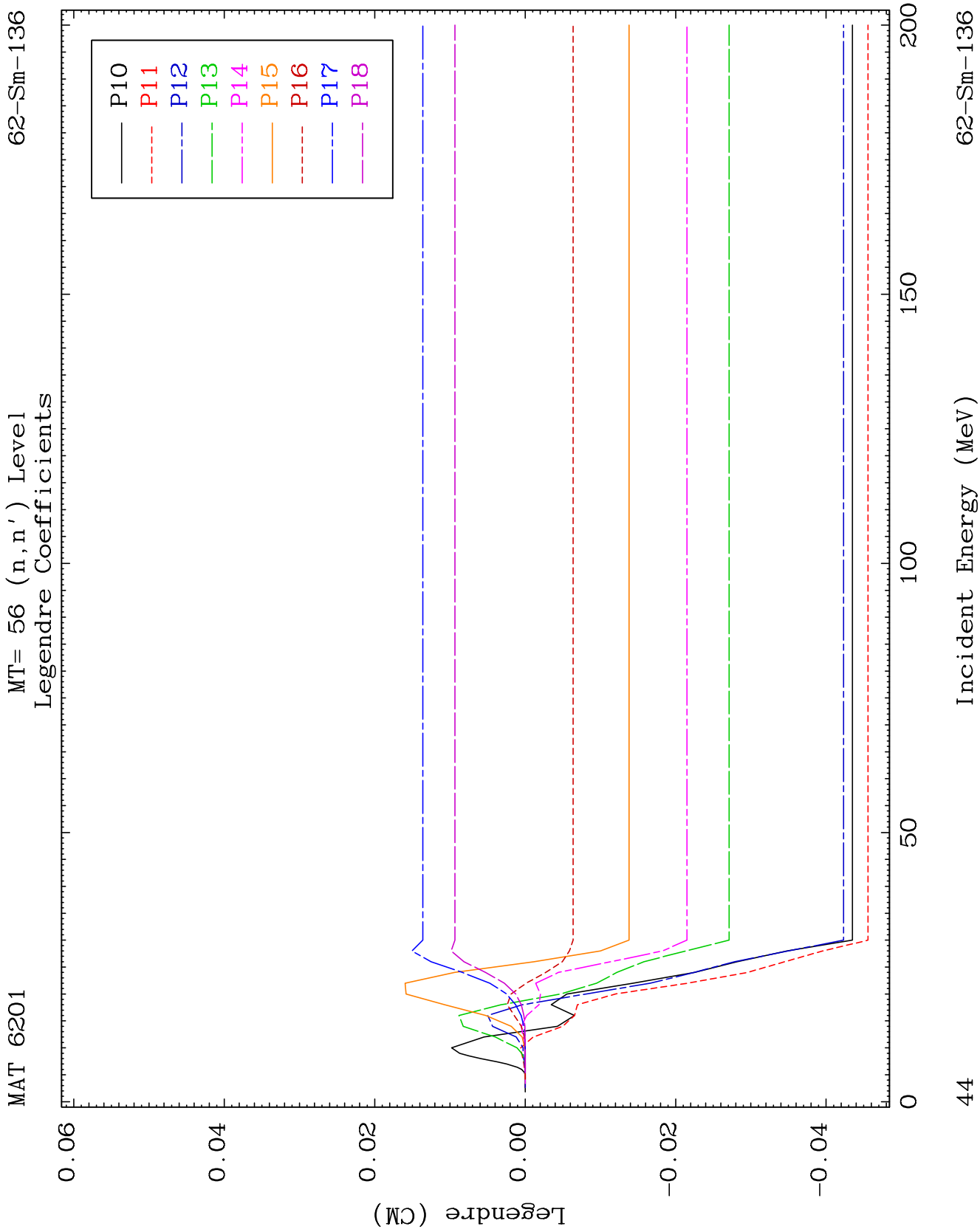
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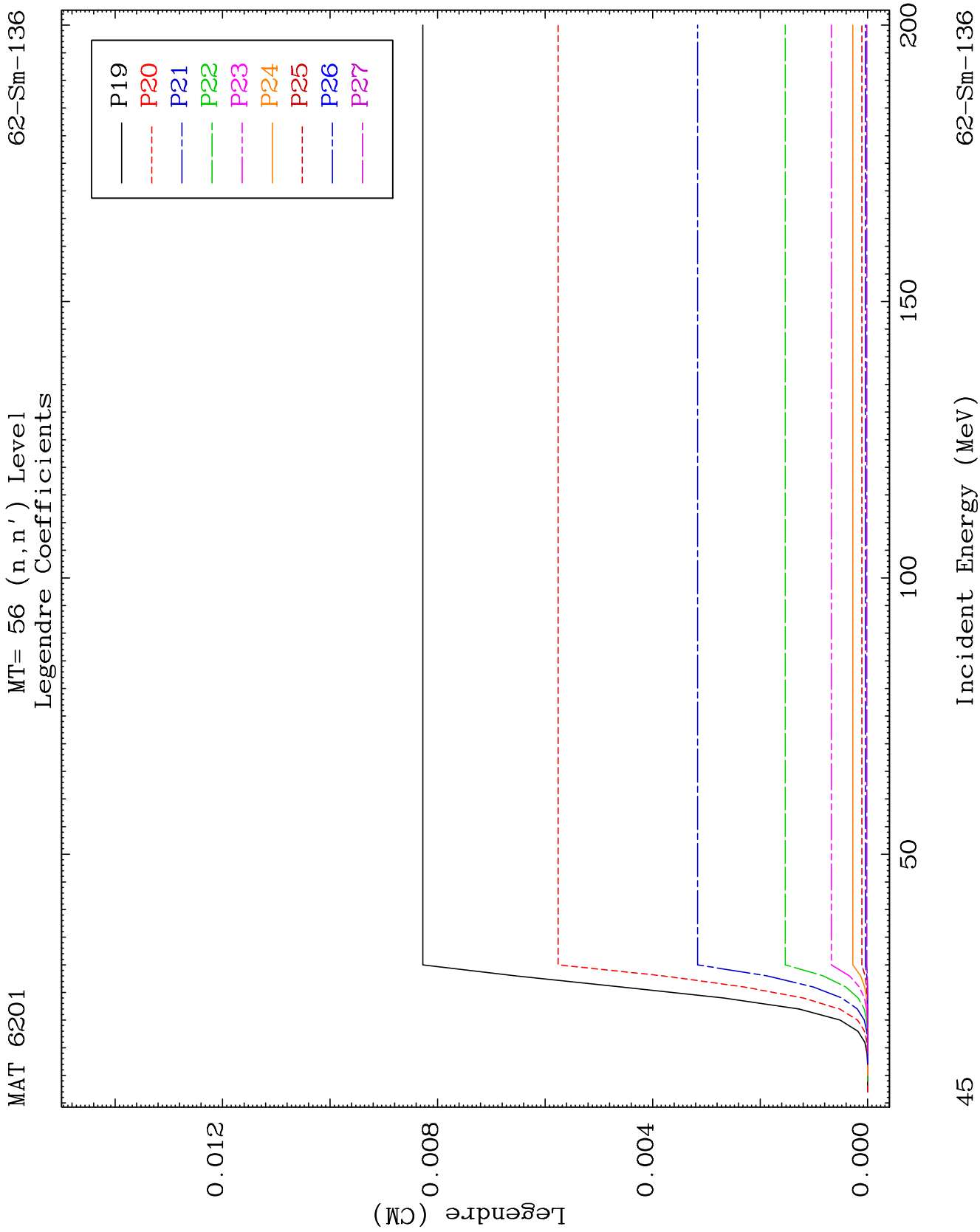


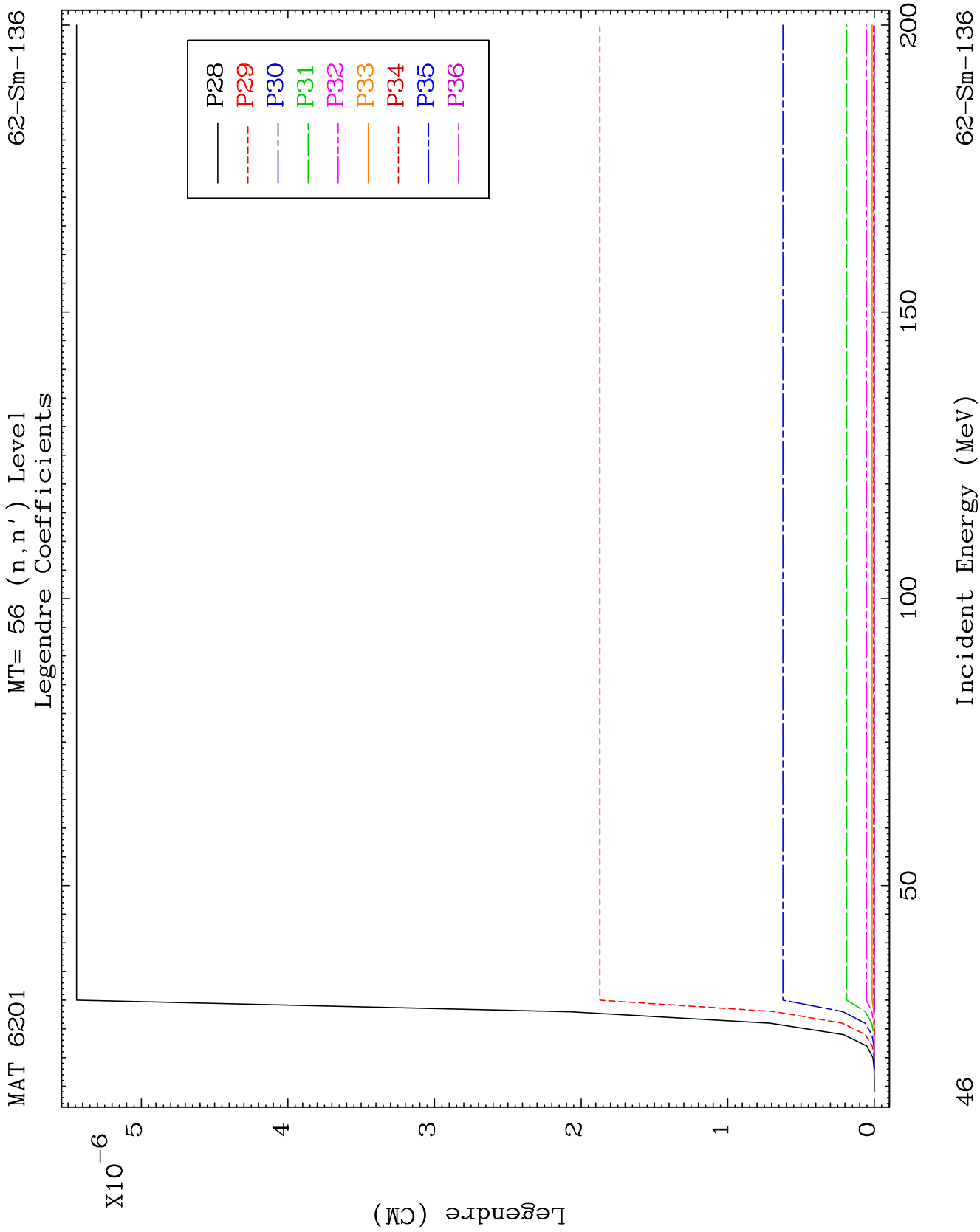


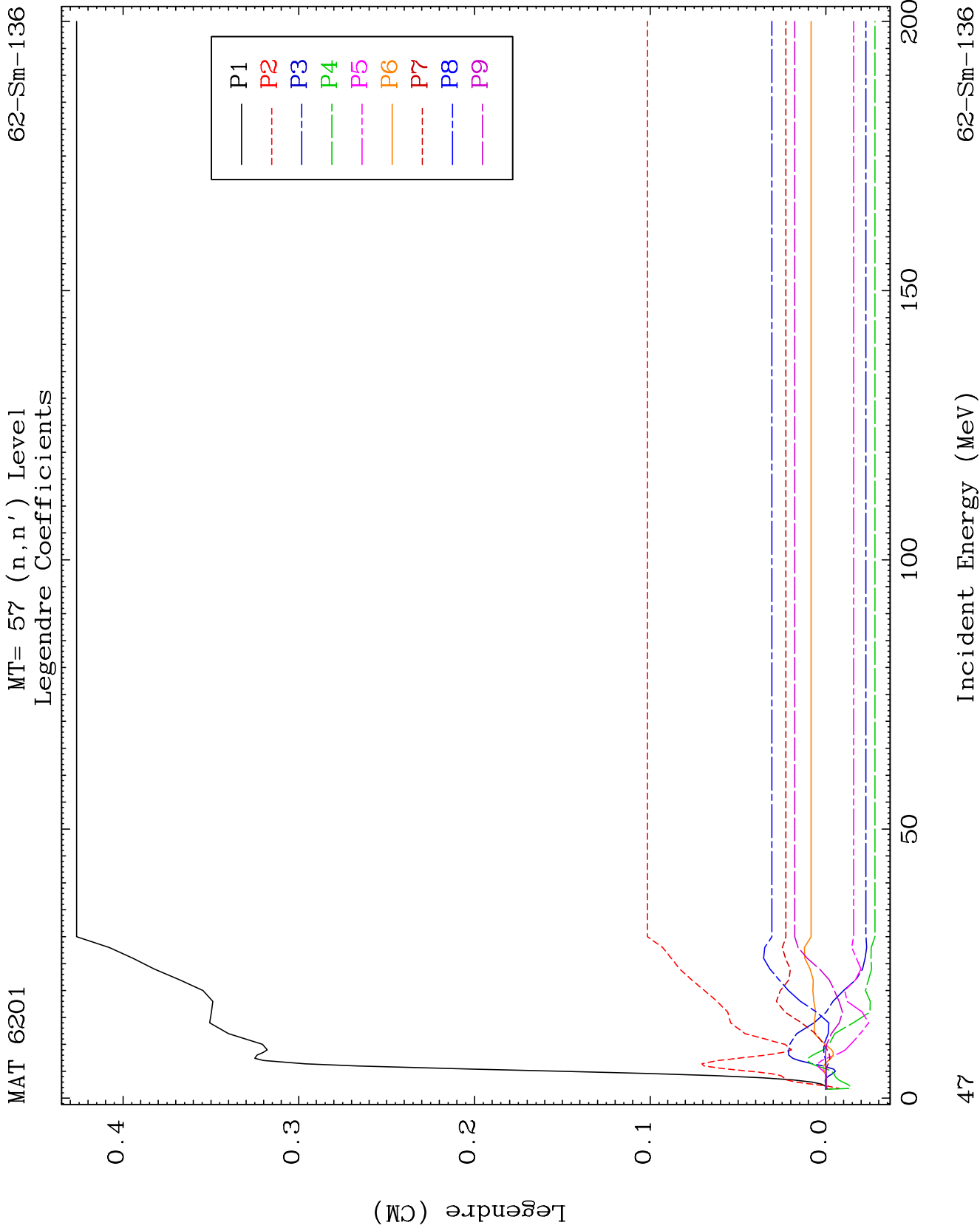




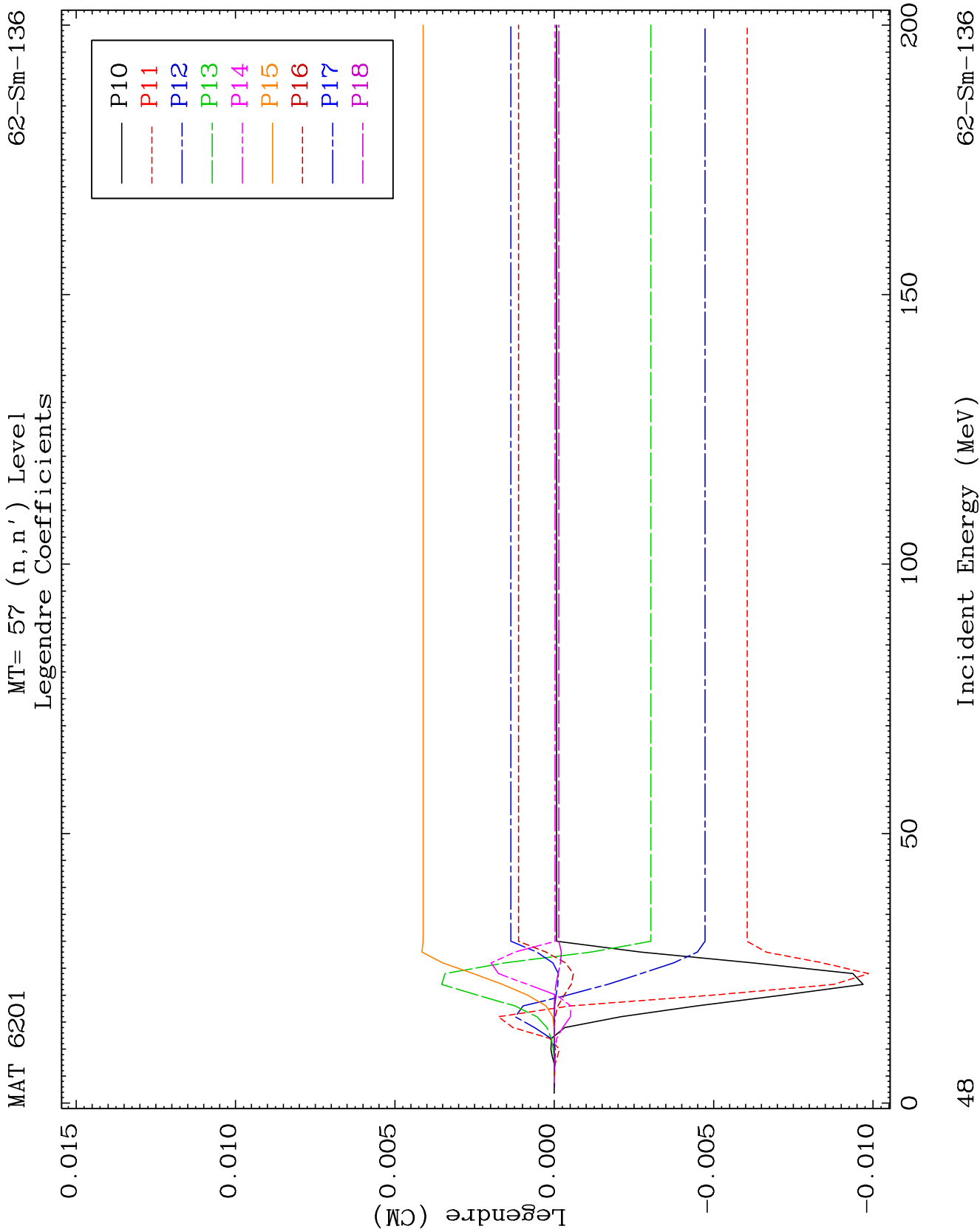


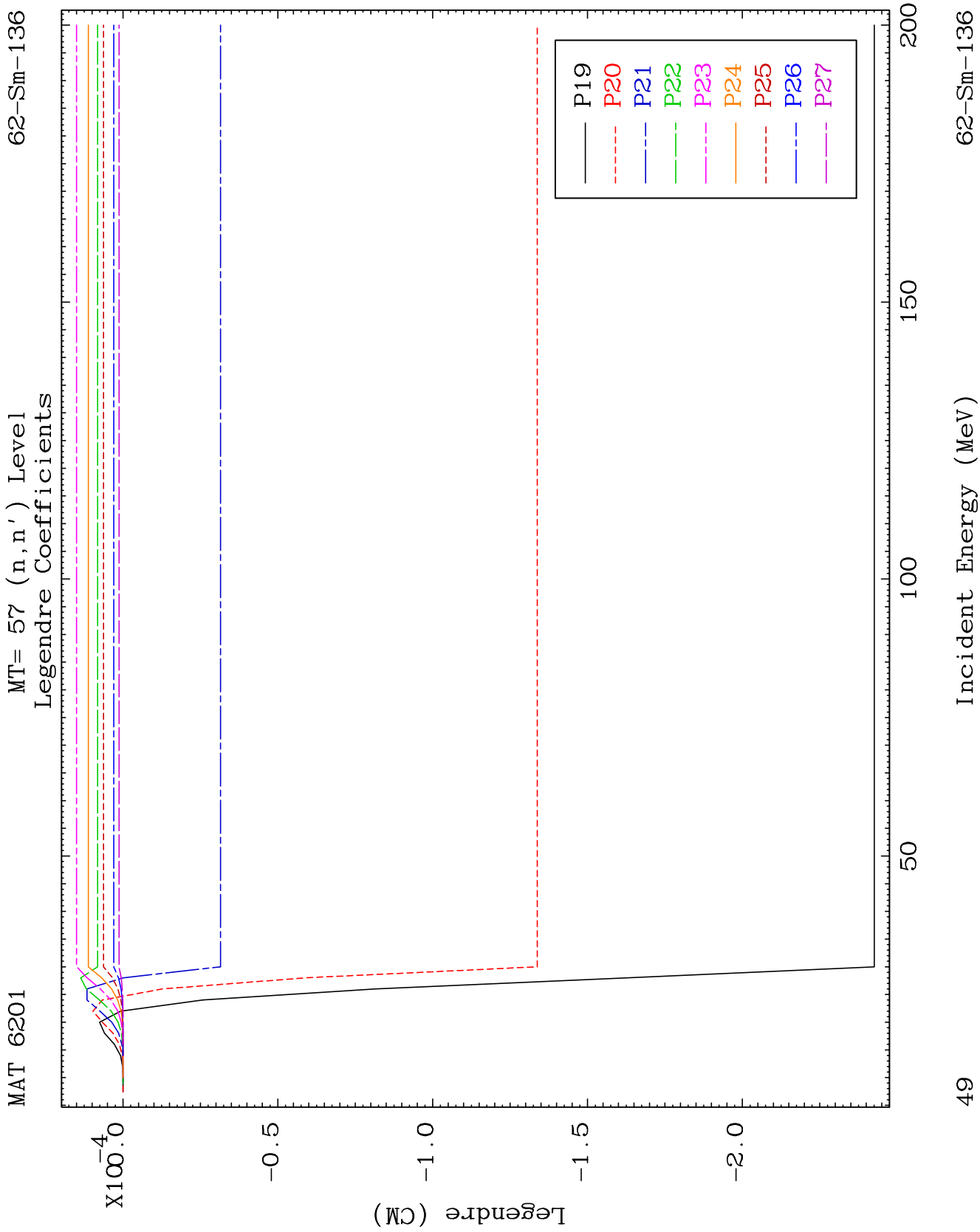


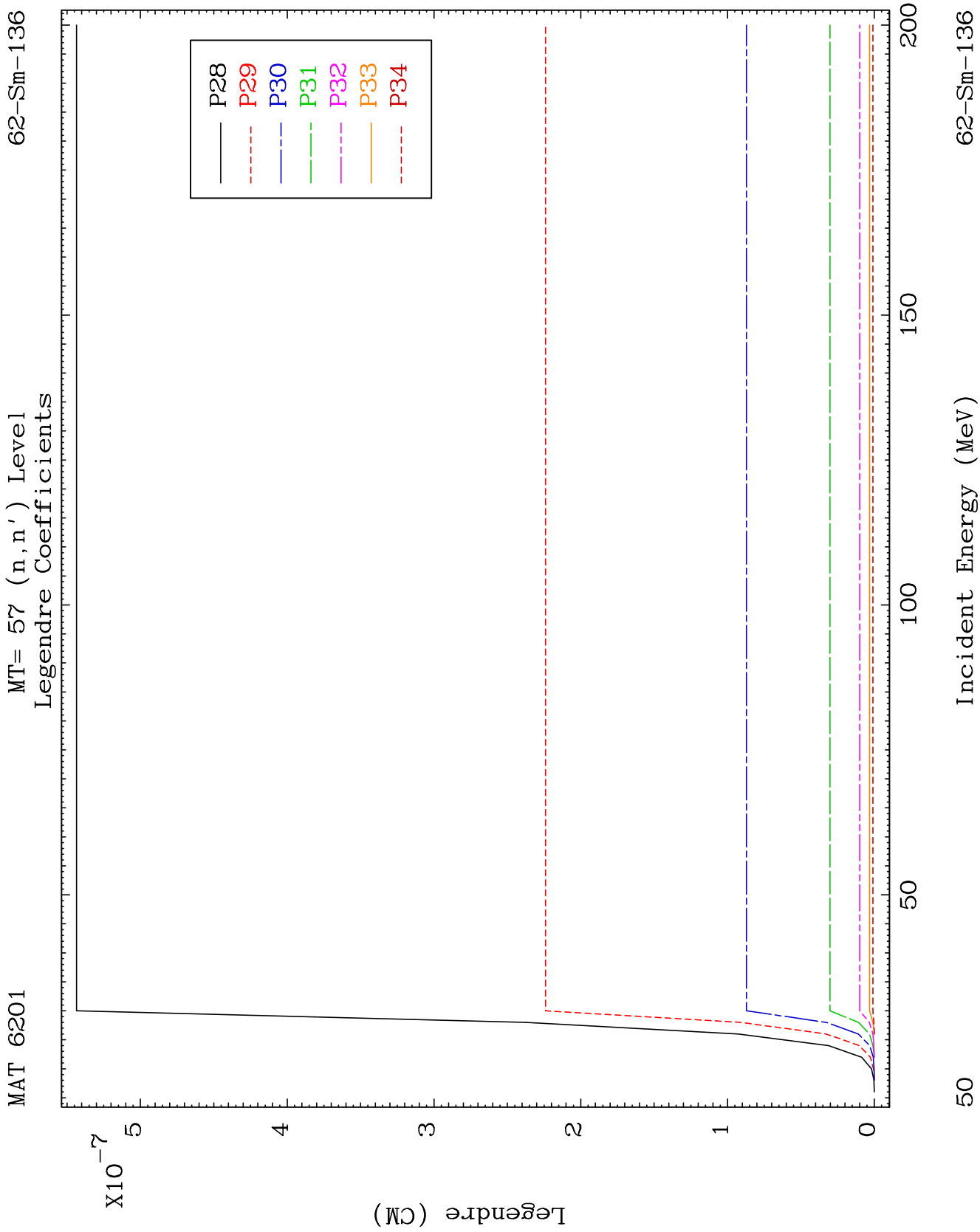


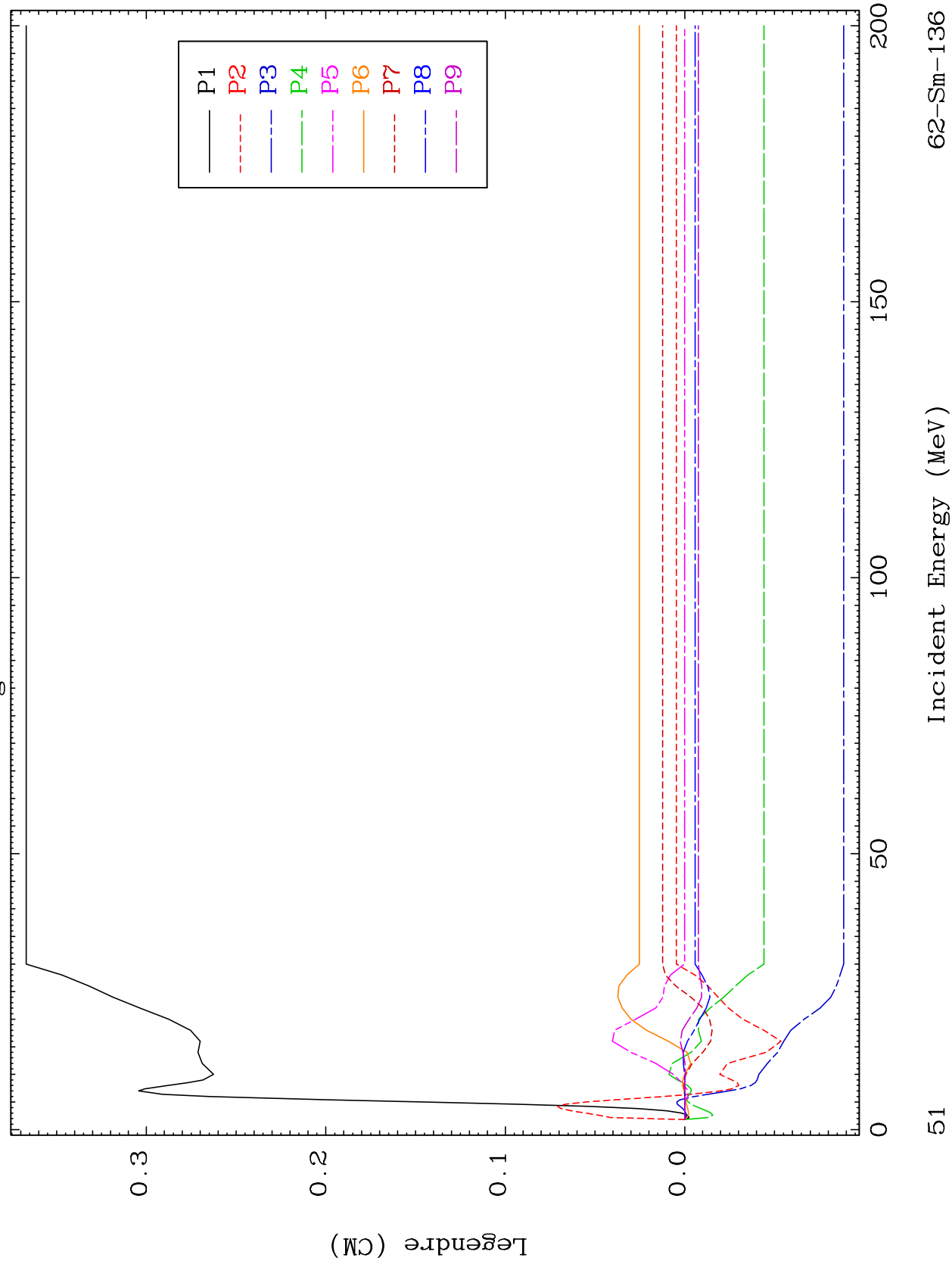








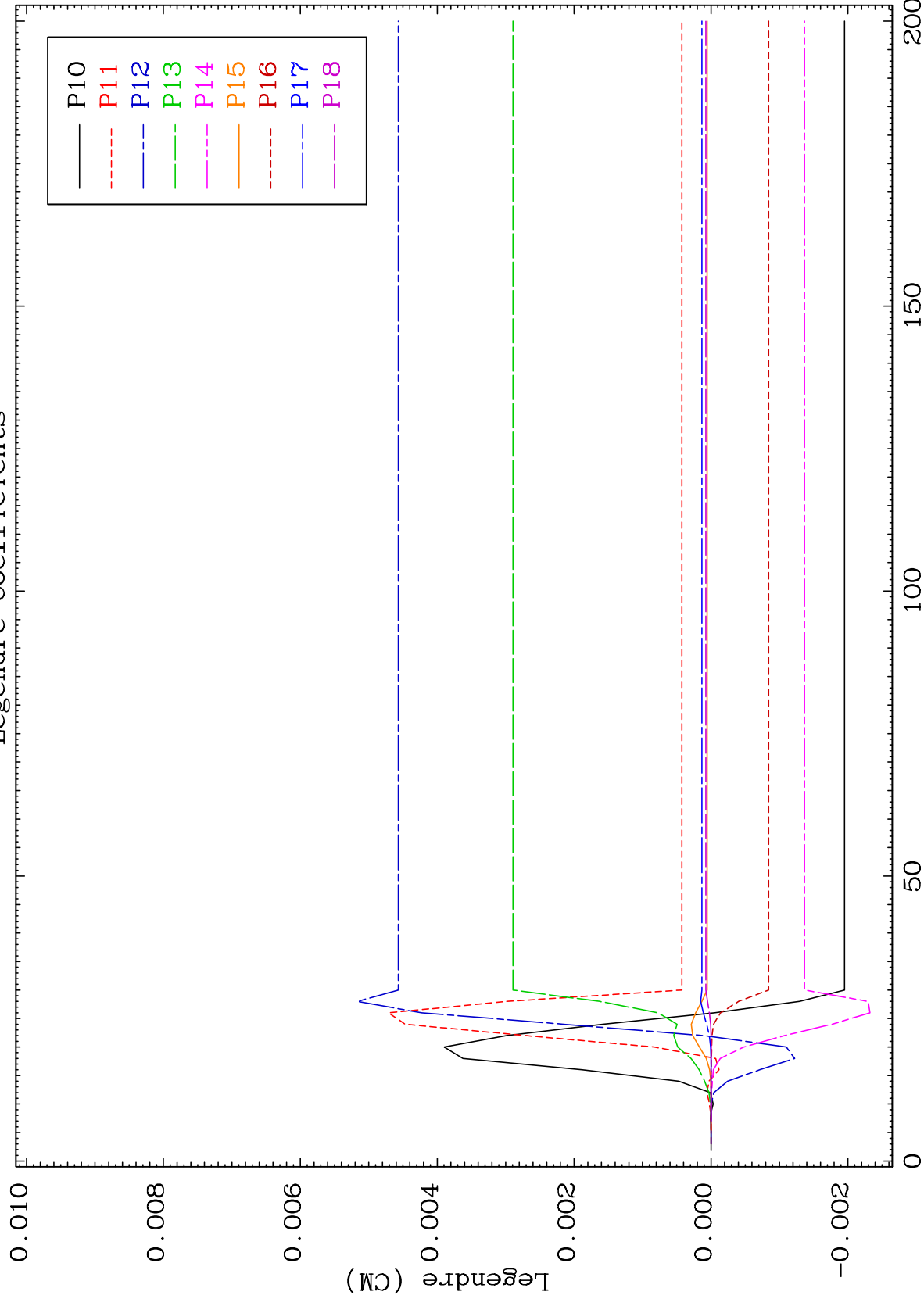




MAT 6201

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

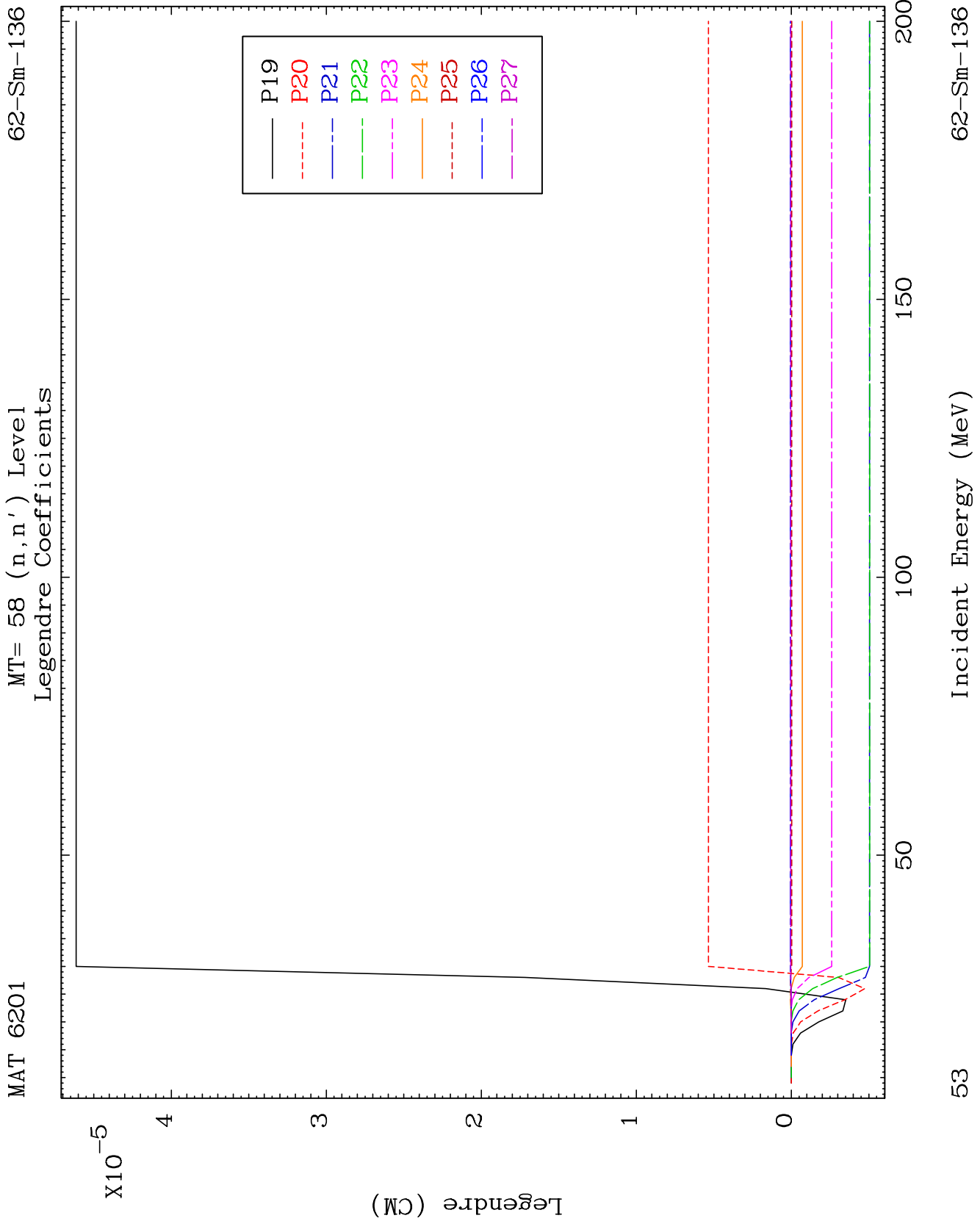
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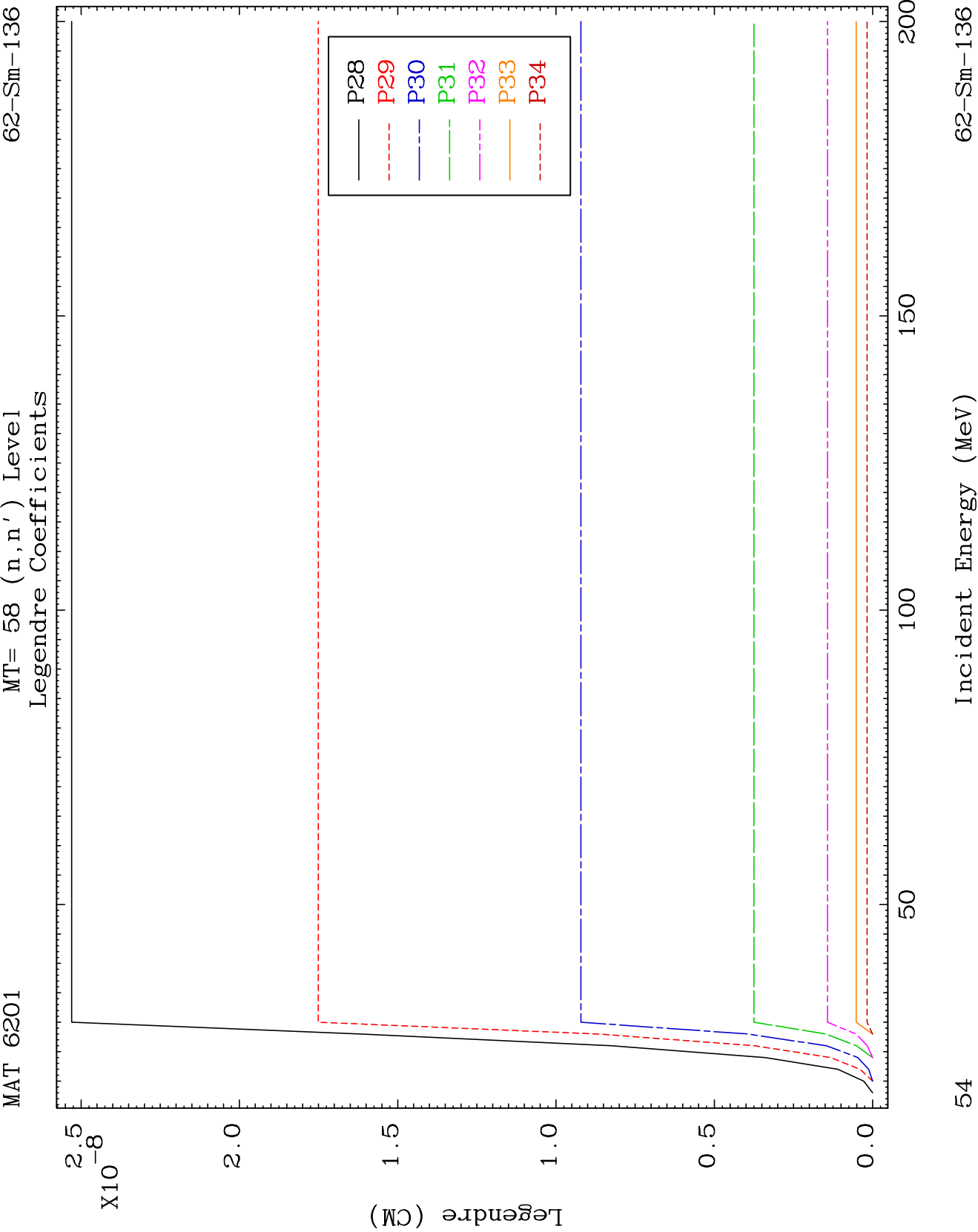


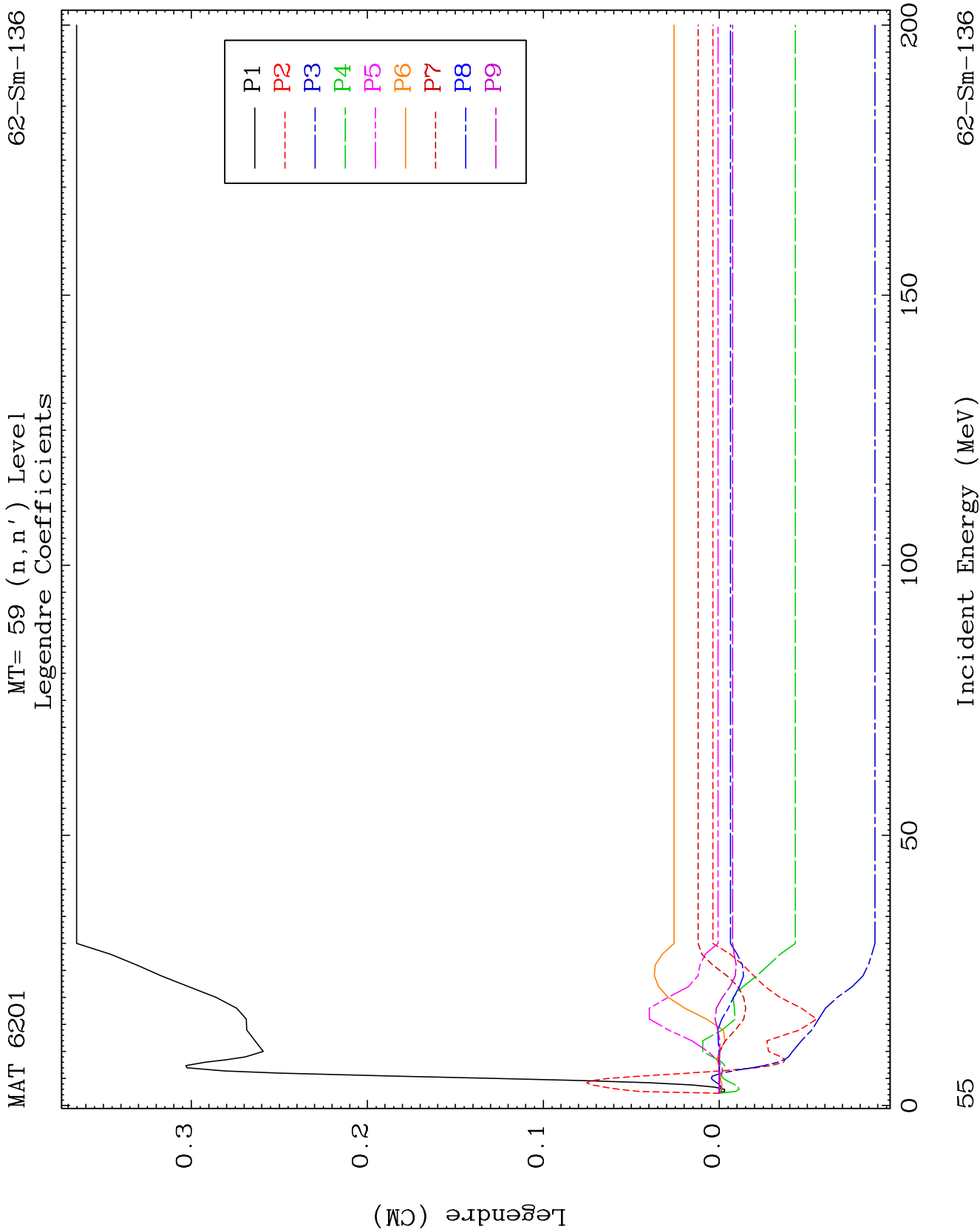
52

Incident Energy (MeV)

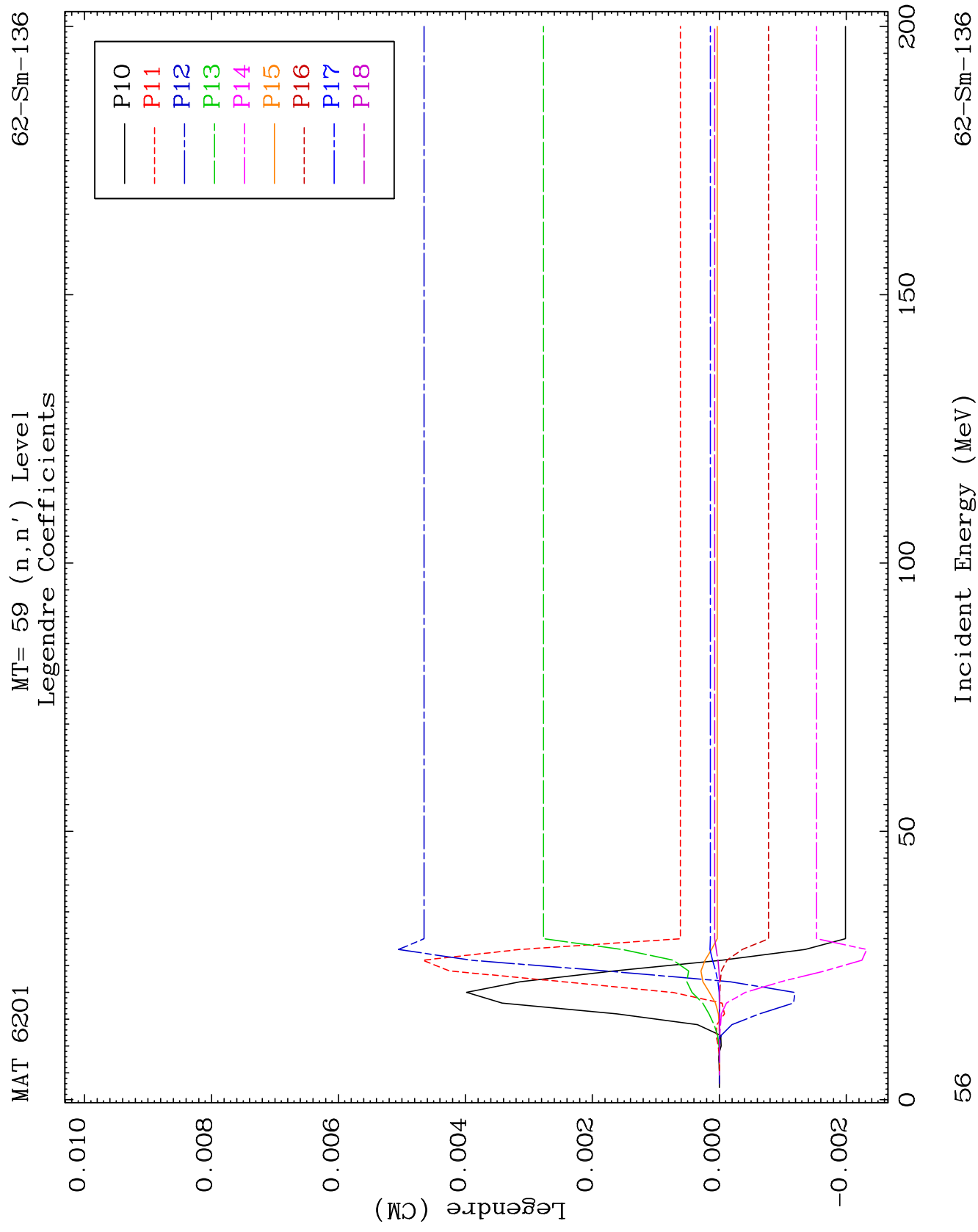
62-Sm-136

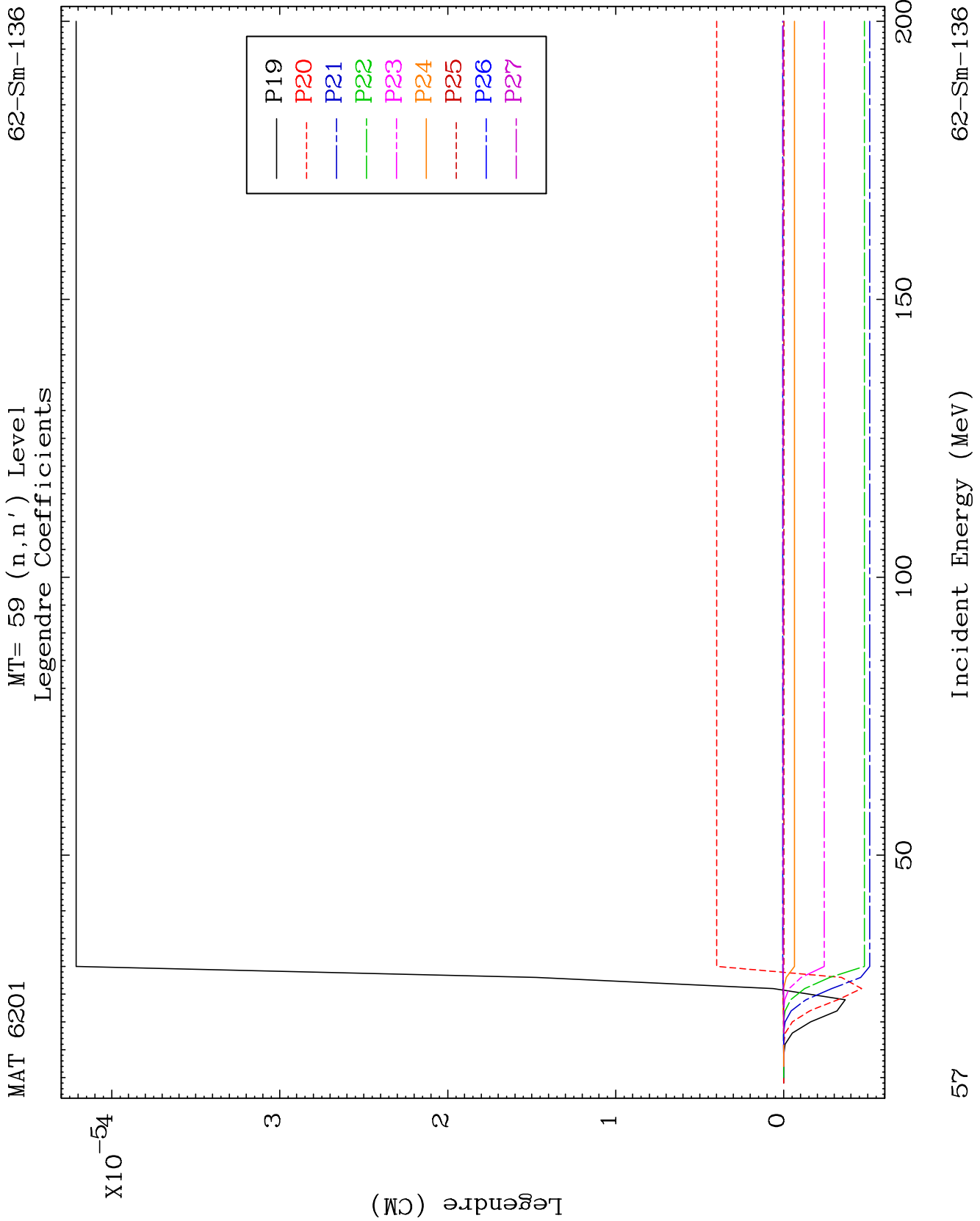


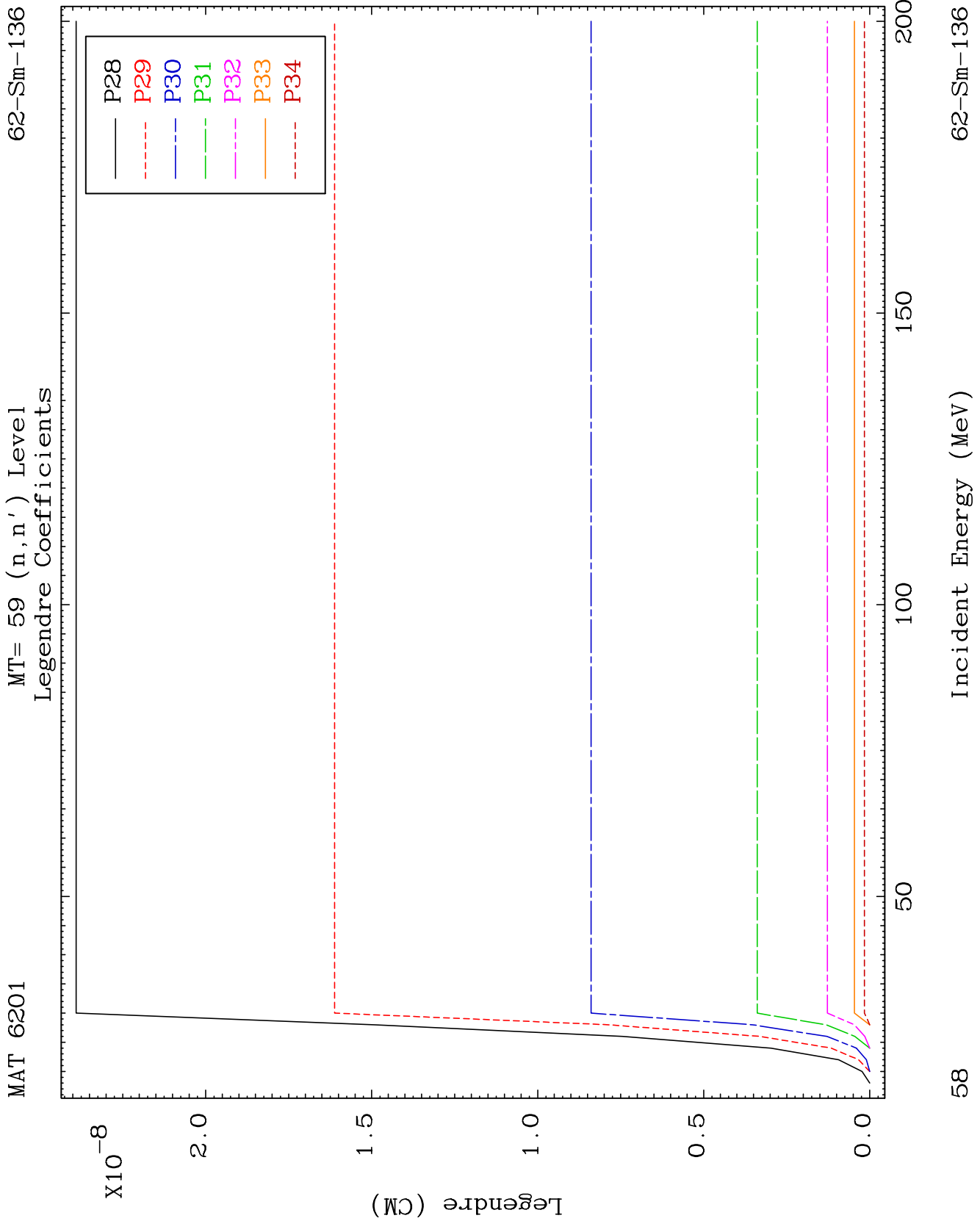


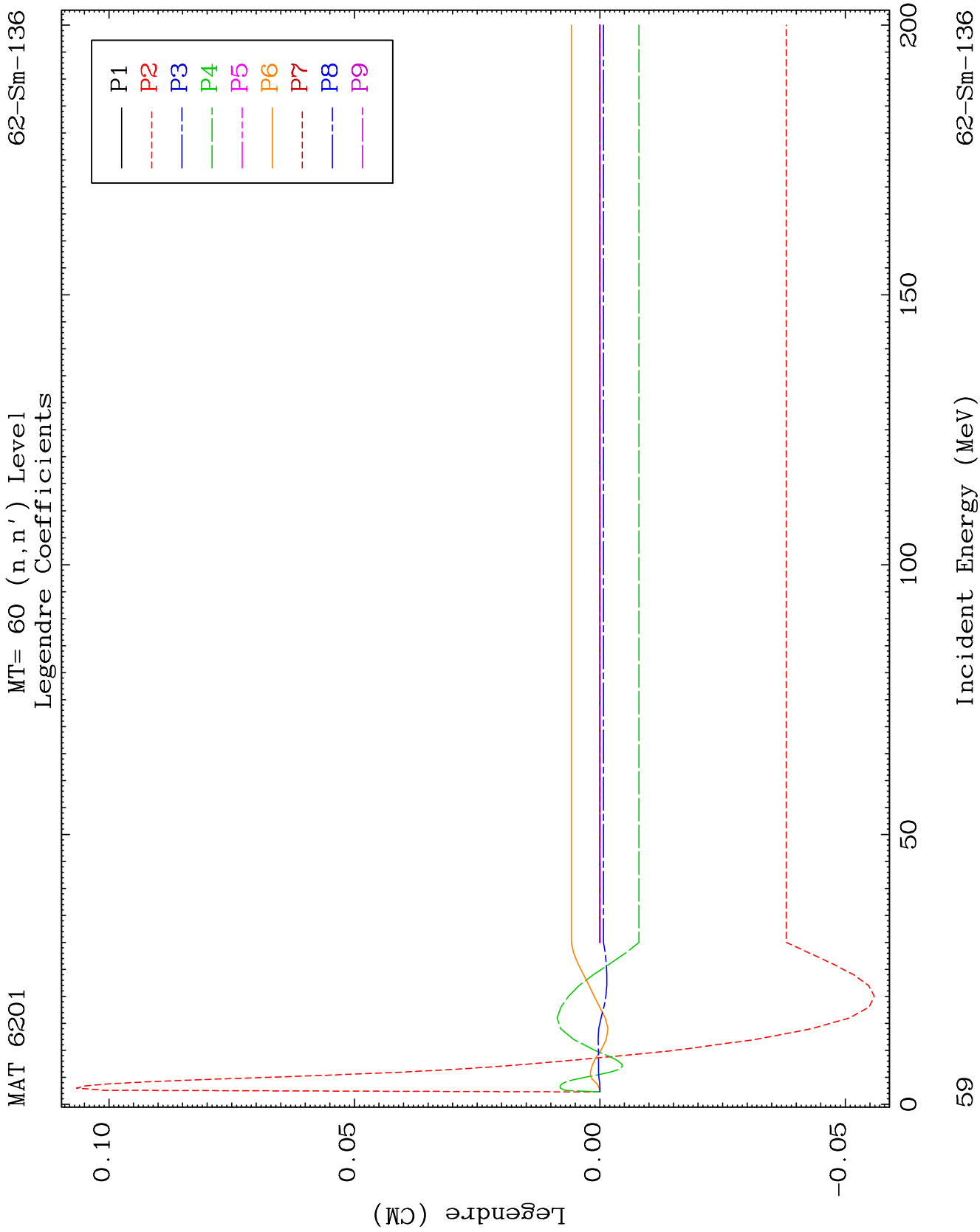


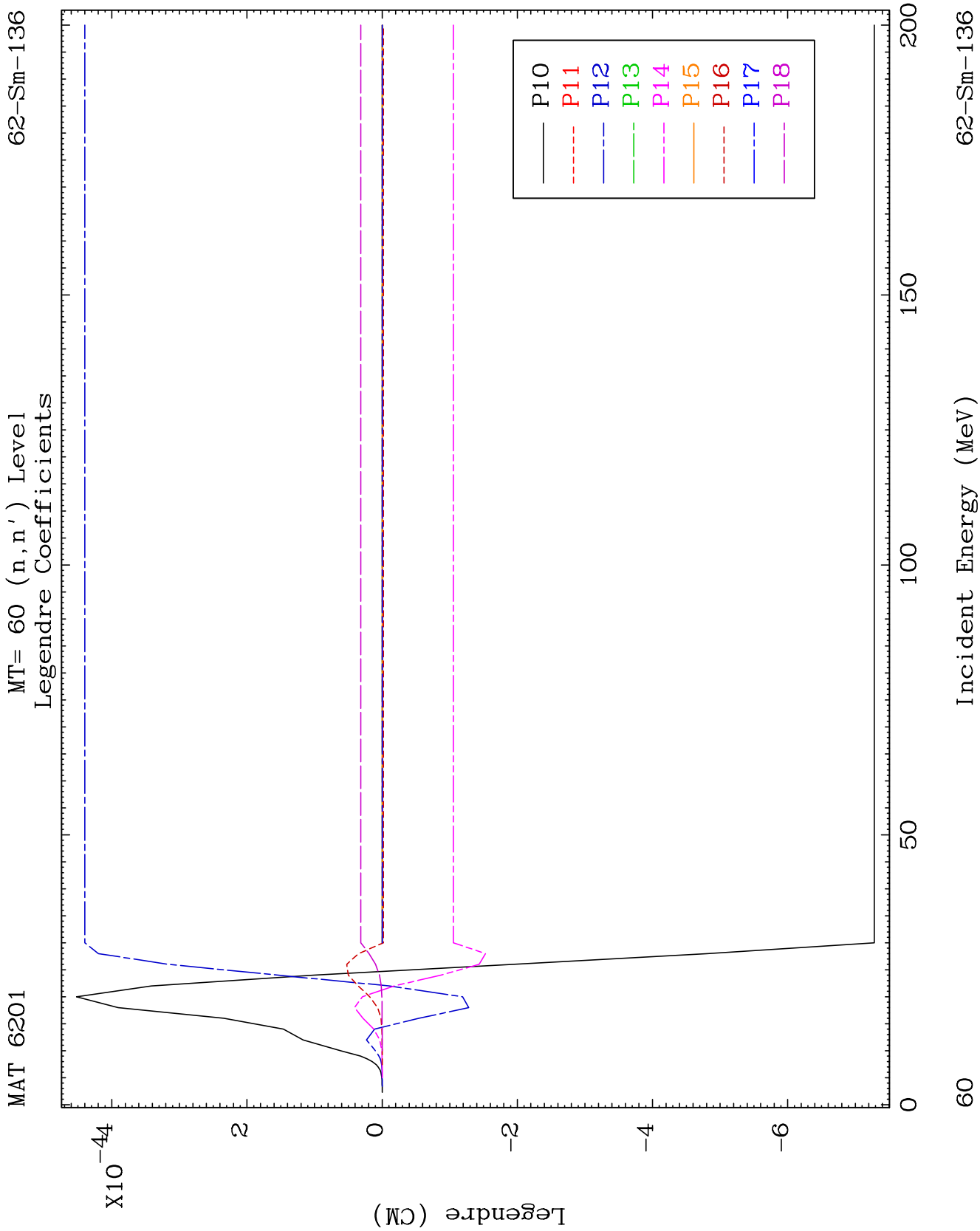


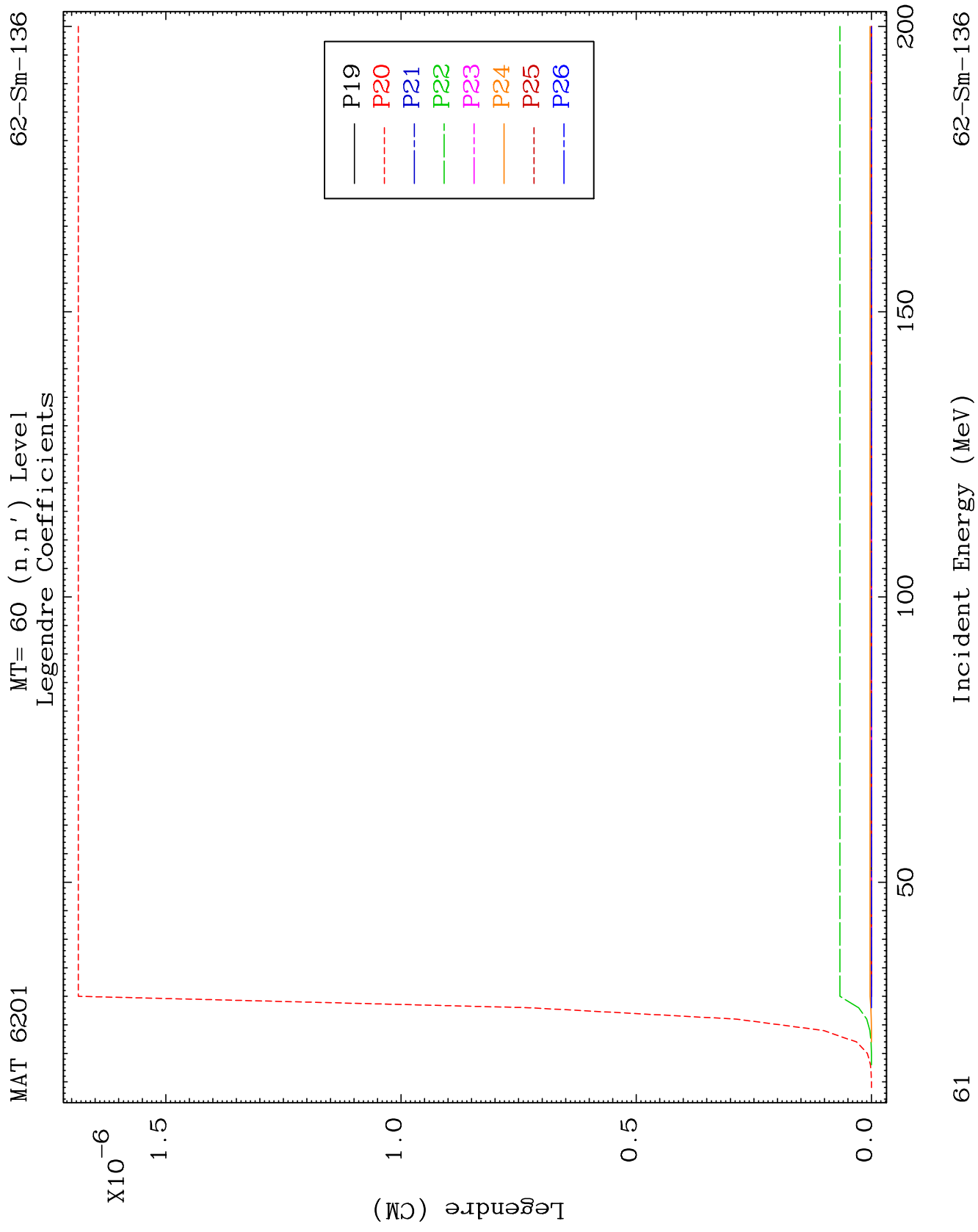










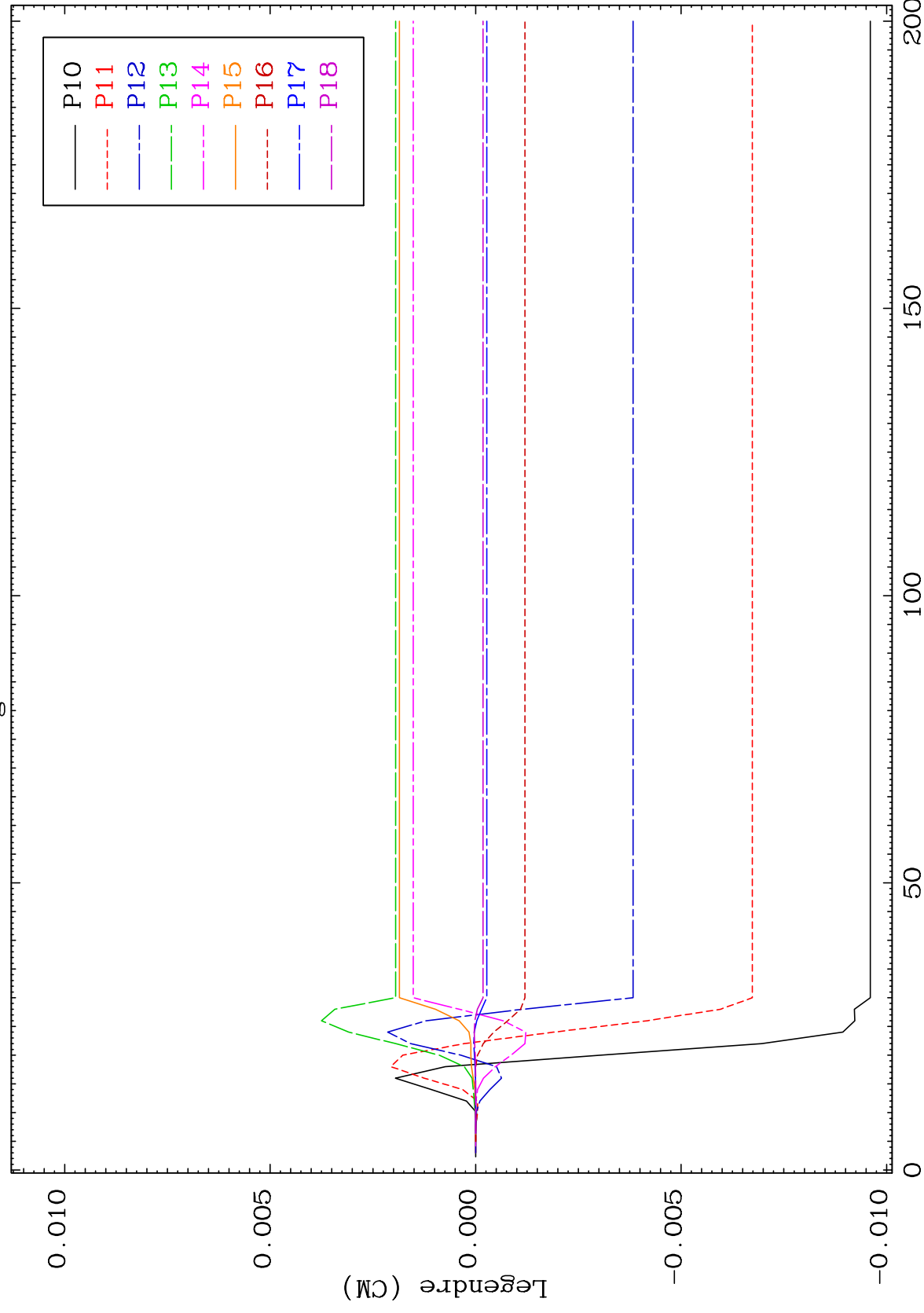




MAT 6201

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

62-Sm-136

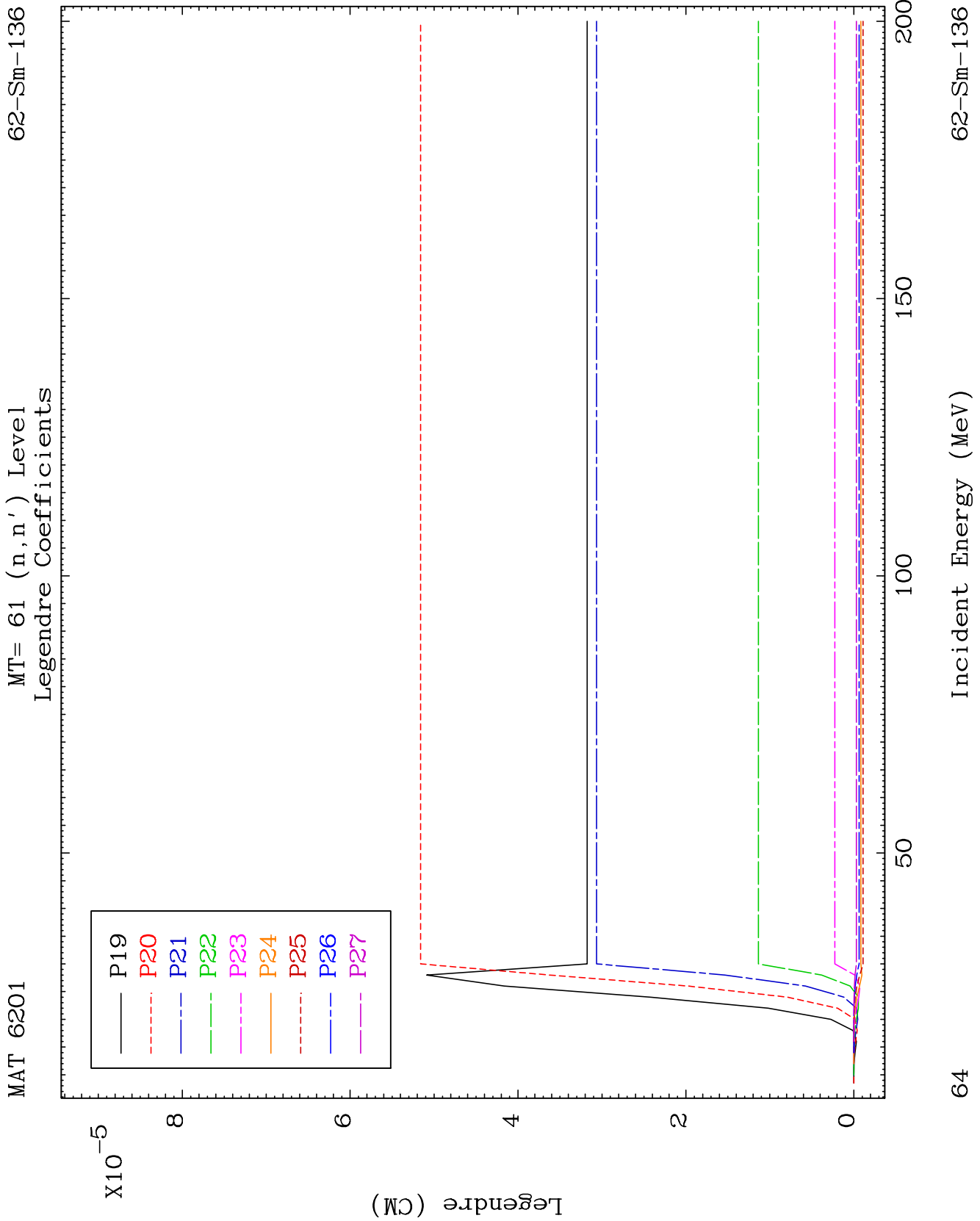


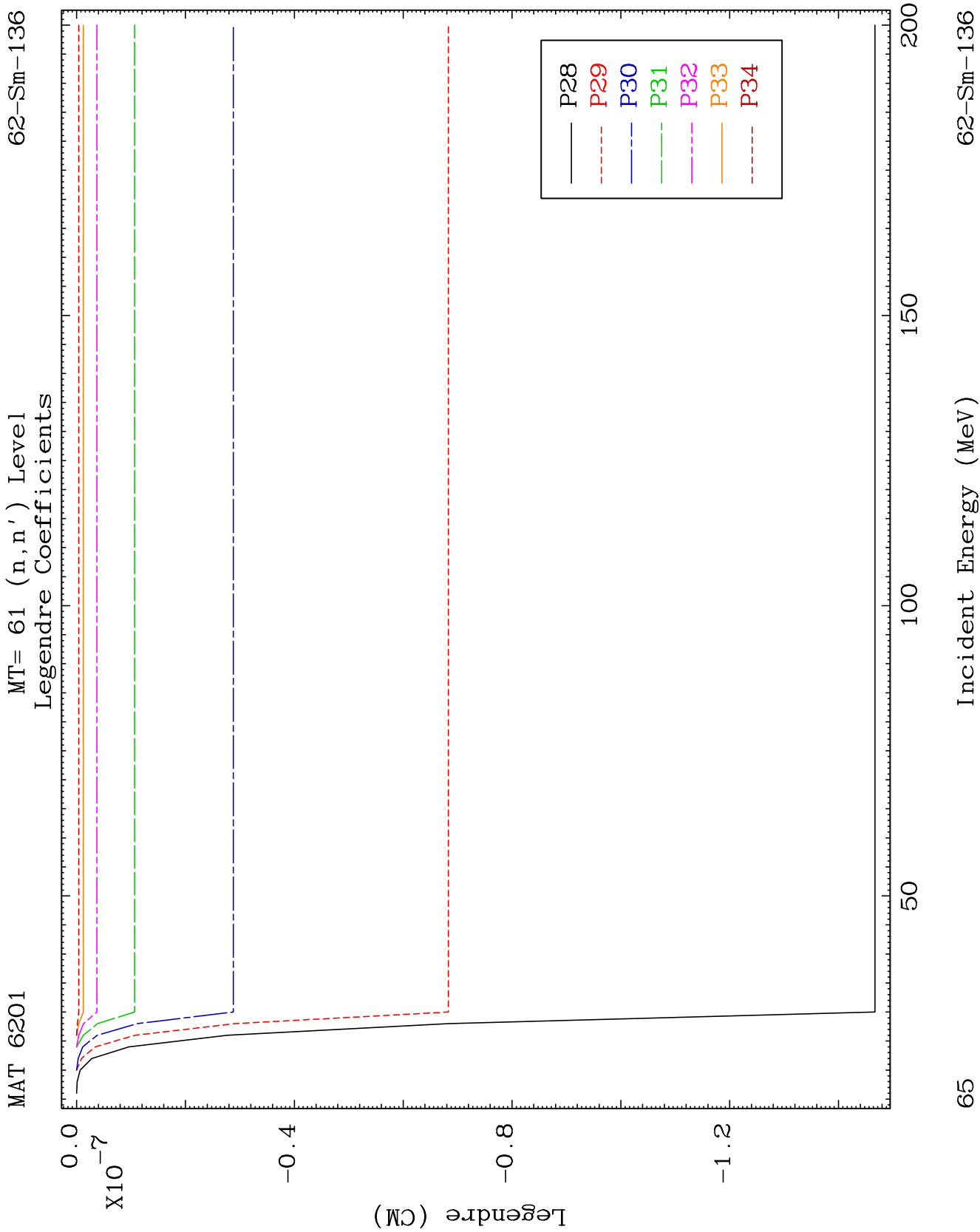
36

Incident Energy (MeV)

62-Sm-136





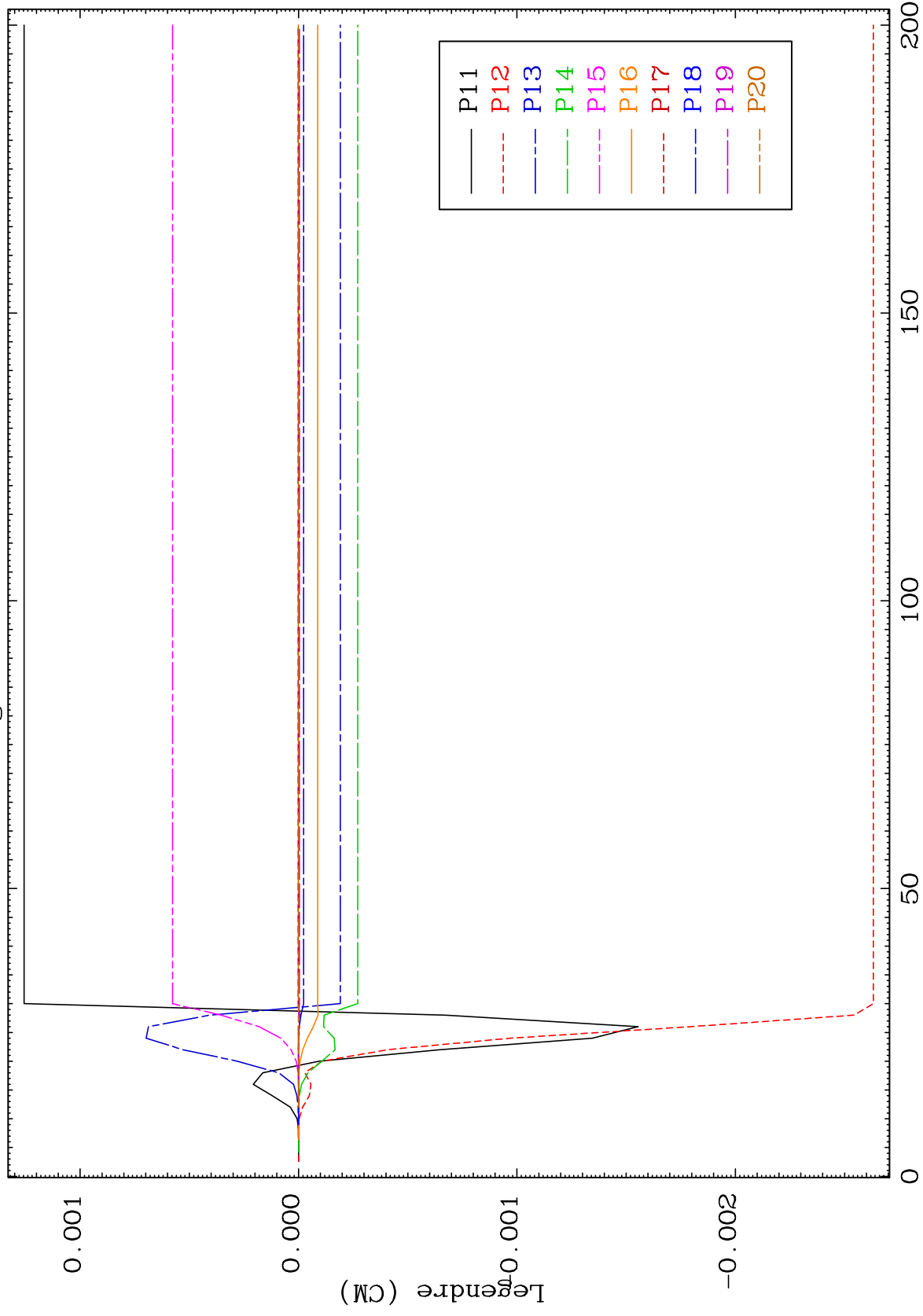




MAT 6201

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

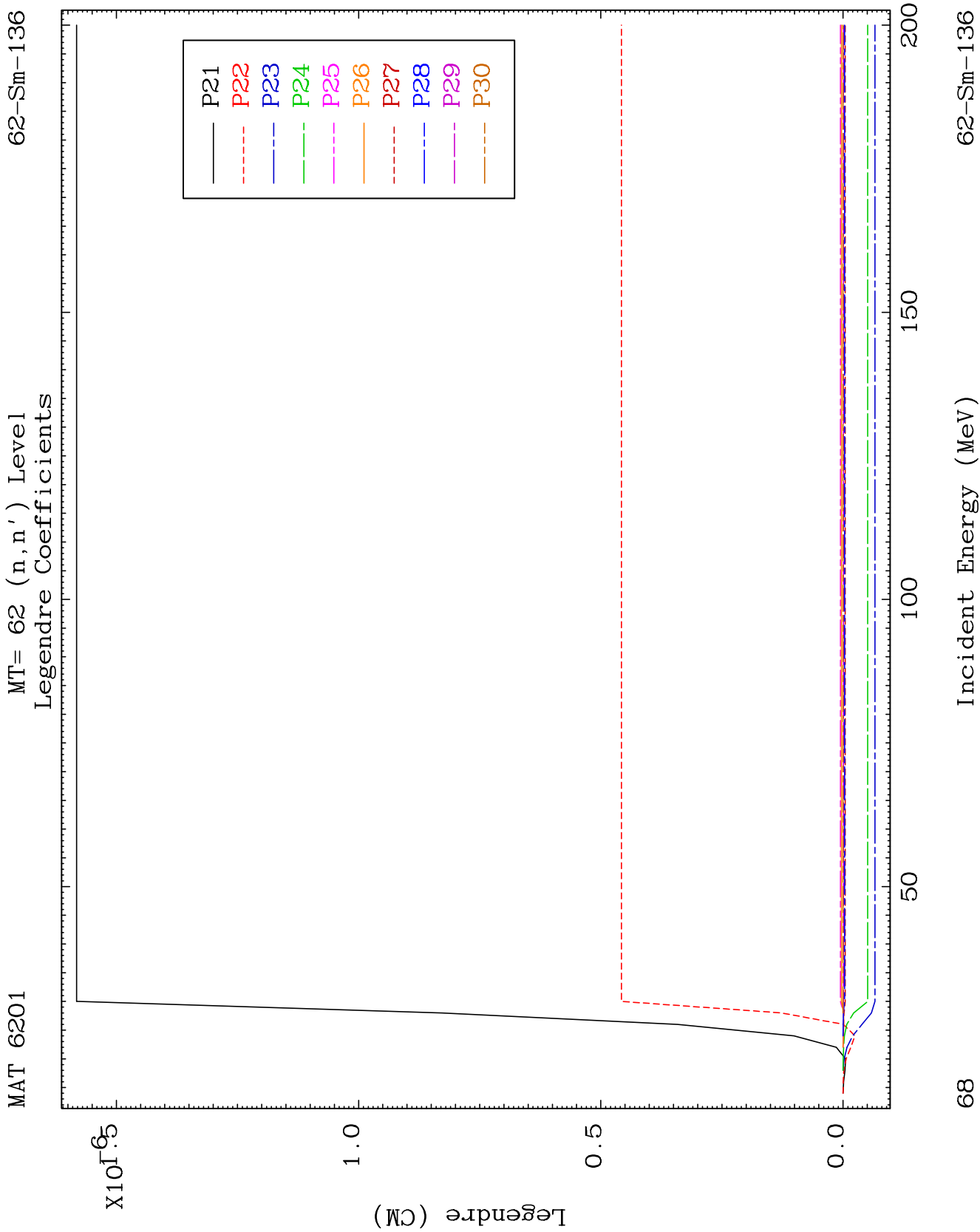
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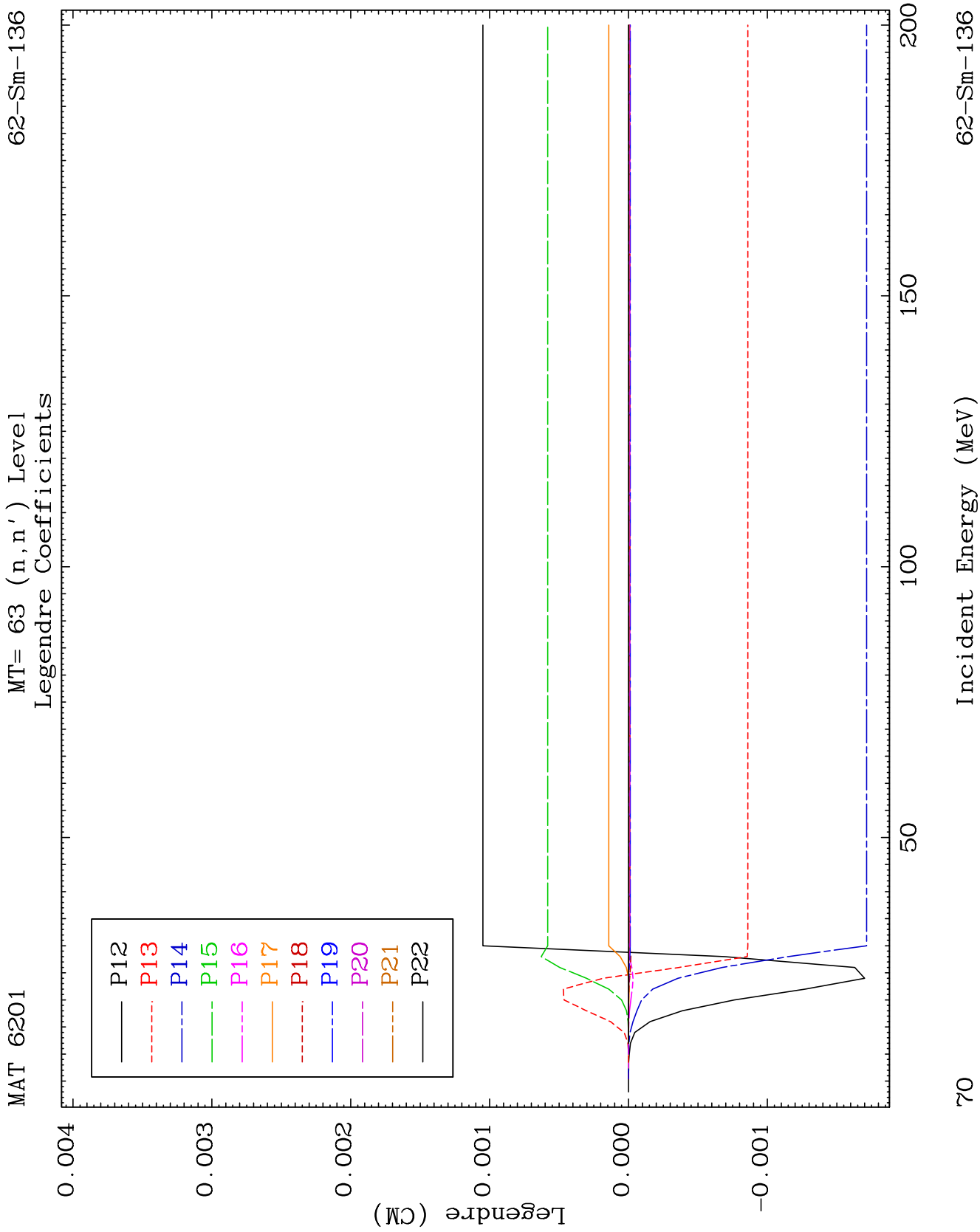
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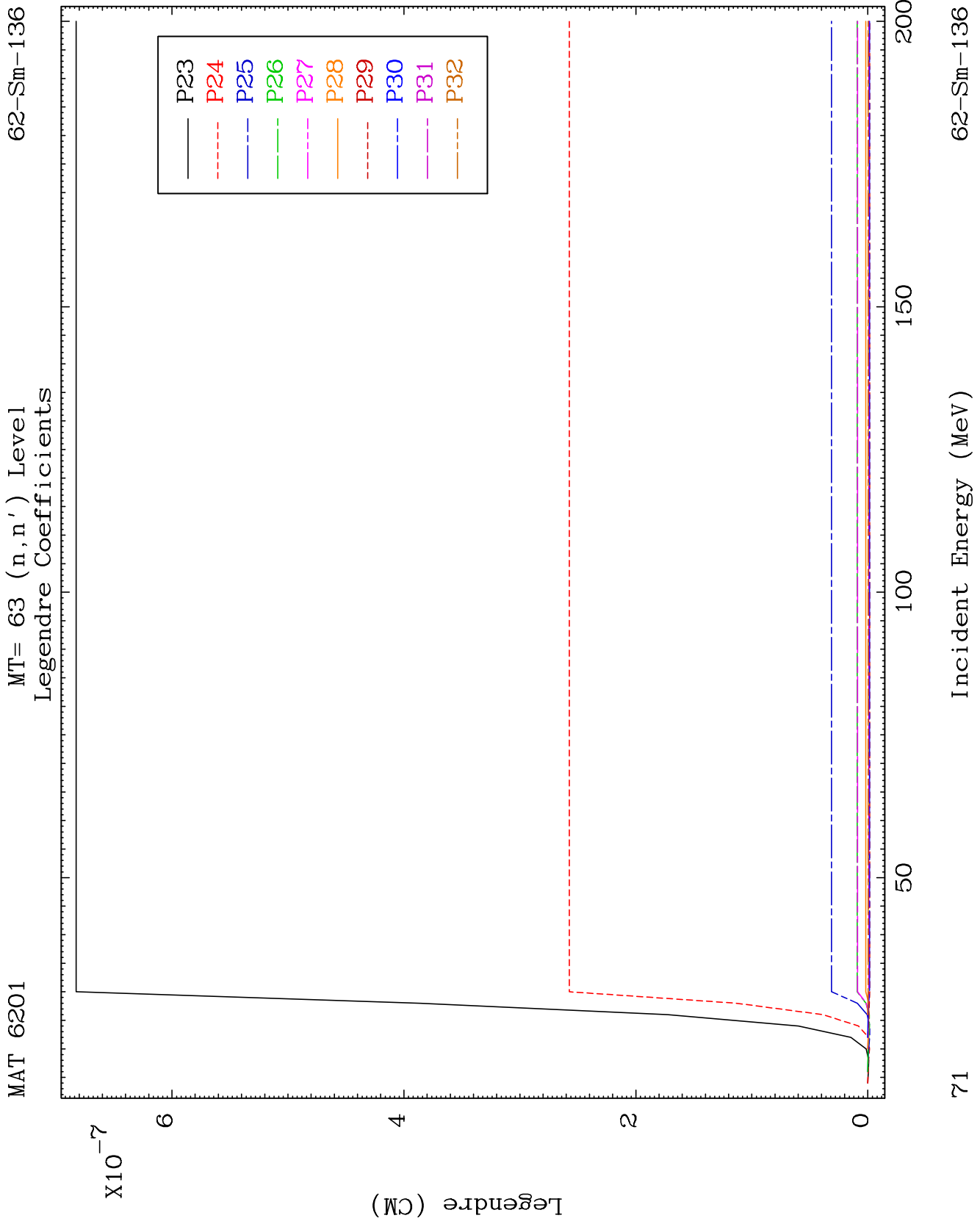
Incident Energy (MeV)

62-Sm-136







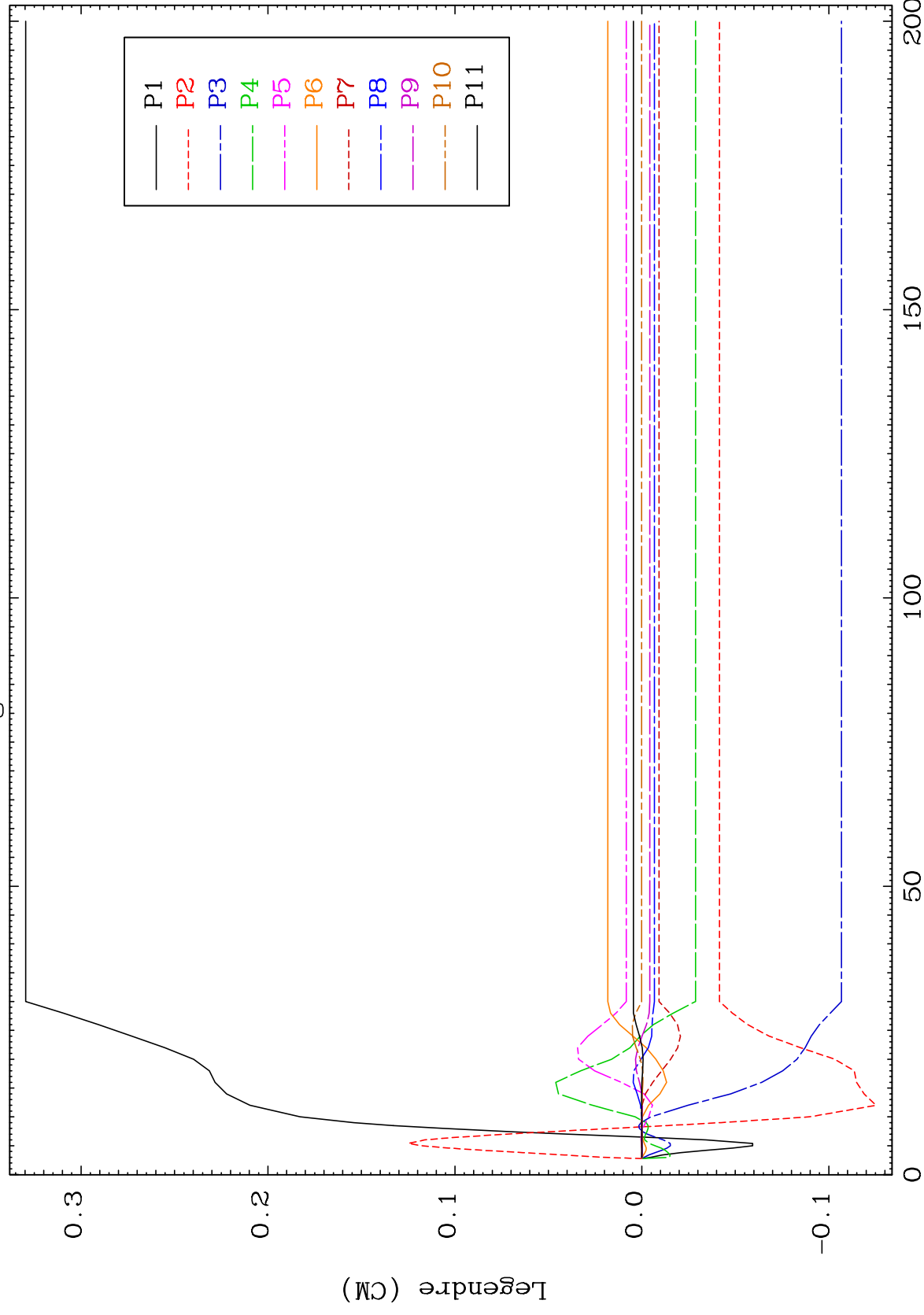




MAT 6201

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

62-Sm-136



22

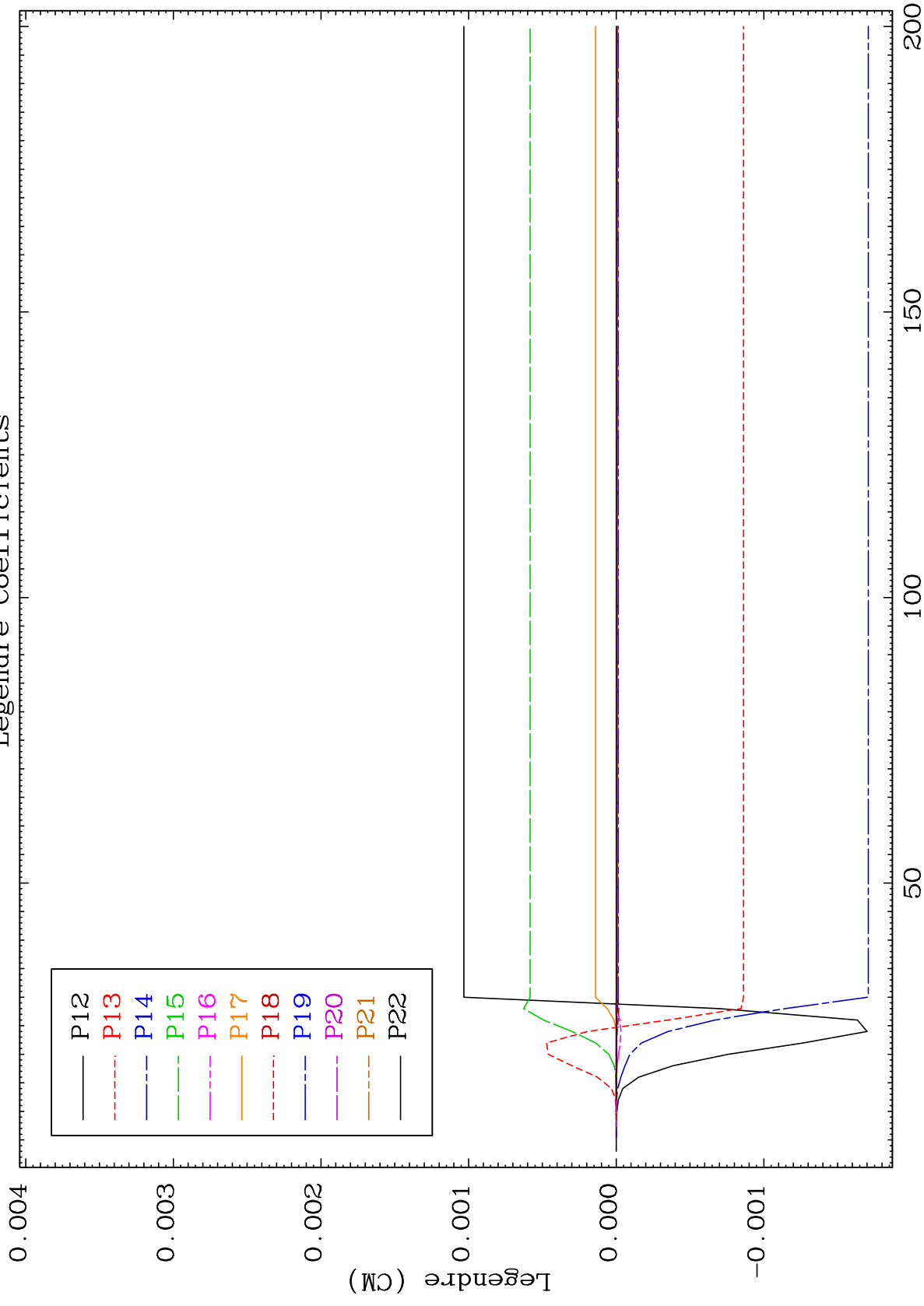
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

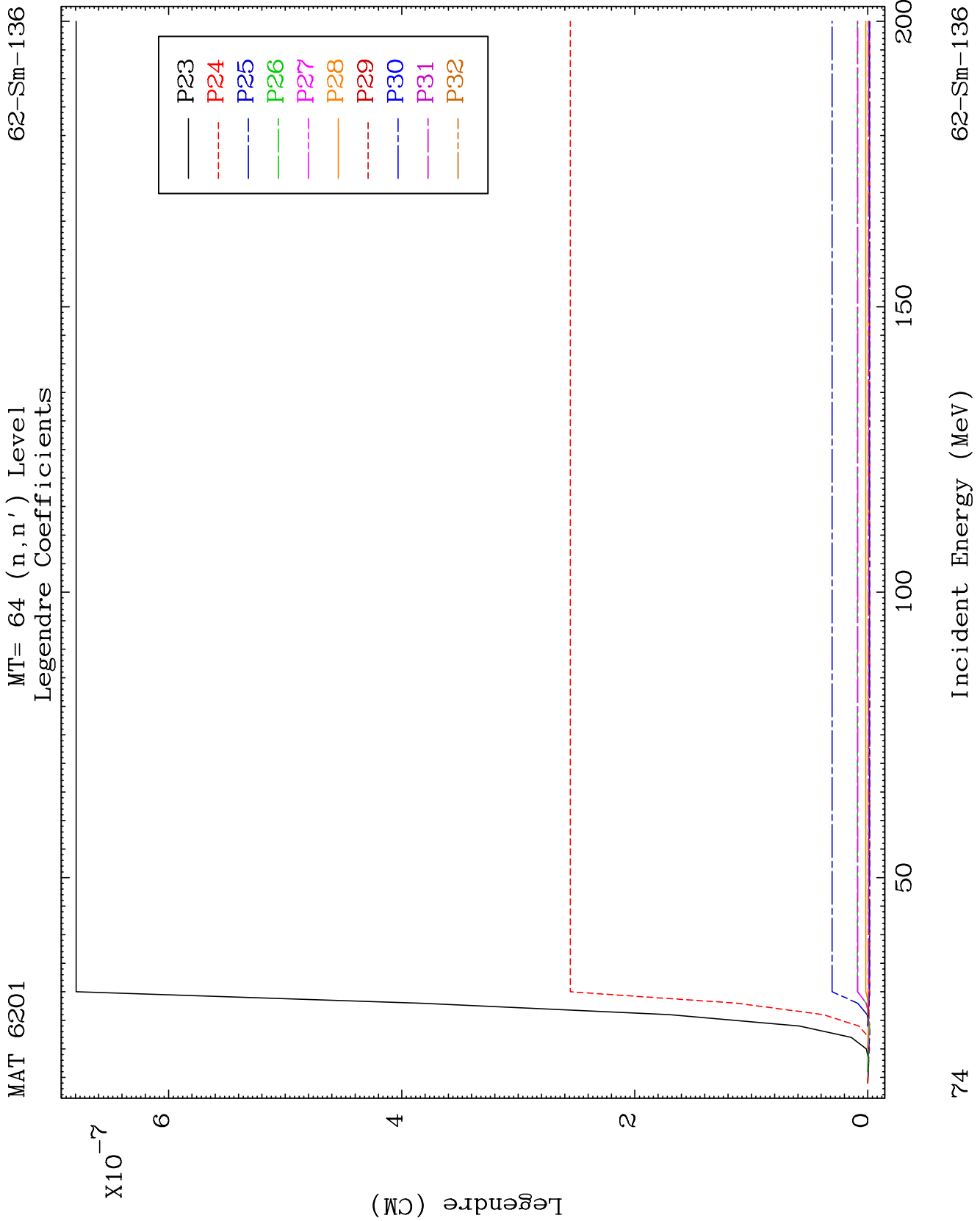
62-Sm-136



23

Incident Energy (MeV)

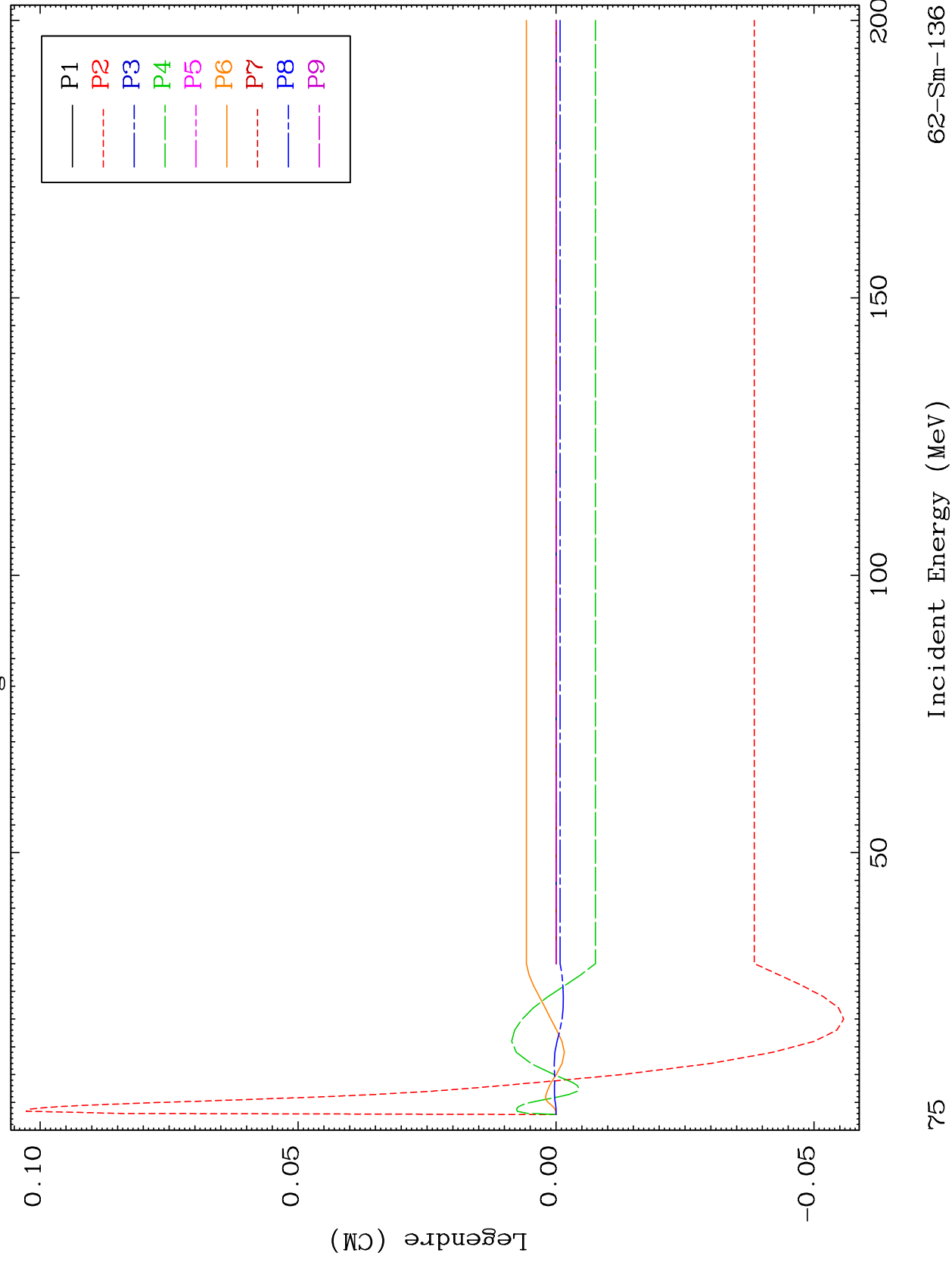
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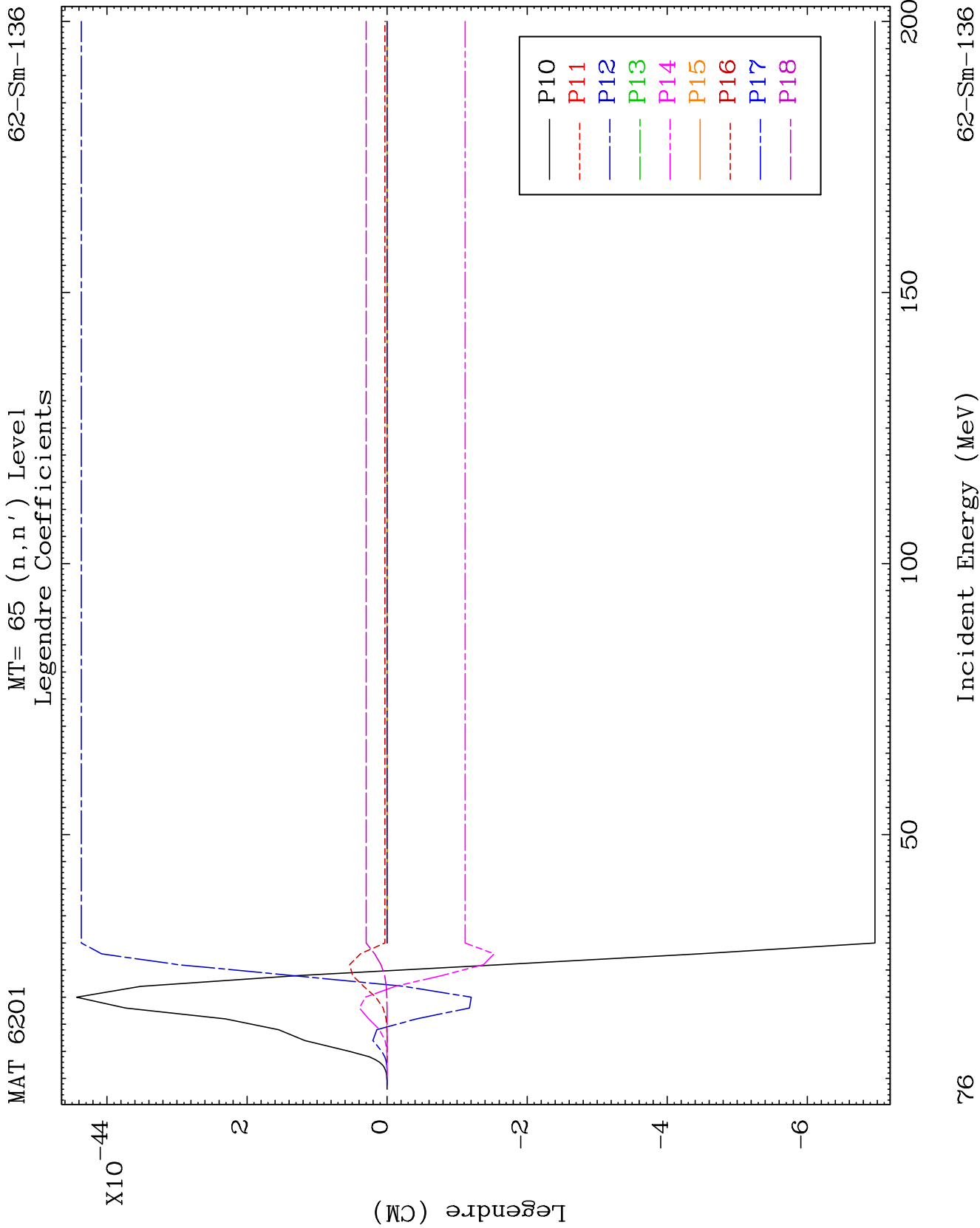


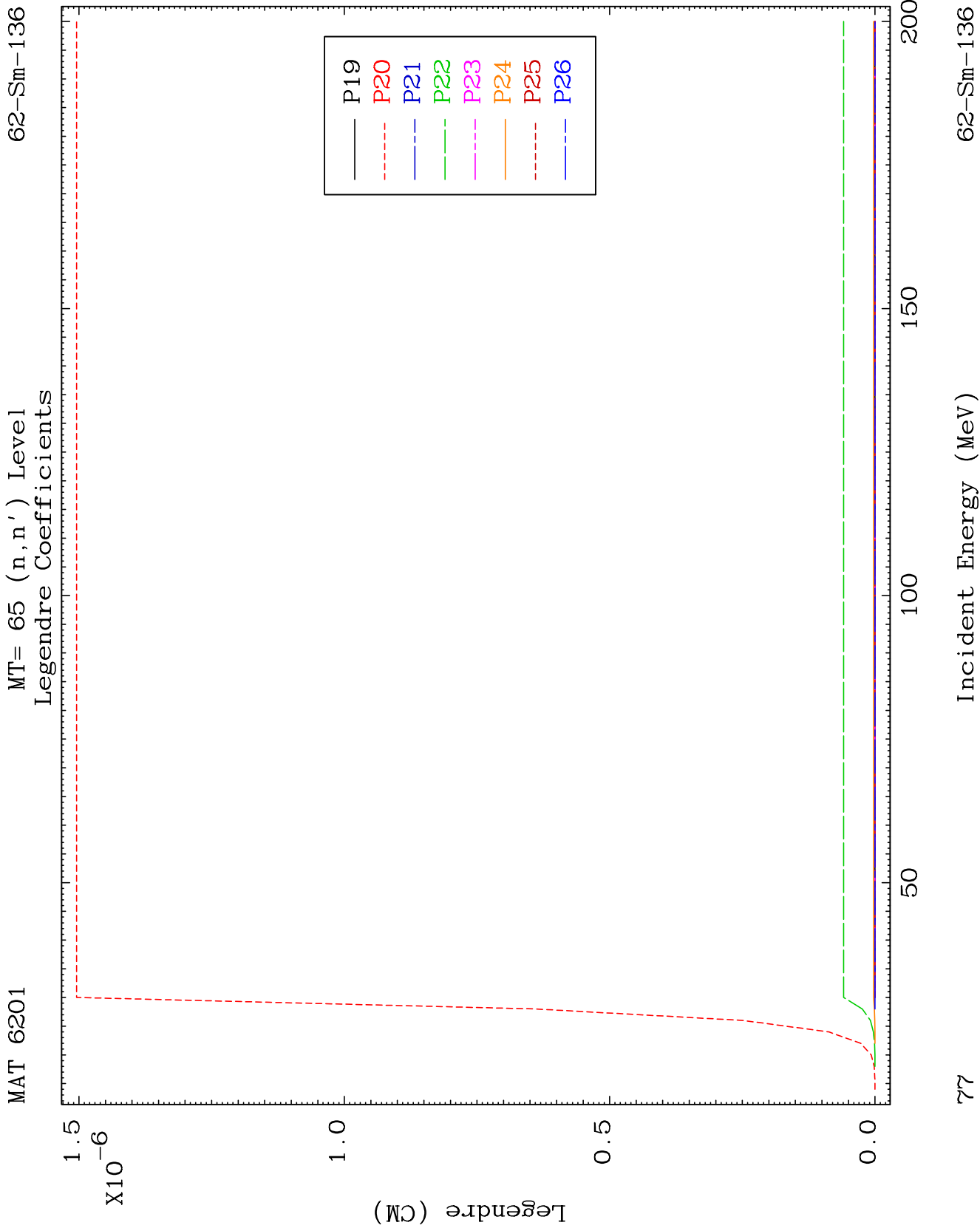
MAT 6201

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

62-Sm-136



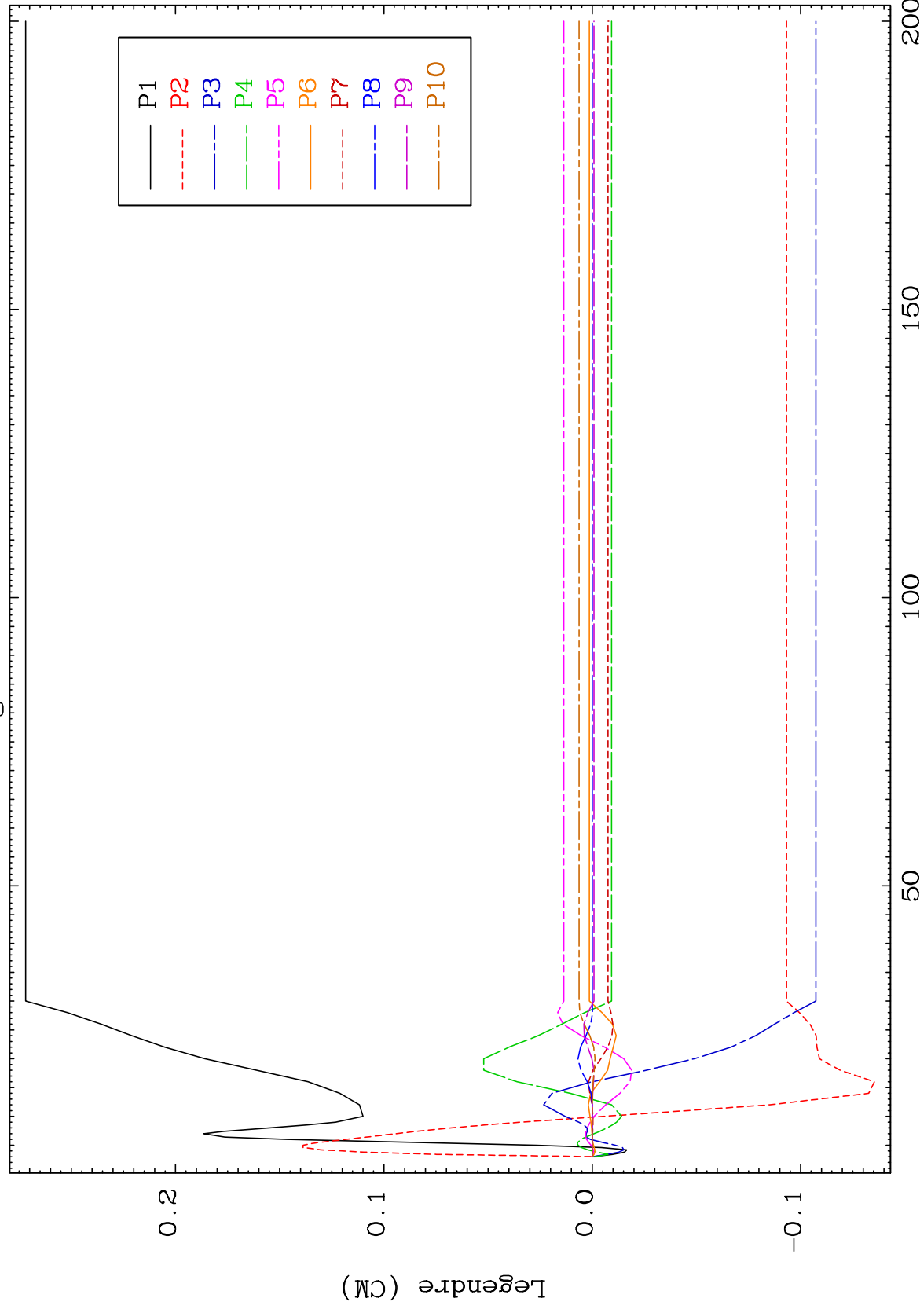




MAT 6201

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

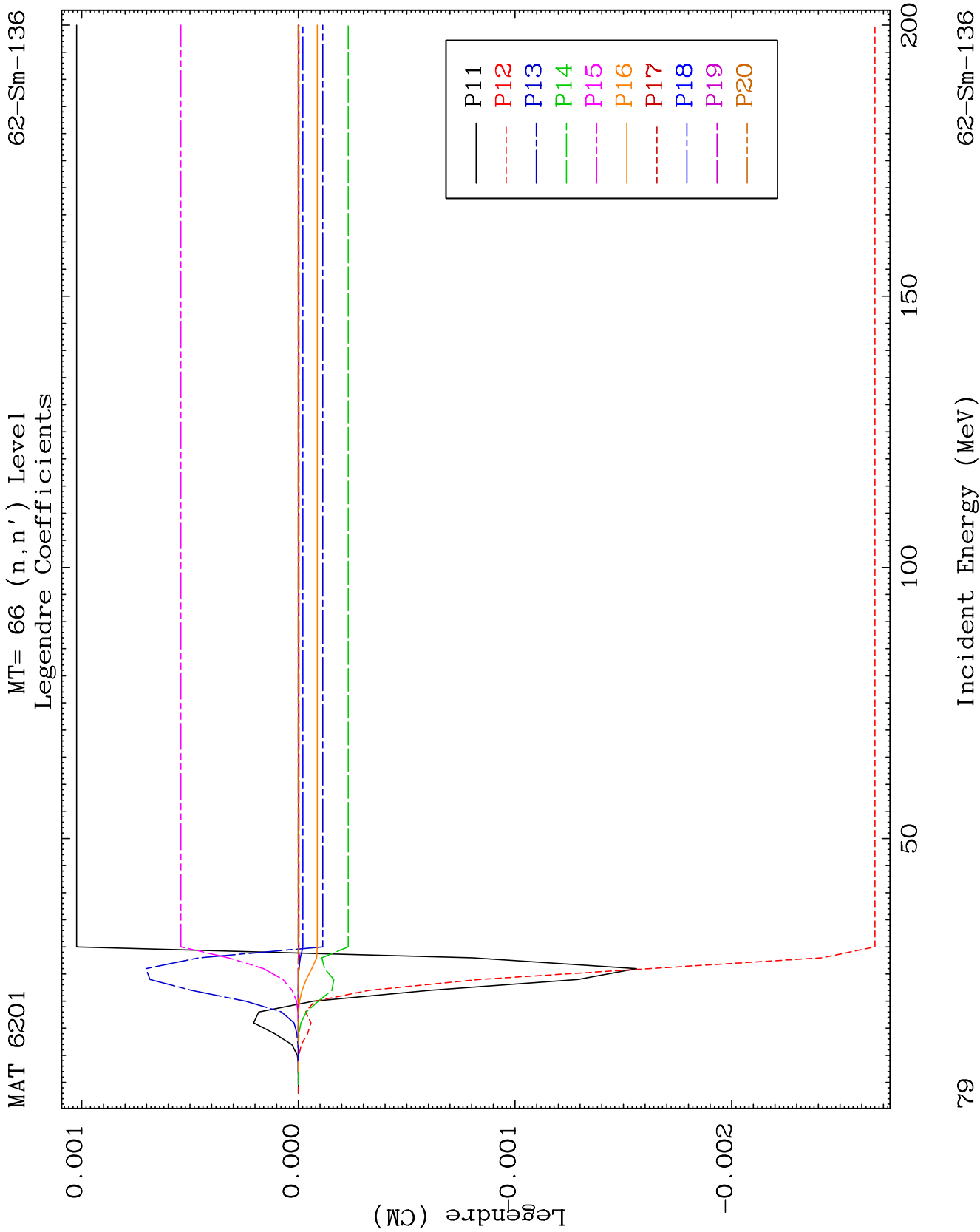
62-Sm-136



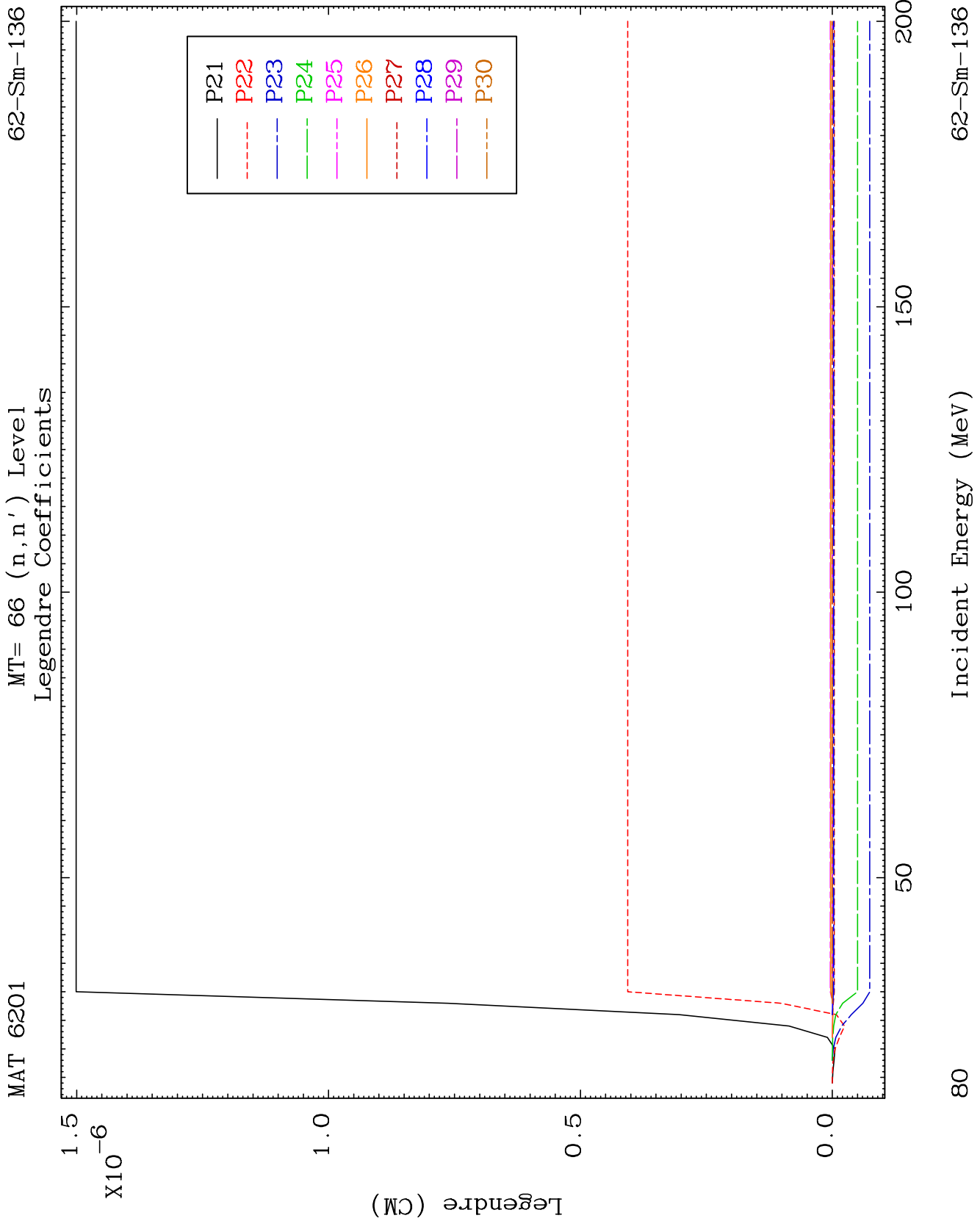
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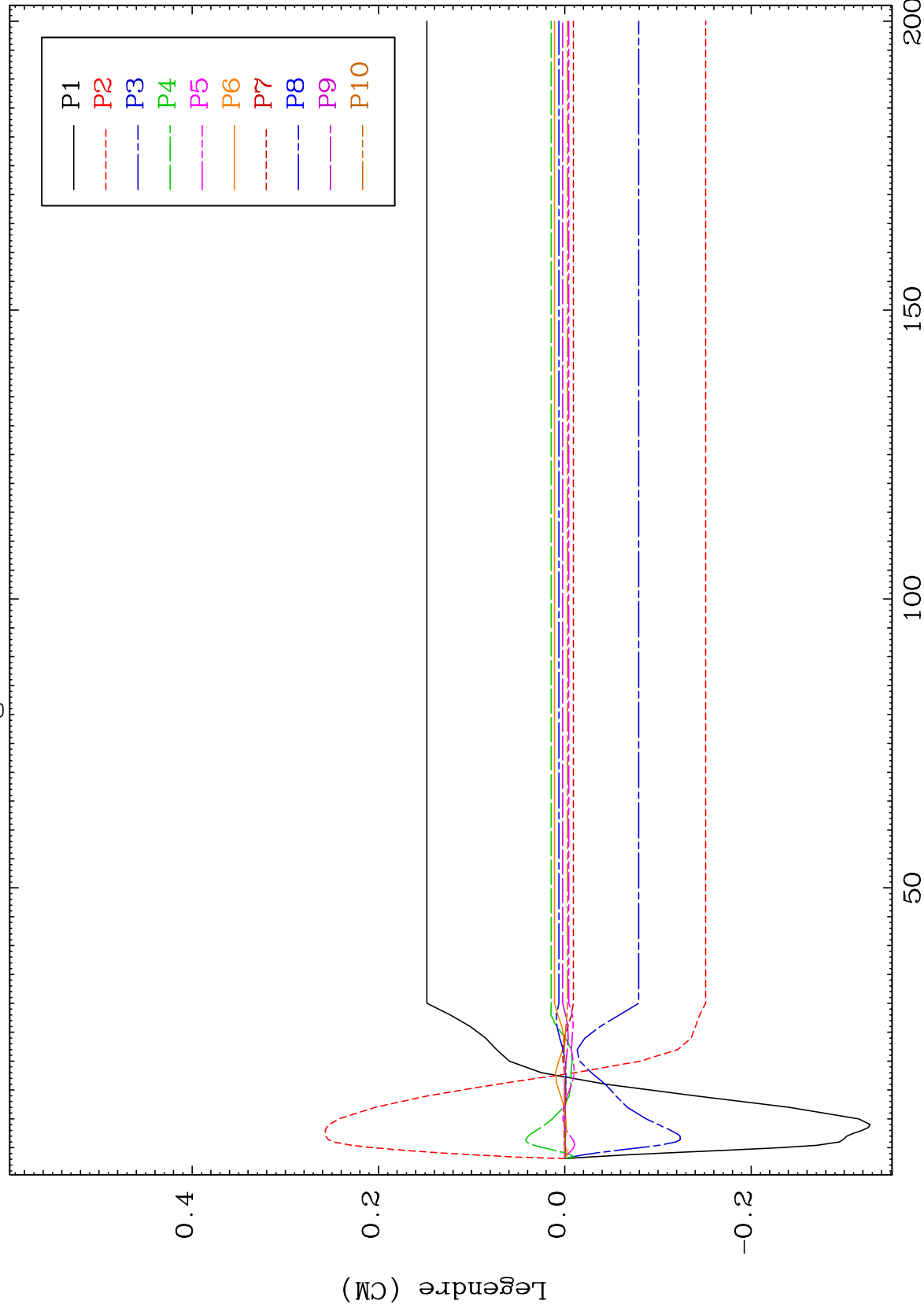
Incident Energy (MeV)

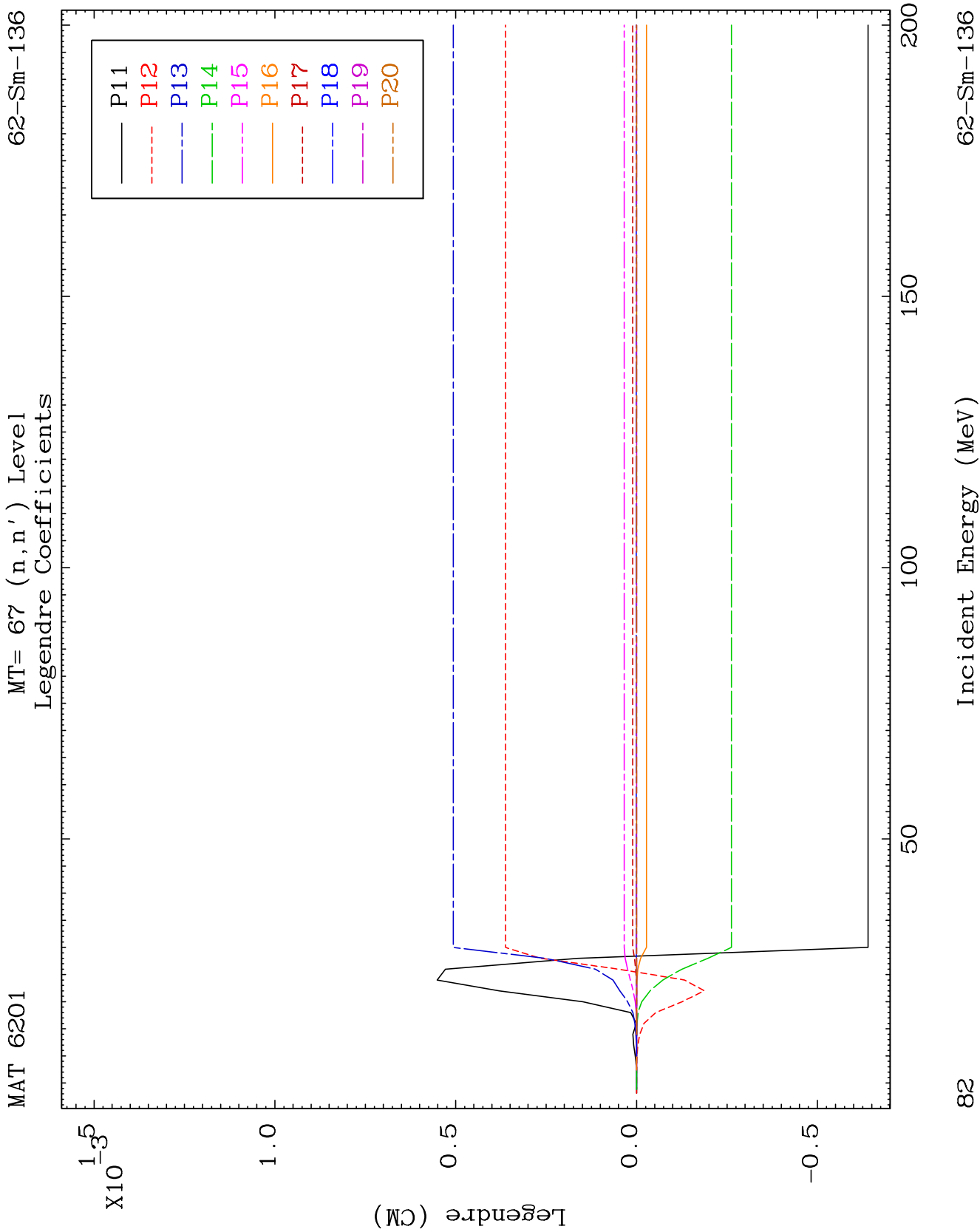
62-Sm-136

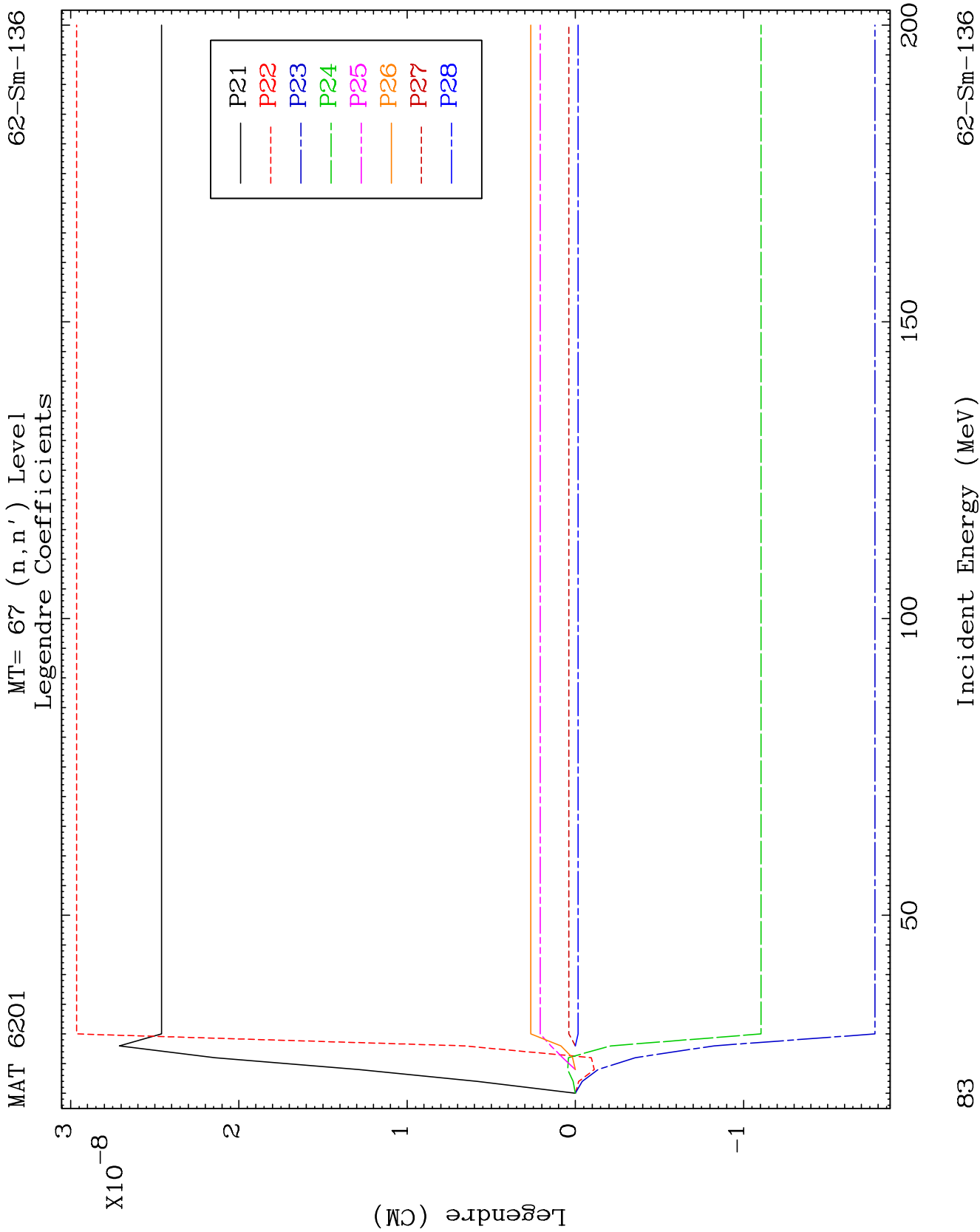


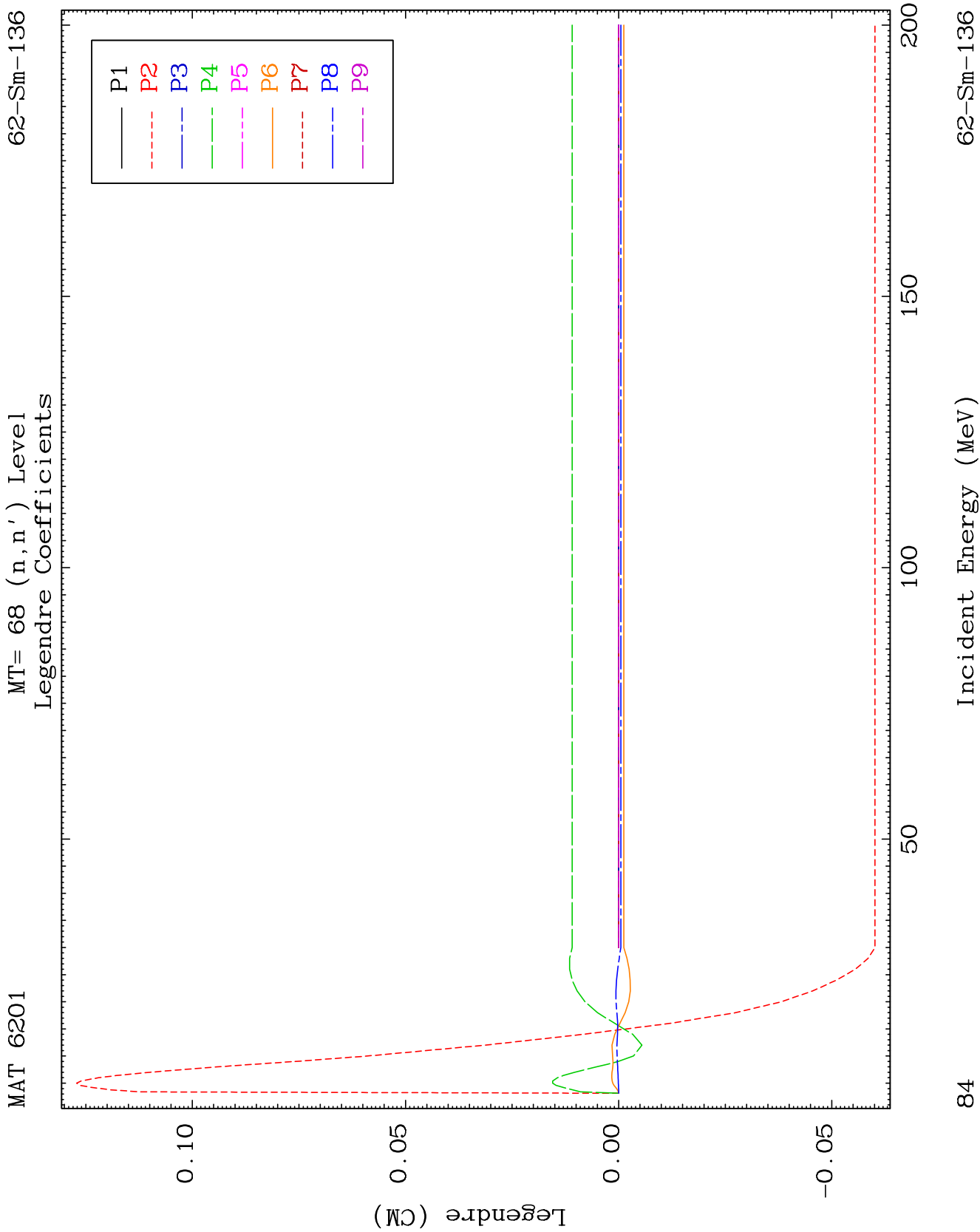


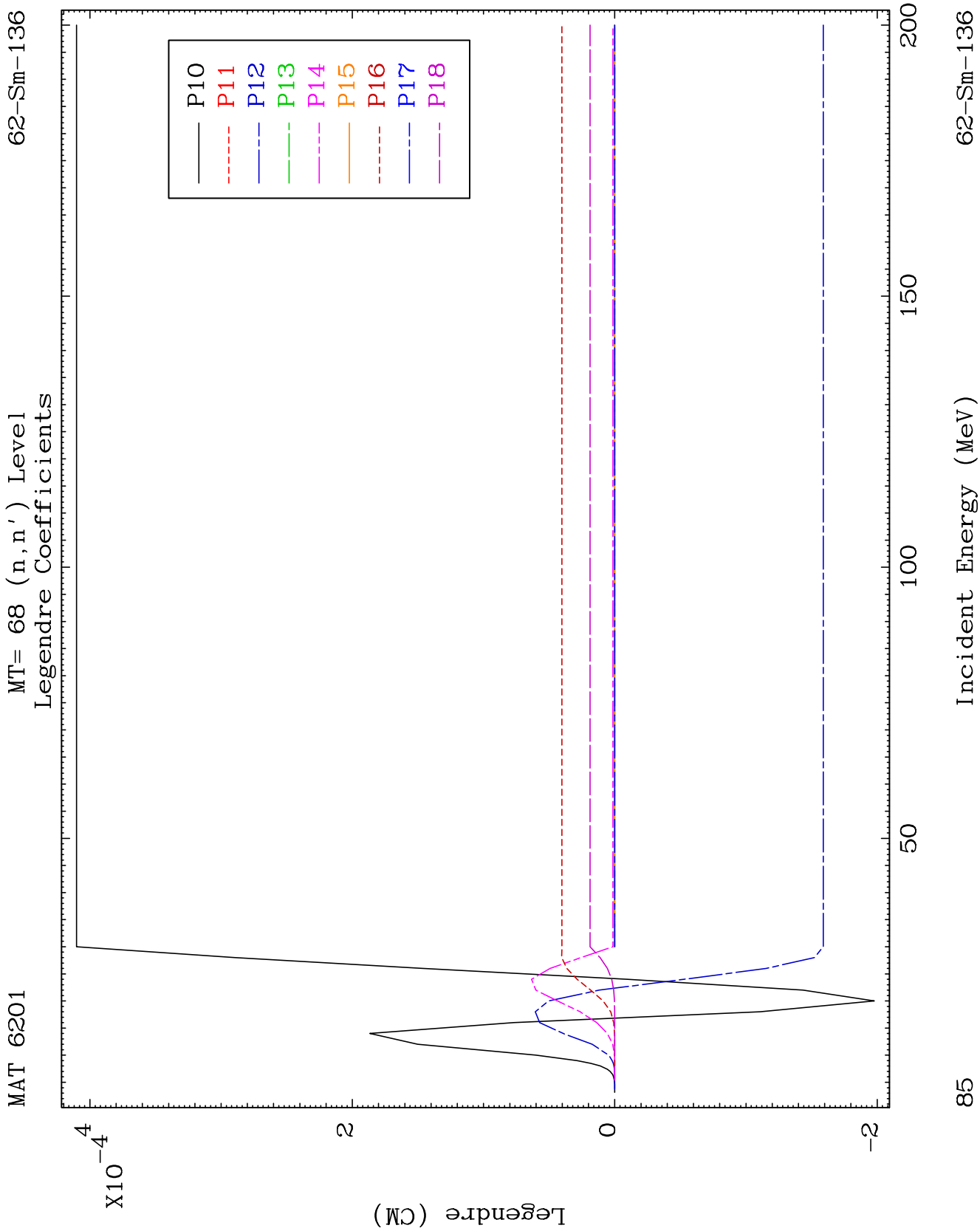


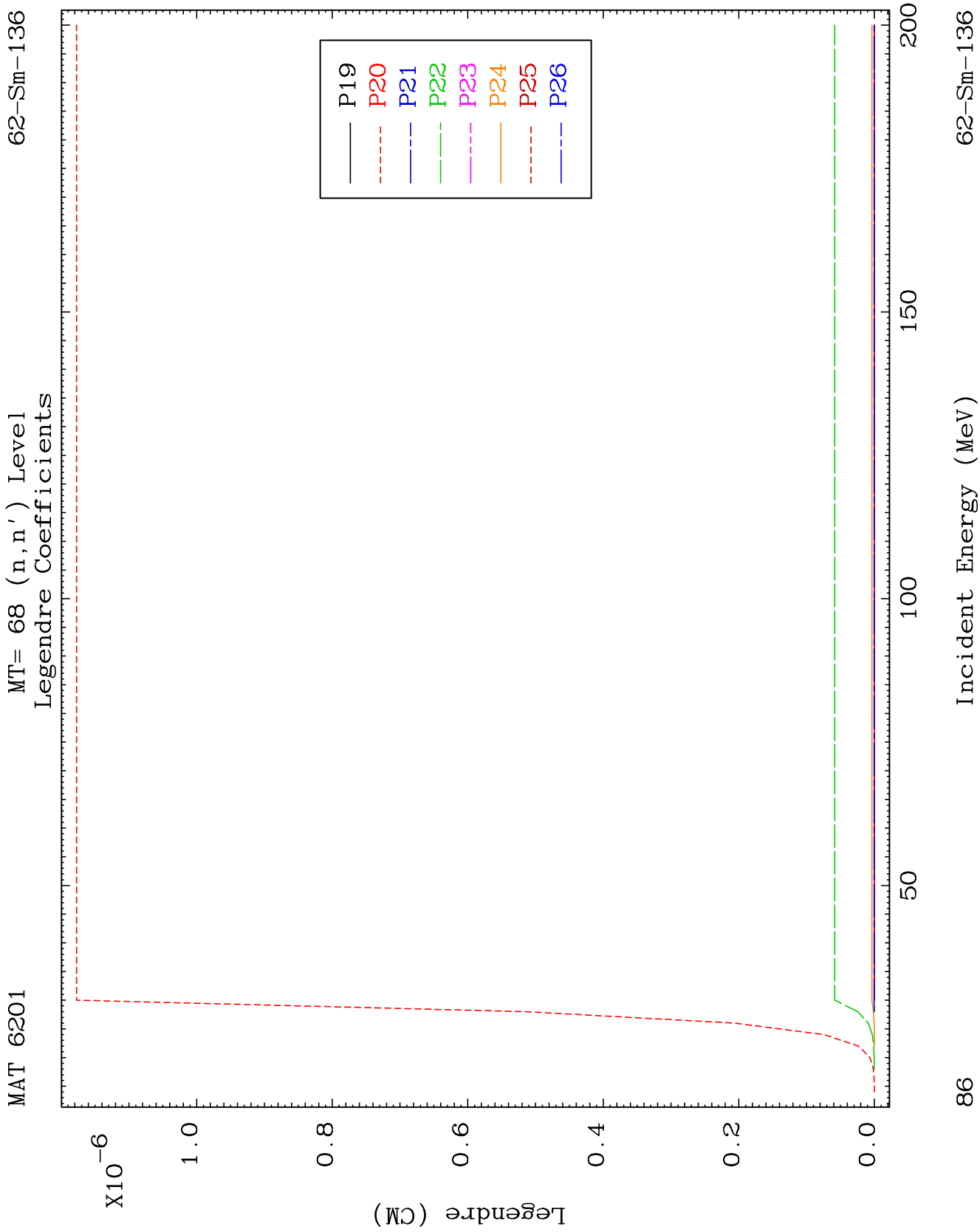








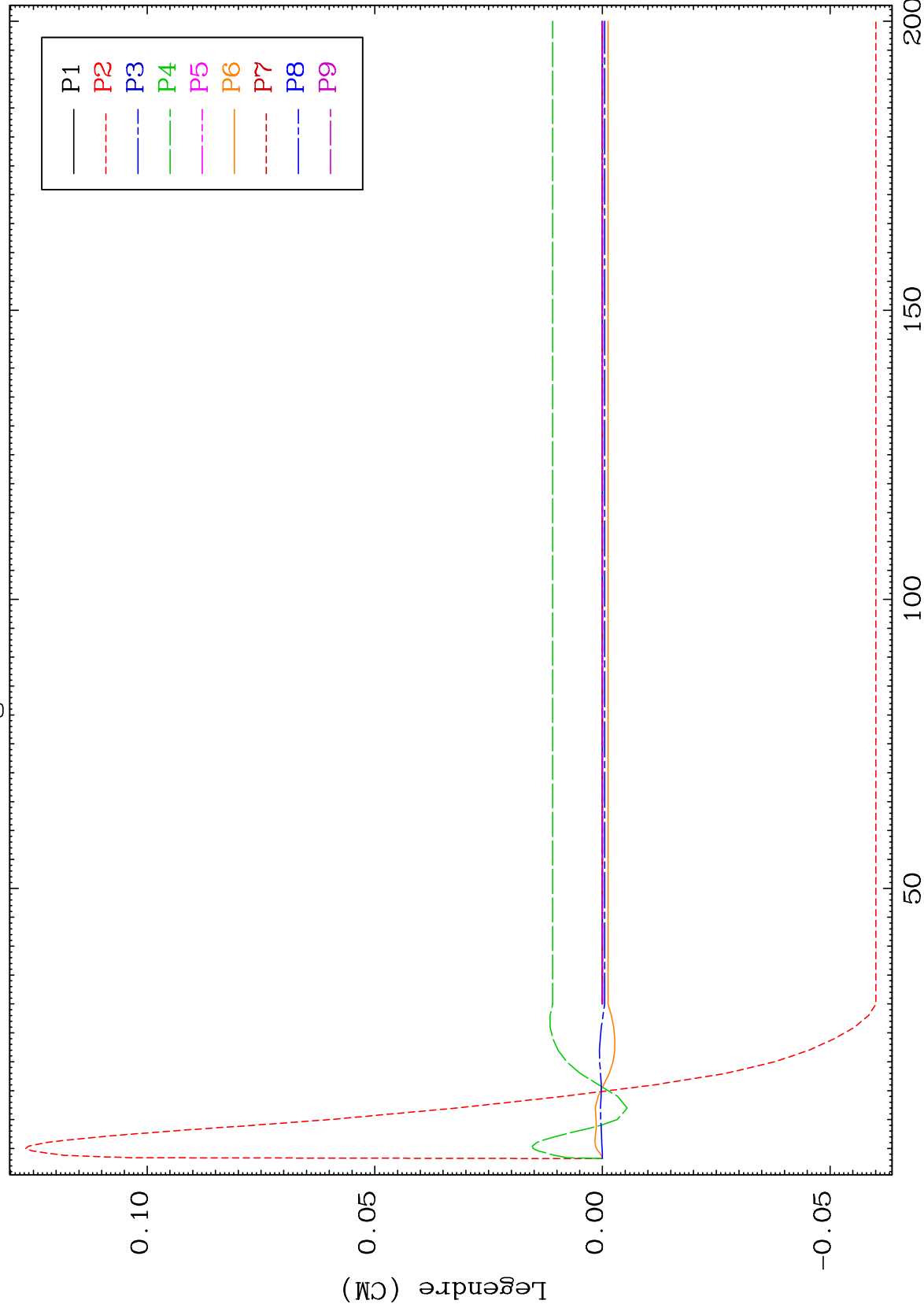




MAT 6201

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

62-Sm-136



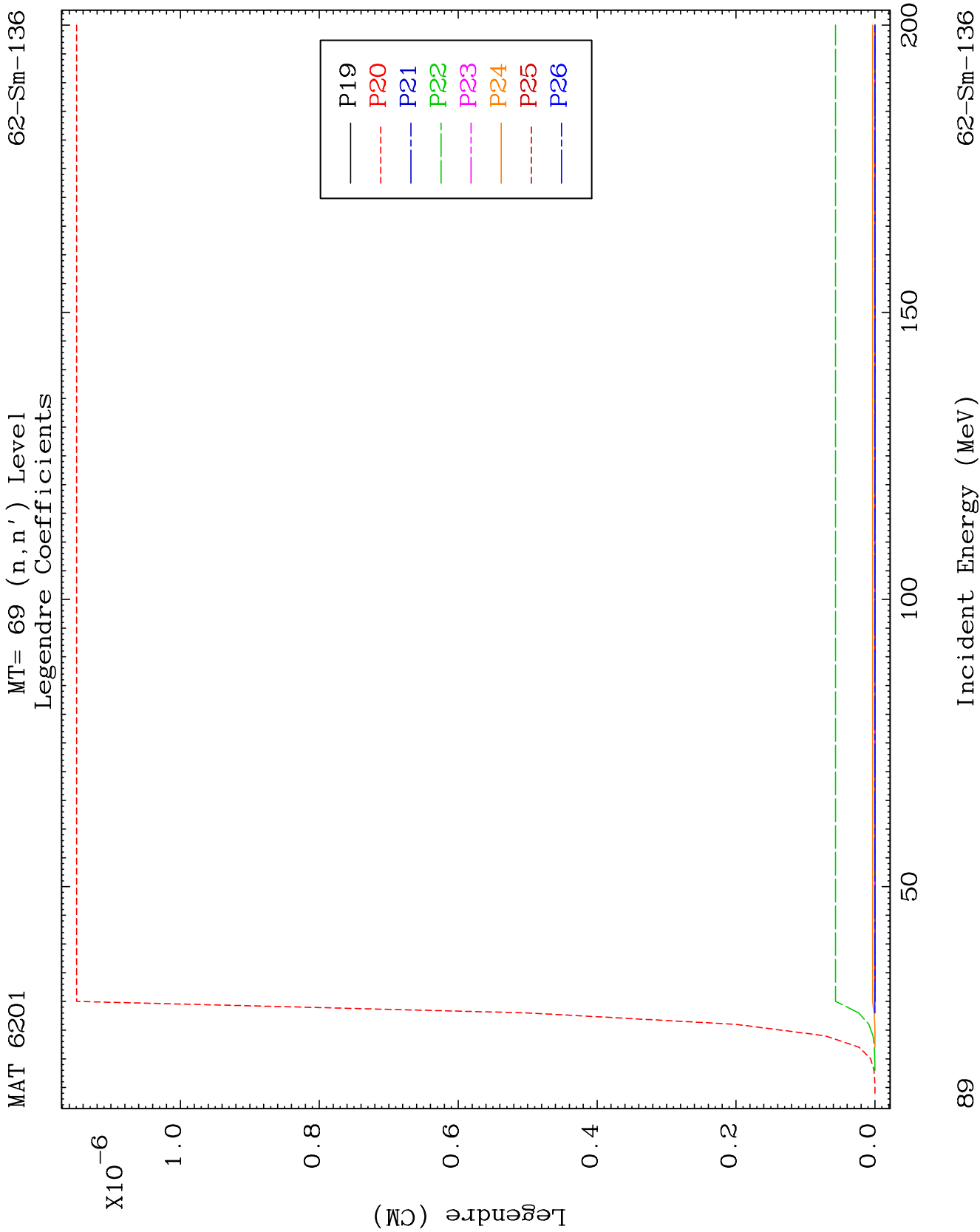
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Incident Energy (MeV)

62-Sm-136



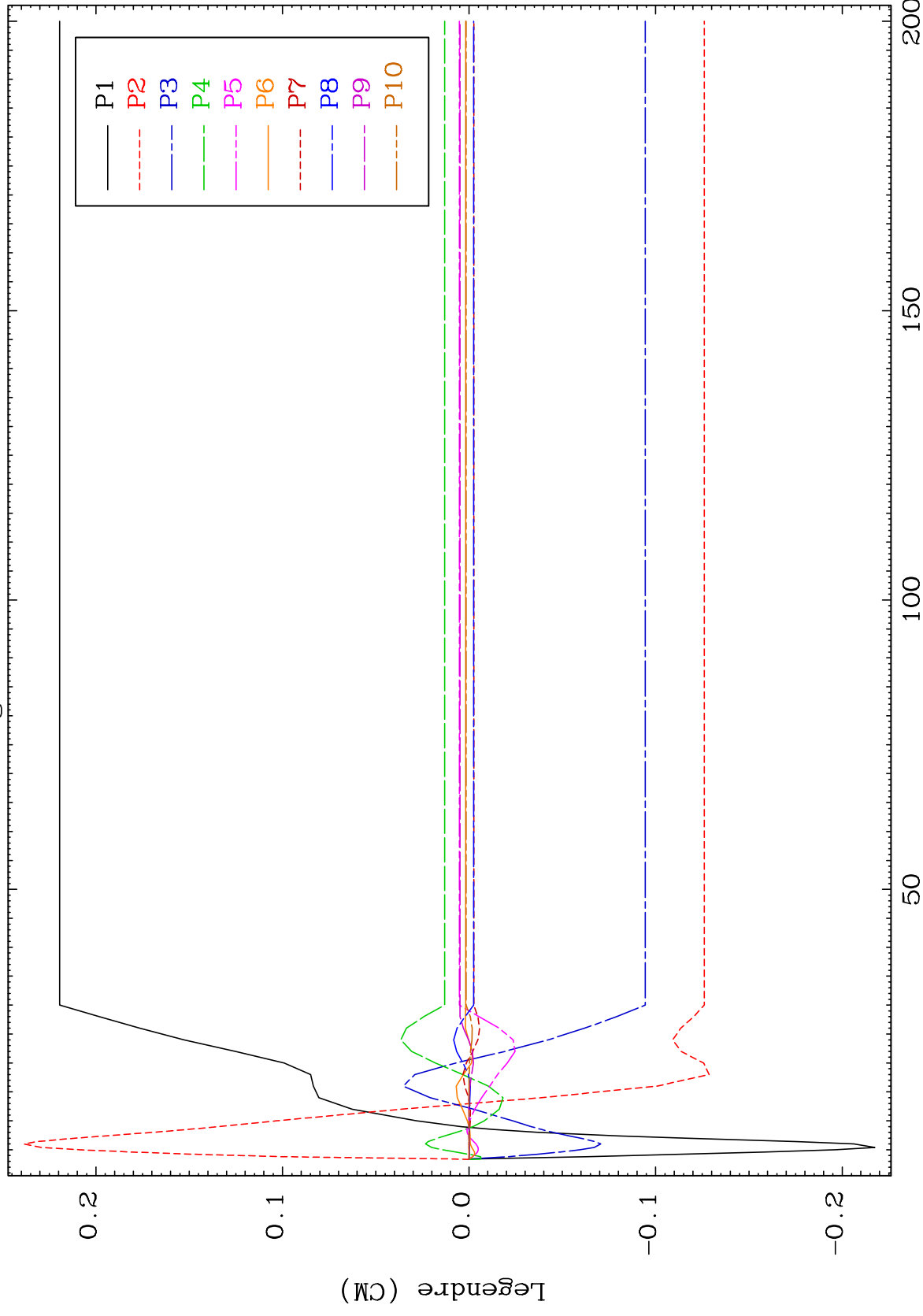




MAT 6201

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

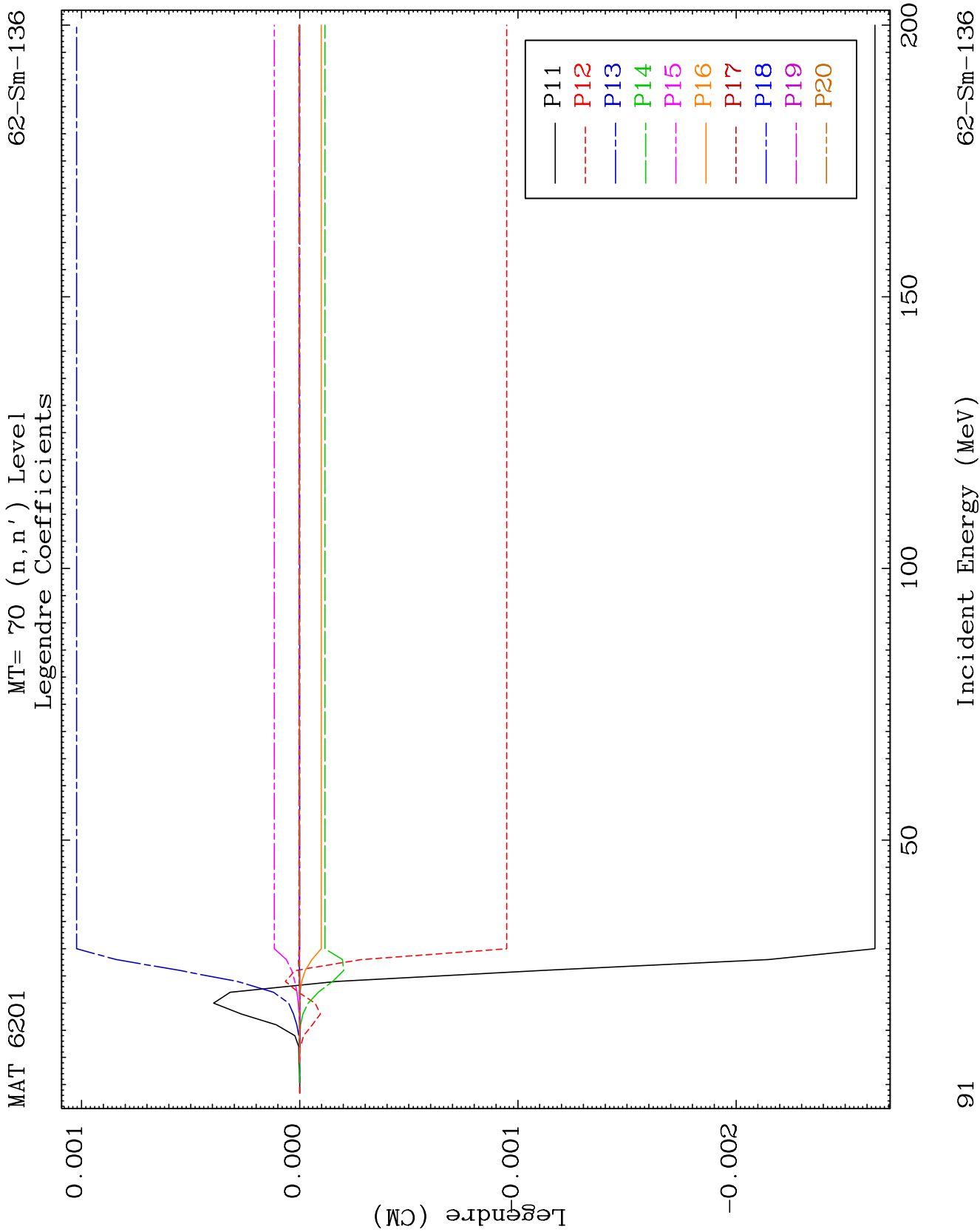
62-Sm-136

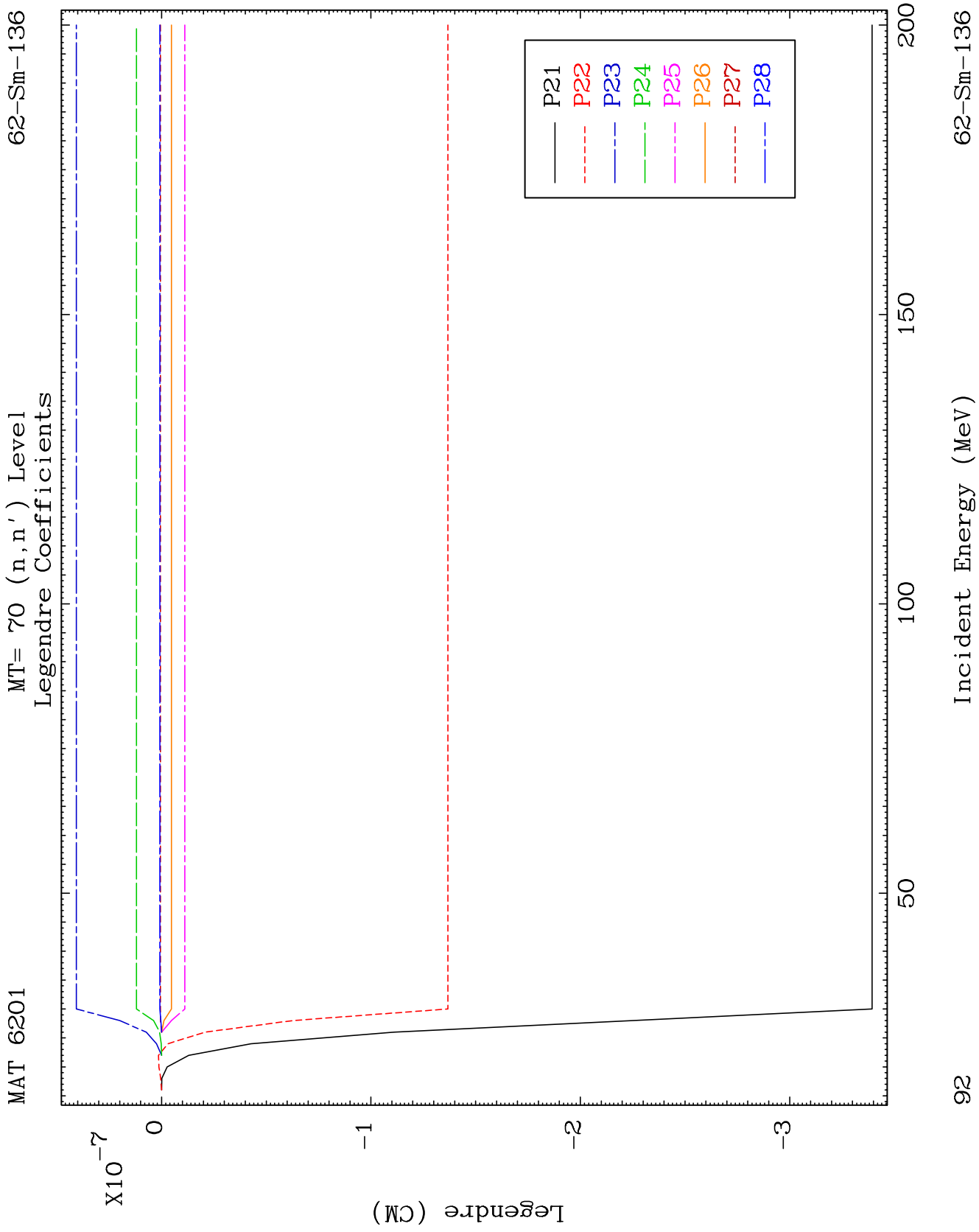


90

Incident Energy (MeV)

62-Sm-136

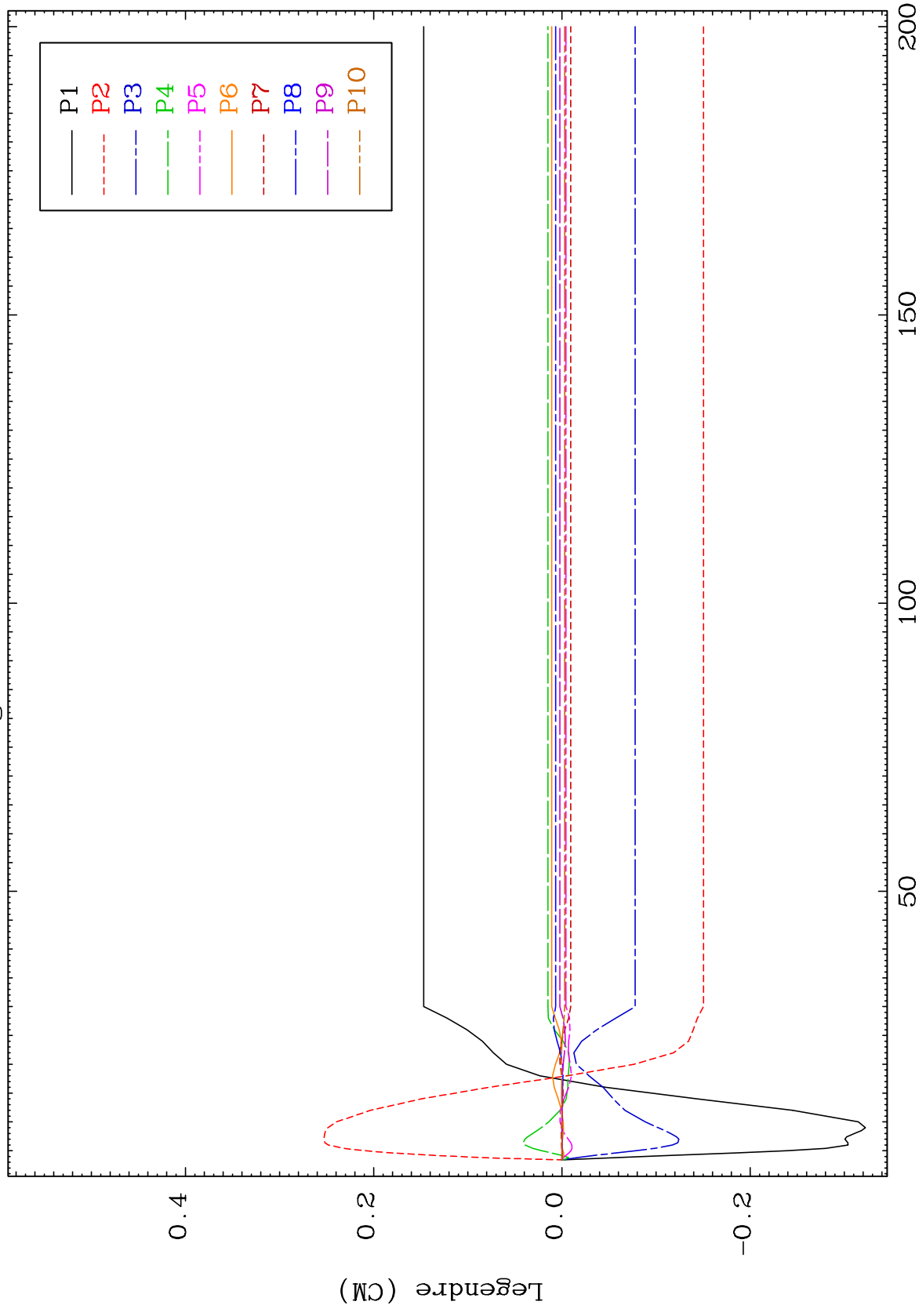




MAT 6201

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

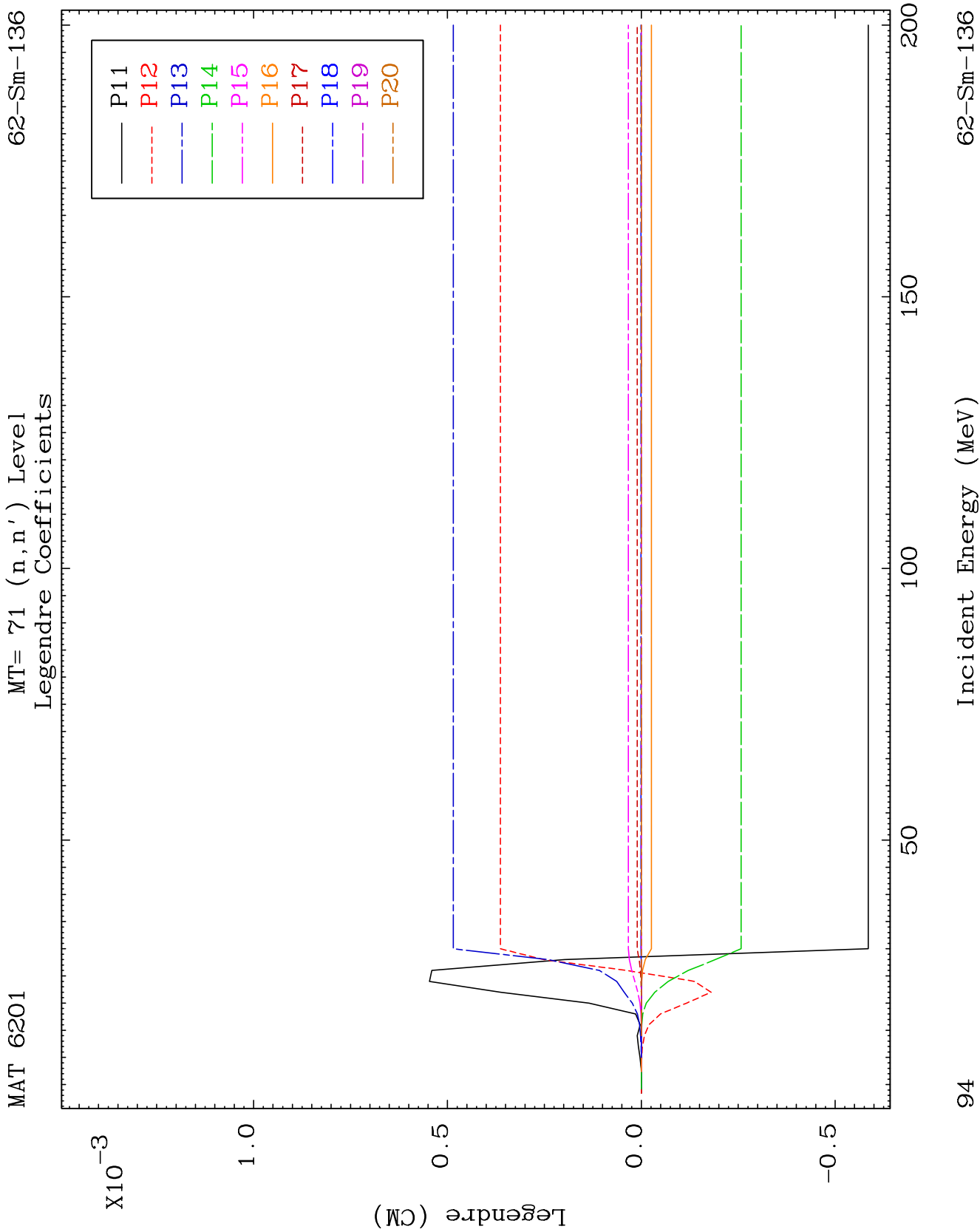
62-Sm-136



39

Incident Energy (MeV)

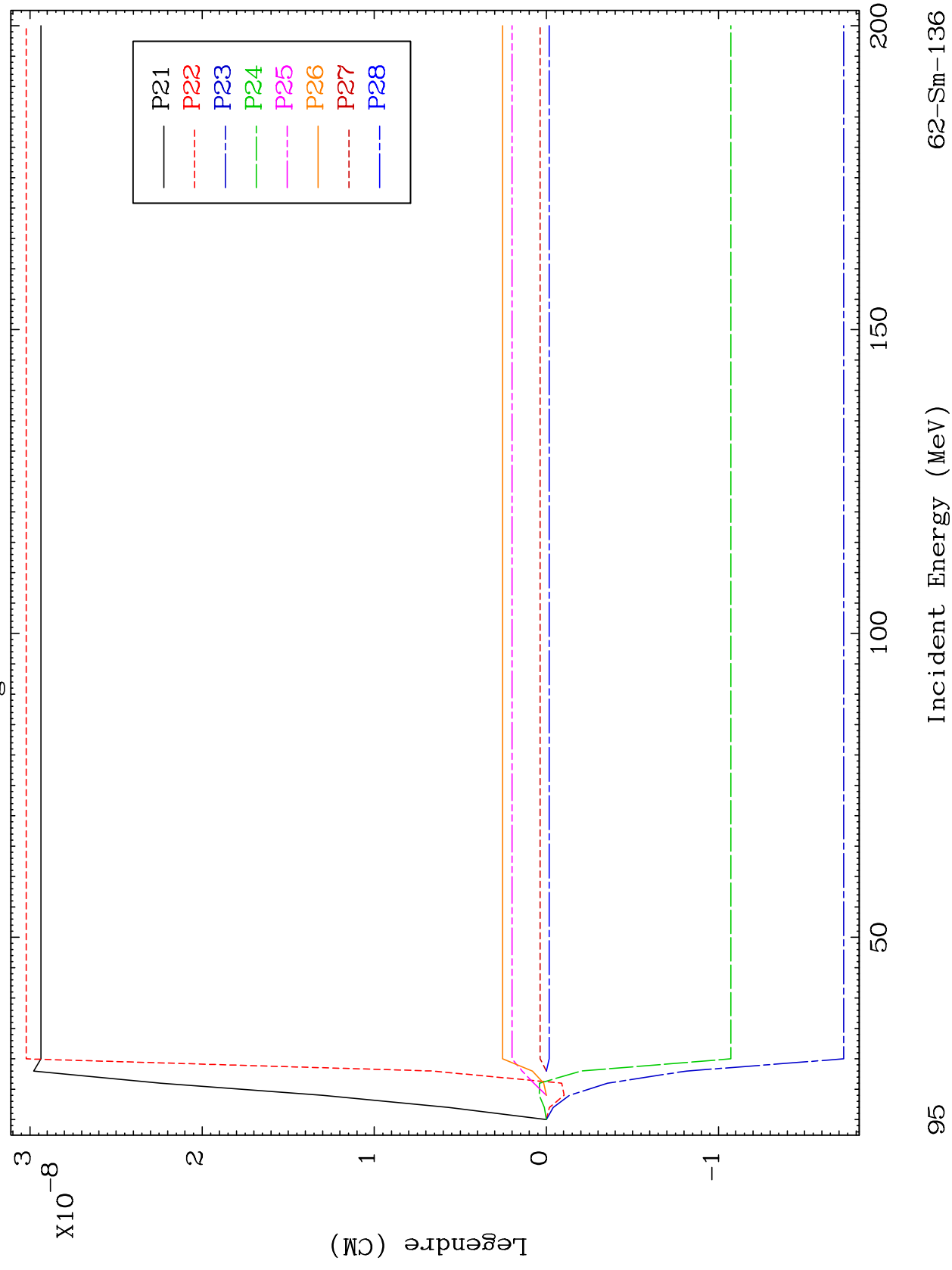
62-Sm-136



MAT 6201

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

62-Sm-136

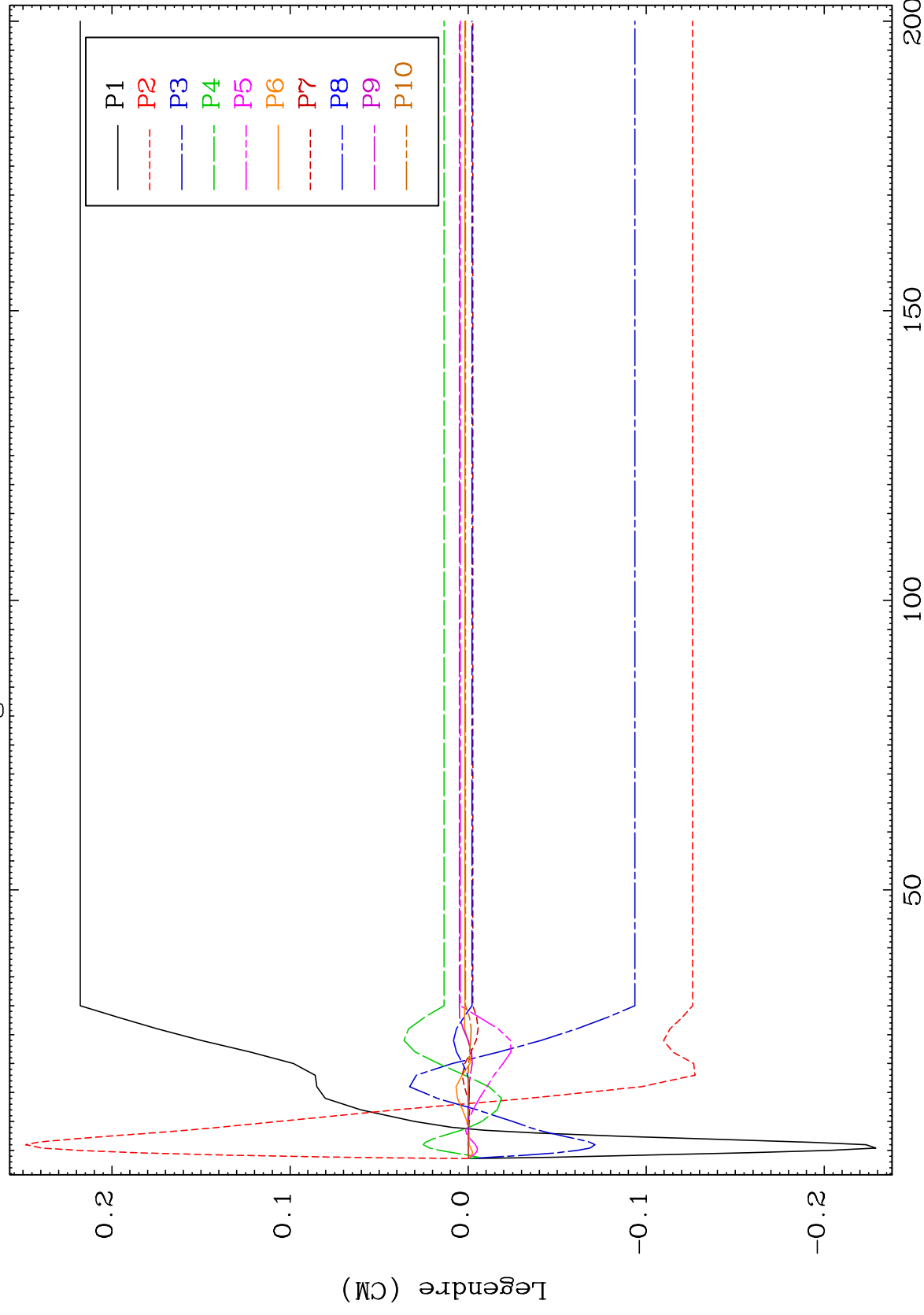




MAT 6201

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

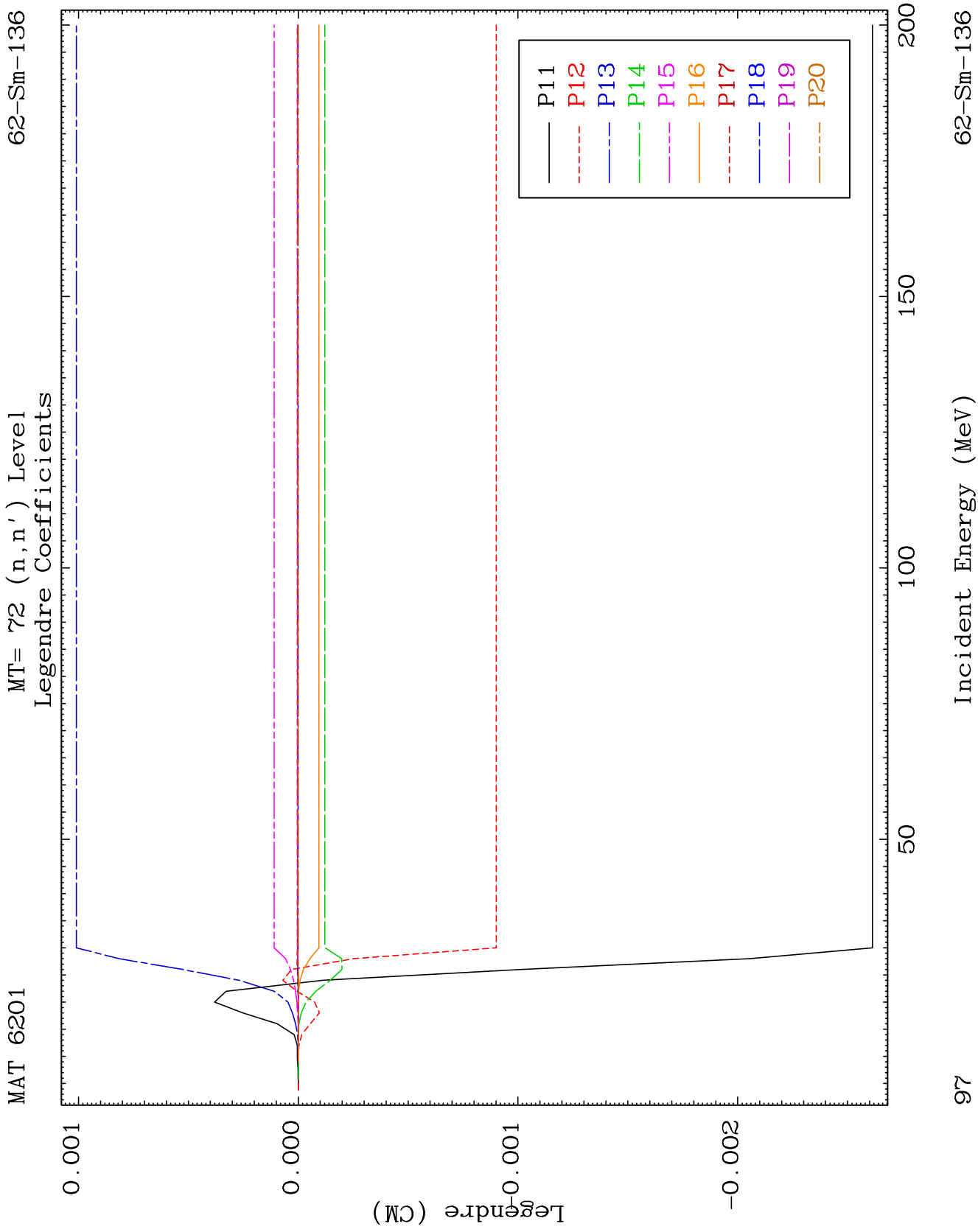
62-Sm-136

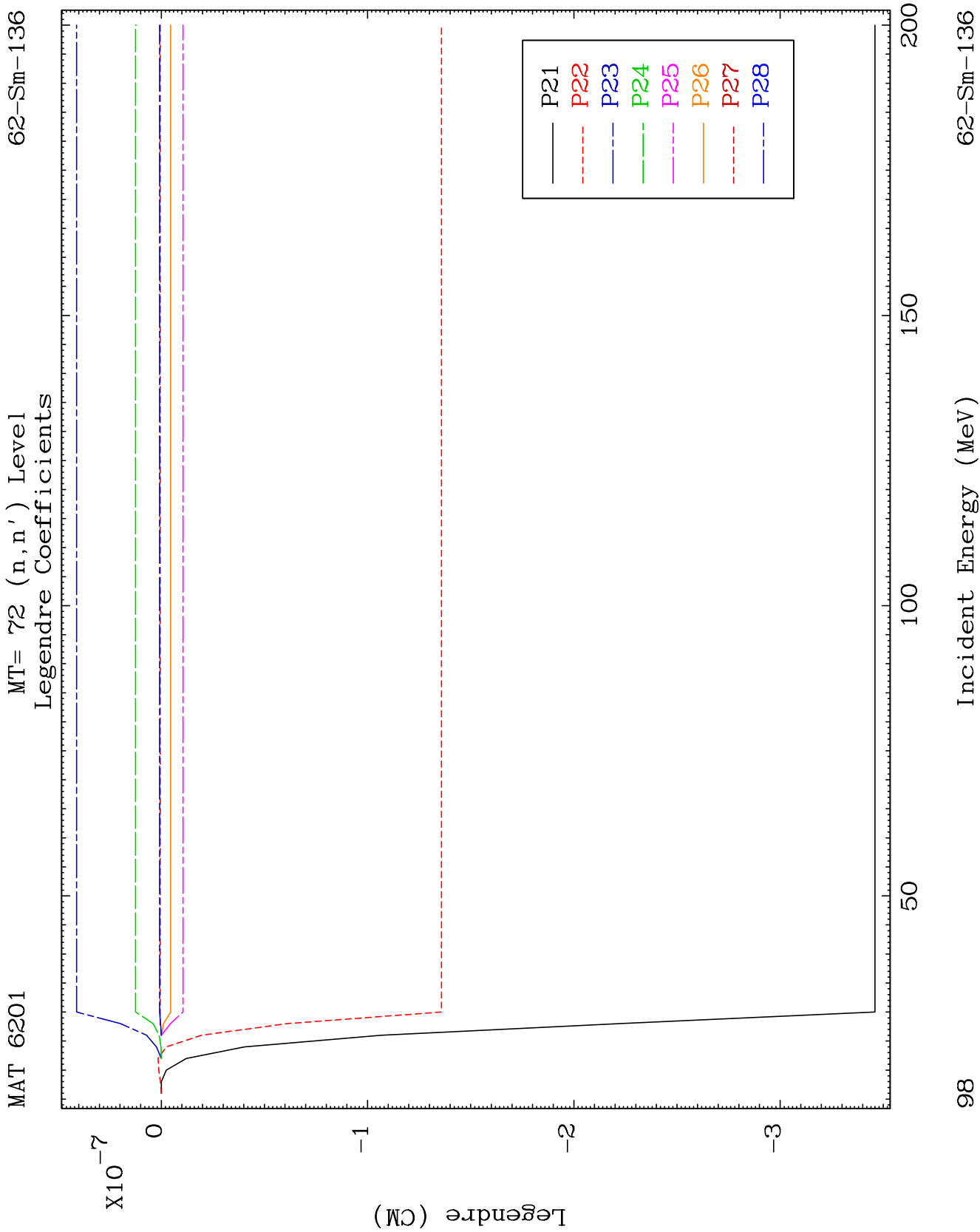


99

Incident Energy (MeV)

62-Sm-136

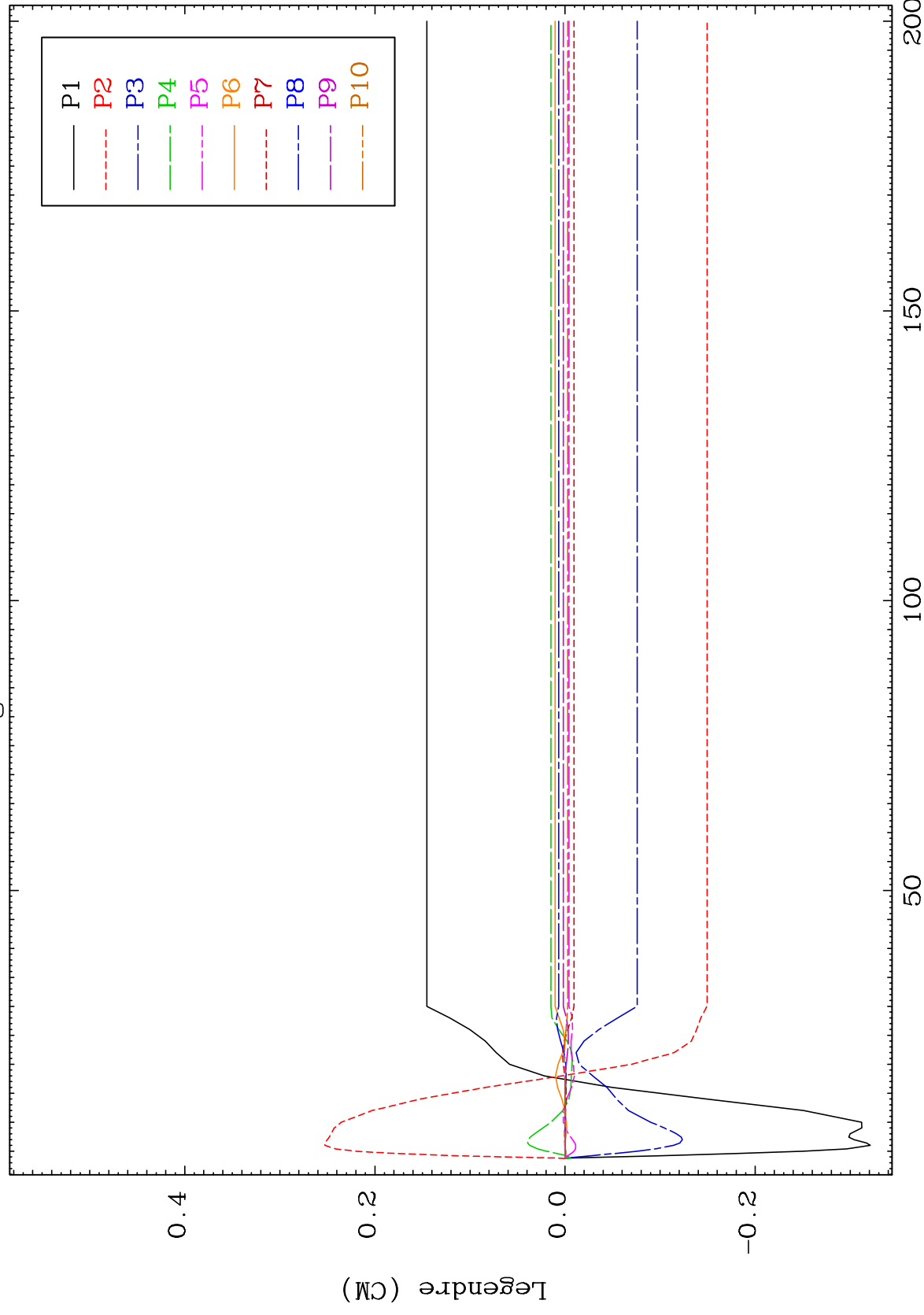




MAT 6201

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

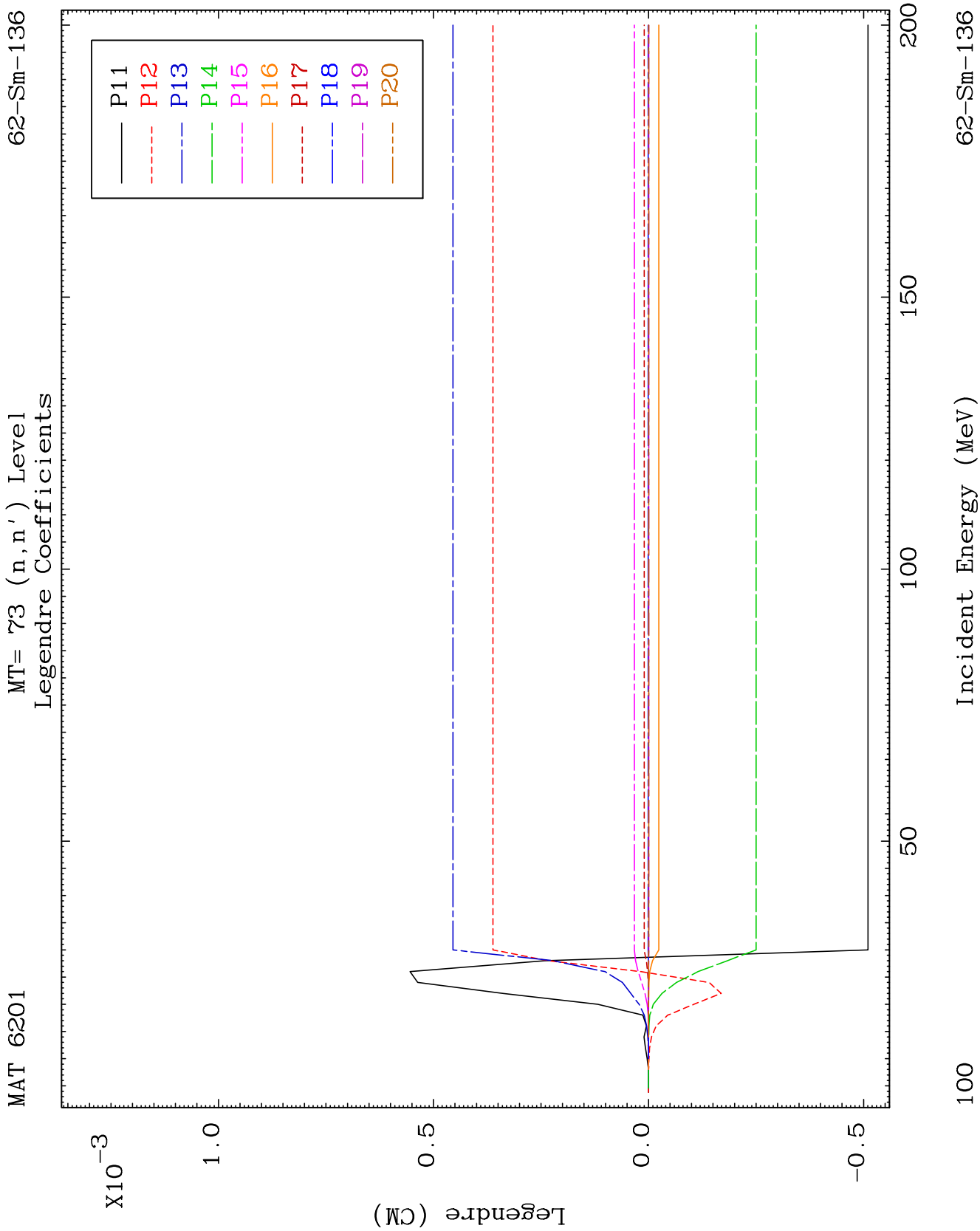
62-Sm-136



99

Incident Energy (MeV)

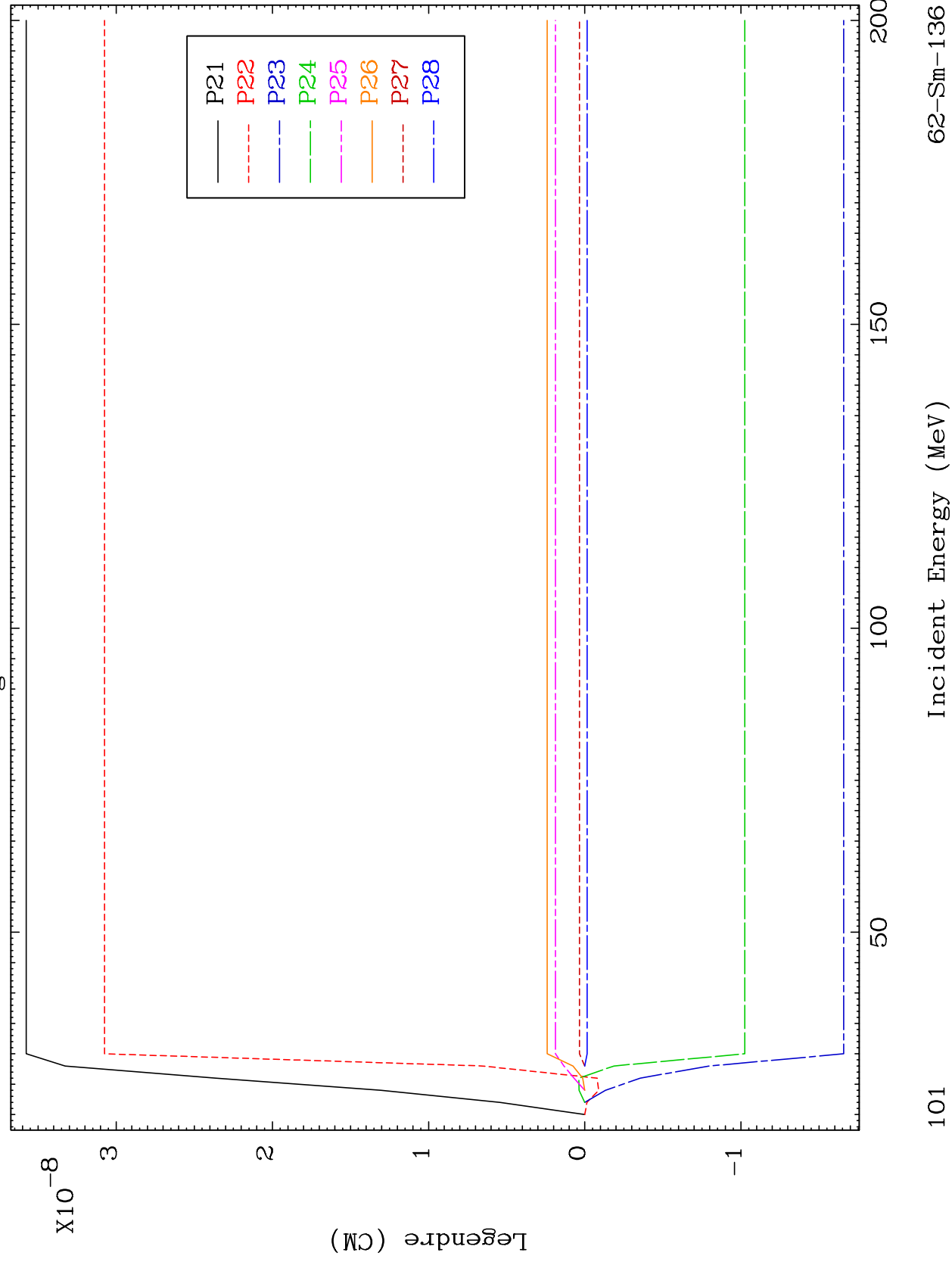
62-Sm-136

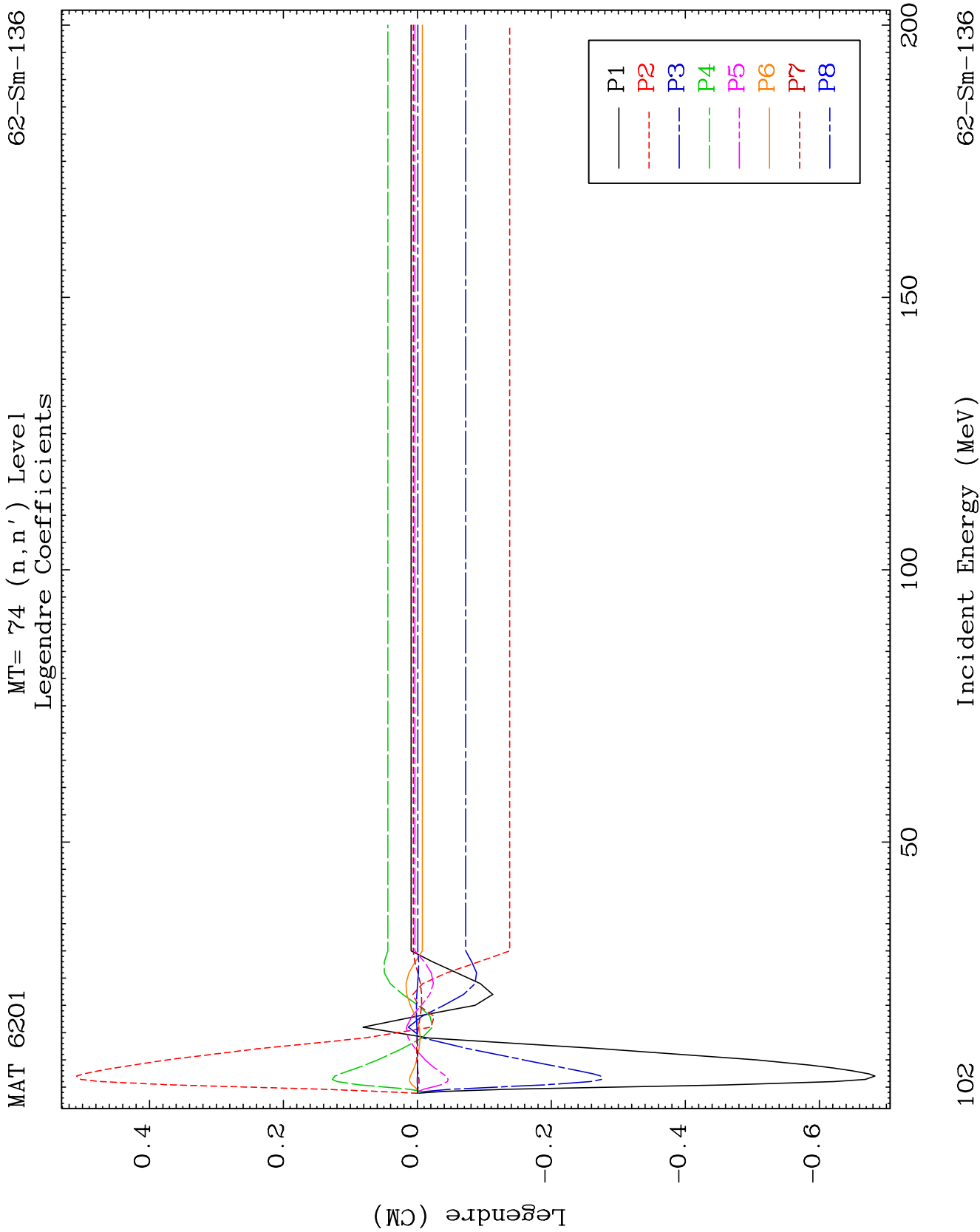


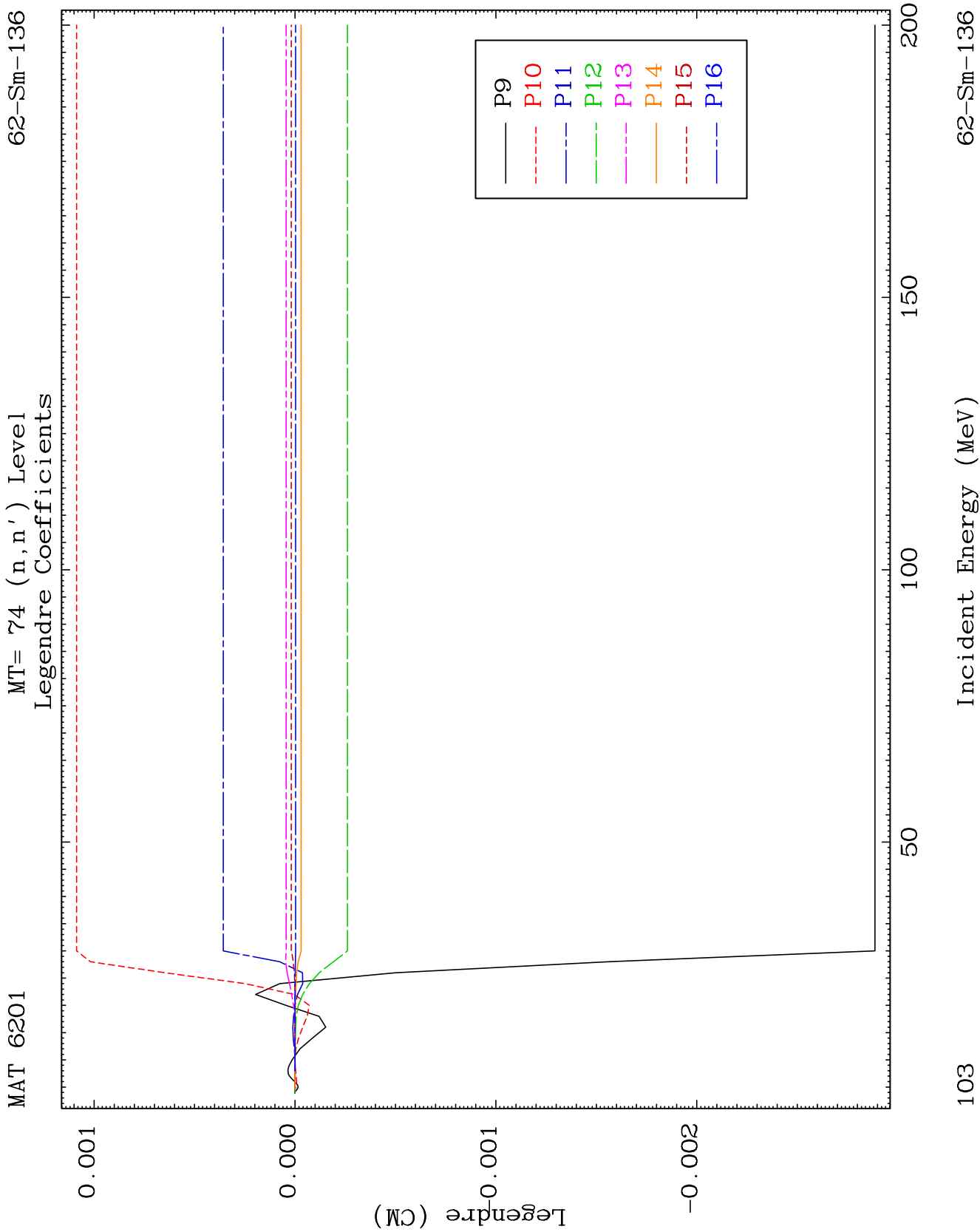
MAT 6201

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

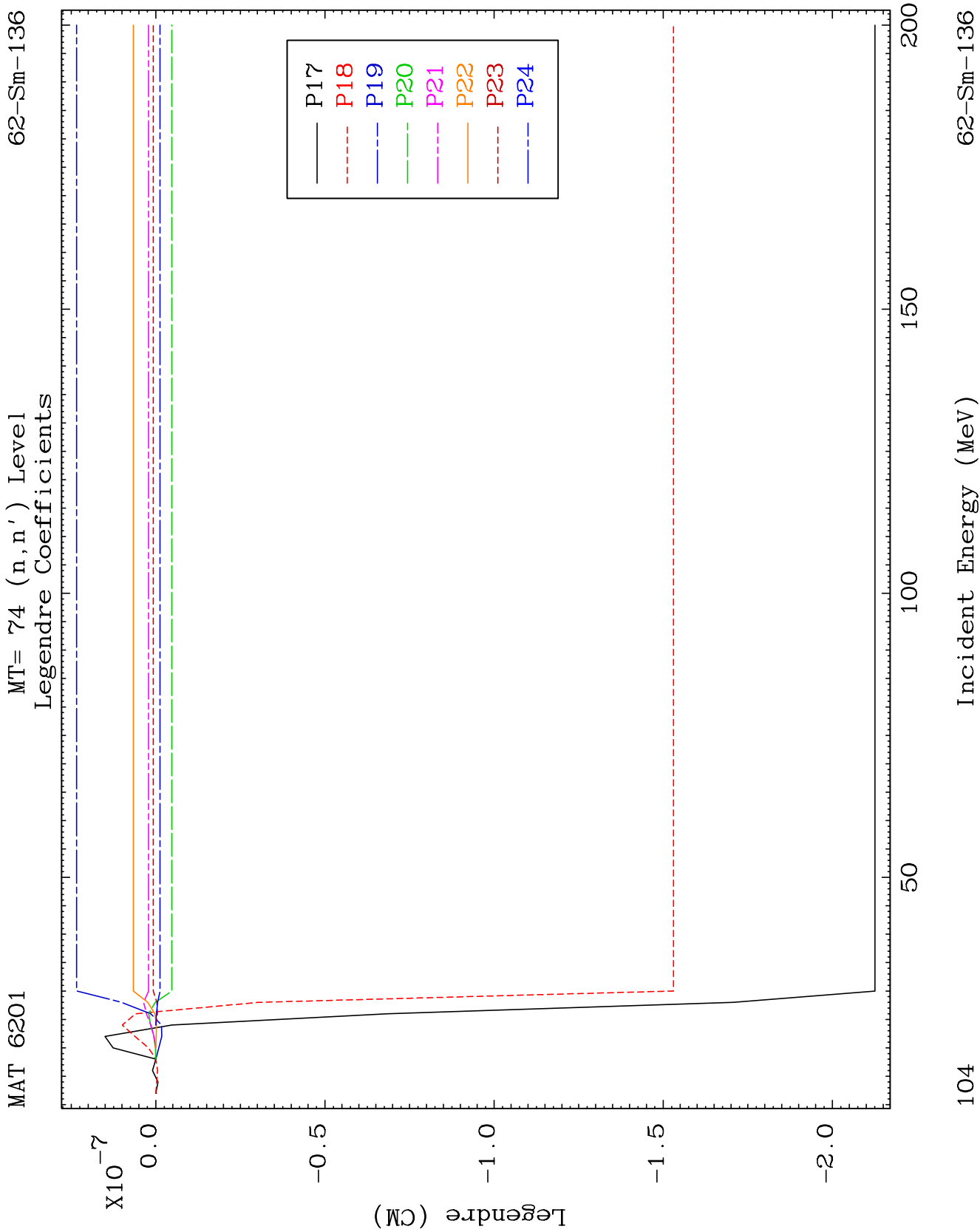
62-Sm-136

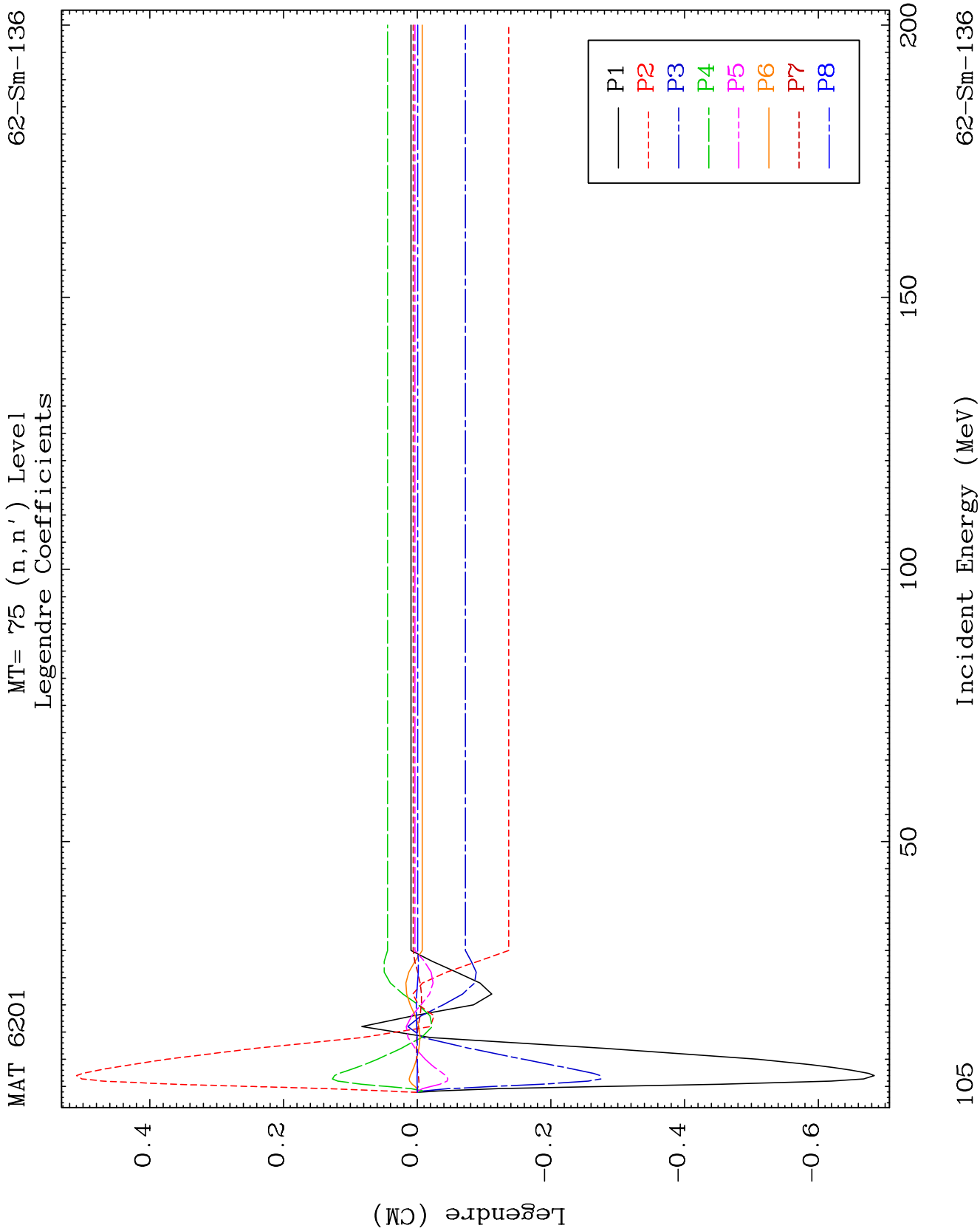


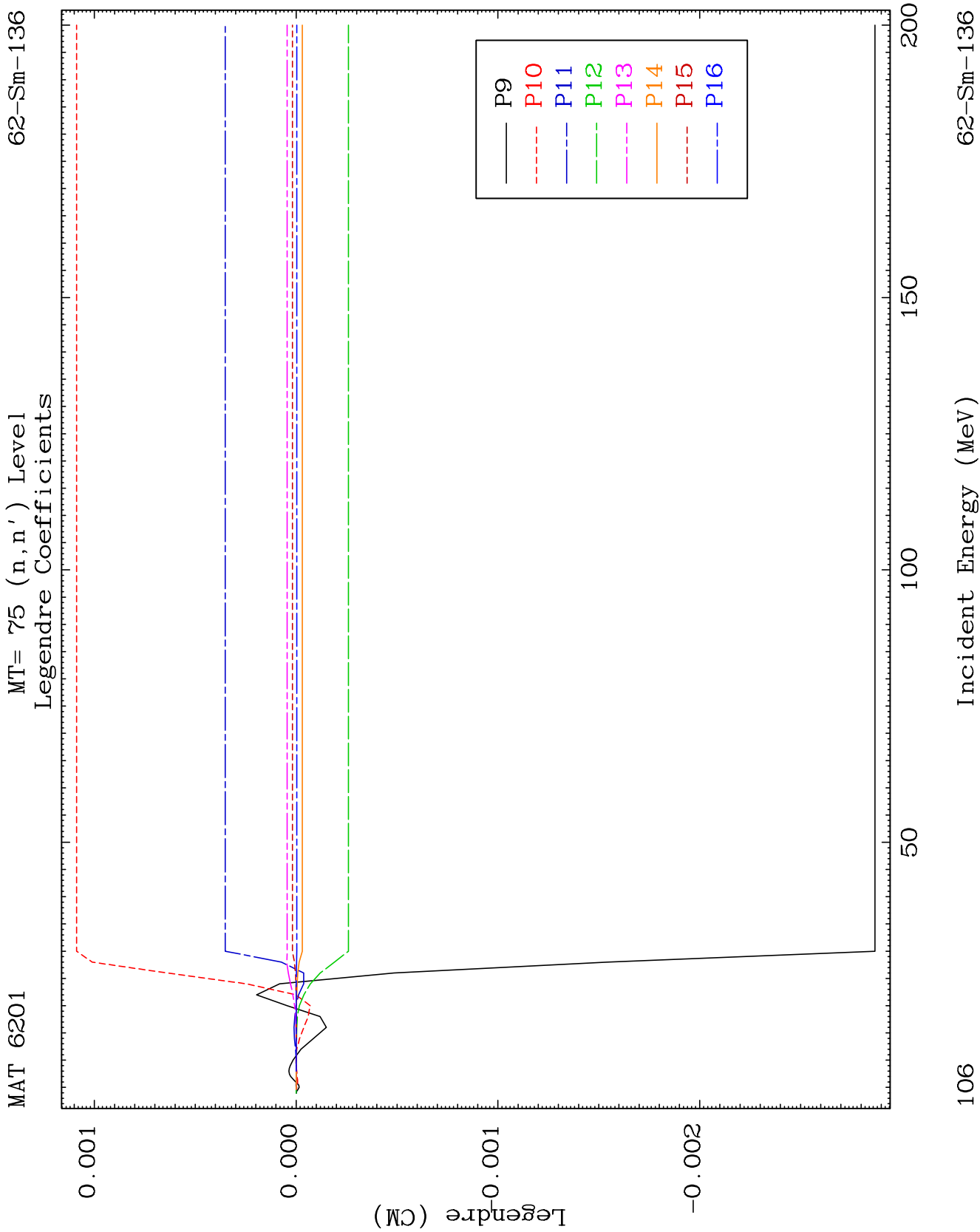


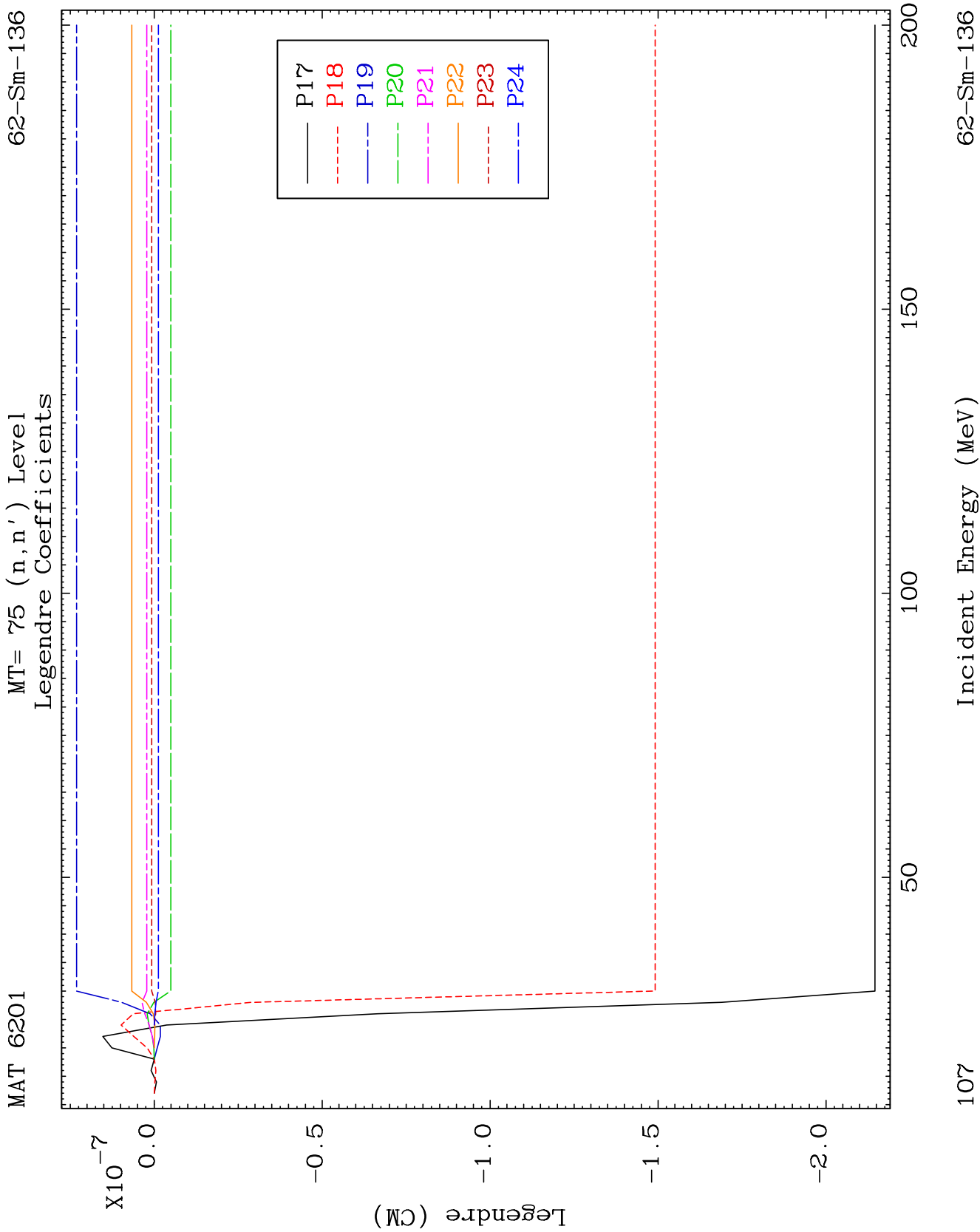


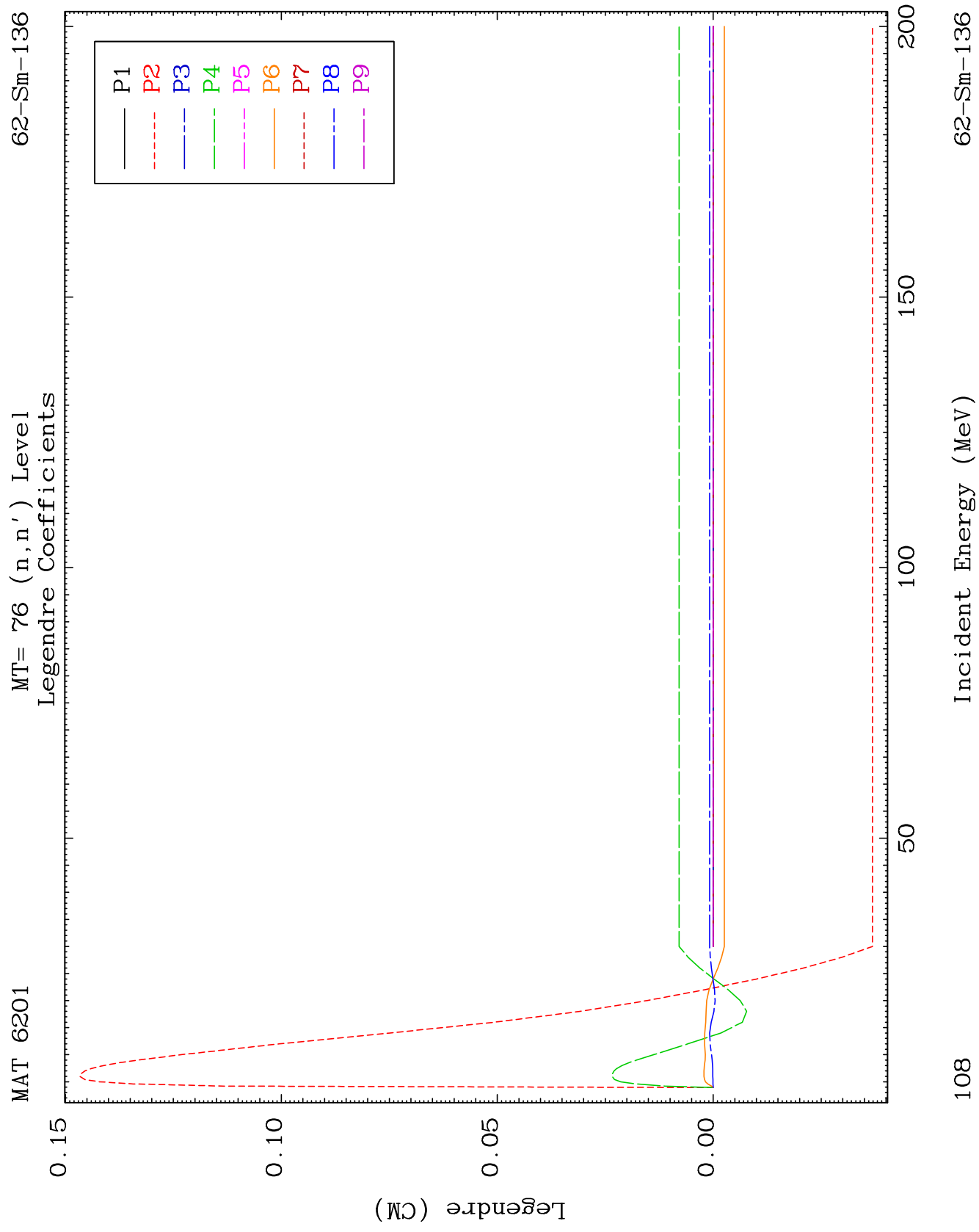


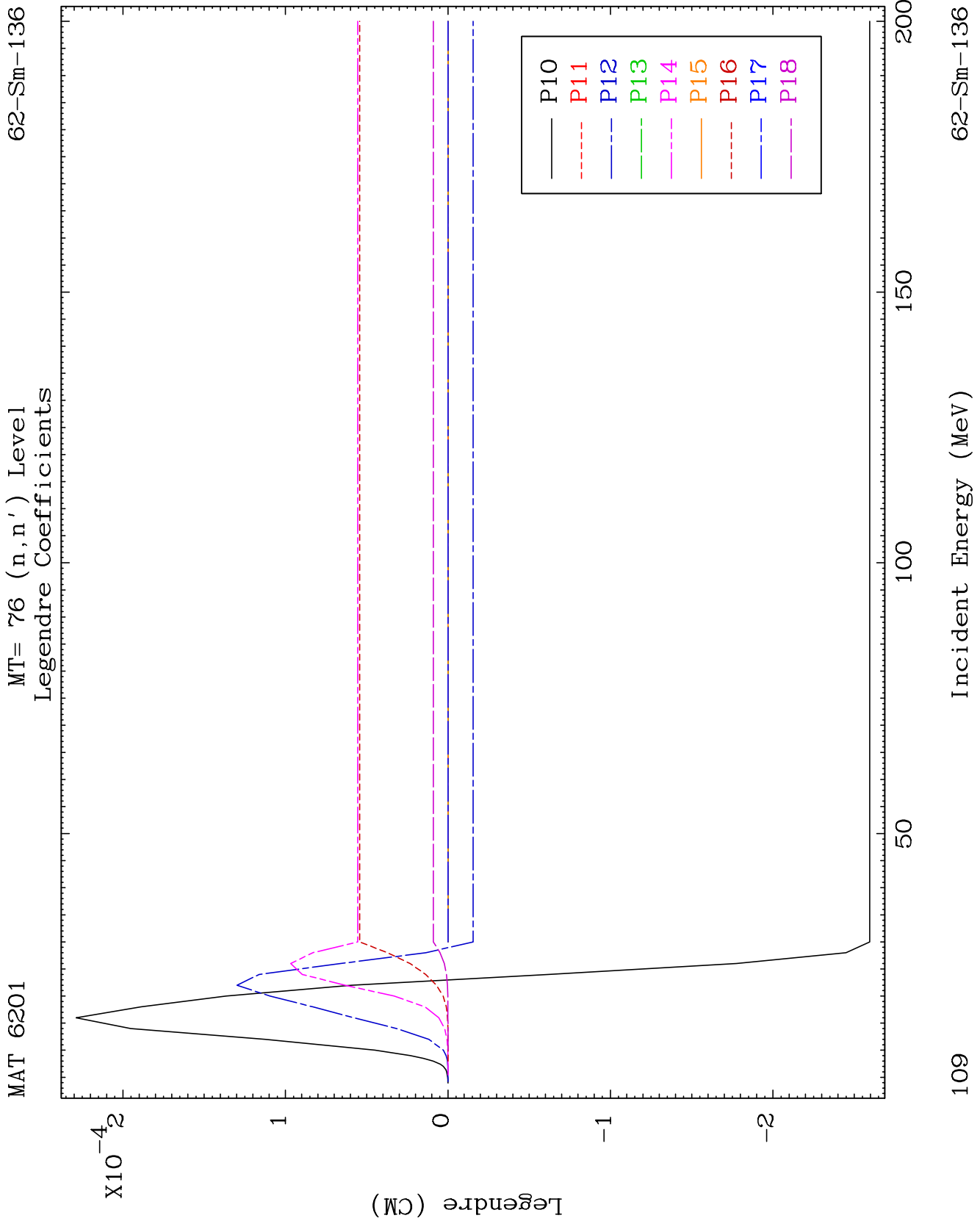


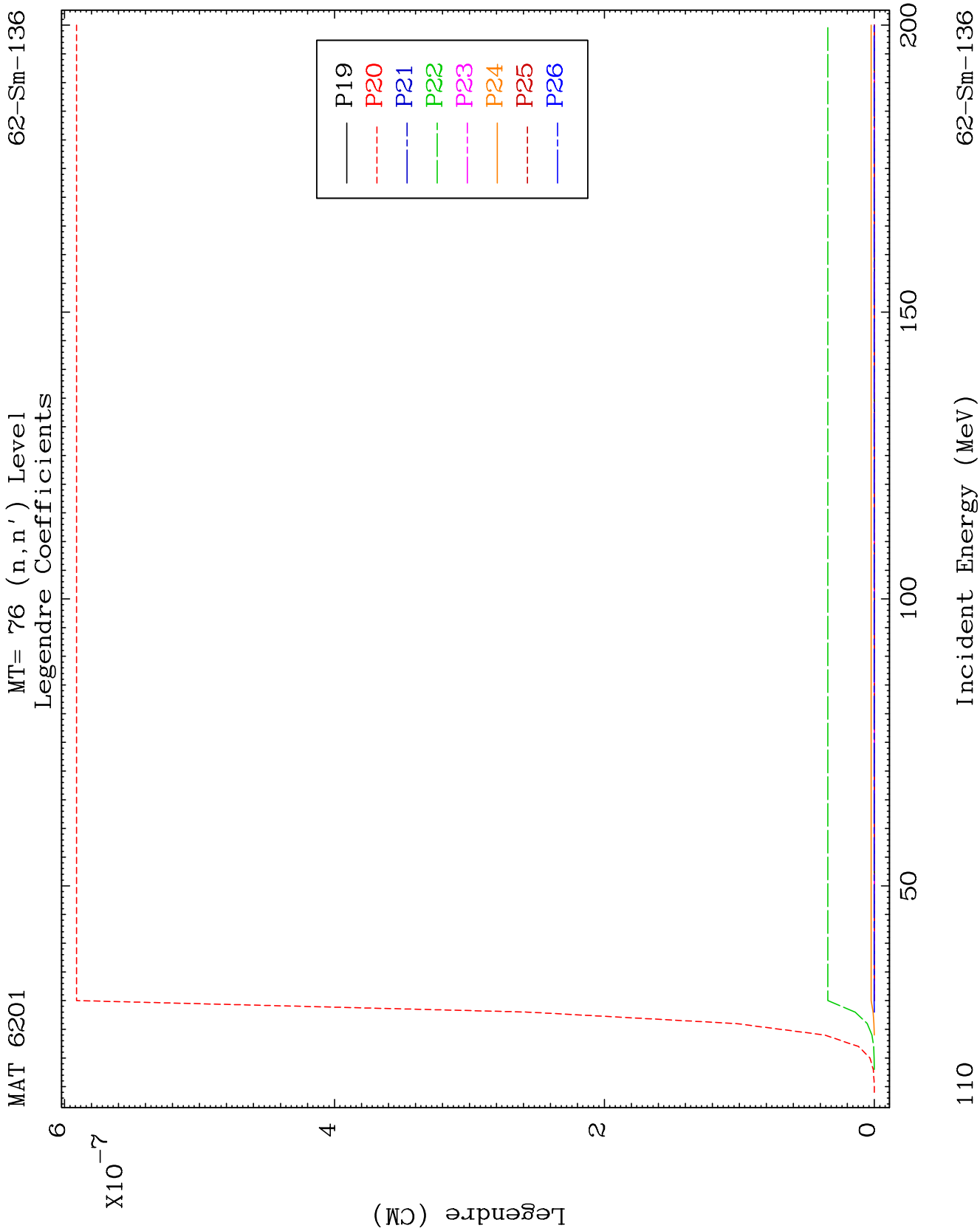








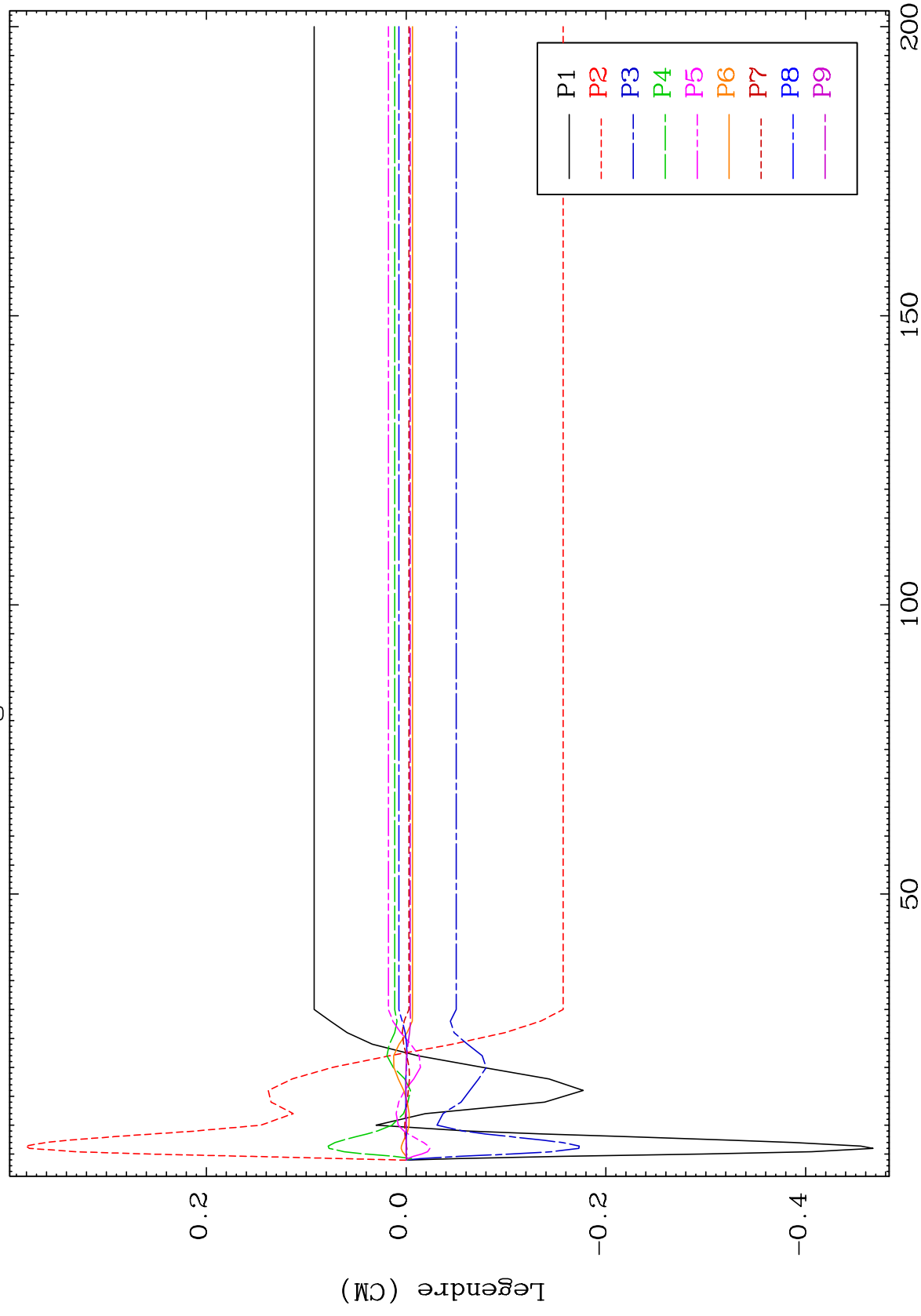




MAT 6201

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

62-Sm-136

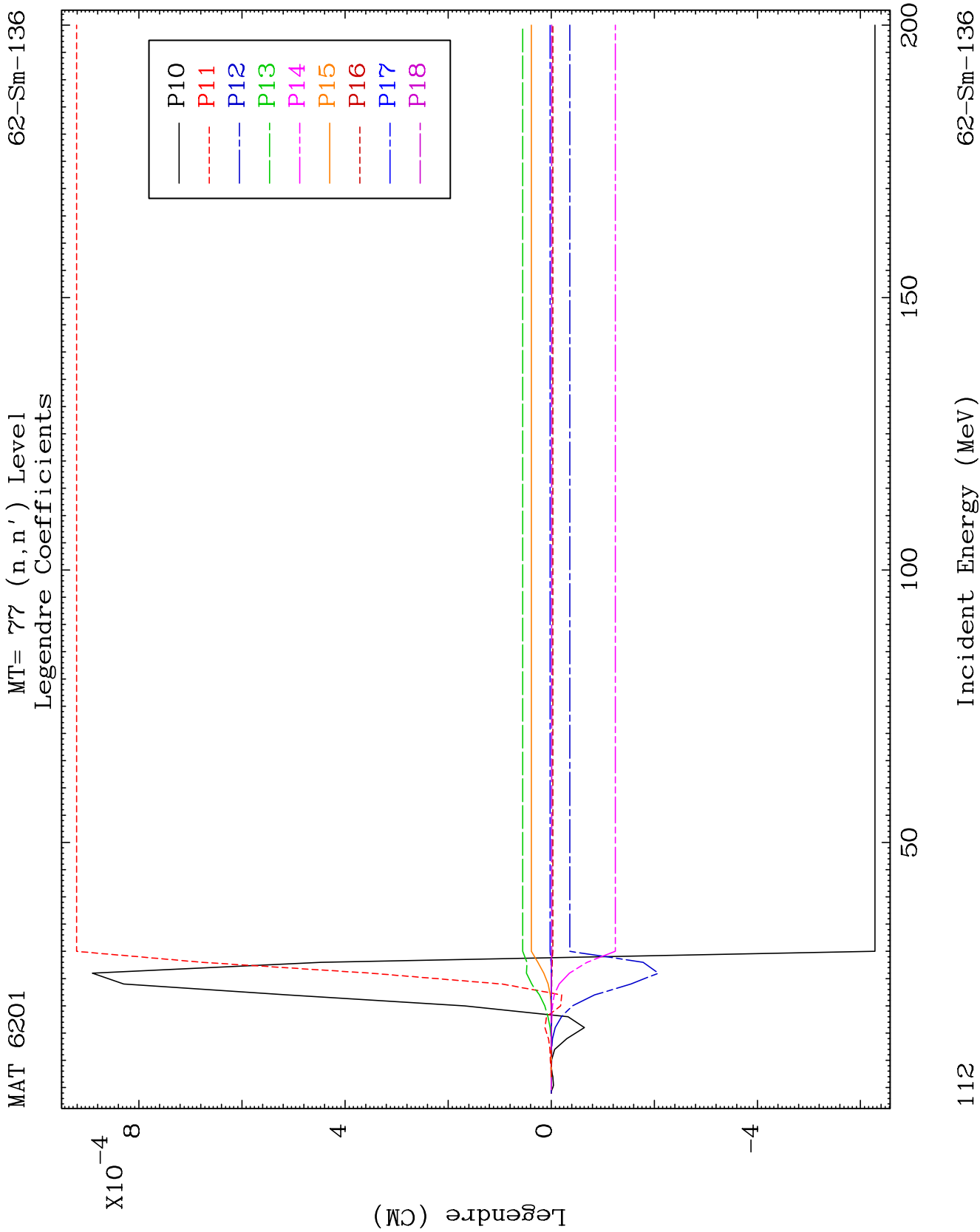


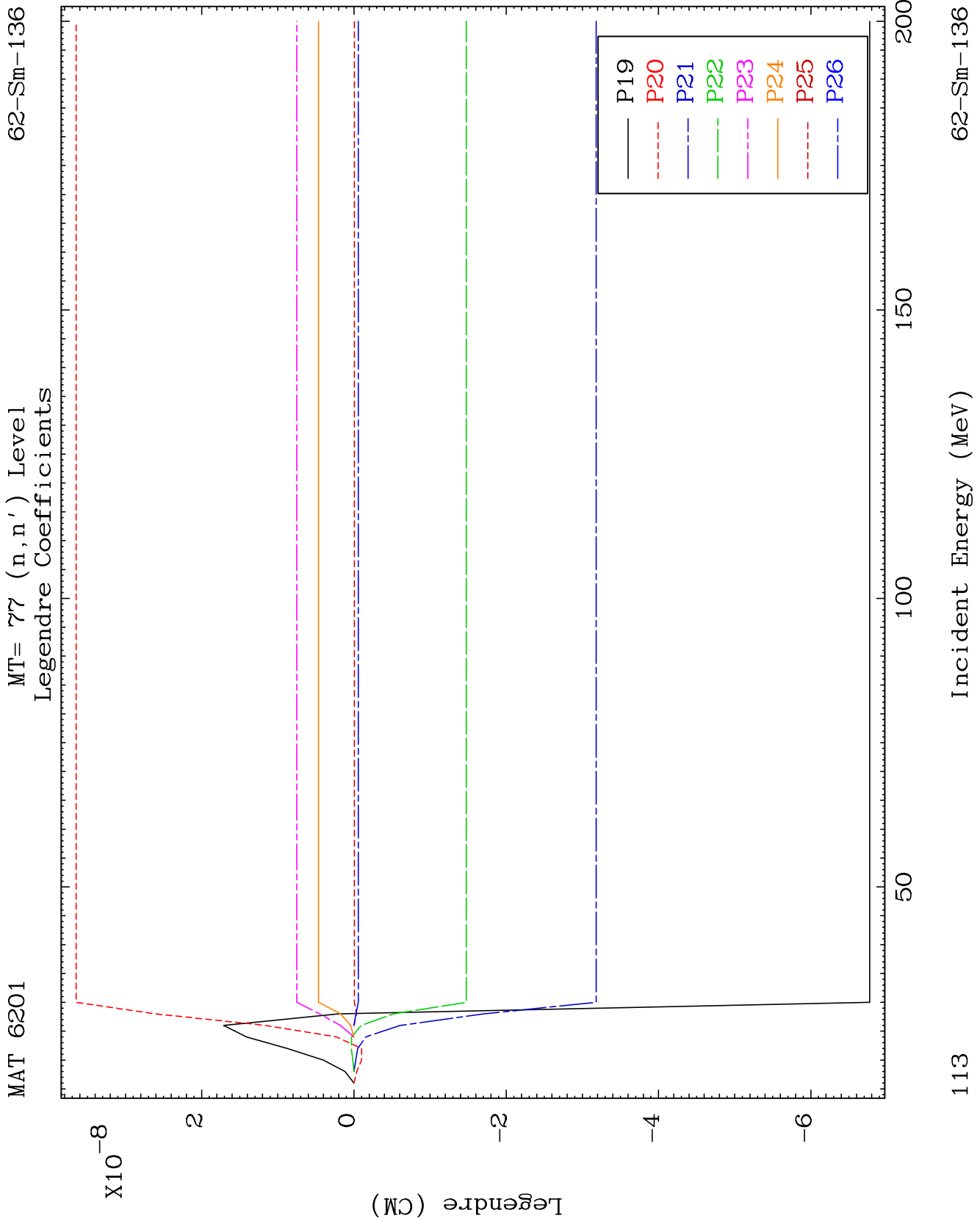
111

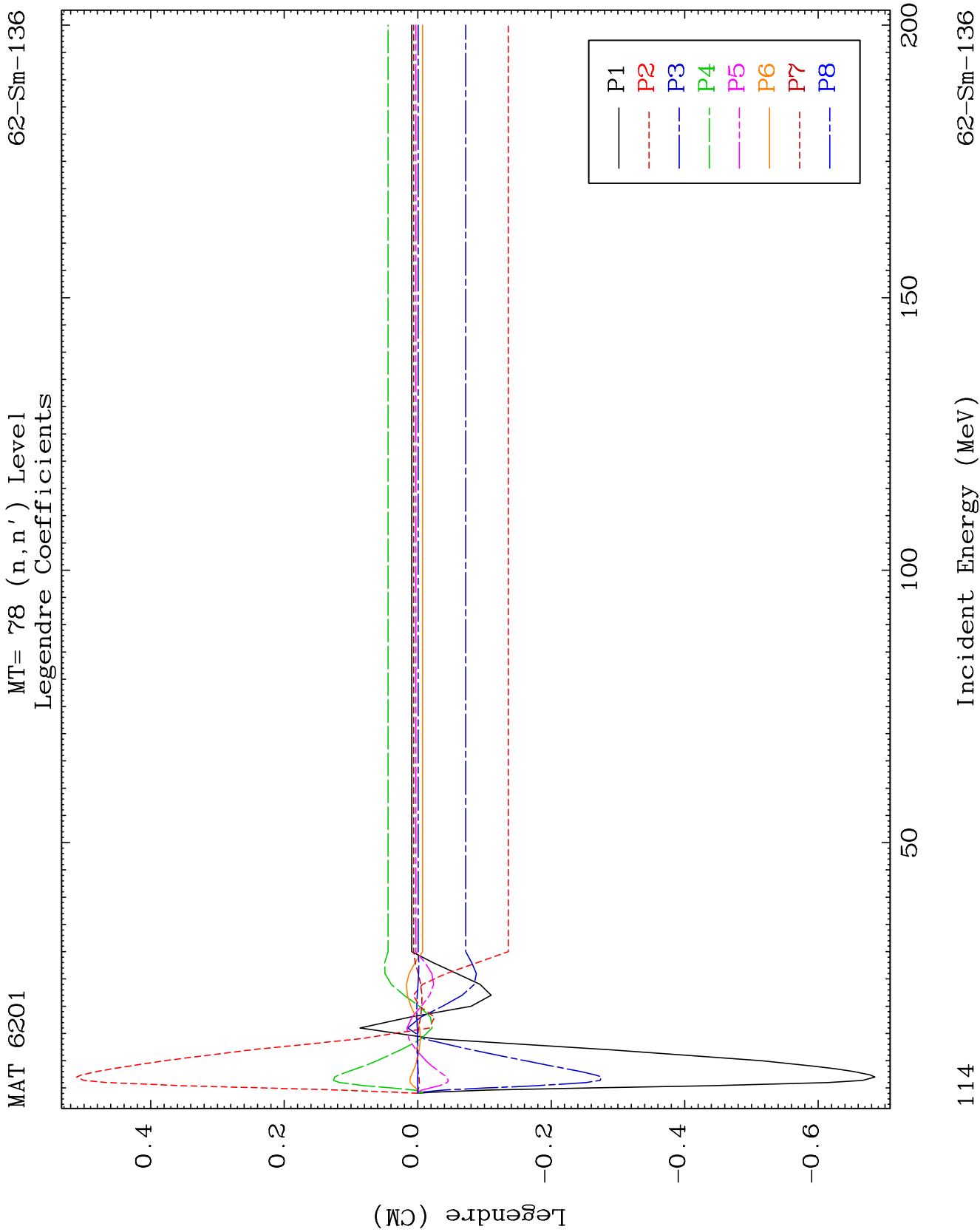
Incident Energy (MeV)

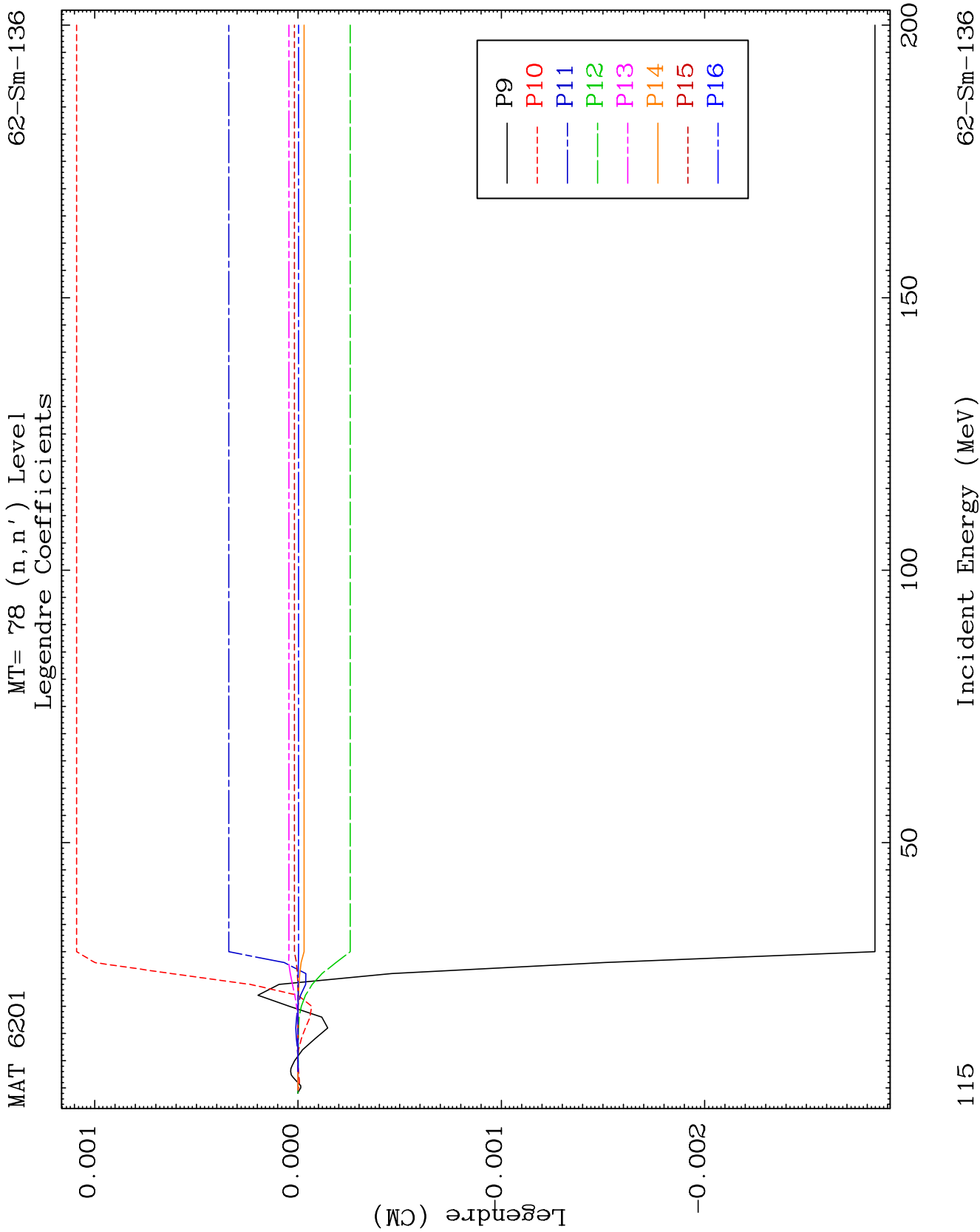
62-Sm-136

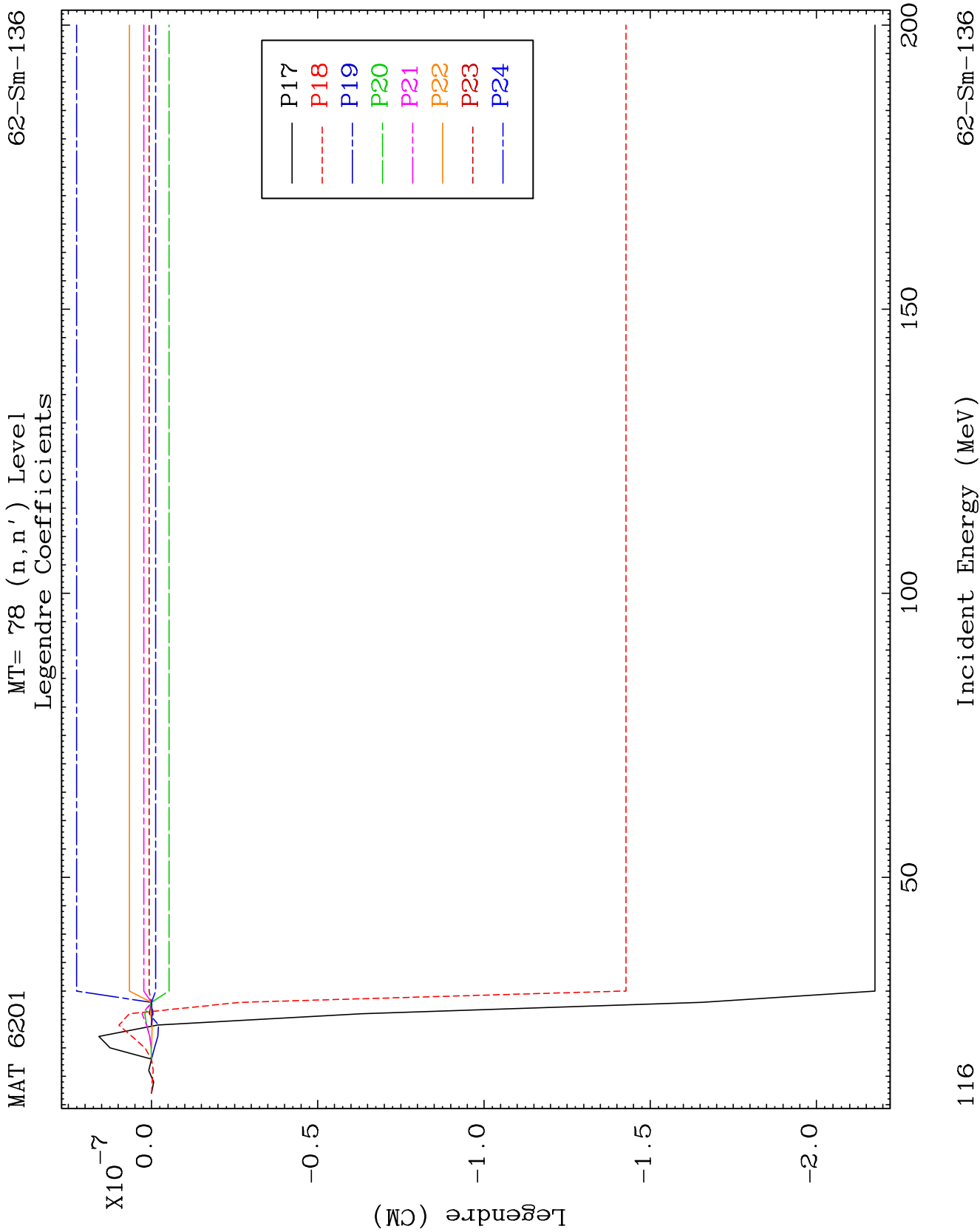




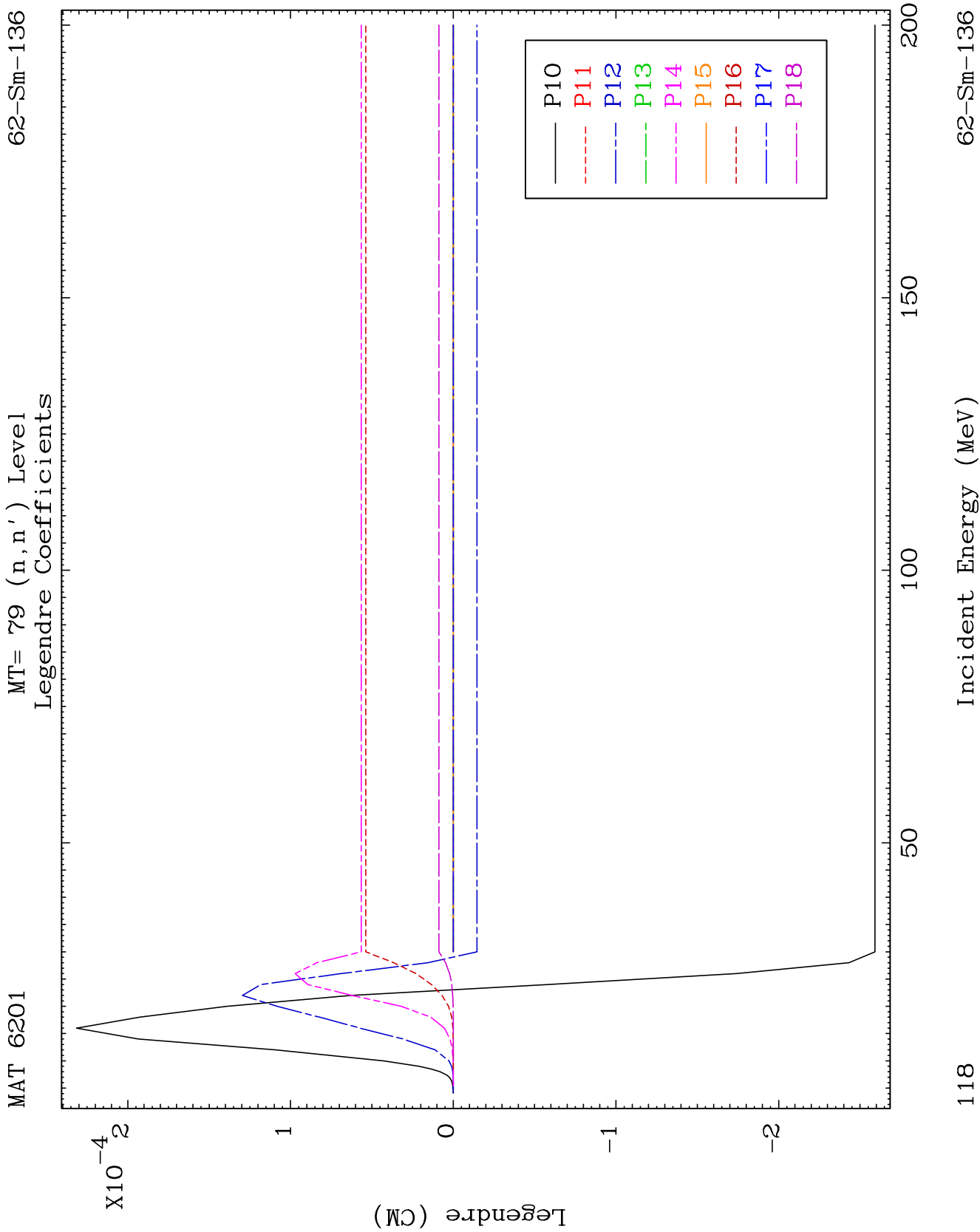


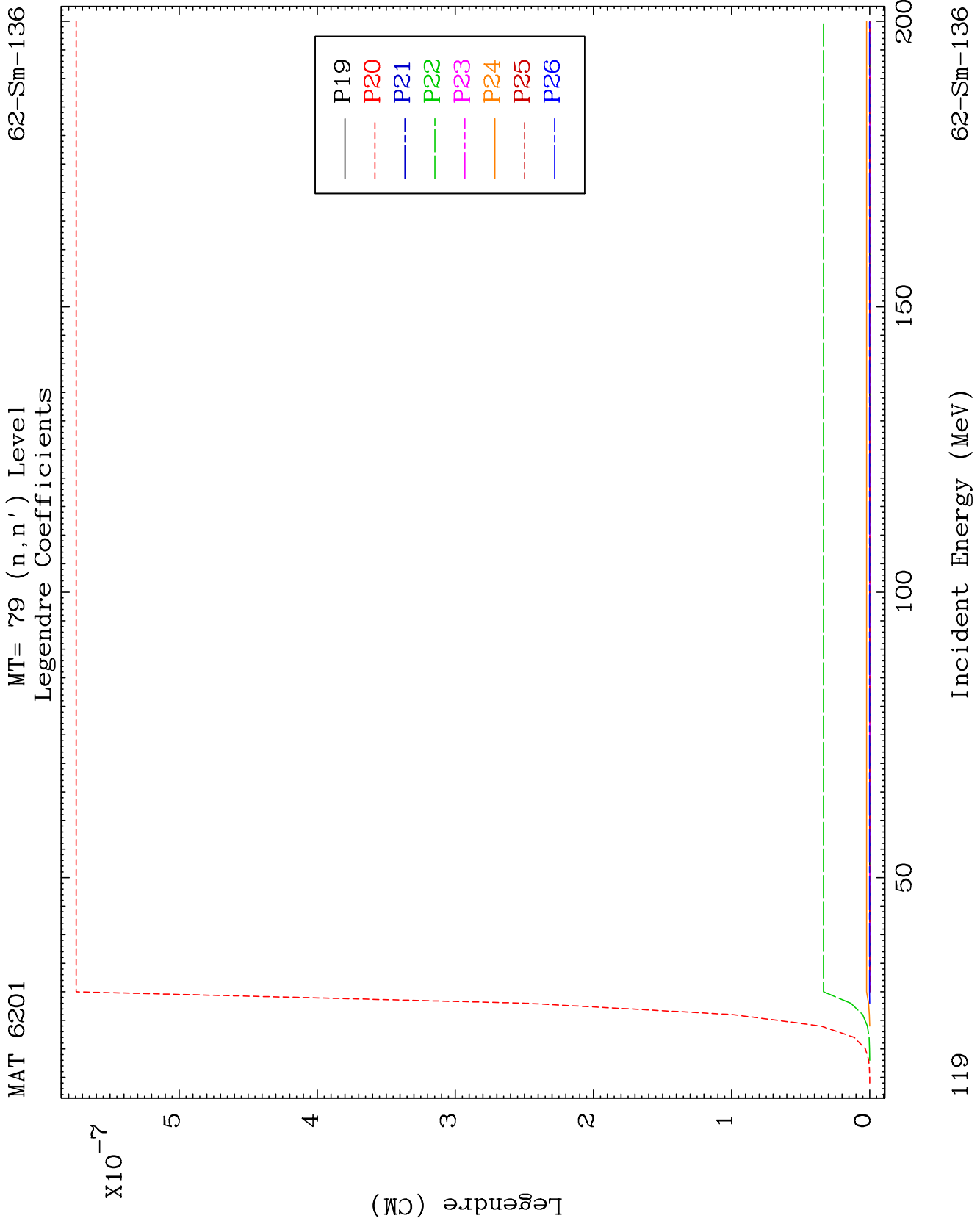










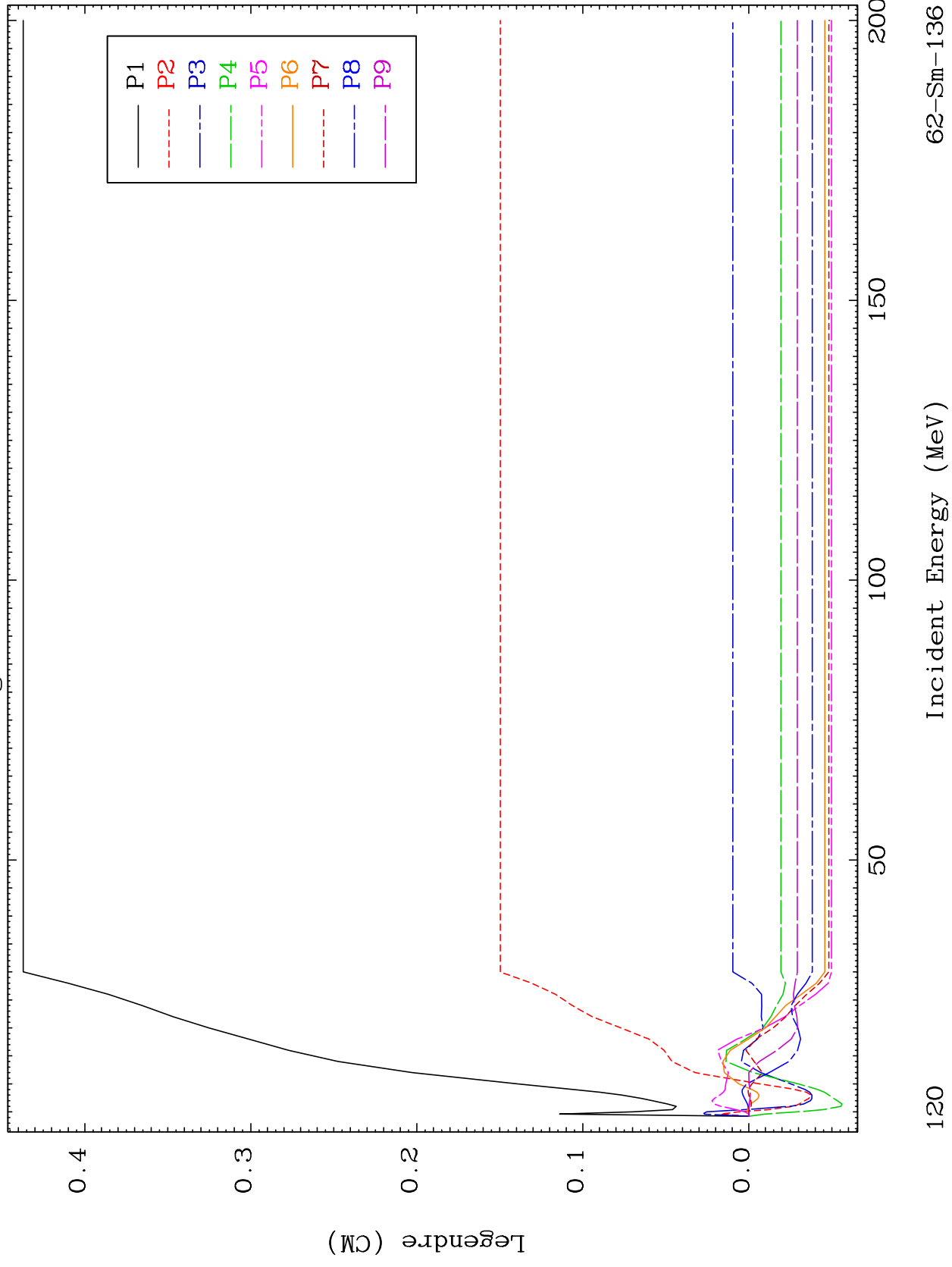


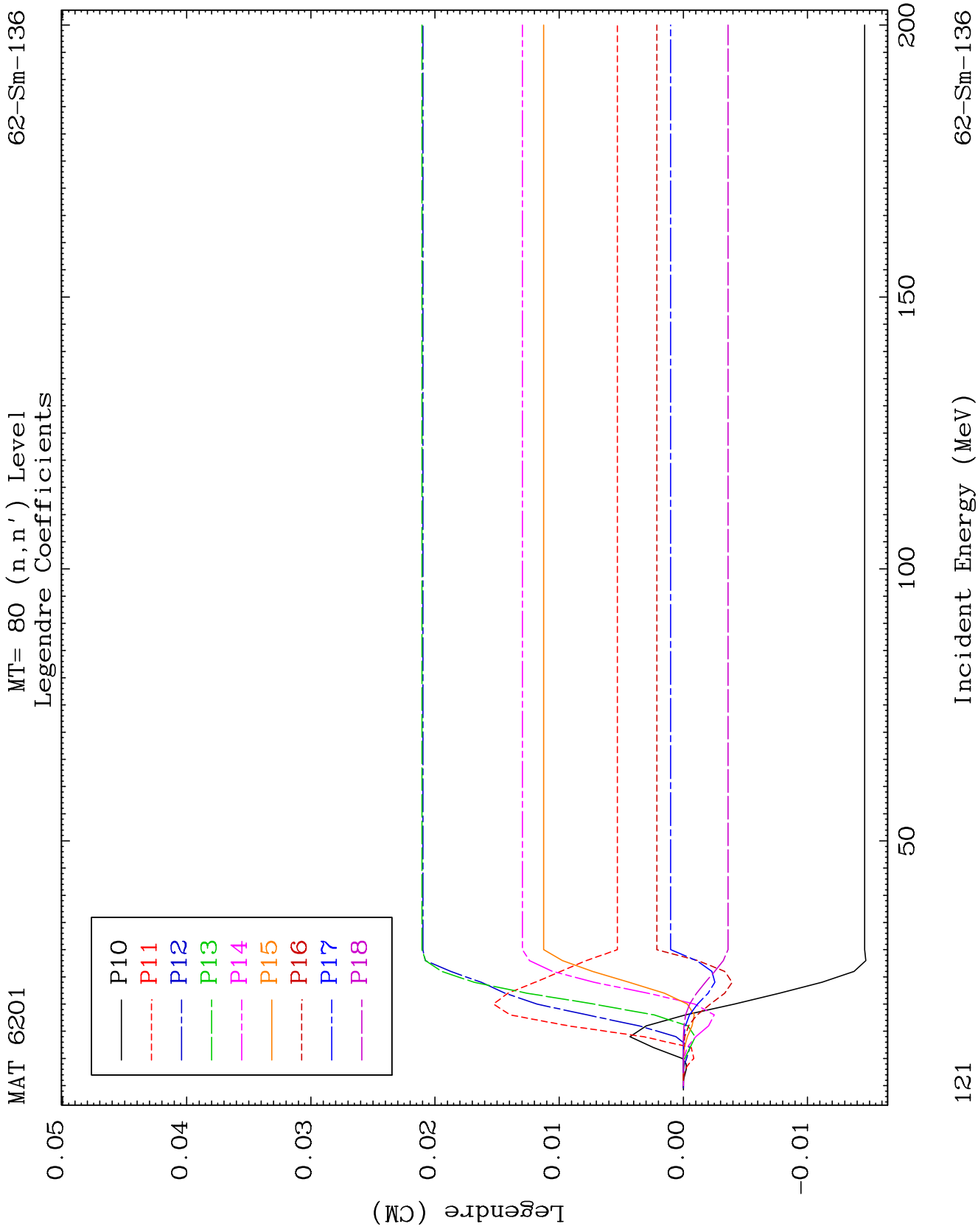


MAT 6201

MT= 80 (n, n') Level  
Legendre Coefficients

62-Sm-136

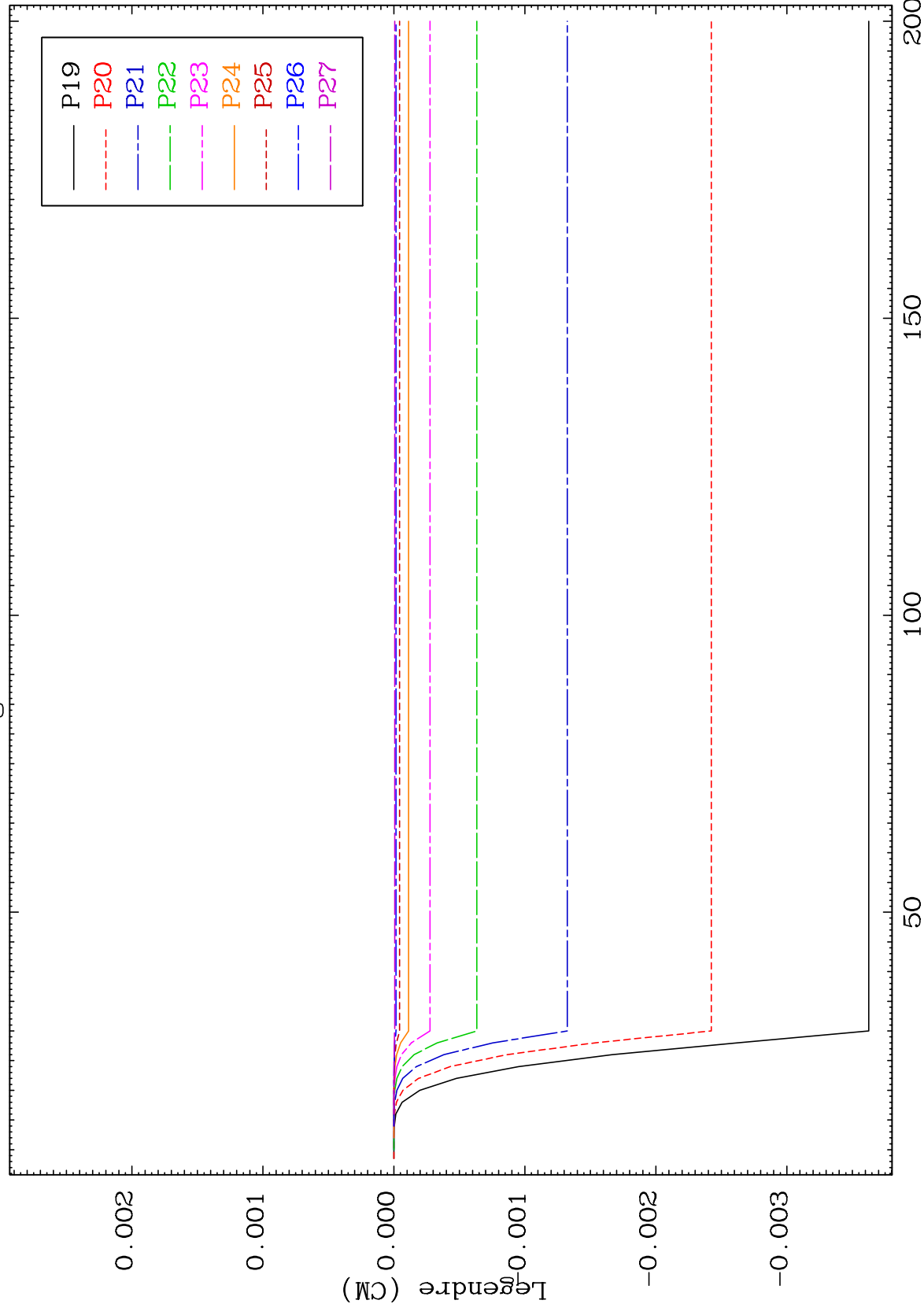




MAT 6201

MT= 80 (n, n') Level  
Legendre Coefficients

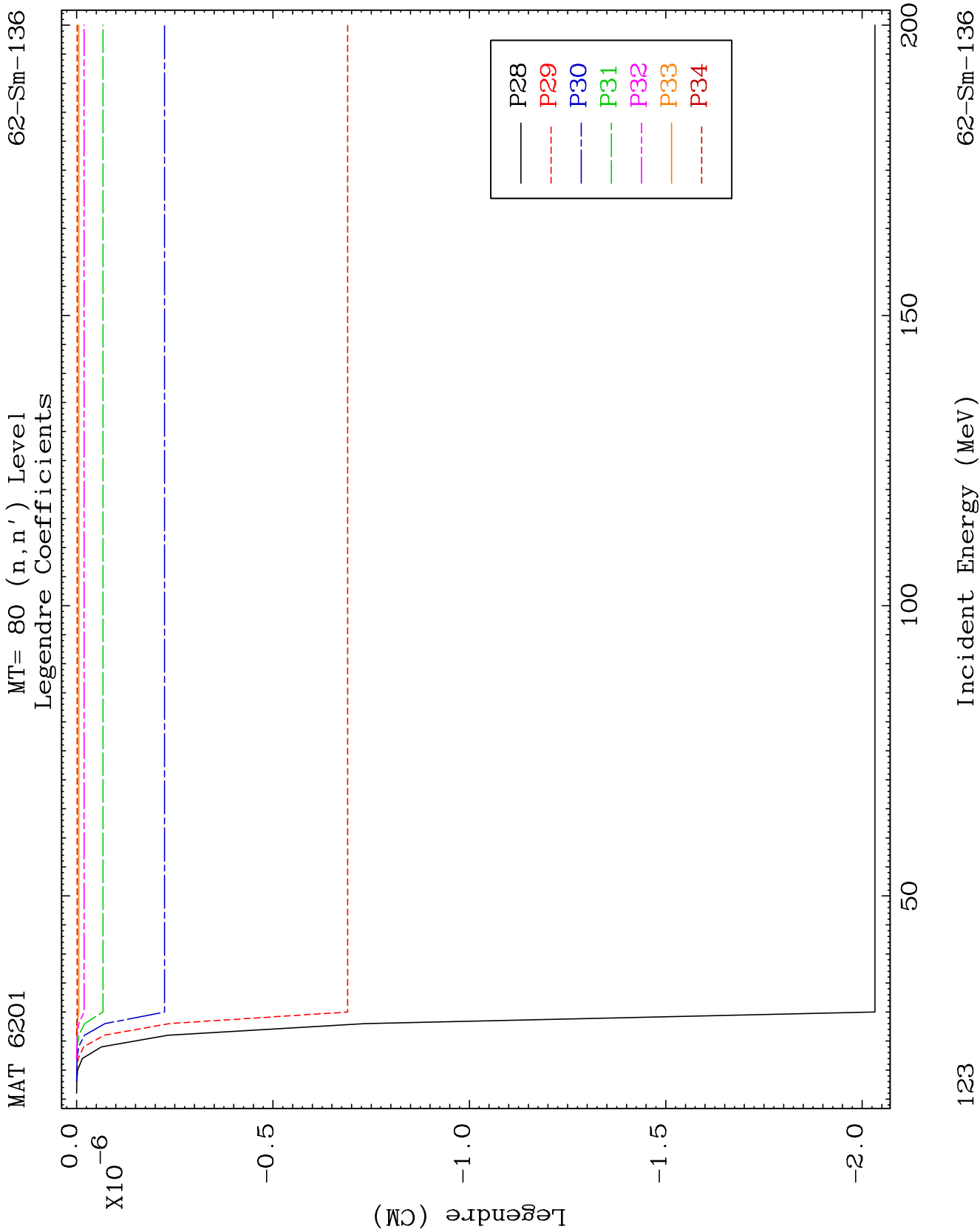
62-Sm-136

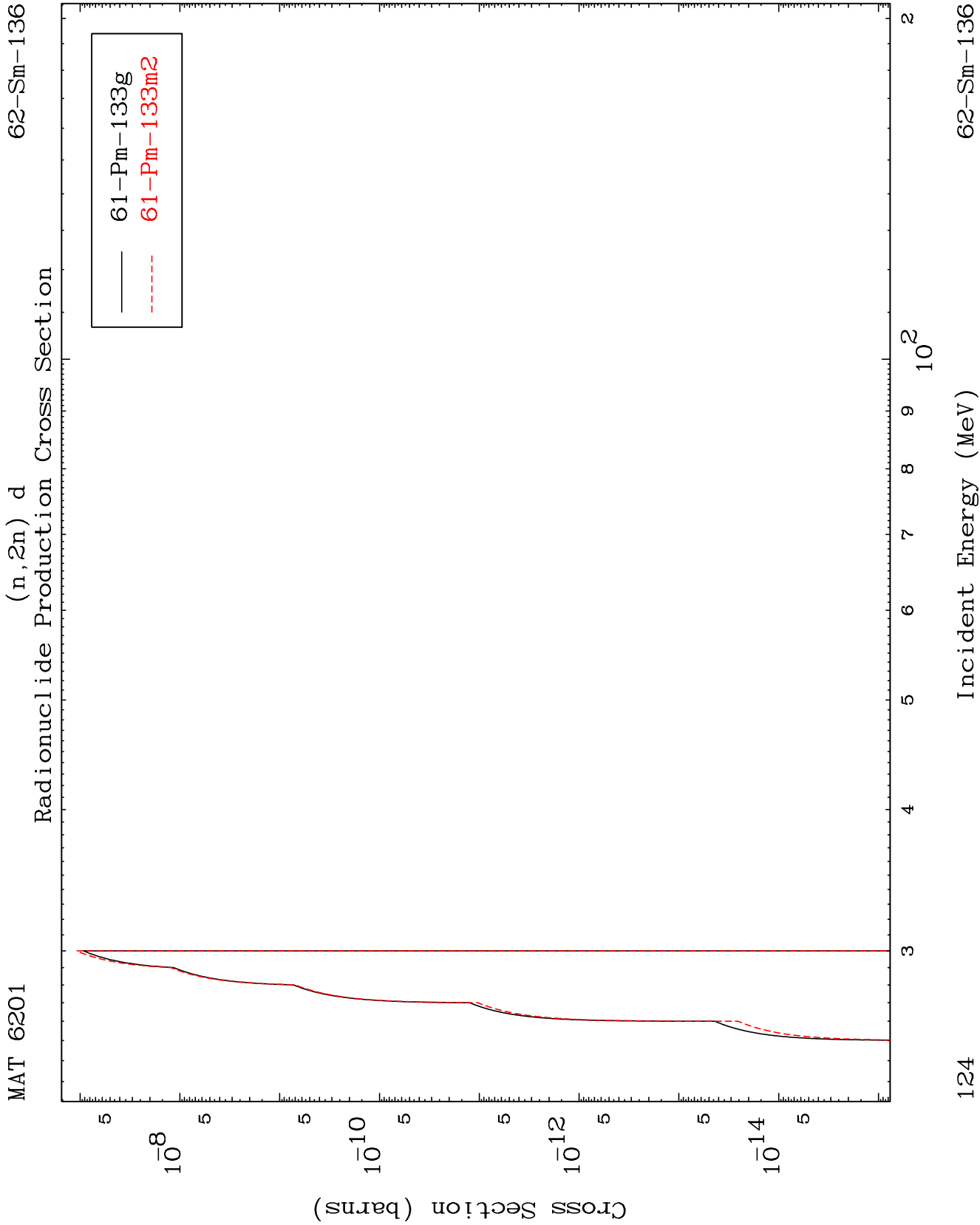


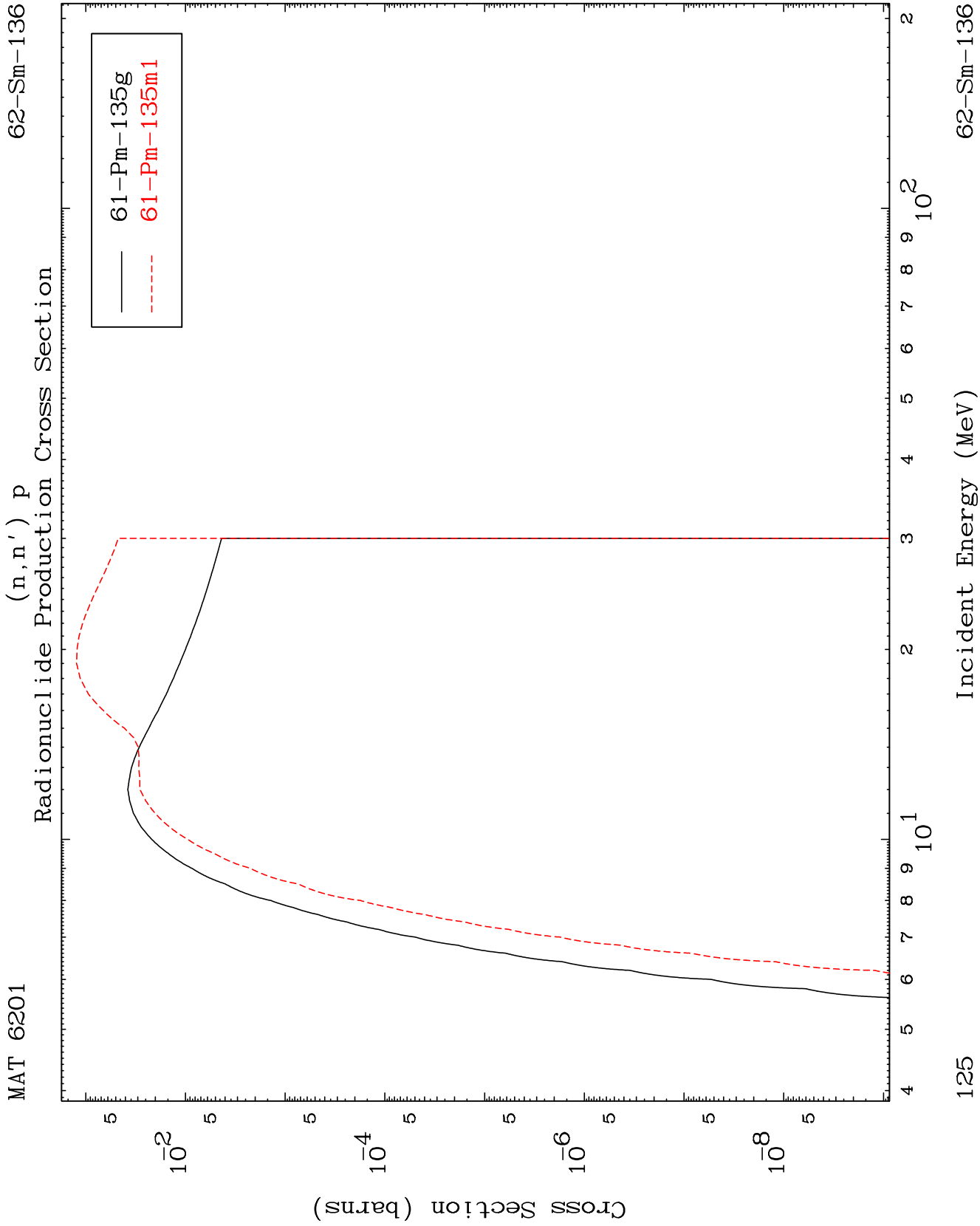
122

Incident Energy (MeV)

62-Sm-136



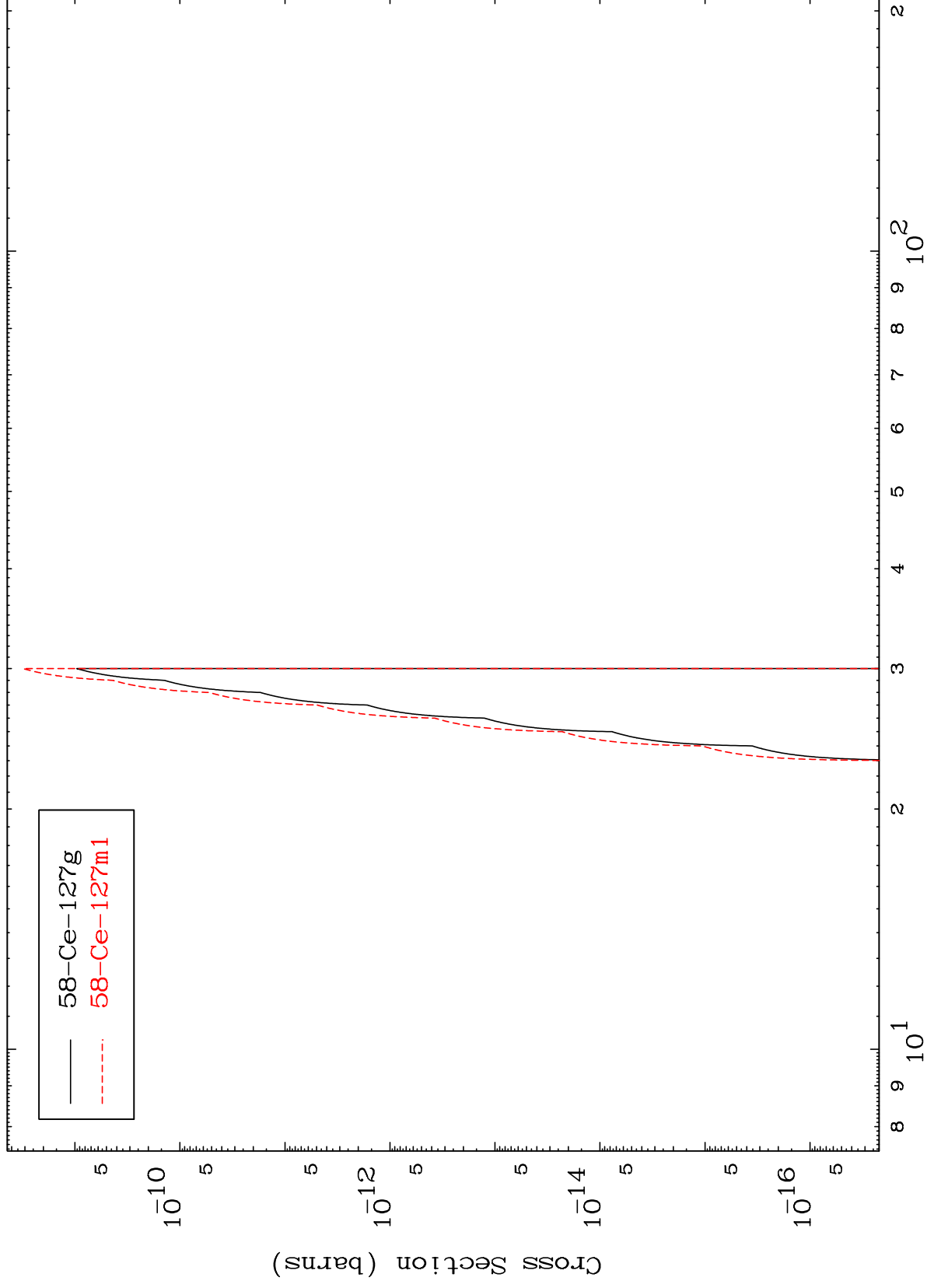




MAT 6201

62-Sm-136

(n,2n) 2α  
Radionuclide Production Cross Section

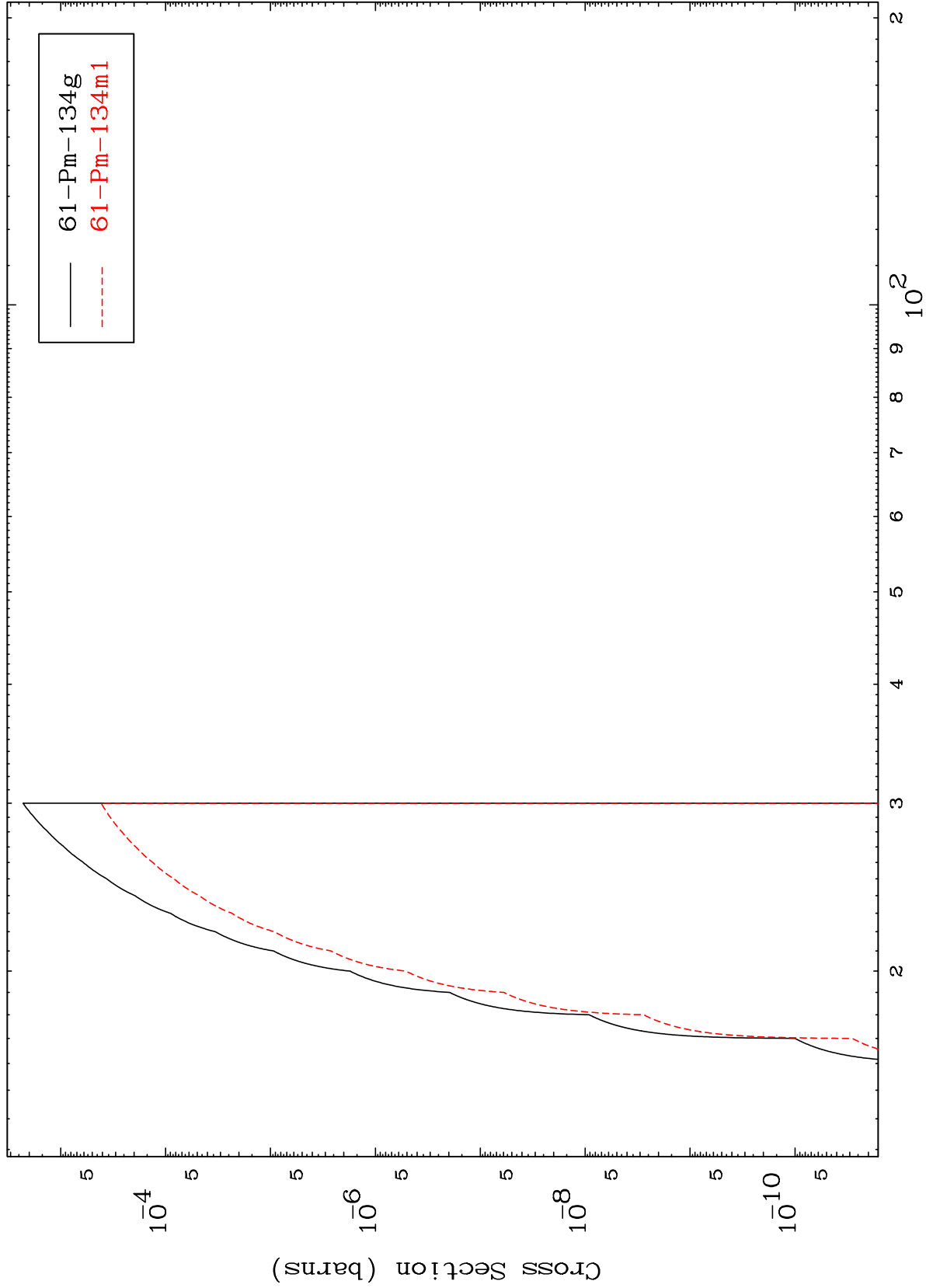


62-Sm-136

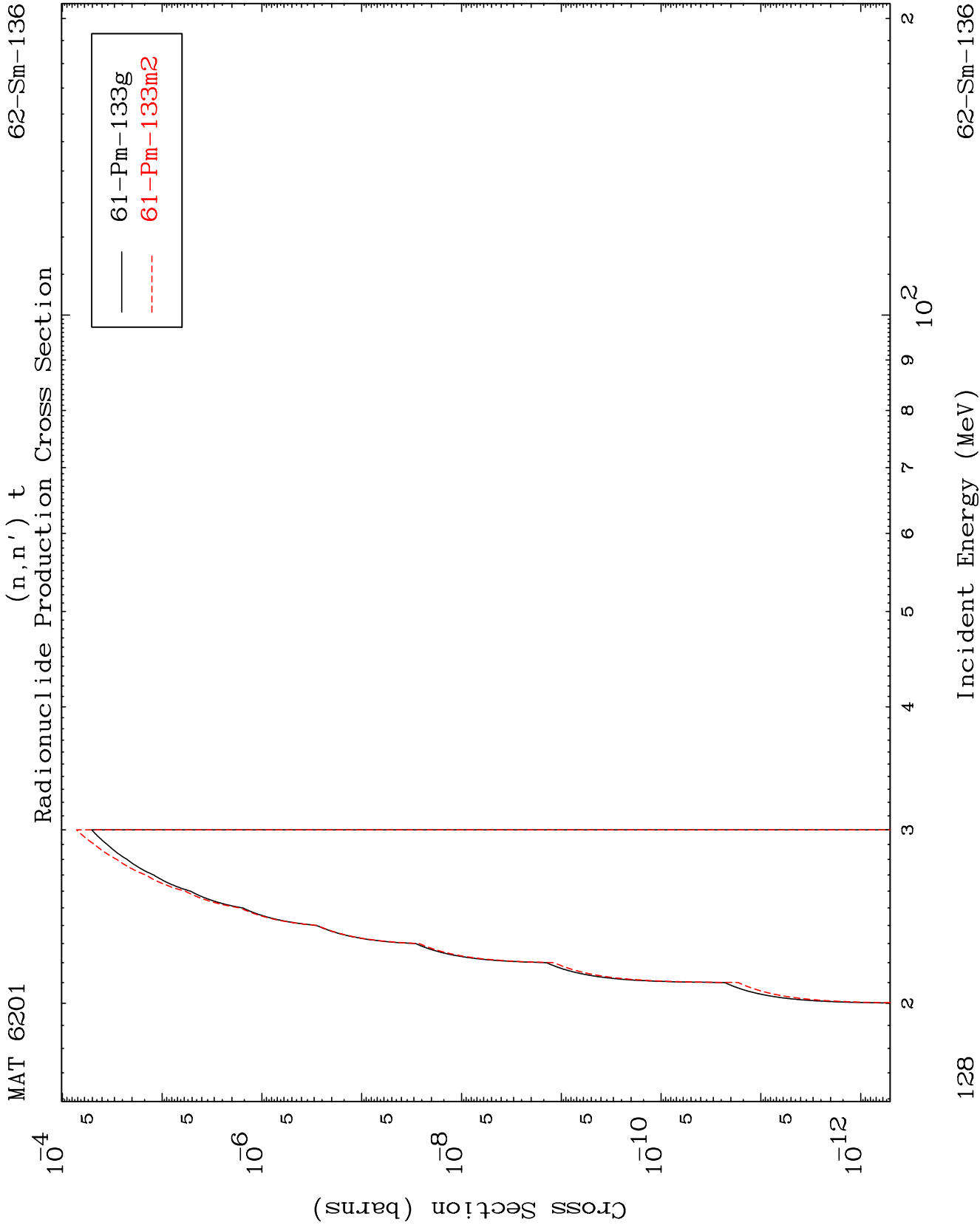
Incident Energy (MeV)

126

Radionuclide Production Cross Section  
(n,n') d





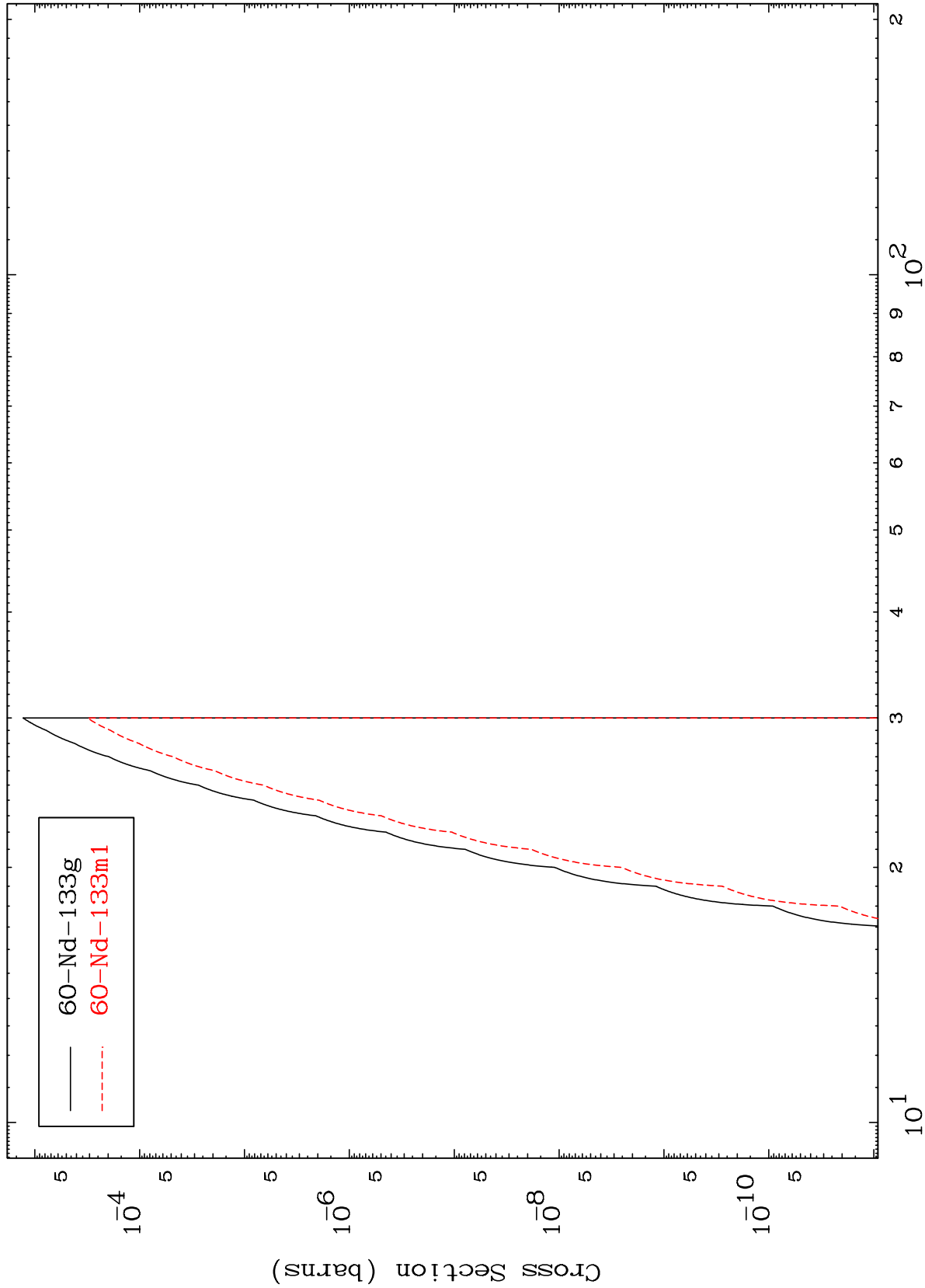


MAT 6201

(n,n') He-3

62-Sm-136

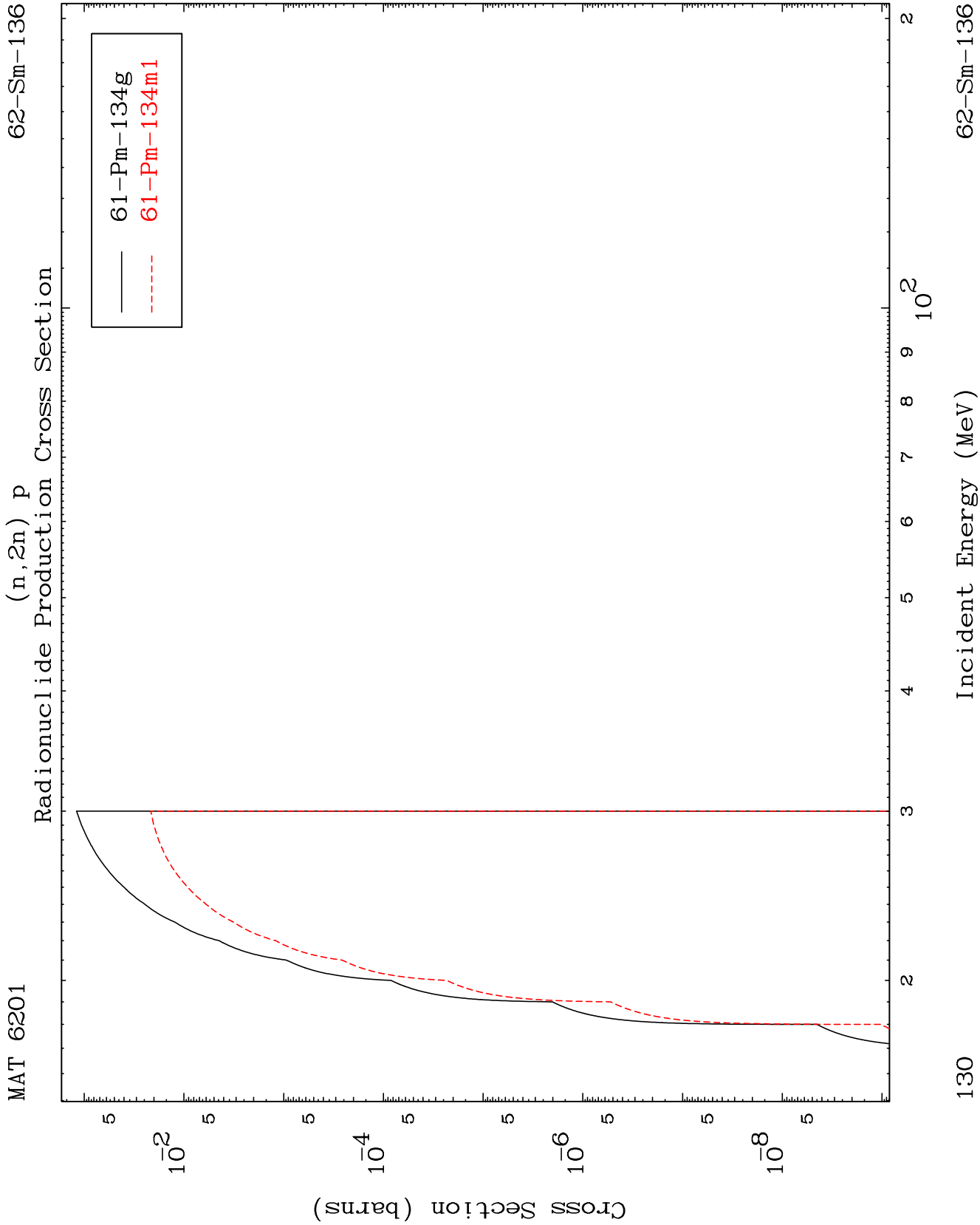
Radionuclide Production Cross Section

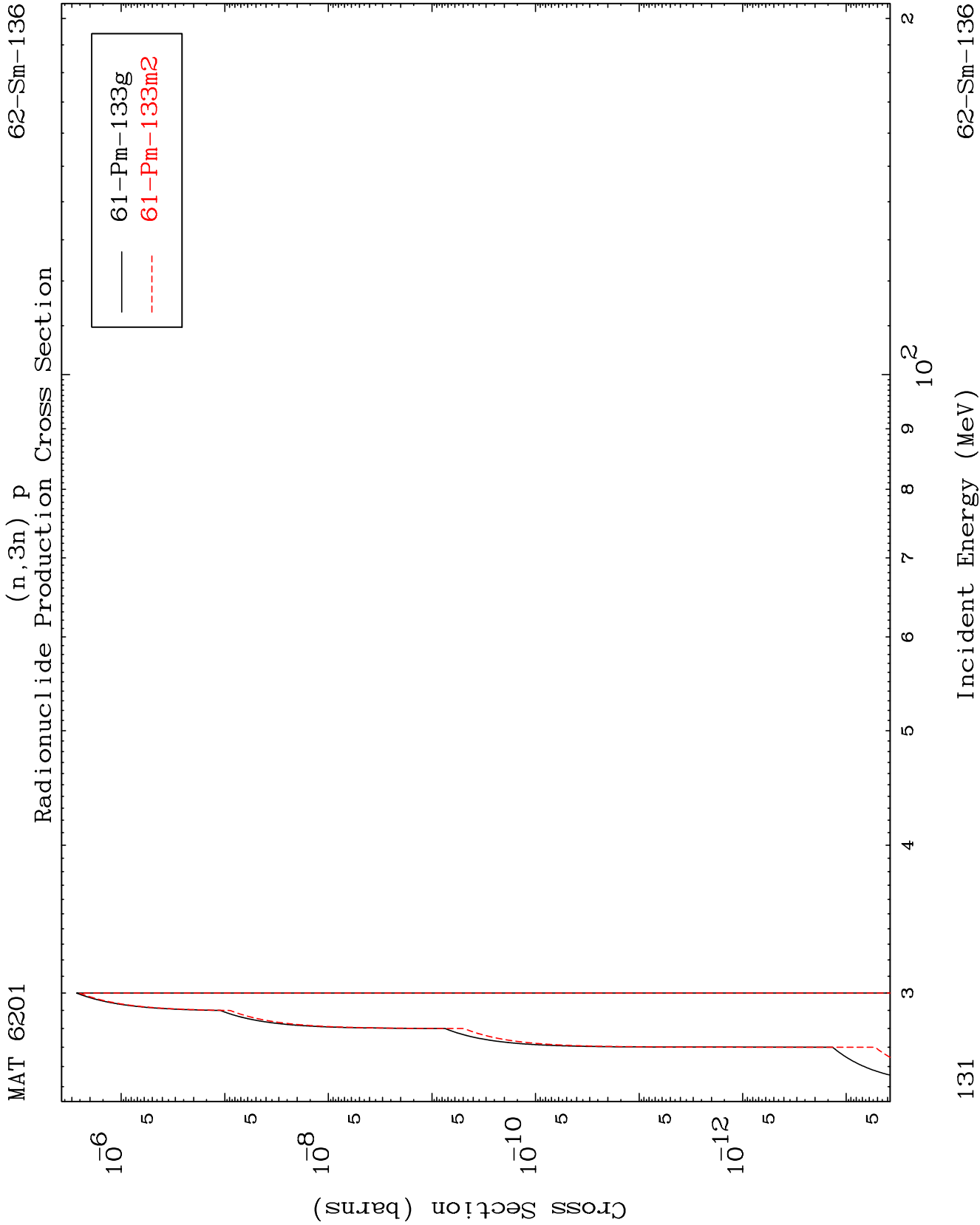


129

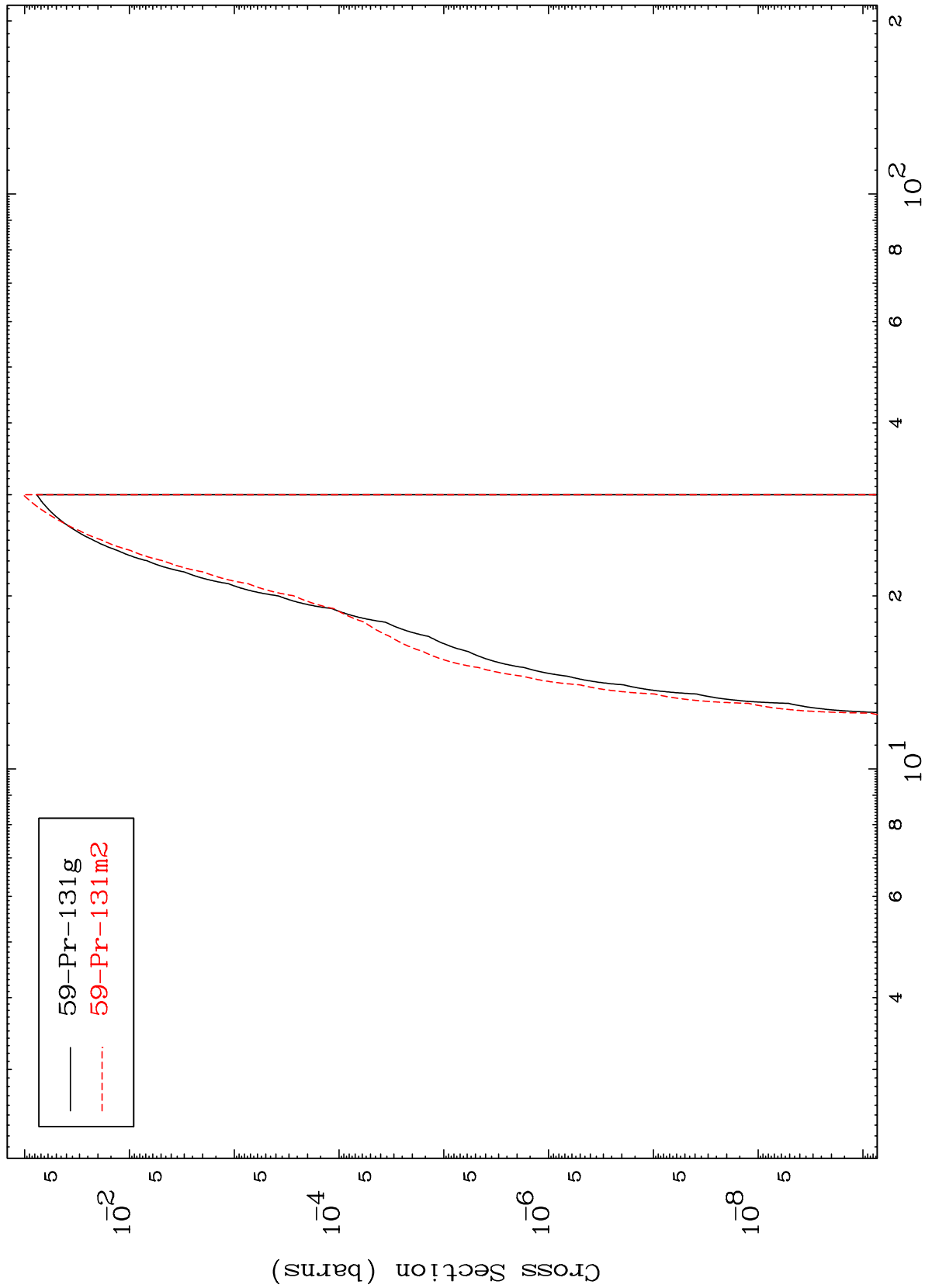
Incident Energy (MeV)

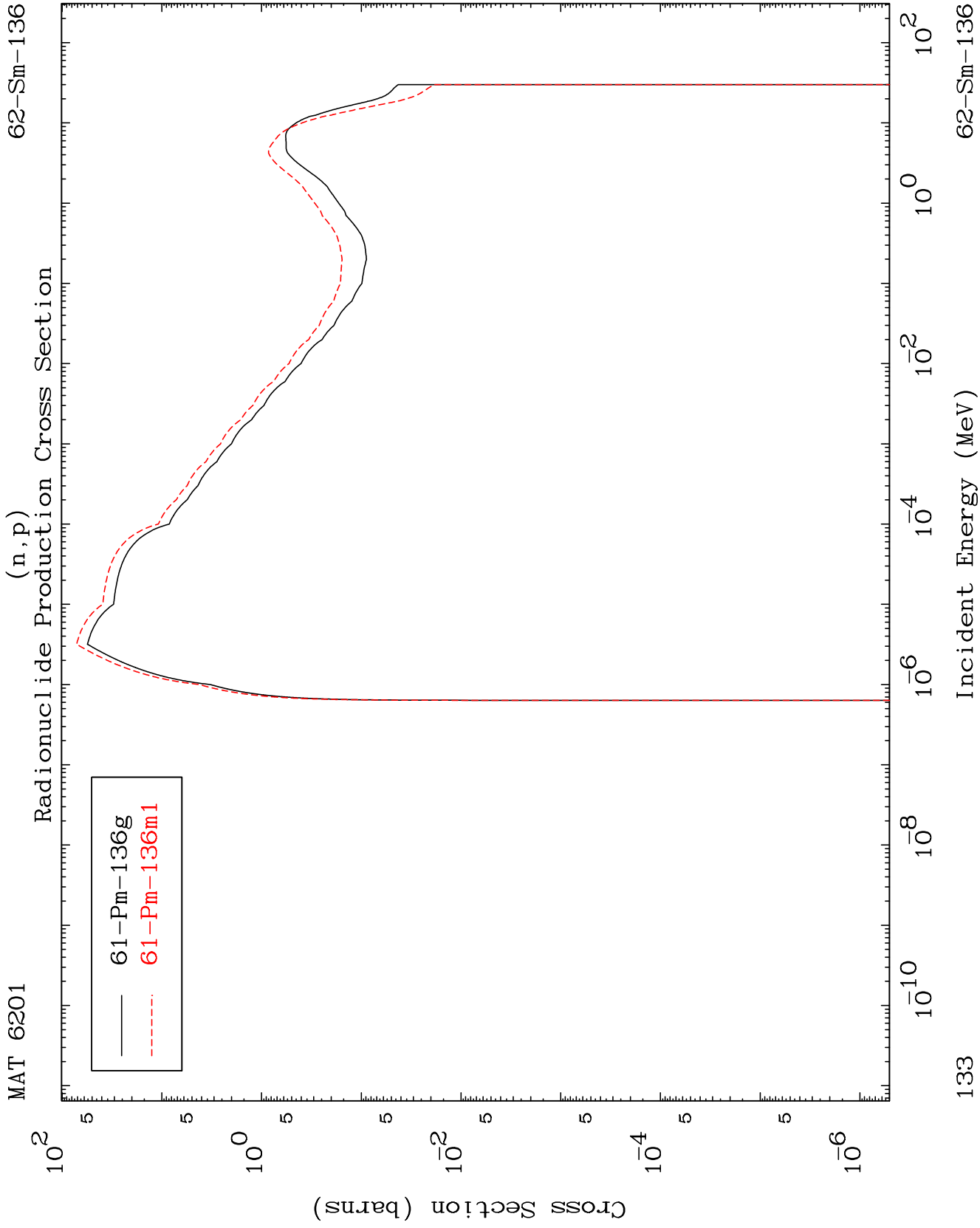
62-Sm-136

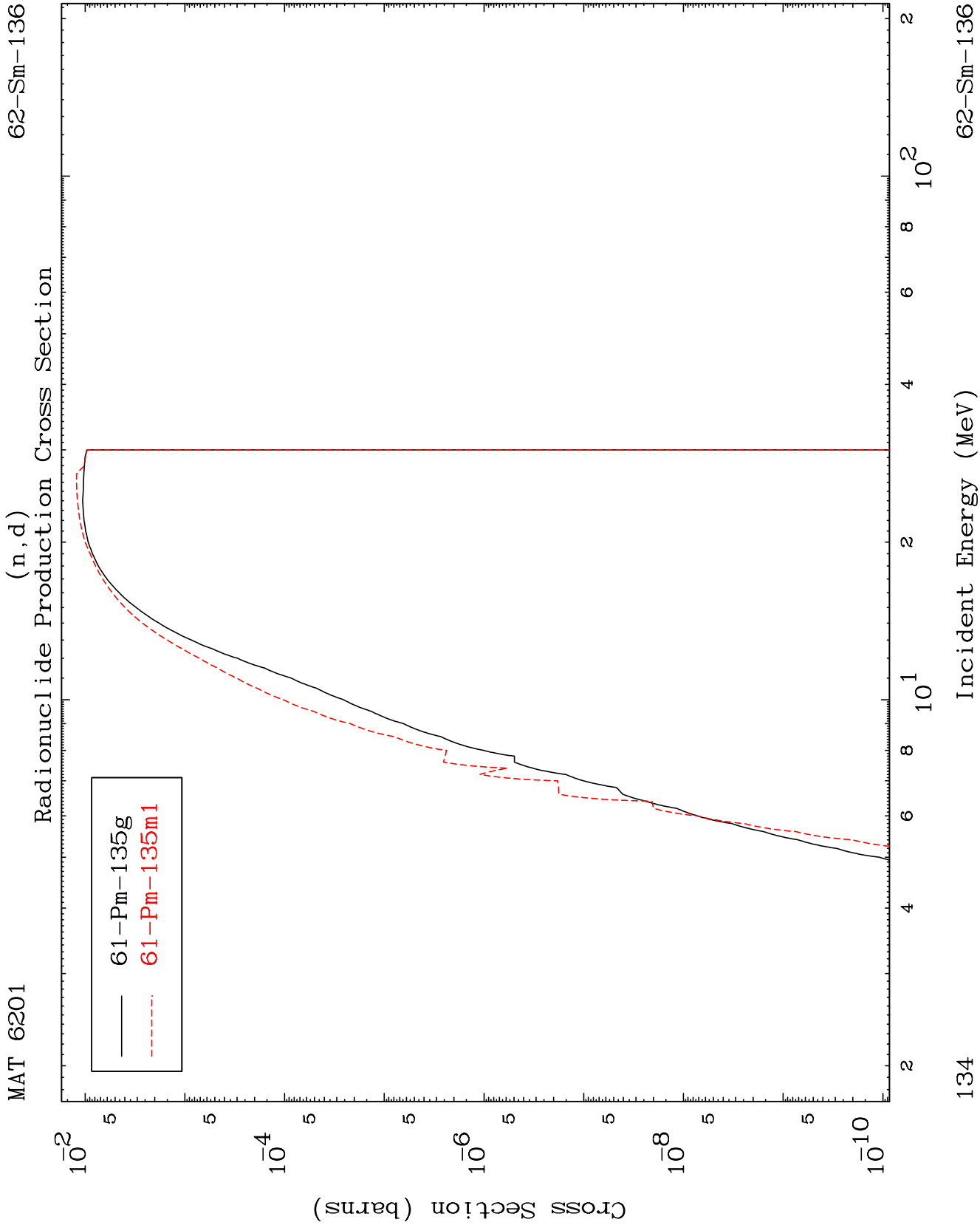


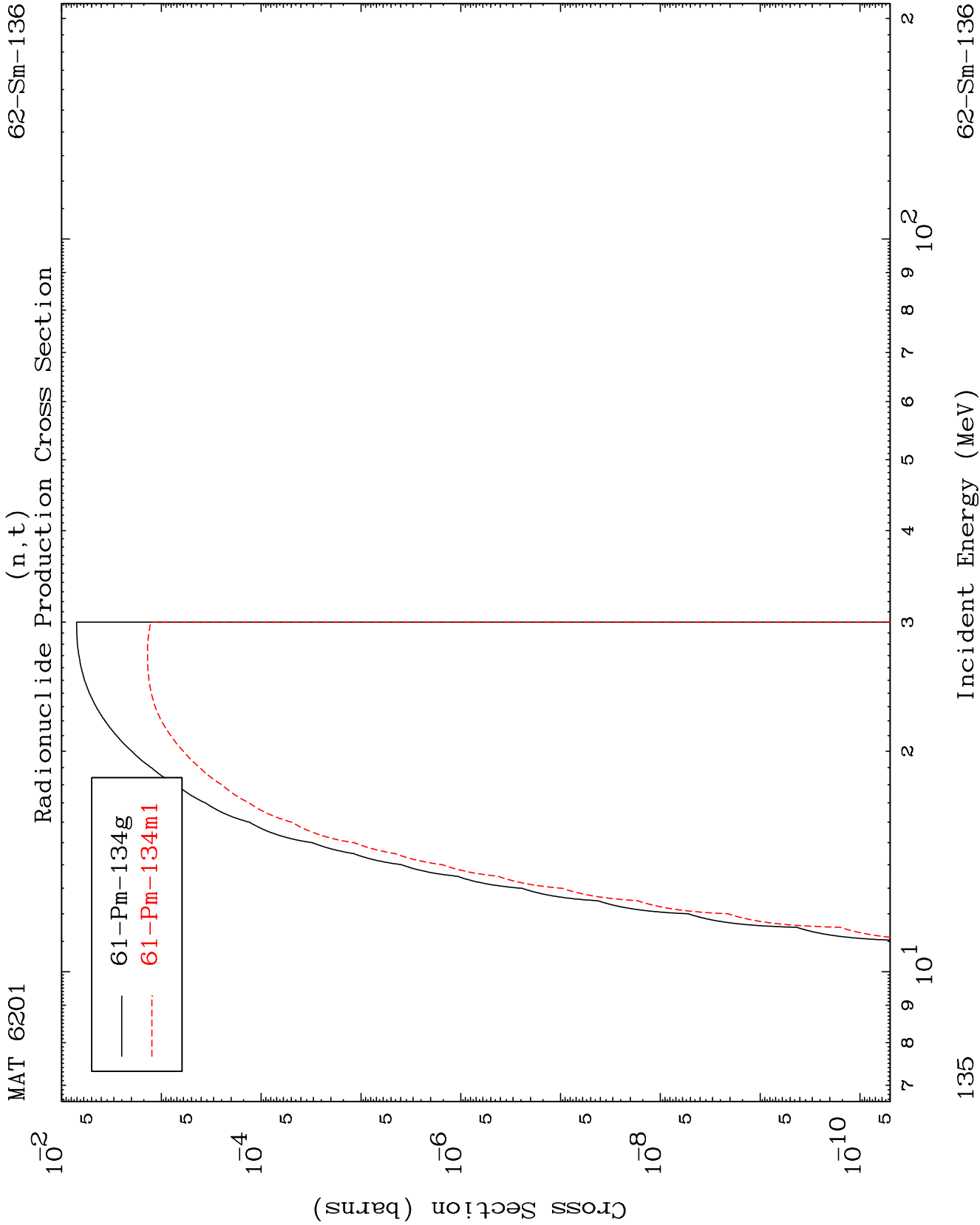


Radionuclide Production Cross Section  
(n,n') p  $\alpha$

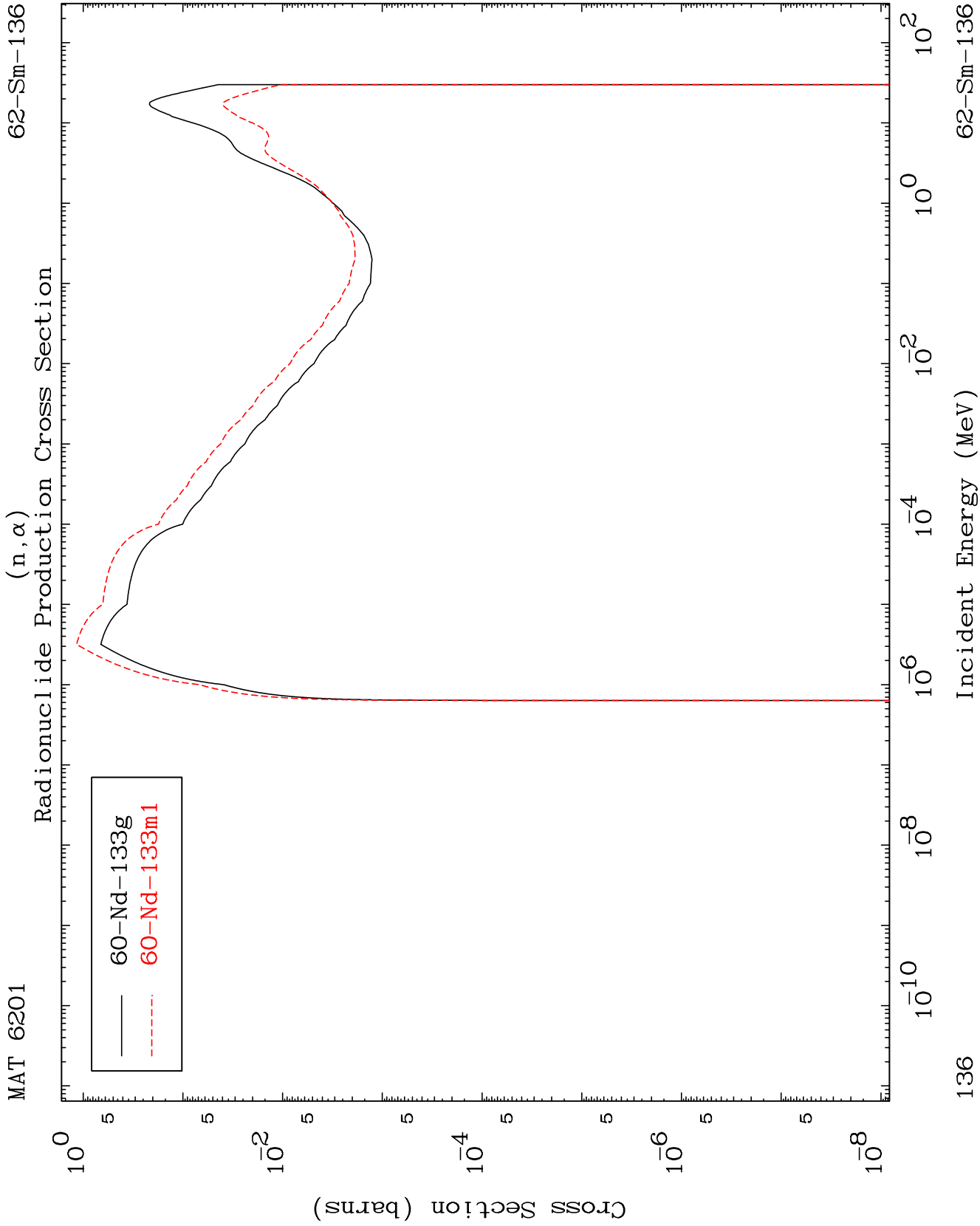










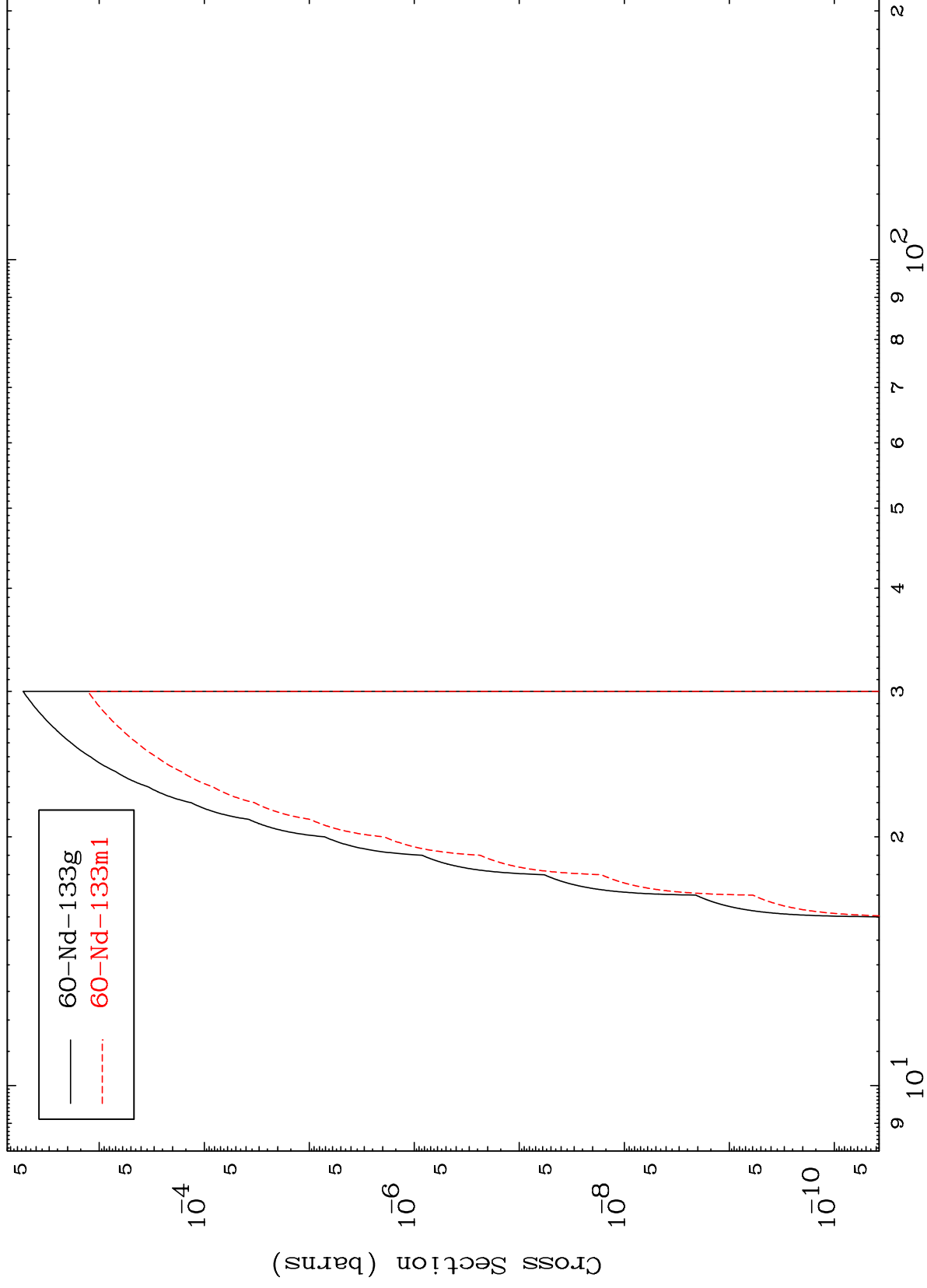


MAT 6201

(n,p) t

62-Sm-136

Radionuclide Production Cross Section



137

Incident Energy (MeV)

62-Sm-136

