

Program EVALPLOT
(Version 2021-1)

by

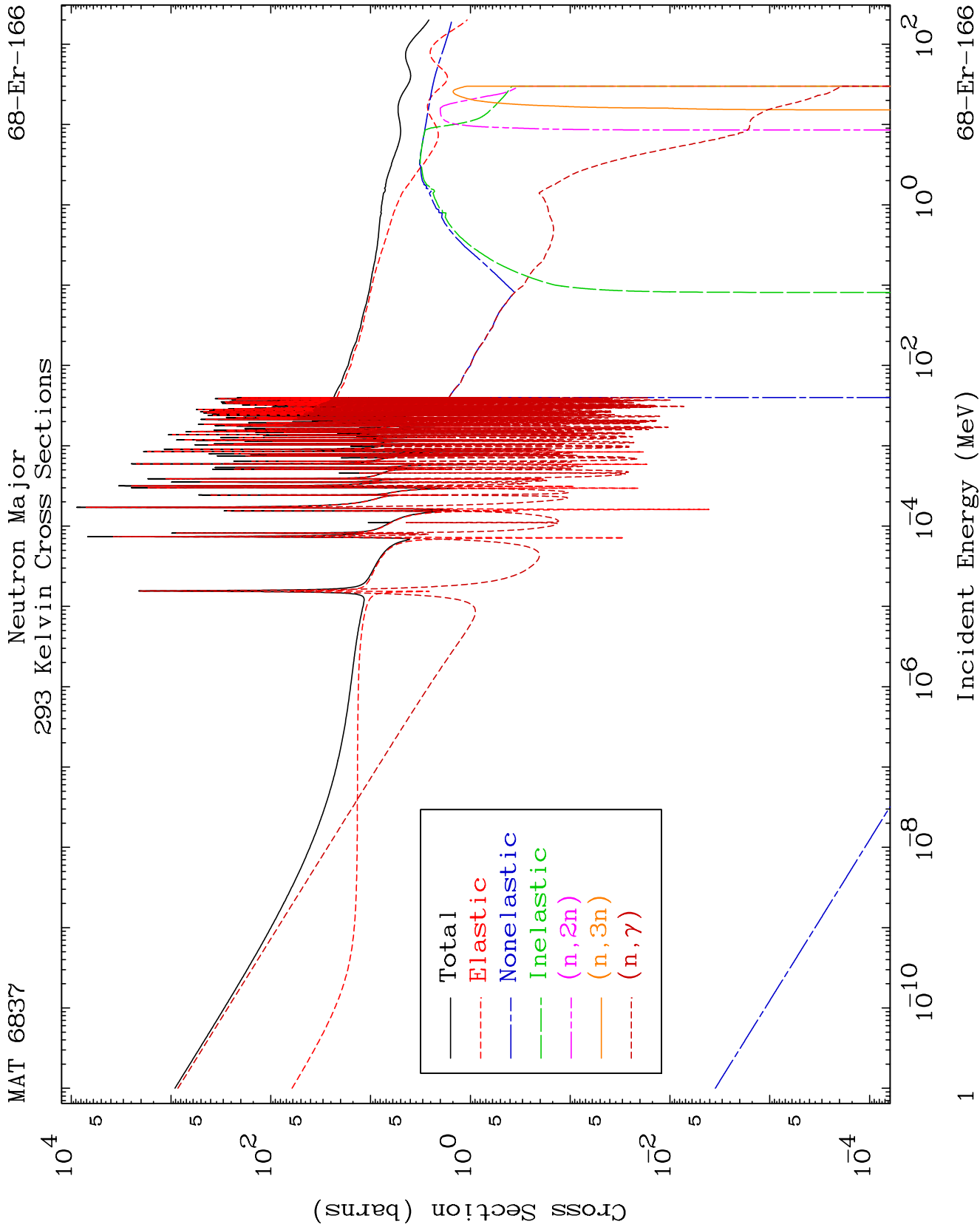
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
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Livermore, CA 94550
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Tele: 925-443-1911

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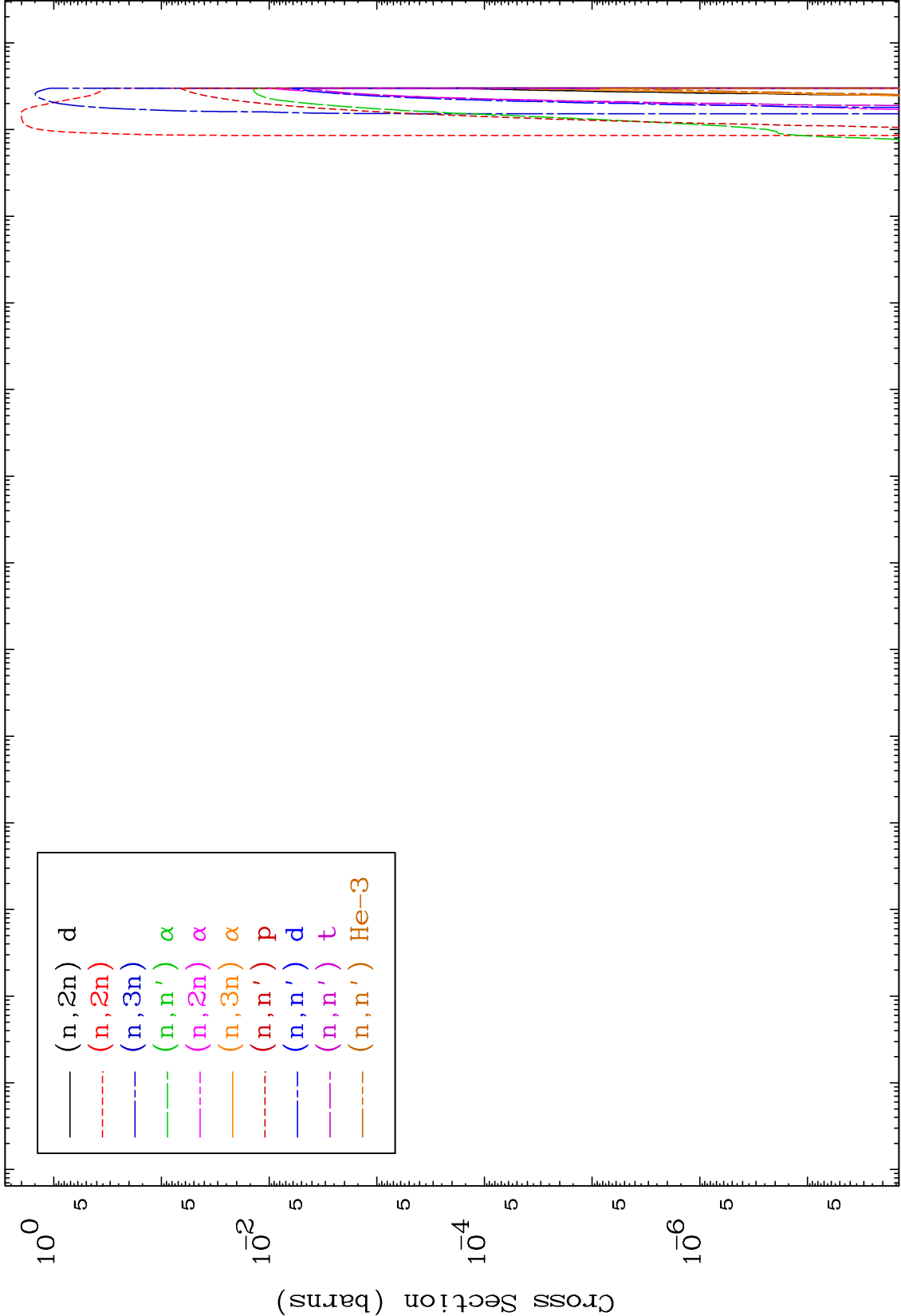
Press Mouse Button to Start

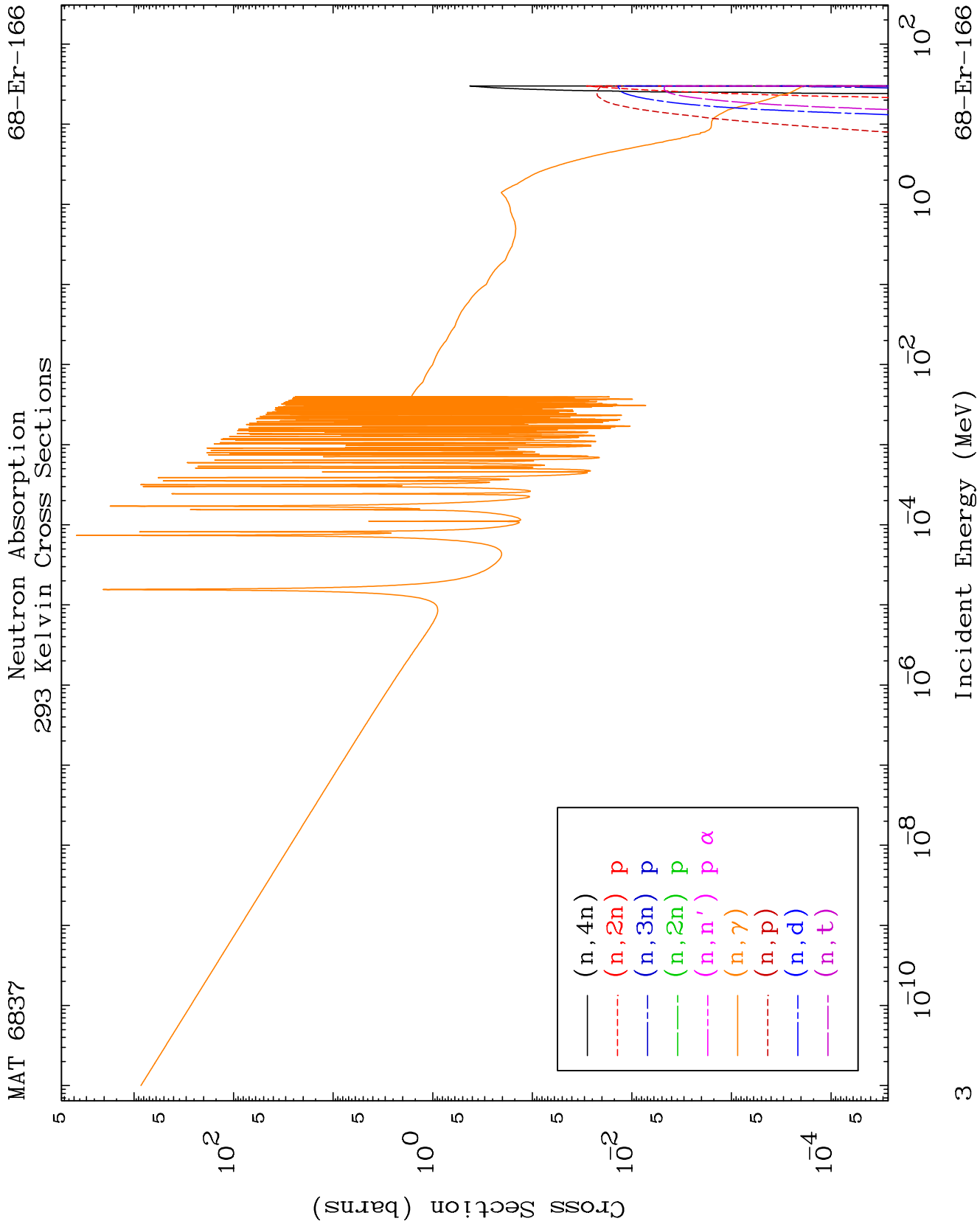


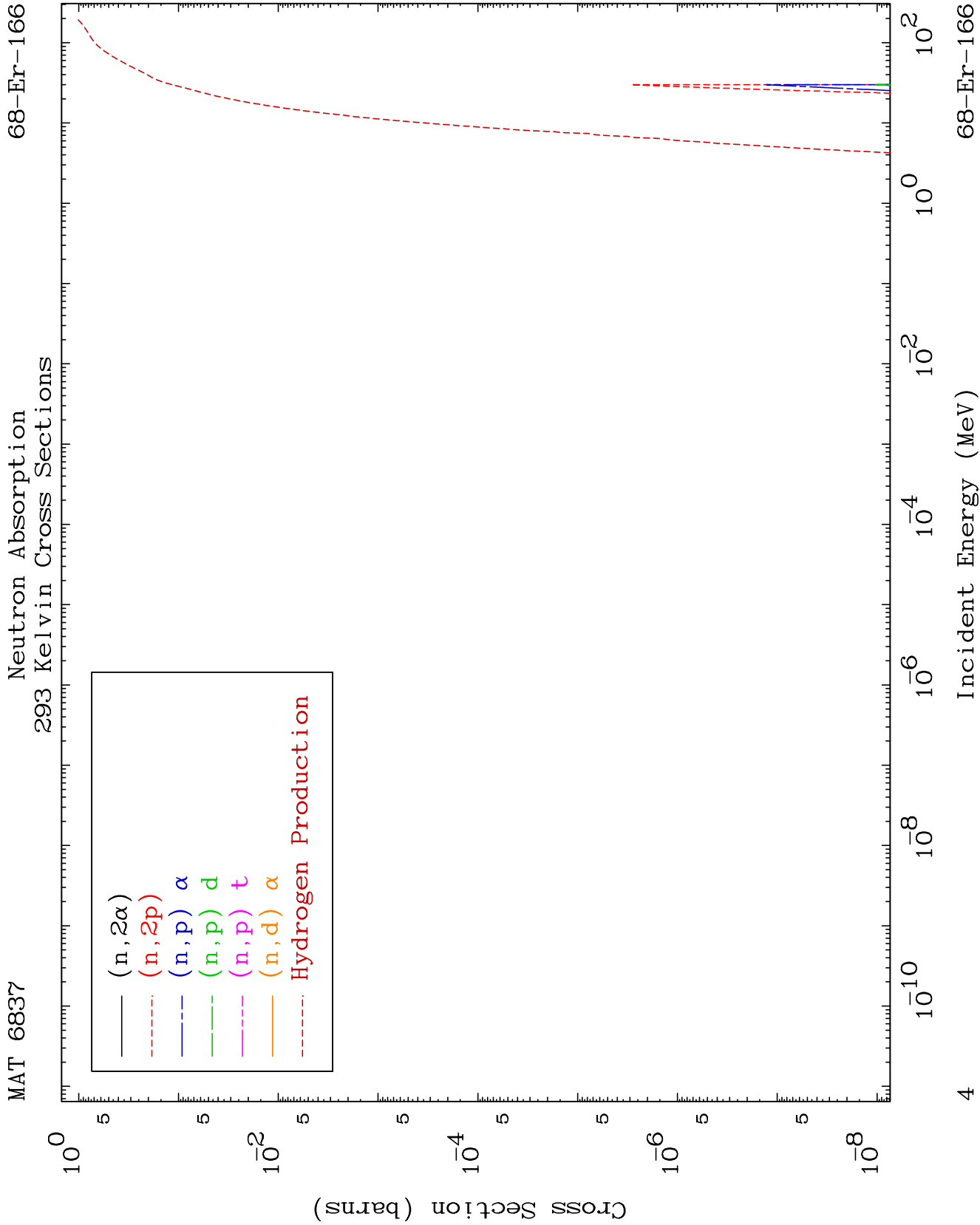
MAT 6837

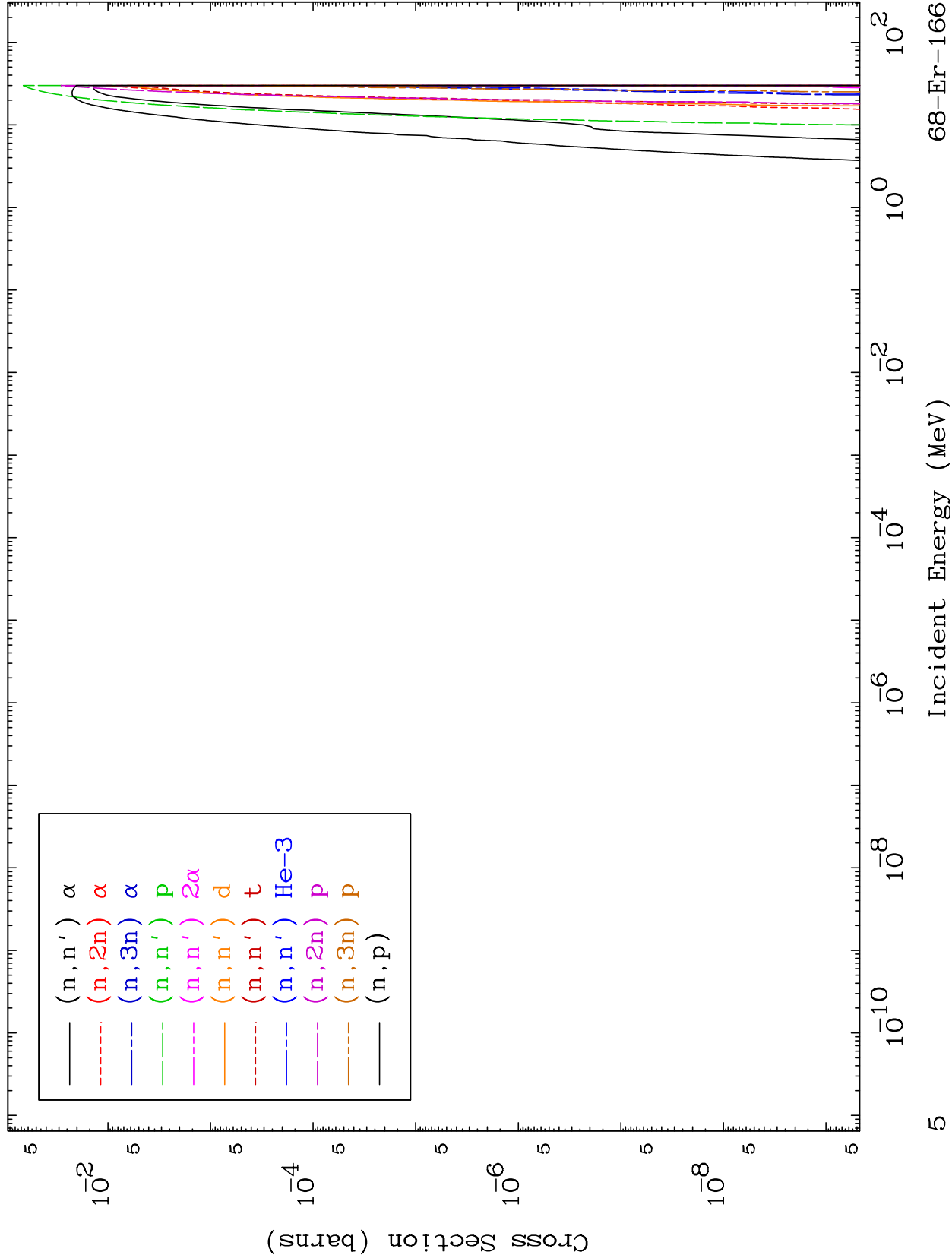
Neutron Absorption
293 Kelvin Cross Sections

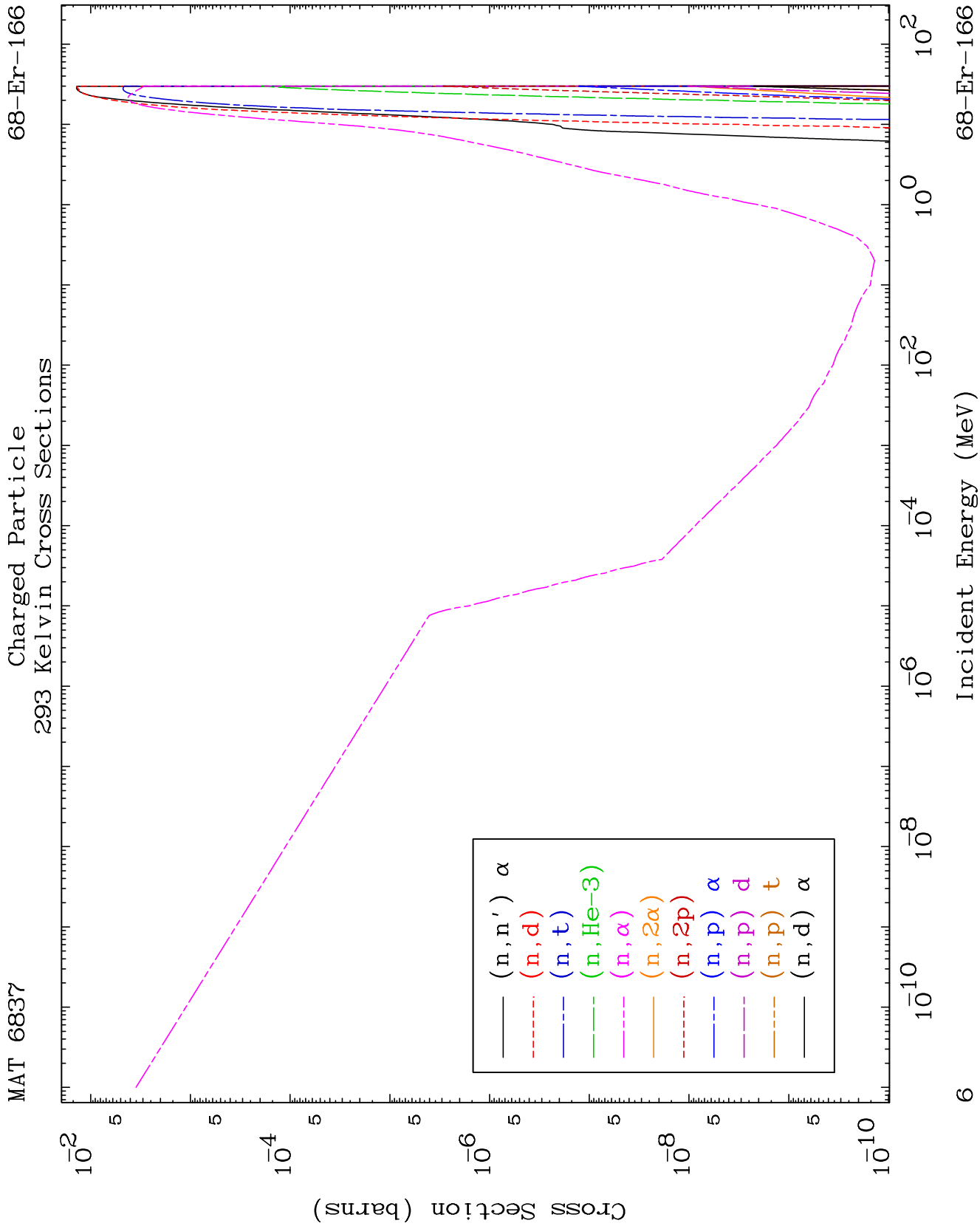
68-Er-166

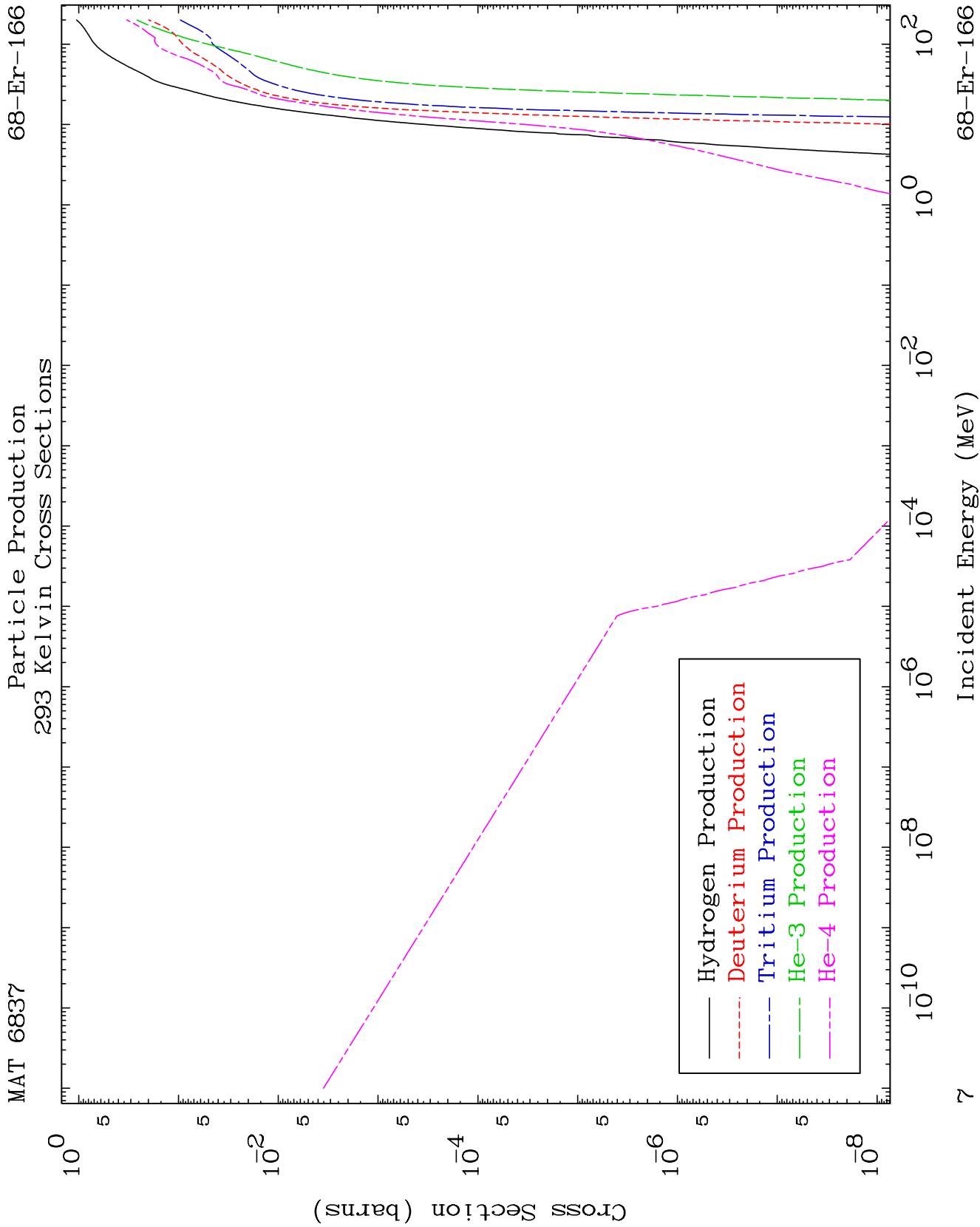


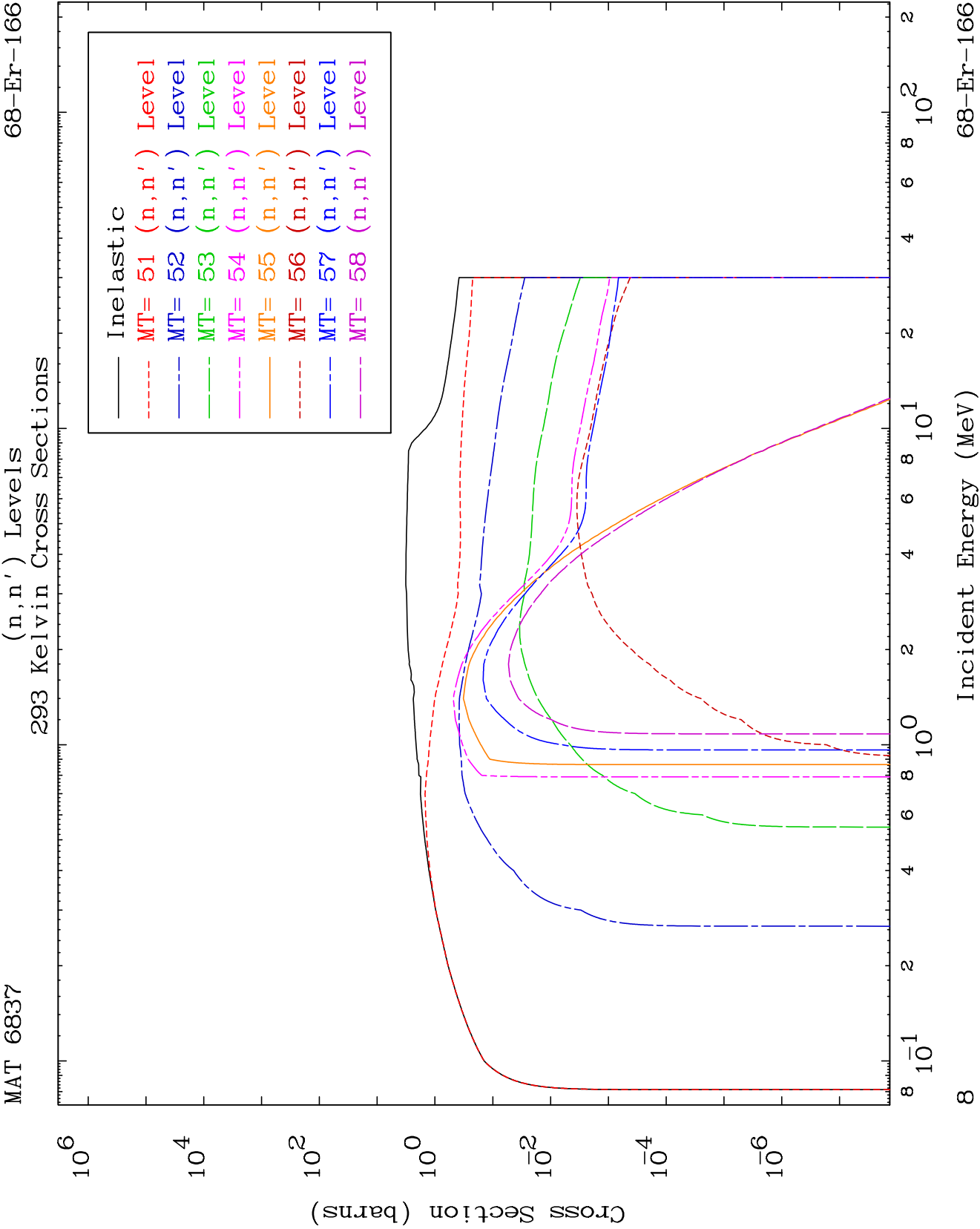


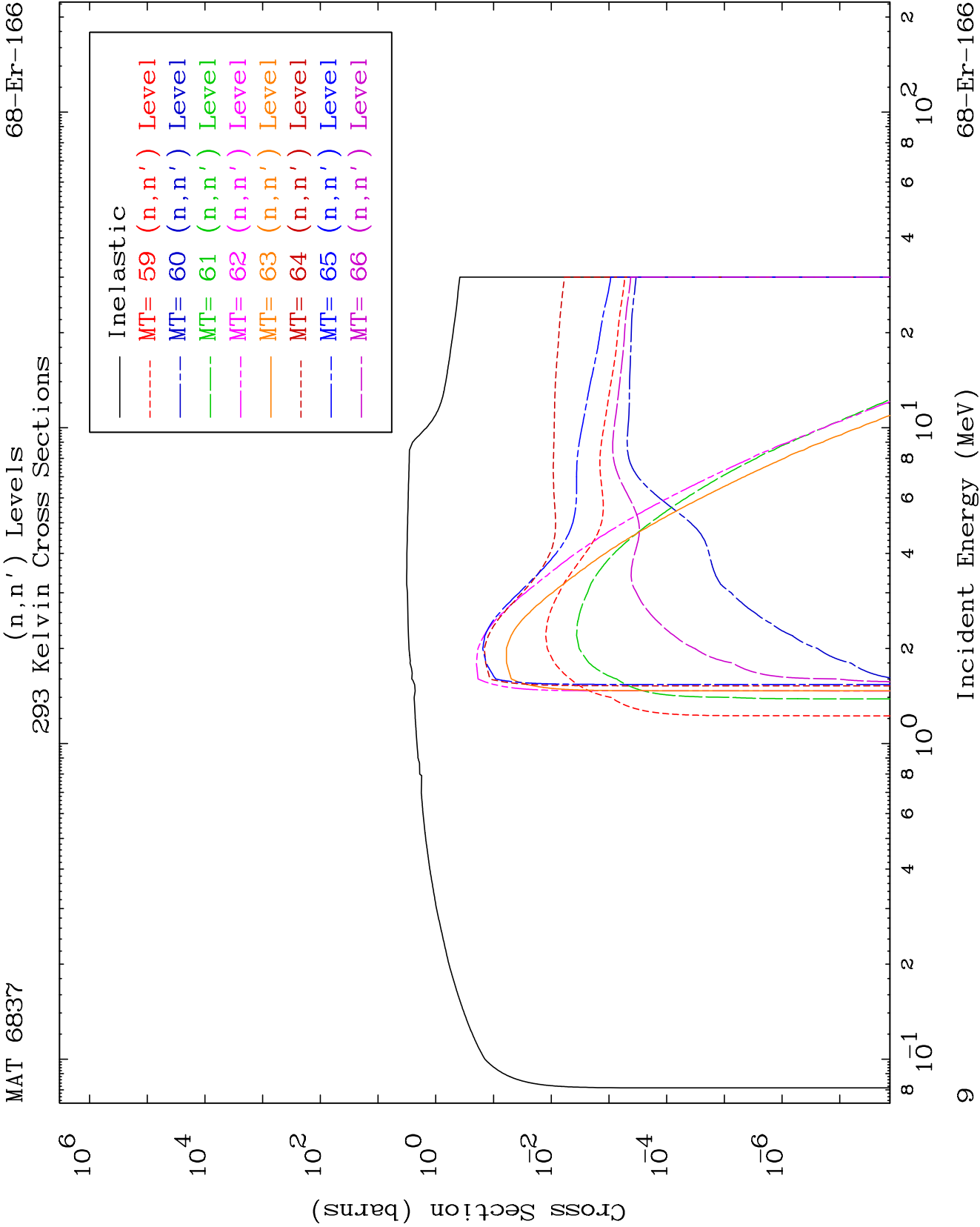








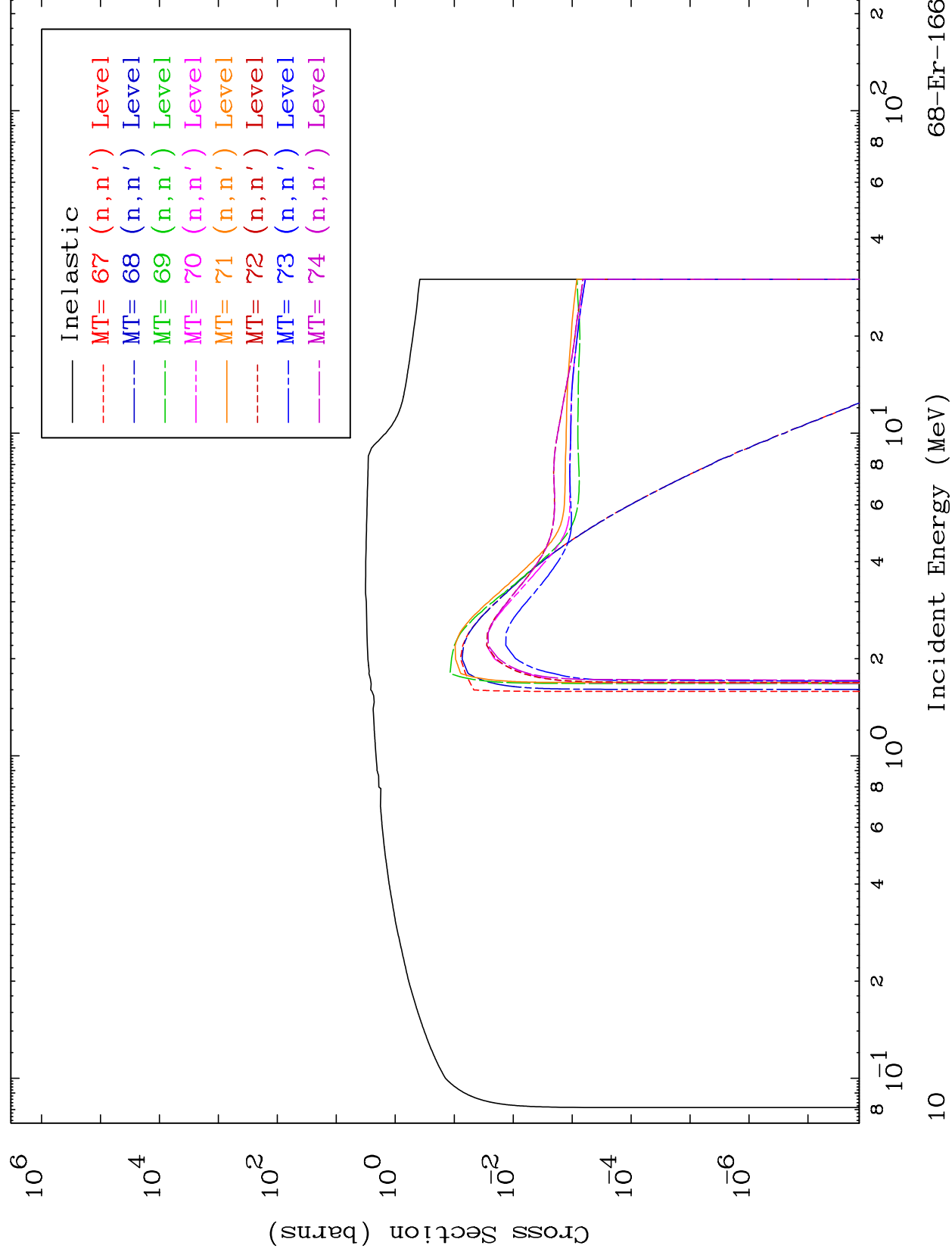




MAT 6837

(n, n') Levels

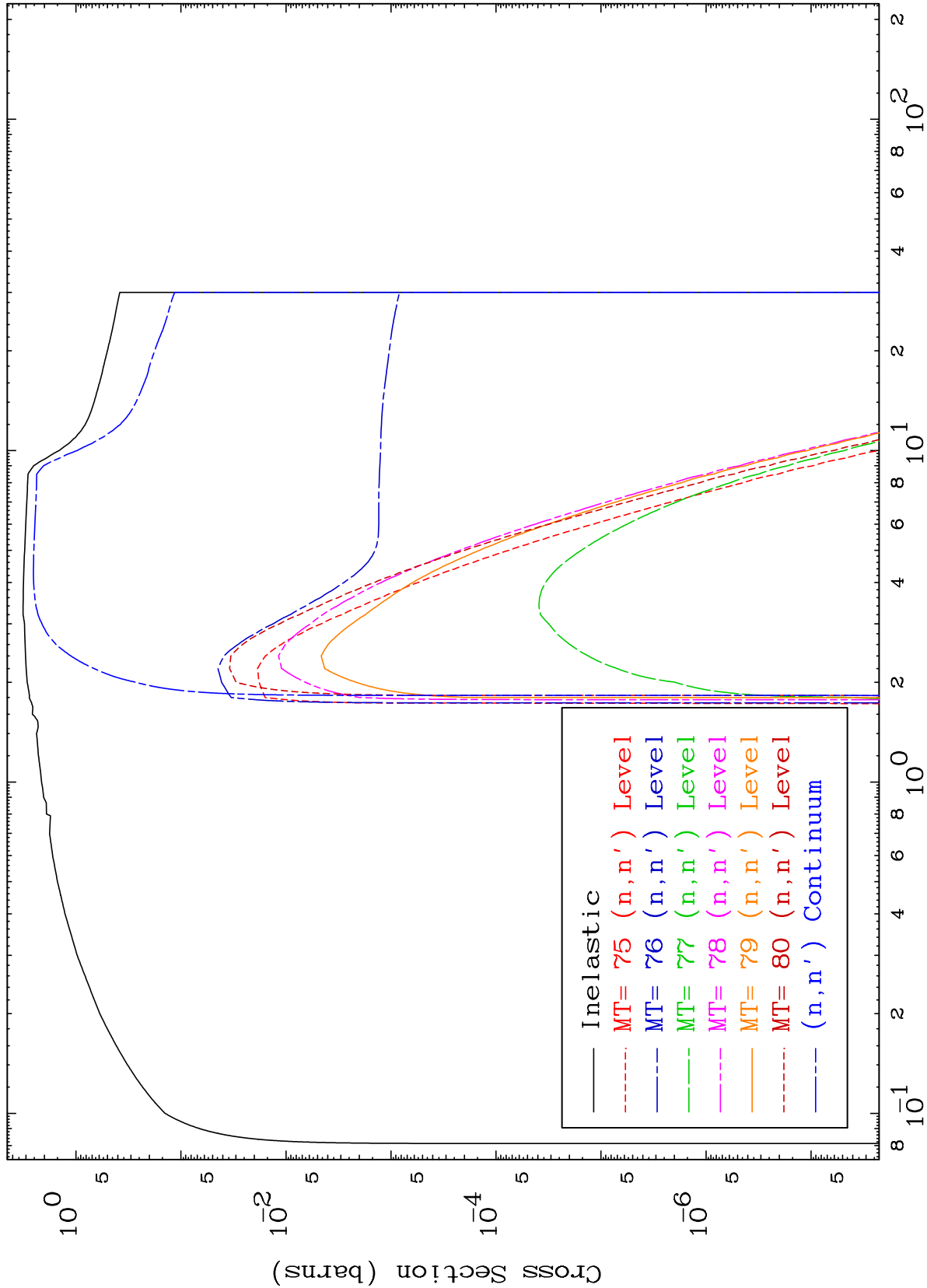
68-Er-166



MAT 6837

68-Er-166

(n,n') Levels
293 Kelvin Cross Sections



68-Er-166

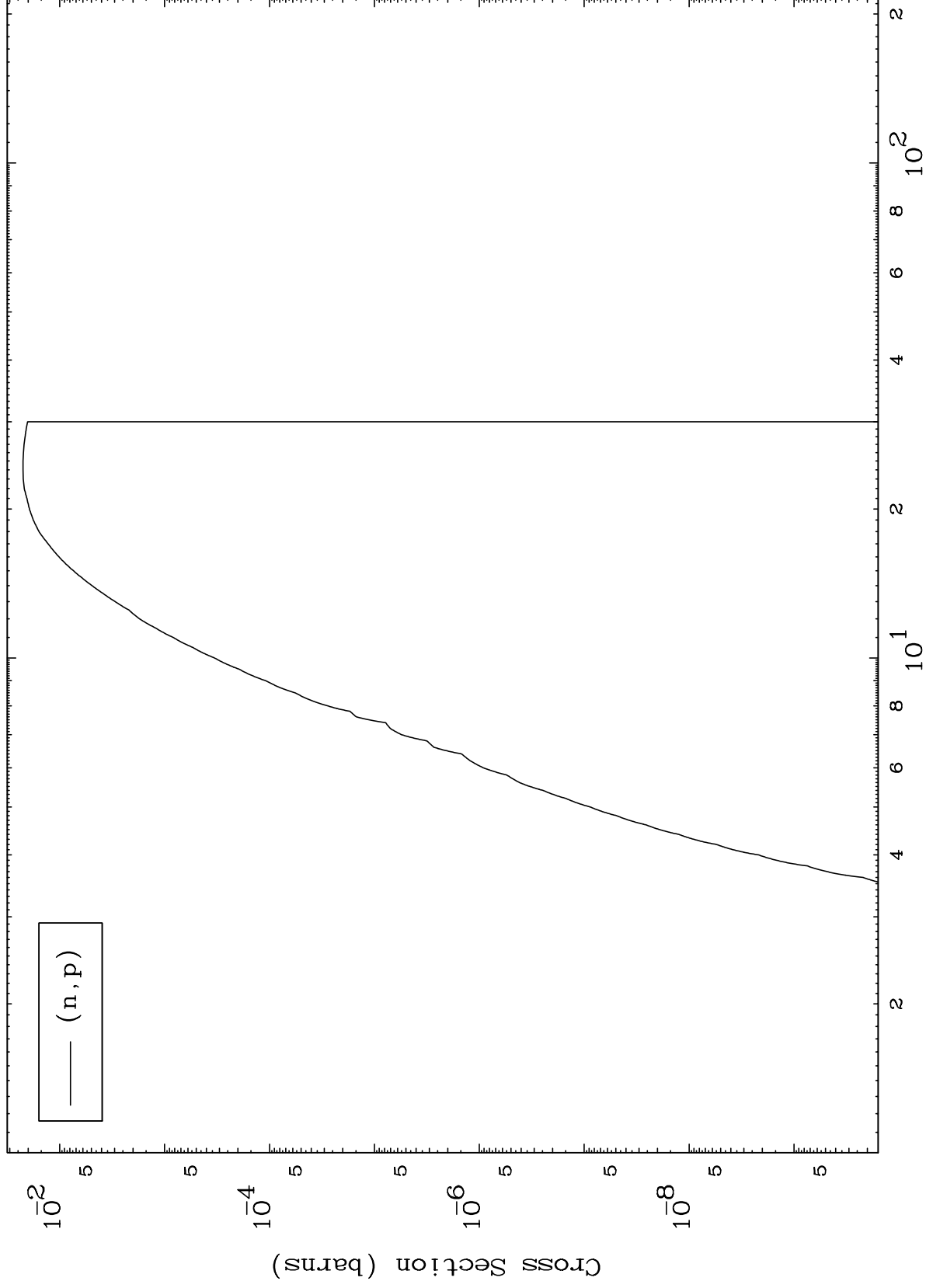
Incident Energy (MeV)

11

MAT 6837

68-Er-166

(n,p) Levels
293 Kelvin Cross Sections



12

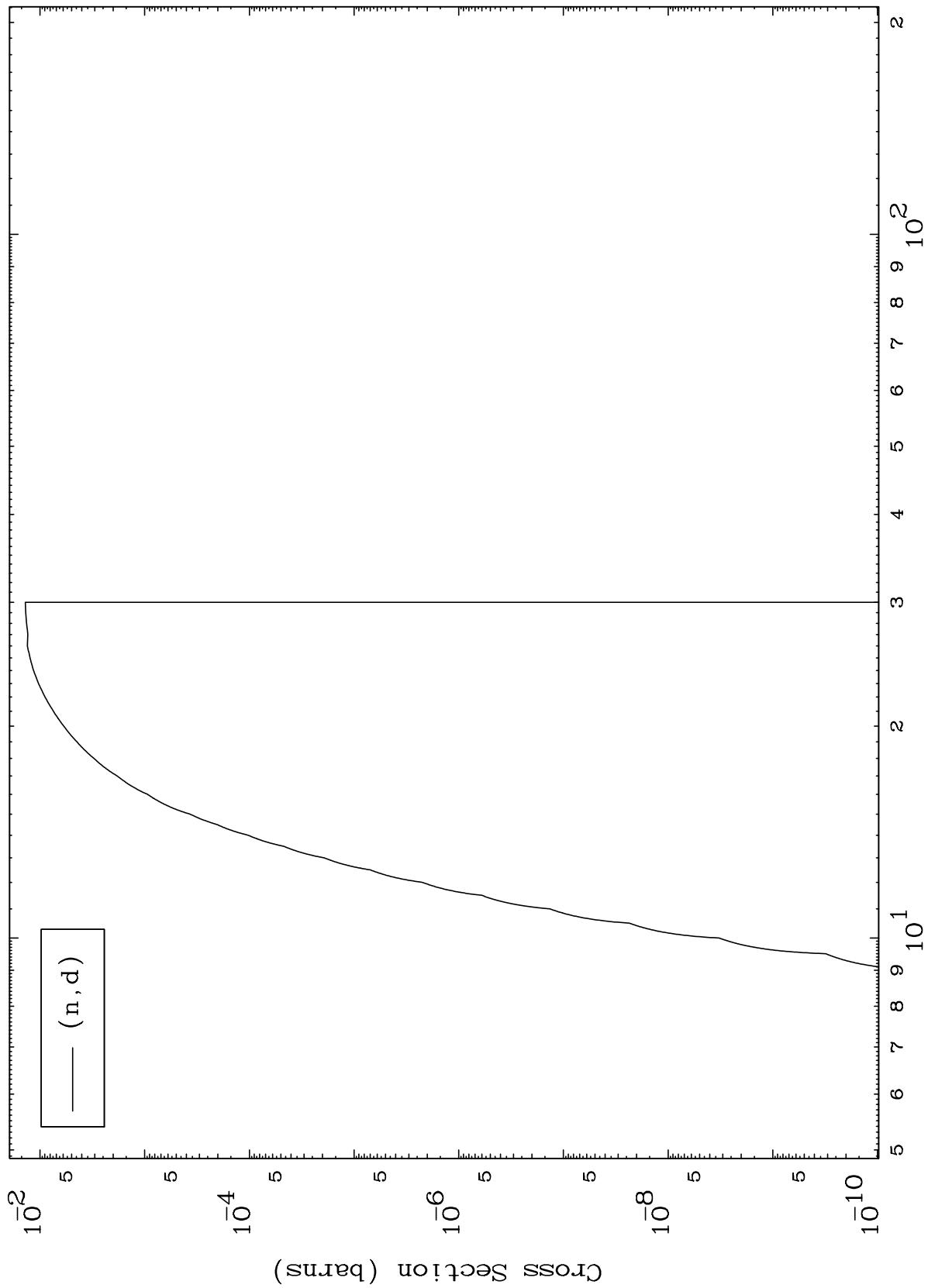
Incident Energy (MeV)

68-Er-166

MAT 6837

68-Er-166

(n,d) Levels
293 Kelvin Cross Sections



68-Er-166

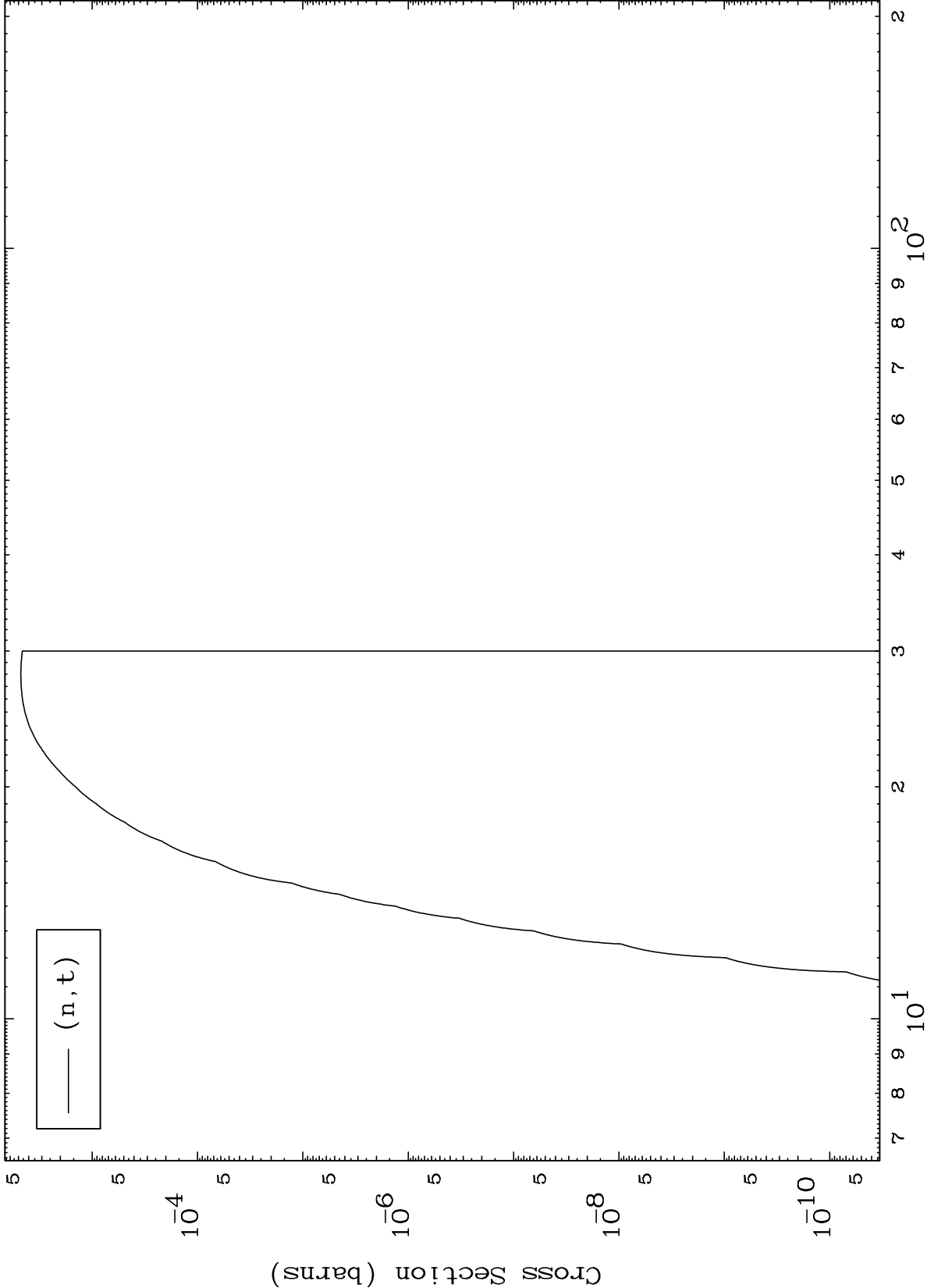
Incident Energy (MeV)

13

MAT 6837

(n,t) Levels
293 Kelvin Cross Sections

68-Er-166



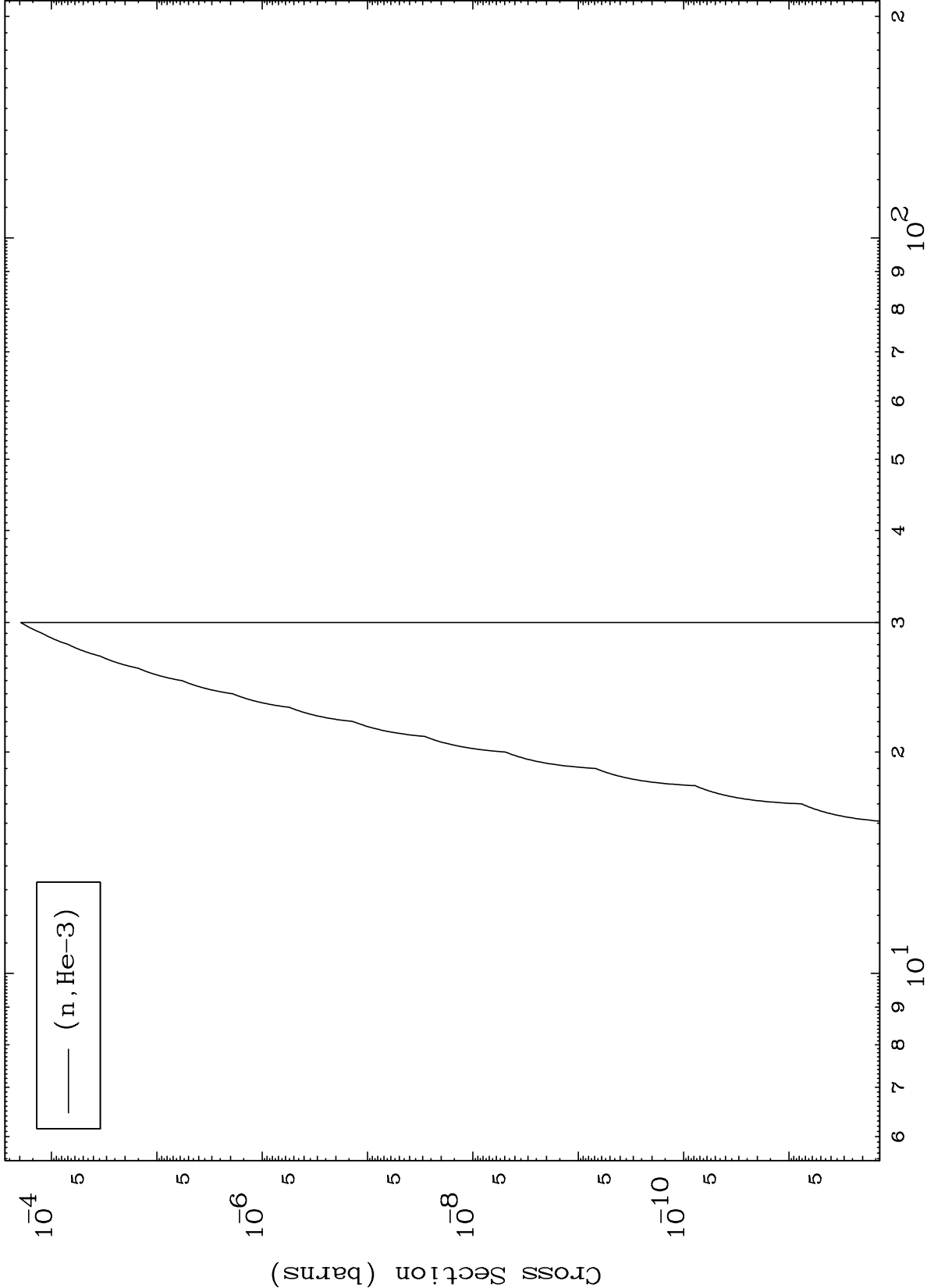
Incident Energy (MeV)

68-Er-166

MAT 6837

(n,He3) Levels
293 Kelvin Cross Sections

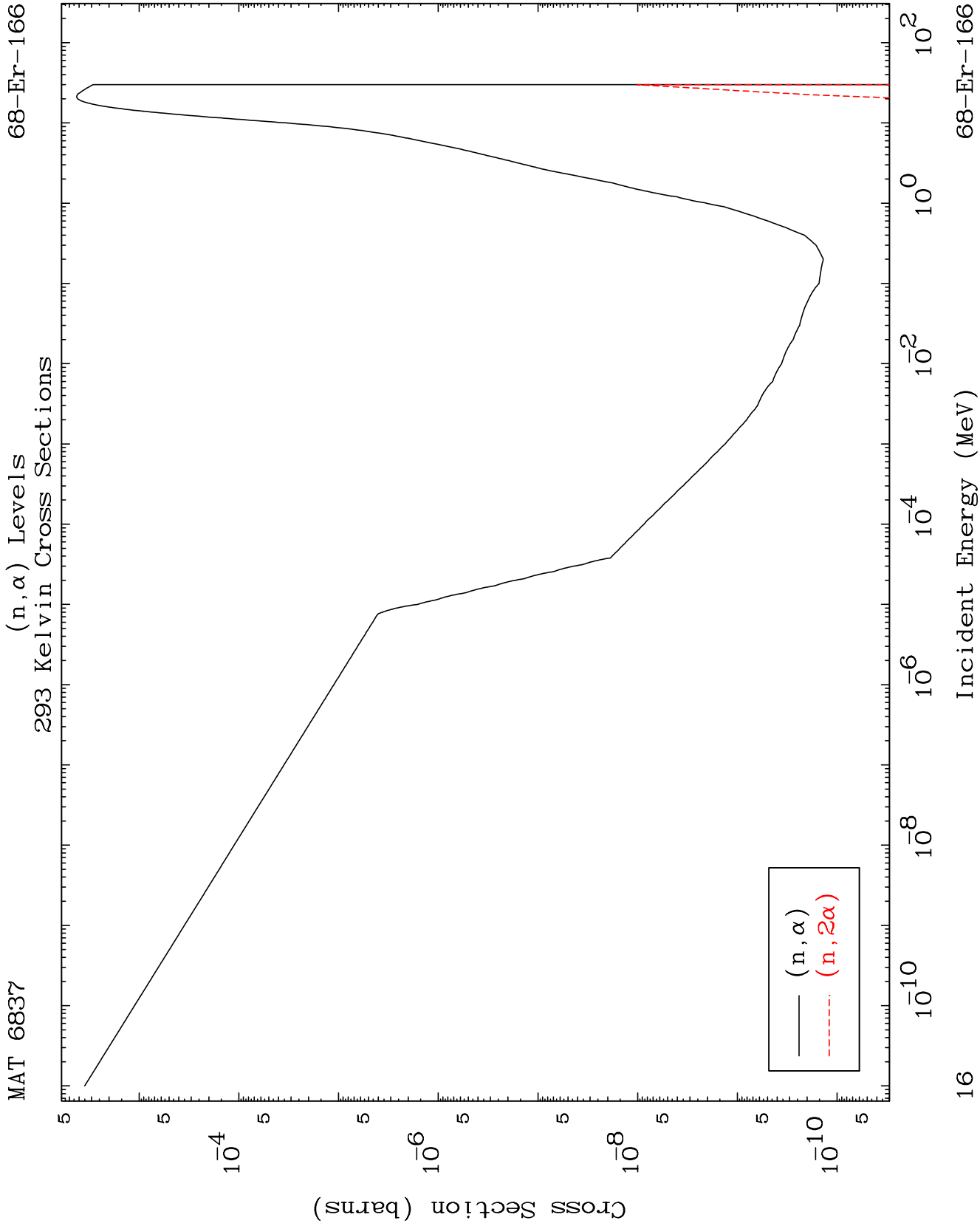
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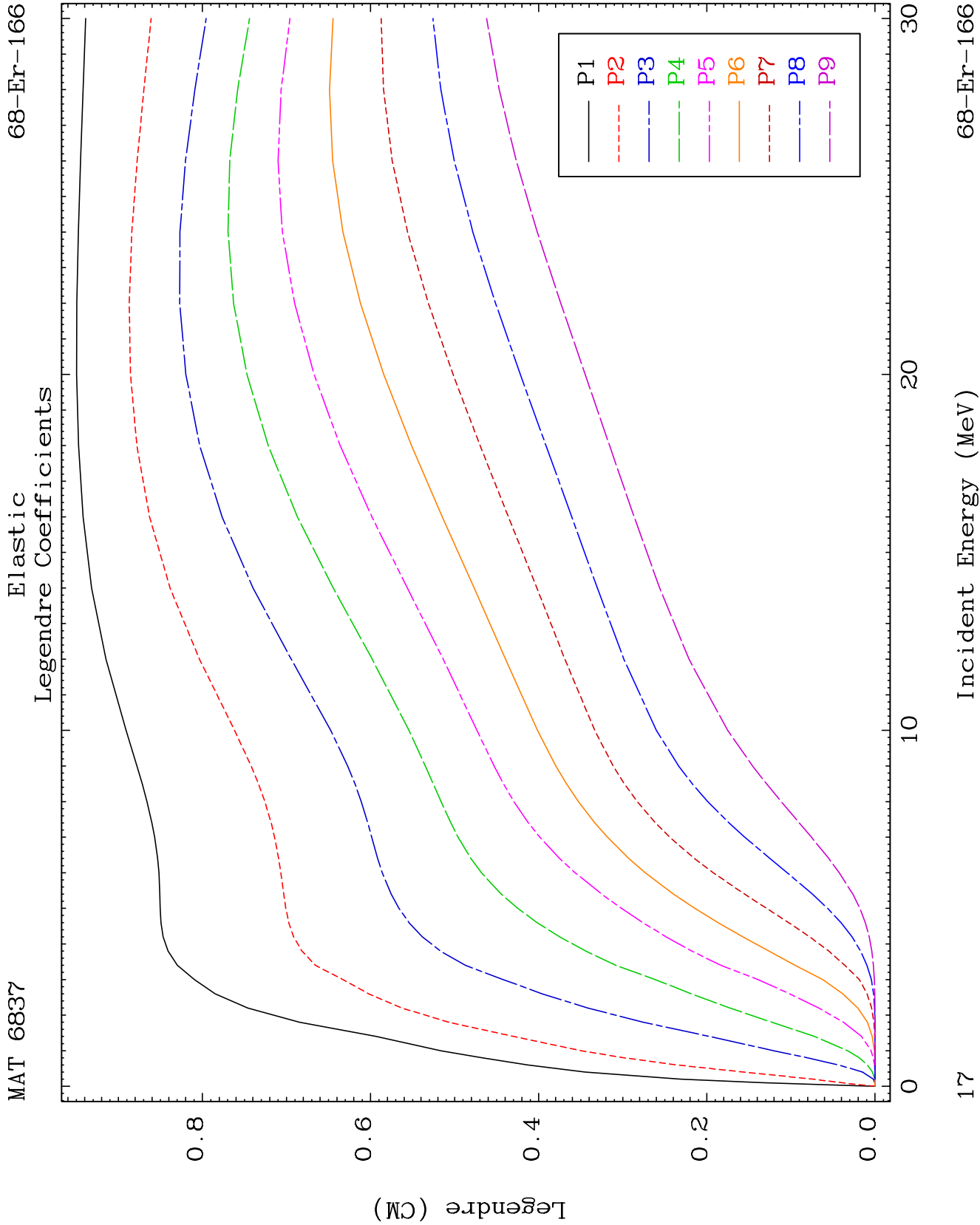


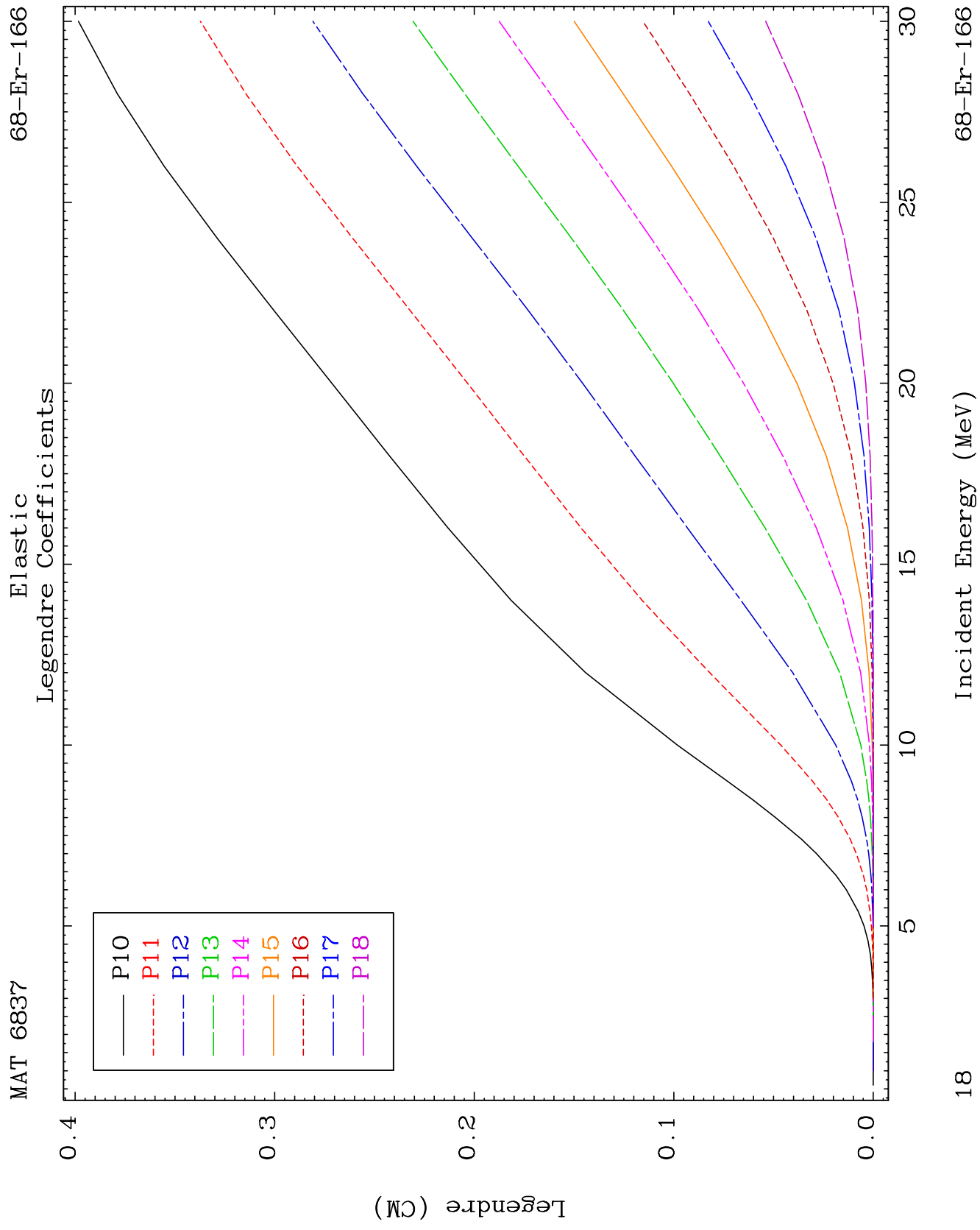
15

Incident Energy (MeV)

68-Er-166



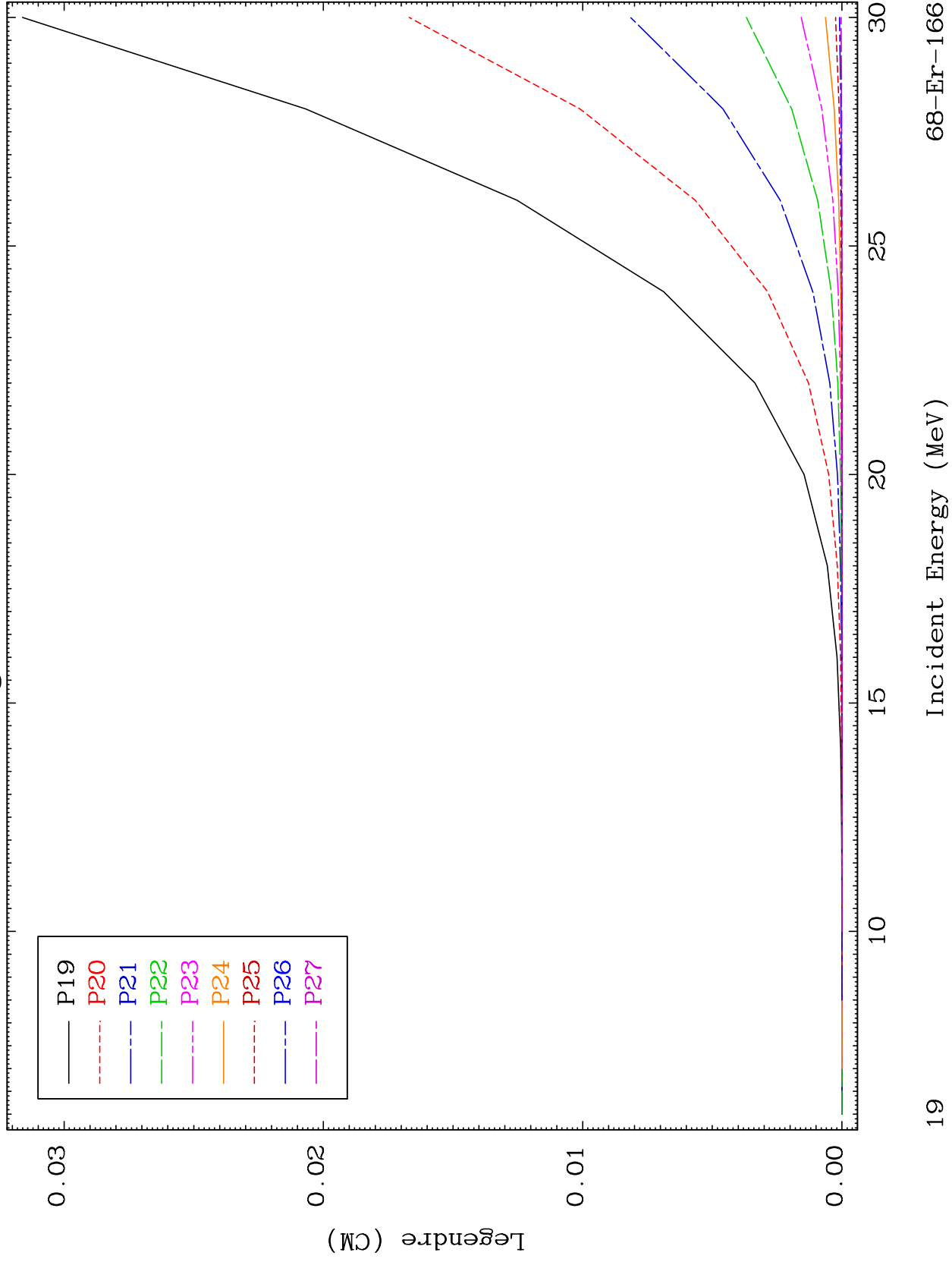


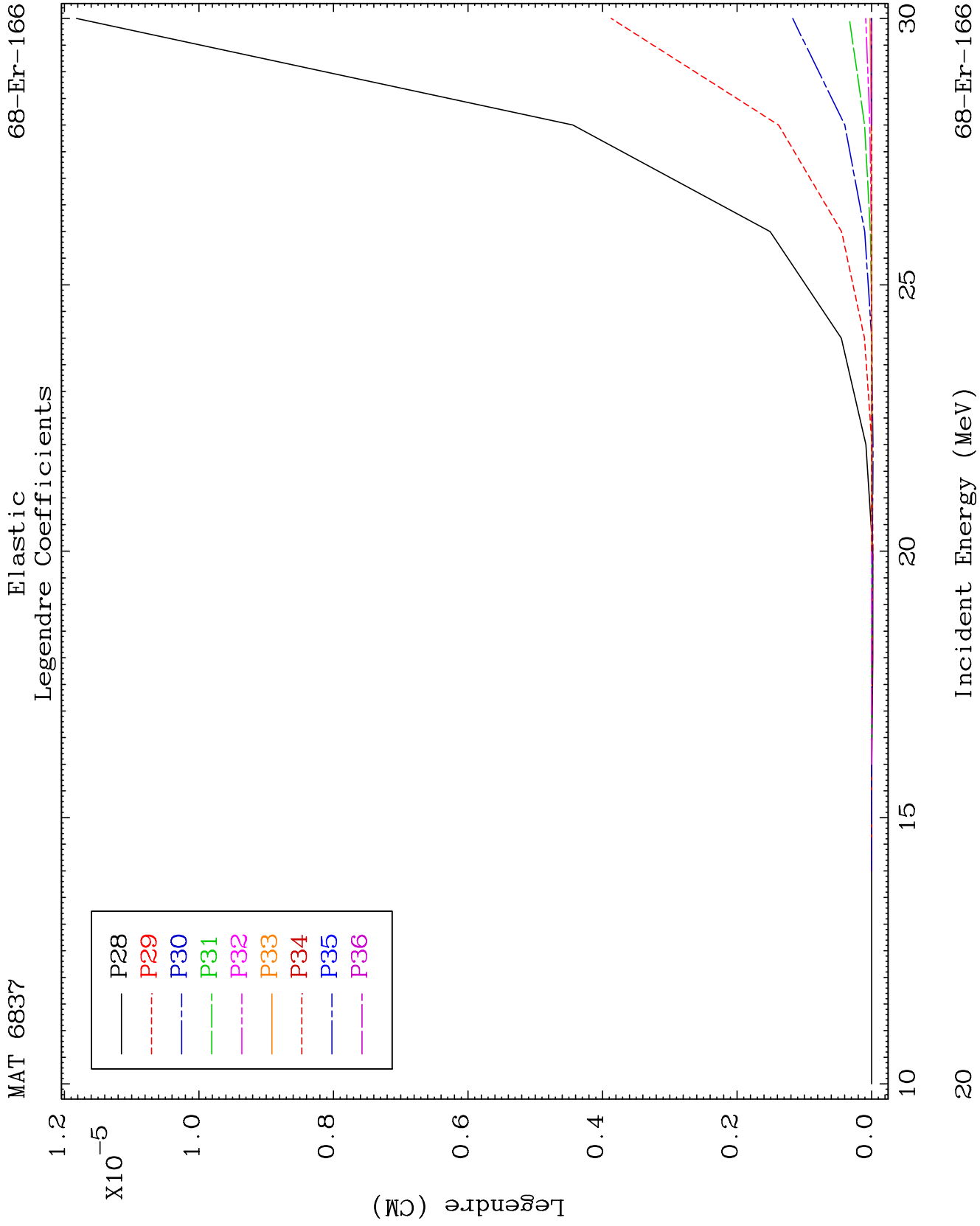


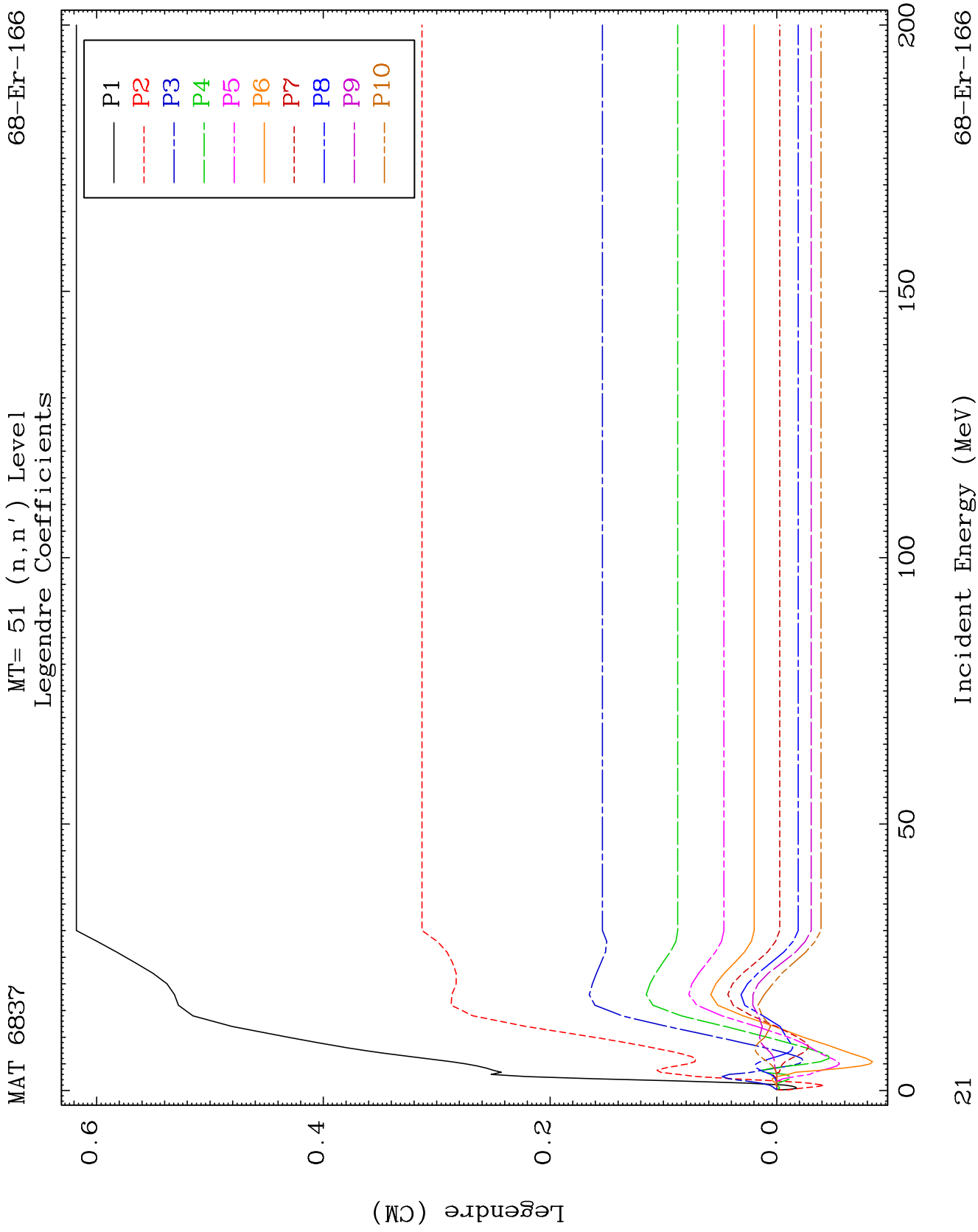
MAT 6837

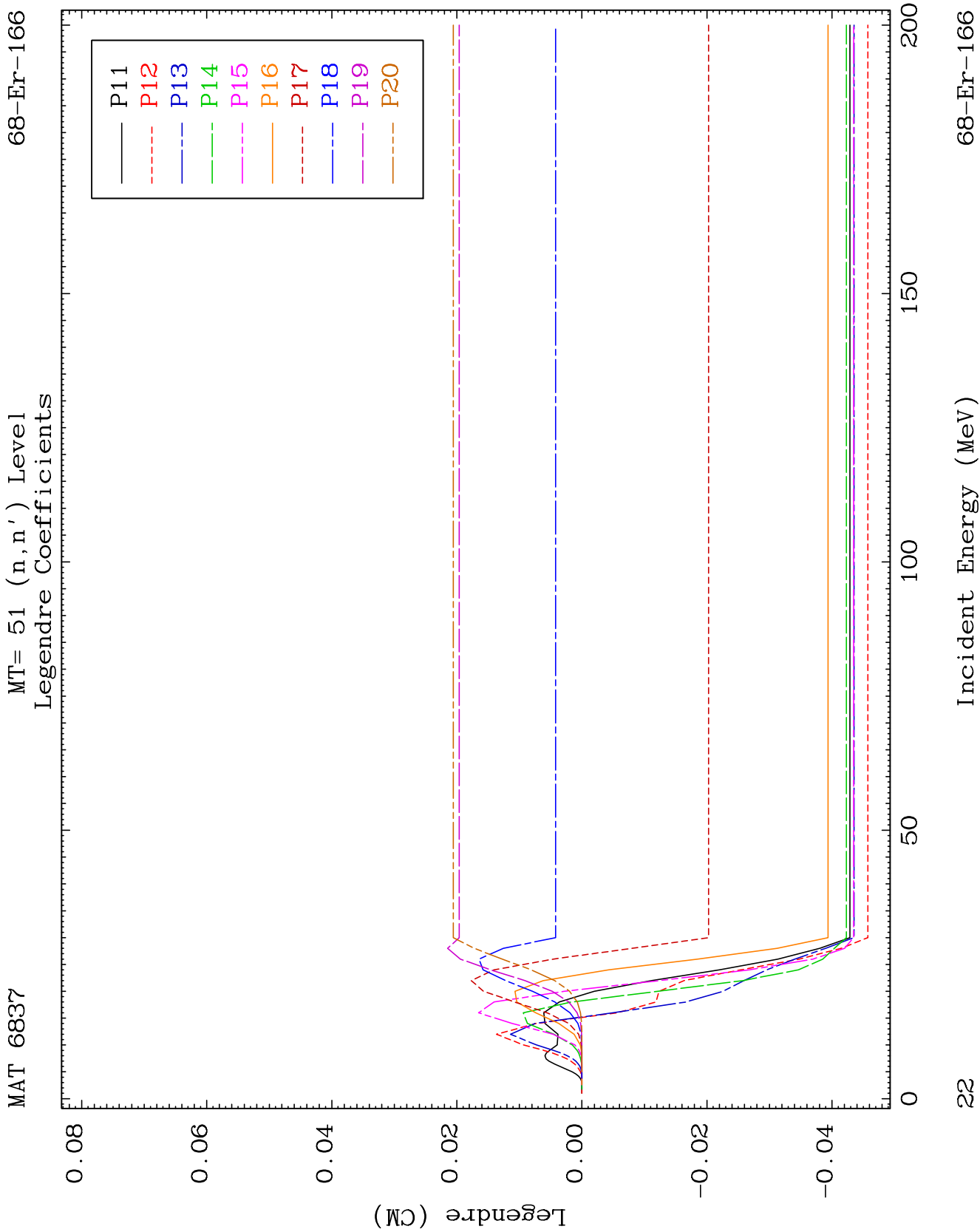
Elastic Legendre Coefficients

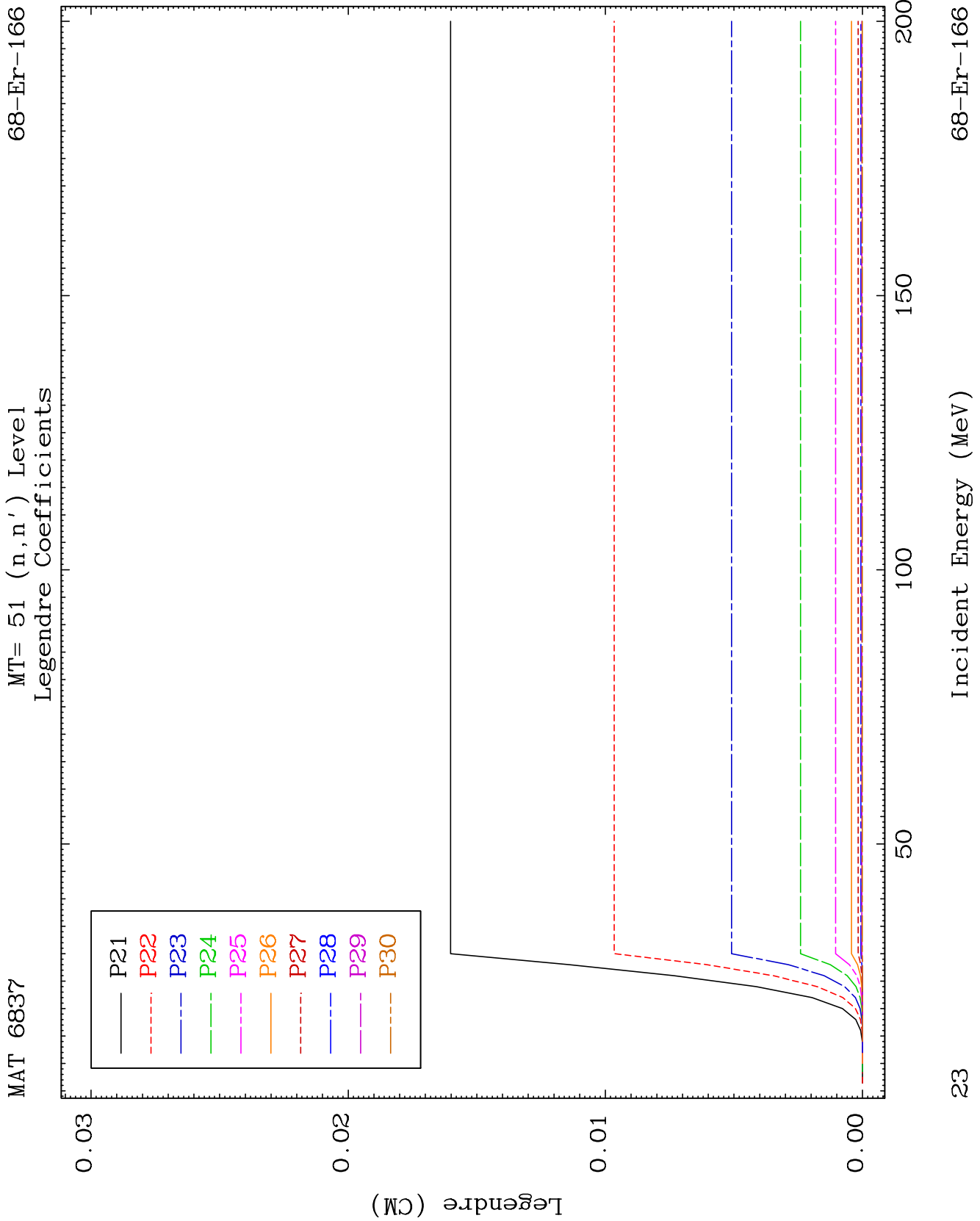
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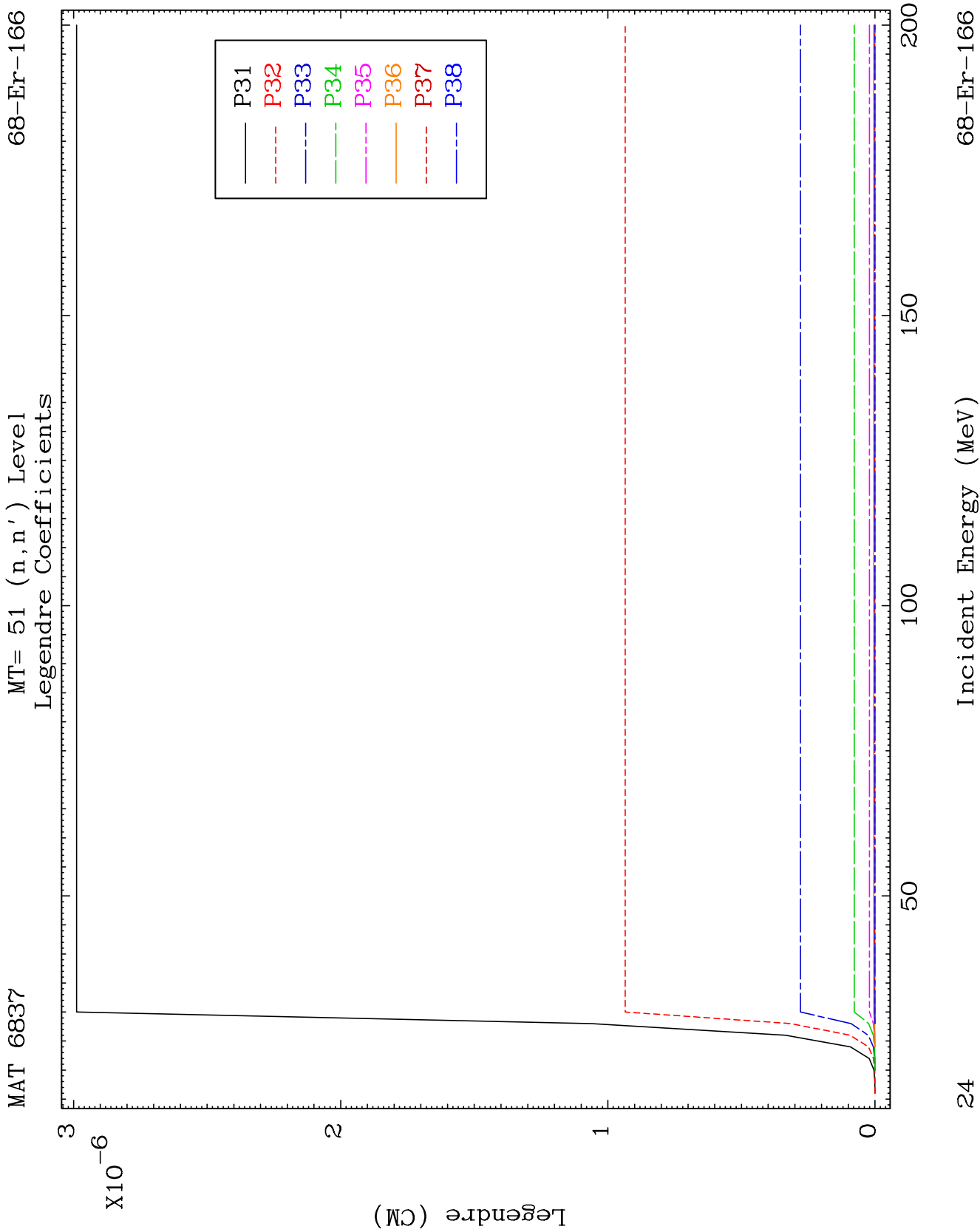


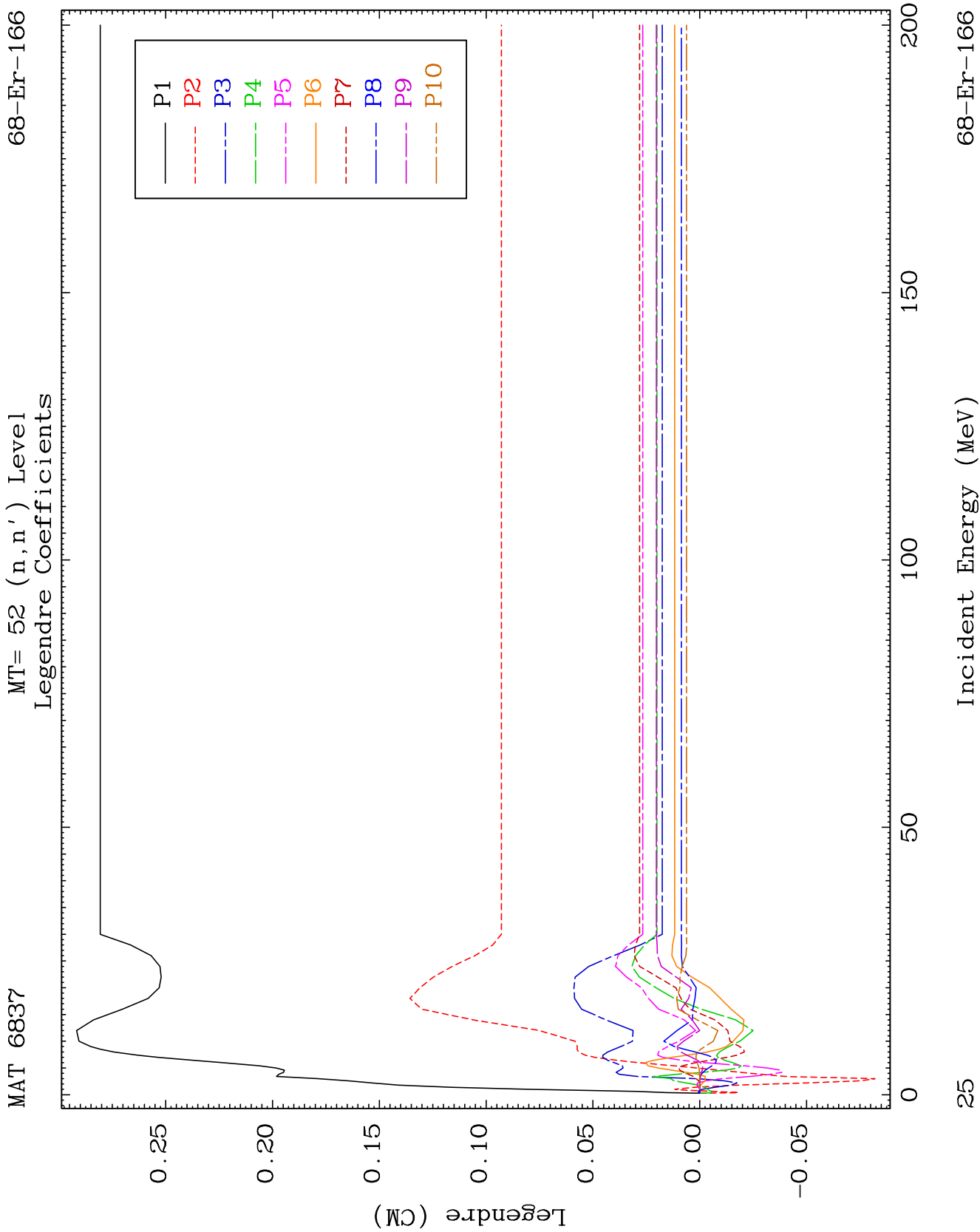








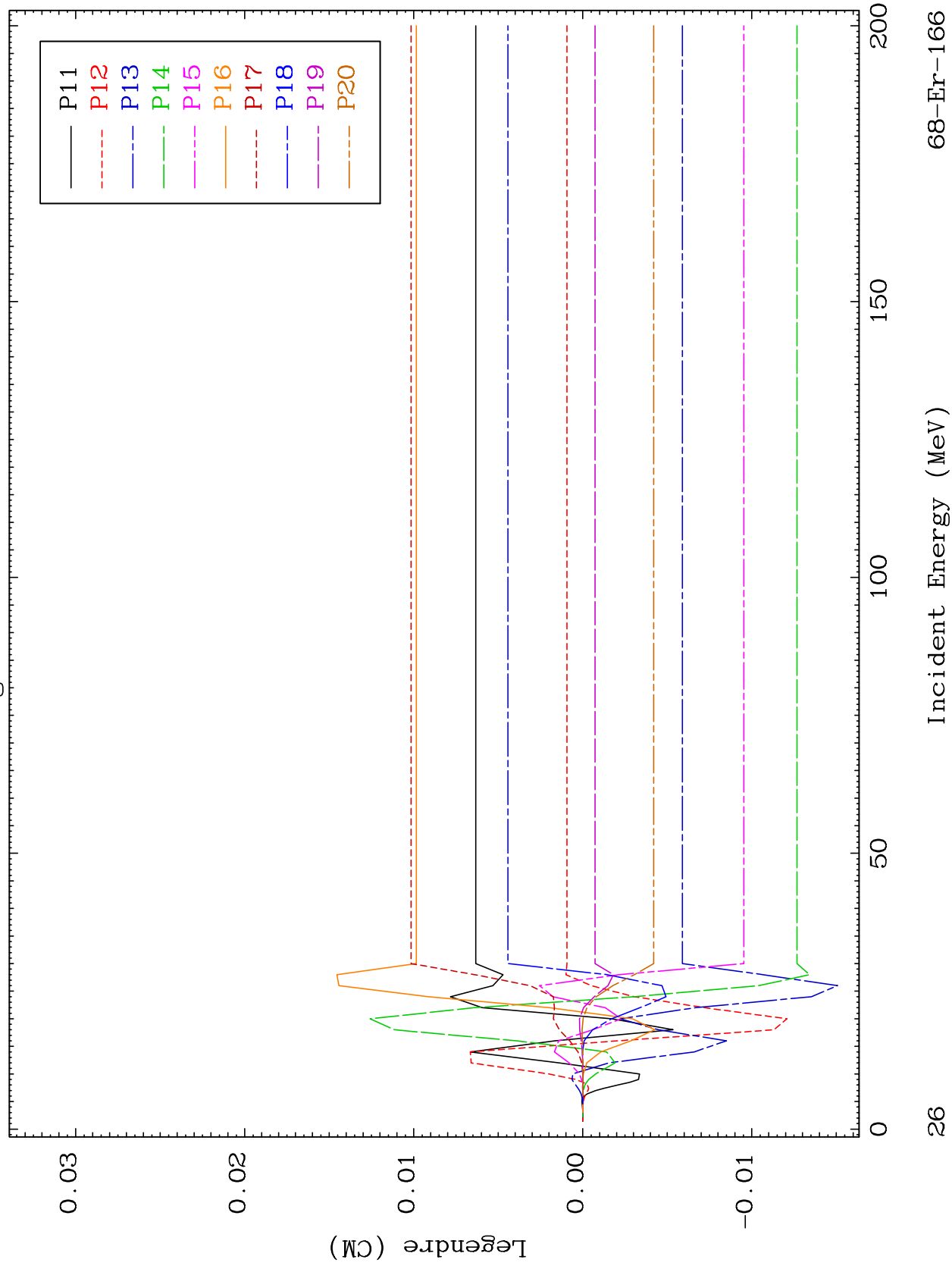


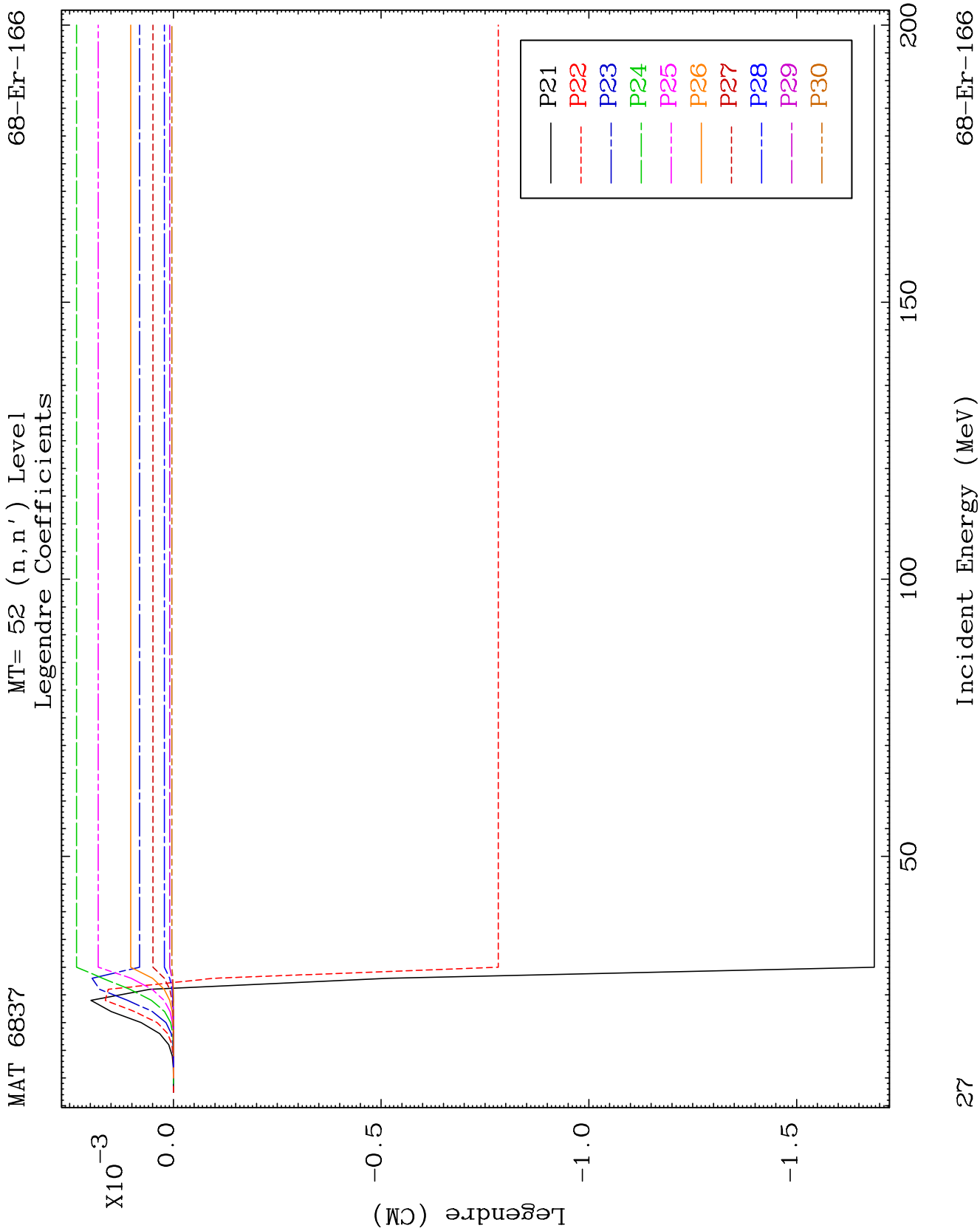


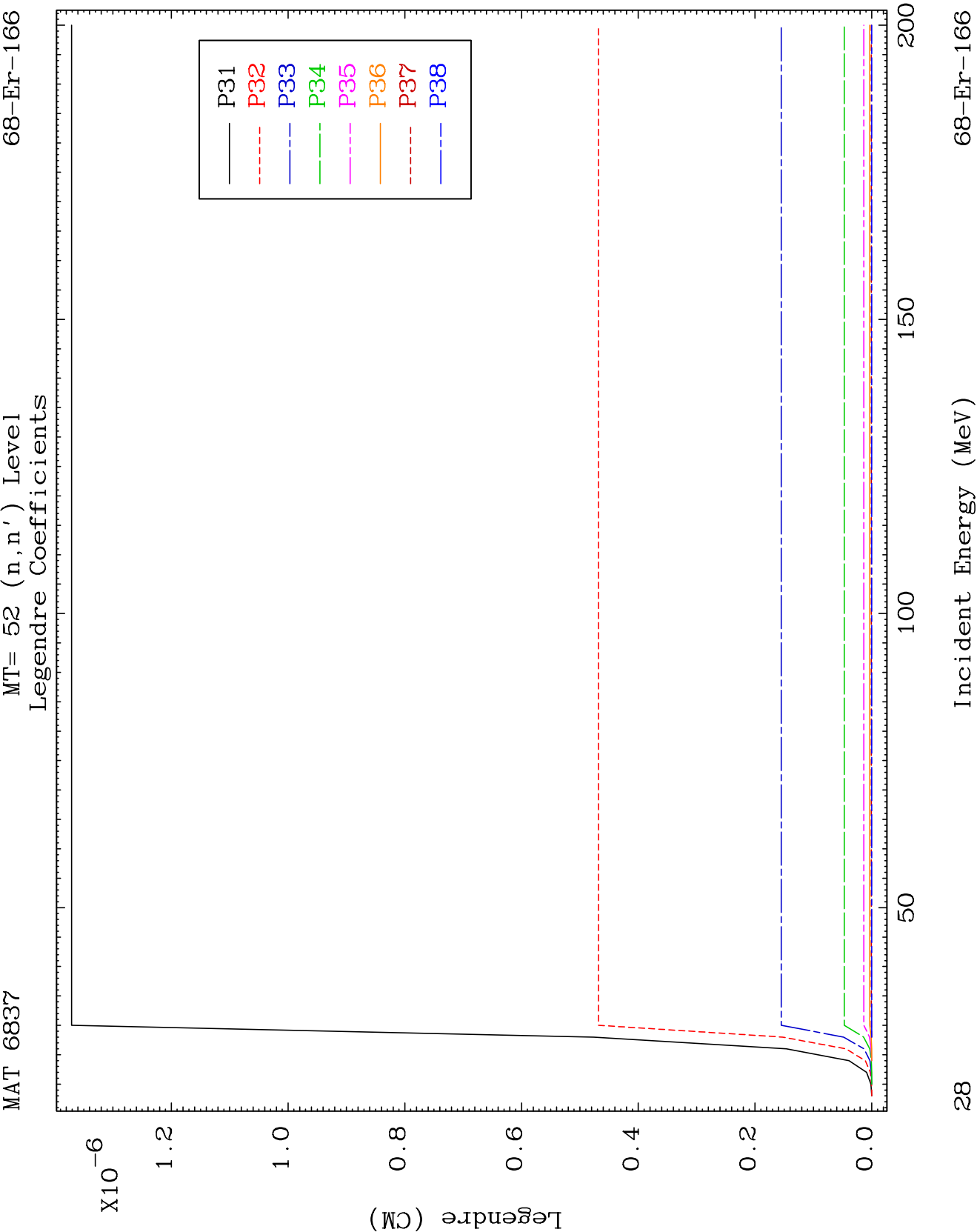
MAT 6837

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

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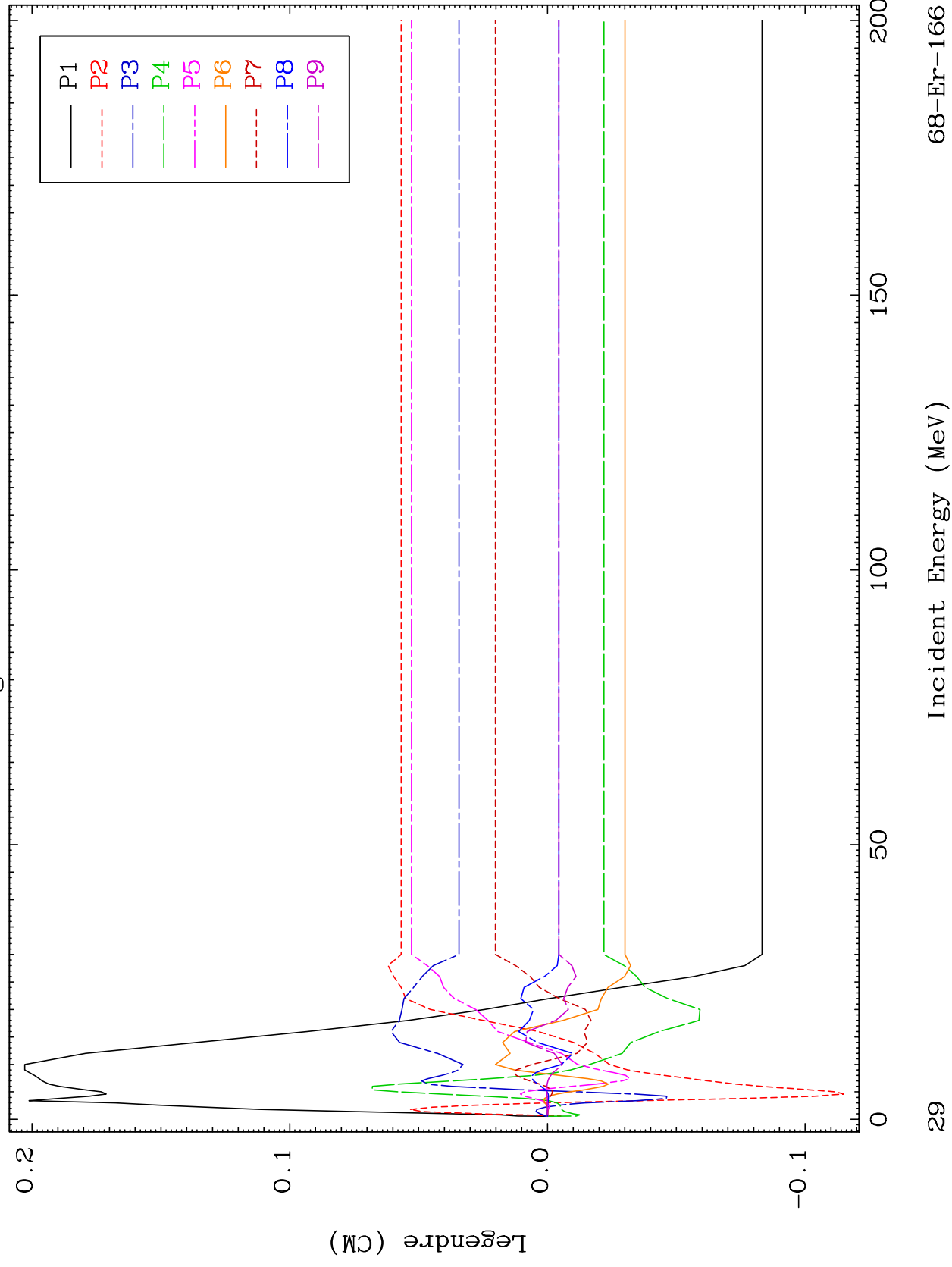


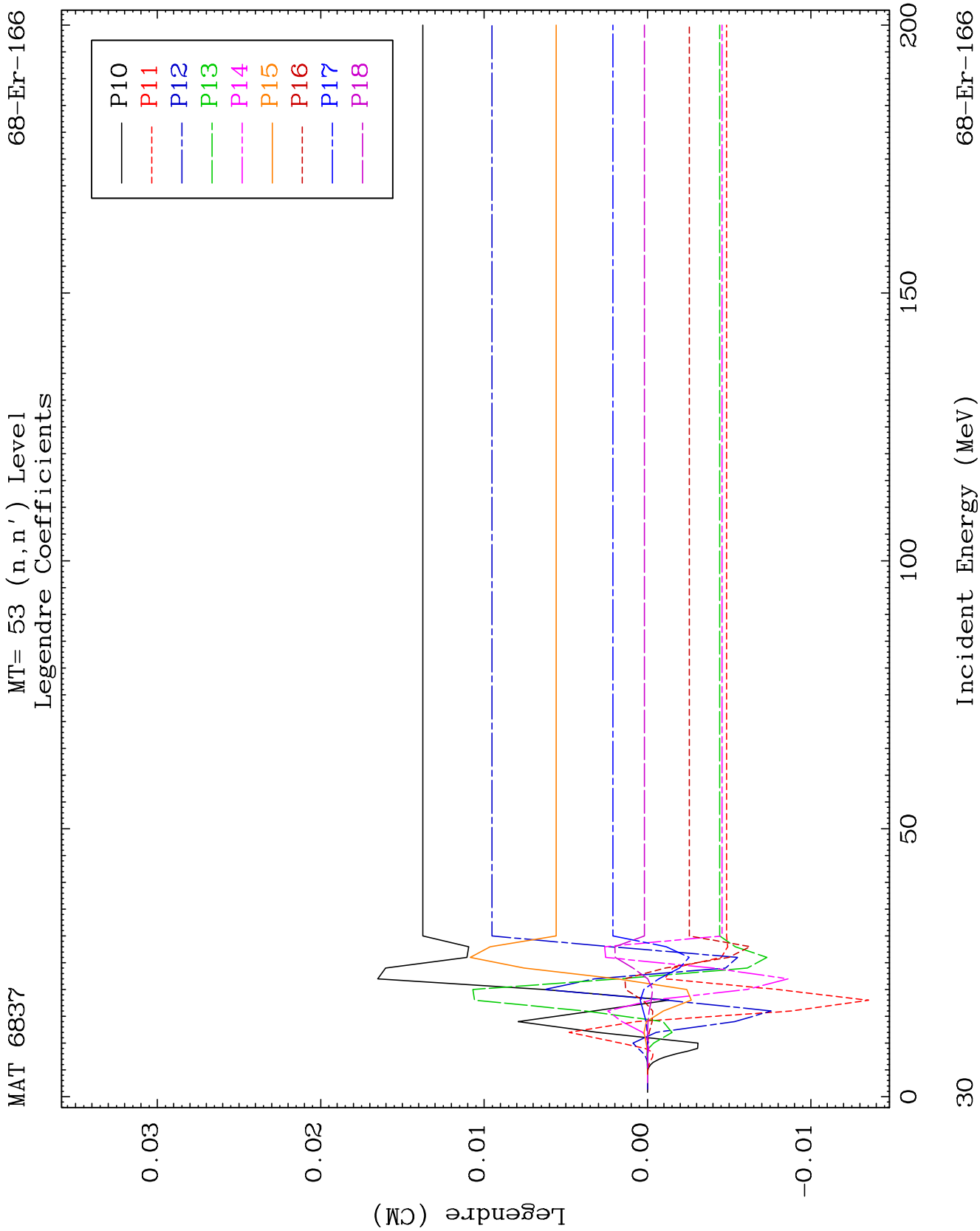


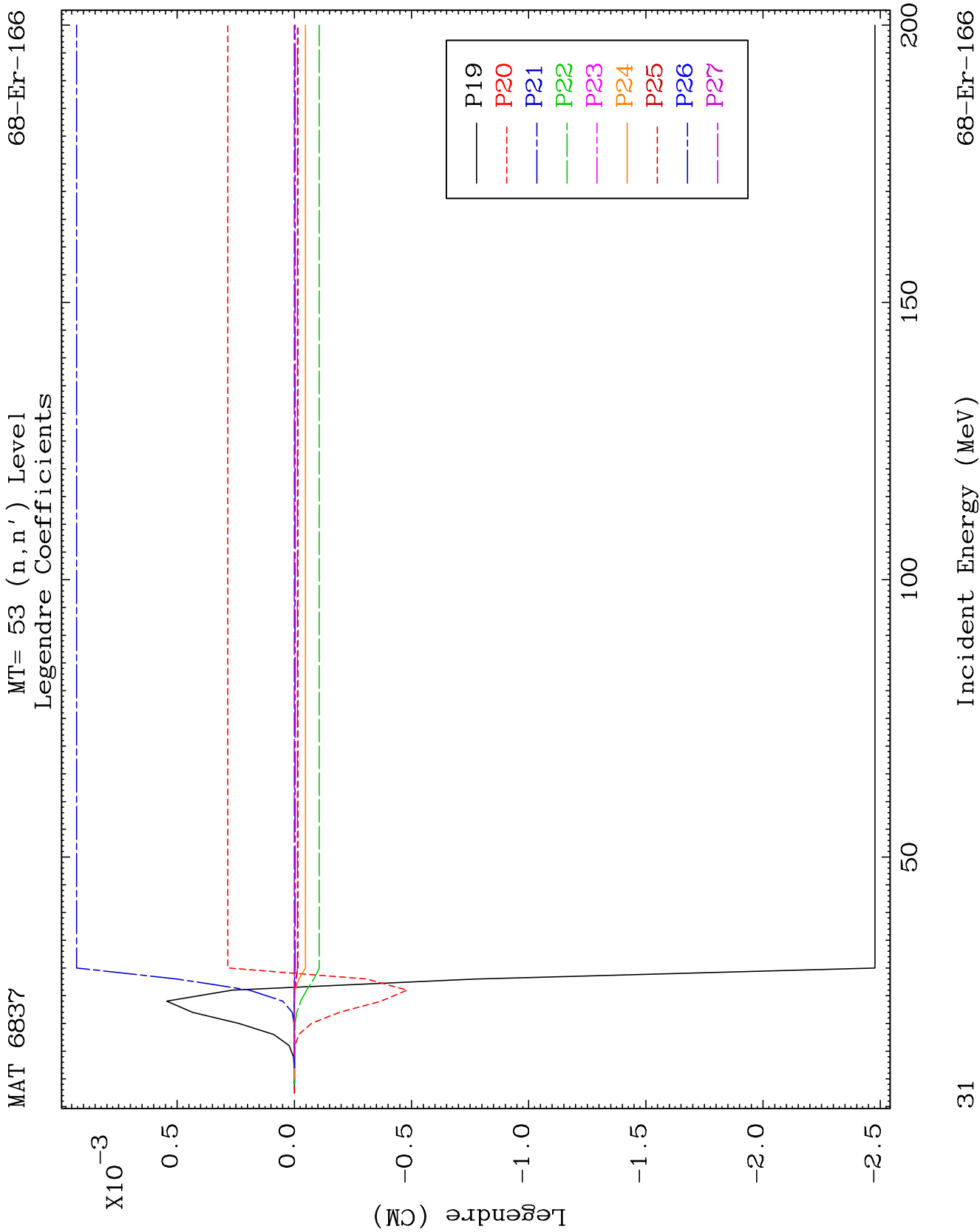
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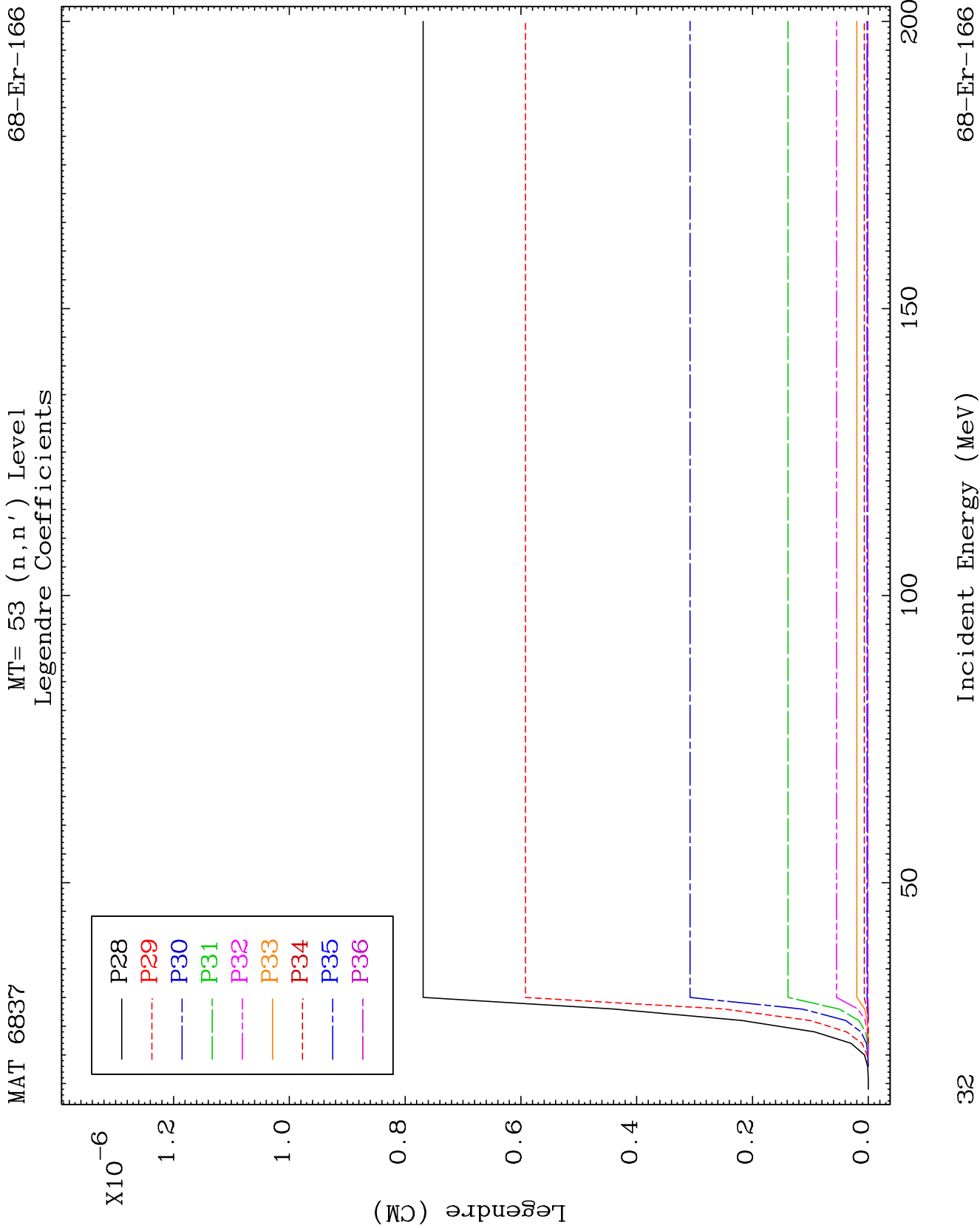
MT= 53 (n, n') Level
Legendre Coefficients

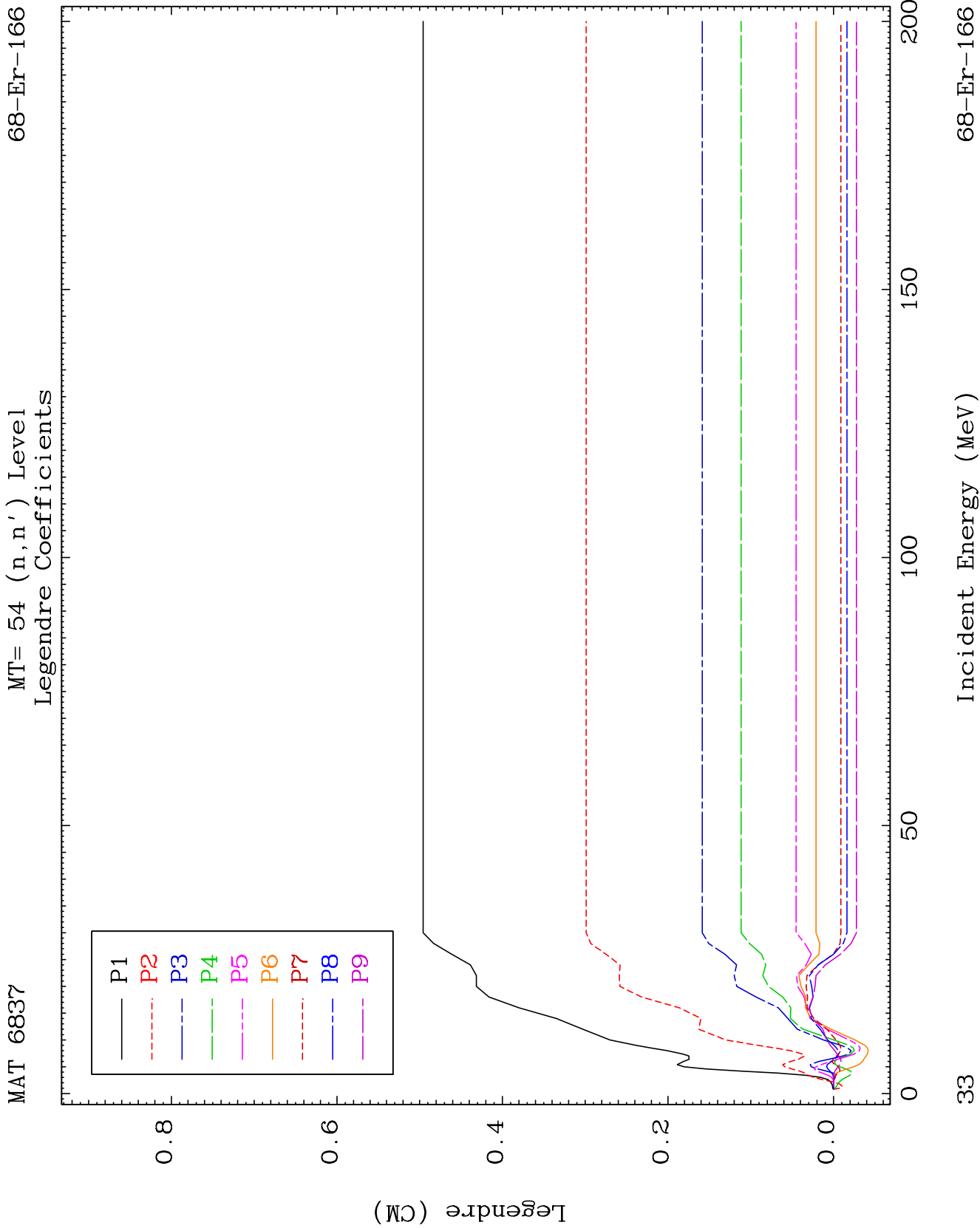
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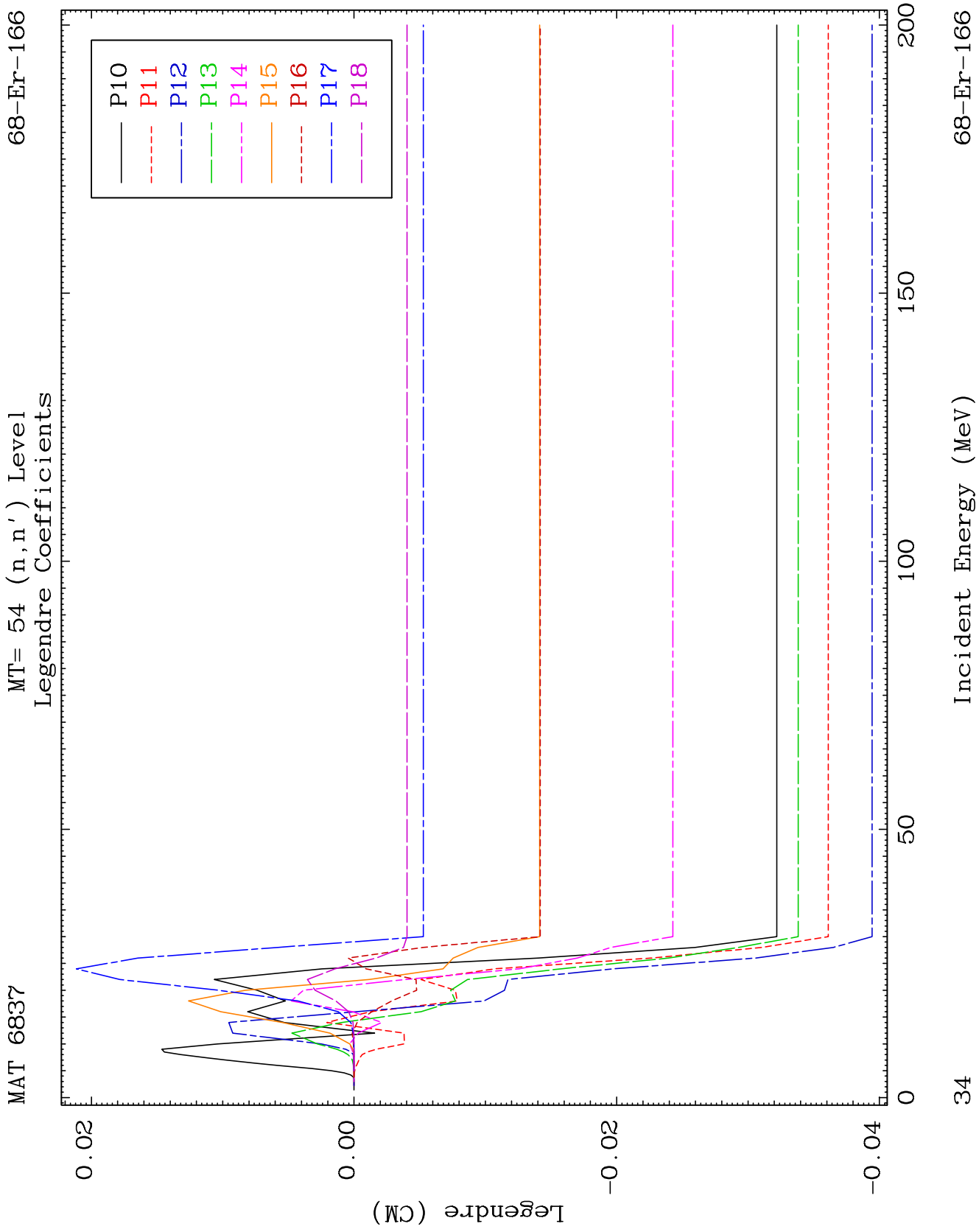


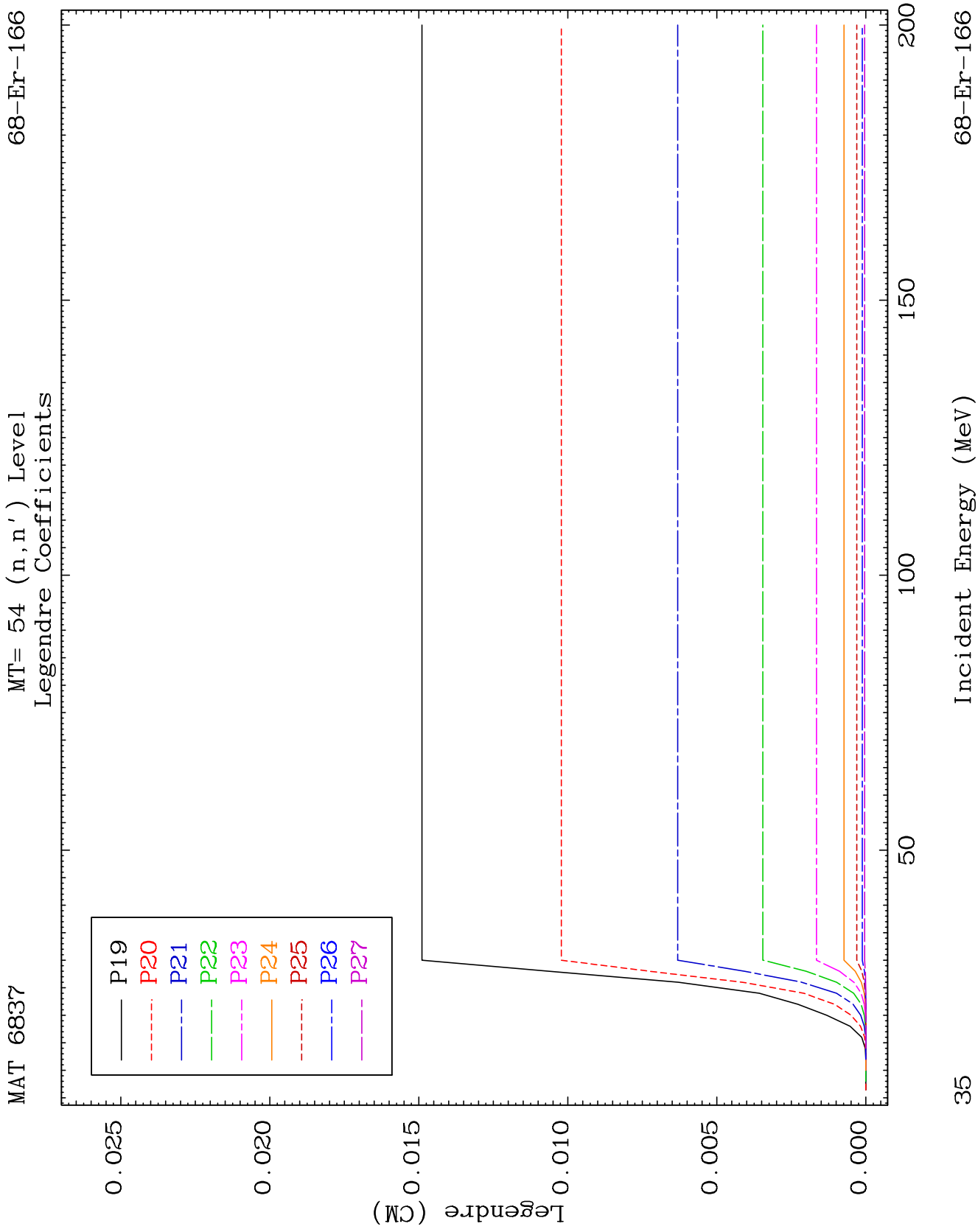


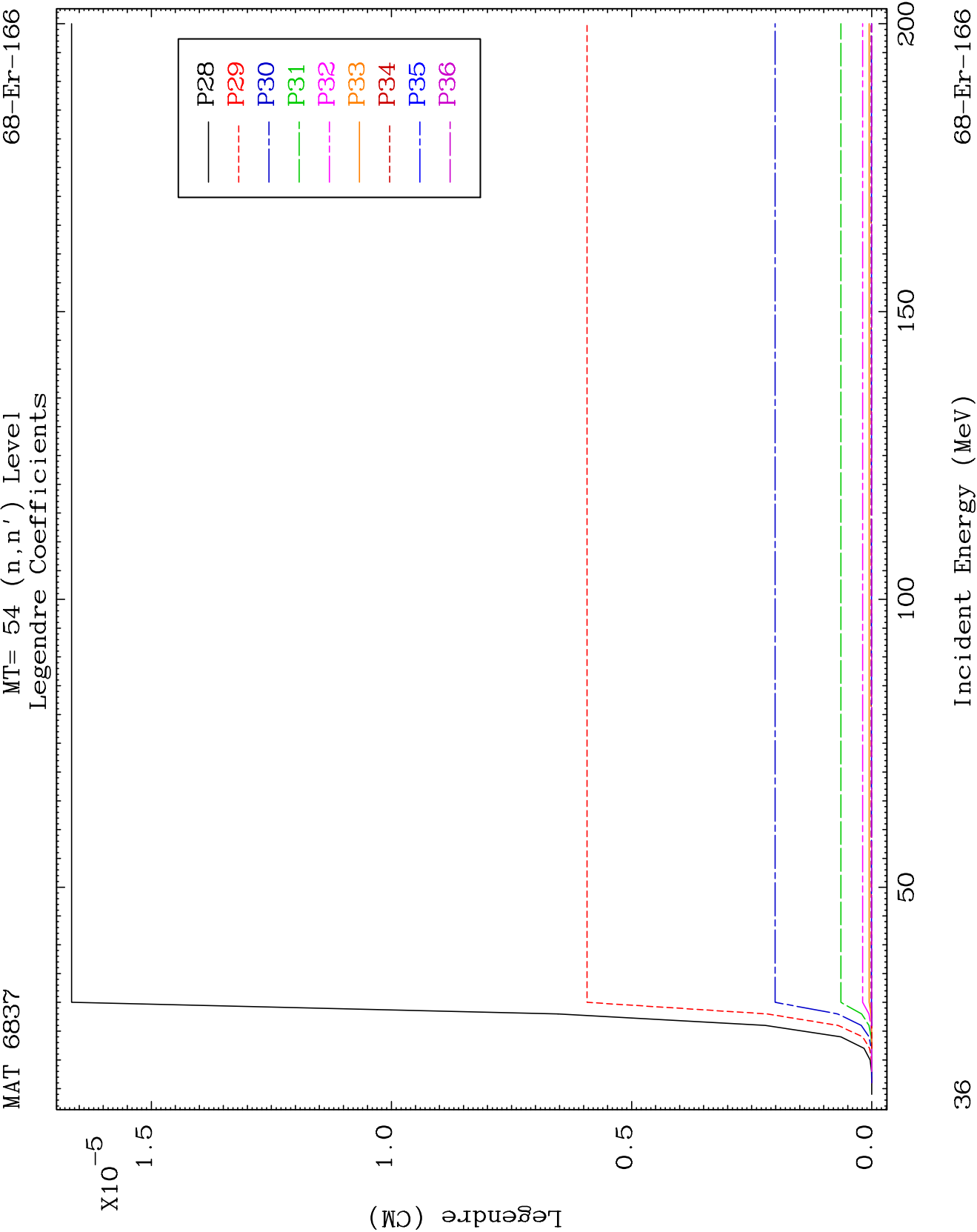


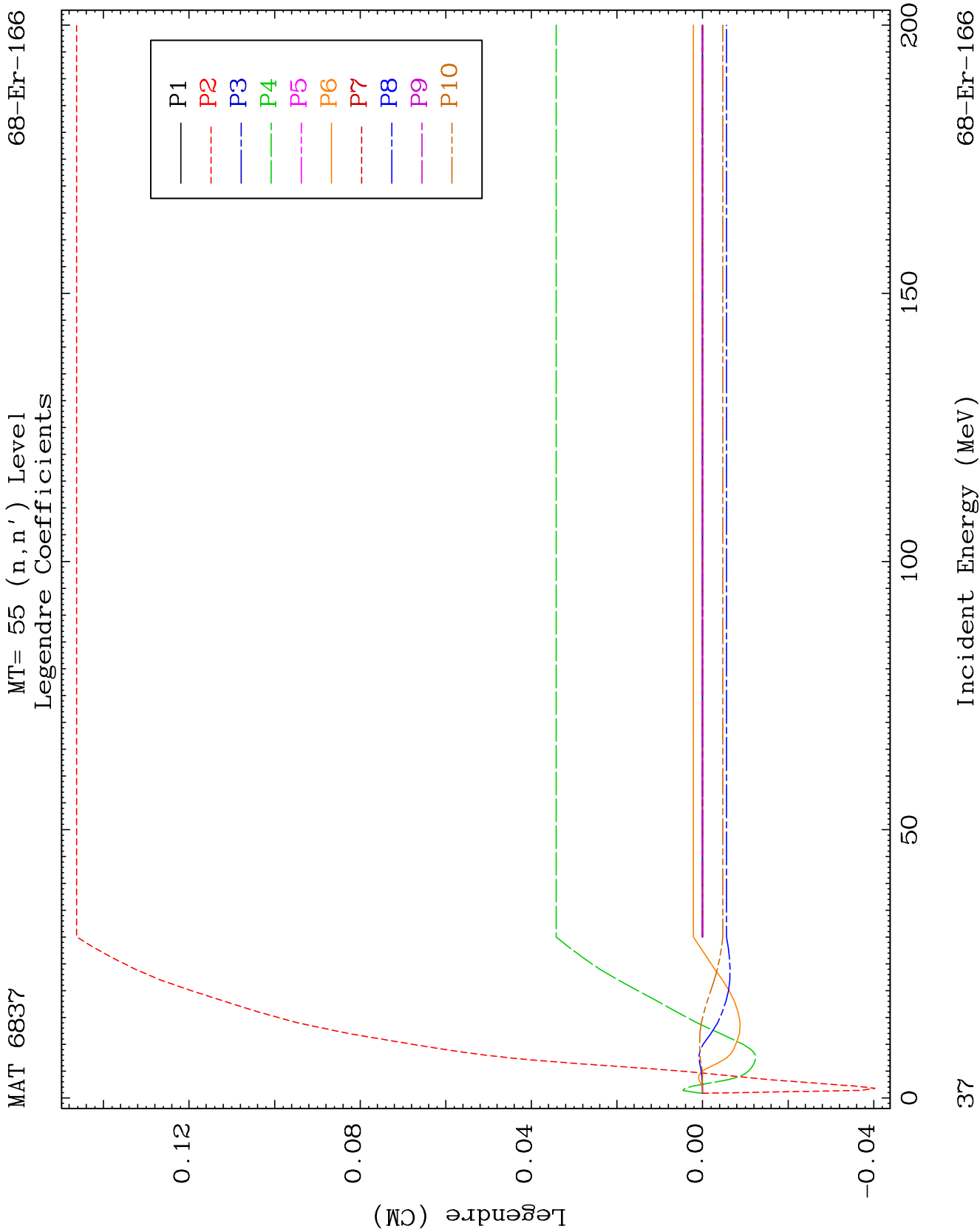


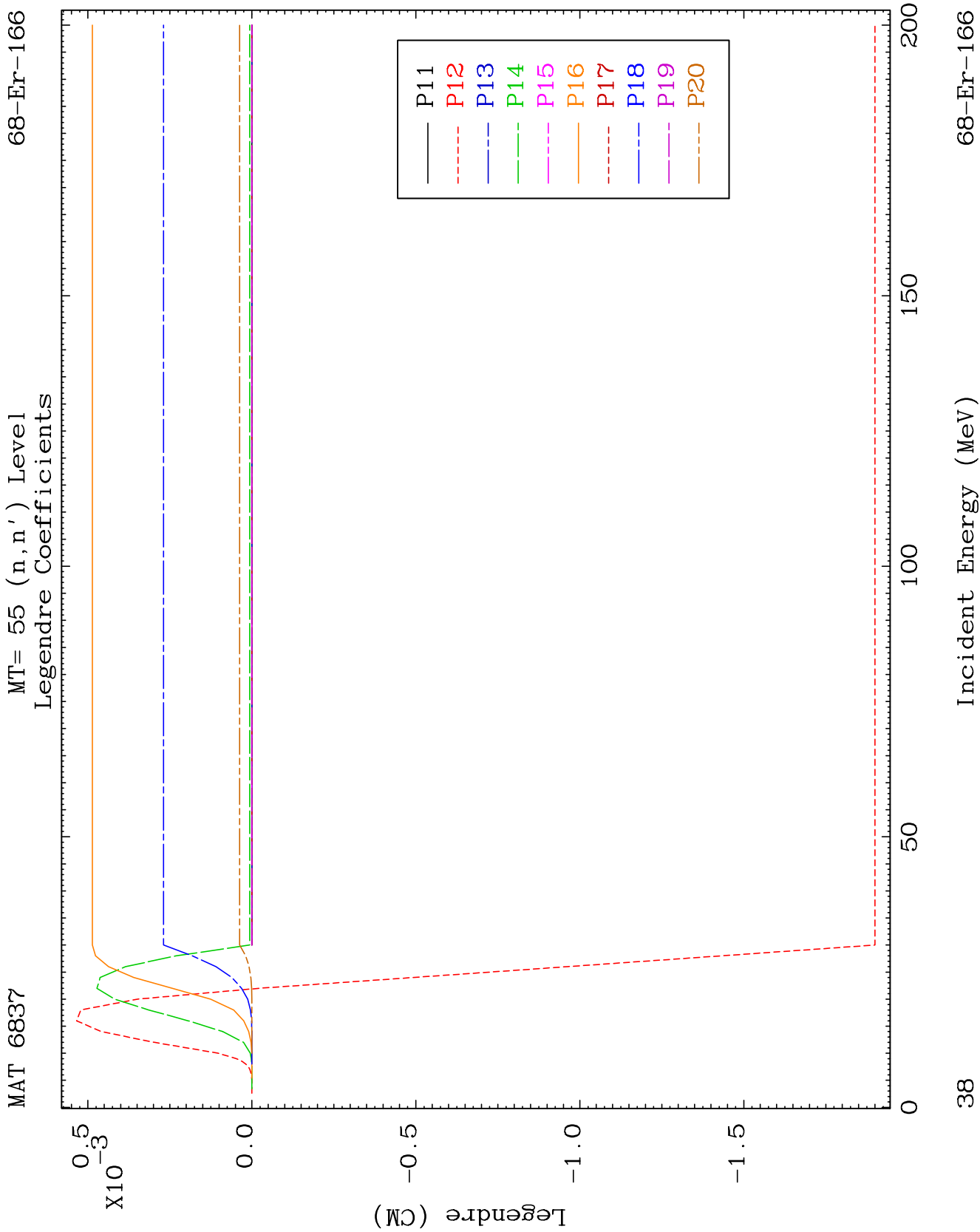


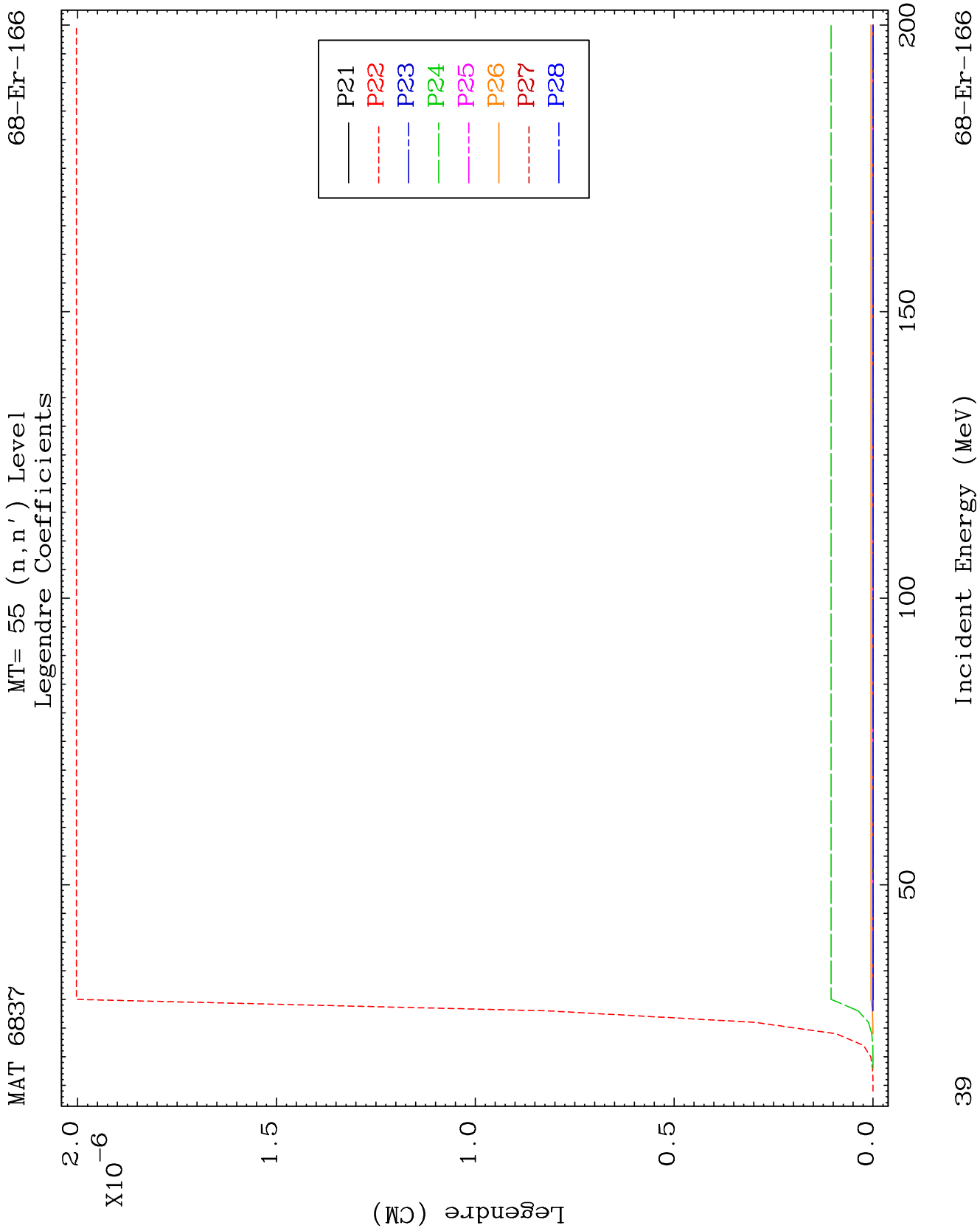








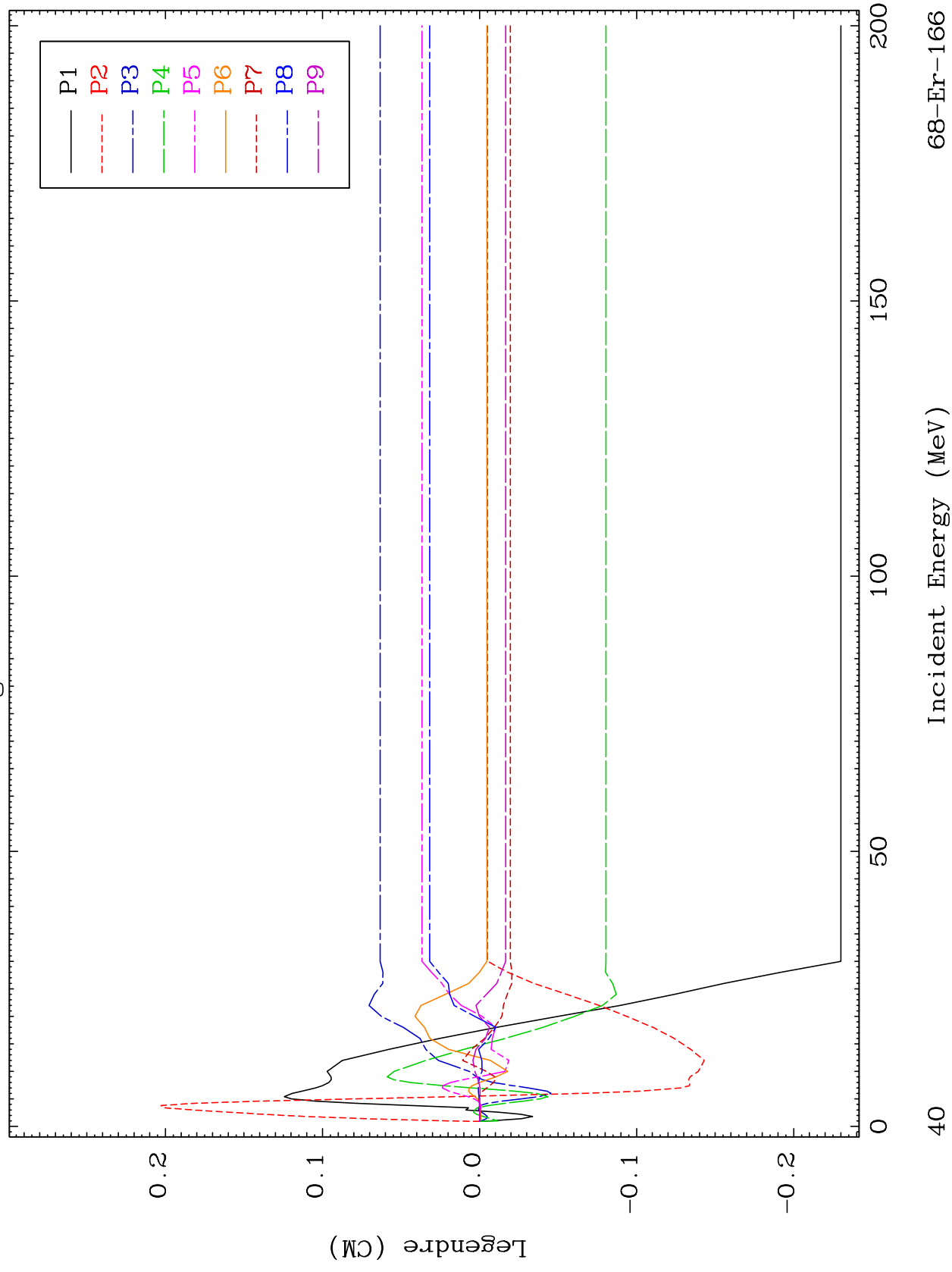




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MT= 56 (n, n') Level
Legendre Coefficients

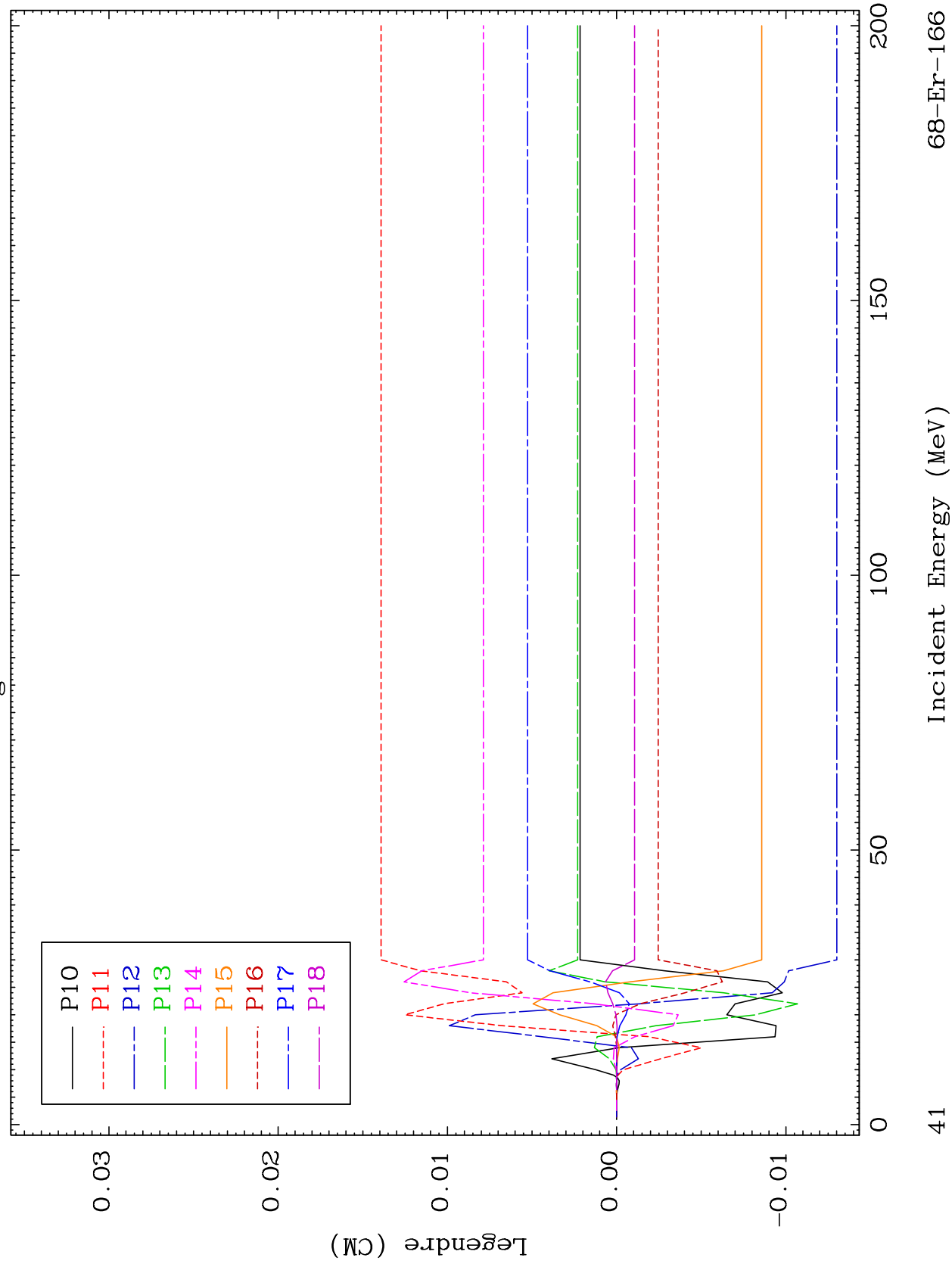
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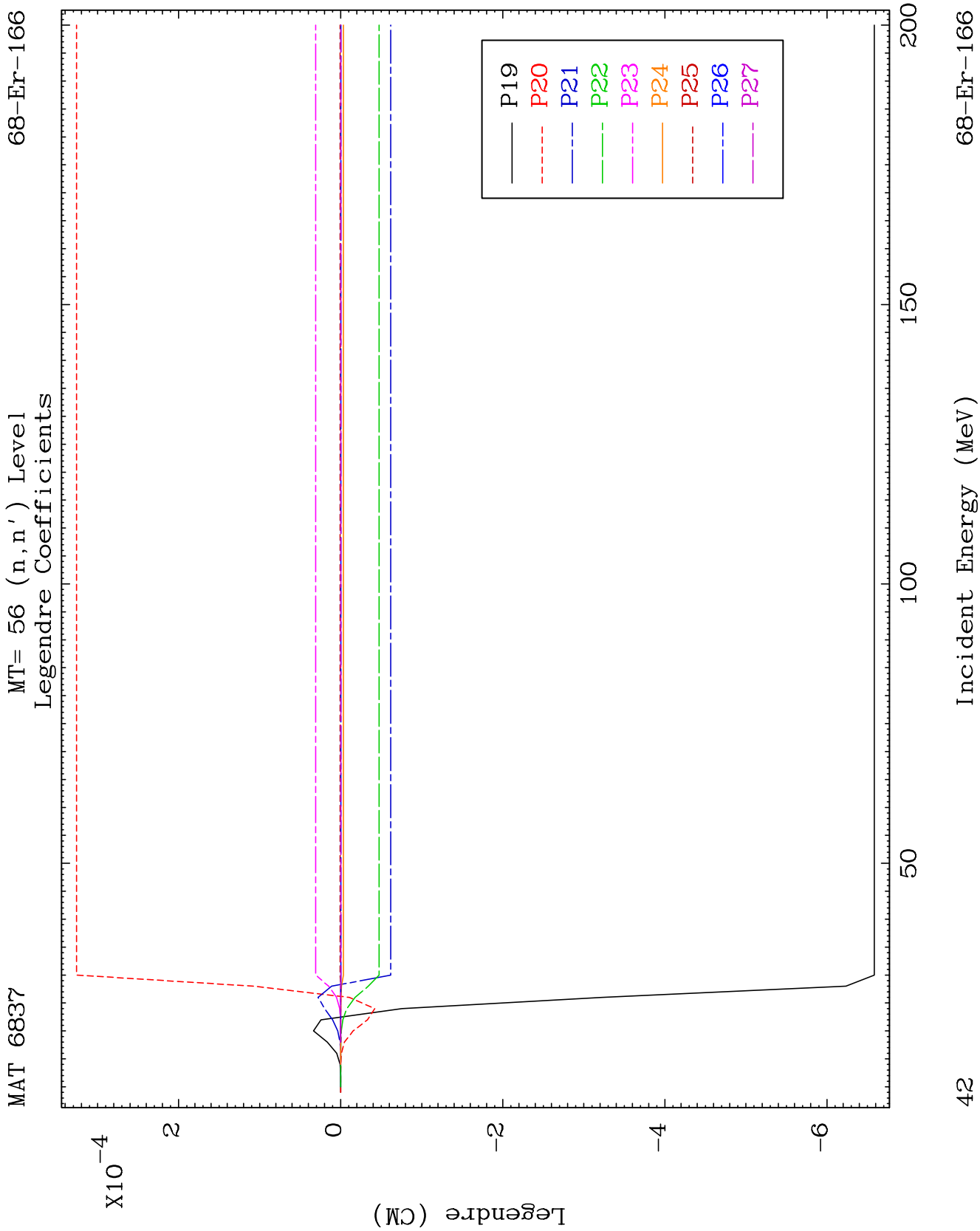


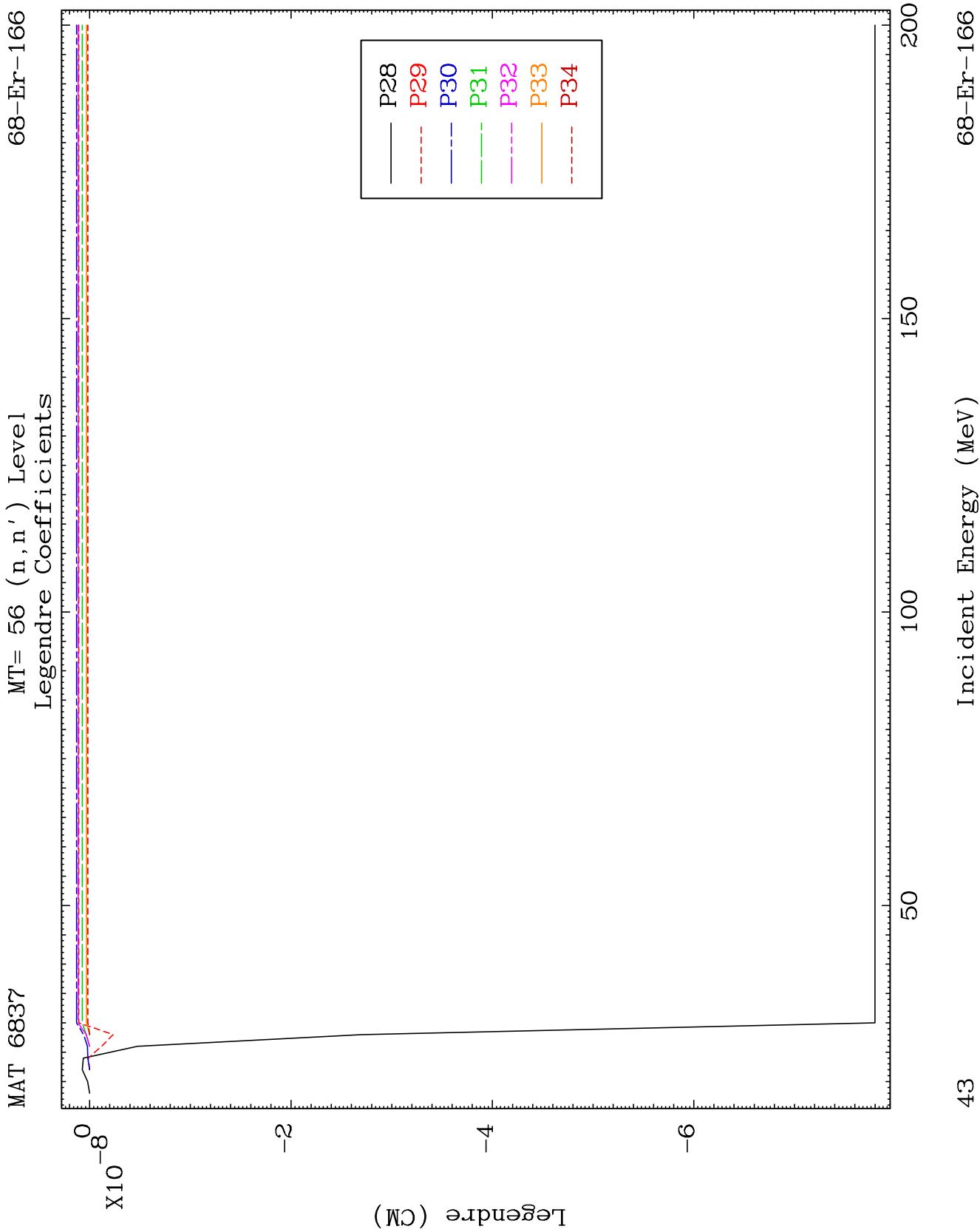
MAT 6837

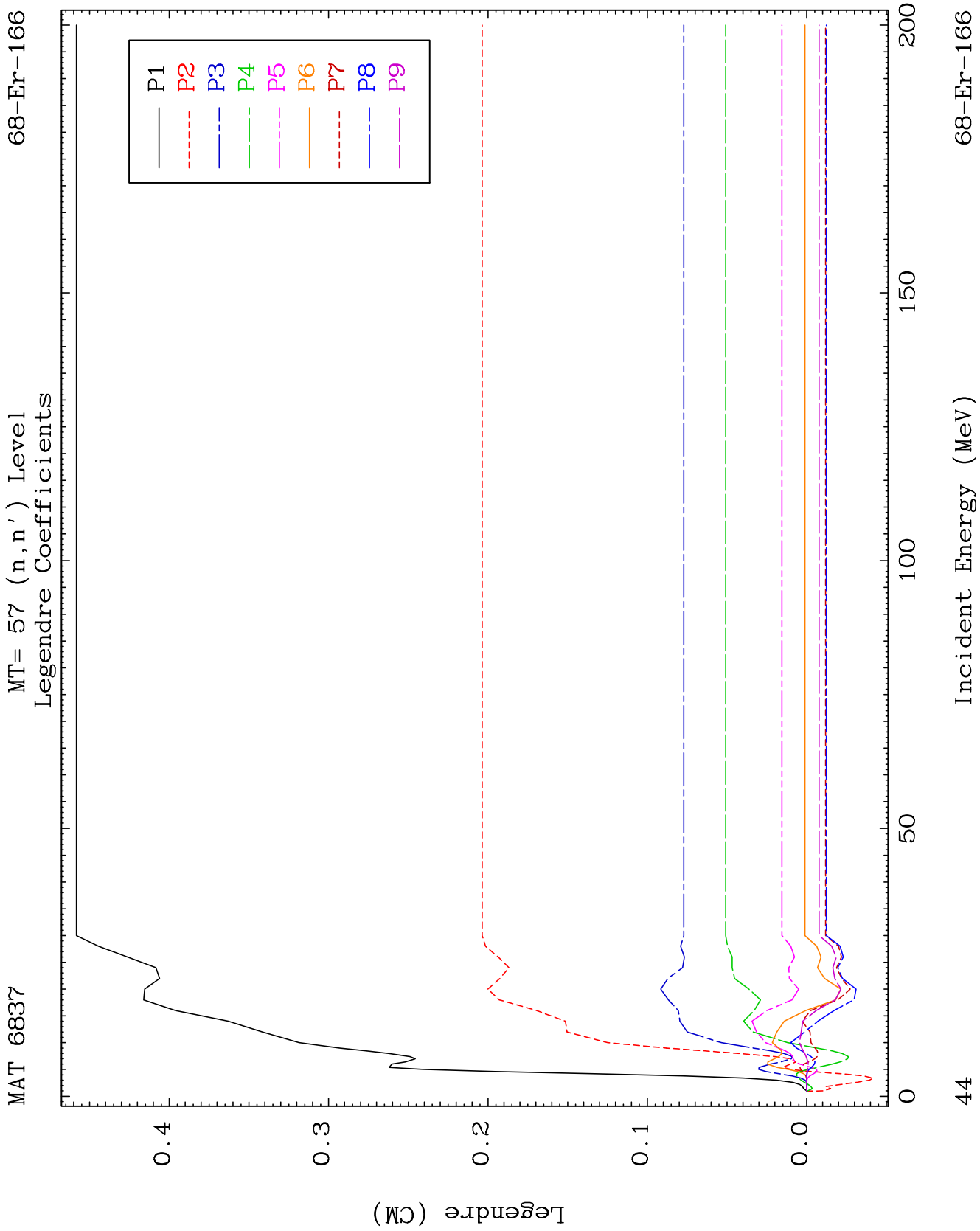
MT= 56 (n, n') Level
Legendre Coefficients

68-Er-166





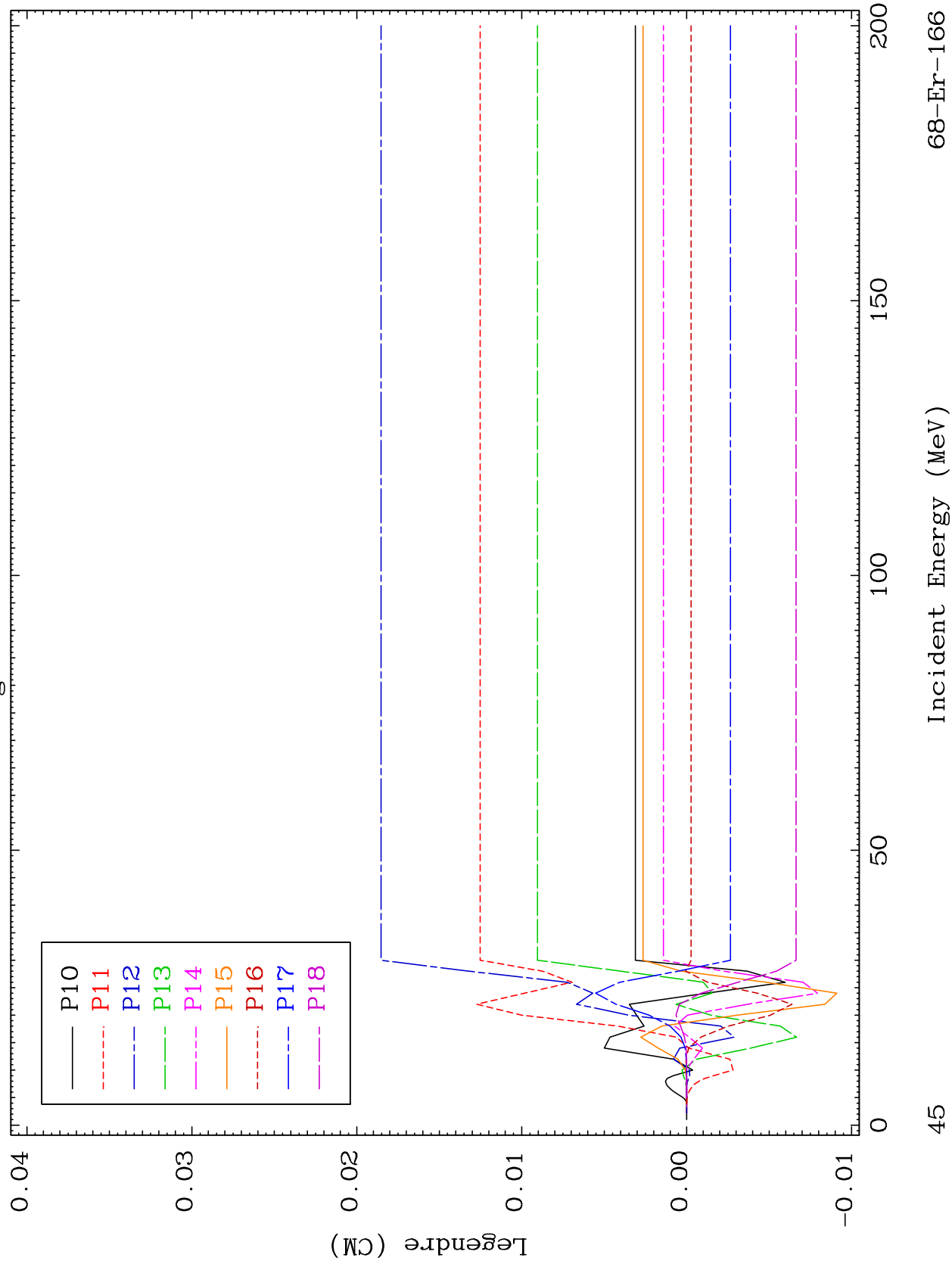


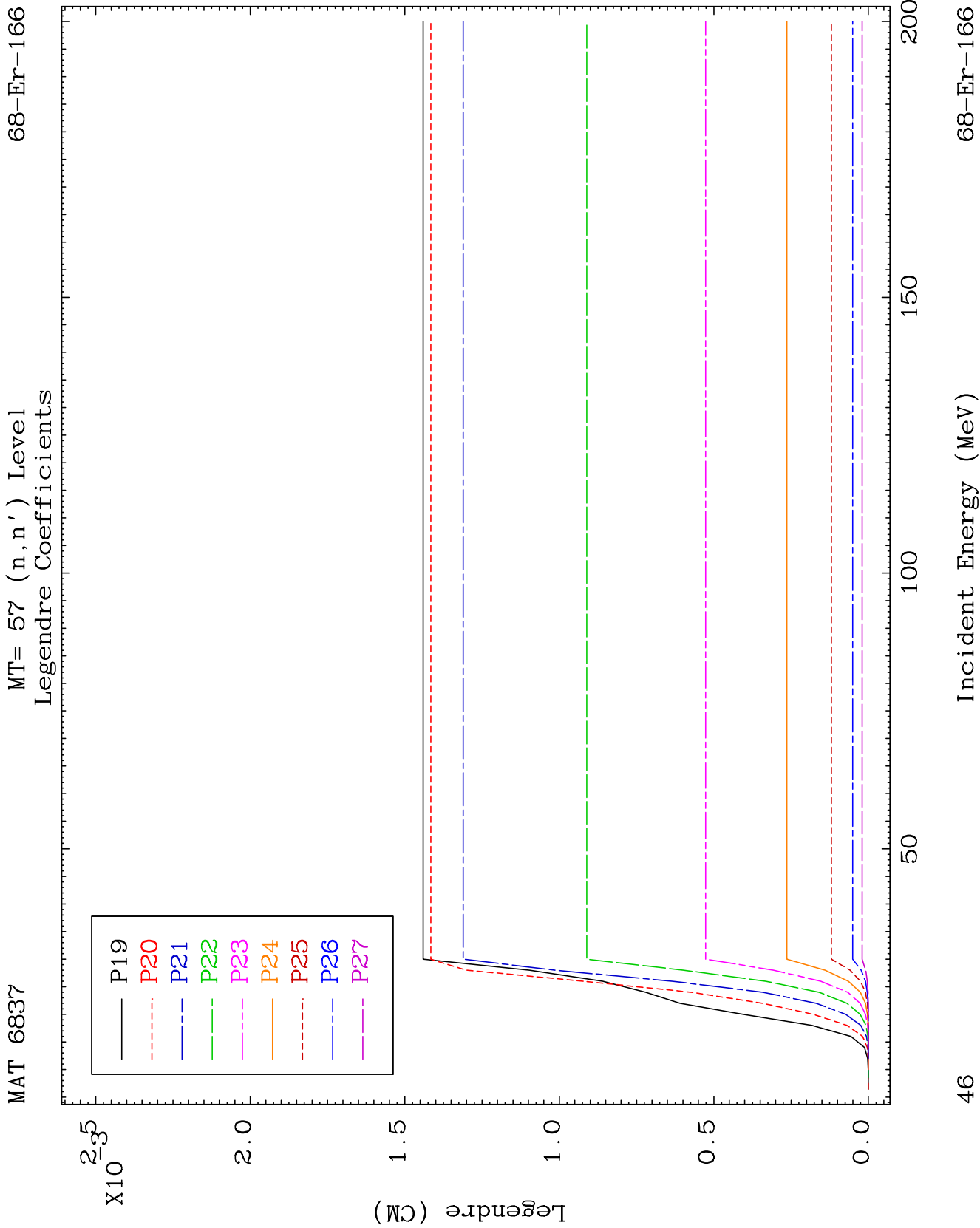


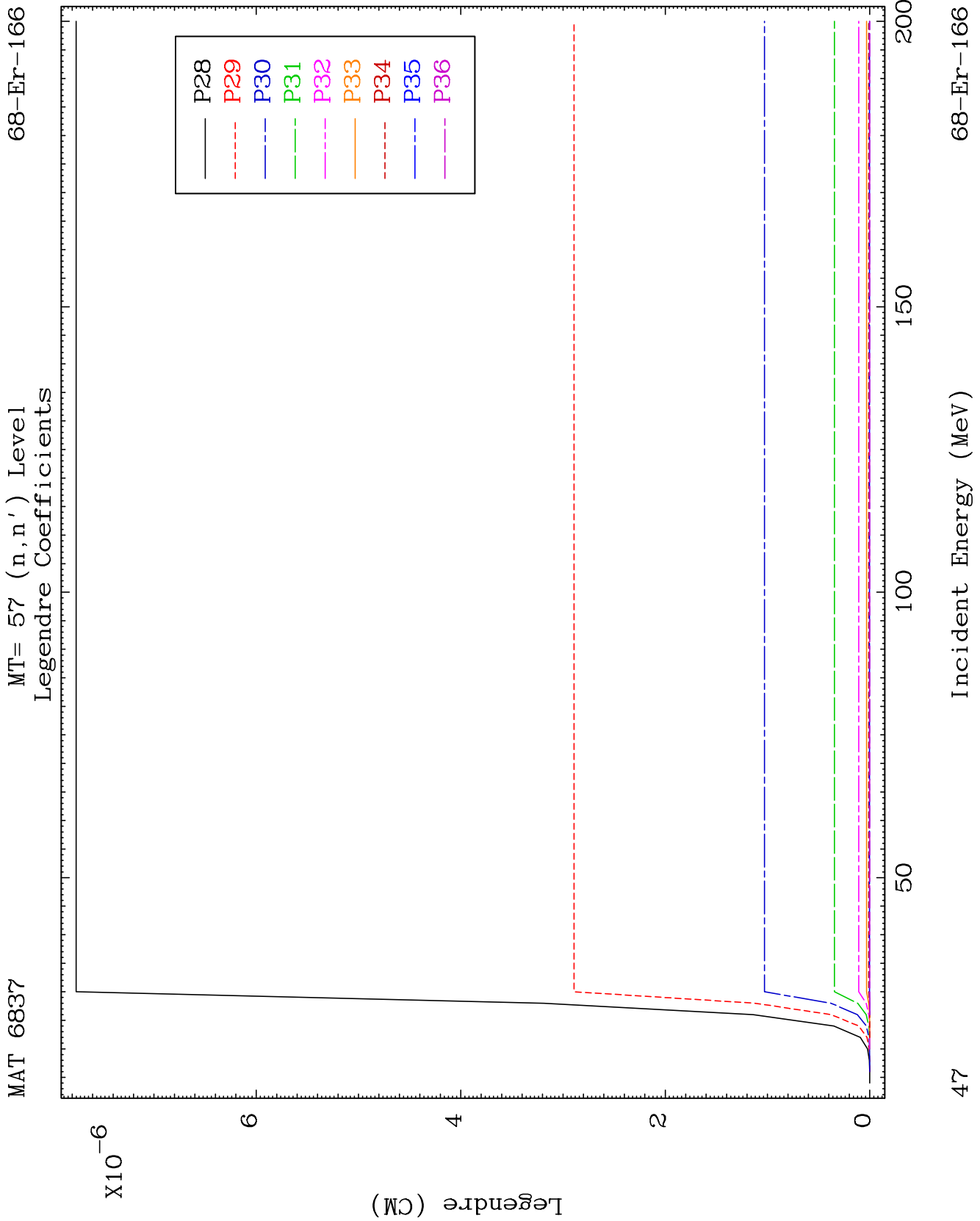
MAT 6837

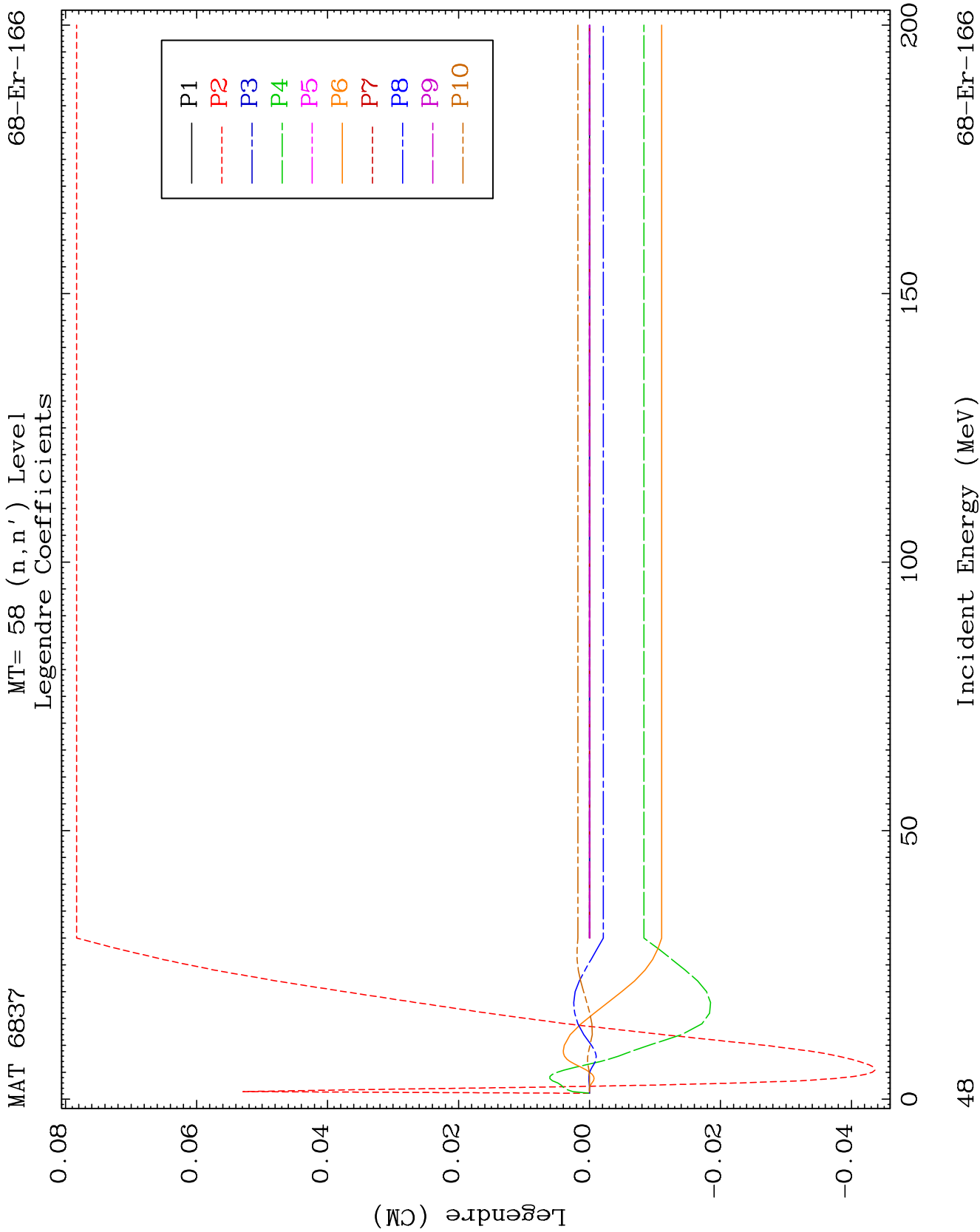
MT= 57 (n, n') Level
Legendre Coefficients

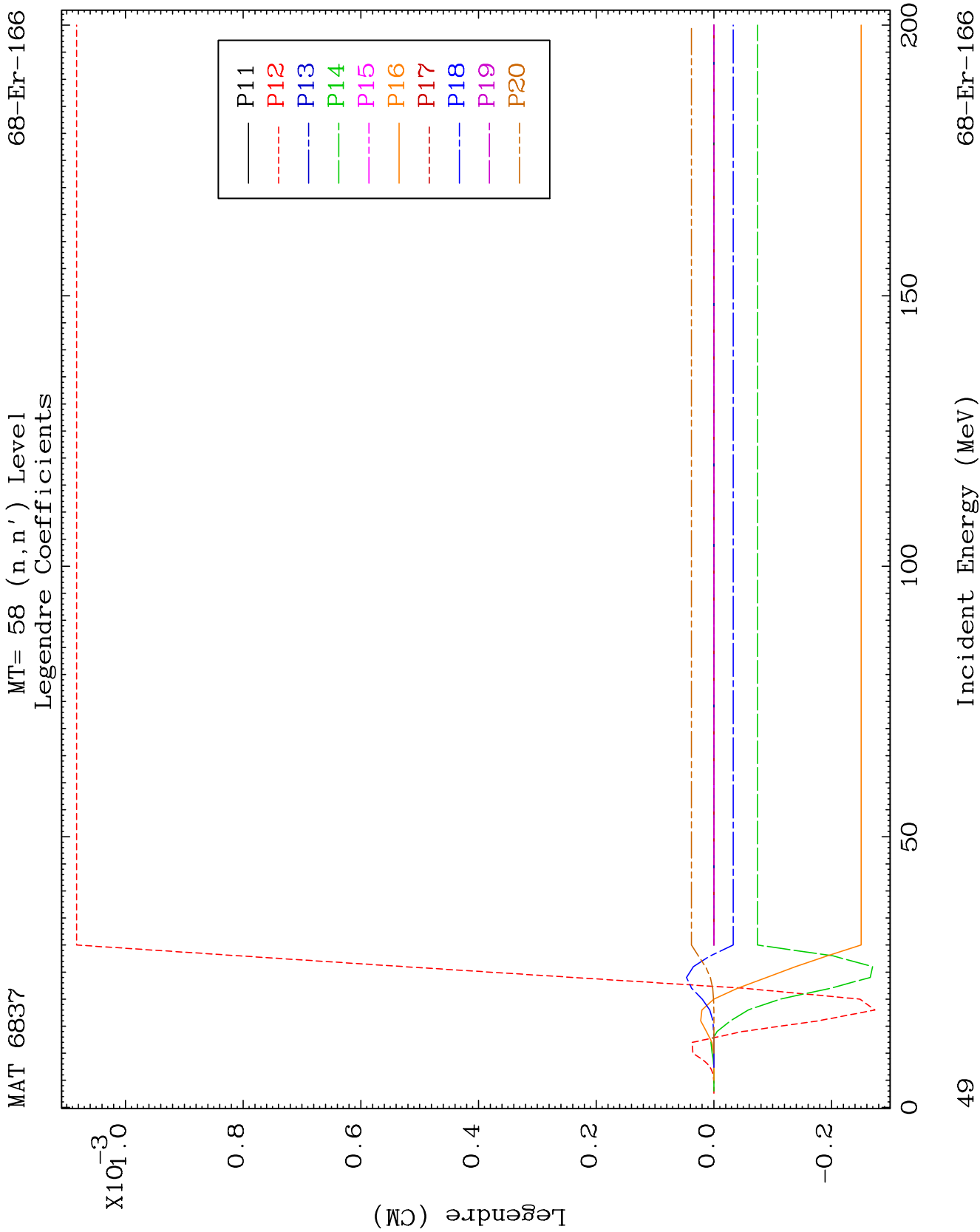
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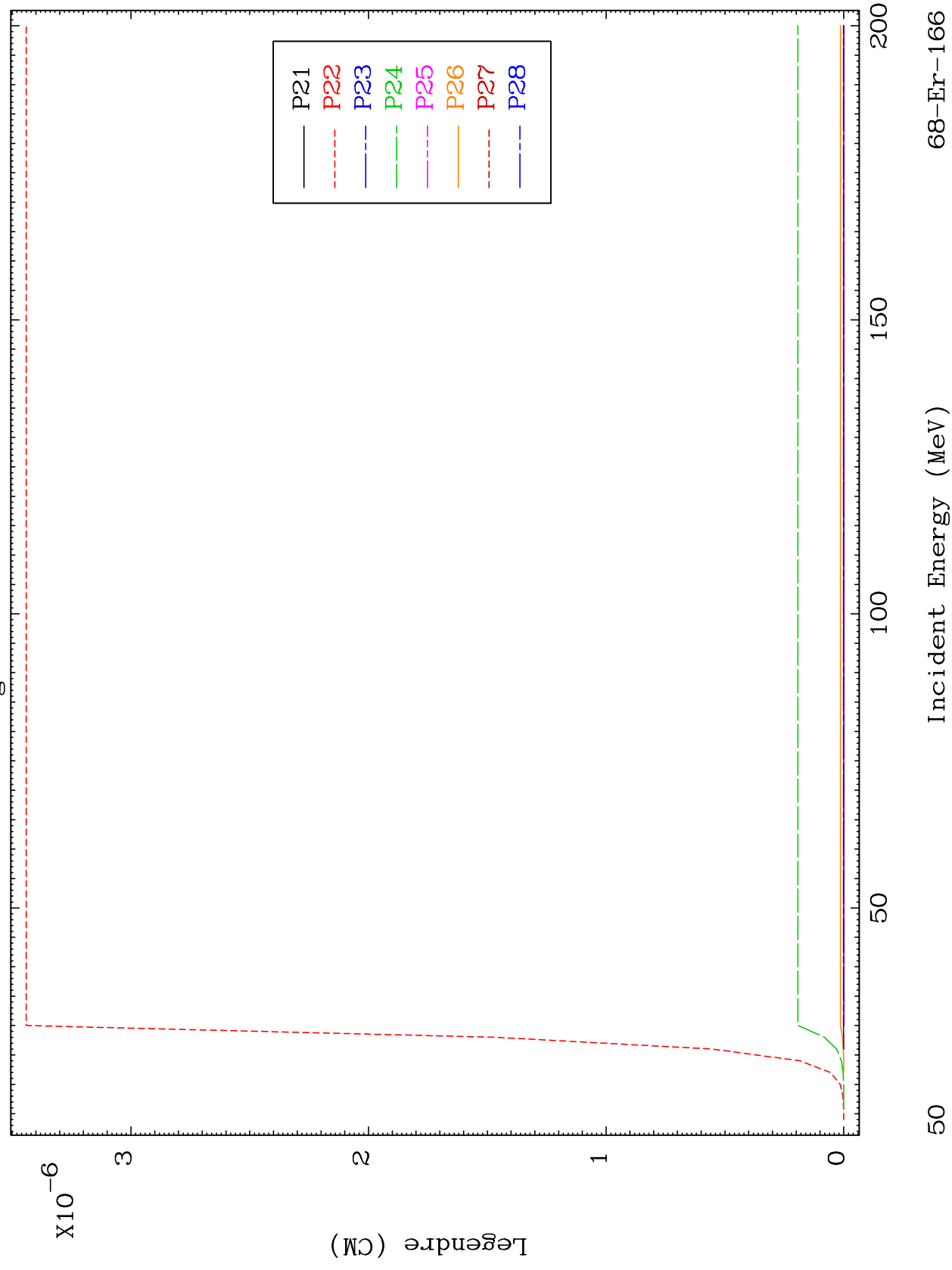




MAT 6837

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

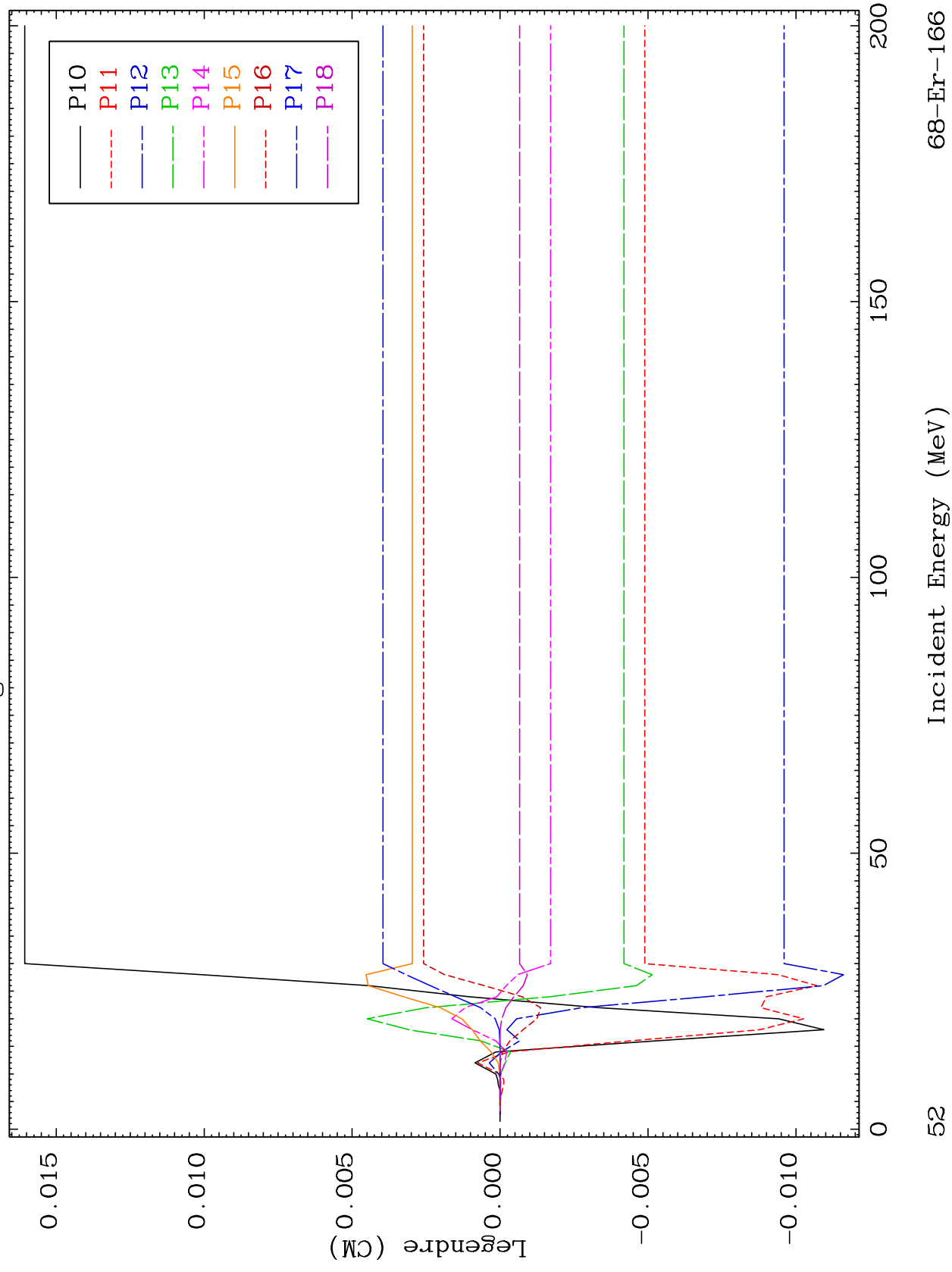
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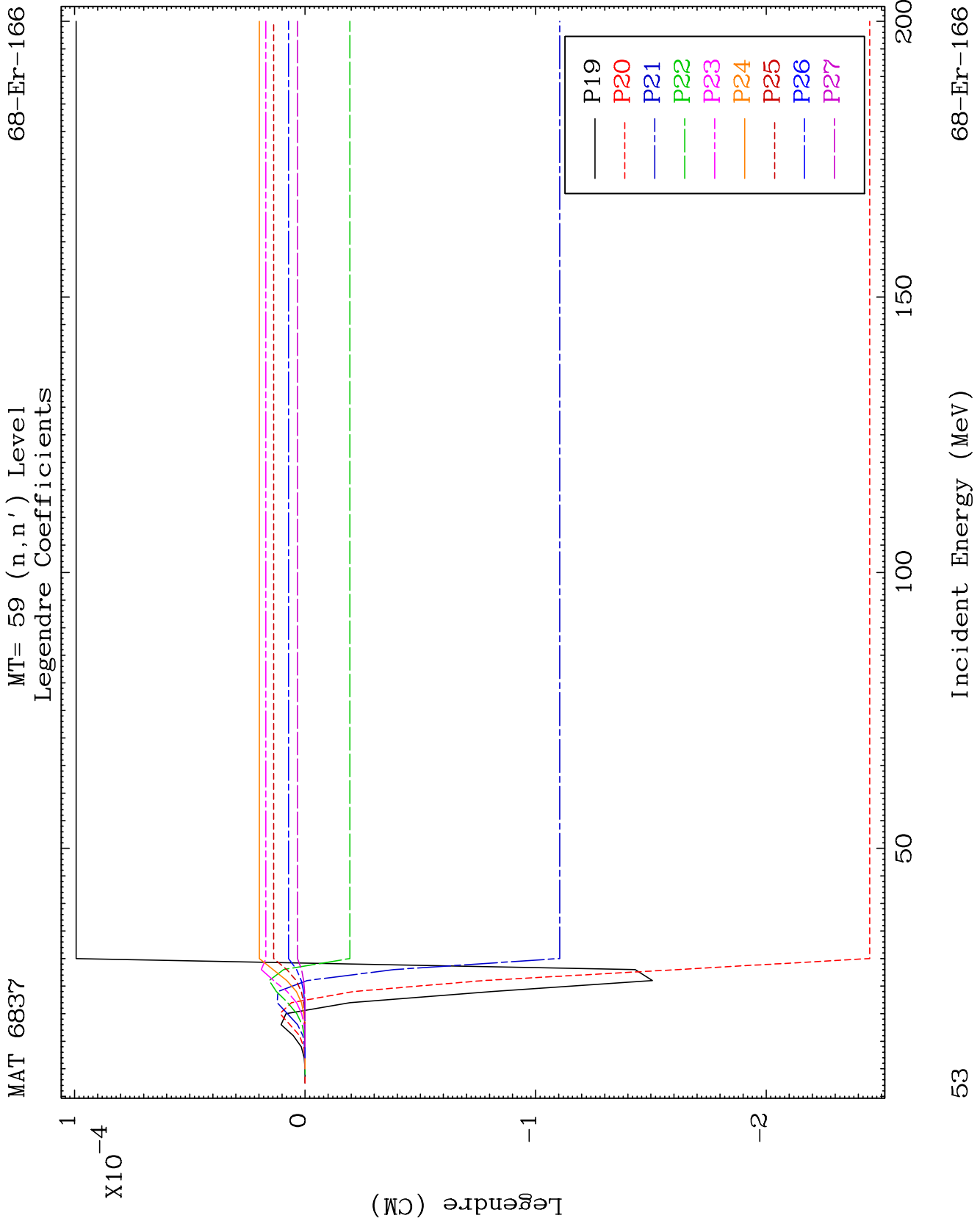


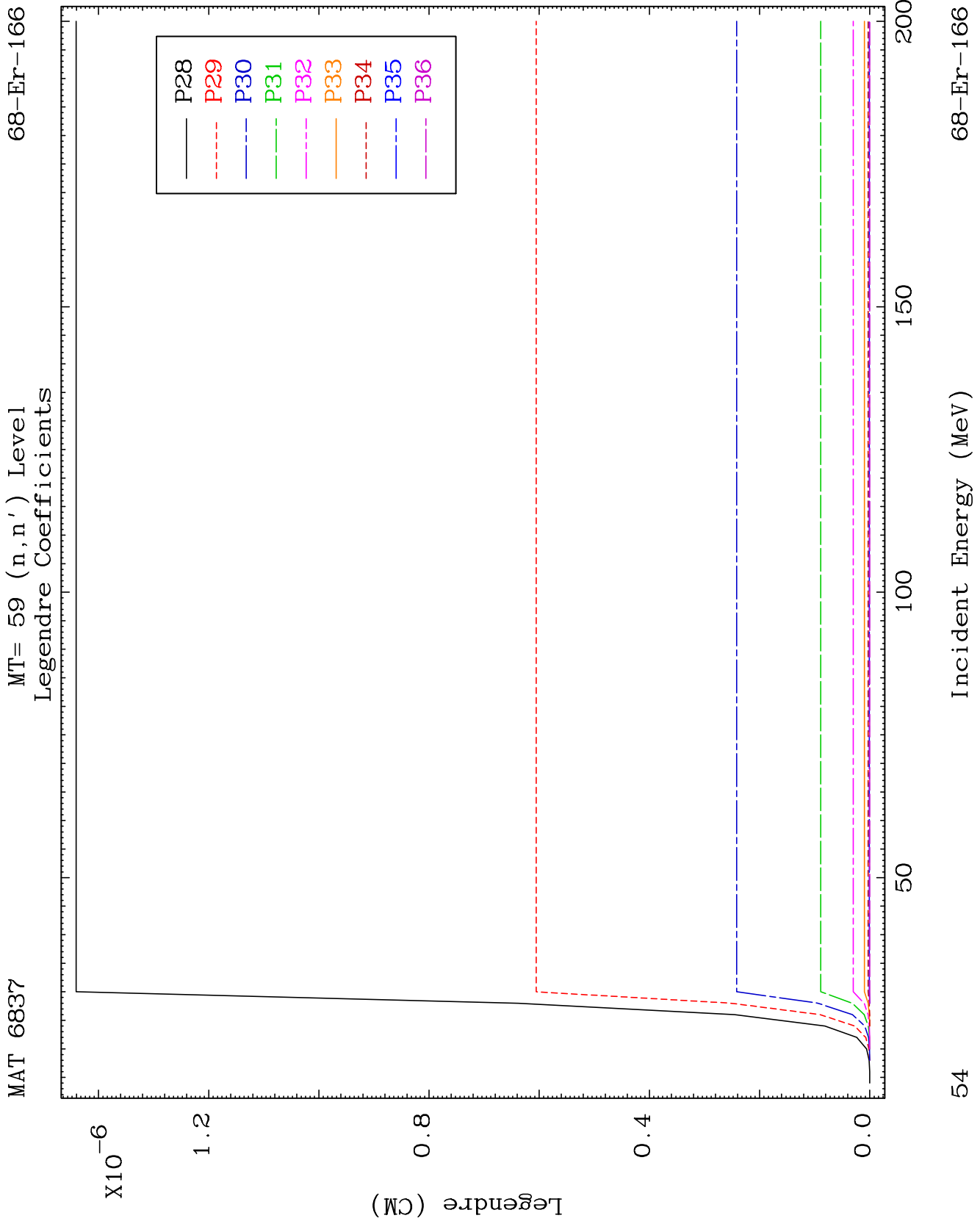
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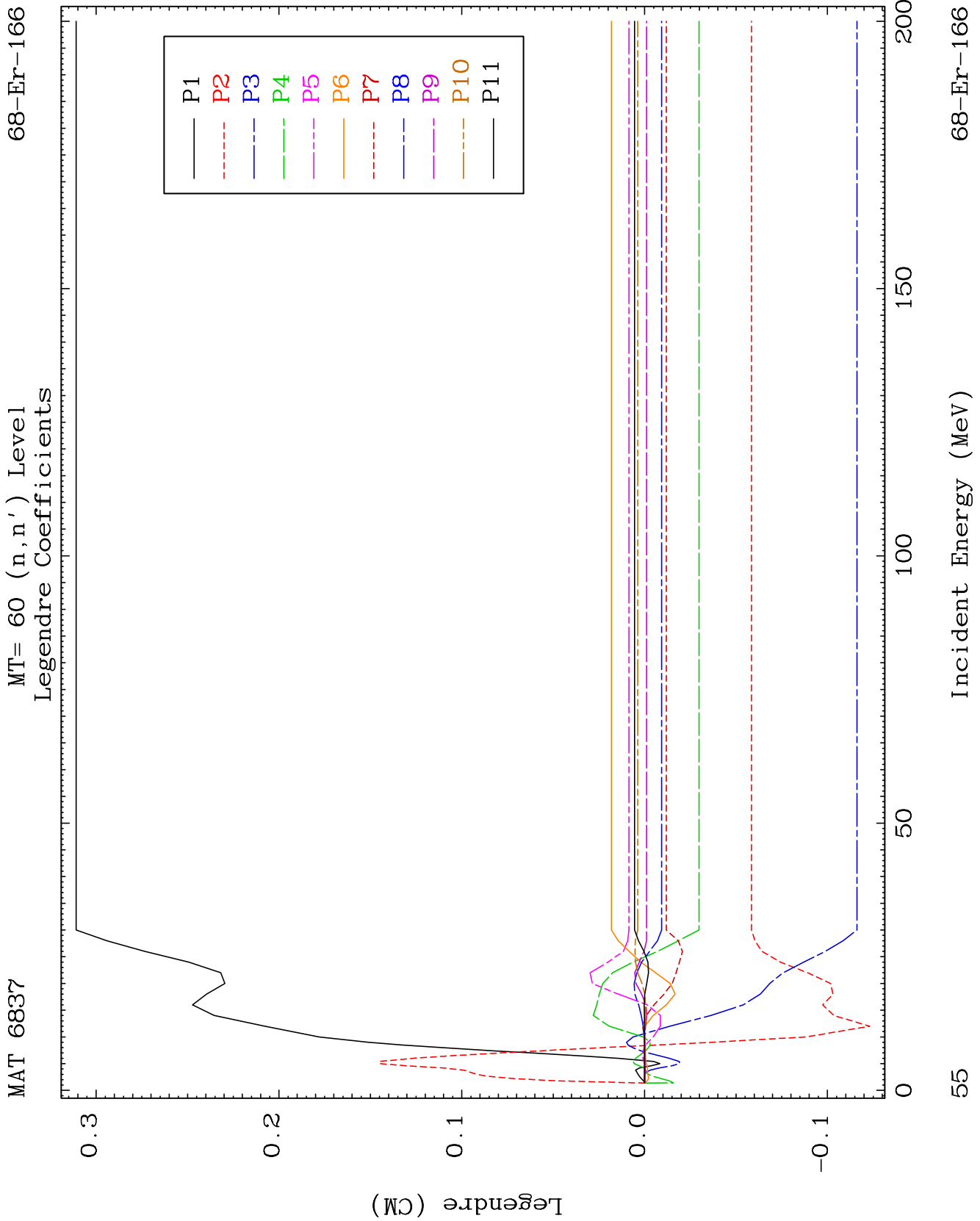
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Legendre Coefficients

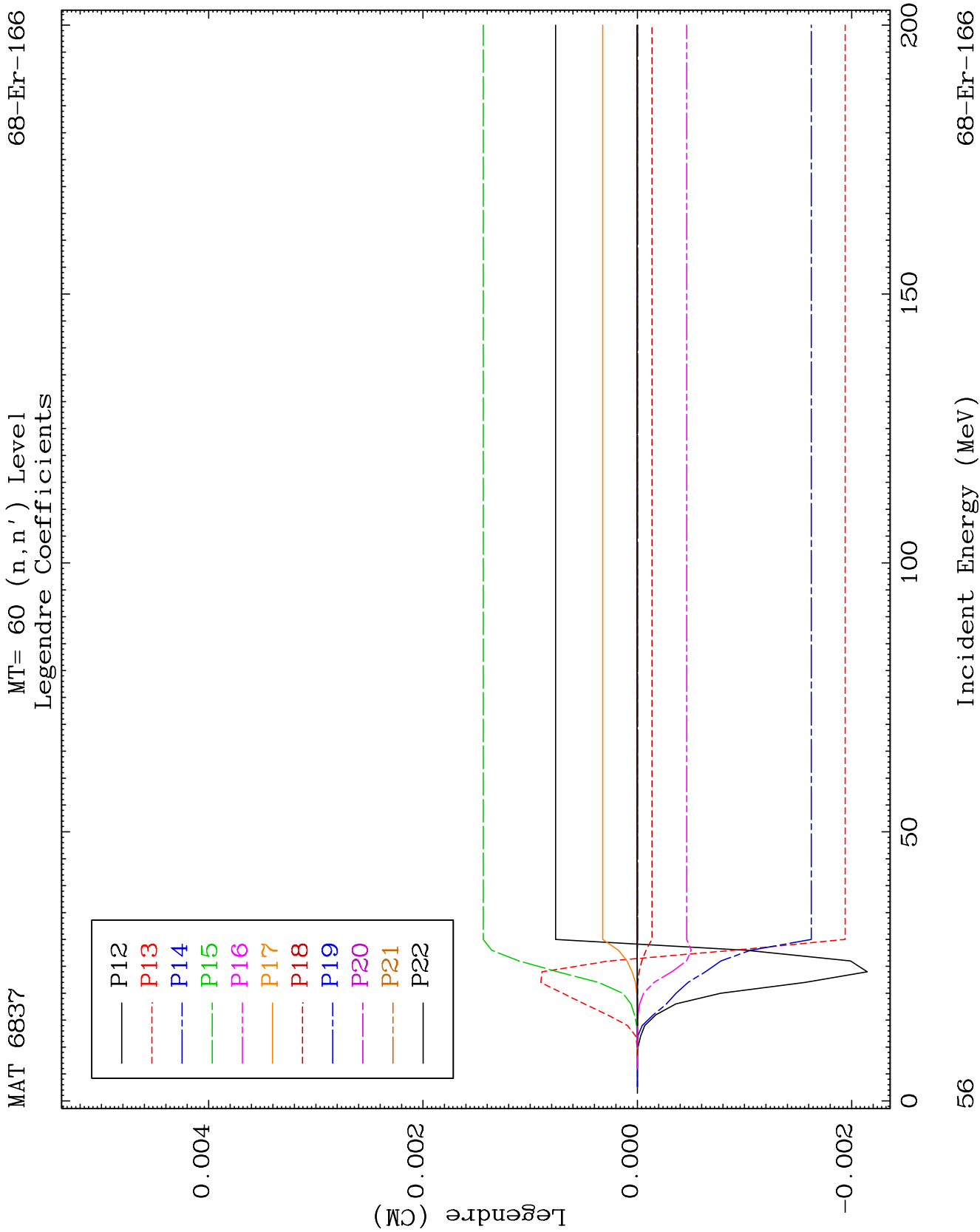
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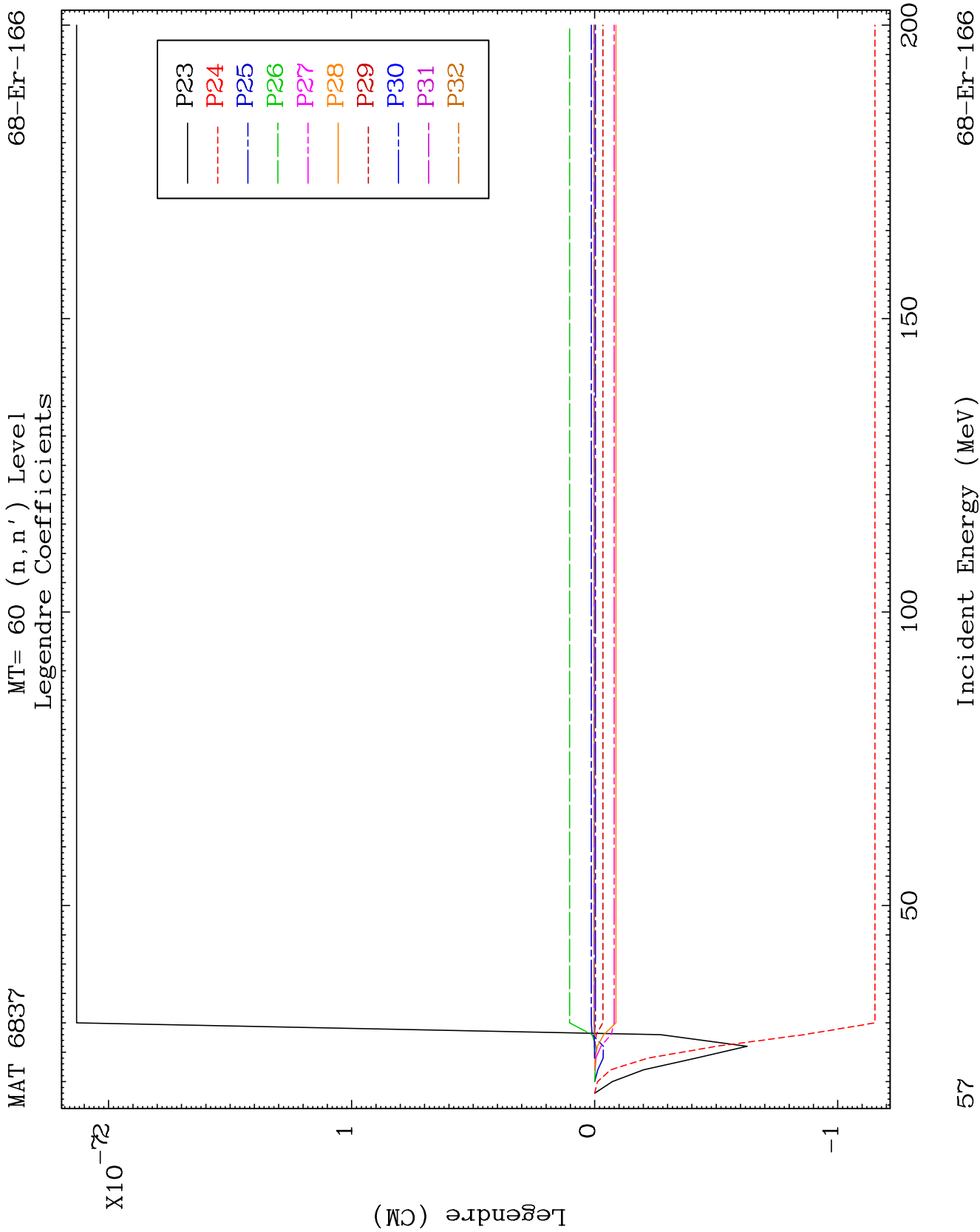


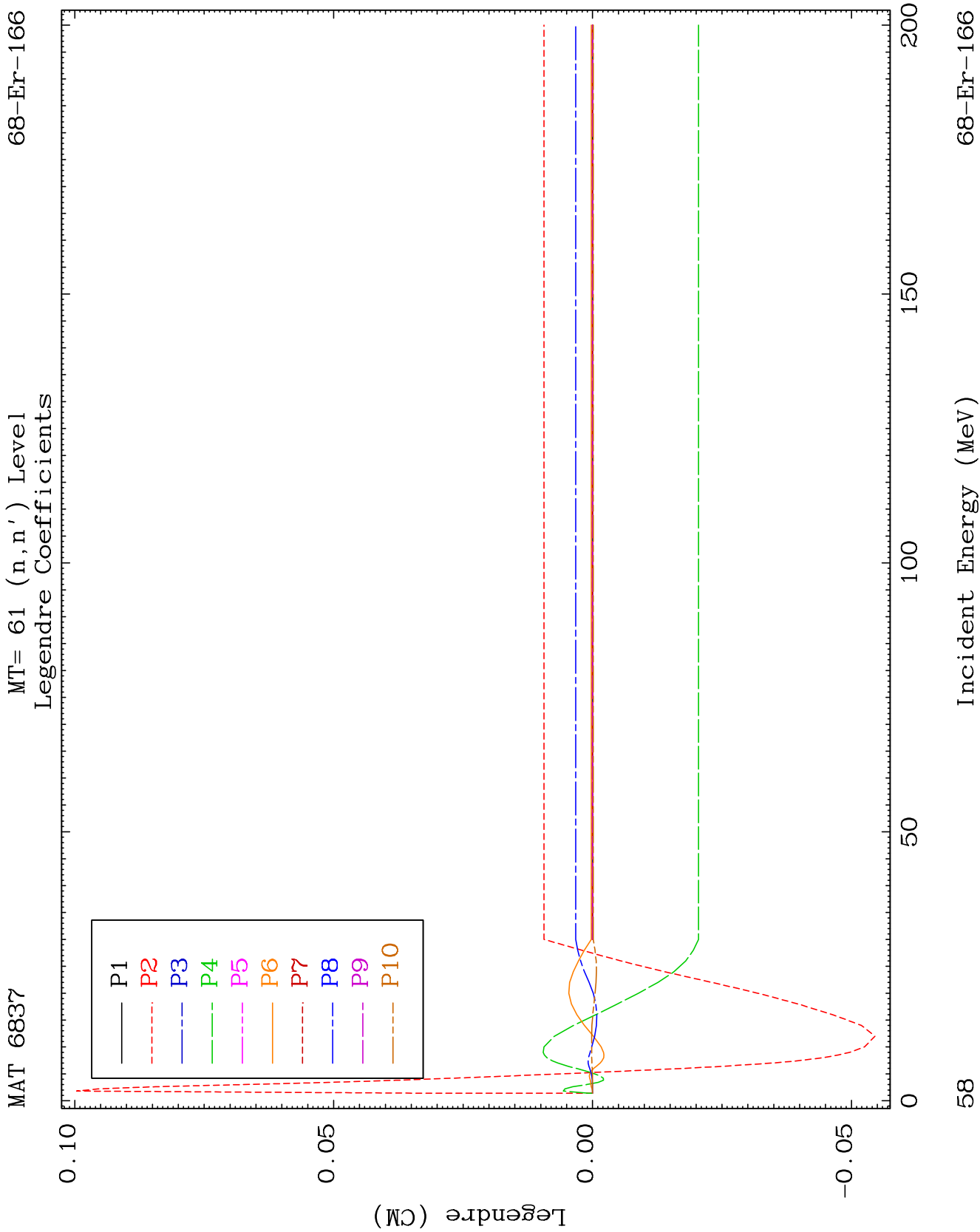


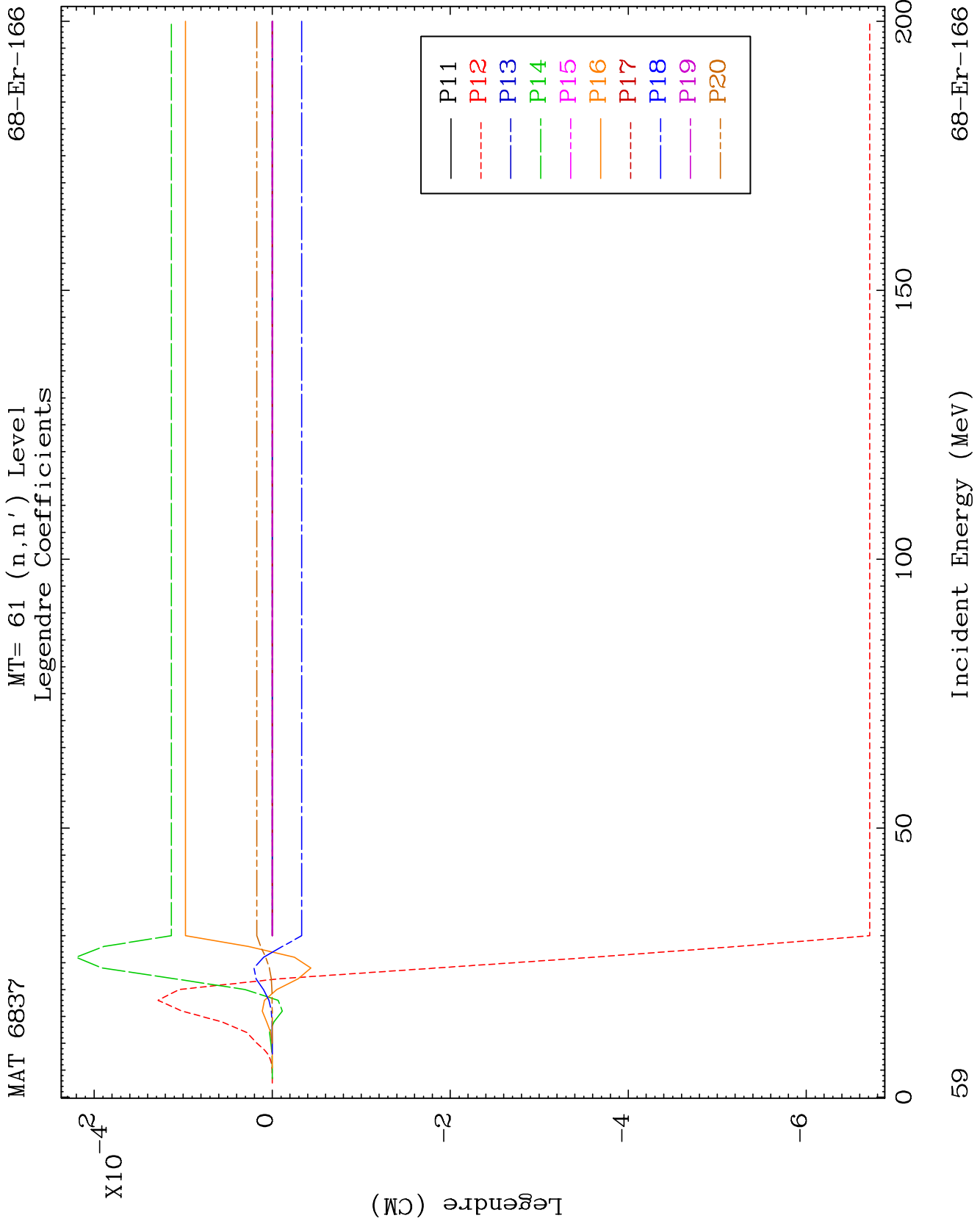


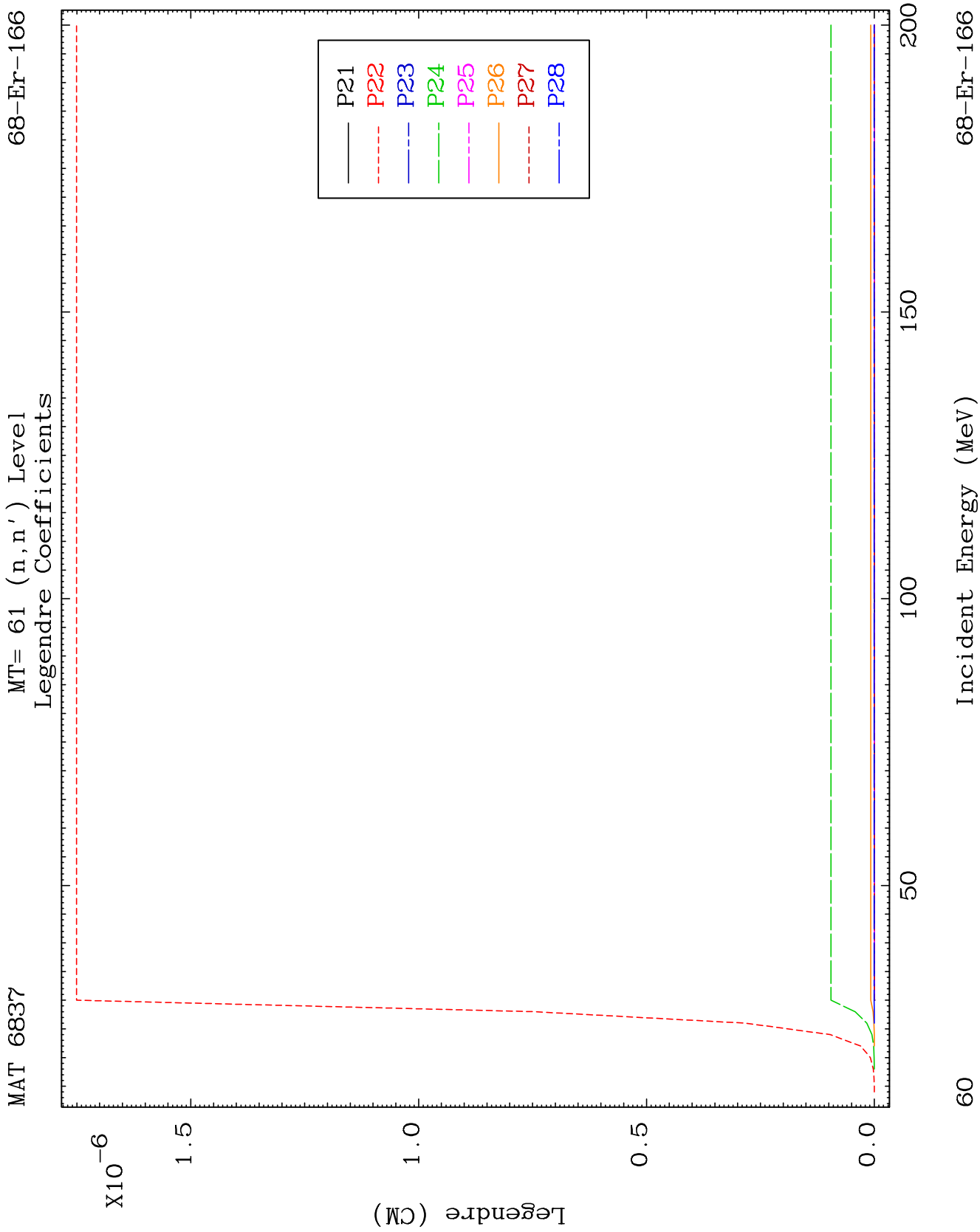


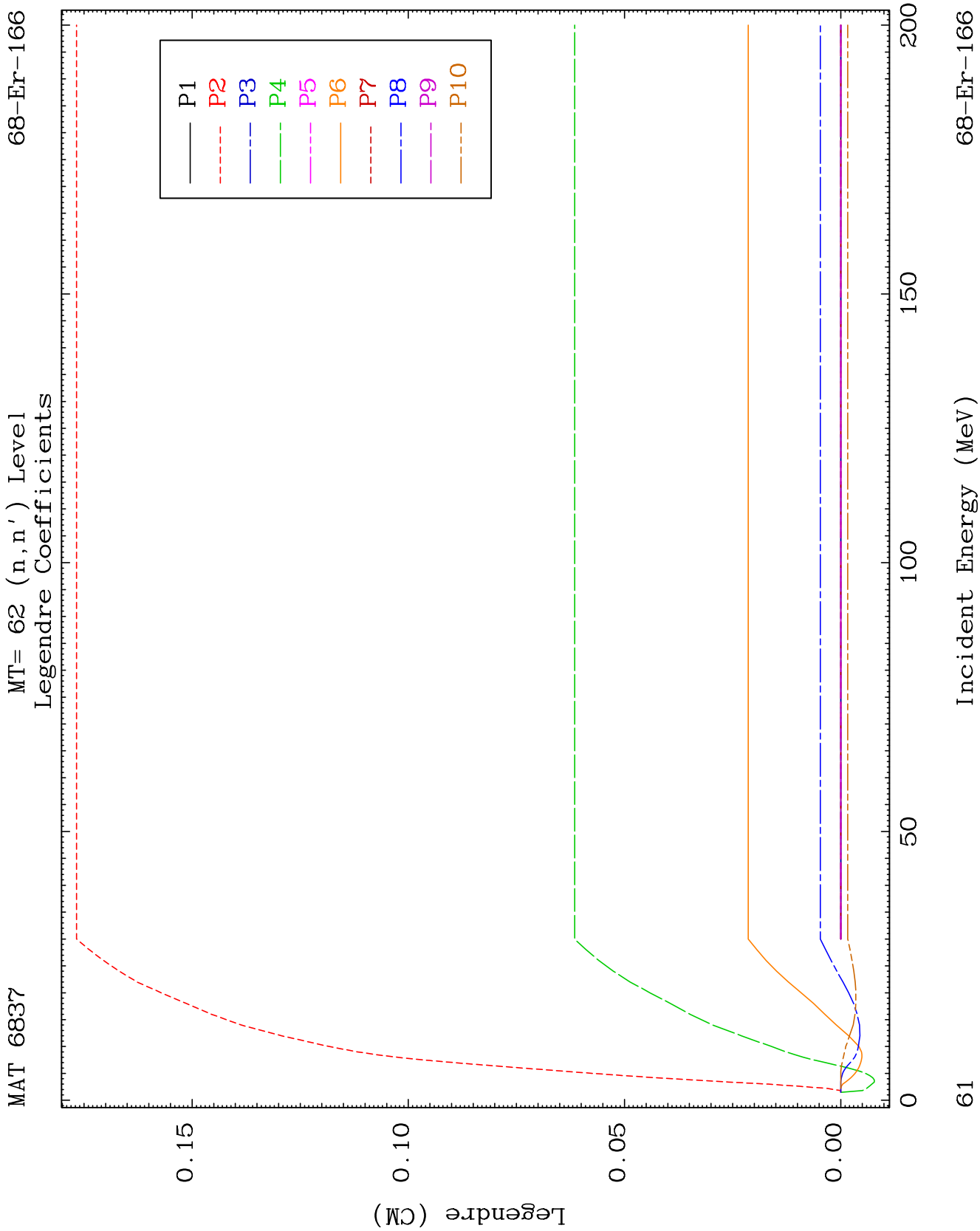


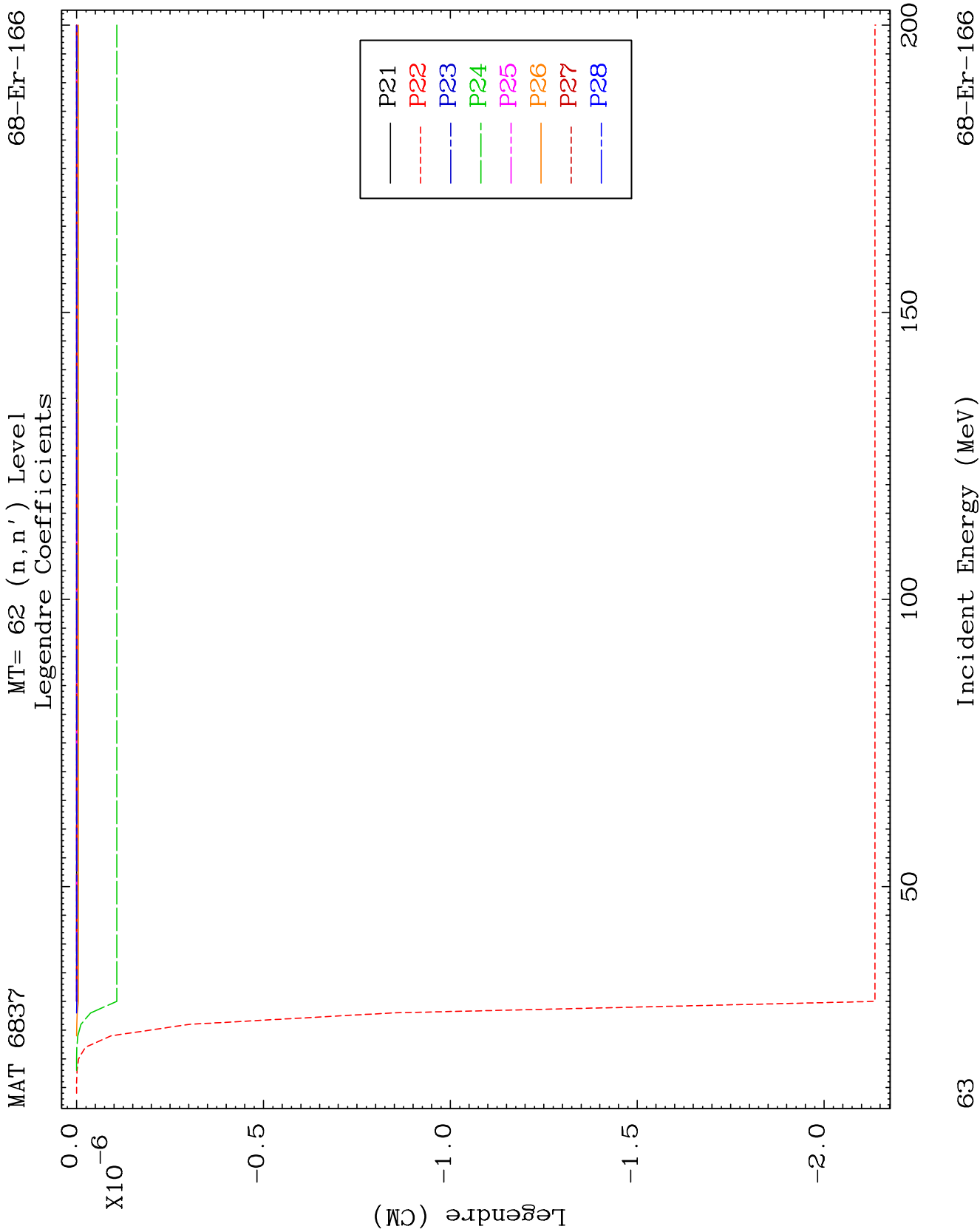


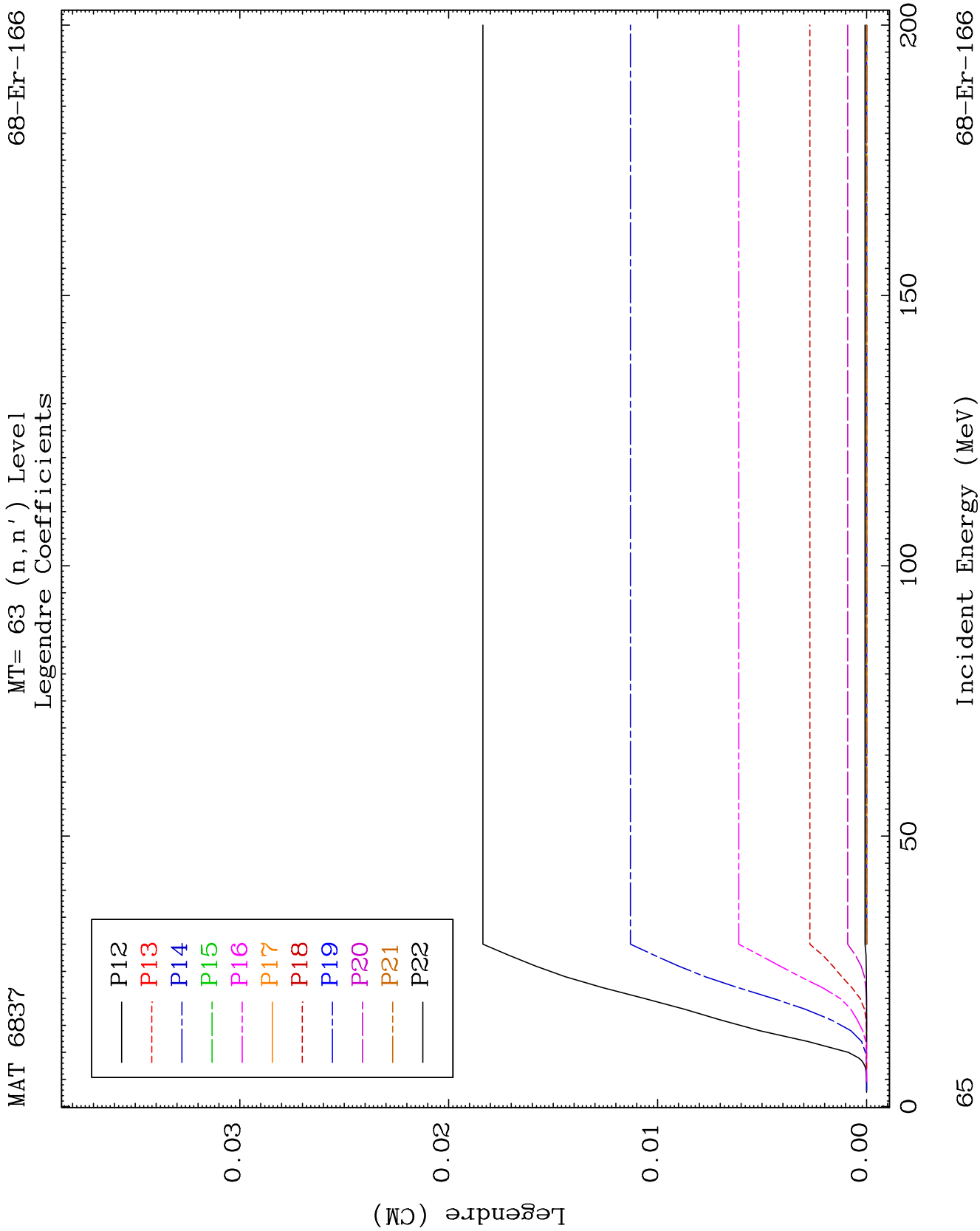


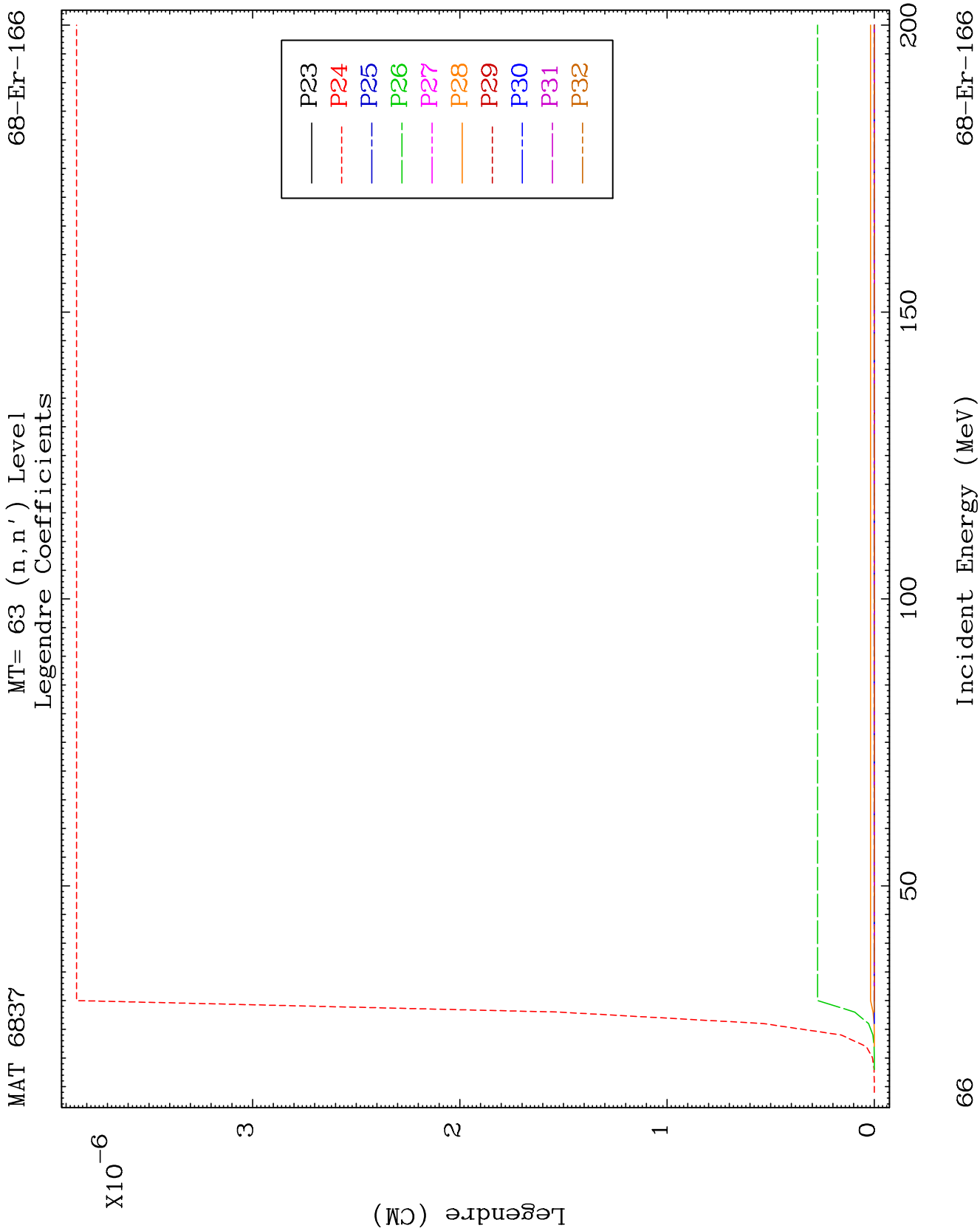








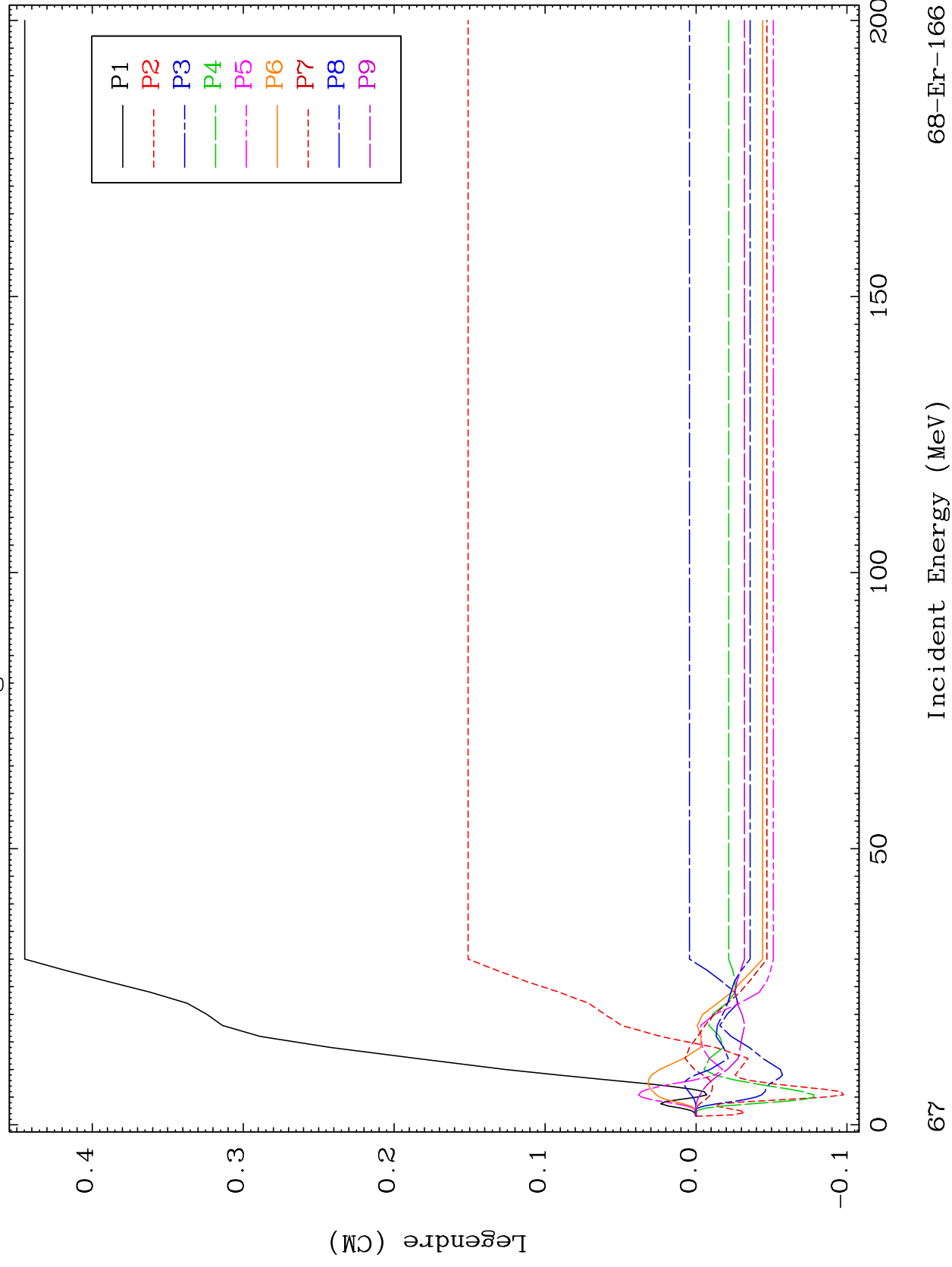




MAT 6837

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

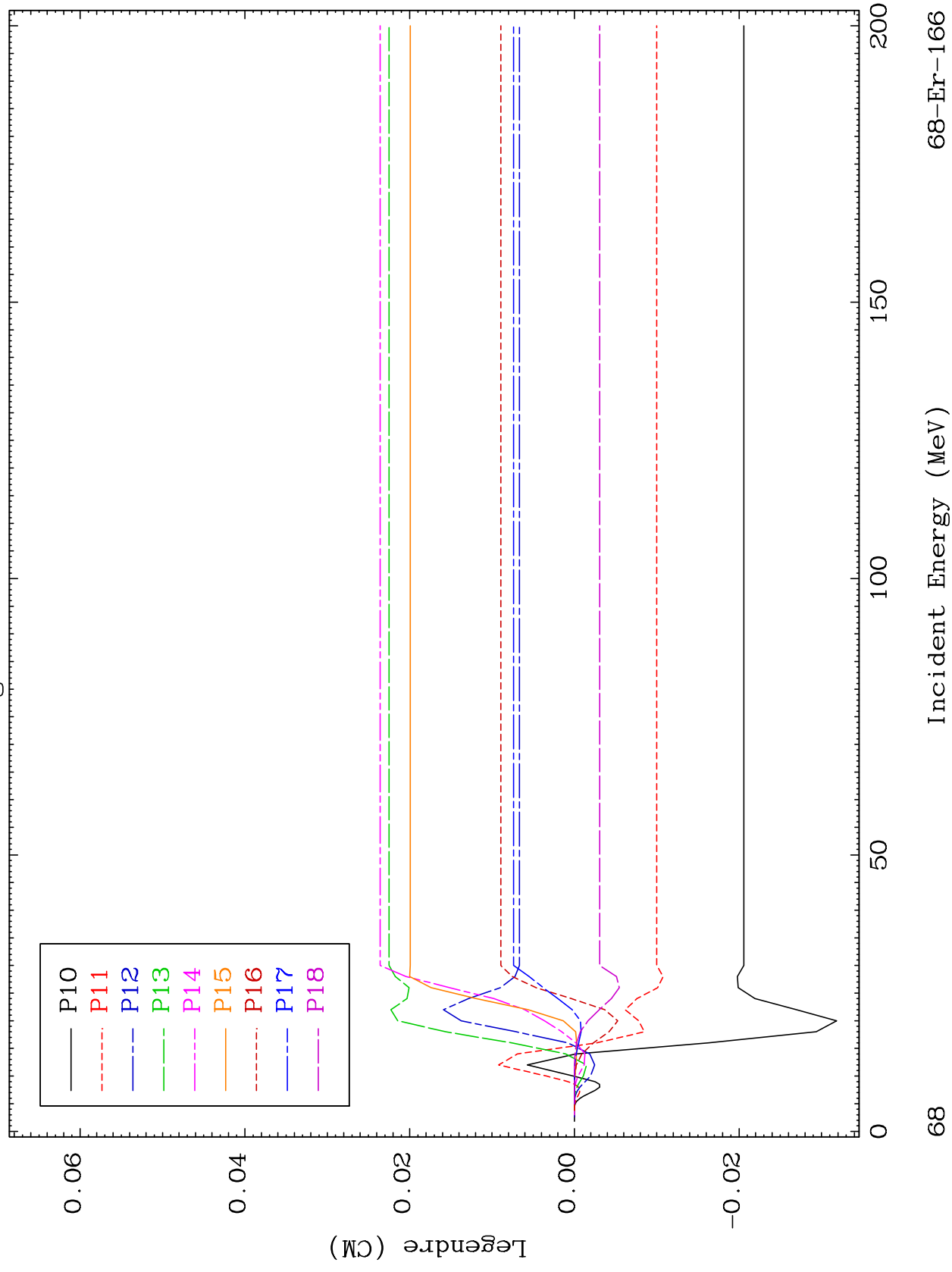
68-Er-166

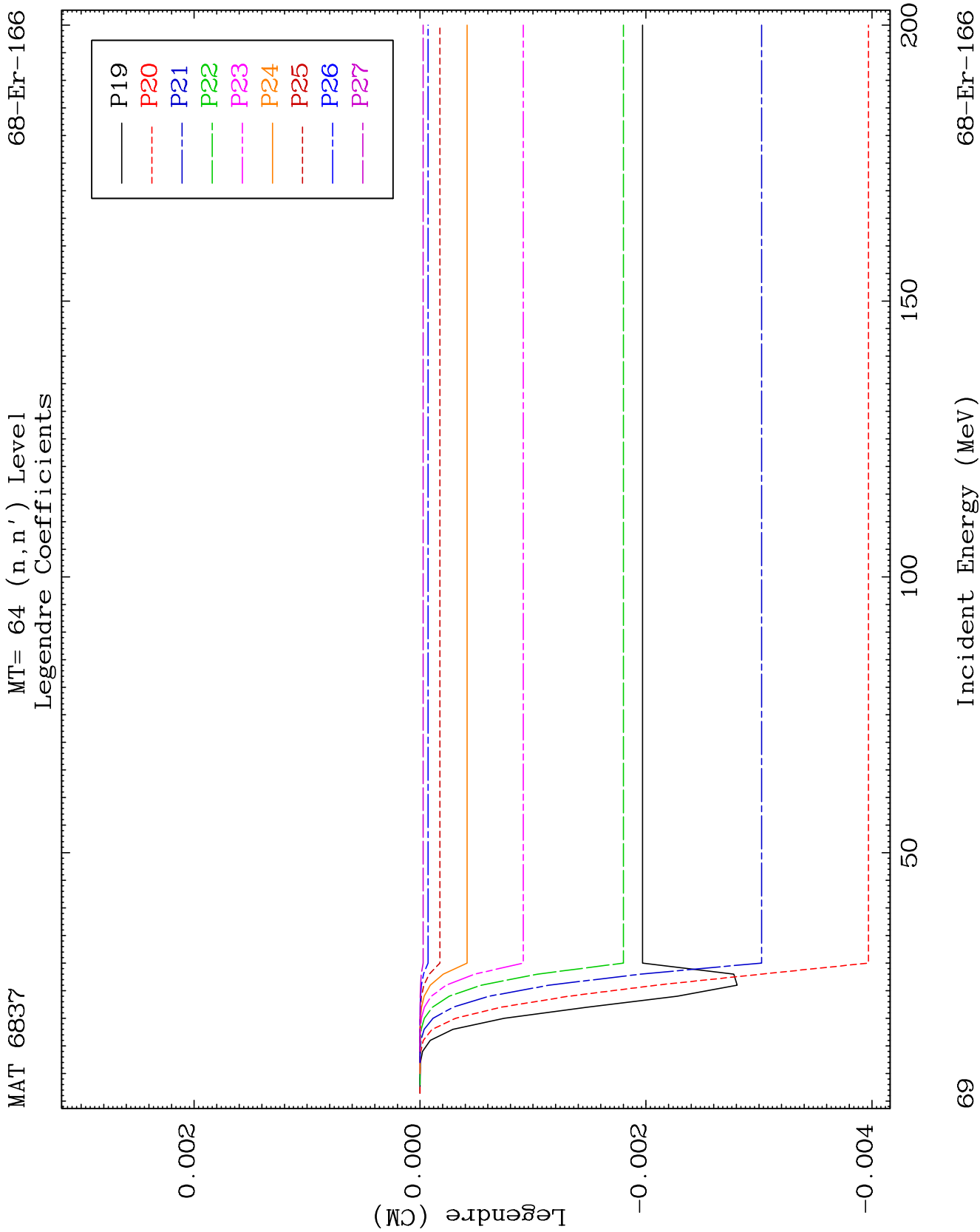


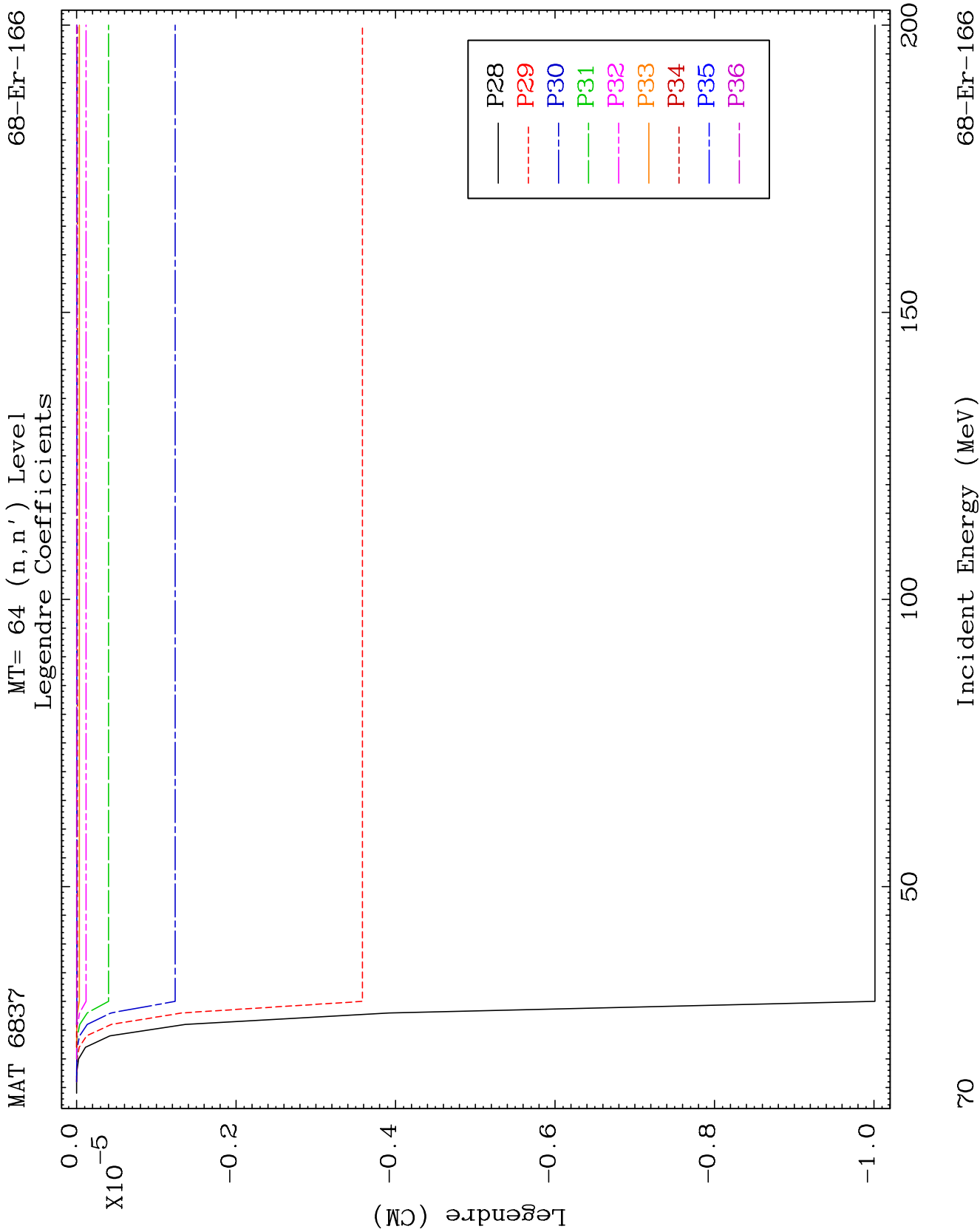
MAT 6837

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

68-Er-166



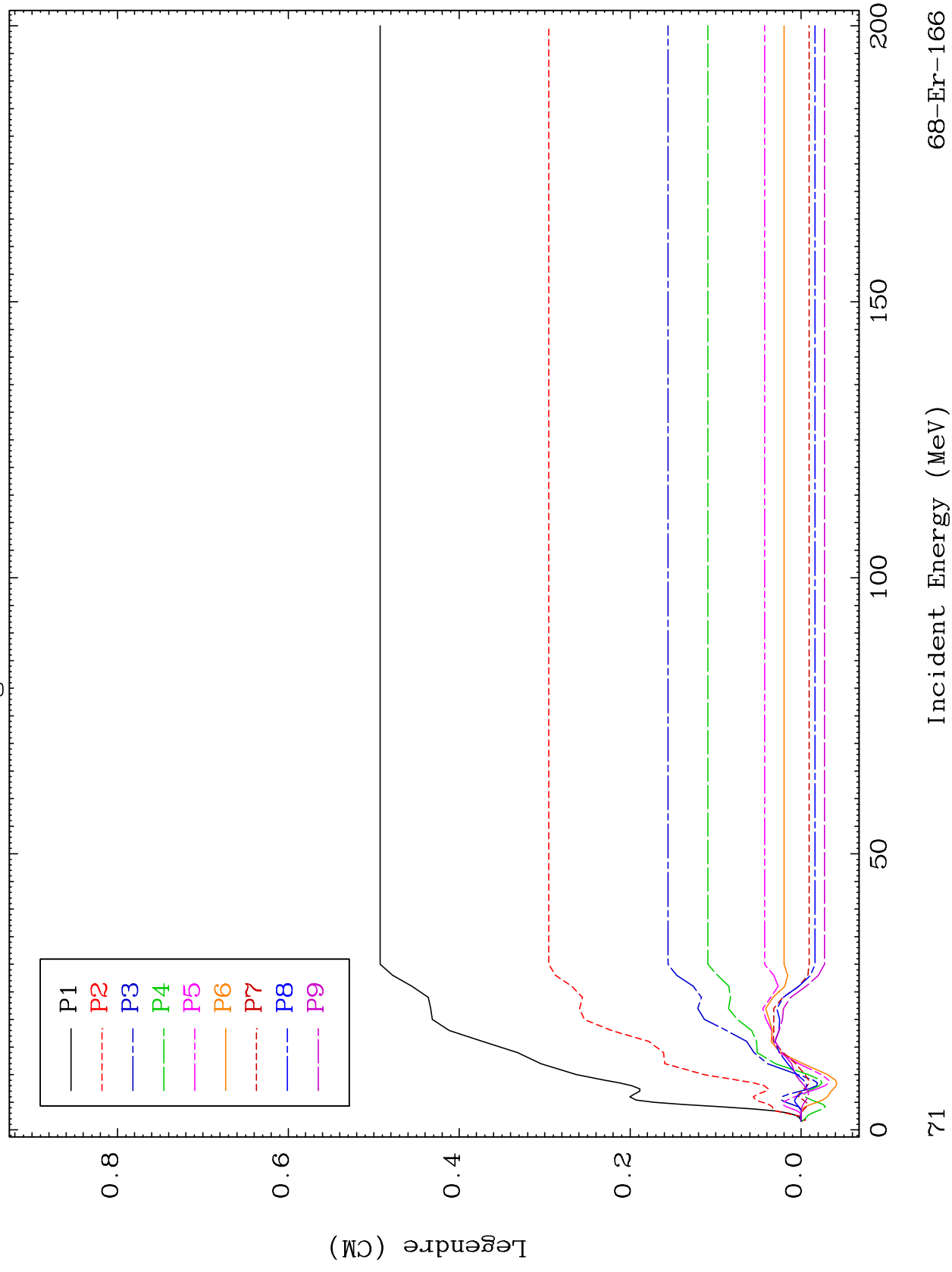




MAT 6837

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

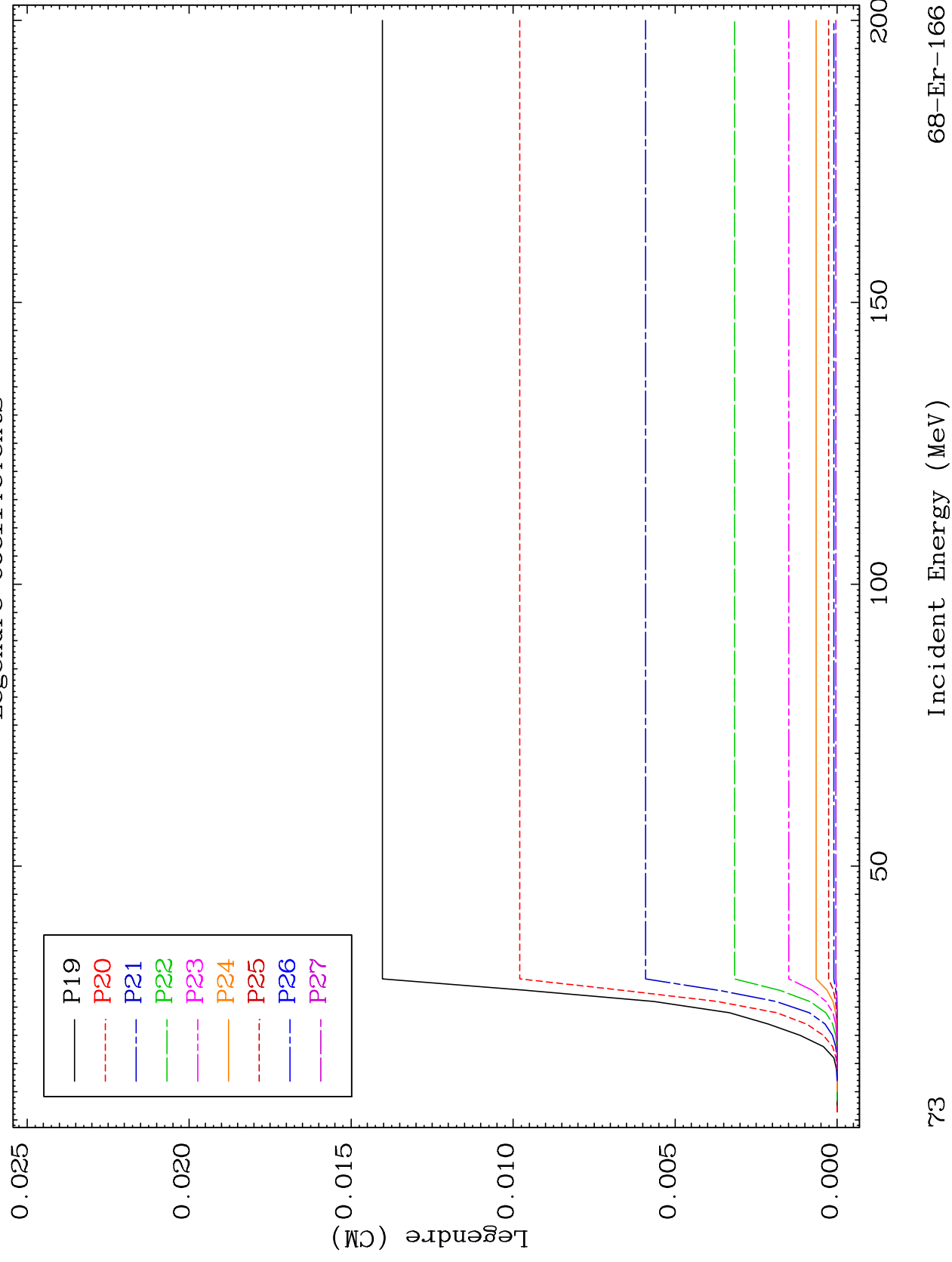
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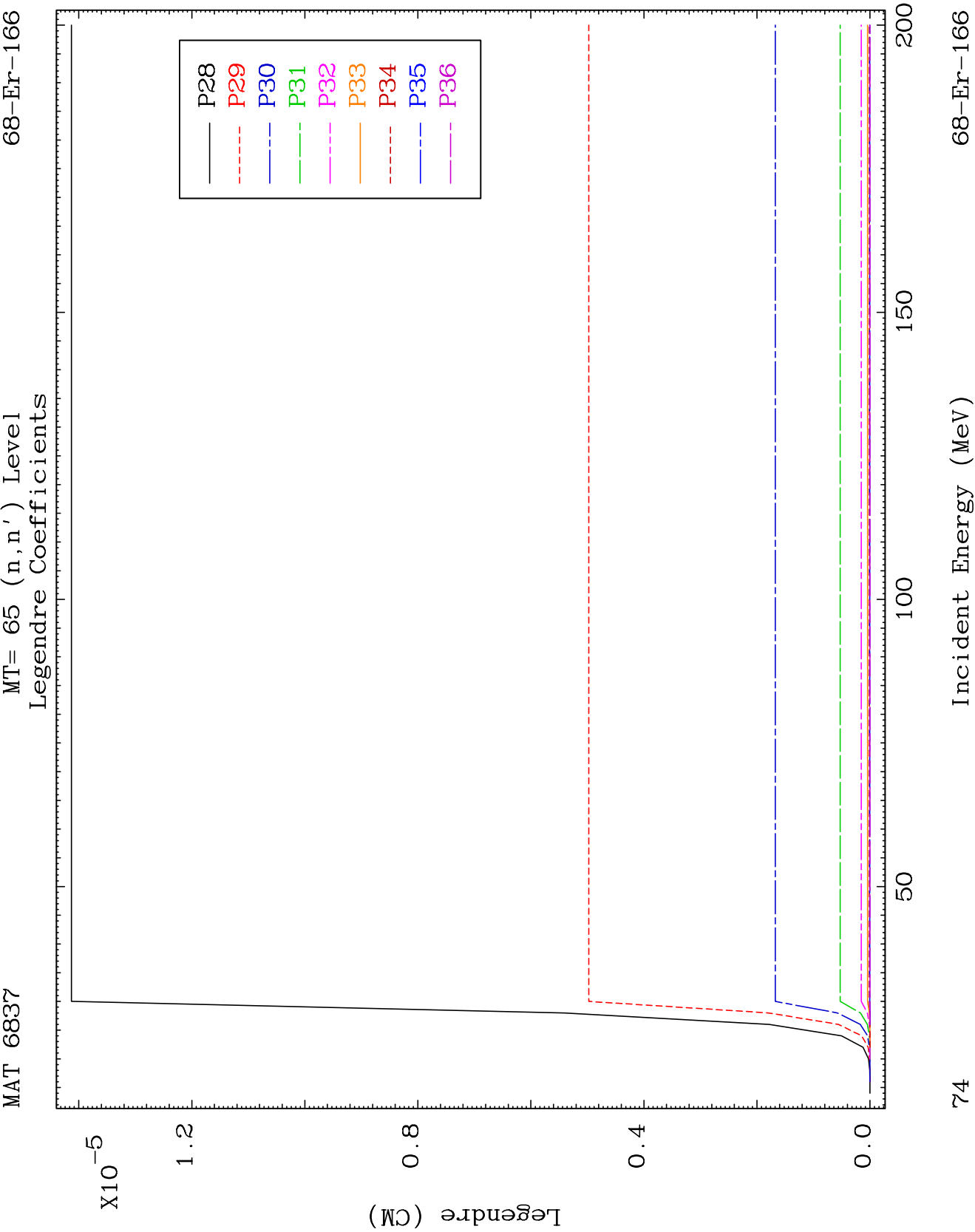


MAT 6837

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

68-Er-166

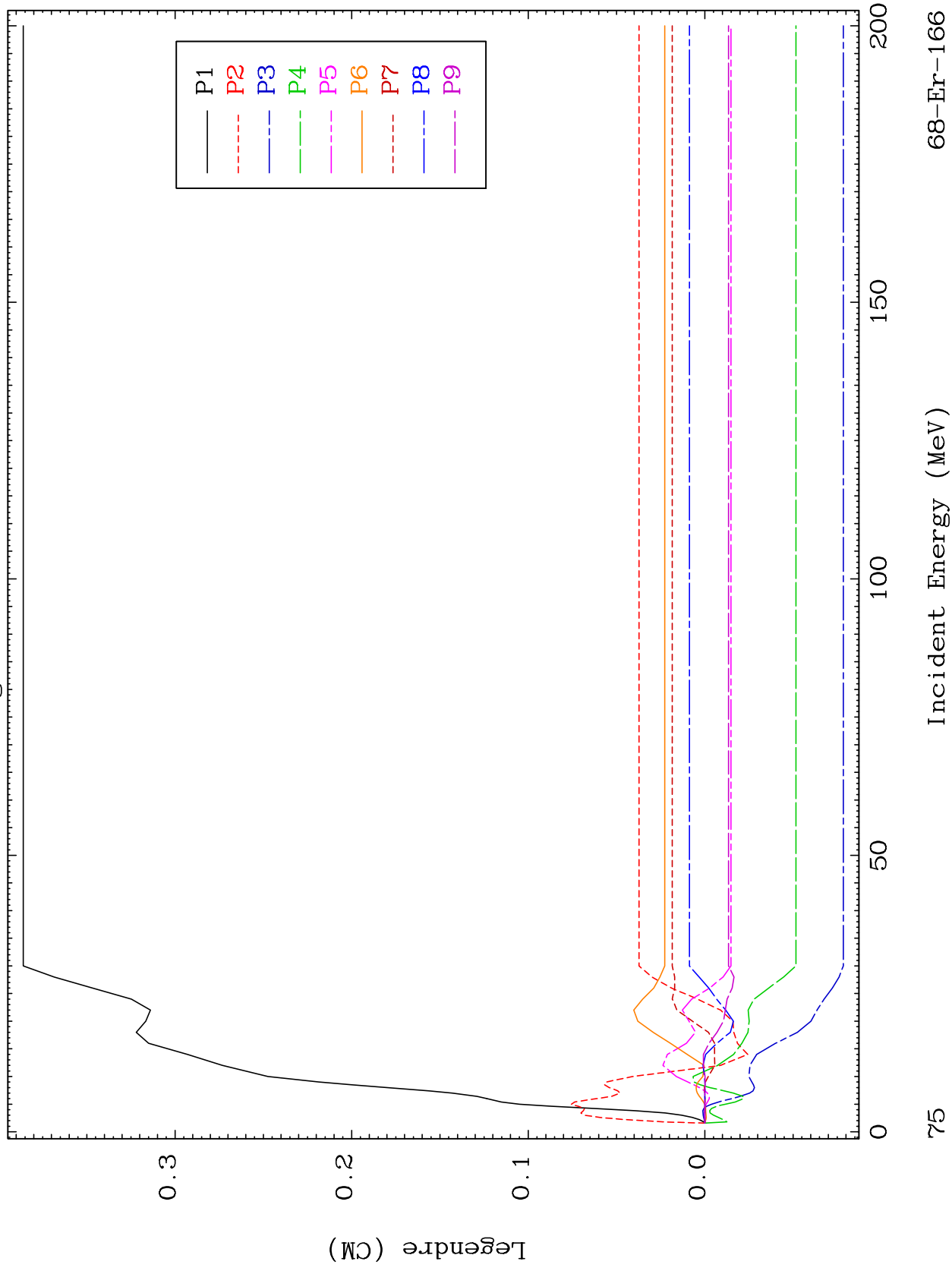


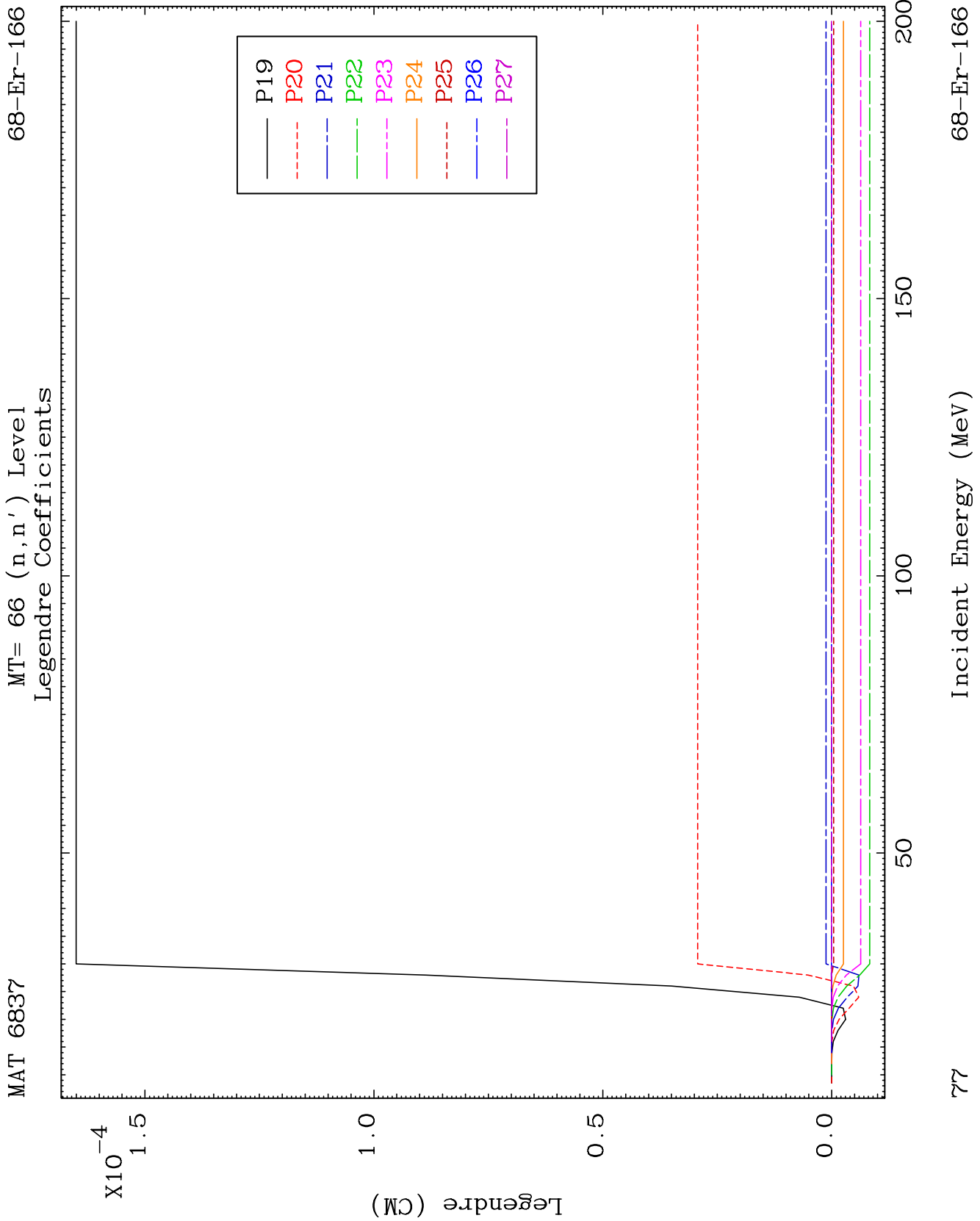


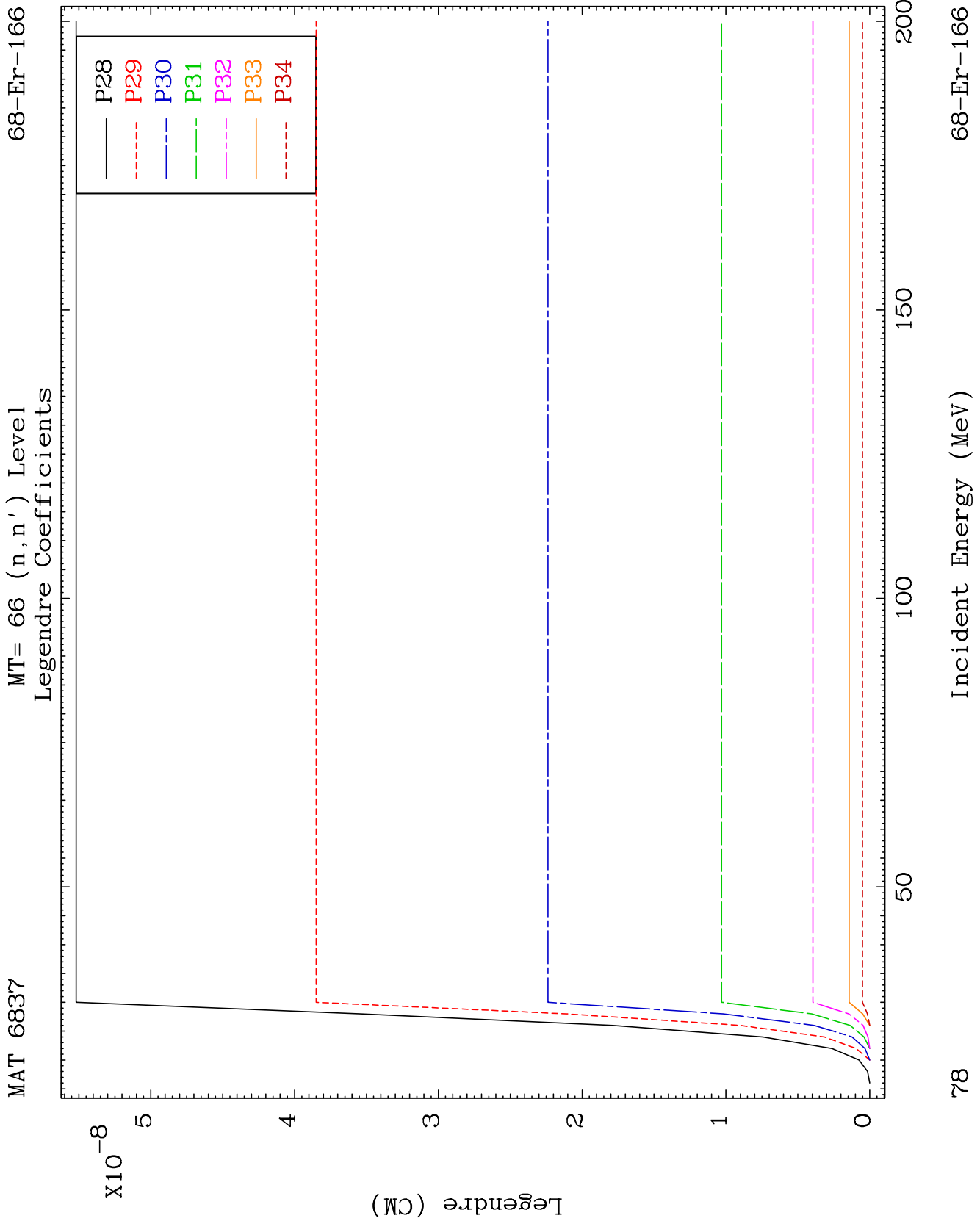
MAT 6837

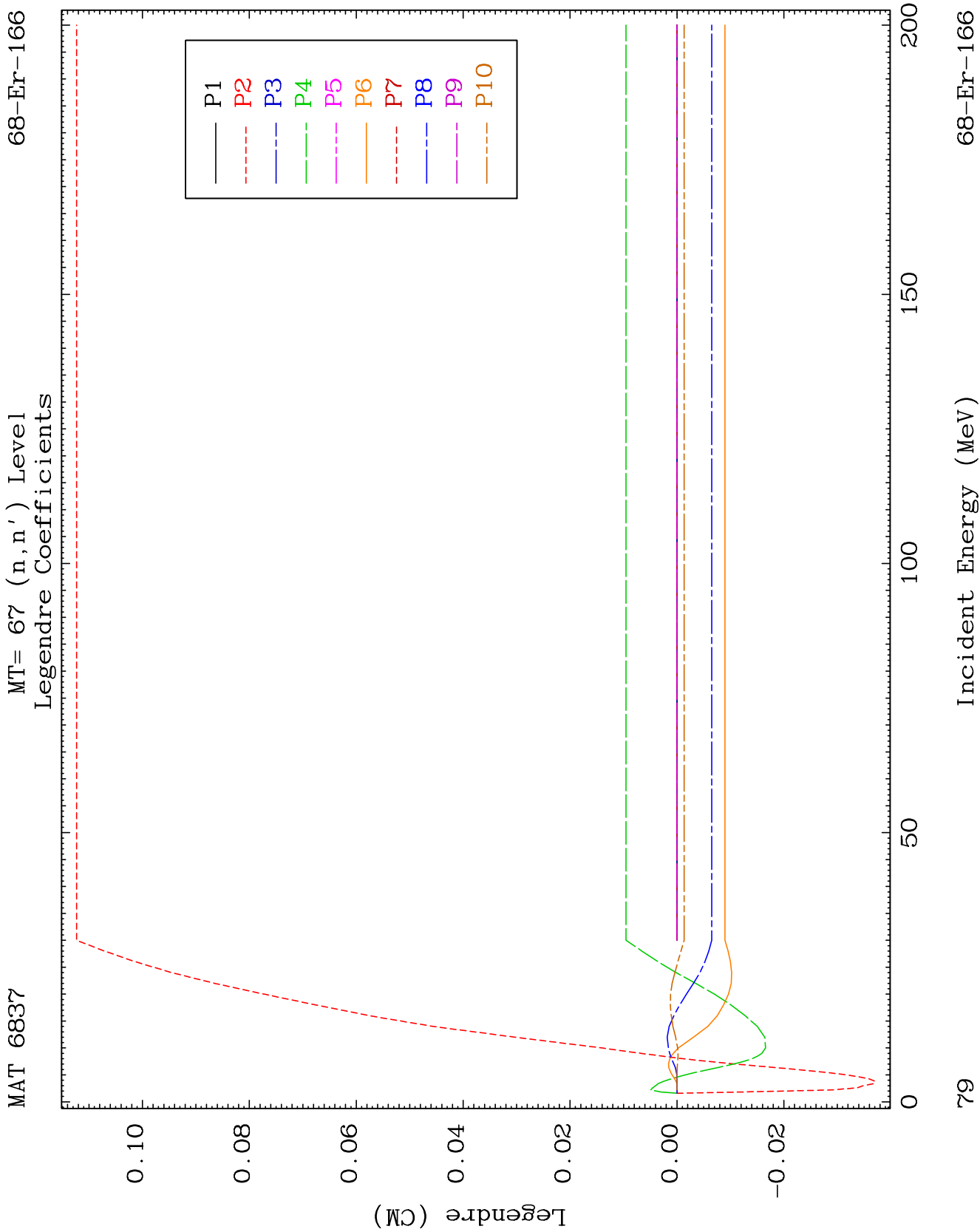
MT= 66 (n, n') Level
Legendre Coefficients

68-Er-166





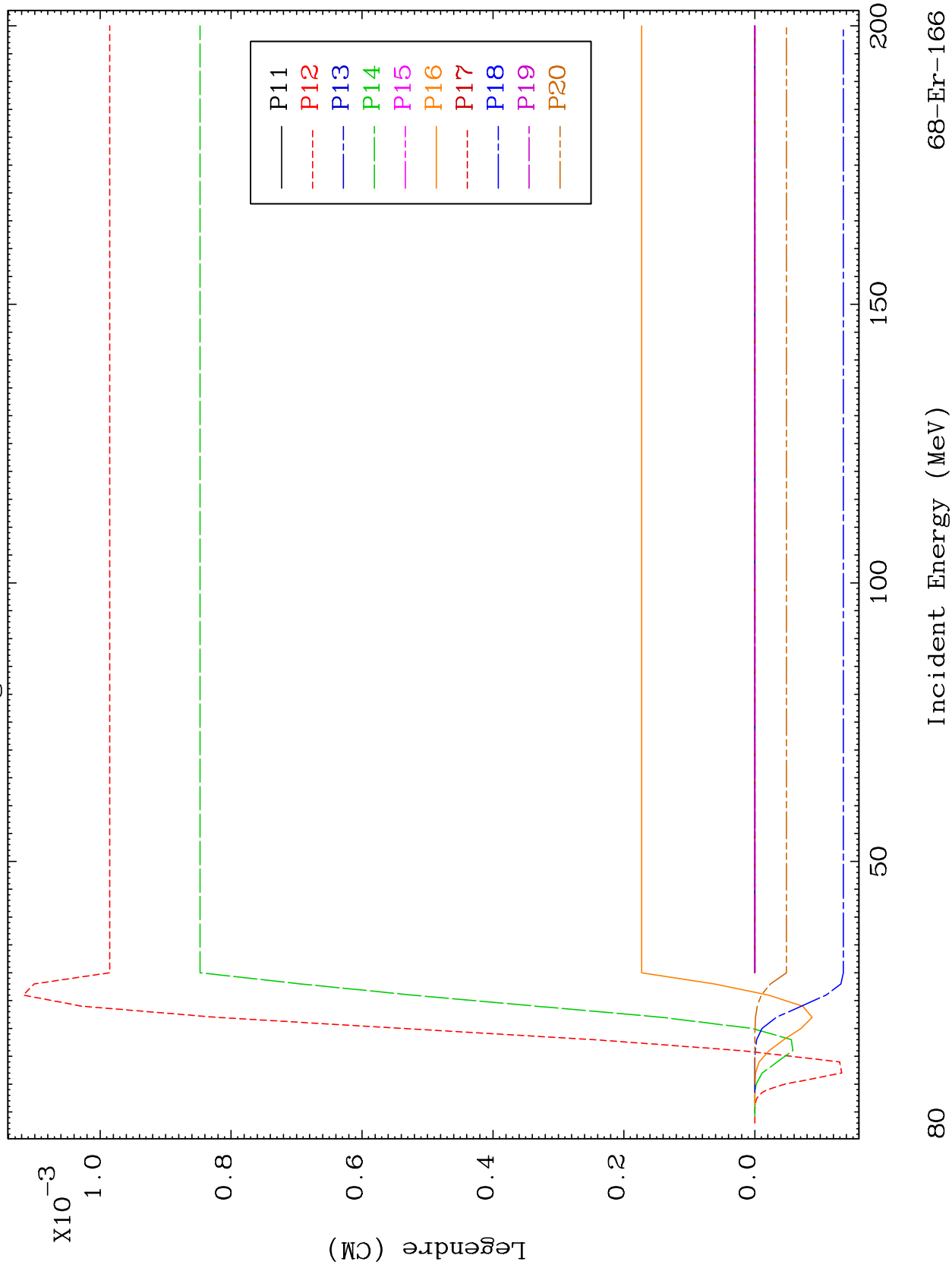


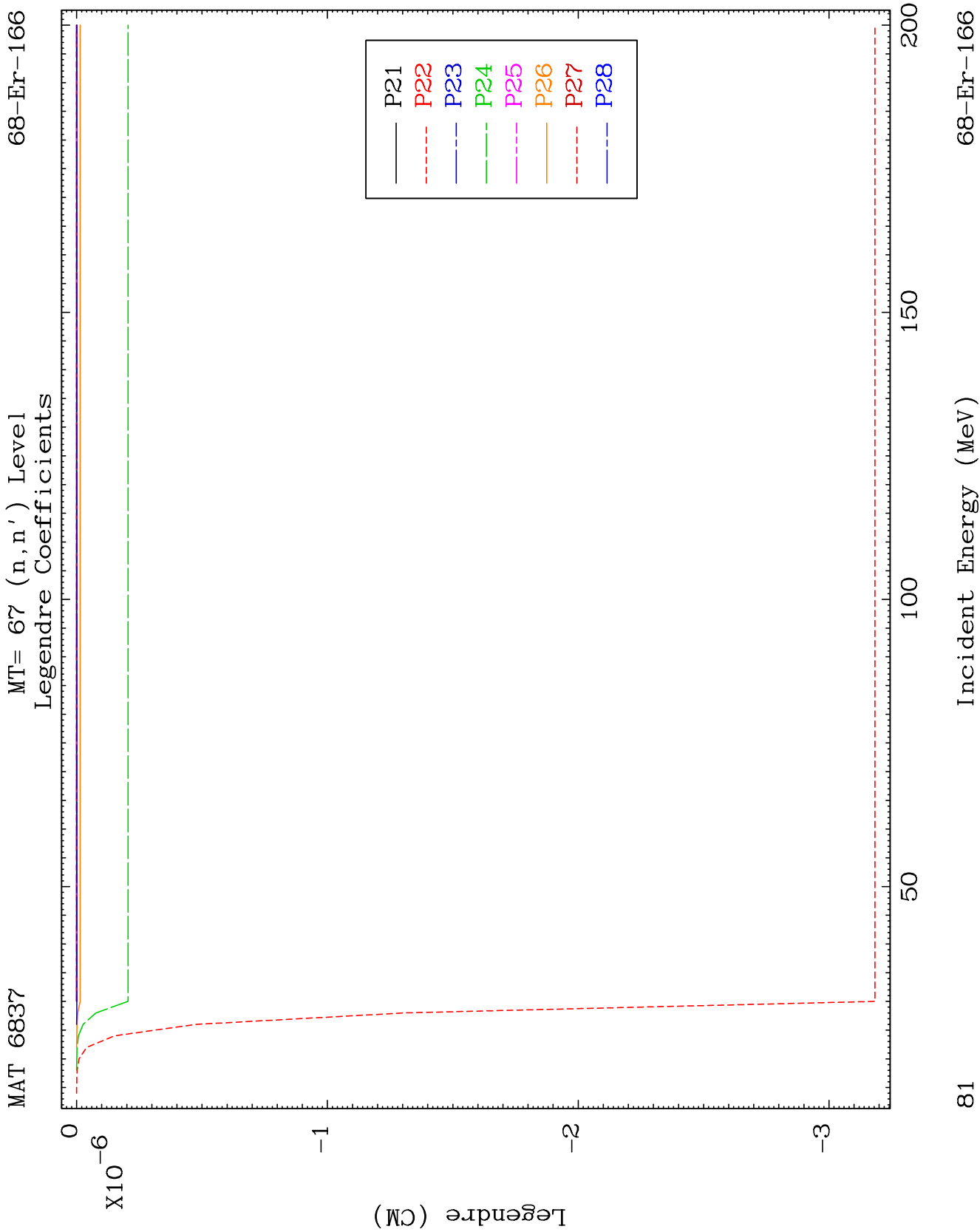


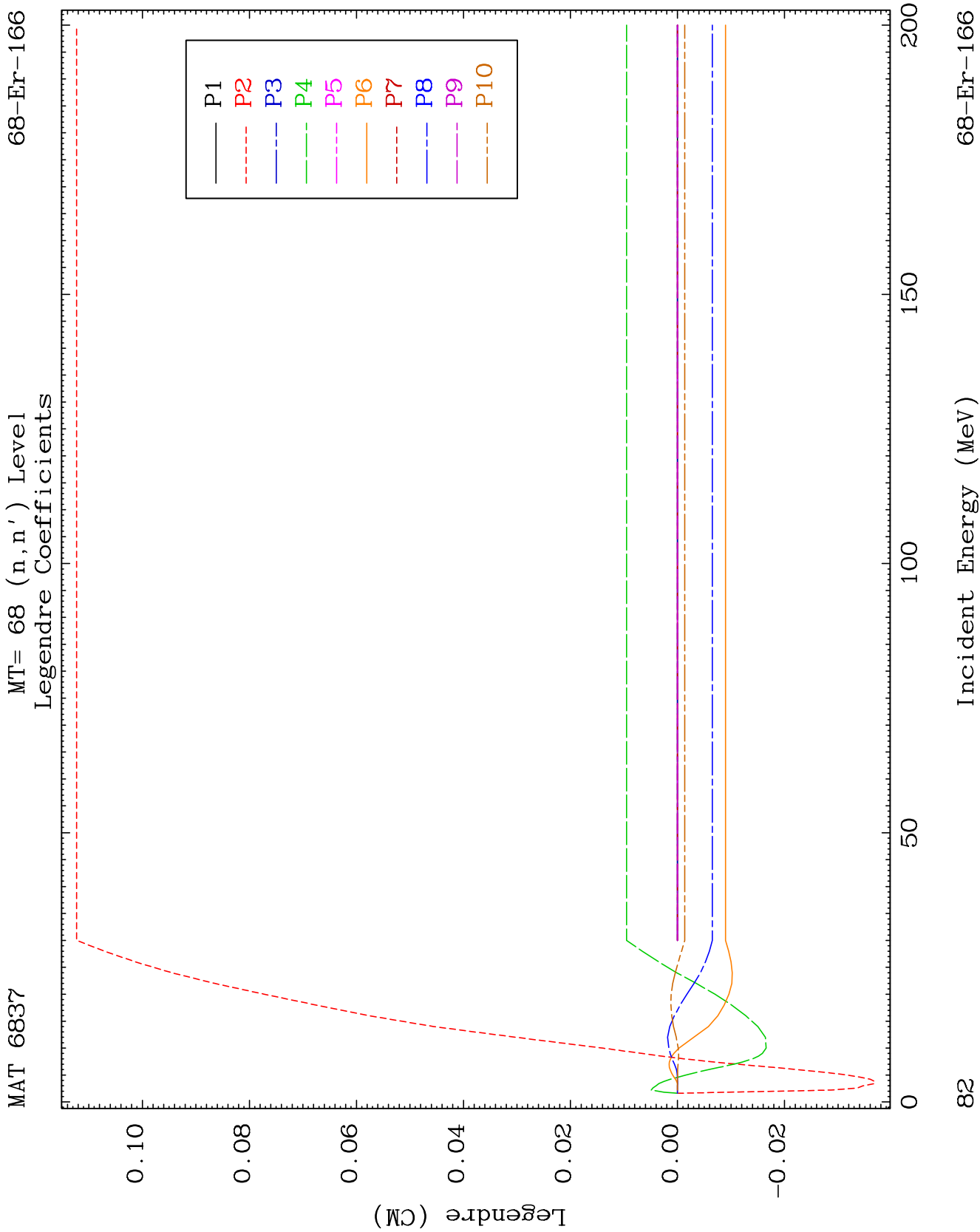
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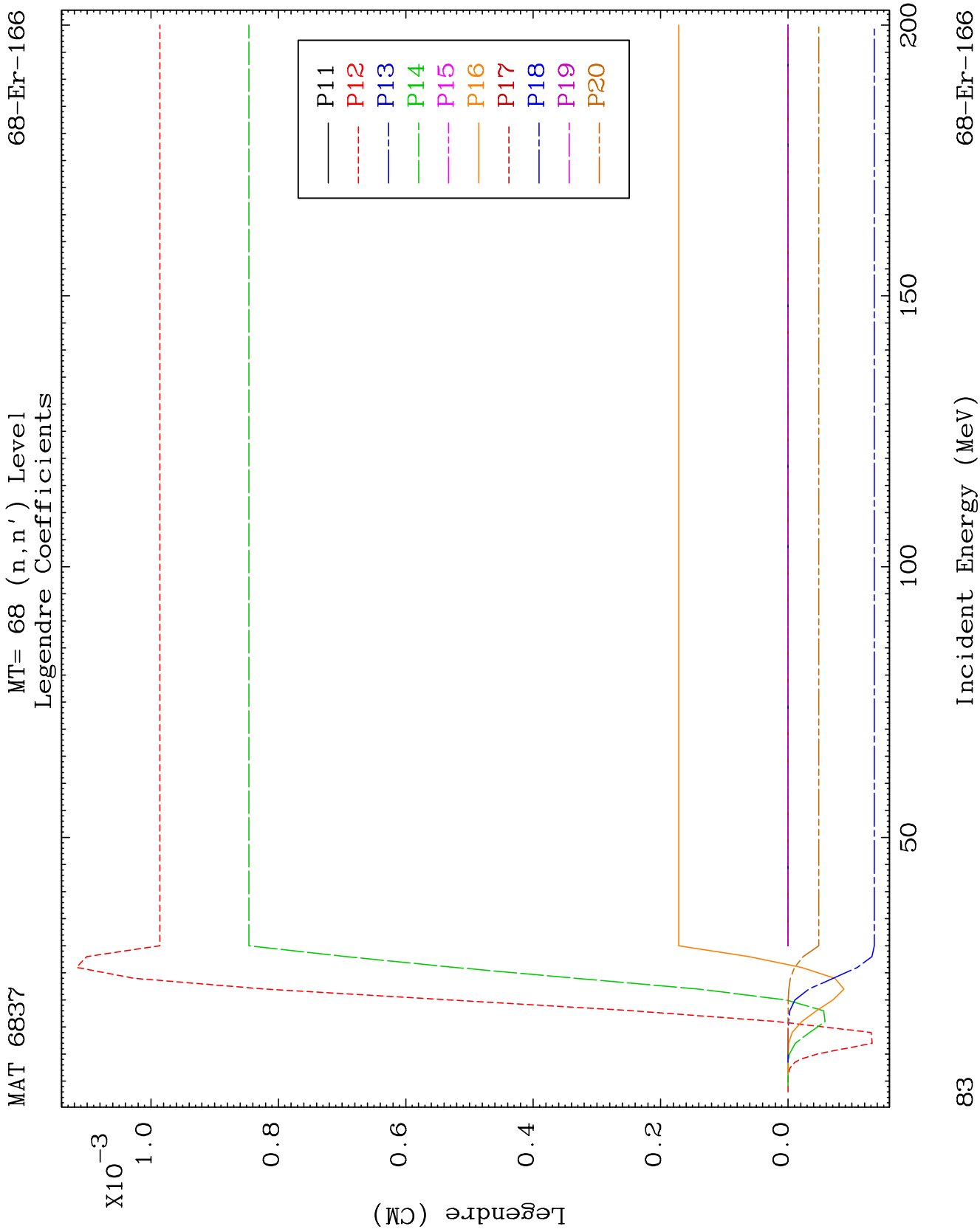
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Legendre Coefficients

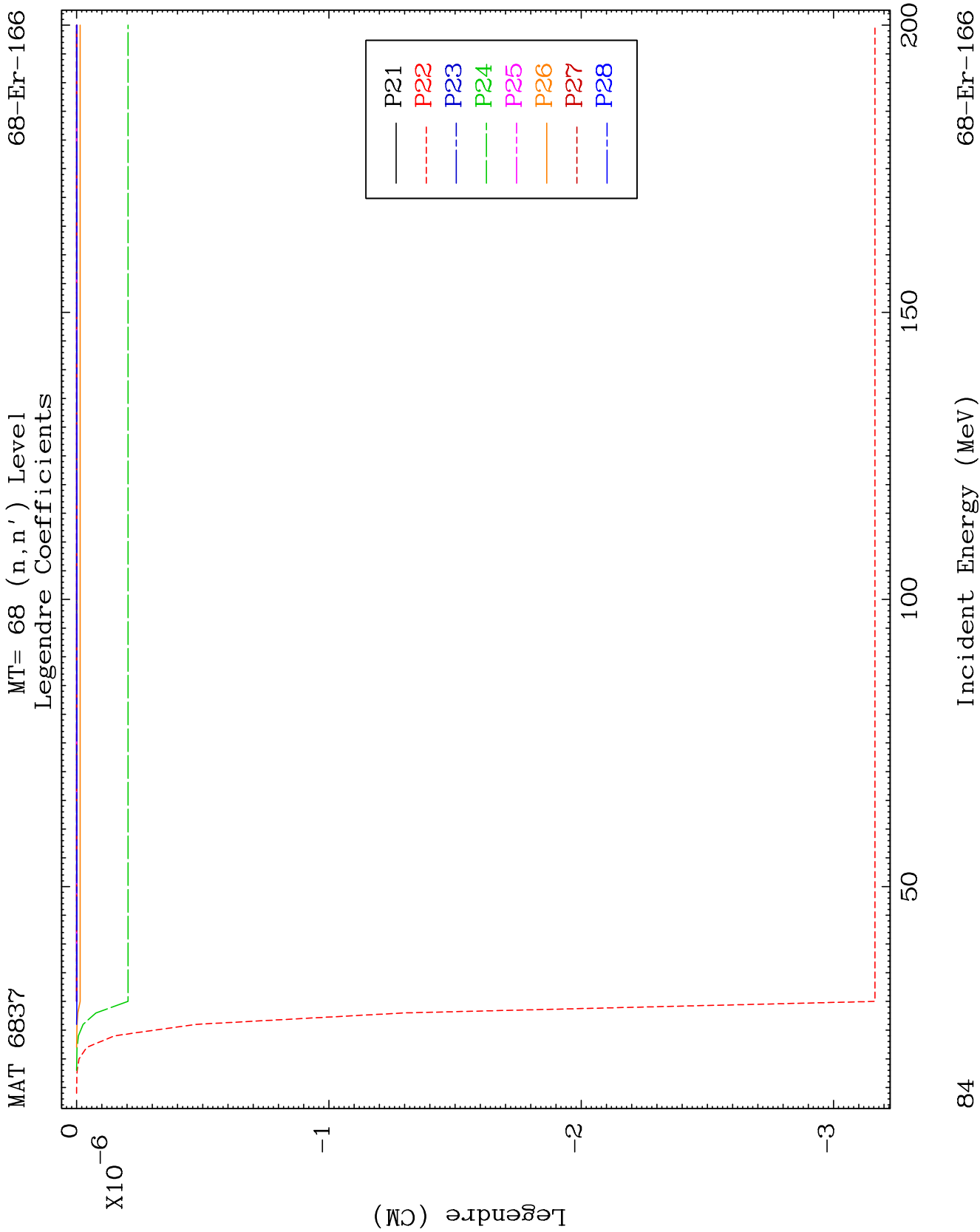
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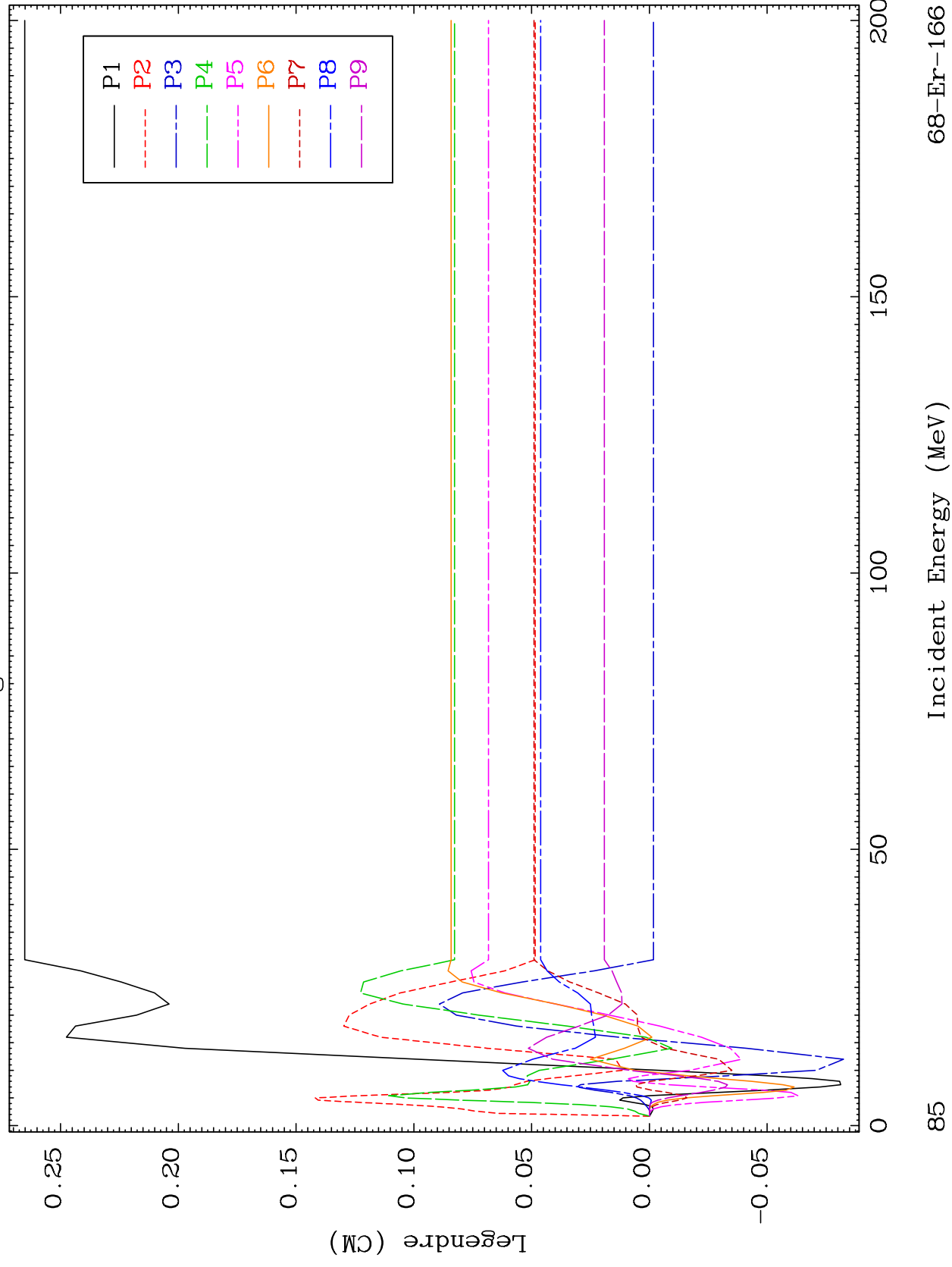




MAT 6837

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

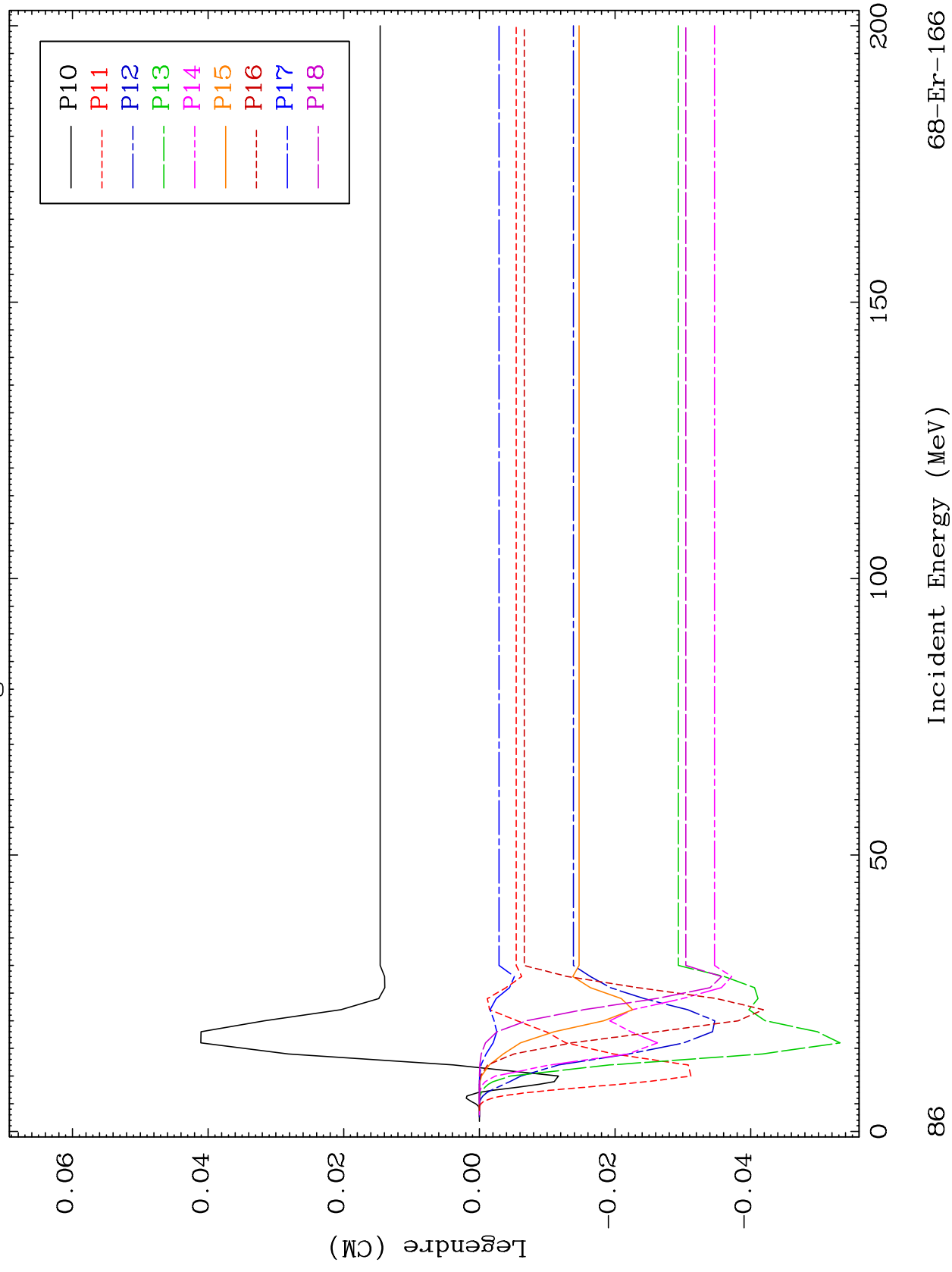
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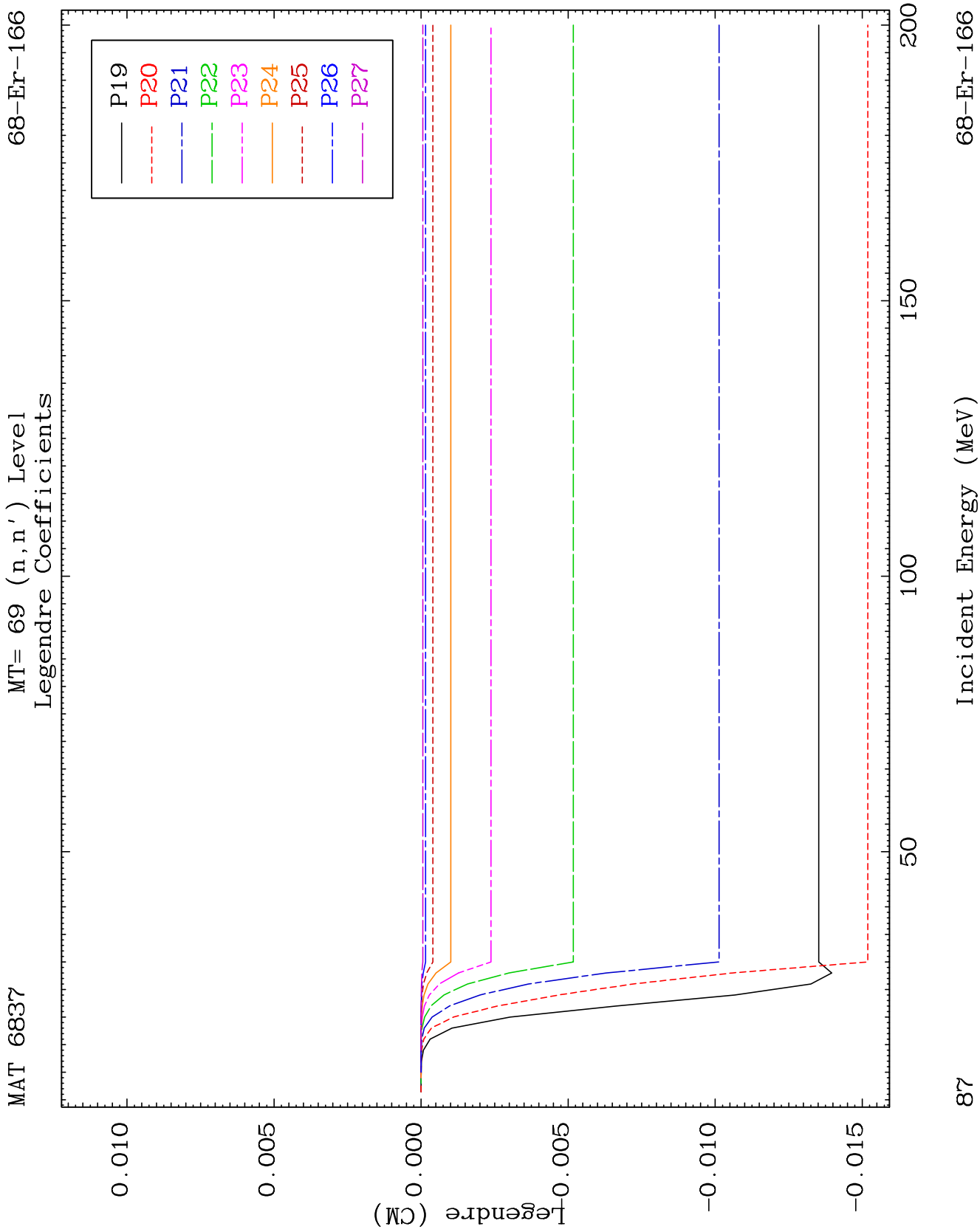


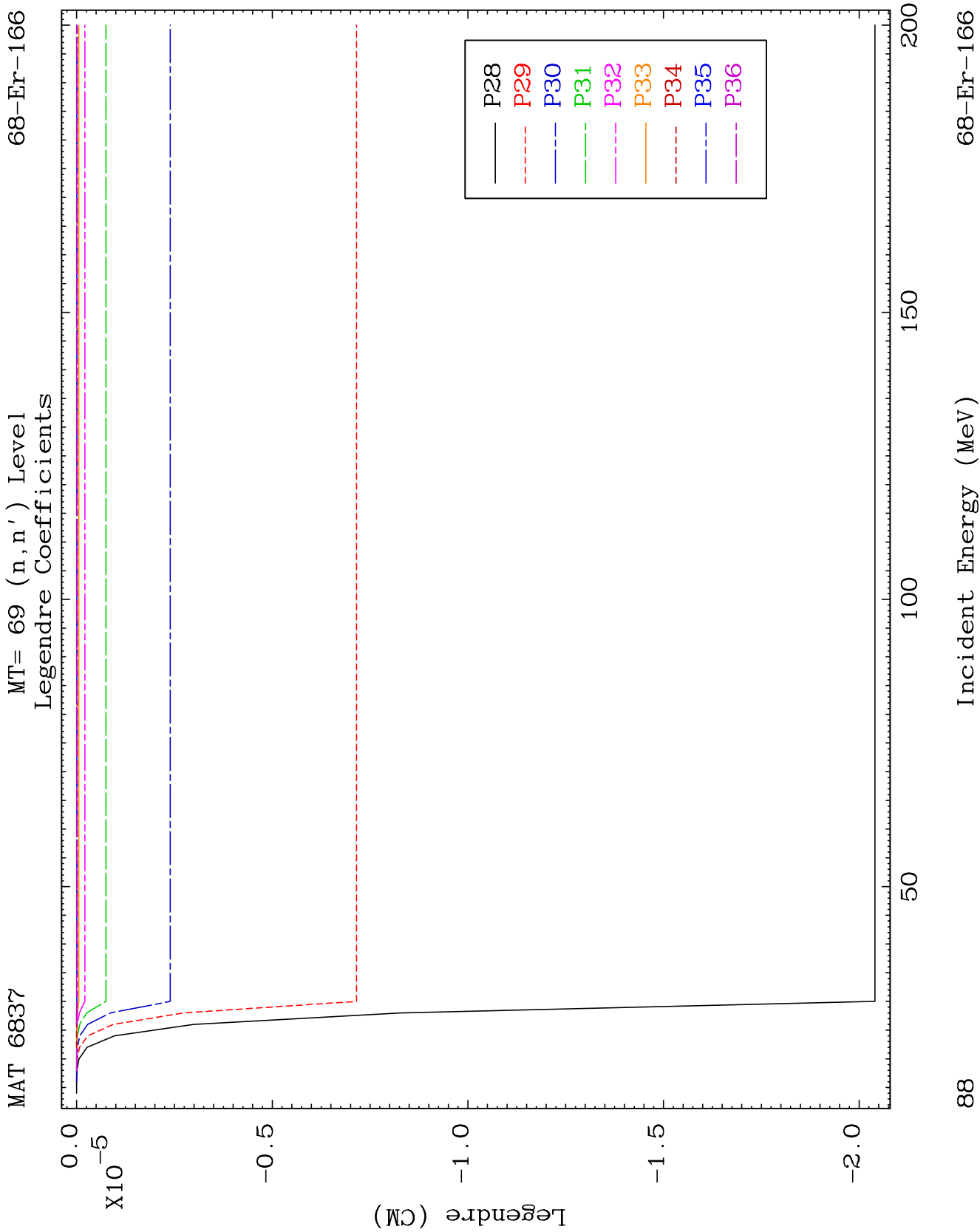
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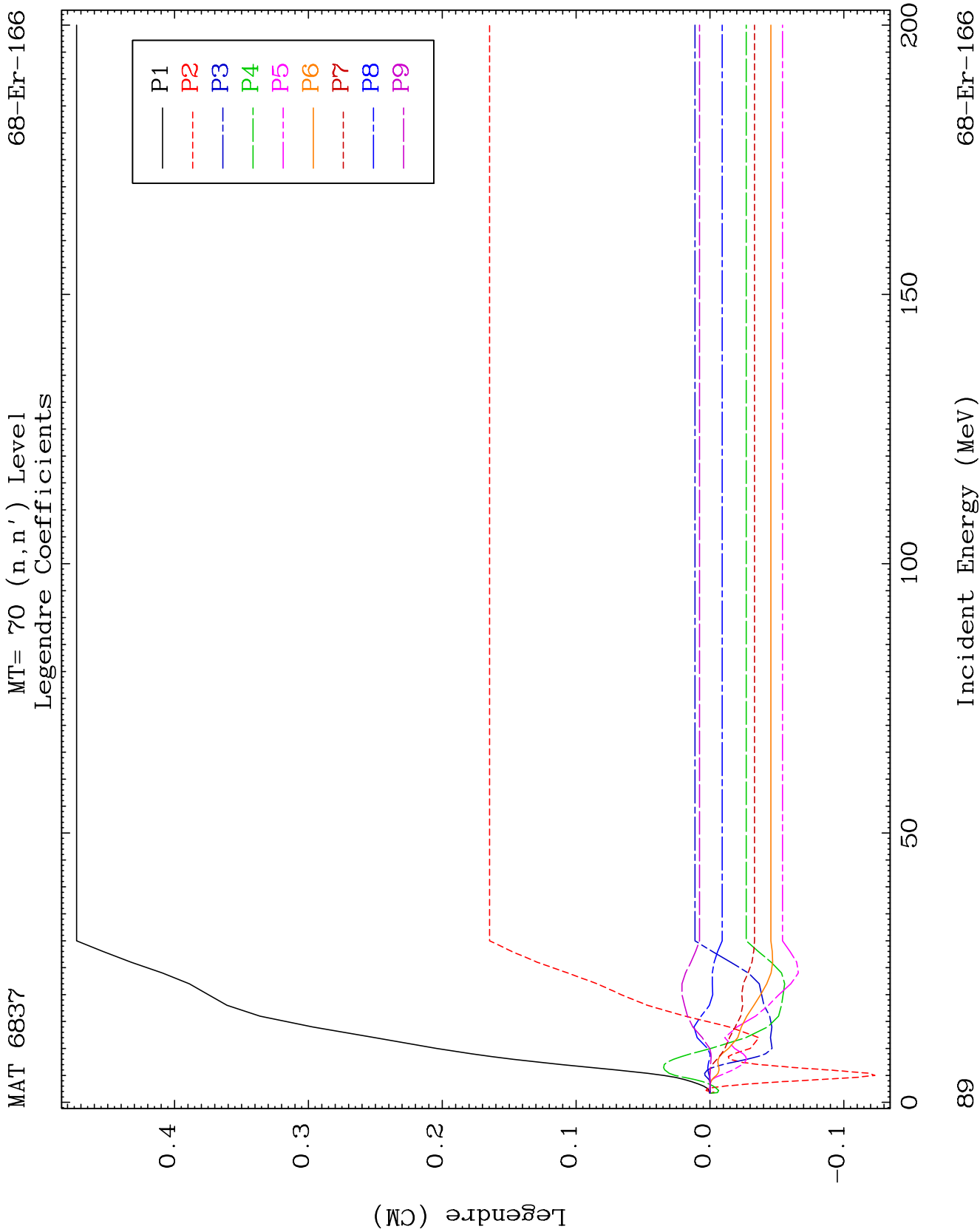
MT= 69 (n, n') Level
Legendre Coefficients

68-Er-166





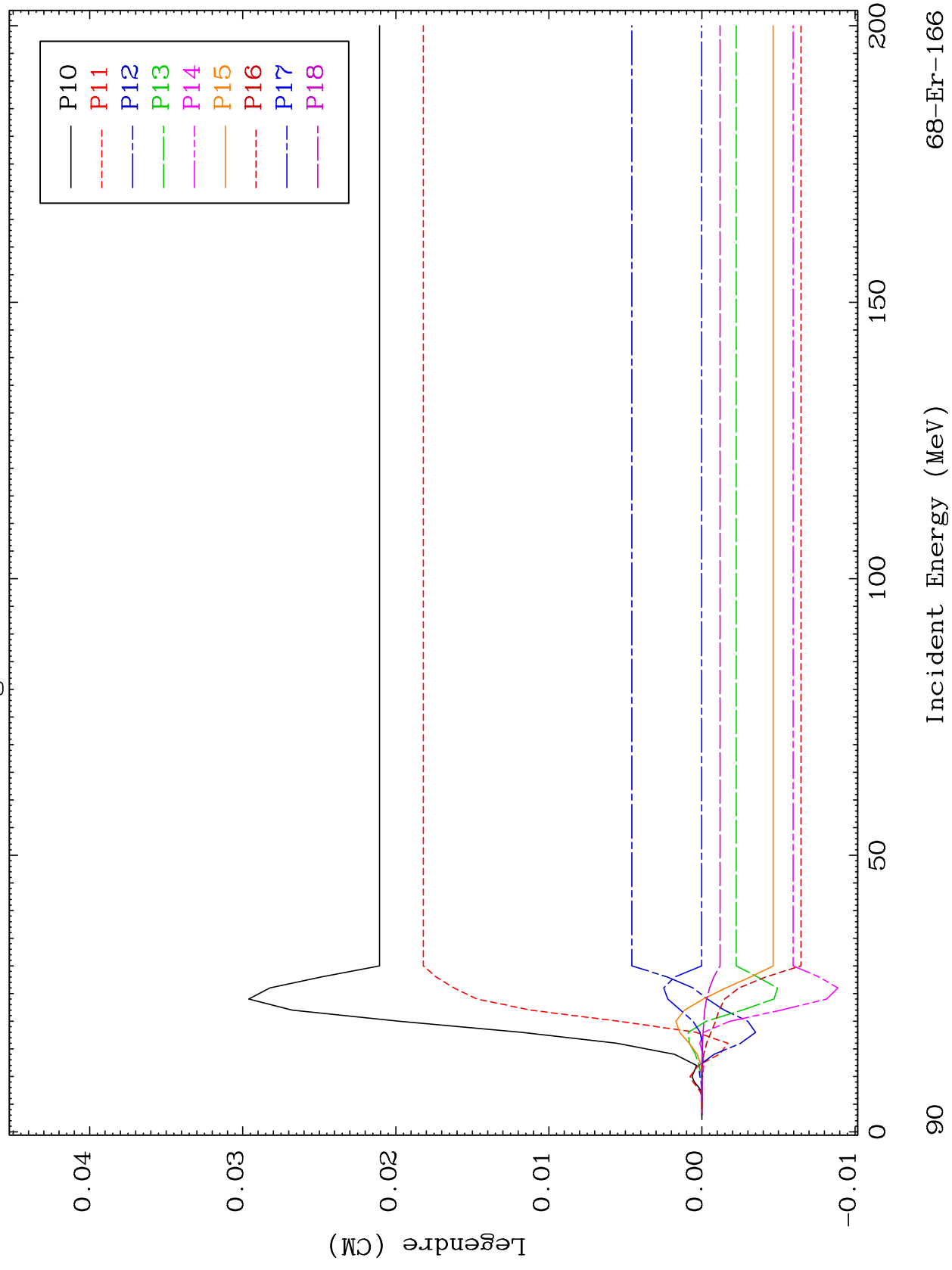


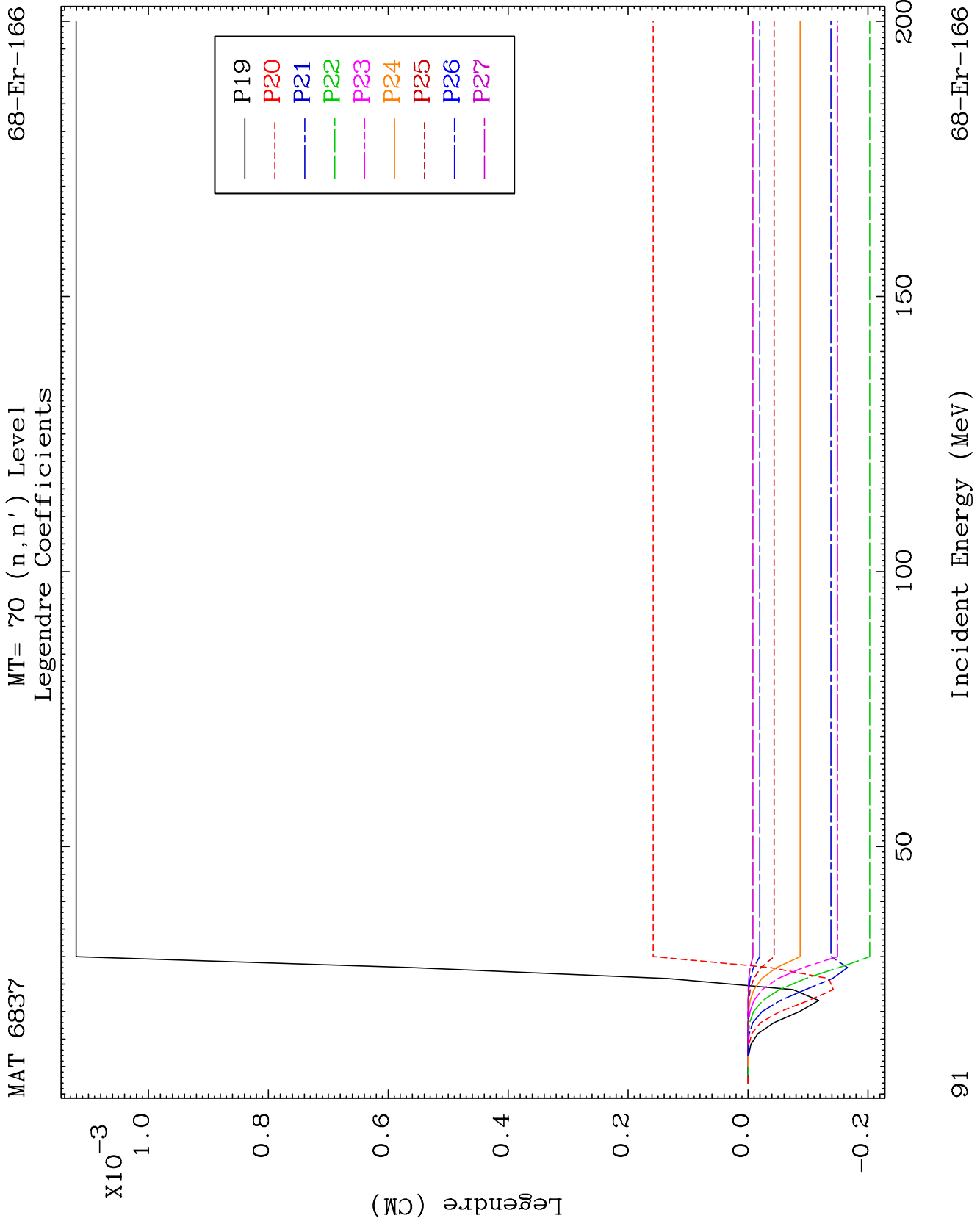


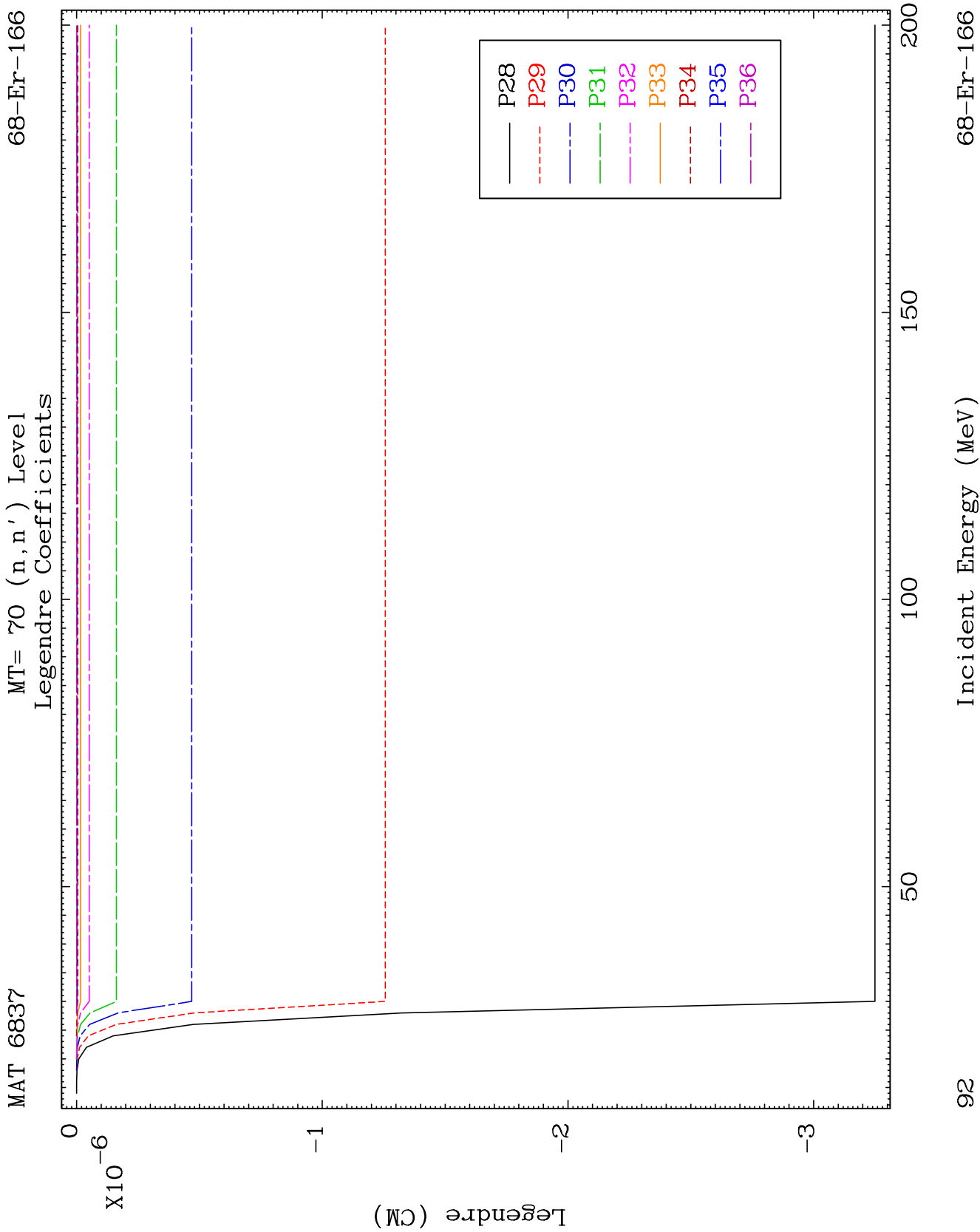
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MT= 70 (n, n') Level
Legendre Coefficients

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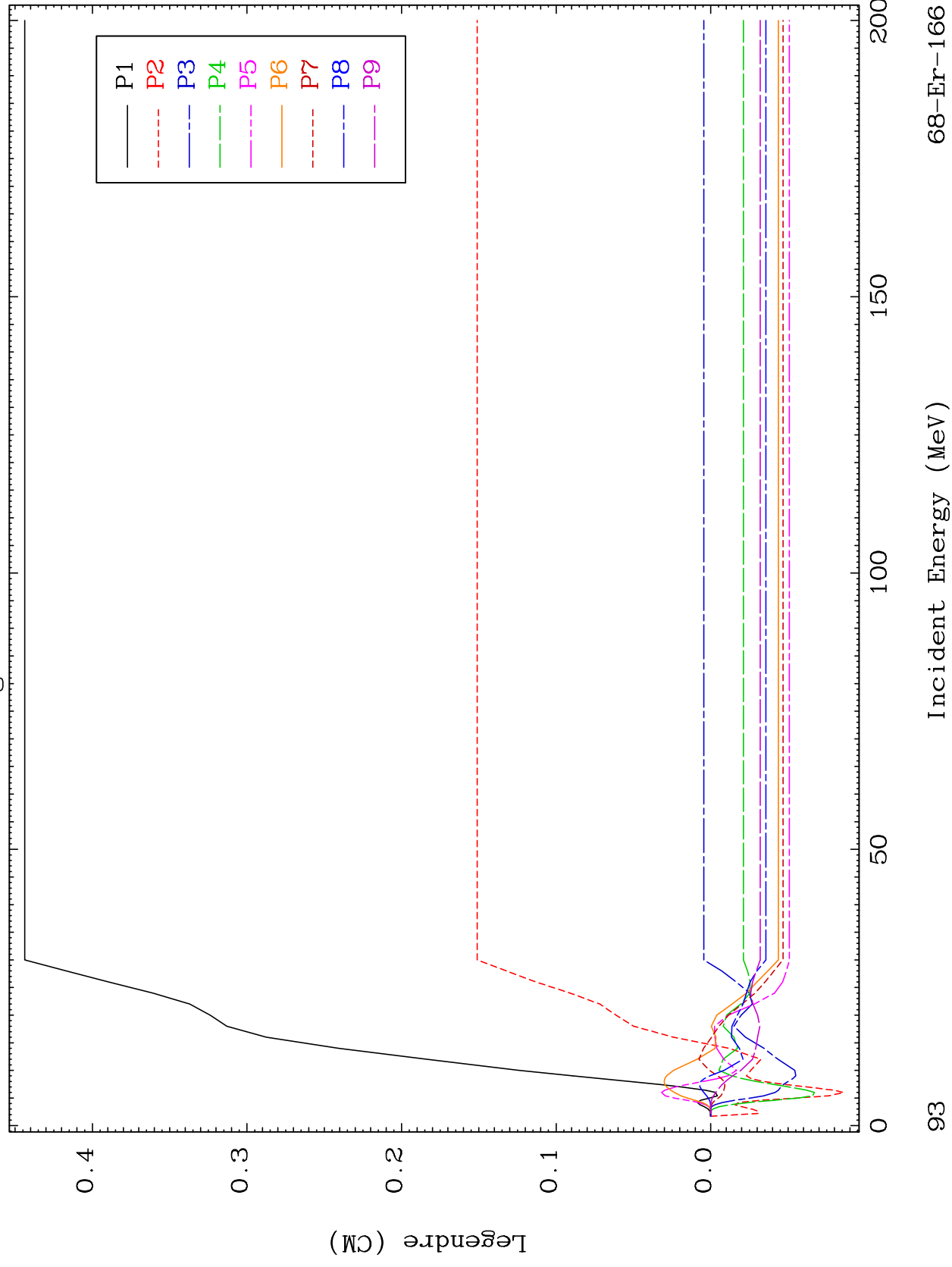


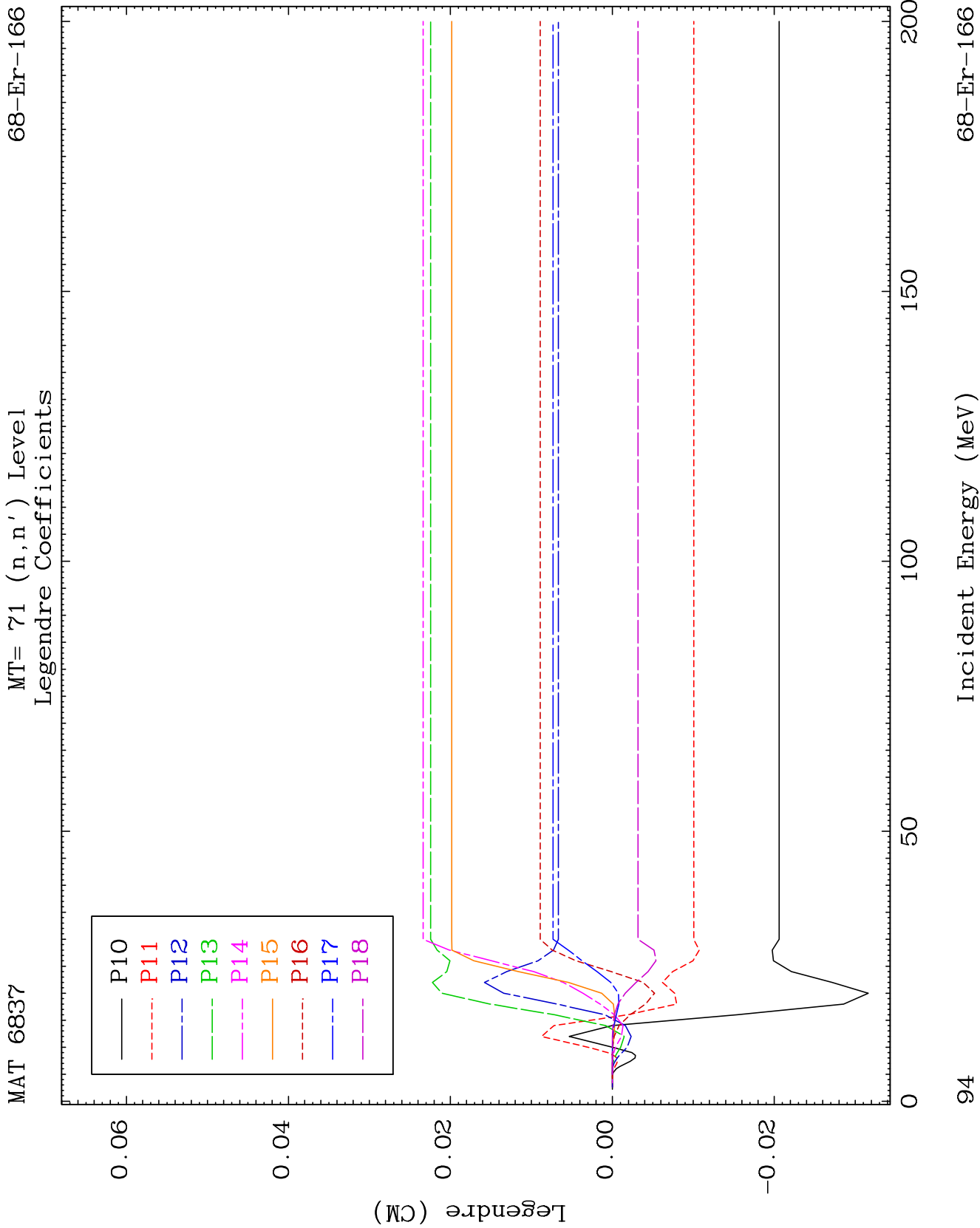


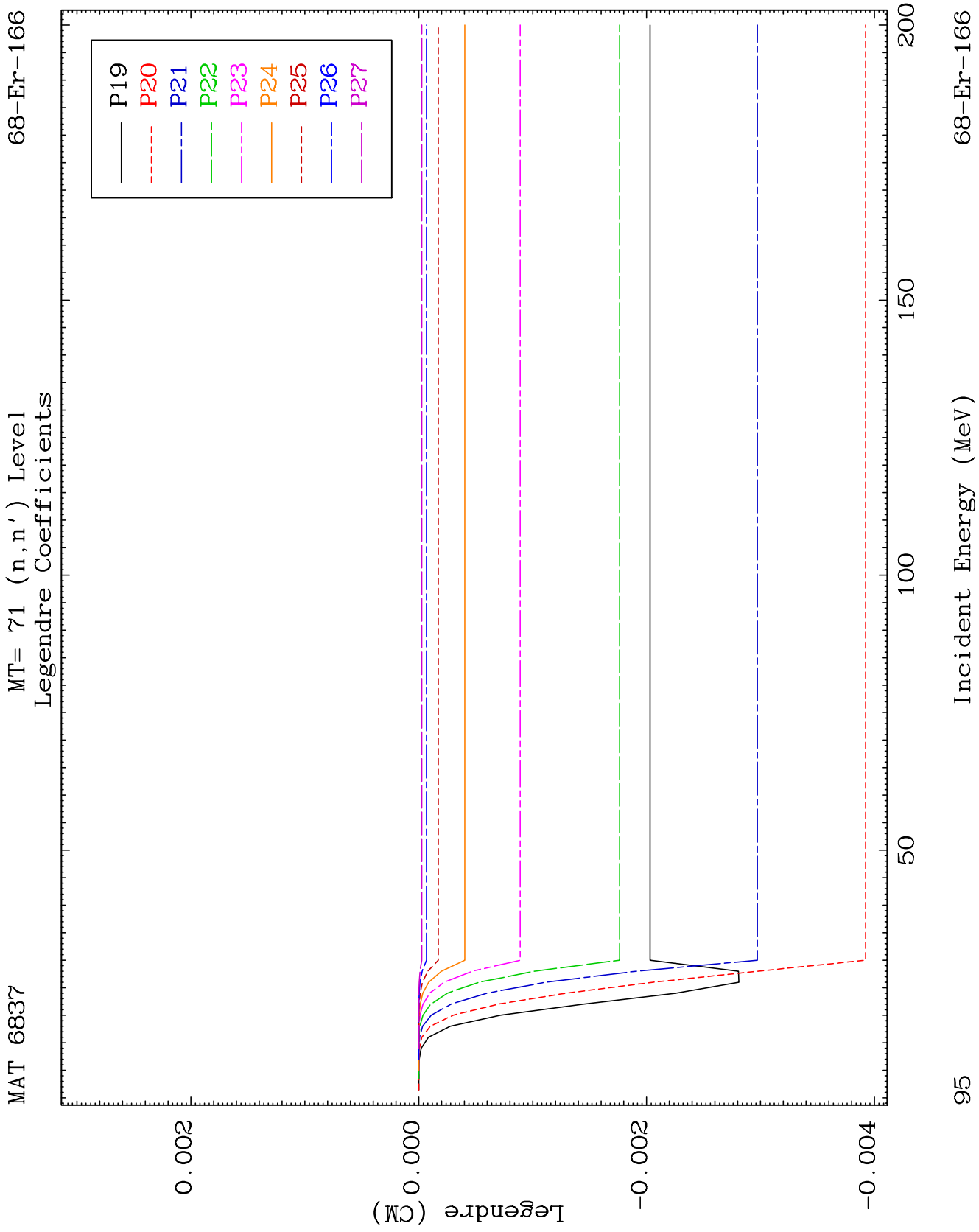
MAT 6837

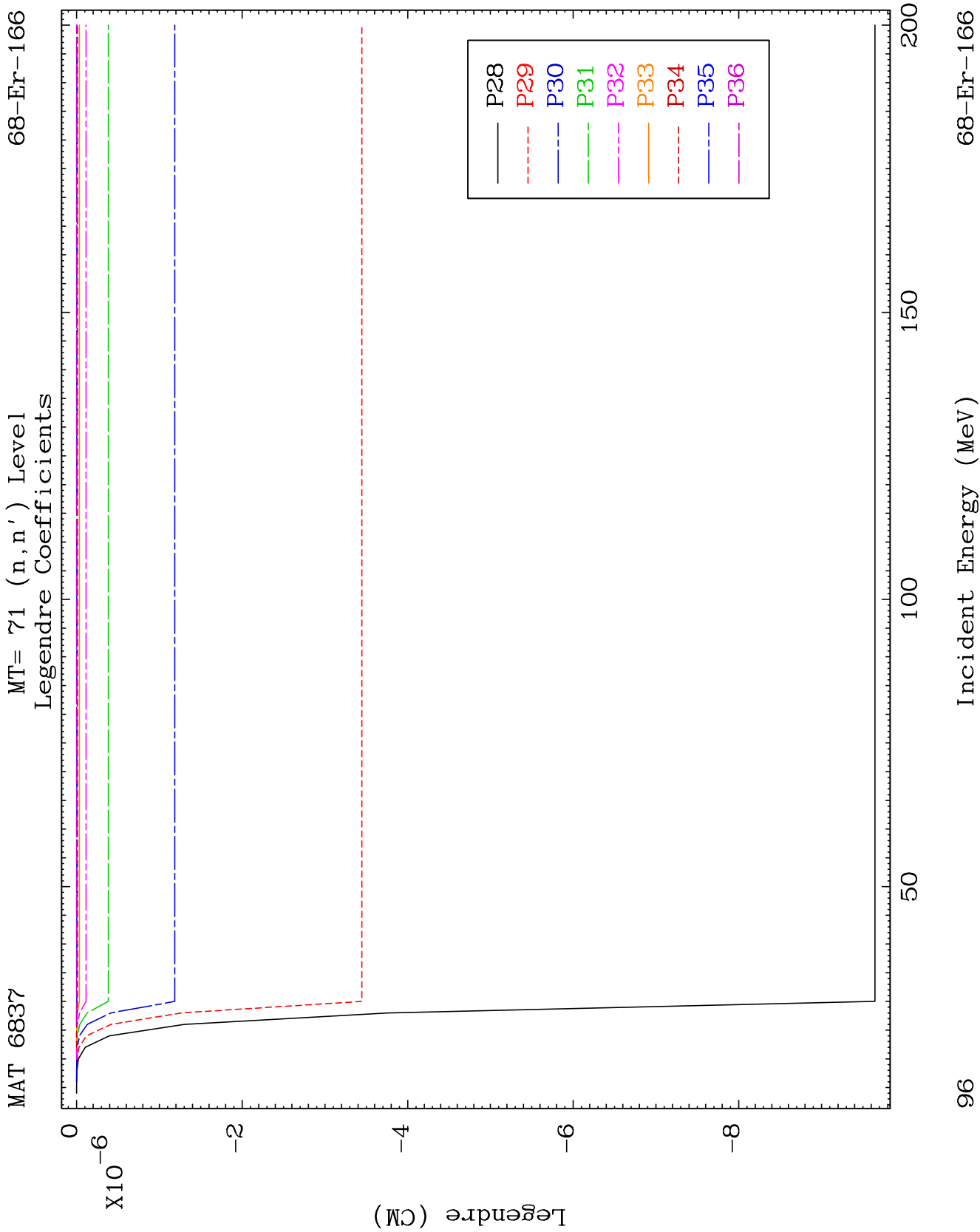
MT= 71 (n, n') Level
Legendre Coefficients

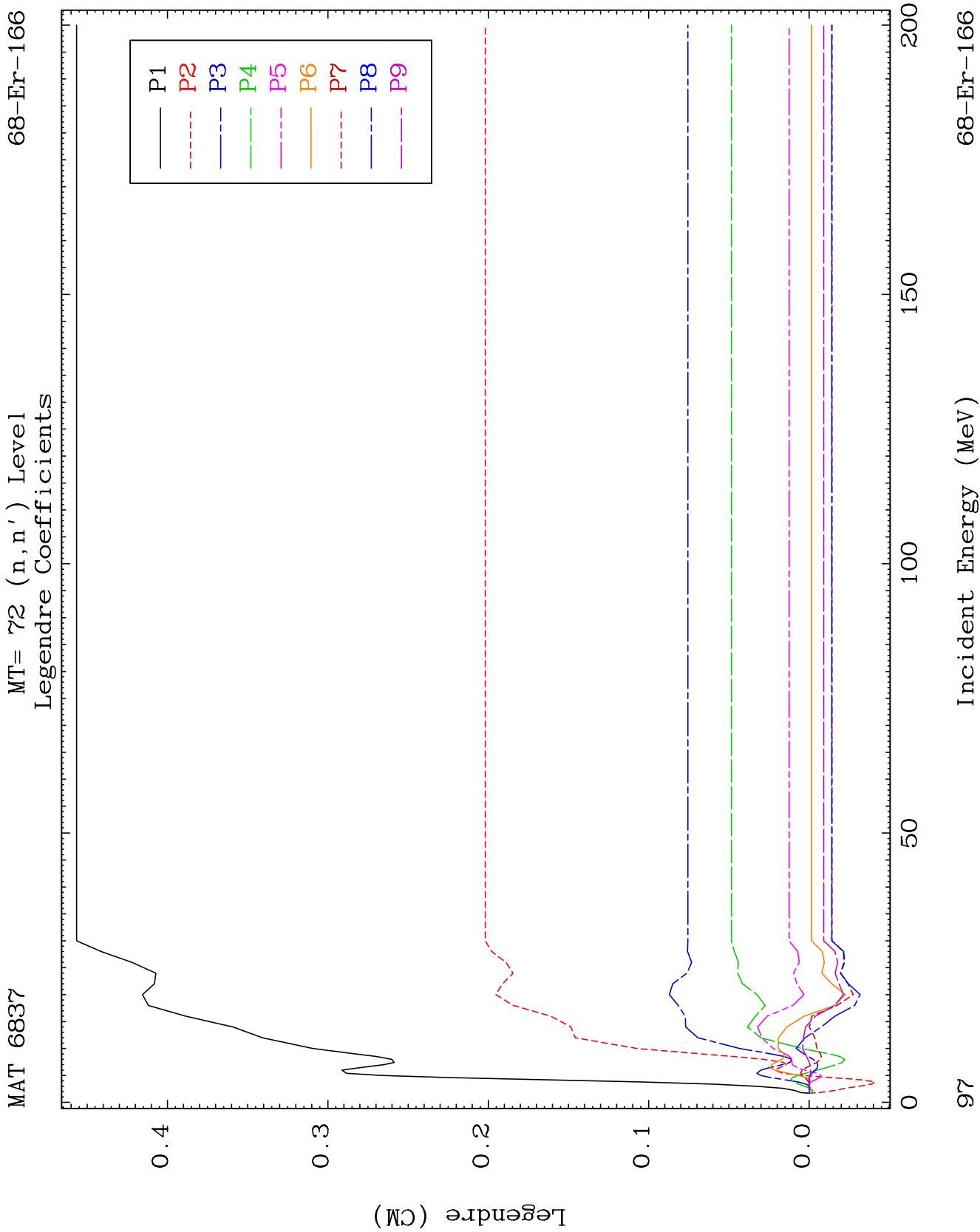
68-Er-166

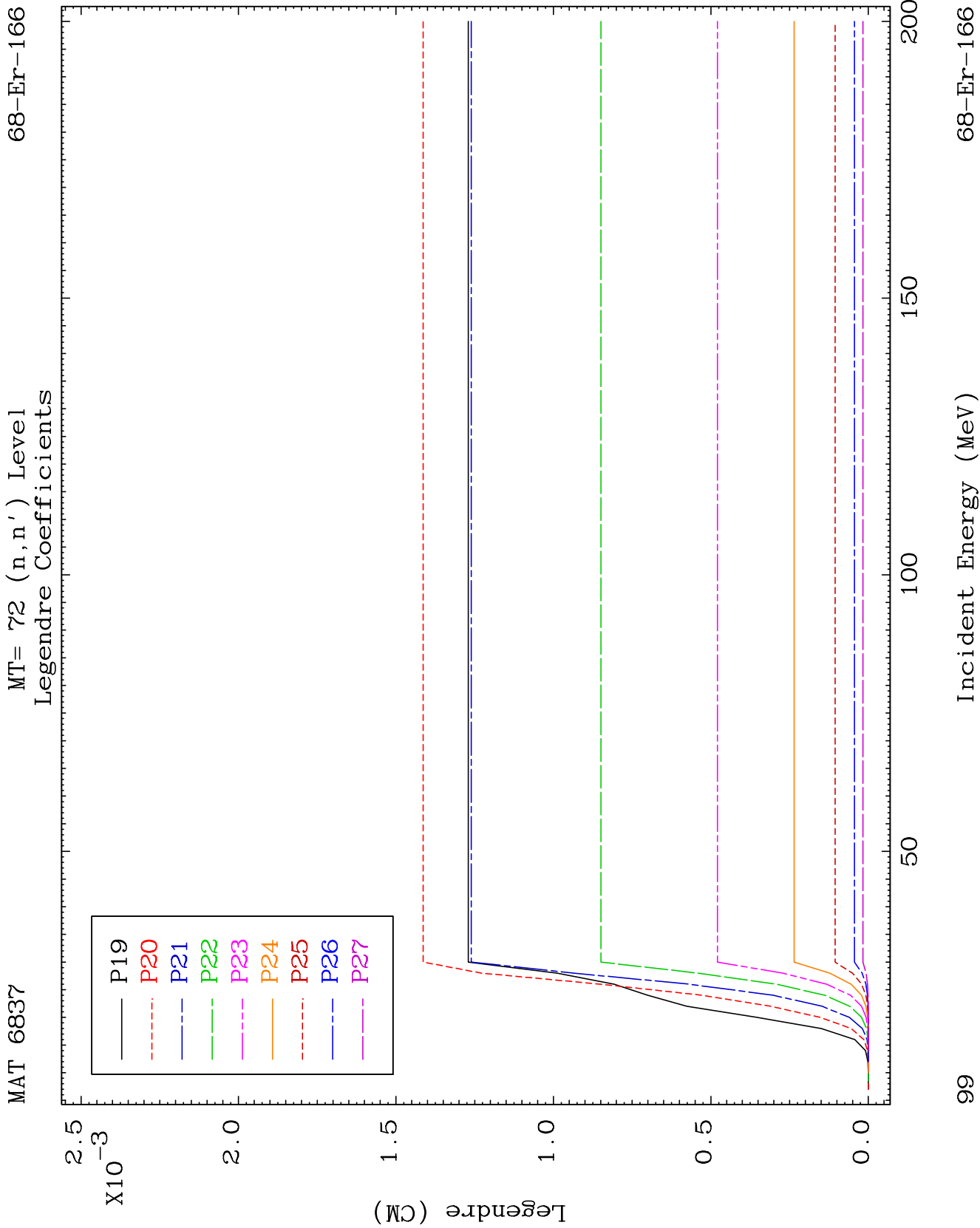


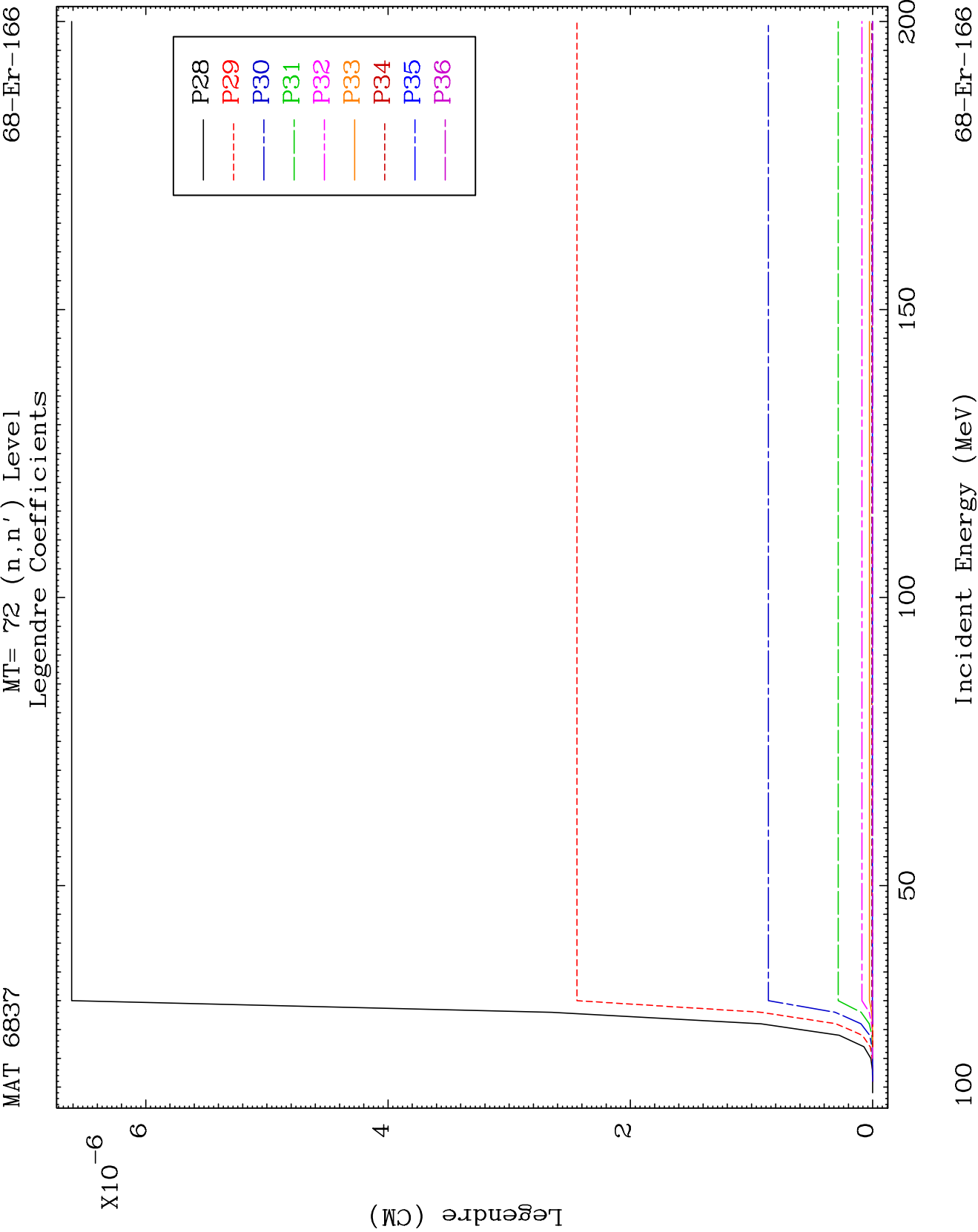


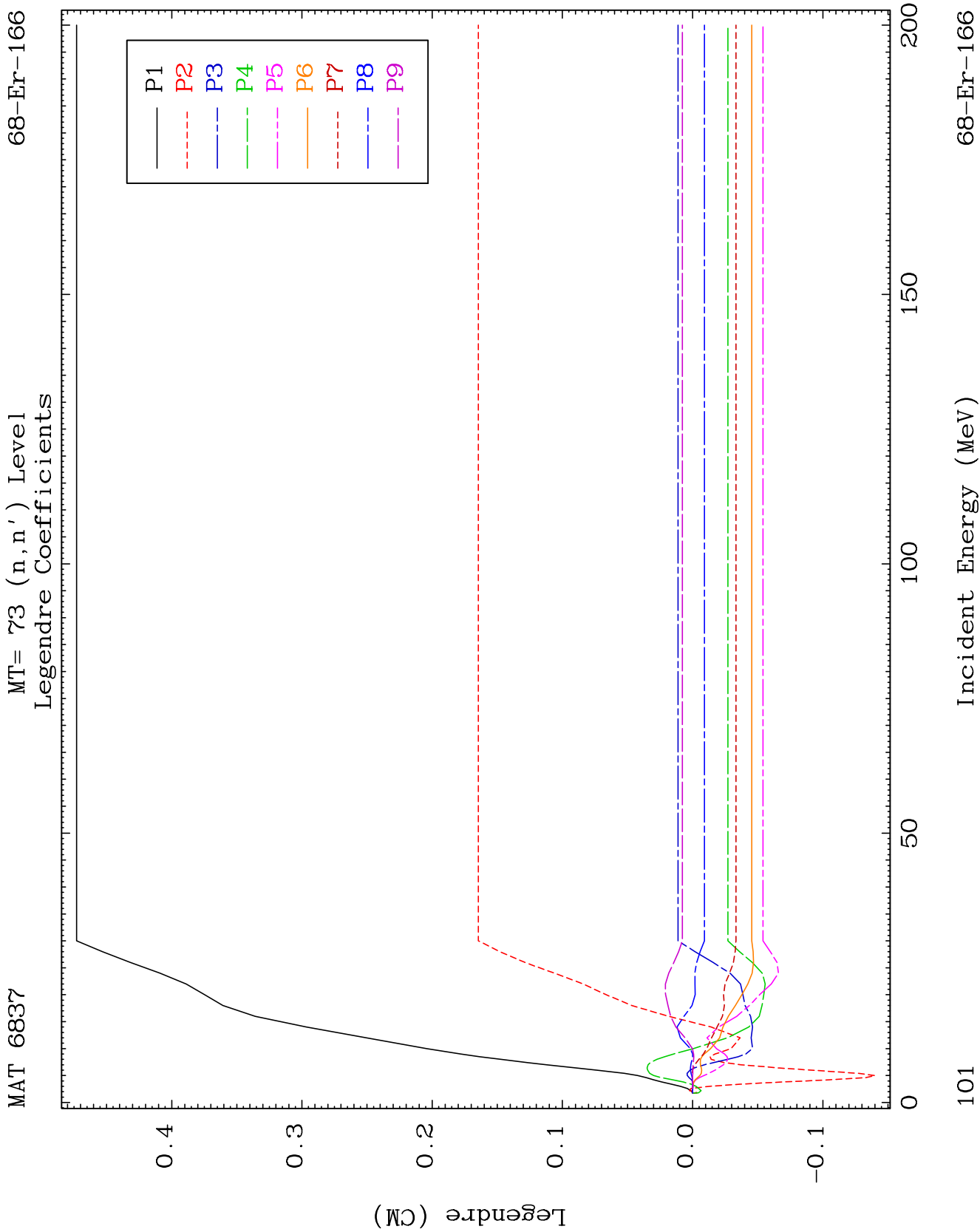


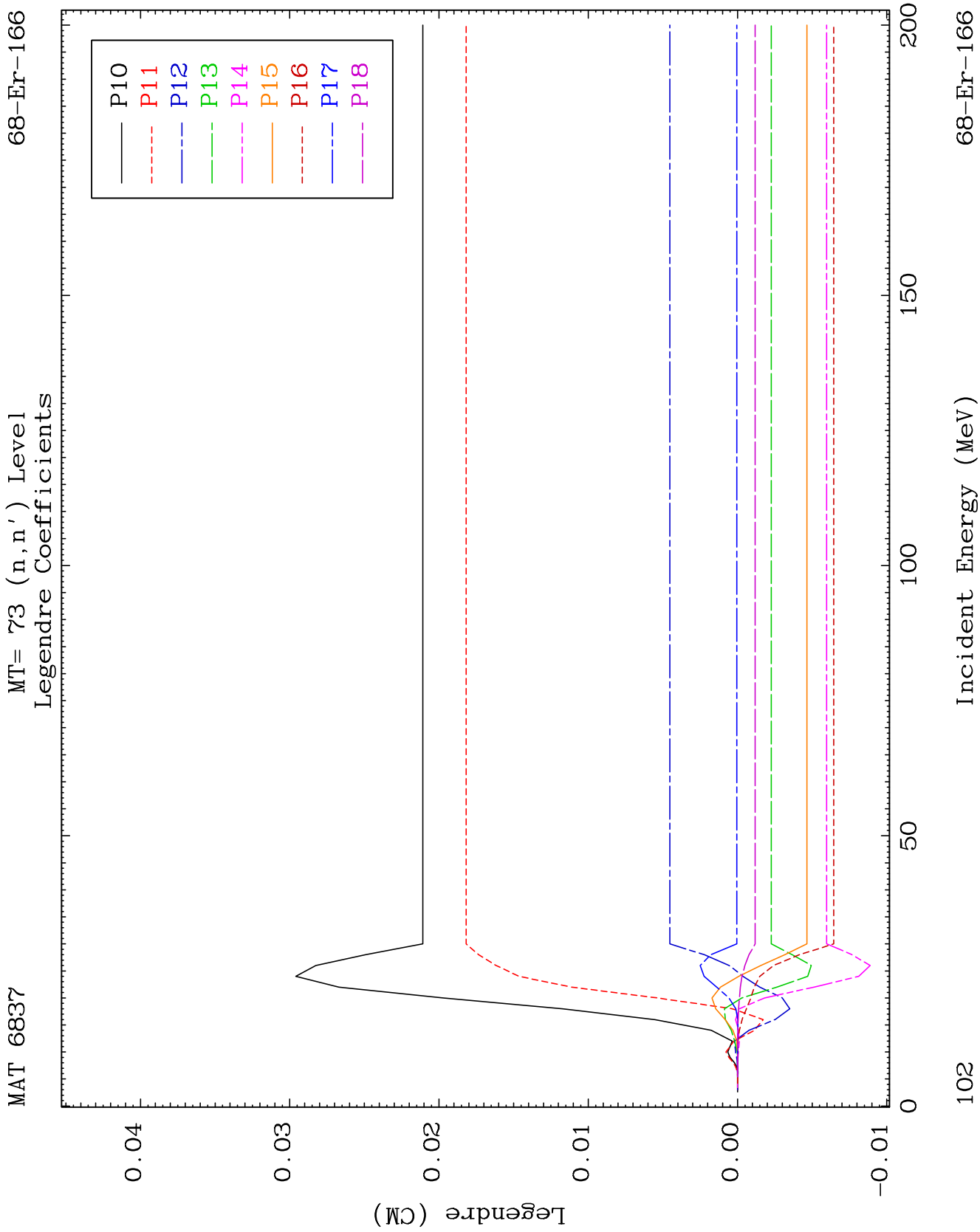


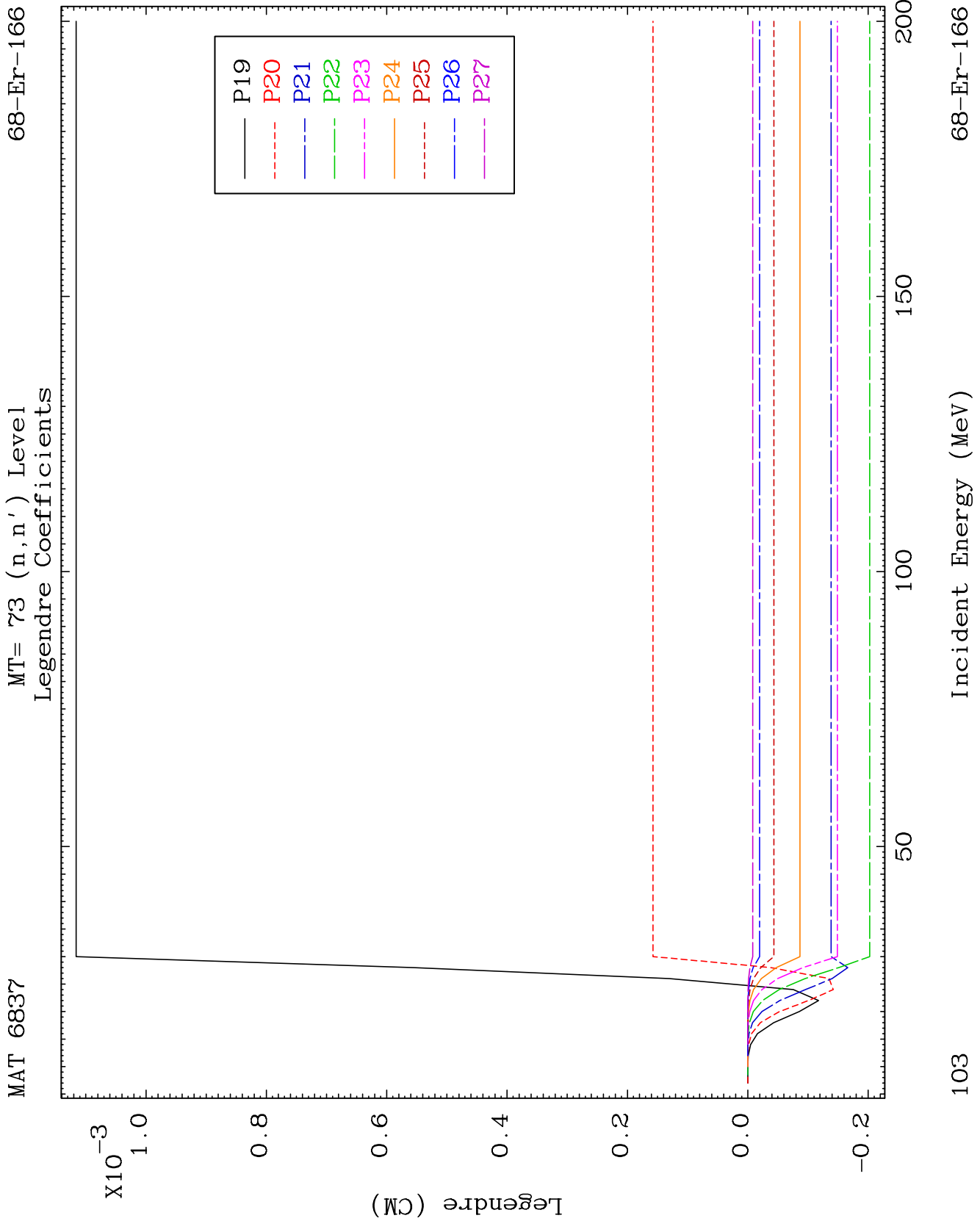


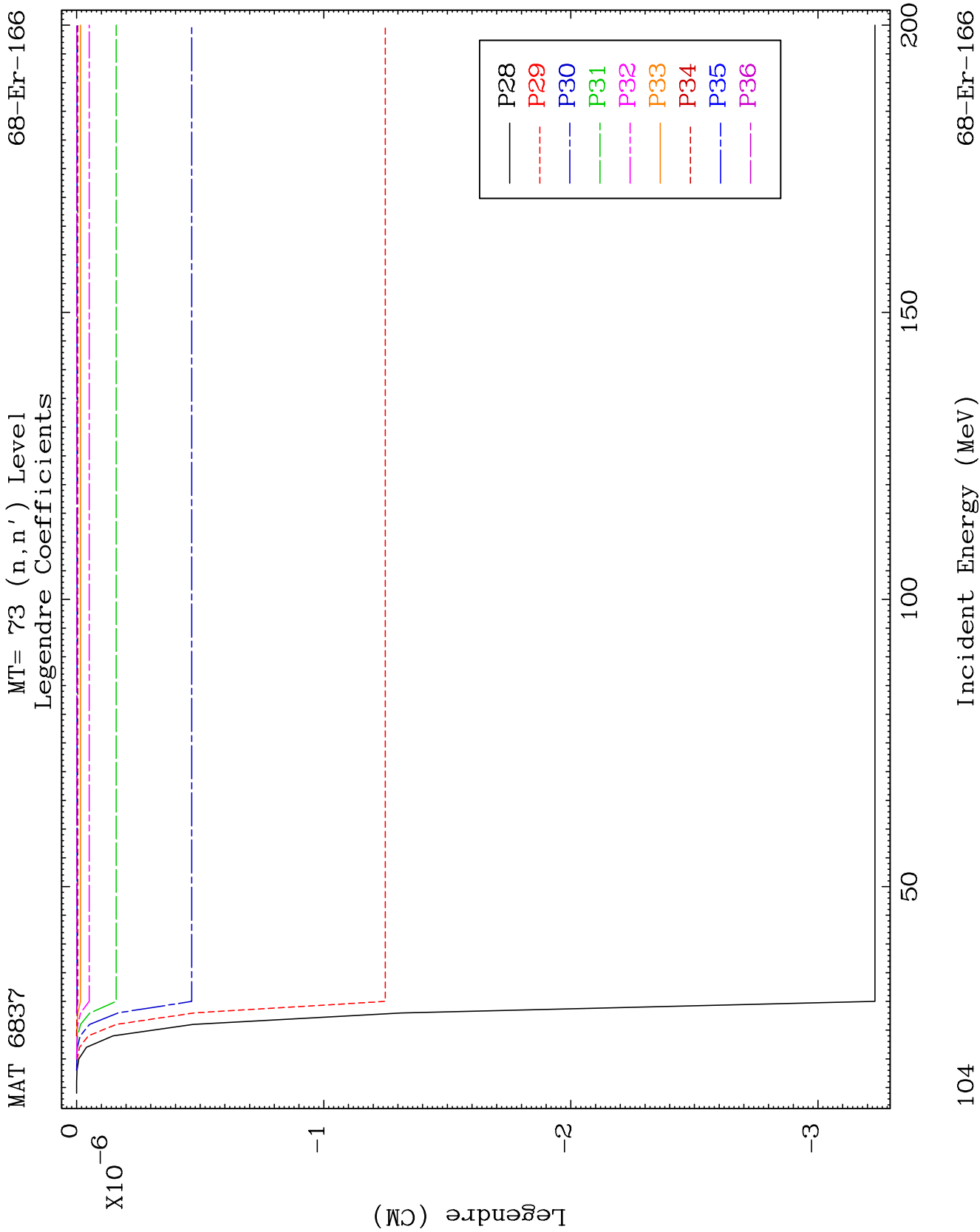


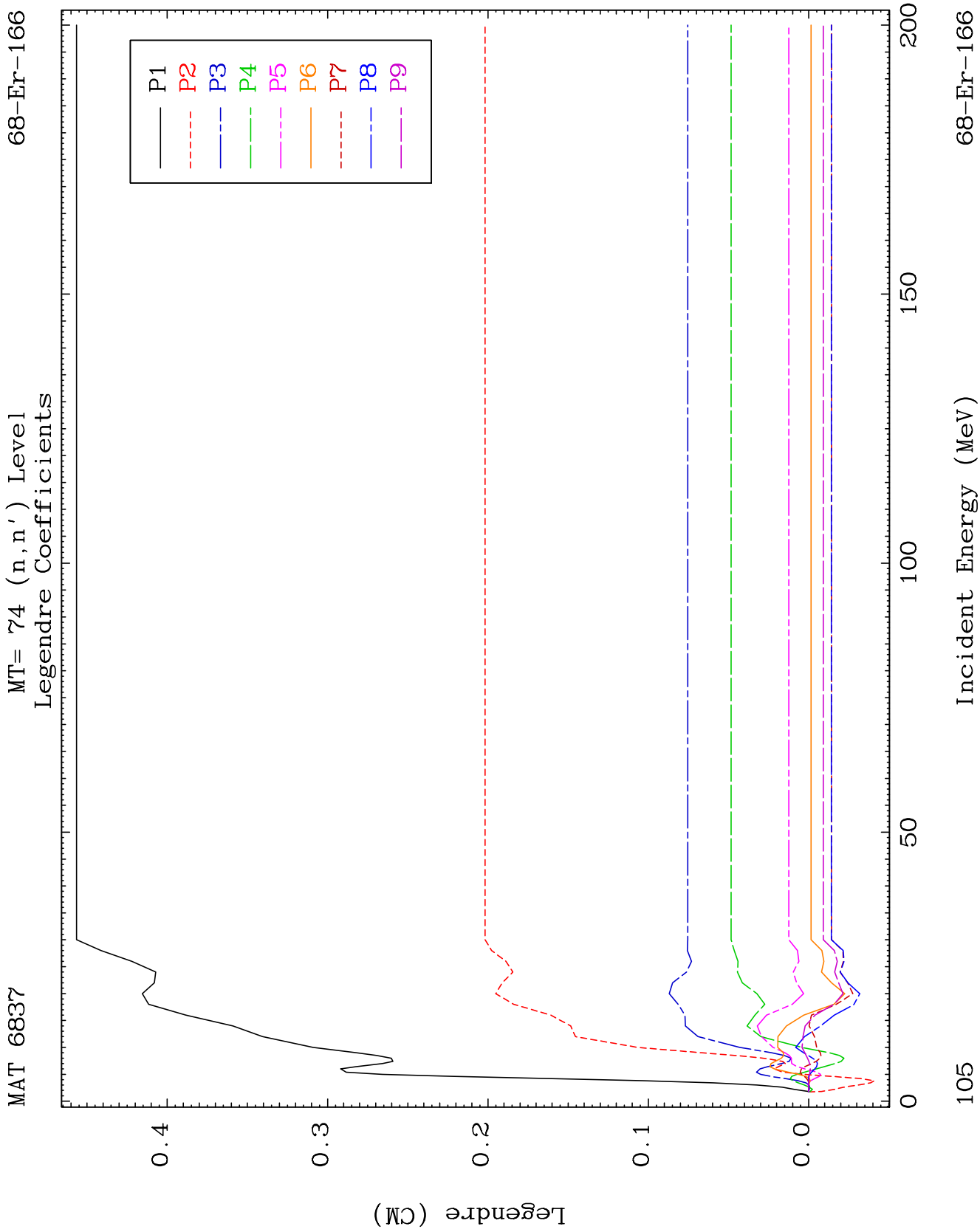


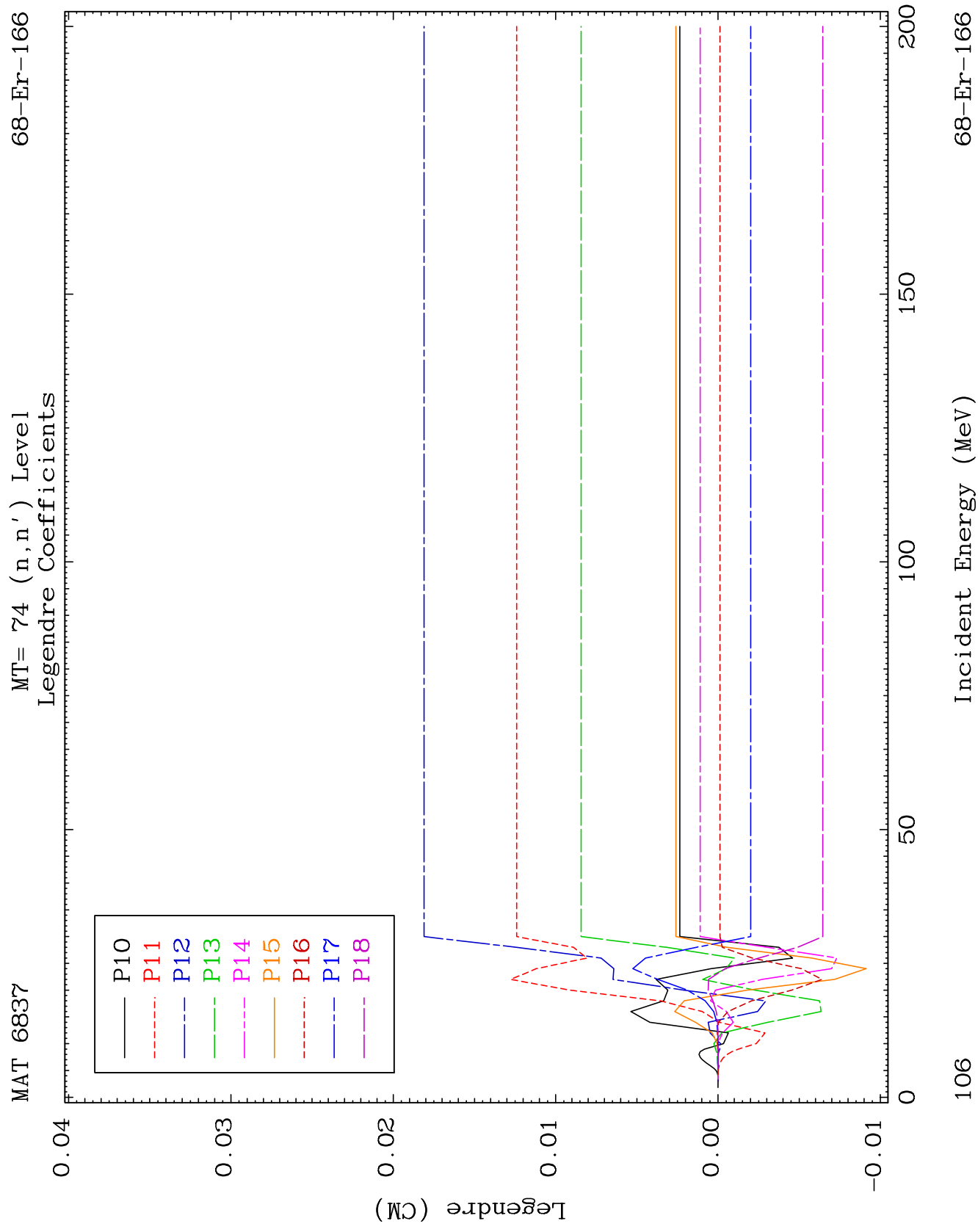


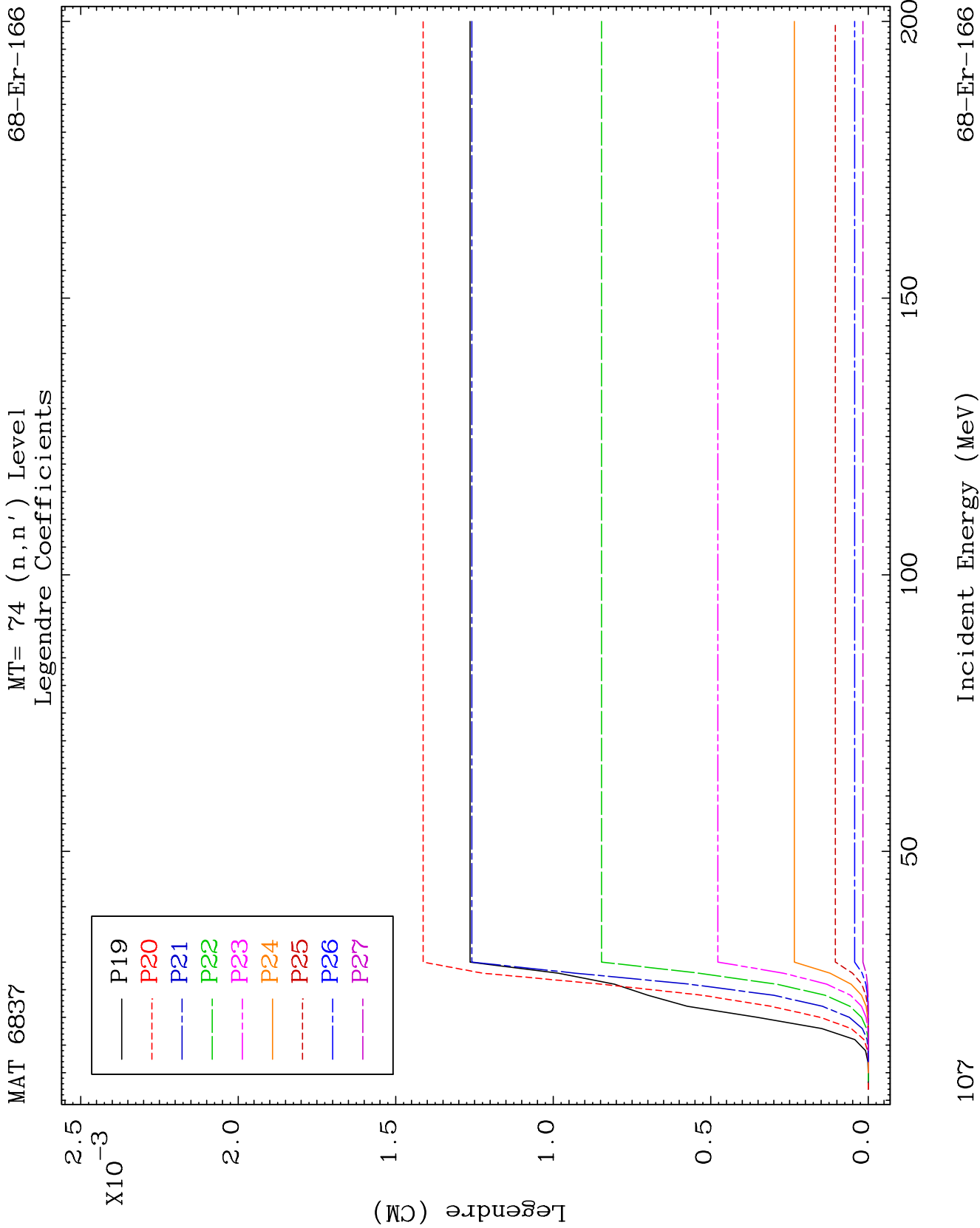


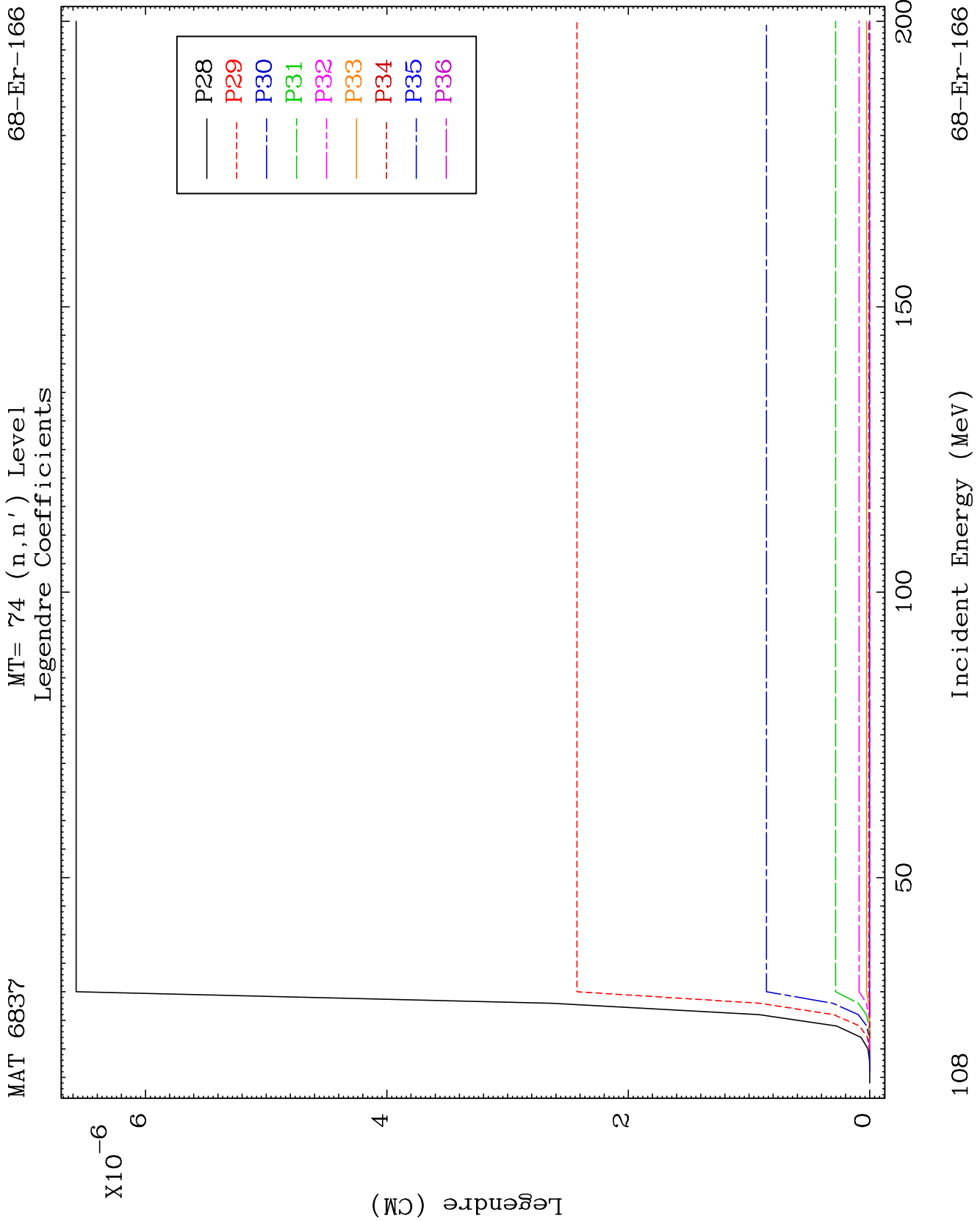


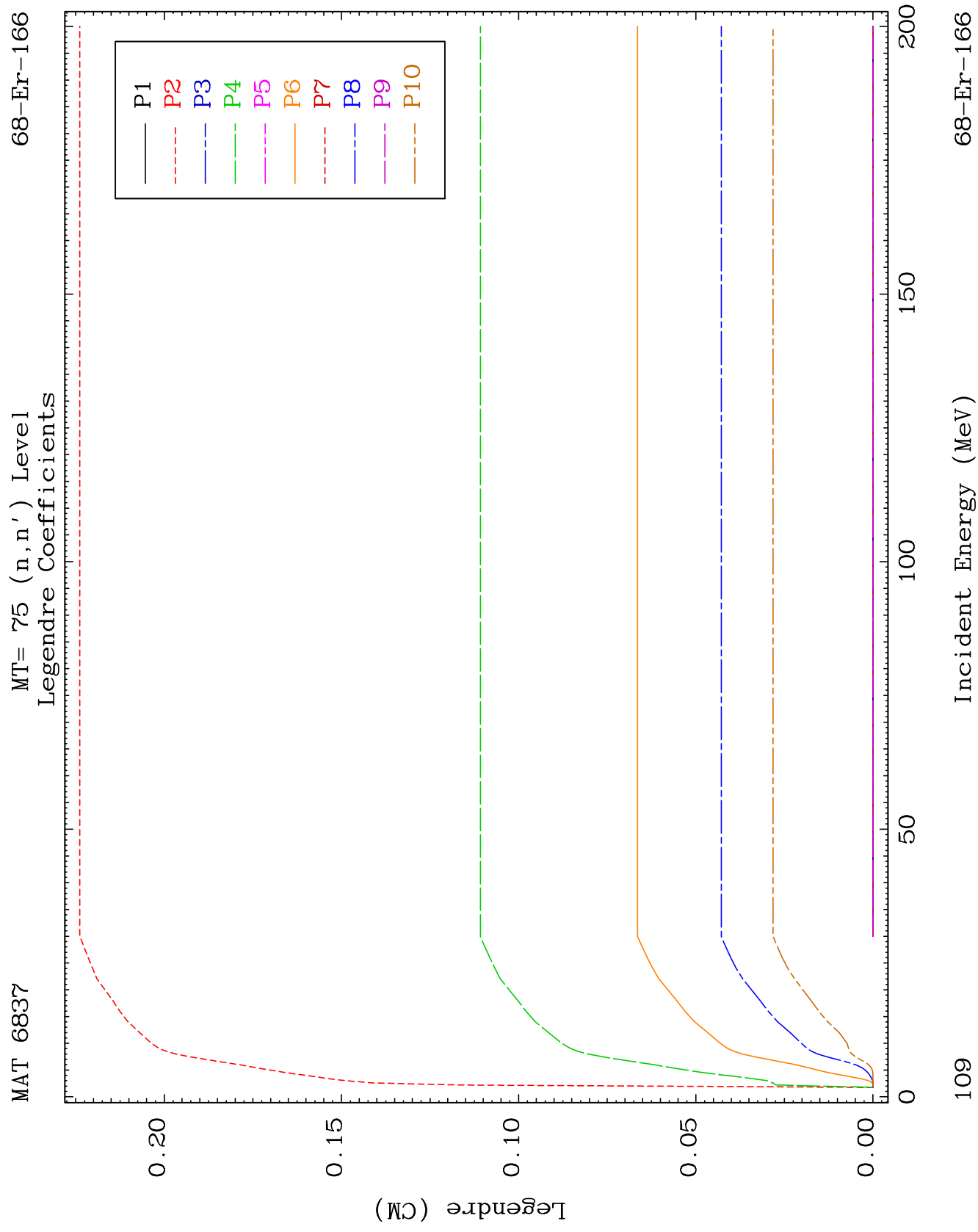








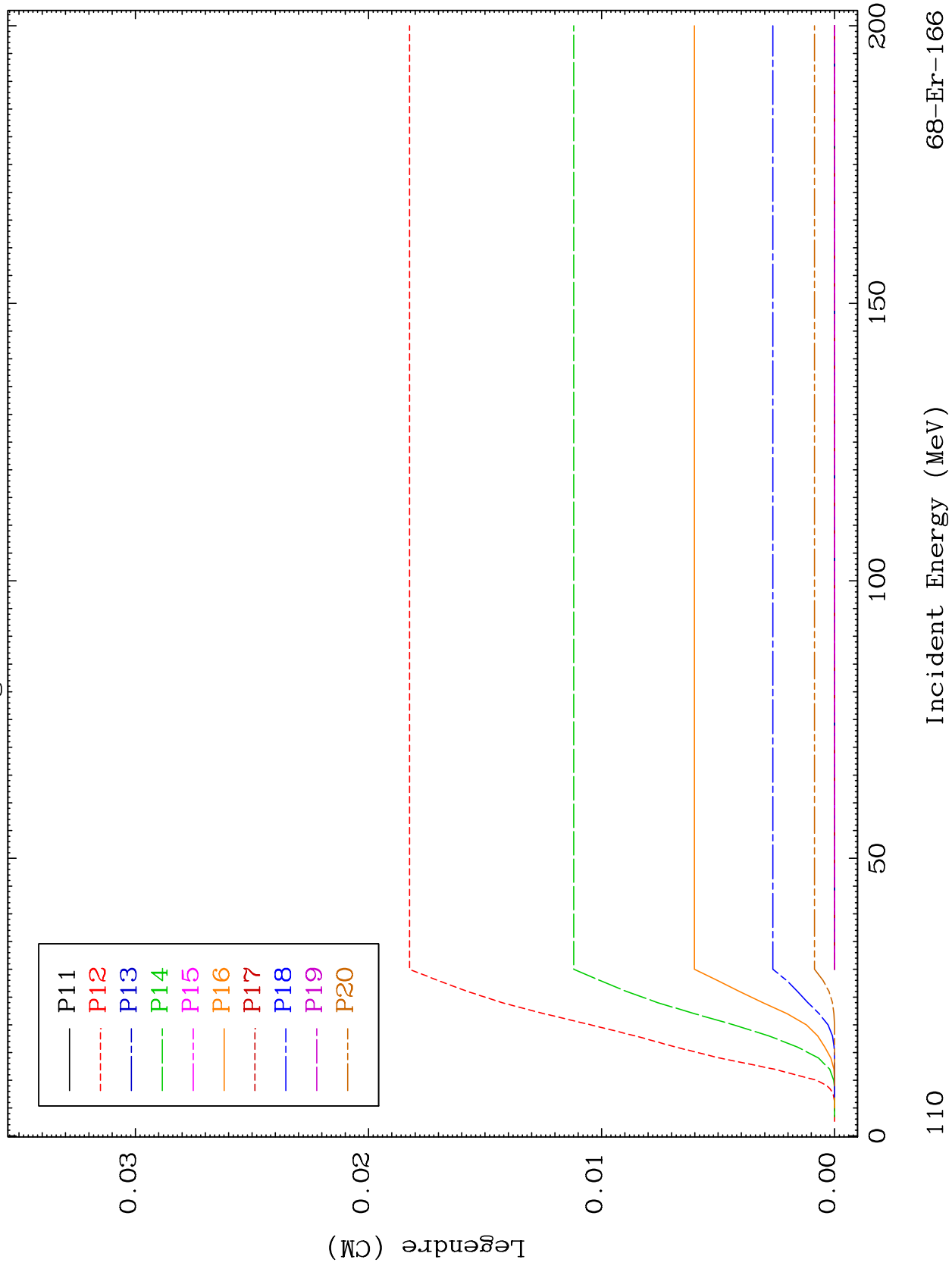


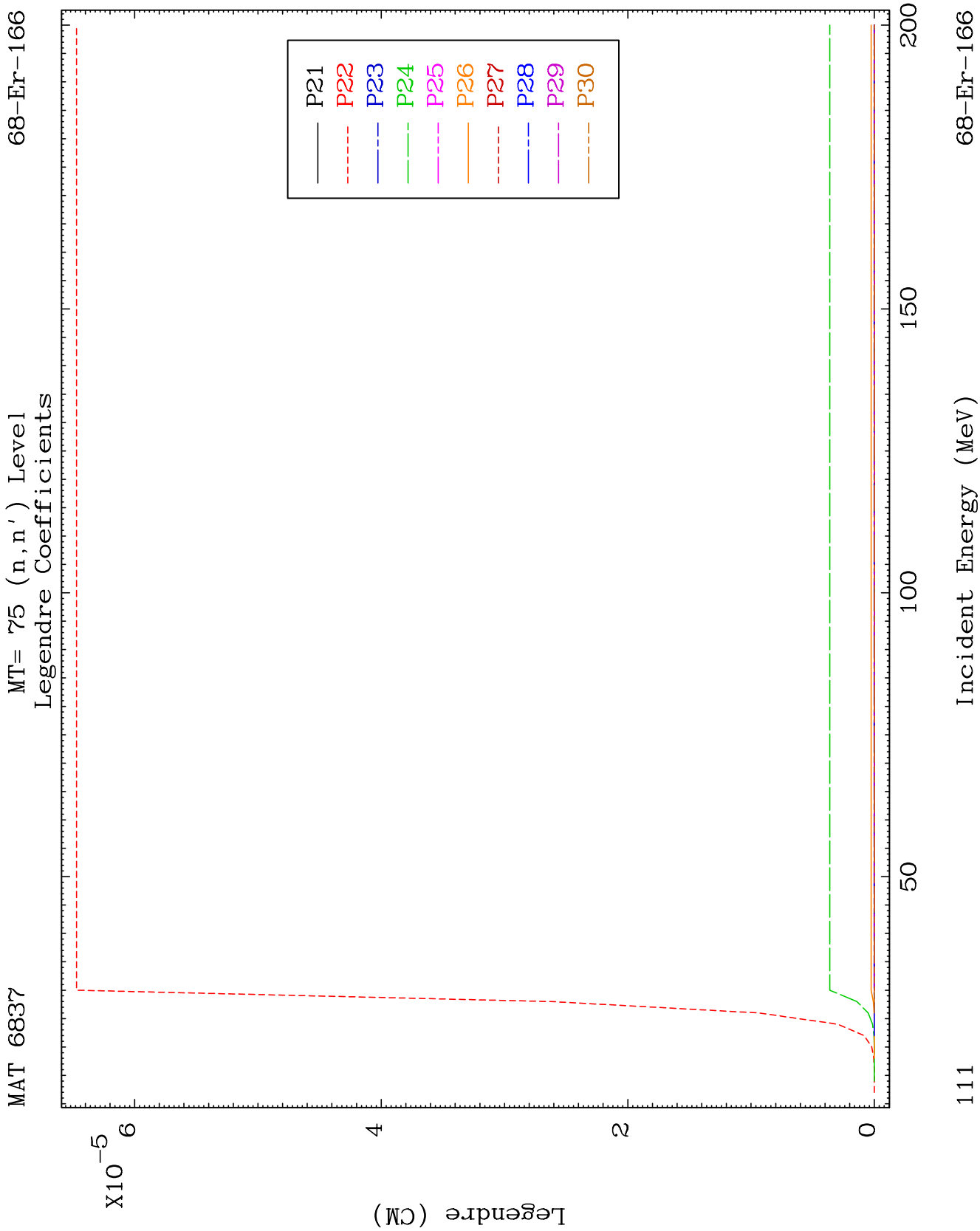


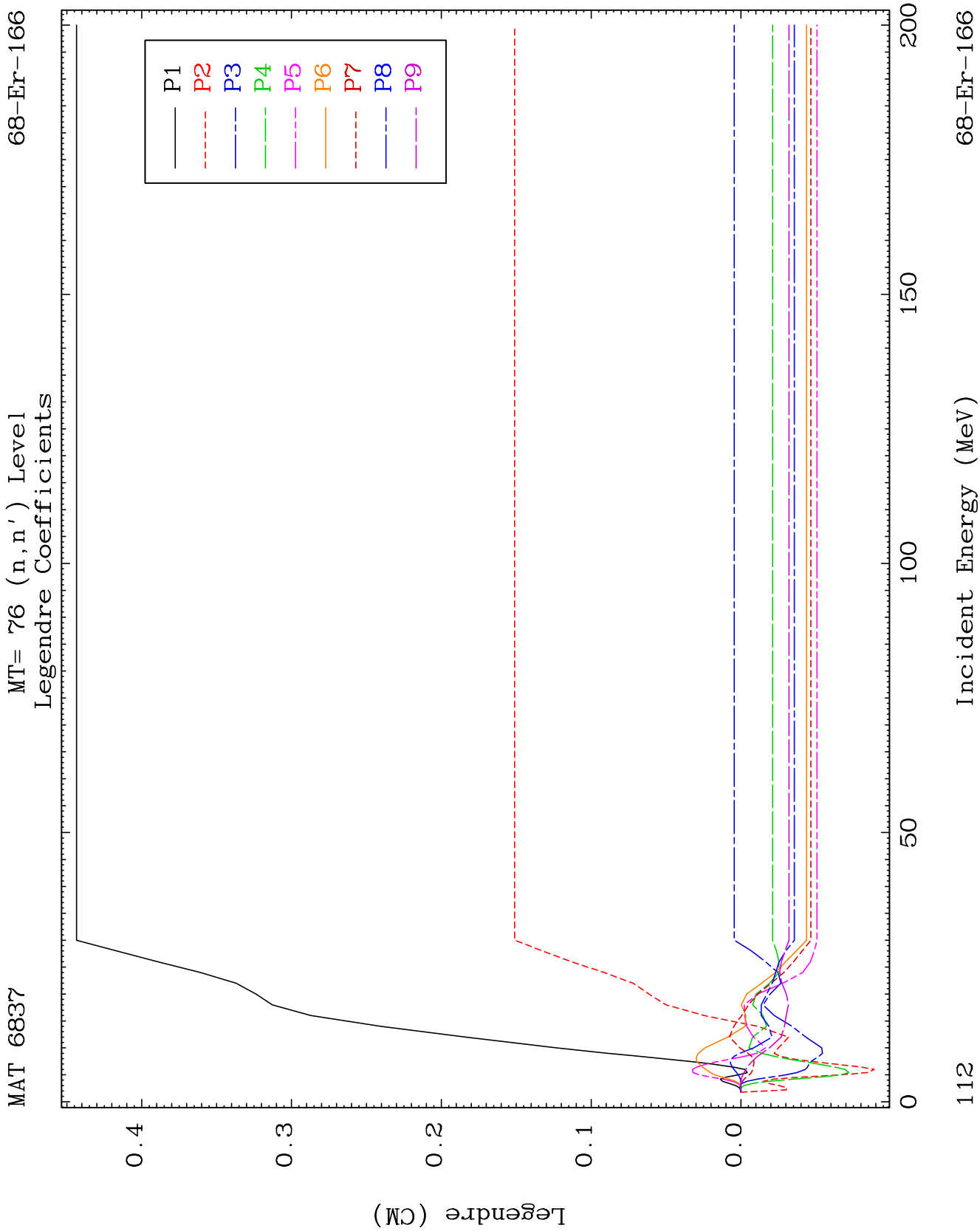
MAT 6837

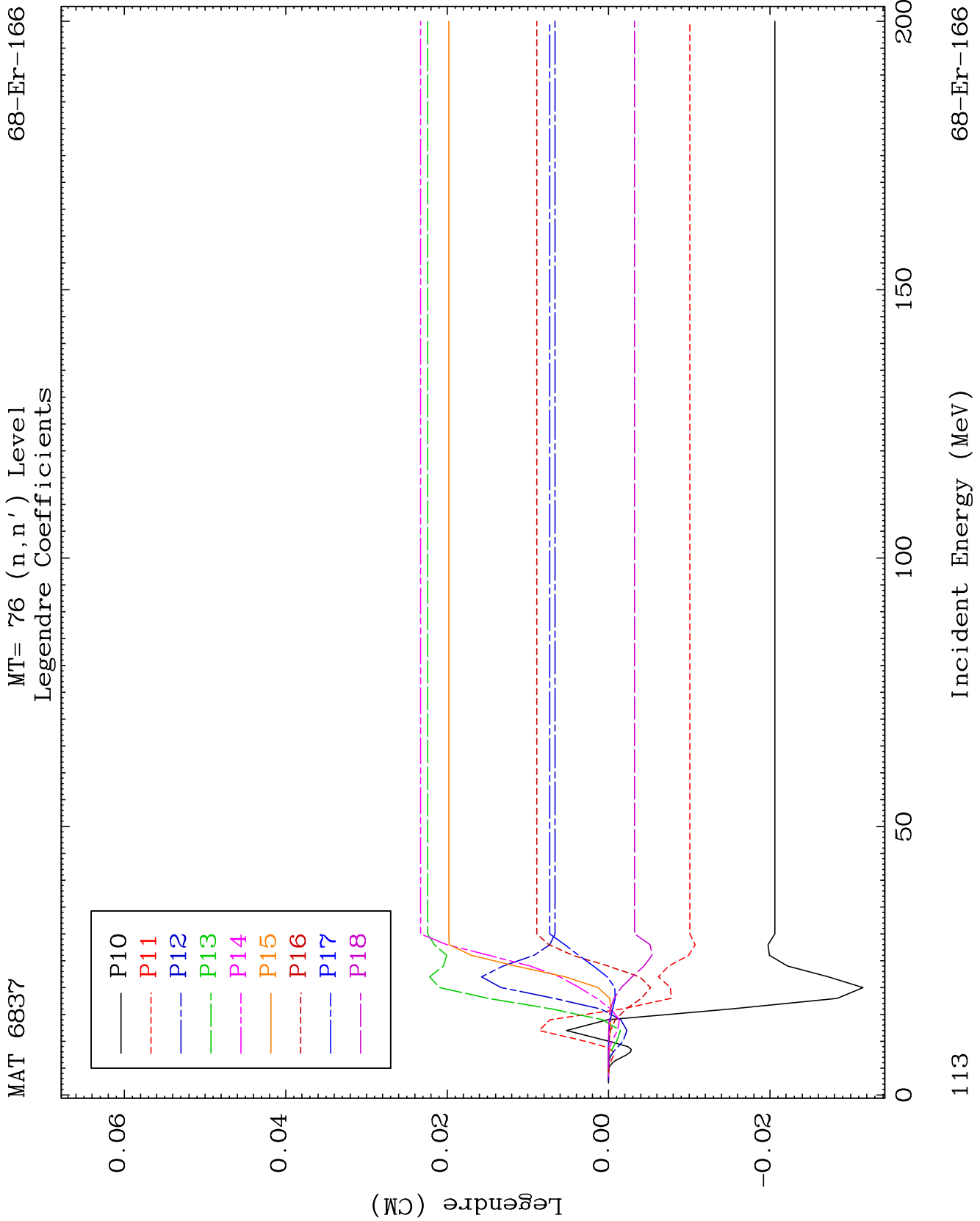
MT= 75 (n, n') Level
Legendre Coefficients

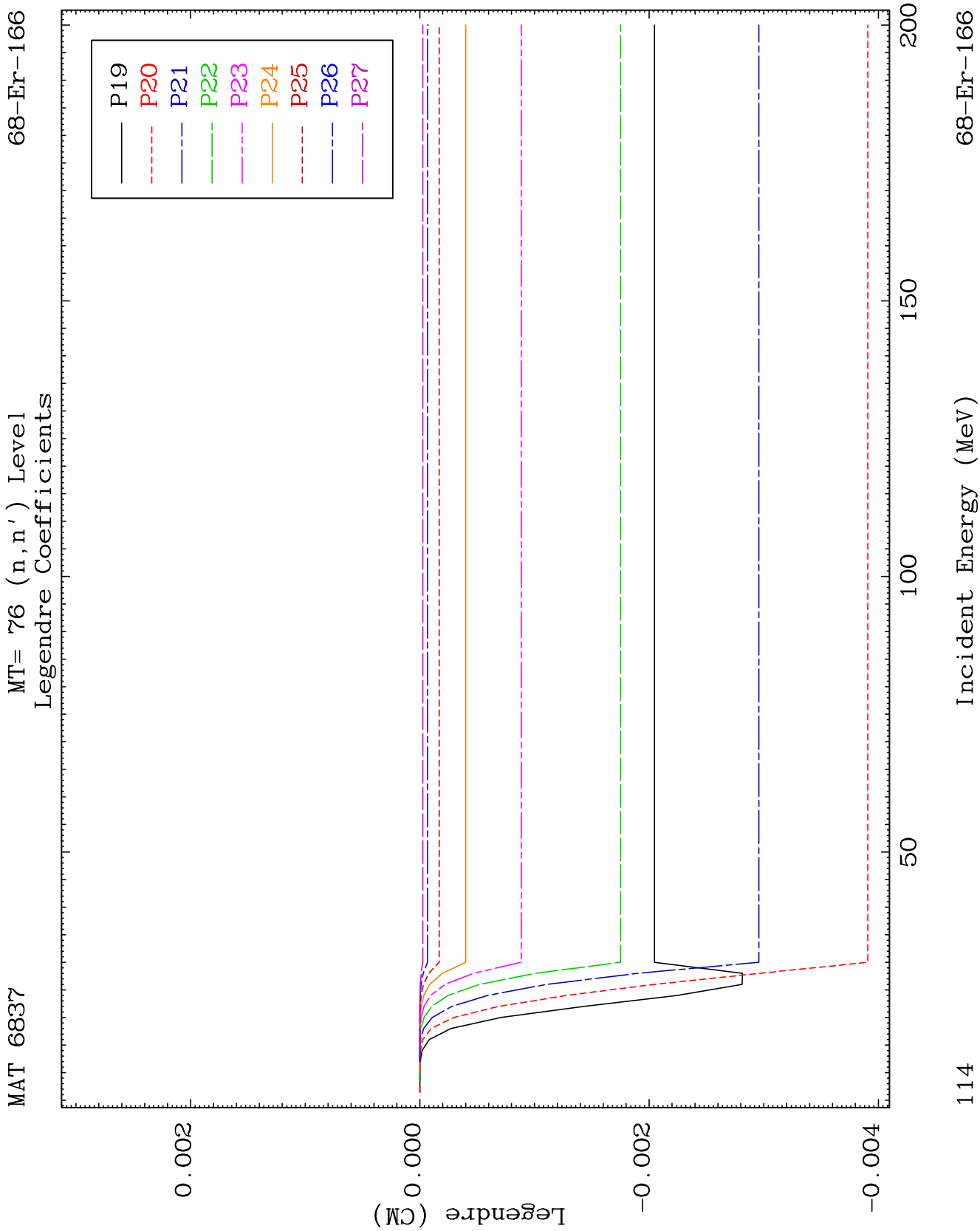
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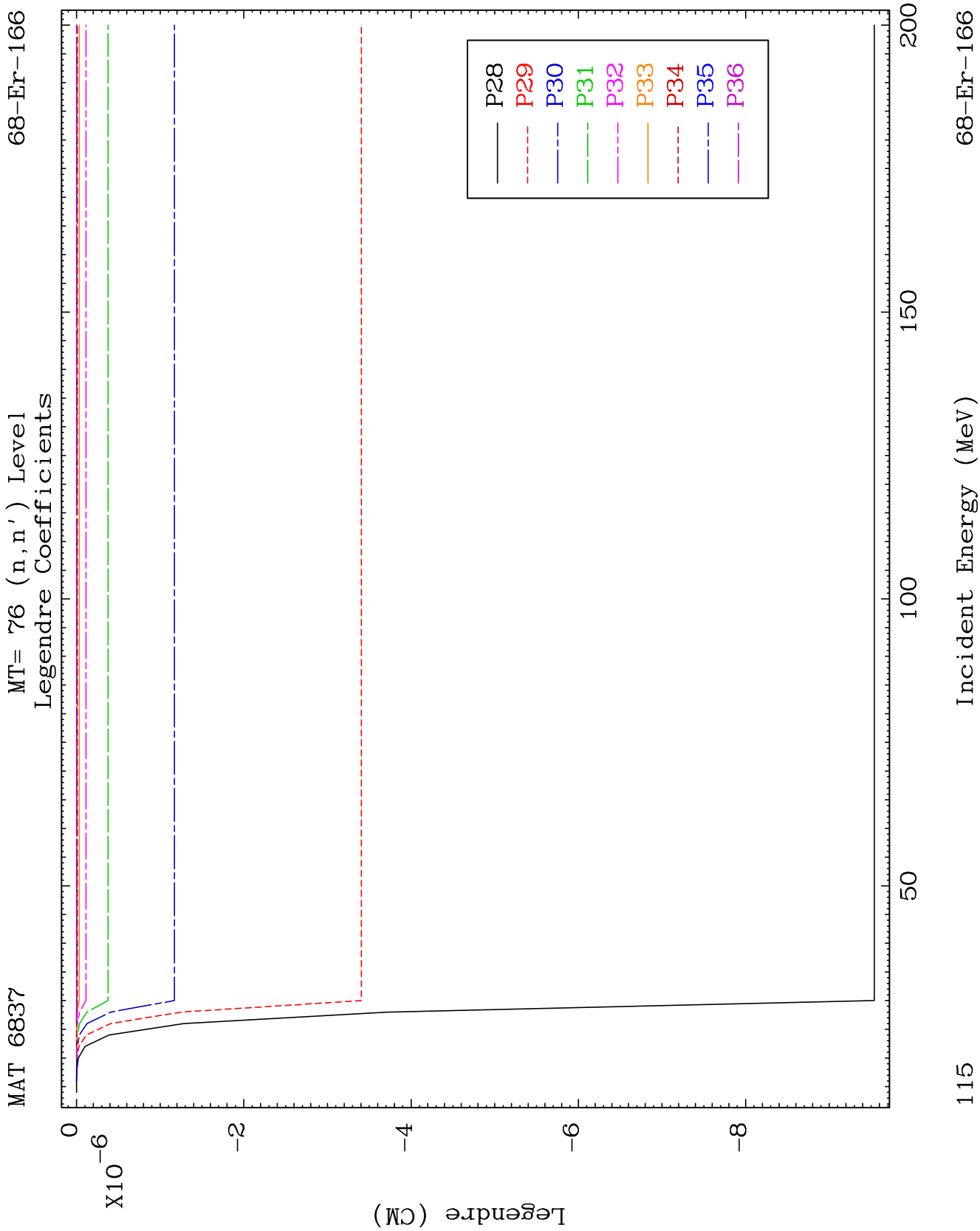


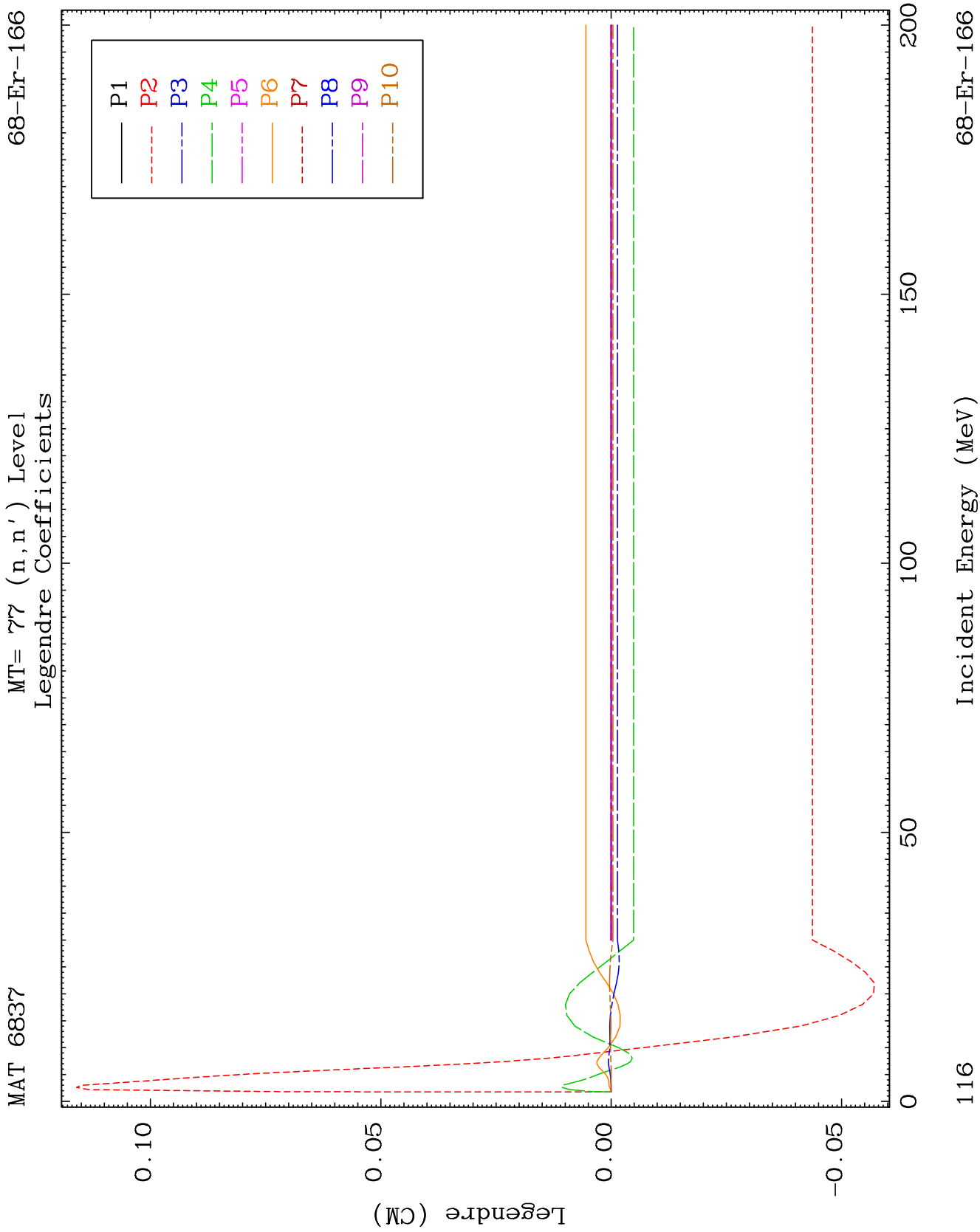


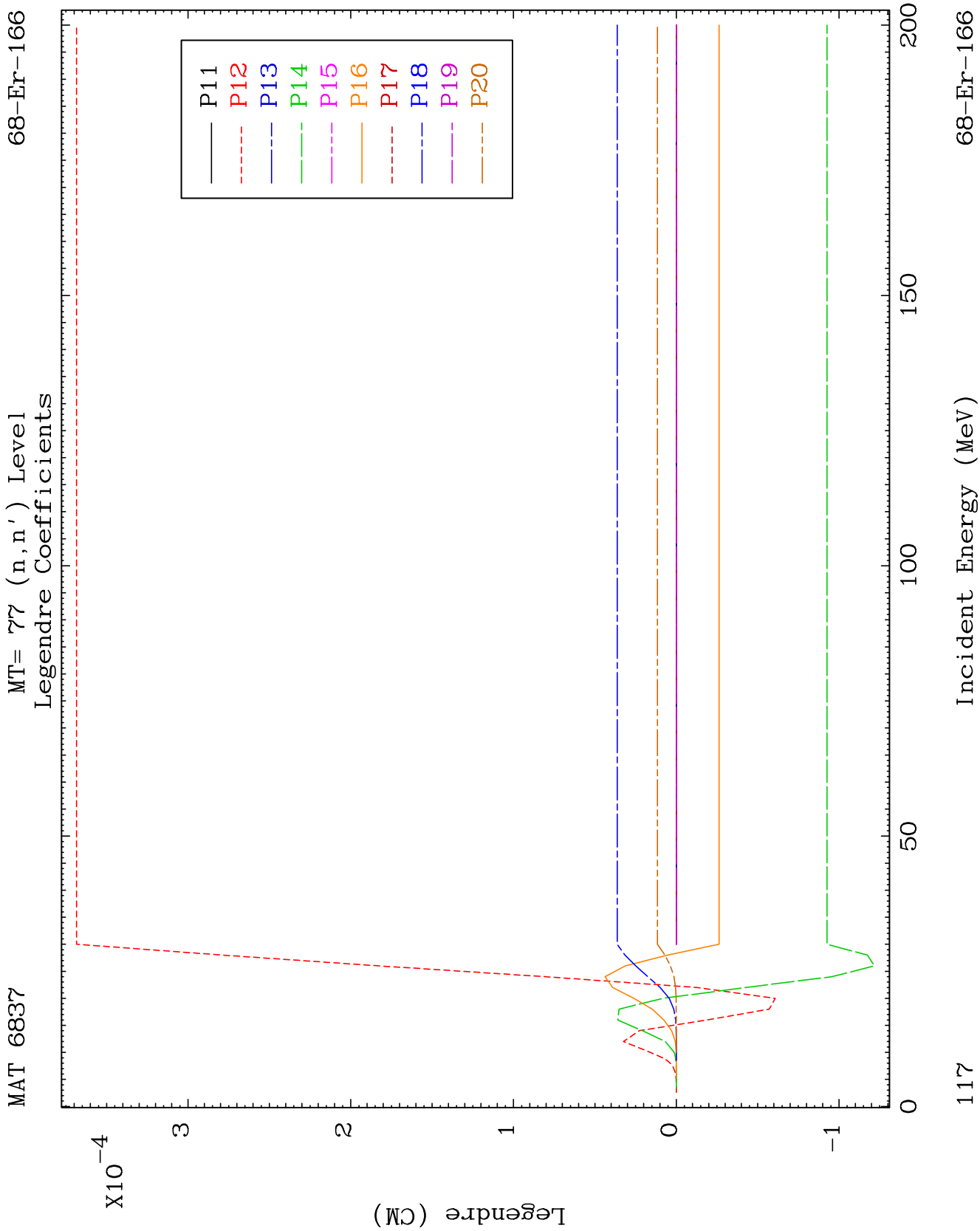


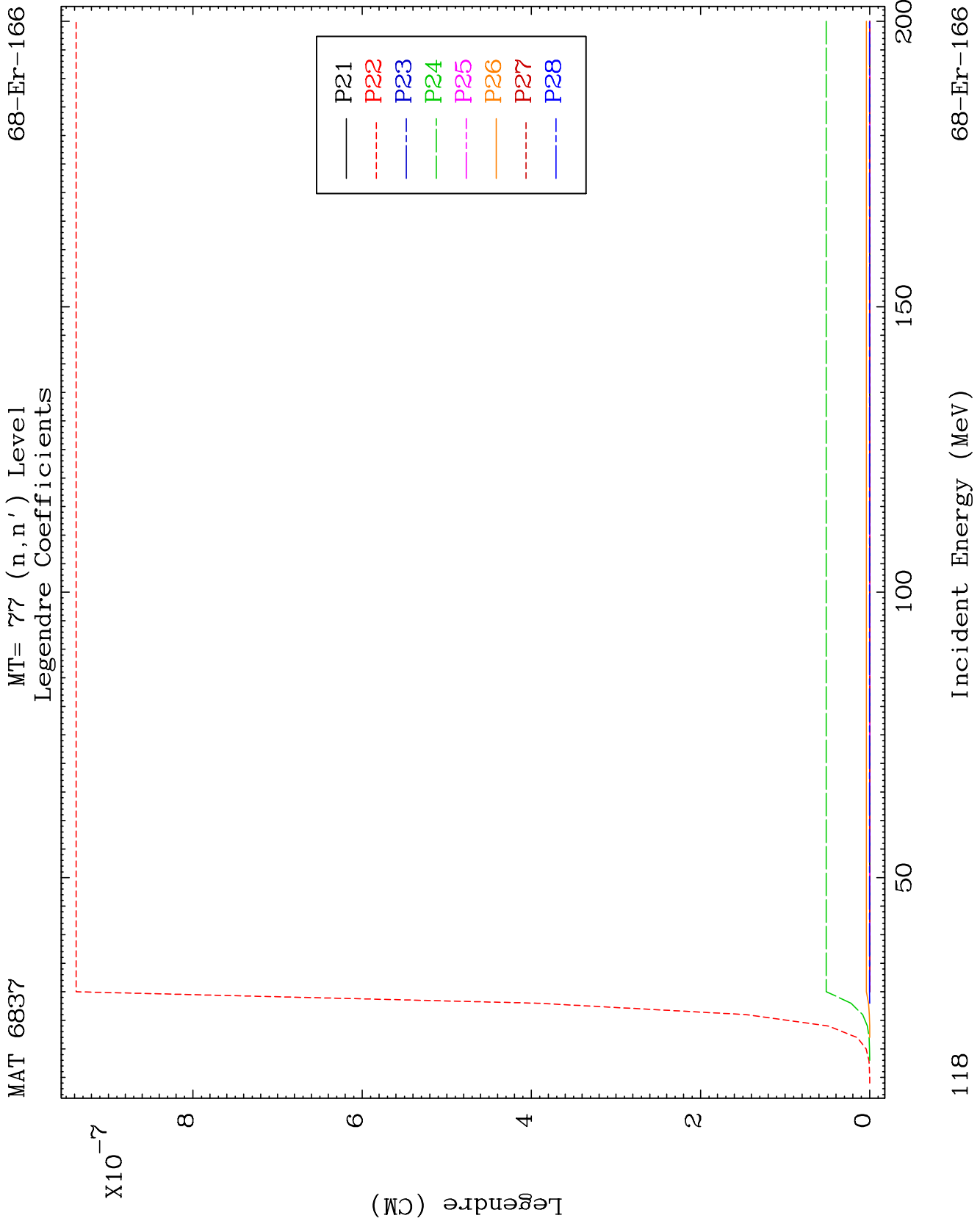


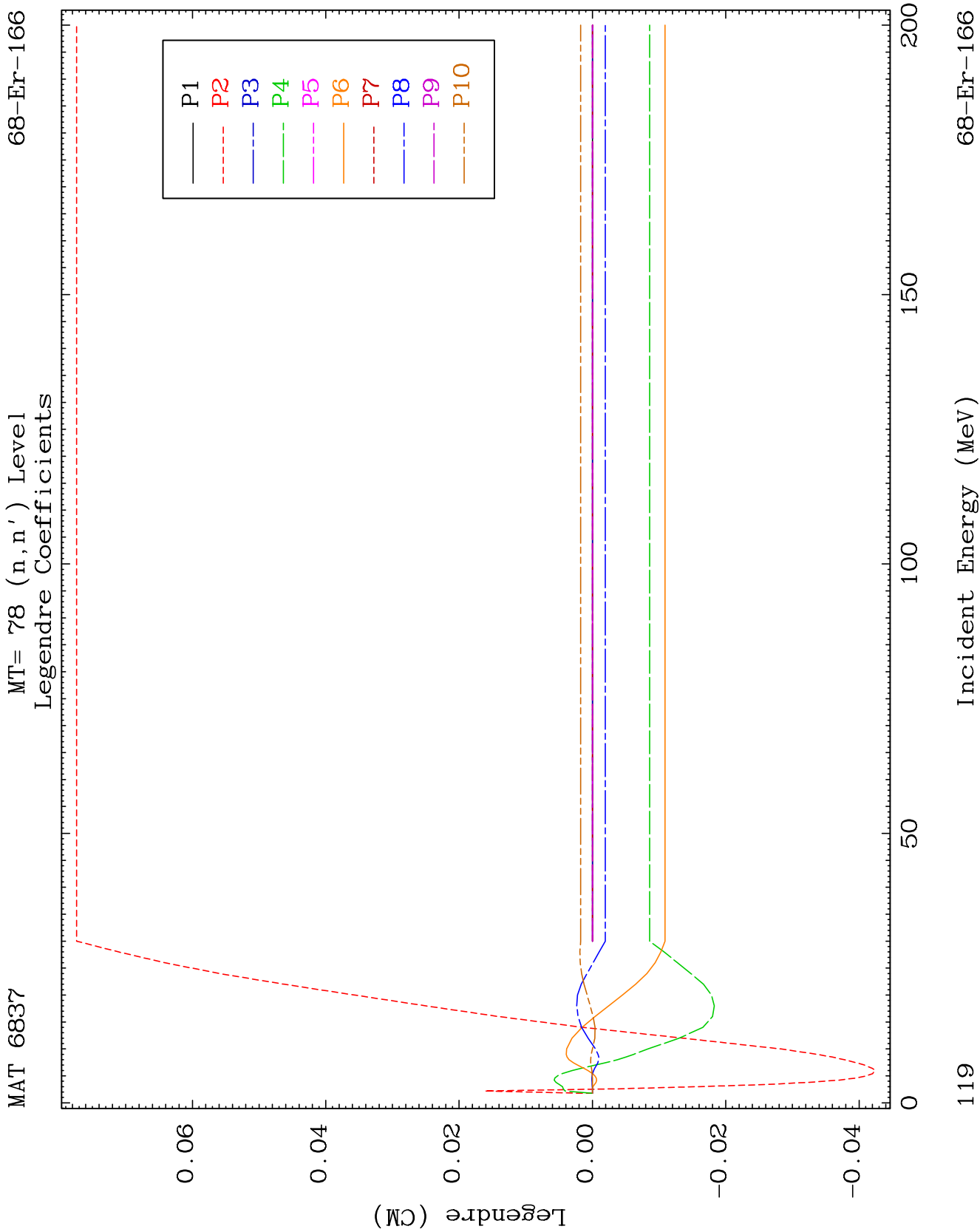








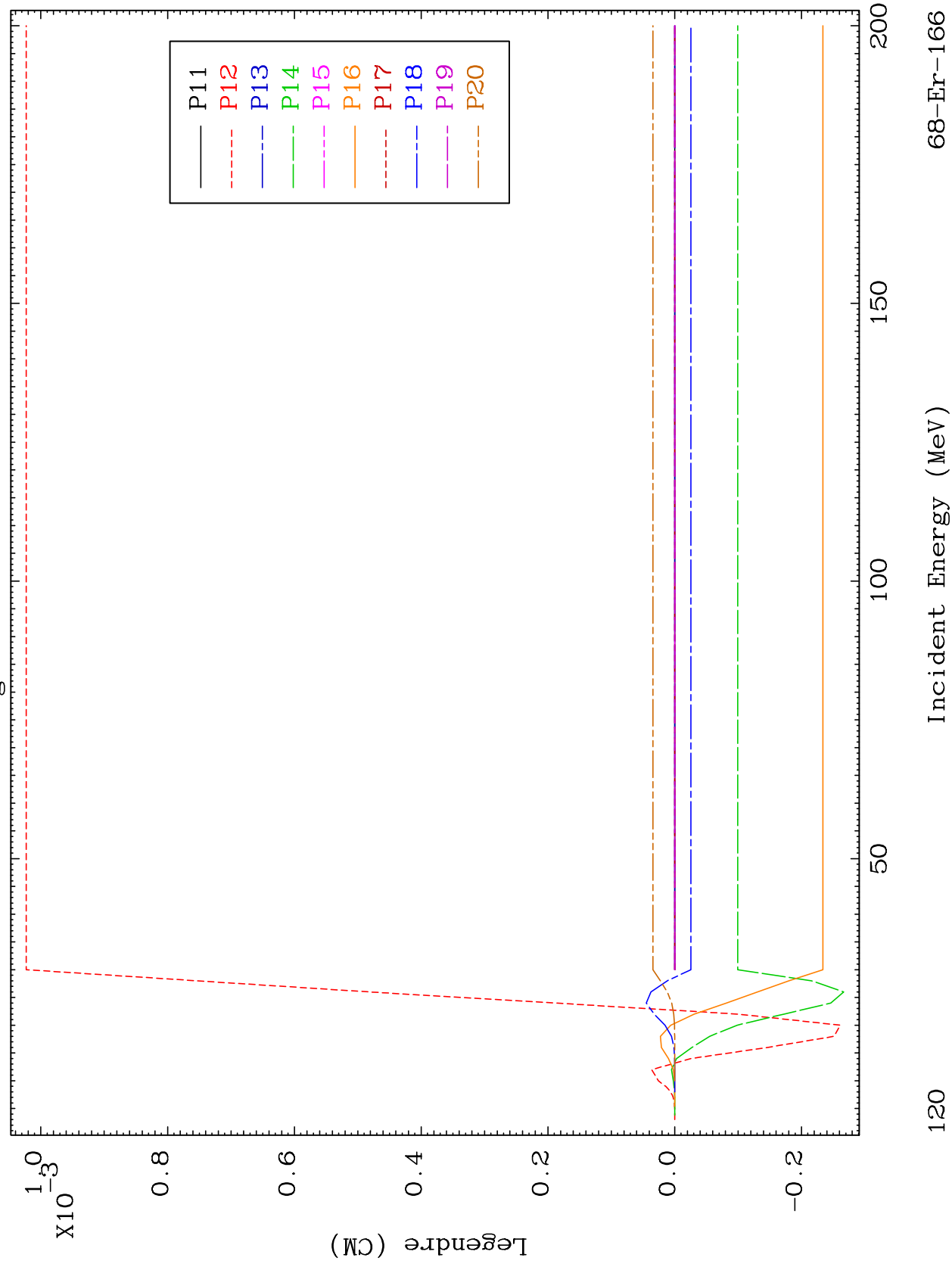




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MT= 78 (n, n') Level
Legendre Coefficients

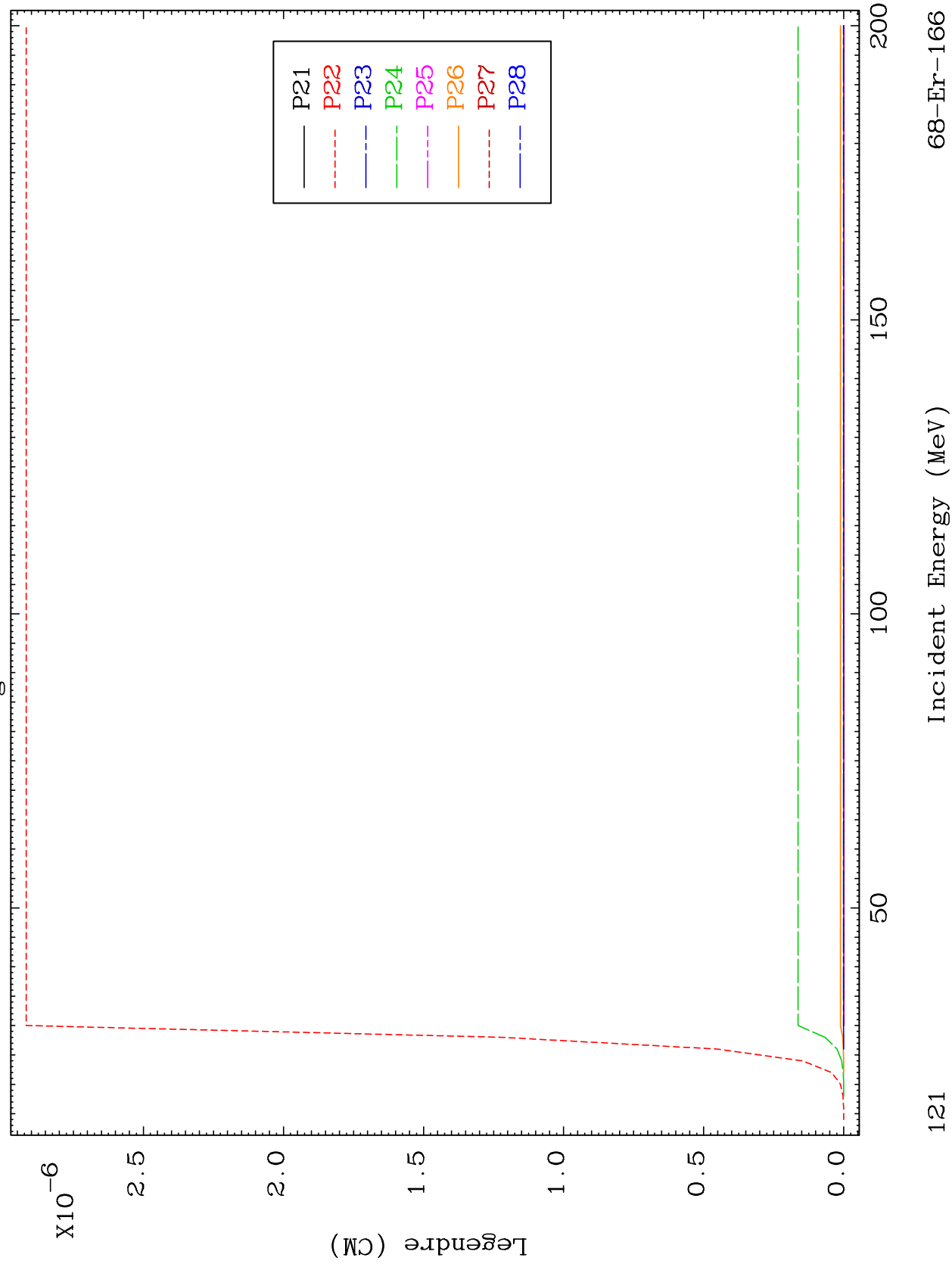
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MAT 6837

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

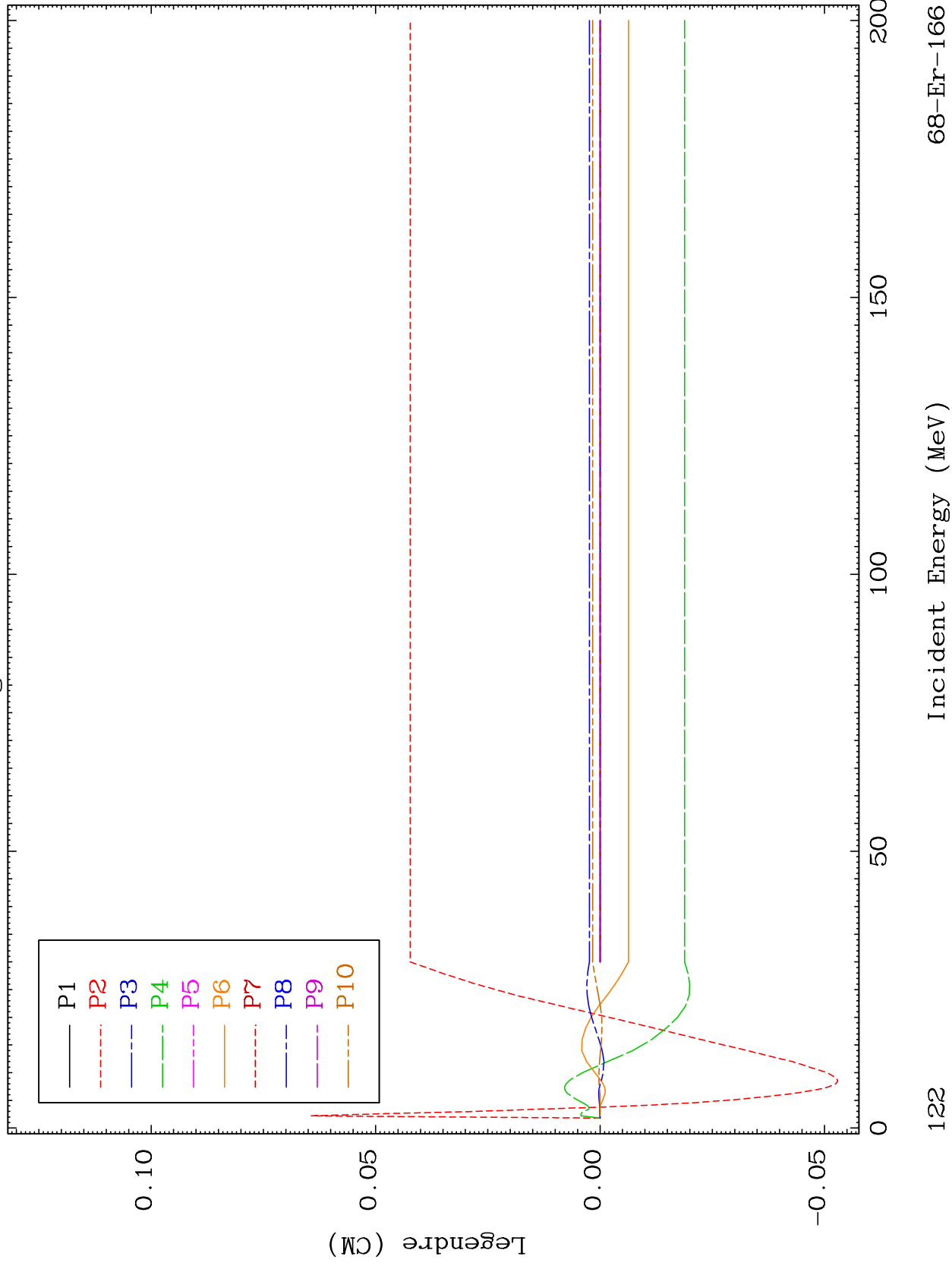
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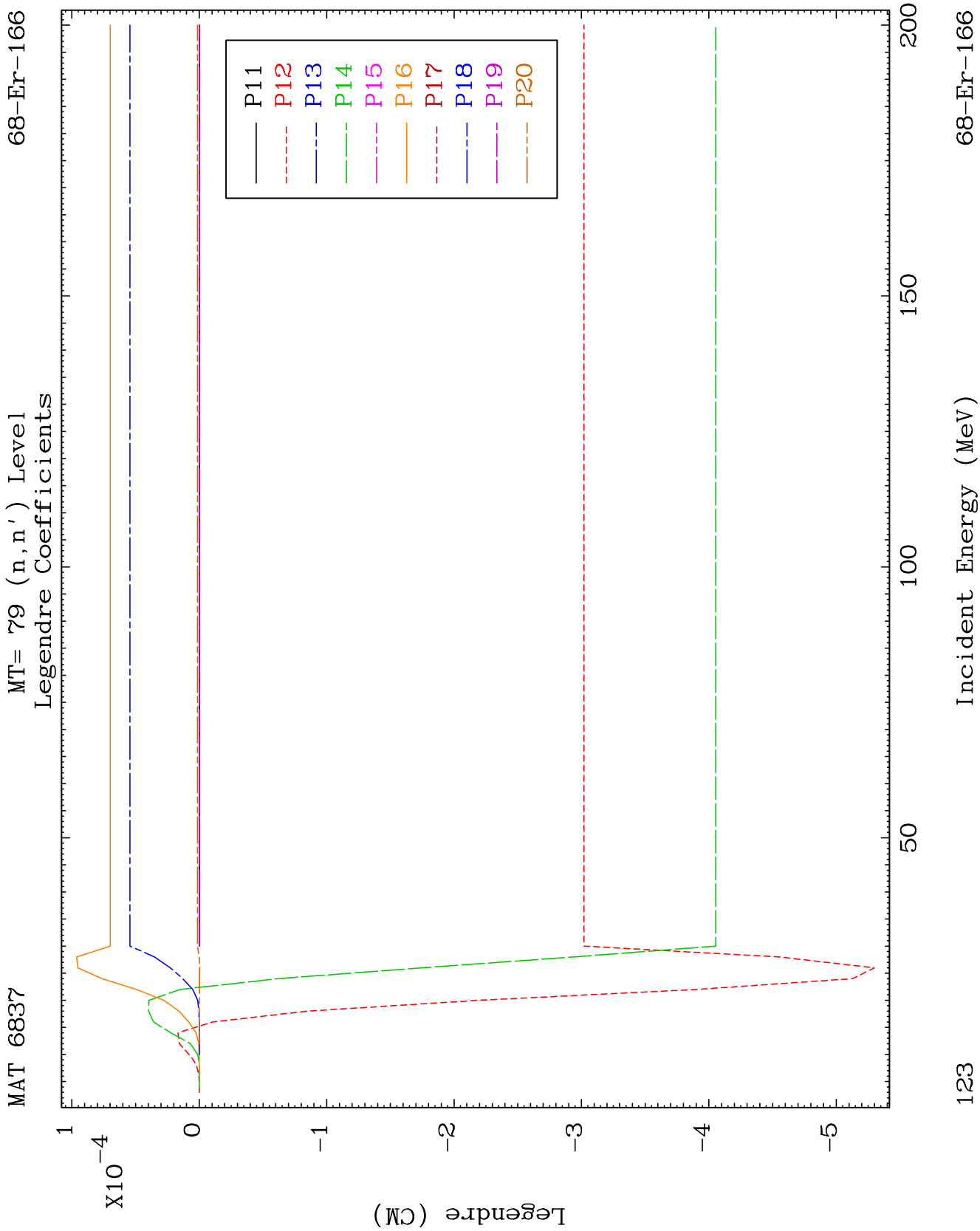


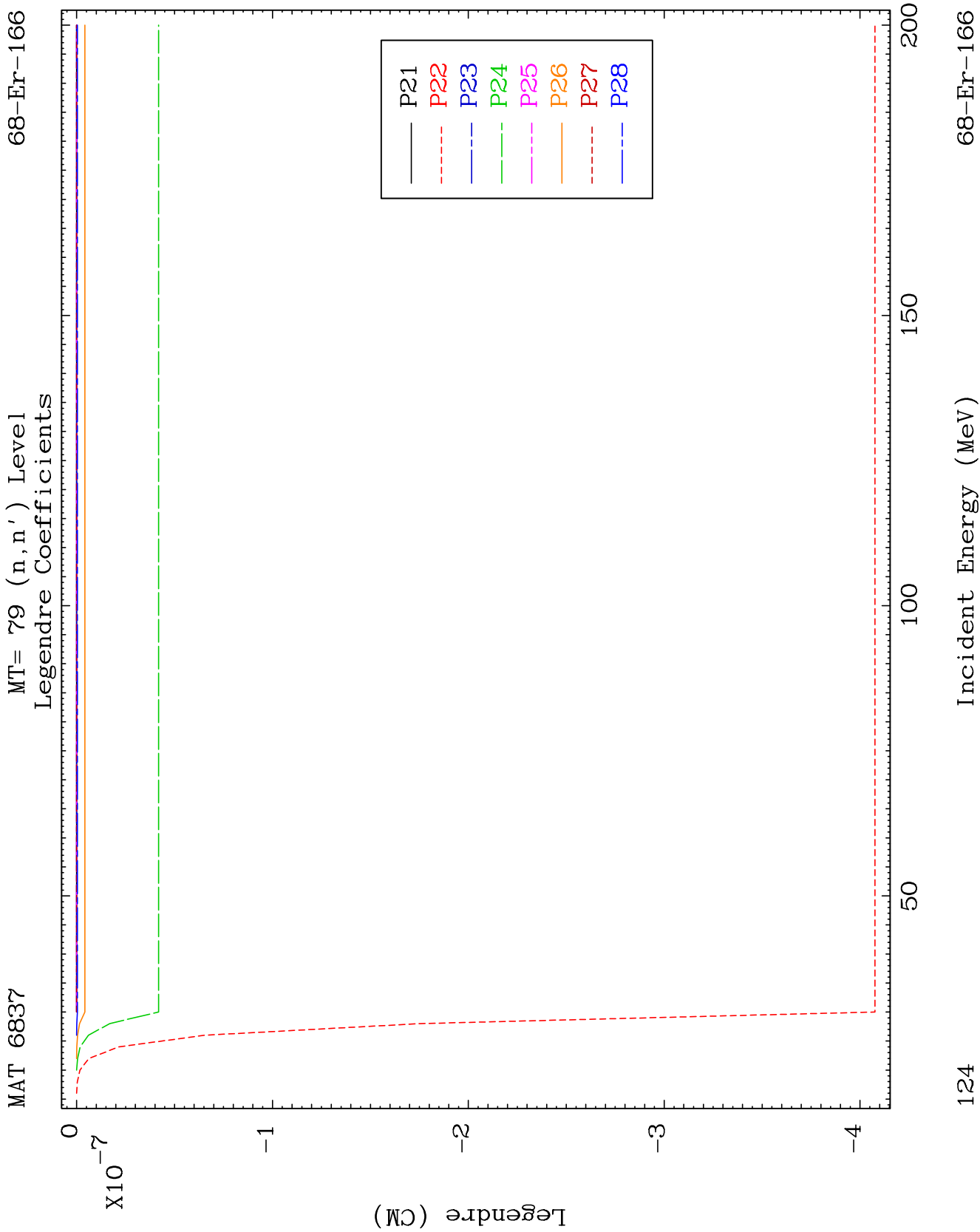
MAT 6837

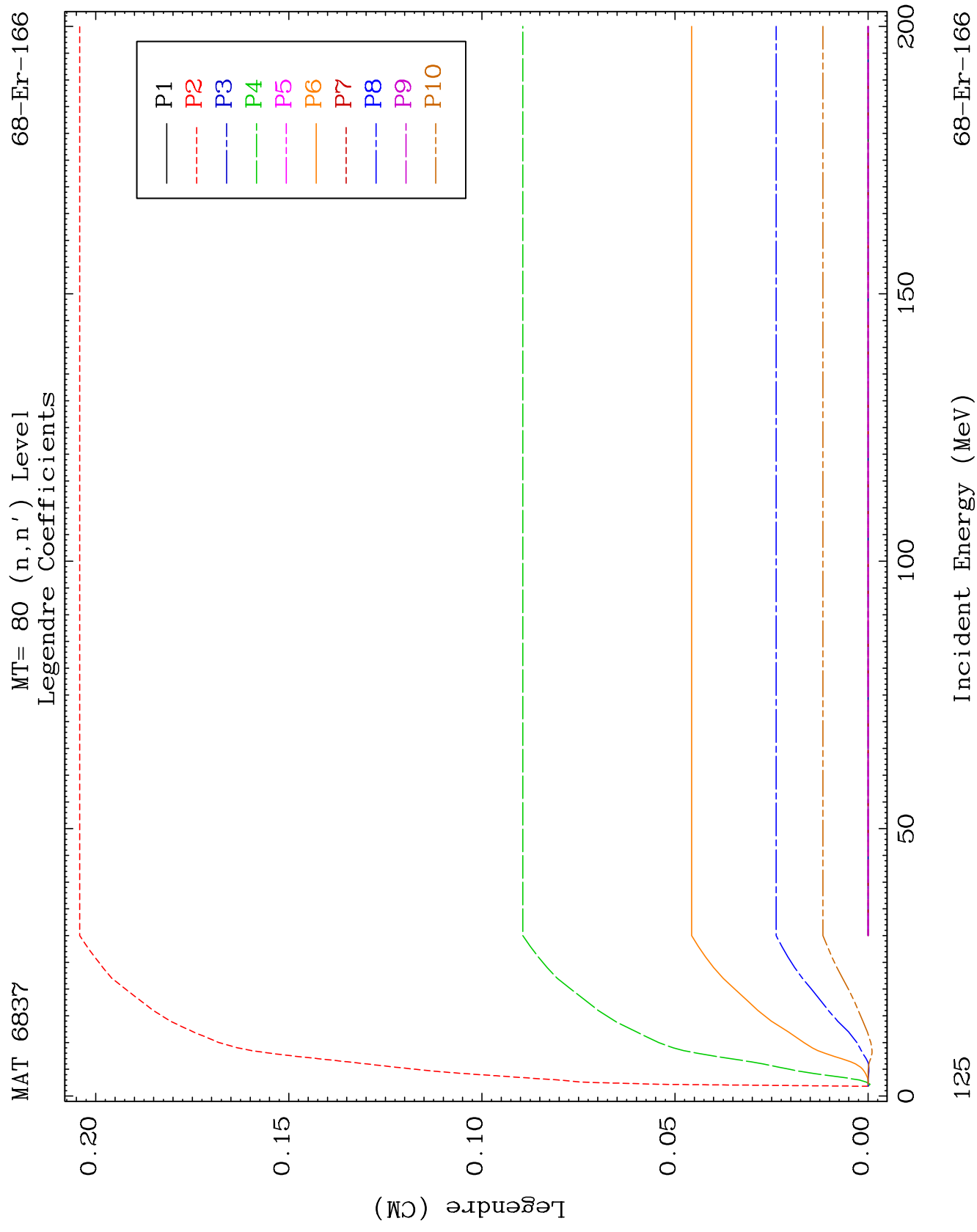
MT= 79 (n, n') Level
Legendre Coefficients

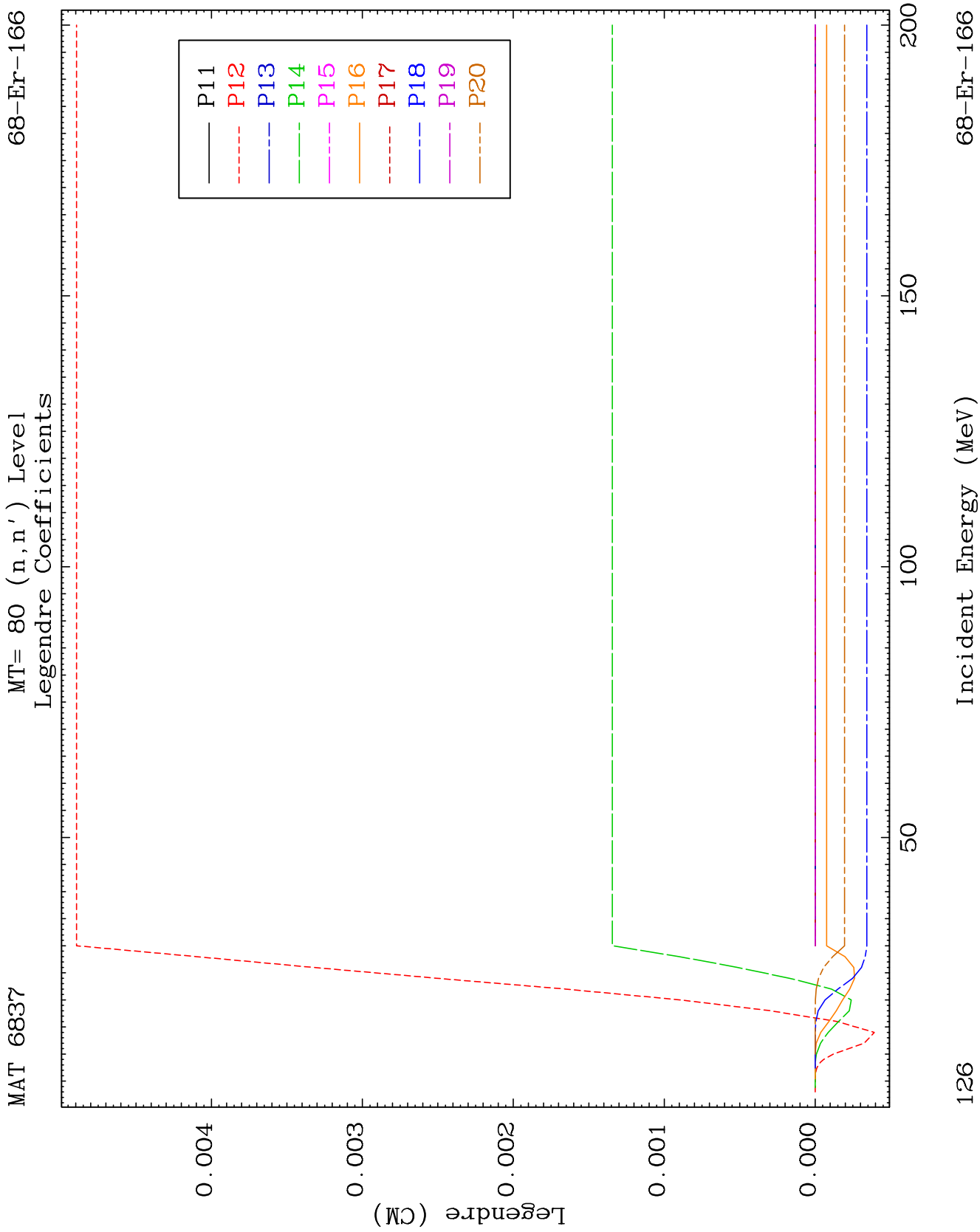
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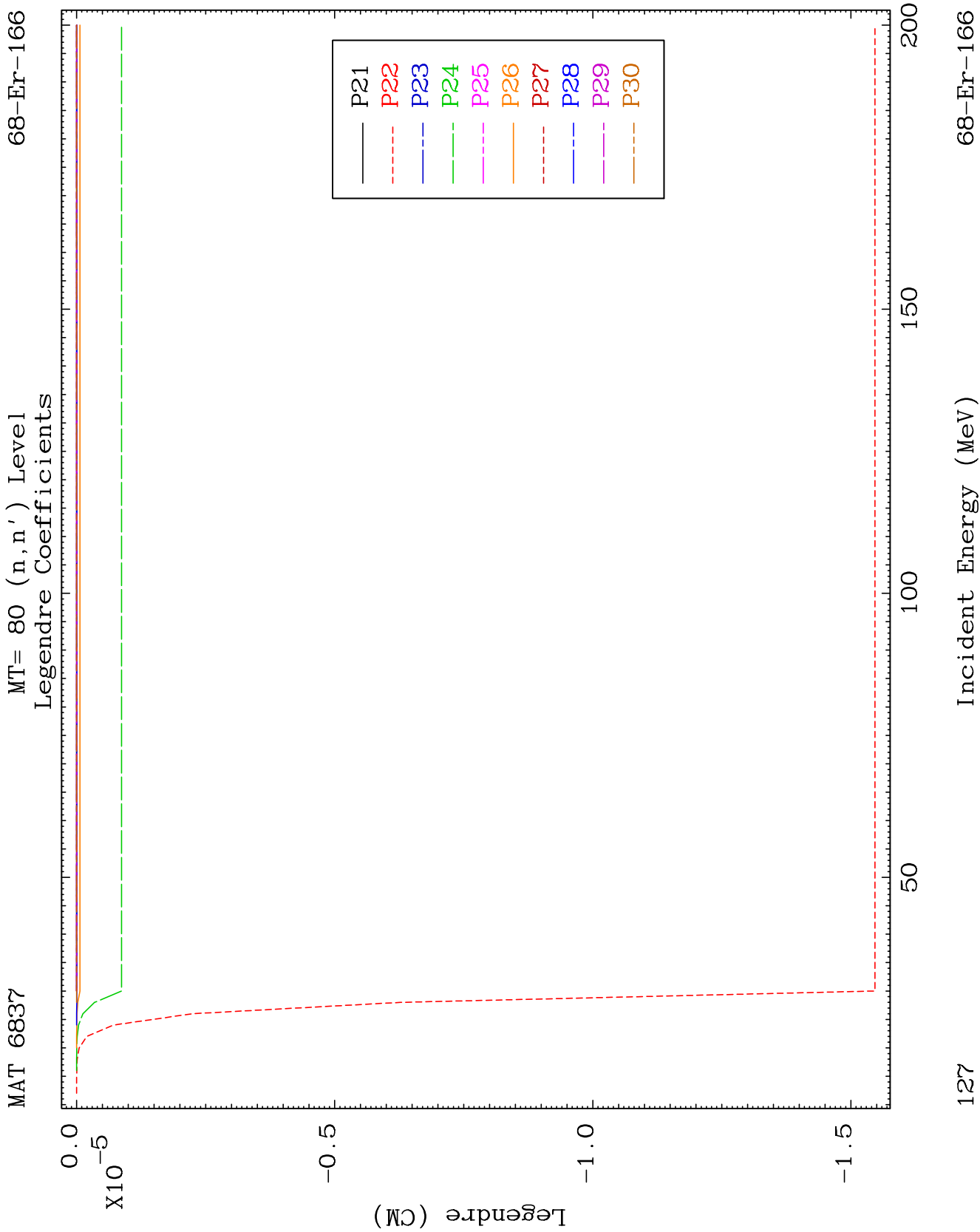


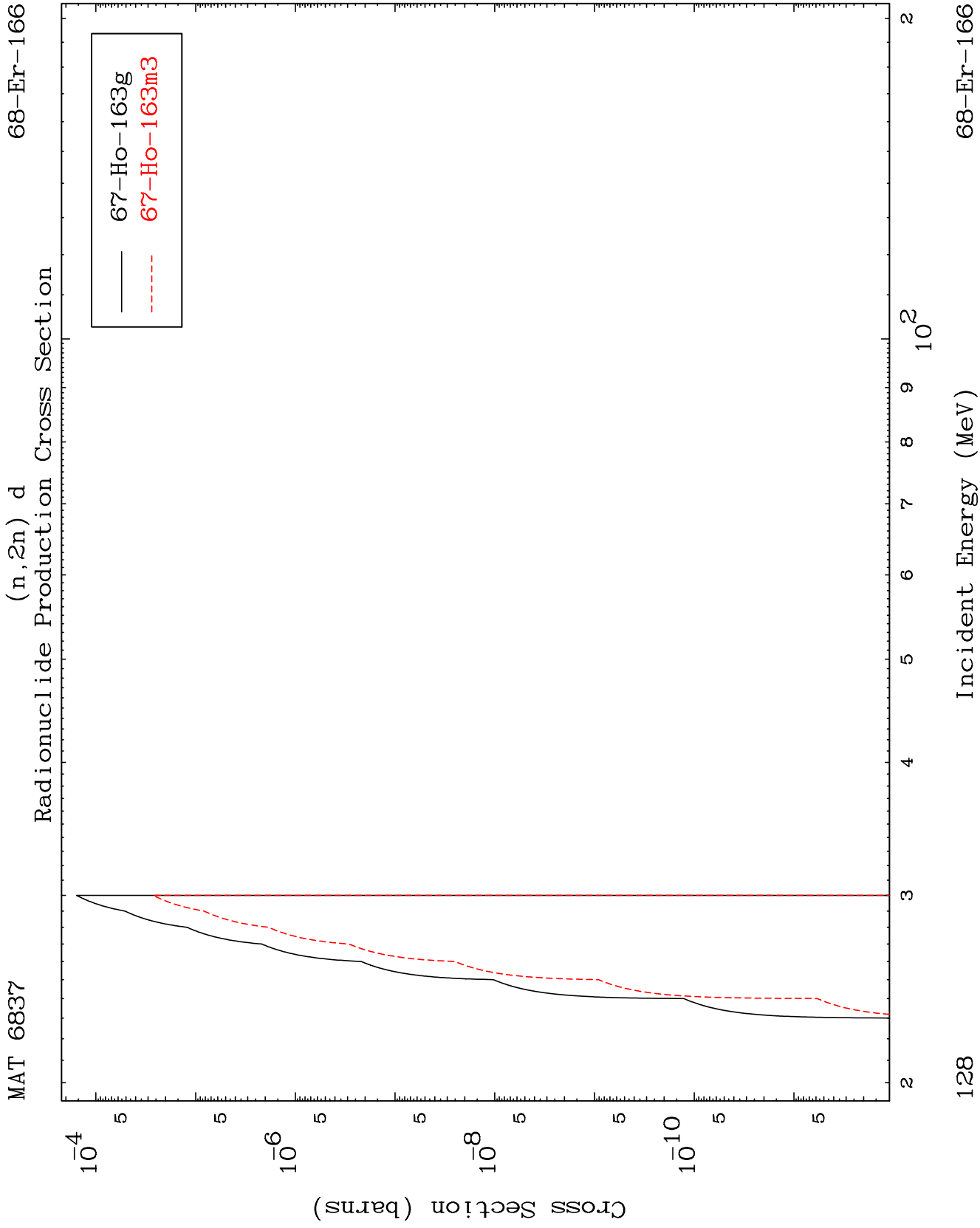


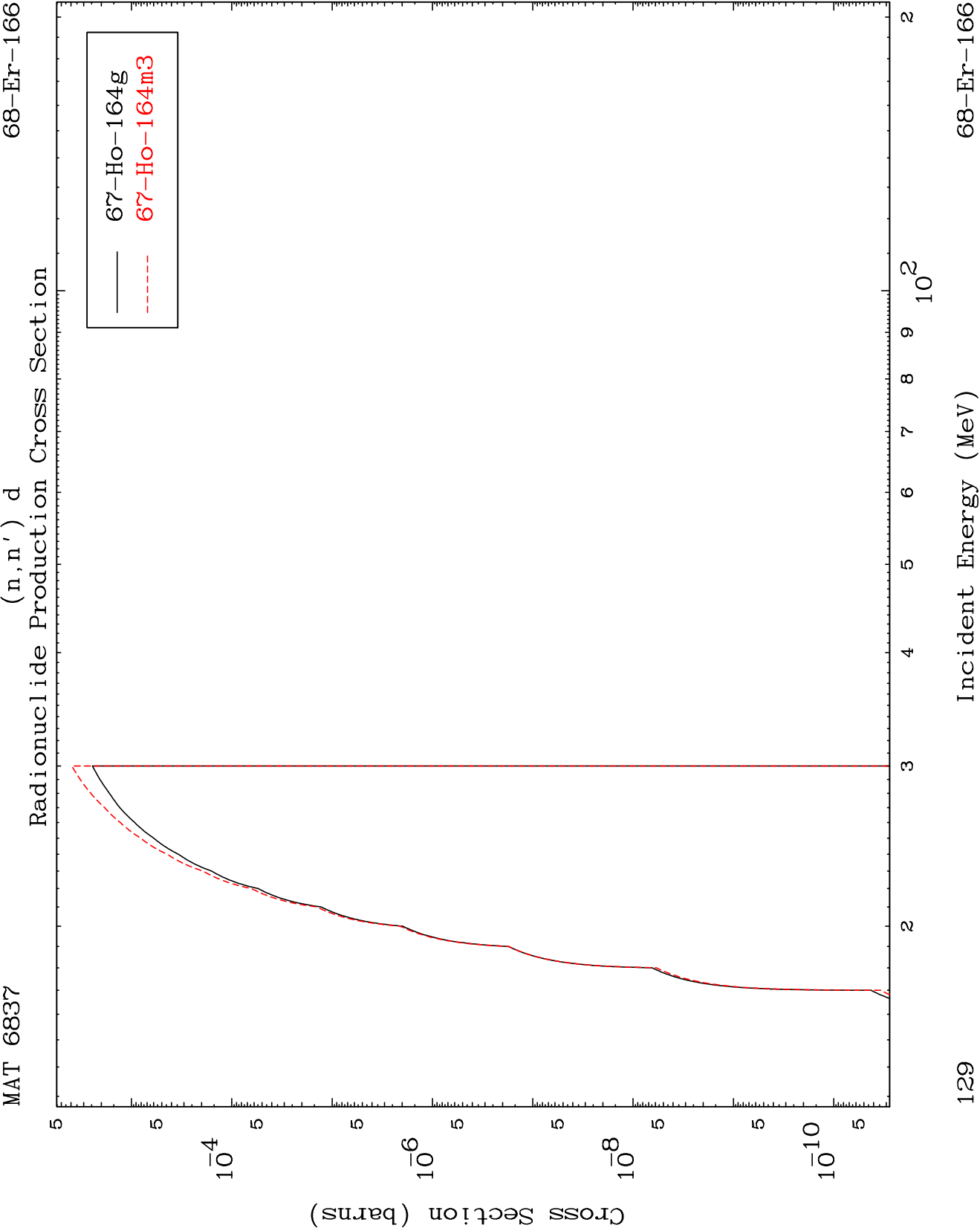


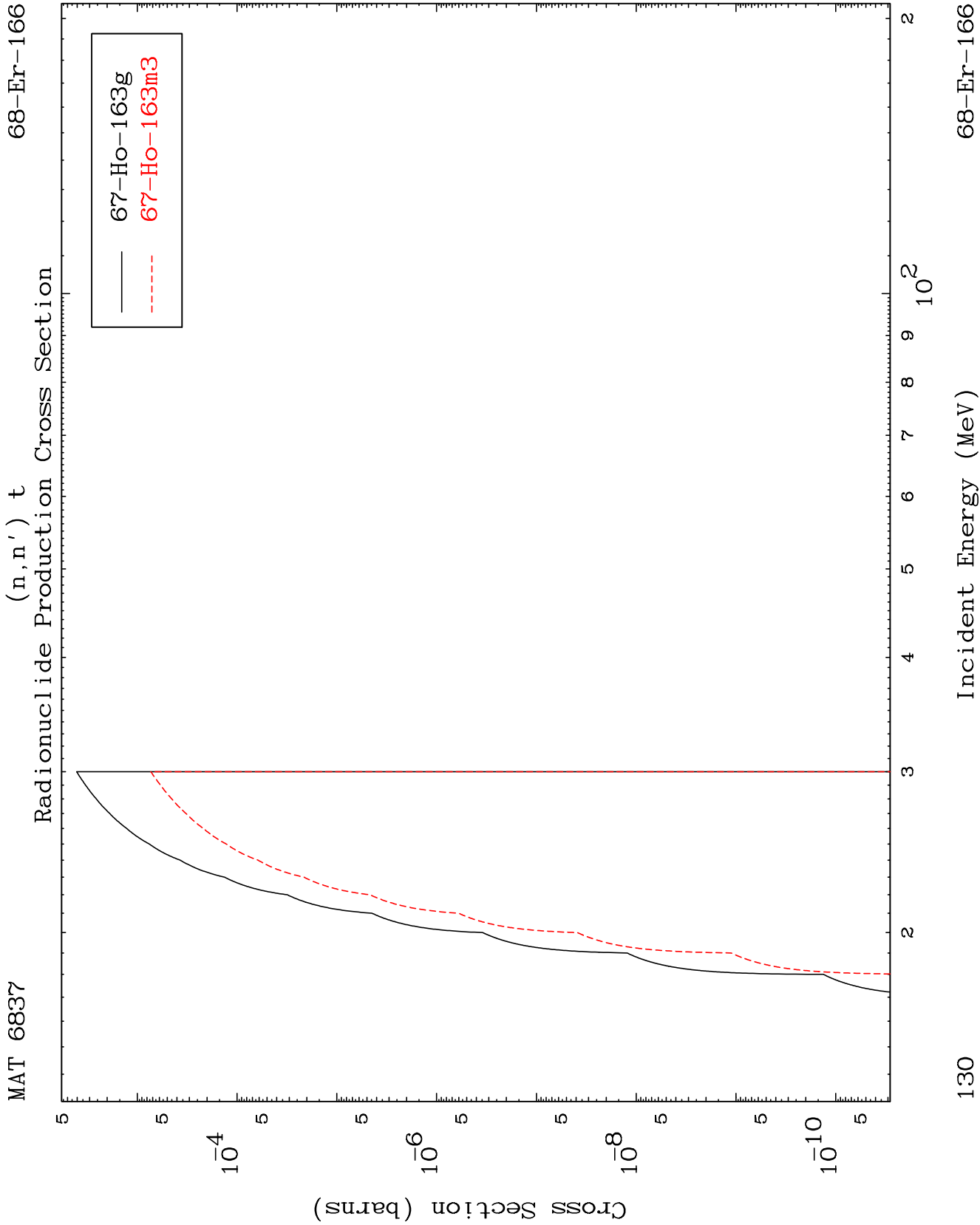


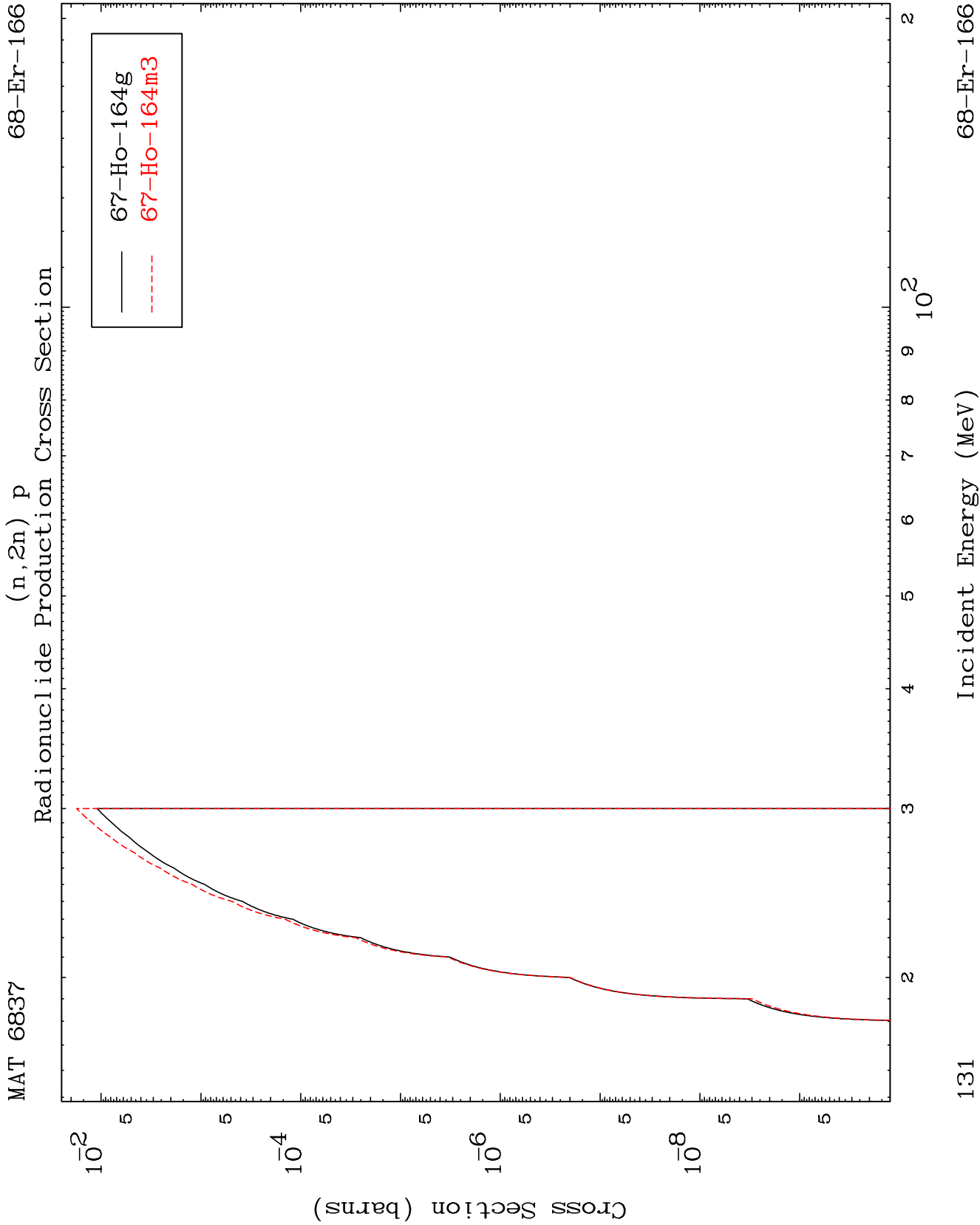




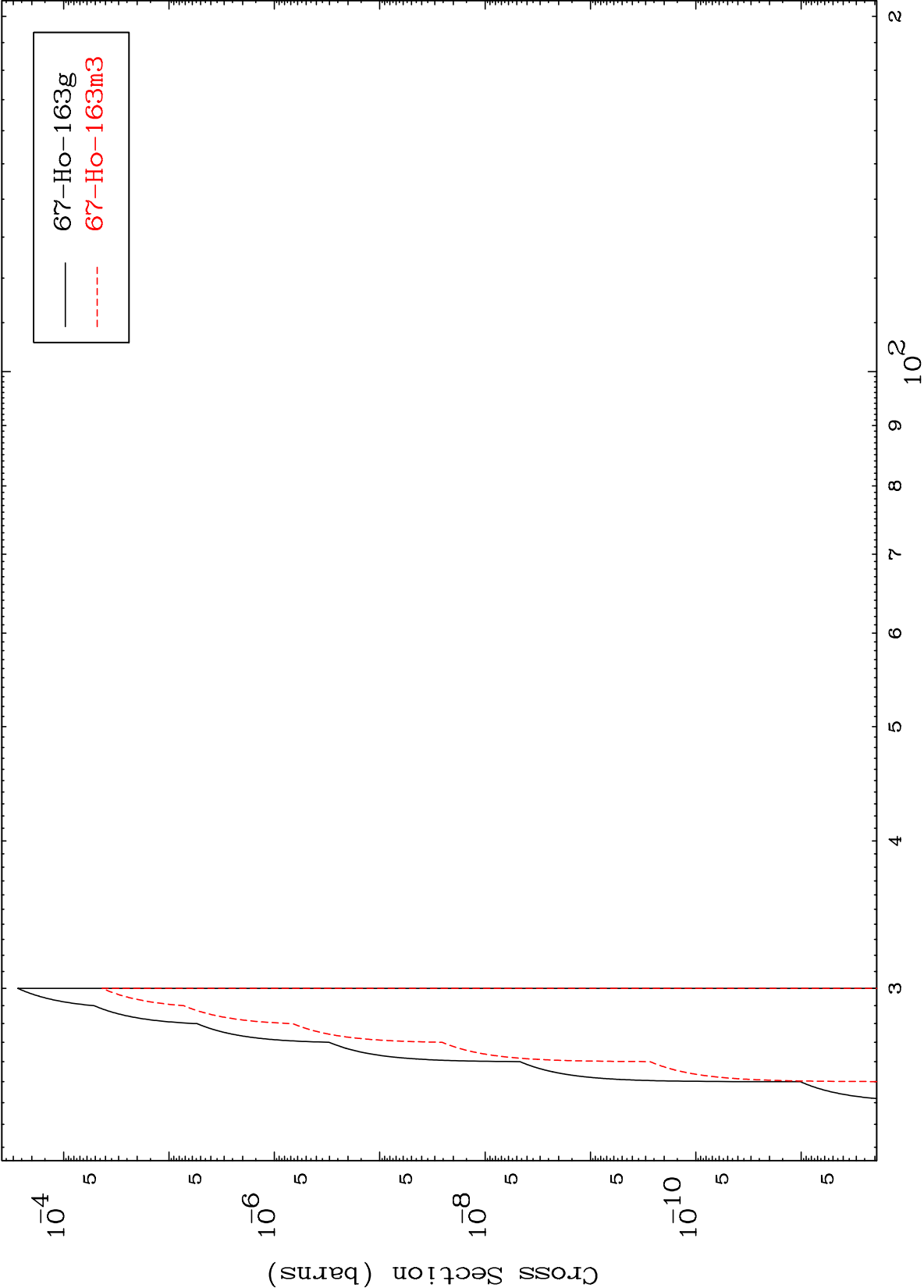








(n,3n) p
Radionuclide Production Cross Section

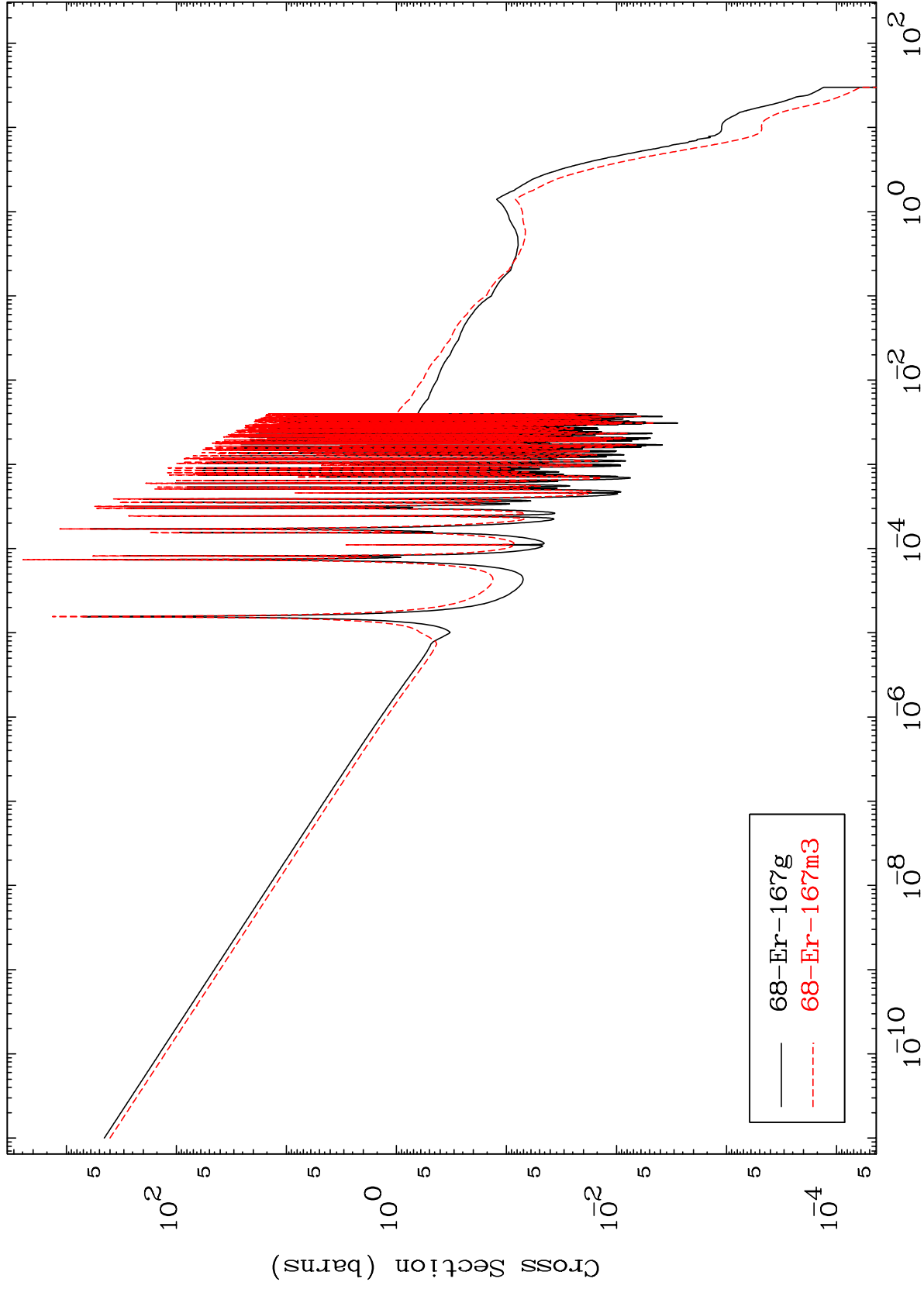


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Radionuclide Production Cross Section

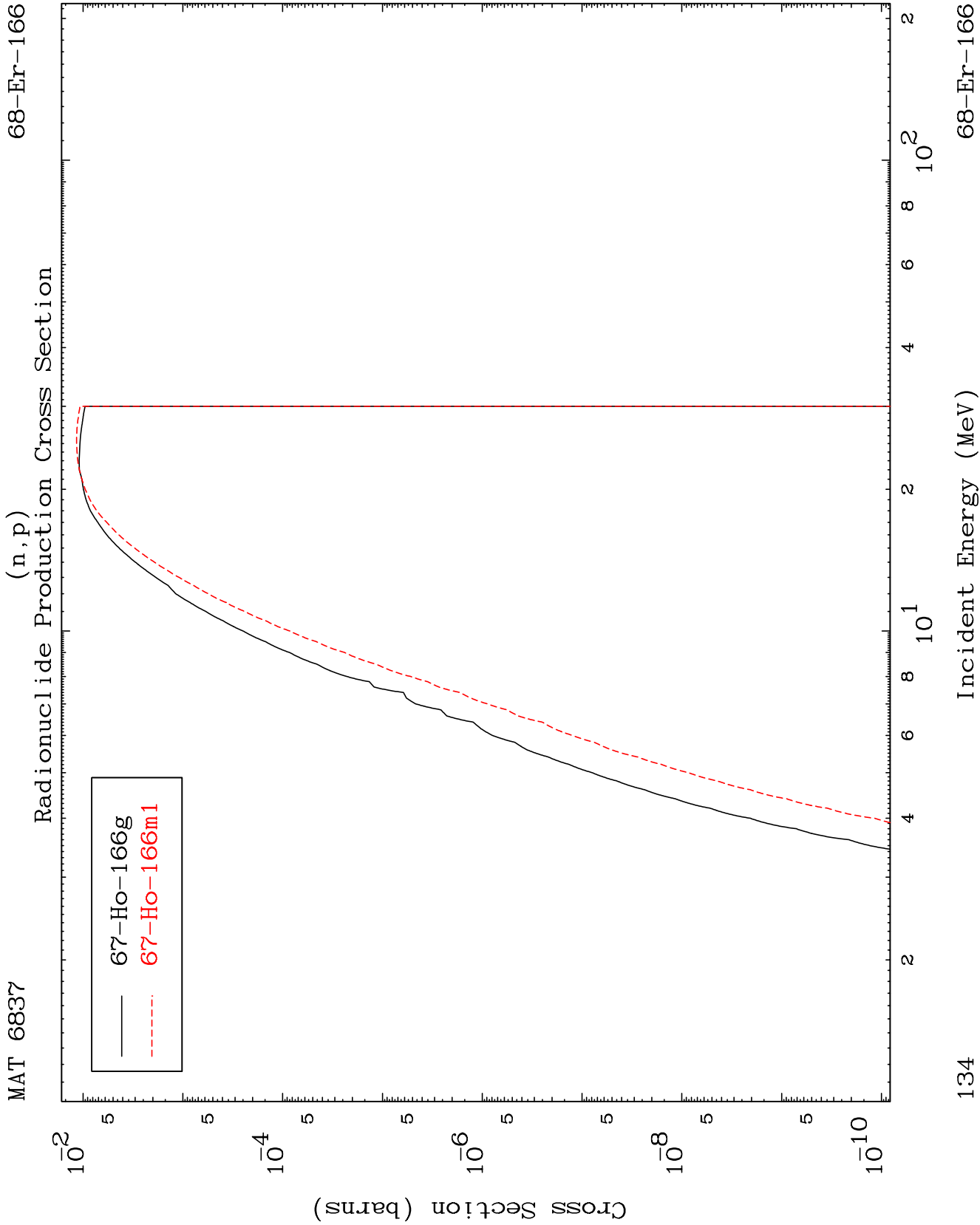
(n, γ)

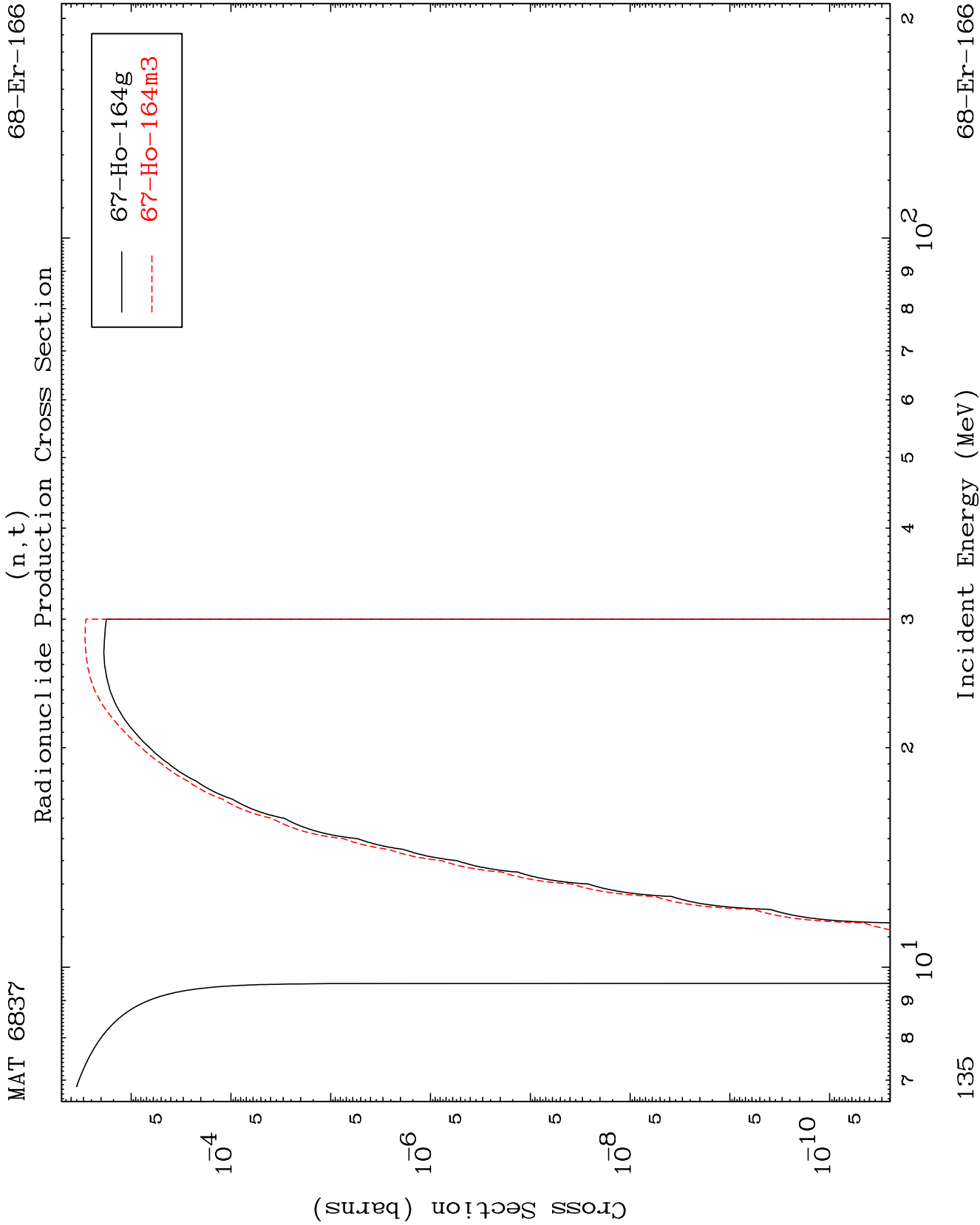


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Incident Energy (MeV)

133

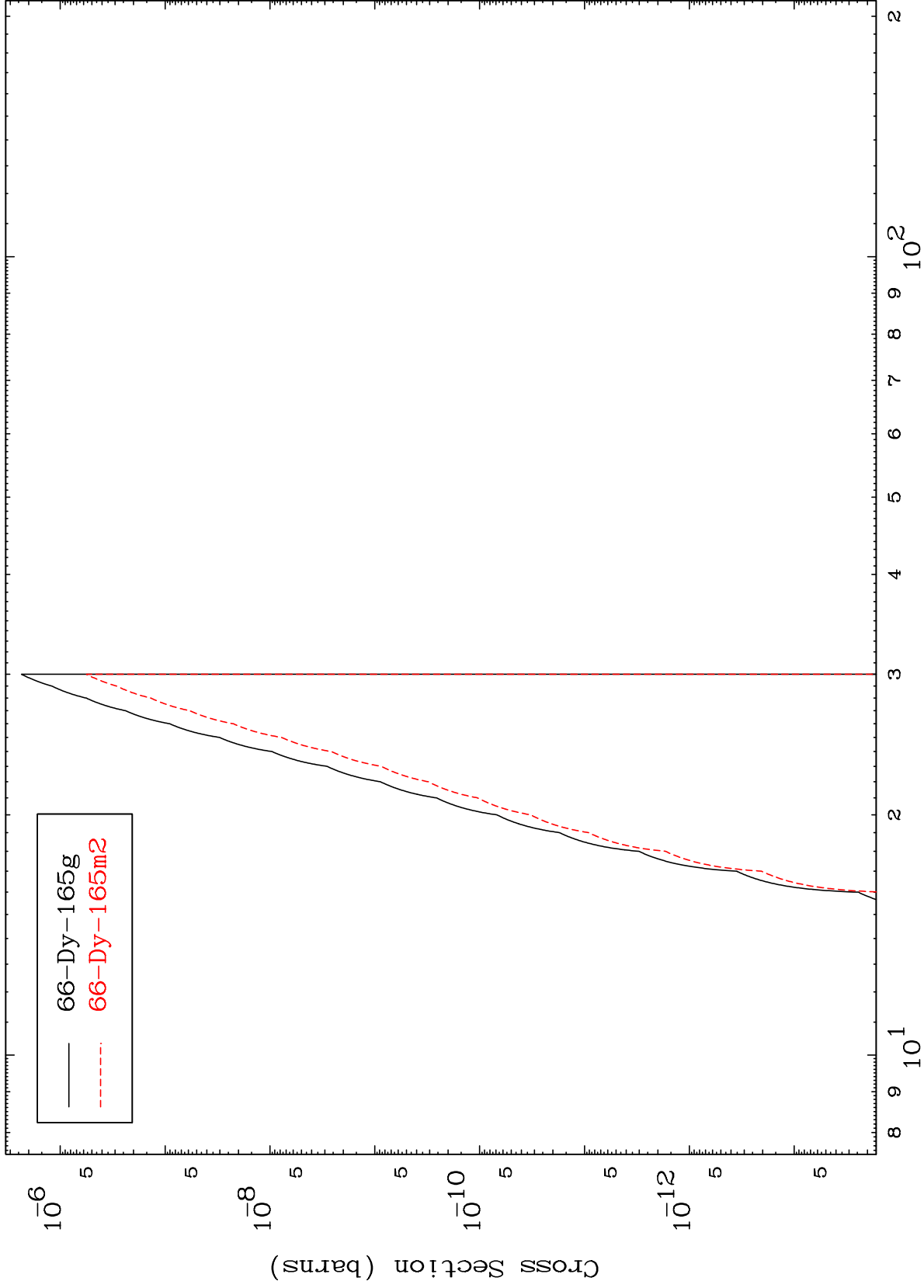




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Radionuclide Production Cross Section
(n,2p)



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Incident Energy (MeV)

136