

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
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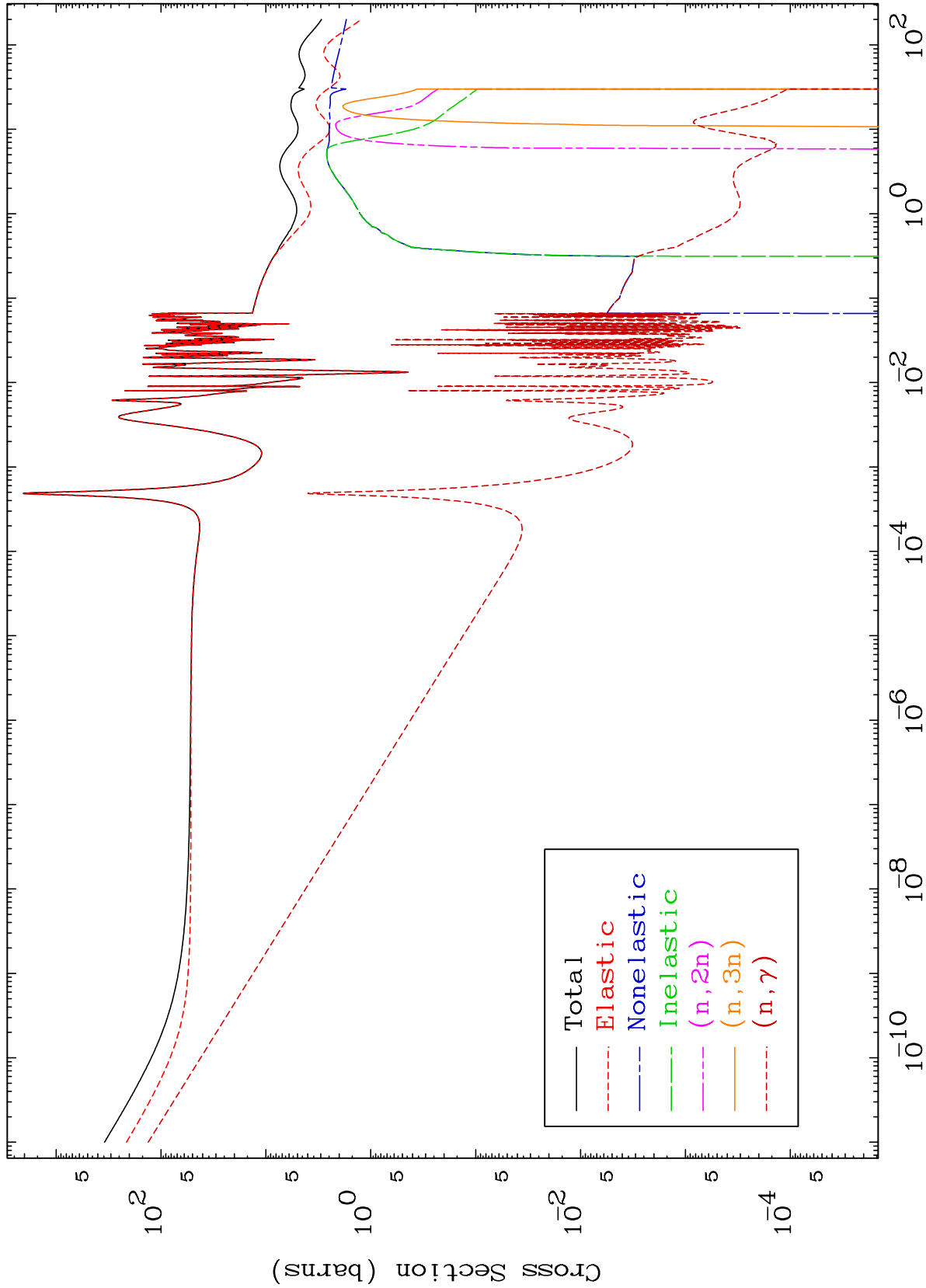
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

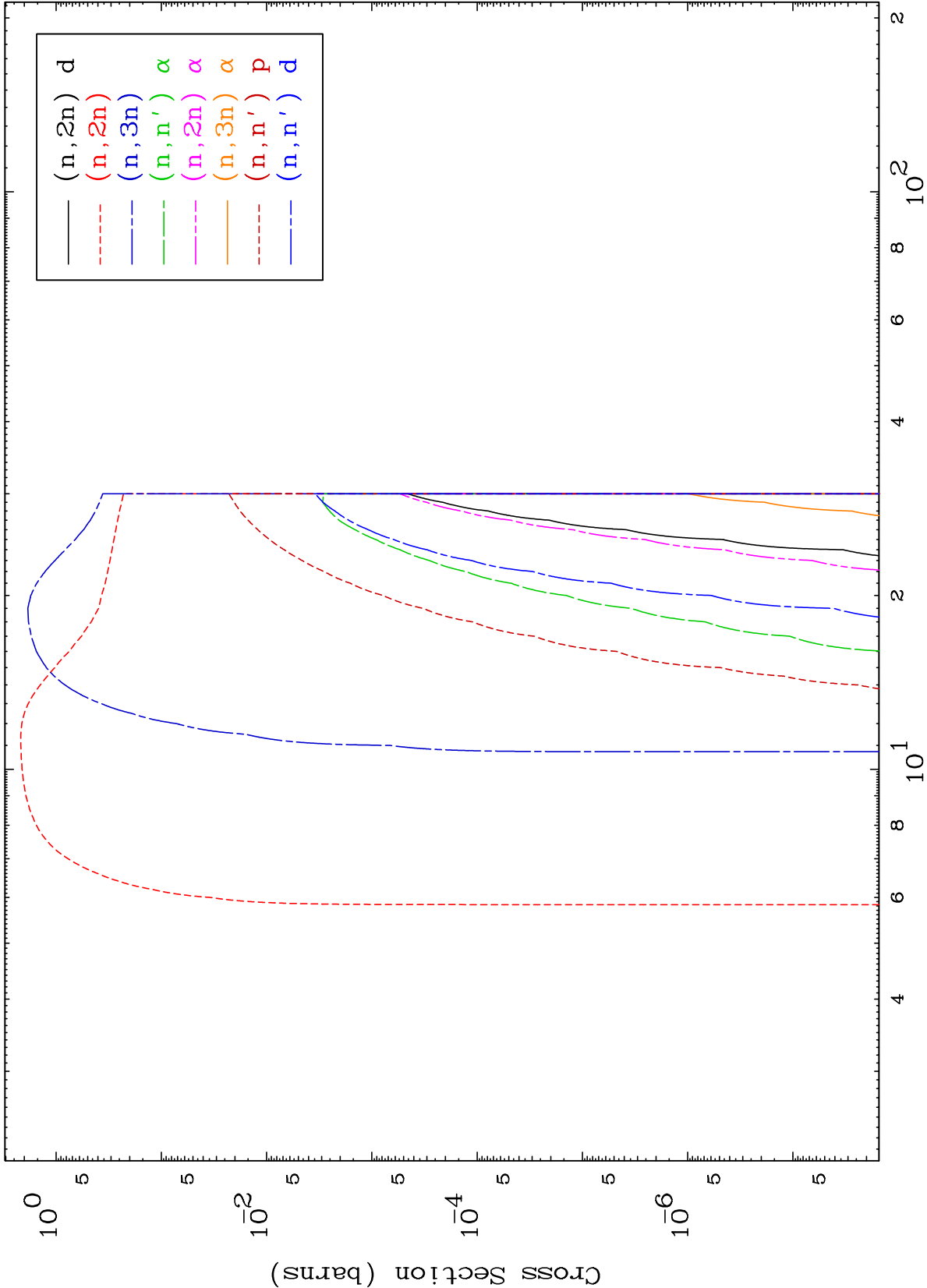
Press Mouse Button to Start

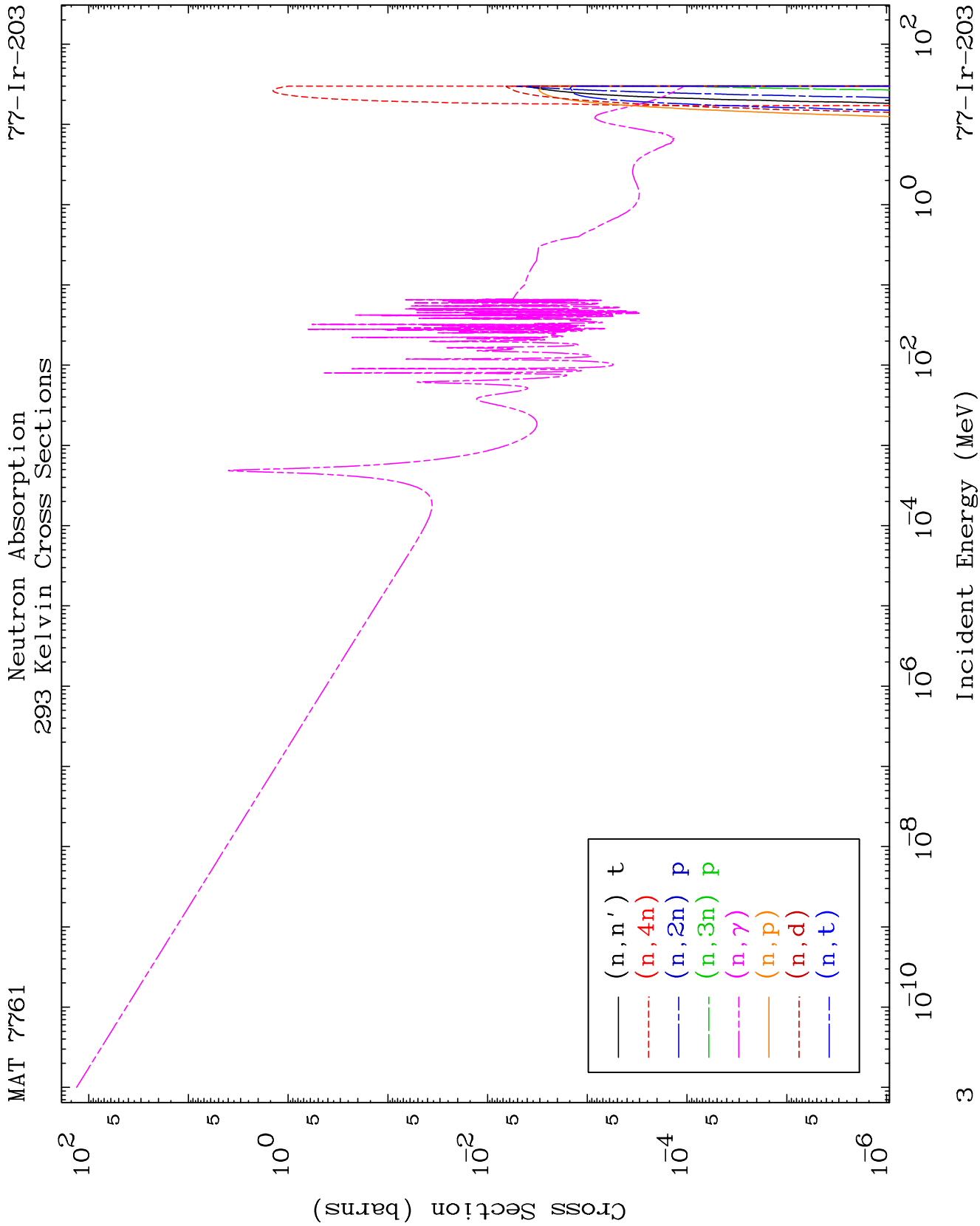
MAT 7761

Neutron Major
293 Kelvin Cross Sections

77-Ir-203



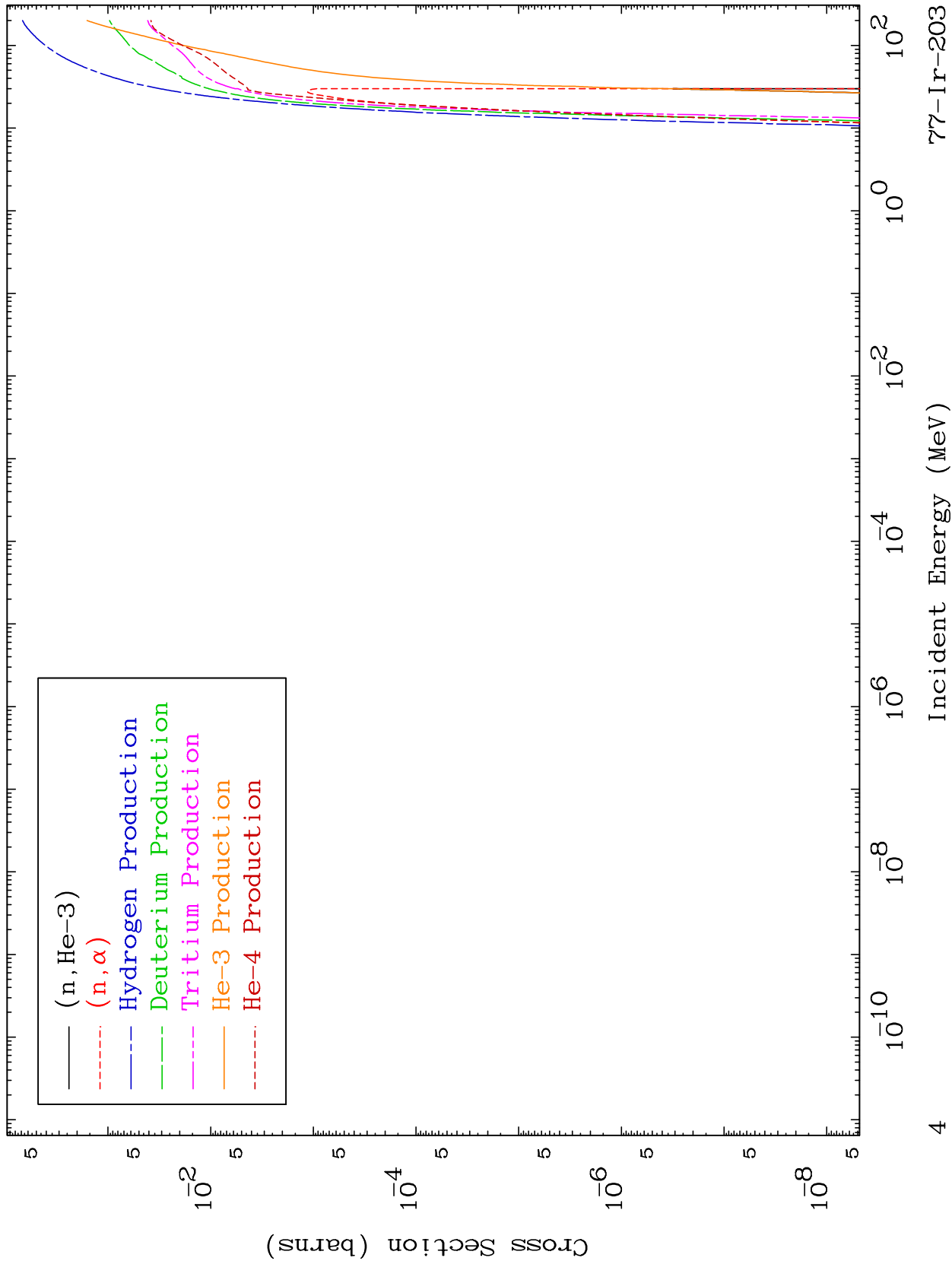


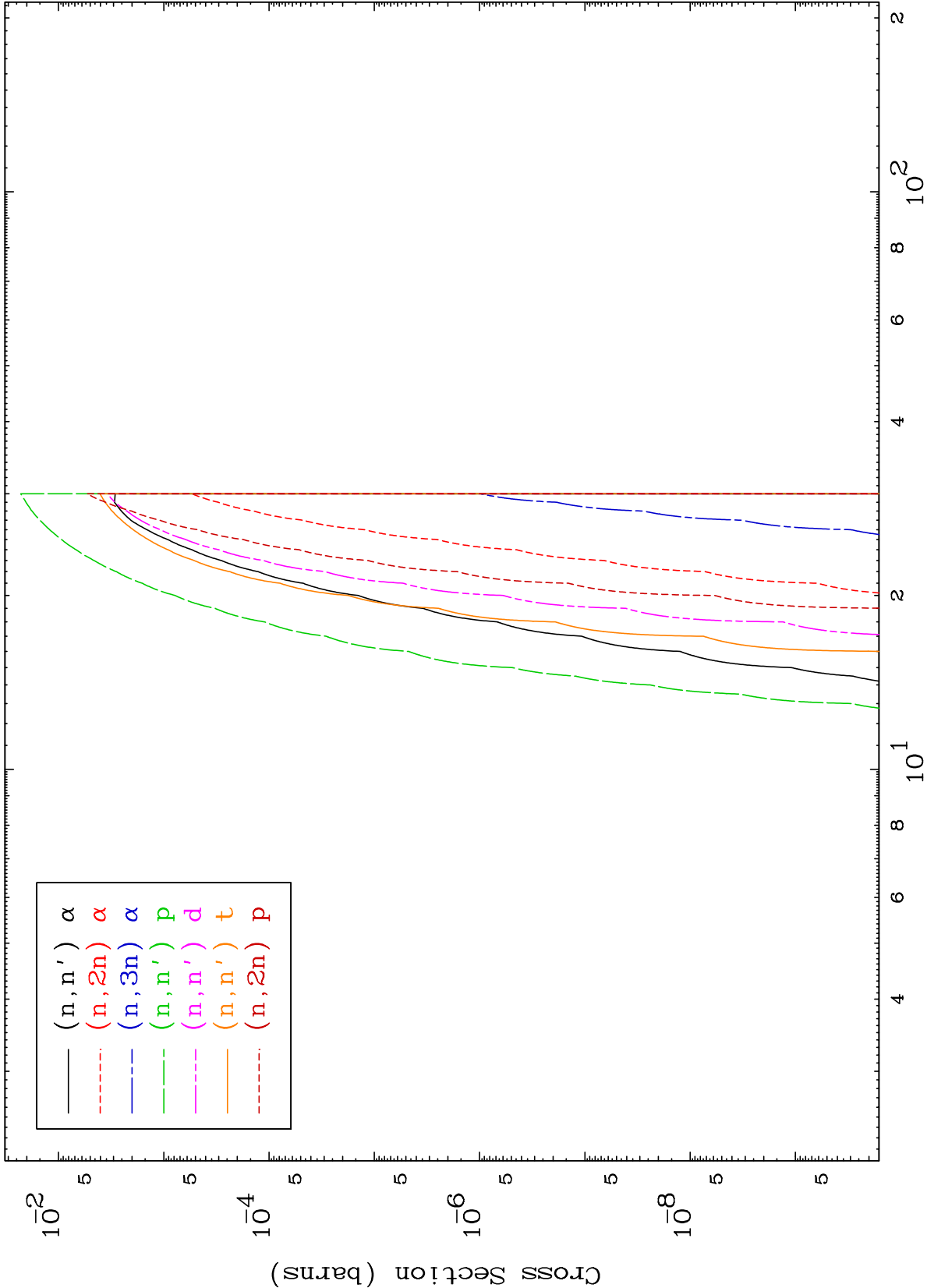


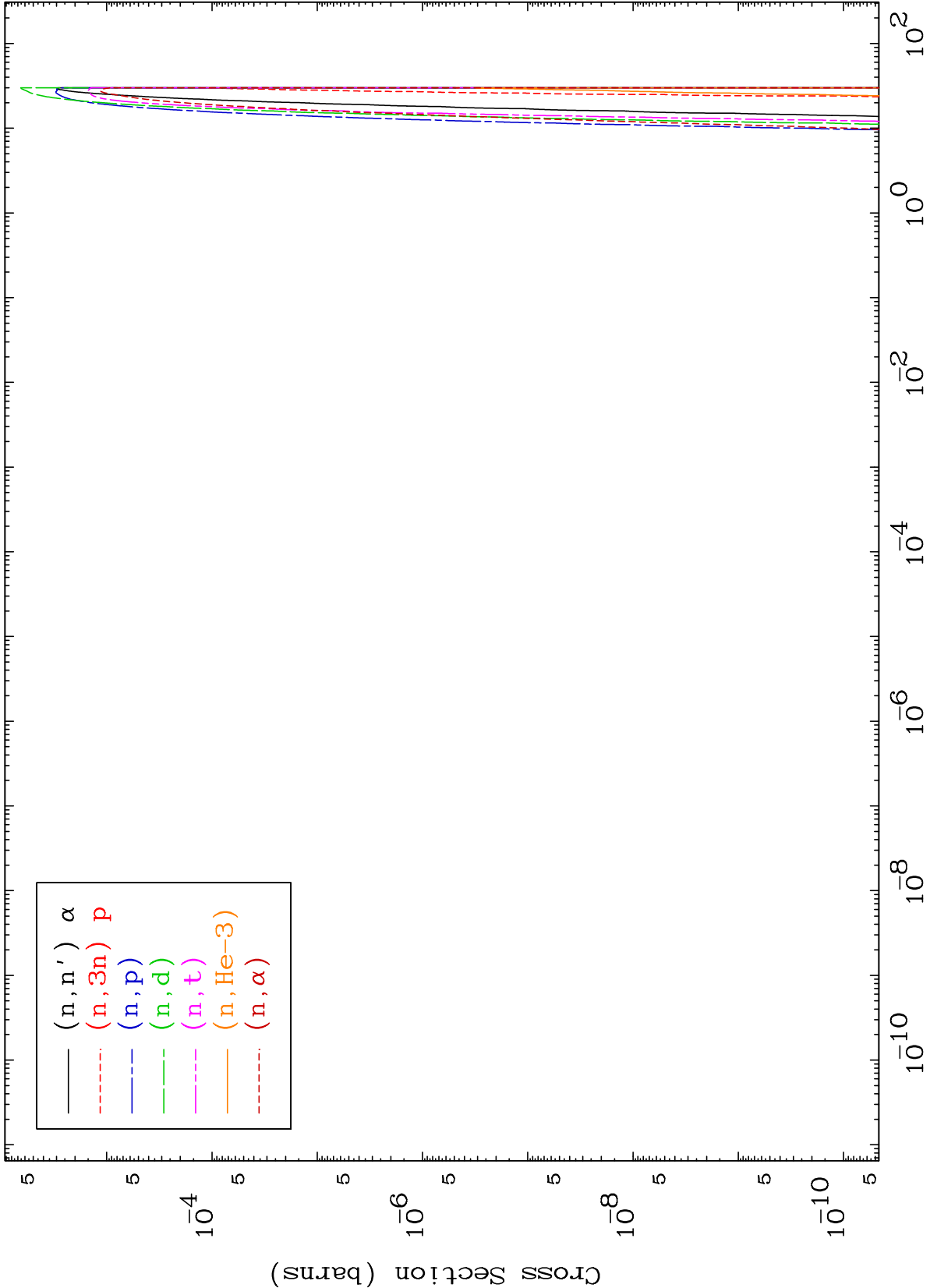
MAT 7761

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-203



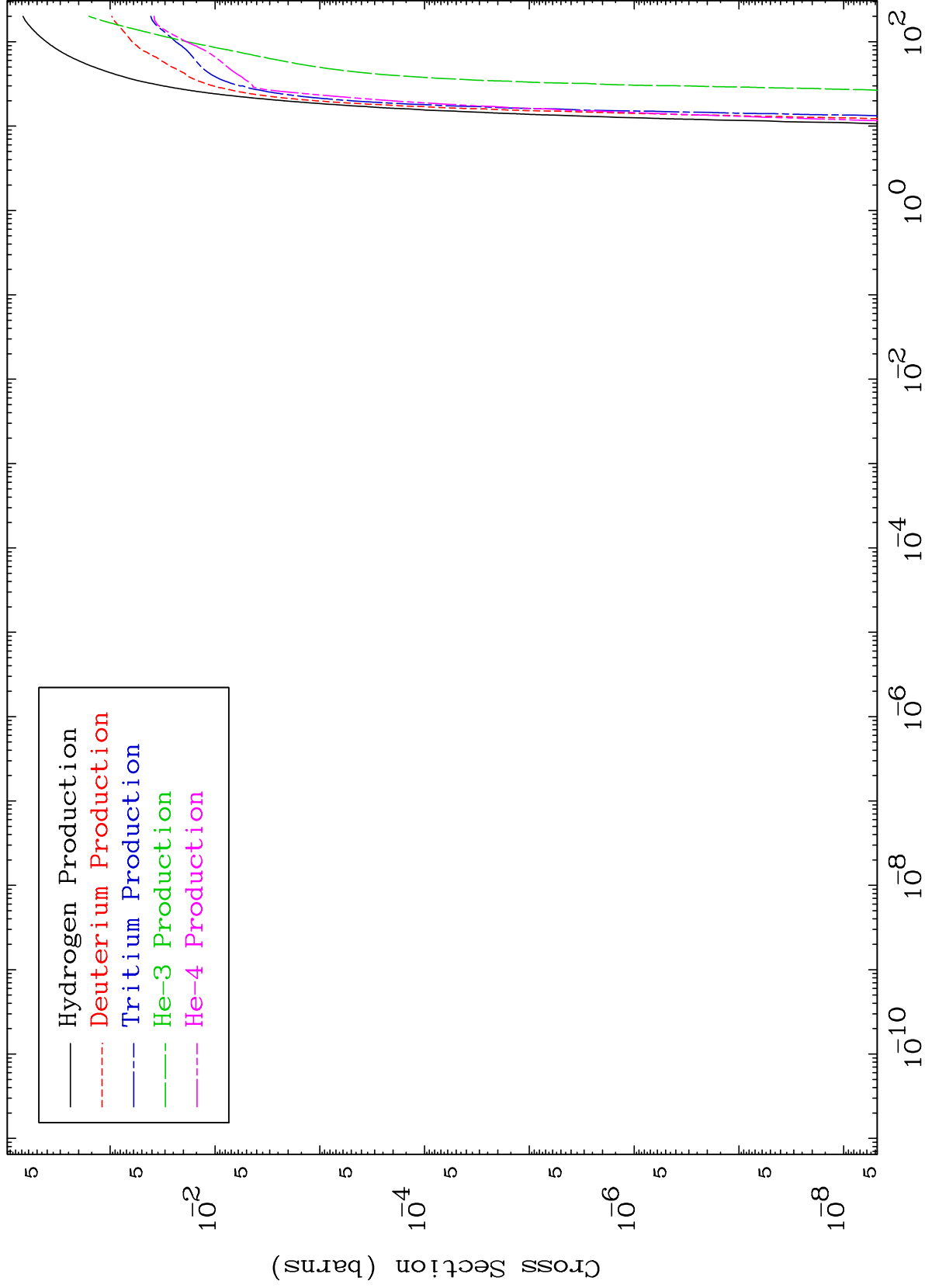




MAT 7761

Particle Production
293 Kelvin Cross Sections

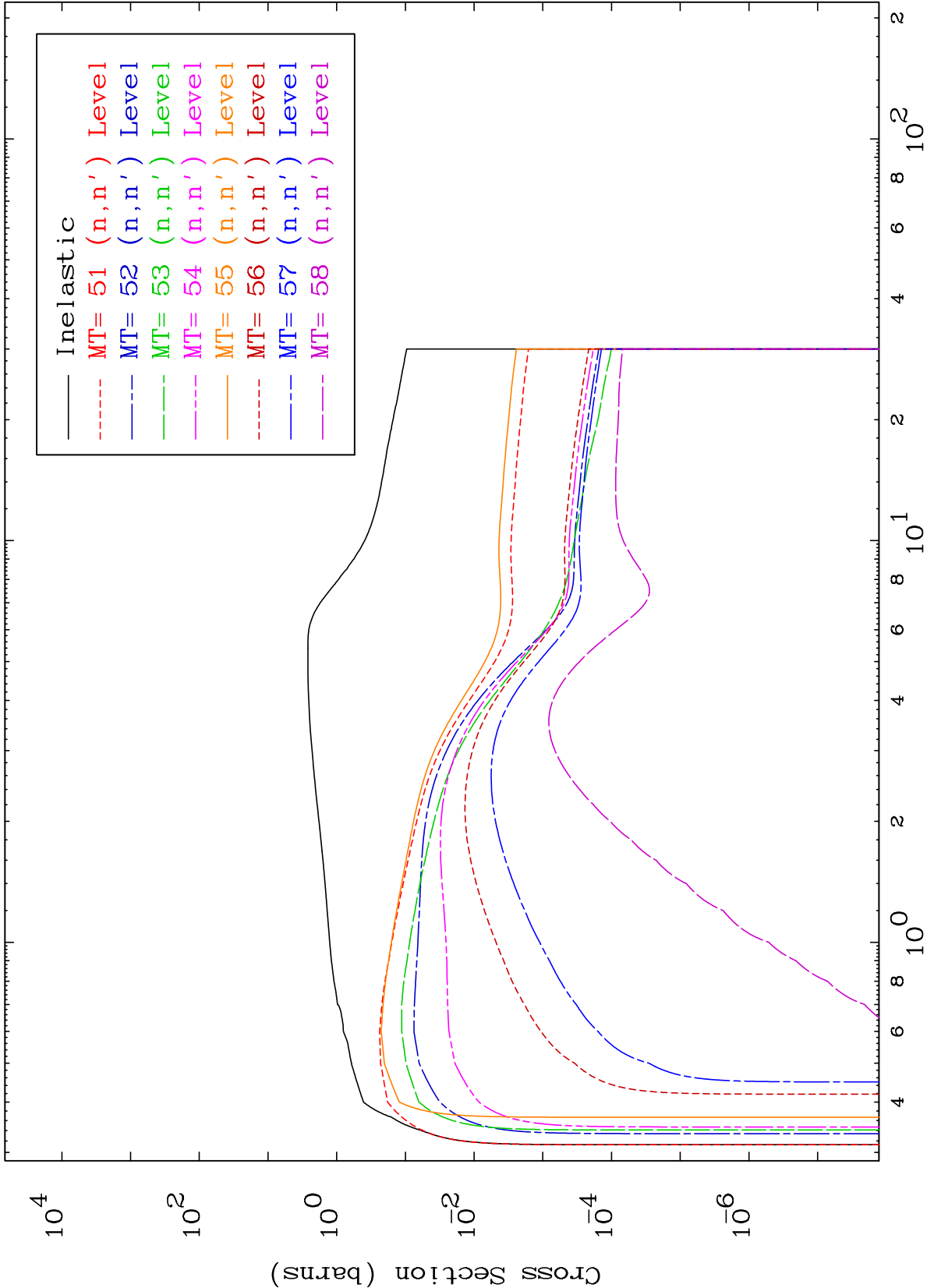
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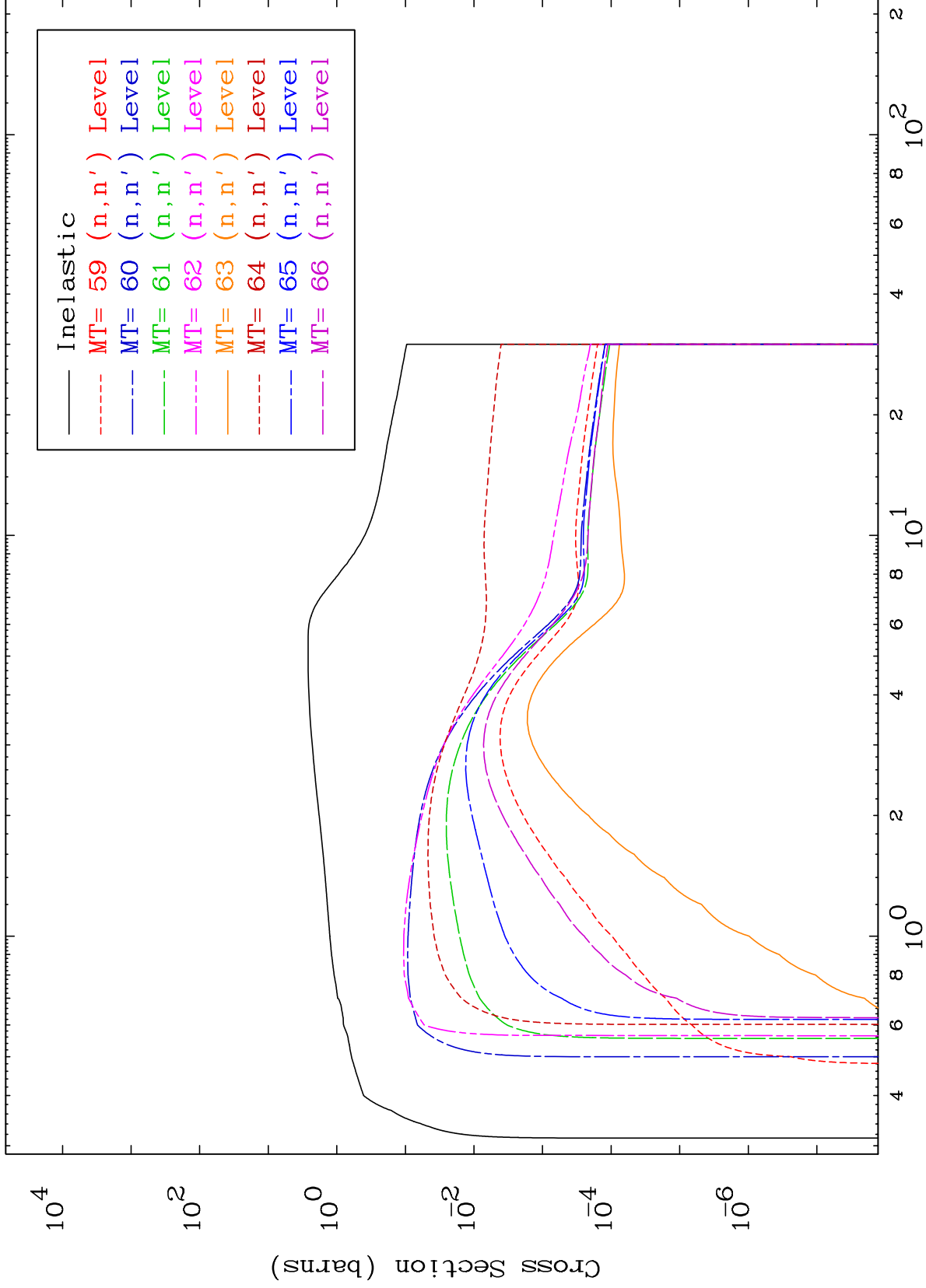
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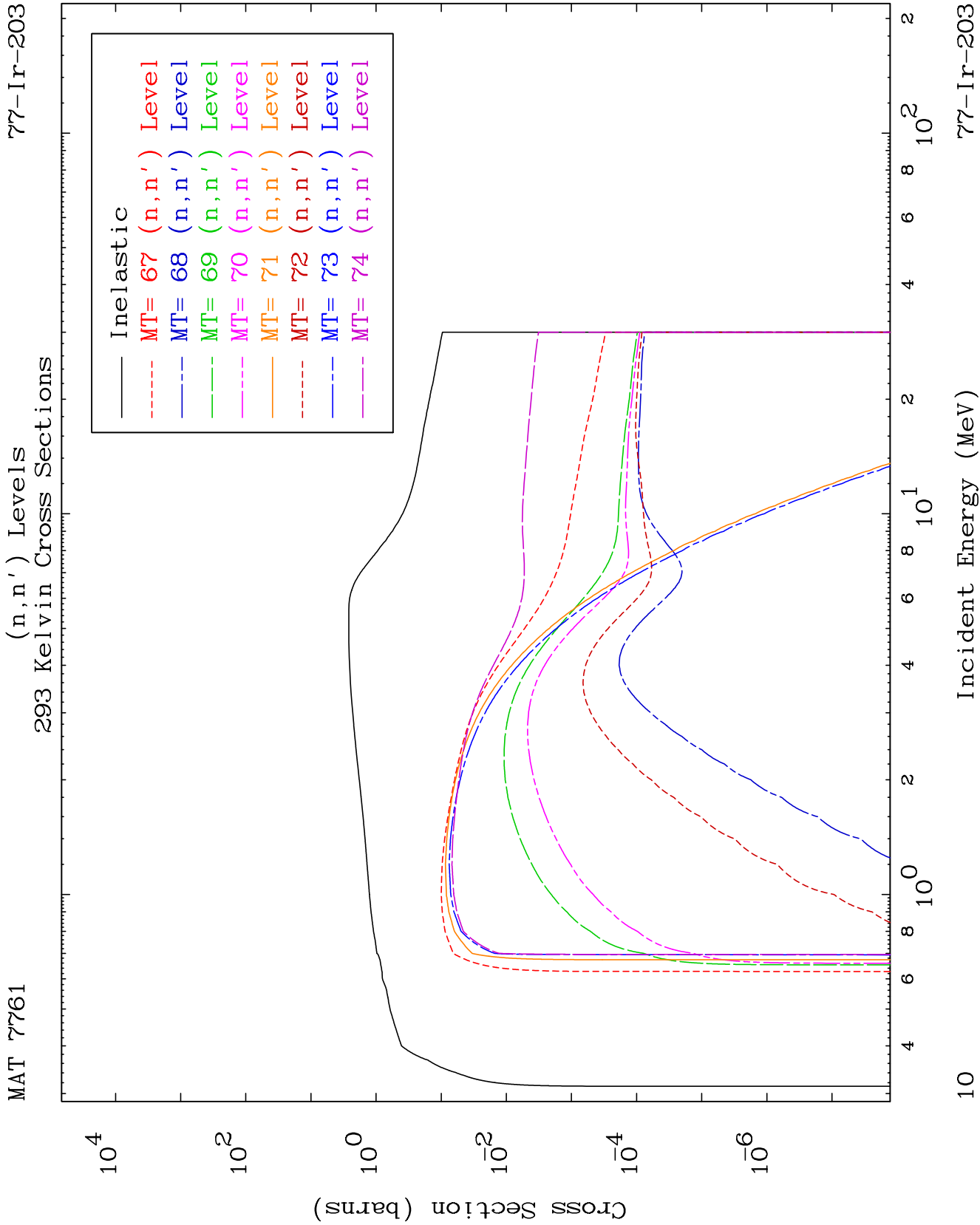
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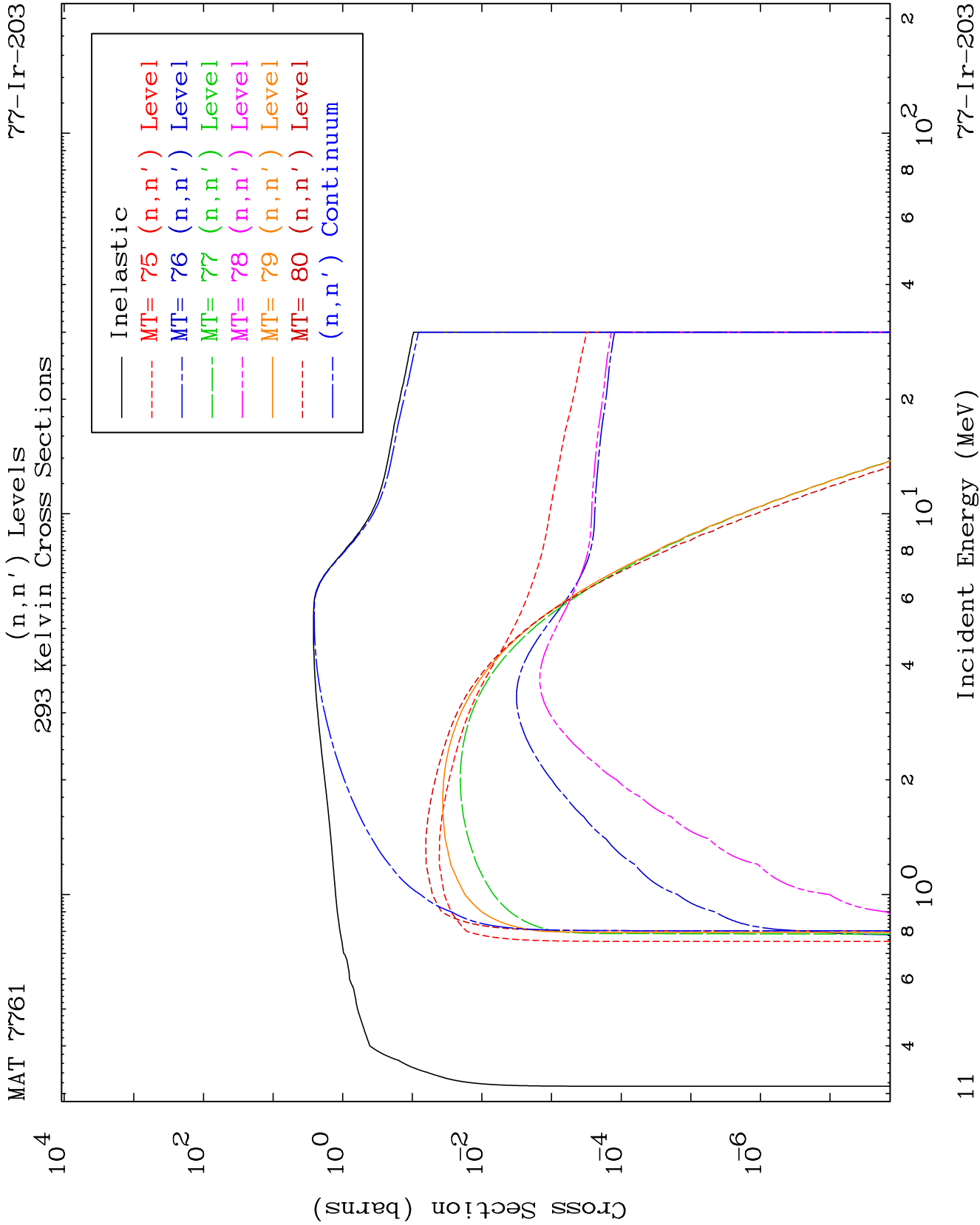
77-Ir-203



293 Kelvin Cross Sections



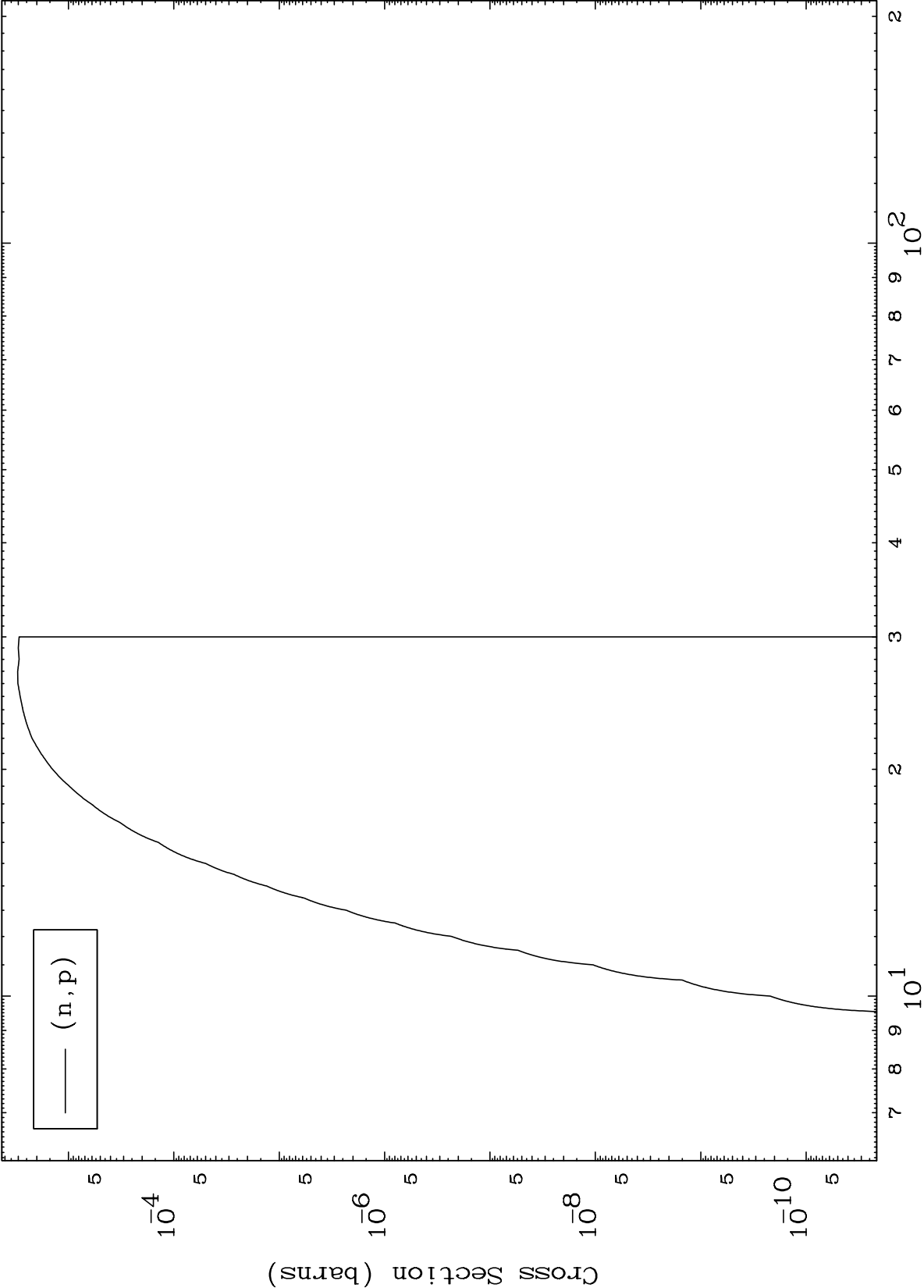




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77-Ir-203

(n,p) Levels
293 Kelvin Cross Sections



77-Ir-203

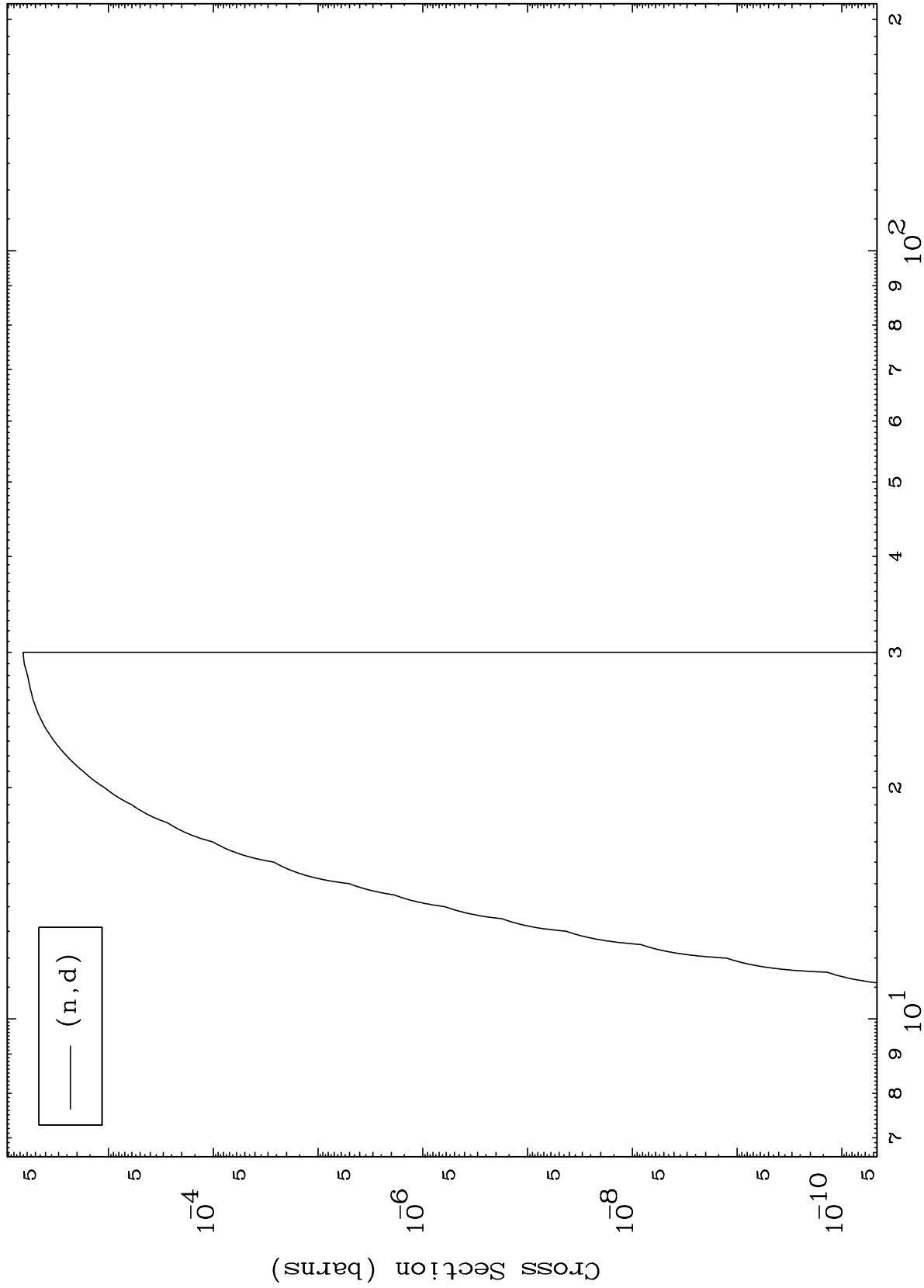
Incident Energy (MeV)

12

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77-Ir-203

(n,d) Levels
293 Kelvin Cross Sections



77-Ir-203

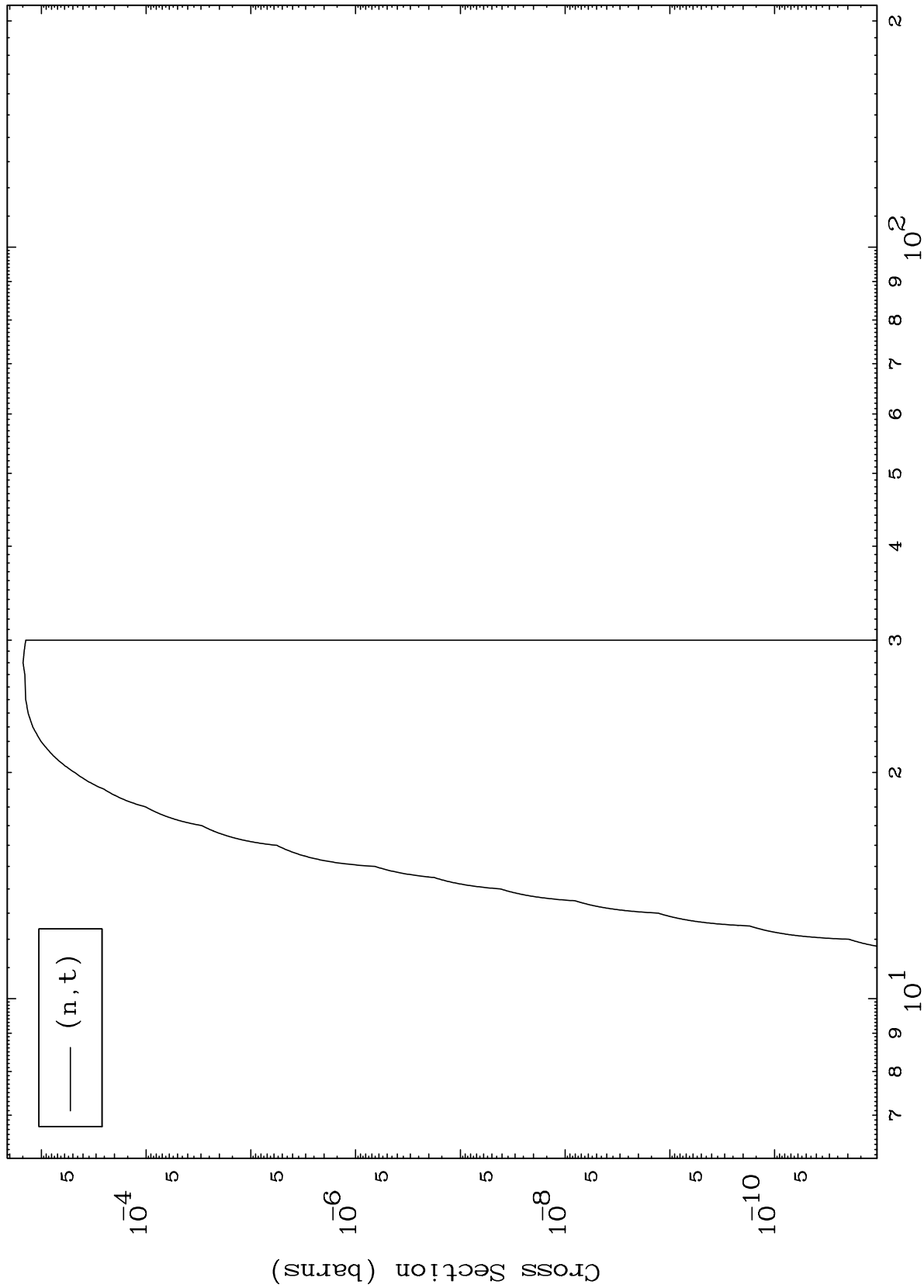
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13

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77-Ir-203

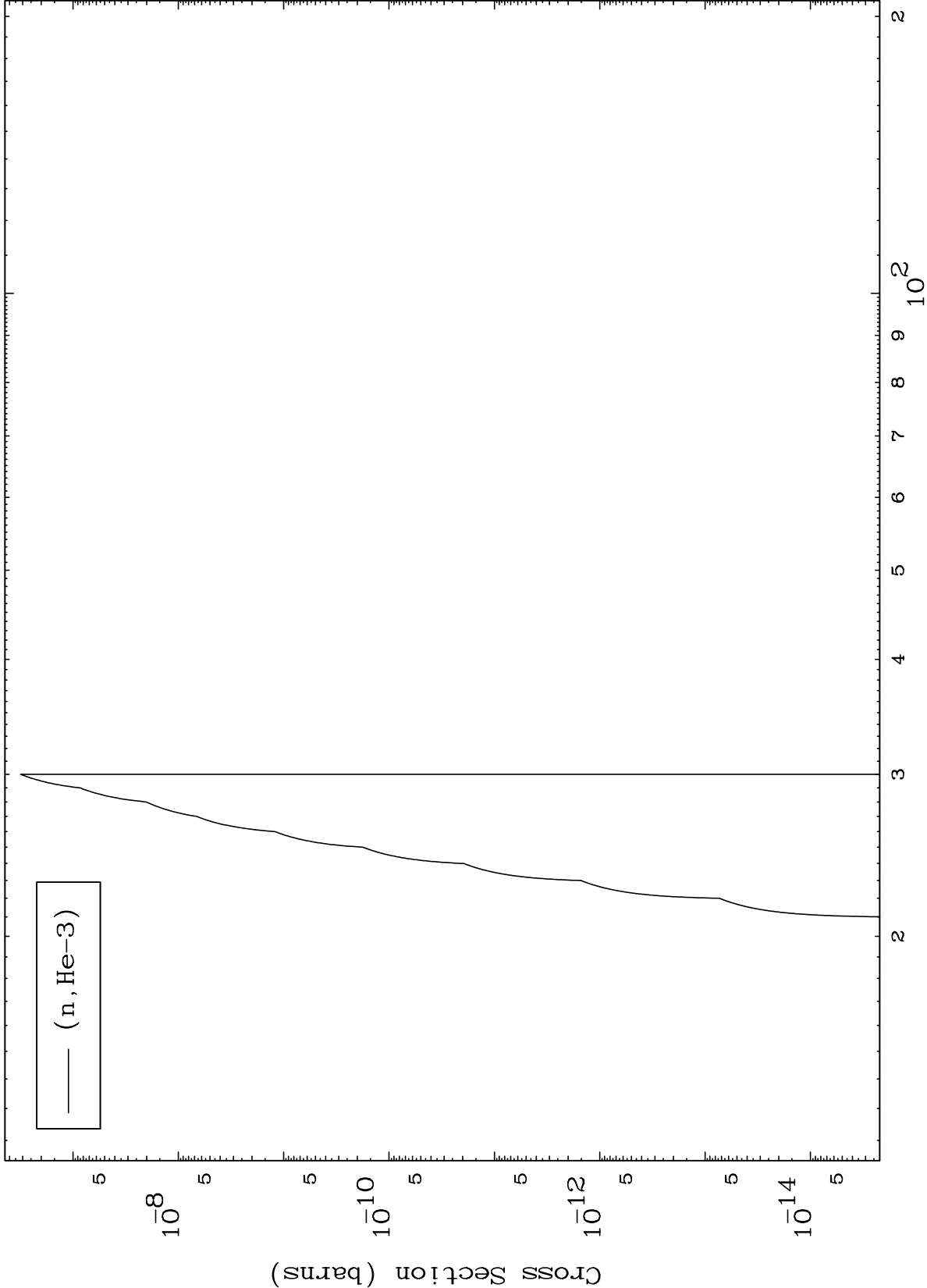
(n,t) Levels
293 Kelvin Cross Sections

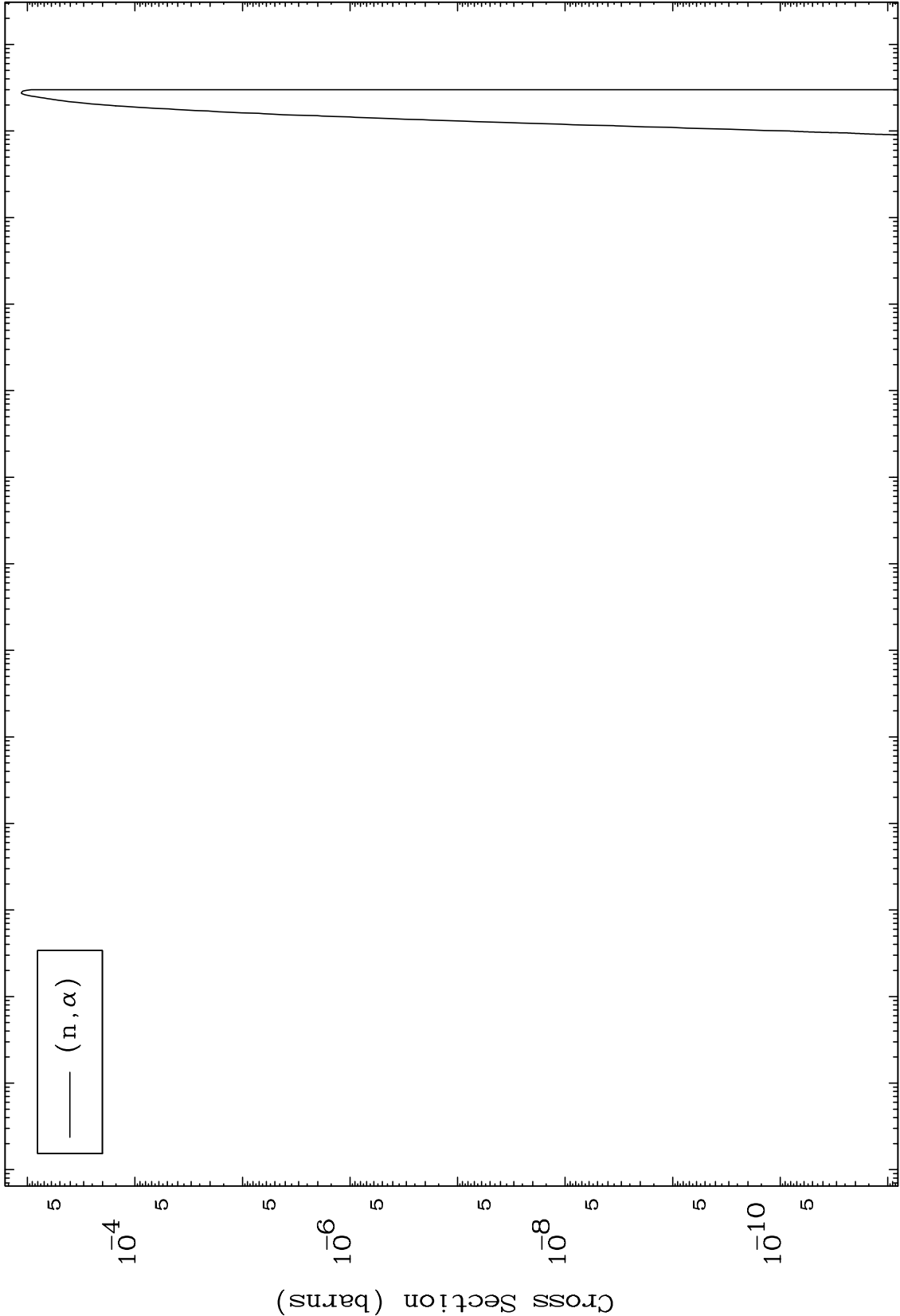


77-Ir-203

Incident Energy (MeV)

14

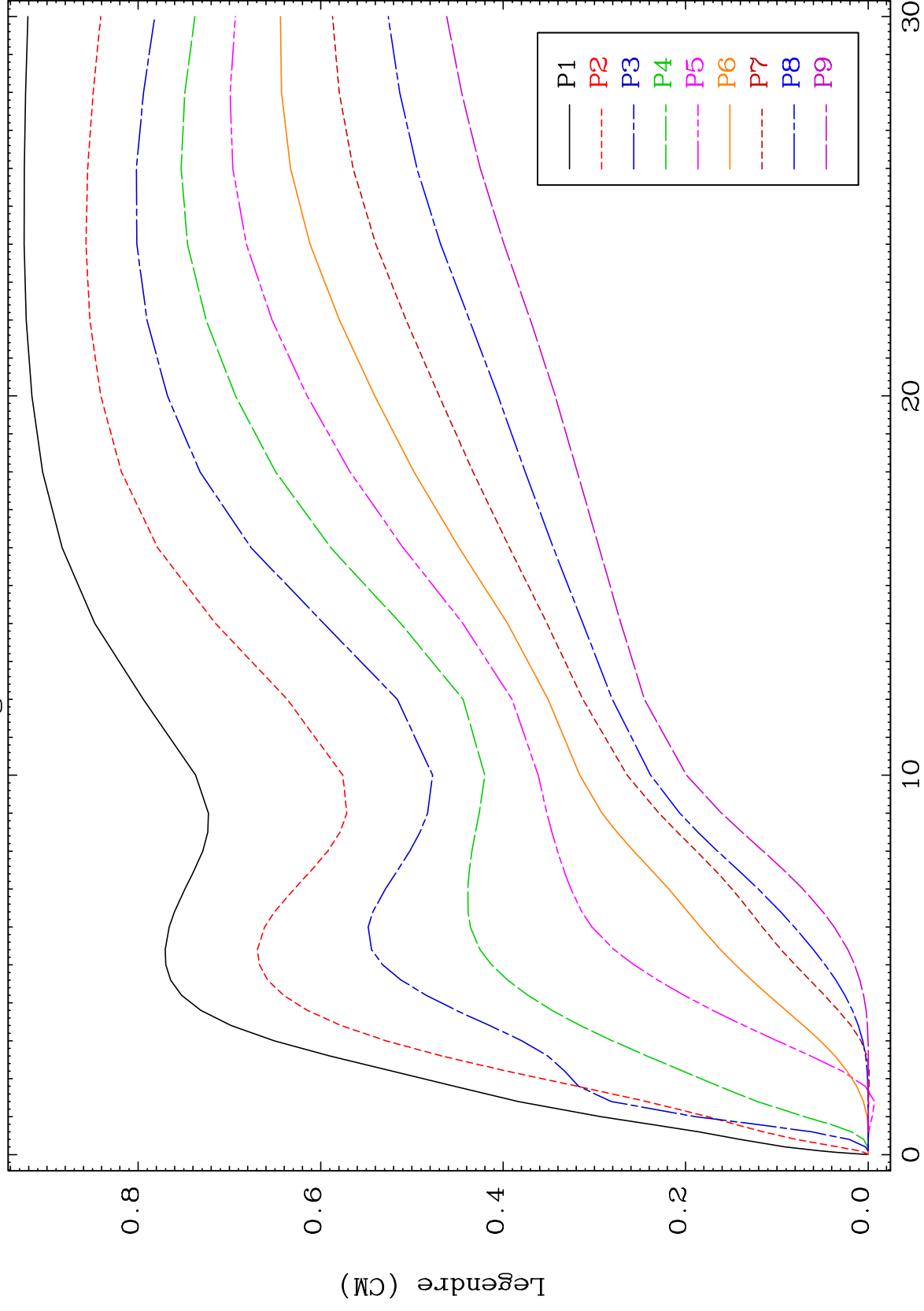




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77-Ir-203

Elastic Legendre Coefficients



21

Incident Energy (MeV)

77-1r-203

30

20

10

0

P1

P2

P3

P4

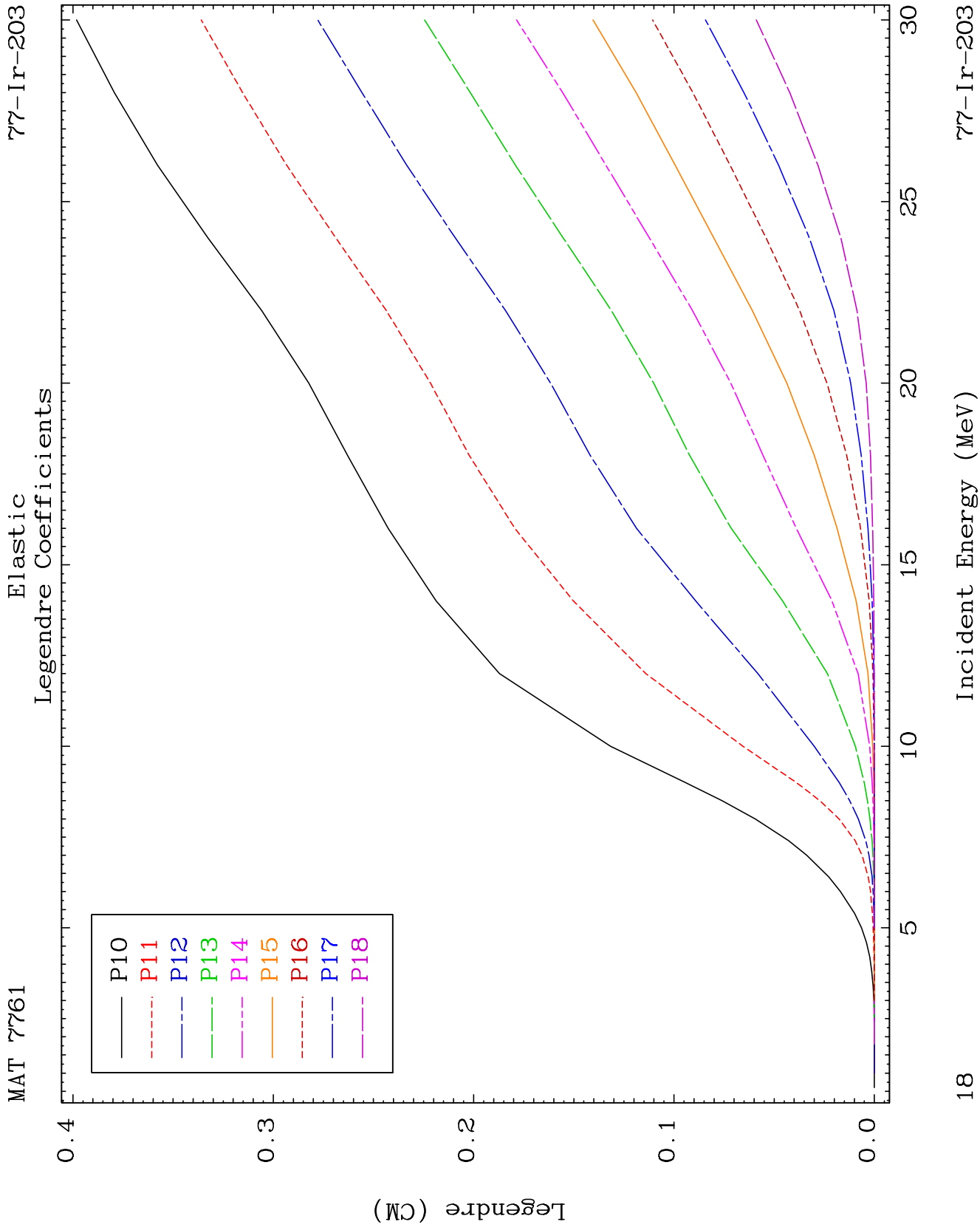
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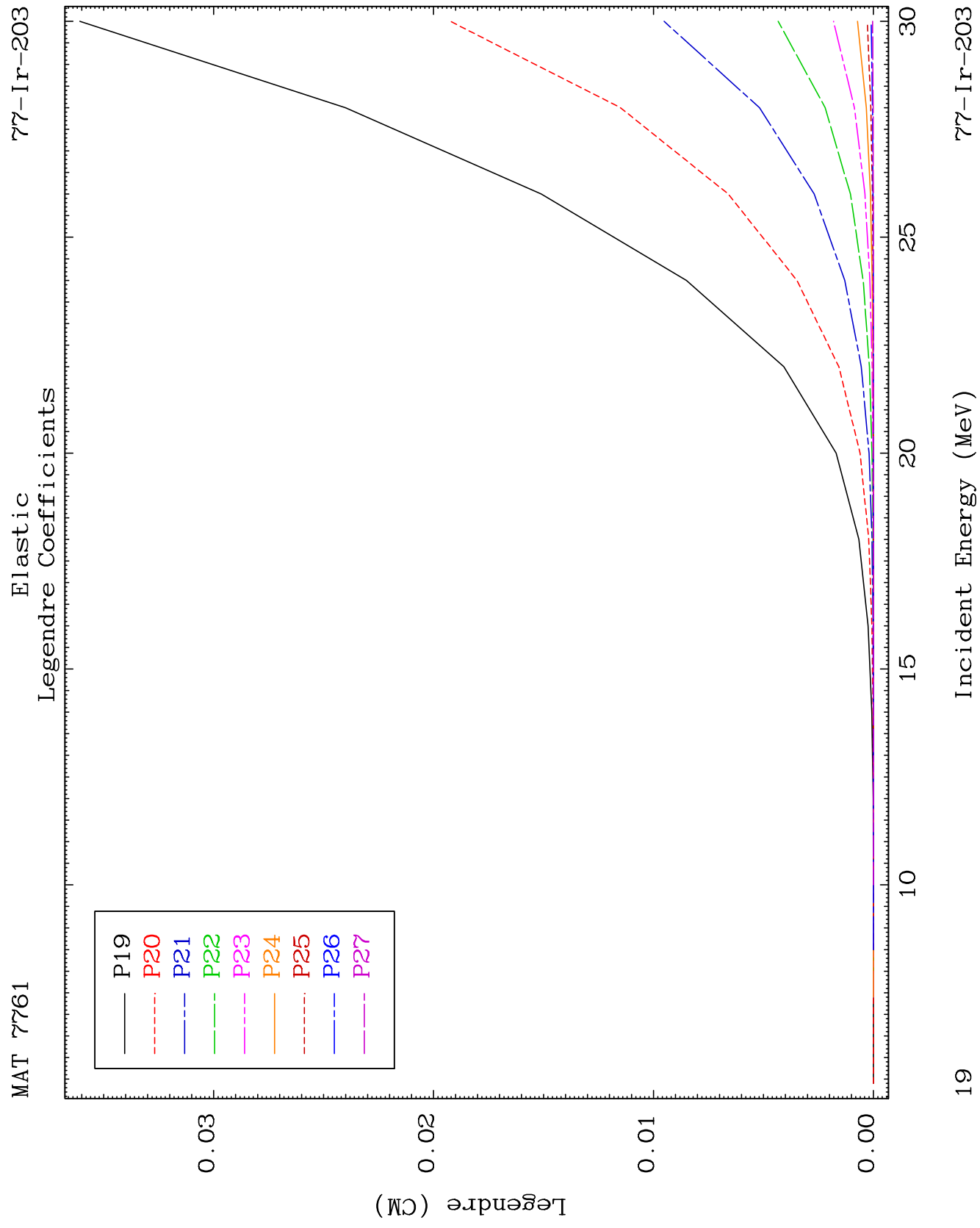
P6

24

89

69

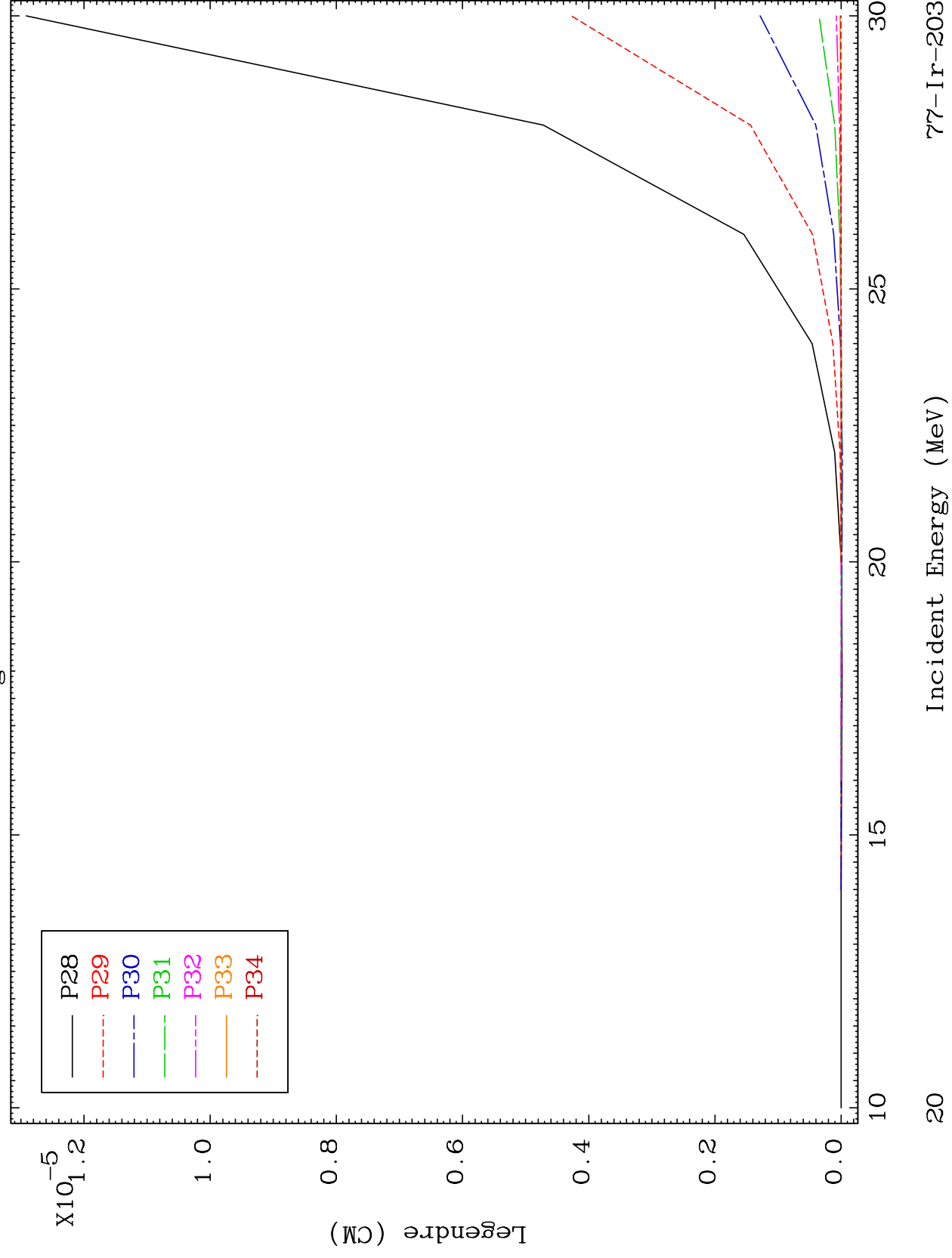


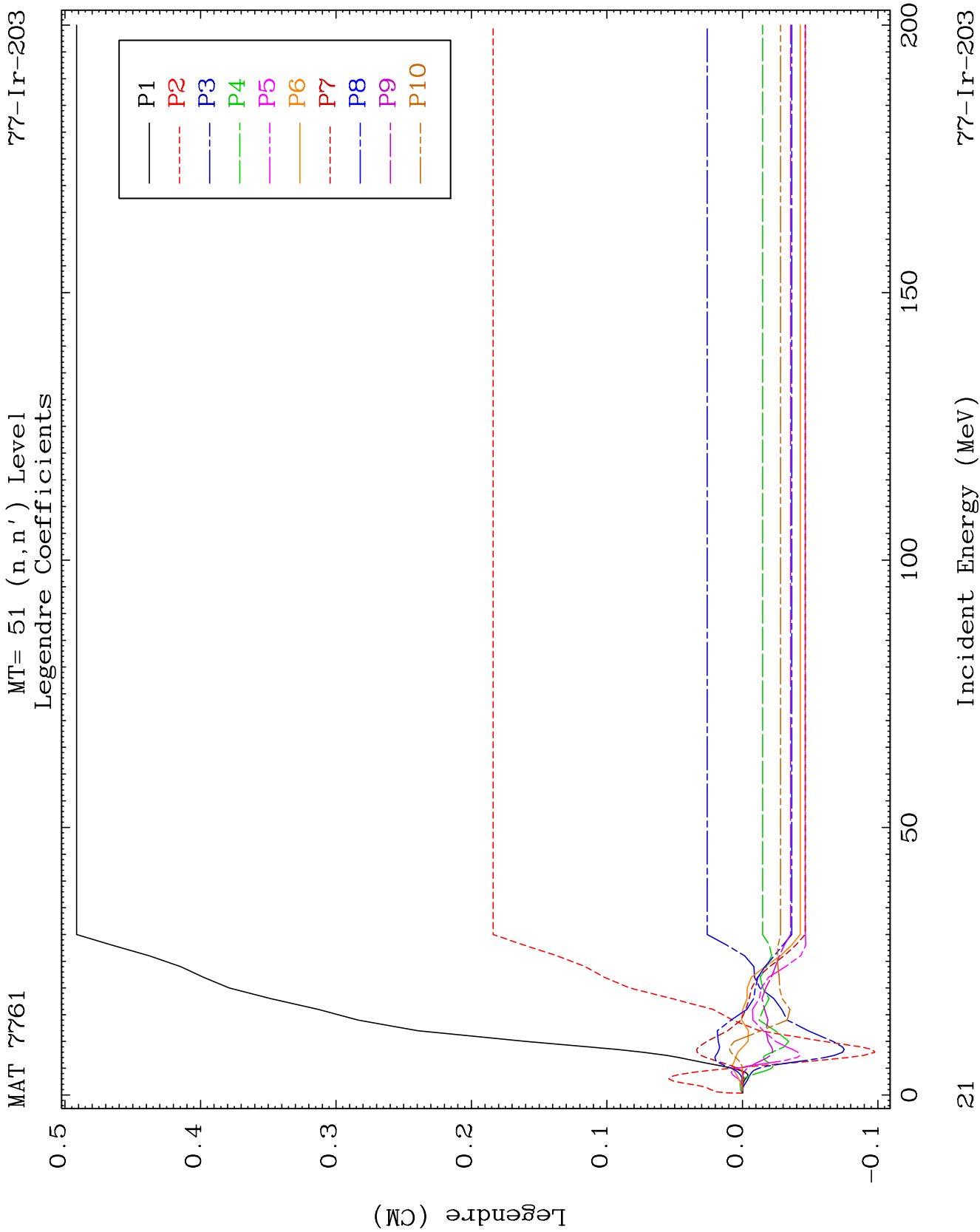


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Elastic Legendre Coefficients

77-Ir-203

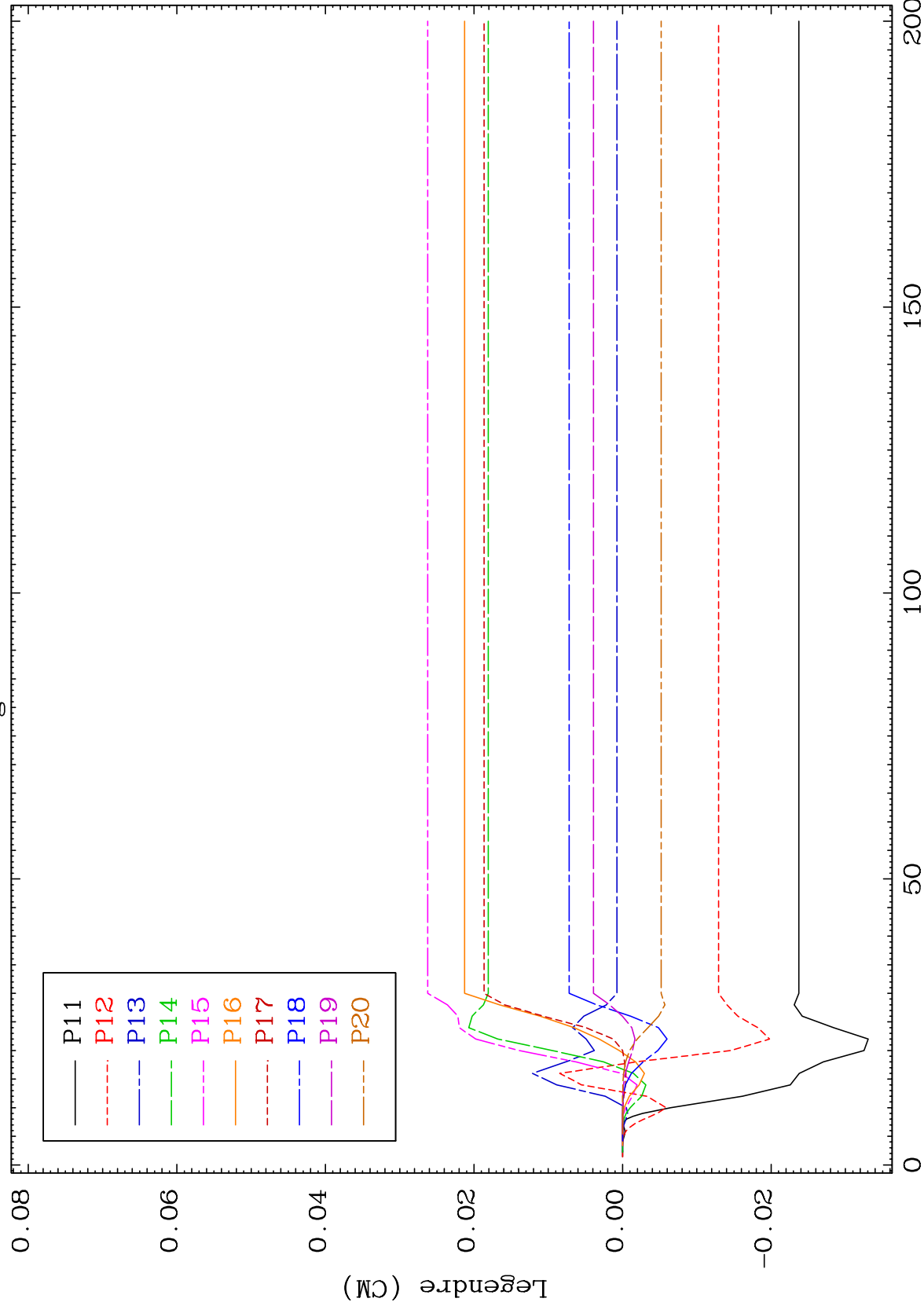




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MT= 51 (n, n') Level
Legendre Coefficients

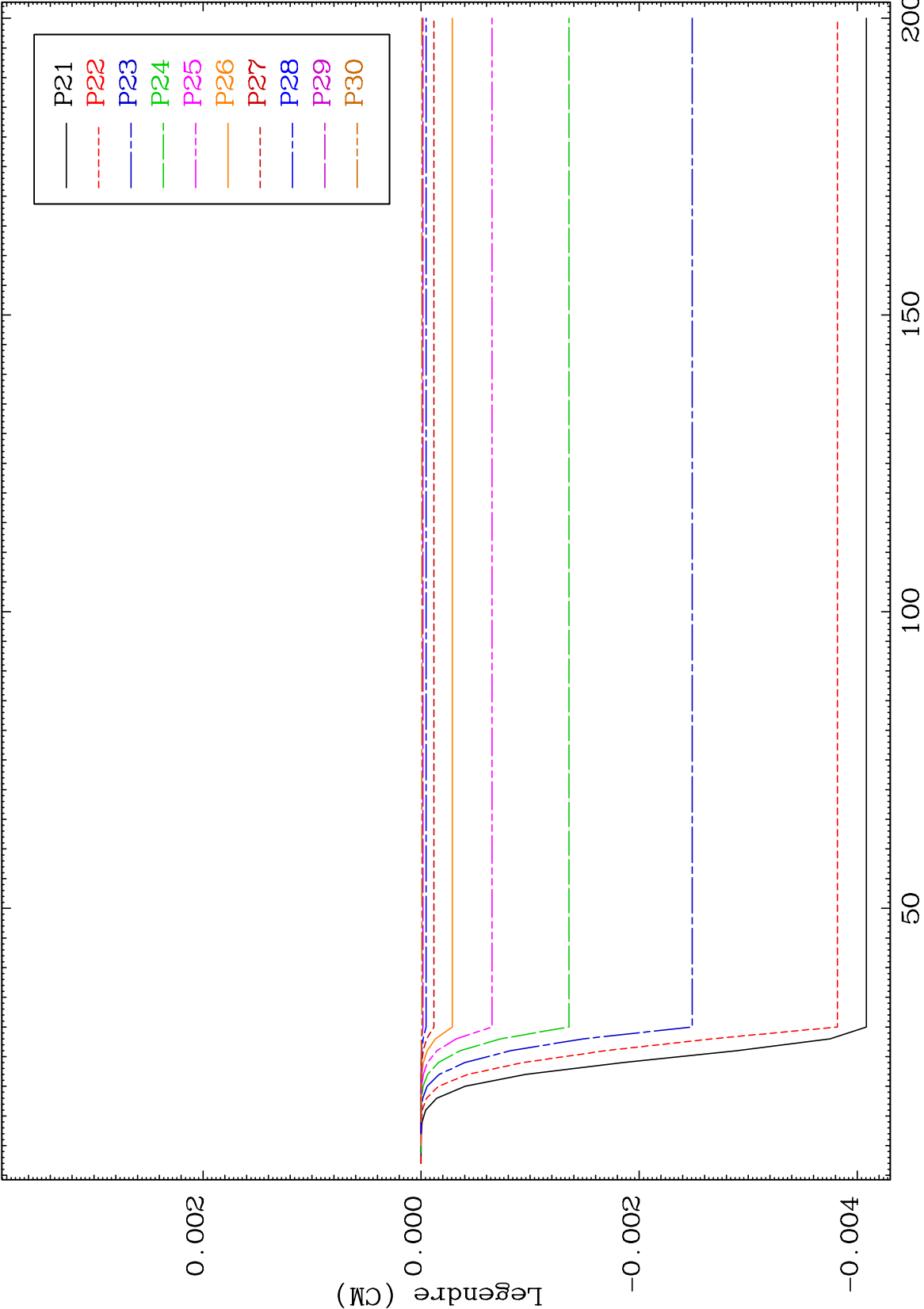
77-Ir-203

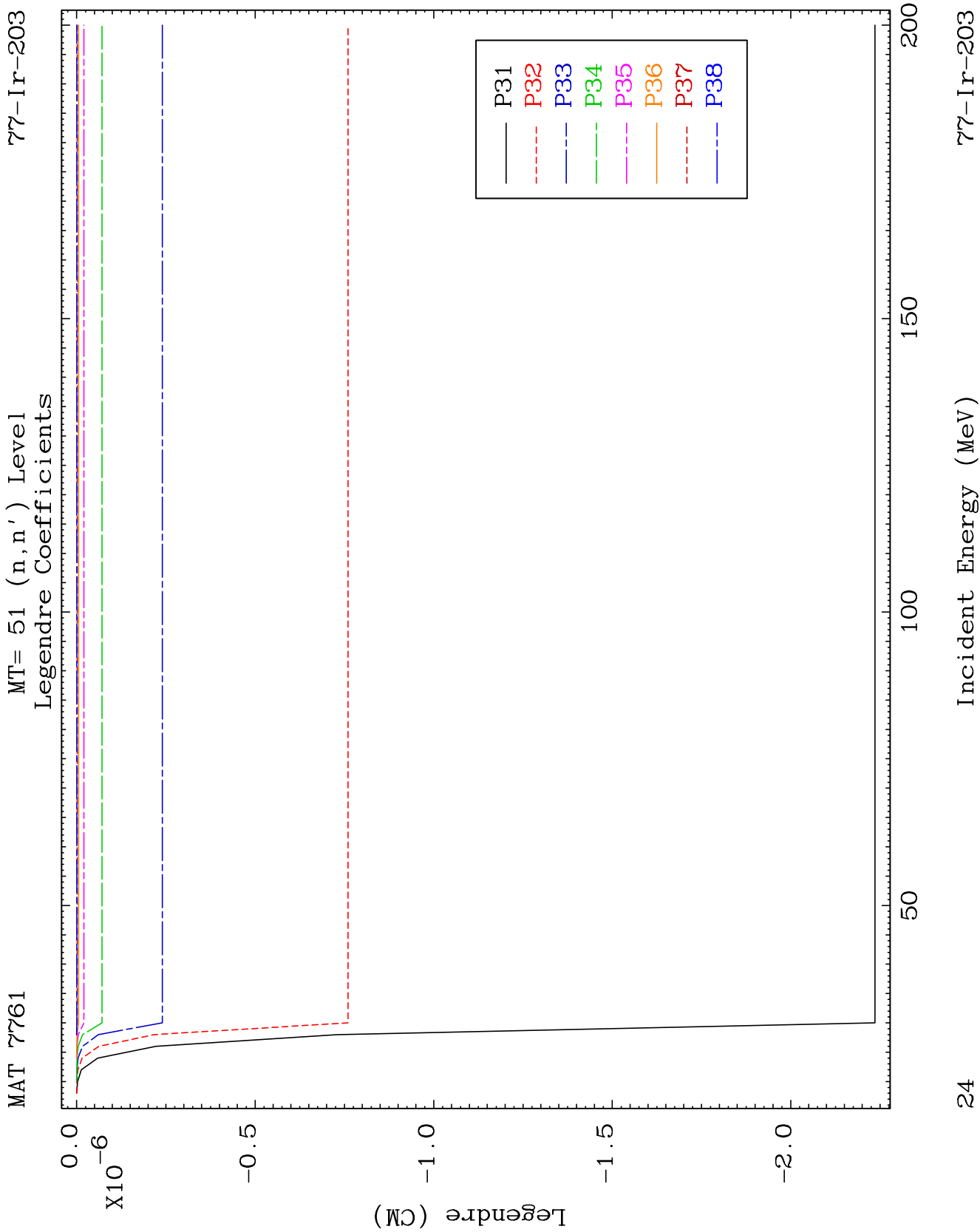


22

Incident Energy (MeV)

77-Ir-203

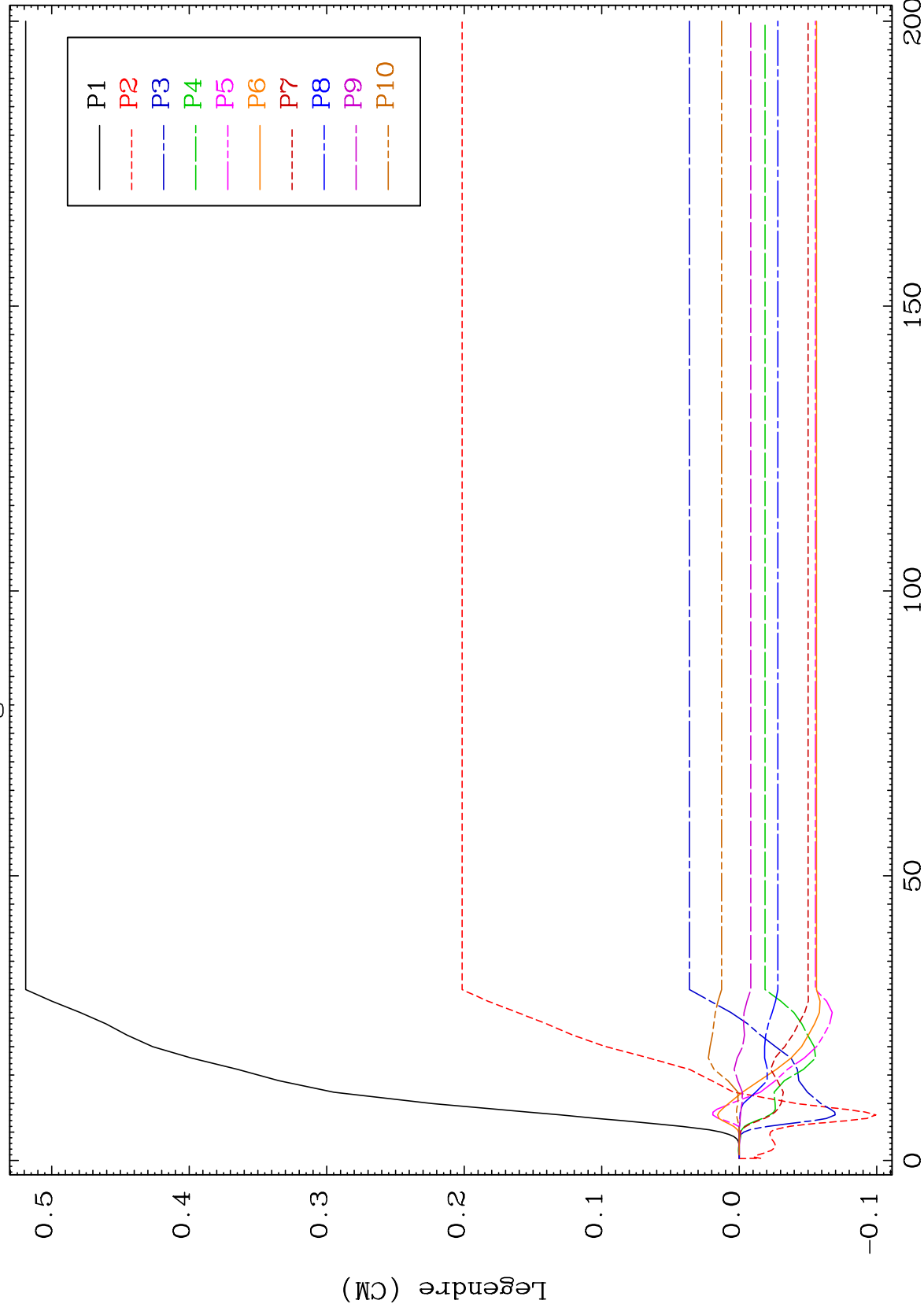




MAT 7761

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

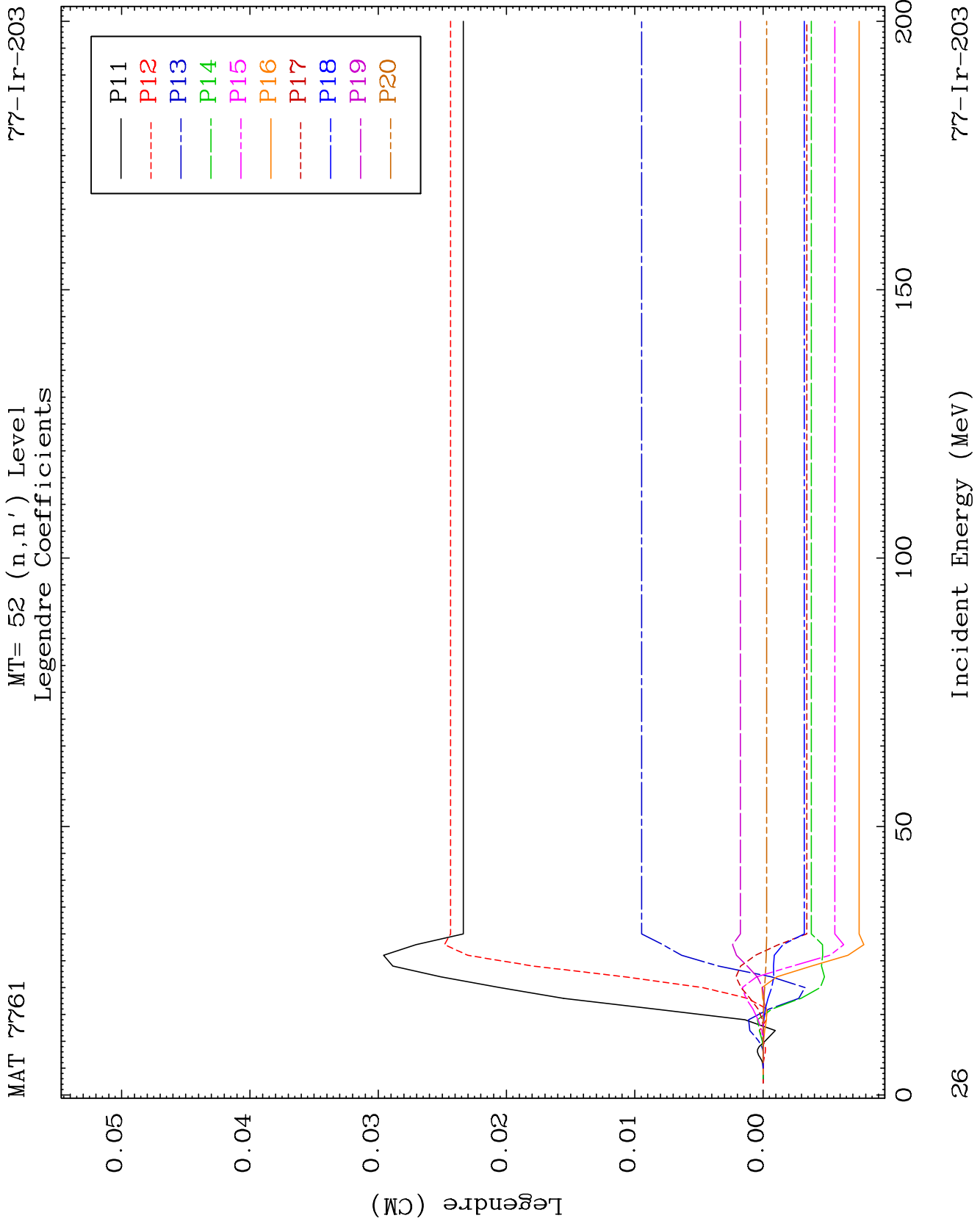
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25

Incident Energy (MeV)

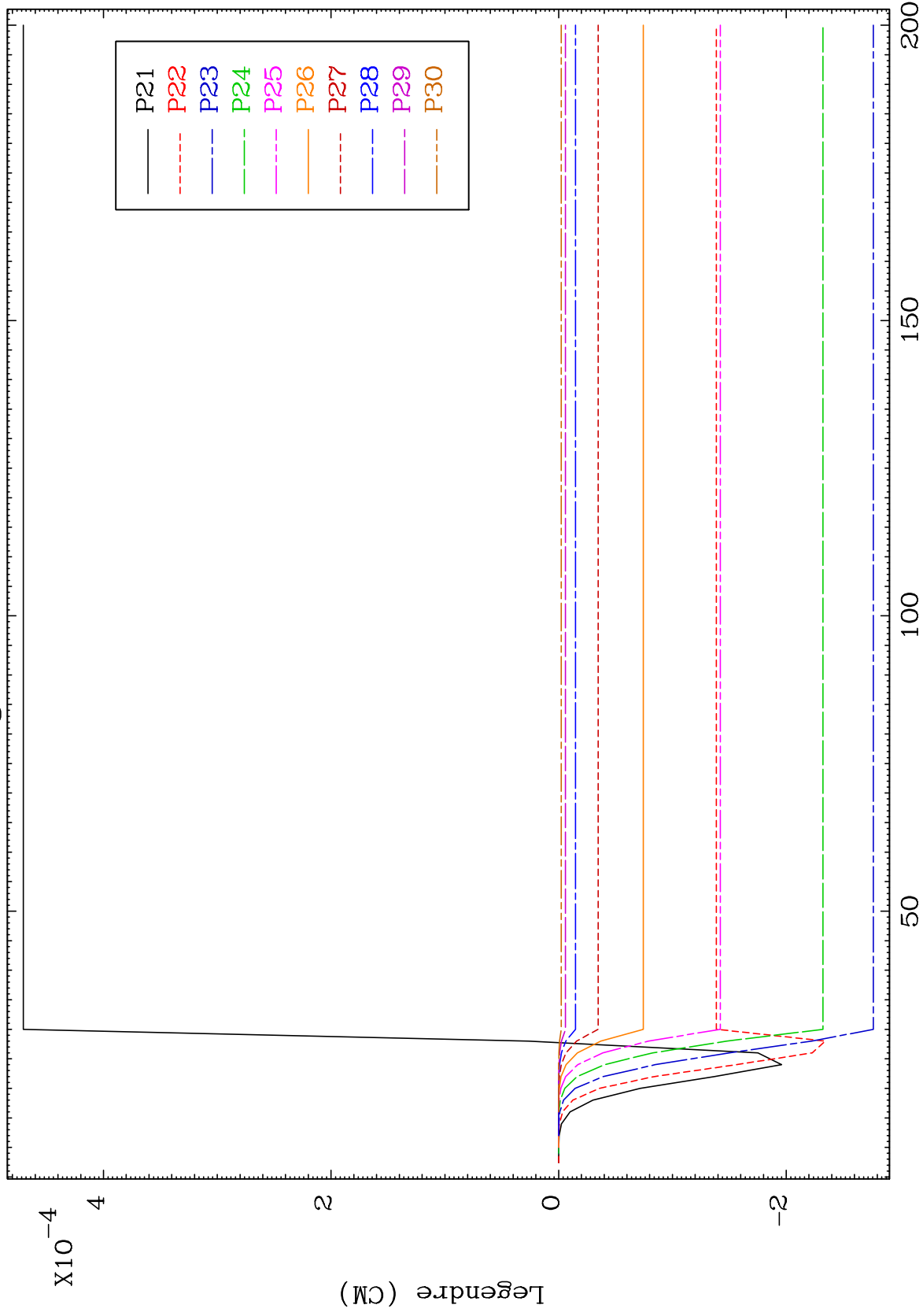
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MAT 7761

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

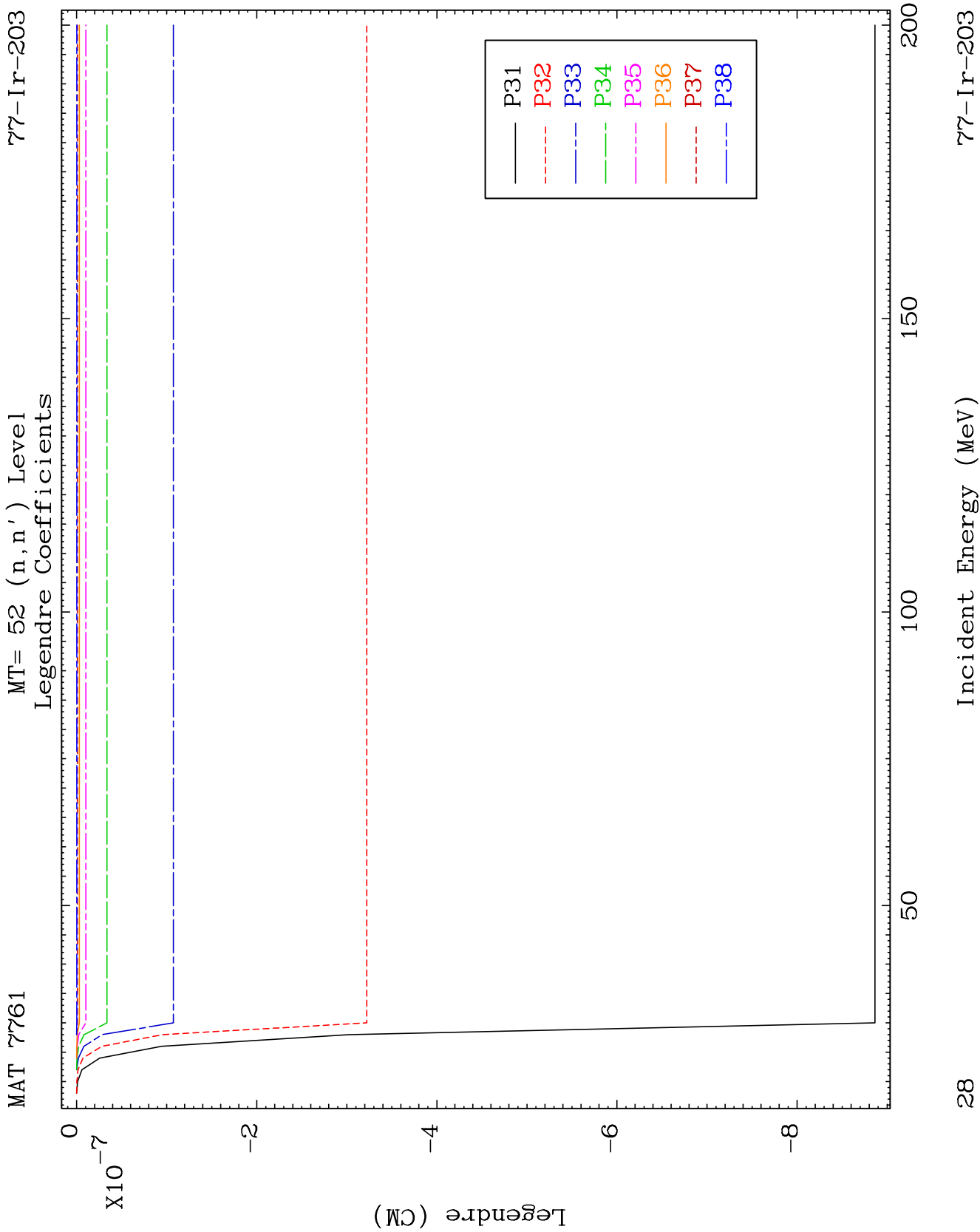
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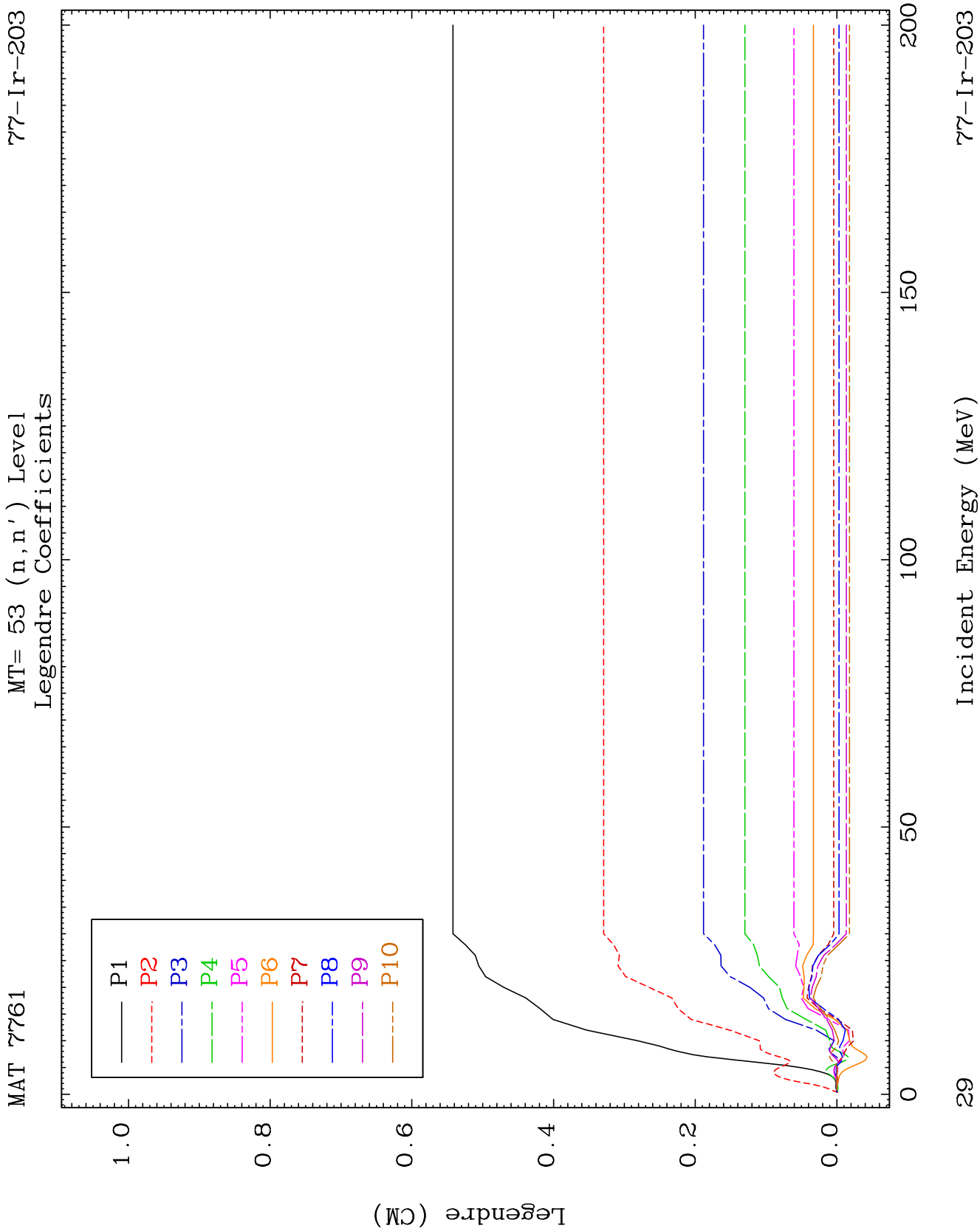


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Incident Energy (MeV)

77-Ir-203

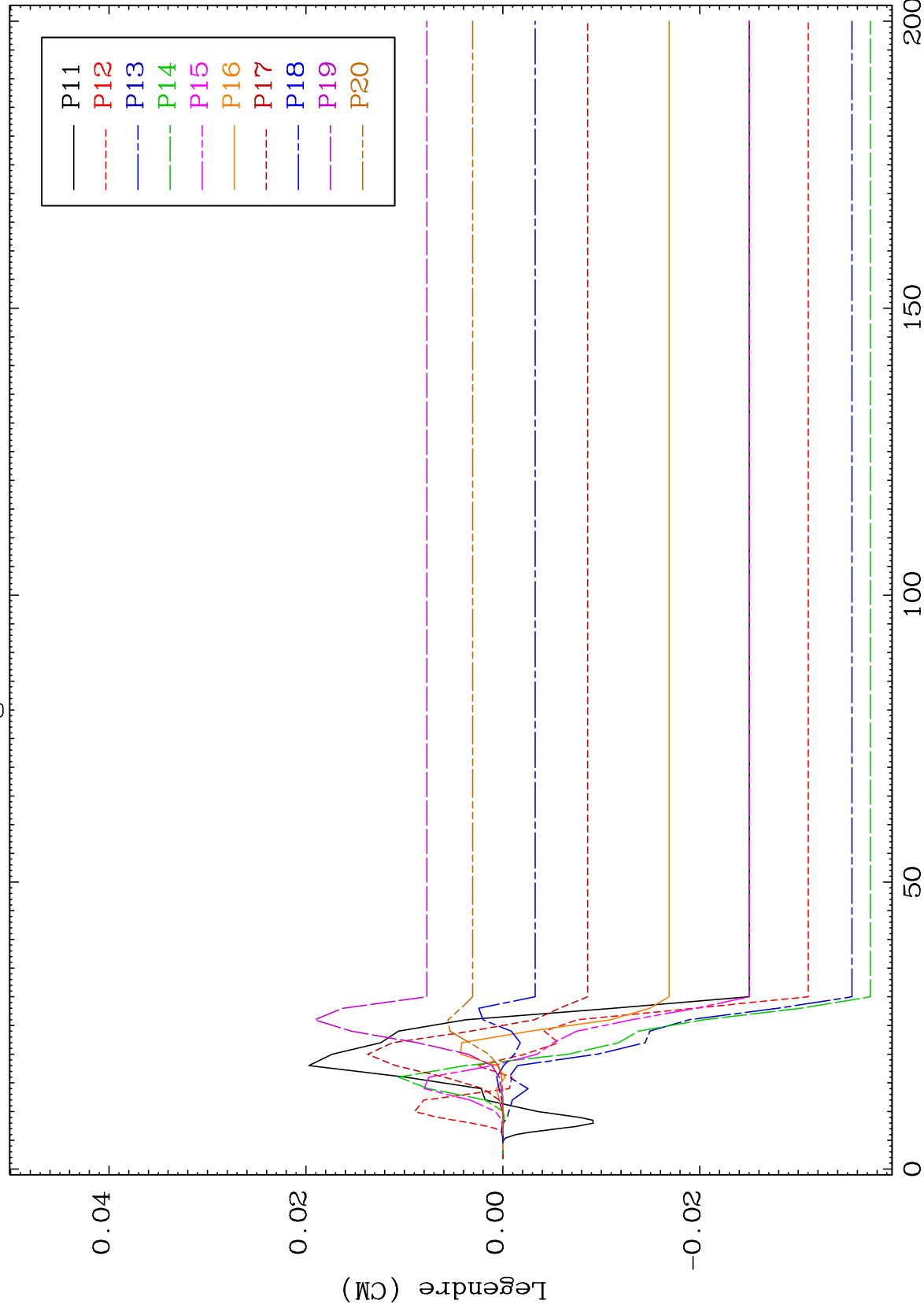




MAT 7761

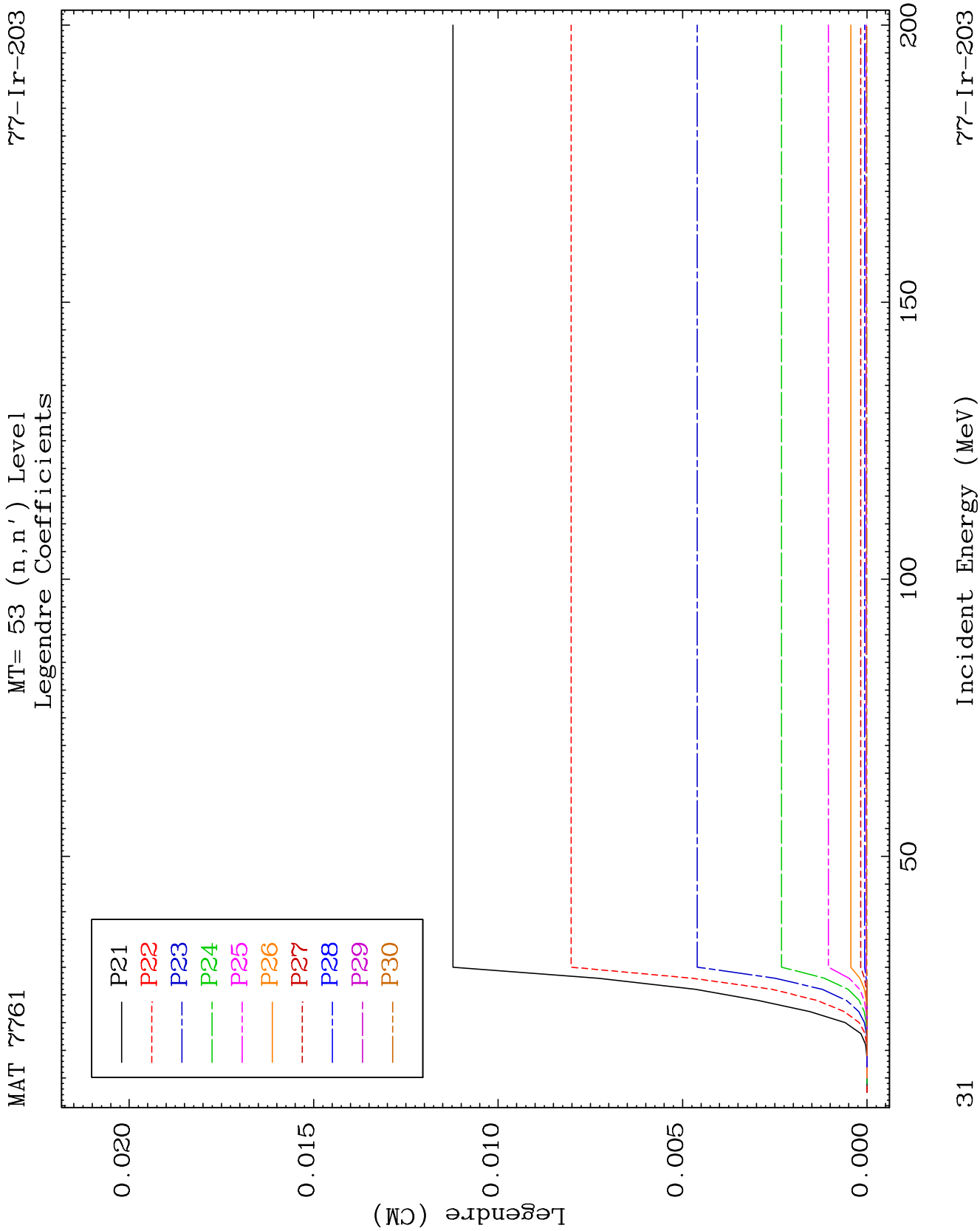
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Legendre Coefficients

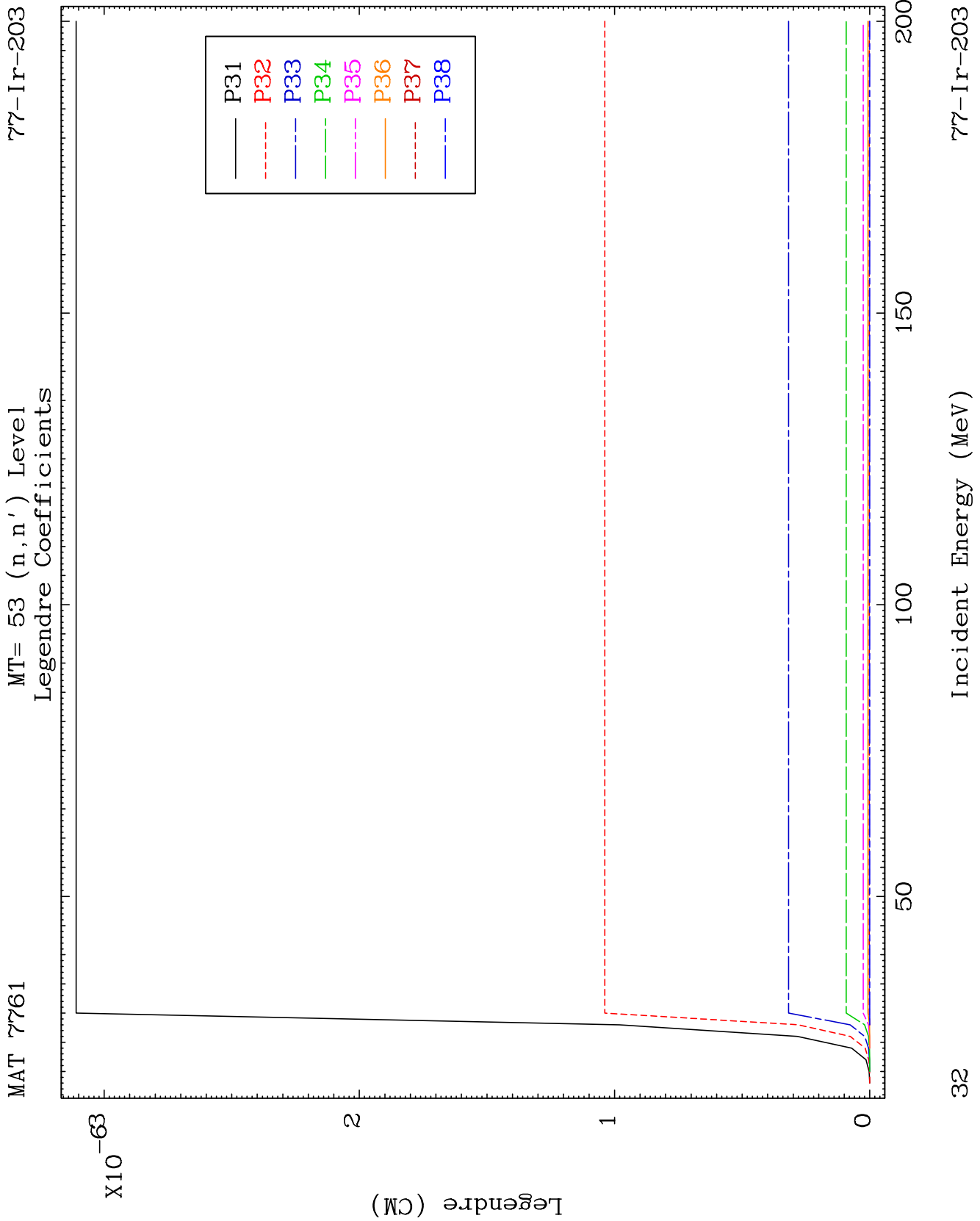
77-1r-203

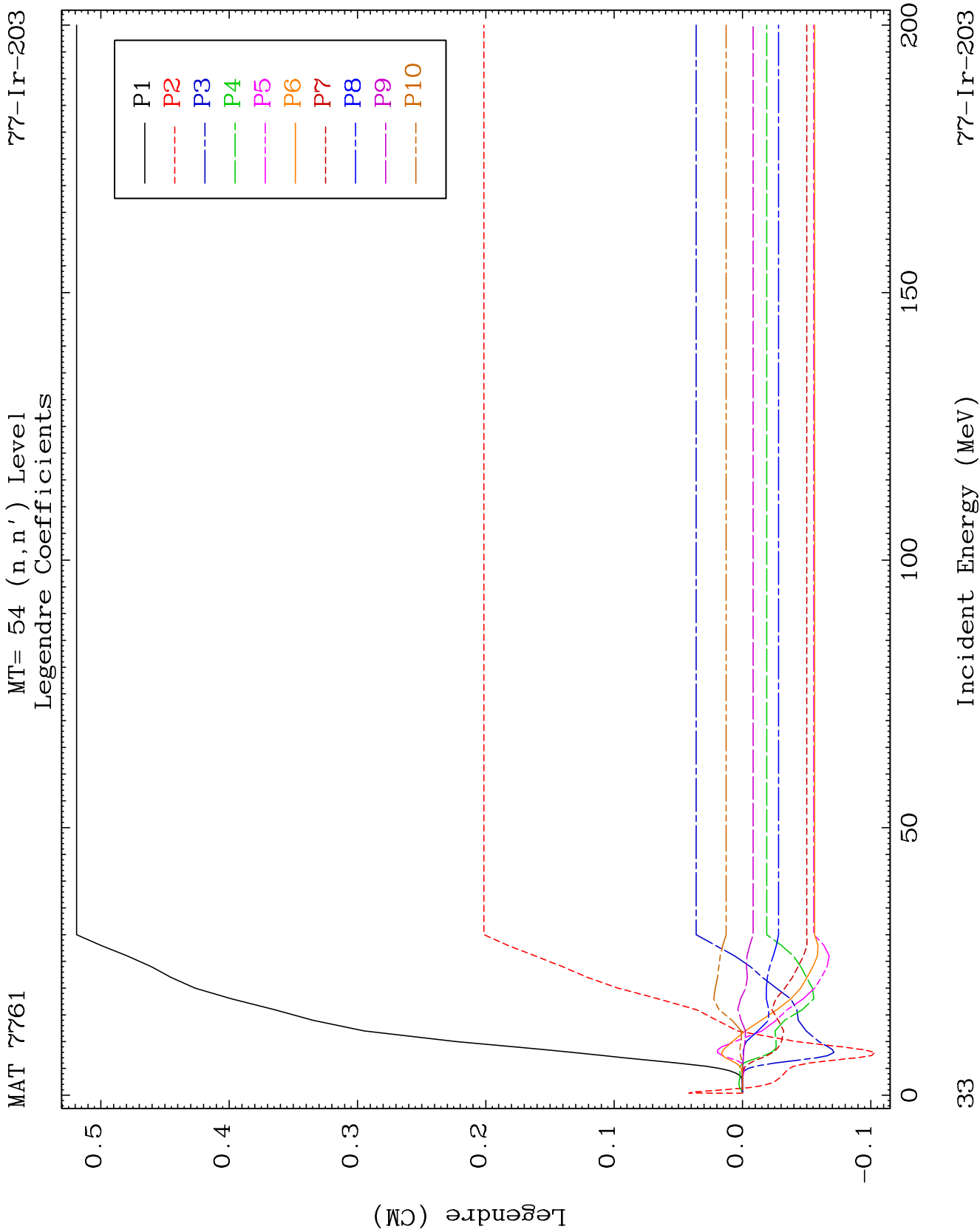


77-1r-203

Incident Energy (MeV)



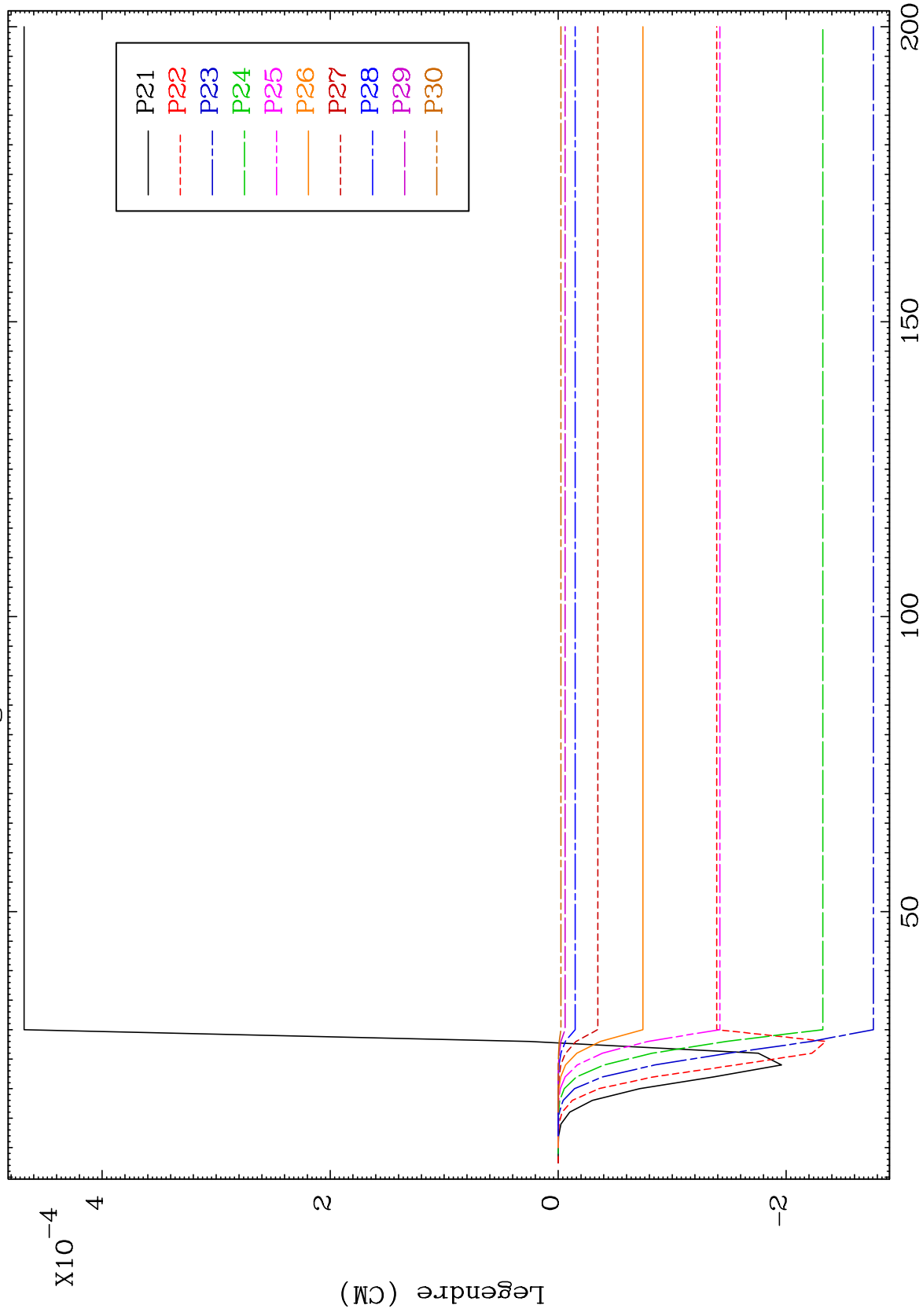




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MT= 54 (n,n') Level
Legendre Coefficients

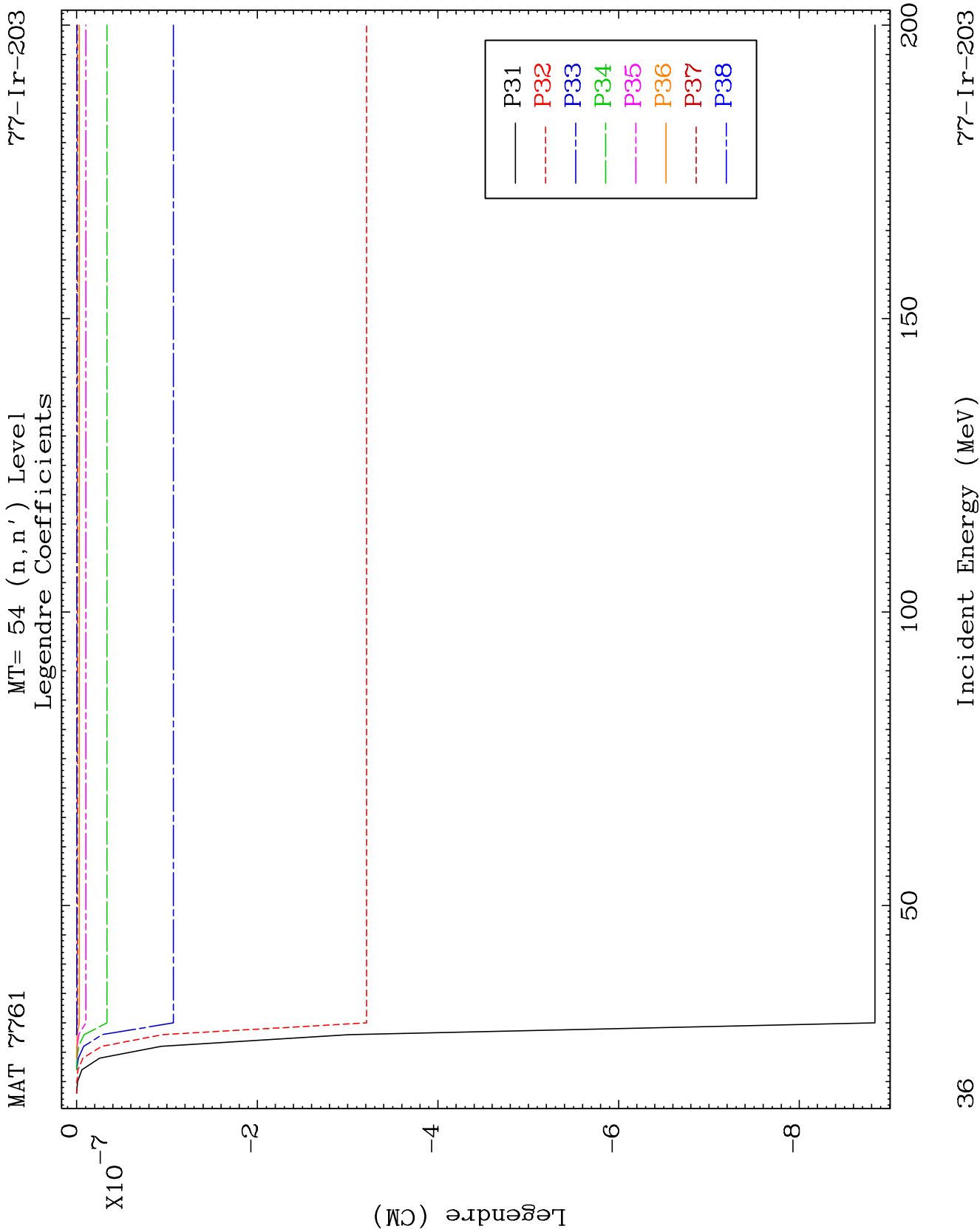
77-Ir-203



35

Incident Energy (MeV)

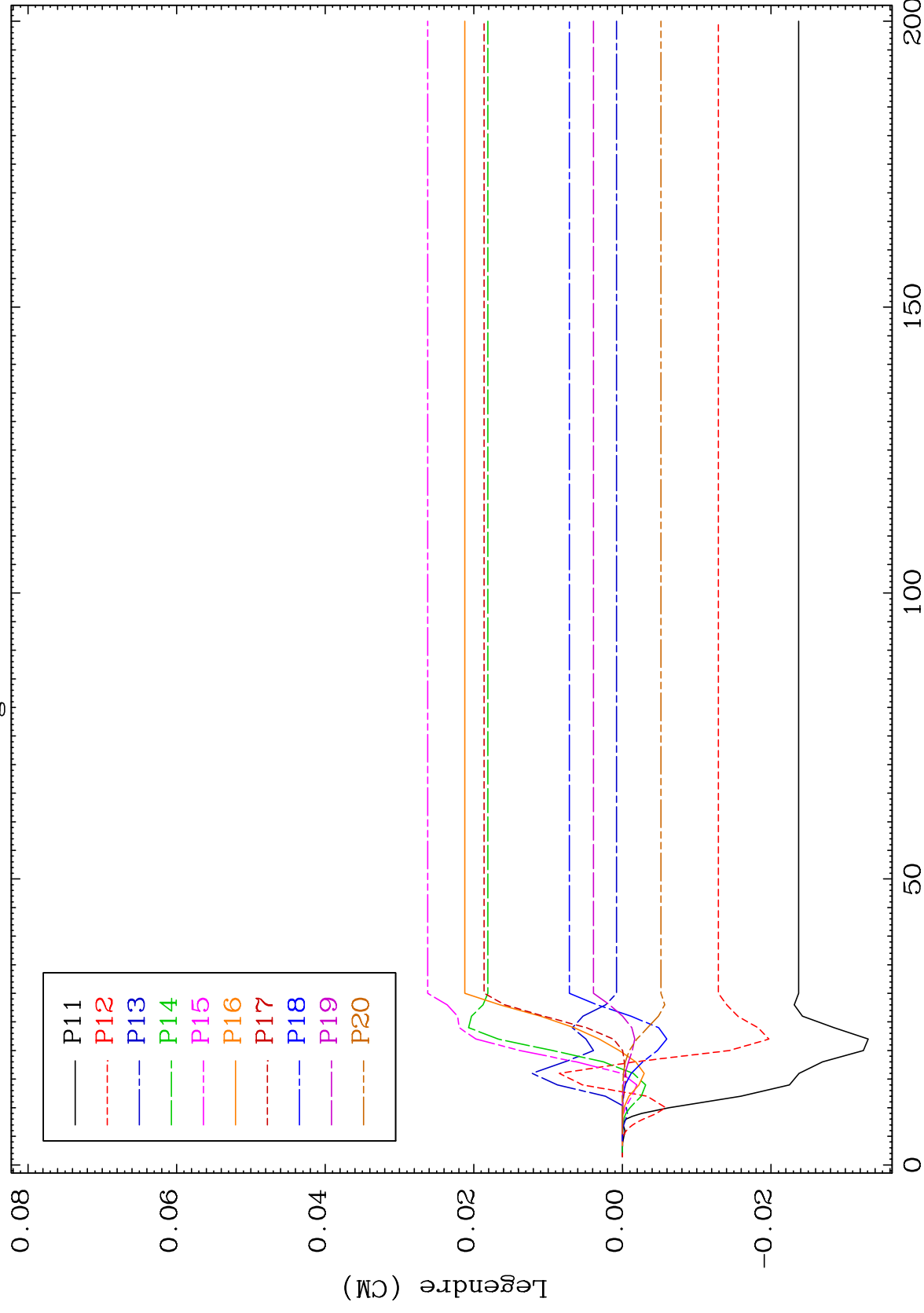
77-Ir-203



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

77-Ir-203



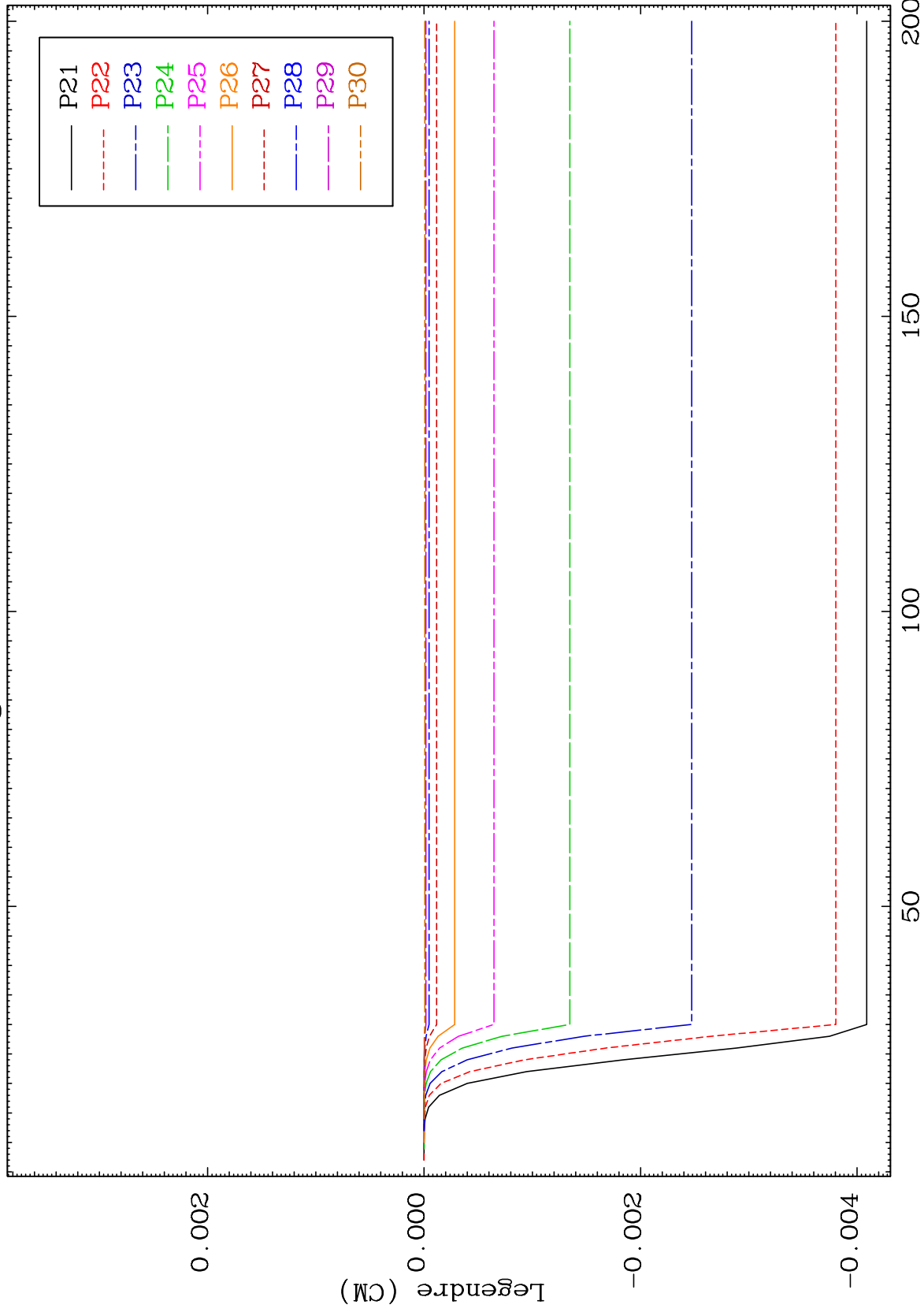
77-Ir-203

Incident Energy (MeV)

MAT 7761

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

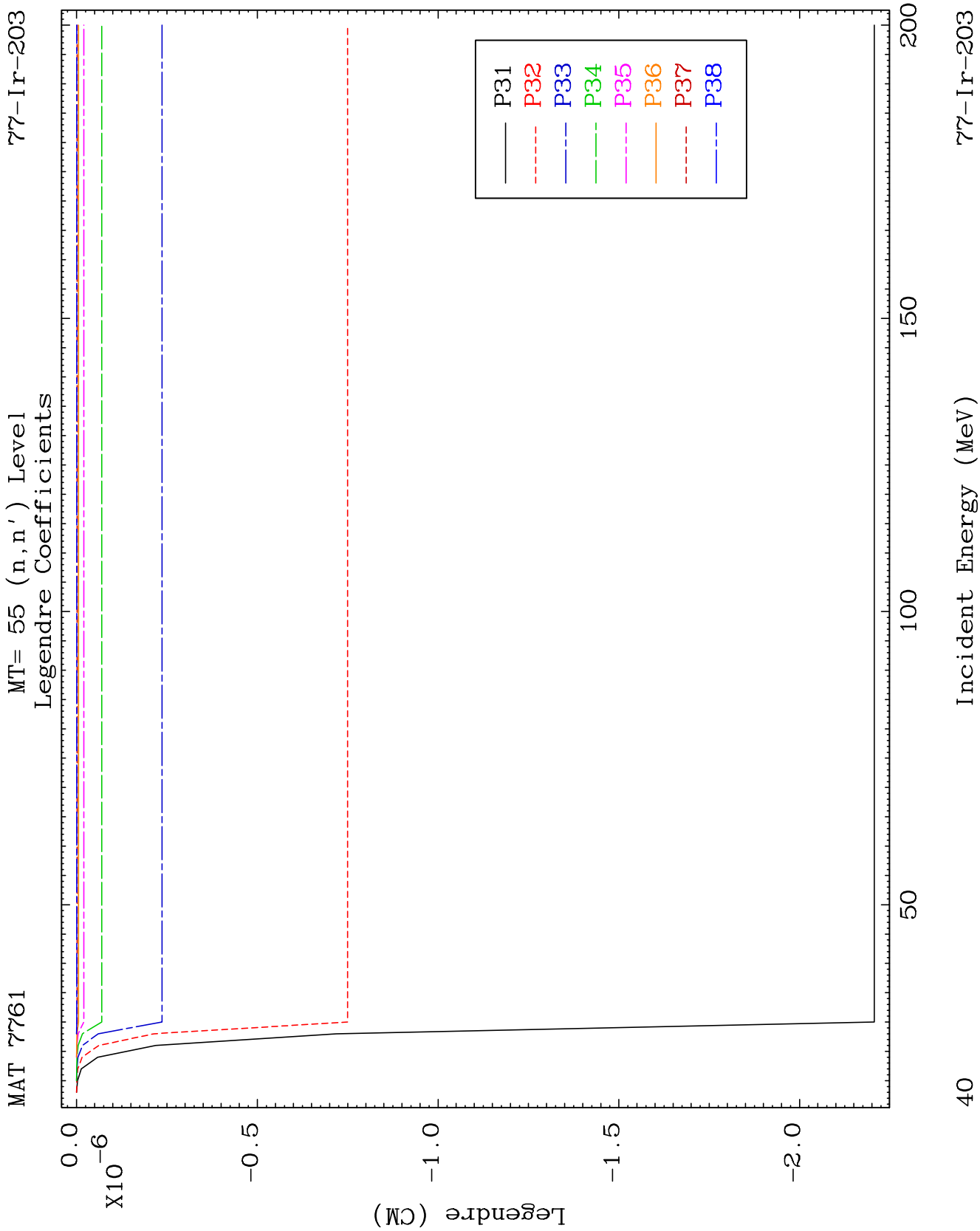
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39

Incident Energy (MeV)

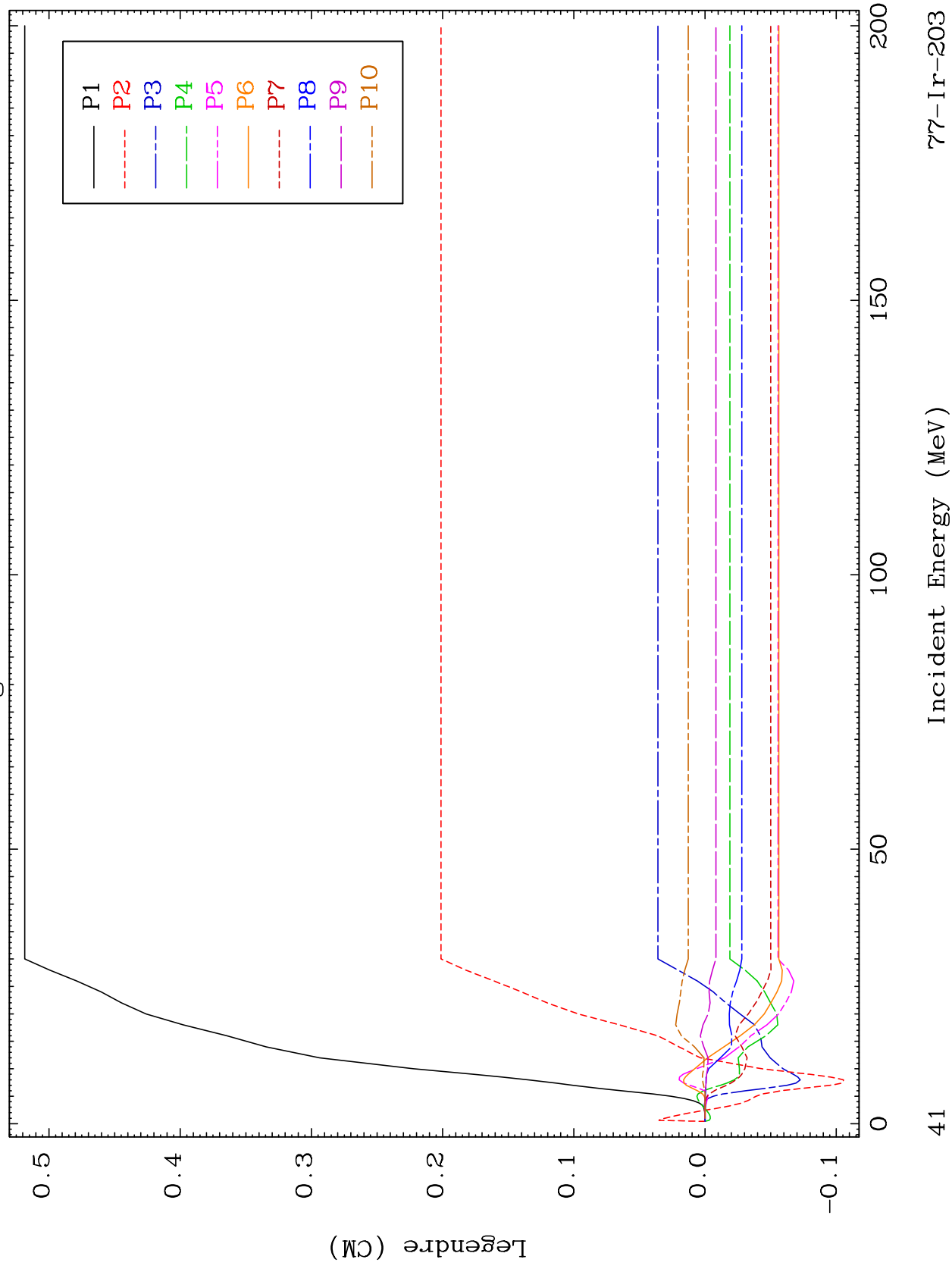
77-Ir-203



MAT 7761

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

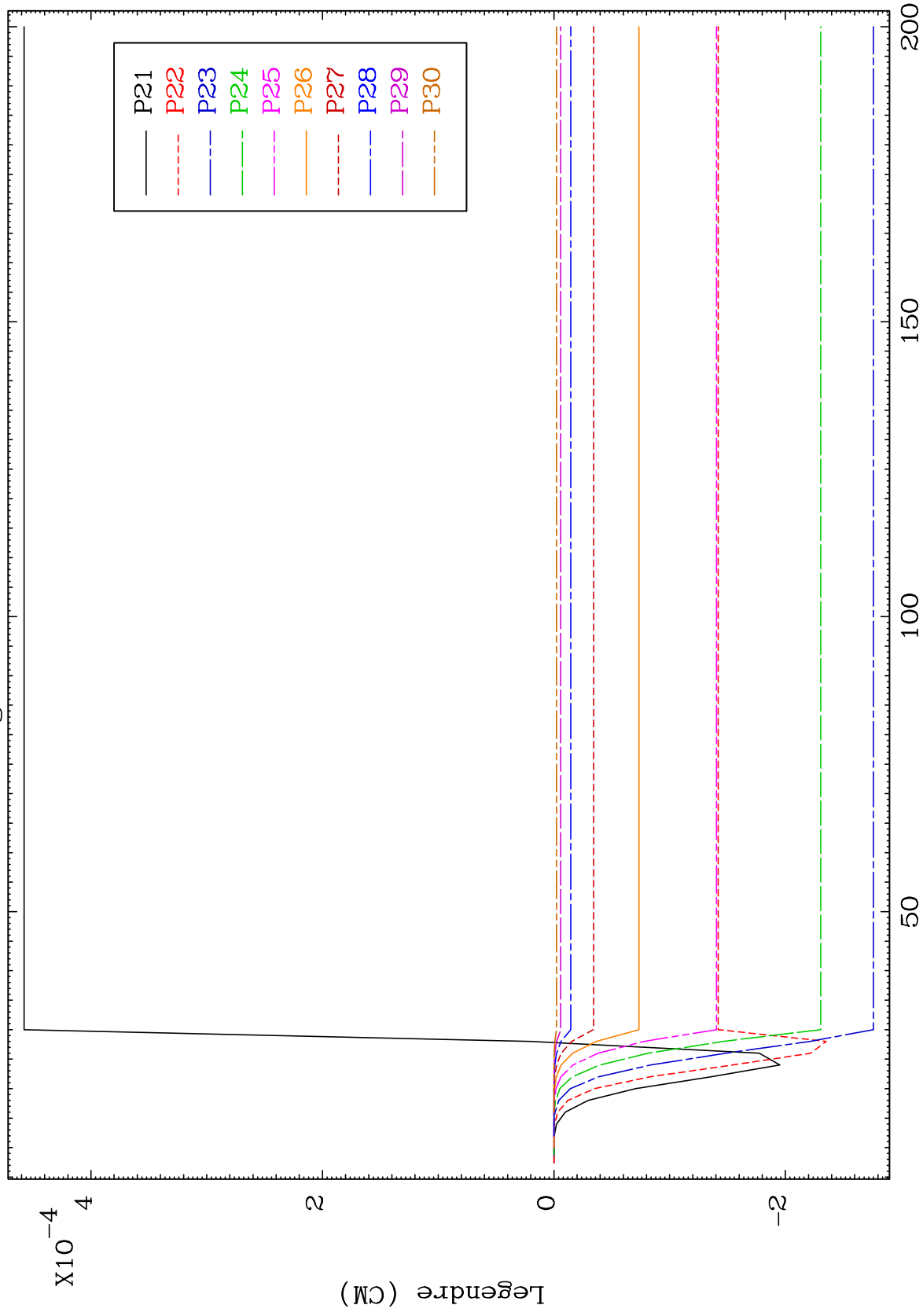
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MAT 7761

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

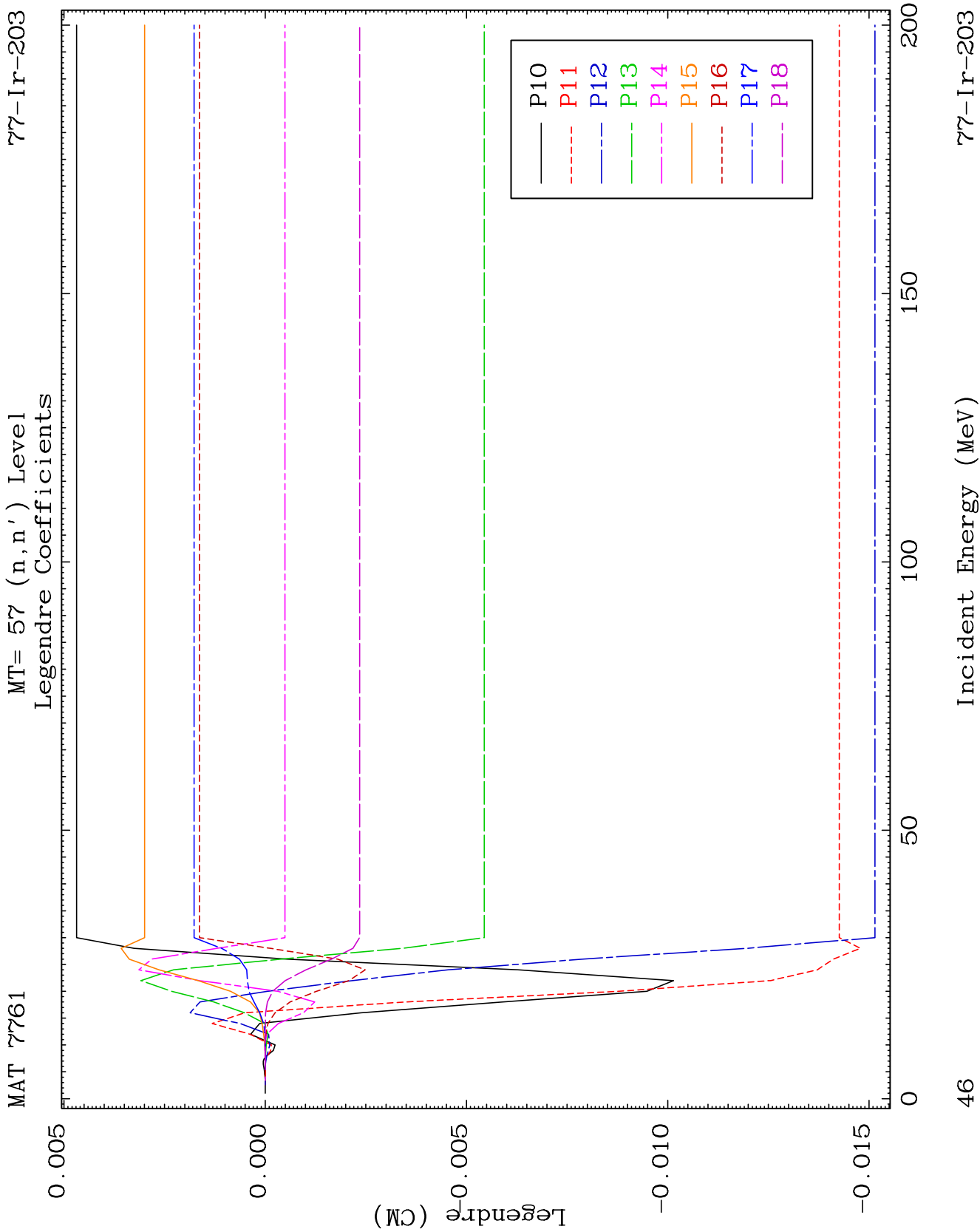
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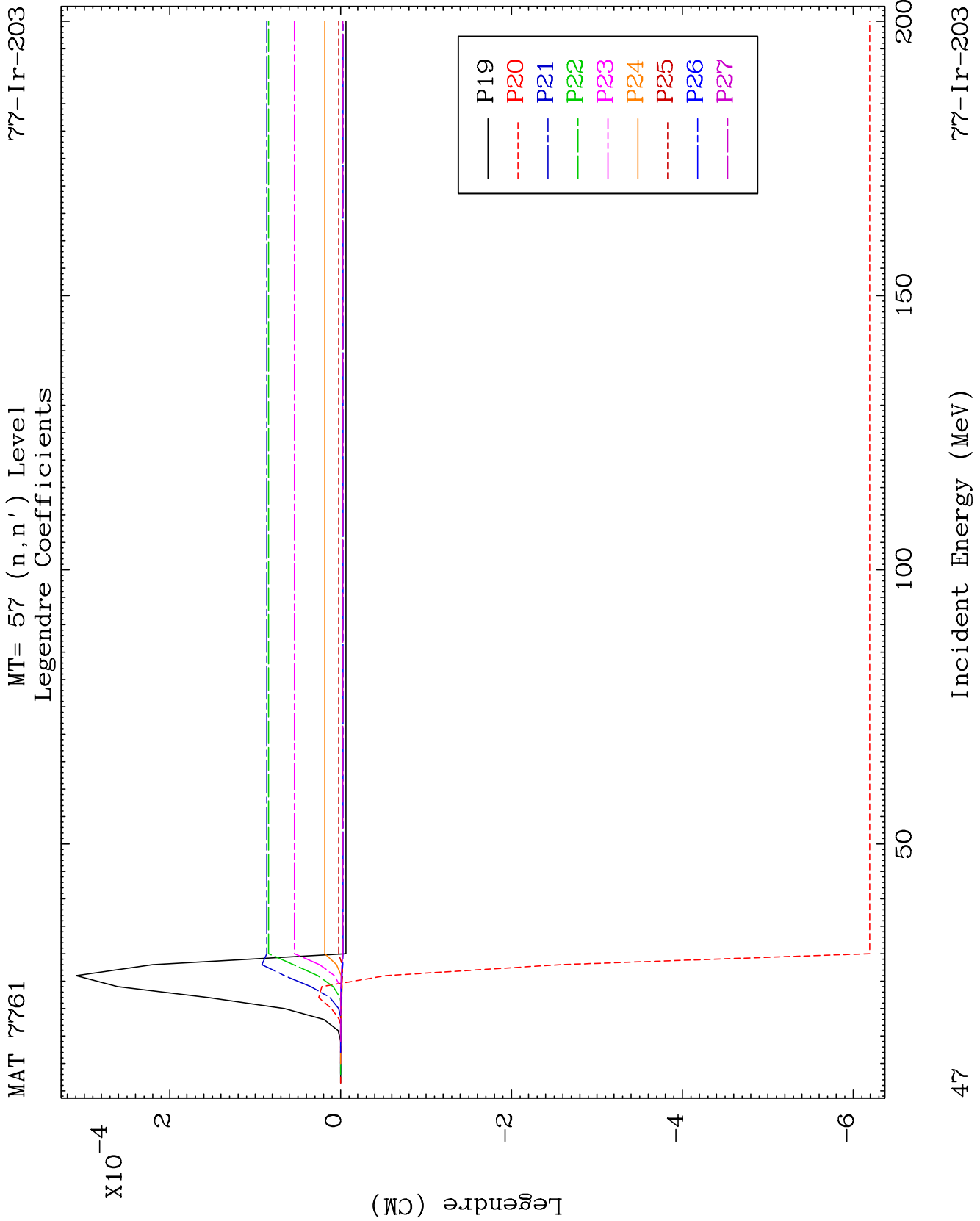


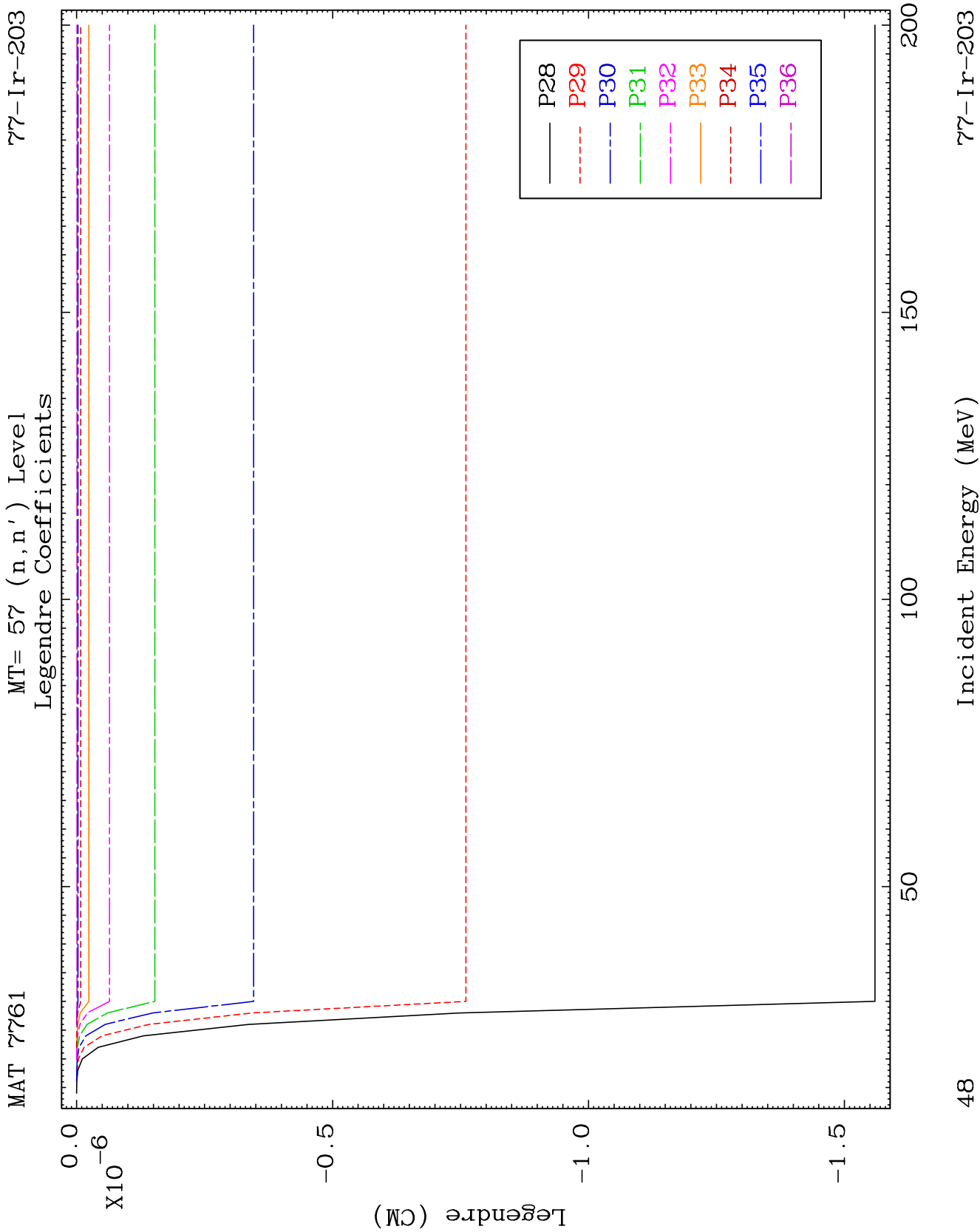
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Incident Energy (MeV)

77-Ir-203



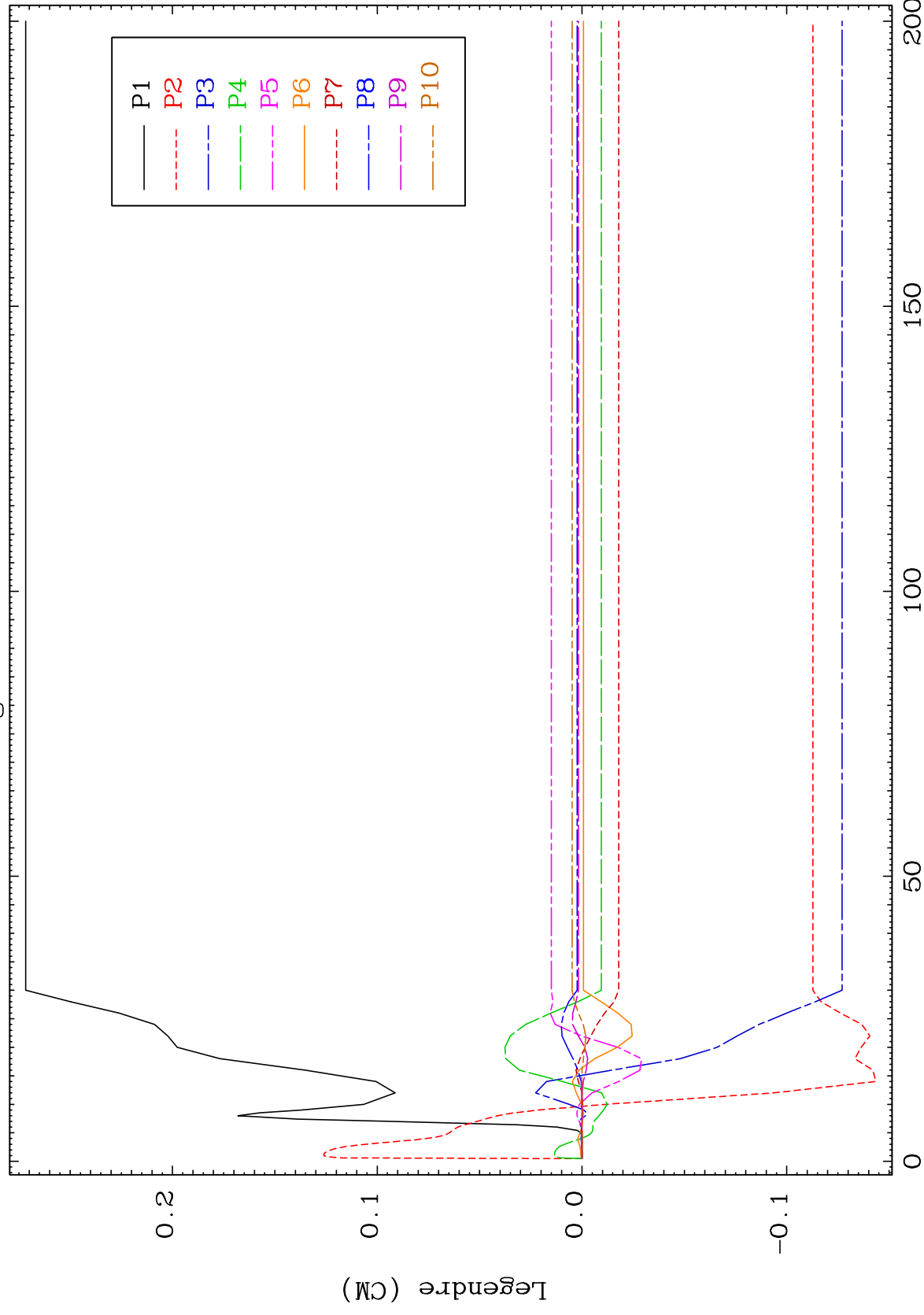




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MT= 58 (n, n') Level
Legendre Coefficients

77-1r-203



49

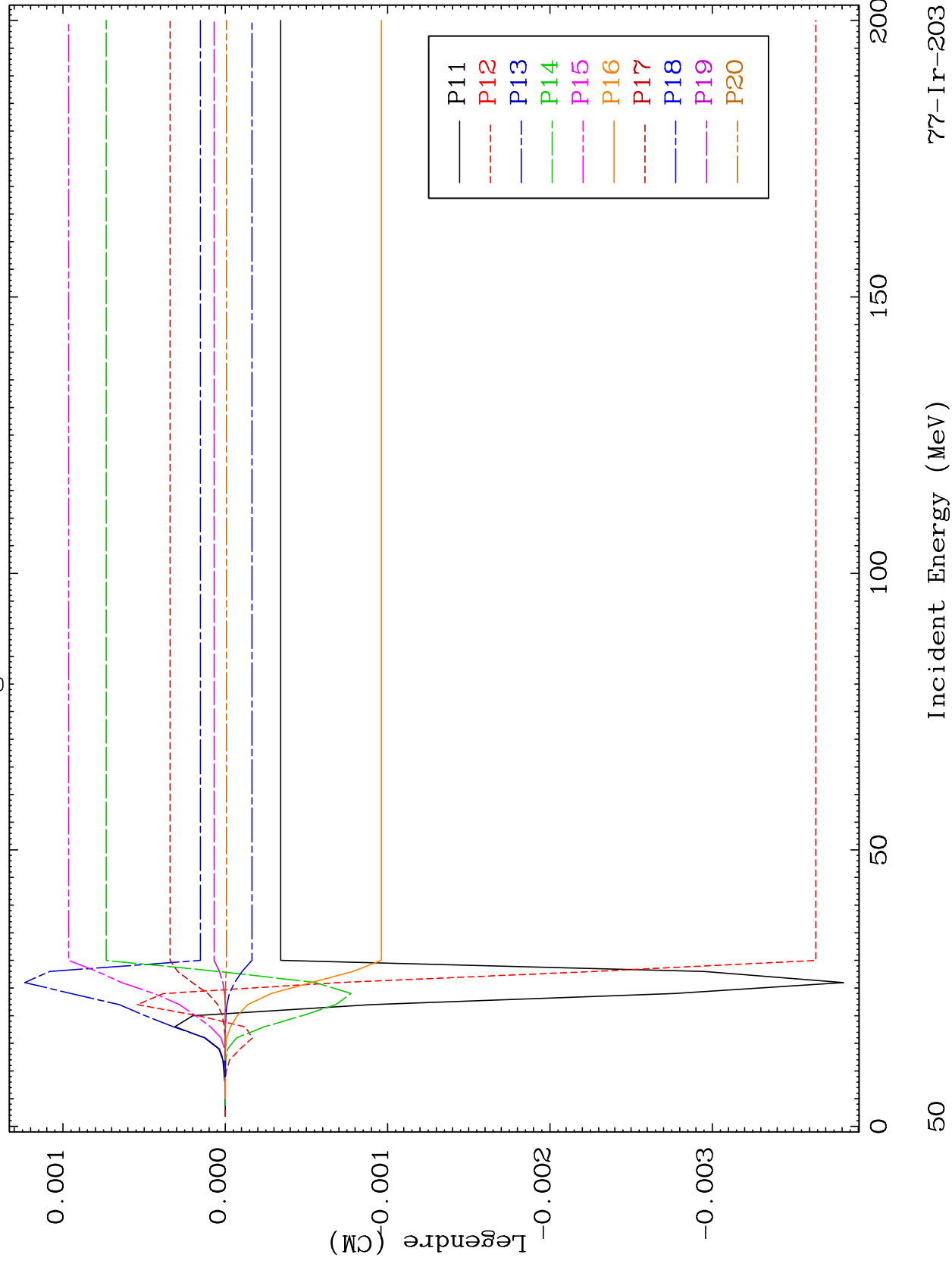
Incident Energy (MeV)

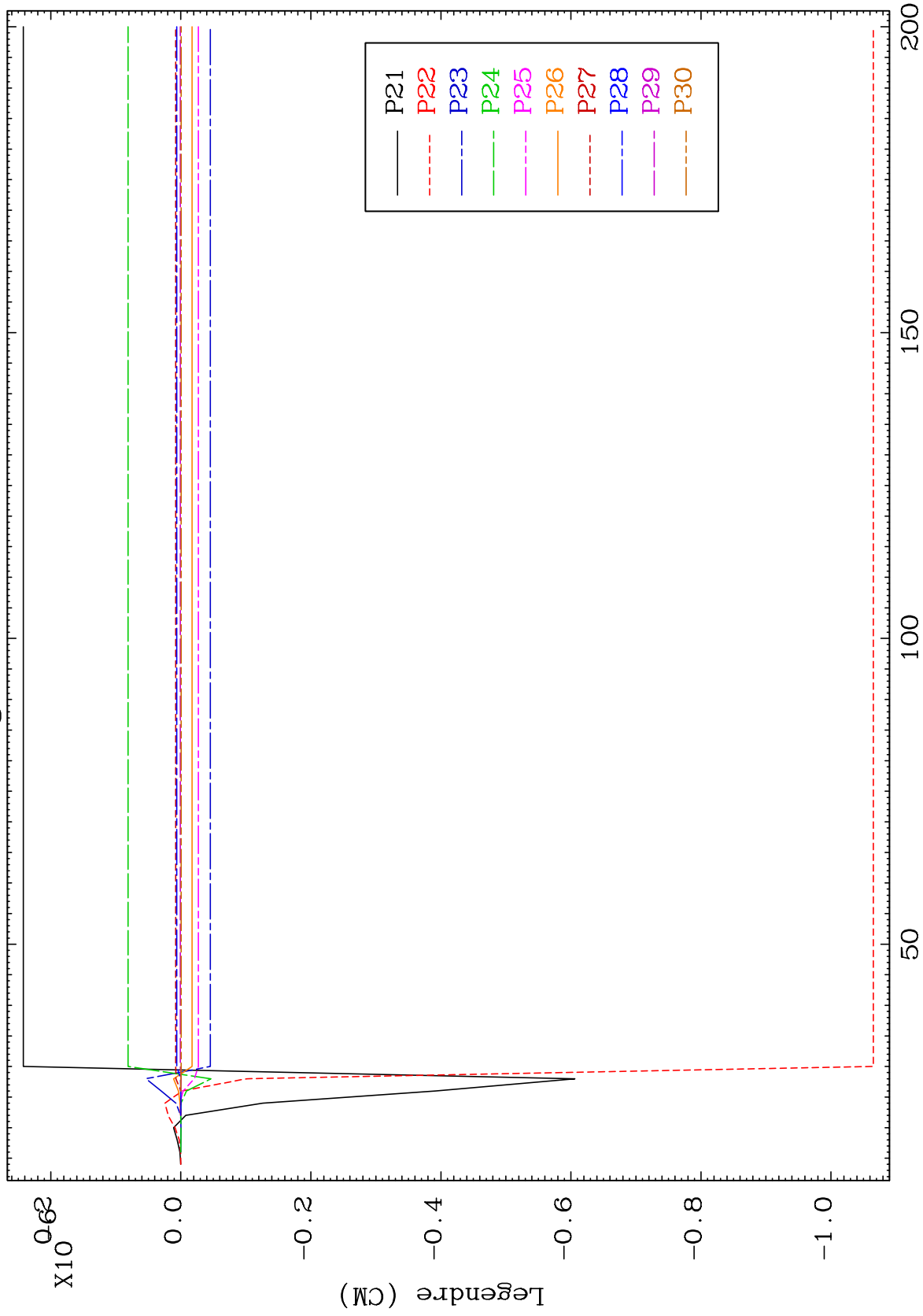
77-Ir-203

MAT 7761

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

77-1r-203

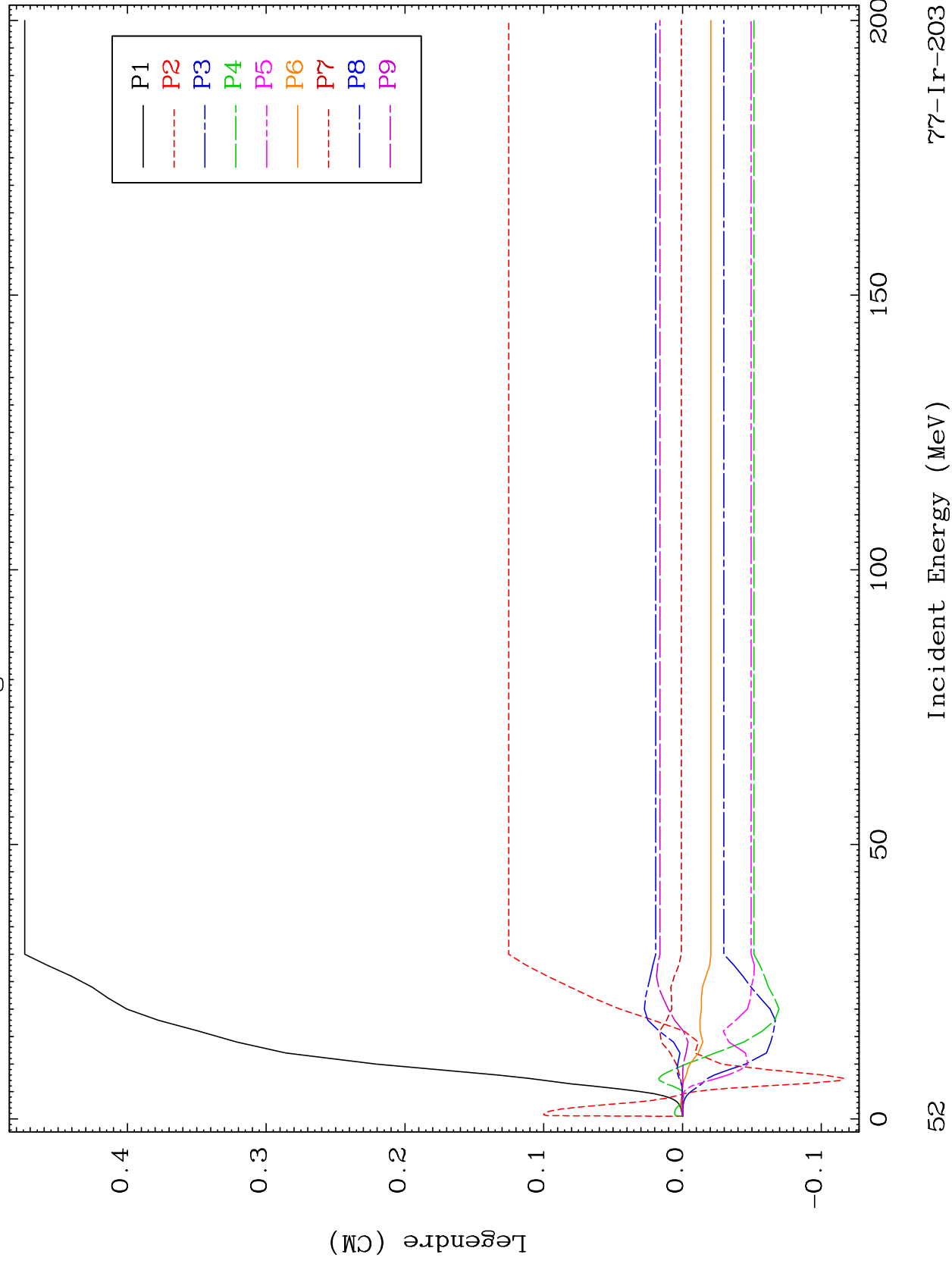


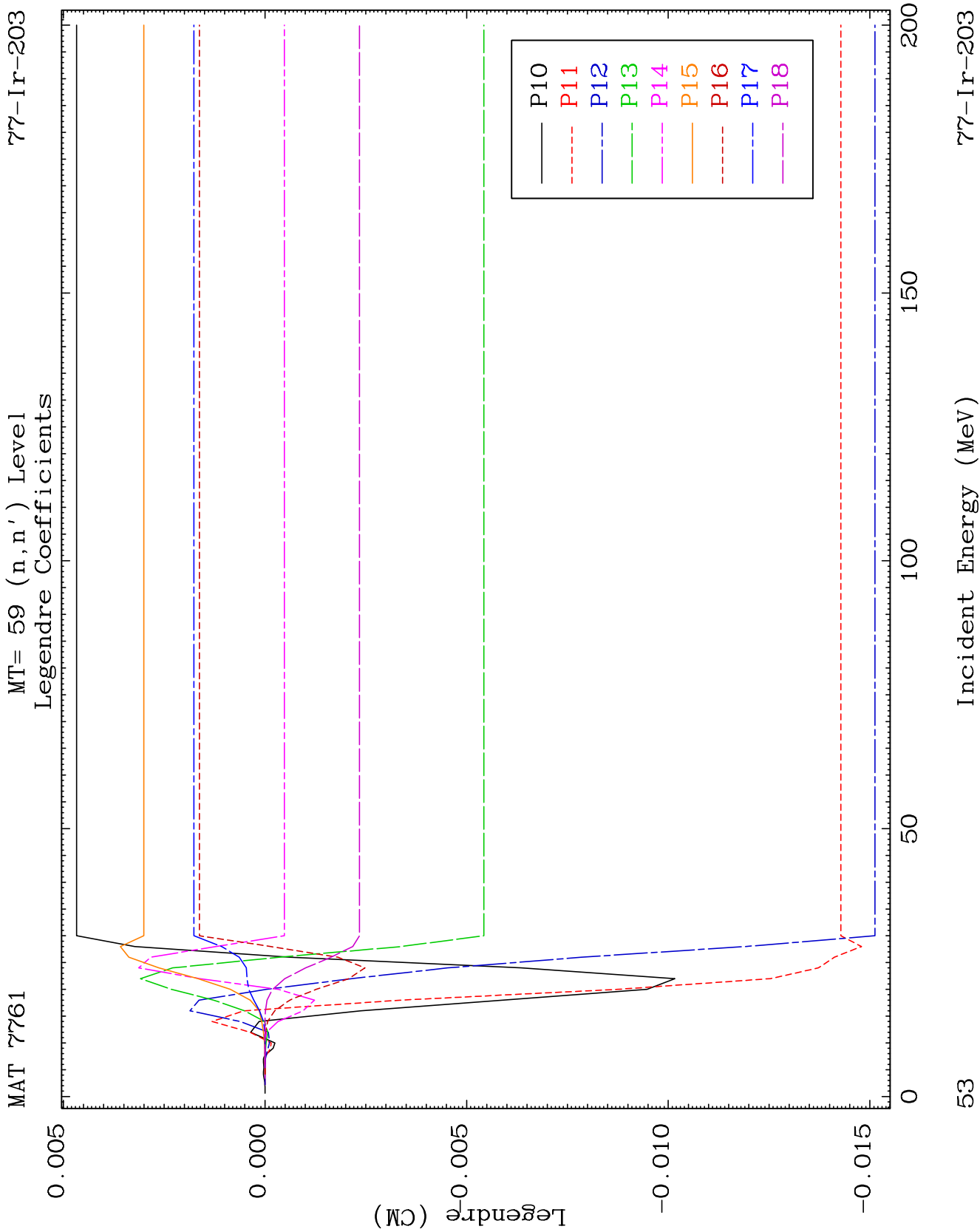


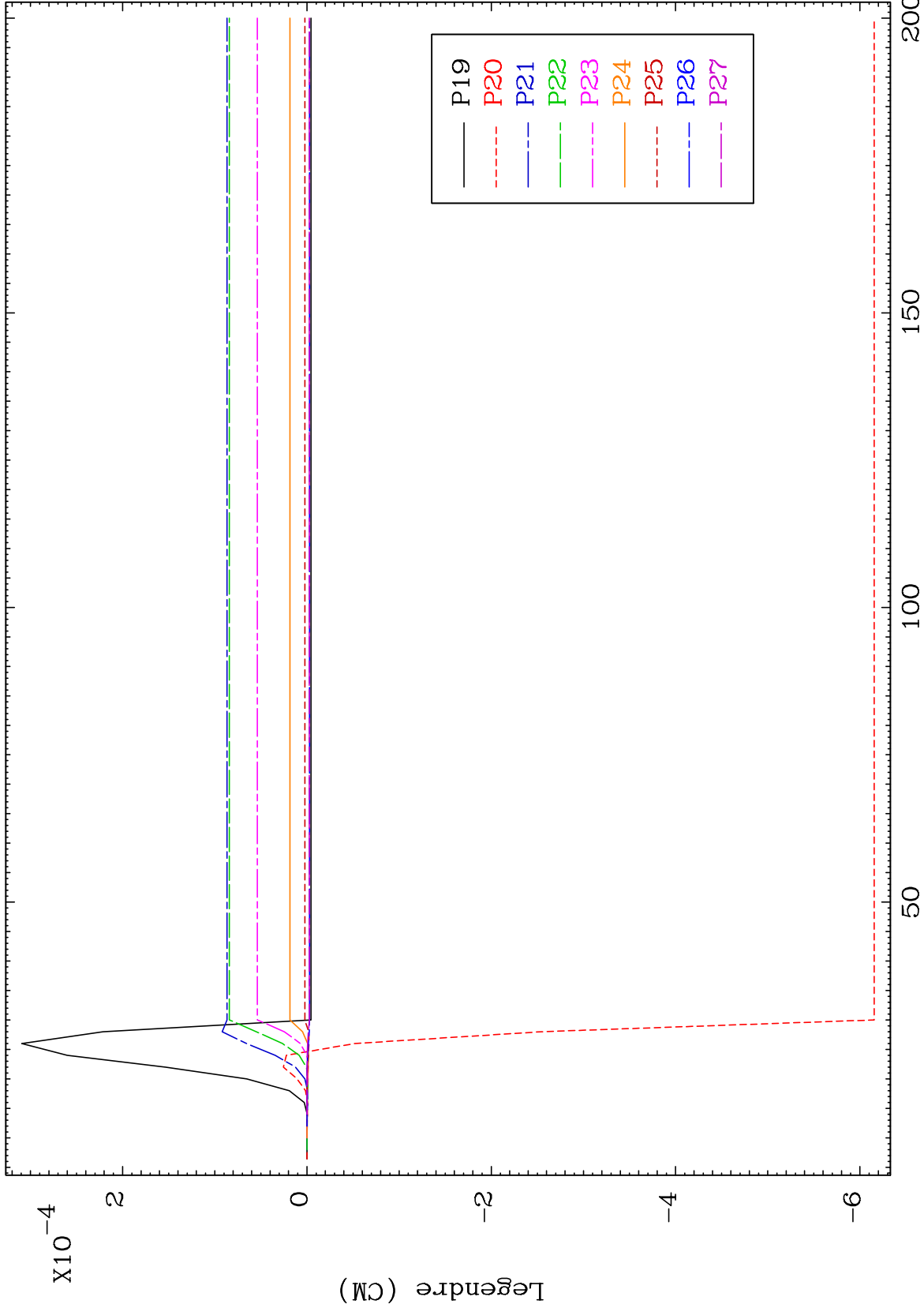
MAT 7761

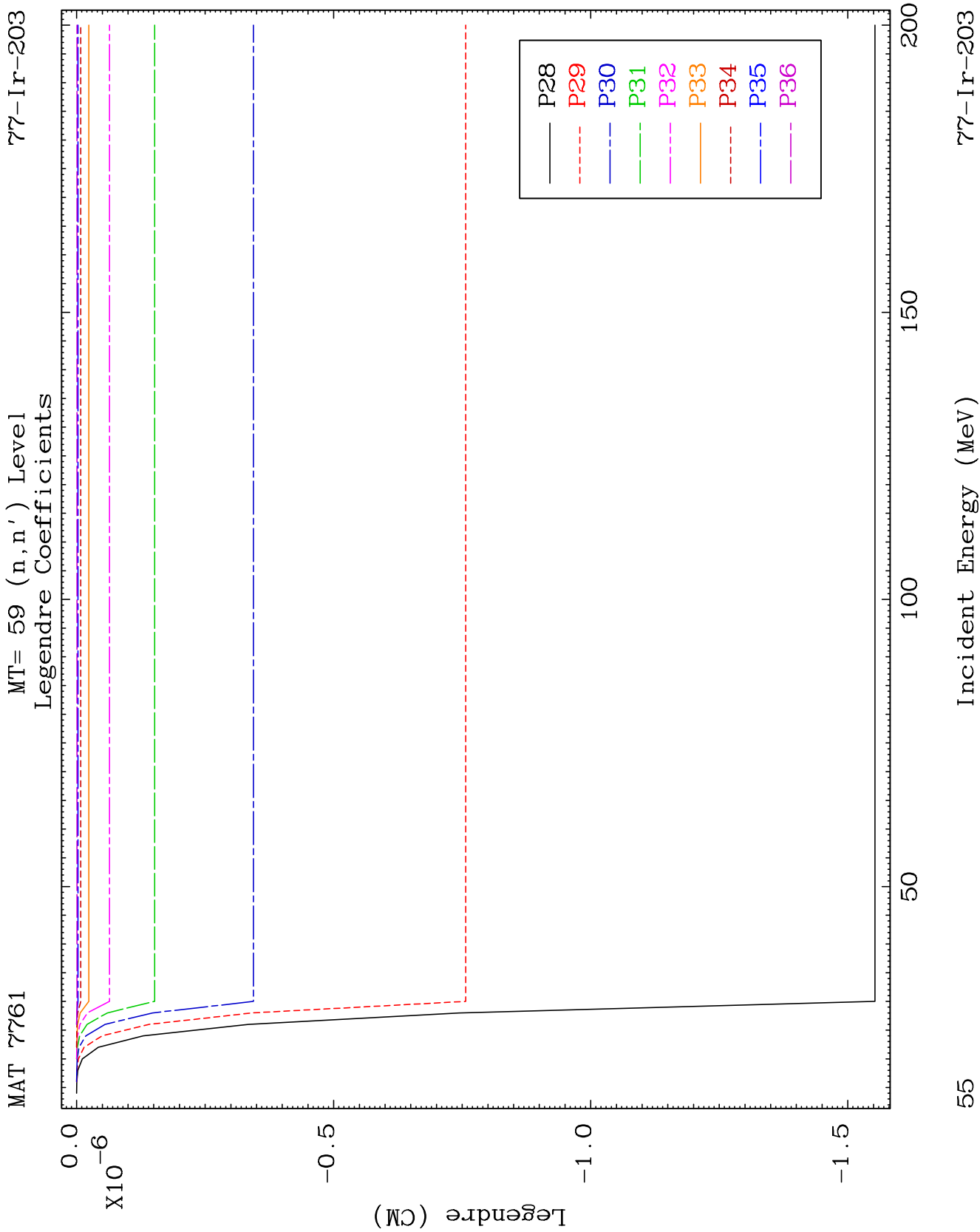
MT= 59 (n, n') Level
Legendre Coefficients

77-1r-203





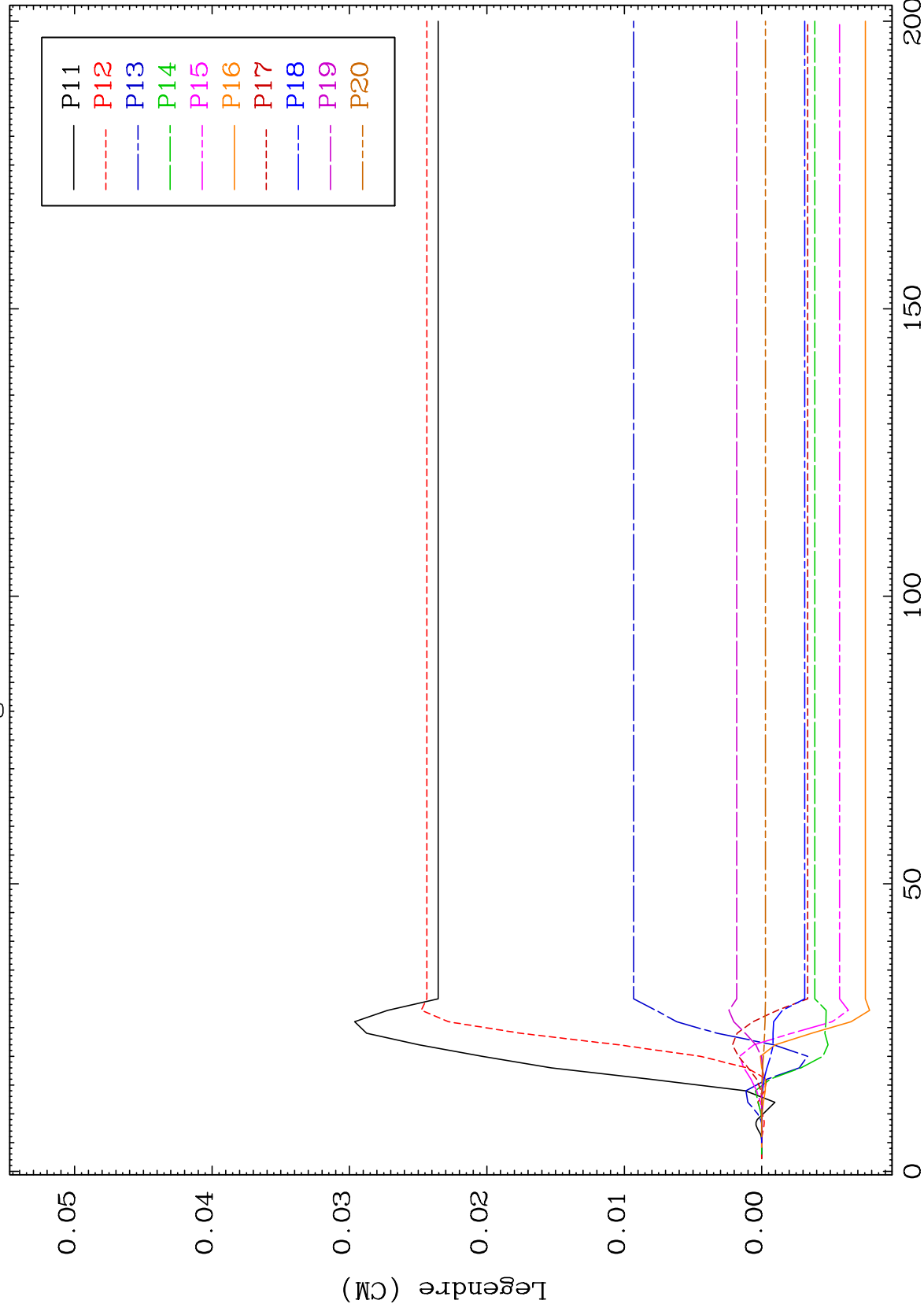




MAT 7761

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

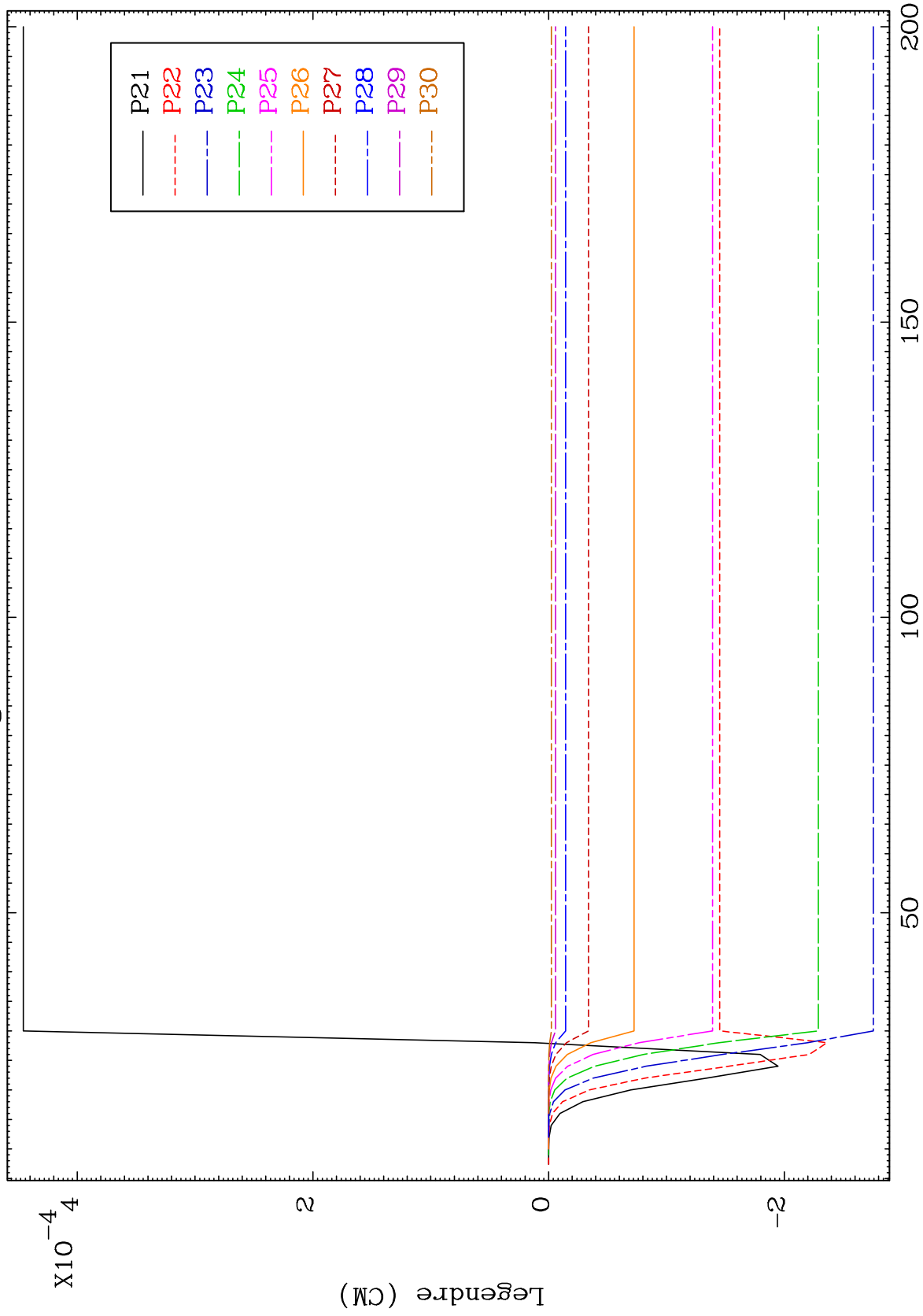
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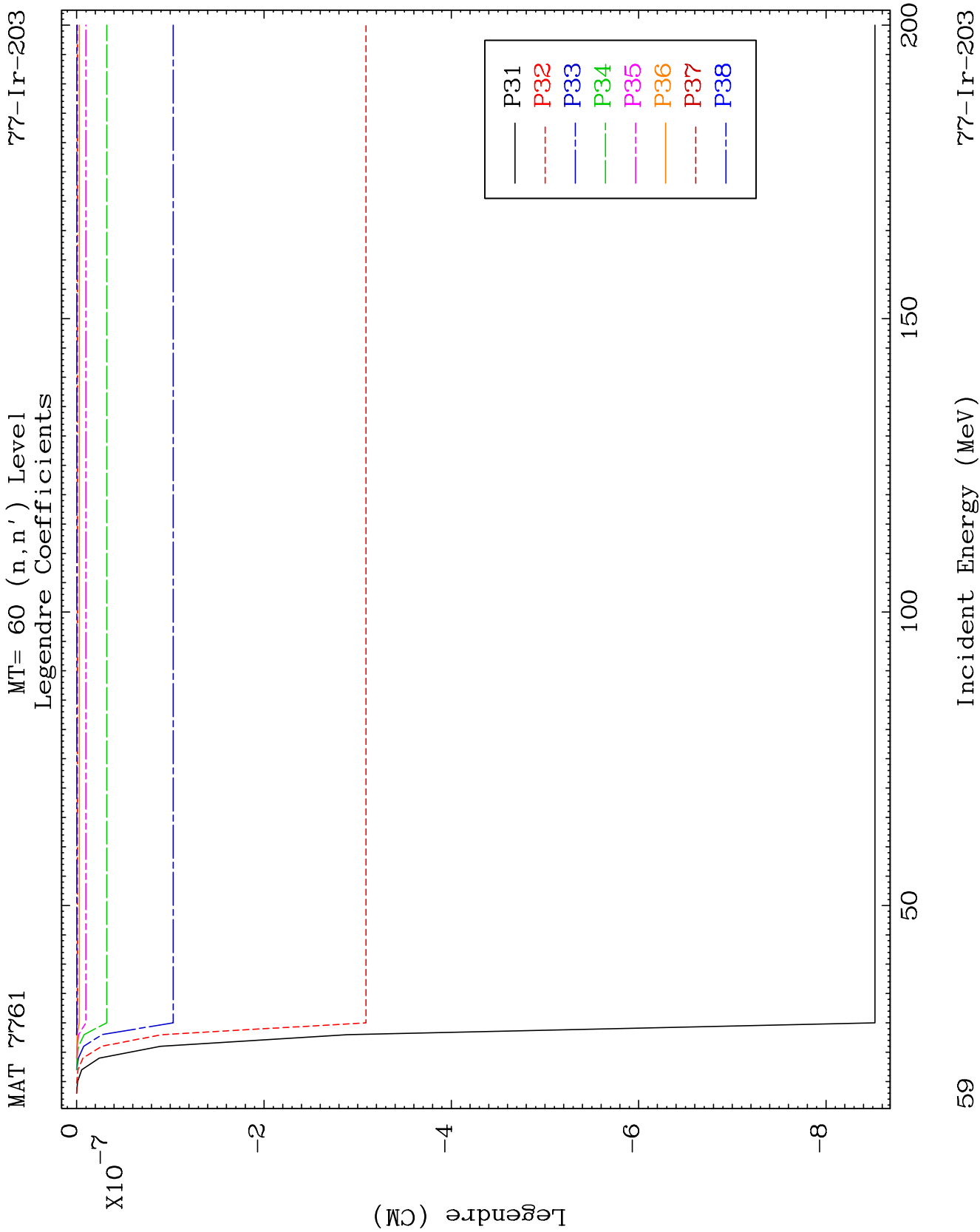


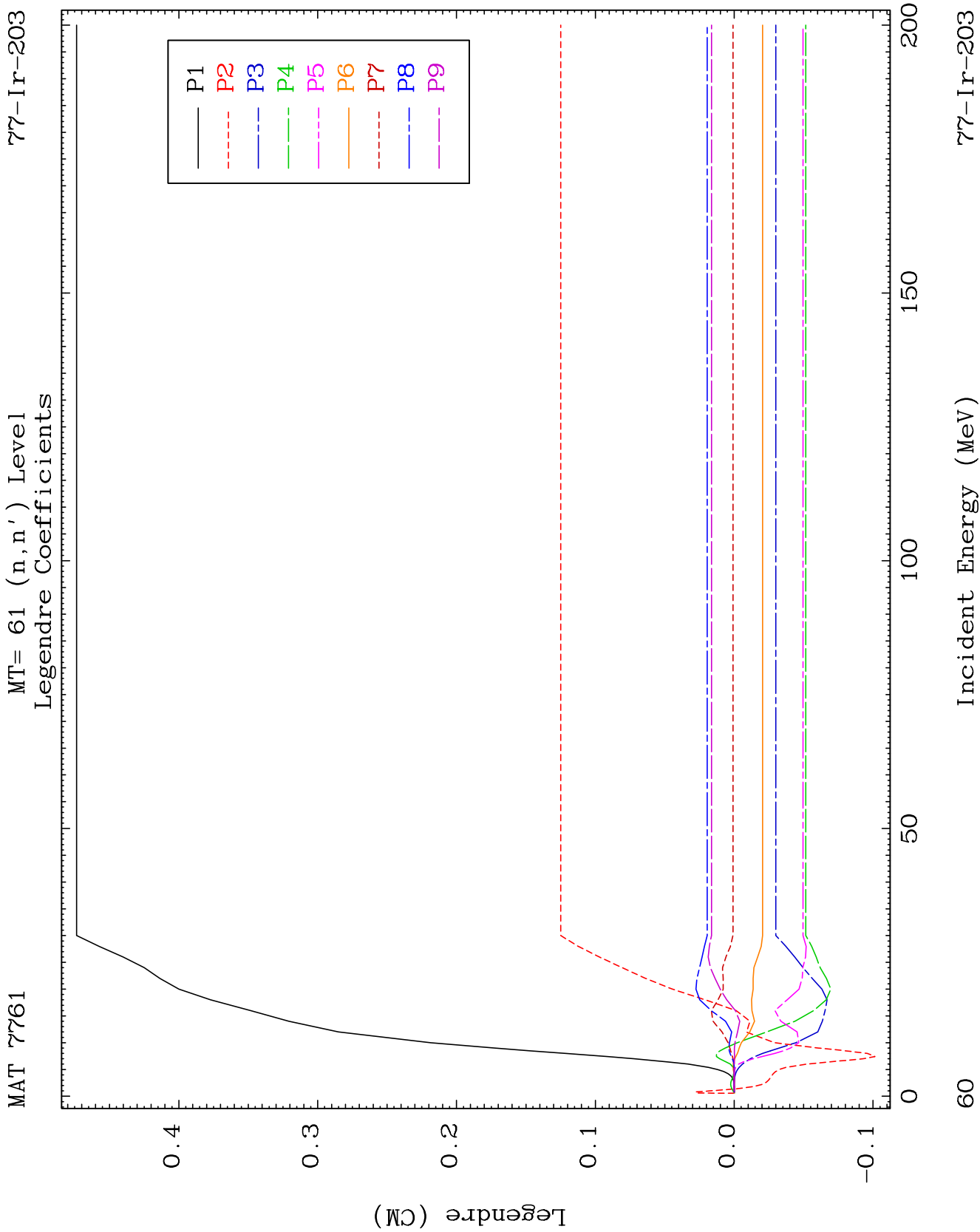
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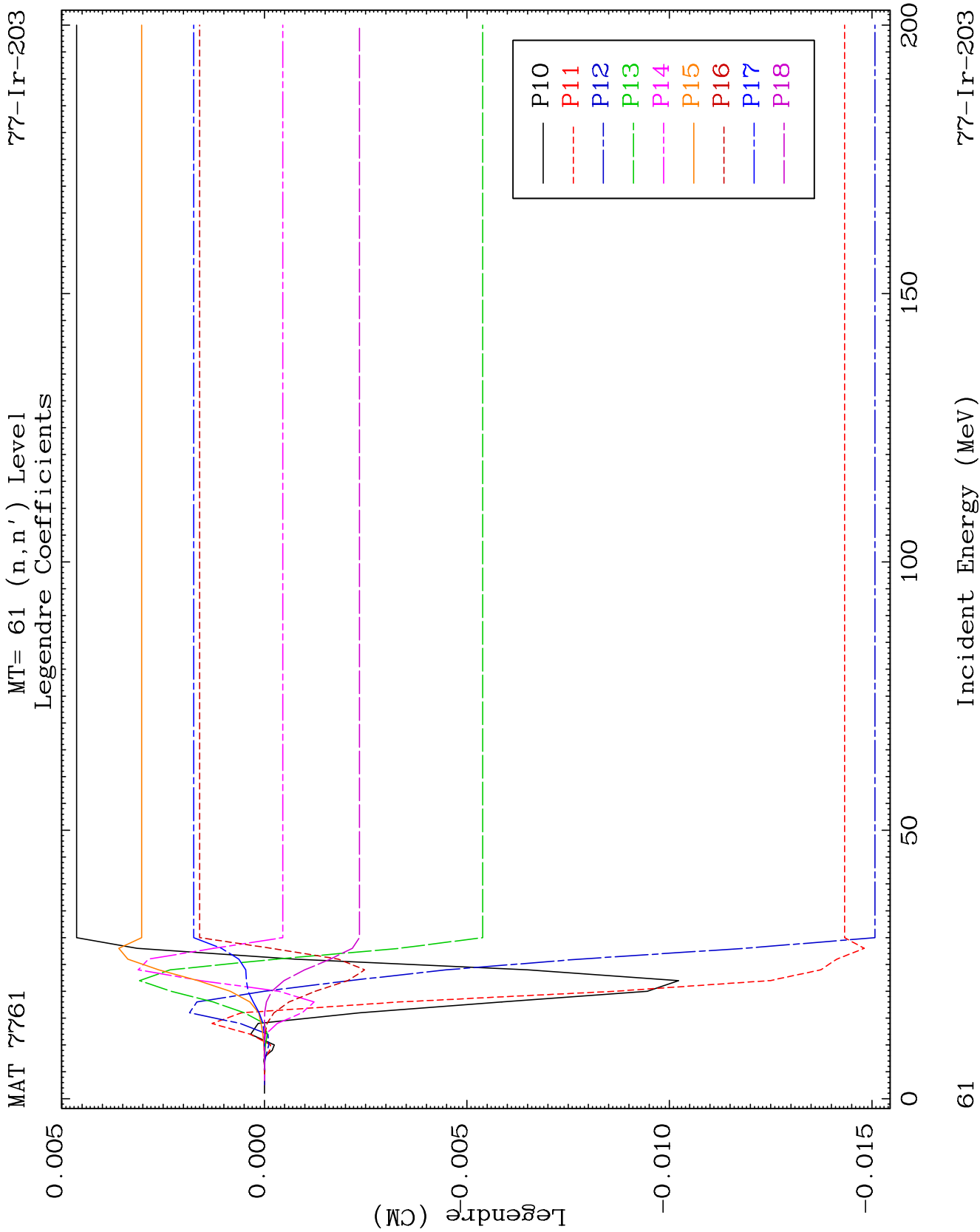
Incident Energy (MeV)

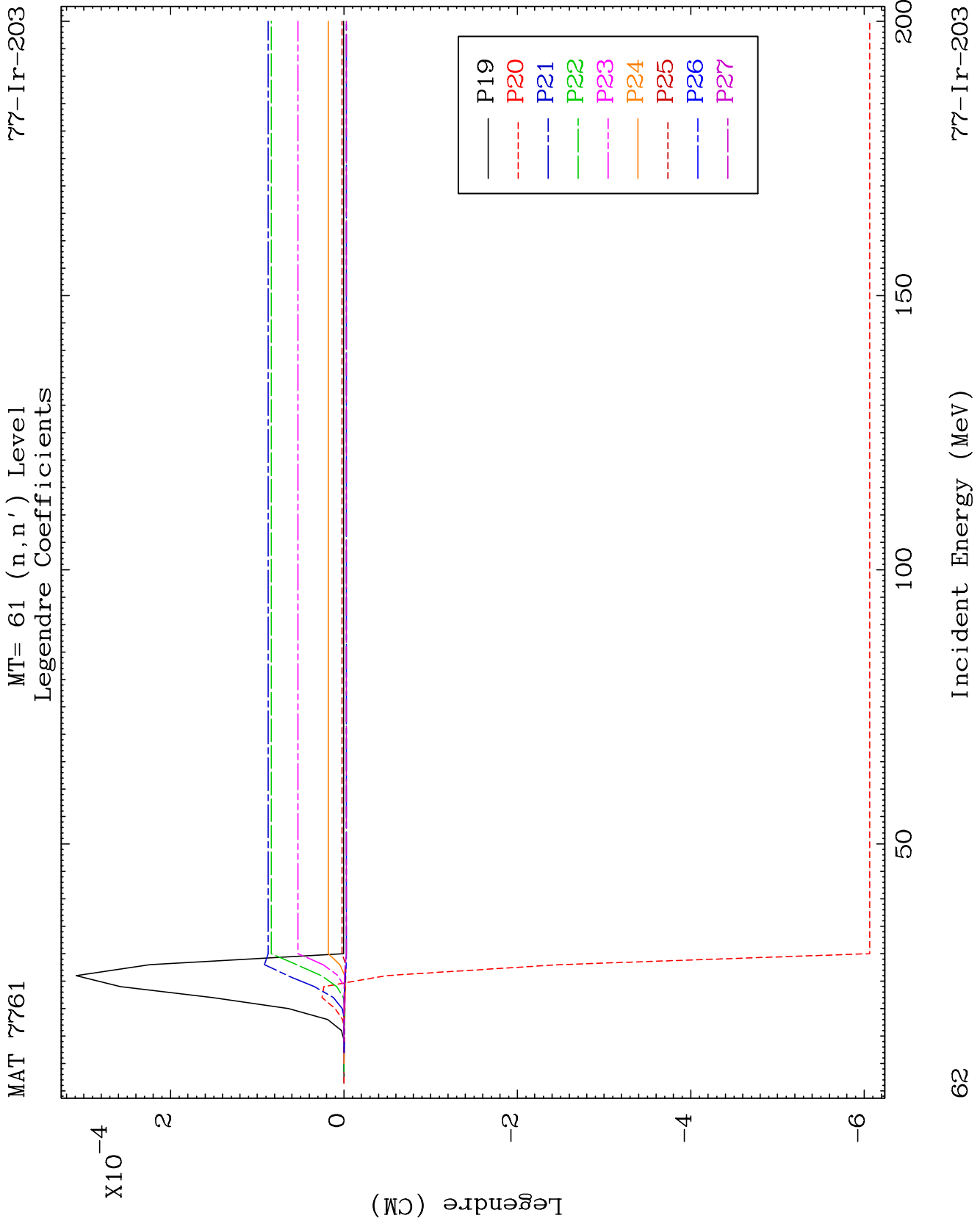
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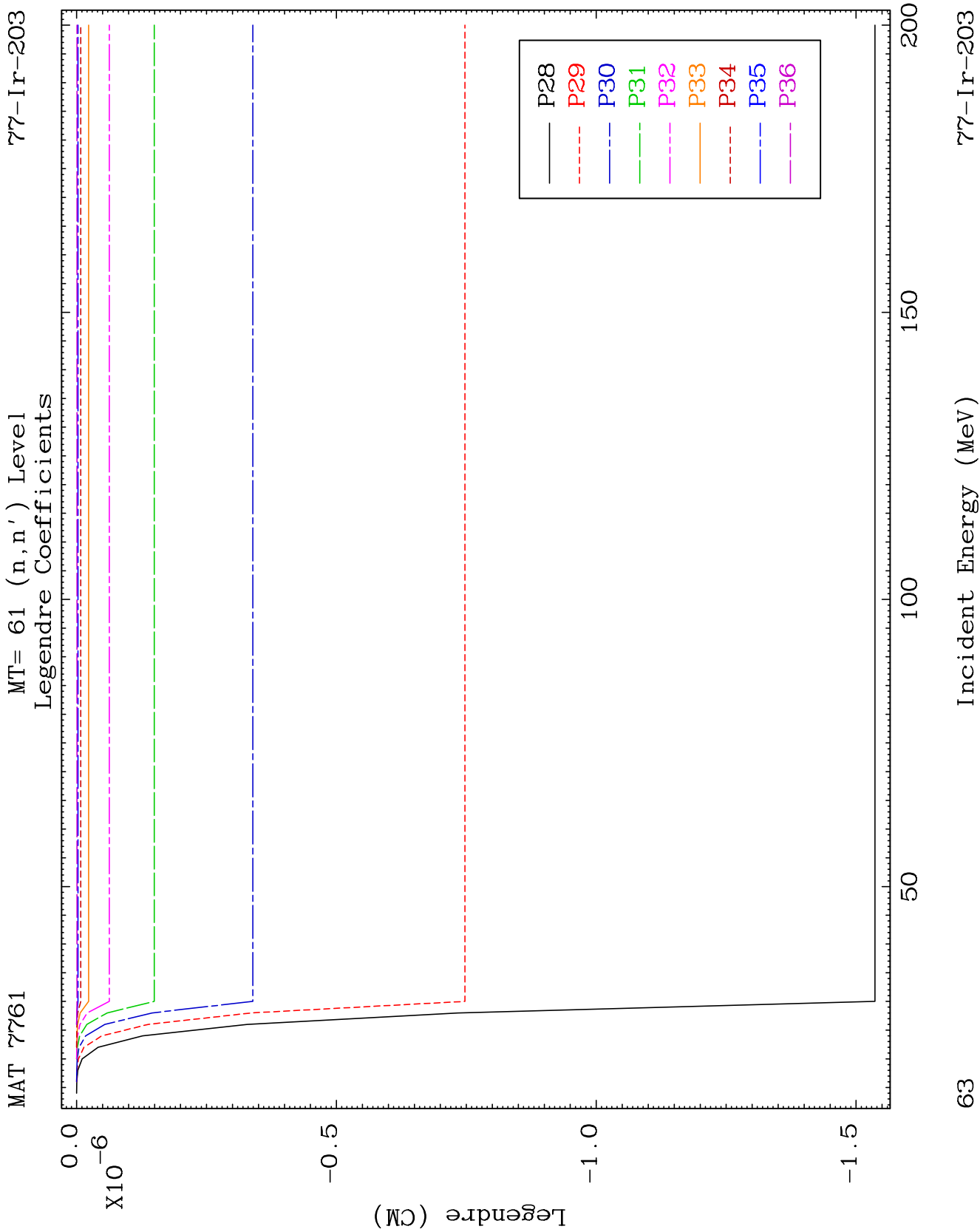








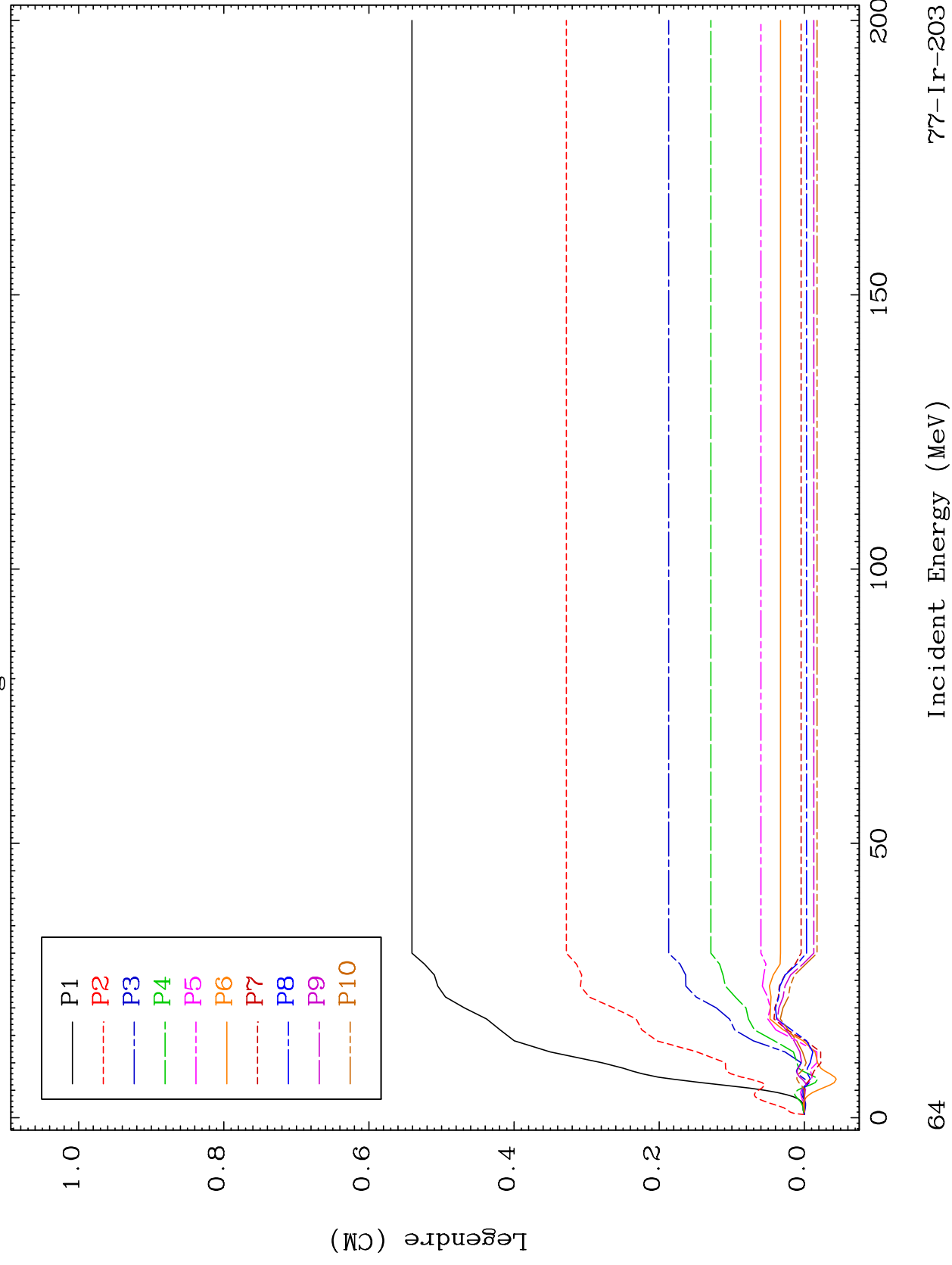


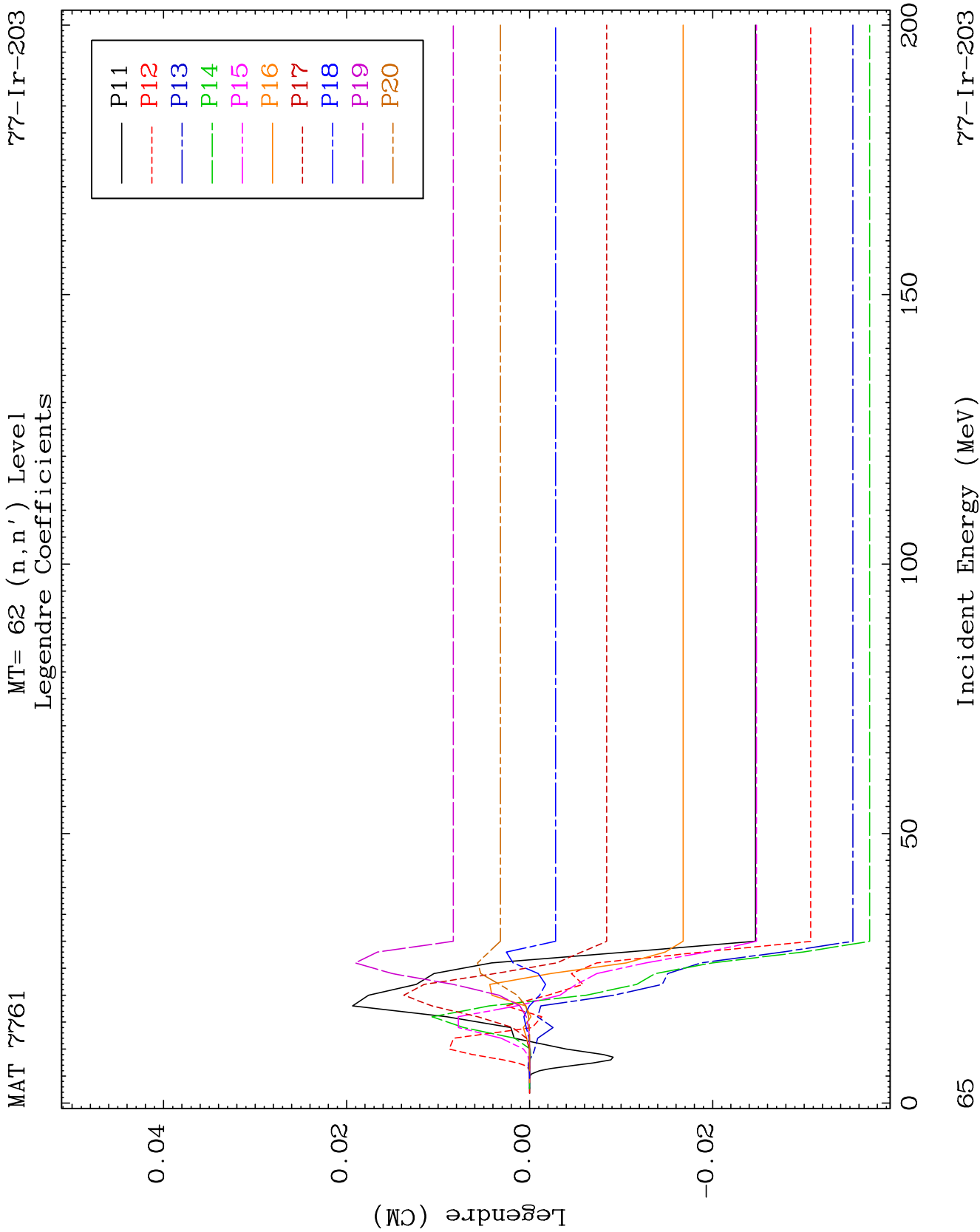


MAT 7761

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

77-1r-203

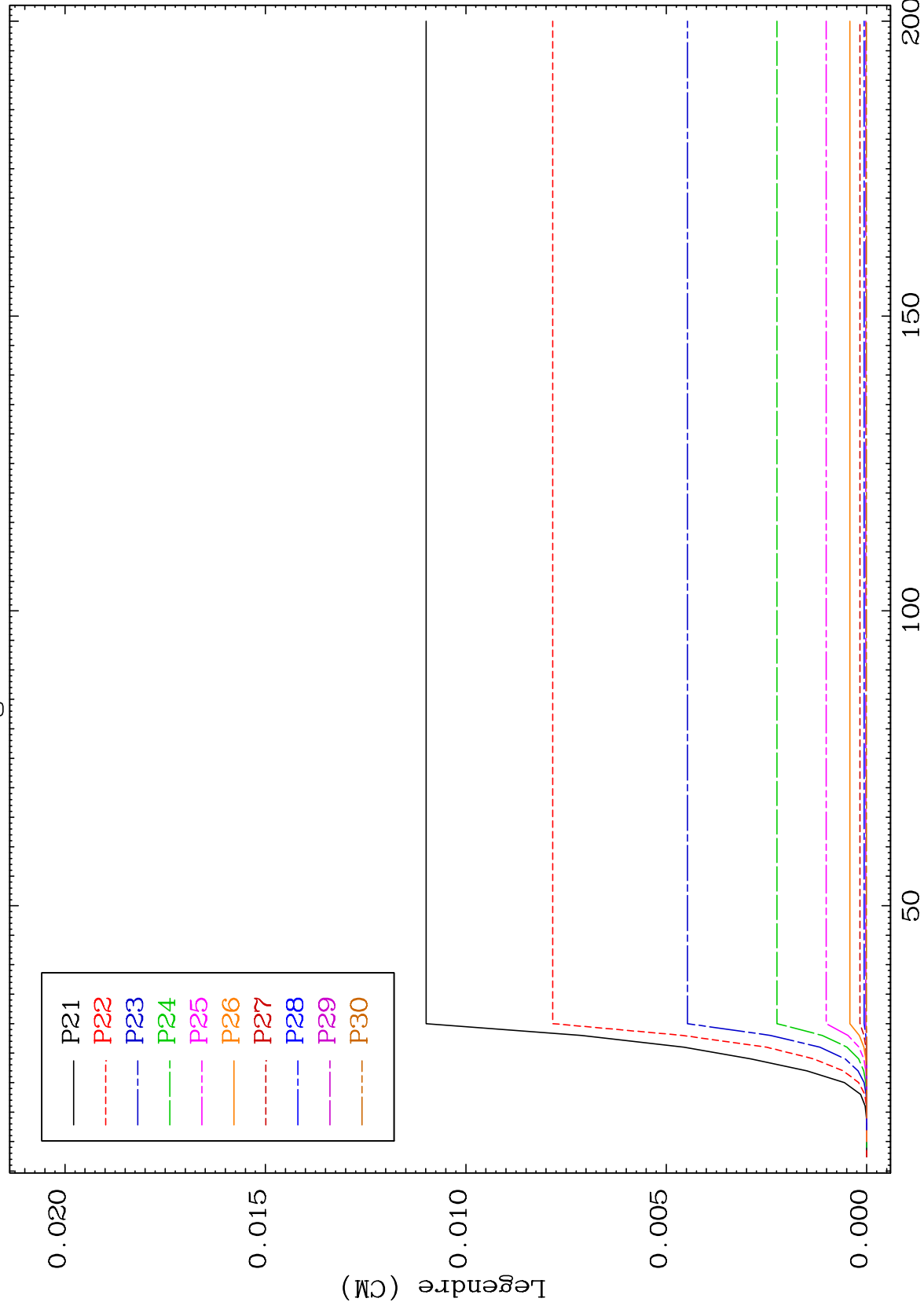




MAT 7761

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

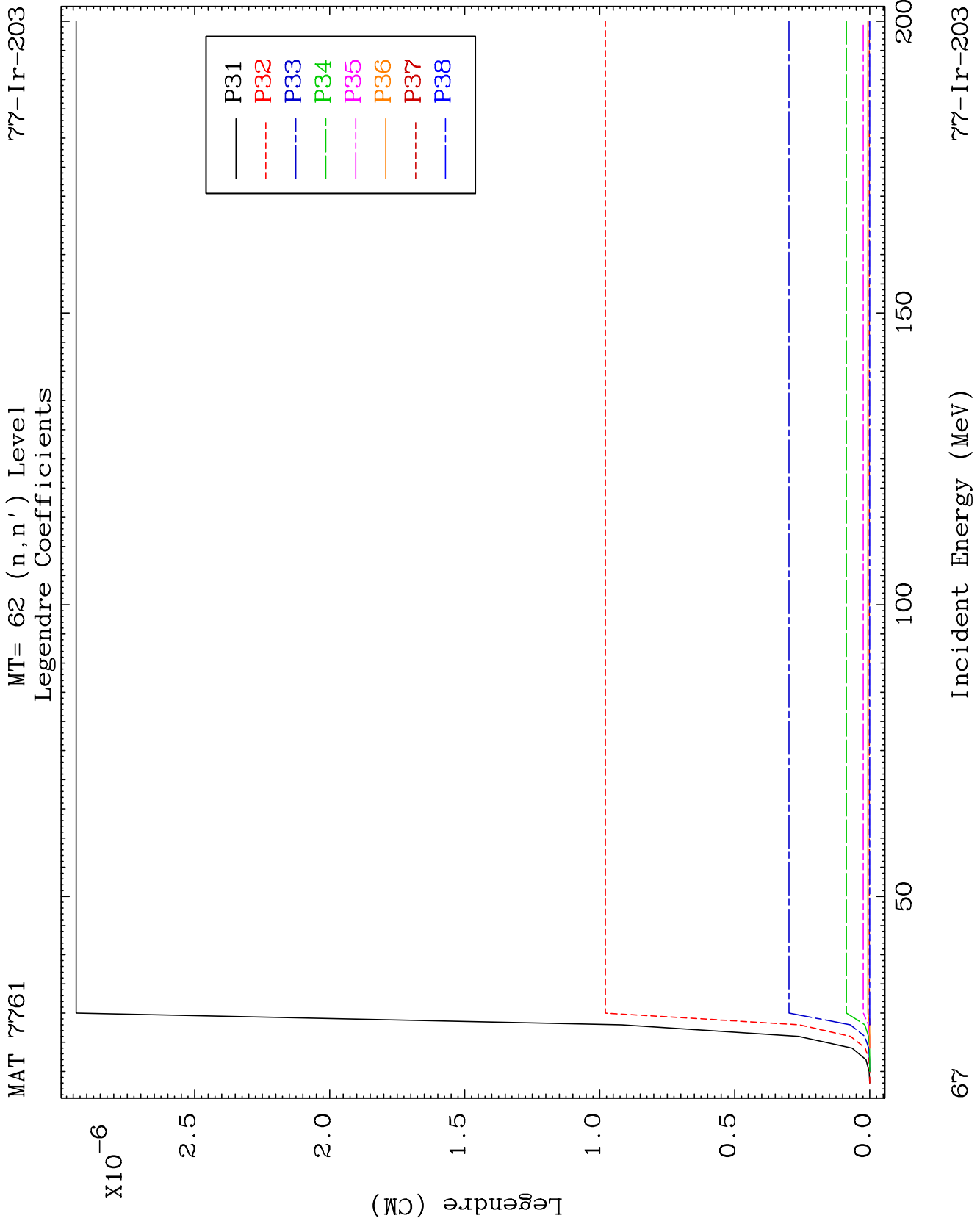
77-Ir-203



99

Incident Energy (MeV)

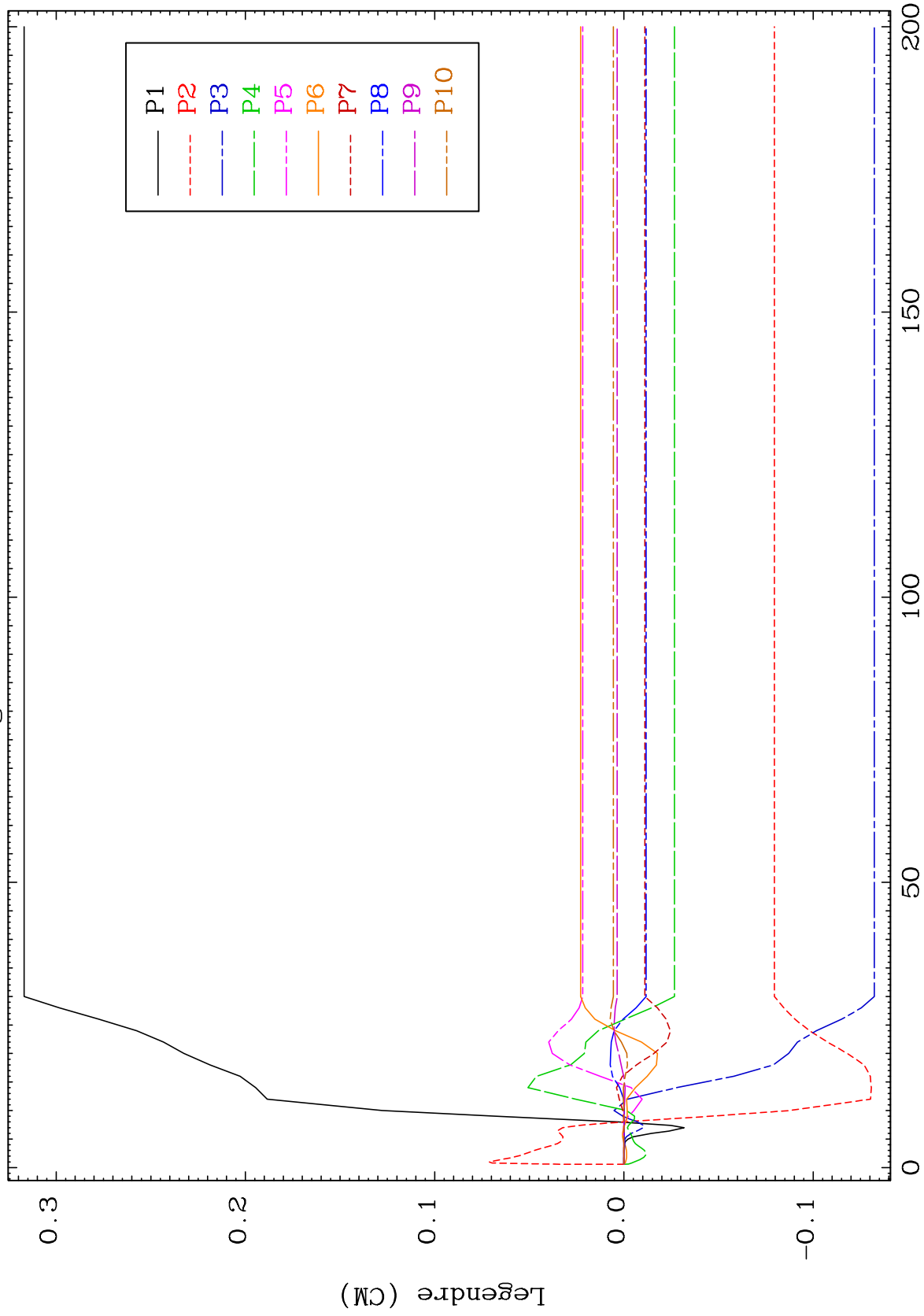
77-1r-203



MAT 7761

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

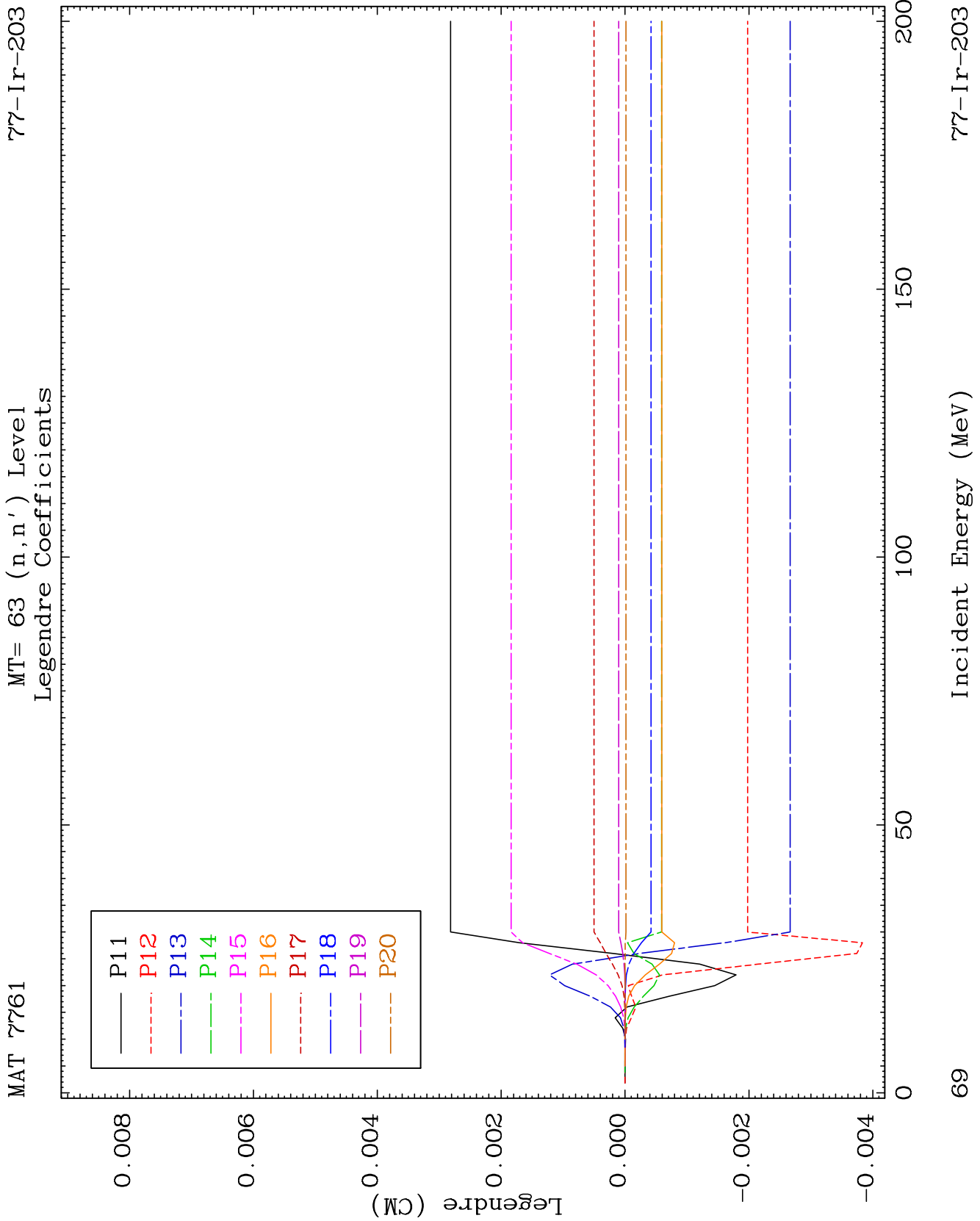
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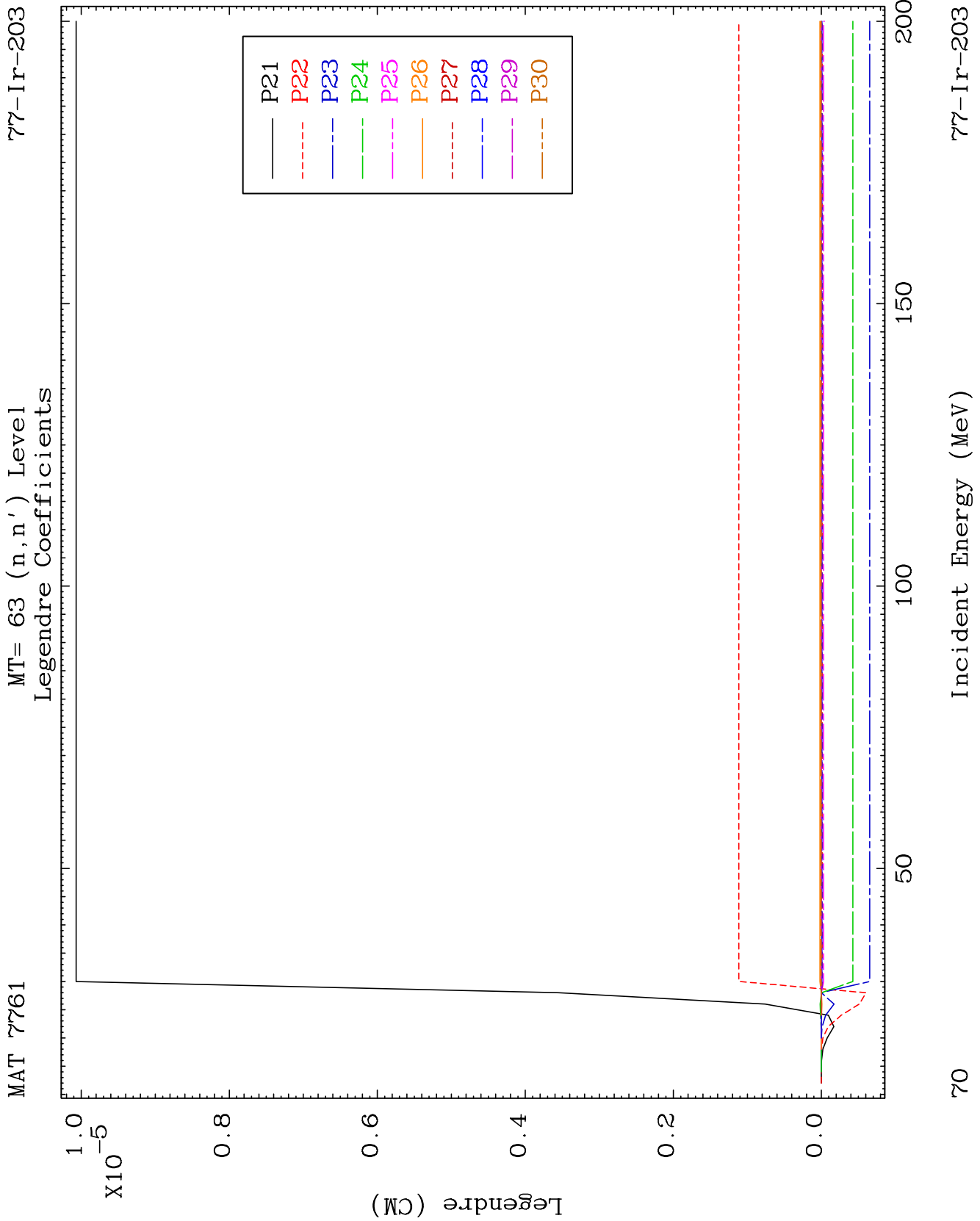


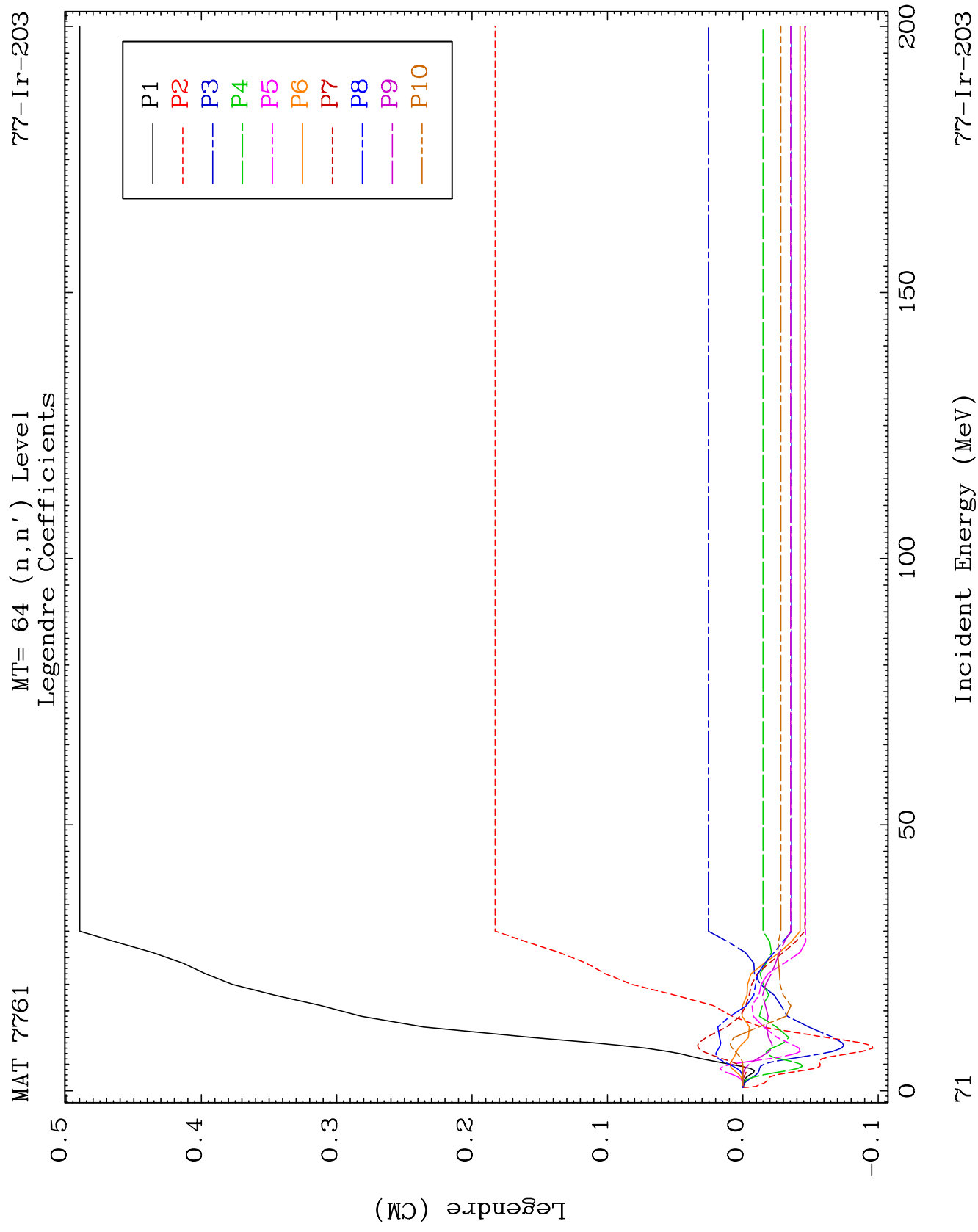
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Incident Energy (MeV)

77-Ir-203



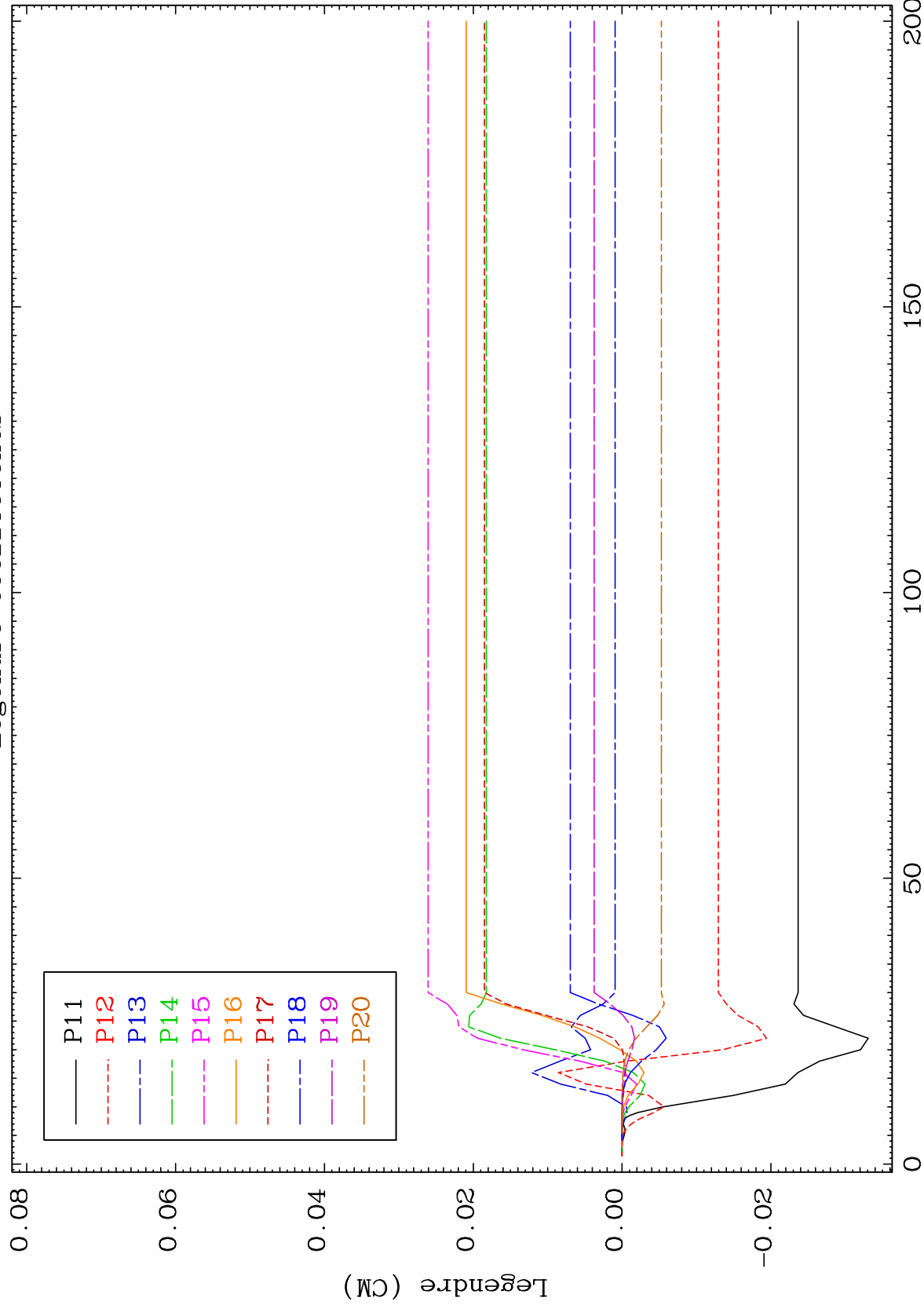




MAT 7761

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

77-Ir-203



22

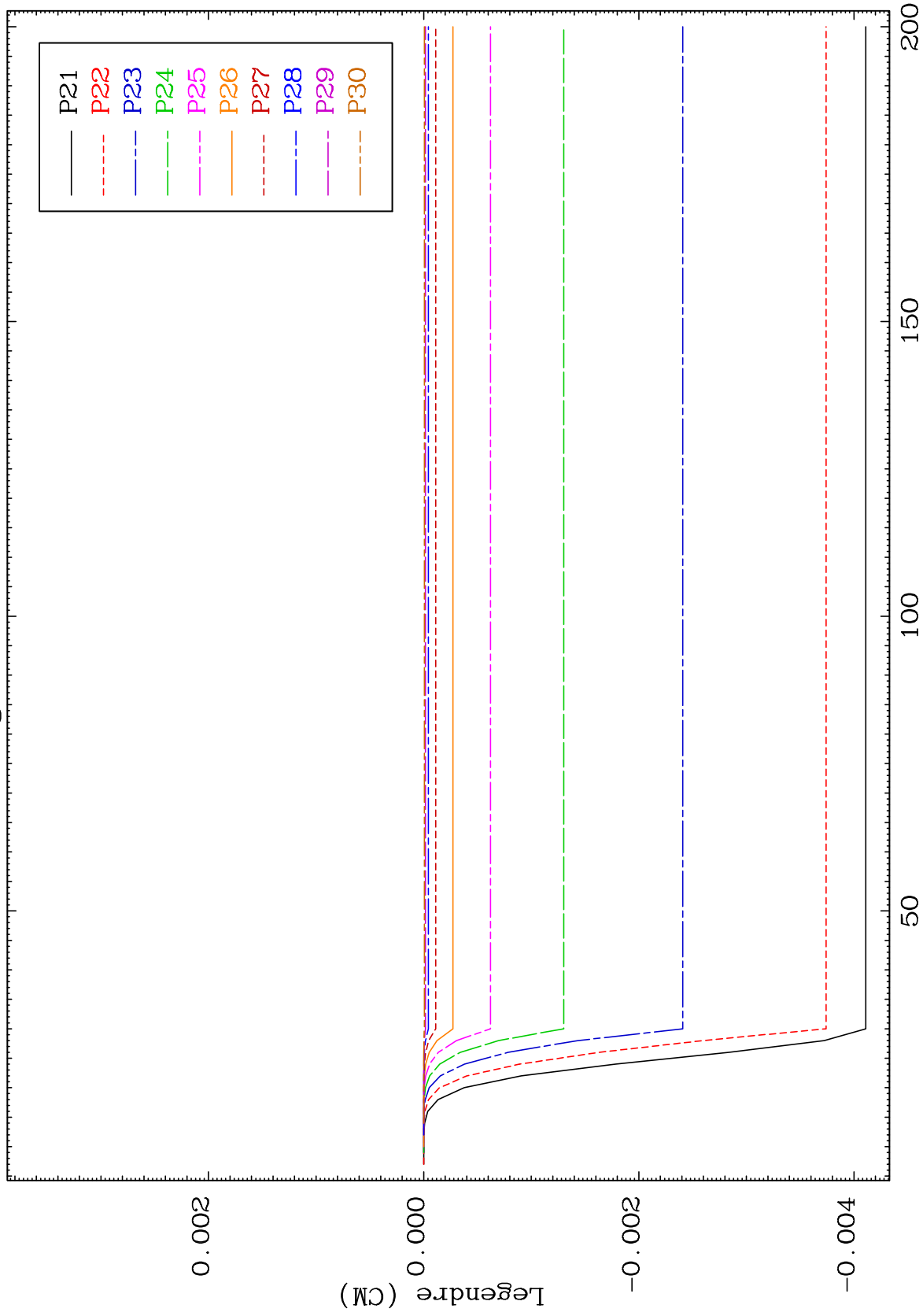
Incident Energy (MeV)

77-1r-203

MAT 7761

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

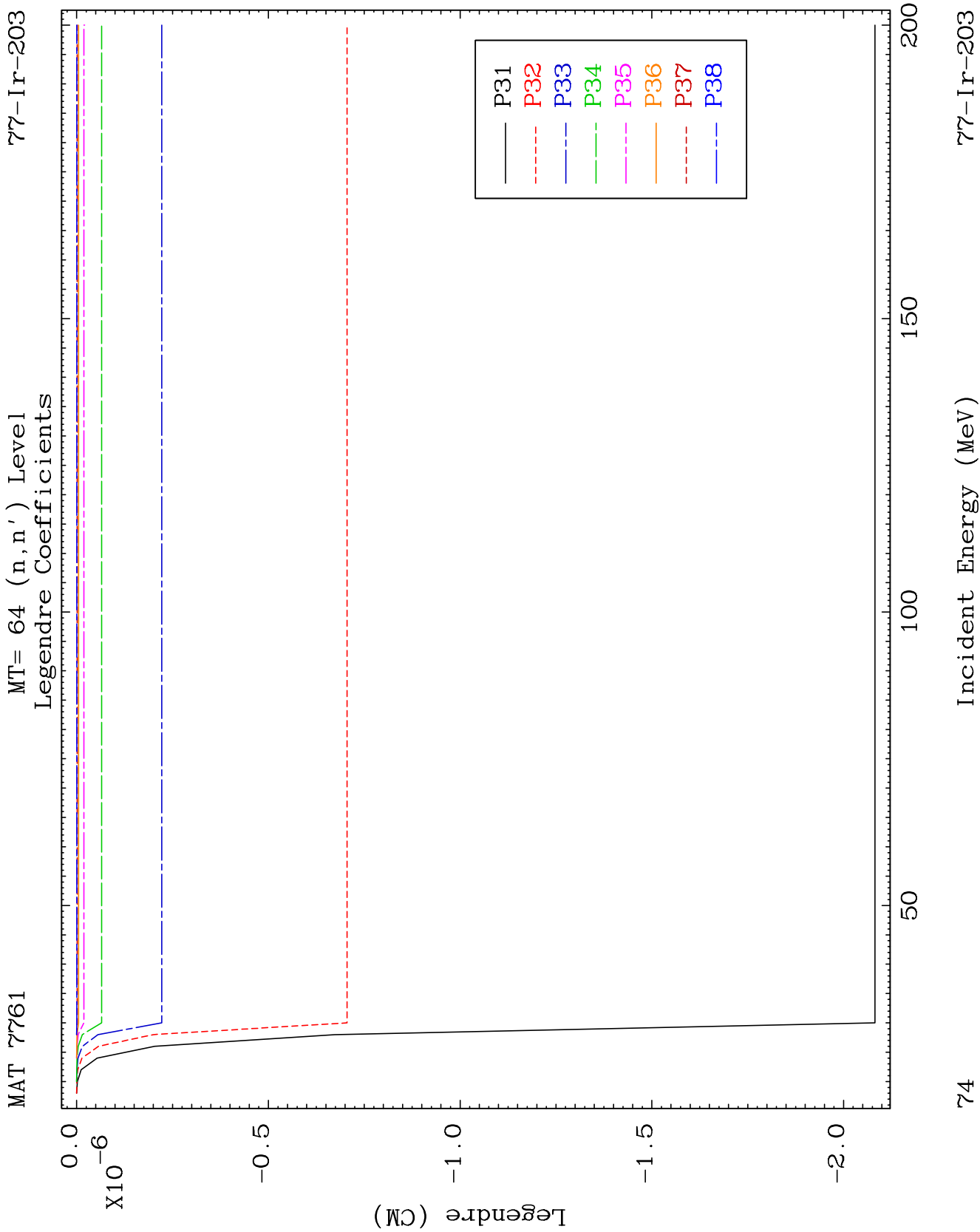
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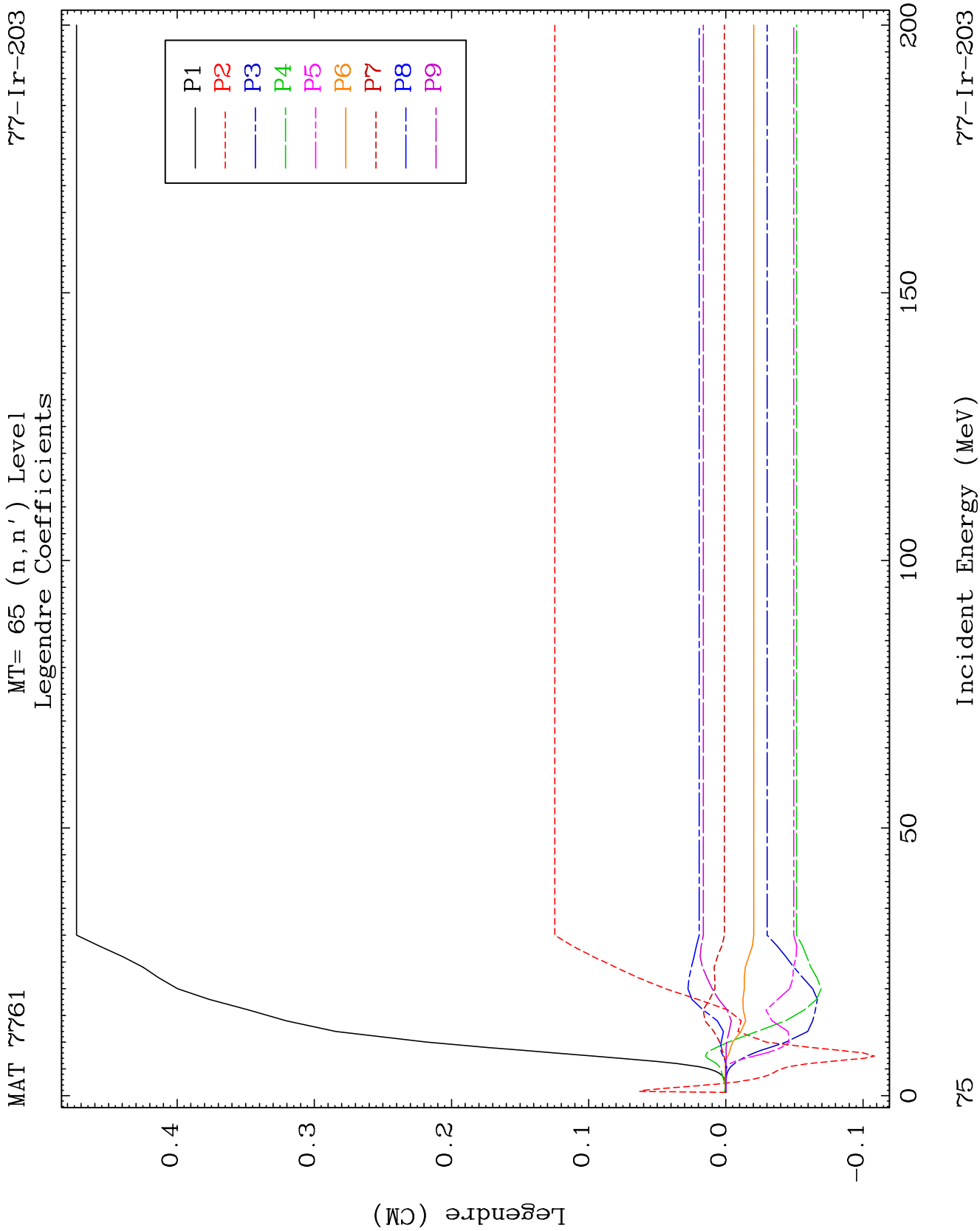


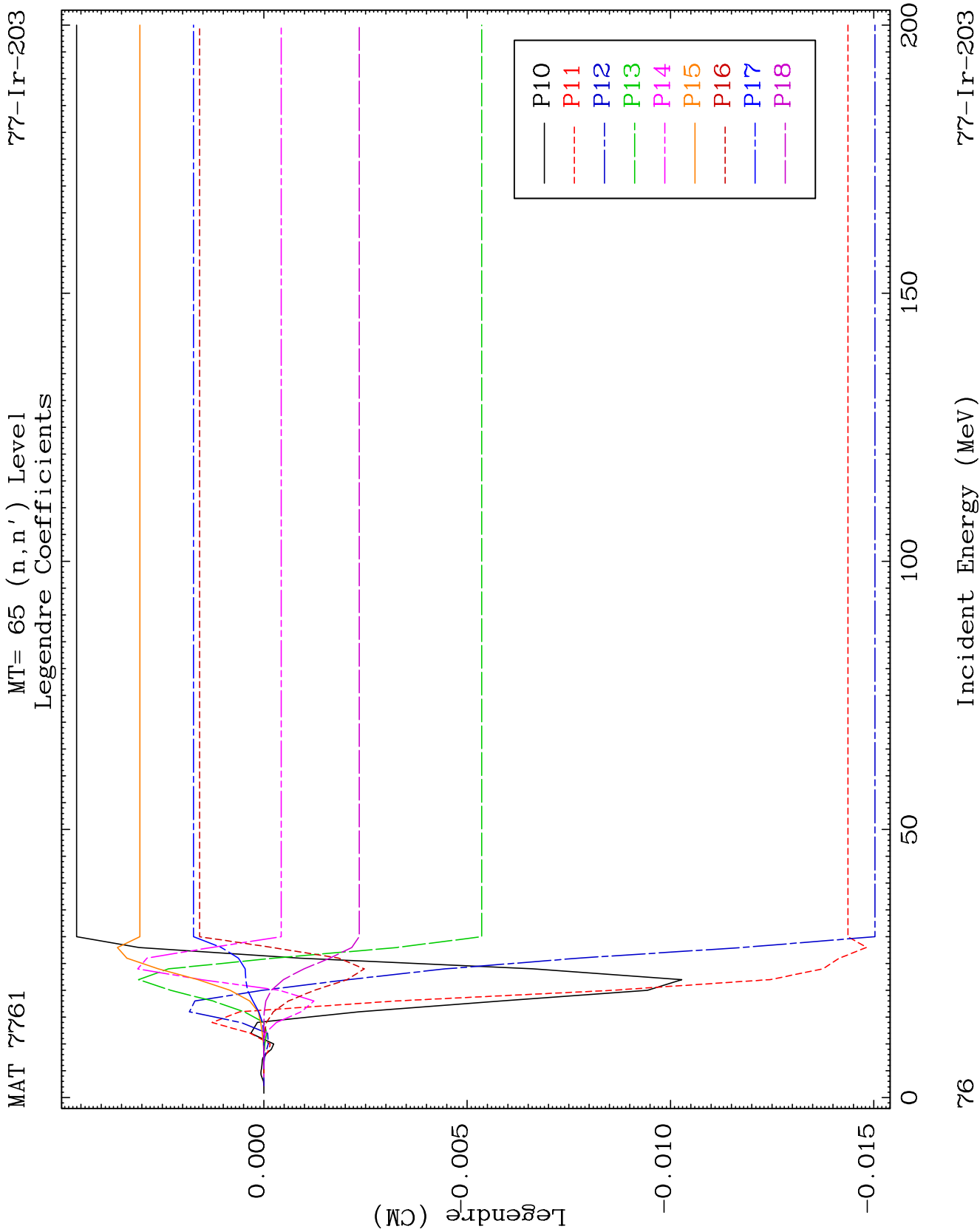
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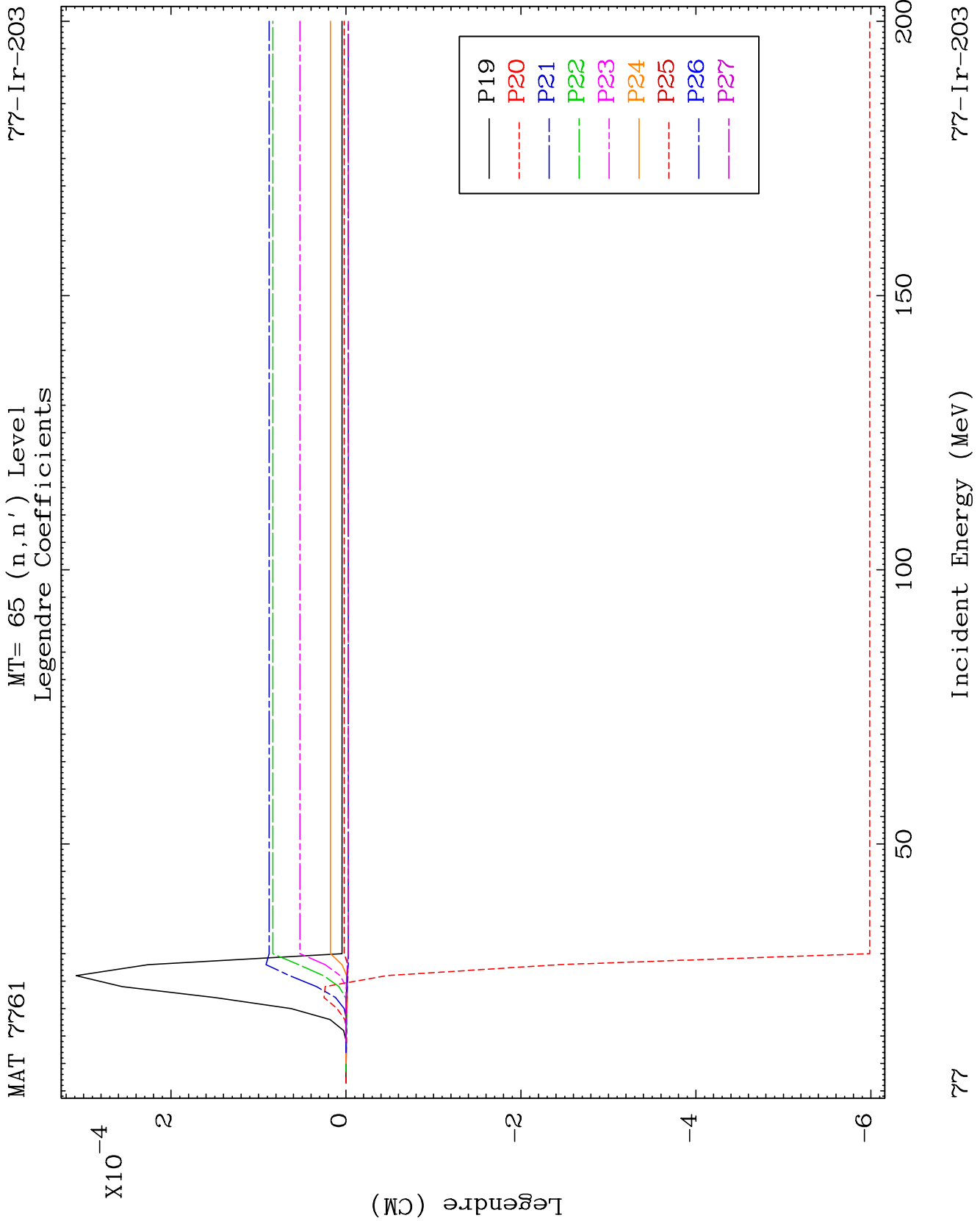
Incident Energy (MeV)

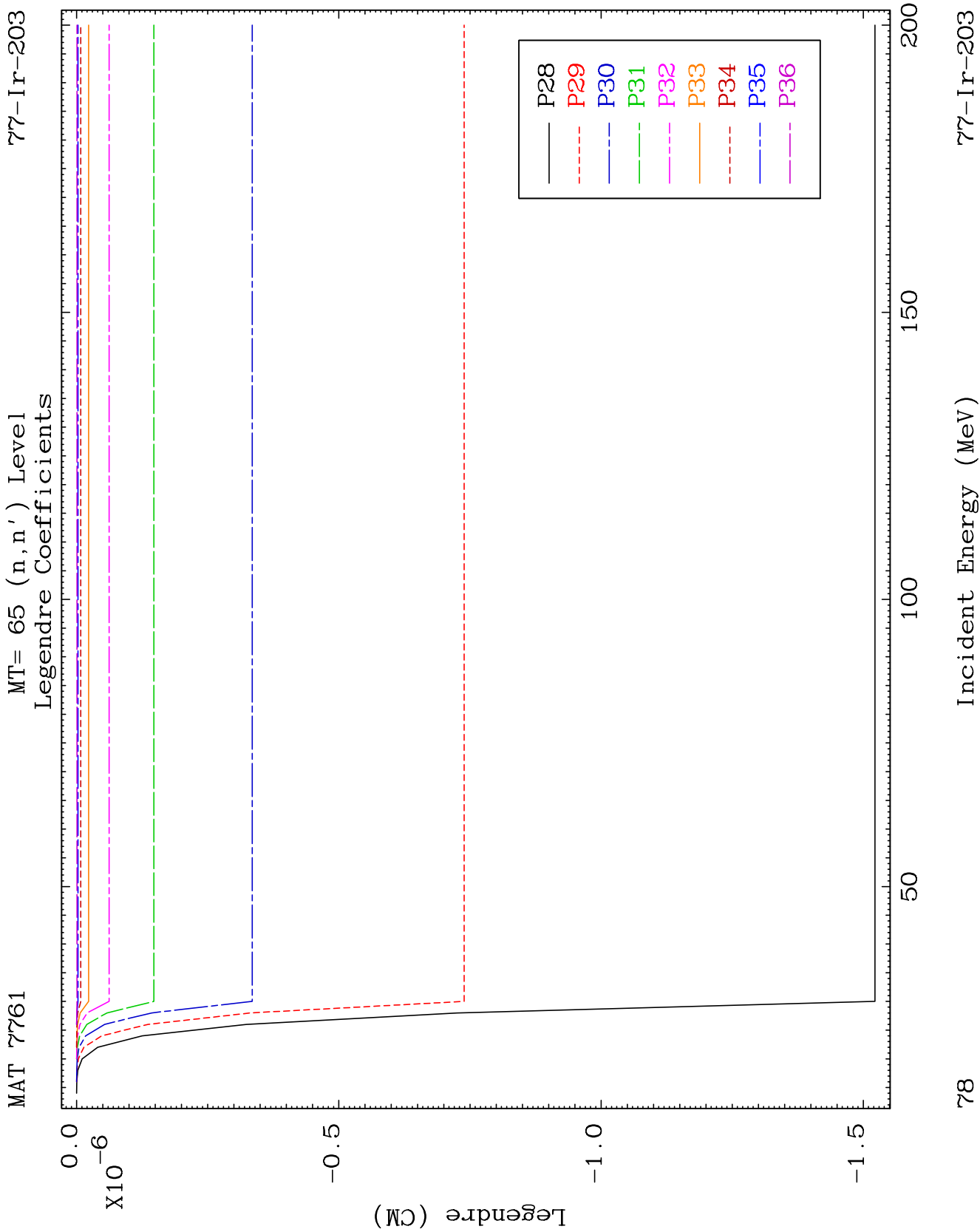
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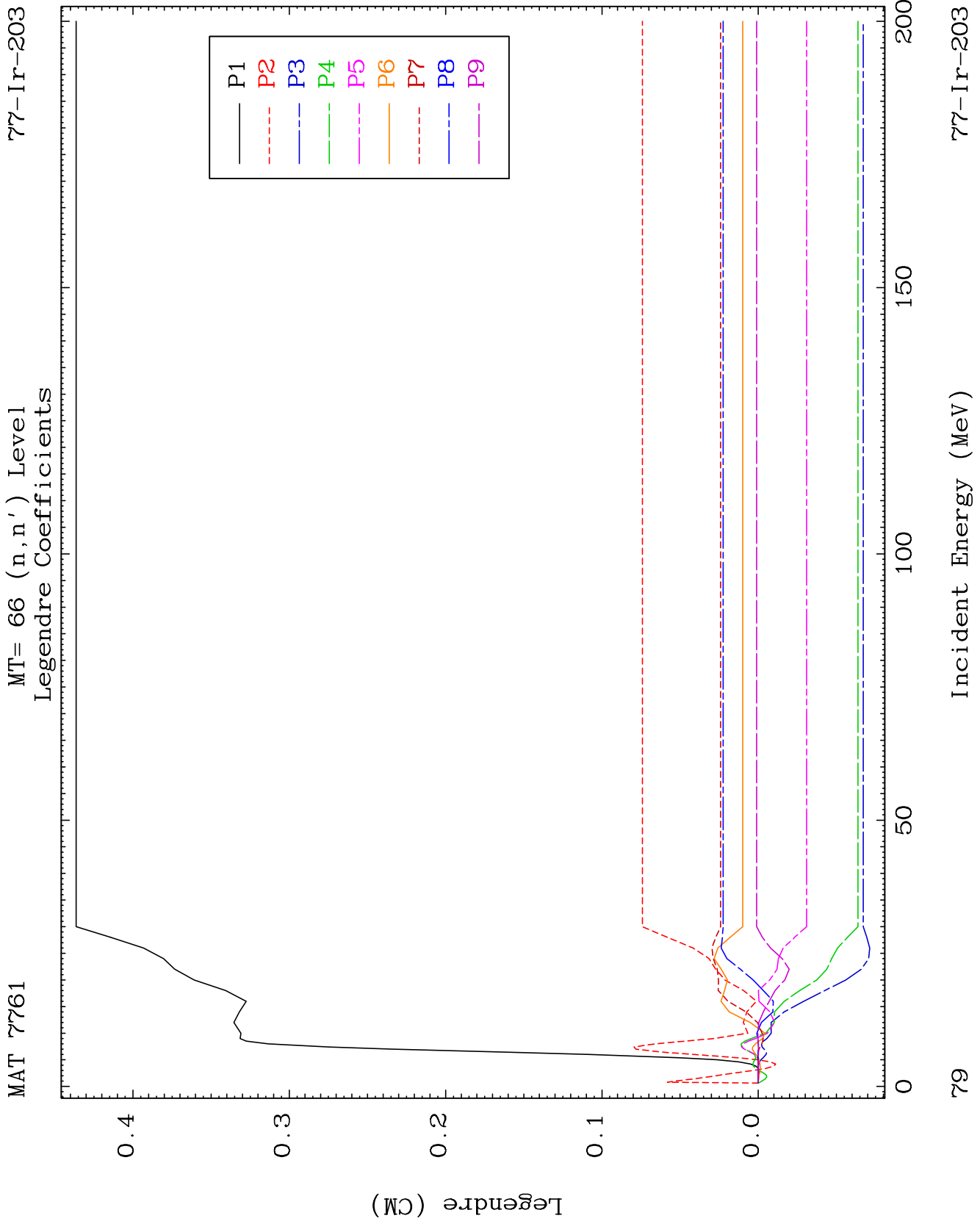


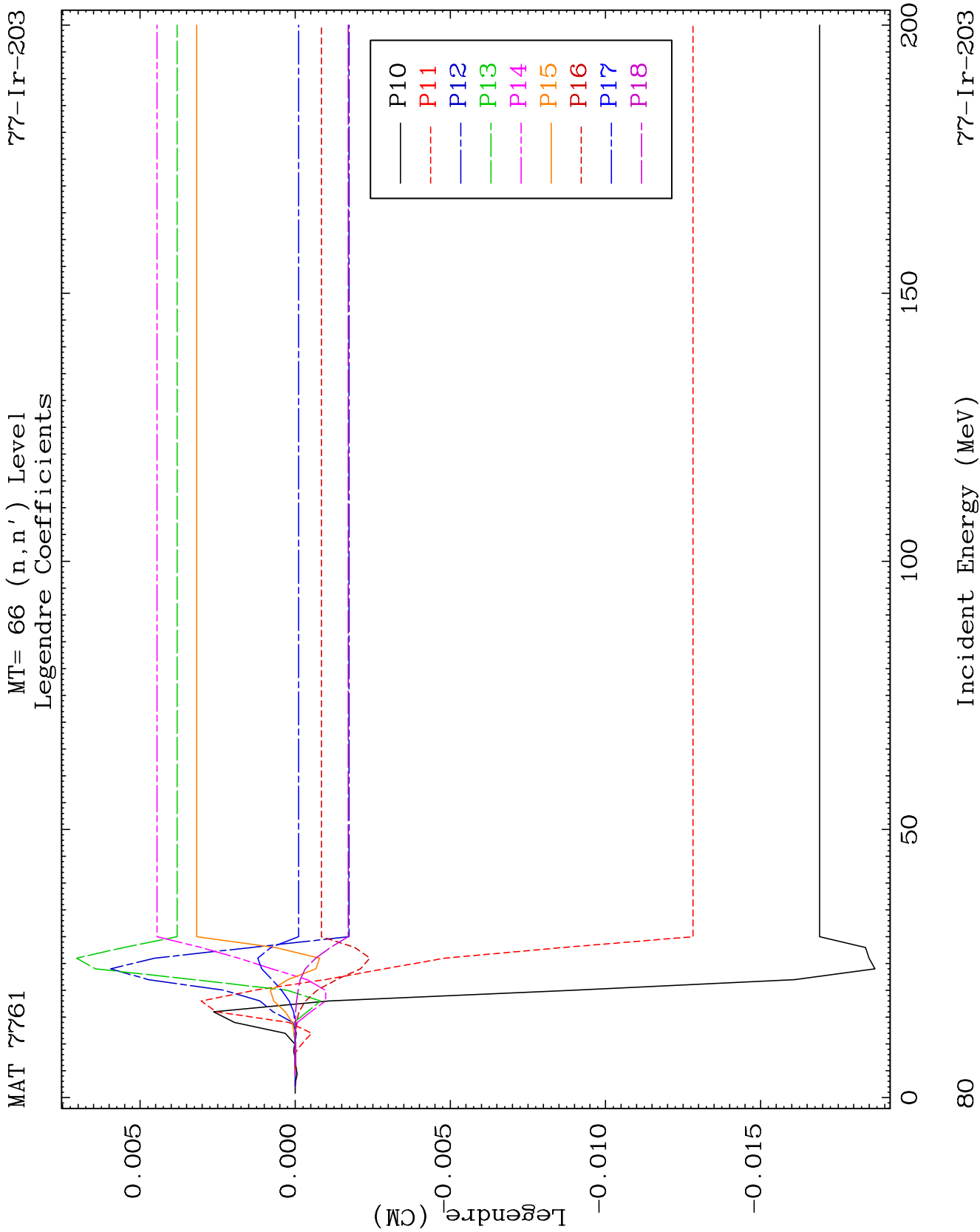


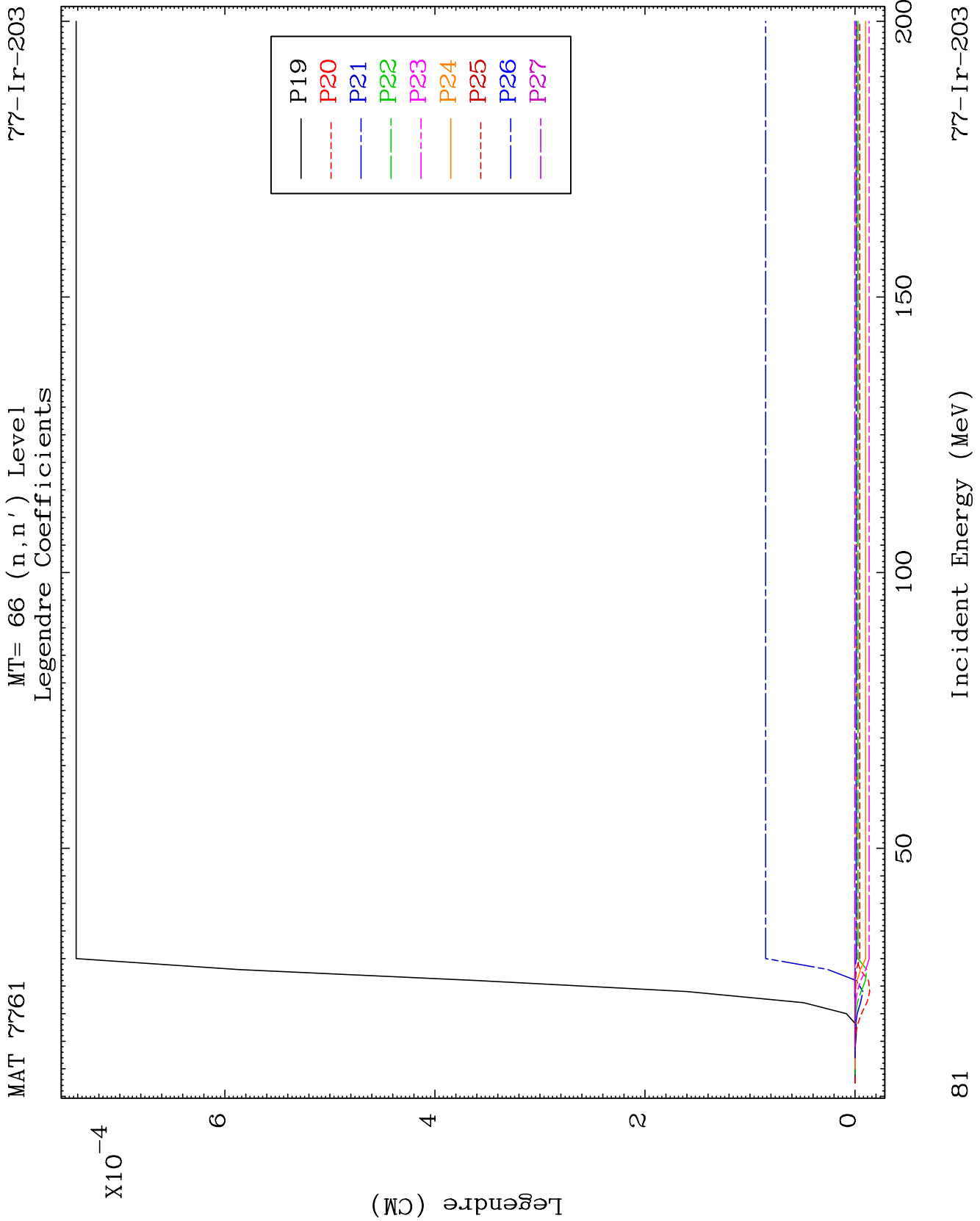


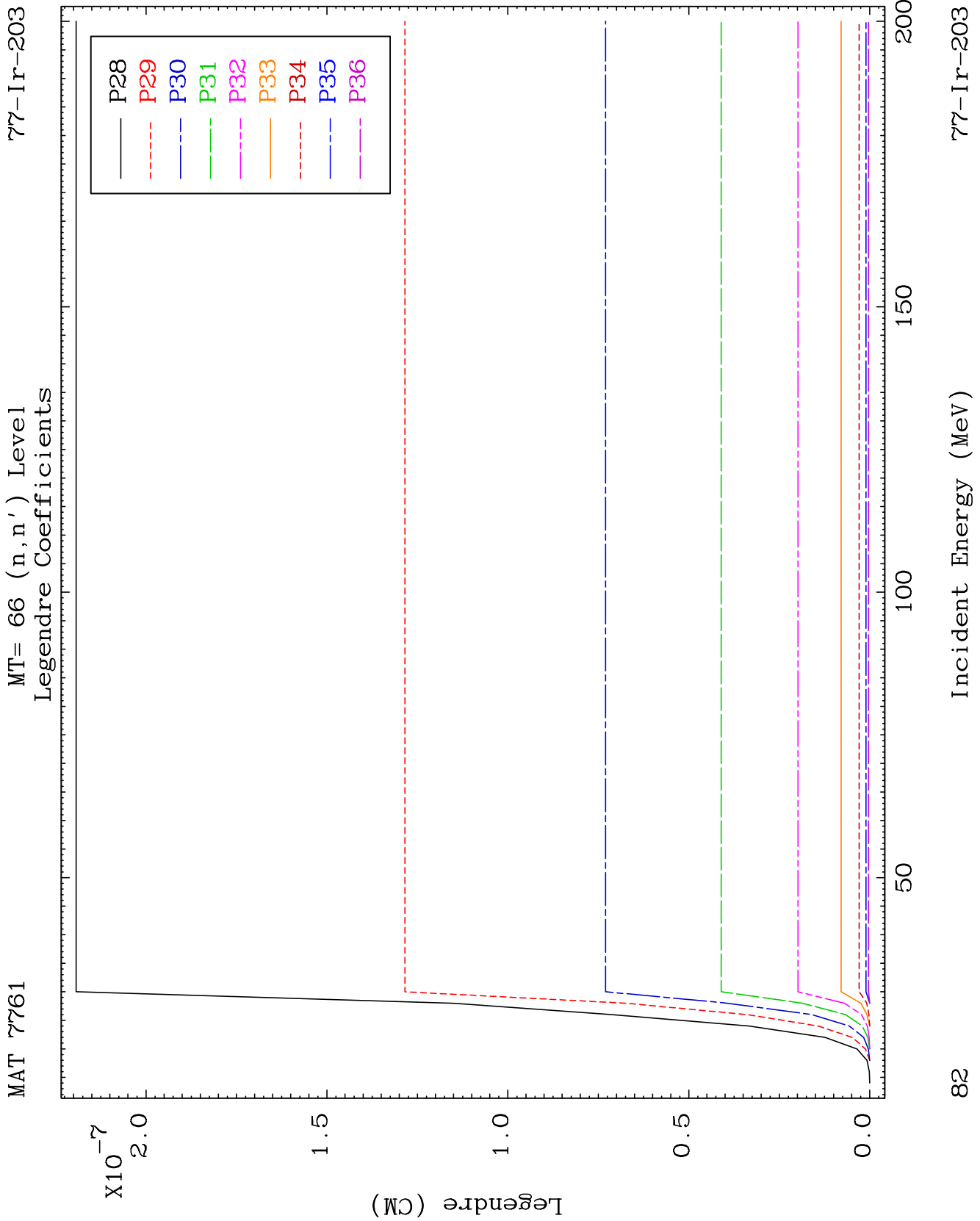








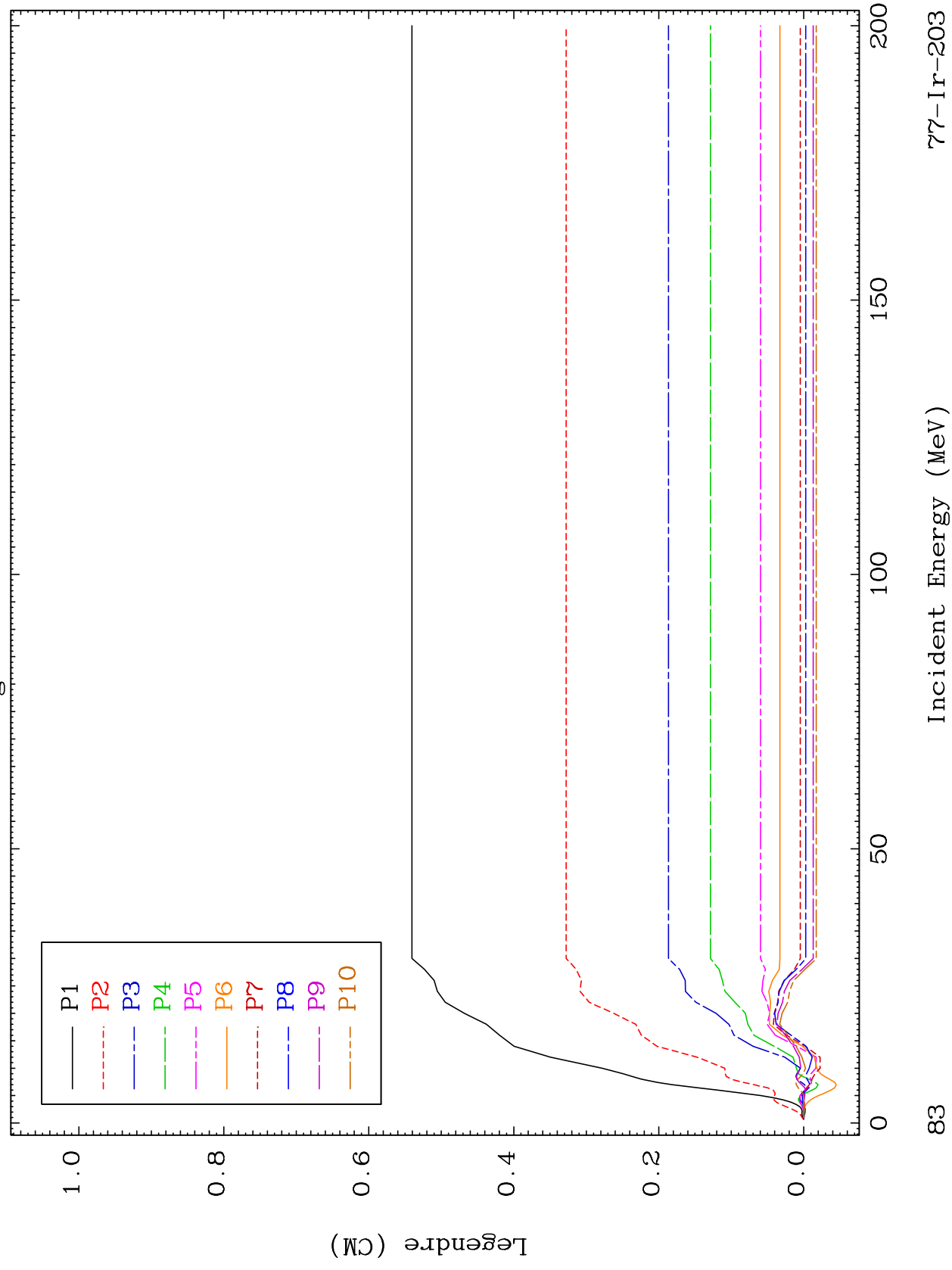


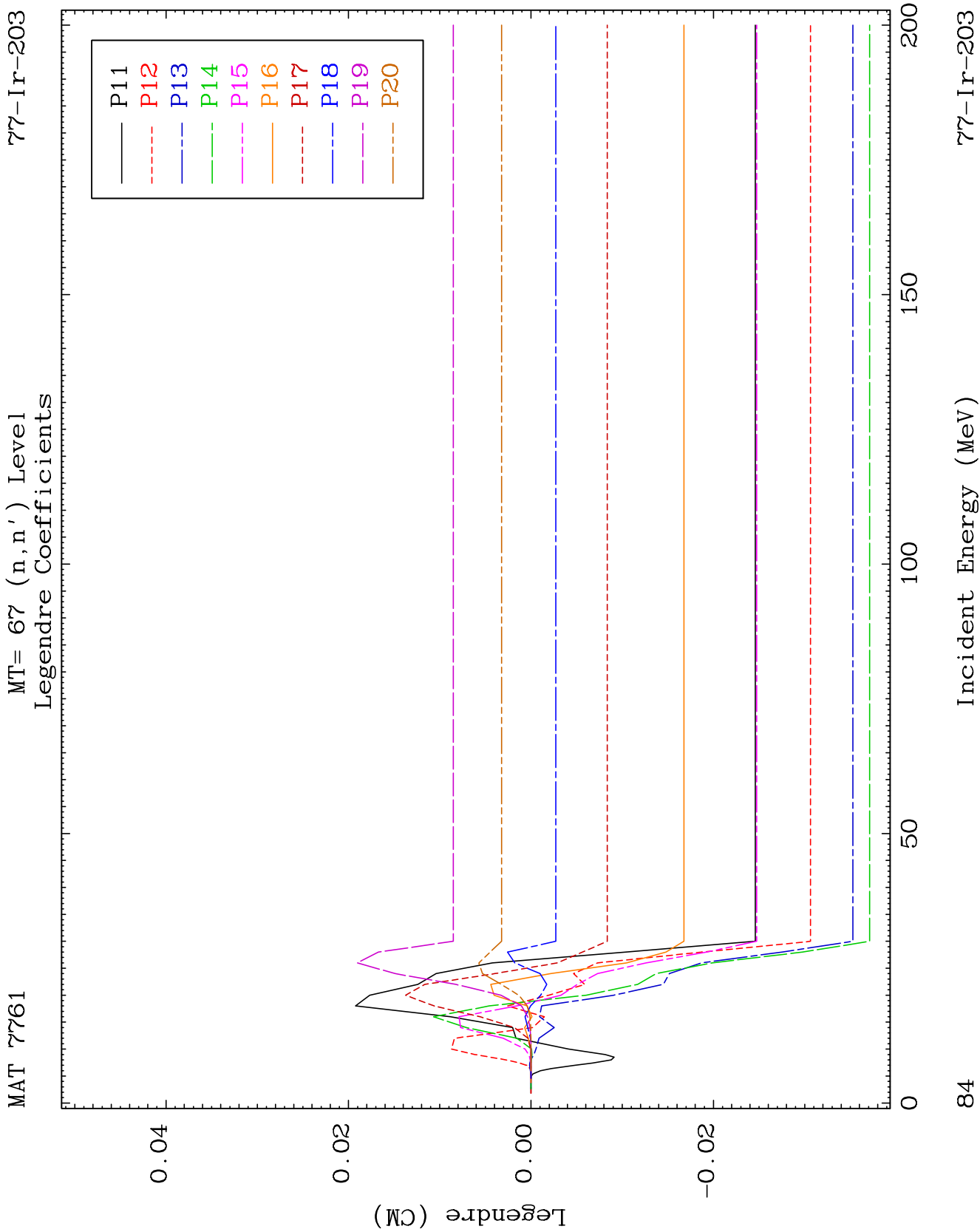


MAT 7761

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

77-Ir-203

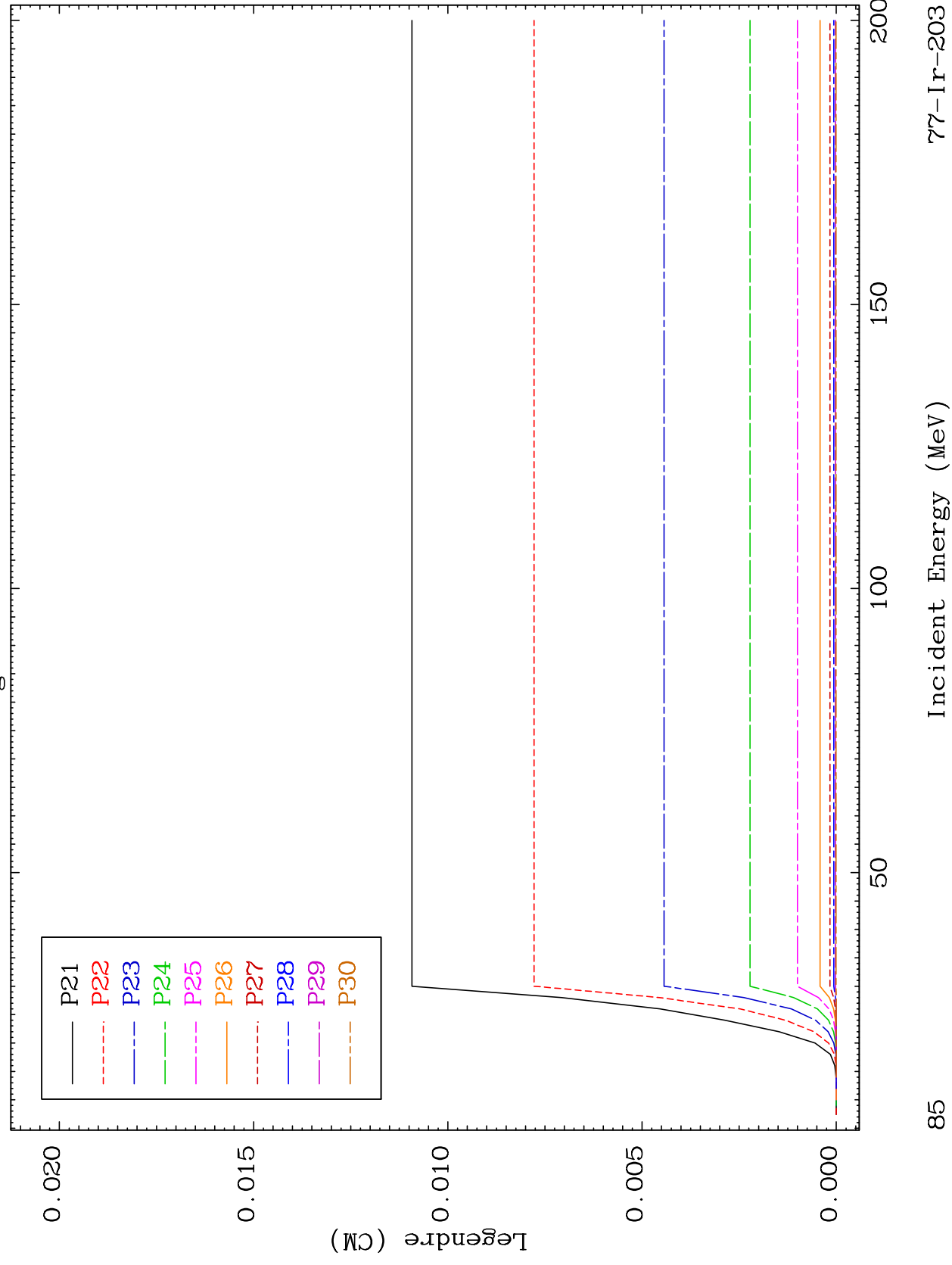


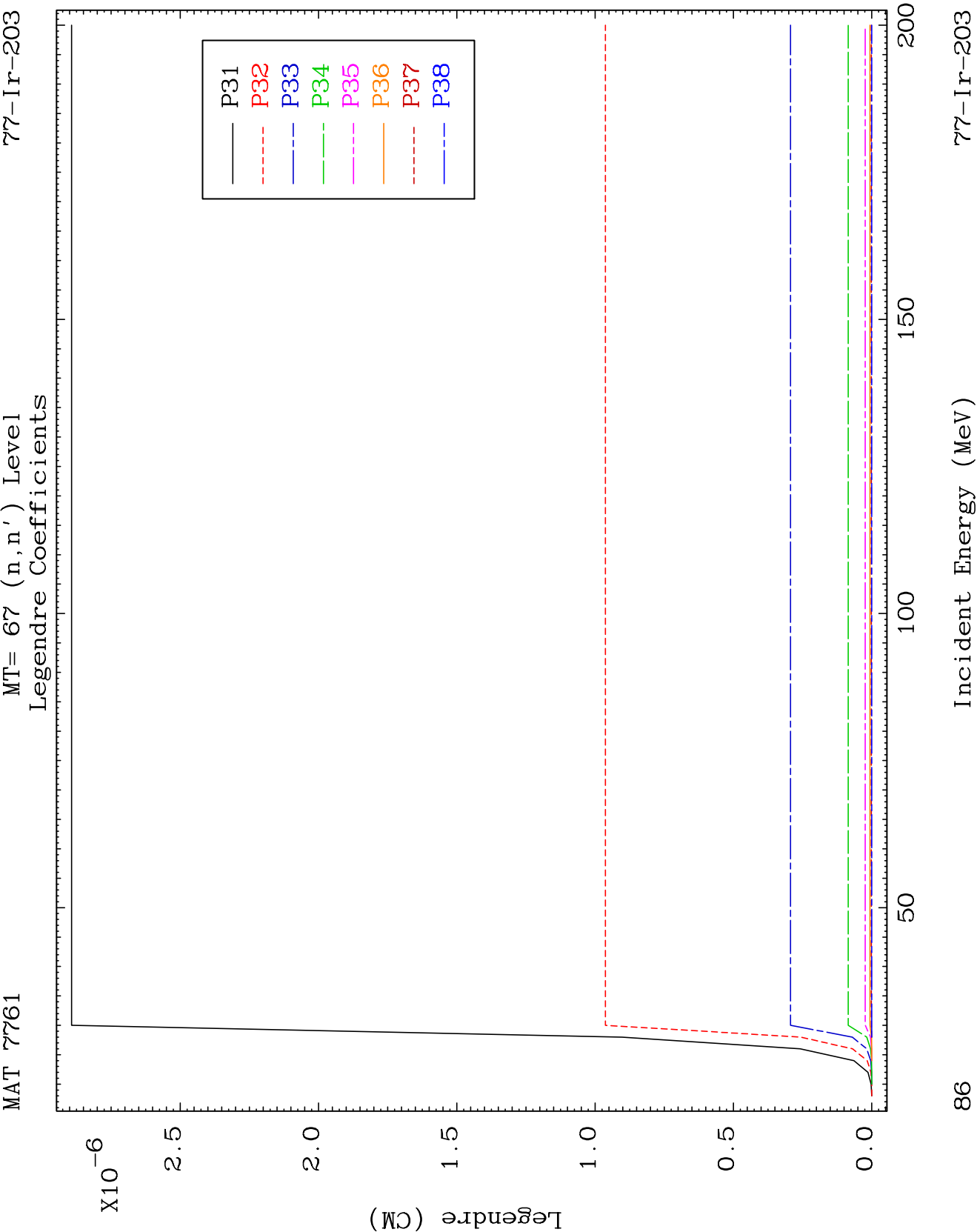


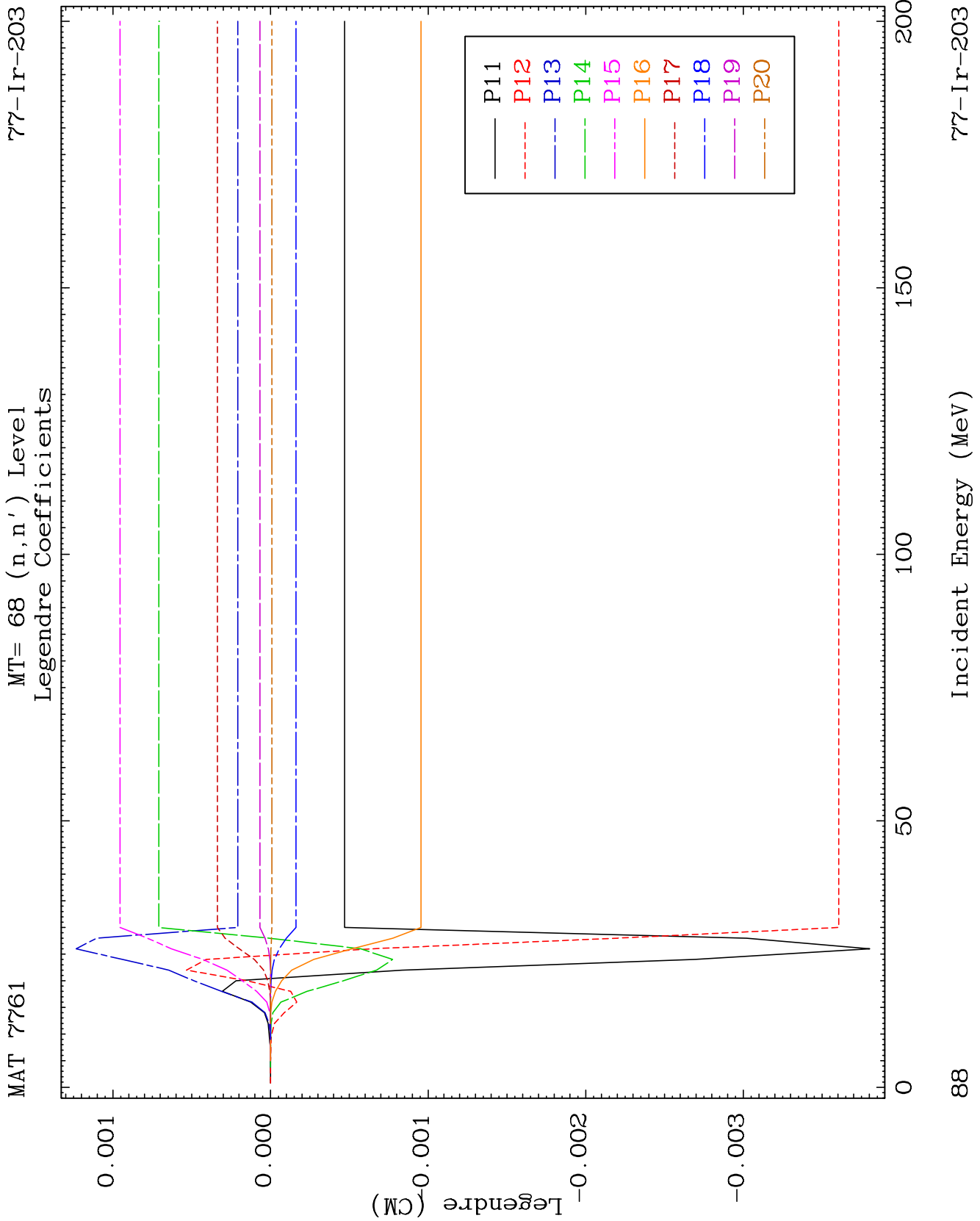
MAT 7761

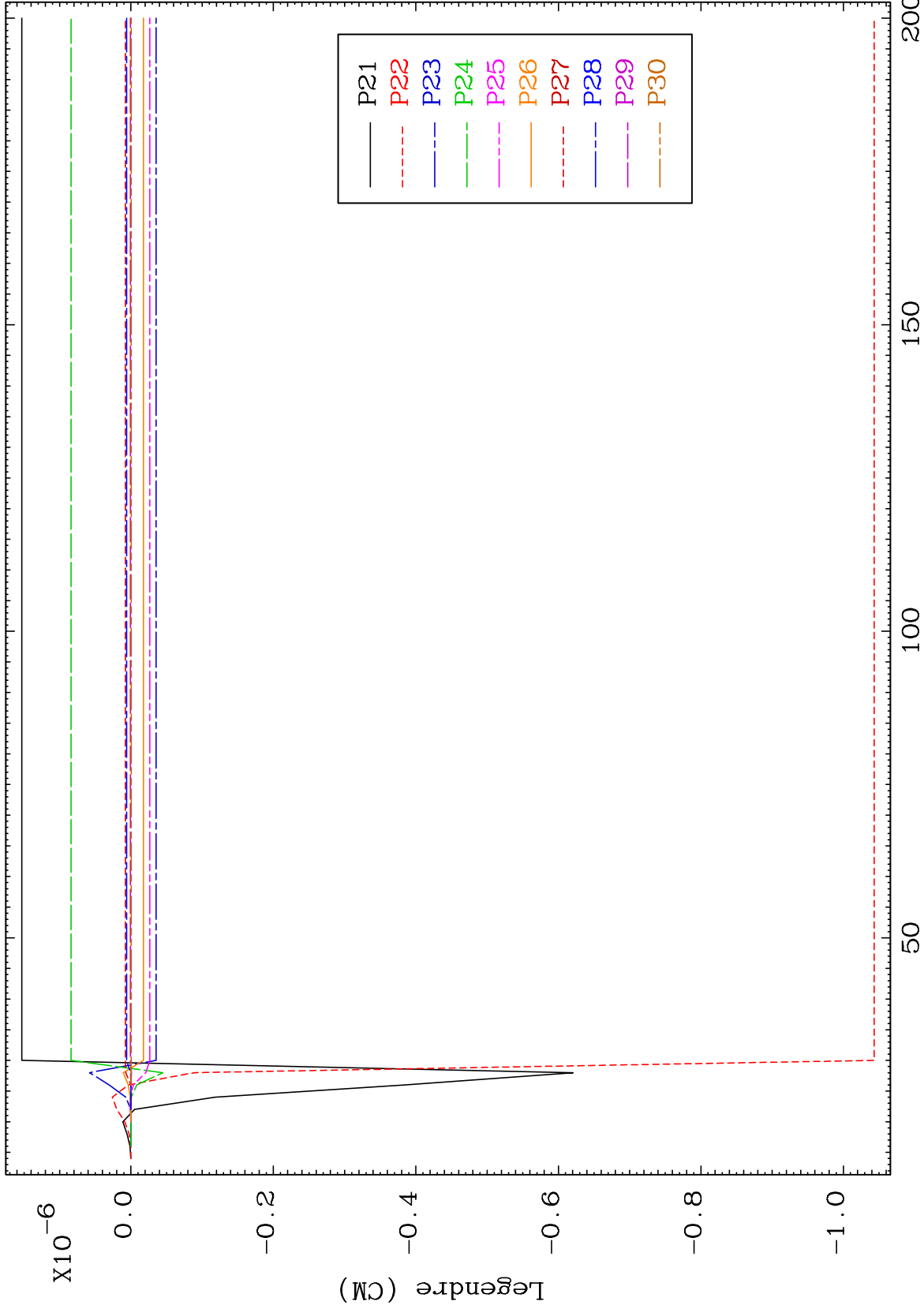
MT= 67 (n, n') Level
Legendre Coefficients

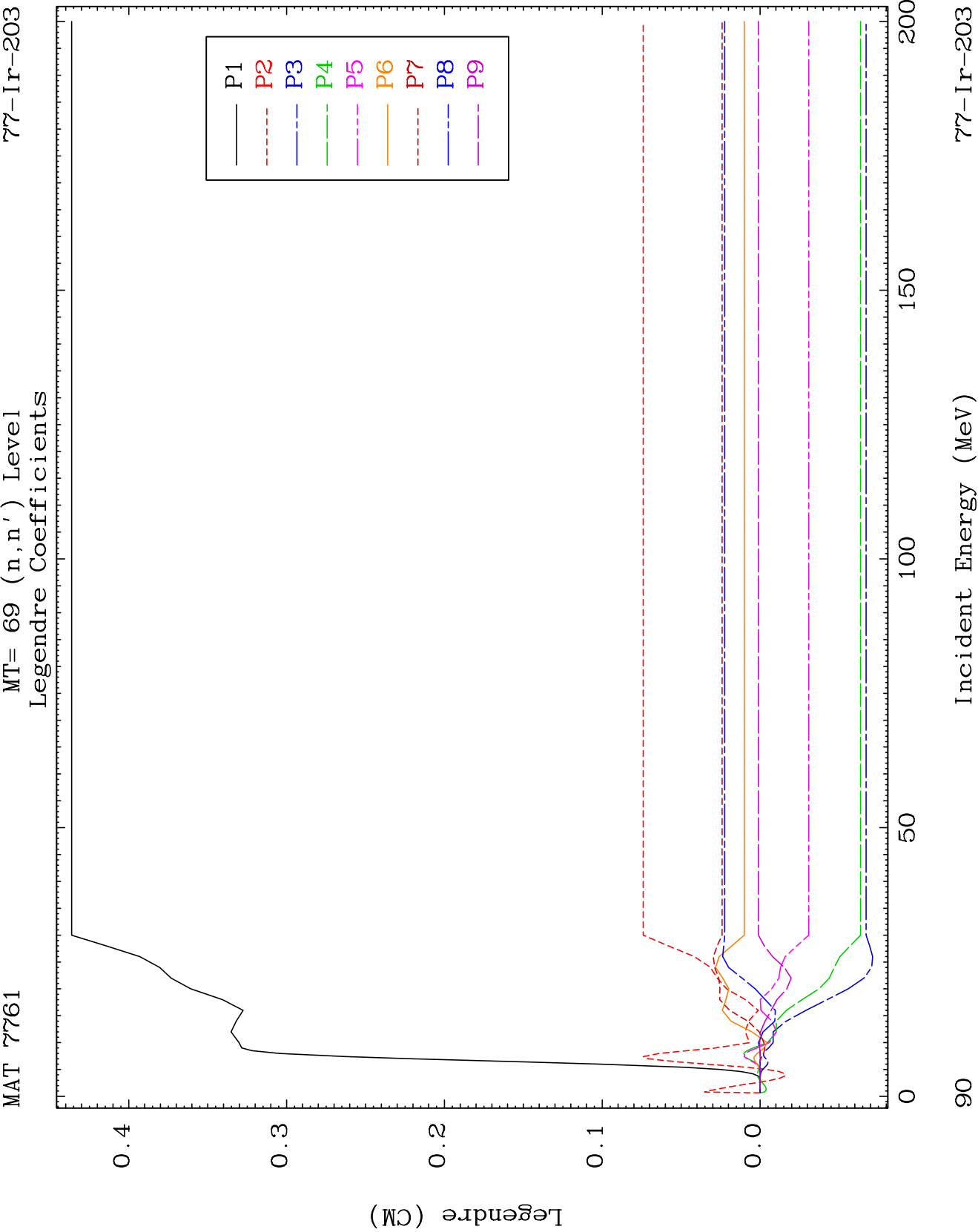
77-1r-203

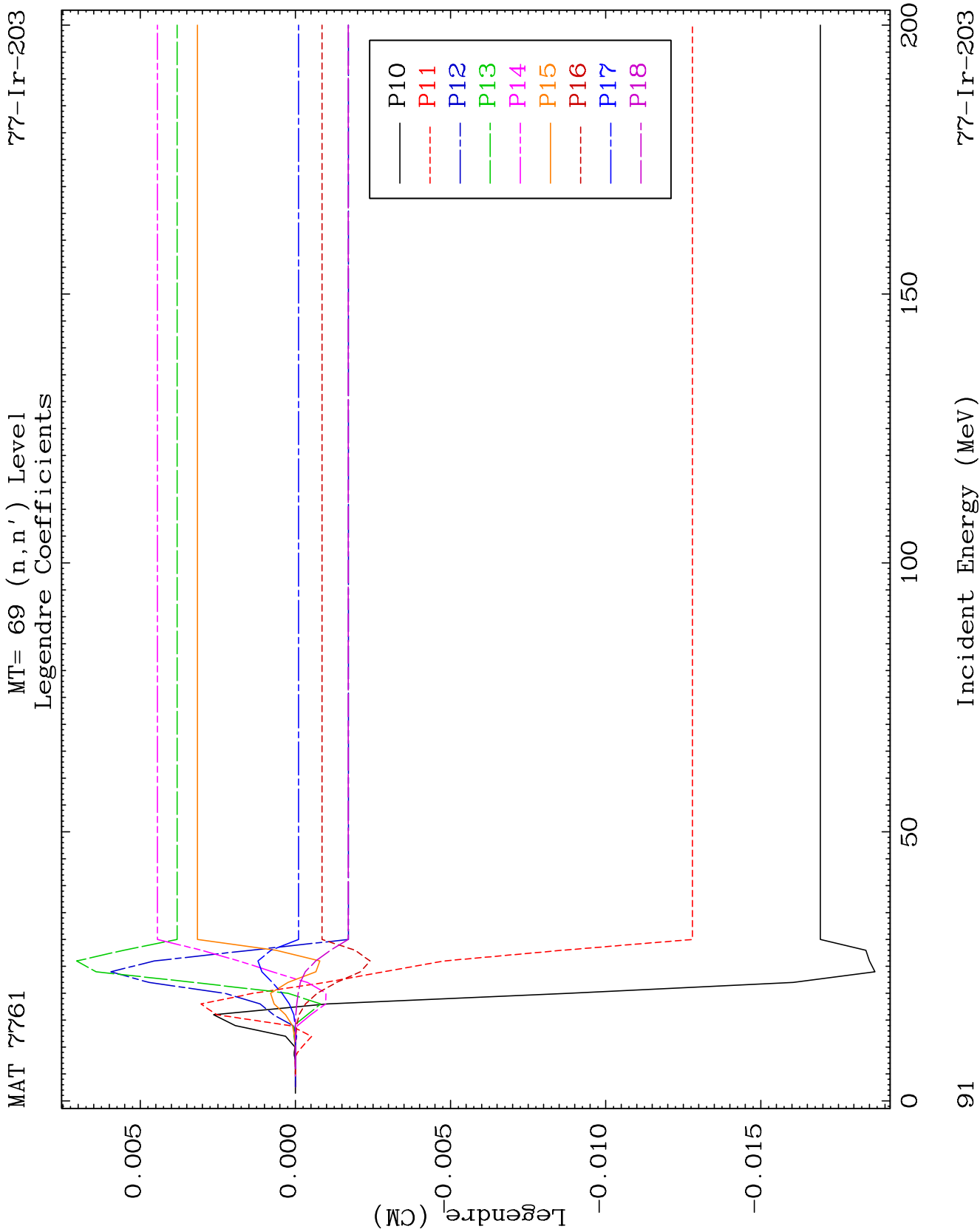








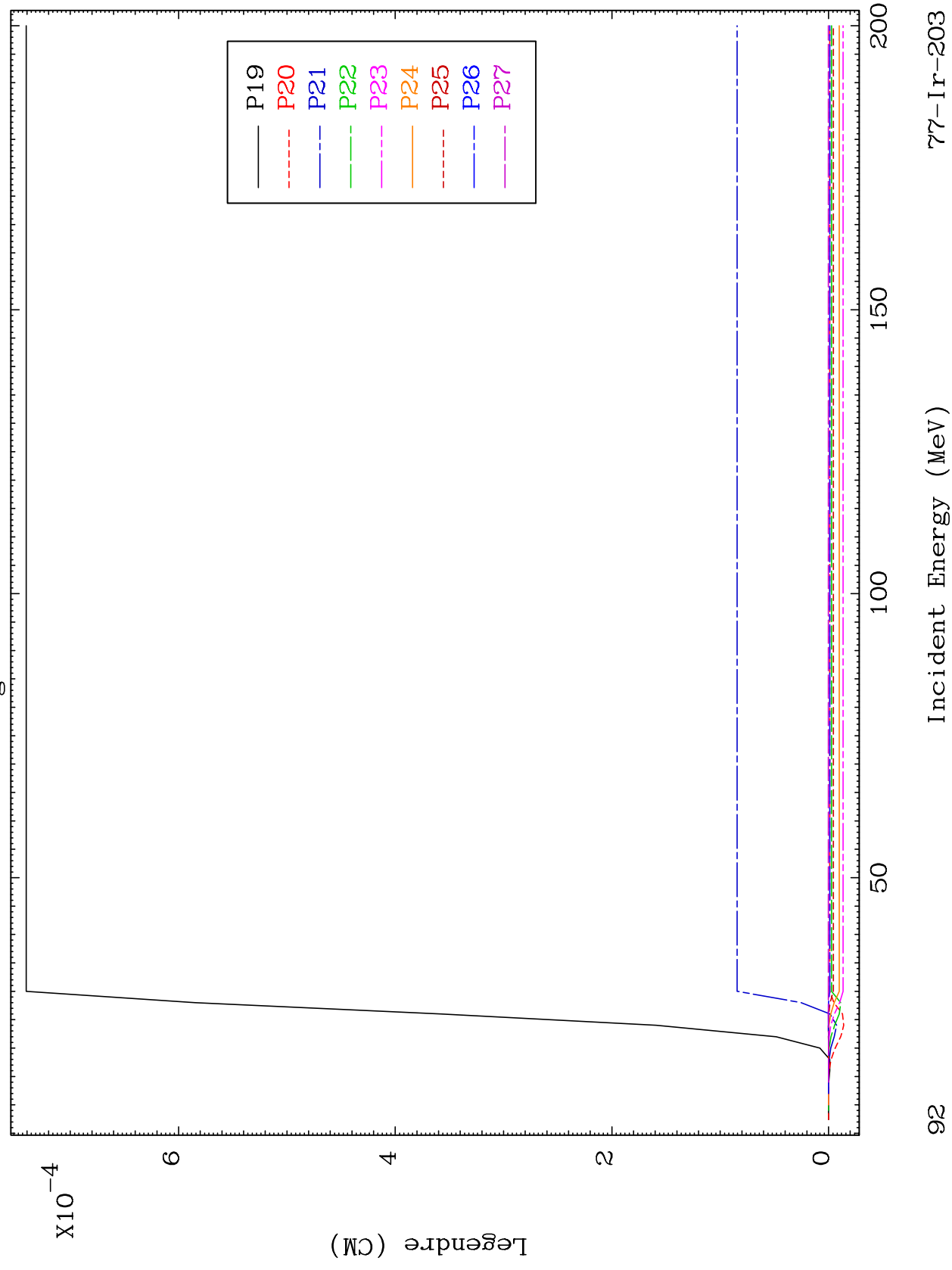


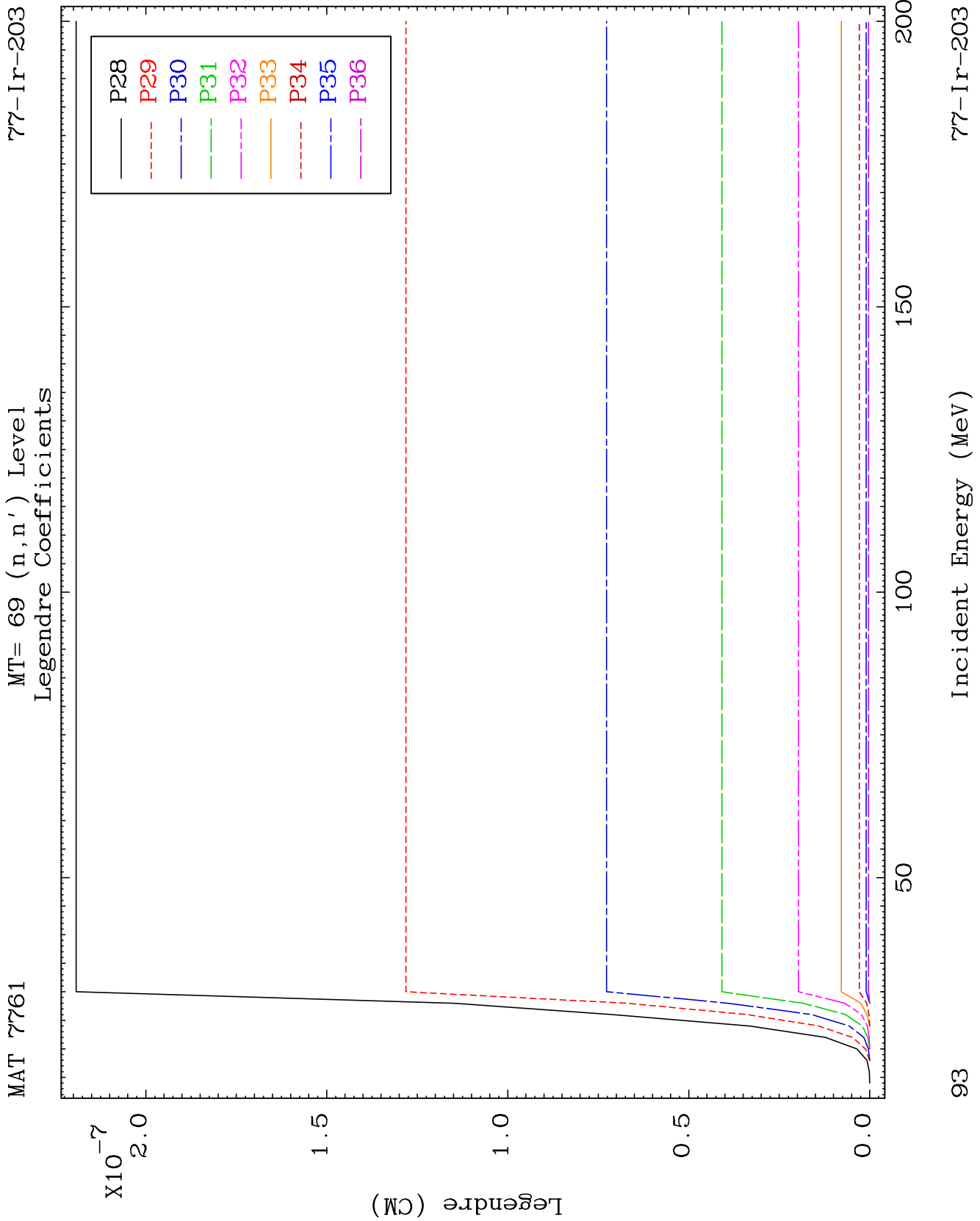


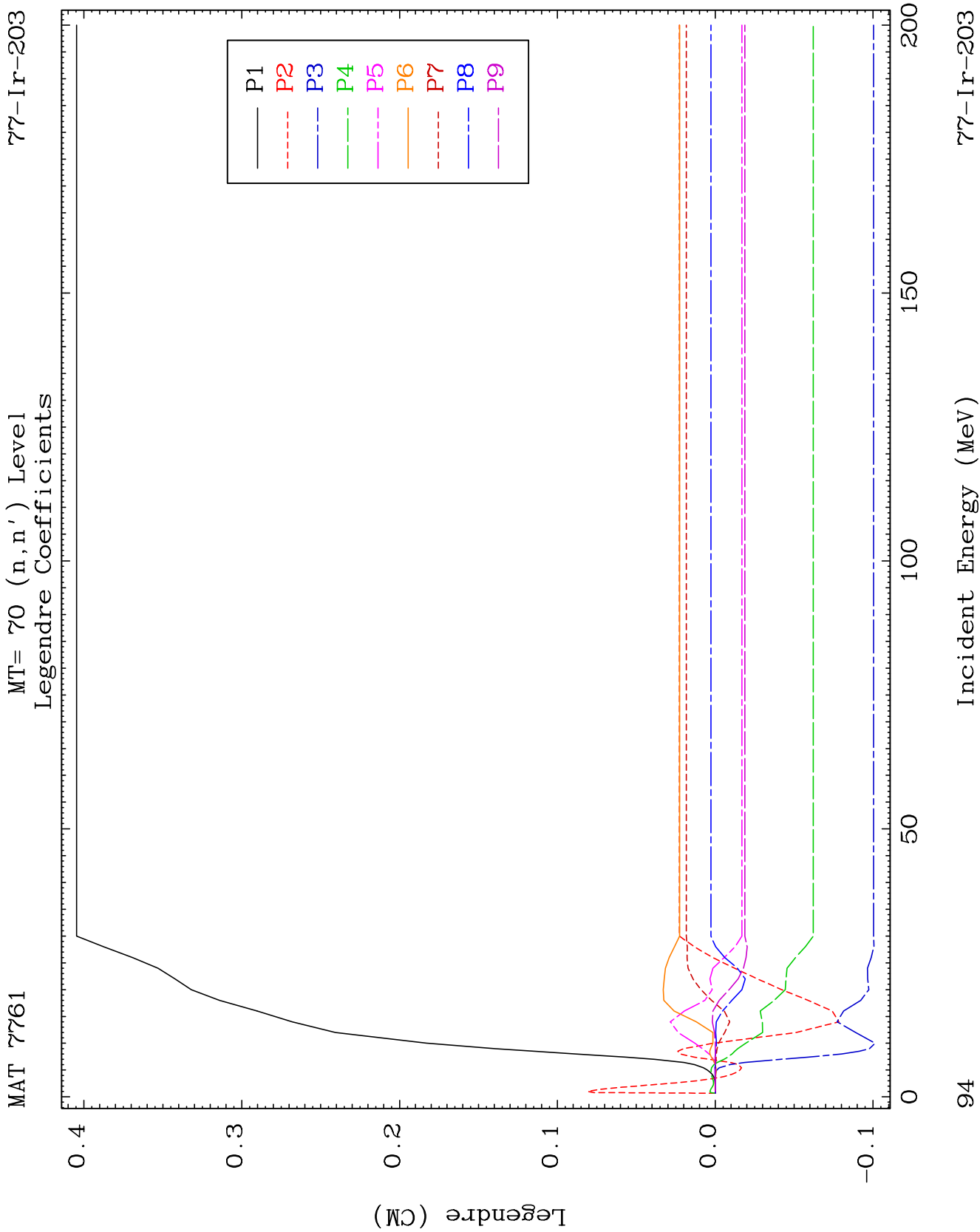
MAT 7761

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

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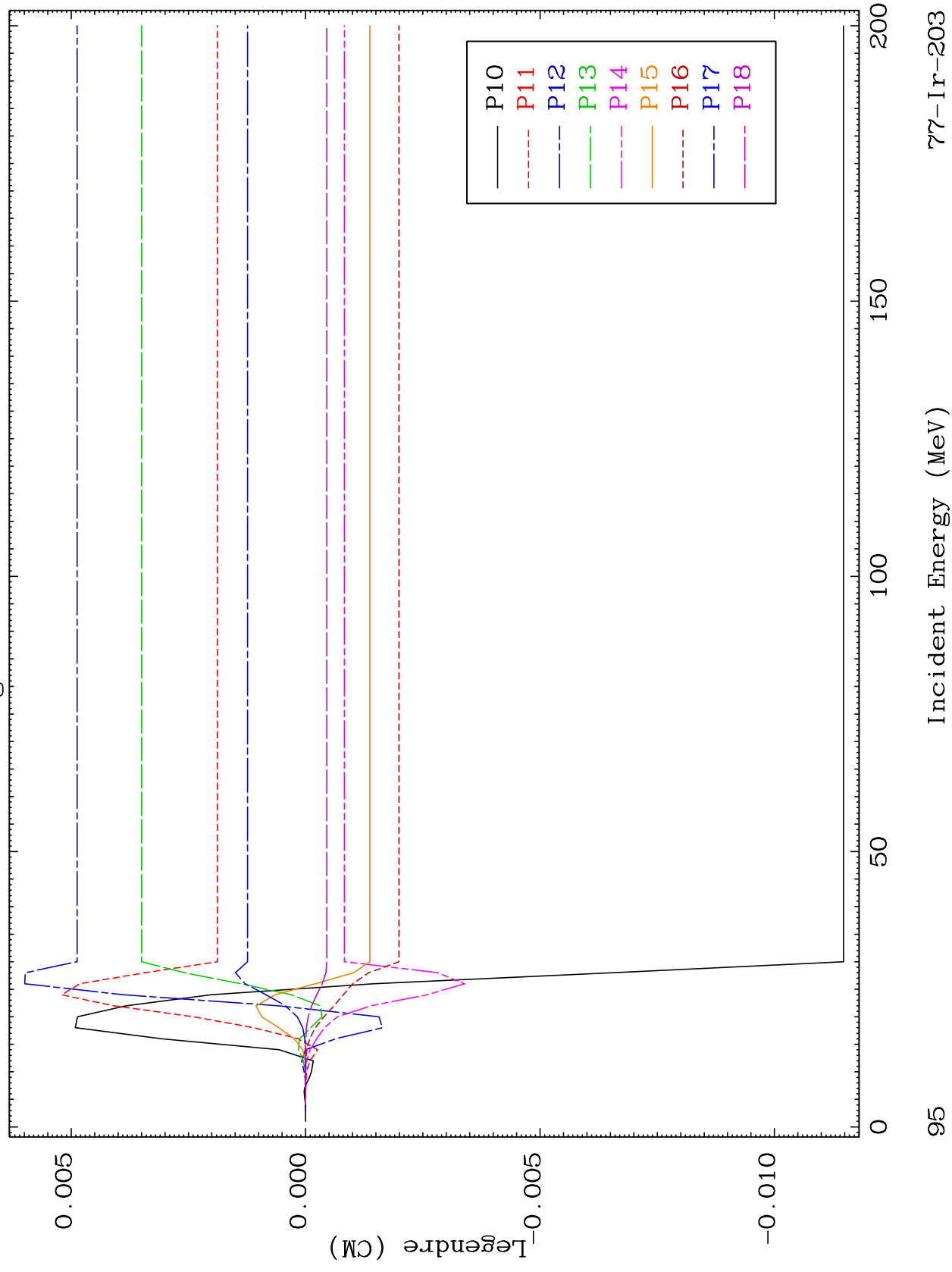


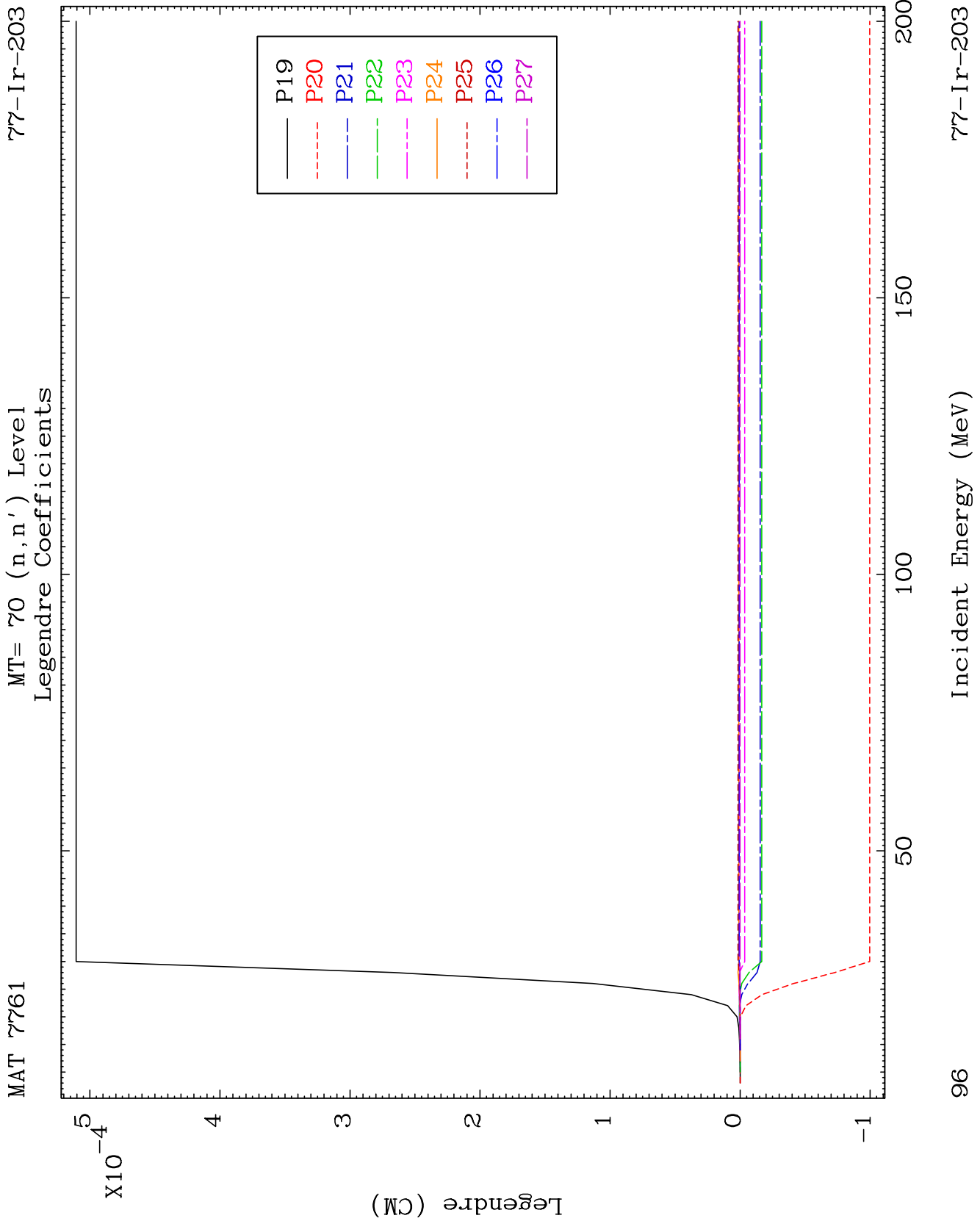


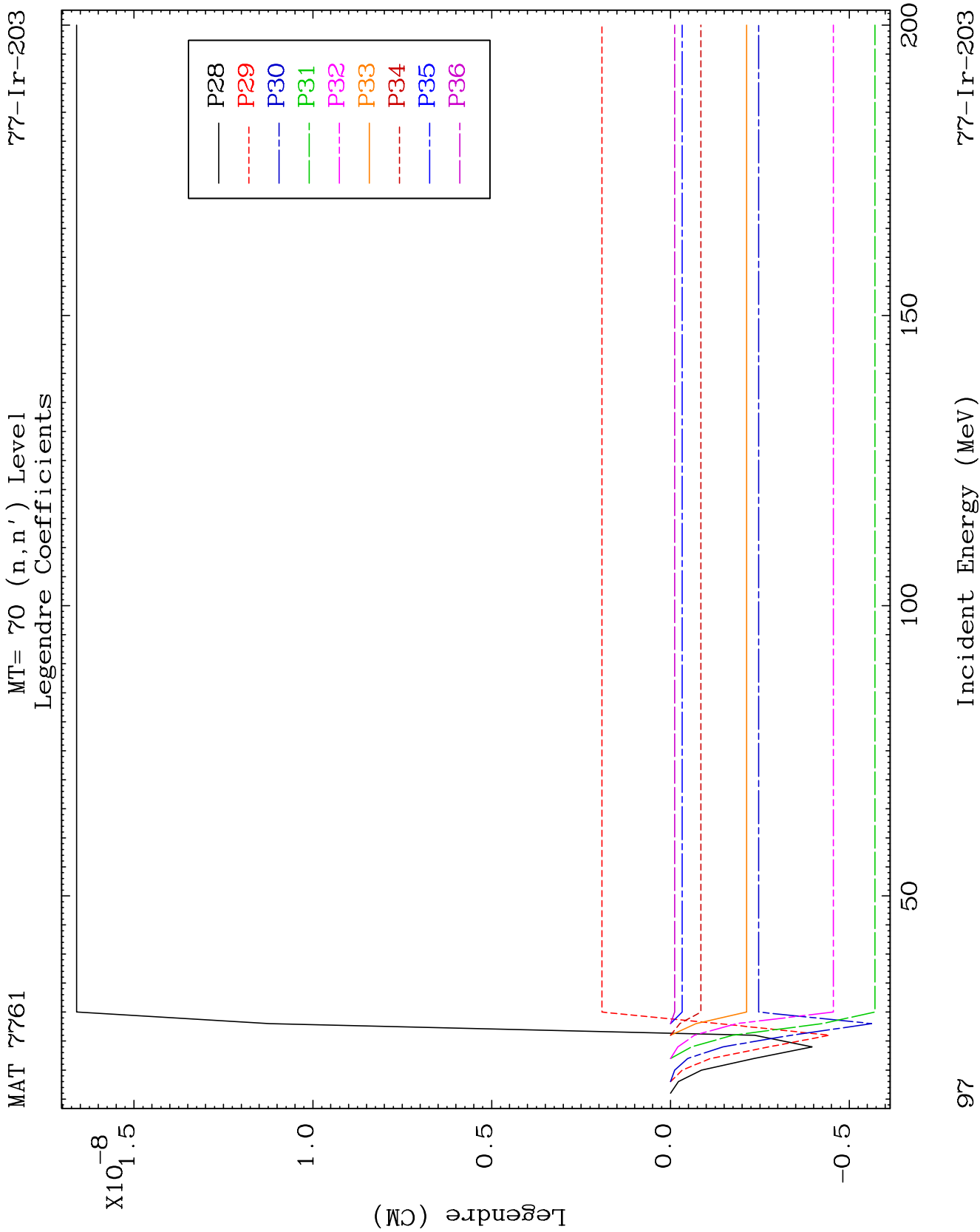
MAT 7761

77-1r-203

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



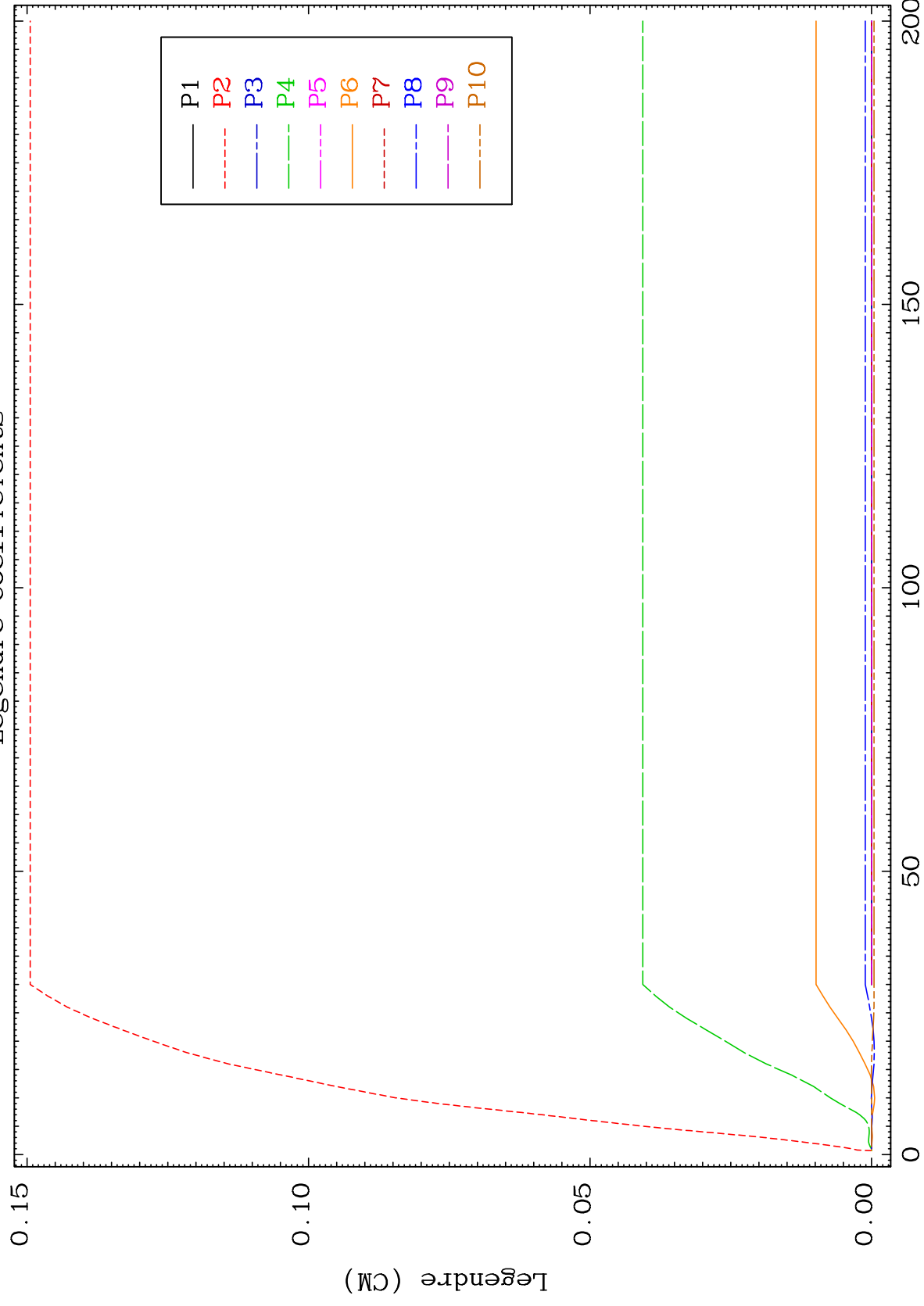




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MT= 71 (n, n') Level
Legendre Coefficients

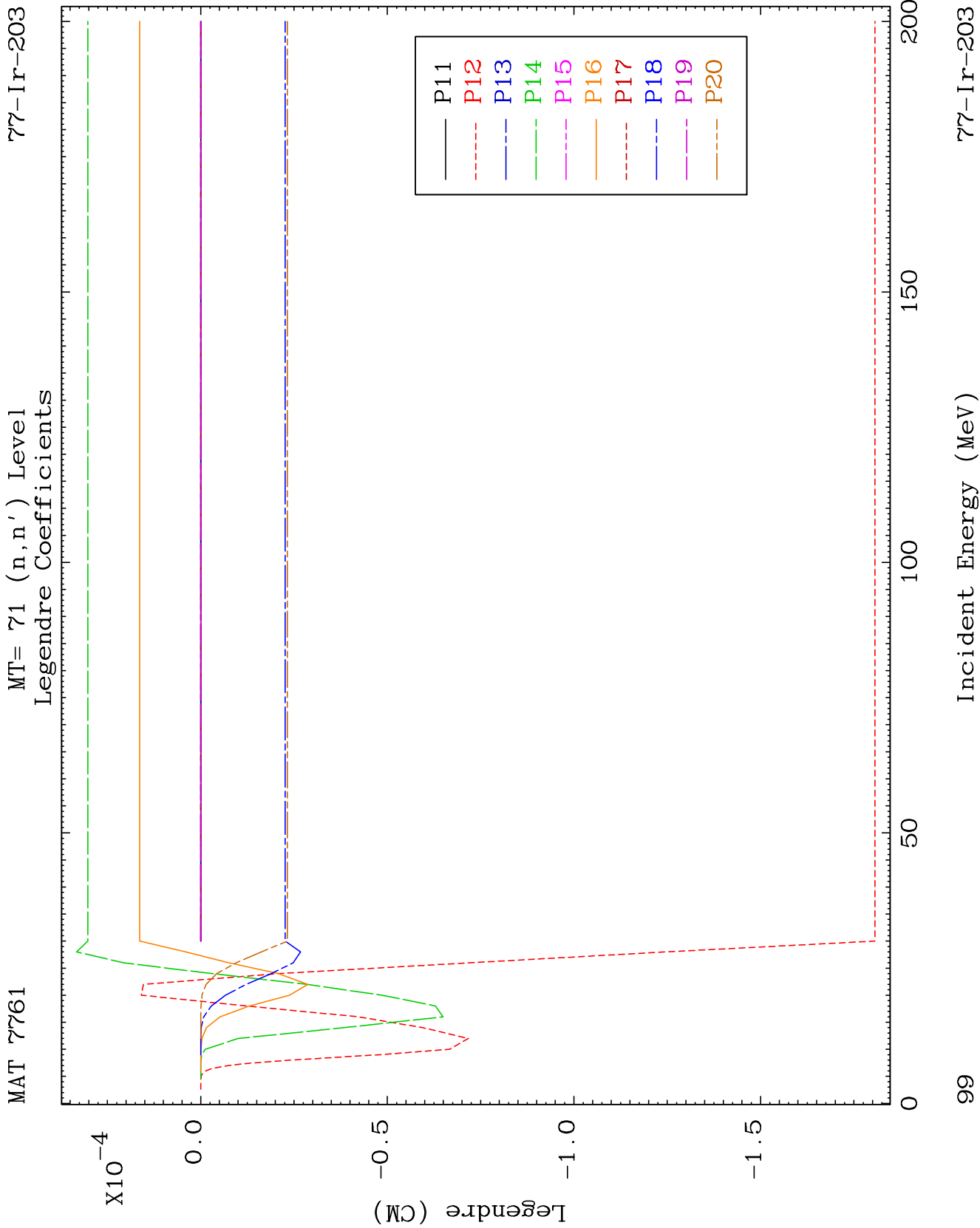
77-1r-203

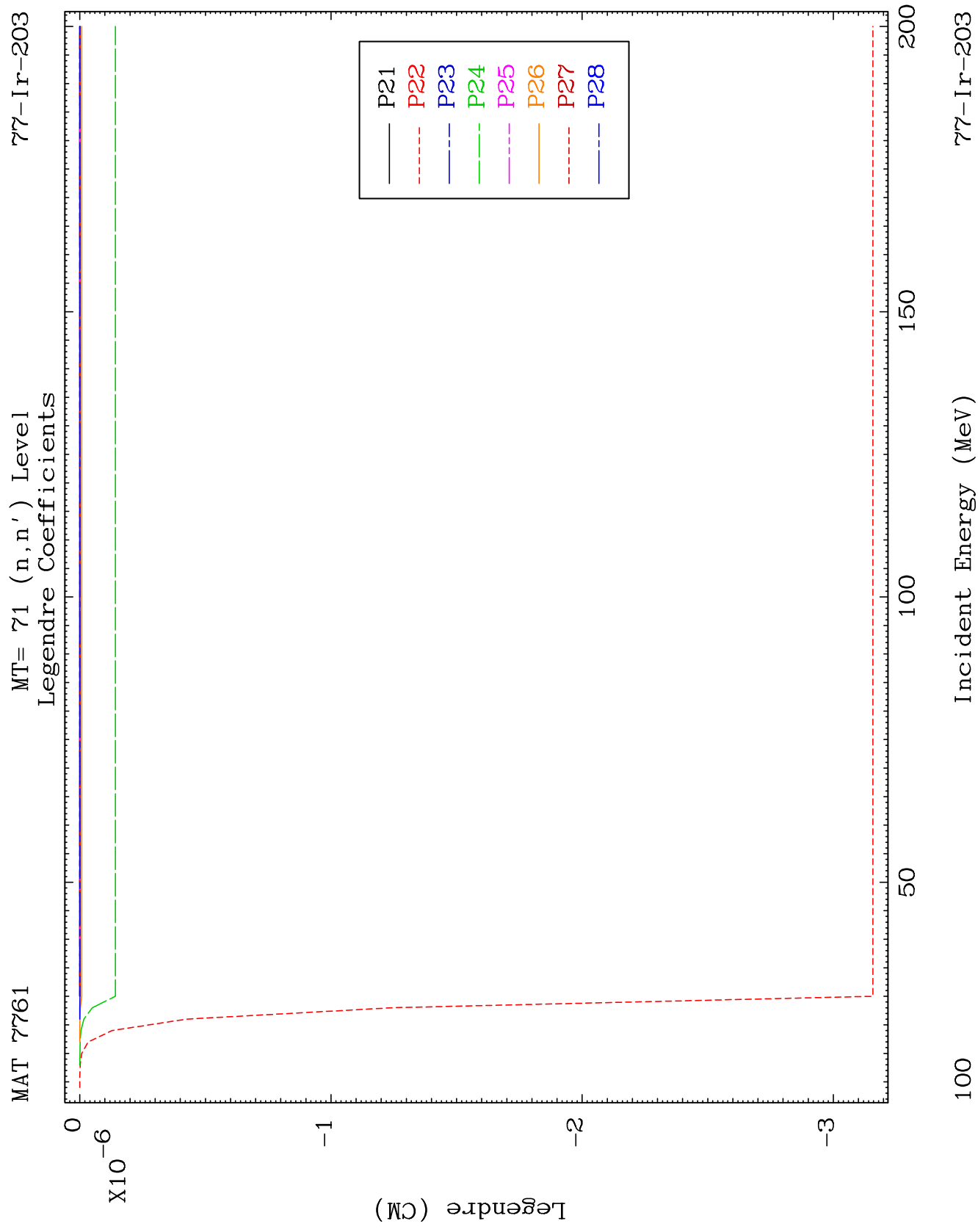


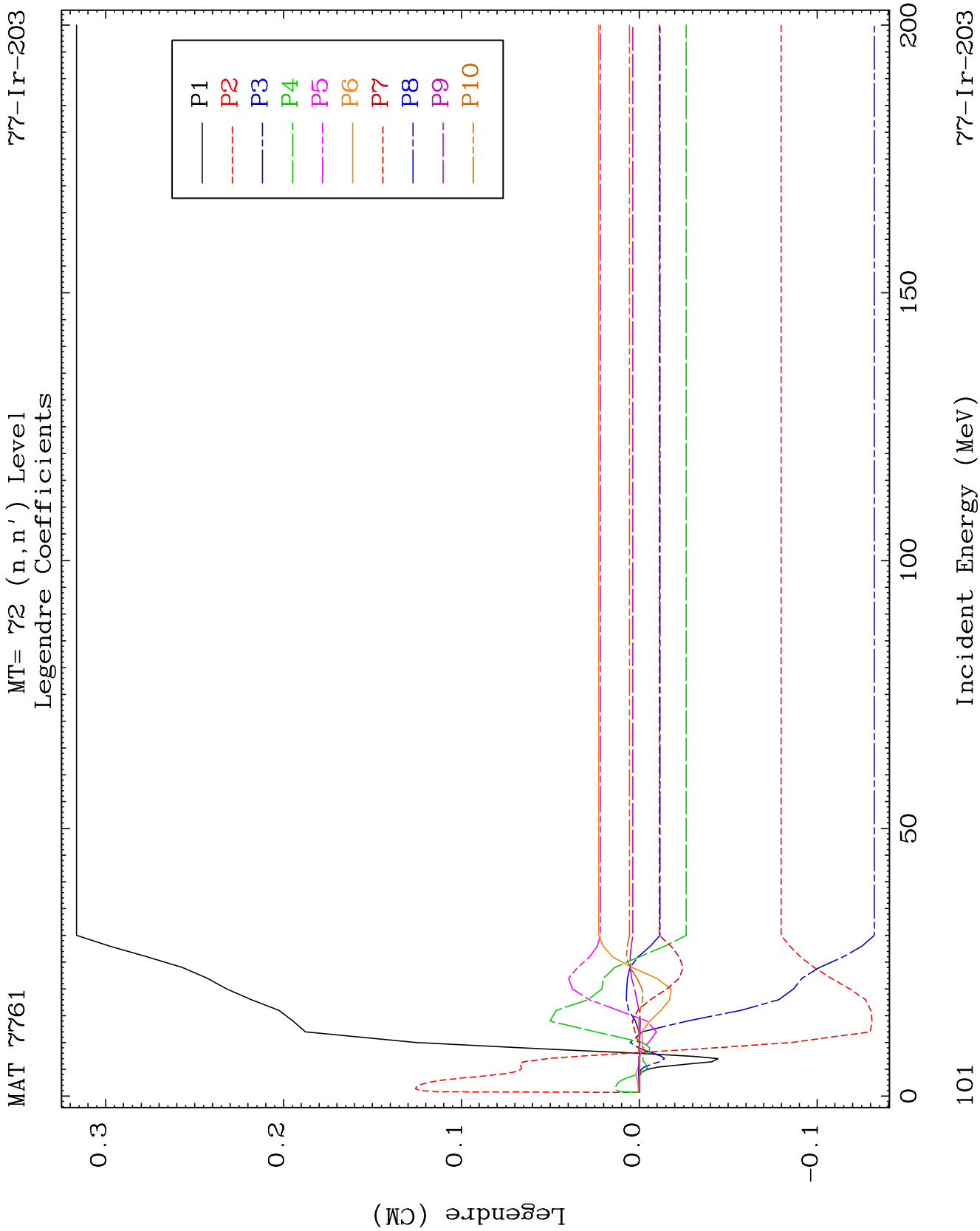
89

Incident Energy (MeV)

77-Ir-203



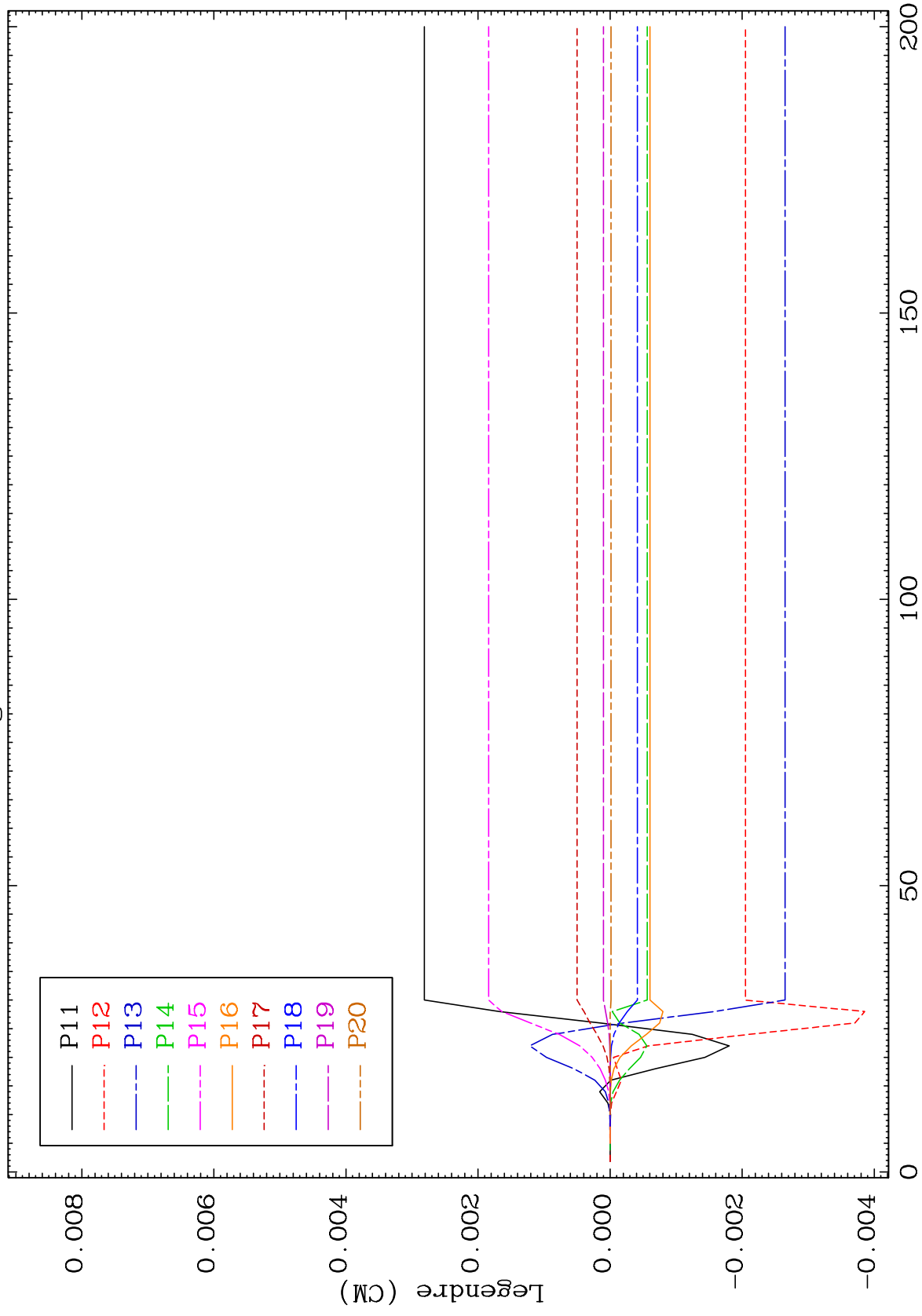




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MT= 72 (n,n') Level
Legendre Coefficients

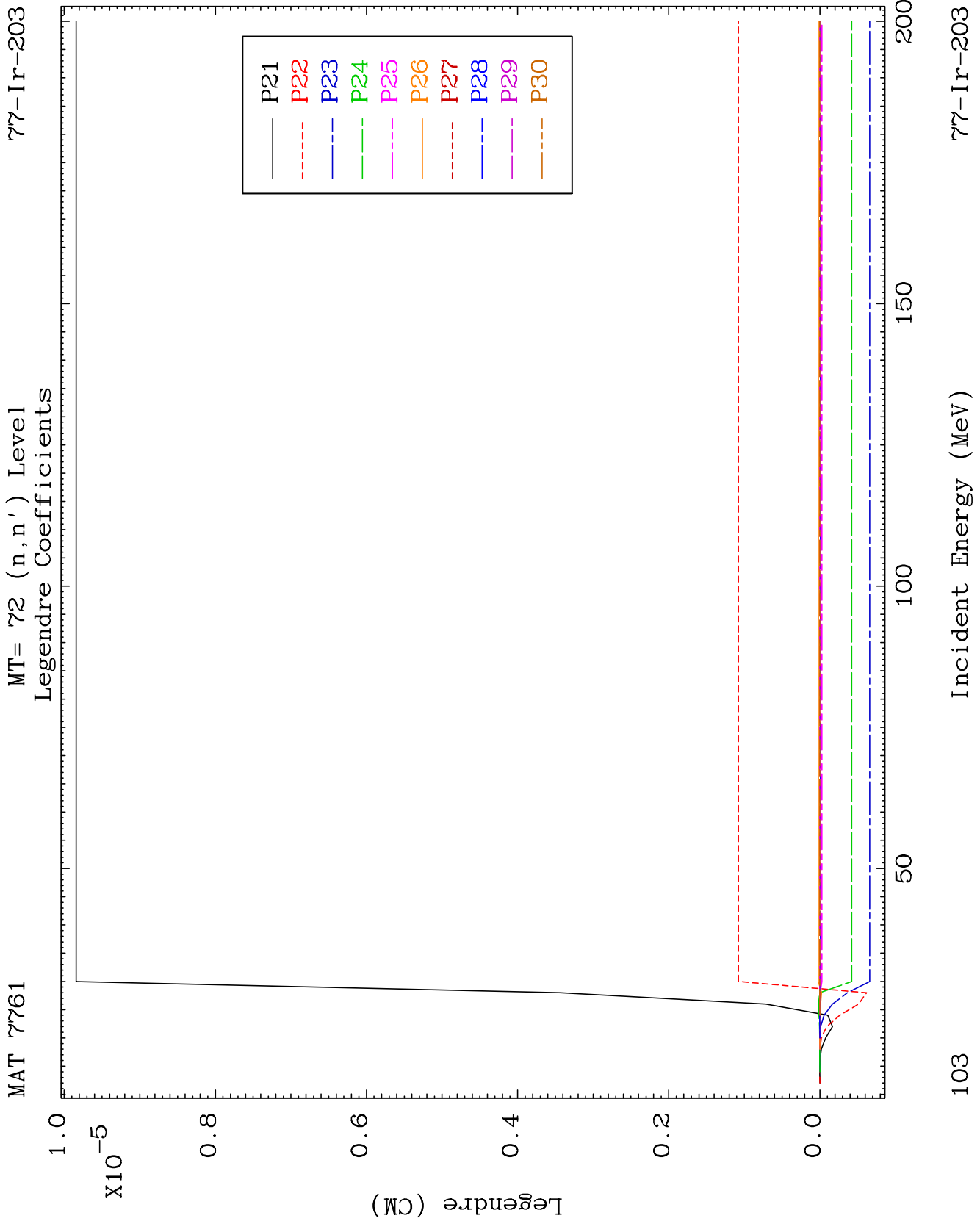
77-Ir-203

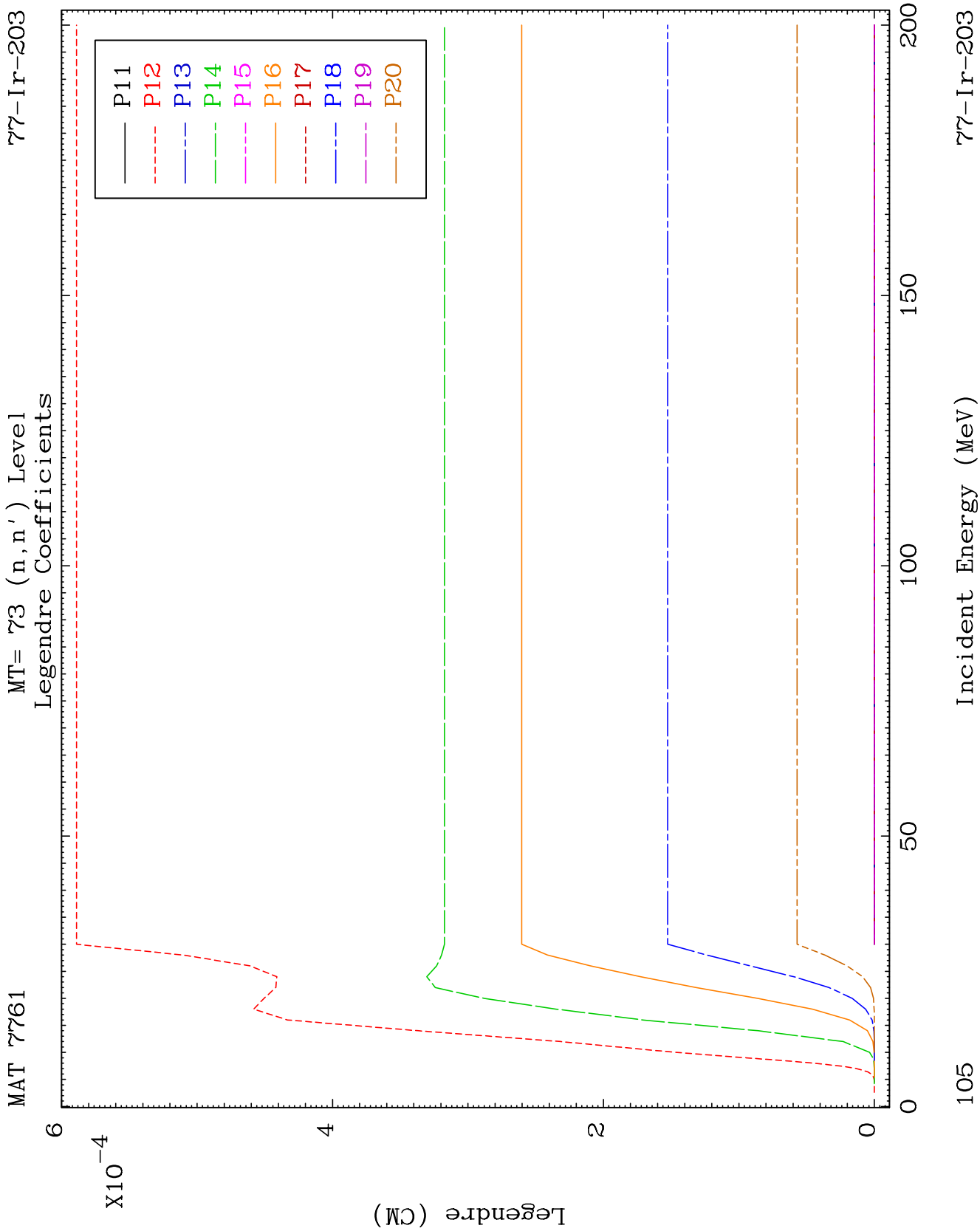


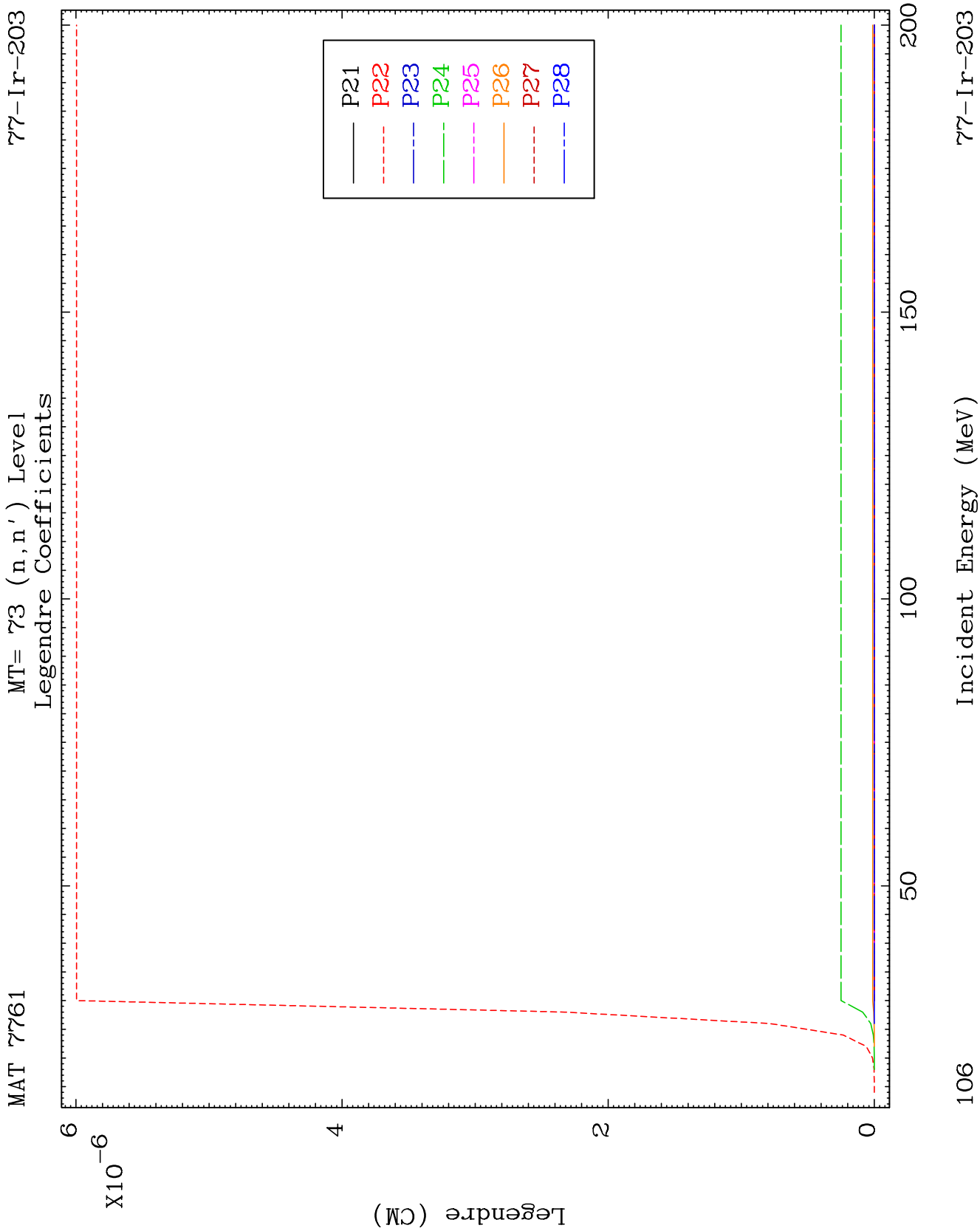
102

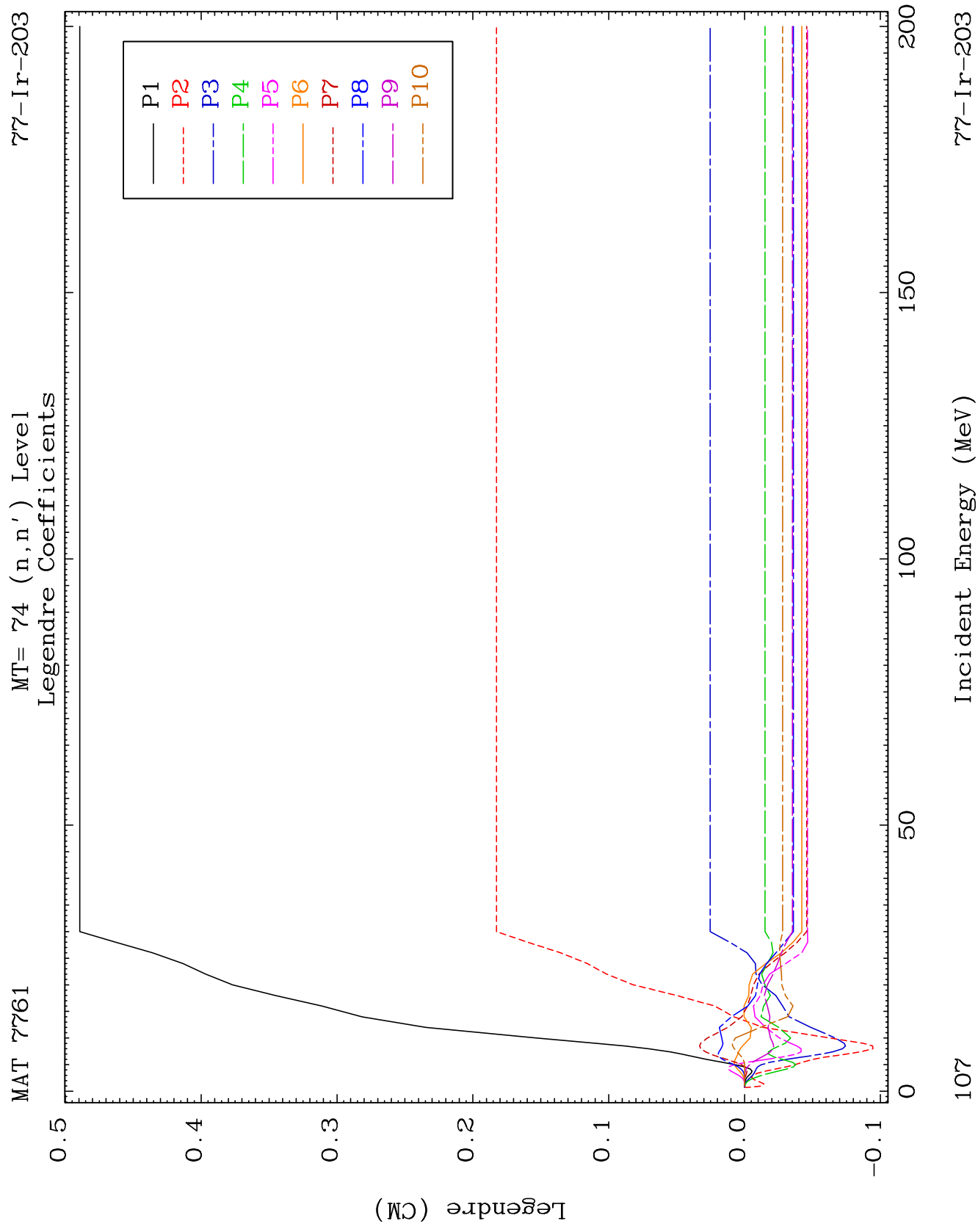
Incident Energy (MeV)

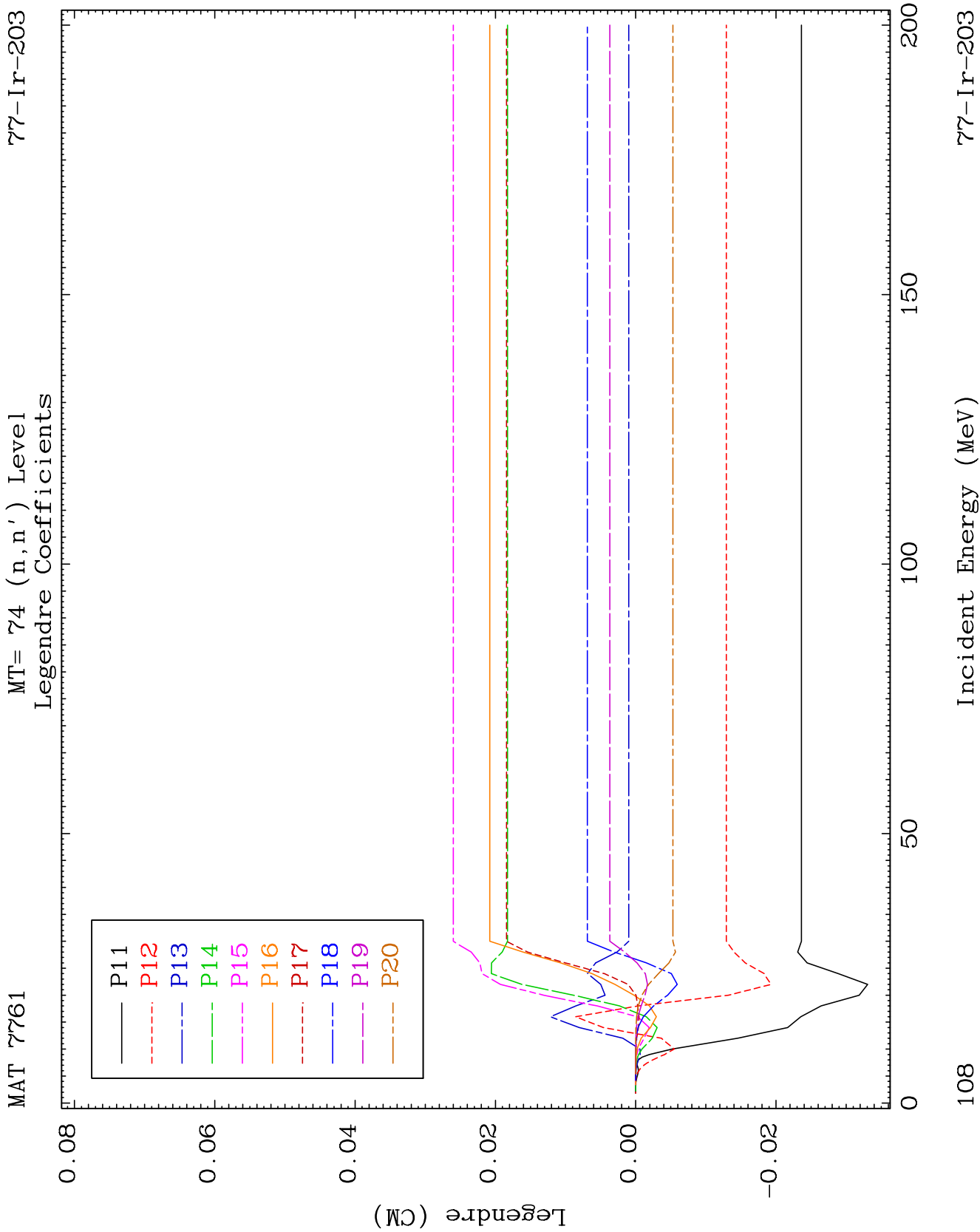
77-Ir-203

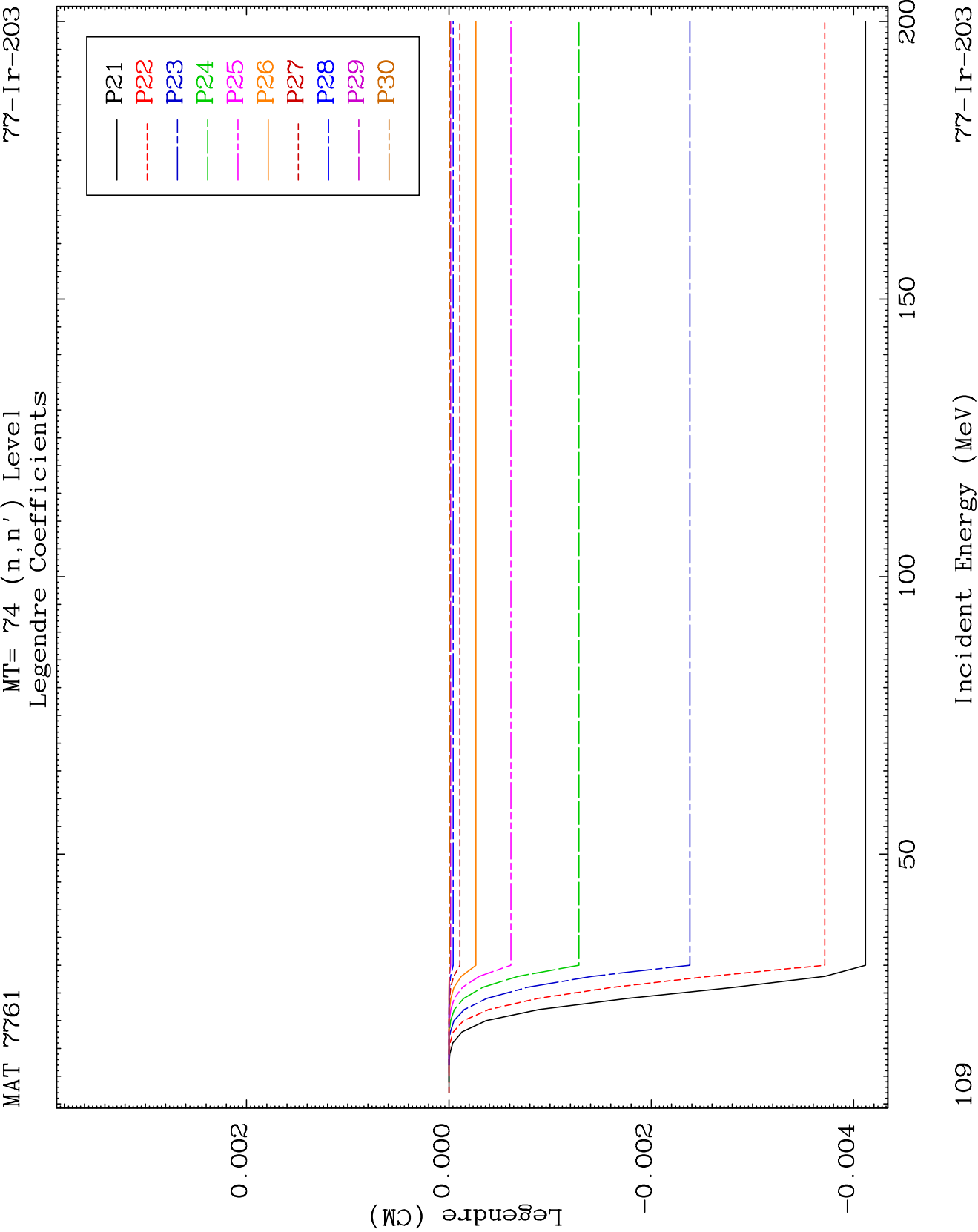










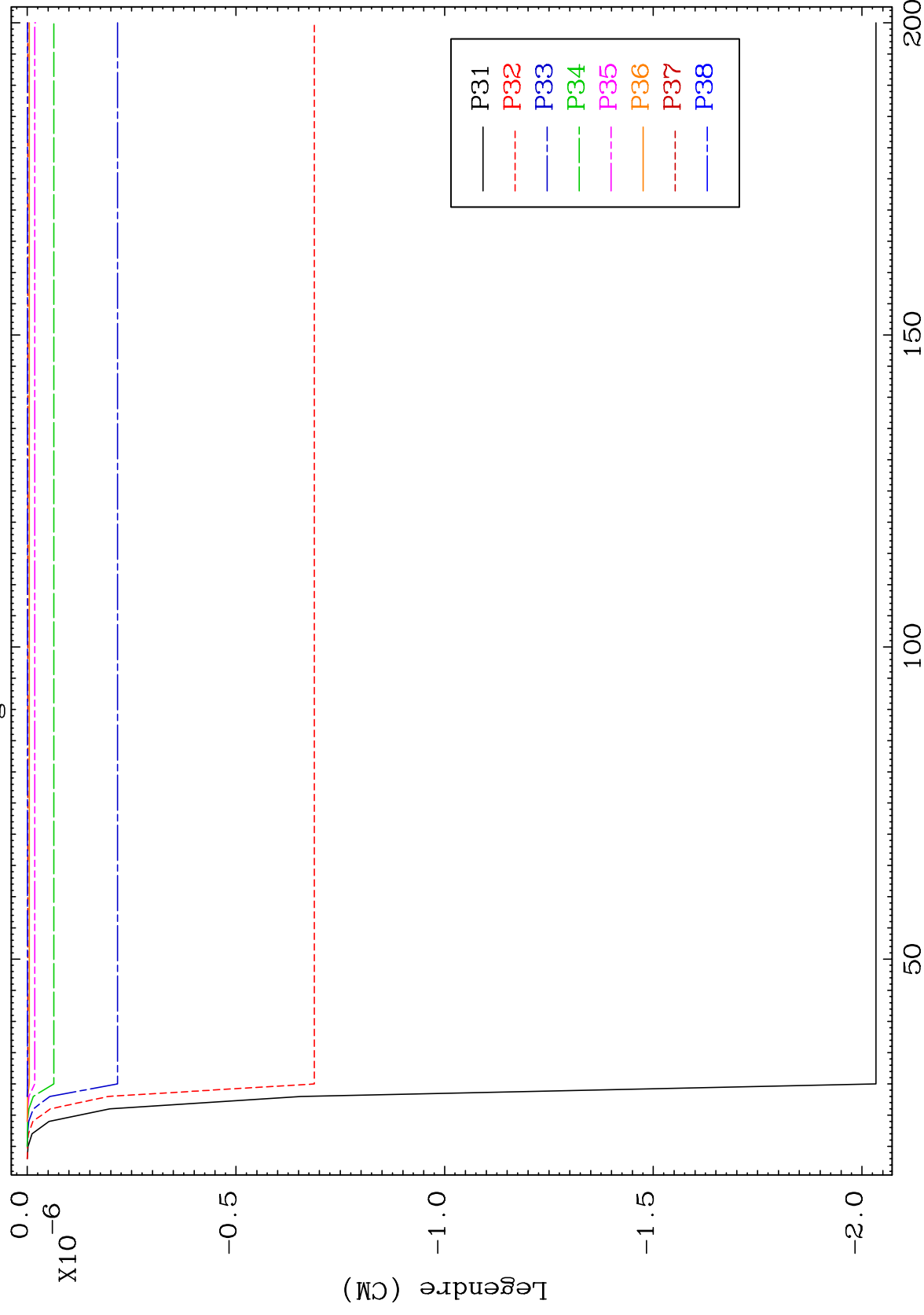


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MT=74 (n,n') Level

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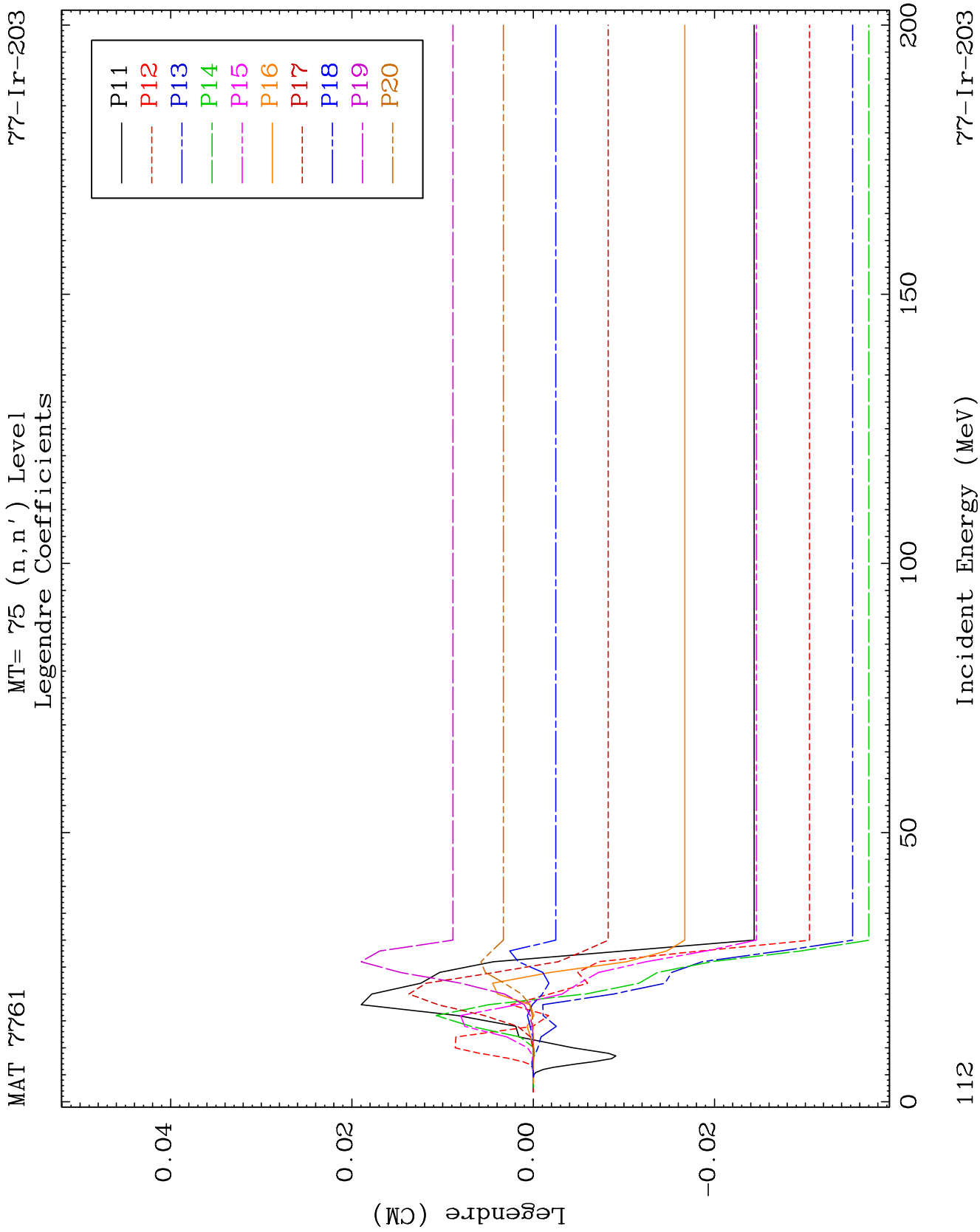
Legendre Coefficients

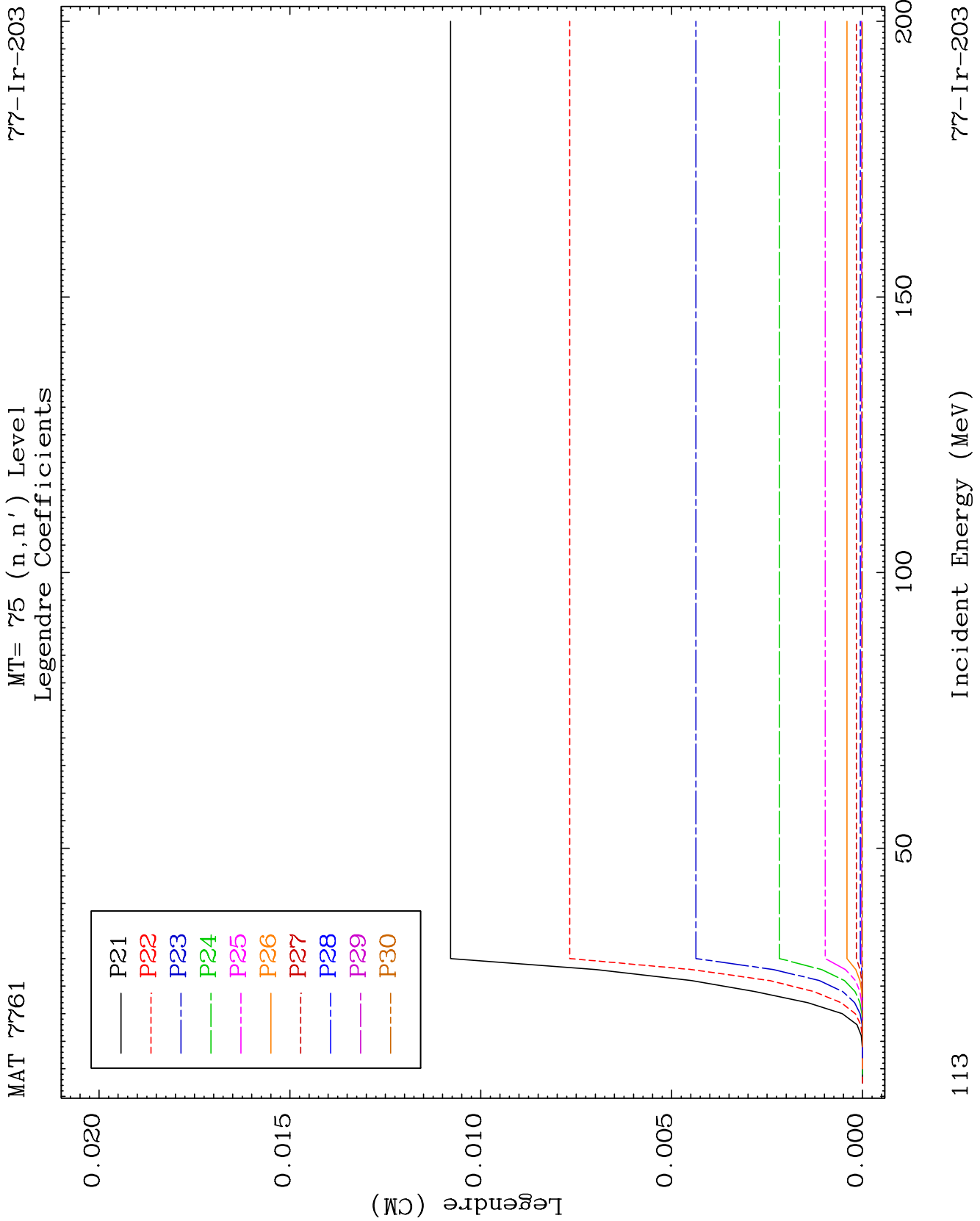


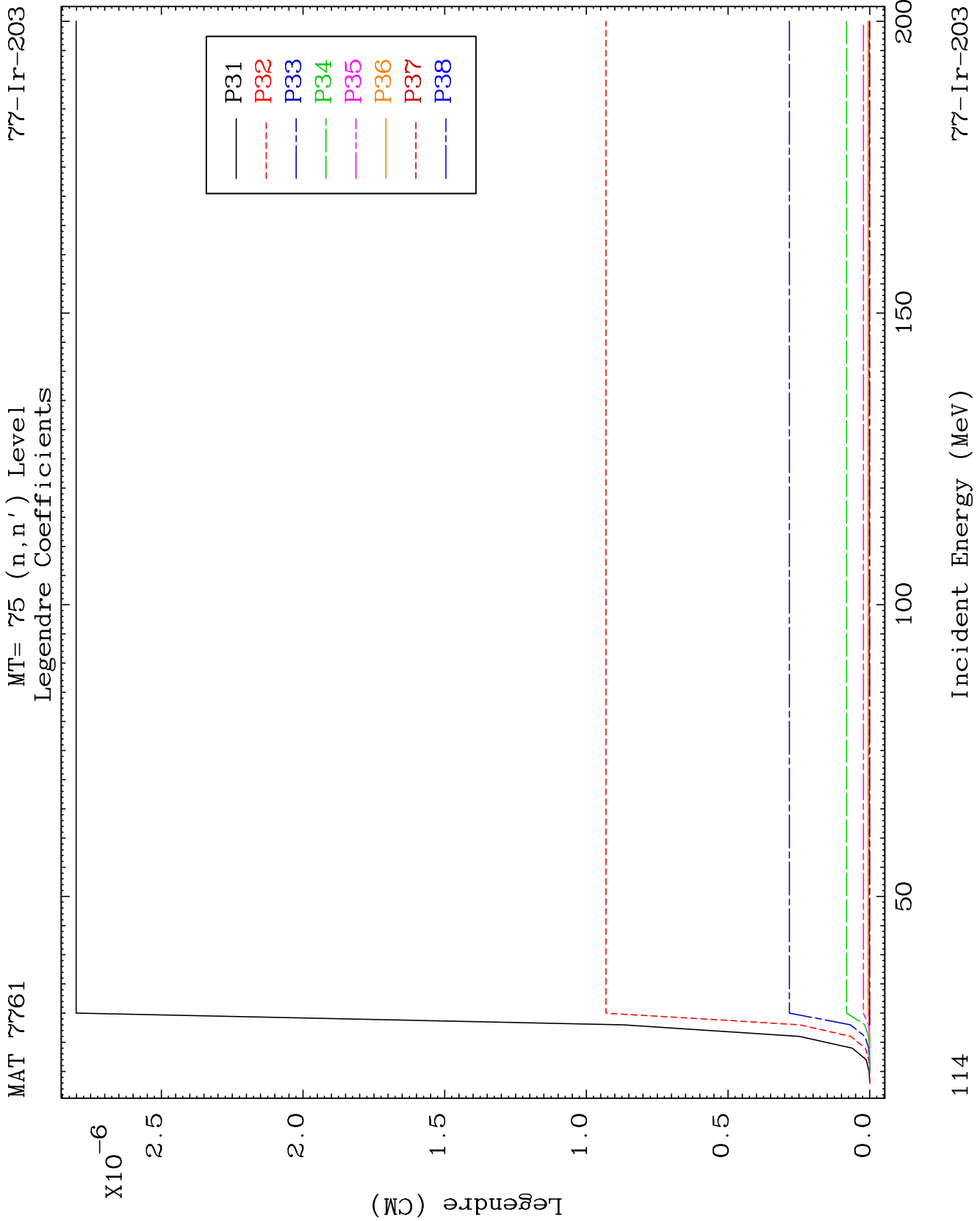
110

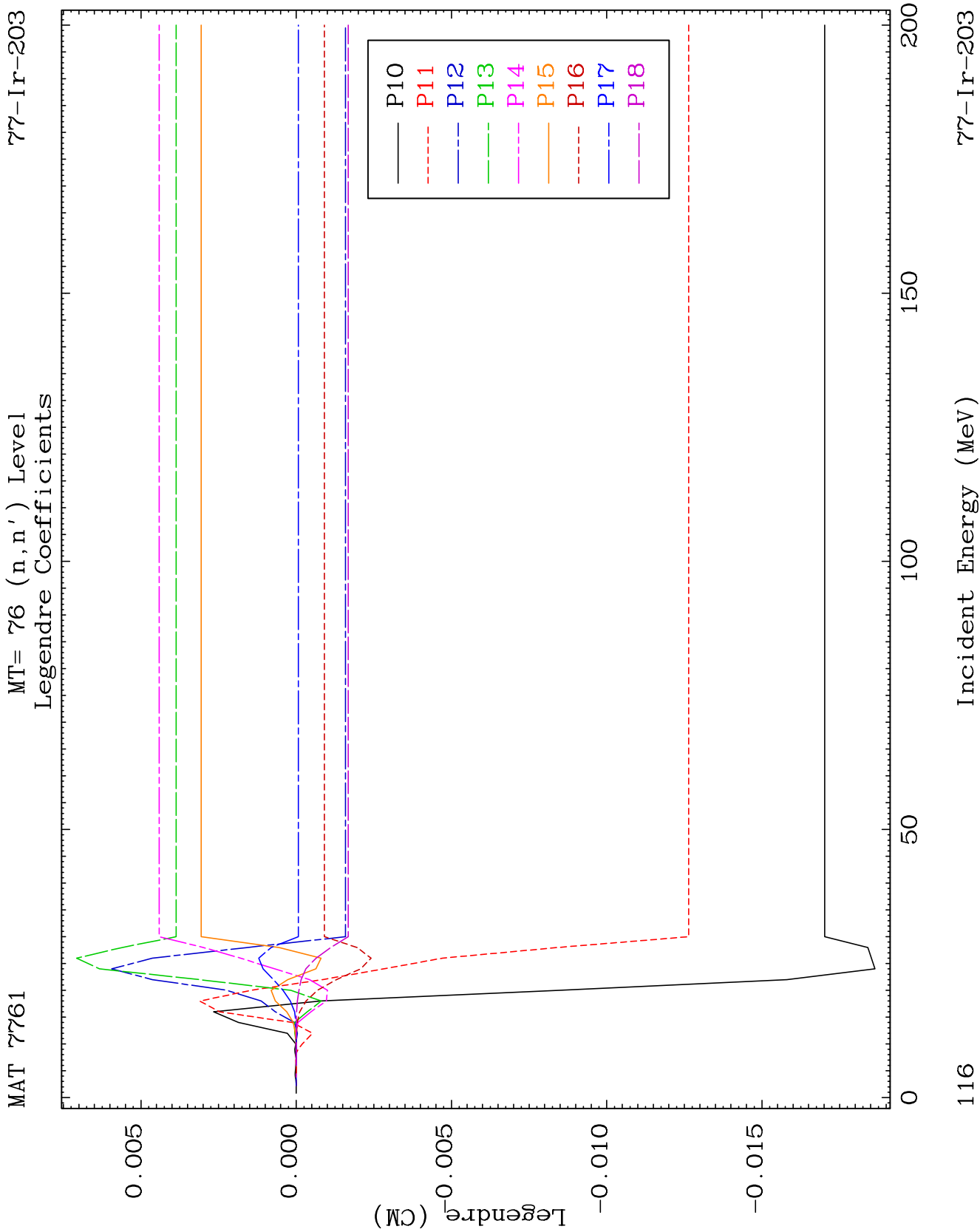
Incident Energy (MeV)

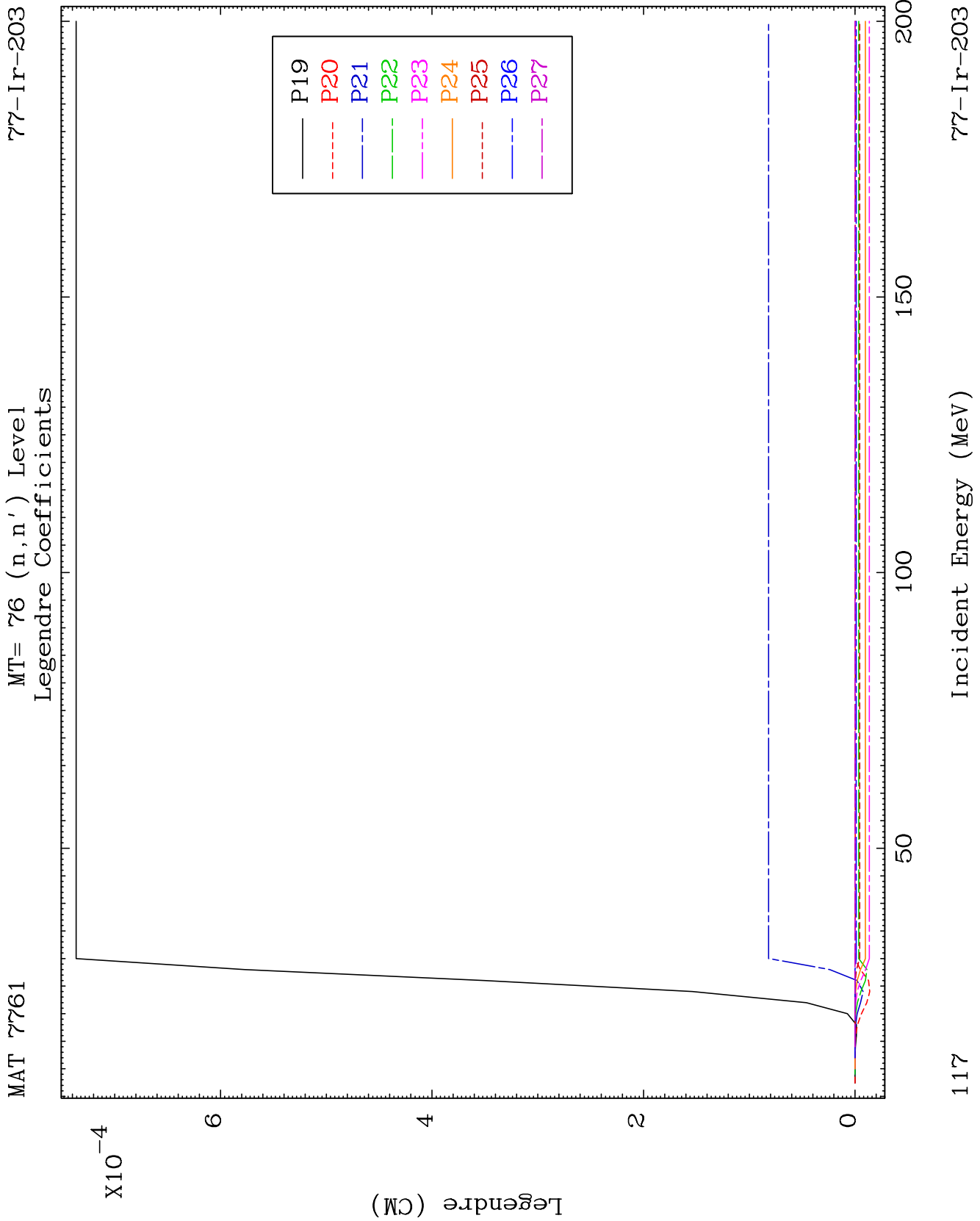
77-Ir-203

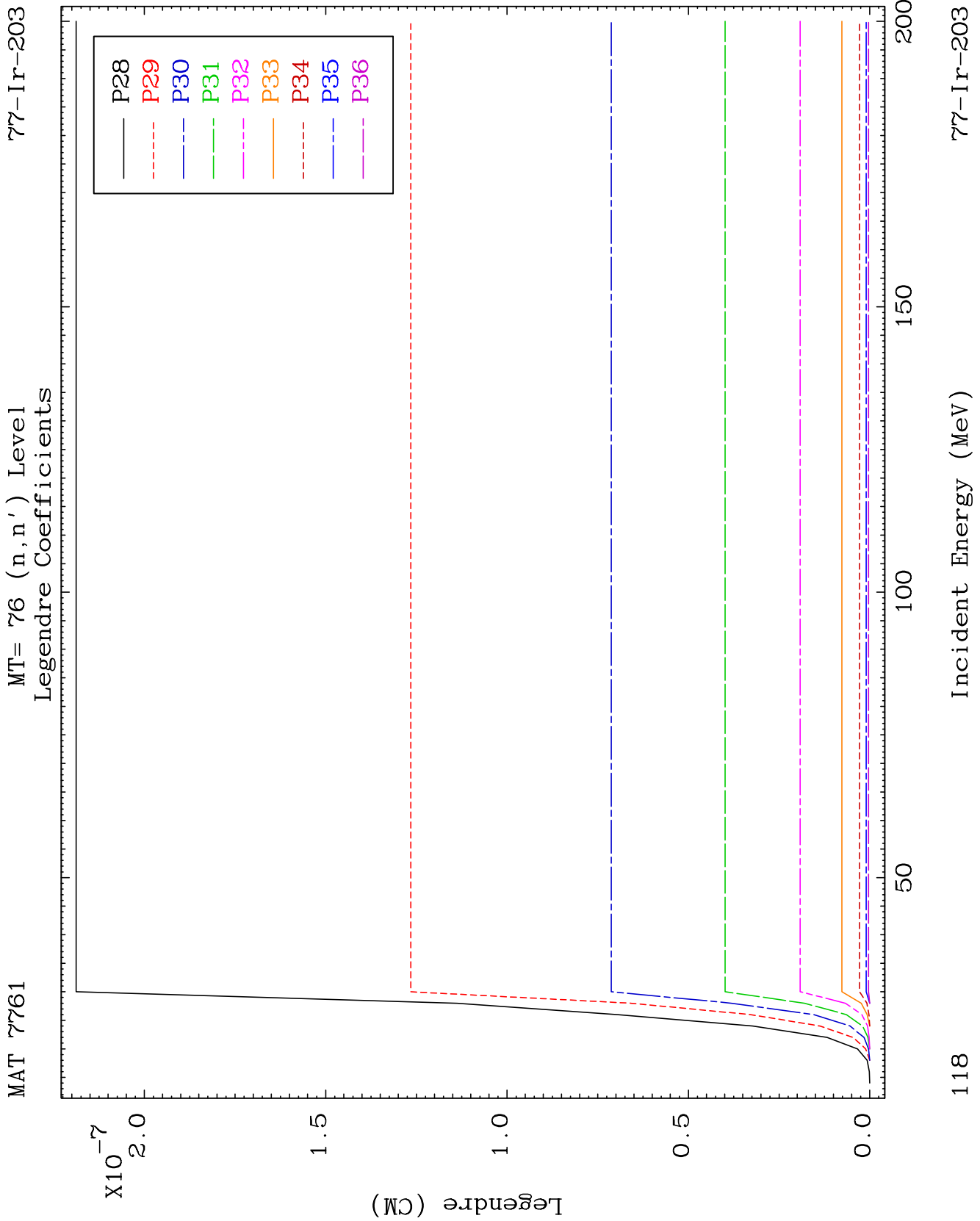


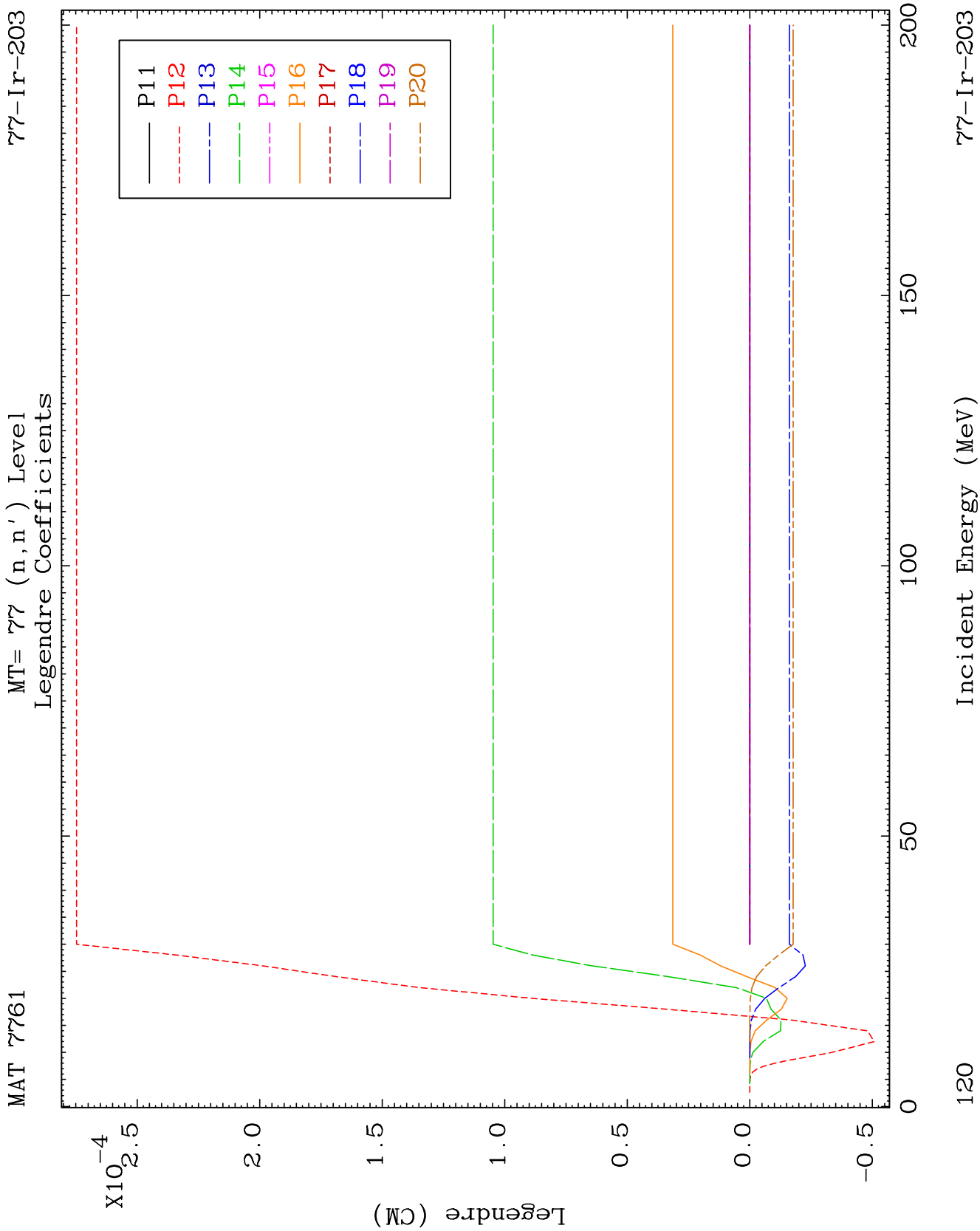


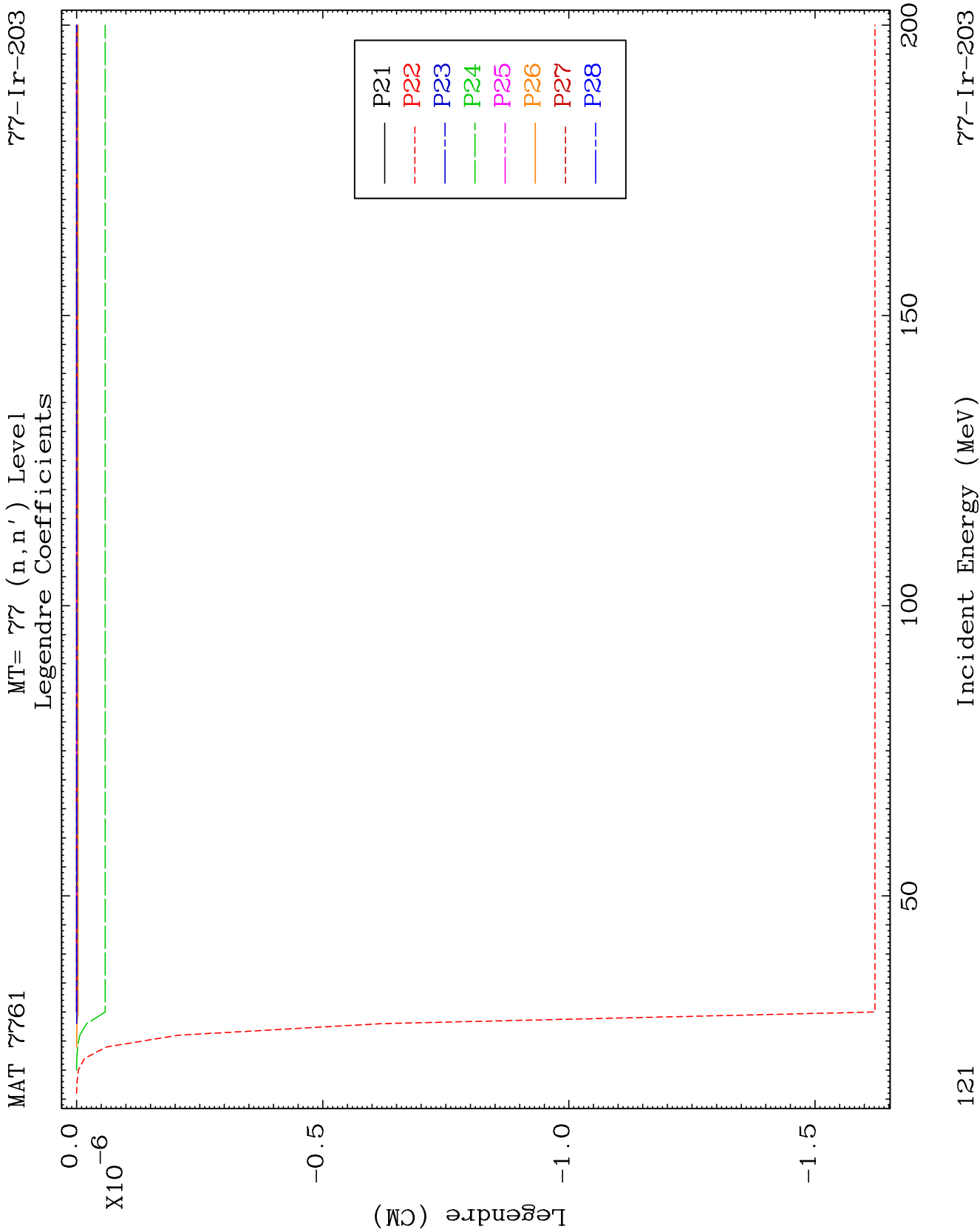


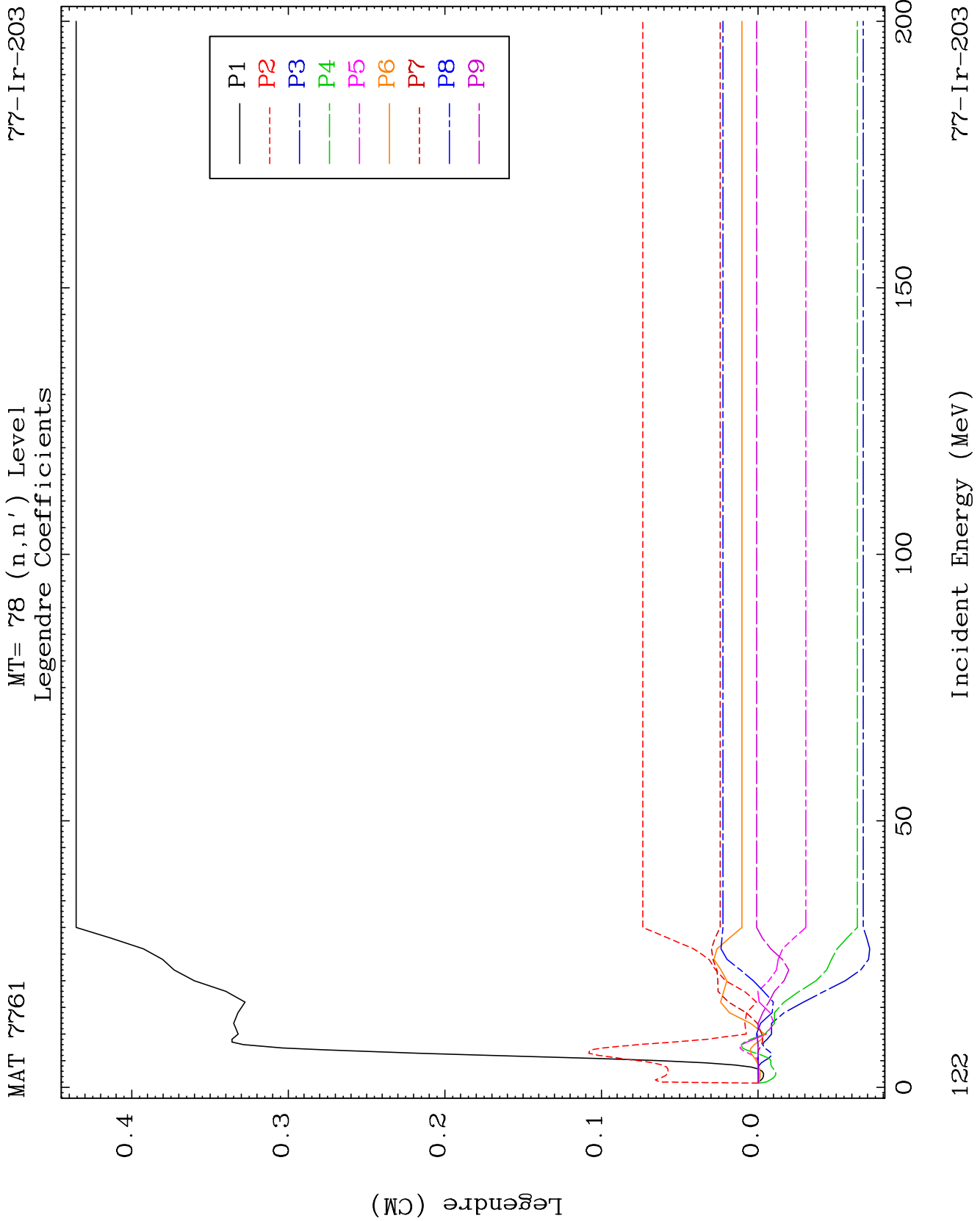


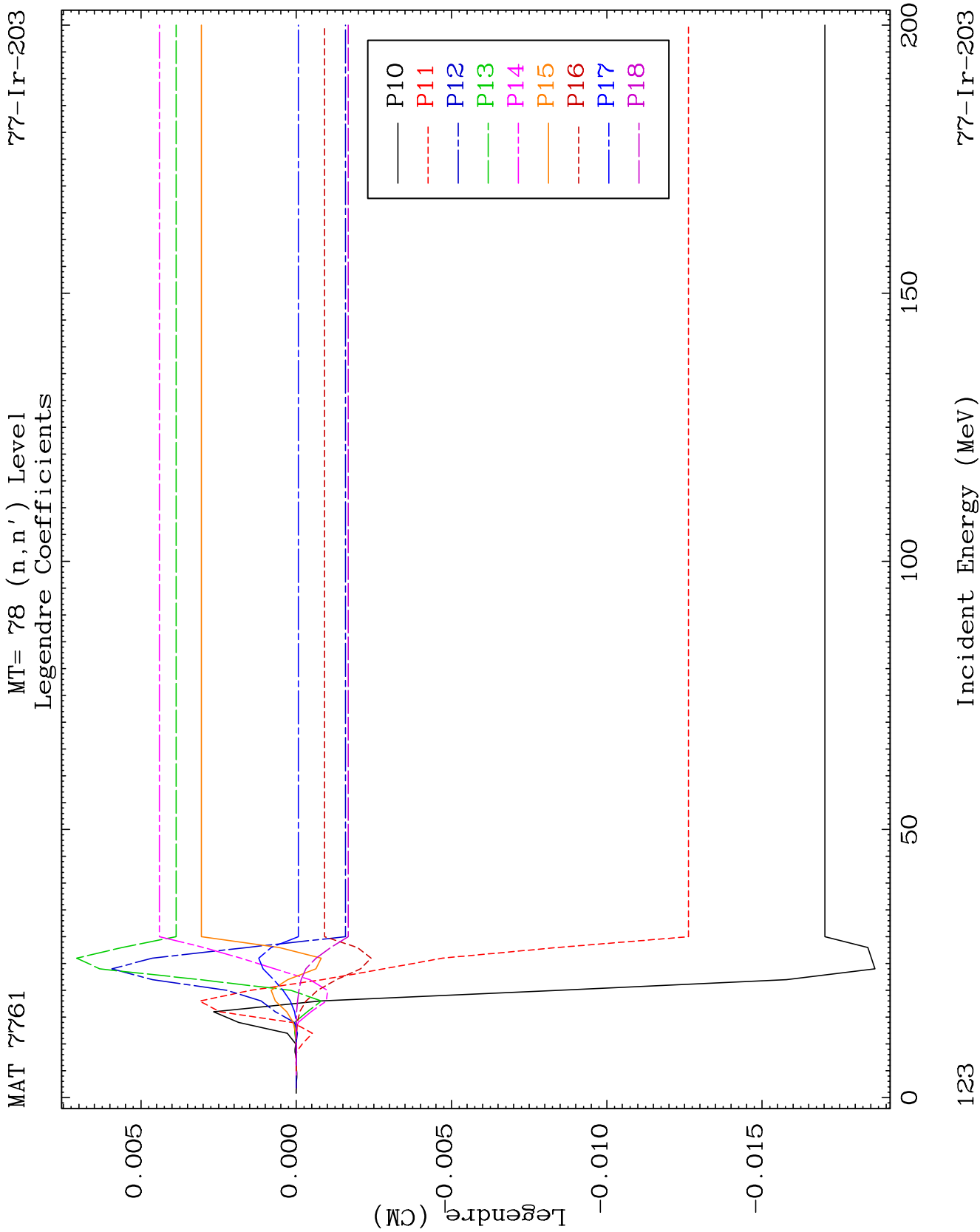


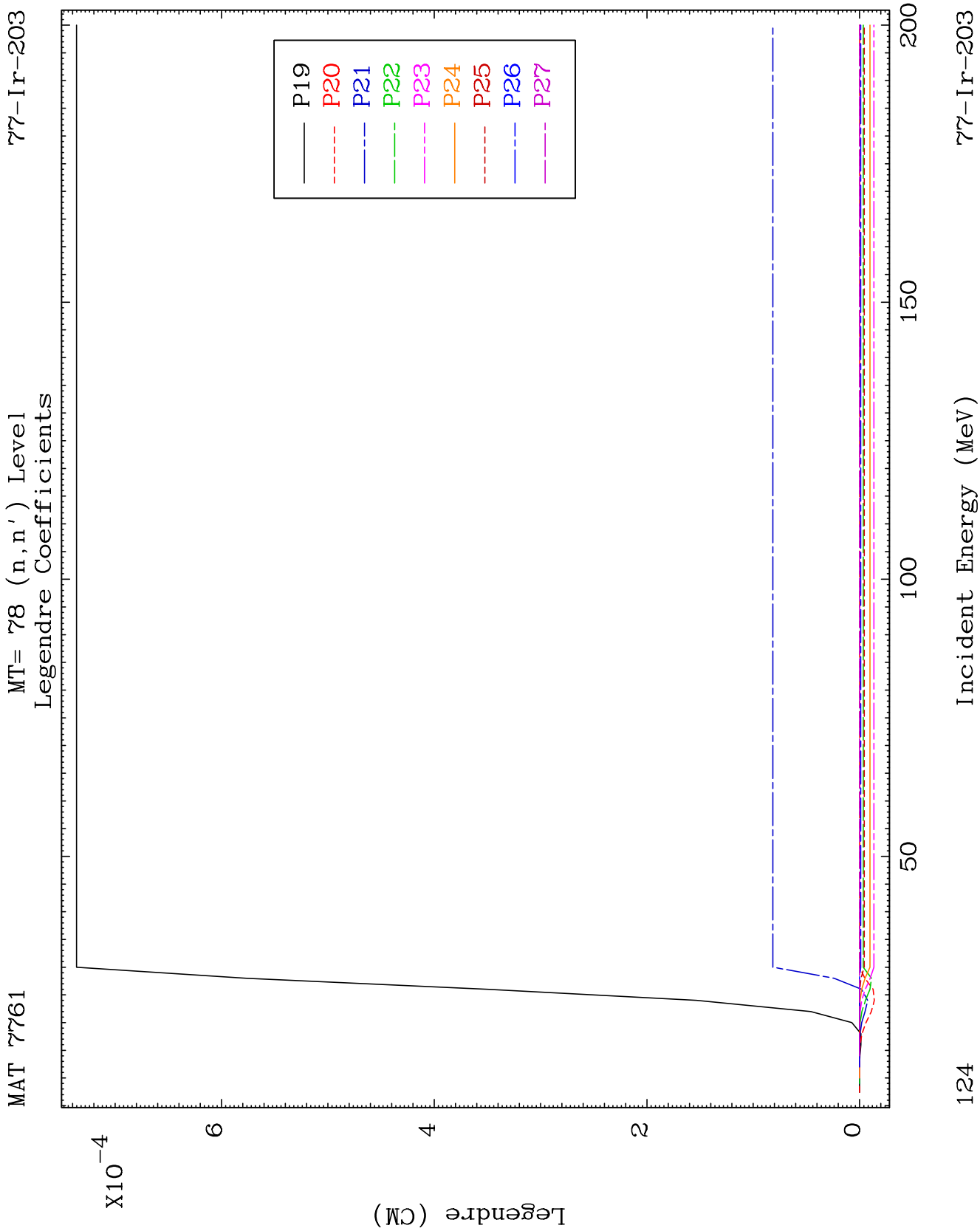


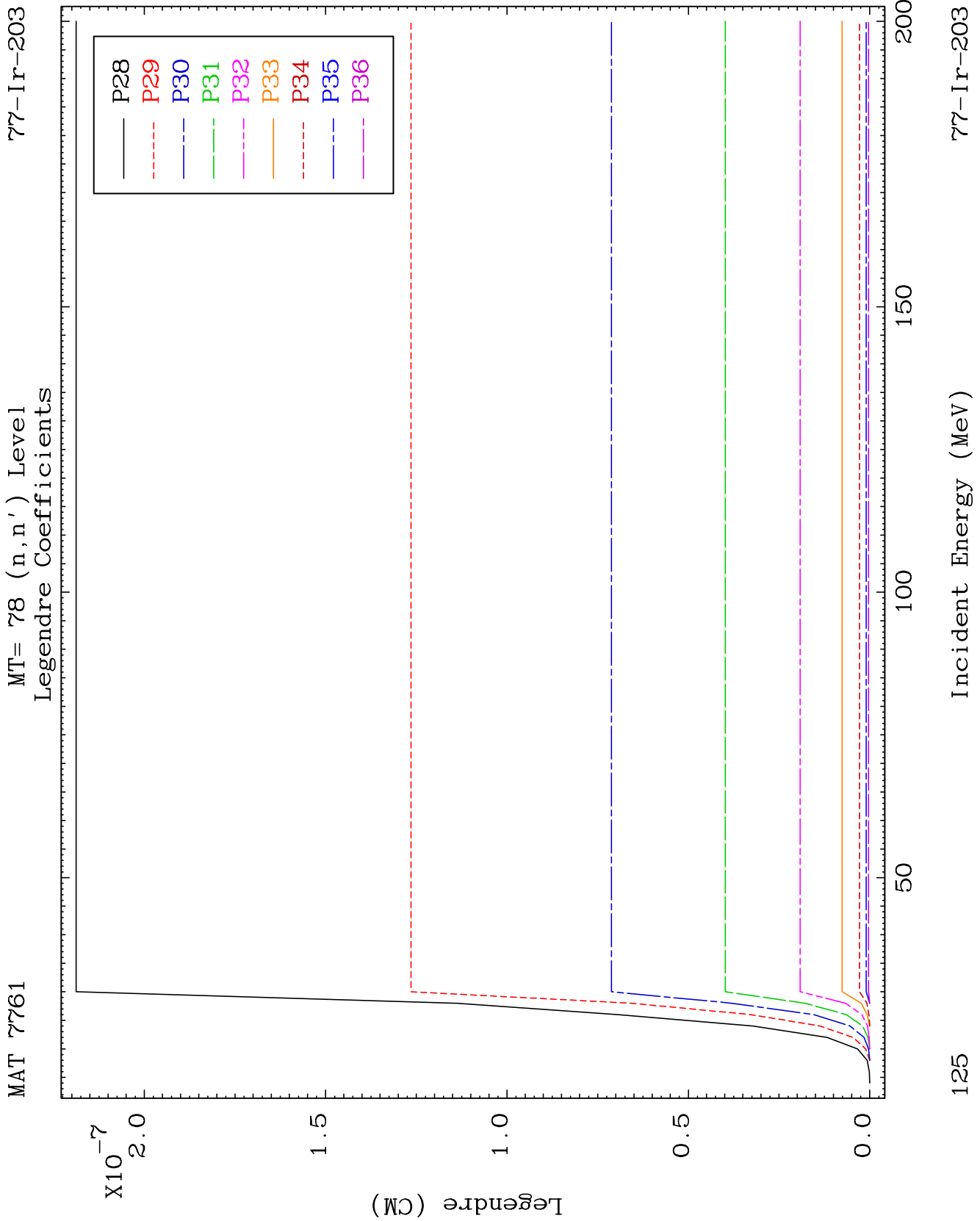








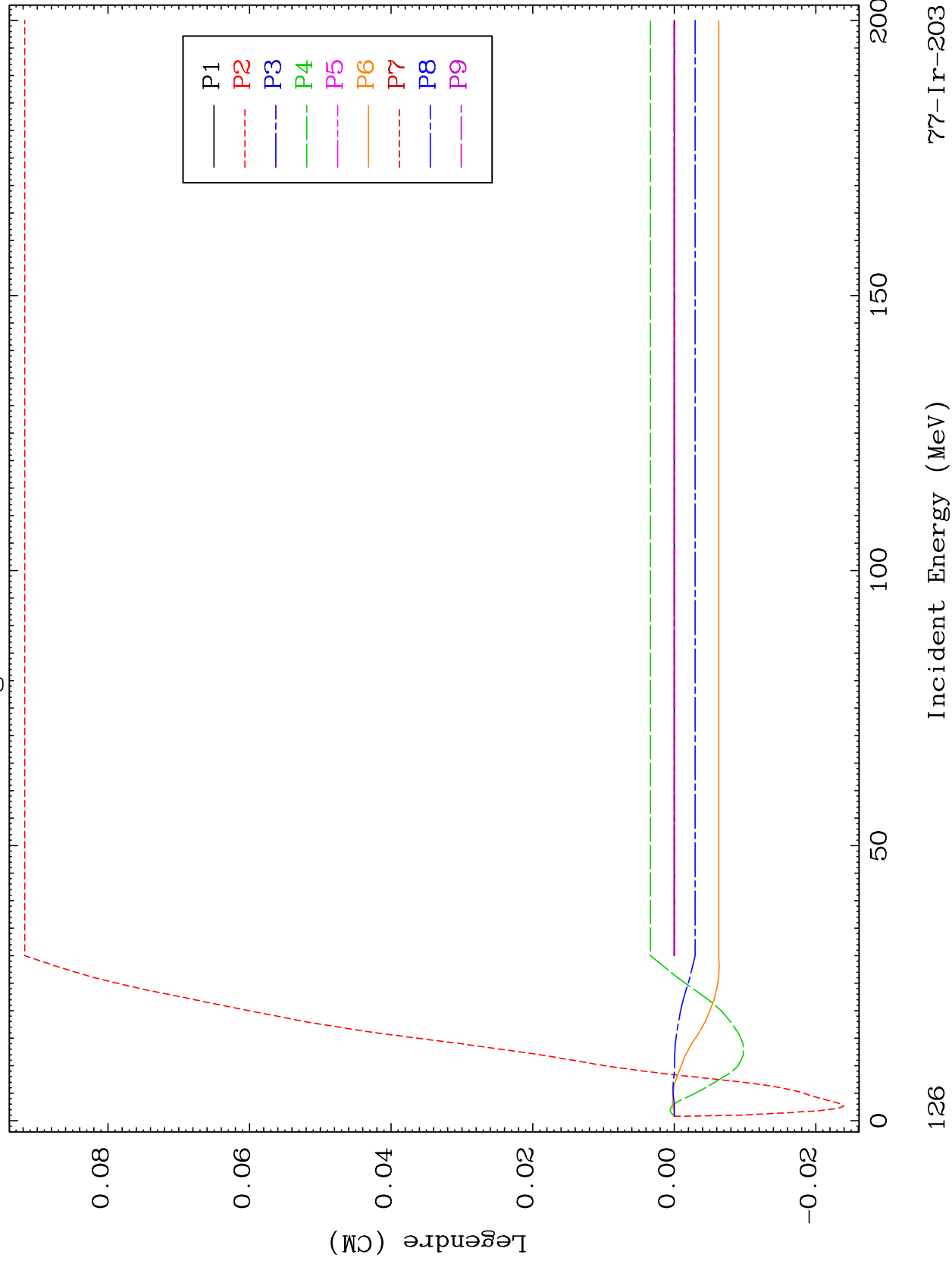


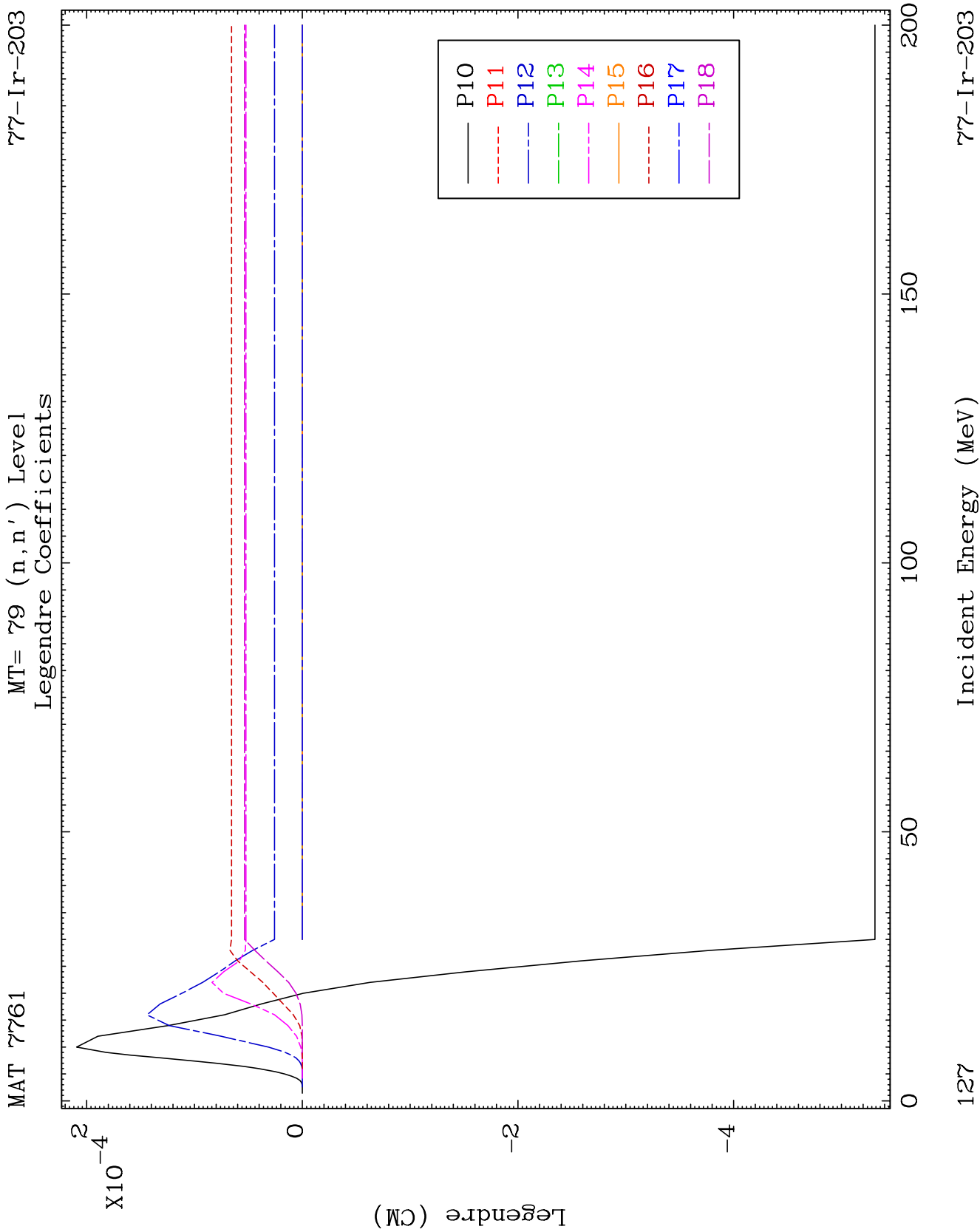


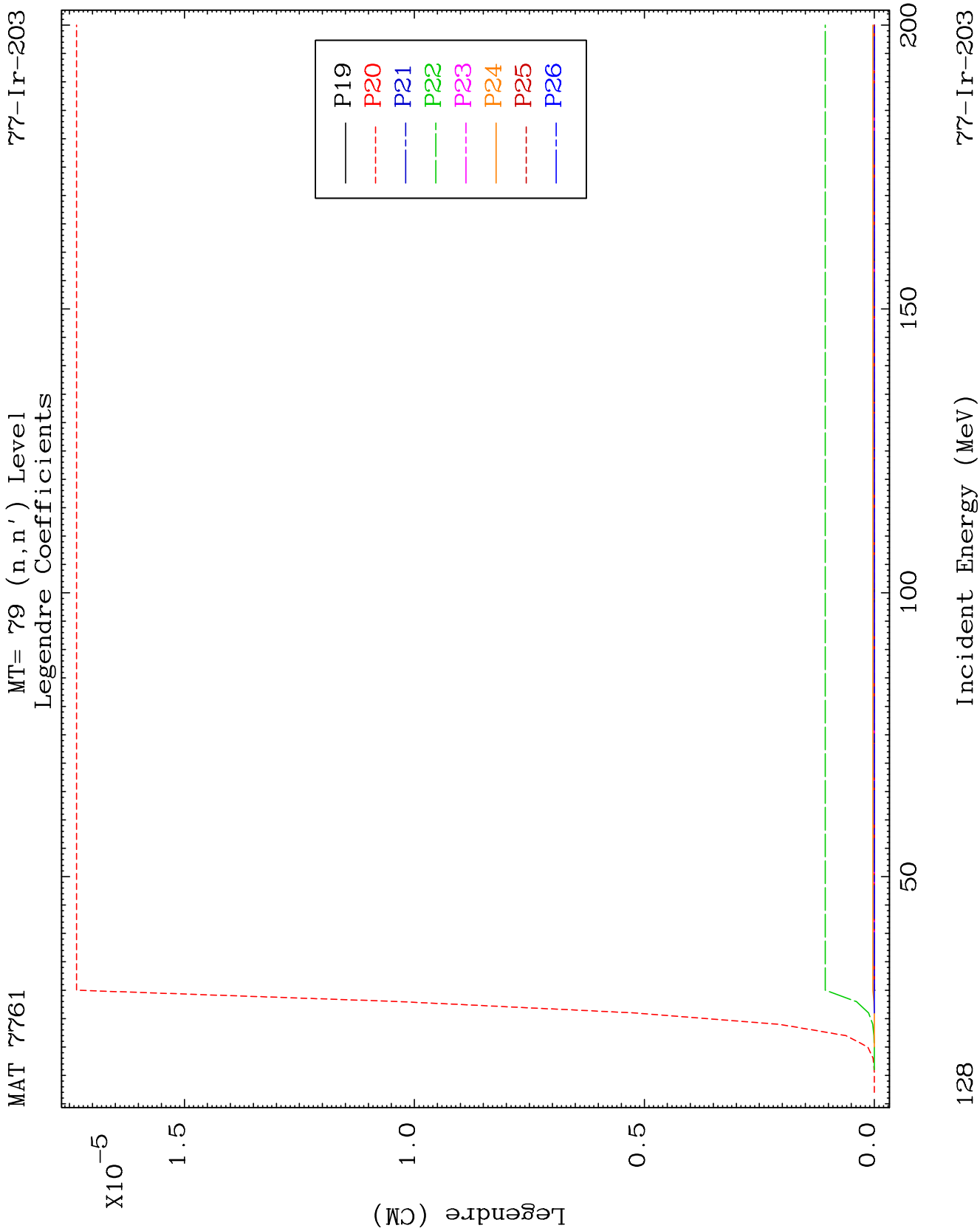
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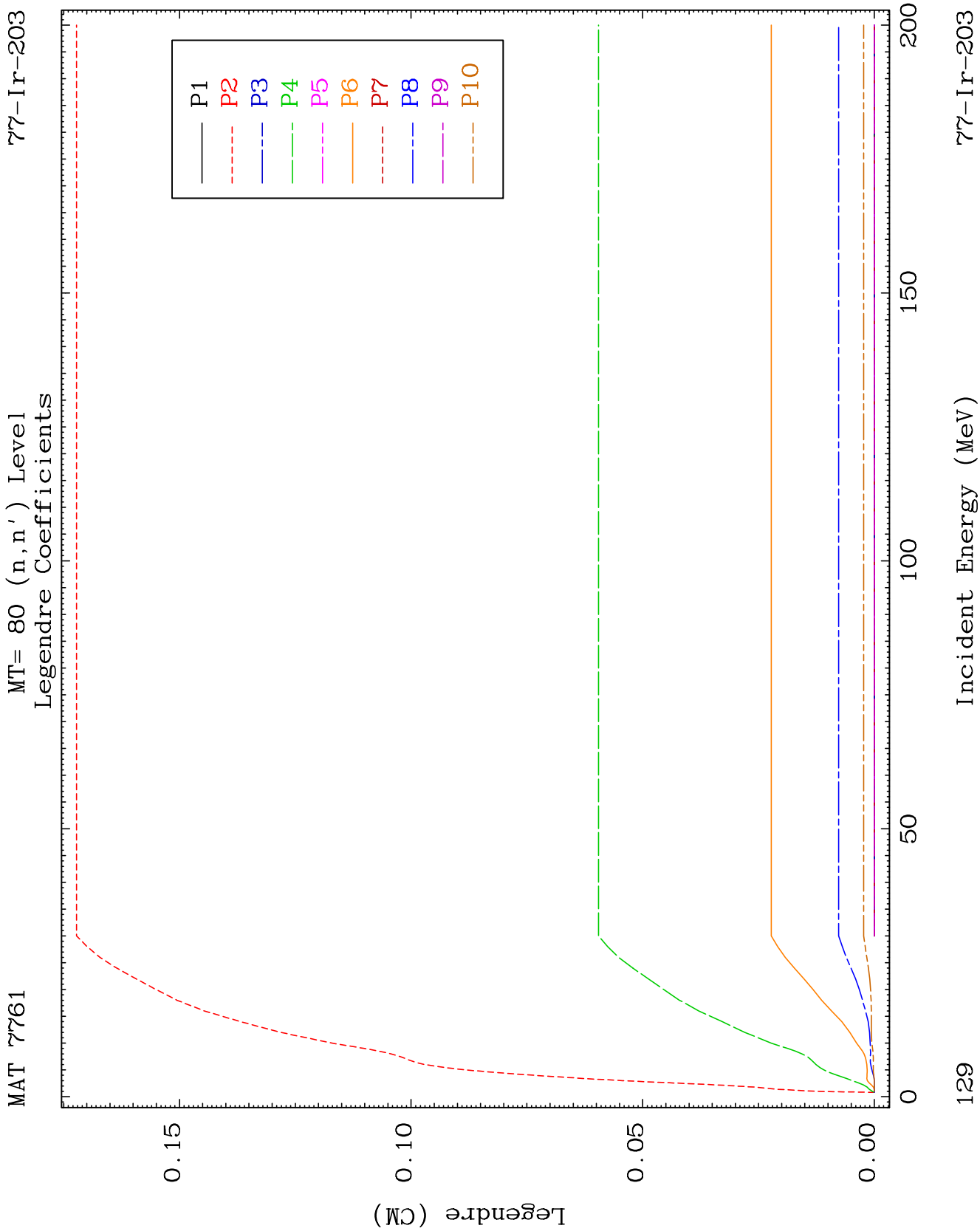
MT= 79 (n, n') Level
Legendre Coefficients

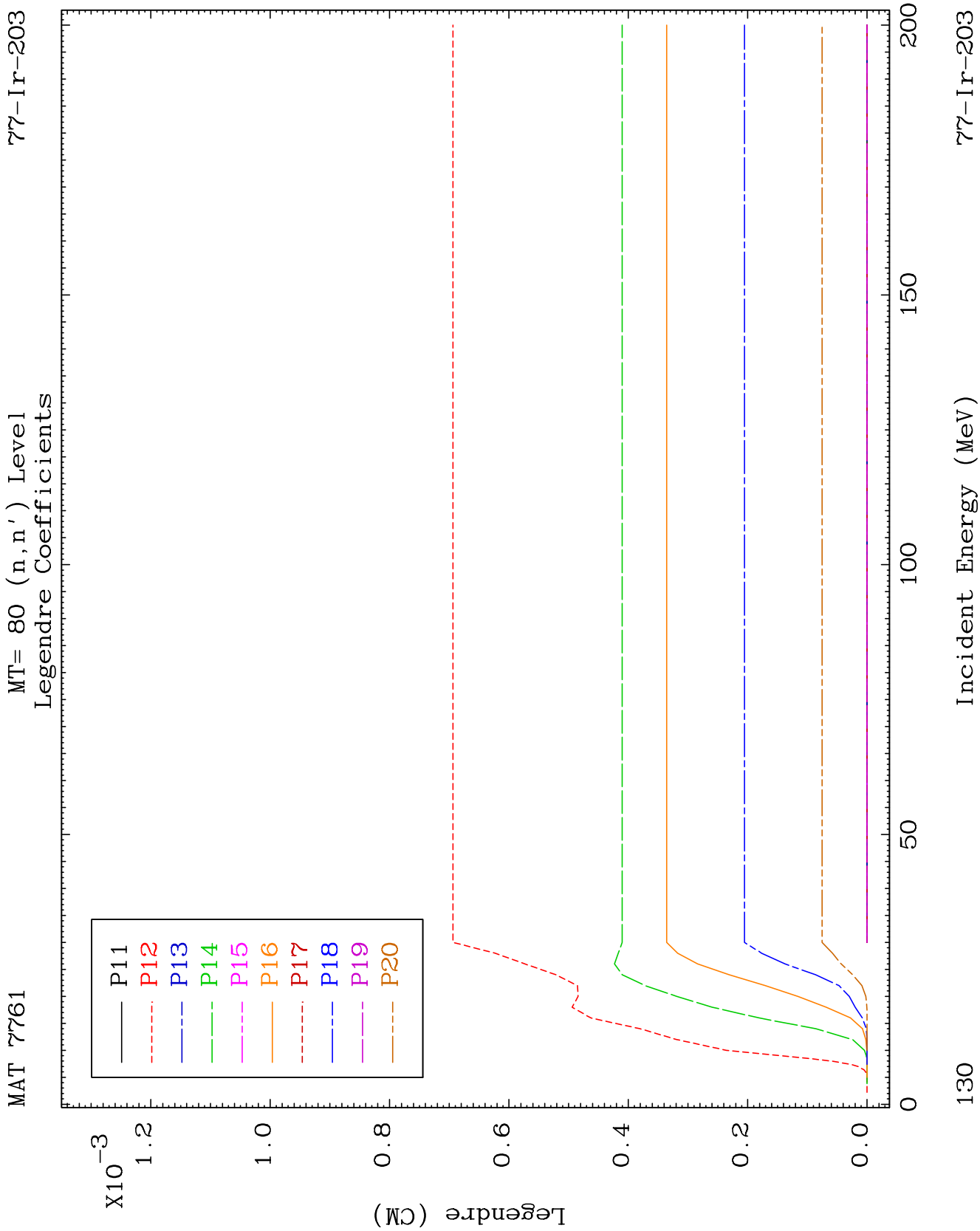
77-Ir-203

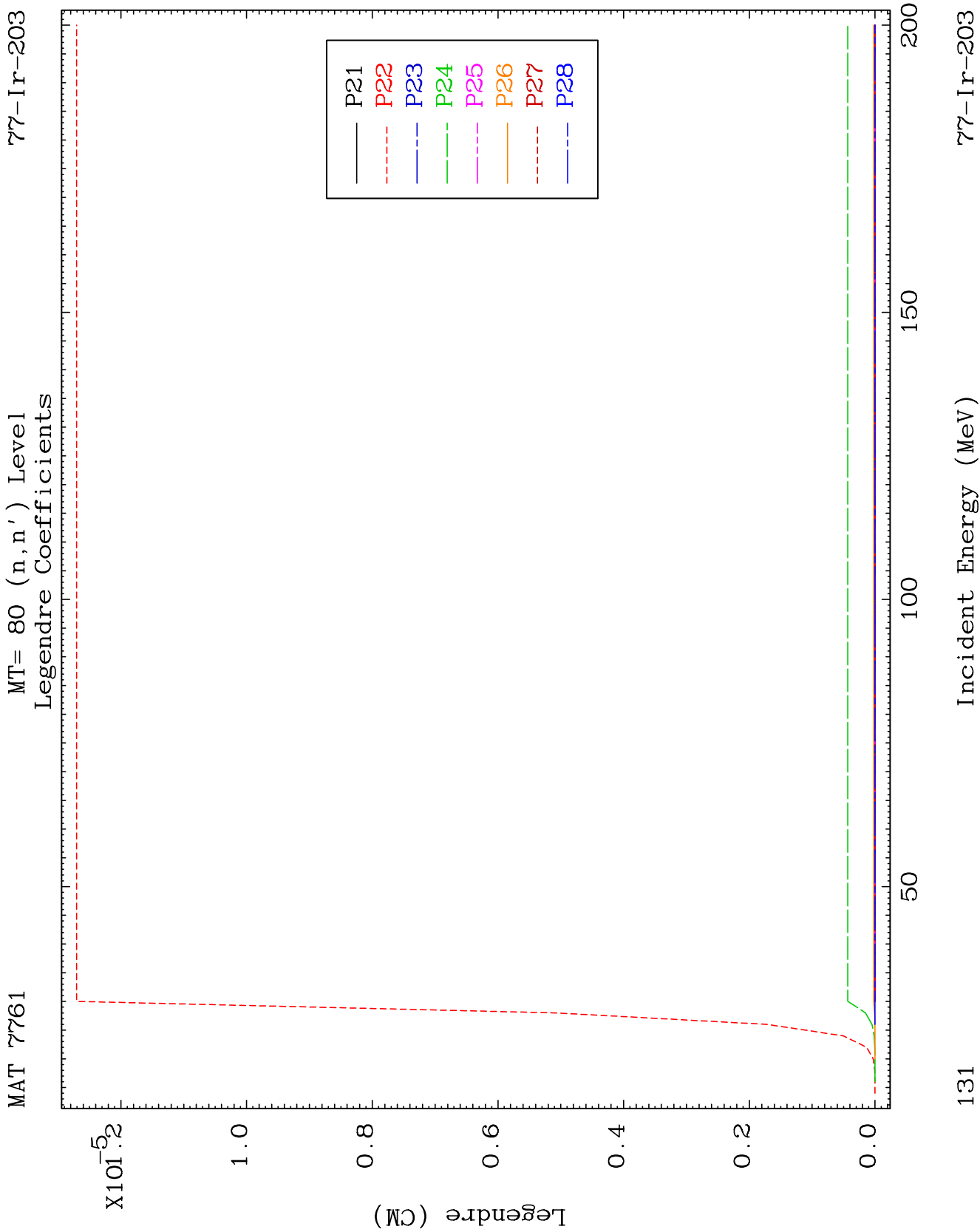










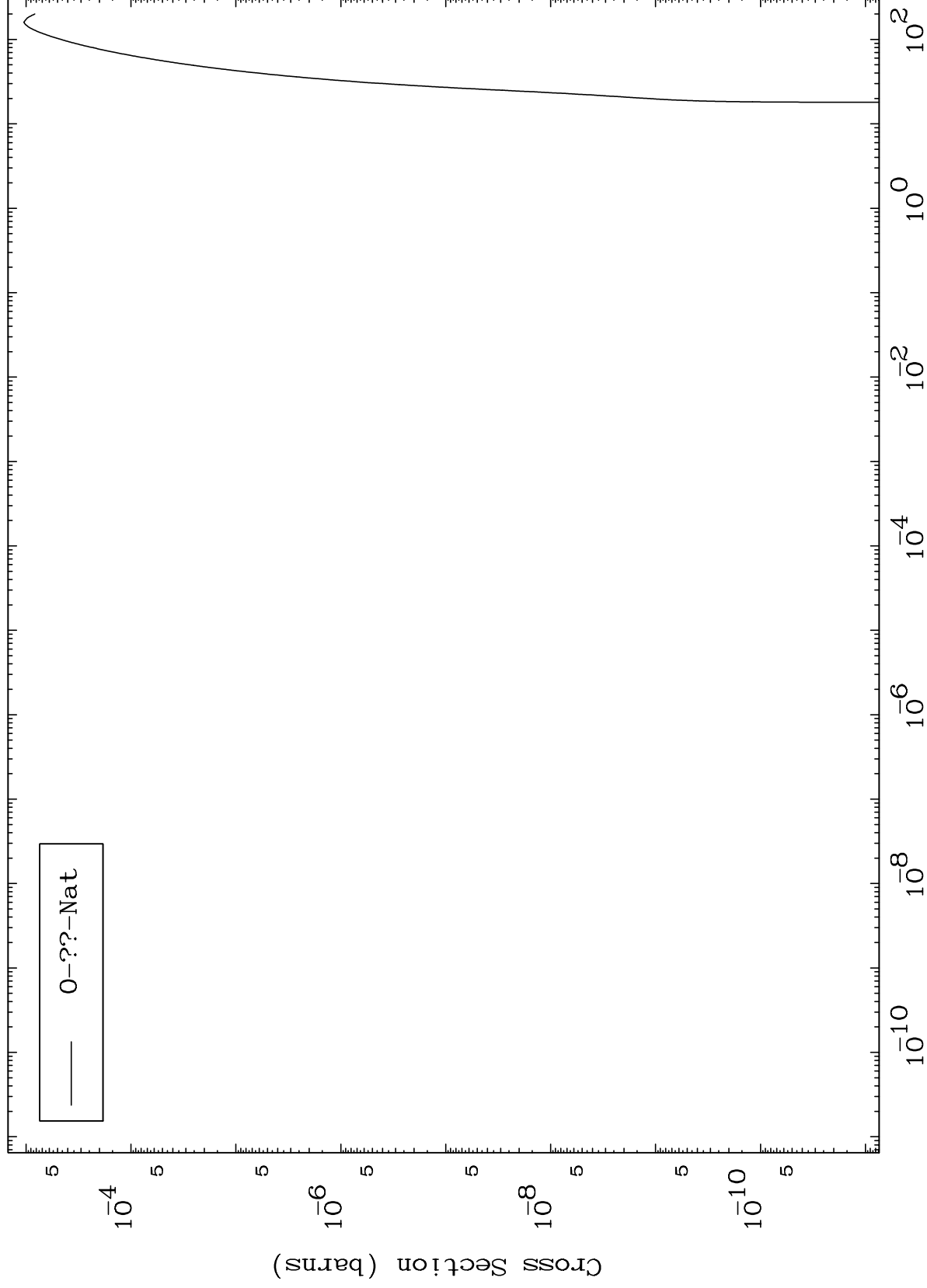


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Fission

⁷⁷Ir-203

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷⁷Ir-203