

Program EVALPLOT
(Version 2021-1)

by

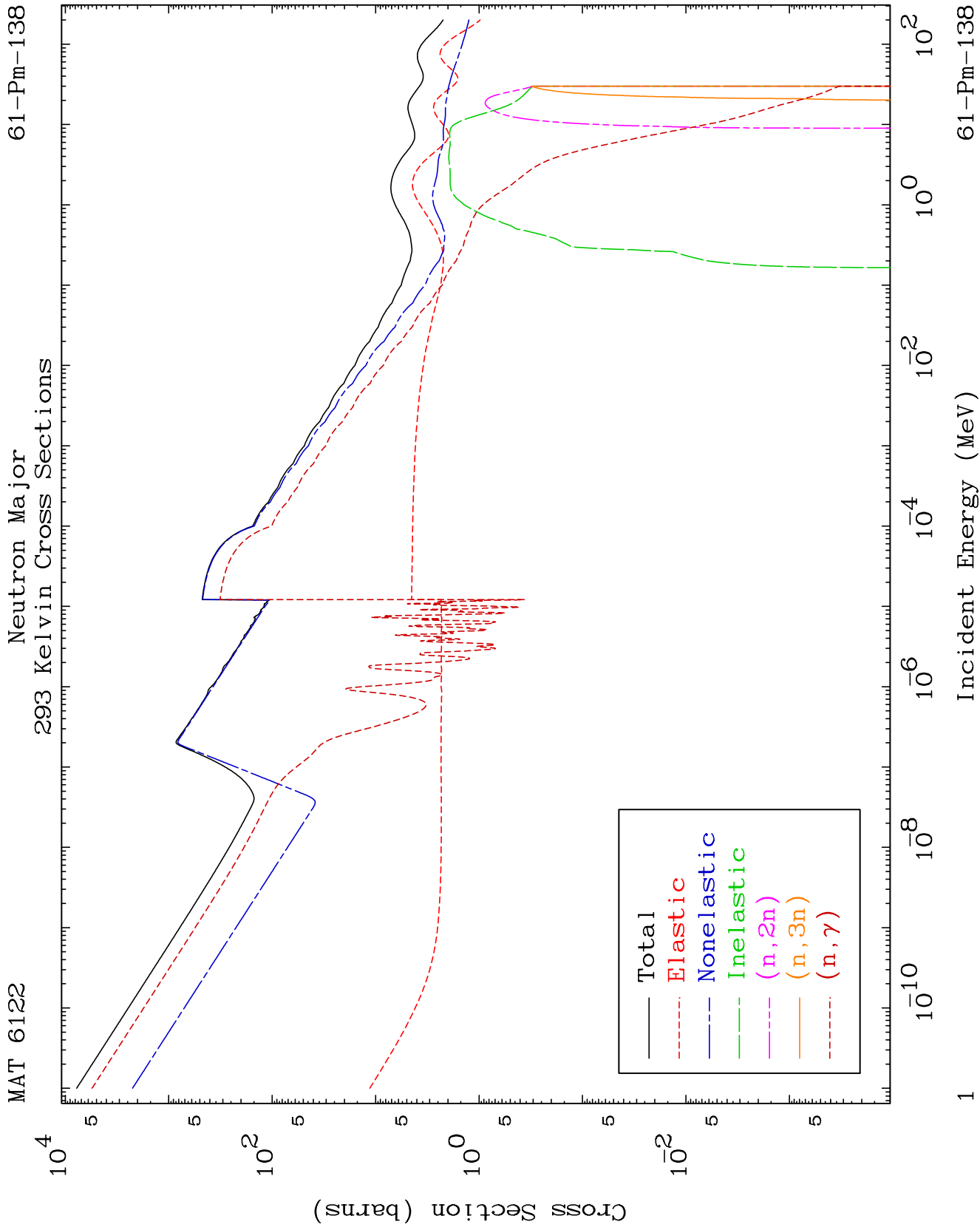
Dermott E. Cullen
(Present Contact Information)

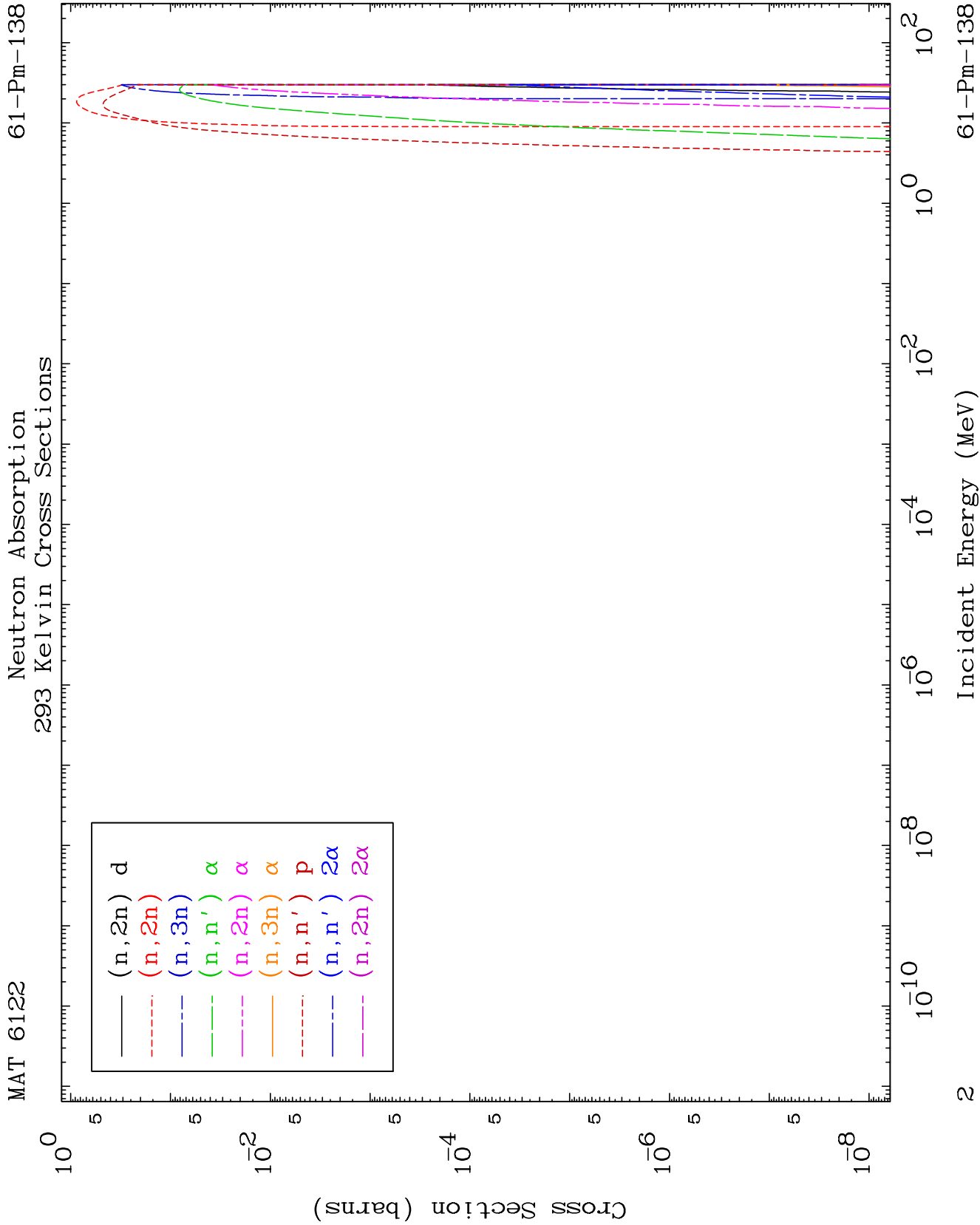
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

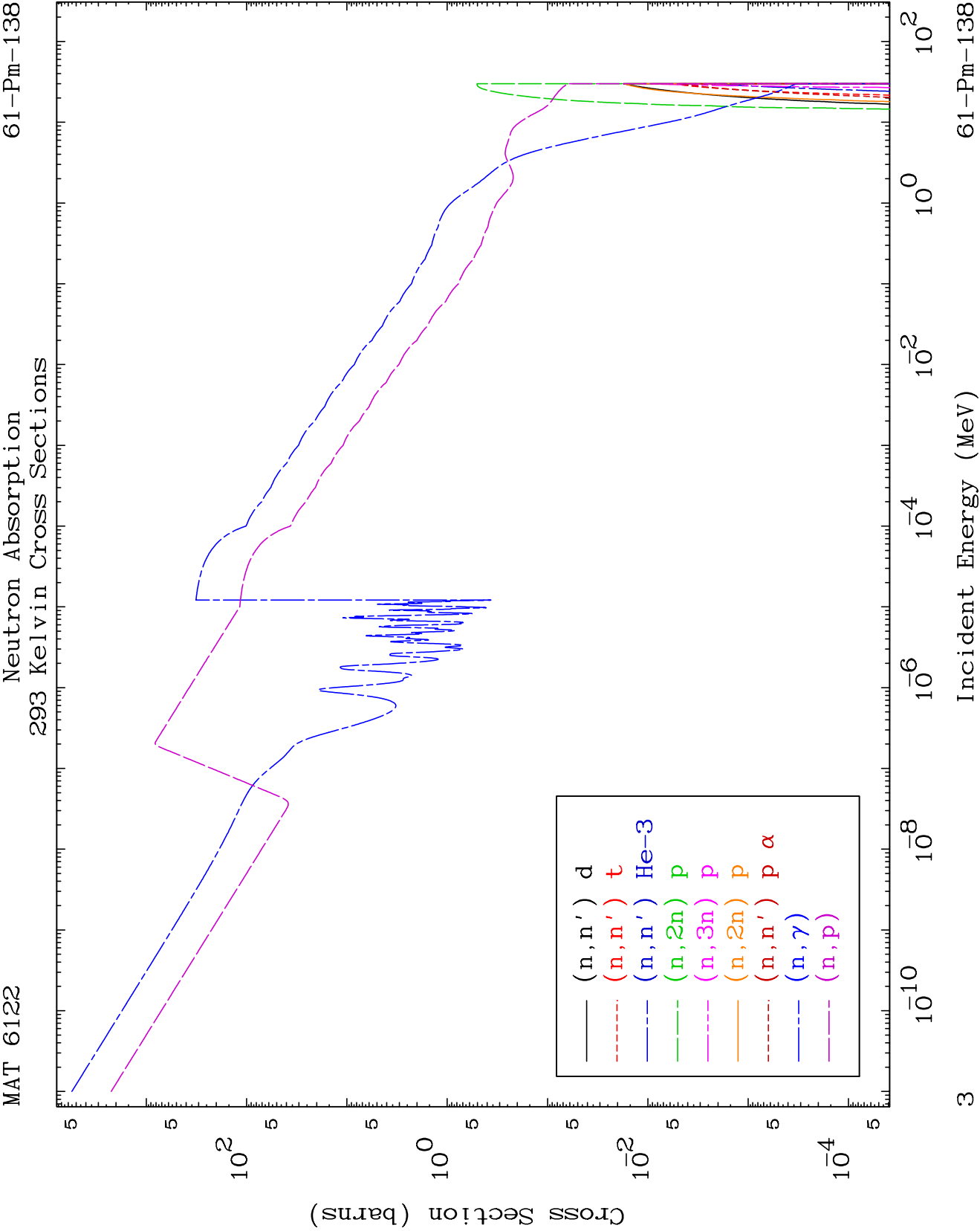
Tele: 925-443-1911

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

Press Mouse Button to Start



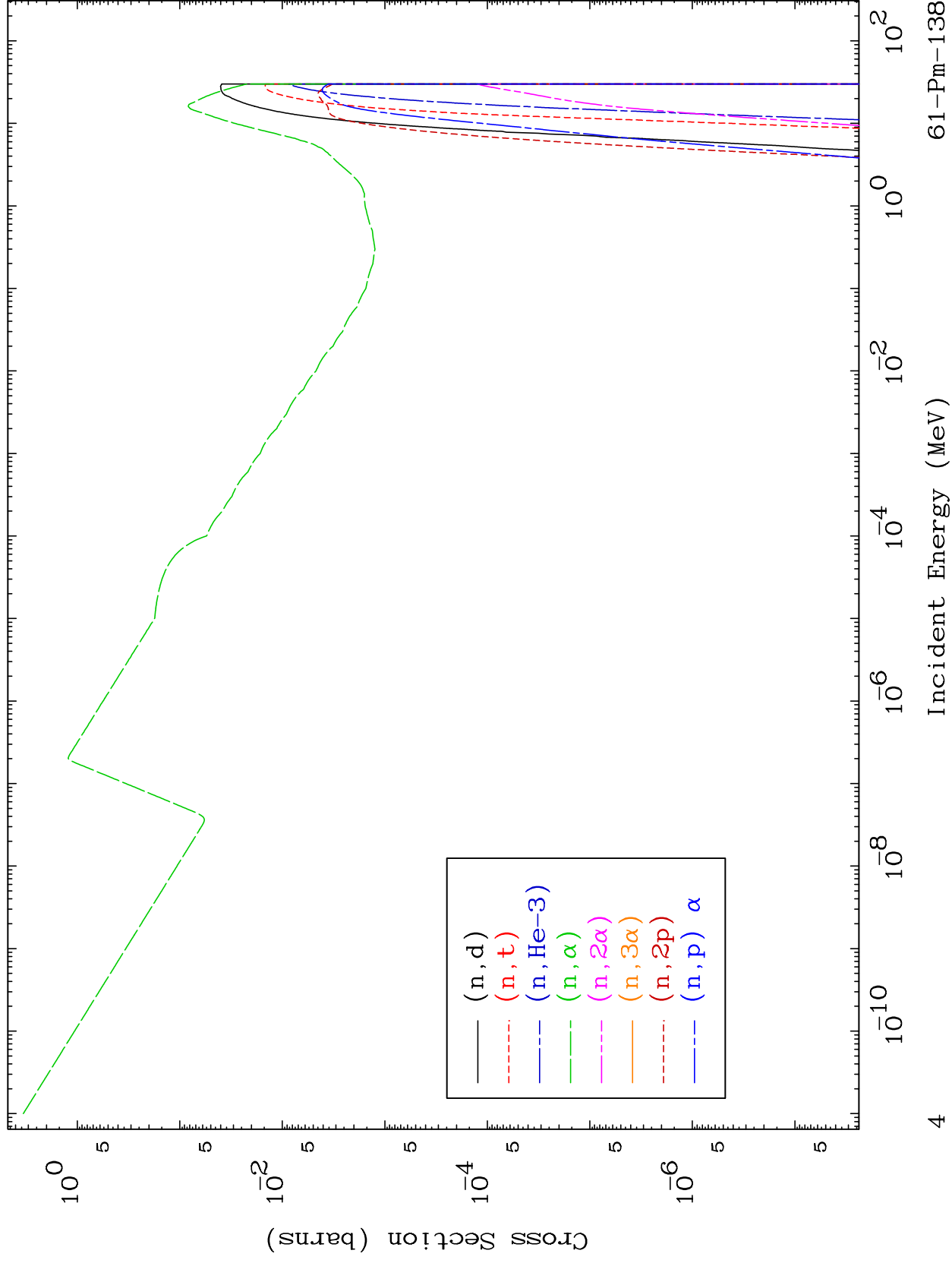


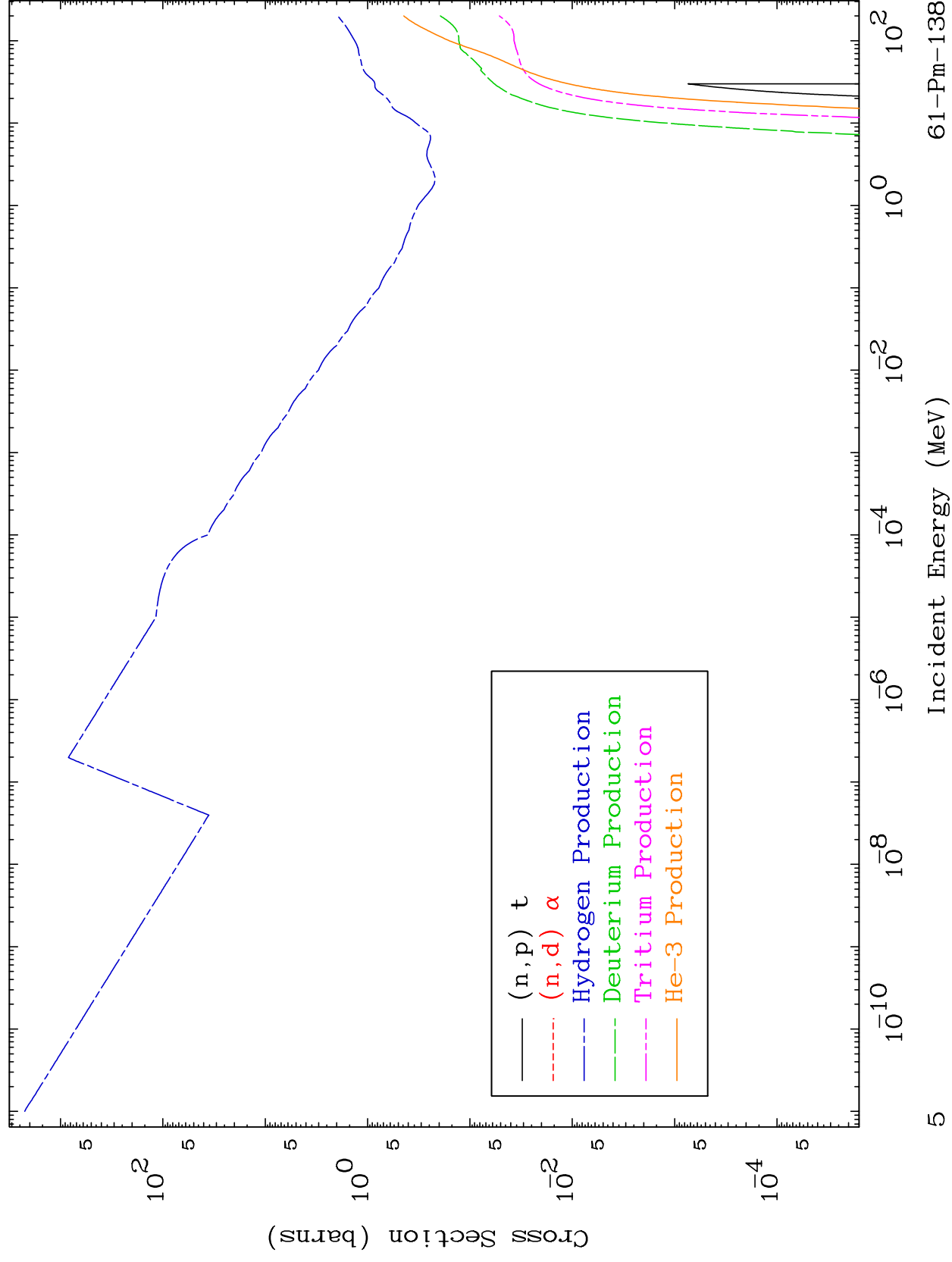


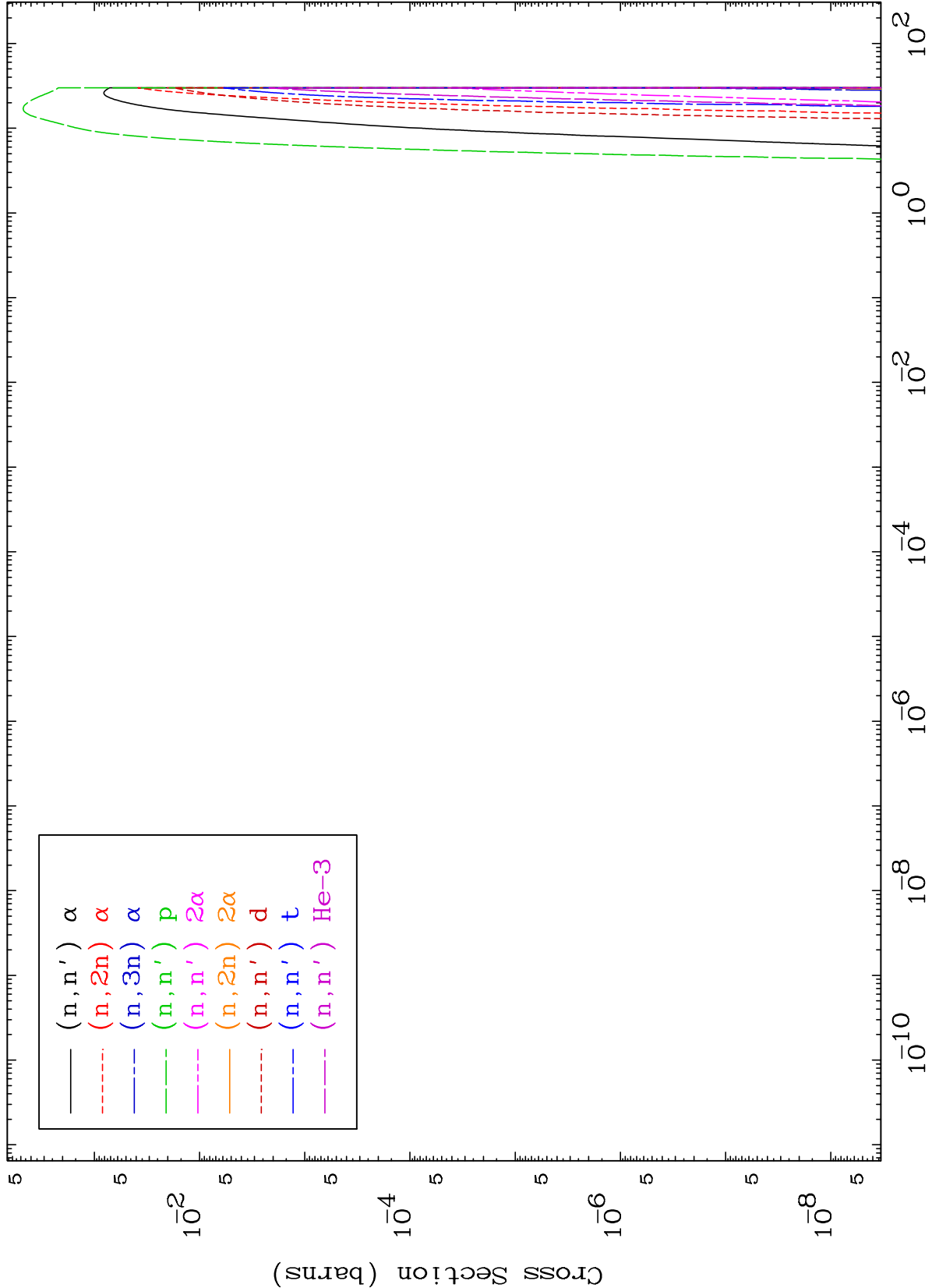
MAT 6122

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-138



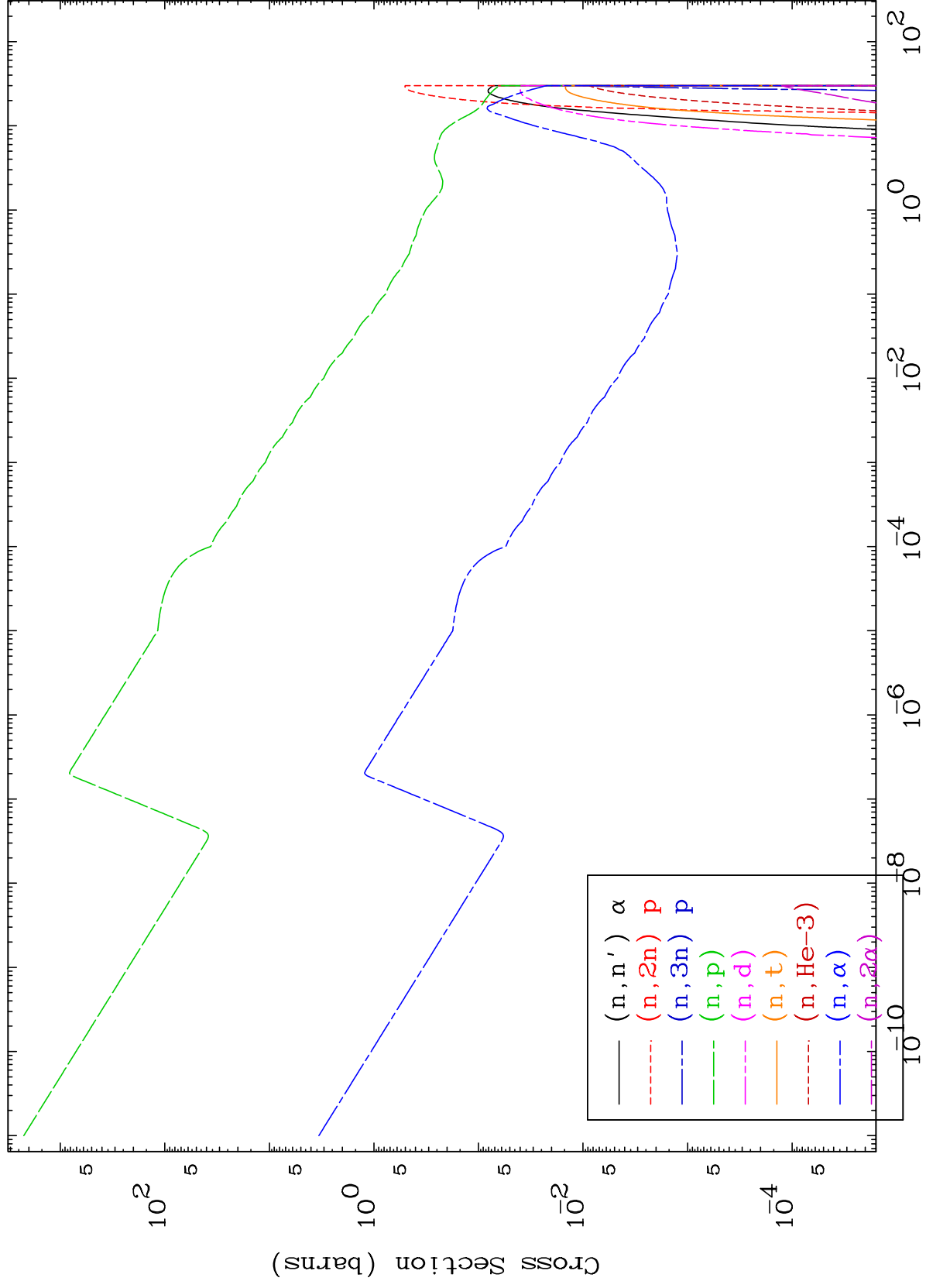


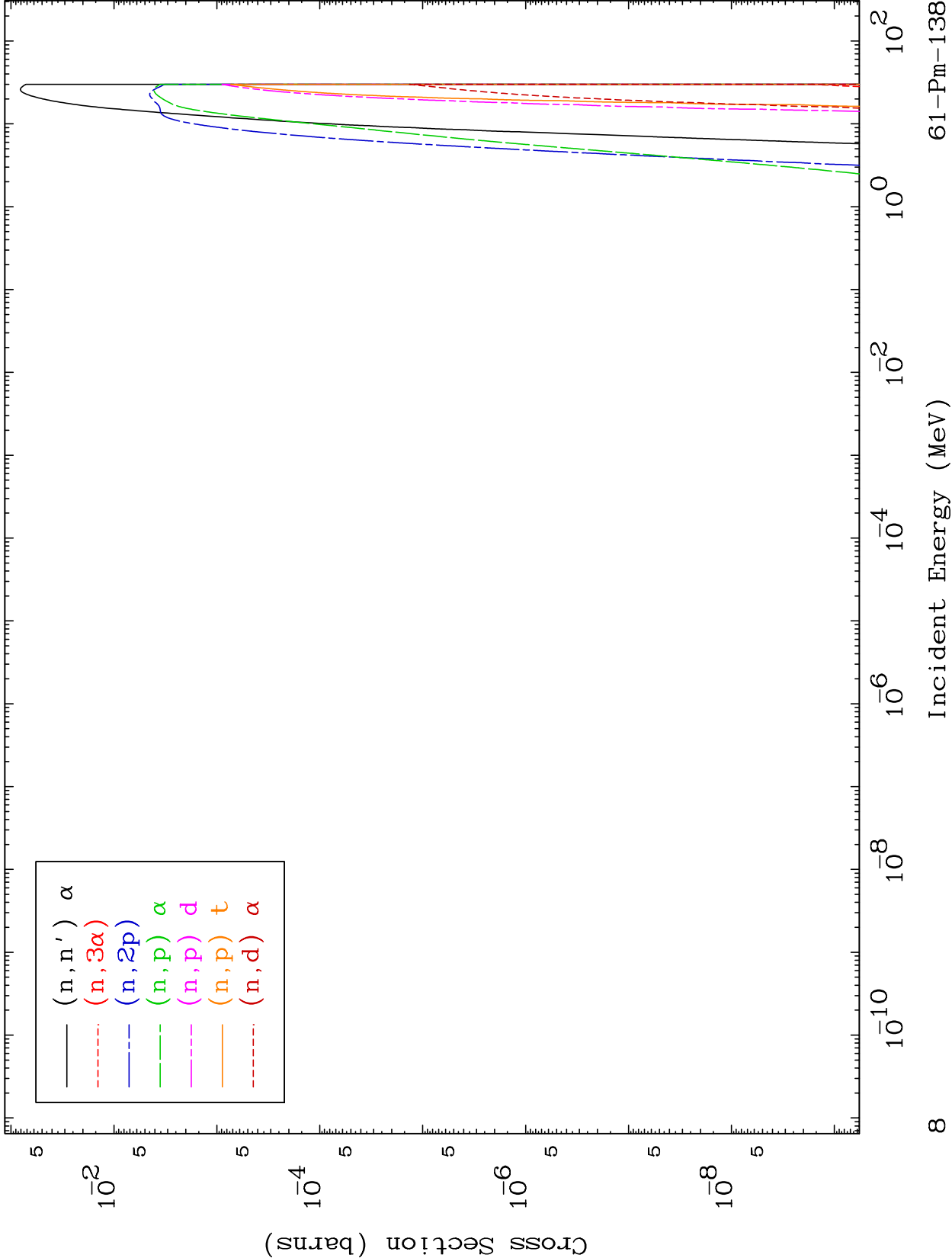


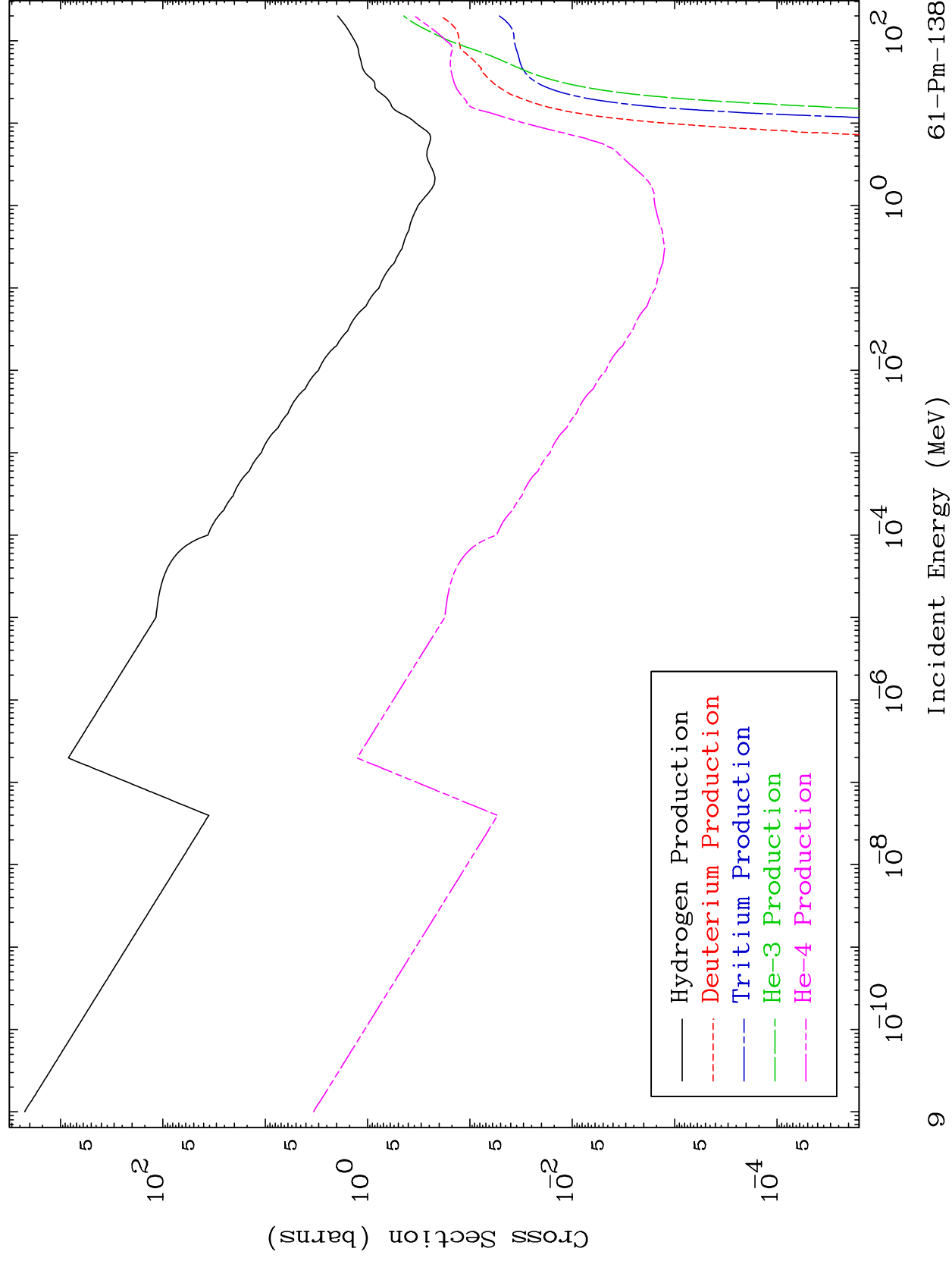
MAT 6122

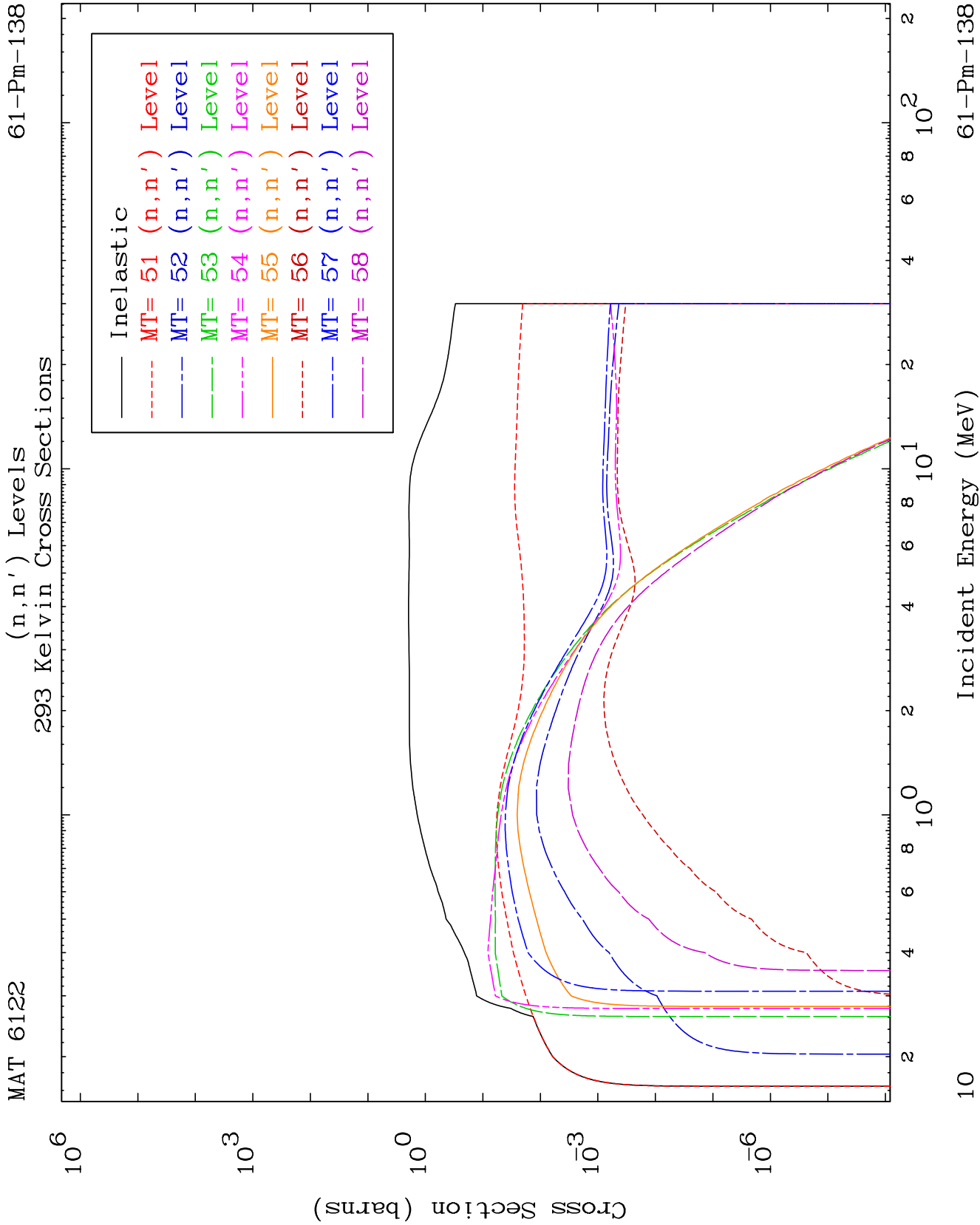
Charged Particle
293 Kelvin Cross Sections

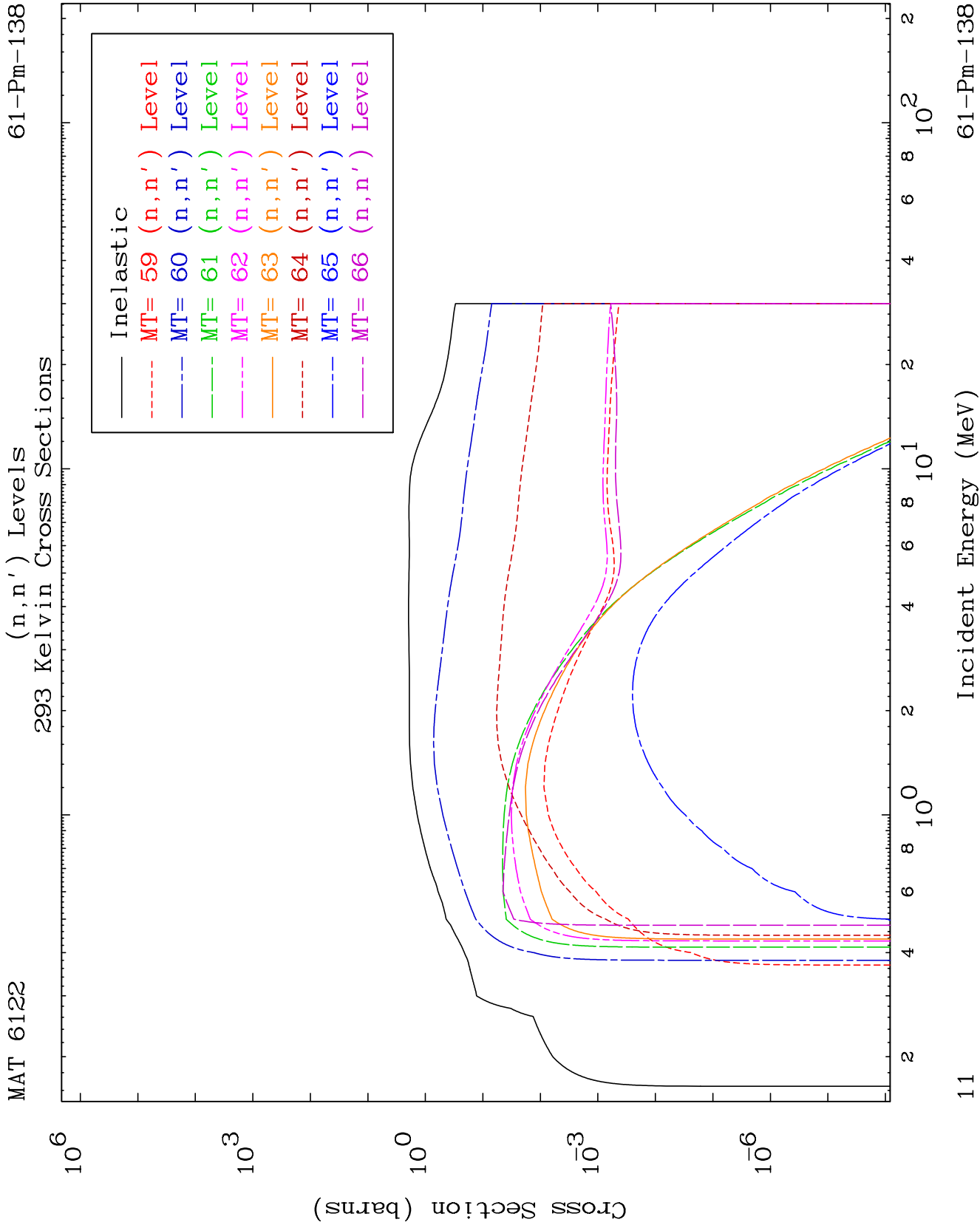
61-Pm-138

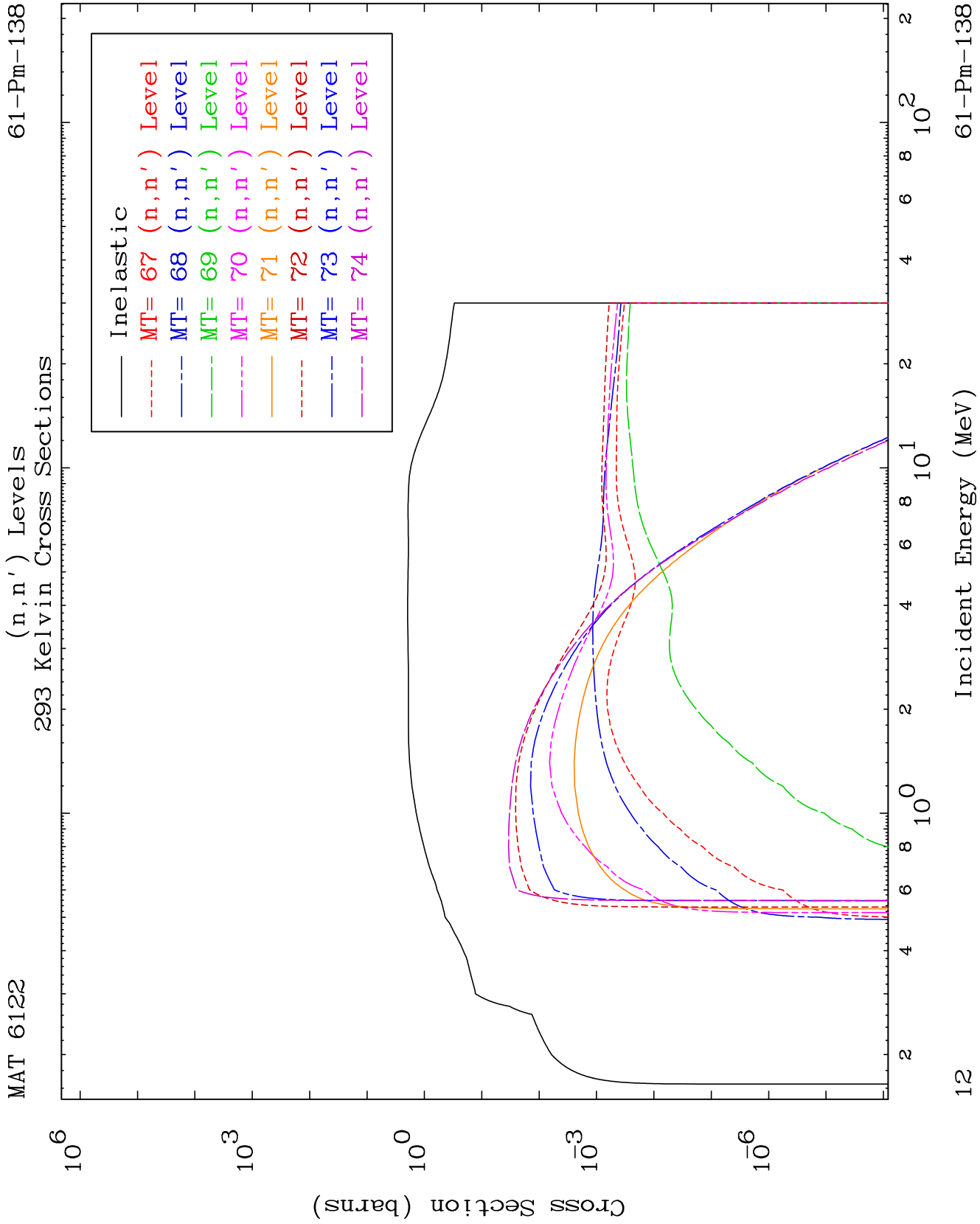


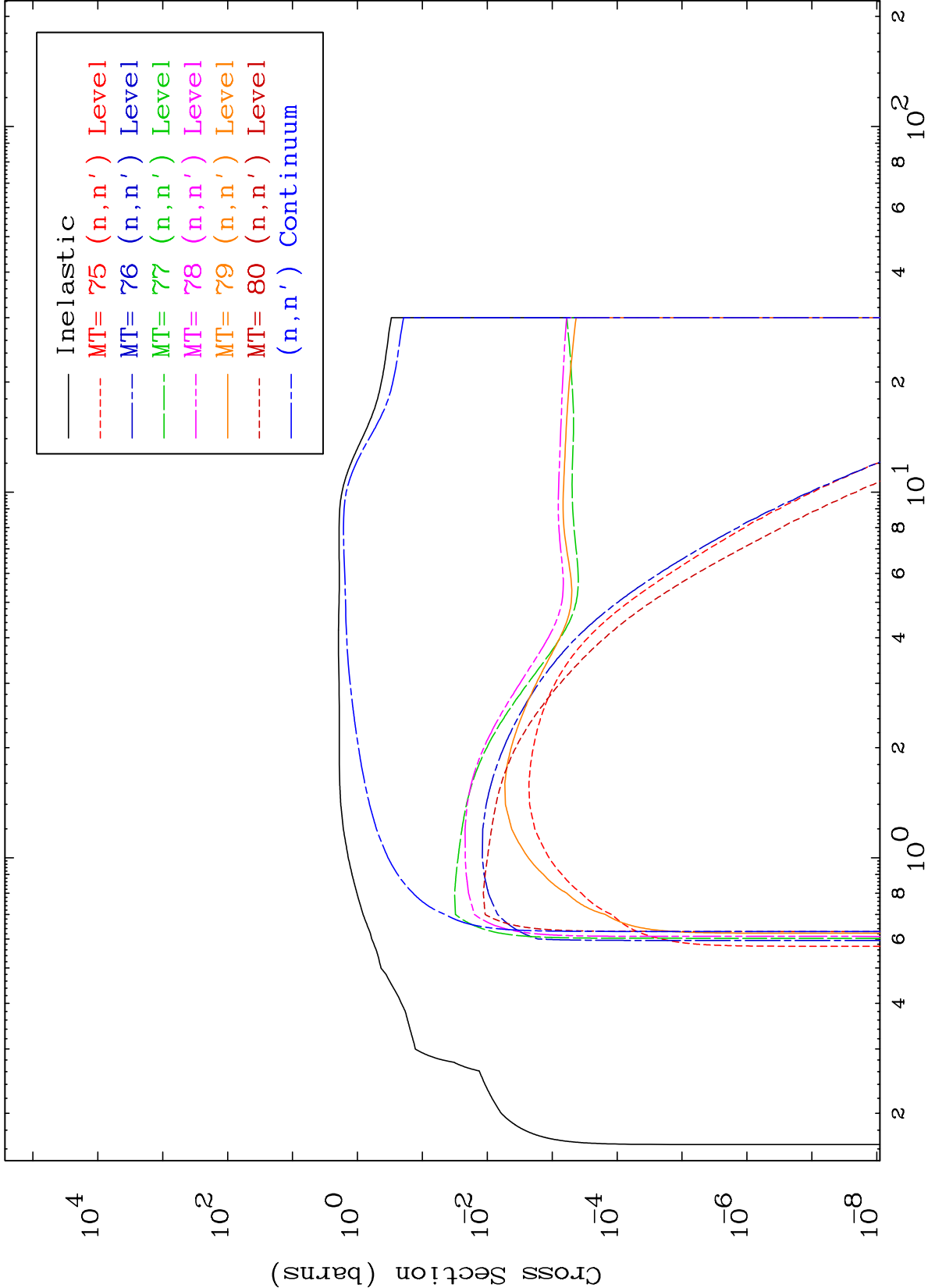








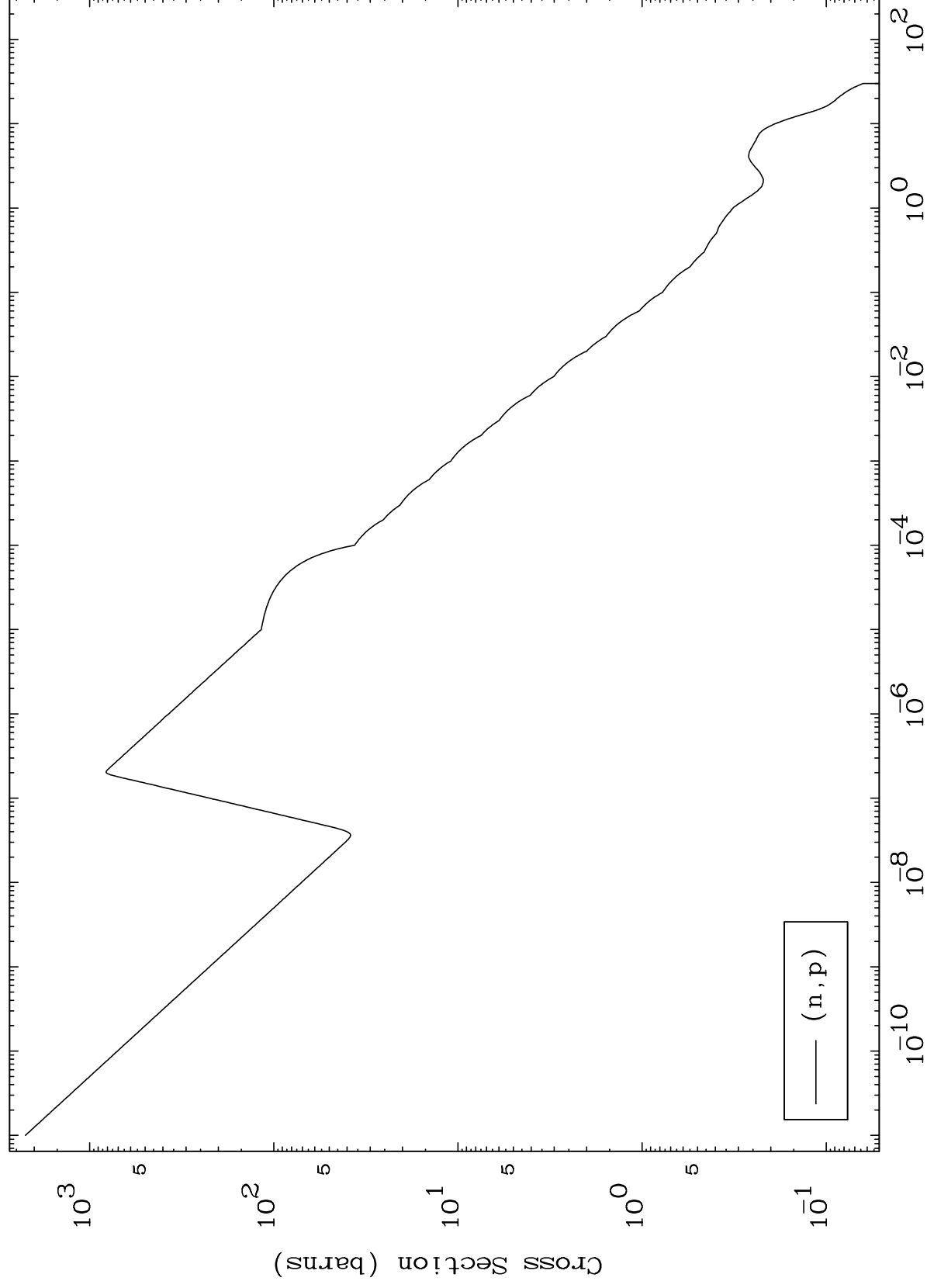




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(n,p) Levels
293 Kelvin Cross Sections

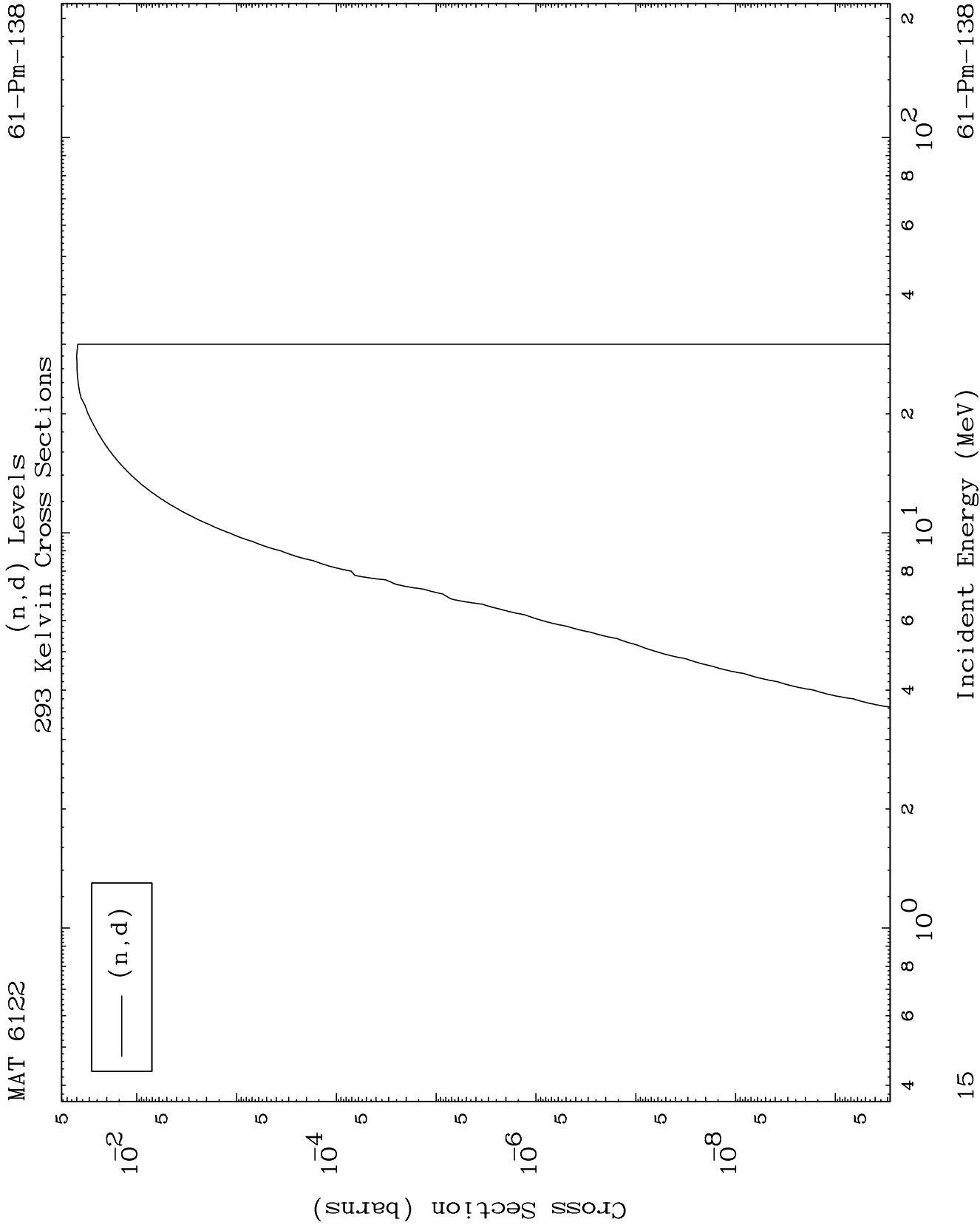
61-Pm-138



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Incident Energy (MeV)

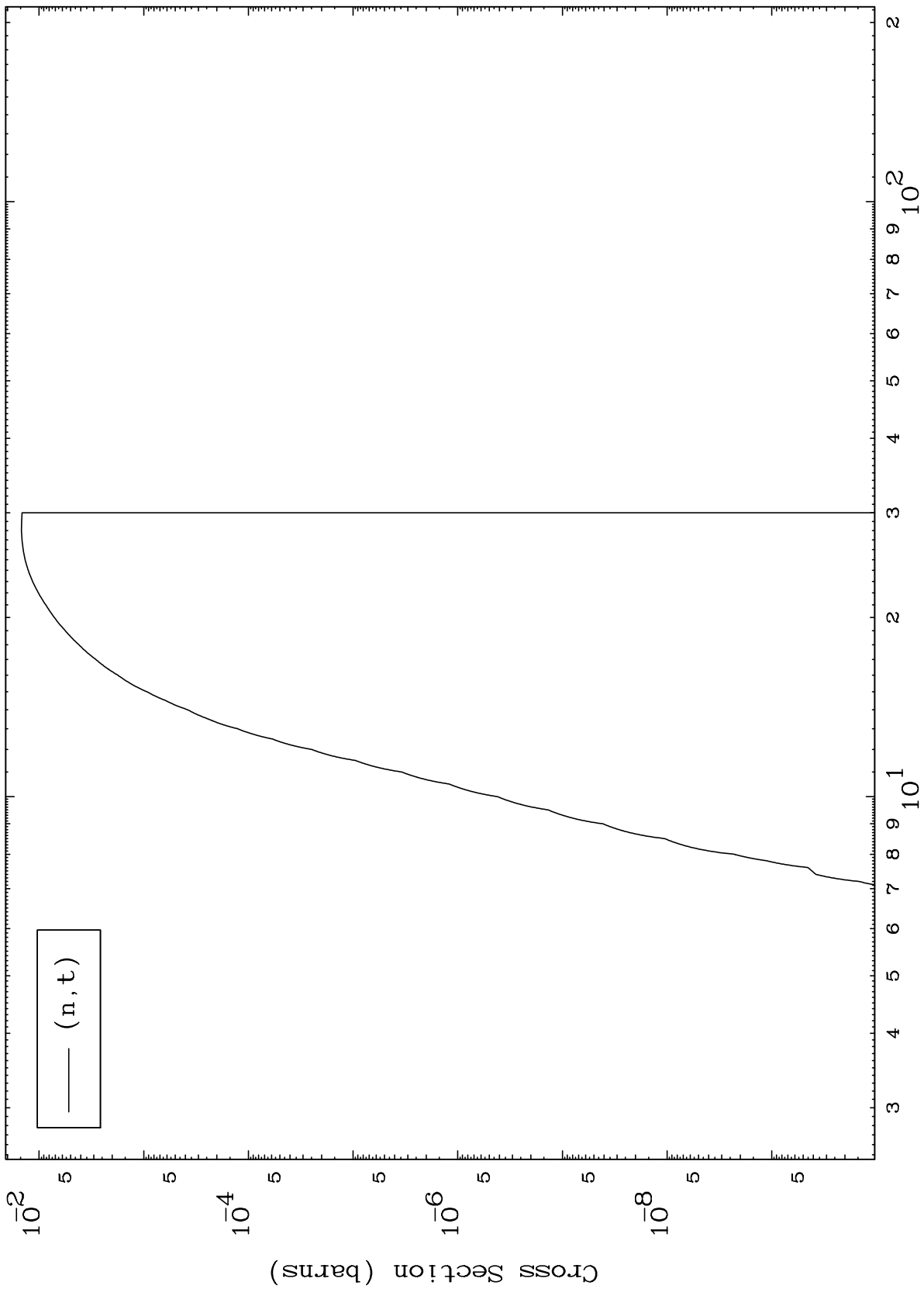
61-Pm-138



MAT 6122

61-Pm-138

(n,t) Levels
293 Kelvin Cross Sections



61-Pm-138

Incident Energy (MeV)

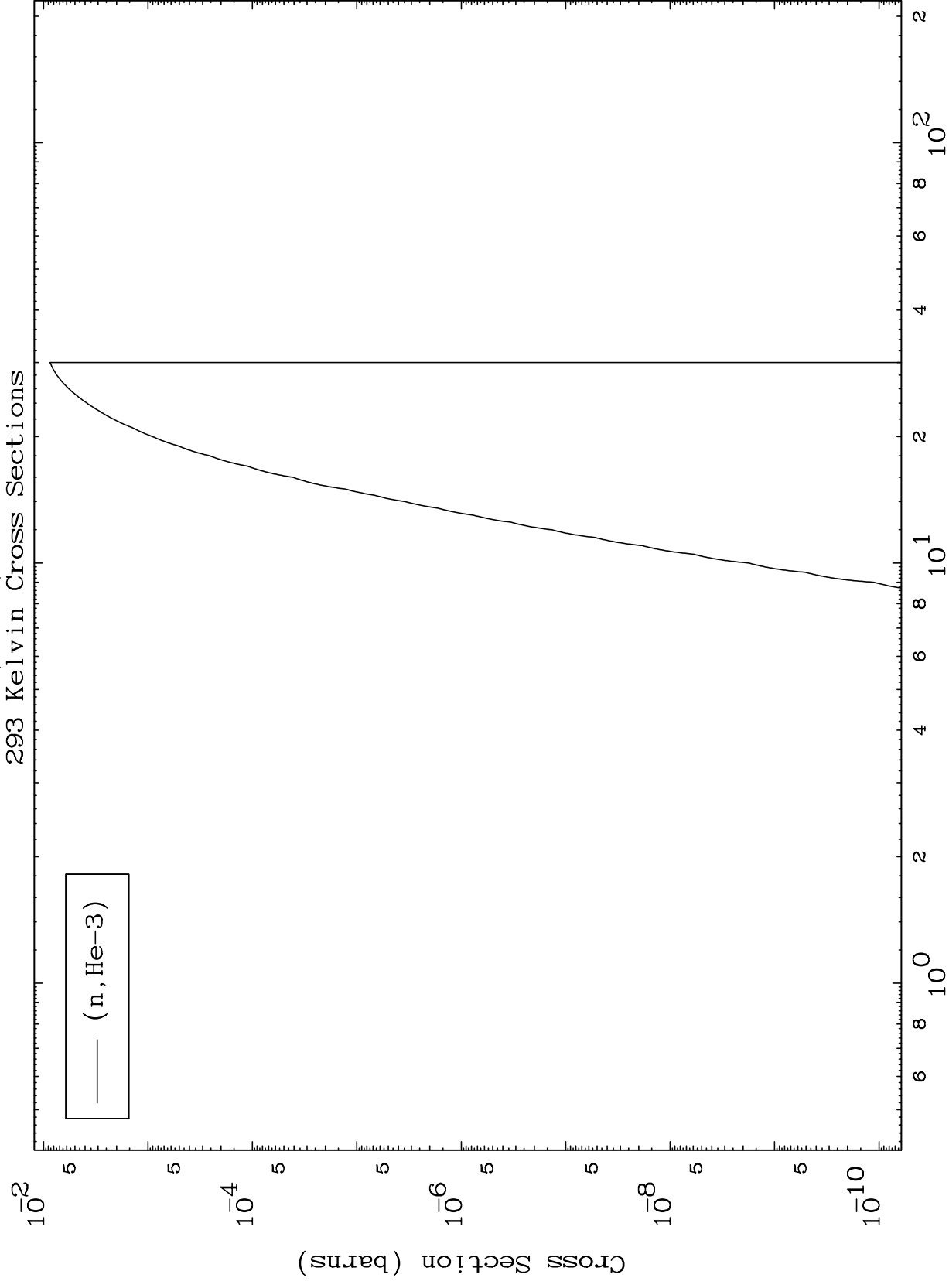
16

MAT 6122

(n, He3) Levels

61-Pm-138

293 Kelvin Cross Sections



21

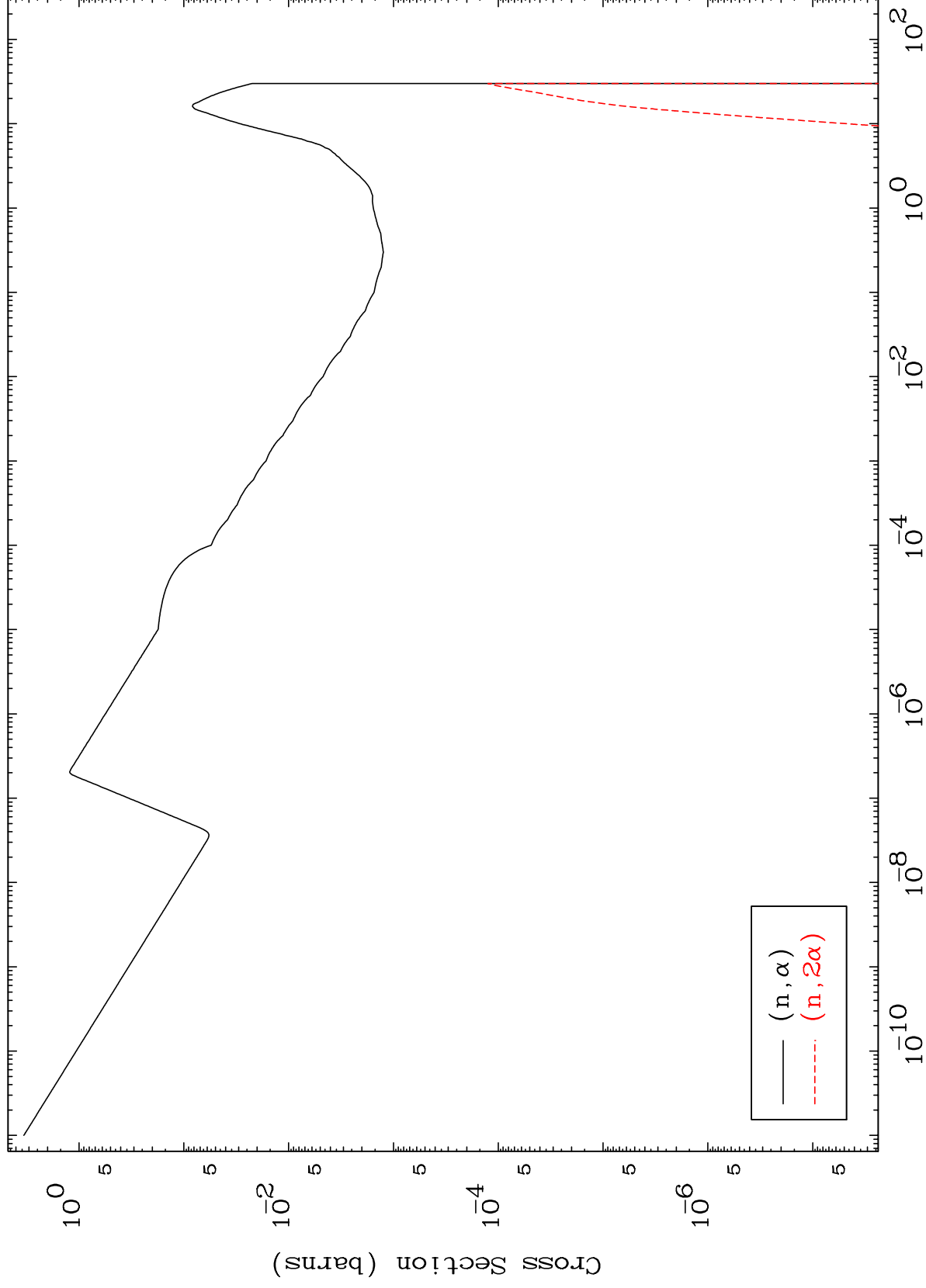
Incident Energy (MeV)

61-Pm-138

MAT 6122

(n, α) Levels
293 Kelvin Cross Sections

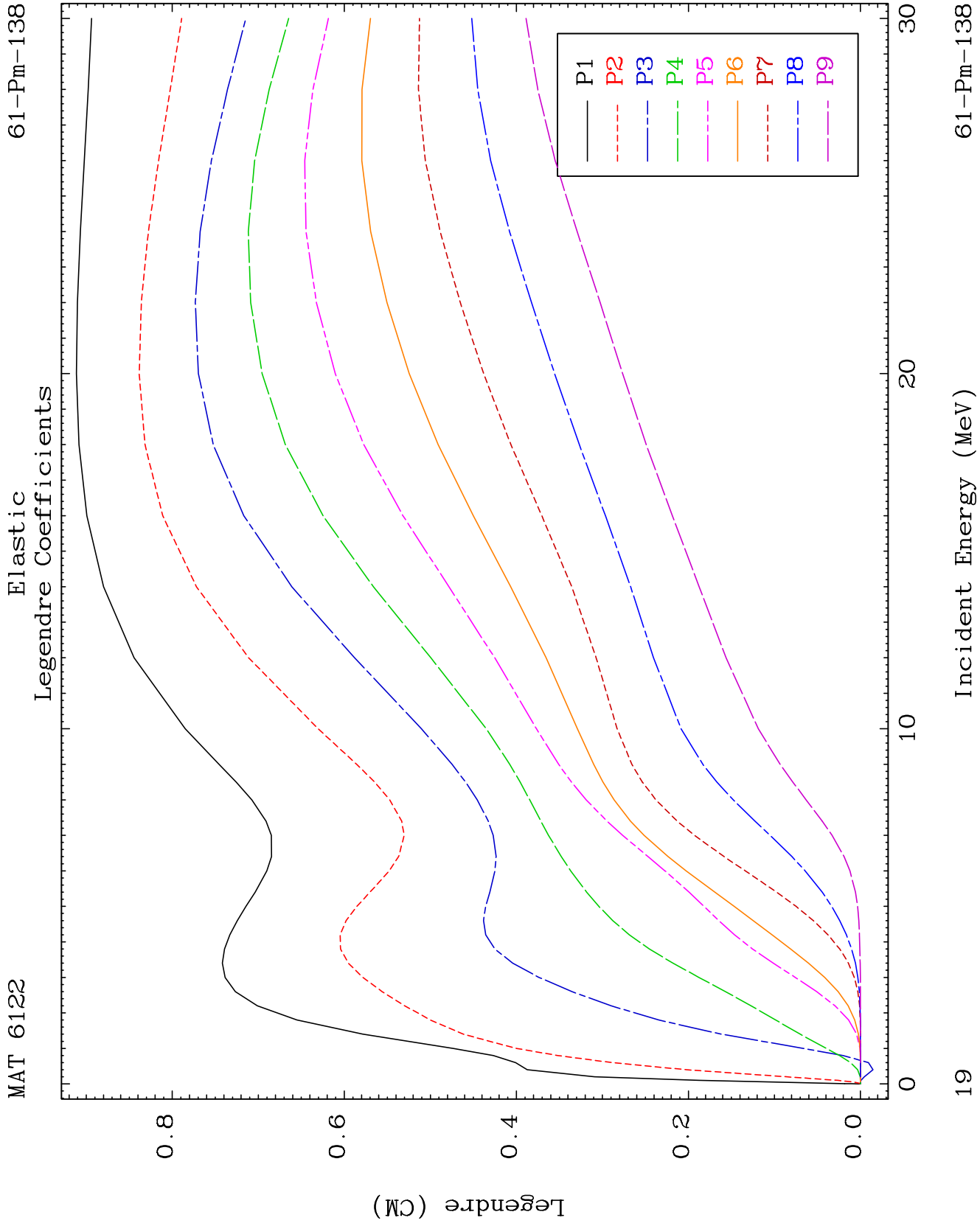
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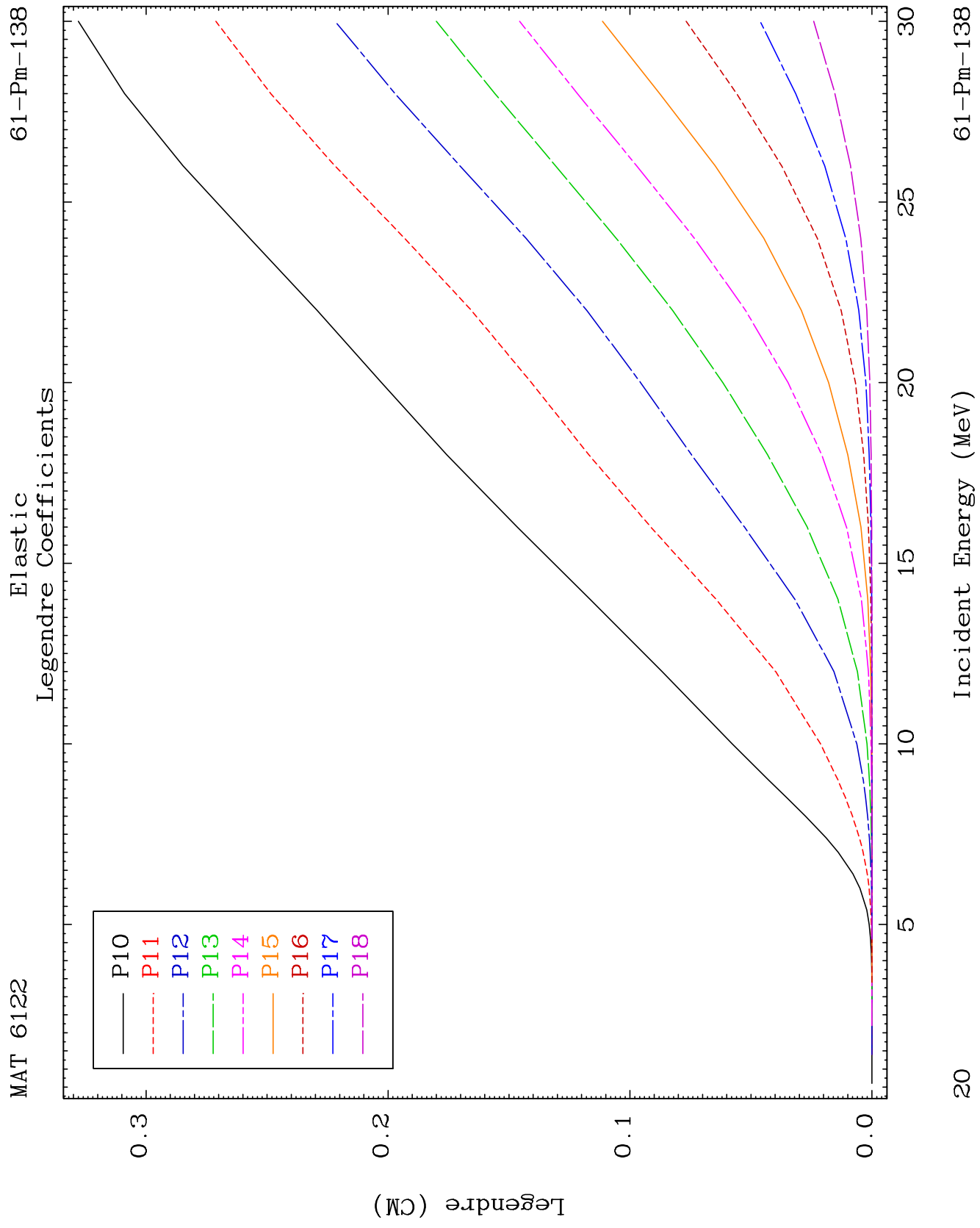


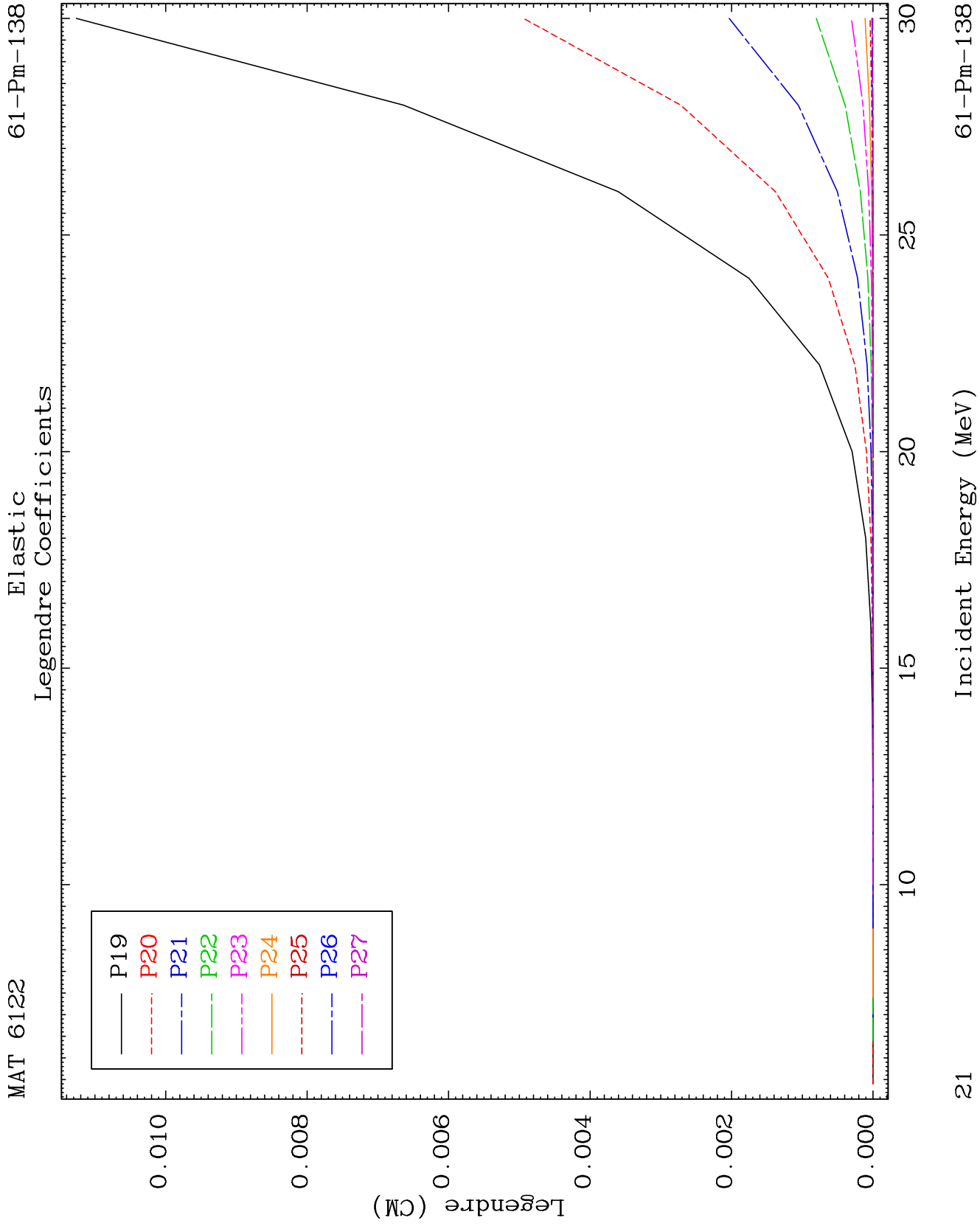
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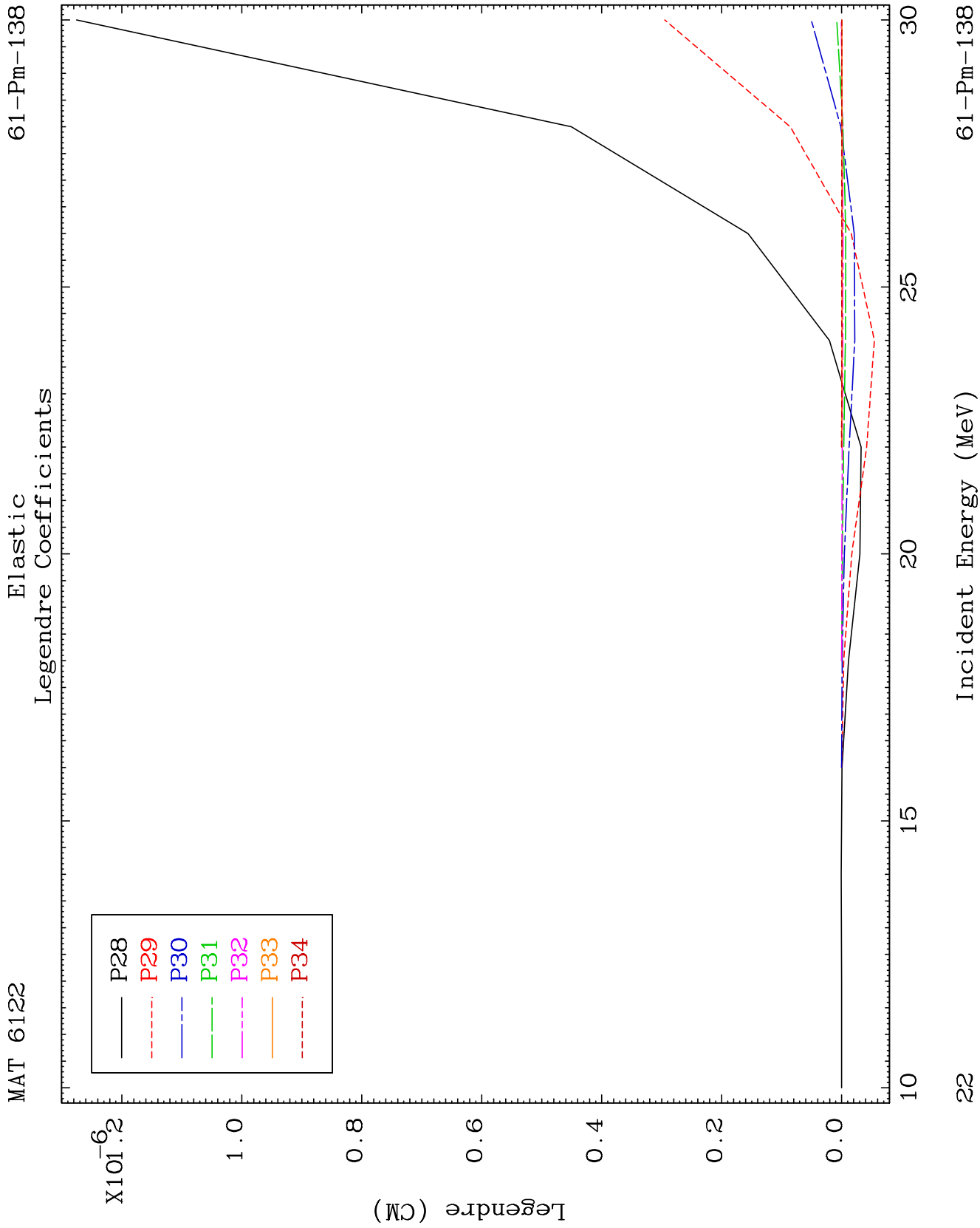
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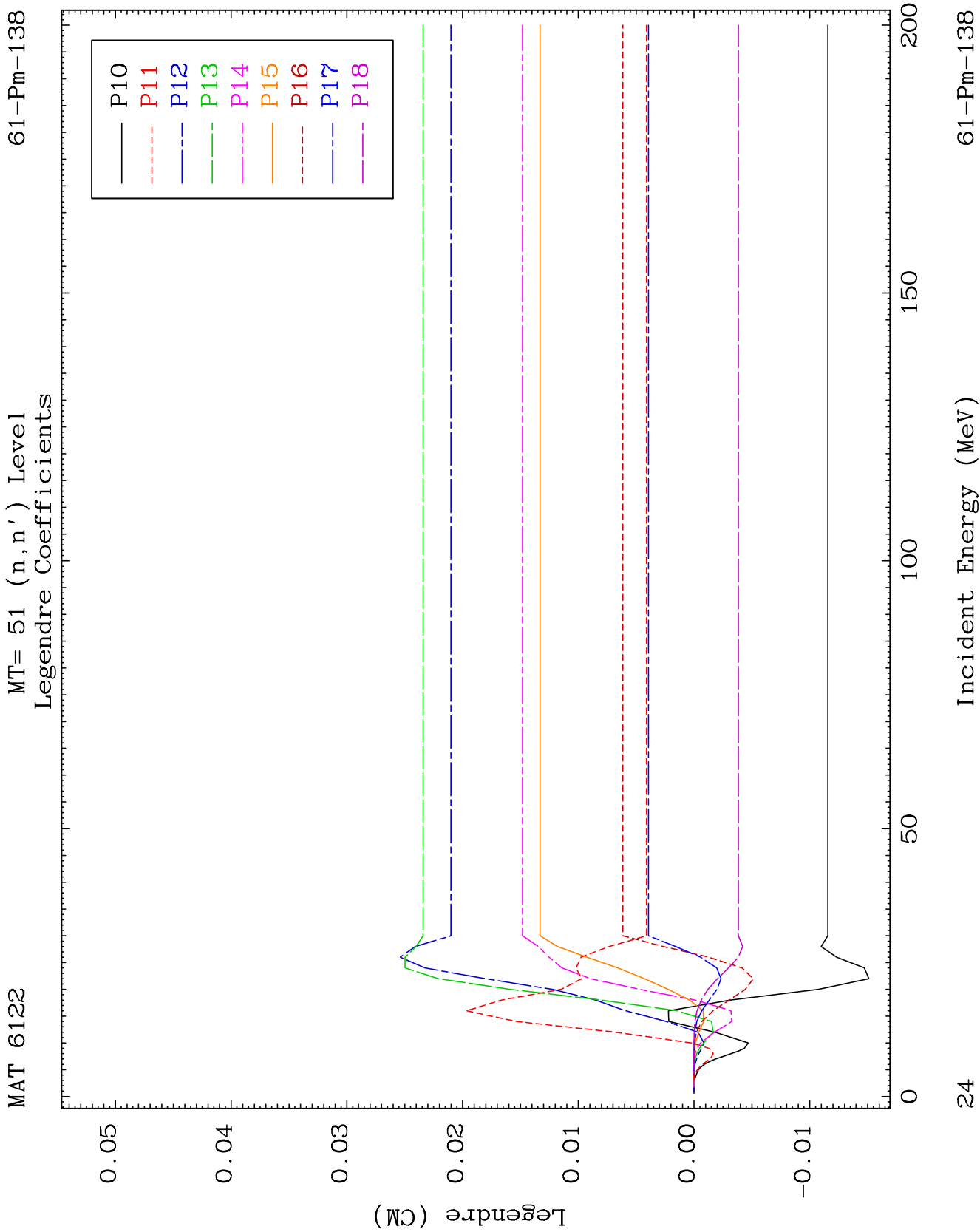
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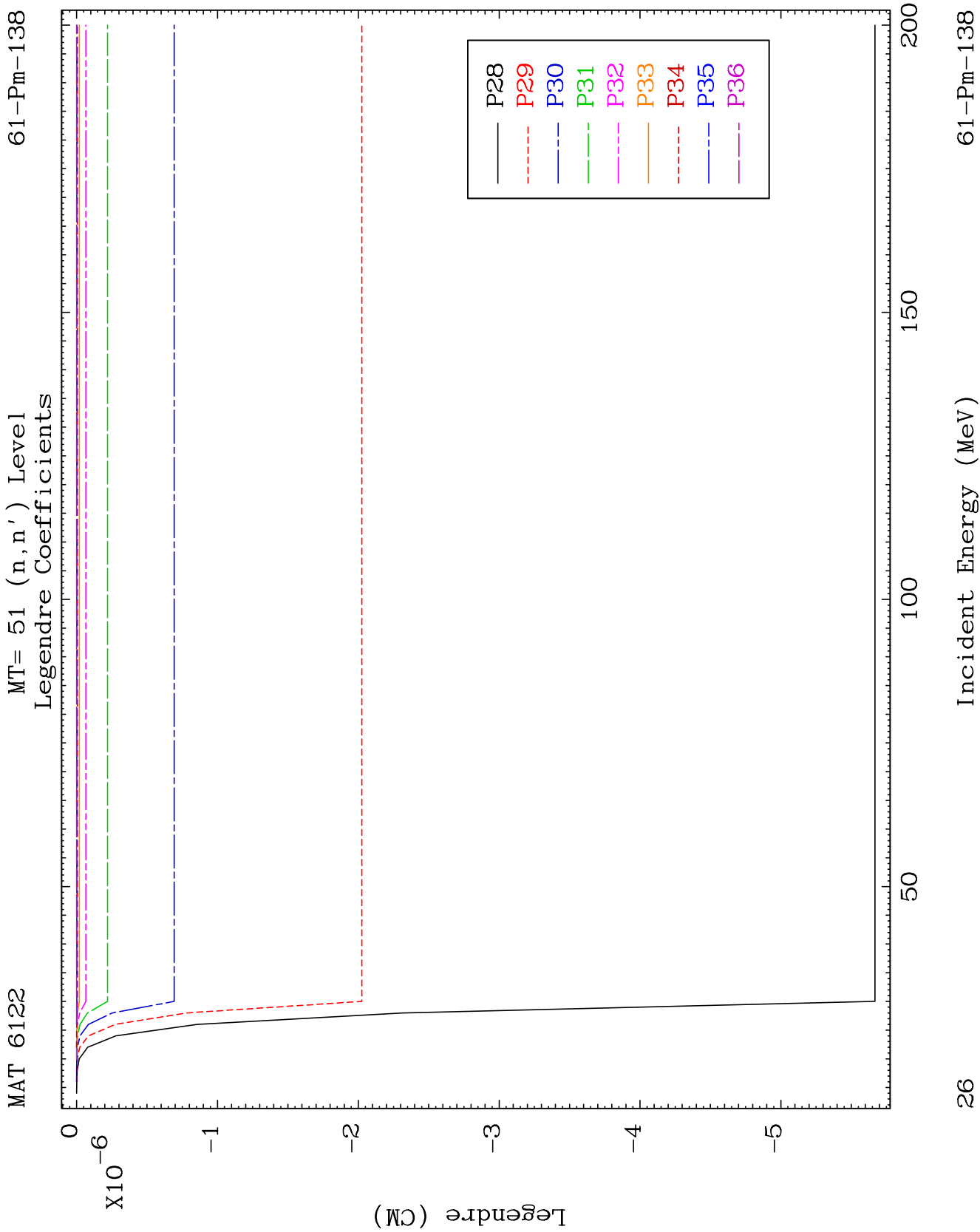








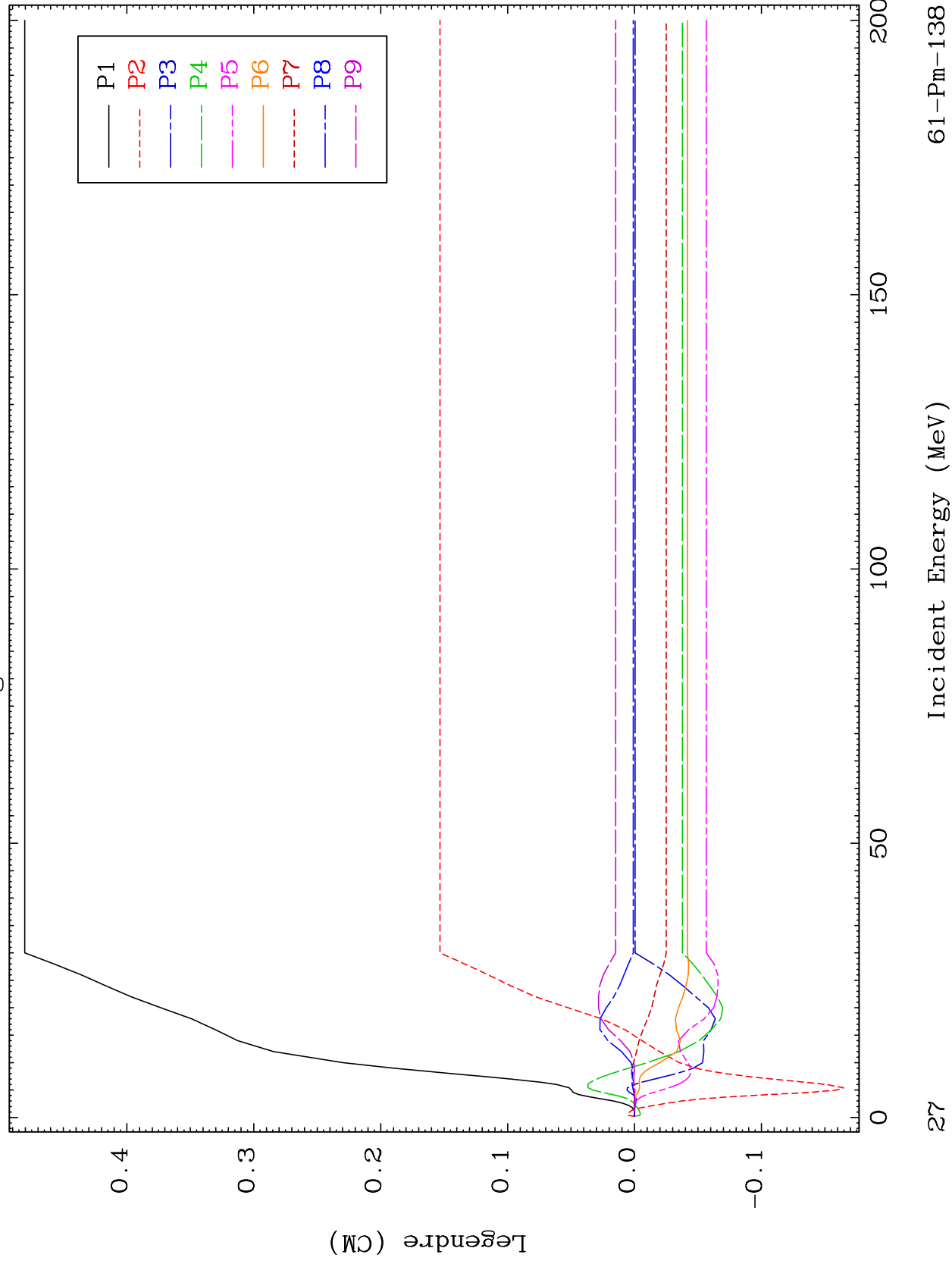


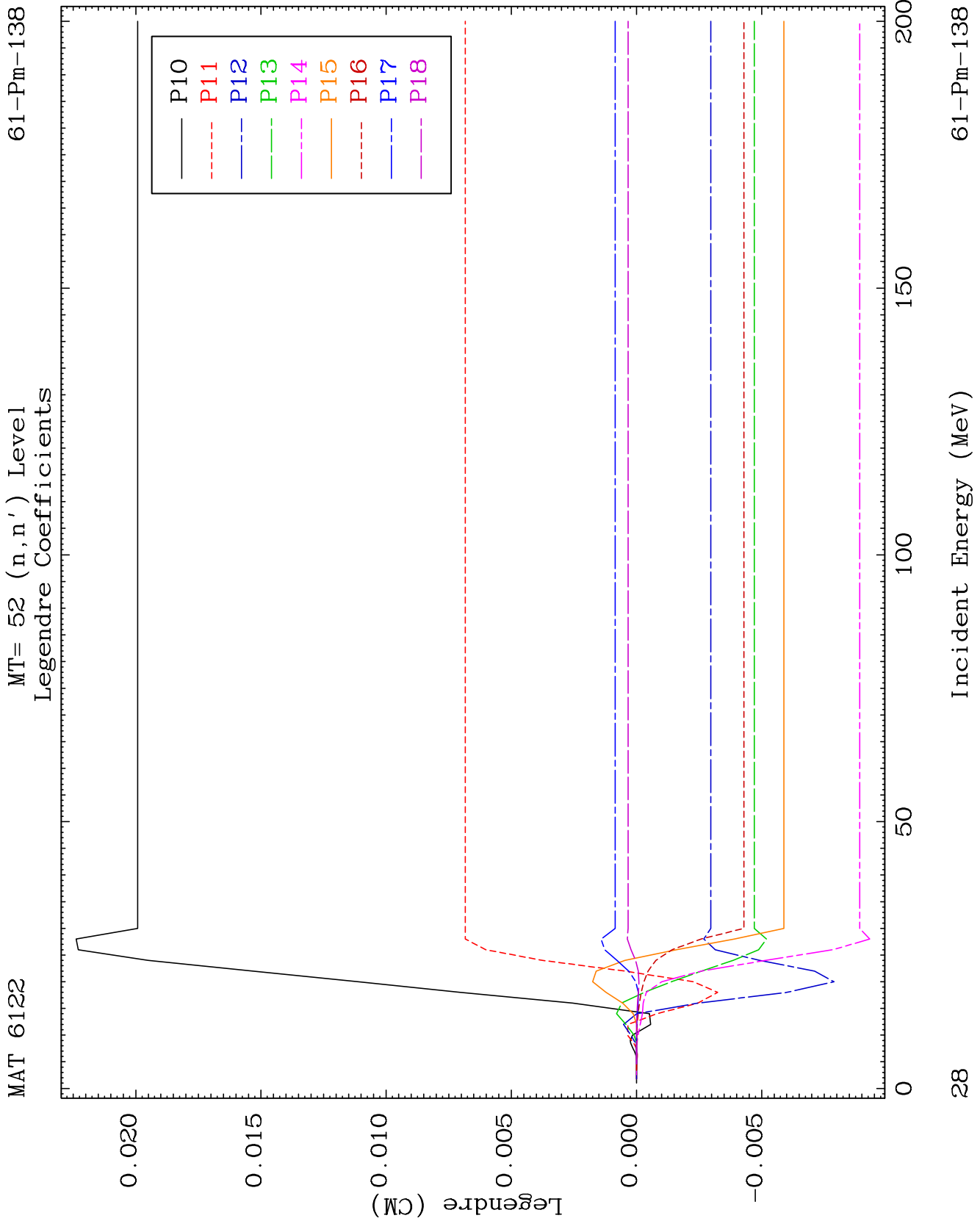


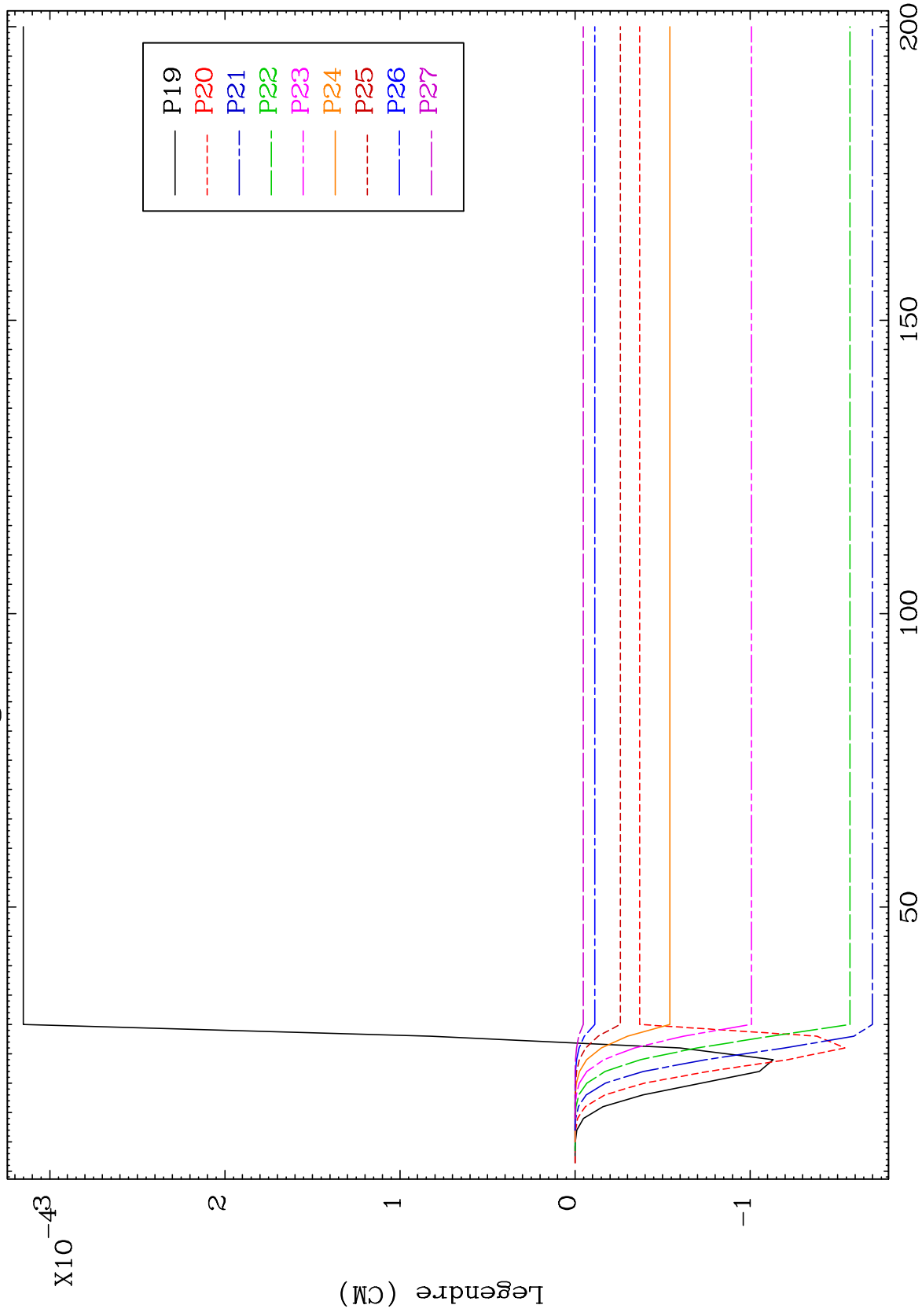
MAT 6122

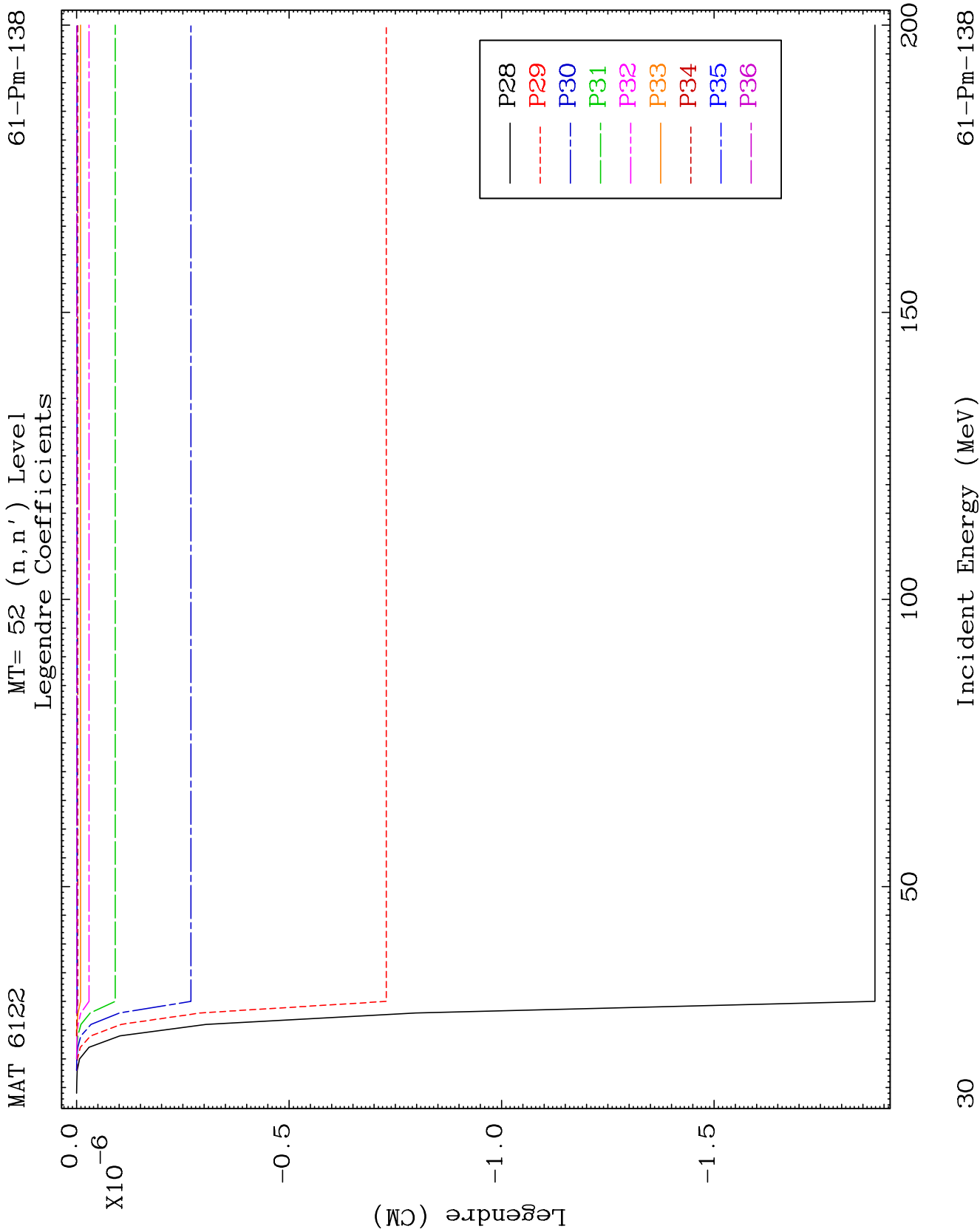
MT= 52 (n, n') Level
Legendre Coefficients

61-Pm-138





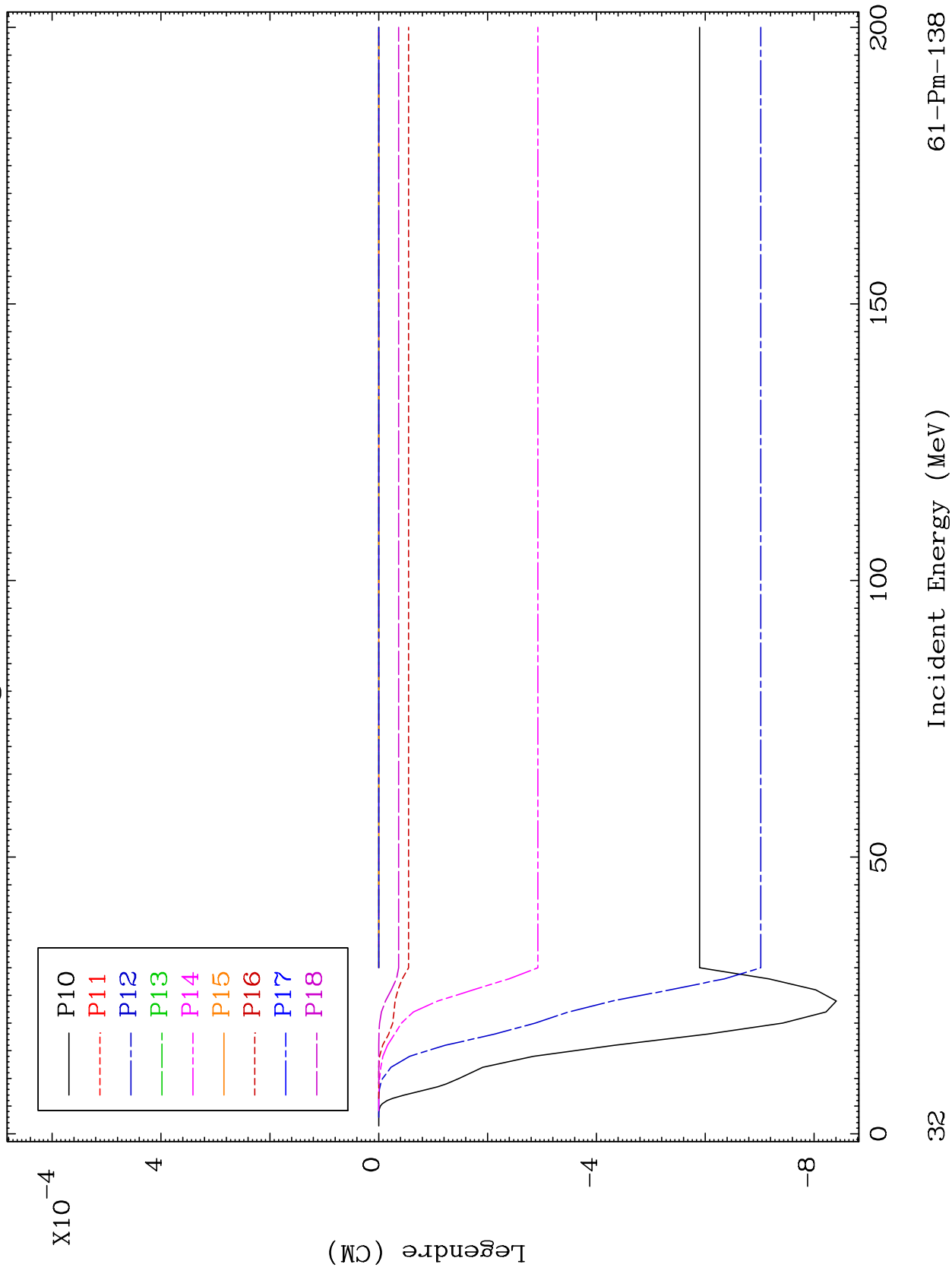


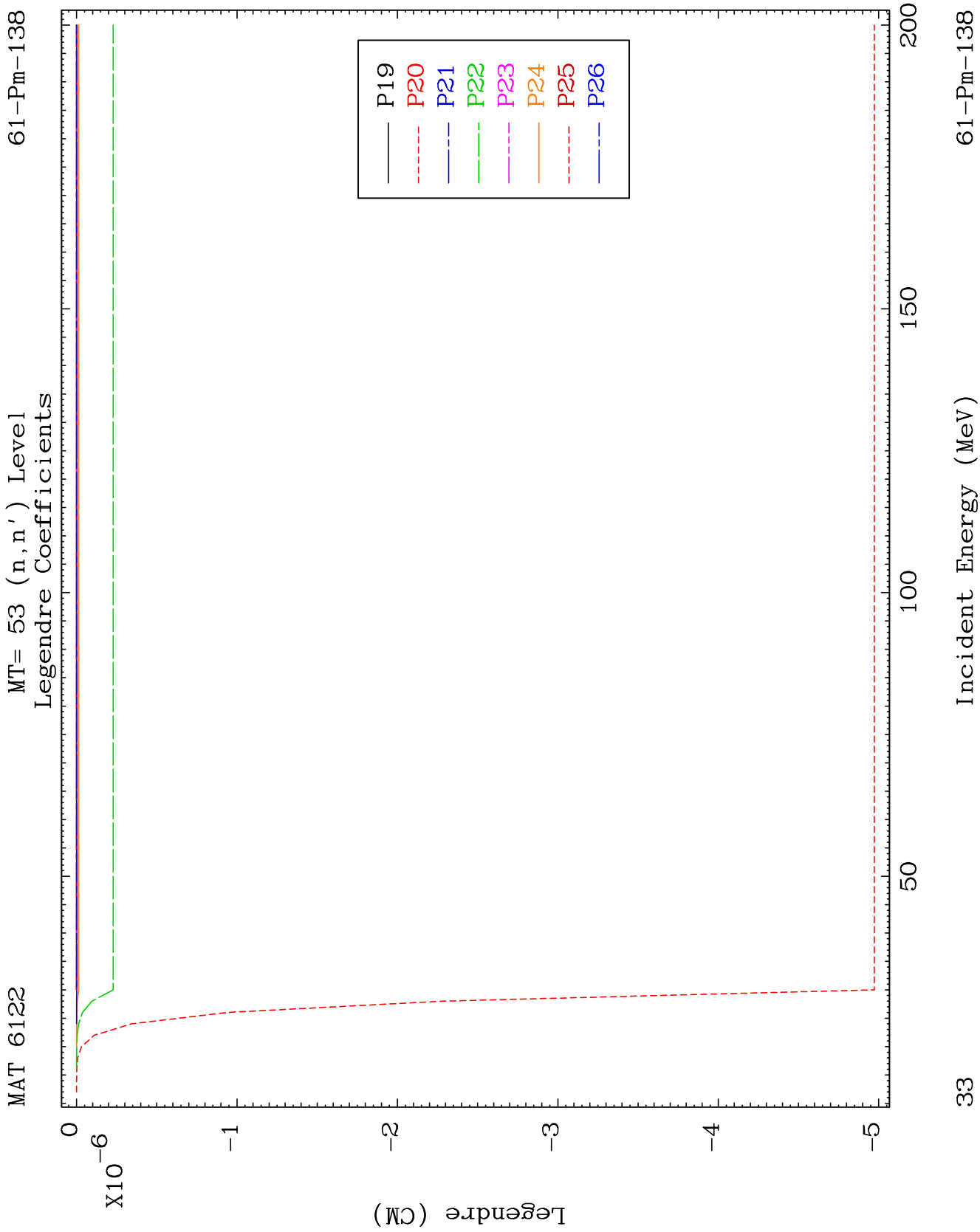


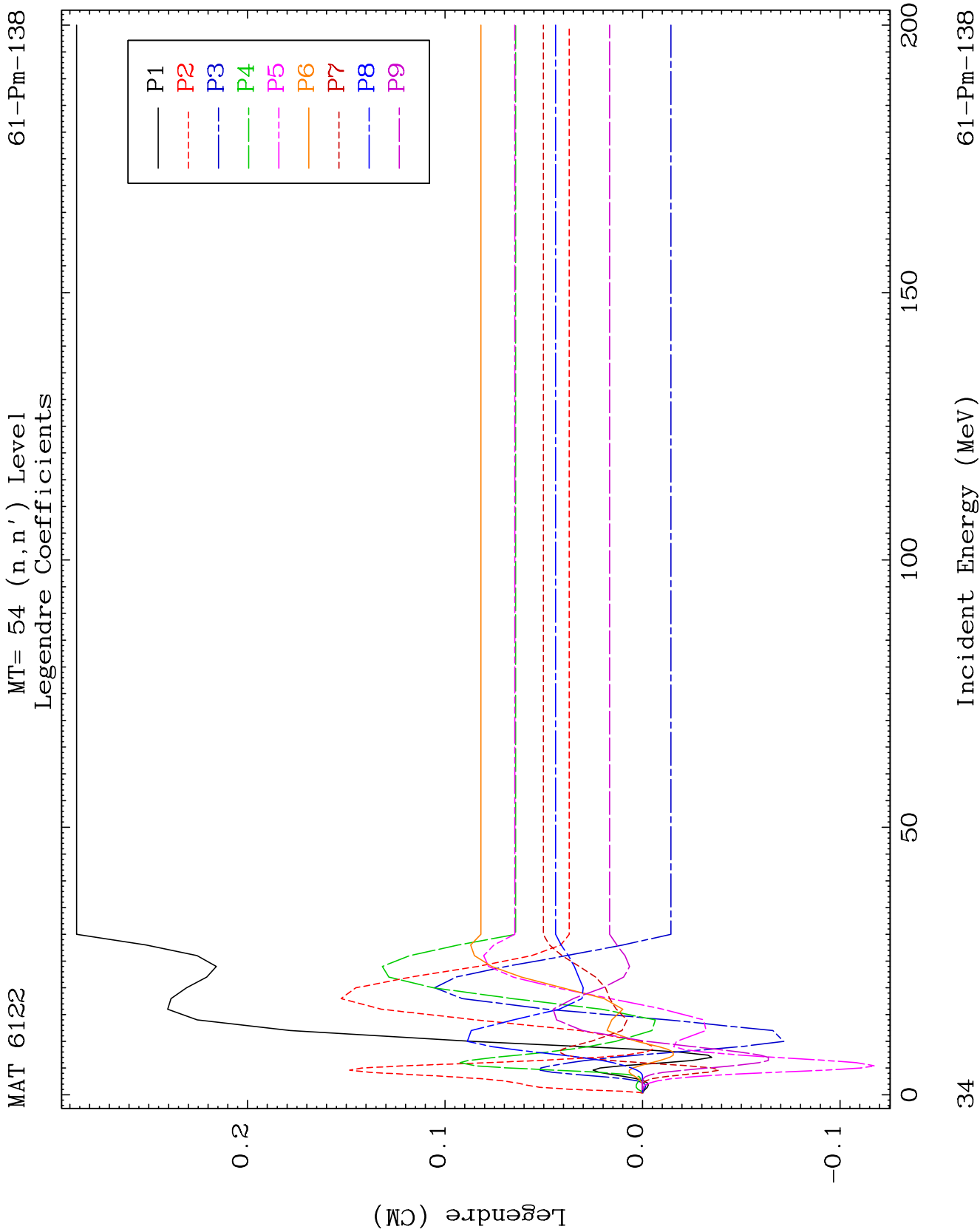
MAT 6122

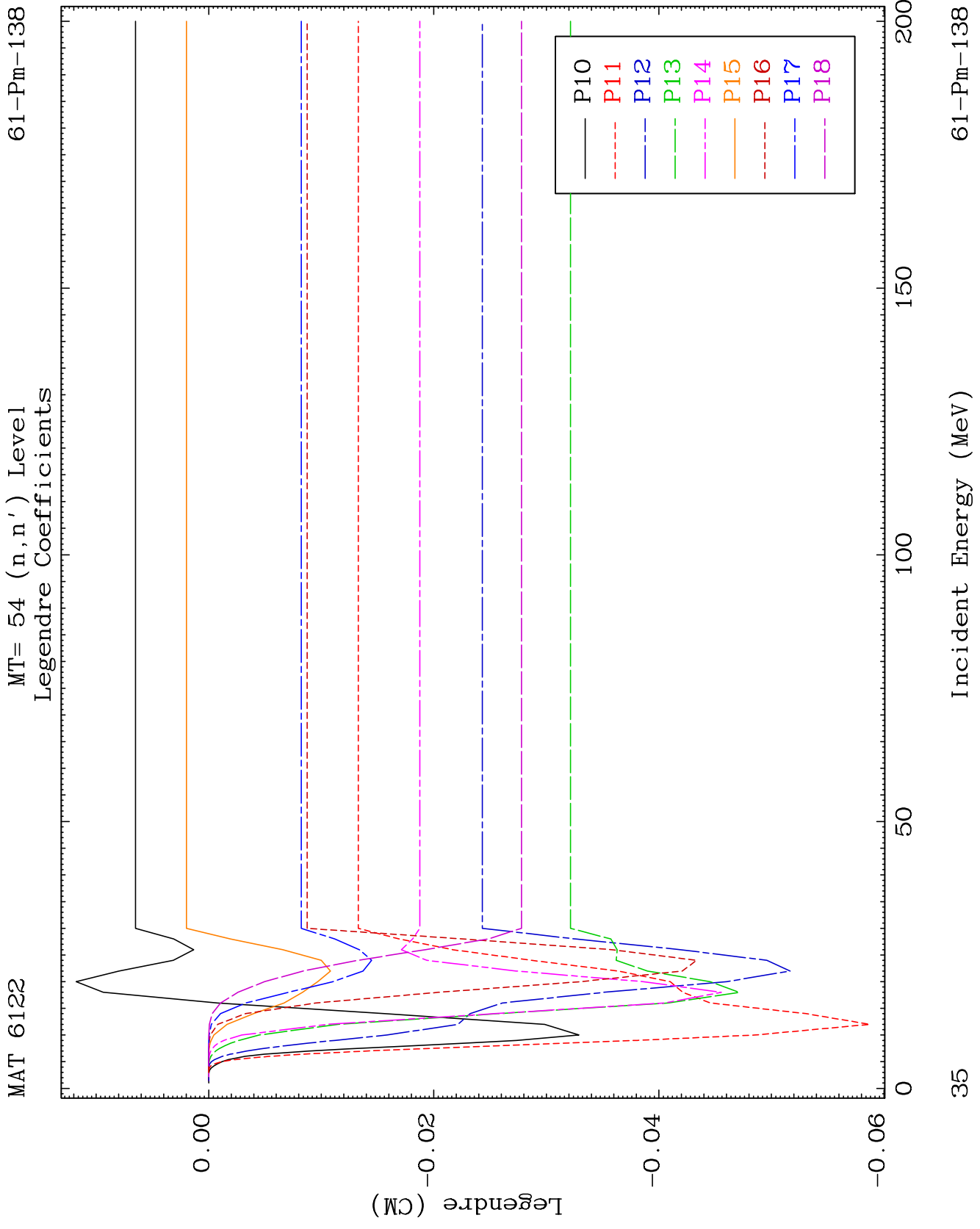
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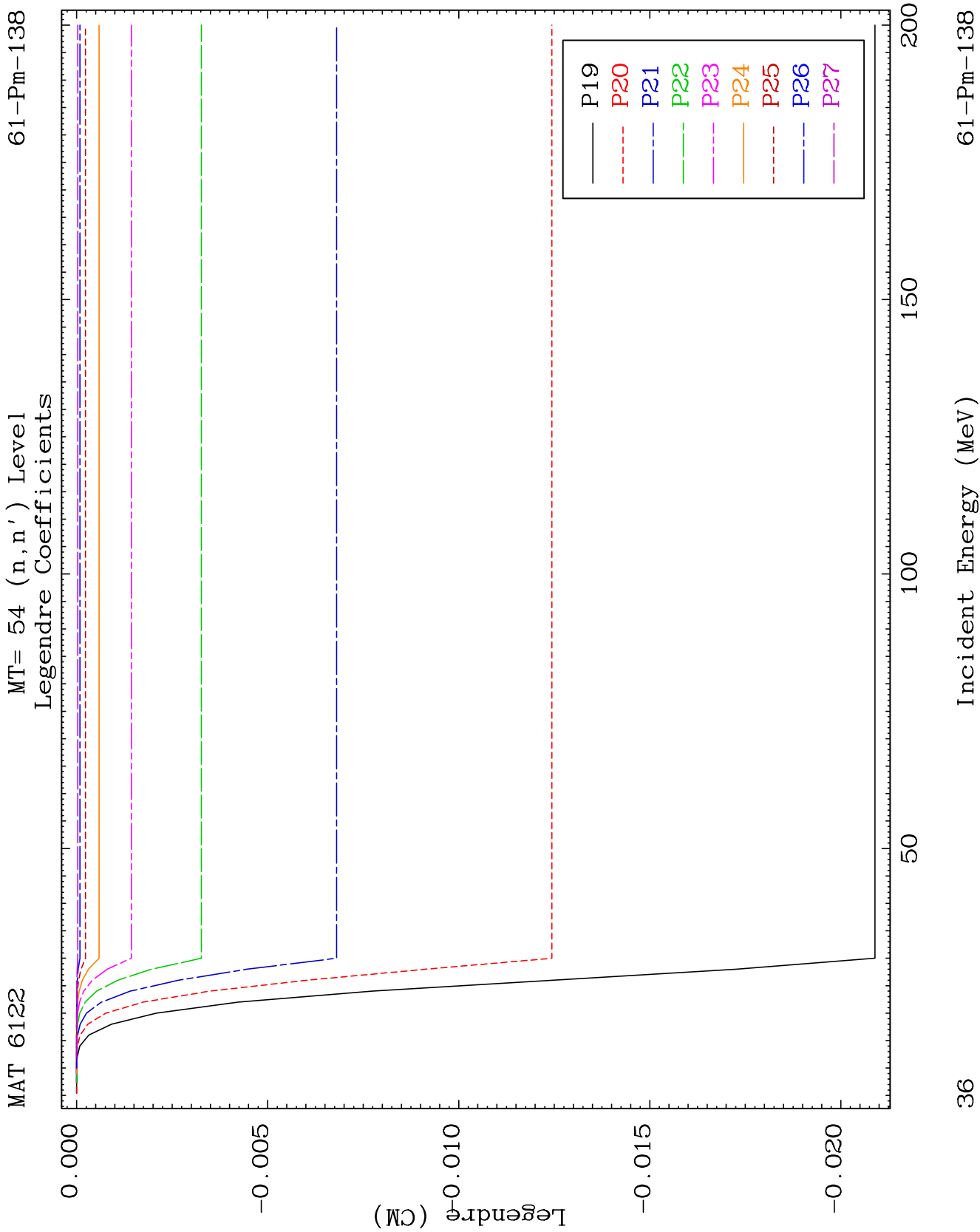
MT= 53 (n, n') Level
Legendre Coefficients









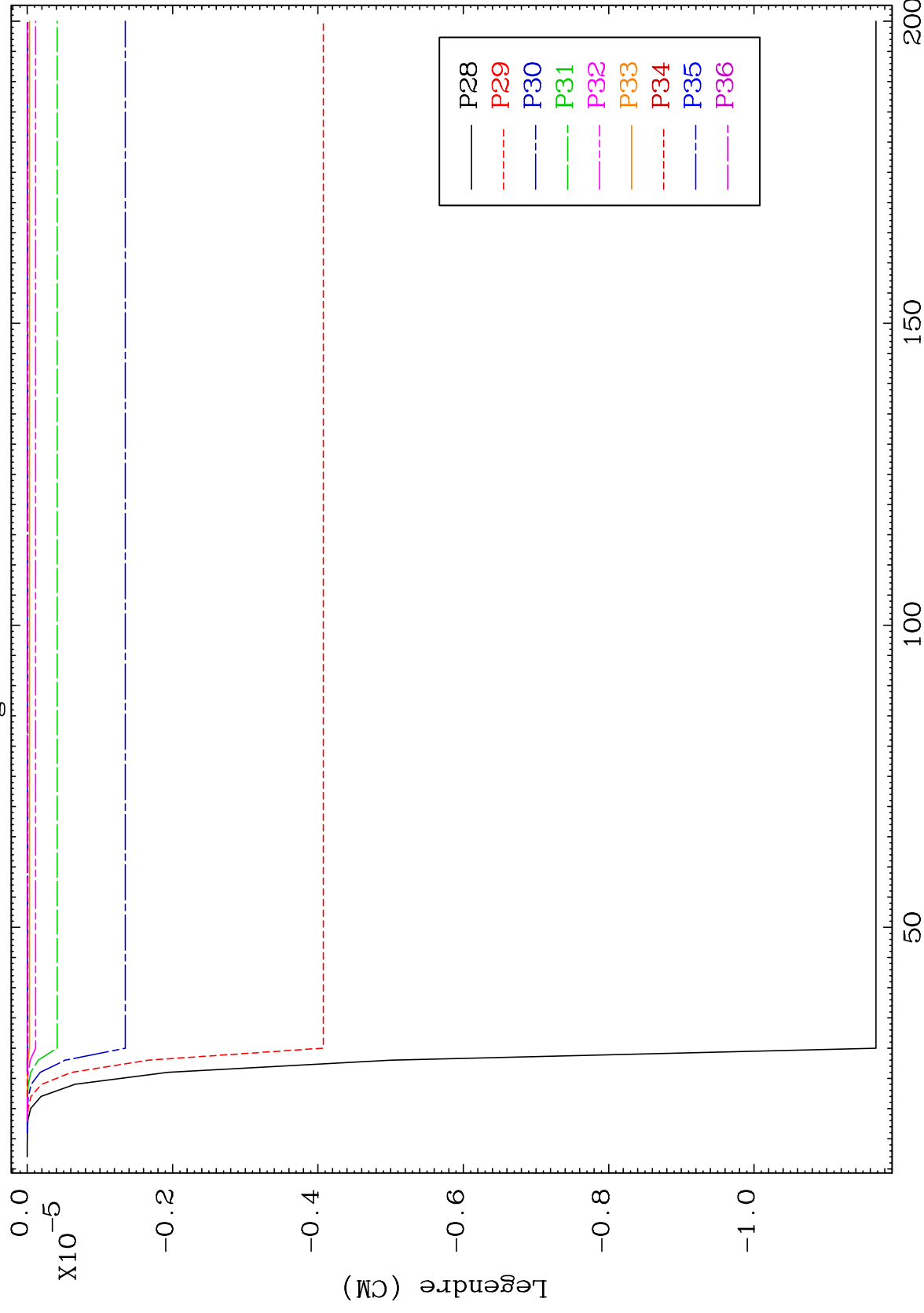


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MT=54 (n,n') Level

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Legendre Coefficients



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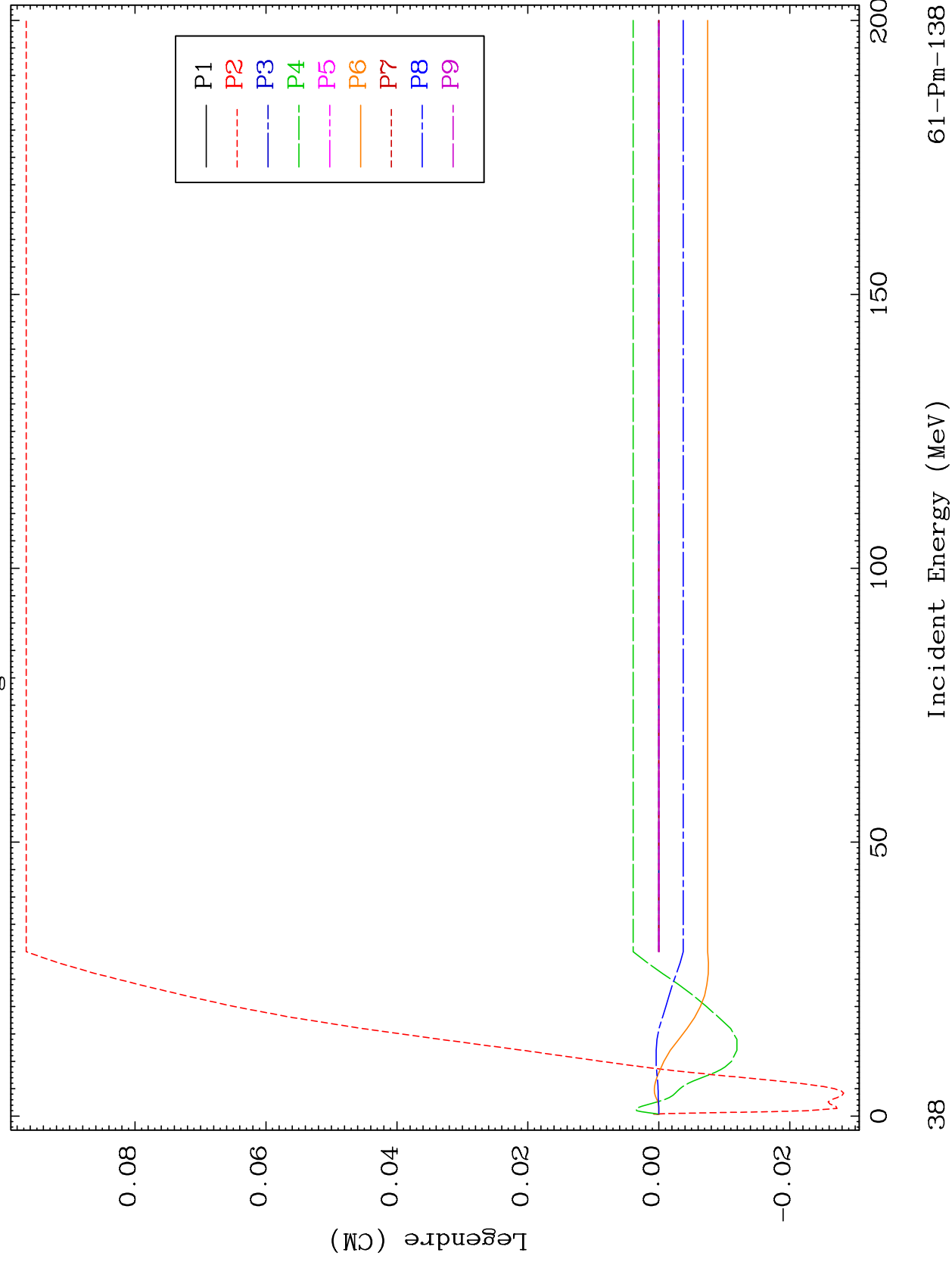
Incident Energy (MeV)

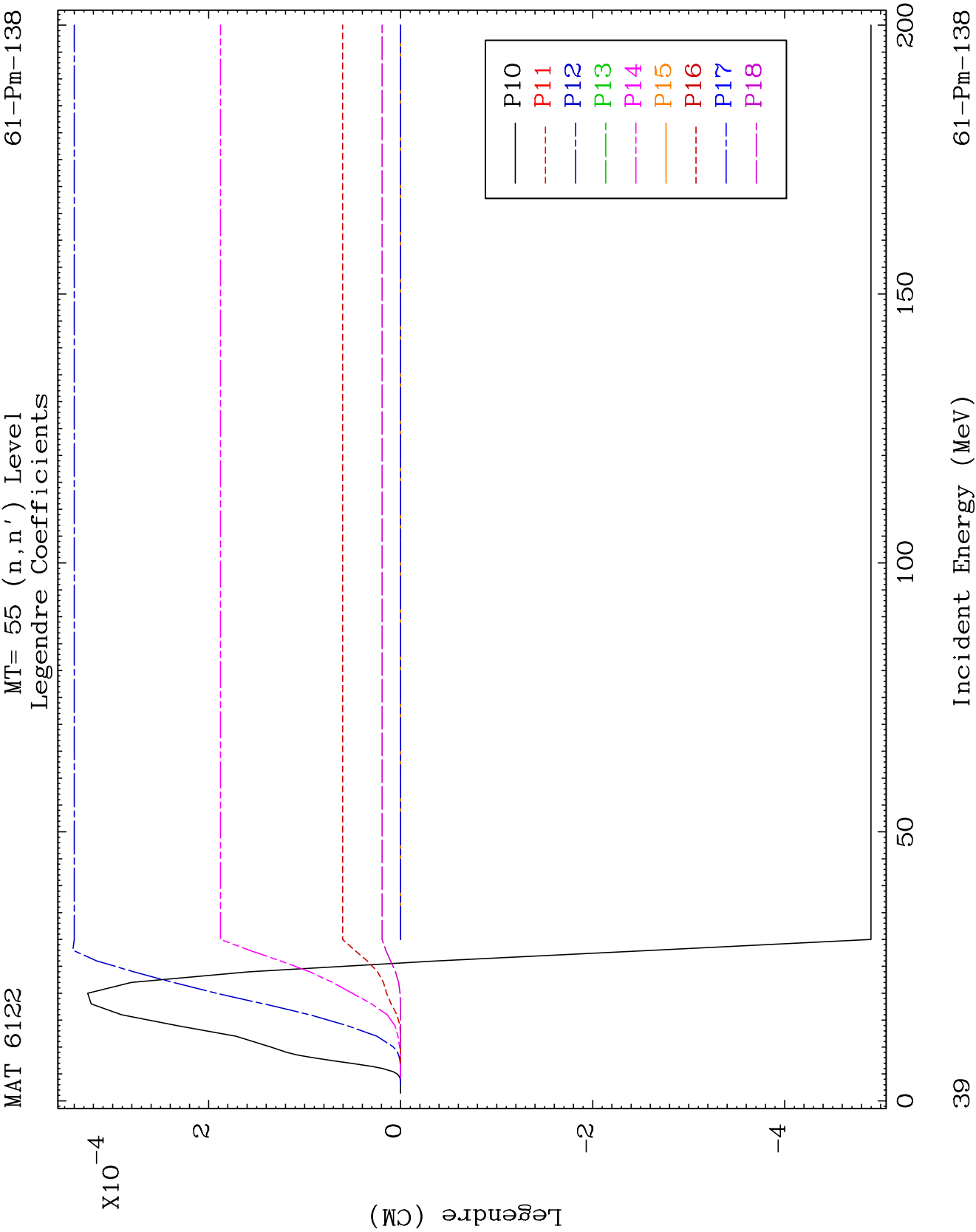
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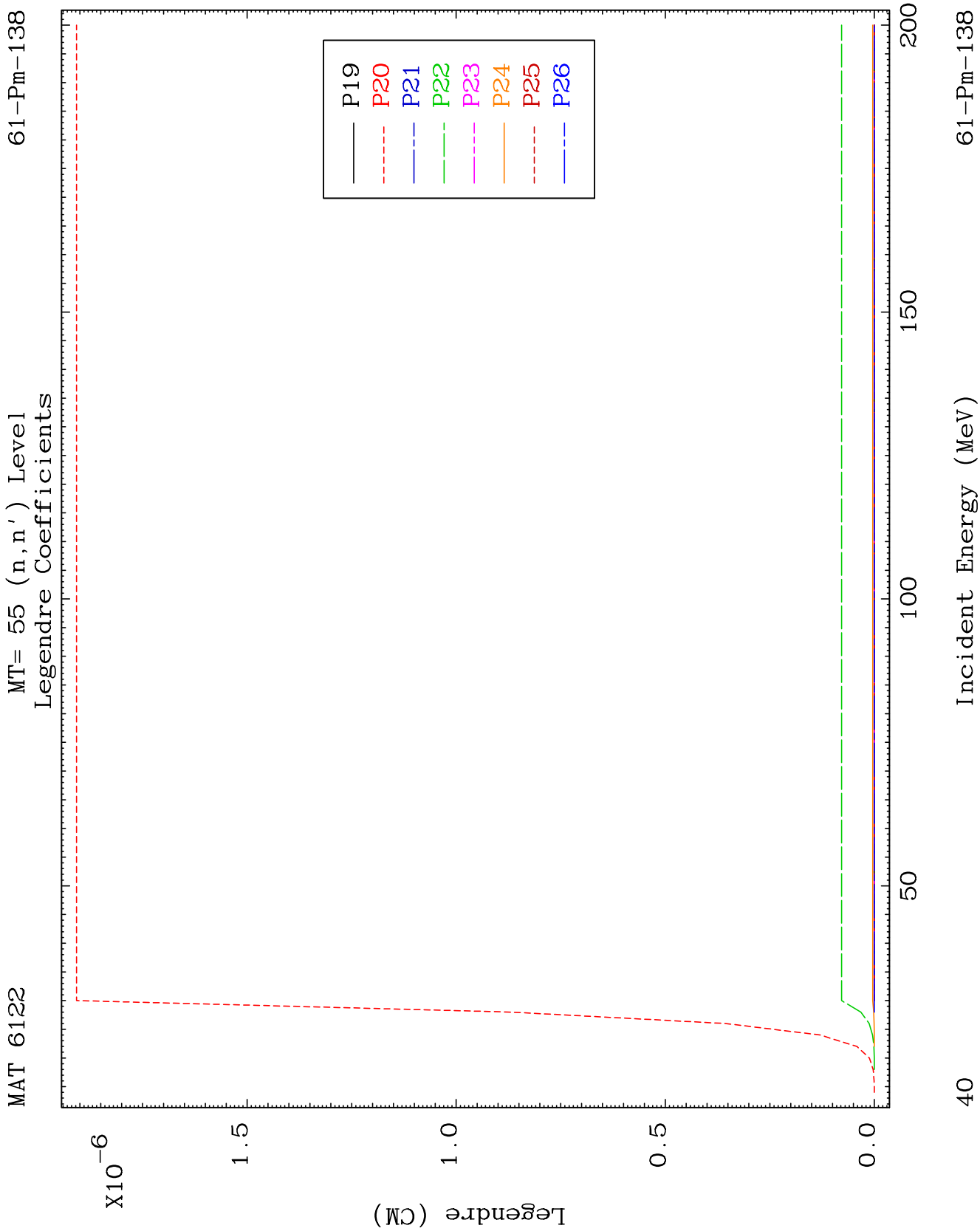
MAT 6122

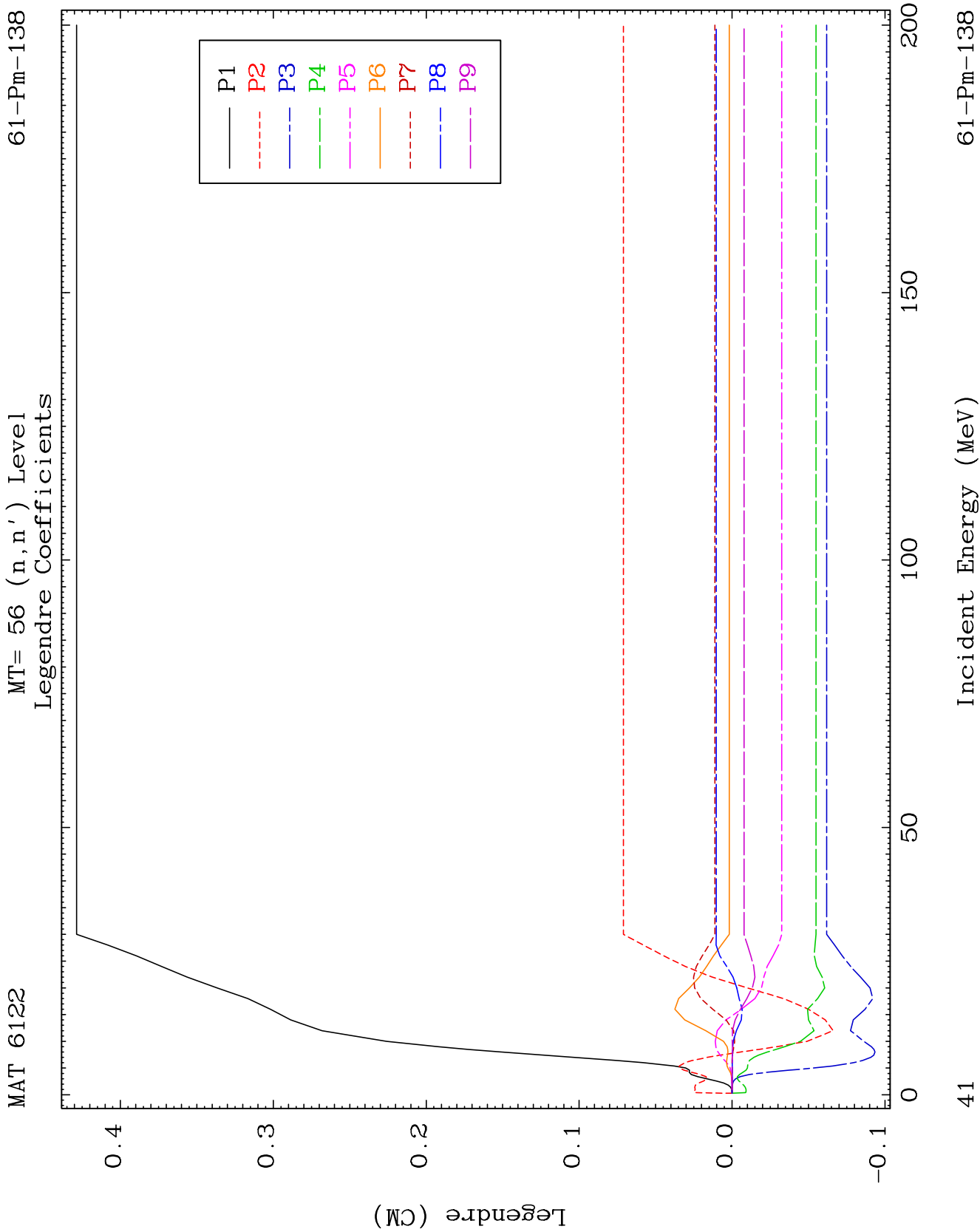
MT= 55 (n, n') Level
Legendre Coefficients

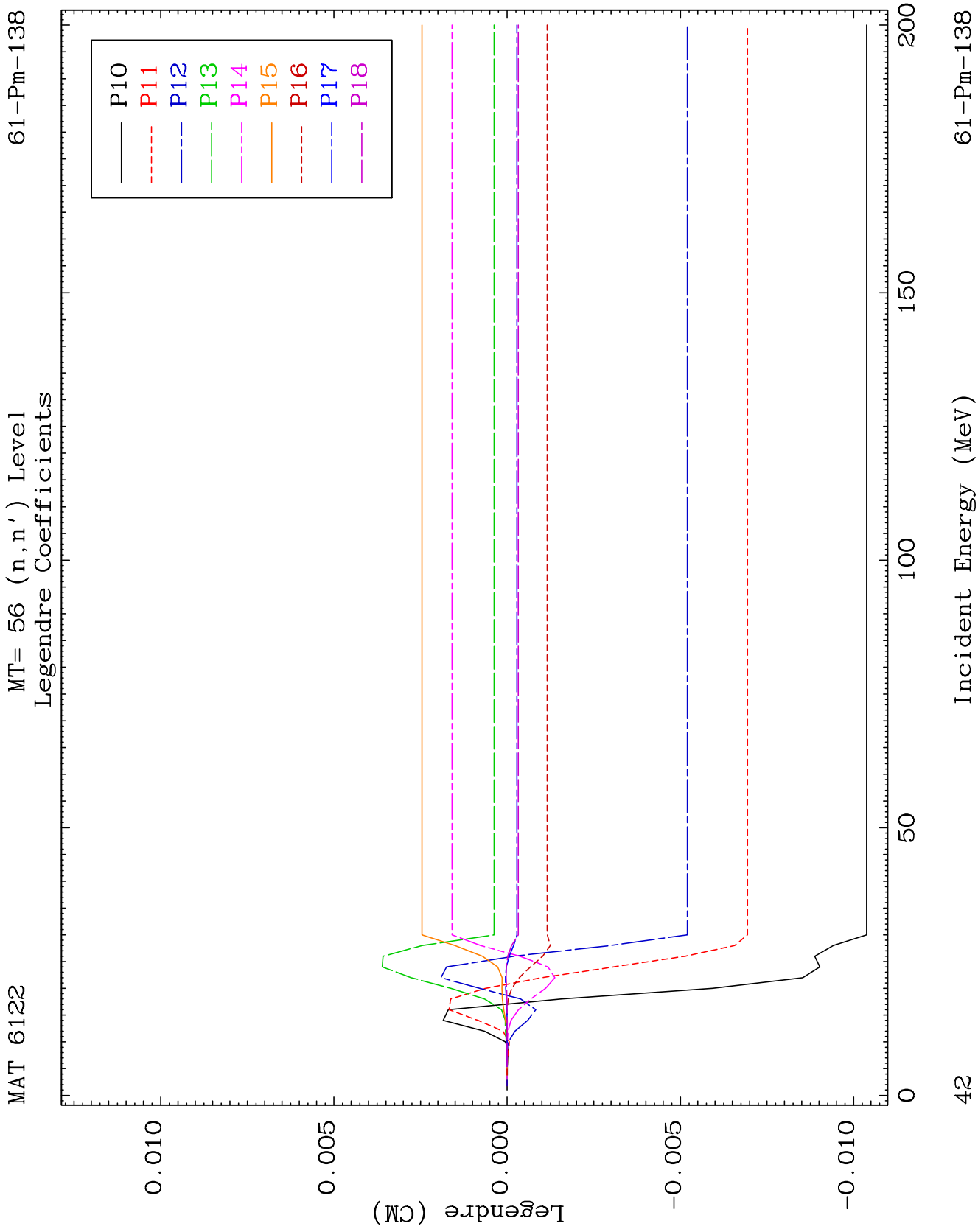
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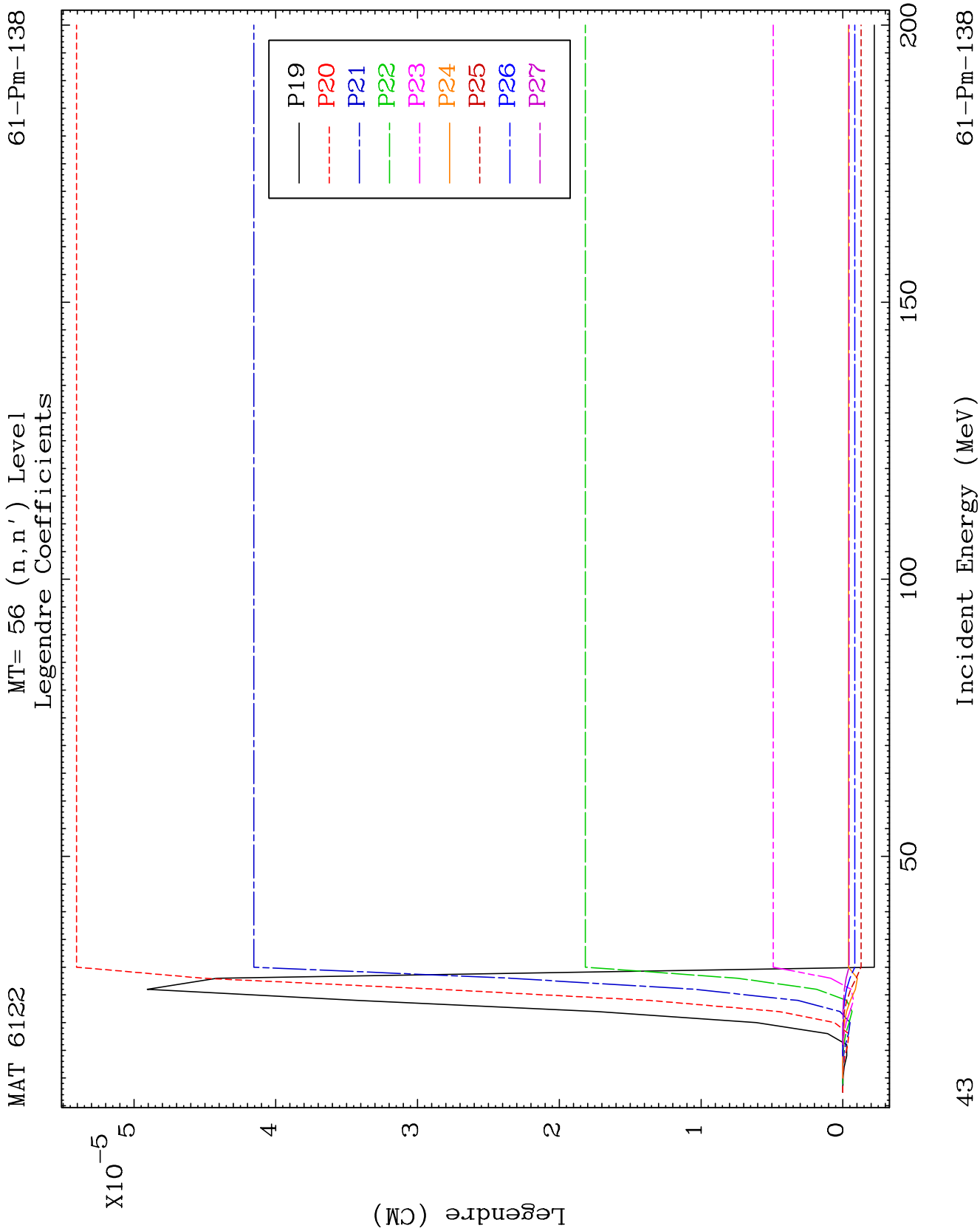


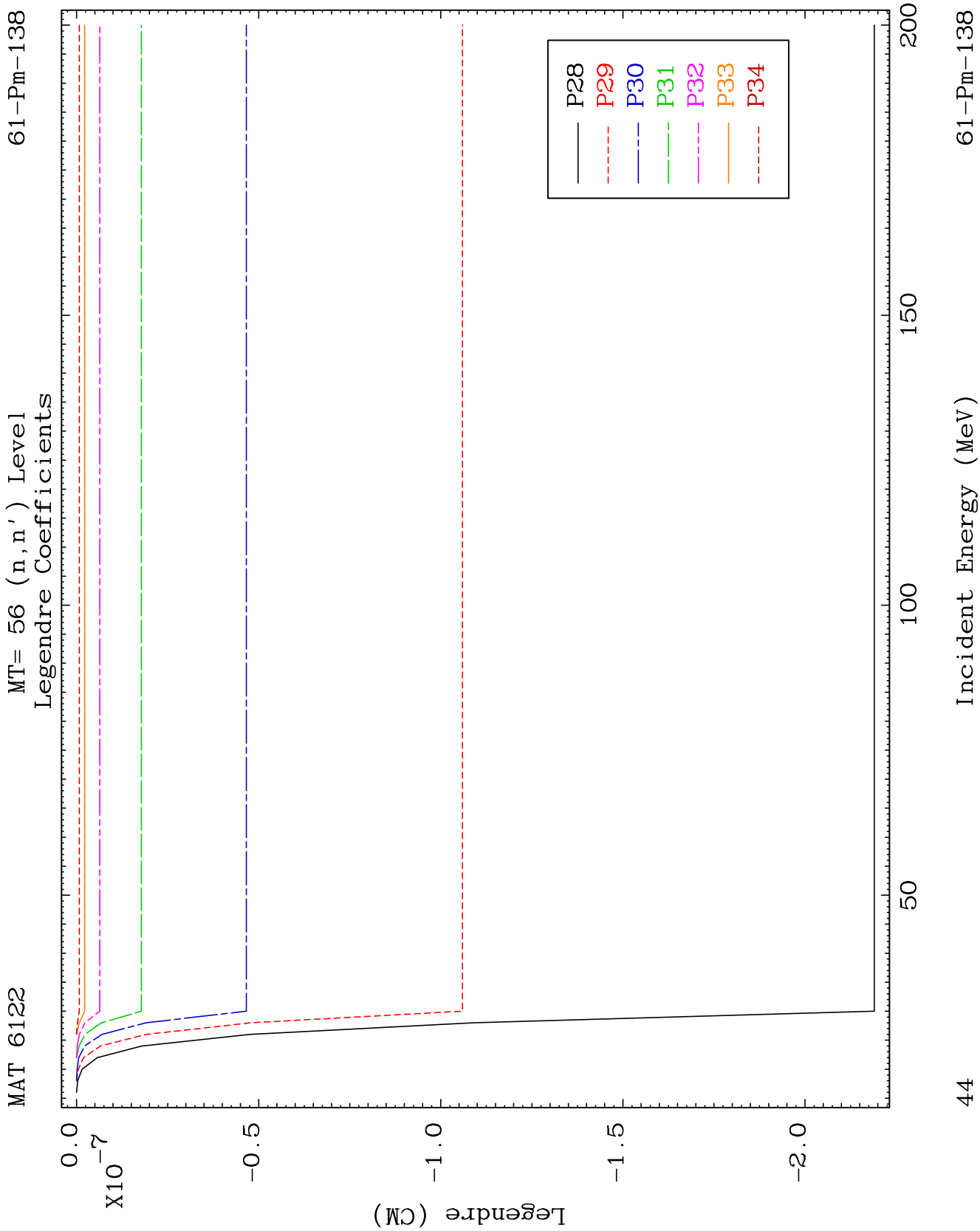


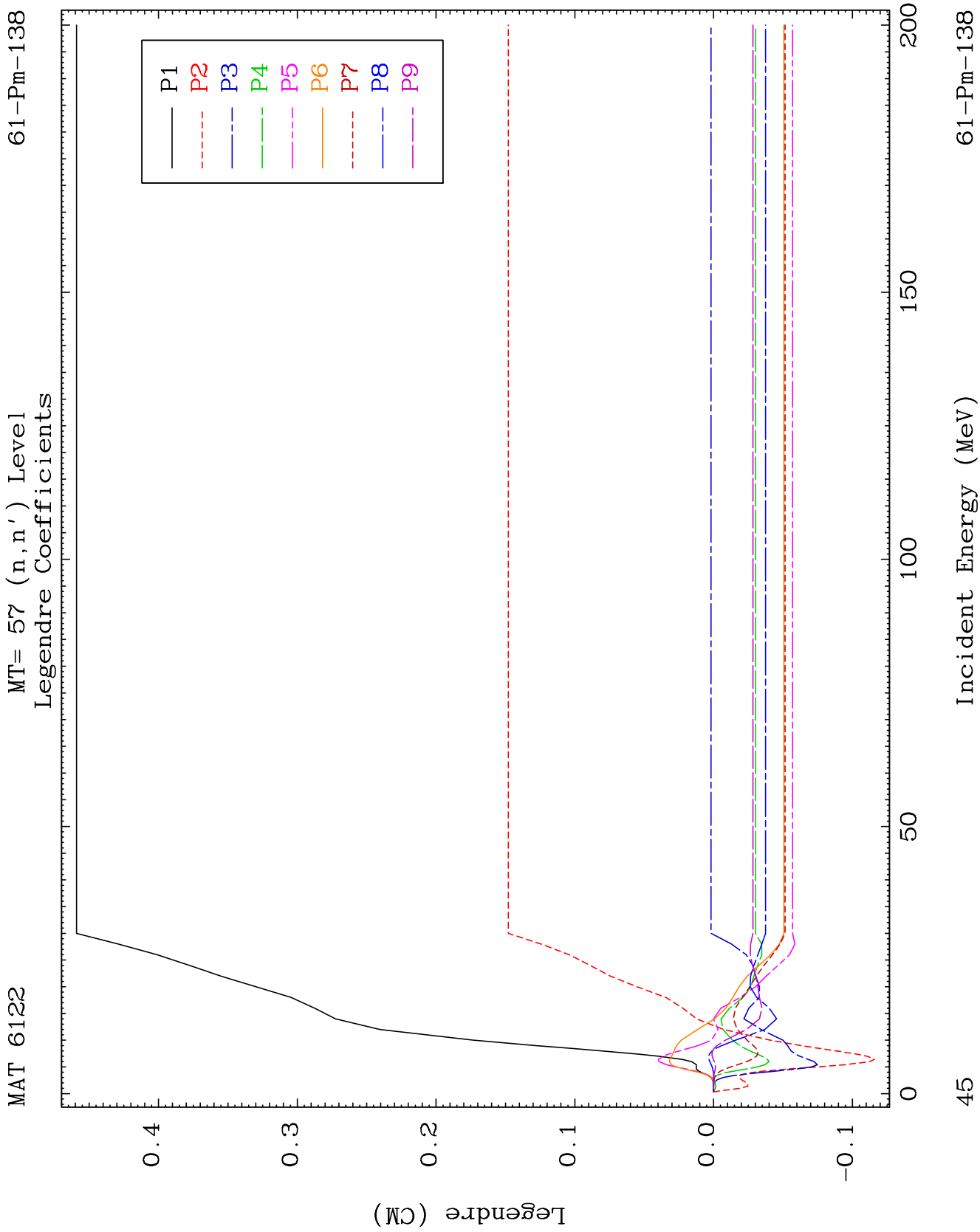








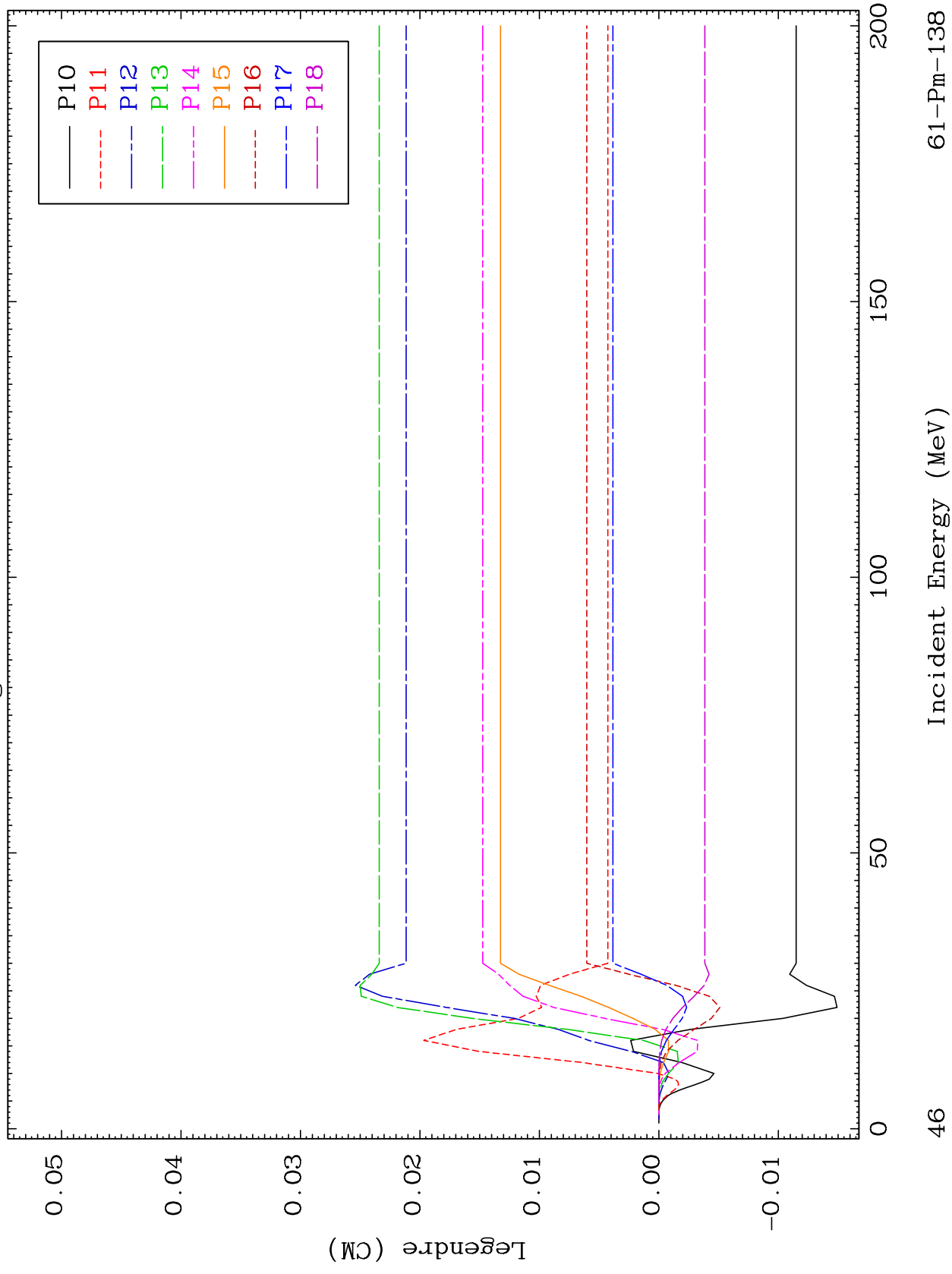


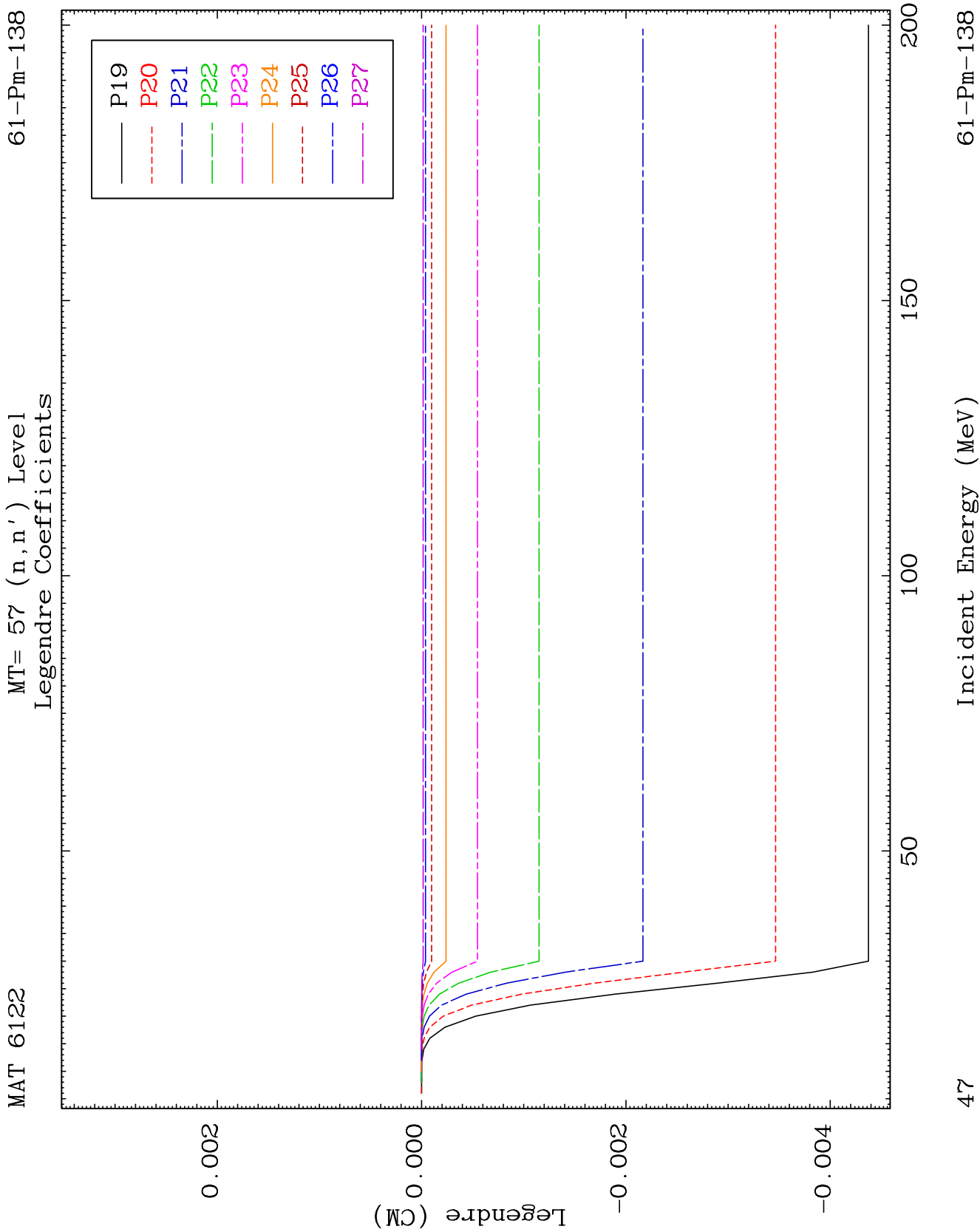


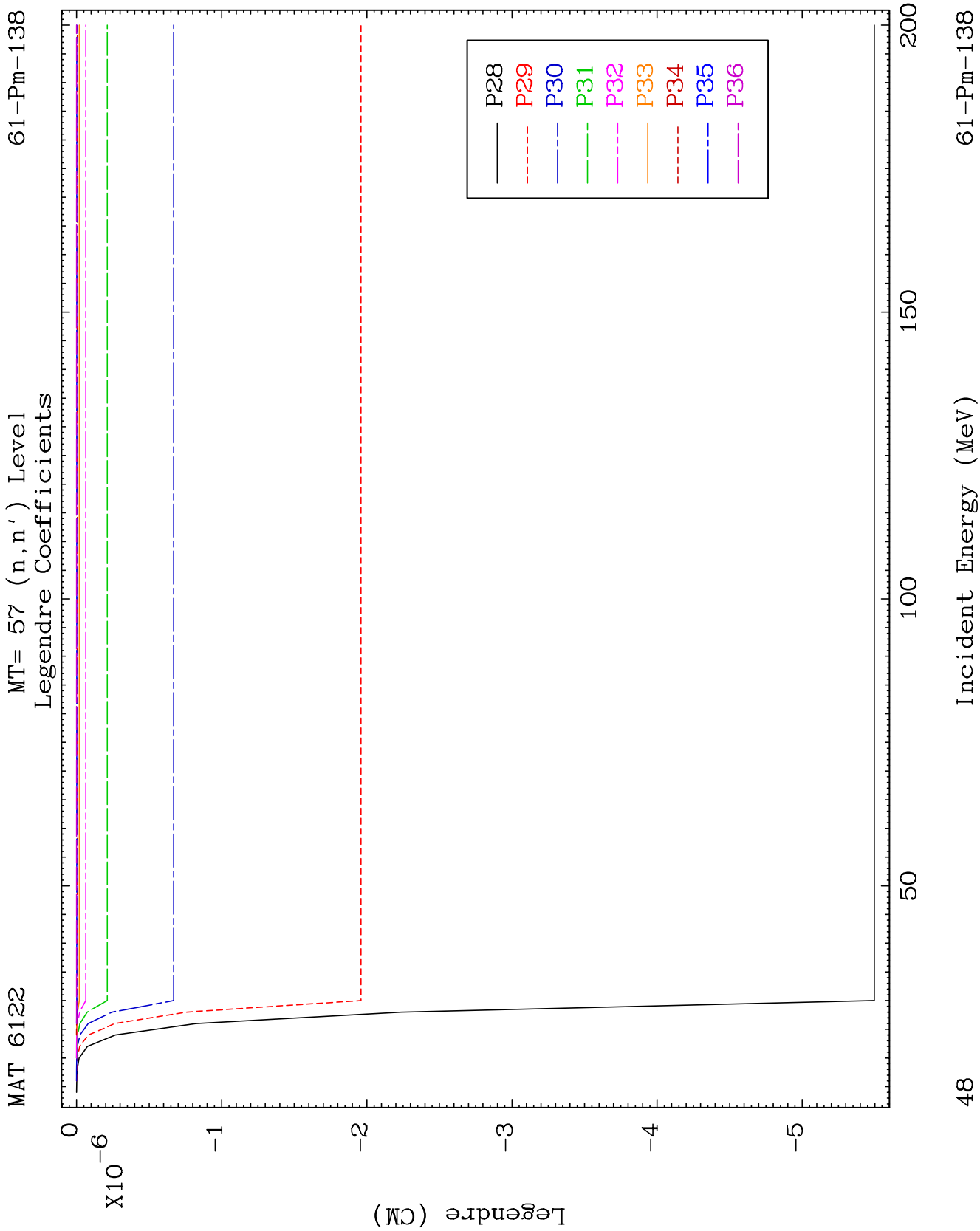
MAT 6122

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

61-Pm-138



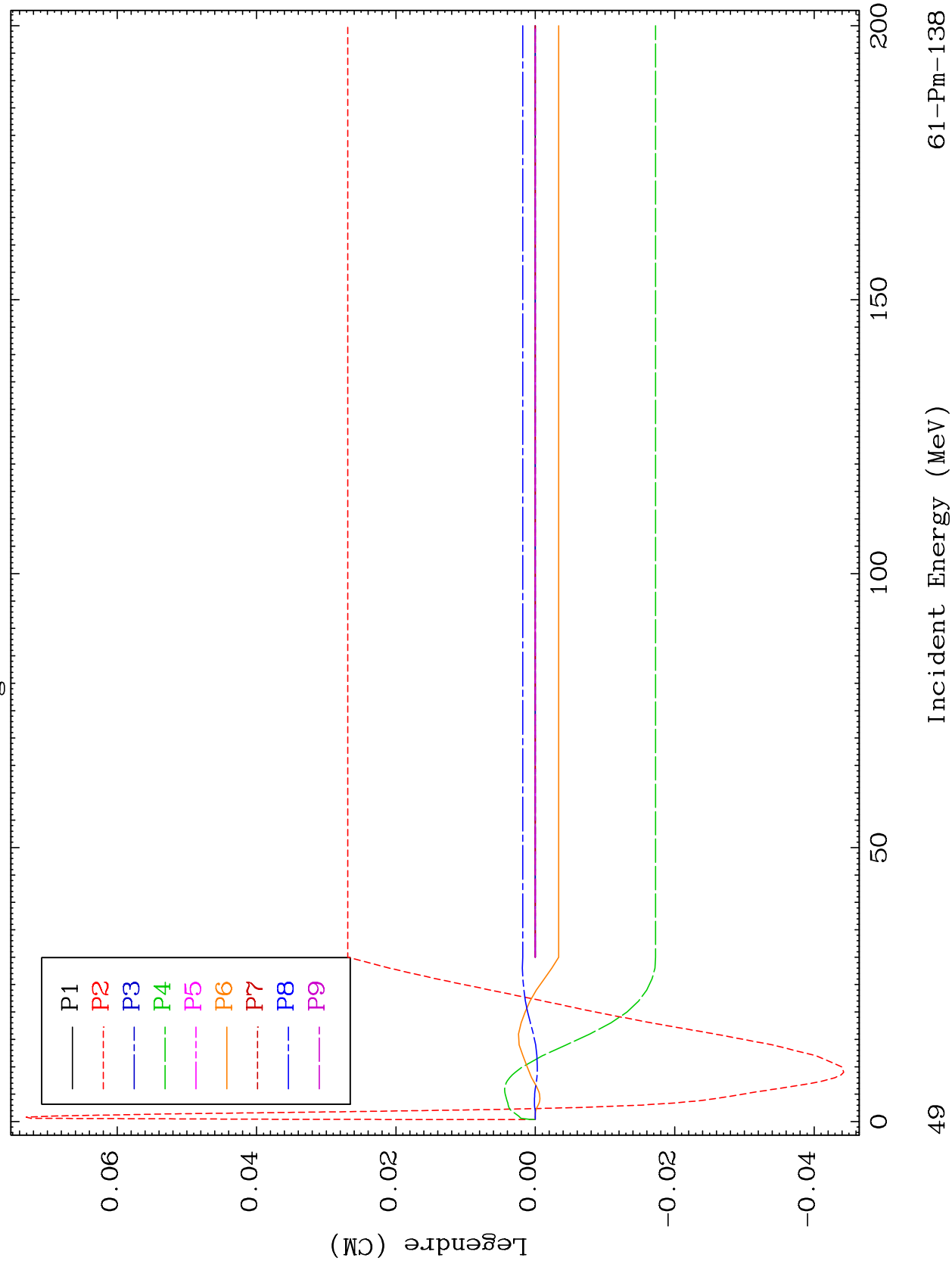


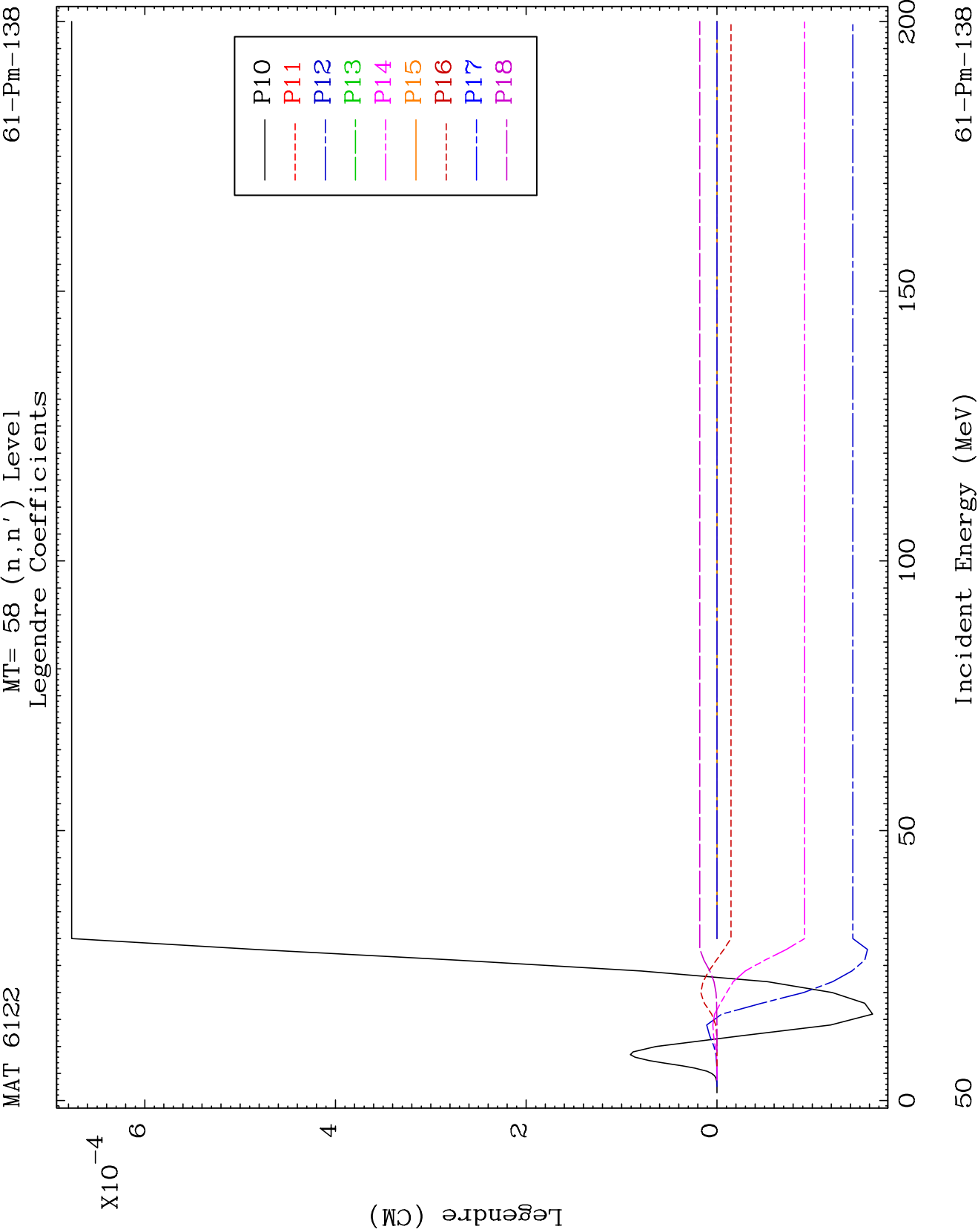


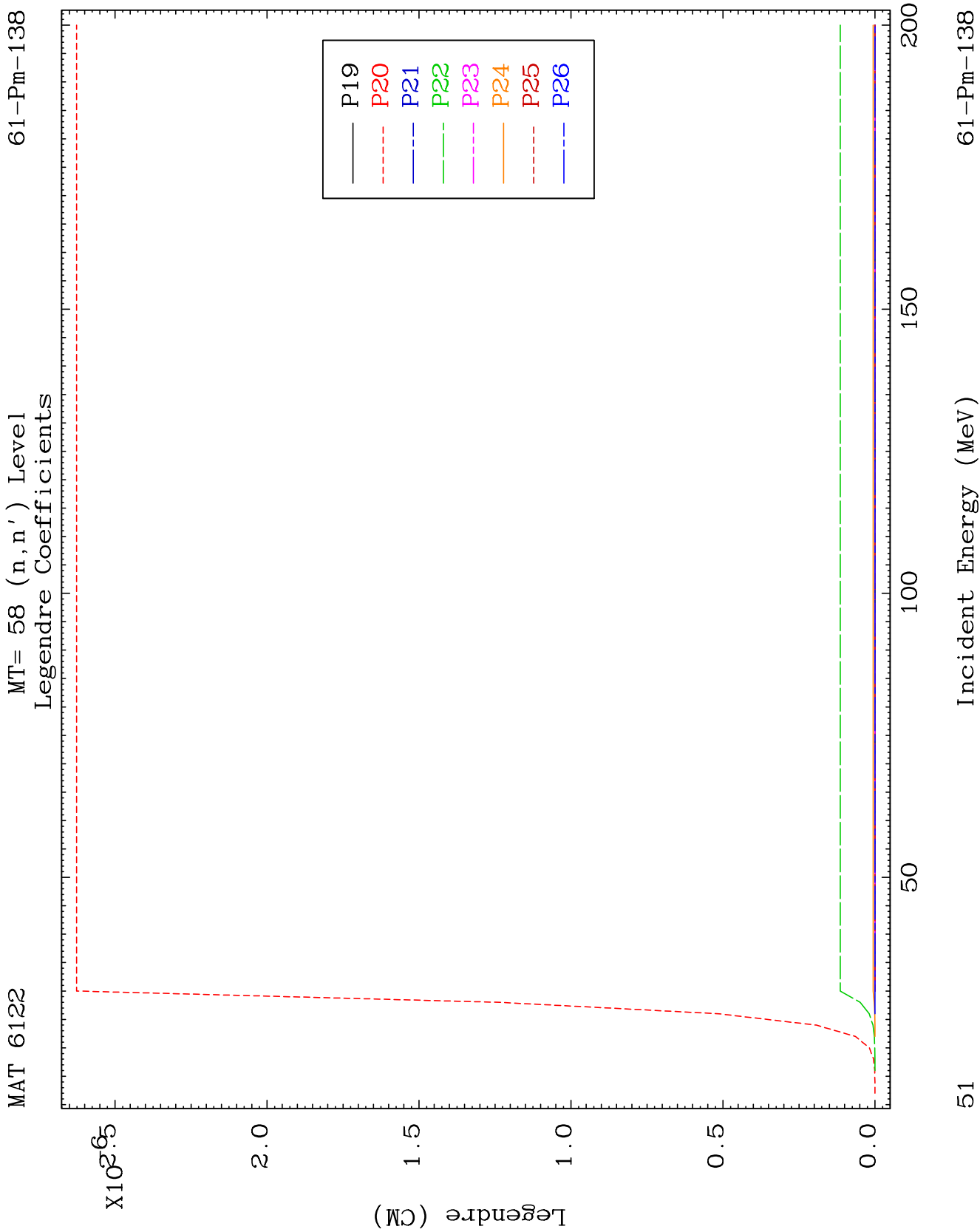
MAT 6122

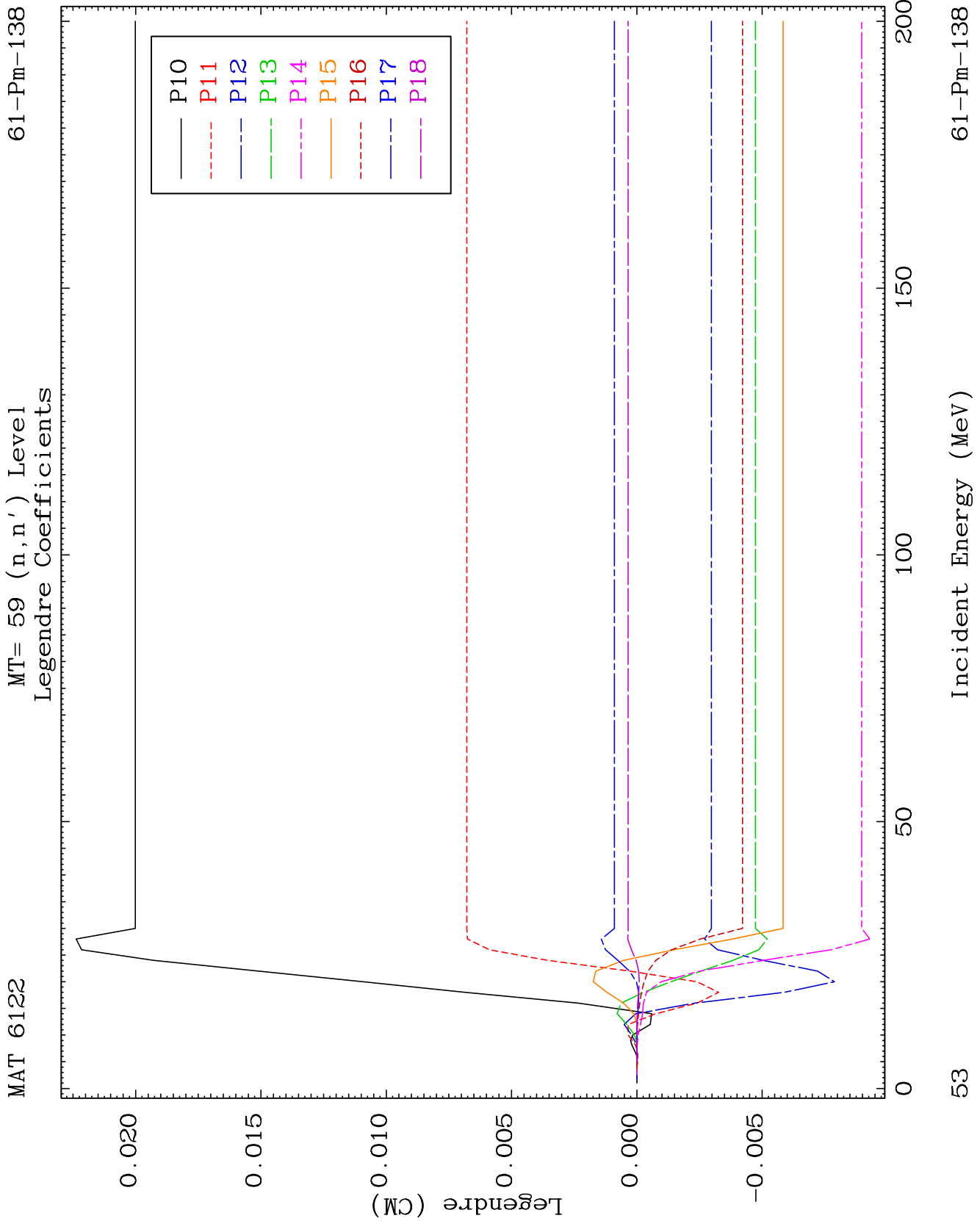
MT= 58 (n, n') Level
Legendre Coefficients

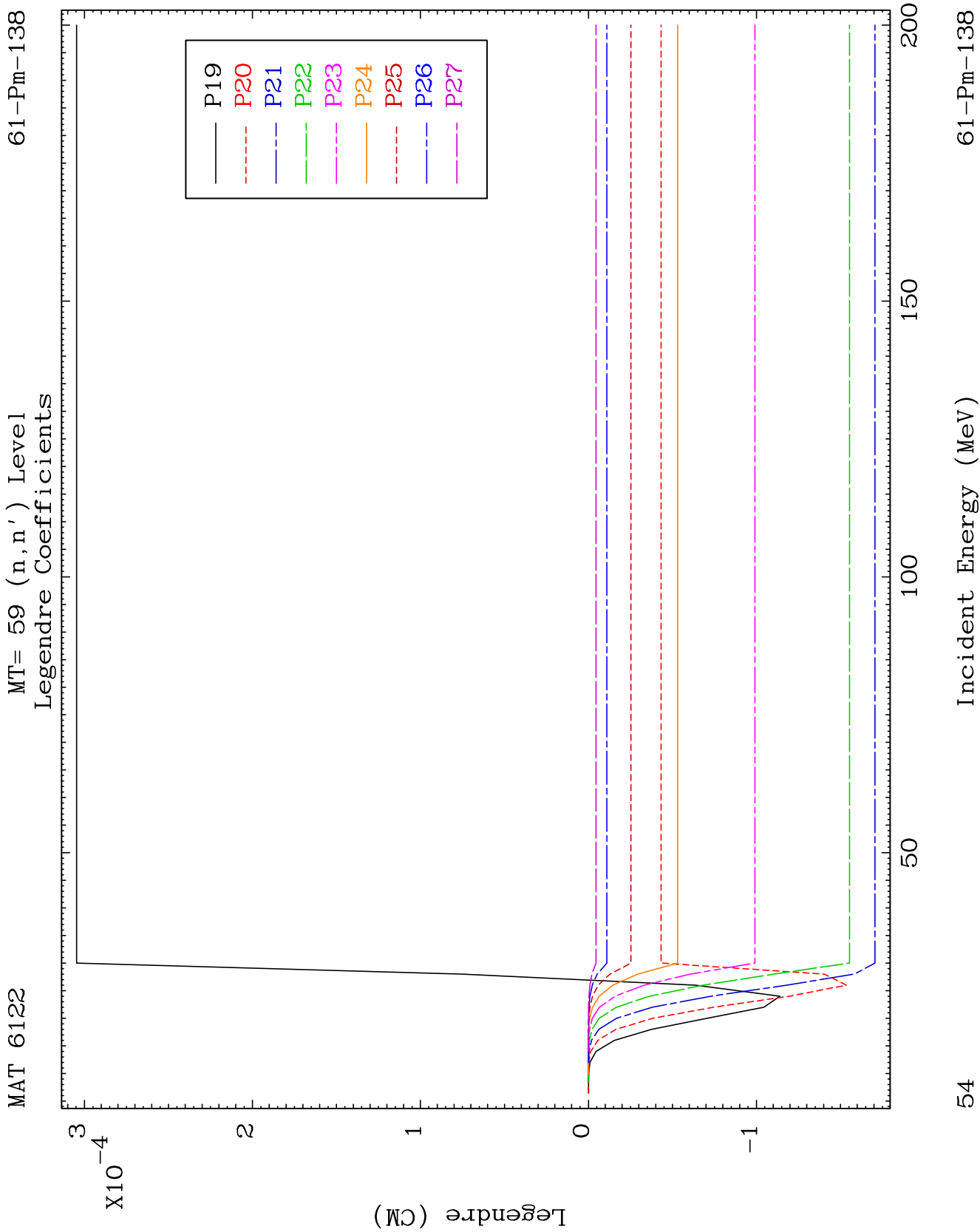
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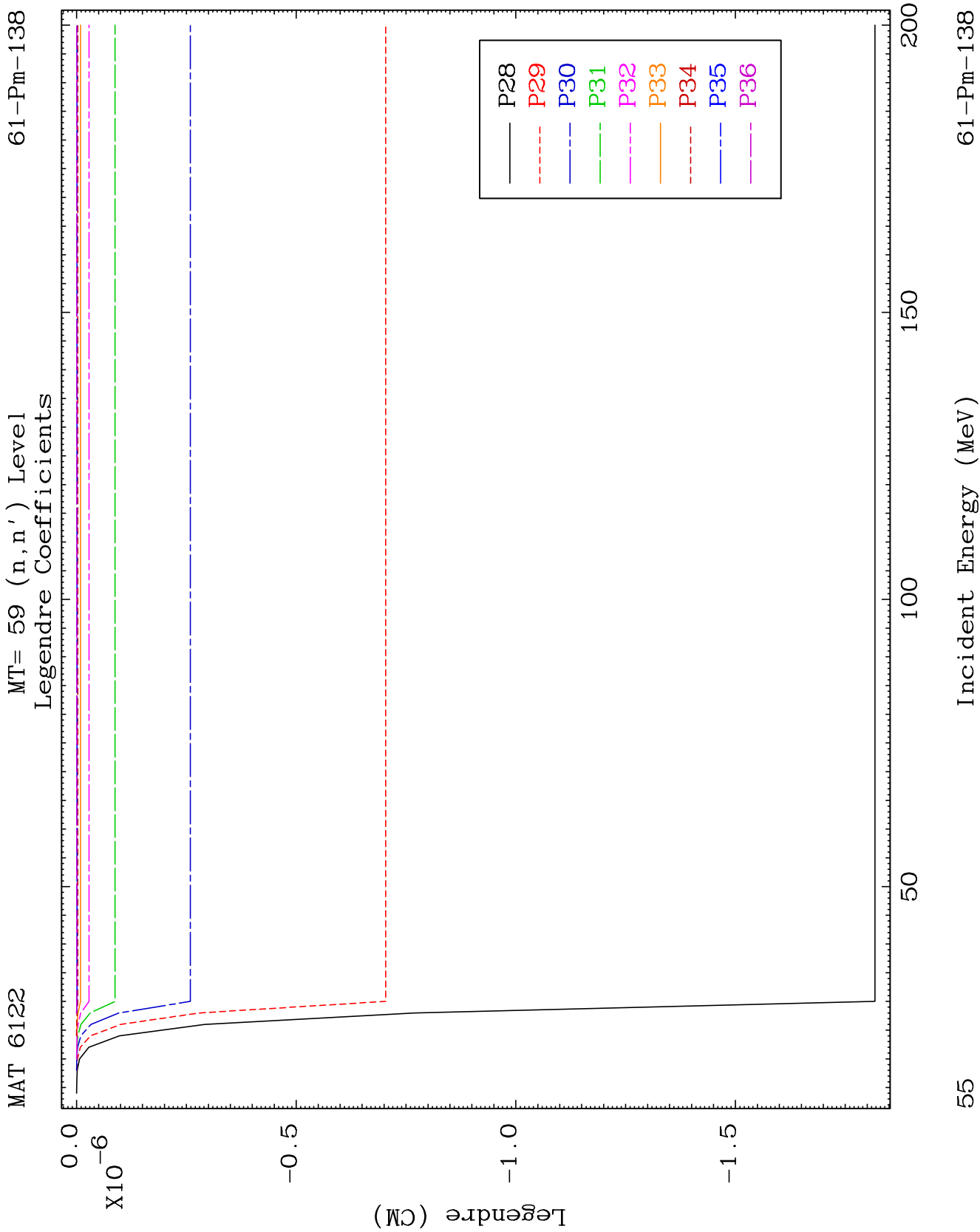


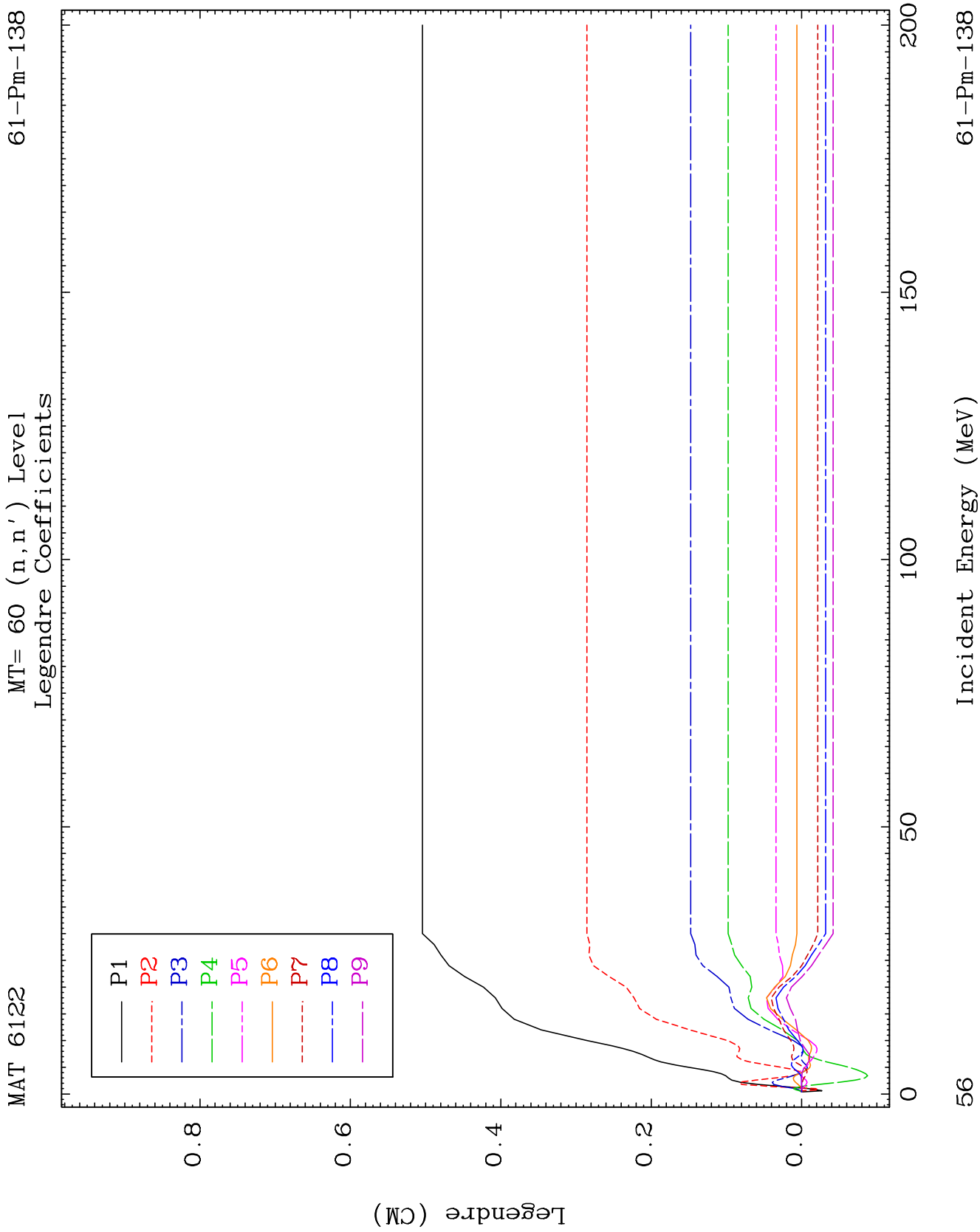


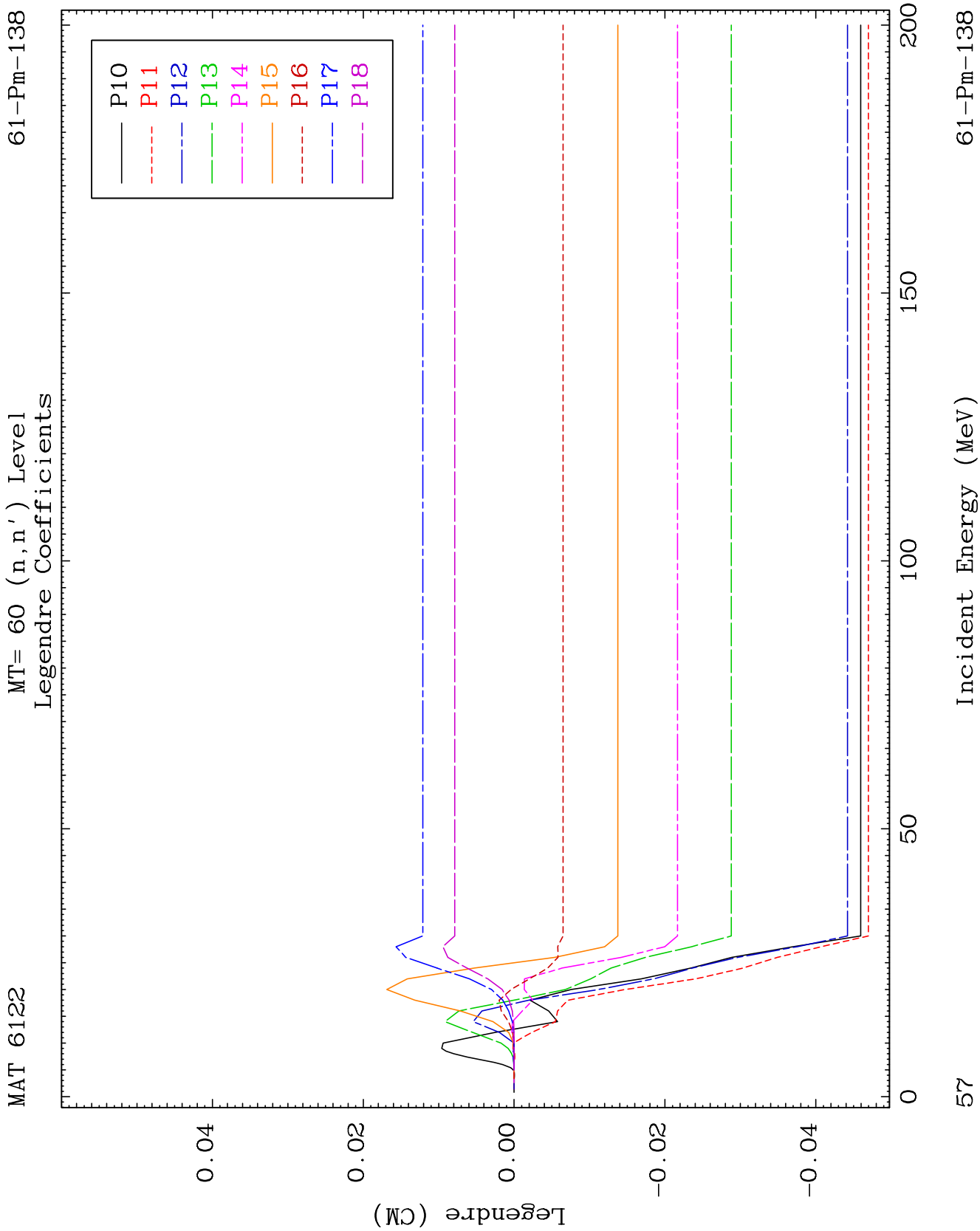








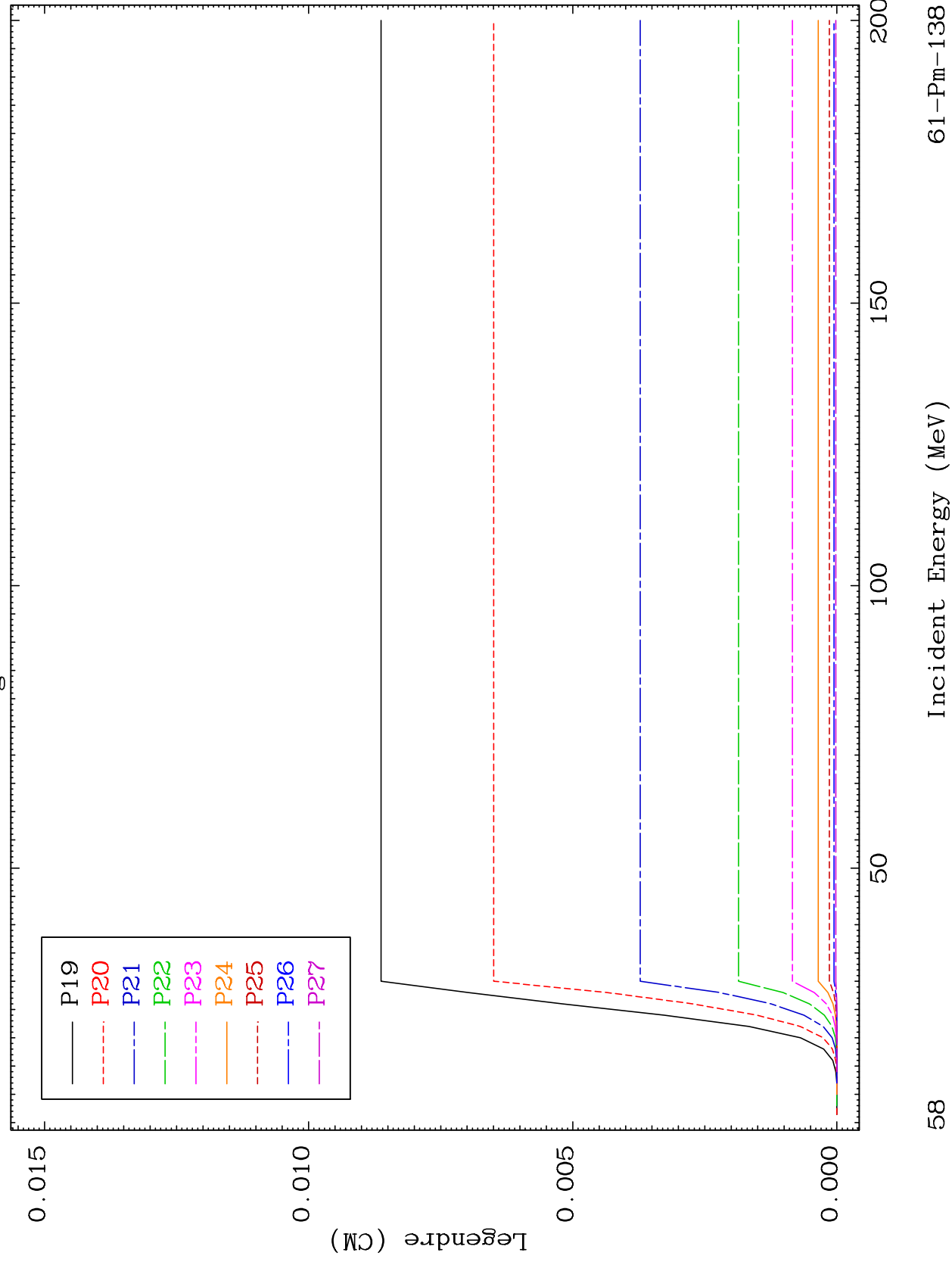


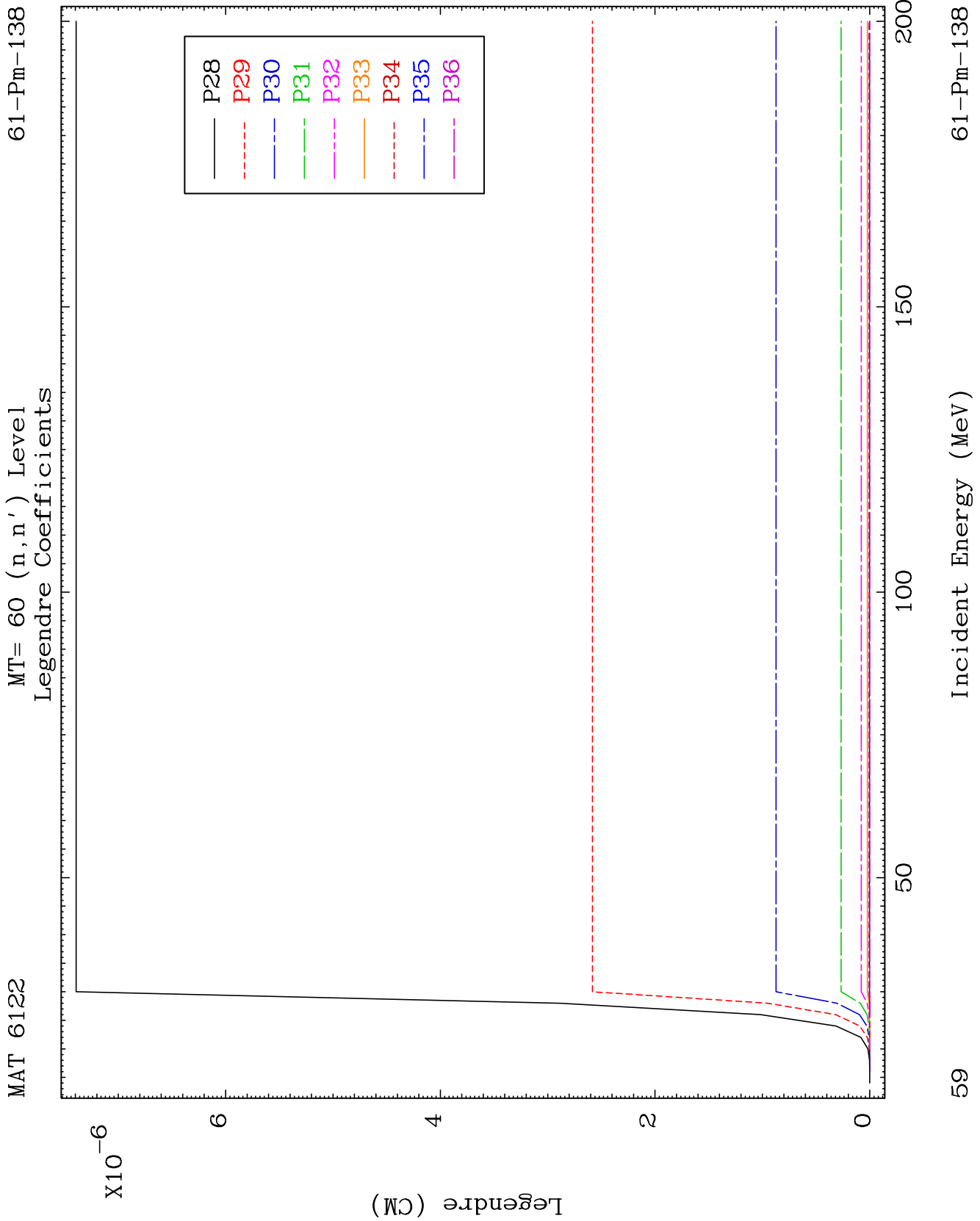


MAT 6122

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

61-Pm-138

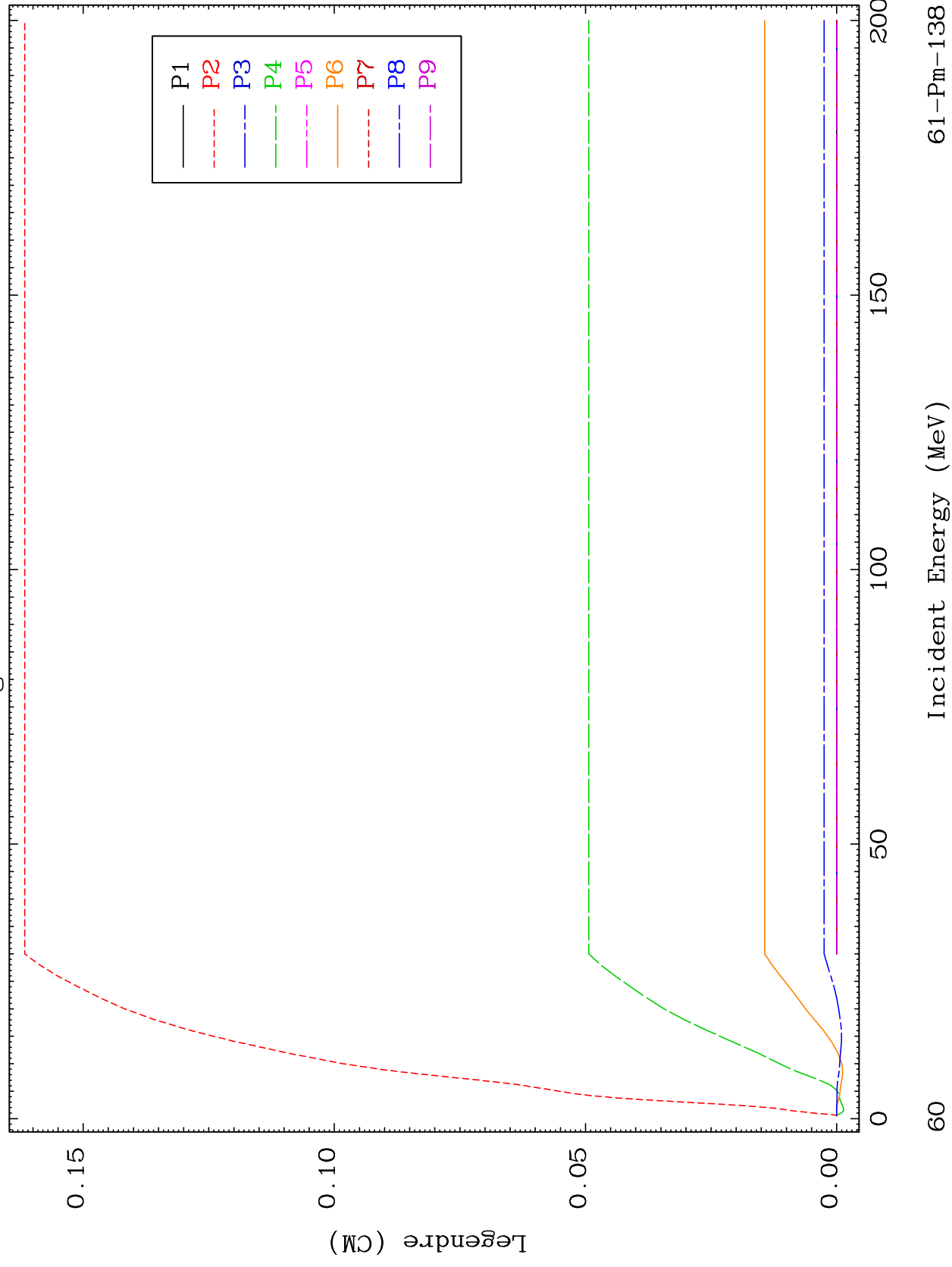




MAT 6122

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

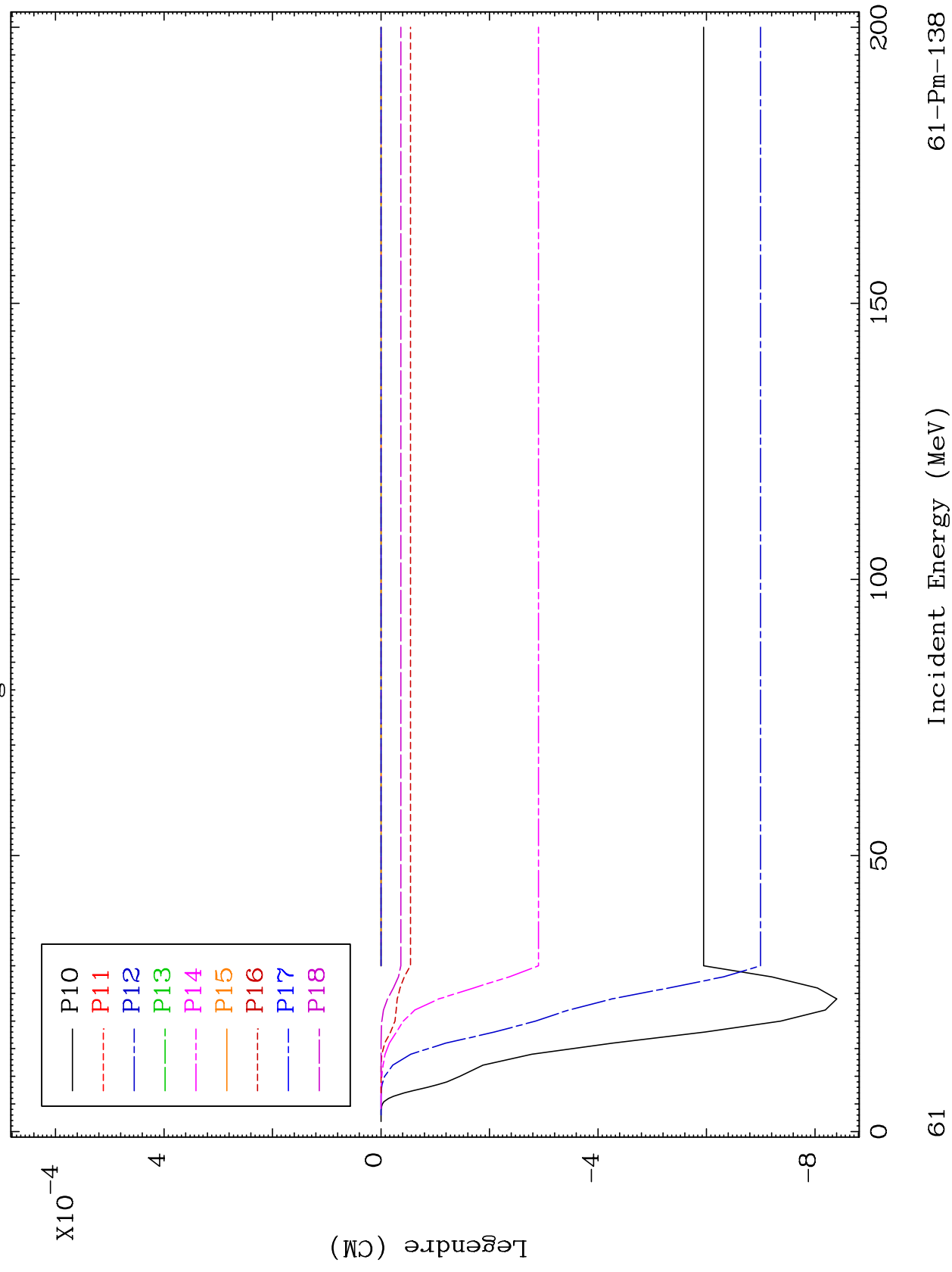
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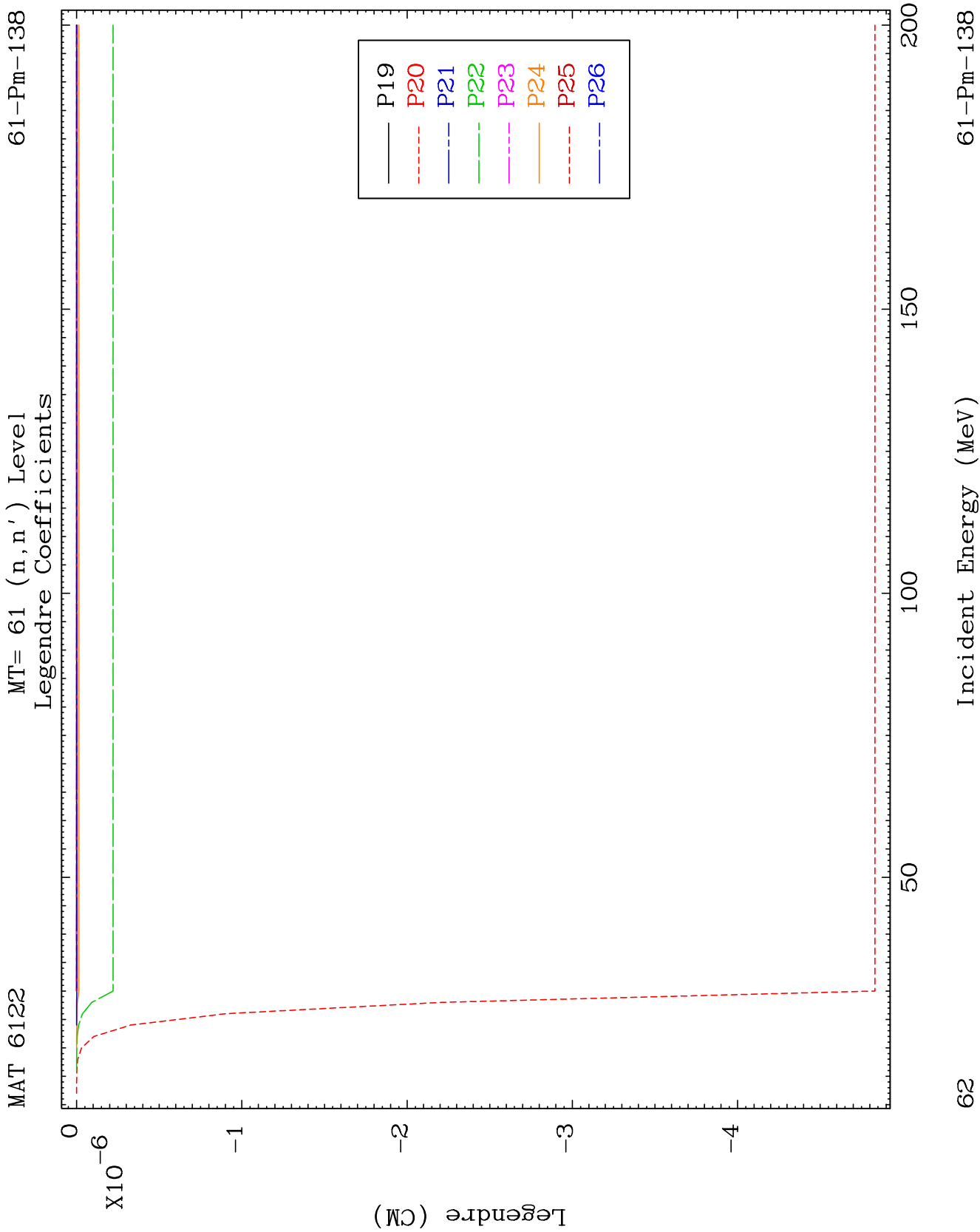


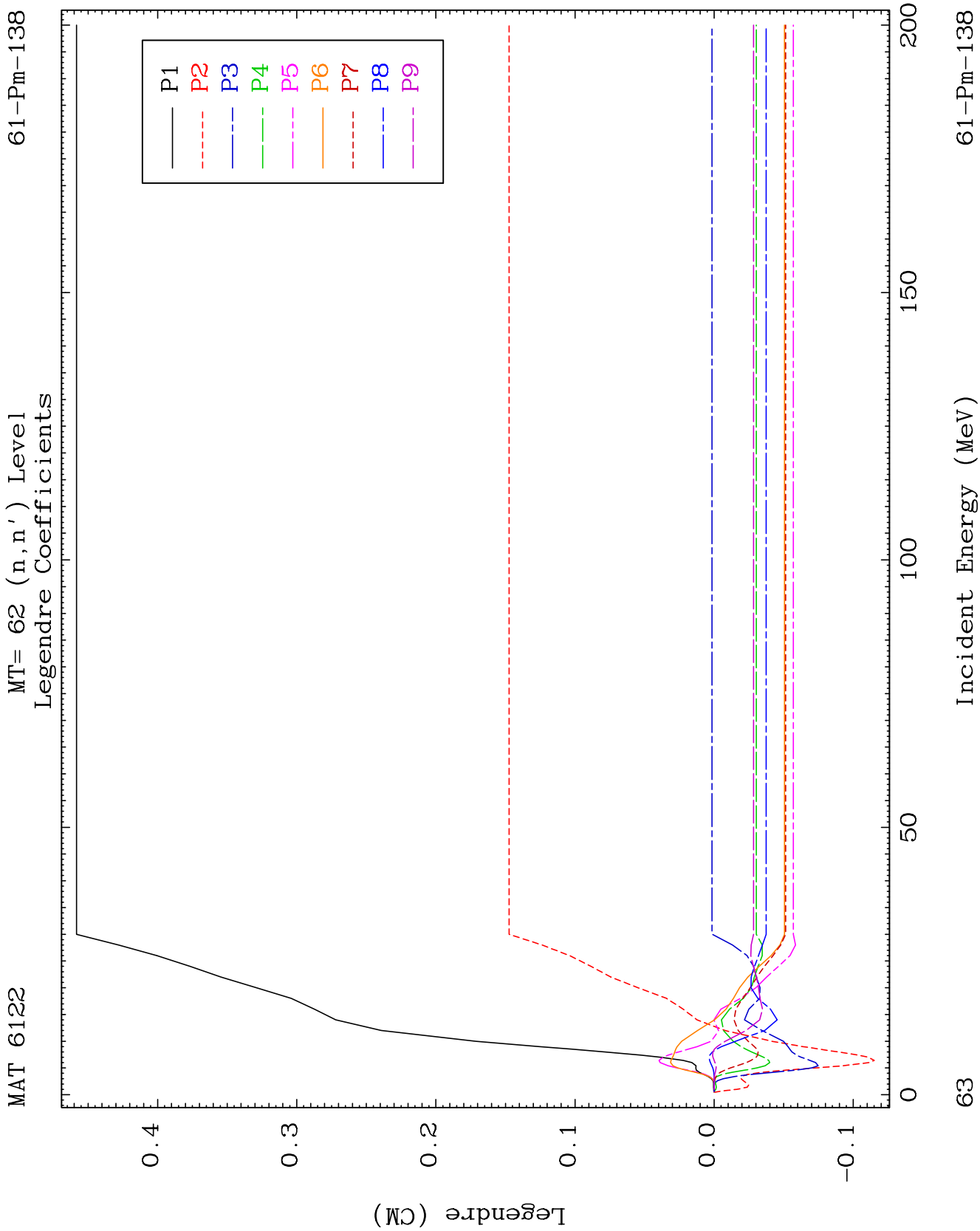
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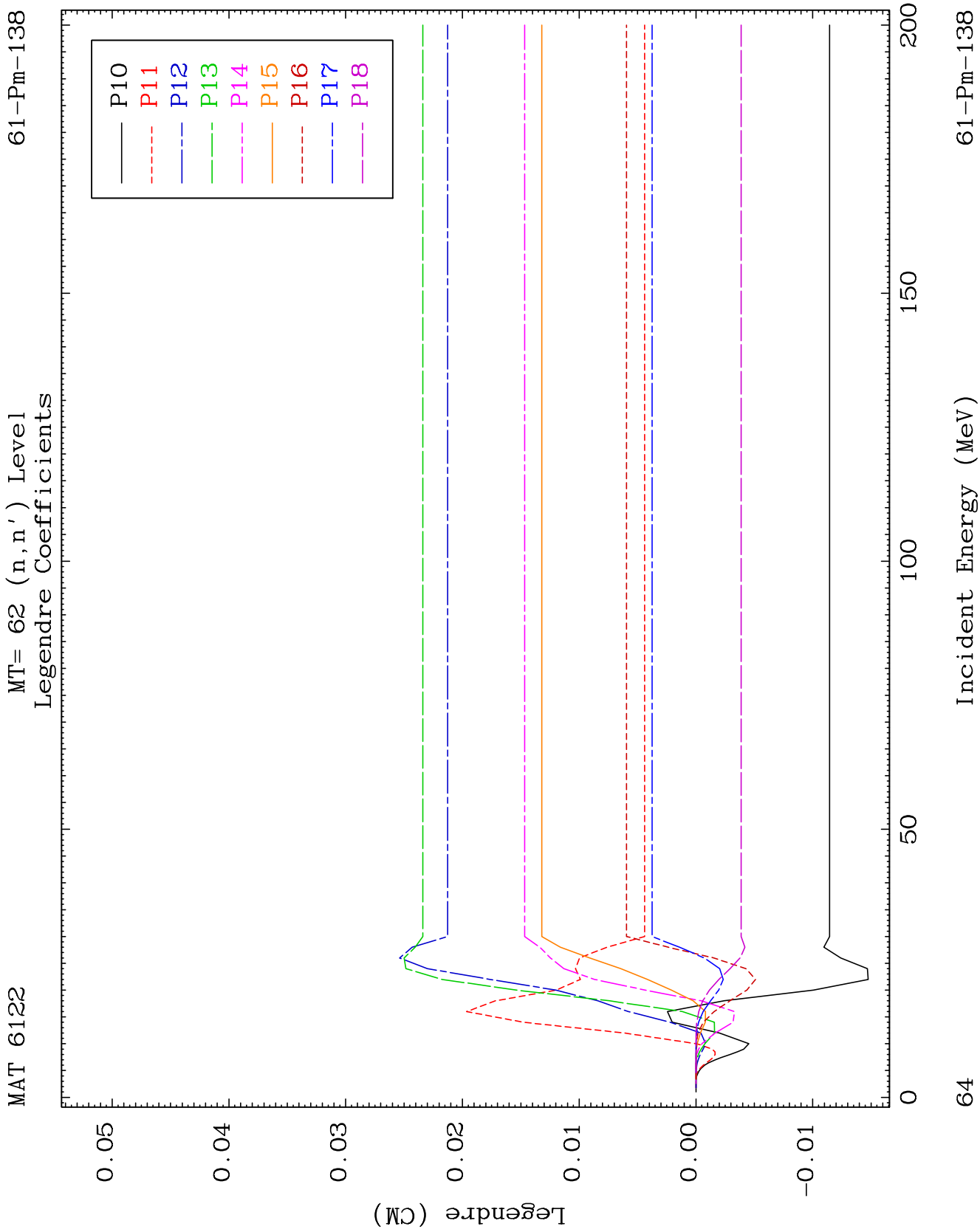
MT= 61 (n, n') Level
Legendre Coefficients

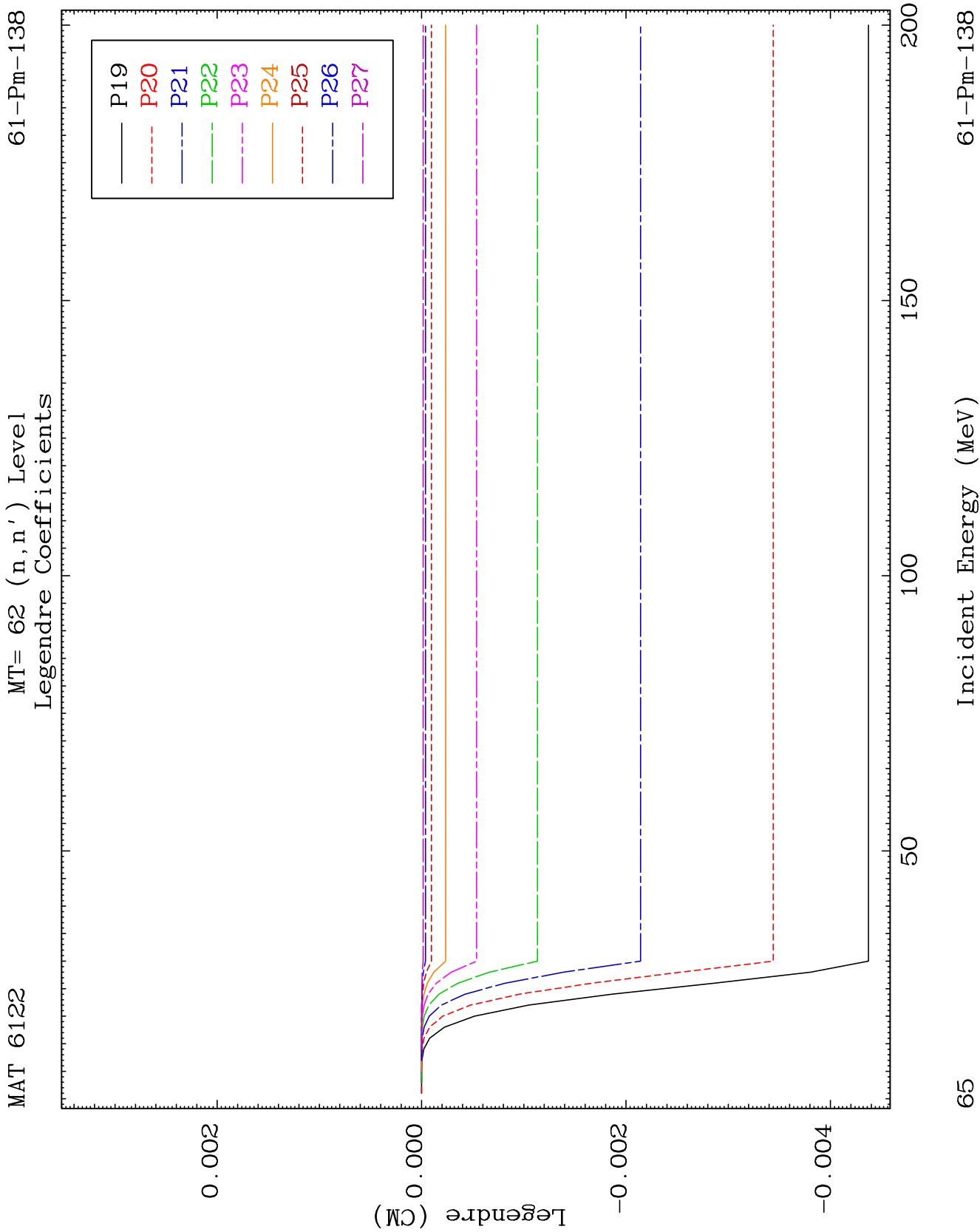
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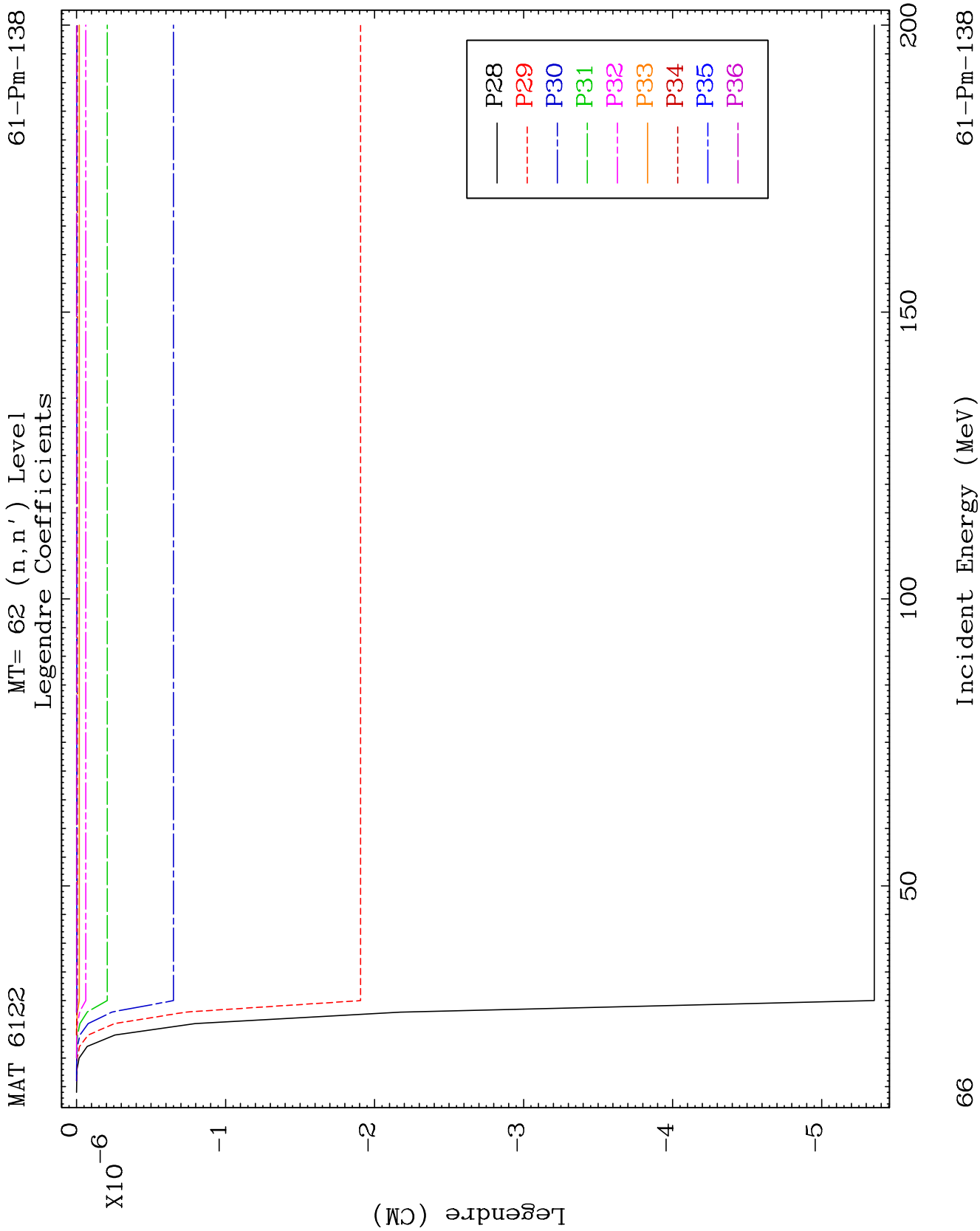


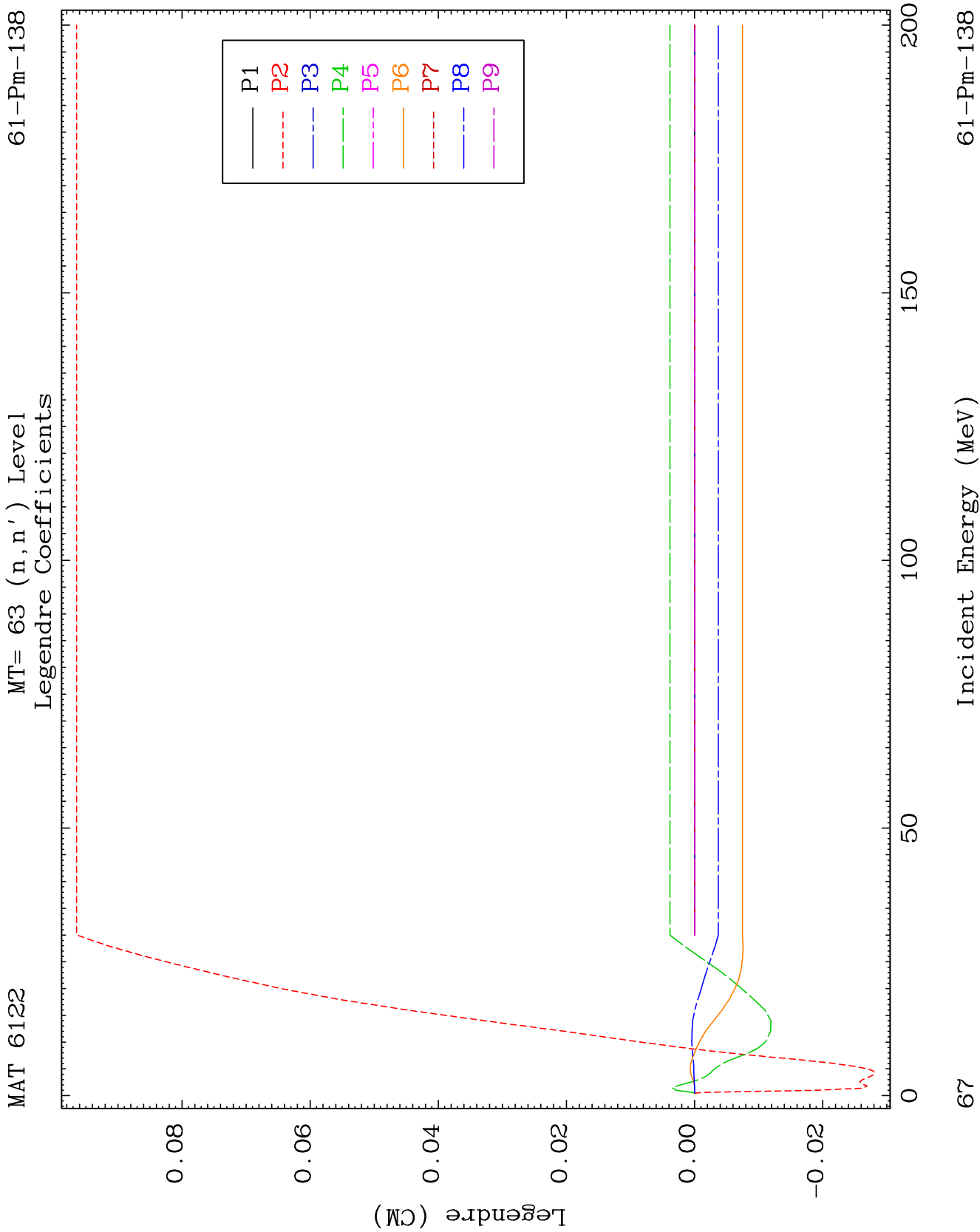


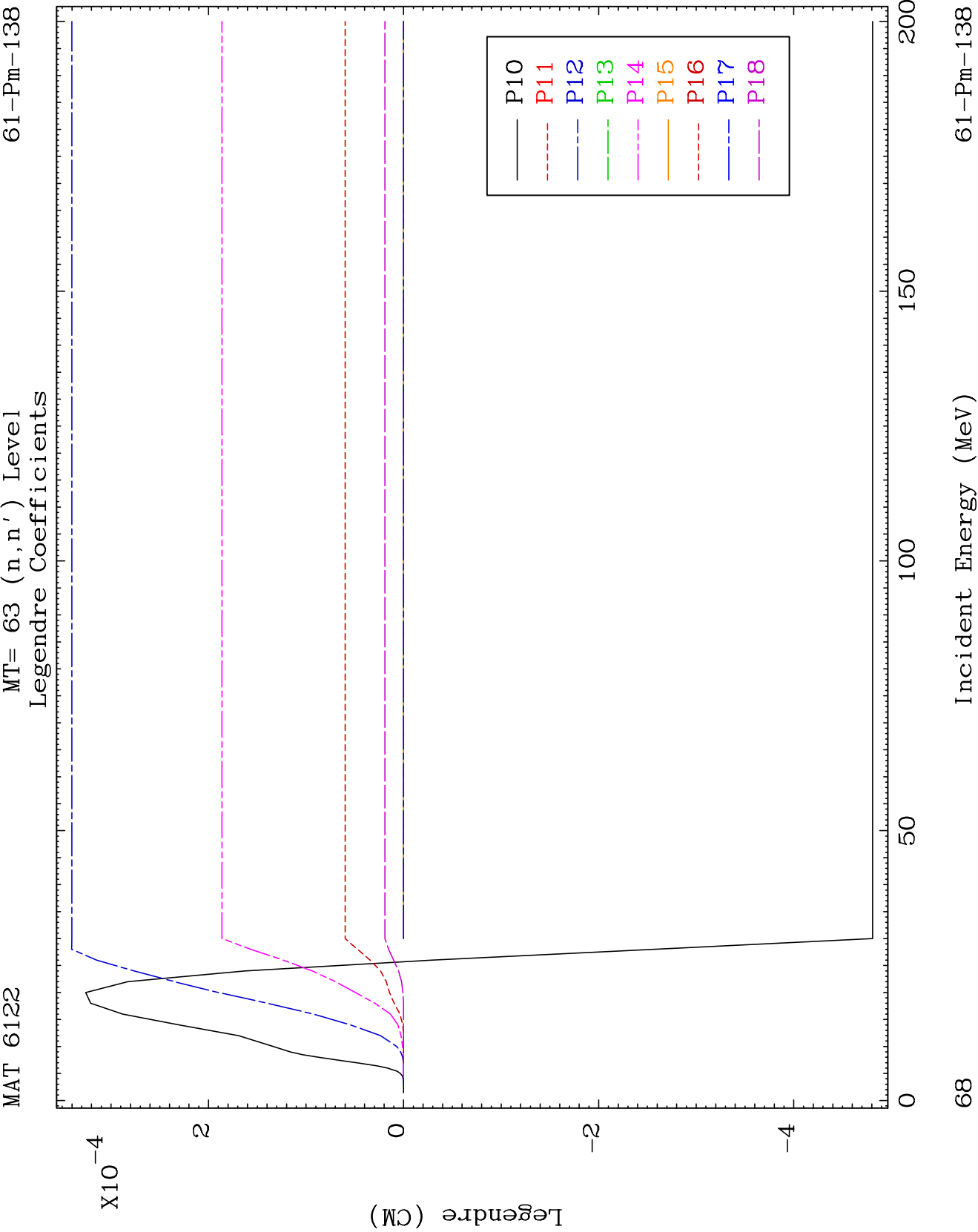


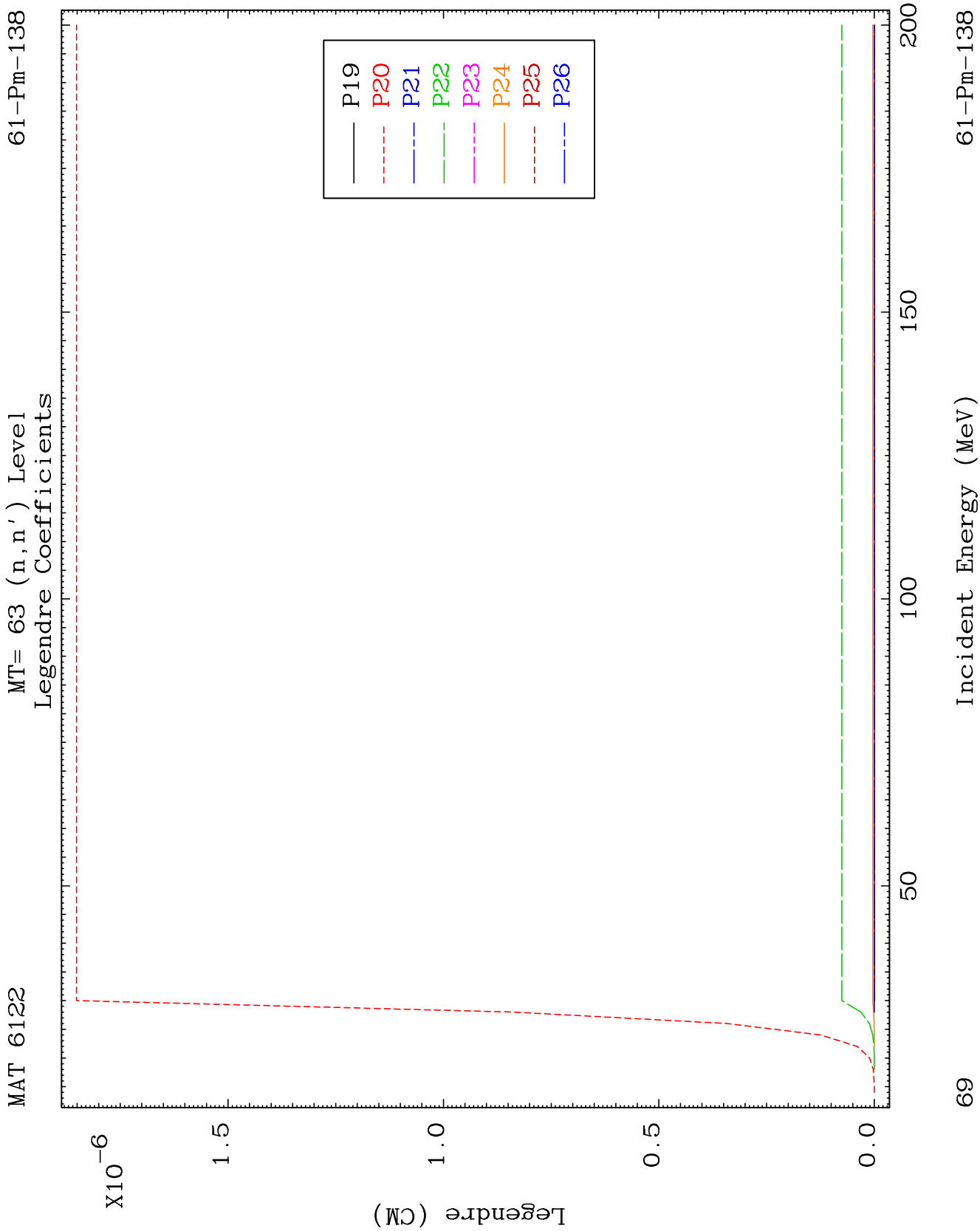


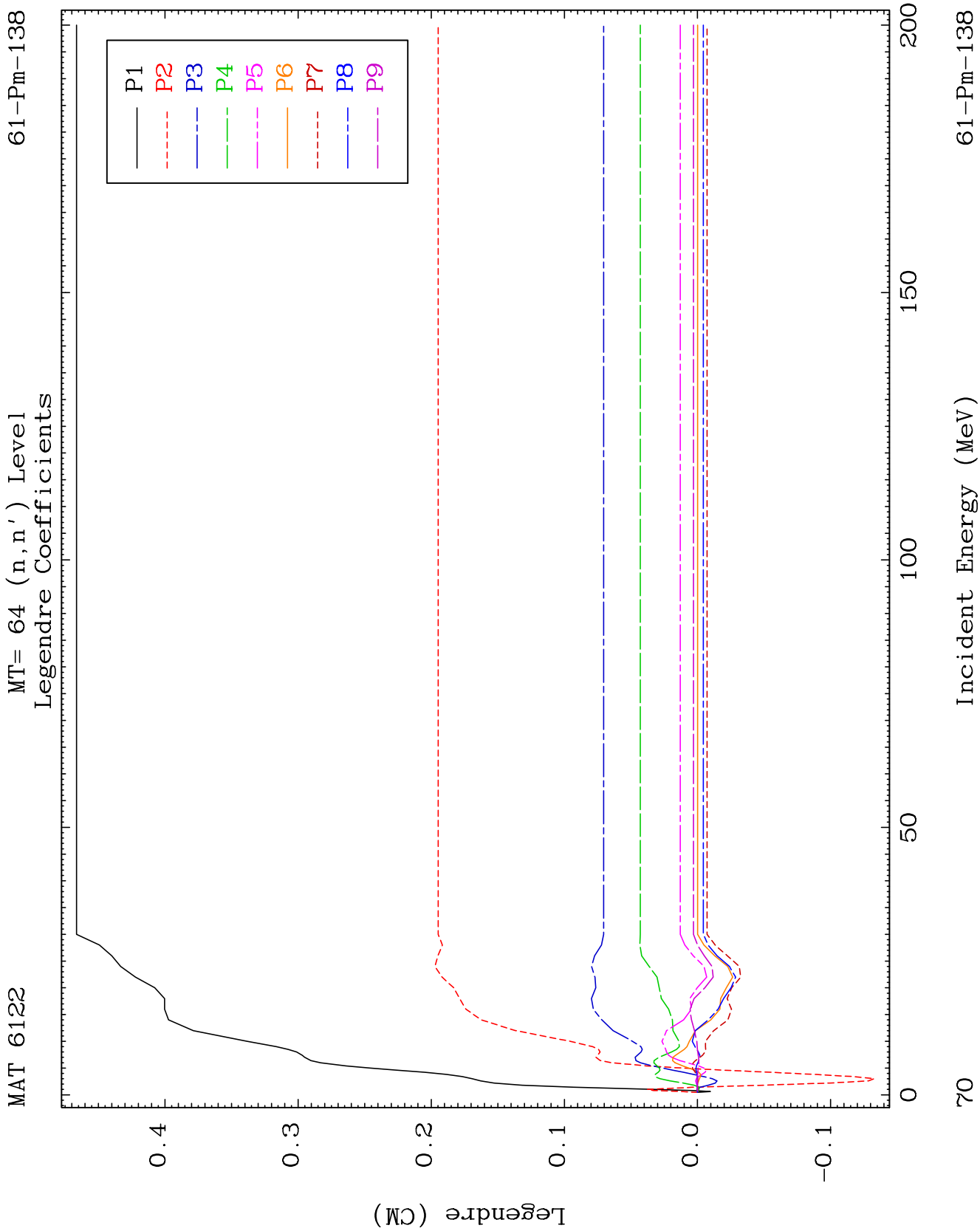








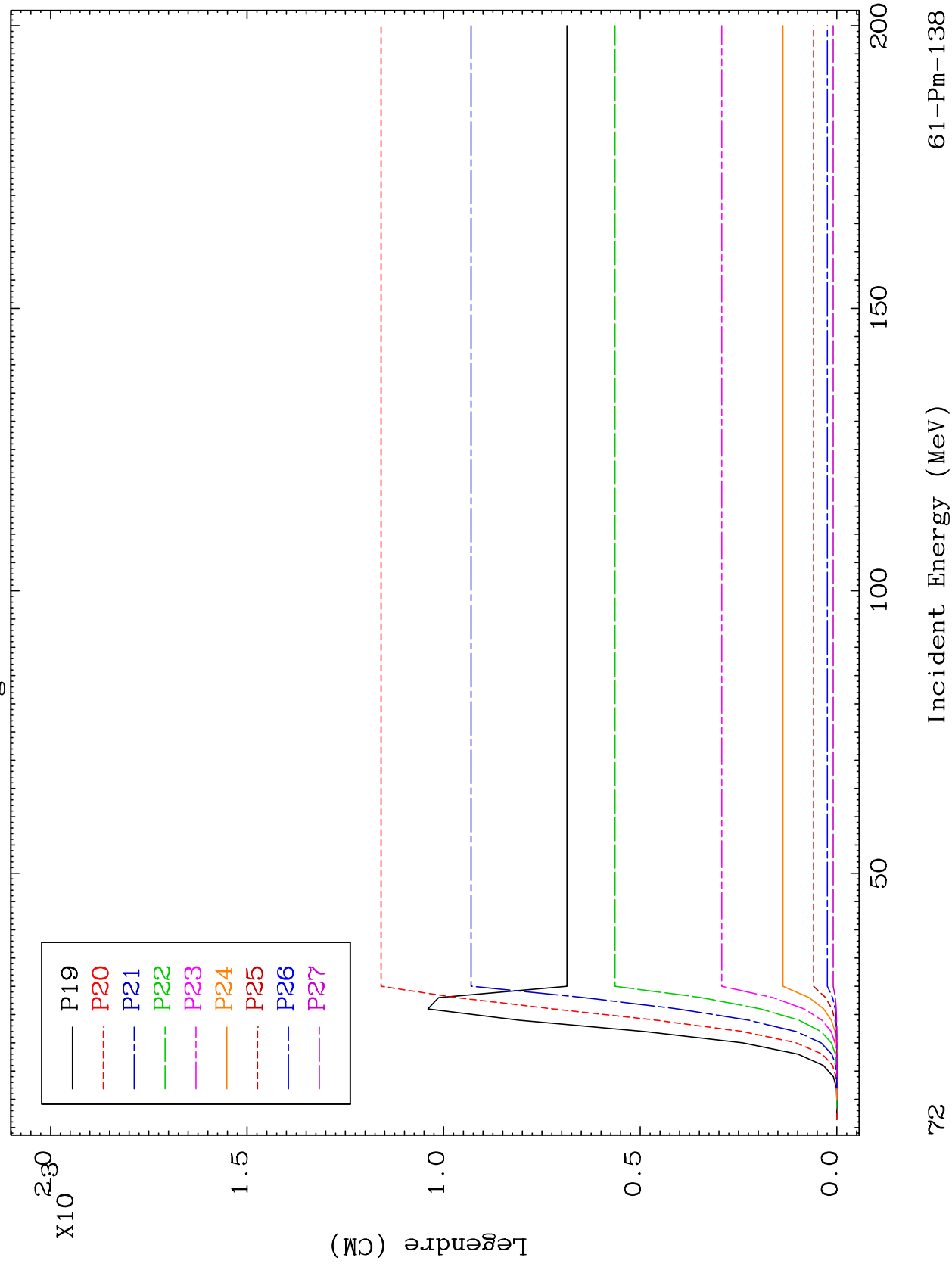


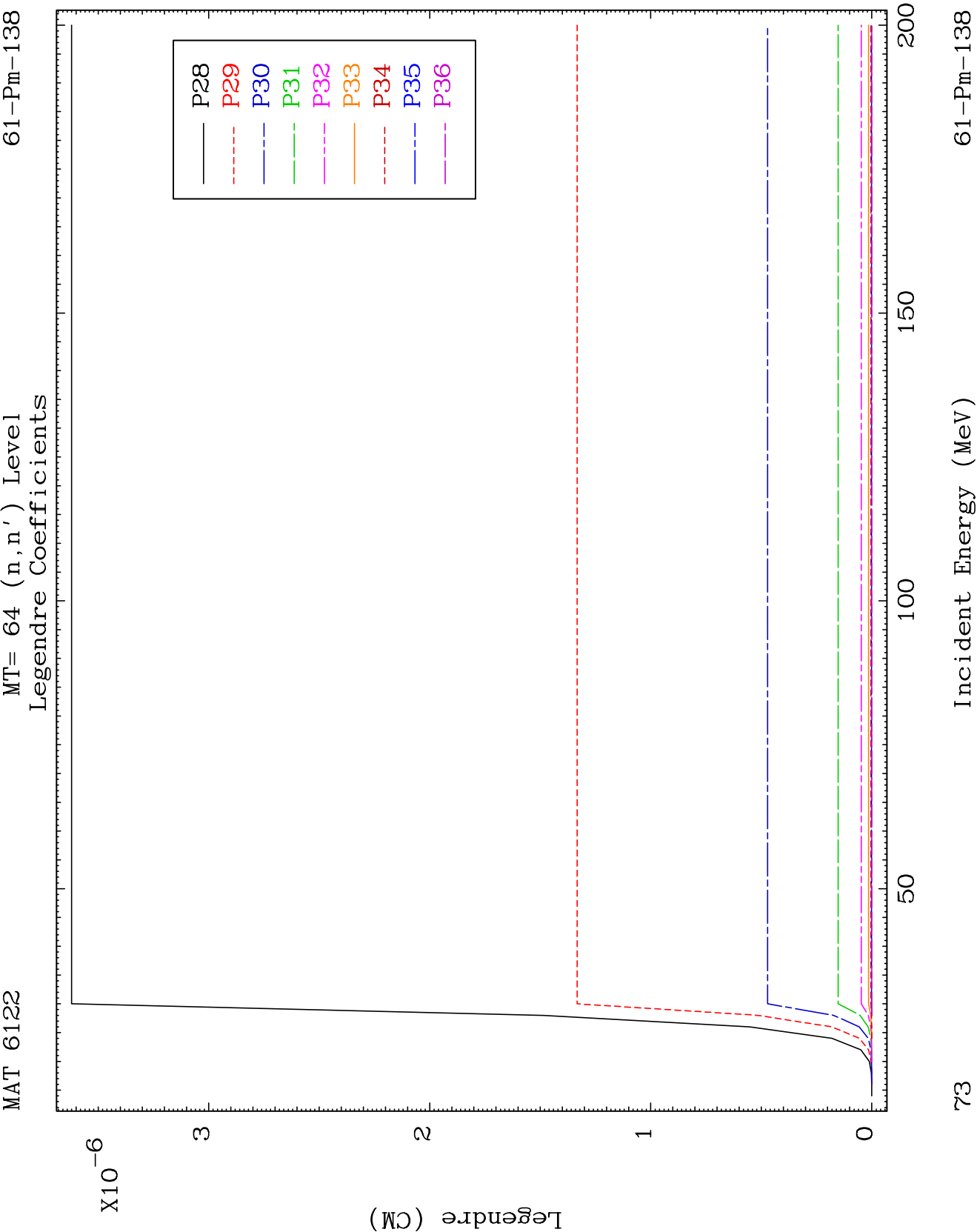


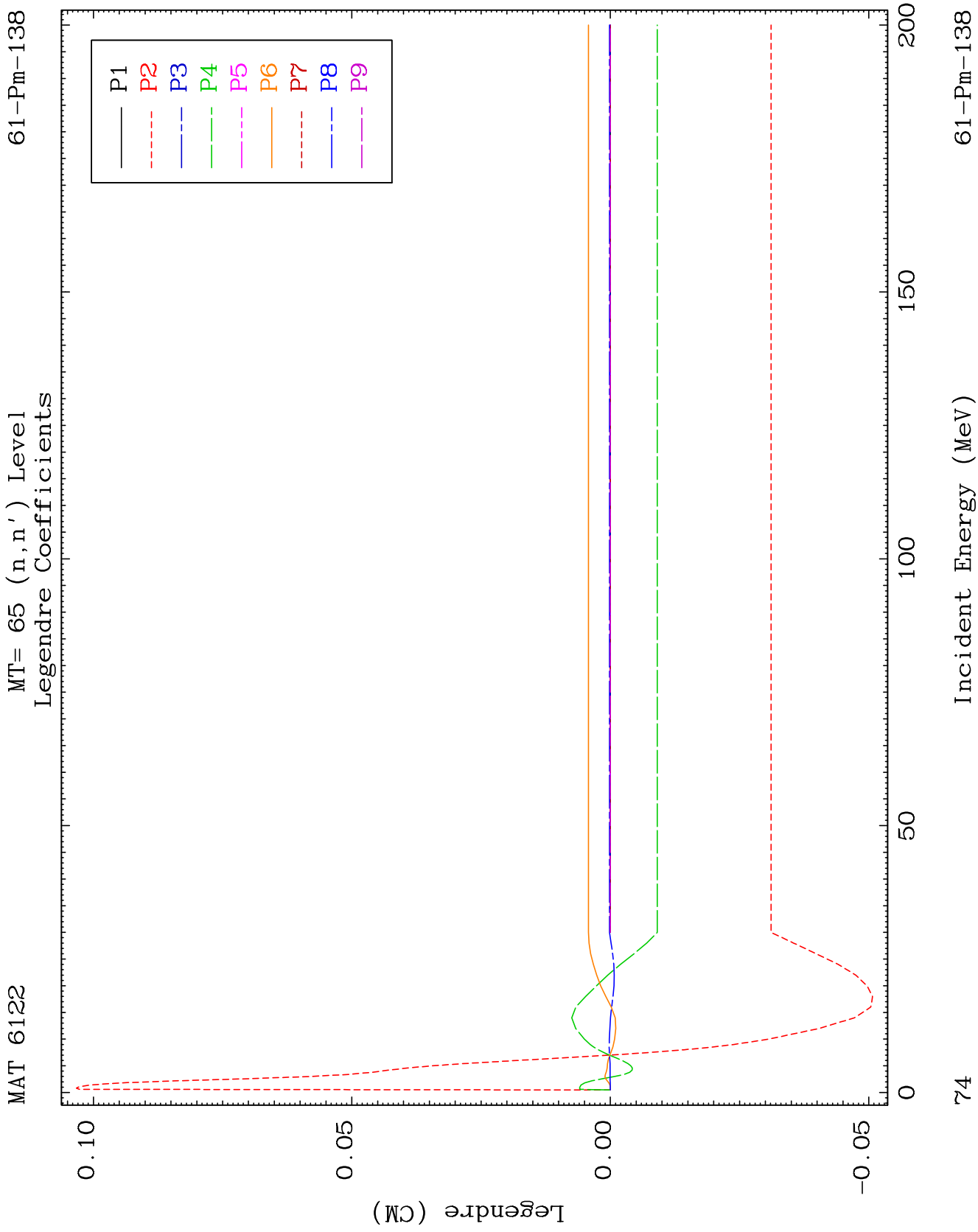
MAT 6122

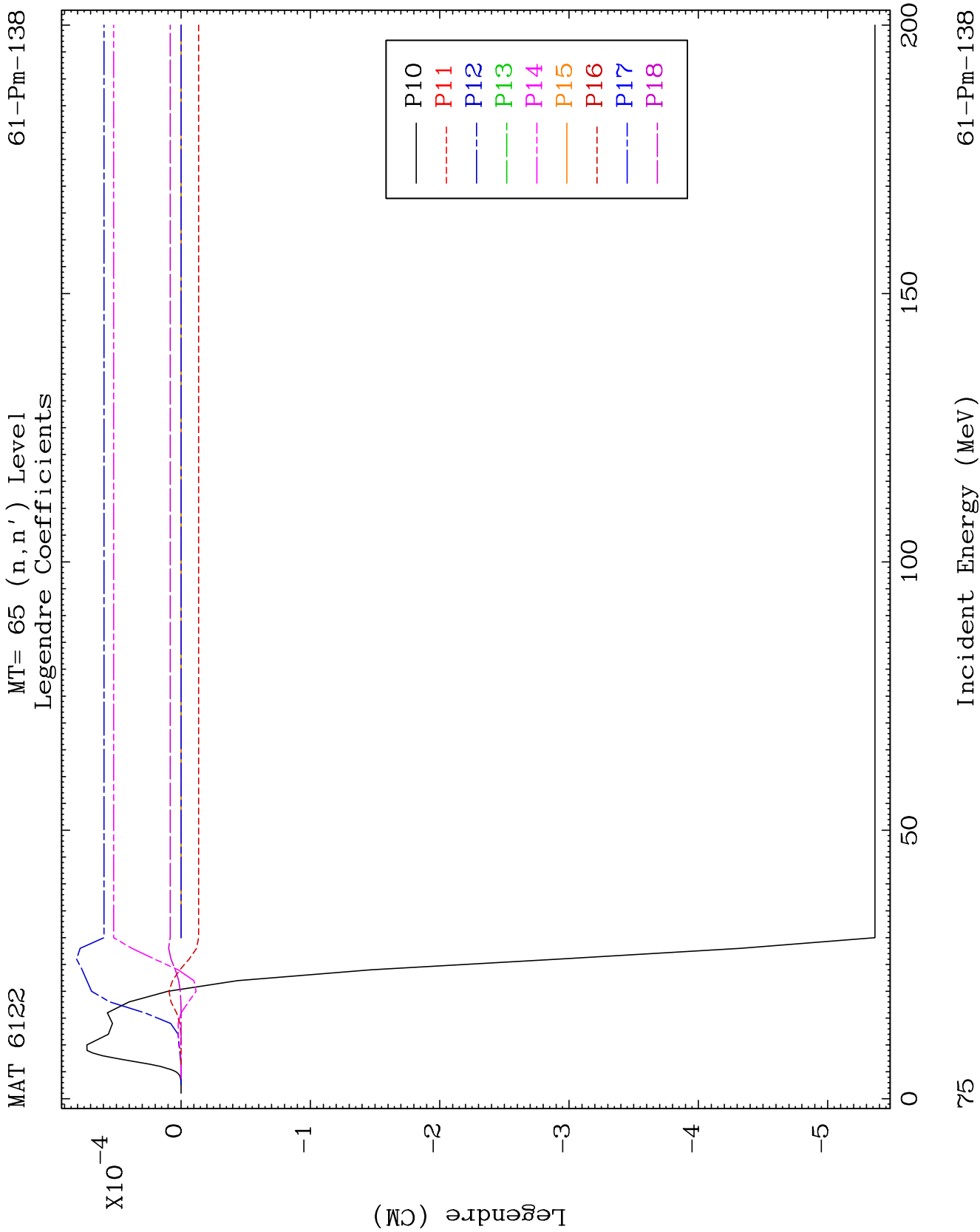
MT= 64 (n, n') Level
Legendre Coefficients

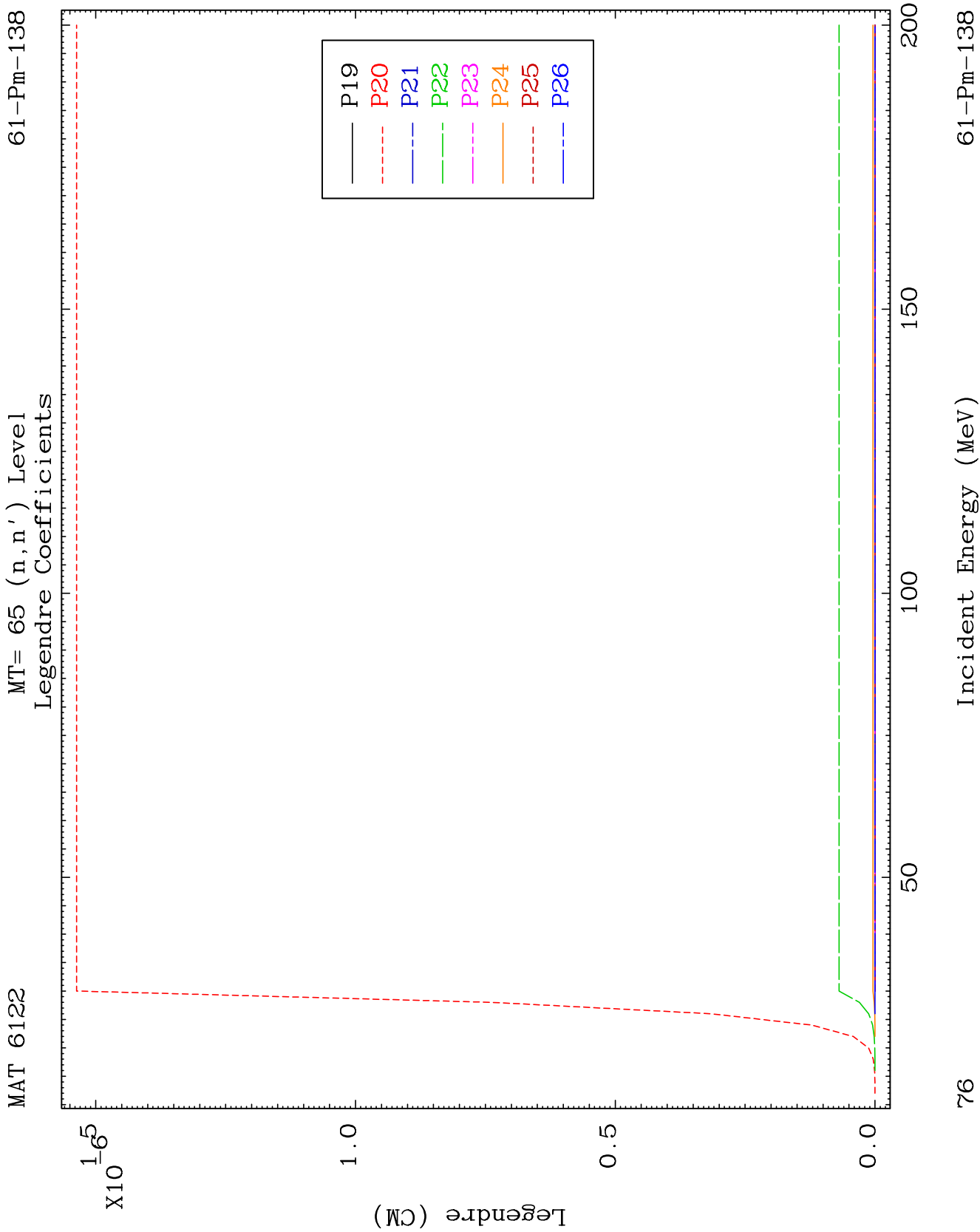
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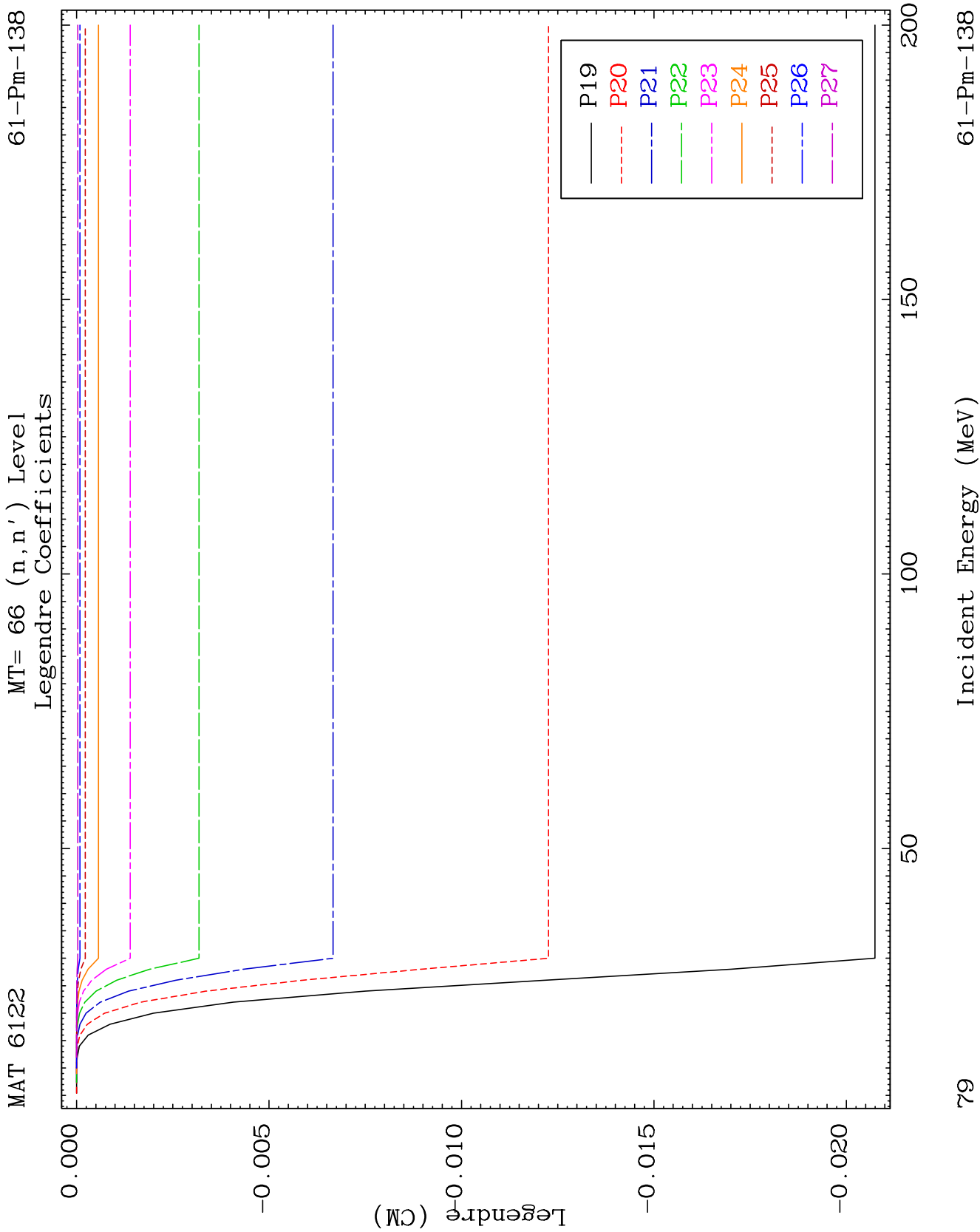


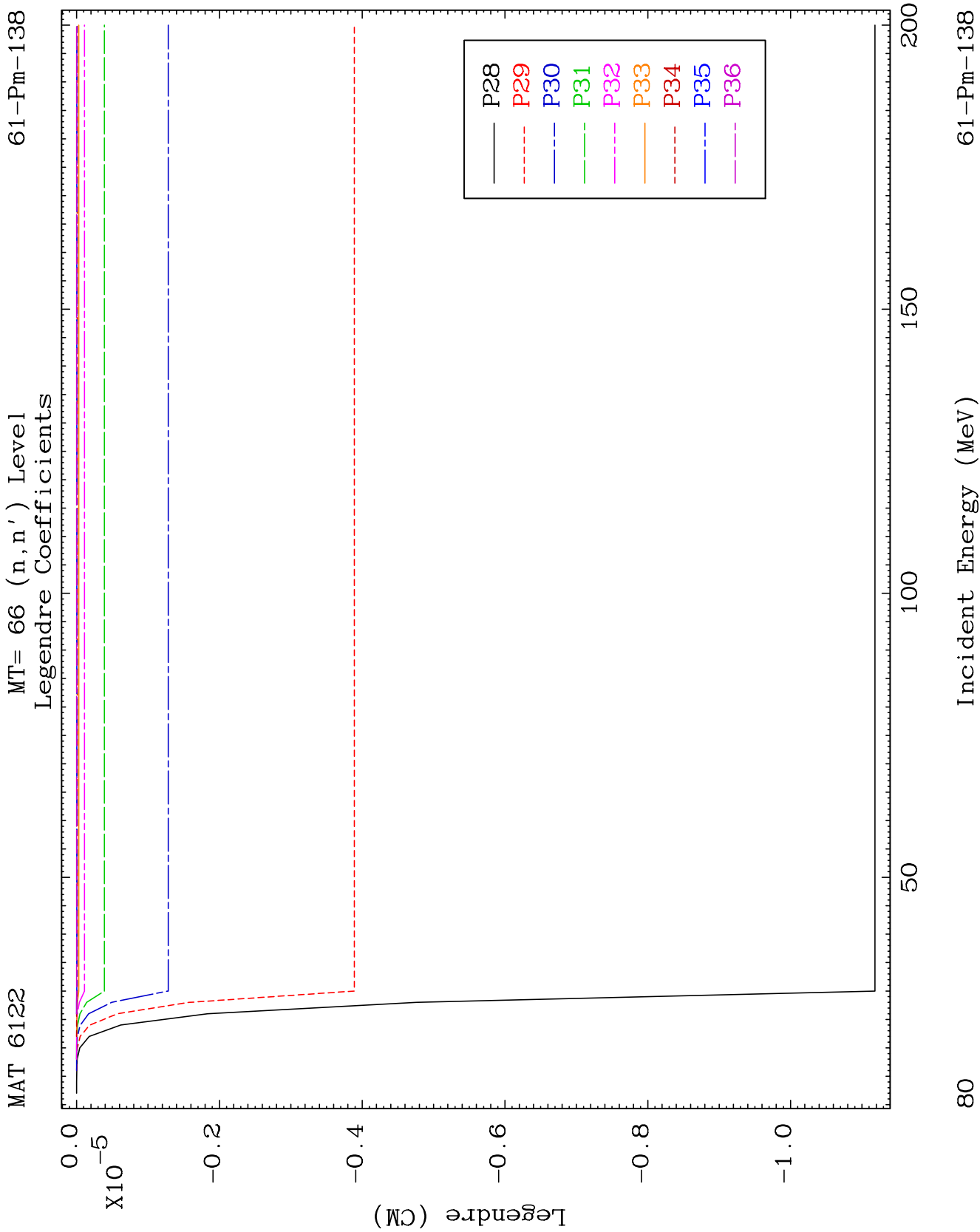








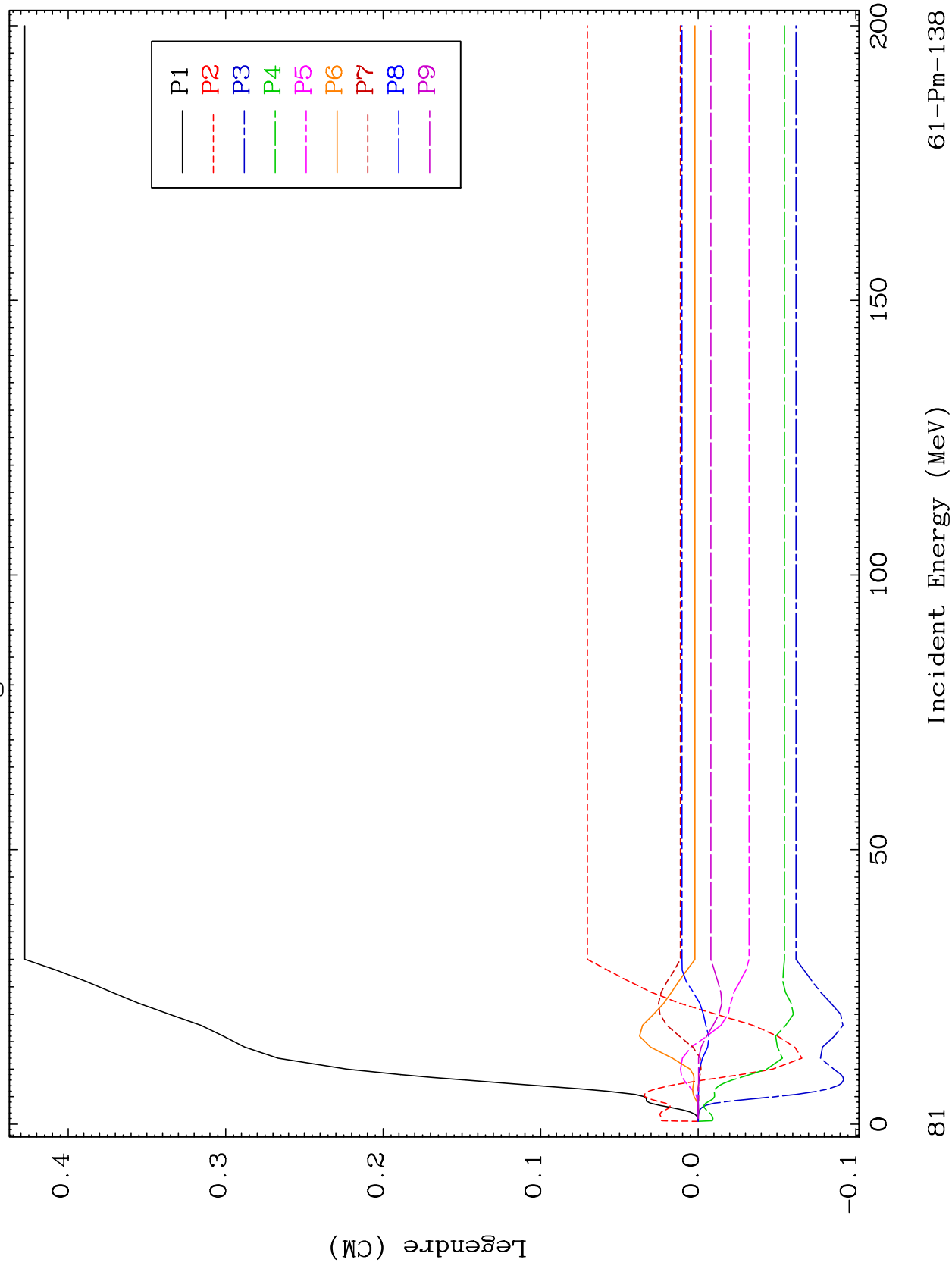




MAT 6122

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

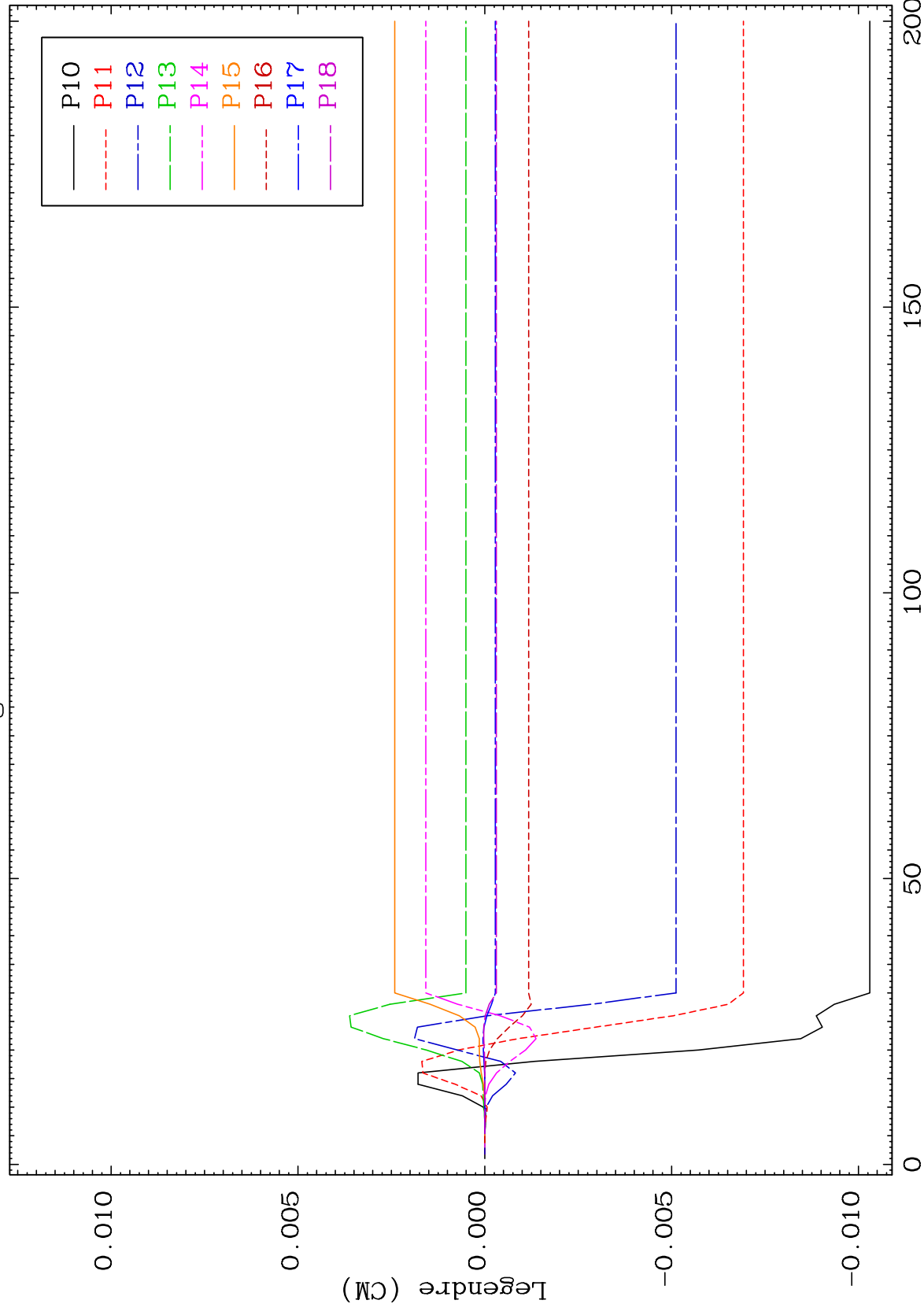
61-Pm-138



MAT 6122

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

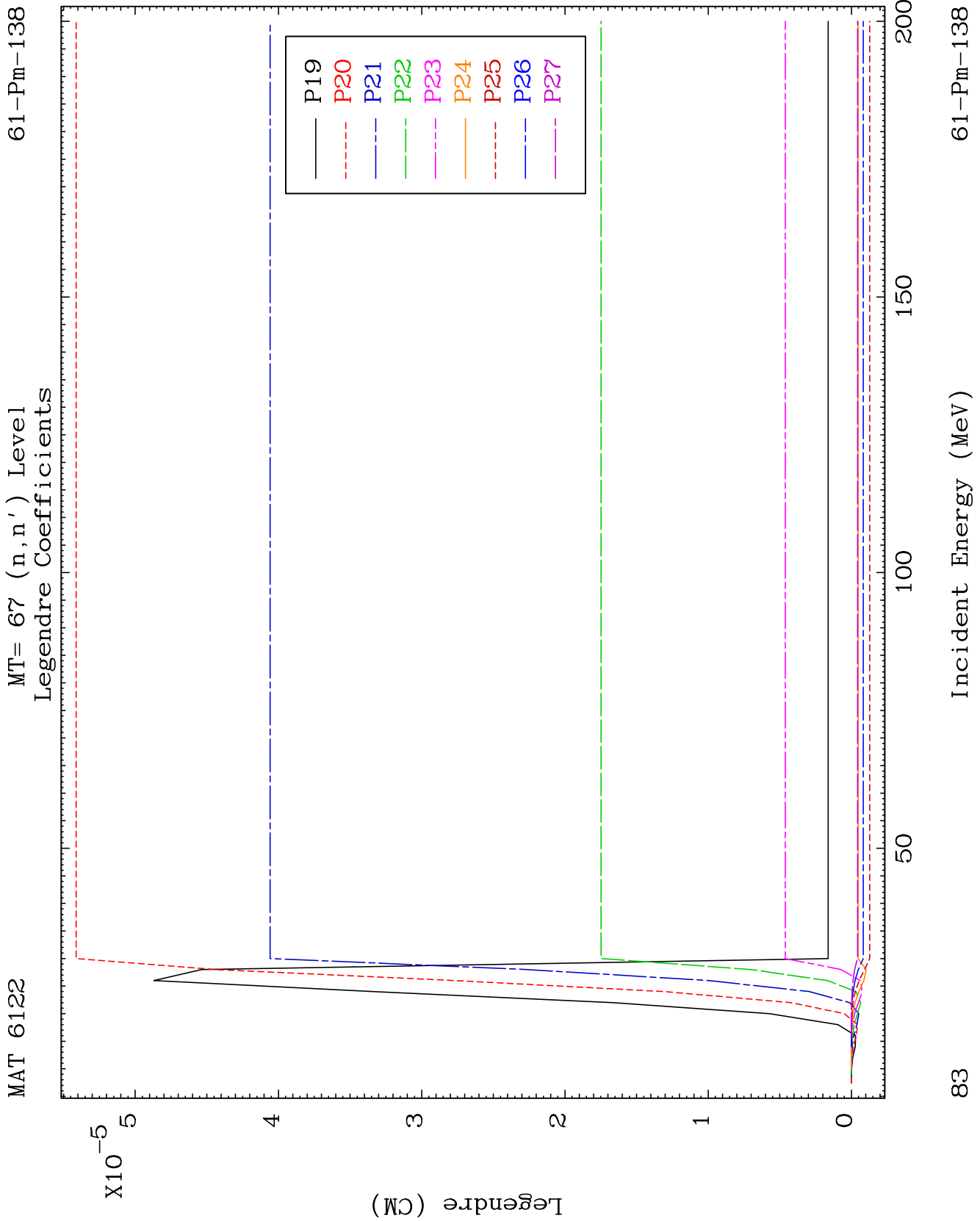
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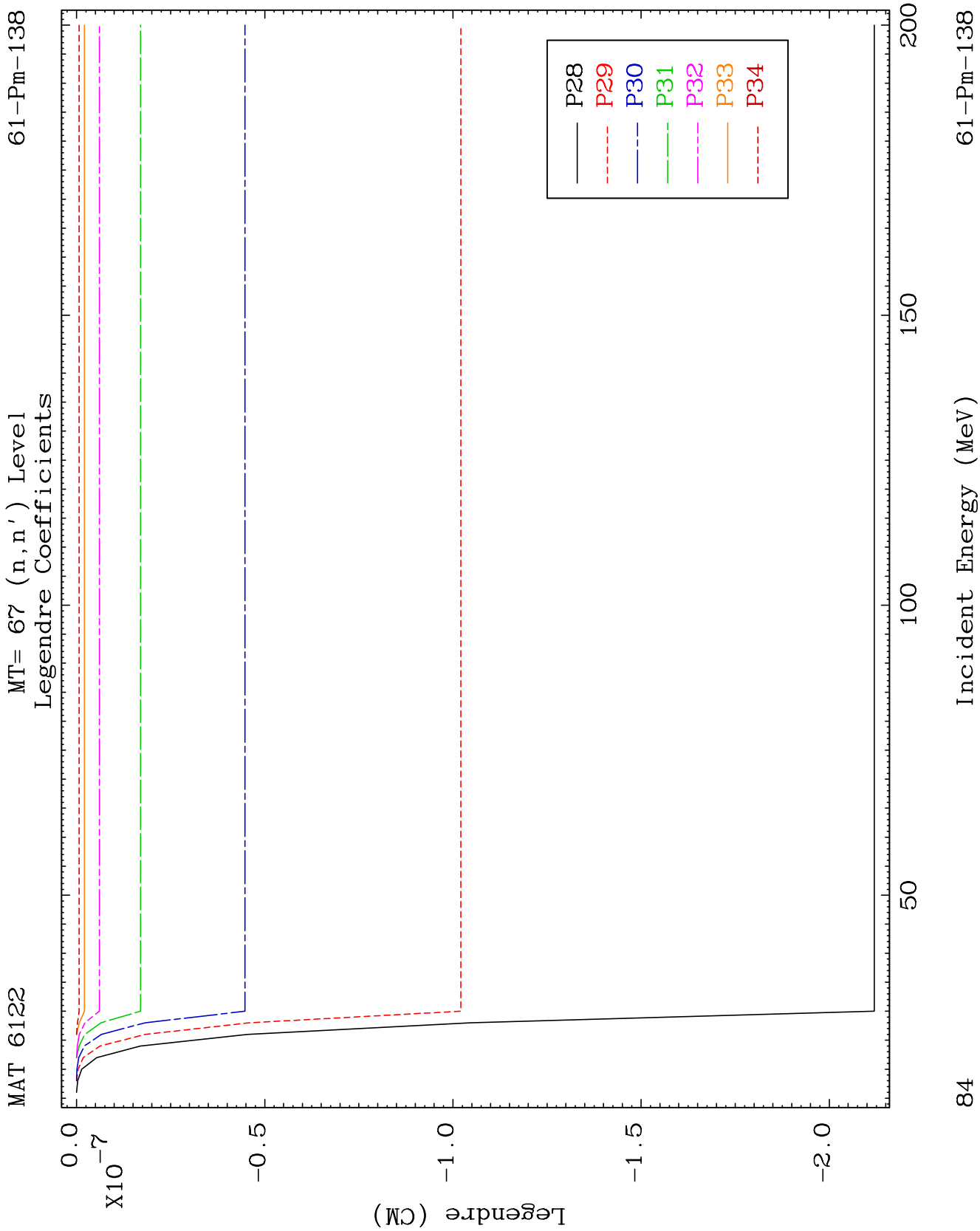


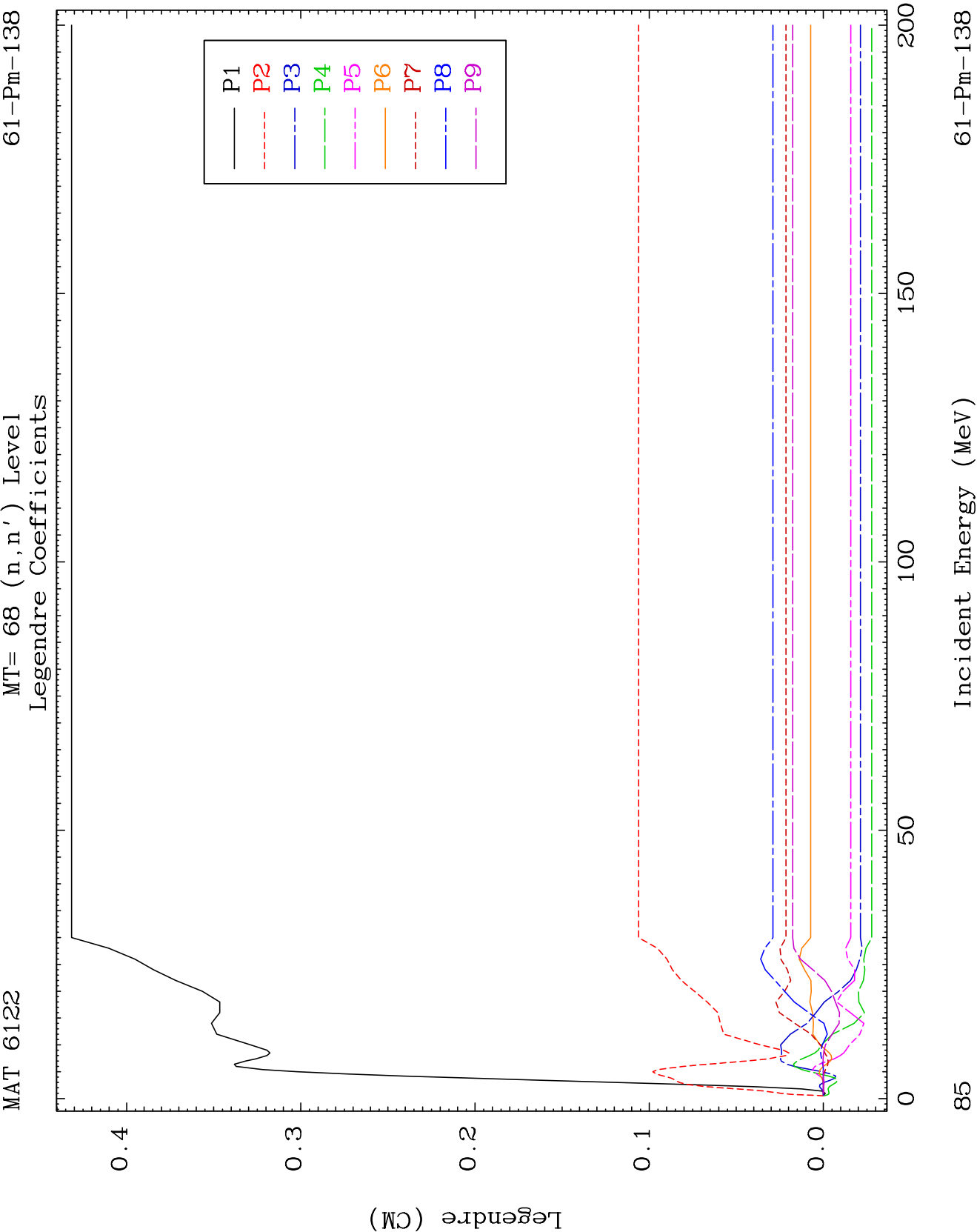
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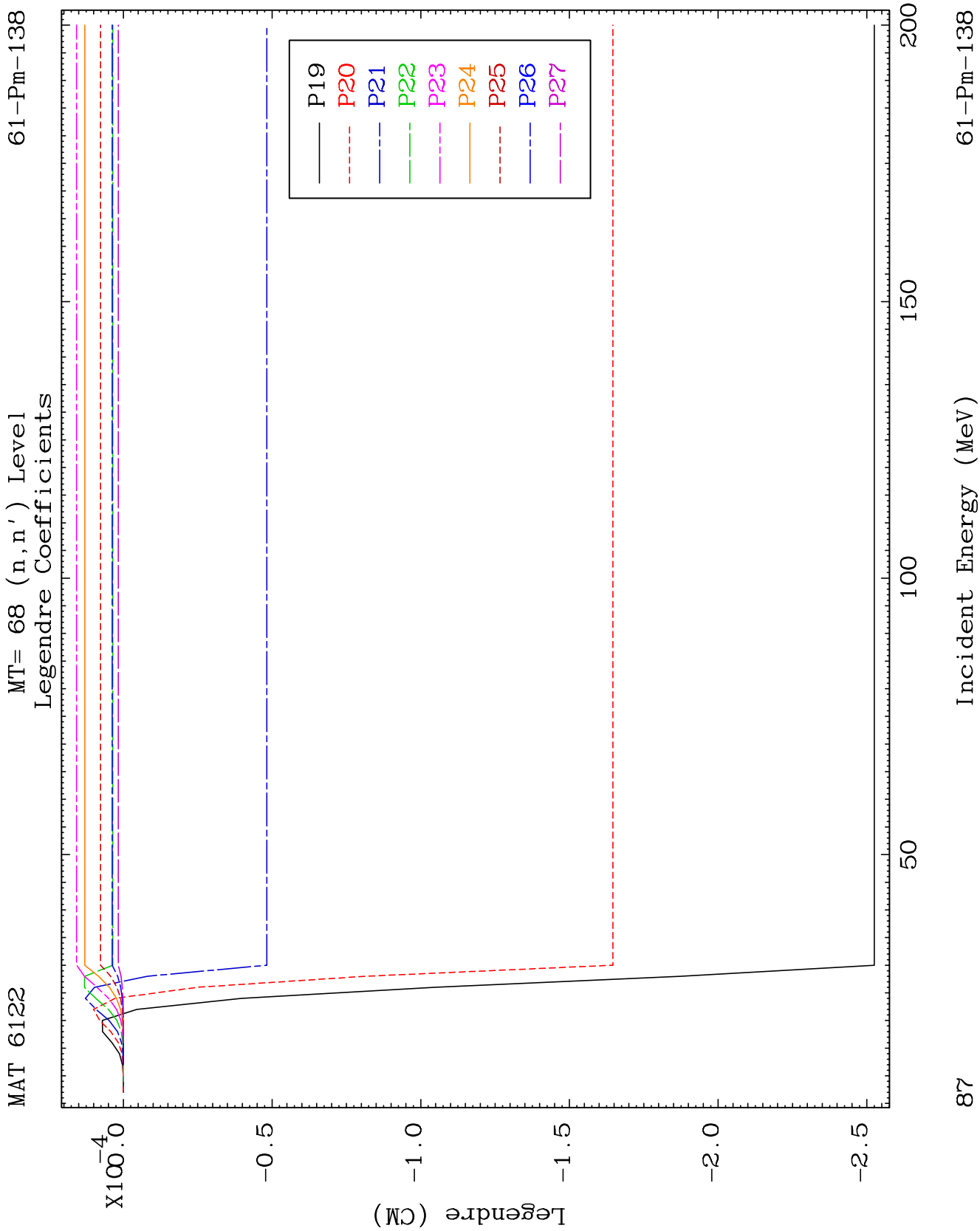
Incident Energy (MeV)

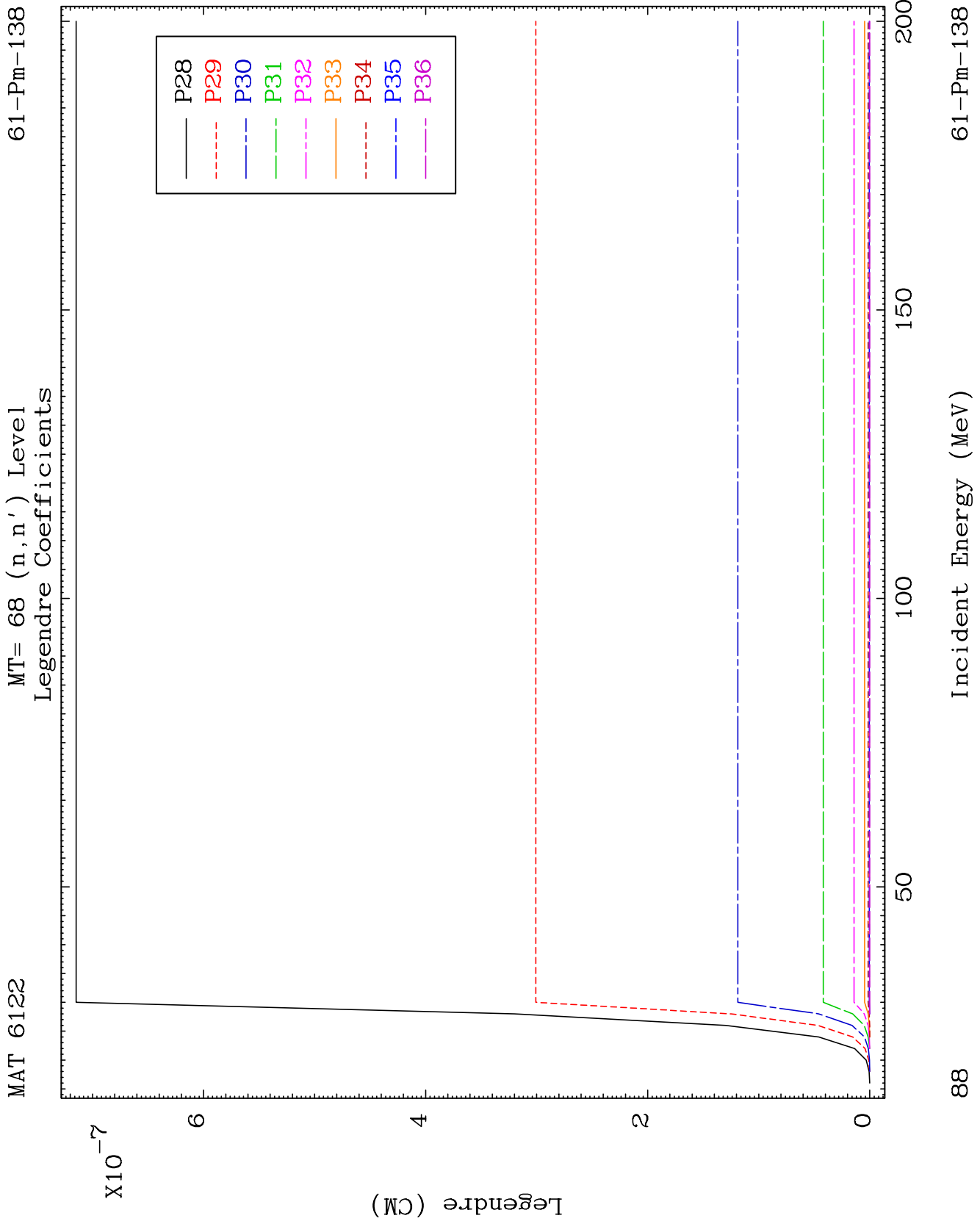
61-Pm-138







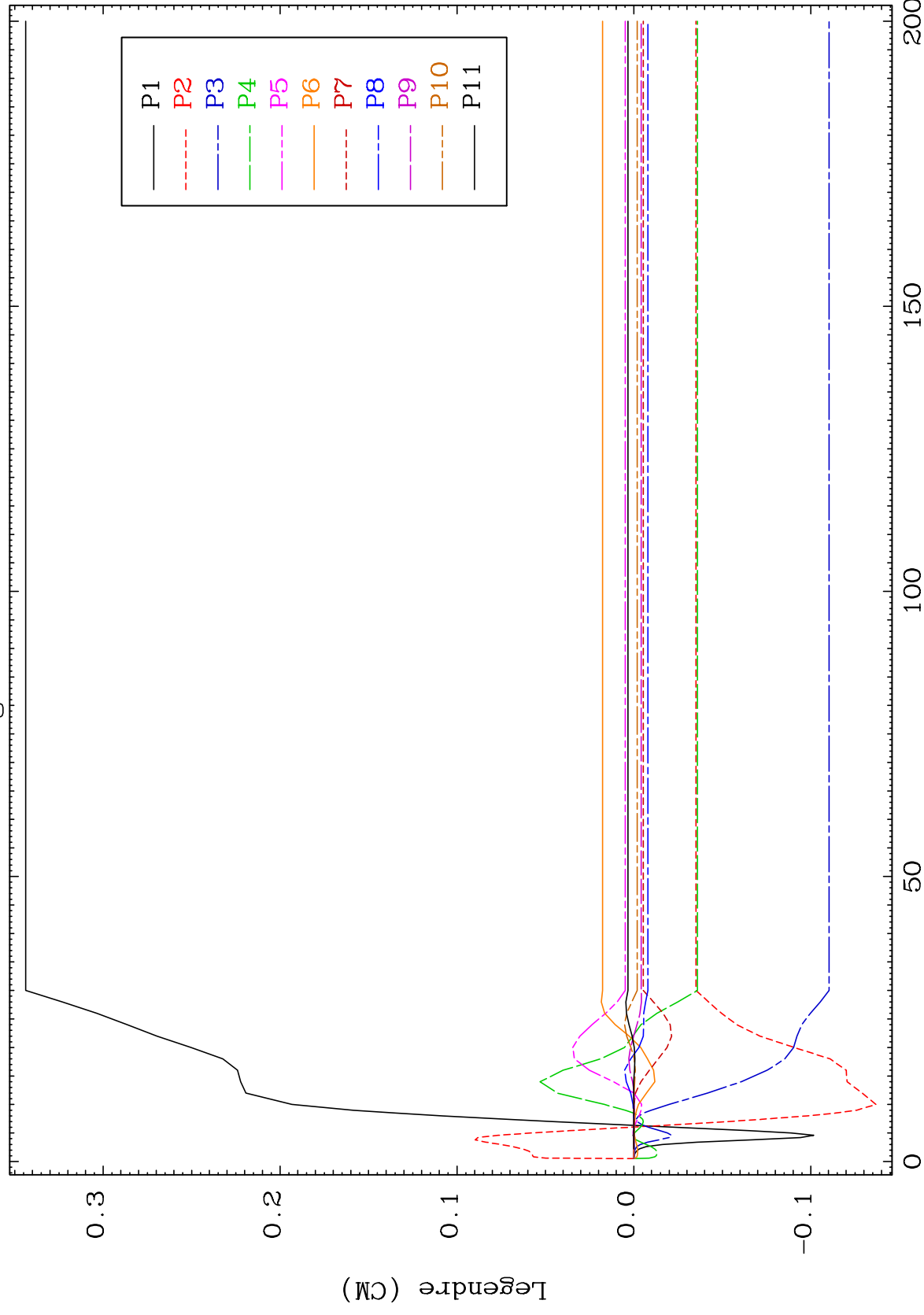




MAT 6122

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

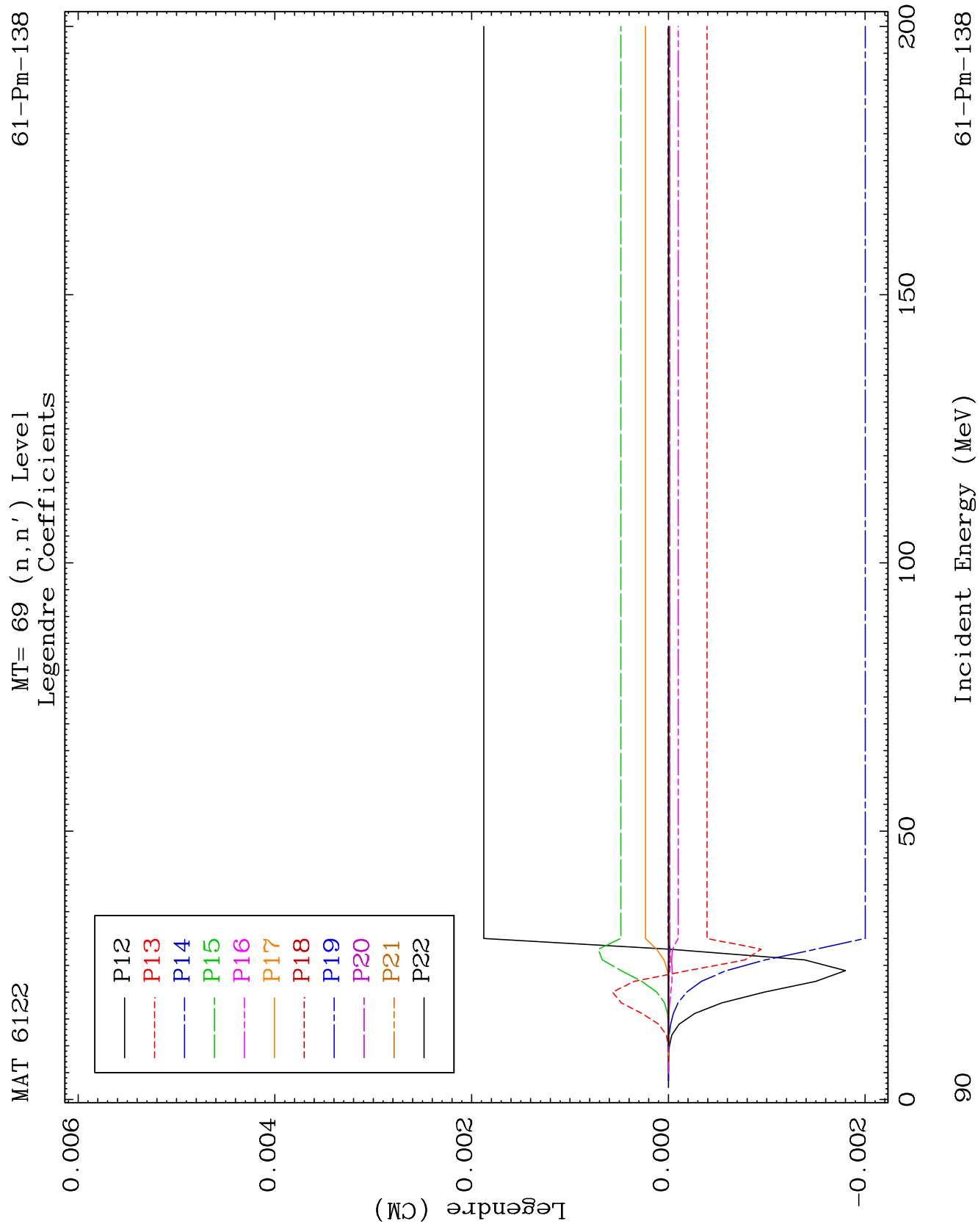
61-Pm-138



98

Incident Energy (MeV)

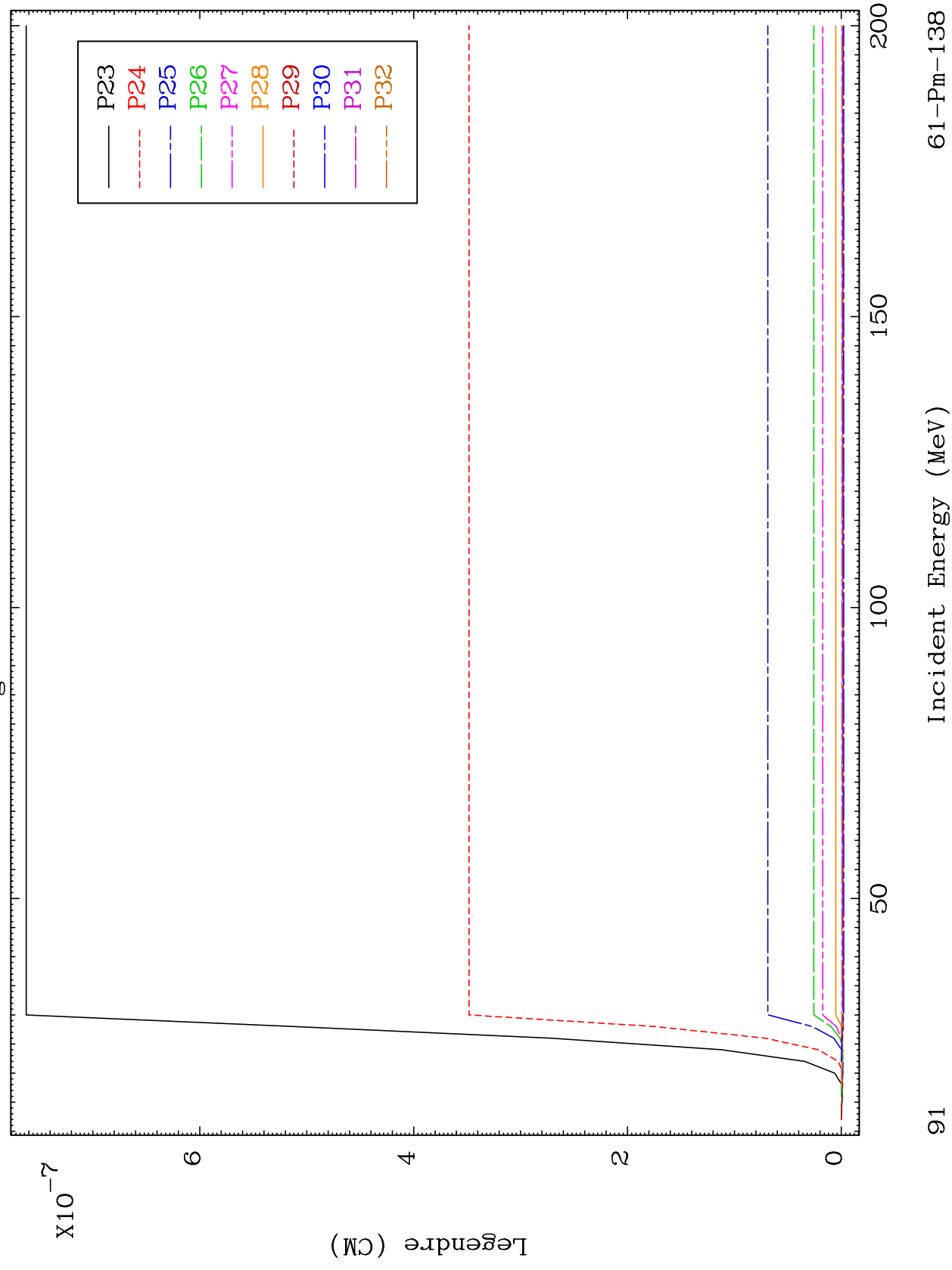
61-Pm-138



MAT 6122

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

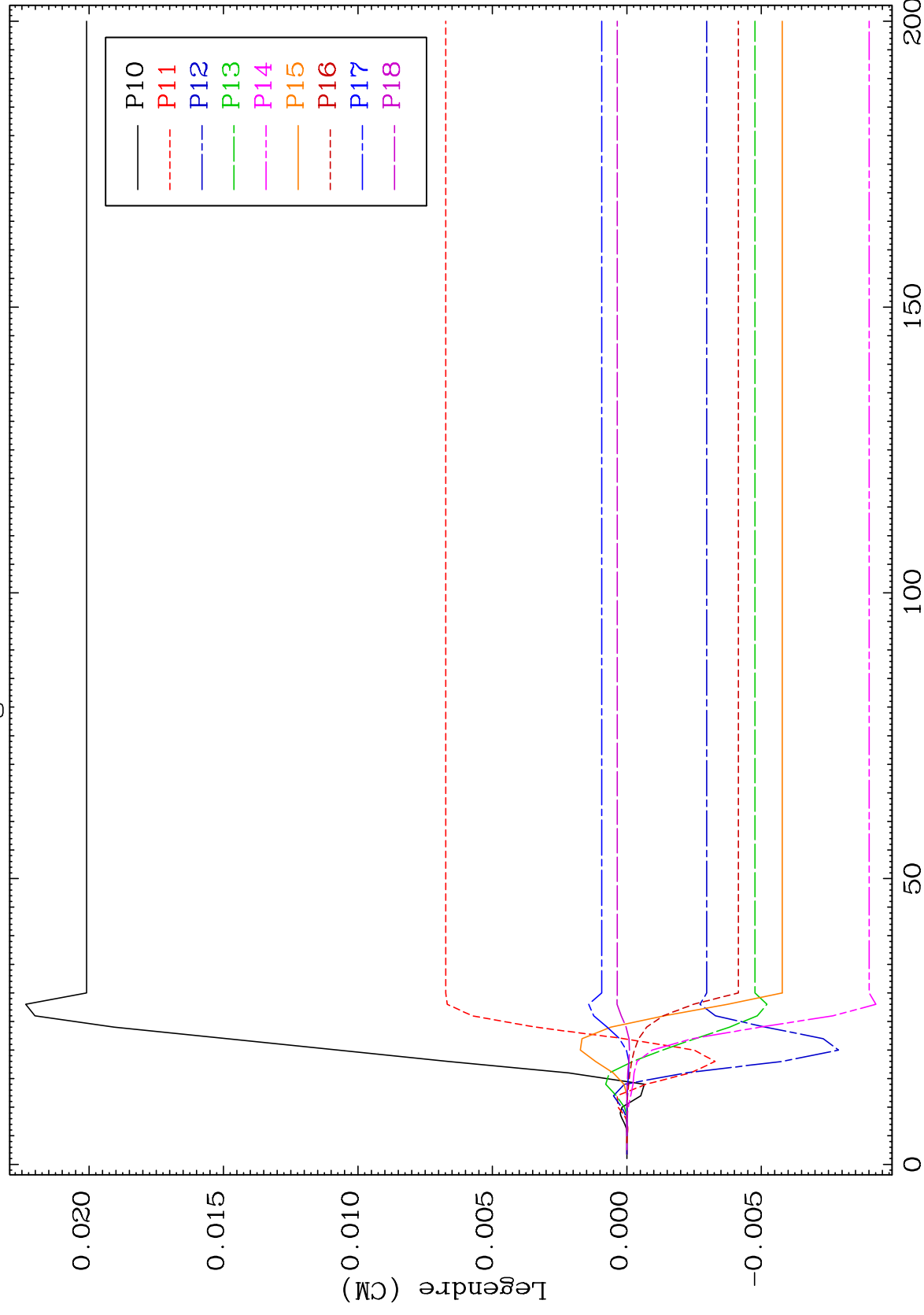
61-Pm-138



MAT 6122

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

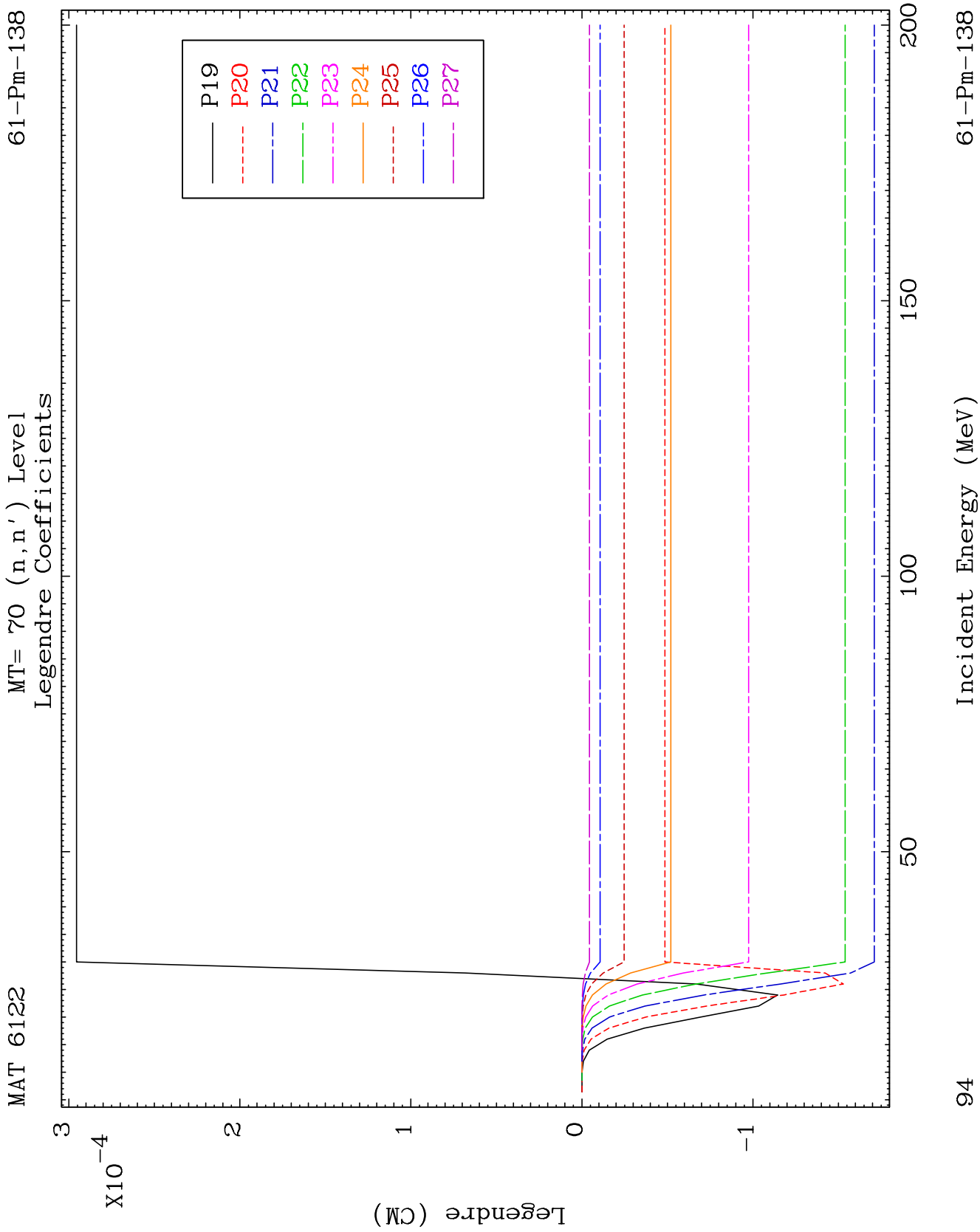
61-Pm-138

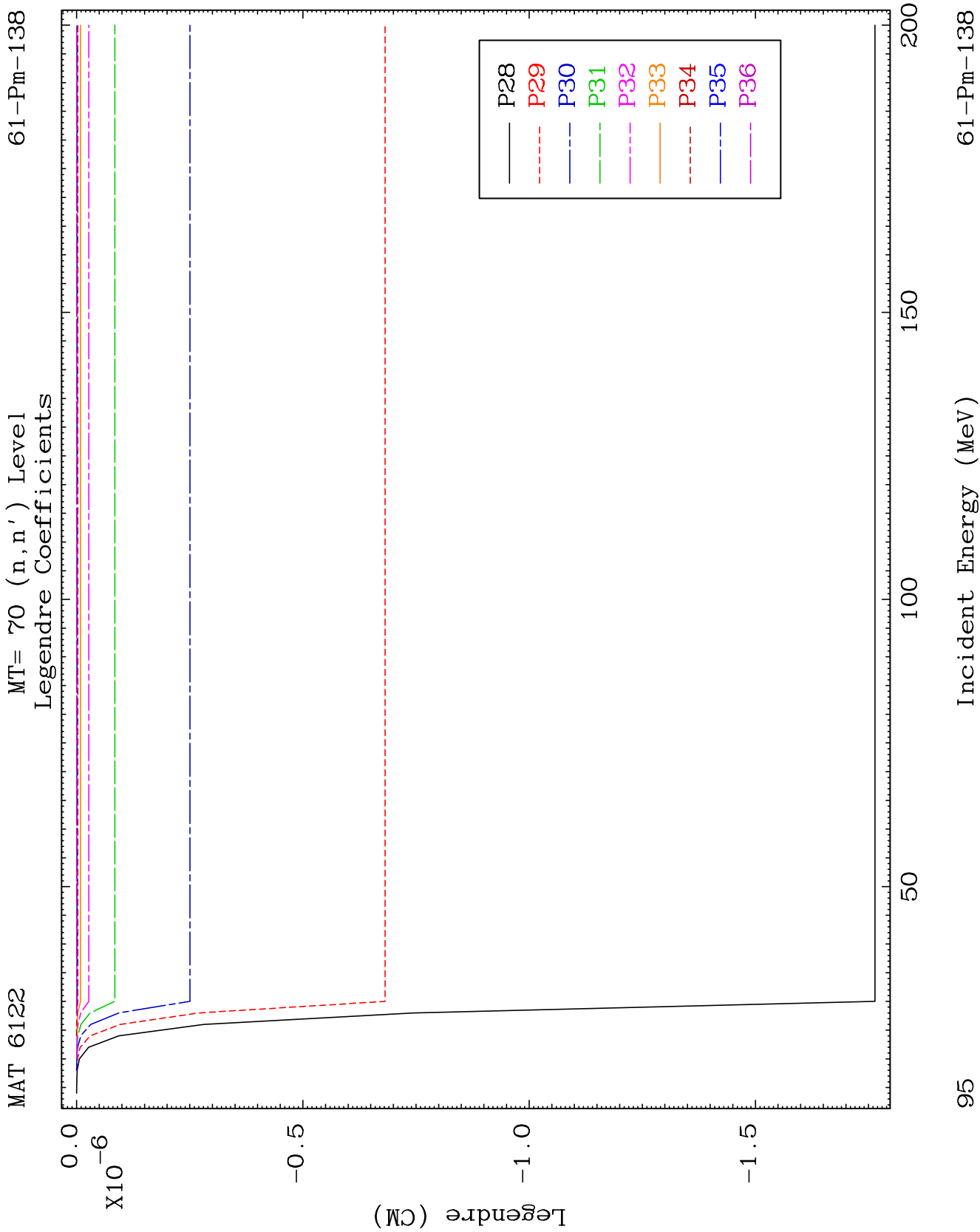


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Incident Energy (MeV)

61-Pm-138

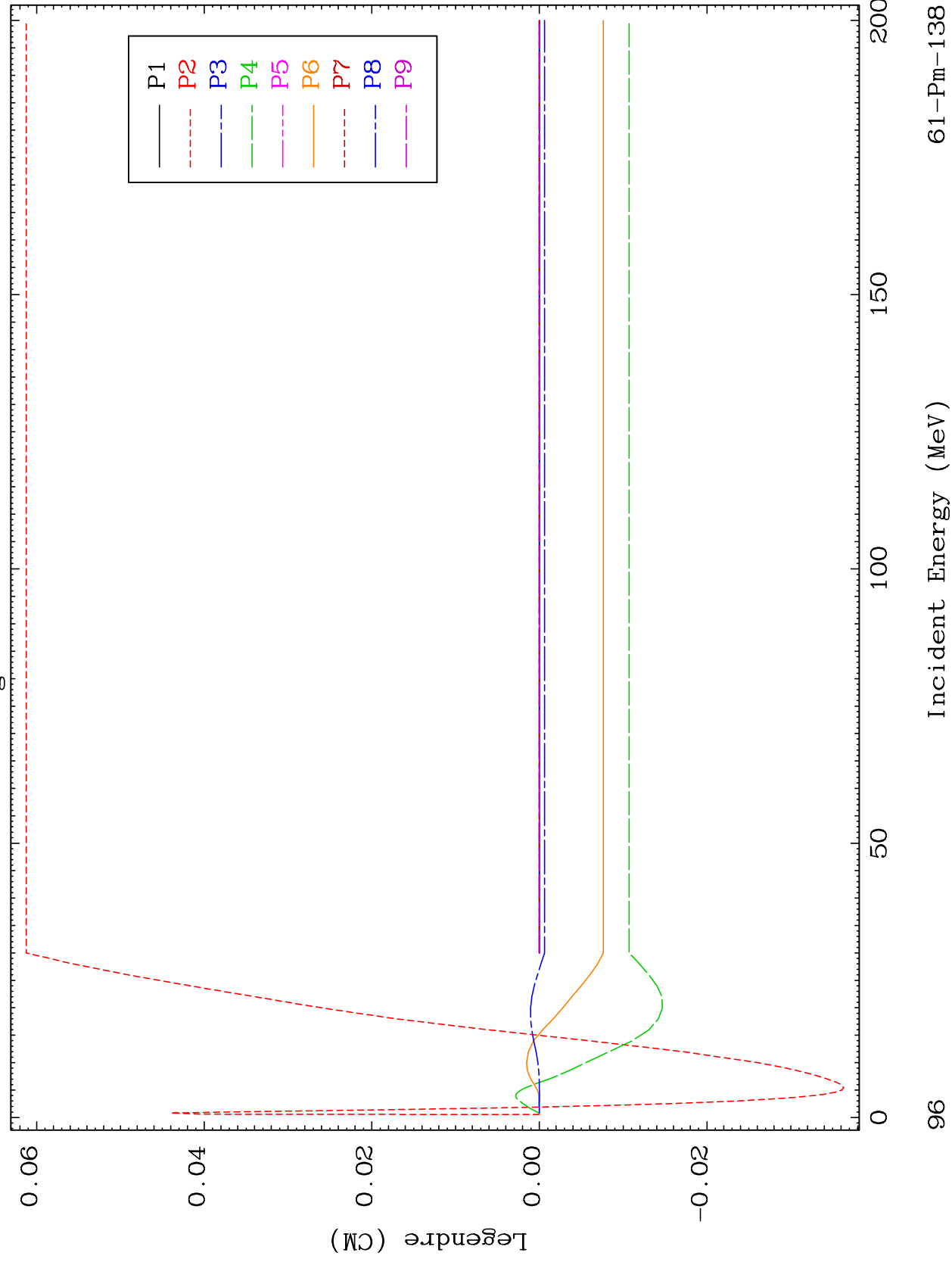




MAT 6122

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

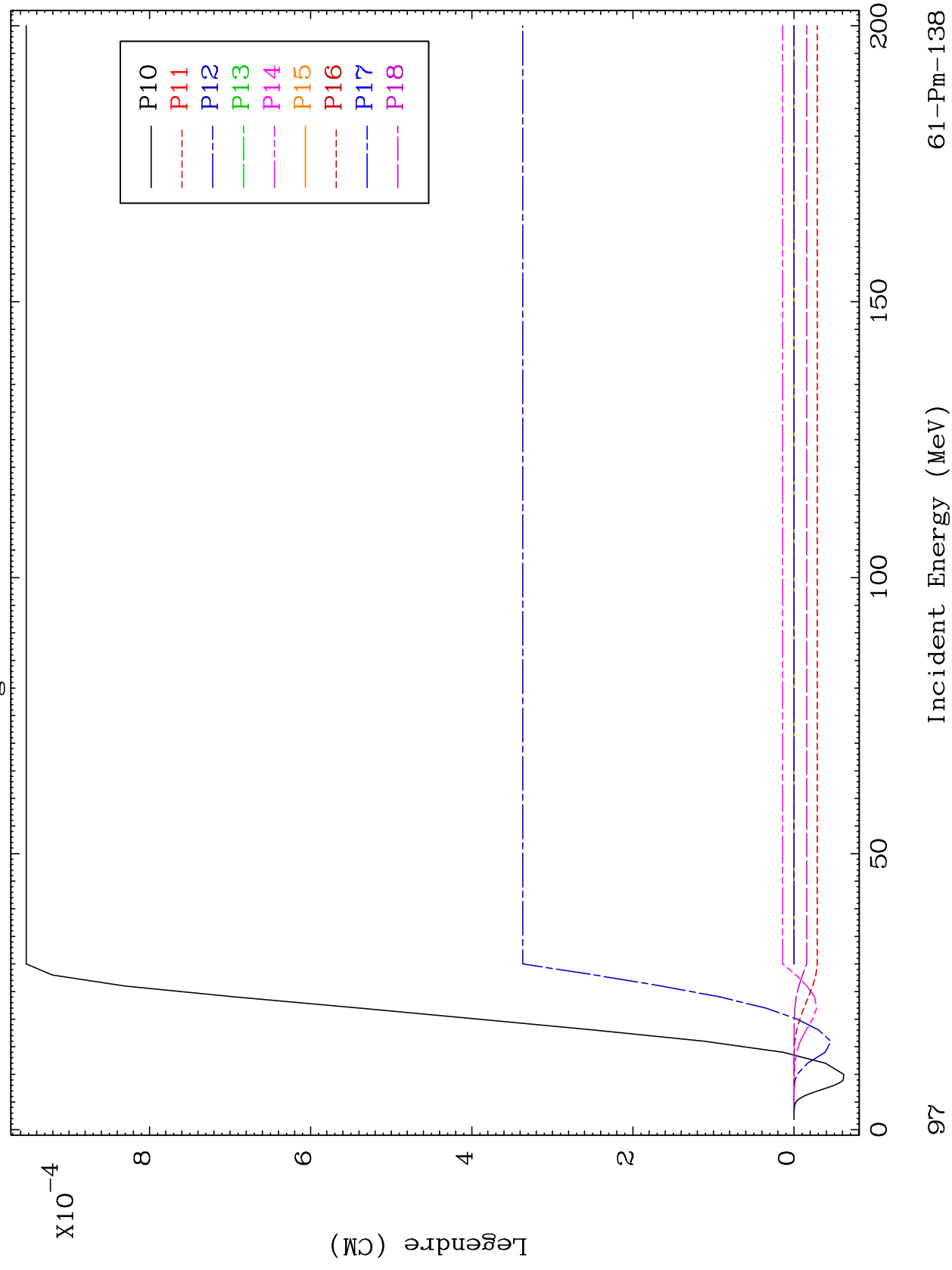
61-Pm-138



MAT 6122

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

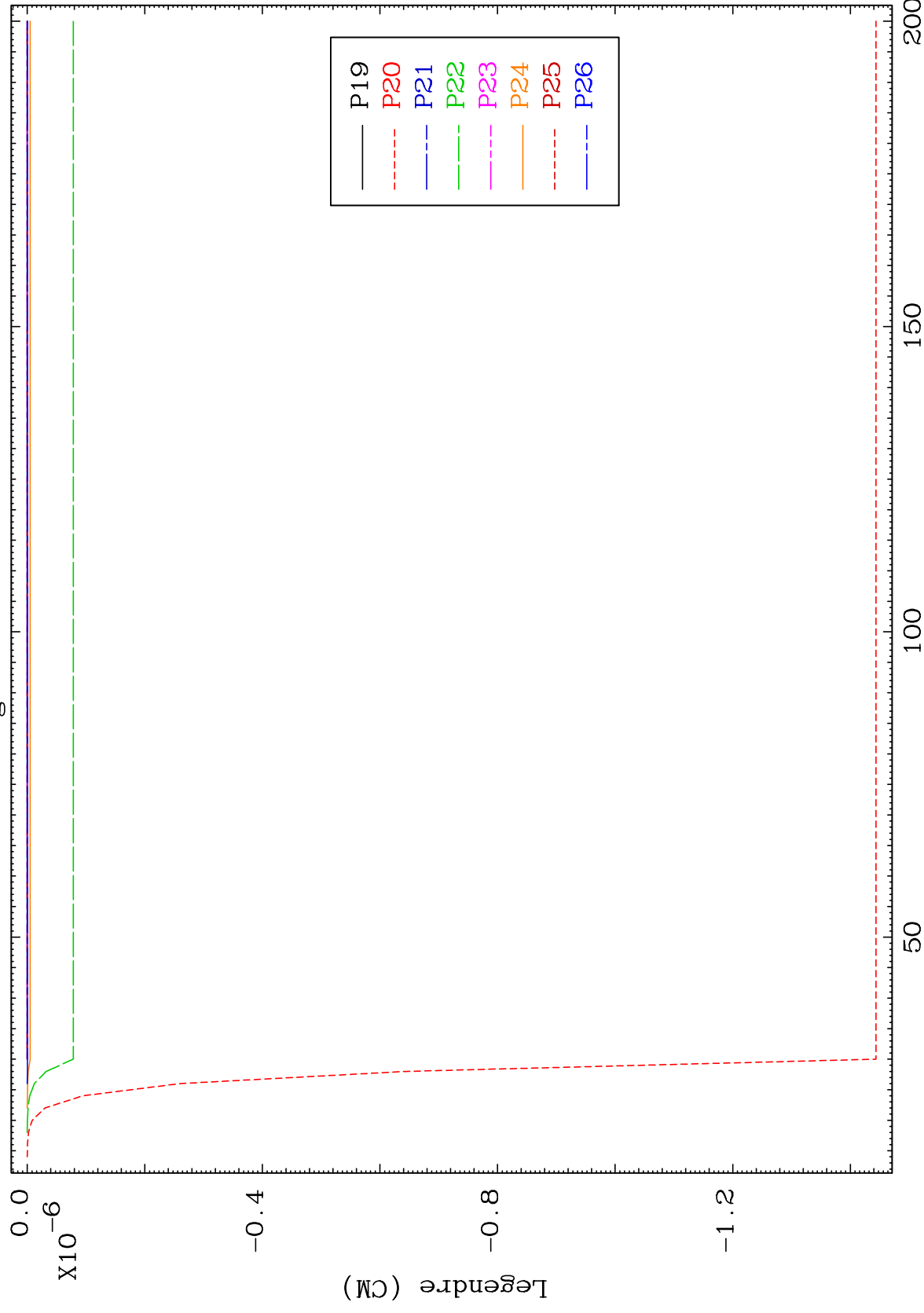
61-Pm-138



MAT 6122

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

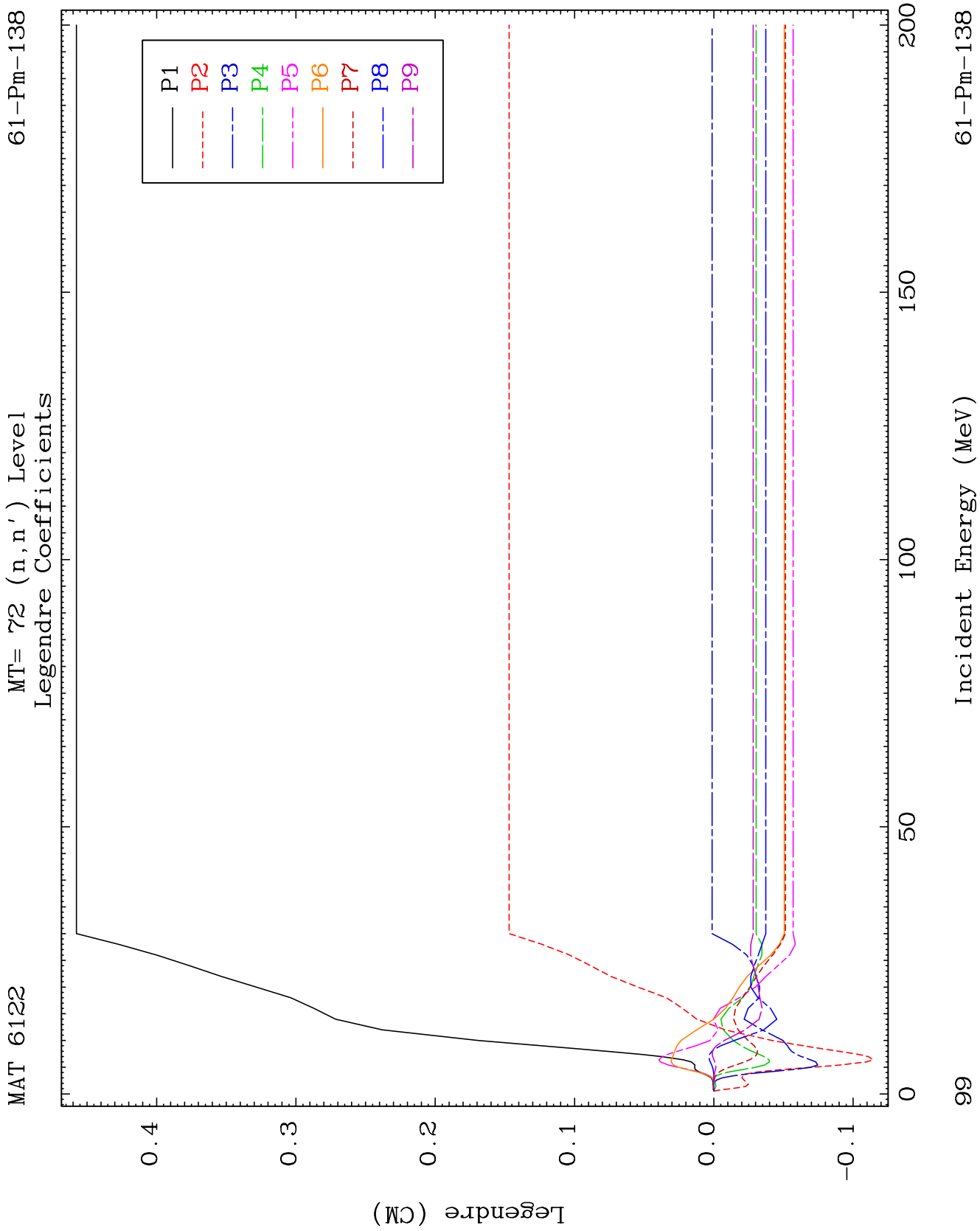
61-Pm-138



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Incident Energy (MeV)

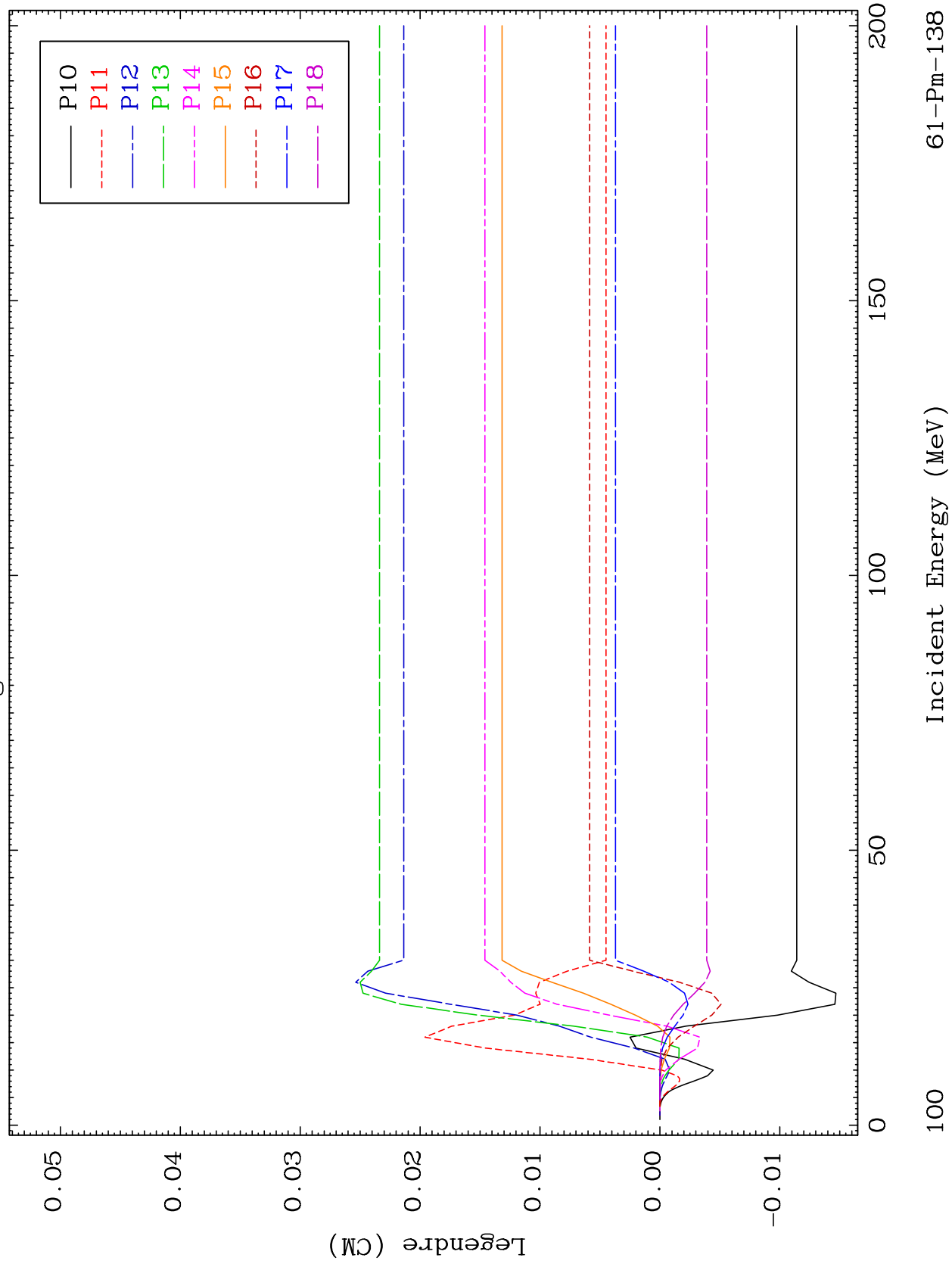
61-Pm-138

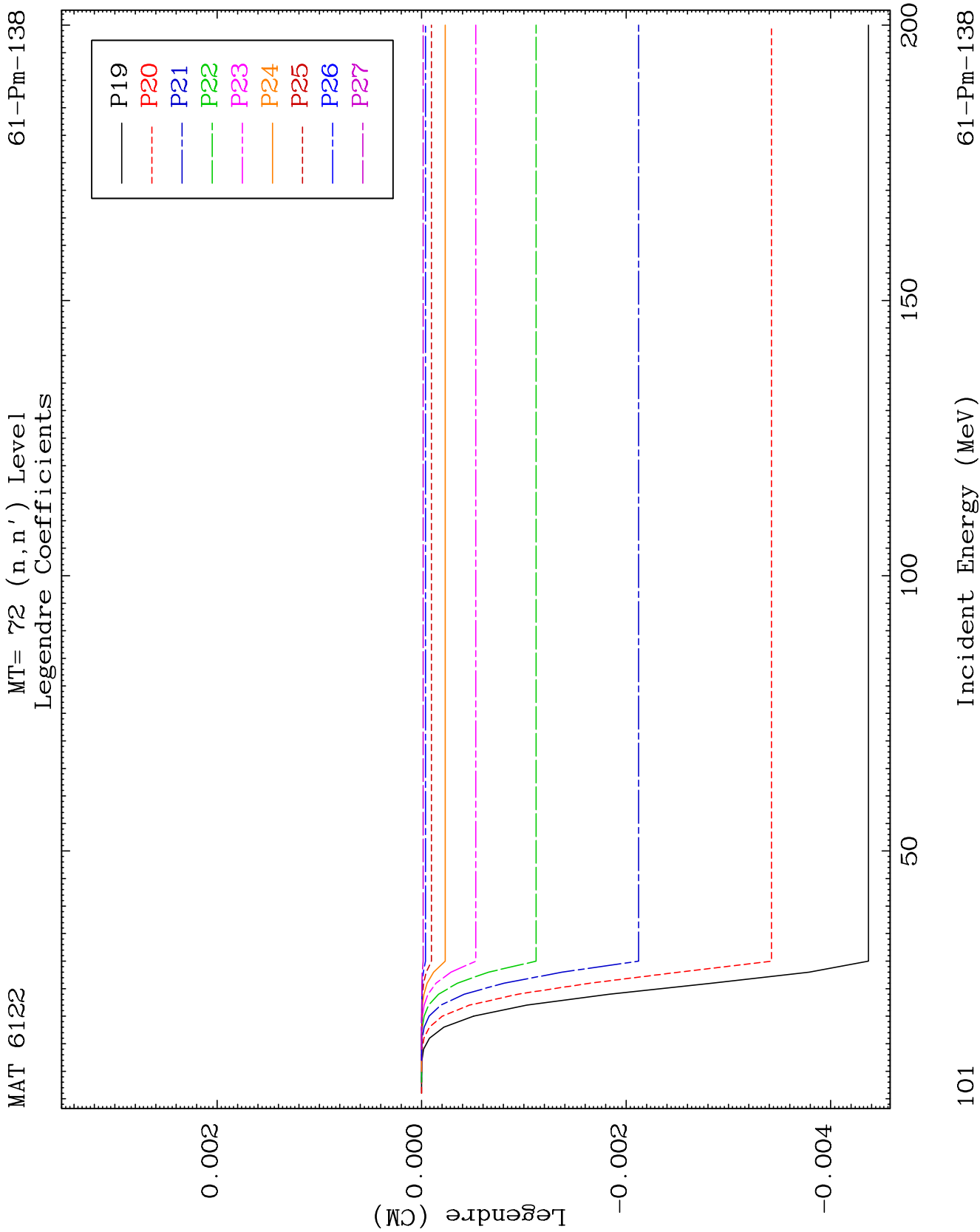


MAT 6122

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

61-Pm-138

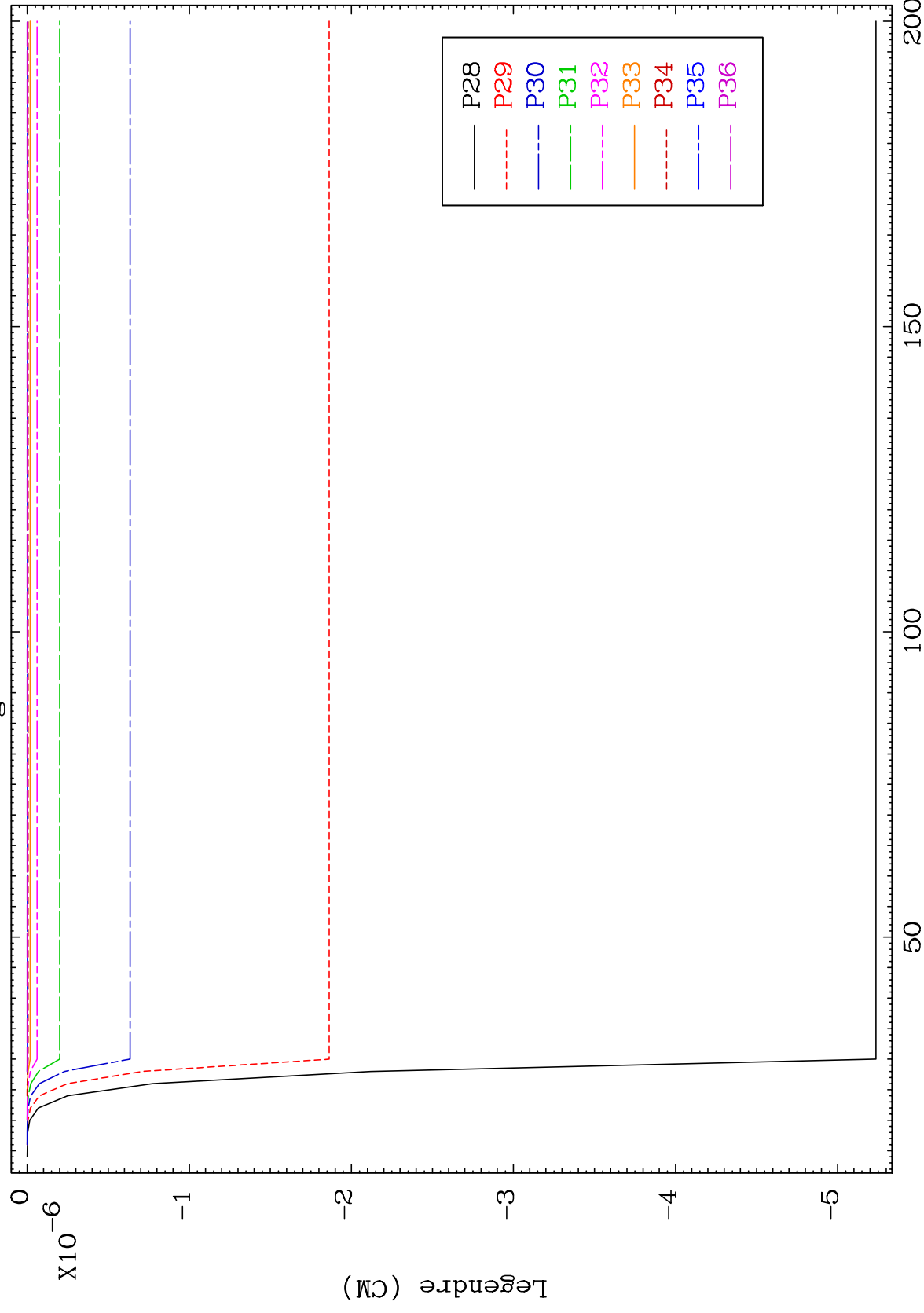




MAT 6122

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

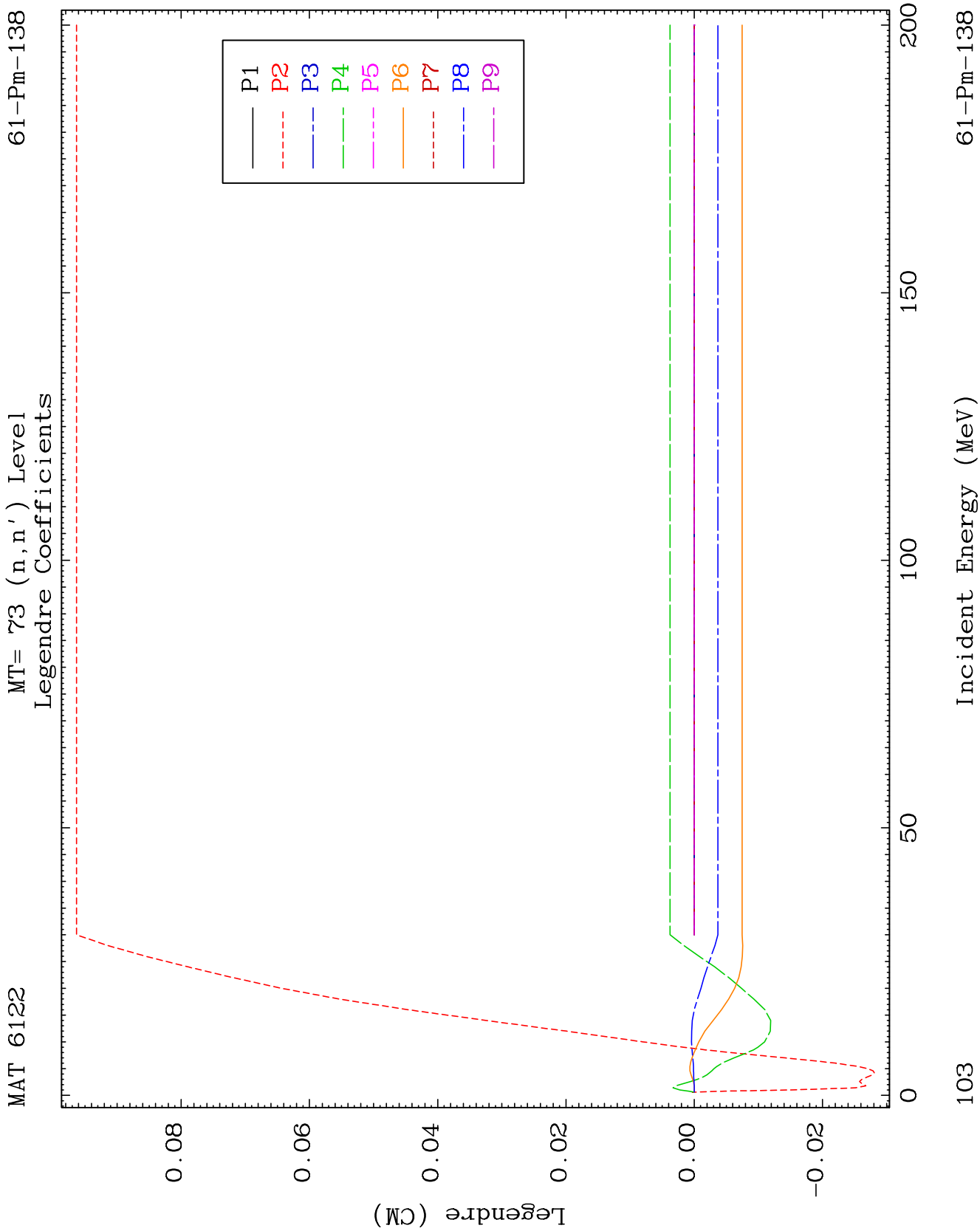
61-Pm-138

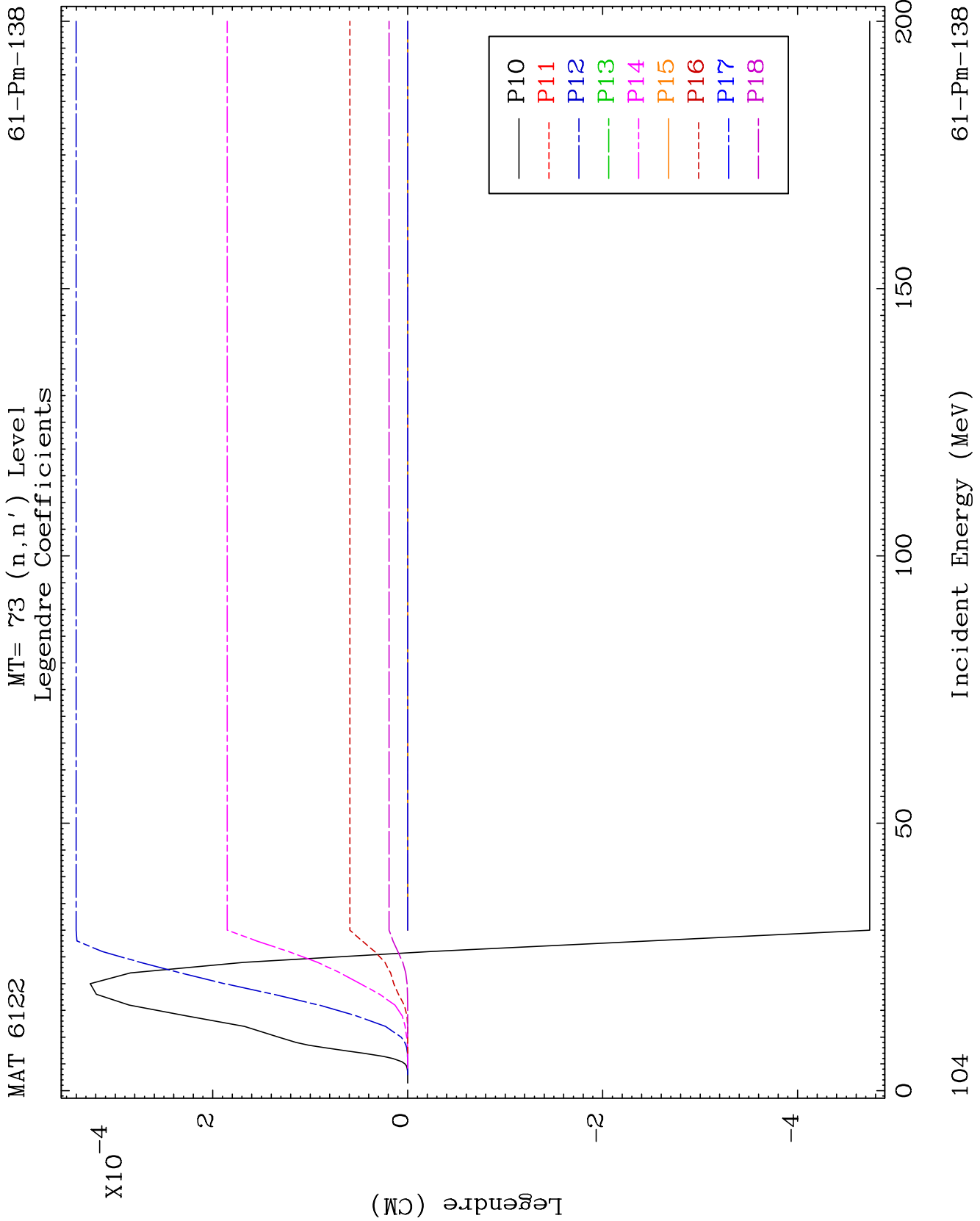


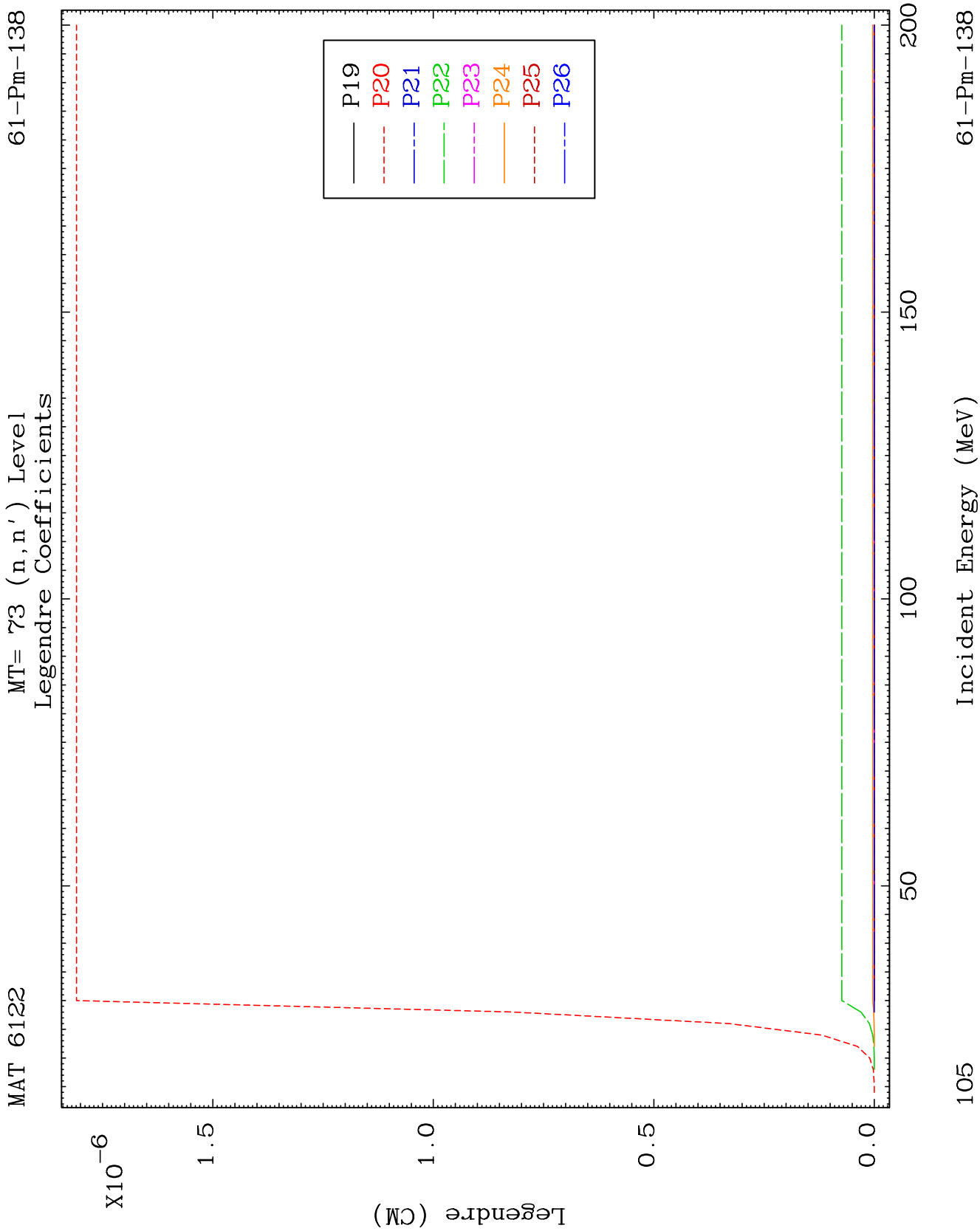
102

Incident Energy (MeV)

61-Pm-138



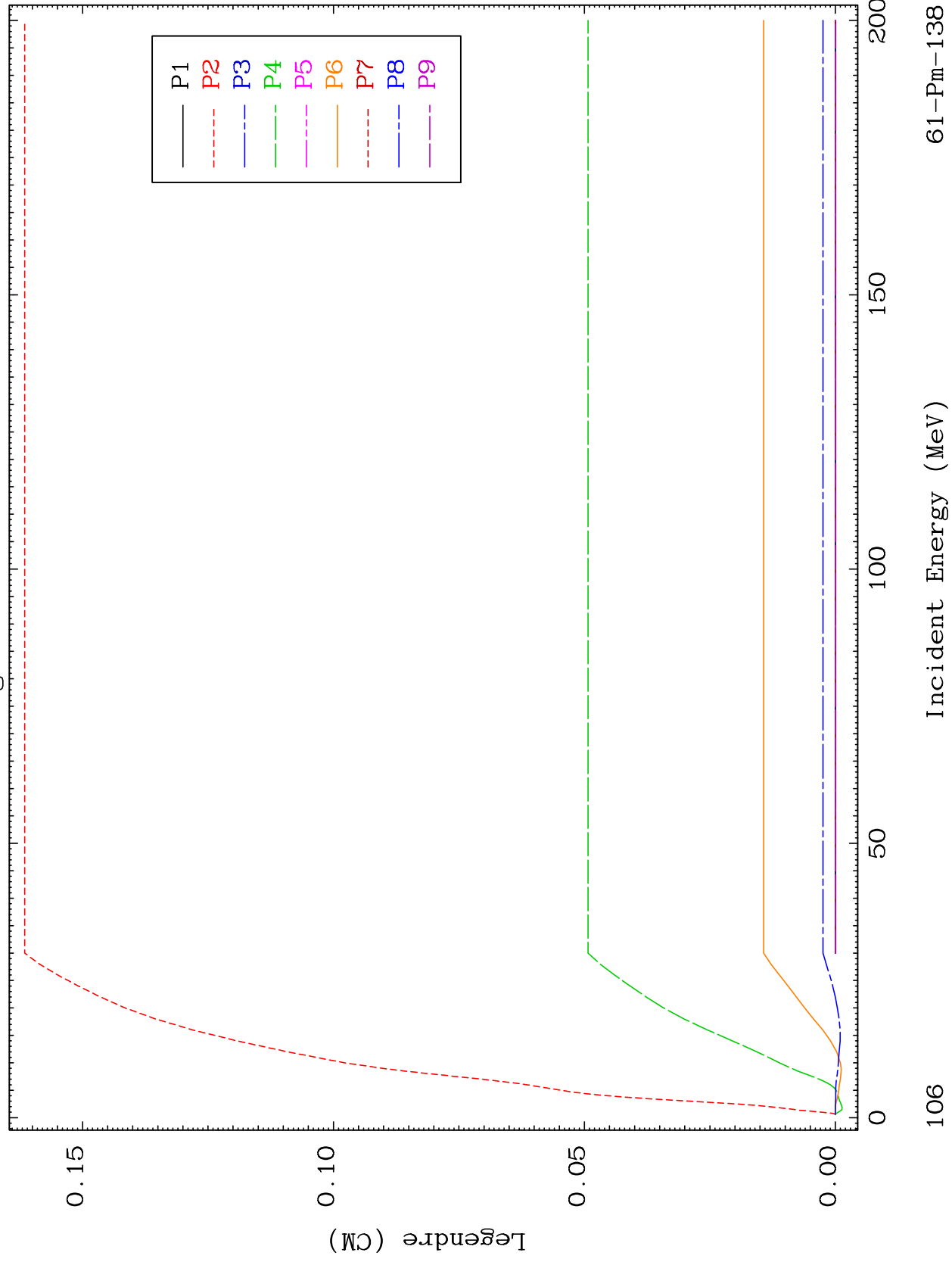


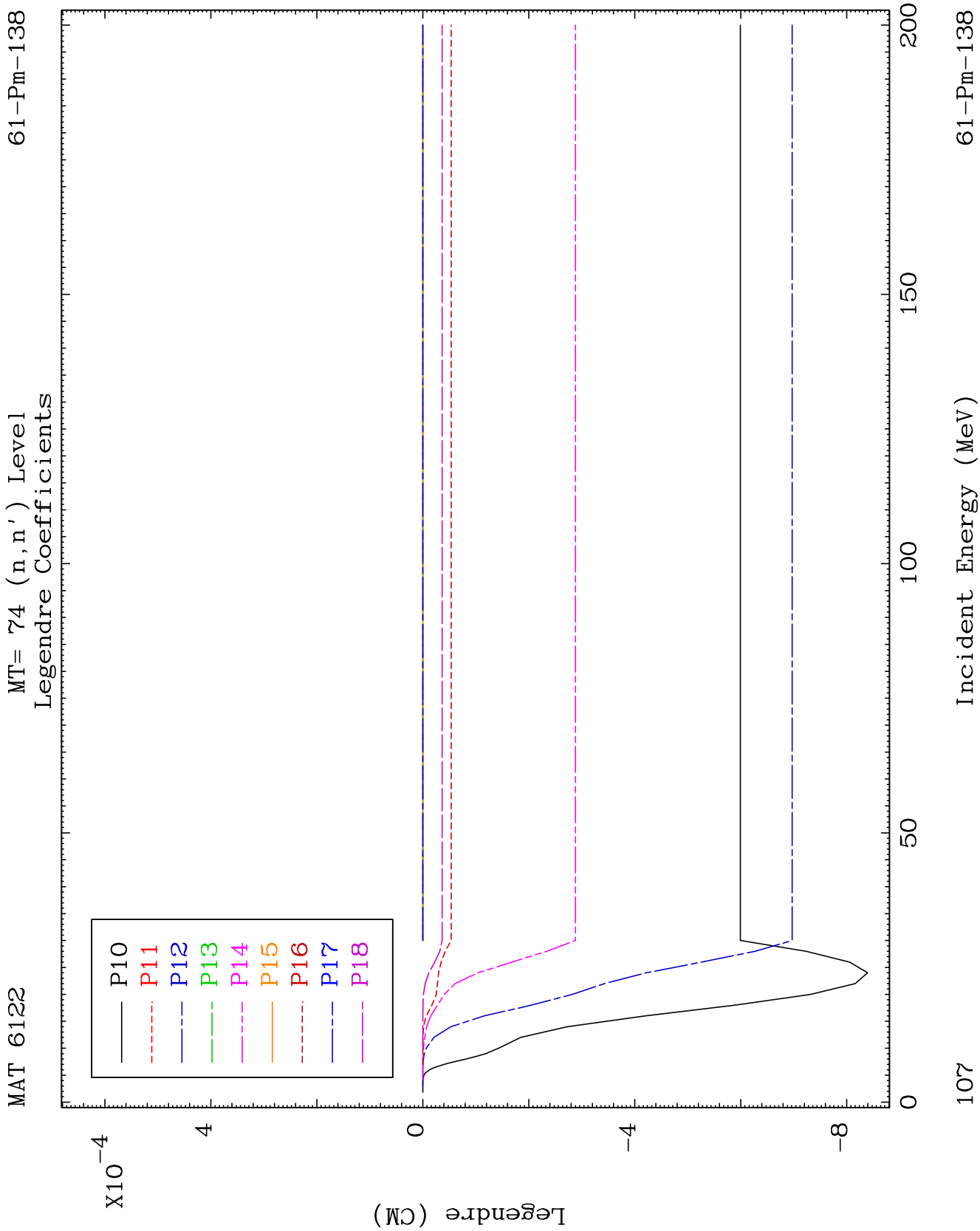


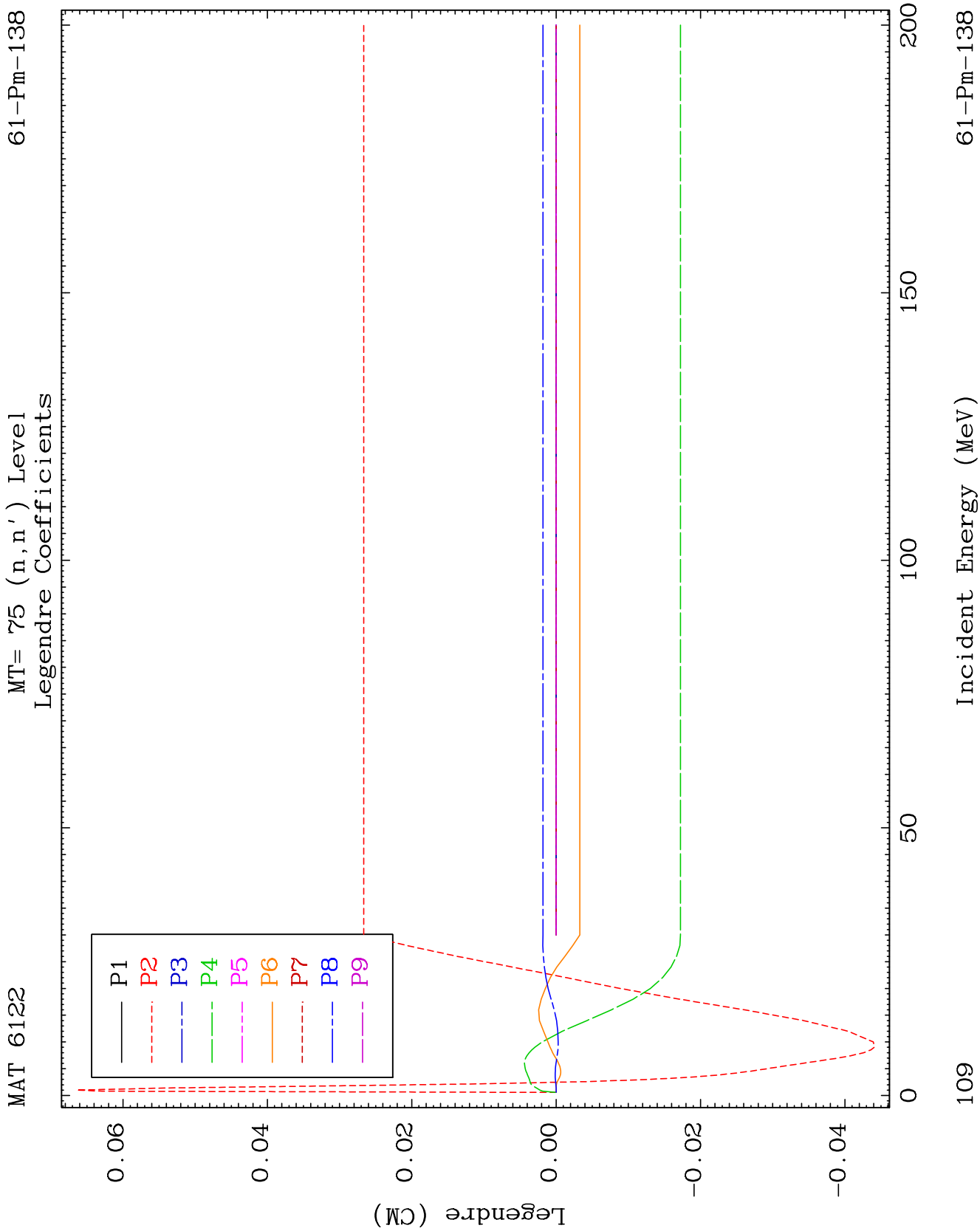
MAT 6122

MT= 74 (n, n') Level
Legendre Coefficients

61-Pm-138



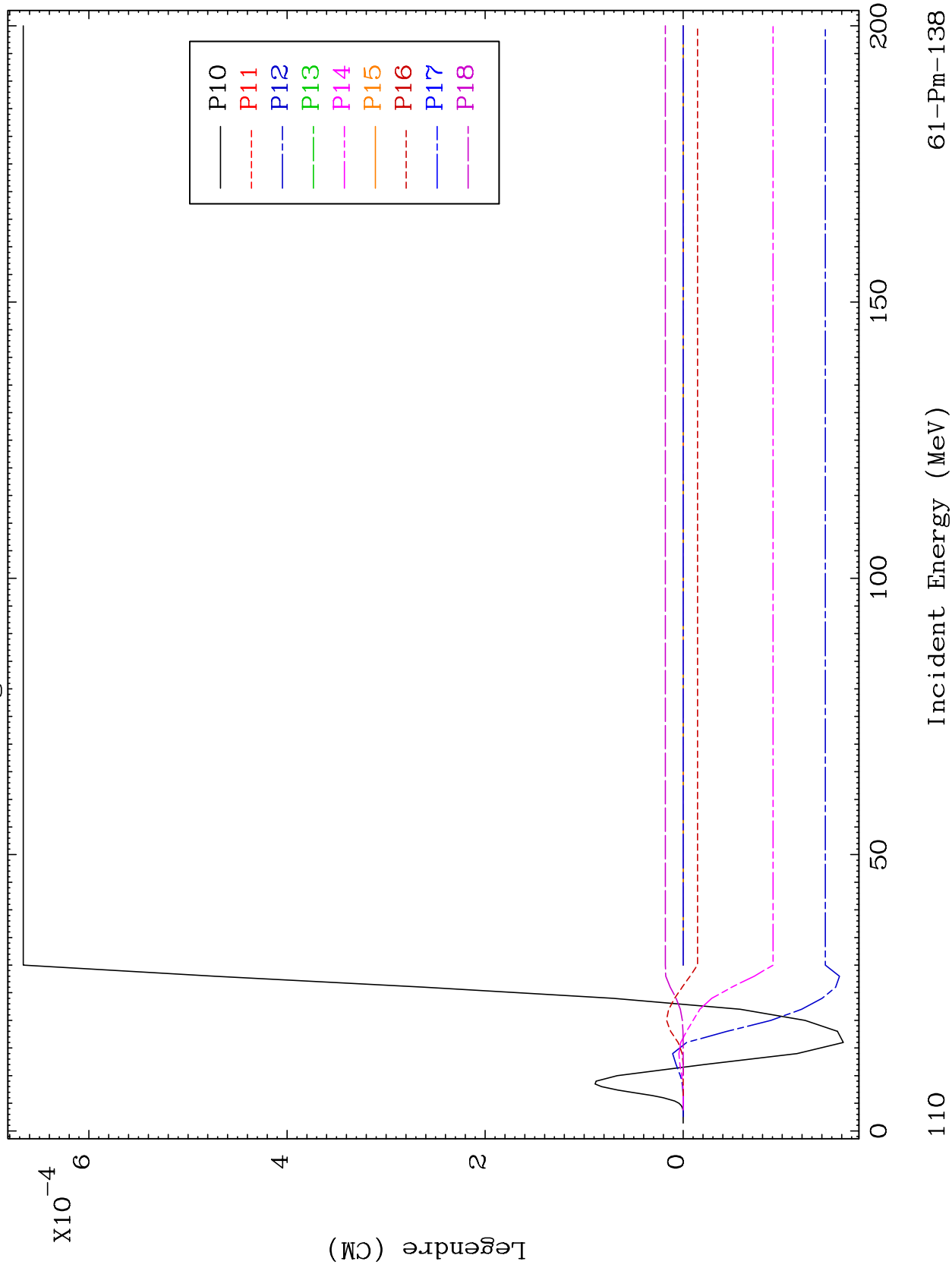




MAT 6122

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

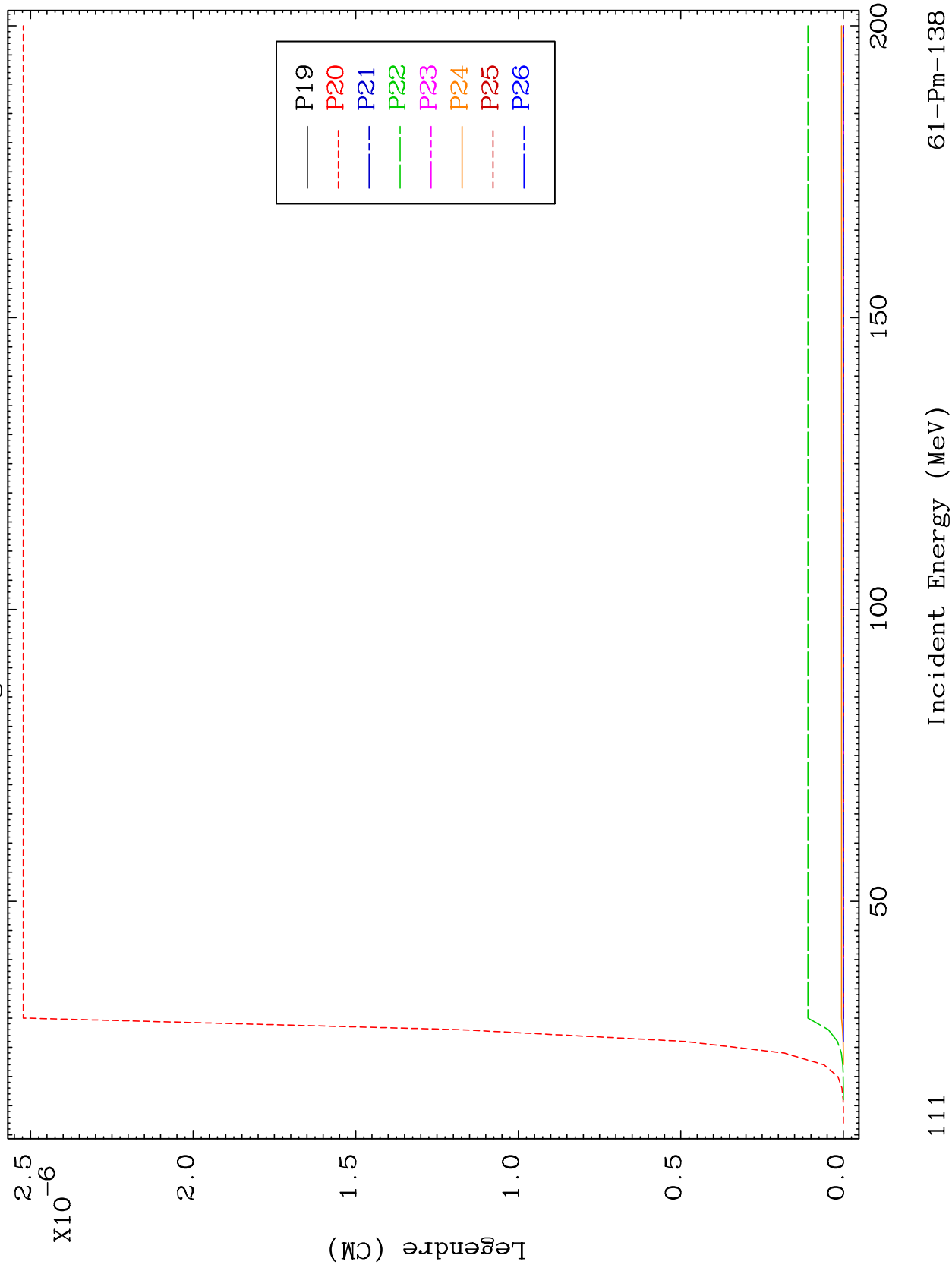
61-Pm-138



MAT 6122

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

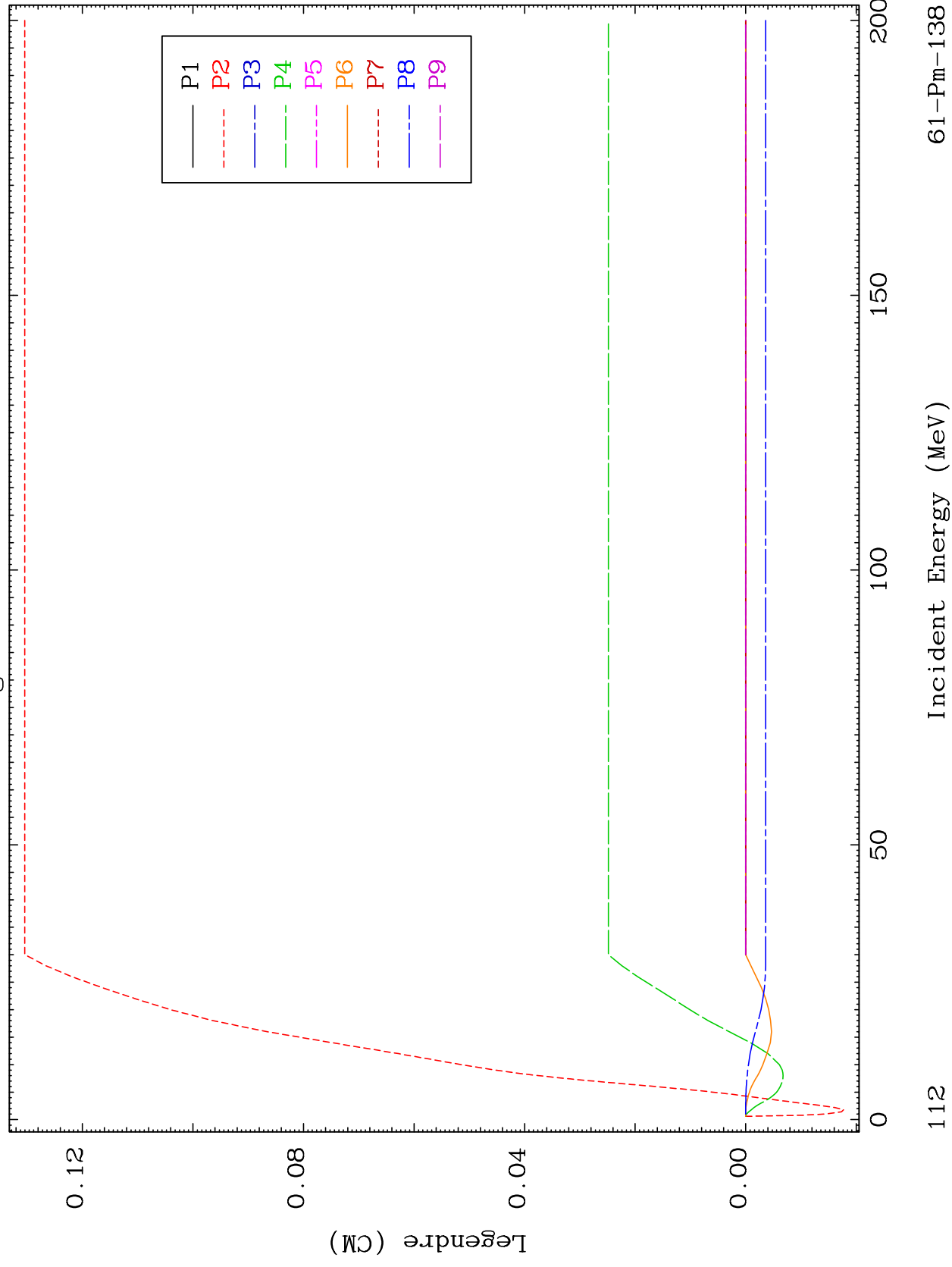
61-Pm-138

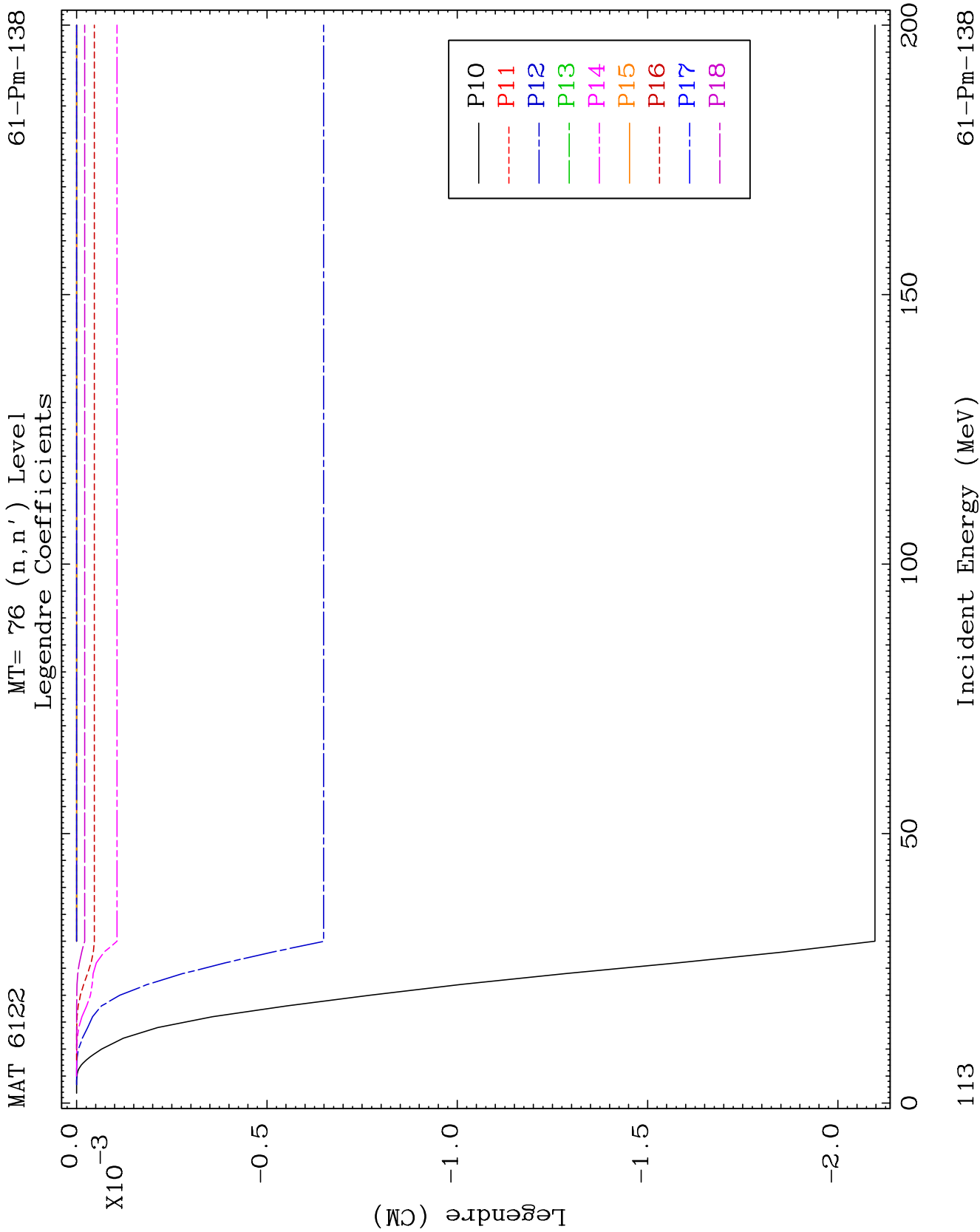


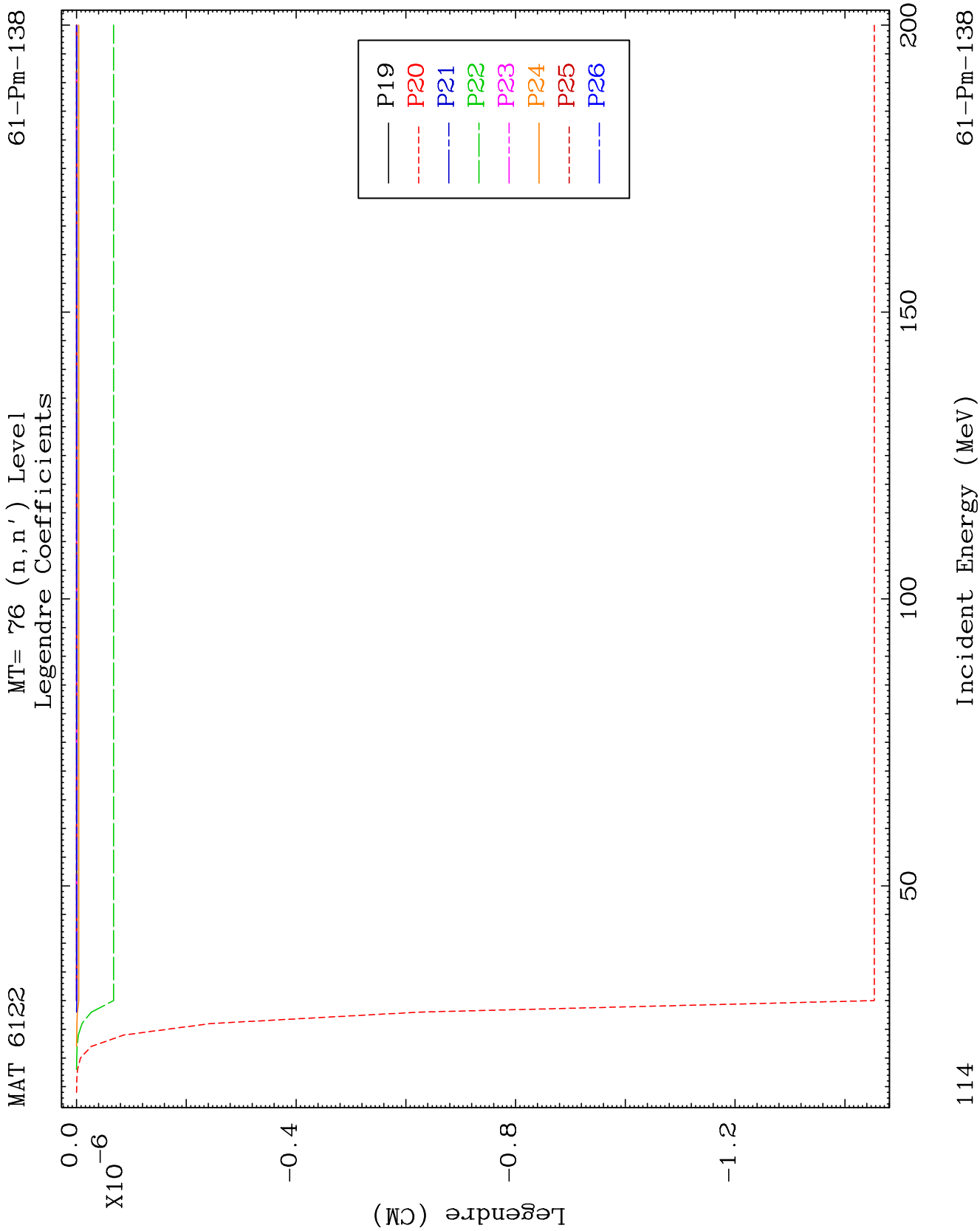
MAT 6122

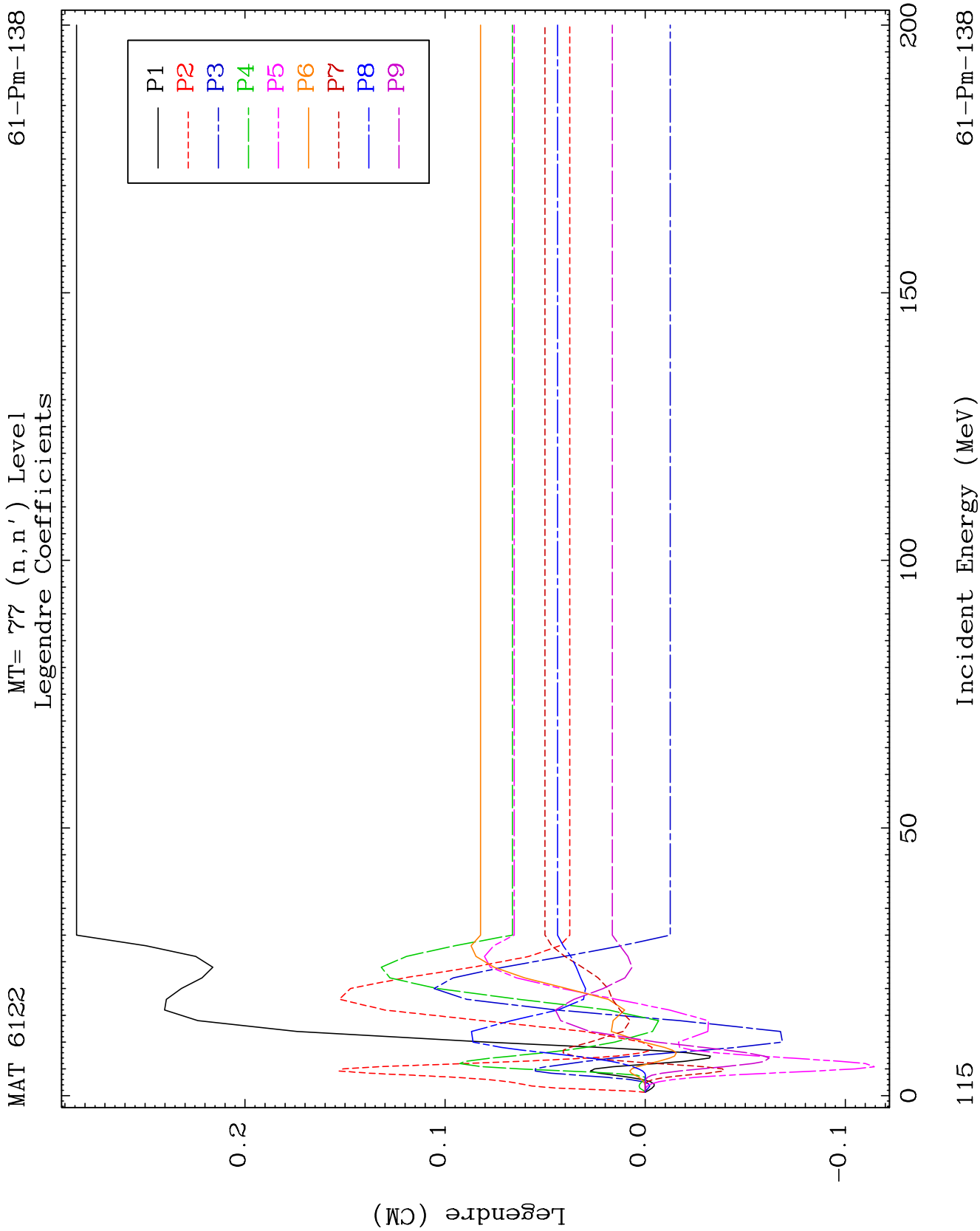
MT= 76 (n, n') Level
Legendre Coefficients

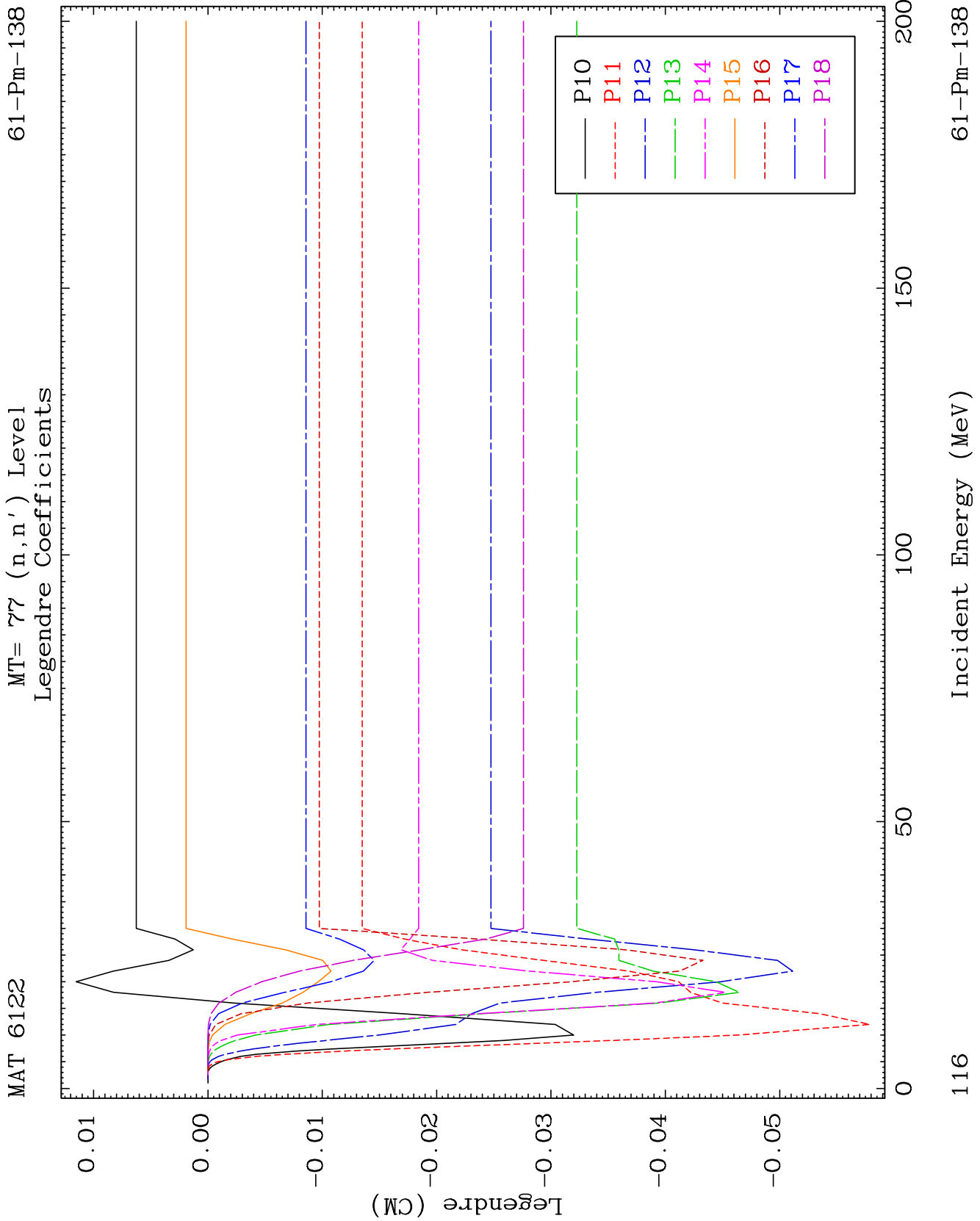
61-Pm-138

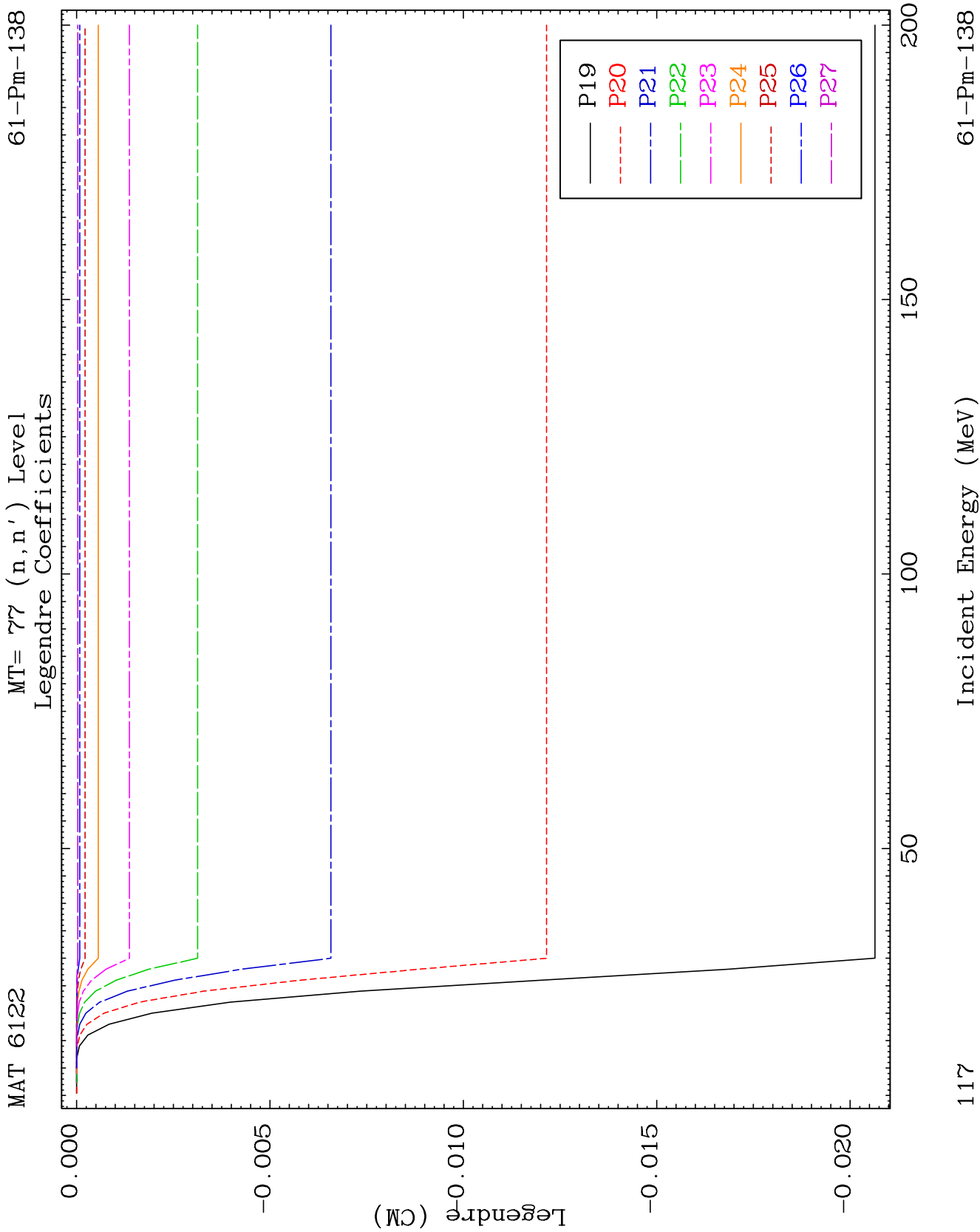


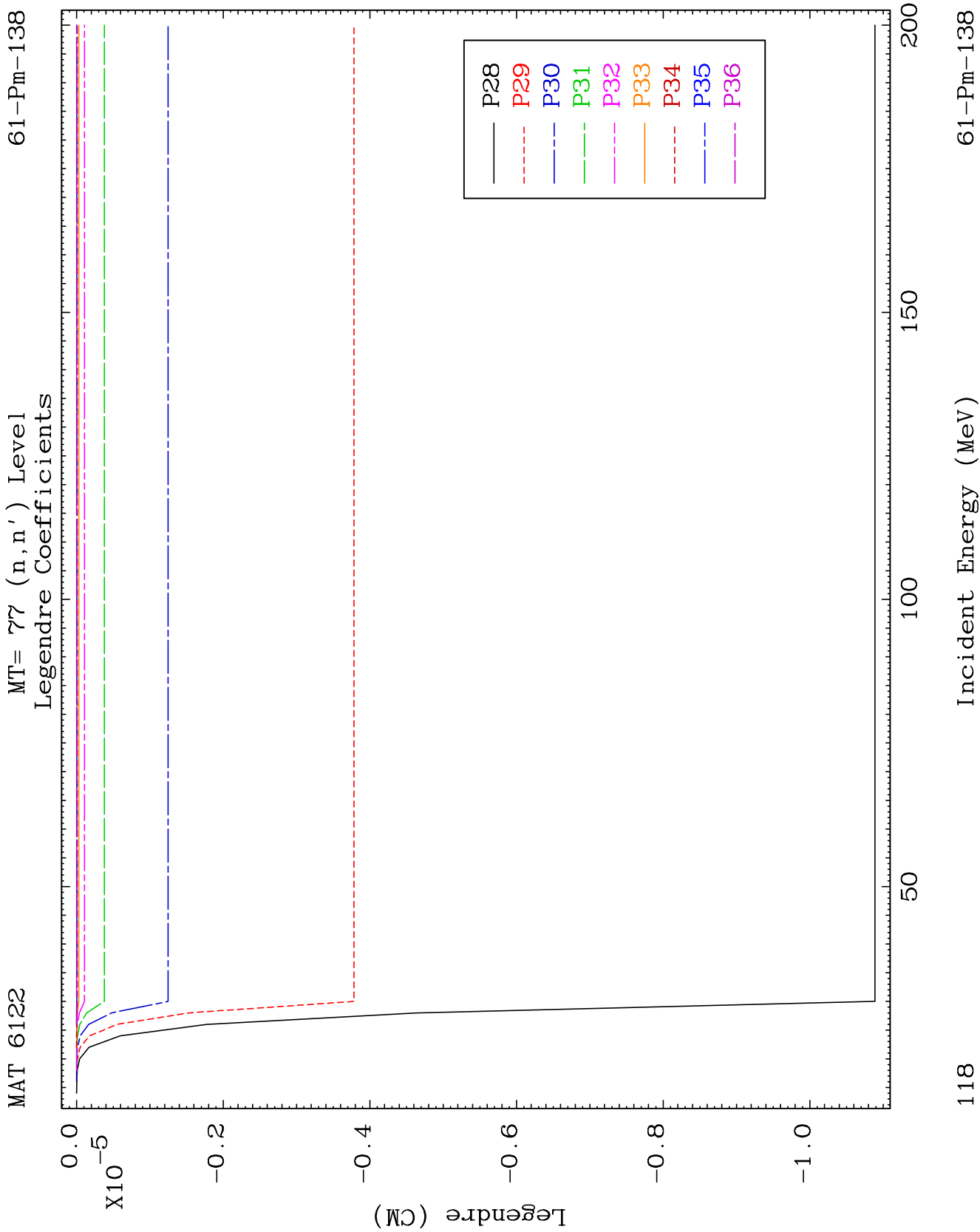


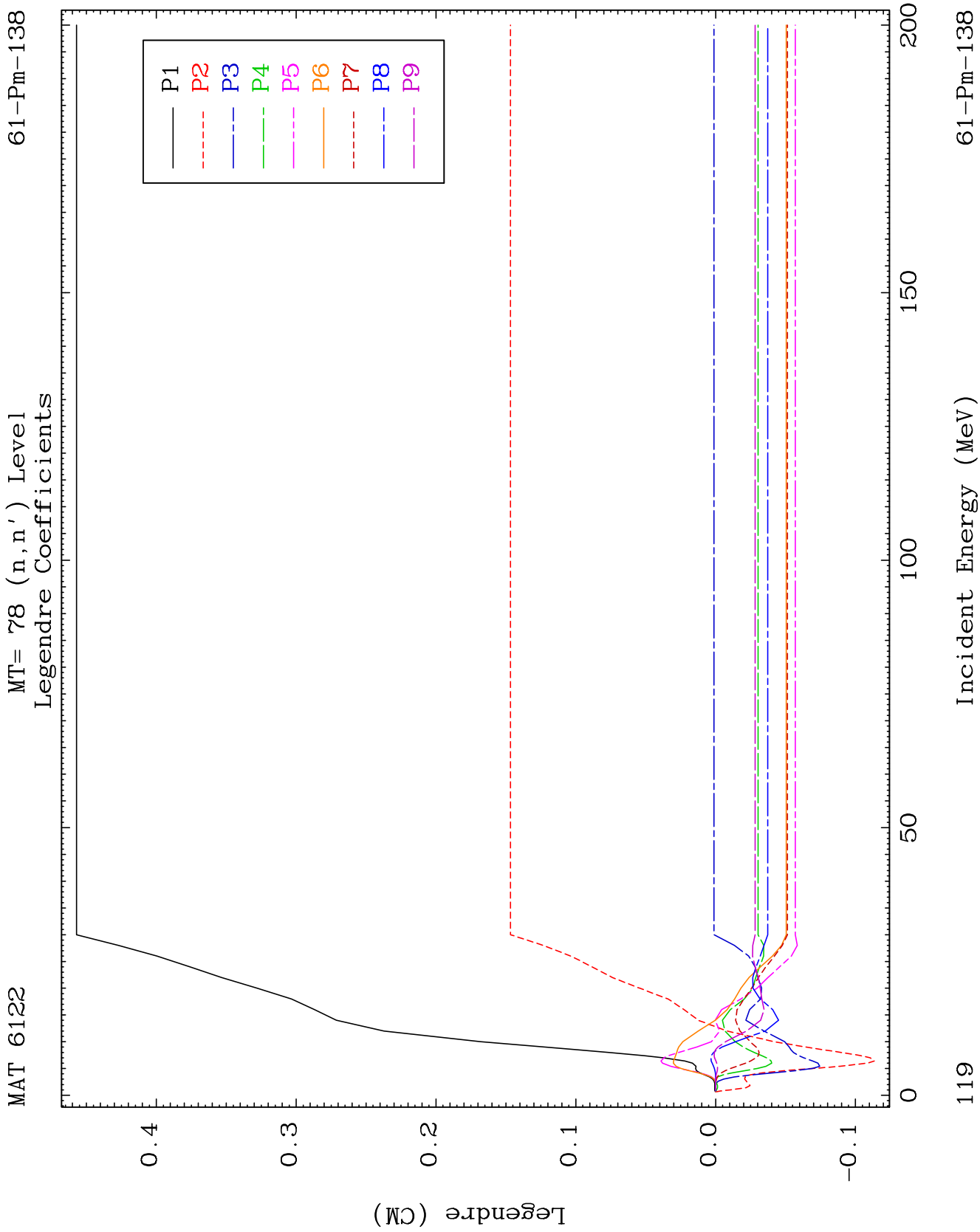








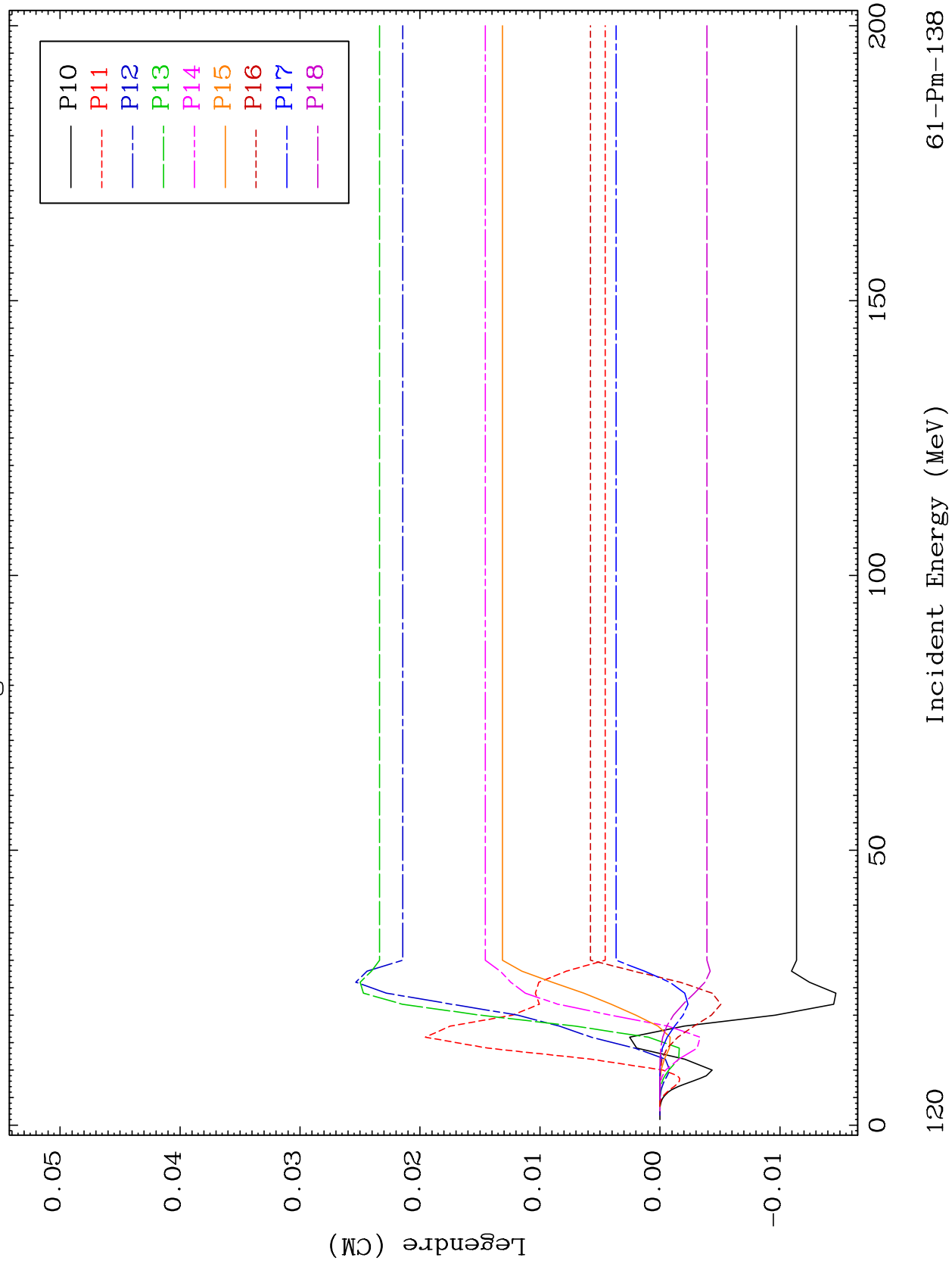




MAT 6122

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

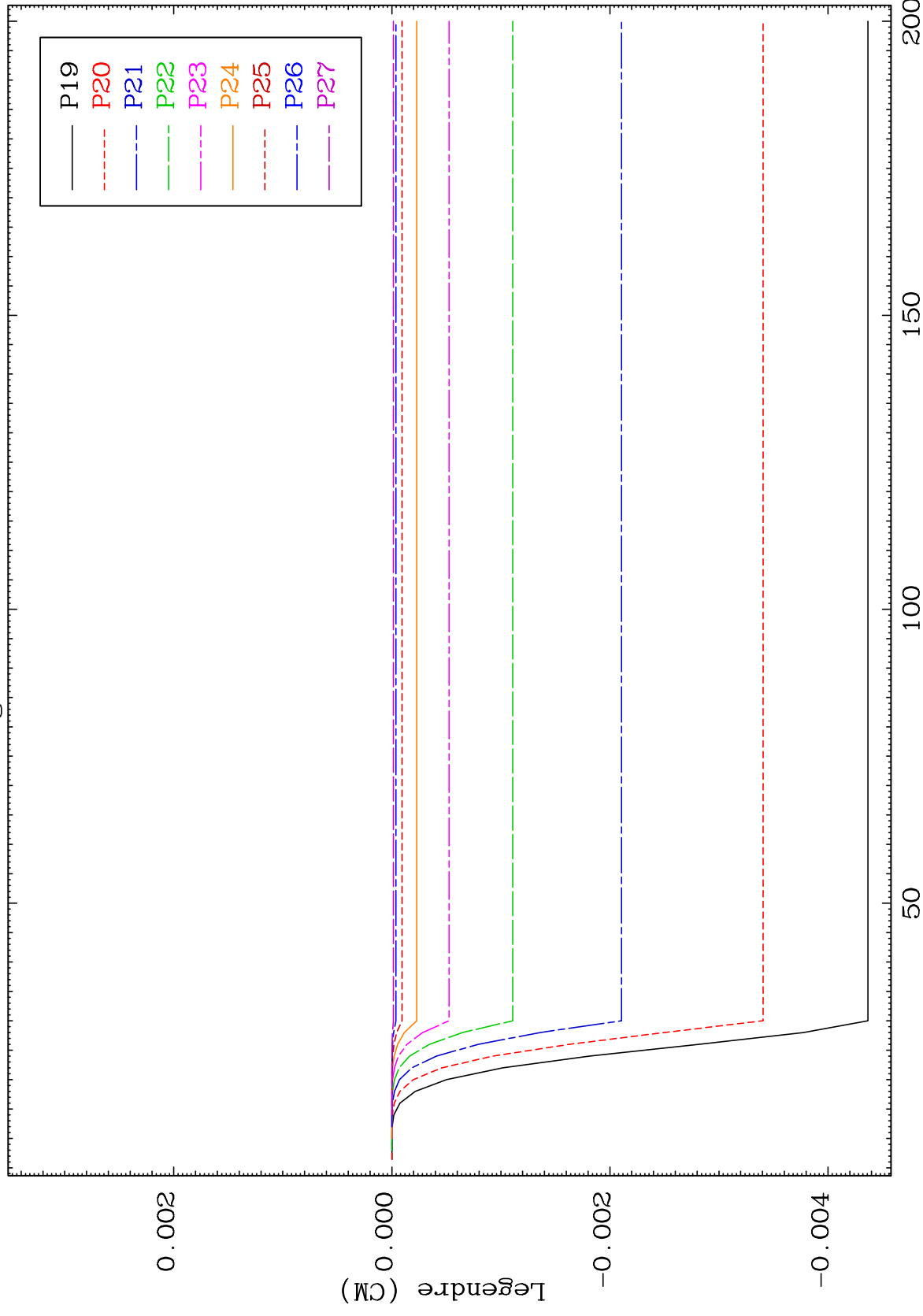
61-Pm-138



MAT 6122

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

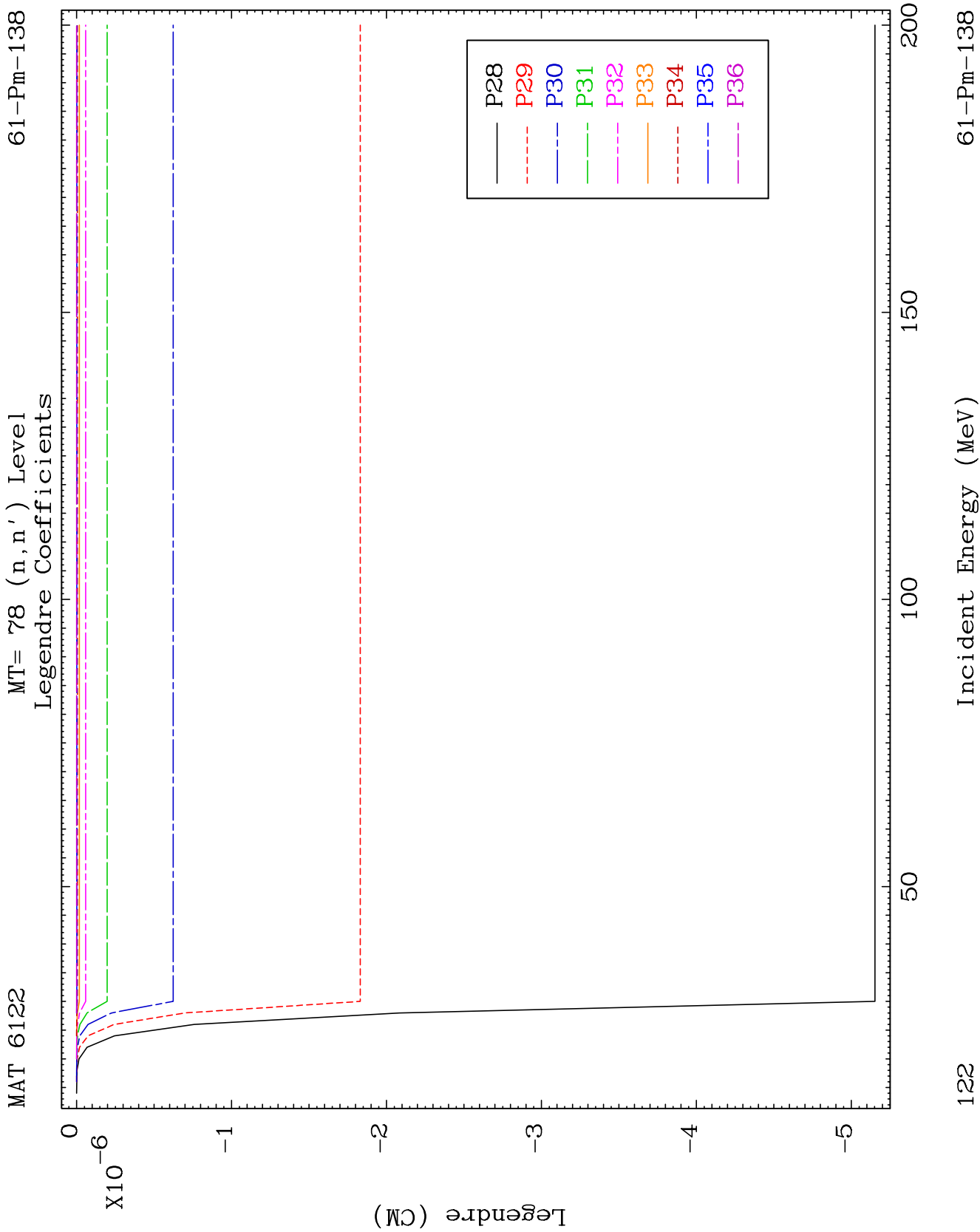
61-Pm-138



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Incident Energy (MeV)

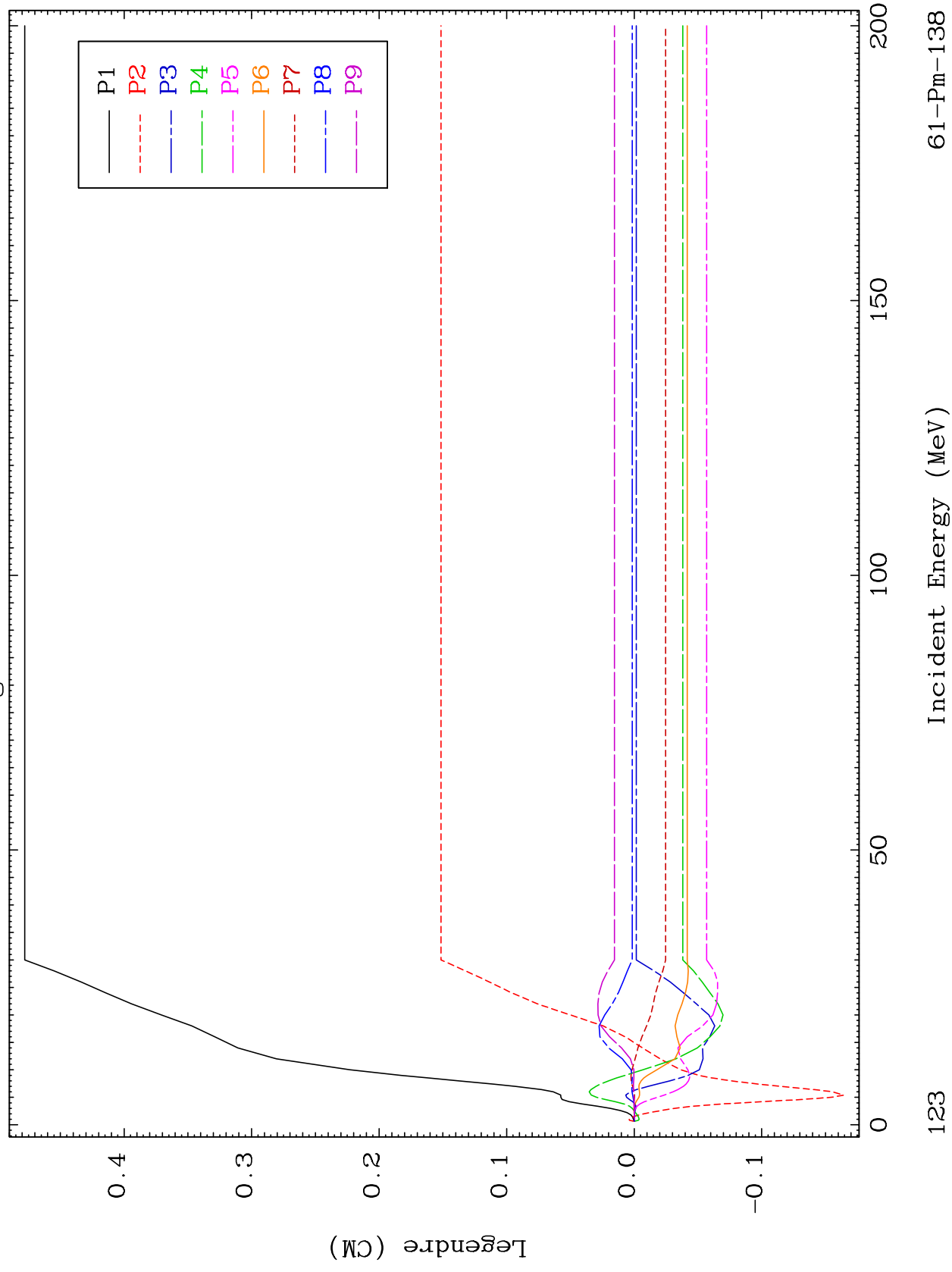
61-Pm-138

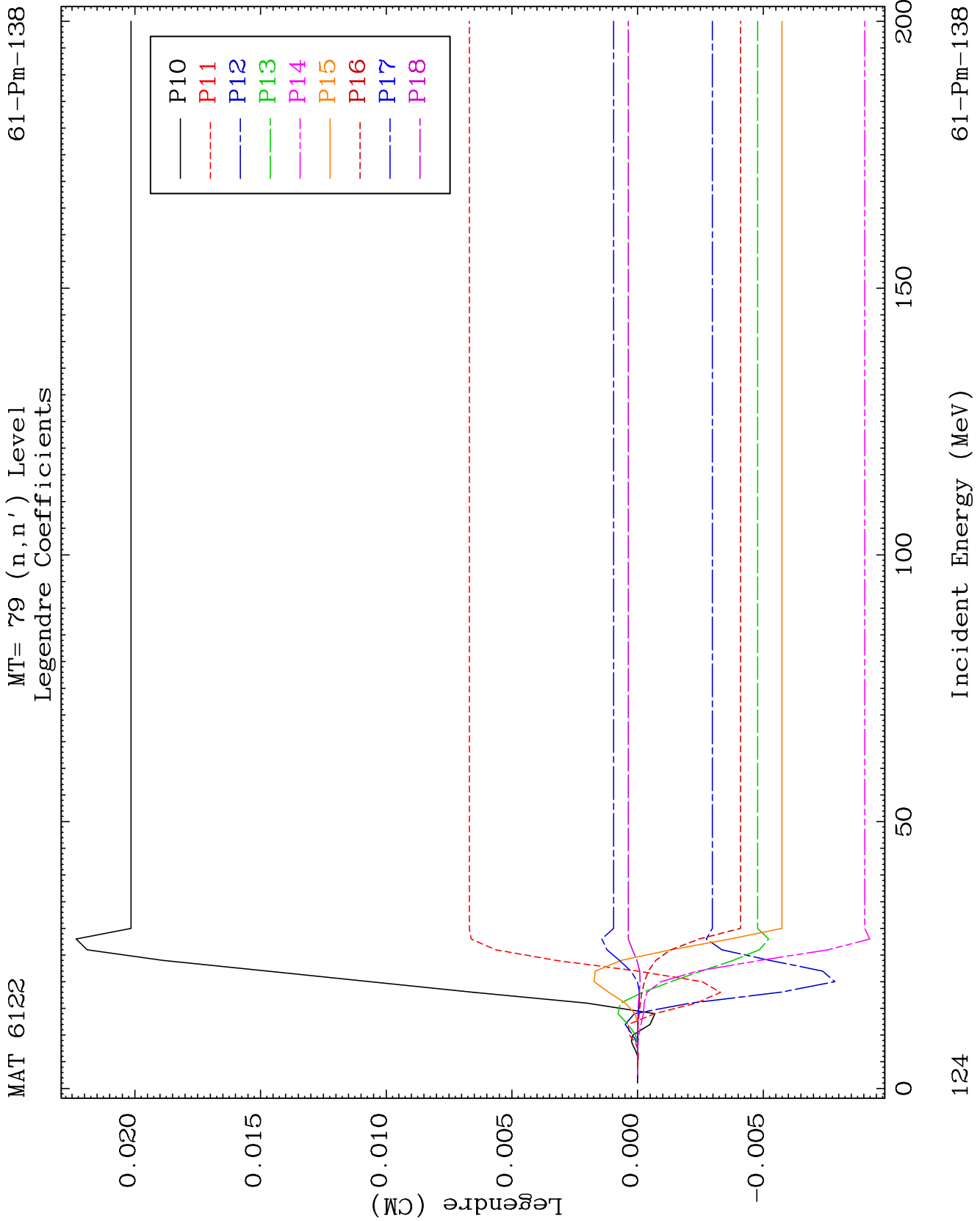


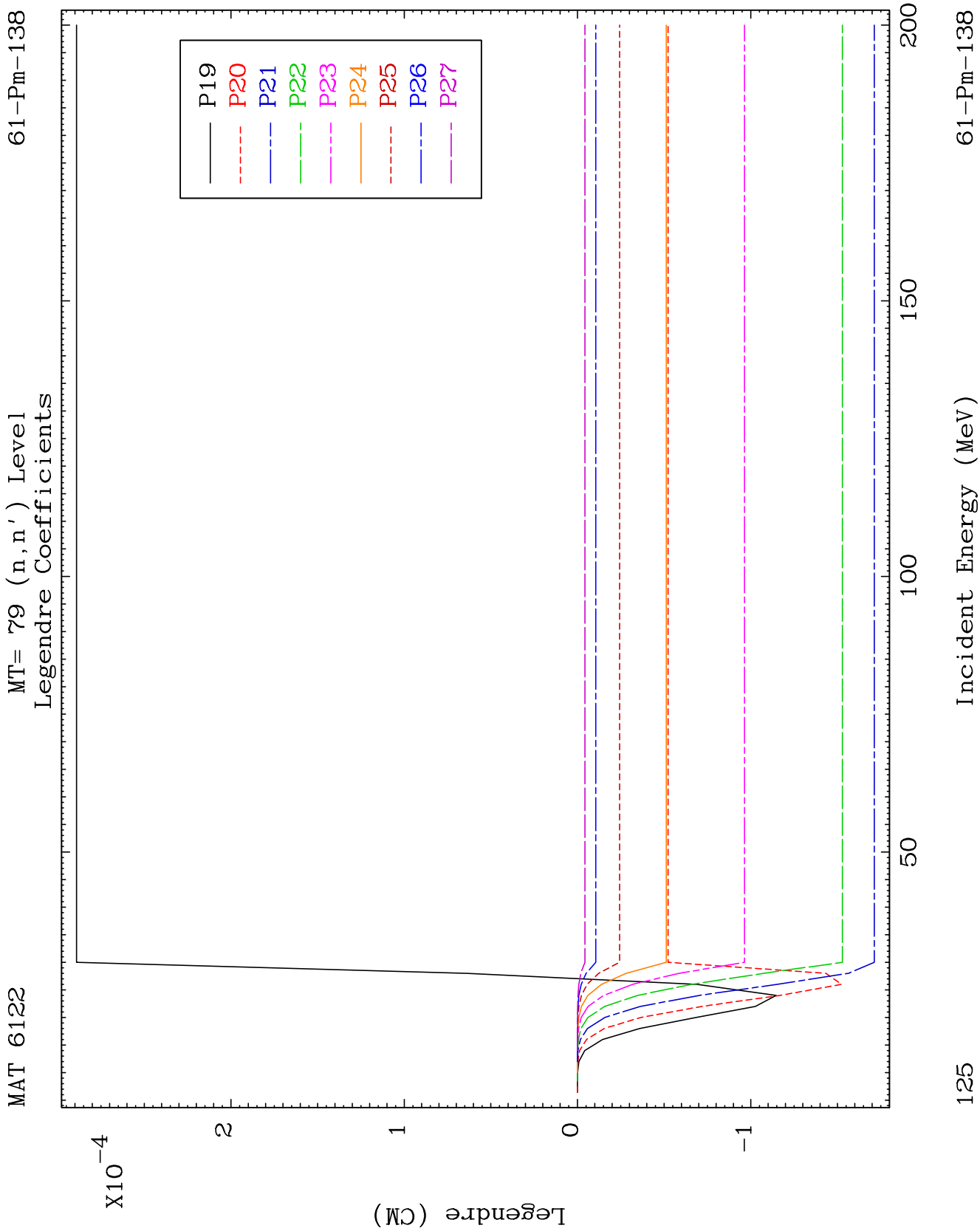
MAT 6122

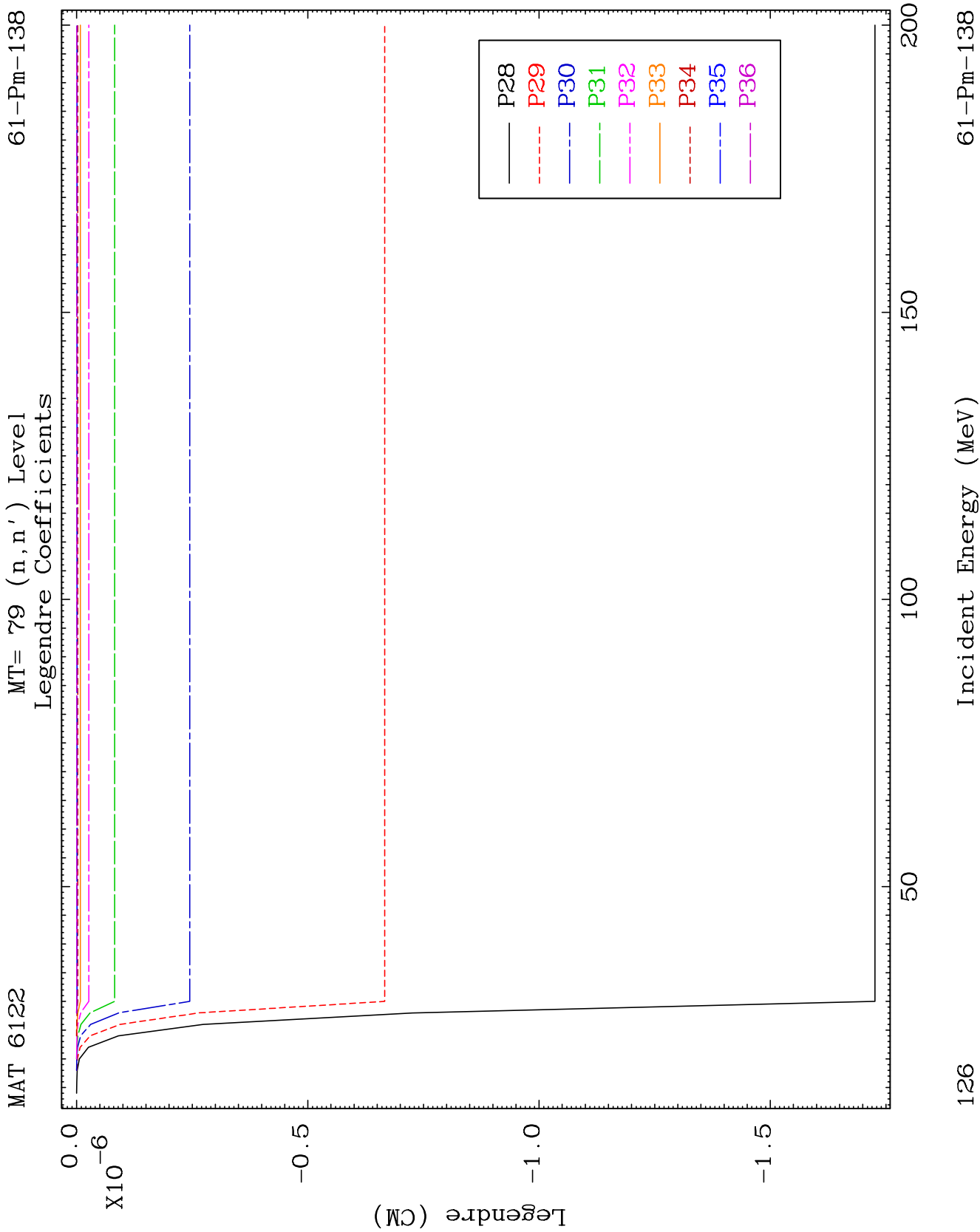
MT= 79 (n, n') Level
Legendre Coefficients

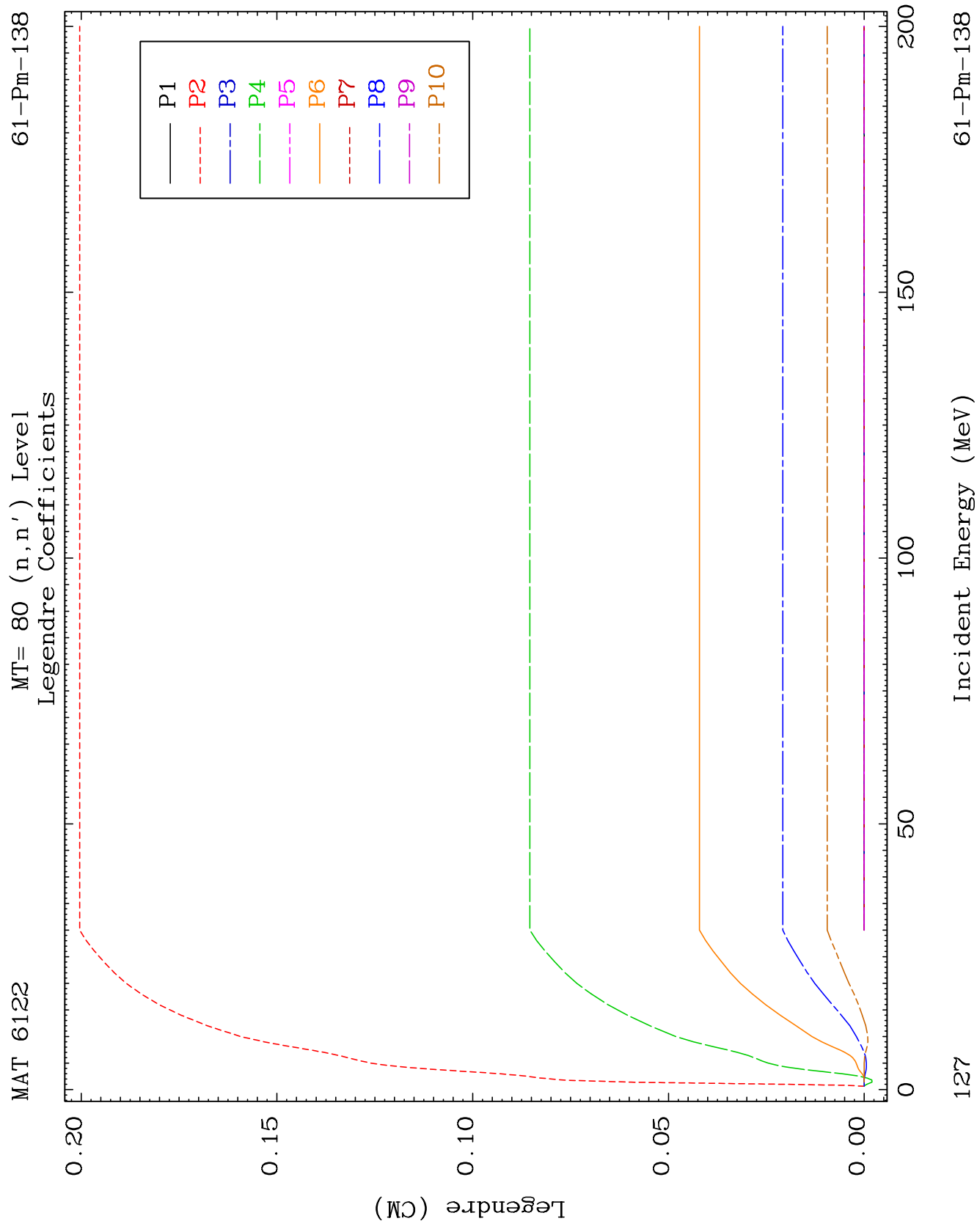
61-Pm-138

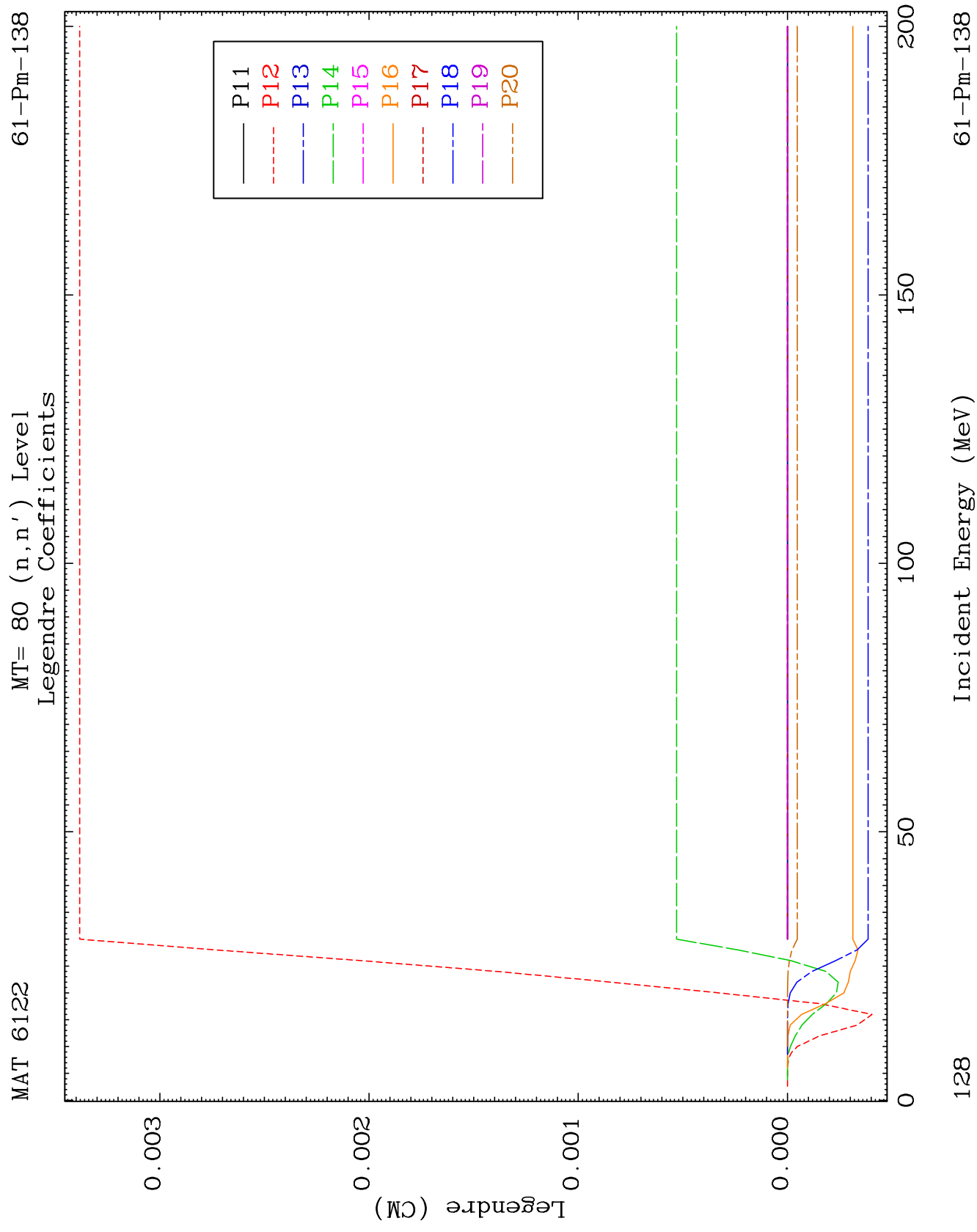


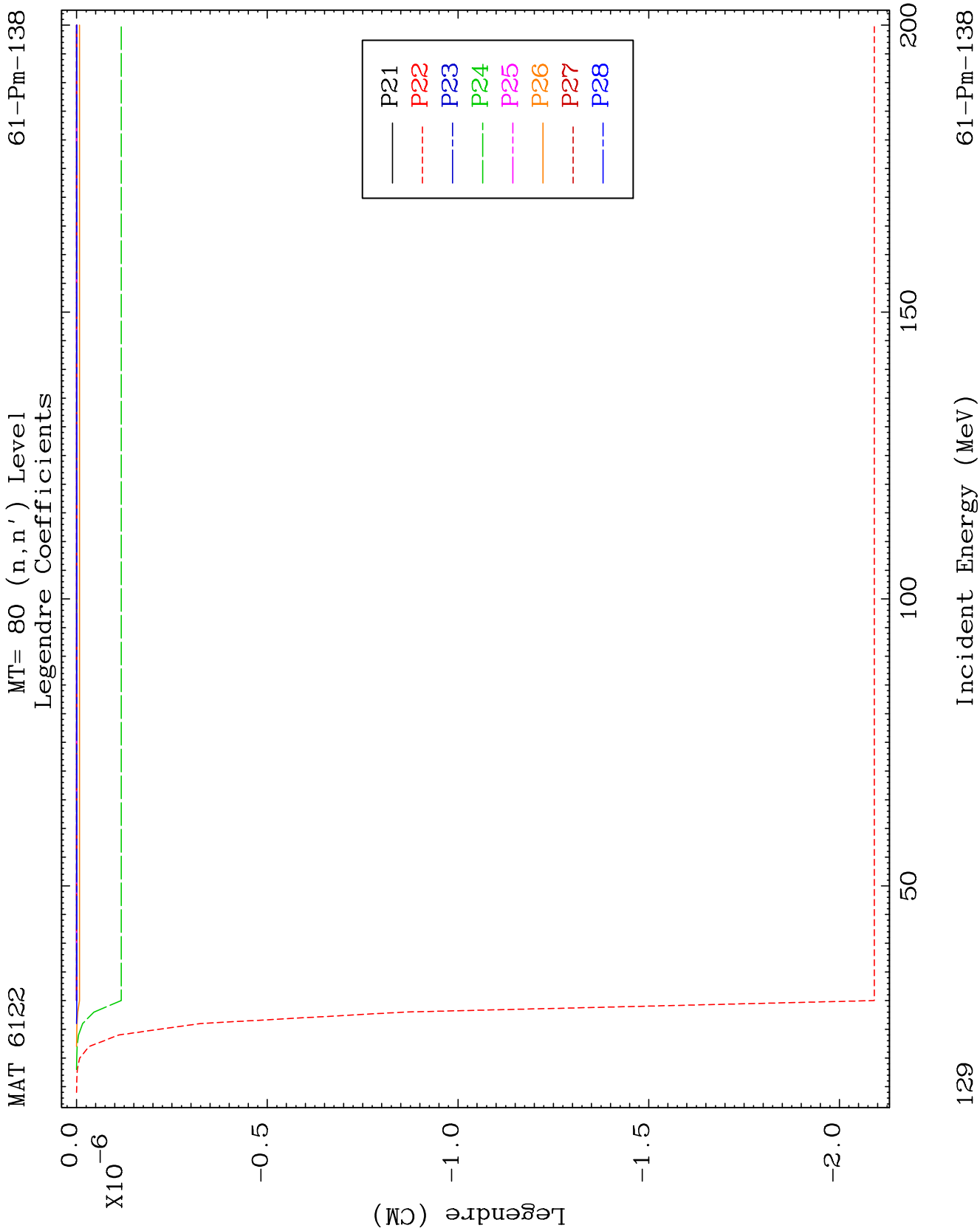


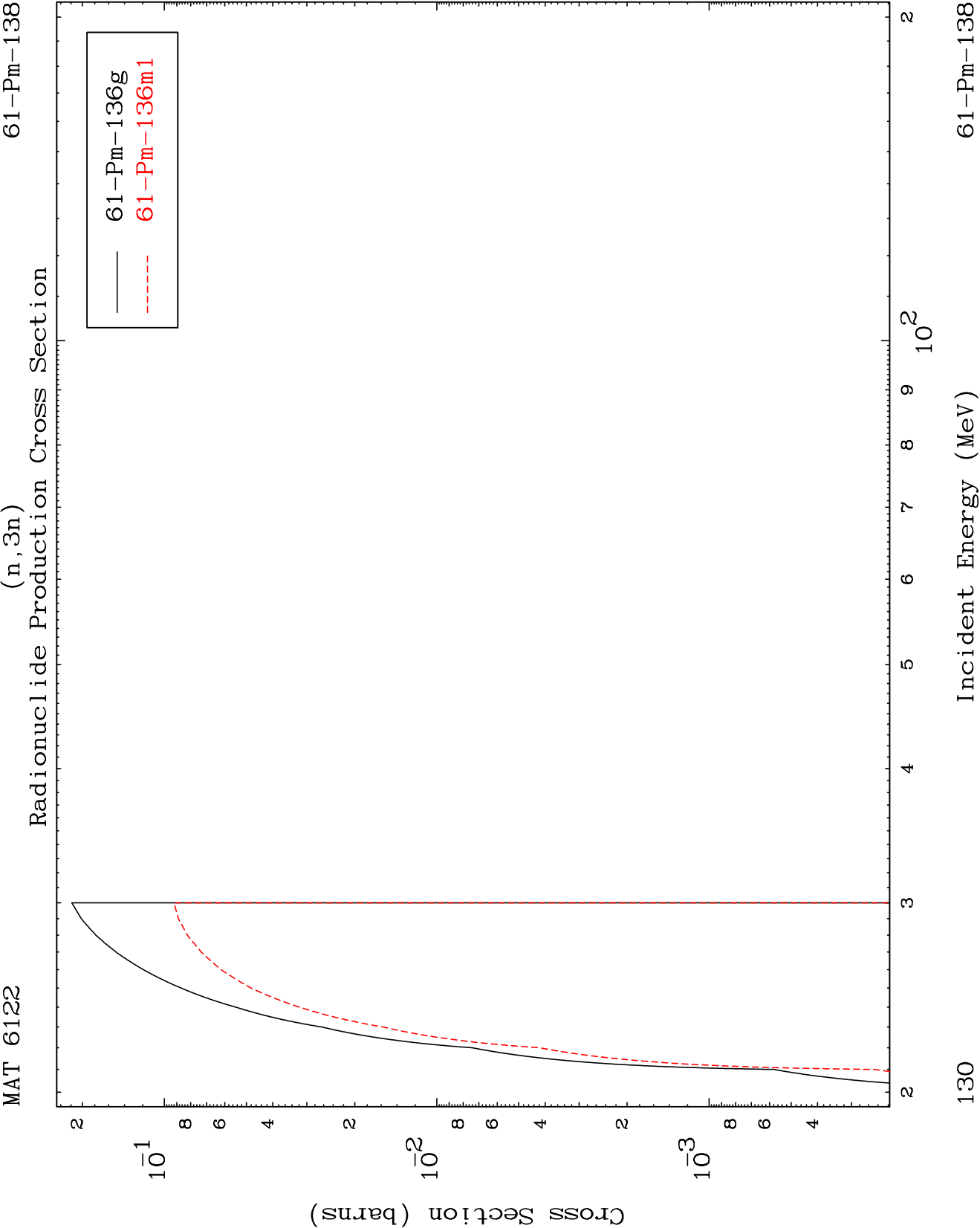


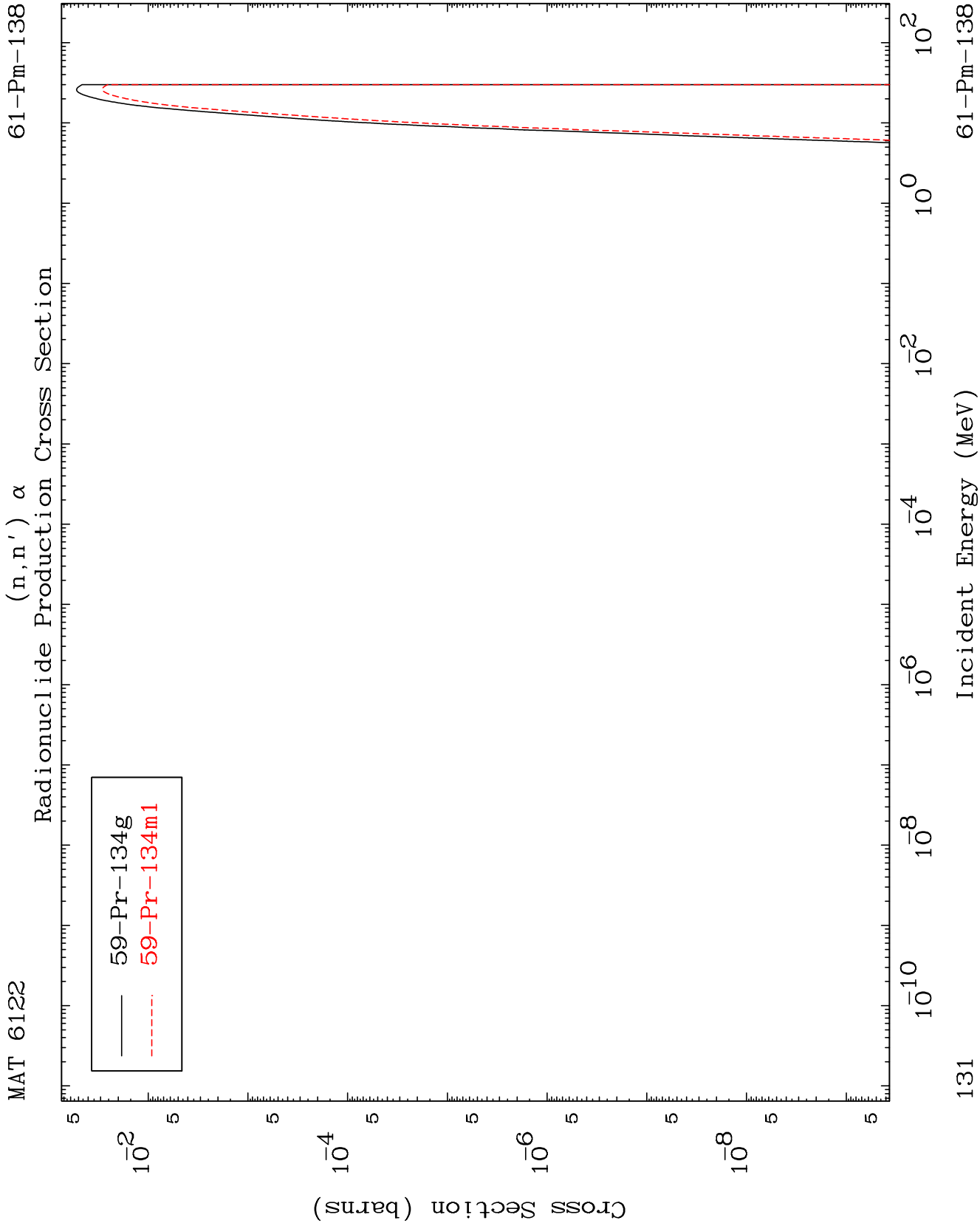








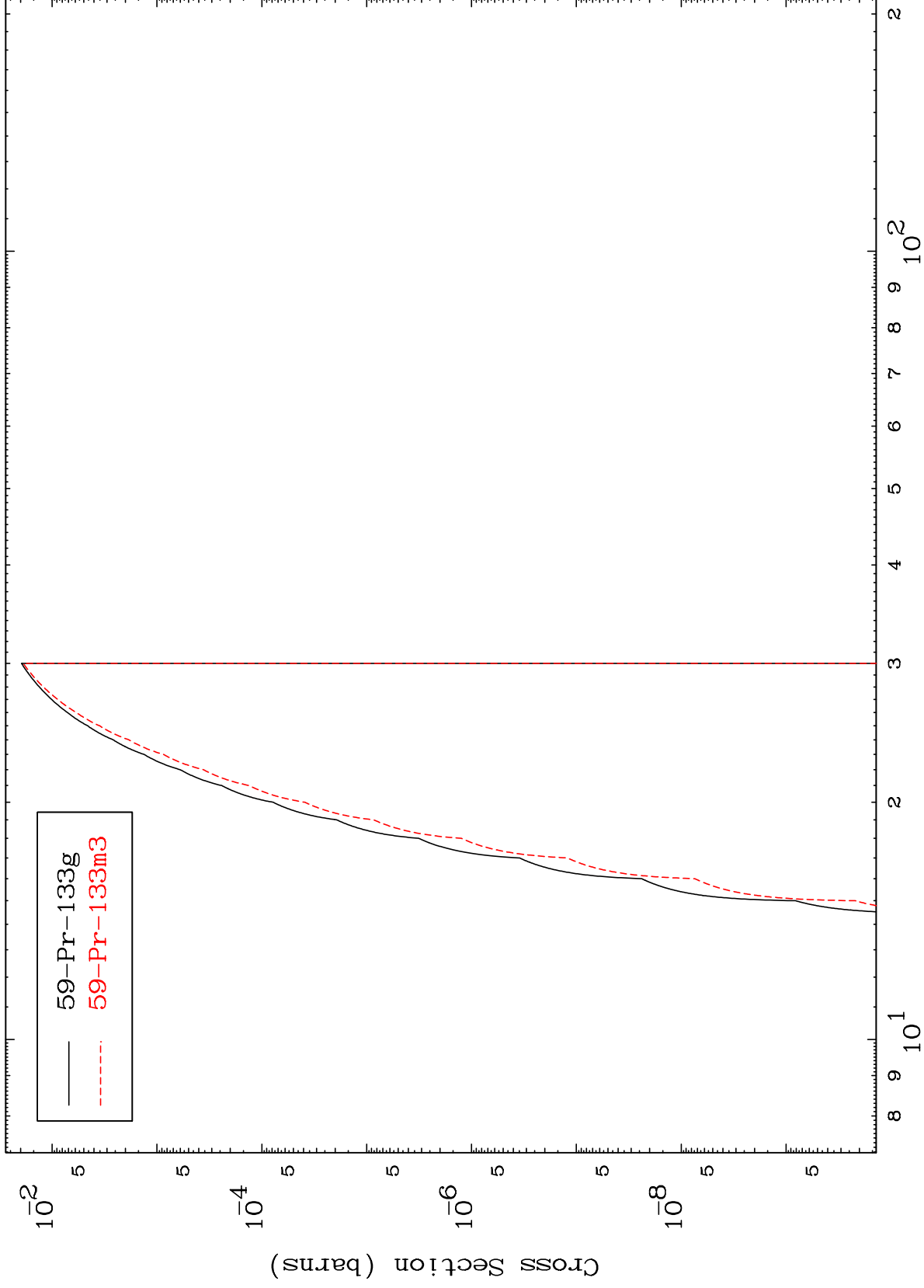




MAT 6122

61-Pm-138

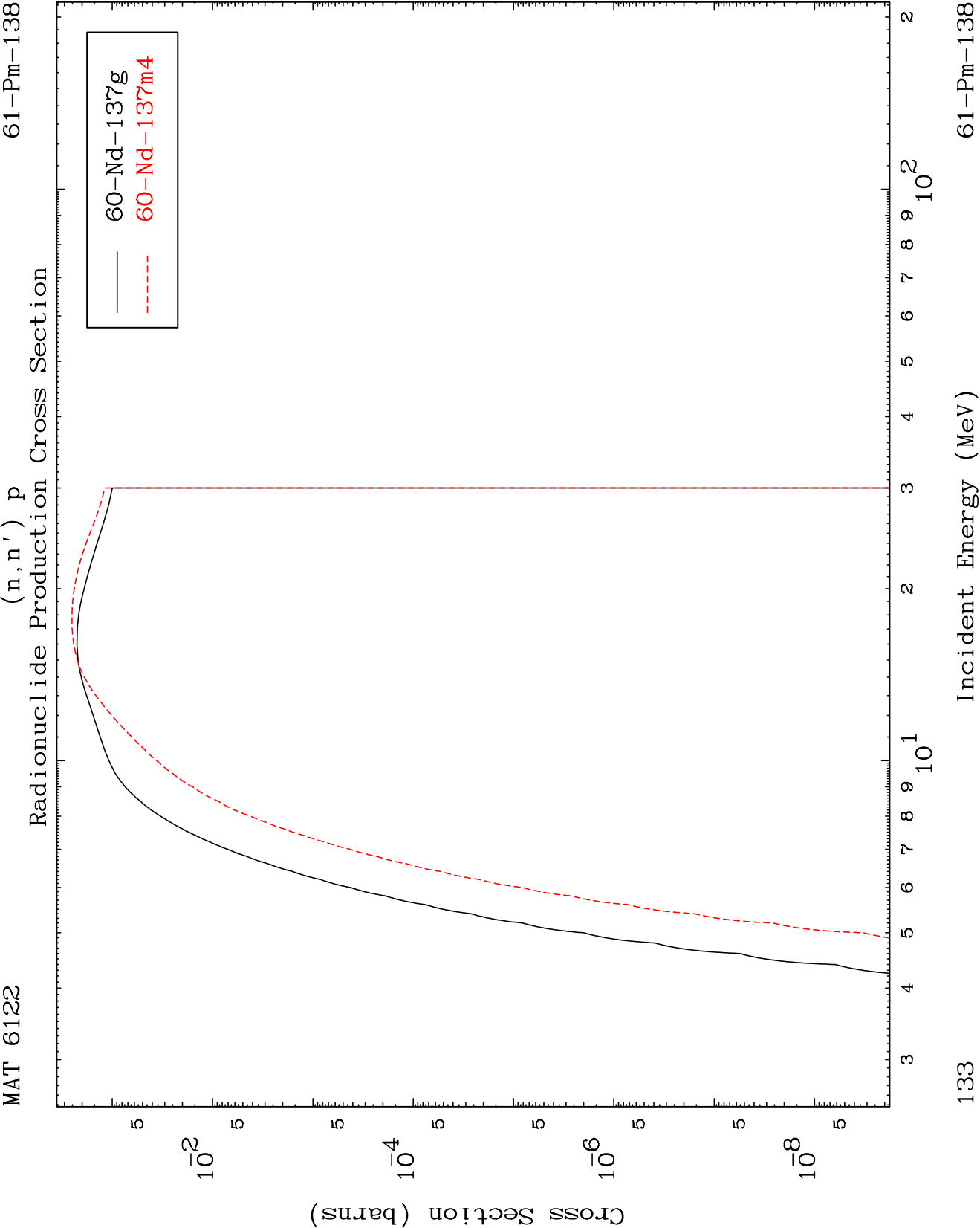
(n,2n) α
Radionuclide Production Cross Section

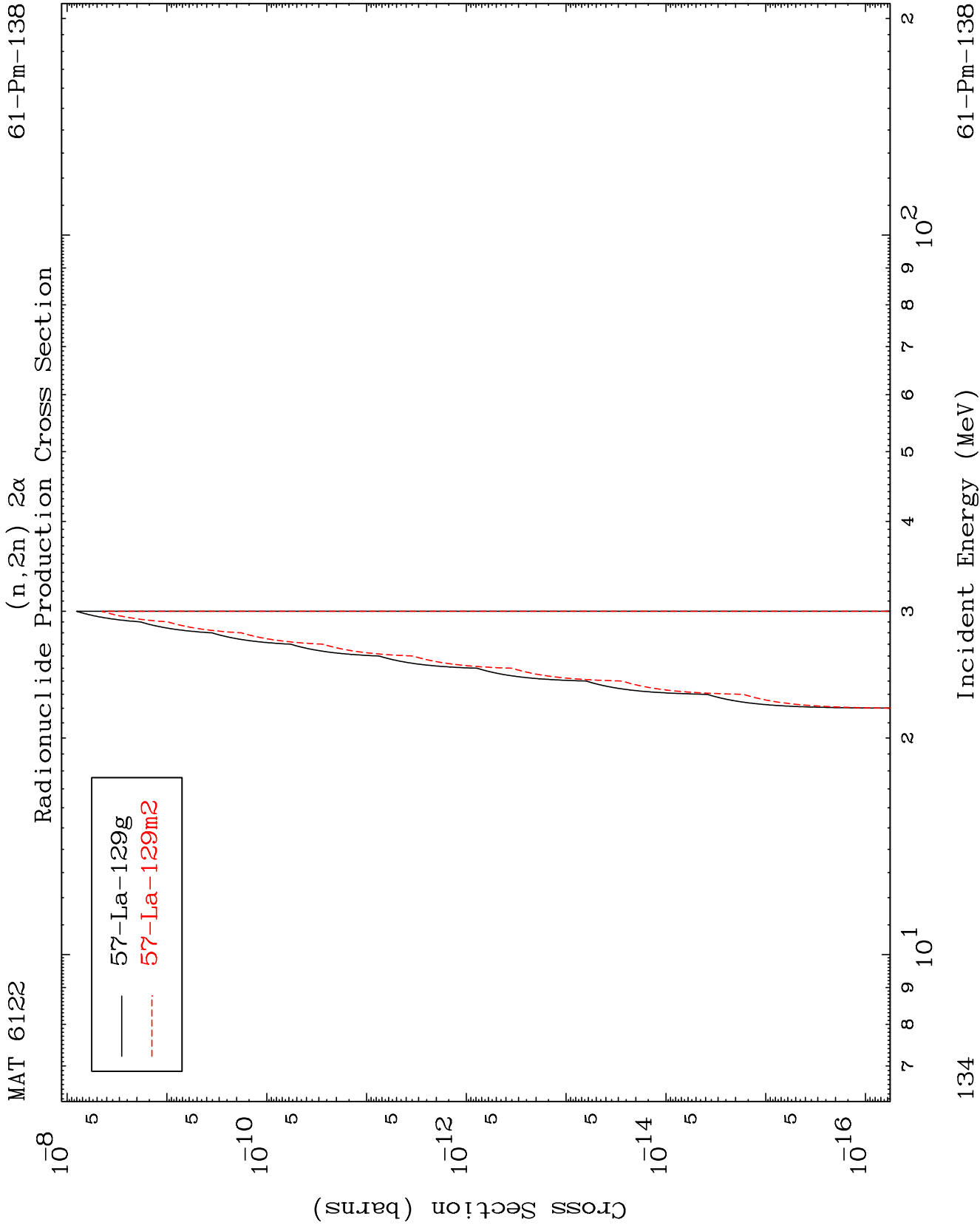


Incident Energy (MeV)

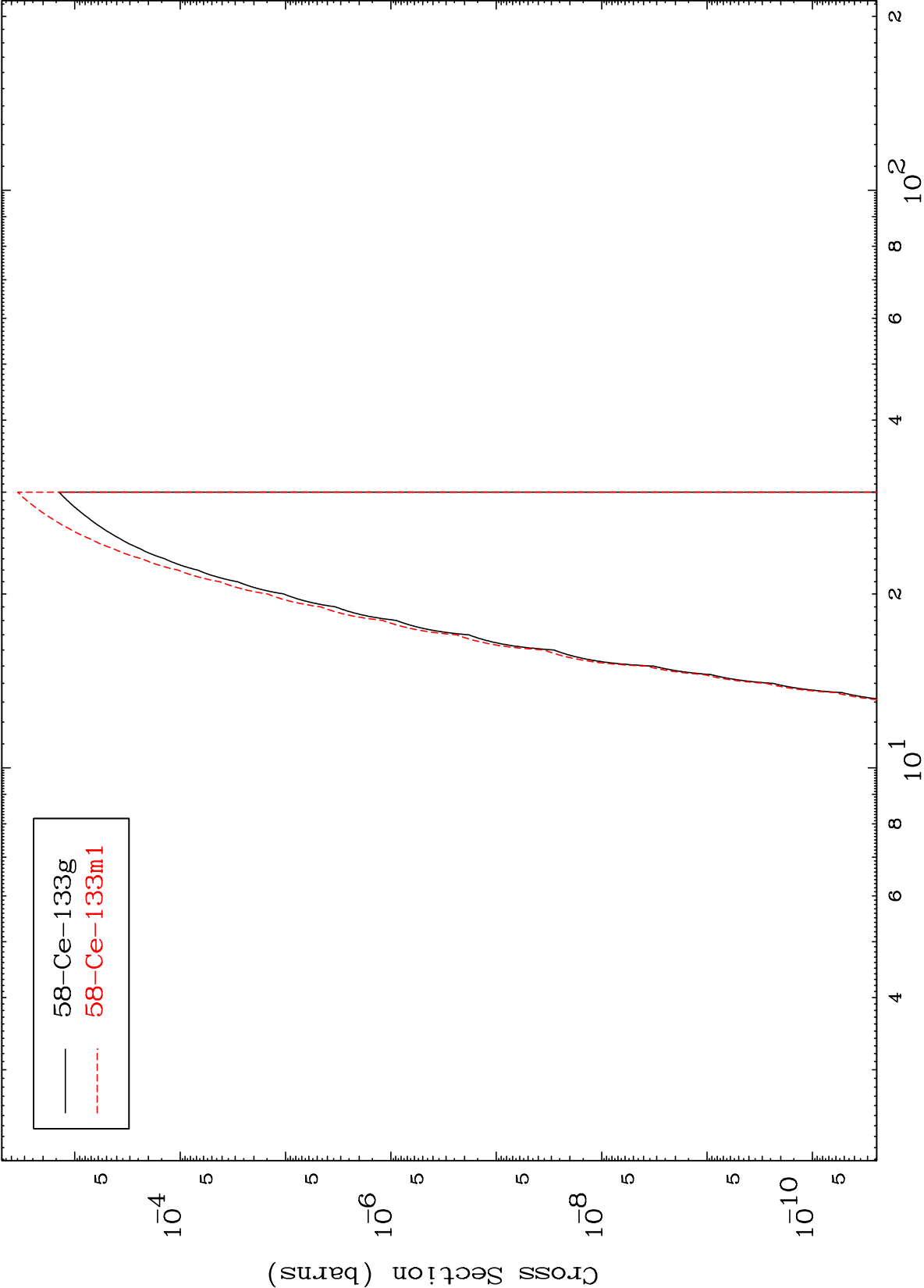
61-Pm-138

132

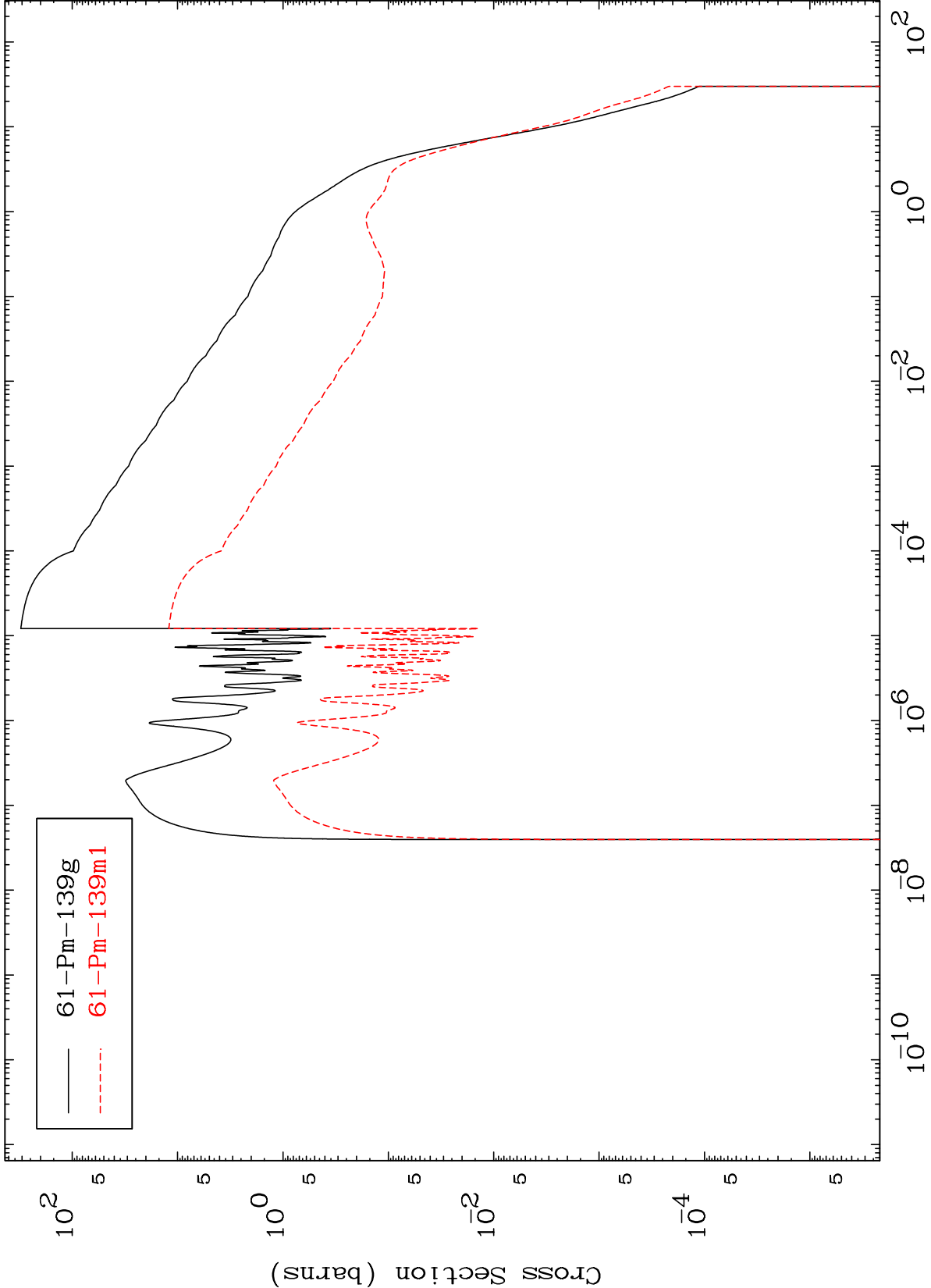




(n,n') p α
Radionuclide Production Cross Section



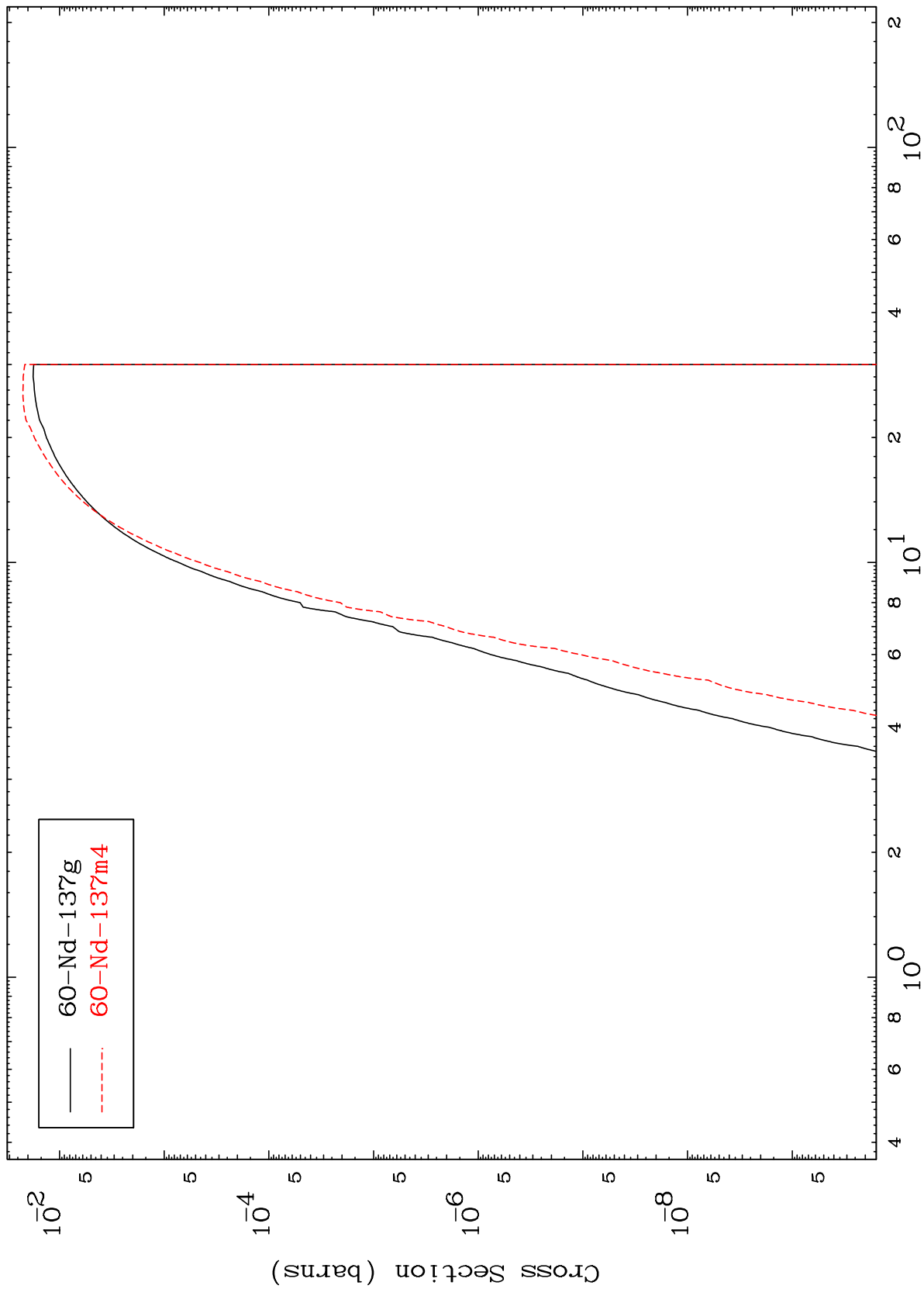
Radionuclide Production Cross Section



MAT 6122

61-Pm-138

(n,d)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

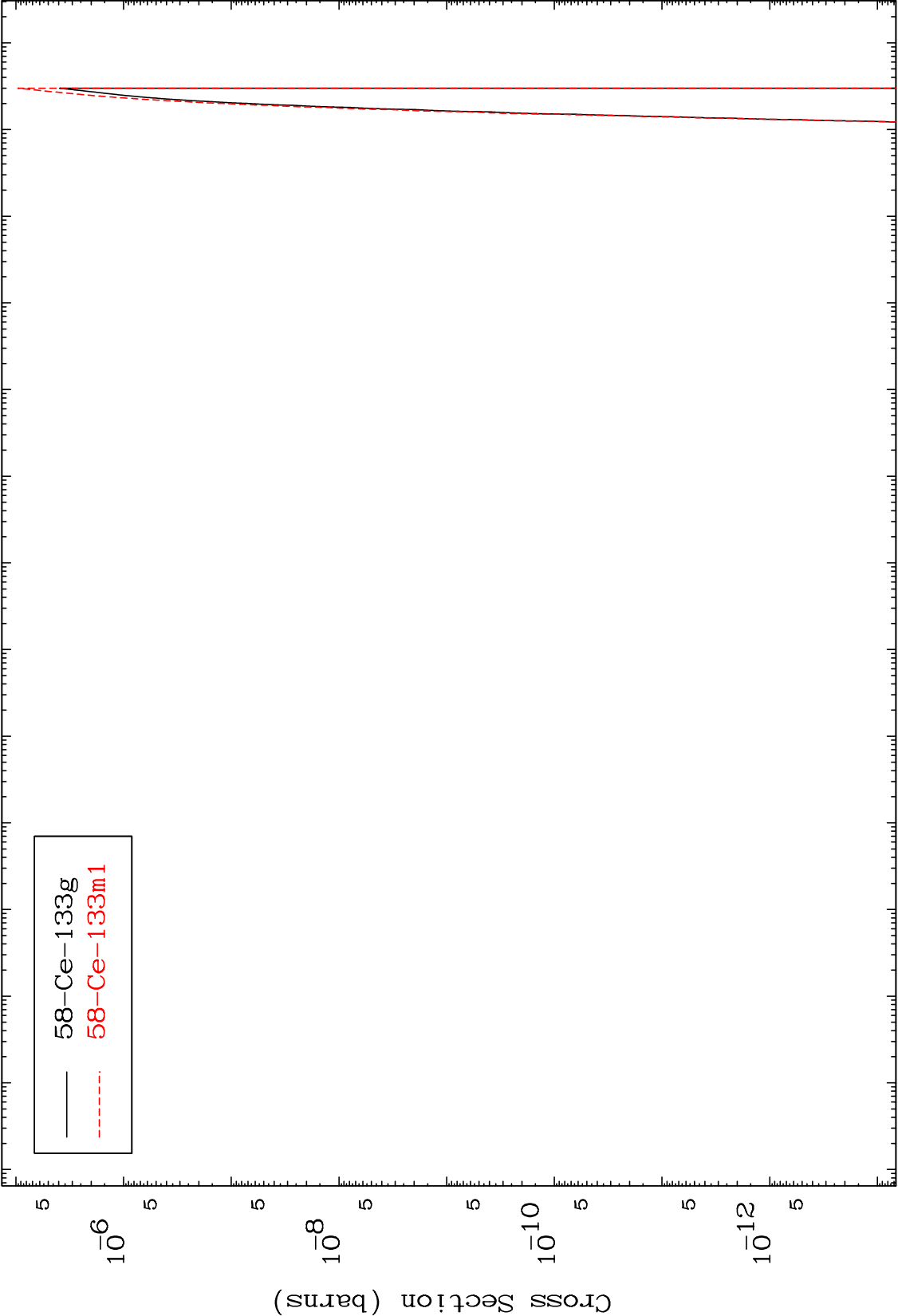
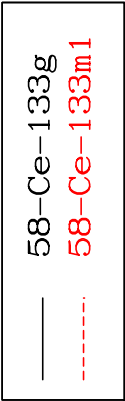
61-Pm-138

MAT 6122

(n,d) α

61-Pm-138

Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-138