

Program EVALPLOT
(Version 2021-1)

by

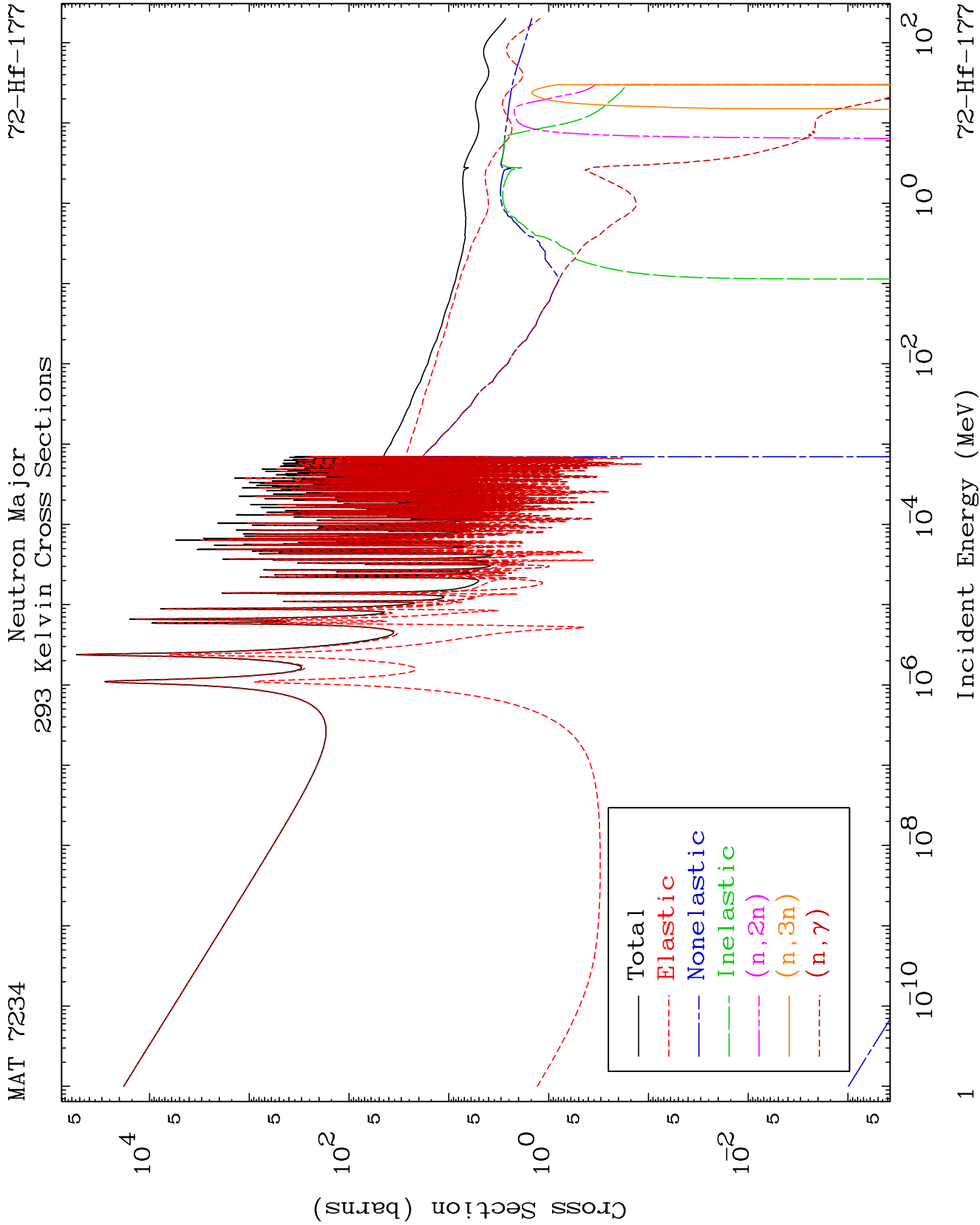
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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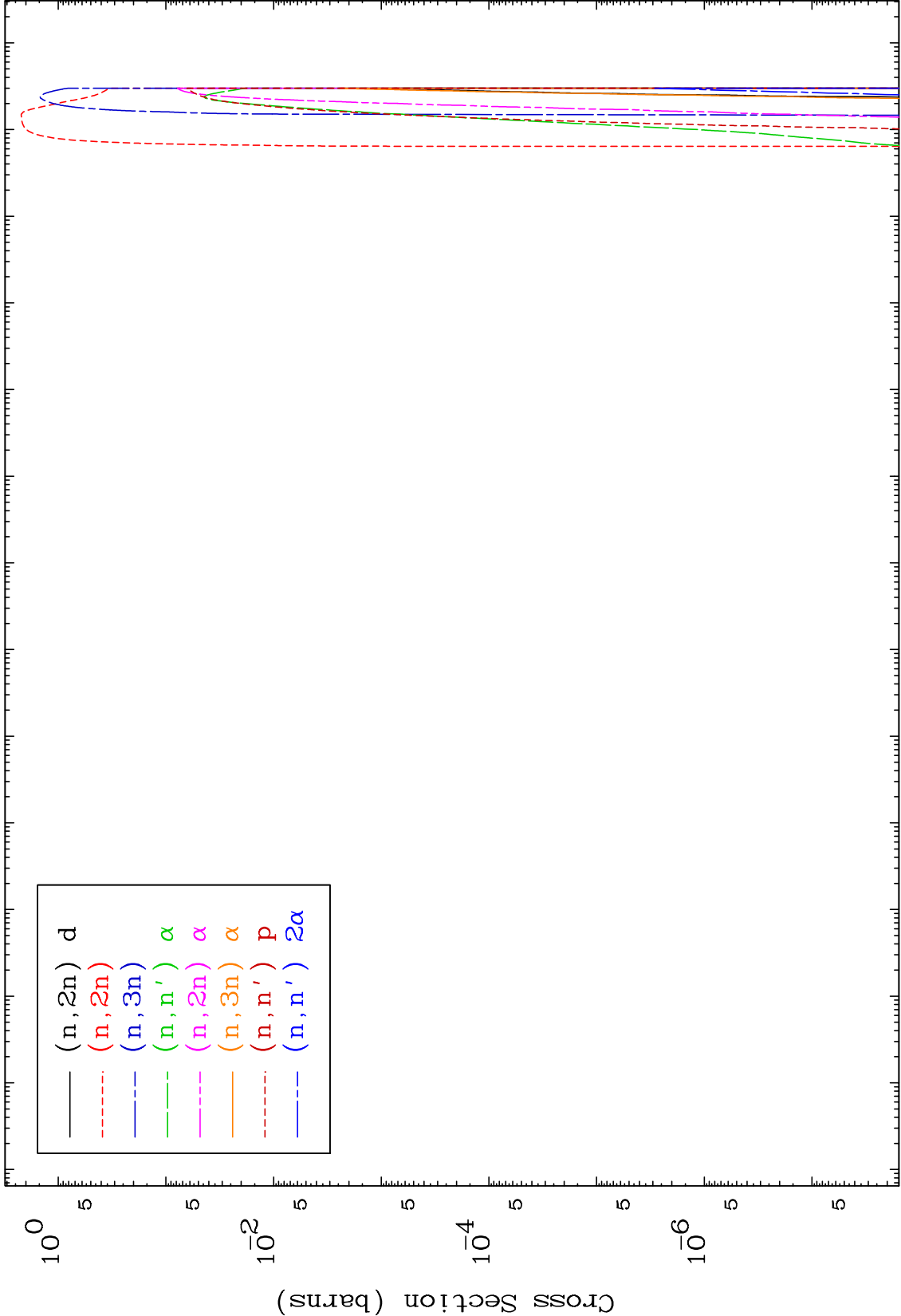
Press Mouse Button to Start

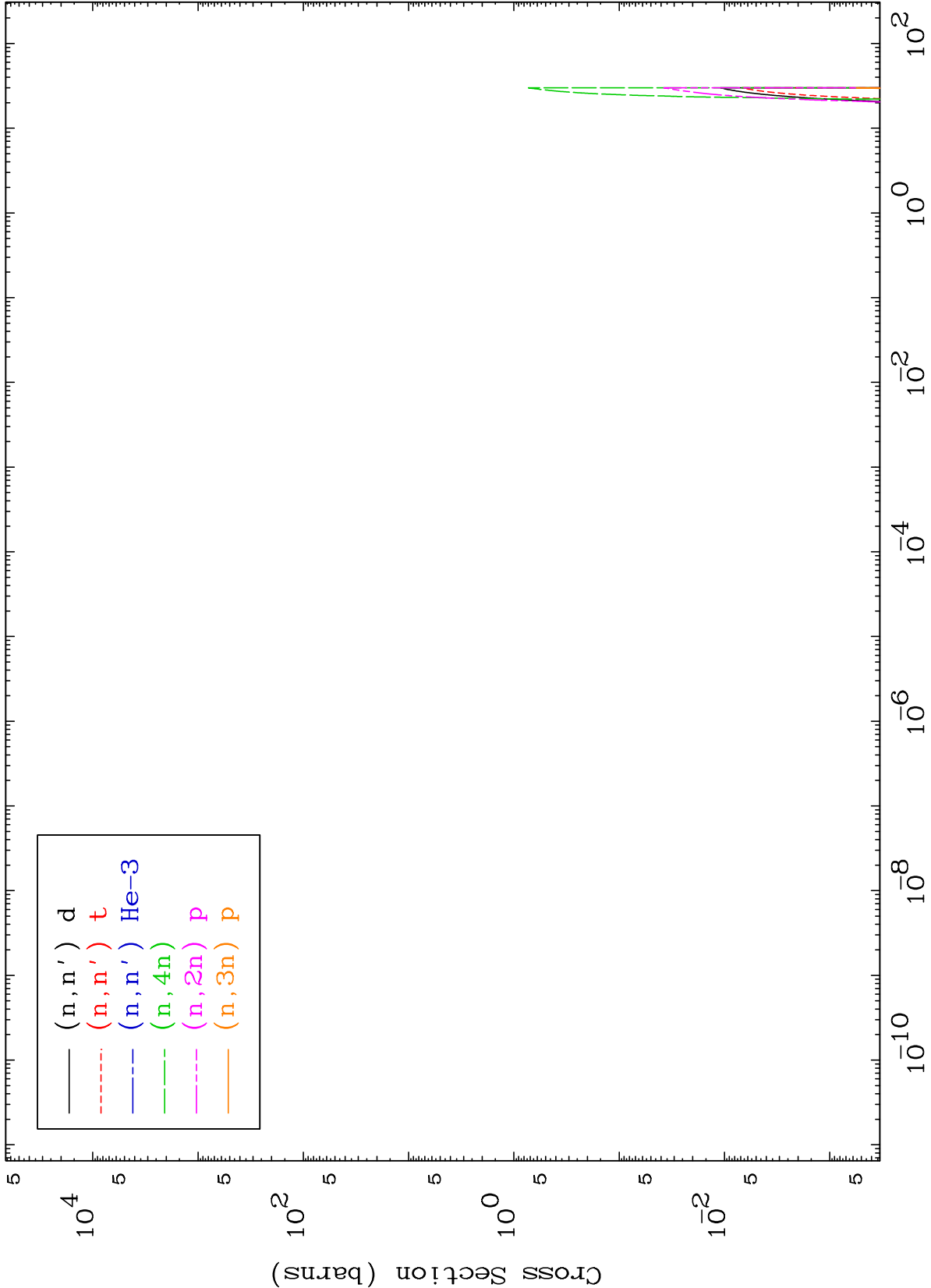


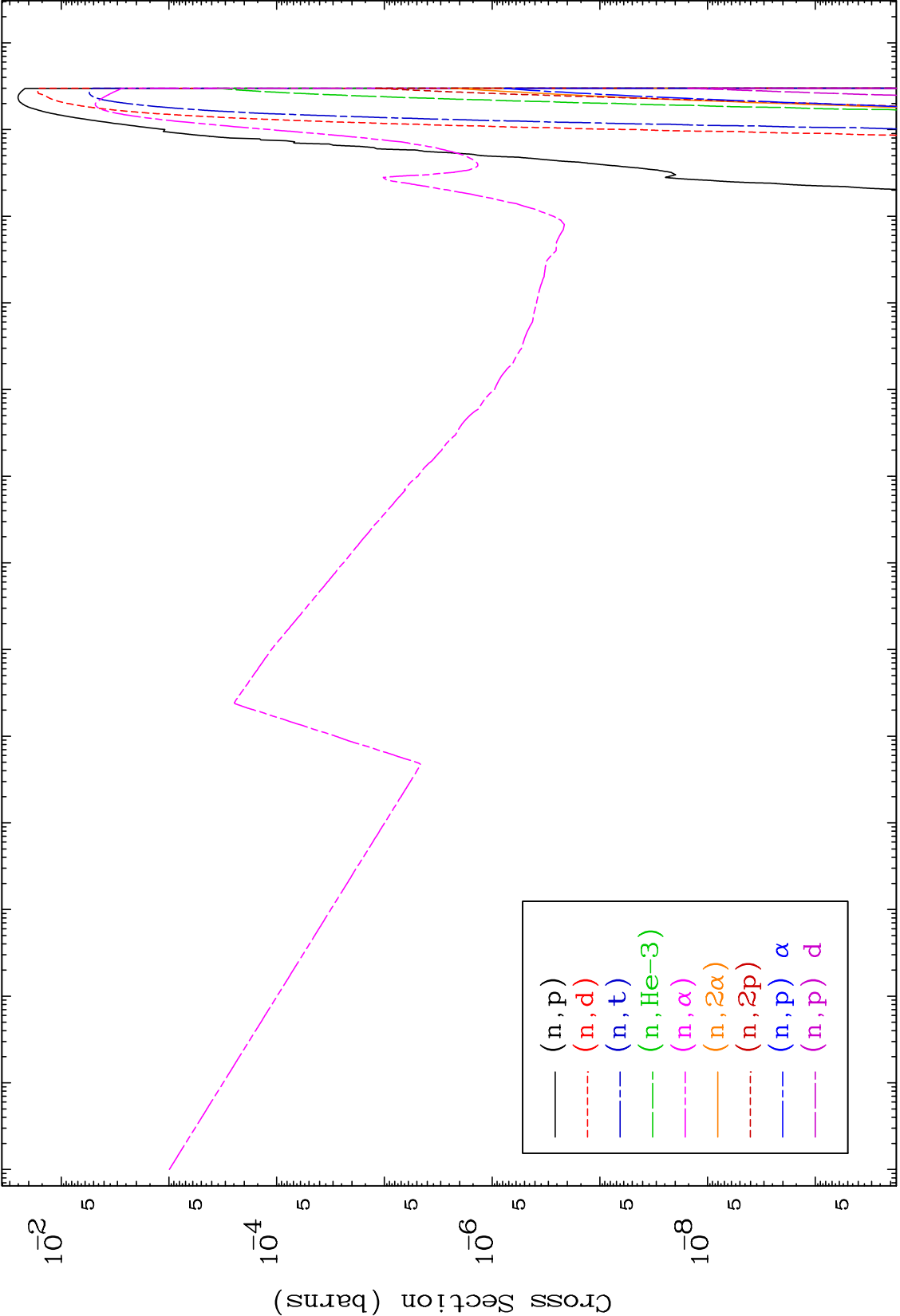
MAT 7234

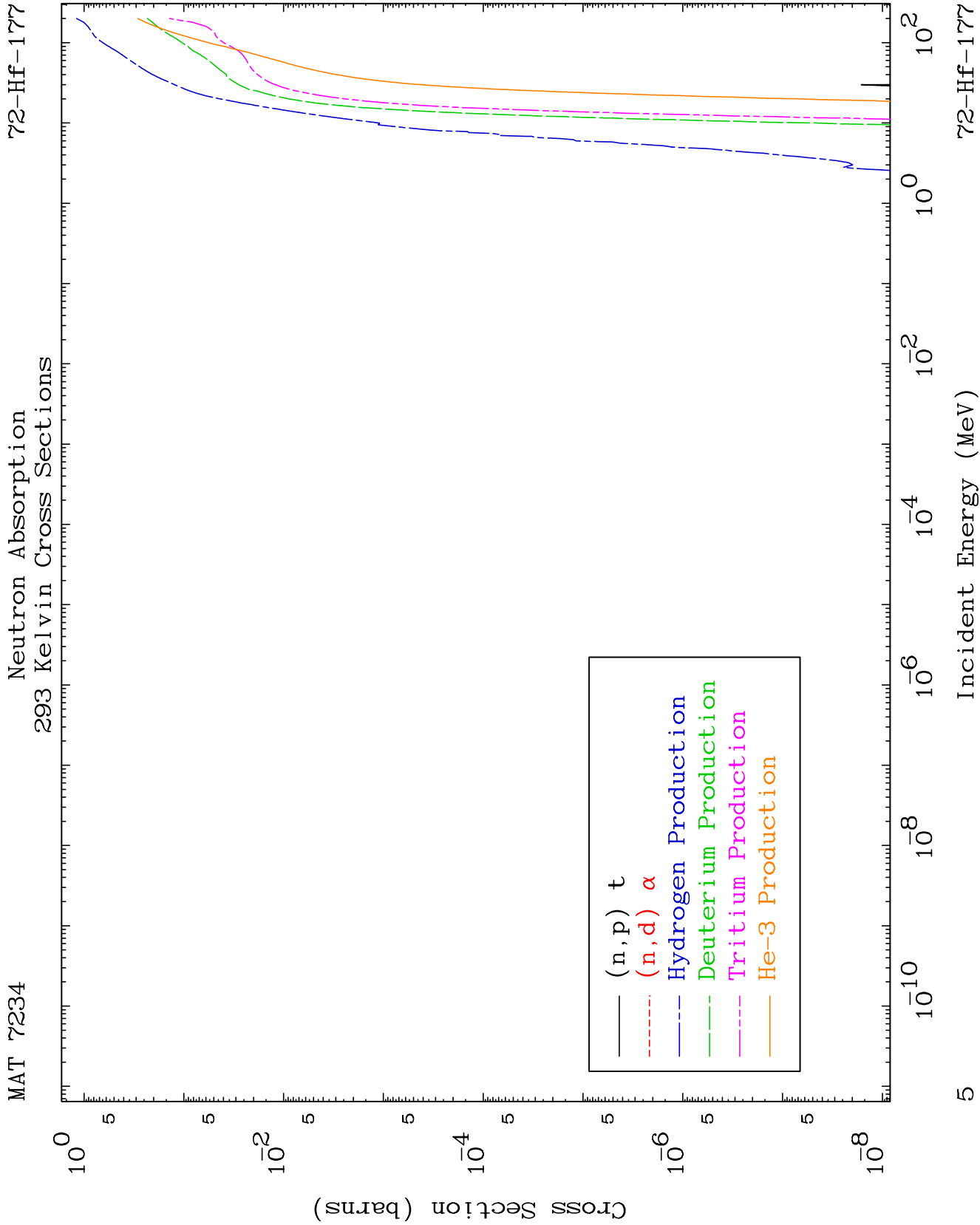
Neutron Absorption
293 Kelvin Cross Sections

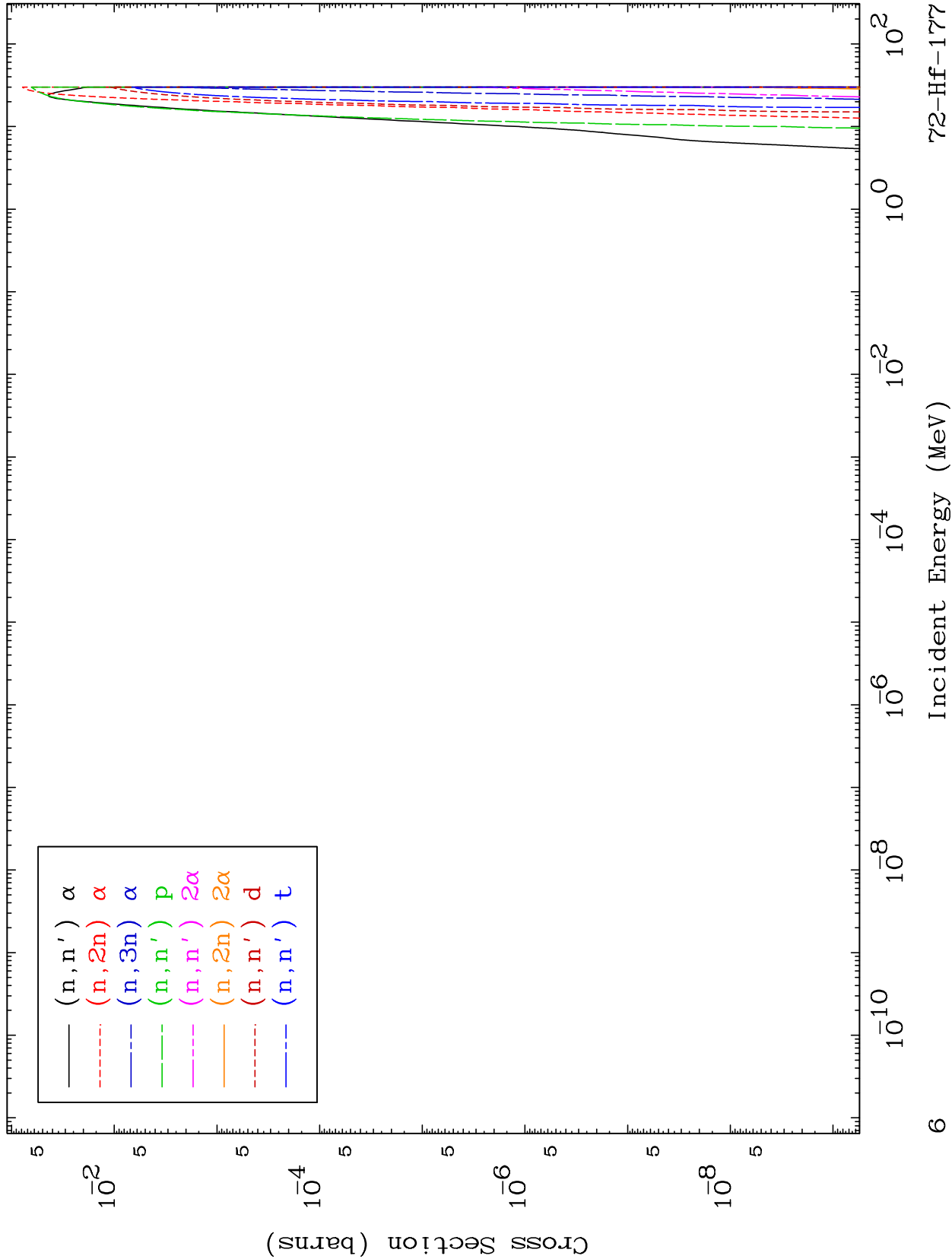
72-Hf-177

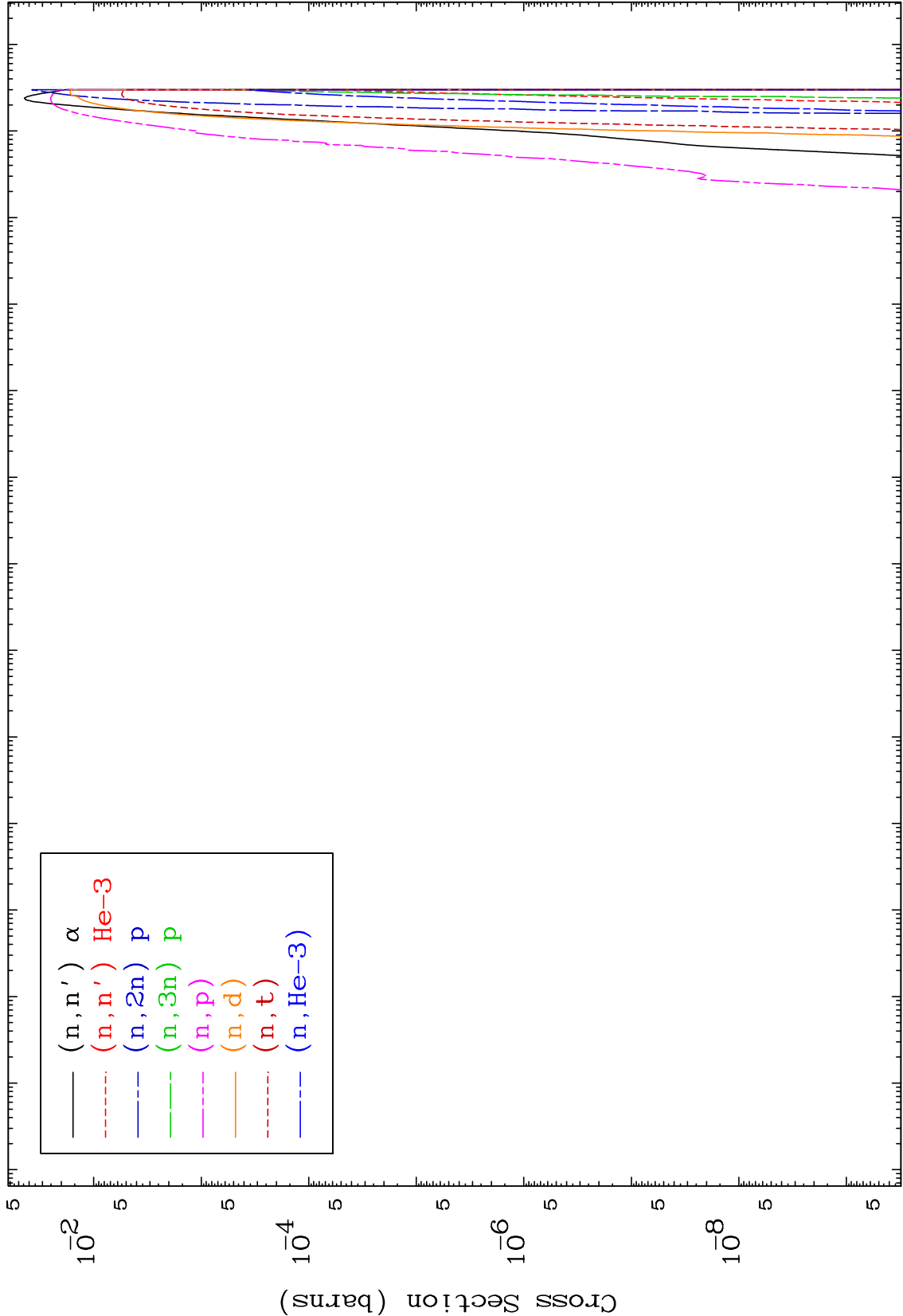


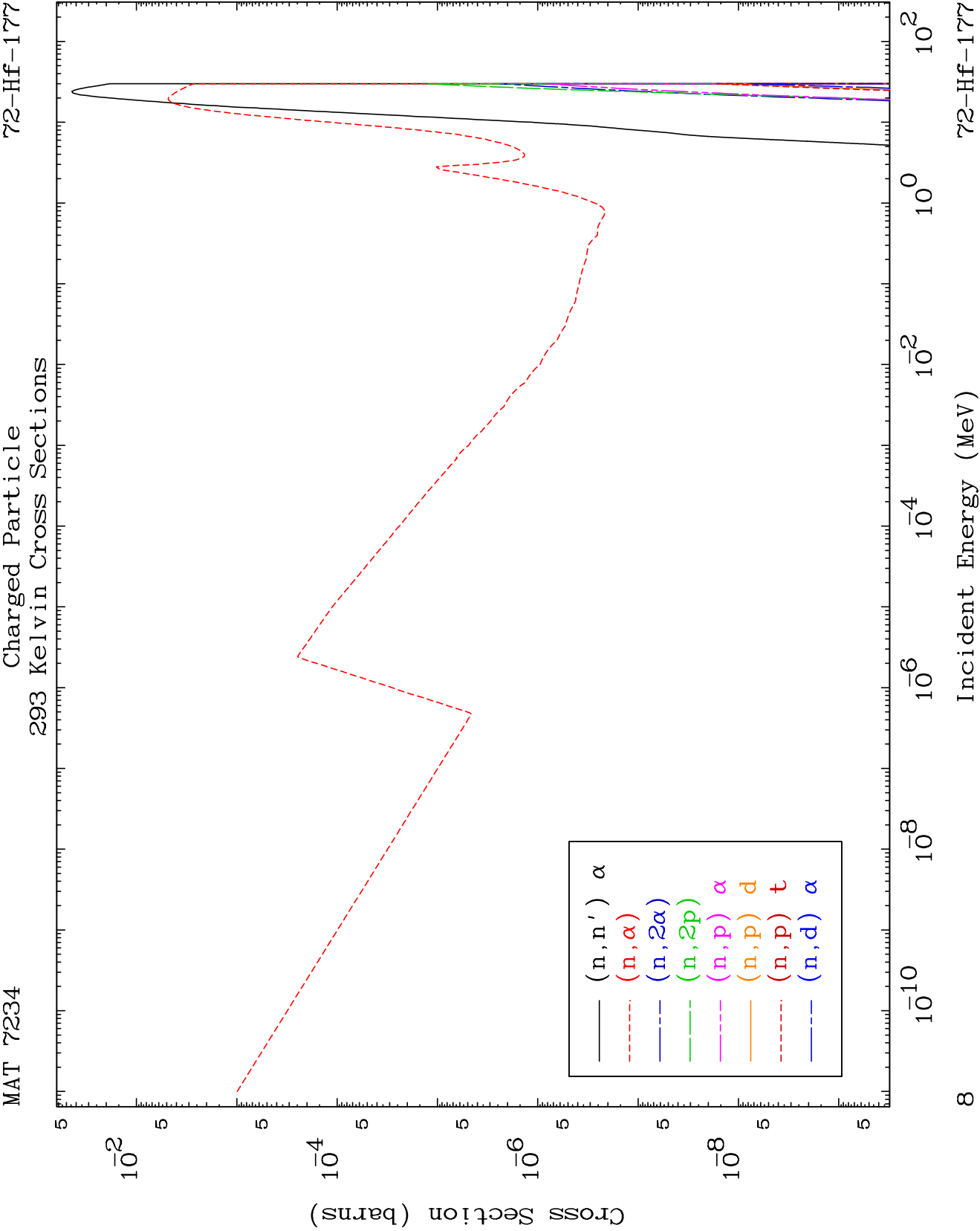


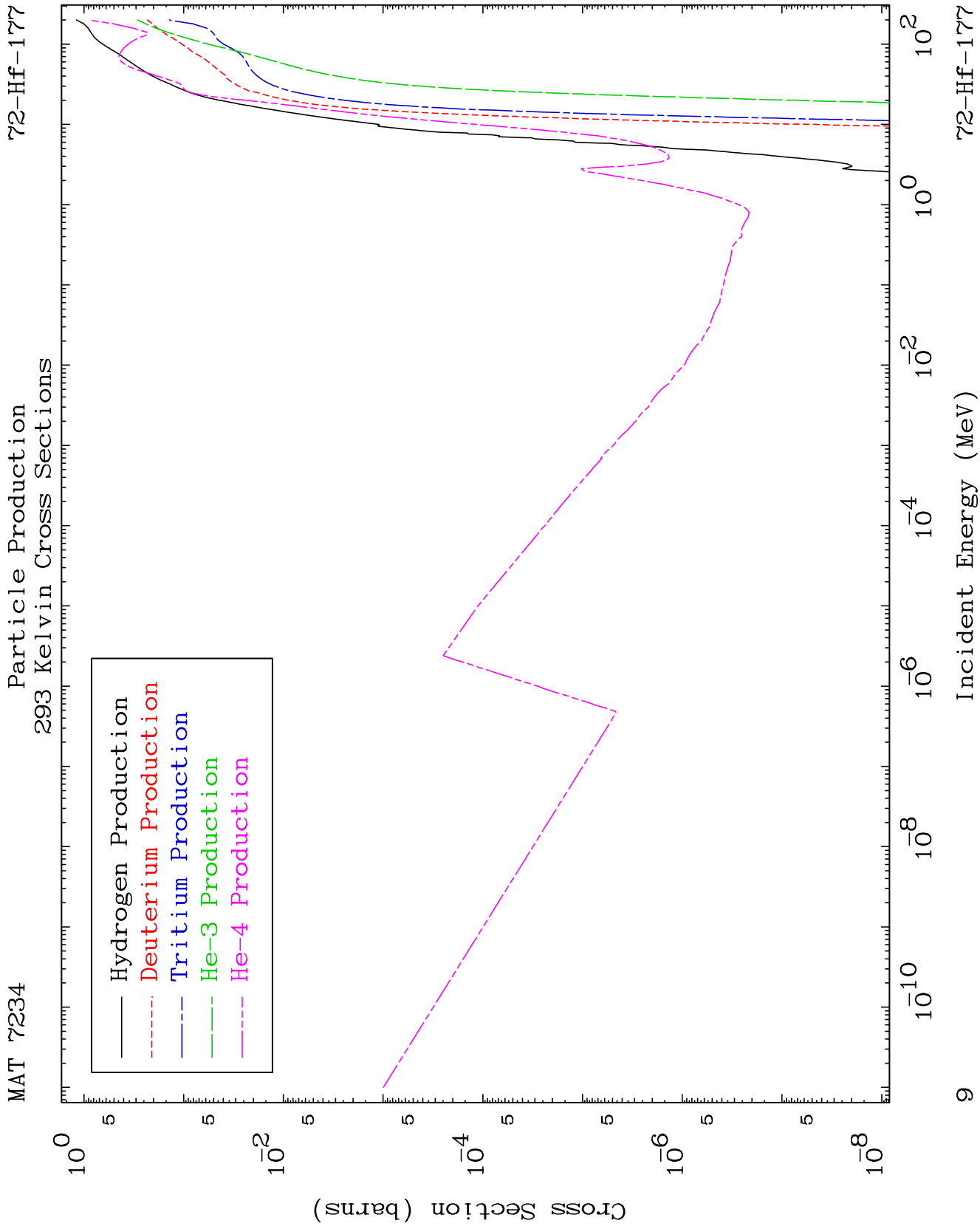


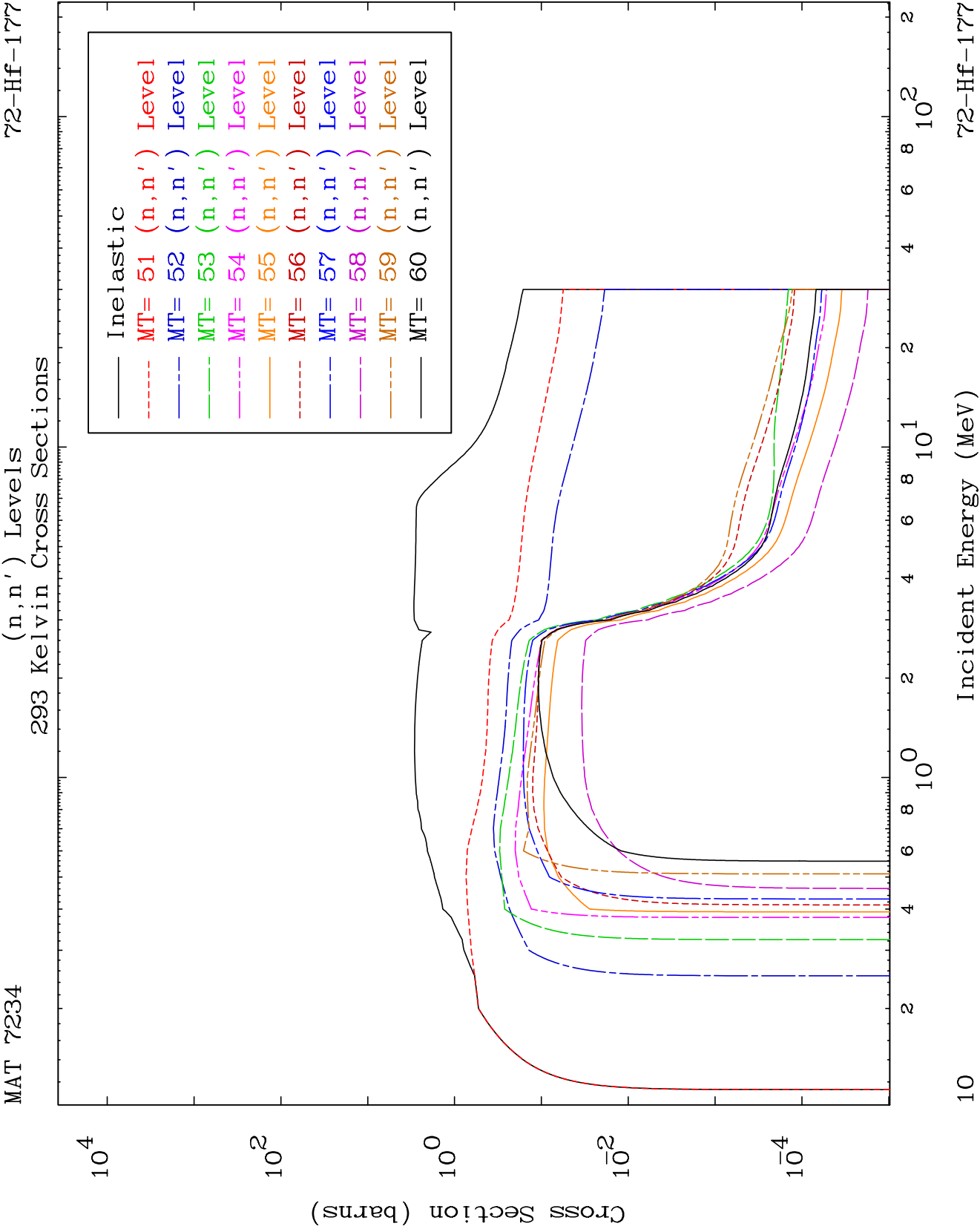


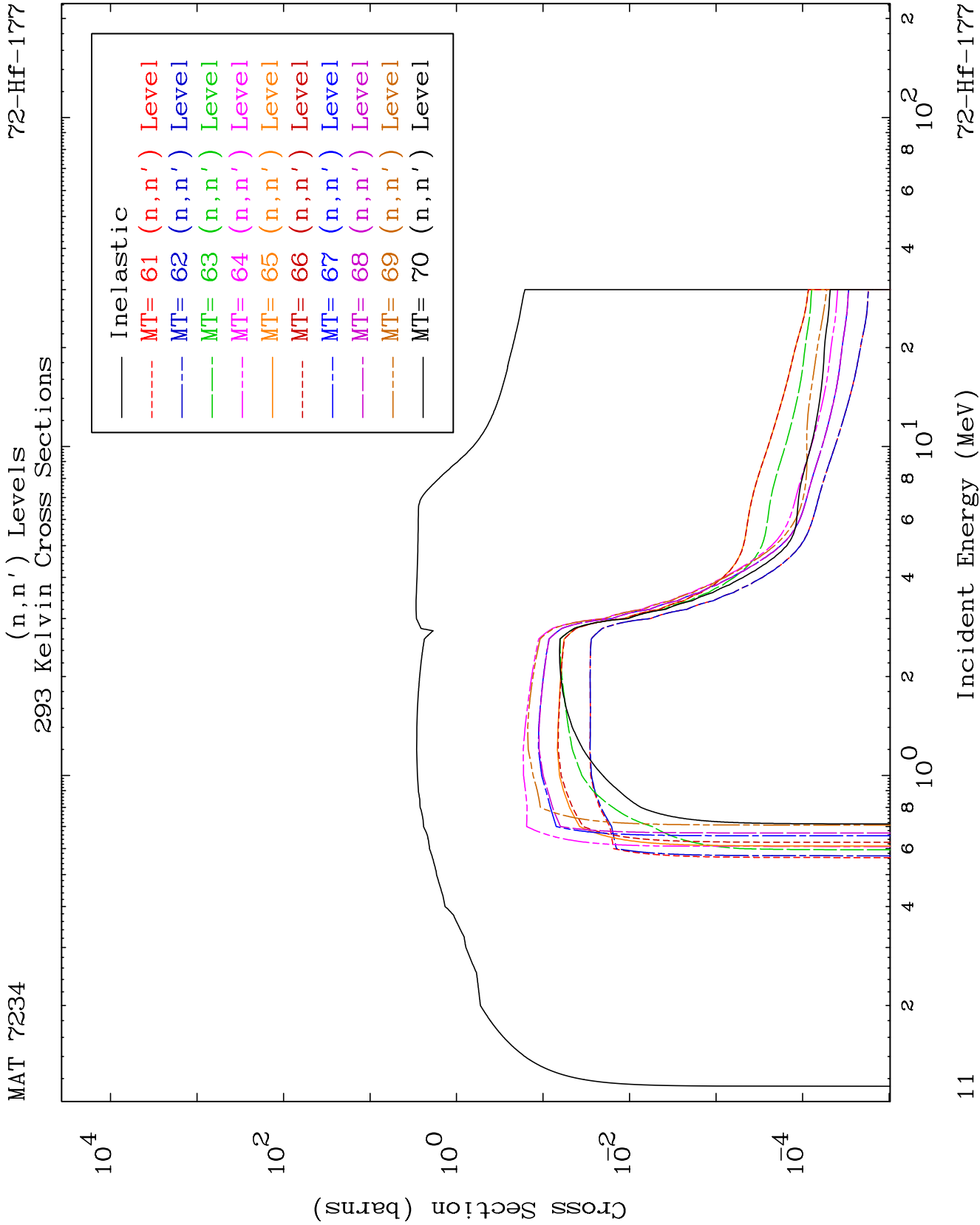


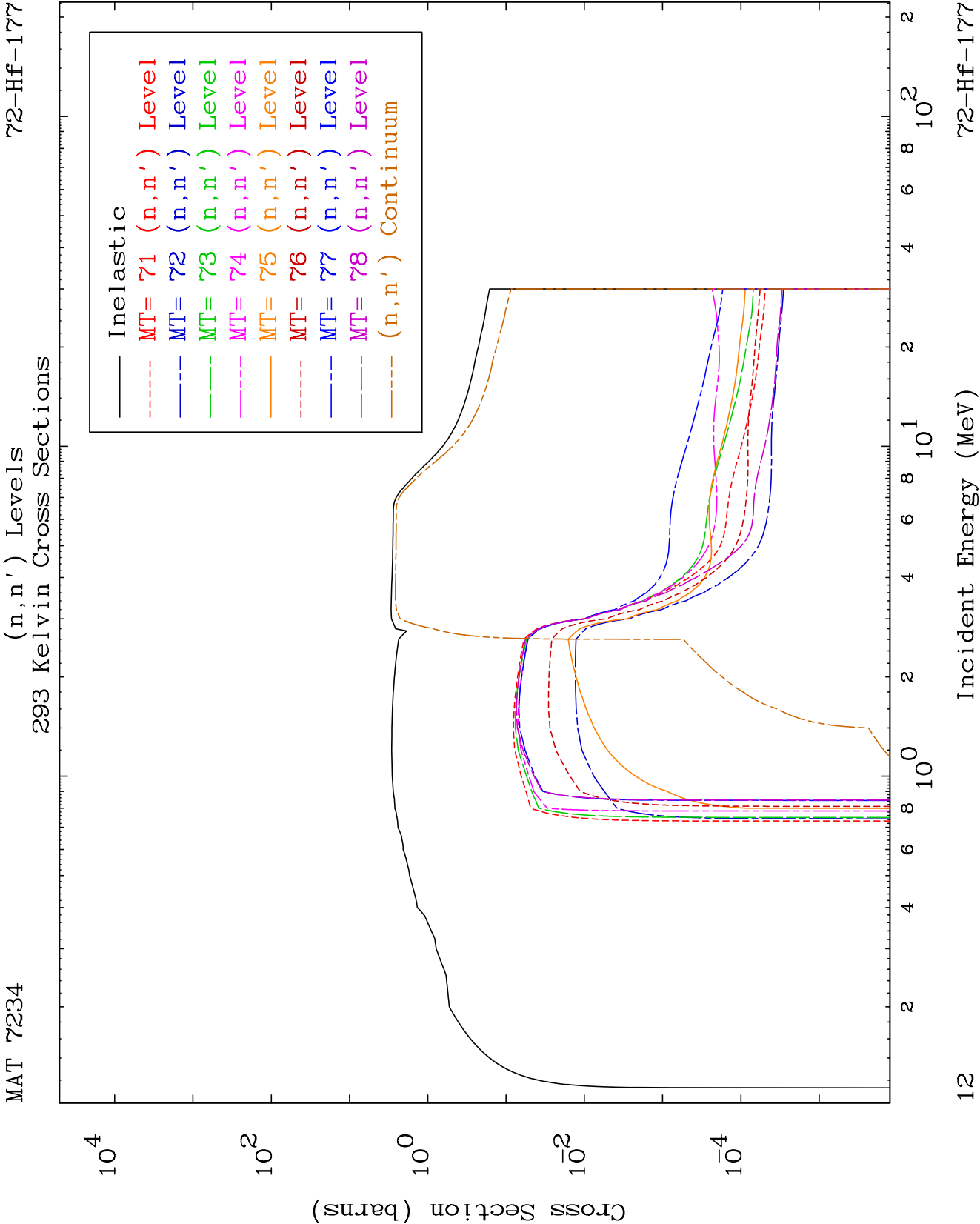


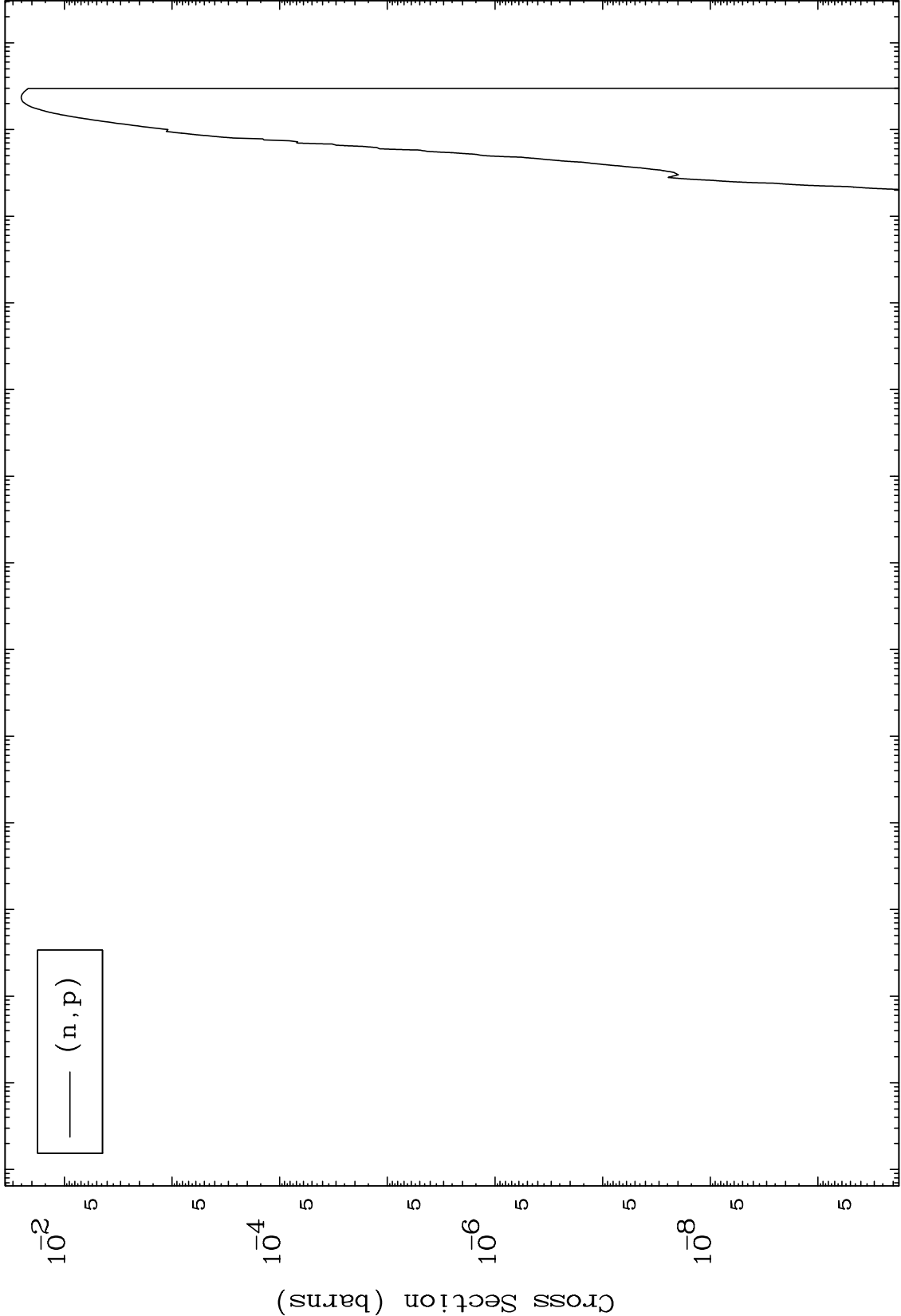








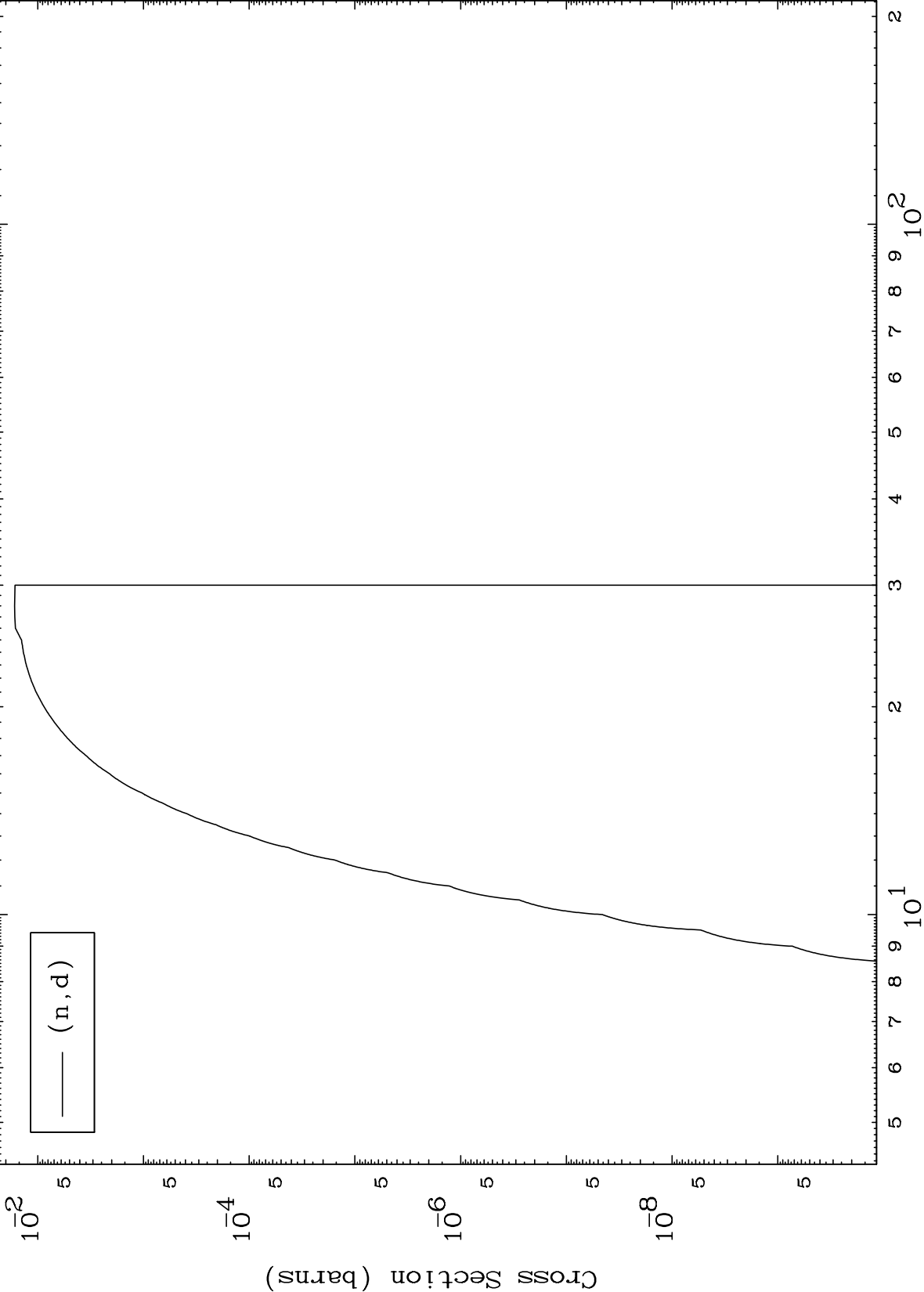




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(n,d) Levels
293 Kelvin Cross Sections

72-Hf-177



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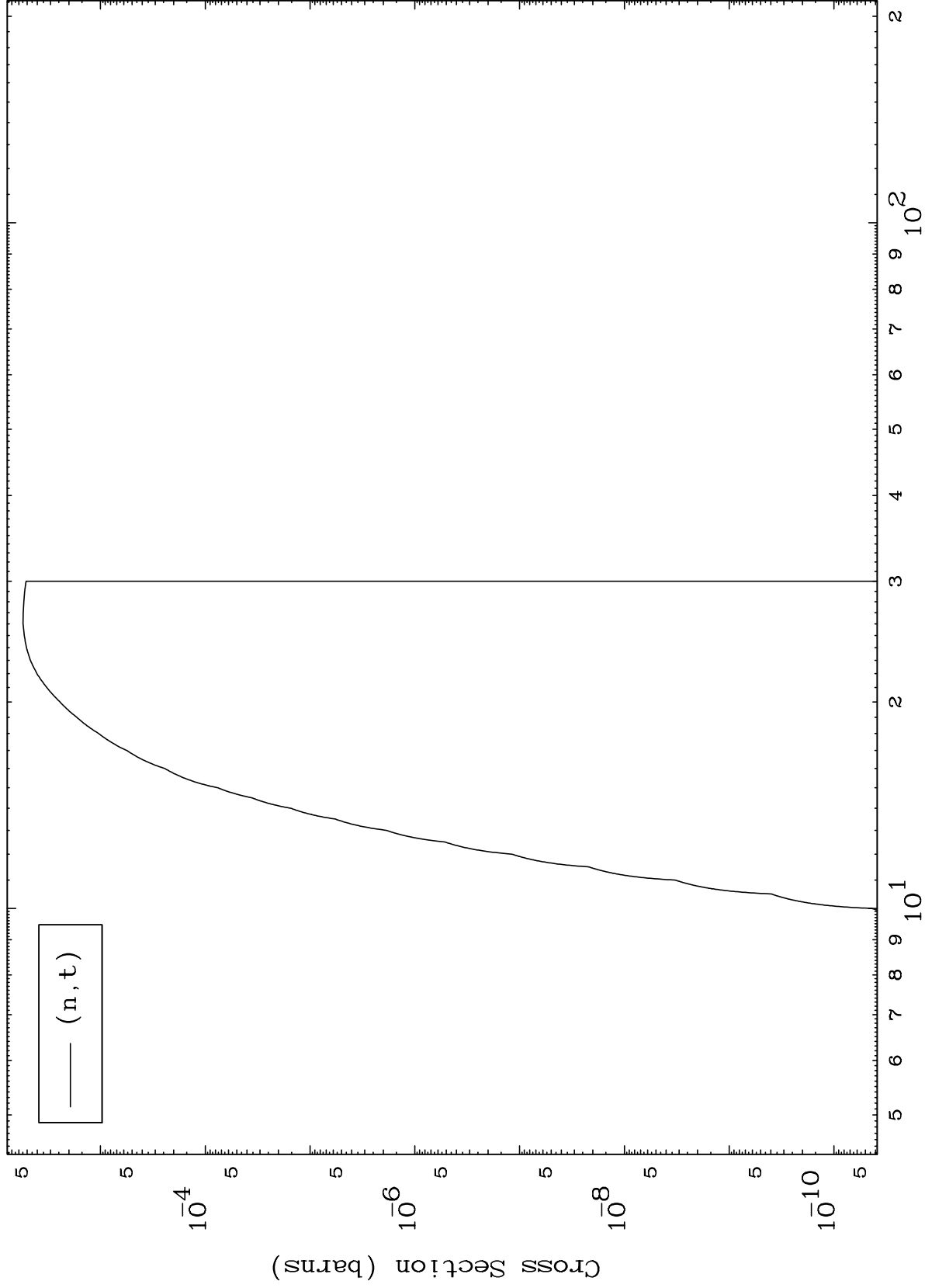
Incident Energy (MeV)

72-Hf-177

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72-Hf-177

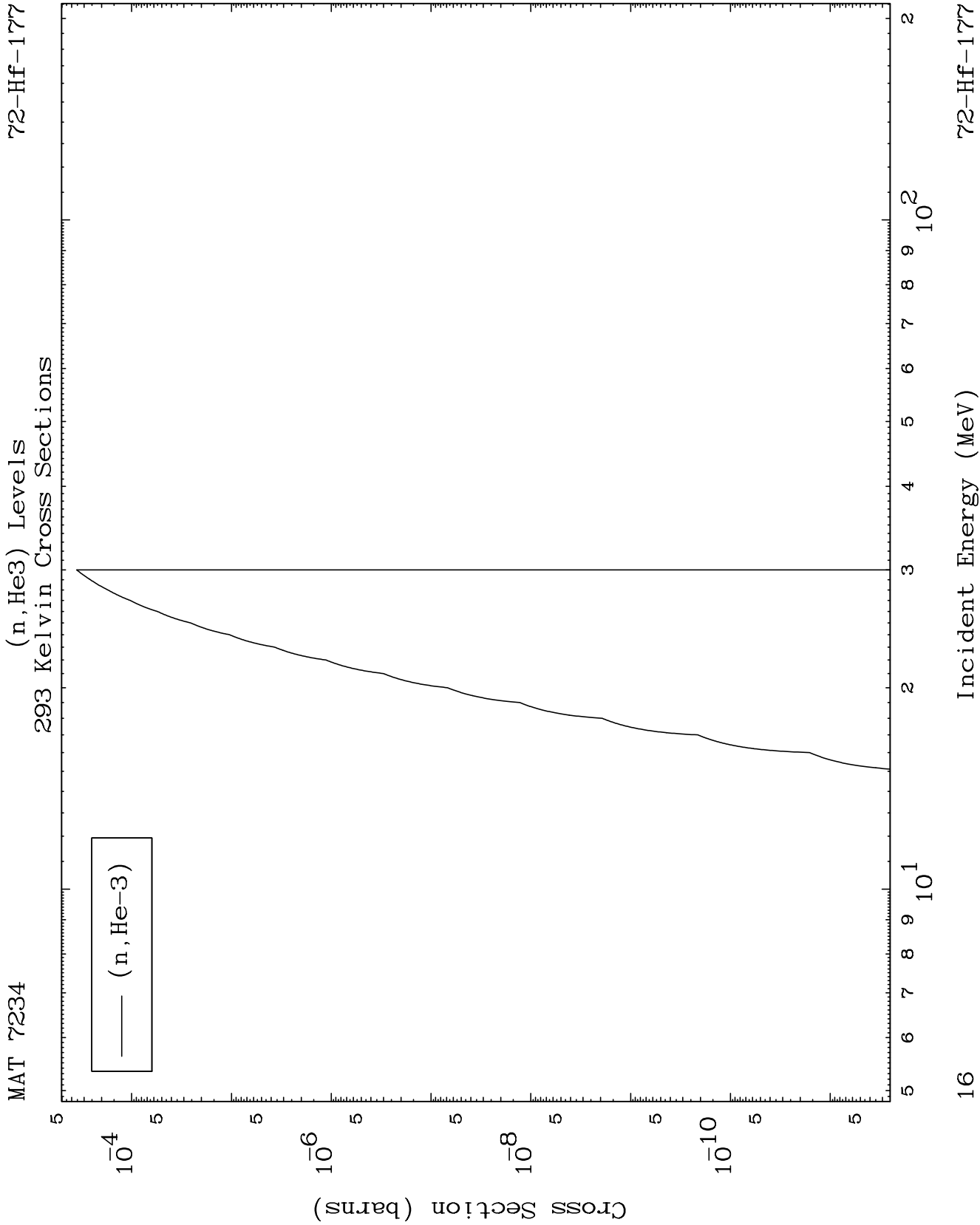
(n,t) Levels
293 Kelvin Cross Sections



72-Hf-177

Incident Energy (MeV)

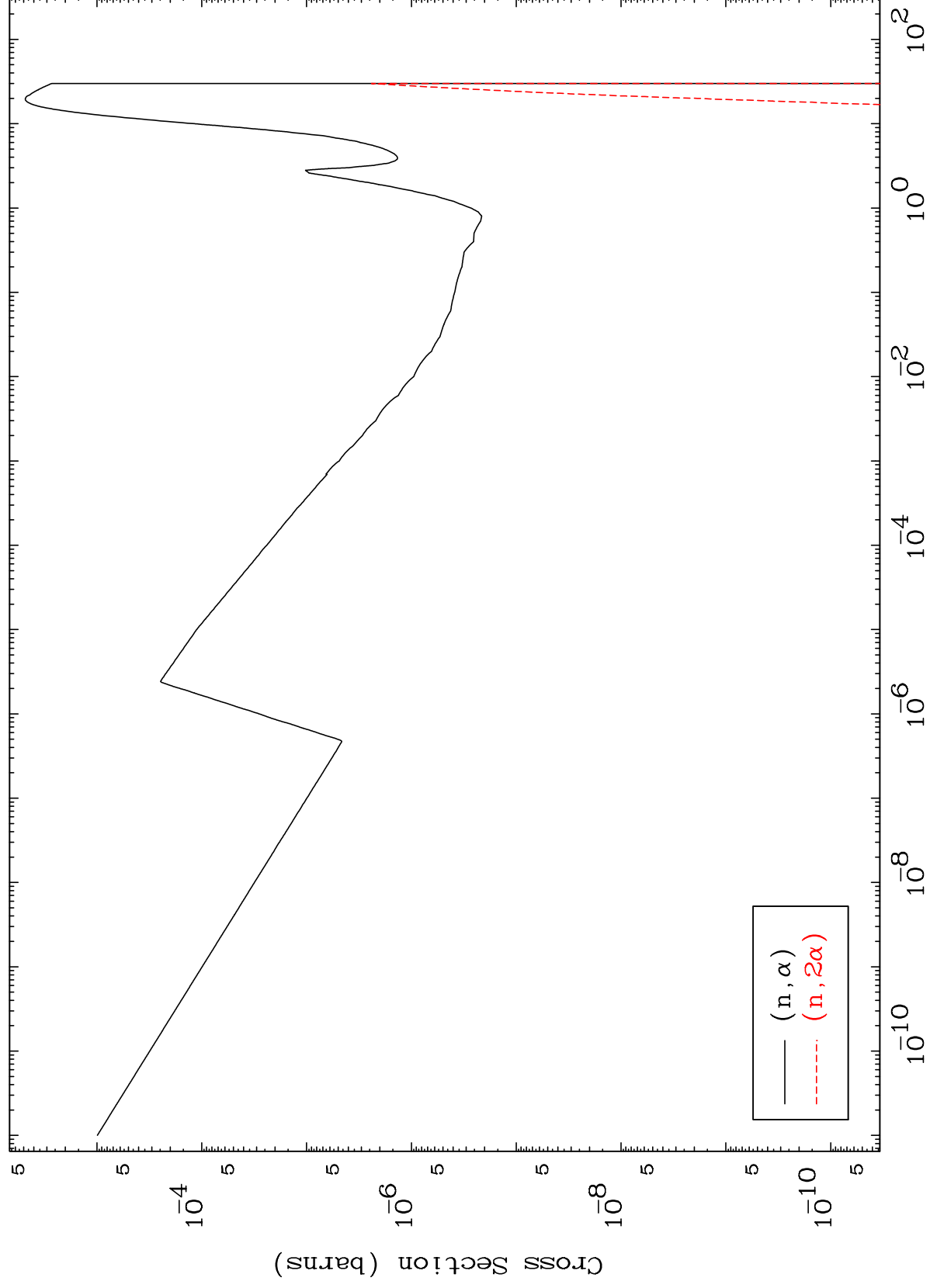
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(n, α) Levels
293 Kelvin Cross Sections

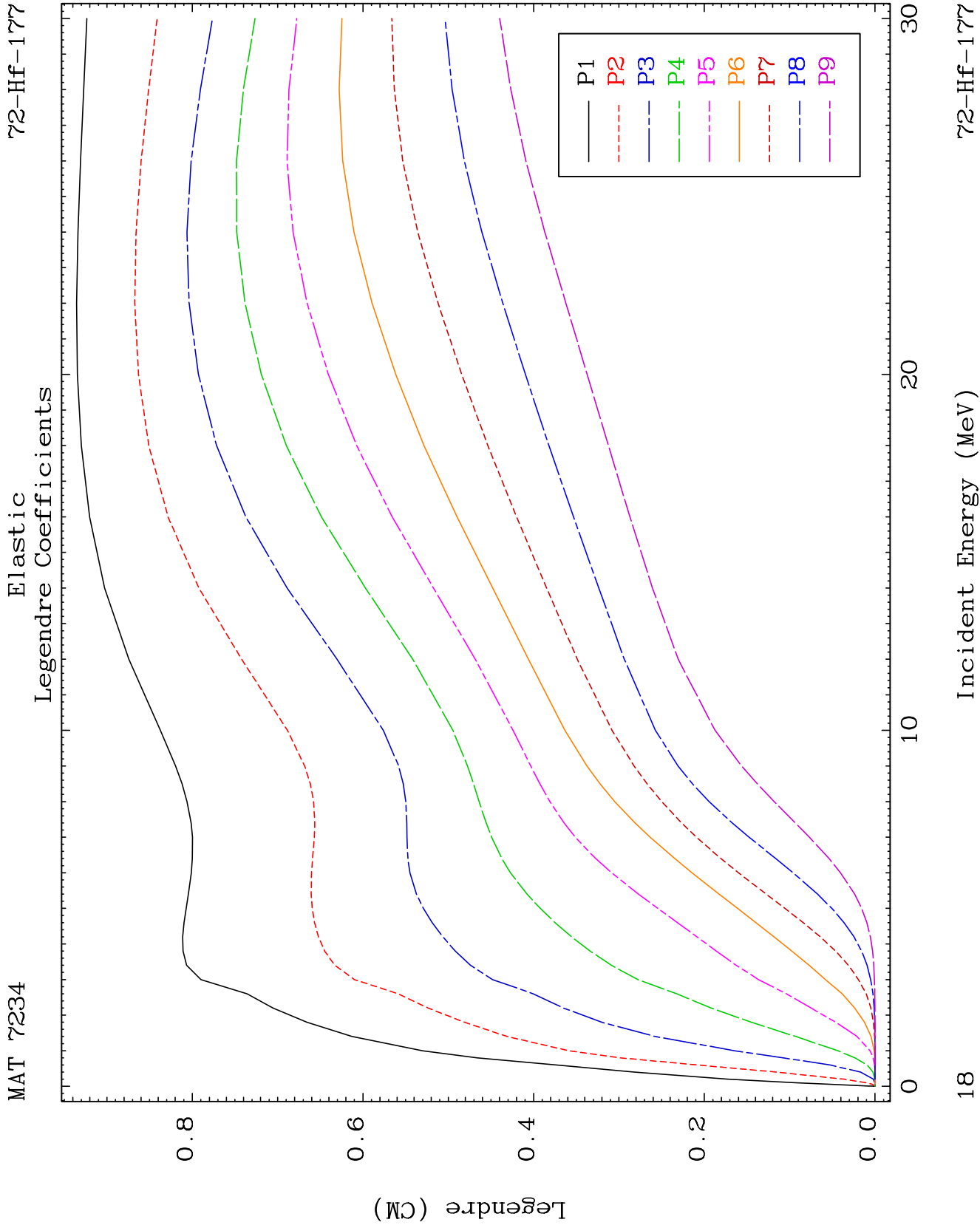
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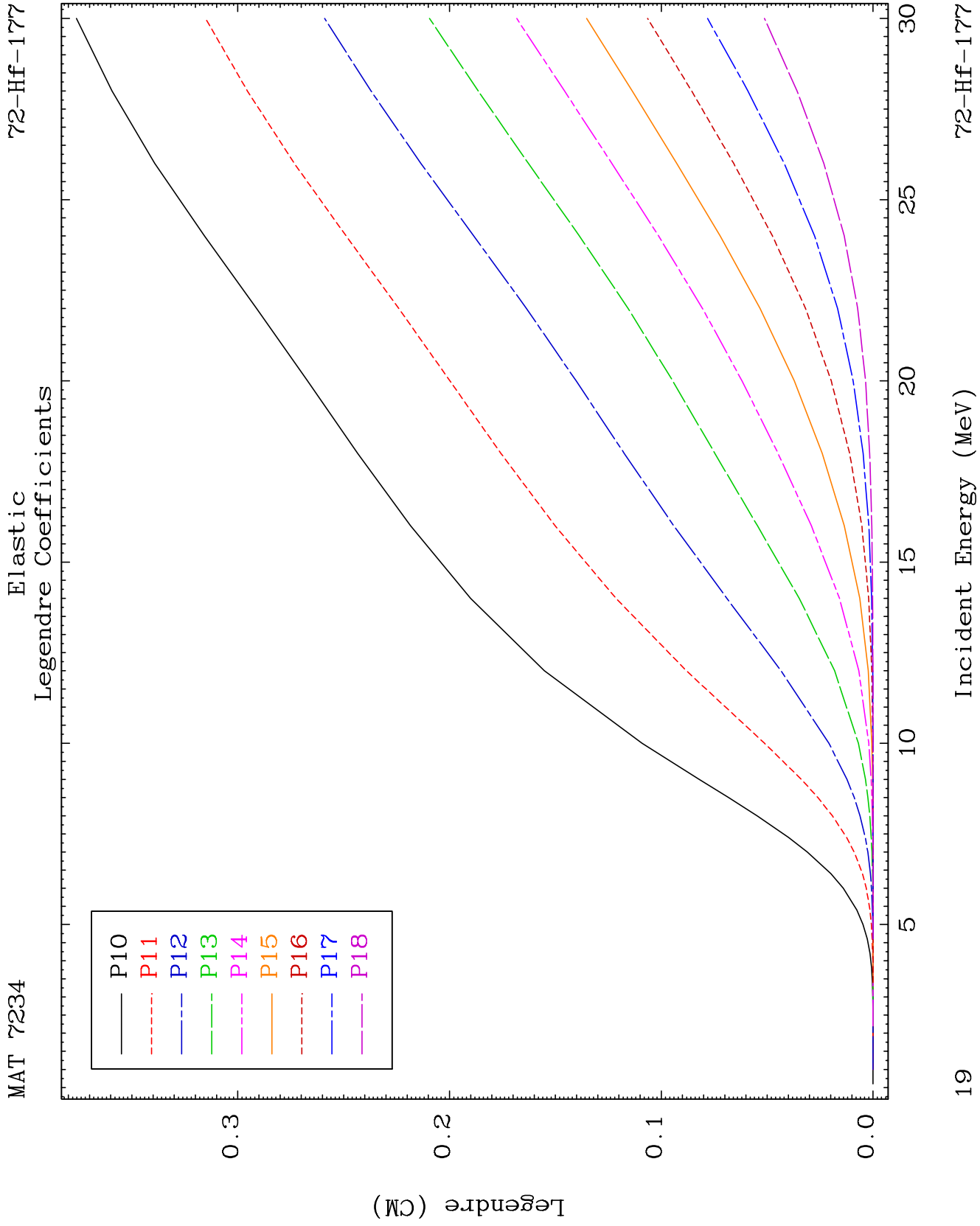


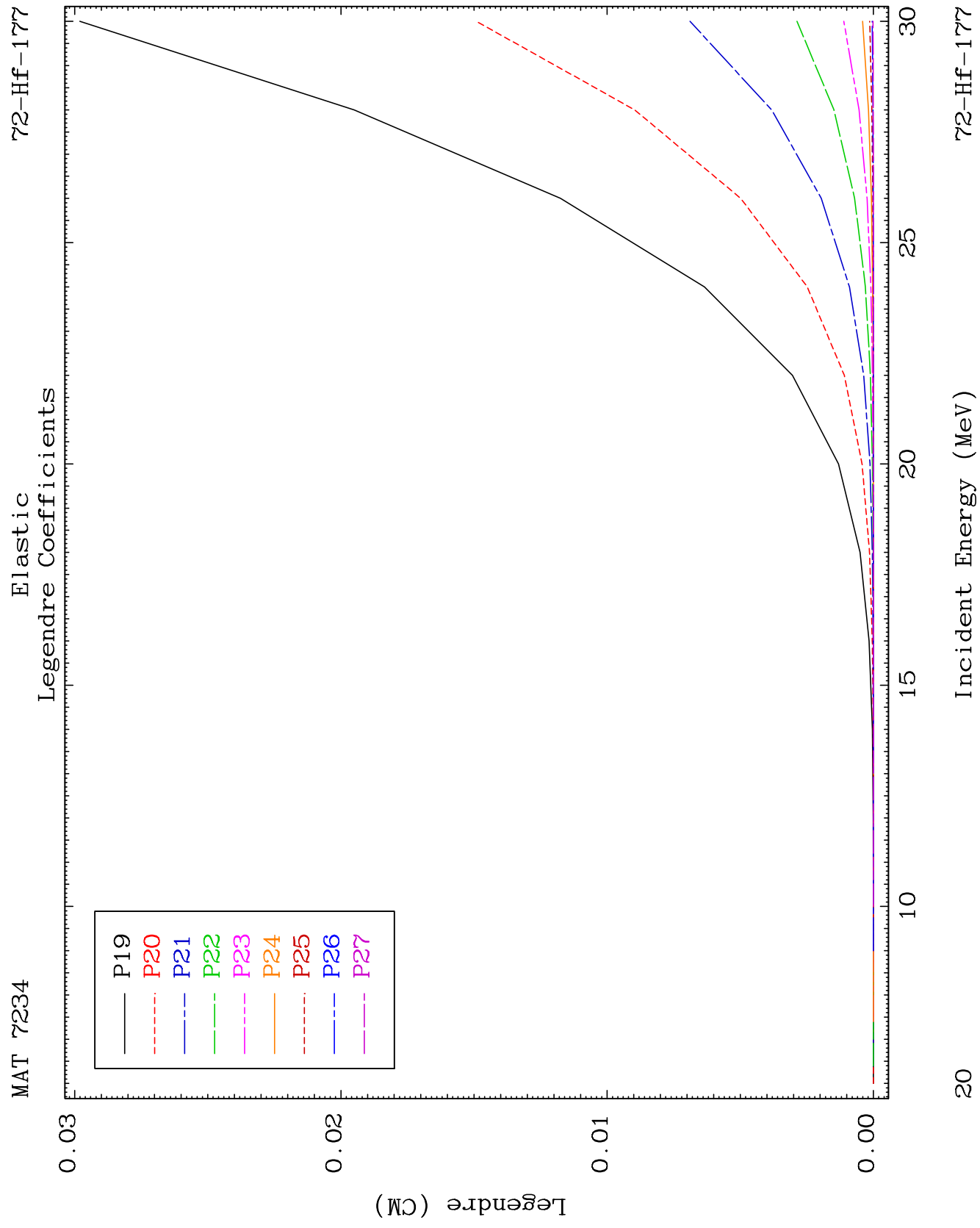
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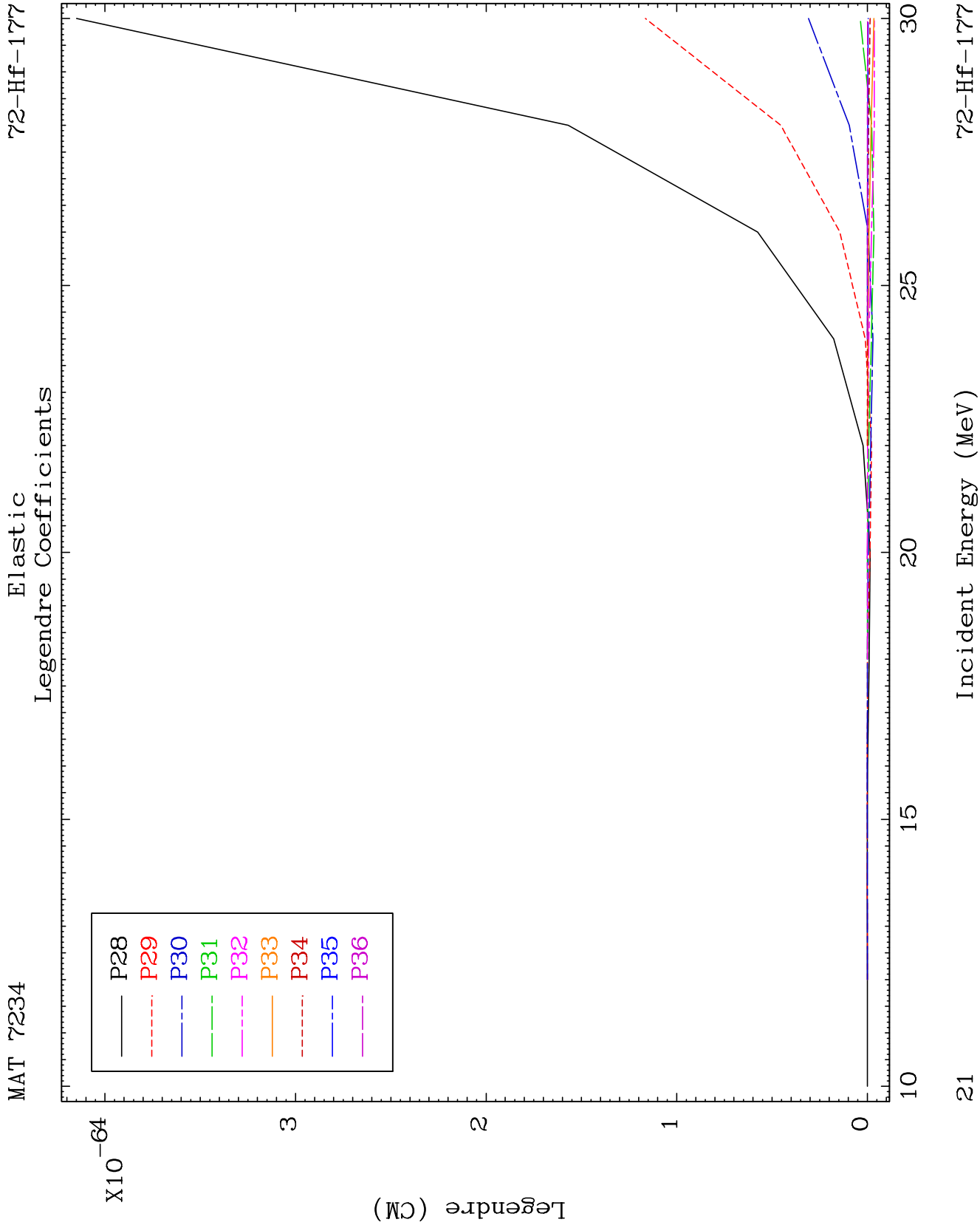
Incident Energy (MeV)

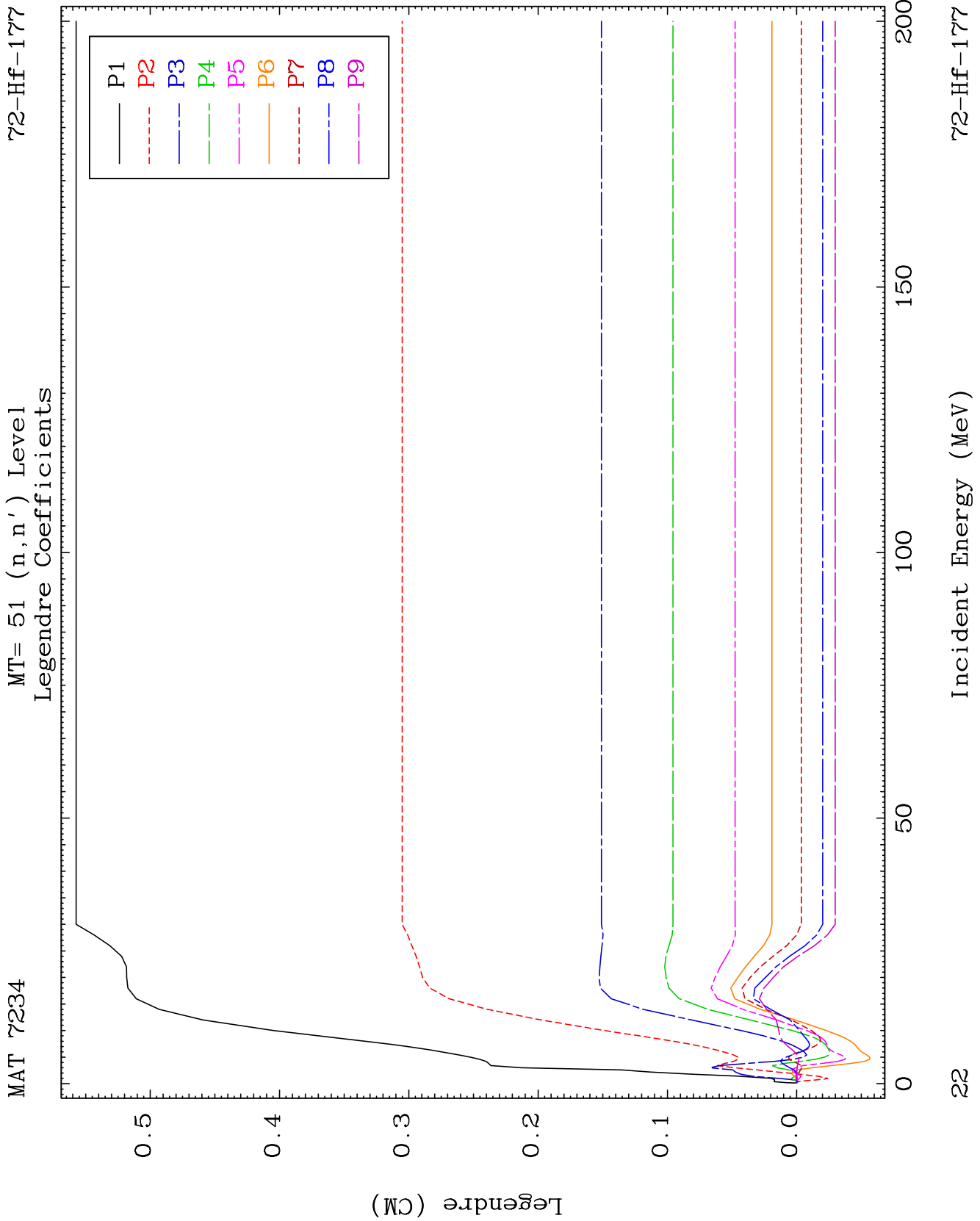
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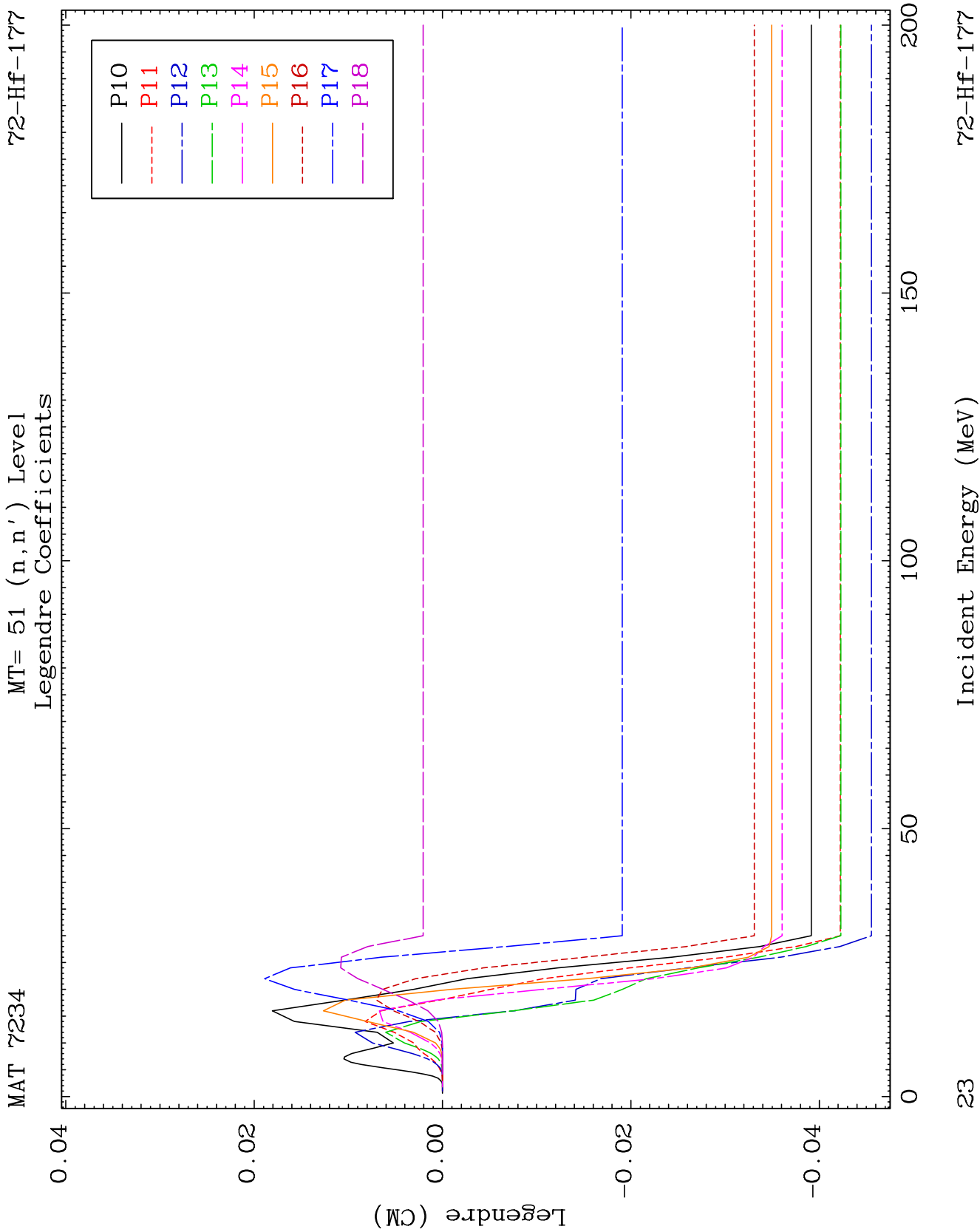


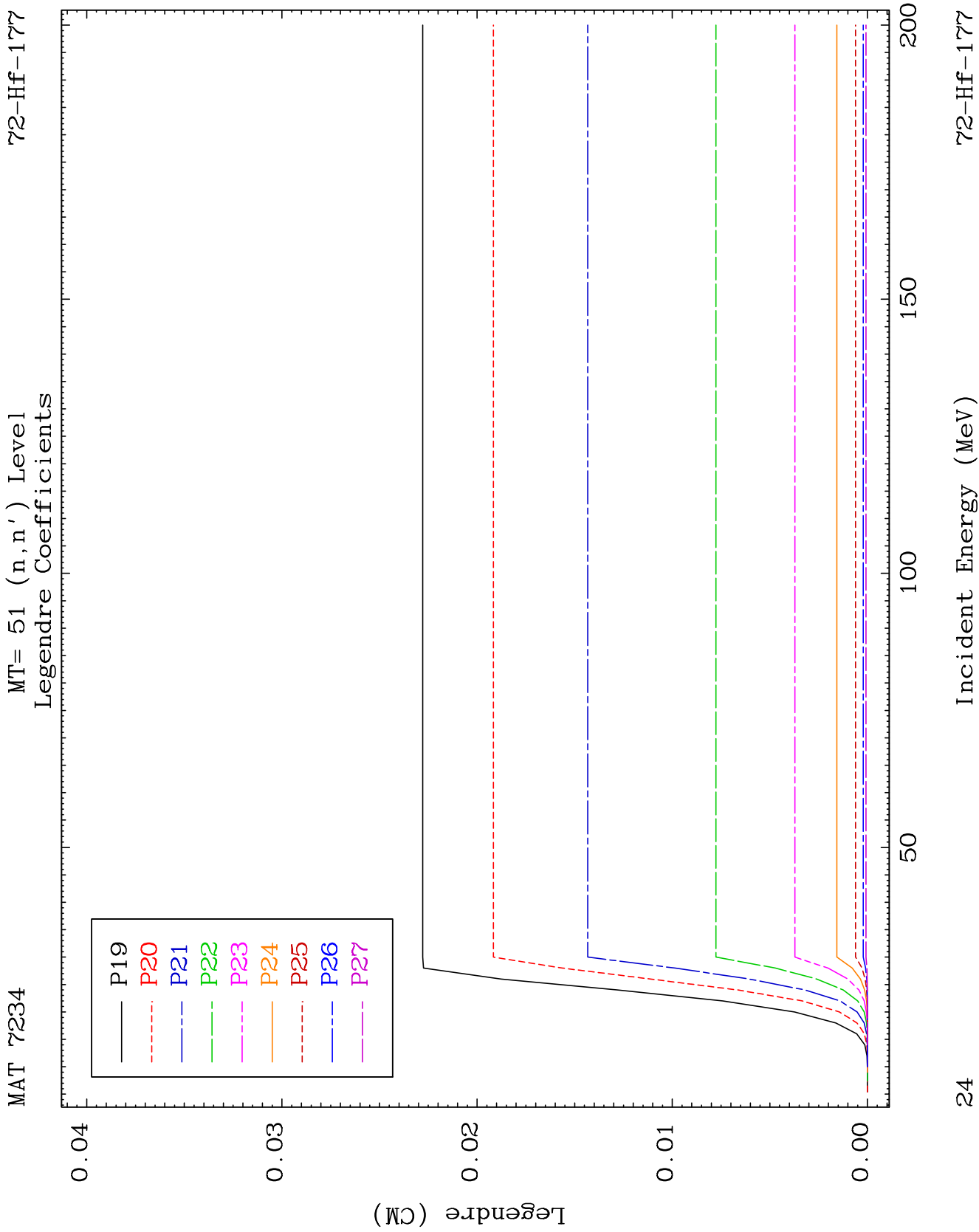


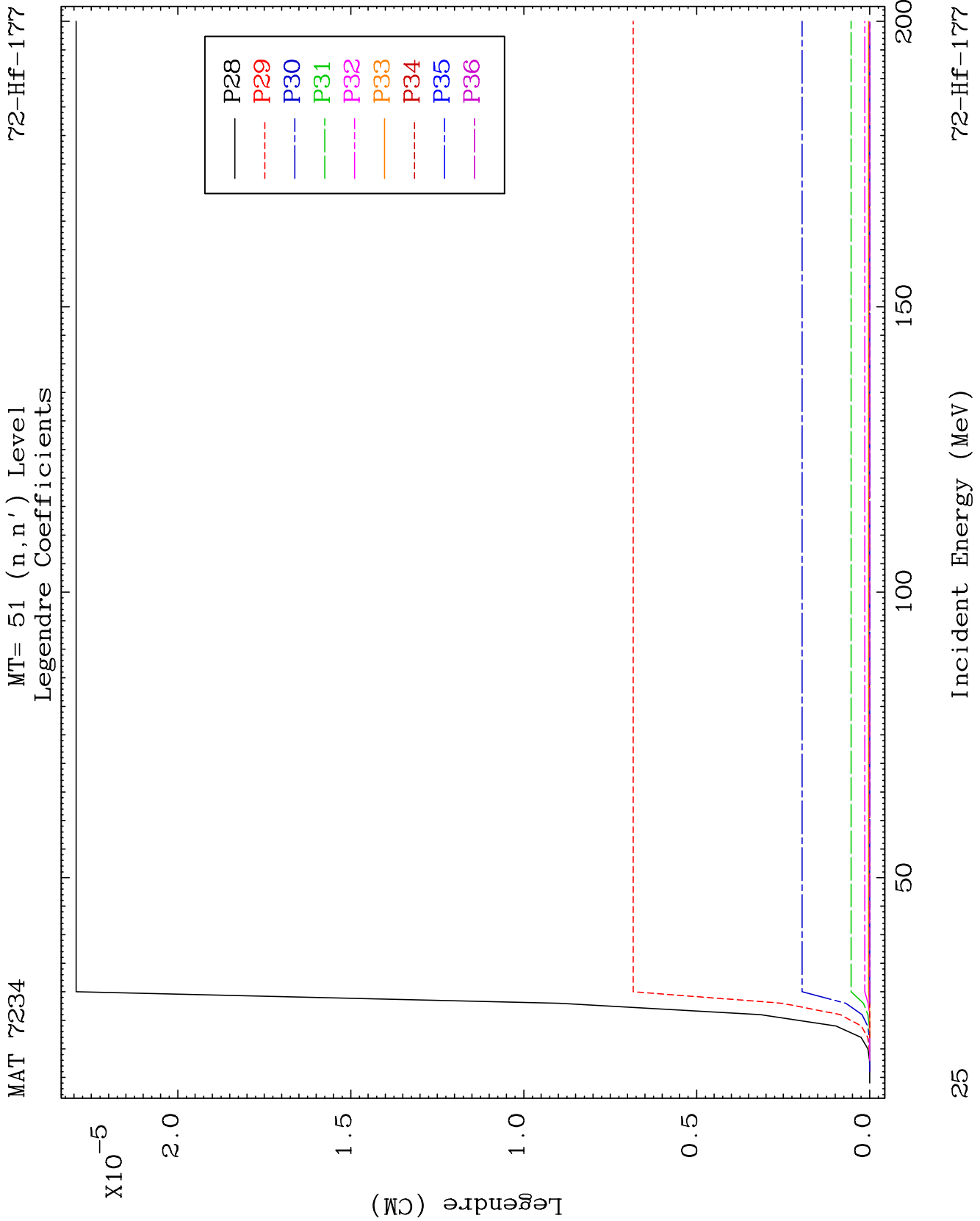


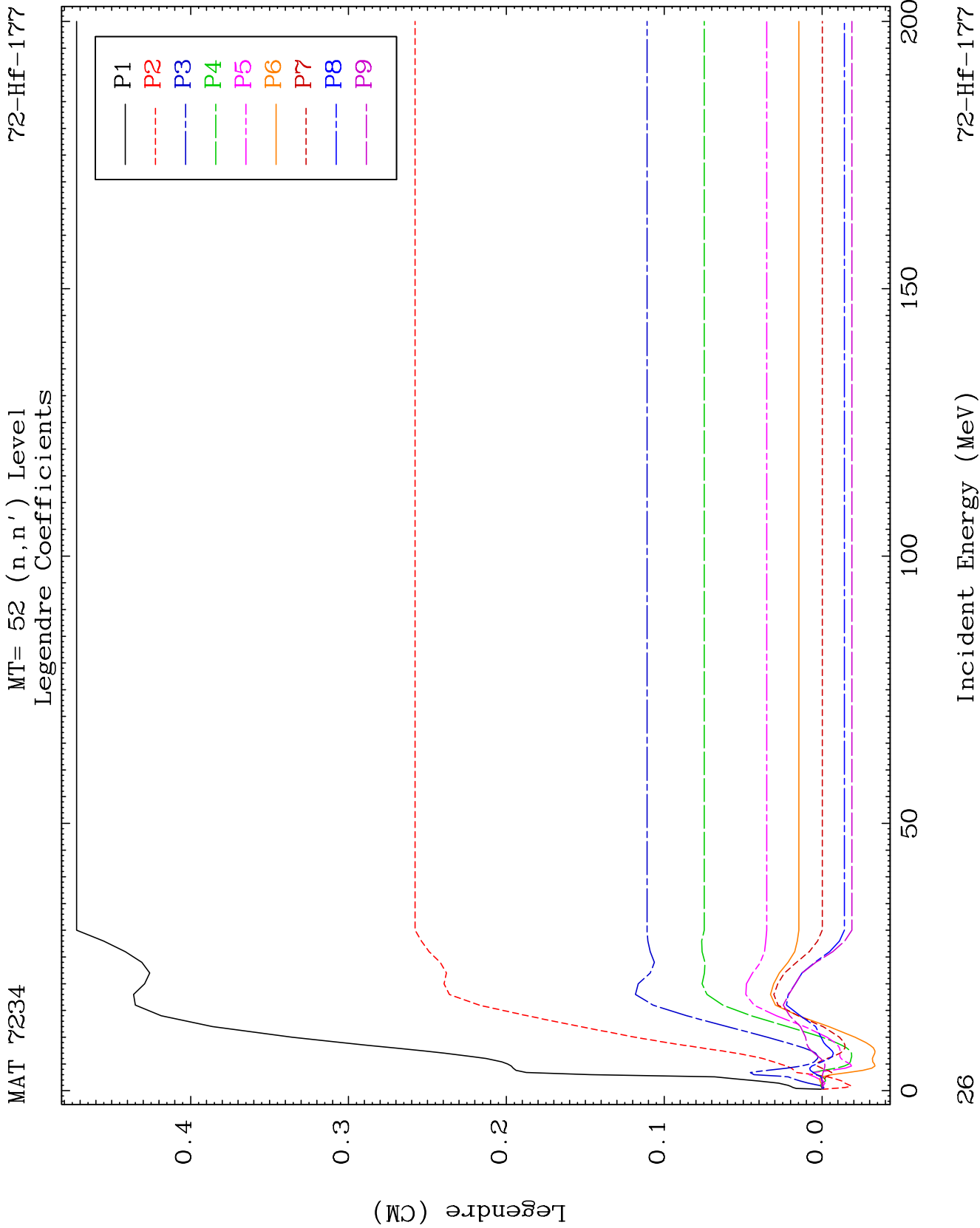








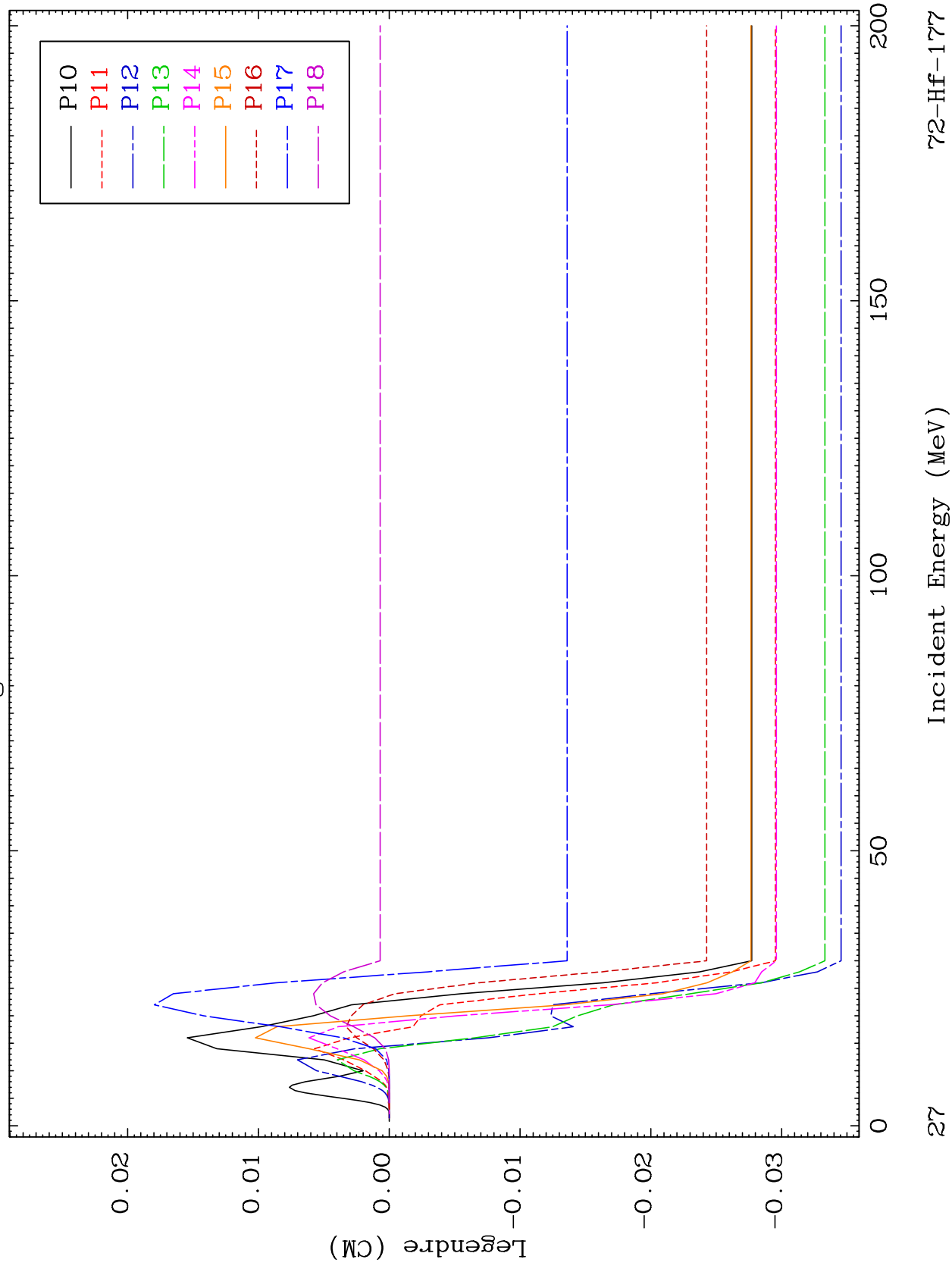


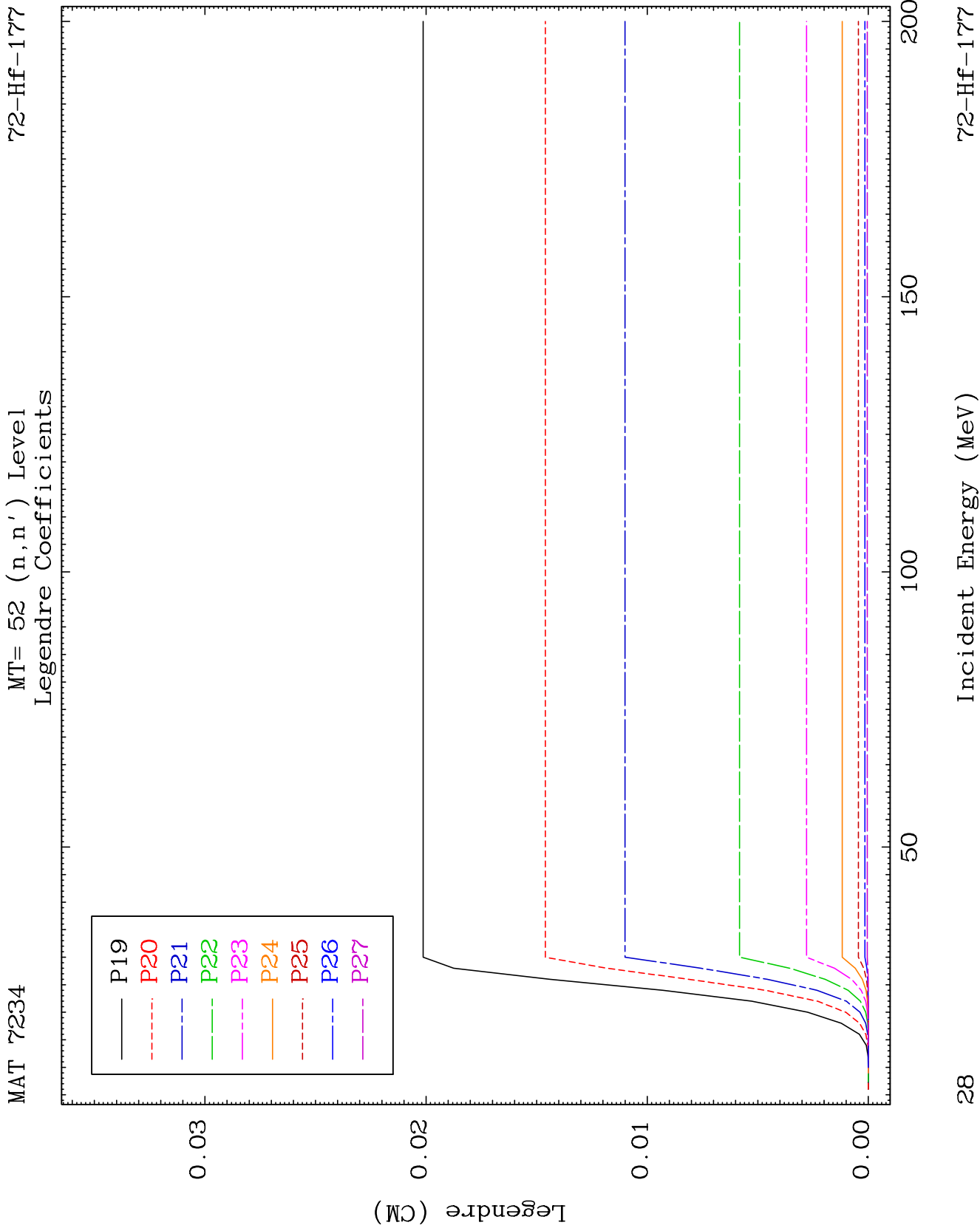


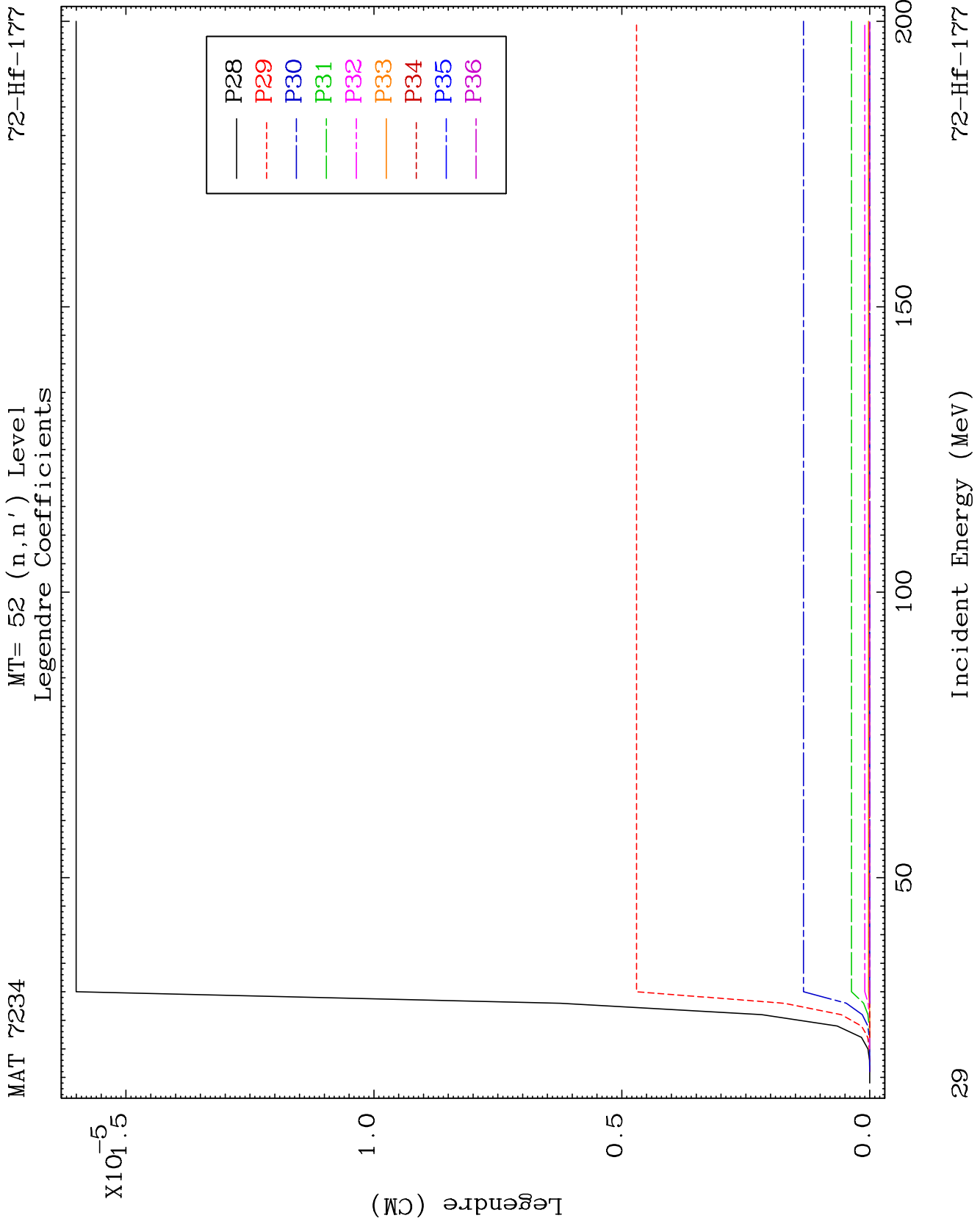
MAT 7234

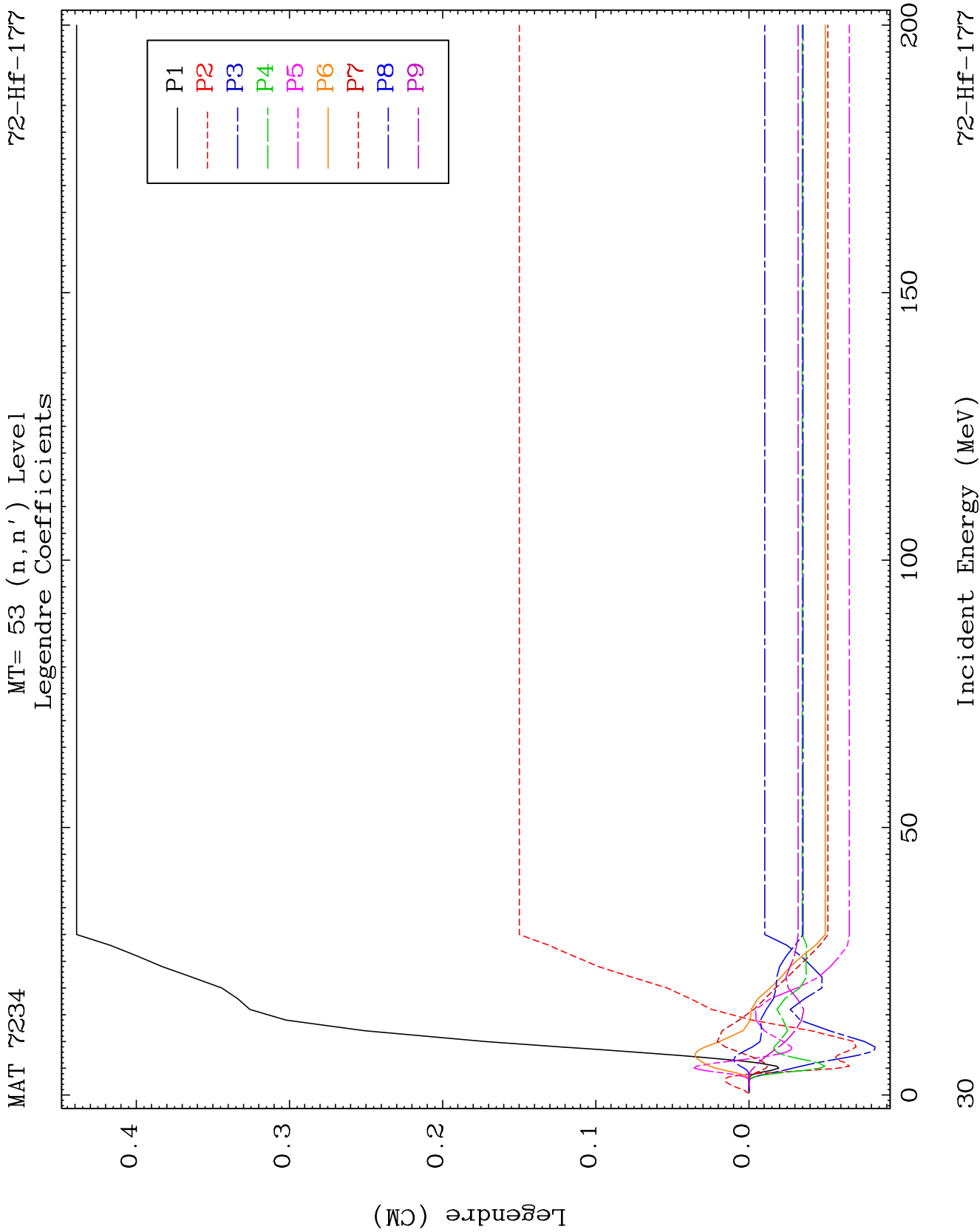
MT= 52 (n, n') Level
Legendre Coefficients

72-Hf-177





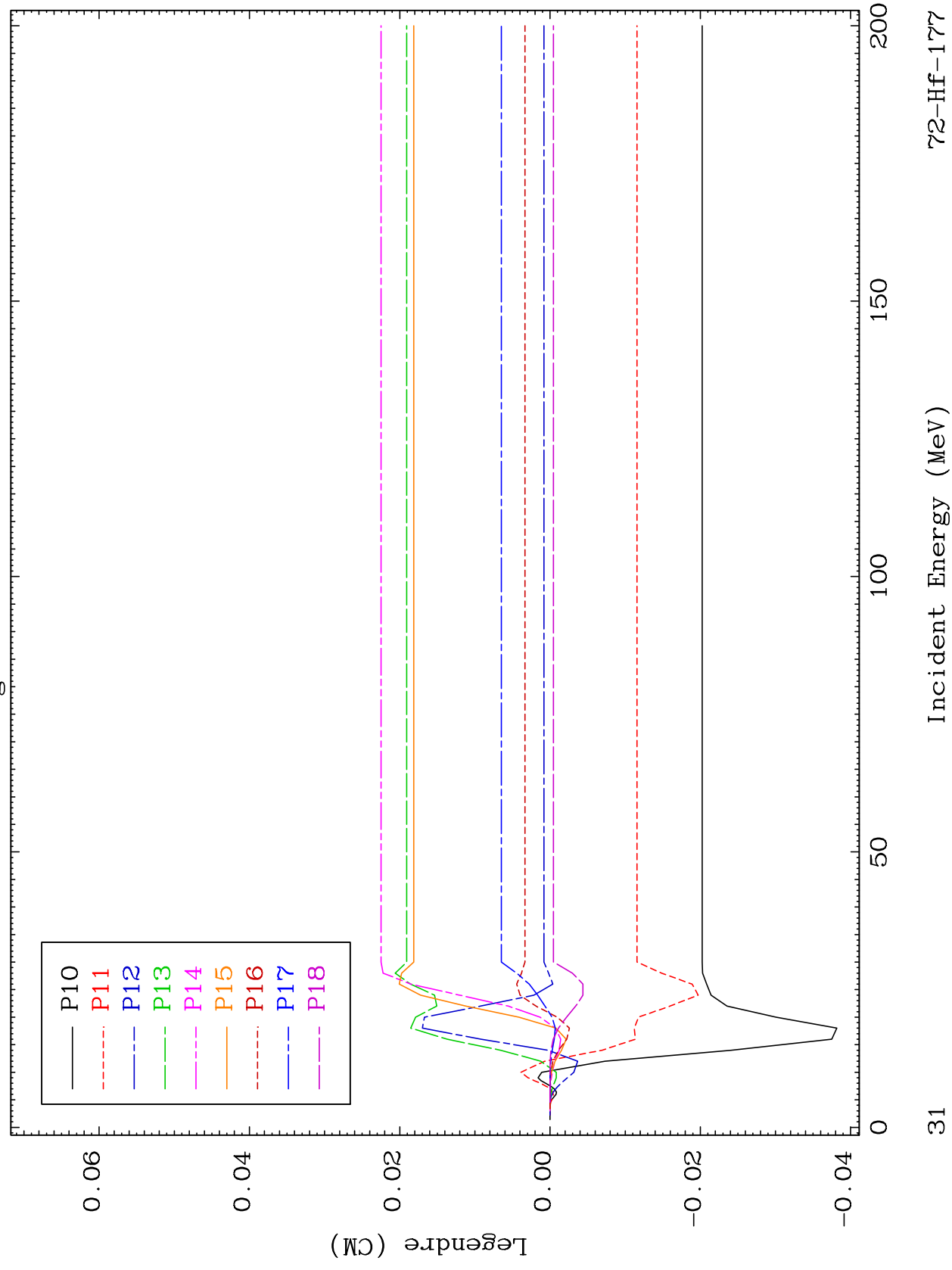


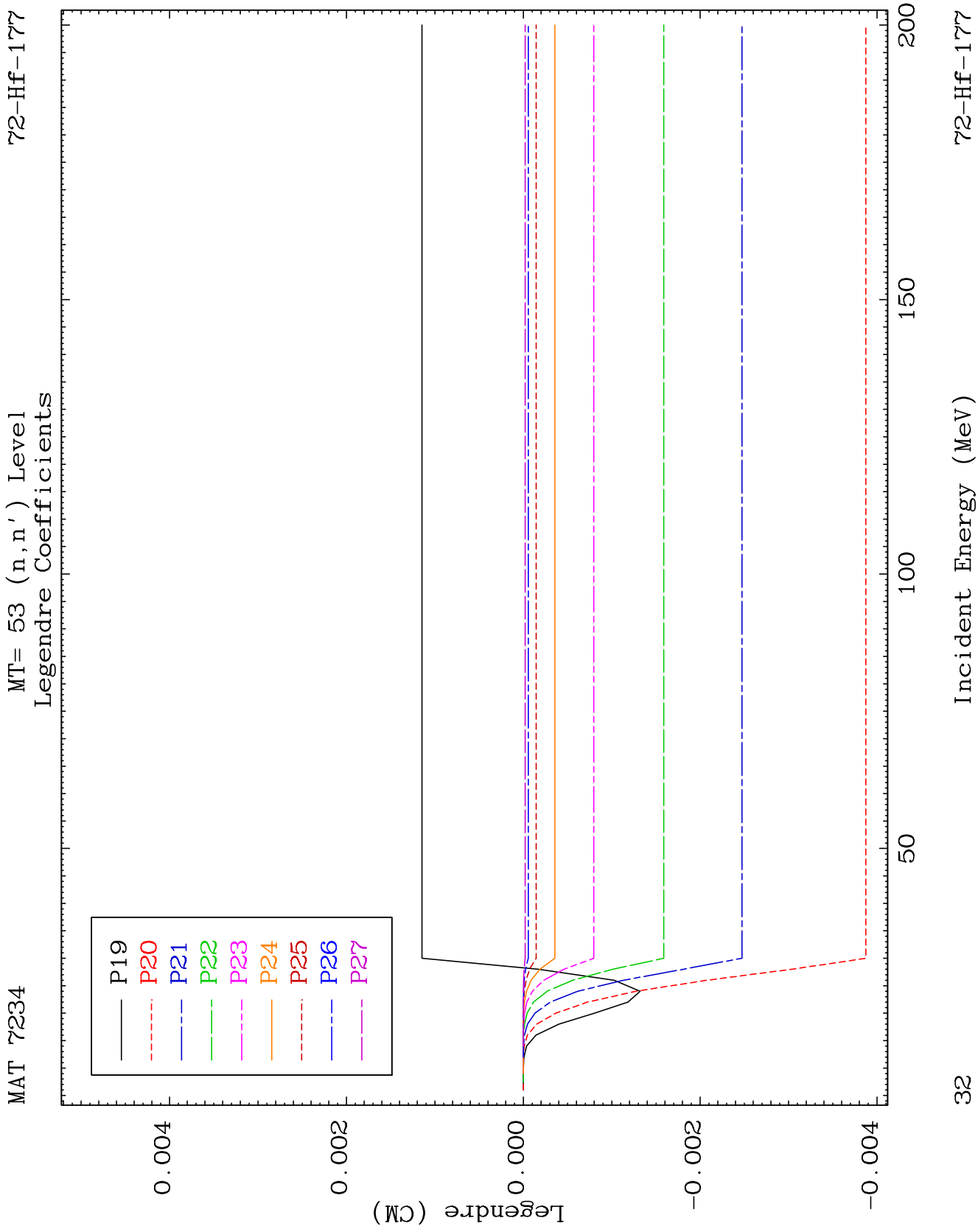


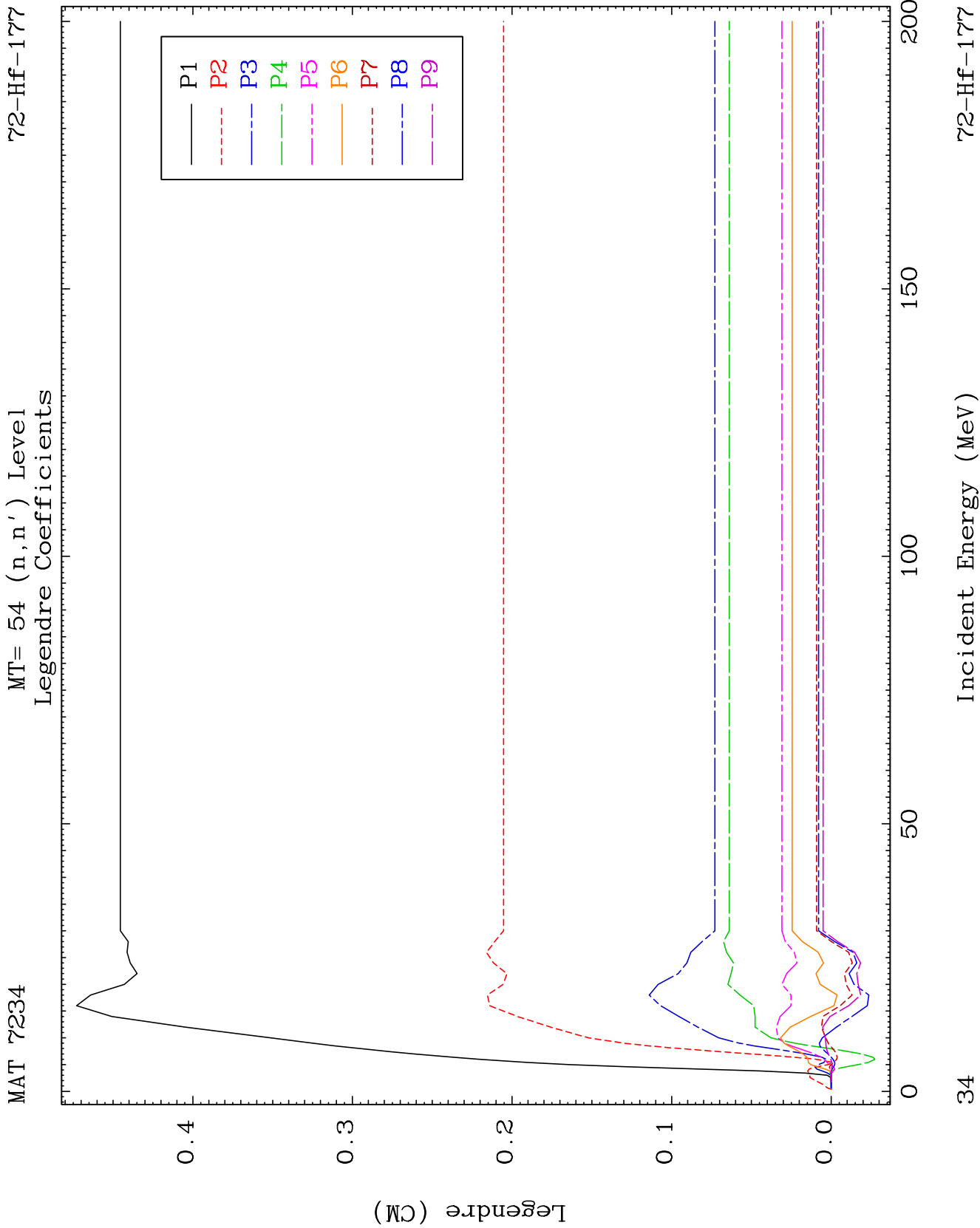
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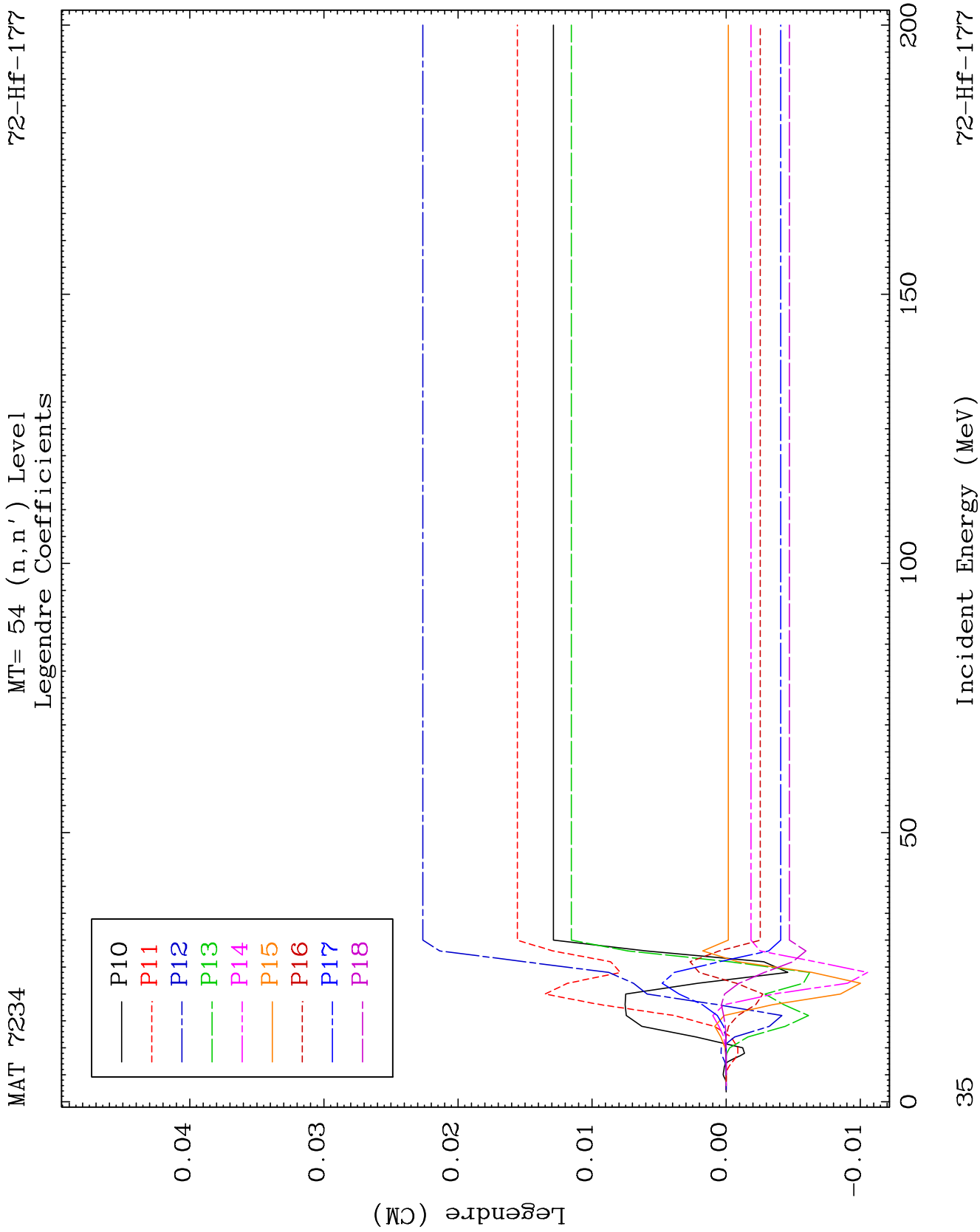
MT= 53 (n, n') Level
Legendre Coefficients

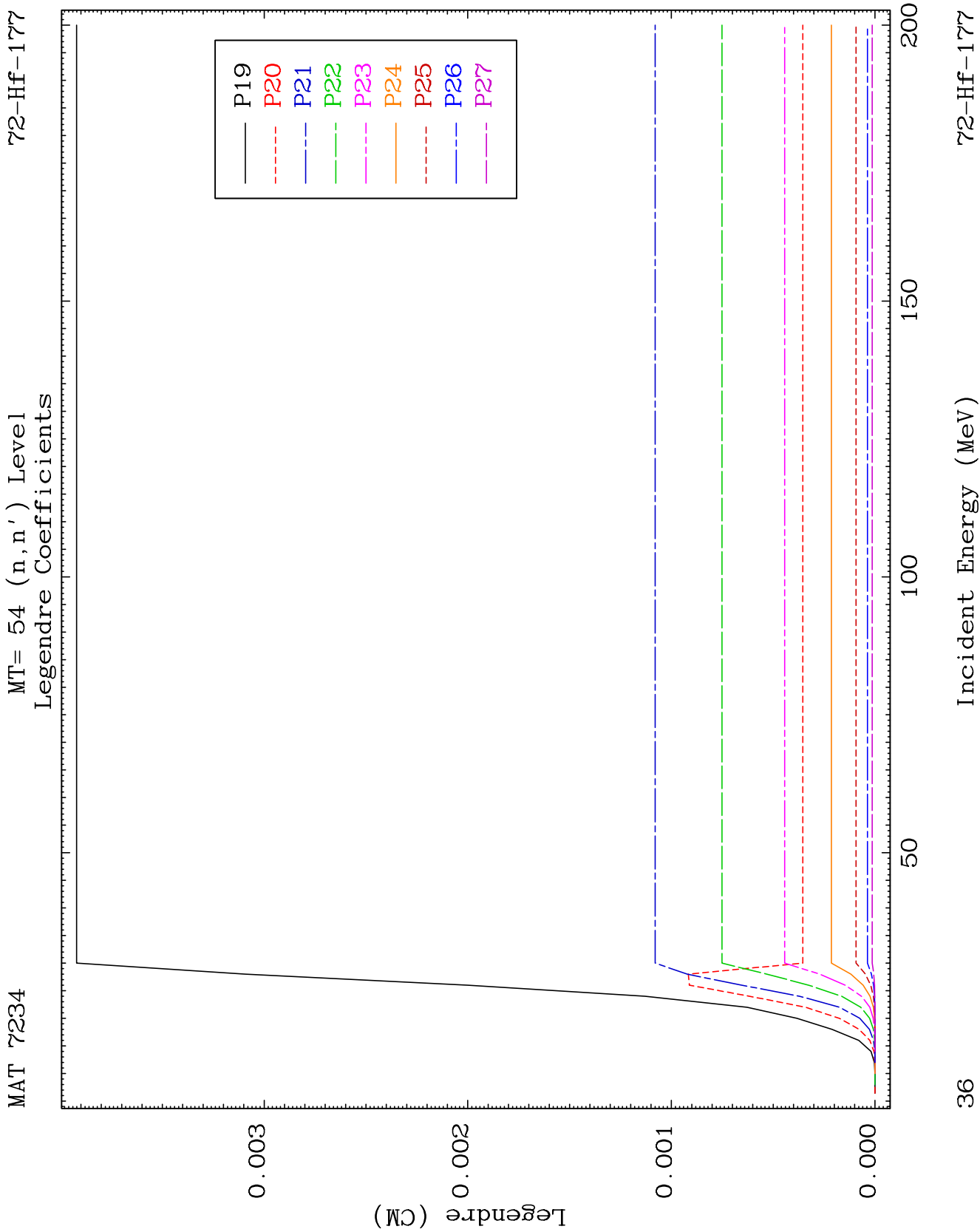
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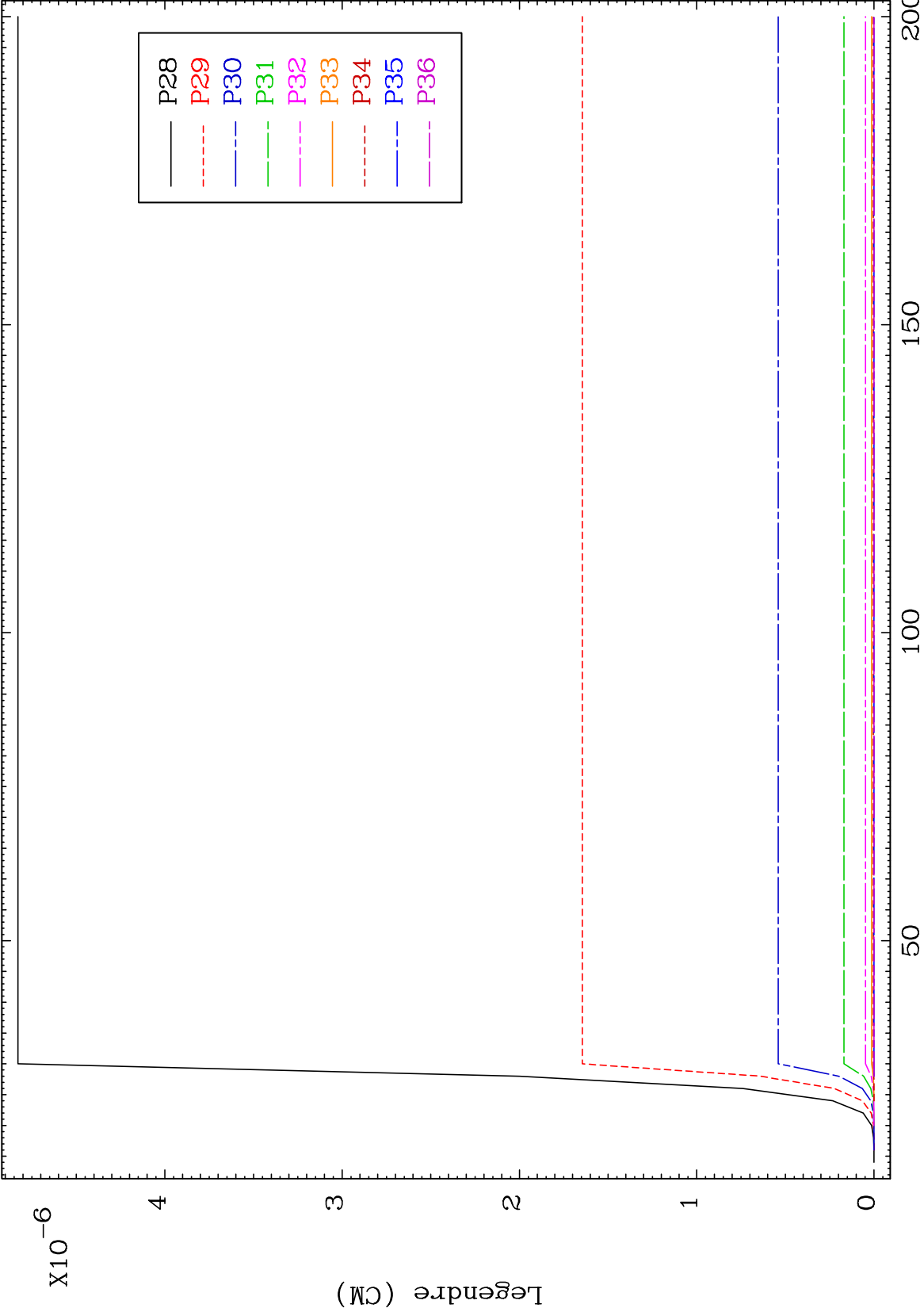


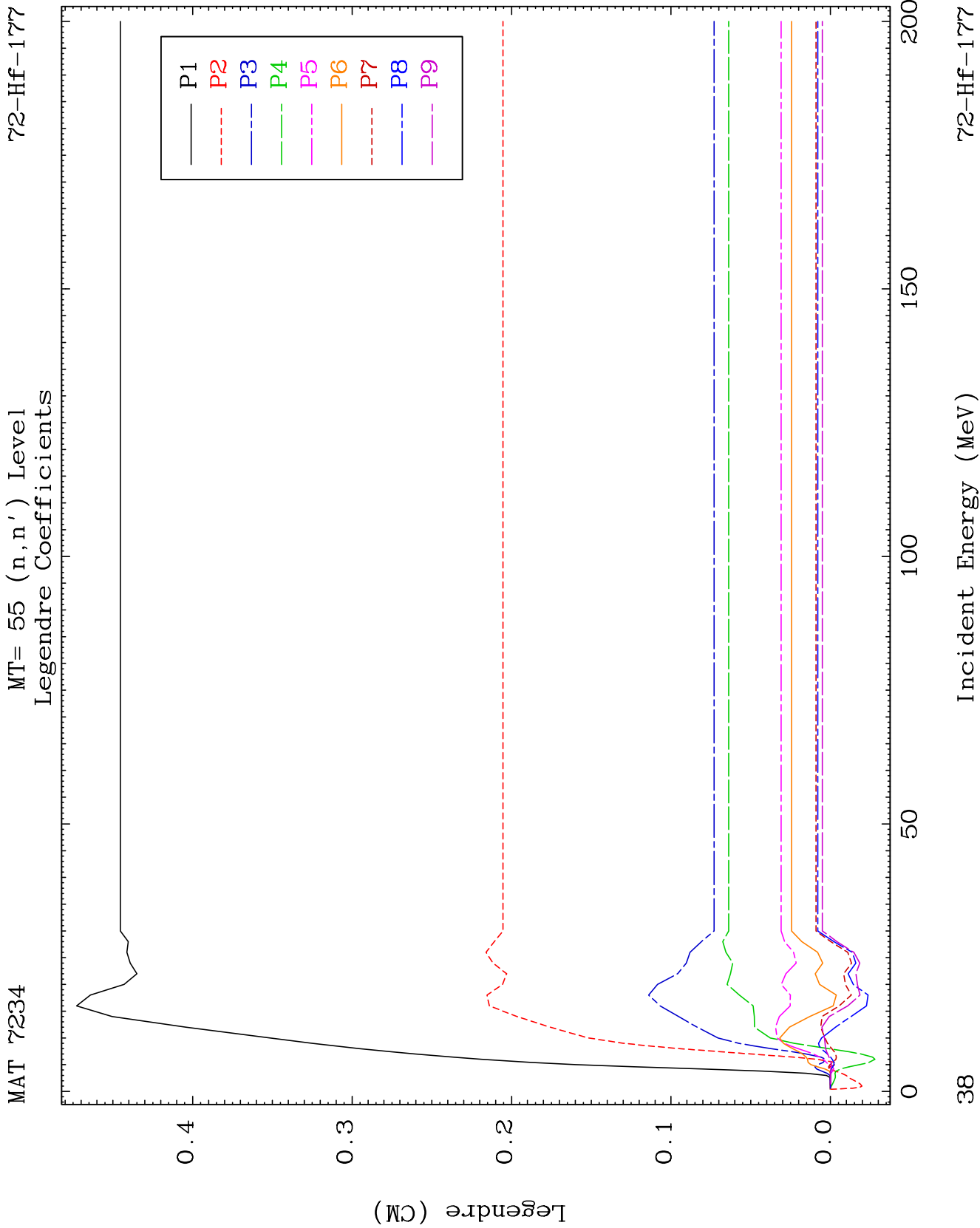


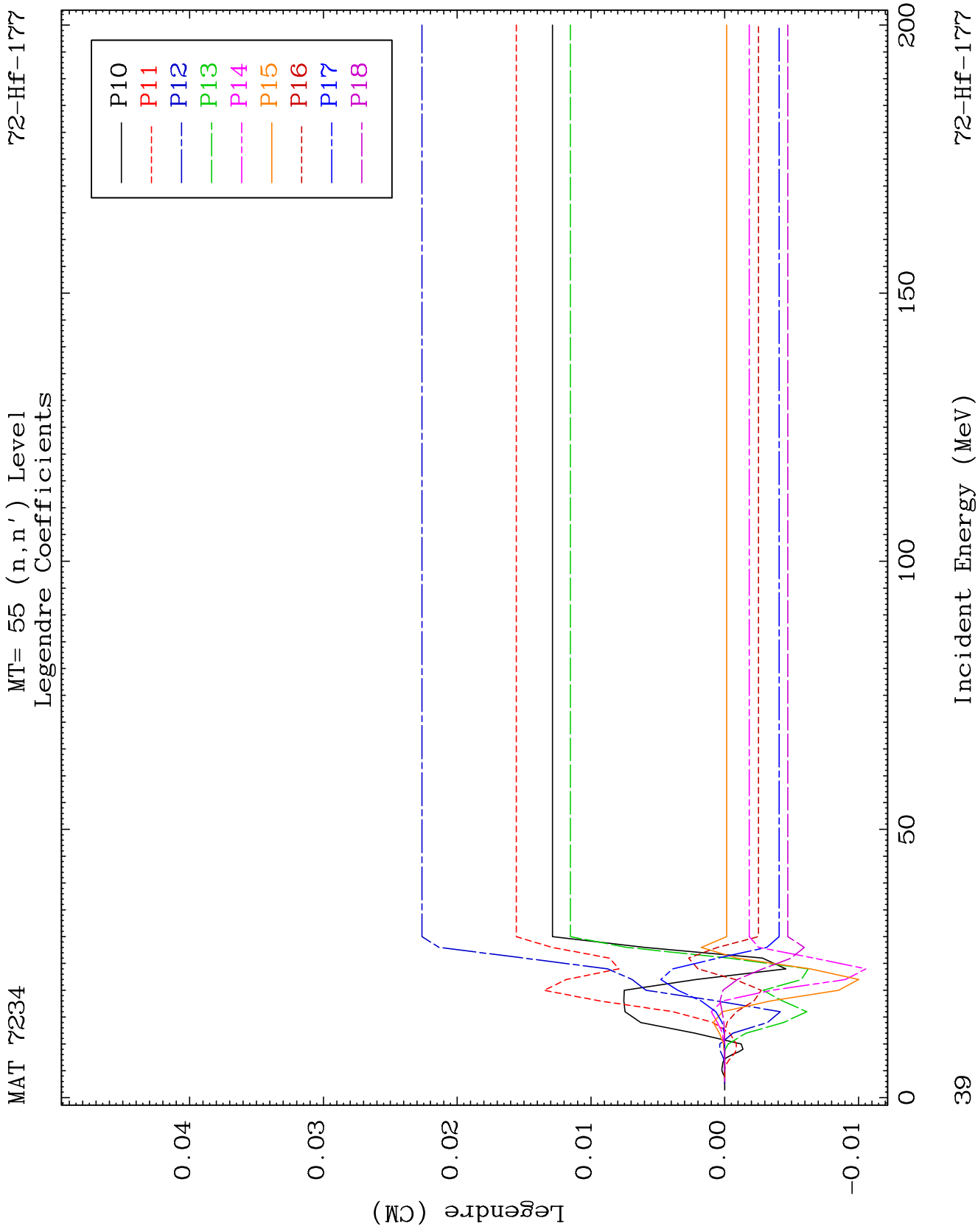


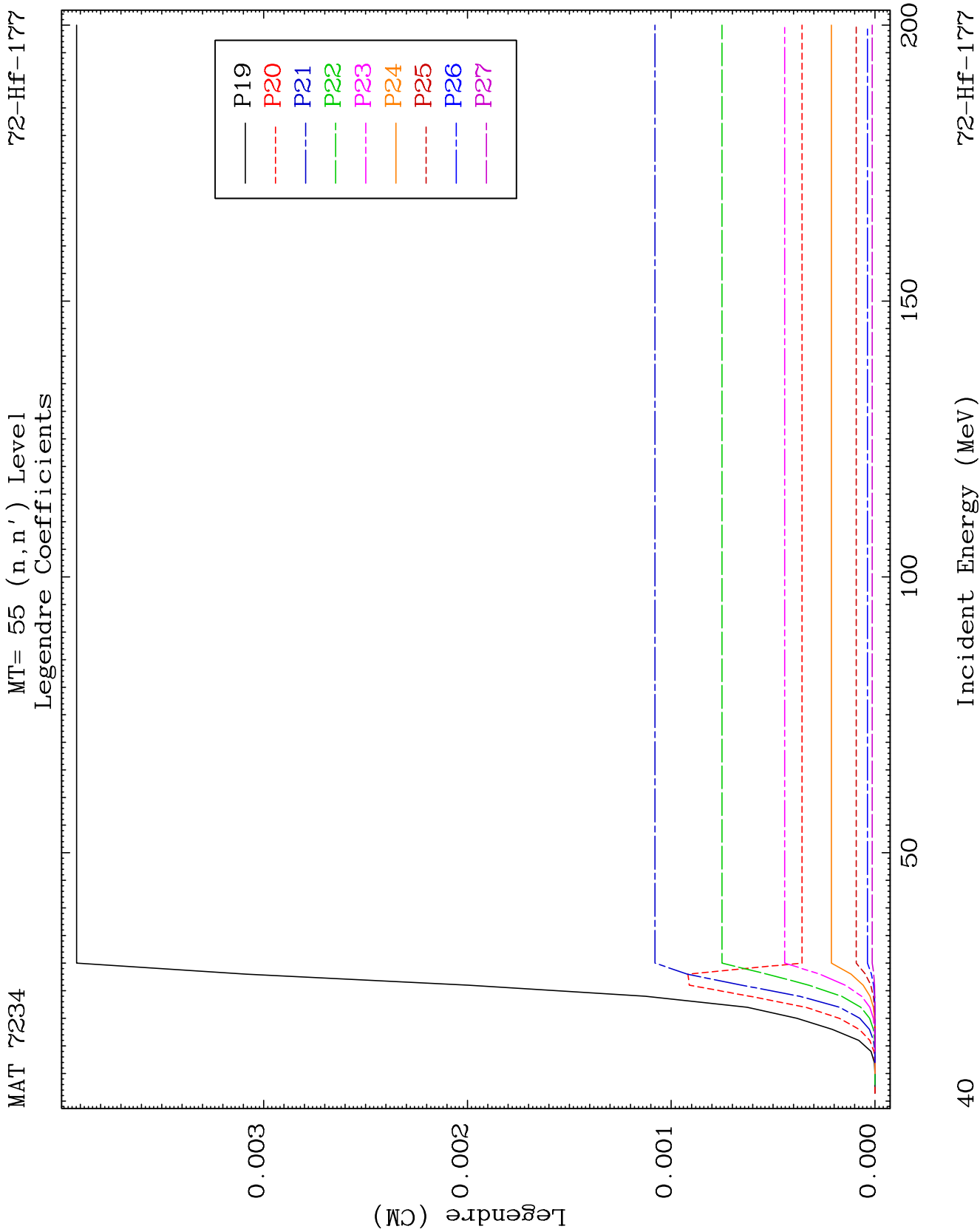


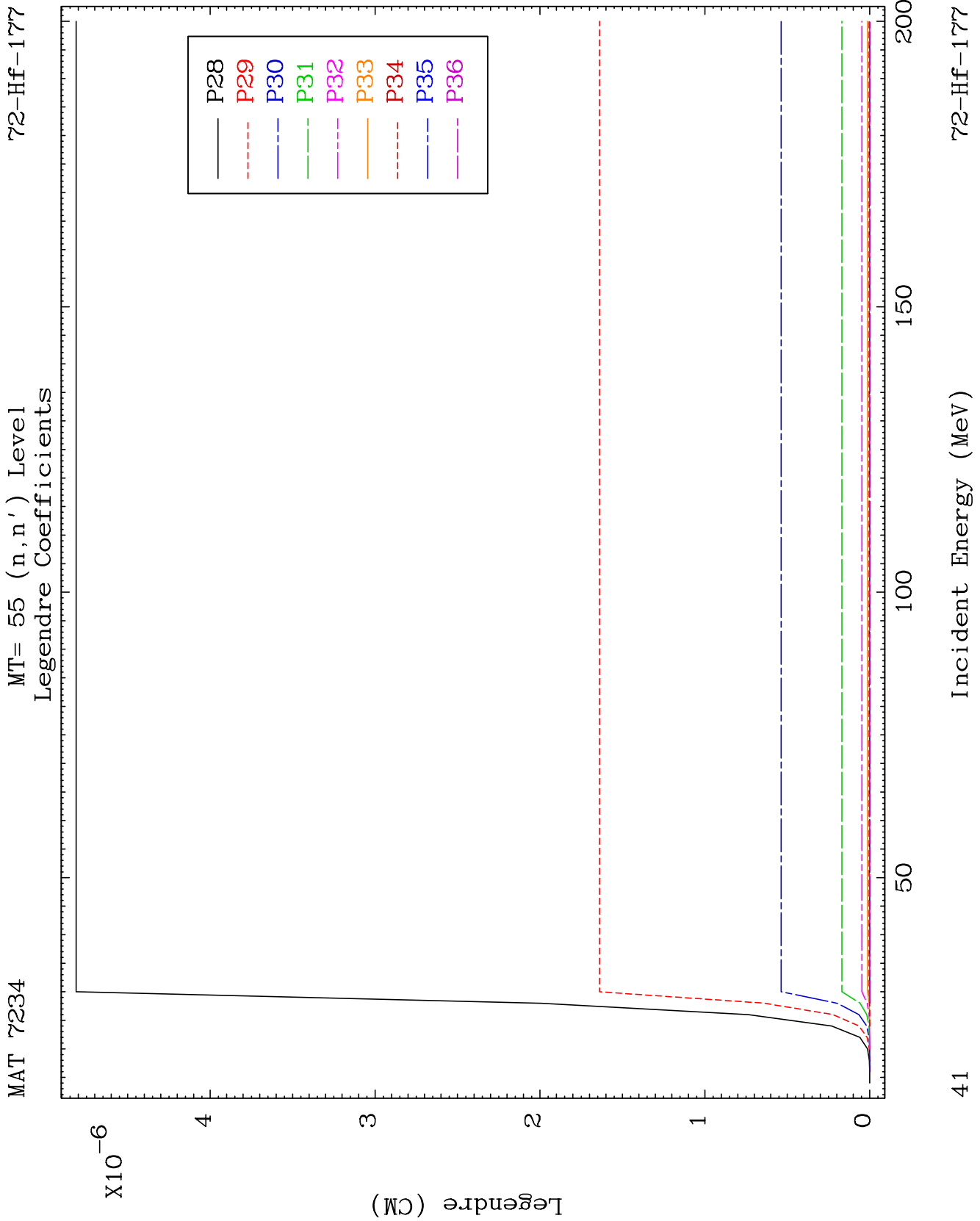


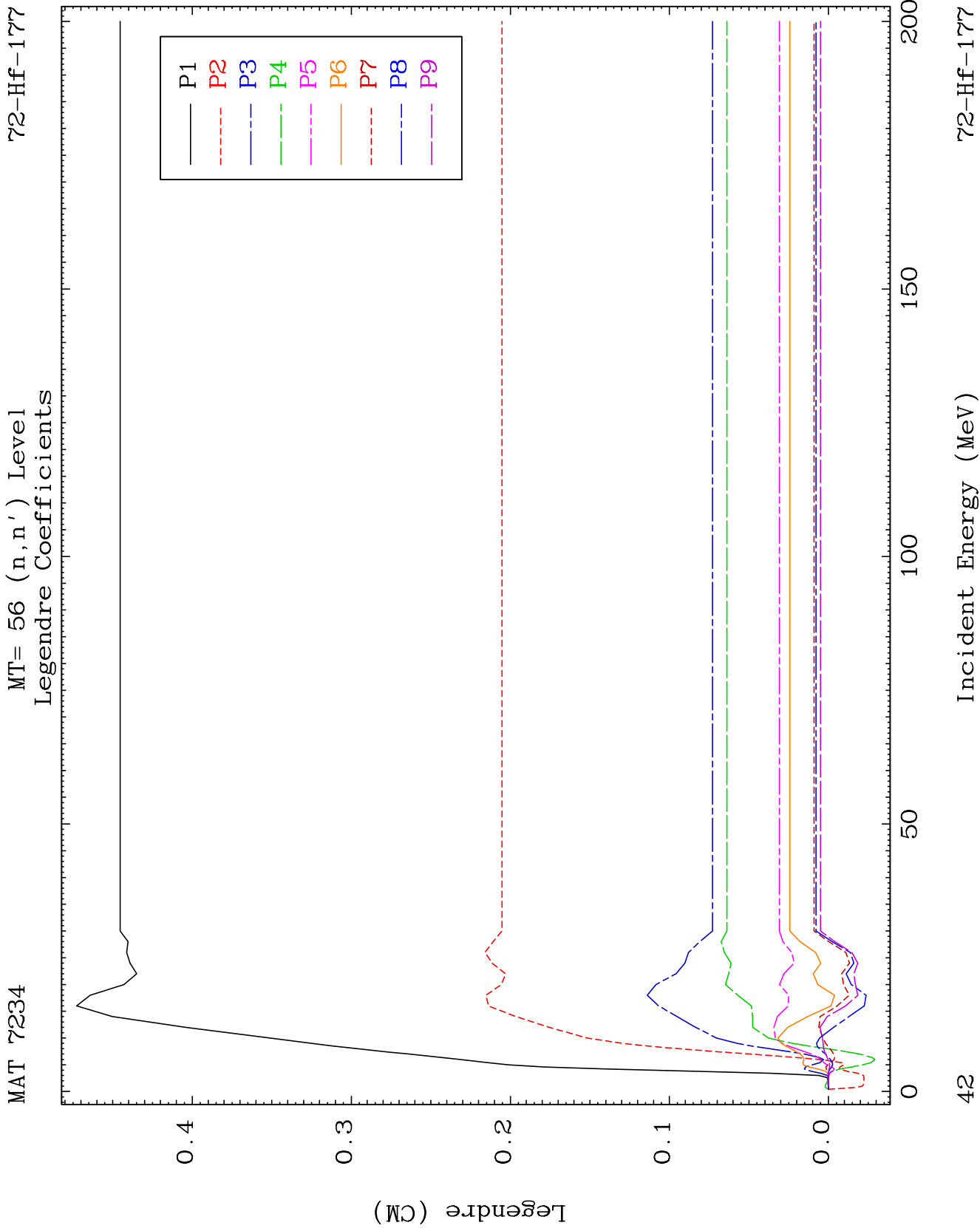








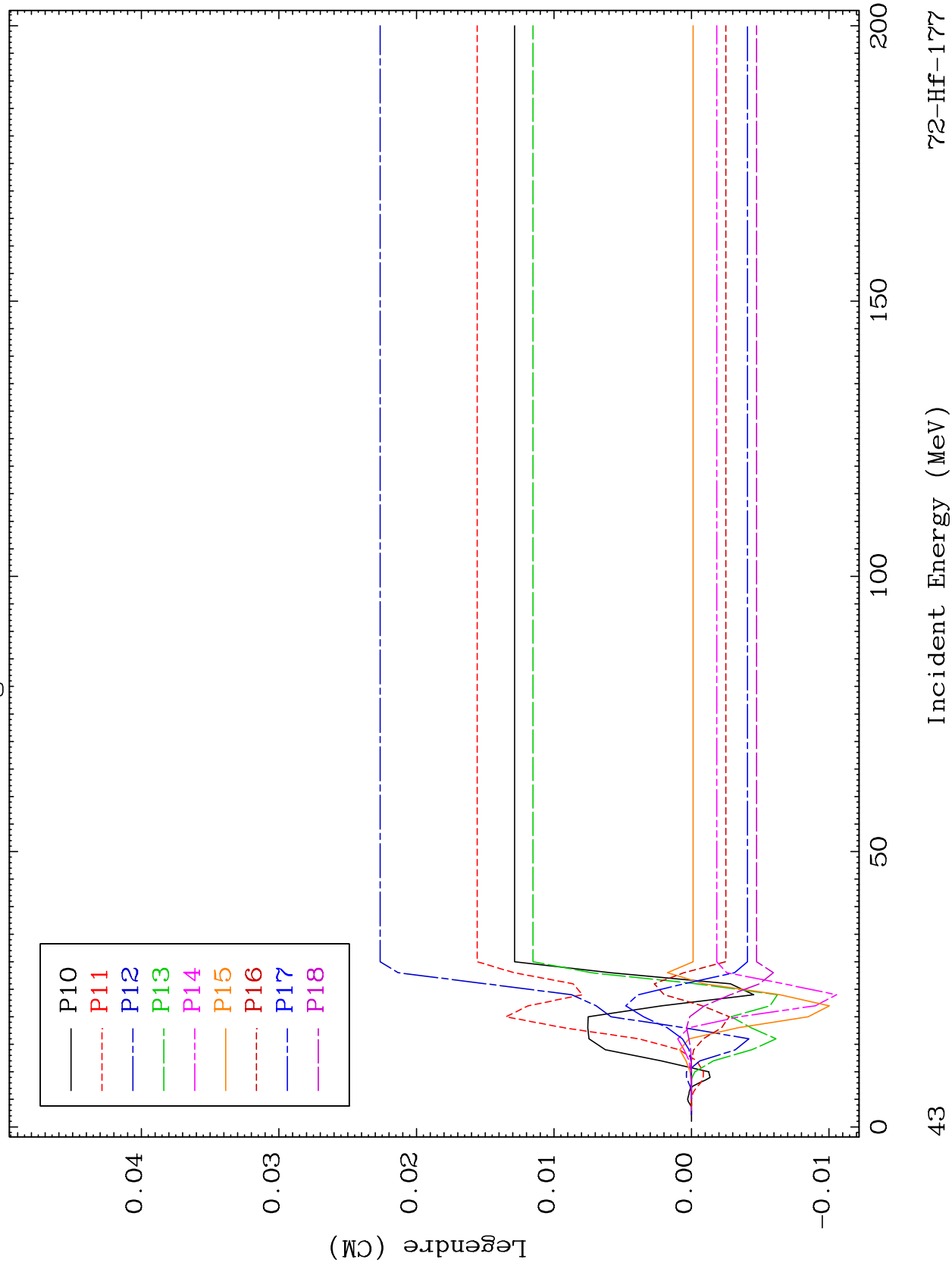


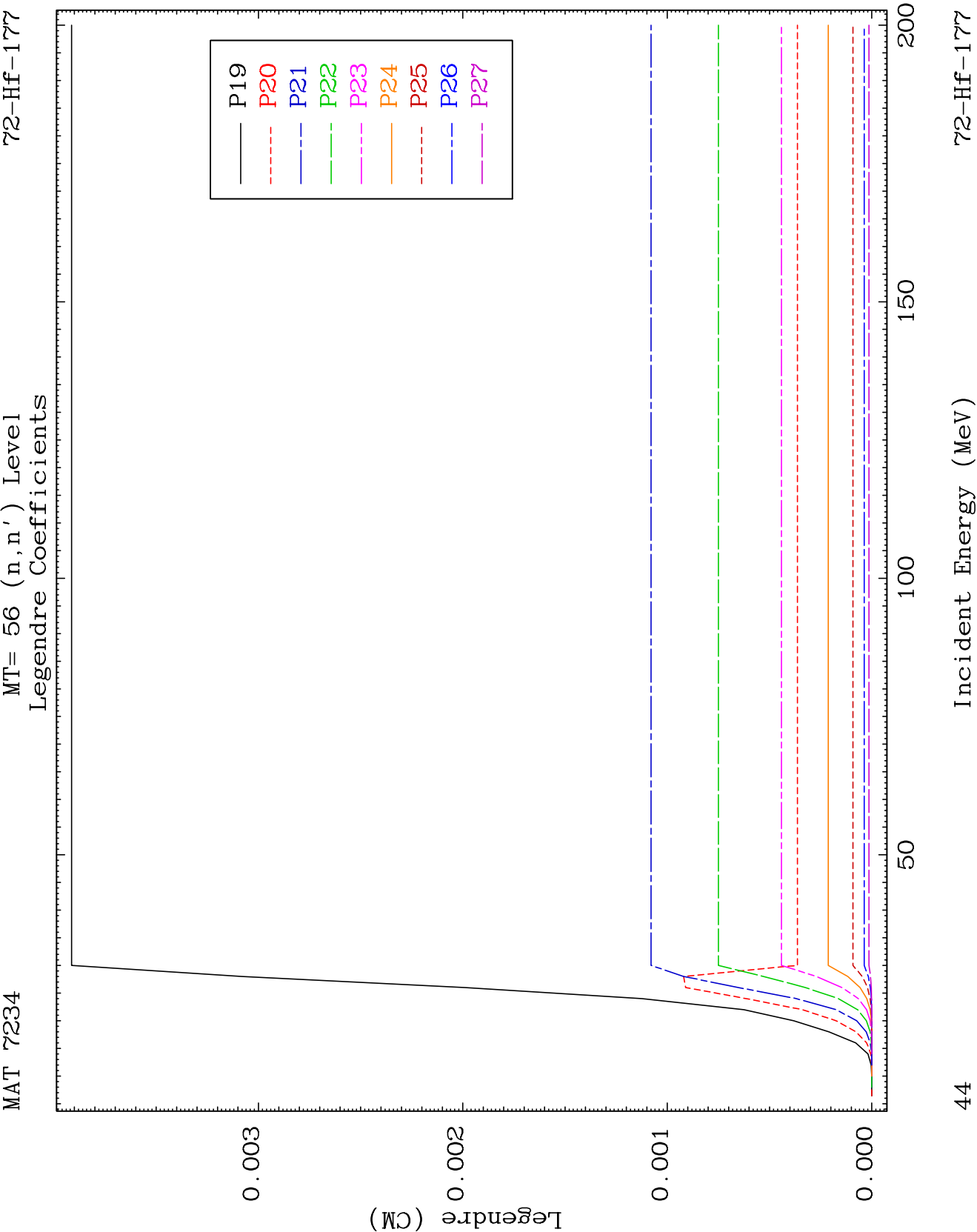


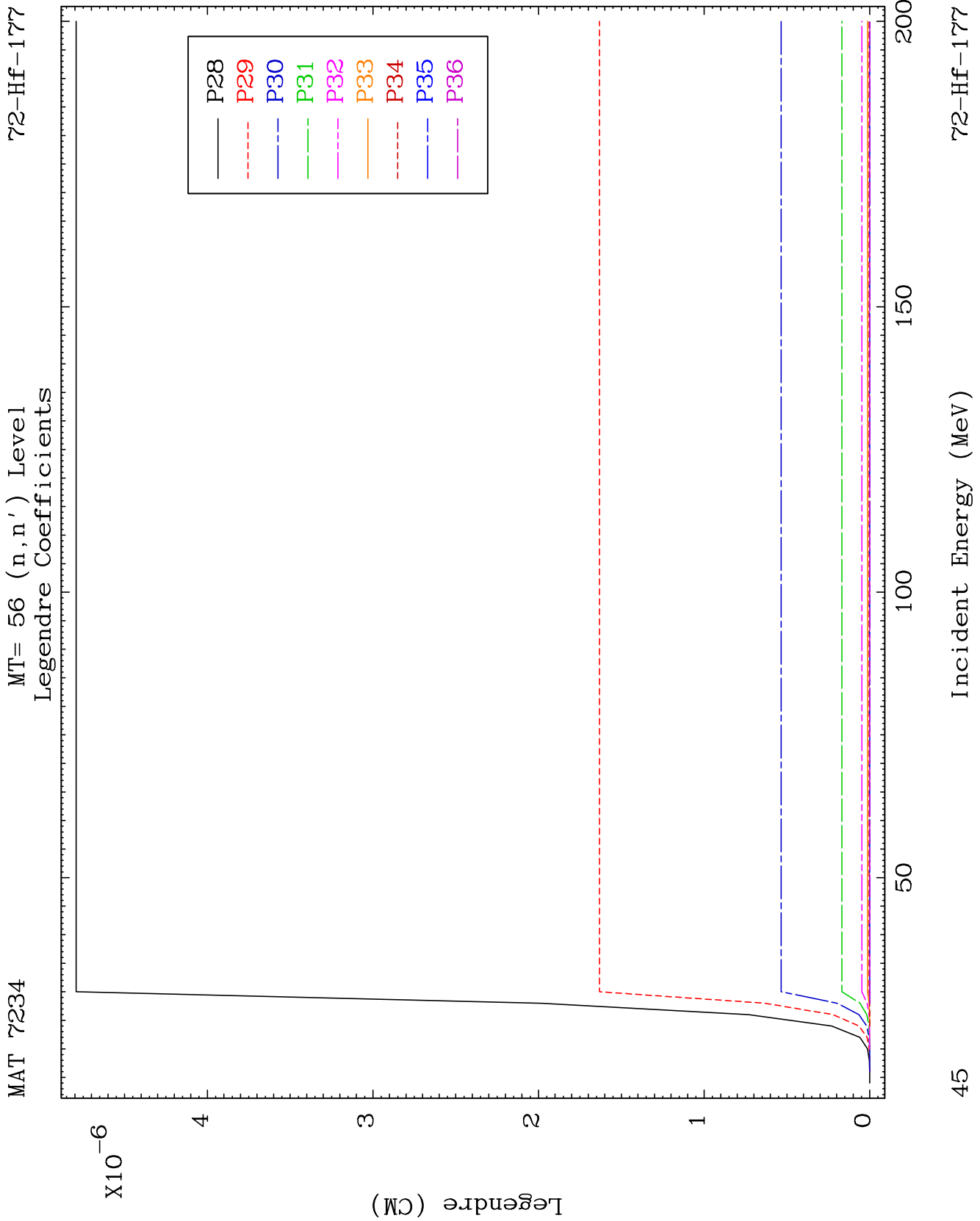
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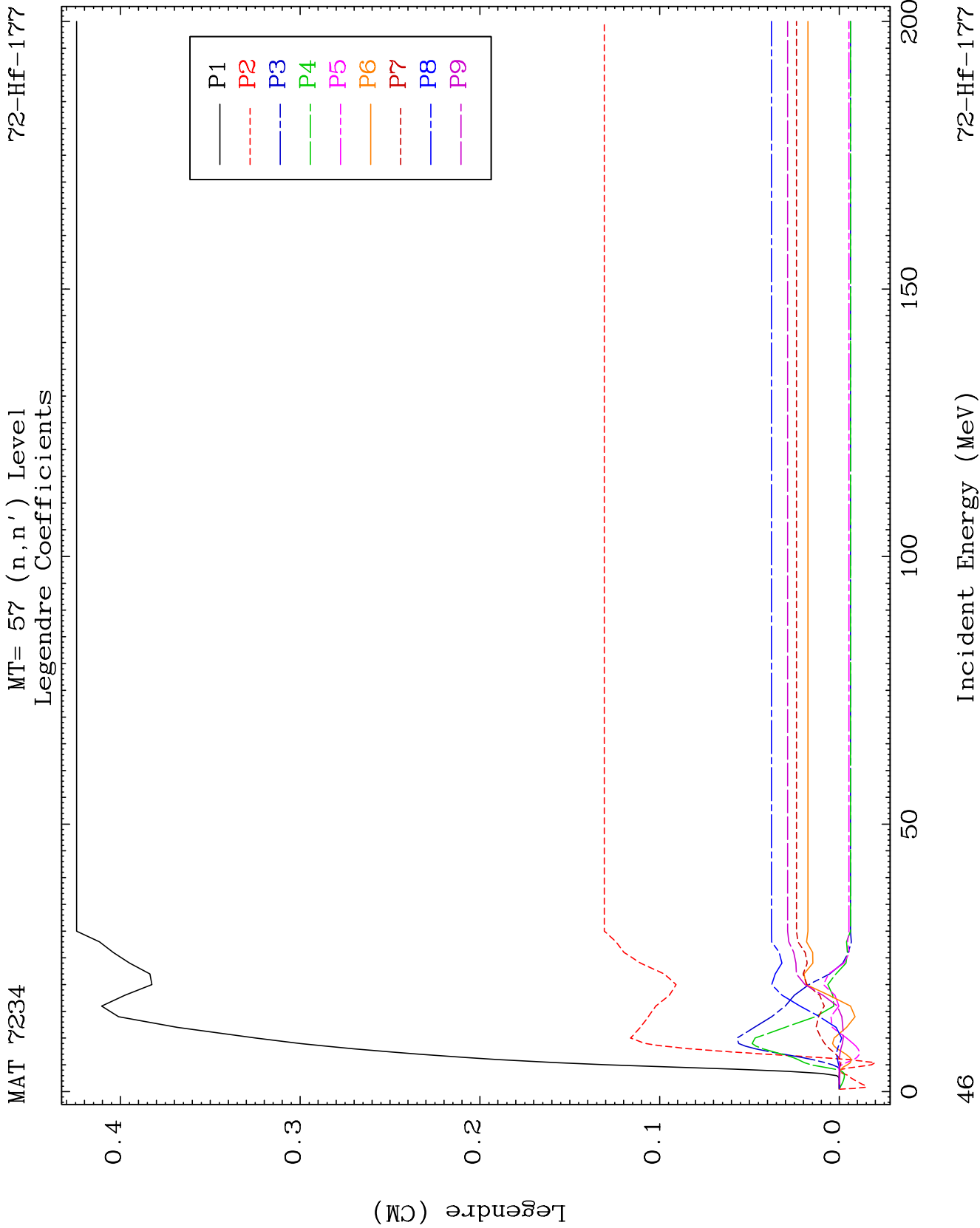
MT= 56 (n, n') Level
Legendre Coefficients

72-Hf-177





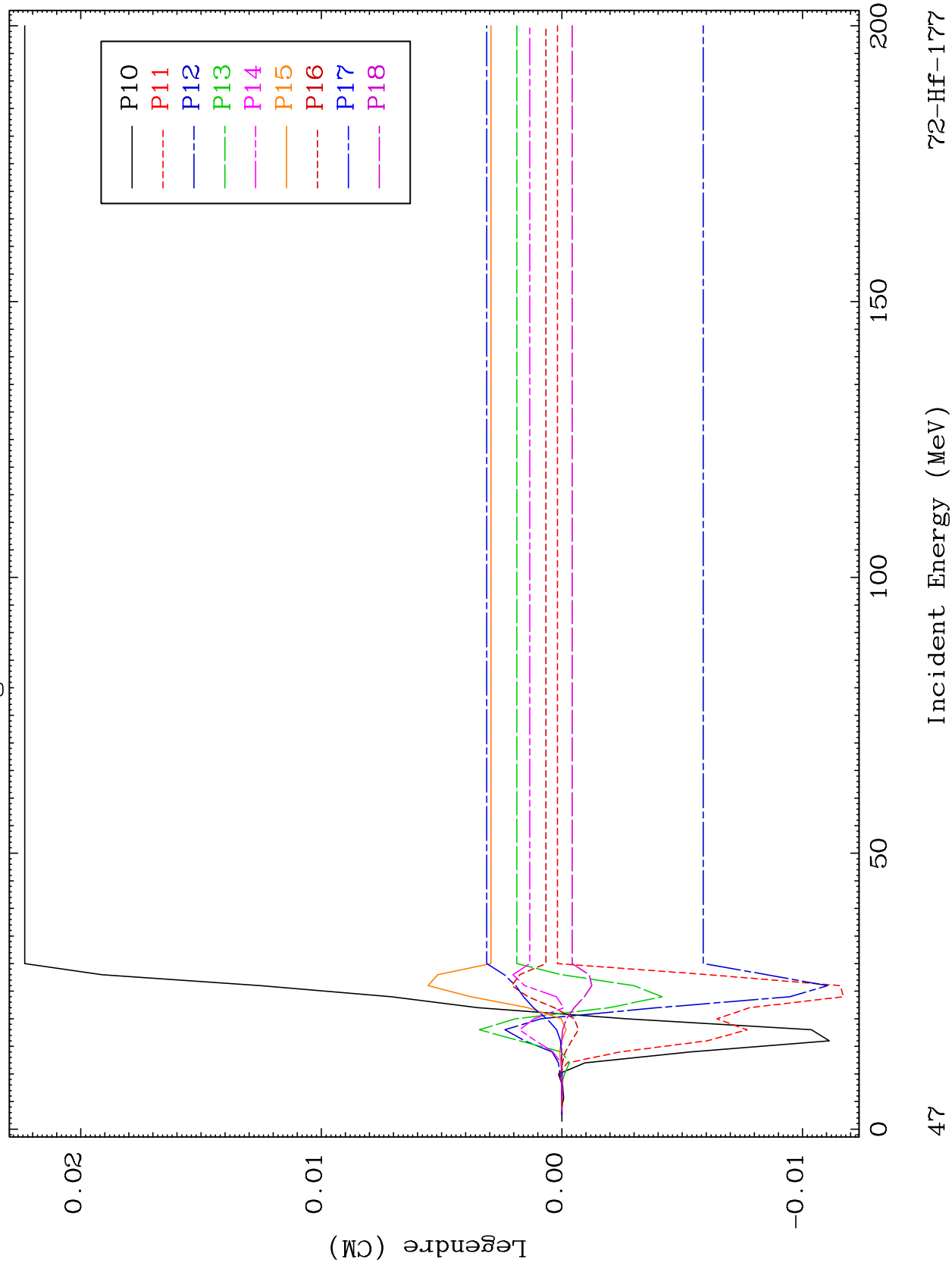


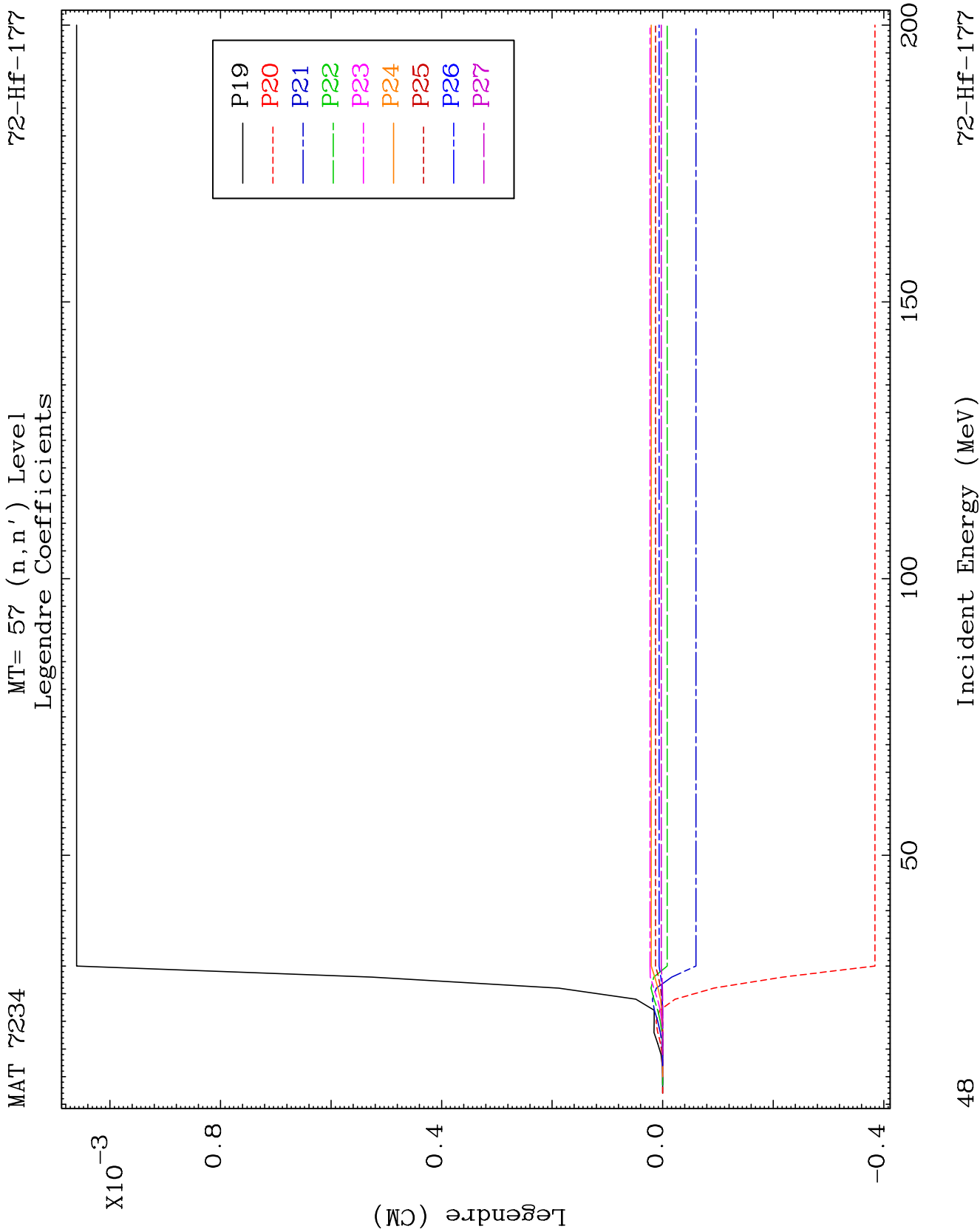


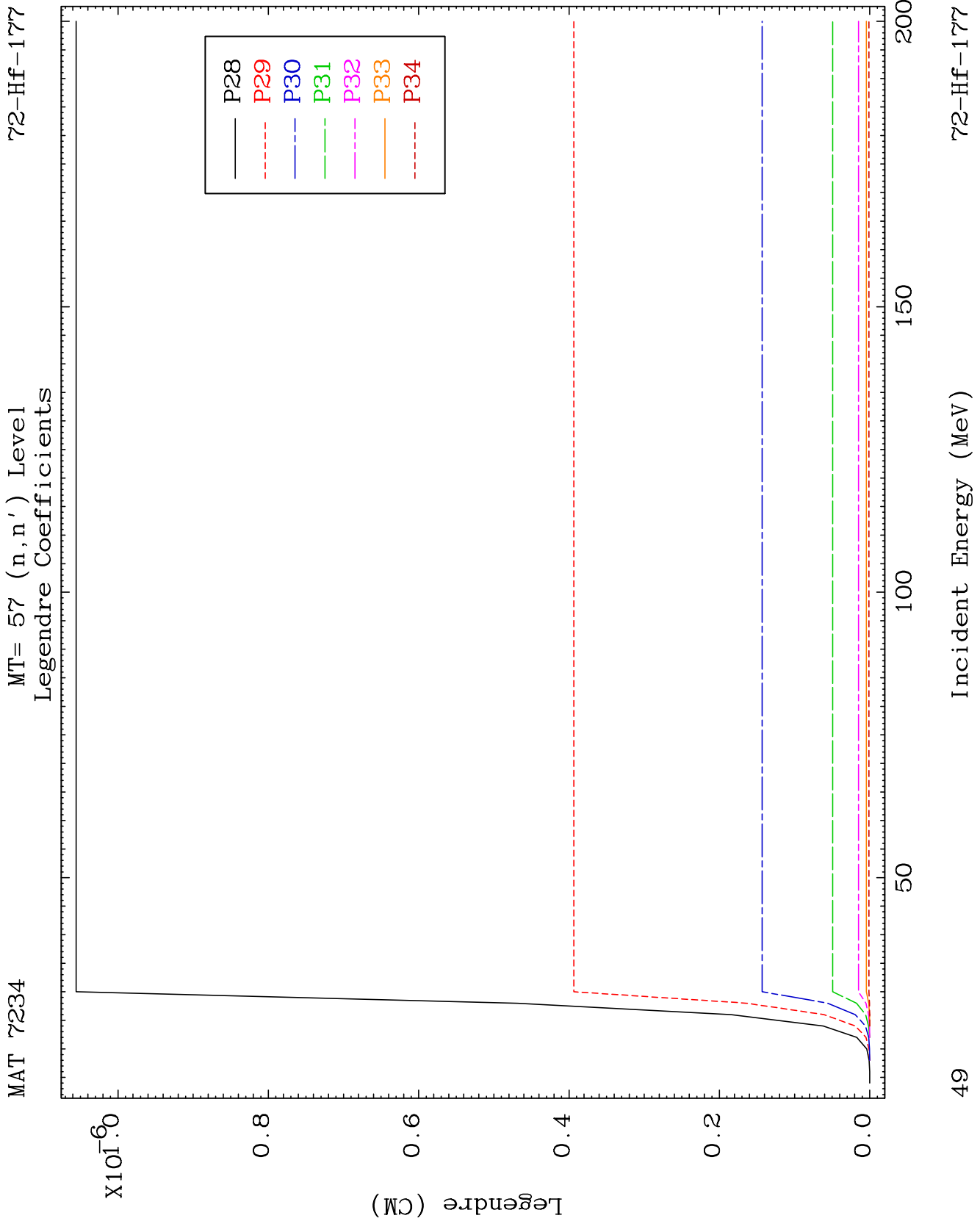
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MT= 57 (n, n') Level
Legendre Coefficients

72-Hf-177



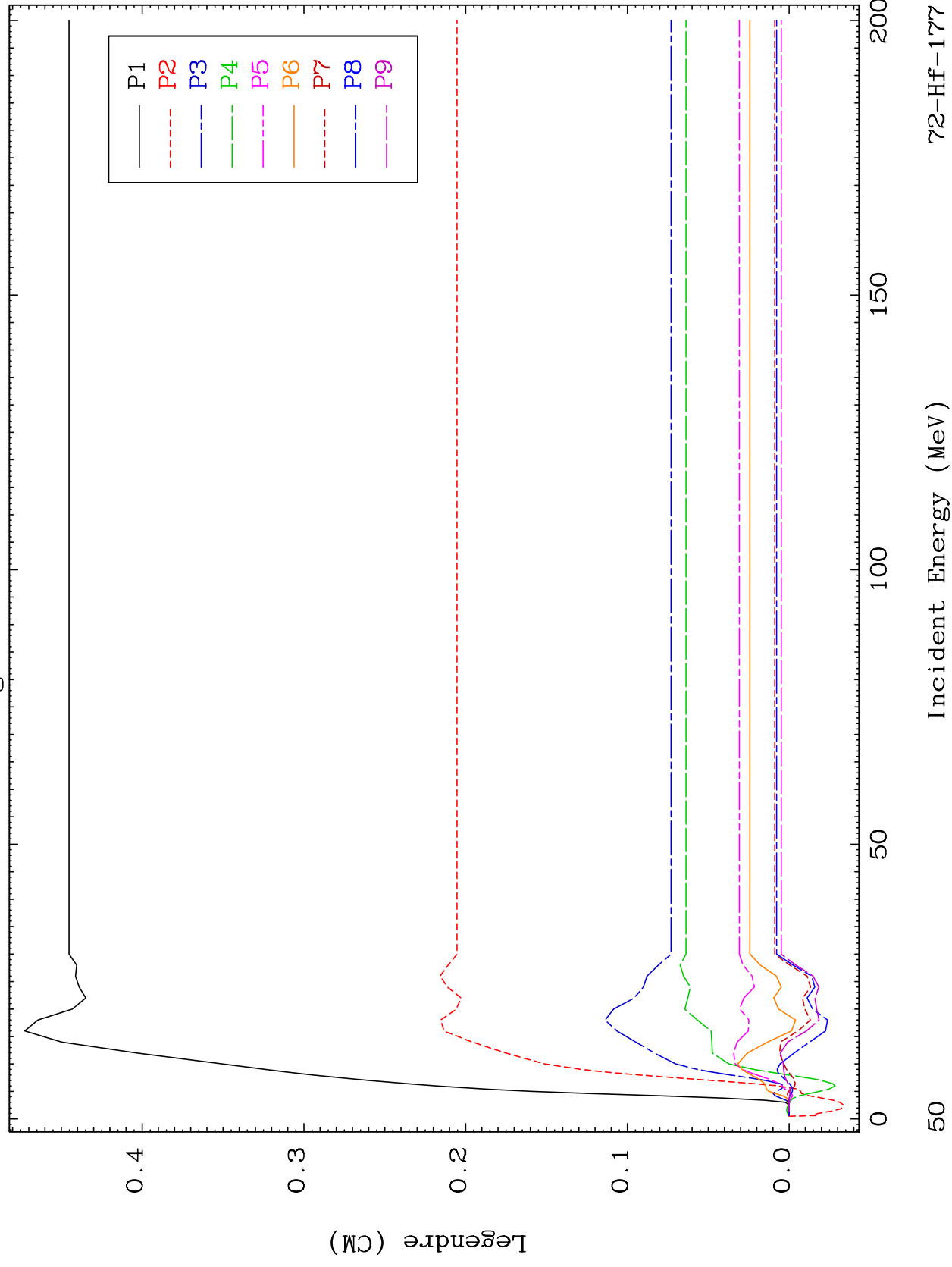


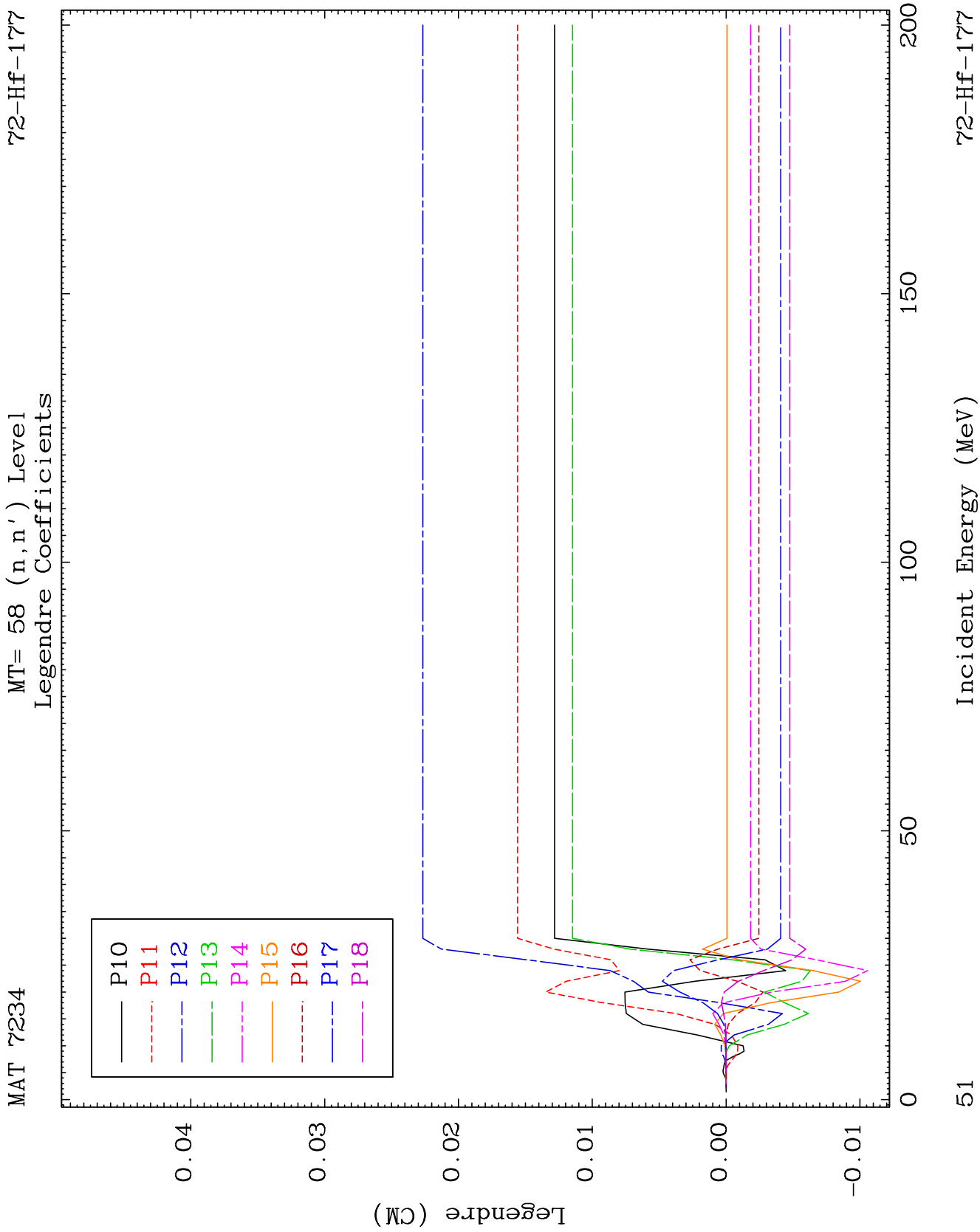


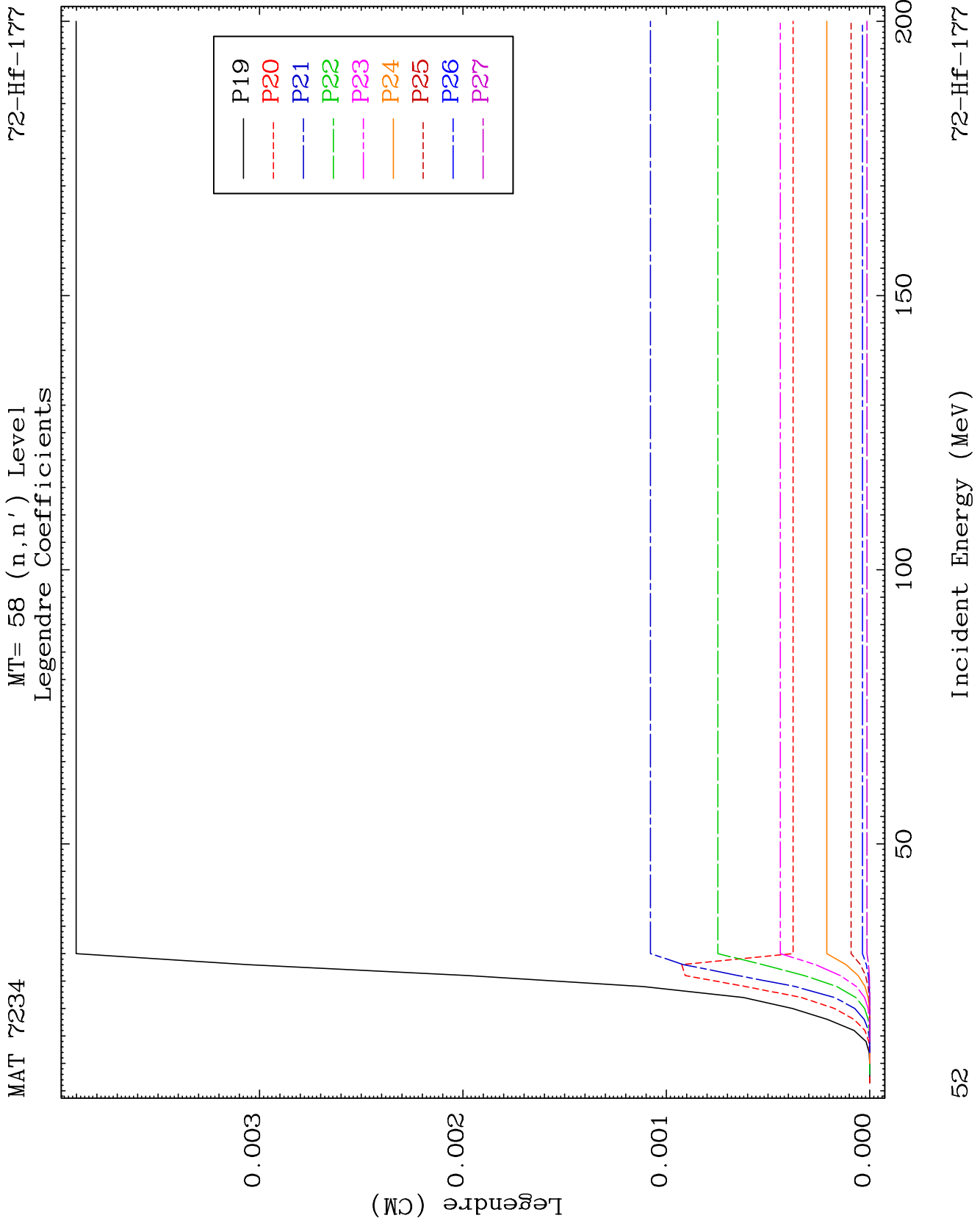
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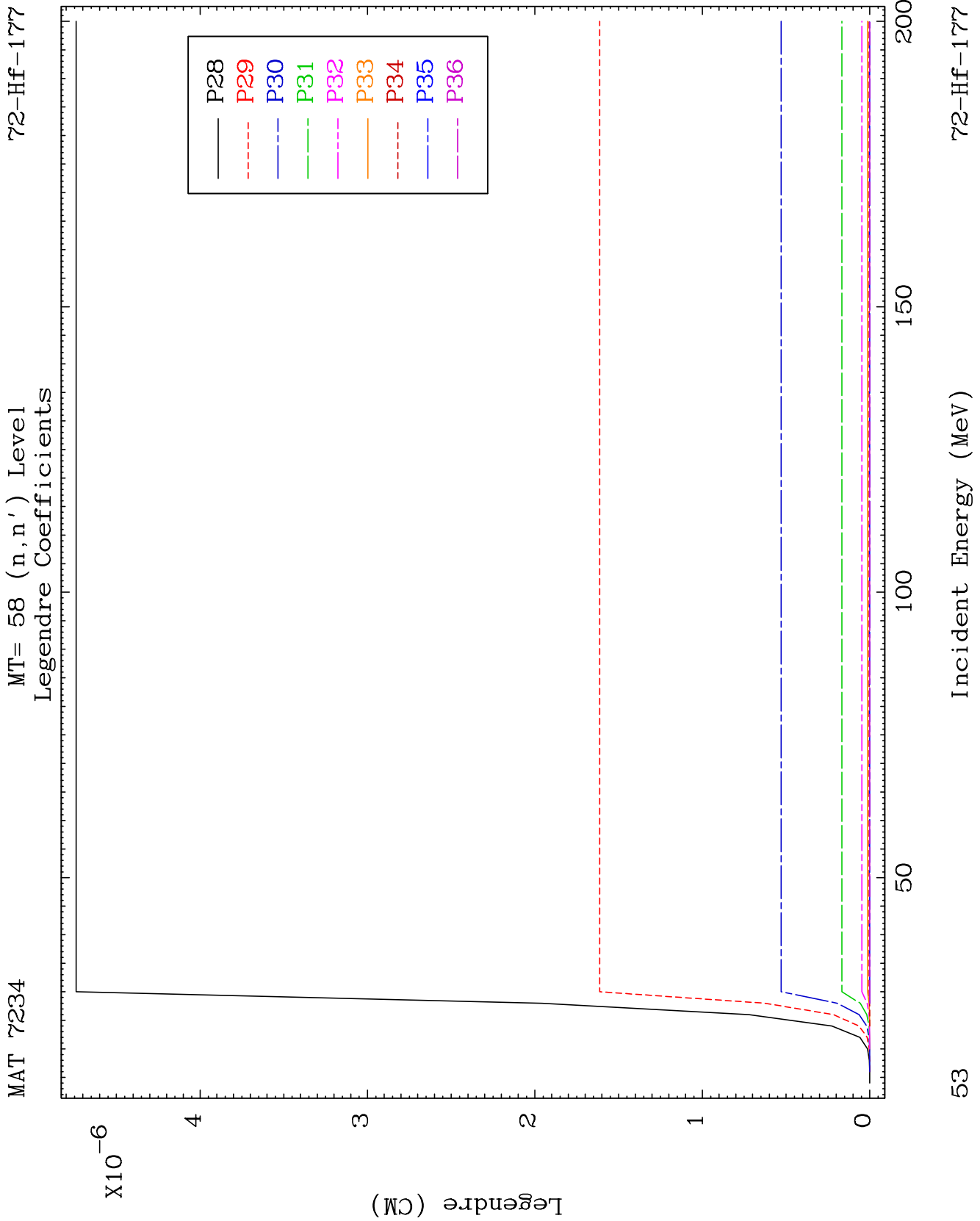
MT= 58 (n, n') Level
Legendre Coefficients

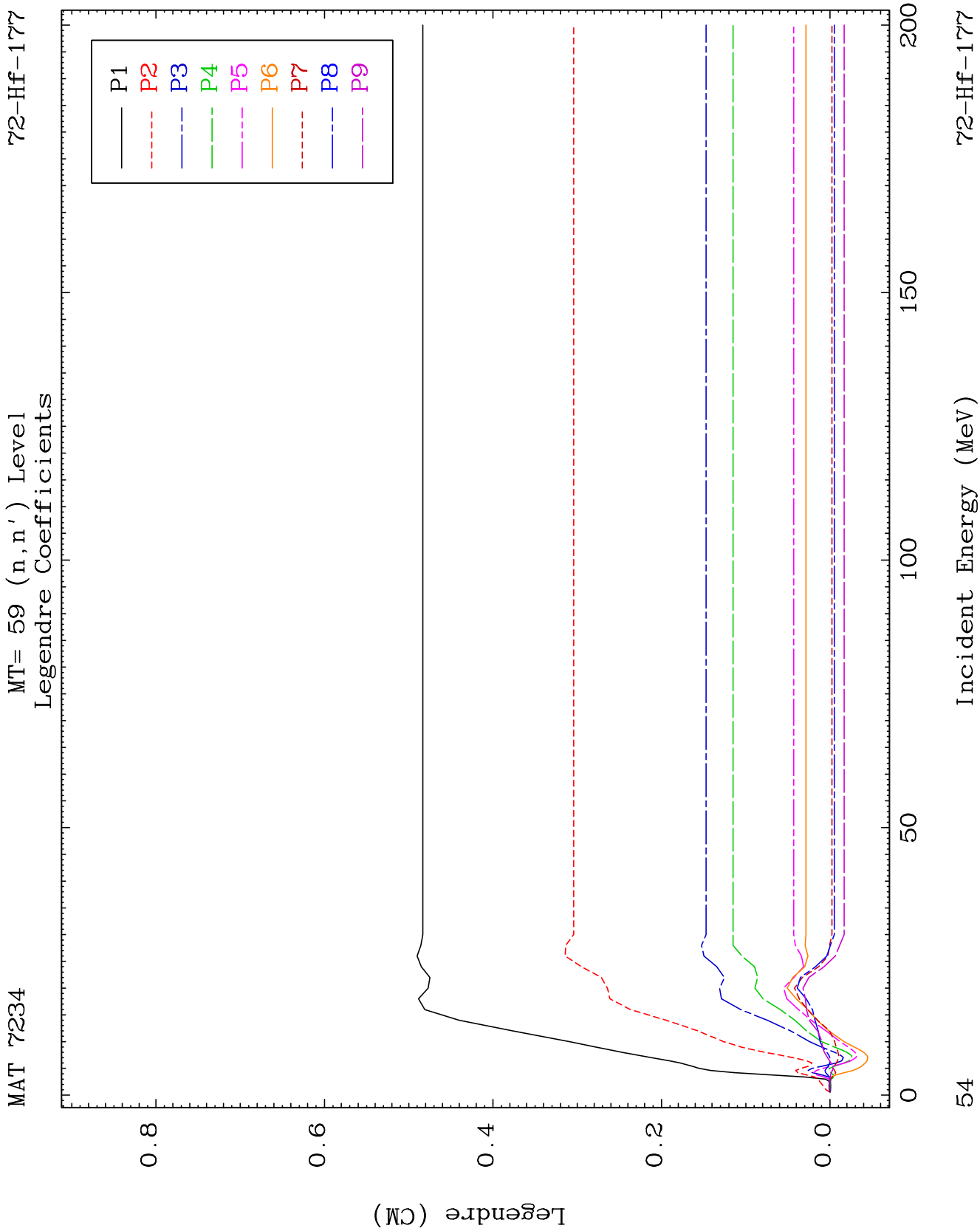
72-Hf-177

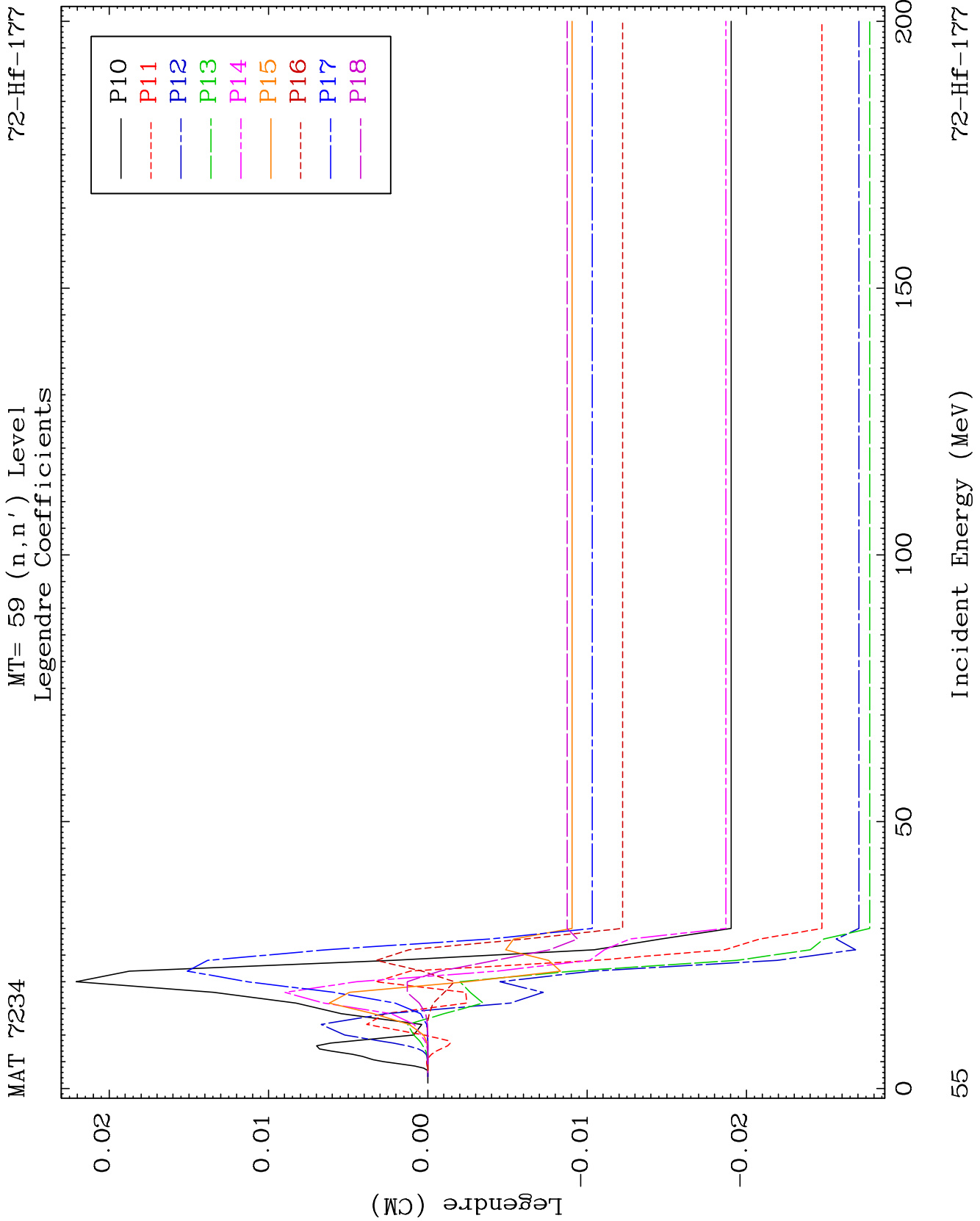








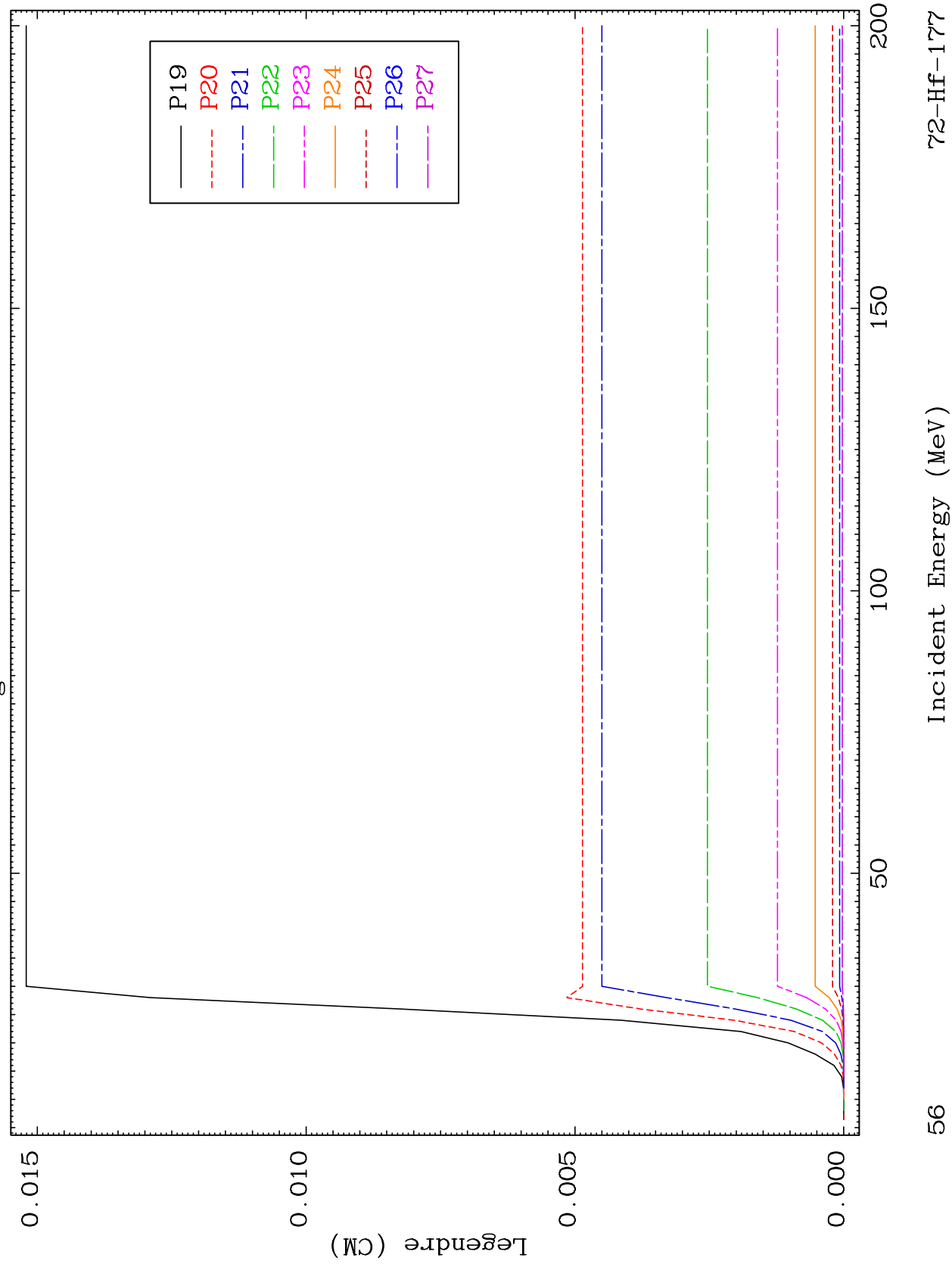


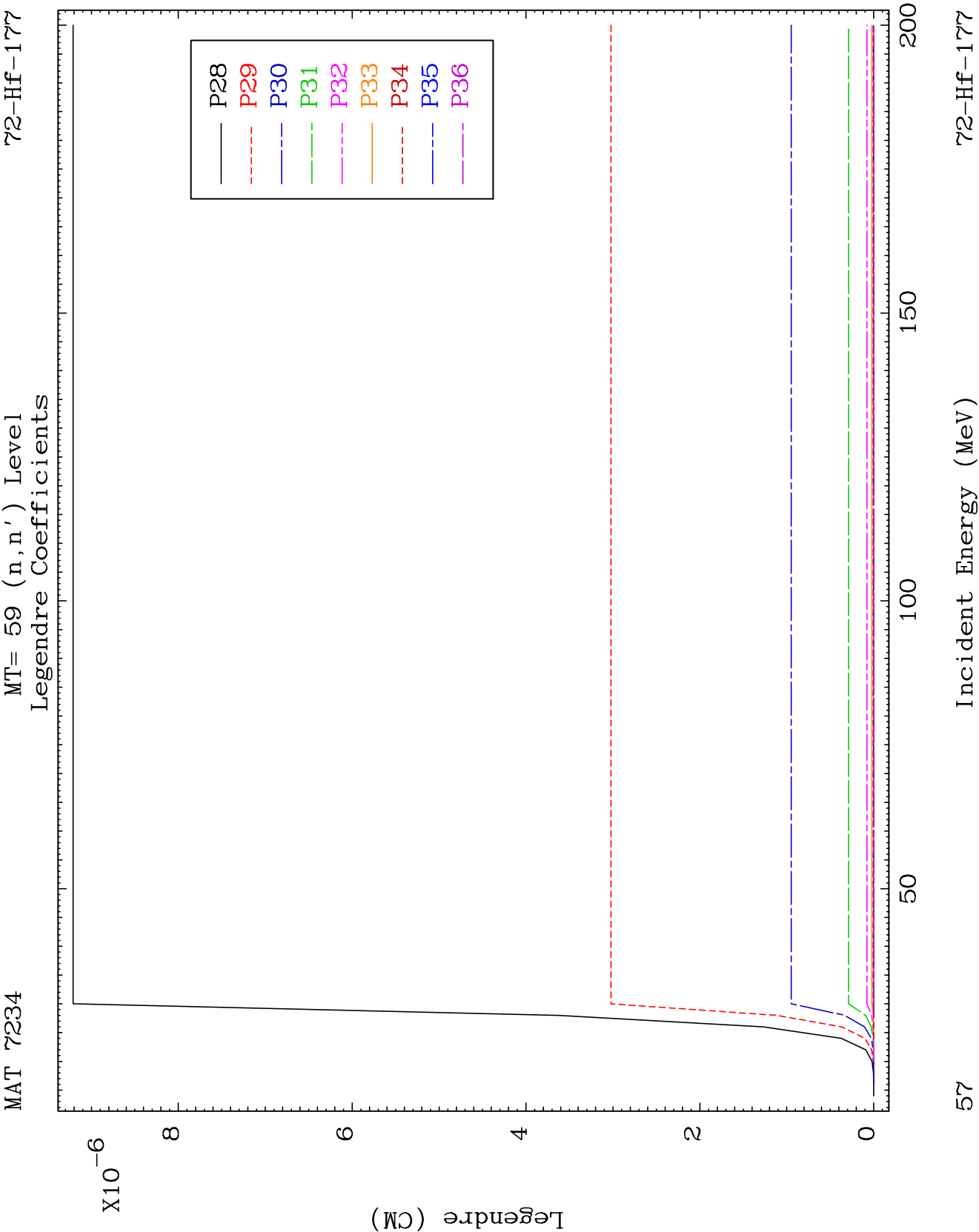


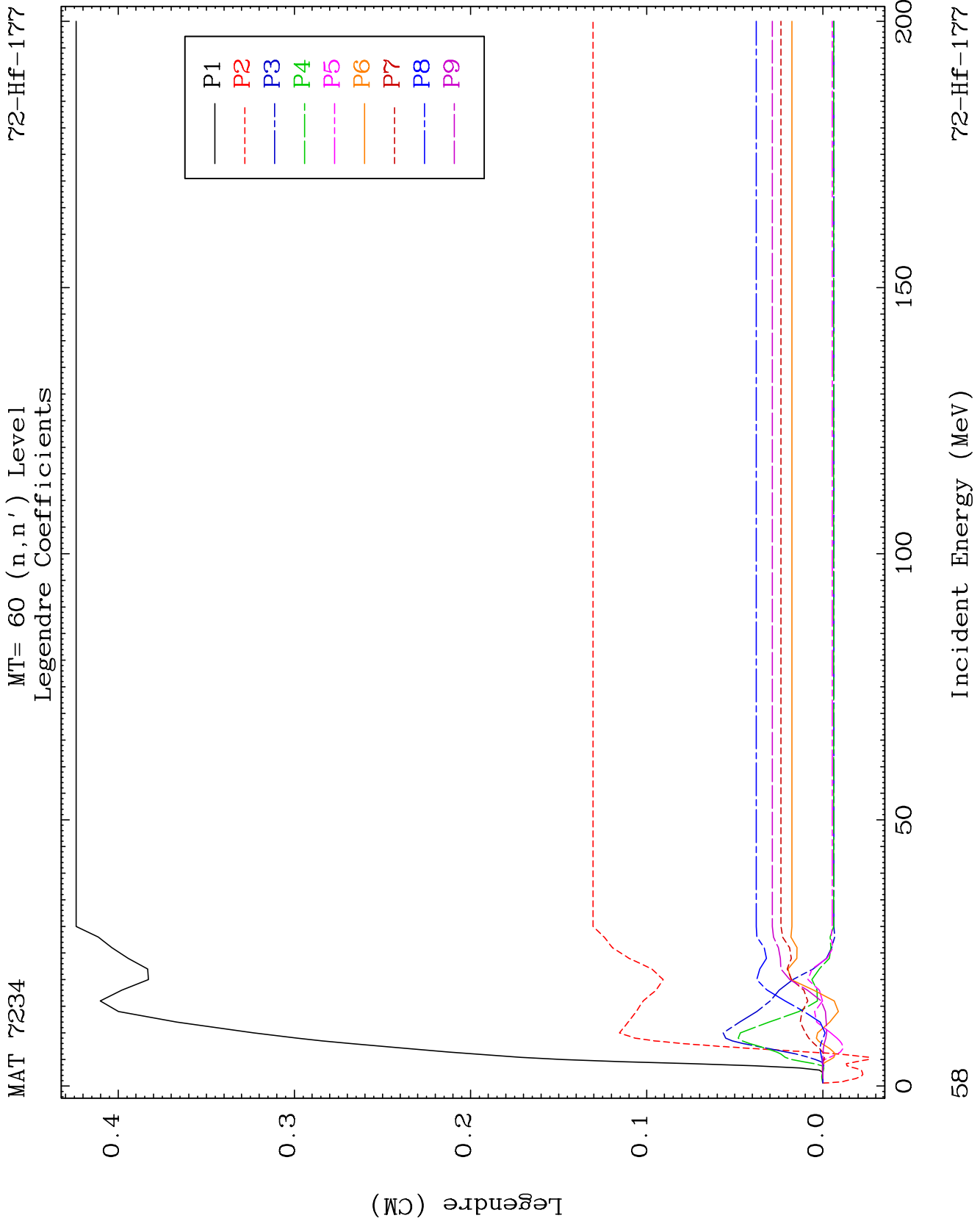
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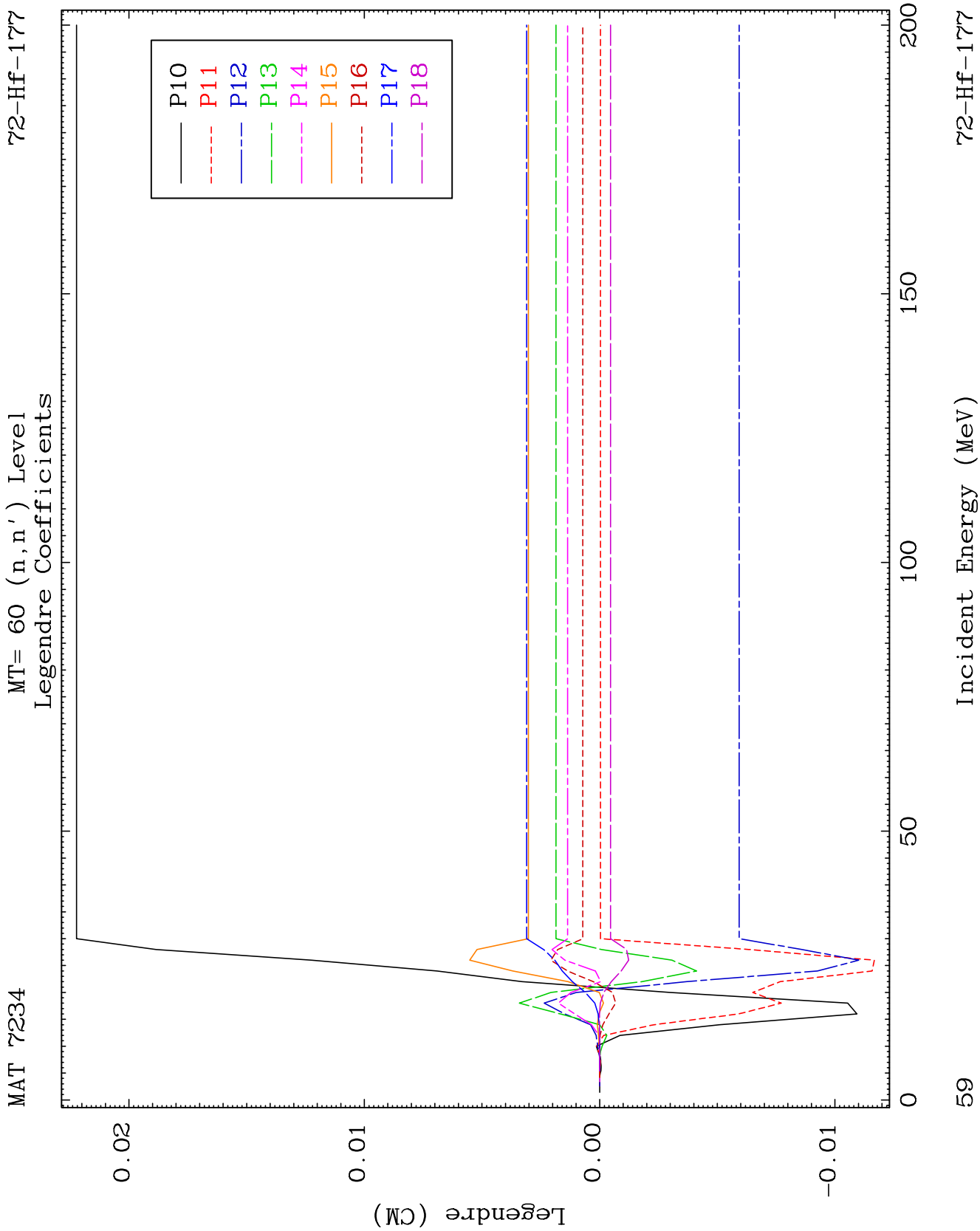
MT= 59 (n, n') Level
Legendre Coefficients

72-Hf-177





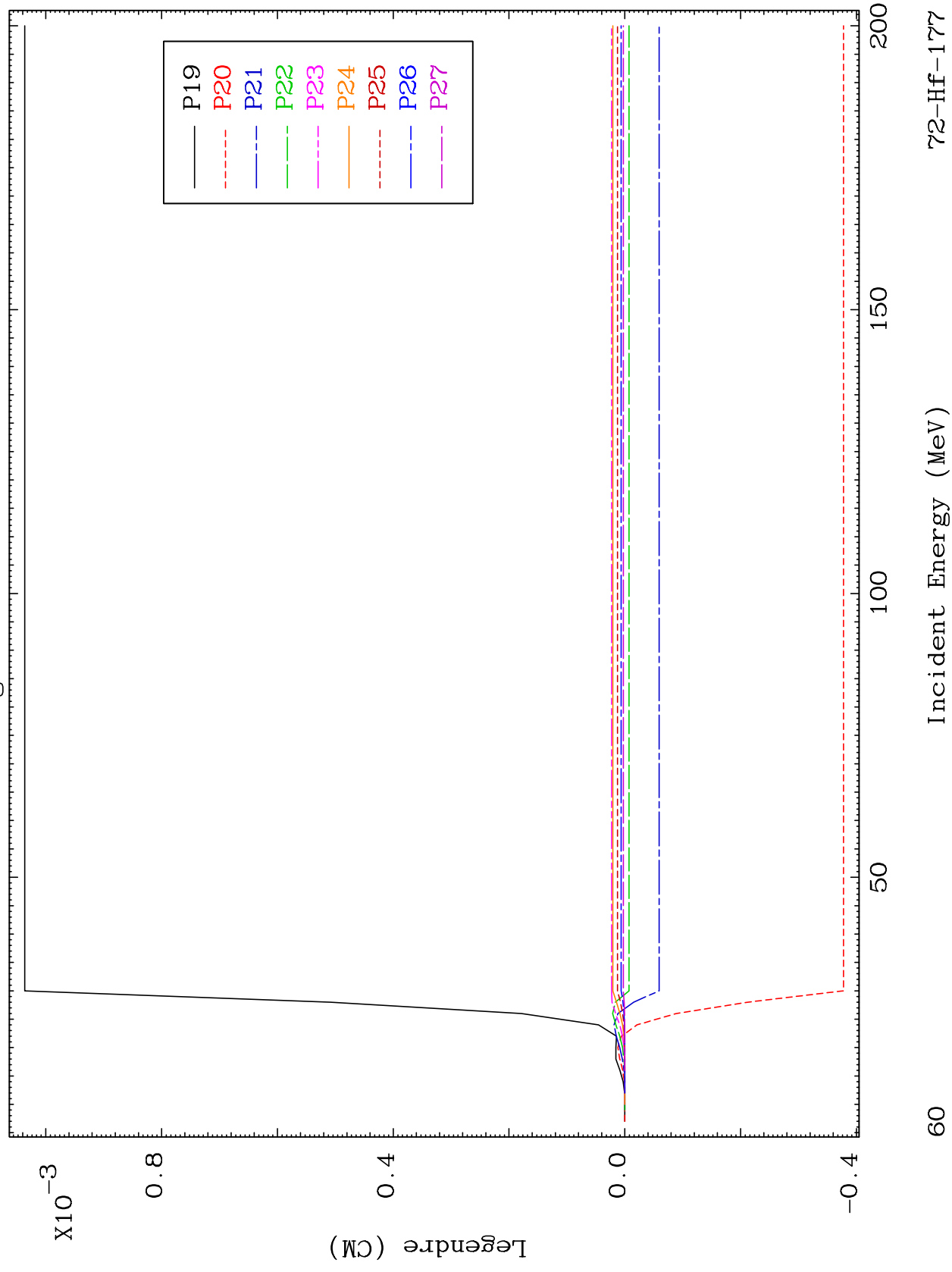


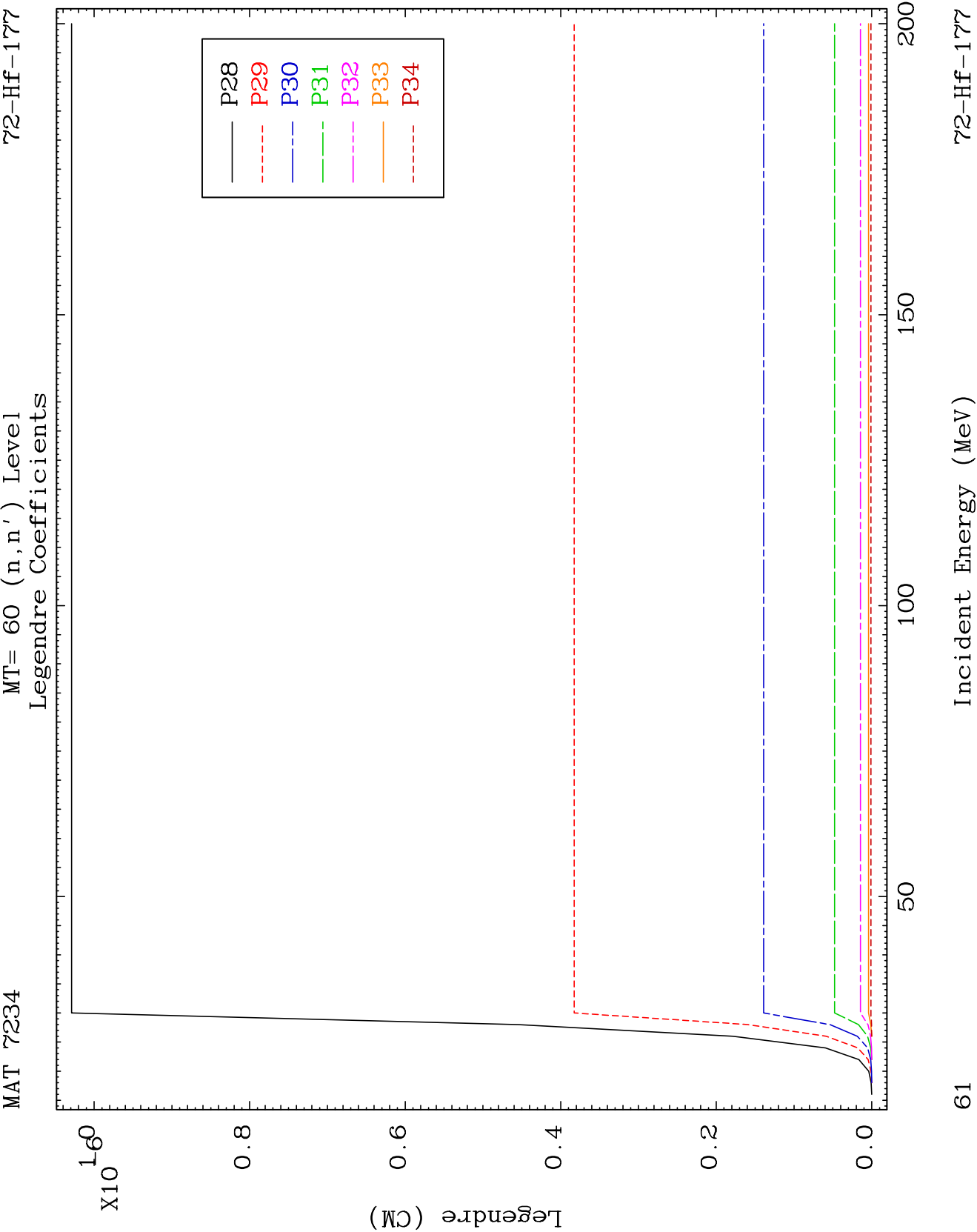


MAT 7234

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

72-Hf-177

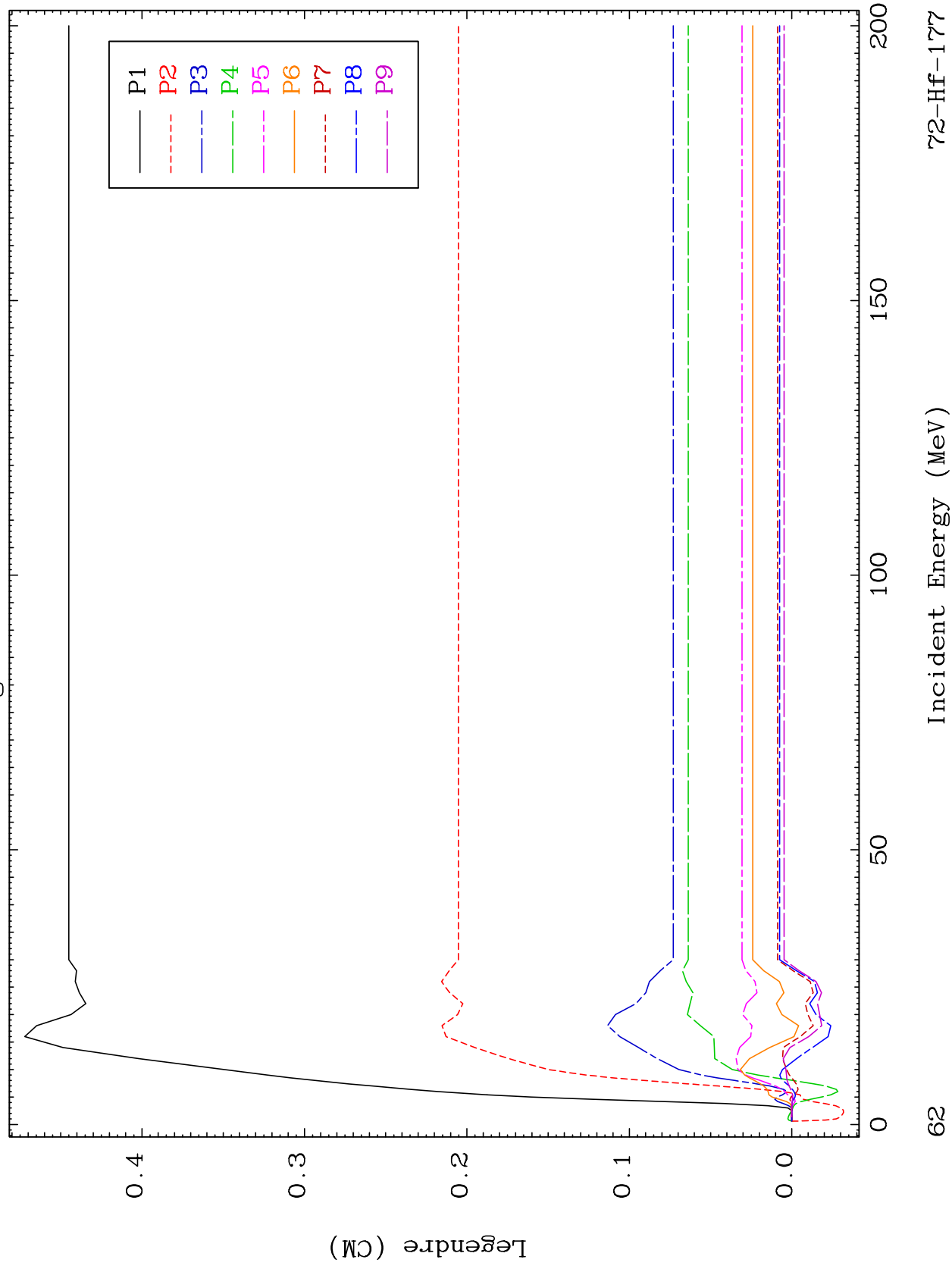




MAT 7234

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

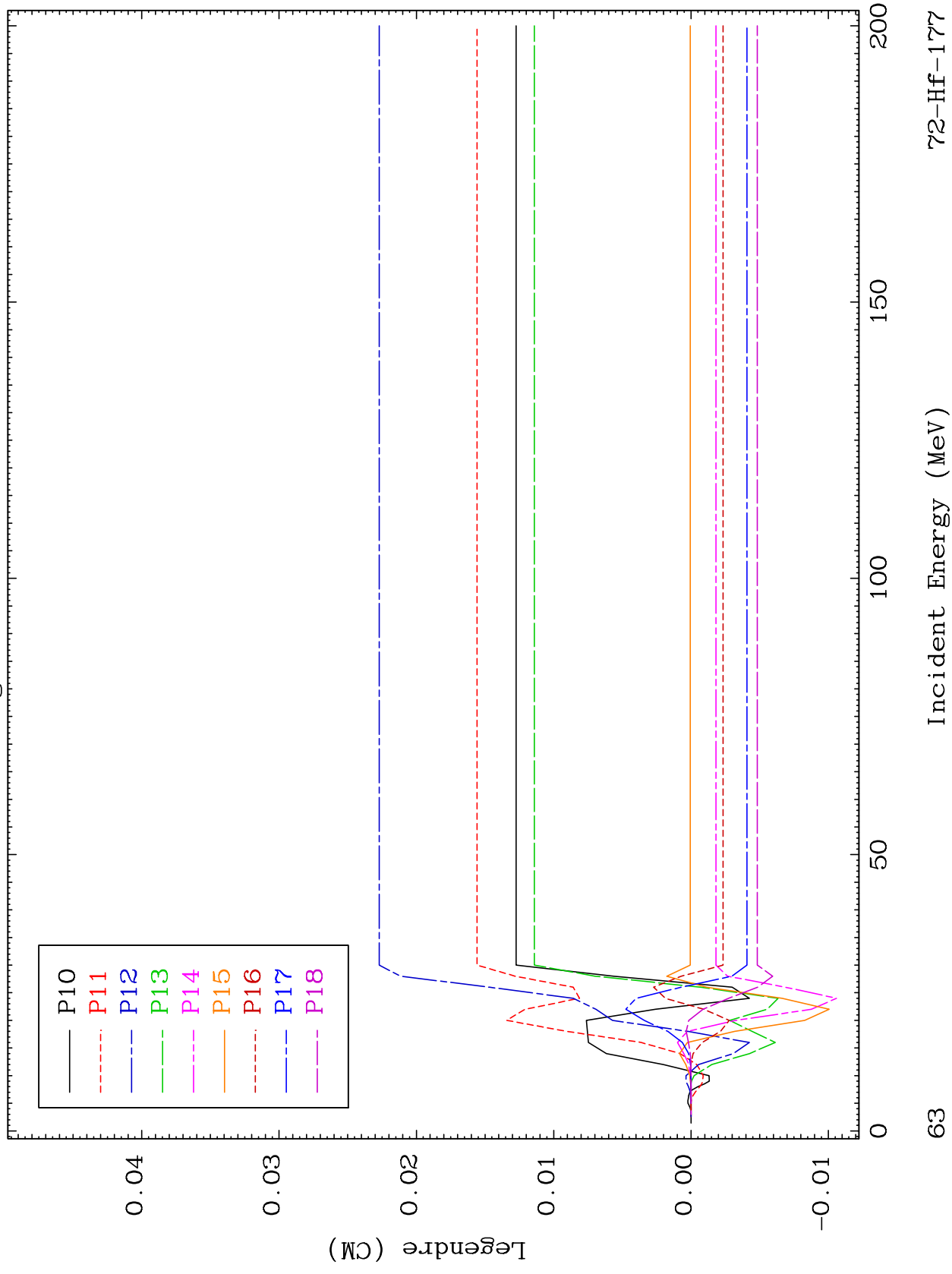
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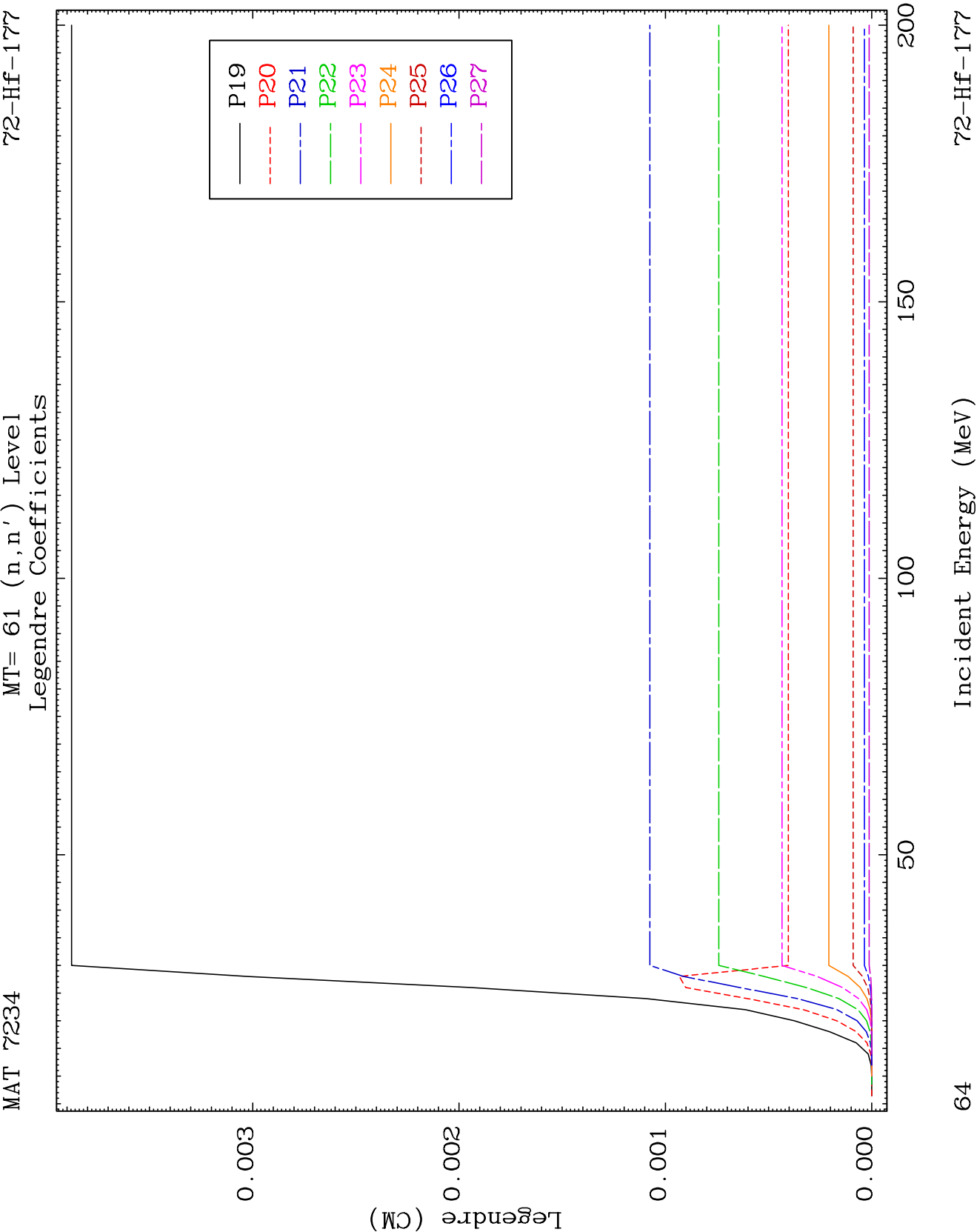


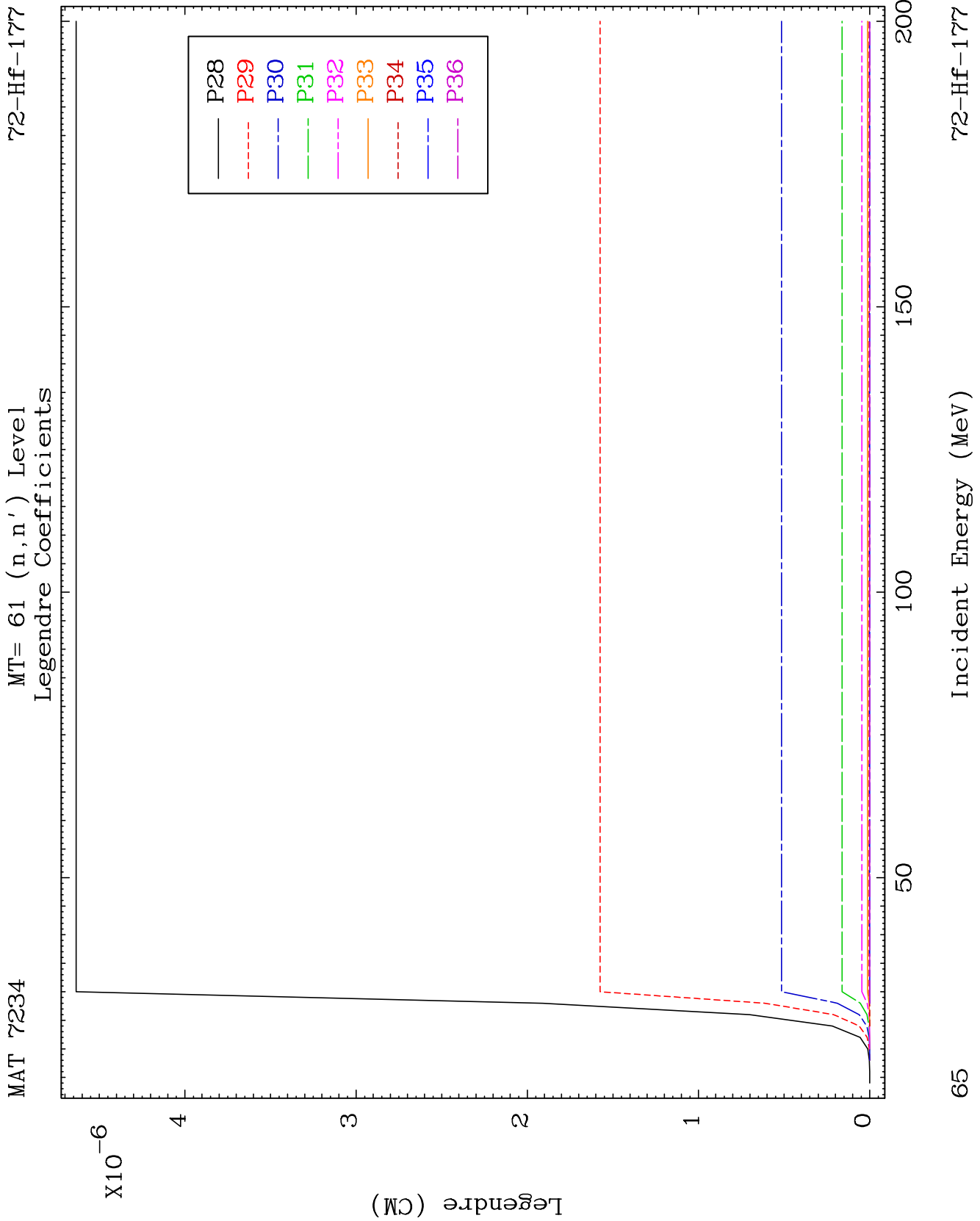
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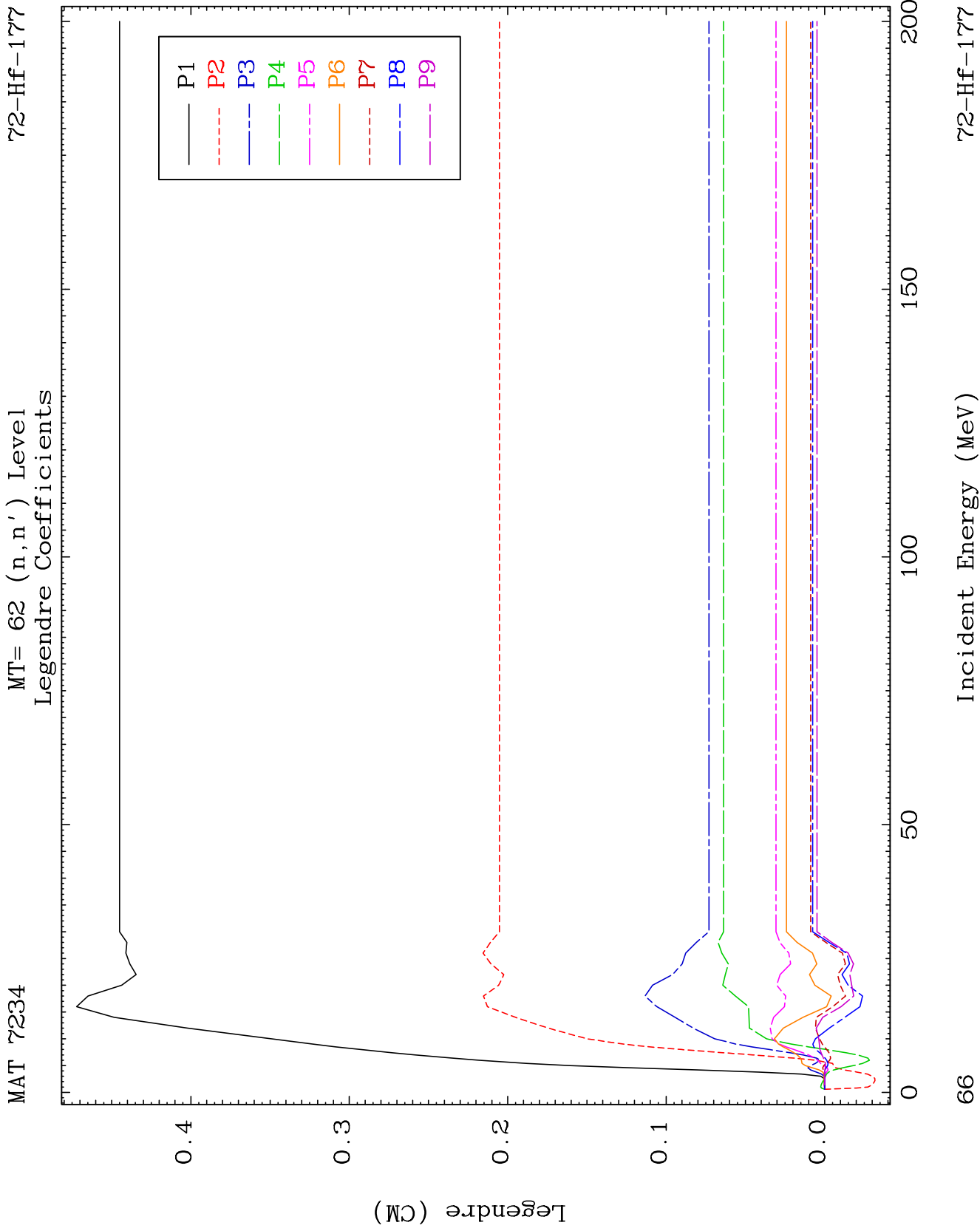
MT= 61 (n, n') Level
Legendre Coefficients

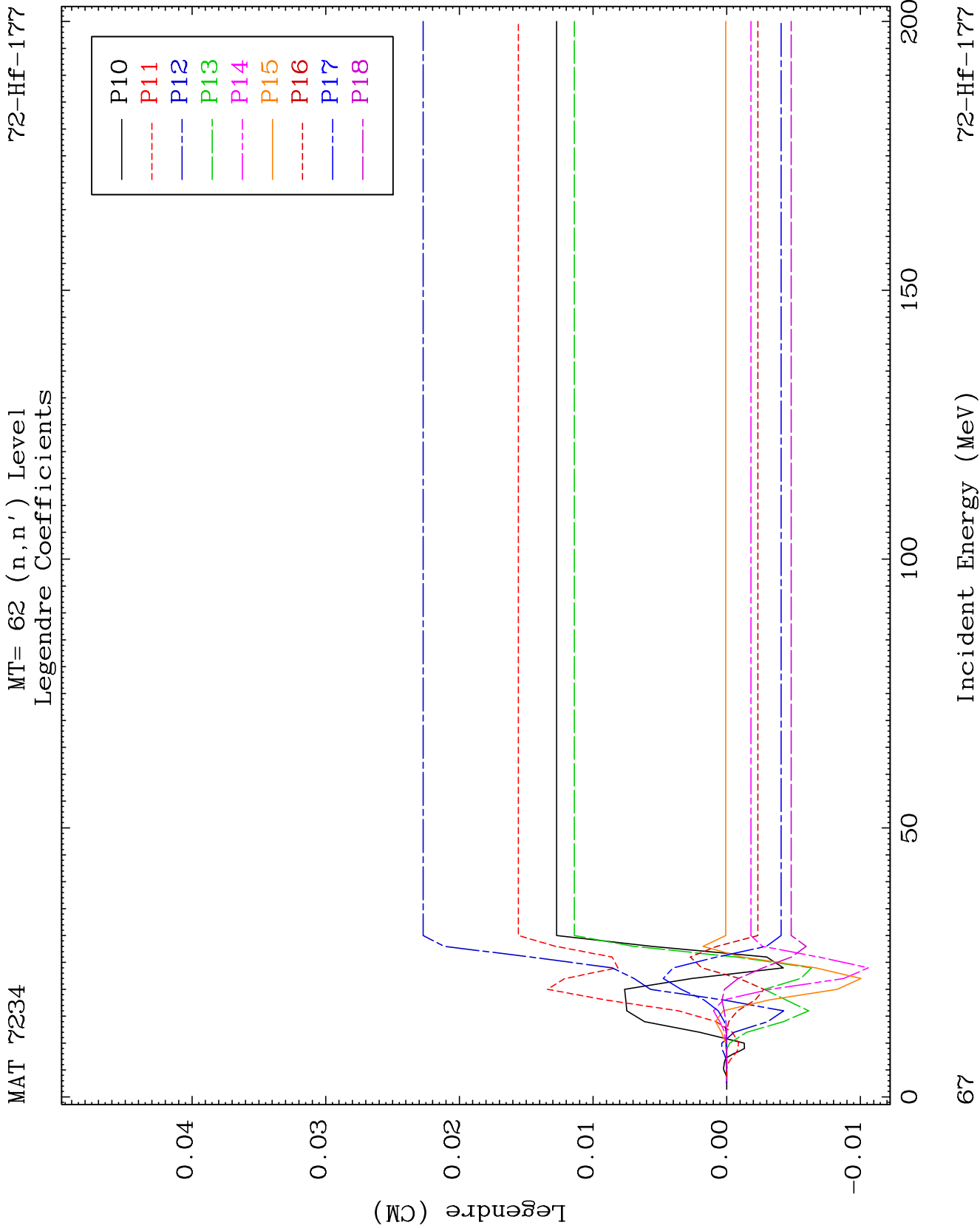
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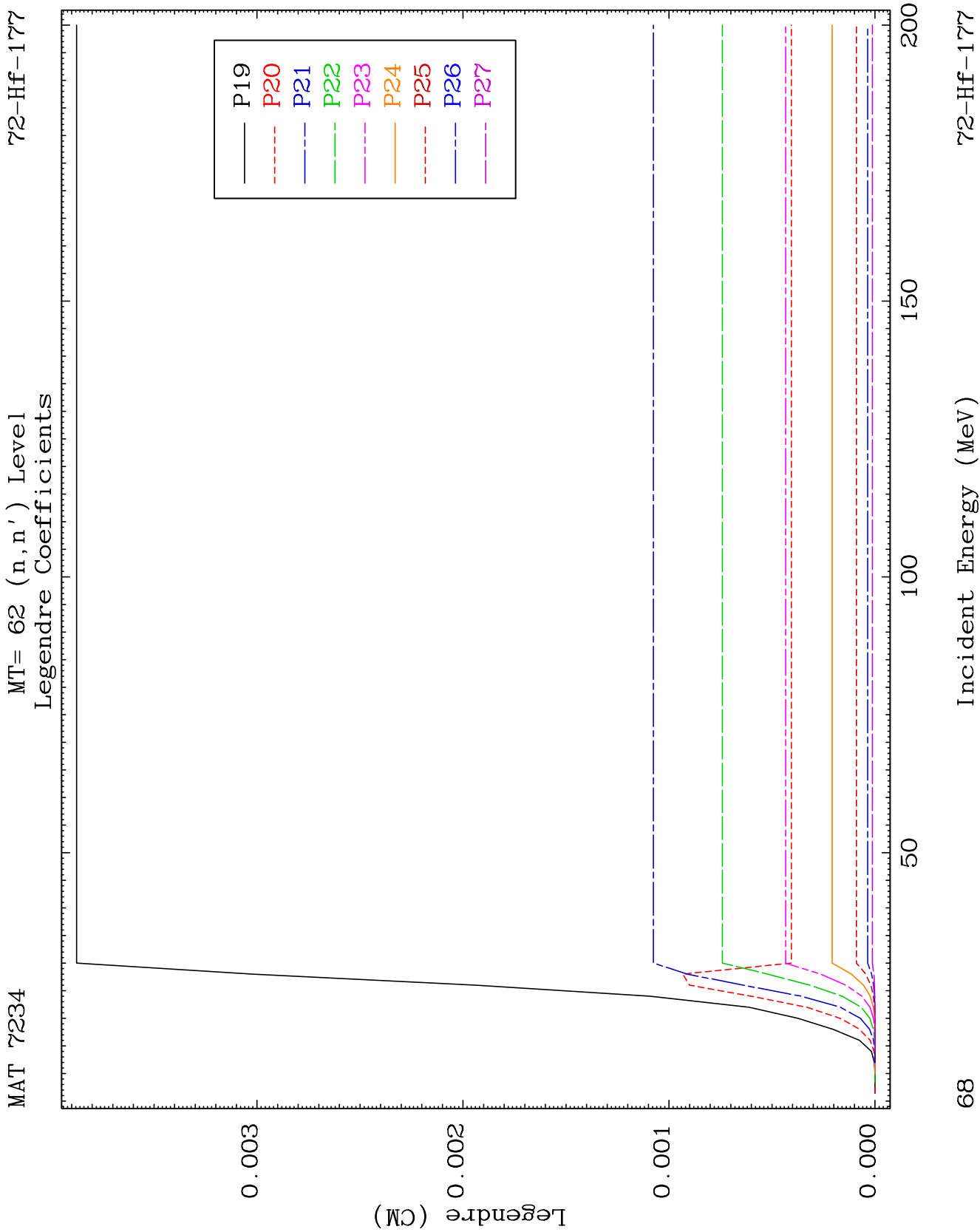


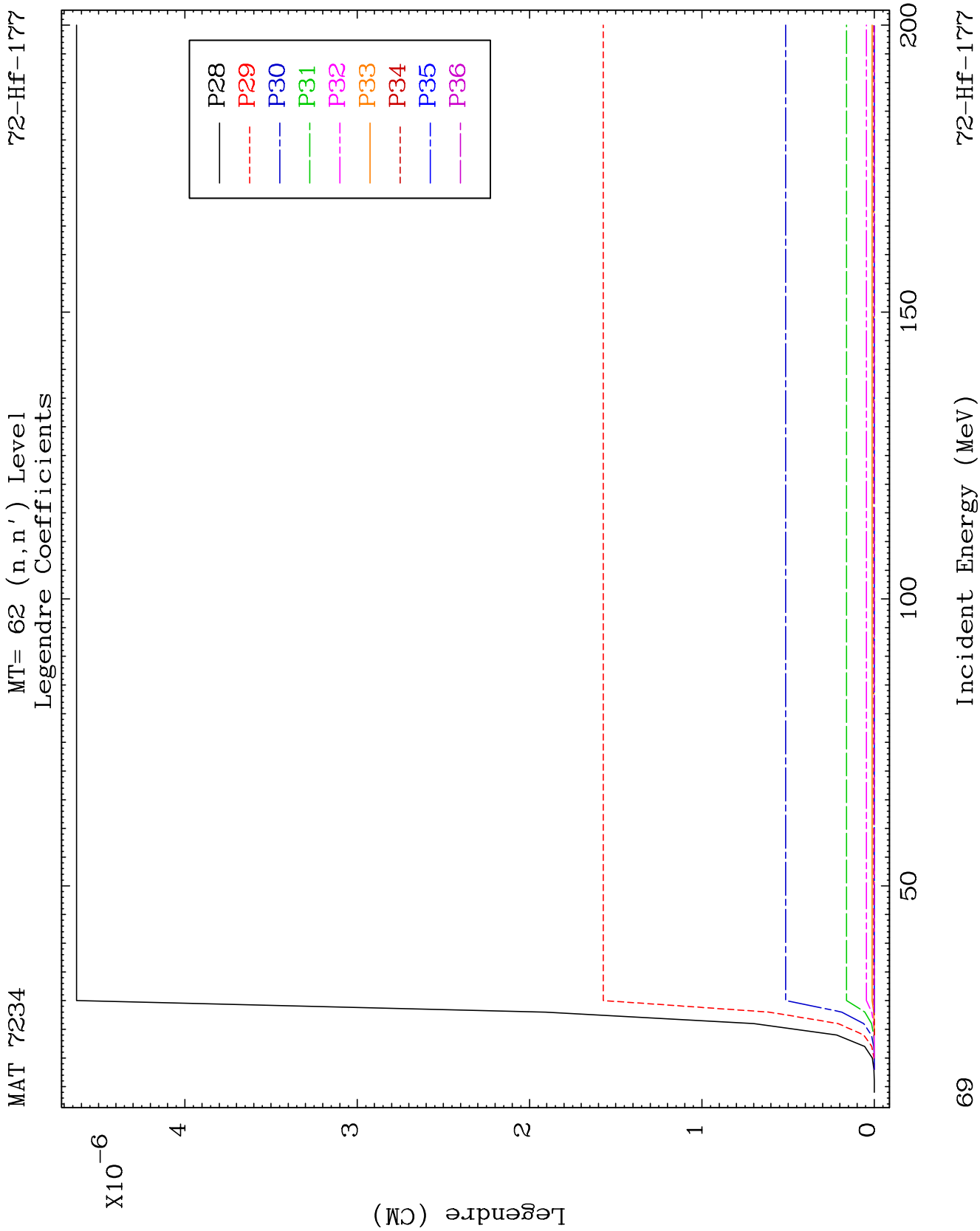








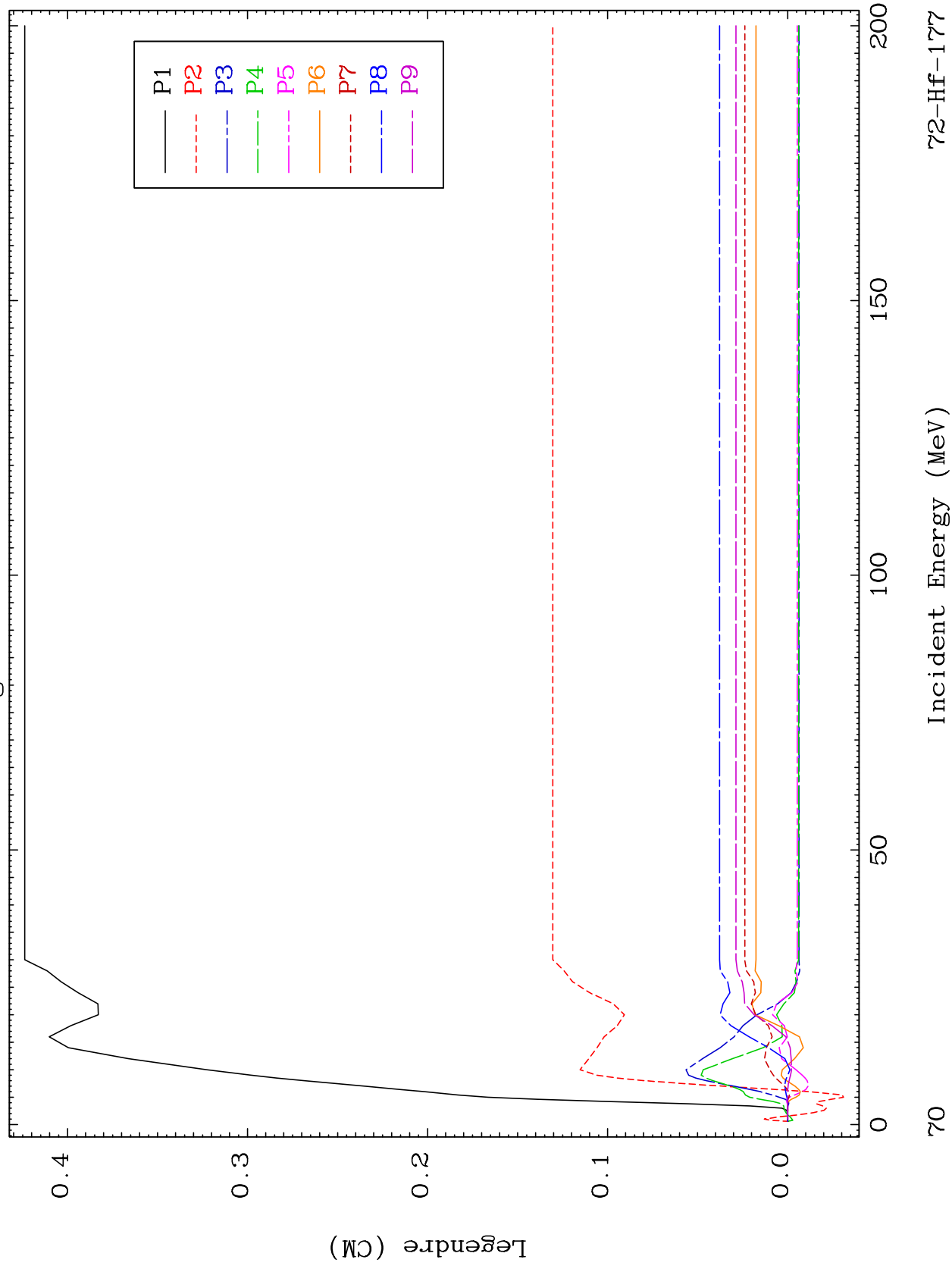


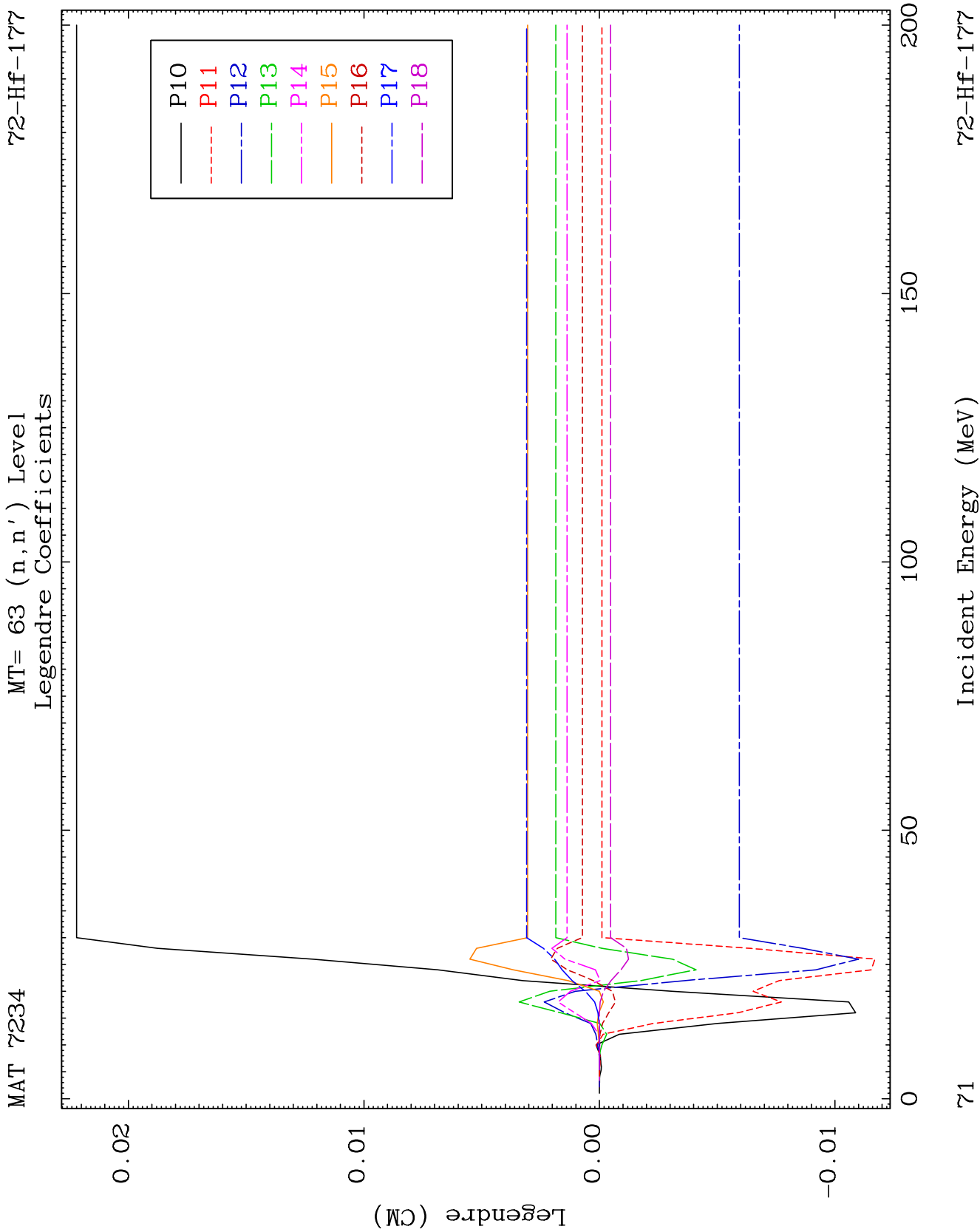


MAT 7234

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

72-Hf-177

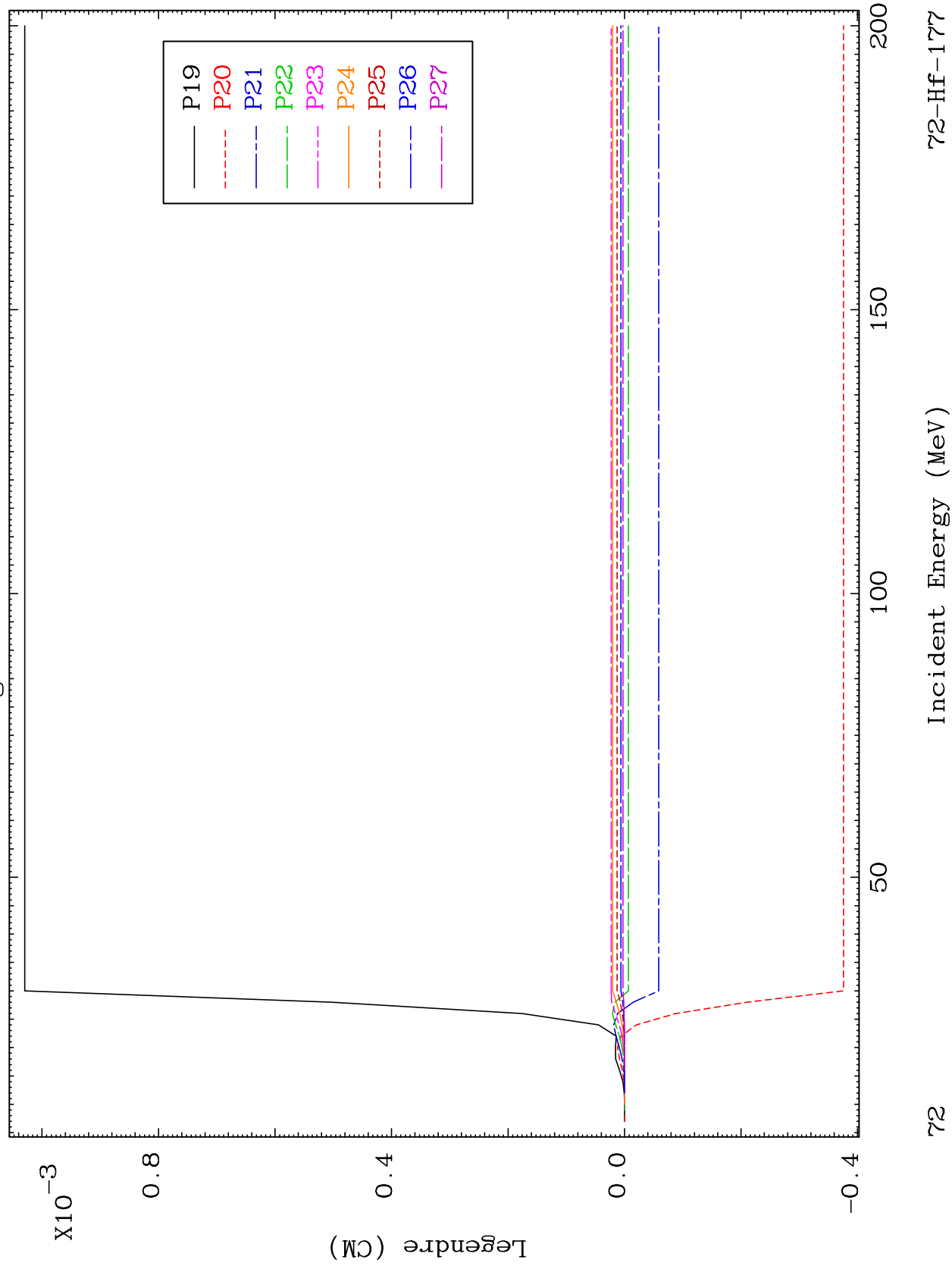


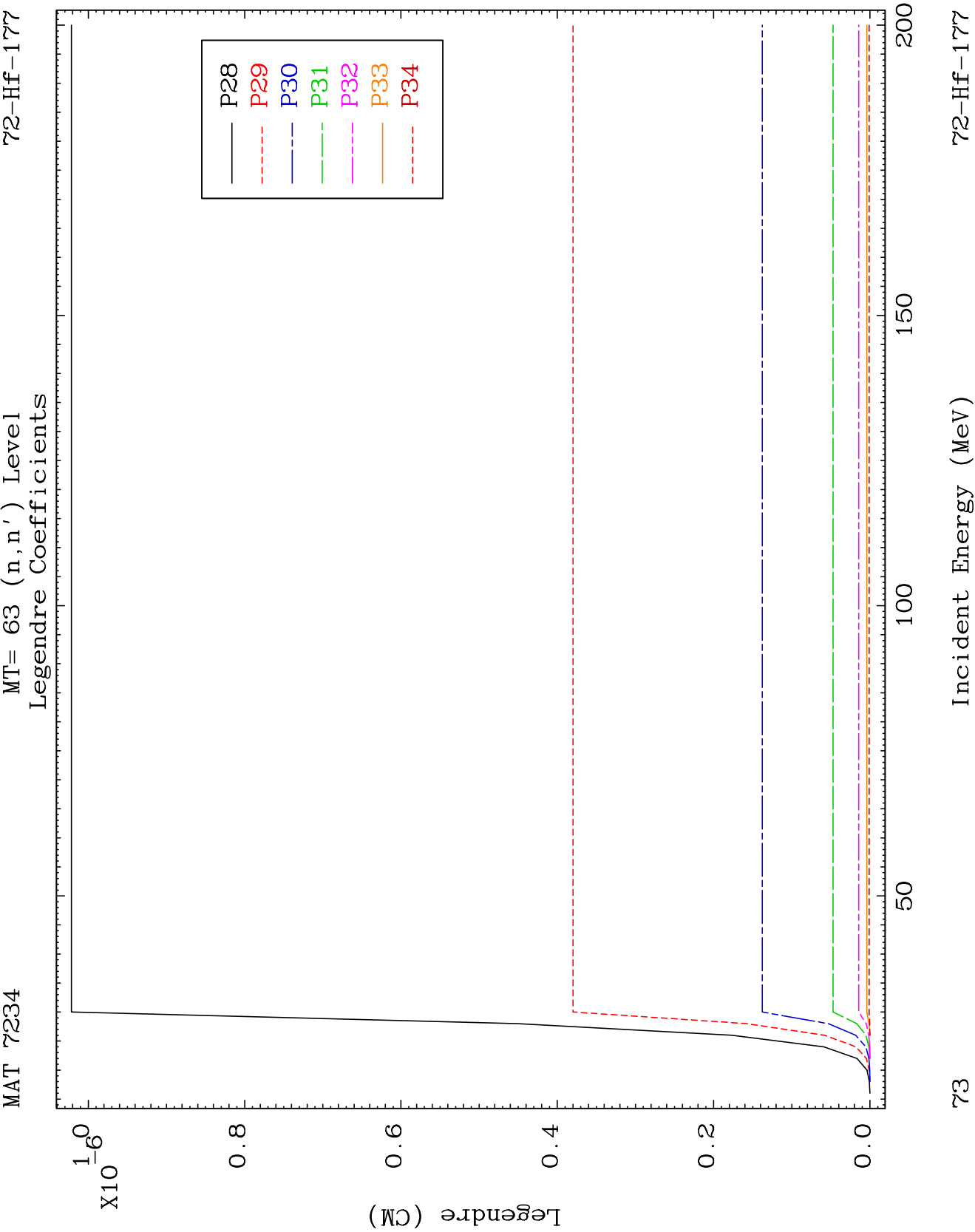


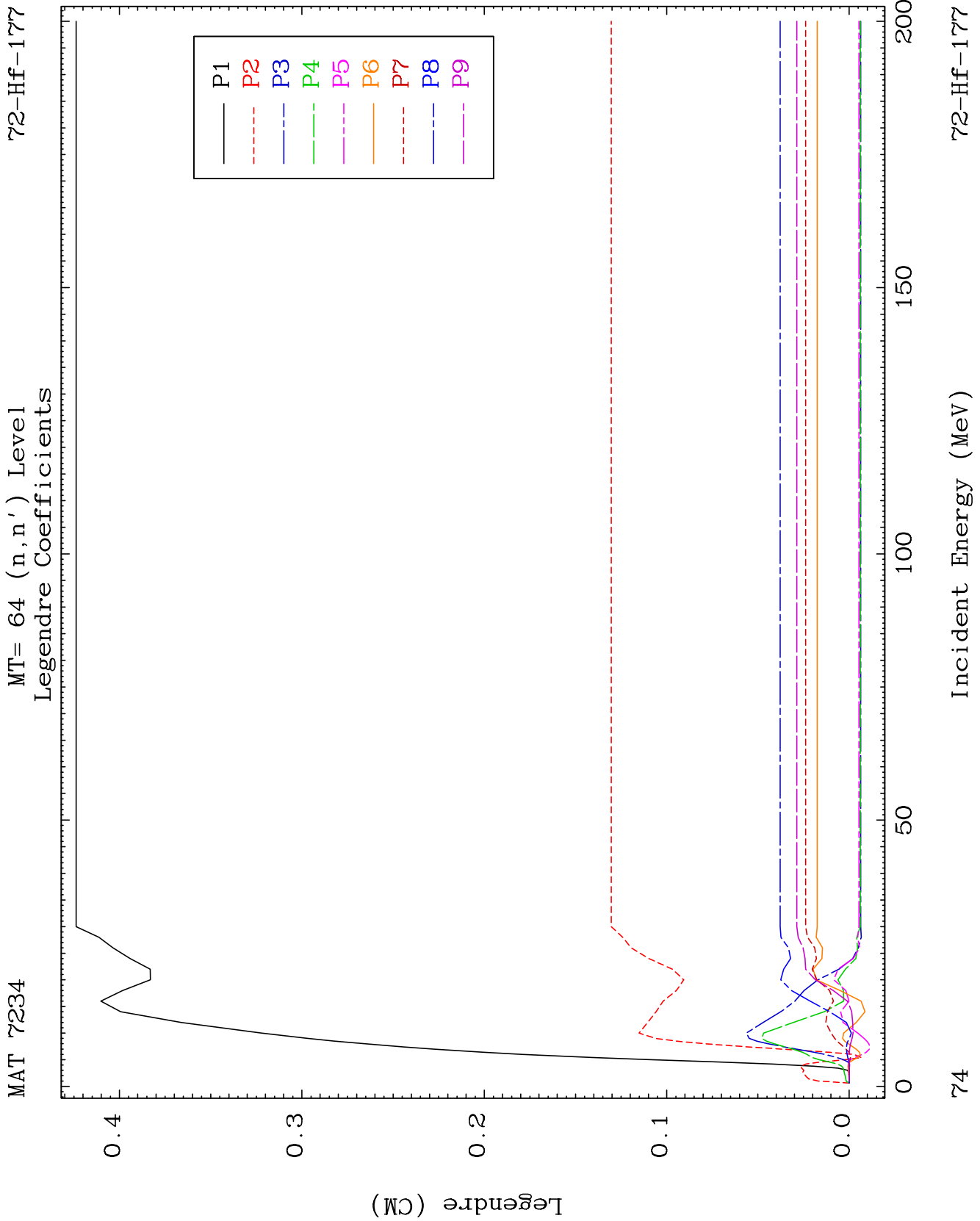
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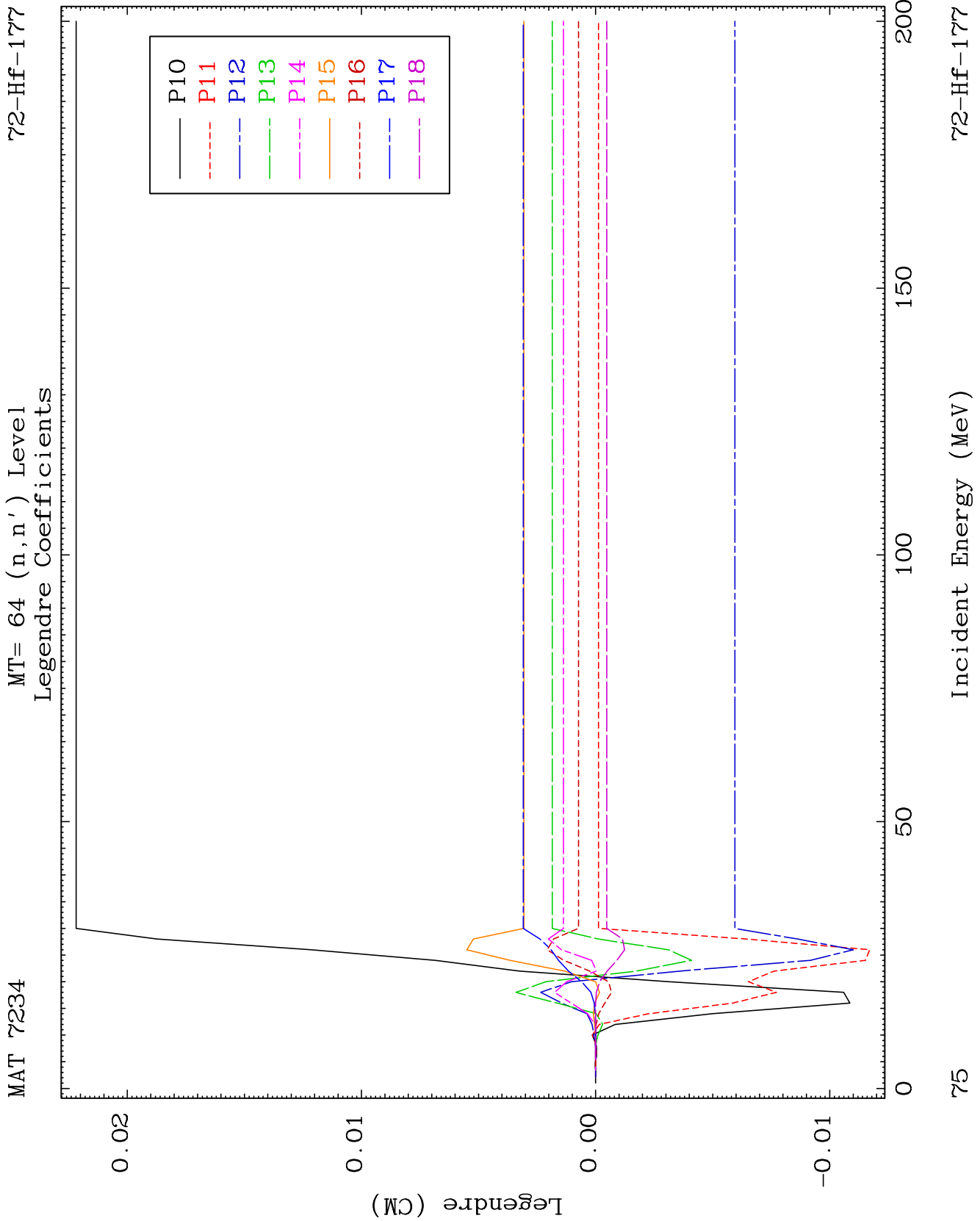
MT= 63 (n, n') Level
Legendre Coefficients

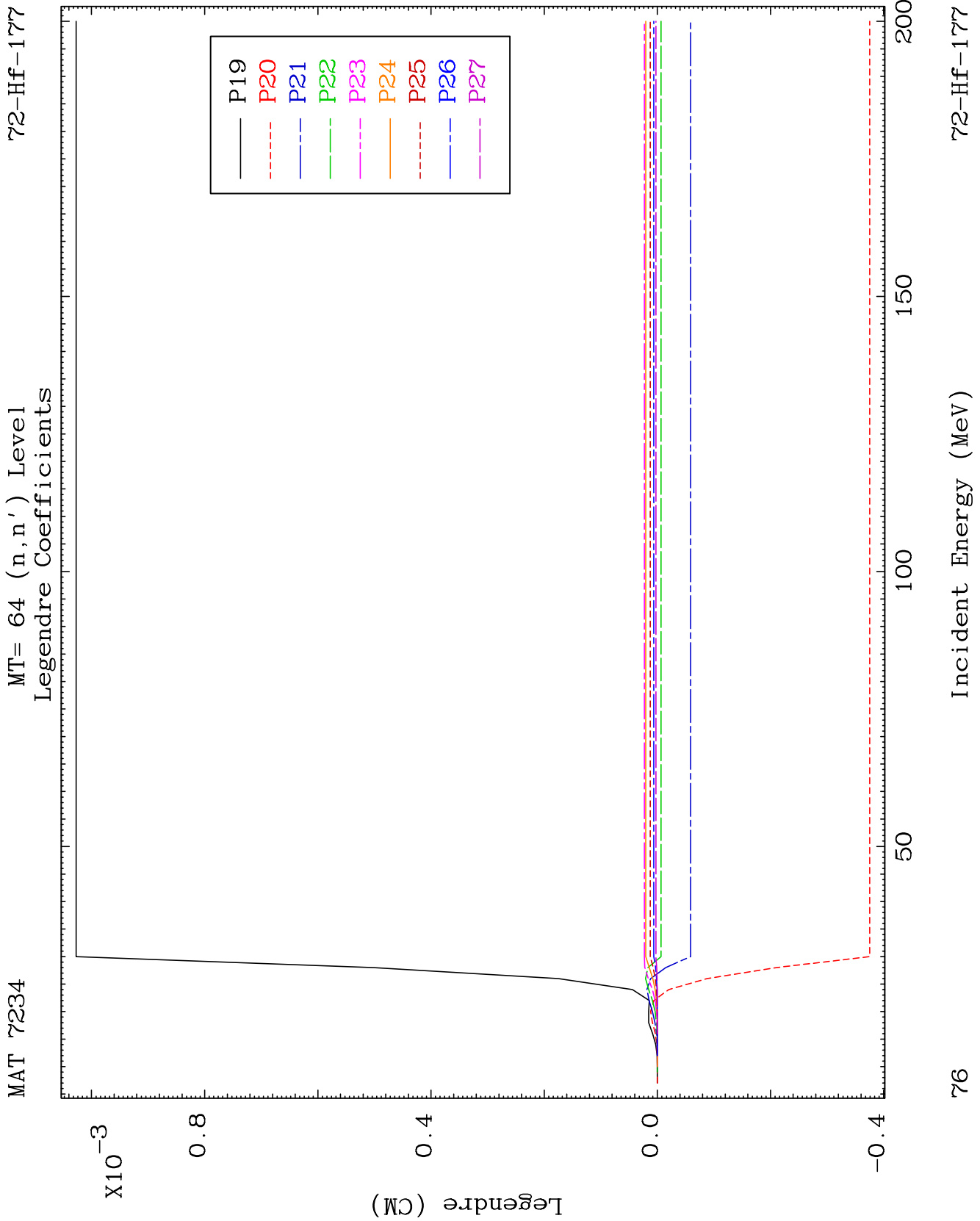
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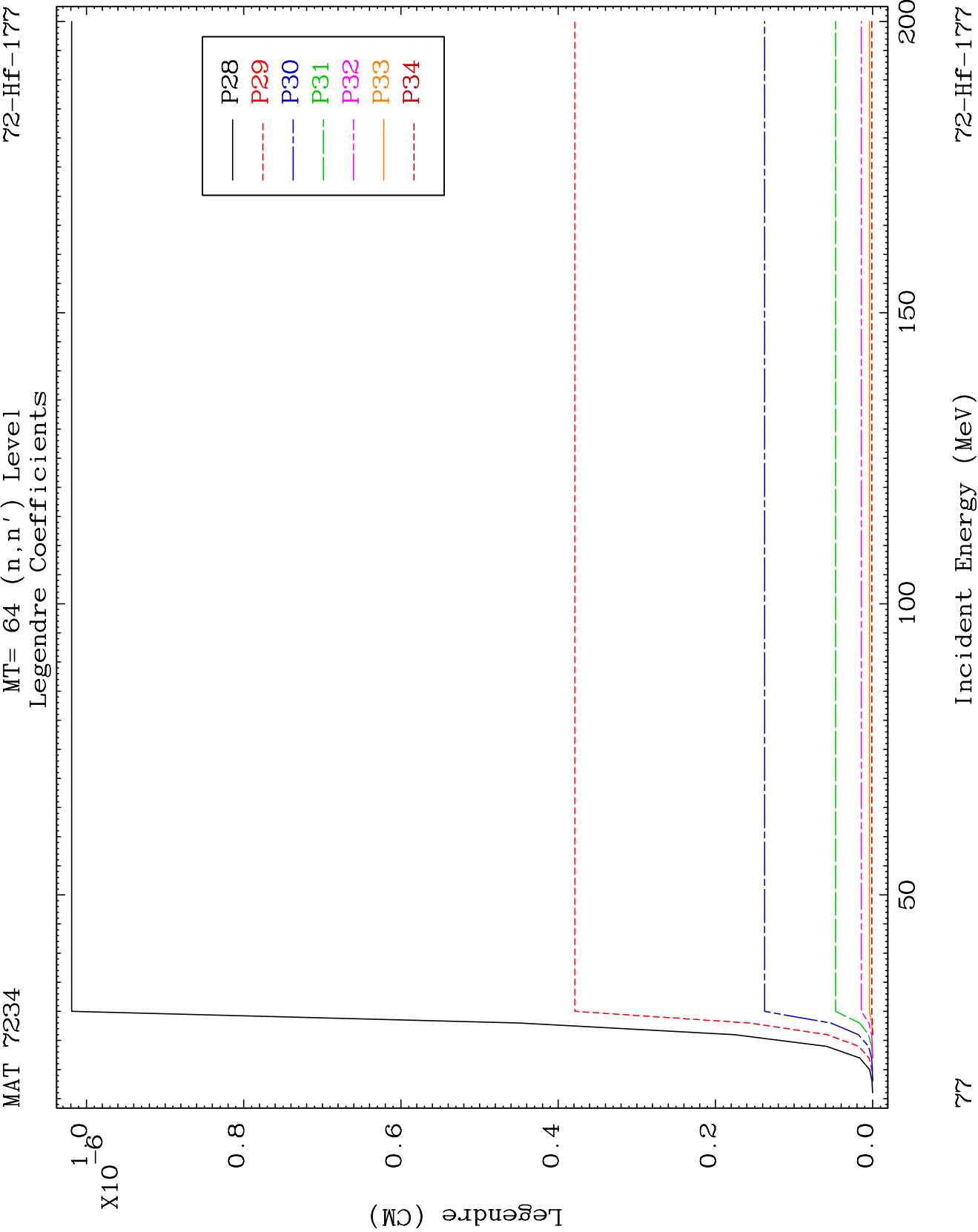








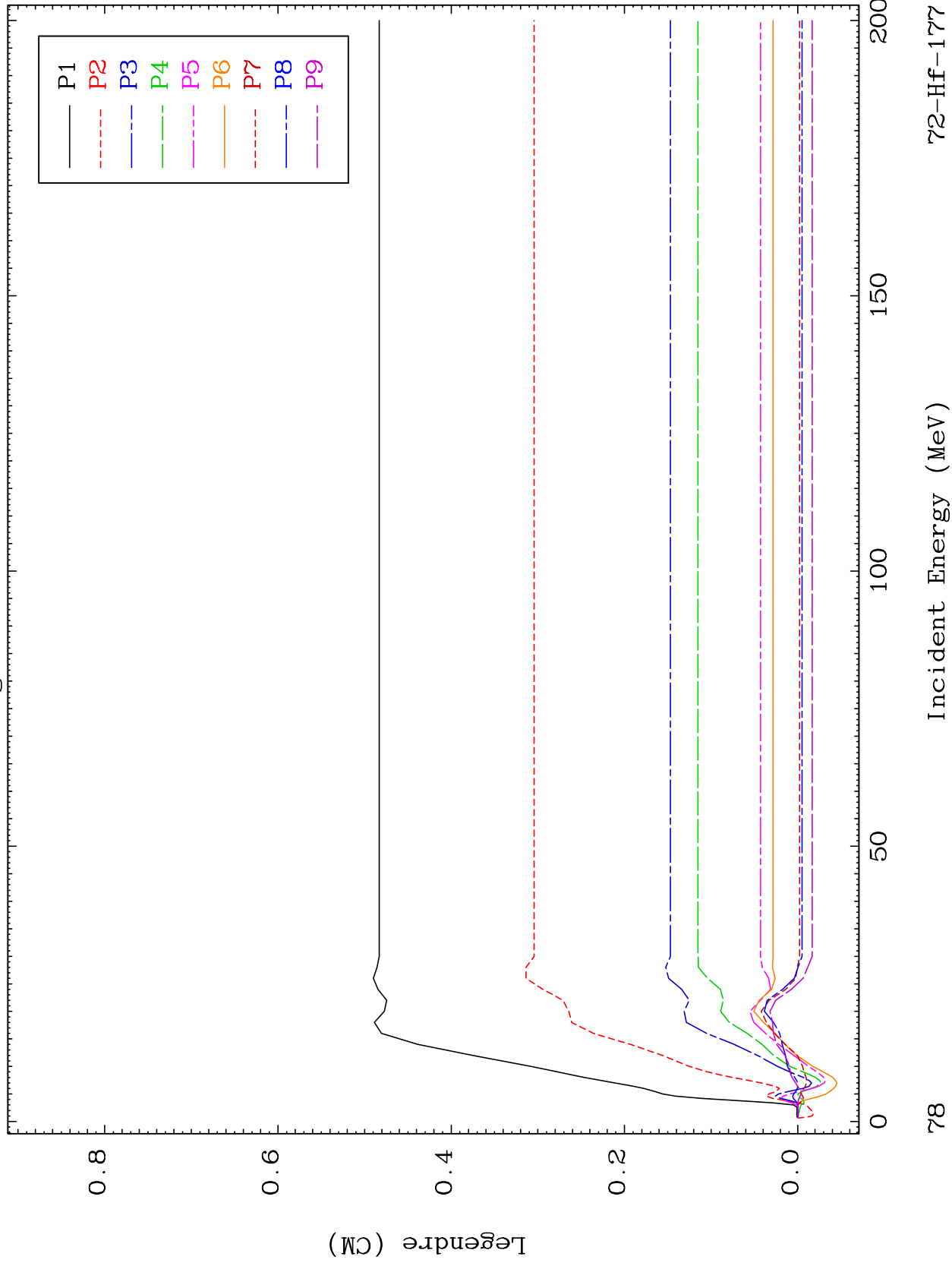




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MT= 65 (n, n') Level
Legendre Coefficients

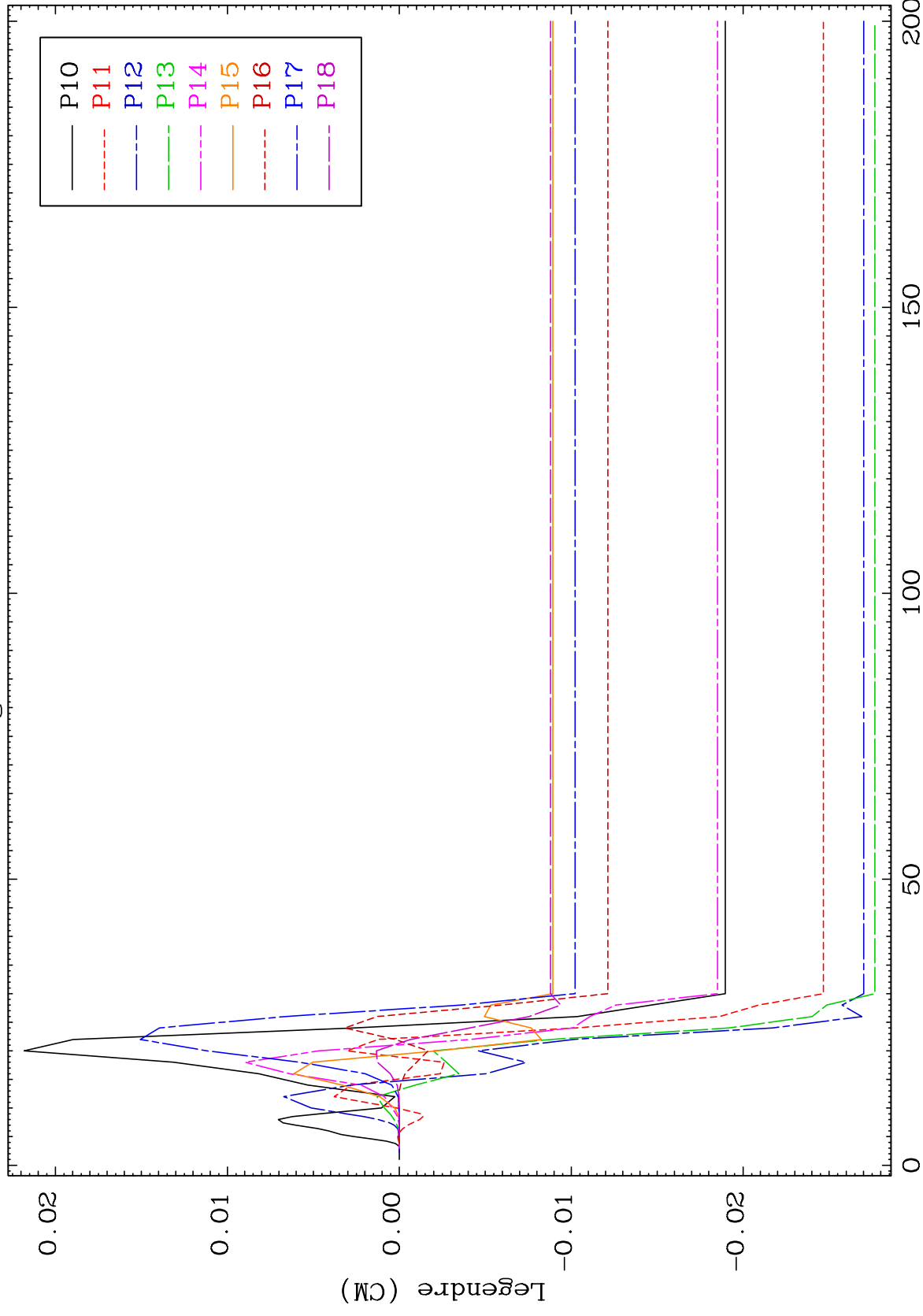
72-Hf-177



MAT 7234

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

72-Hf-177



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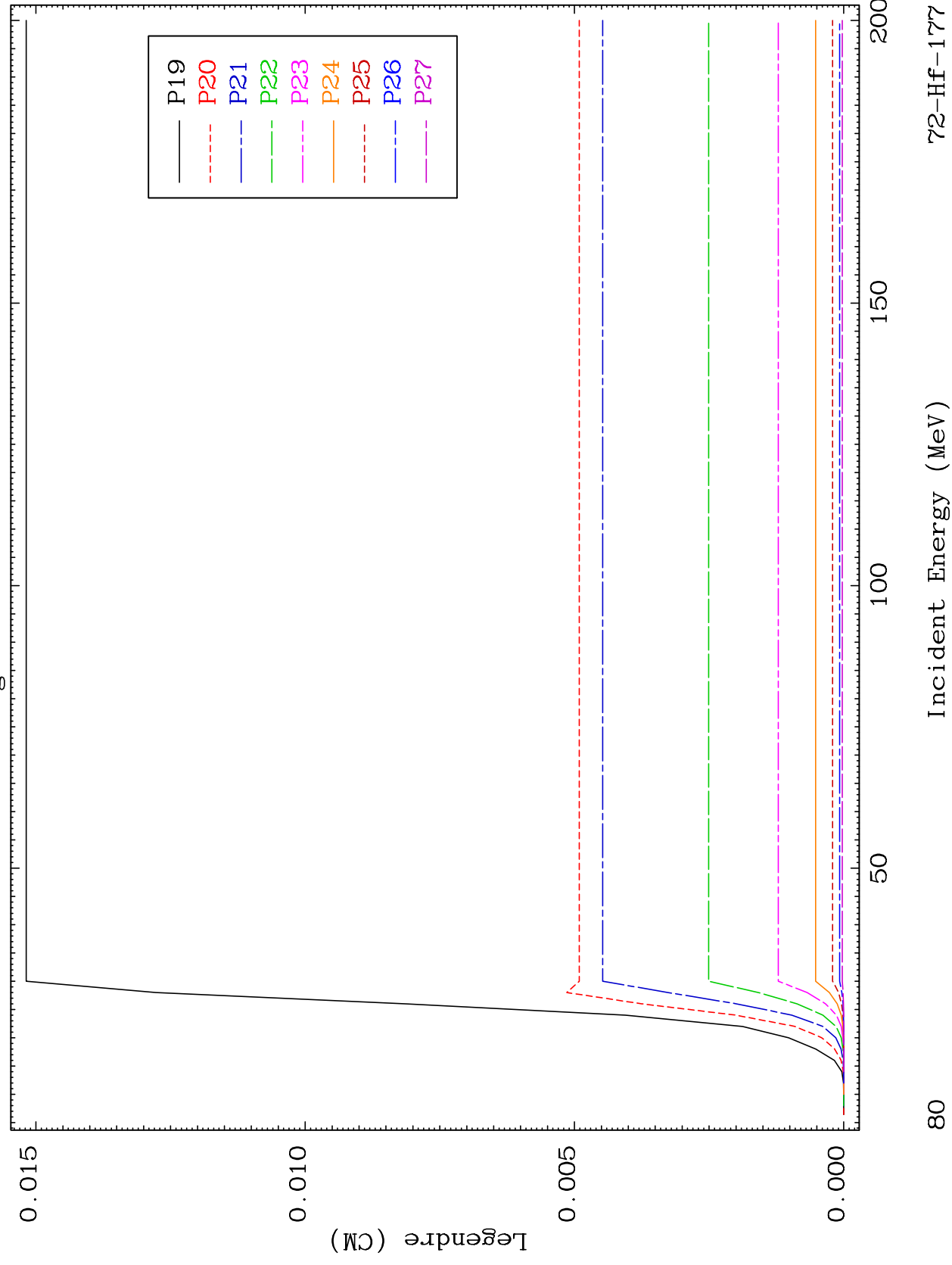
Incident Energy (MeV)

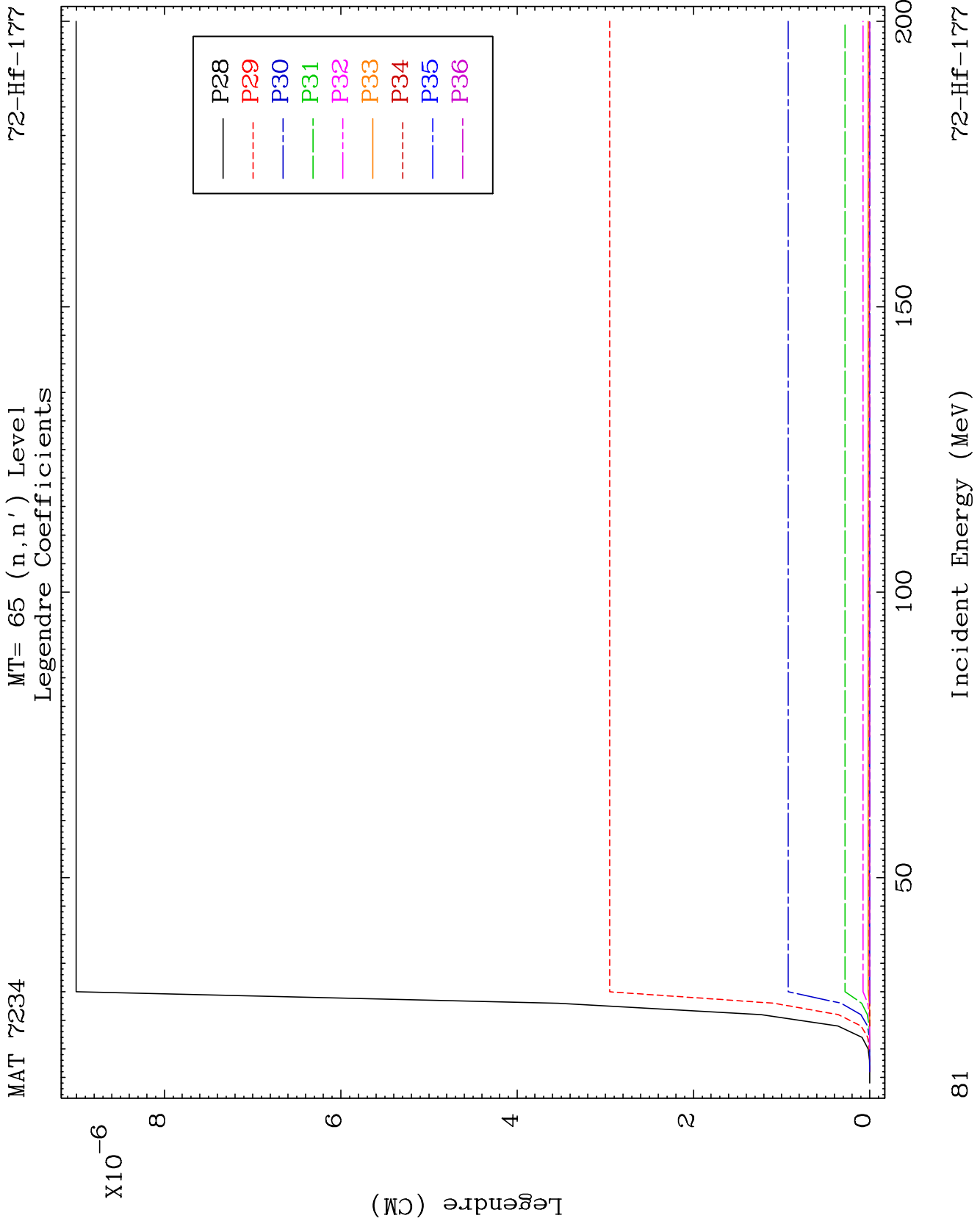
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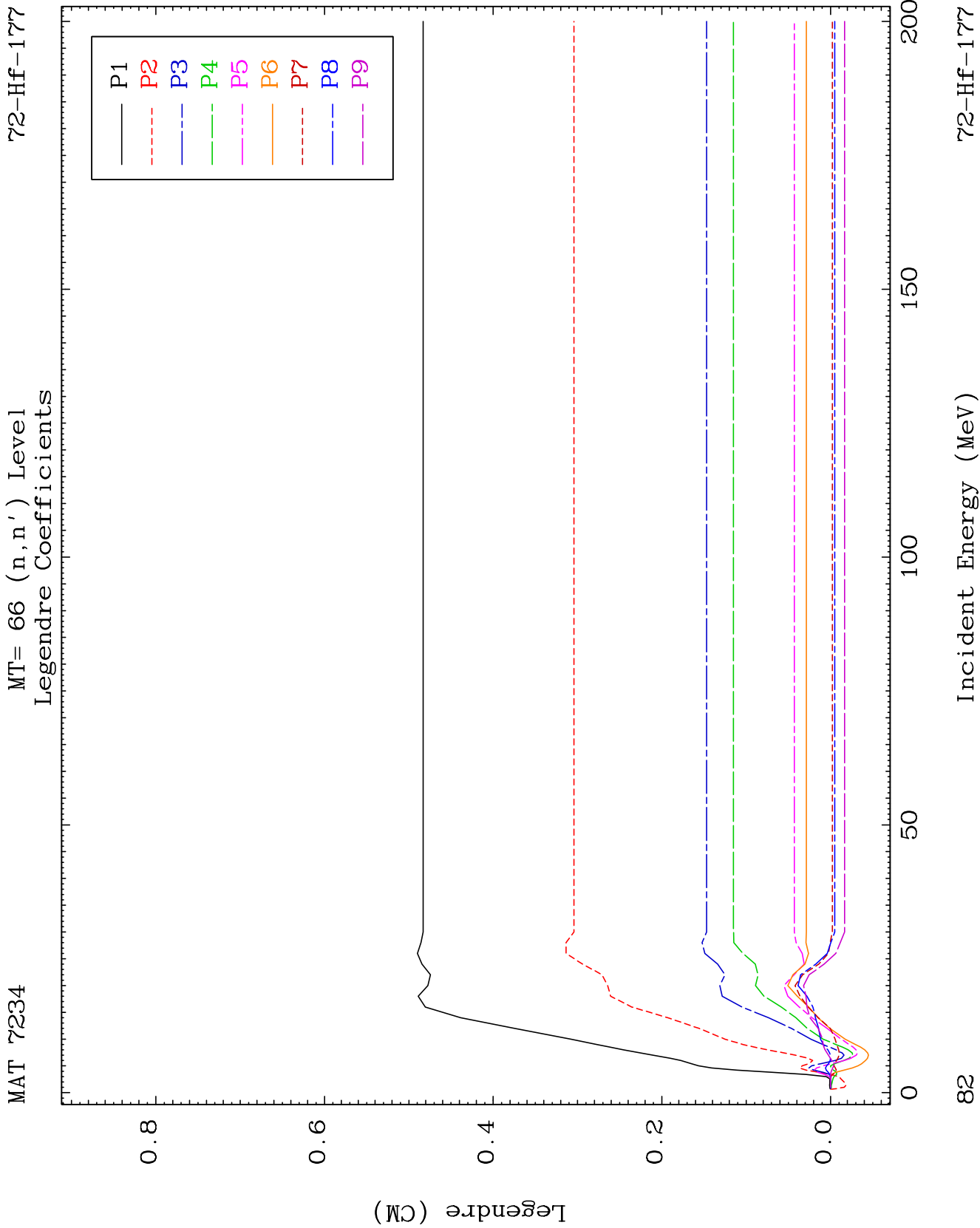
MAT 7234

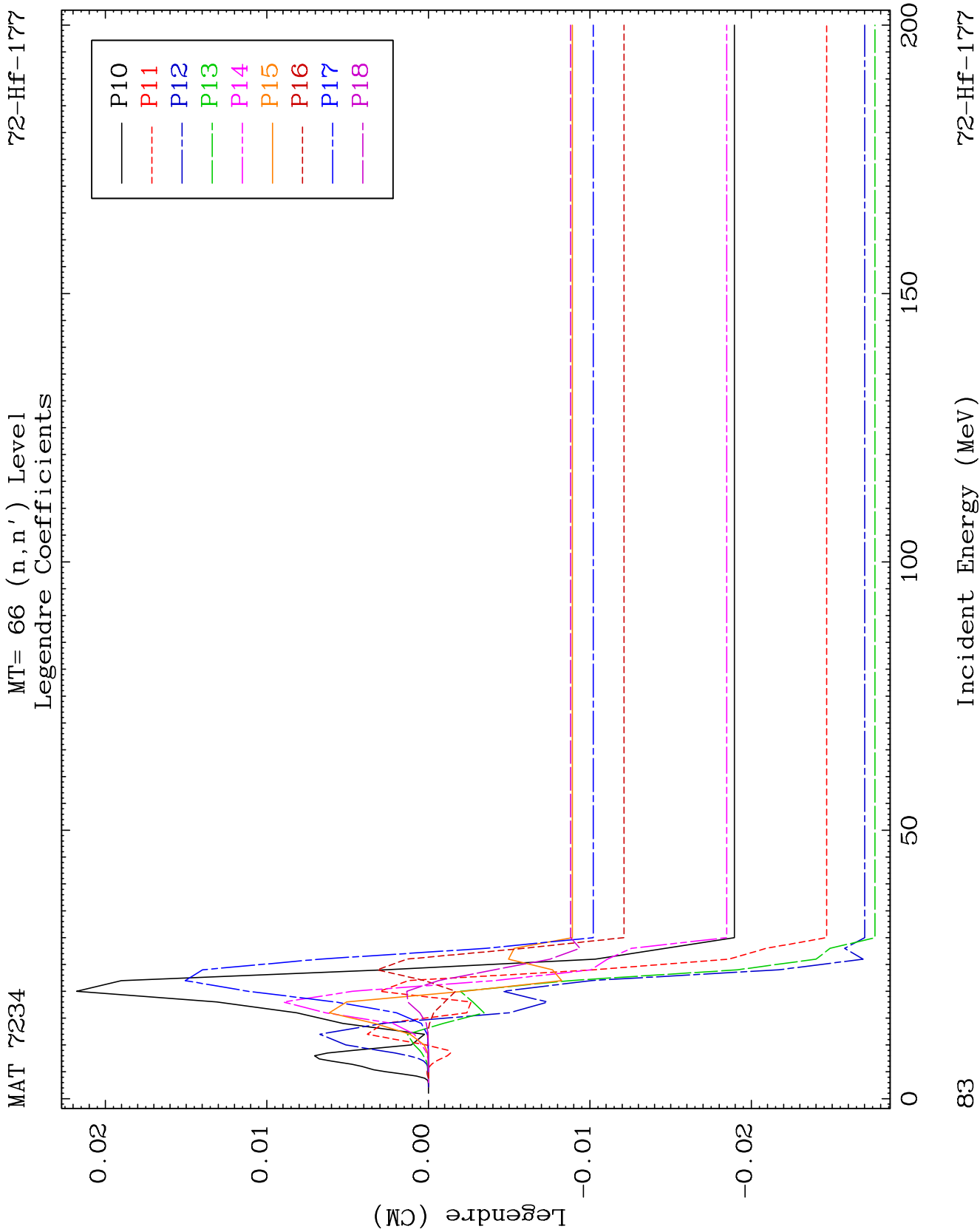
MT= 65 (n, n') Level
Legendre Coefficients

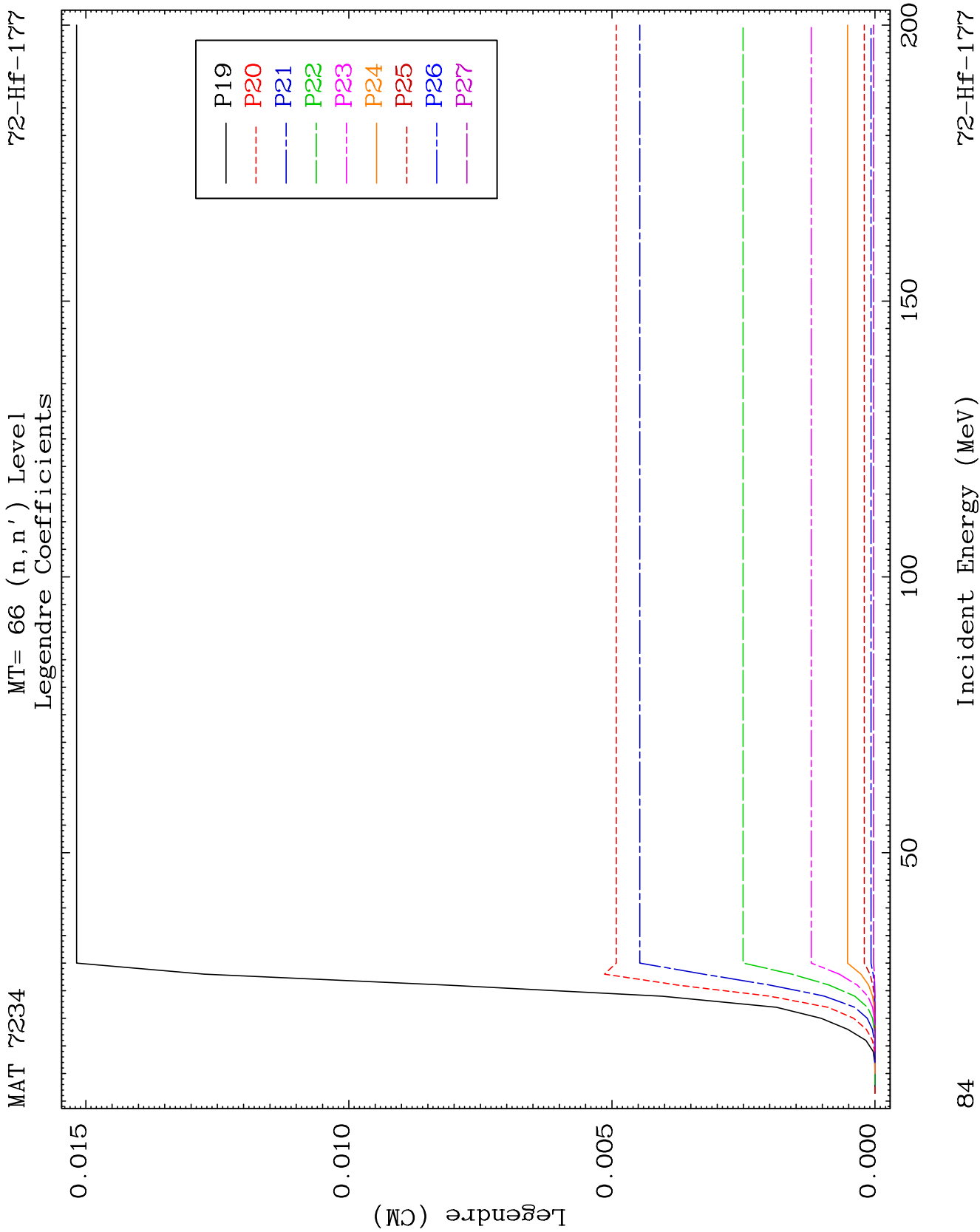
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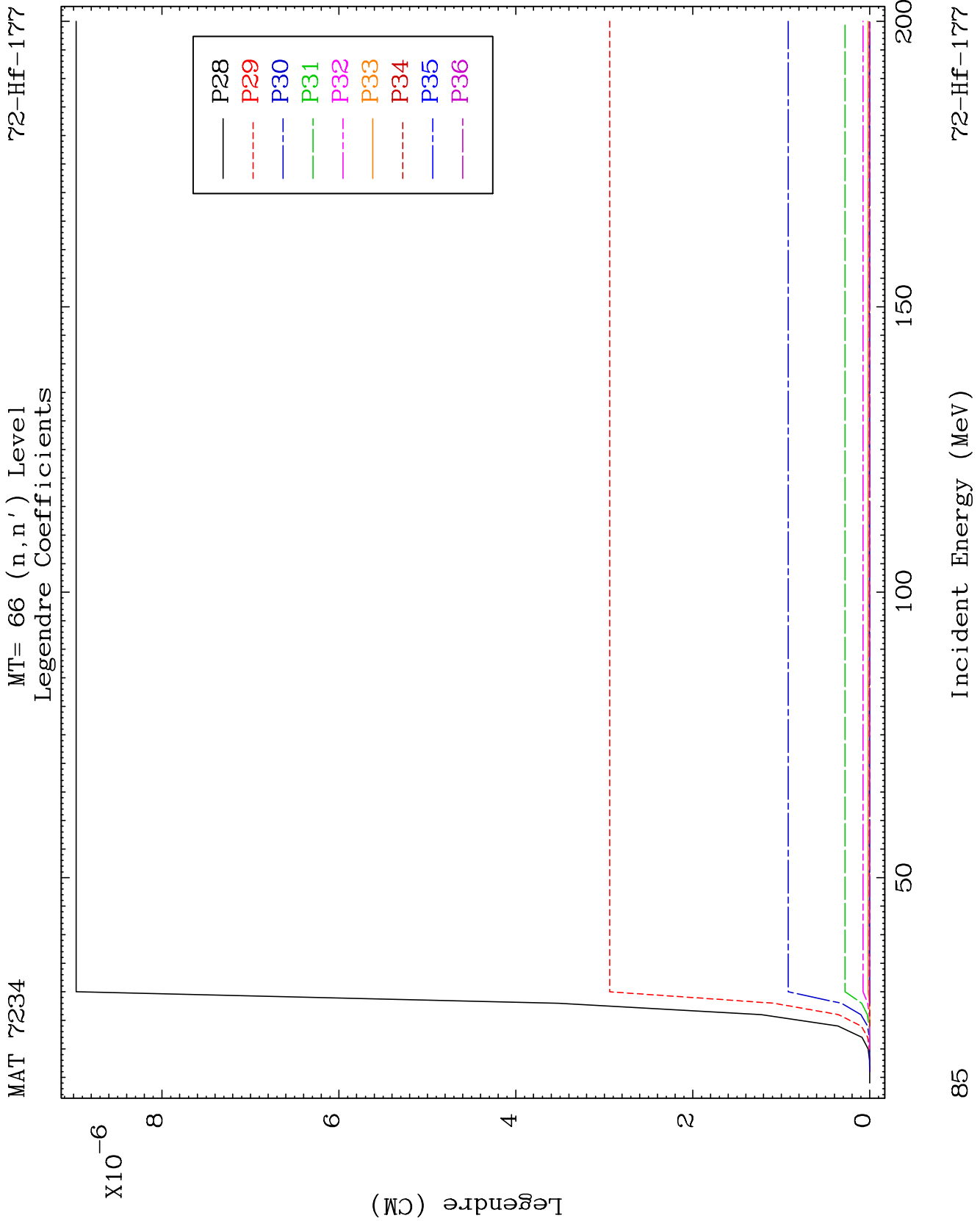


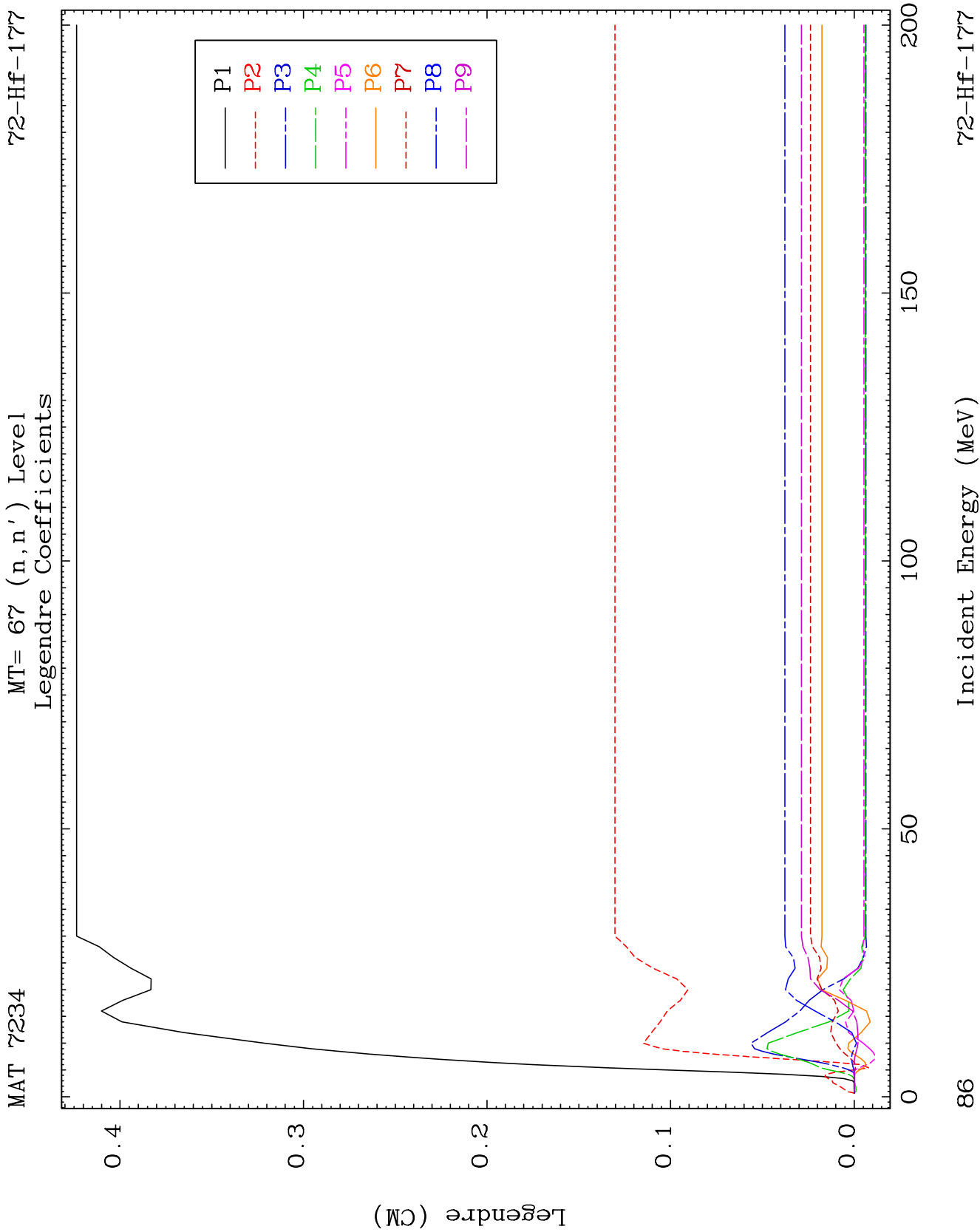


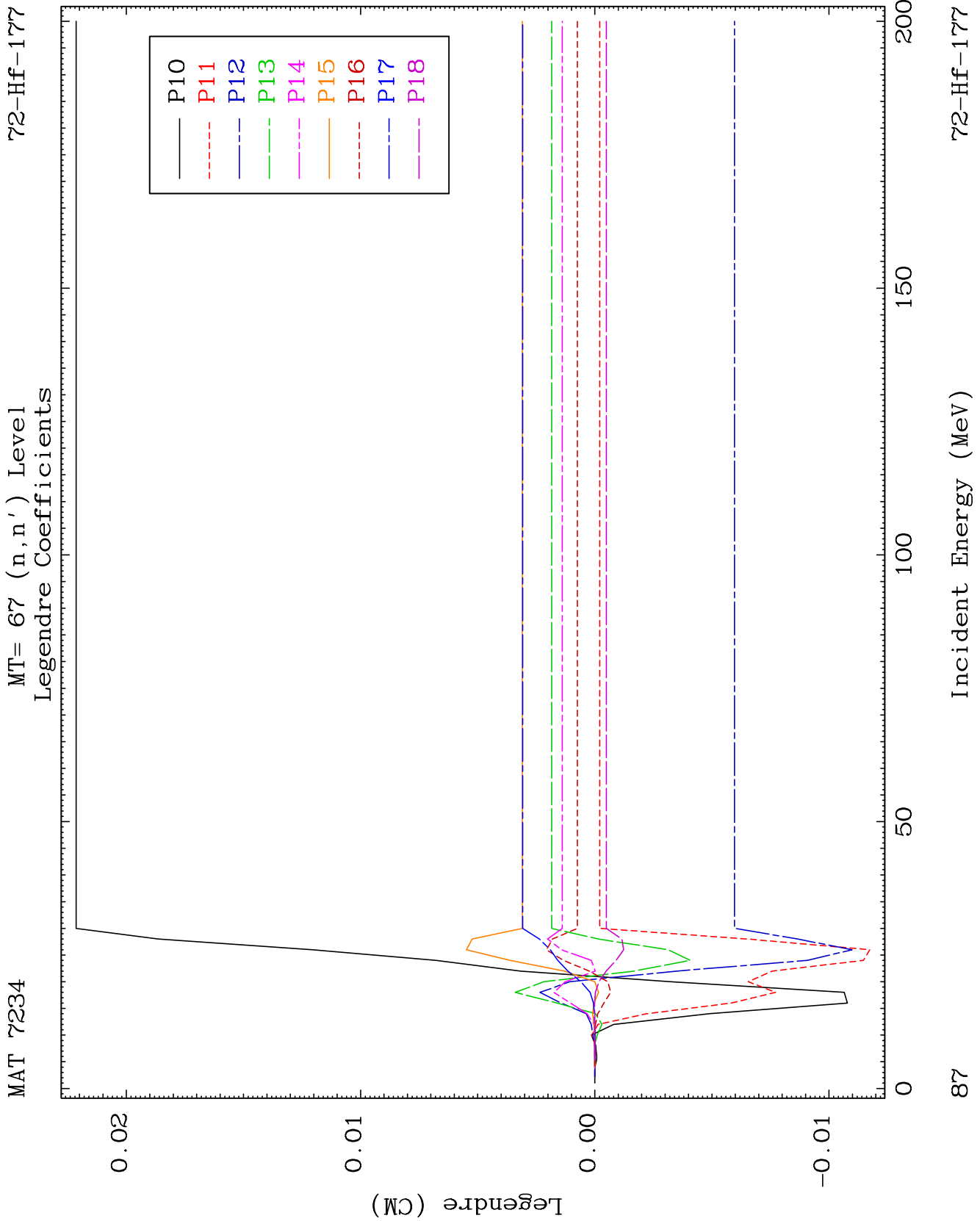








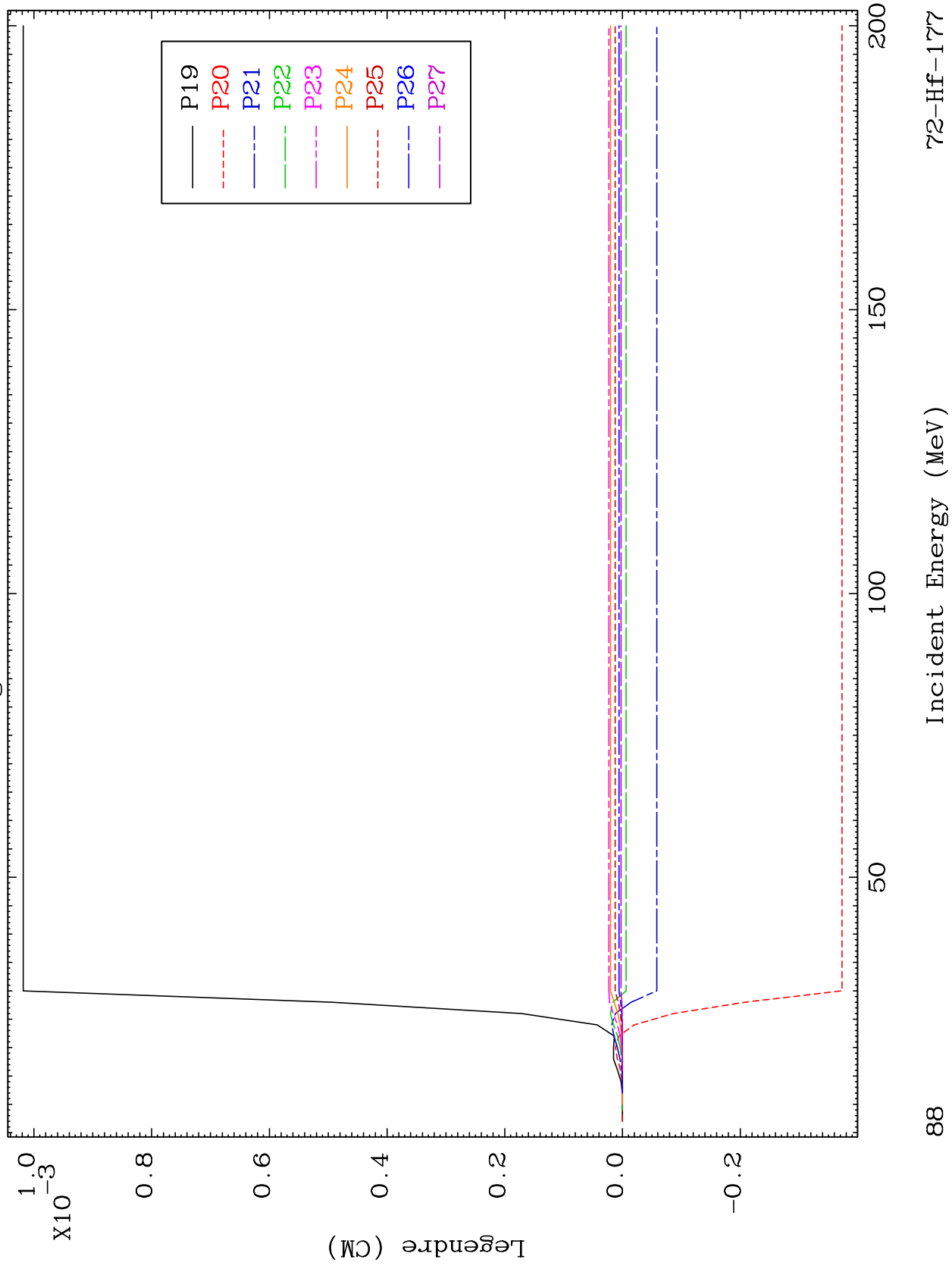


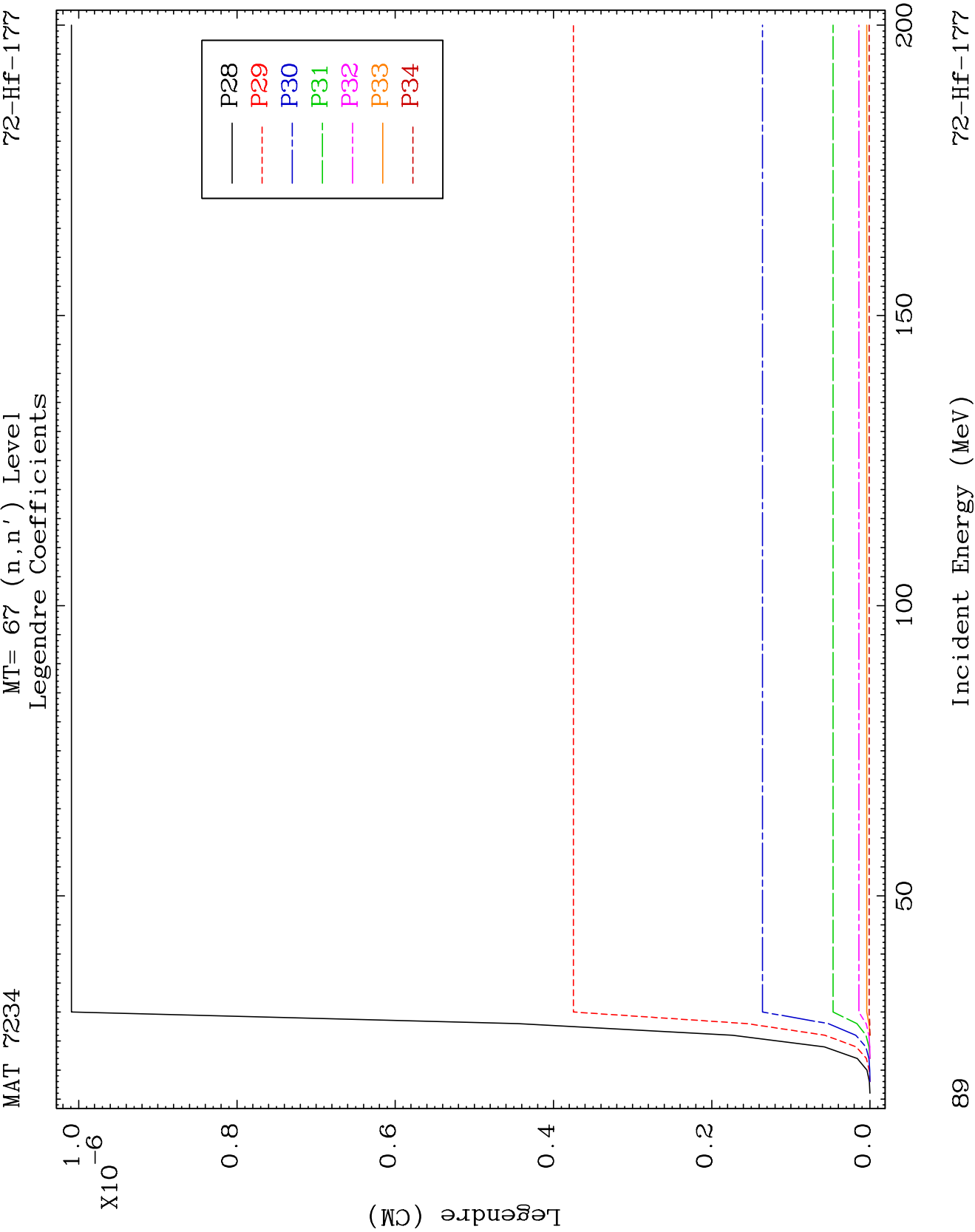


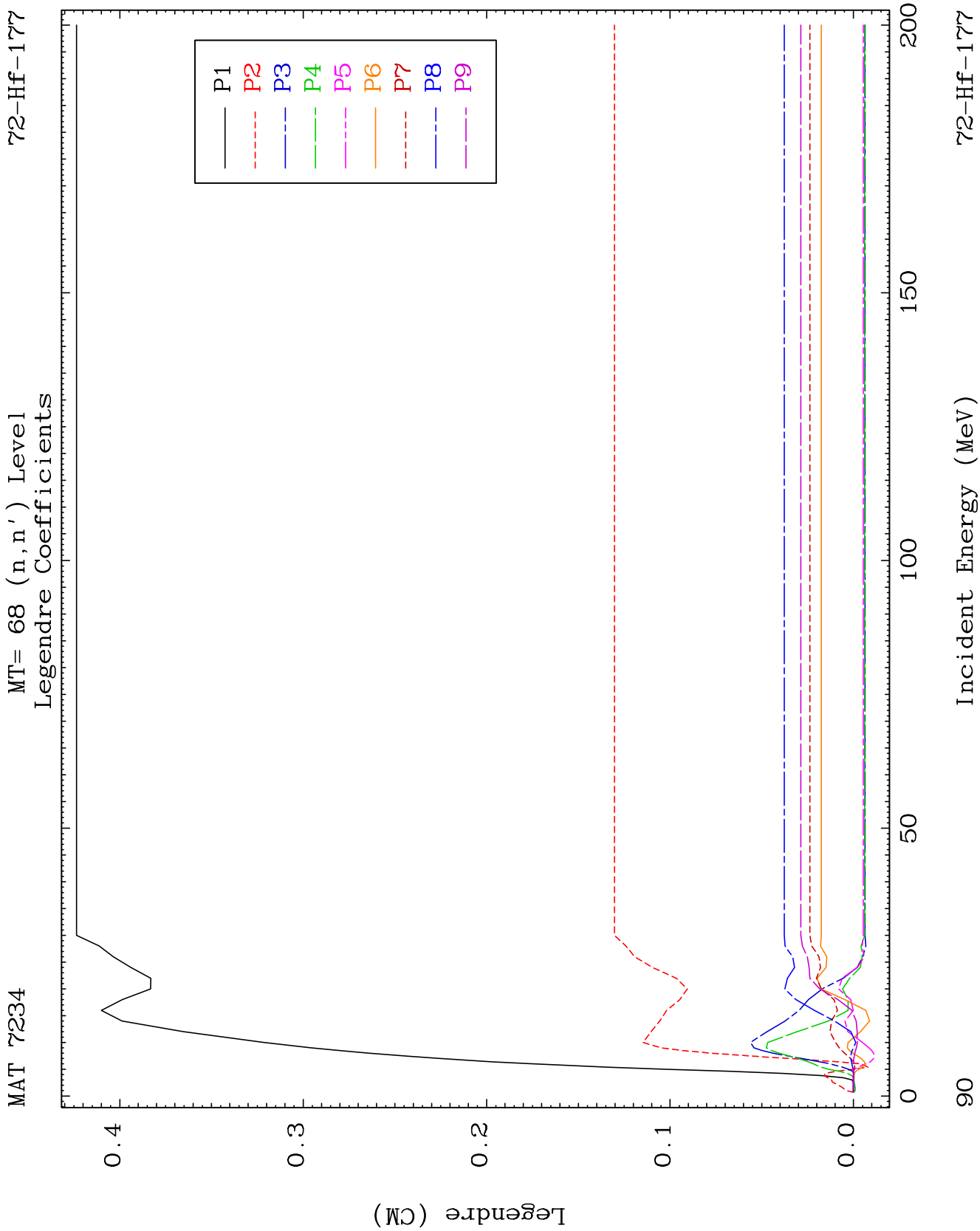
MAT 7234

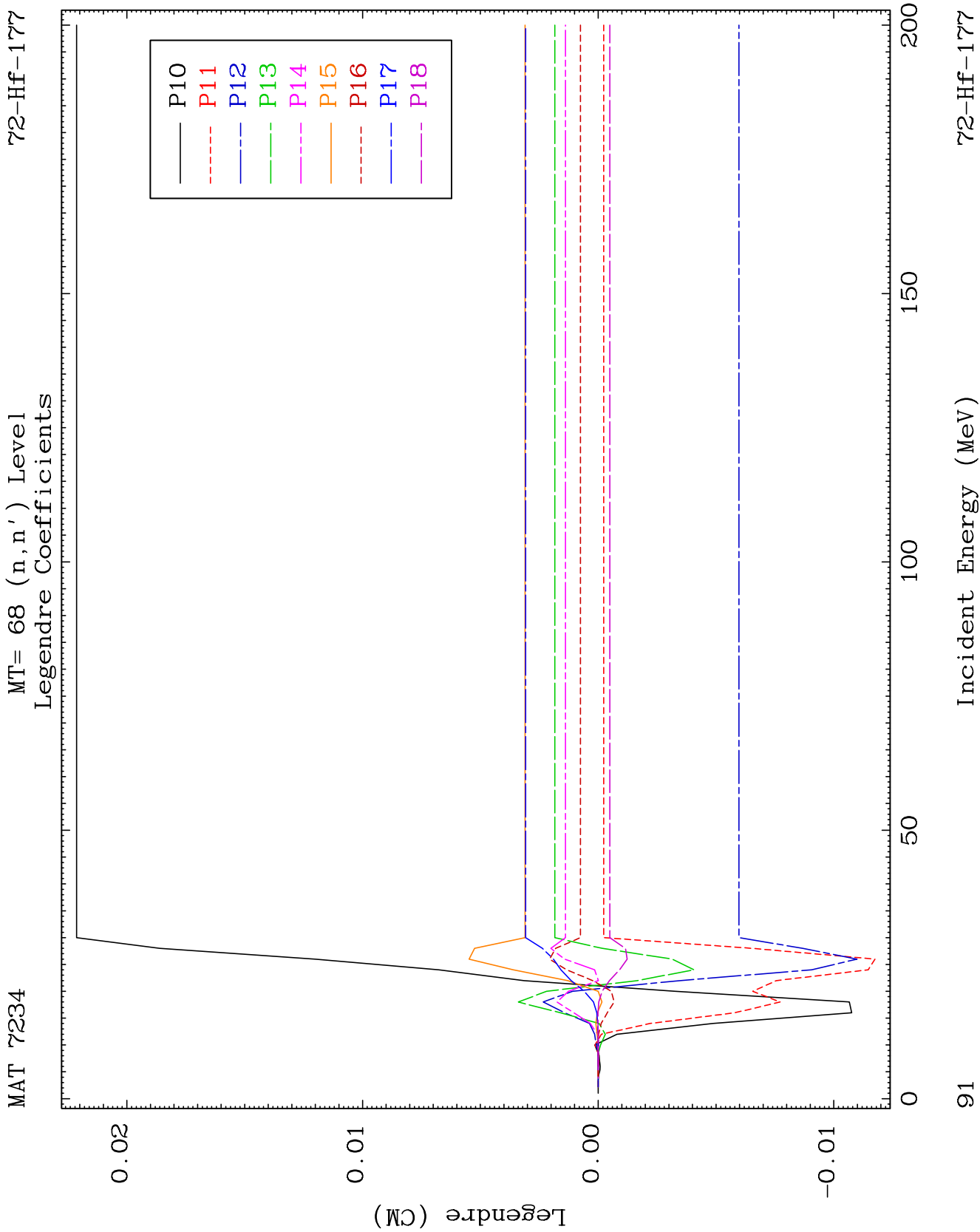
MT= 67 (n, n') Level
Legendre Coefficients

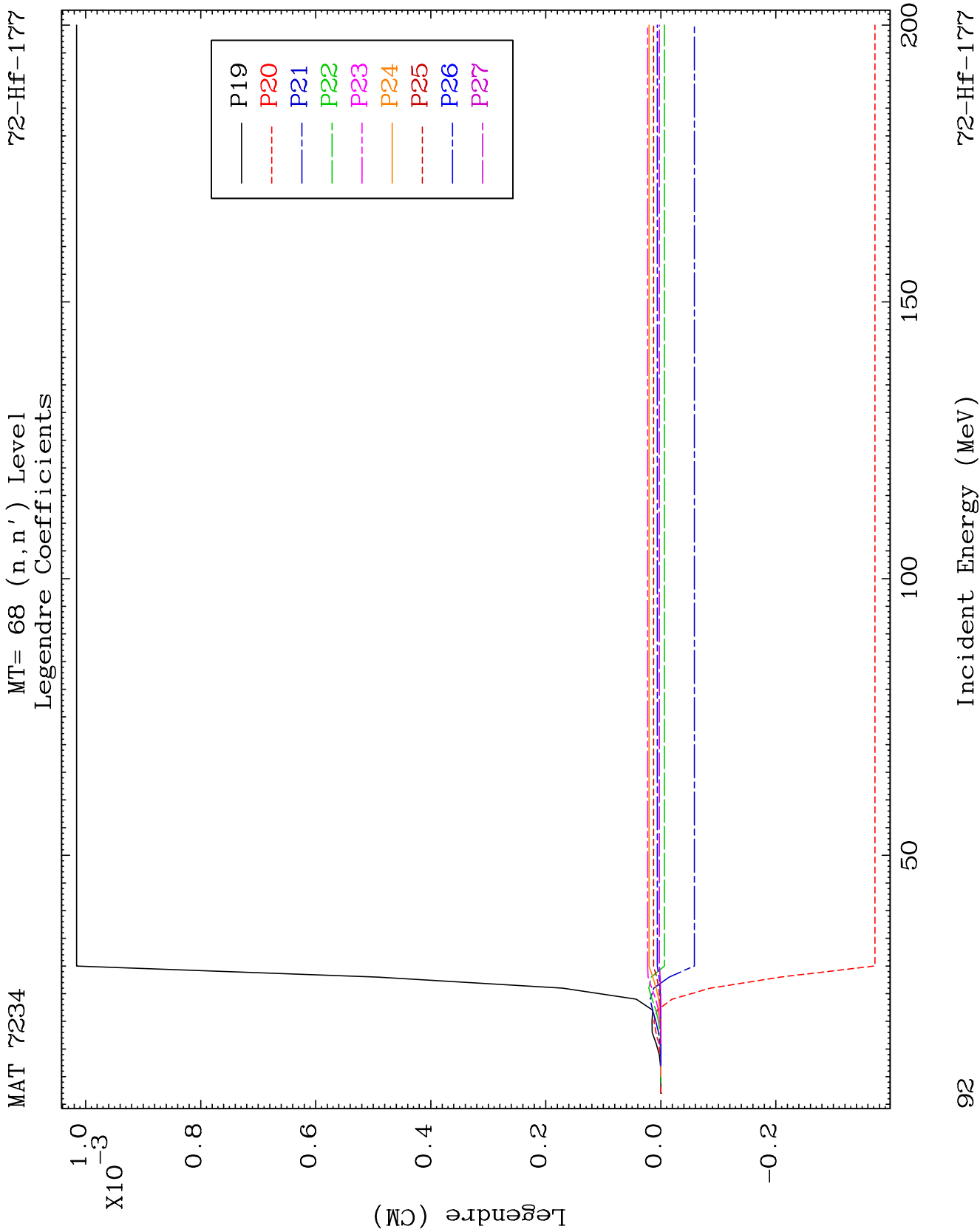
72-Hf-177

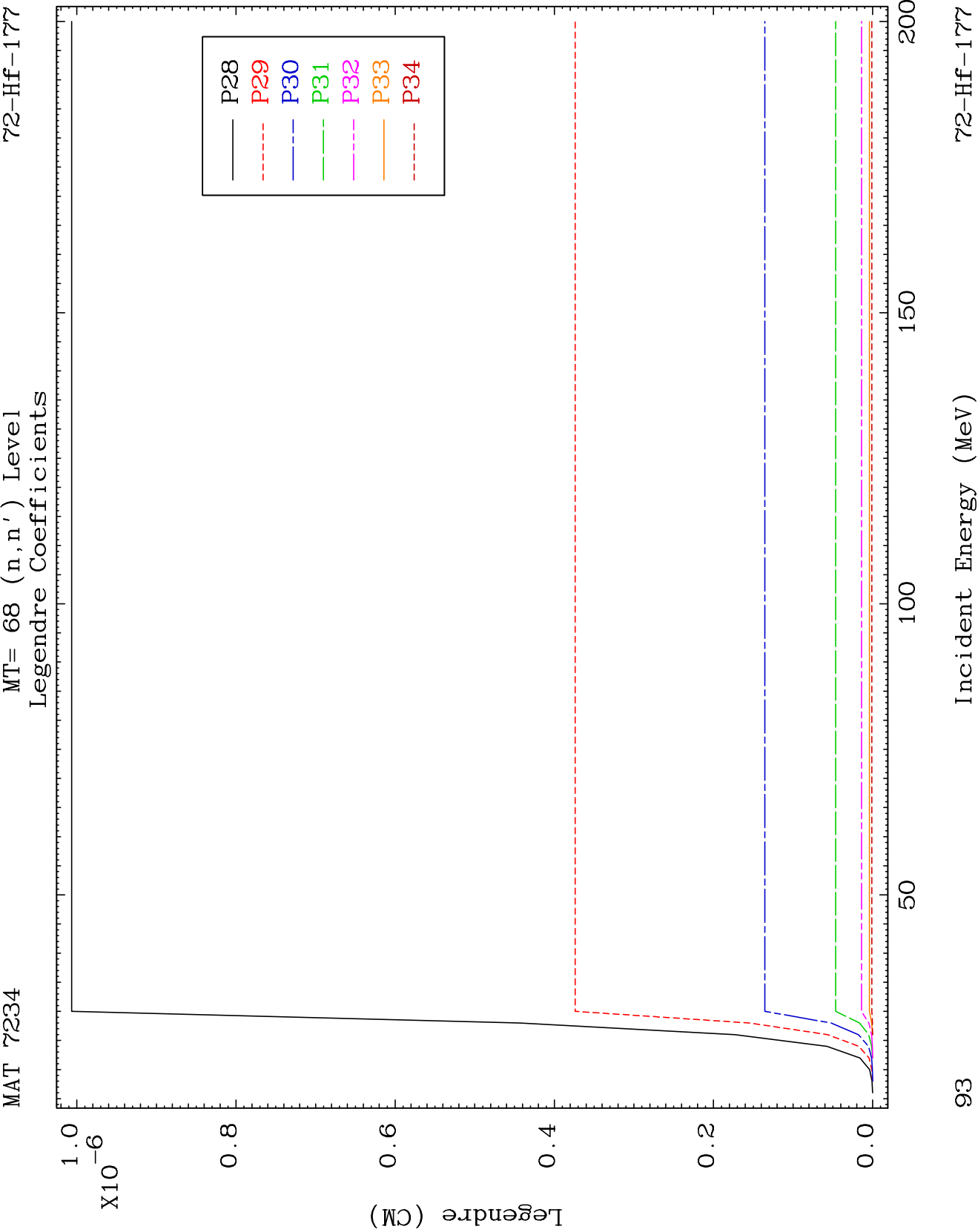








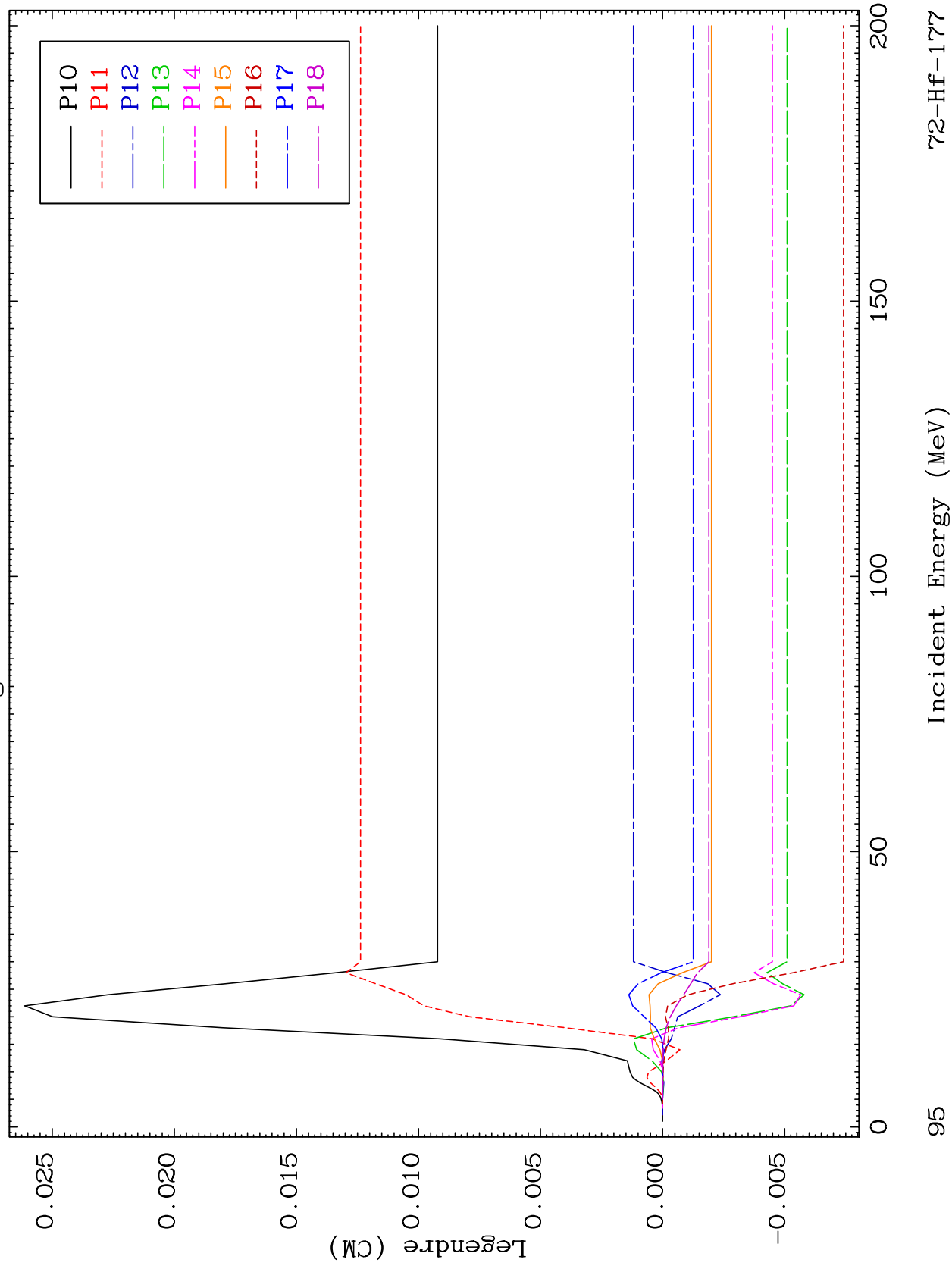


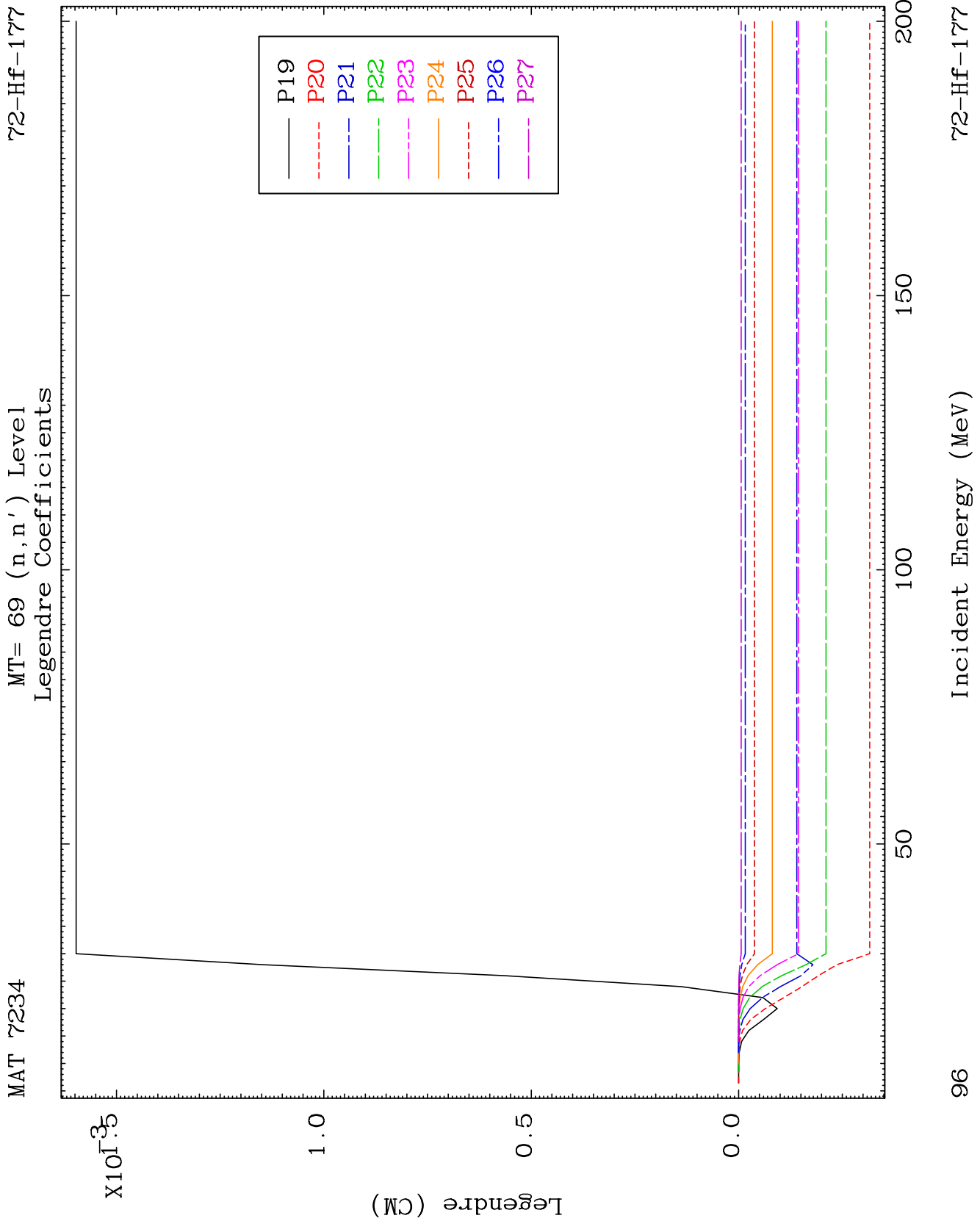


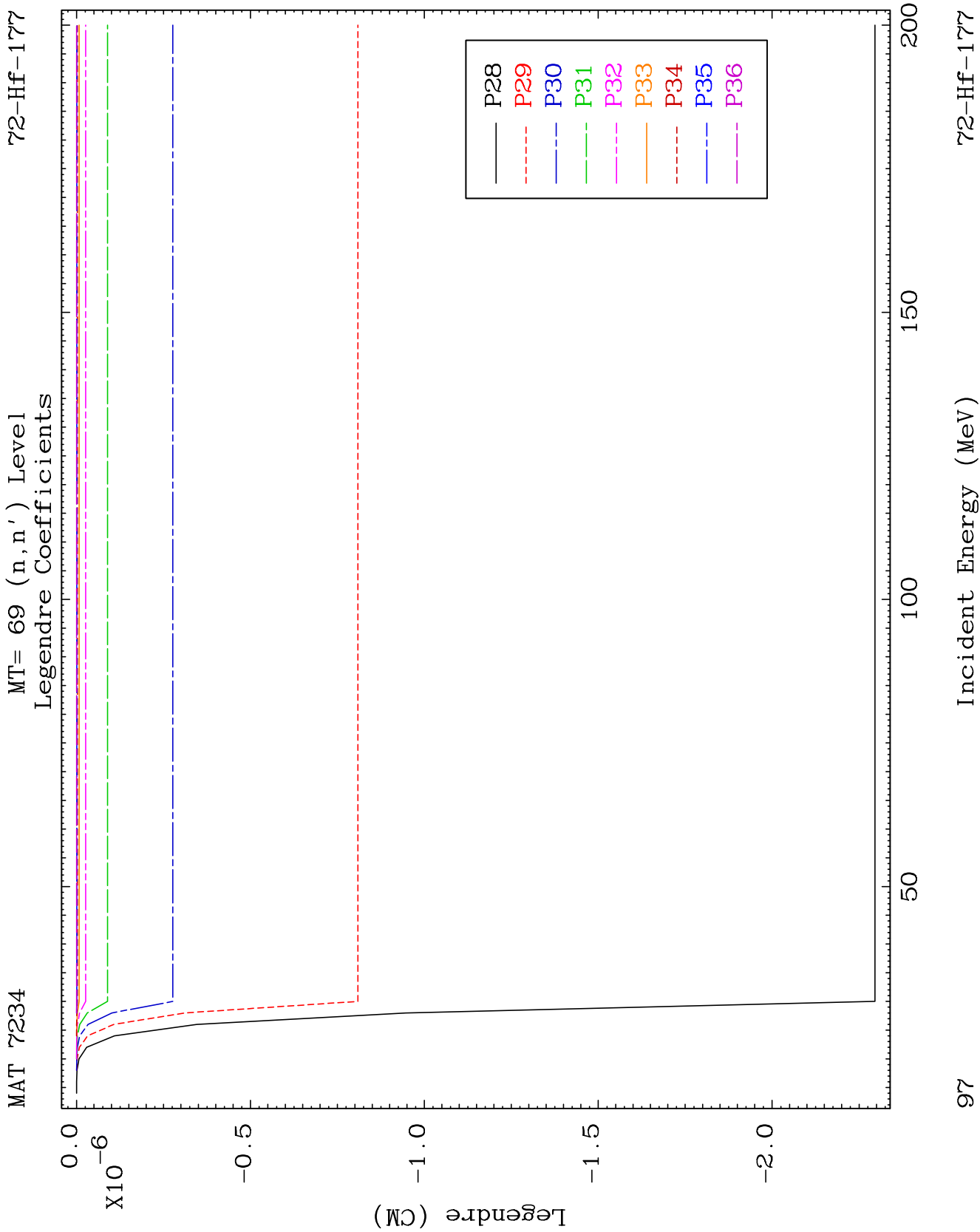
MAT 7234

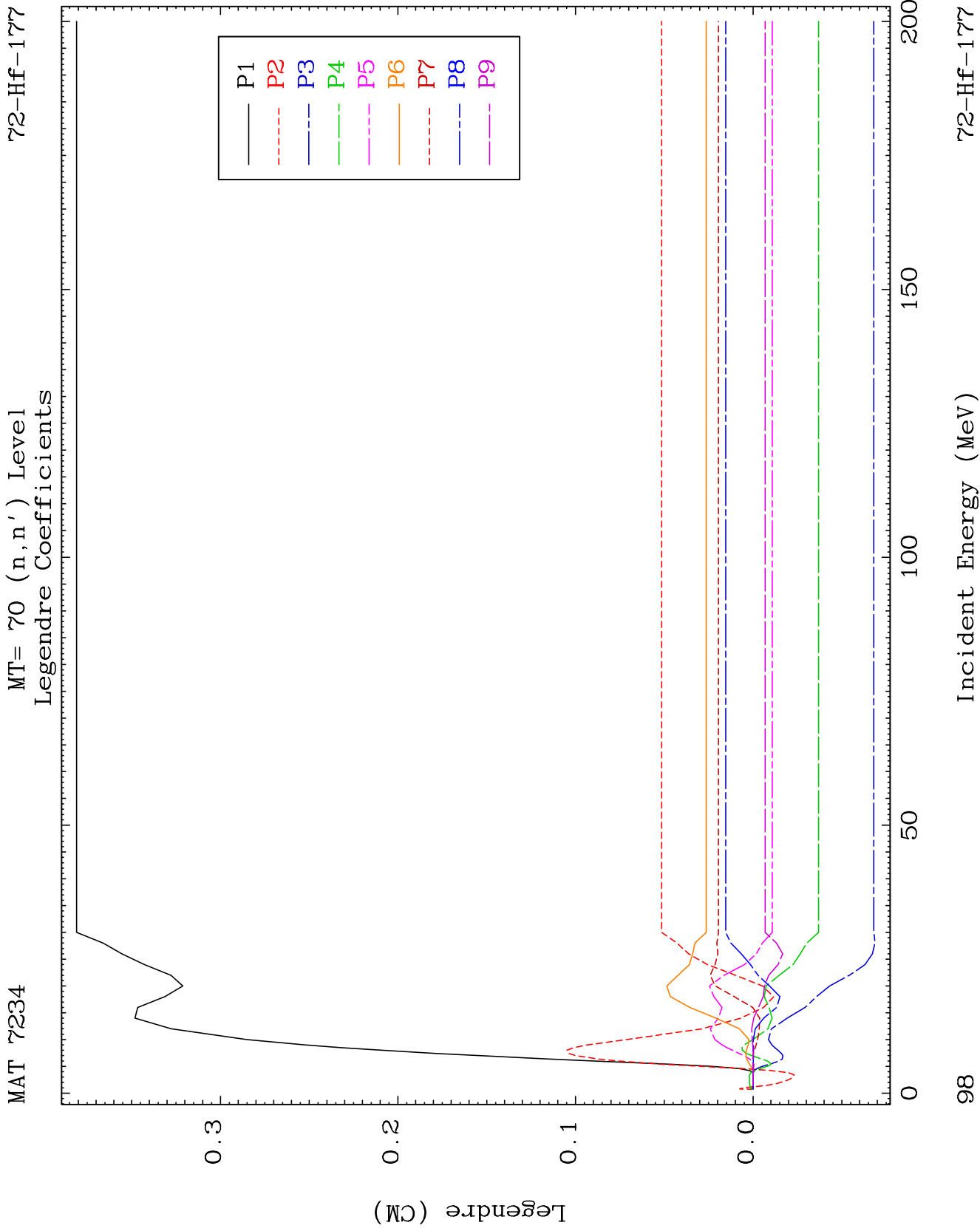
MT= 69 (n, n') Level
Legendre Coefficients

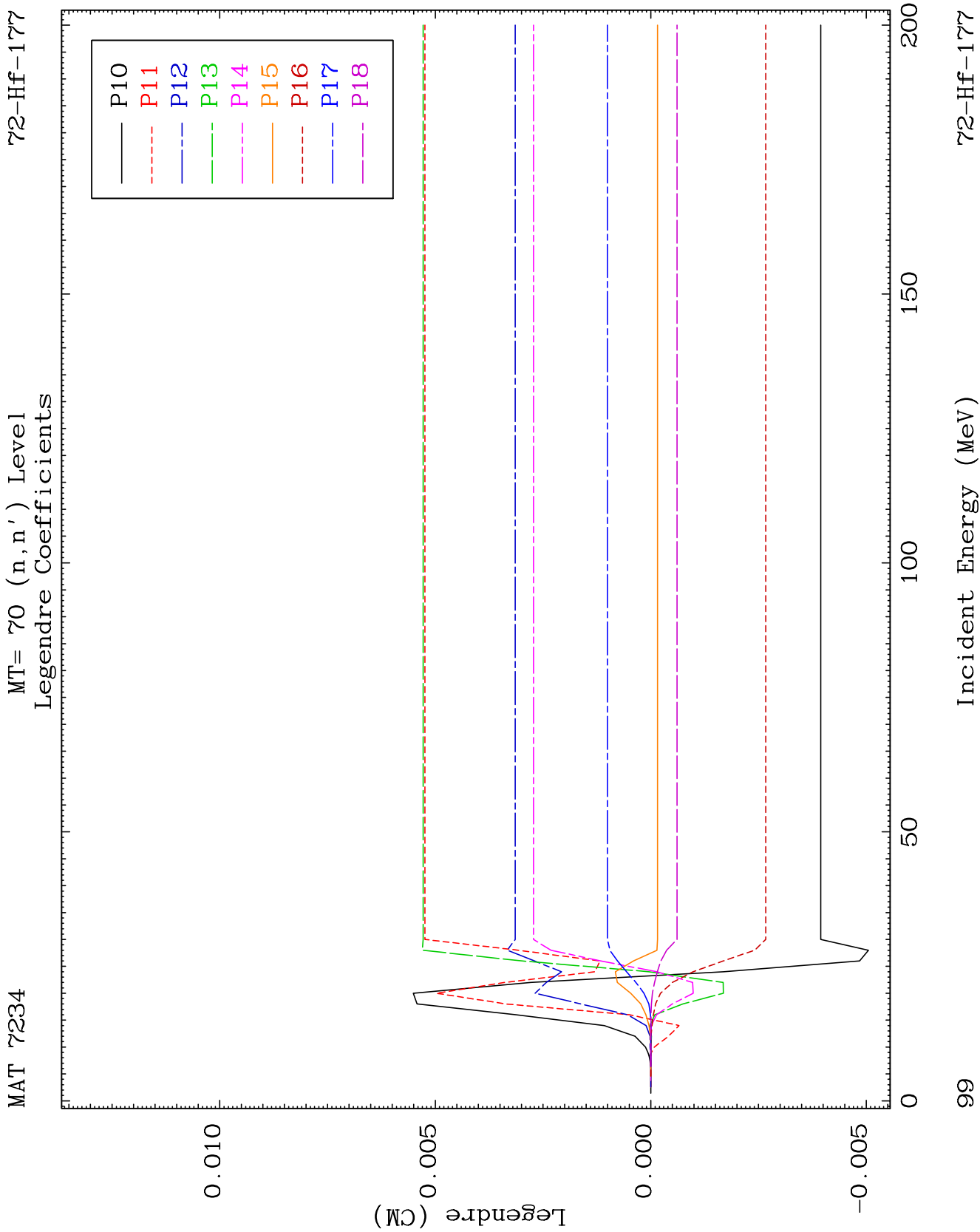
72-Hf-177

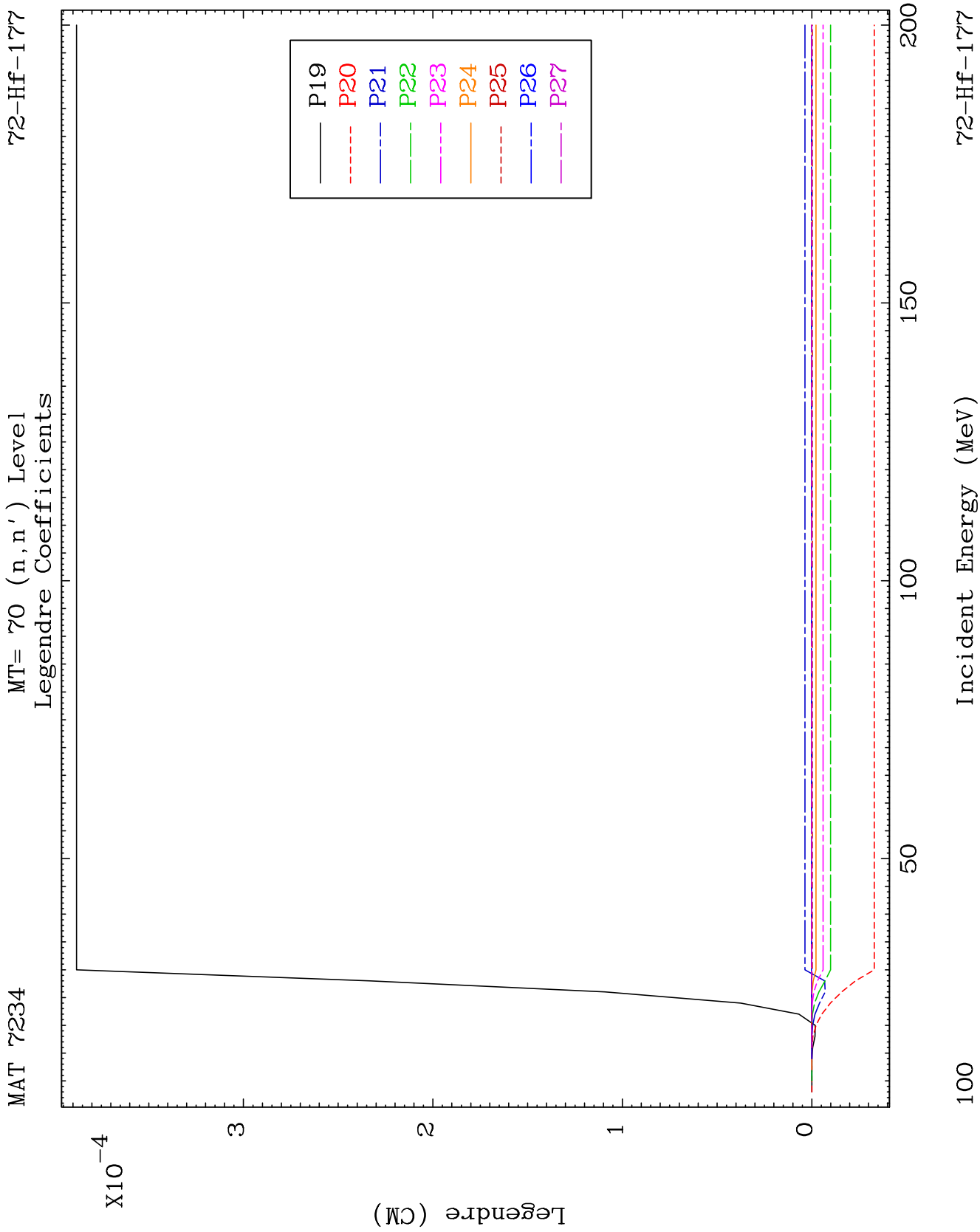


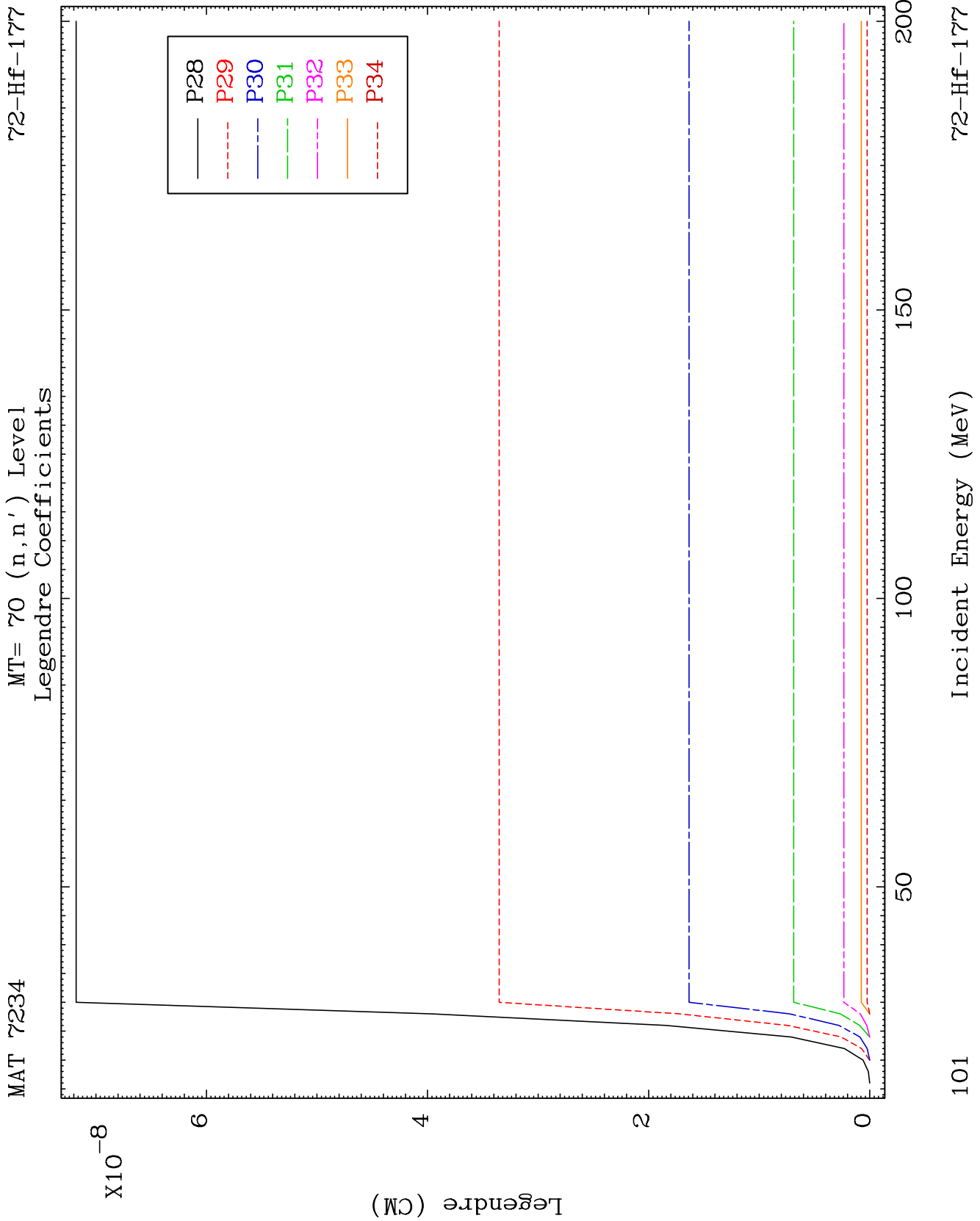


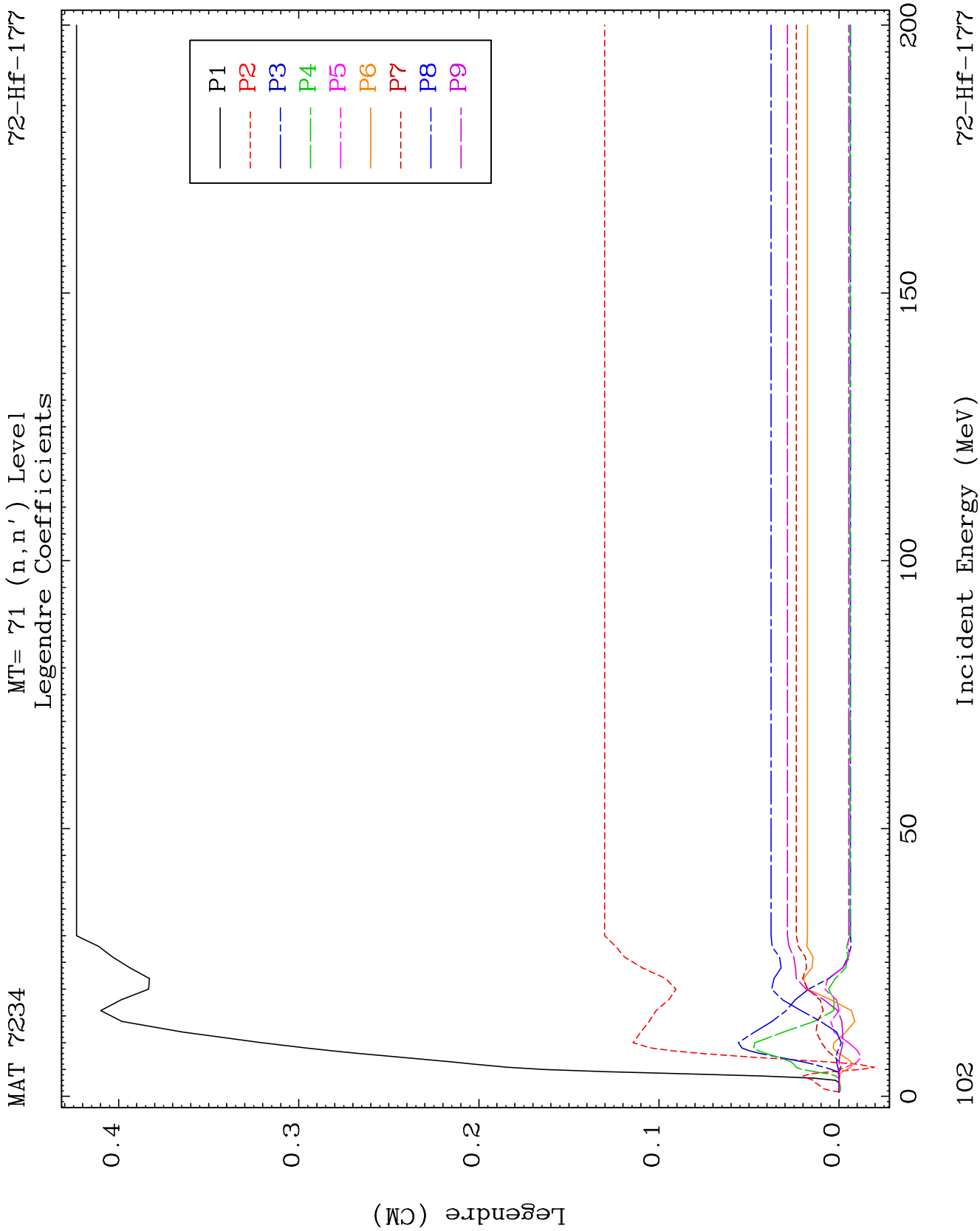


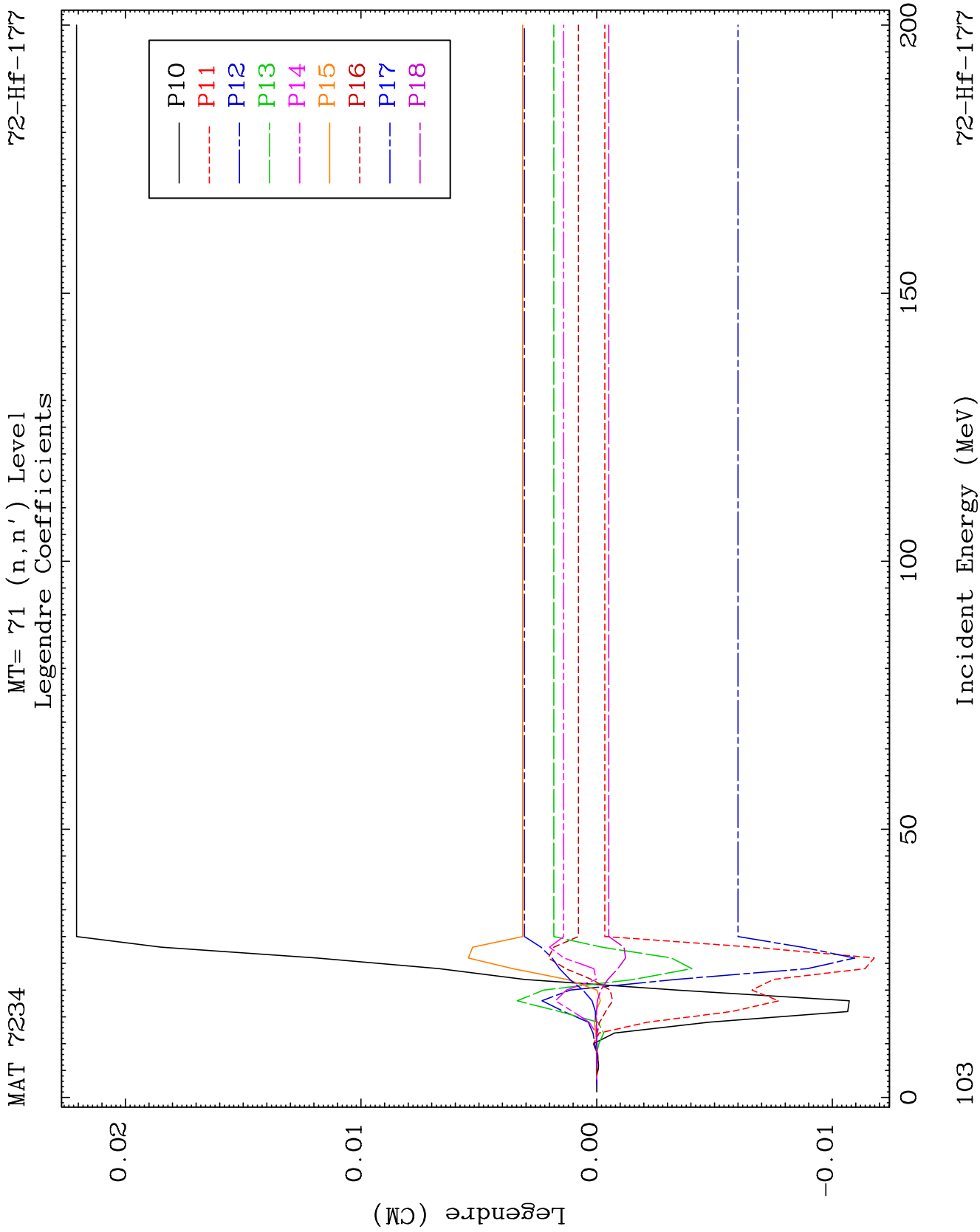


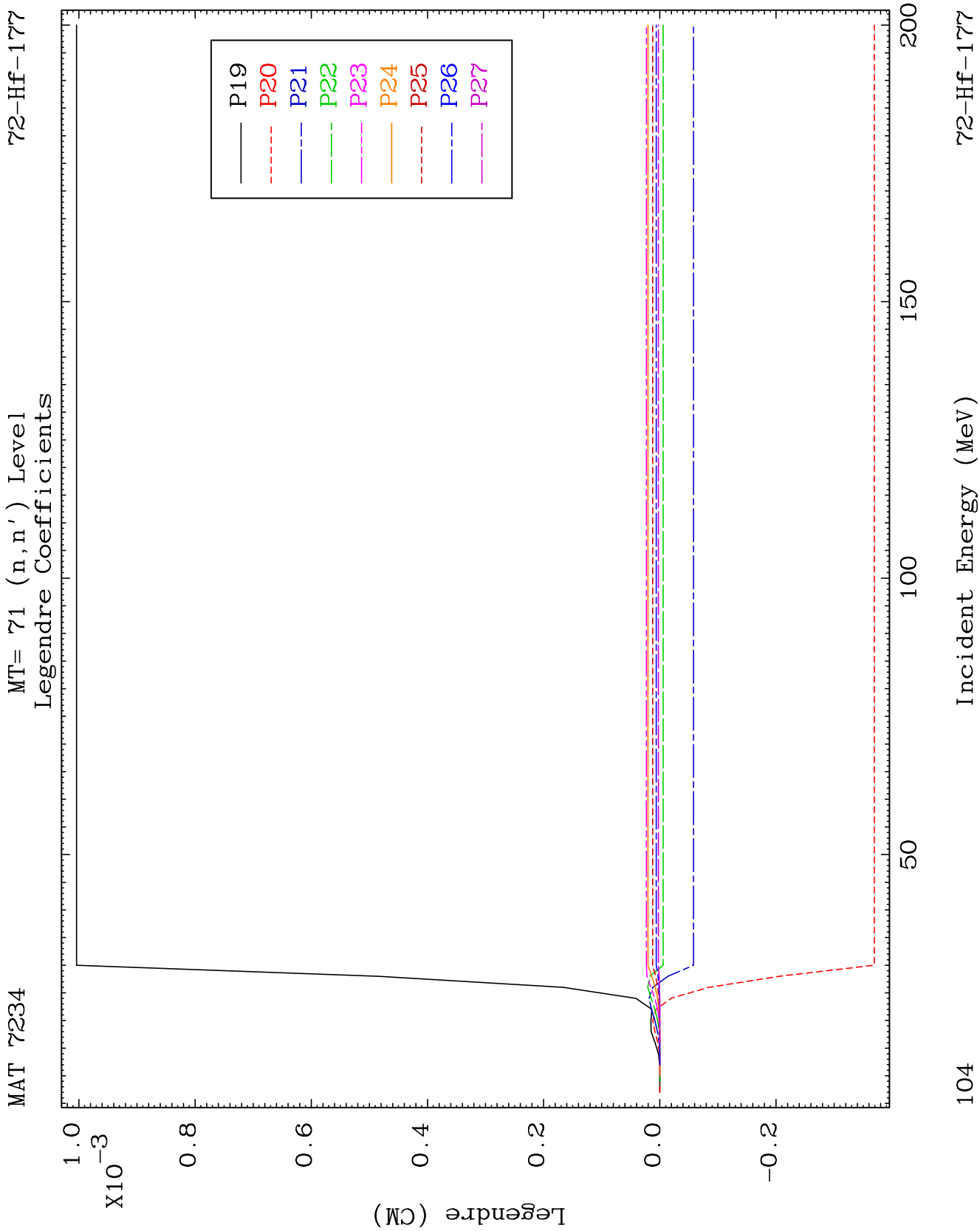


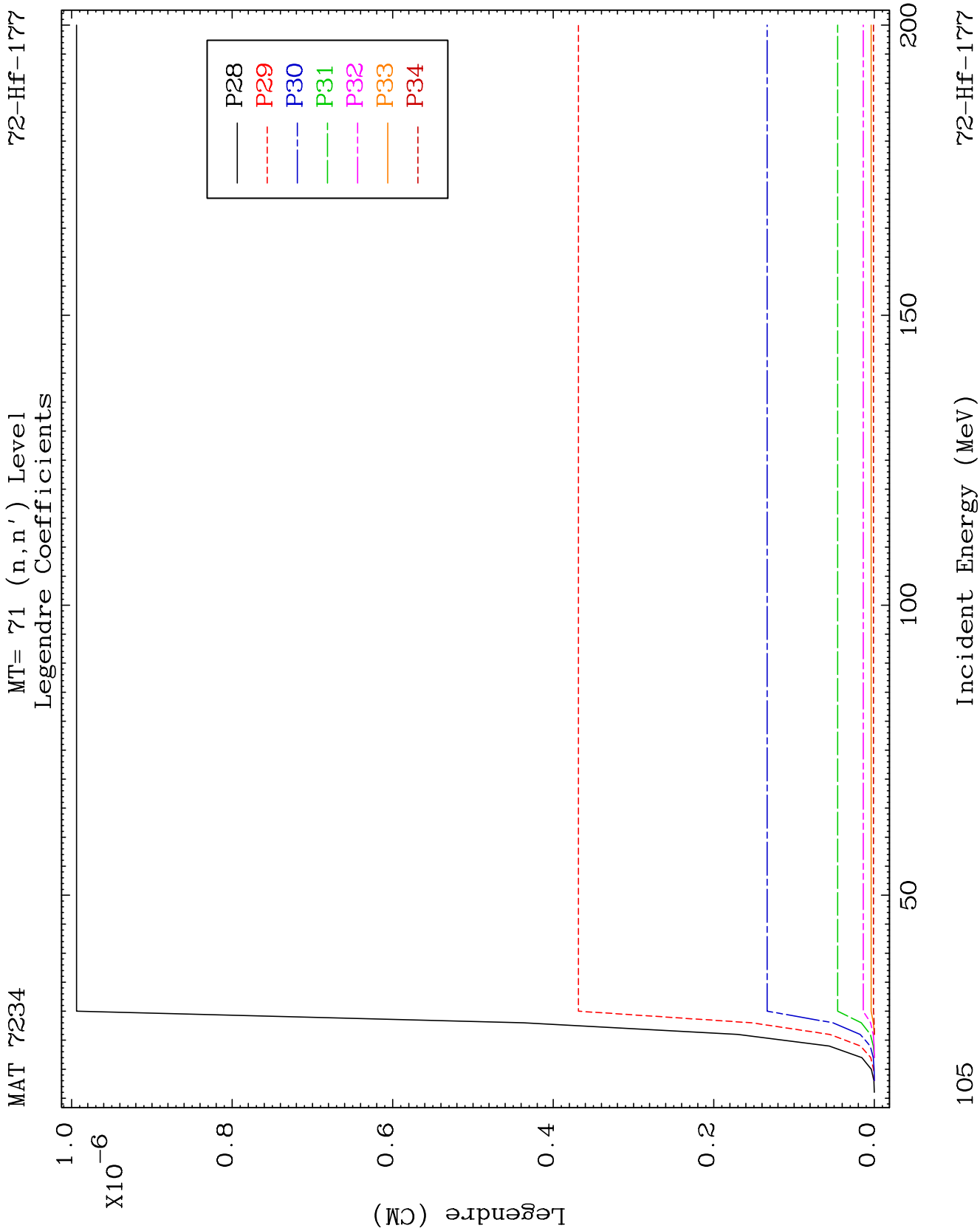








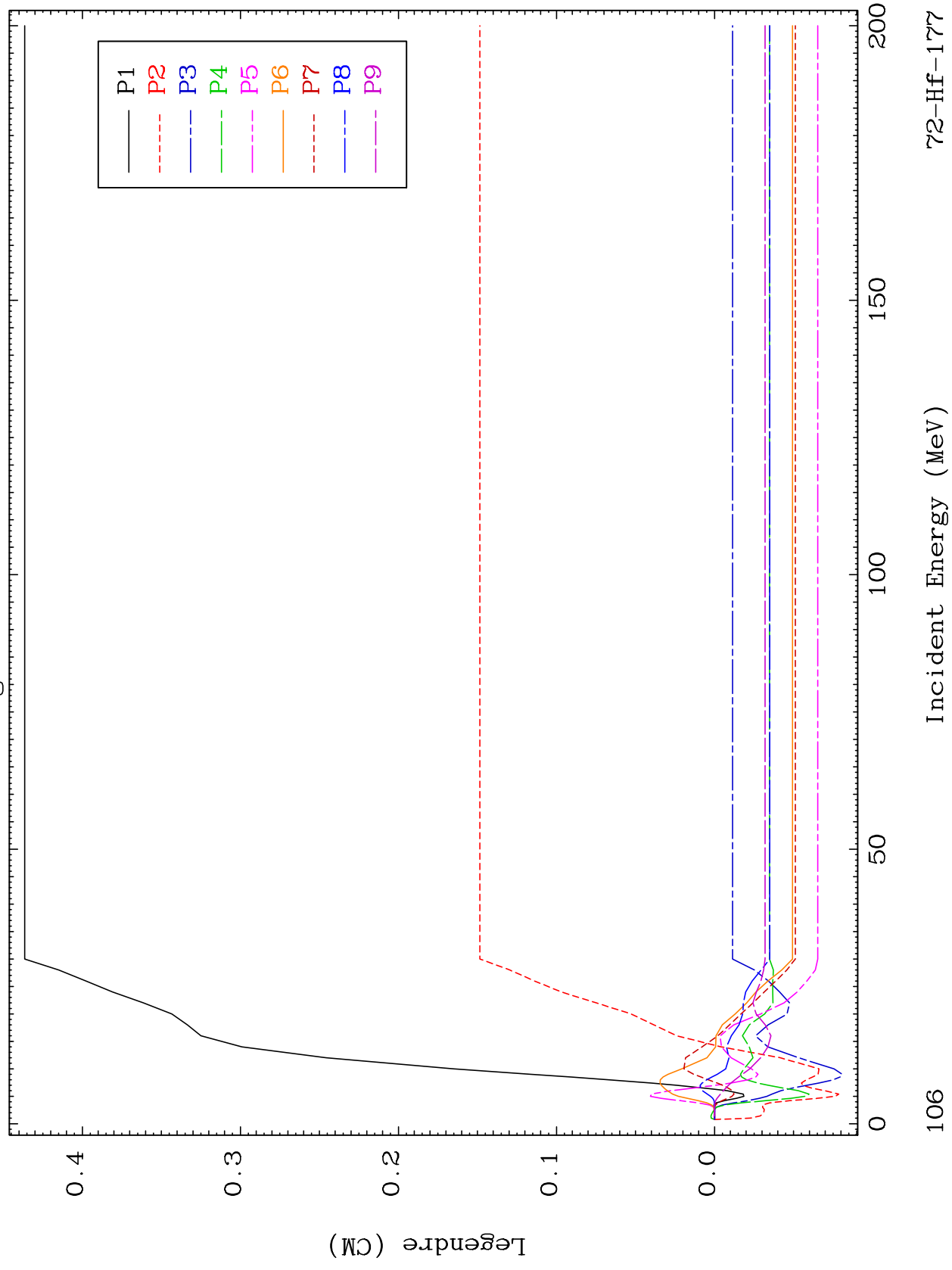




MAT 7234

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

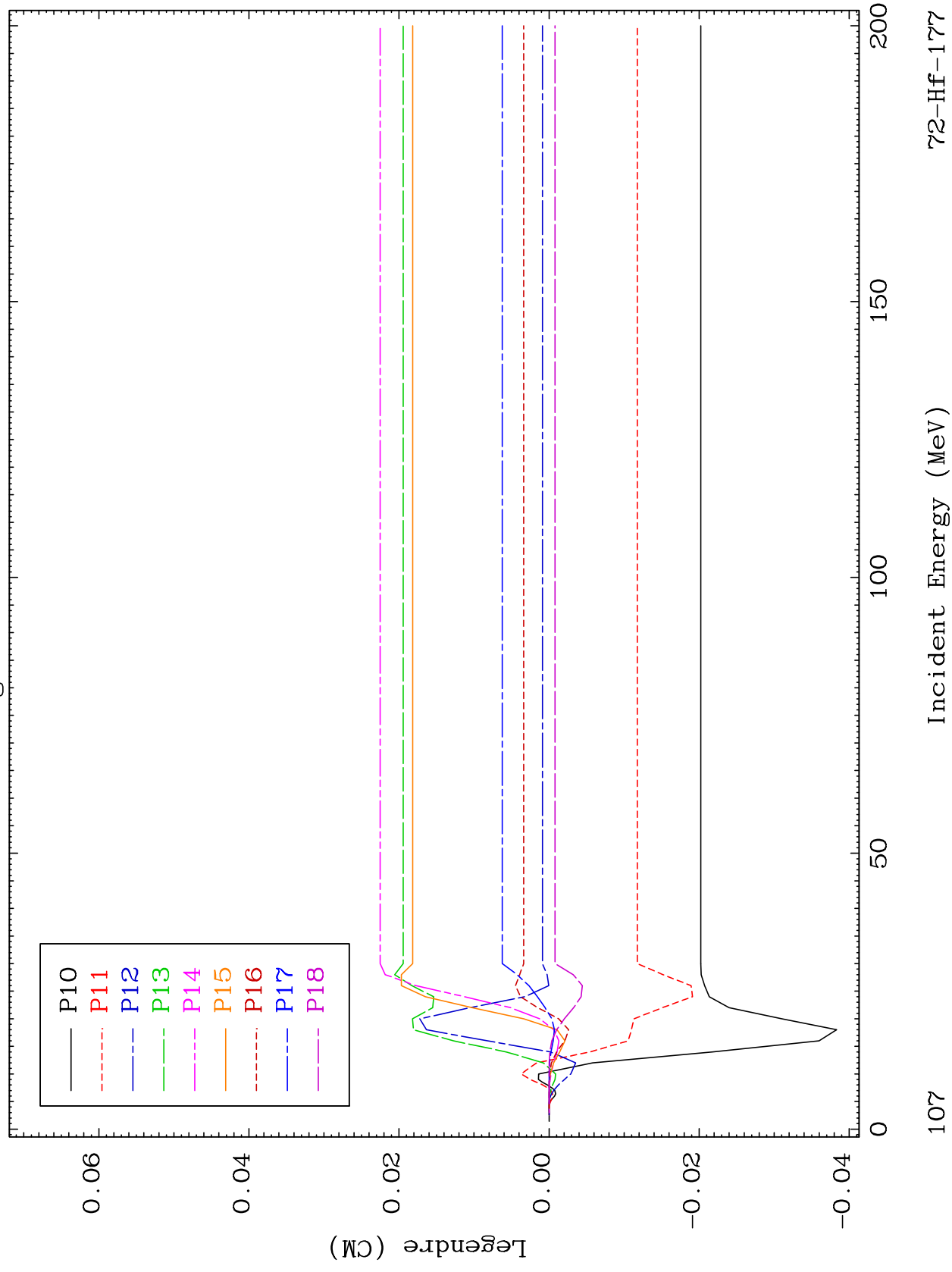
72-Hf-177



MAT 7234

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

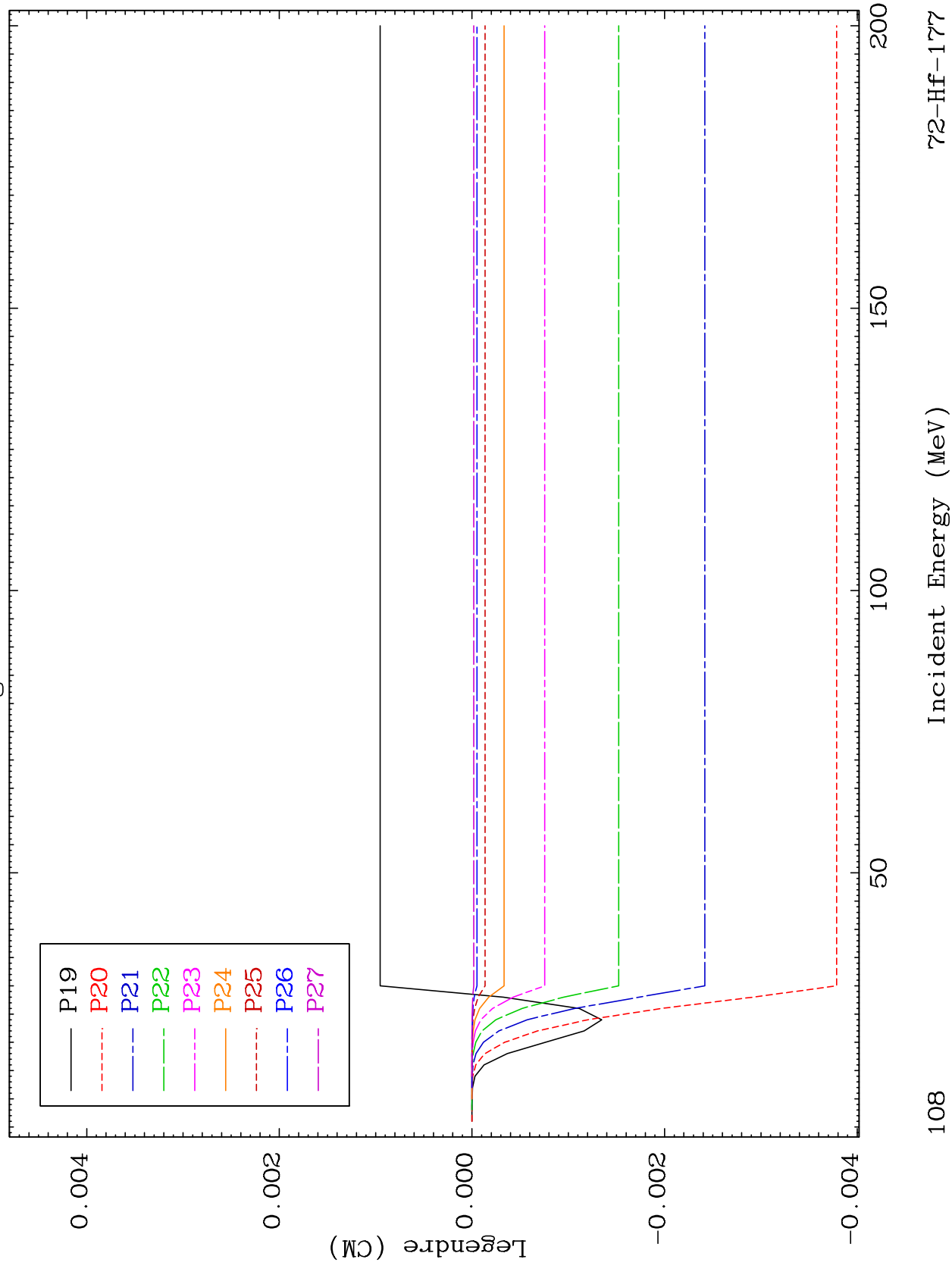
72-Hf-177

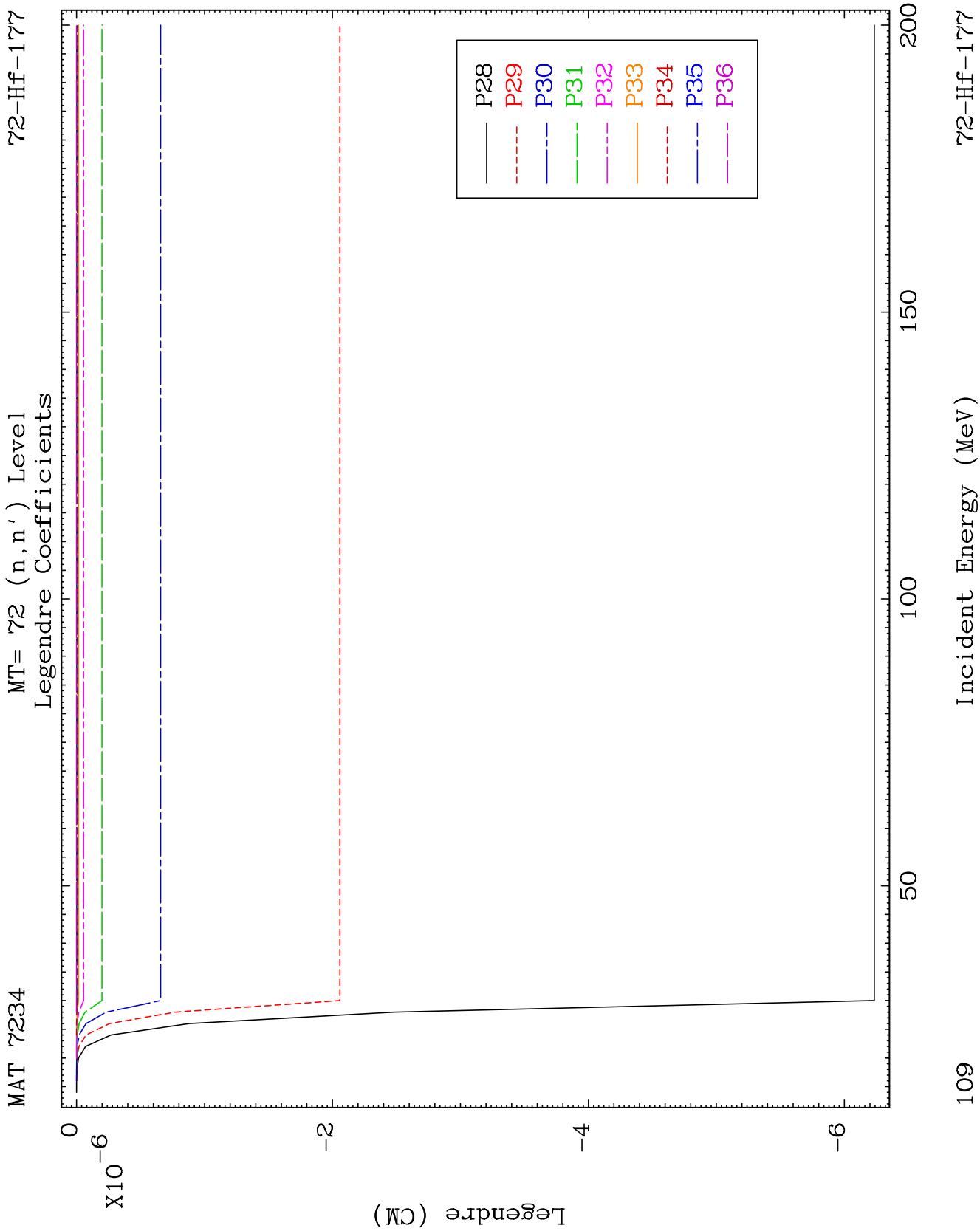


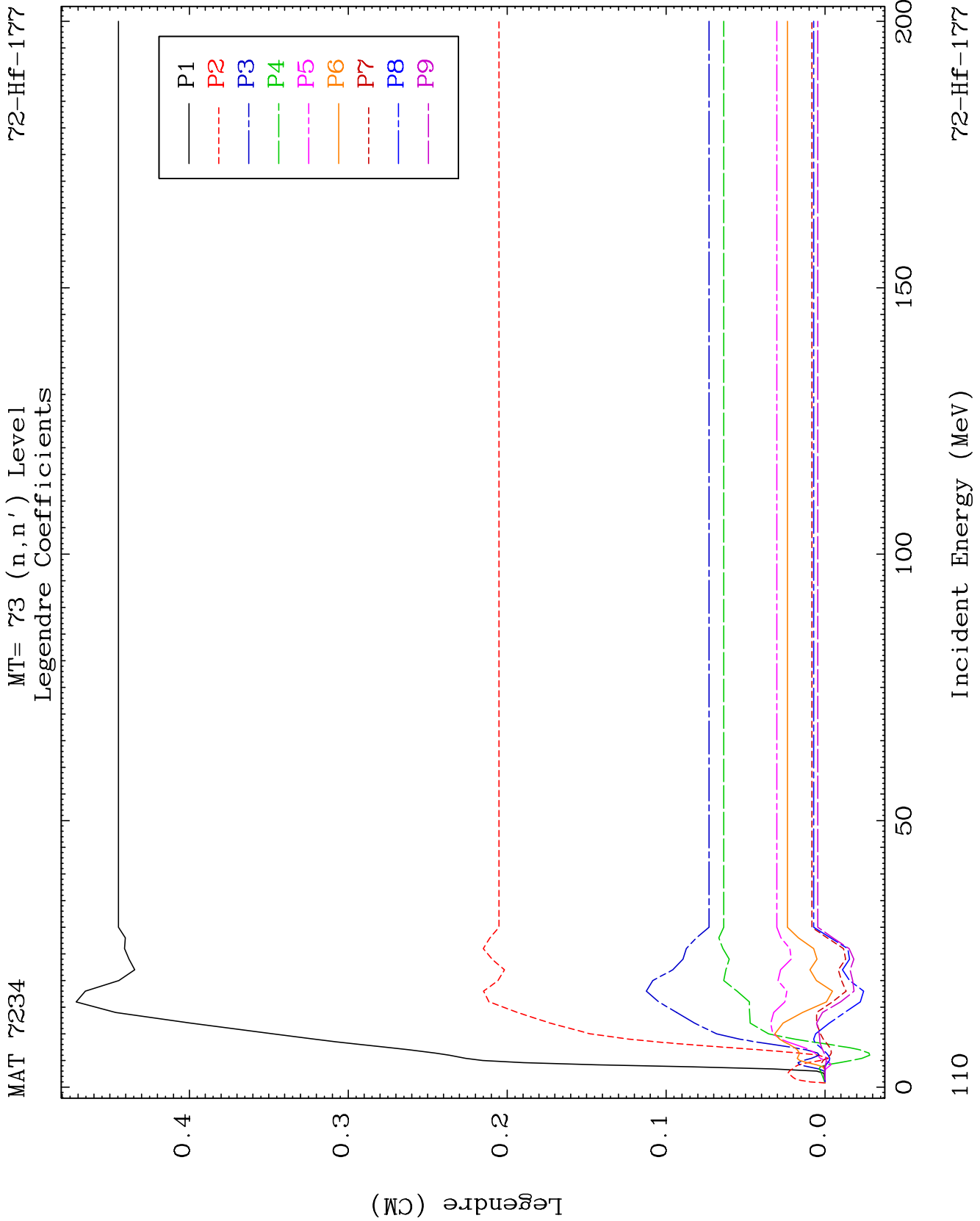
MAT 7234

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

72-Hf-177



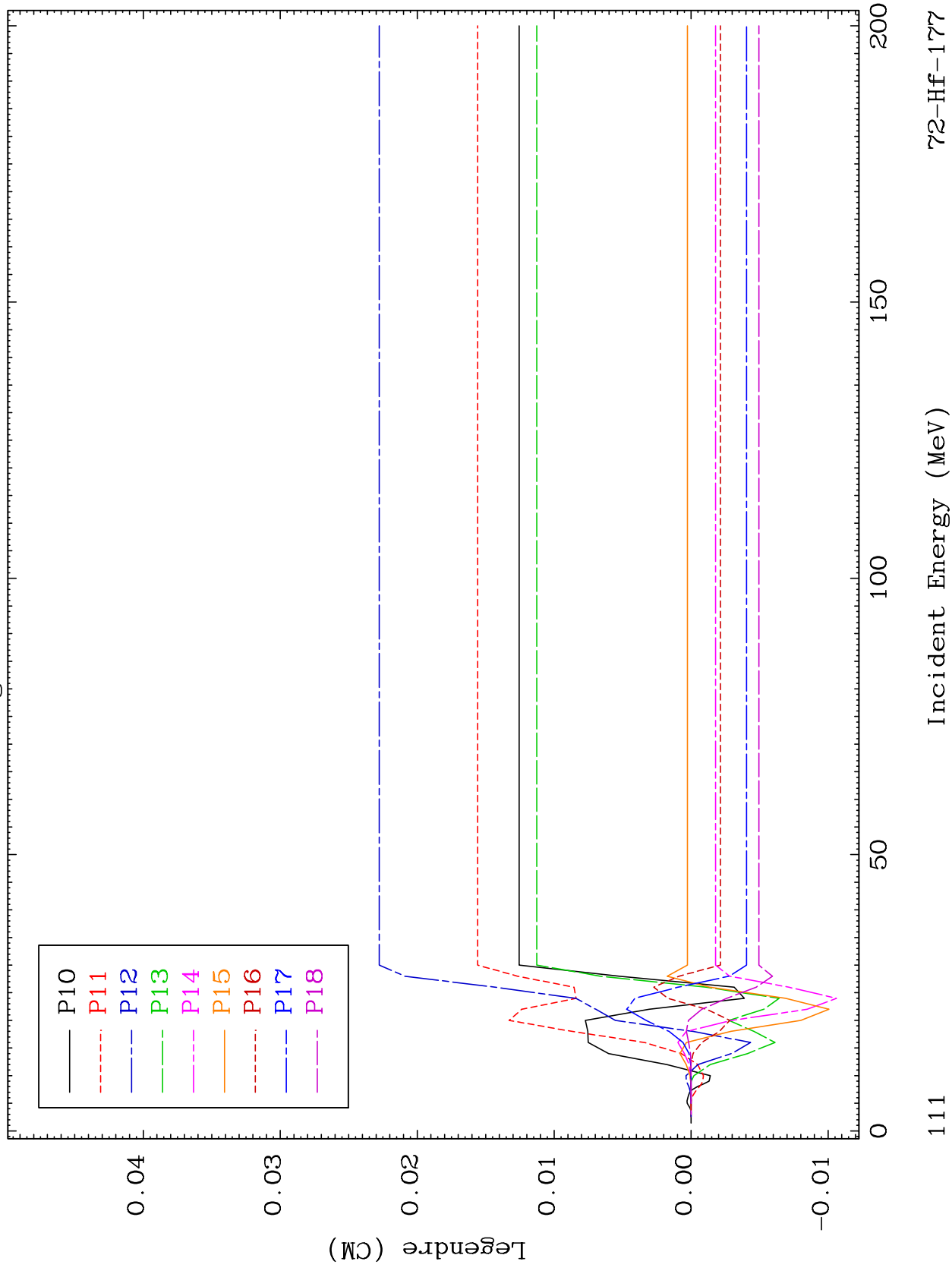


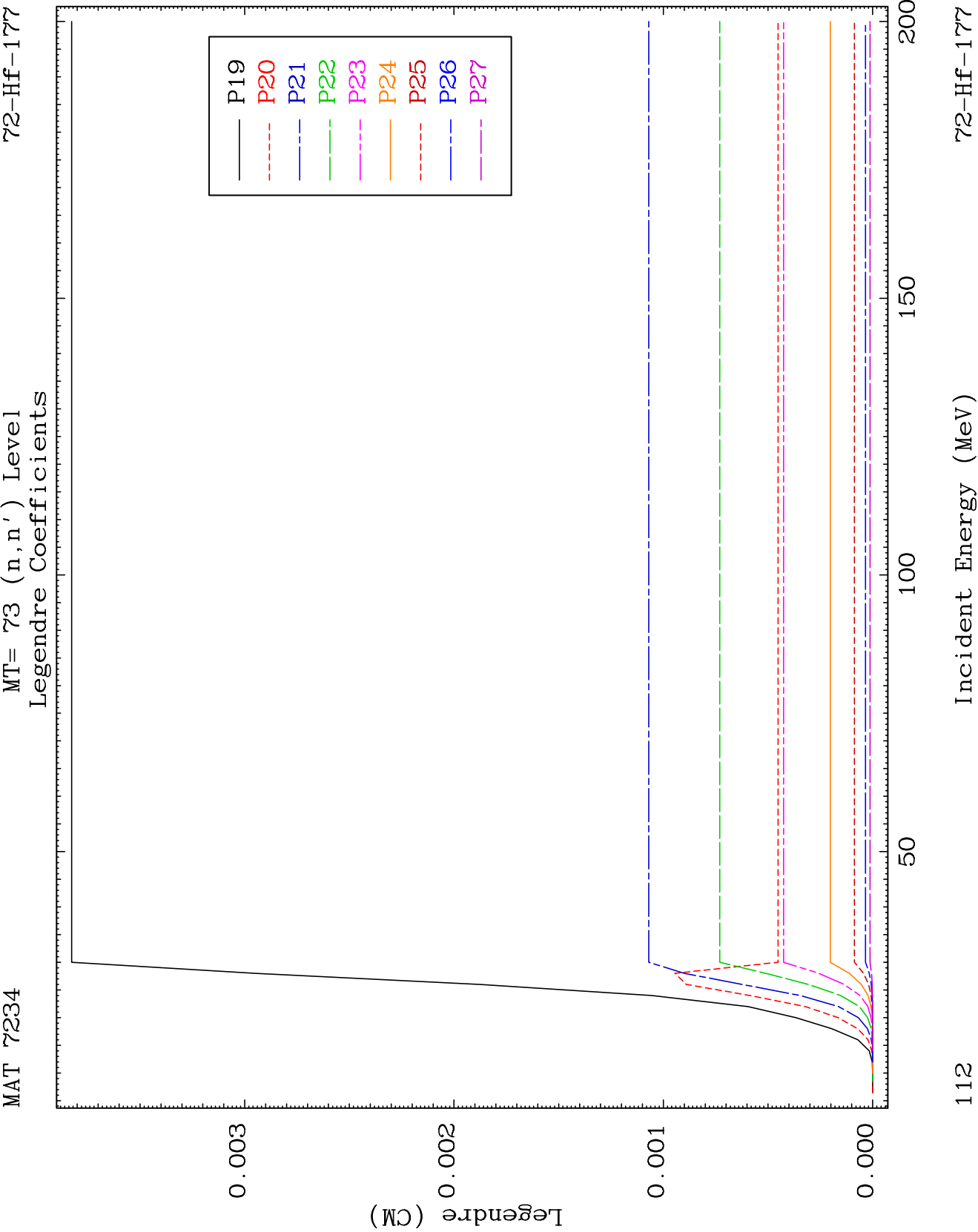


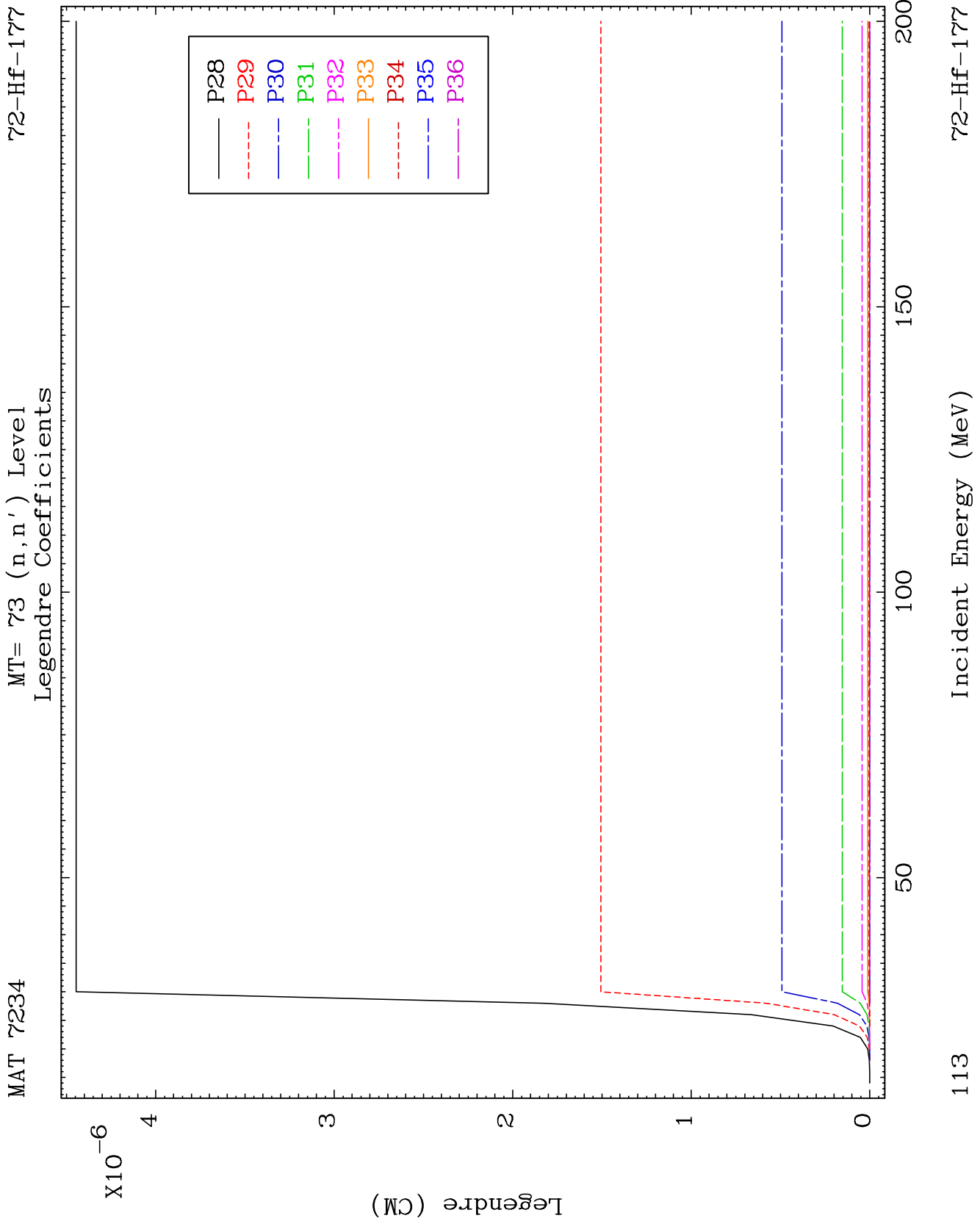
MAT 7234

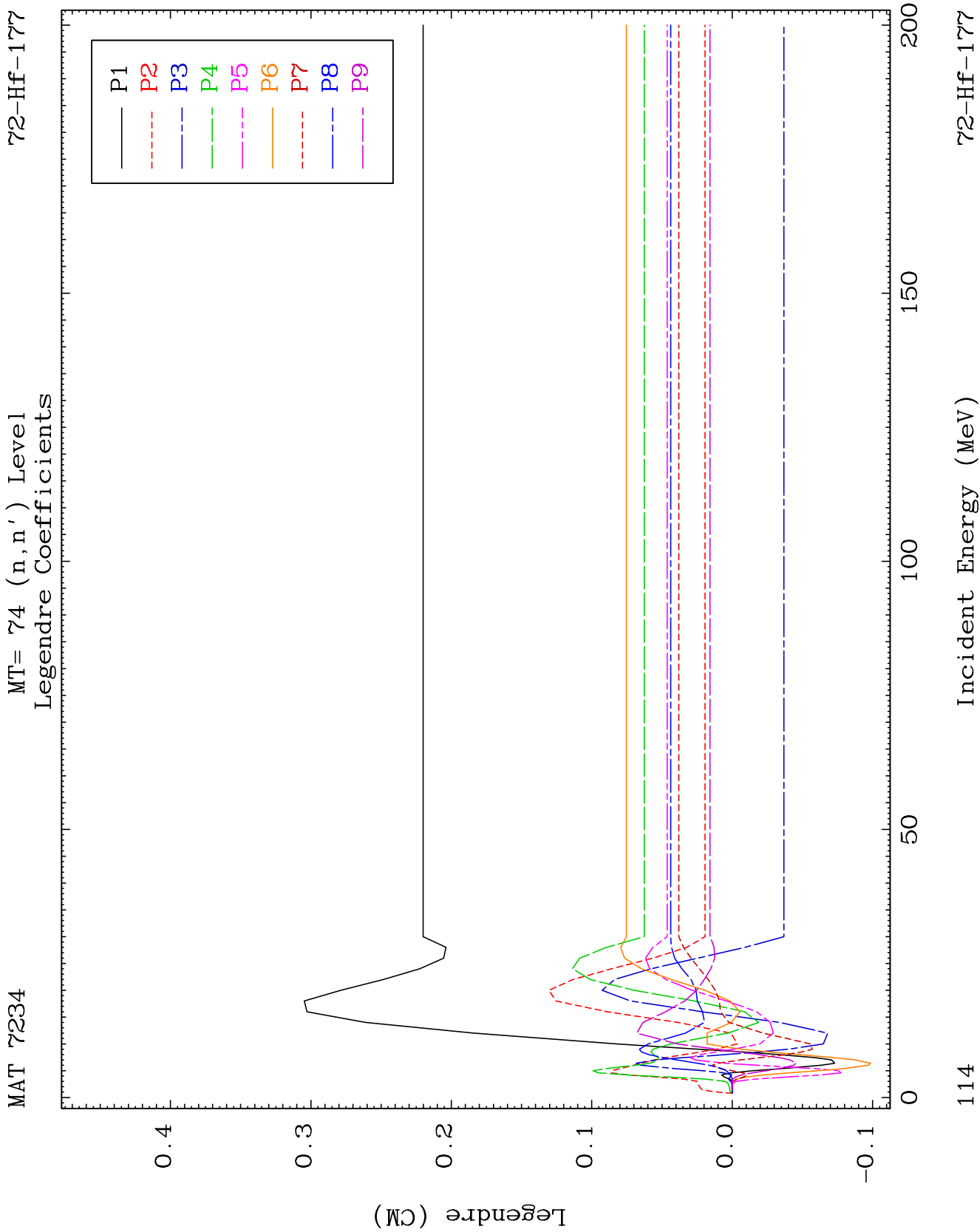
MT= 73 (n, n') Level
Legendre Coefficients

72-Hf-177





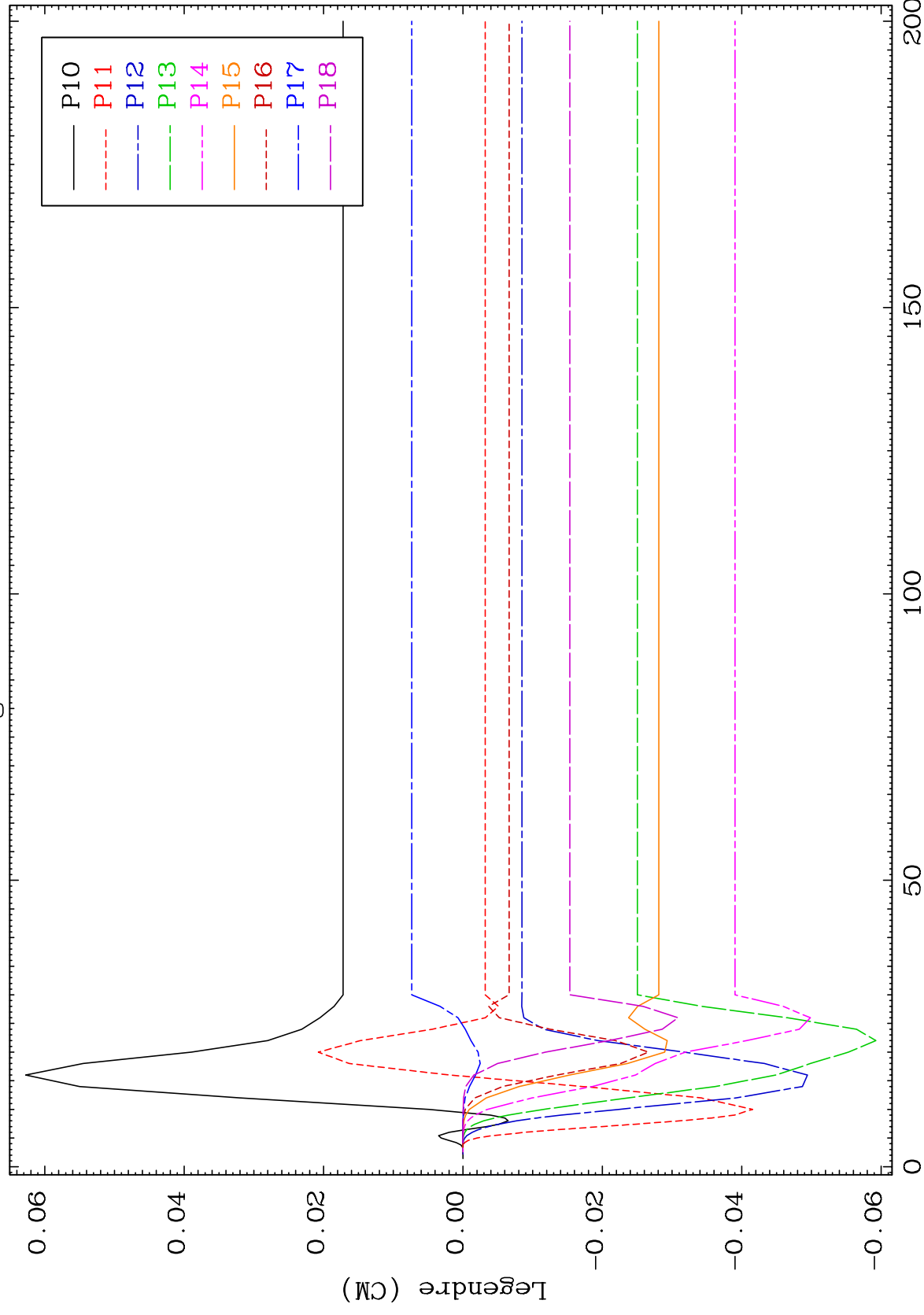




MAT 7234

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

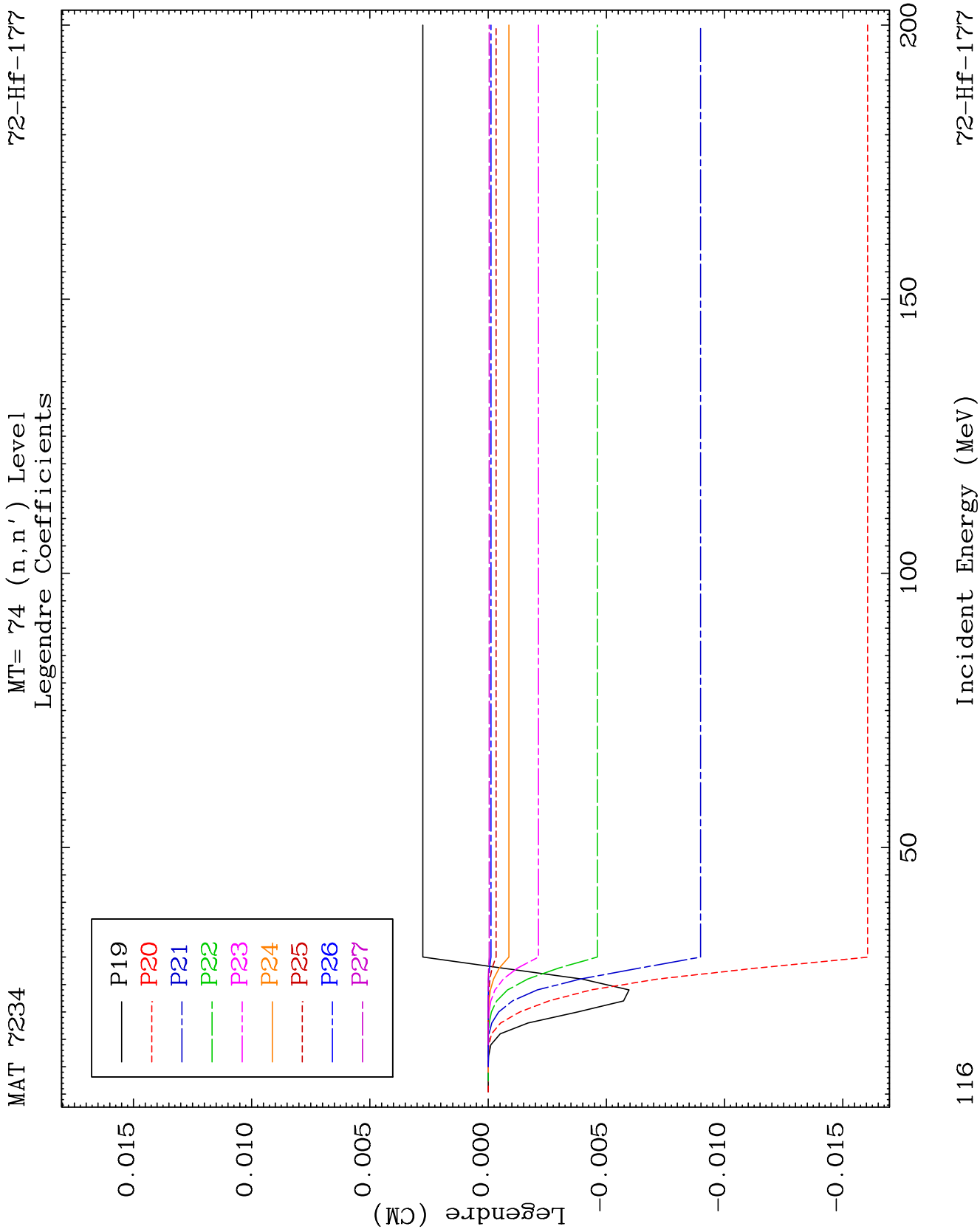
72-Hf-177

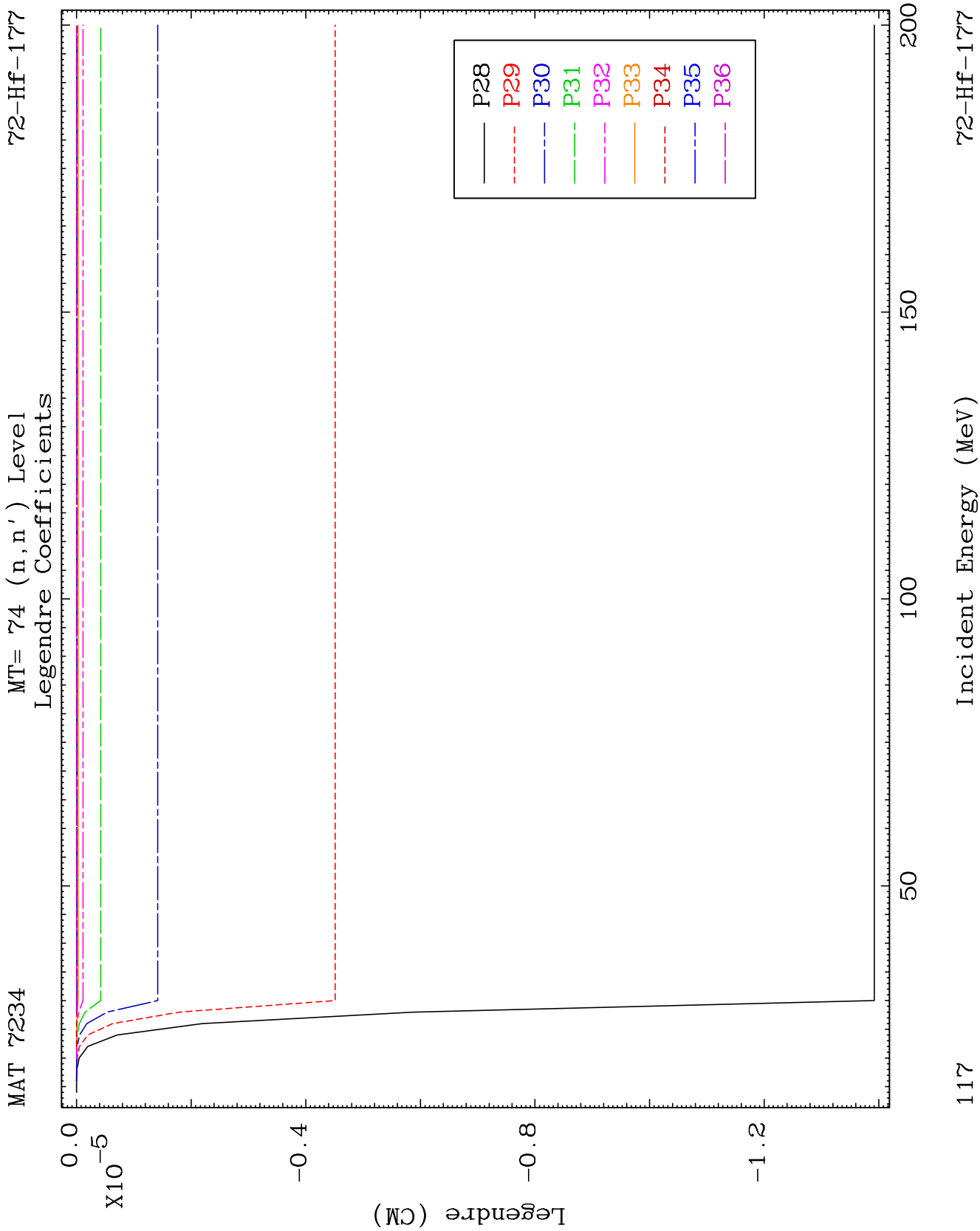


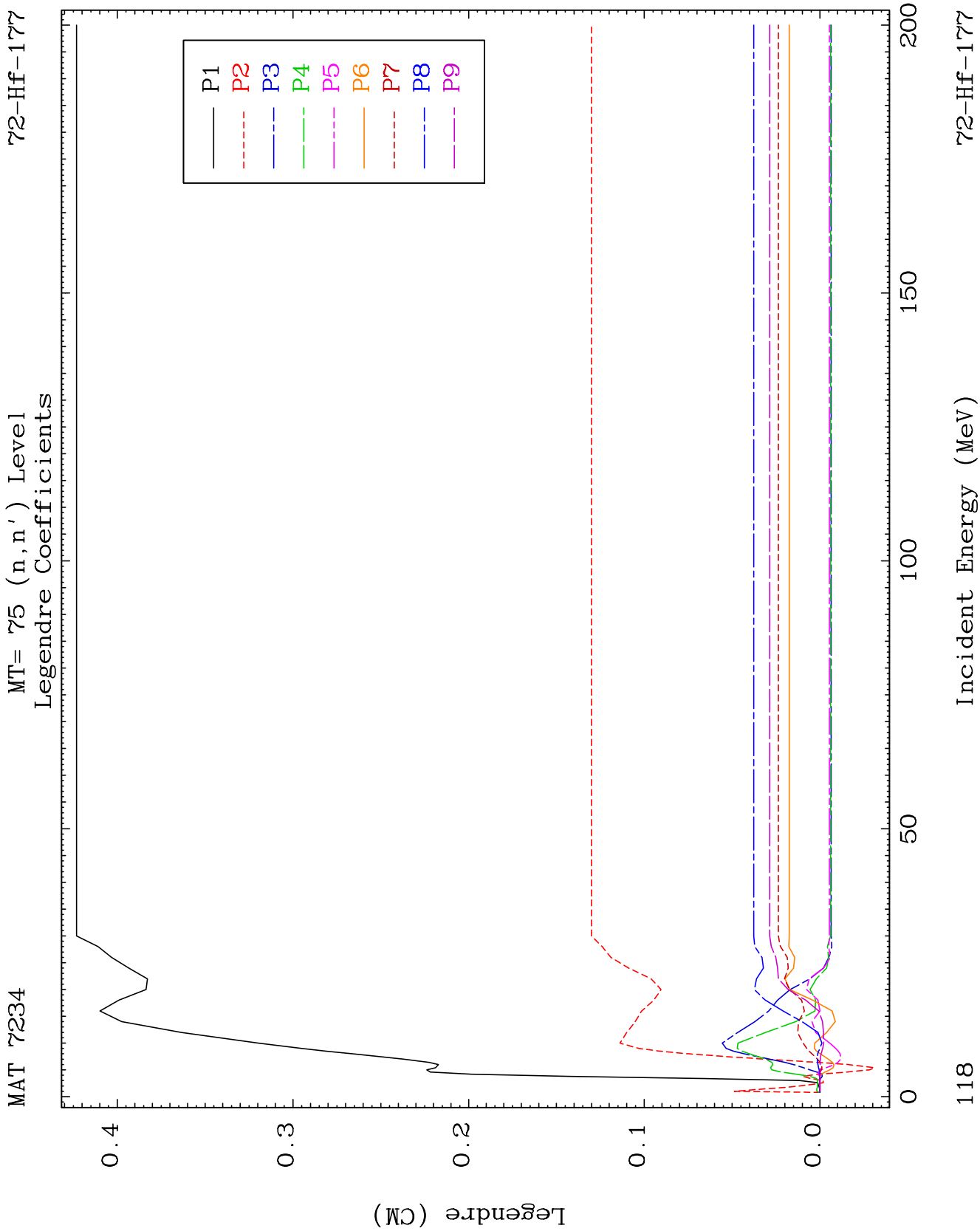
115

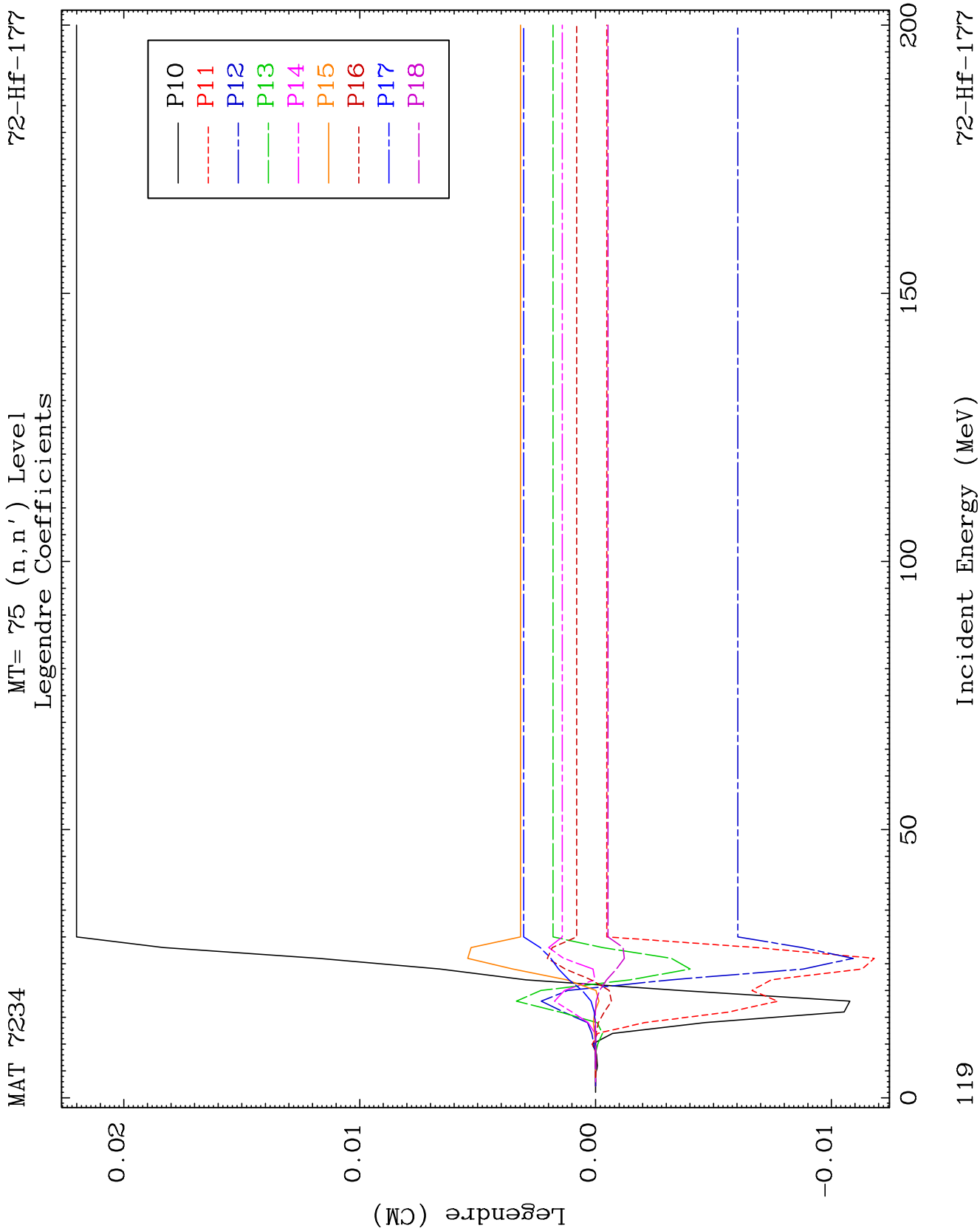
Incident Energy (MeV)

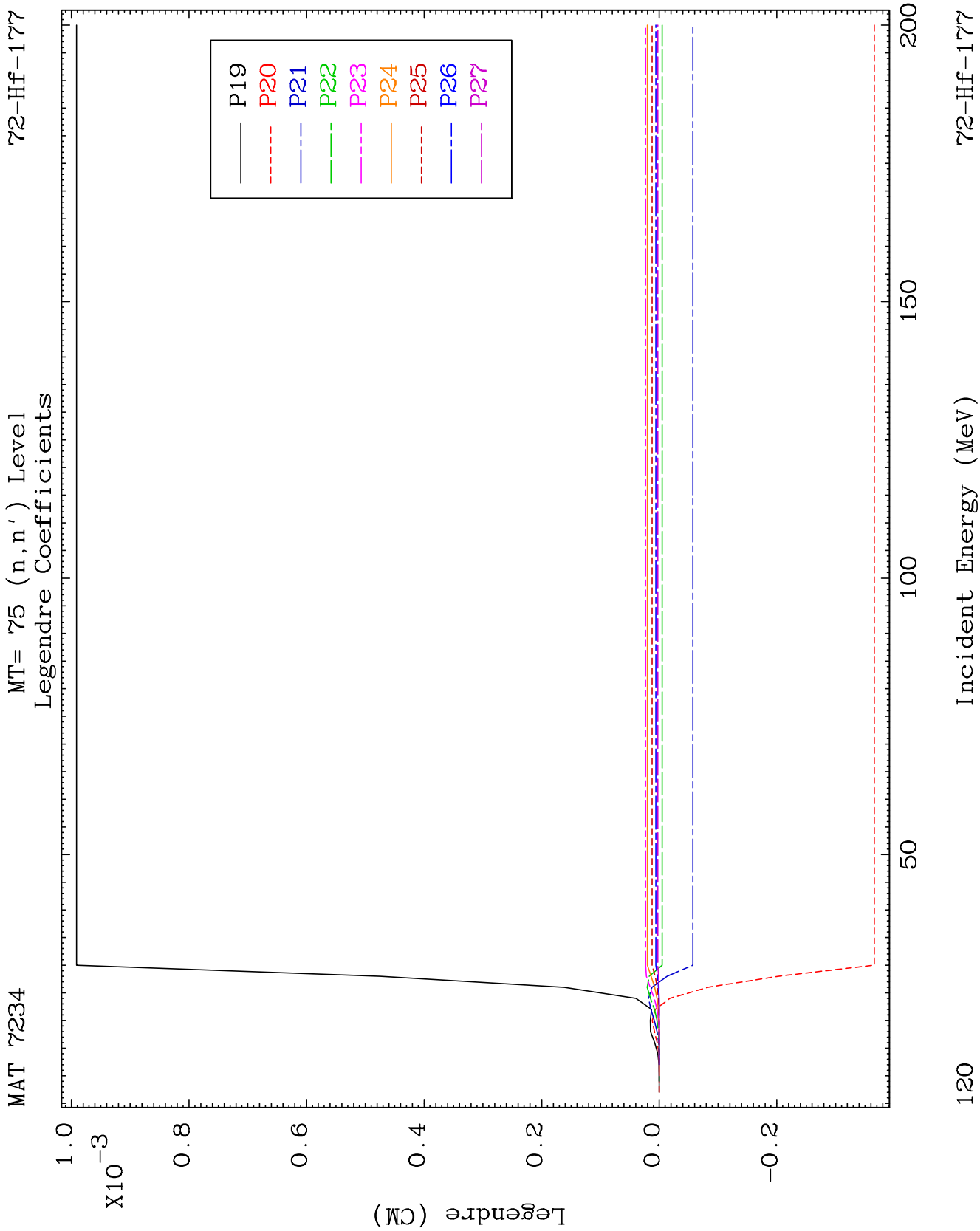
72-Hf-177

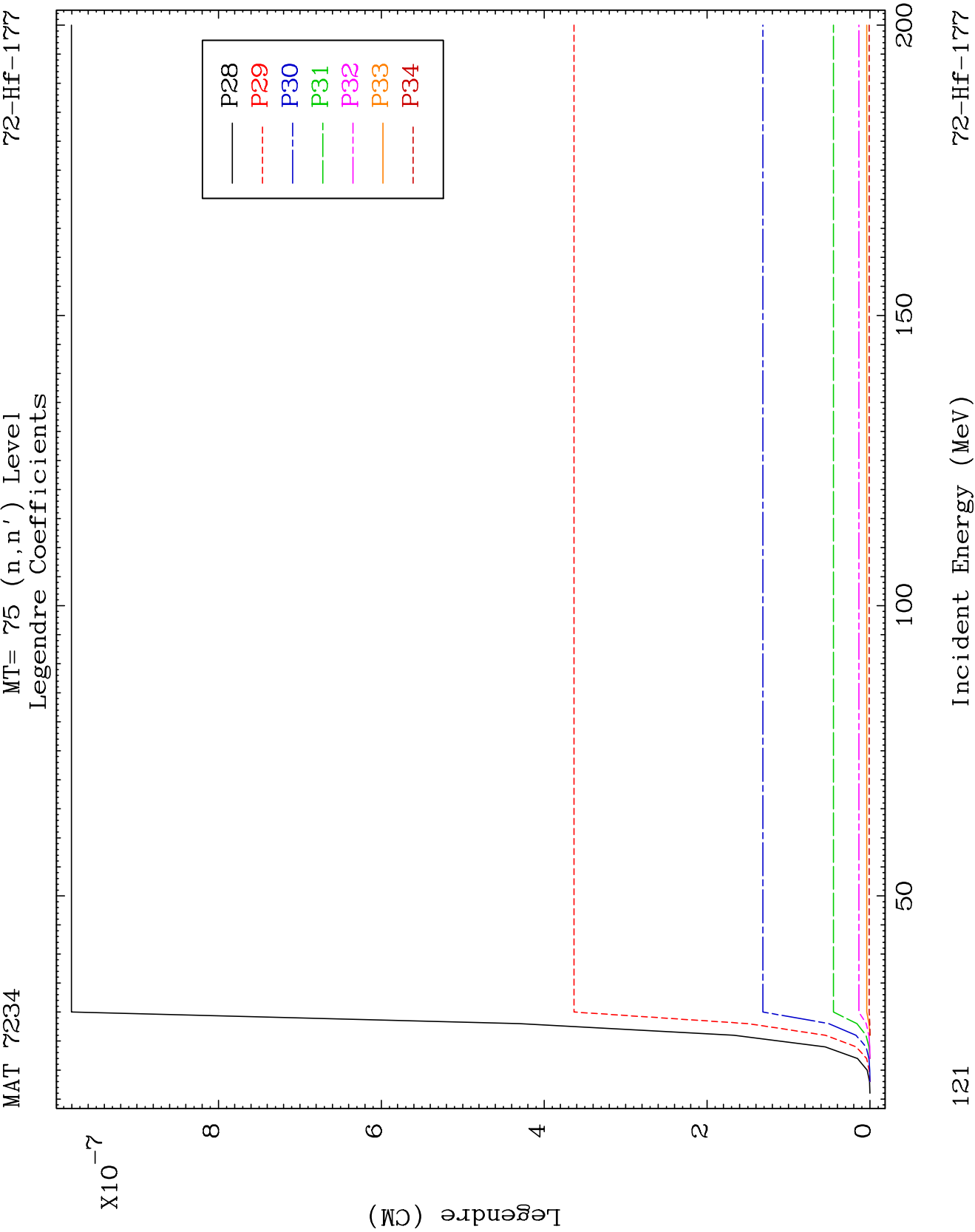








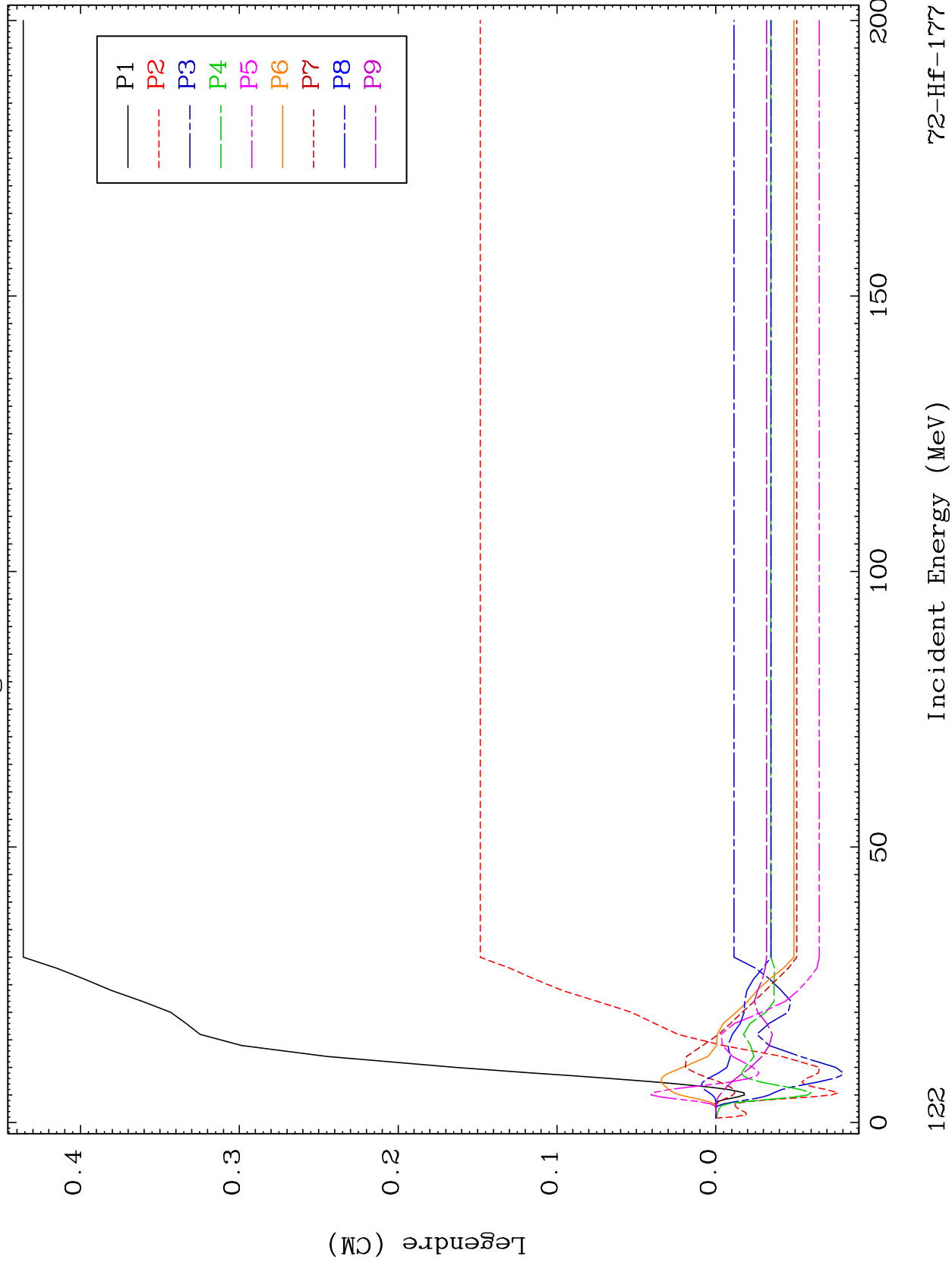




MAT 7234

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

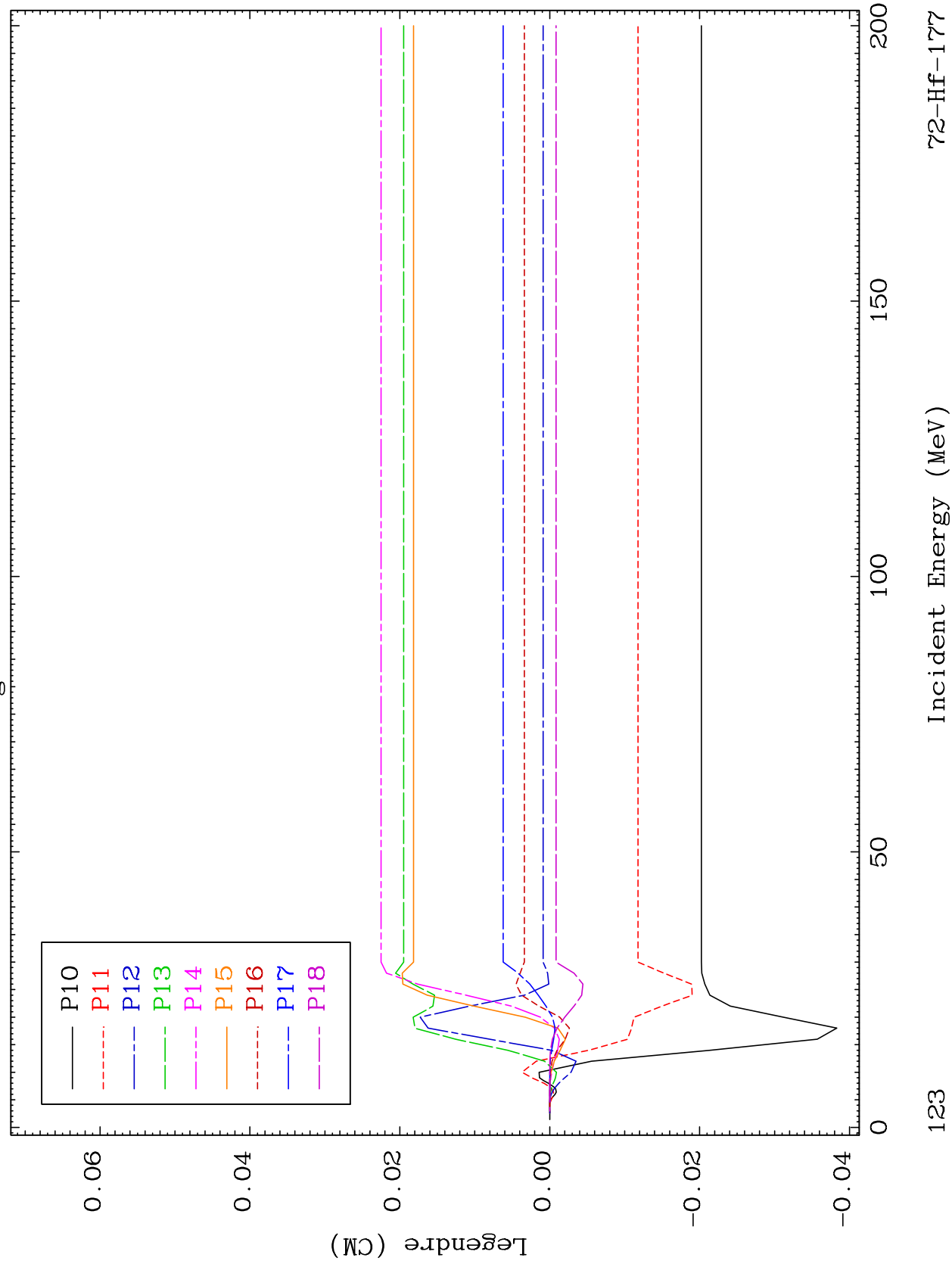
72-Hf-177

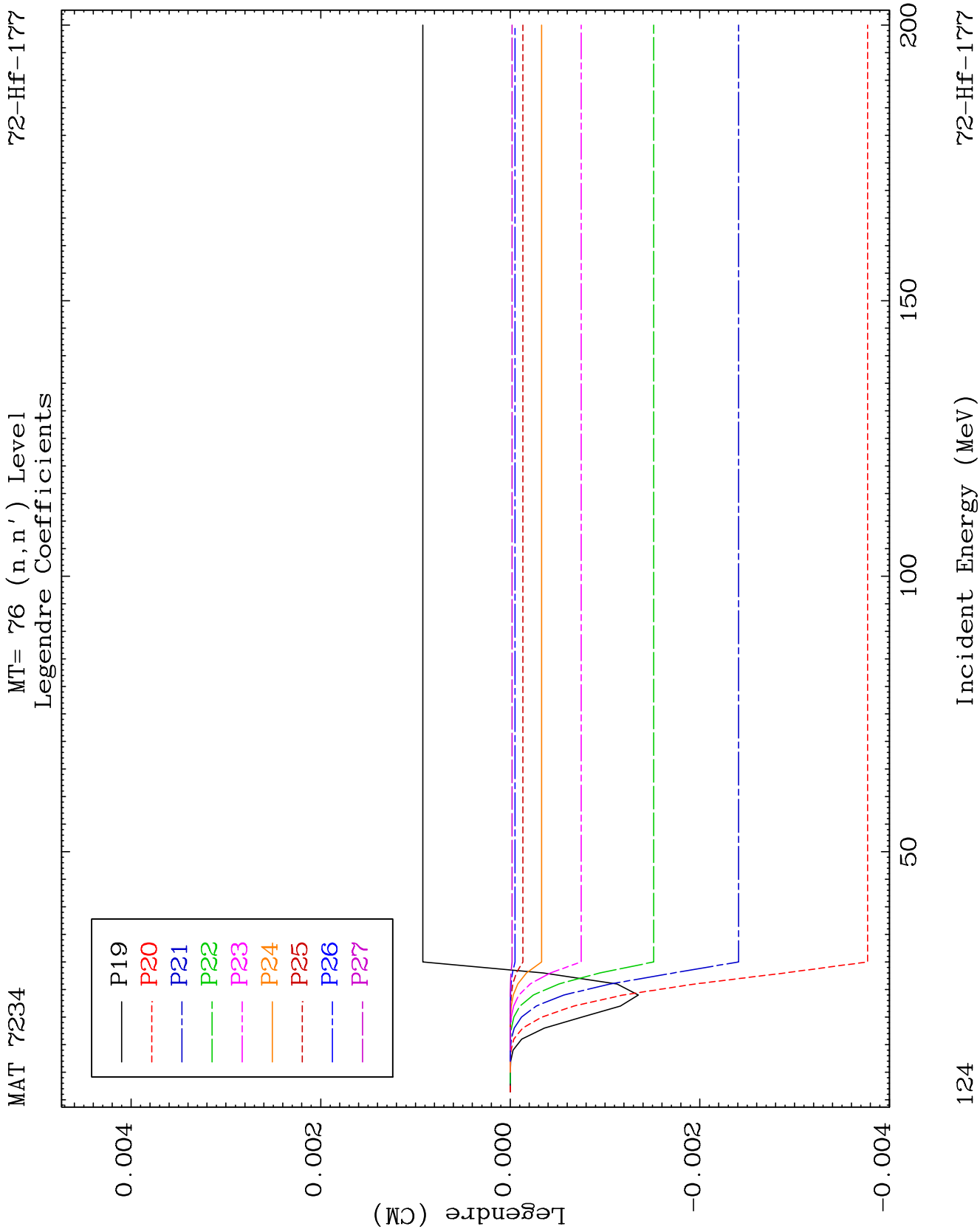


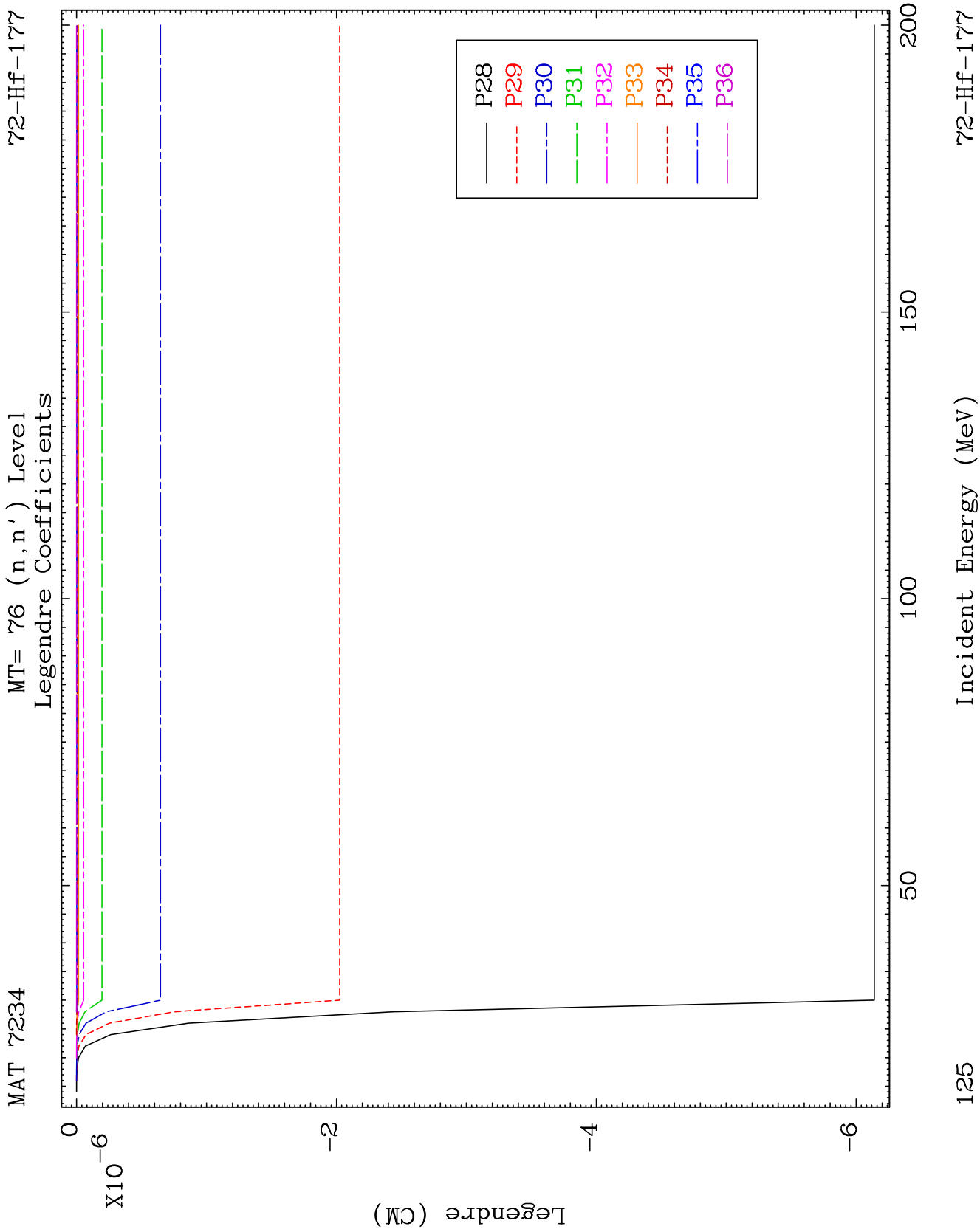
MAT 7234

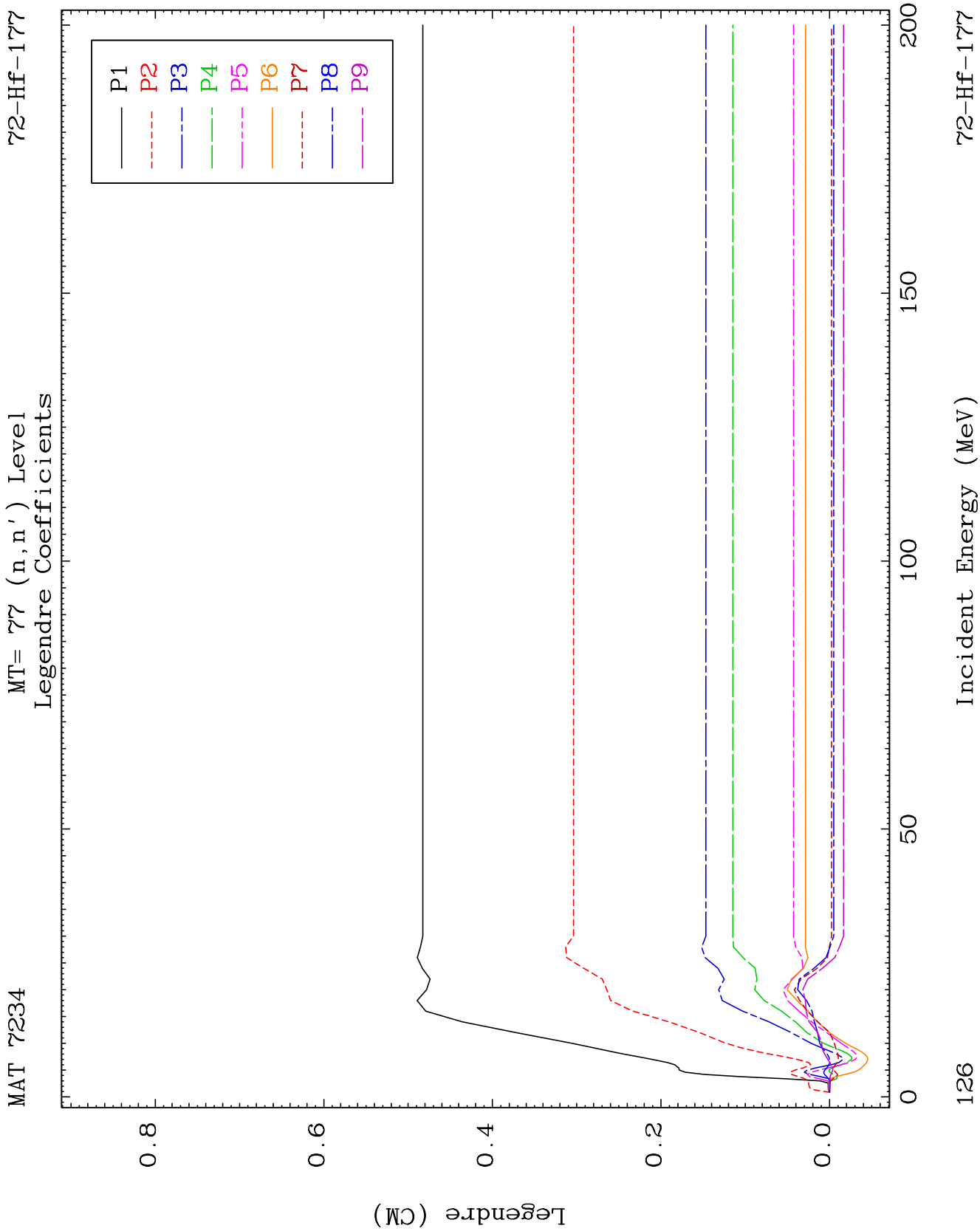
MT= 76 (n, n') Level
Legendre Coefficients

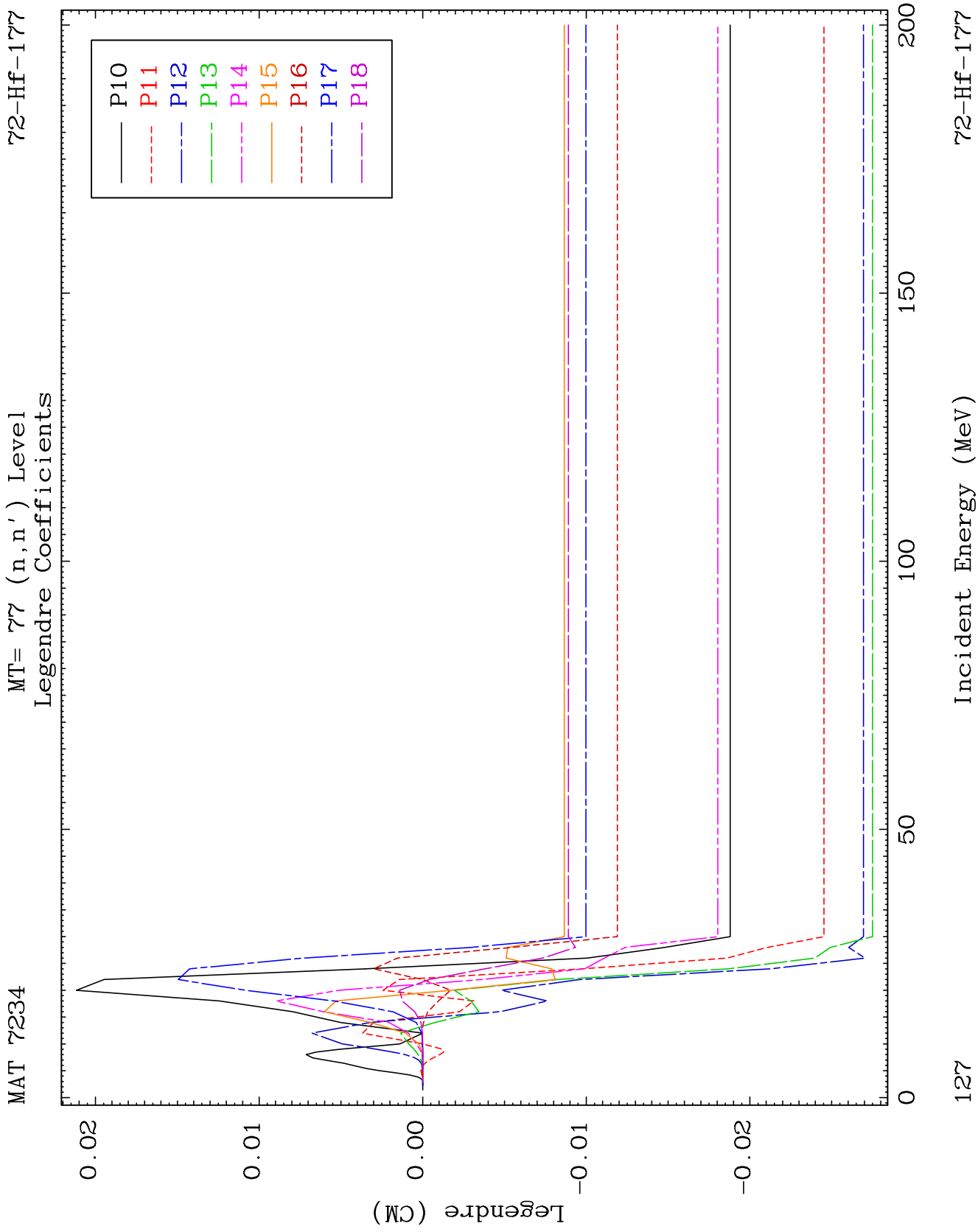
72-Hf-177











MAT 7234

MT= $\gamma\gamma$ (n, n') Level

72-Hf-177

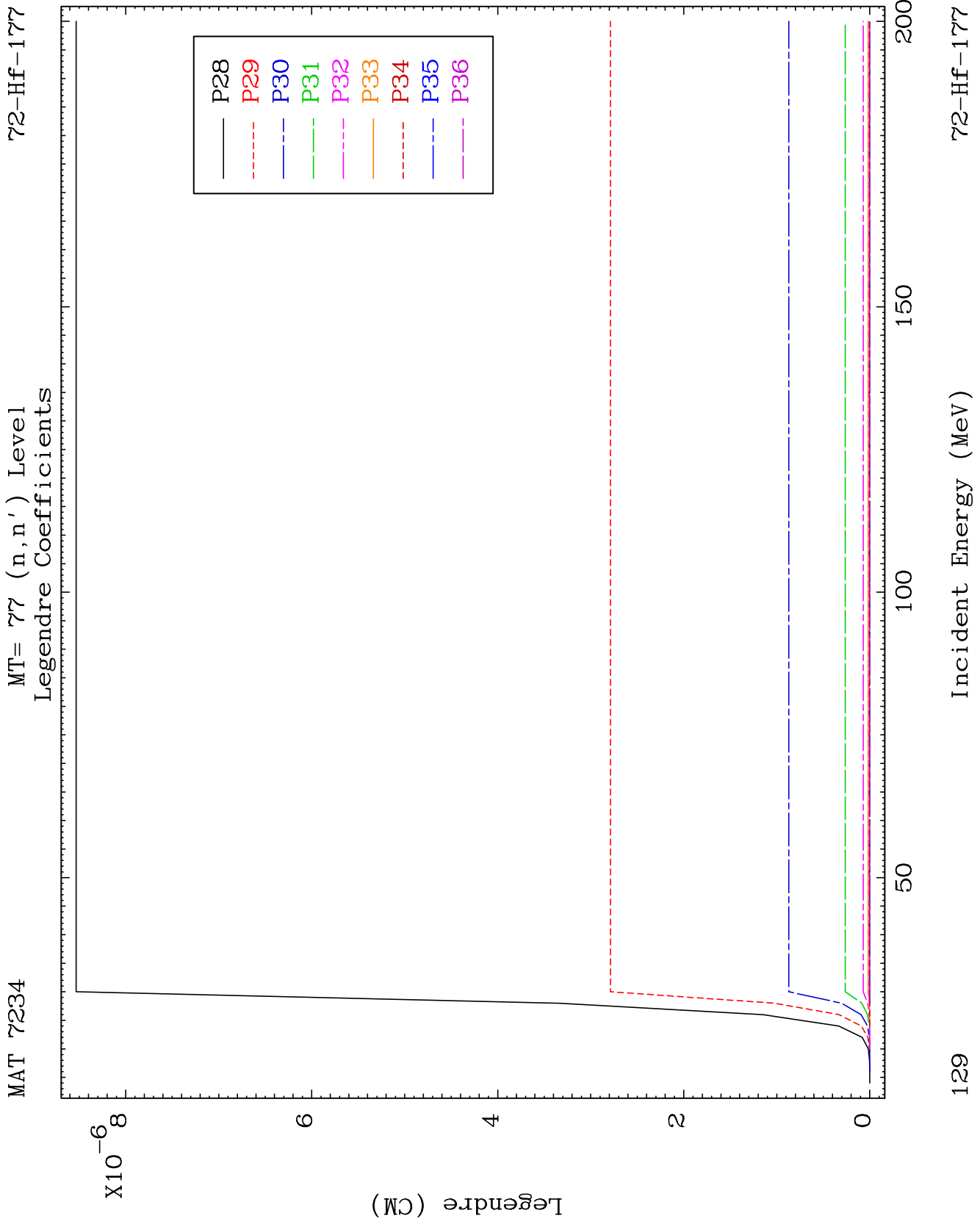
Legendre Coefficients

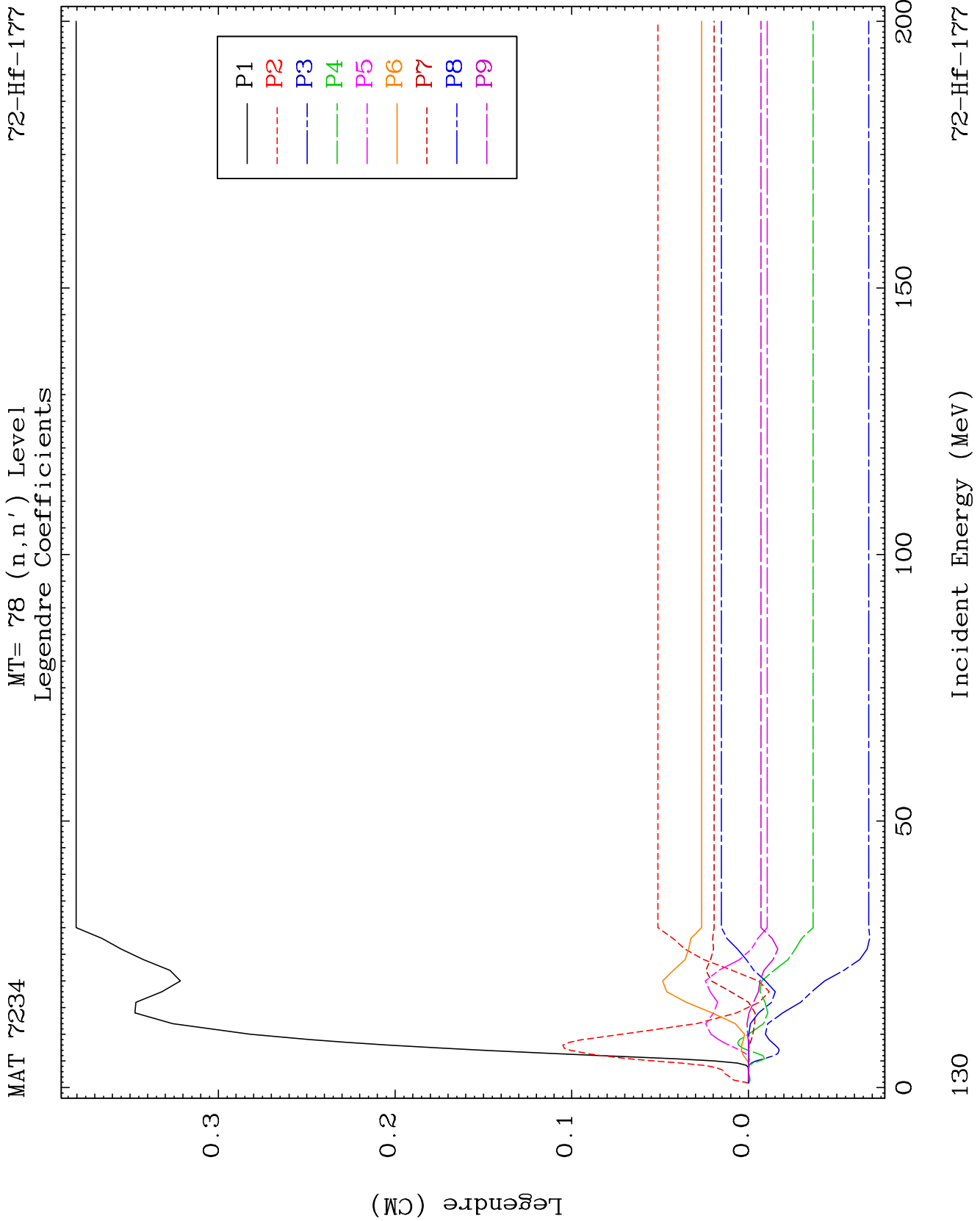


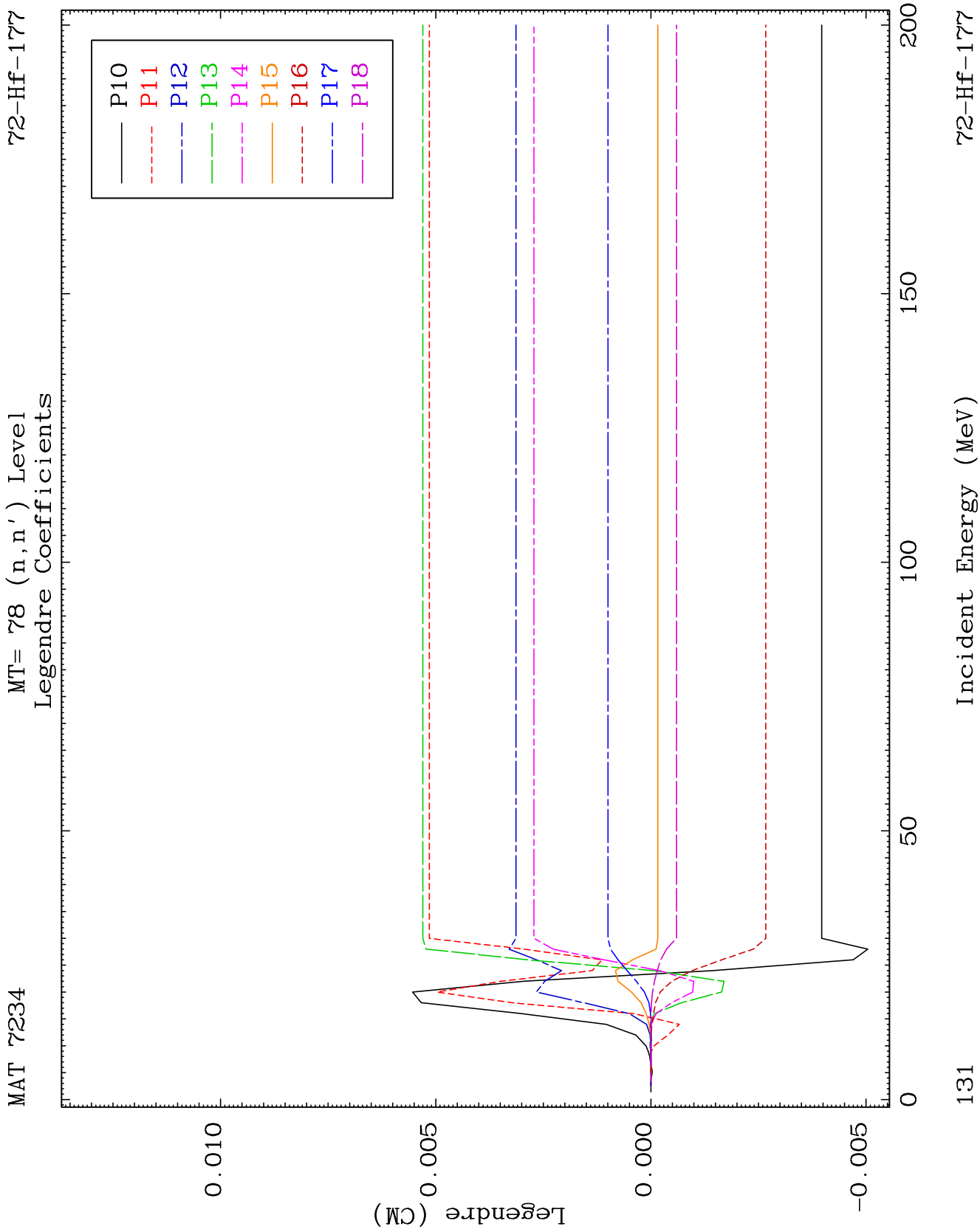
128

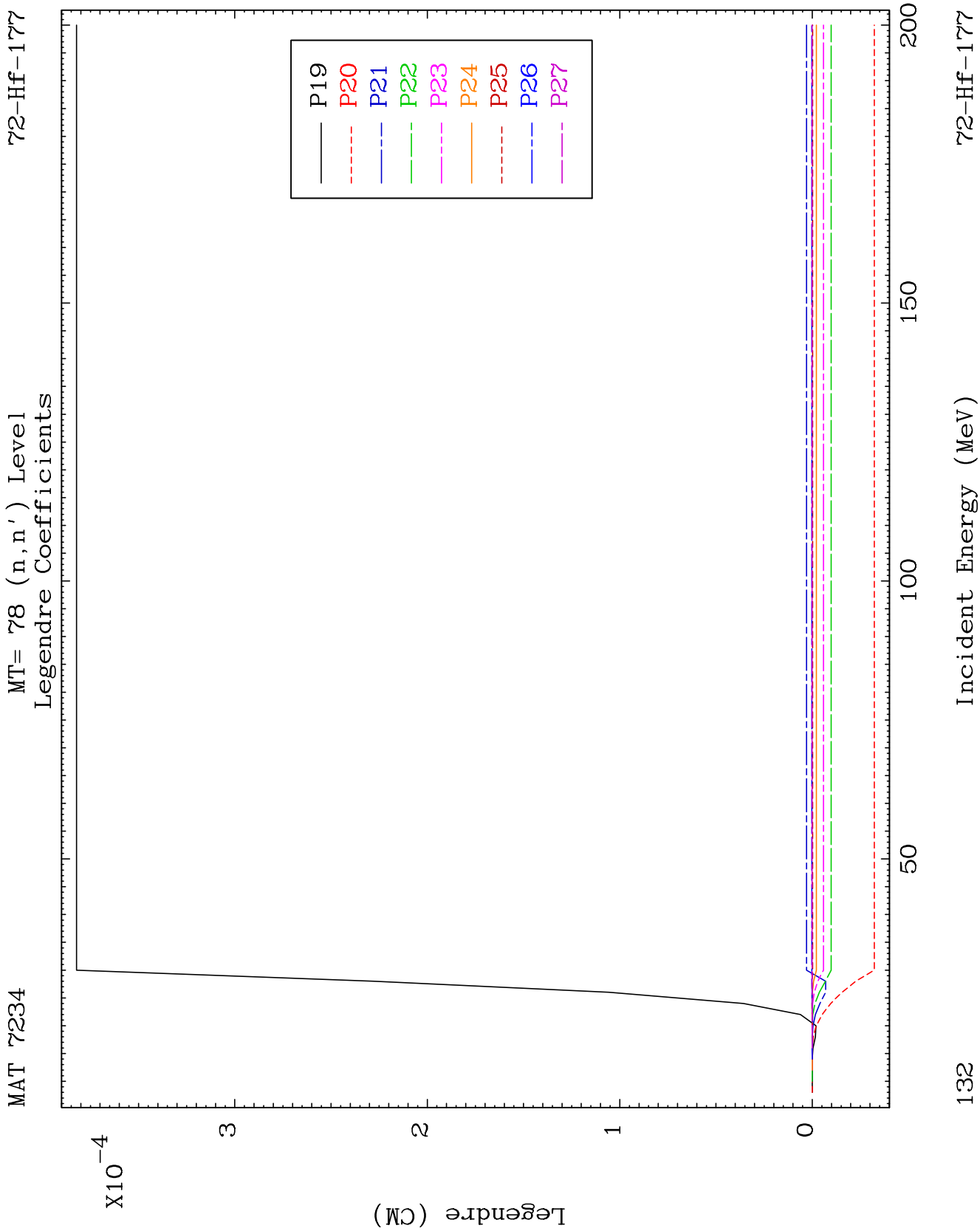
Incident Energy (MeV)

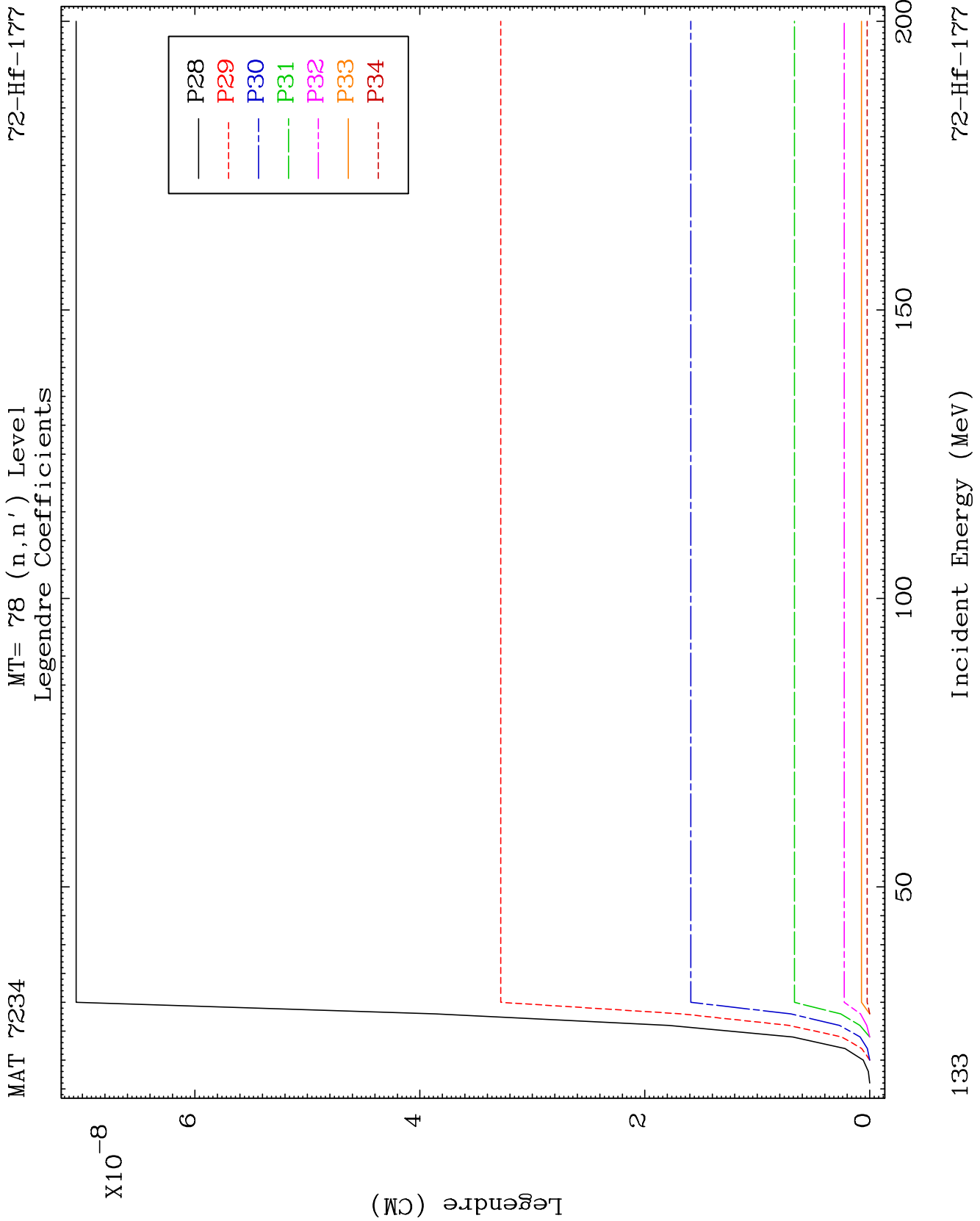
72-Hf-177







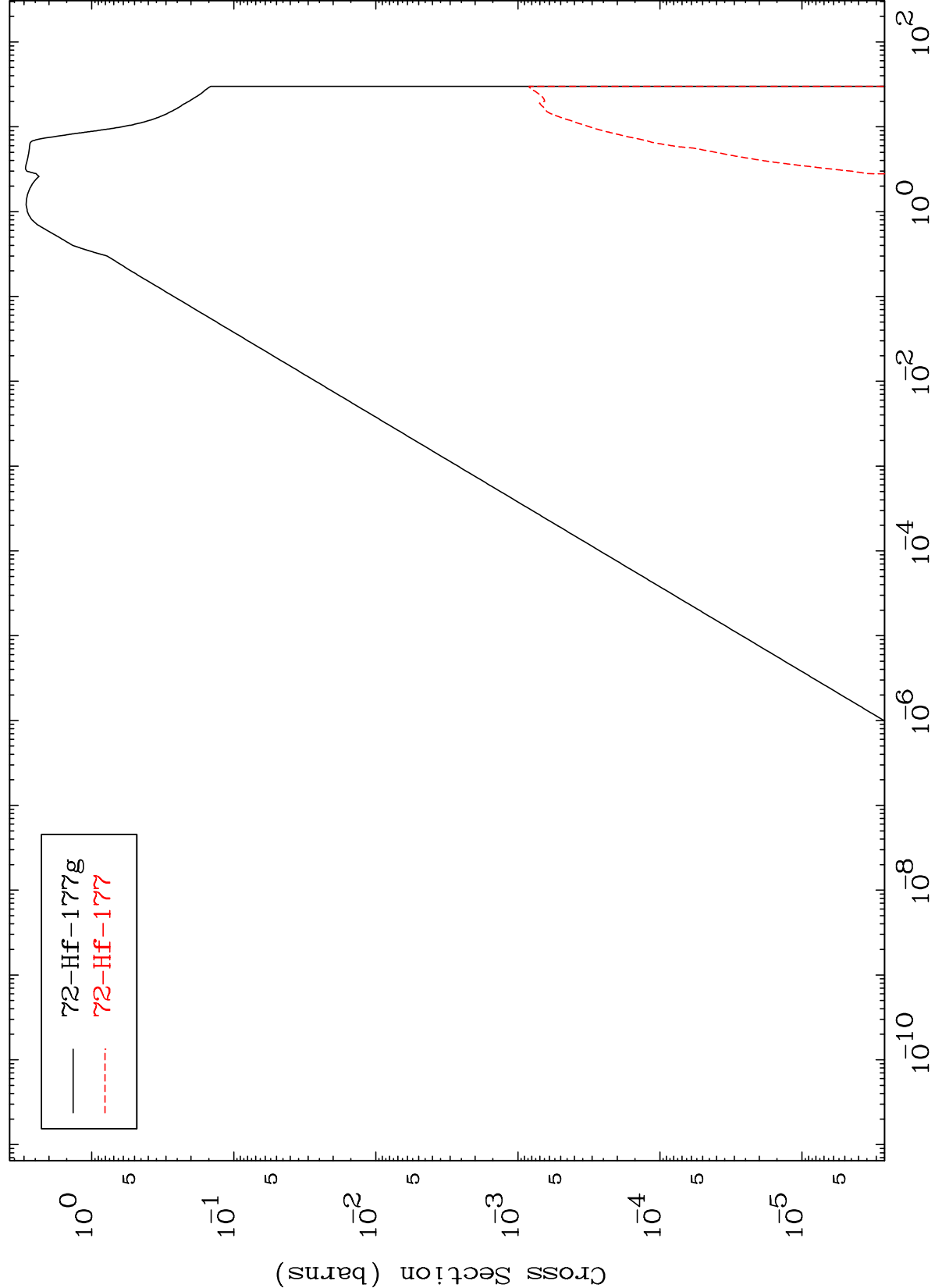




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Radionuclide Production Cross Section

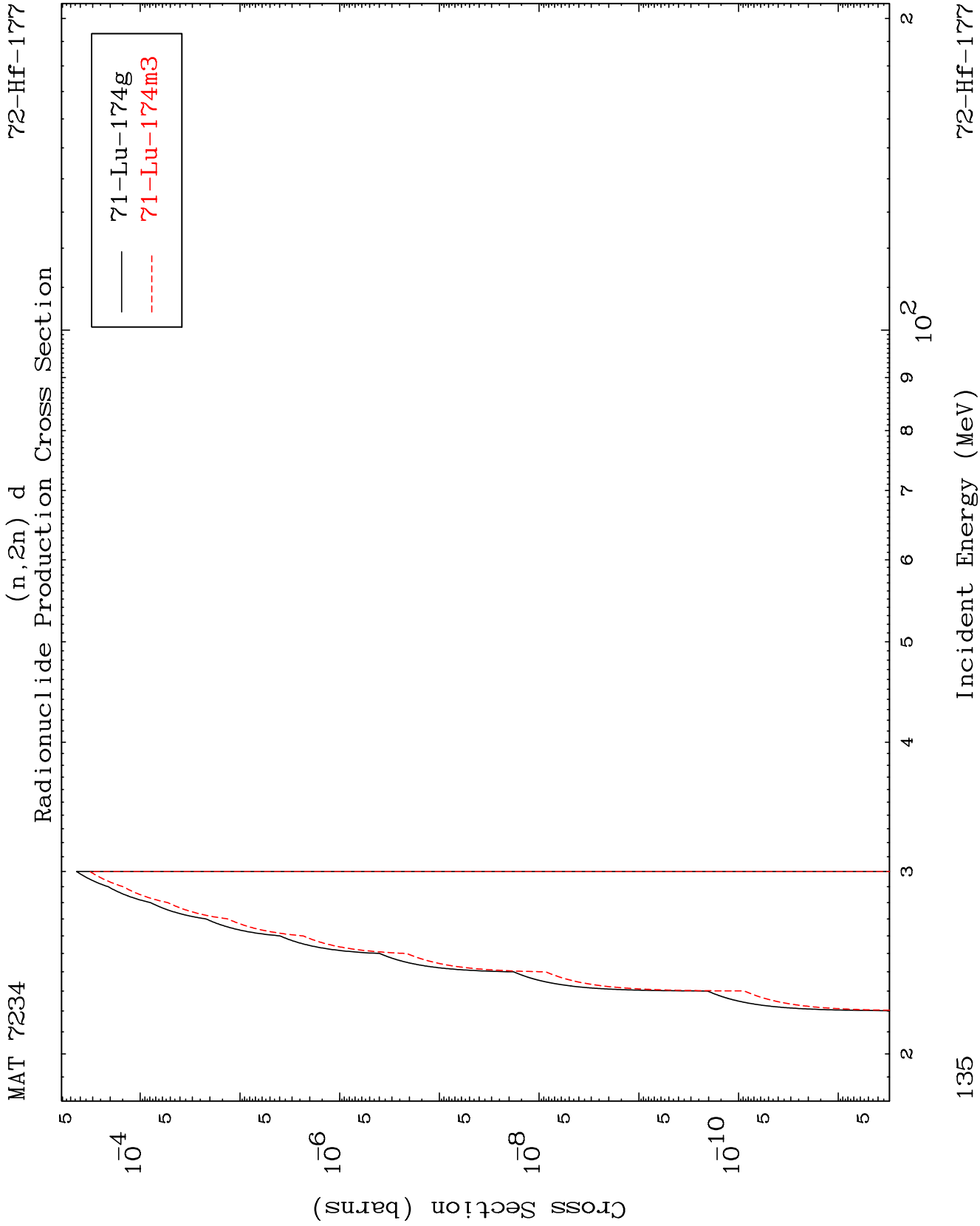
$^{72}\text{Hf-177}$

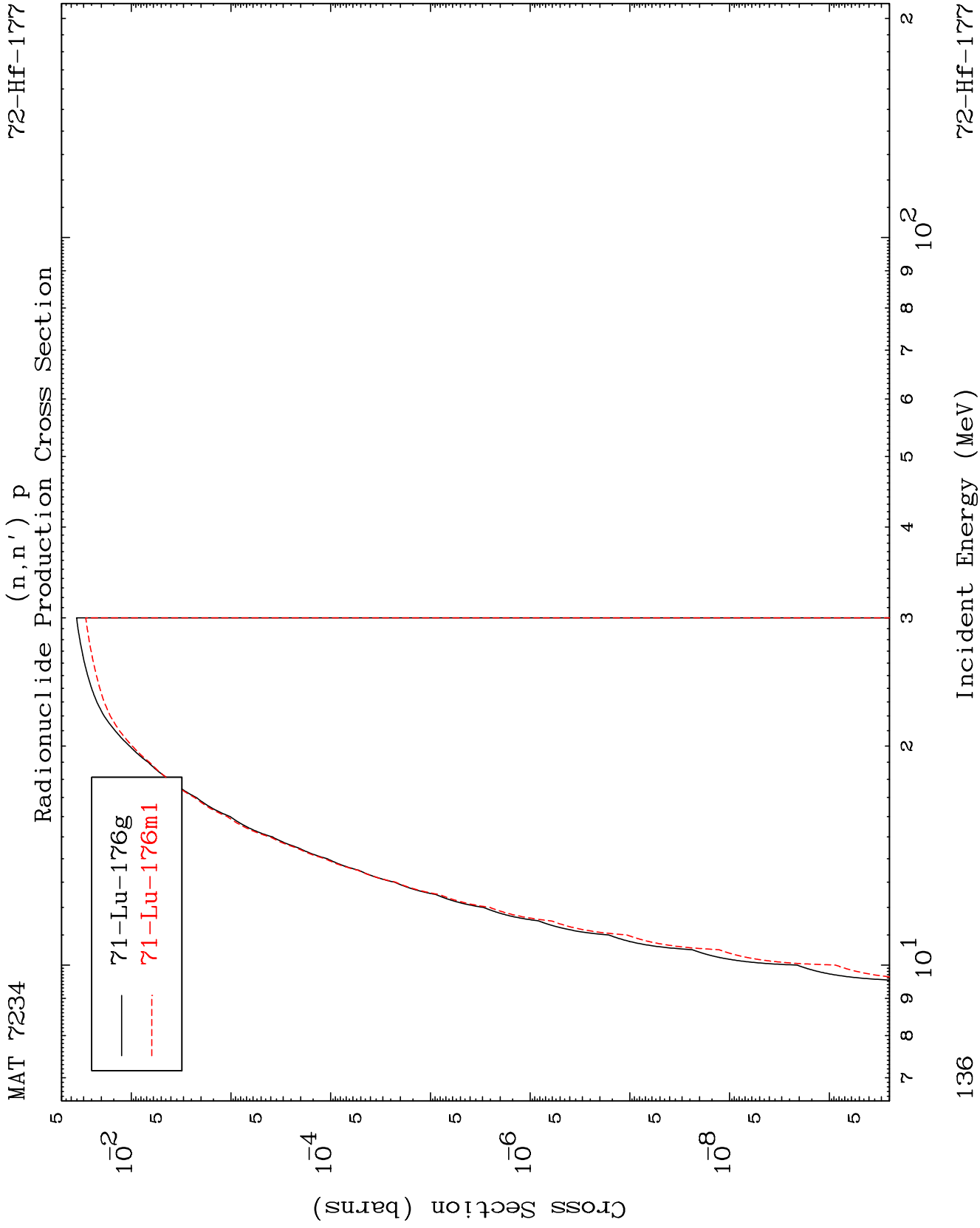


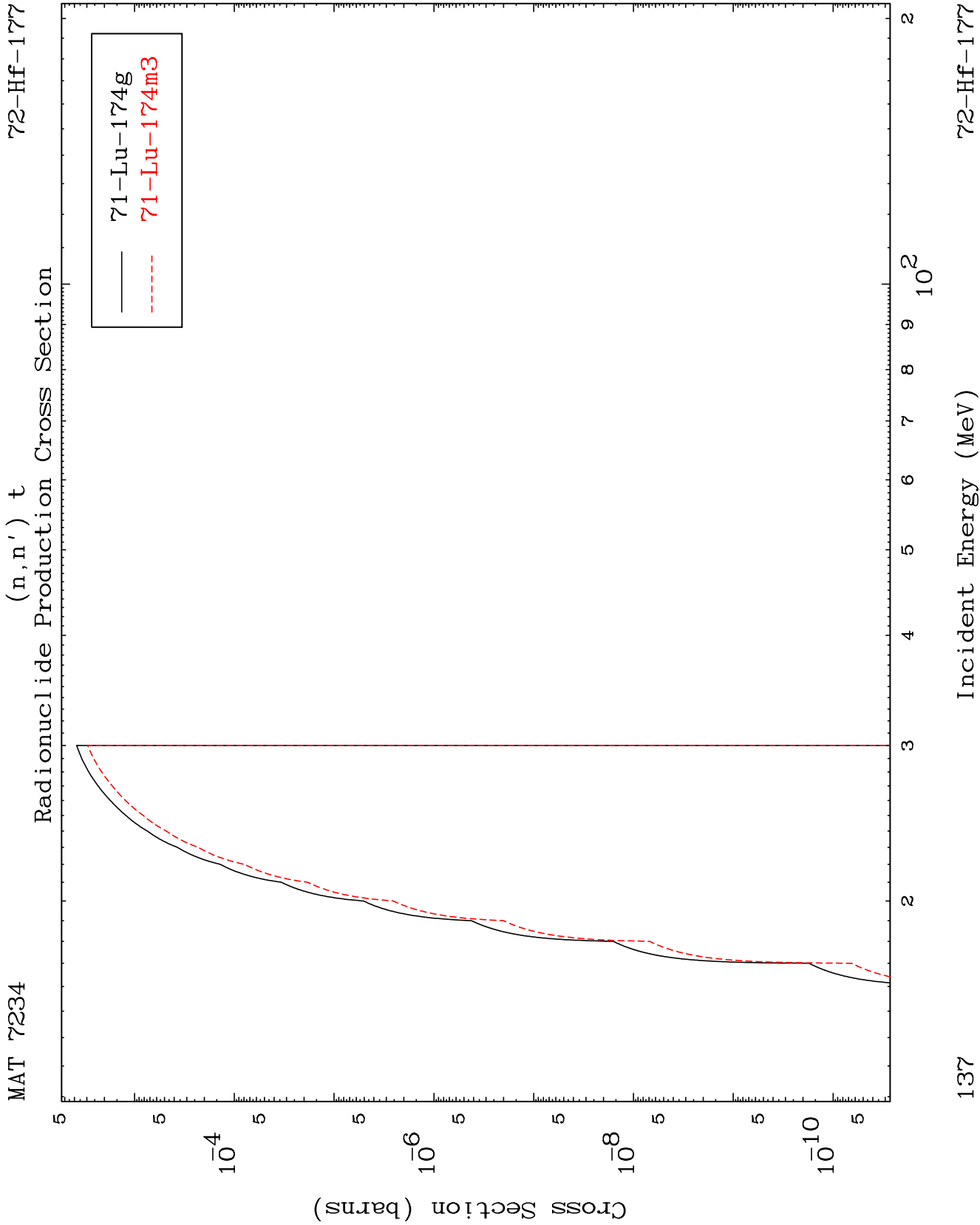
134

Incident Energy (MeV)

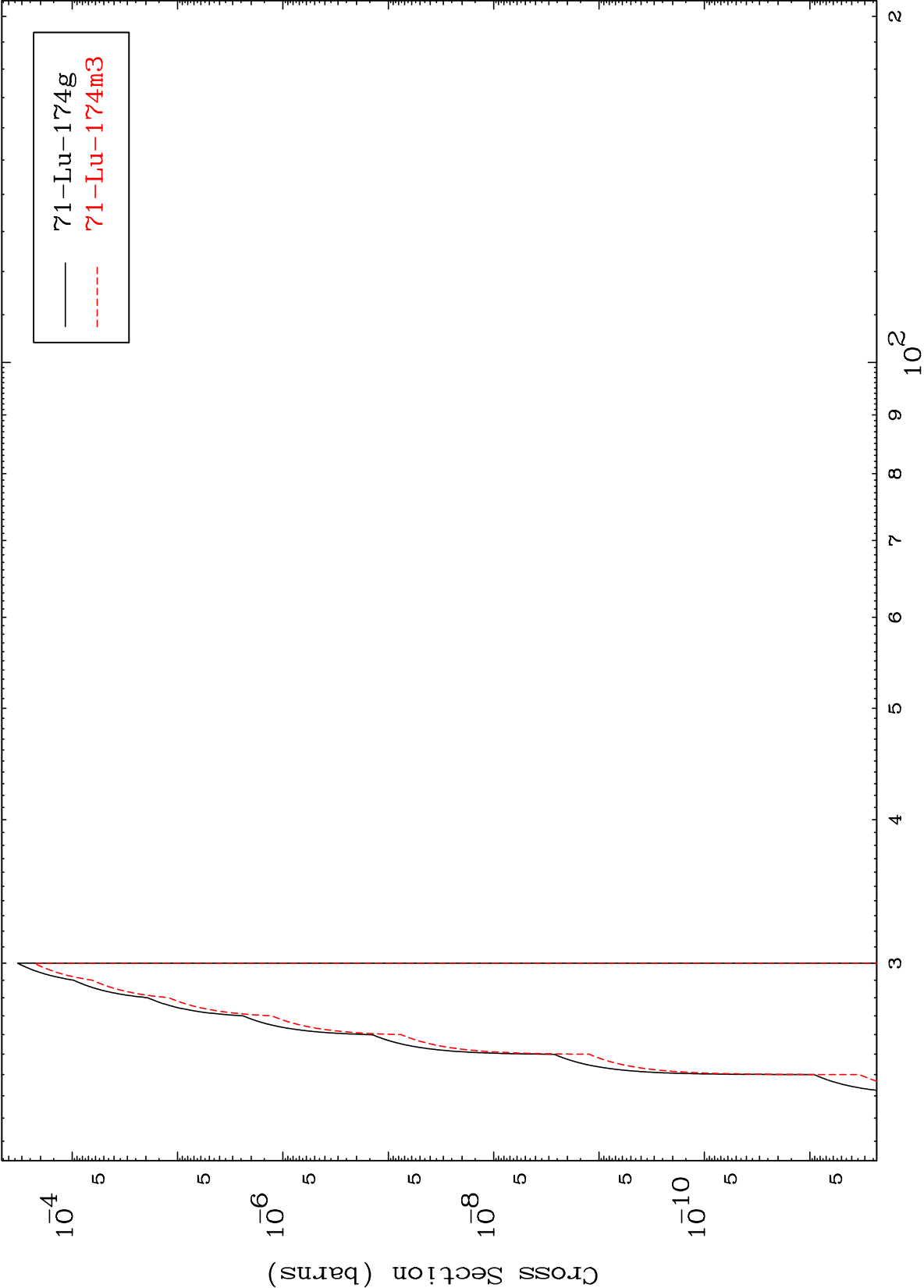
$^{72}\text{Hf-177}$







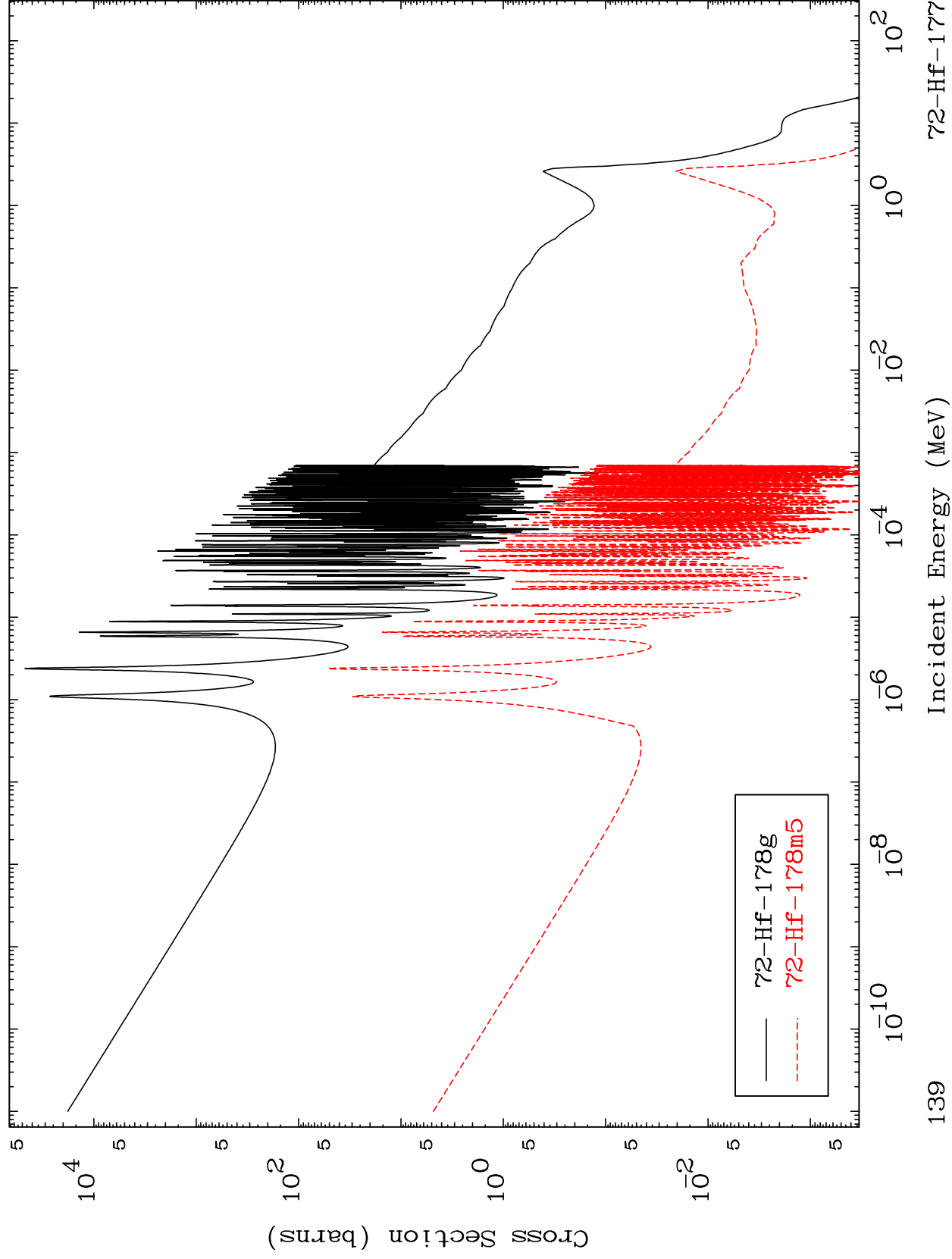
Radionuclide Production Cross Section



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72-Hf-177

(n,γ)
Radionuclide Production Cross Section



139

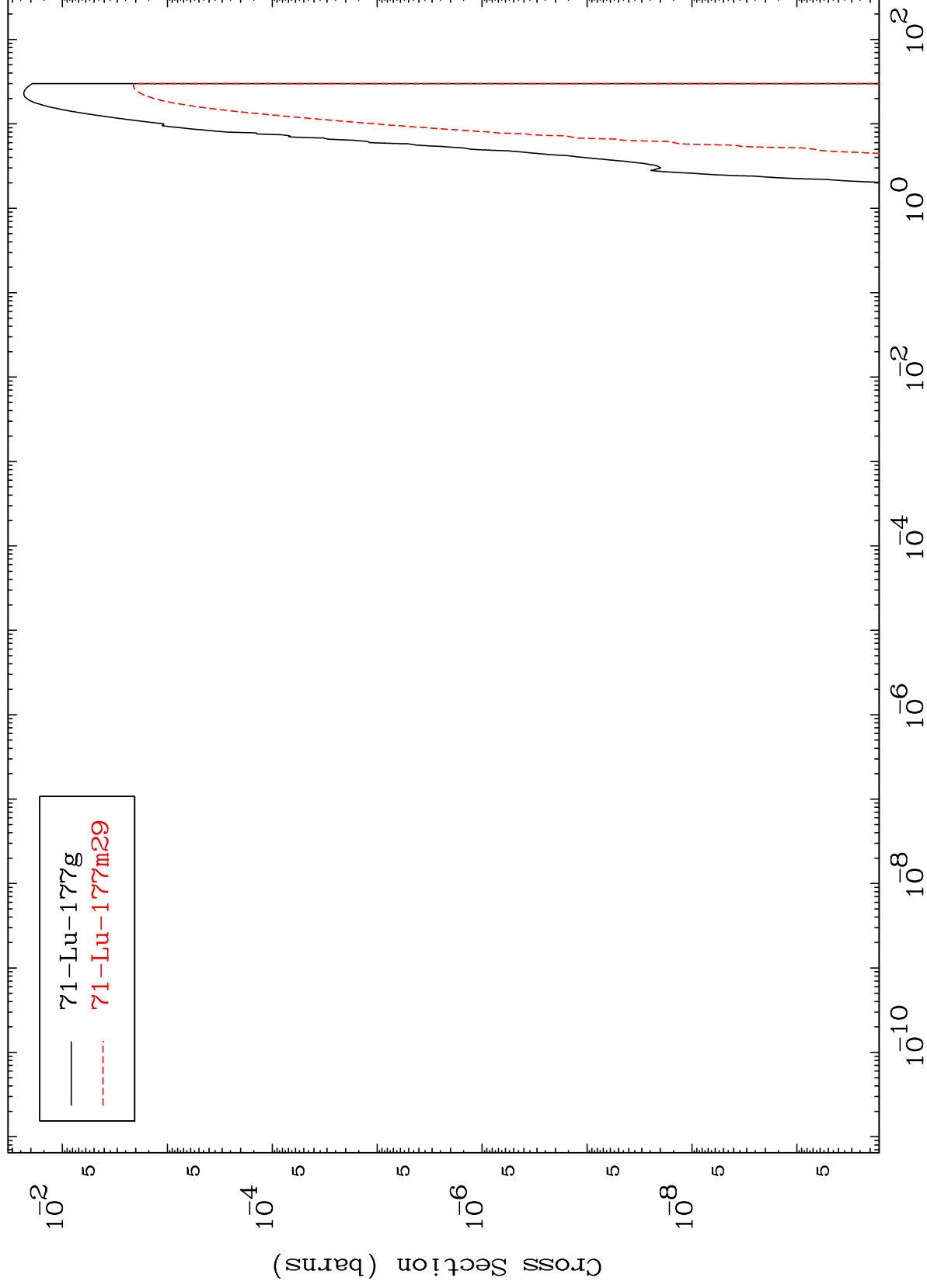
72-Hf-177

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(n,p)

⁷²Hf-177

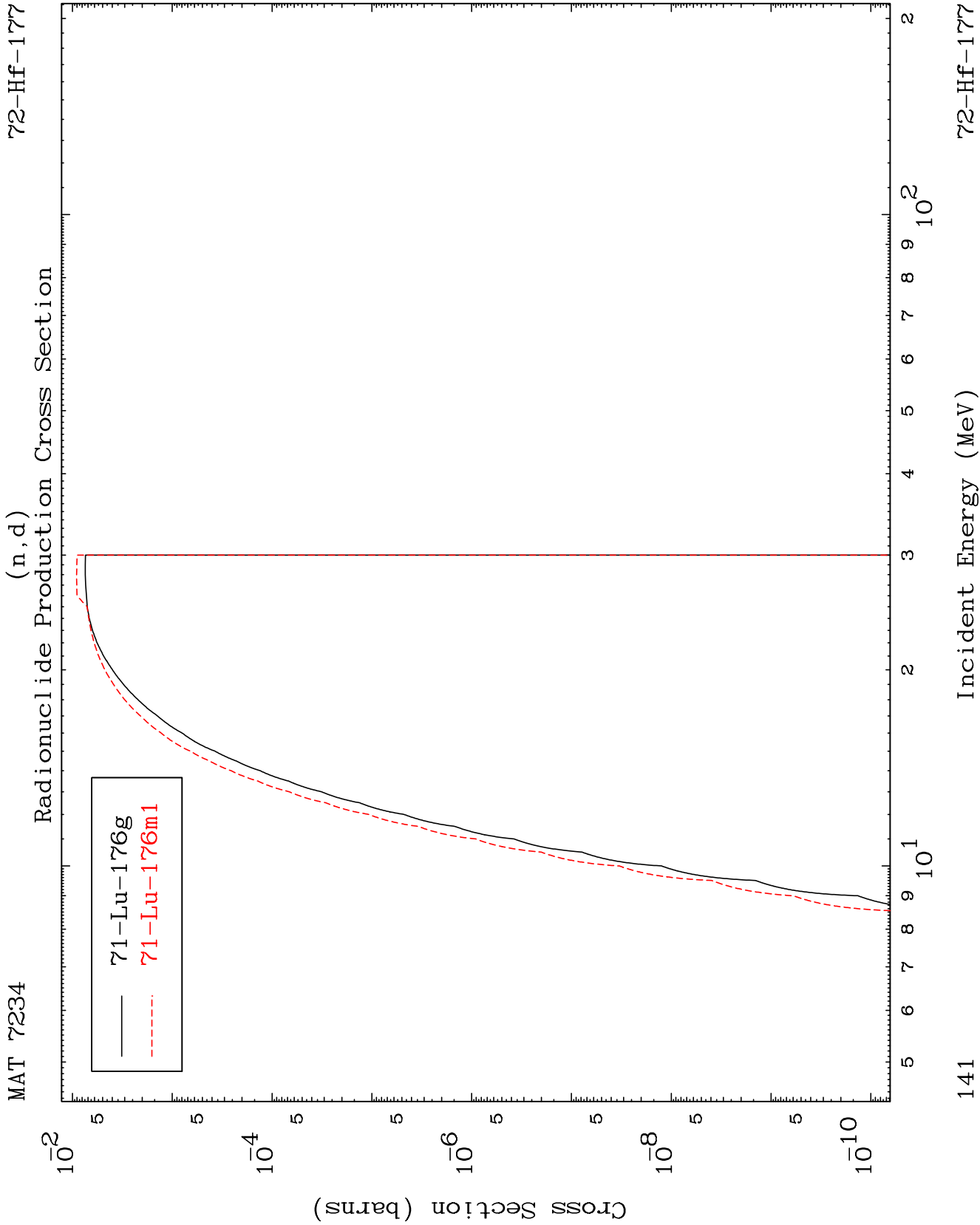
Radionuclide Production Cross Section



140

Incident Energy (MeV)

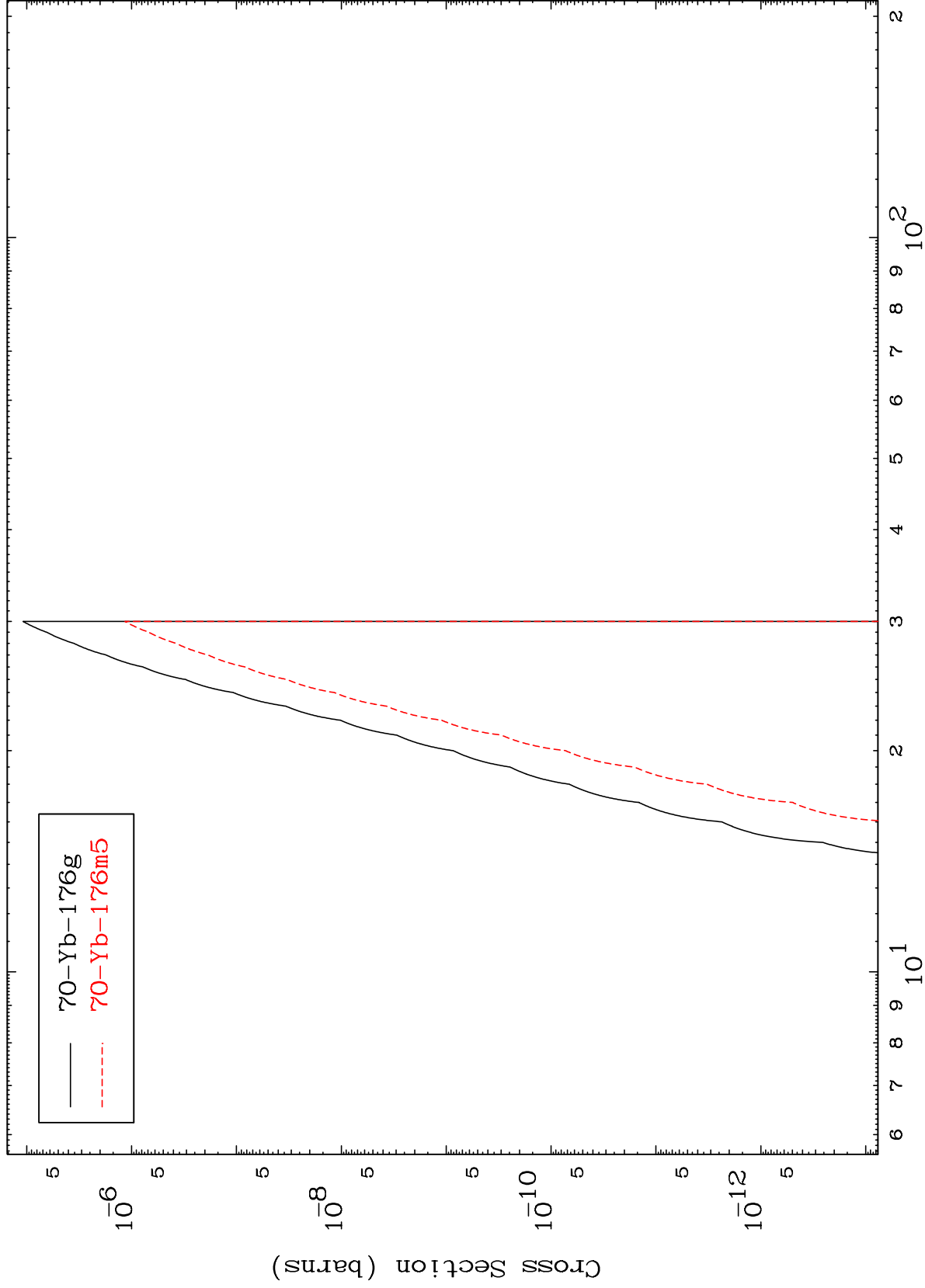
⁷²Hf-177



MAT 7234

72-Hf-177

(n,2p)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

72-Hf-177