

Program EVALPLOT
(Version 2021-1)

by

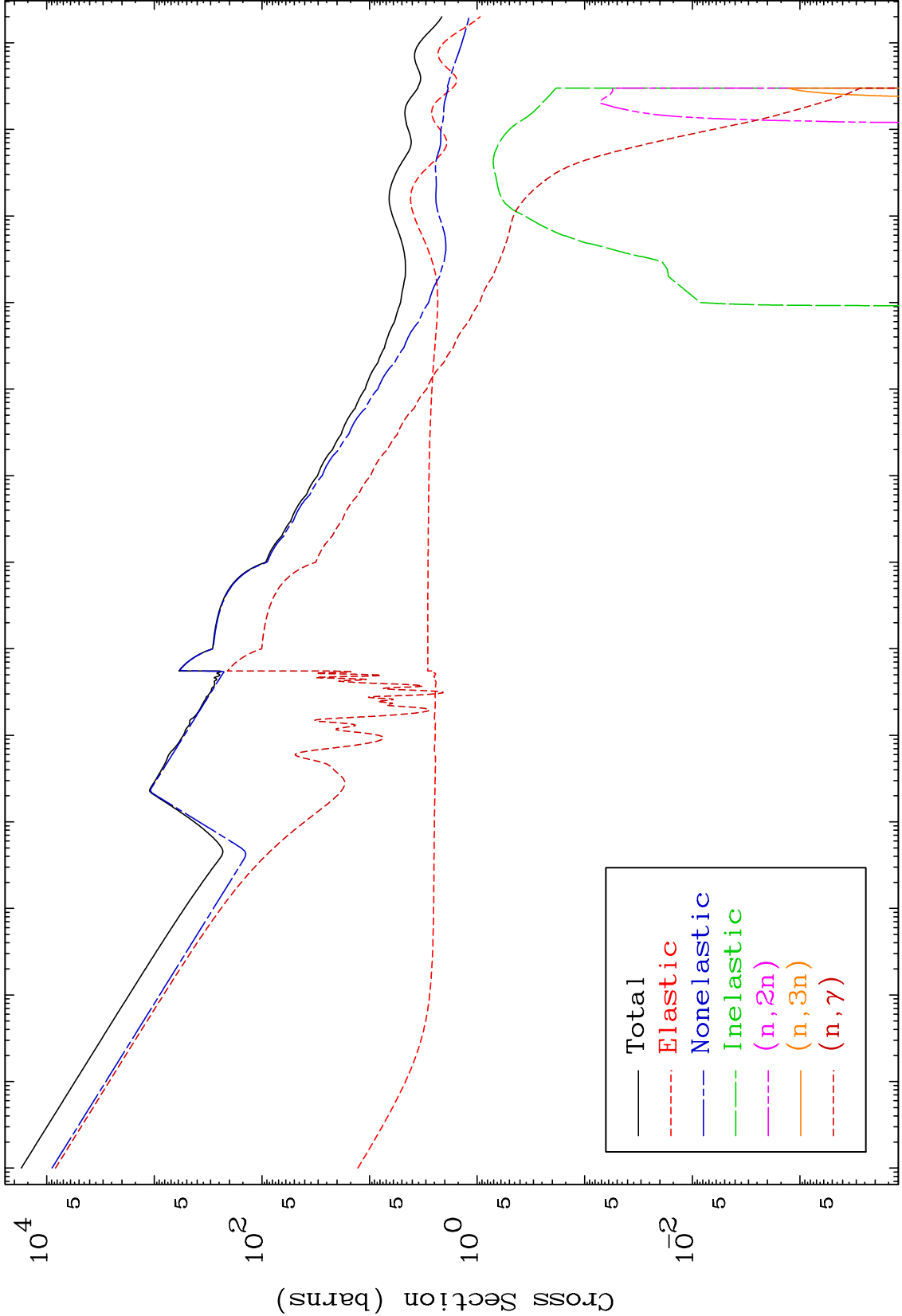
Dermott E. Cullen
(Present Contact Information)

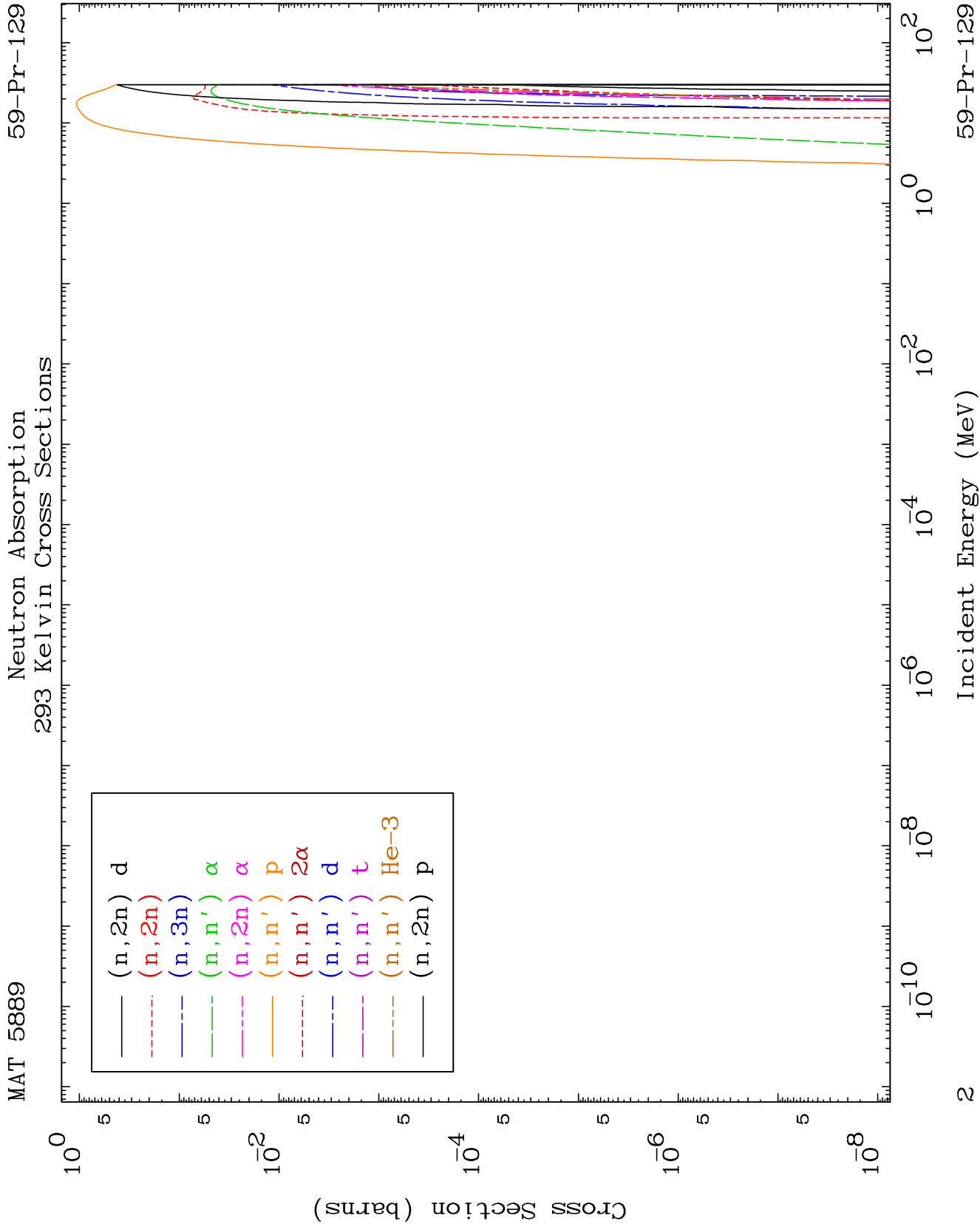
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

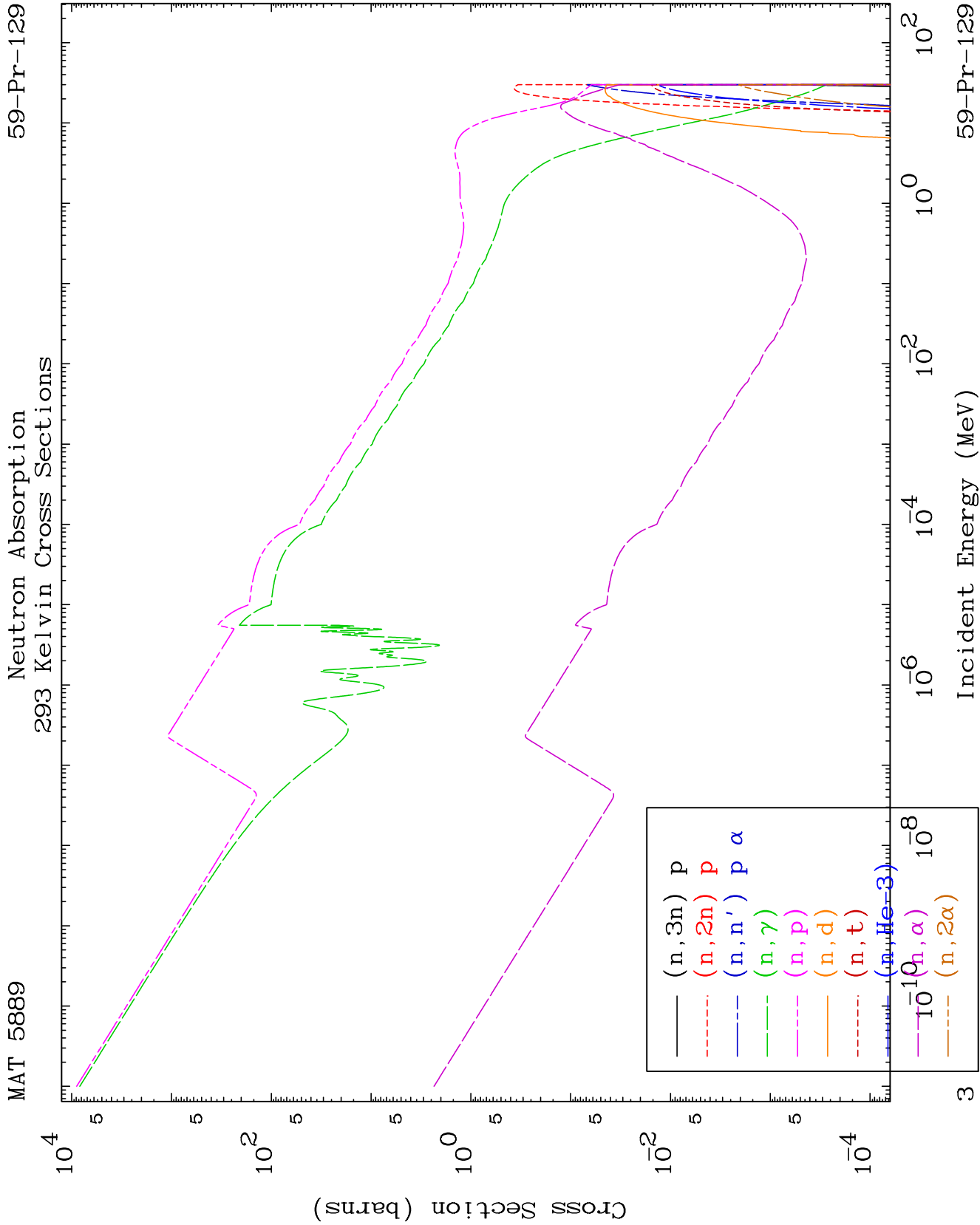
Tele: 925-443-1911

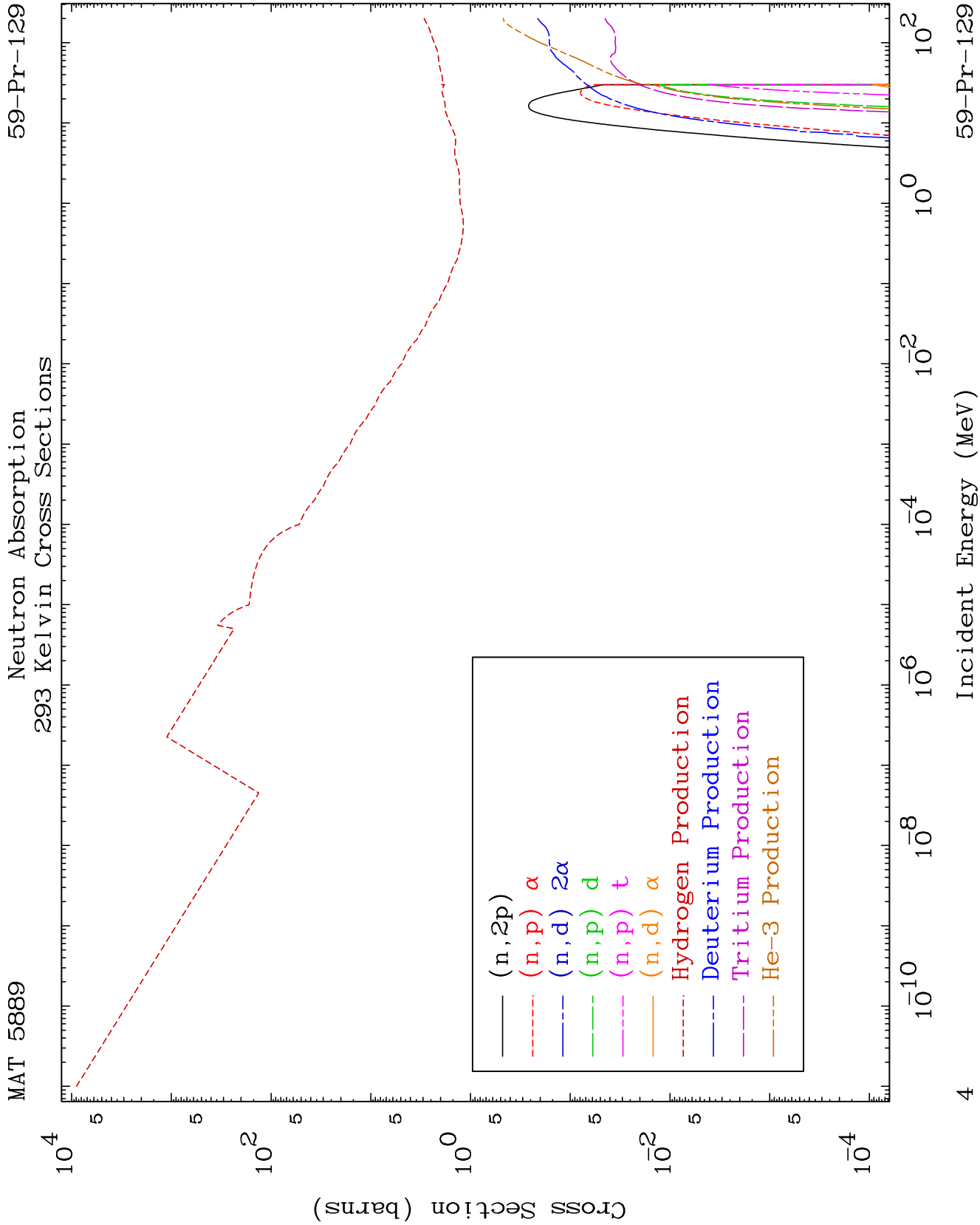
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

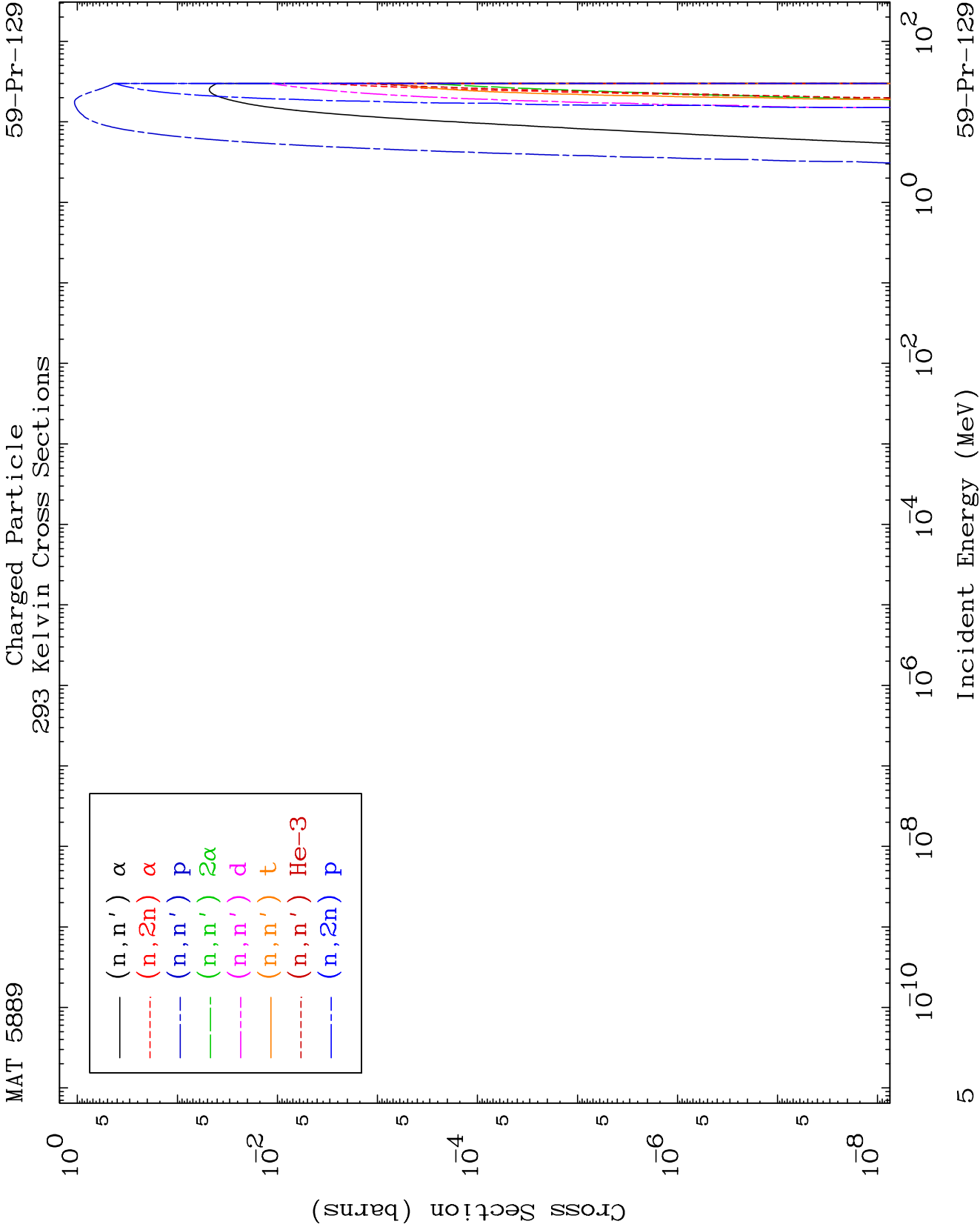
Press Mouse Button to Start

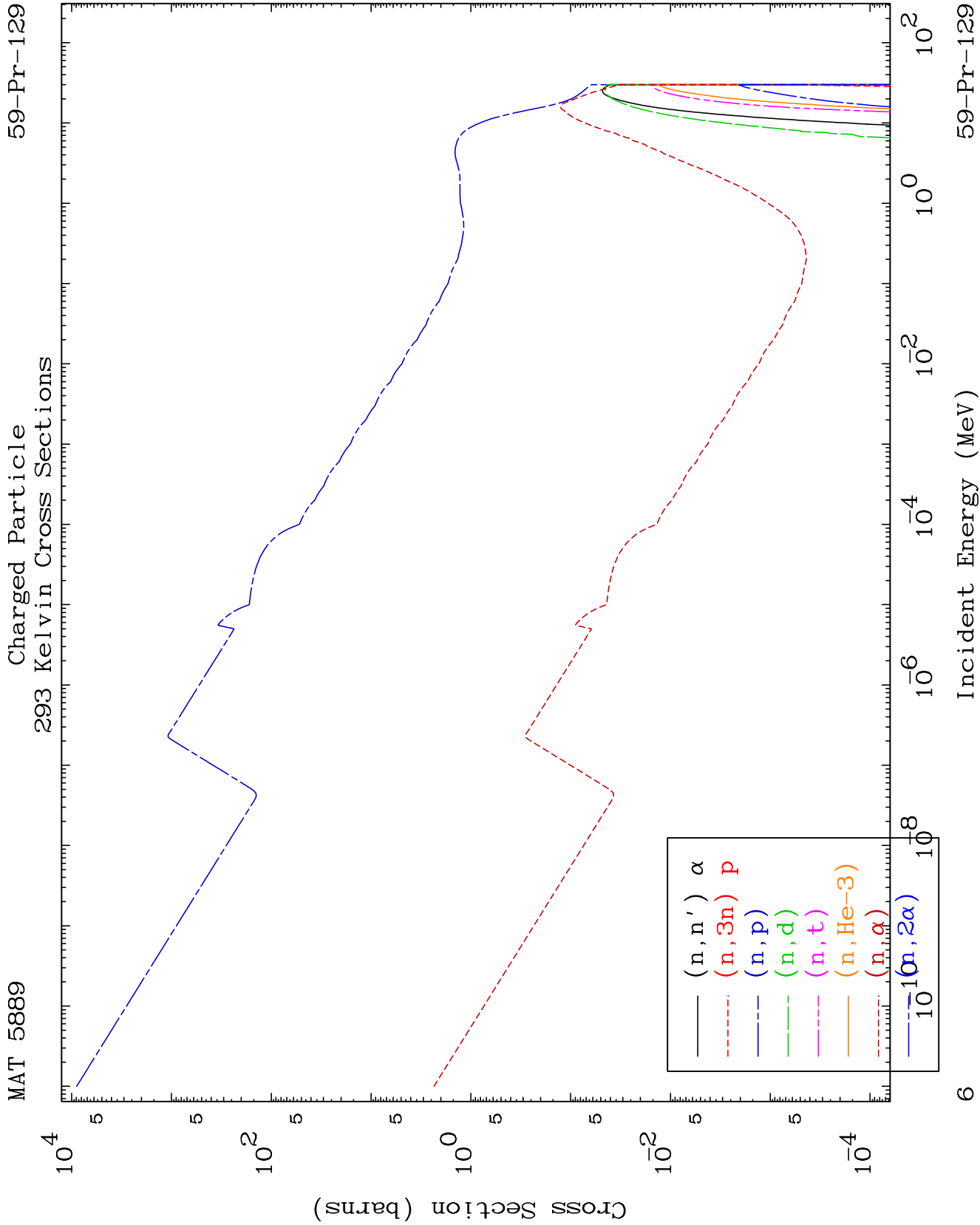








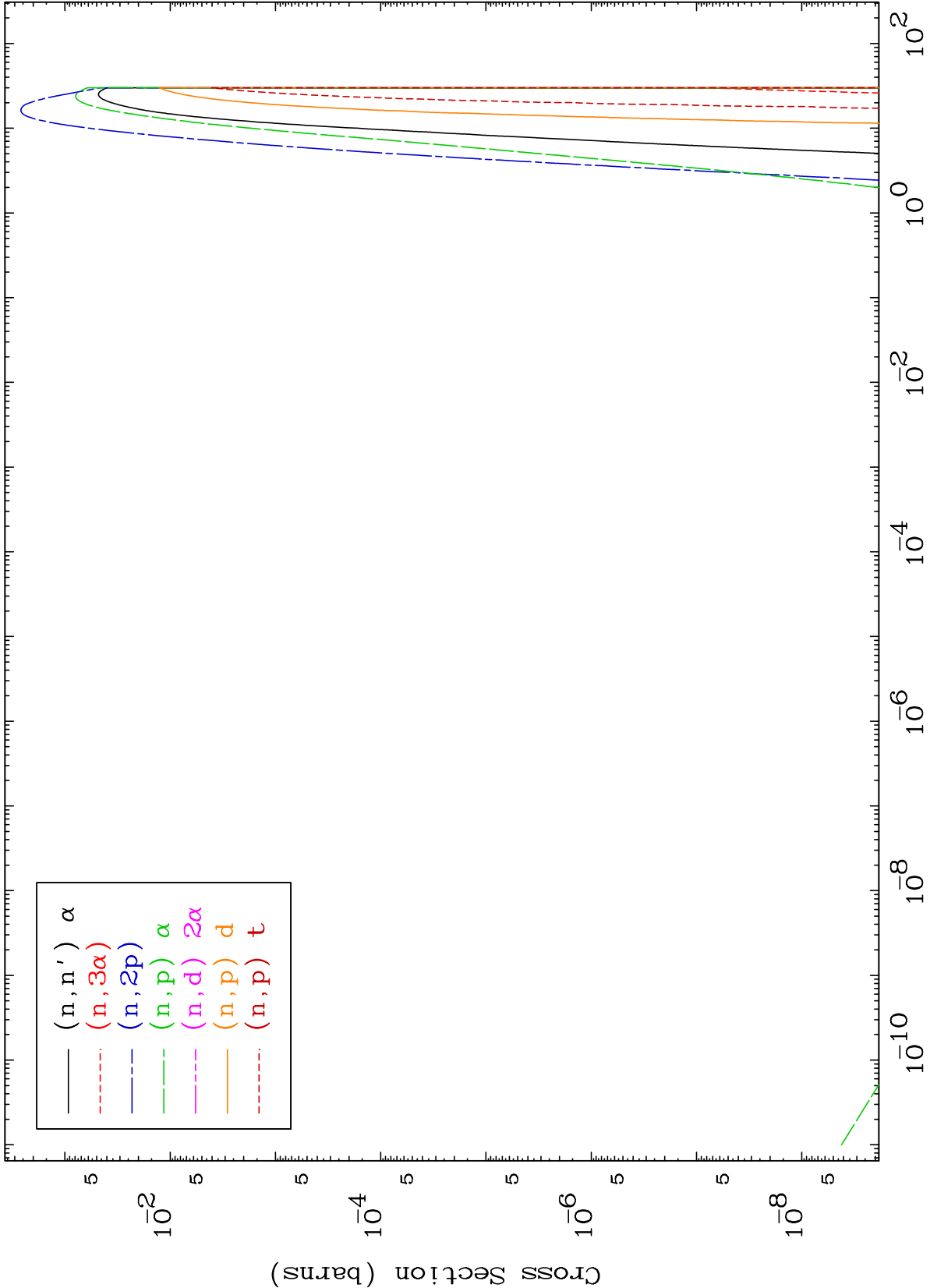




MAT 5889

Charged Particle
293 Kelvin Cross Sections

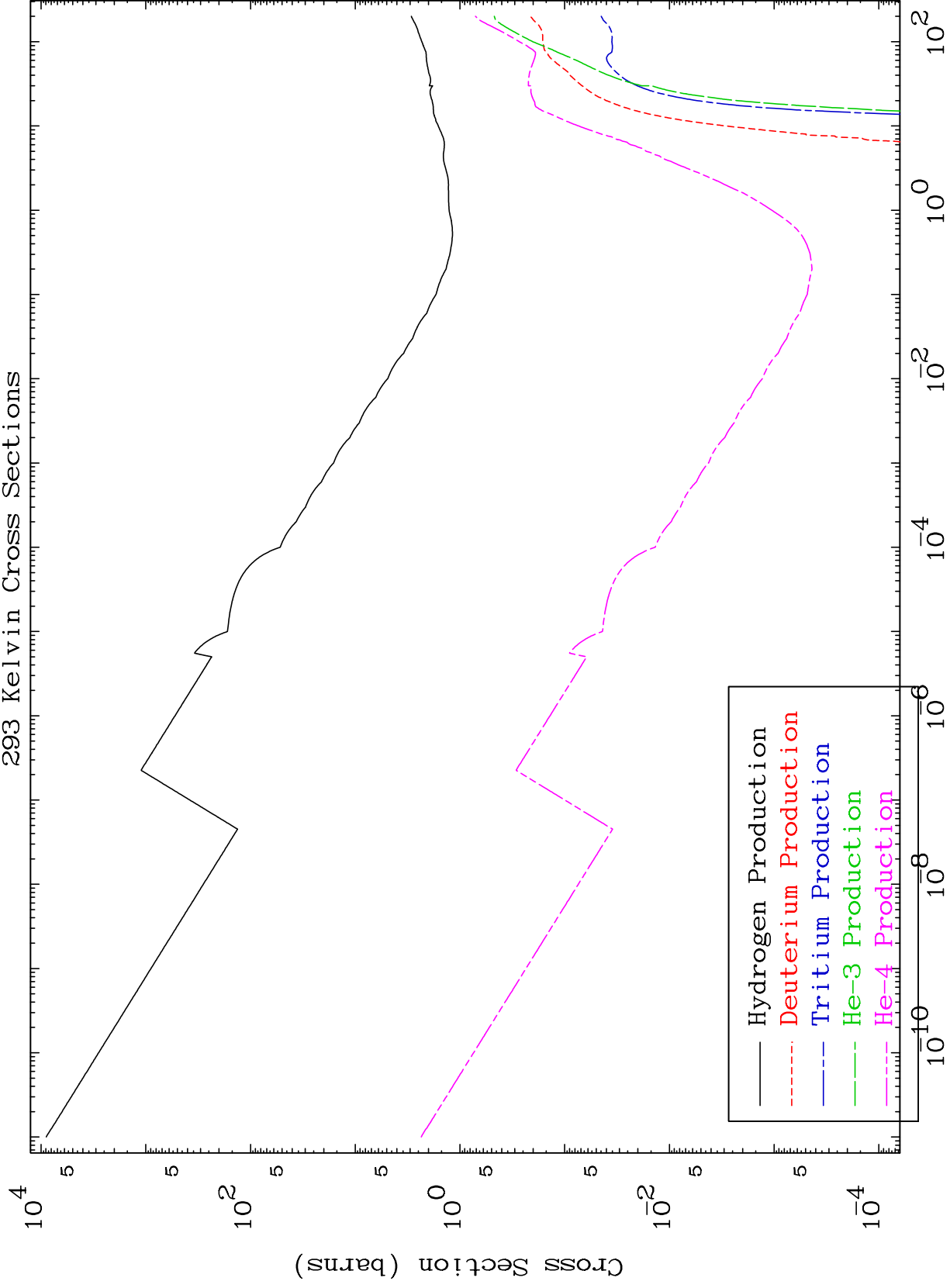
59-Pr-129

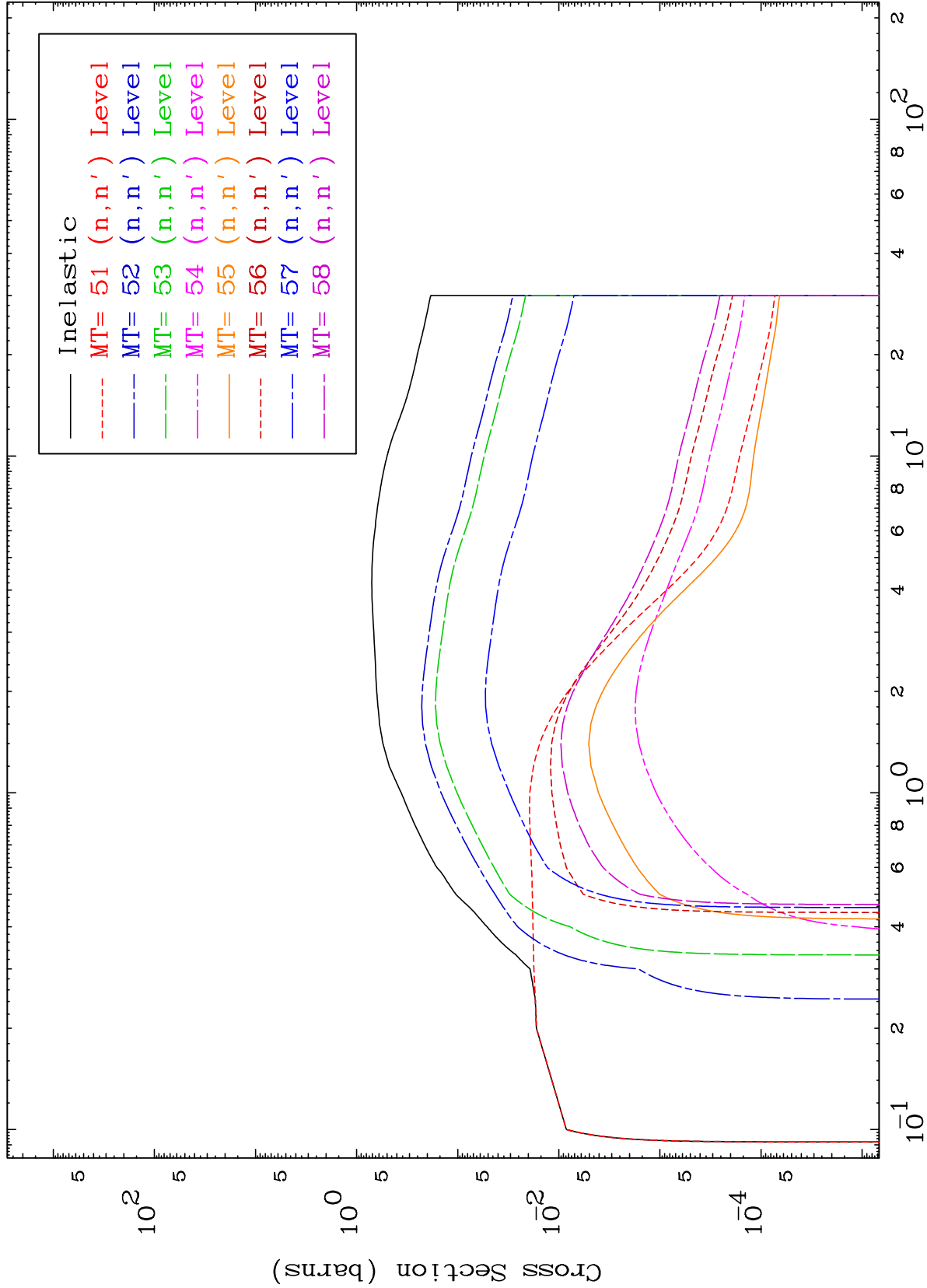


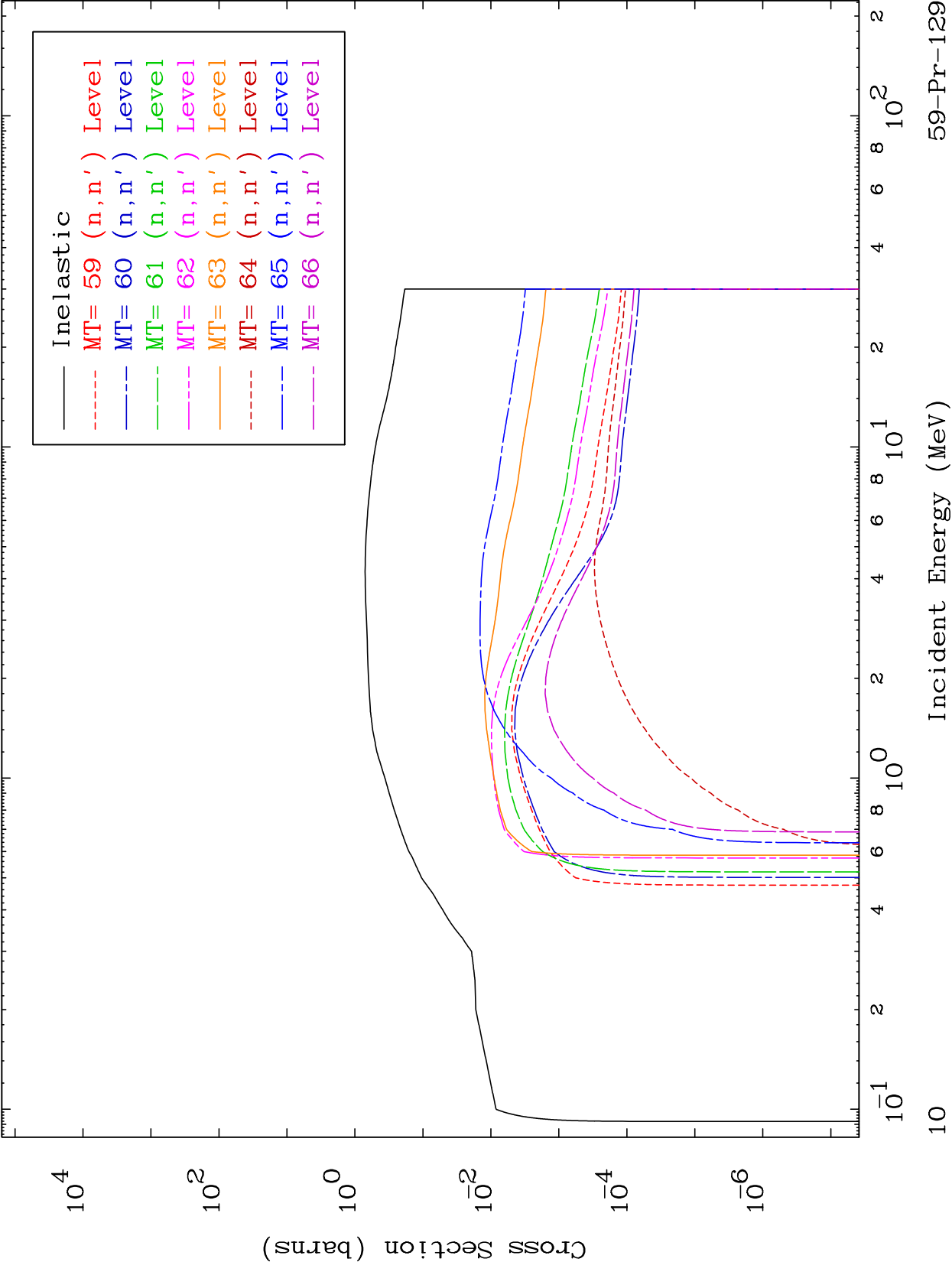
MAT 5889

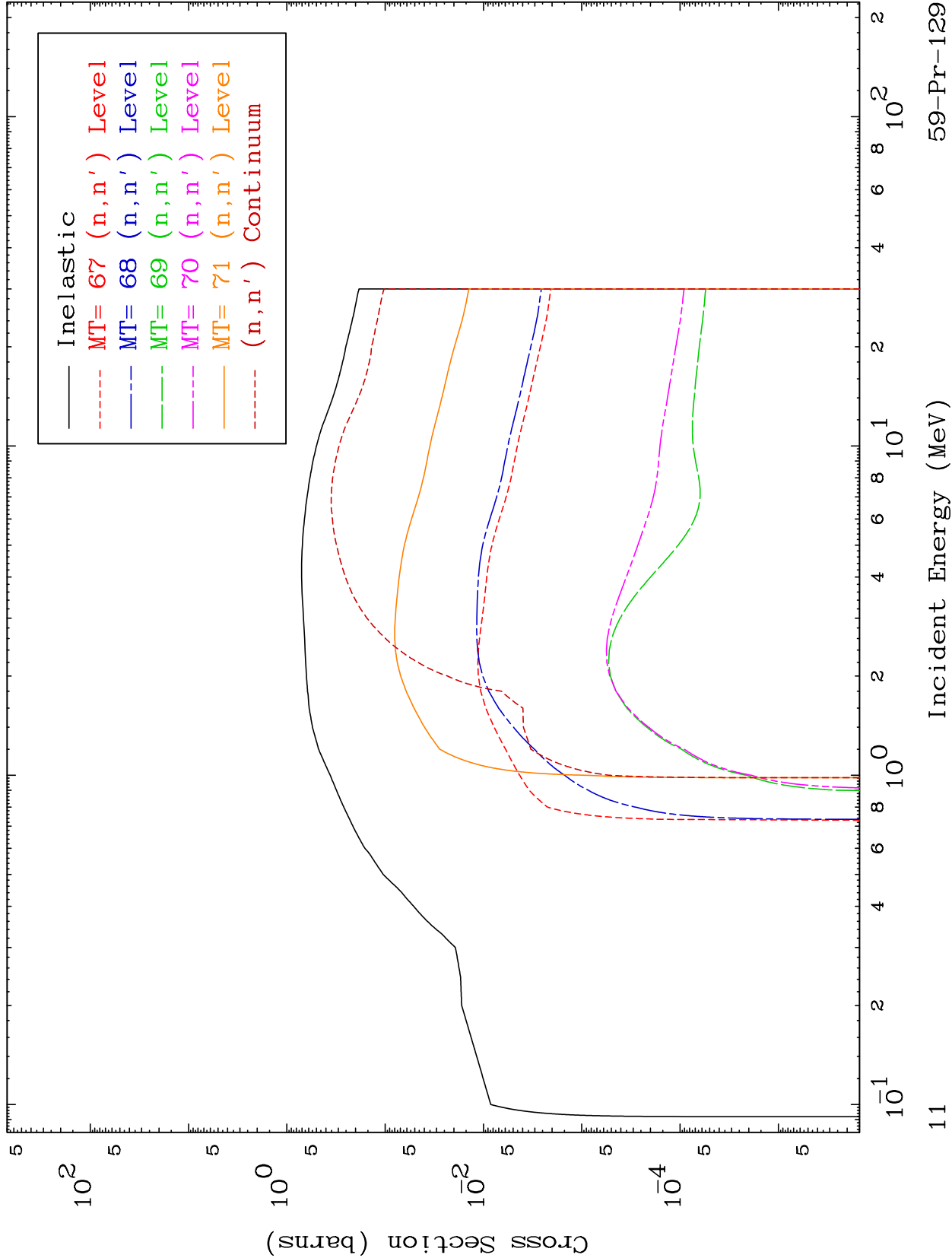
Particle Production
293 Kelvin Cross Sections

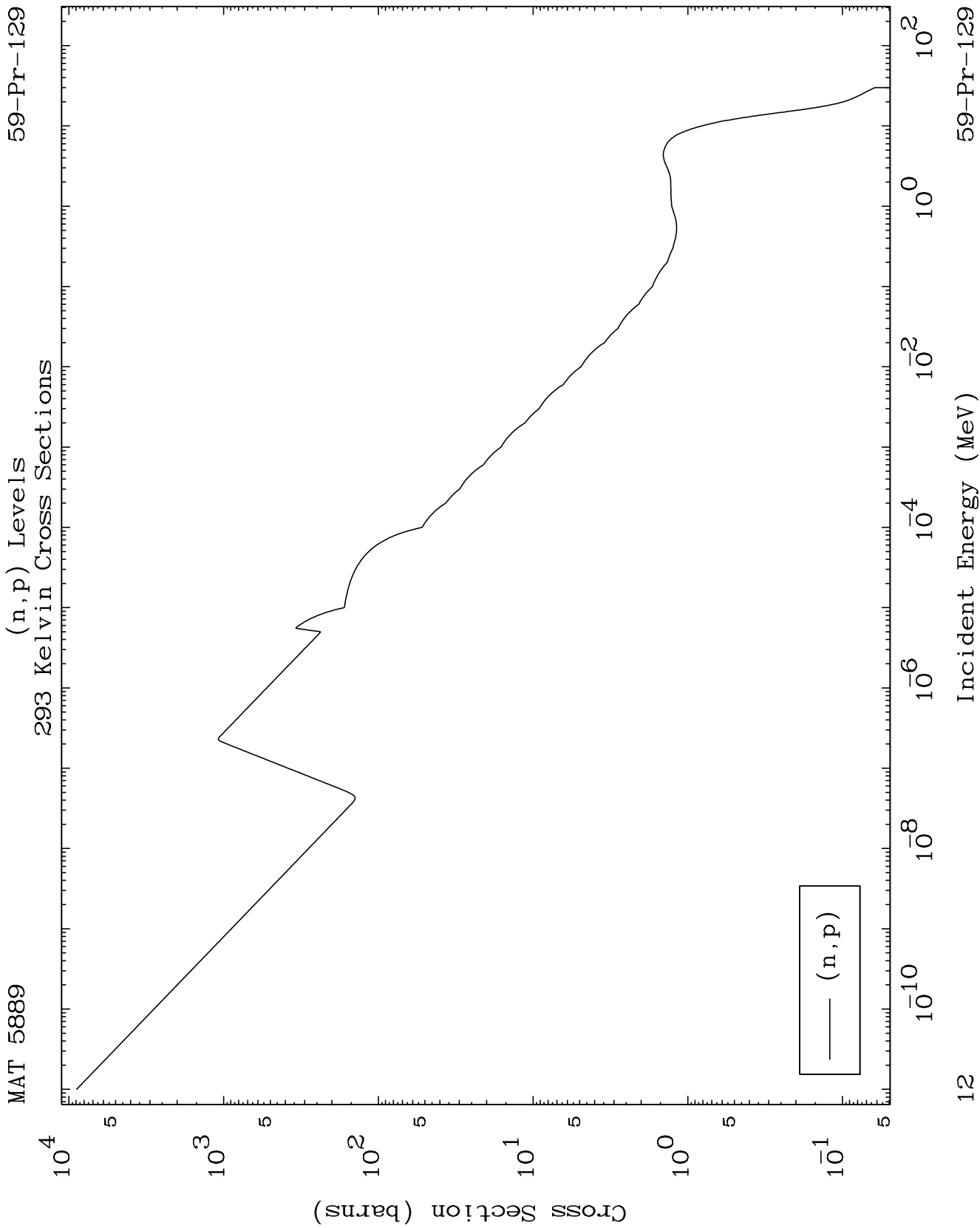
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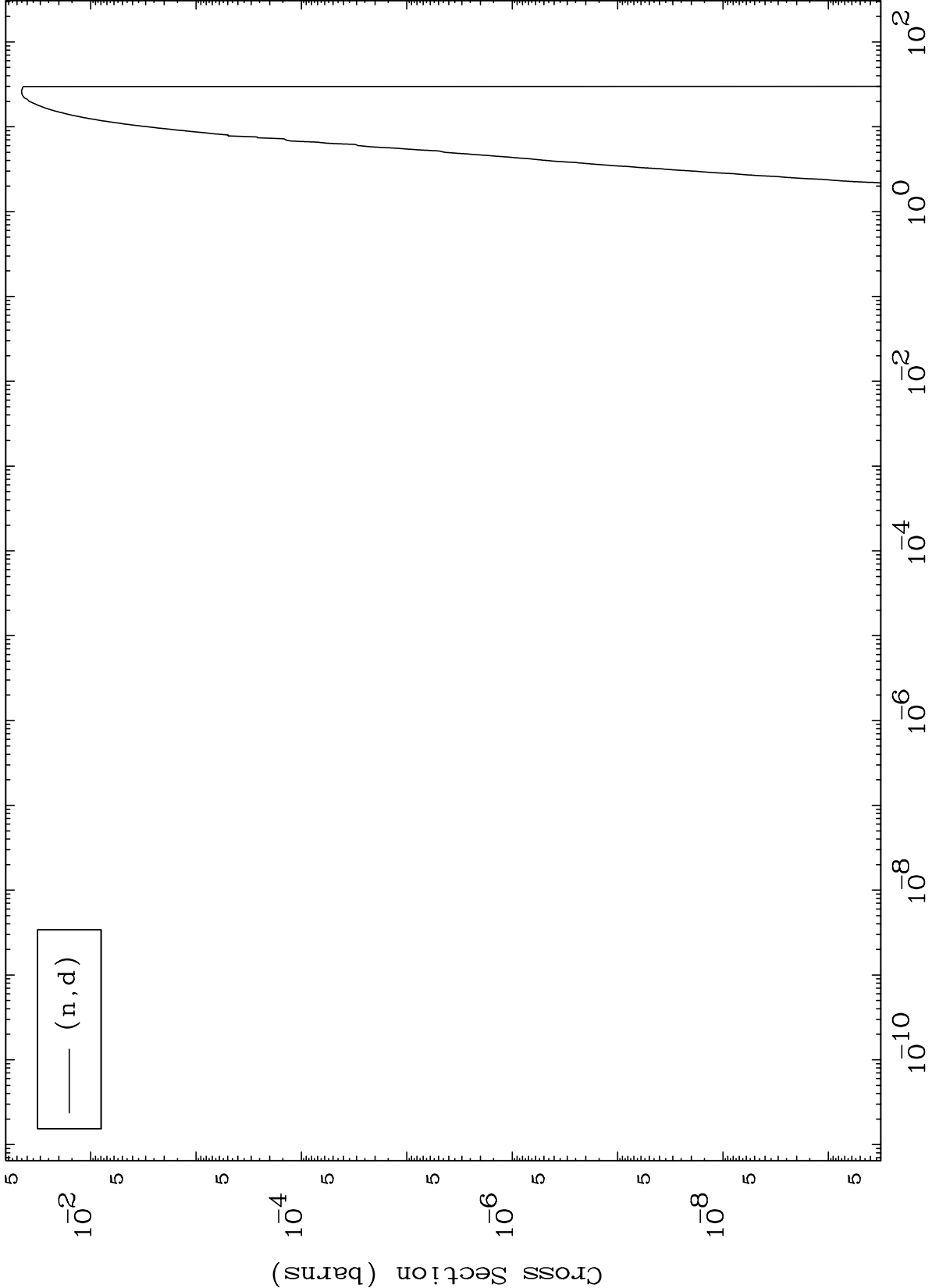








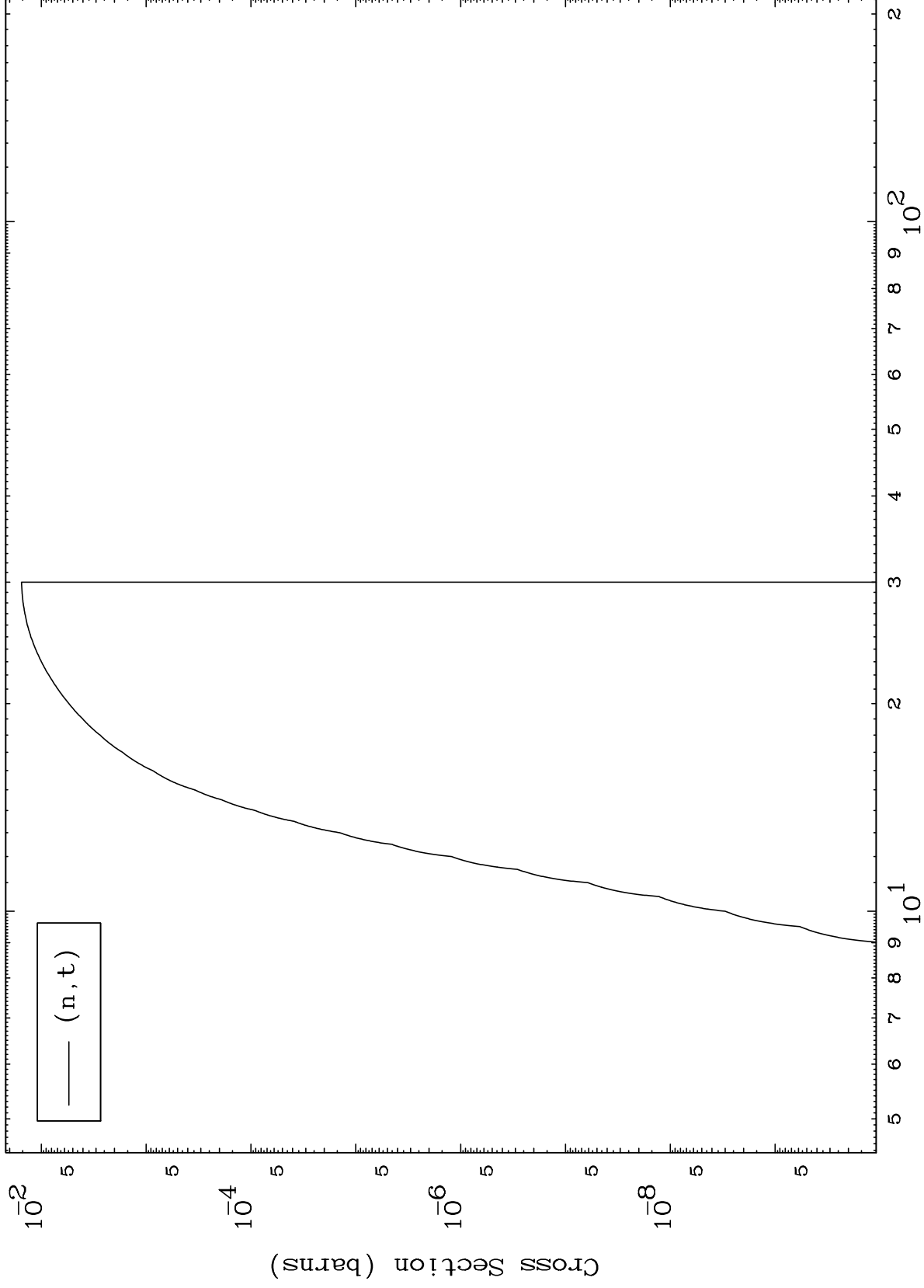




MAT 5889

59-Pr-129

(n,t) Levels
293 Kelvin Cross Sections



59-Pr-129

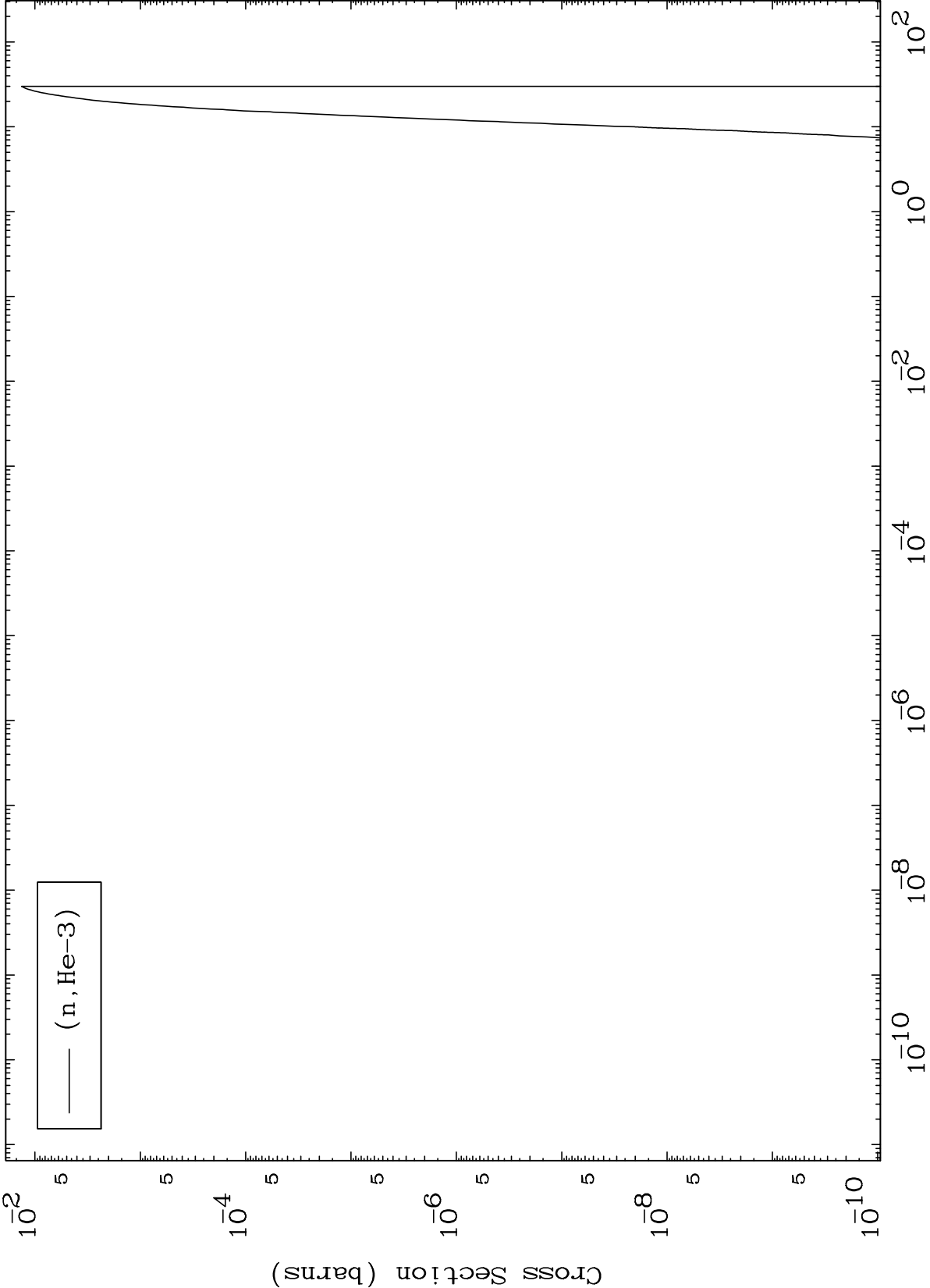
Incident Energy (MeV)

14

MAT 5889

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-129



— (n, He-3)

15

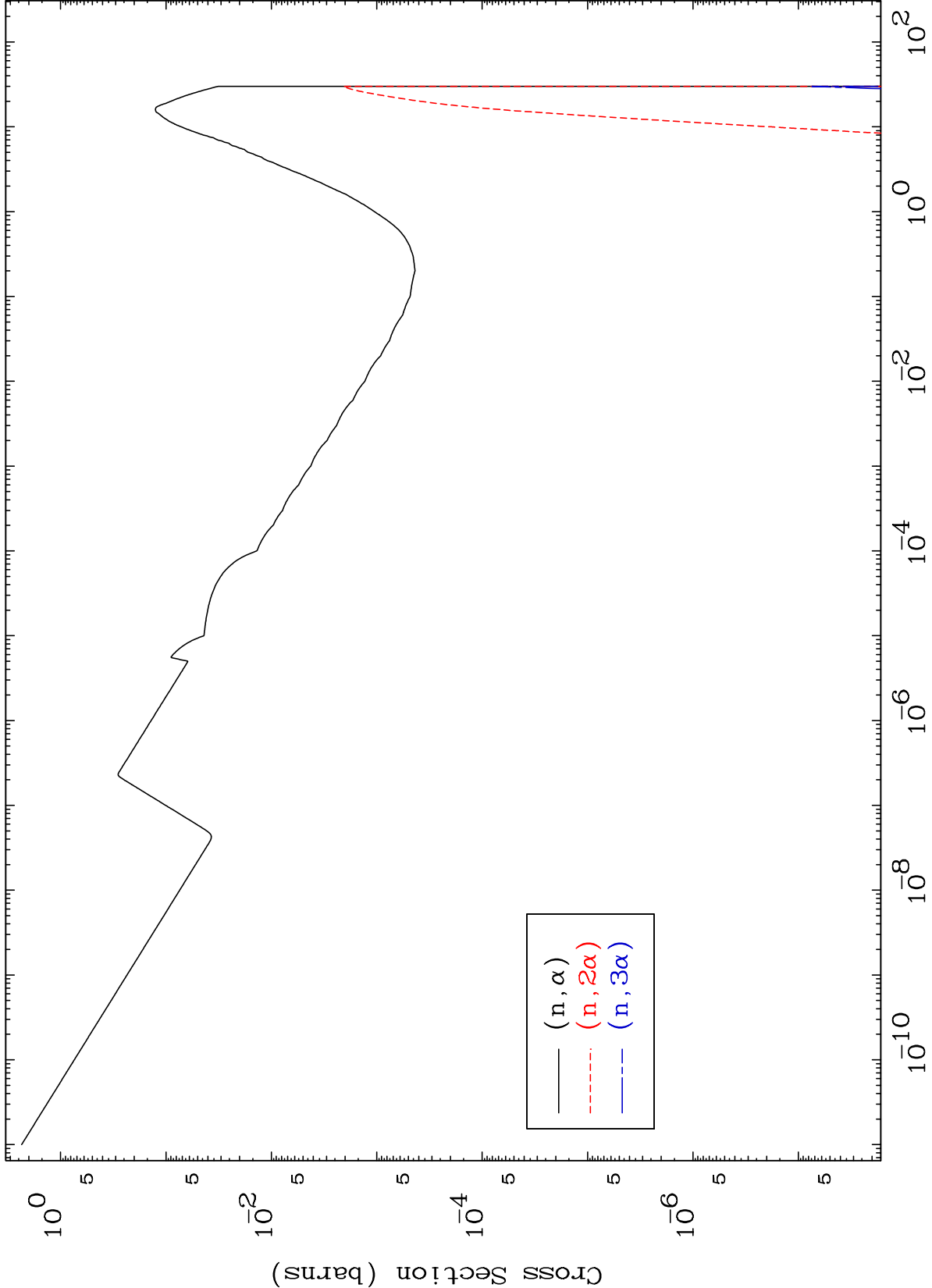
Incident Energy (MeV)

59-Pr-129

MAT 5889

(n, α) Levels
293 Kelvin Cross Sections

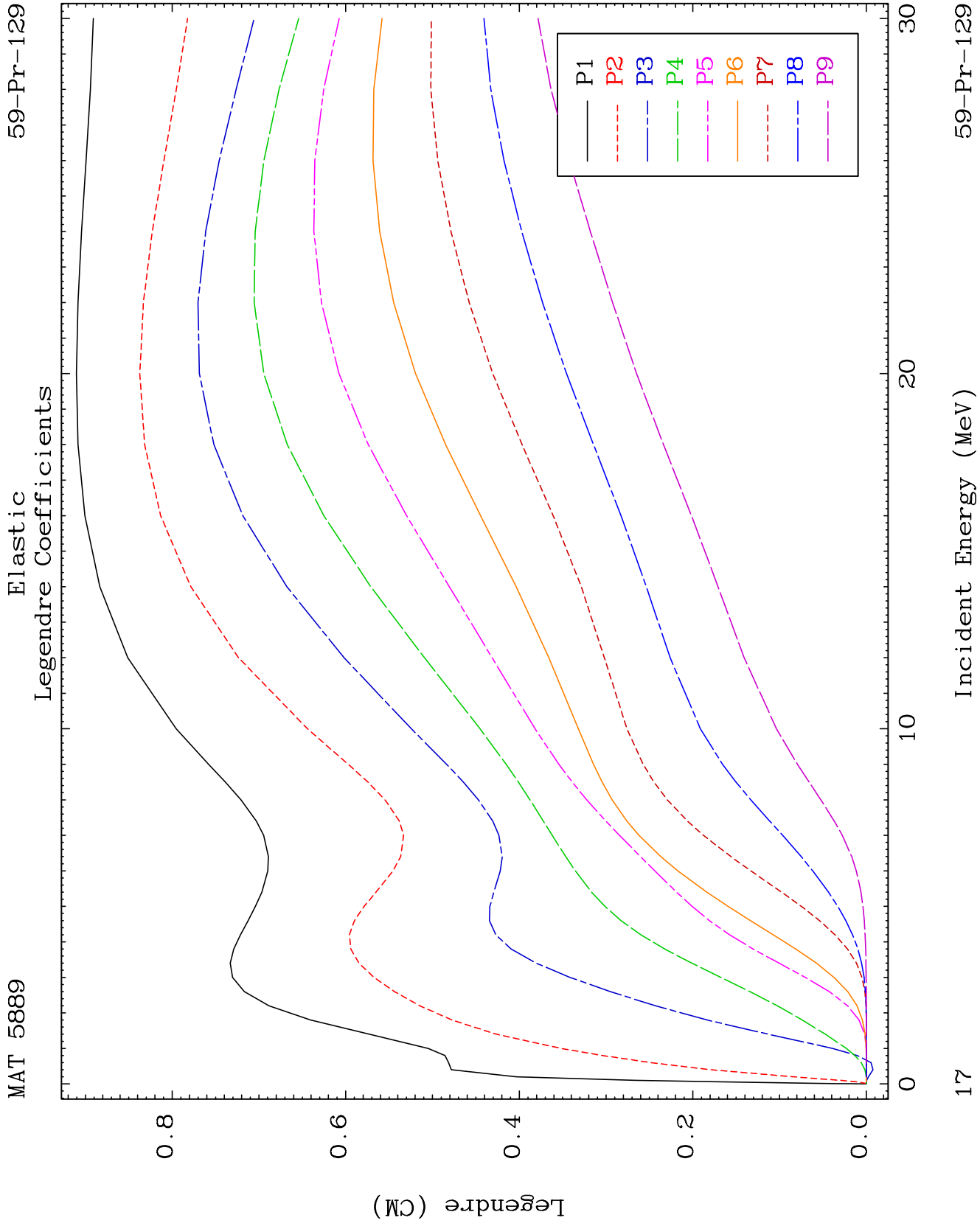
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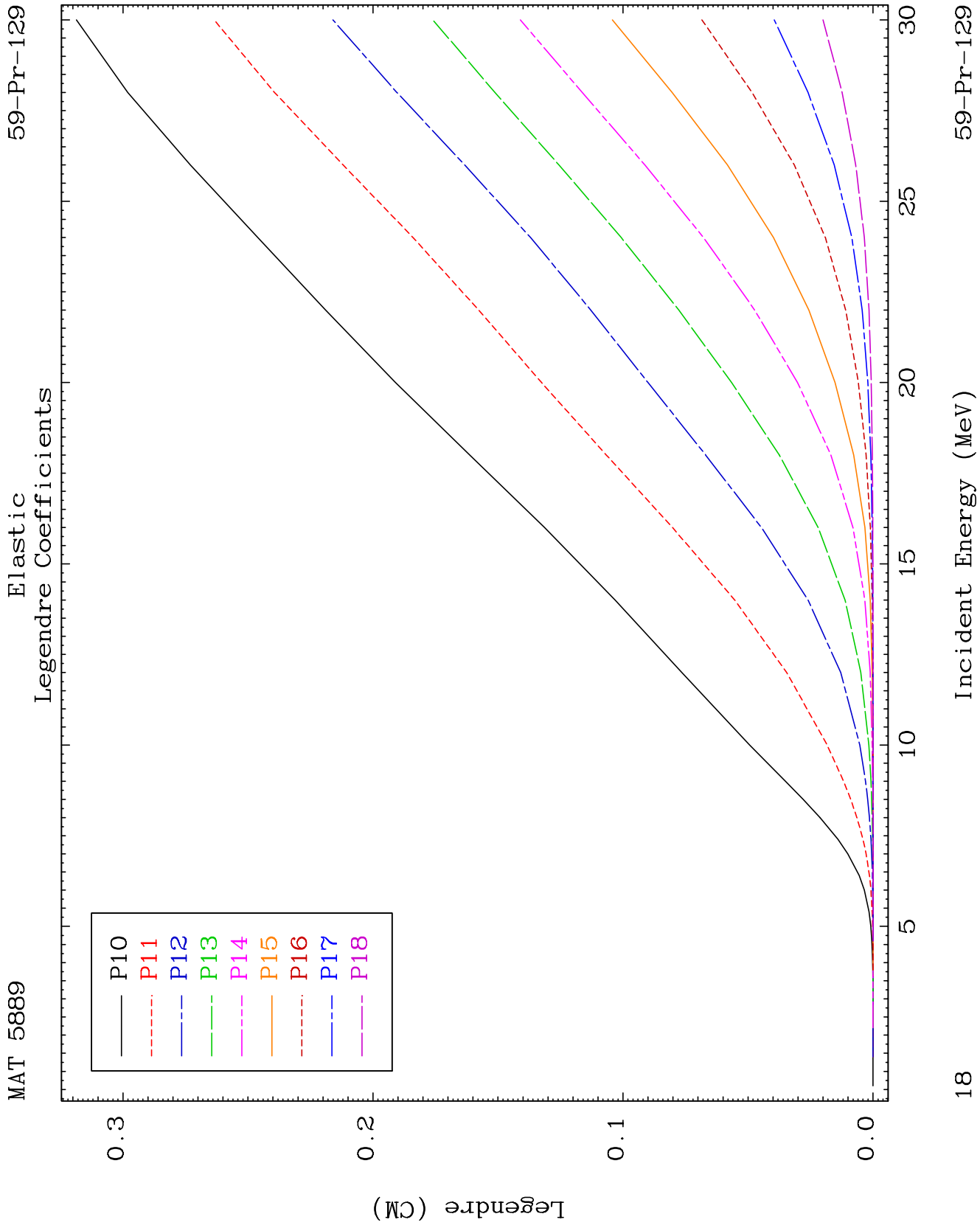


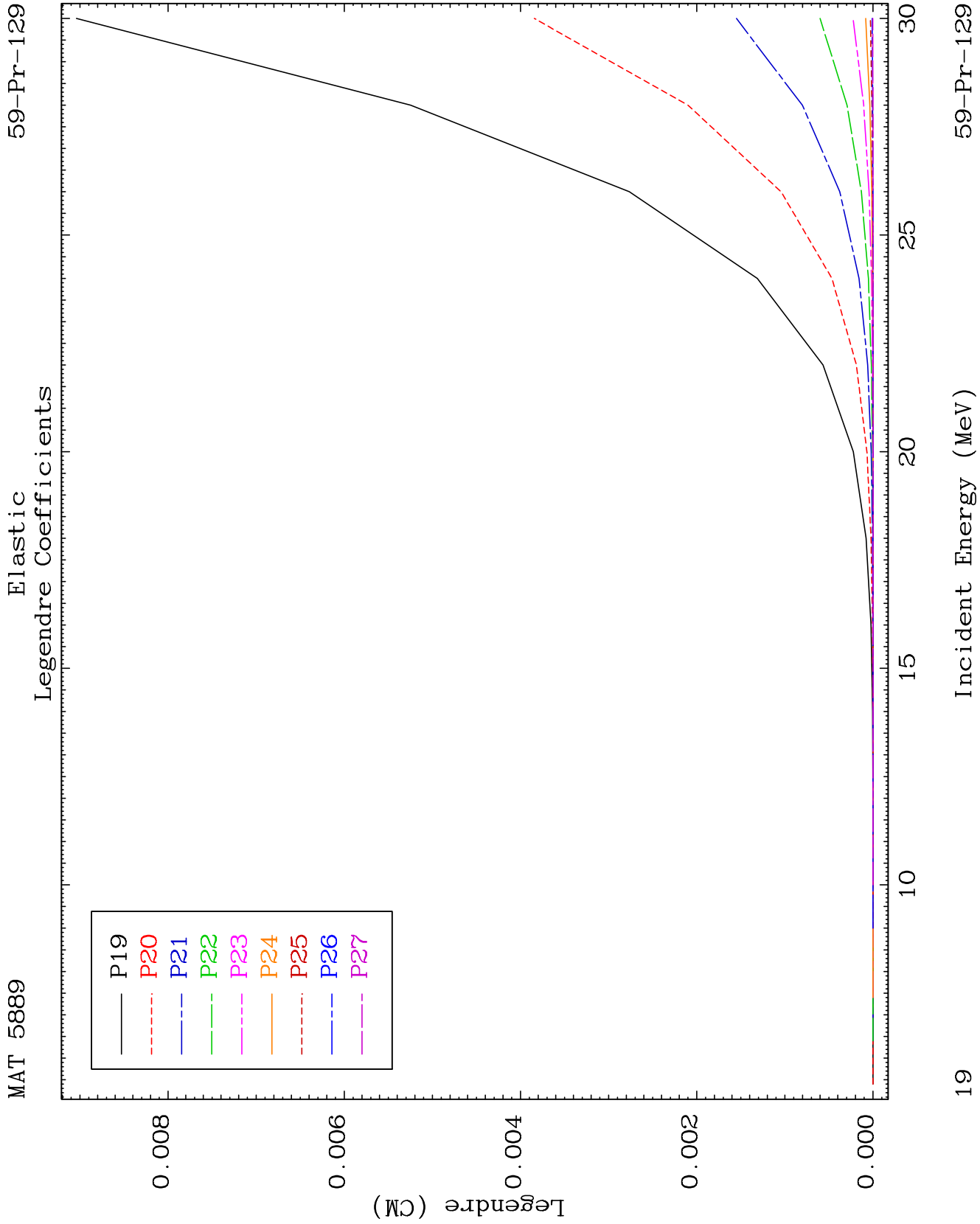
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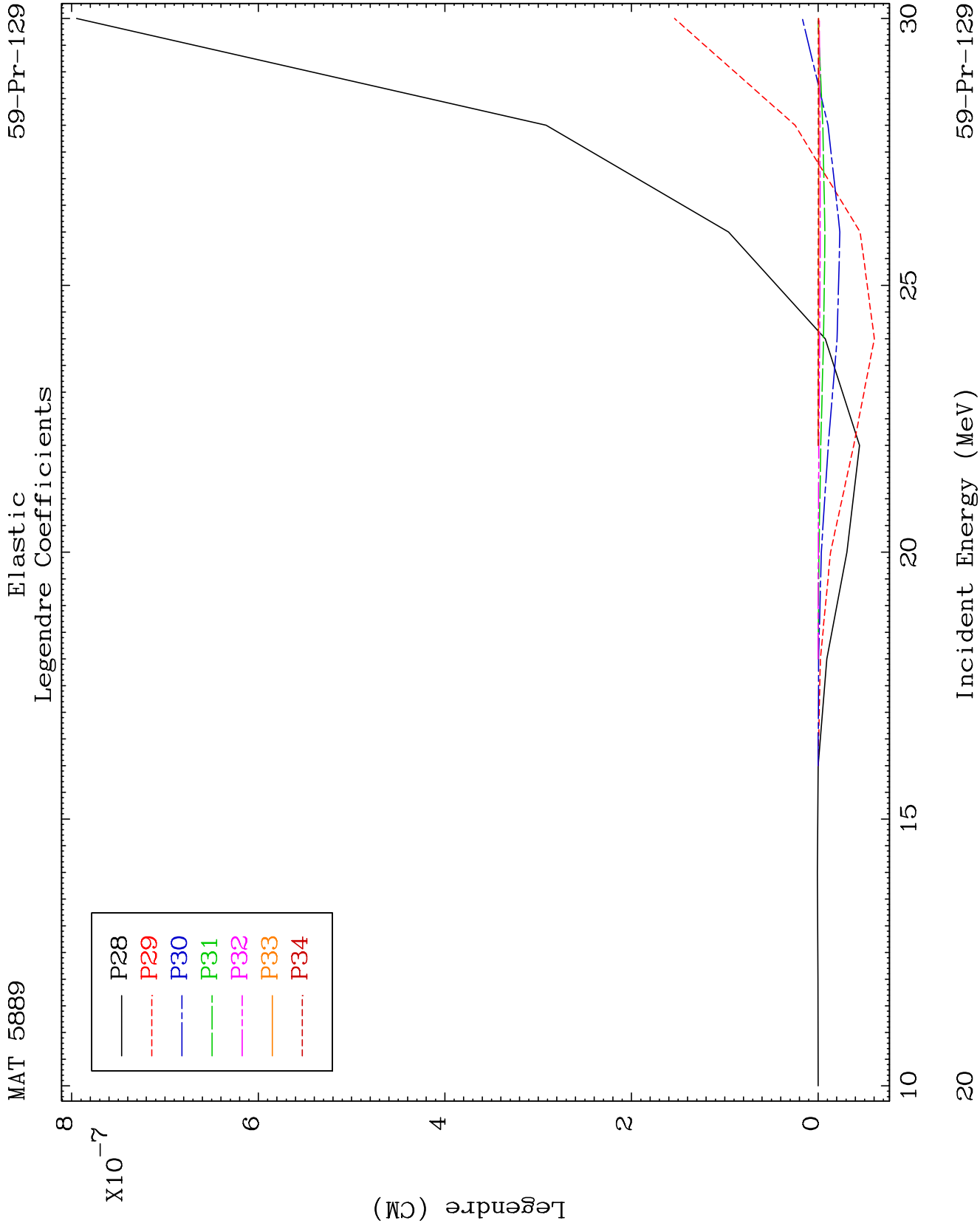
Incident Energy (MeV)

59-Pr-129





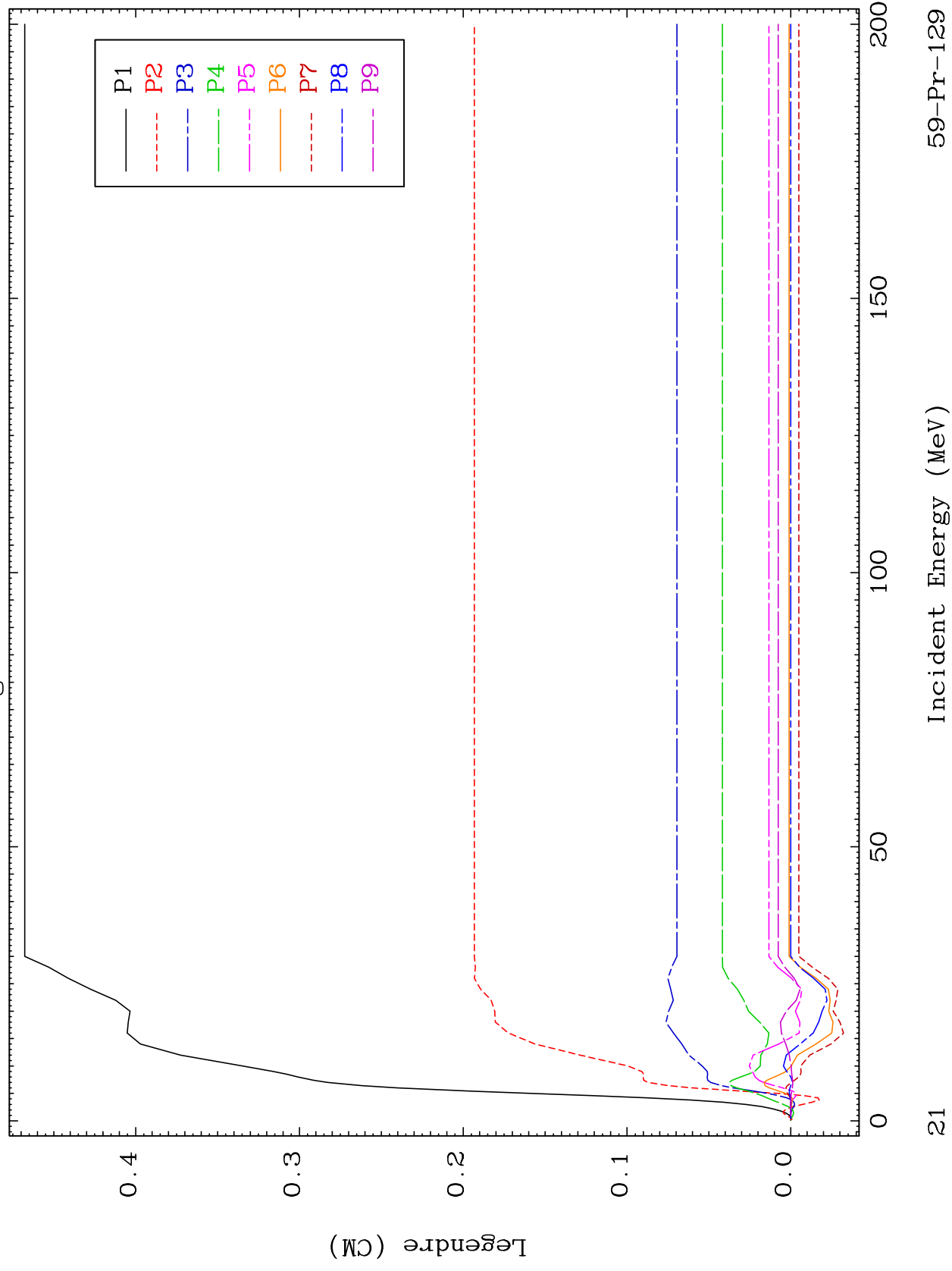


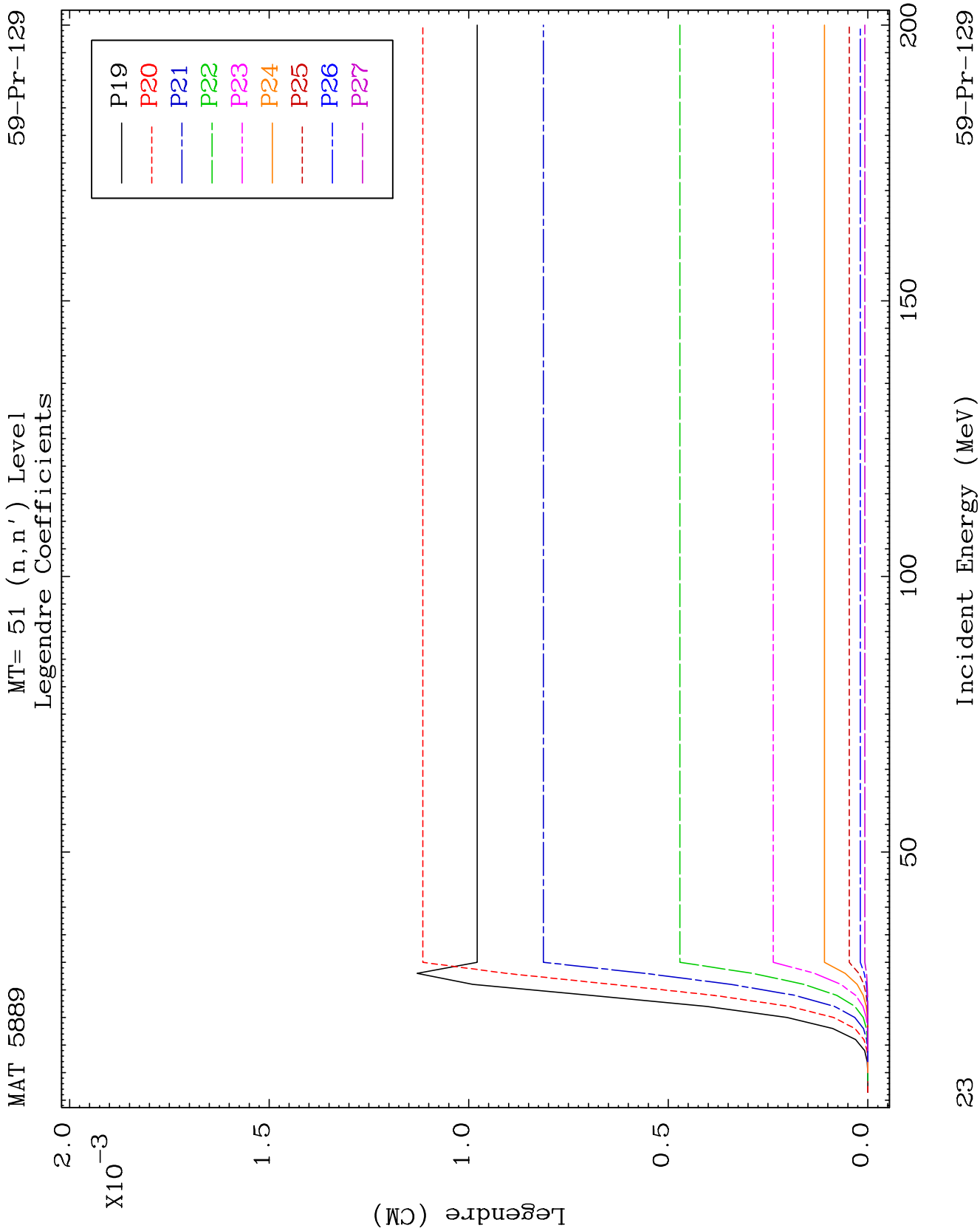


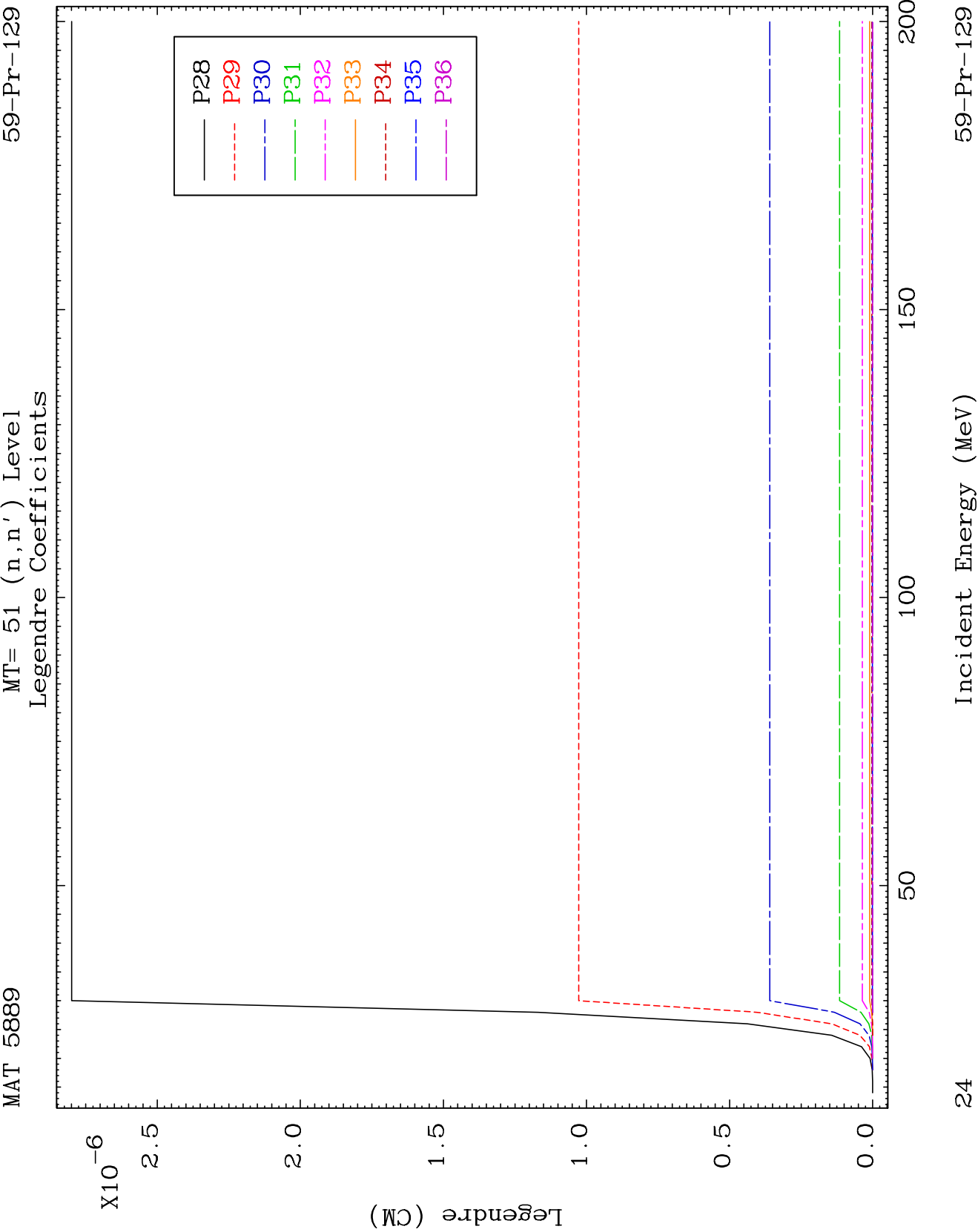
MAT 5889

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

59-Pr-129



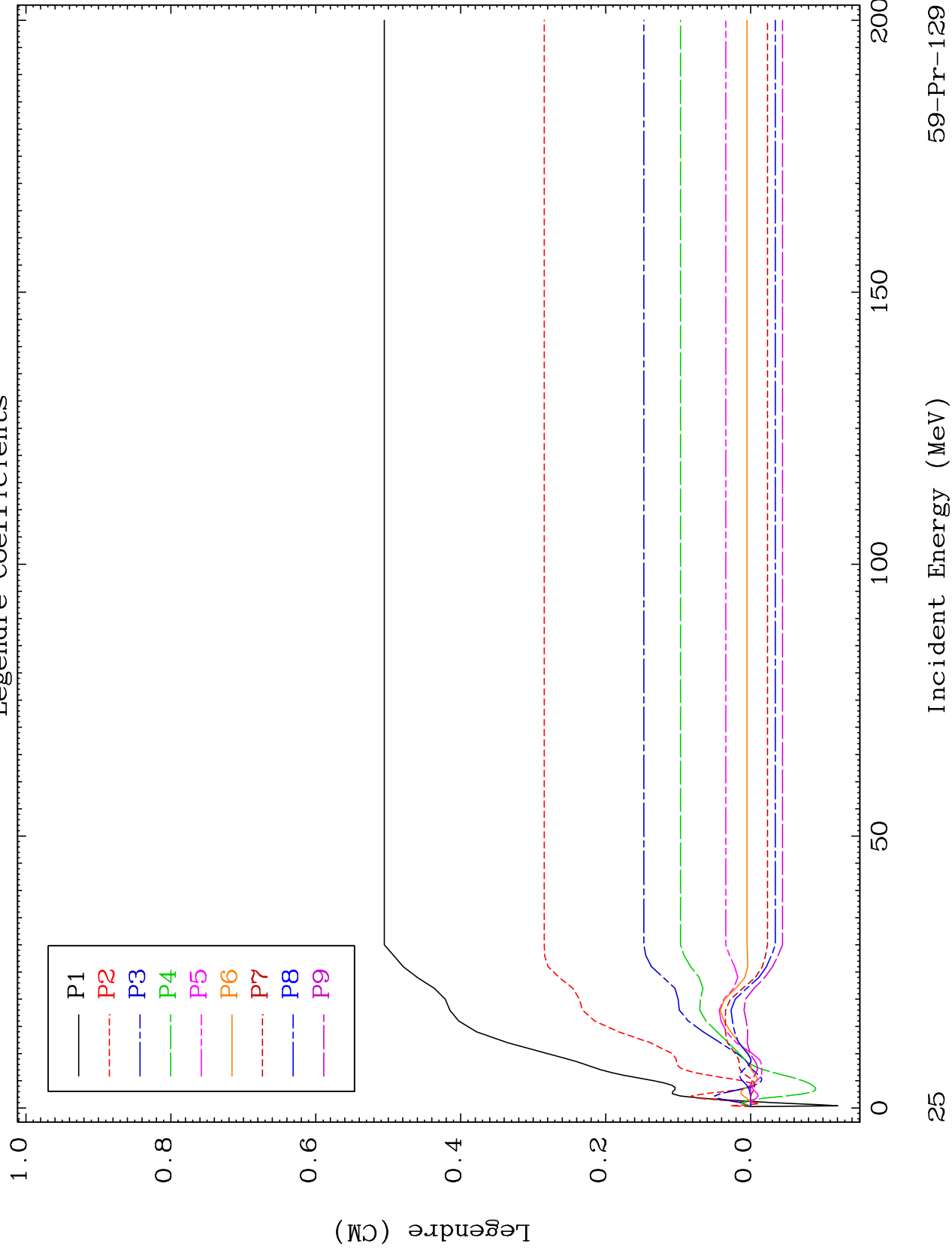




MAT 5889

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

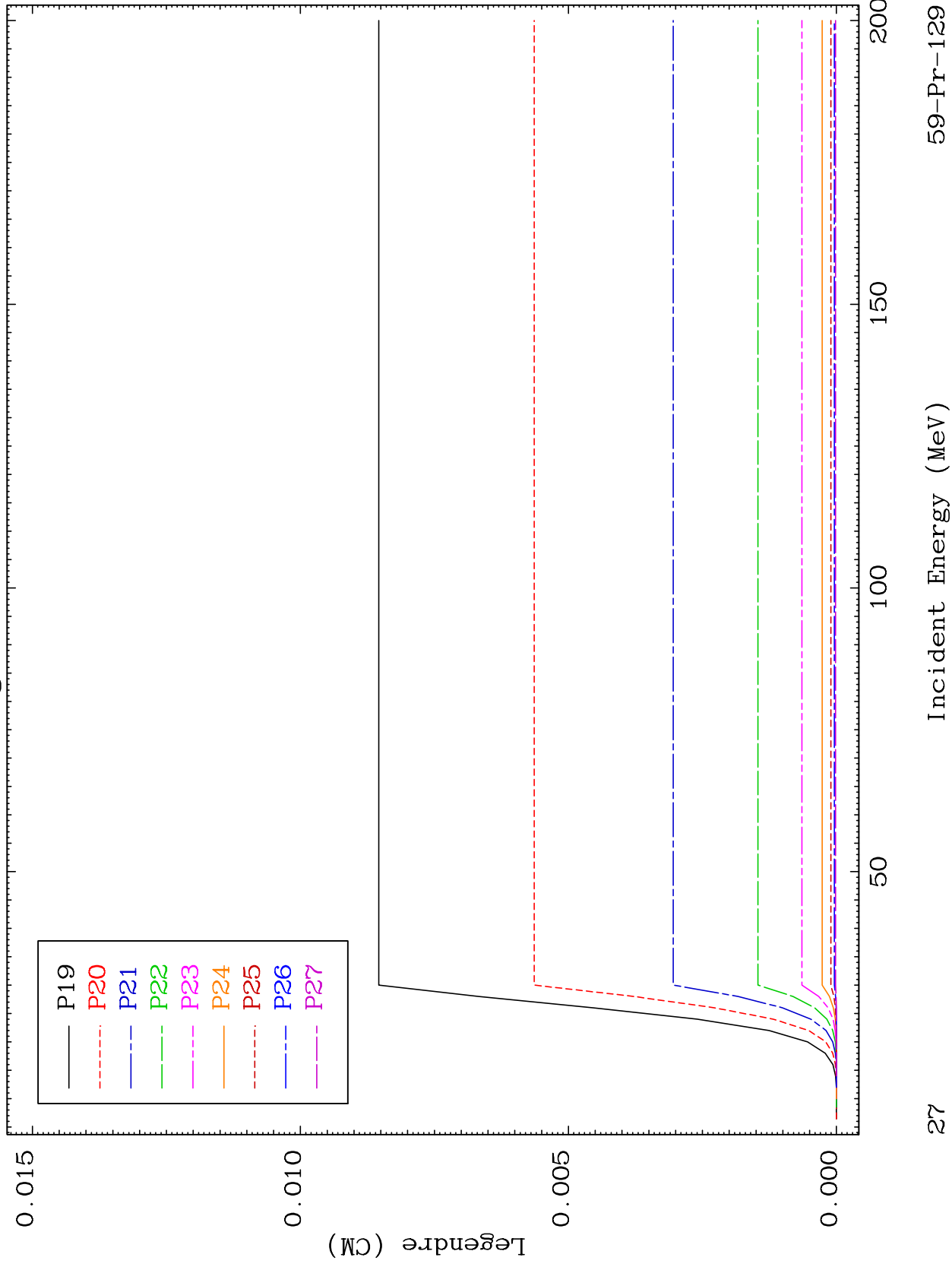
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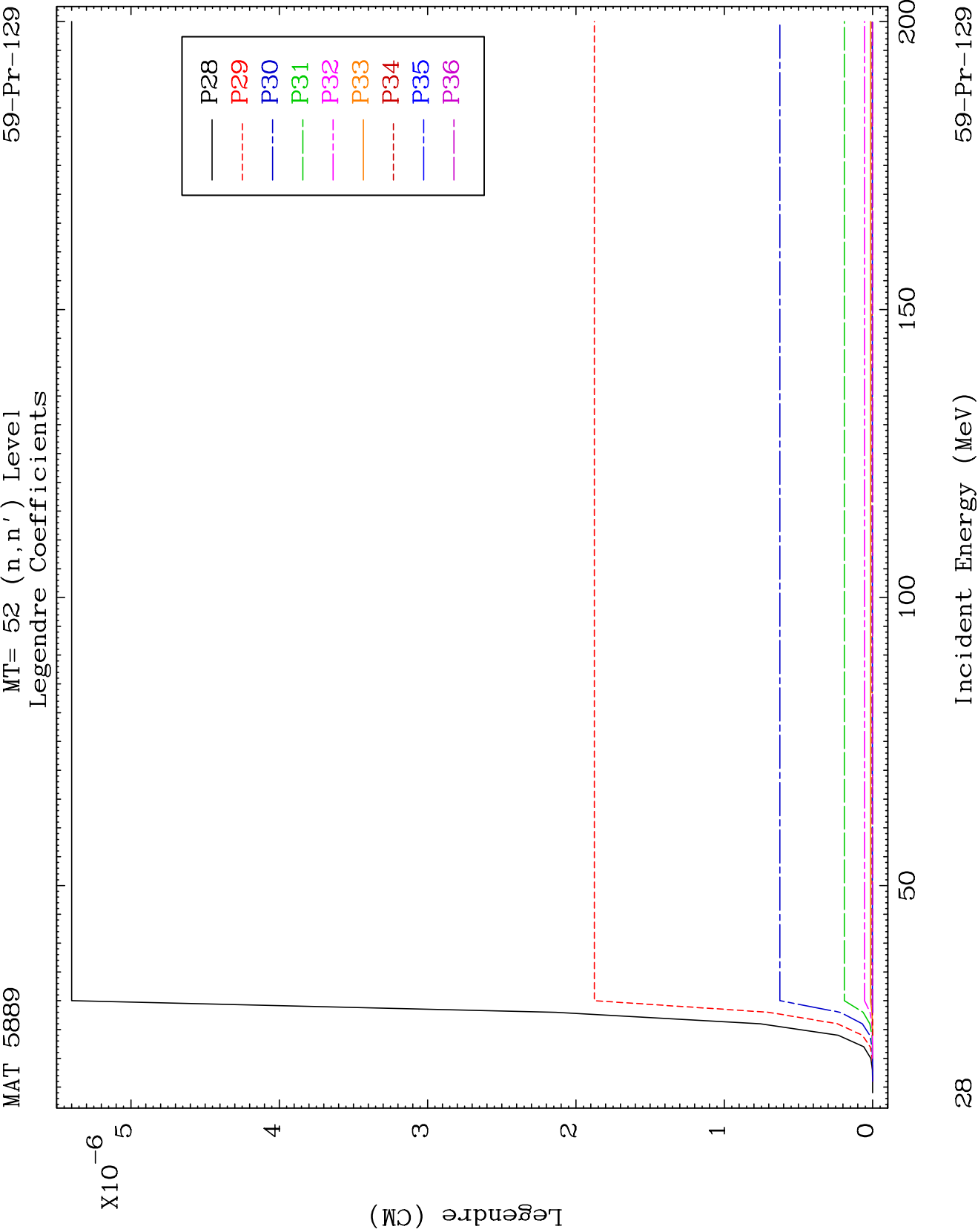


MAT 5889

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

59-Pr-129

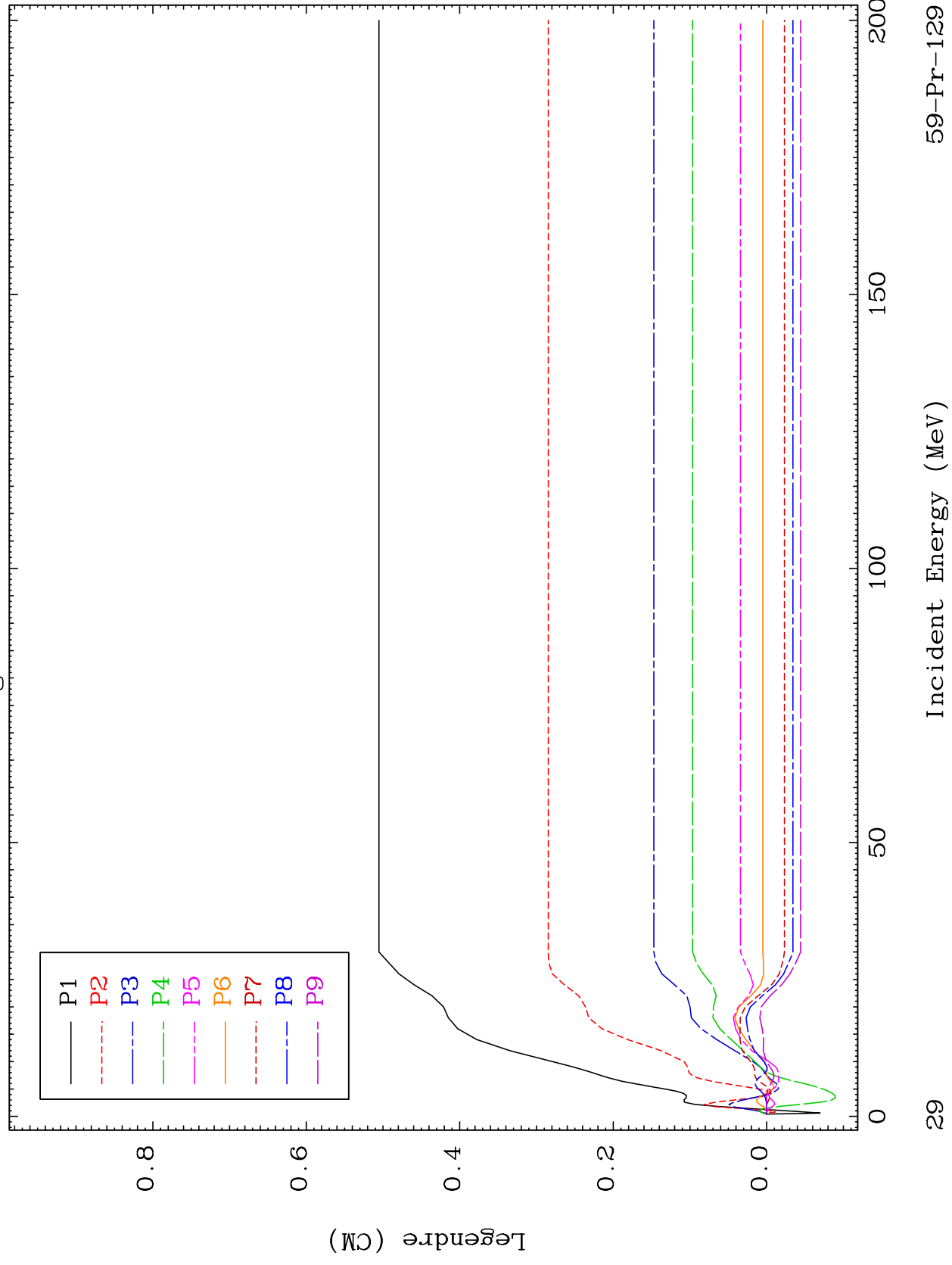




MAT 5889

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

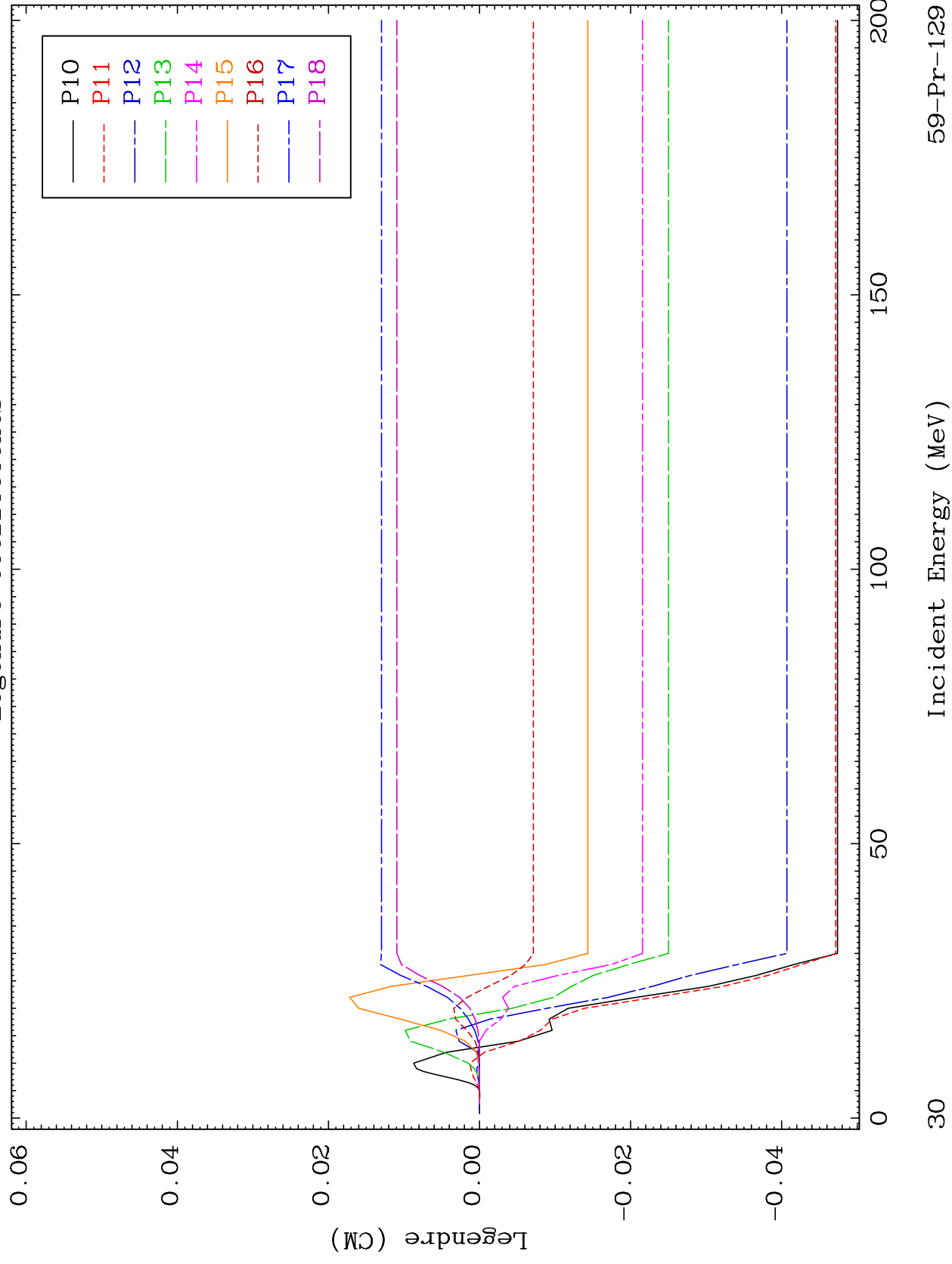
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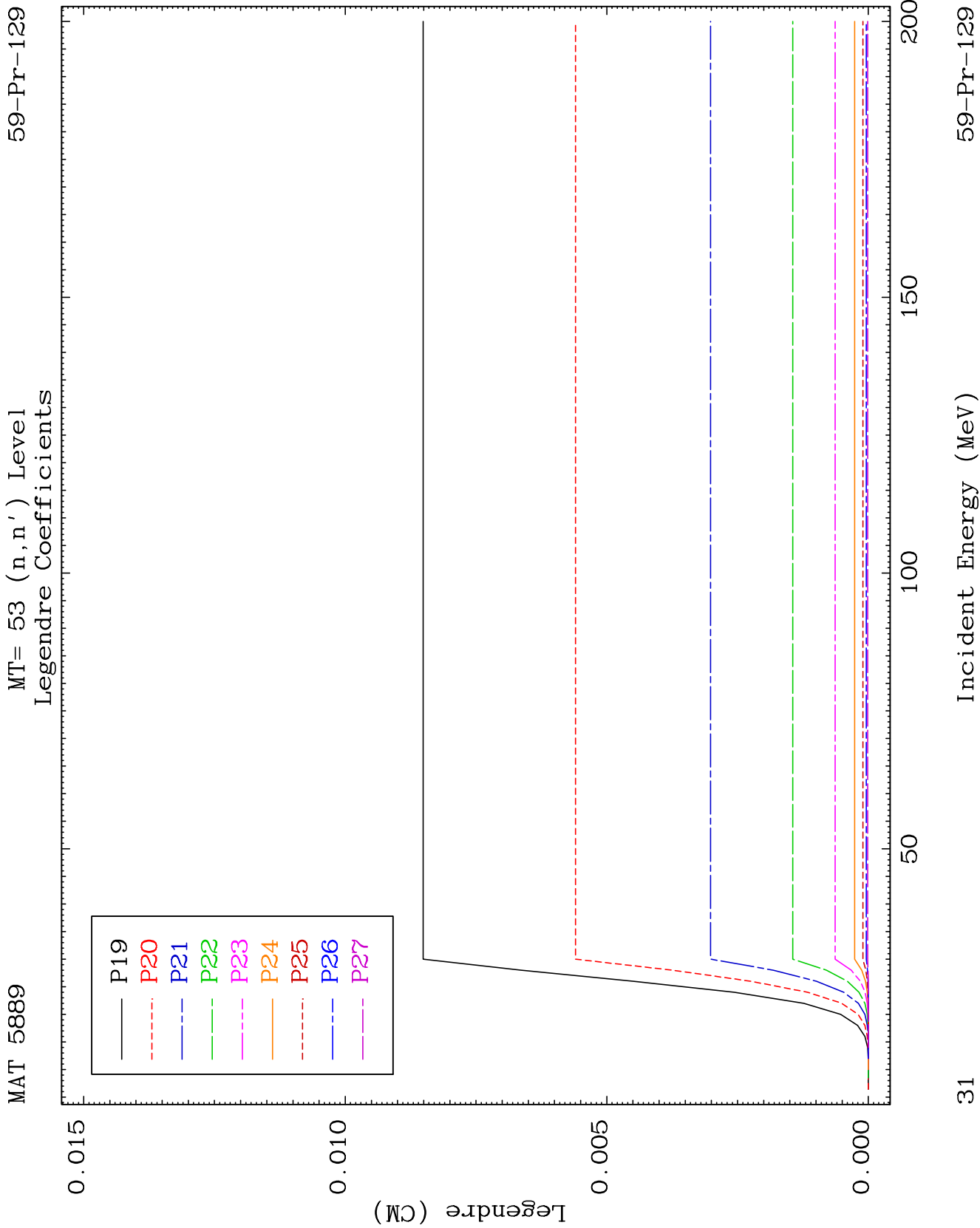


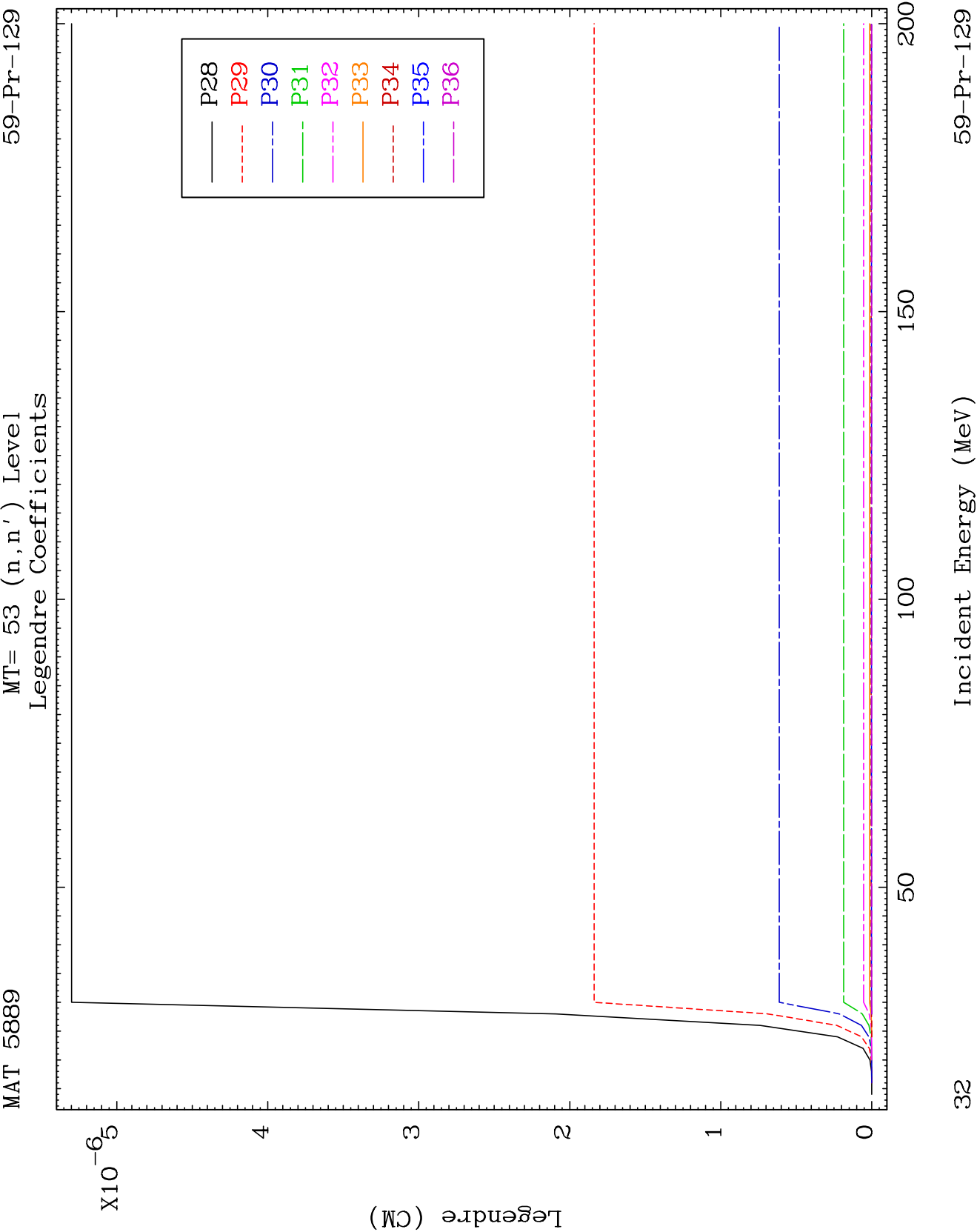
MAT 5889

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

59-Pr-129



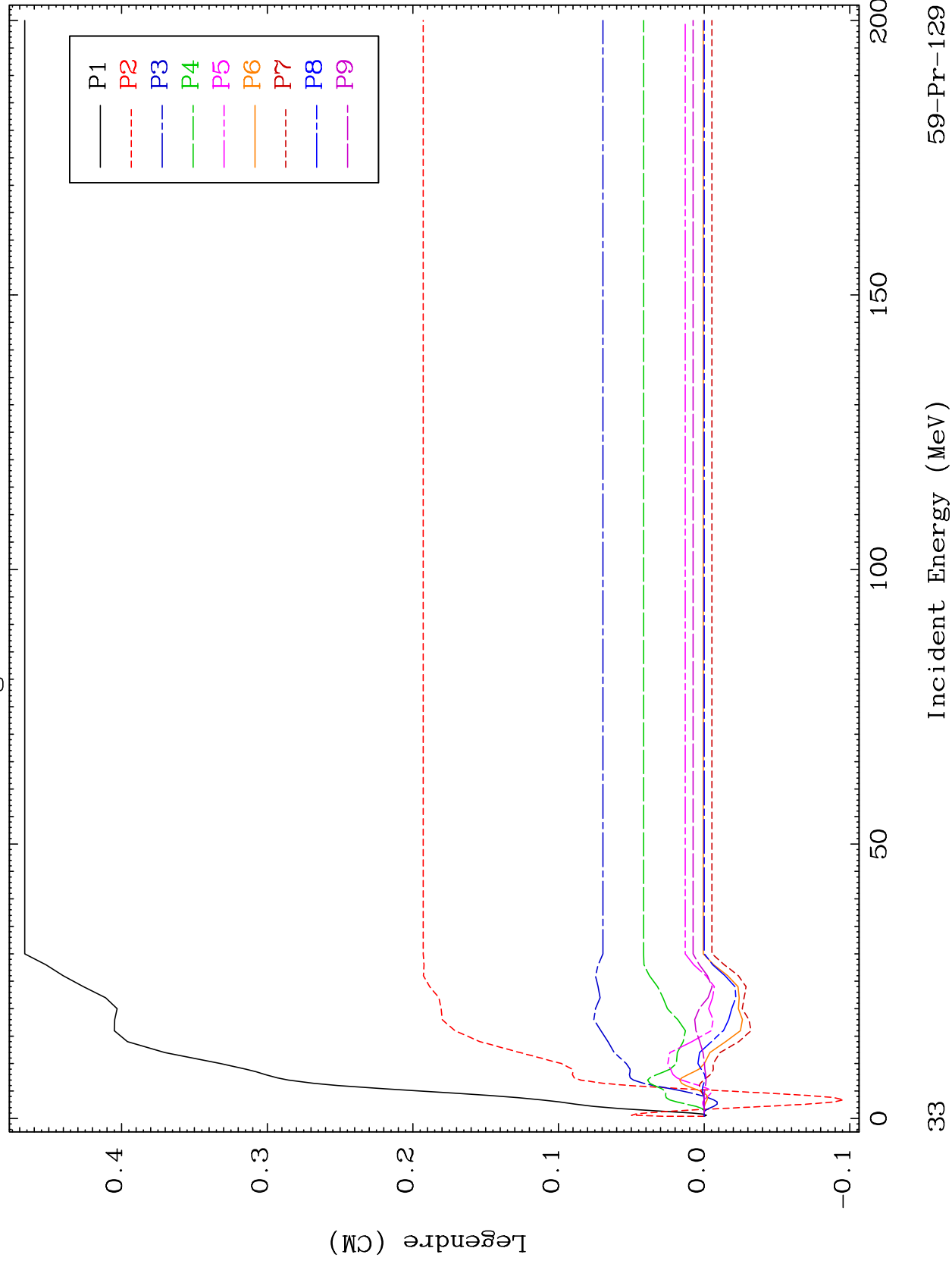


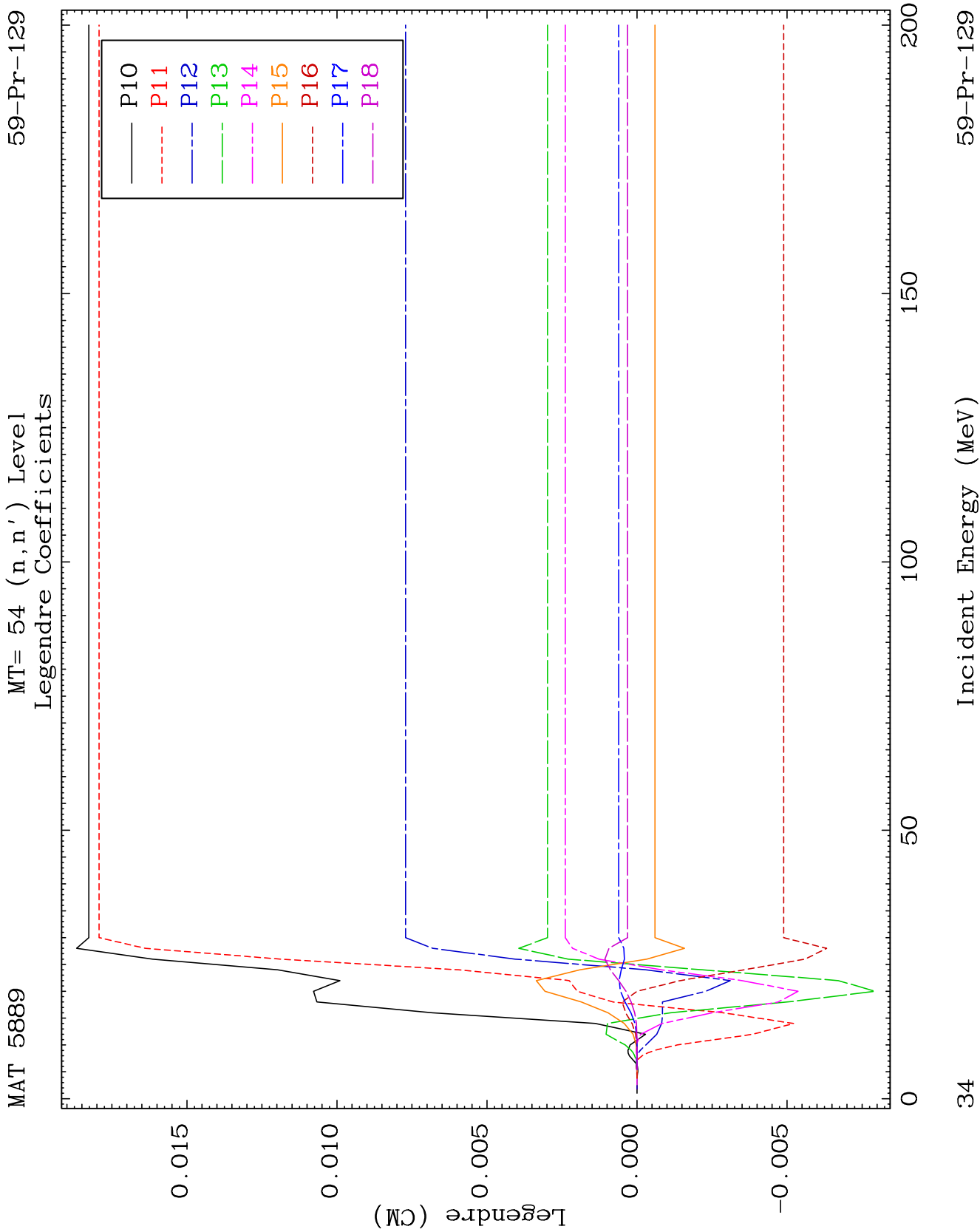


MAT 5889

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

59-Pr-129

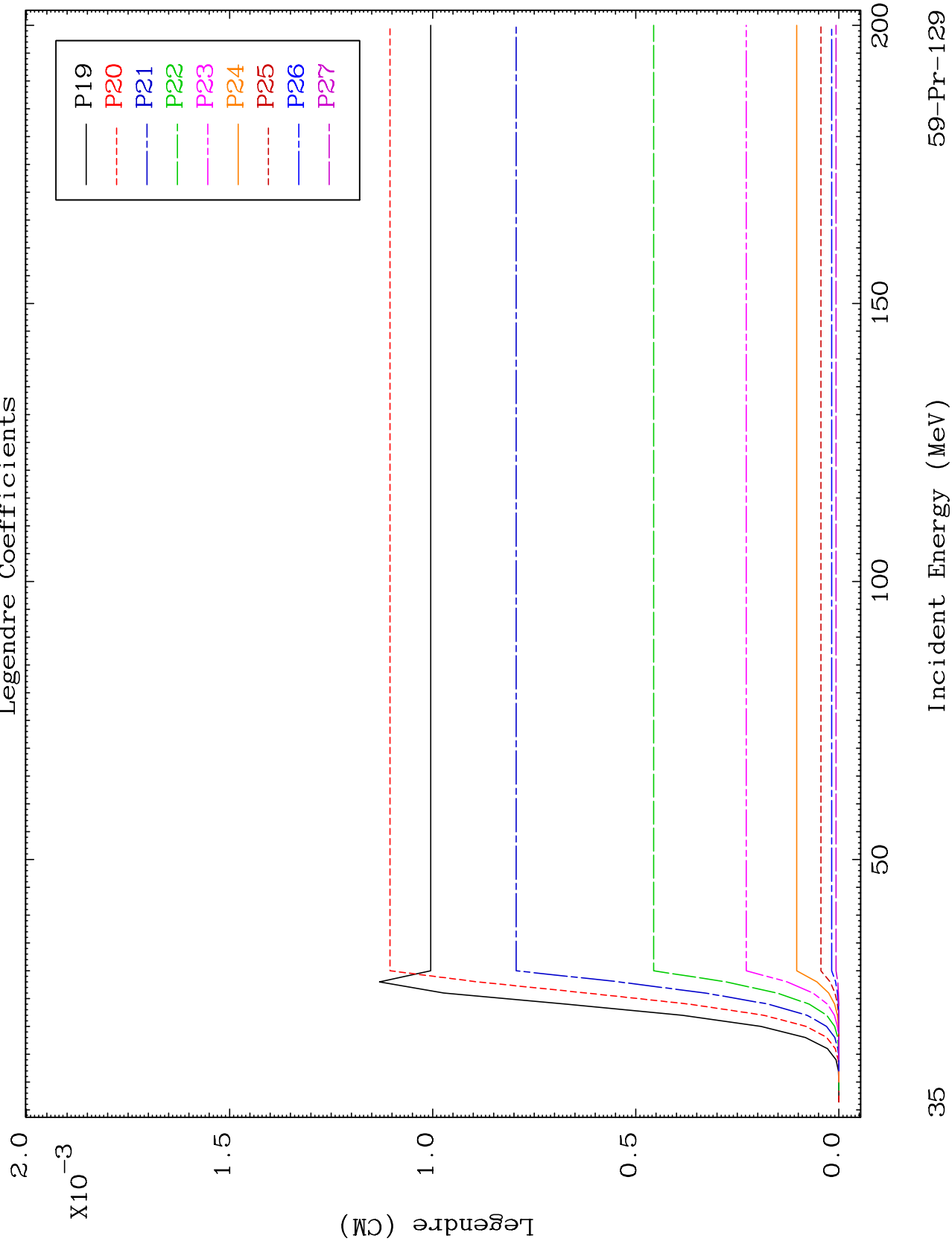




MAT 5889

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

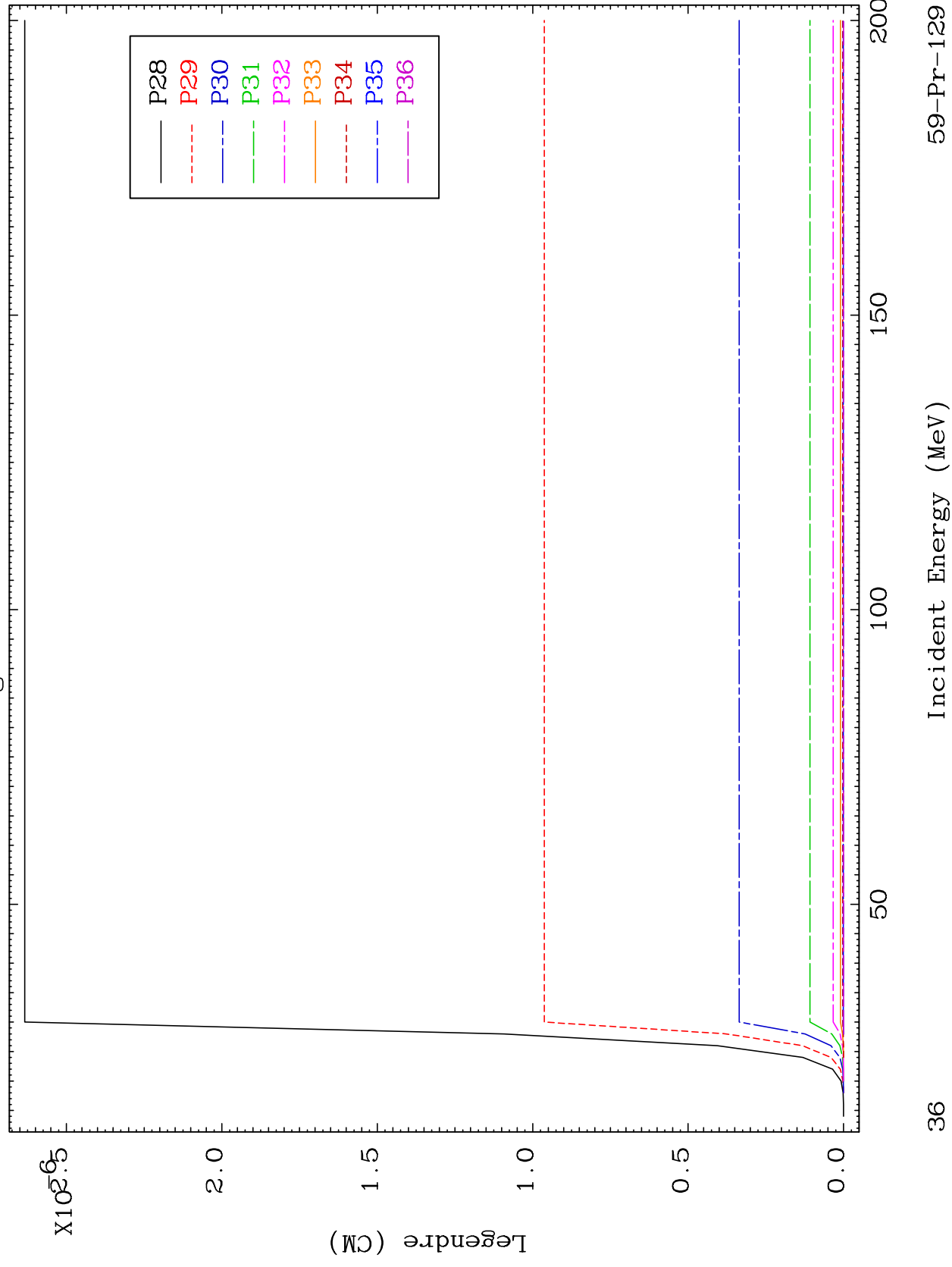
59-Pr-129



MAT 5889

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

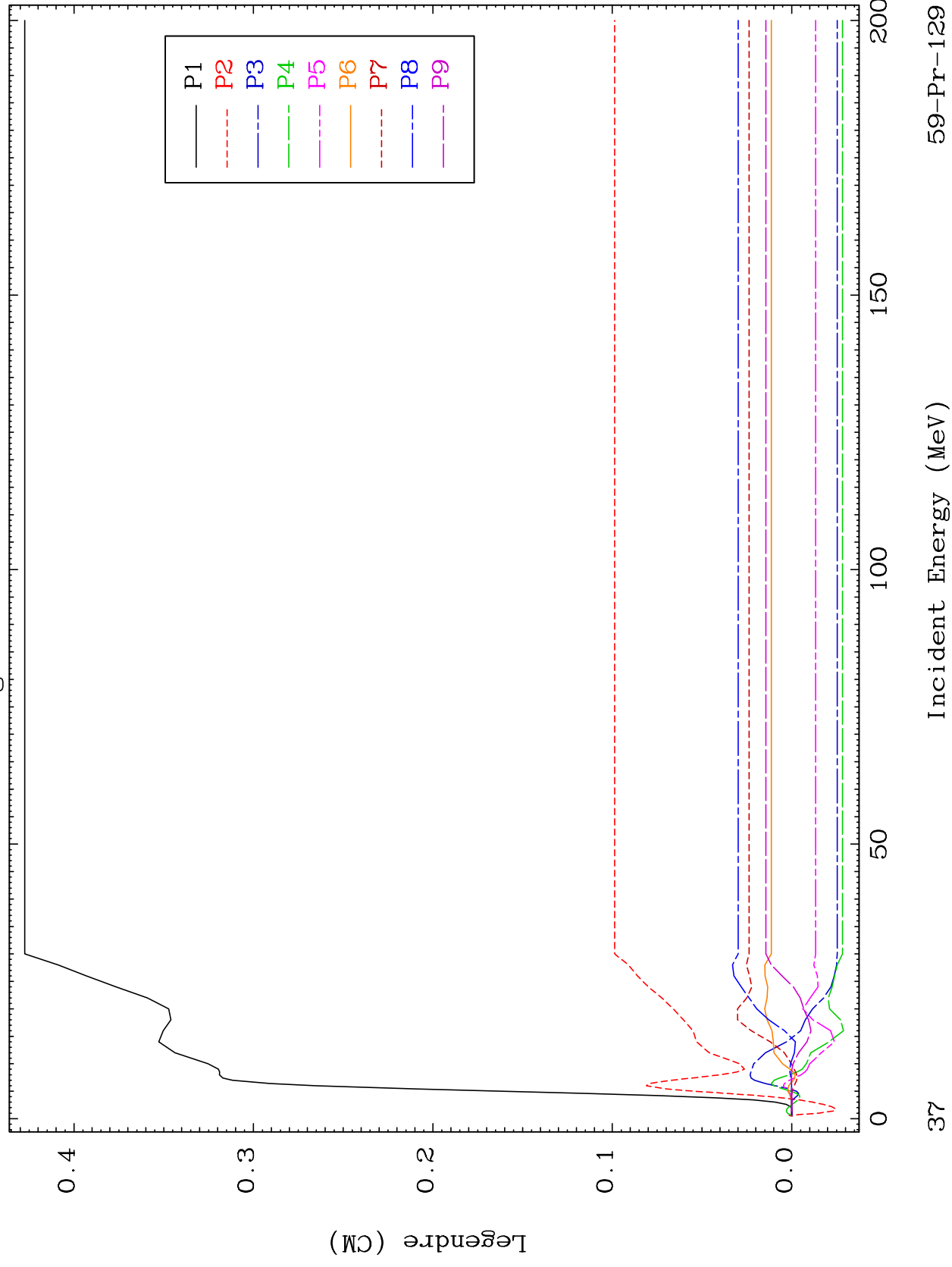
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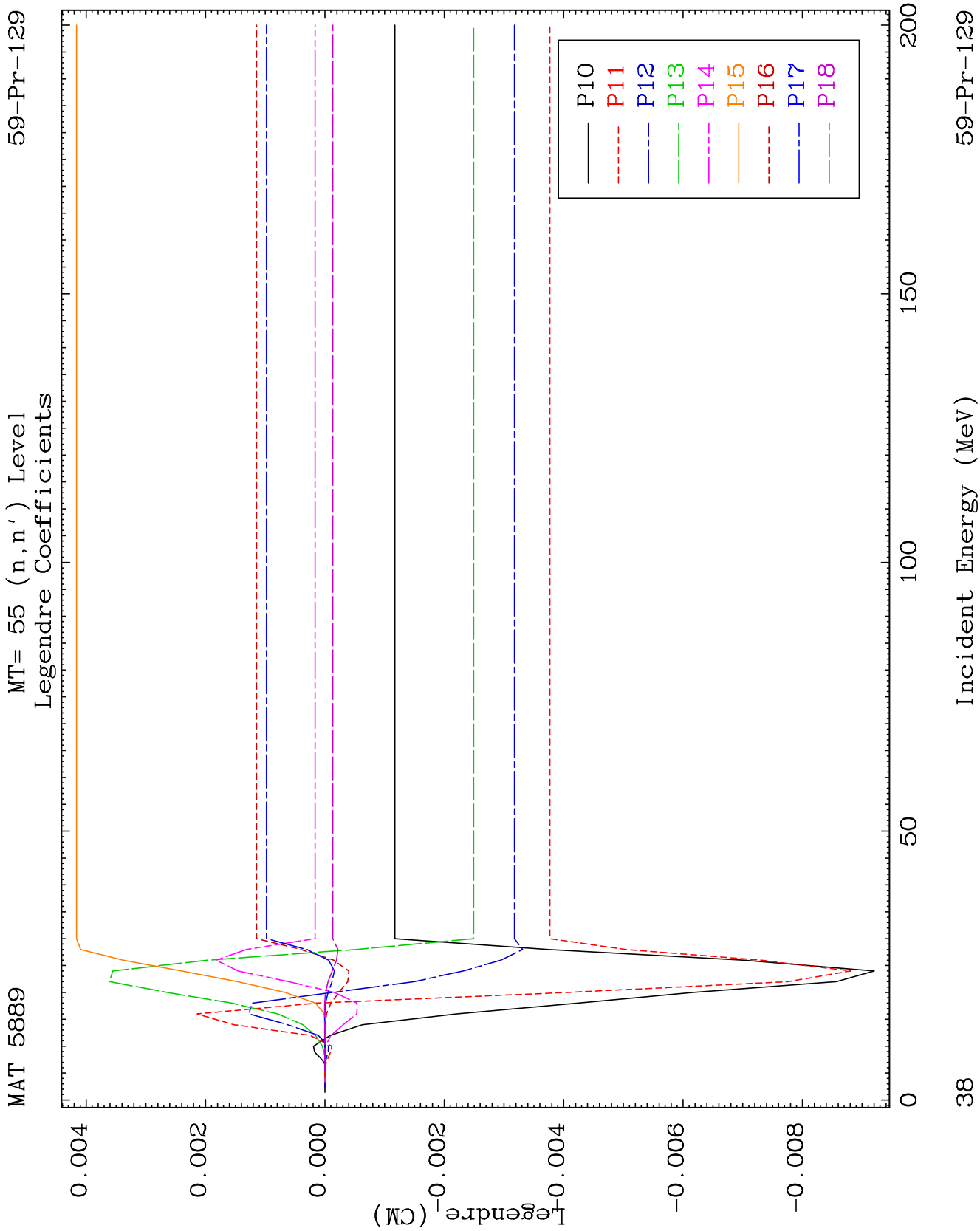


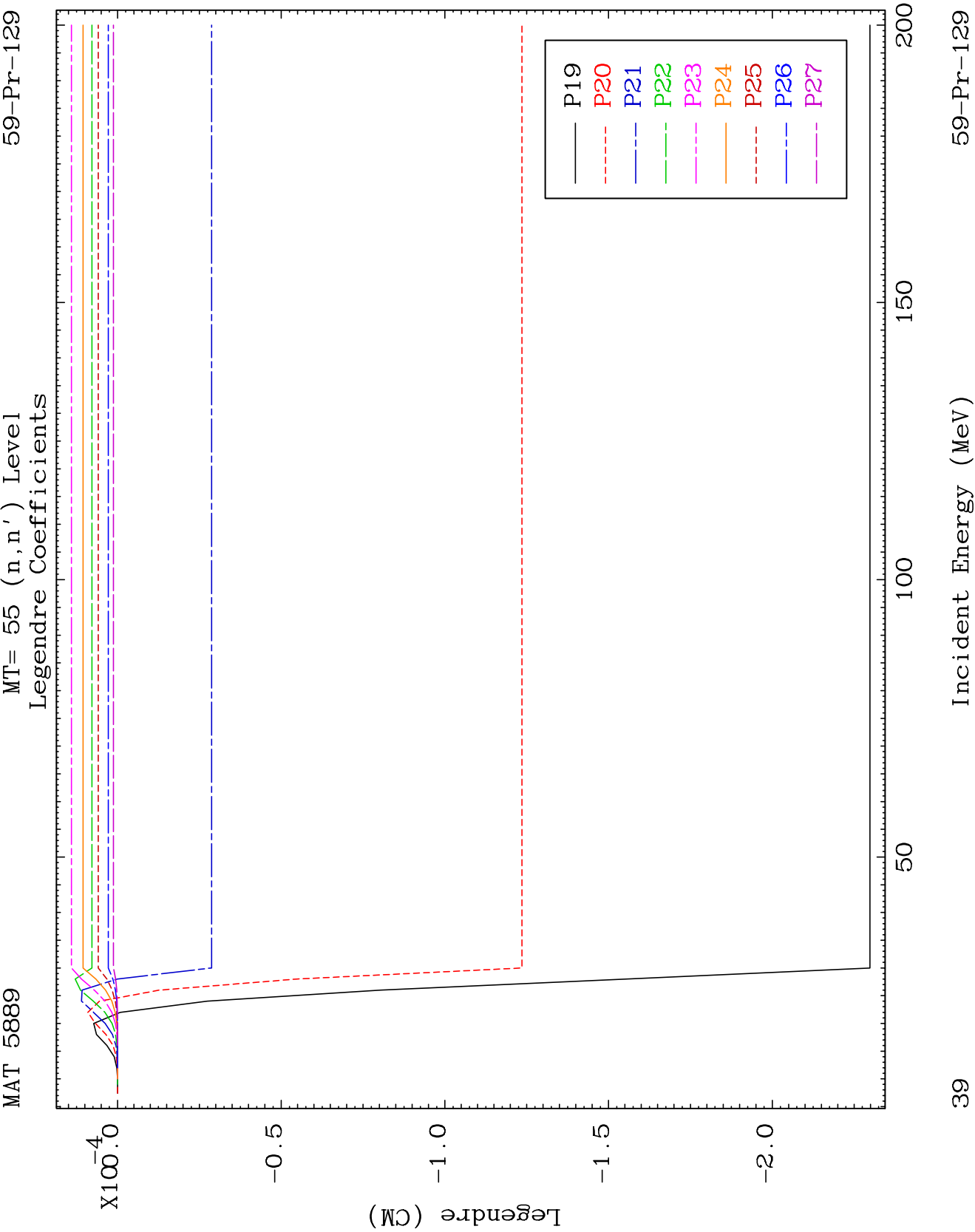
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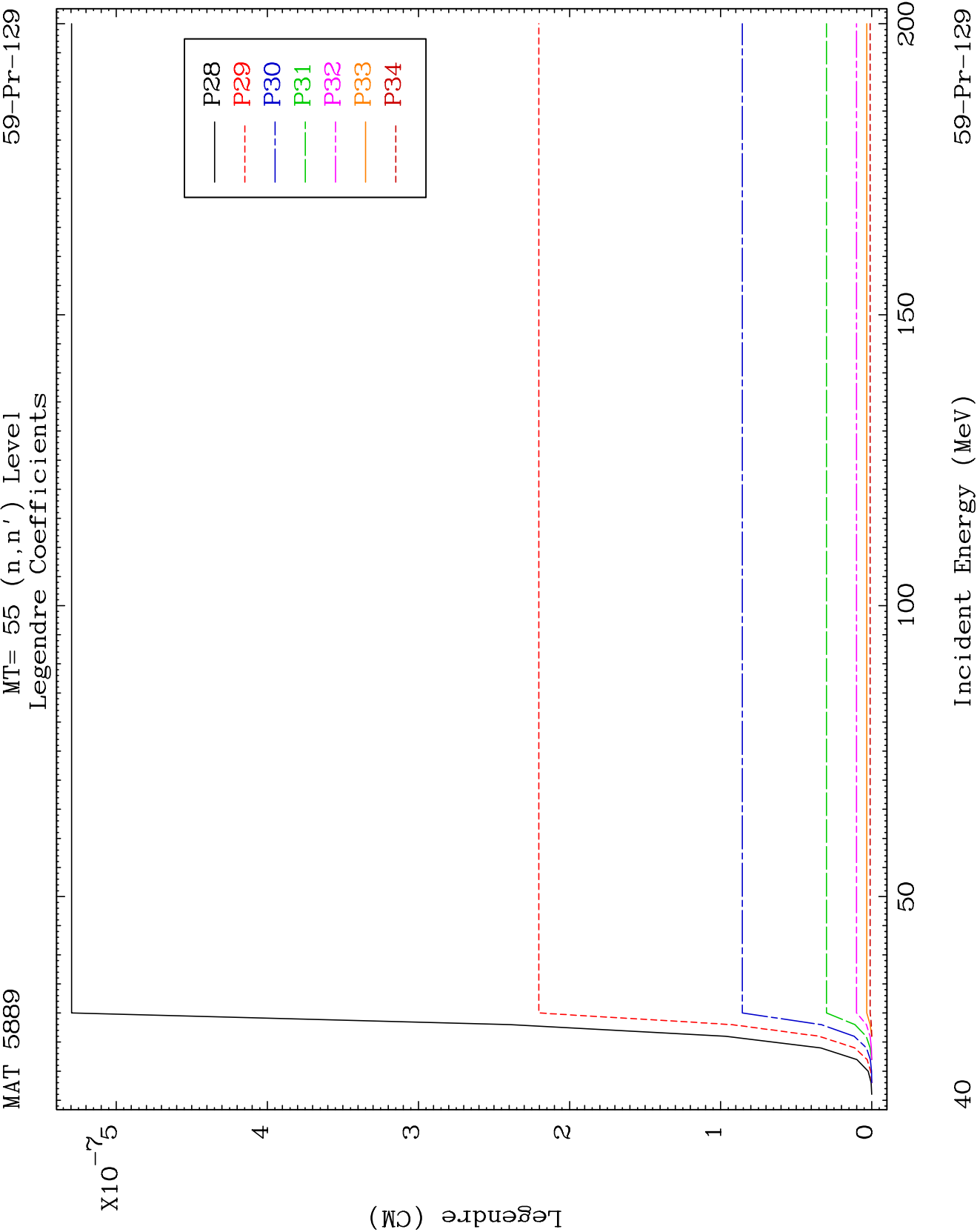
MT= 55 (n, n') Level
Legendre Coefficients

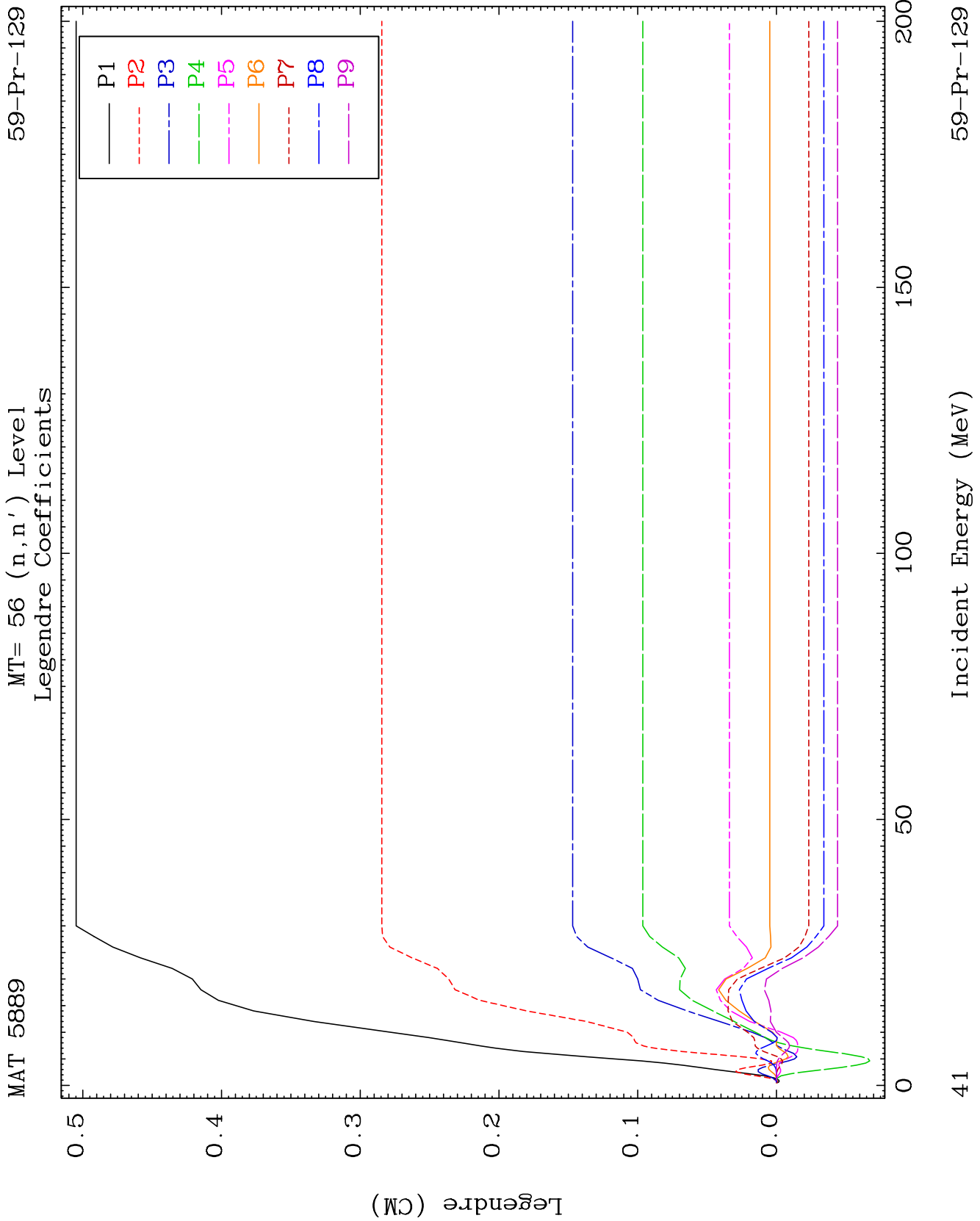
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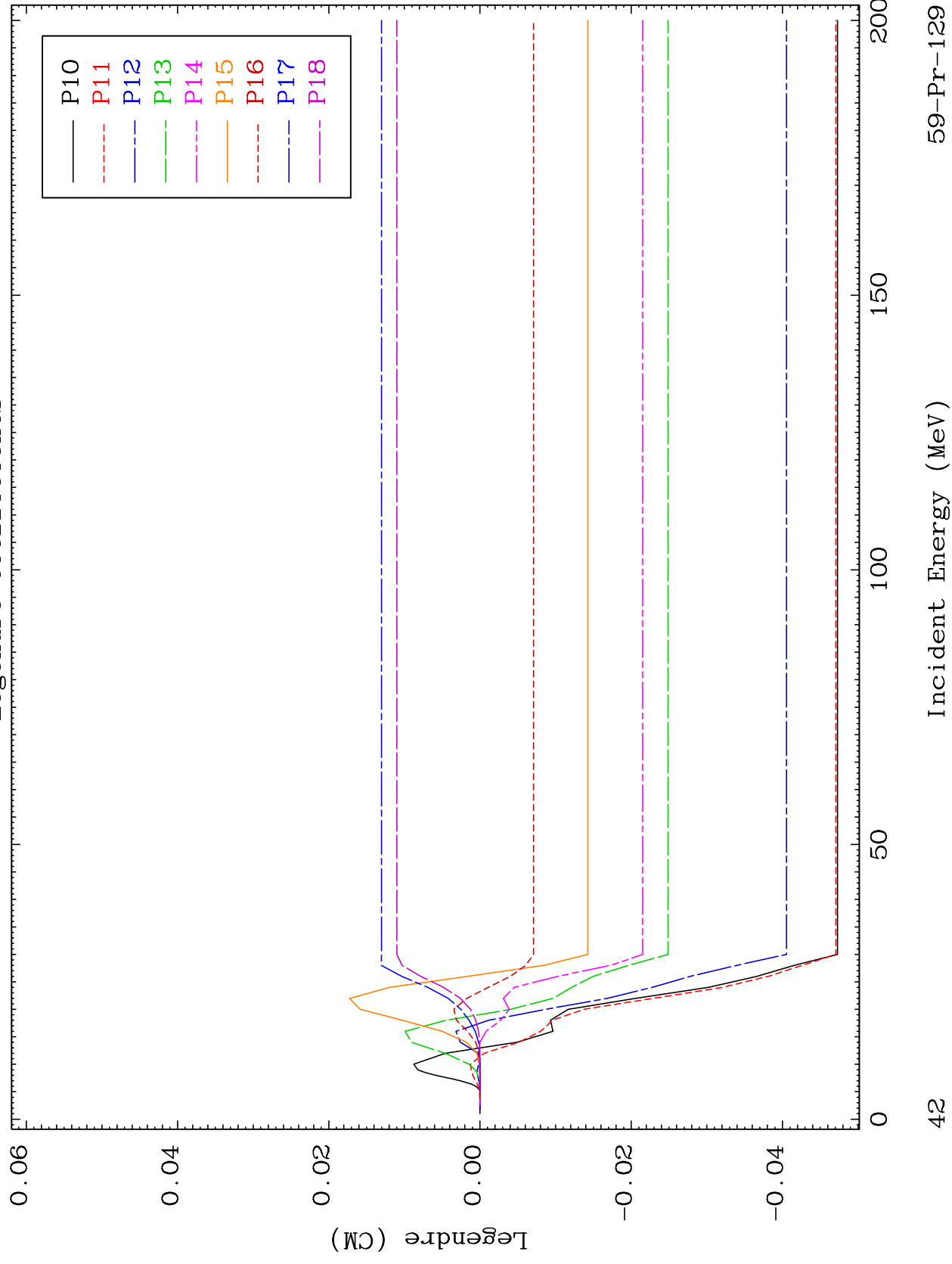


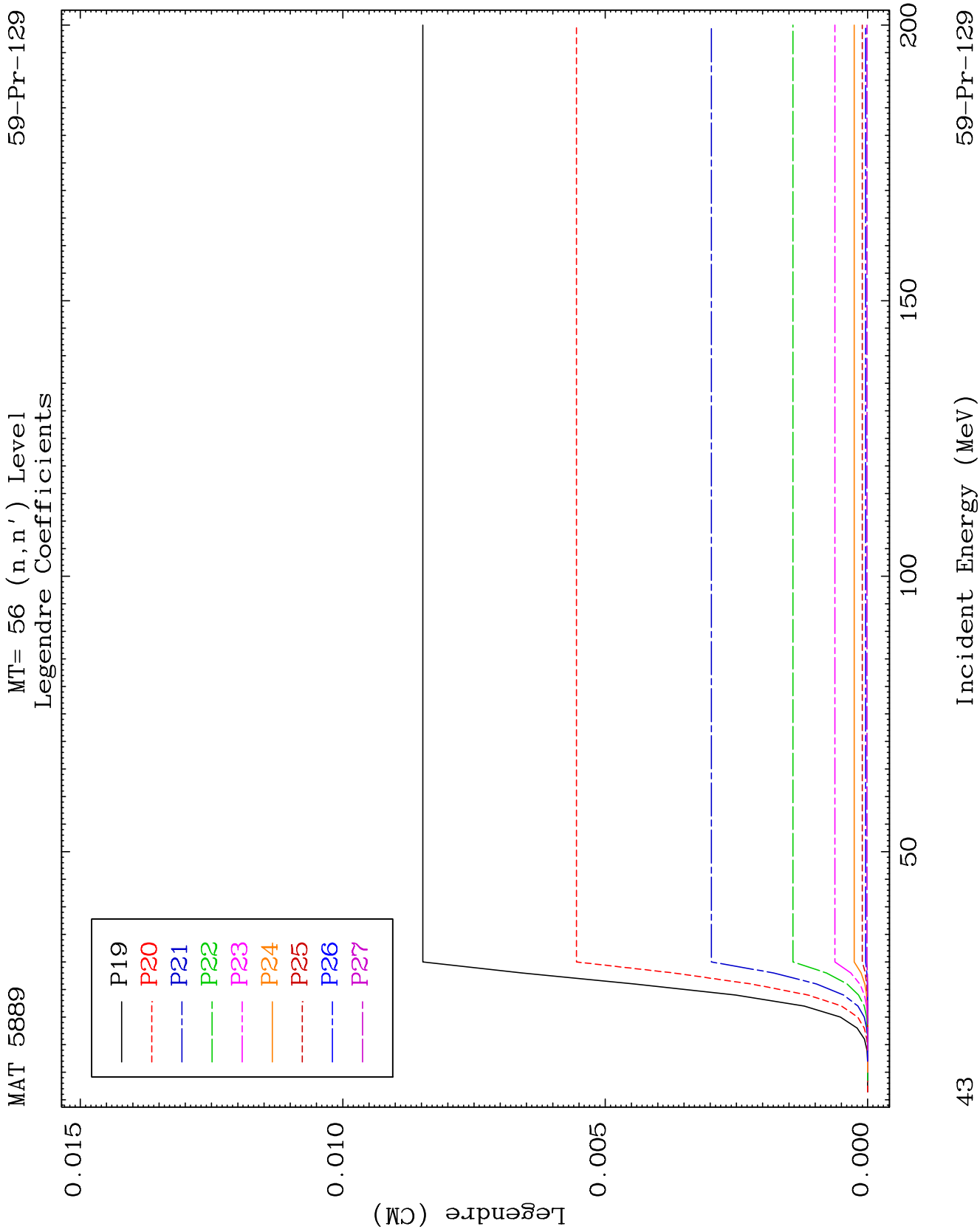


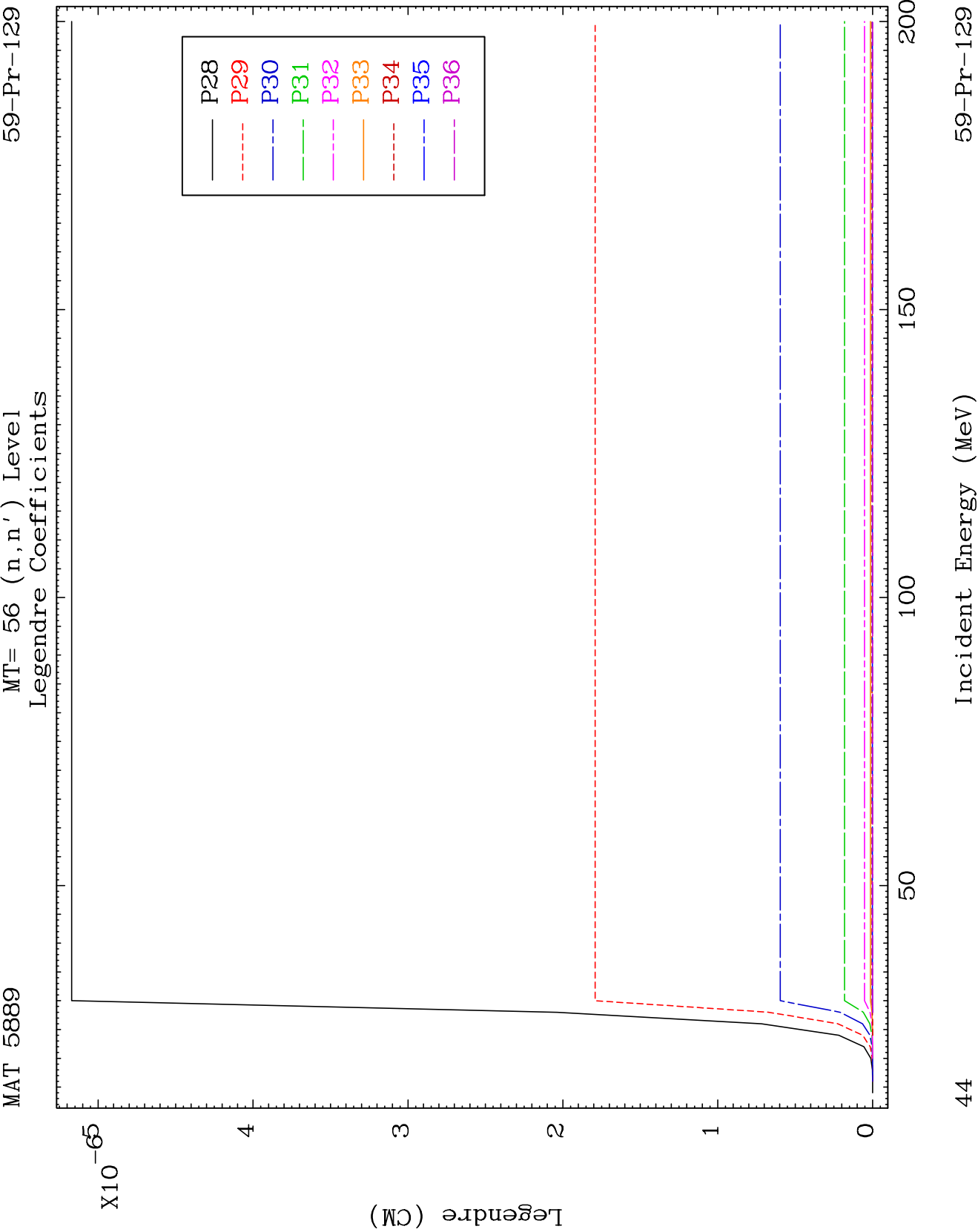
MAT 5889

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

59-Pr-129



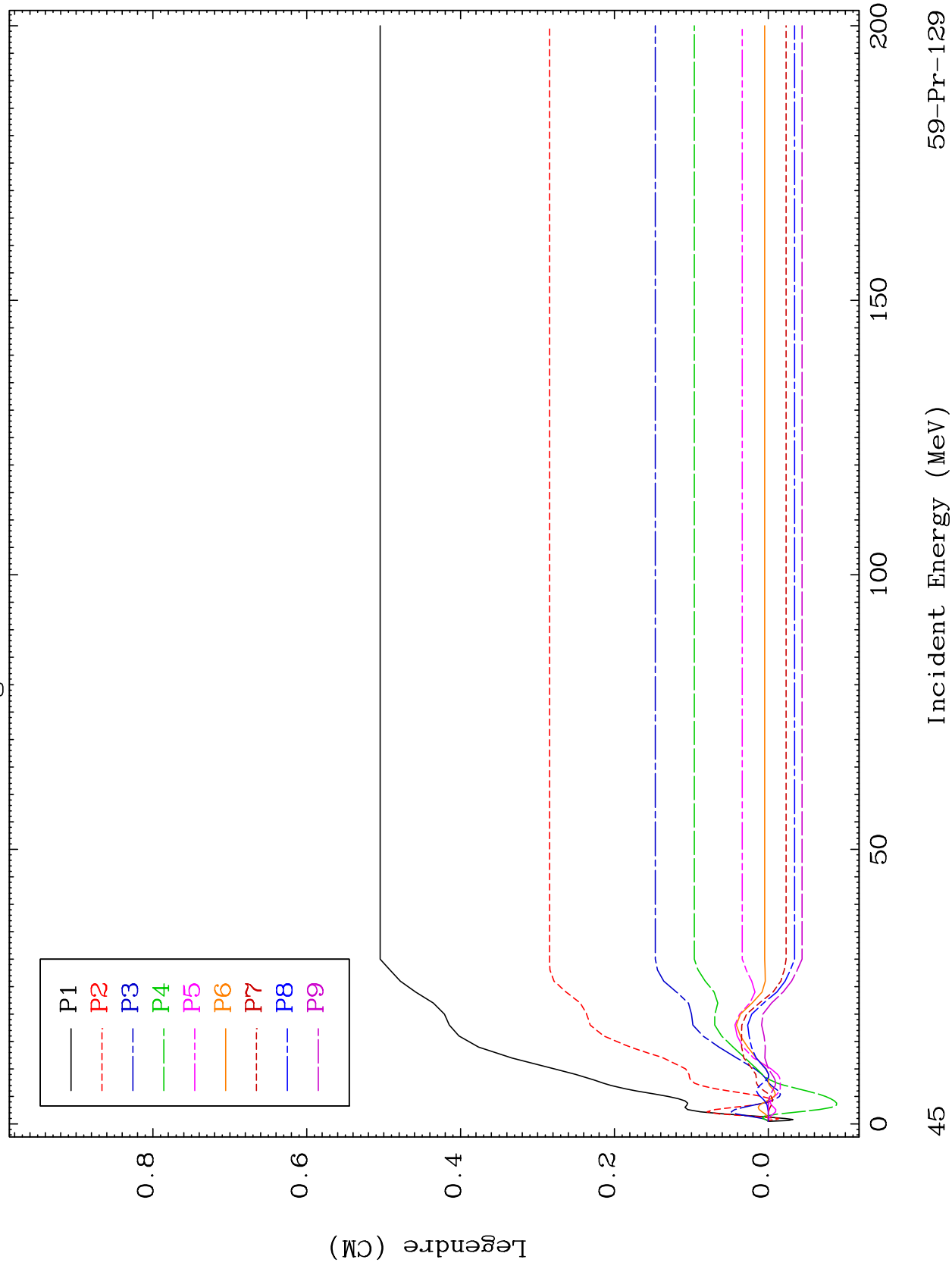


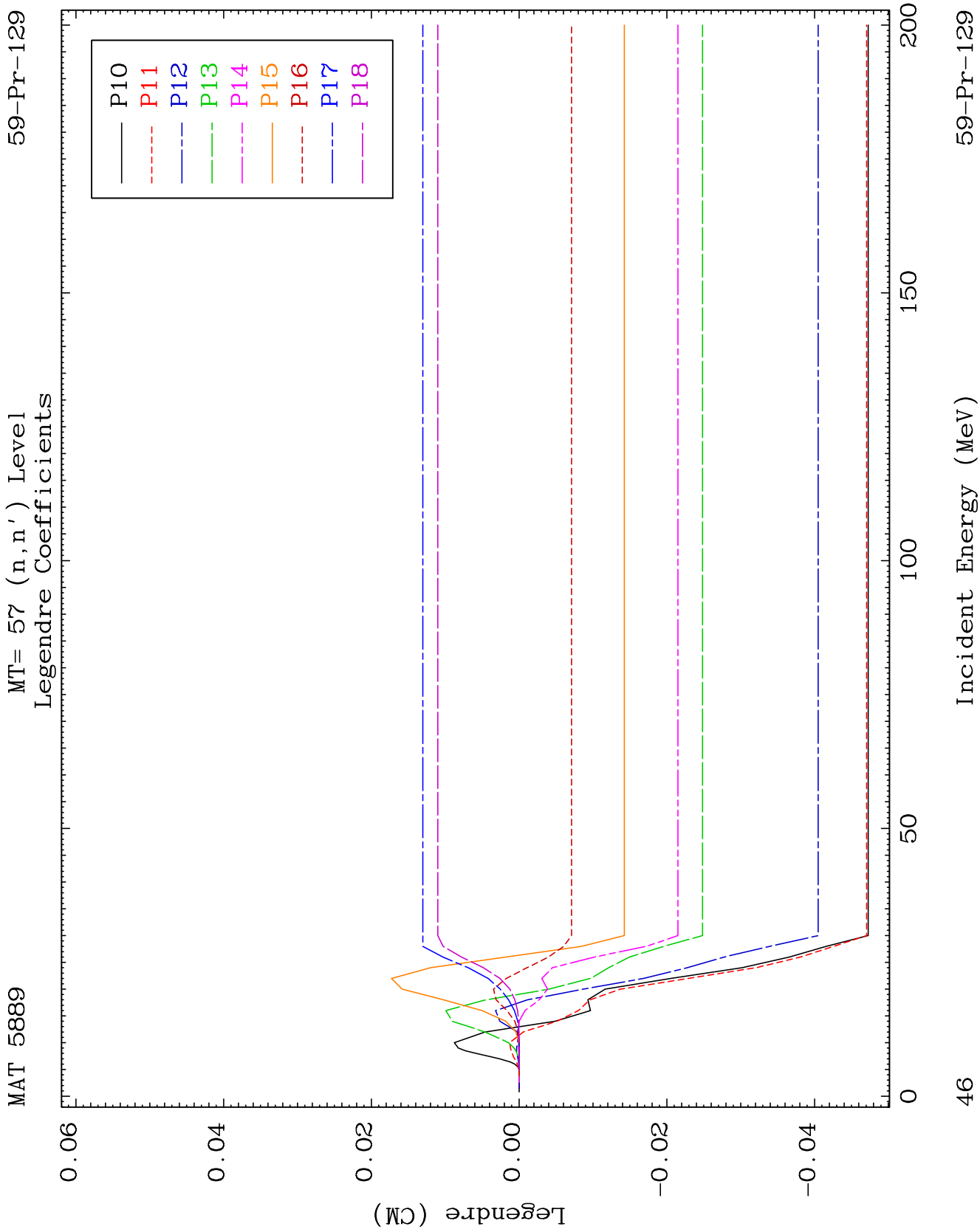


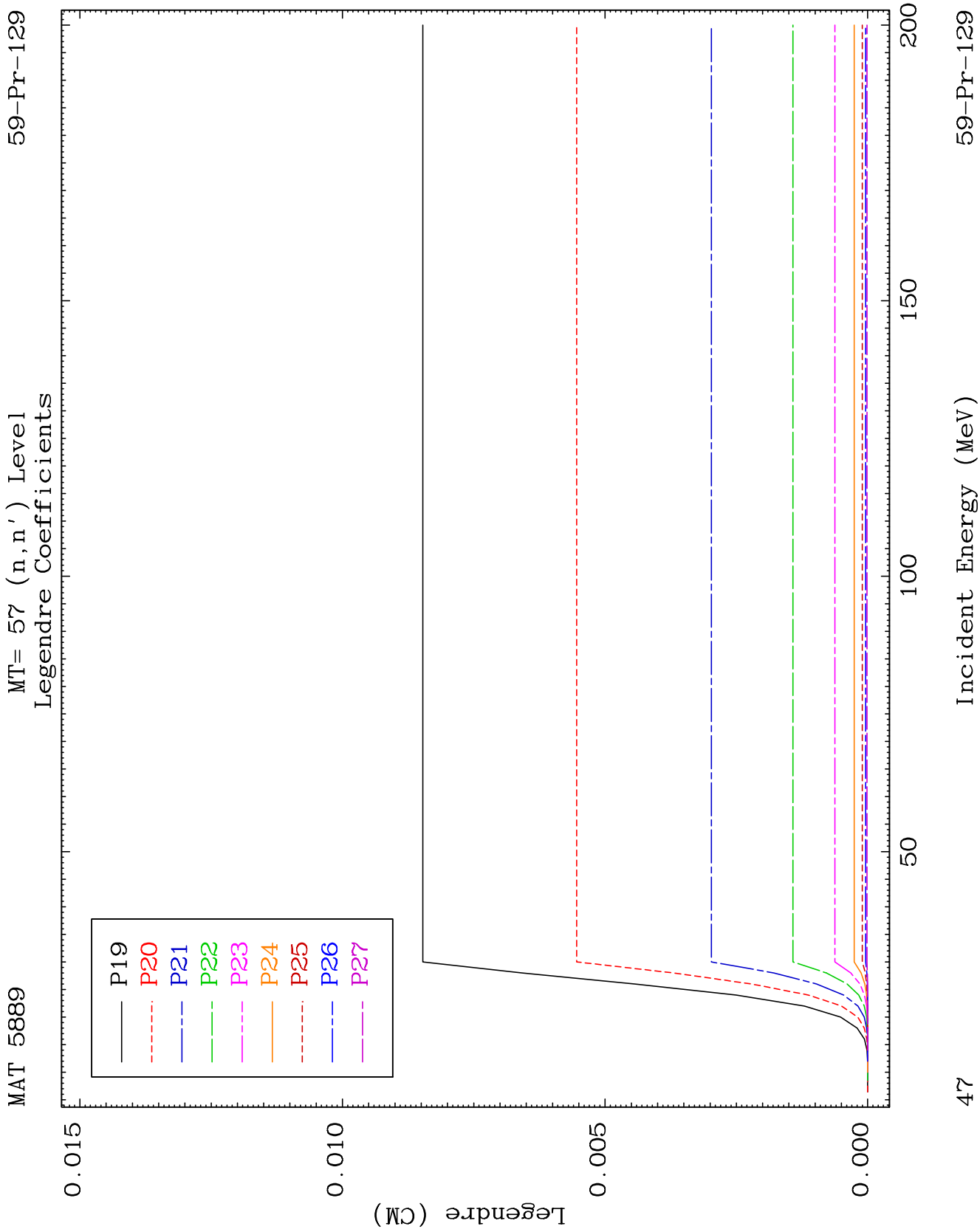
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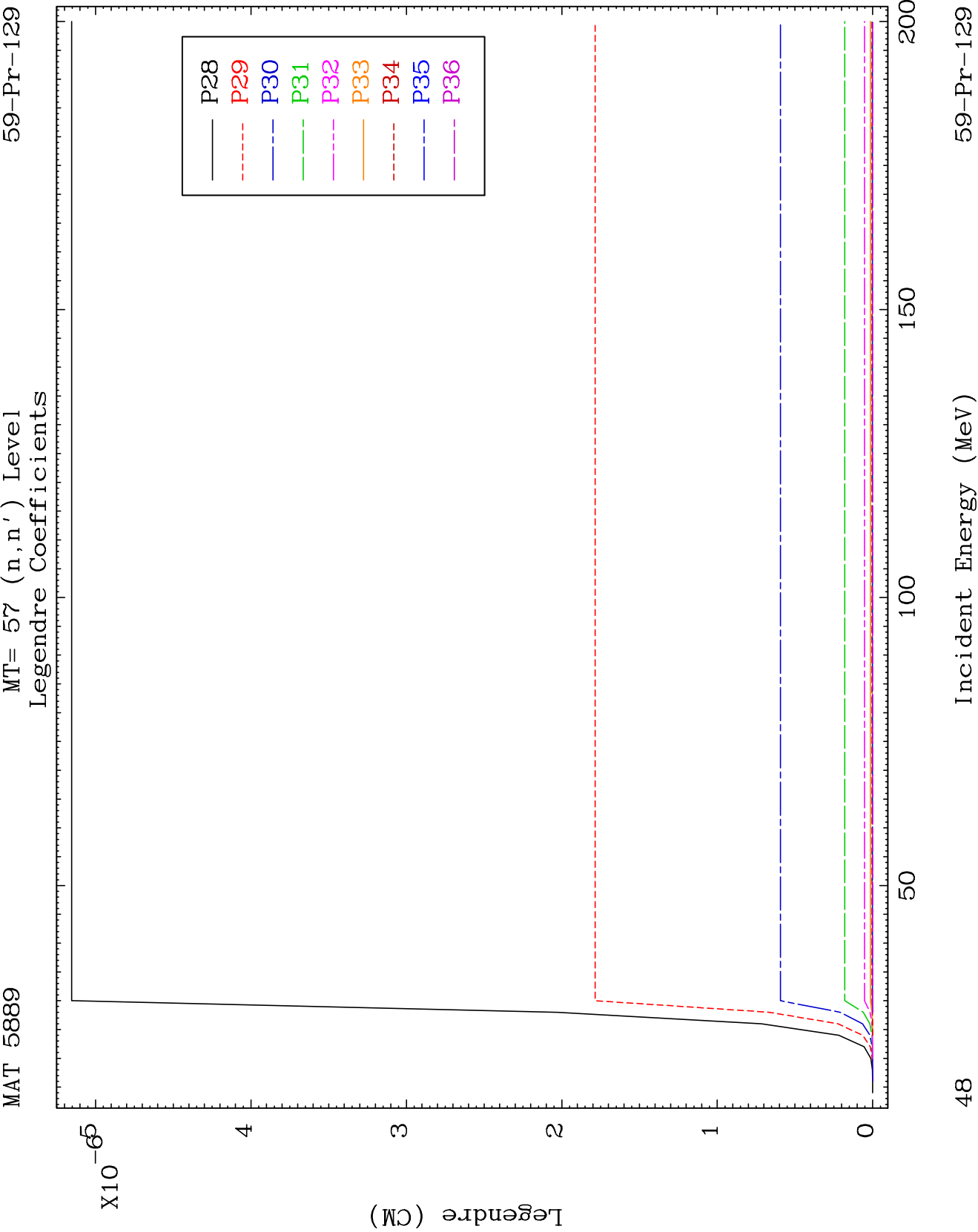
MT= 57 (n, n') Level
Legendre Coefficients

59-Pr-129





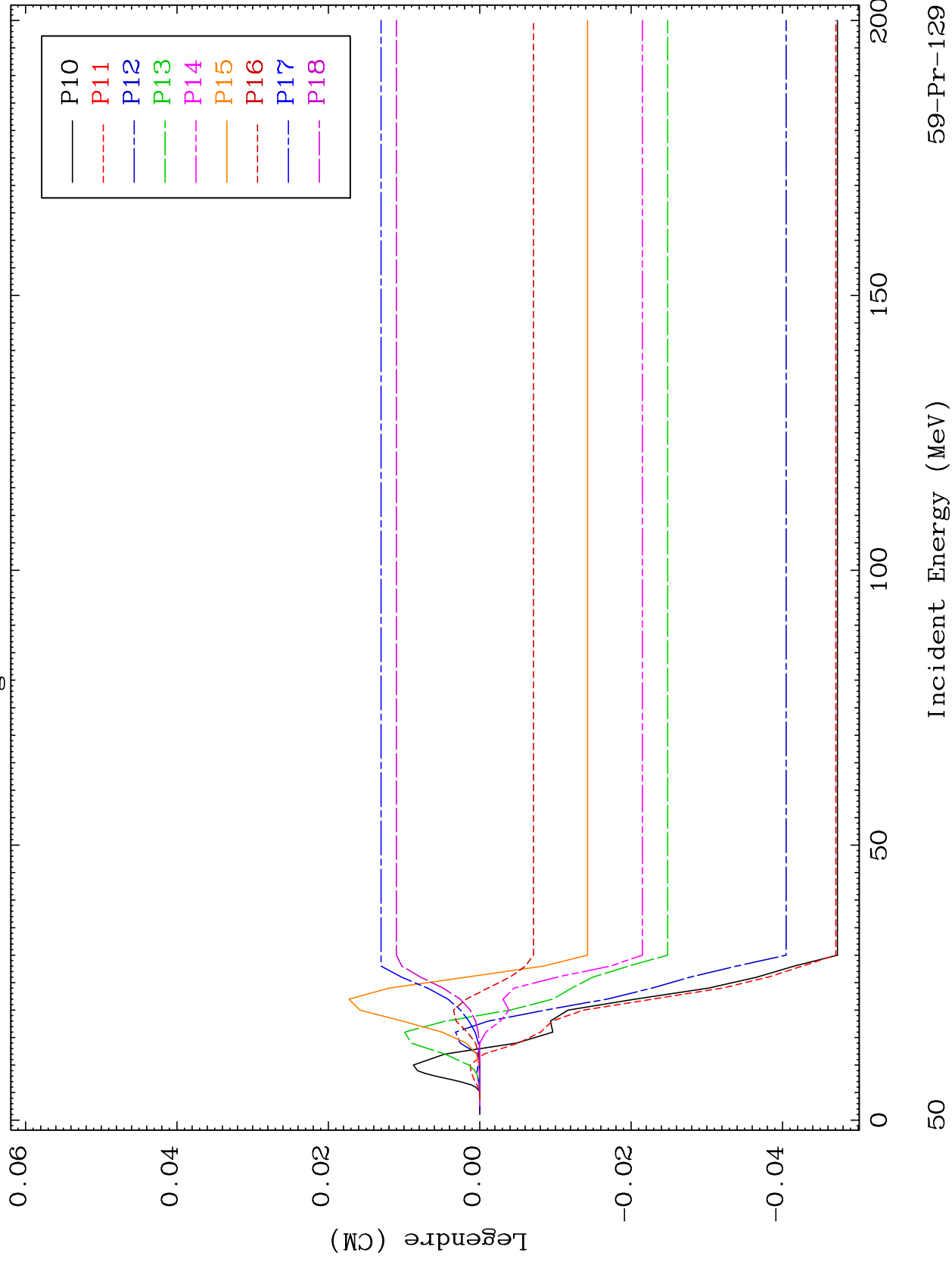


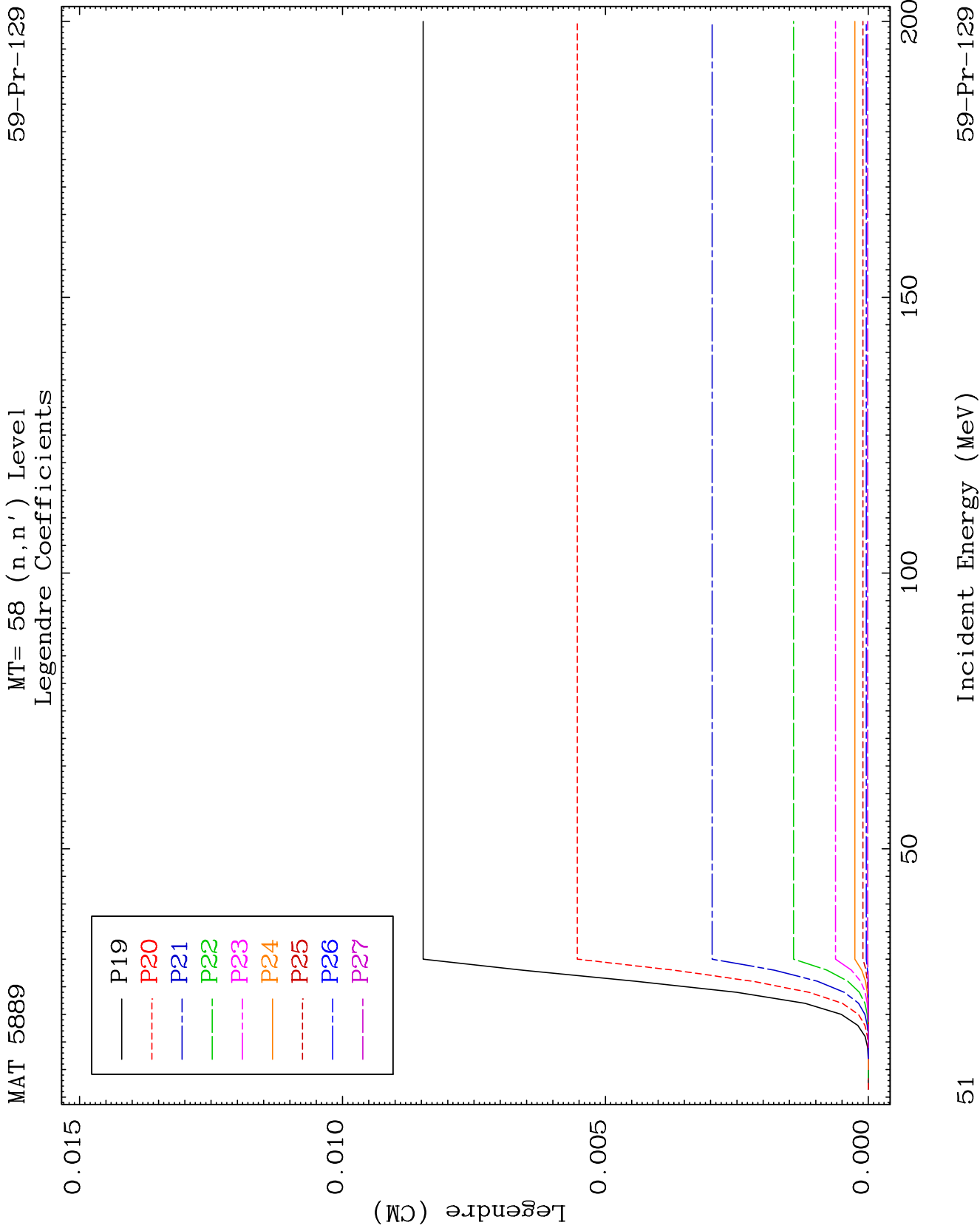


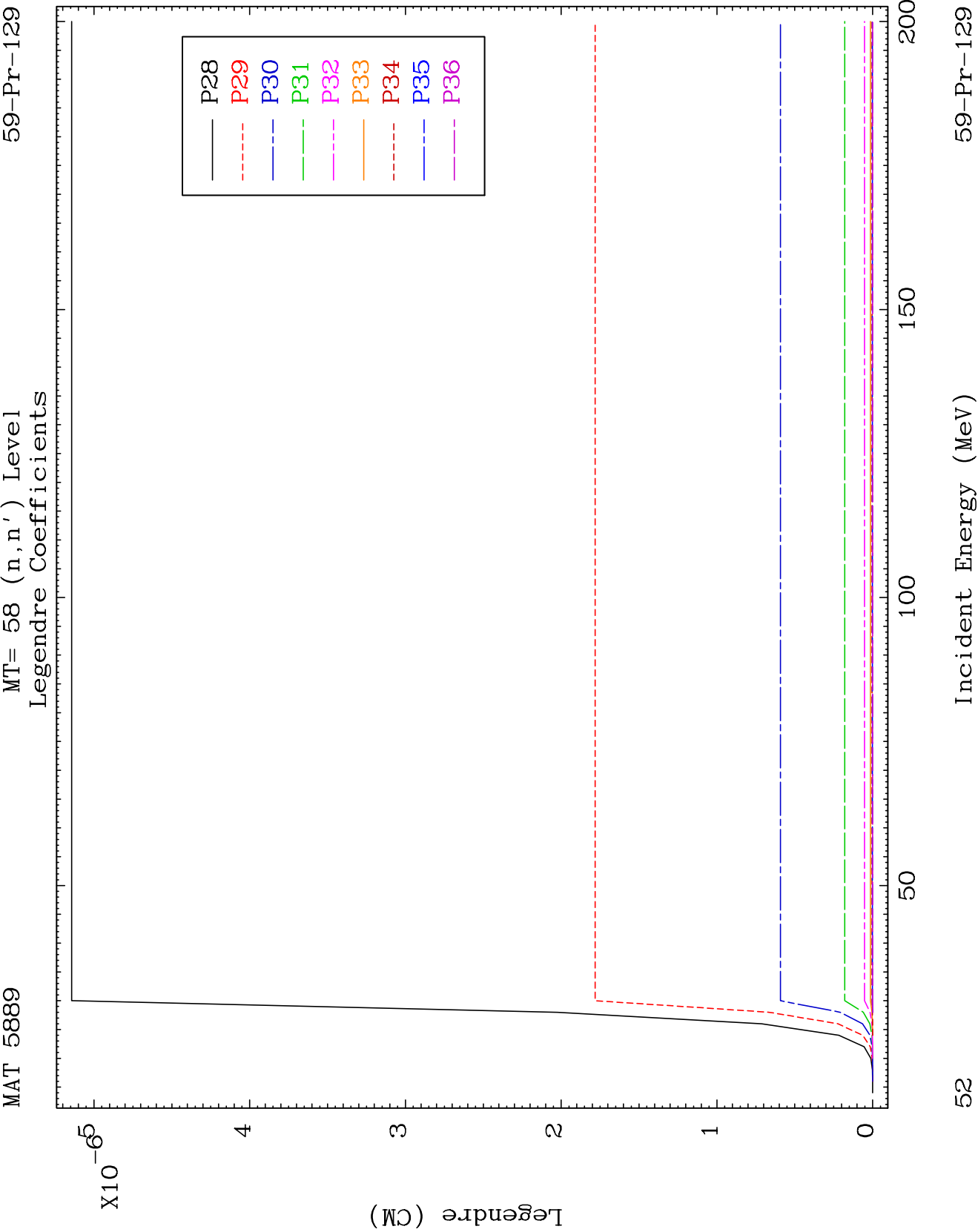
MAT 5889

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

59-Pr-129



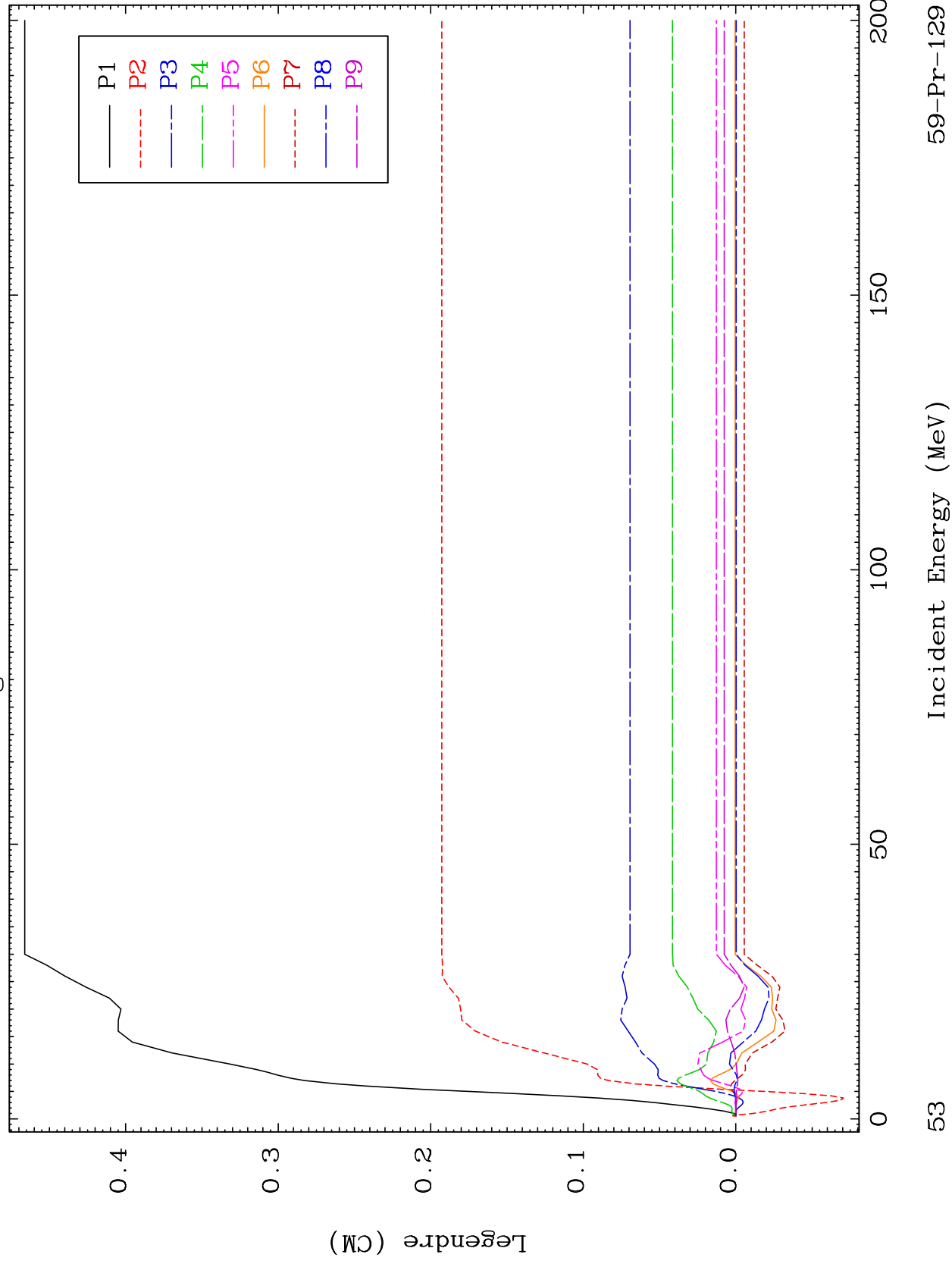


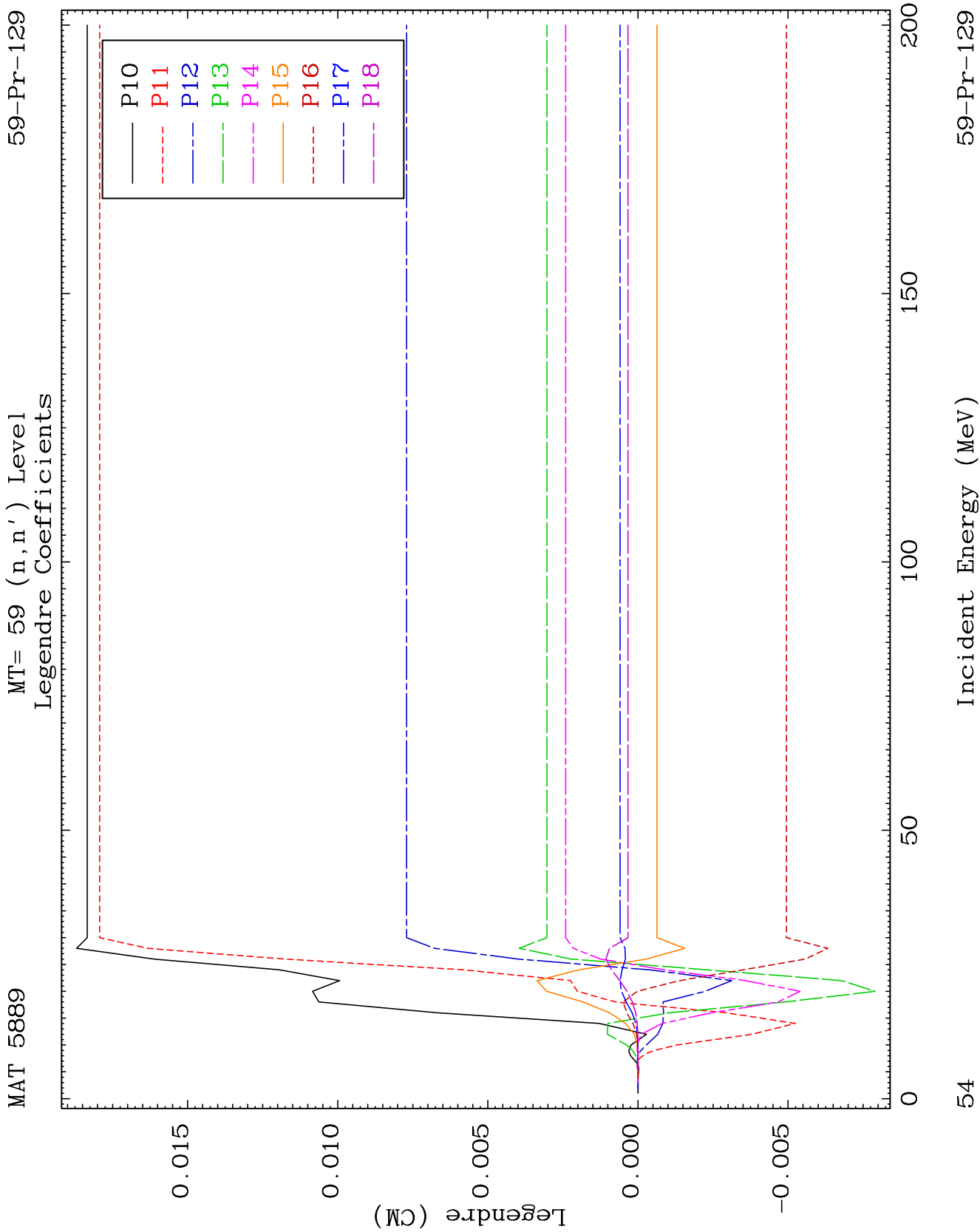


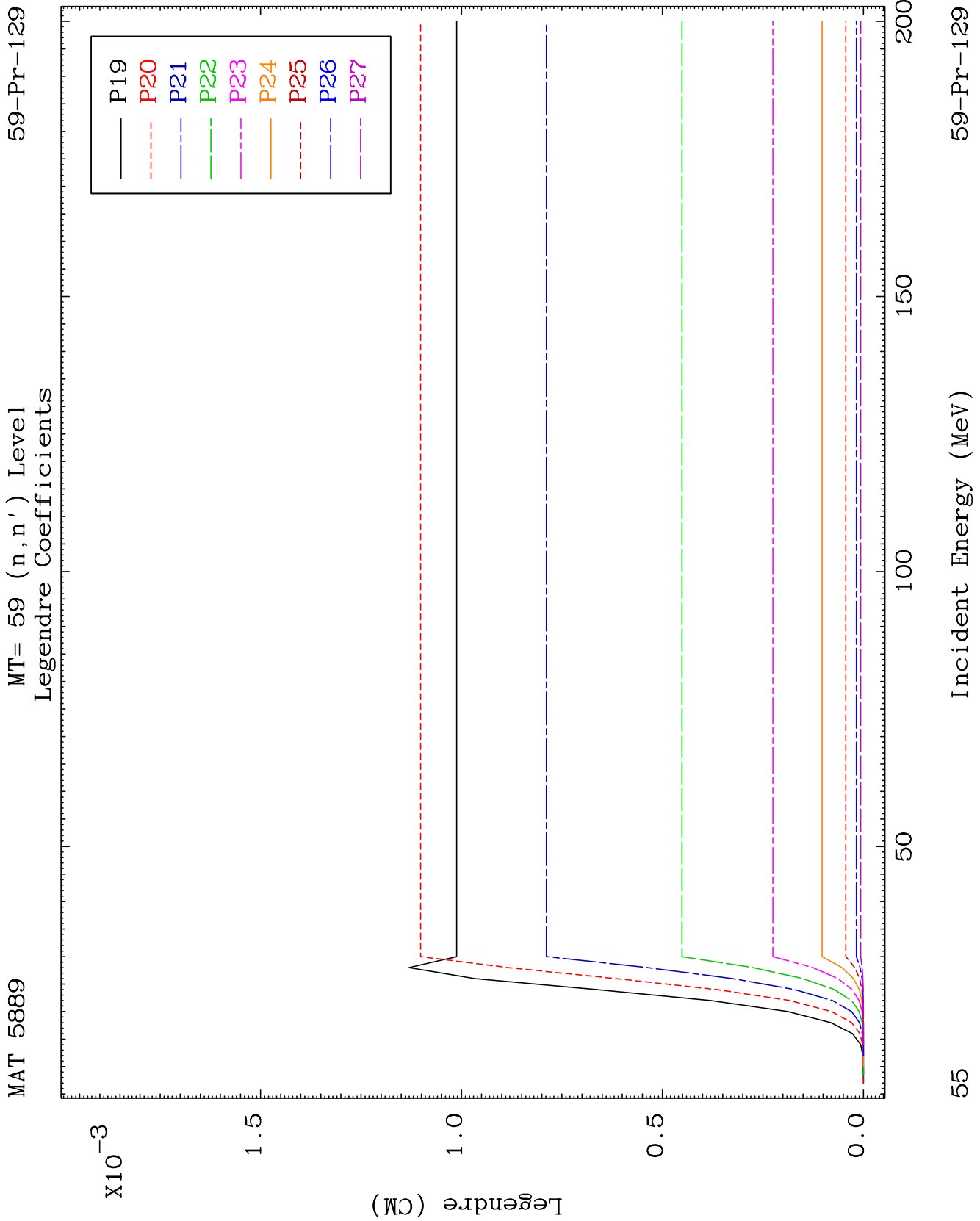
MAT 5889

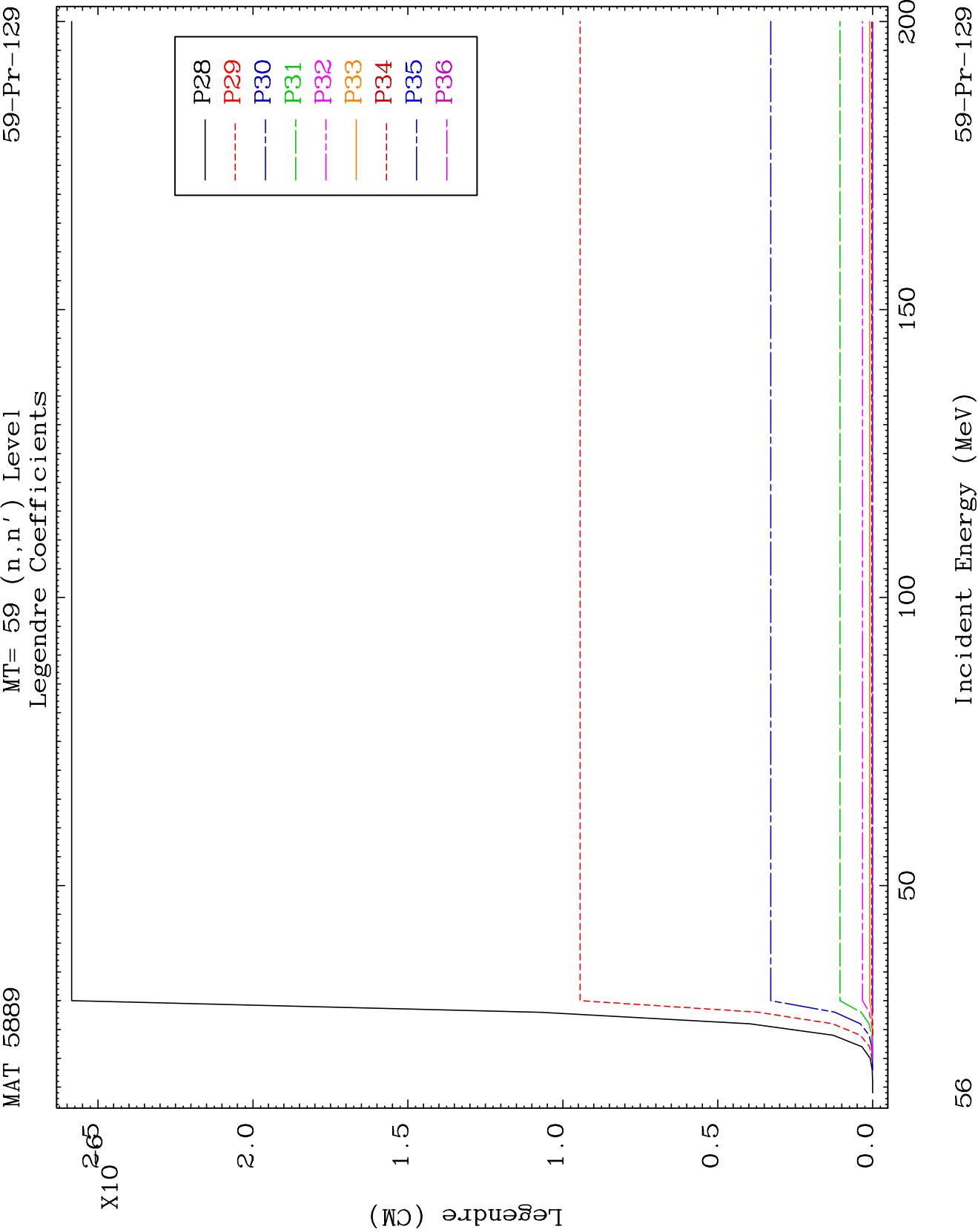
MT= 59 (n, n') Level
Legendre Coefficients

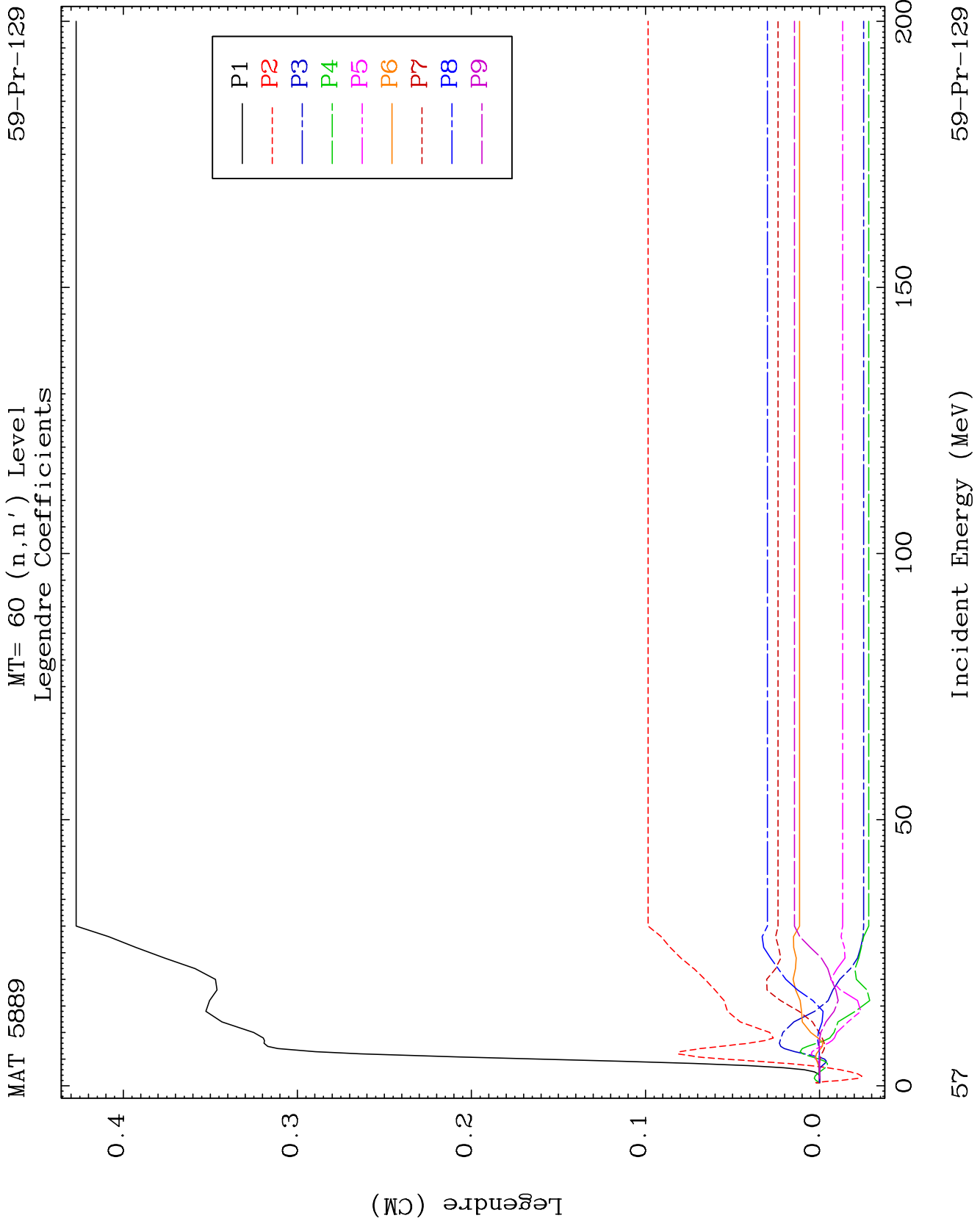
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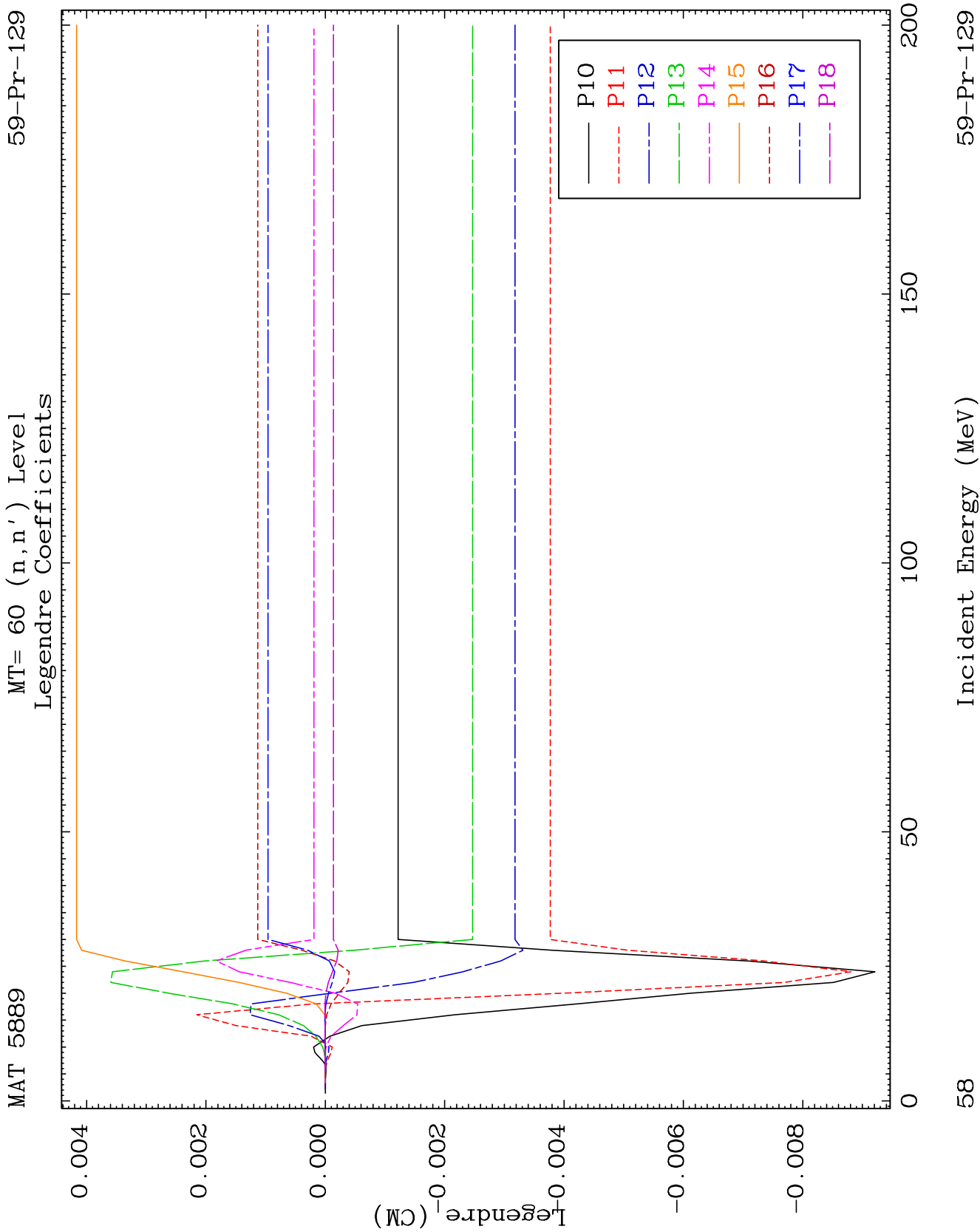


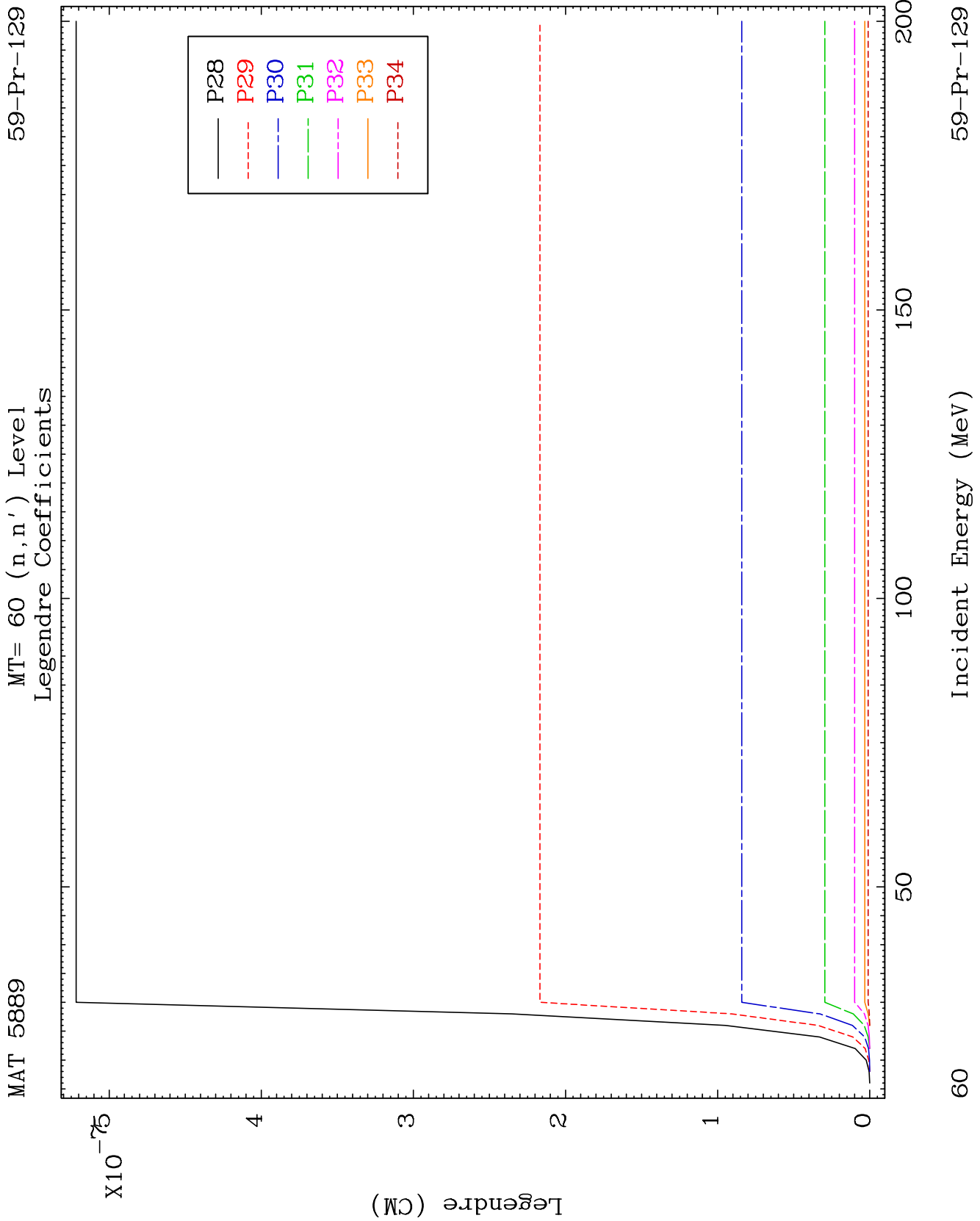


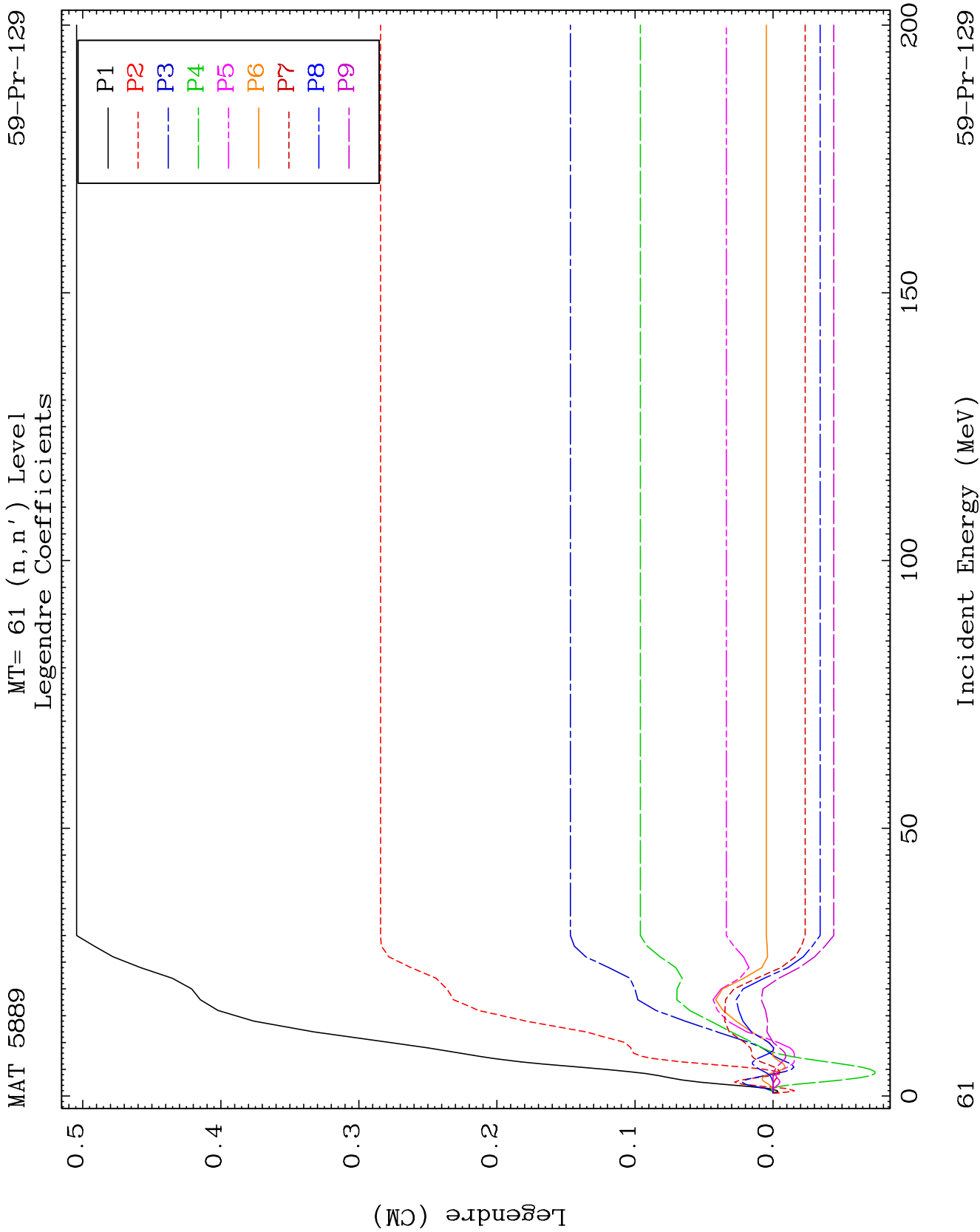








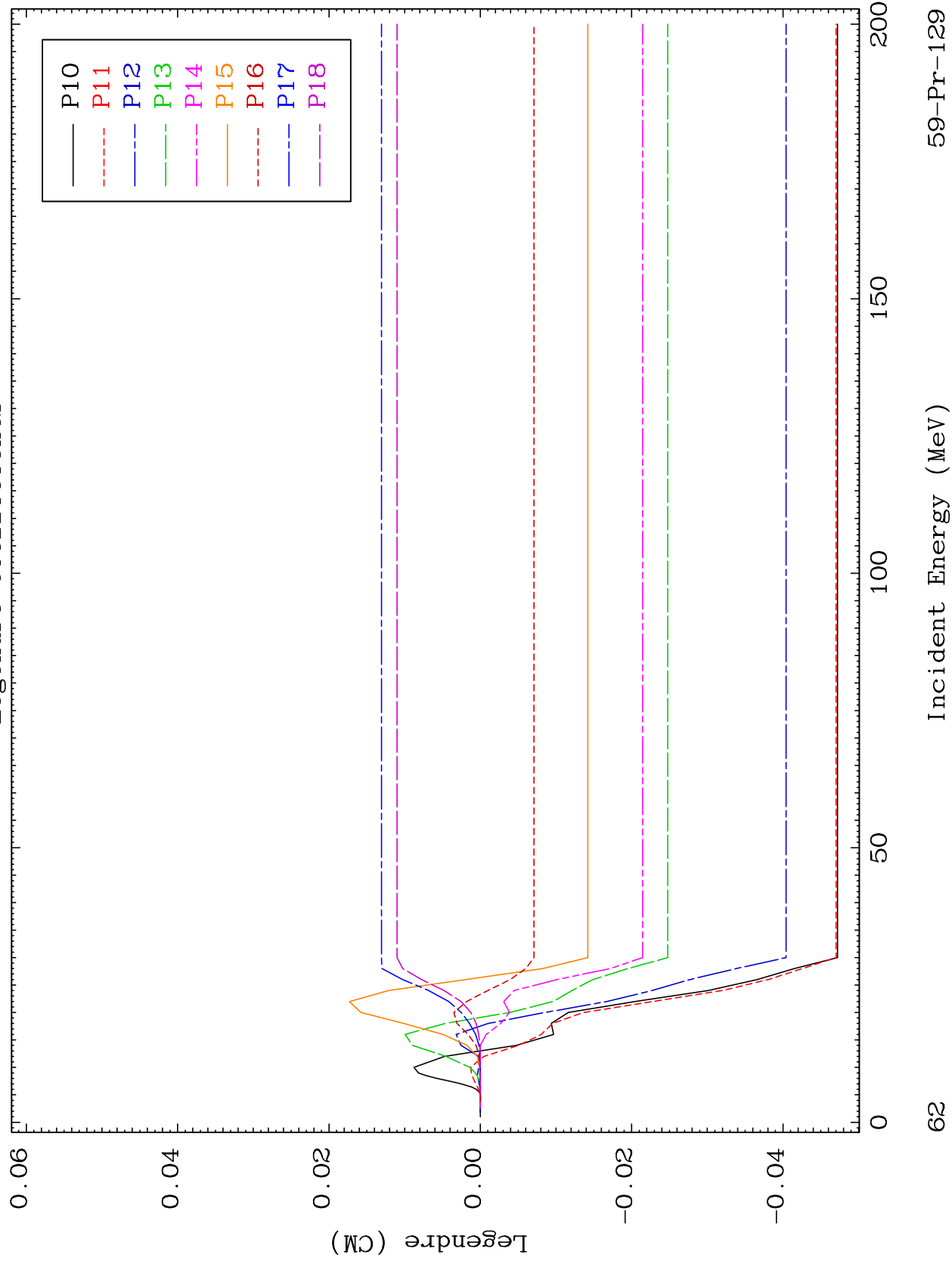




MAT 5889

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

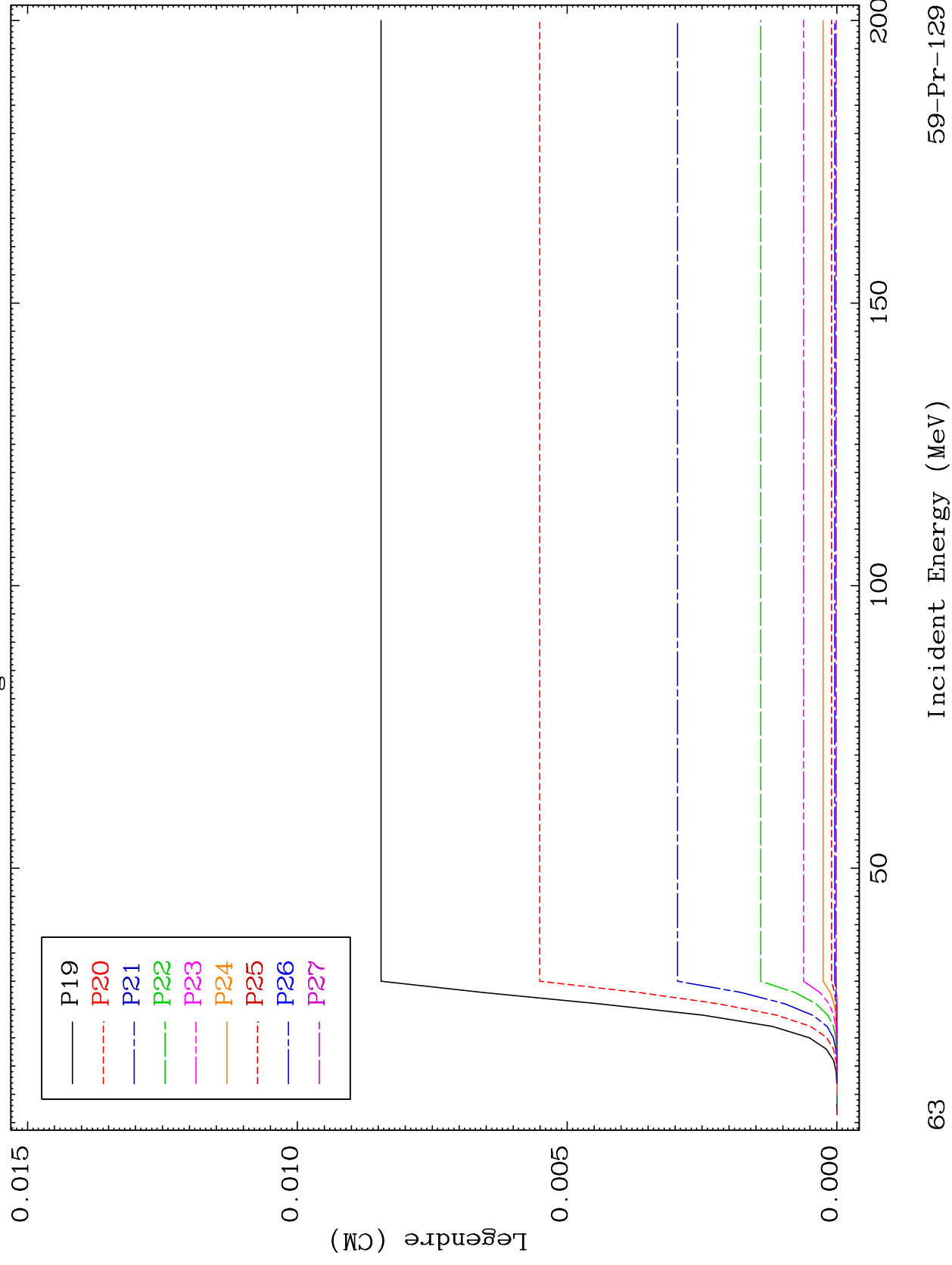
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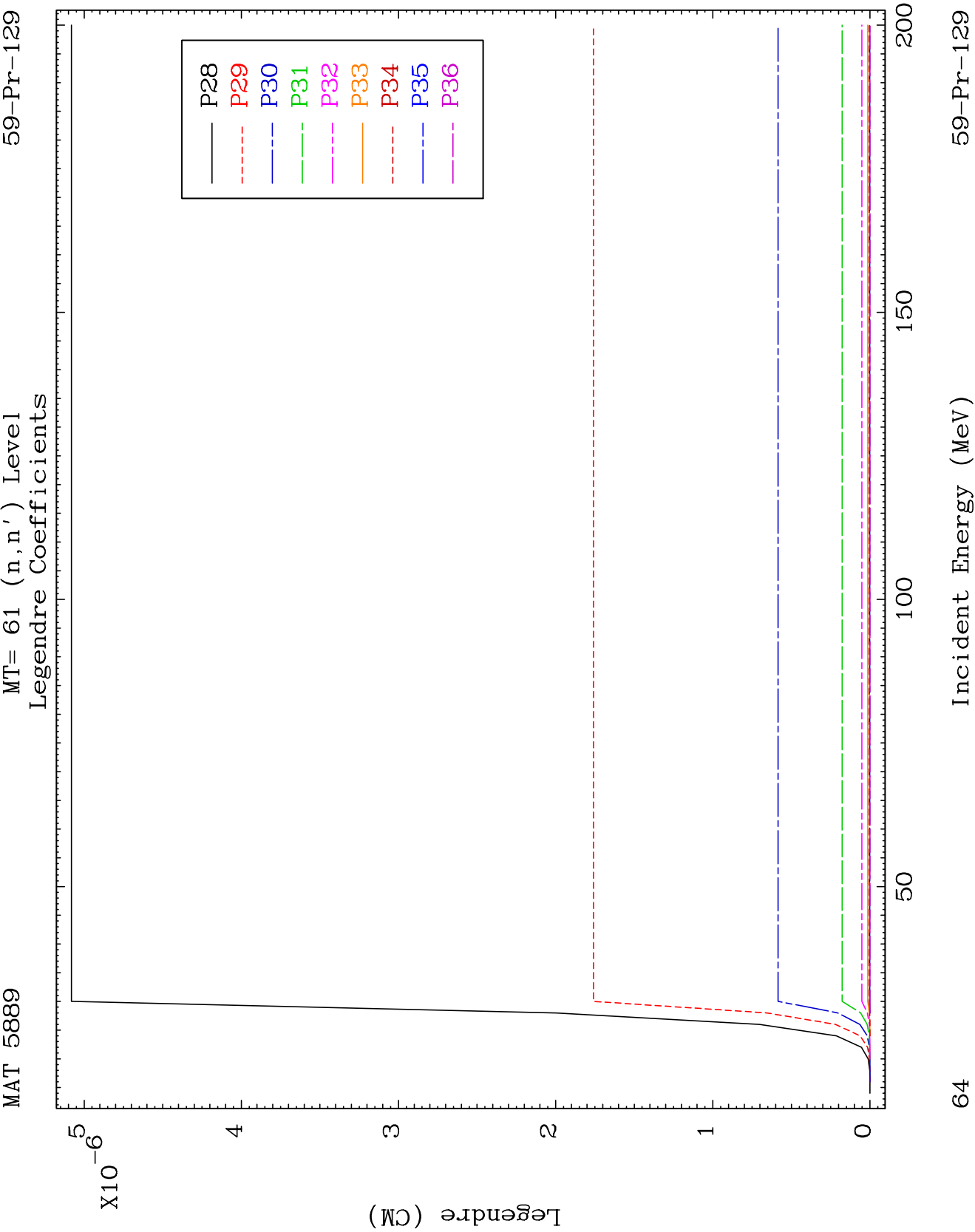


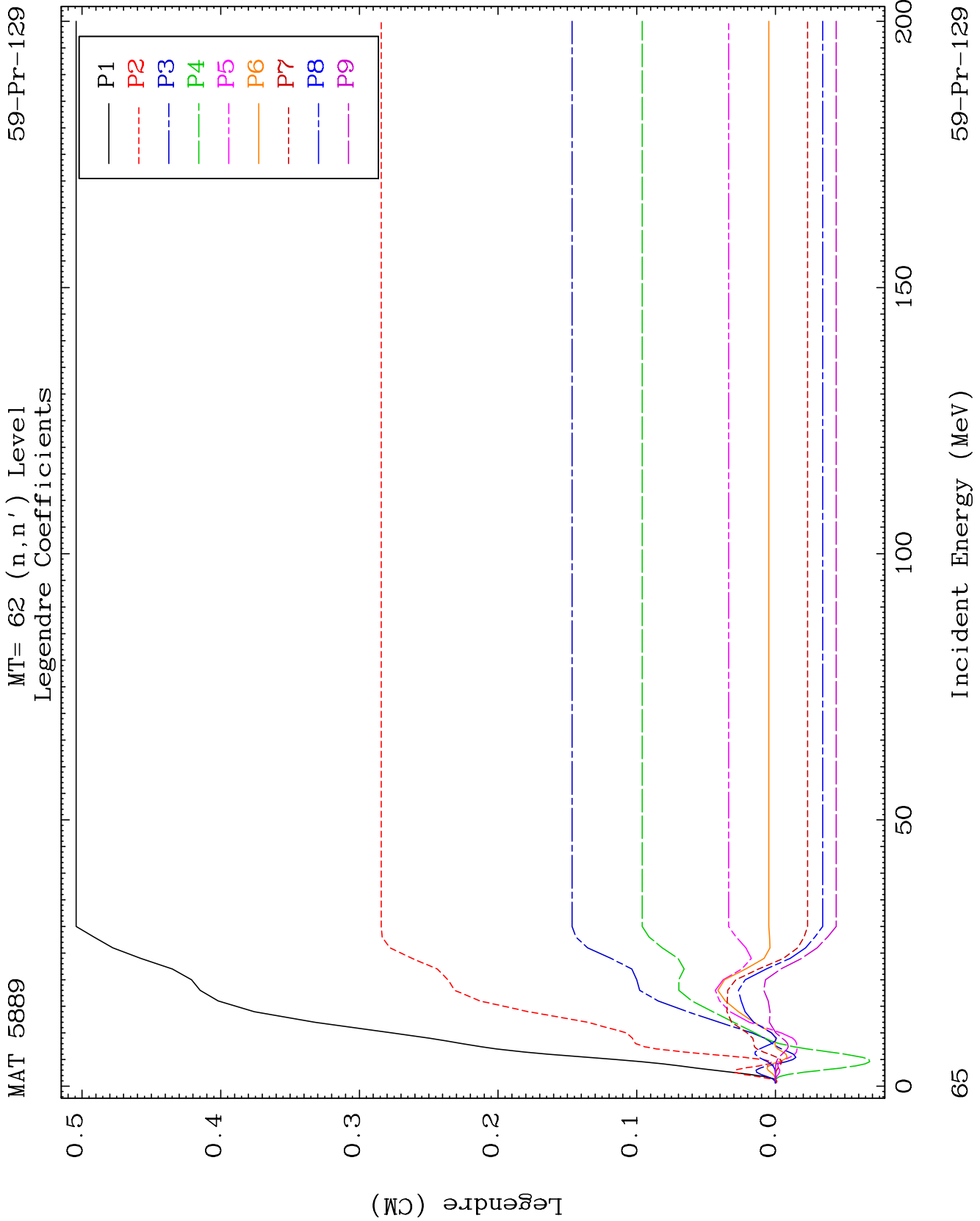
MAT 5889

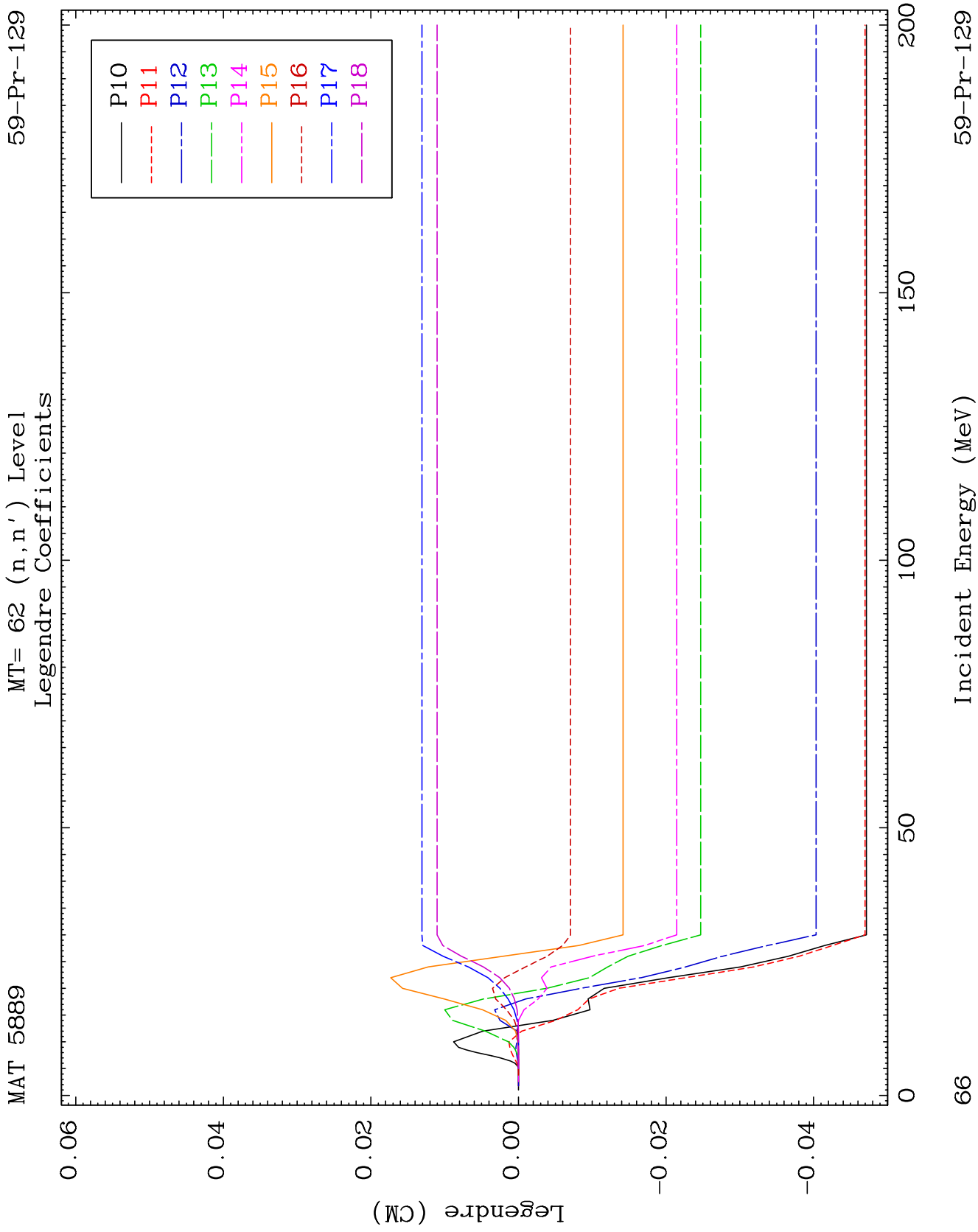
MT= 61 (n, n') Level
Legendre Coefficients

59-Pr-129





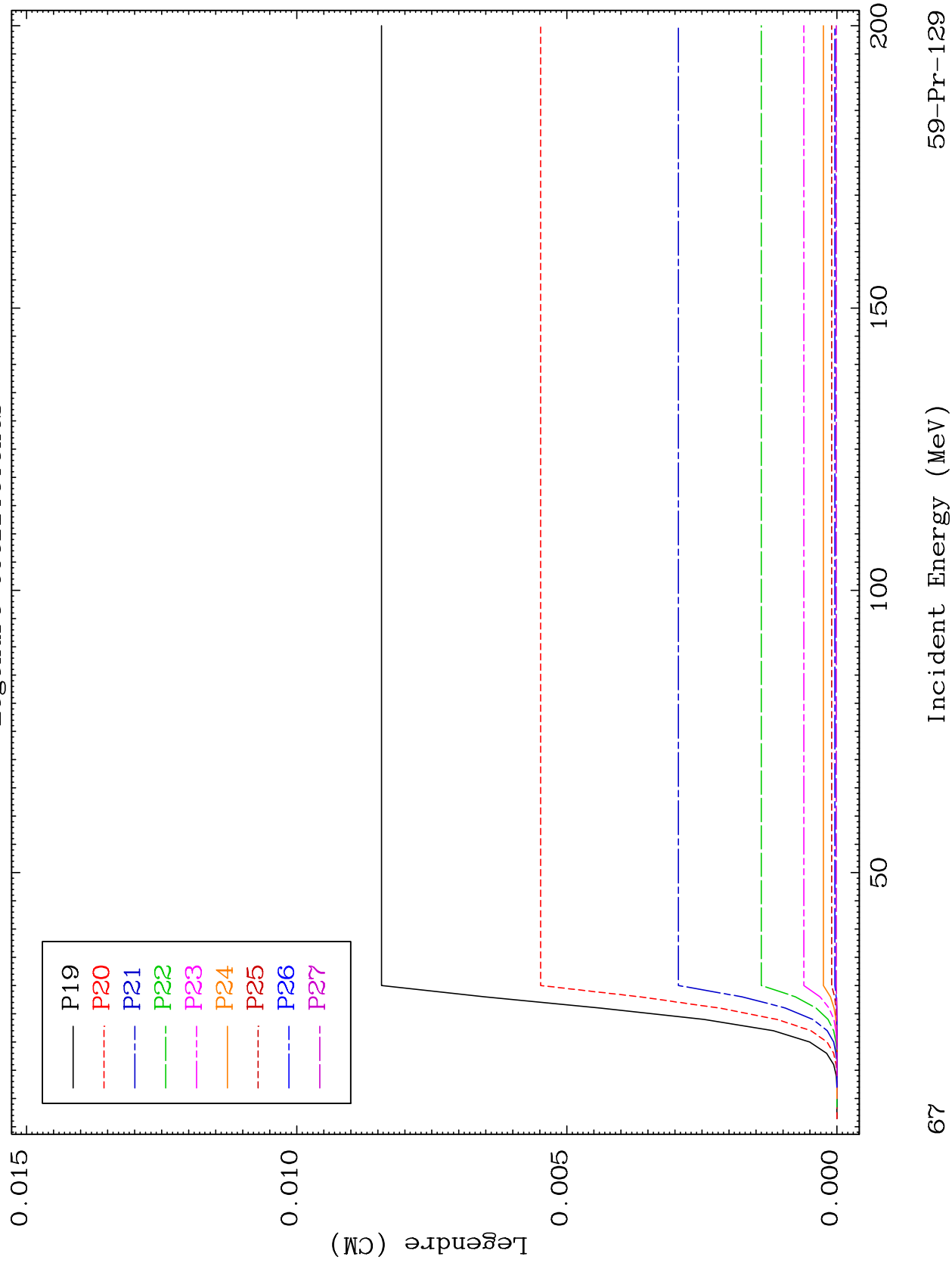


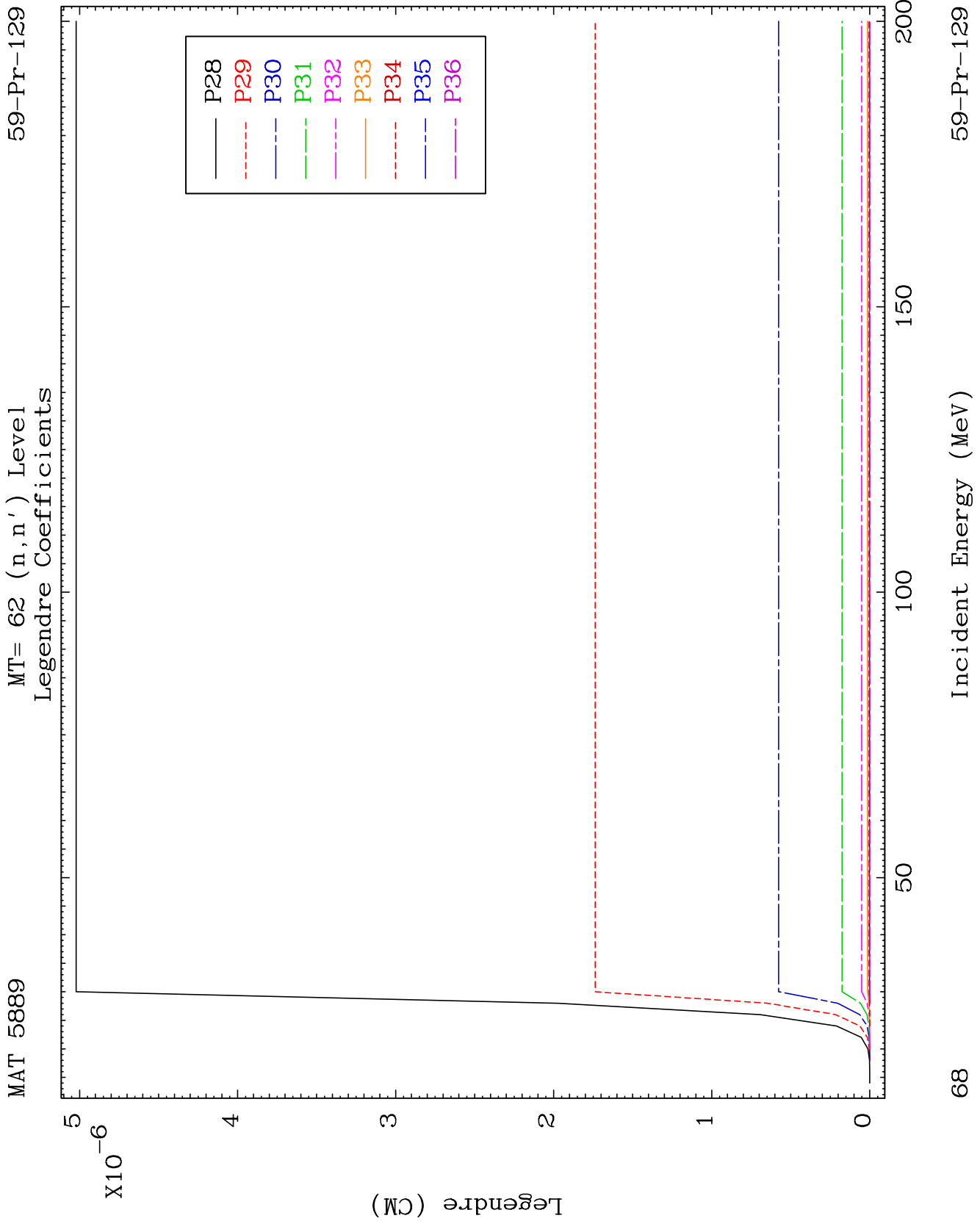


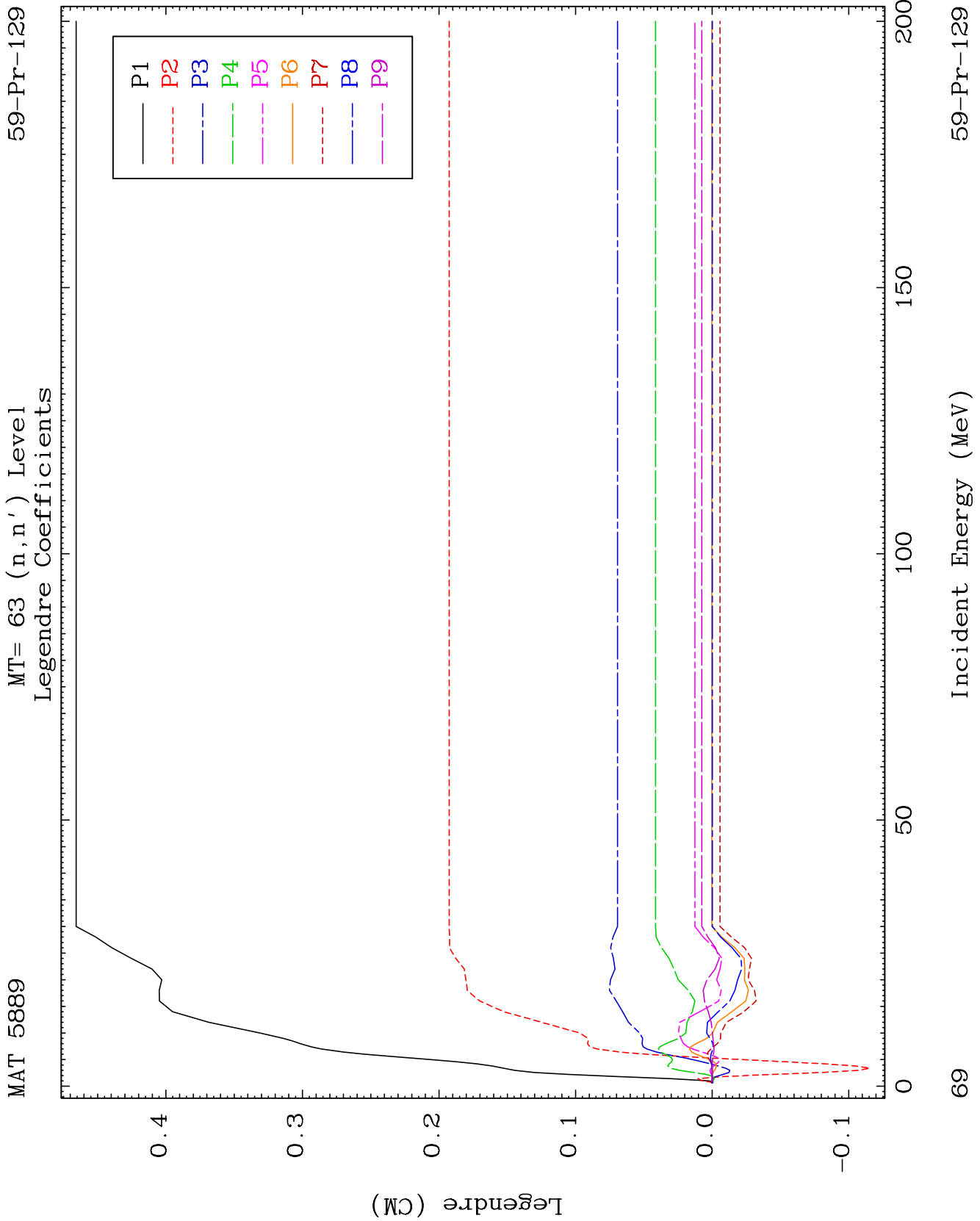
MAT 5889

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

59-Pr-129



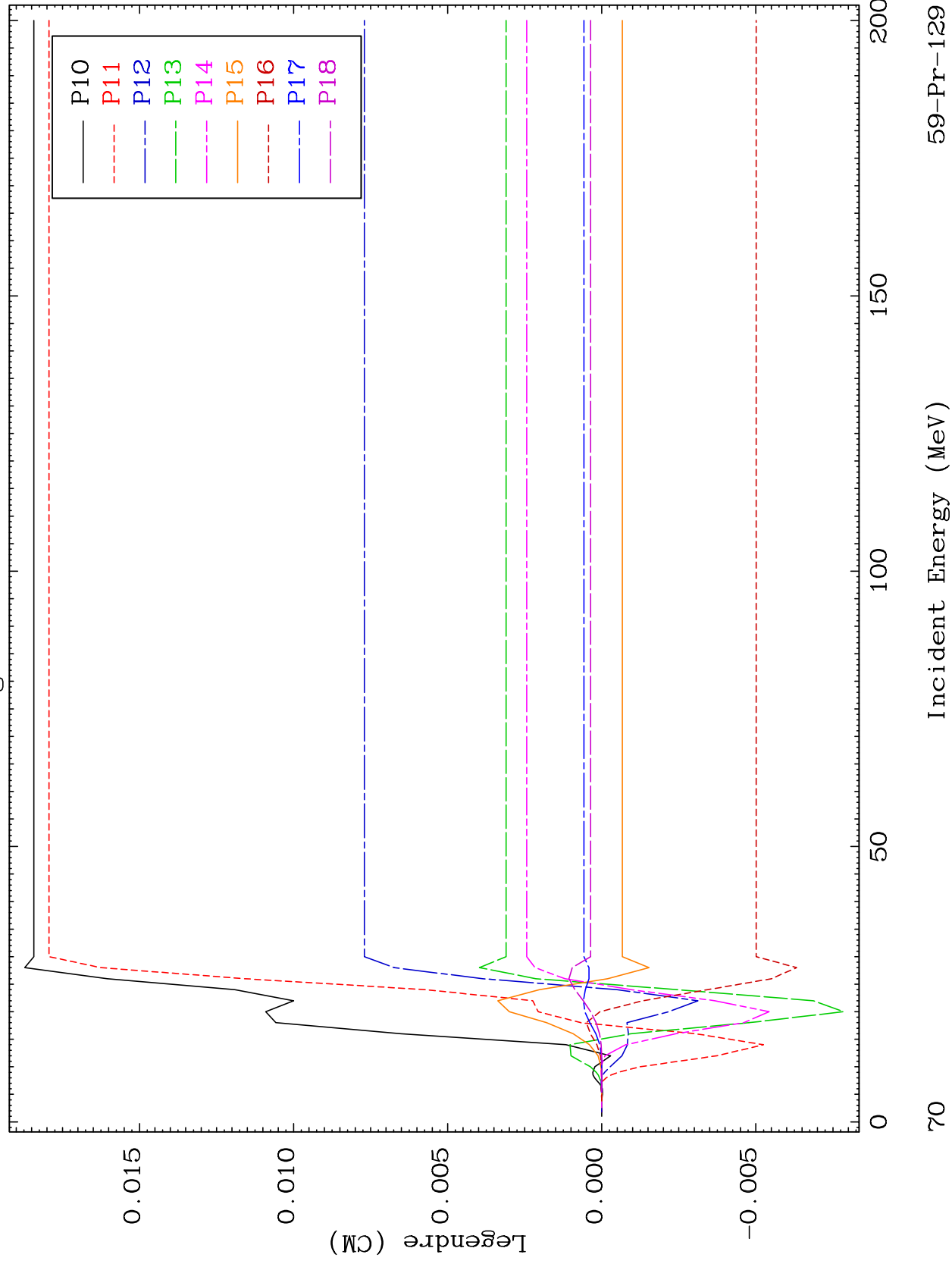




MAT 5889

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

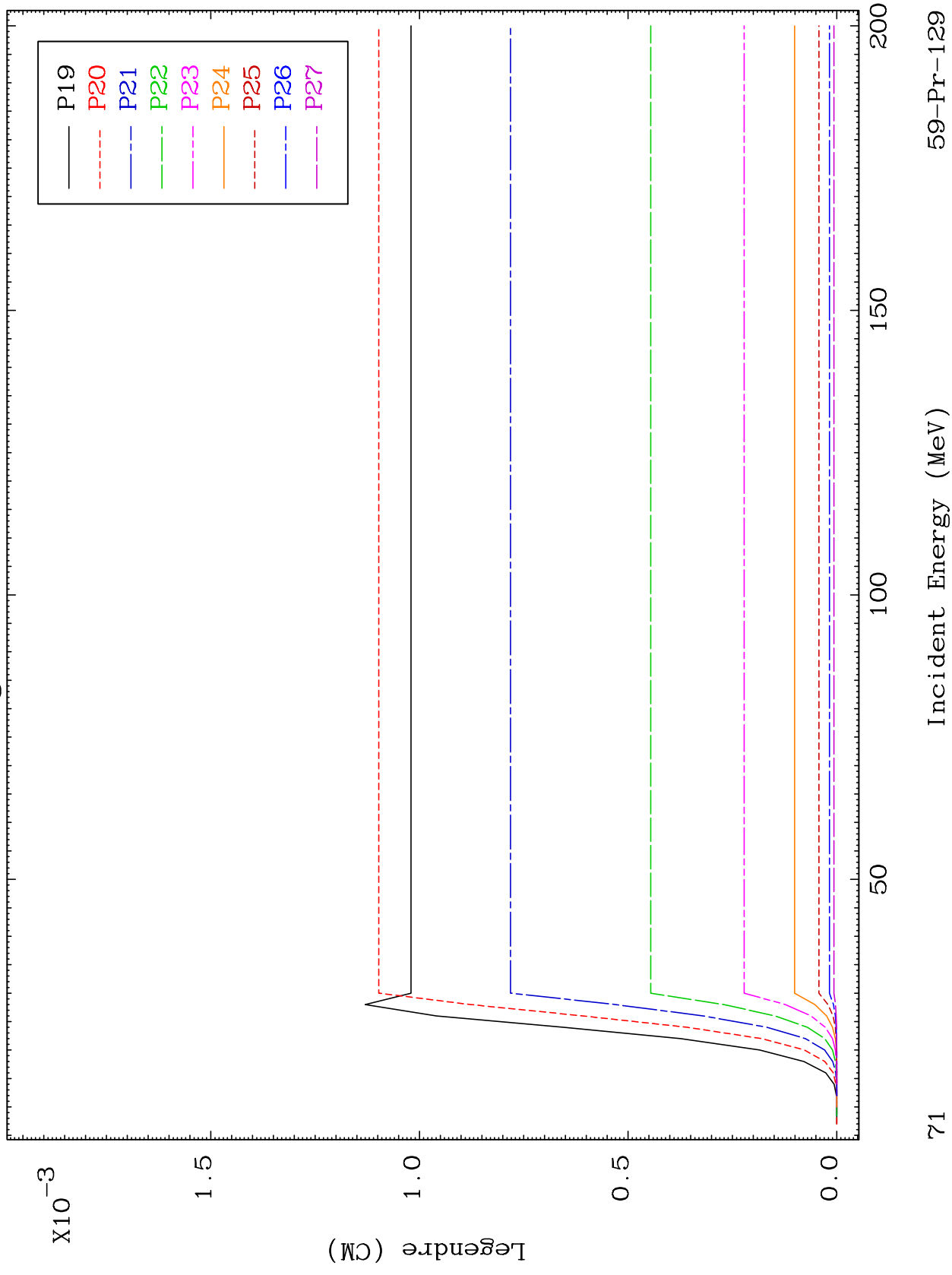
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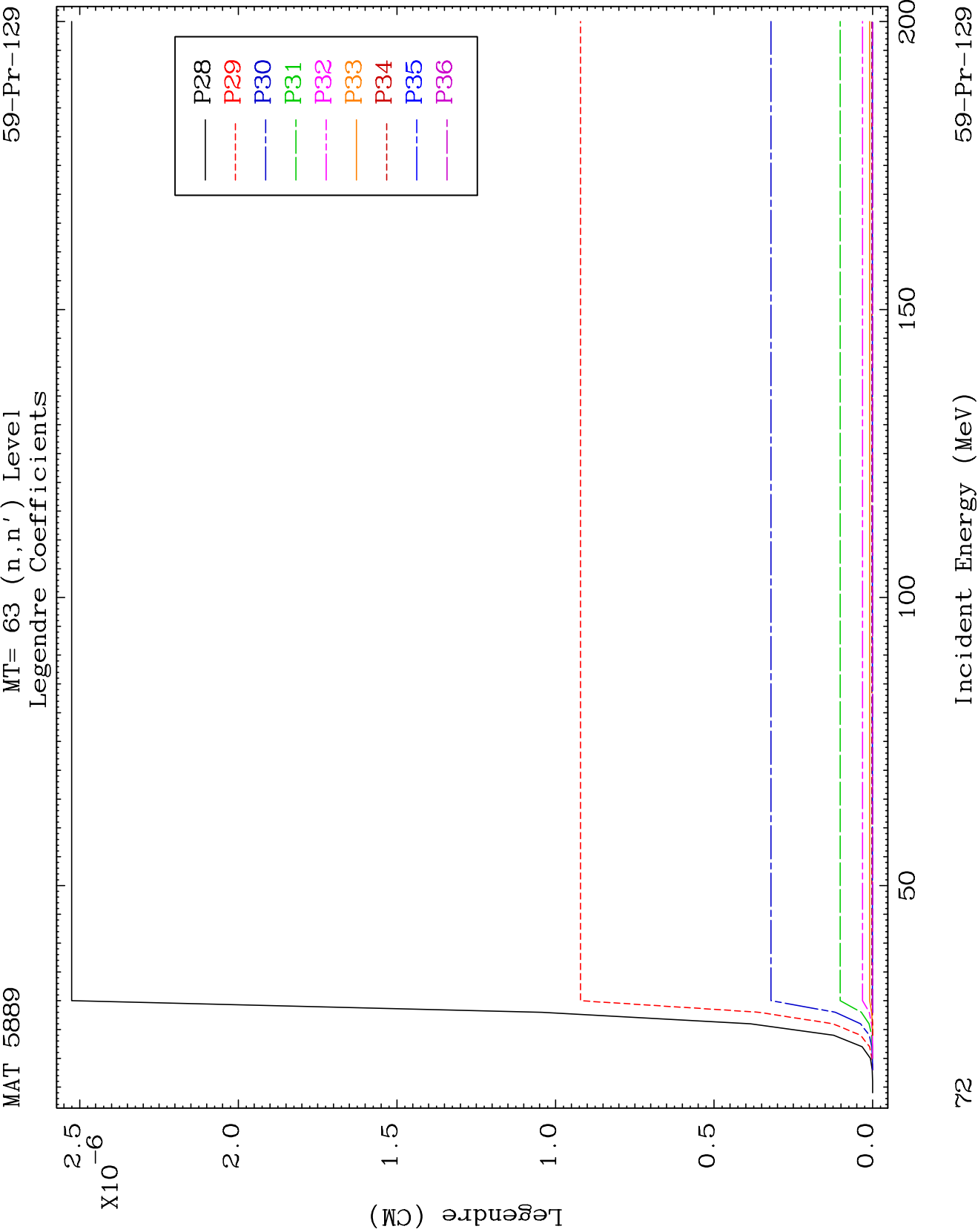


MAT 5889

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

59-Pr-129

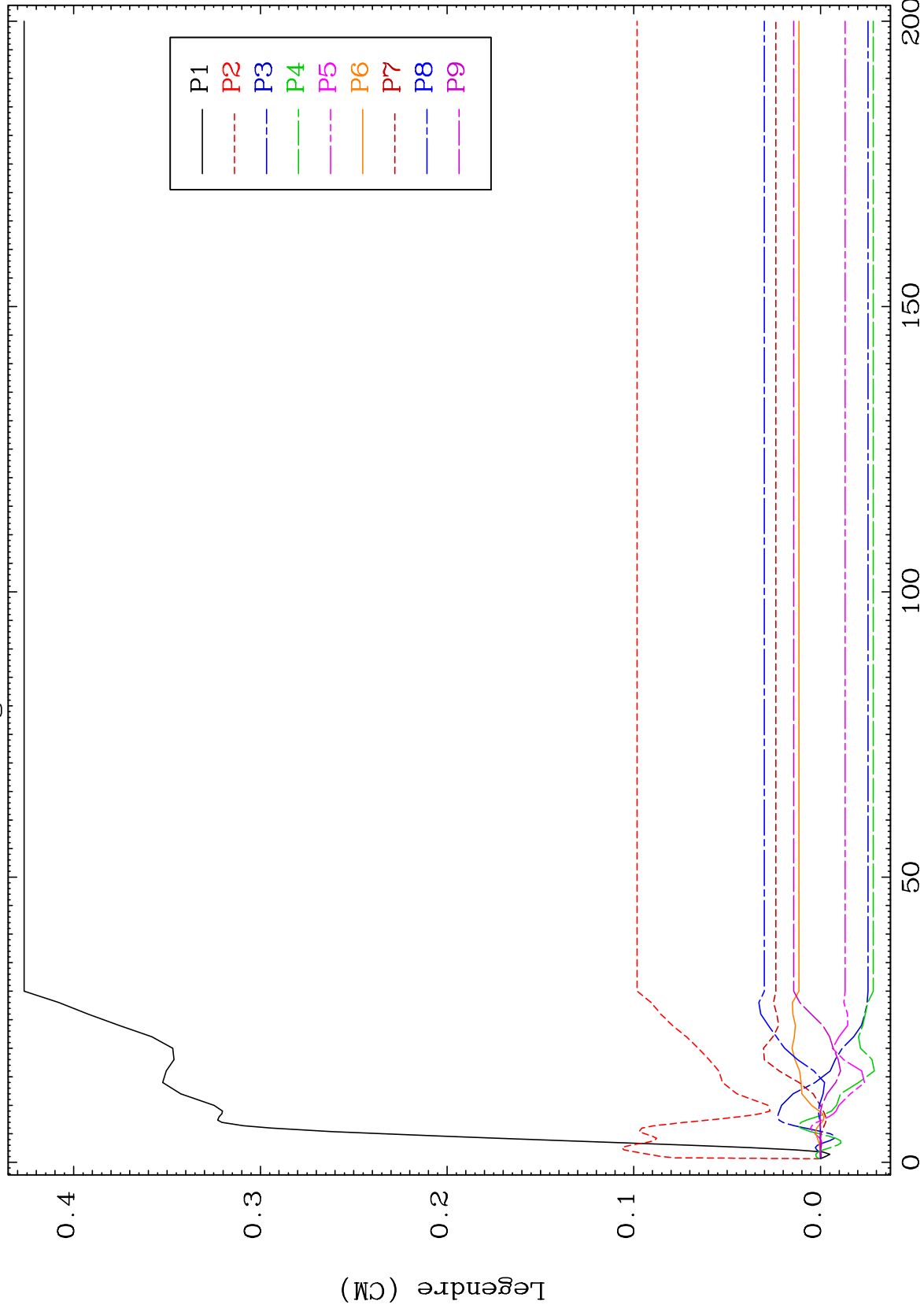




MAT 5889

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

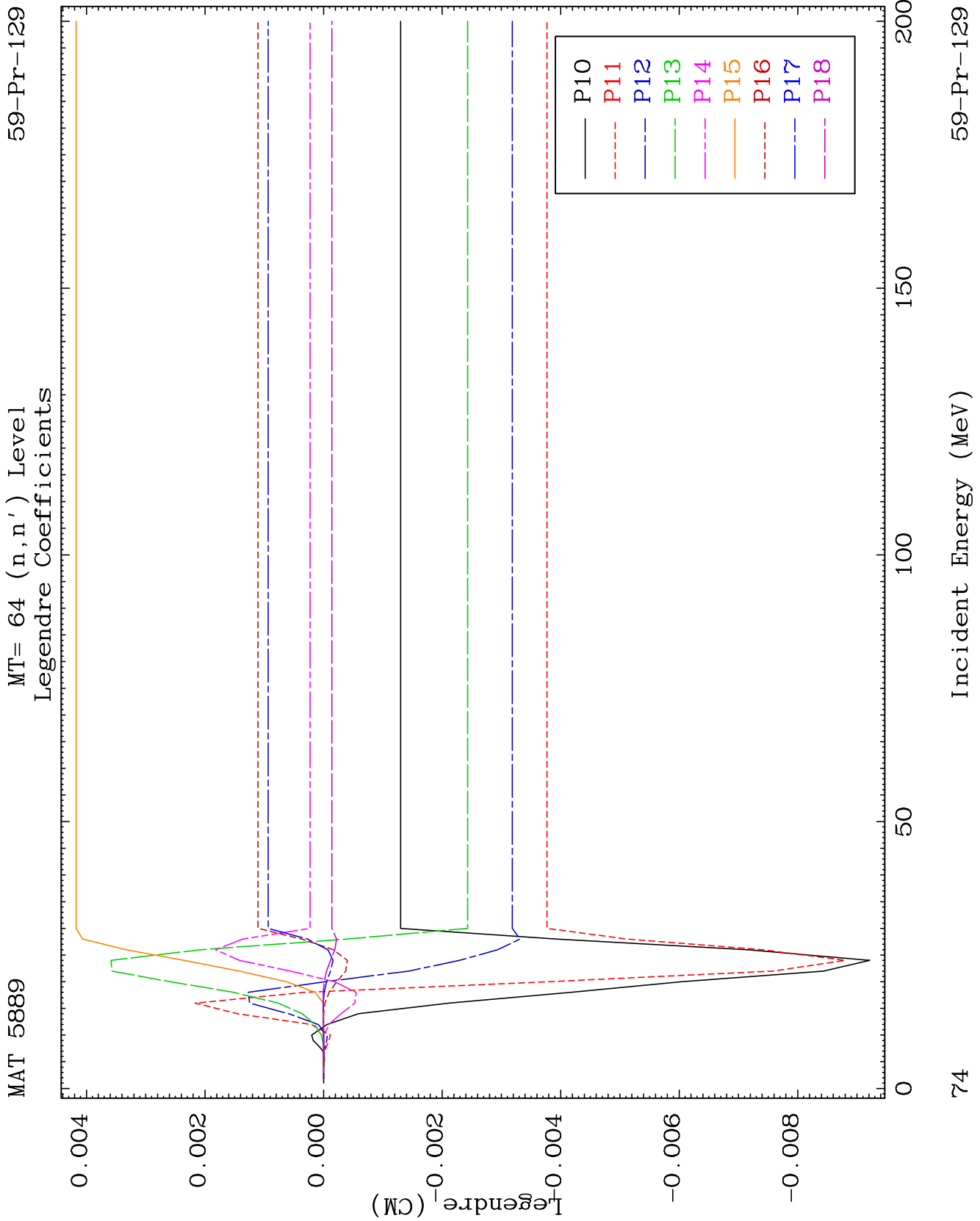
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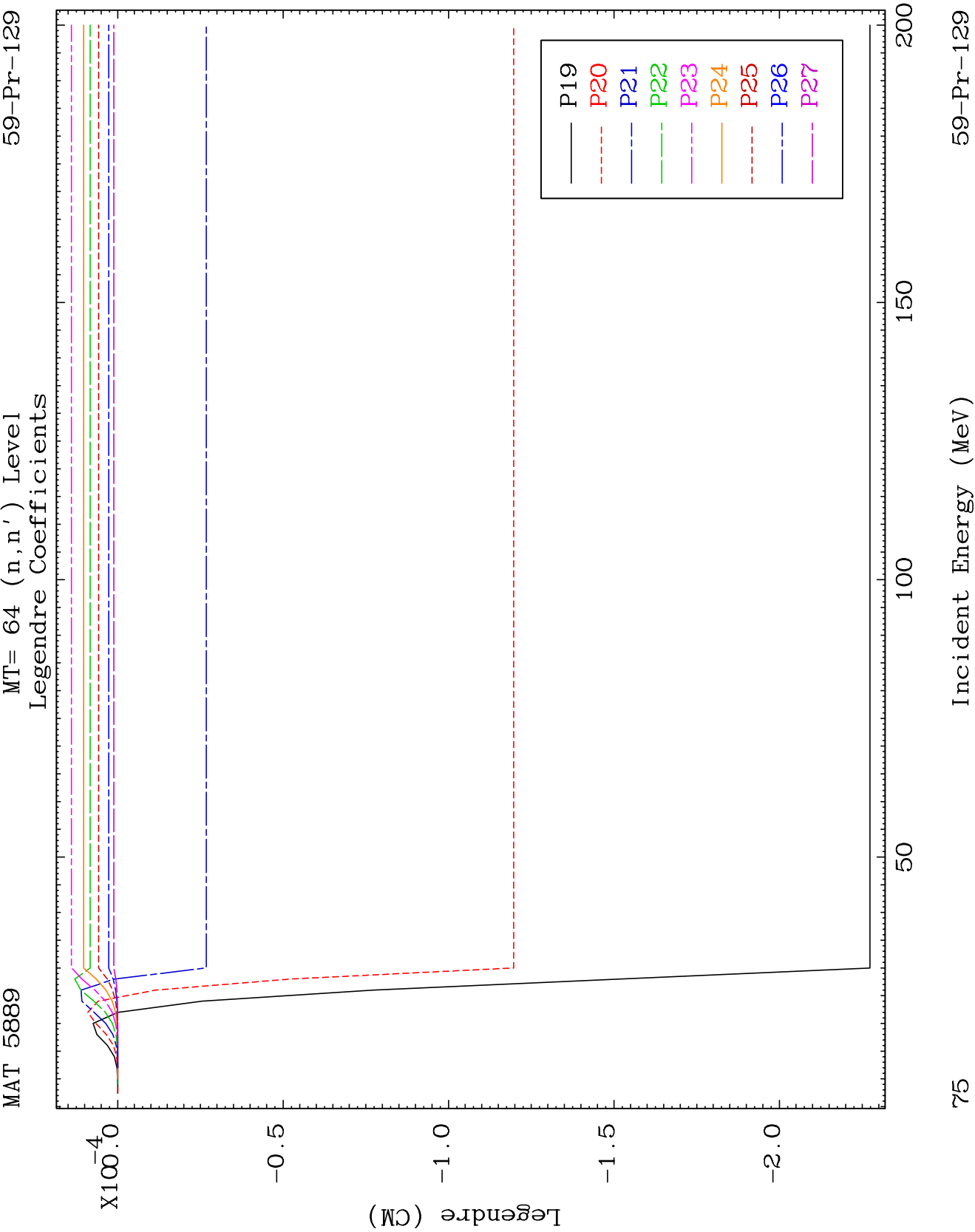


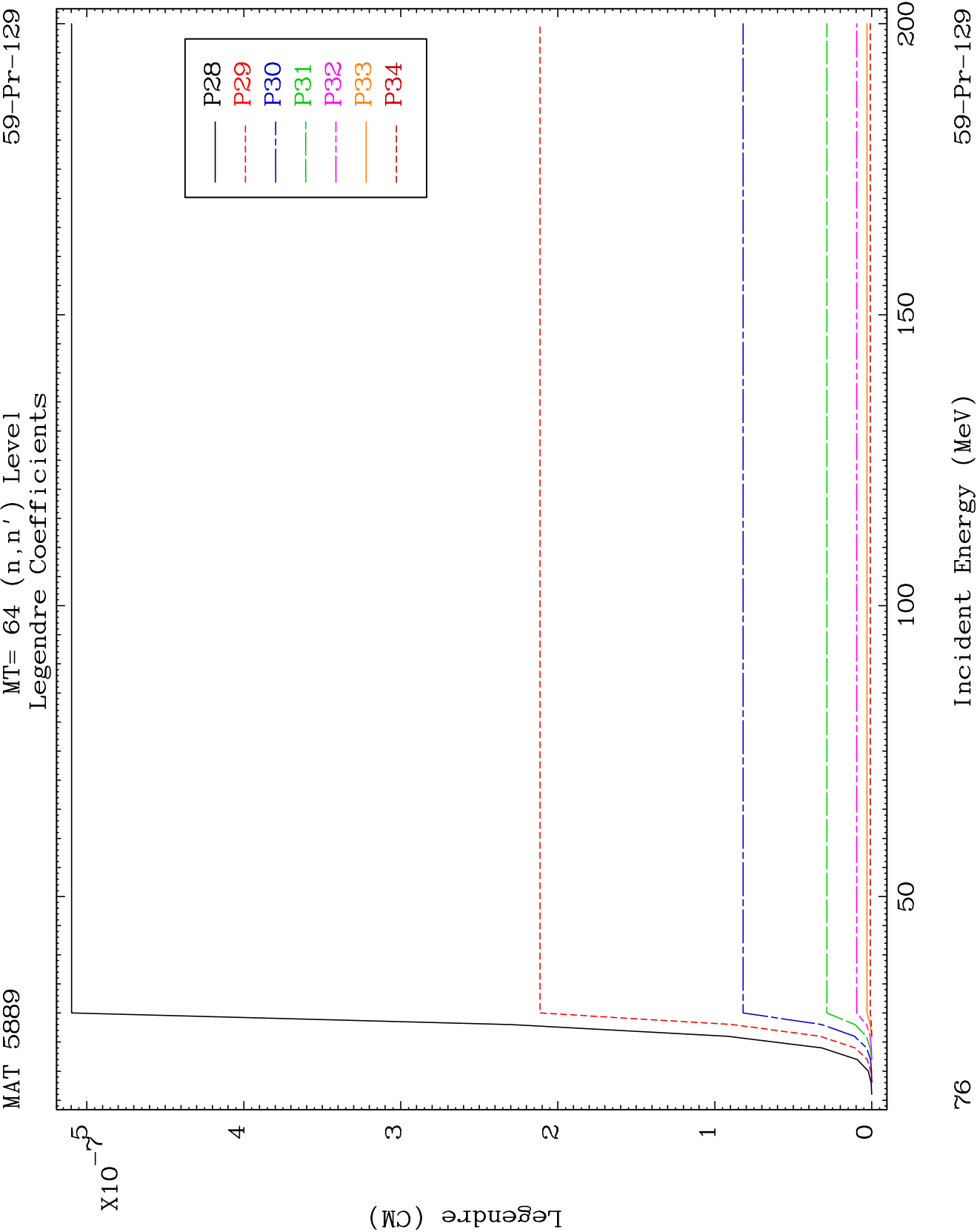
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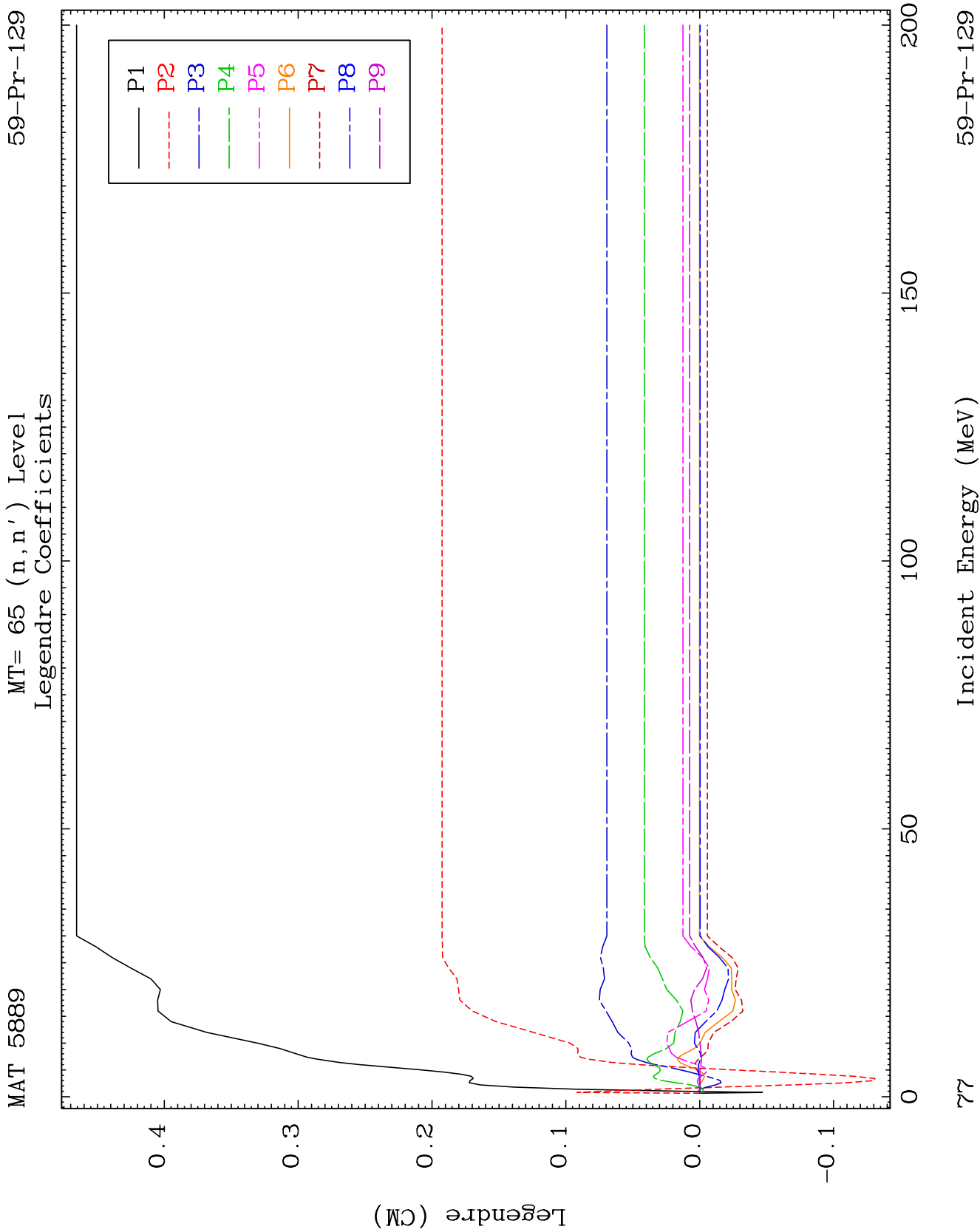
Incident Energy (MeV)

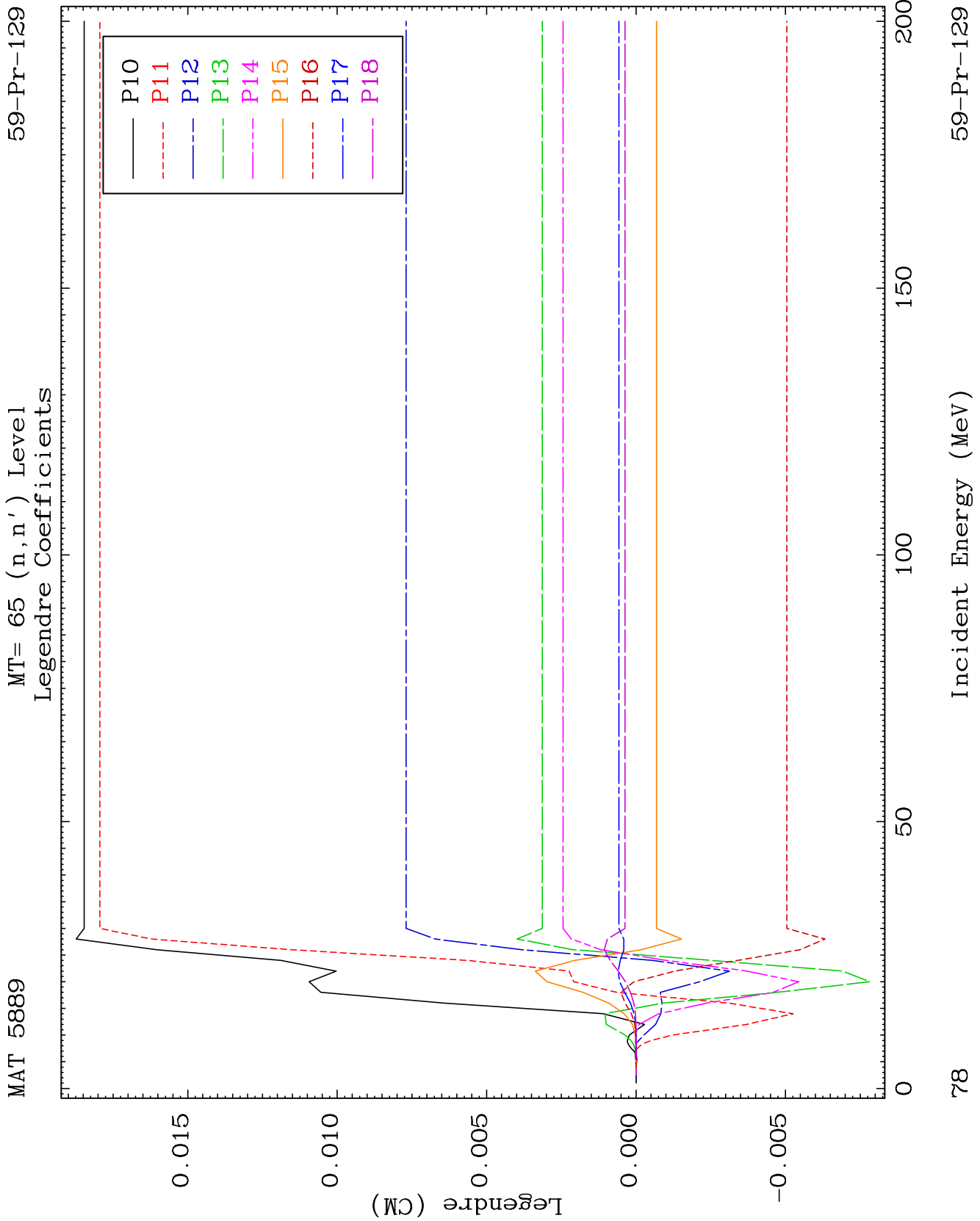
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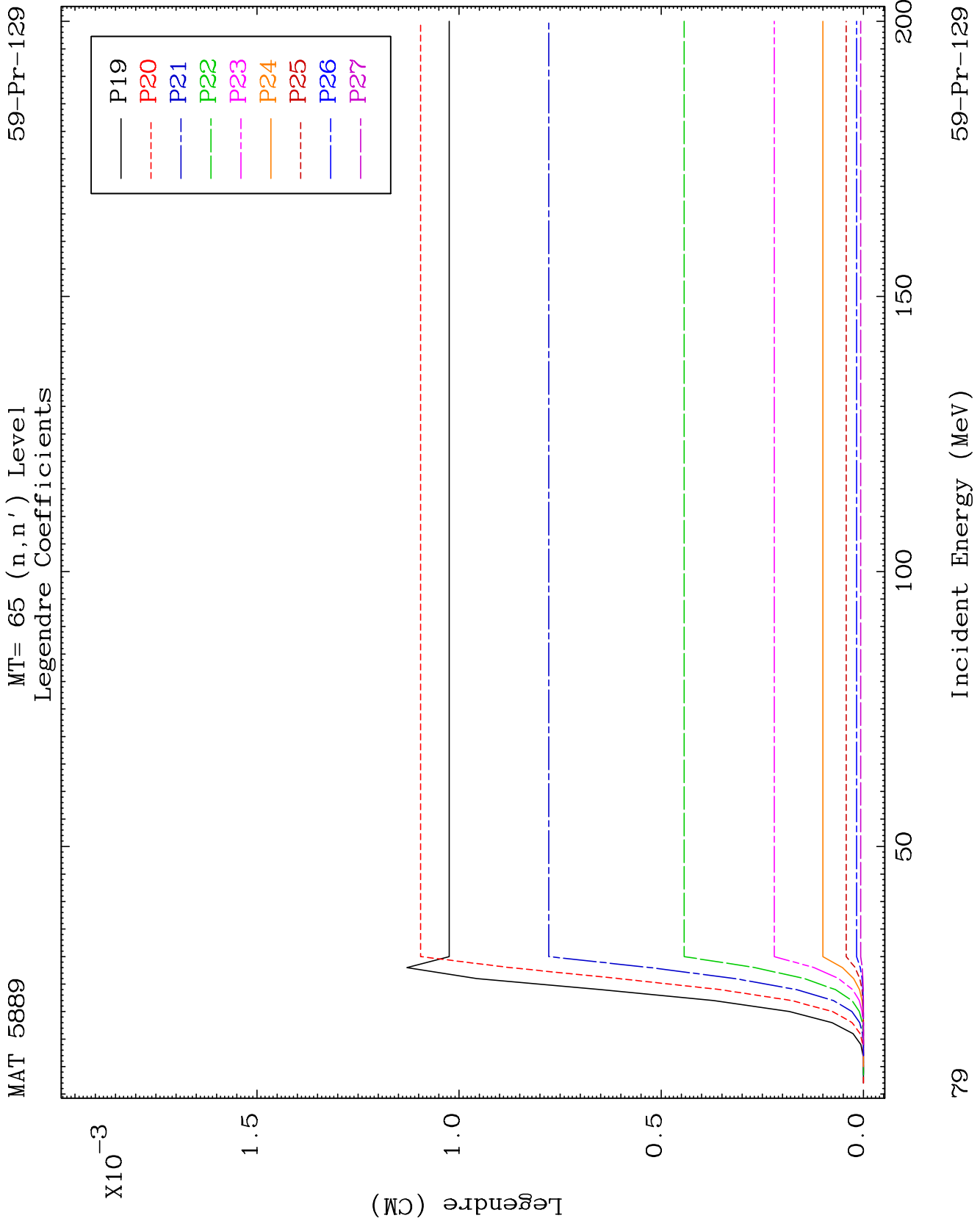


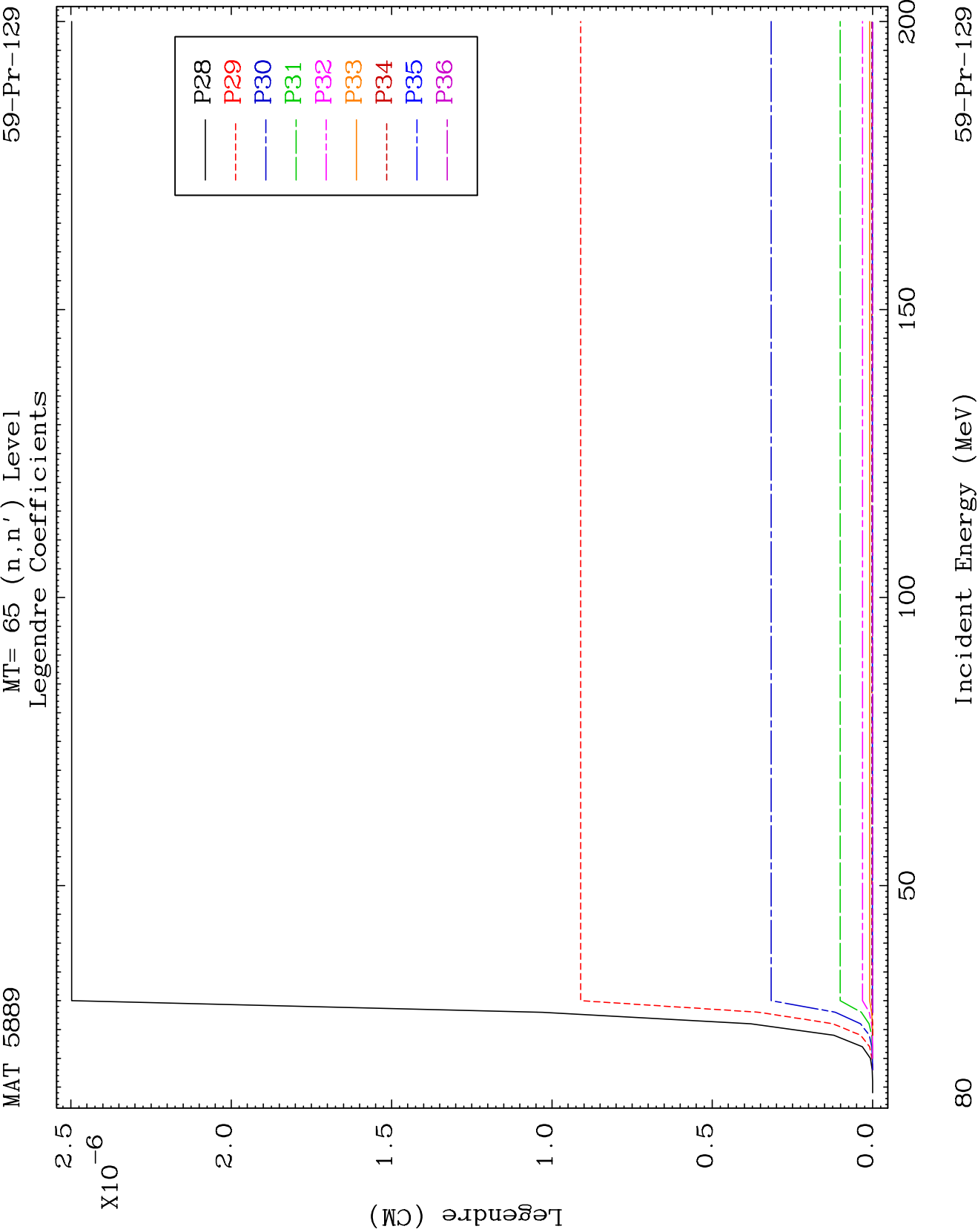








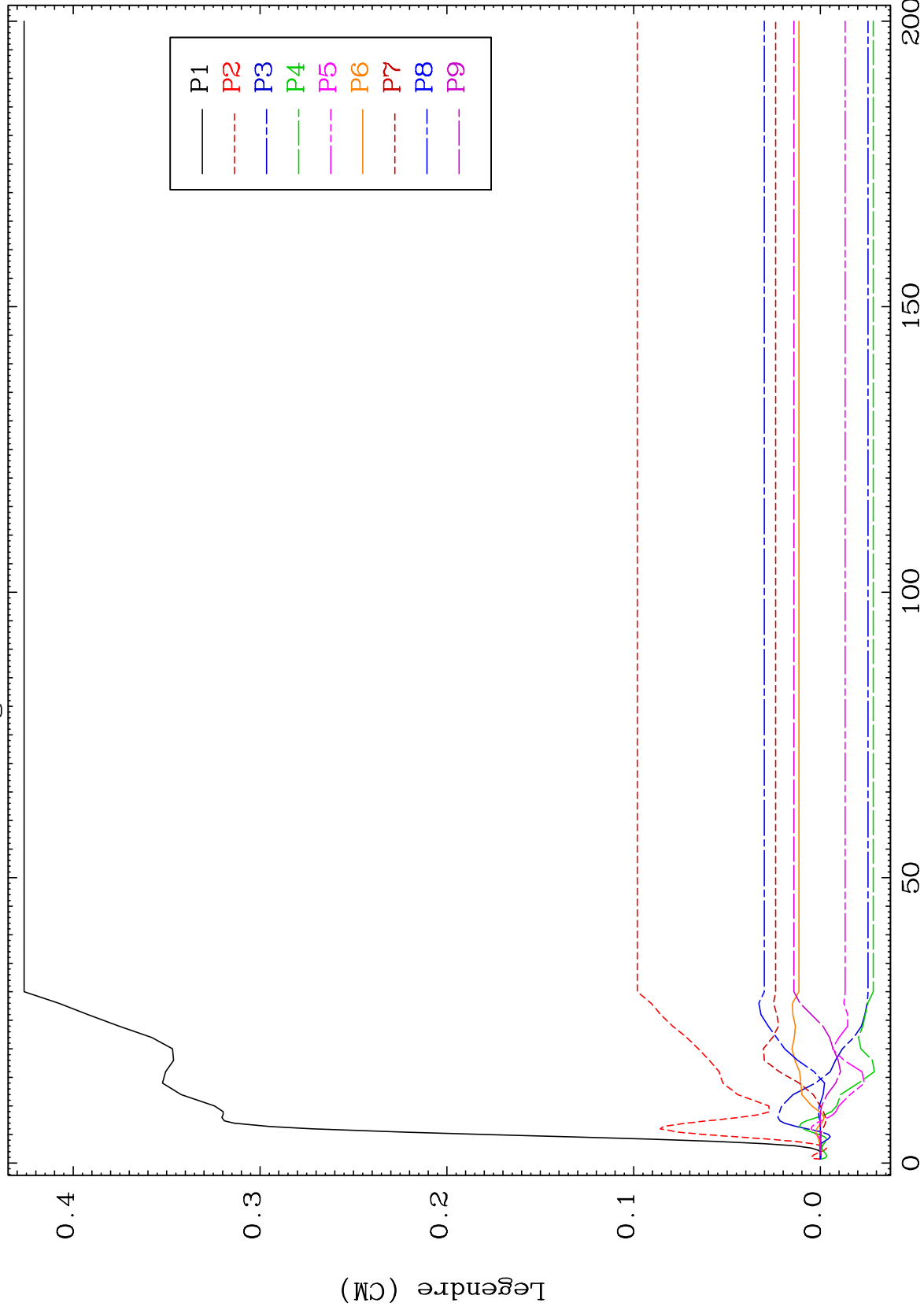




MAT 5889

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

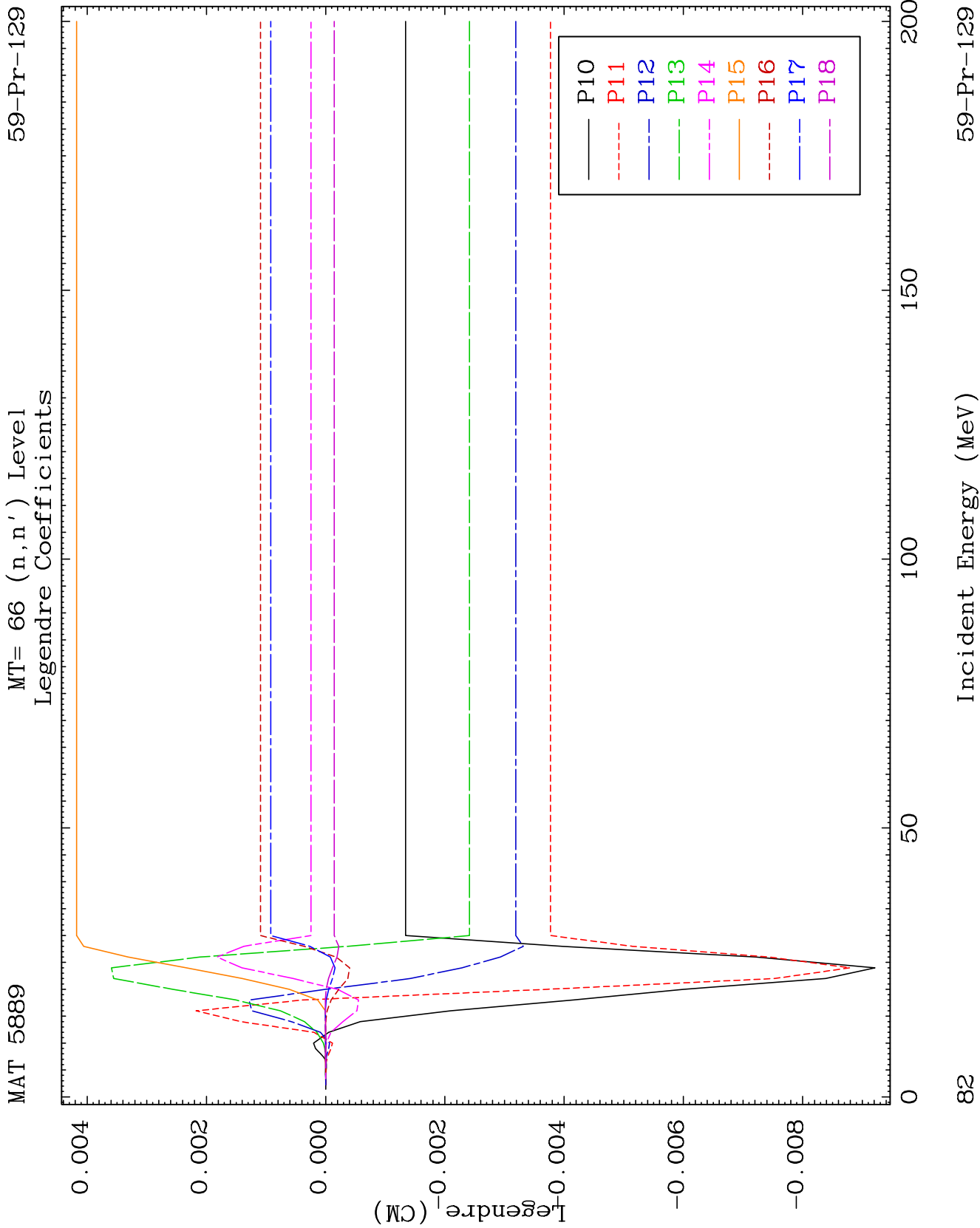
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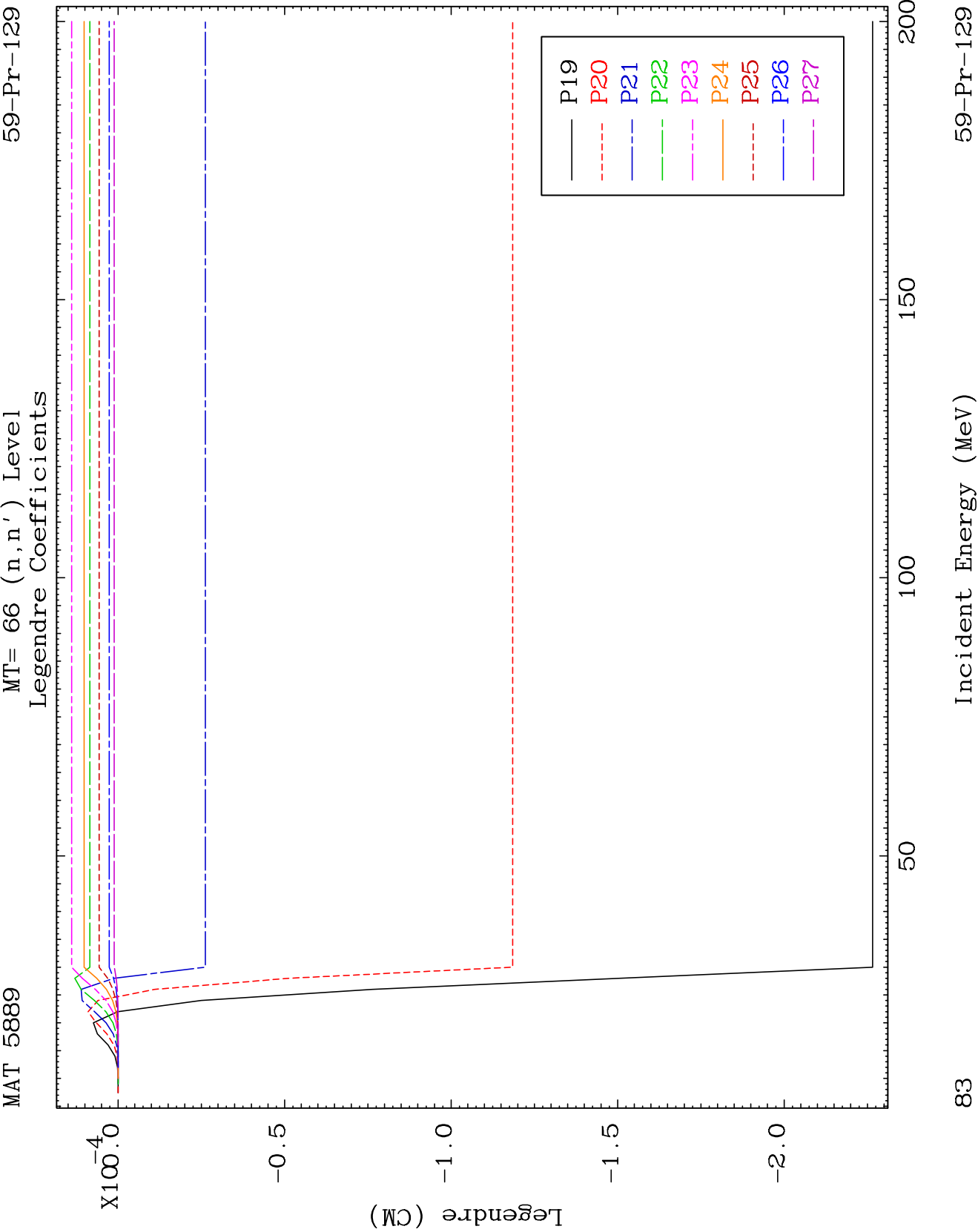


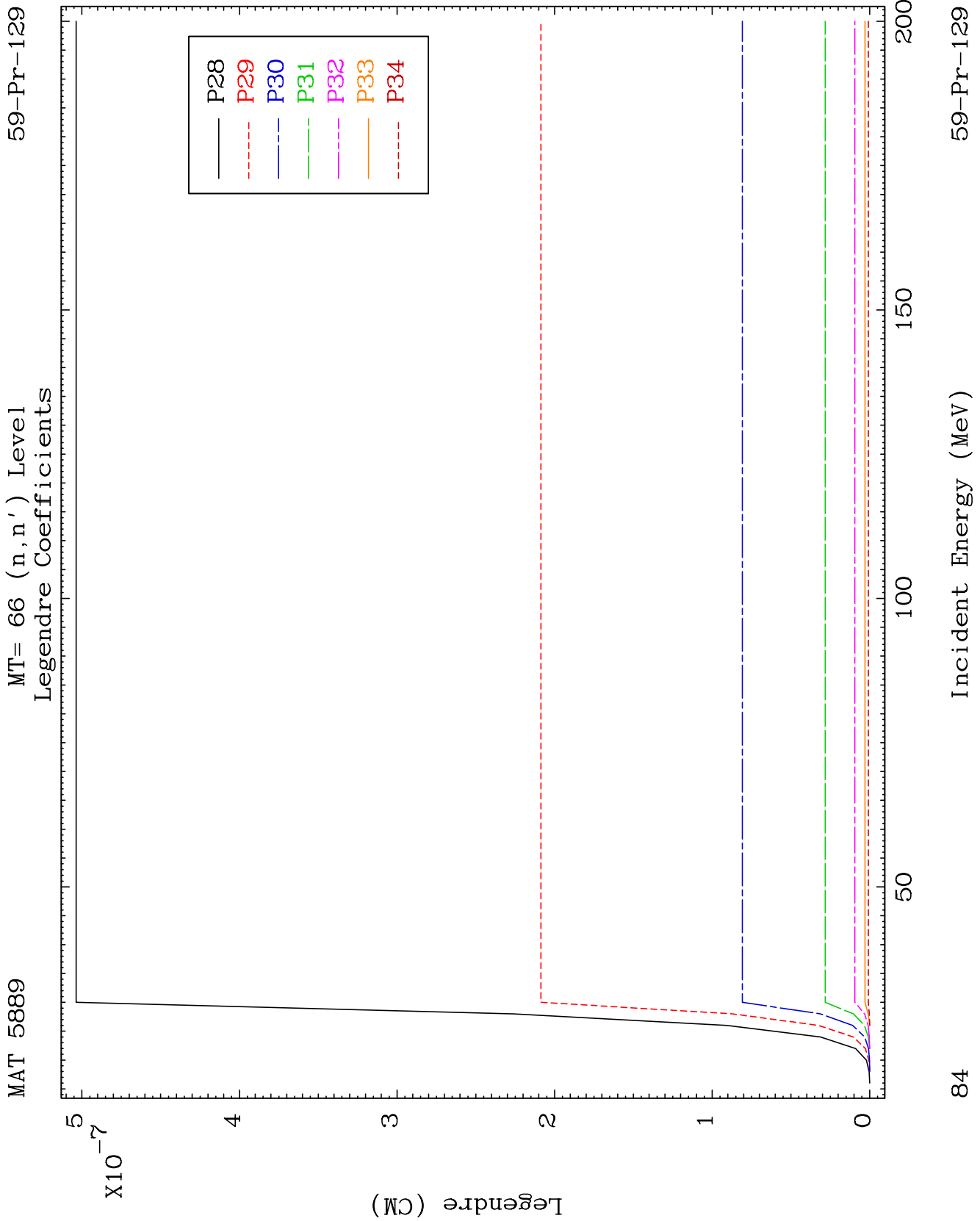
81

Incident Energy (MeV)

59-Pr-129



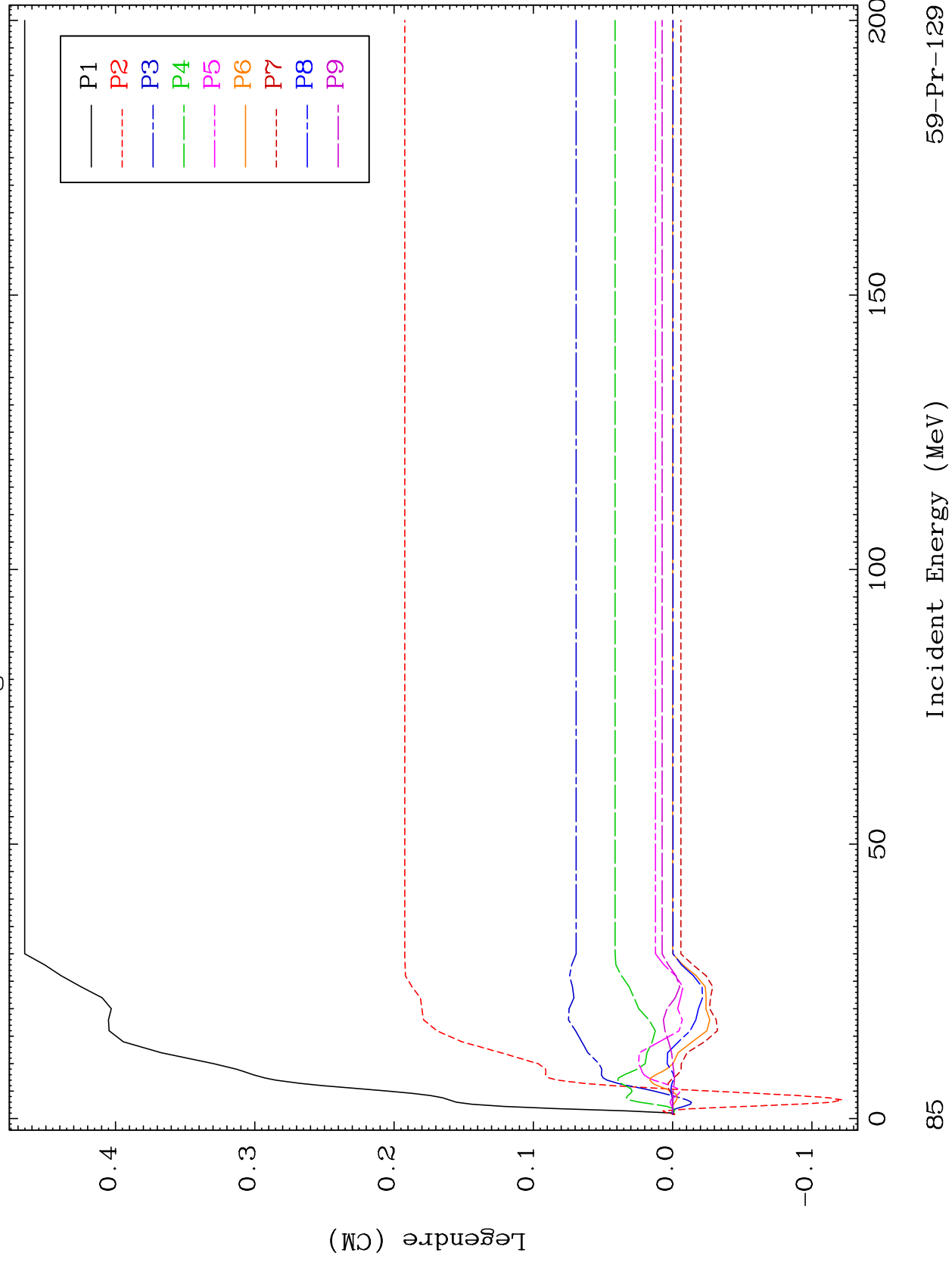


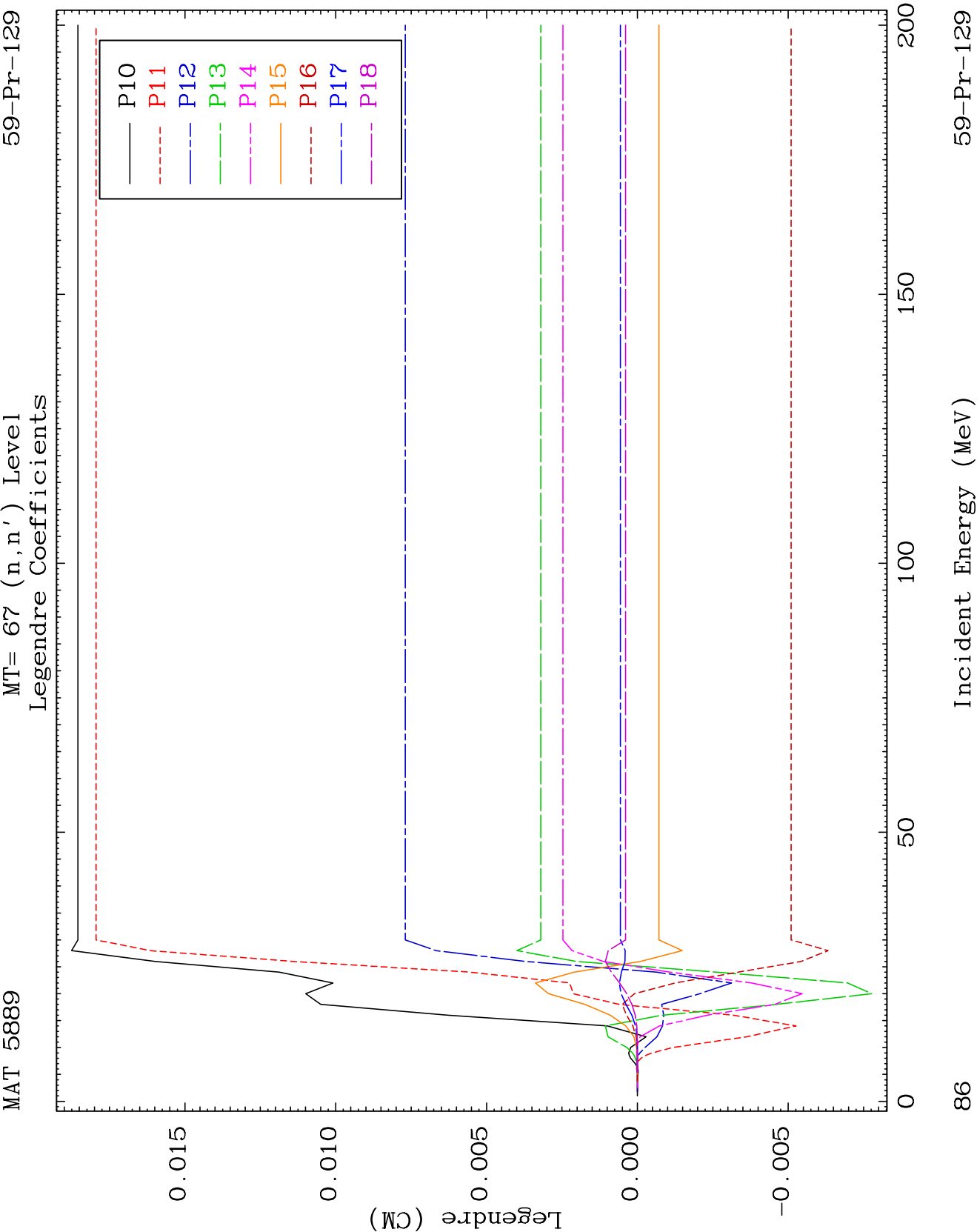


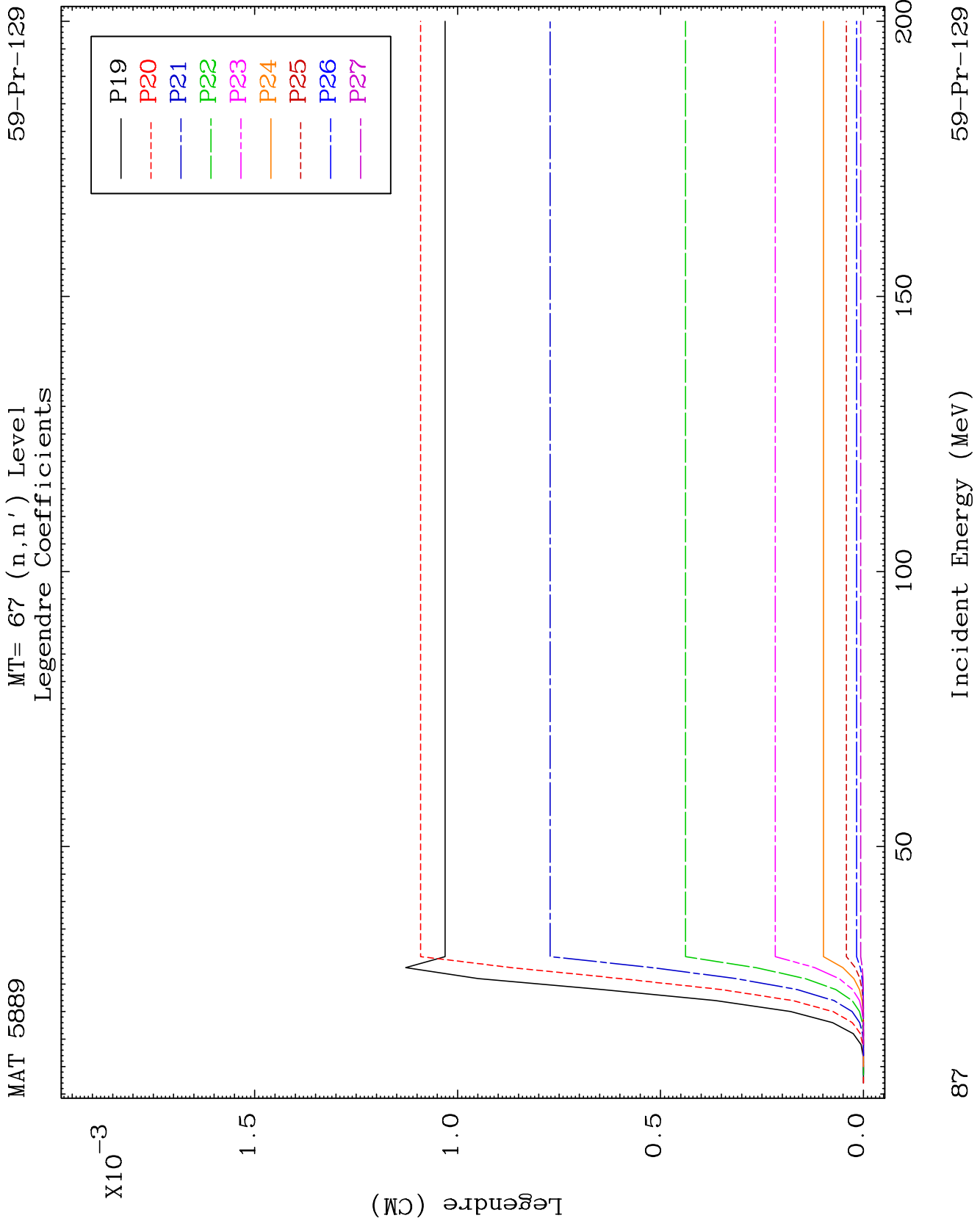
MAT 5889

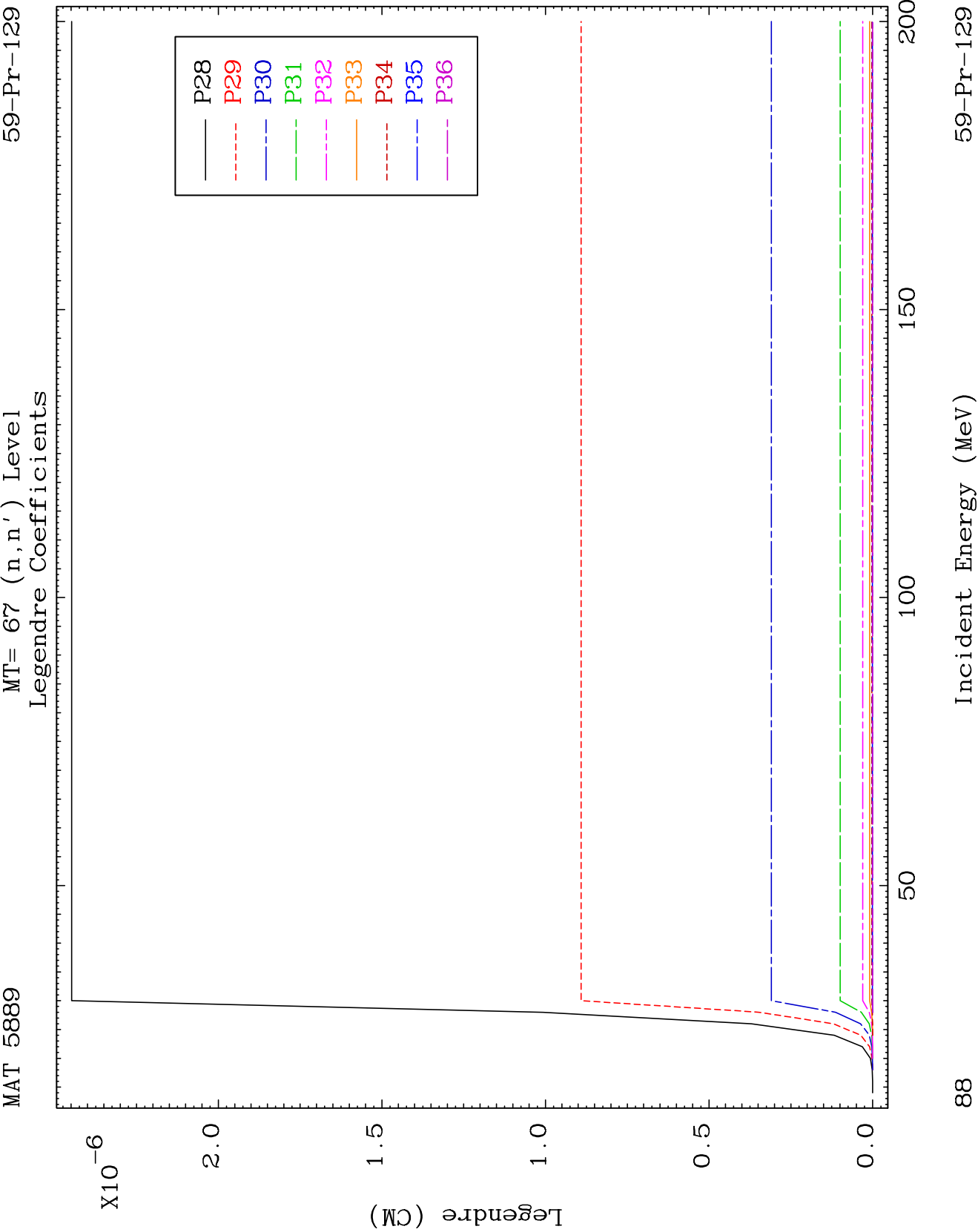
MT= 67 (n, n') Level
Legendre Coefficients

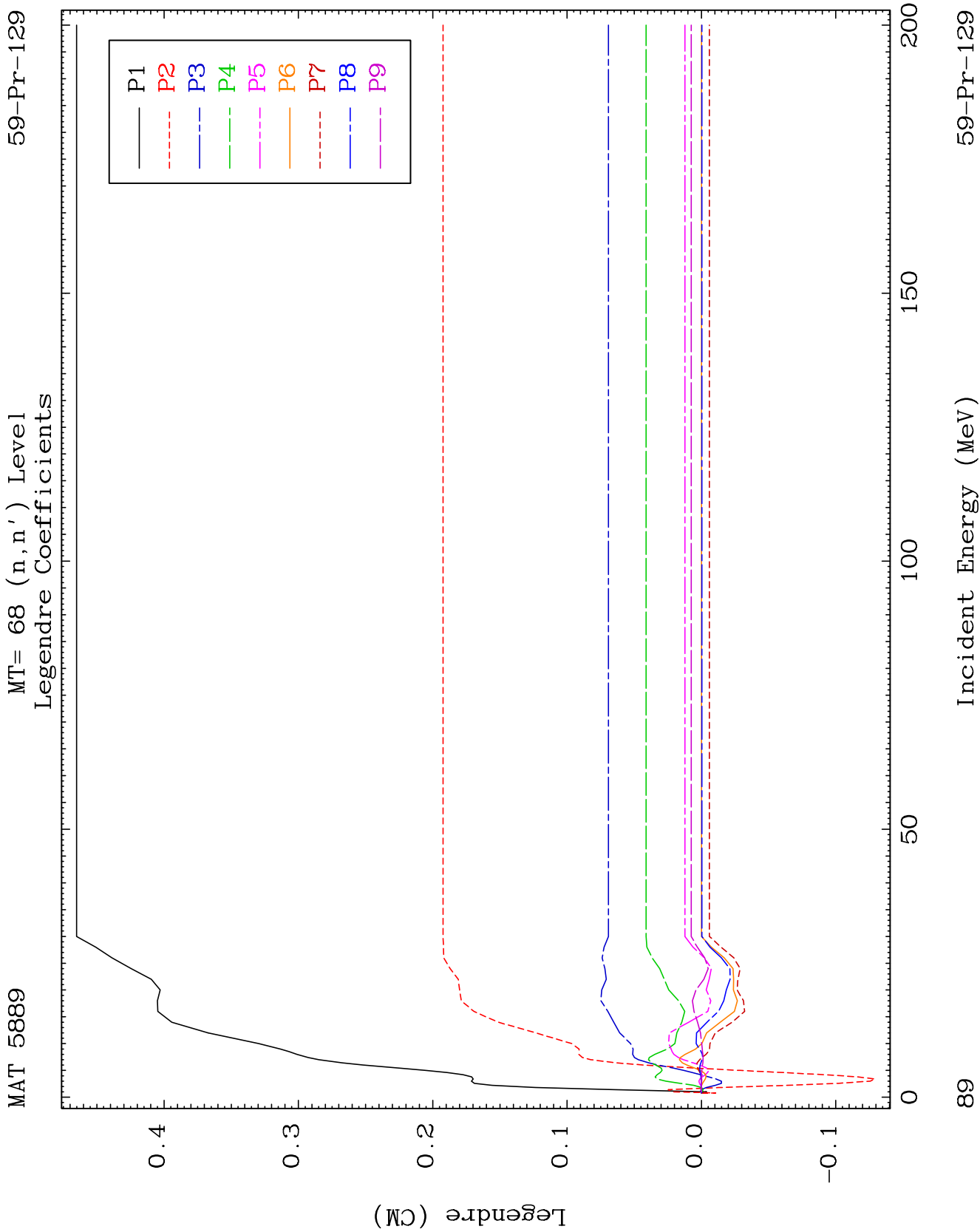
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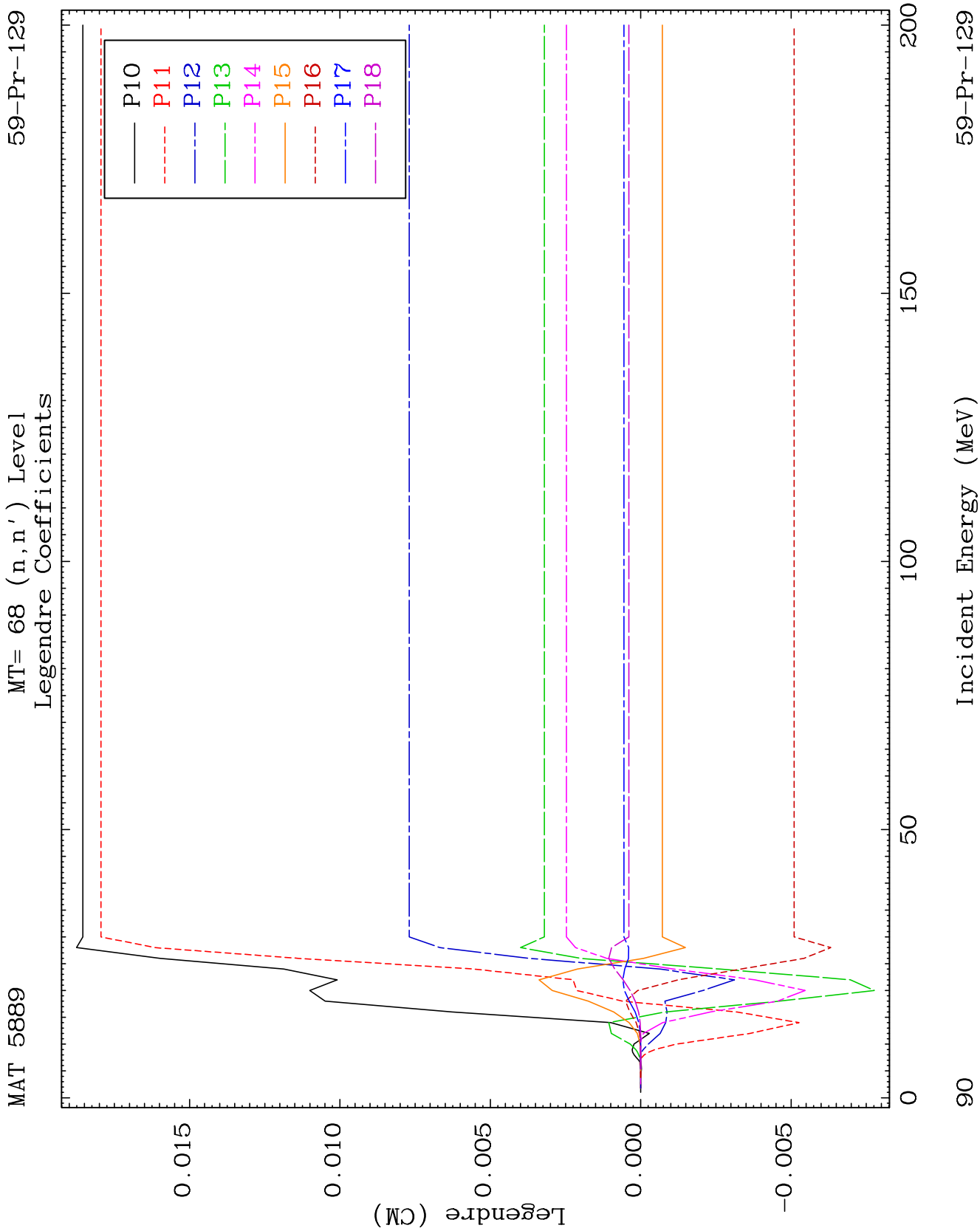


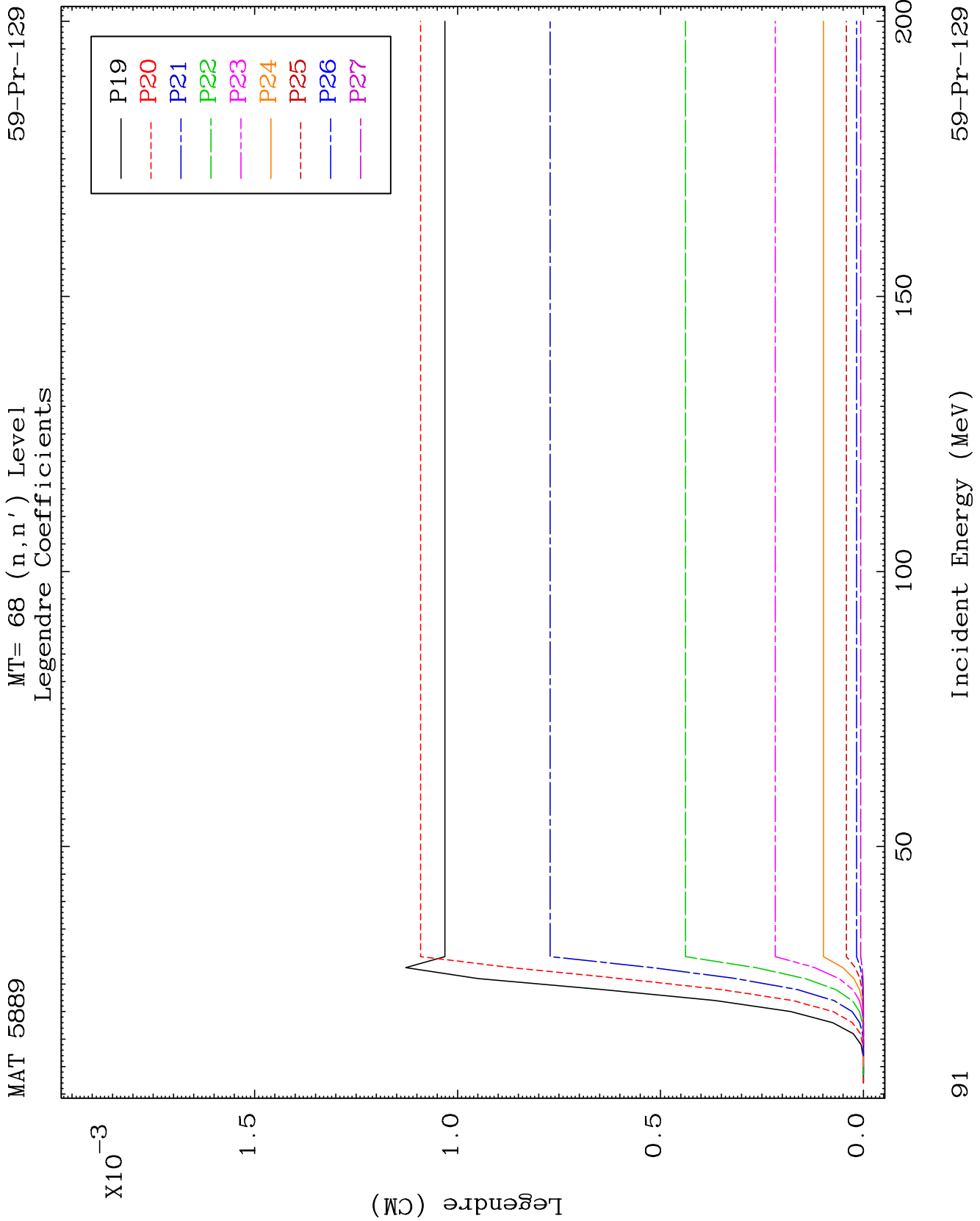


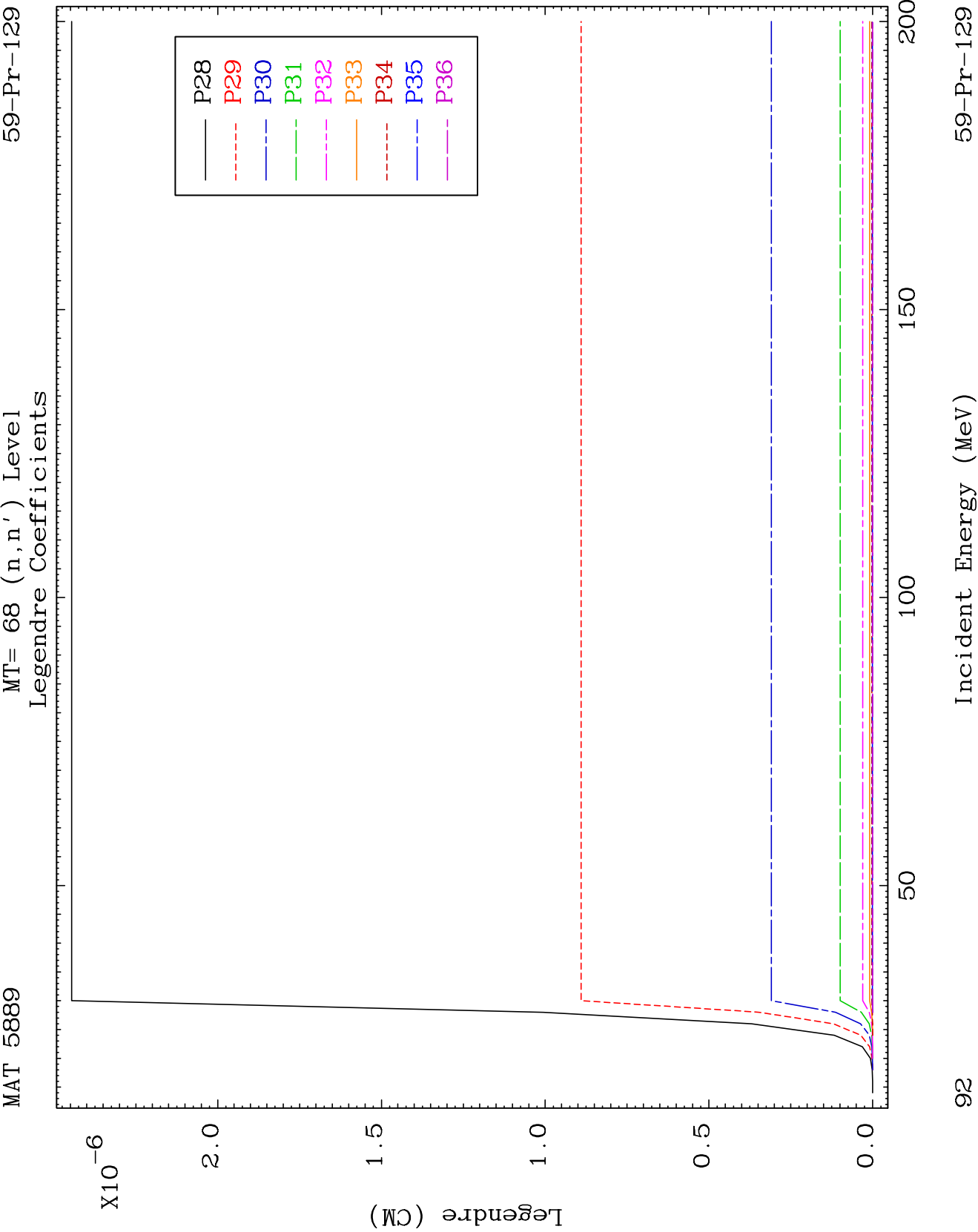


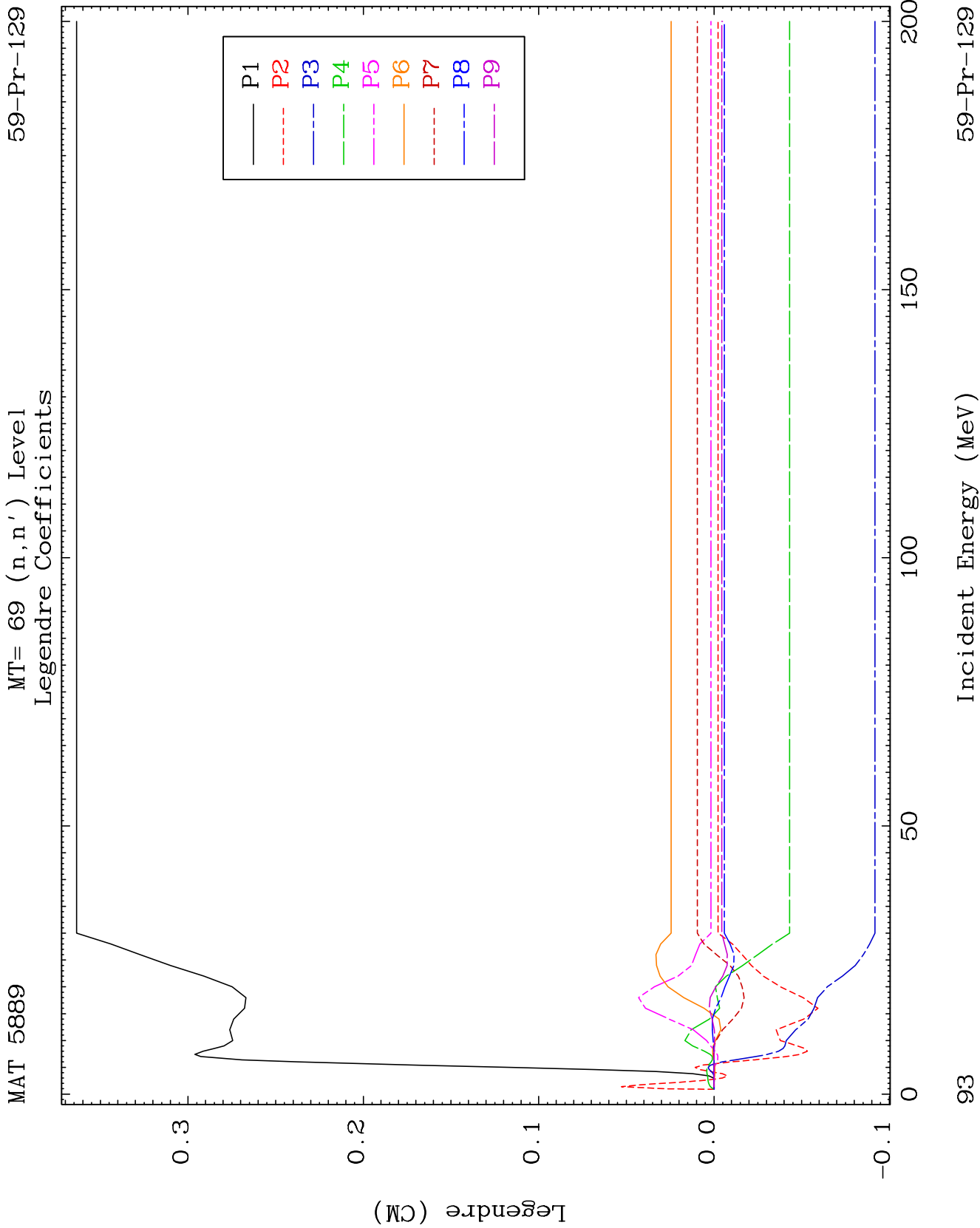








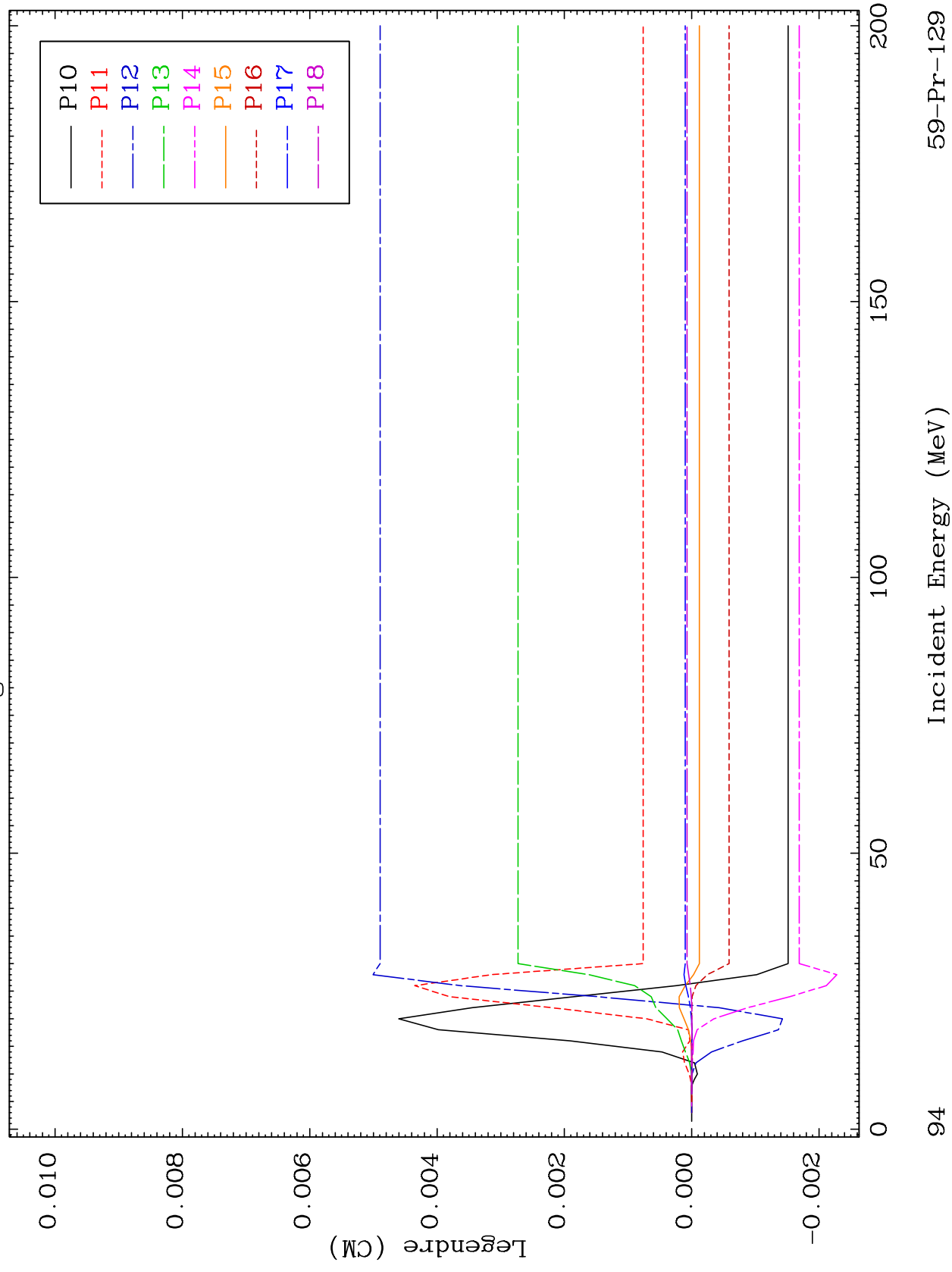


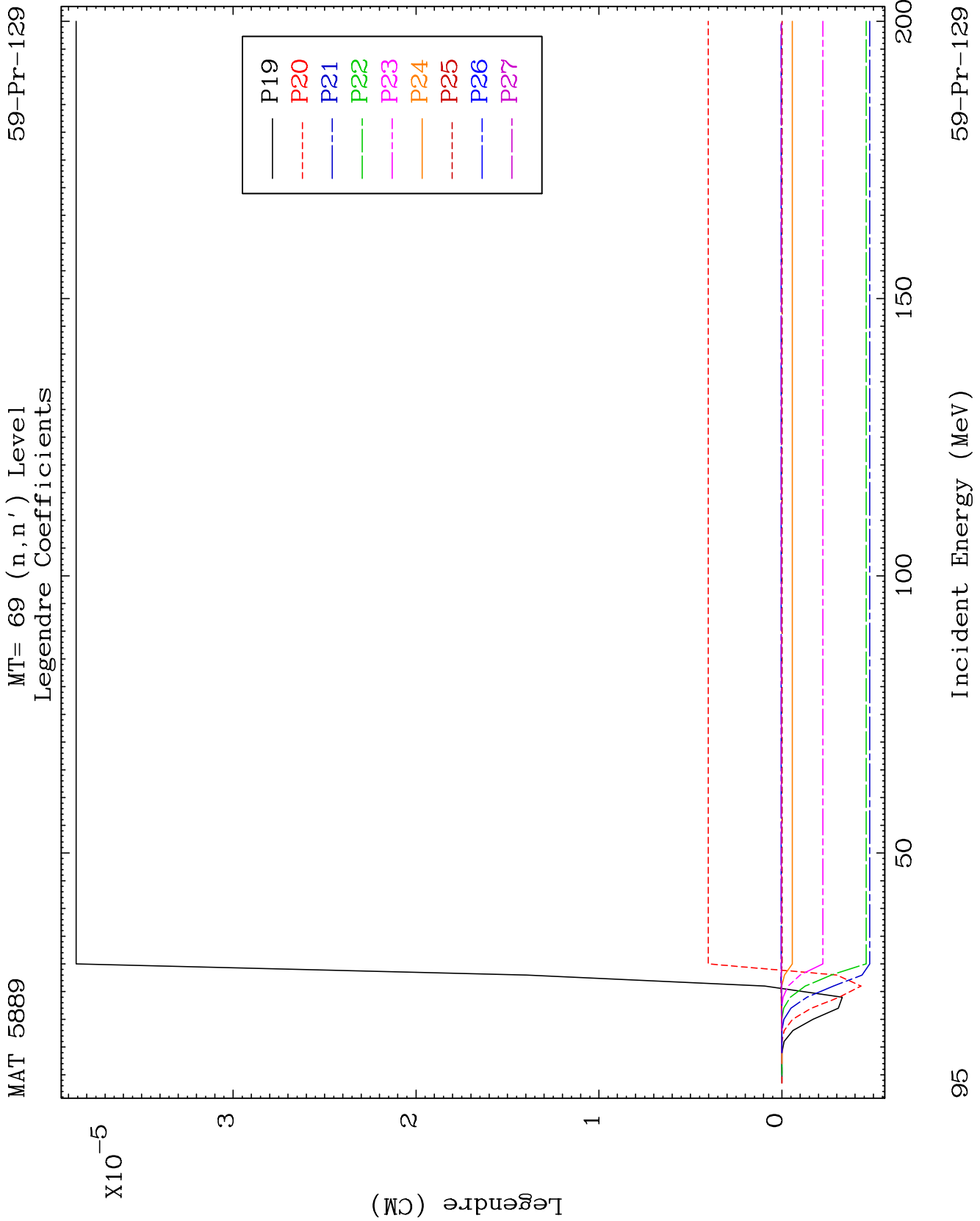


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MT= 69 (n, n') Level
Legendre Coefficients

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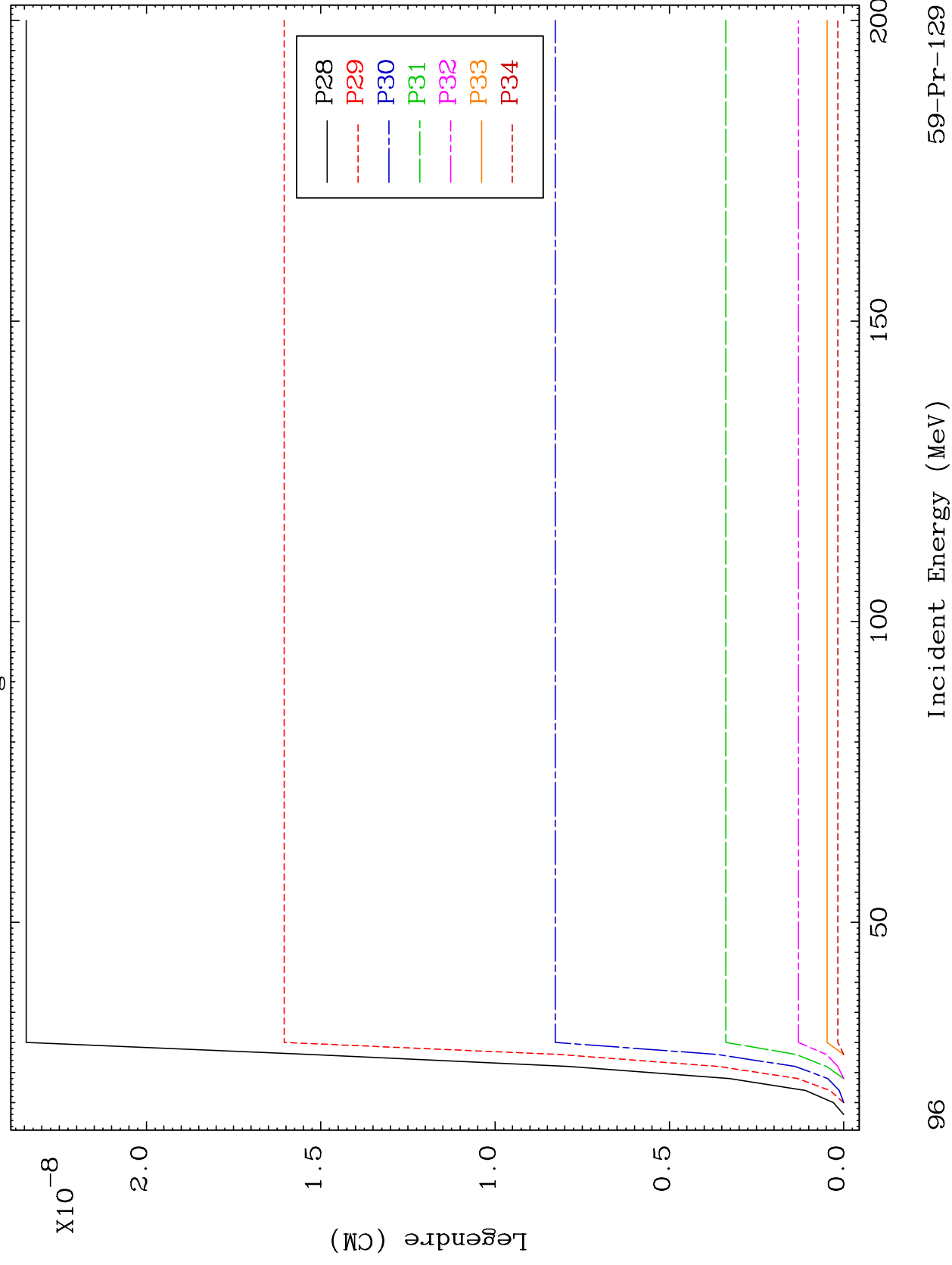


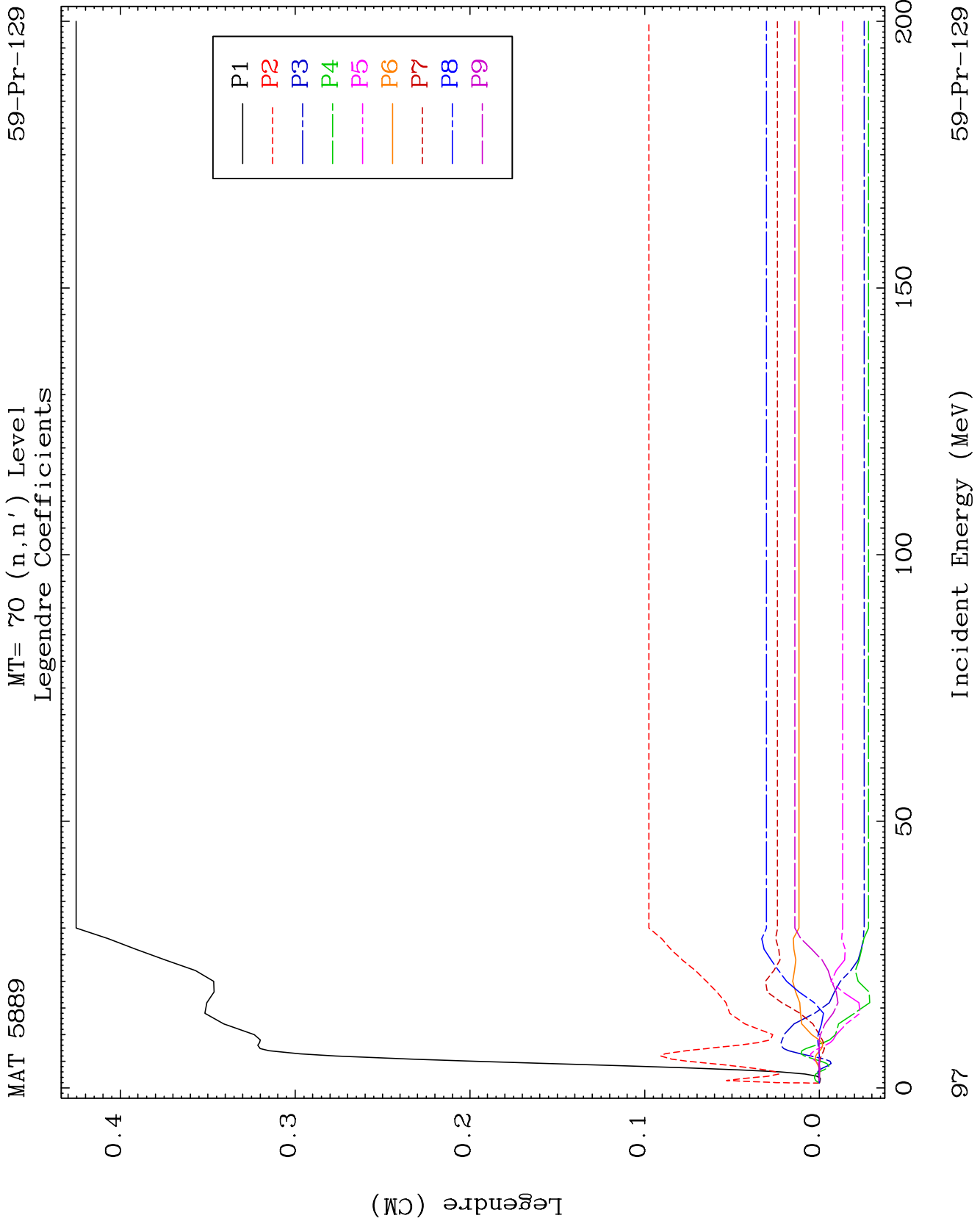


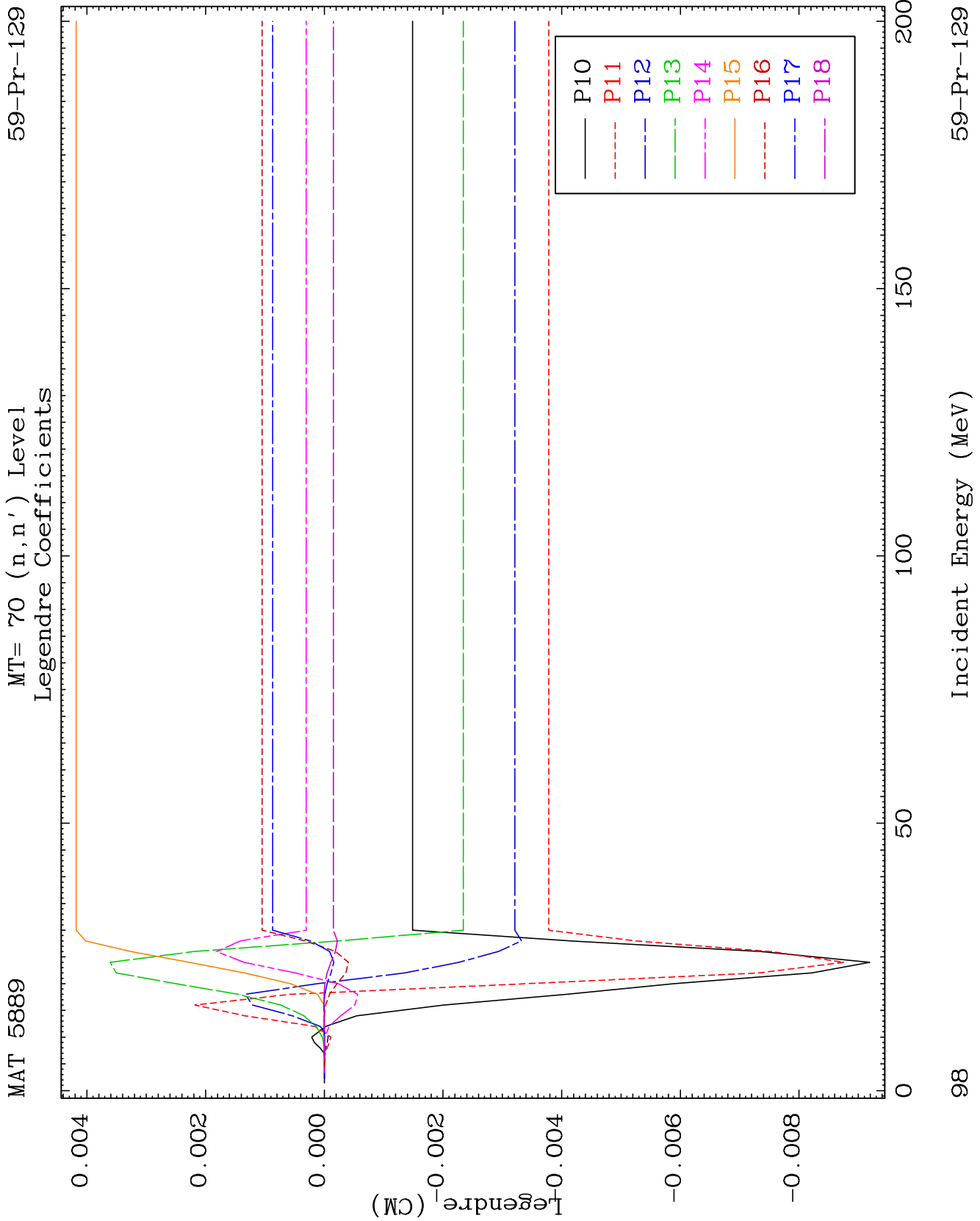
MAT 5889

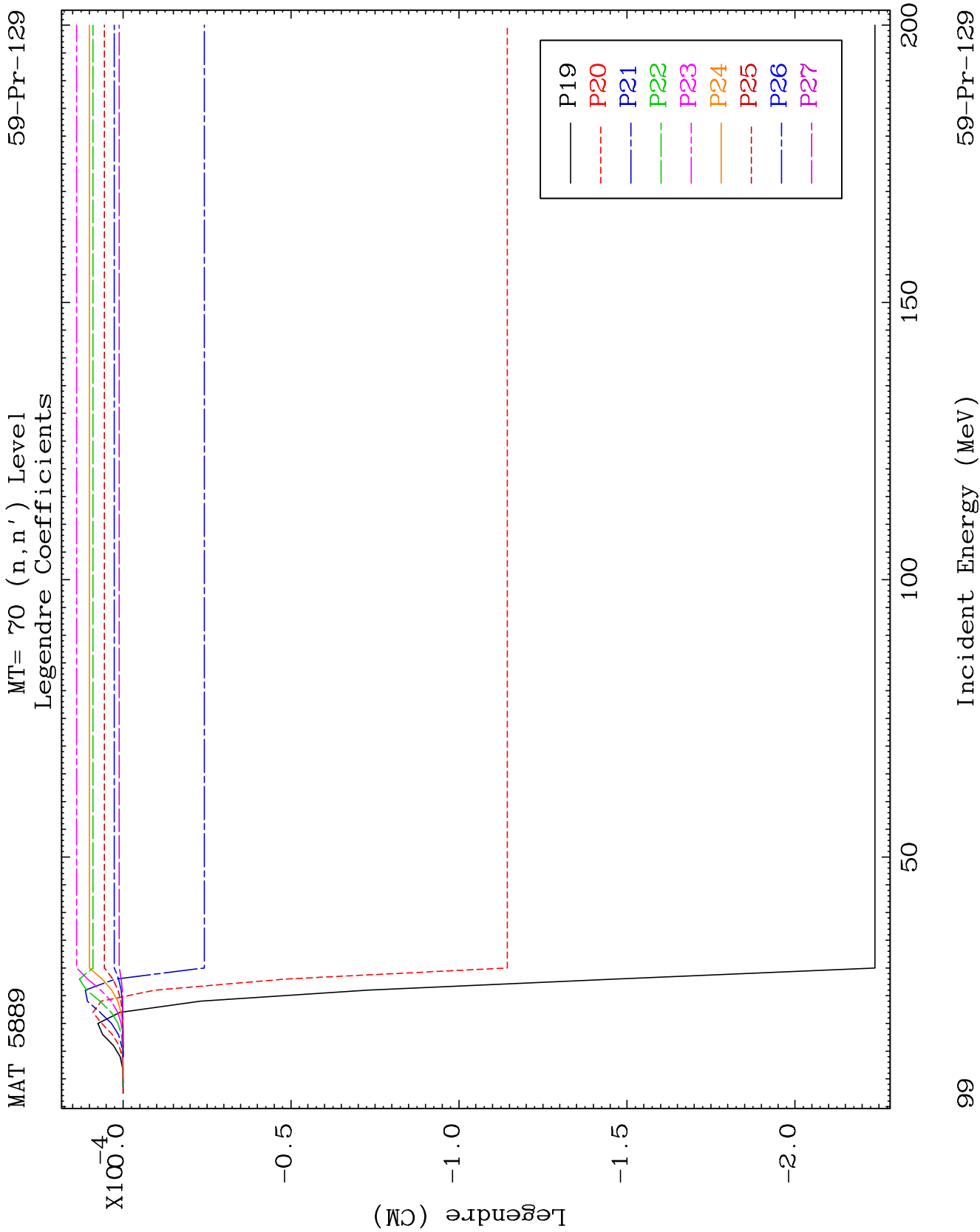
MT= 69 (n, n') Level
Legendre Coefficients

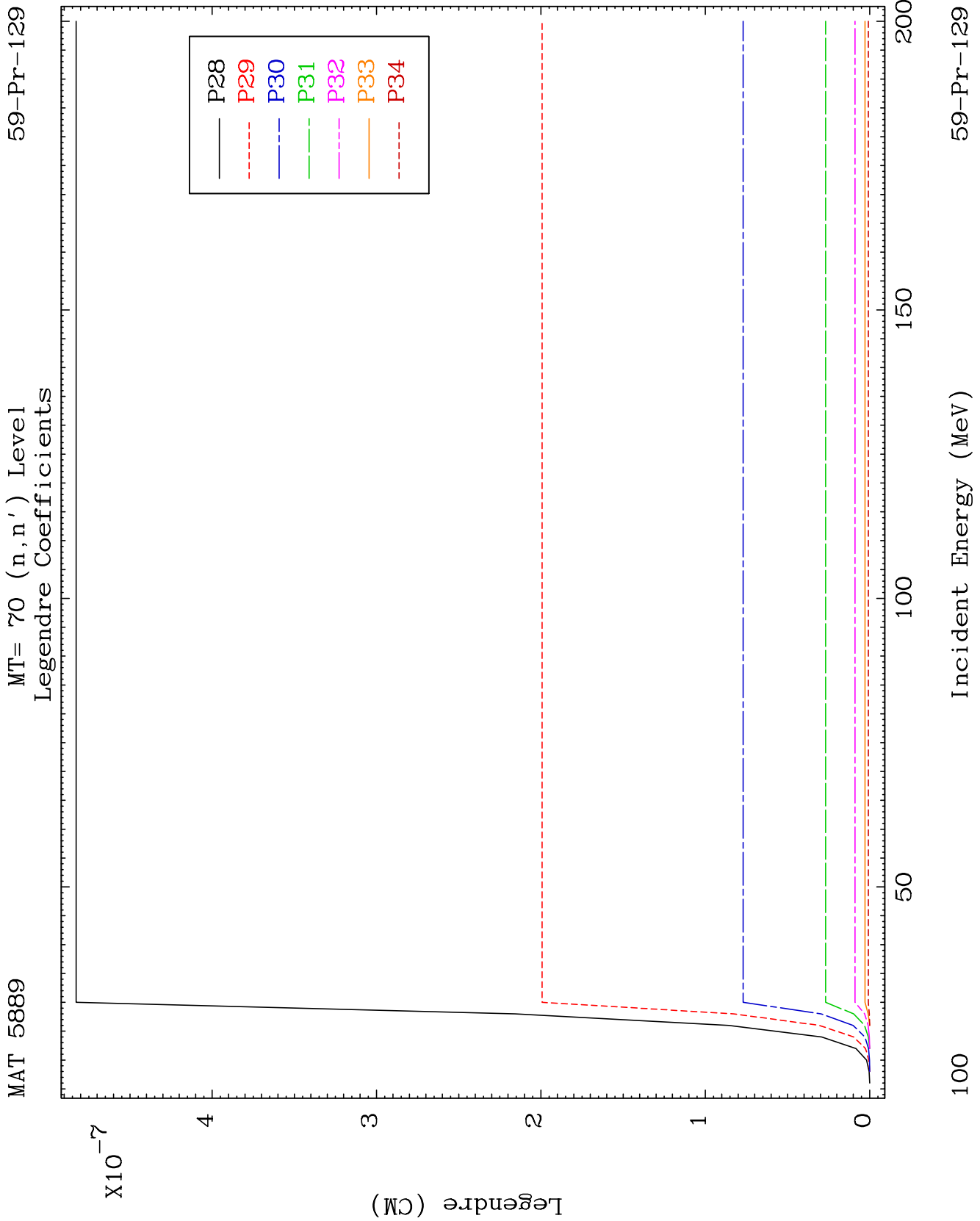
59-Pr-129







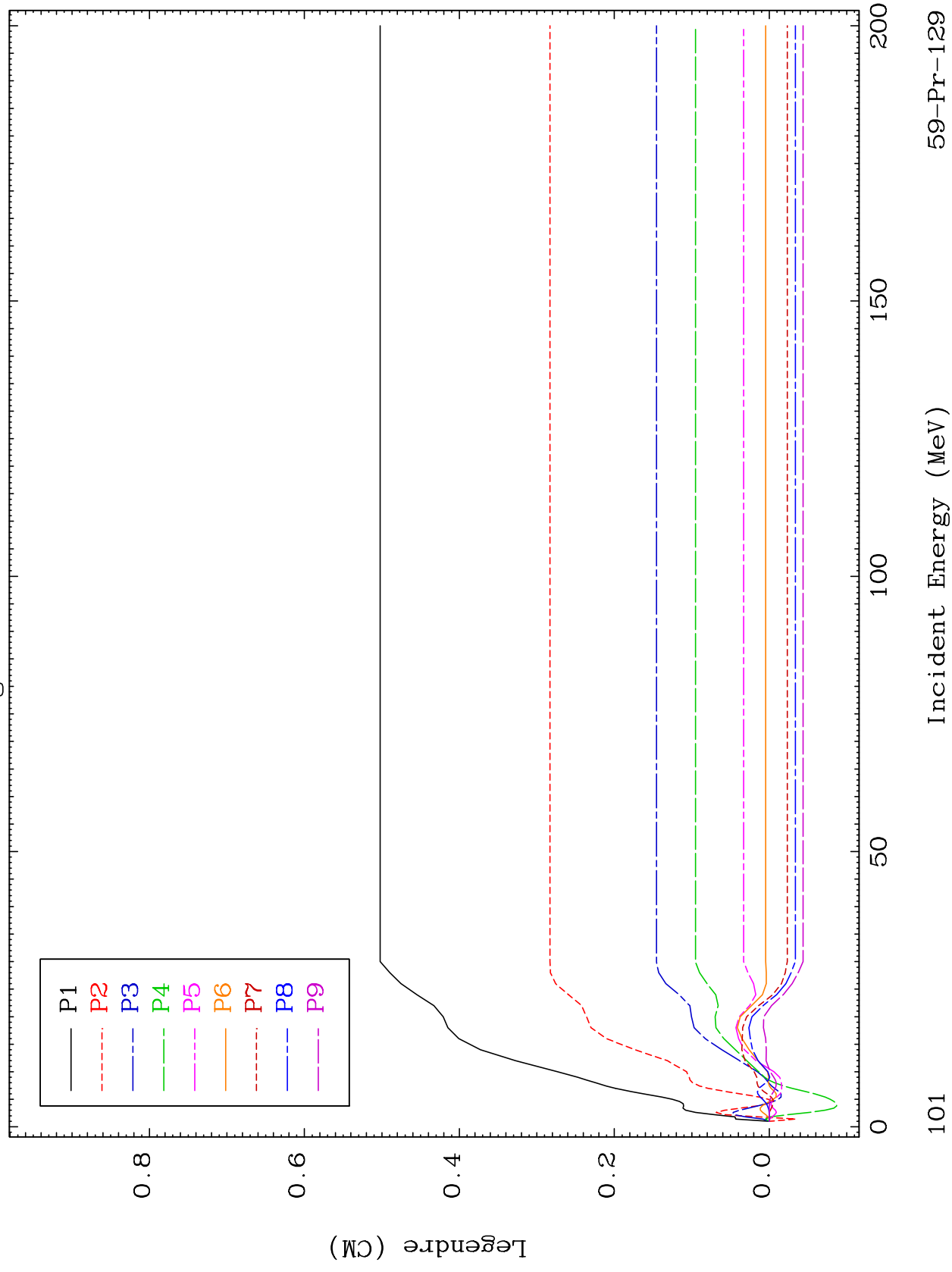


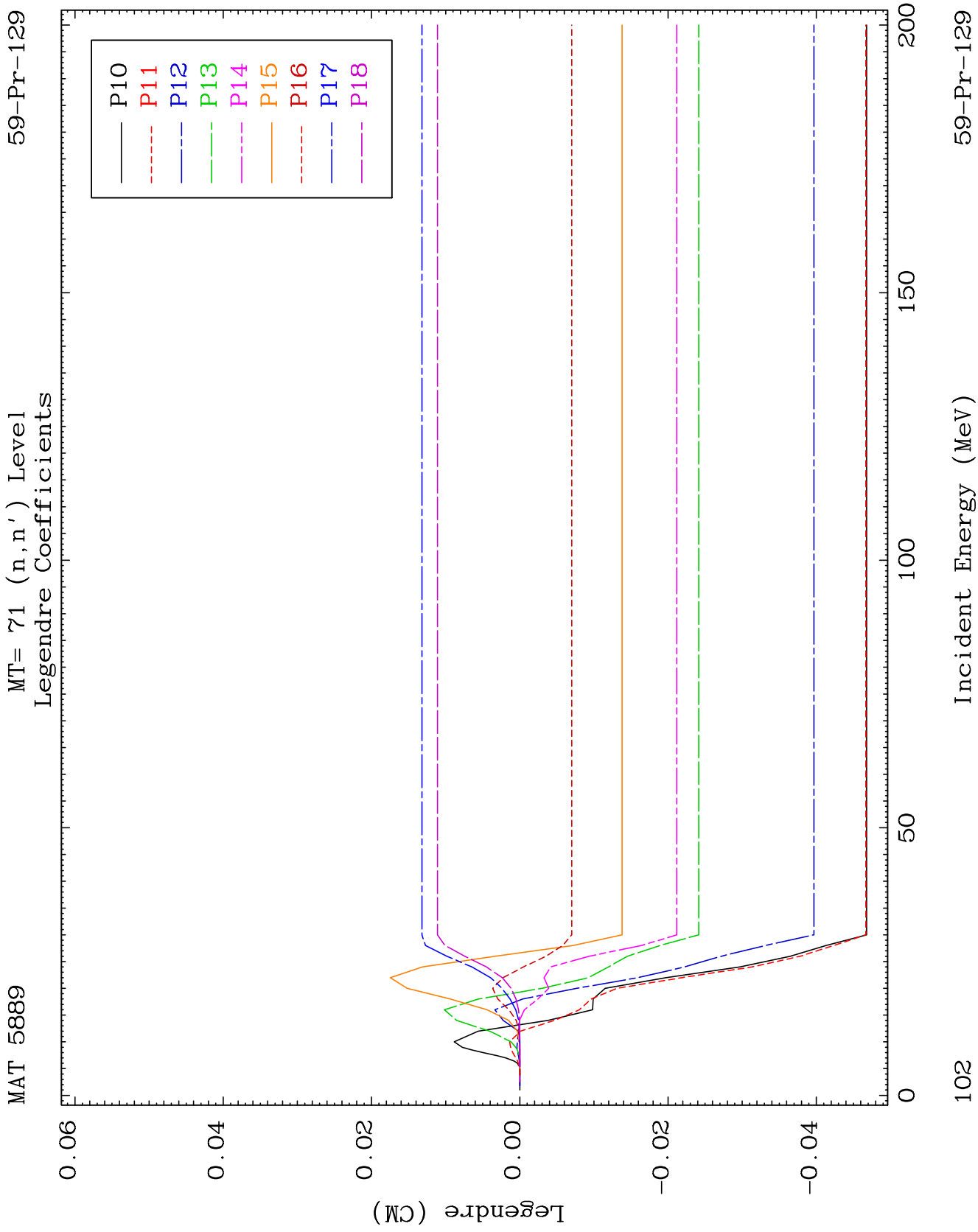


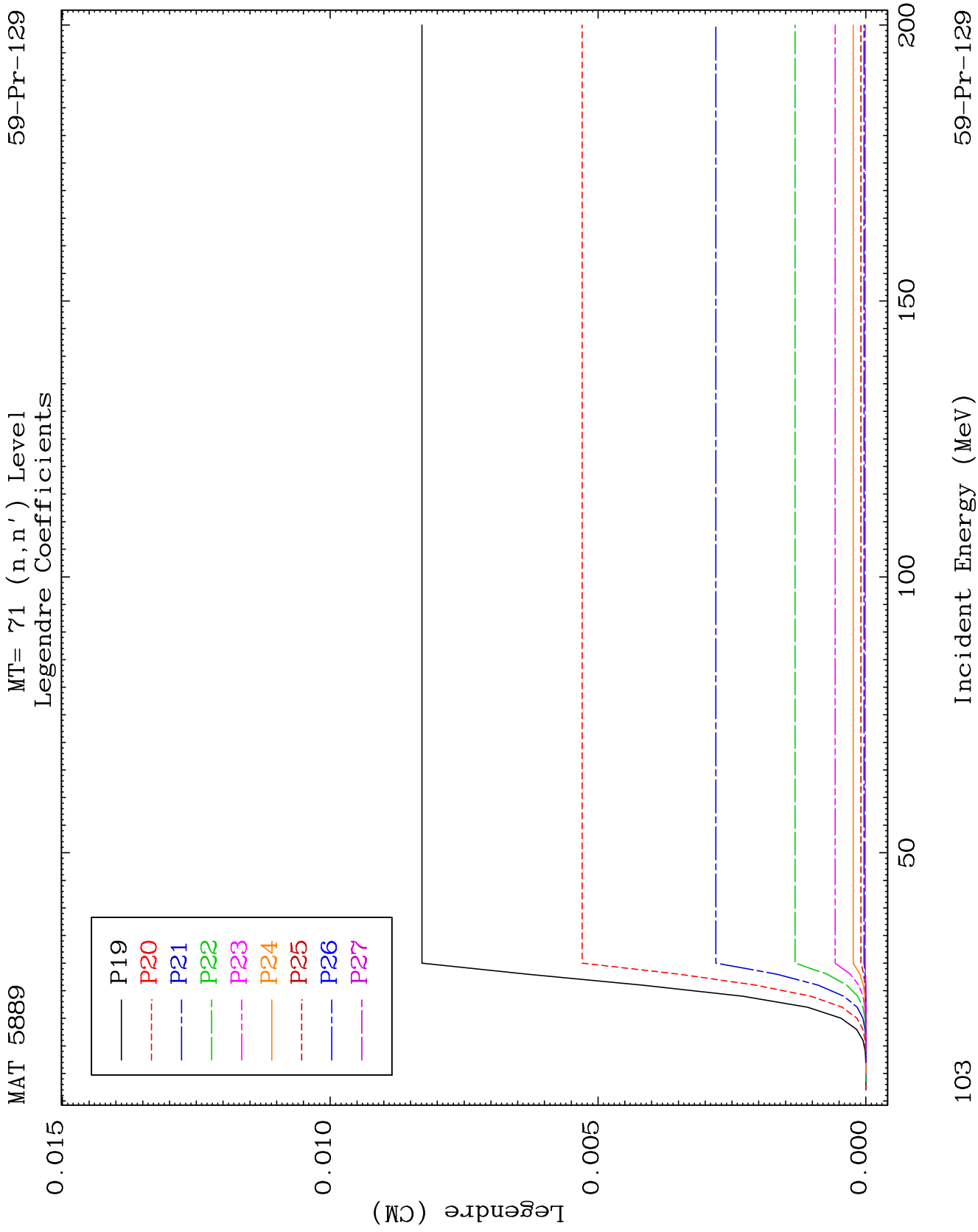
MAT 5889

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

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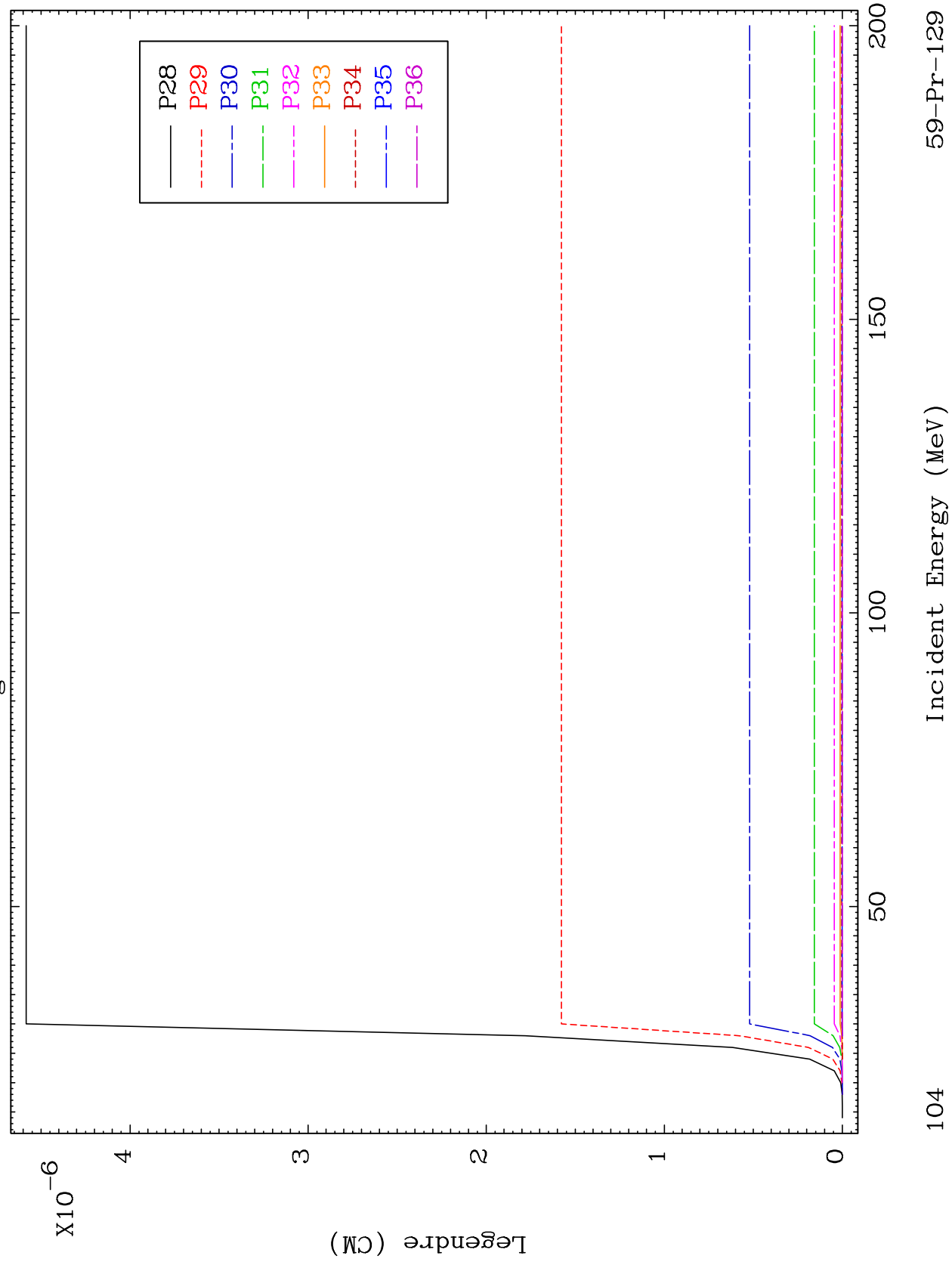




MAT 5889

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

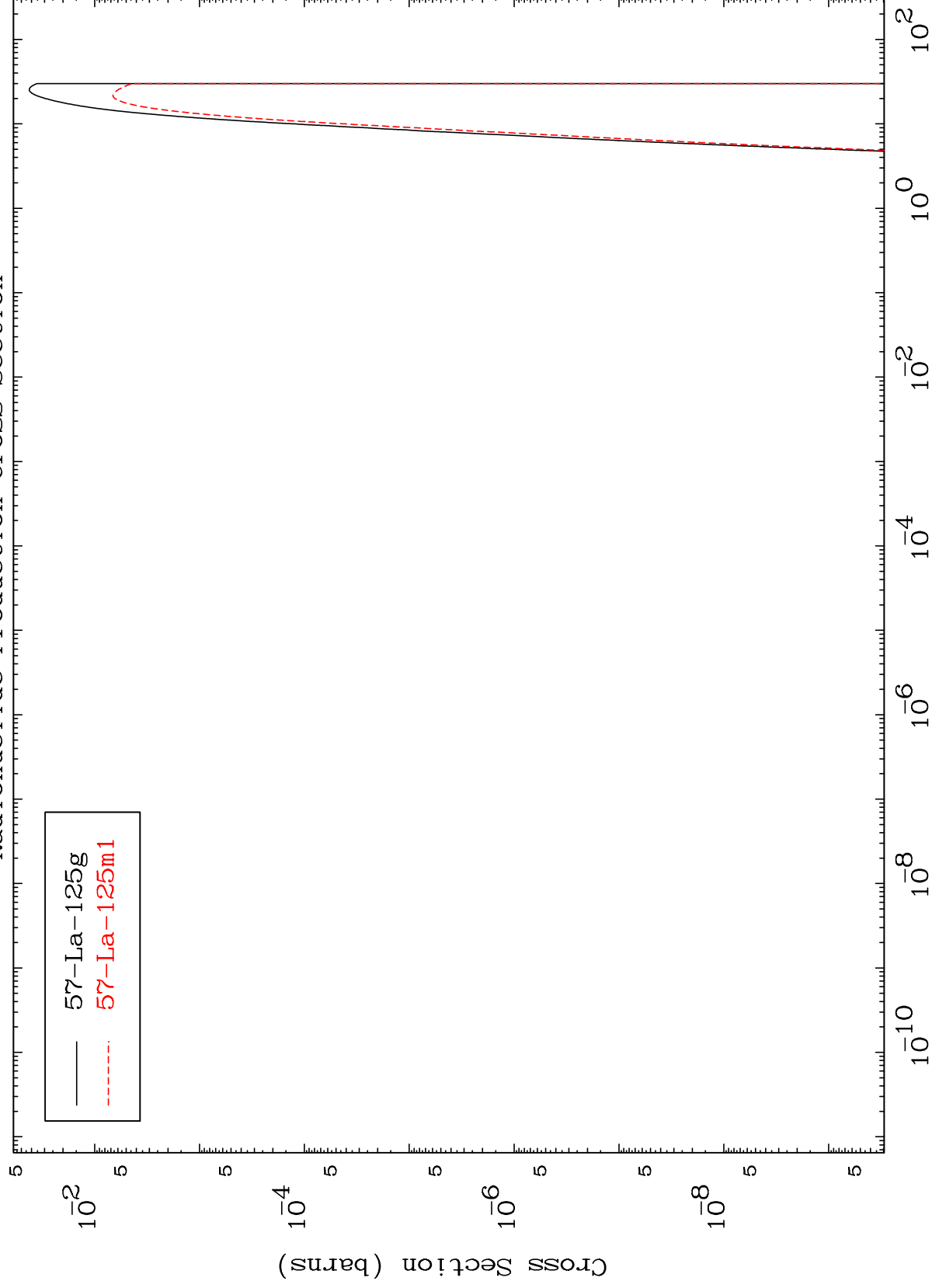
59-Pr-129



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59-Pr-129

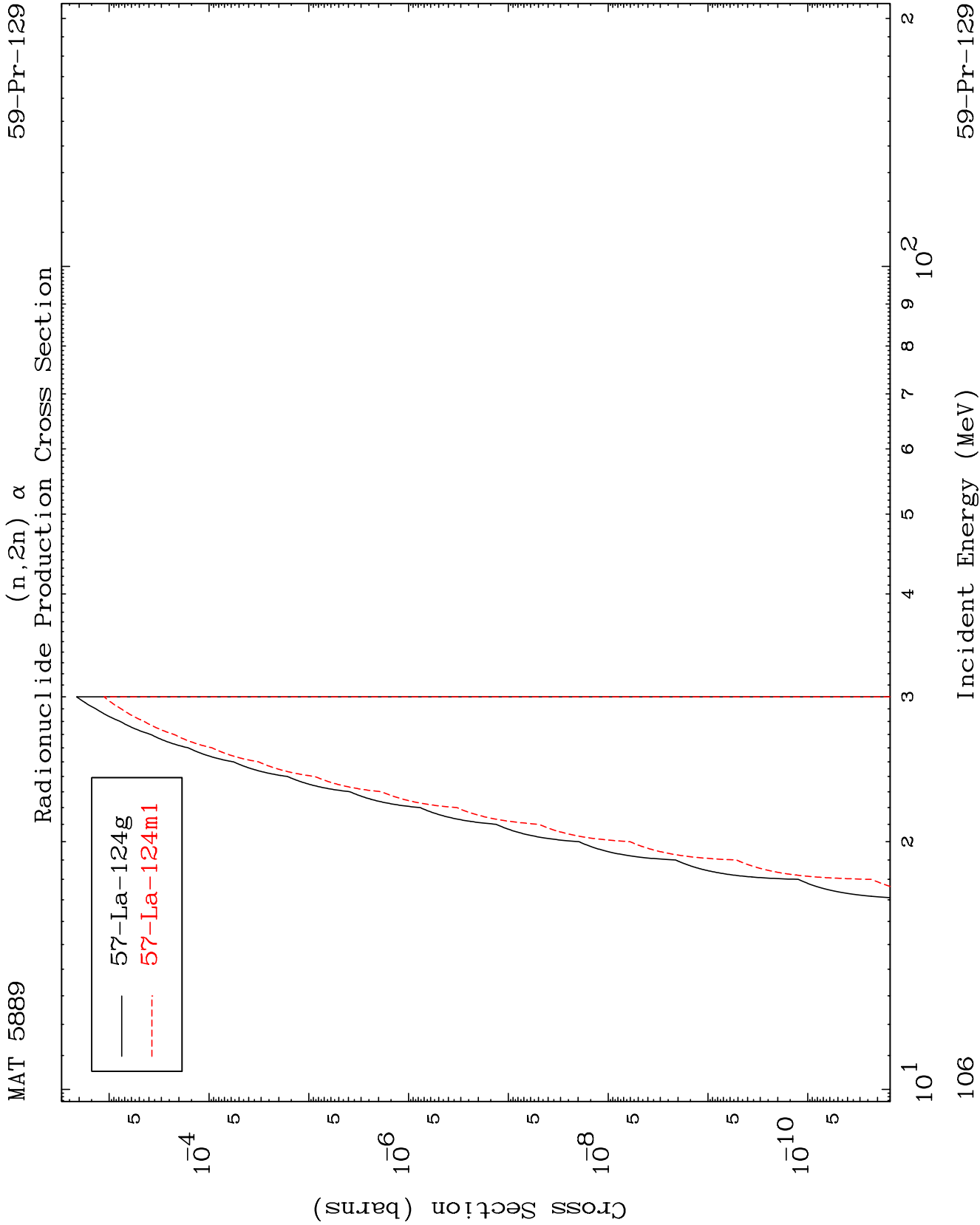
(n,n') α
Radionuclide Production Cross Section



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Incident Energy (MeV)

105

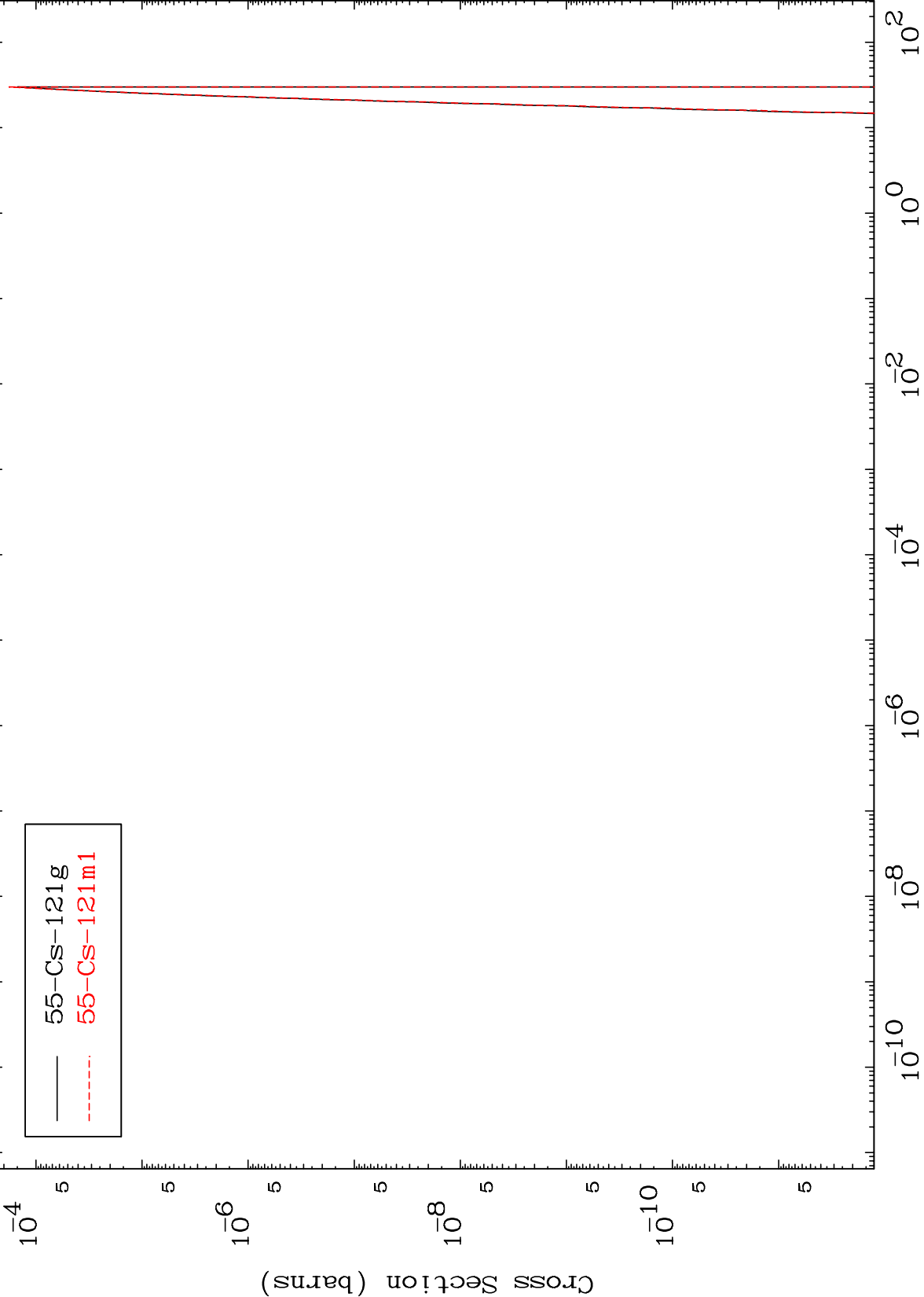


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(n,n') 2 α

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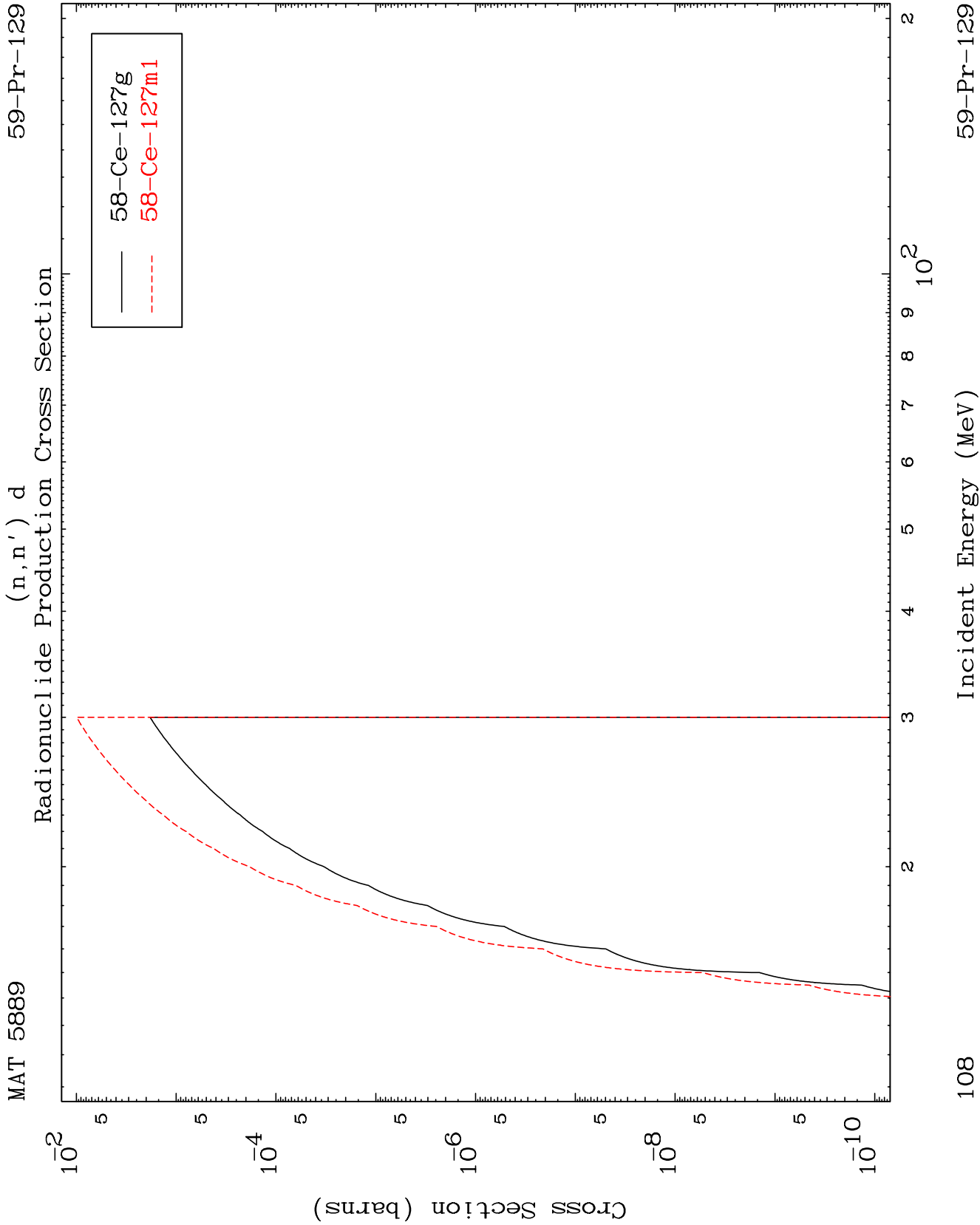
Radionuclide Production Cross Section

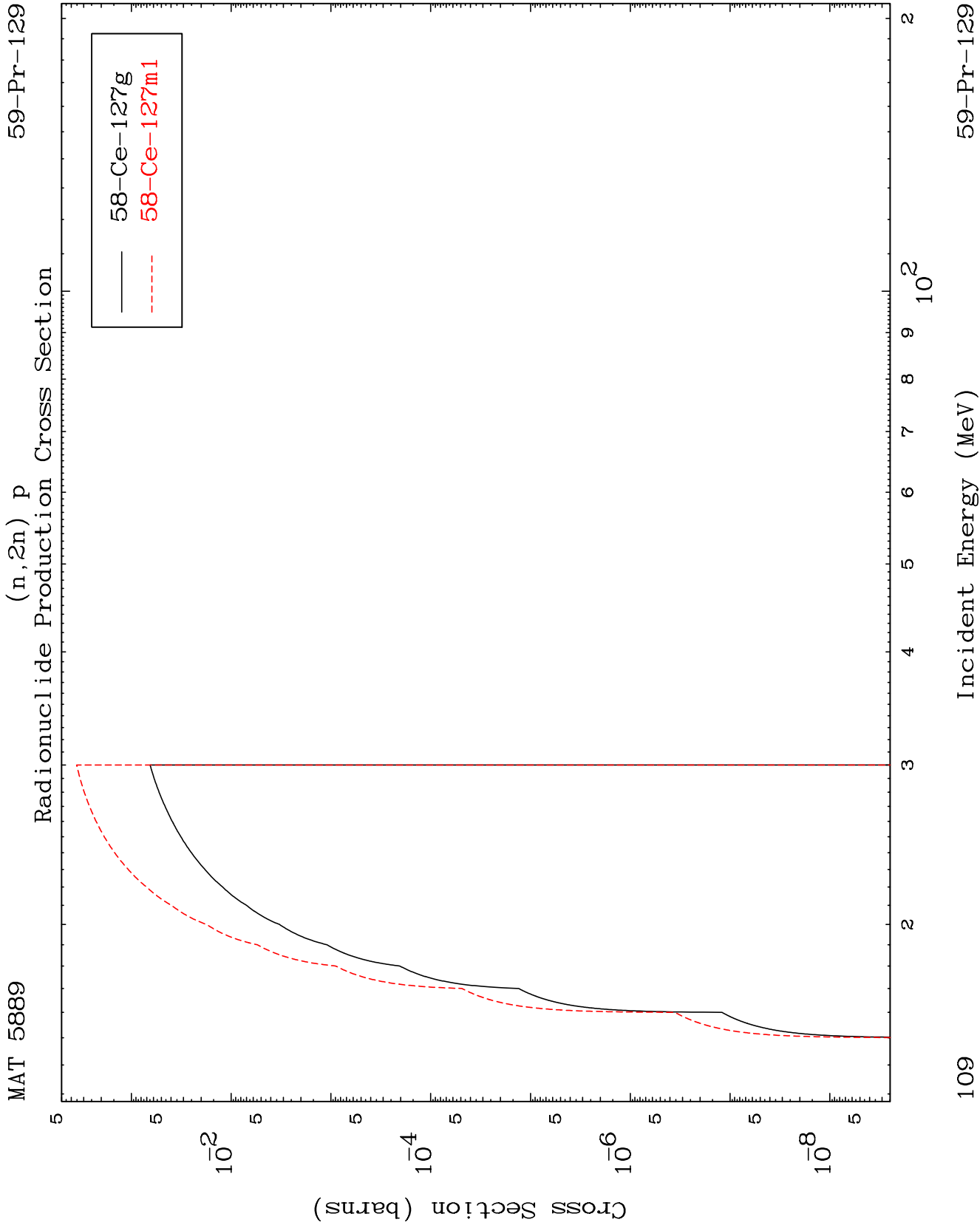


107

Incident Energy (MeV)

59-Pr-129

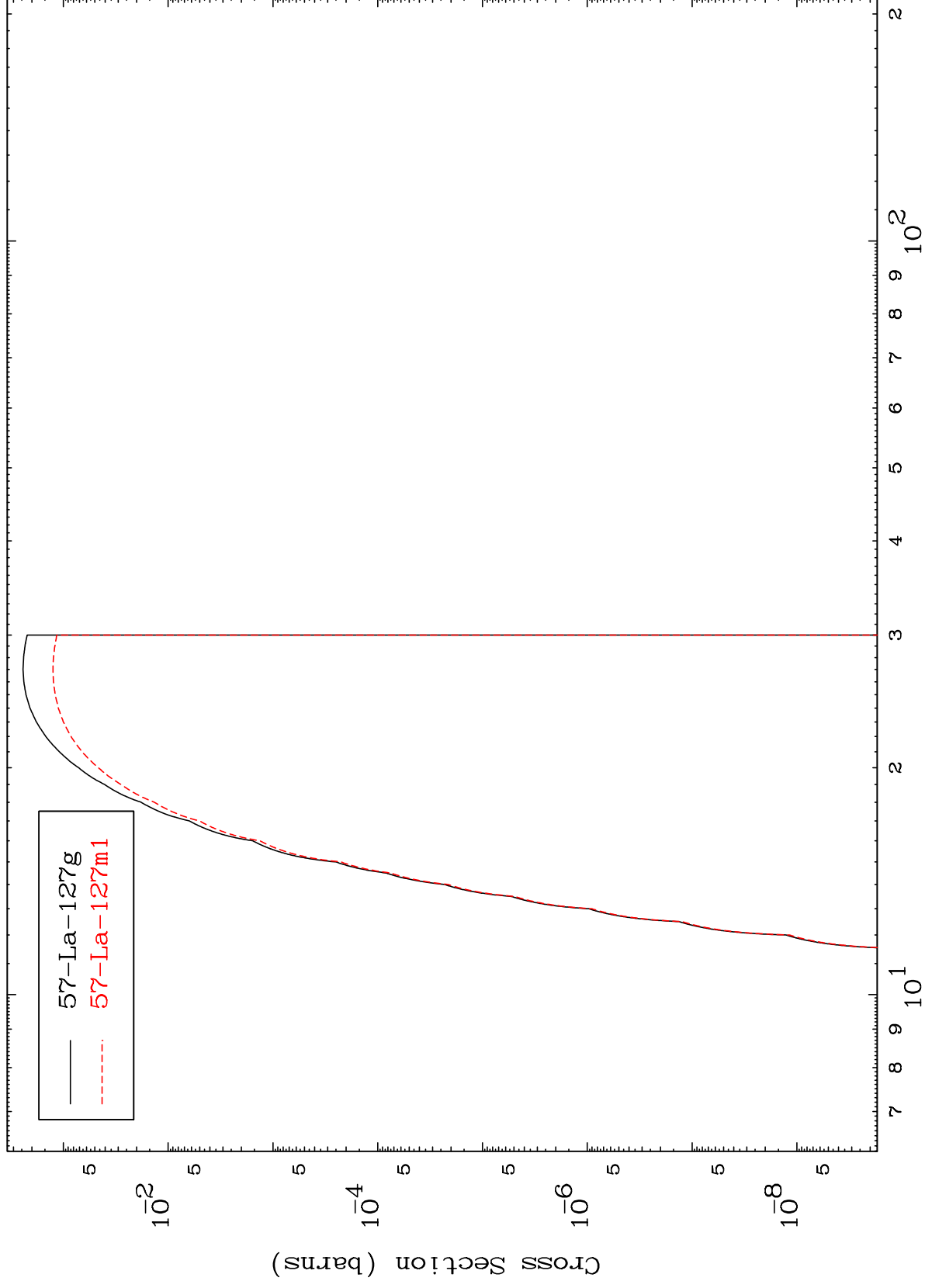




MAT 5889

59-Pr-129

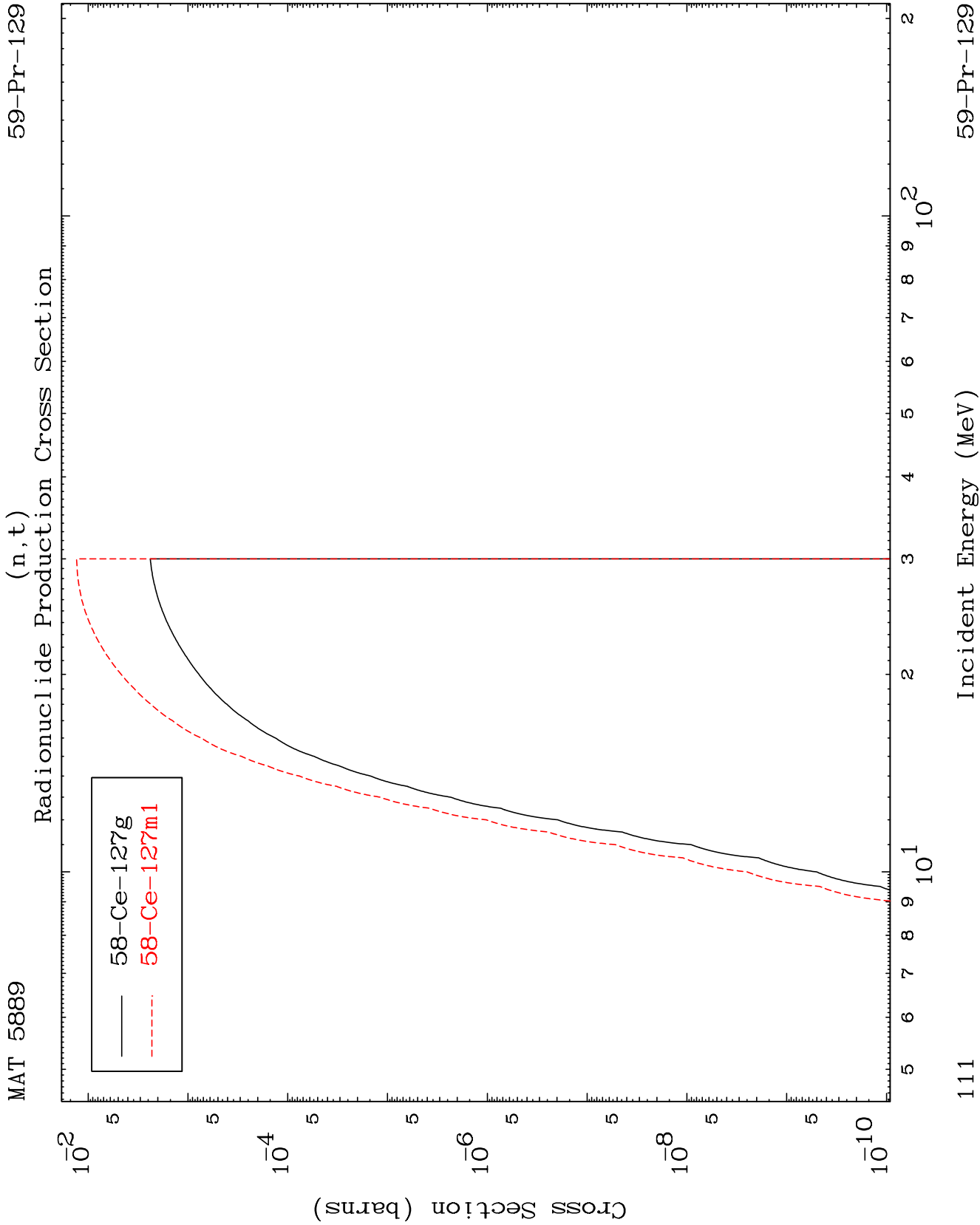
(n,2n) p
Radionuclide Production Cross Section

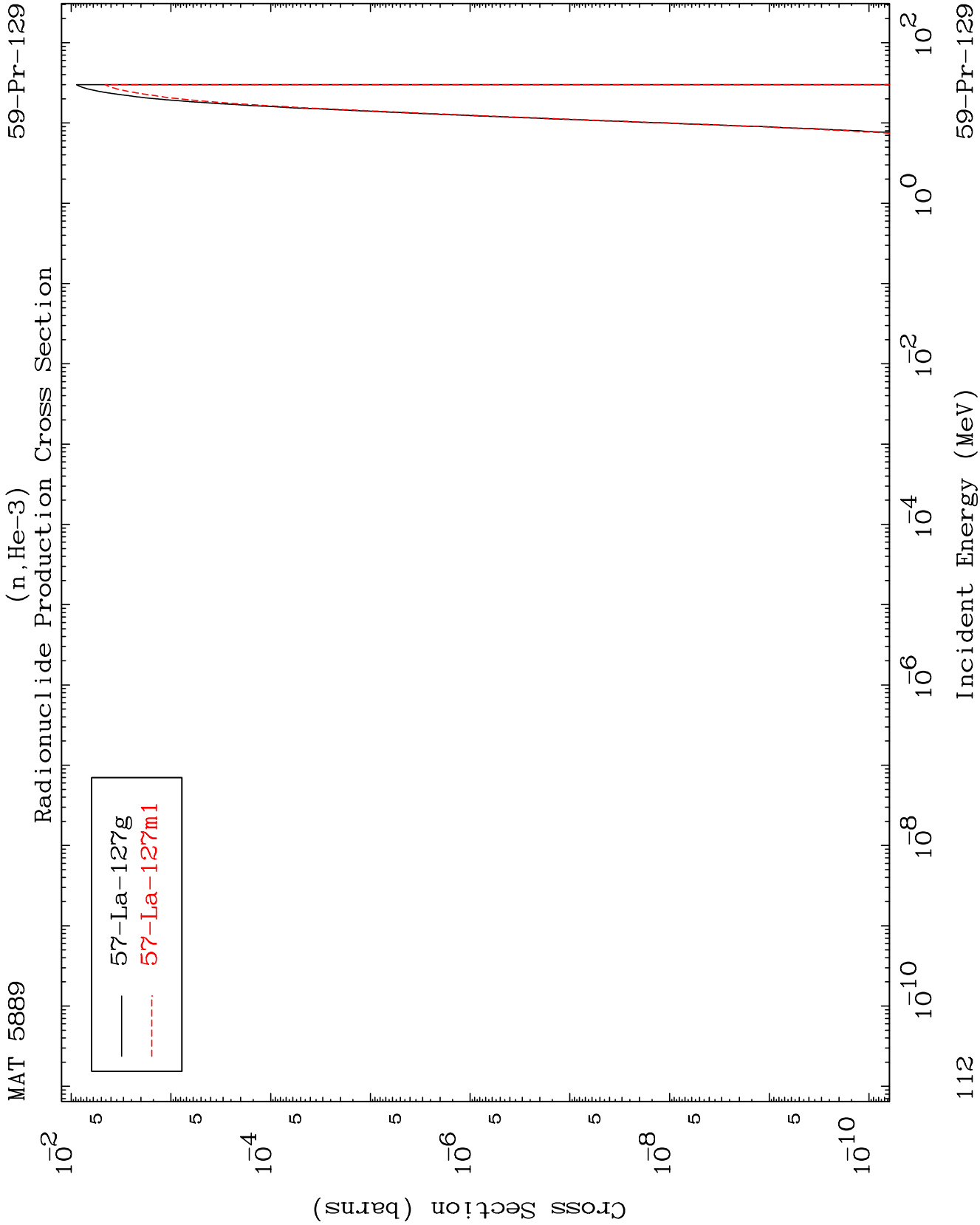


110

Incident Energy (MeV)

59-Pr-129

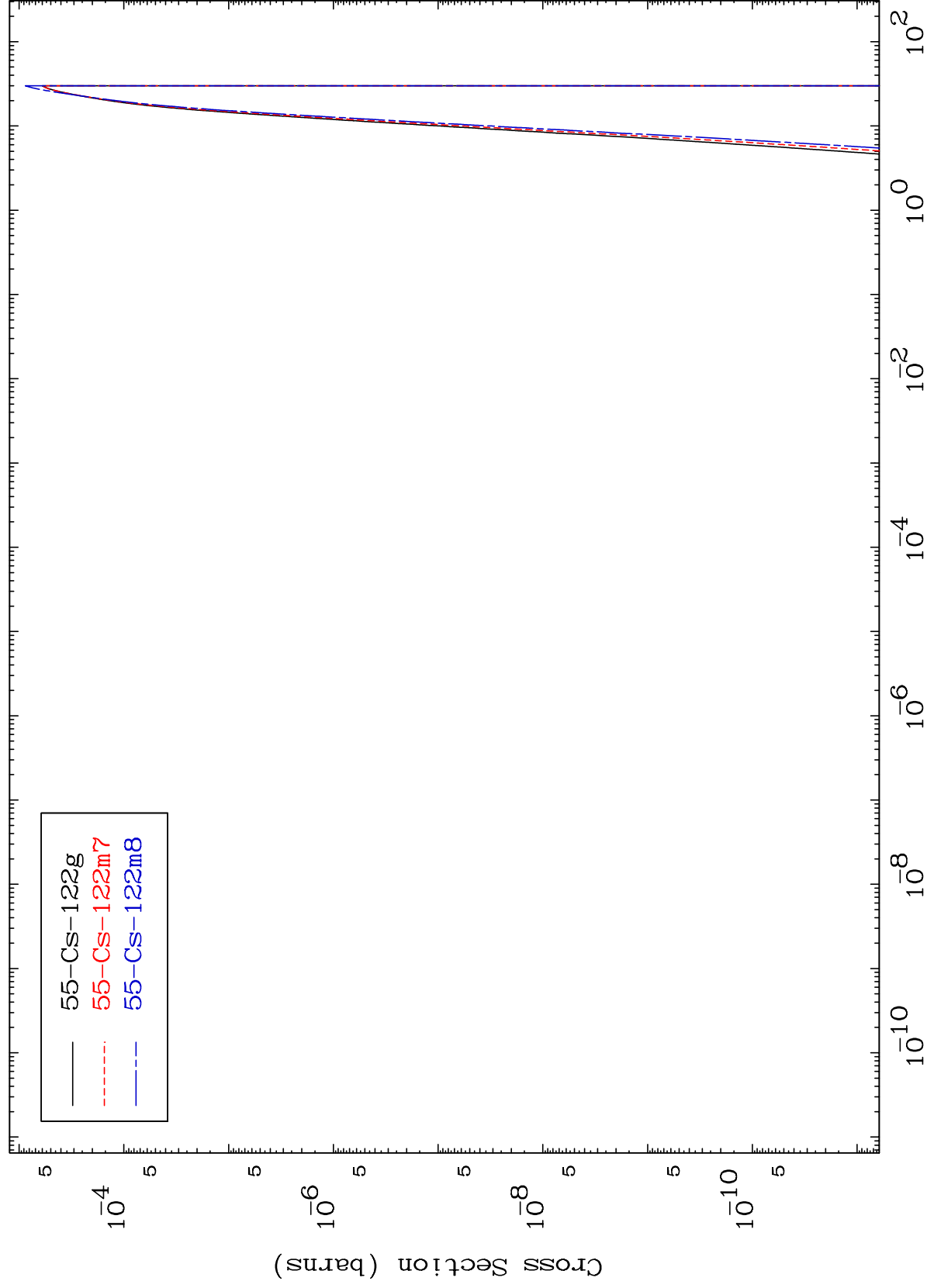




MAT 5889

59-Pr-129

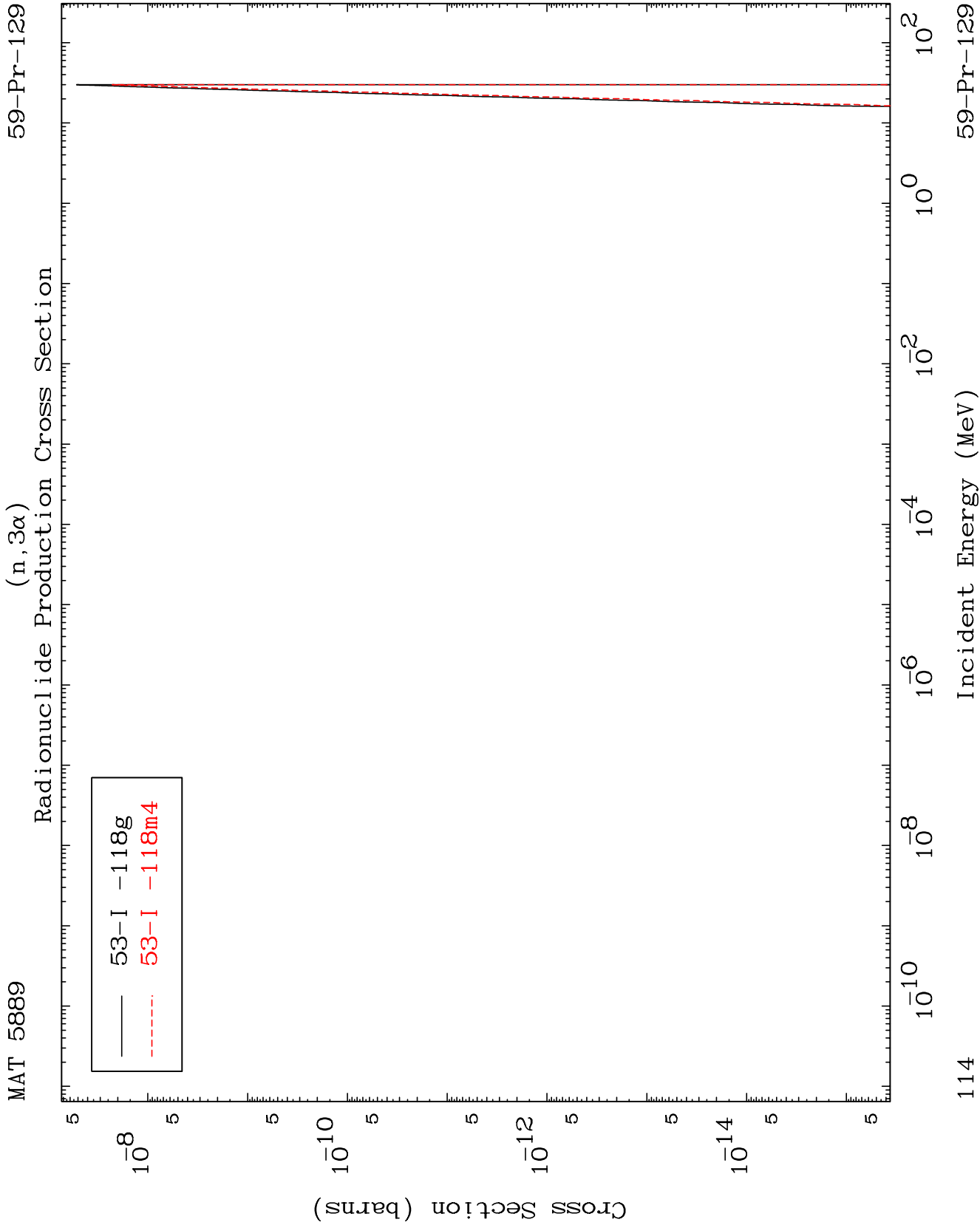
(n,2α)
Radionuclide Production Cross Section



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Incident Energy (MeV)

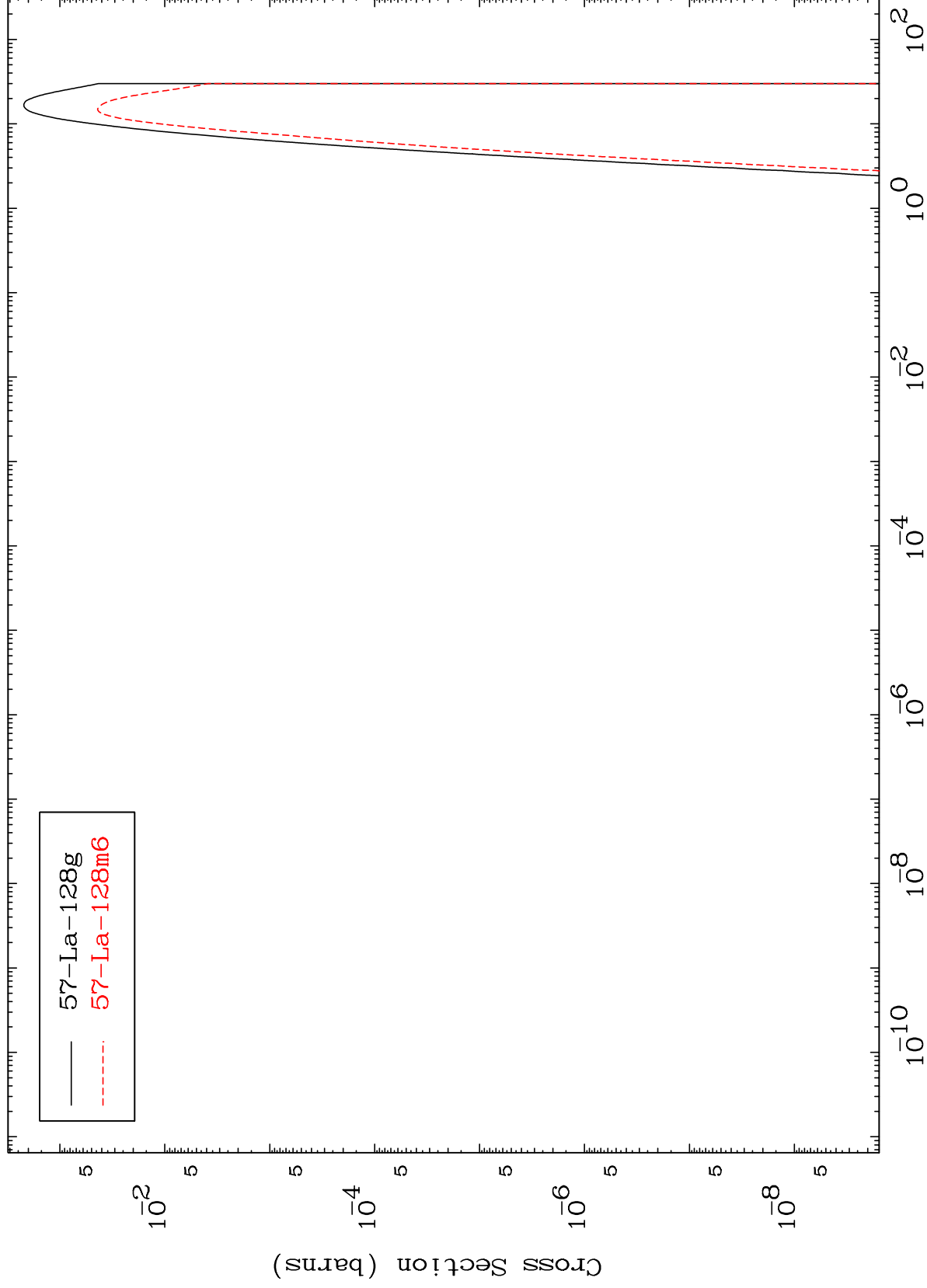
113



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(n,2p)
Radionuclide Production Cross Section



59-Pr-129

Incident Energy (MeV)

115

