

Program EVALPLOT
(Version 2021-1)

by

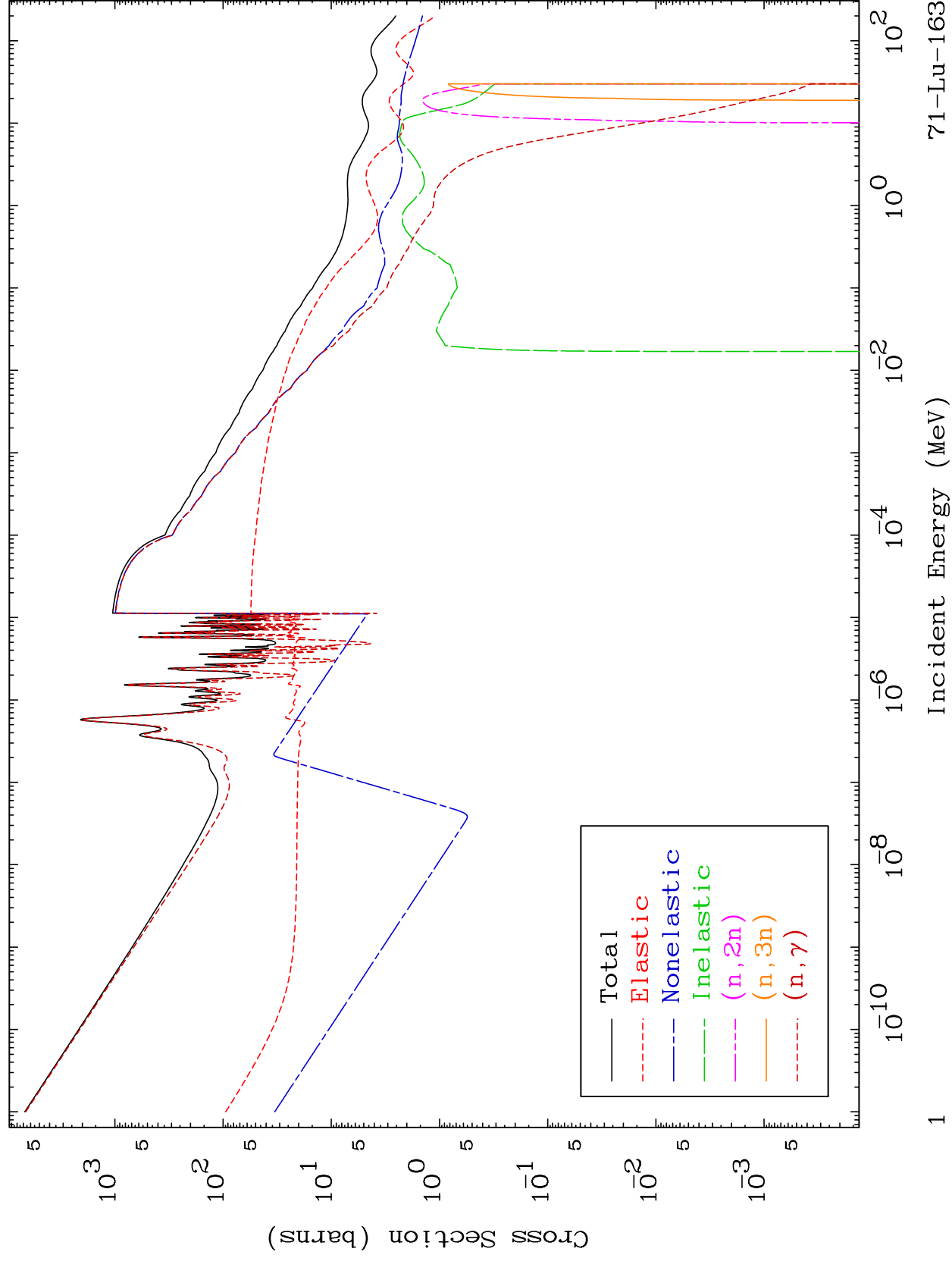
Dermott E. Cullen
(Present Contact Information)

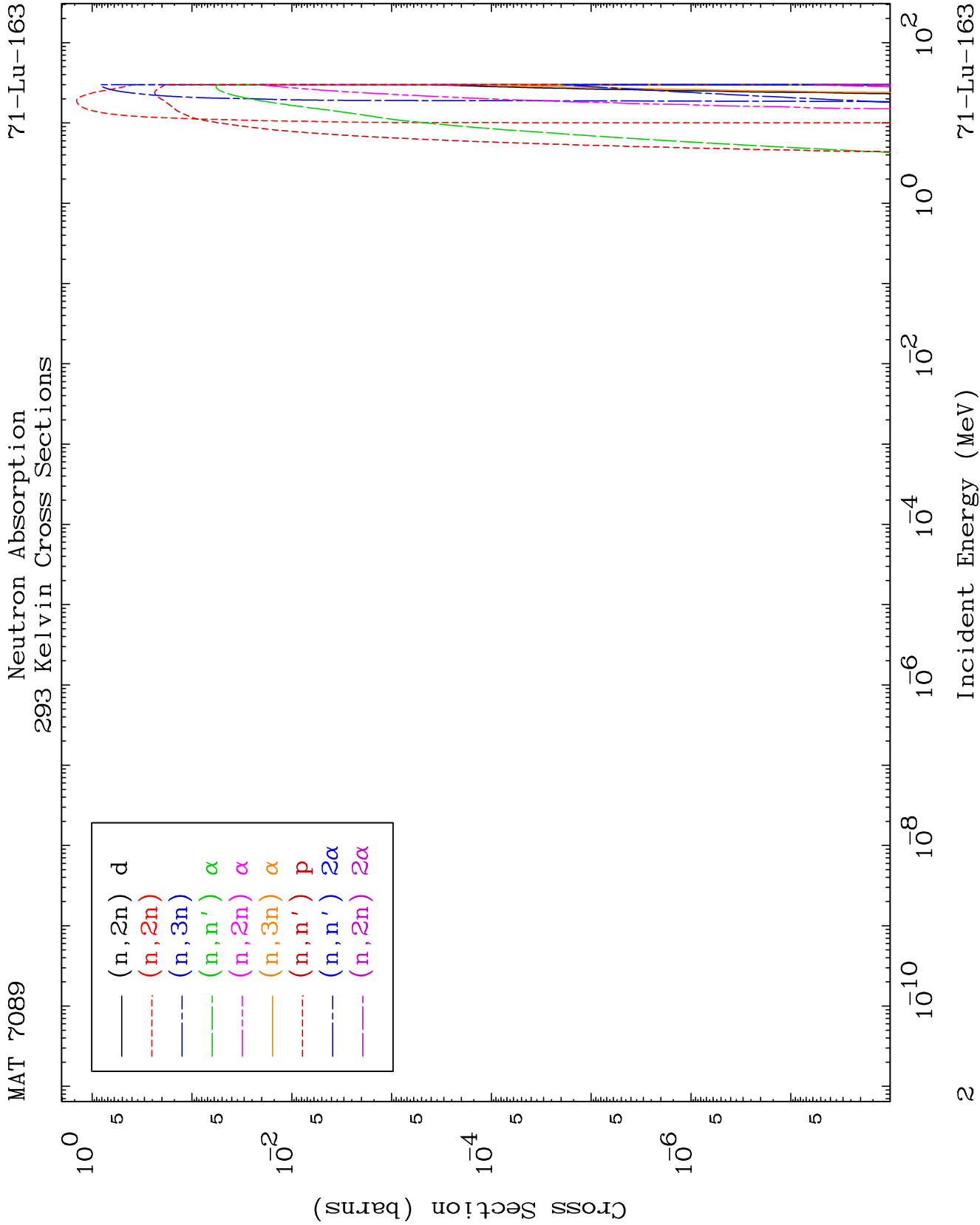
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

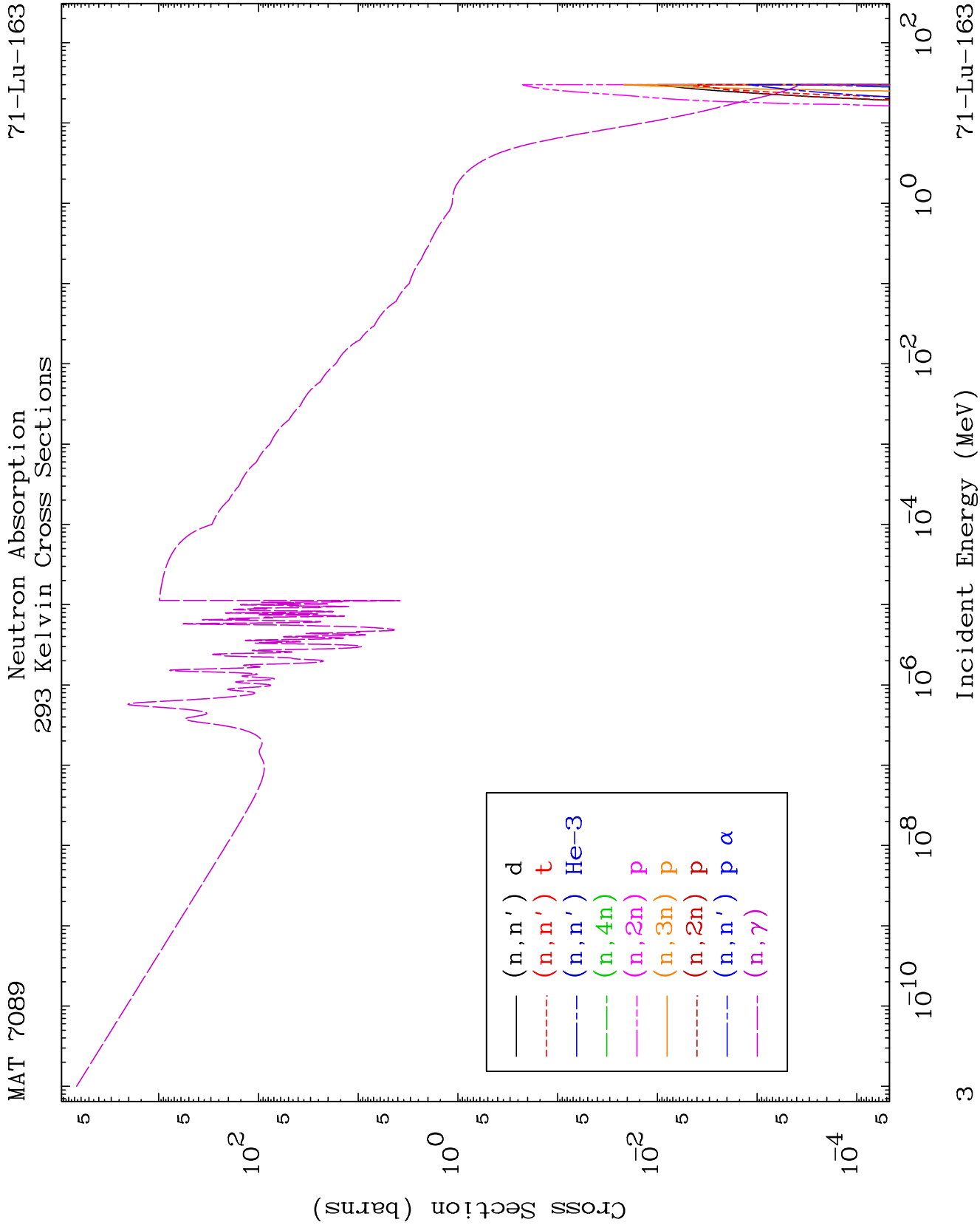
Tele: 925-443-1911

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

Press Mouse Button to Start



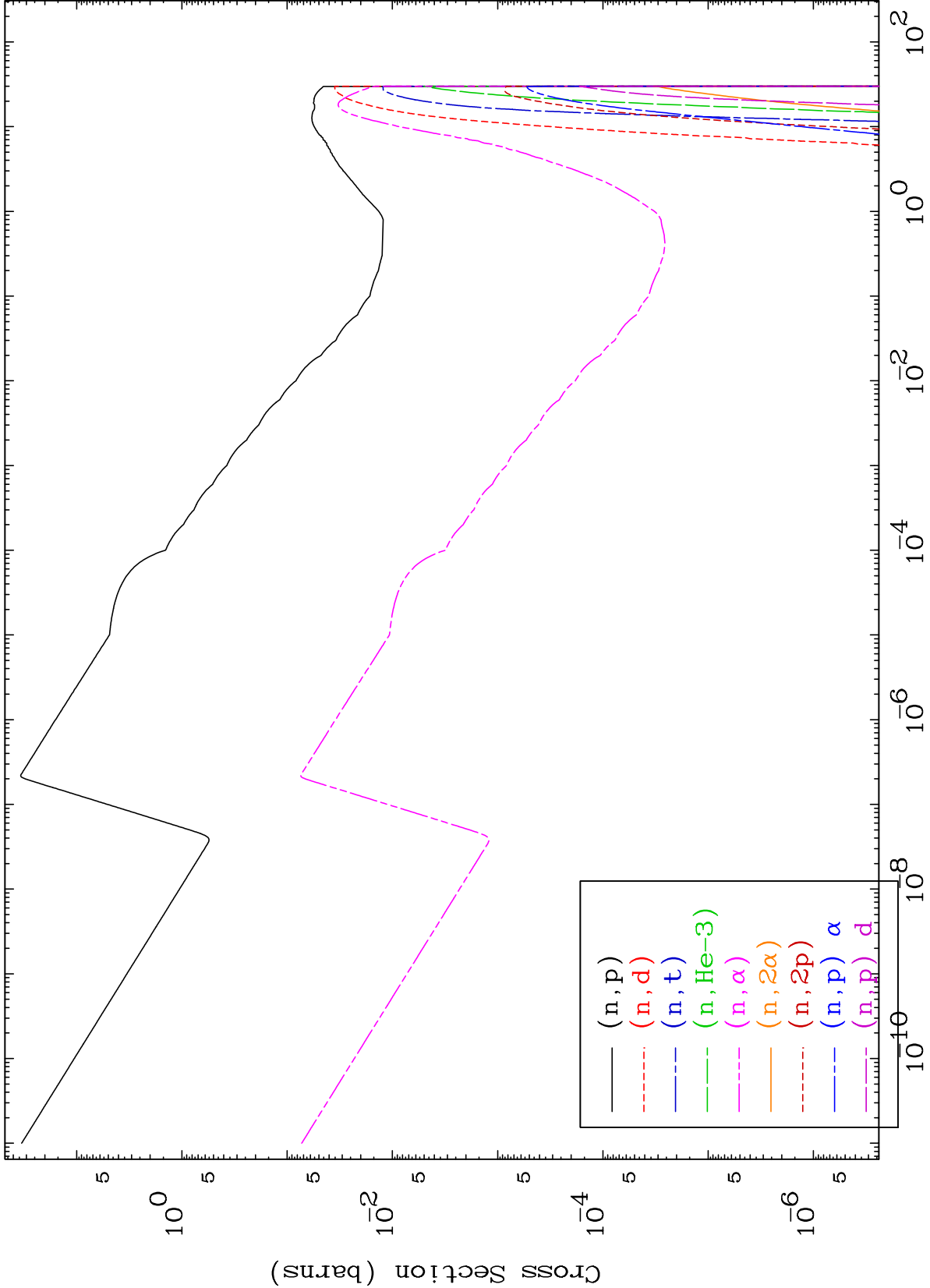


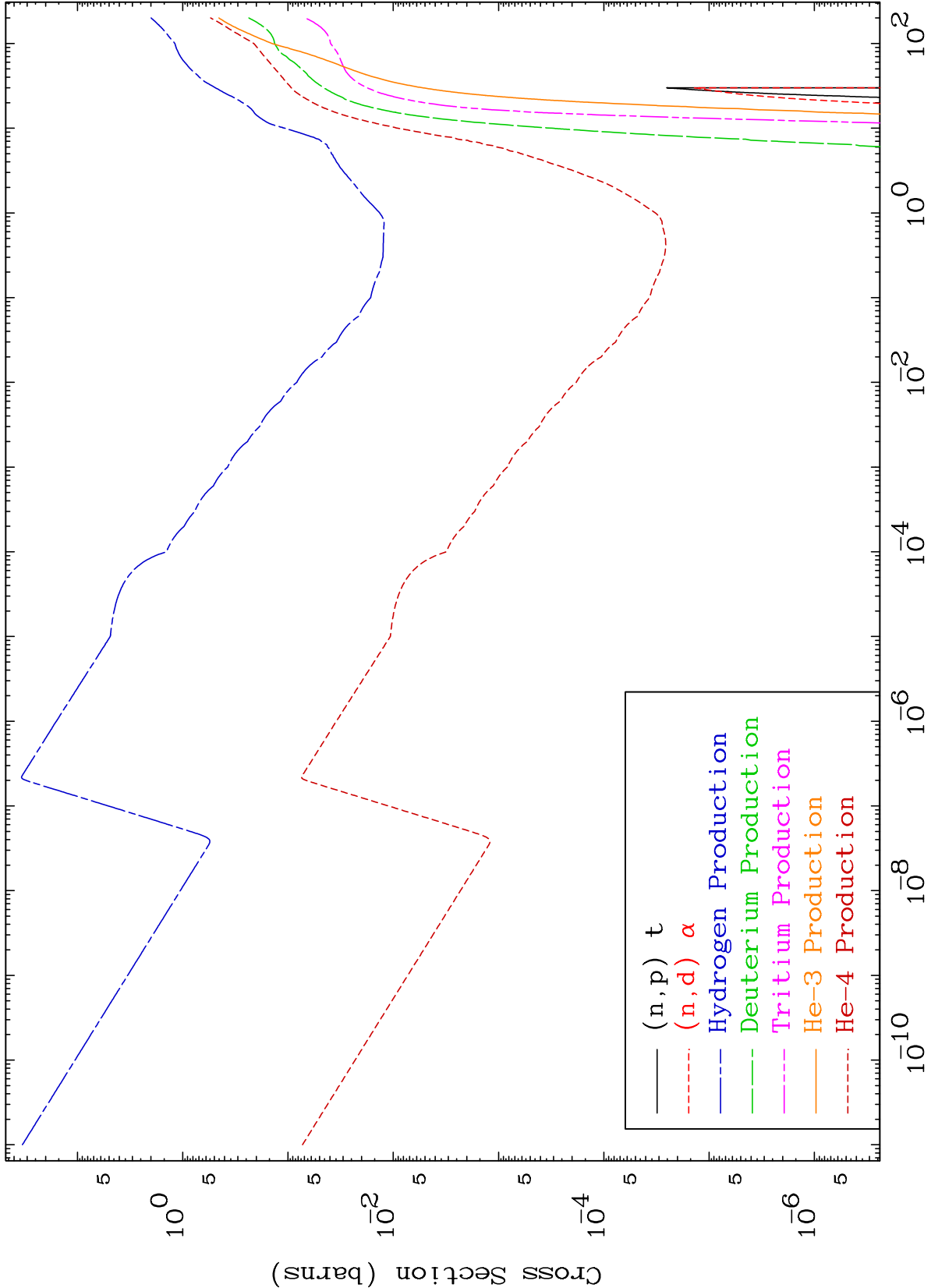


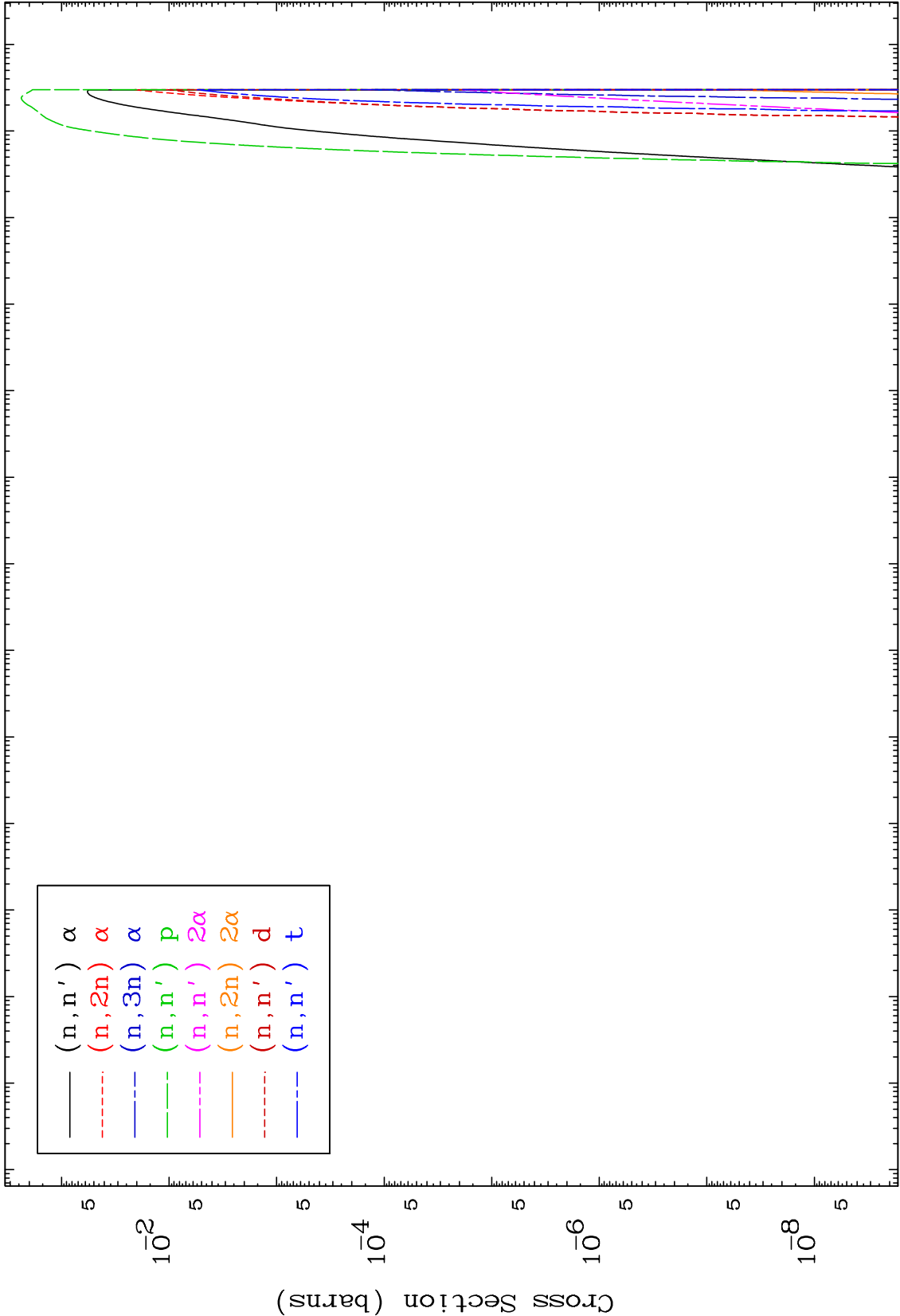
MAT 7089

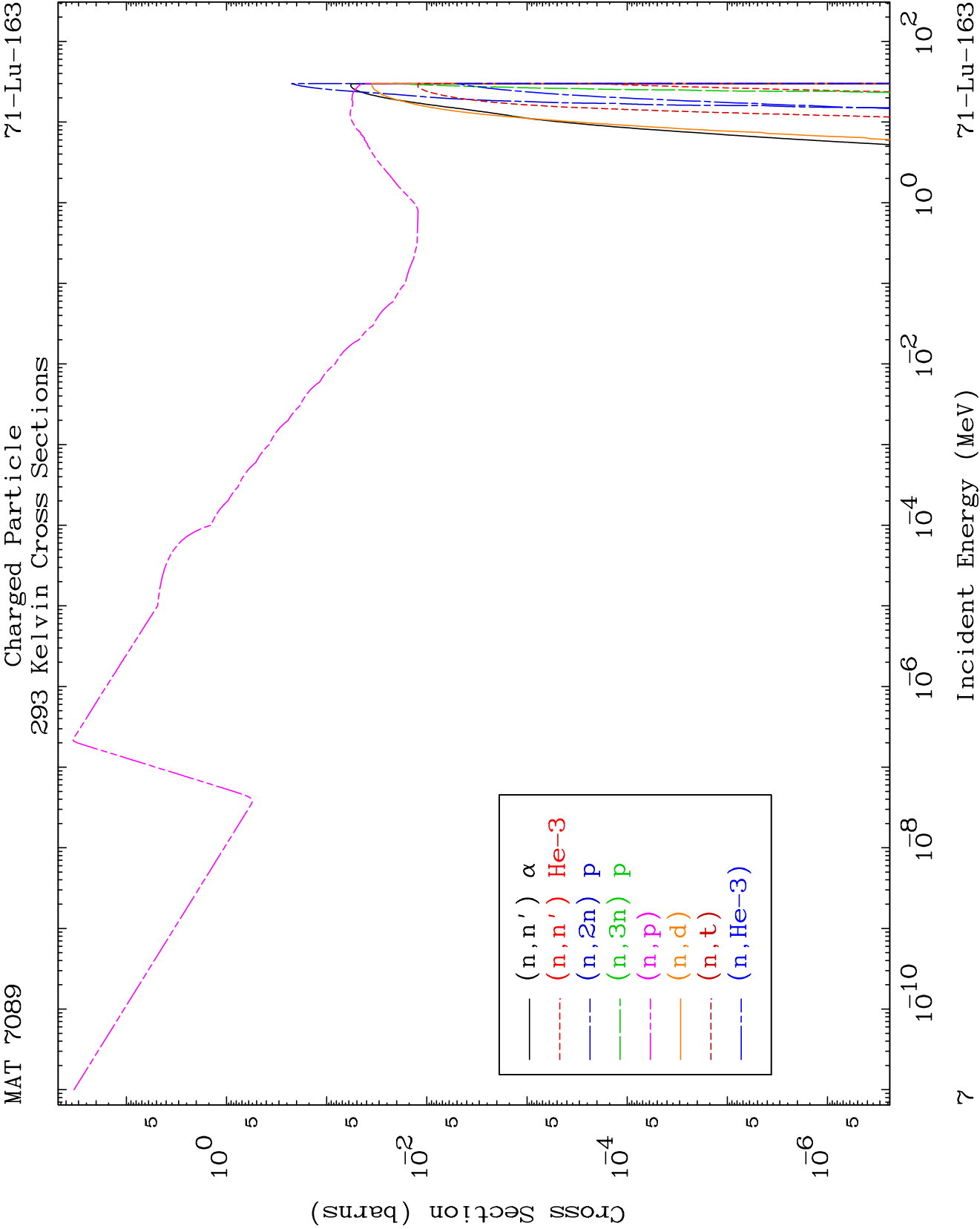
Neutron Absorption
293 Kelvin Cross Sections

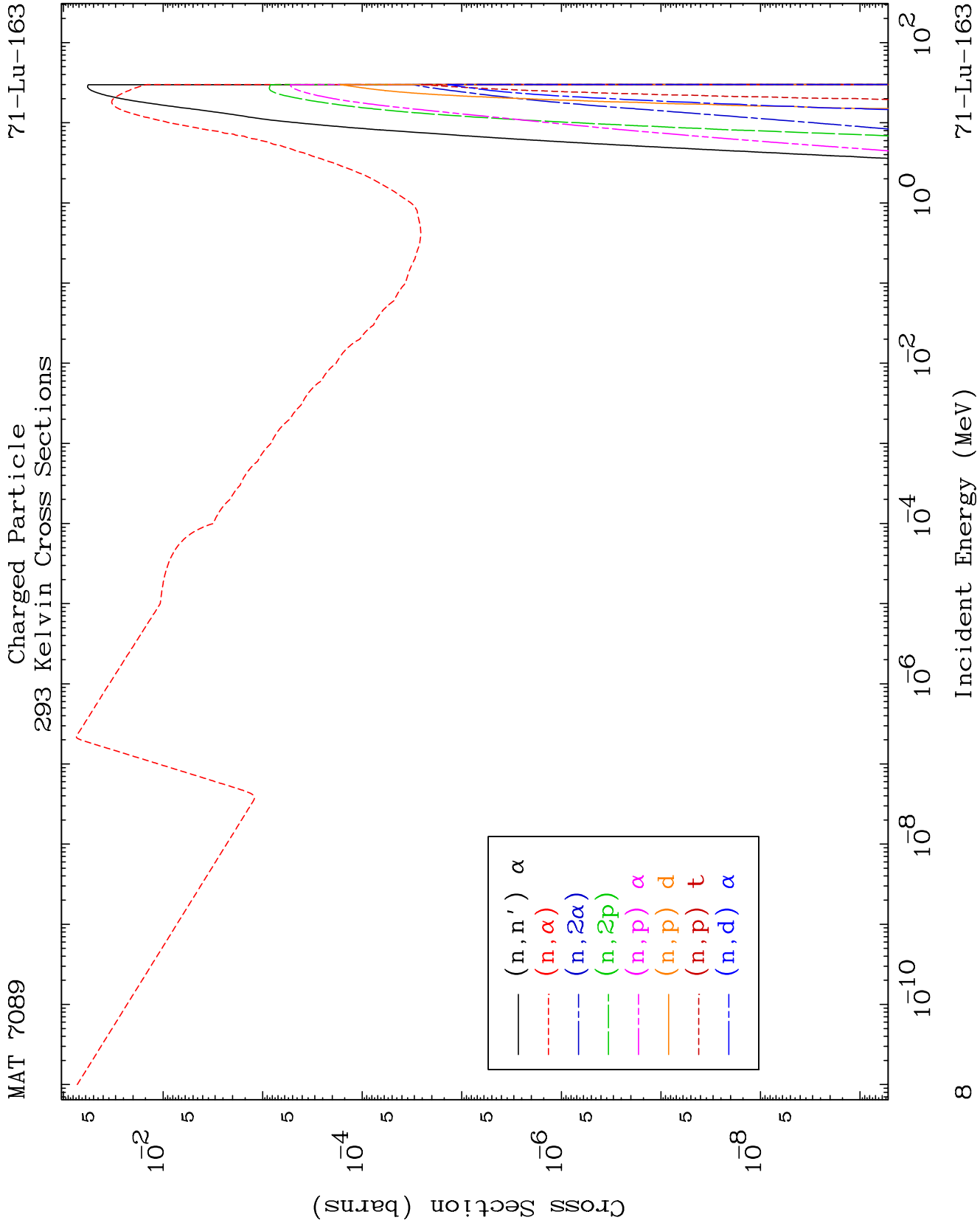
⁷¹Lu-163

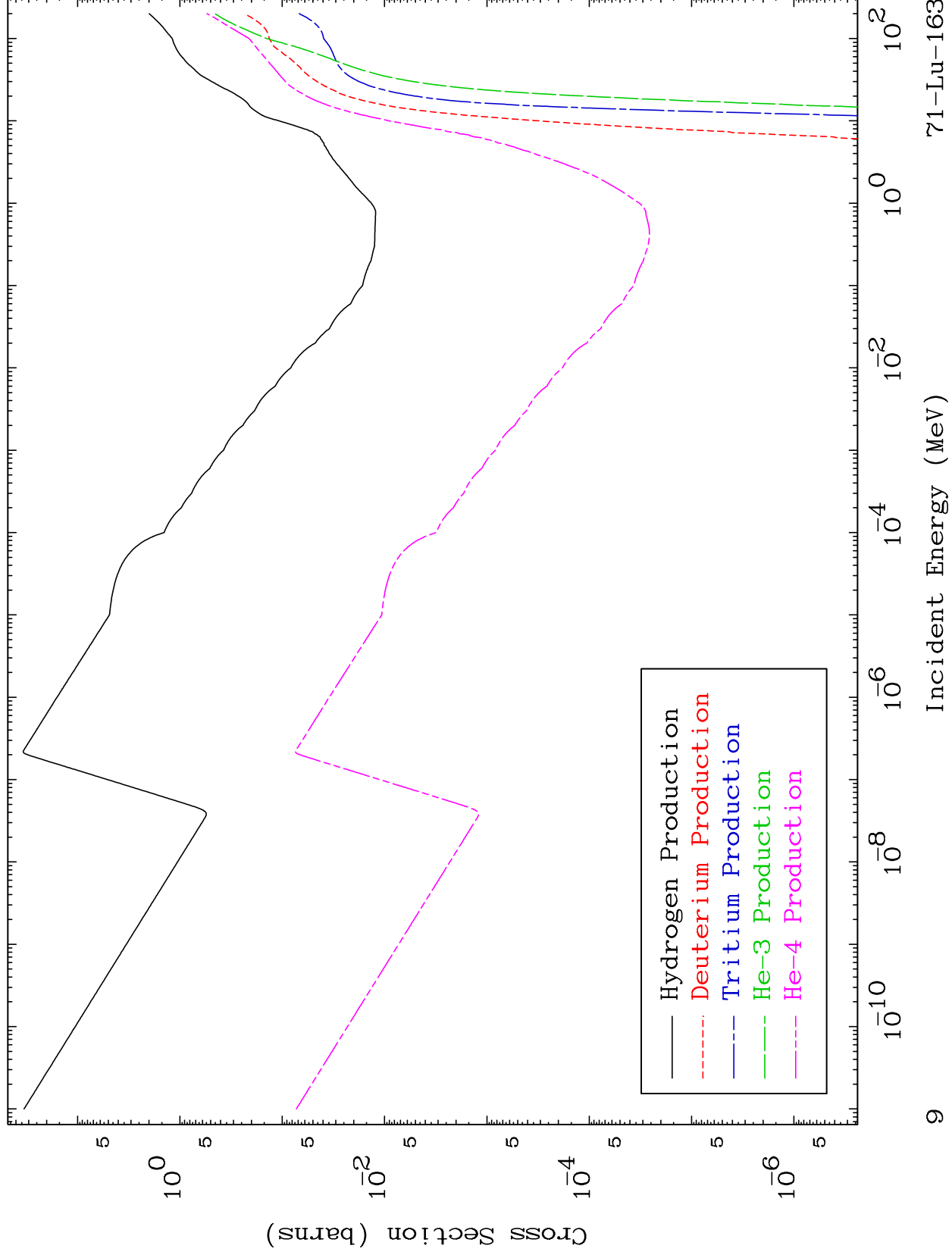








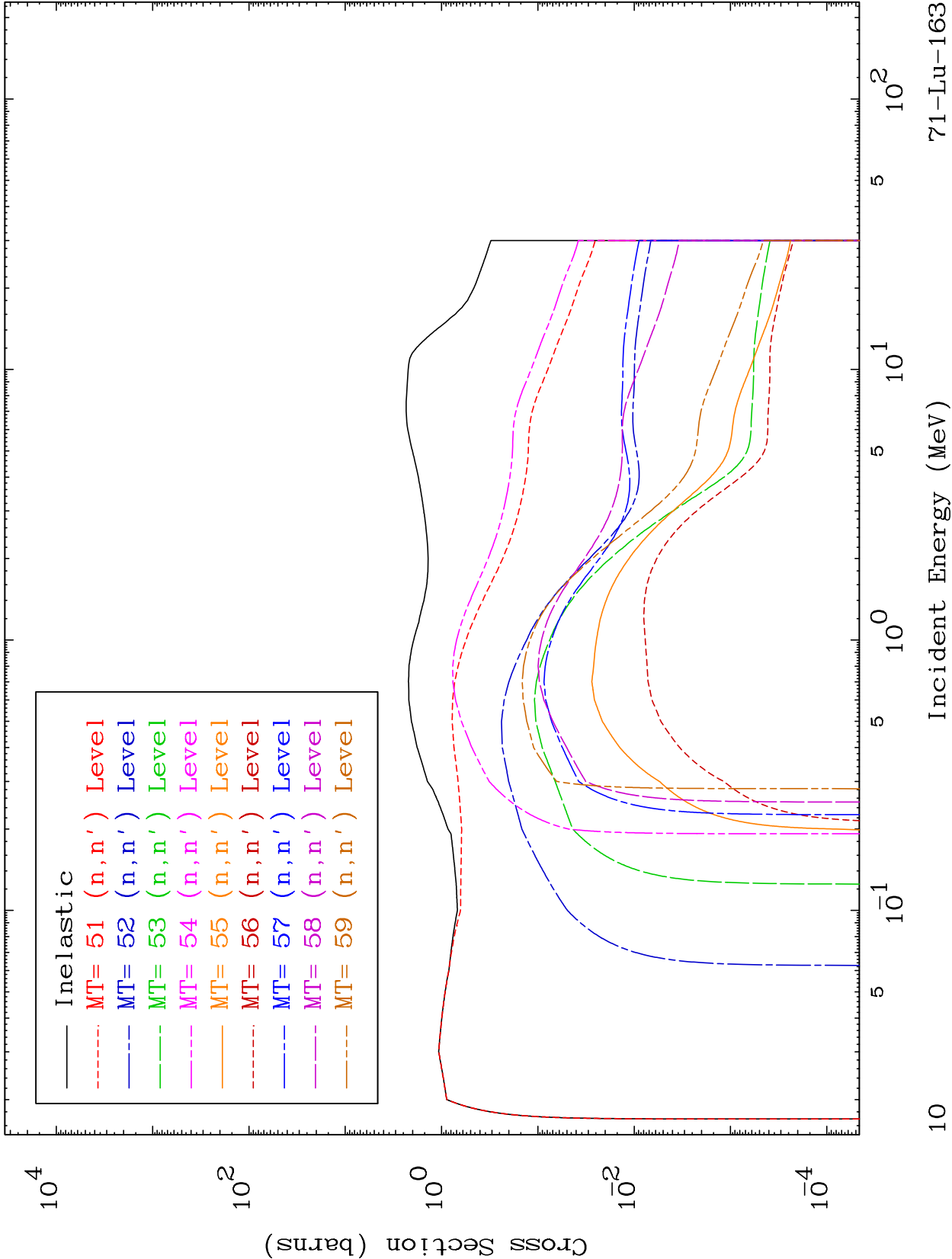


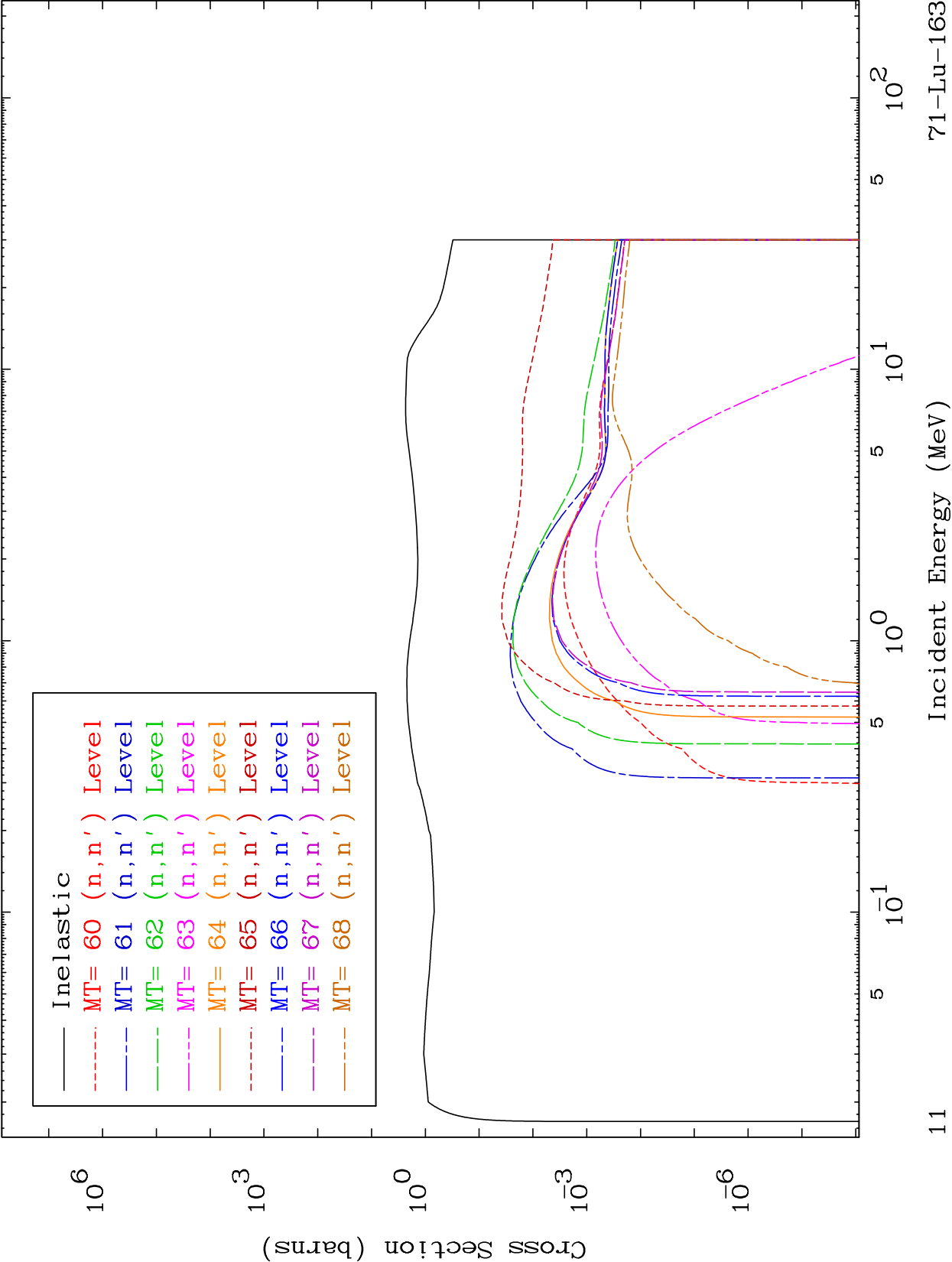


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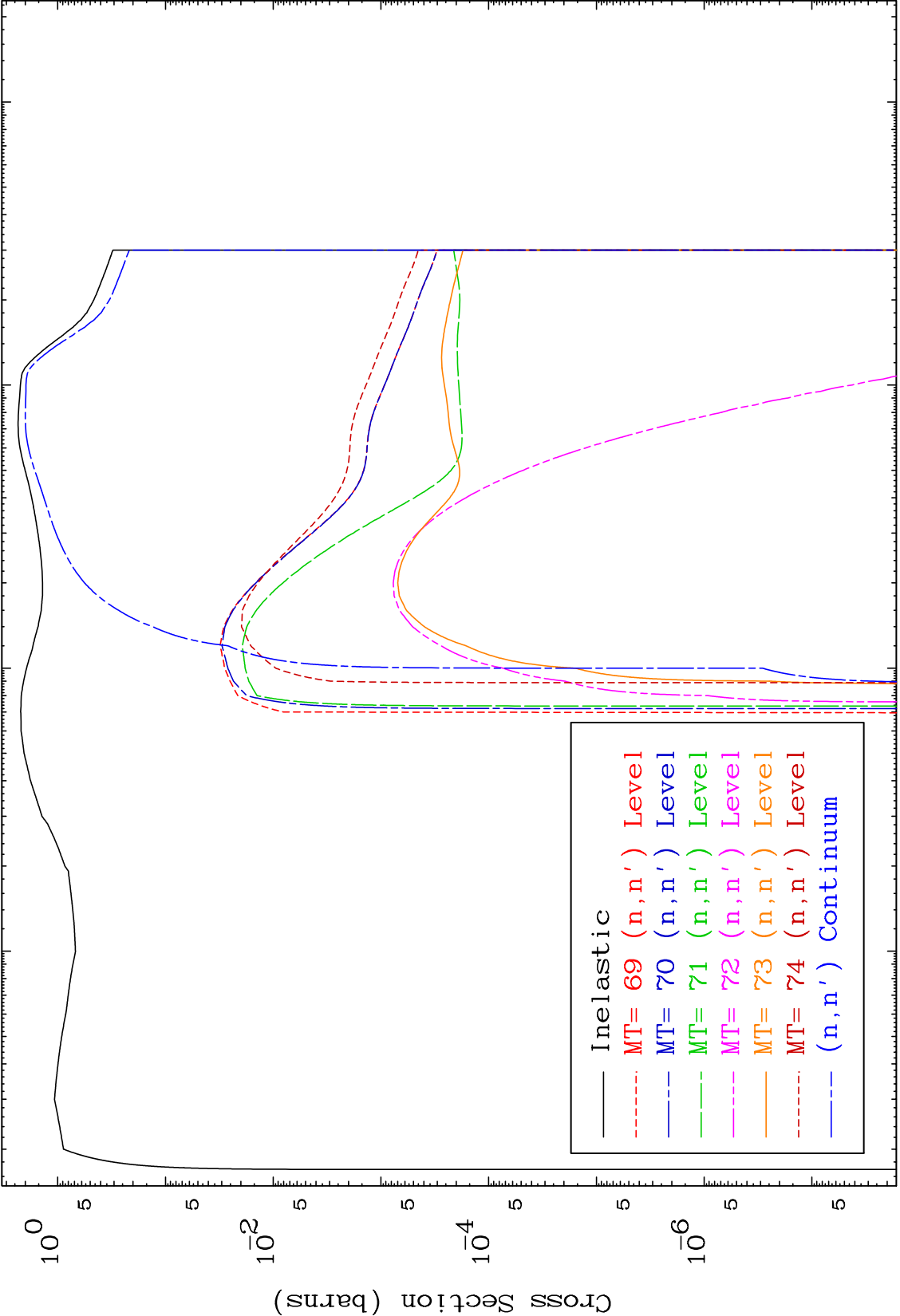
(n,n') Levels
293 Kelvin Cross Sections

71-Lu-163





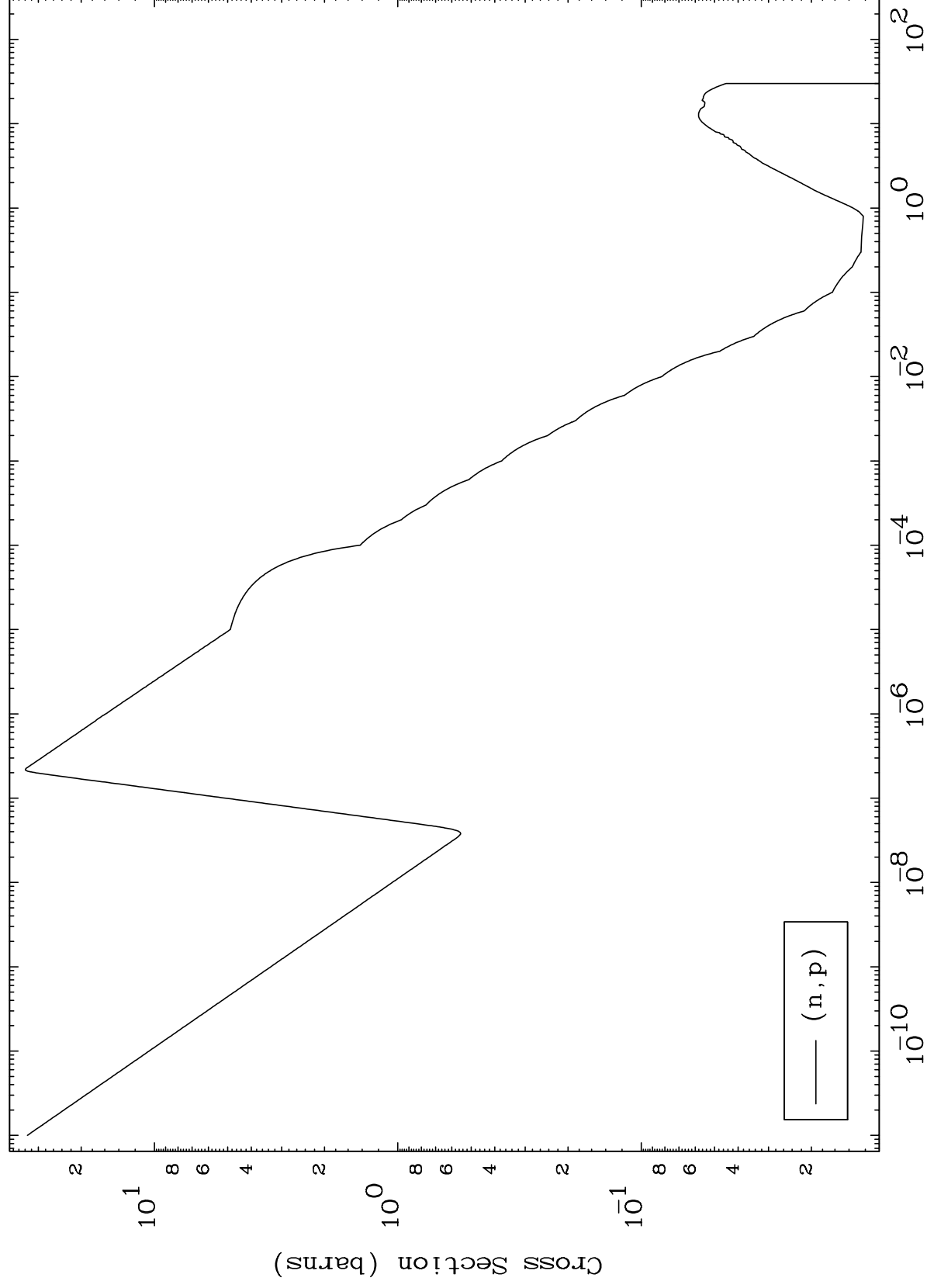
(n,n') Levels
293 Kelvin Cross Sections



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71-Lu-163

(n,p) Levels
293 Kelvin Cross Sections



— (n,p)

71-Lu-163

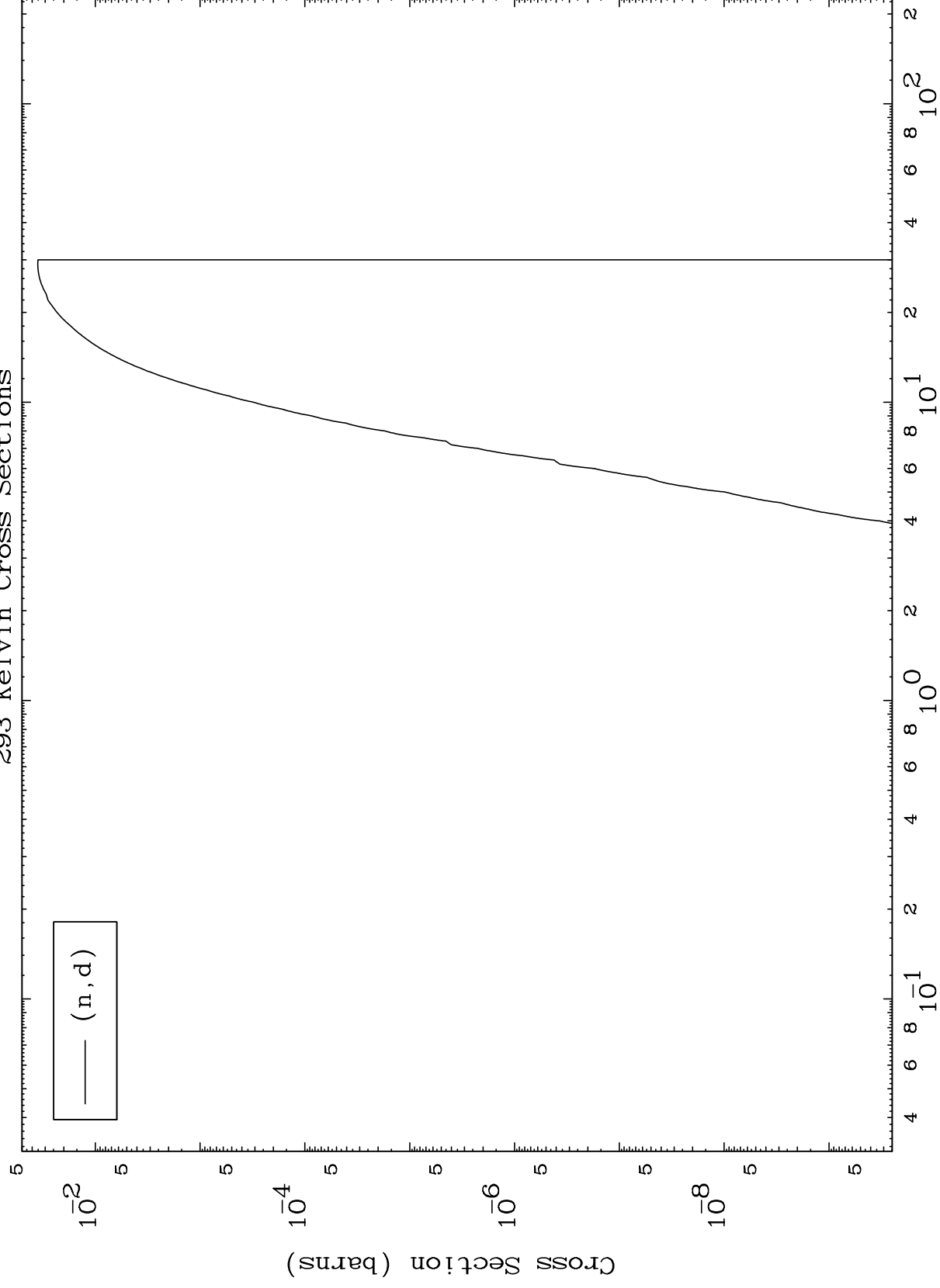
Incident Energy (MeV)

13

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(n,d) Levels
293 Kelvin Cross Sections

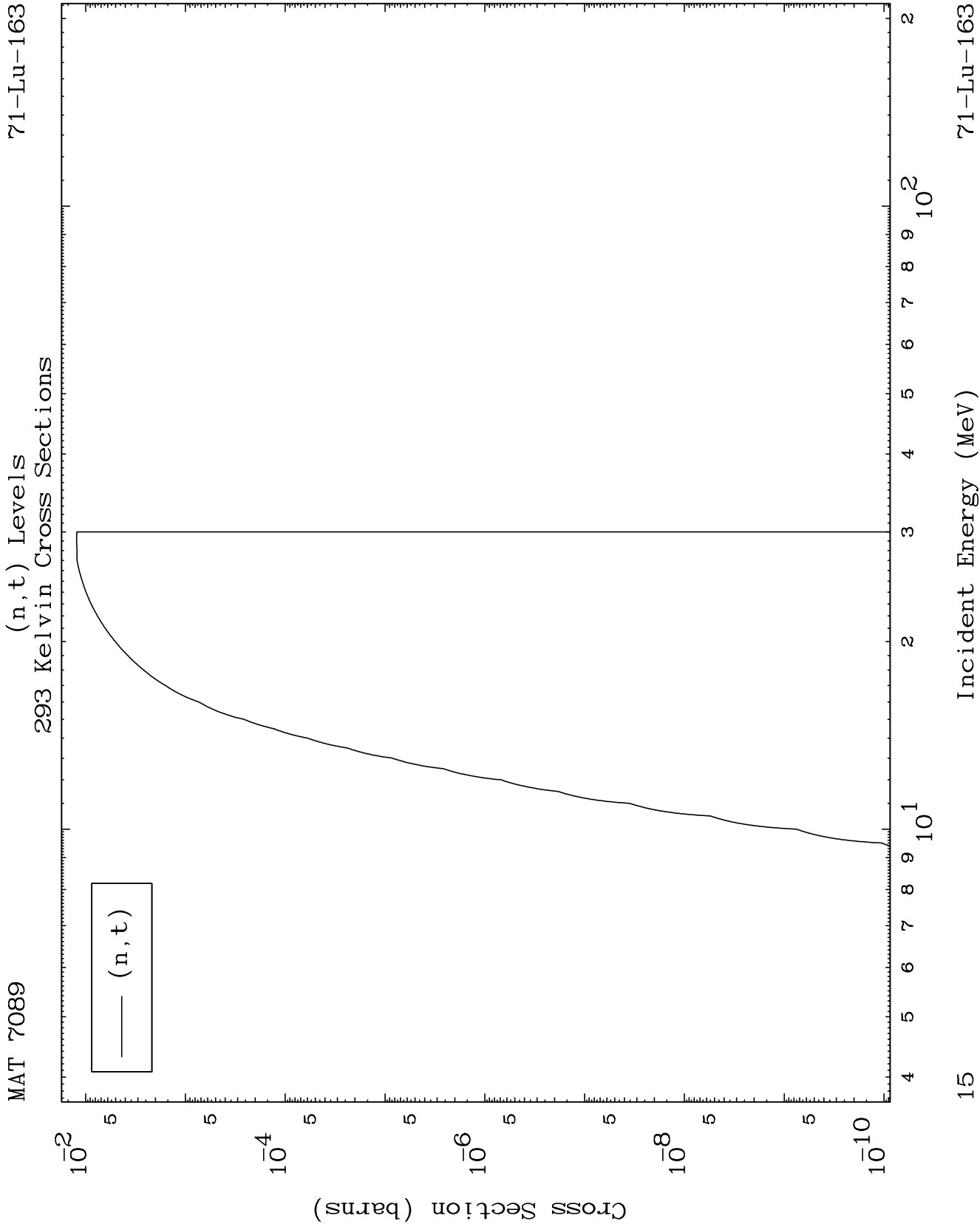
71-Lu-163



14

Incident Energy (MeV)

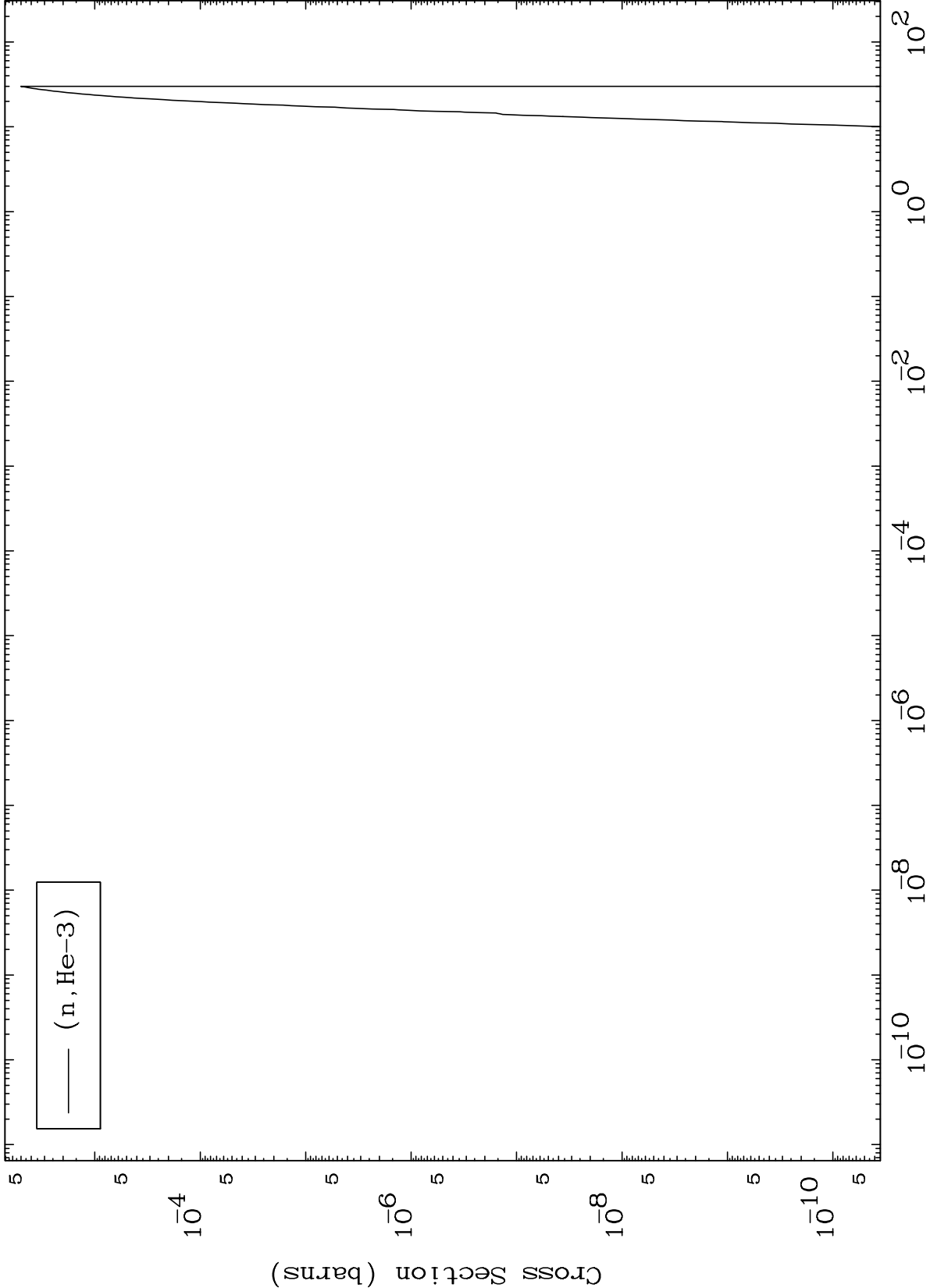
71-Lu-163



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(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-163



16

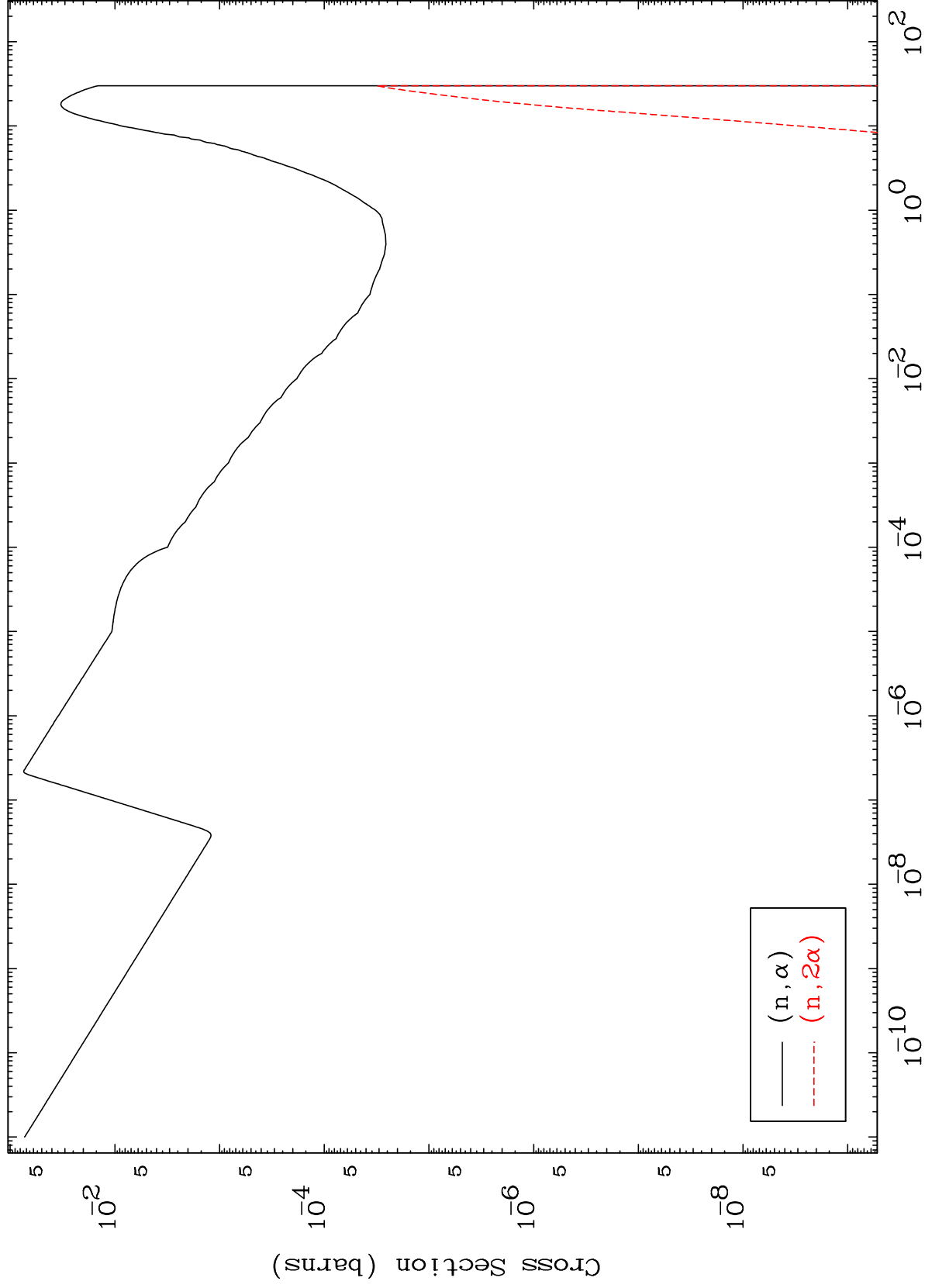
Incident Energy (MeV)

71-Lu-163

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71-Lu-163

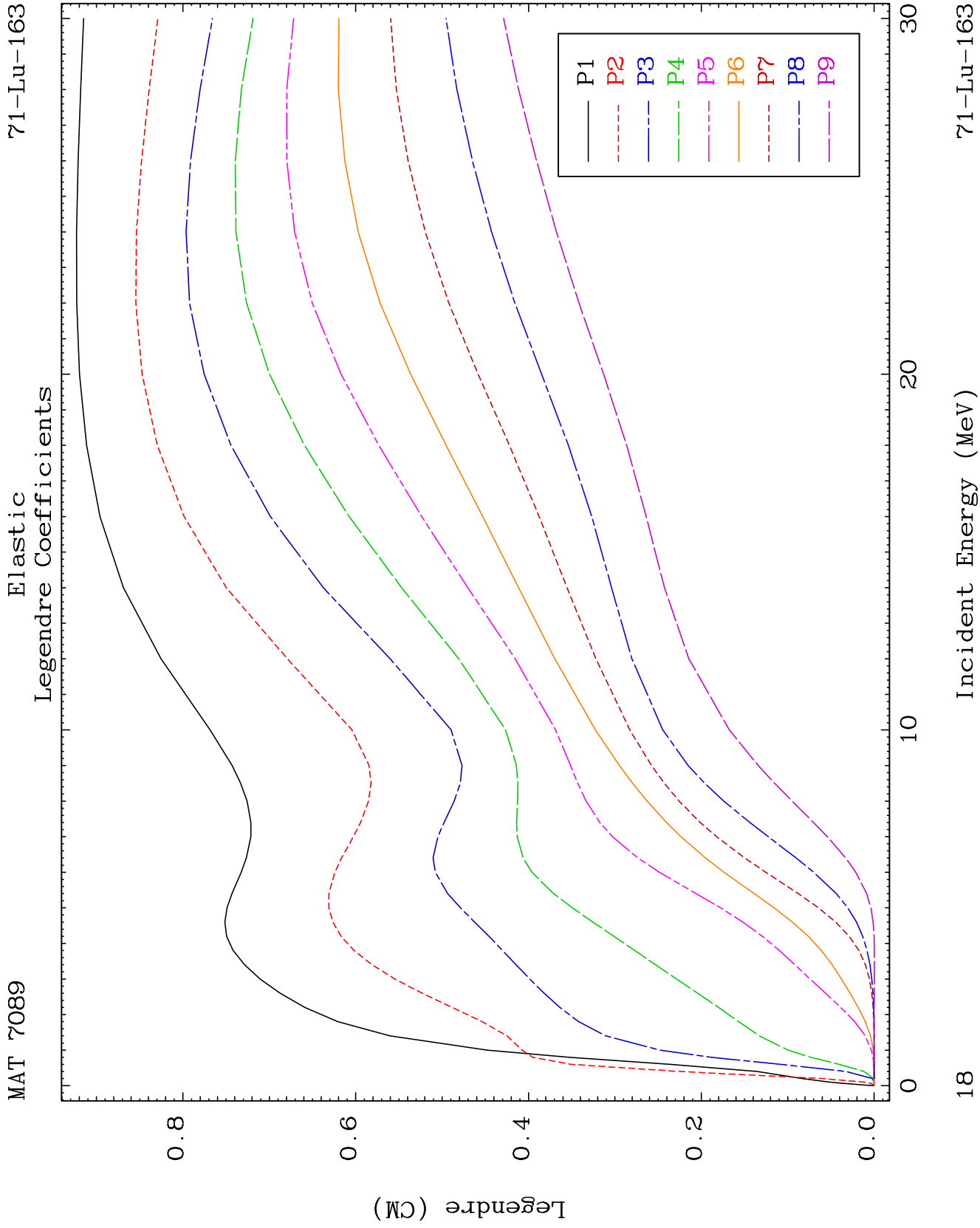
(n, α) Levels
293 Kelvin Cross Sections

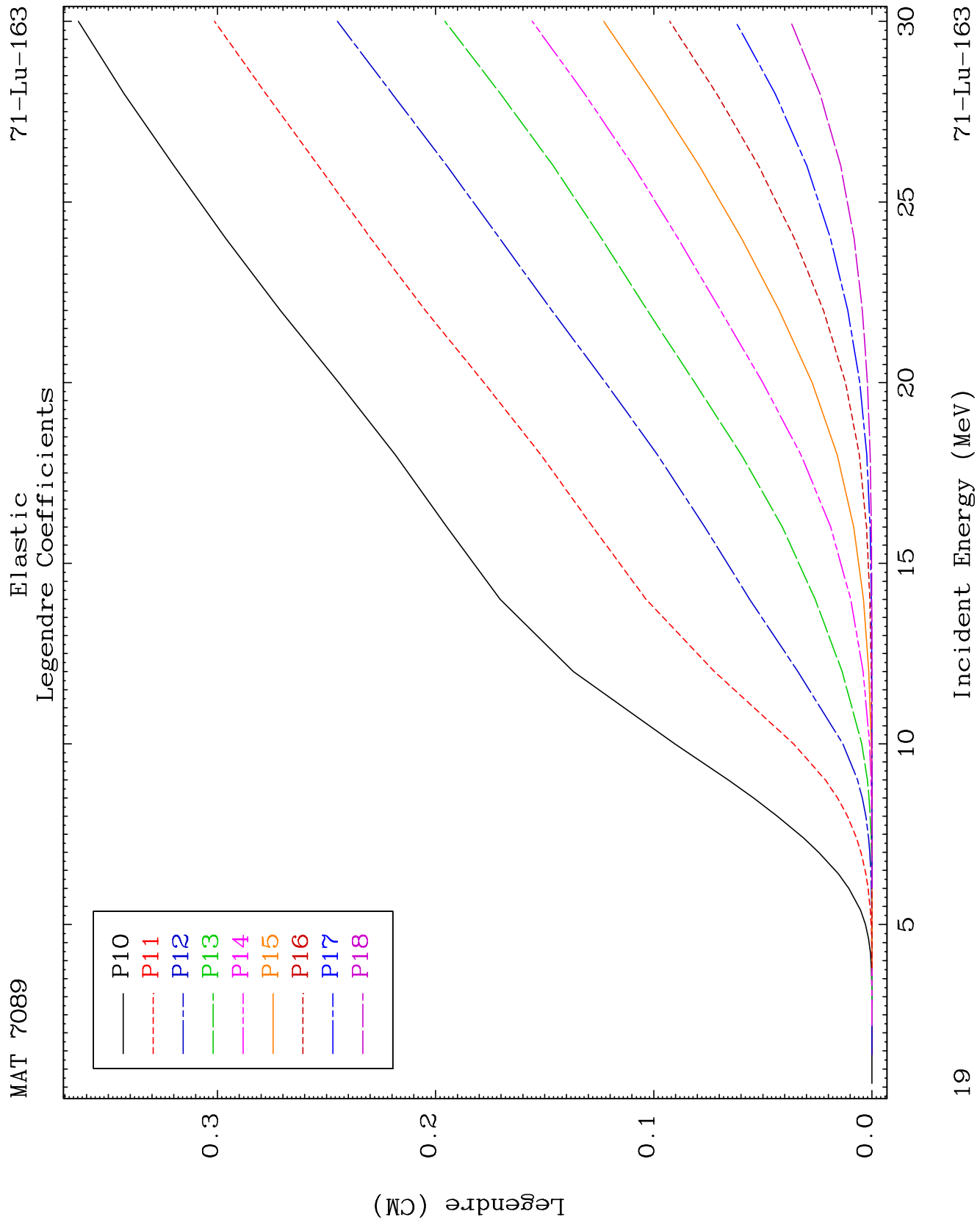


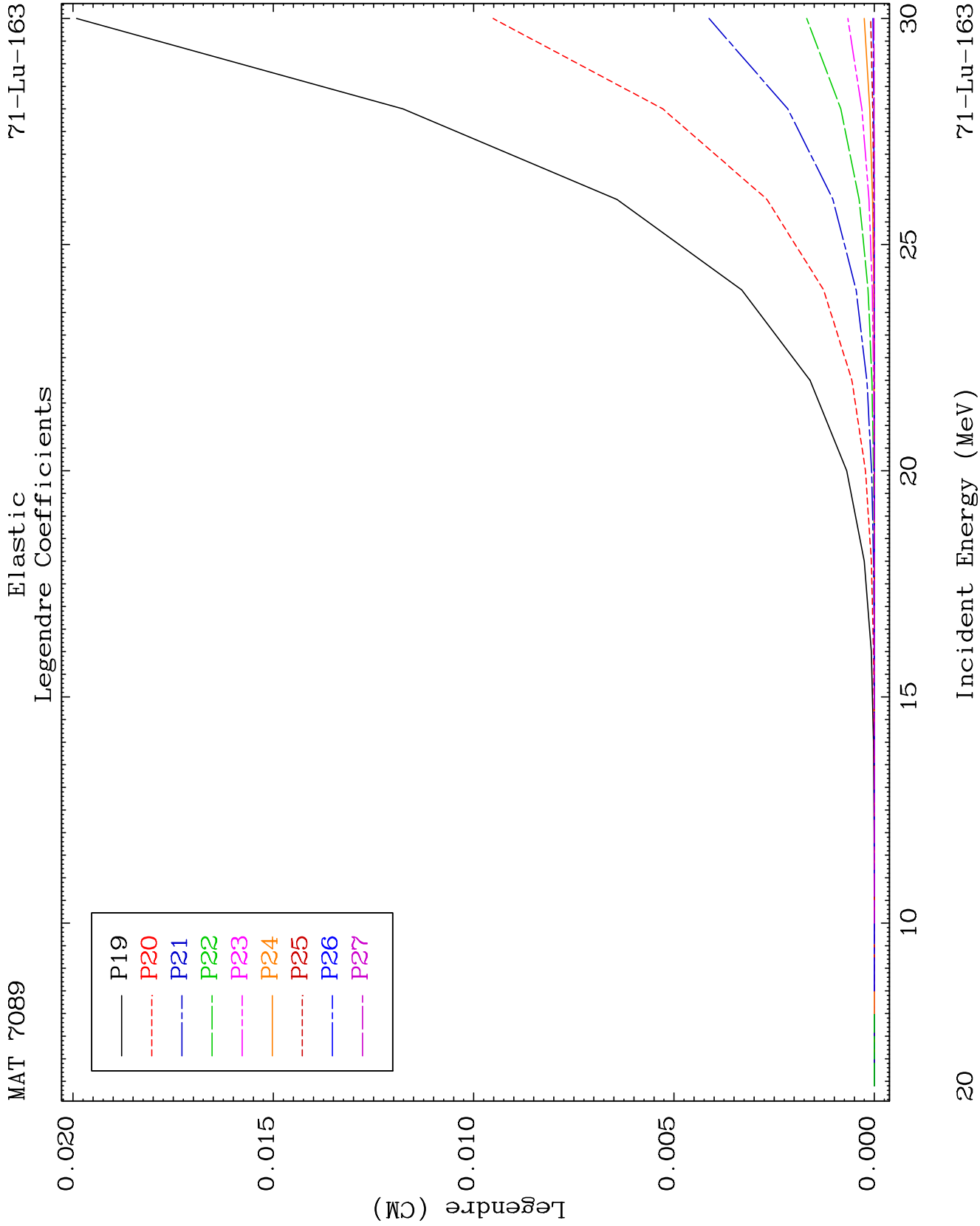
71-Lu-163

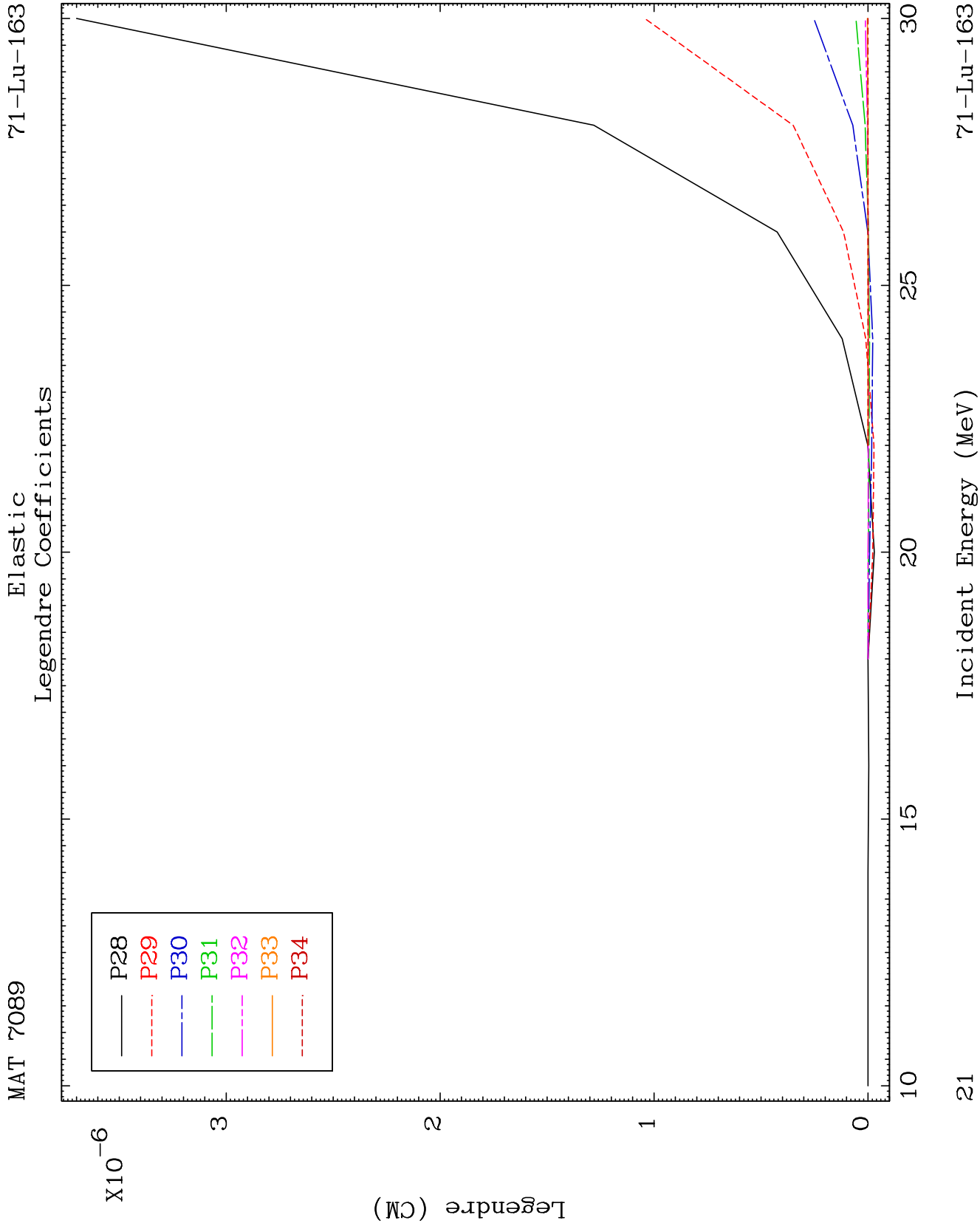
Incident Energy (MeV)

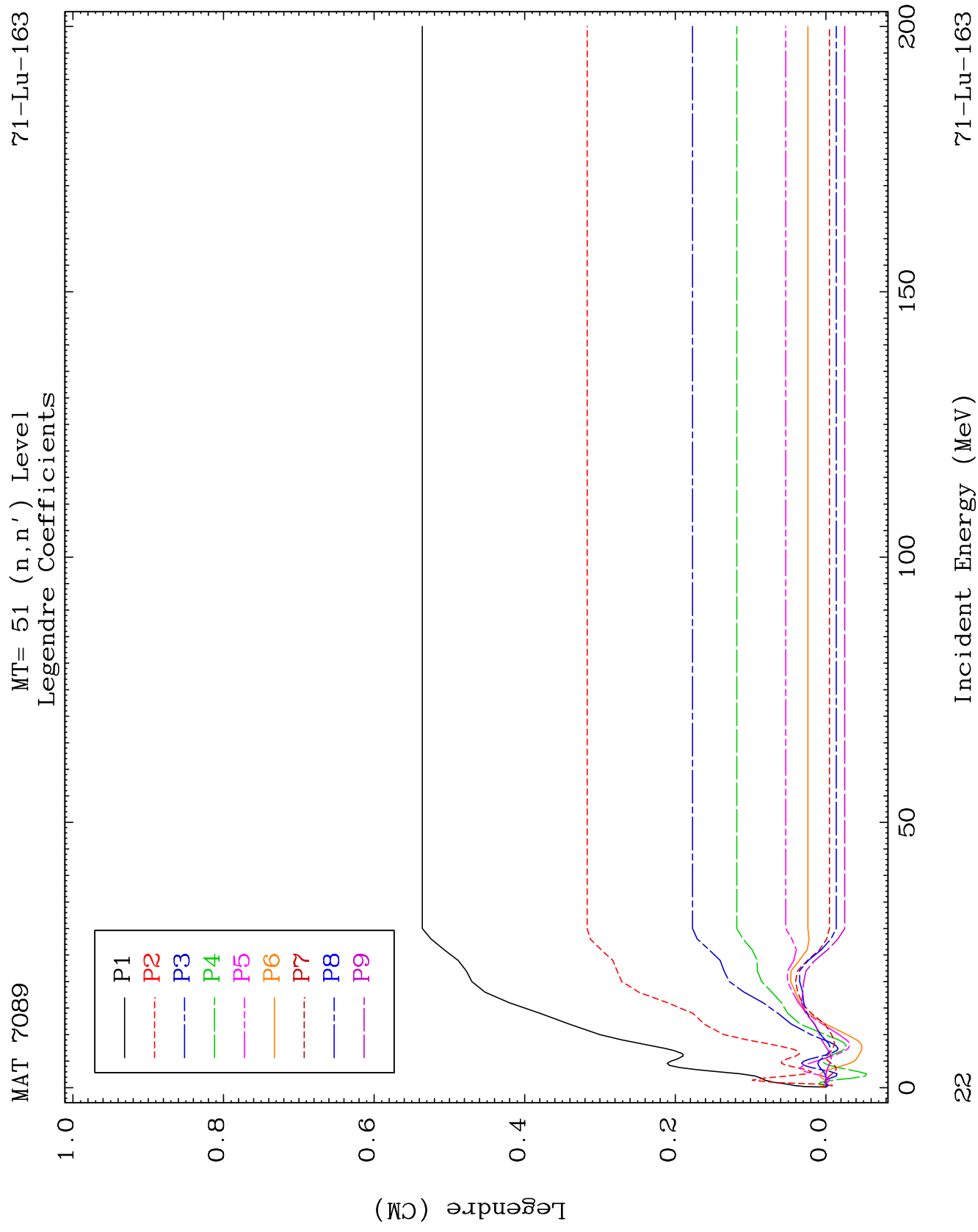
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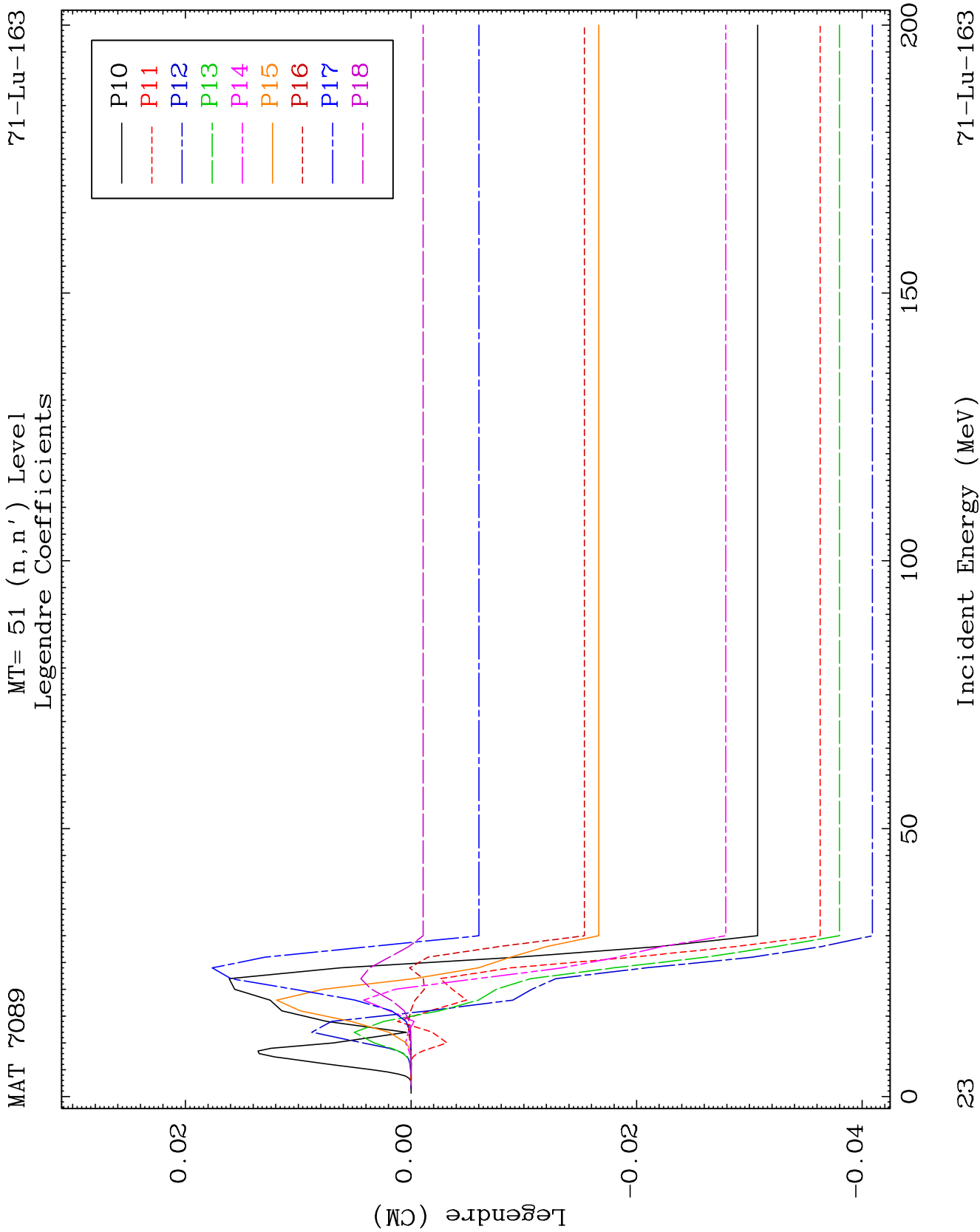








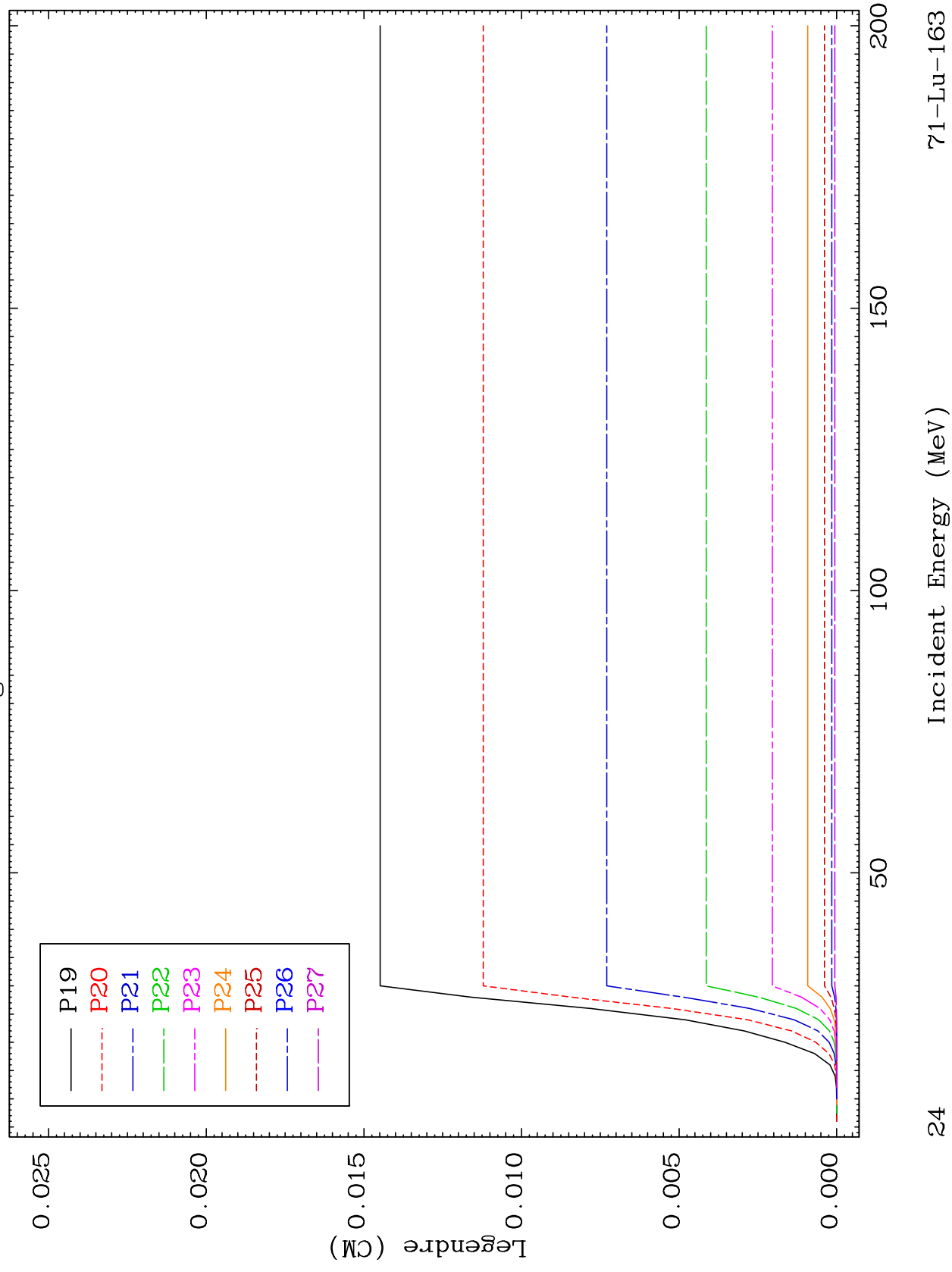


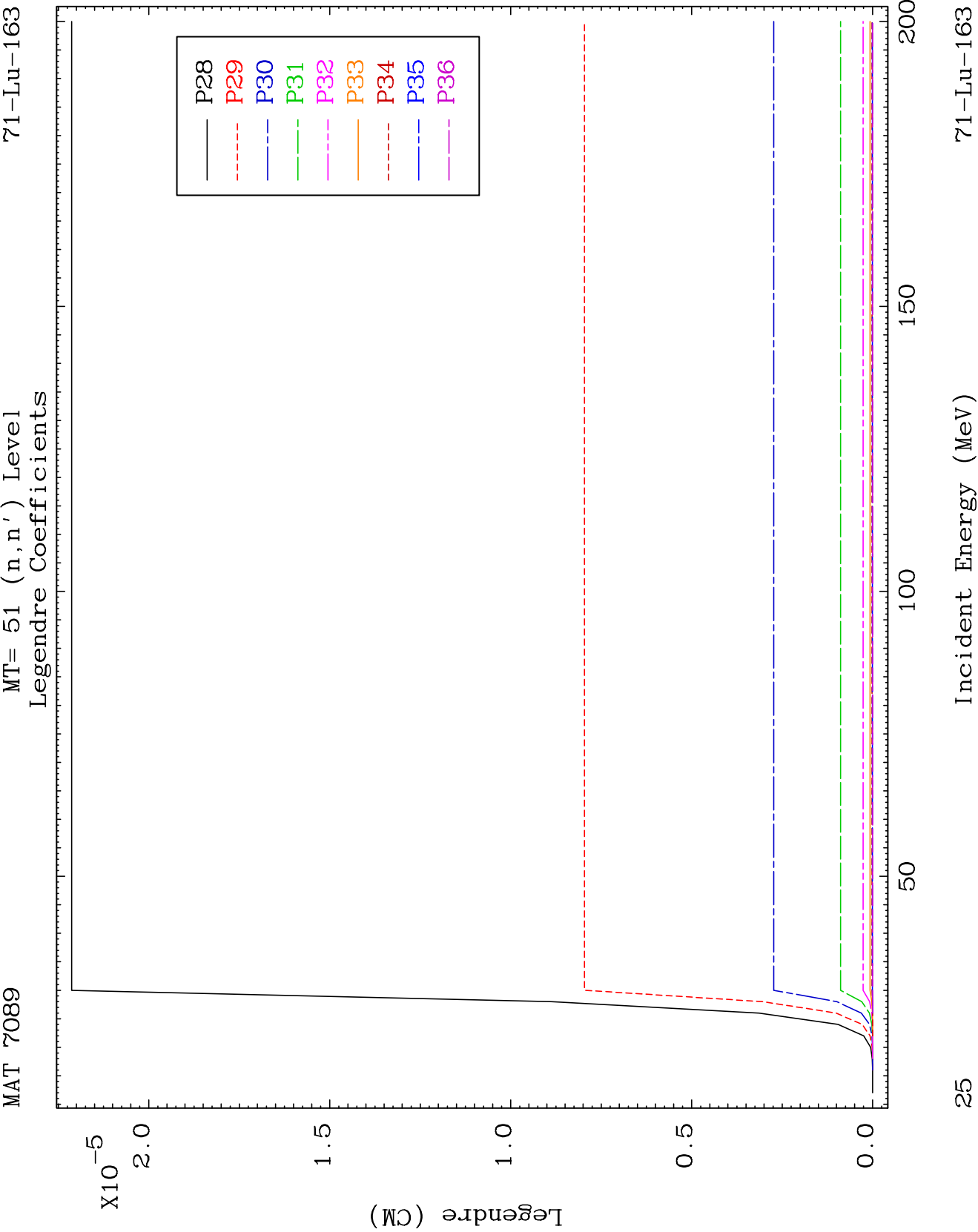


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MT= 51 (n, n') Level
Legendre Coefficients

71-Lu-163

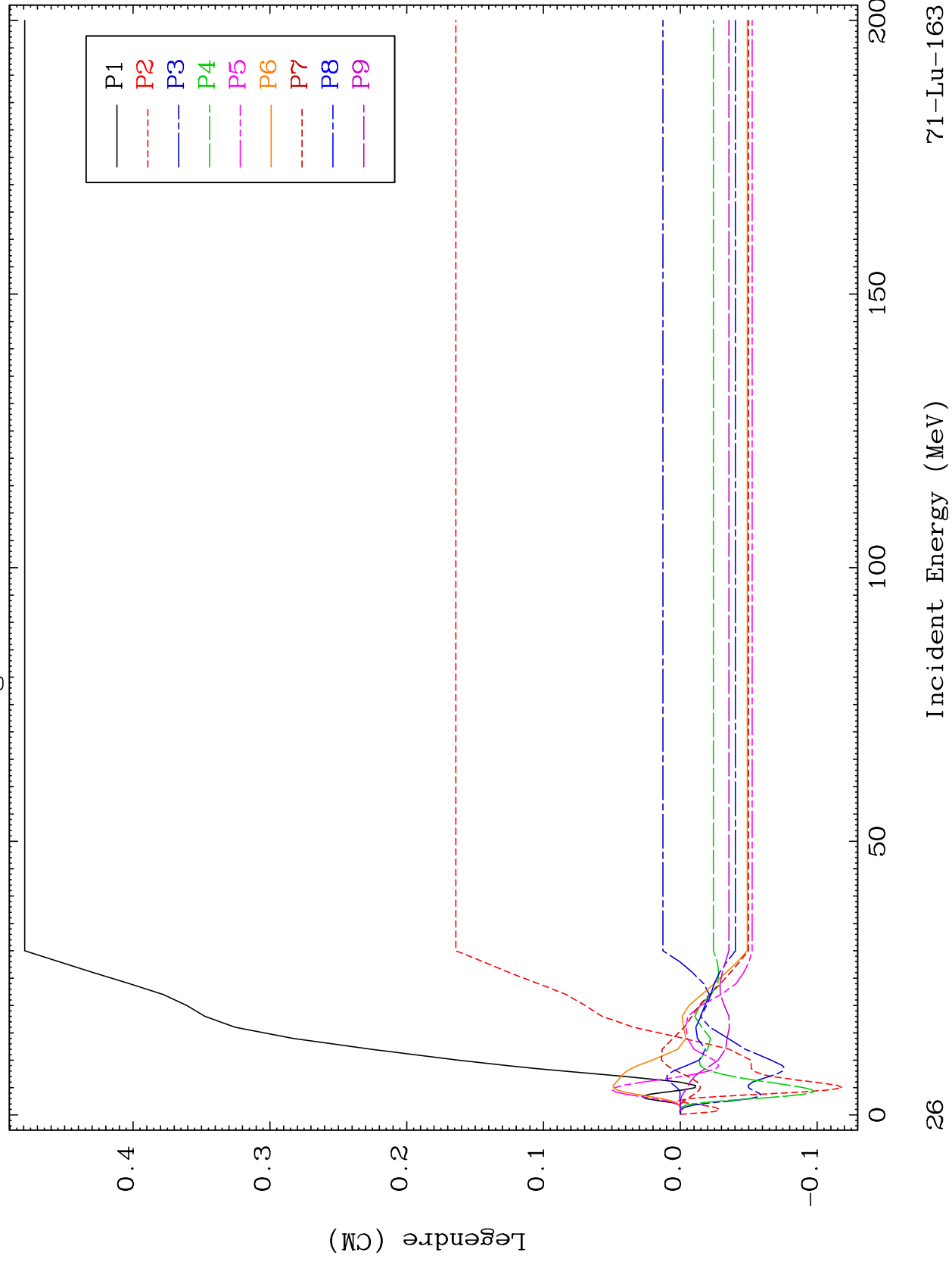


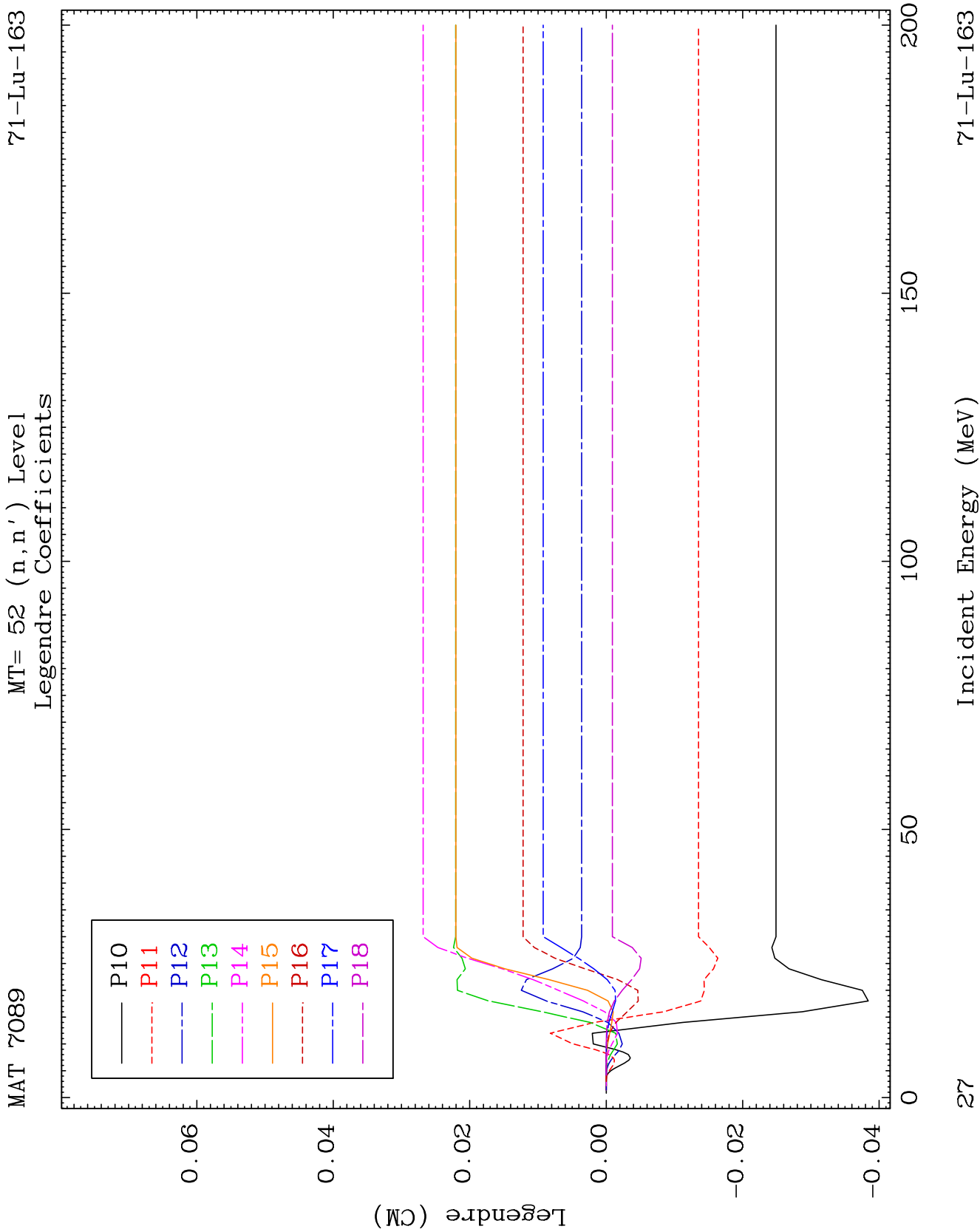


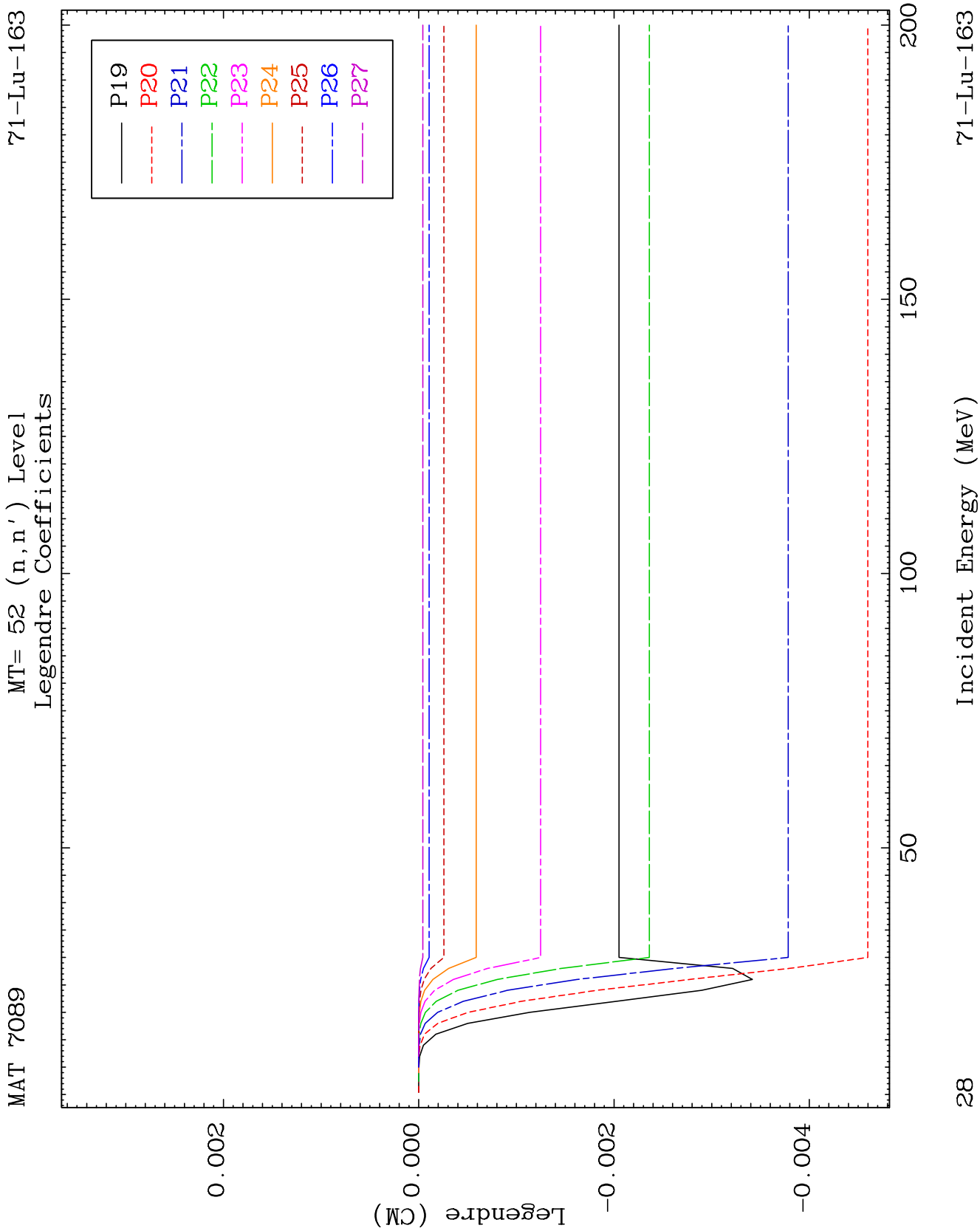
MAT 7089

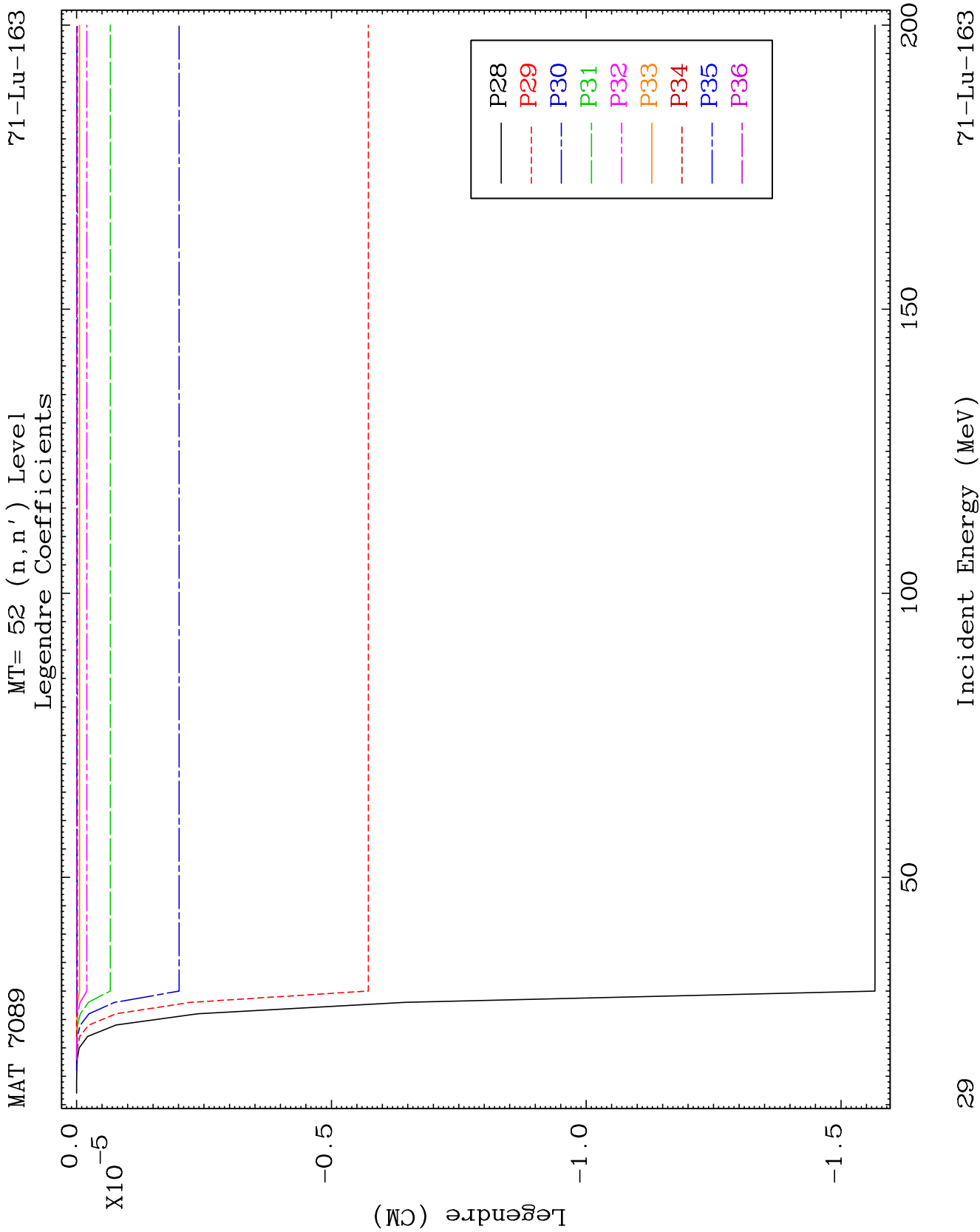
MT= 52 (n, n') Level
Legendre Coefficients

71-Lu-163





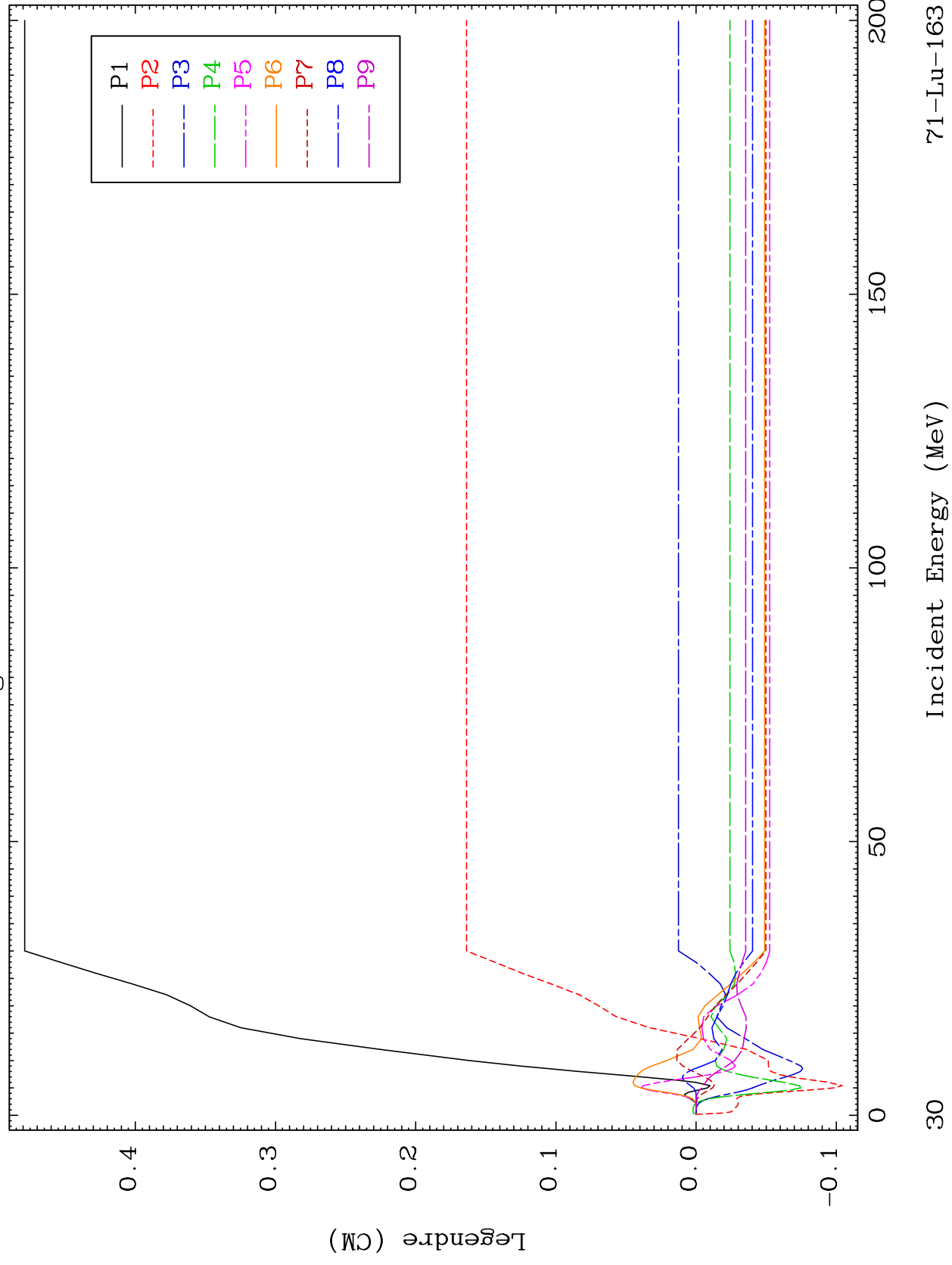




MAT 7089

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

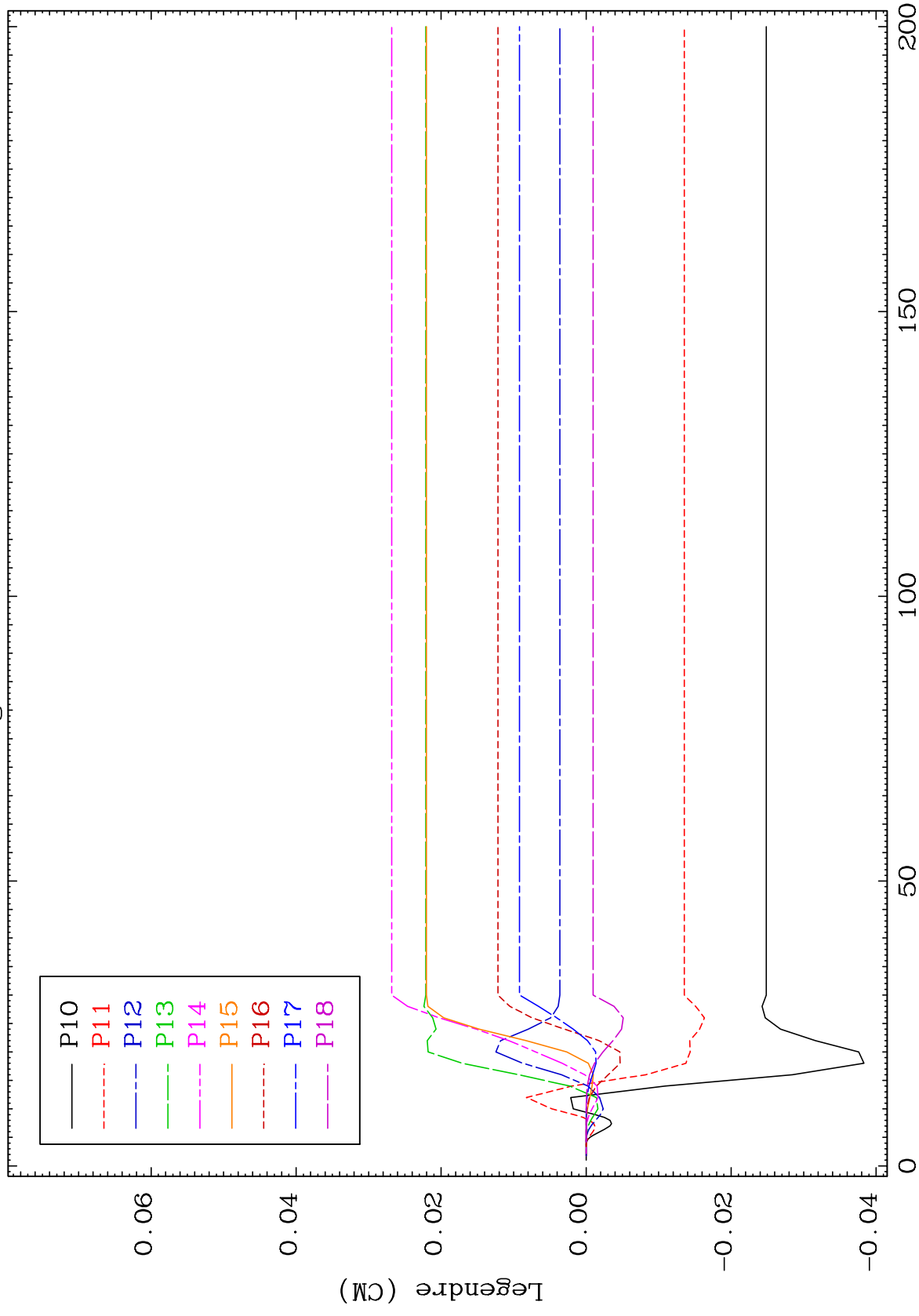
71-Lu-163



MAT 7089

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

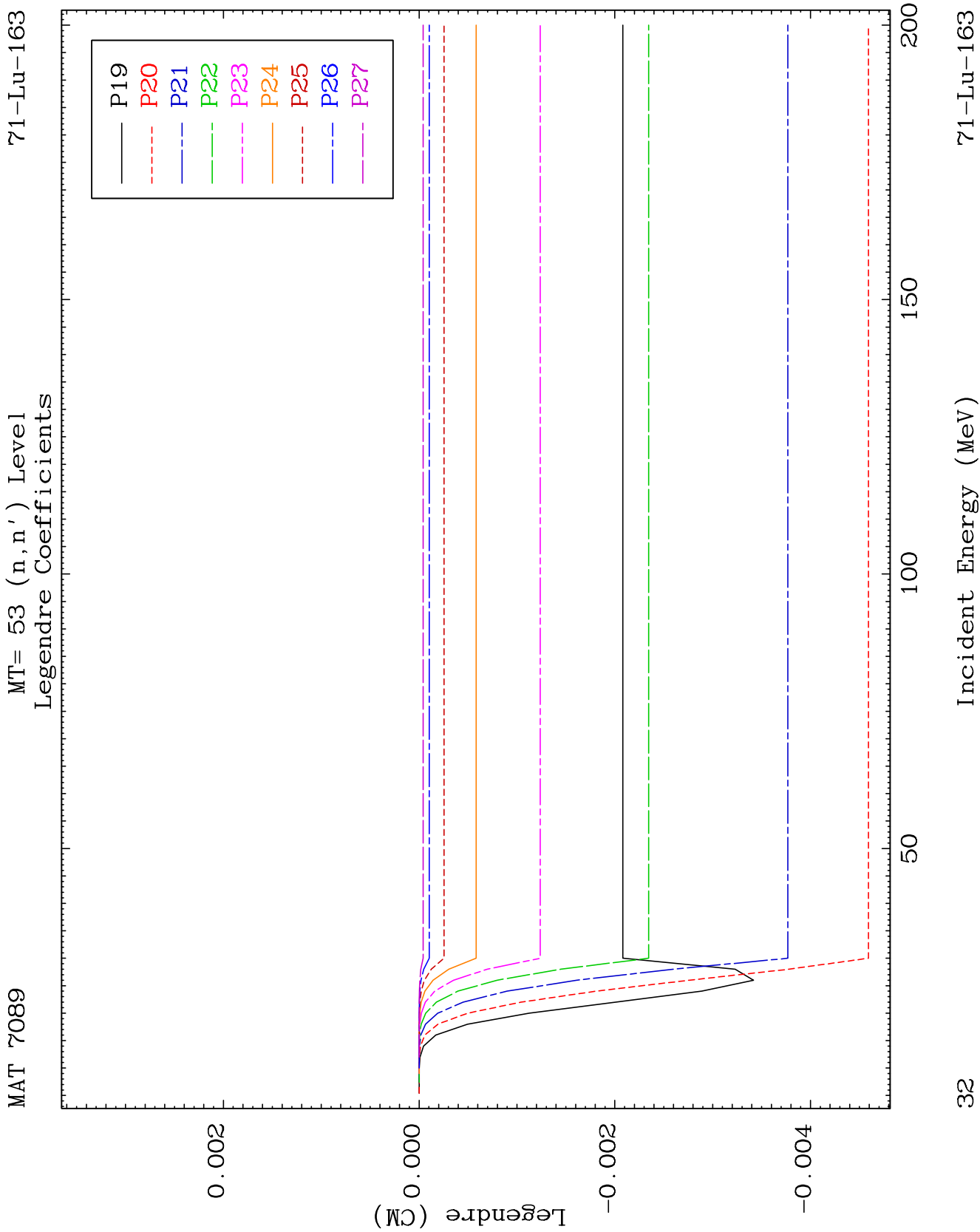
71-Lu-163

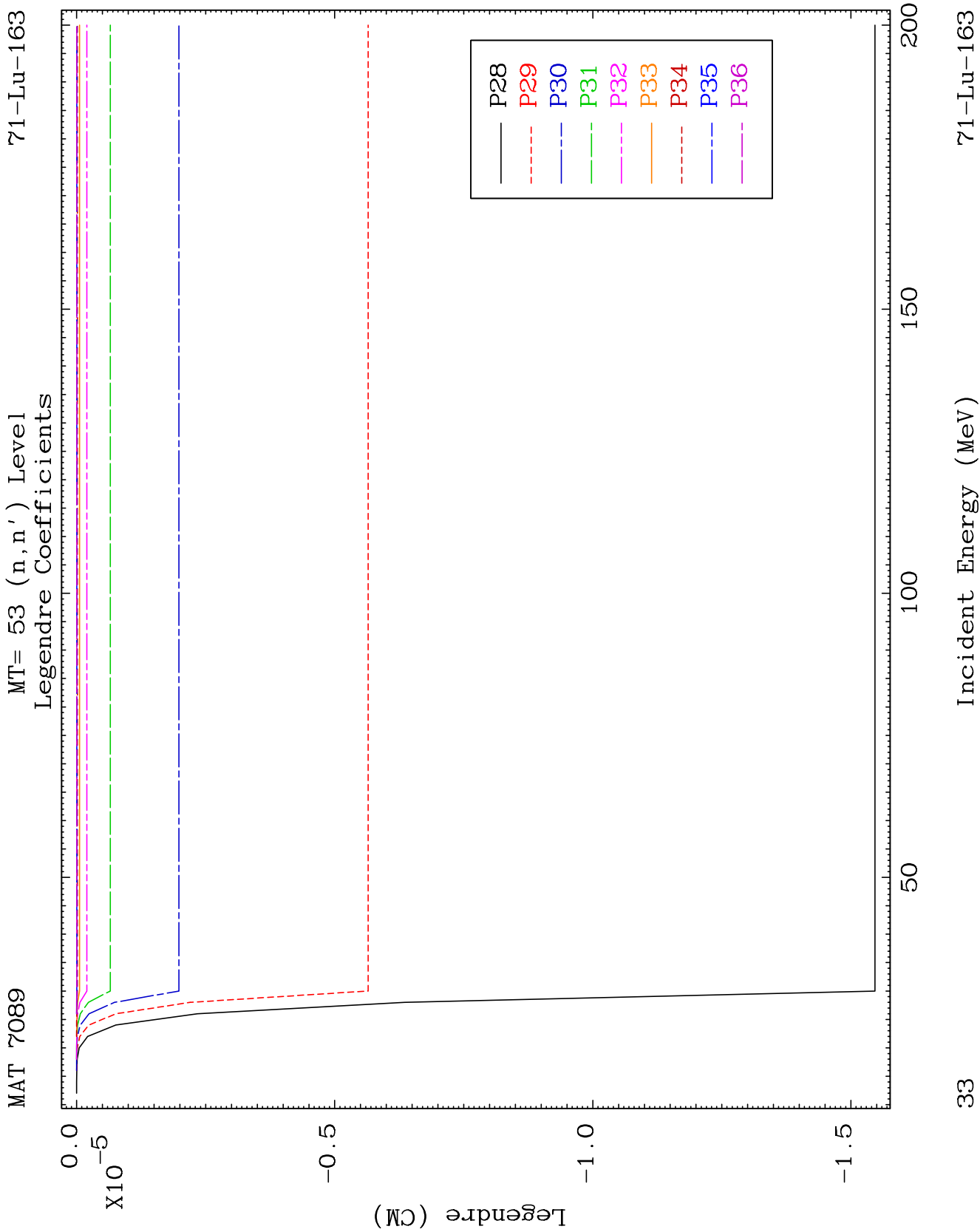


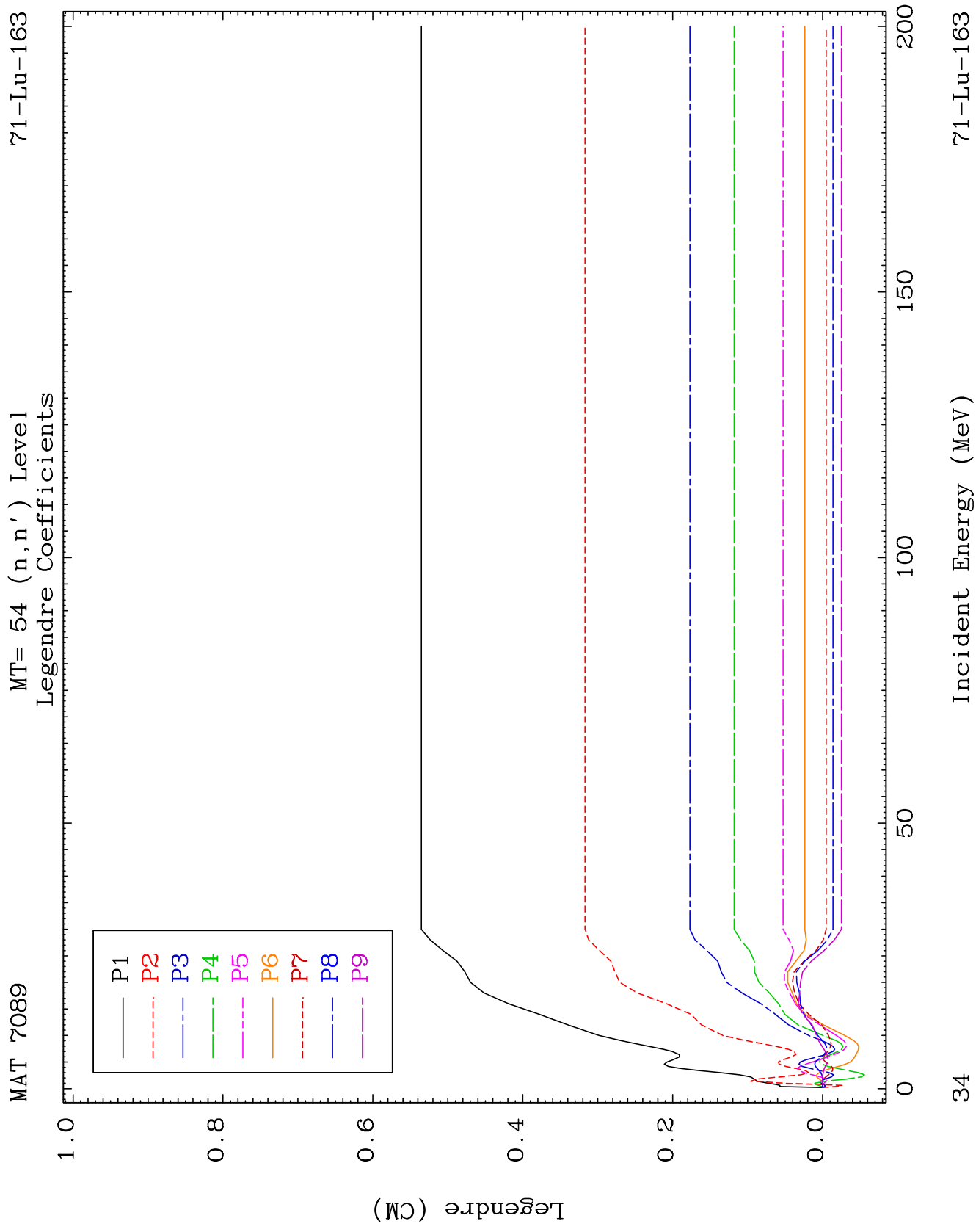
31

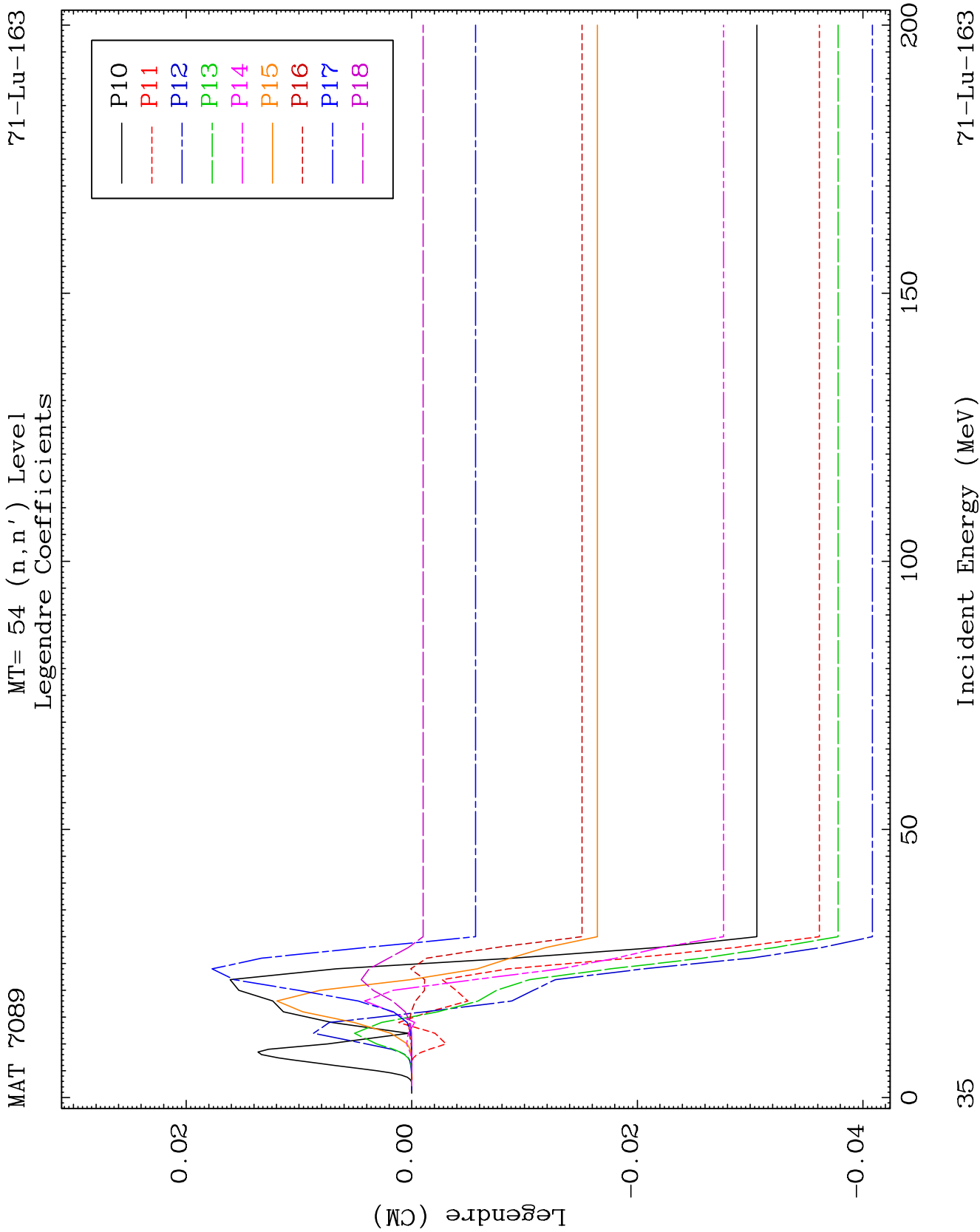
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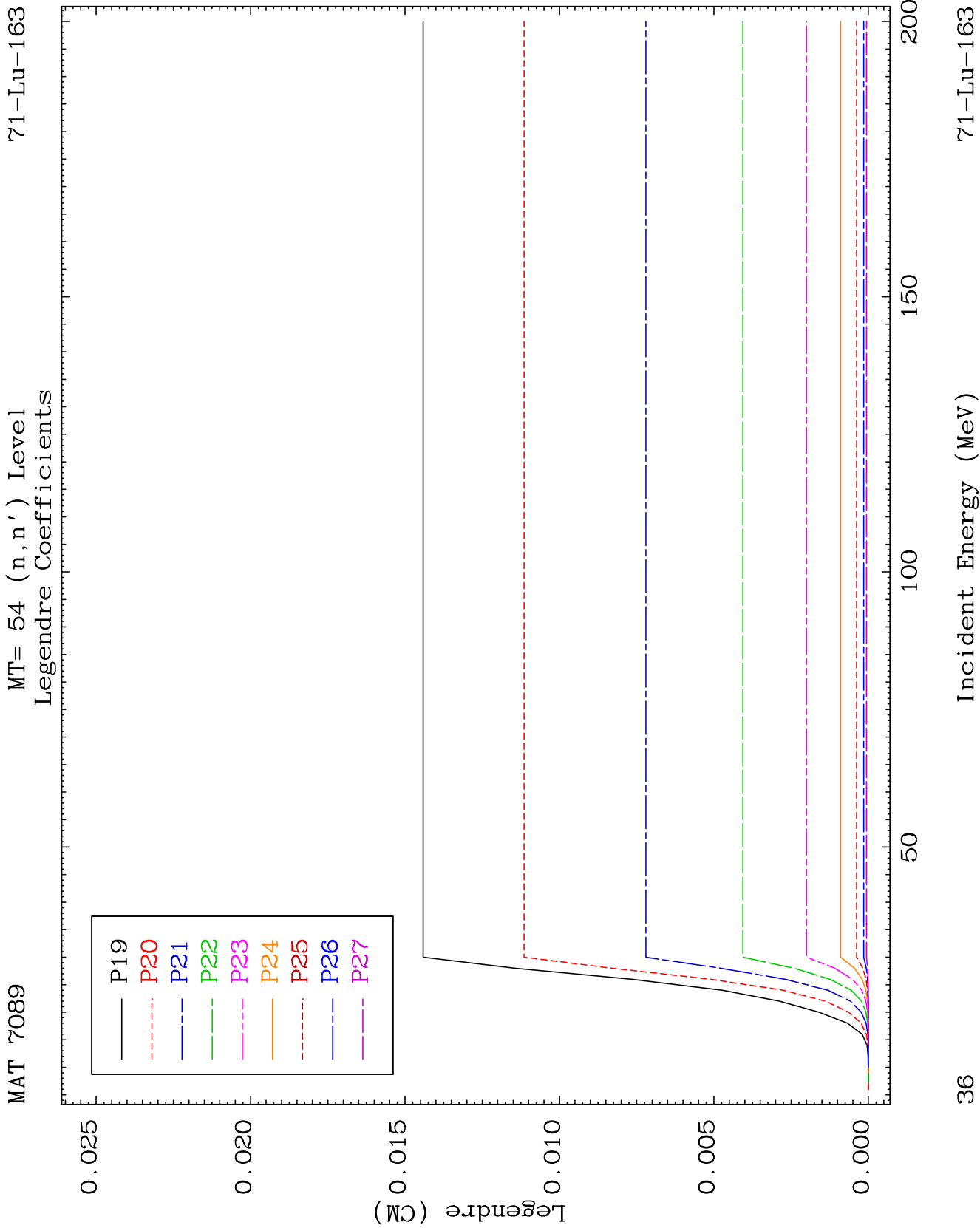
71-Lu-163

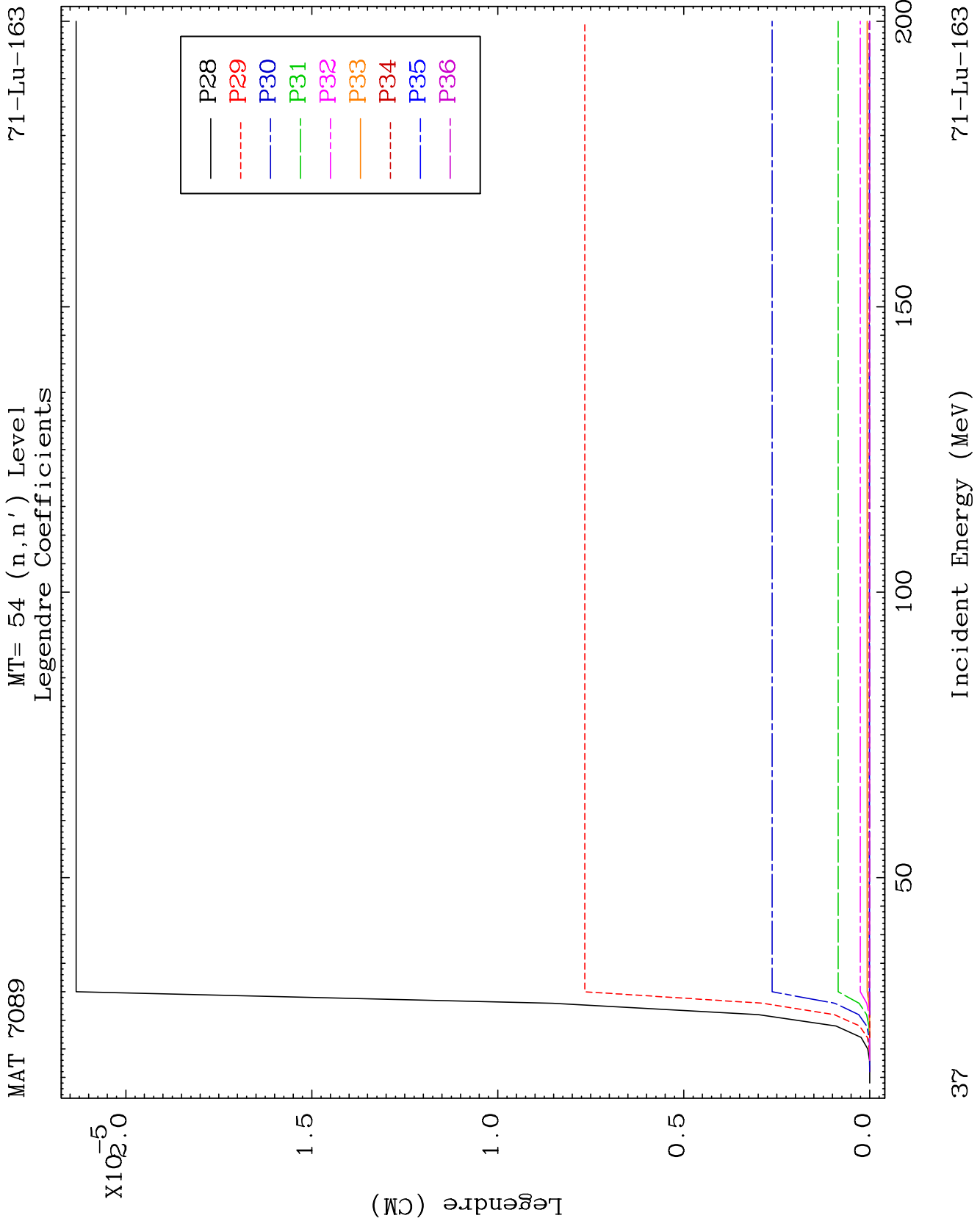


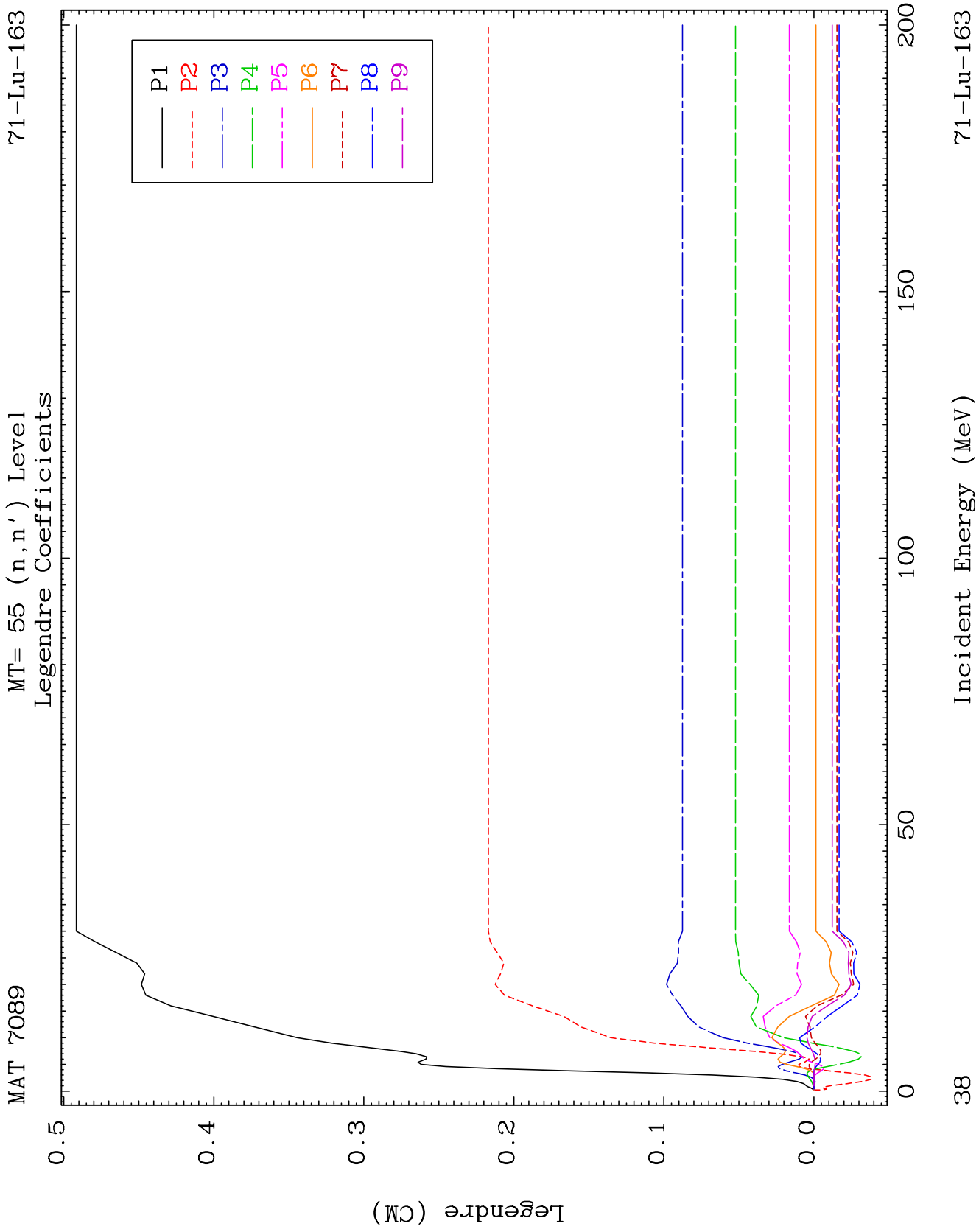








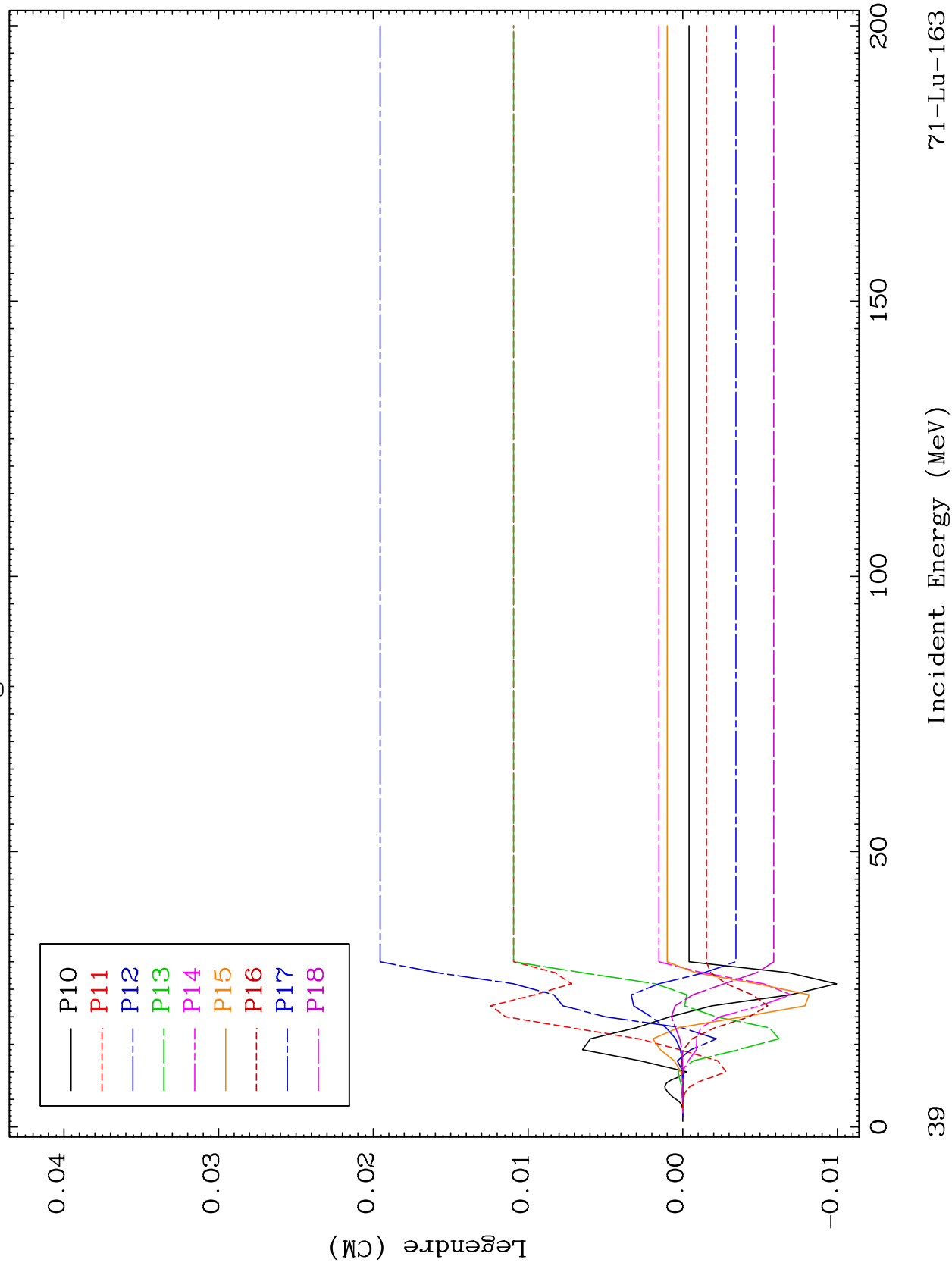




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MT= 55 (n, n') Level
Legendre Coefficients

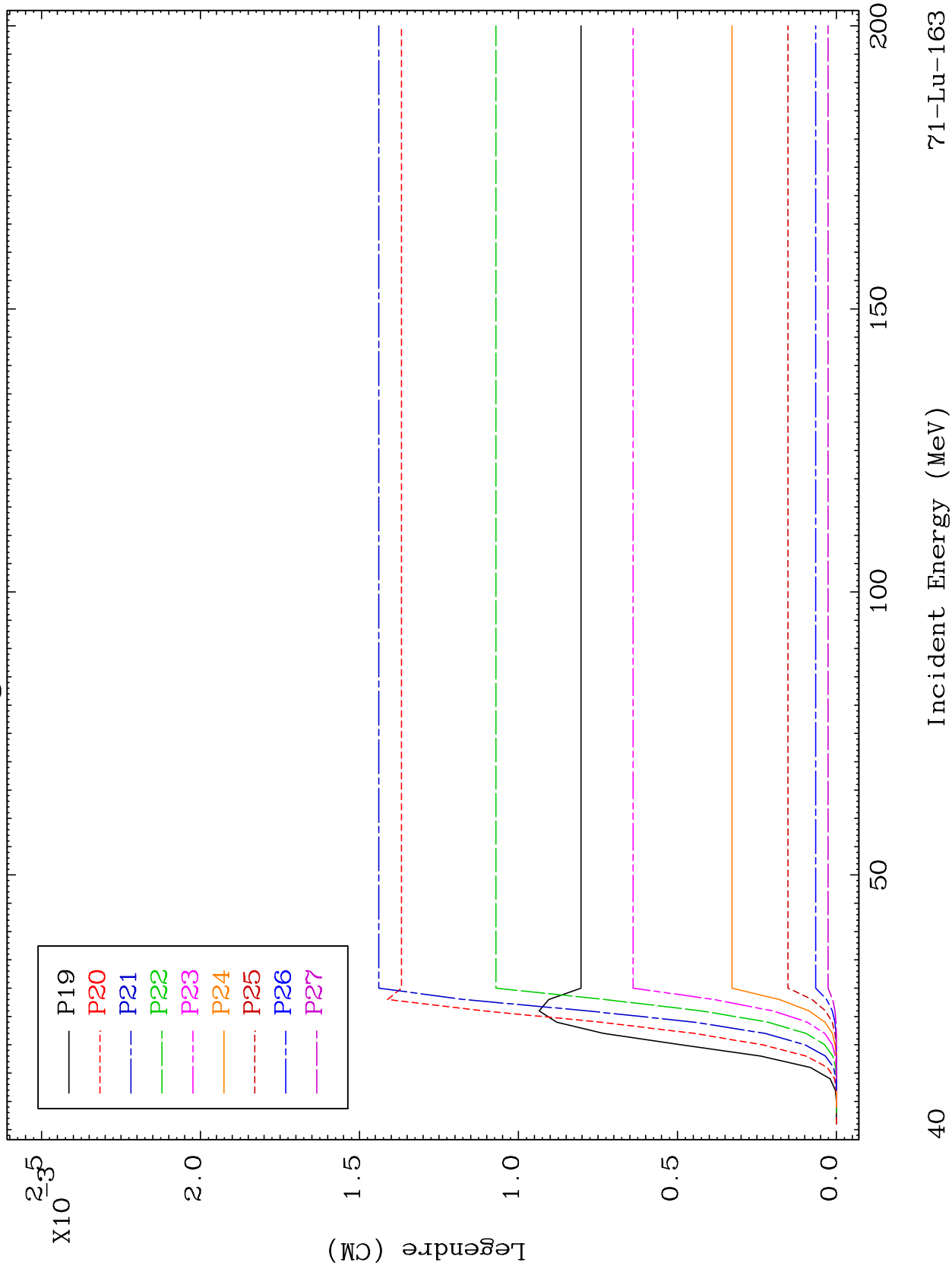
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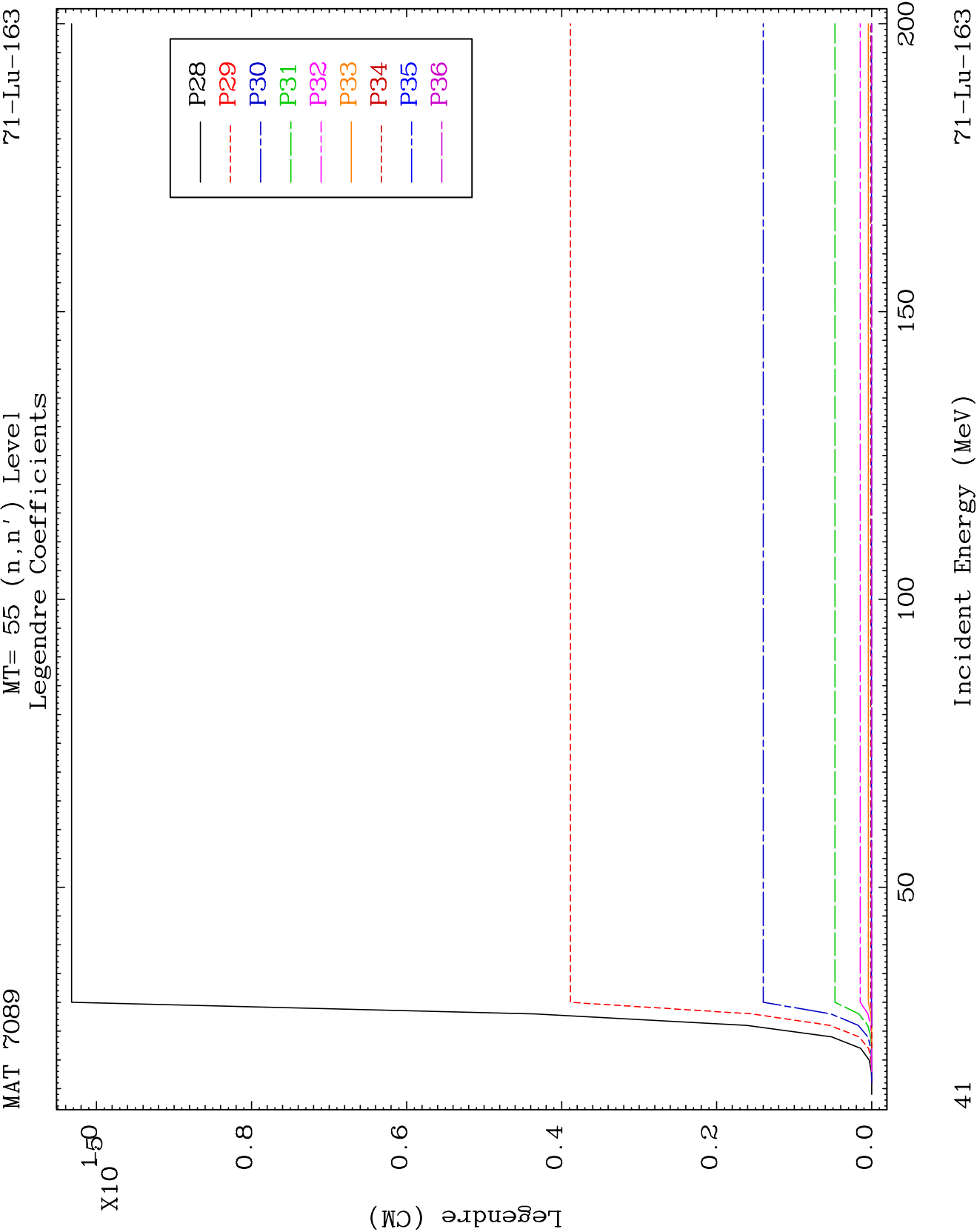


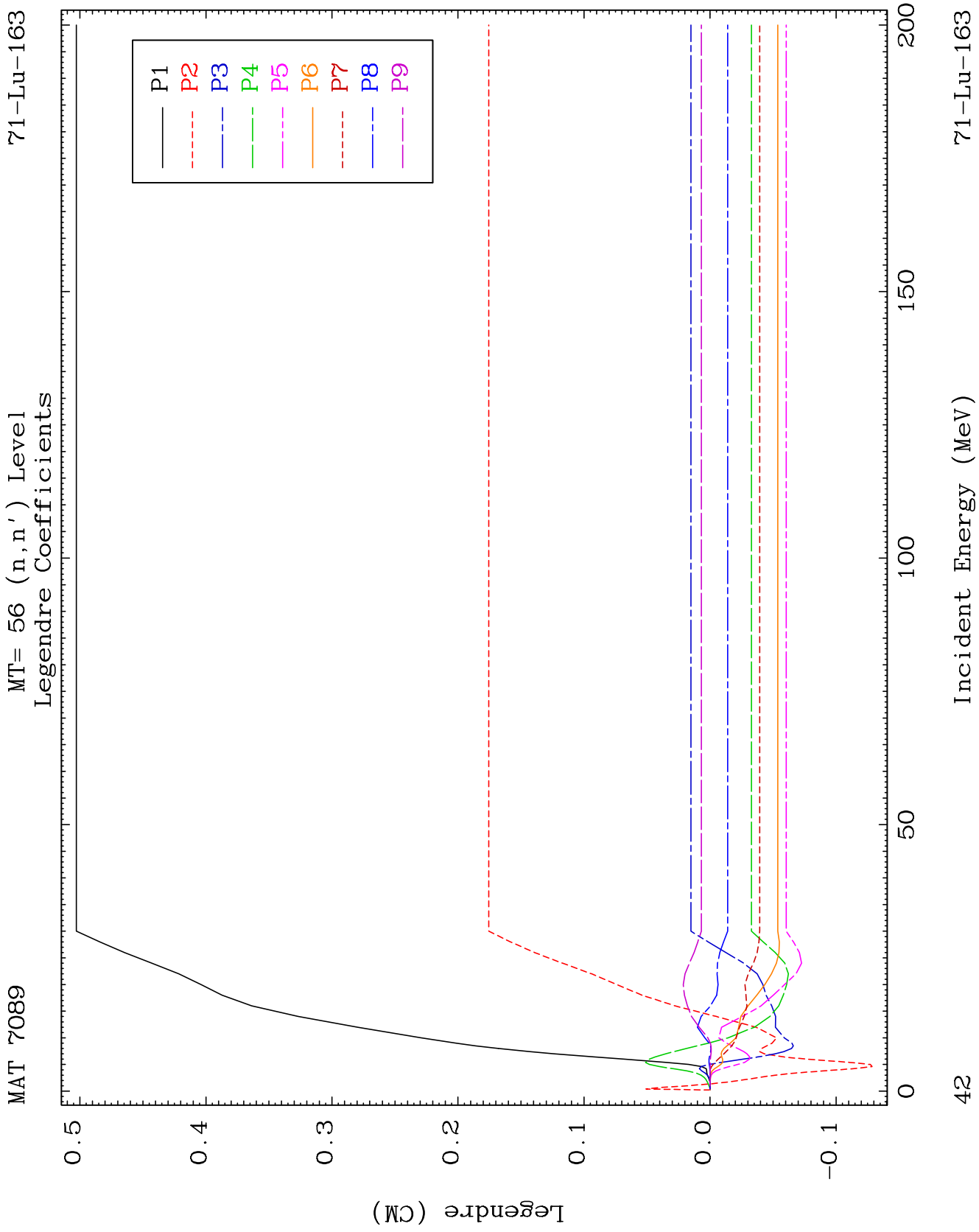
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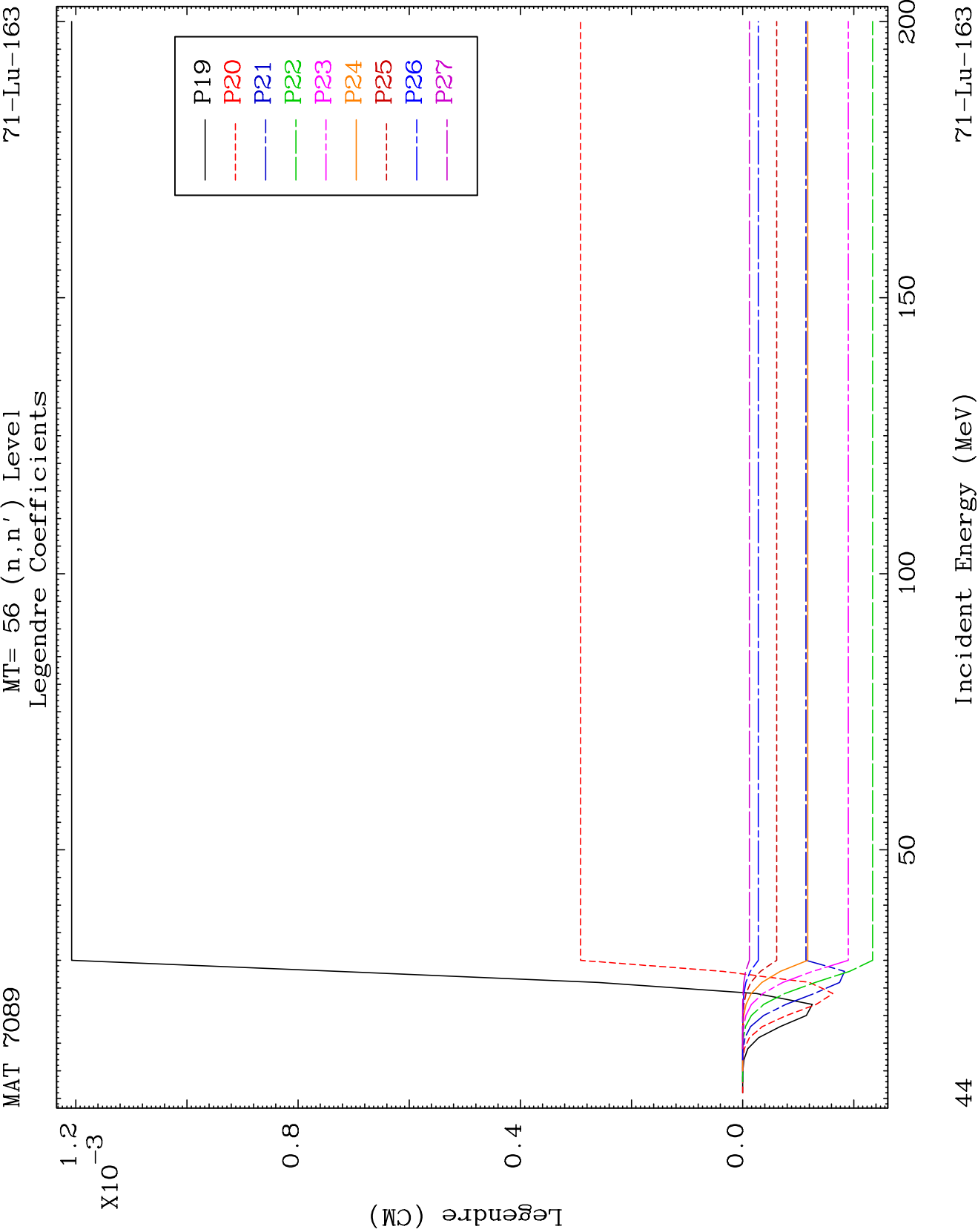
MT= 55 (n, n') Level
Legendre Coefficients

71-Lu-163





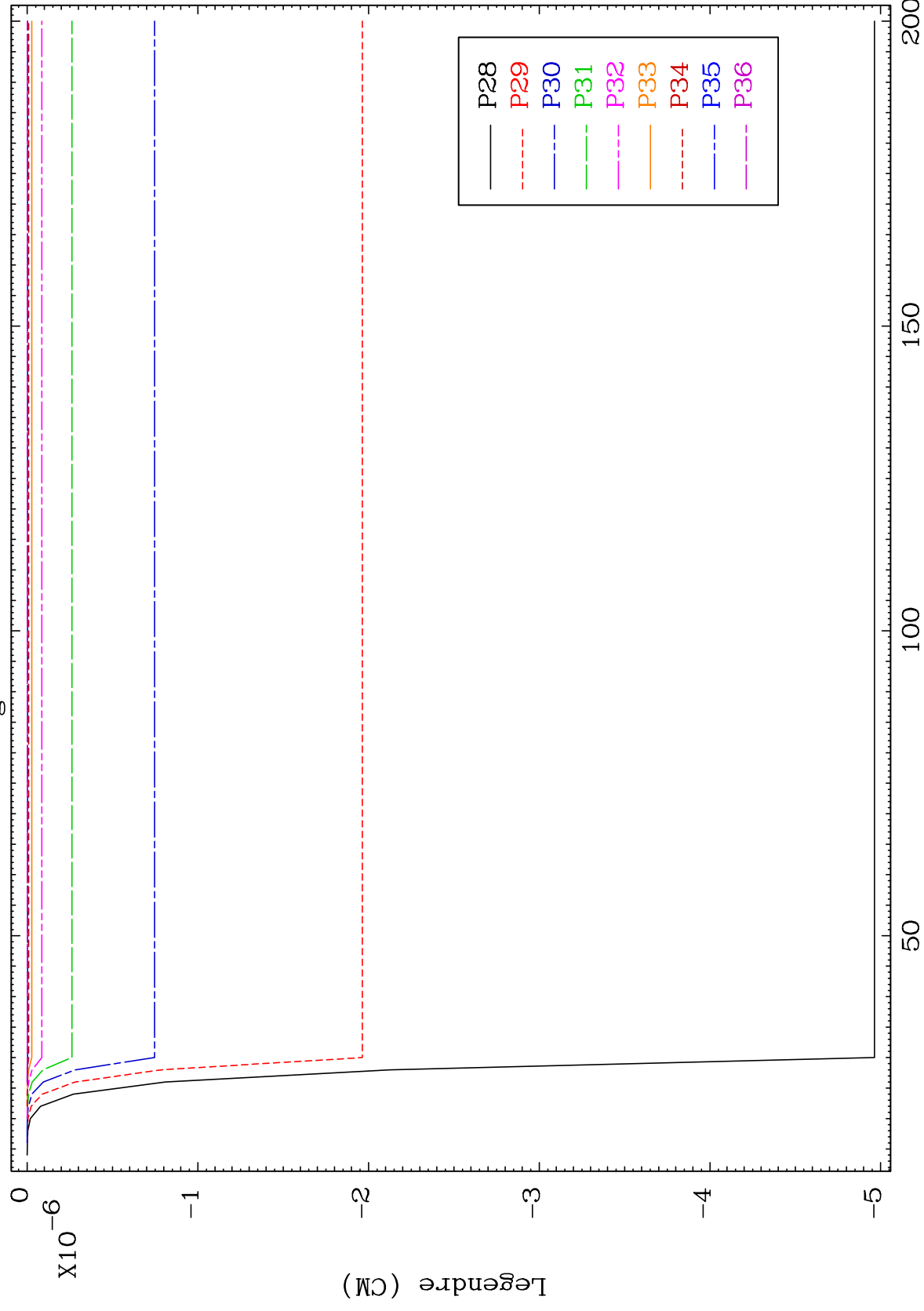




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MT= 56 (n, n') Level
Legendre Coefficients

71-Lu-163



45

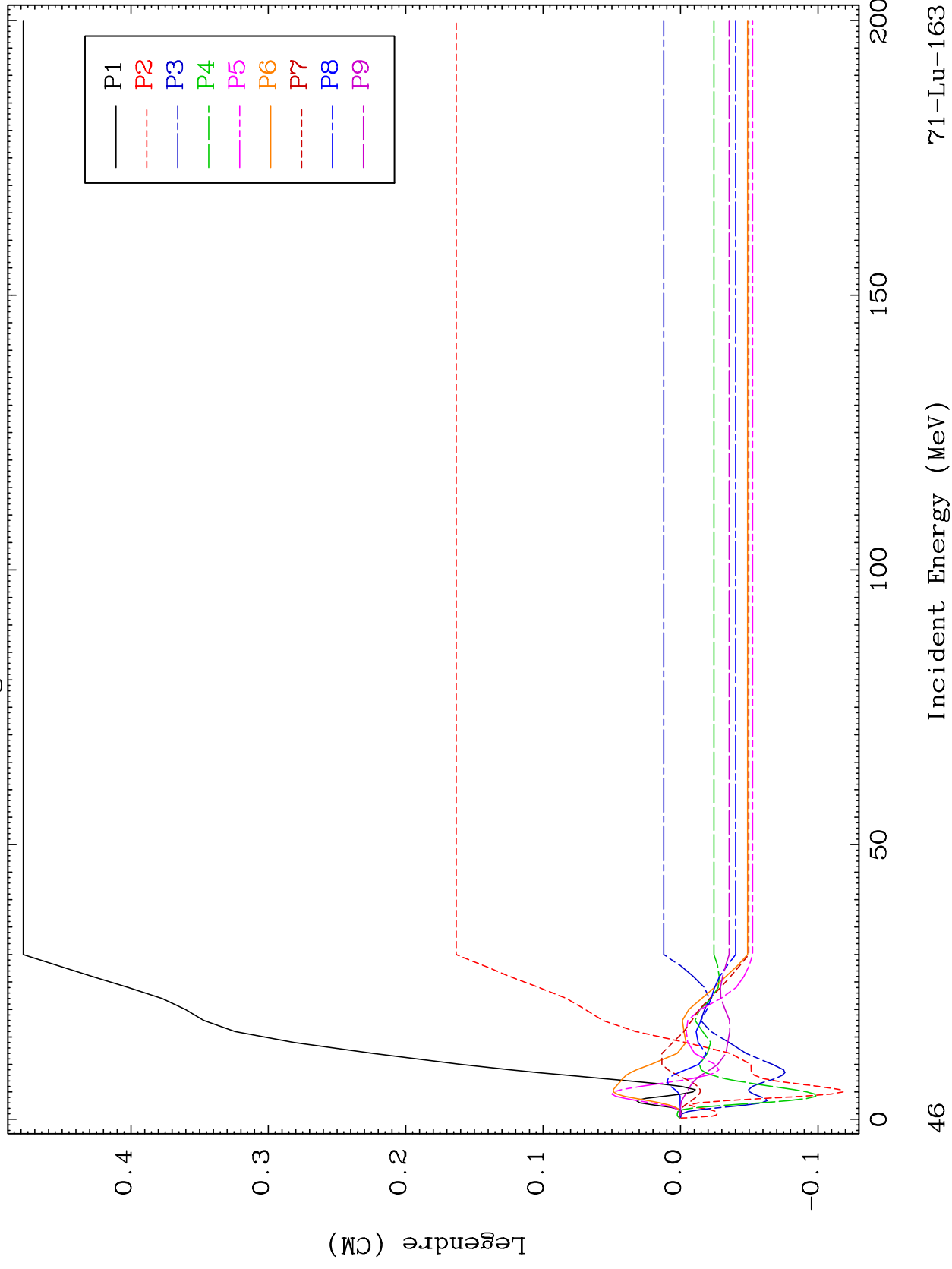
Incident Energy (MeV)

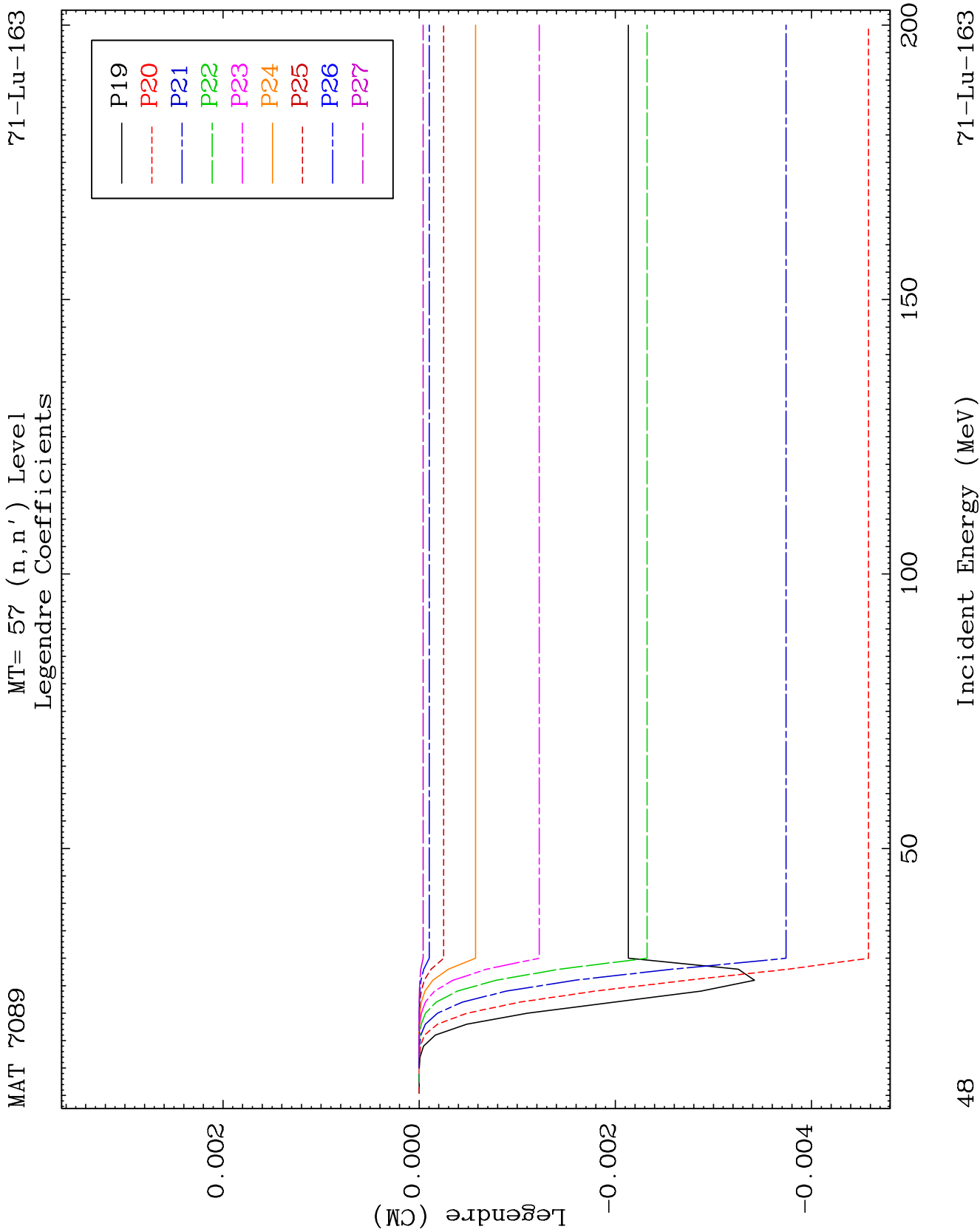
71-Lu-163

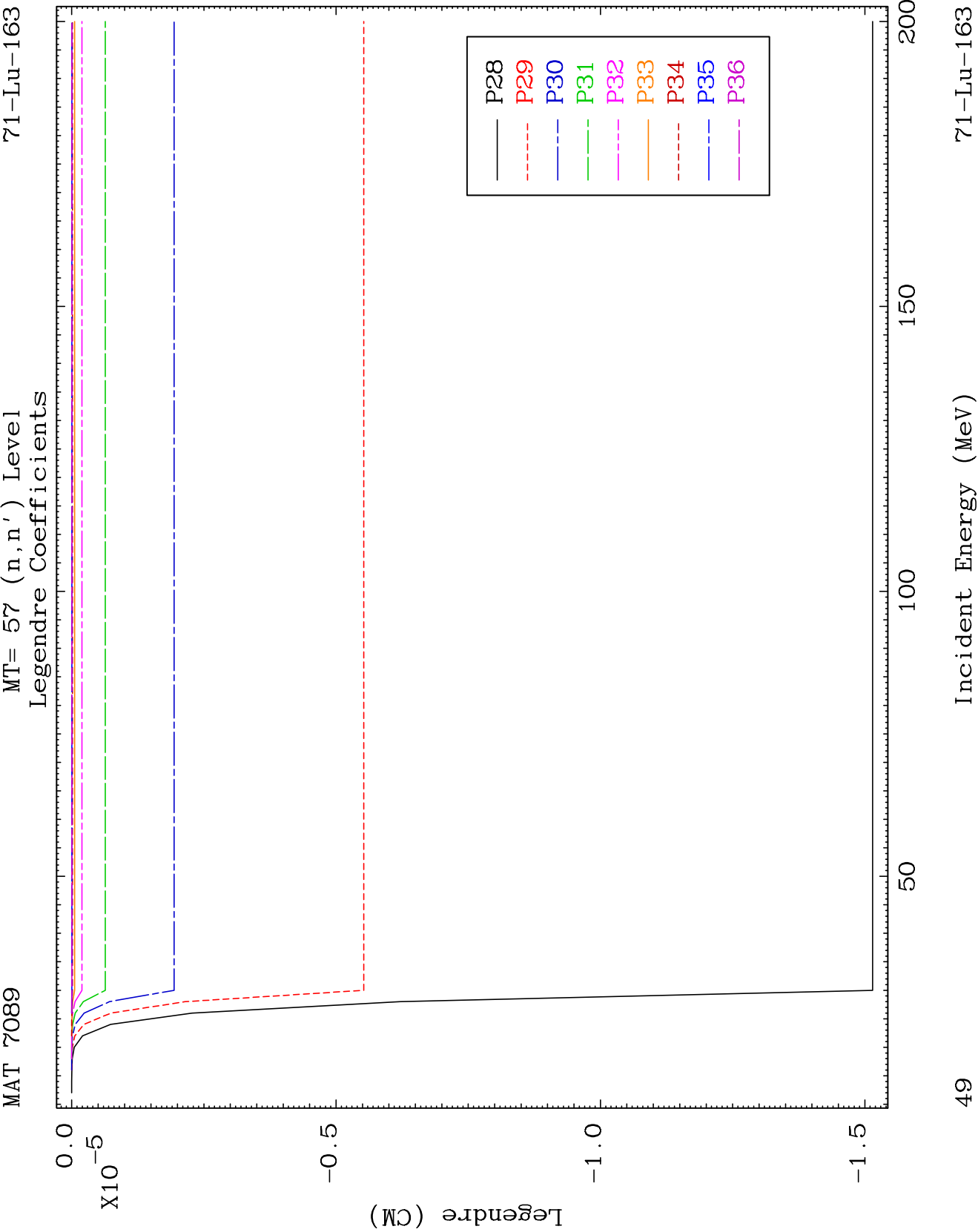
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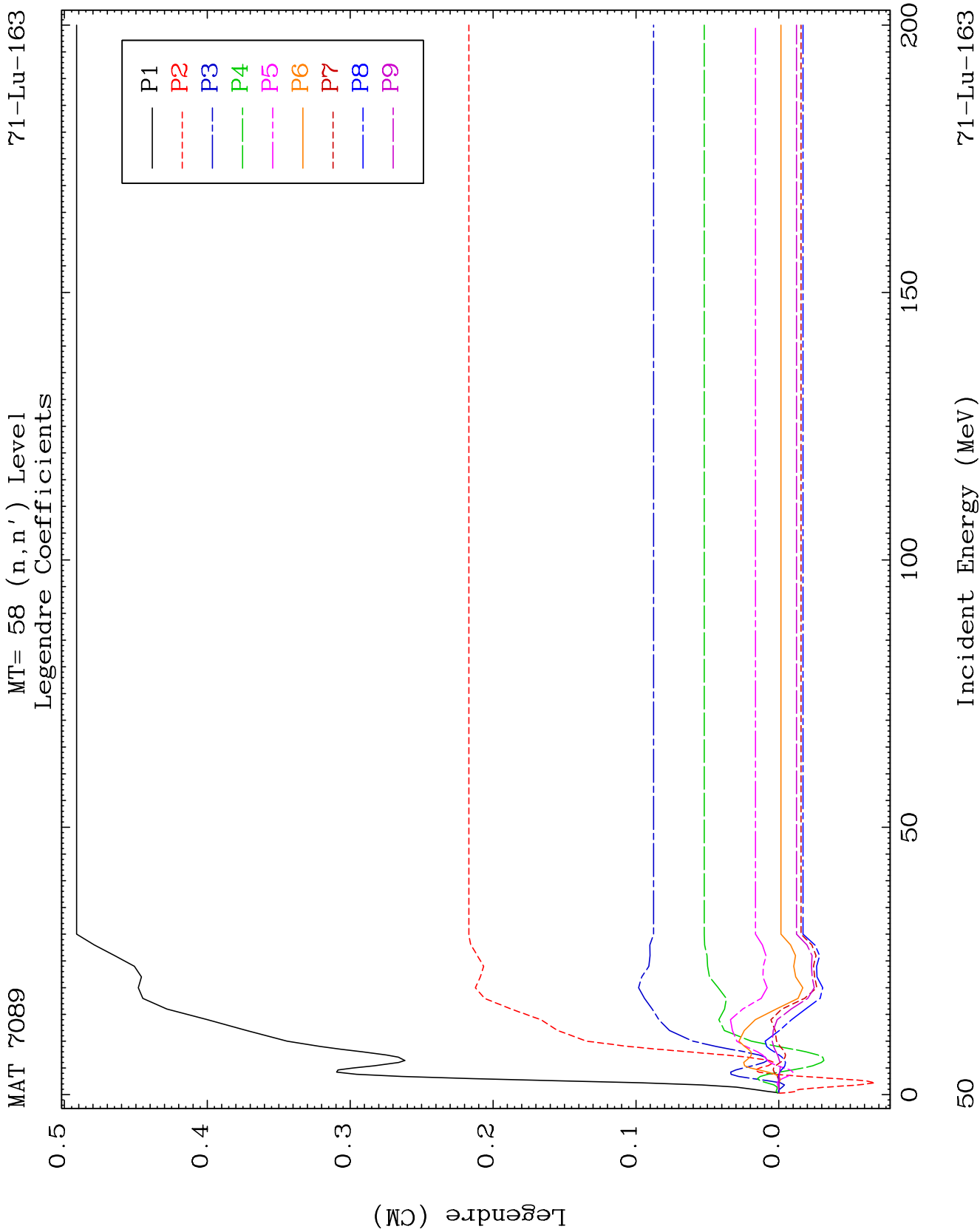
MT= 57 (n, n') Level
Legendre Coefficients

71-Lu-163





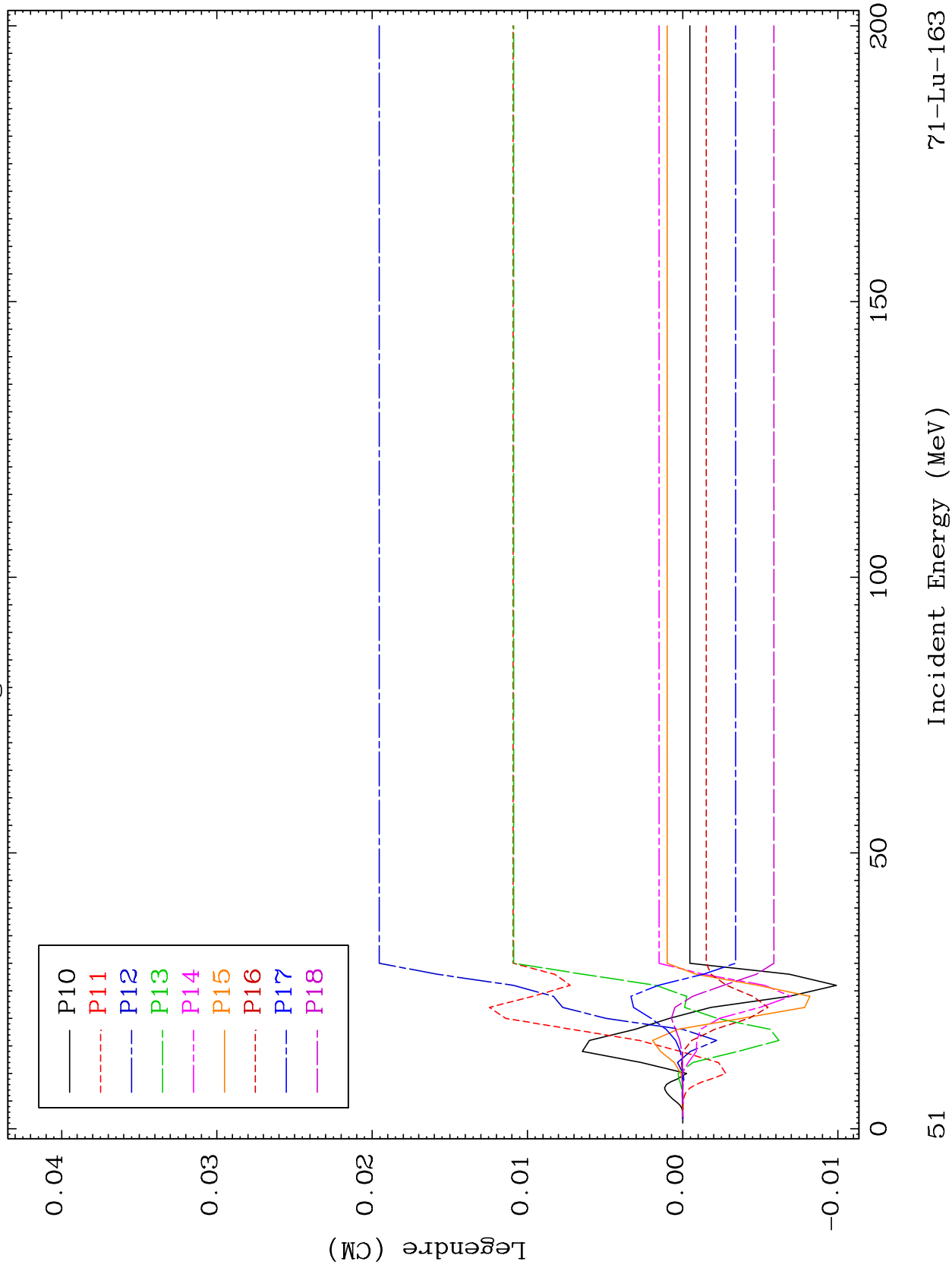


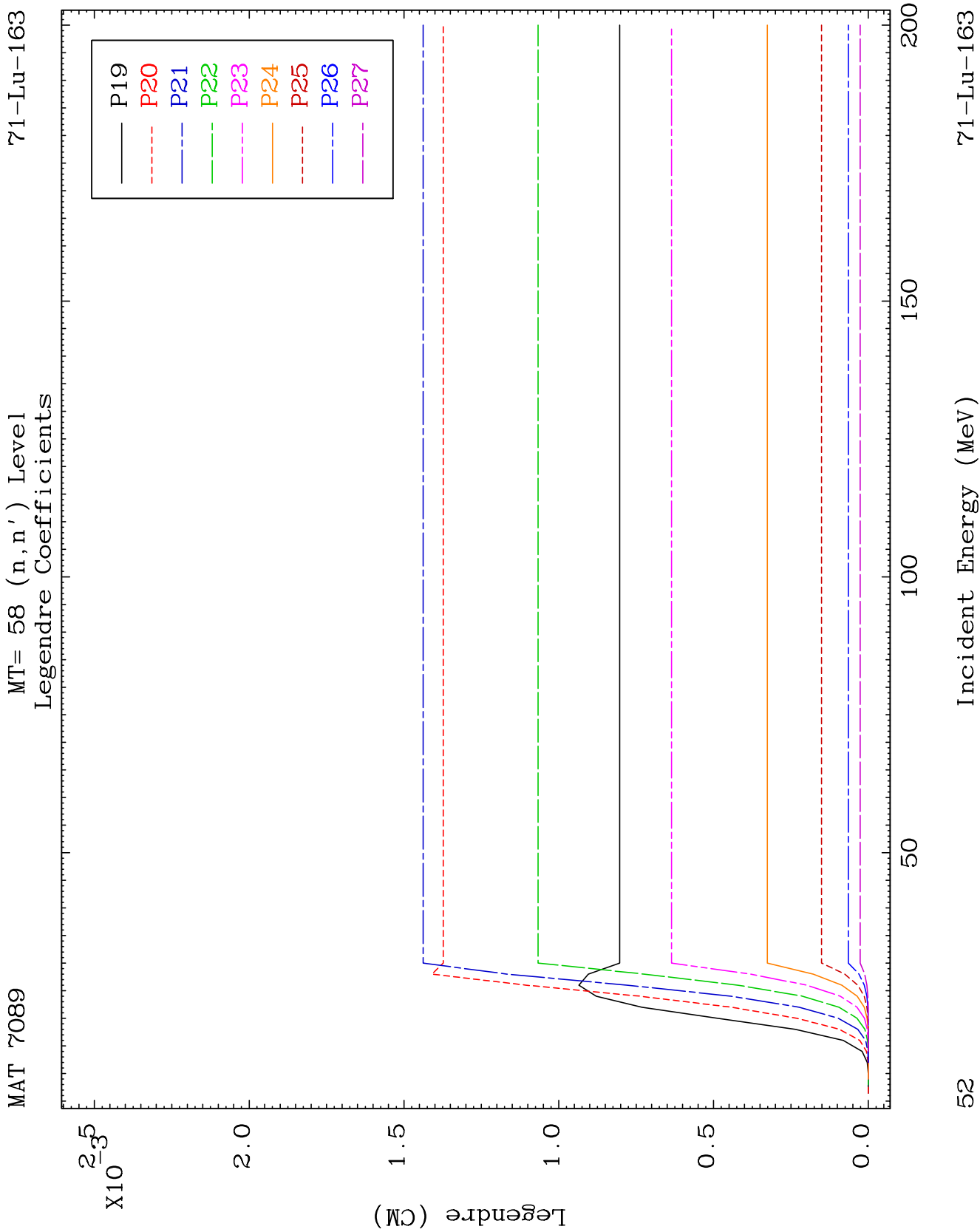


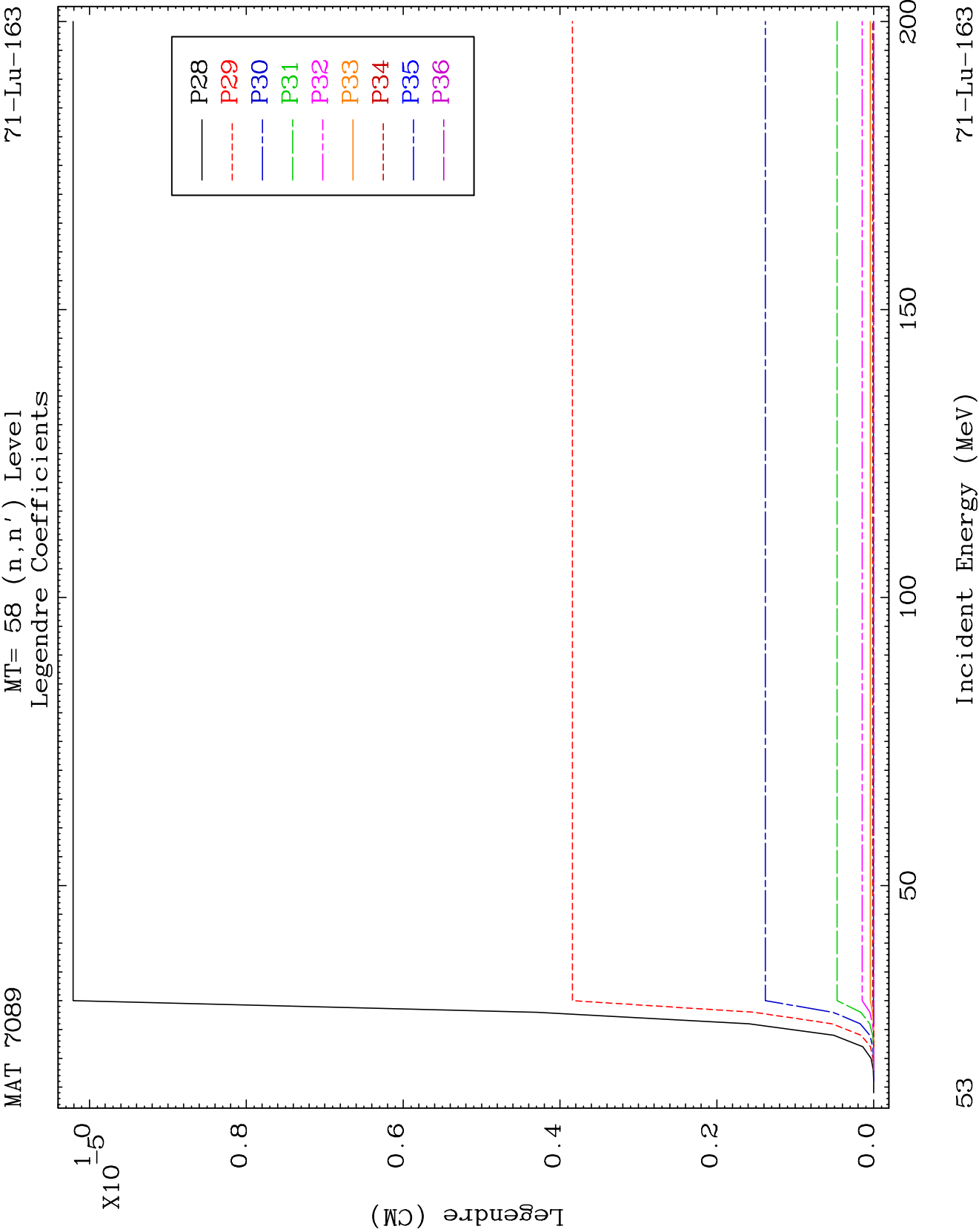
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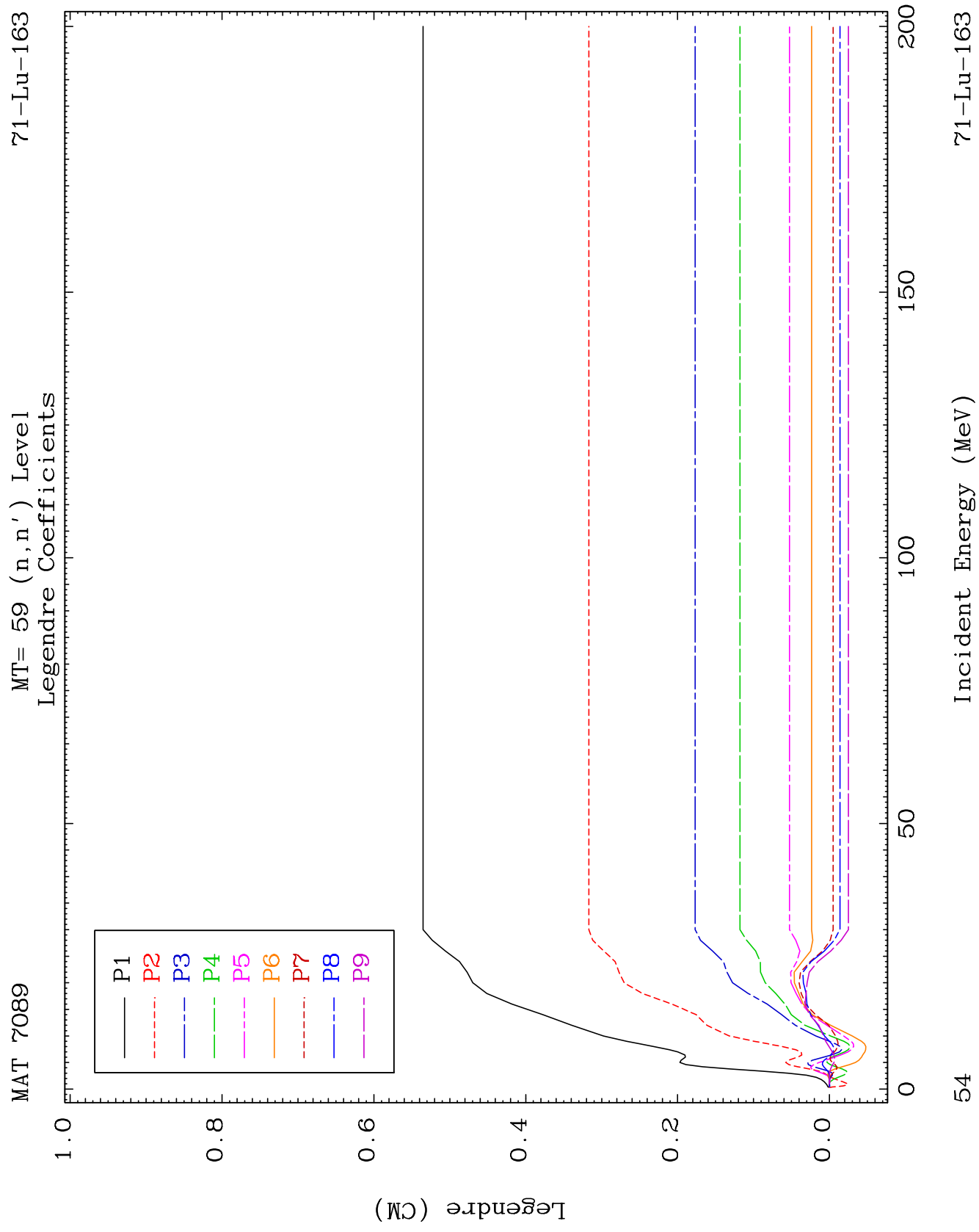
MT= 58 (n, n') Level
Legendre Coefficients

71-Lu-163





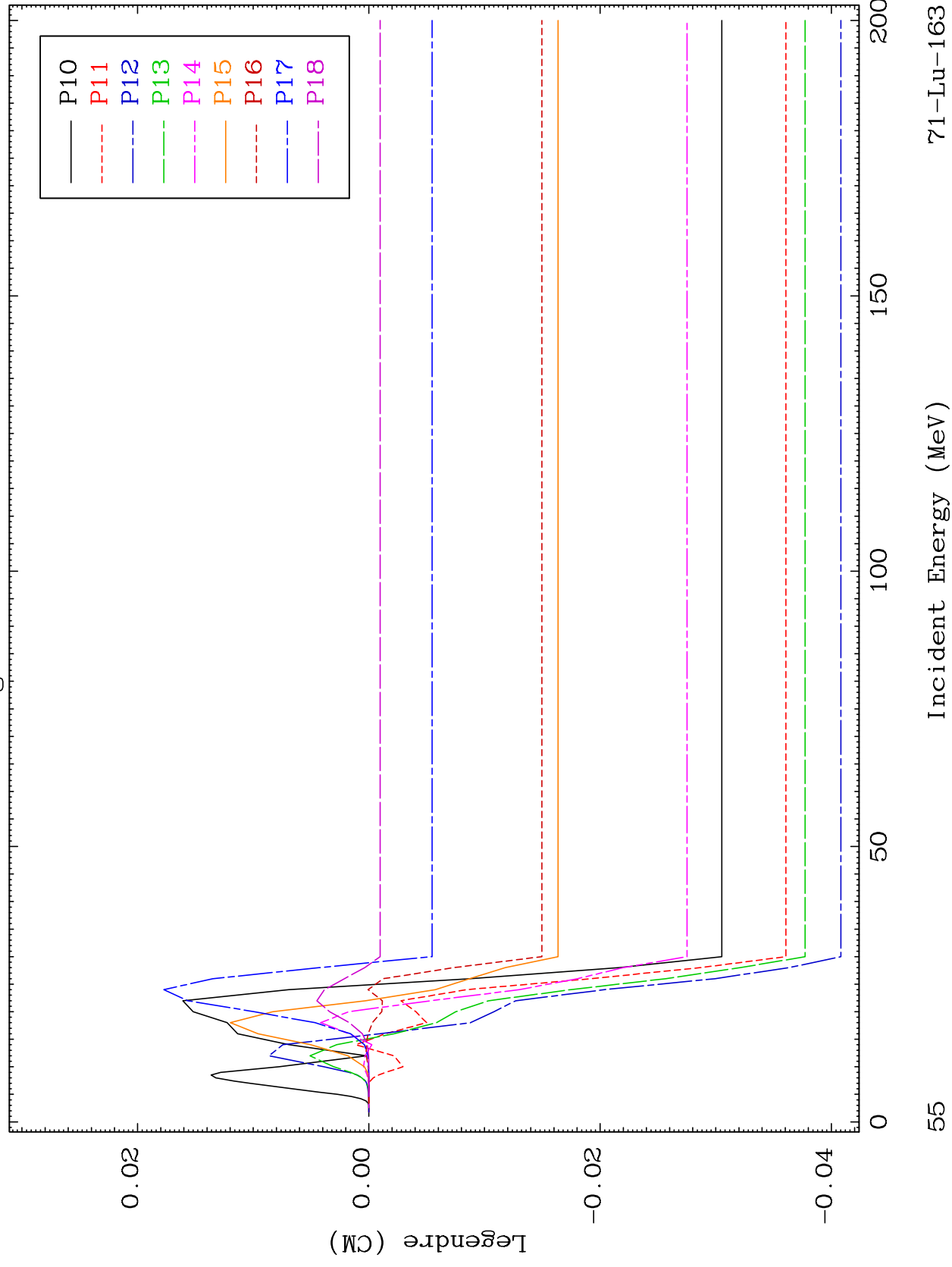




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MT= 59 (n, n') Level
Legendre Coefficients

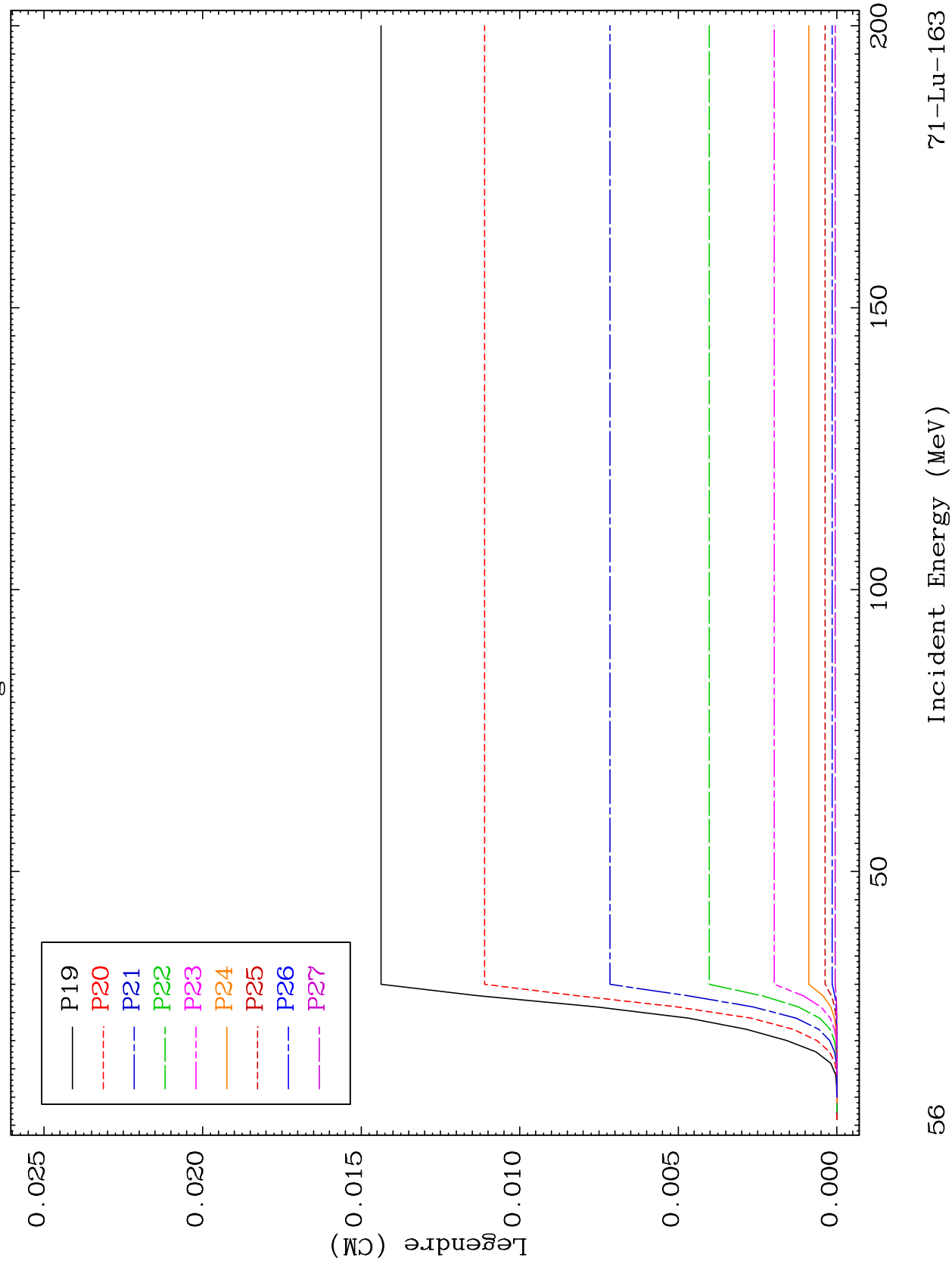
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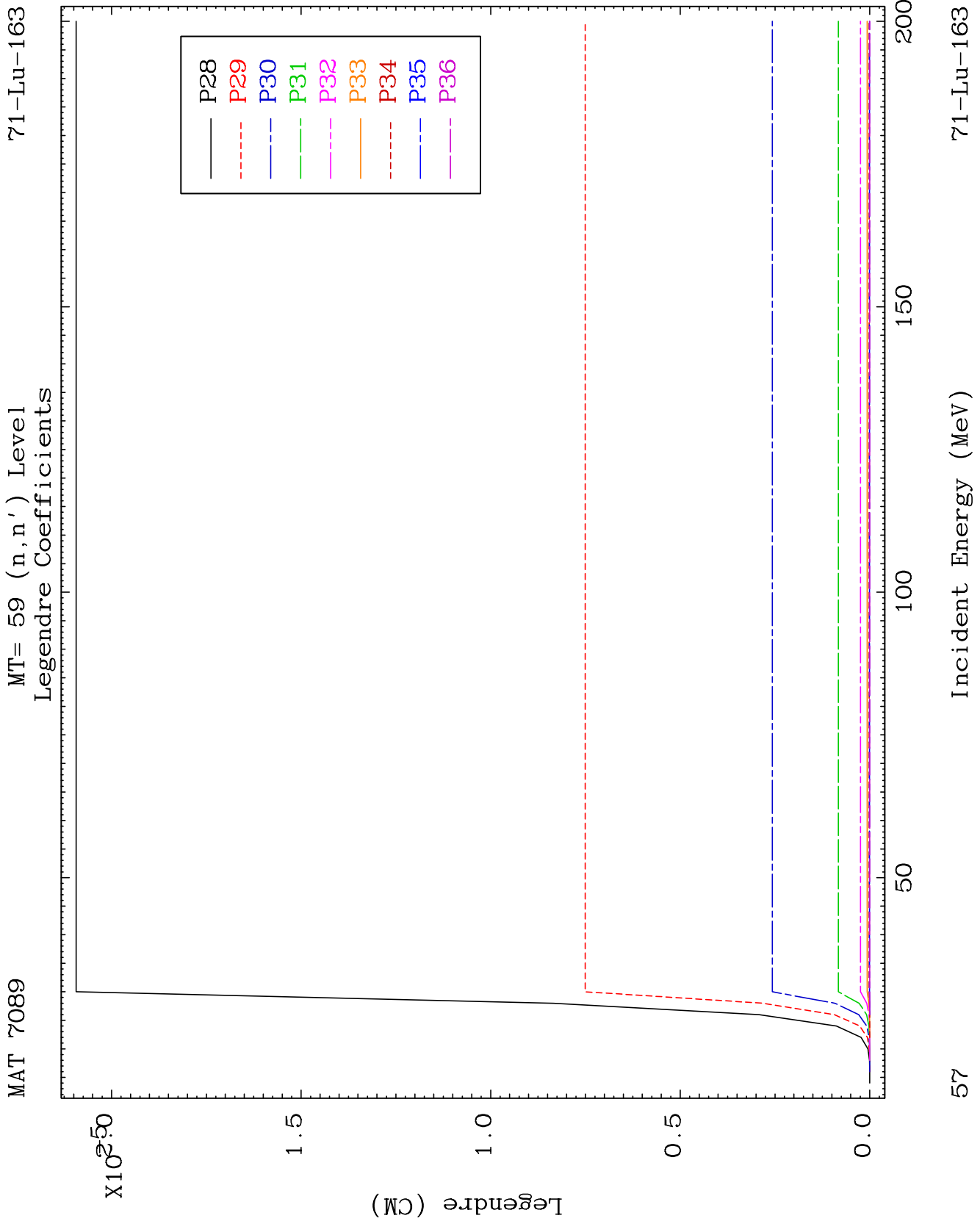


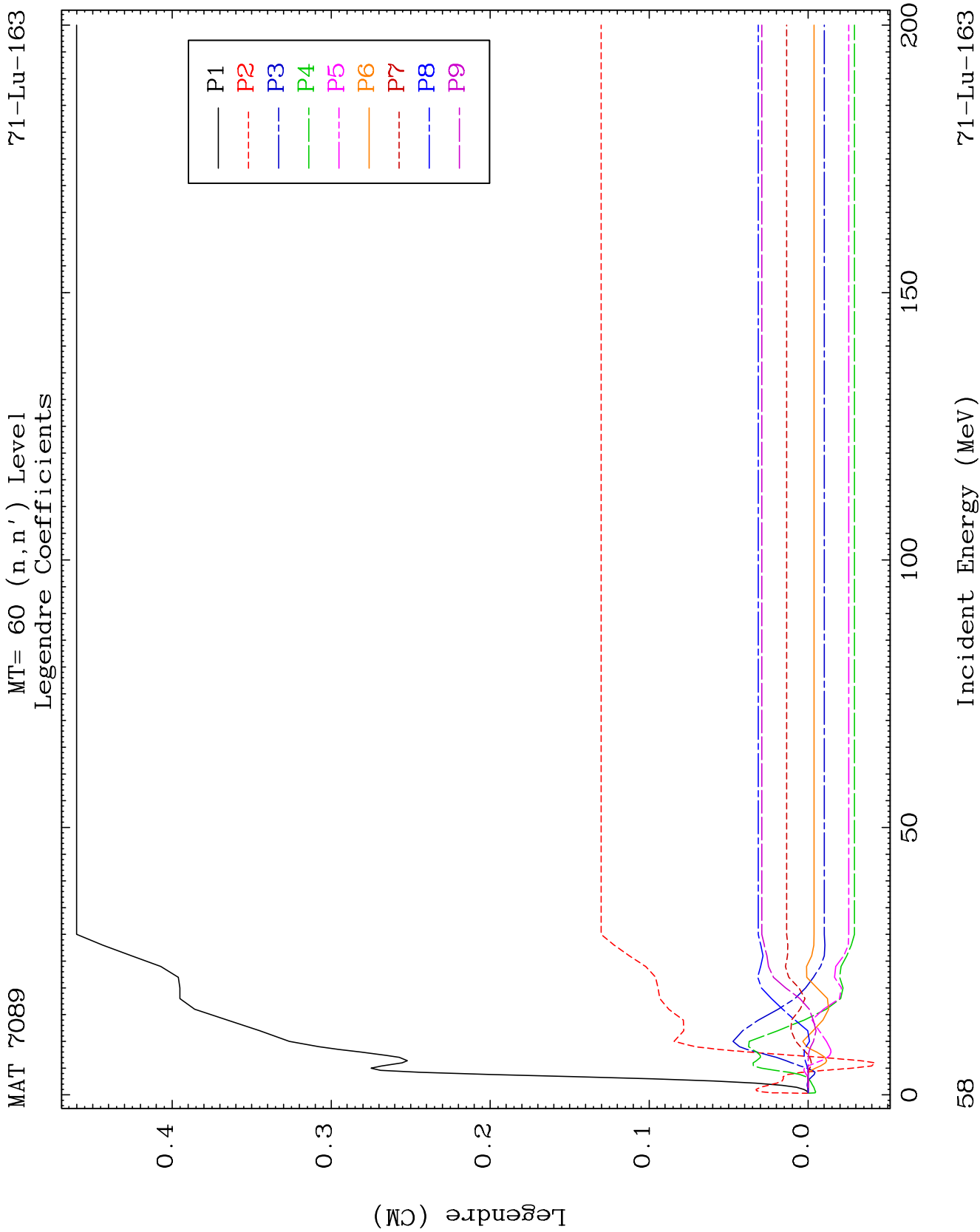
MAT 7089

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

71-Lu-163



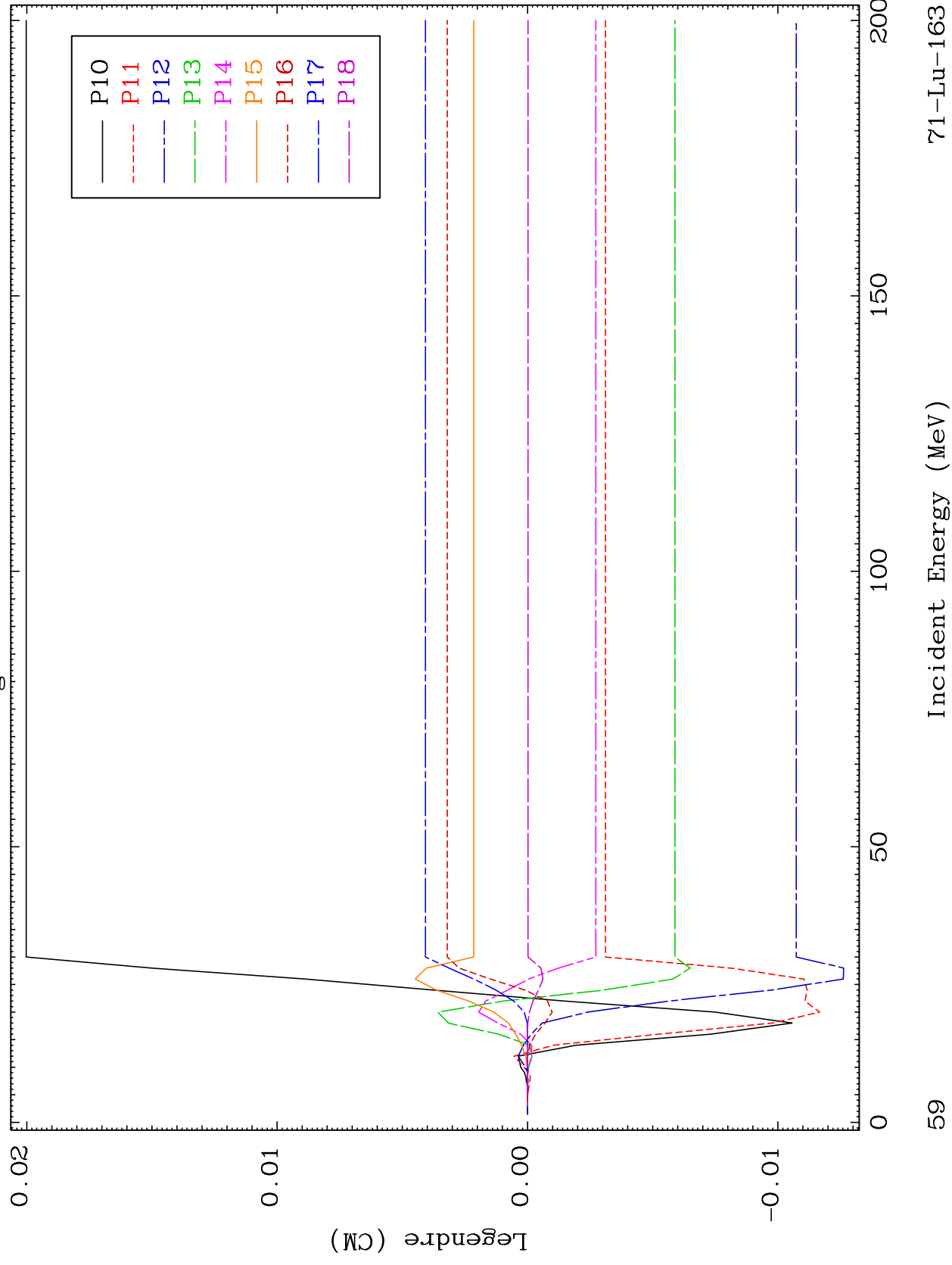


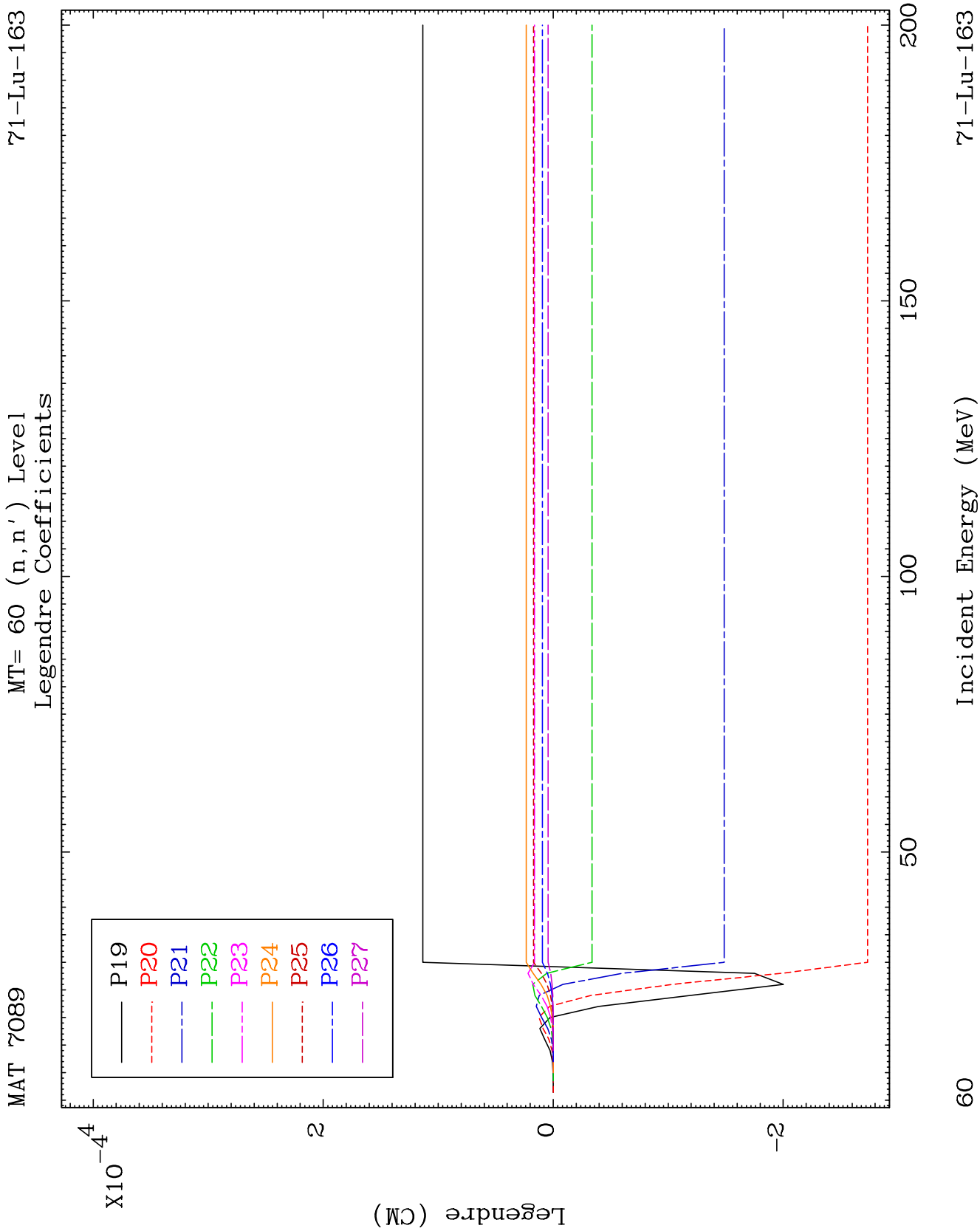


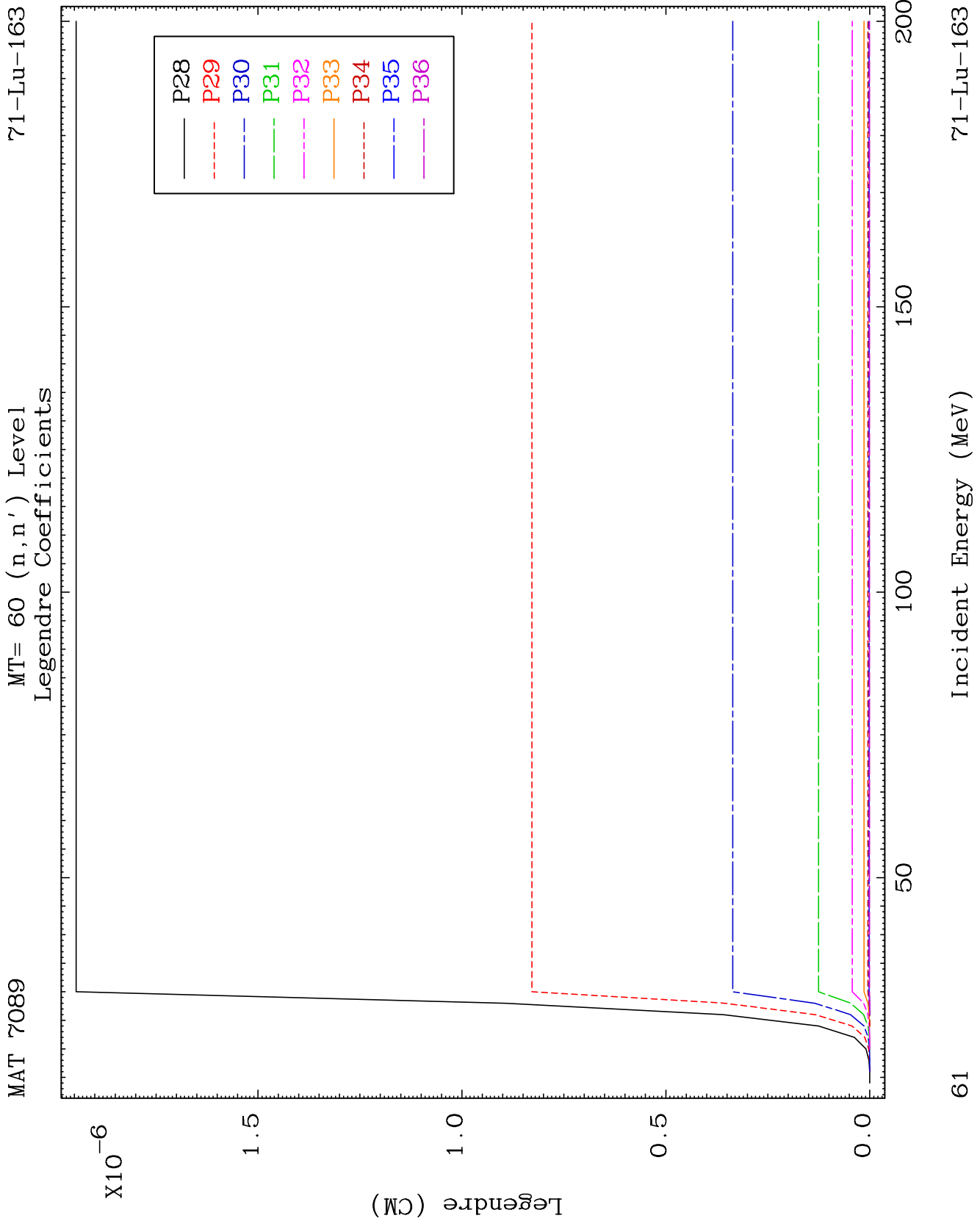
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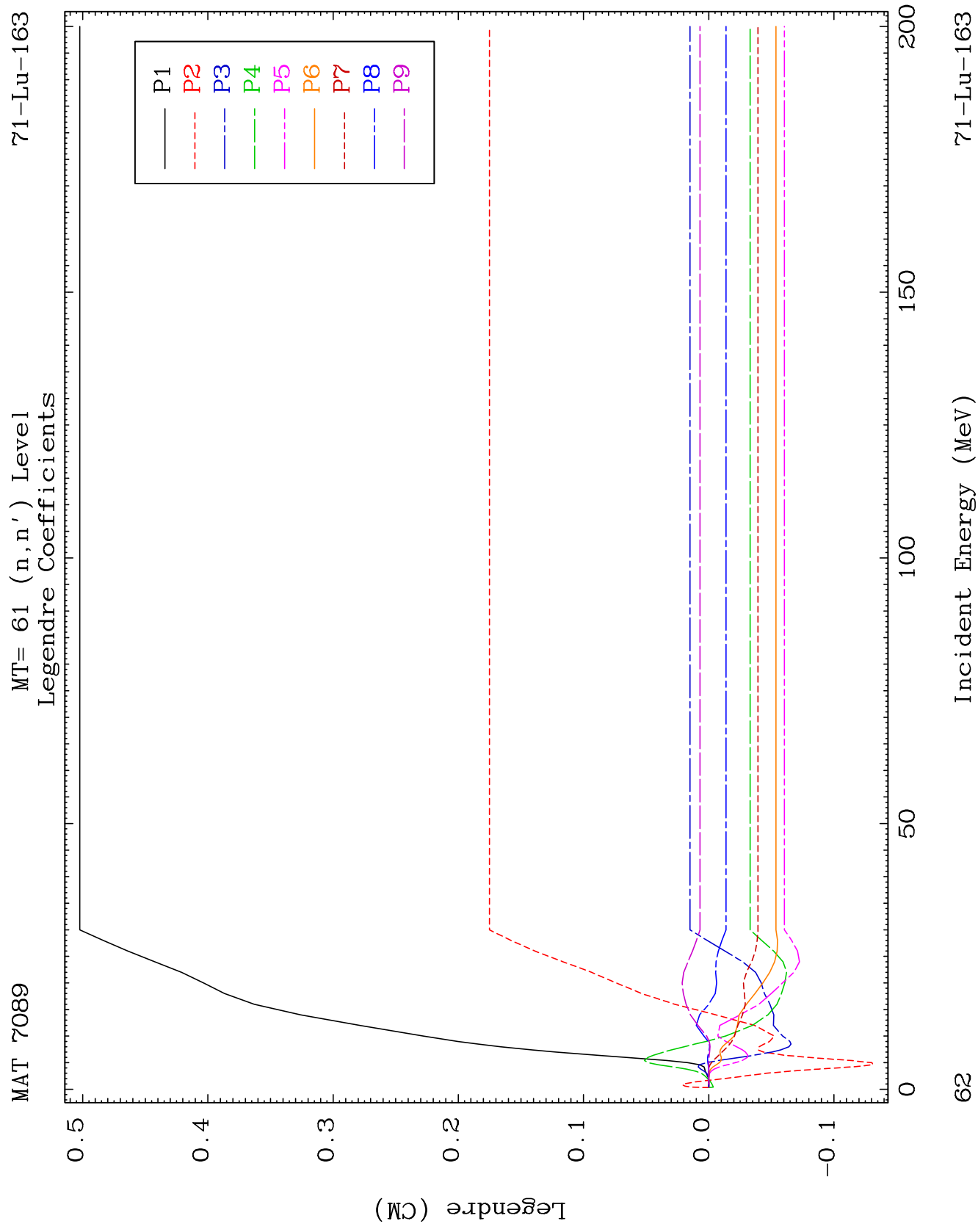
MT= 60 (n, n') Level
Legendre Coefficients

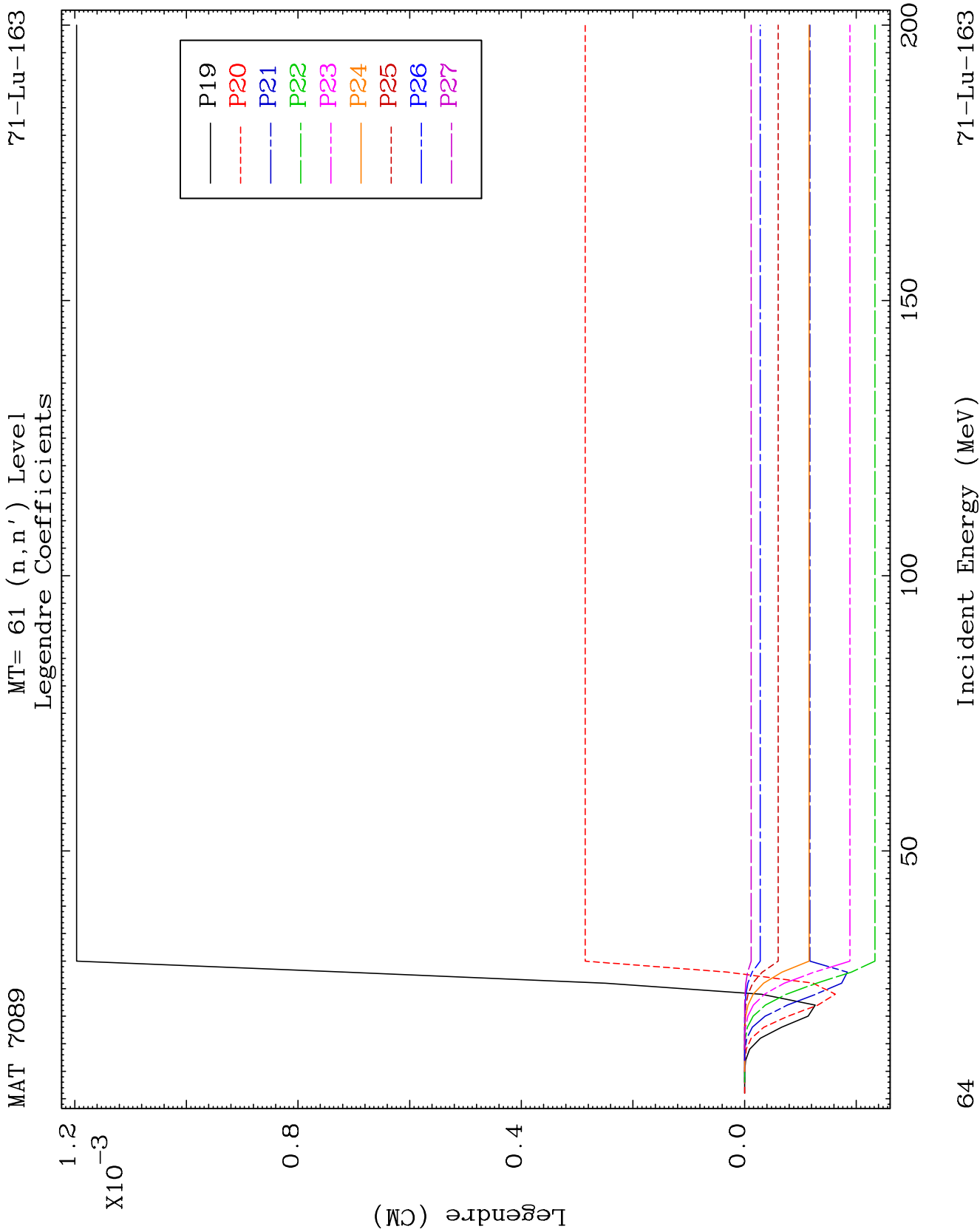
71-Lu-163

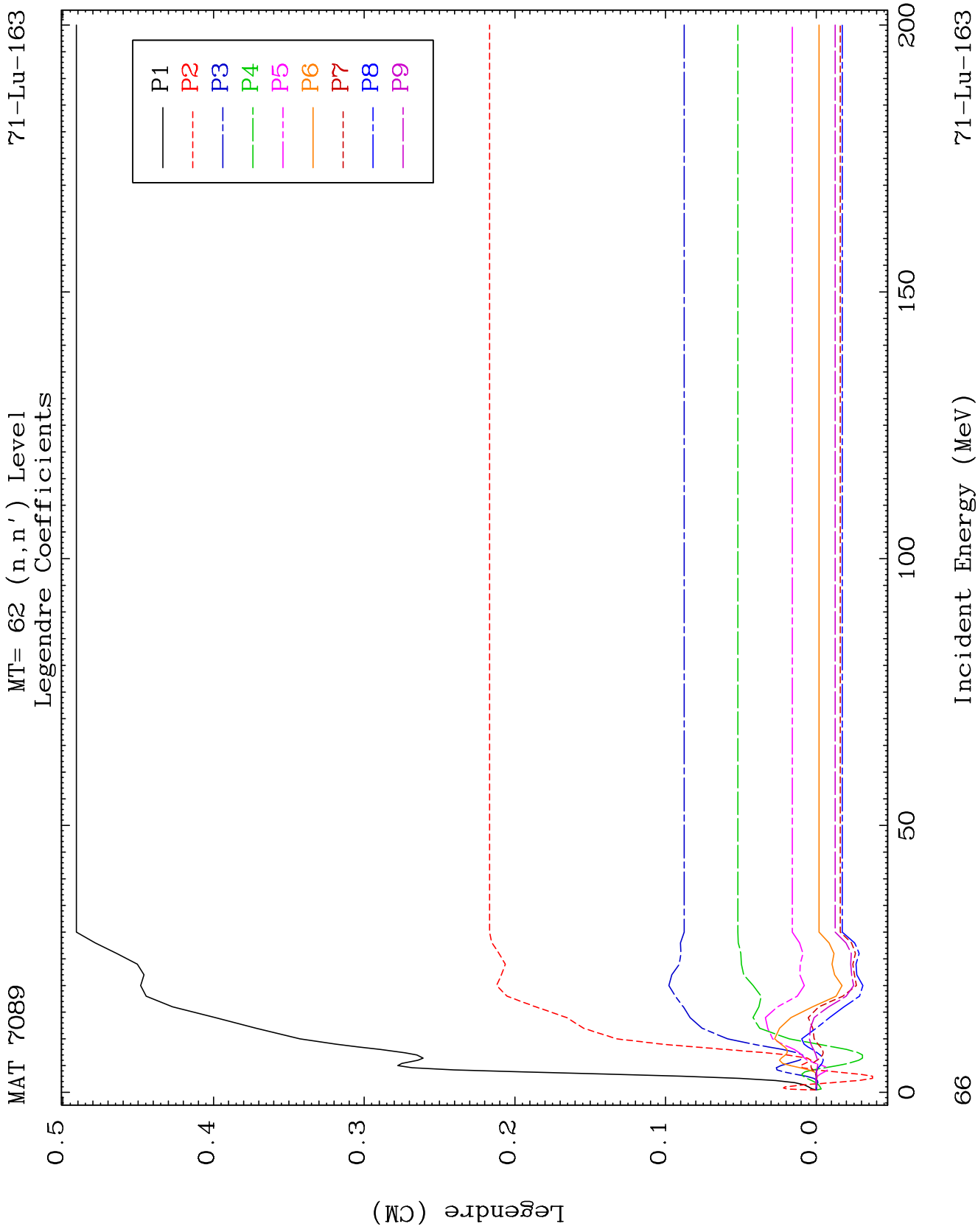


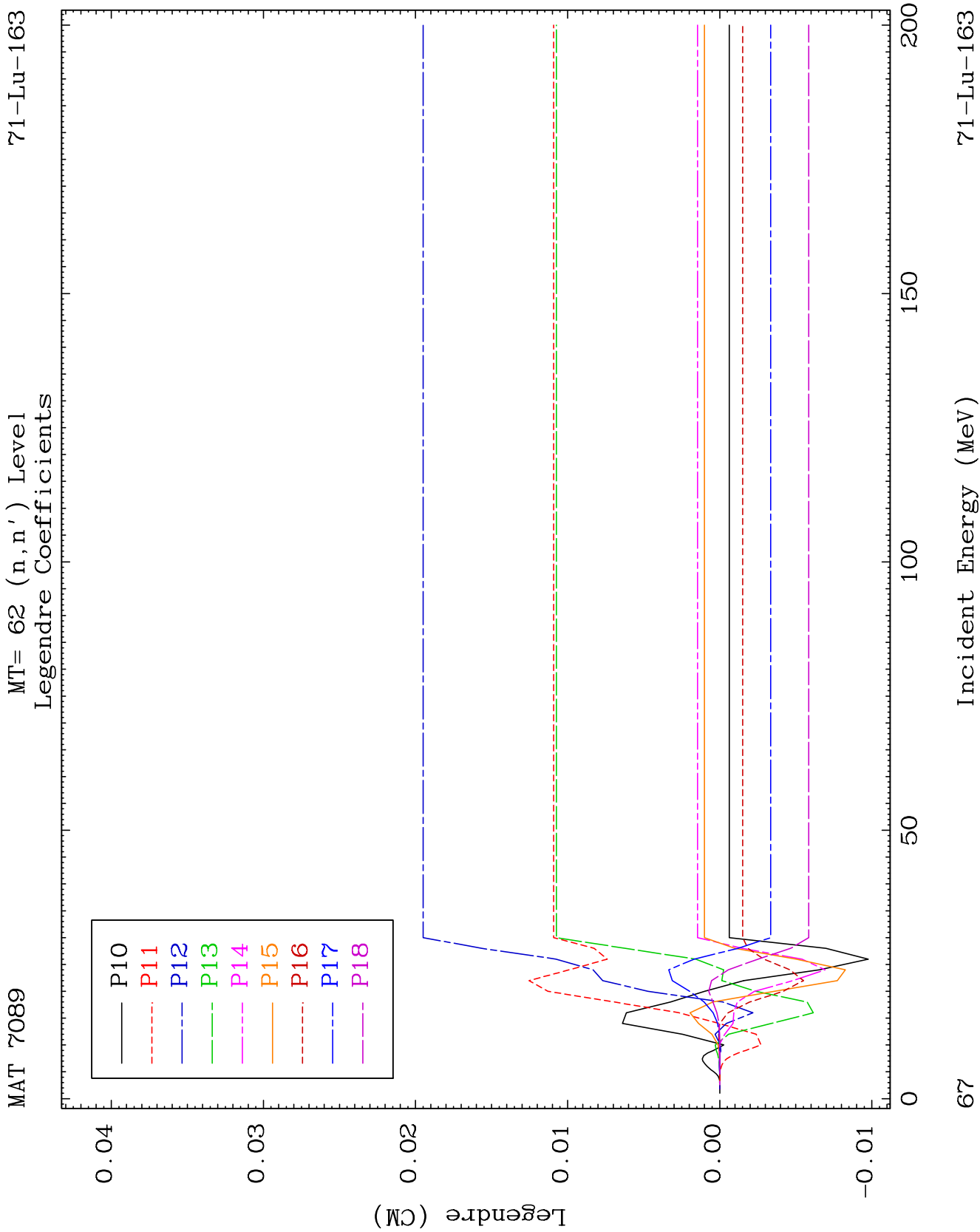








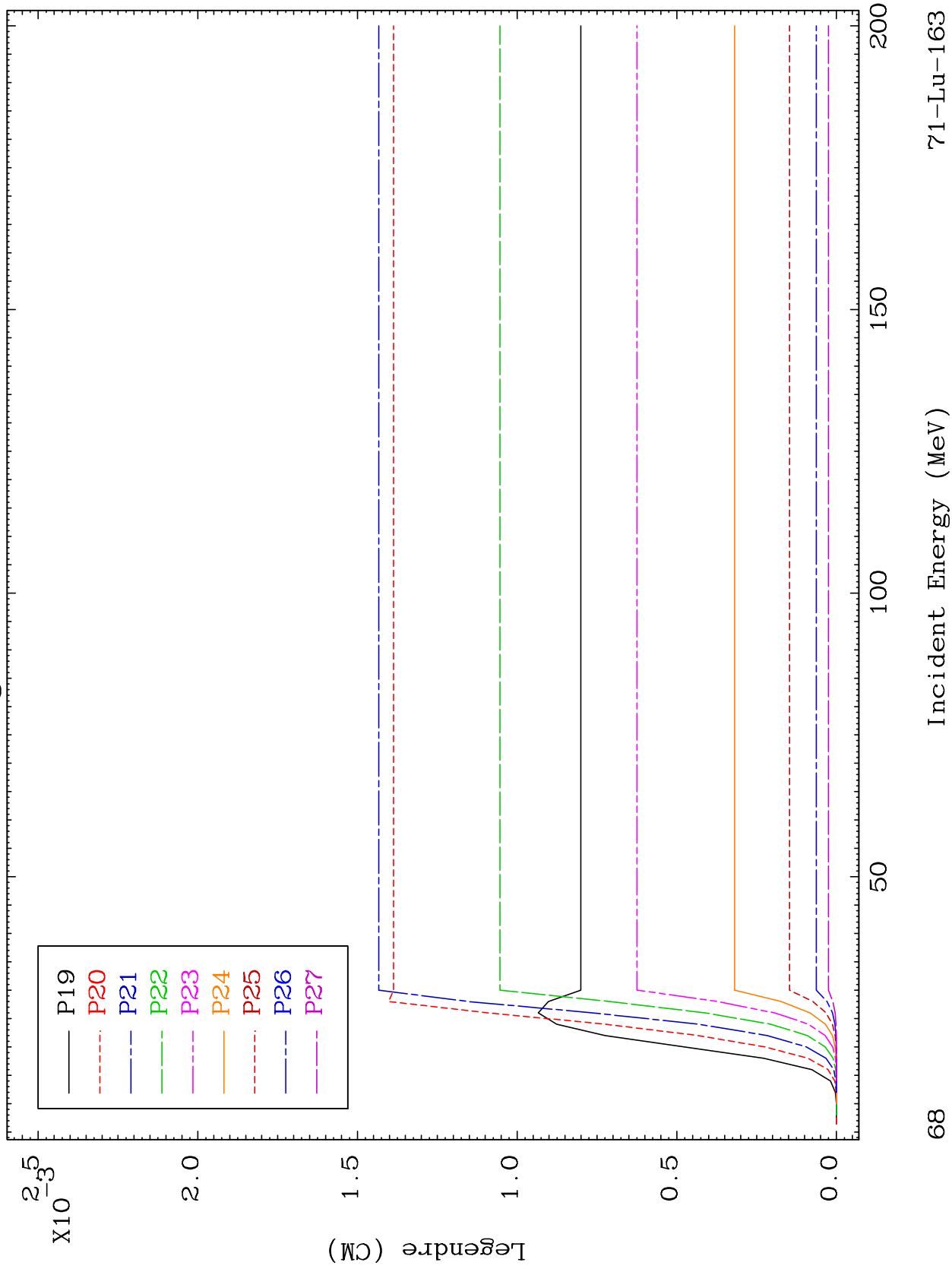


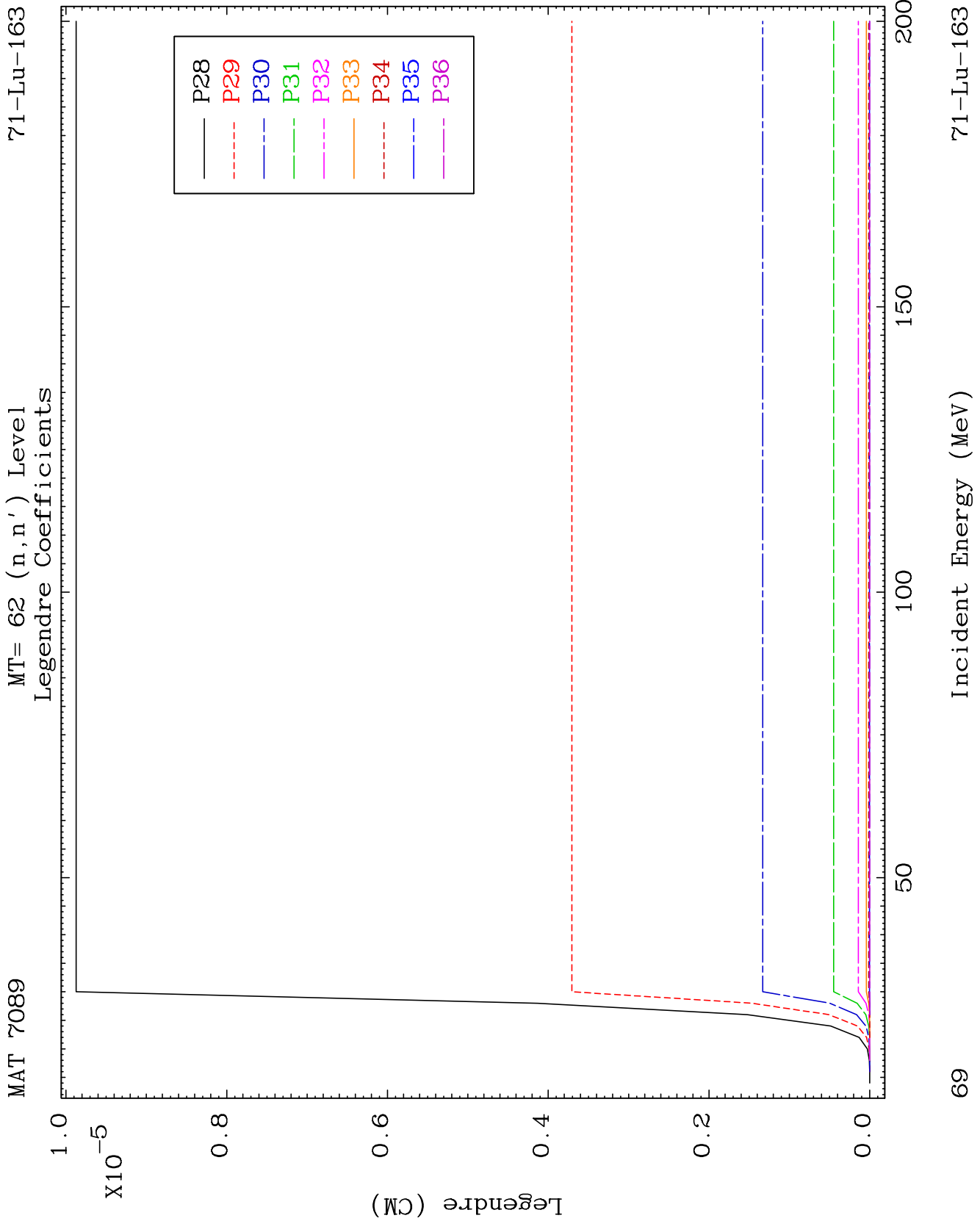


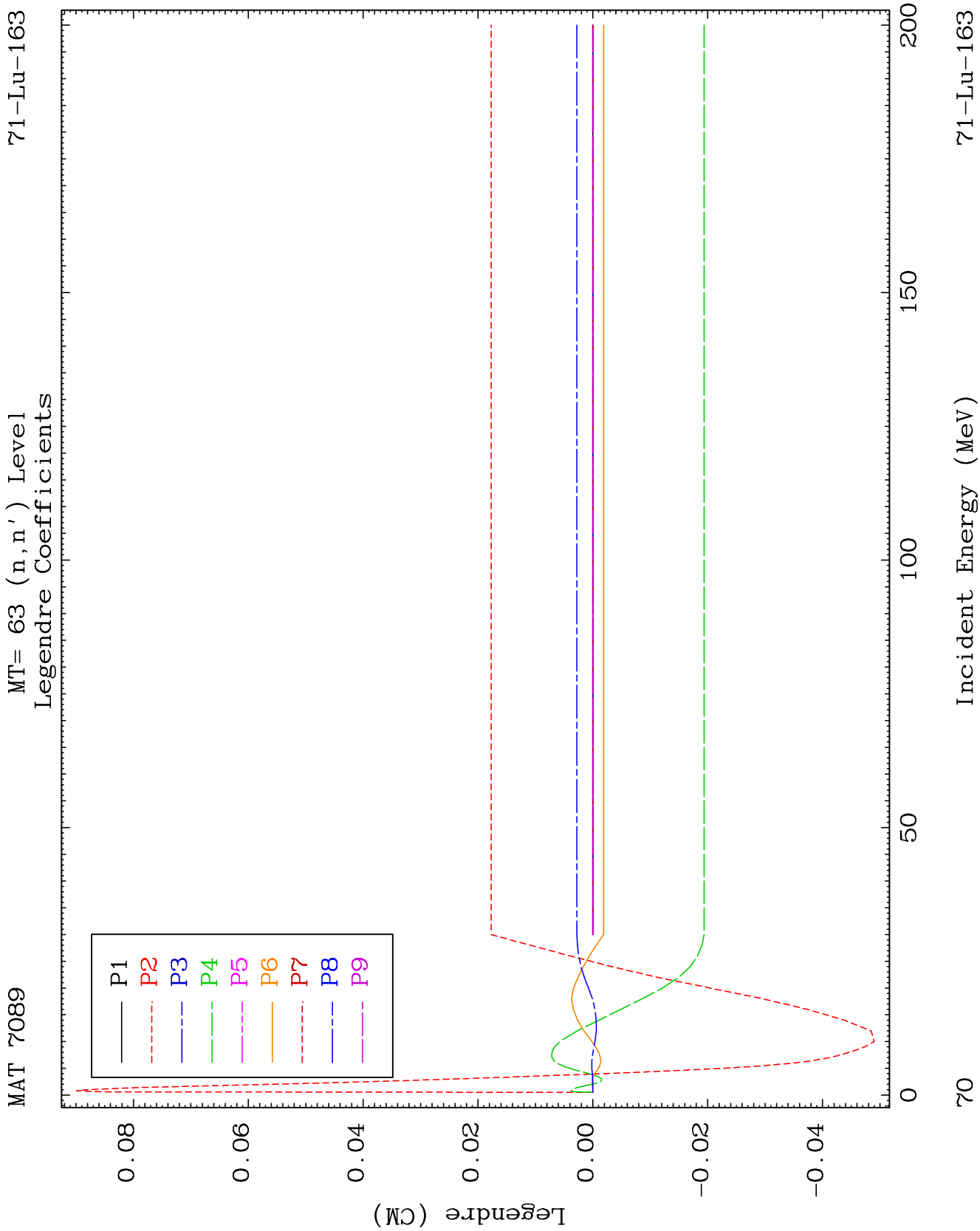
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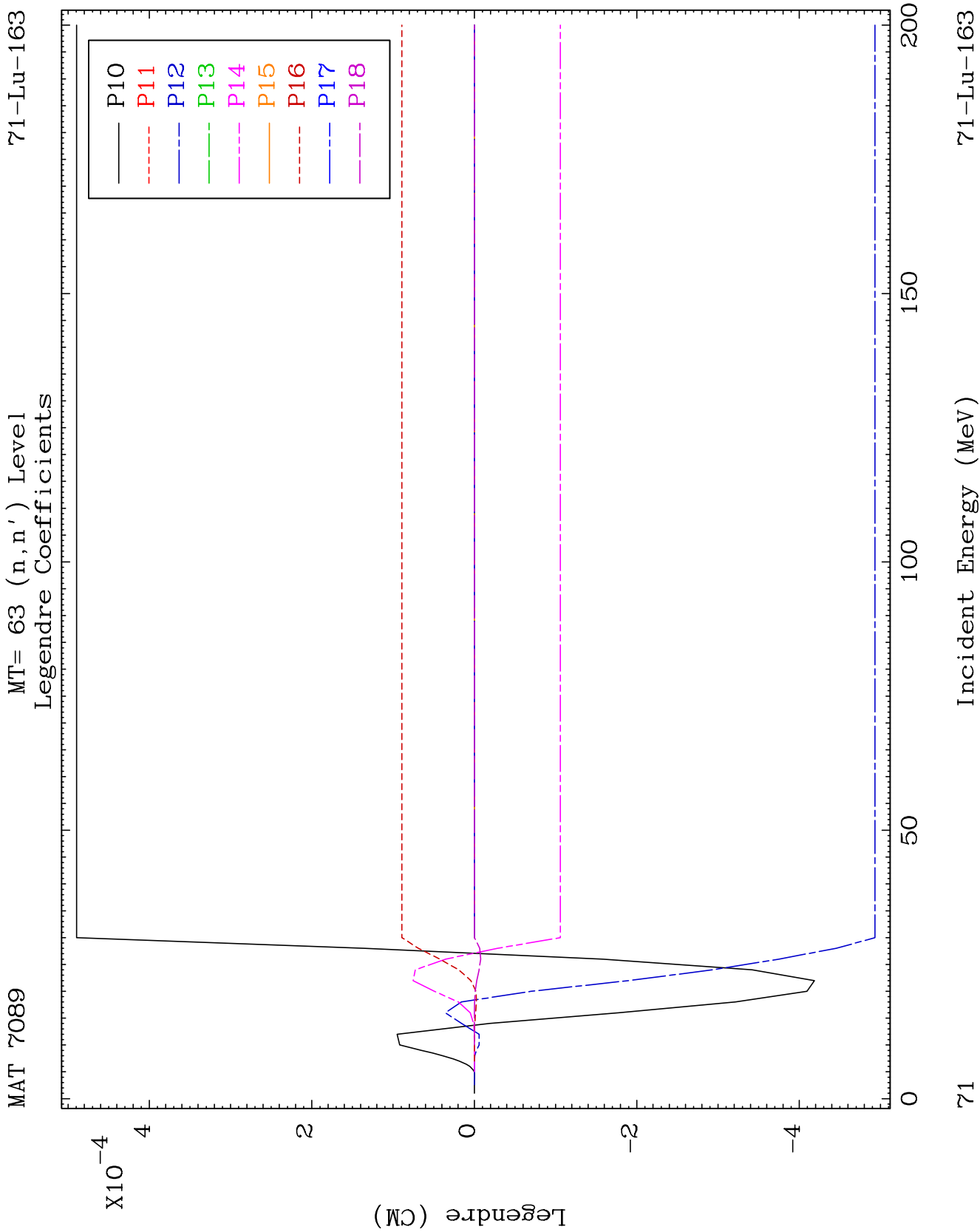
MT= 62 (n, n') Level
Legendre Coefficients

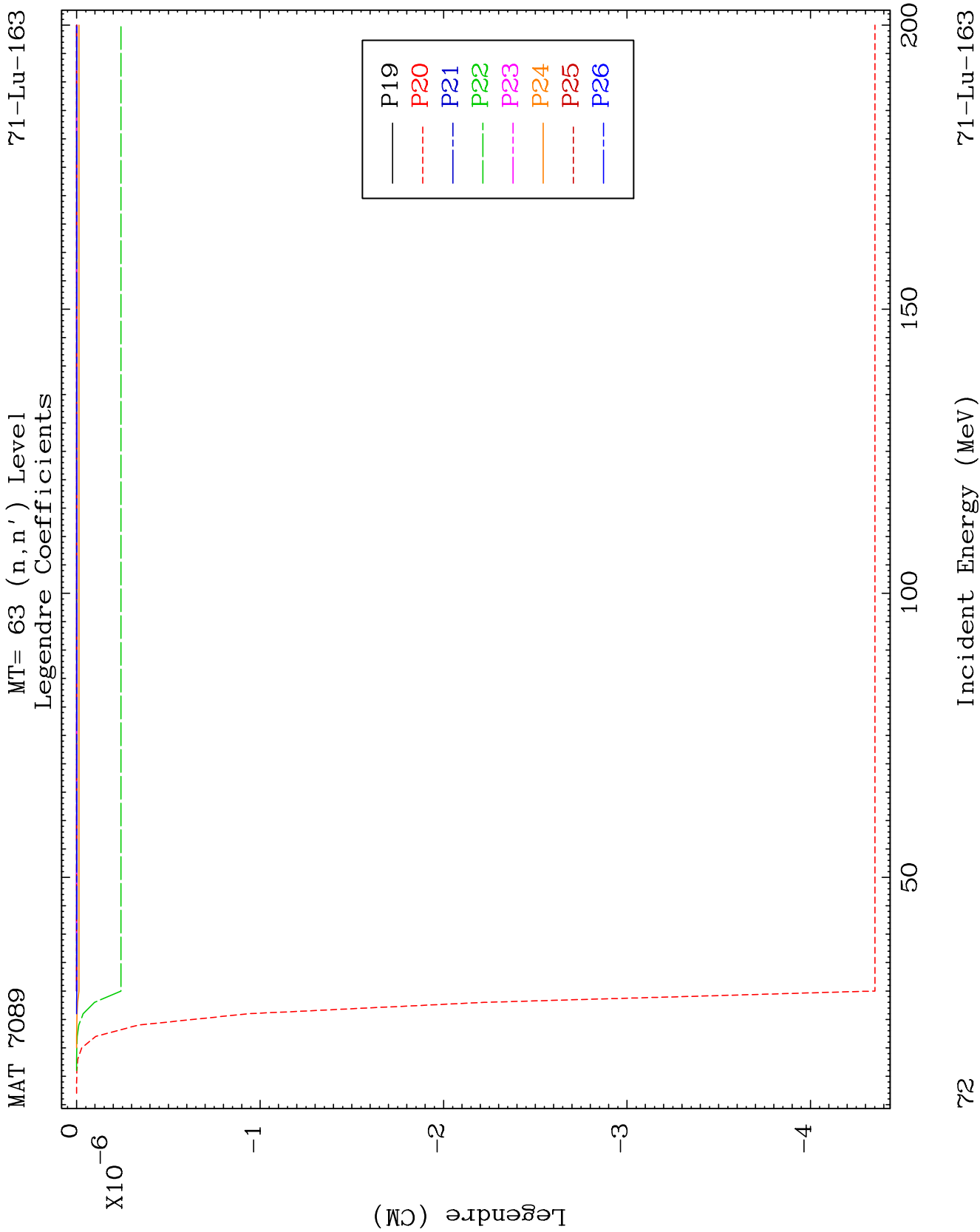
71-Lu-163

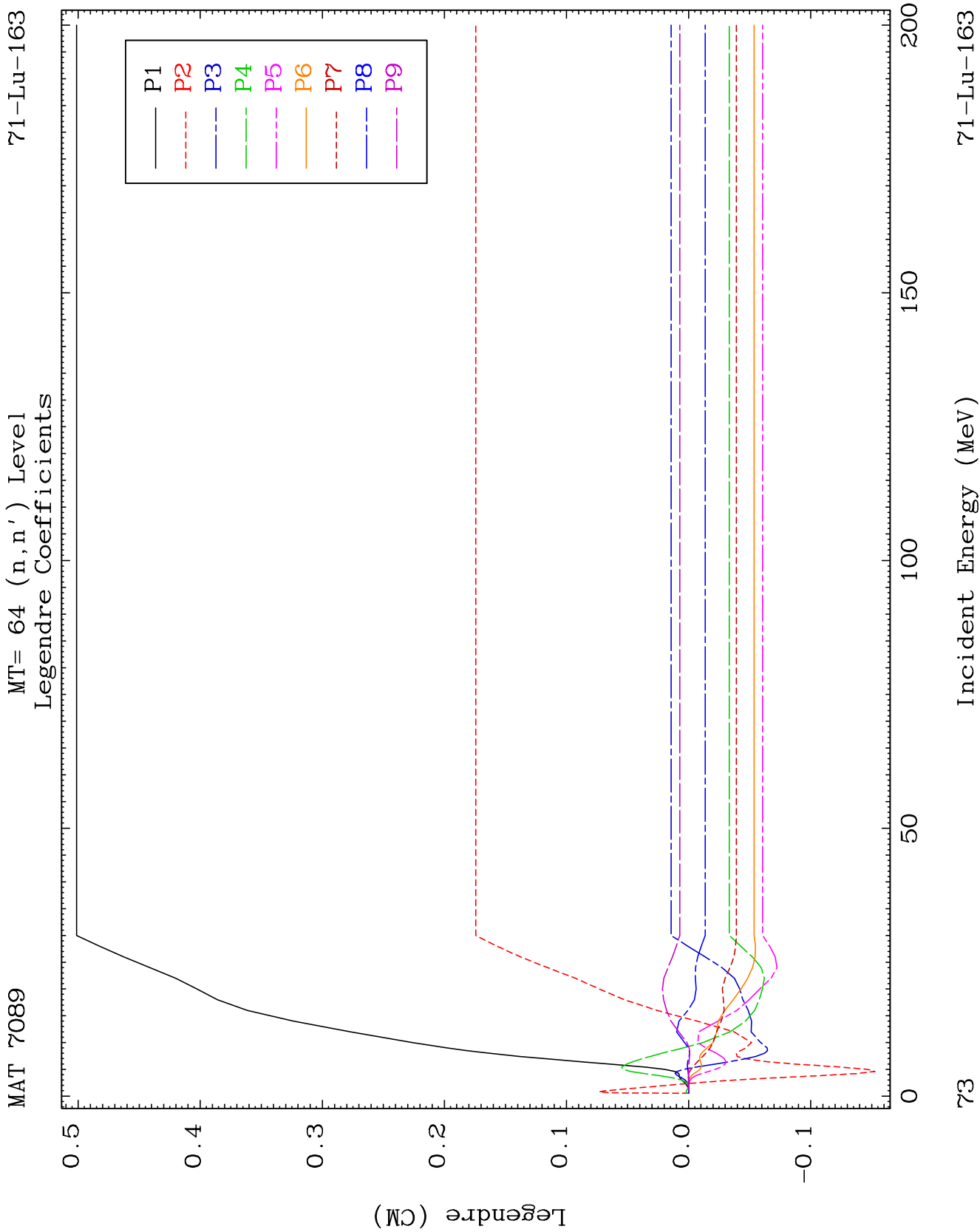


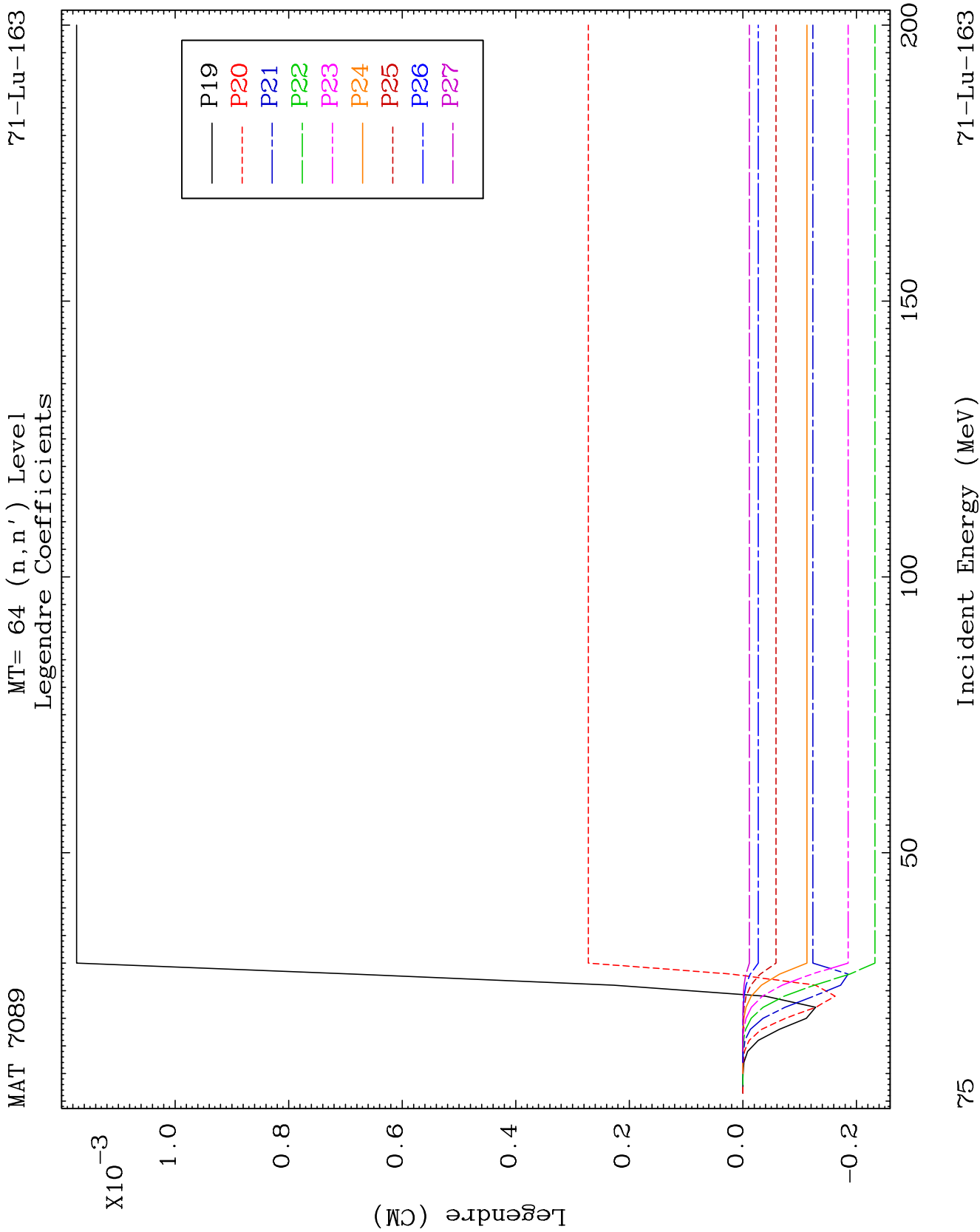


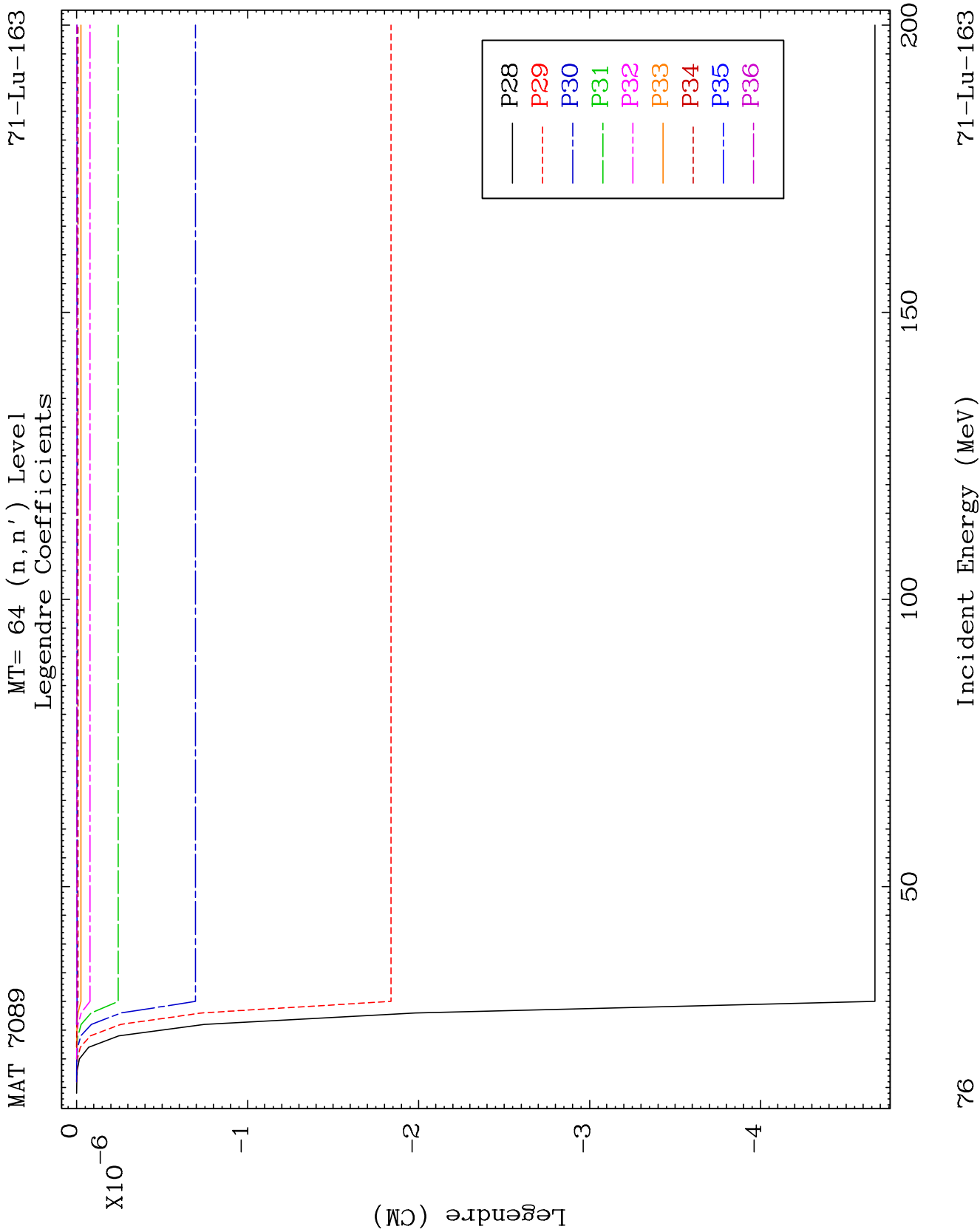


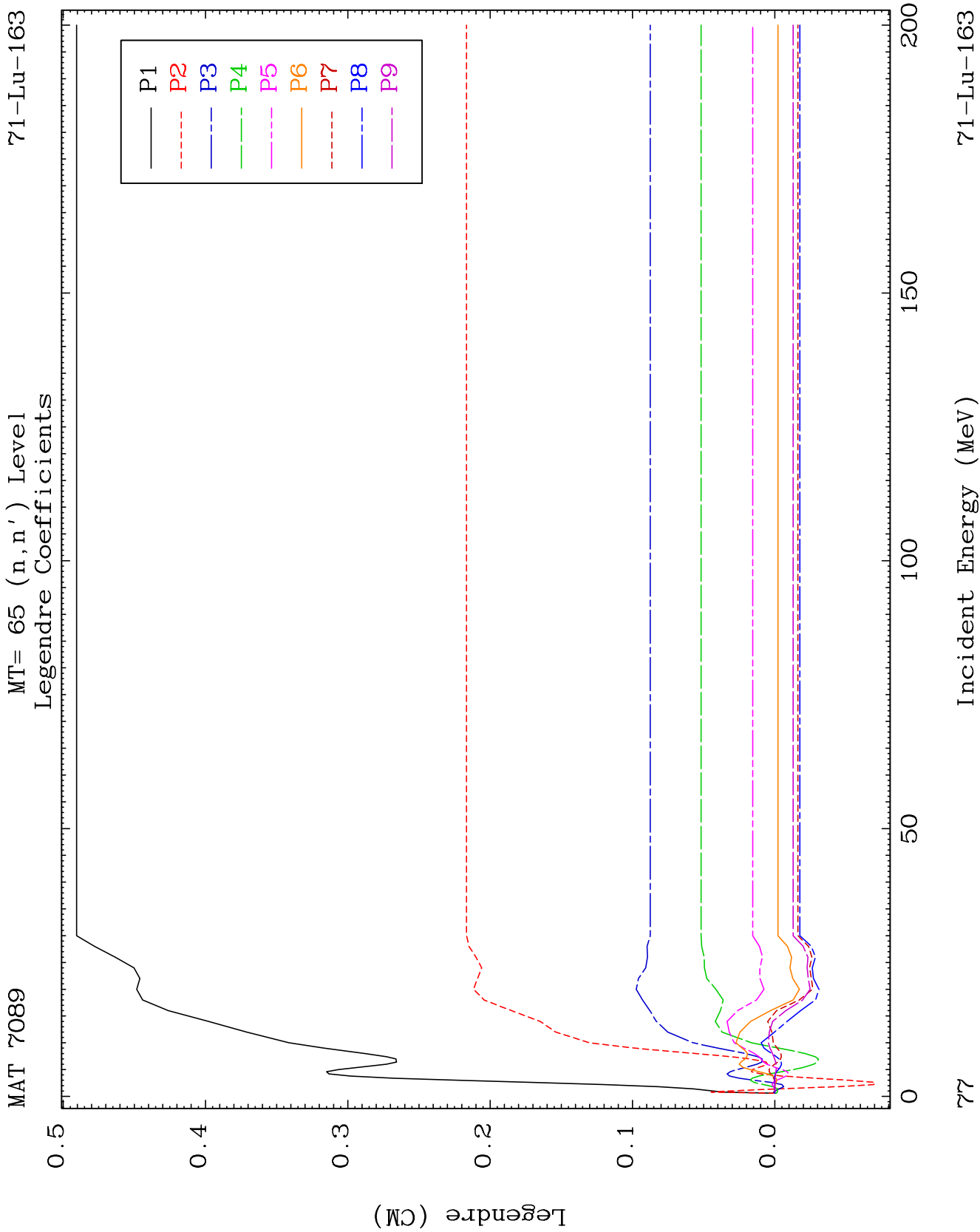


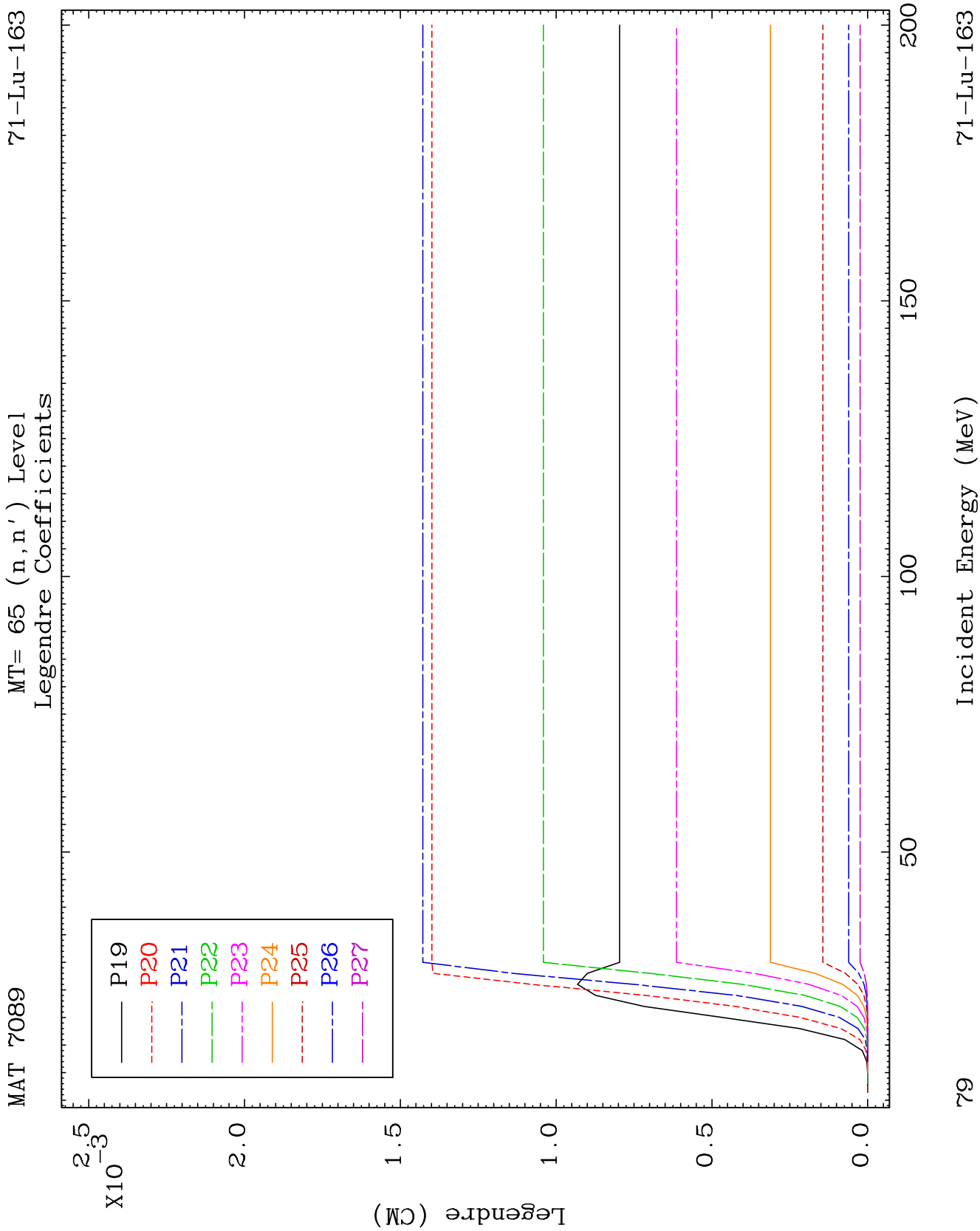


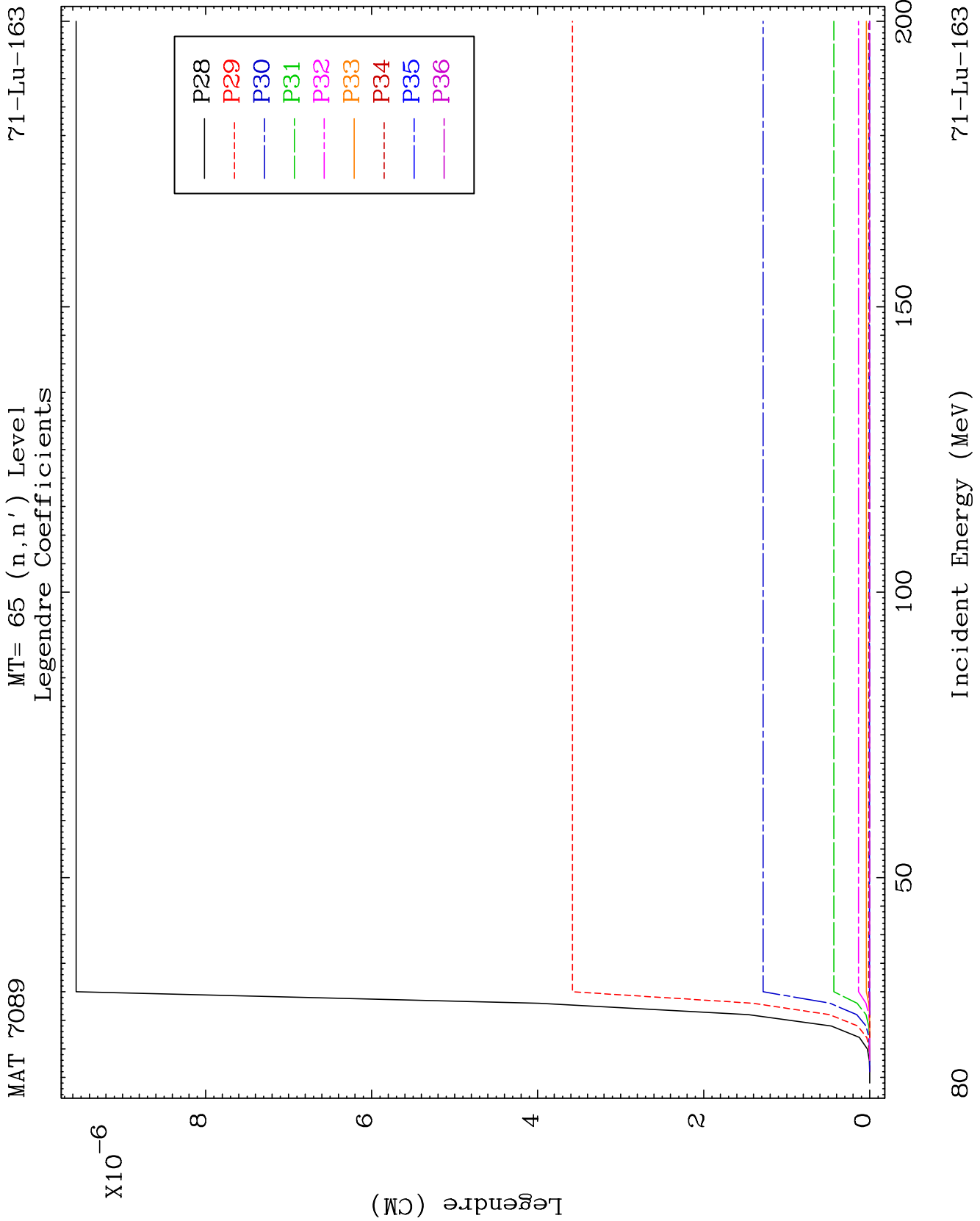








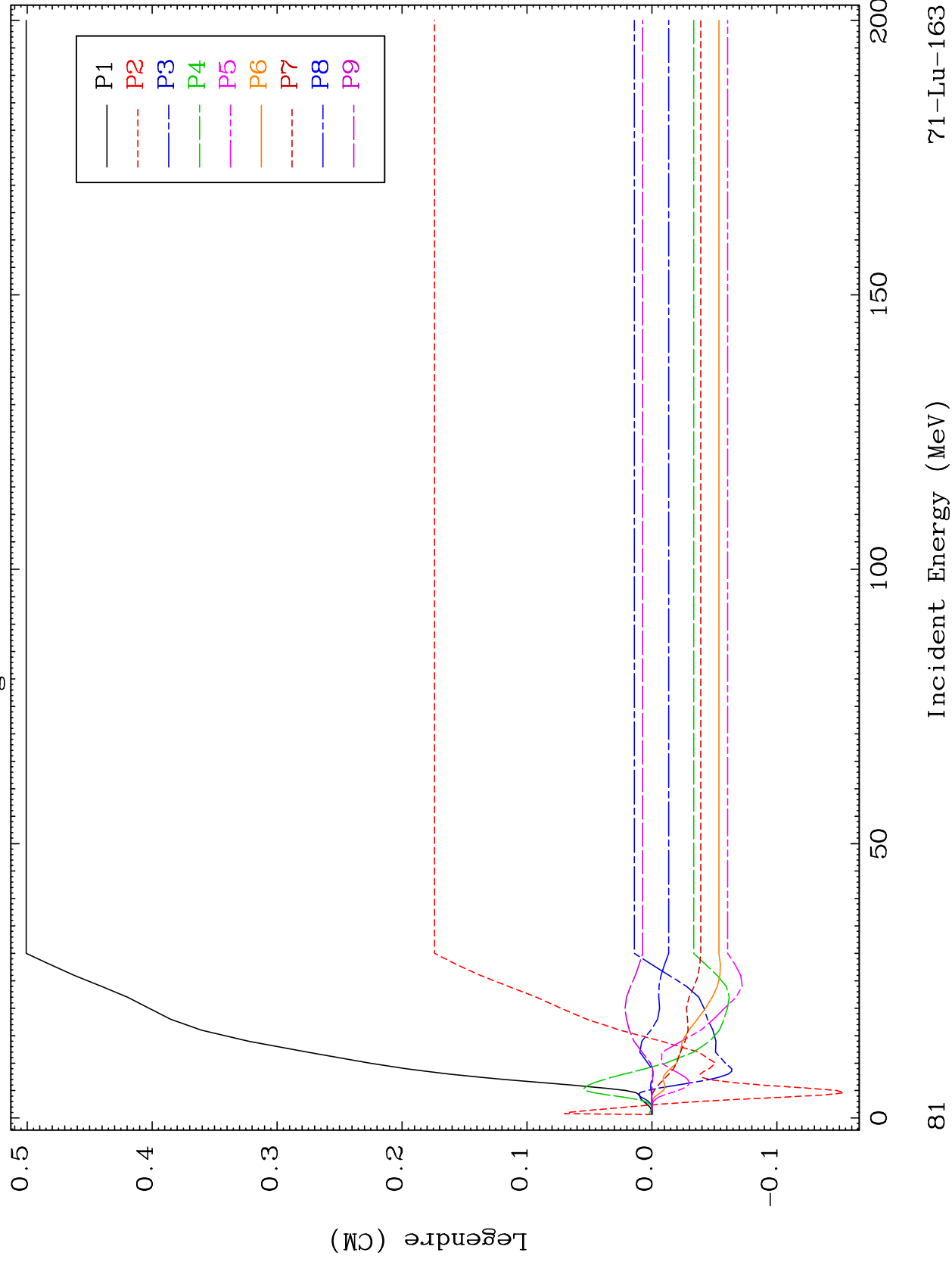


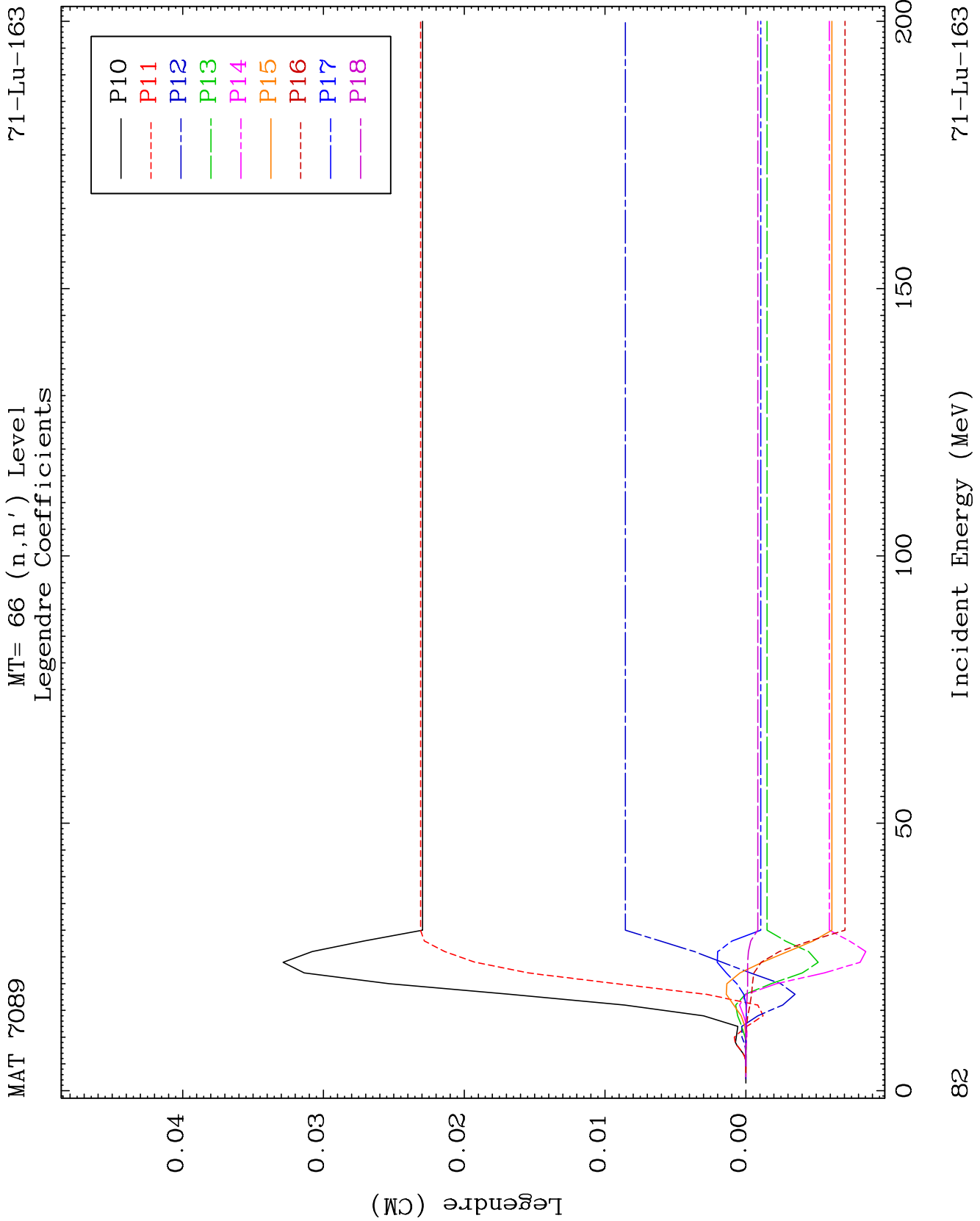


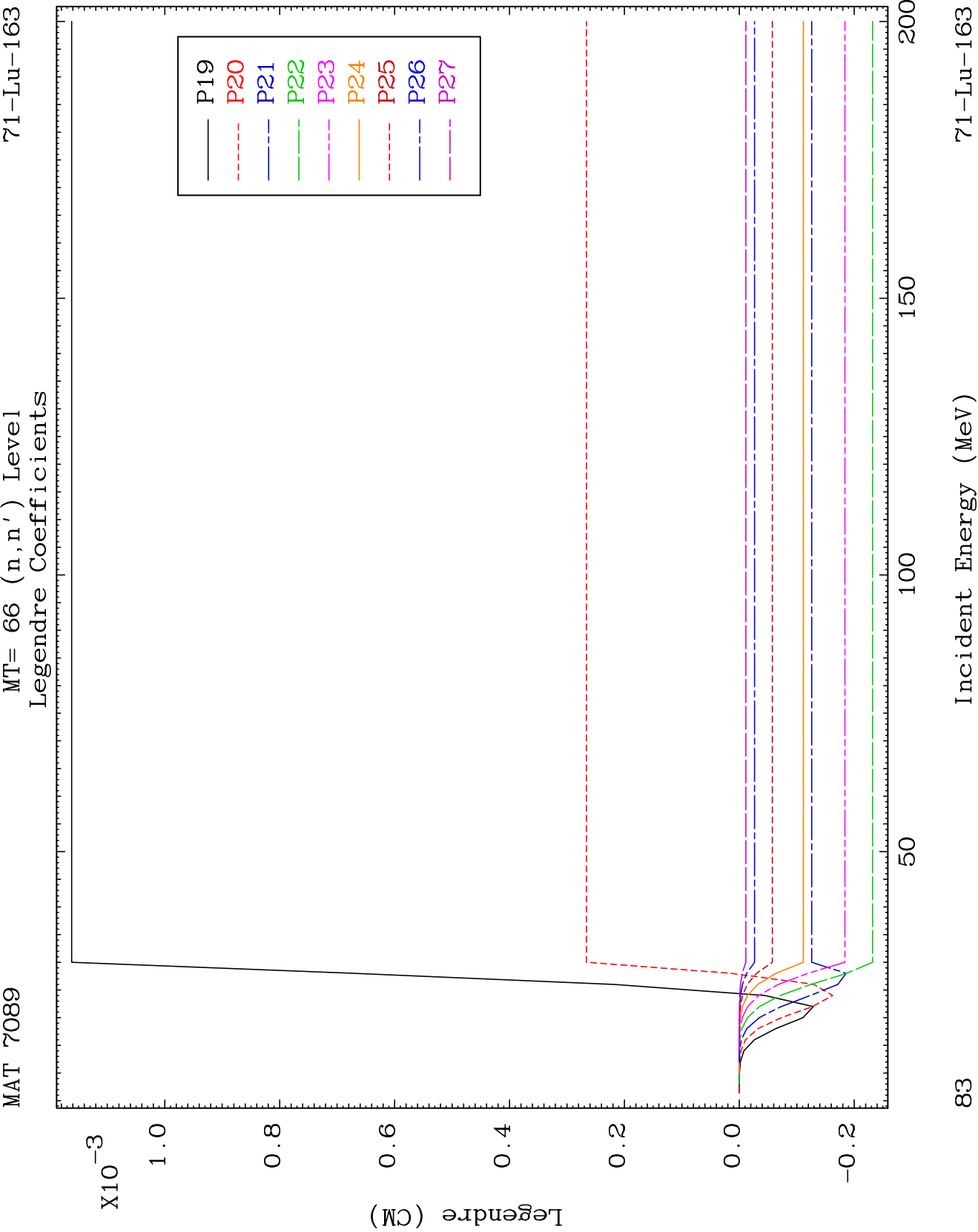
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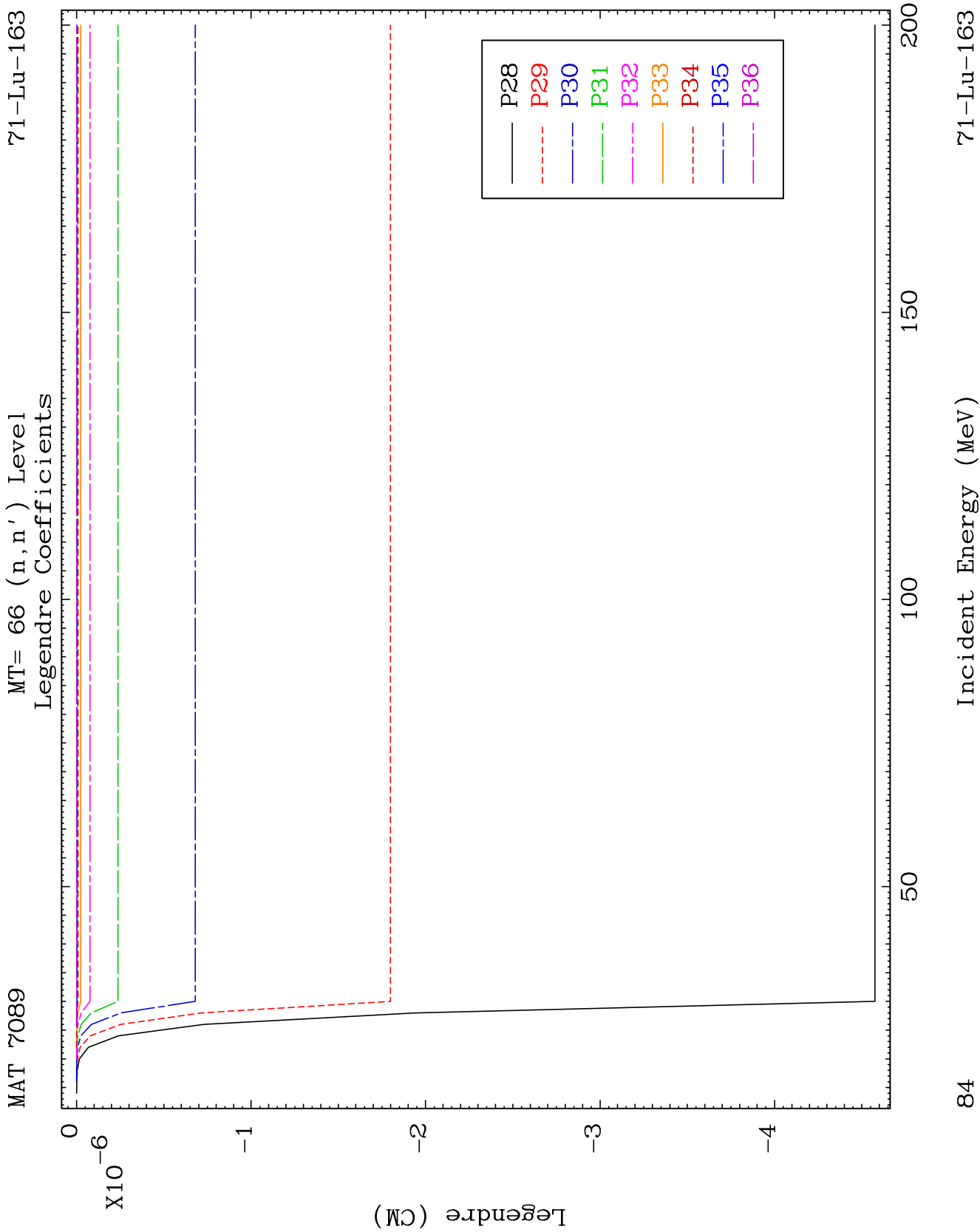
MT= 66 (n, n') Level
Legendre Coefficients

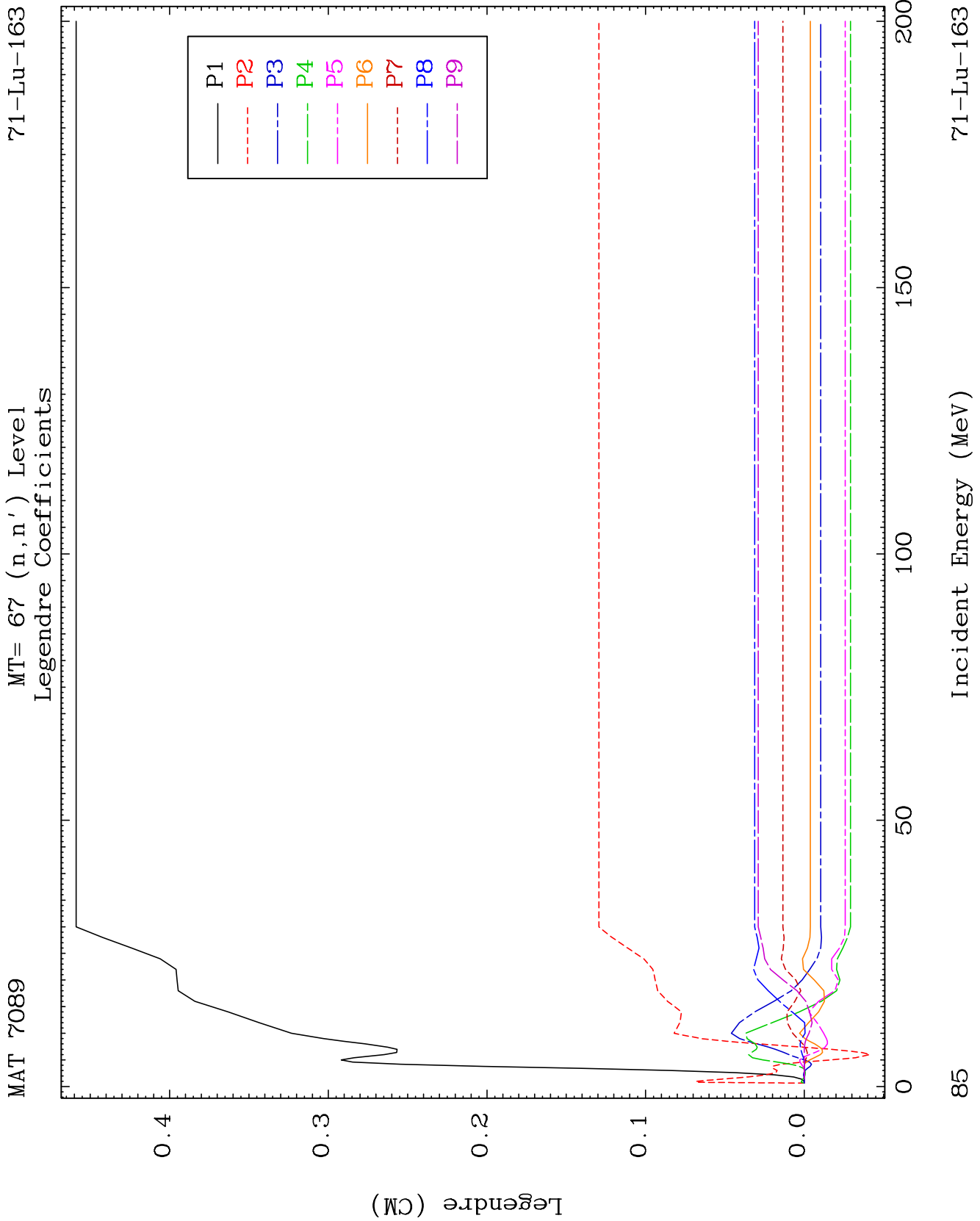
71-Lu-163







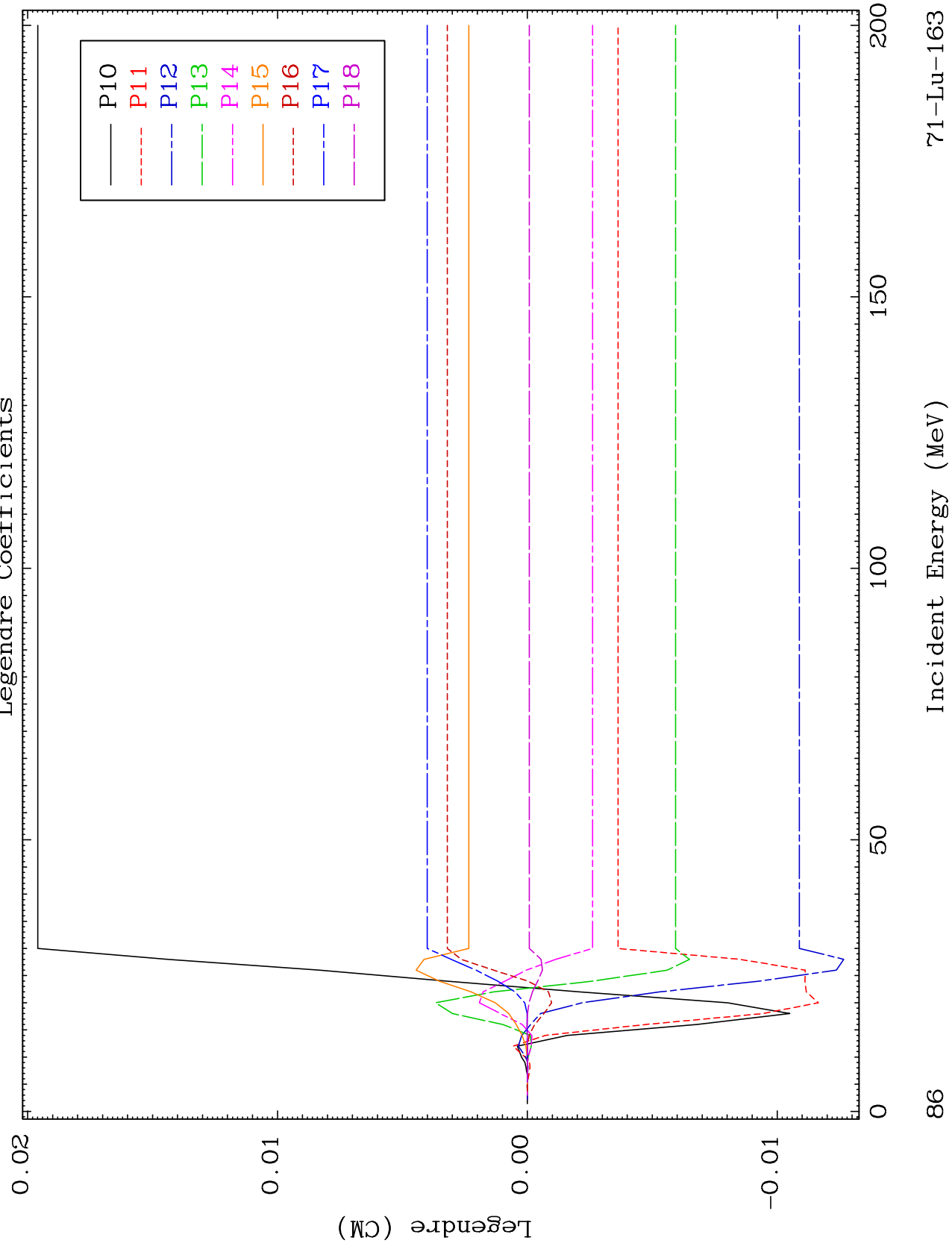


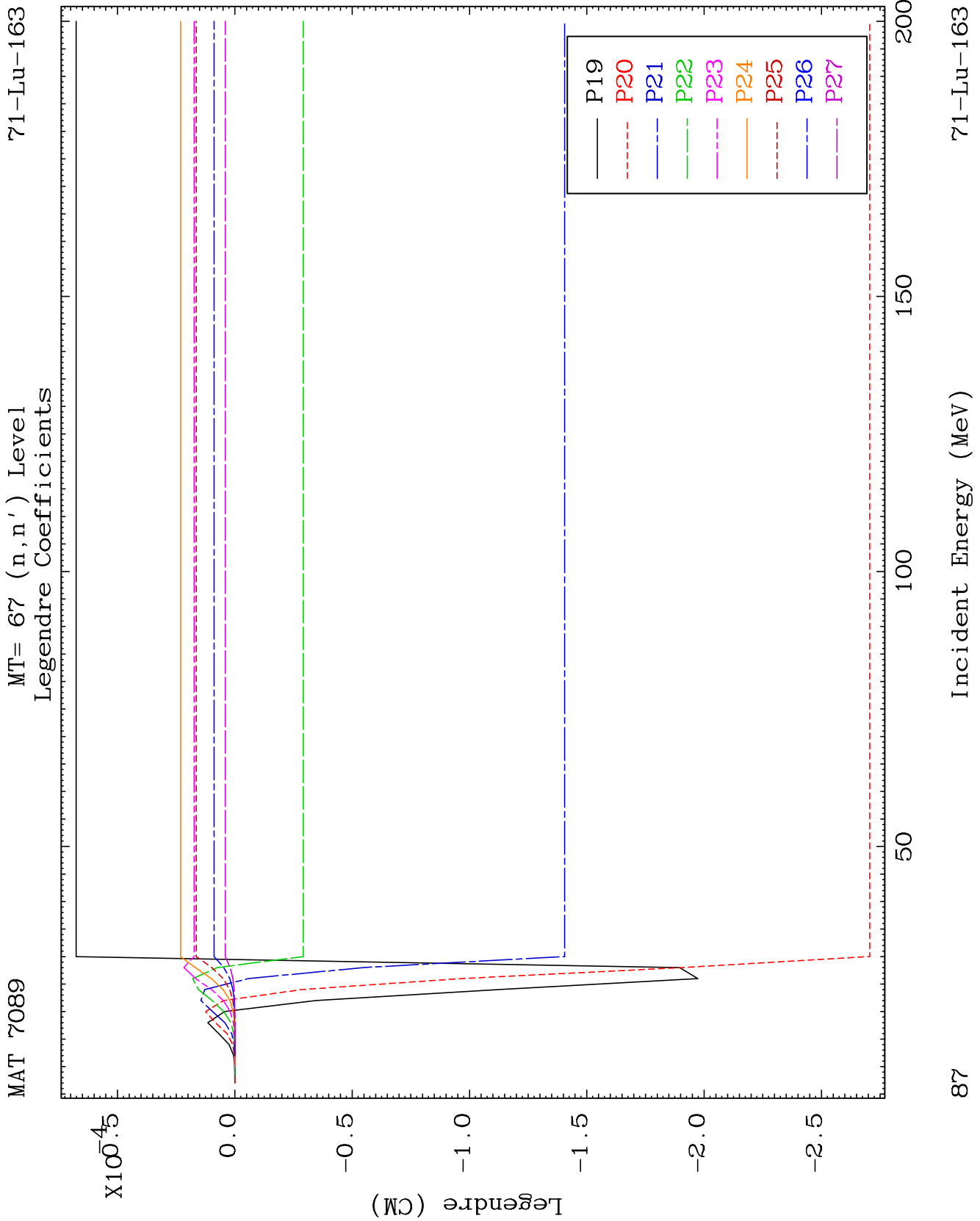


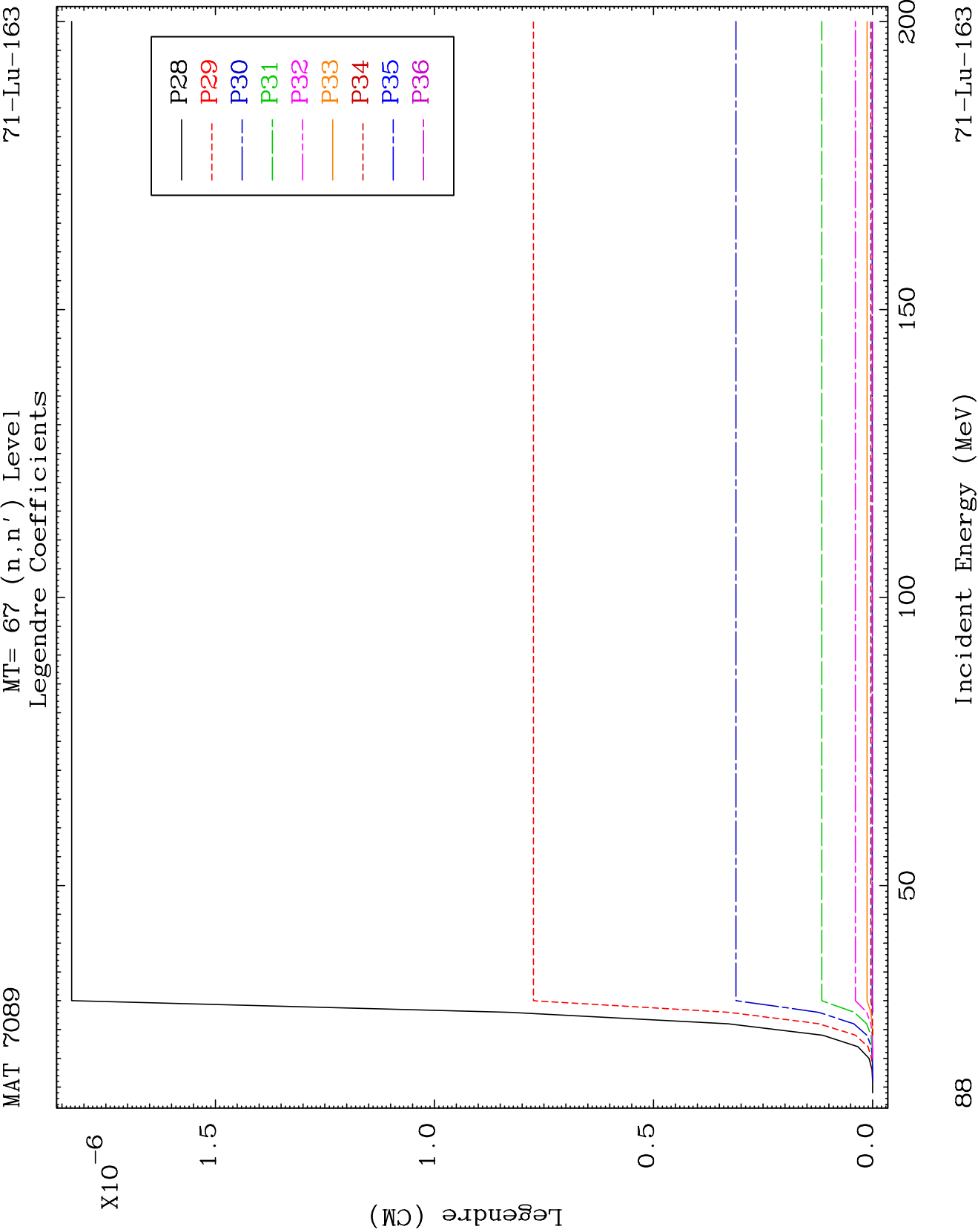
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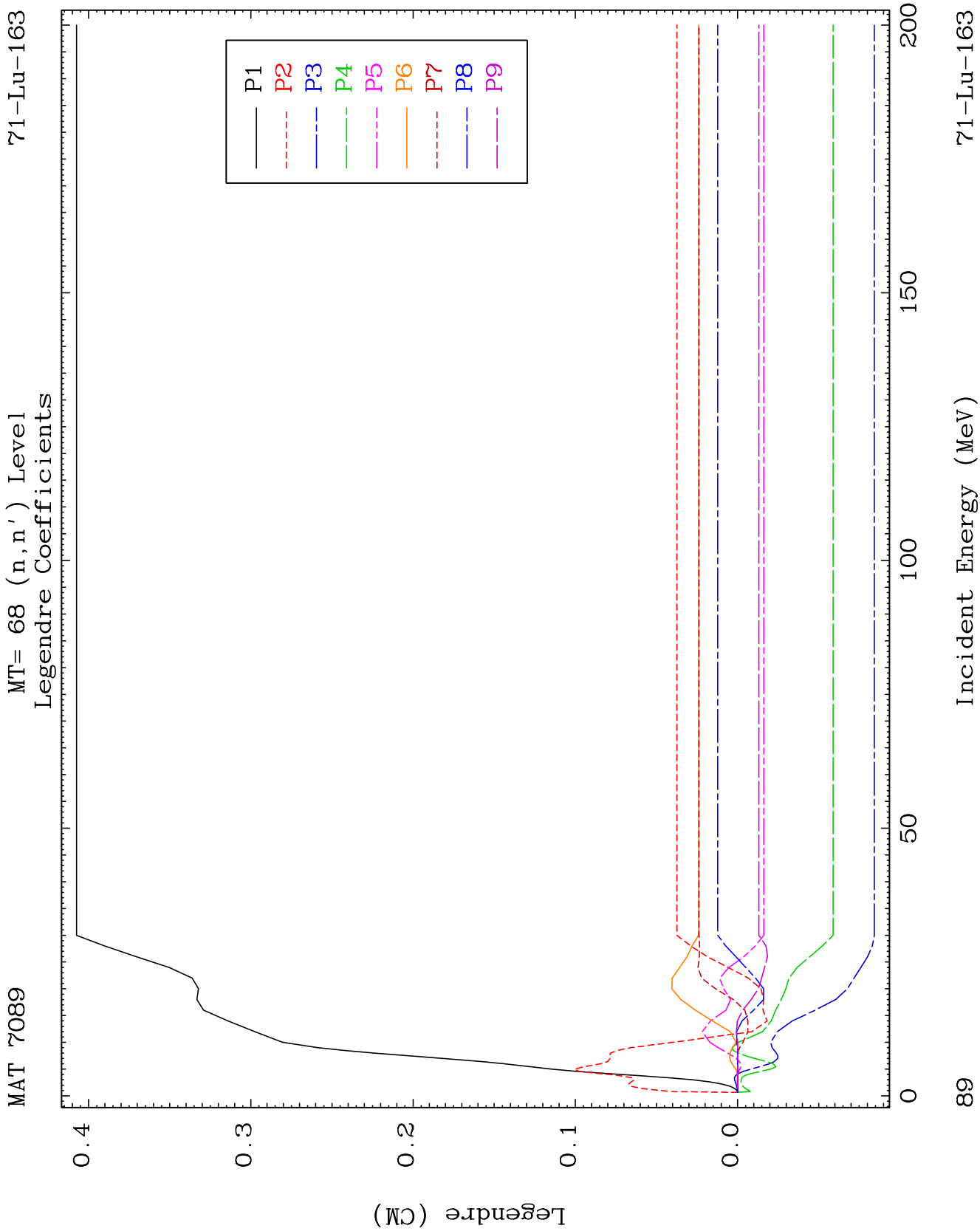
MT= 67 (n, n') Level
Legendre Coefficients

71-Lu-163





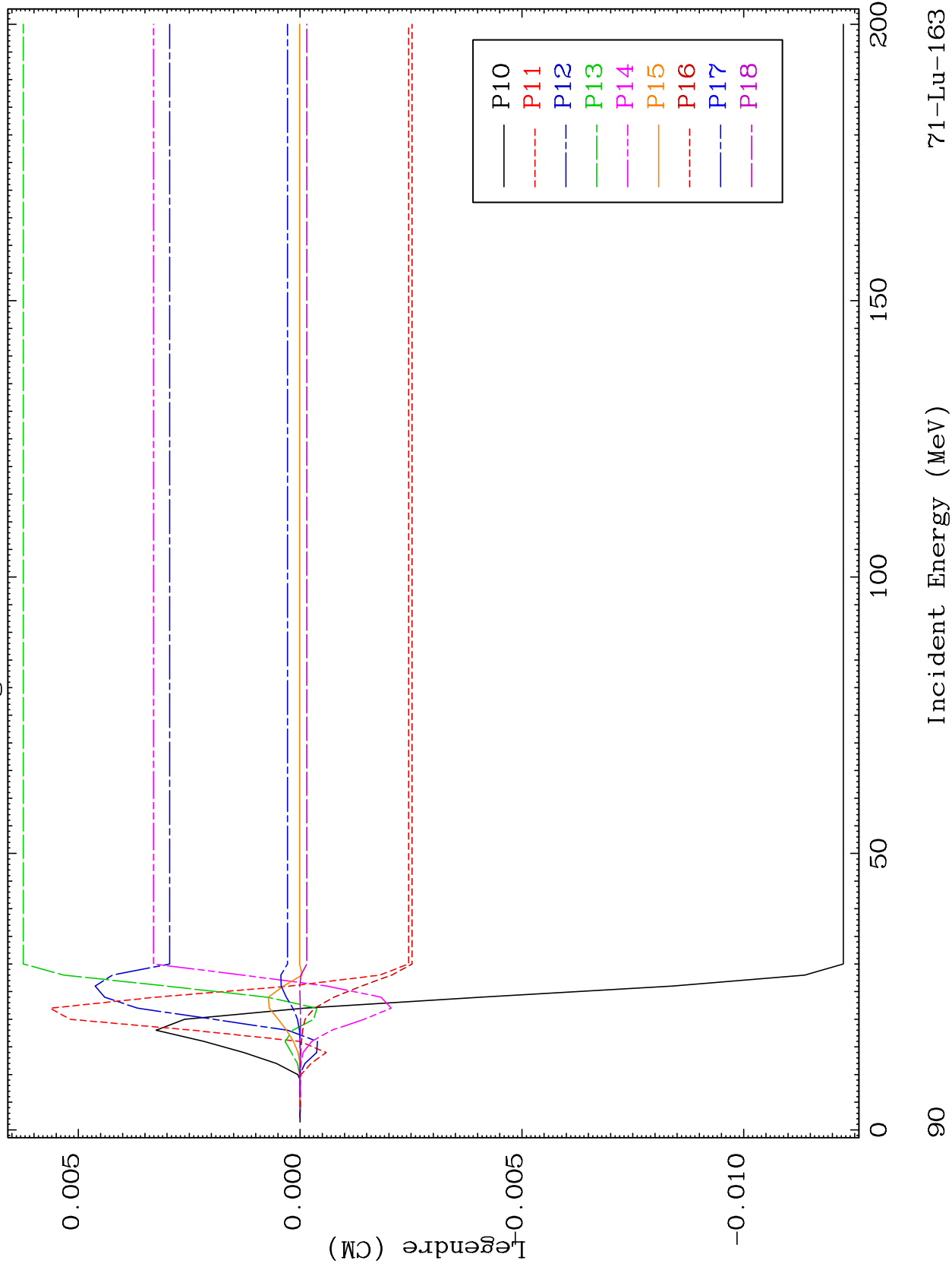


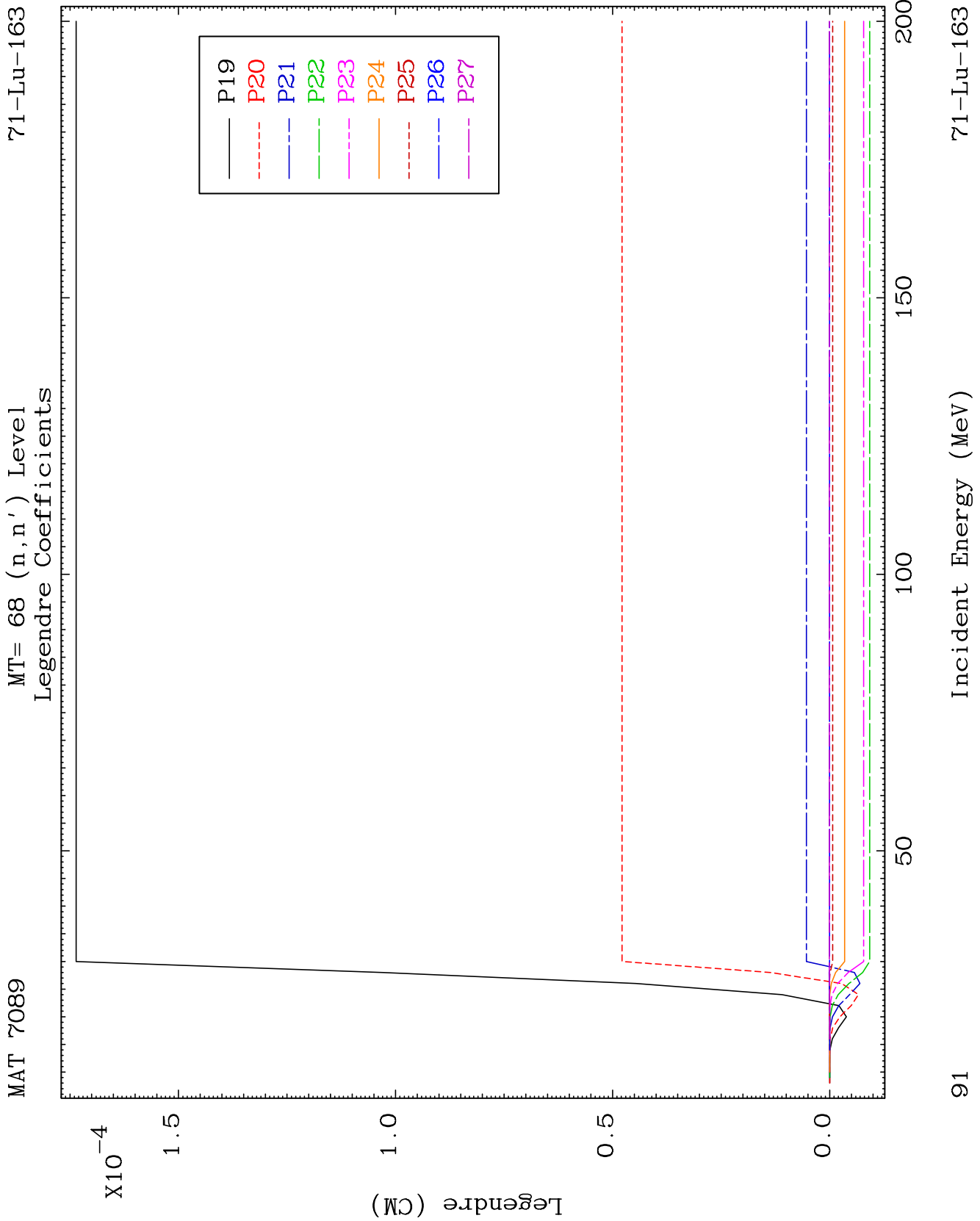


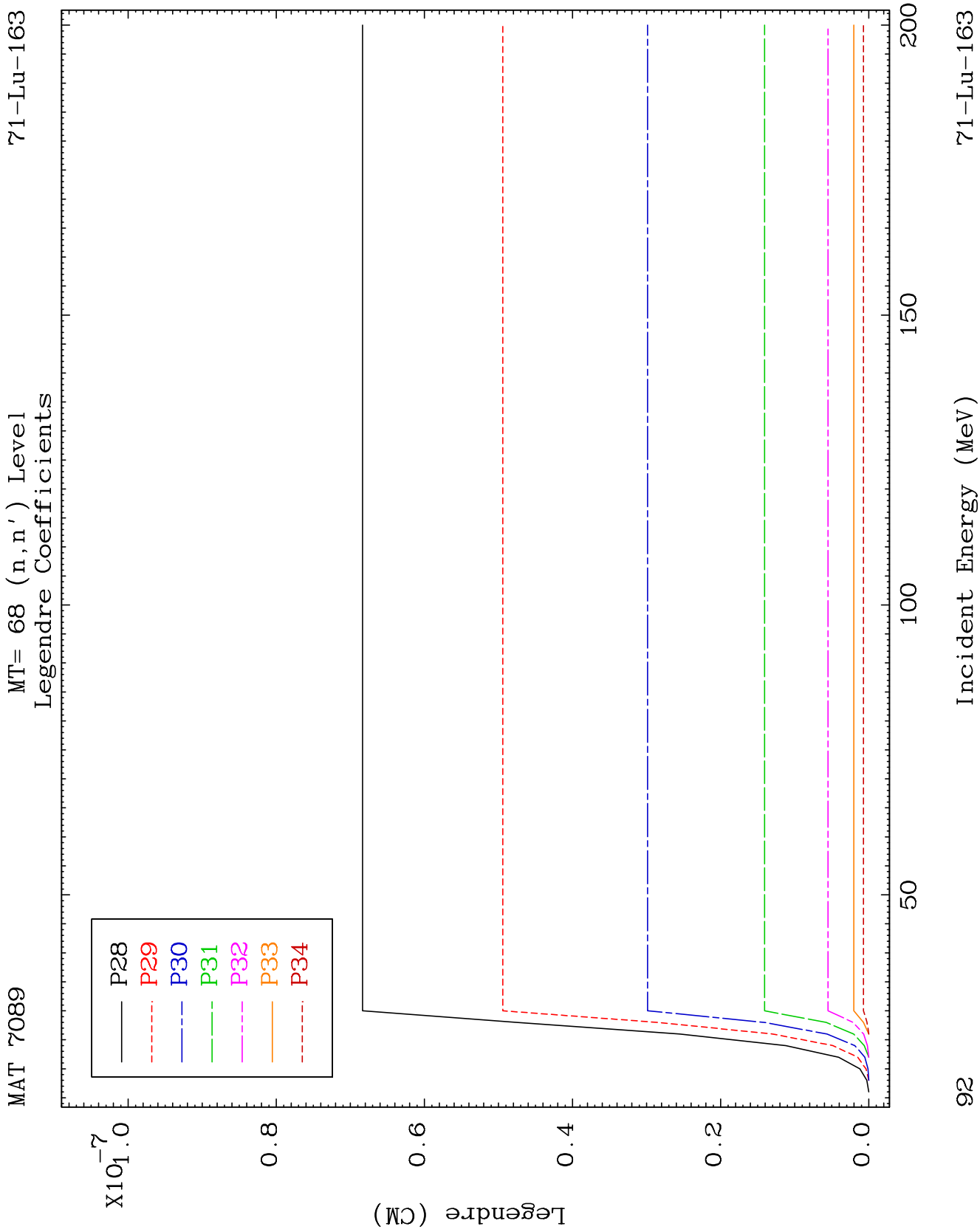
MAT 7089

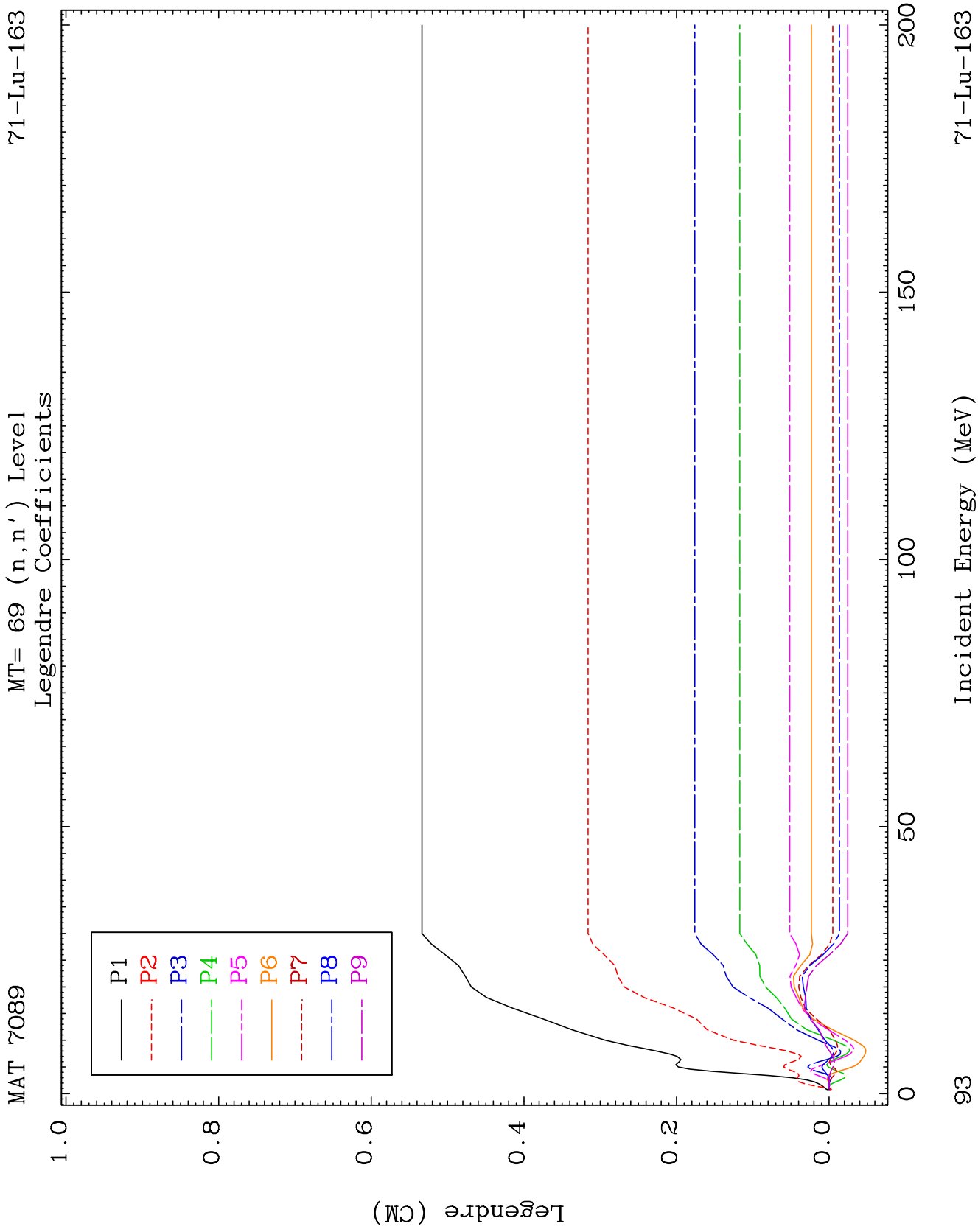
MT= 68 (n, n') Level
Legendre Coefficients

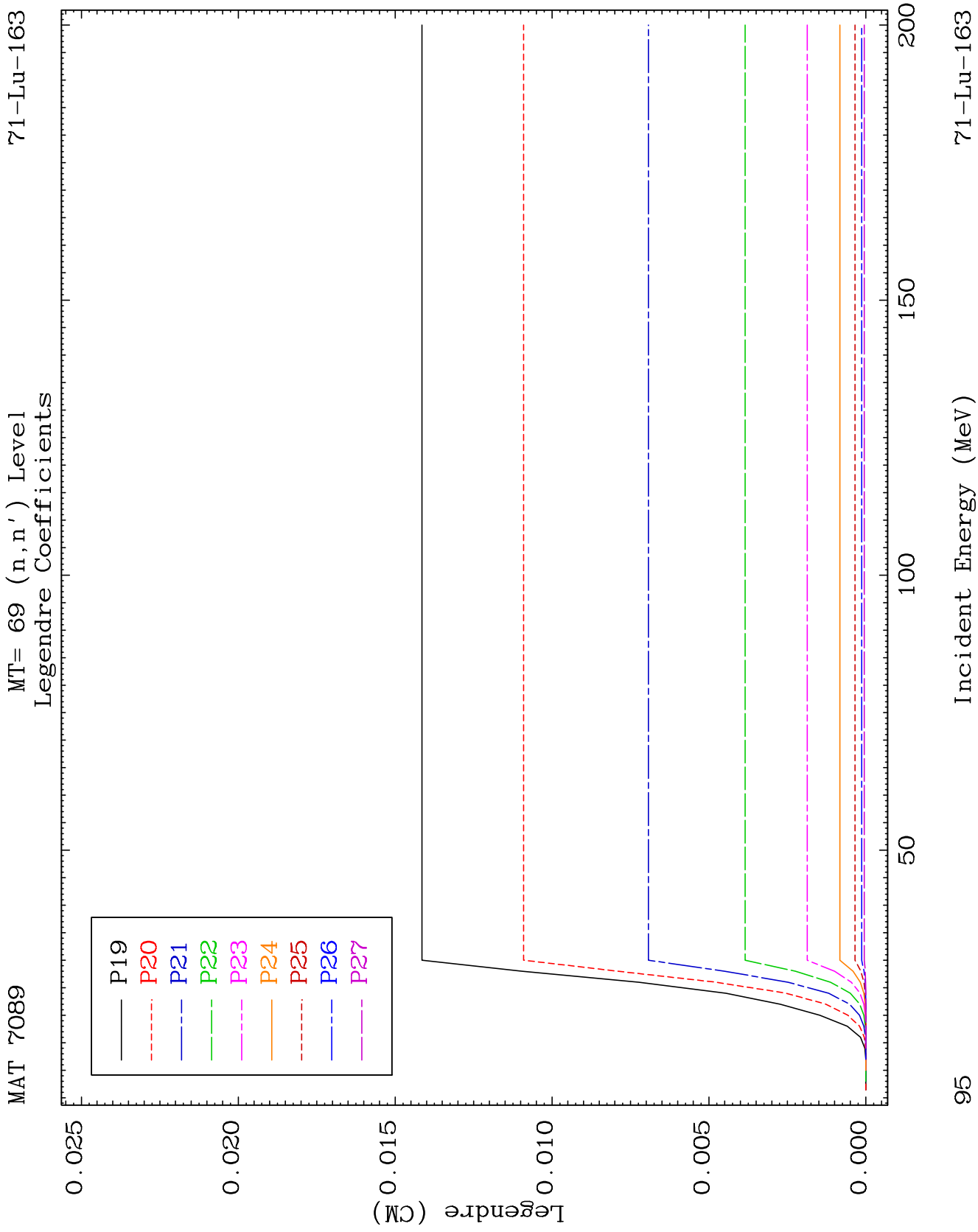
71-Lu-163

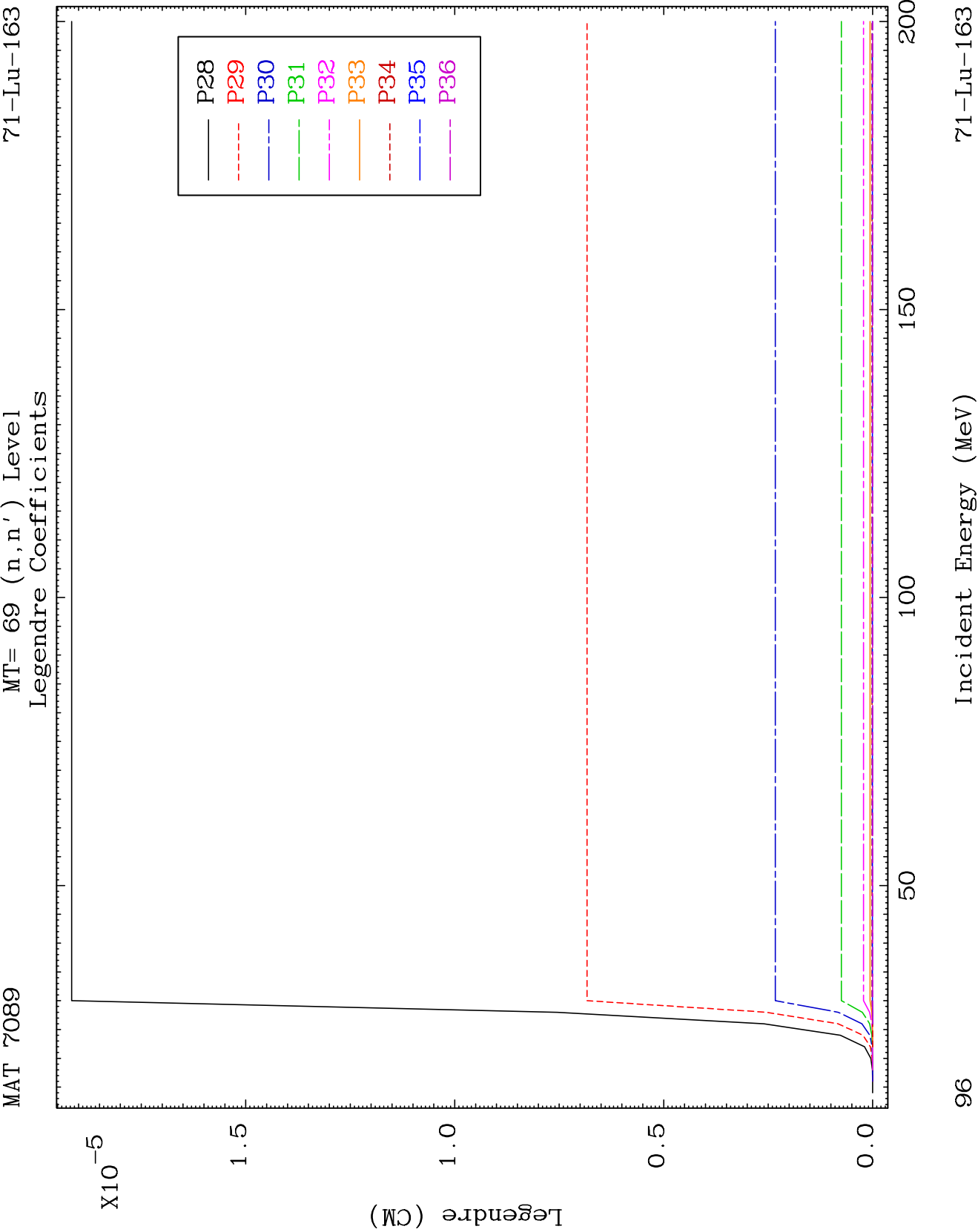


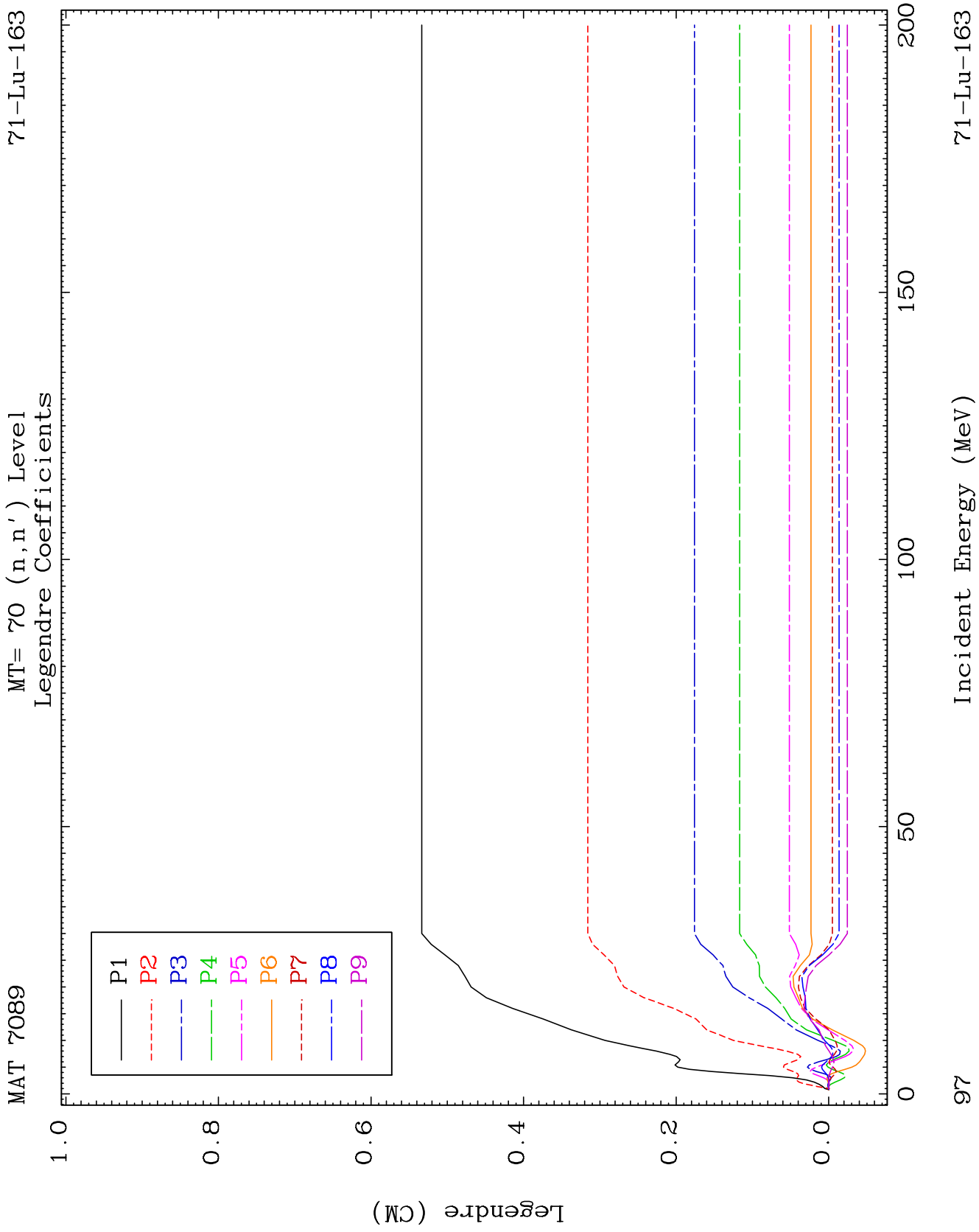


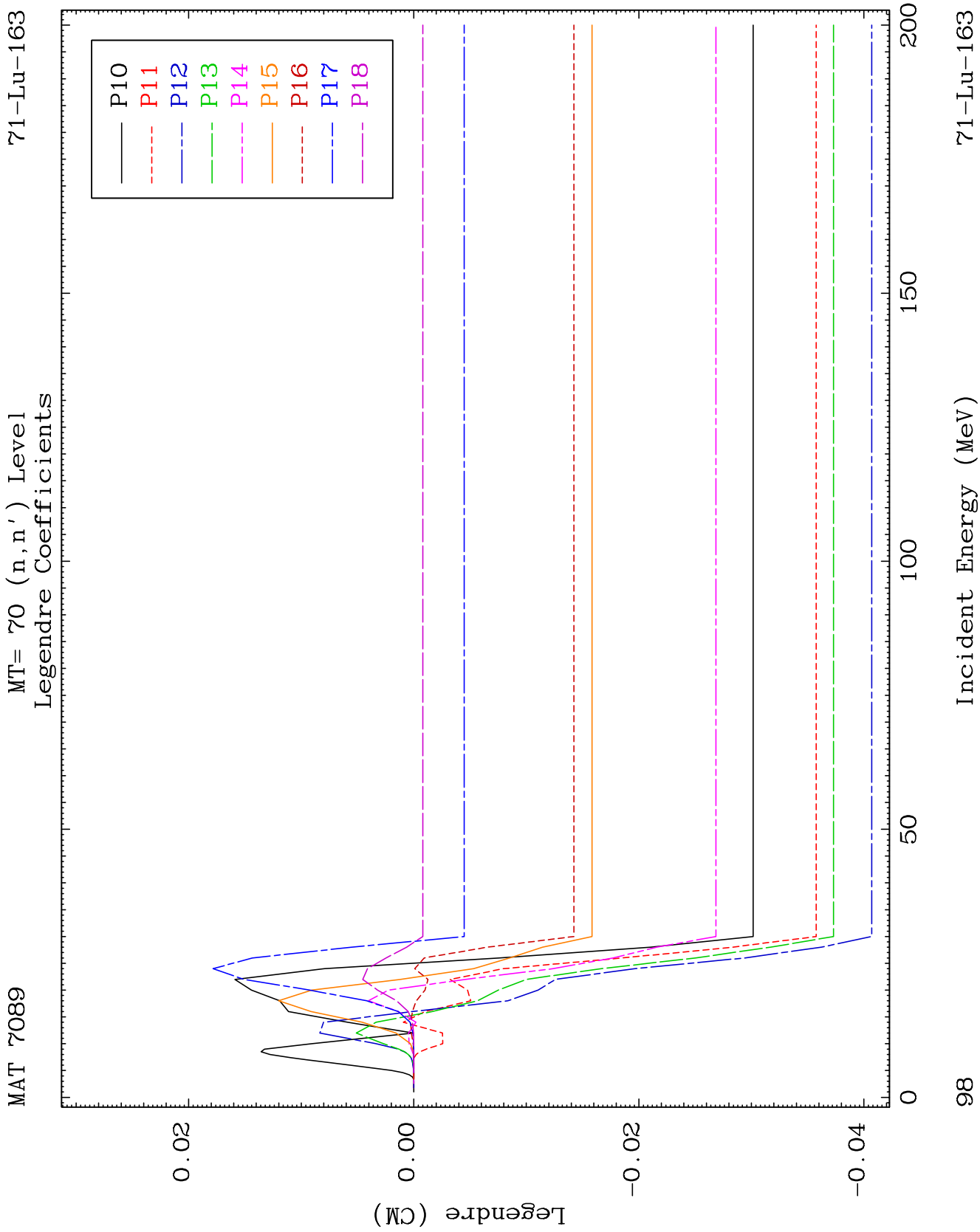


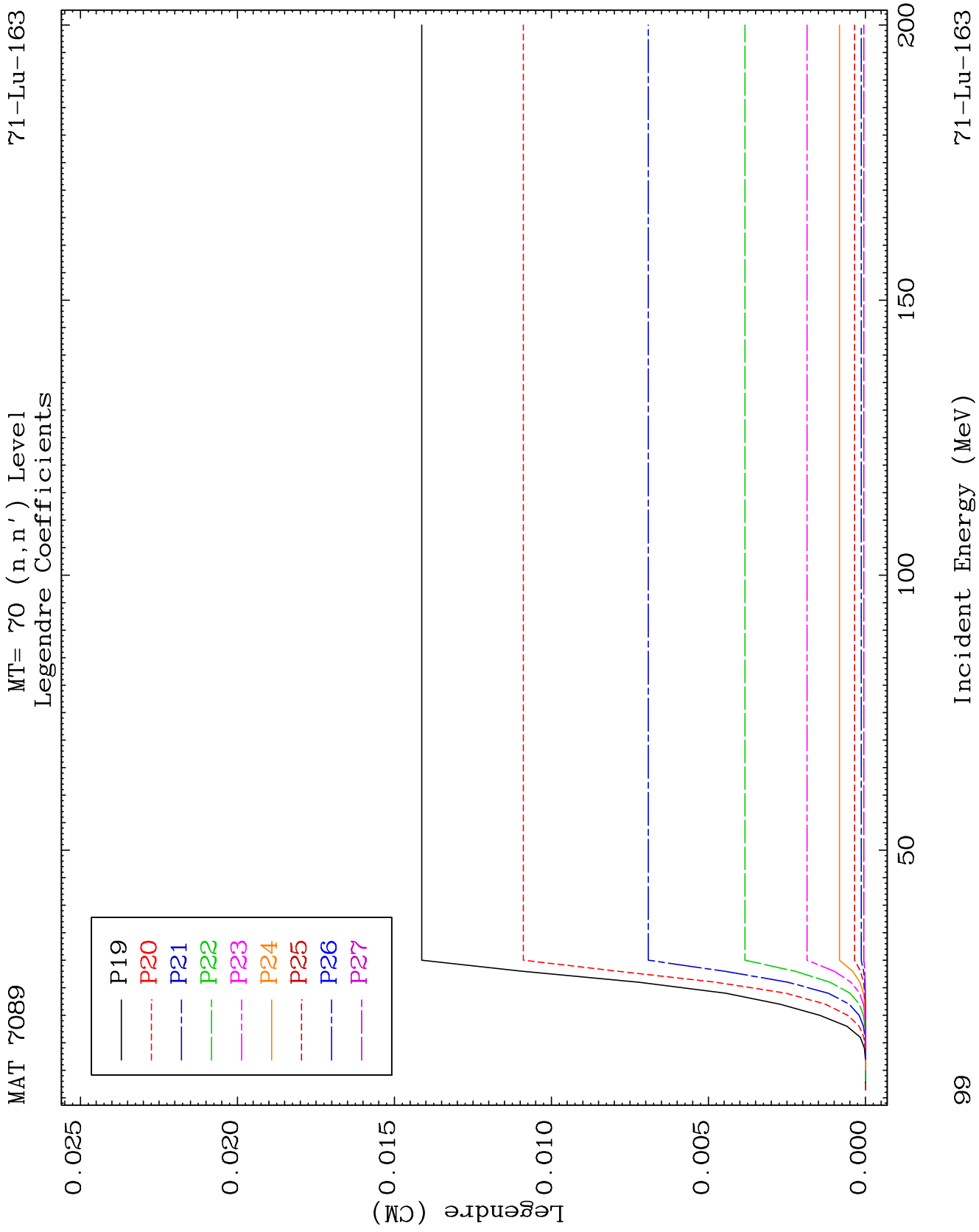








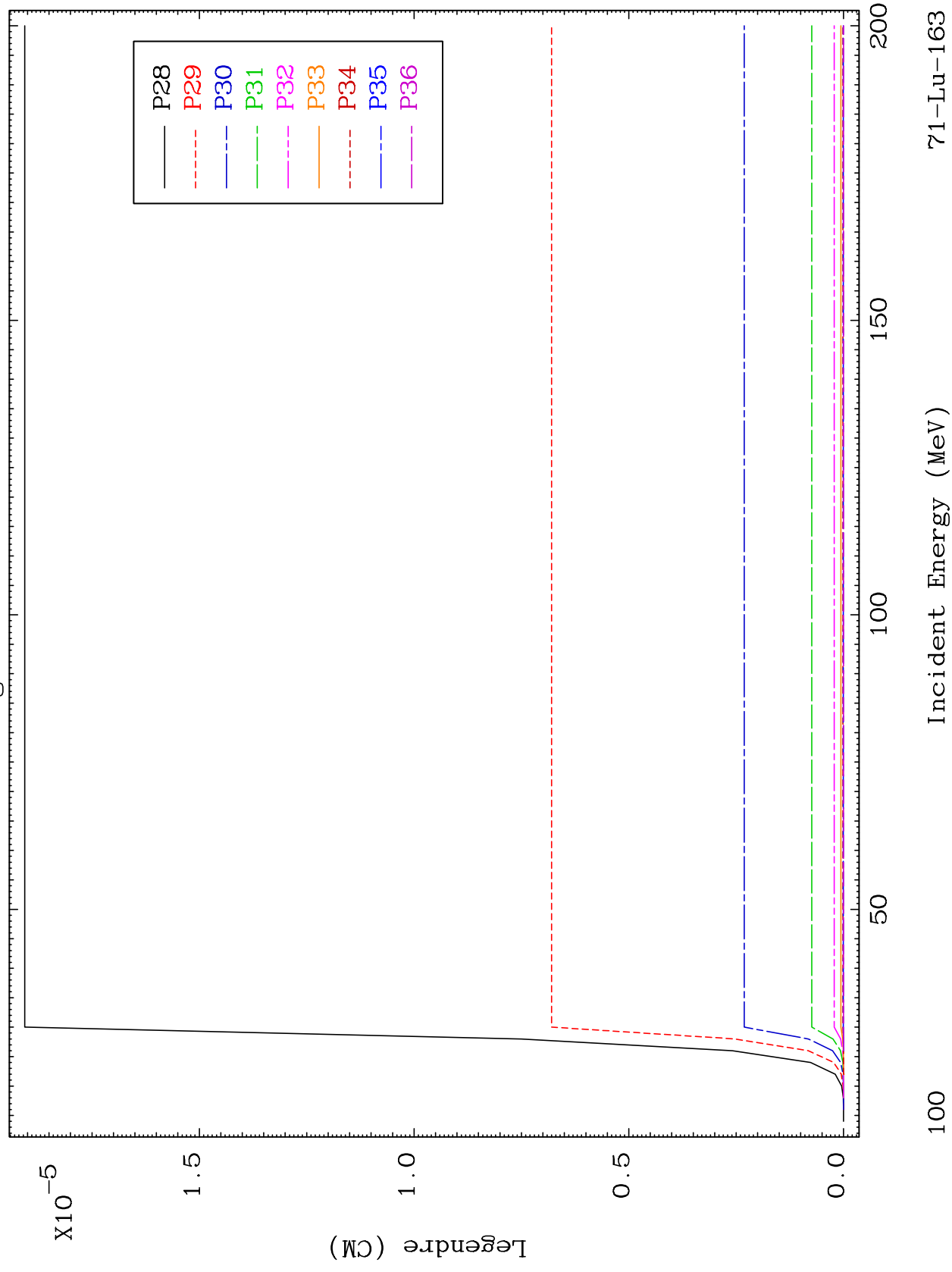




MAT 7089

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

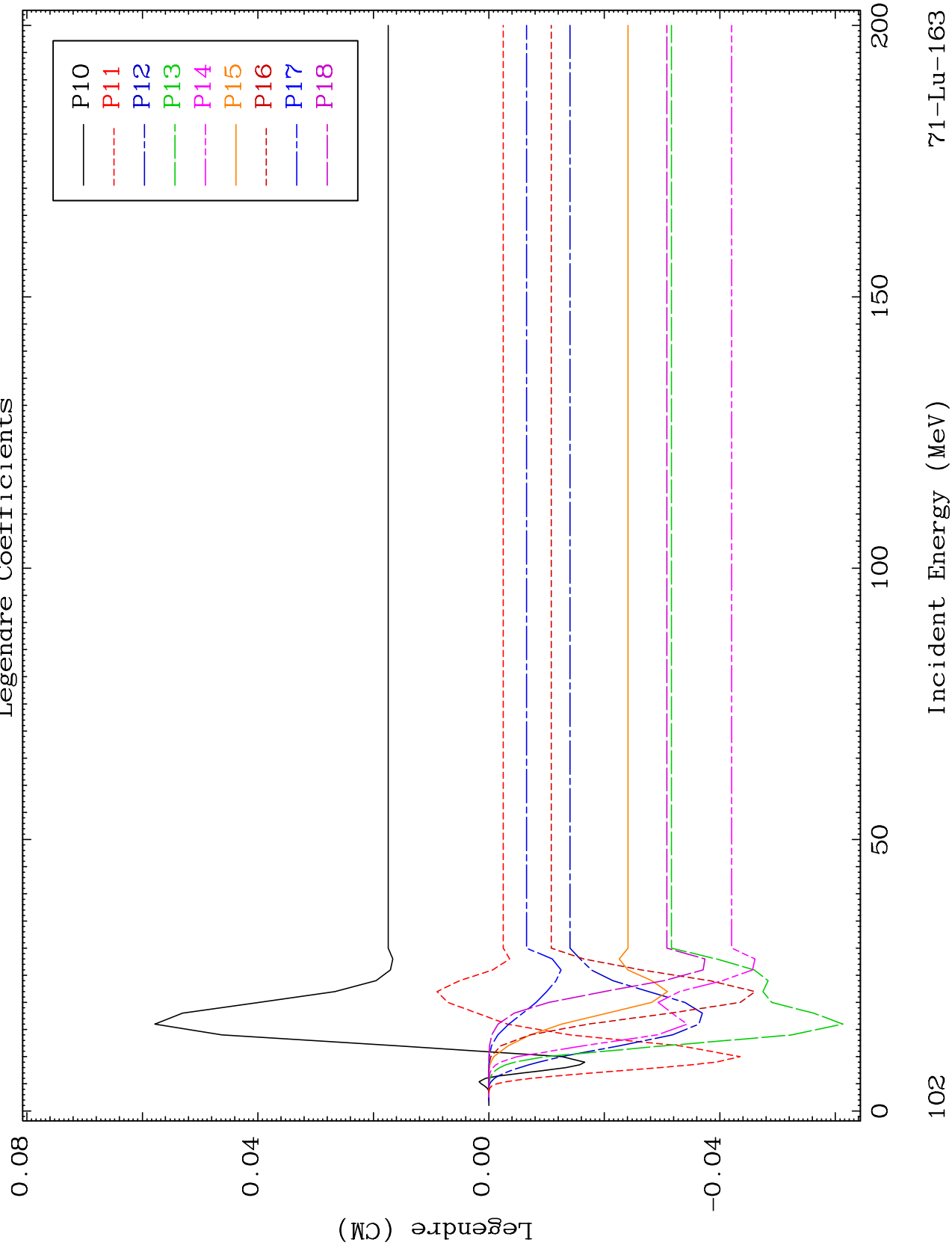
71-Lu-163

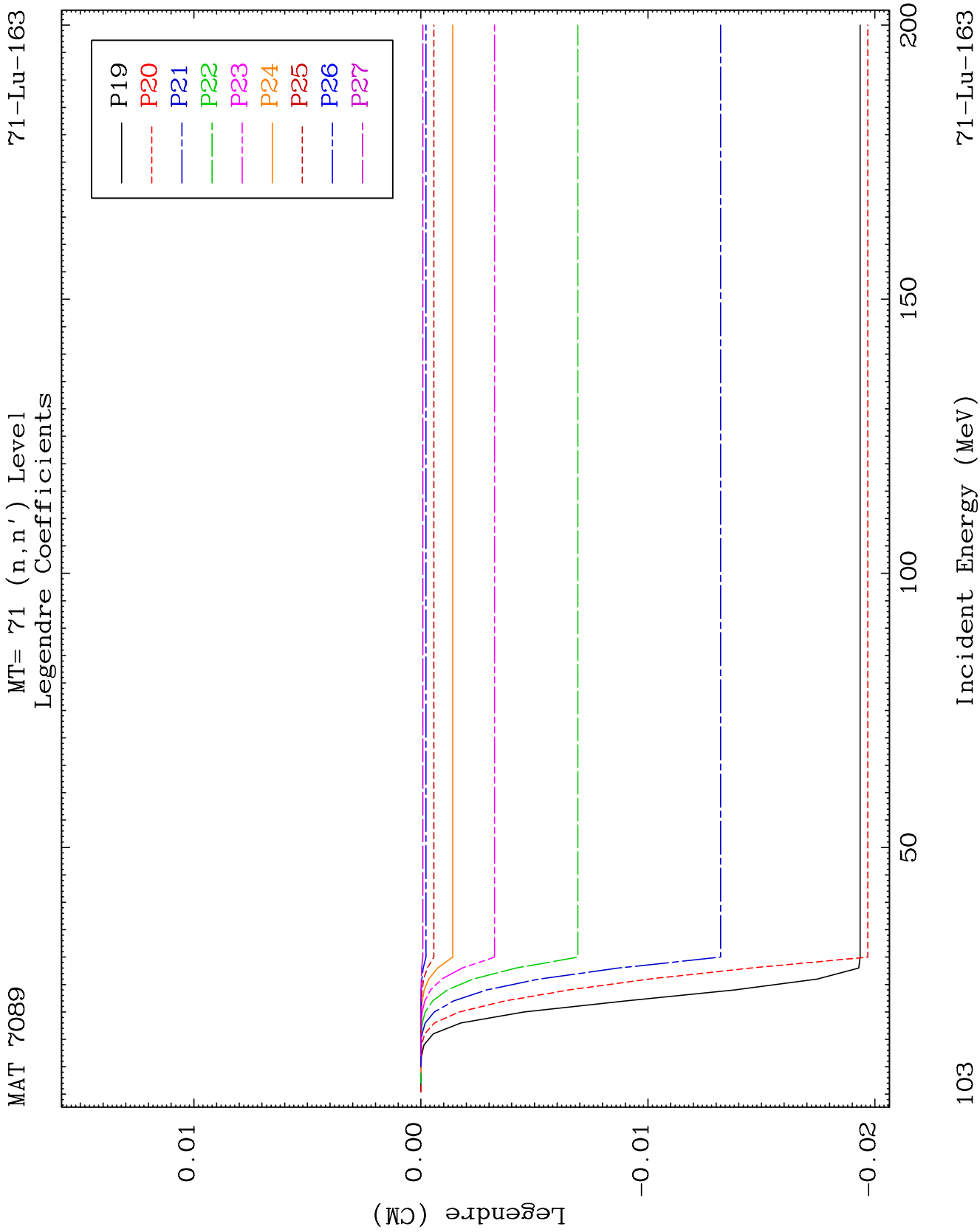


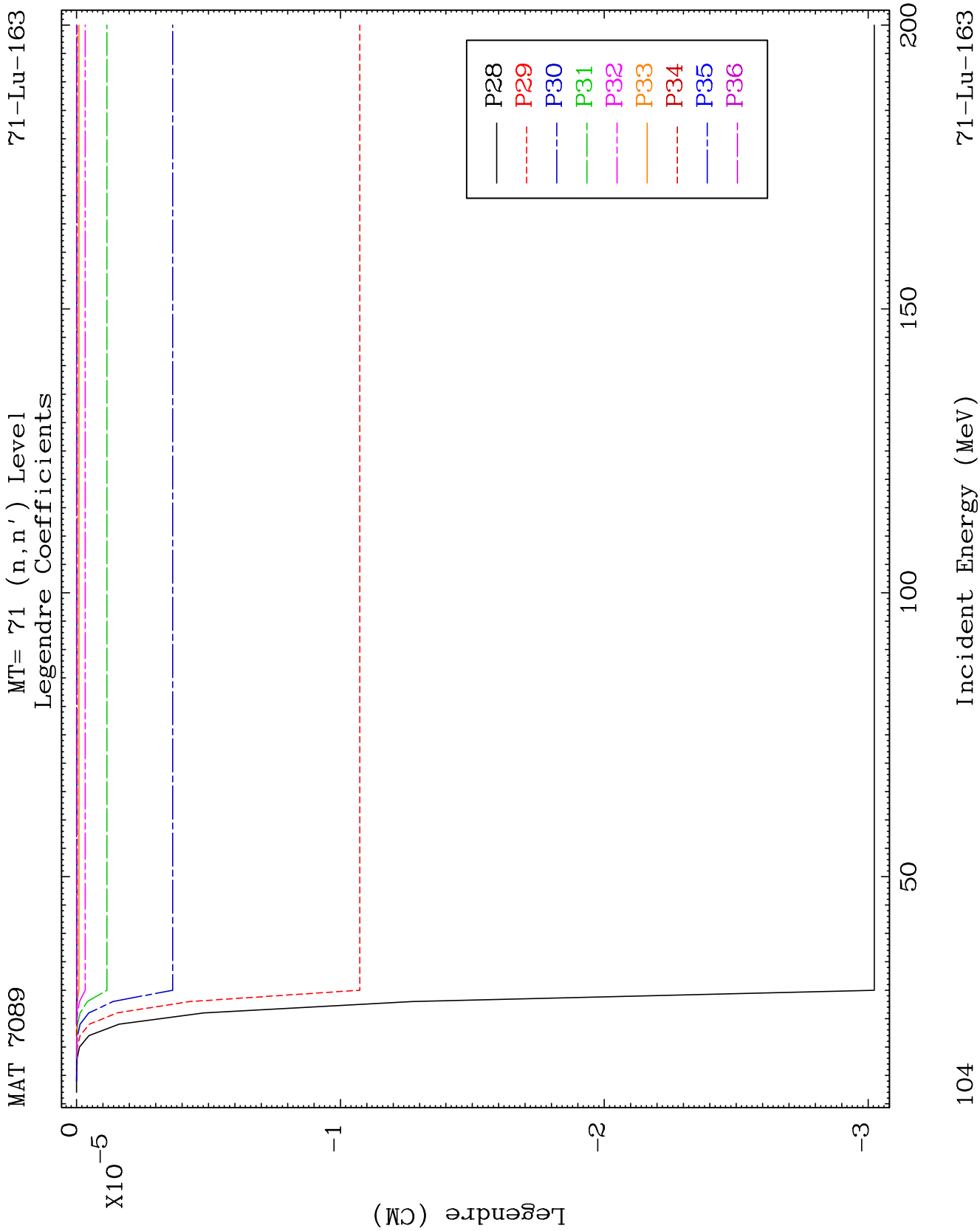
MAT 7089

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

71-Lu-163



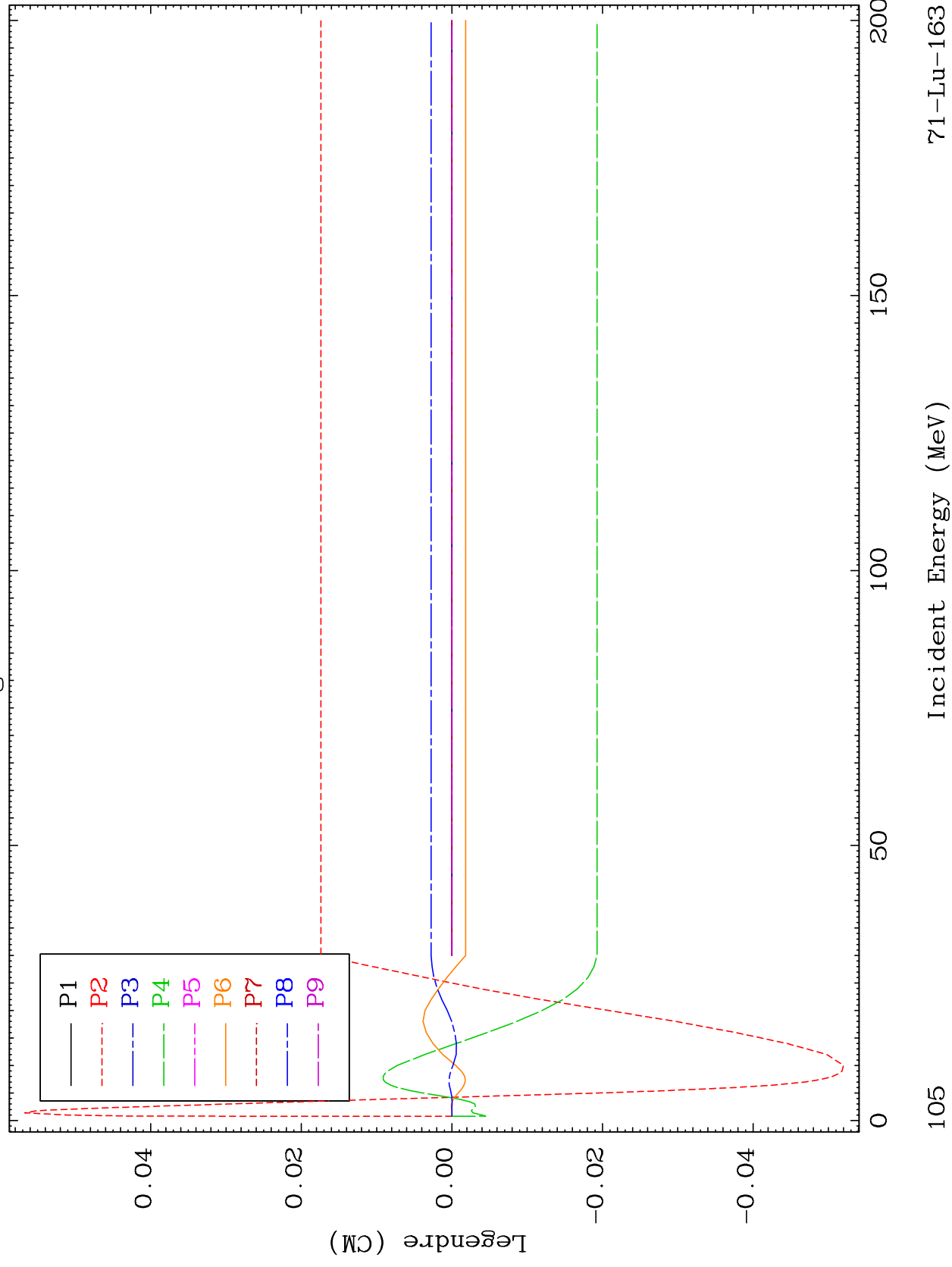




MAT 7089

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

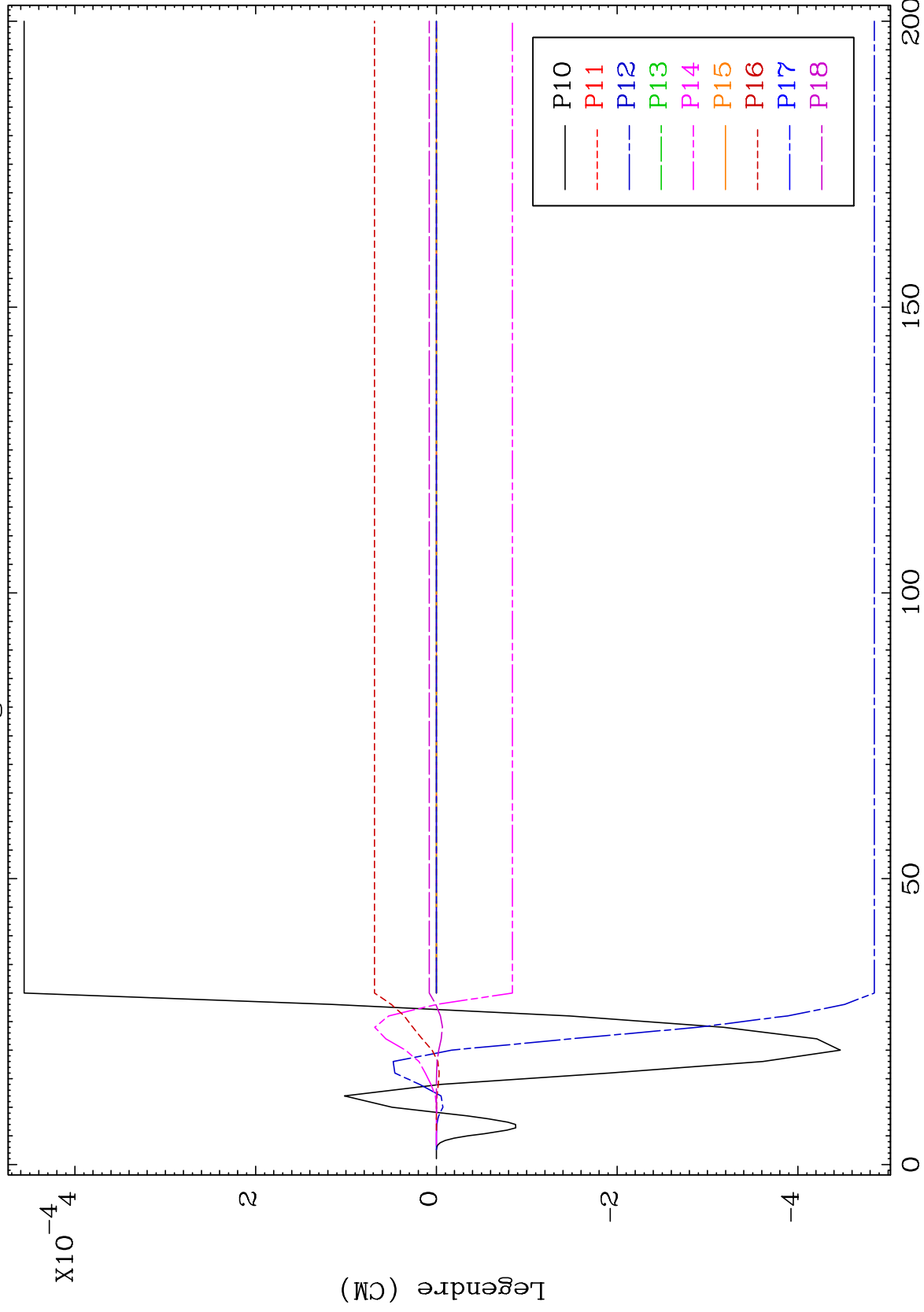
71-Lu-163



MAT 7089

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

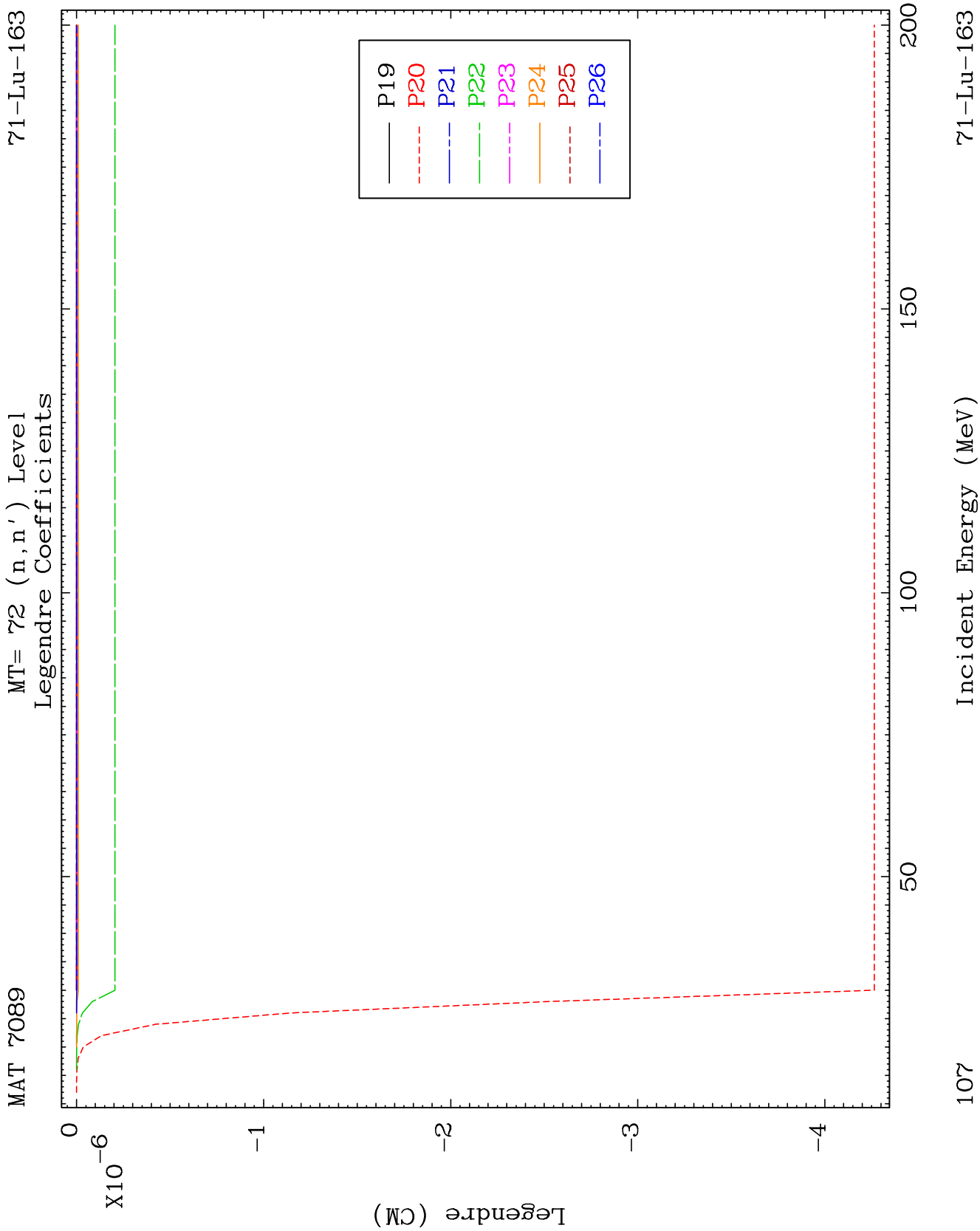
71-Lu-163



106

Incident Energy (MeV)

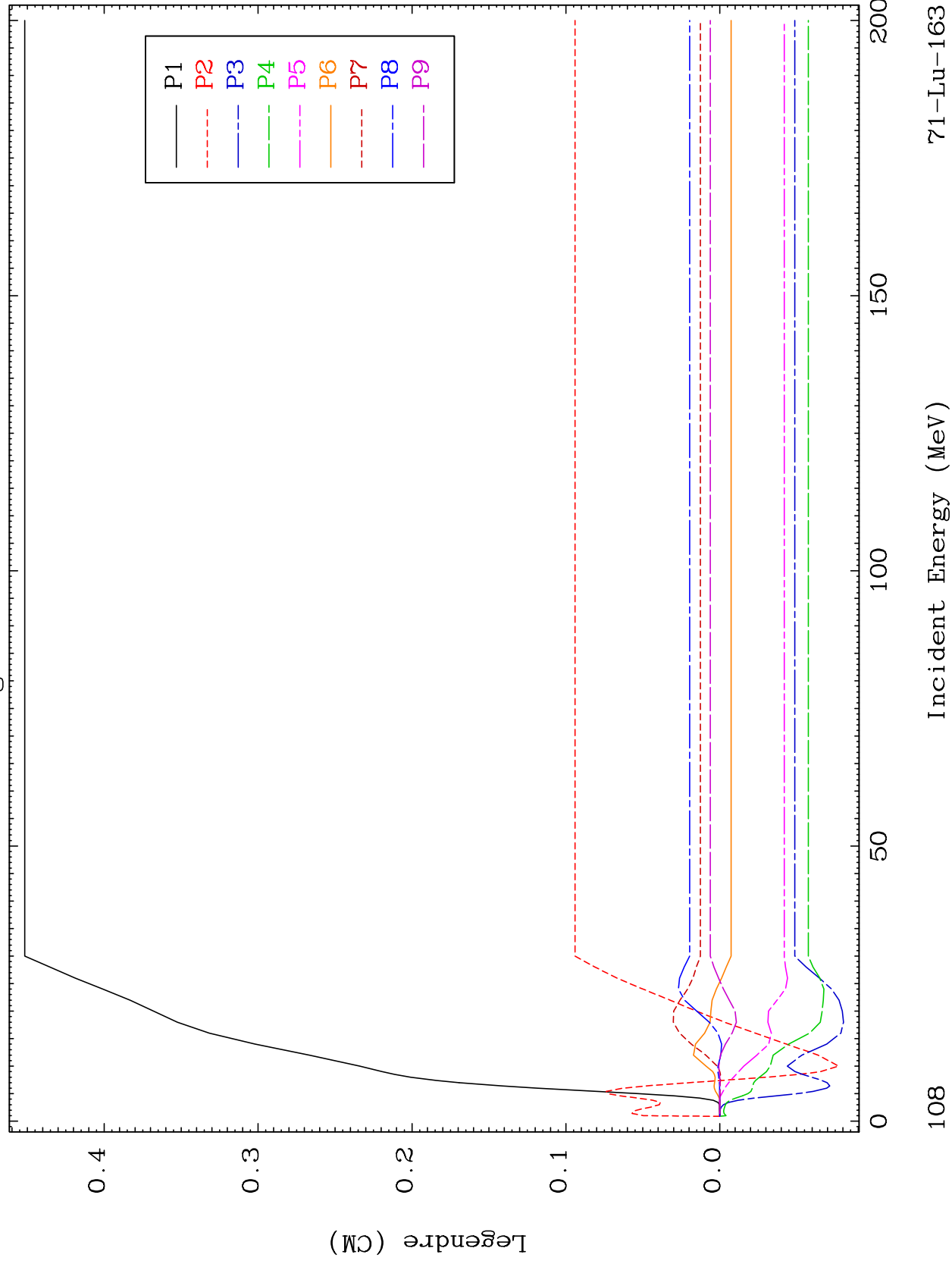
71-Lu-163



MAT 7089

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

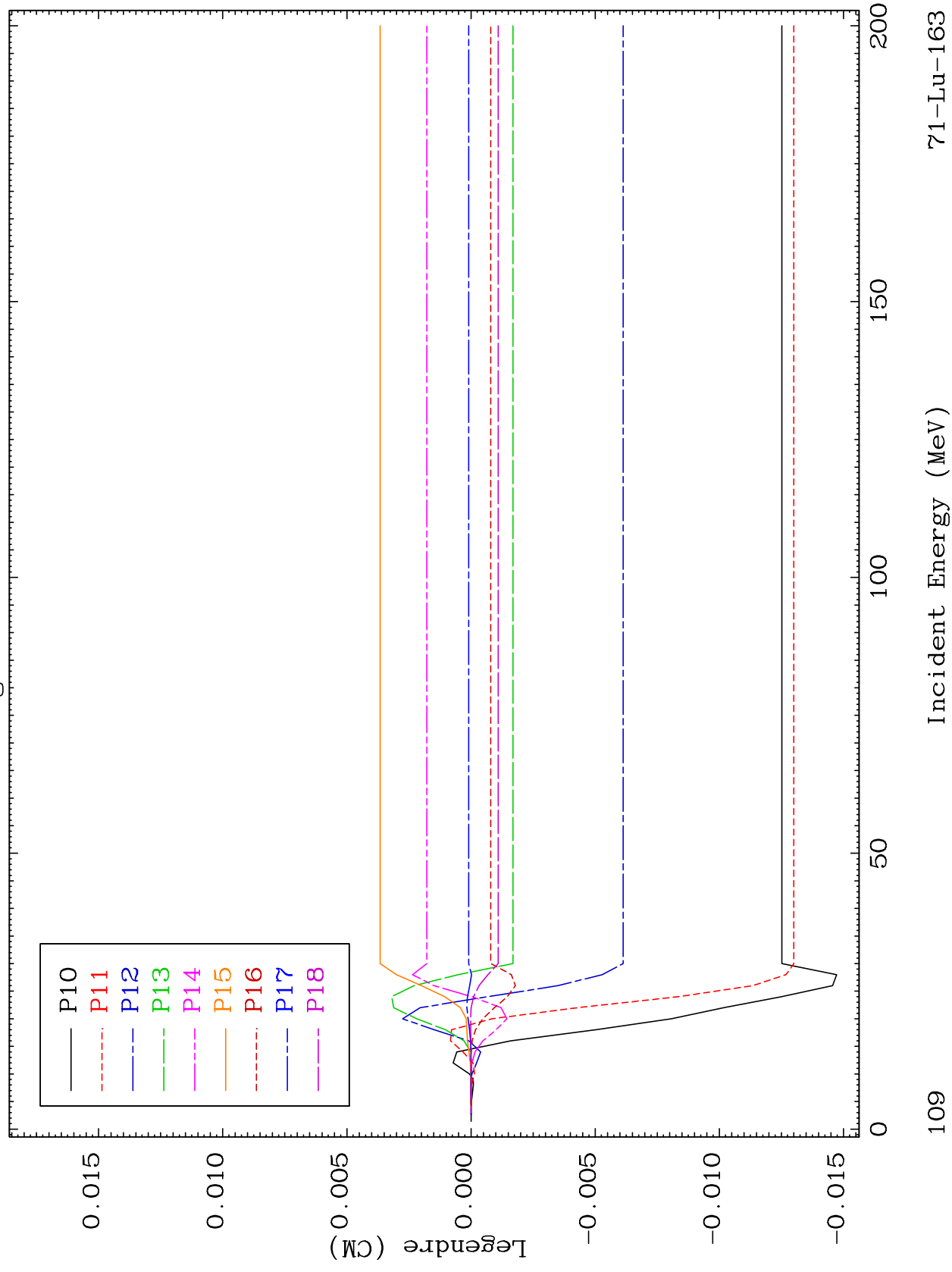
71-Lu-163

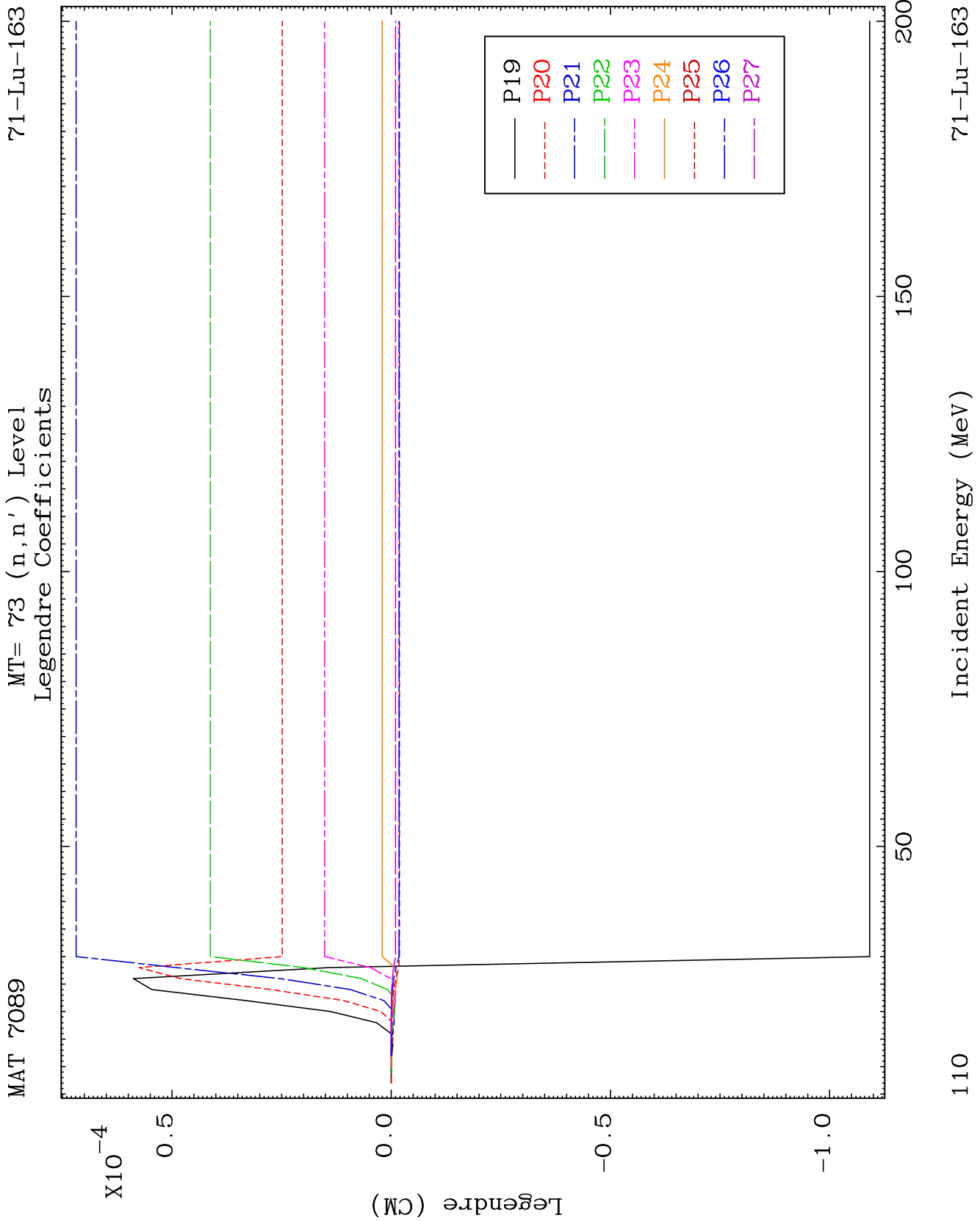


MAT 7089

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

71-Lu-163

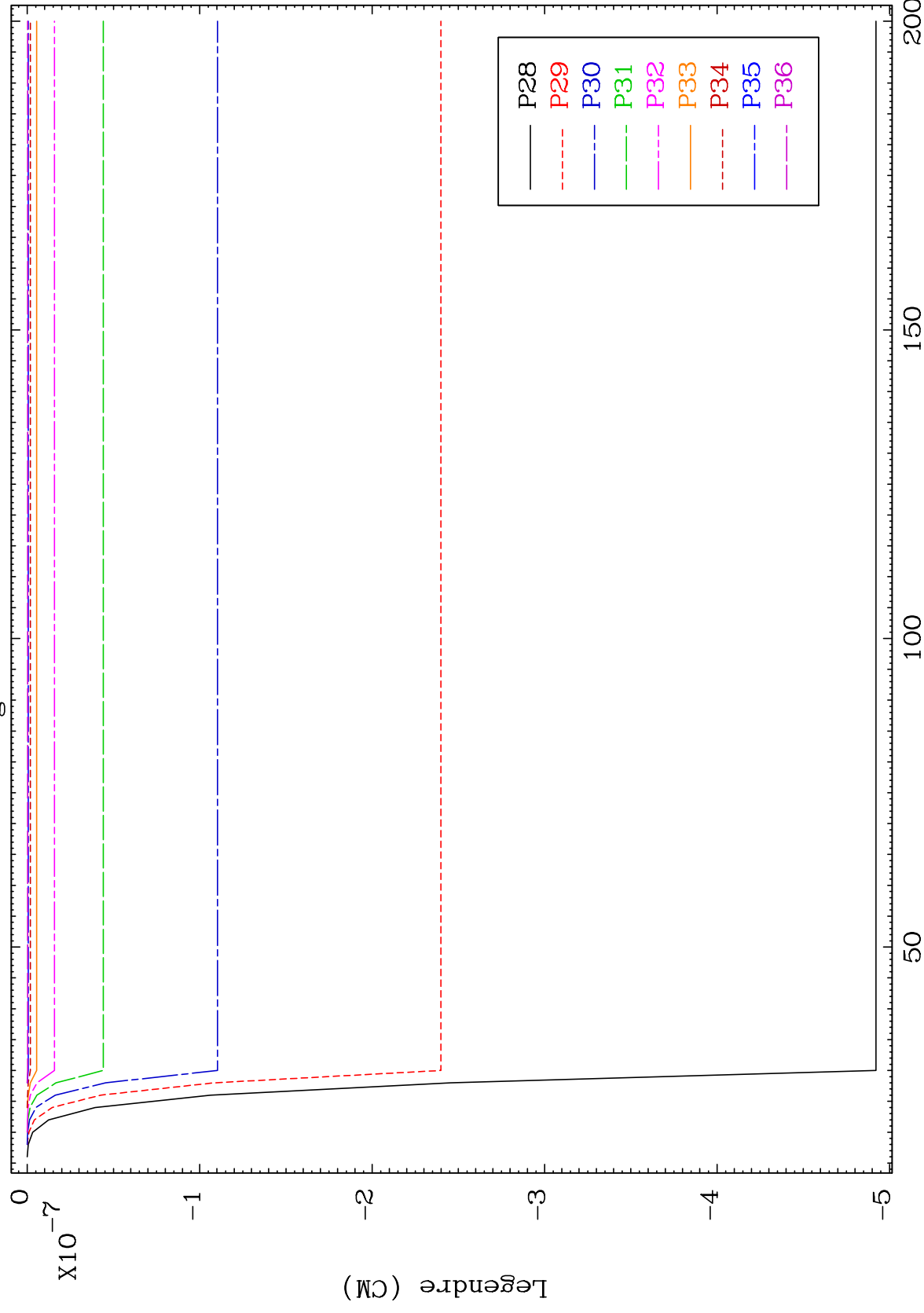




MAT 7089

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

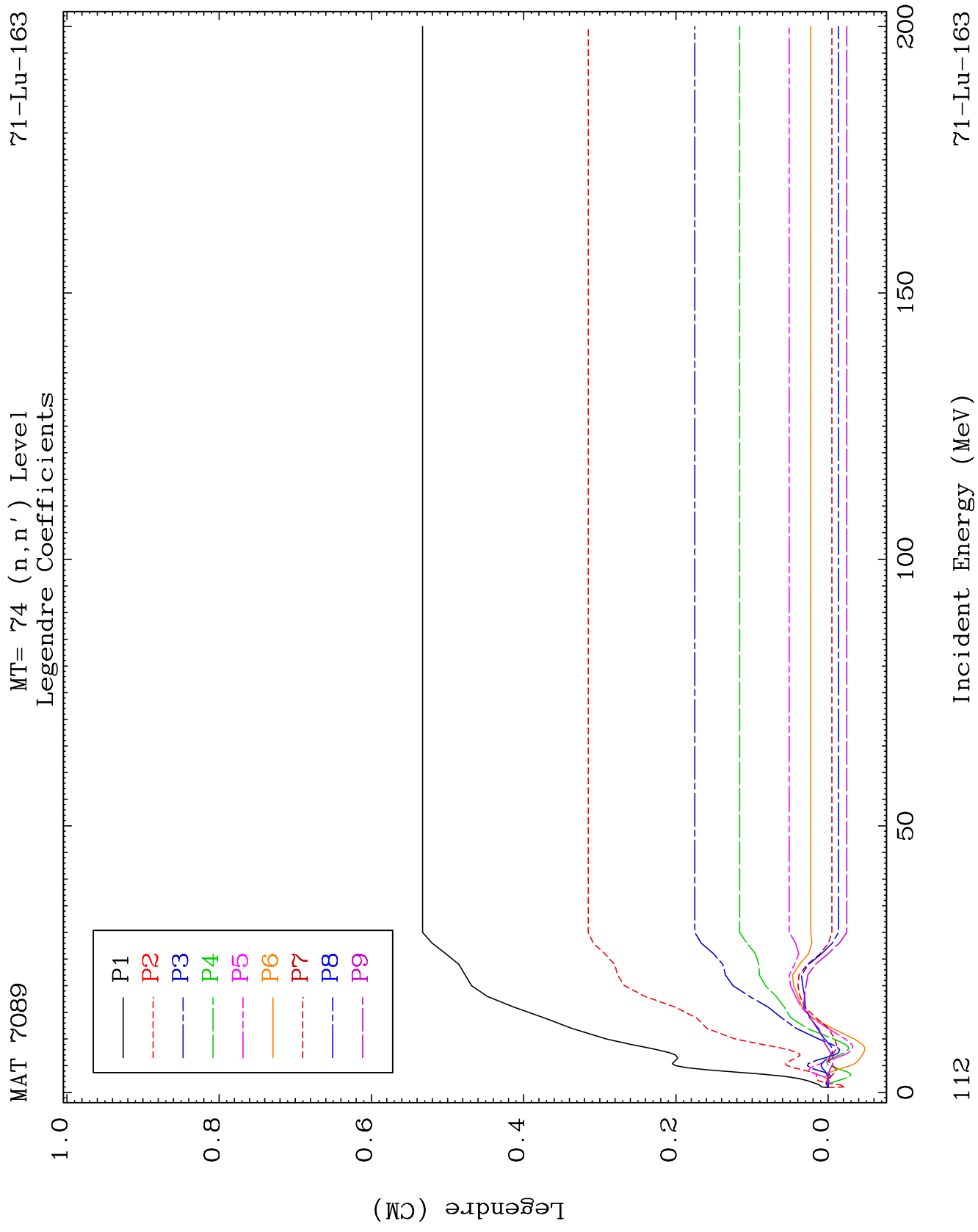
71-Lu-163



111

Incident Energy (MeV)

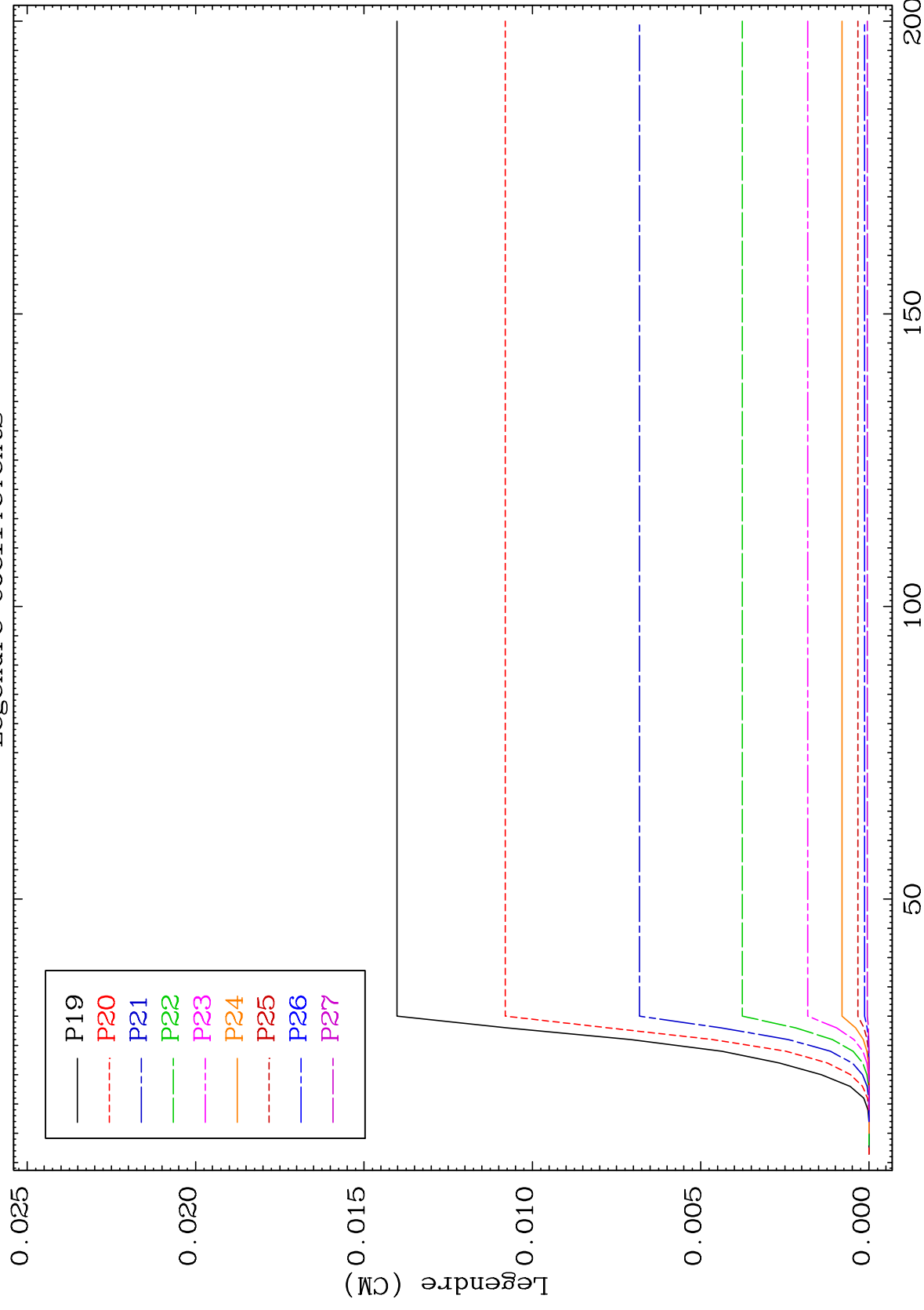
71-Lu-163



MAT 7089

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

71-Lu-163



114

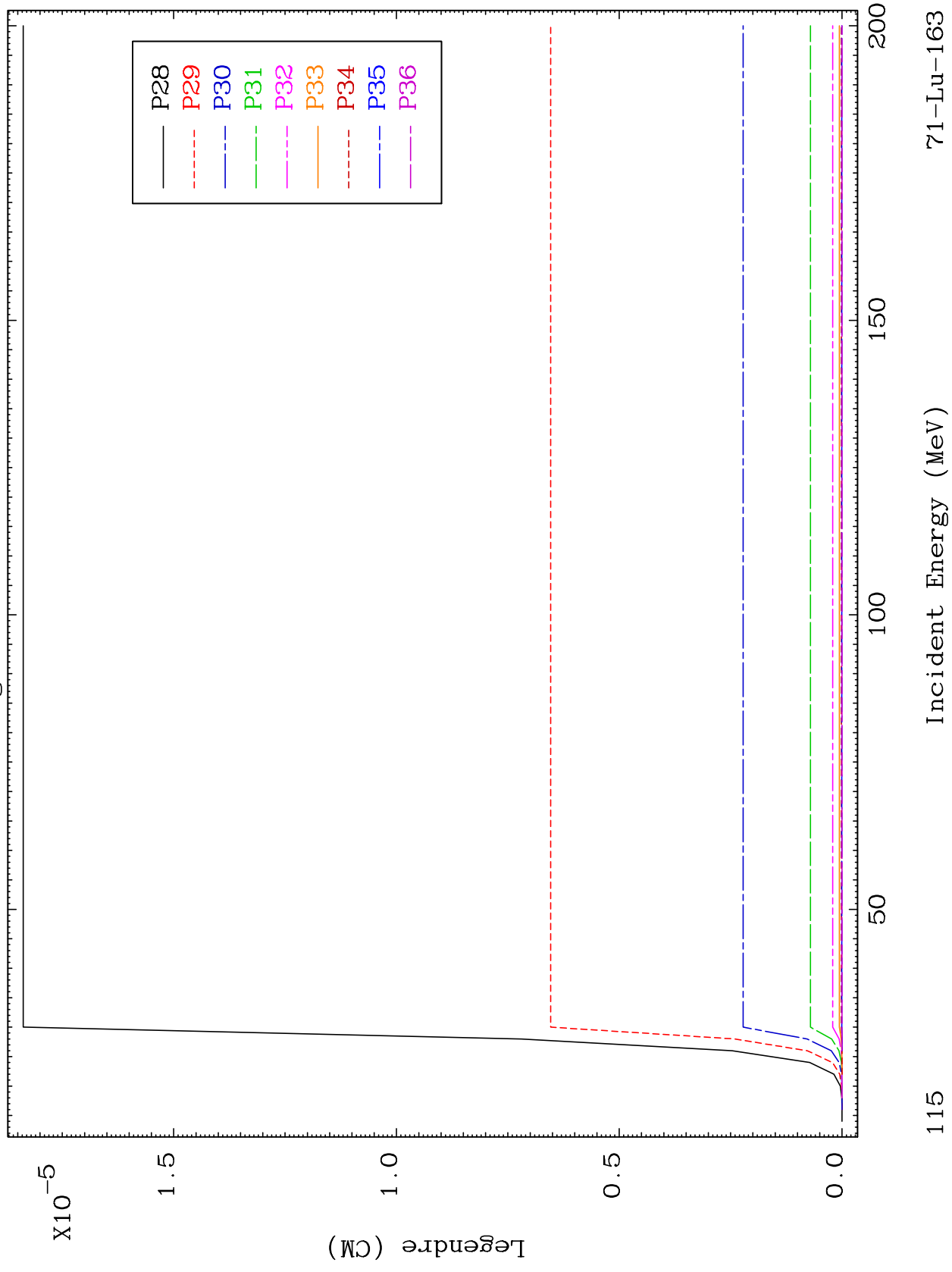
Incident Energy (MeV)

71-Lu-163

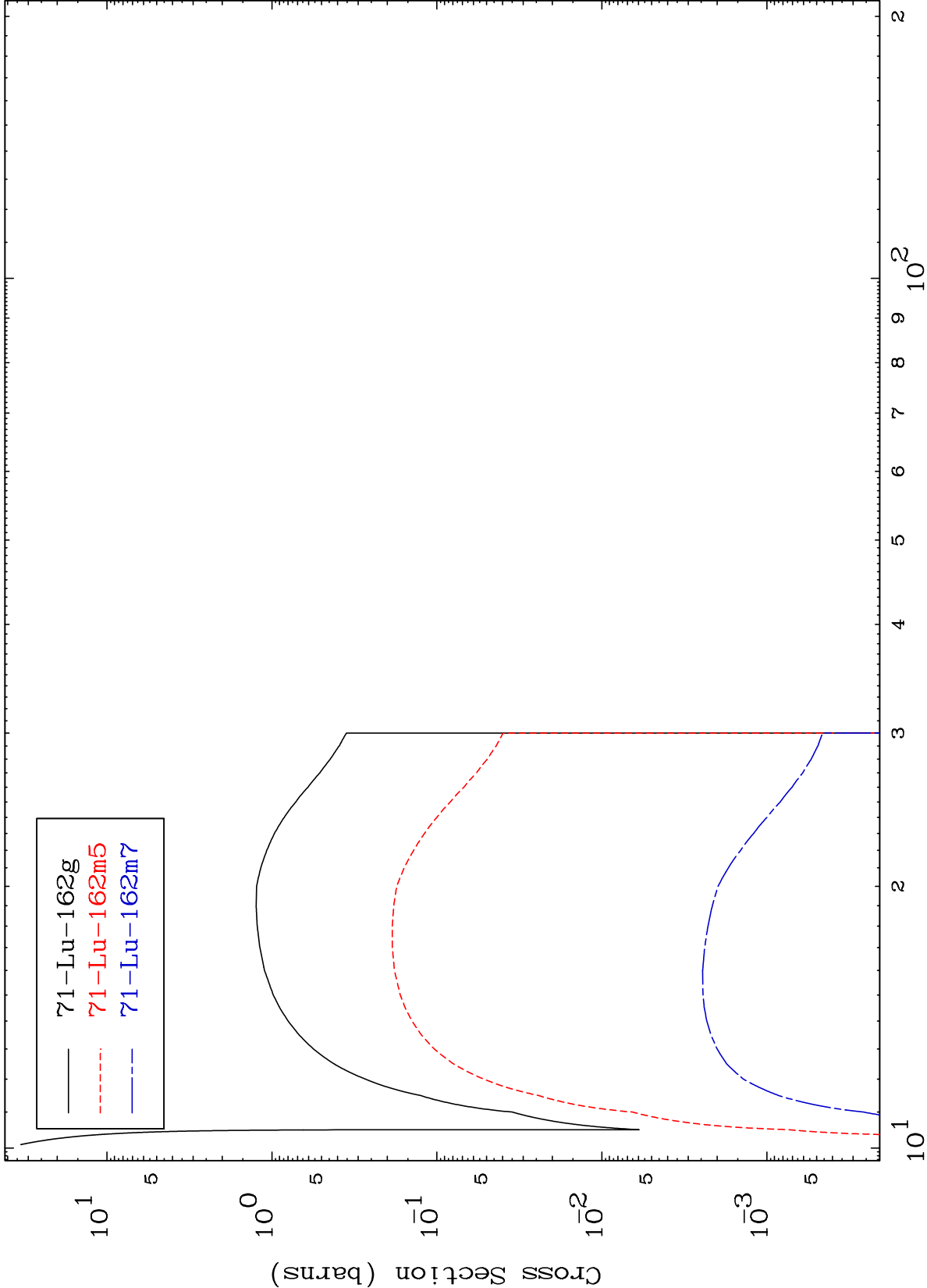
MAT 7089

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

71-Lu-163



Radionuclide Production Cross Section

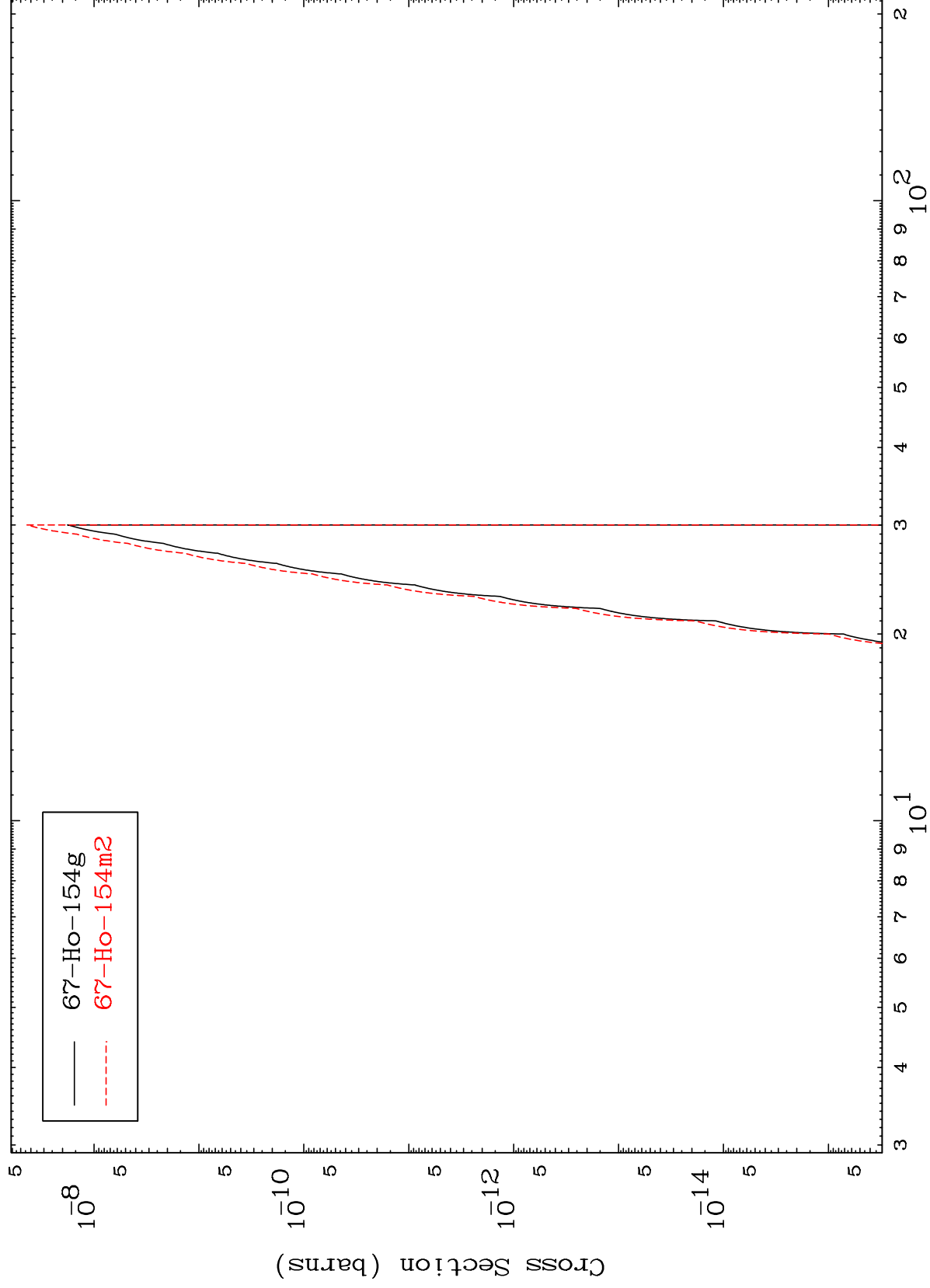


MAT 7089

(n,2n) 2 α

71-Lu-163

Radionuclide Production Cross Section



117

Incident Energy (MeV)

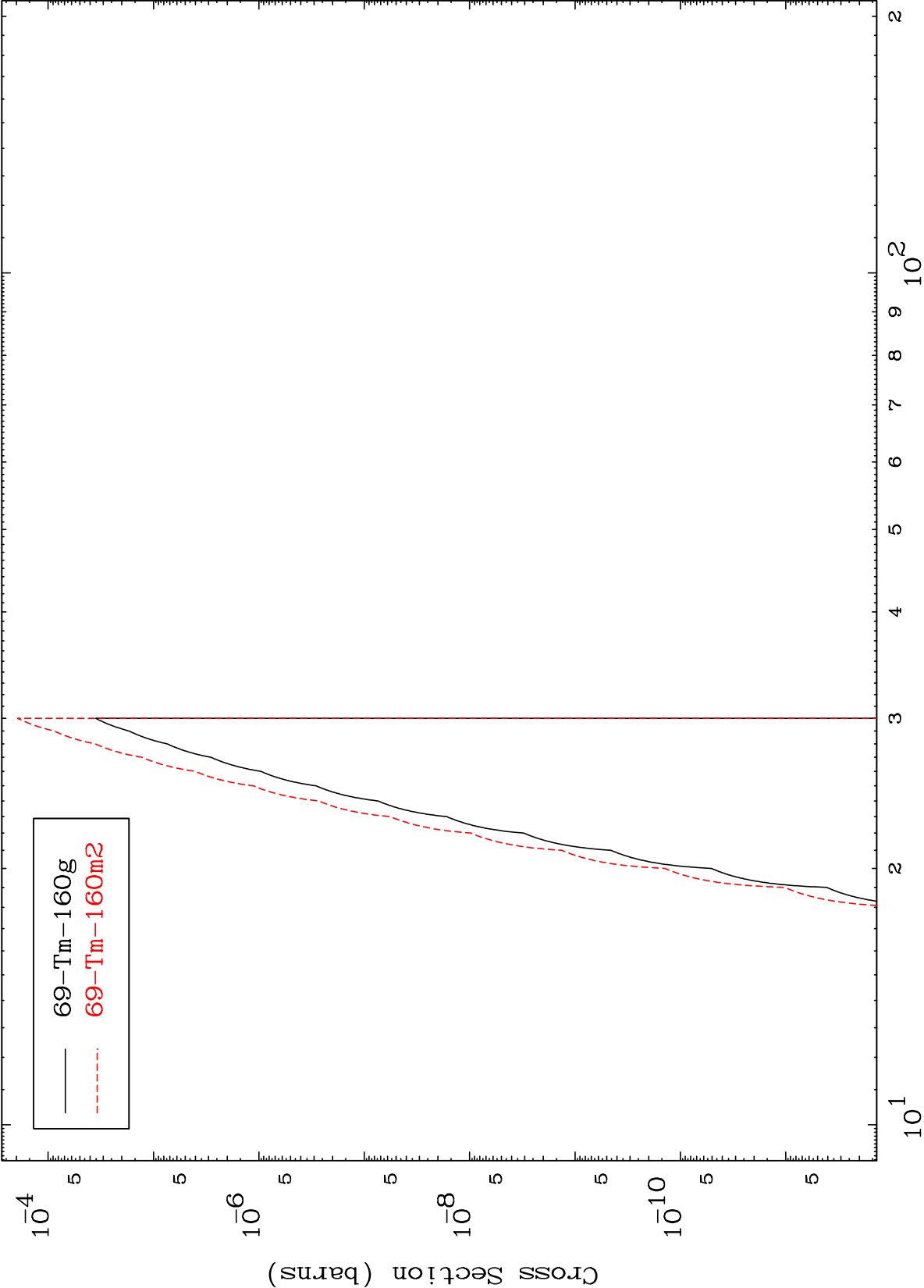
71-Lu-163

MAT 7089

(n,n') He-3

71-Lu-163

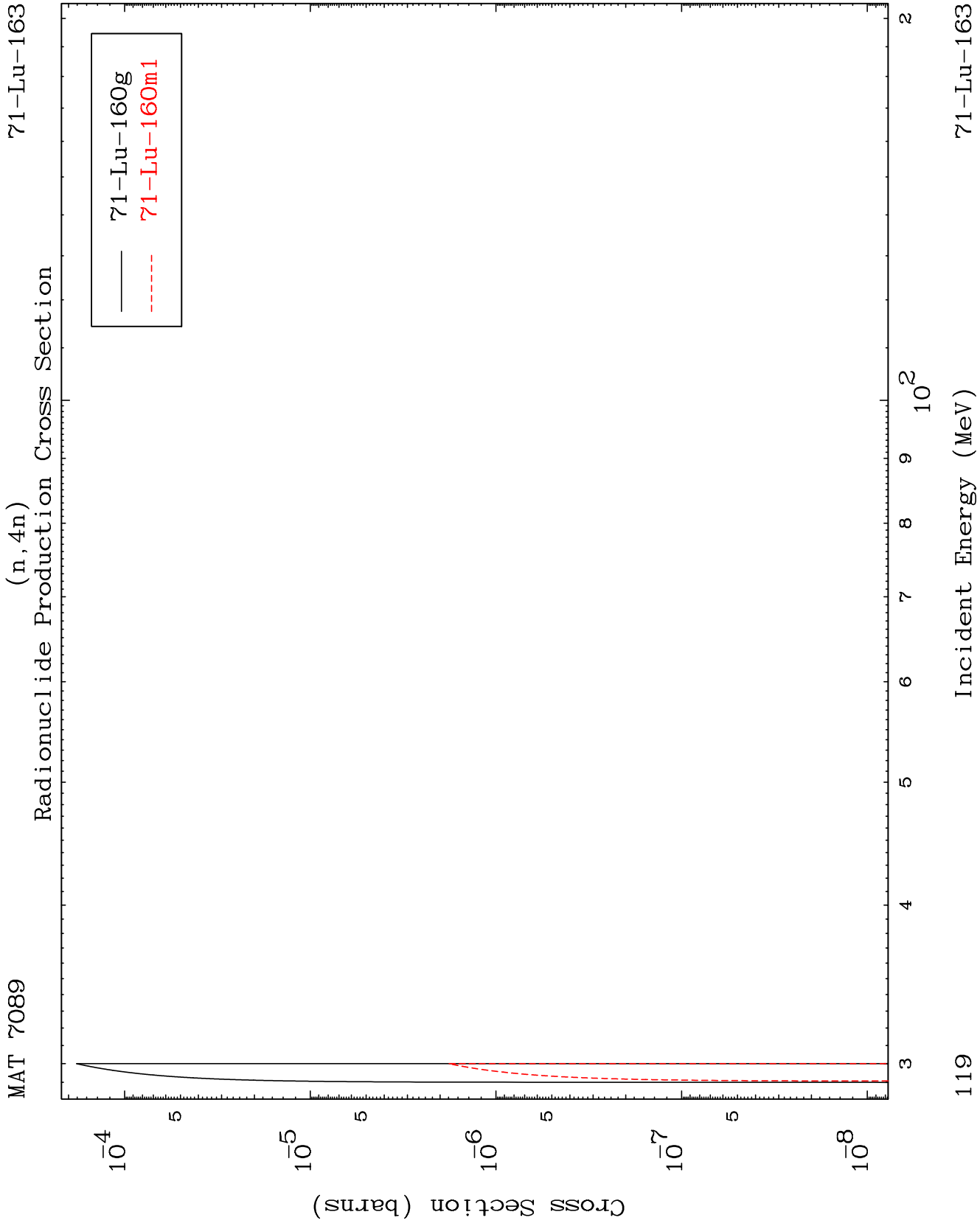
Radionuclide Production Cross Section



118

Incident Energy (MeV)

71-Lu-163

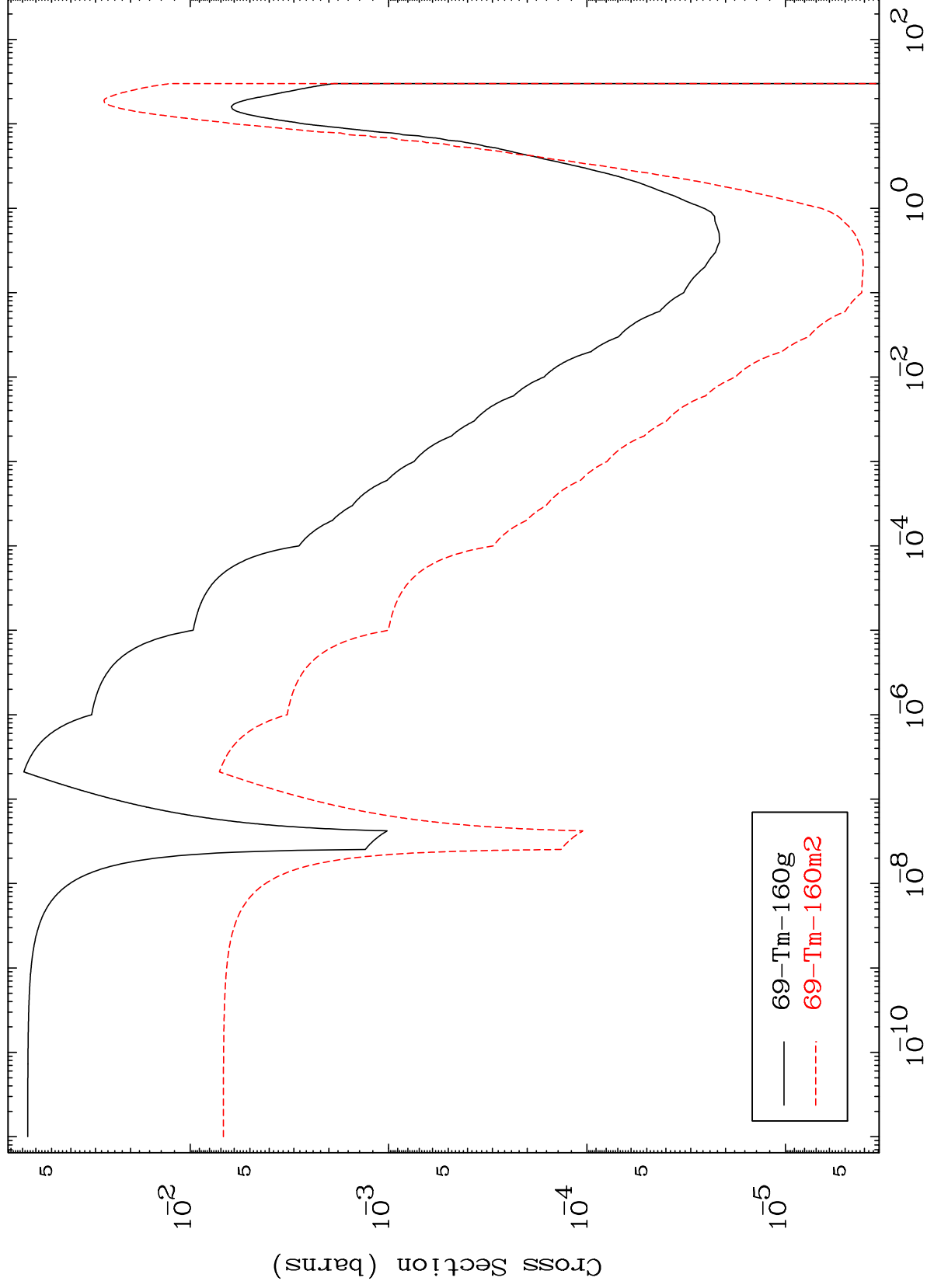


MAT 7089

71-Lu-163

Radionuclide Production Cross Section

(n, α)



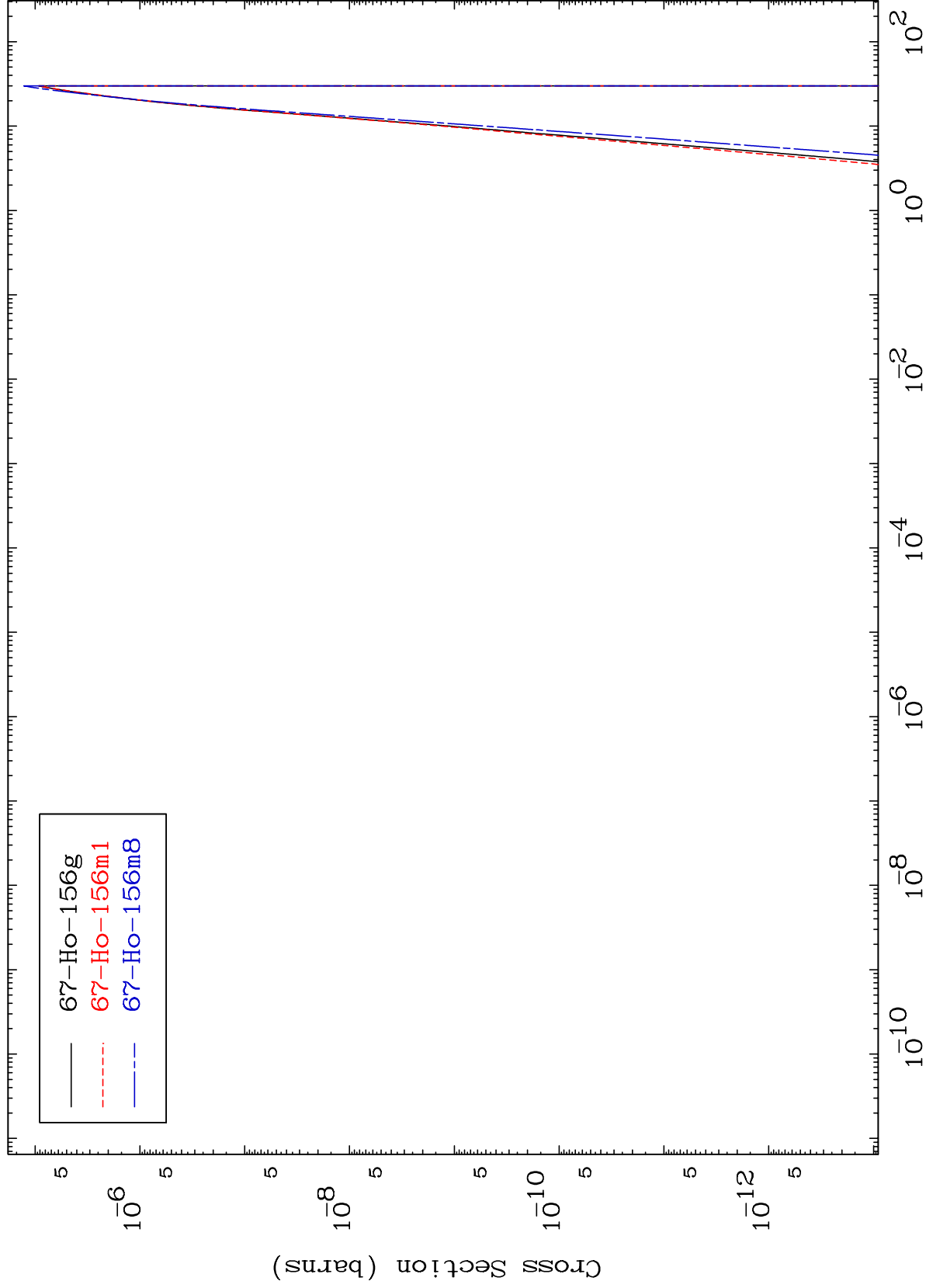
120

71-Lu-163

MAT 7089

71-Lu-163

(n,2α)
Radionuclide Production Cross Section

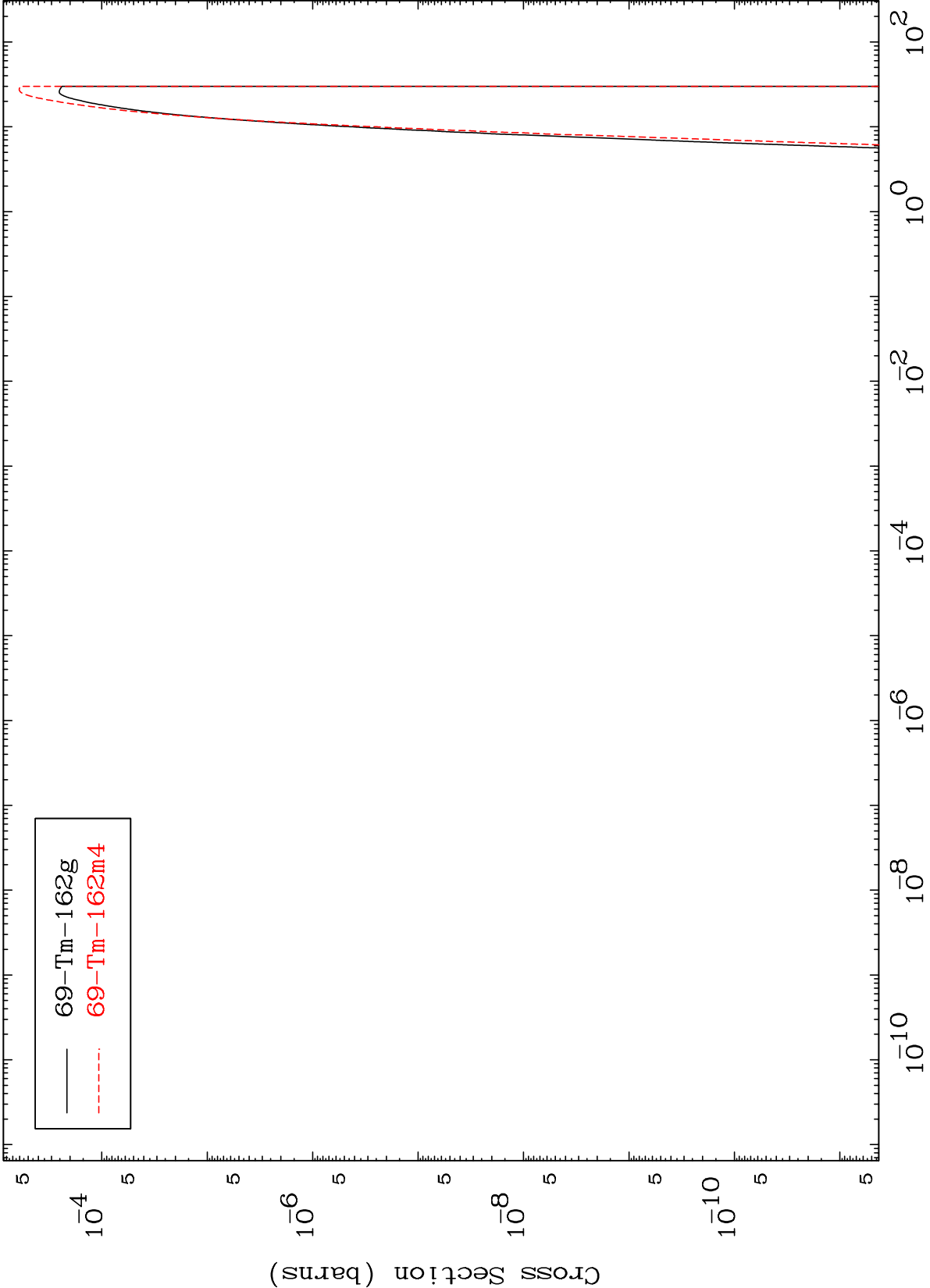


71-Lu-163

Incident Energy (MeV)

121

Radionuclide Production Cross Section



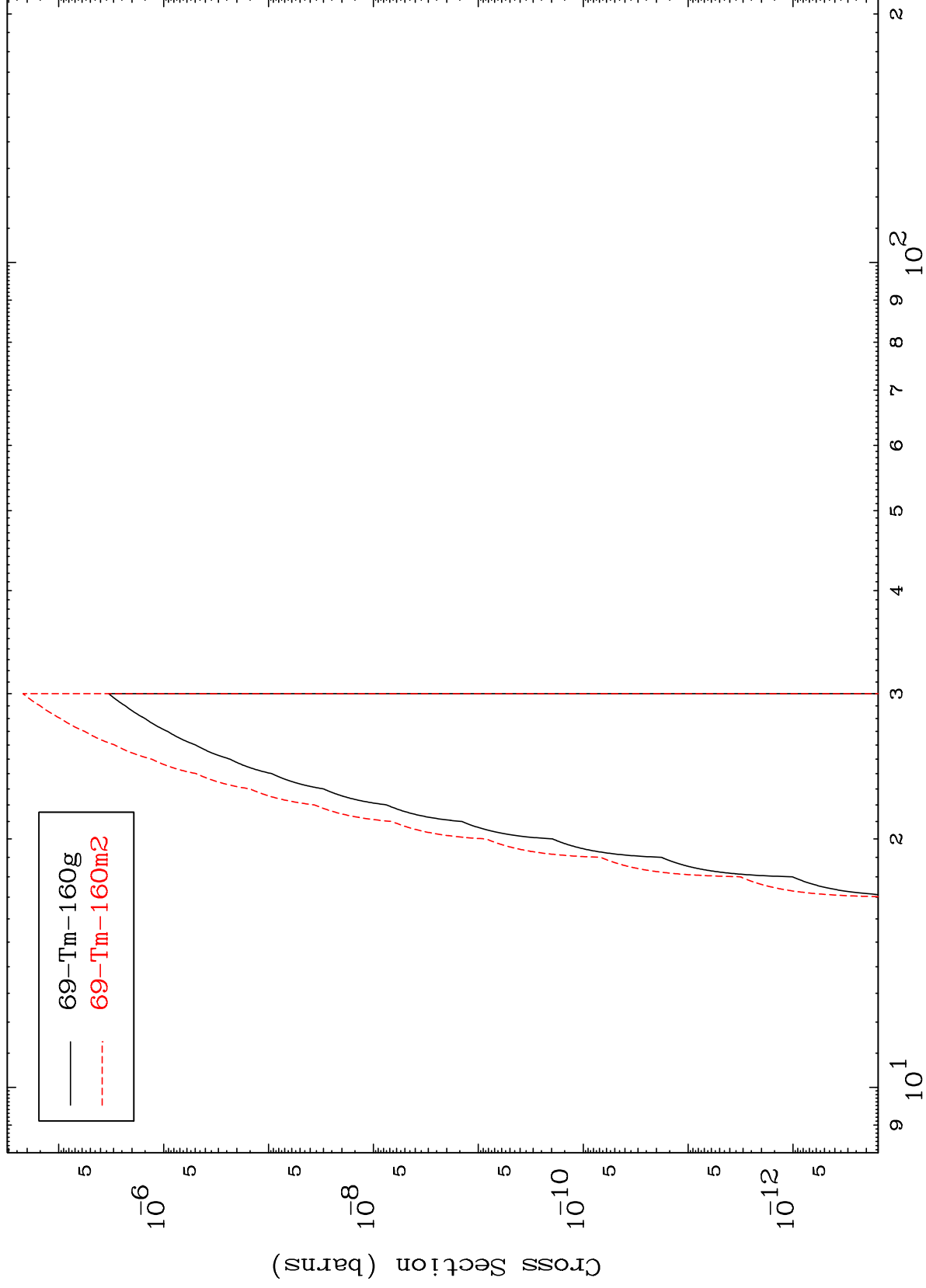
69-Tm-162g
69-Tm-162m4

MAT 7089

(n,p) t

71-Lu-163

Radionuclide Production Cross Section



123

Incident Energy (MeV)

71-Lu-163