

Program EVALPLOT
(Version 2021-1)

by

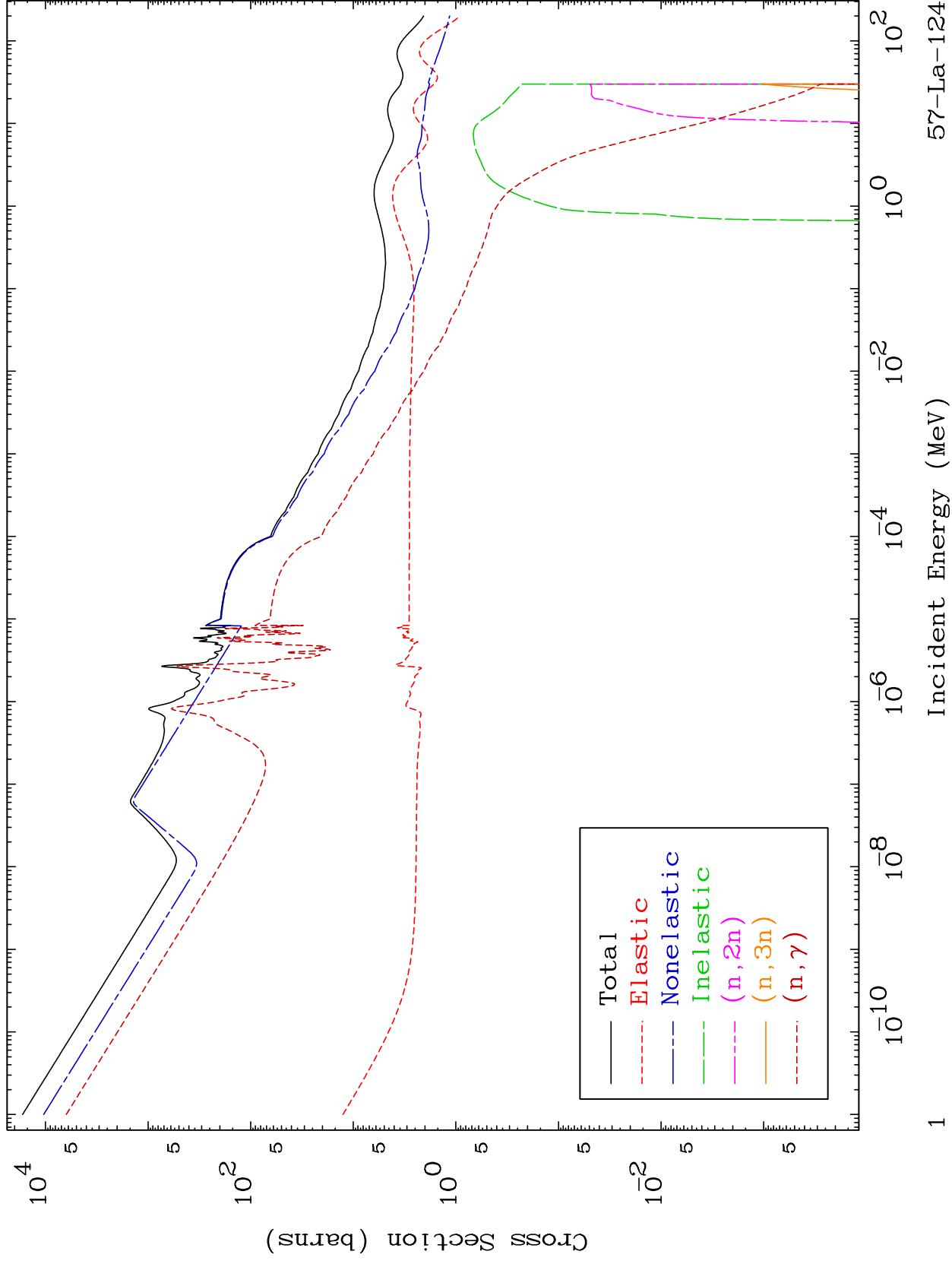
Dermott E. Cullen
(Present Contact Information)

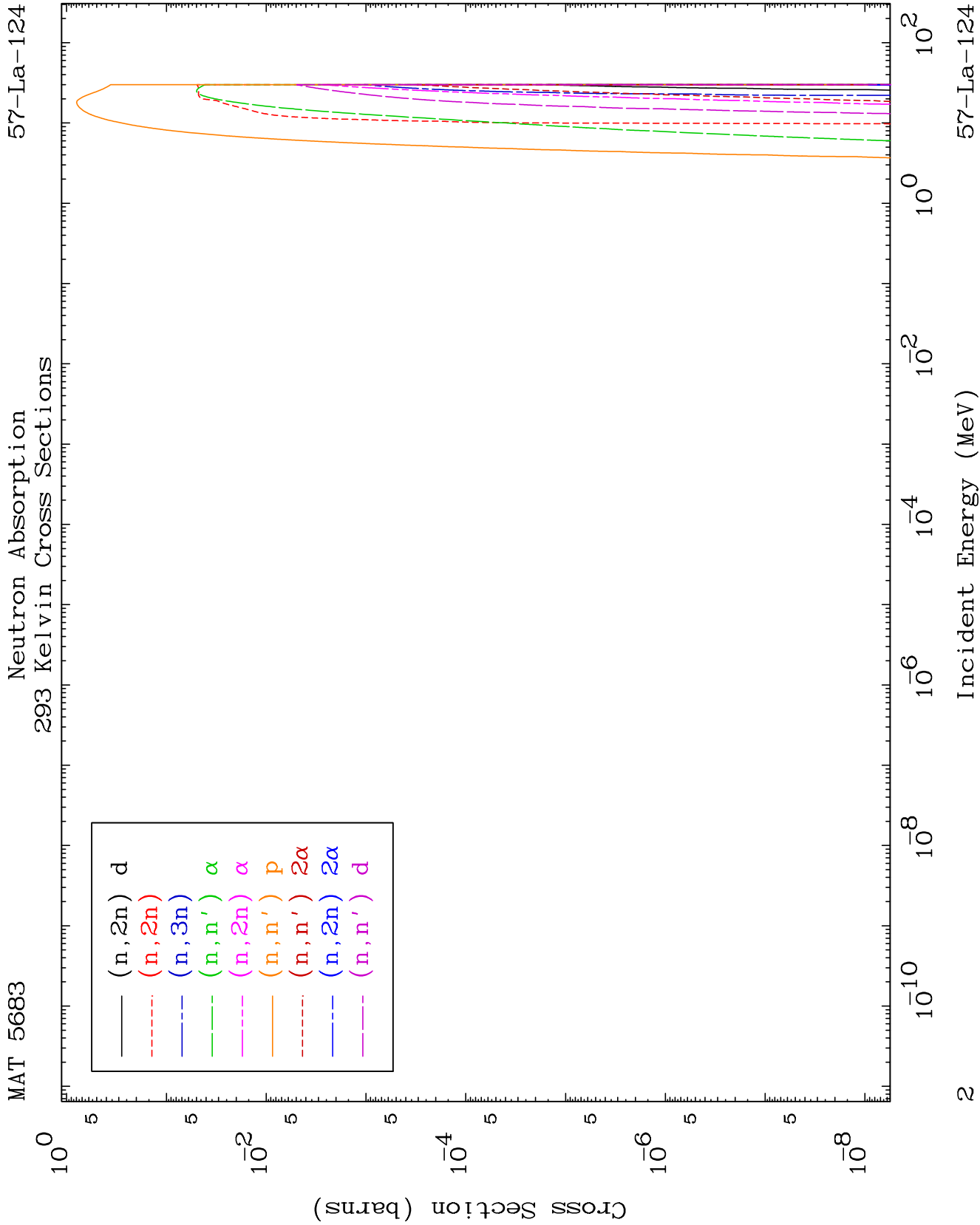
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

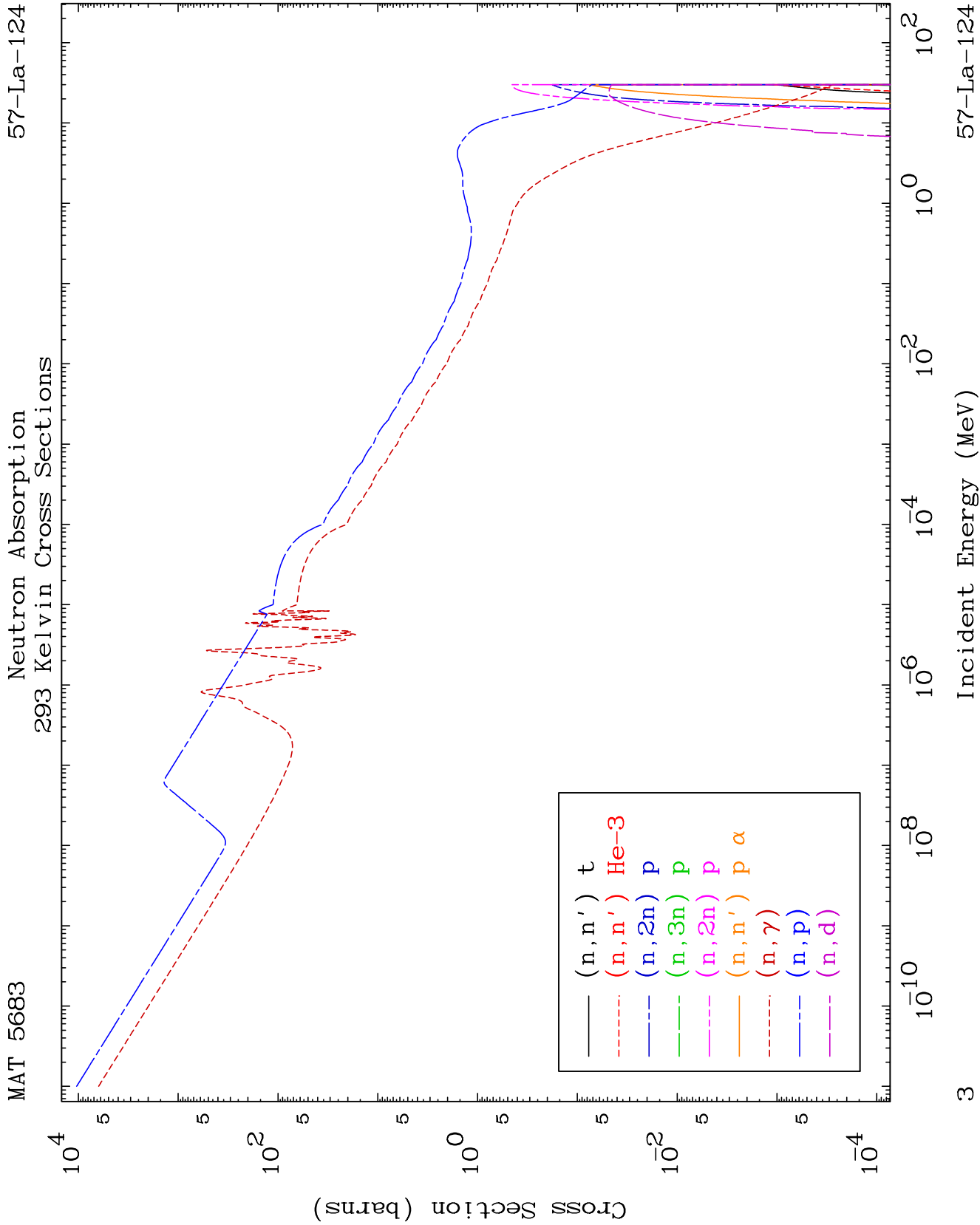
Tele: 925-443-1911

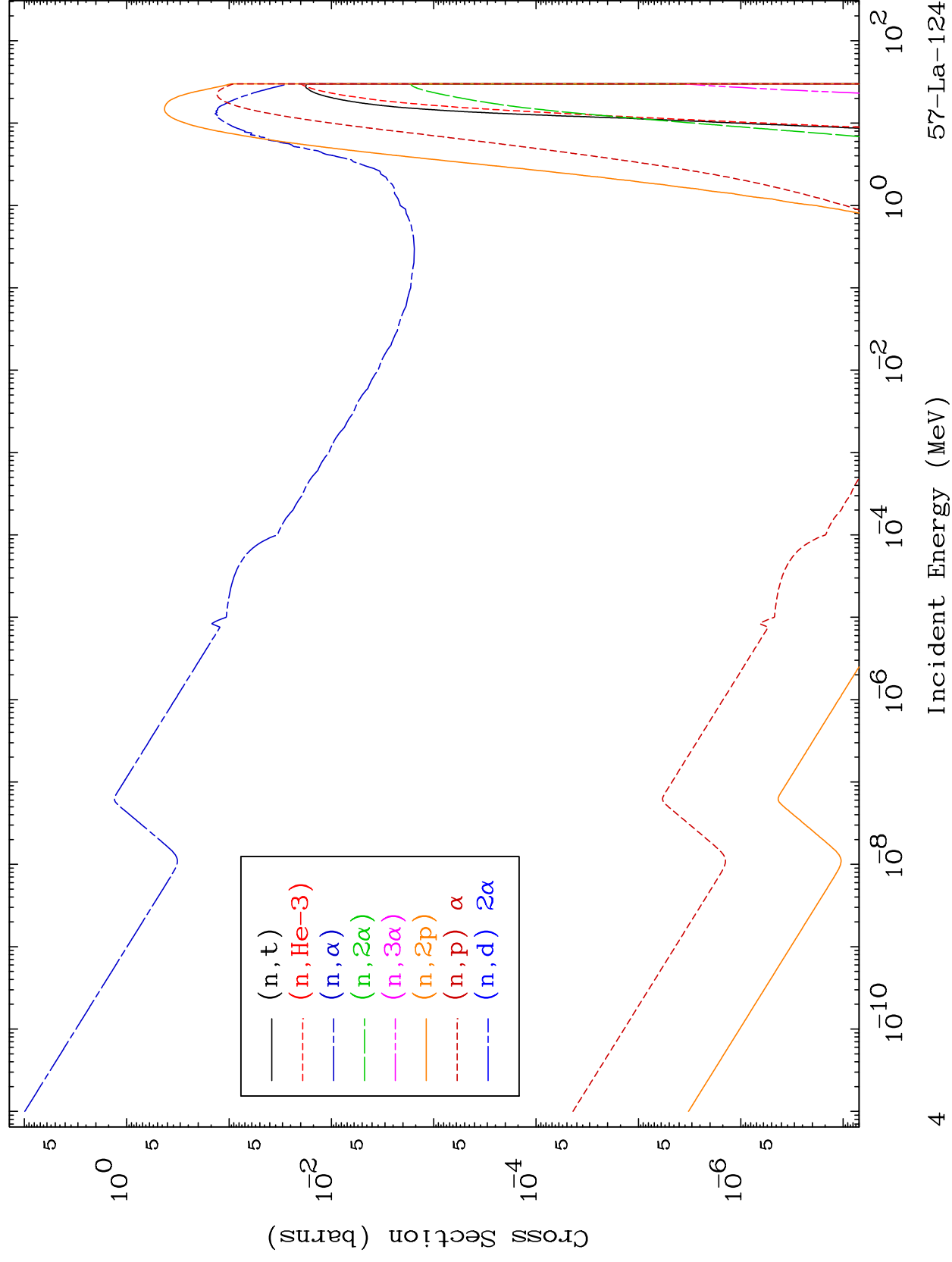
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

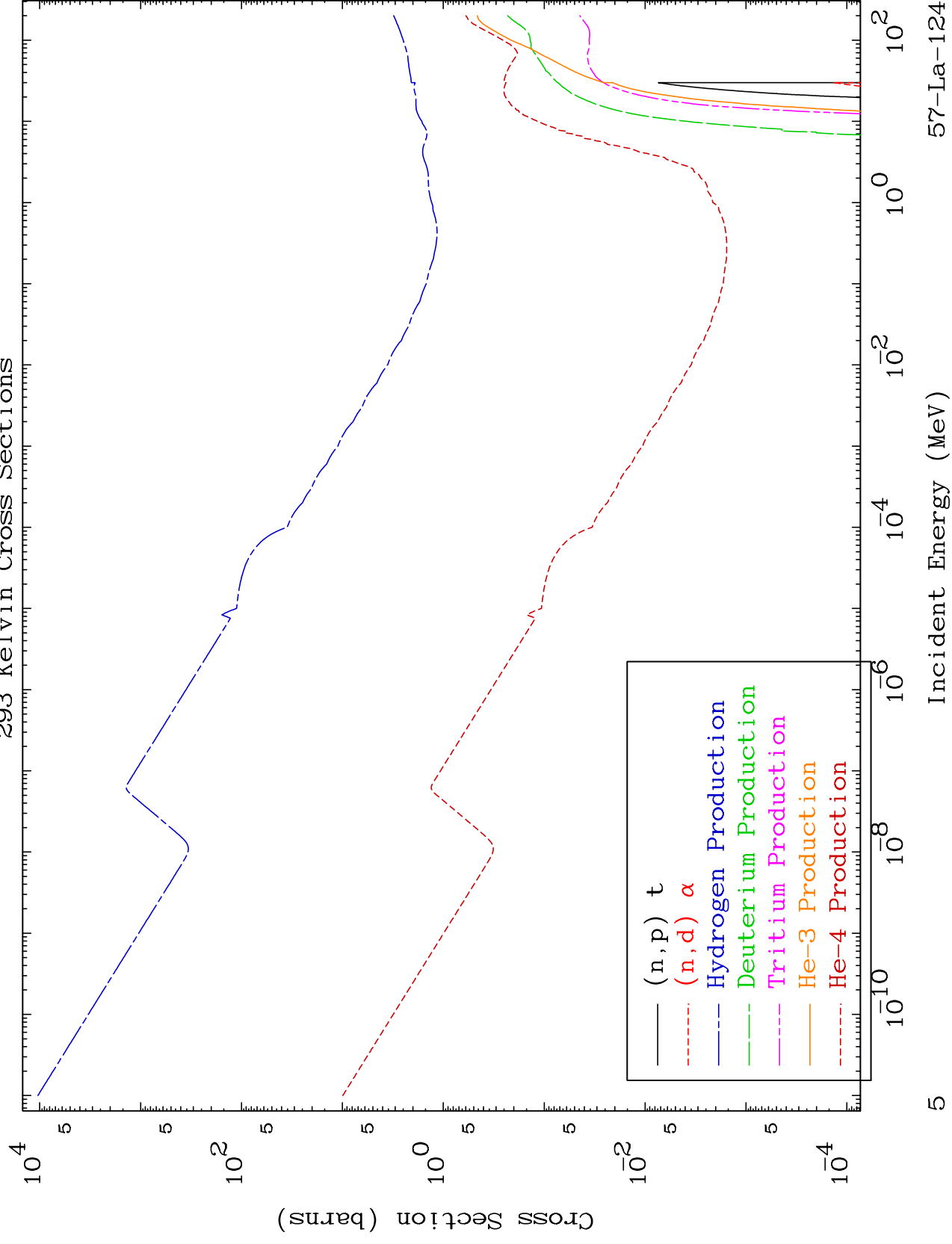
Press Mouse Button to Start

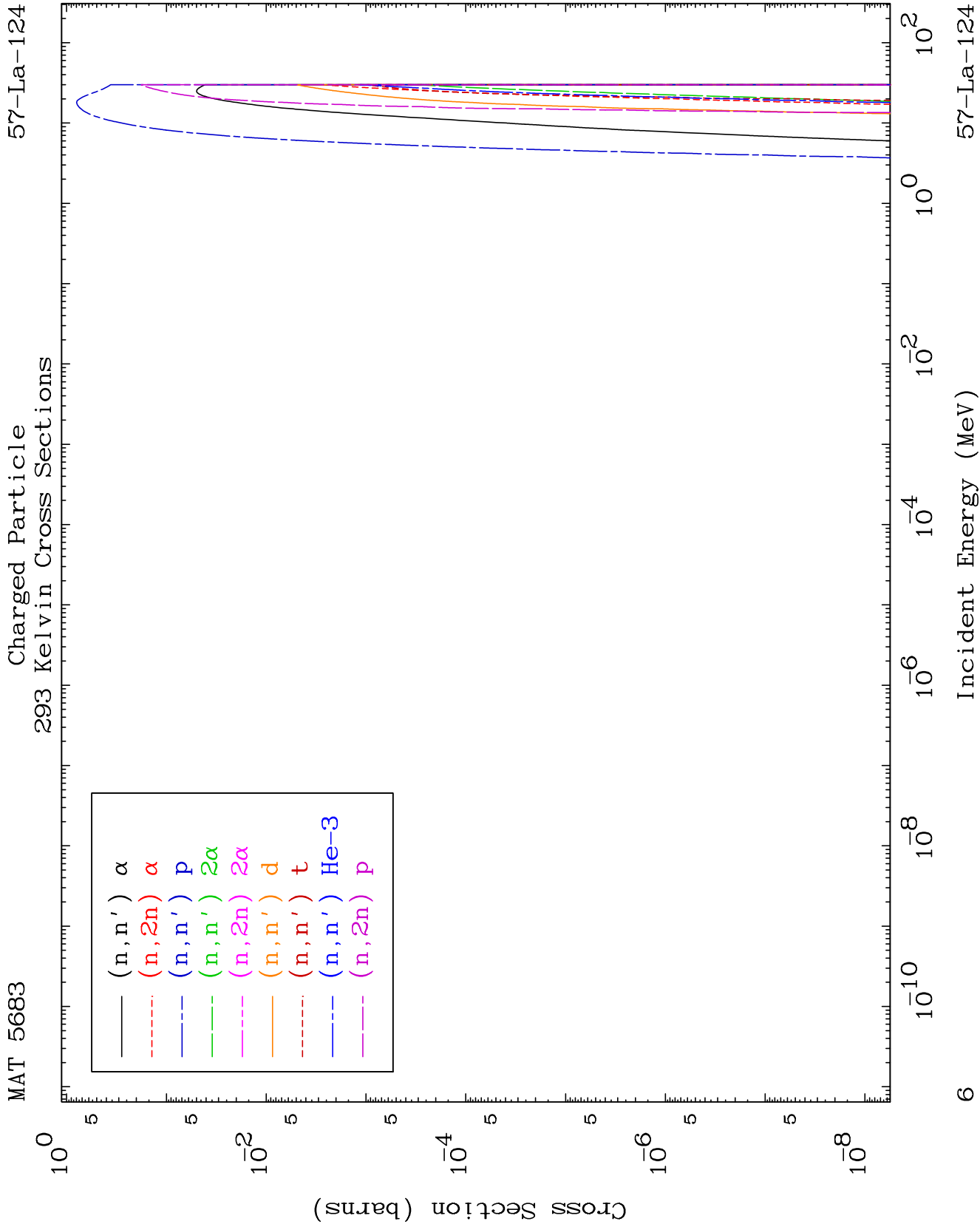


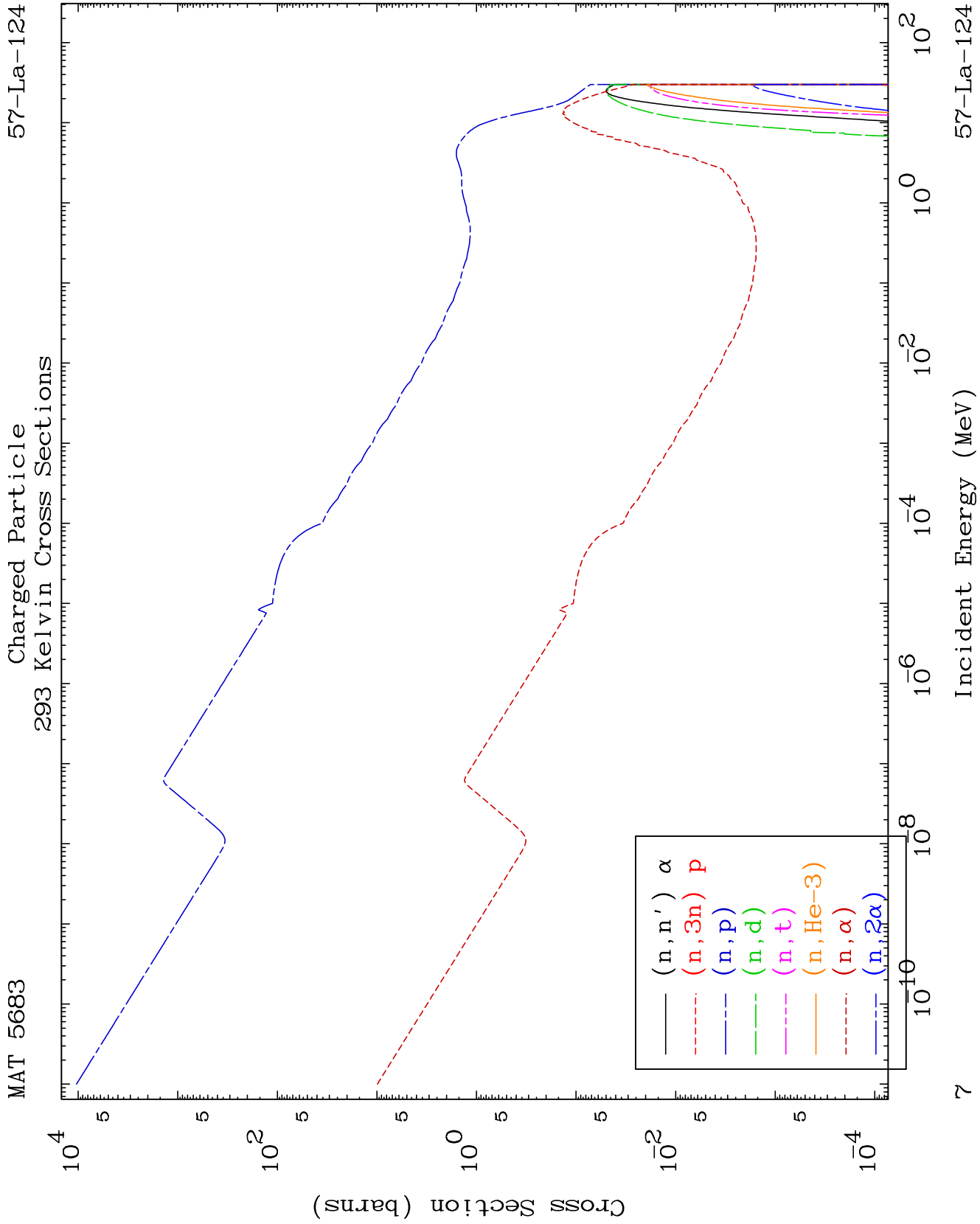








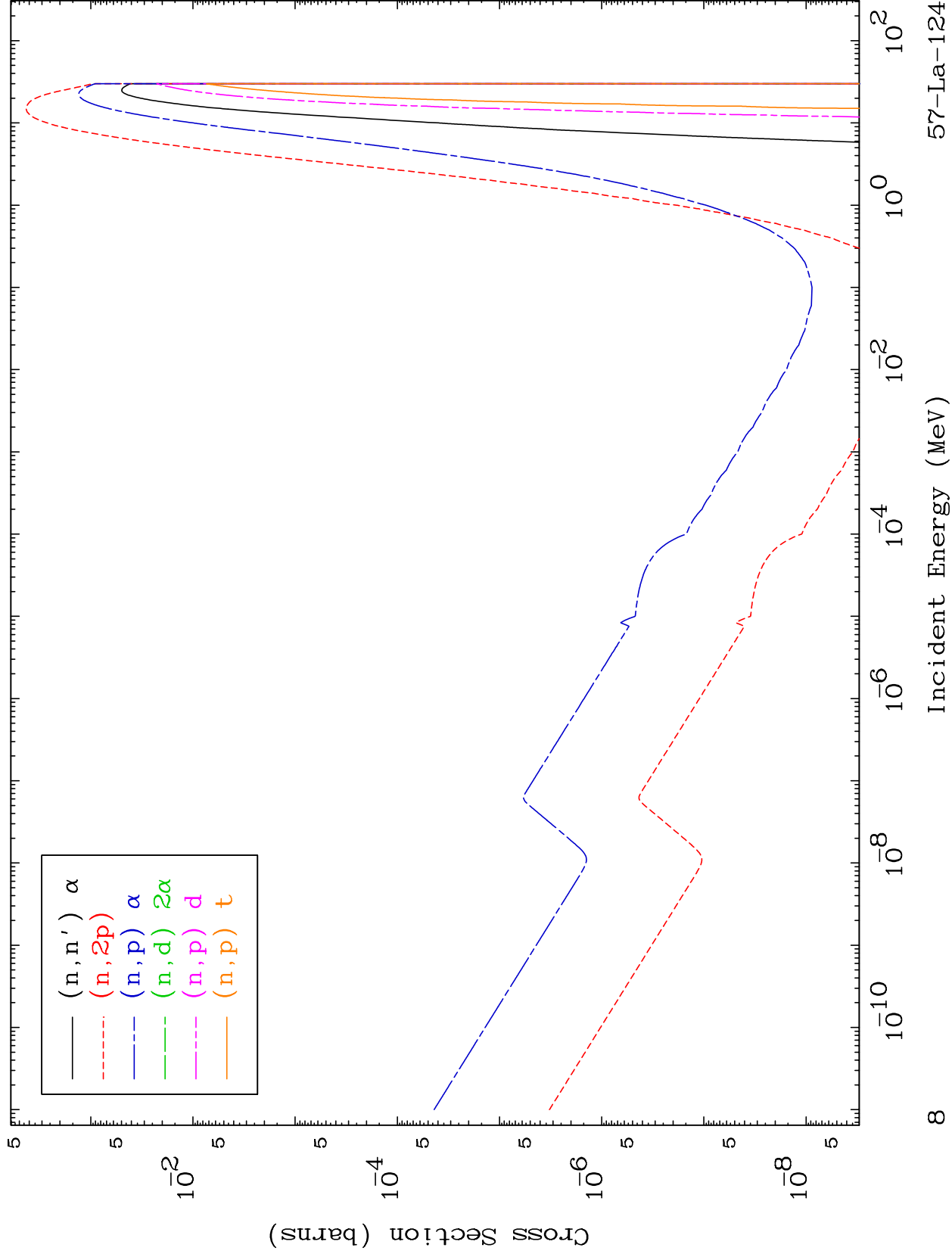


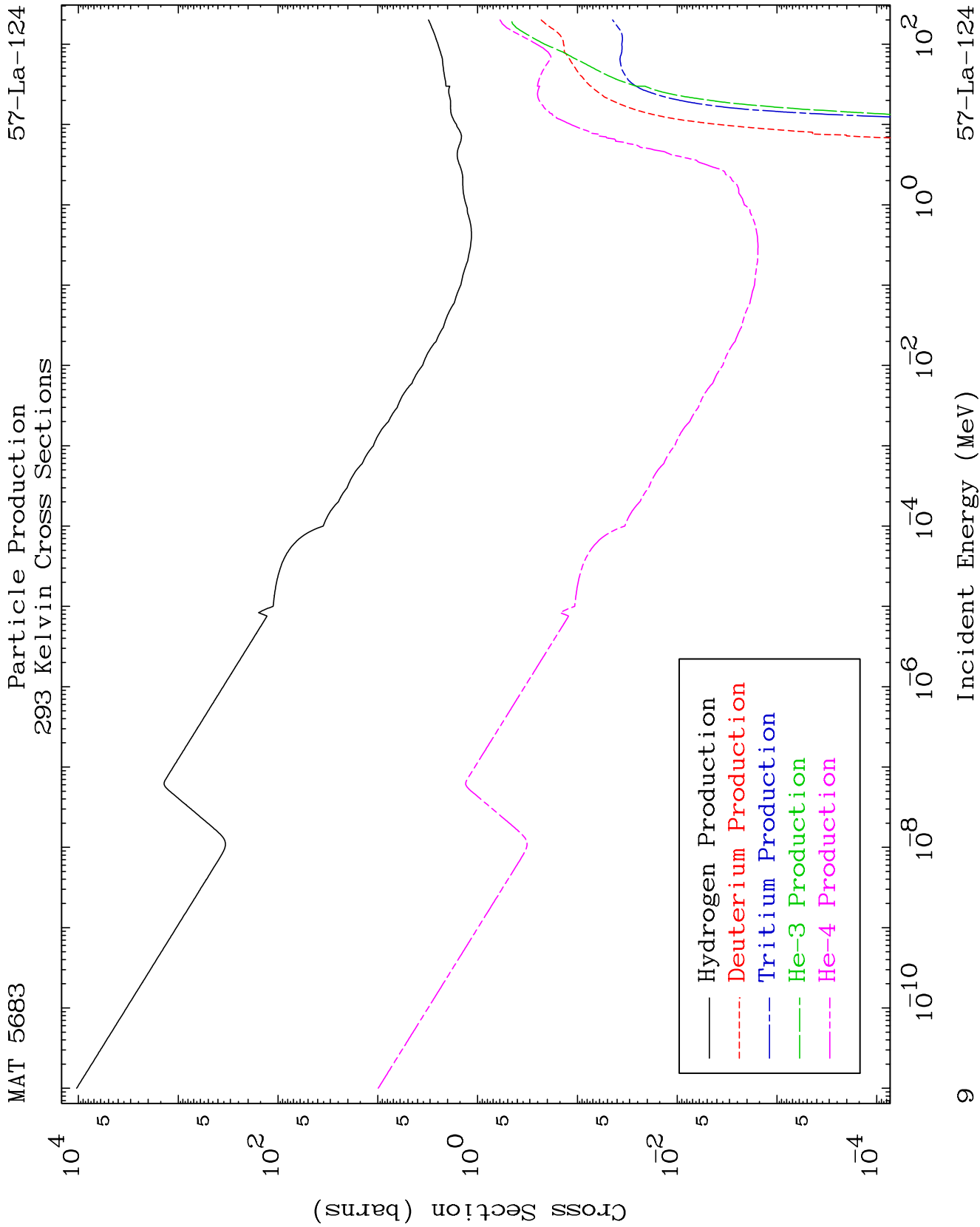


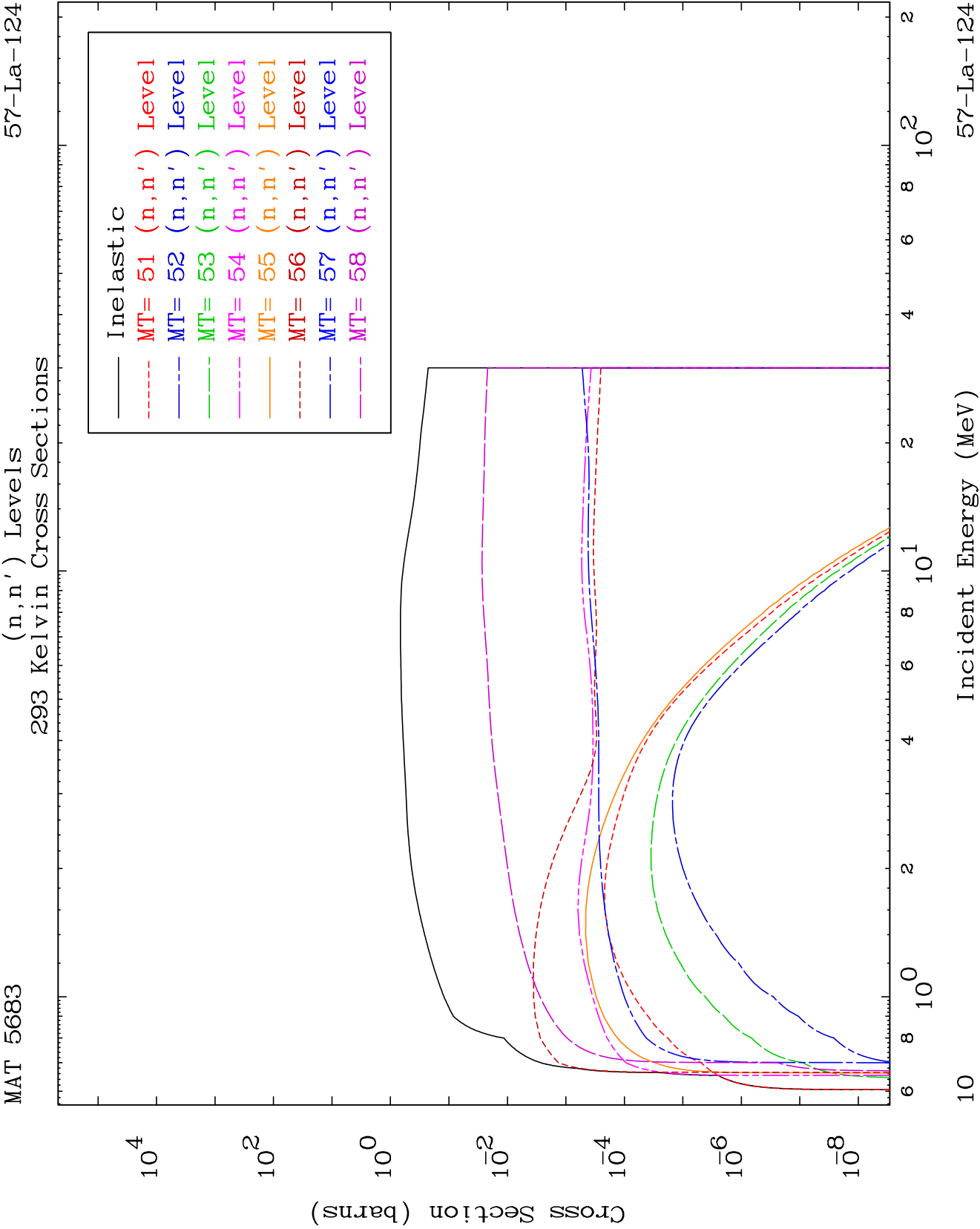
MAT 5683

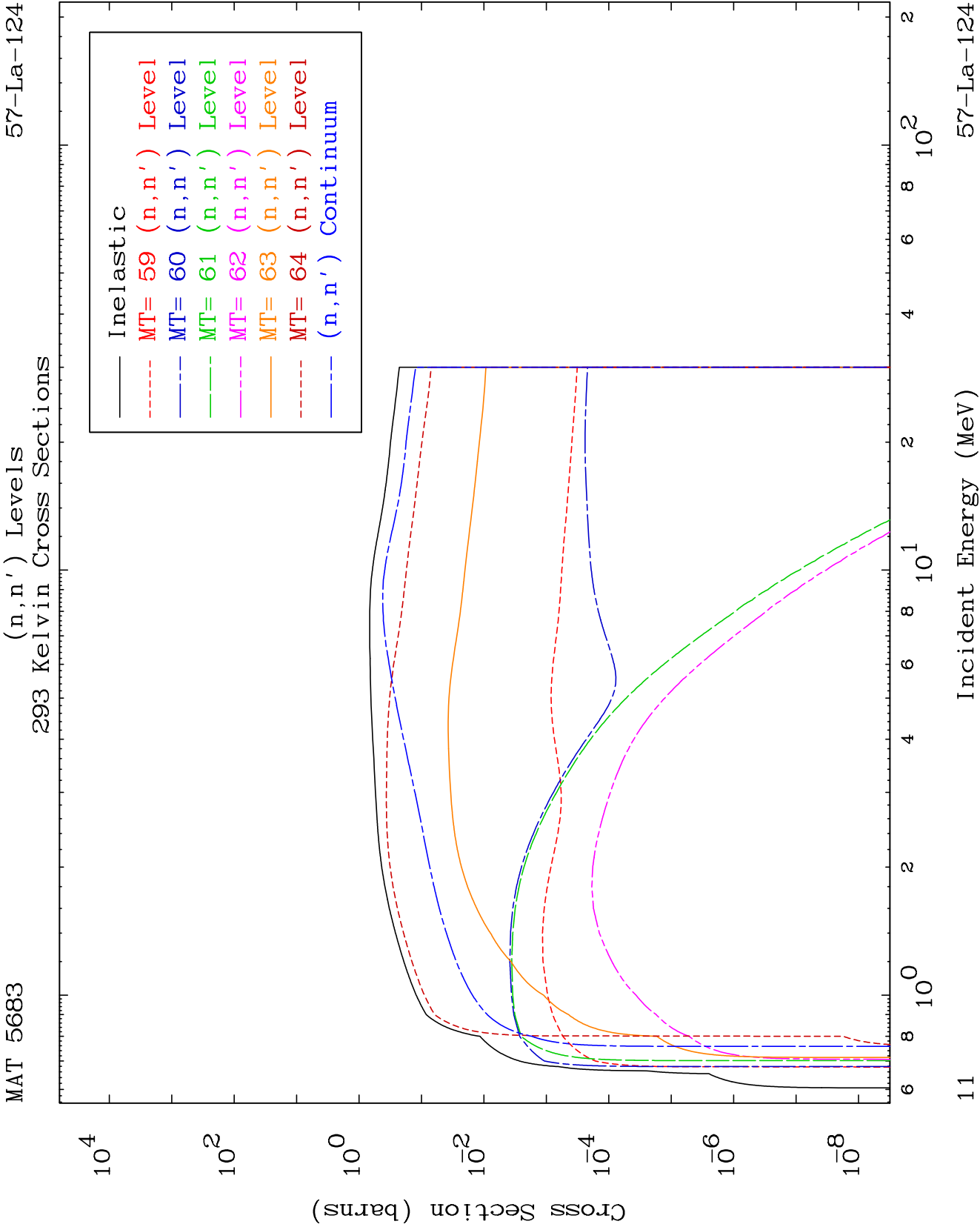
Charged Particle
293 Kelvin Cross Sections

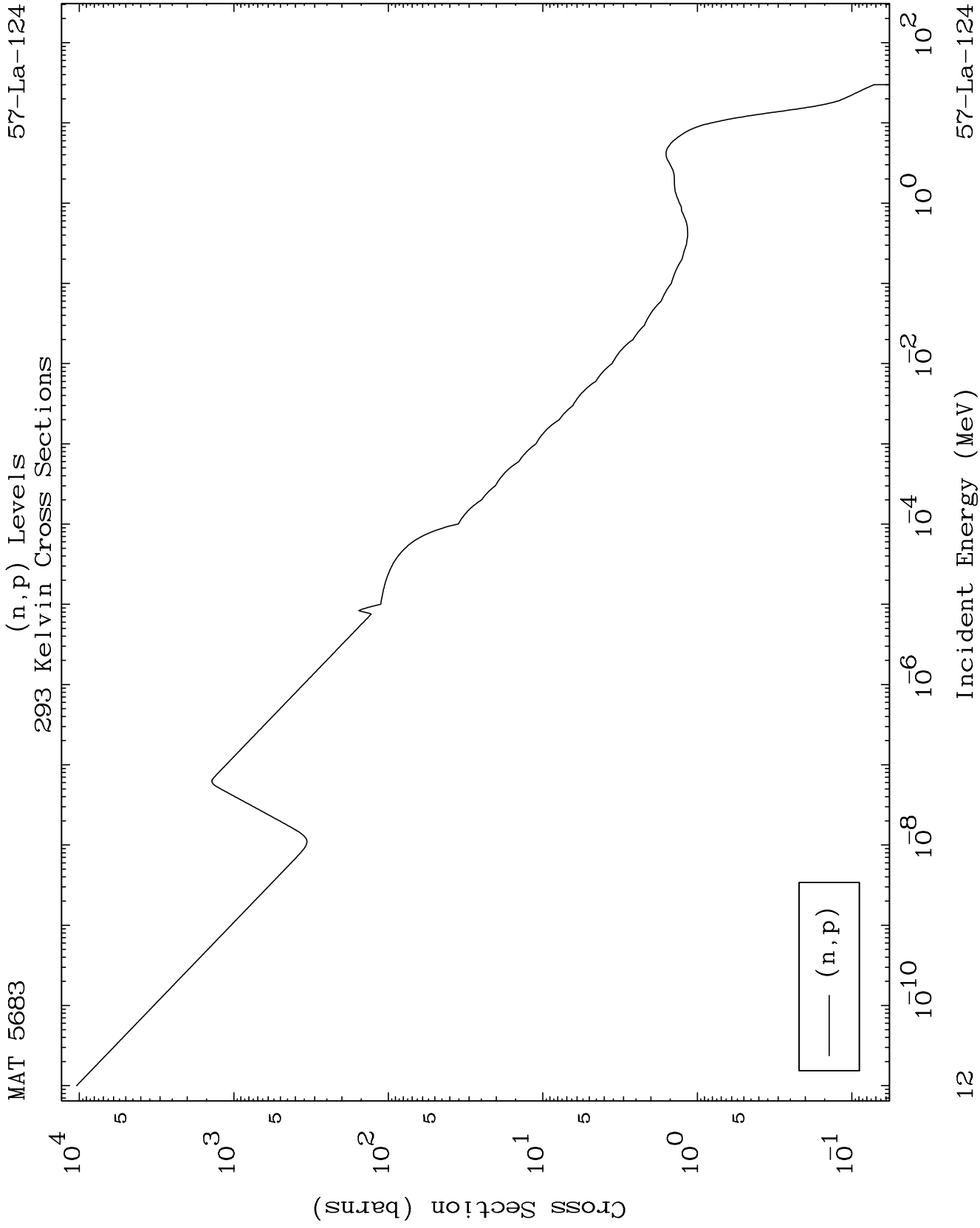
57-La-124







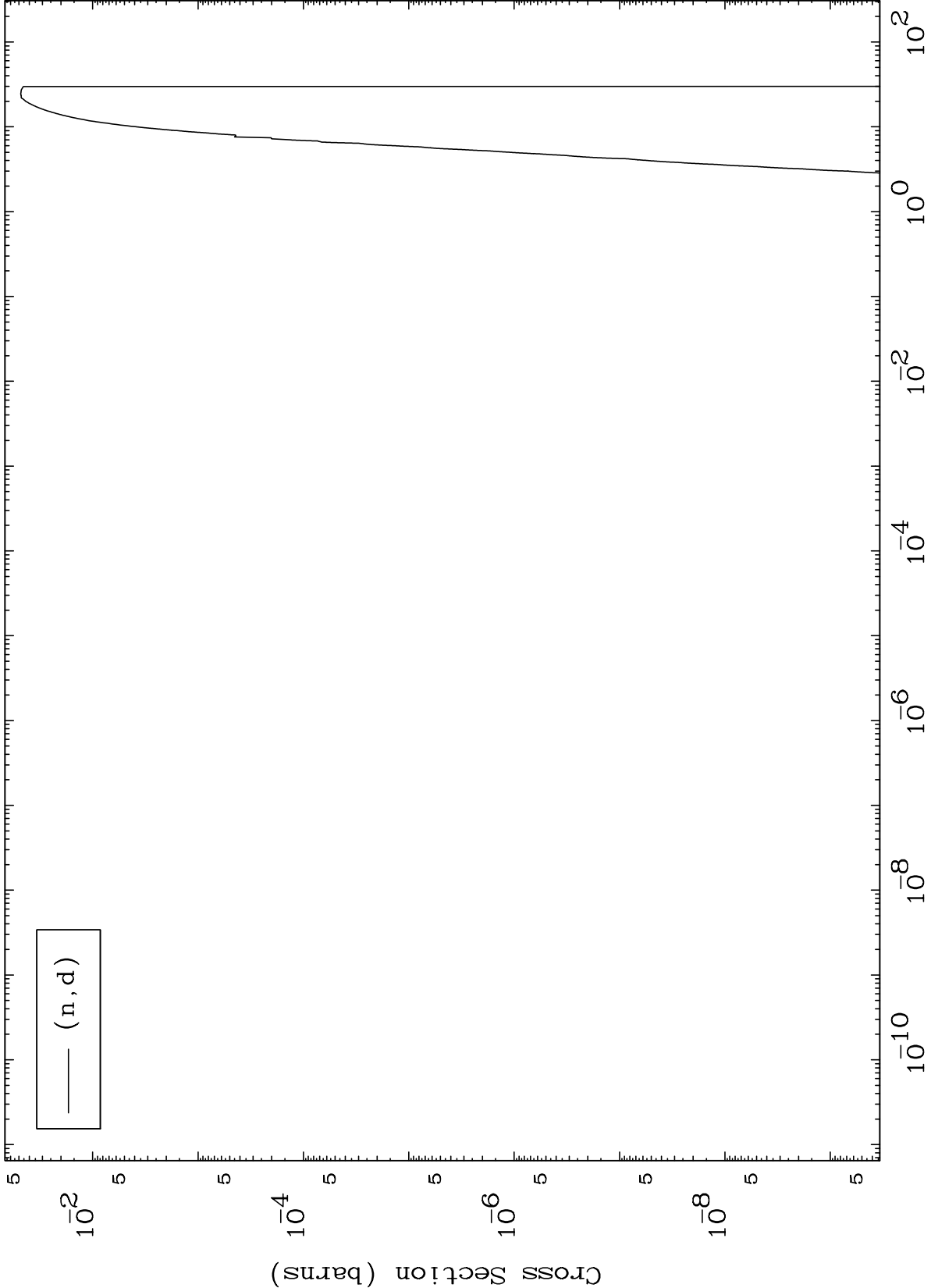




MAT 5683

(n,d) Levels
293 Kelvin Cross Sections

57-La-124



13

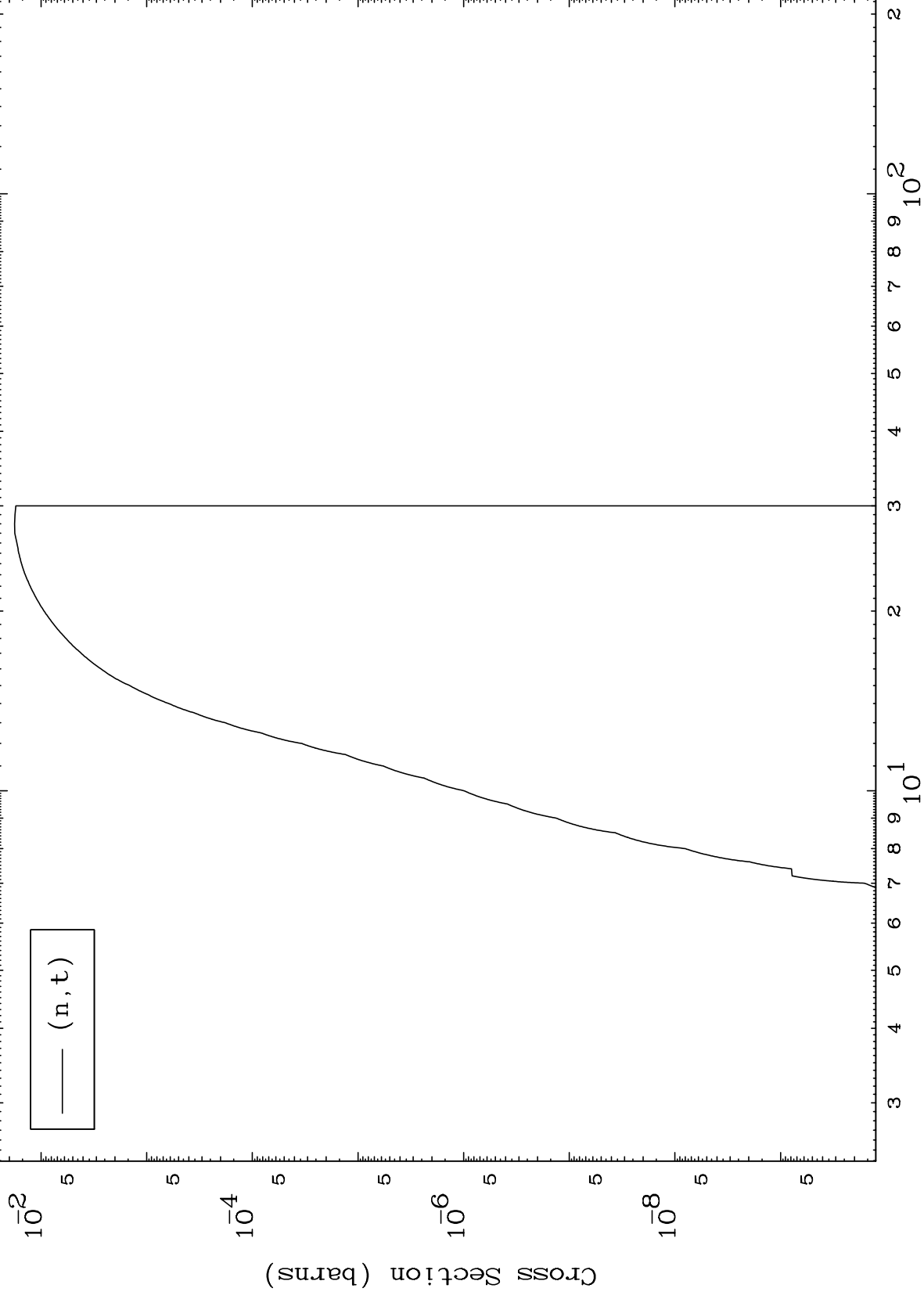
Incident Energy (MeV)

57-La-124

MAT 5683

(n,t) Levels
293 Kelvin Cross Sections

57-La-124



14

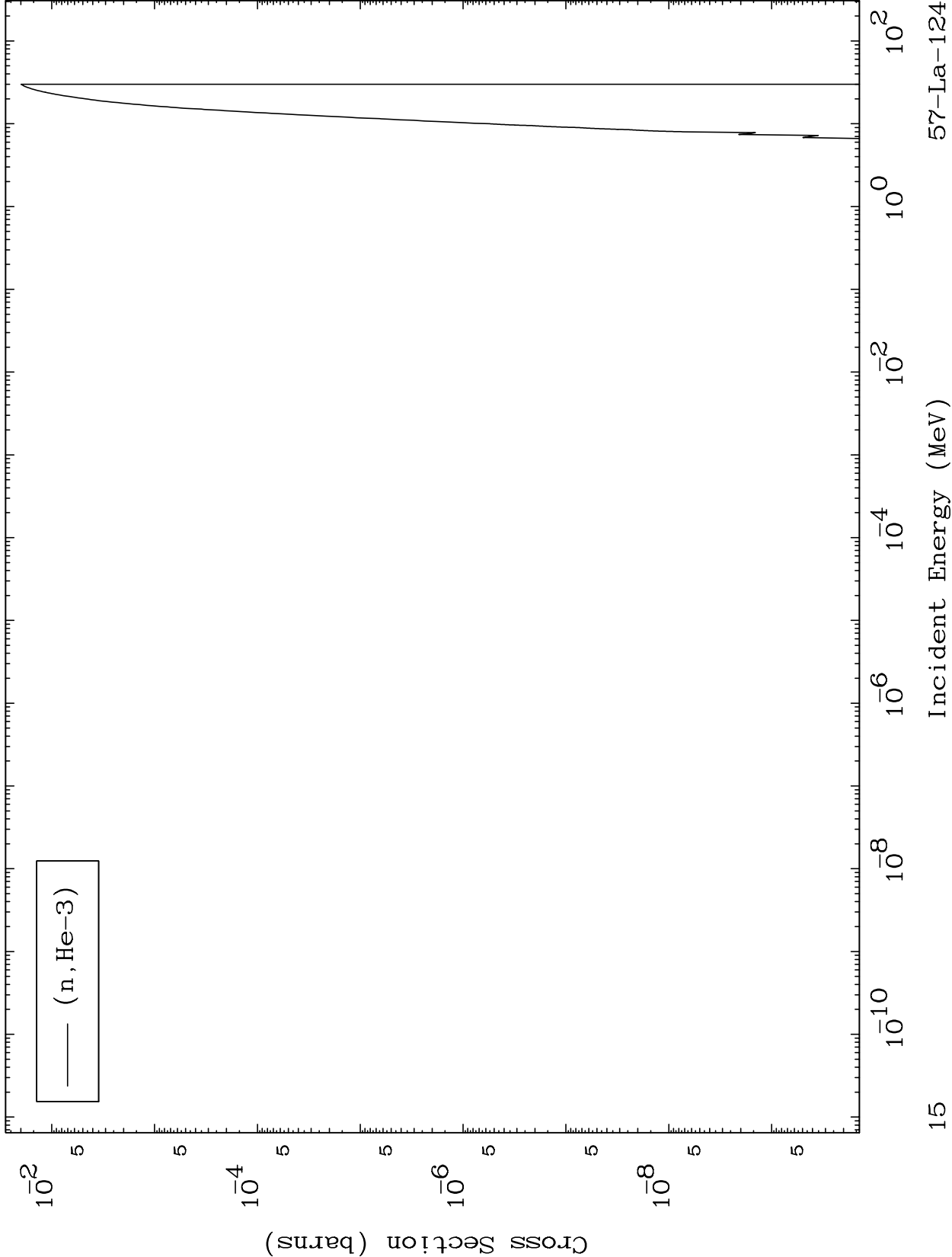
Incident Energy (MeV)

57-La-124

MAT 5683

(n,He3) Levels
293 Kelvin Cross Sections

57-La-124



15

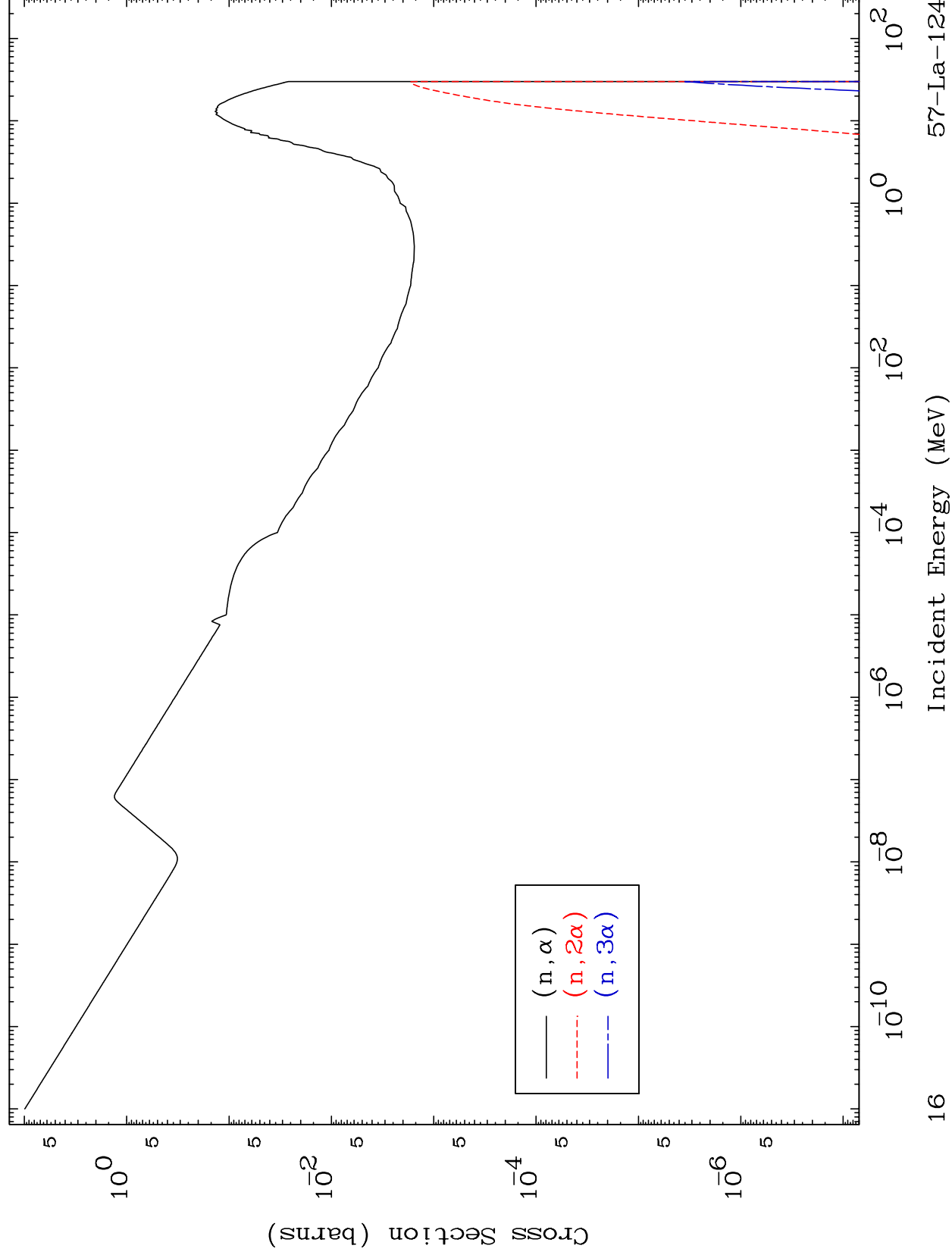
Incident Energy (MeV)

57-La-124

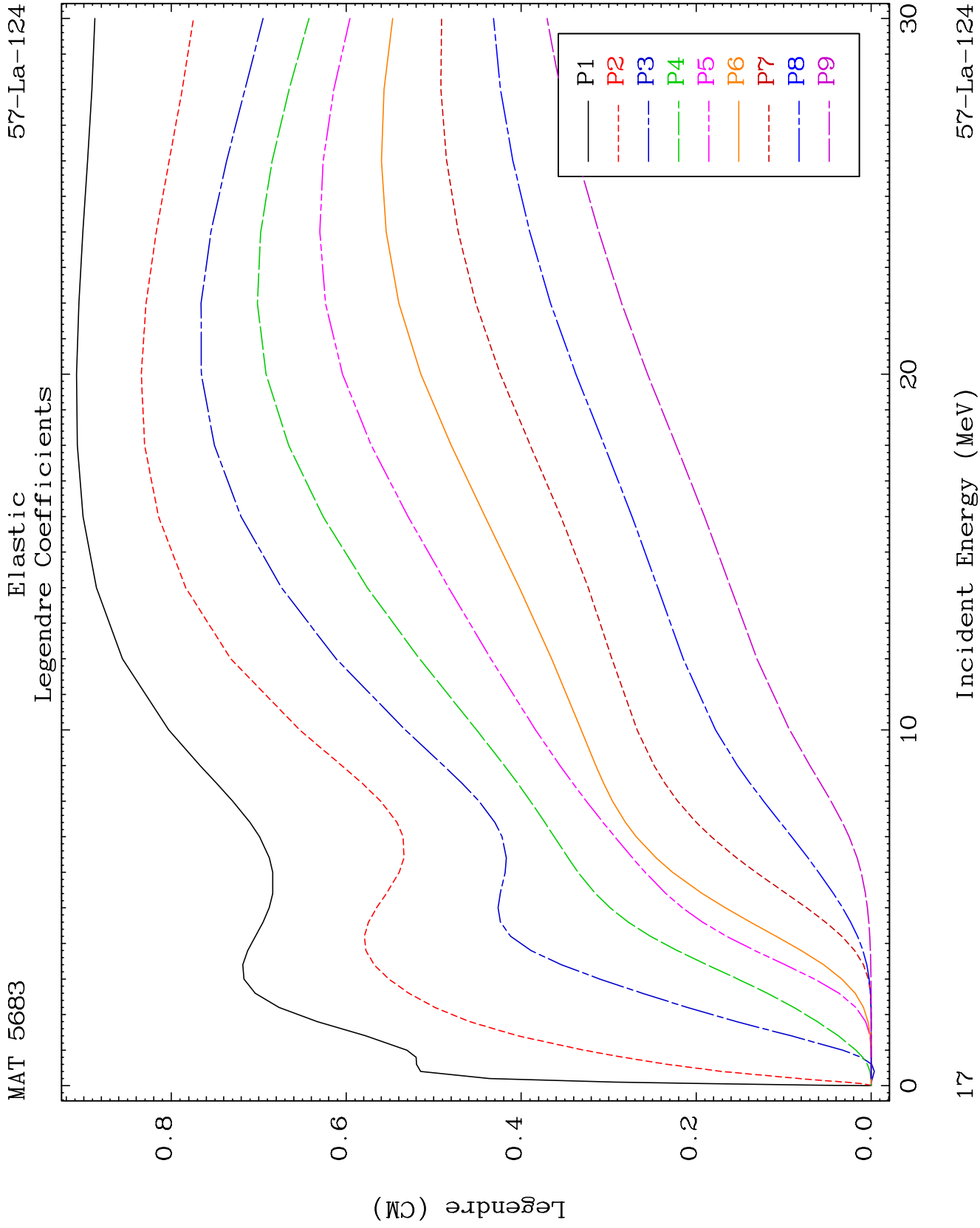
MAT 5683

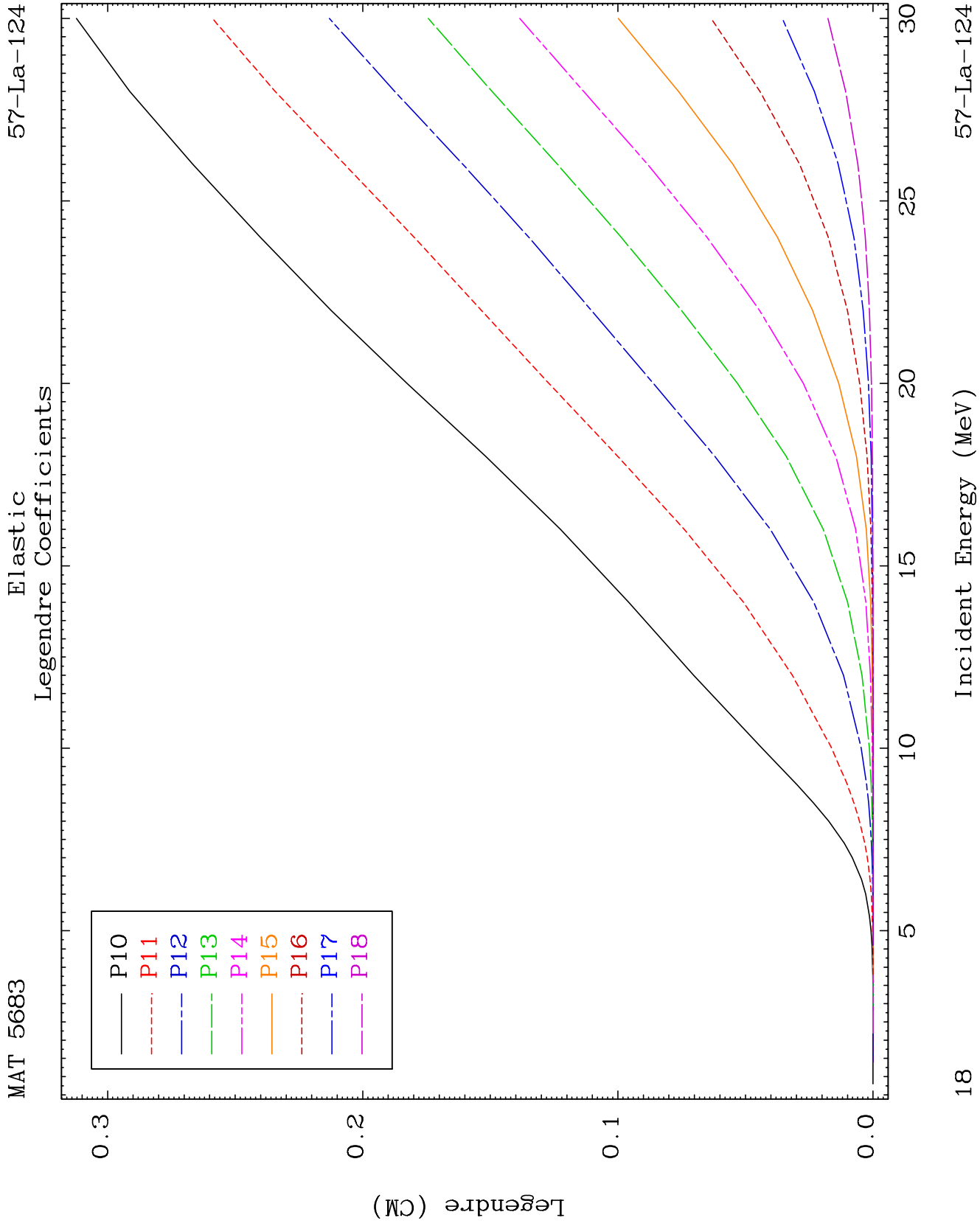
(n, α) Levels
293 Kelvin Cross Sections

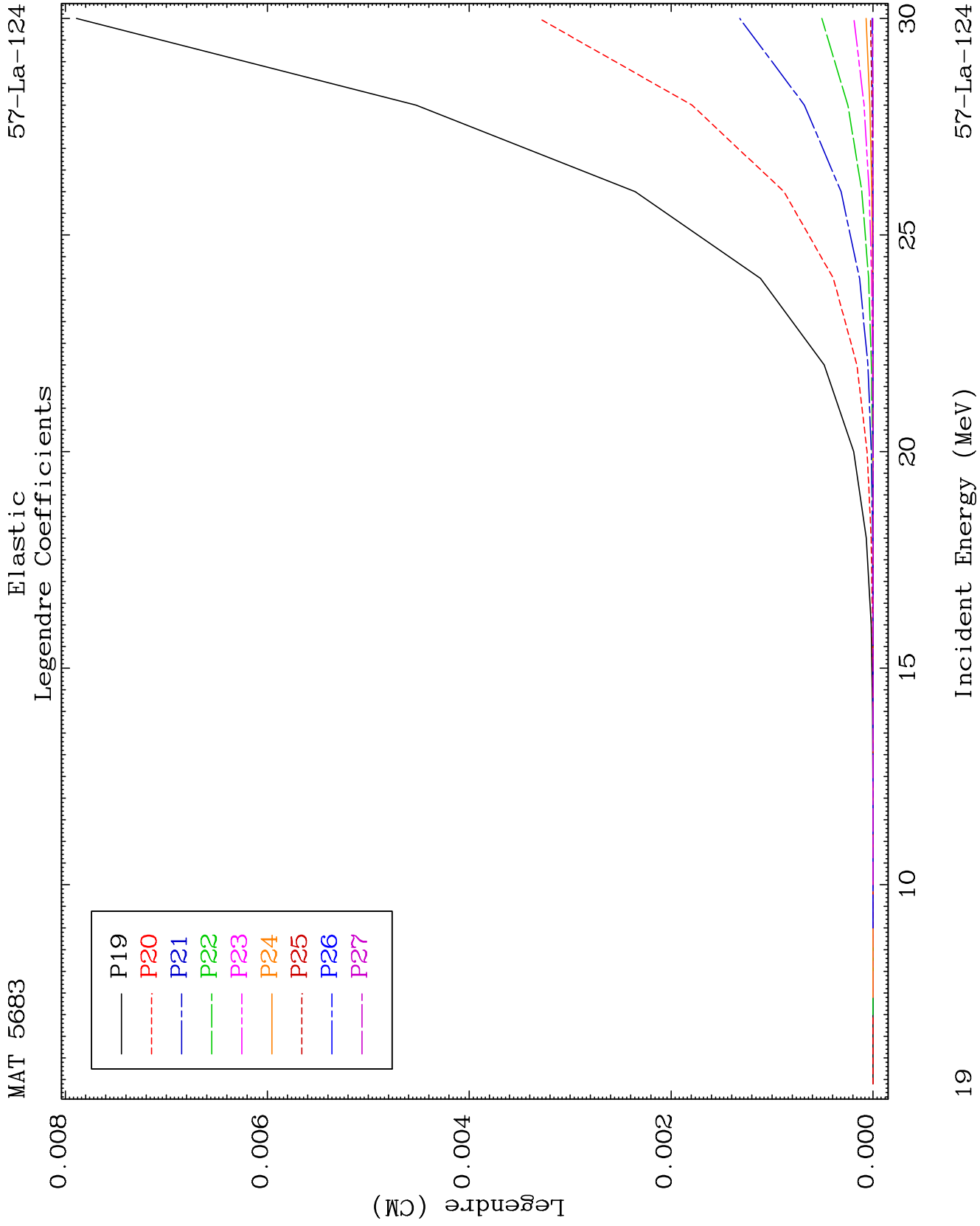
57-La-124

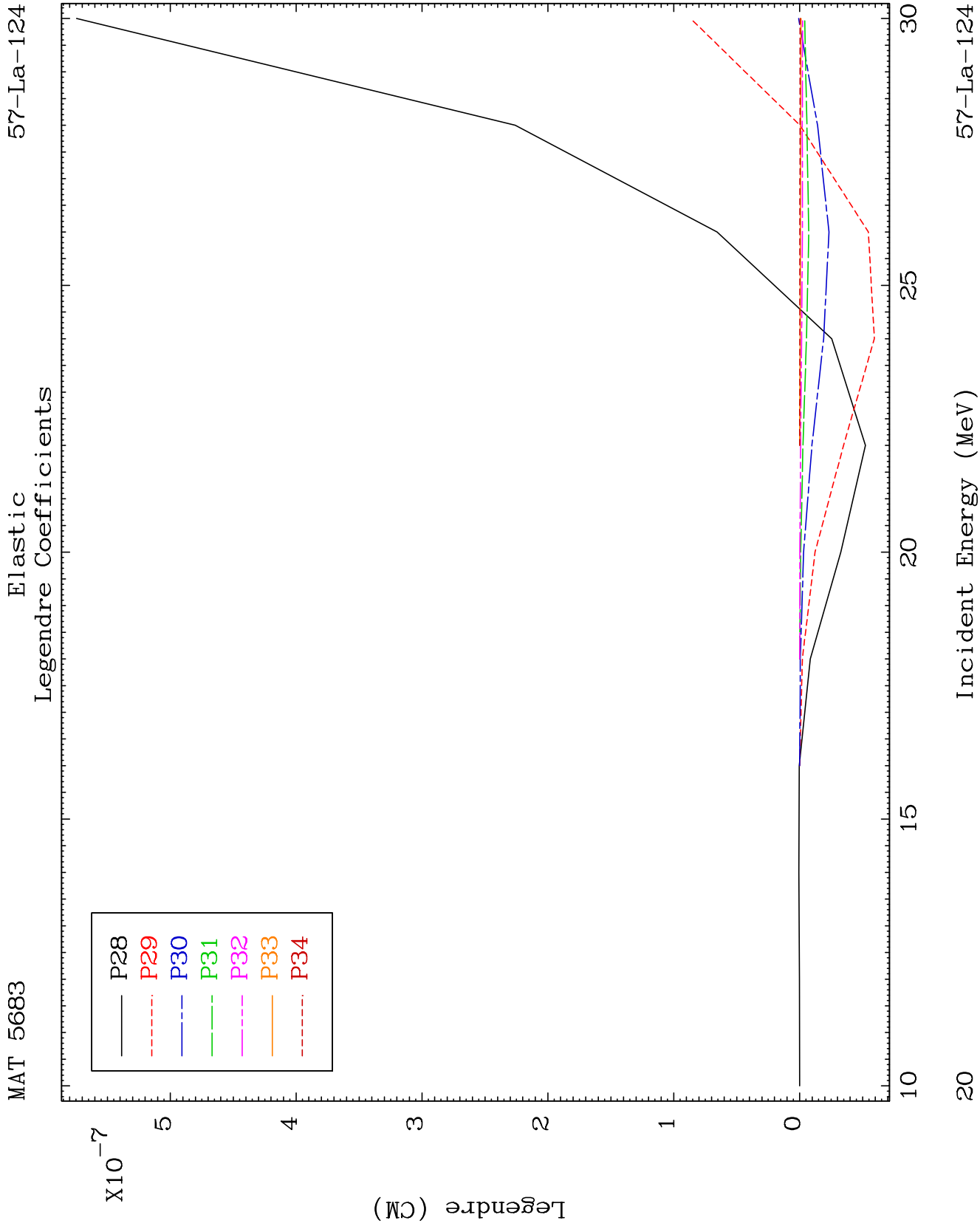


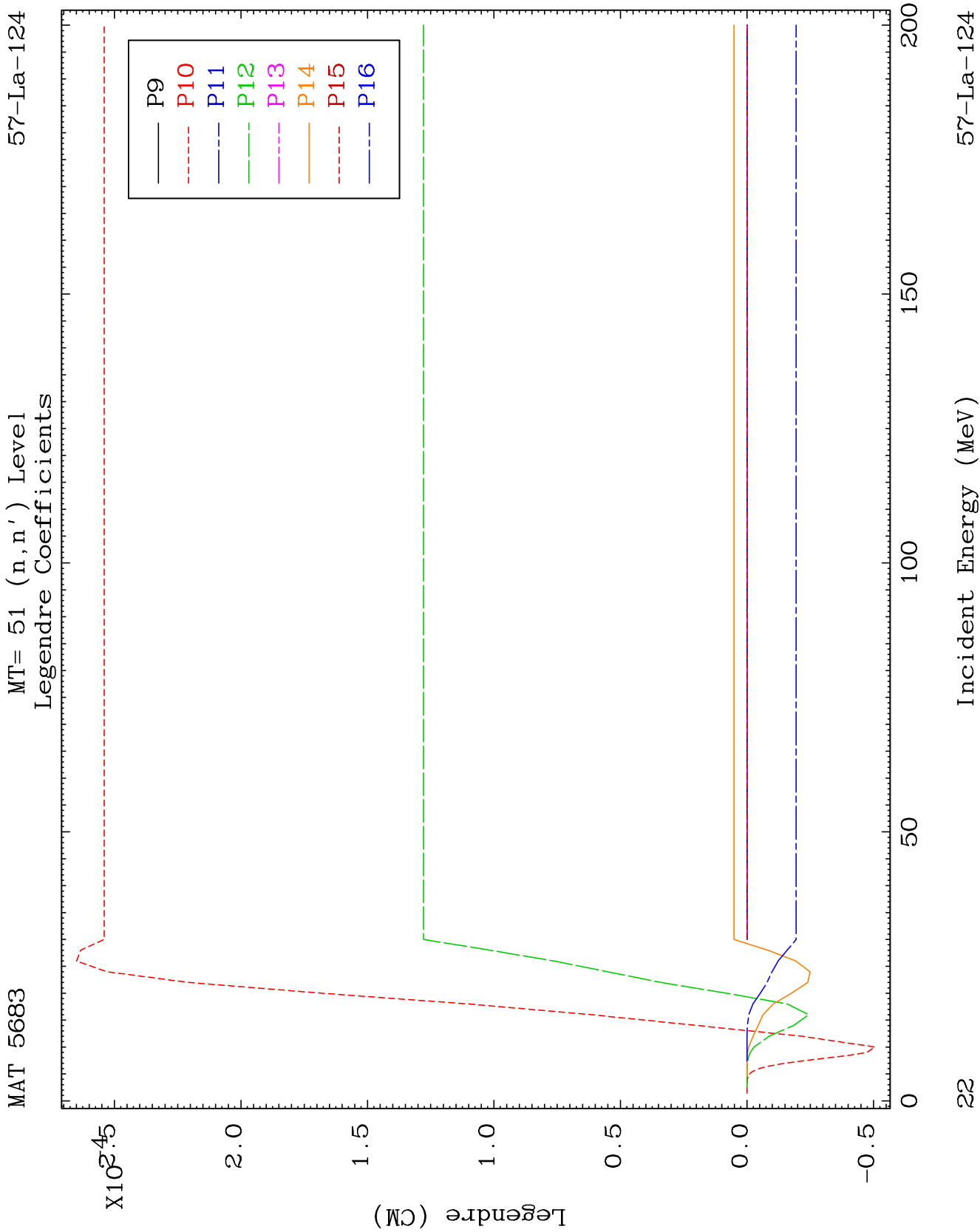
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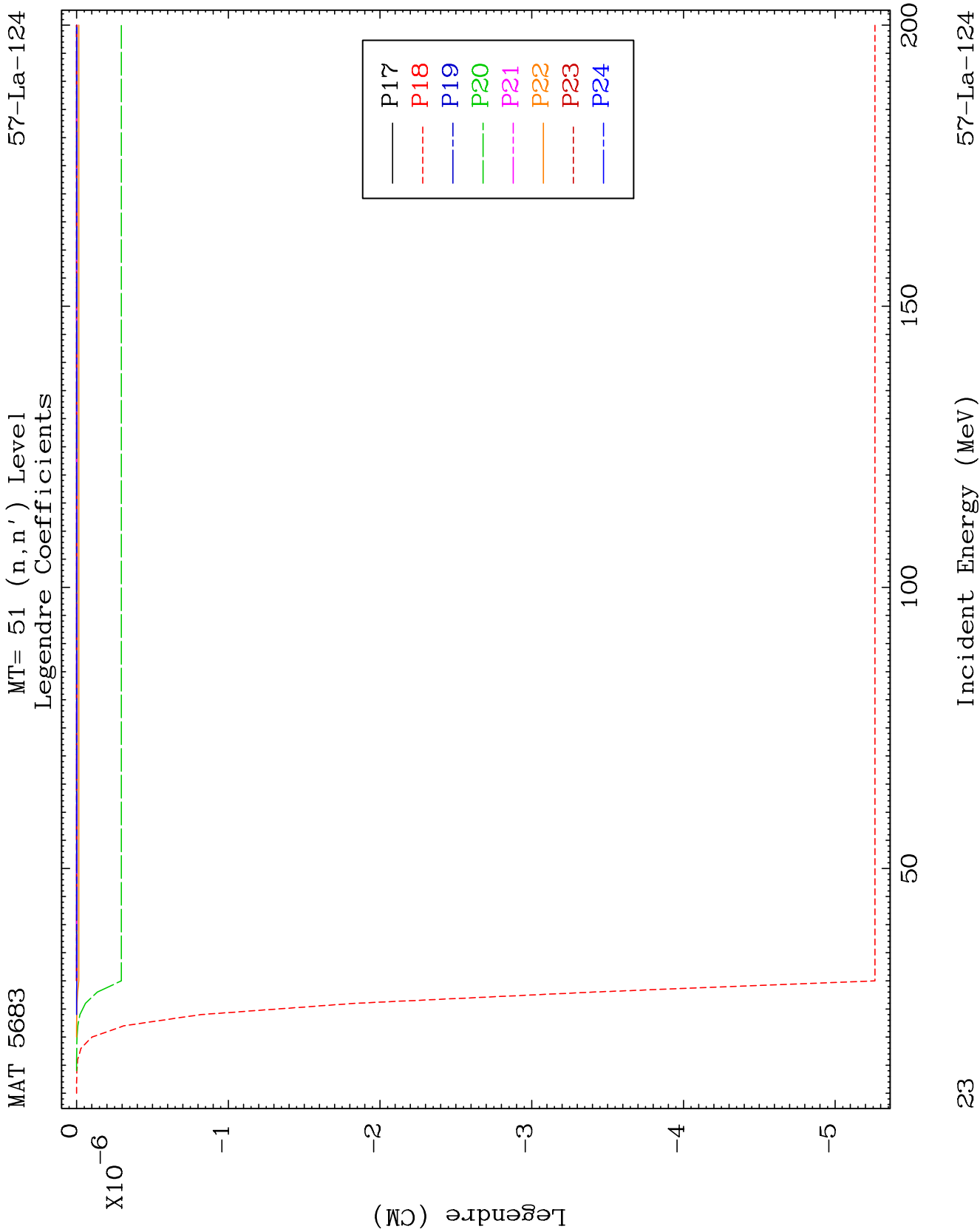








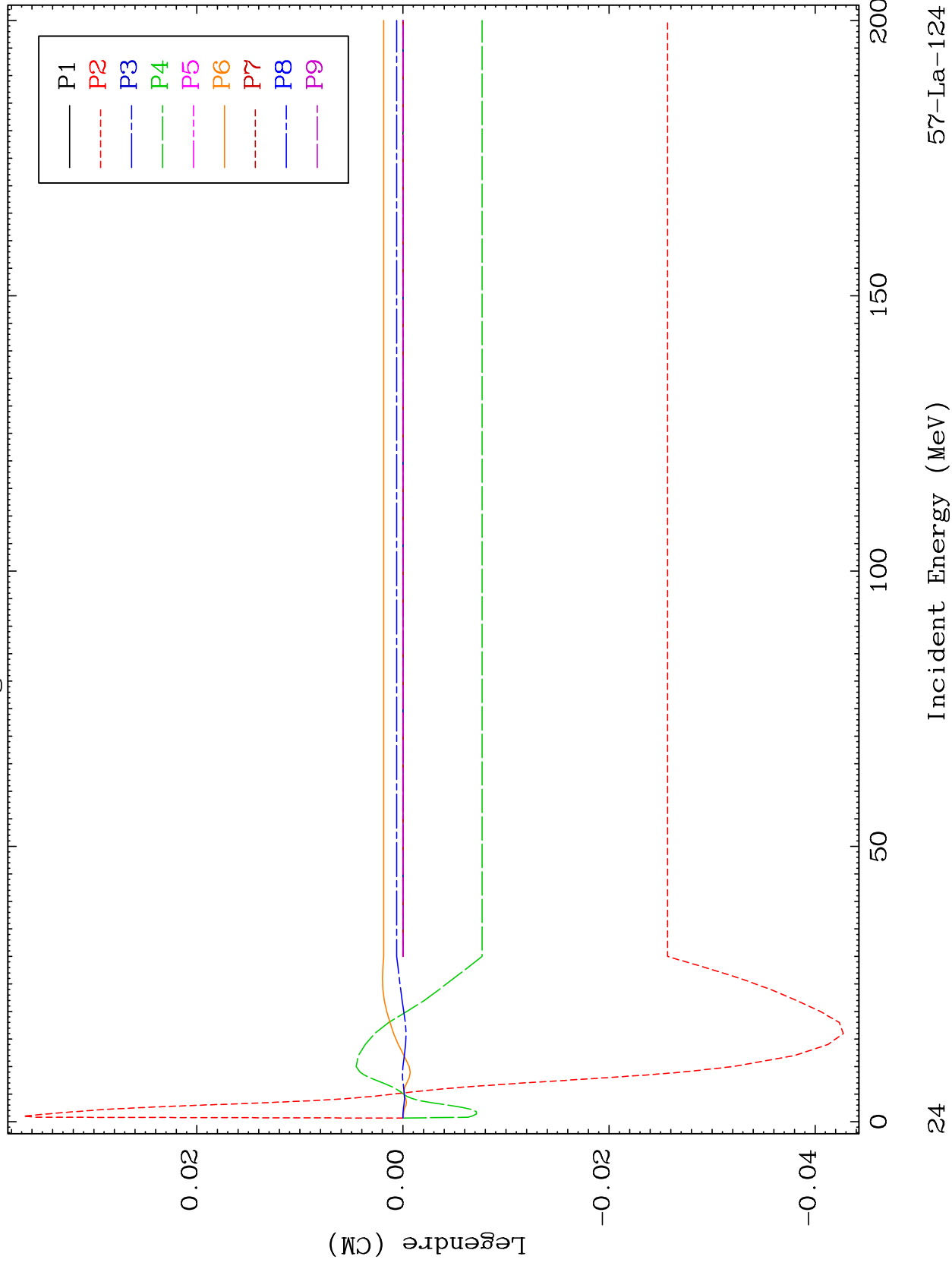


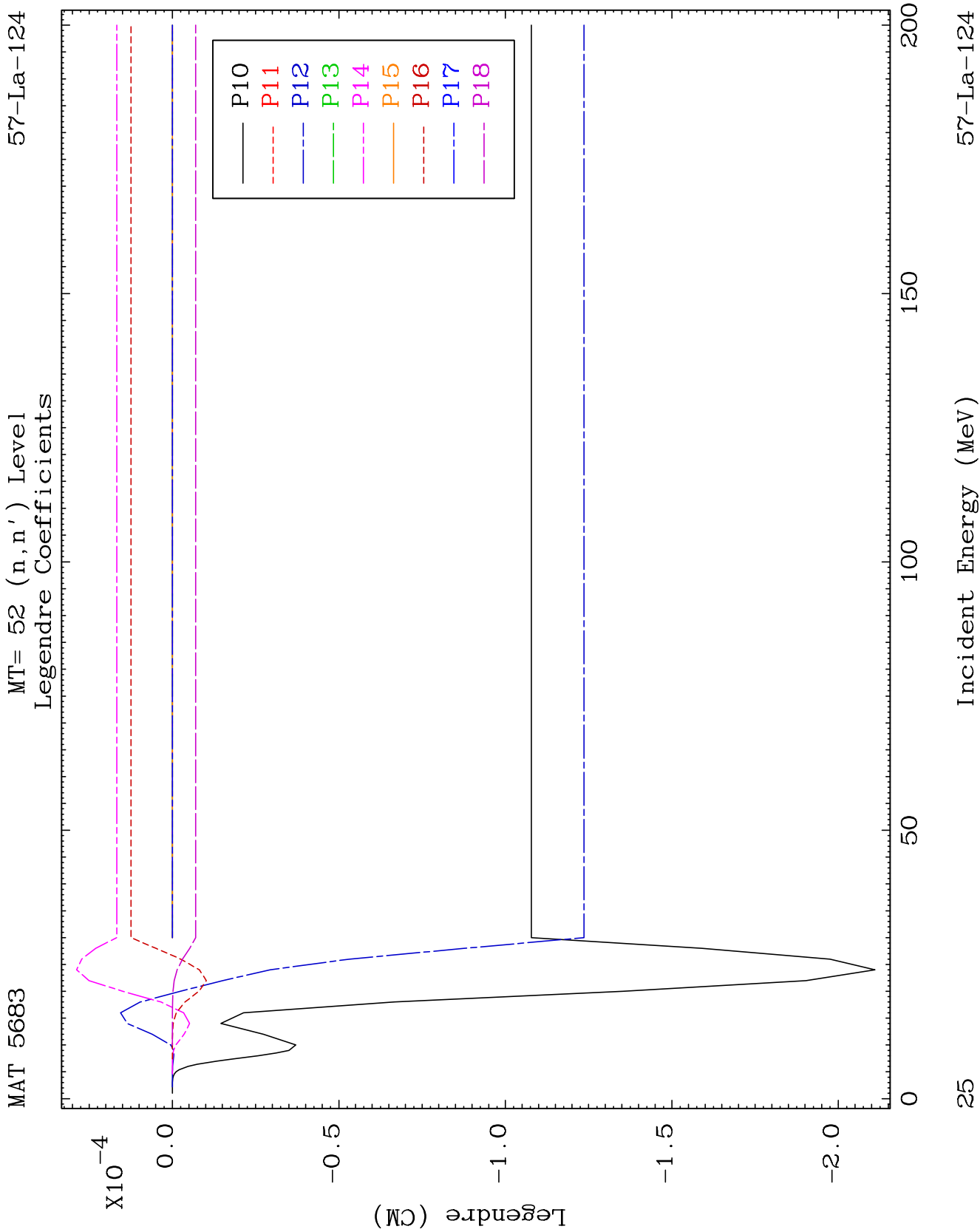


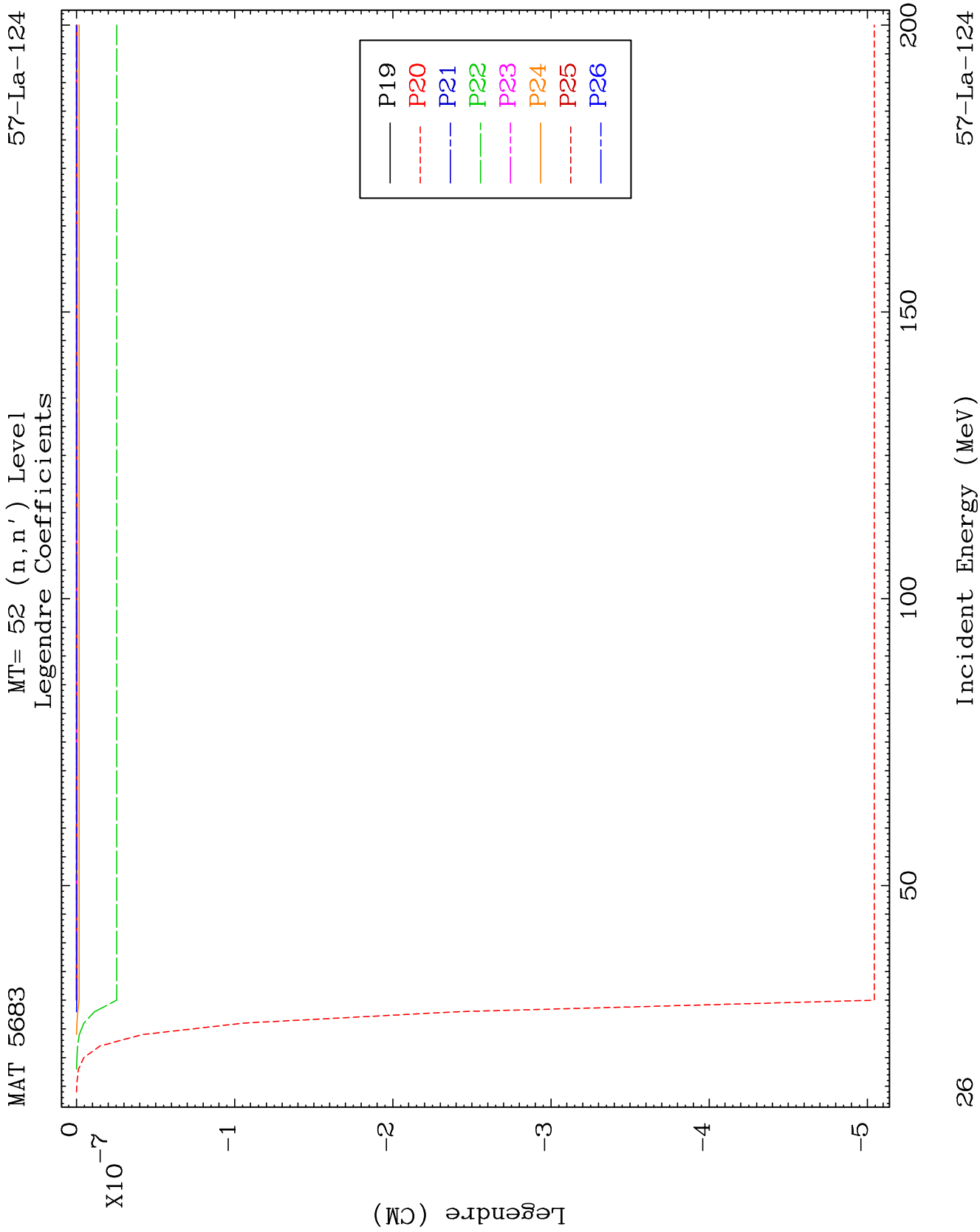
MAT 5683

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

57-La-124



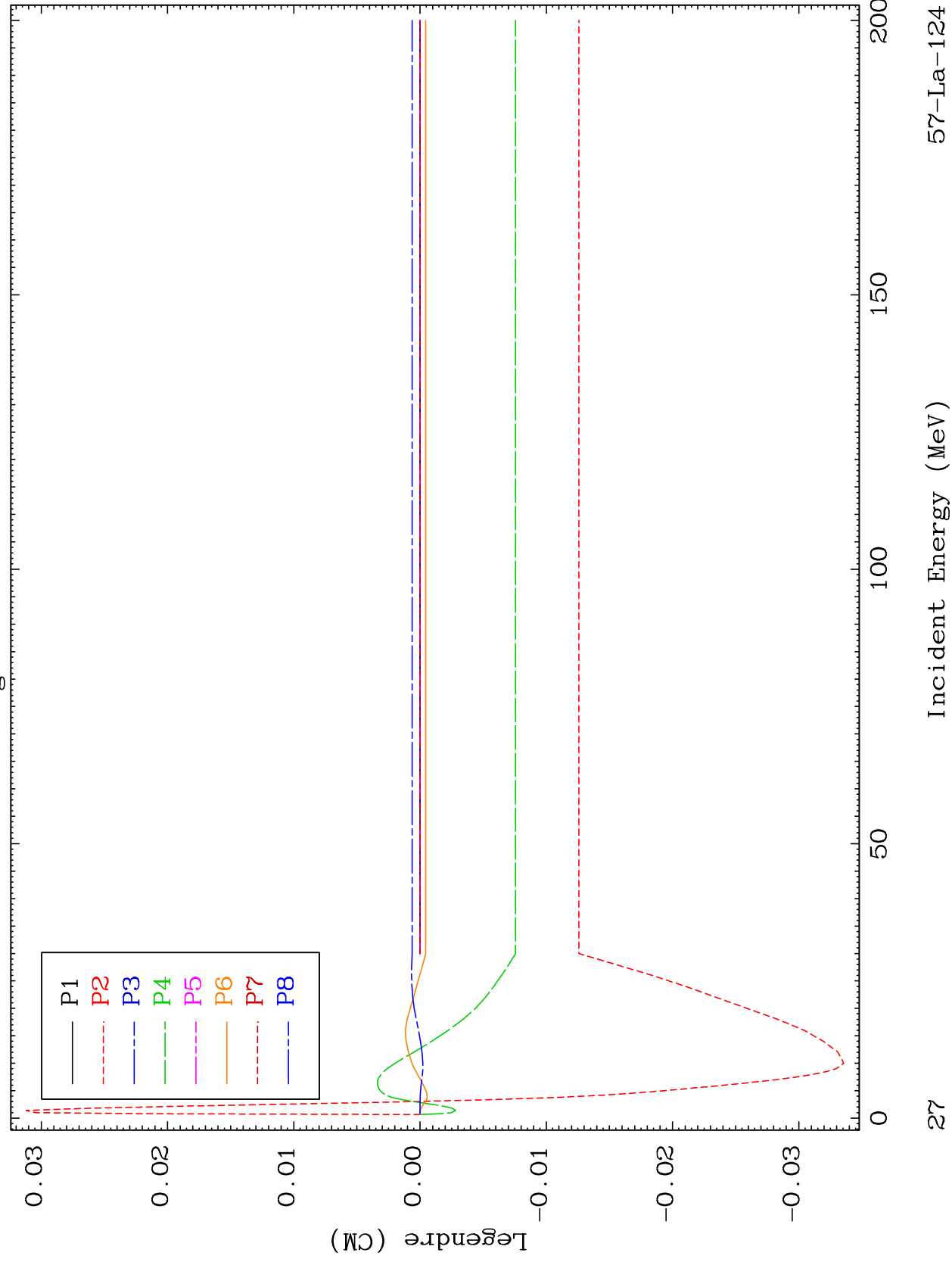


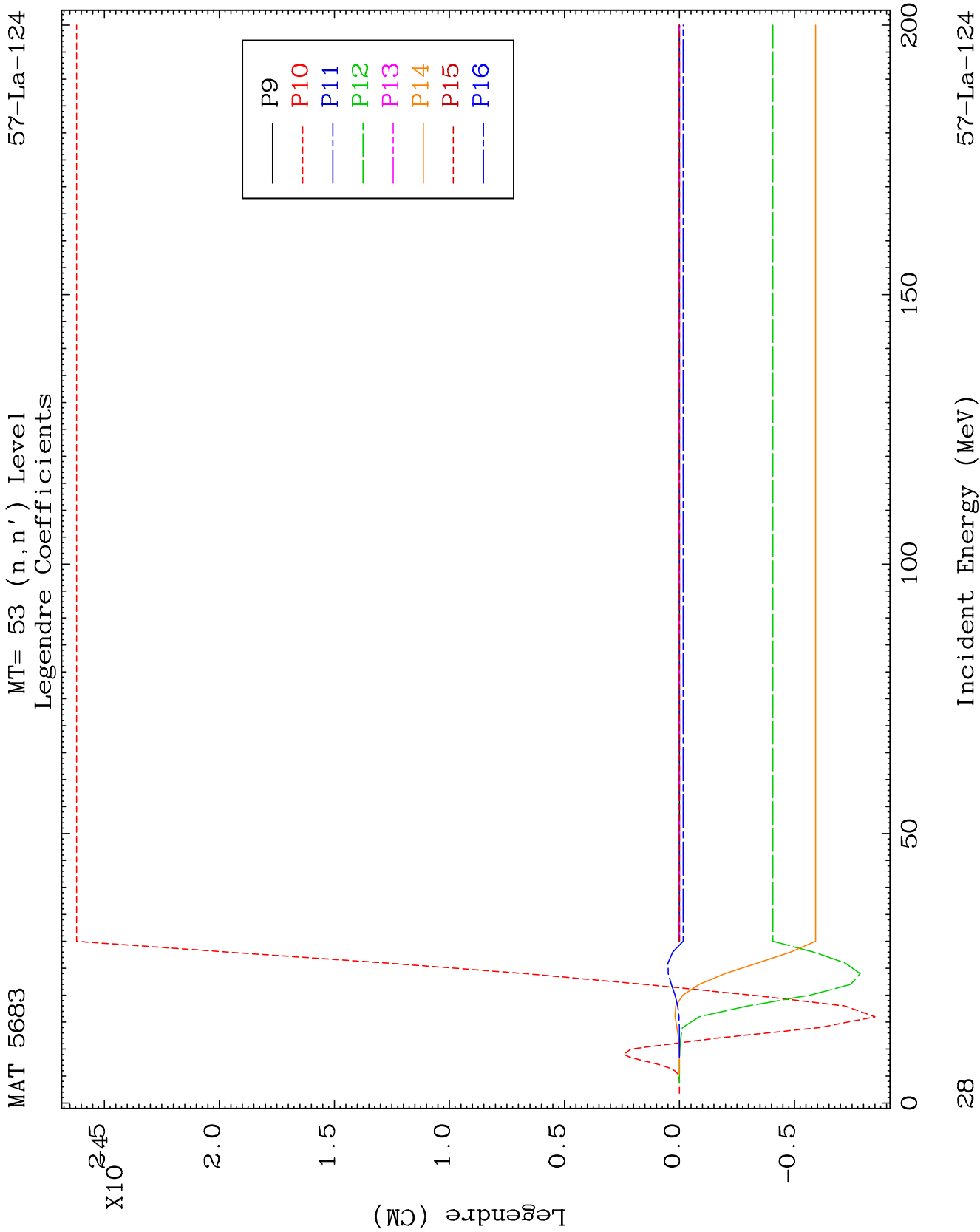


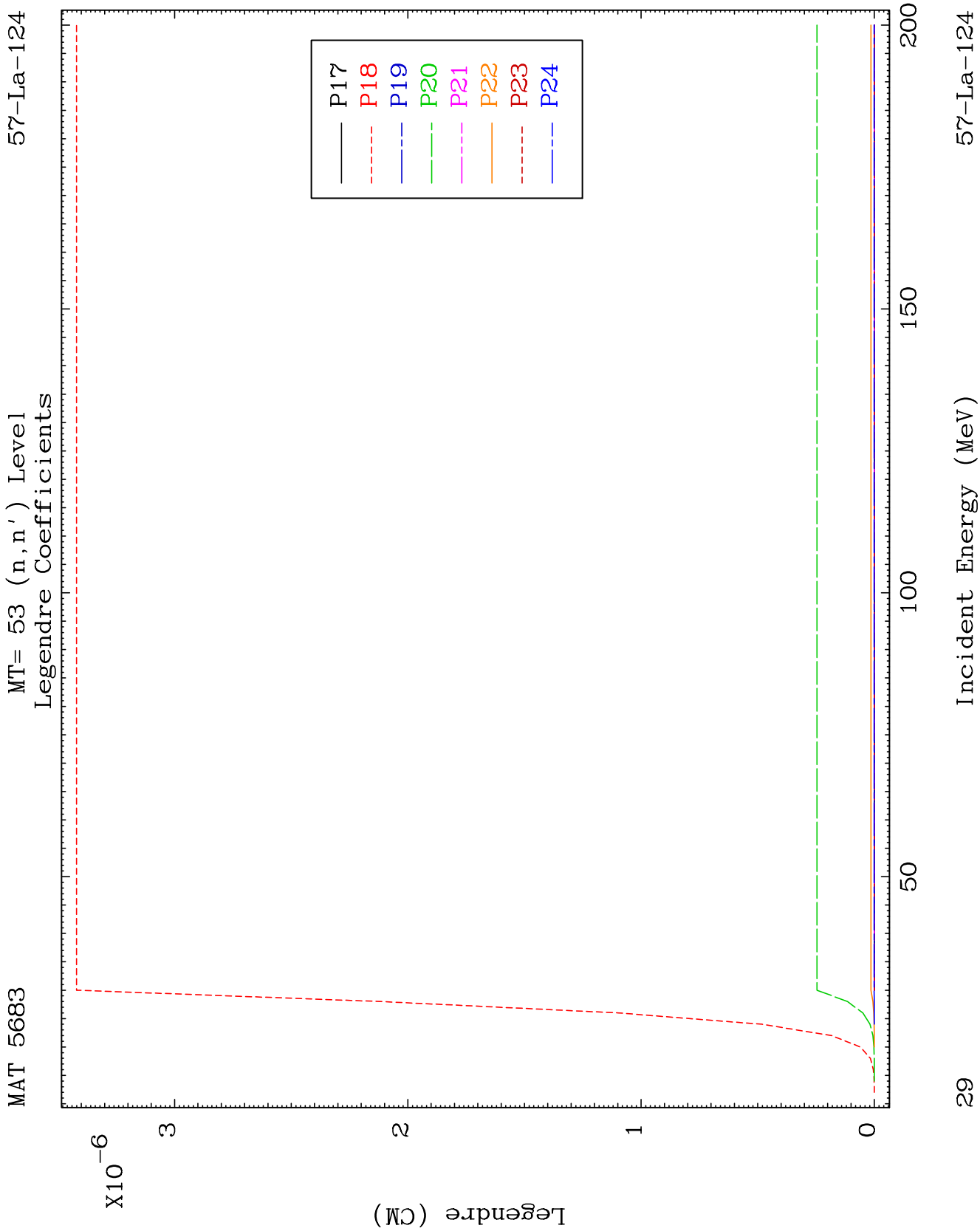
MAT 5683

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

57-La-124



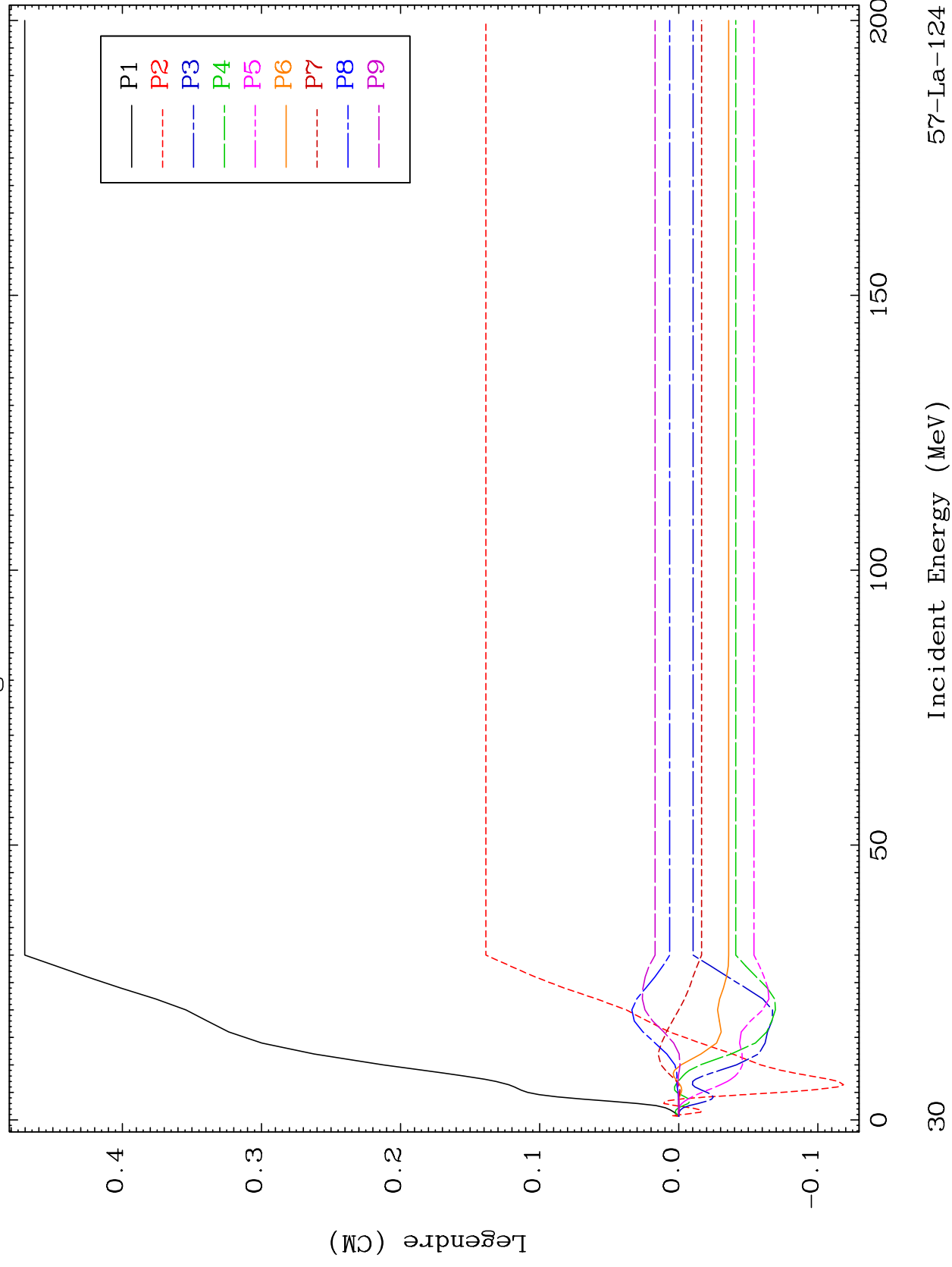




MAT 5683

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

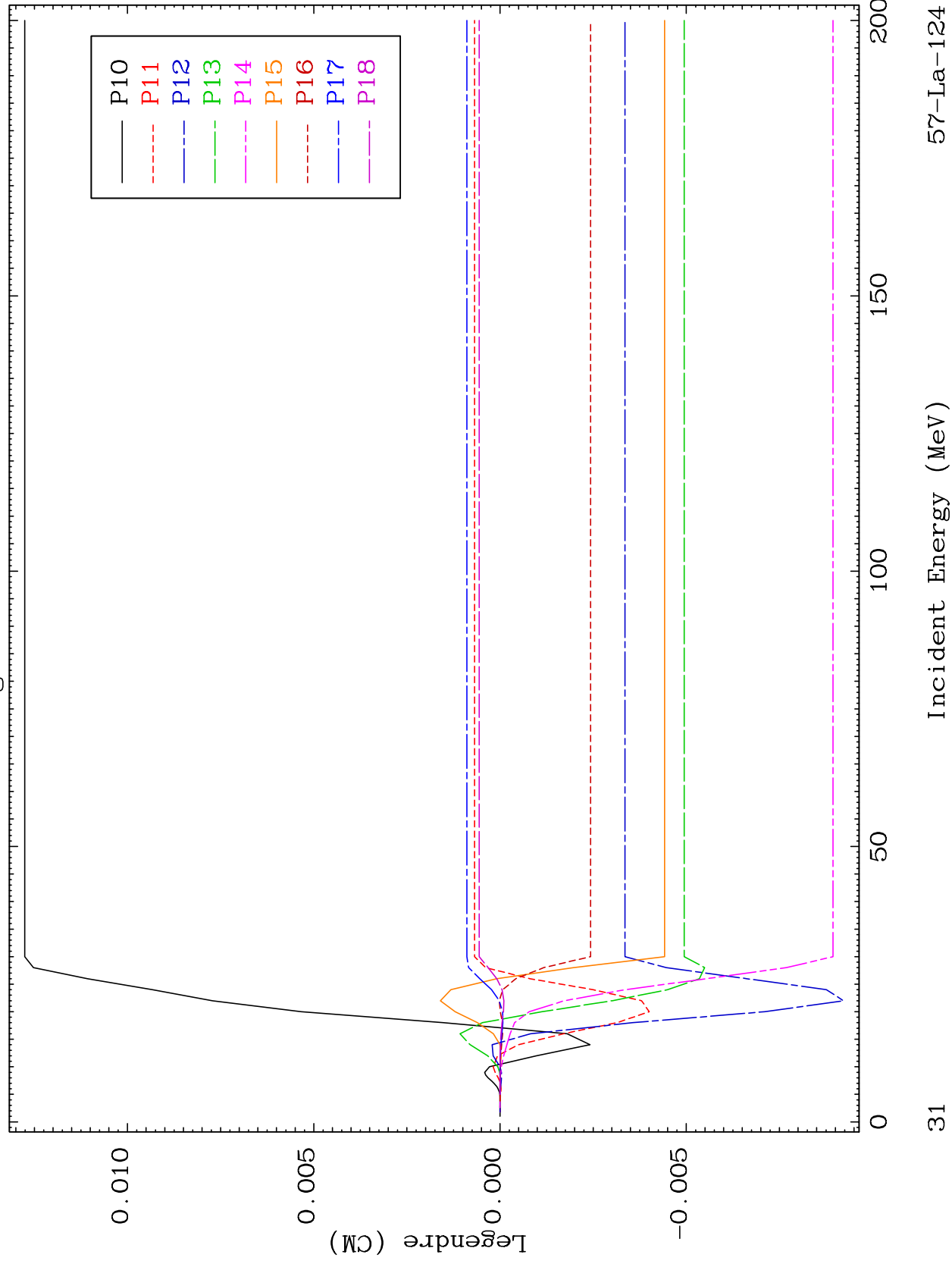
57-La-124



MAT 5683

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

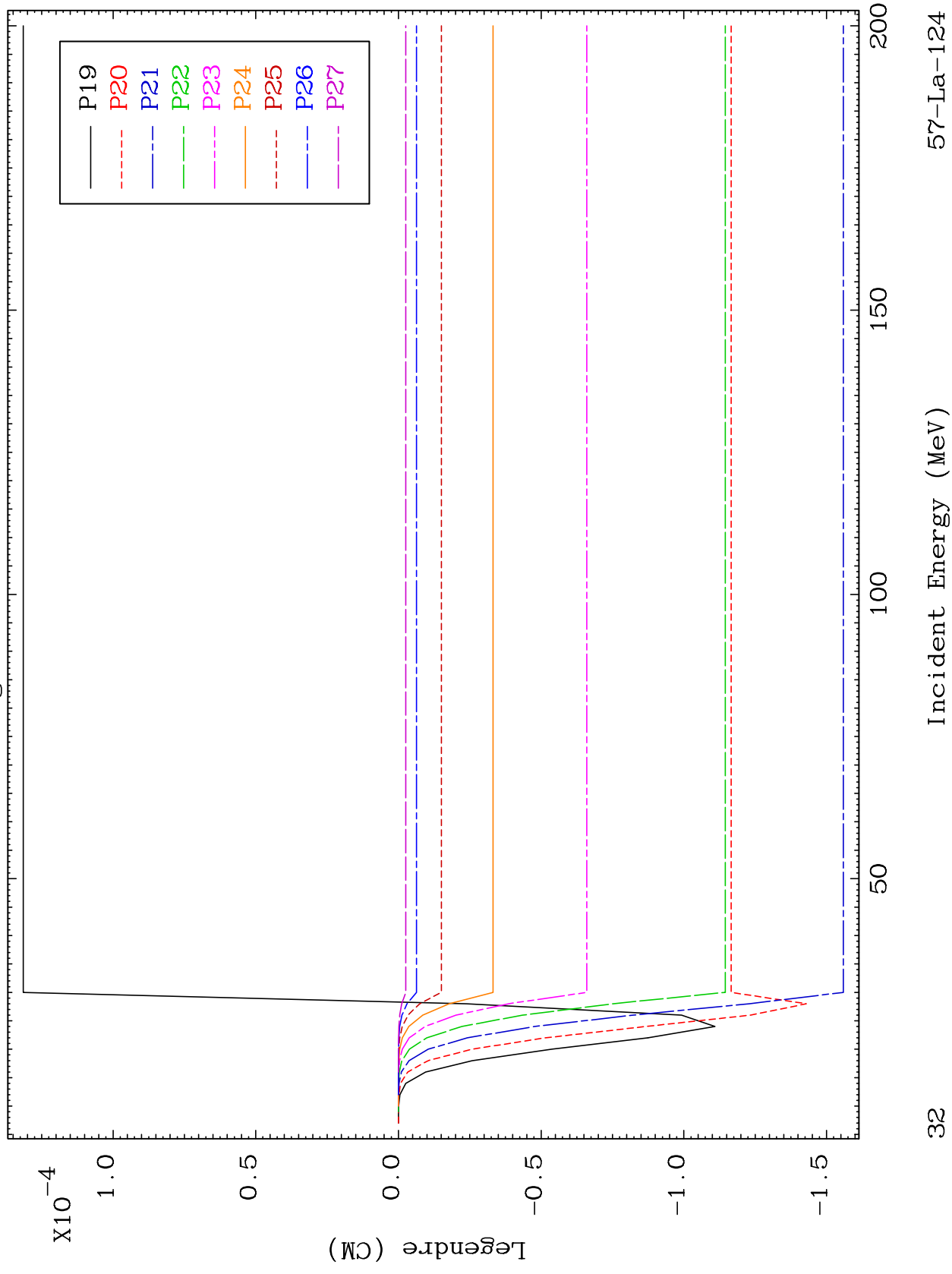
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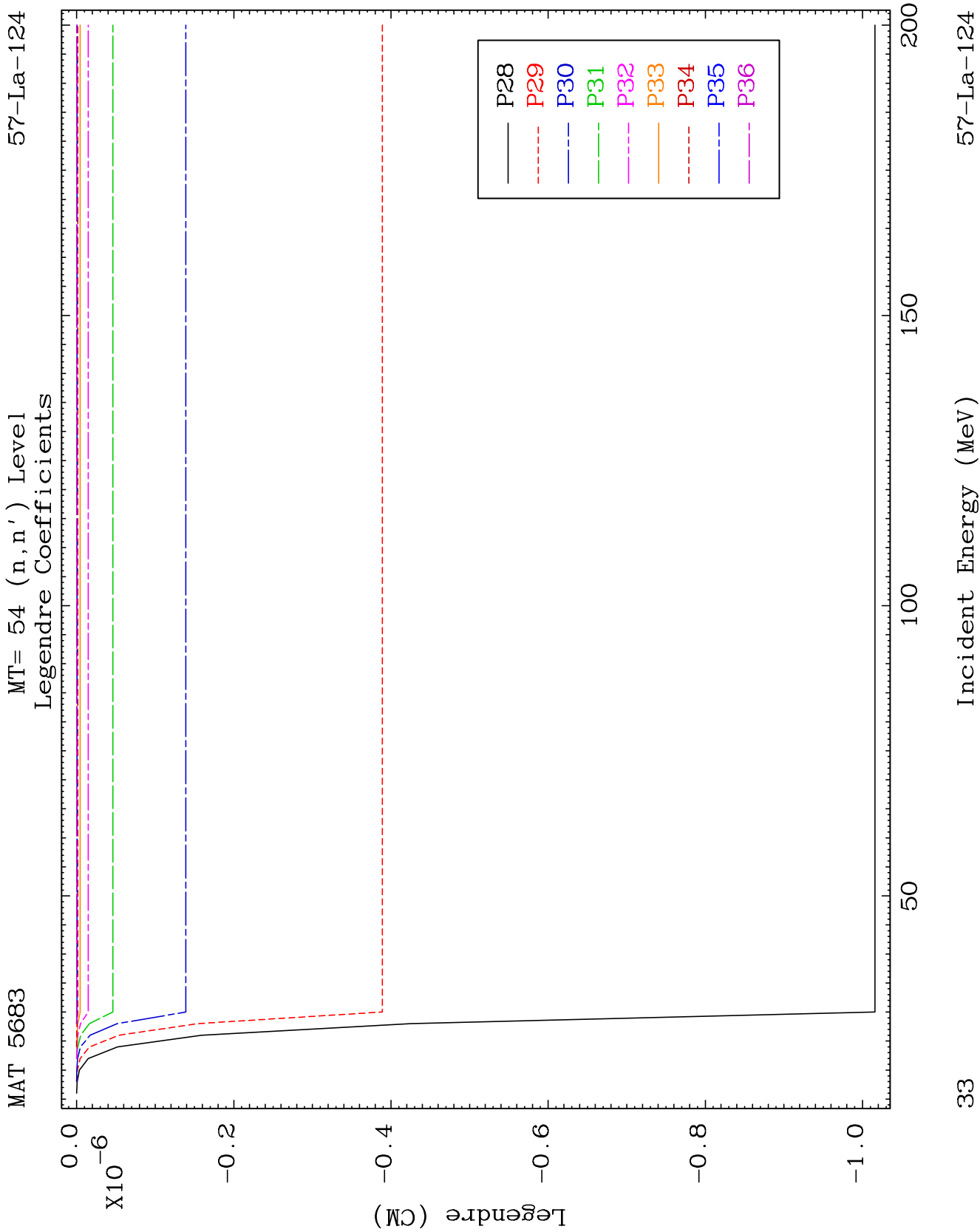


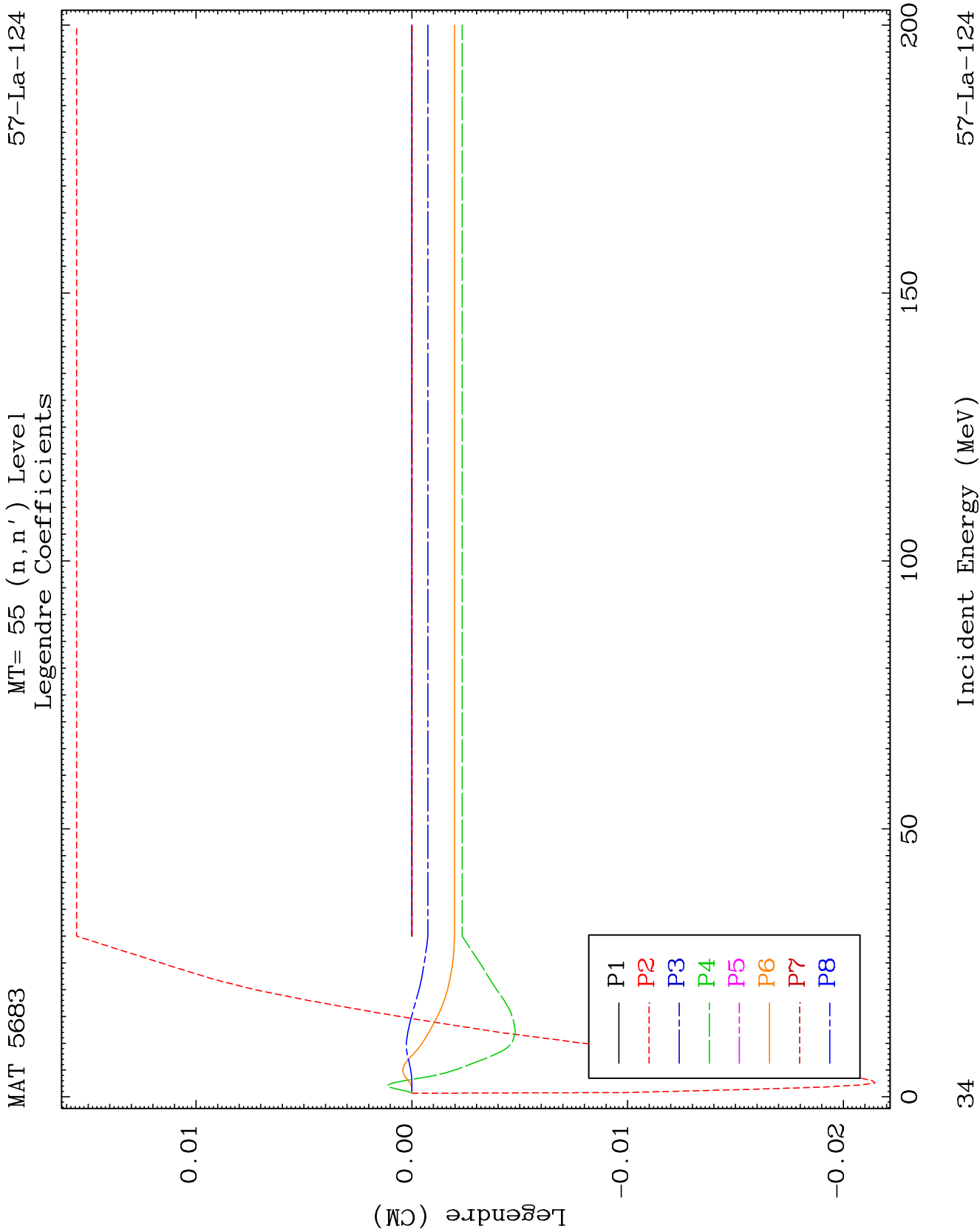
MAT 5683

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

57-La-124



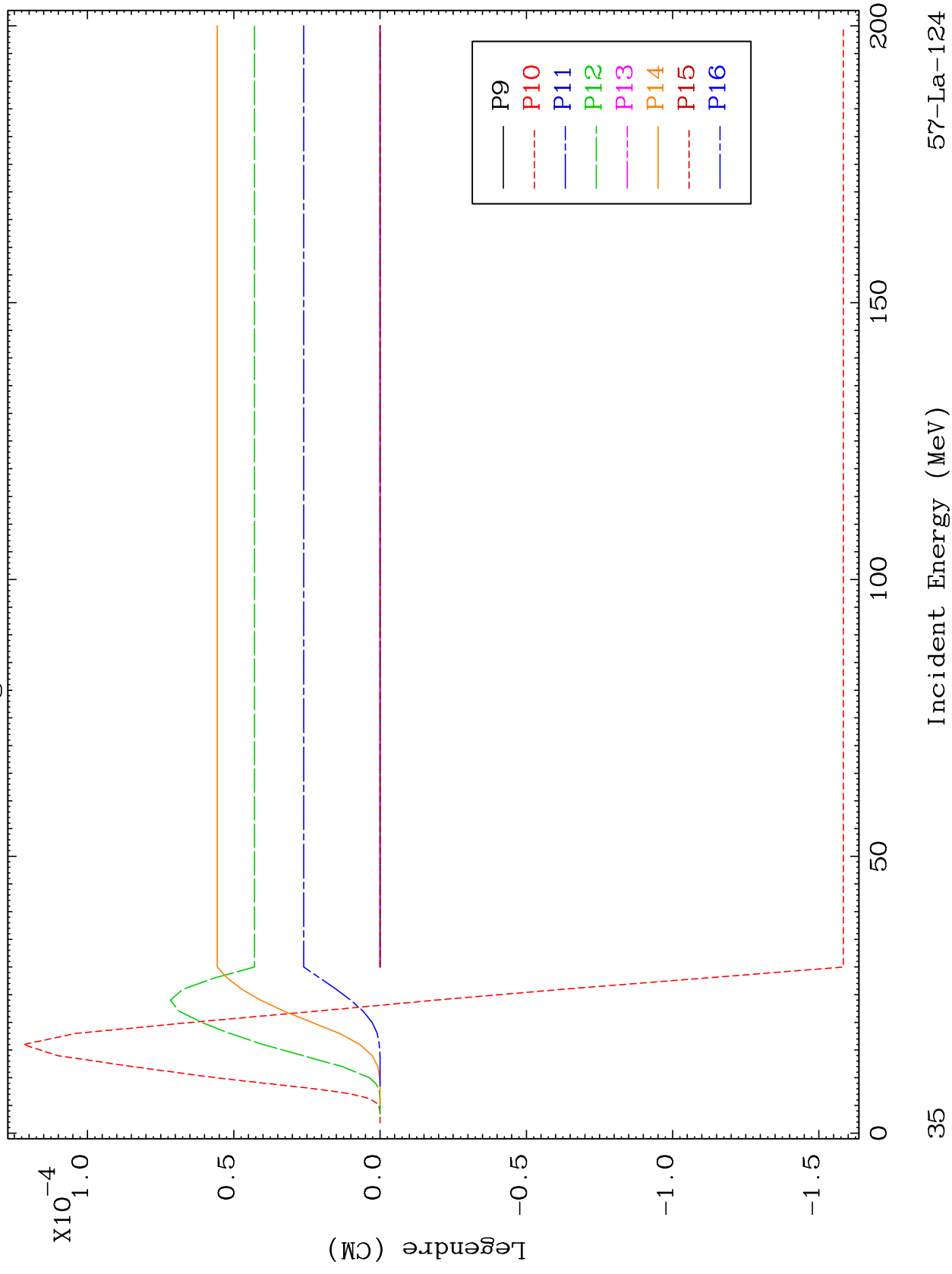


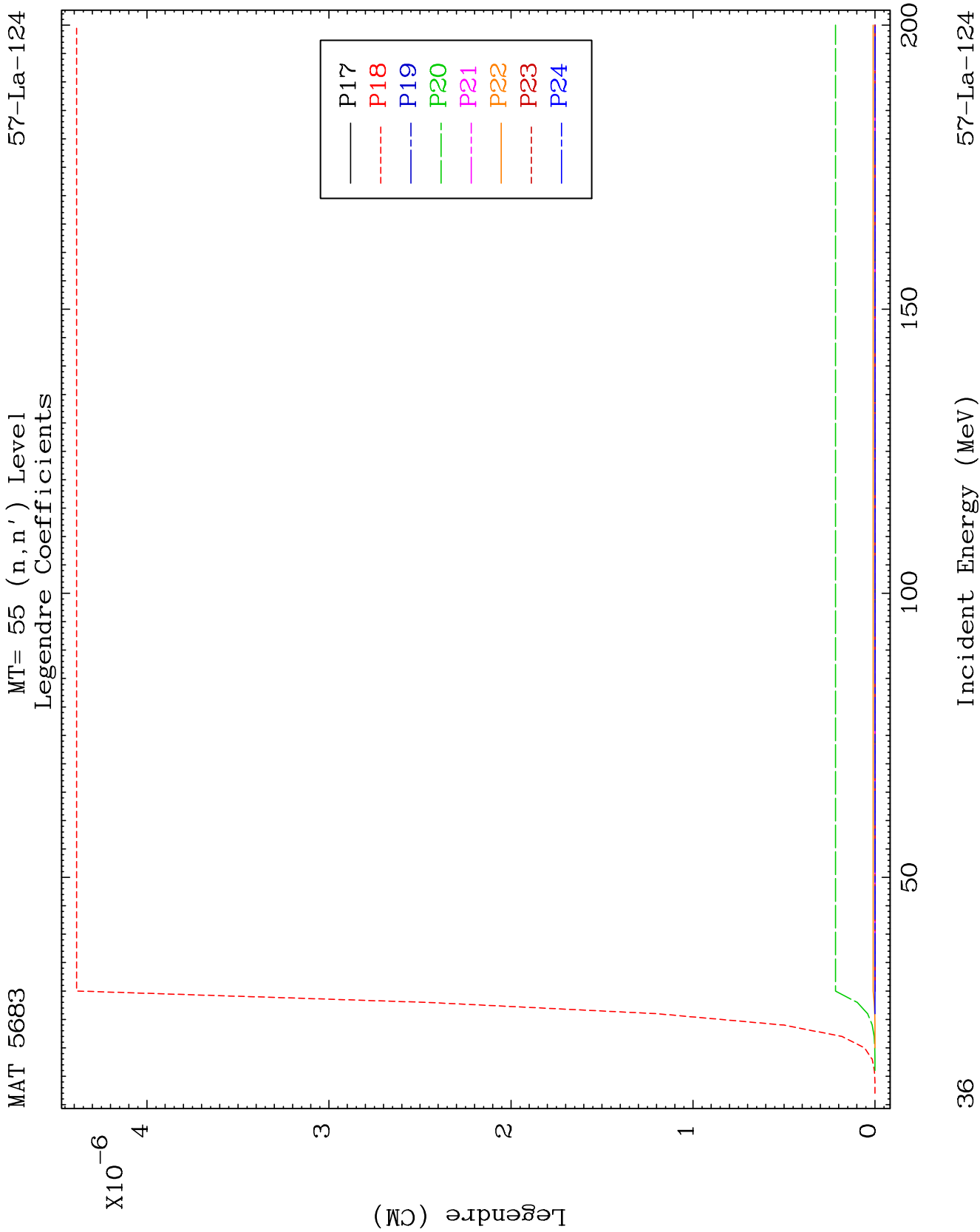


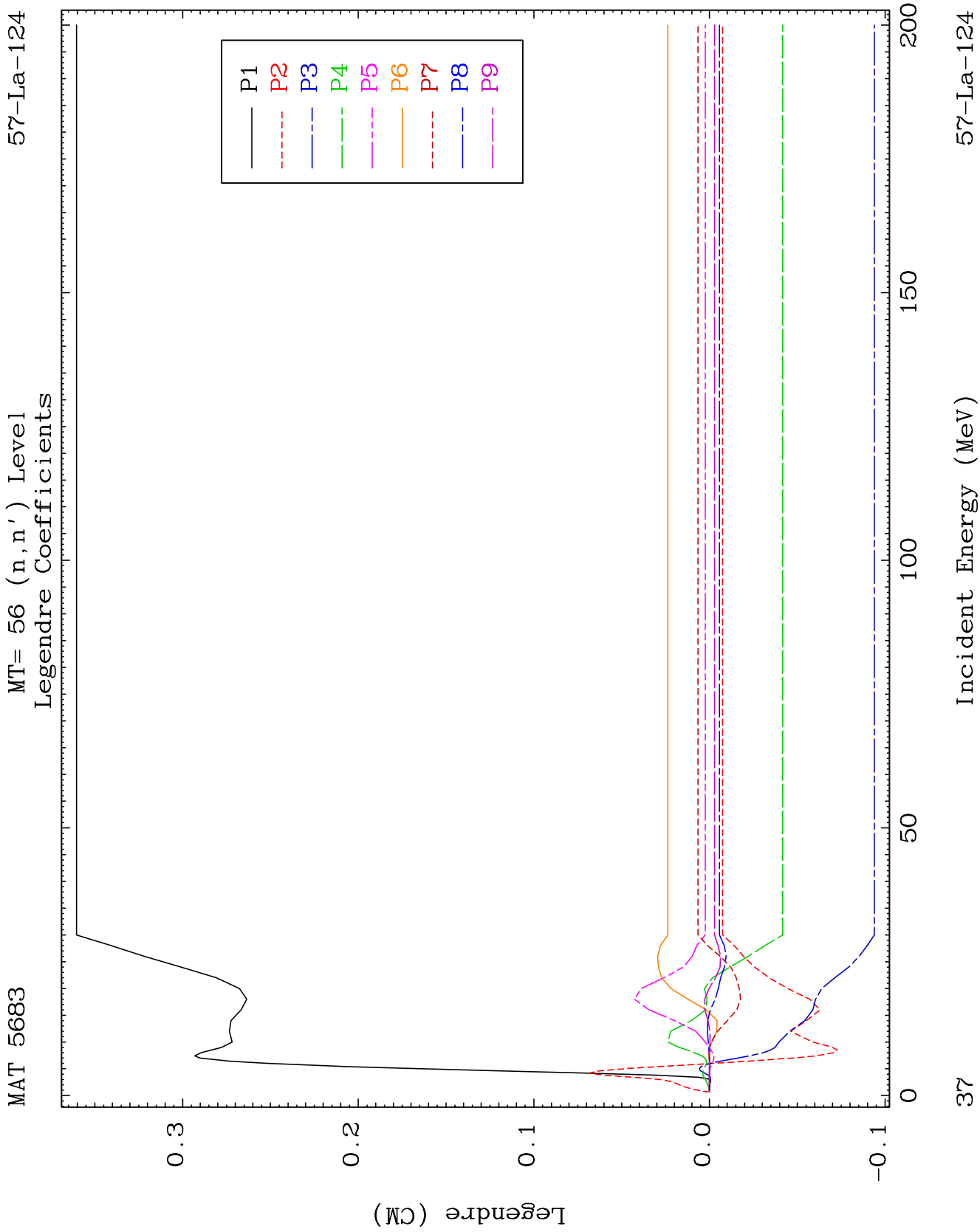
MAT 5683

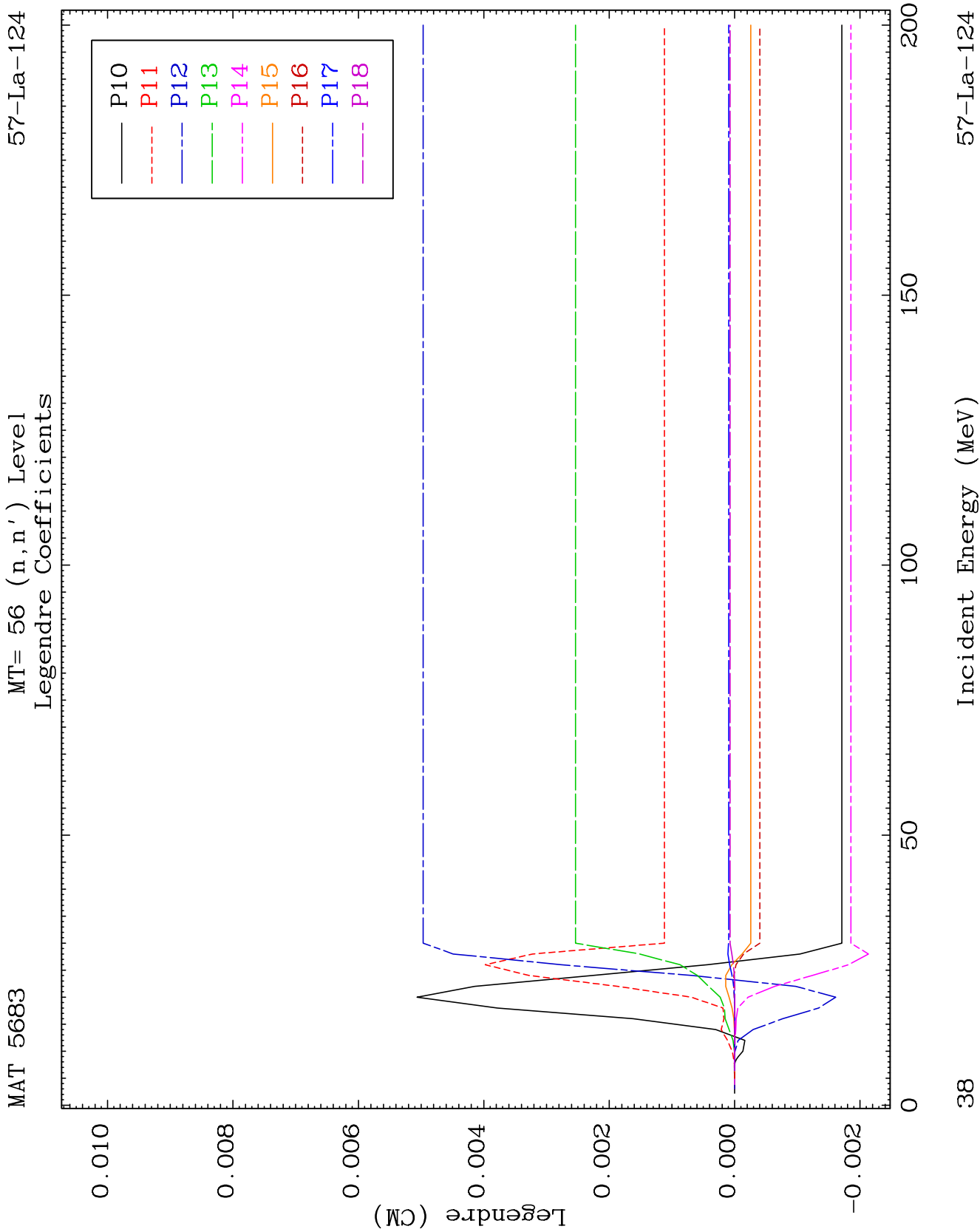
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Legendre Coefficients

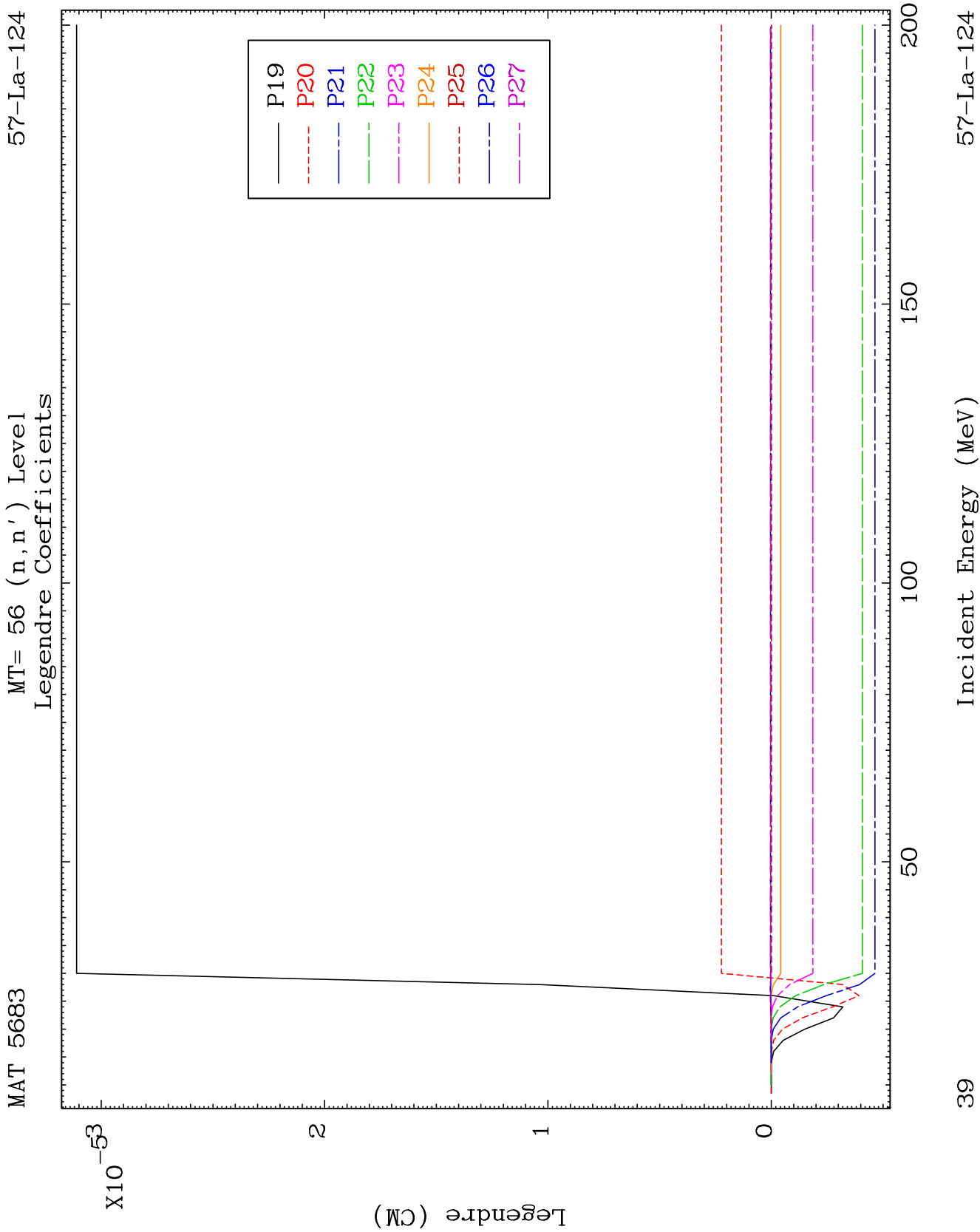
57-La-124







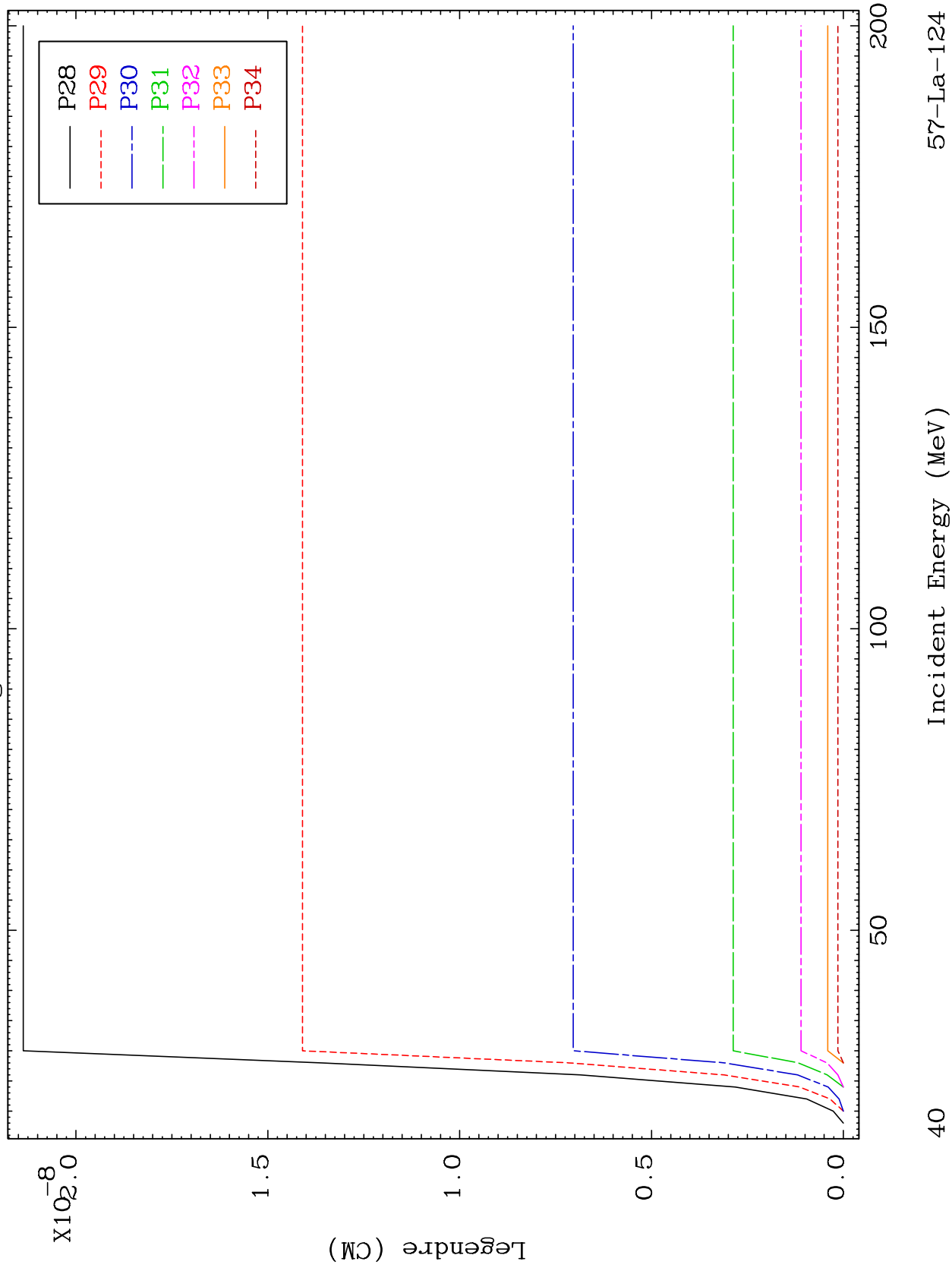


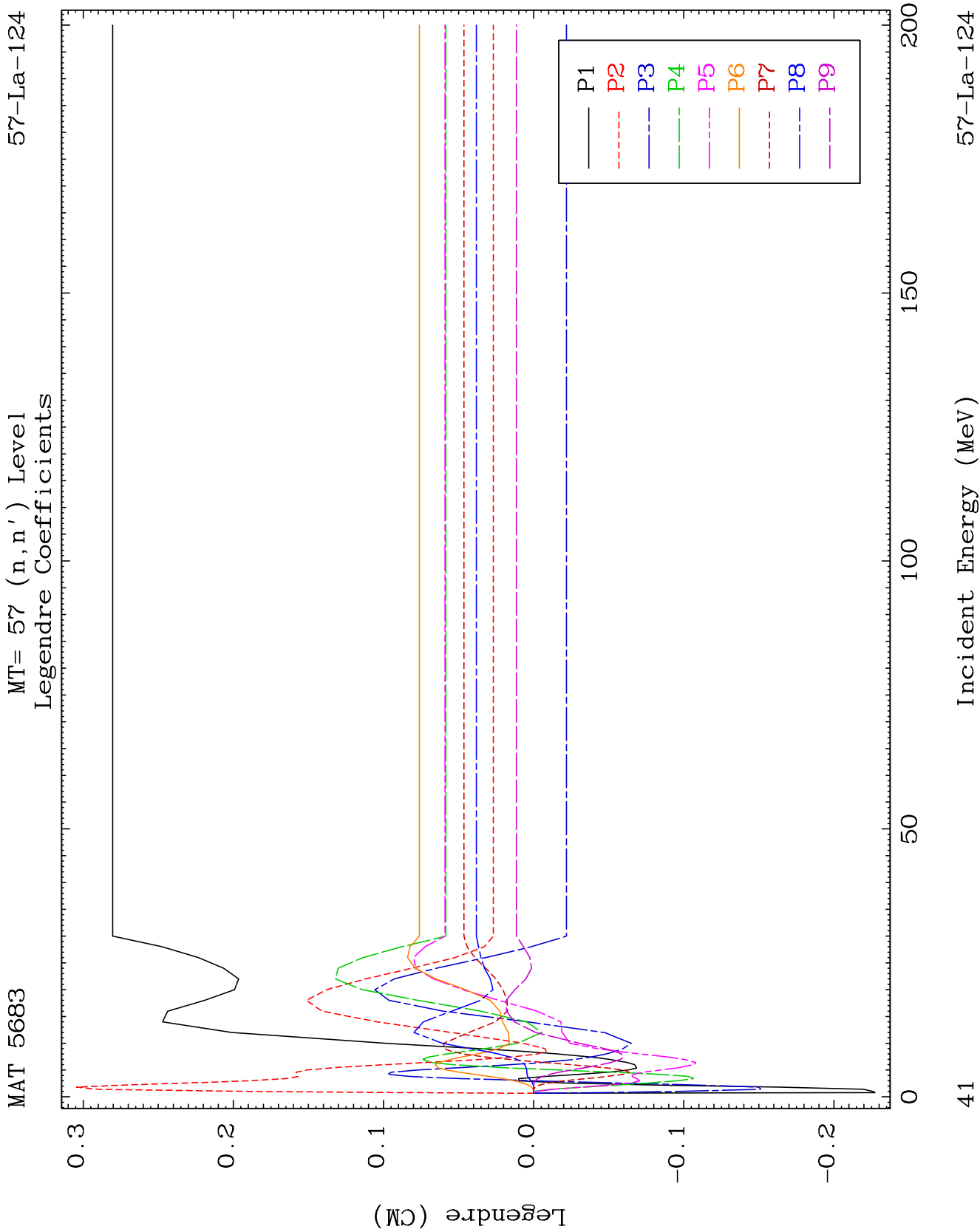


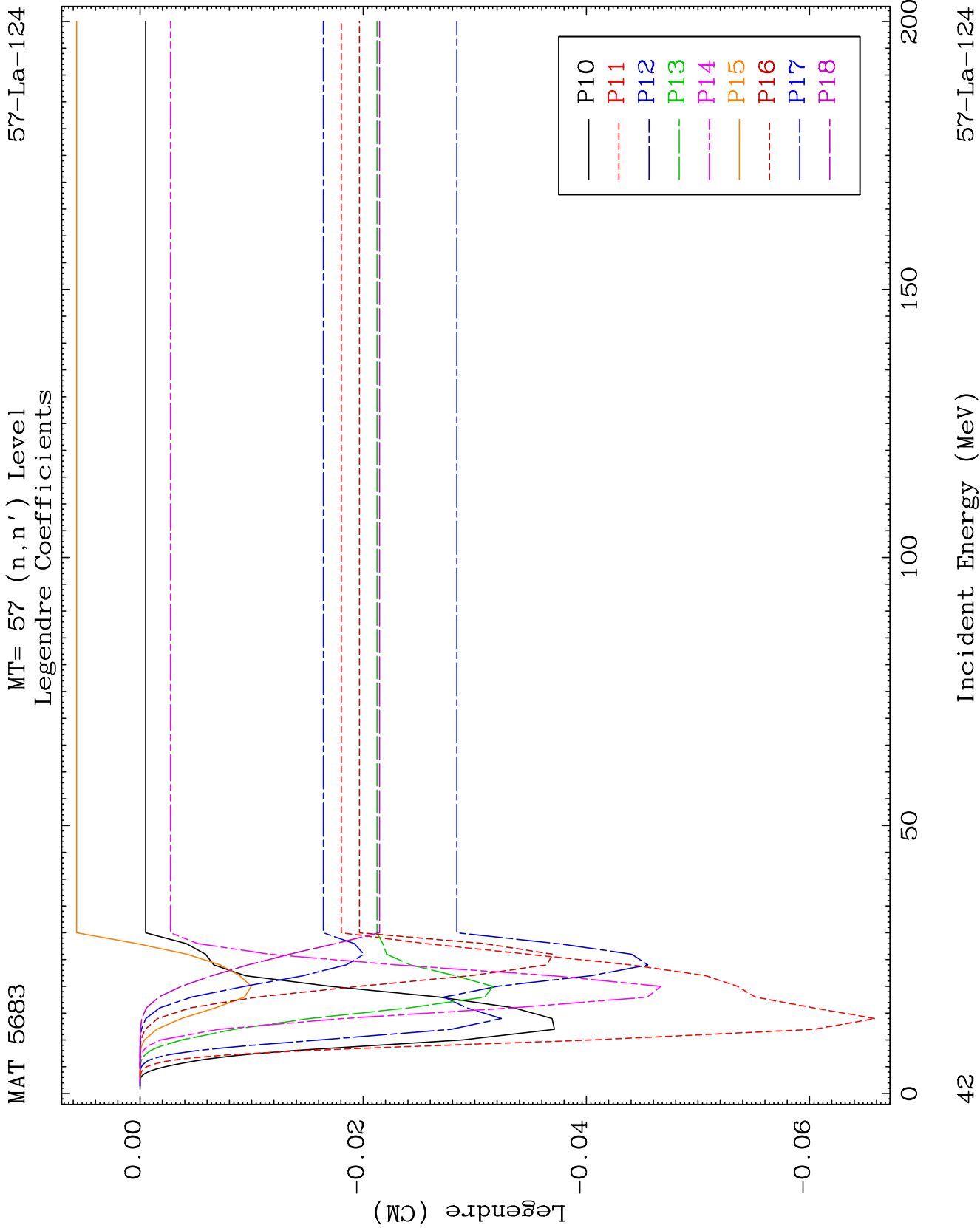
MAT 5683

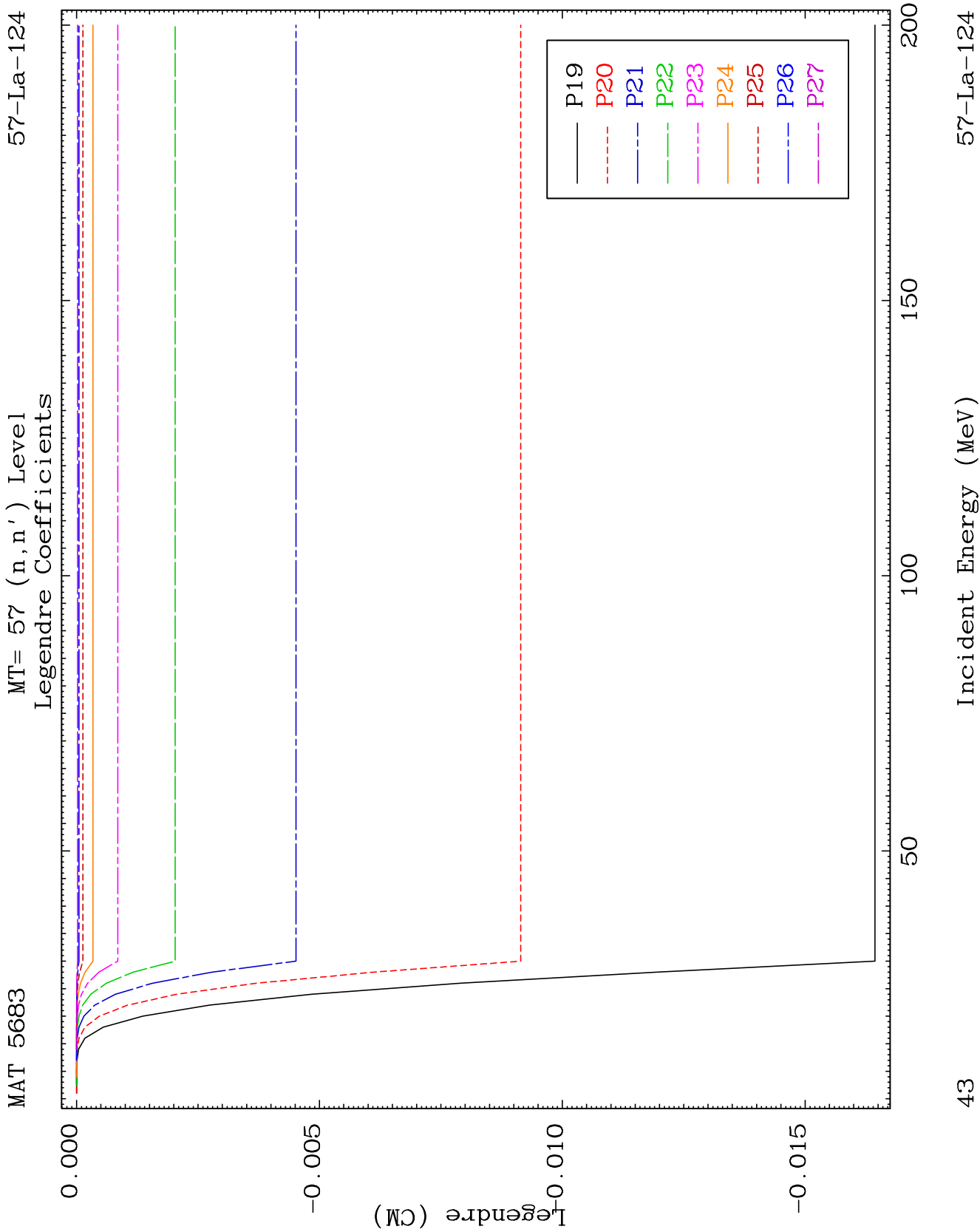
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Legendre Coefficients

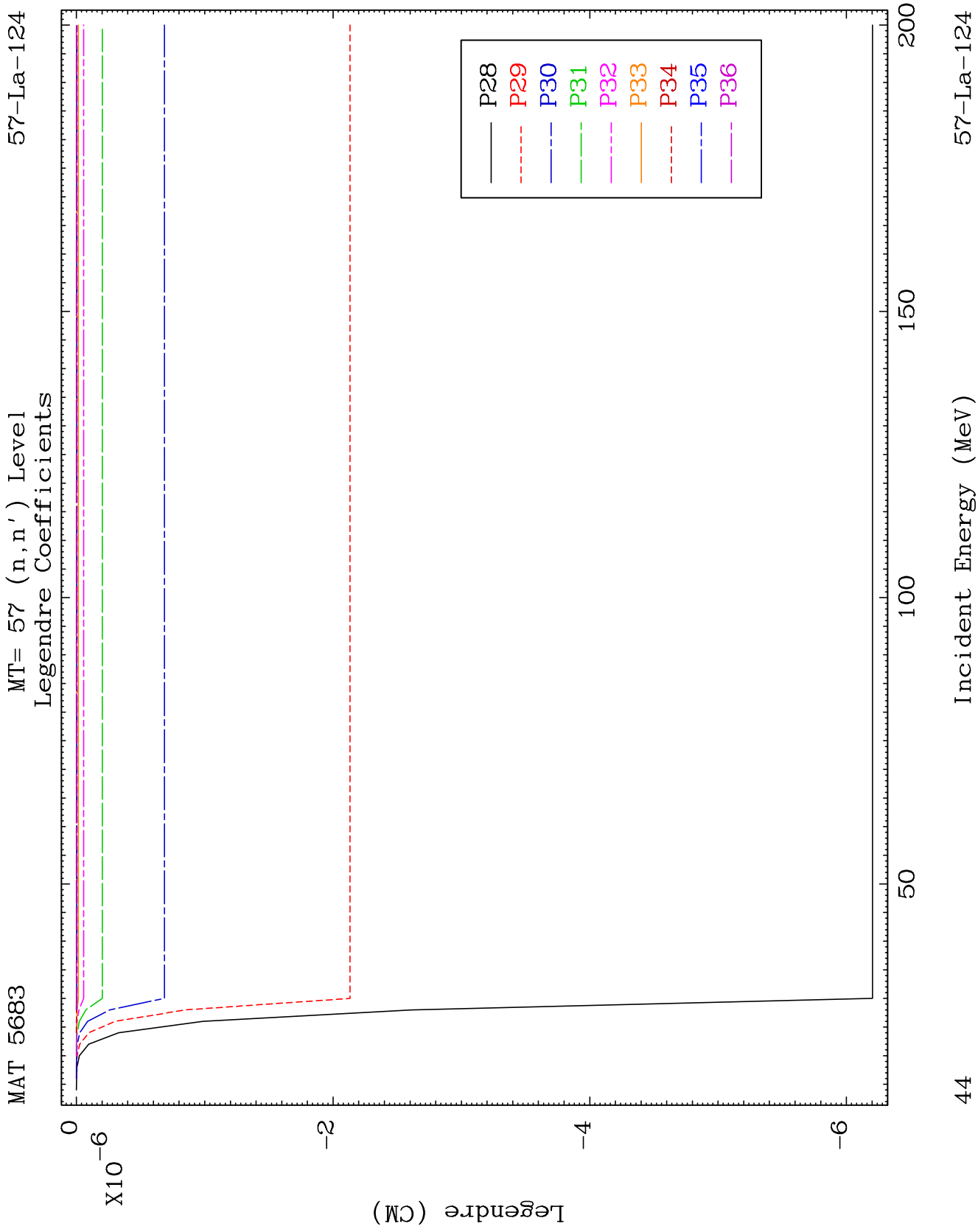
57-La-124







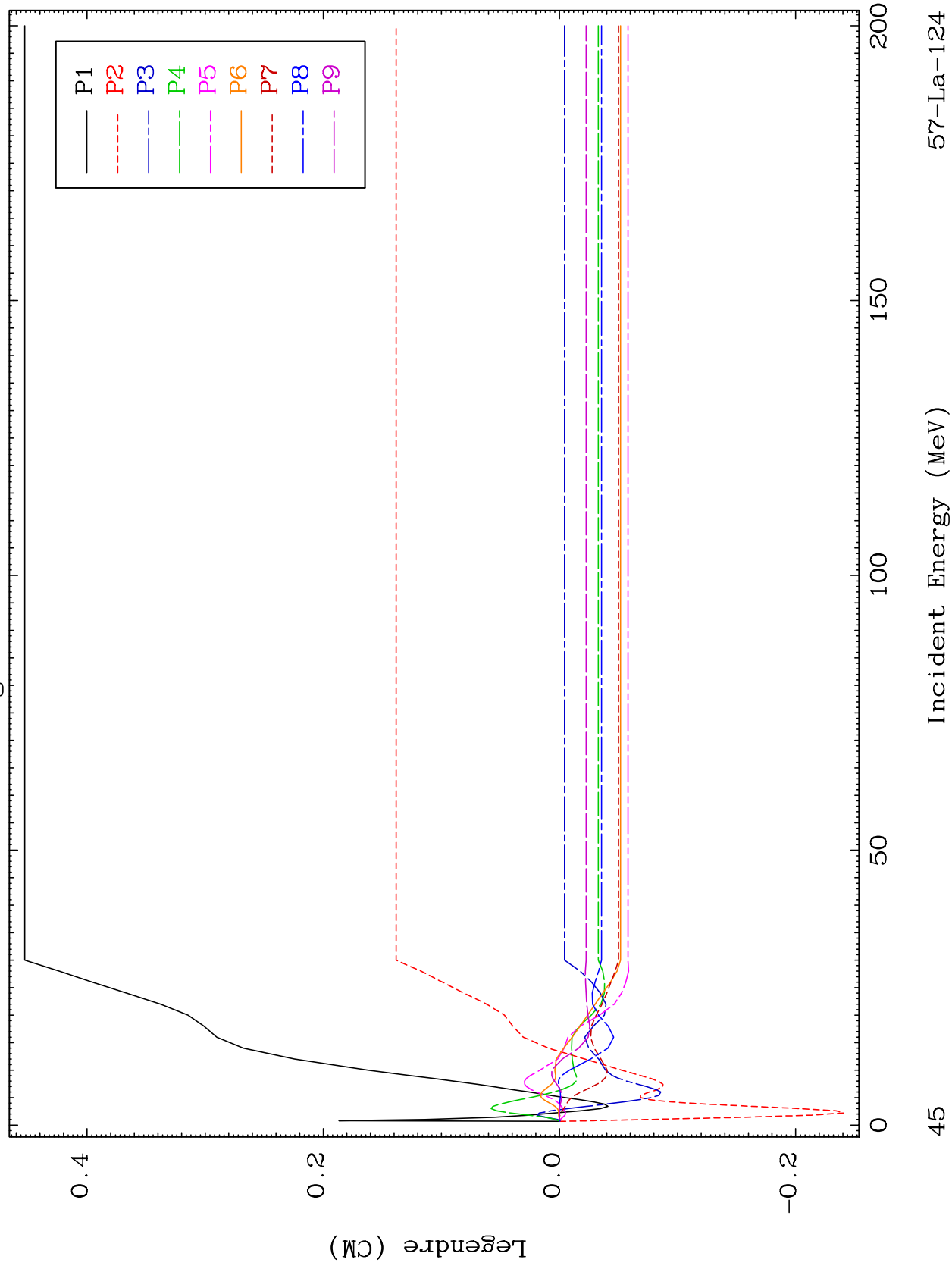




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MT= 58 (n, n') Level
Legendre Coefficients

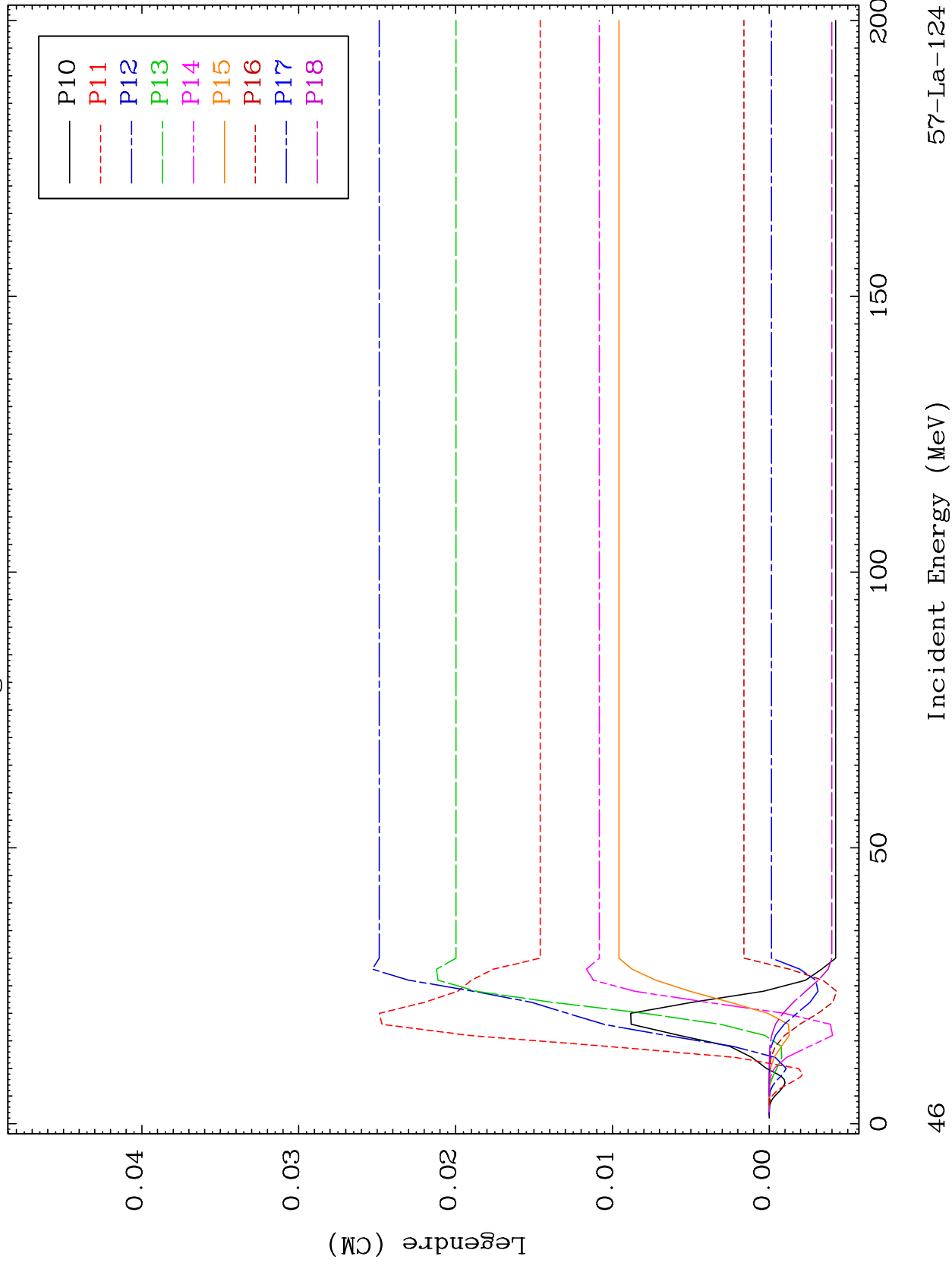
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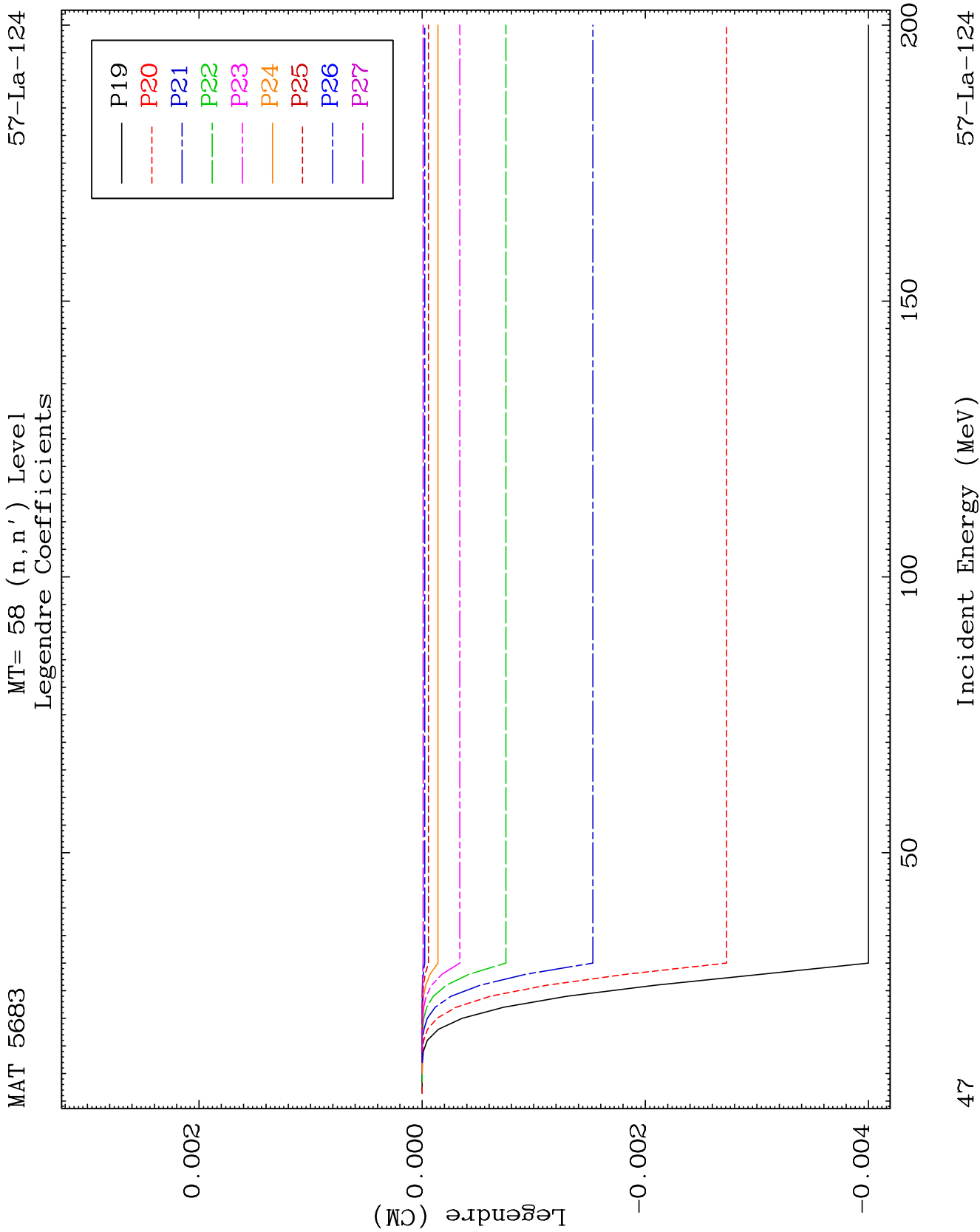


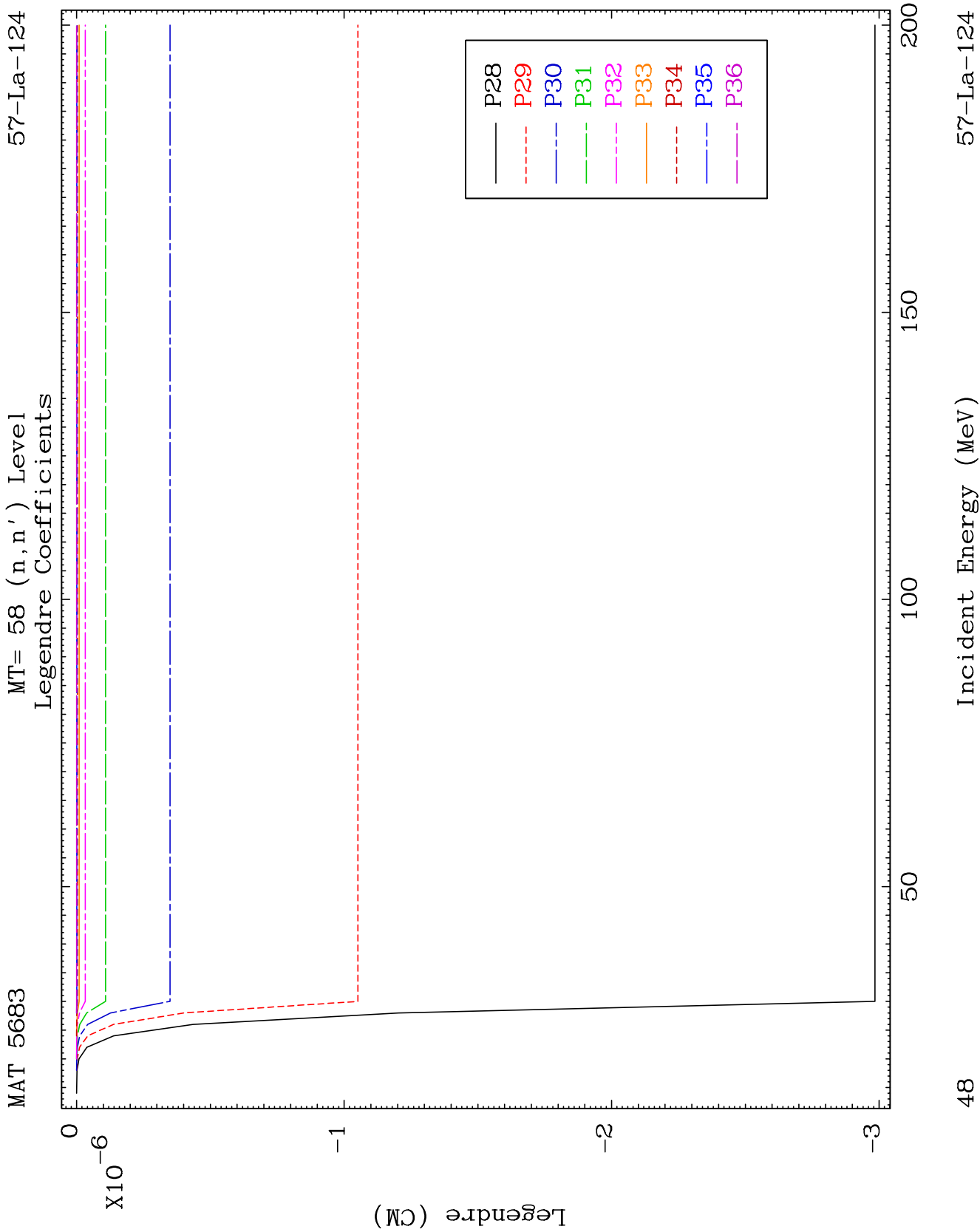
MAT 5683

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

57-La-124



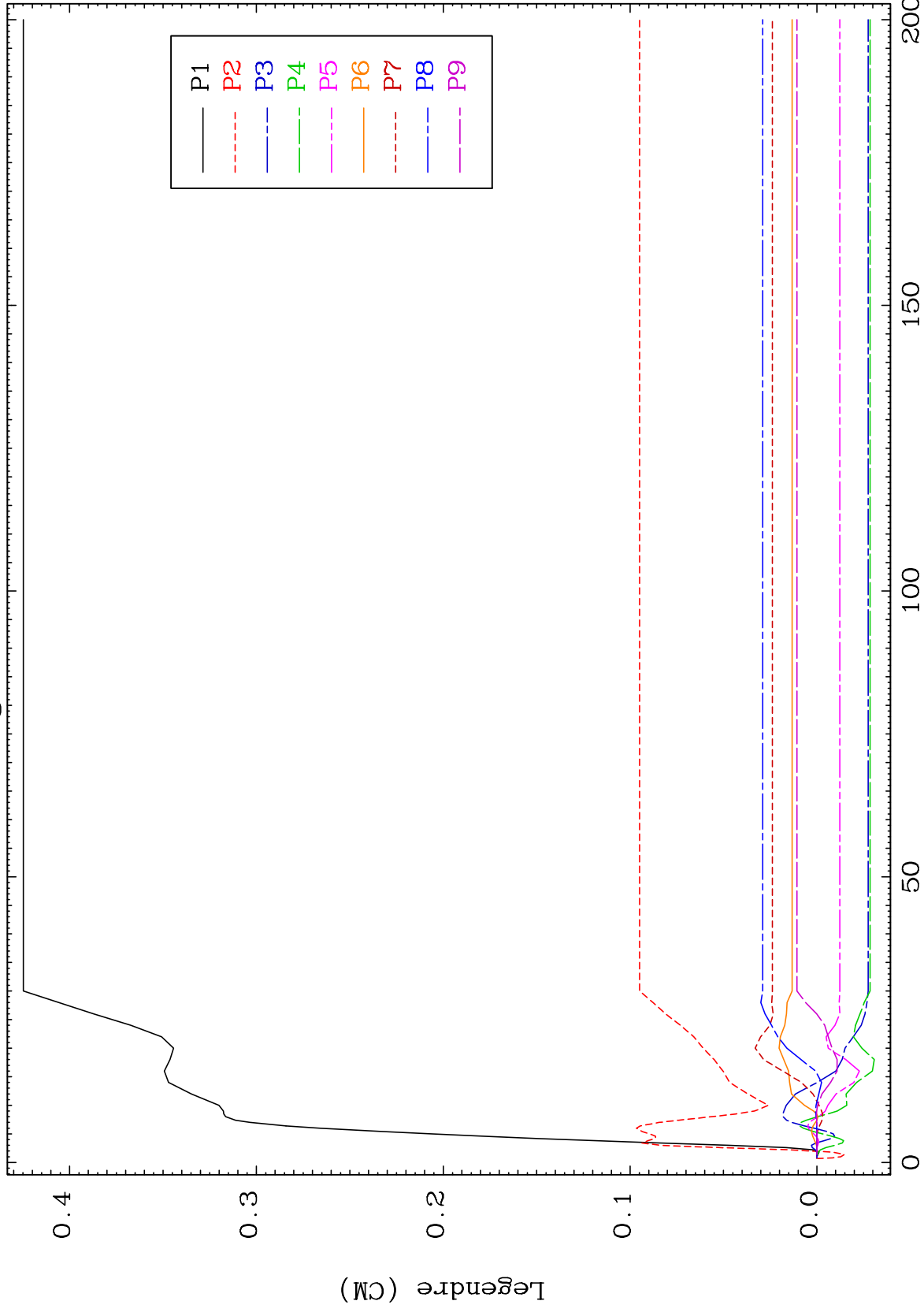




MAT 5683

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

57-La-124



57-La-124

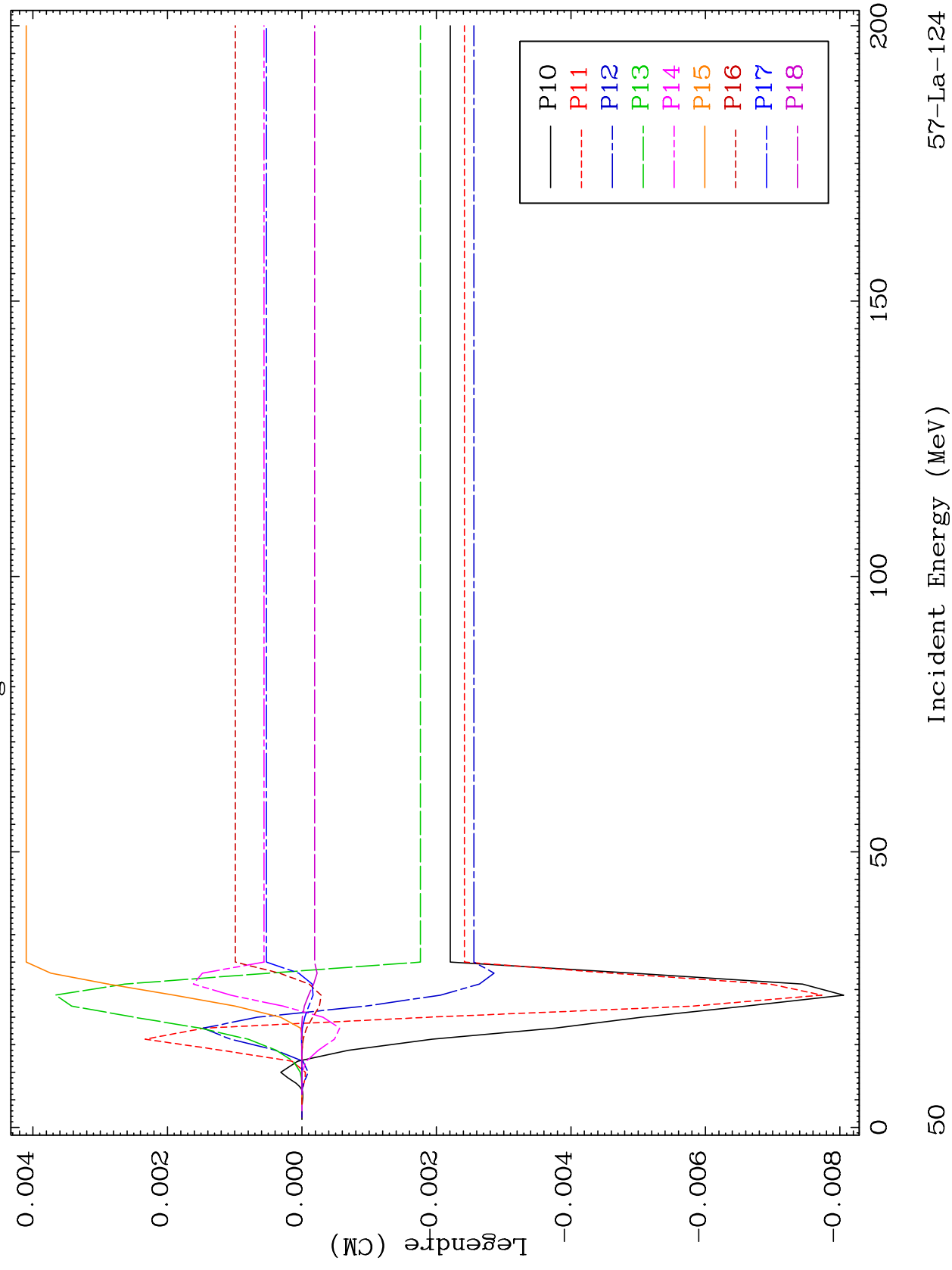
Incident Energy (MeV)

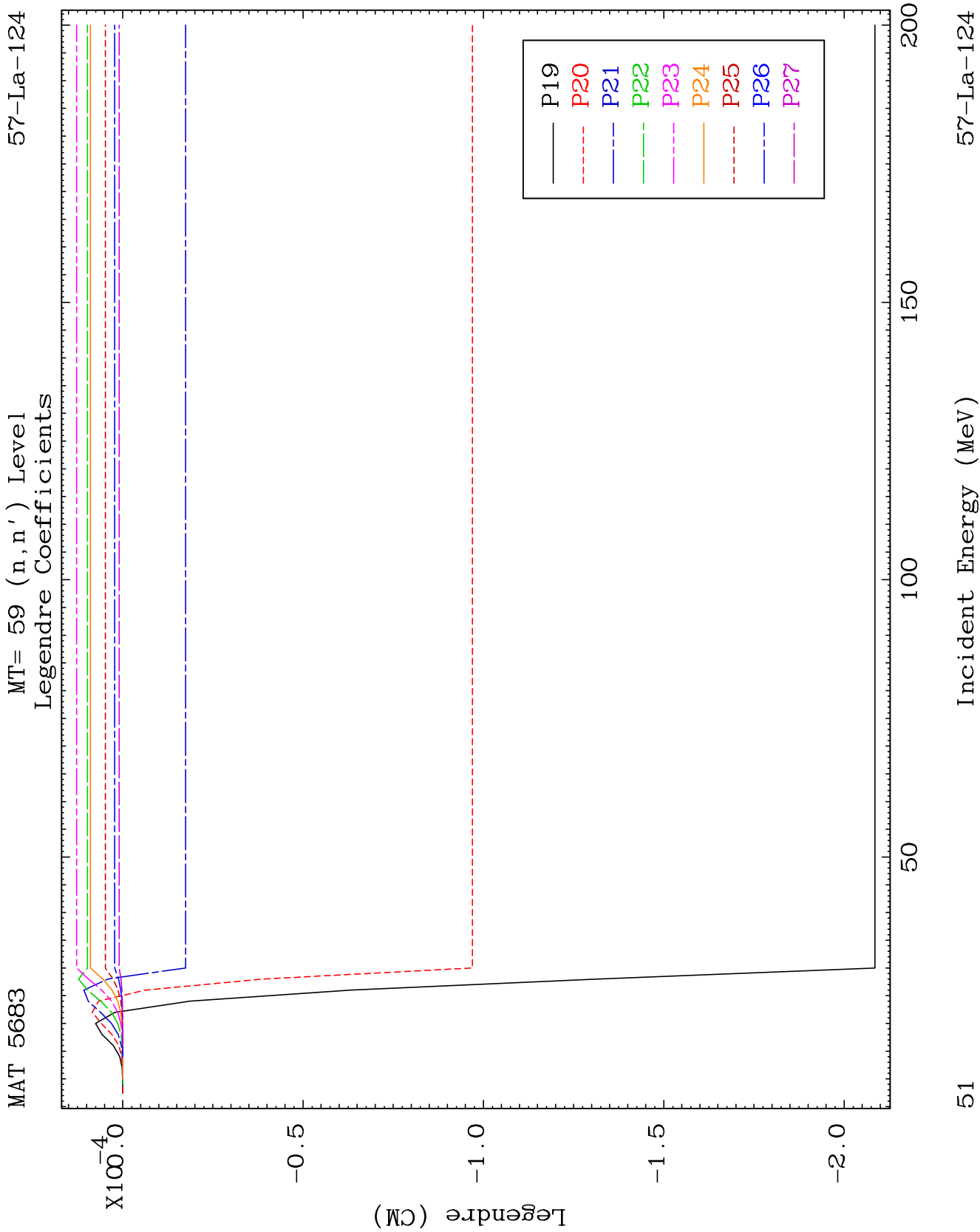
49

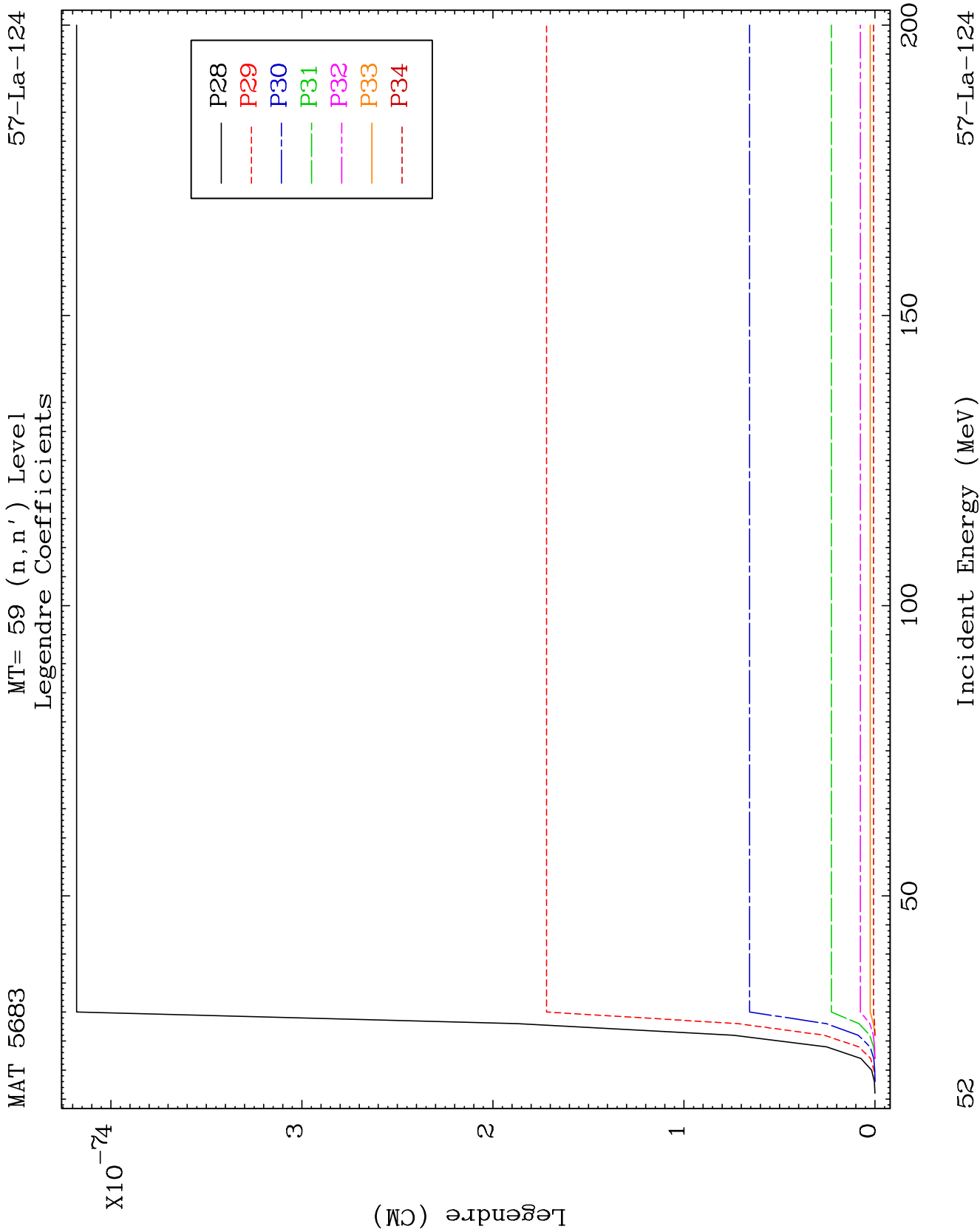
MAT 5683

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

57-La-124



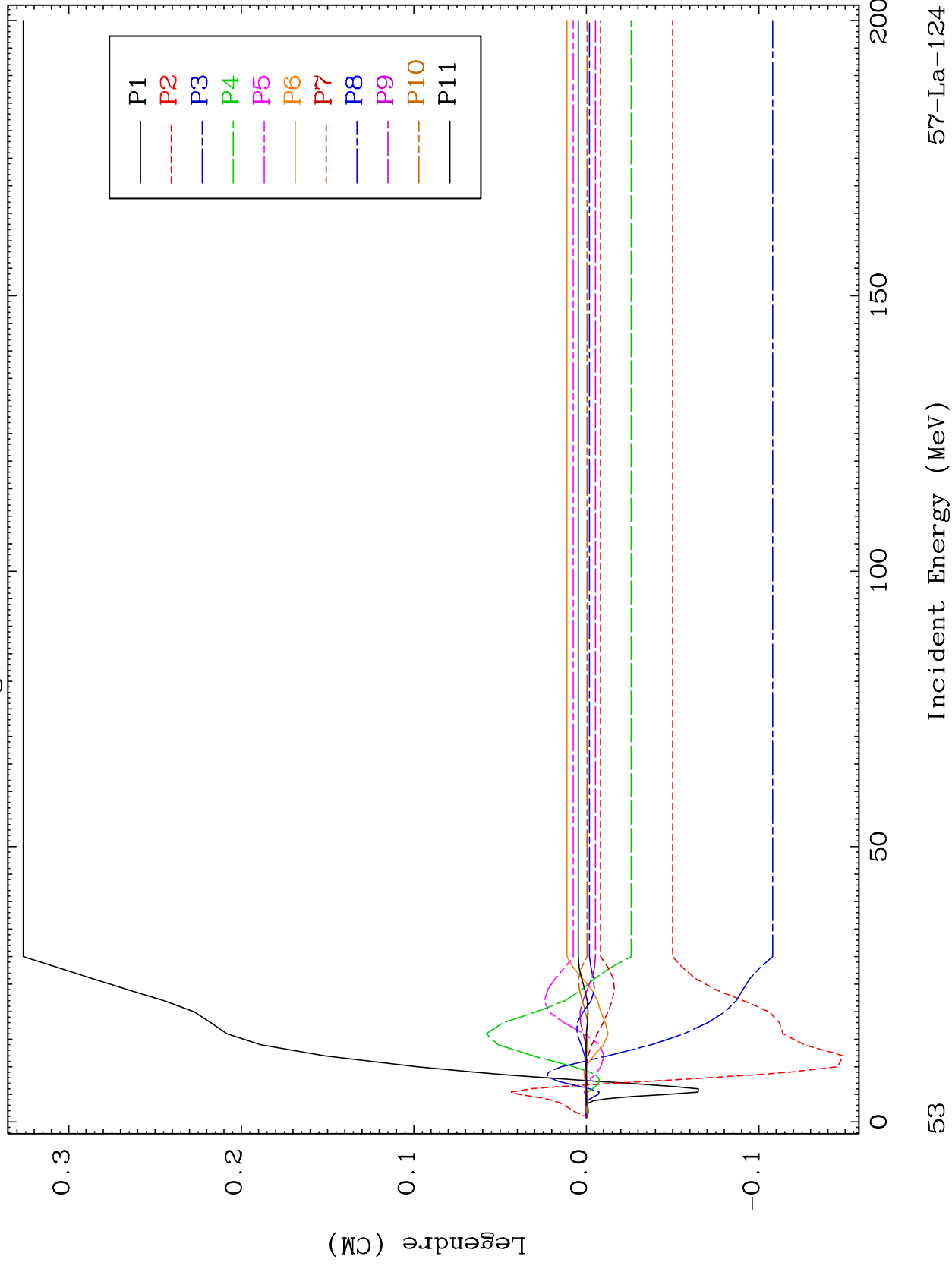




MAT 5683

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

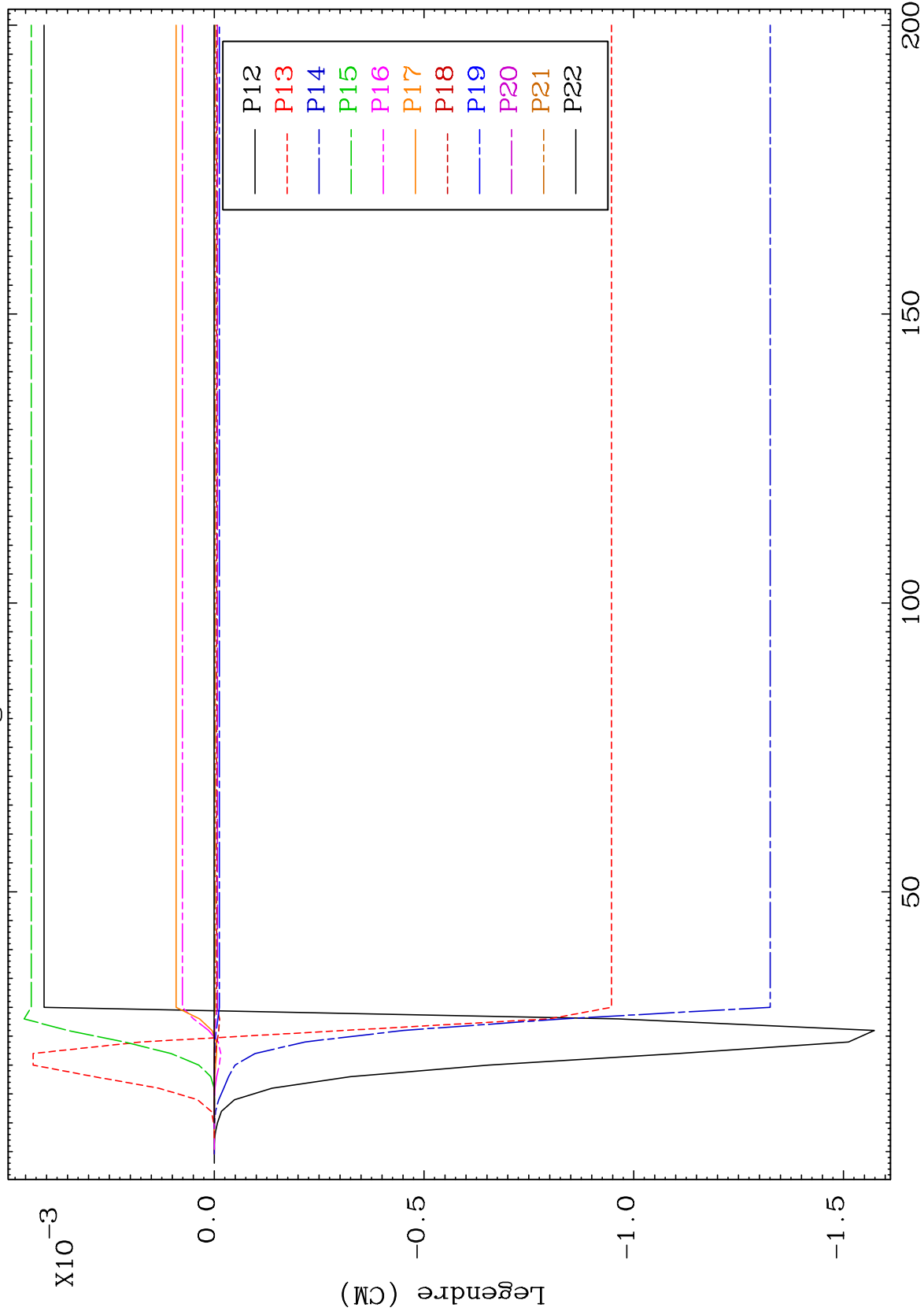
57-La-124



MAT 5683

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

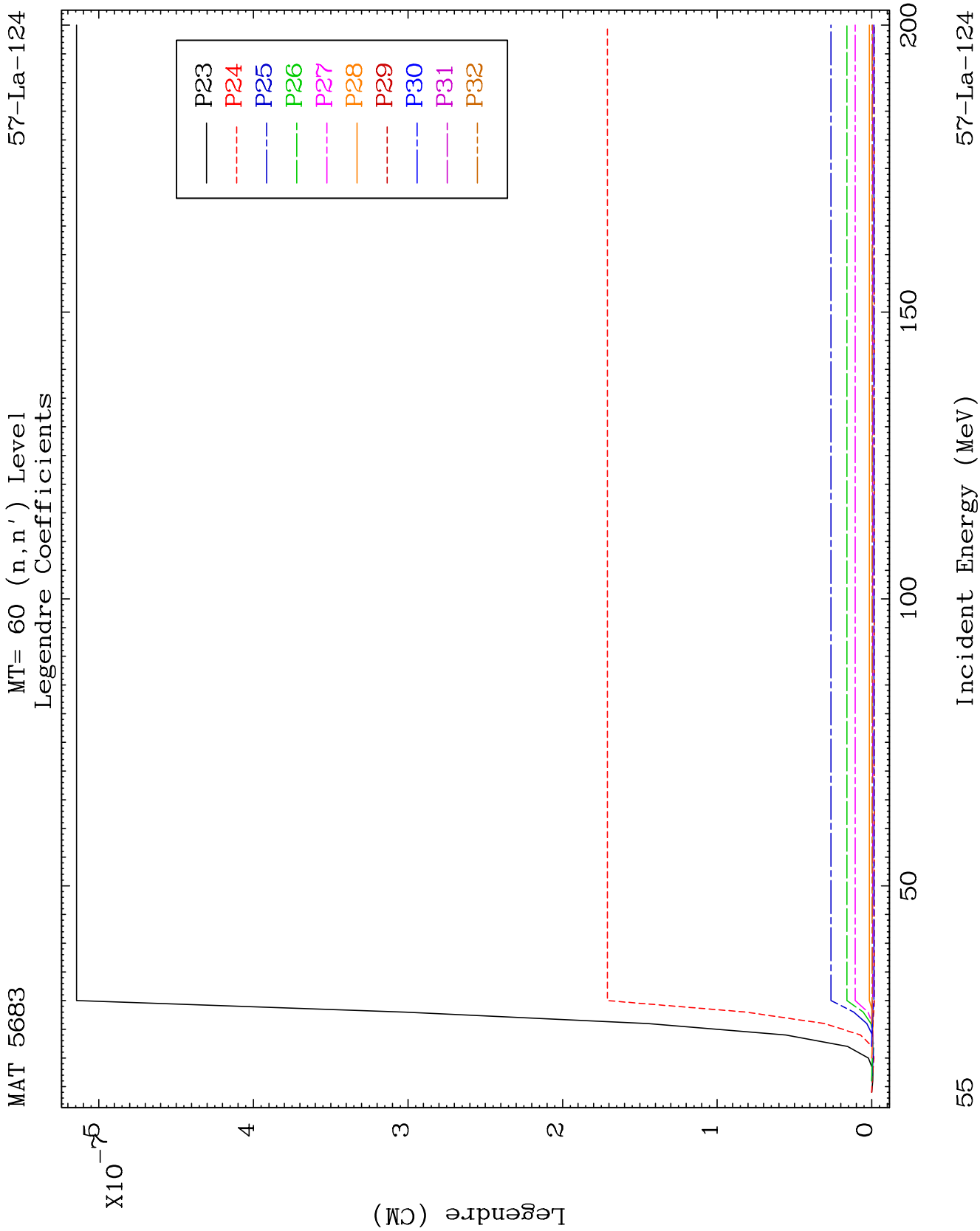
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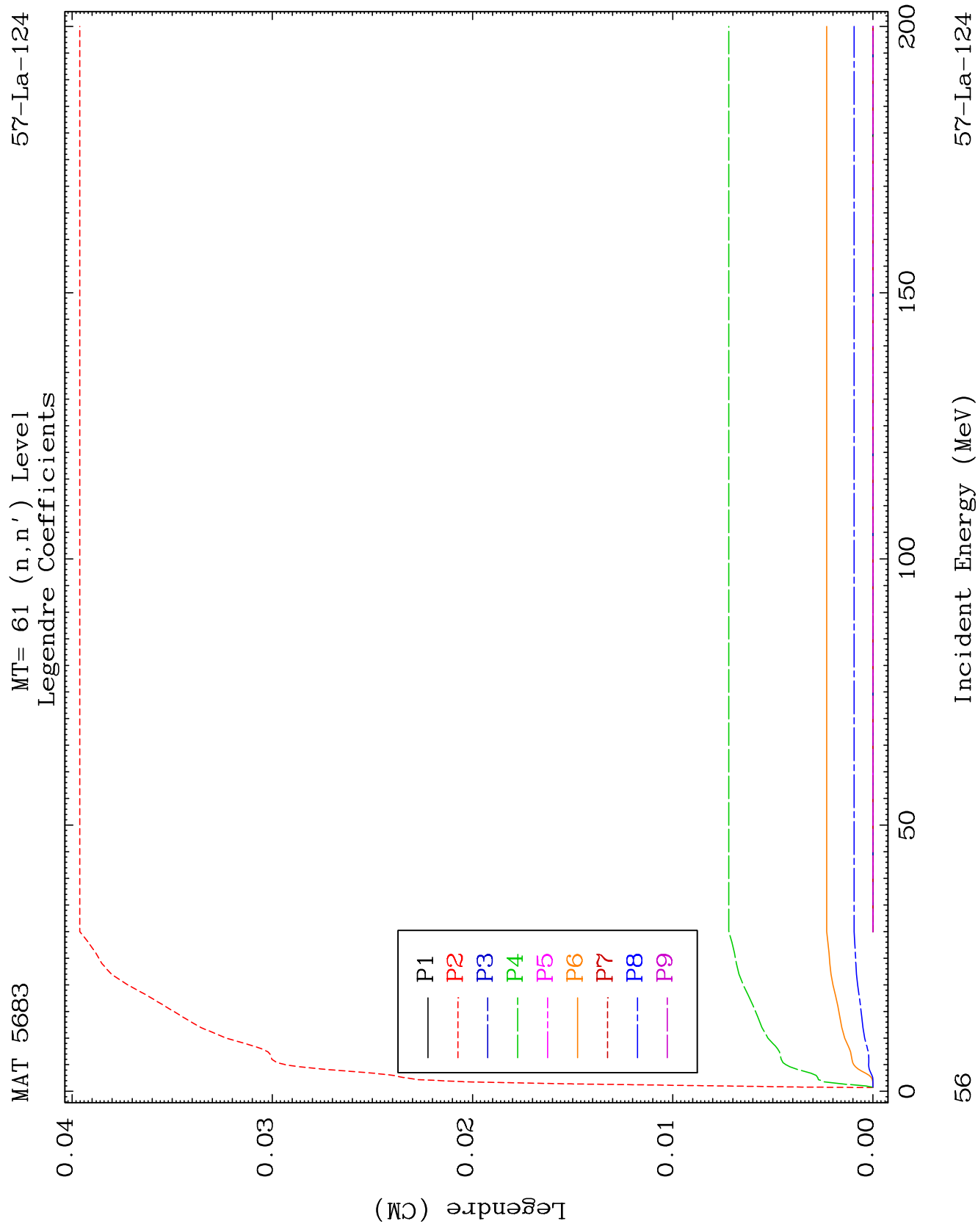


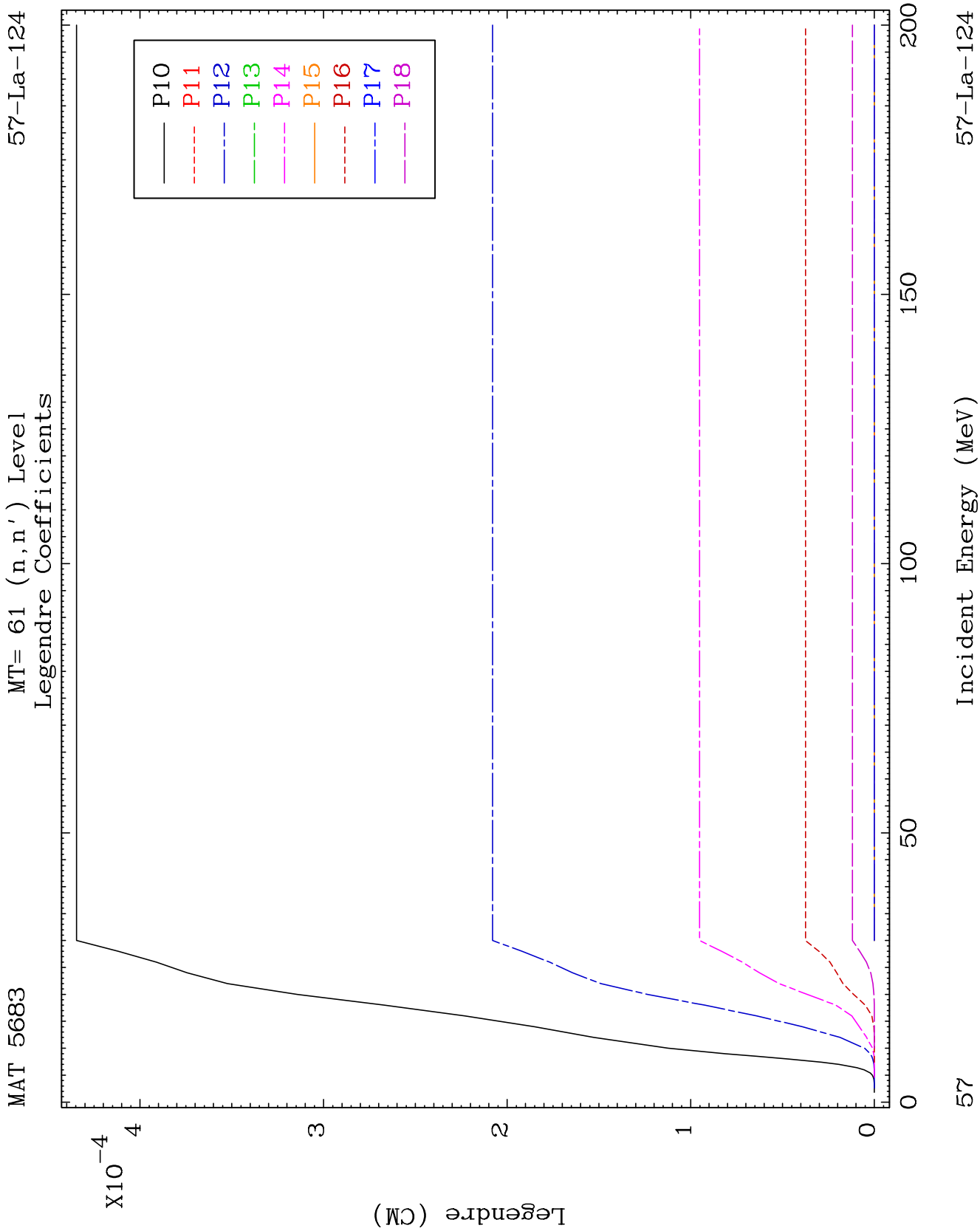
54

Incident Energy (MeV)

57-La-124



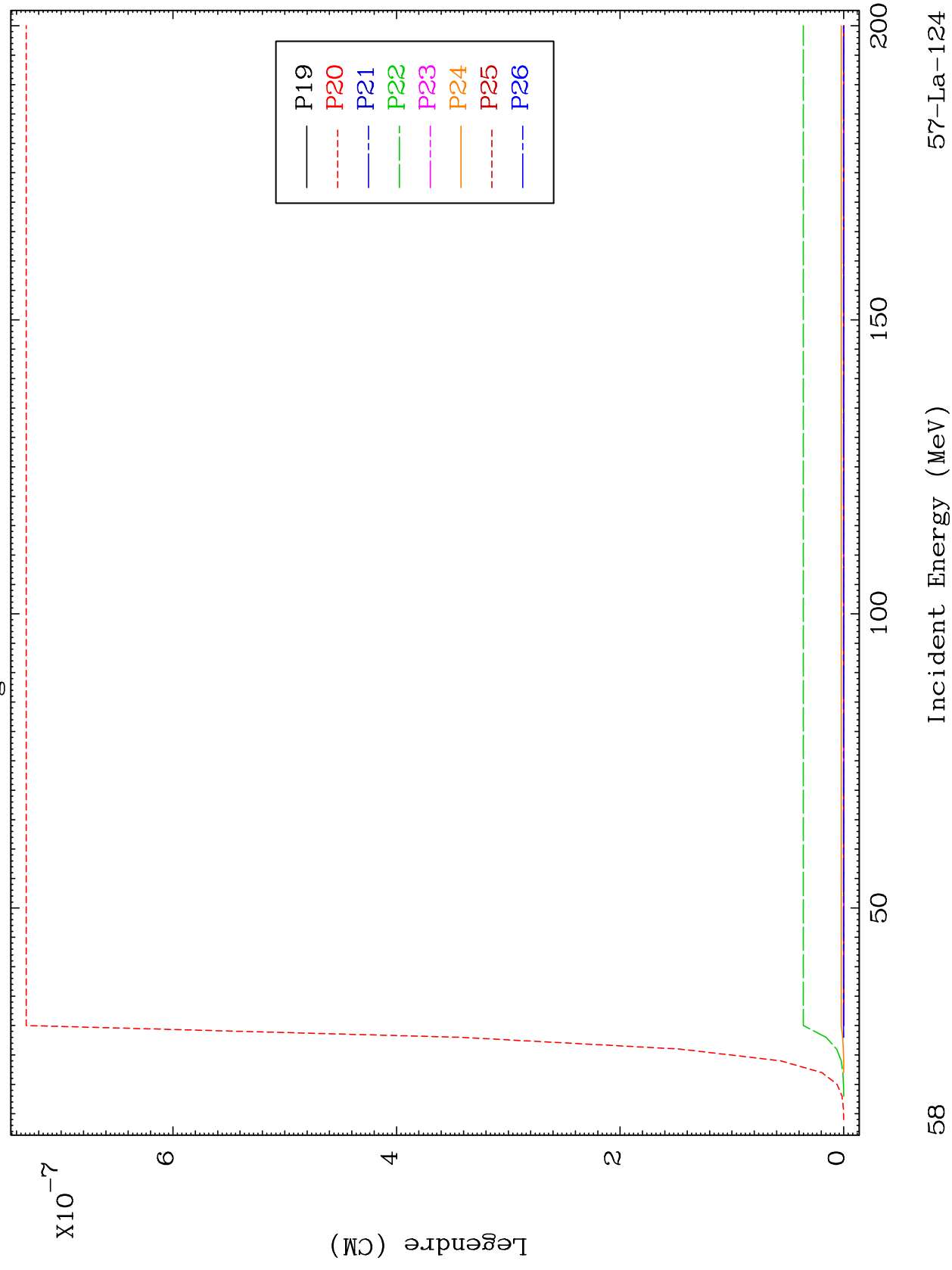


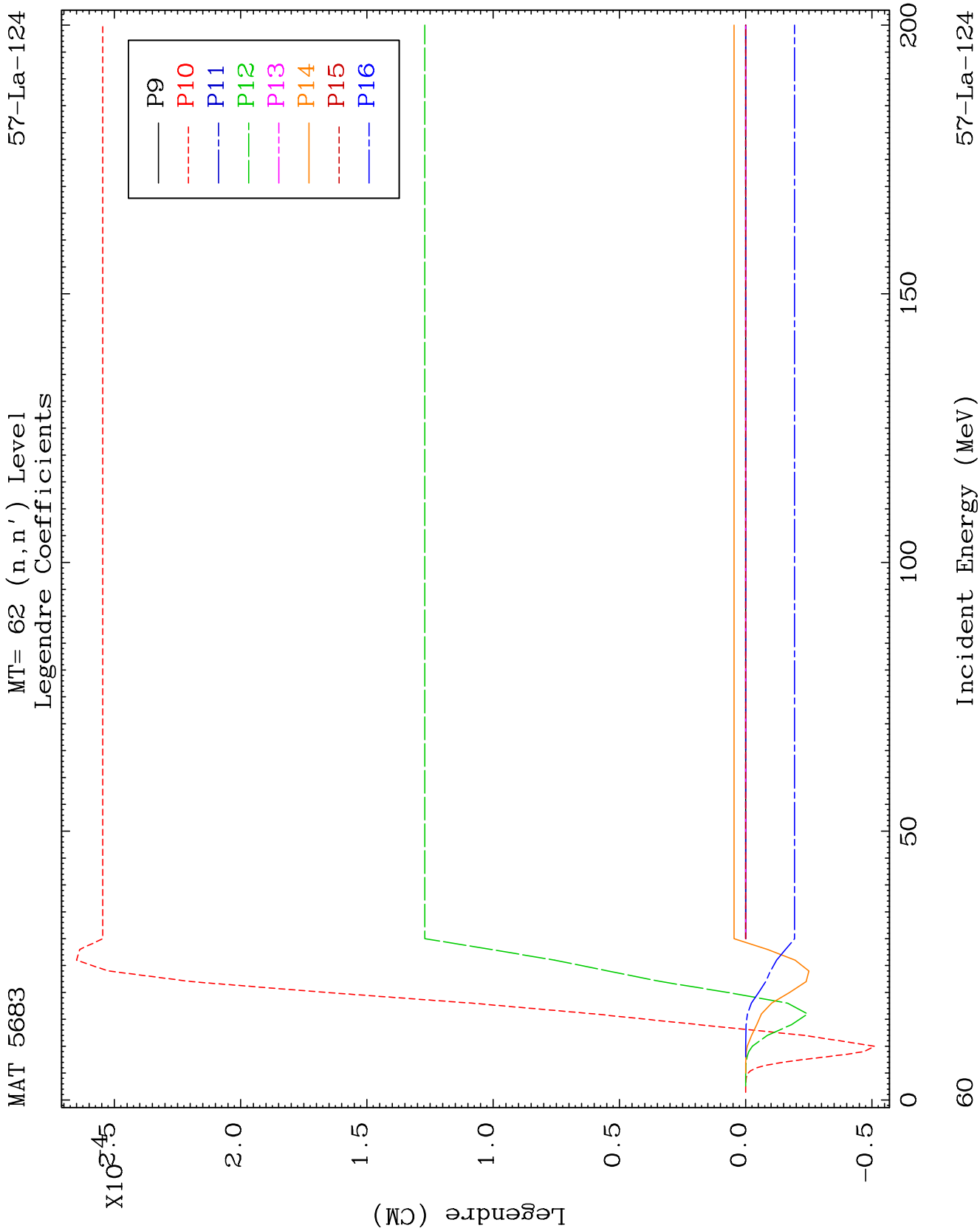


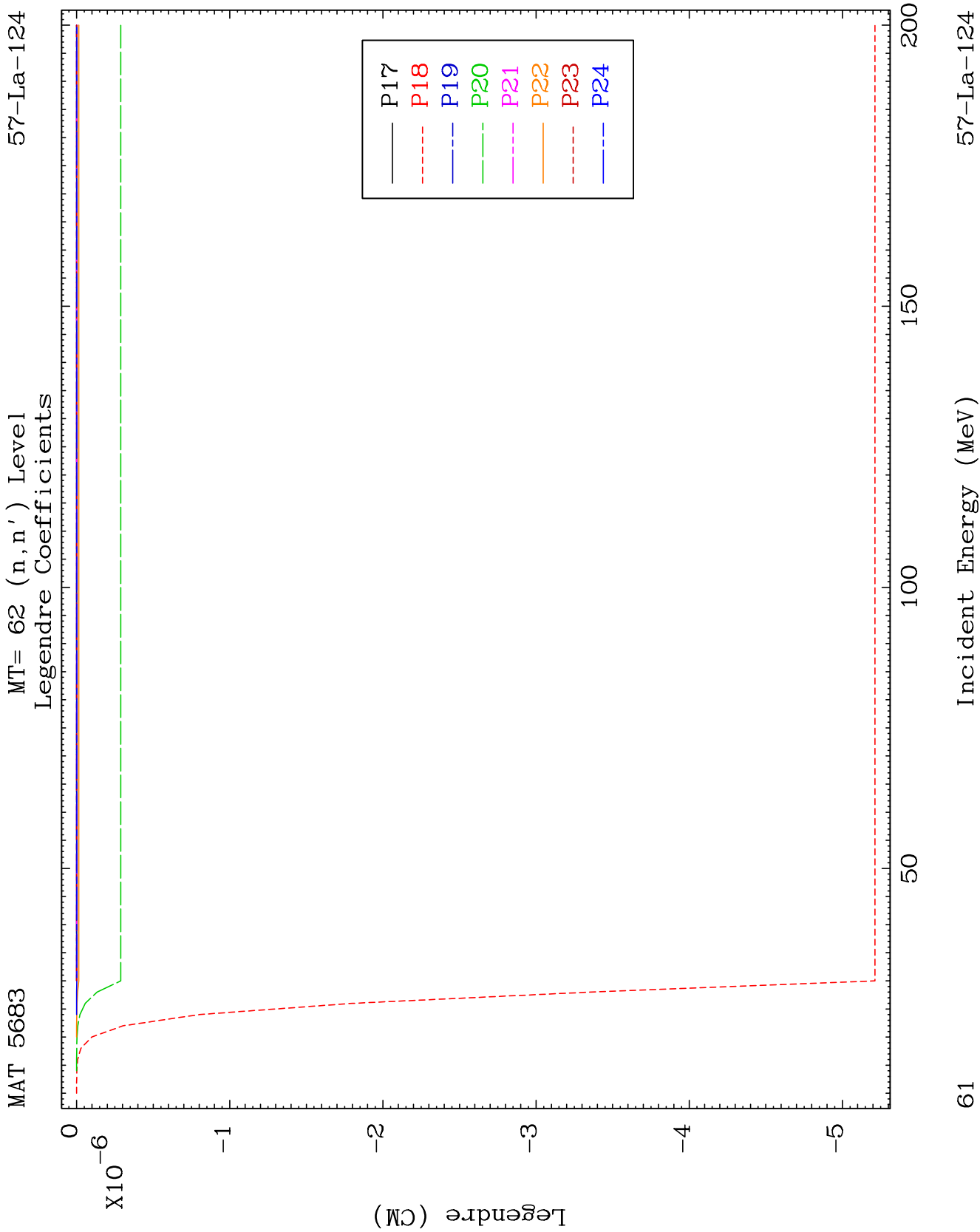
MAT 5683

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

57-La-124



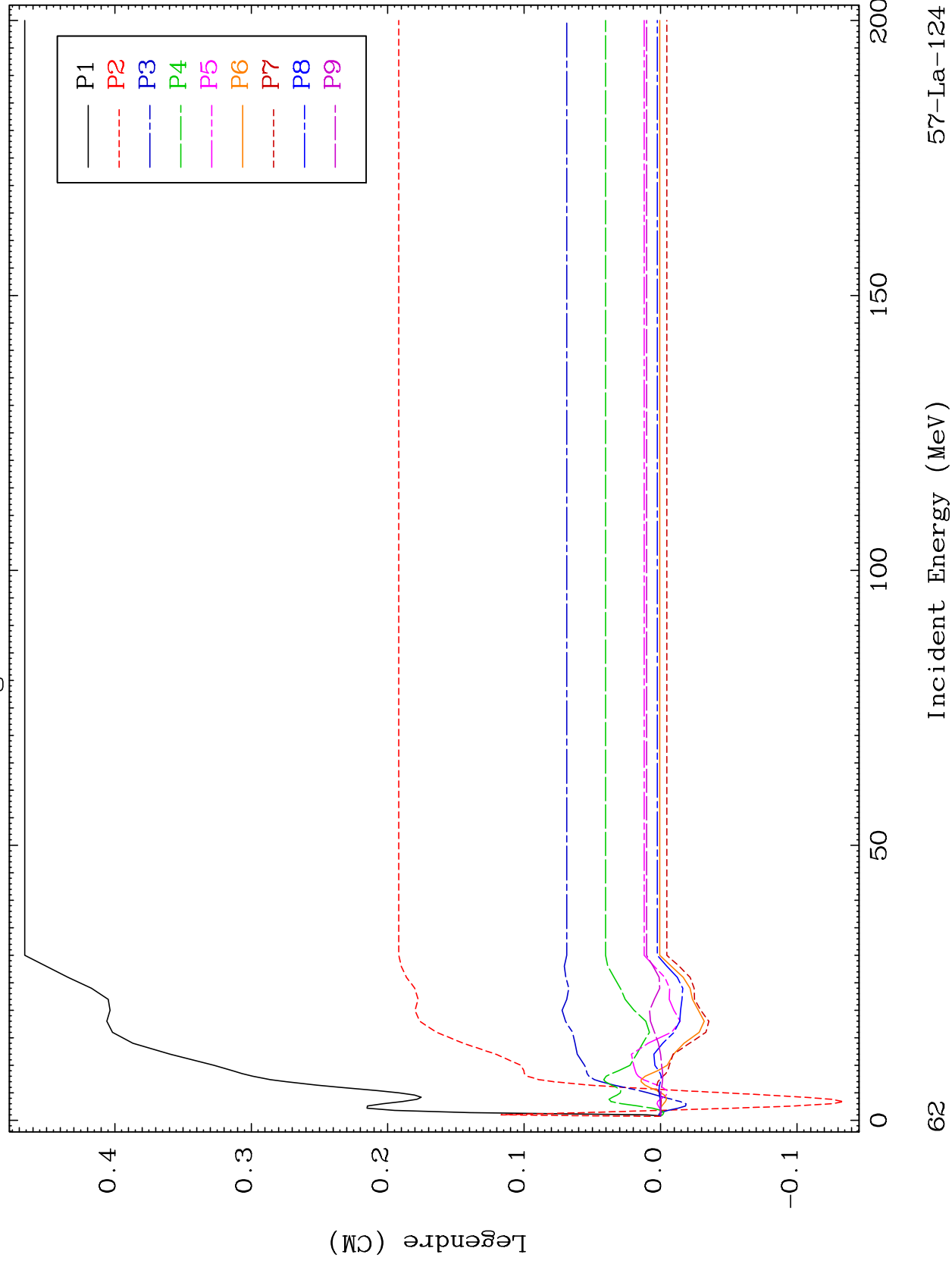




MAT 5683

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

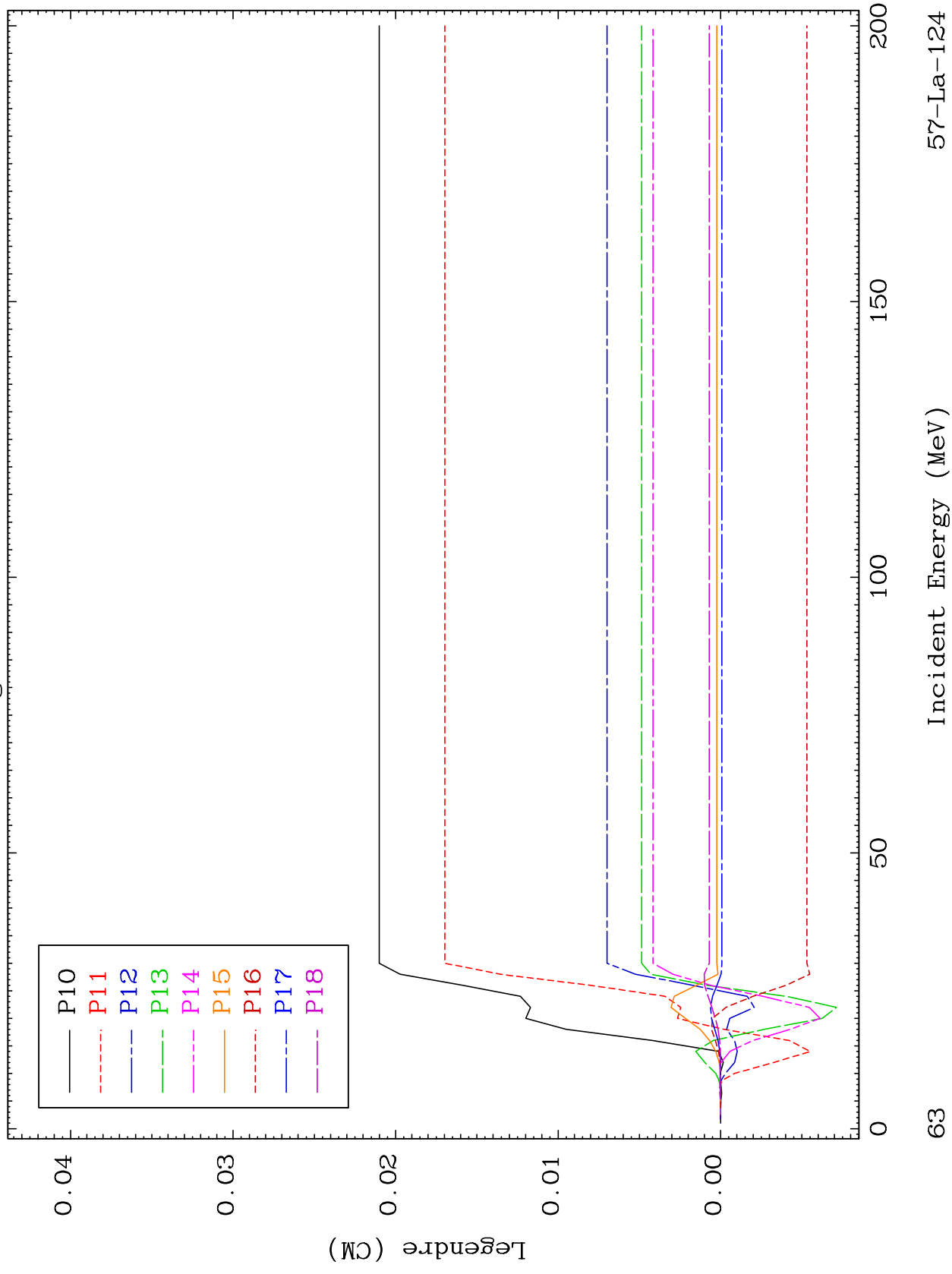
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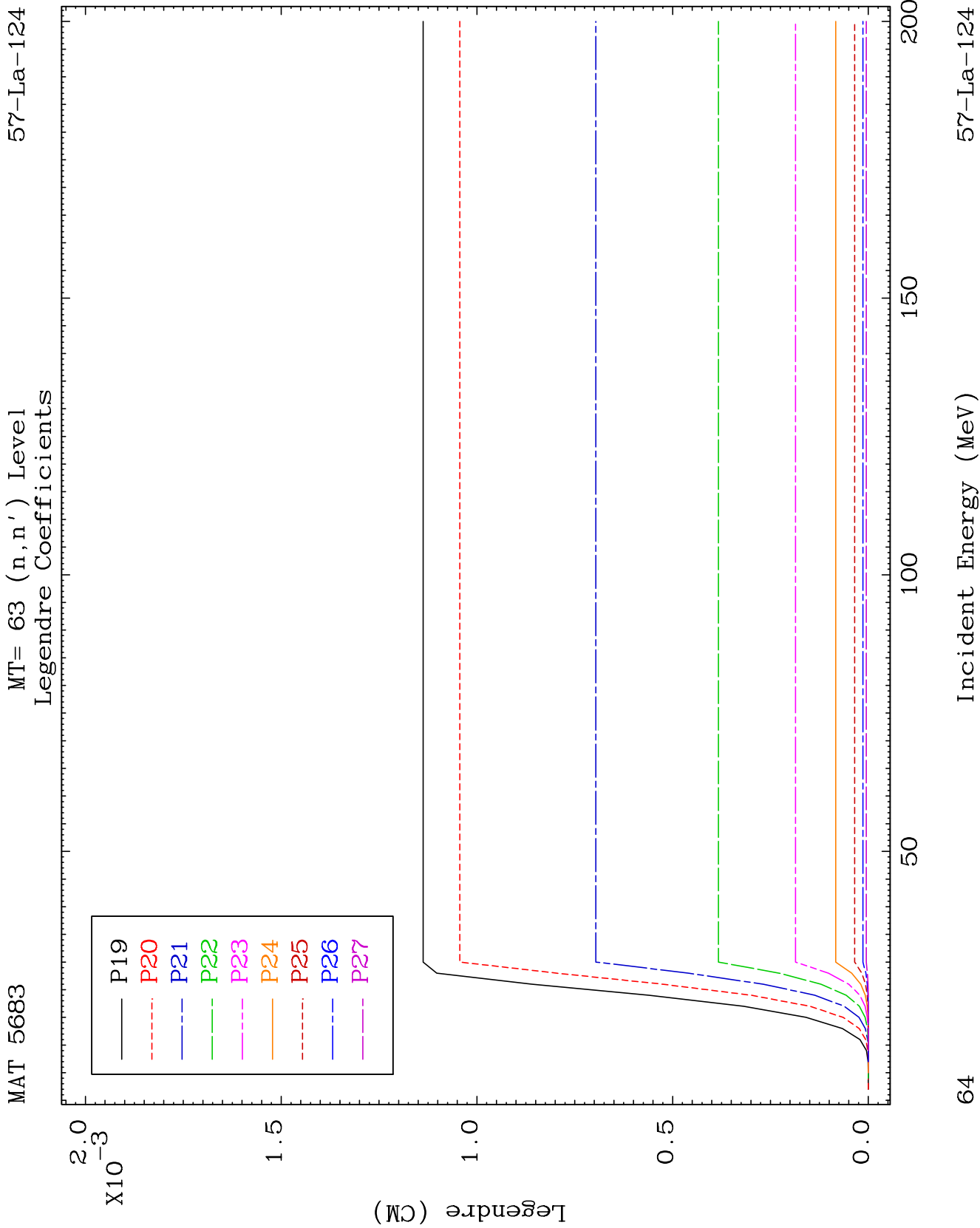


MAT 5683

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

57-La-124

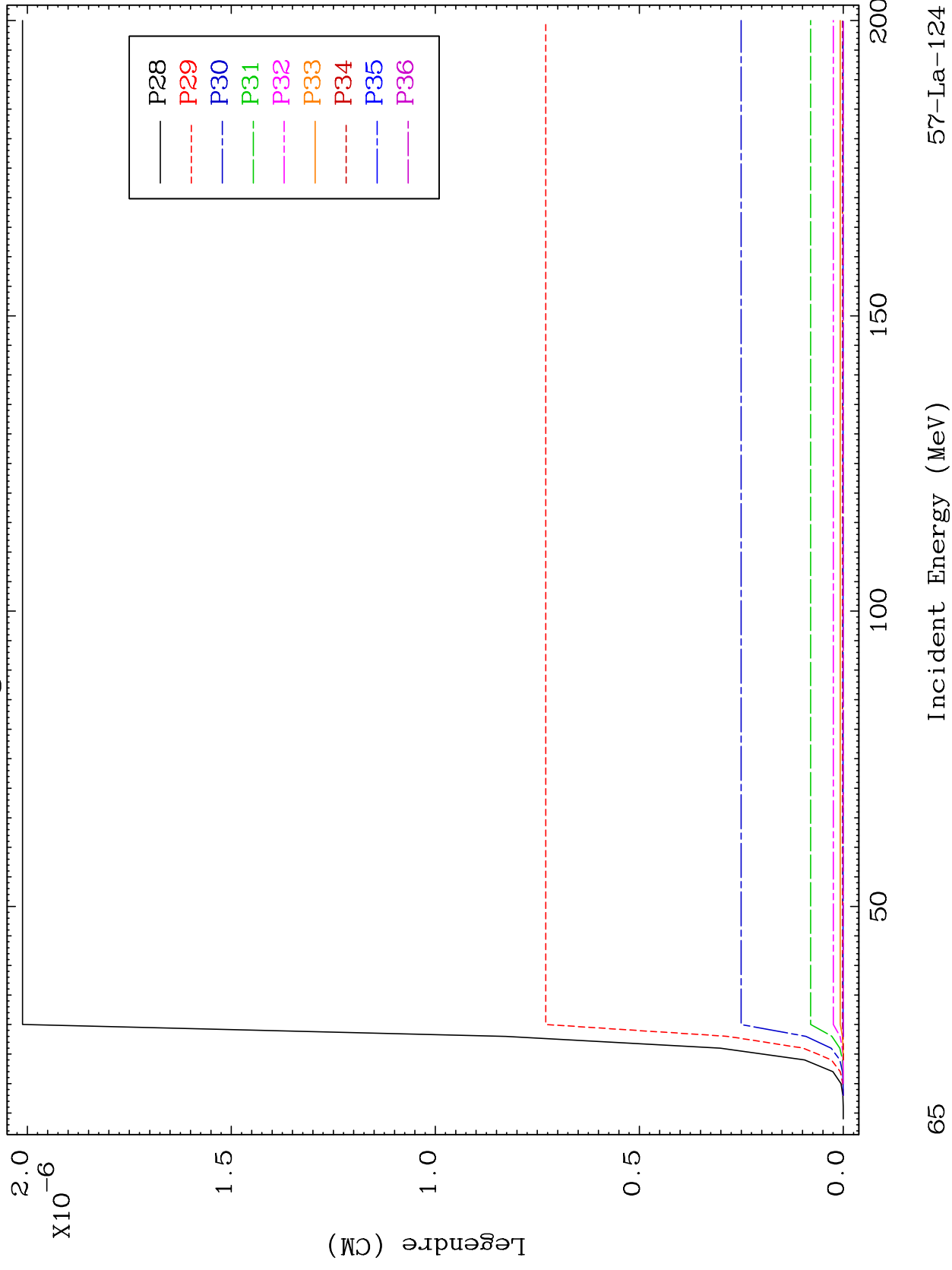




MAT 5683

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

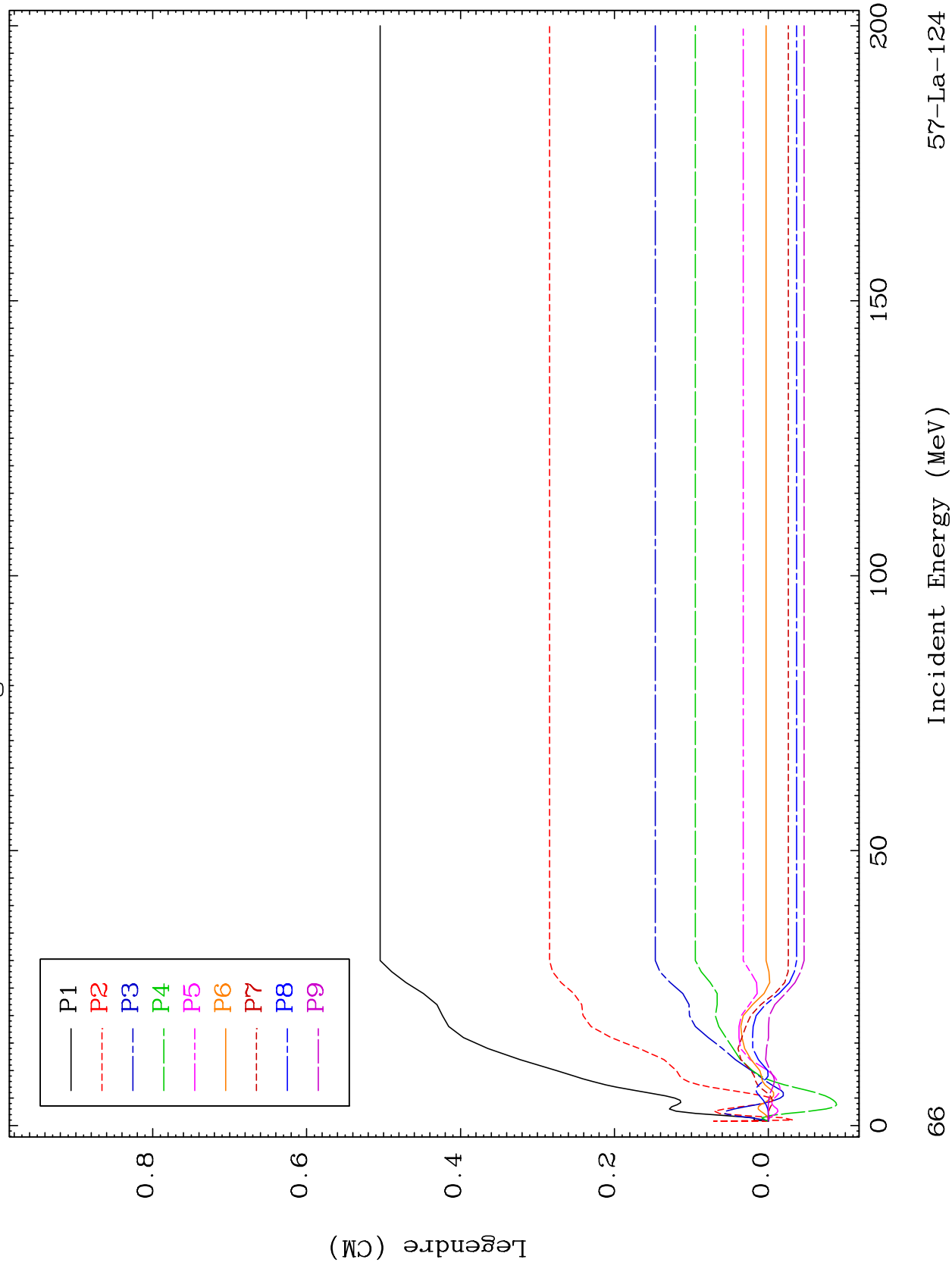
57-La-124

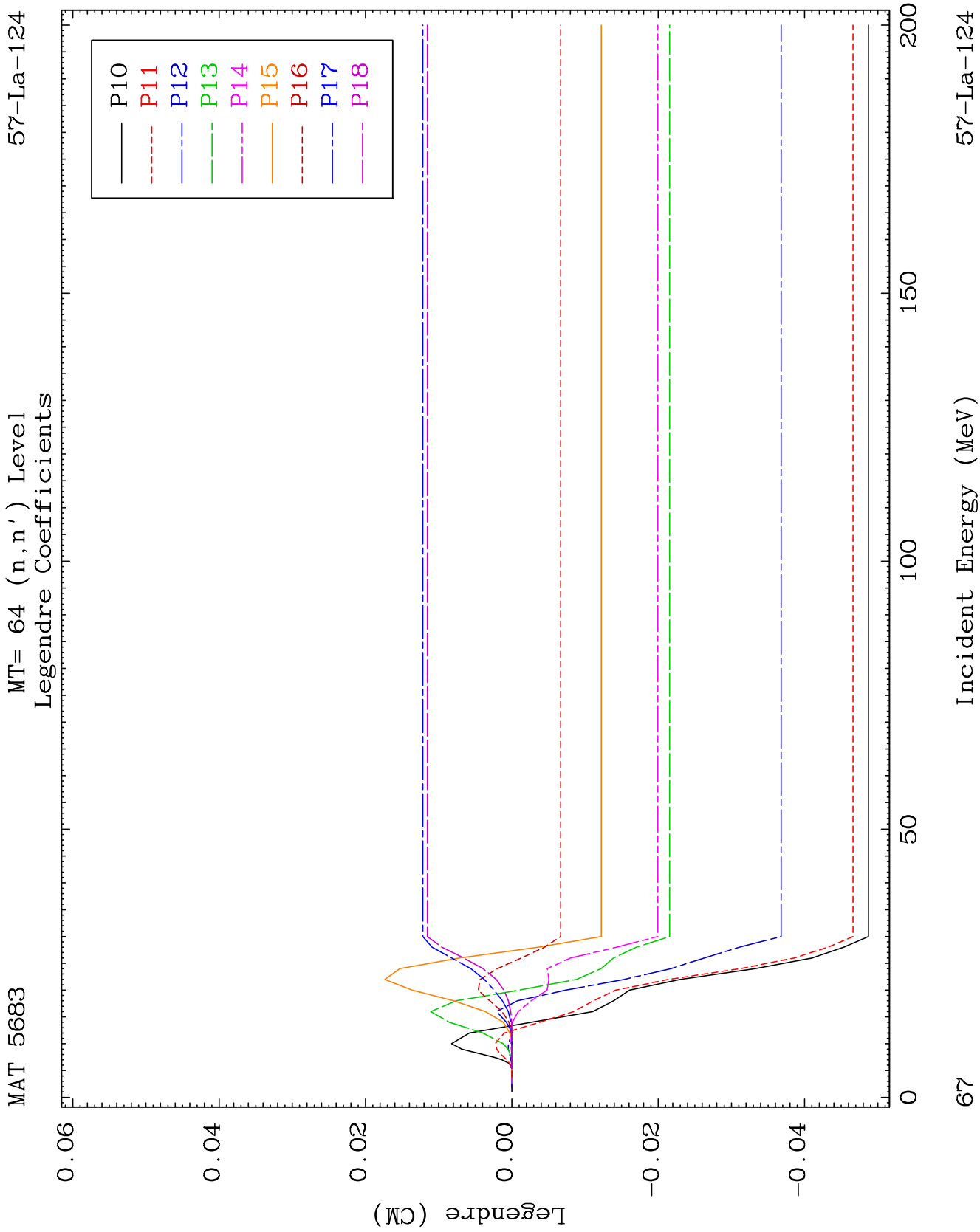


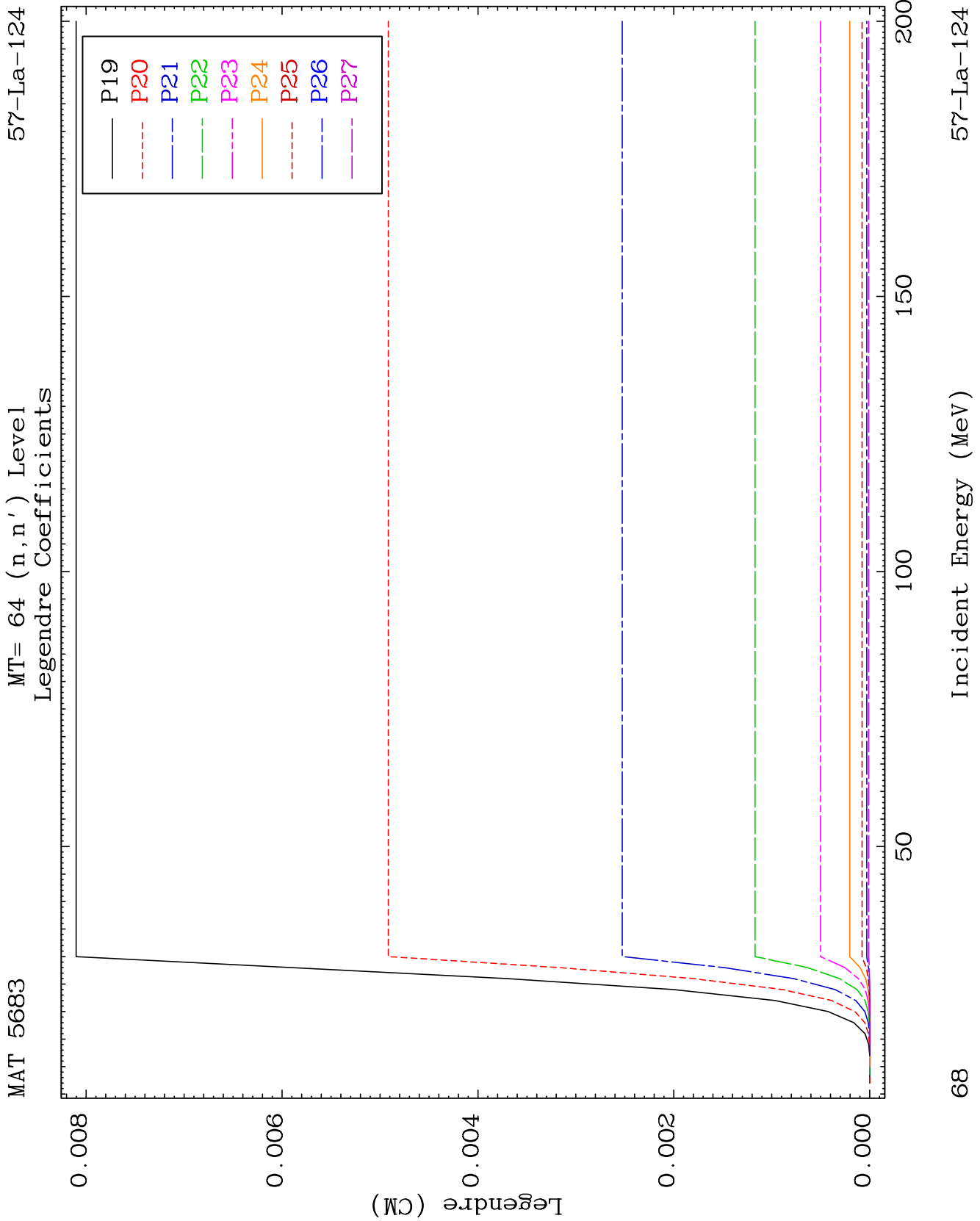
MAT 5683

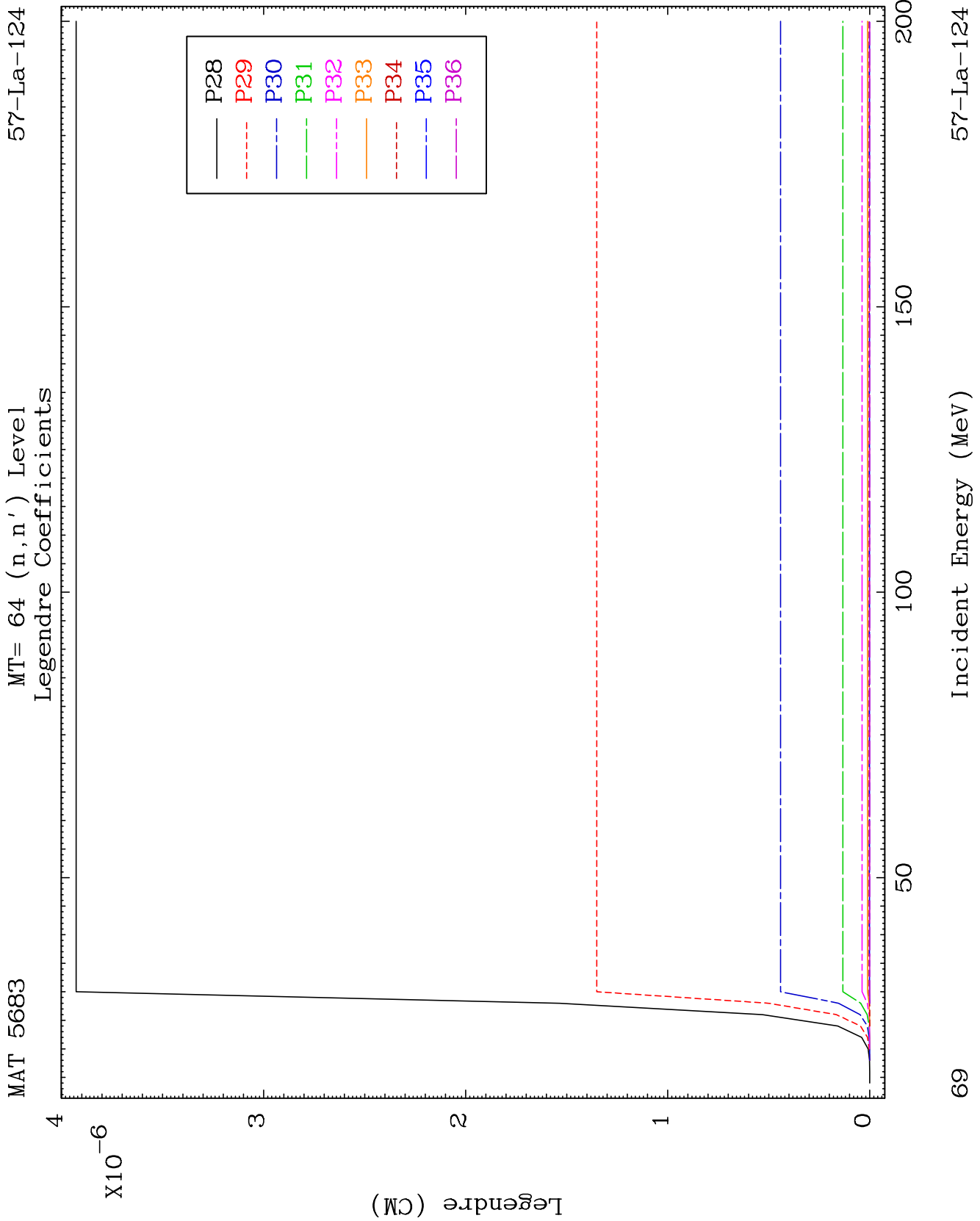
MT= 64 (n, n') Level
Legendre Coefficients

57-La-124





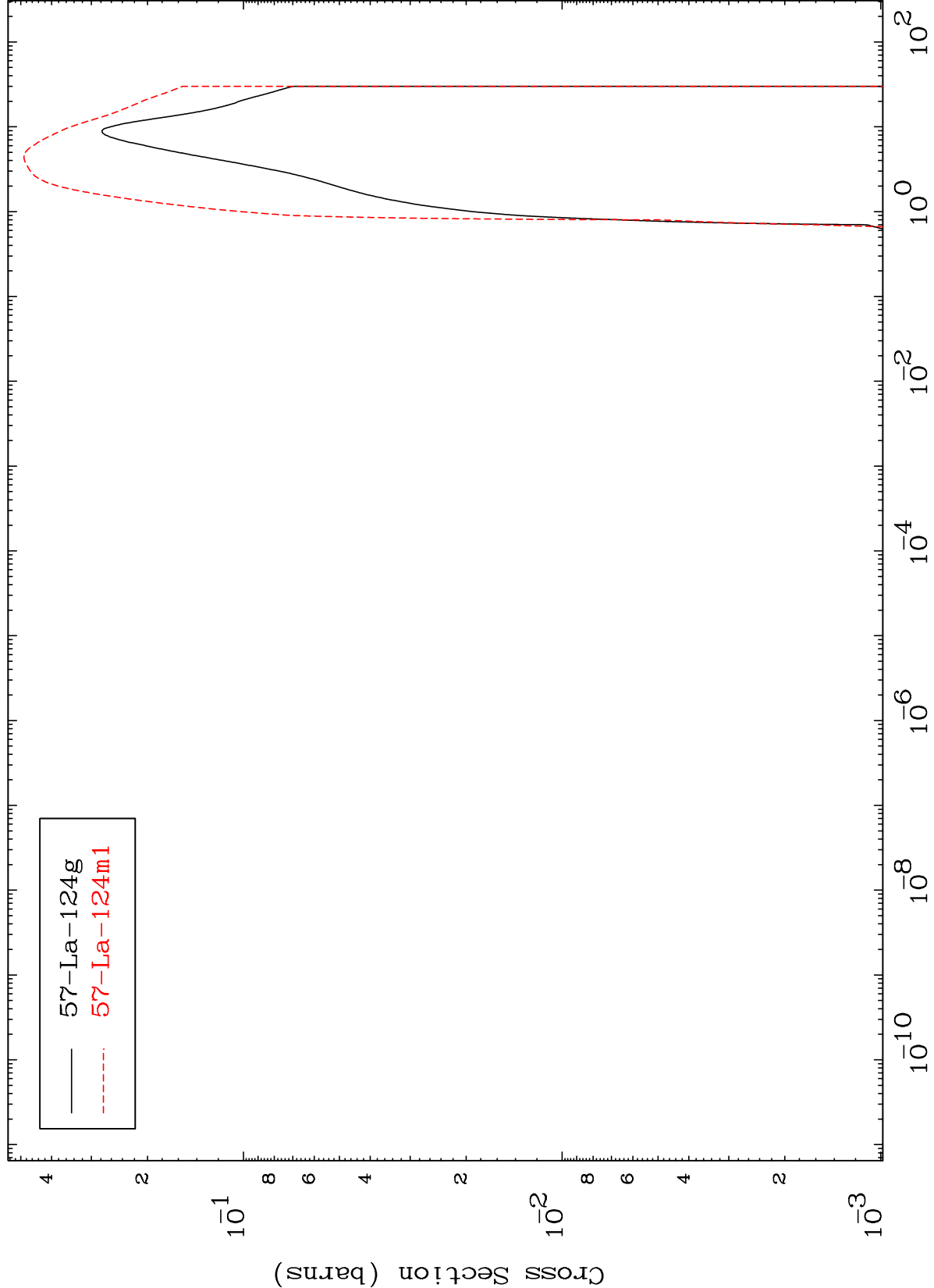




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Radionuclide Production Cross Section

57-La-124



70

Incident Energy (MeV)

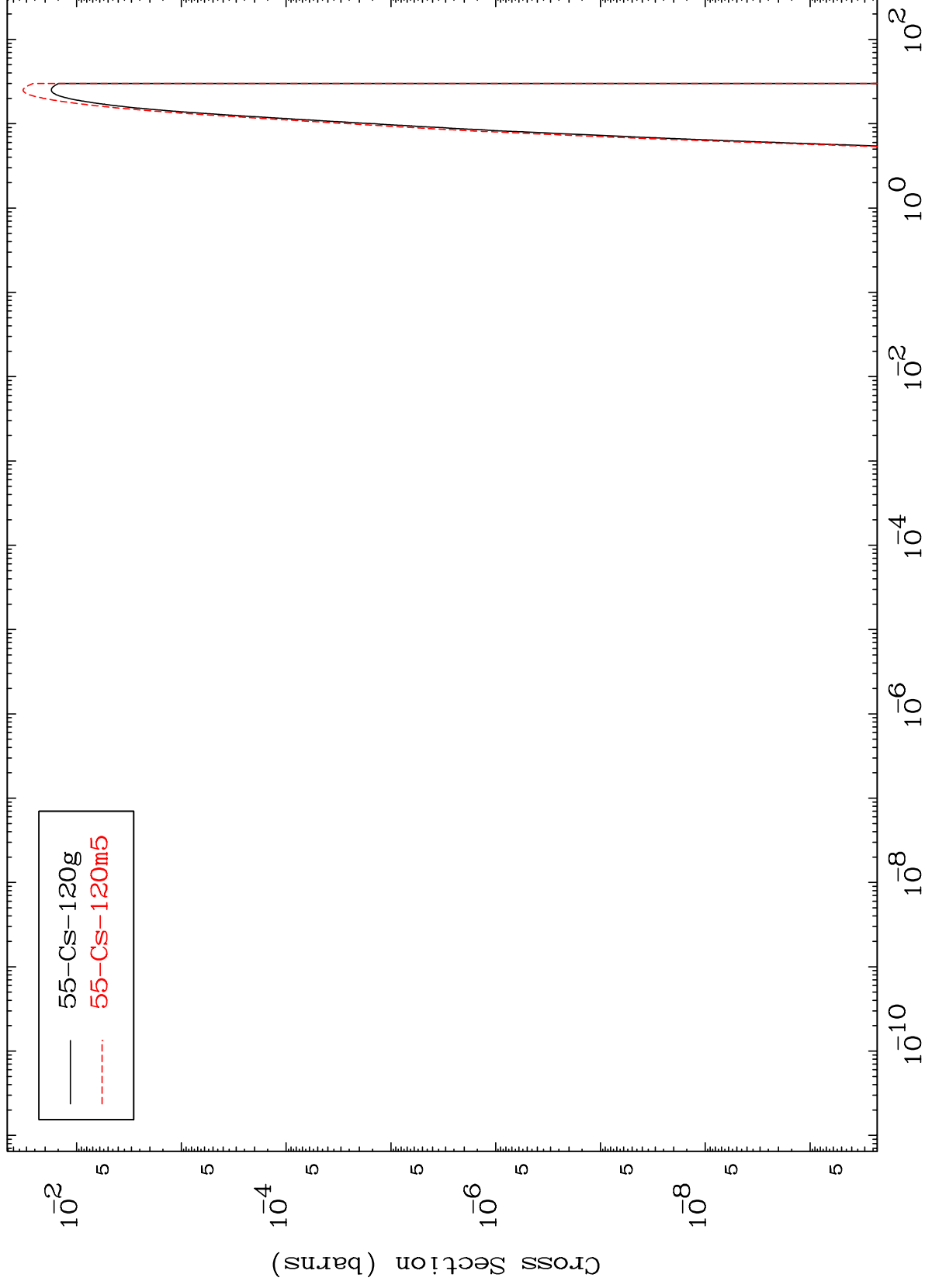
57-La-124

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$(n,n') \alpha$

57-La-124

Radionuclide Production Cross Section



71

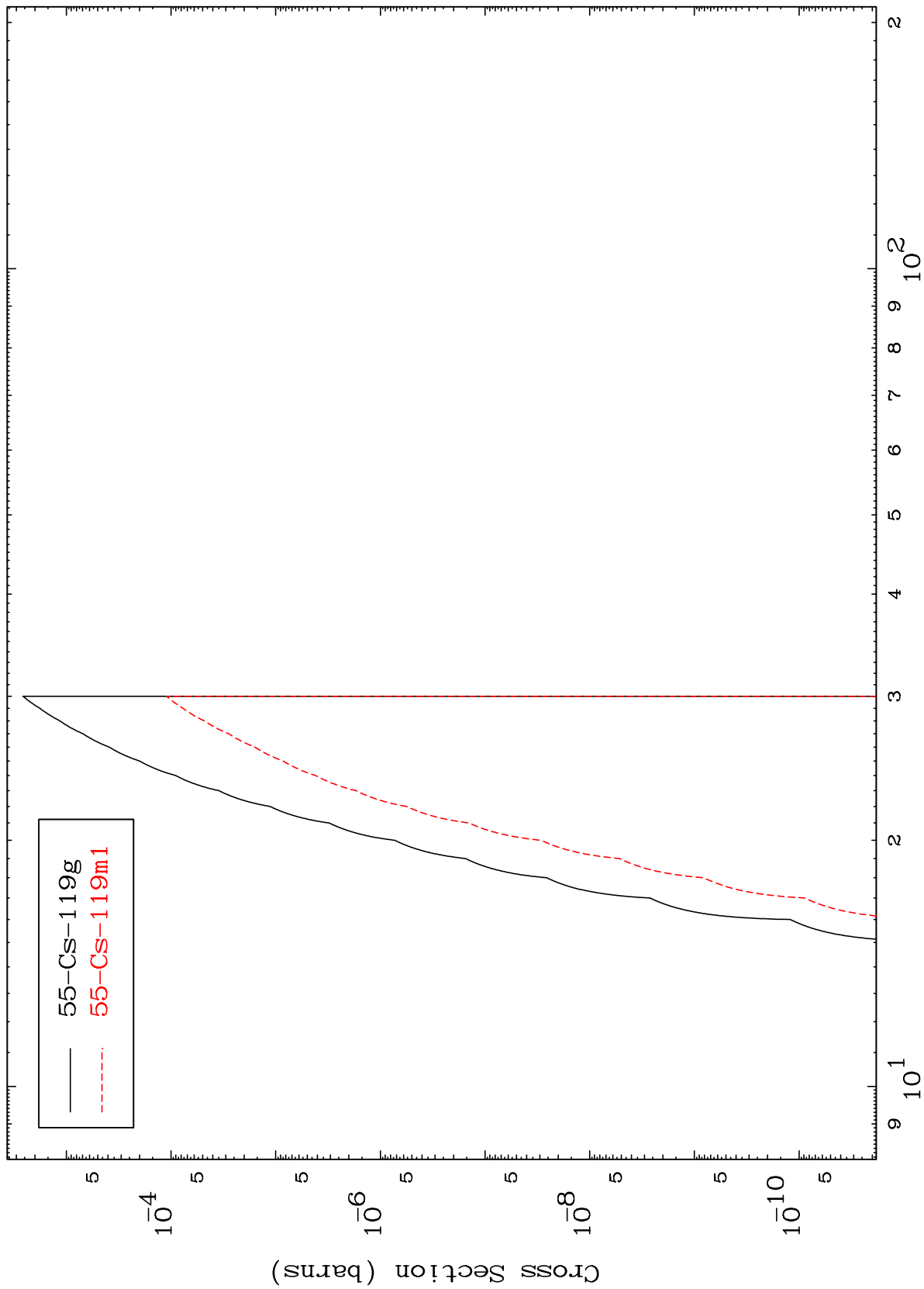
Incident Energy (MeV)

57-La-124

MAT 5683

57-La-124

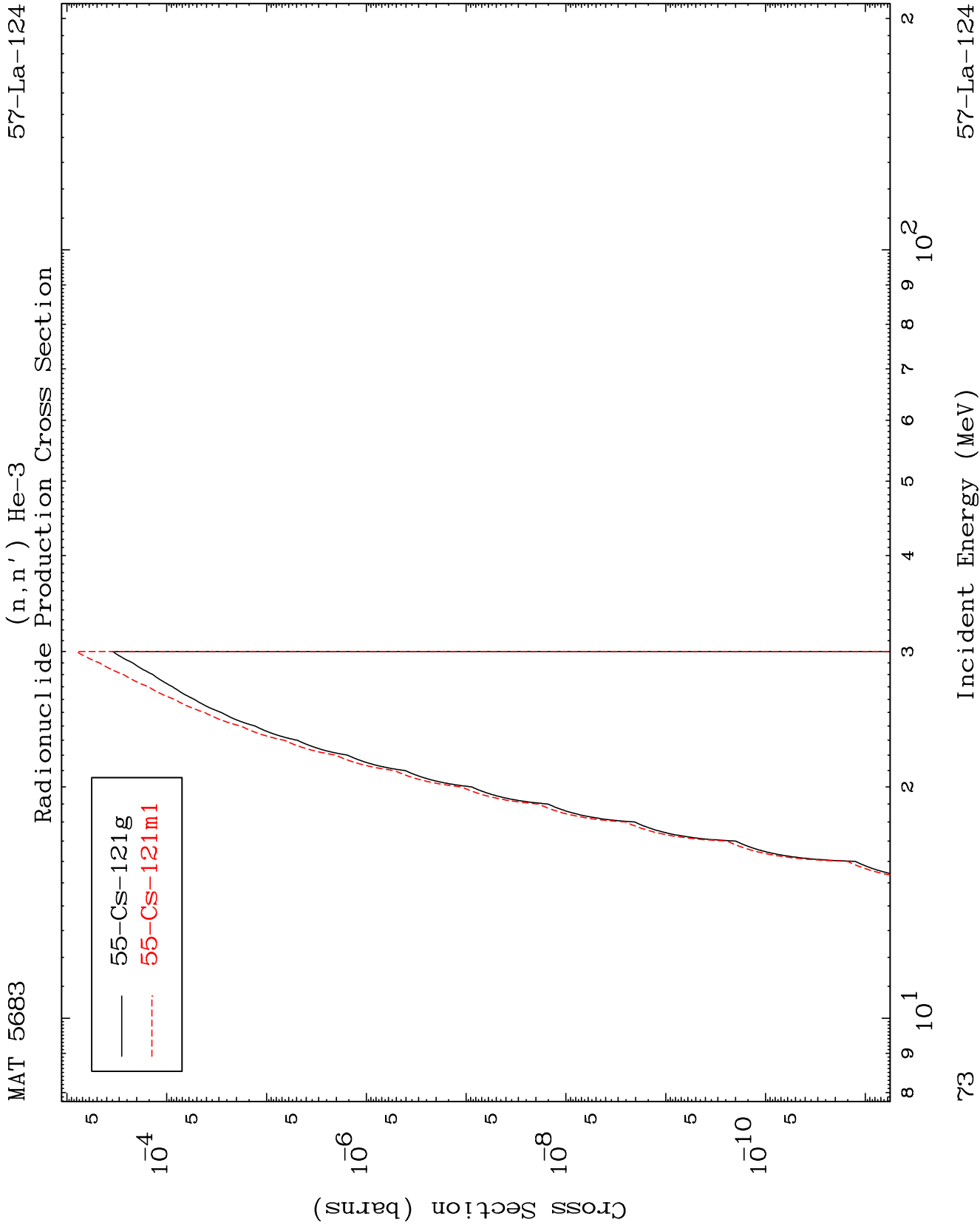
(n,2n) α
Radionuclide Production Cross Section



72

Incident Energy (MeV)

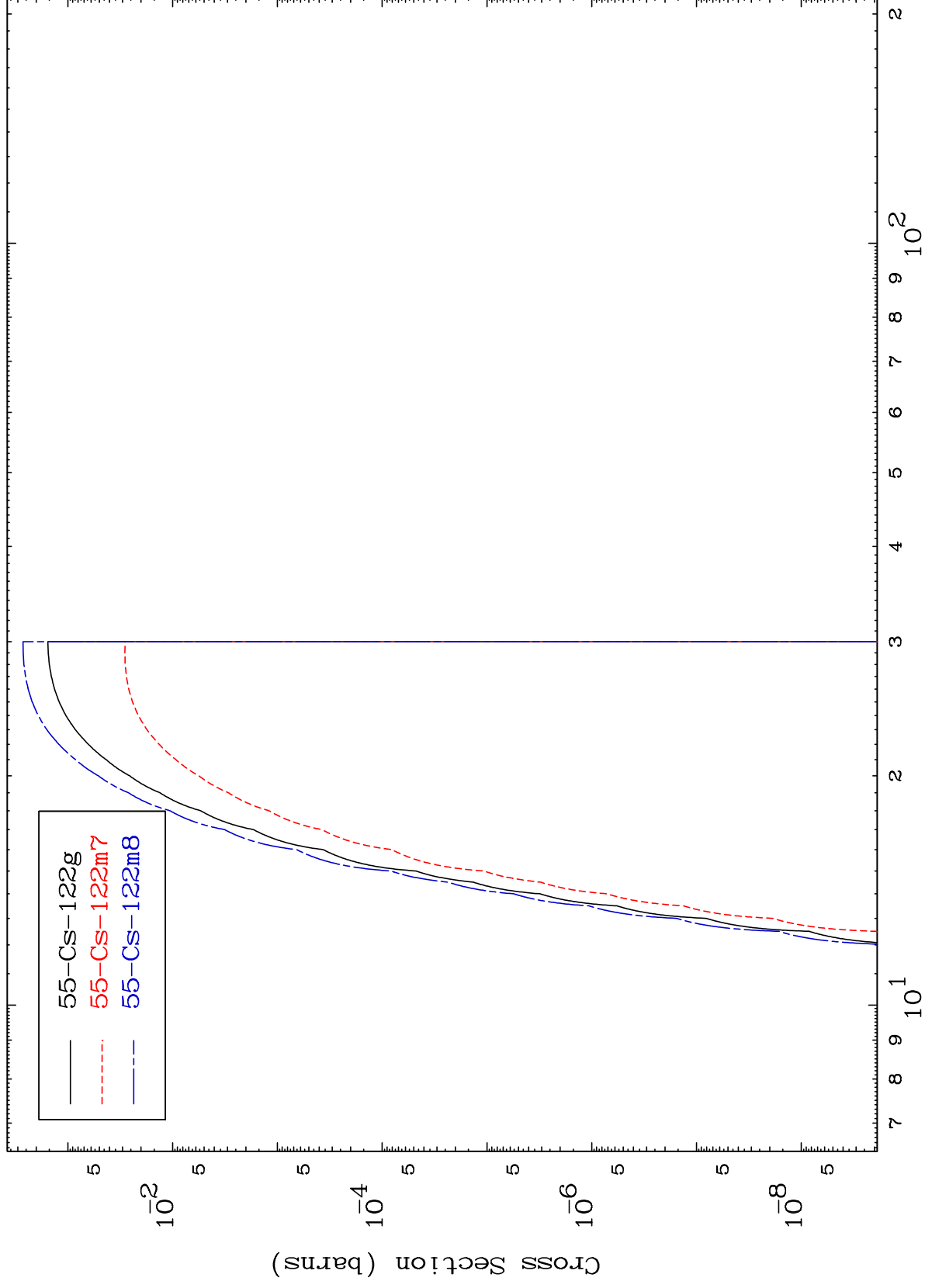
57-La-124



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57-La-124

(n,2n) p
Radionuclide Production Cross Section



57-La-124

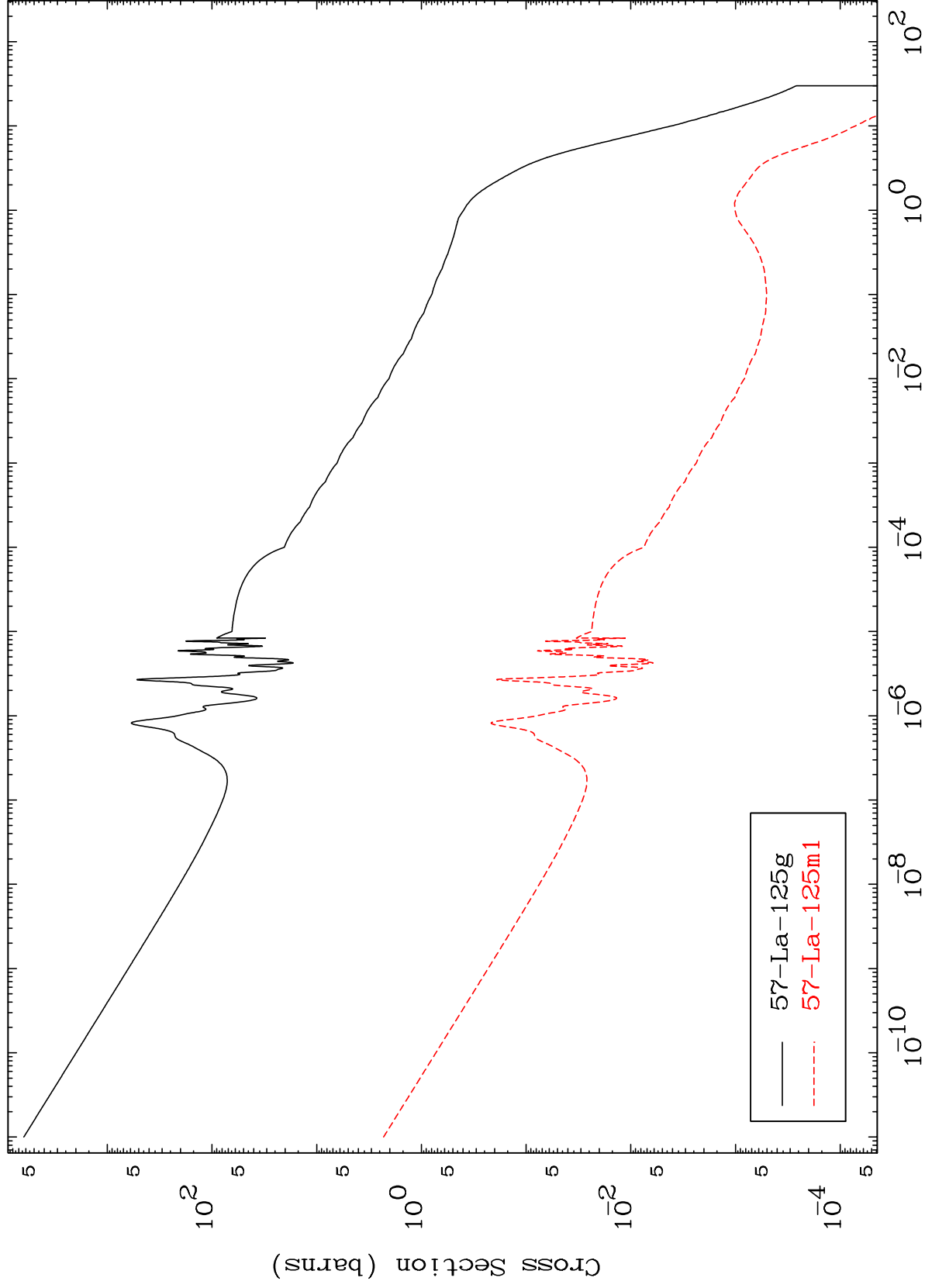
Incident Energy (MeV)

74

MAT 5683

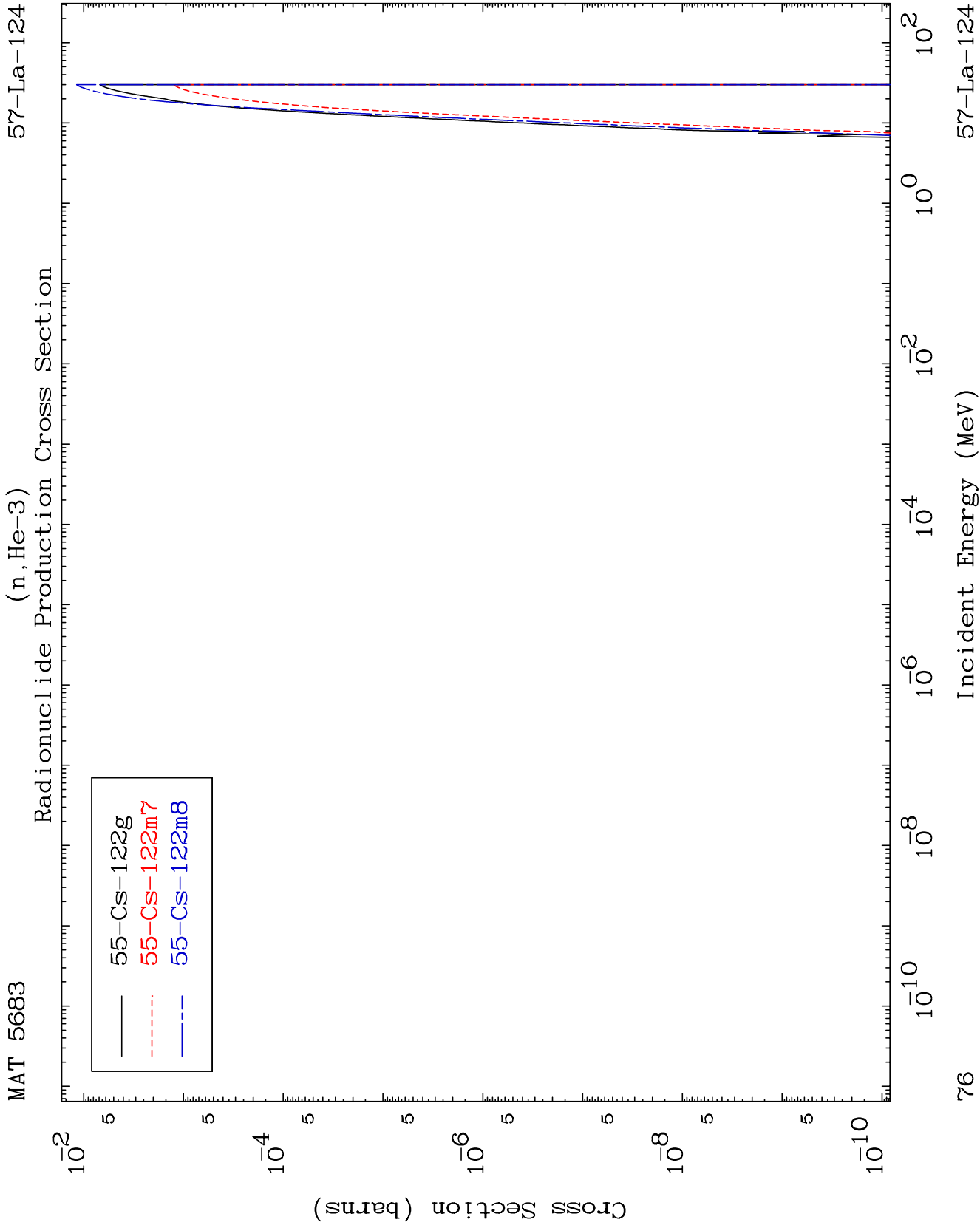
57-La-124

Radionuclide Production Cross Section
(n, γ)



75

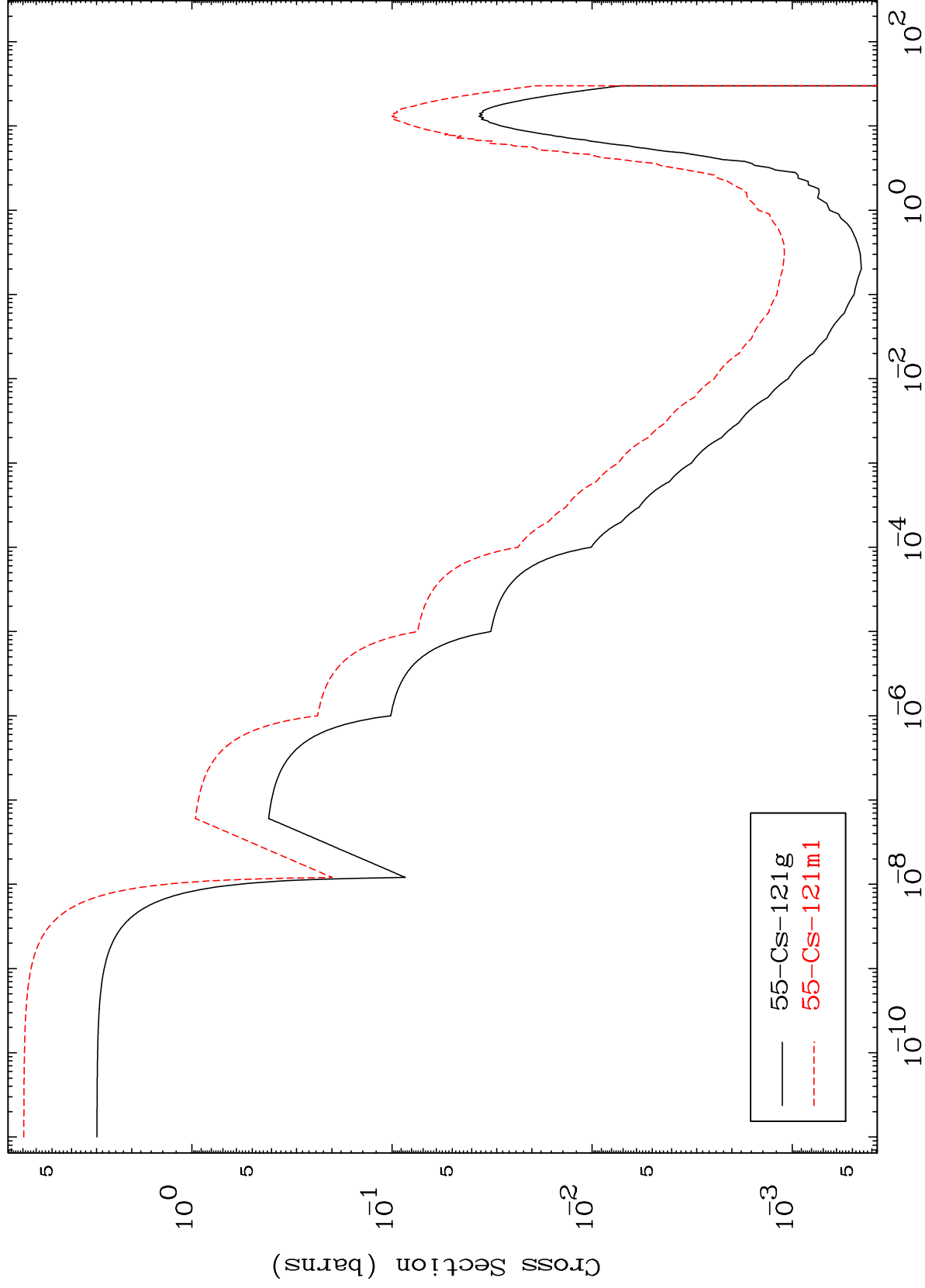
57-La-124



MAT 5683

57-La-124

(n, α)
Radionuclide Production Cross Section



77

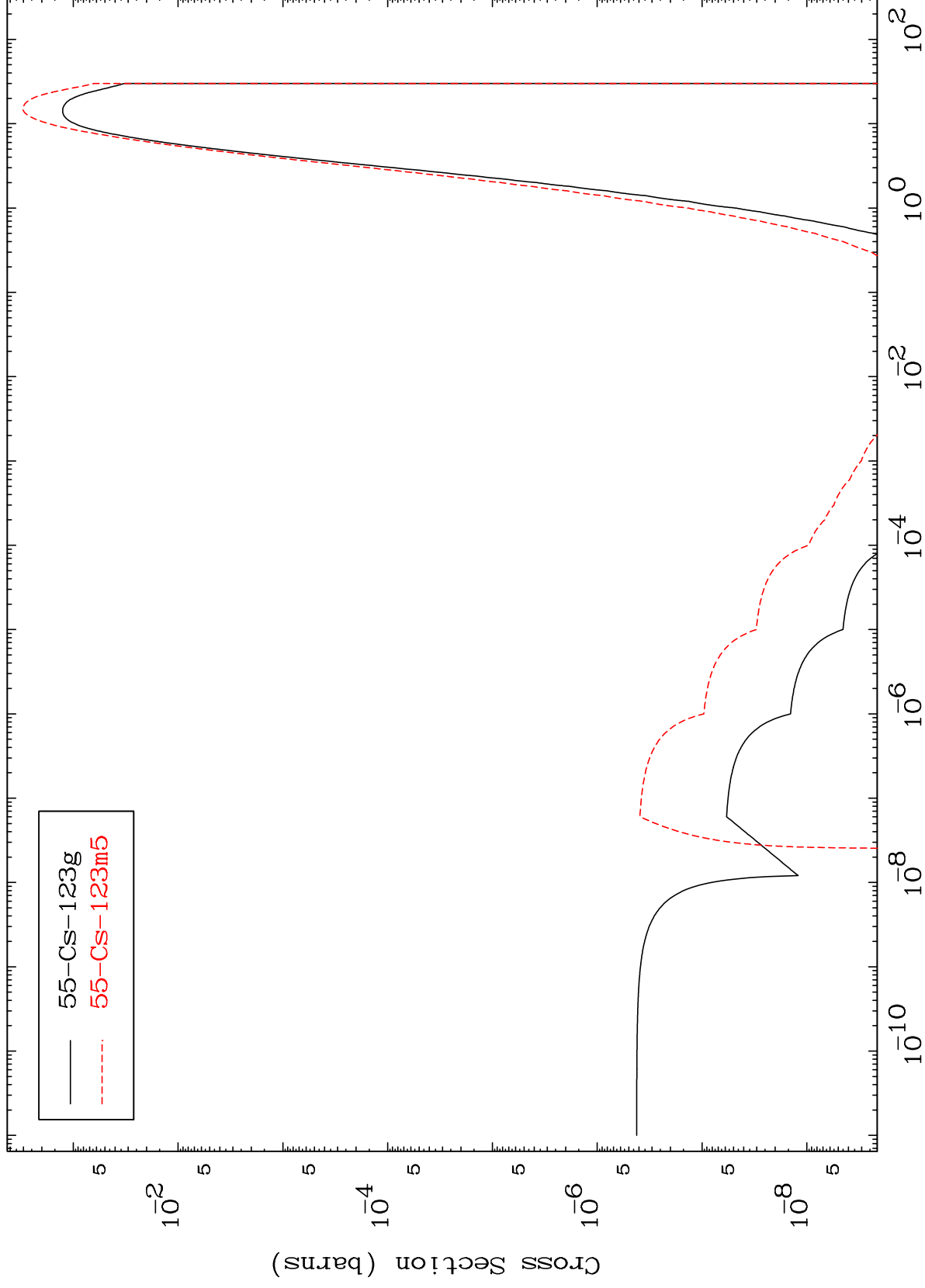
57-La-124

MAT 5683

(n,2p)

57-La-124

Radionuclide Production Cross Section



78

Incident Energy (MeV)

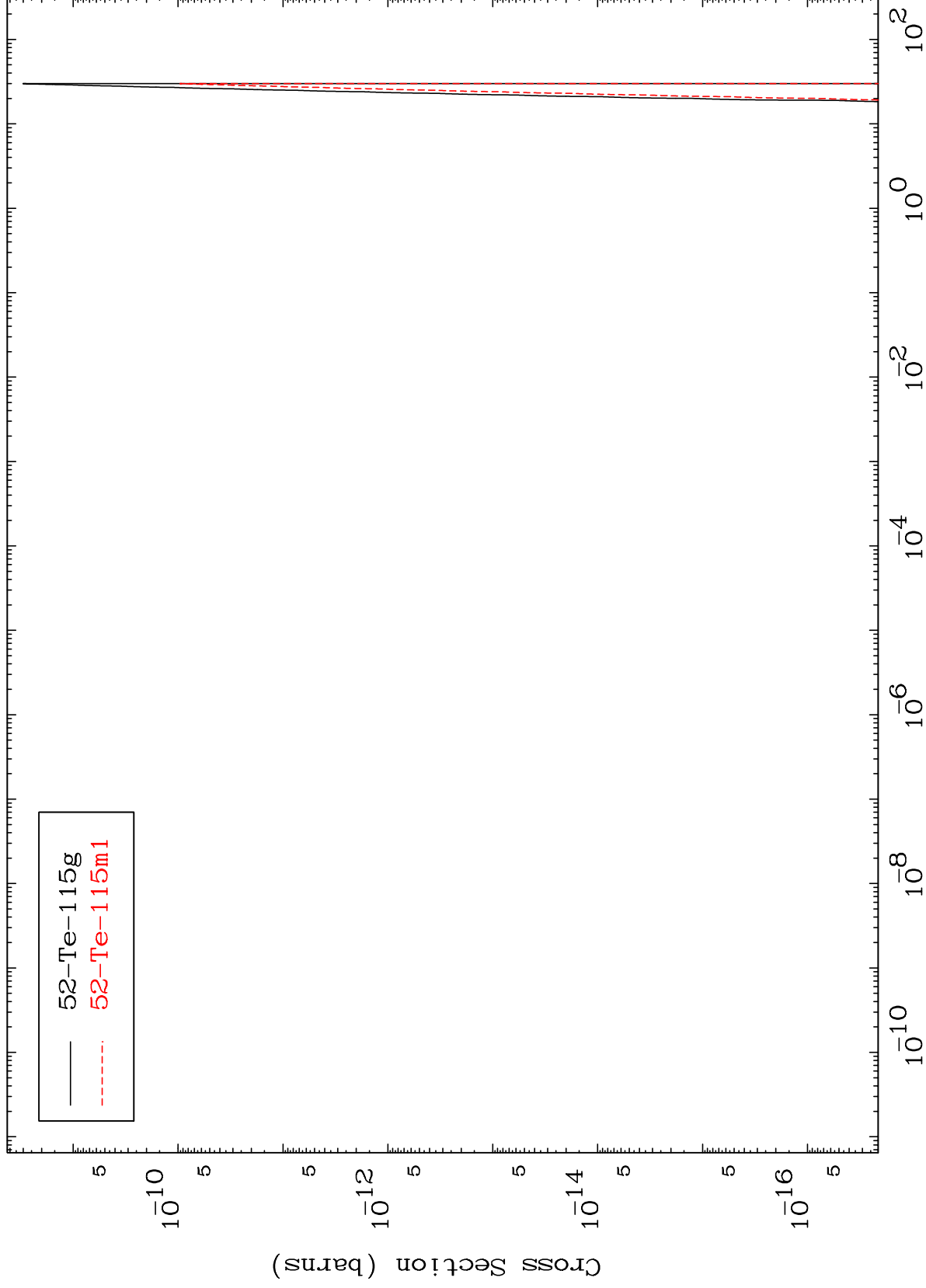
57-La-124

MAT 5683

(n,d) 2α

57-La-124

Radionuclide Production Cross Section



79

Incident Energy (MeV)

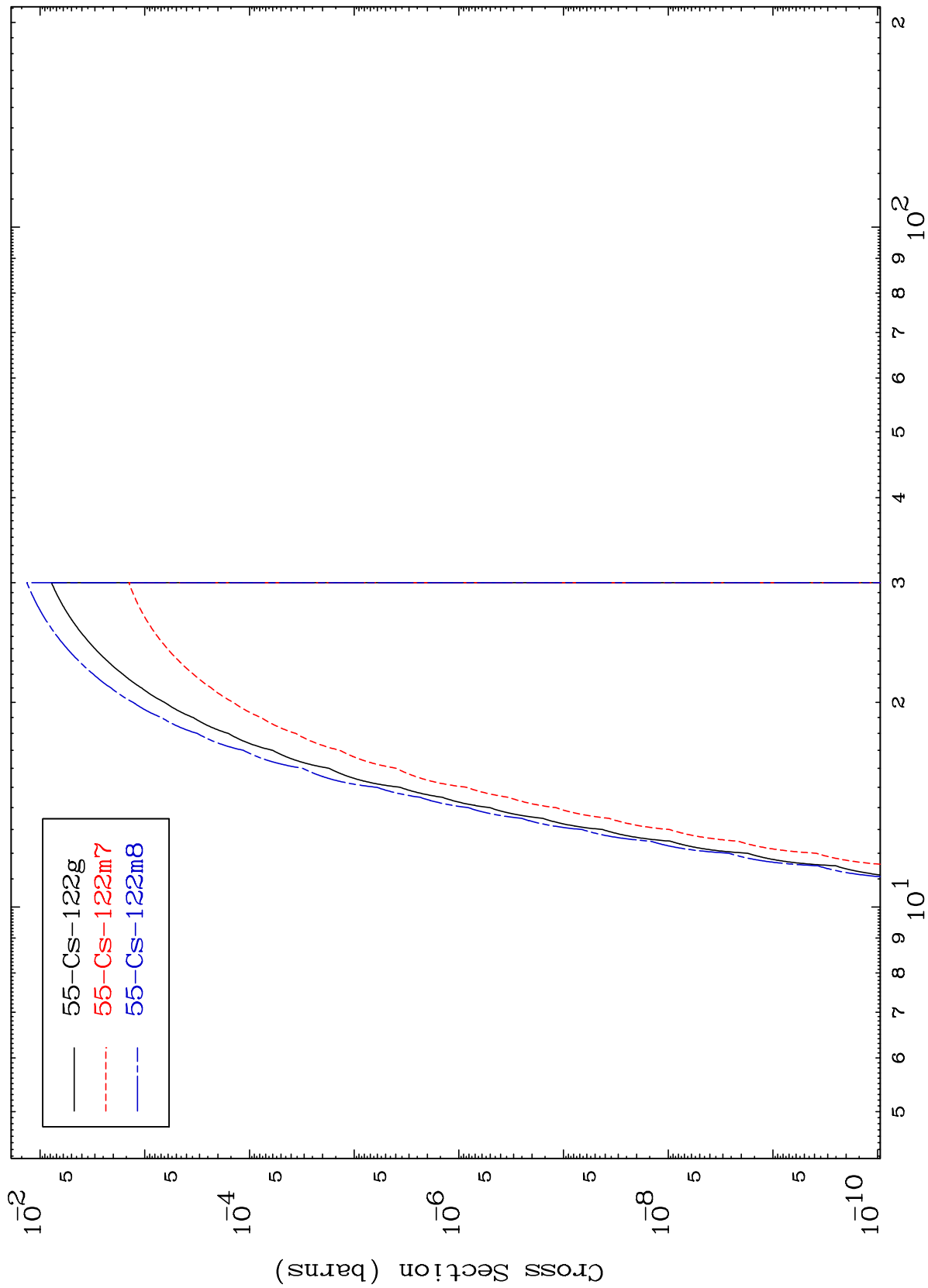
57-La-124

MAT 5683

(n,p) d

57-La-124

Radionuclide Production Cross Section



80

Incident Energy (MeV)

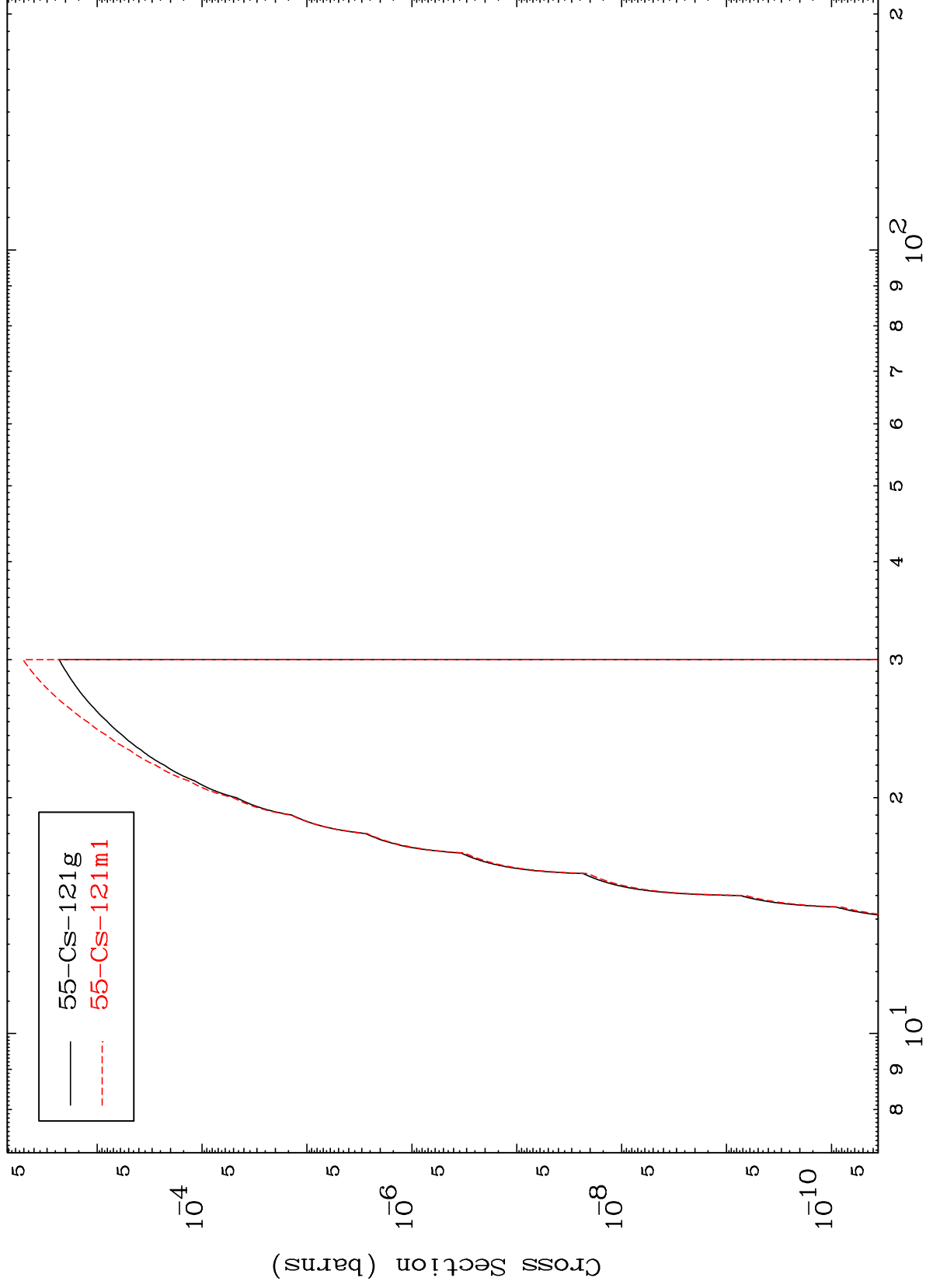
57-La-124

MAT 5683

(n,p) t

57-La-124

Radionuclide Production Cross Section



81

Incident Energy (MeV)

57-La-124