

Program EVALPLOT
(Version 2018-1)

by

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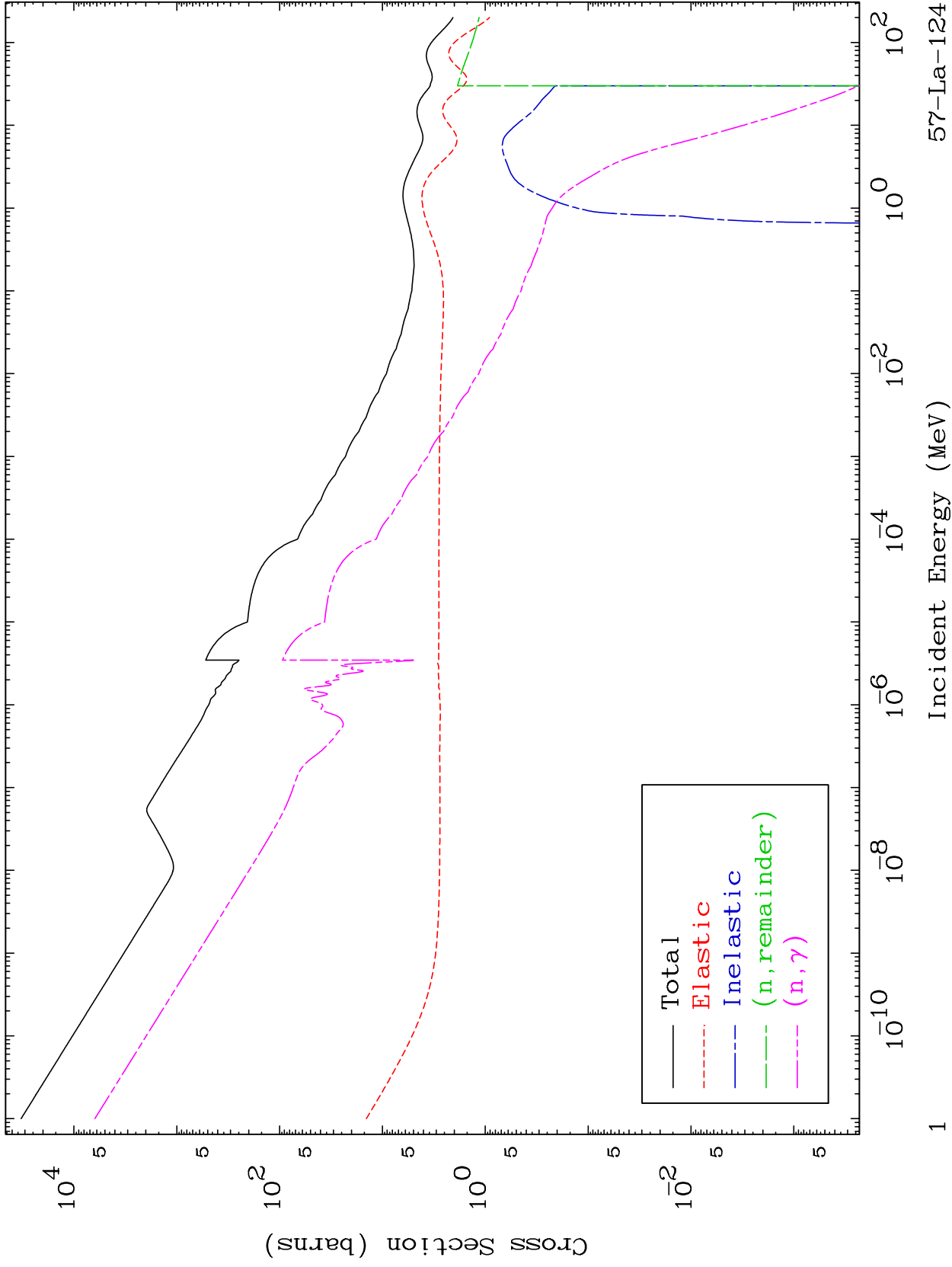
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Press Mouse Button to Start

MAT 5683

Major
293 Kelvin Cross Sections

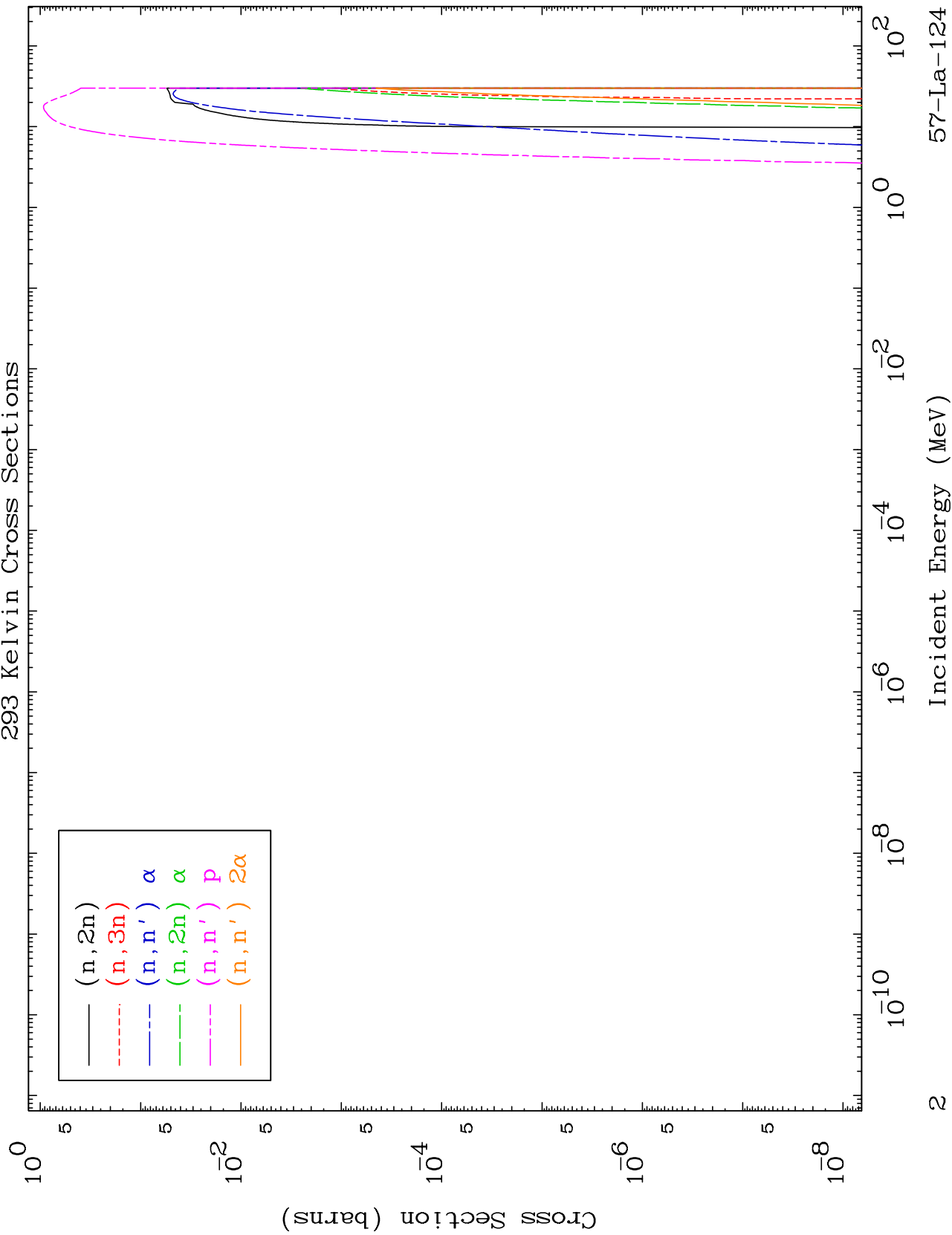
57-La-124

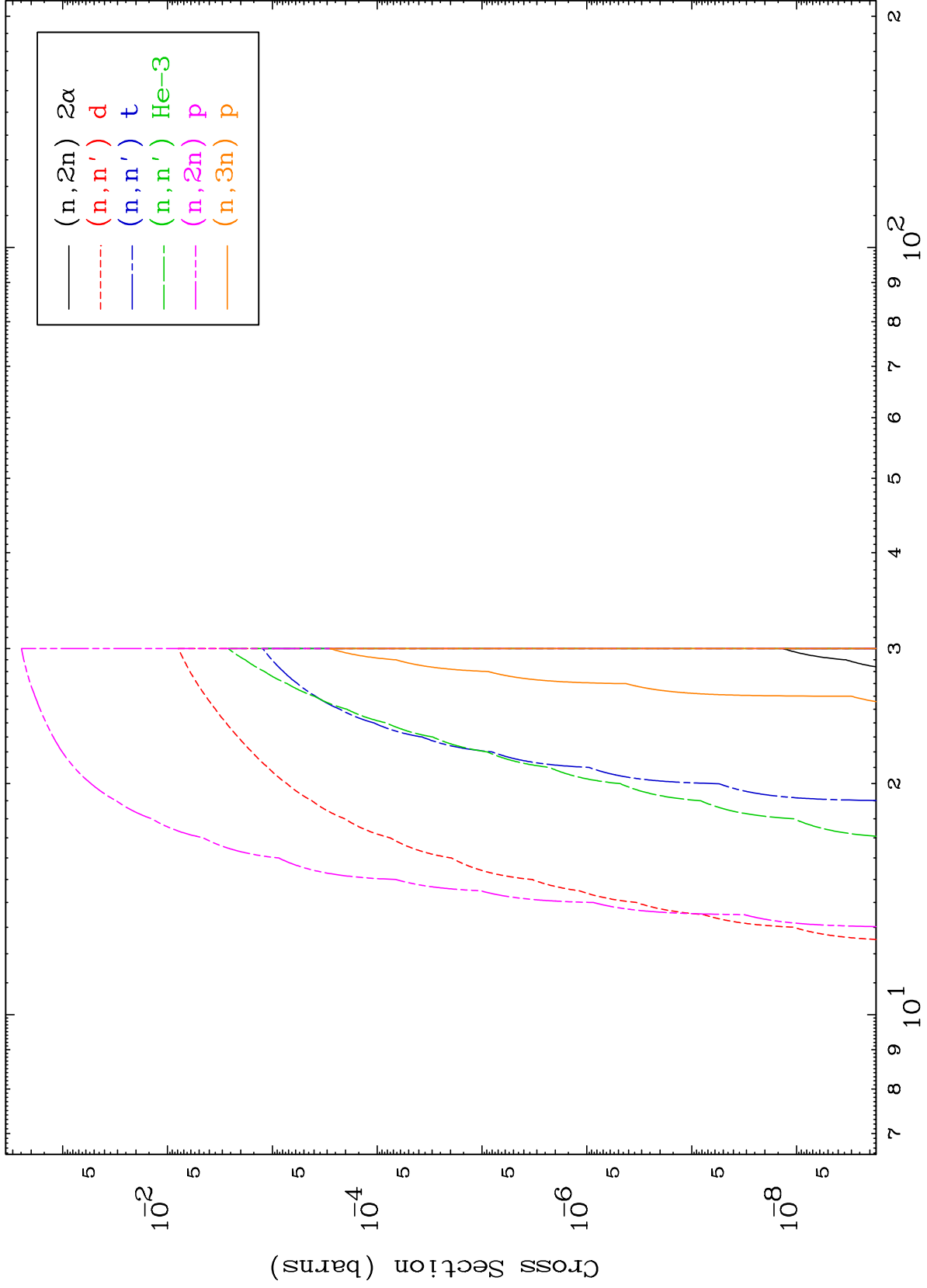


MAT 5683

Neutron Production
293 Kelvin Cross Sections

57-La-124

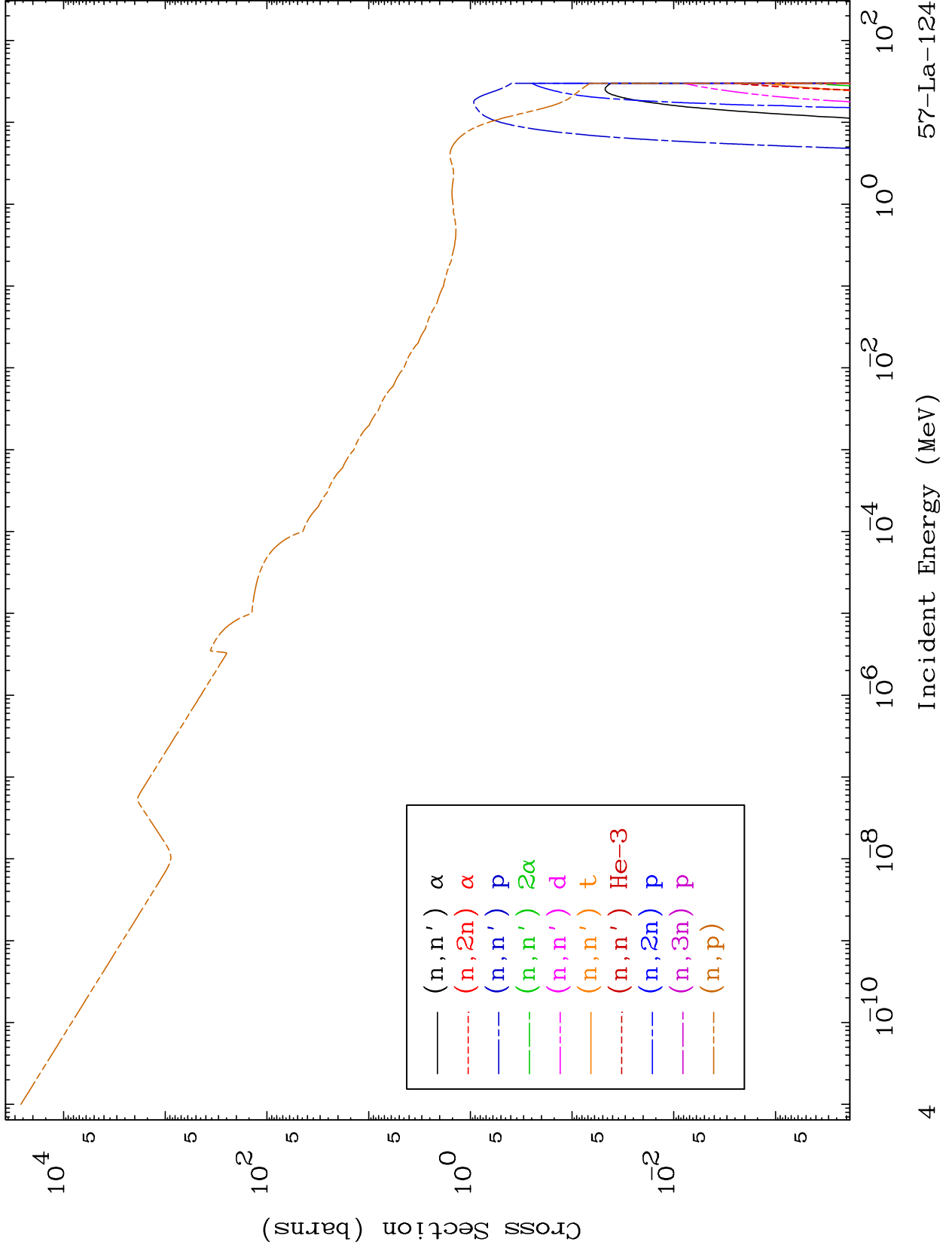




MAT 5683

Charged Particle
293 Kelvin Cross Sections

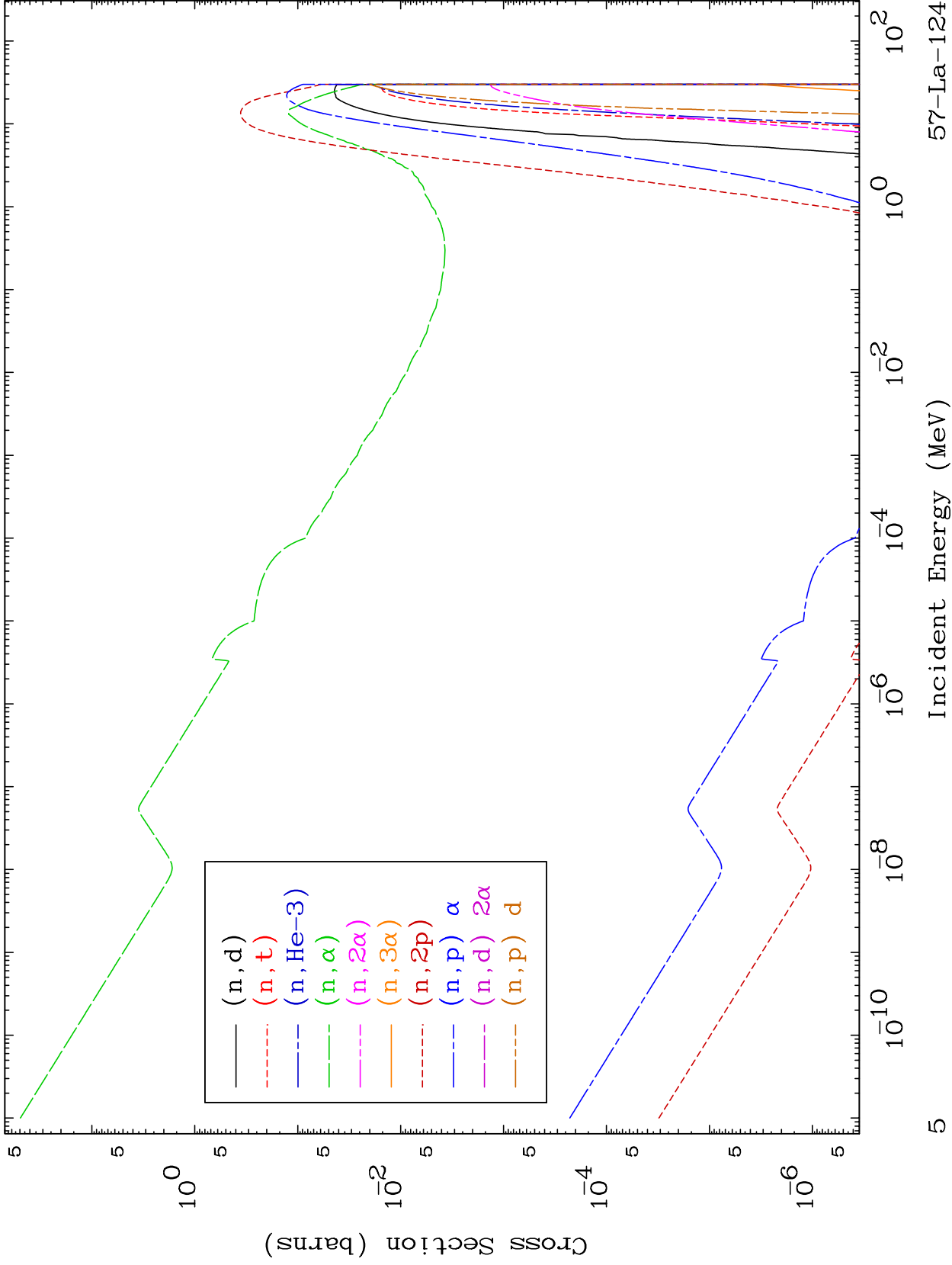
57-La-124



MAT 5683

Charged Particle
293 Kelvin Cross Sections

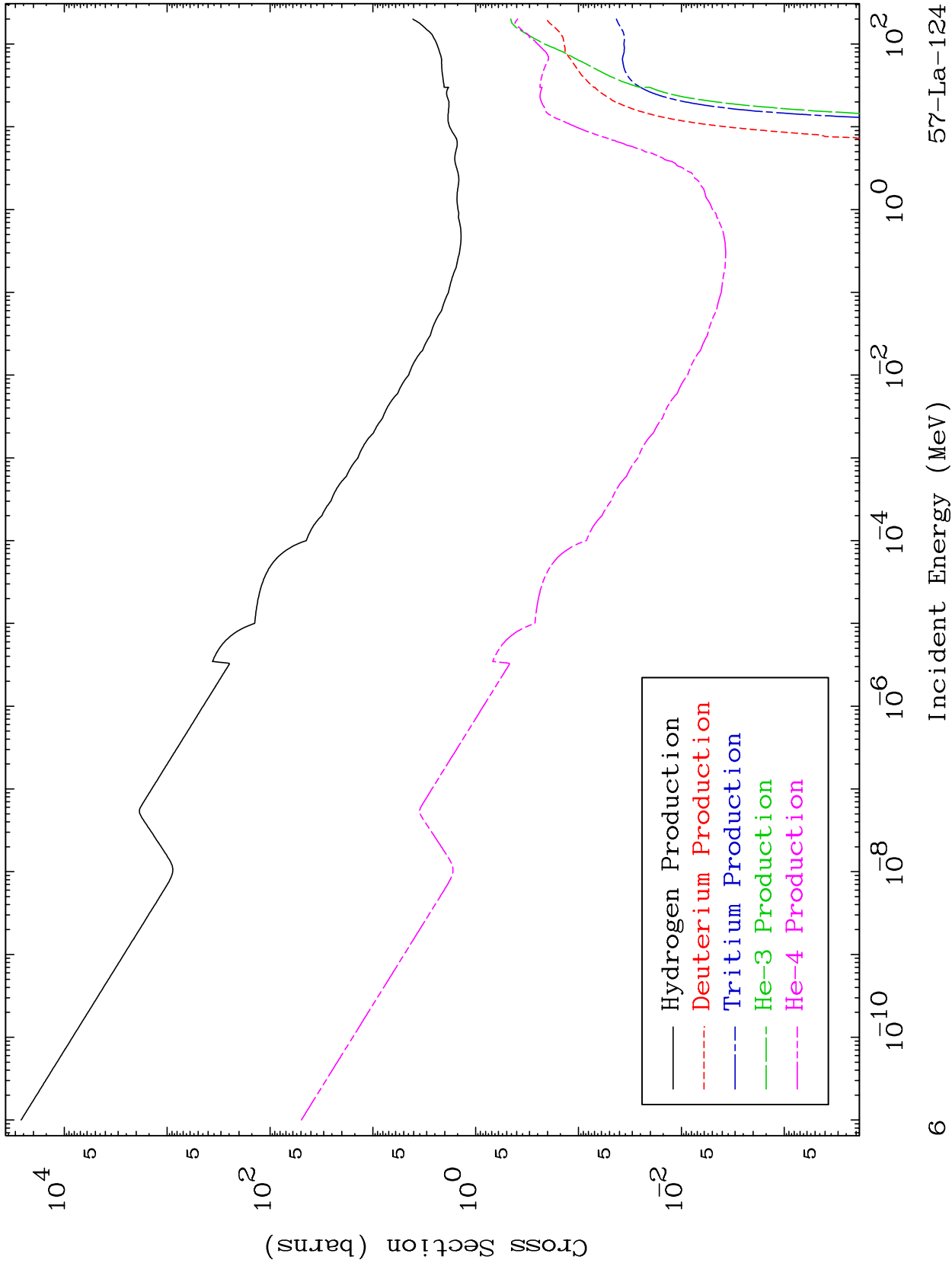
57-La-124



MAT 5683

Particle Production
293 Kelvin Cross Sections

57-La-124

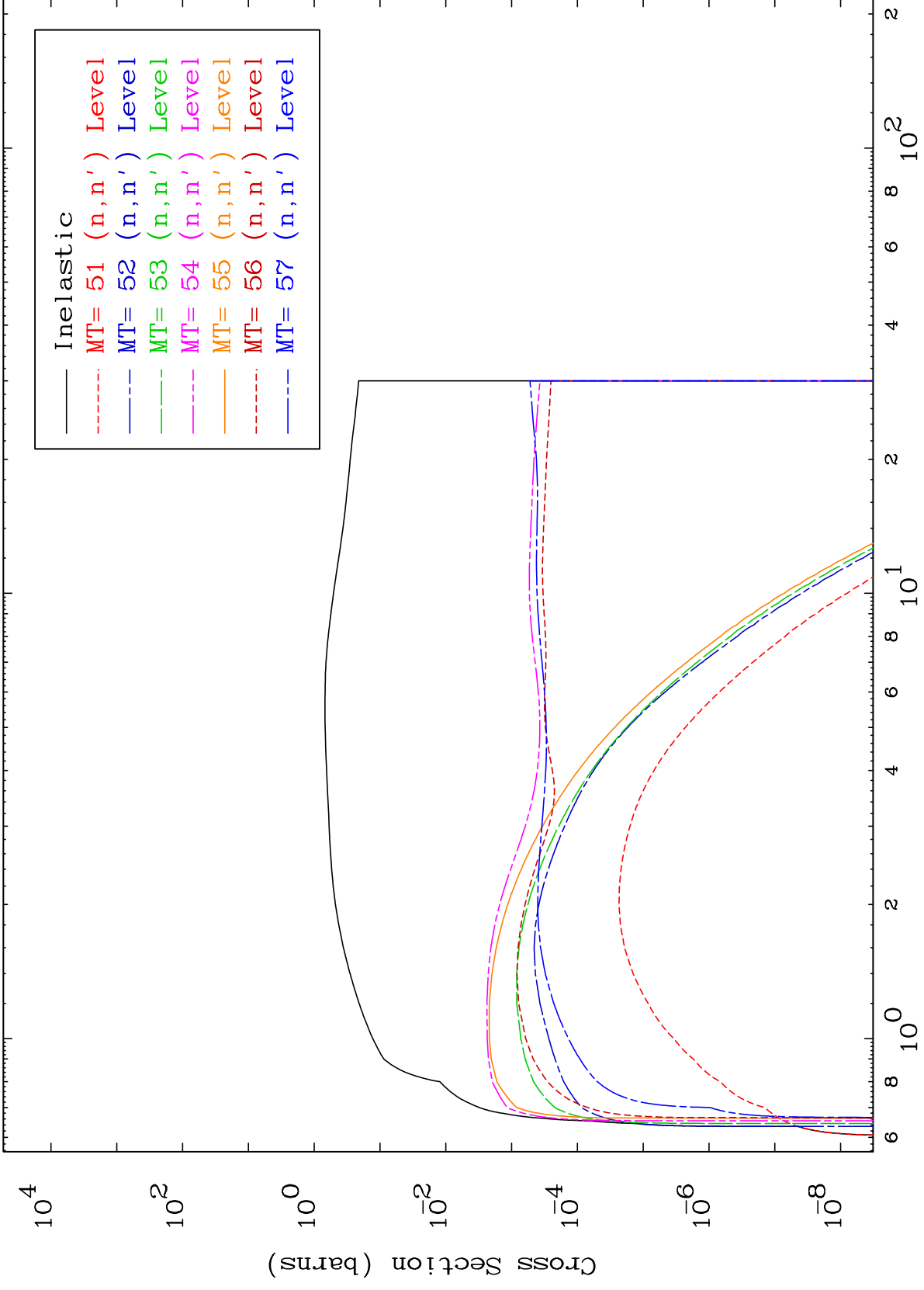


MAT 5683

(n,n') Level

57-La-124

293 Kelvin Cross Sections



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Incident Energy (MeV)

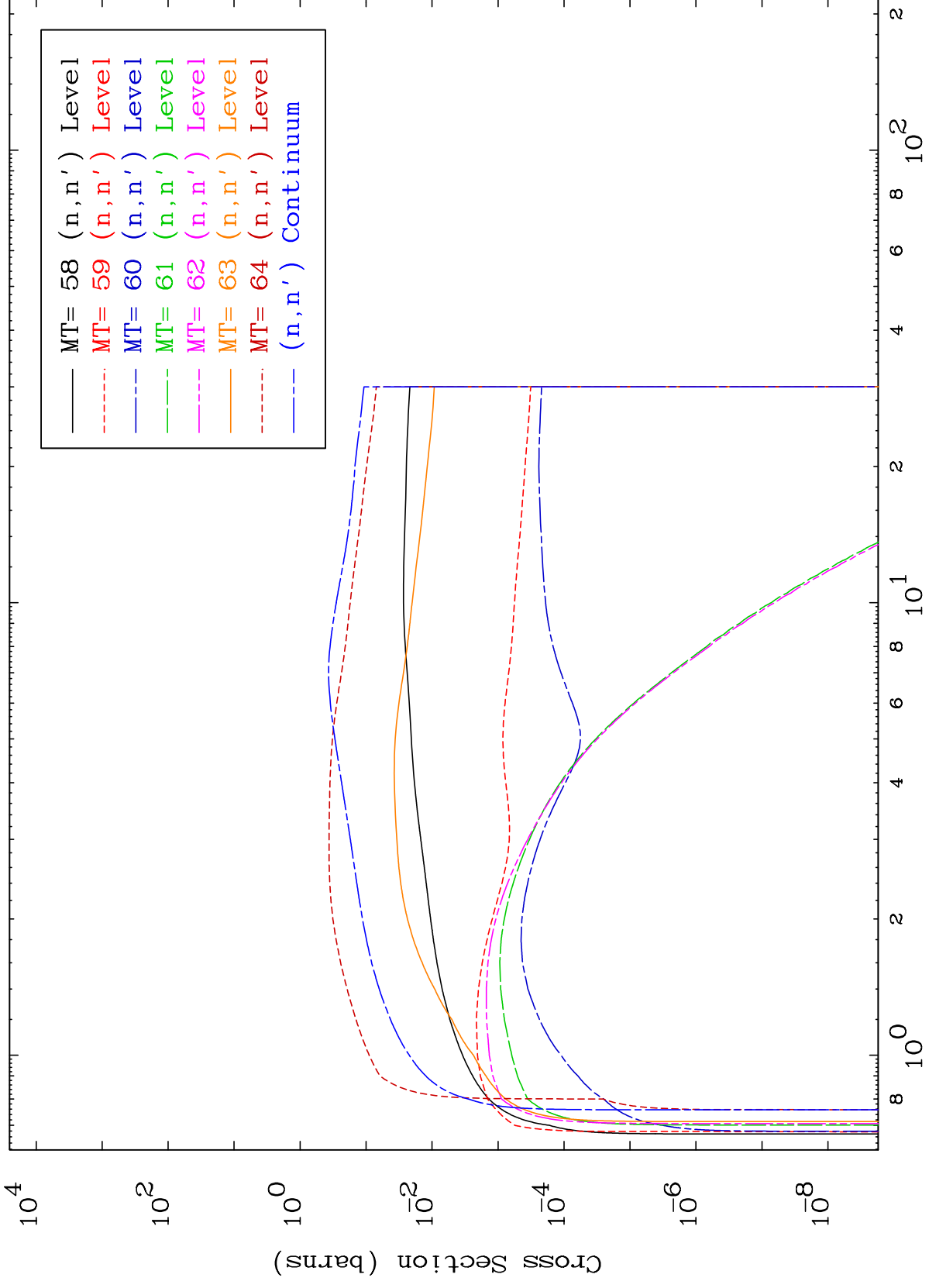
57-La-124

MAT 5683

(n,n') Level

293 Kelvin Cross Sections

57-La-124



8

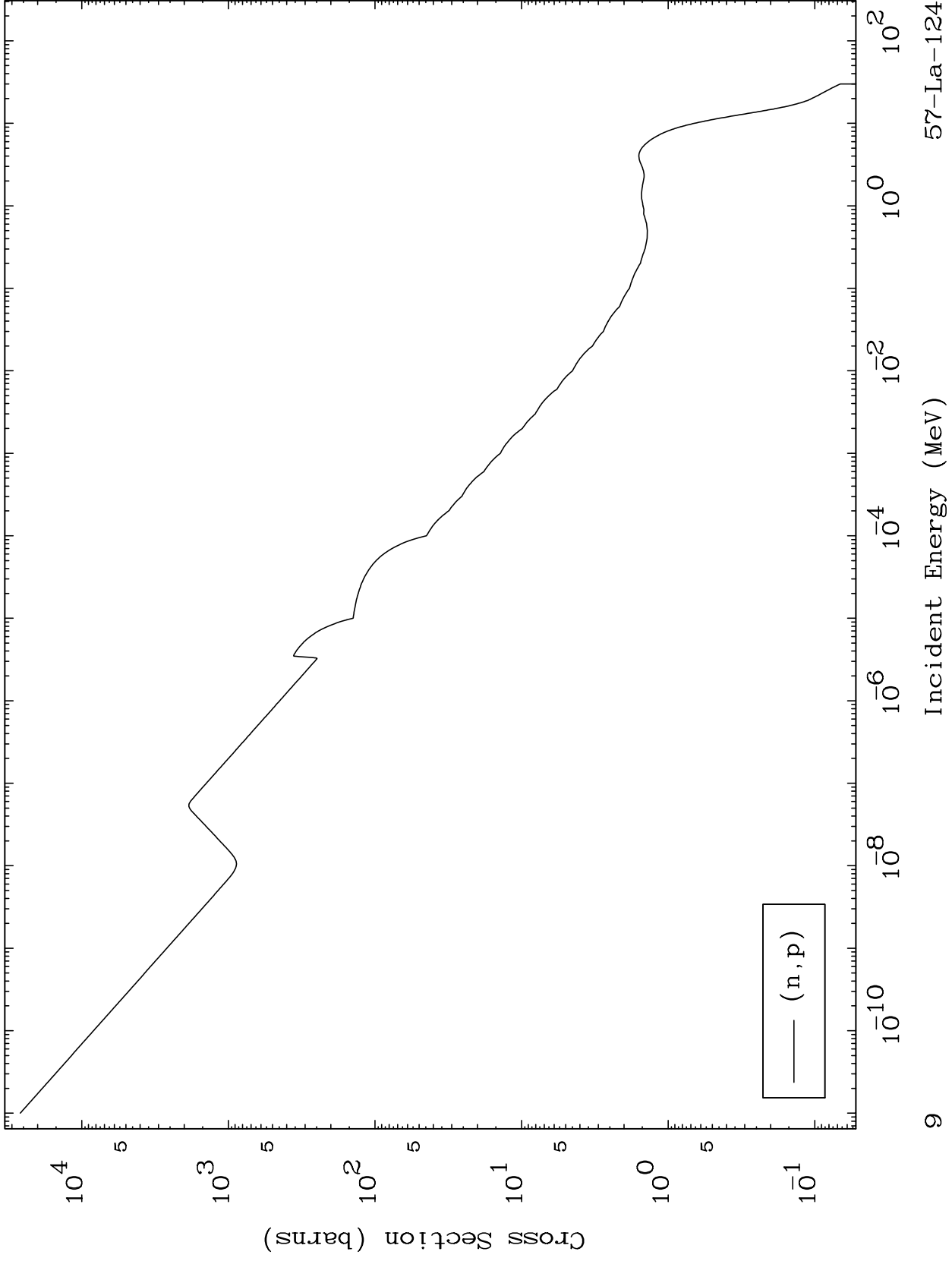
Incident Energy (MeV)

57-La-124

MAT 5683

(n,p) Levels
293 Kelvin Cross Sections

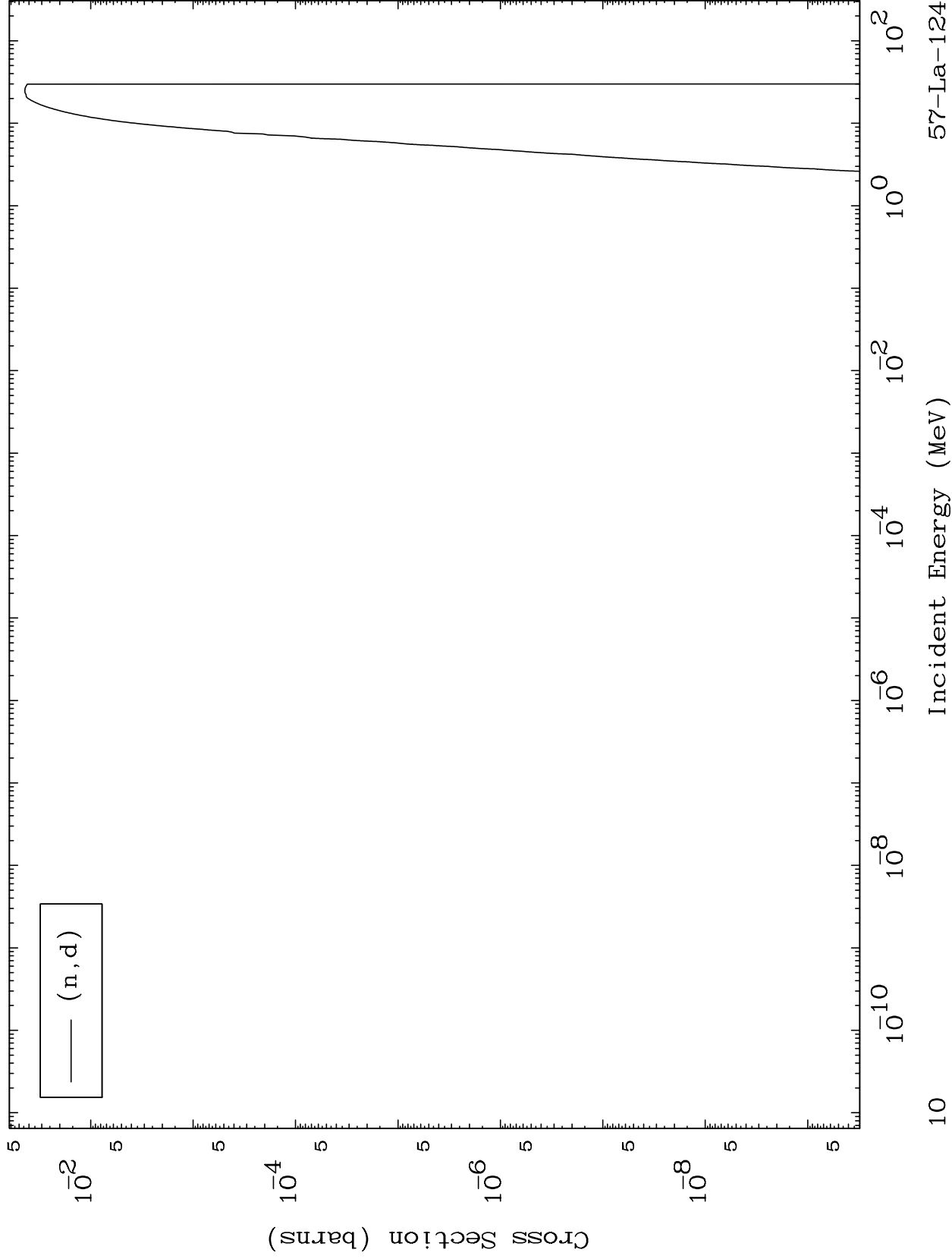
57-La-124



MAT 5683

(n,d) Levels
293 Kelvin Cross Sections

57-La-124



10

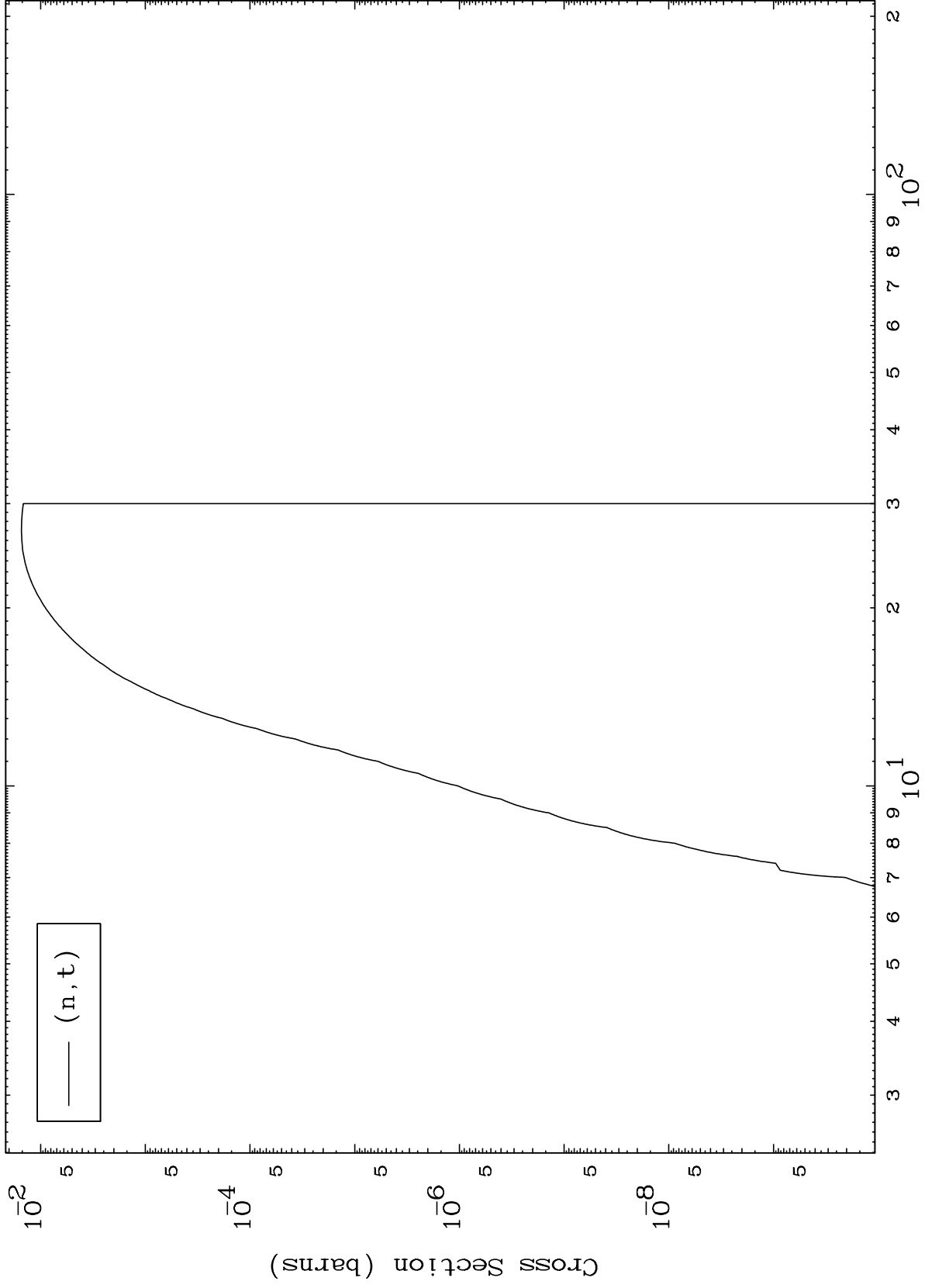
Incident Energy (MeV)

57-La-124

MAT 5683

(n,t) Levels
293 Kelvin Cross Sections

57-La-124



11

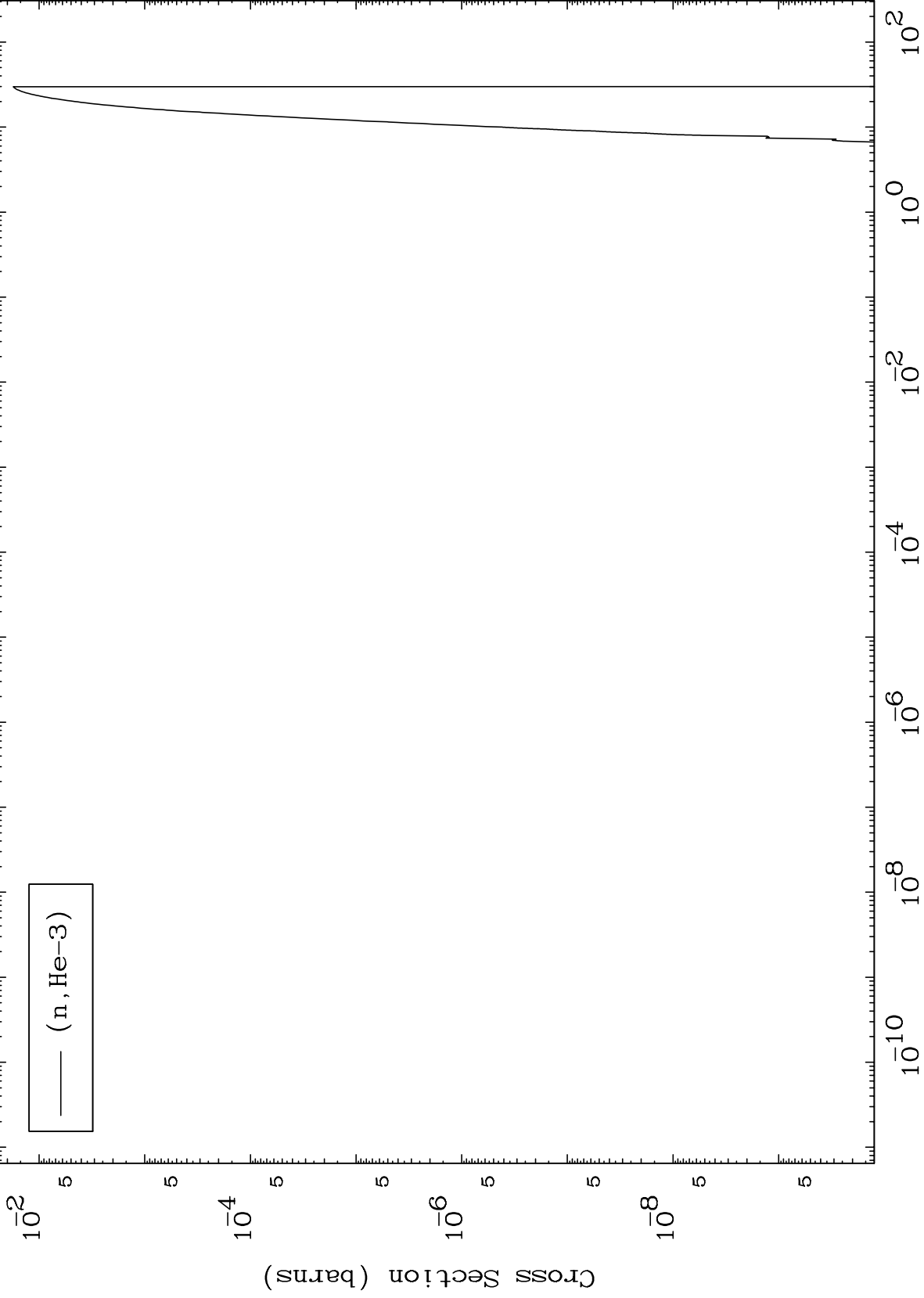
Incident Energy (MeV)

57-La-124

MAT 5683

(n,He3) Levels
293 Kelvin Cross Sections

57-La-124



12

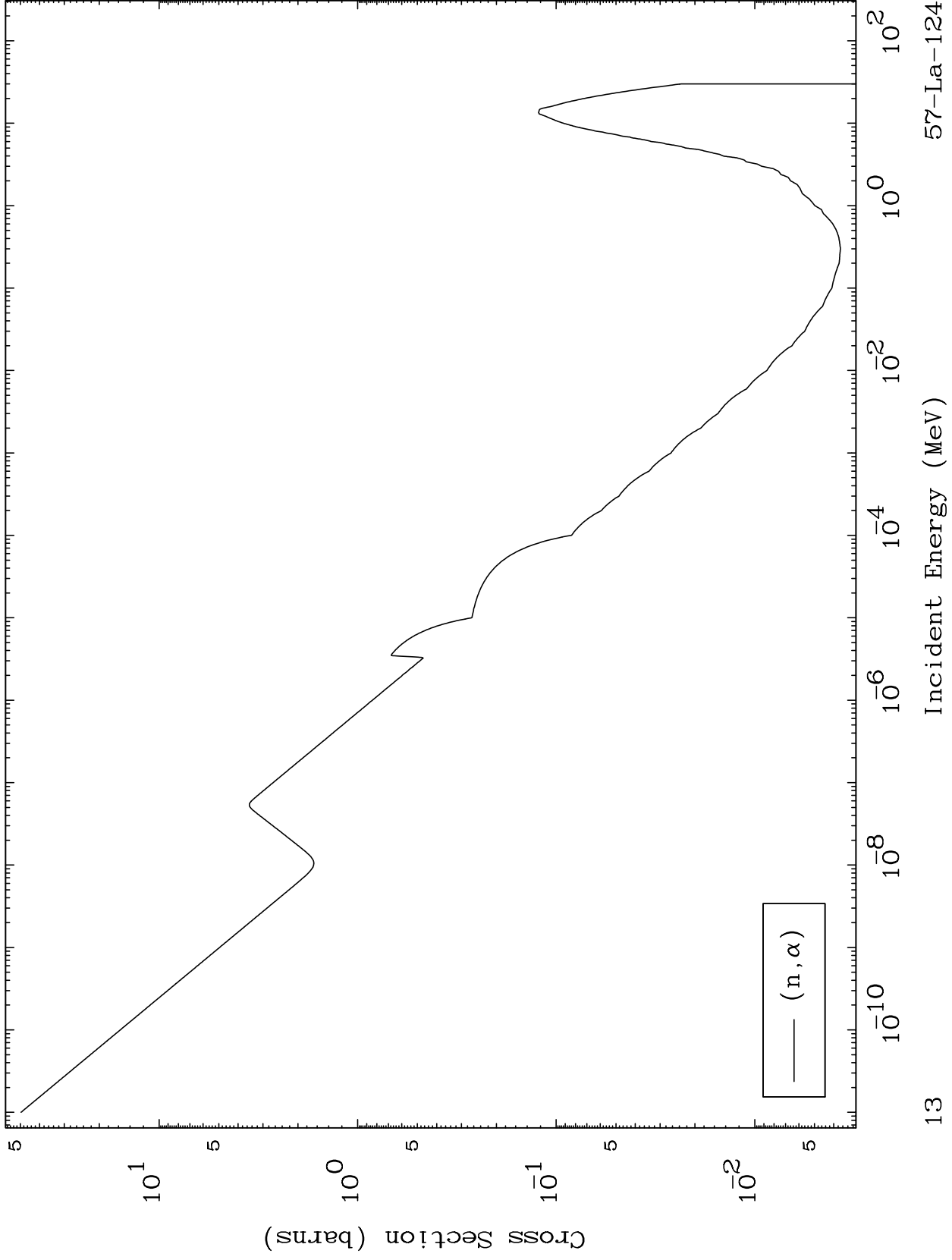
Incident Energy (MeV)

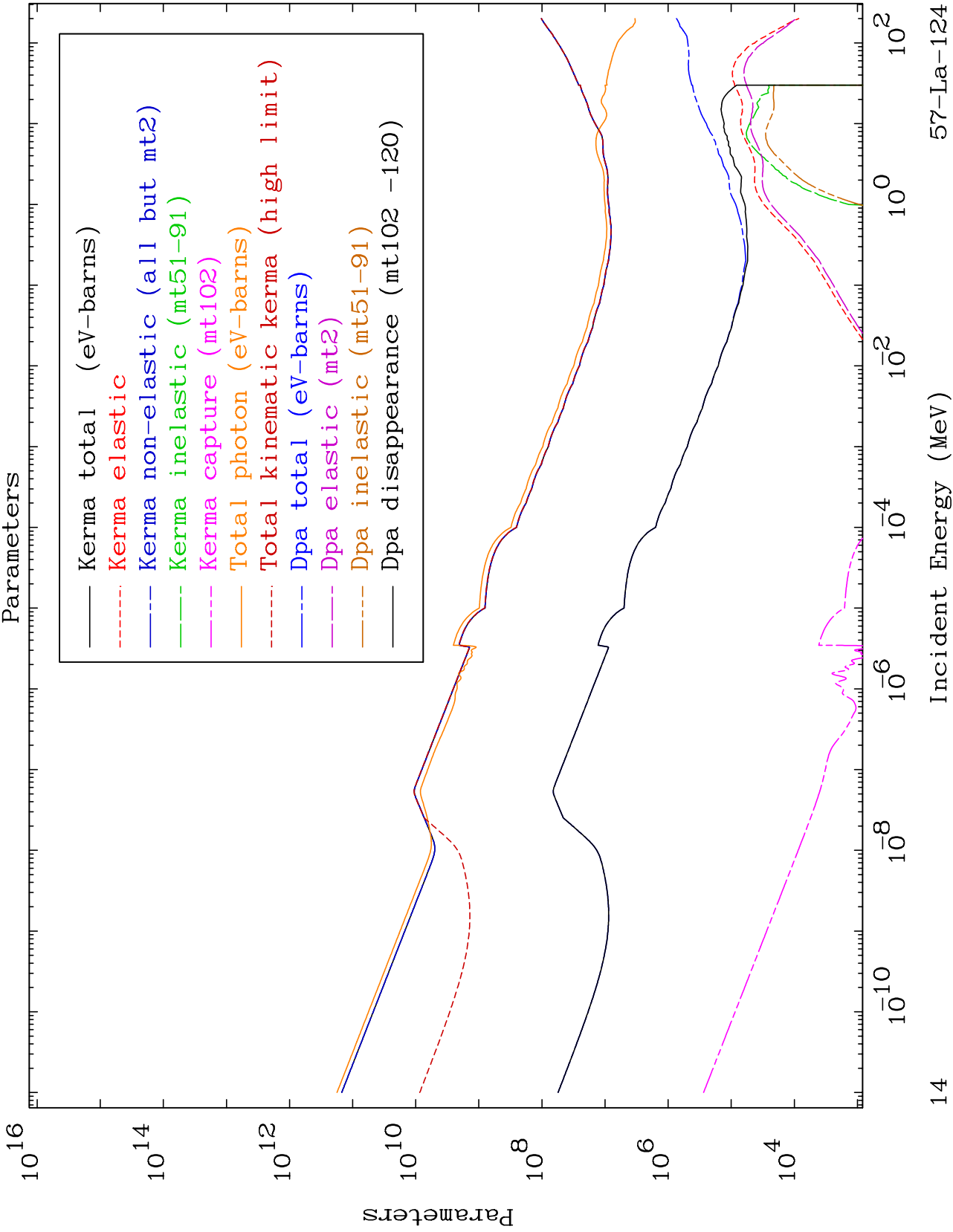
57-La-124

MAT 5683

(n, α) Levels
293 Kelvin Cross Sections

57-La-124

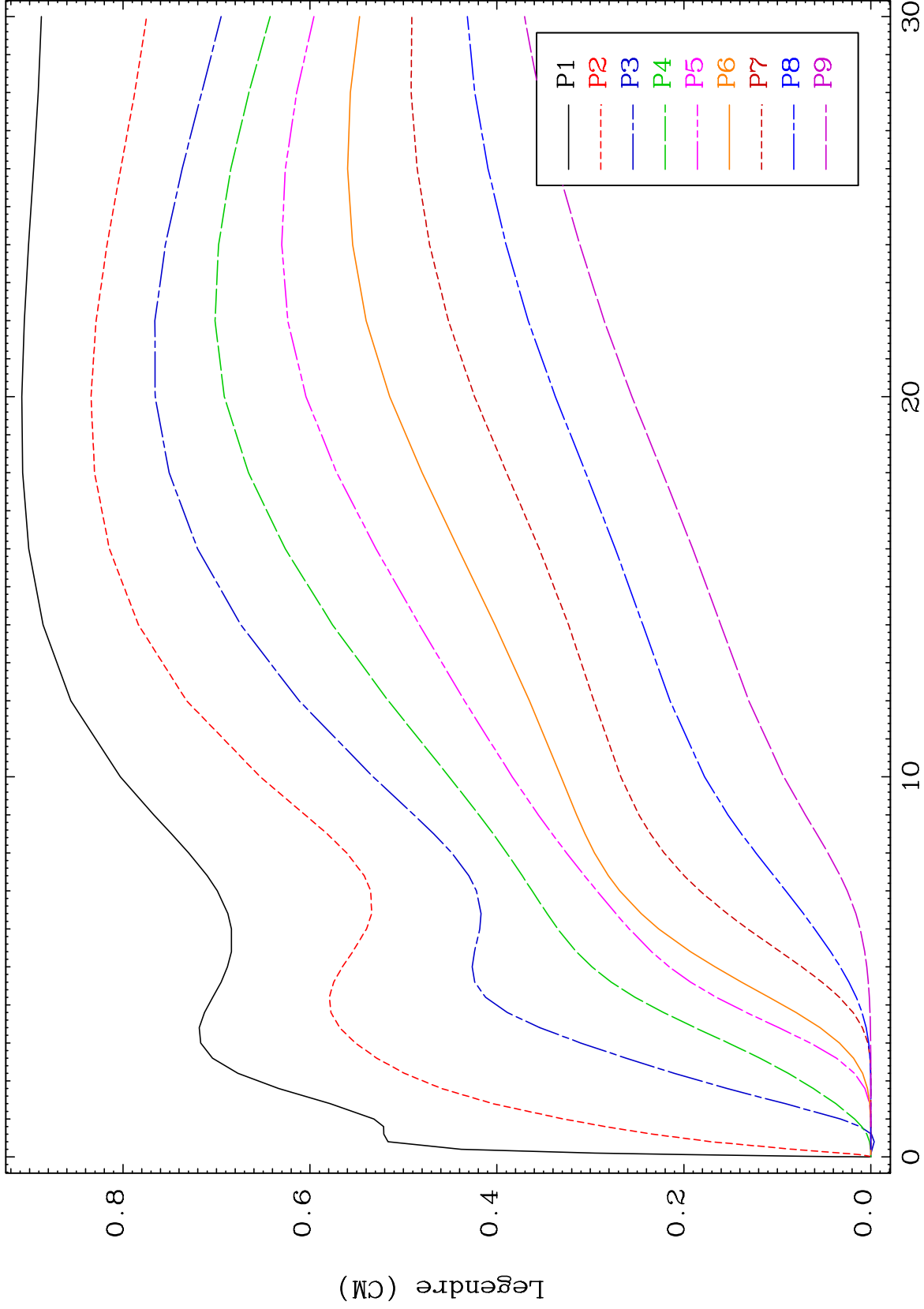




MAT 5683

Elastic Legendre Coefficients

57-La-124



15

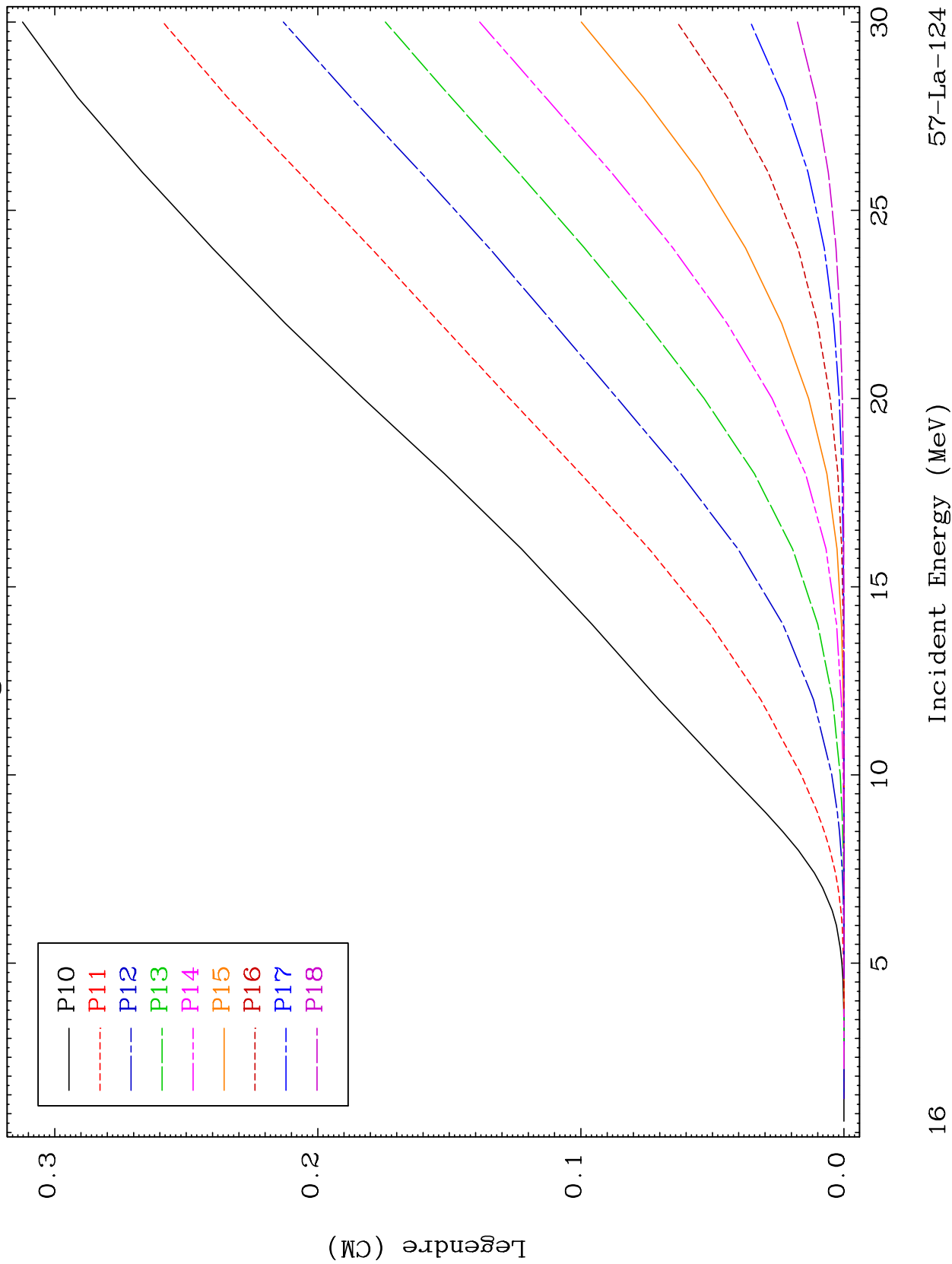
Incident Energy (MeV)

57-La-124

MAT 5683

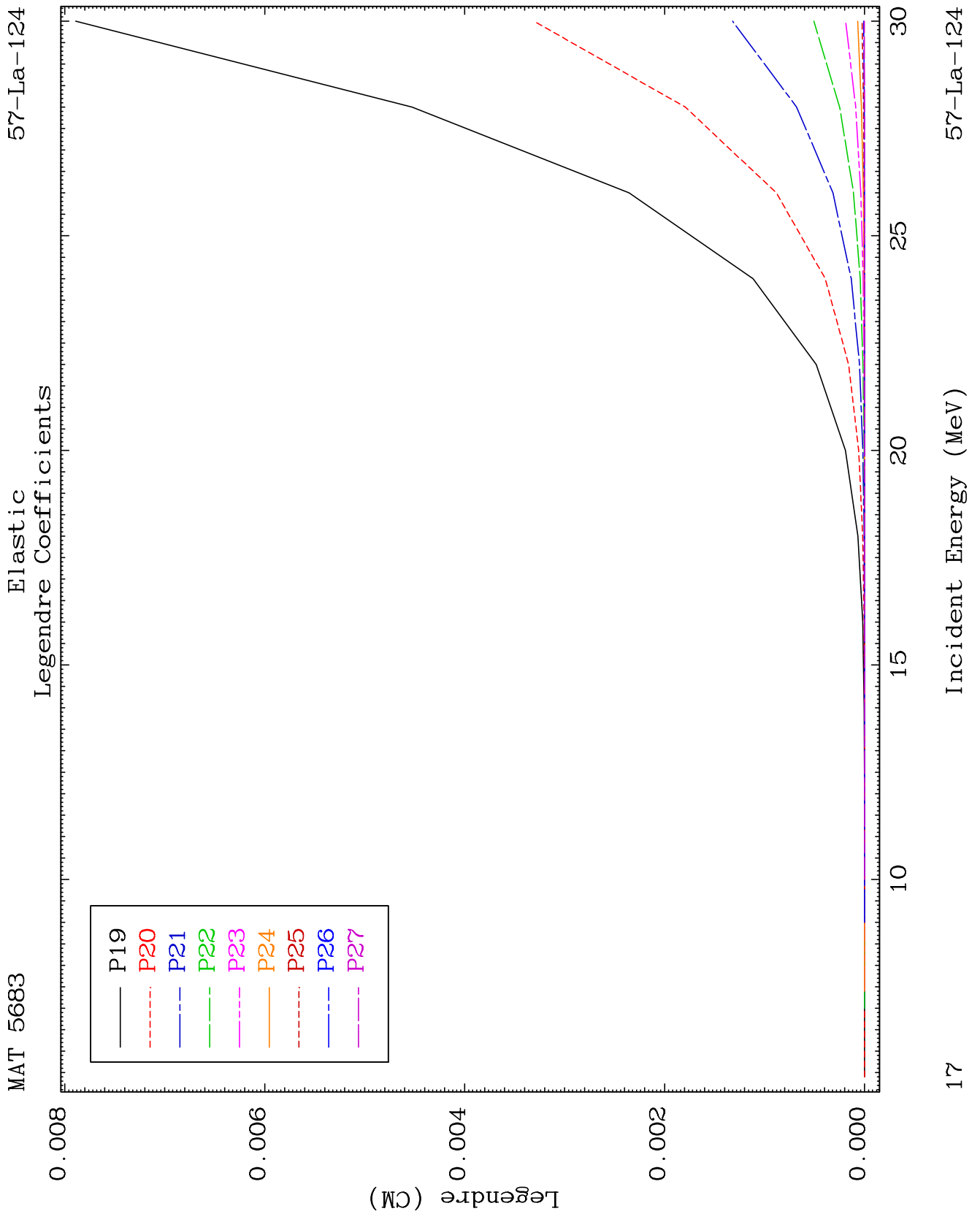
Elastic Legendre Coefficients

57-La-124



16

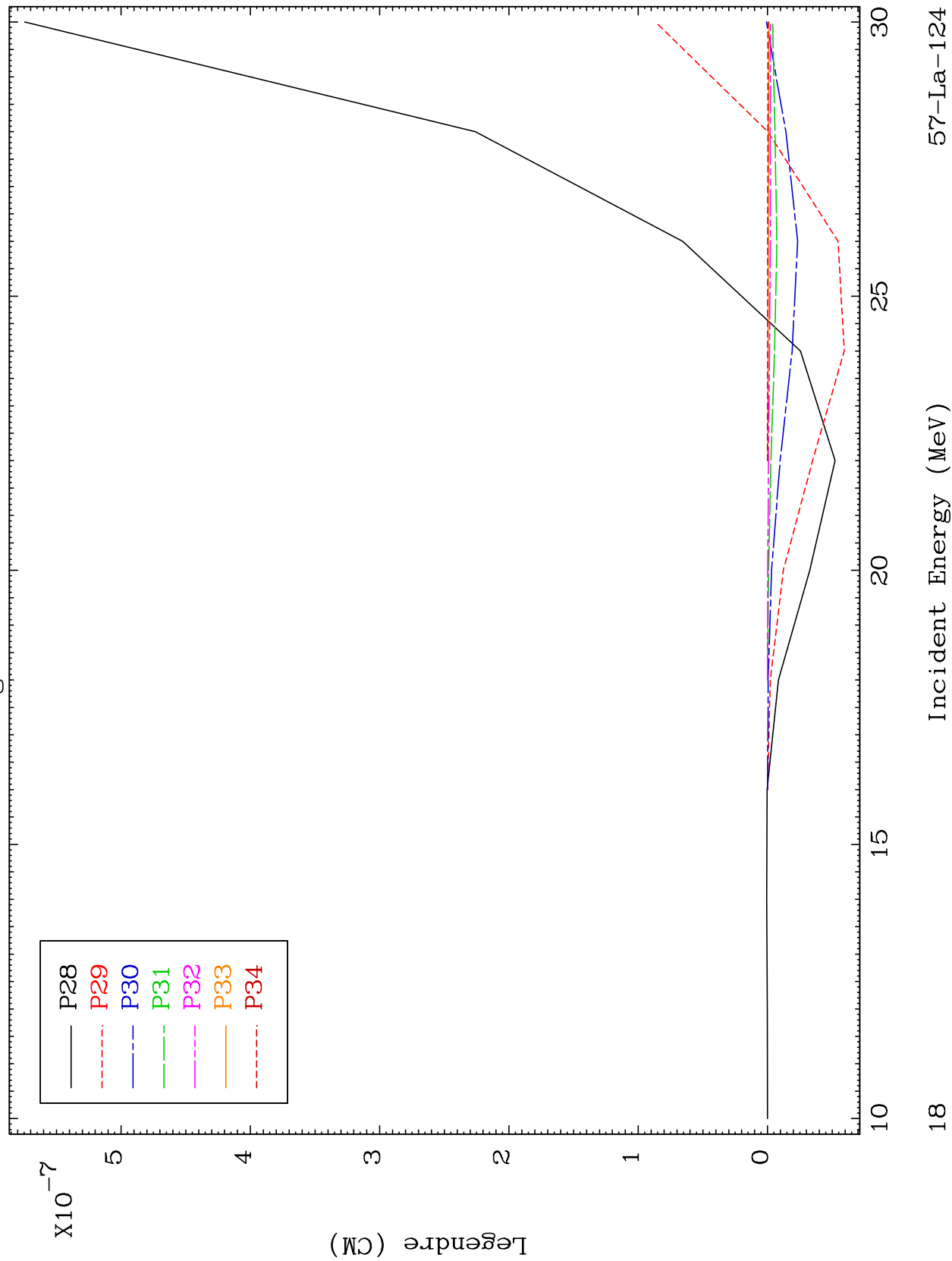
57-La-124



MAT 5683

Elastic Legendre Coefficients

57-La-124



18

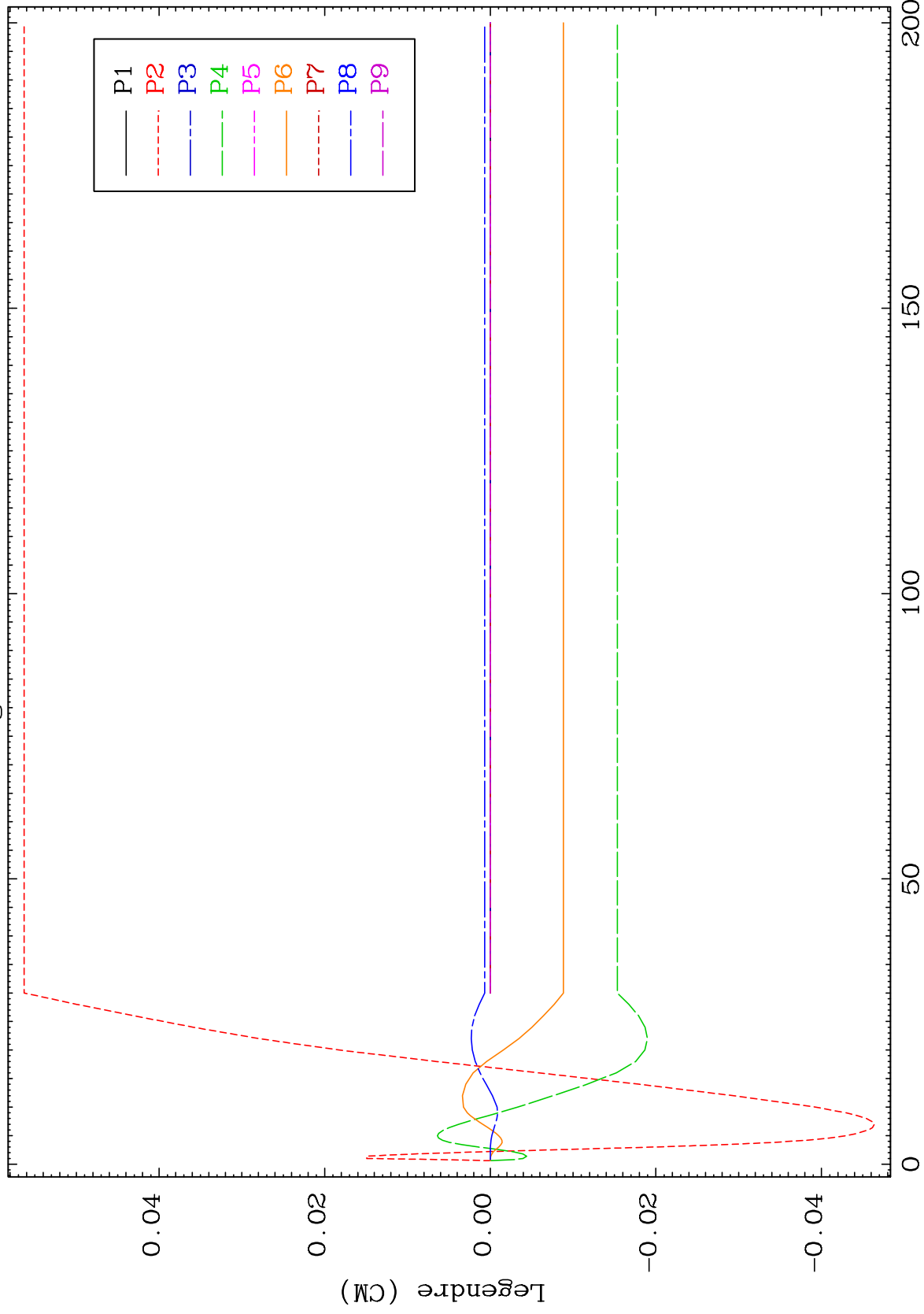
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



19

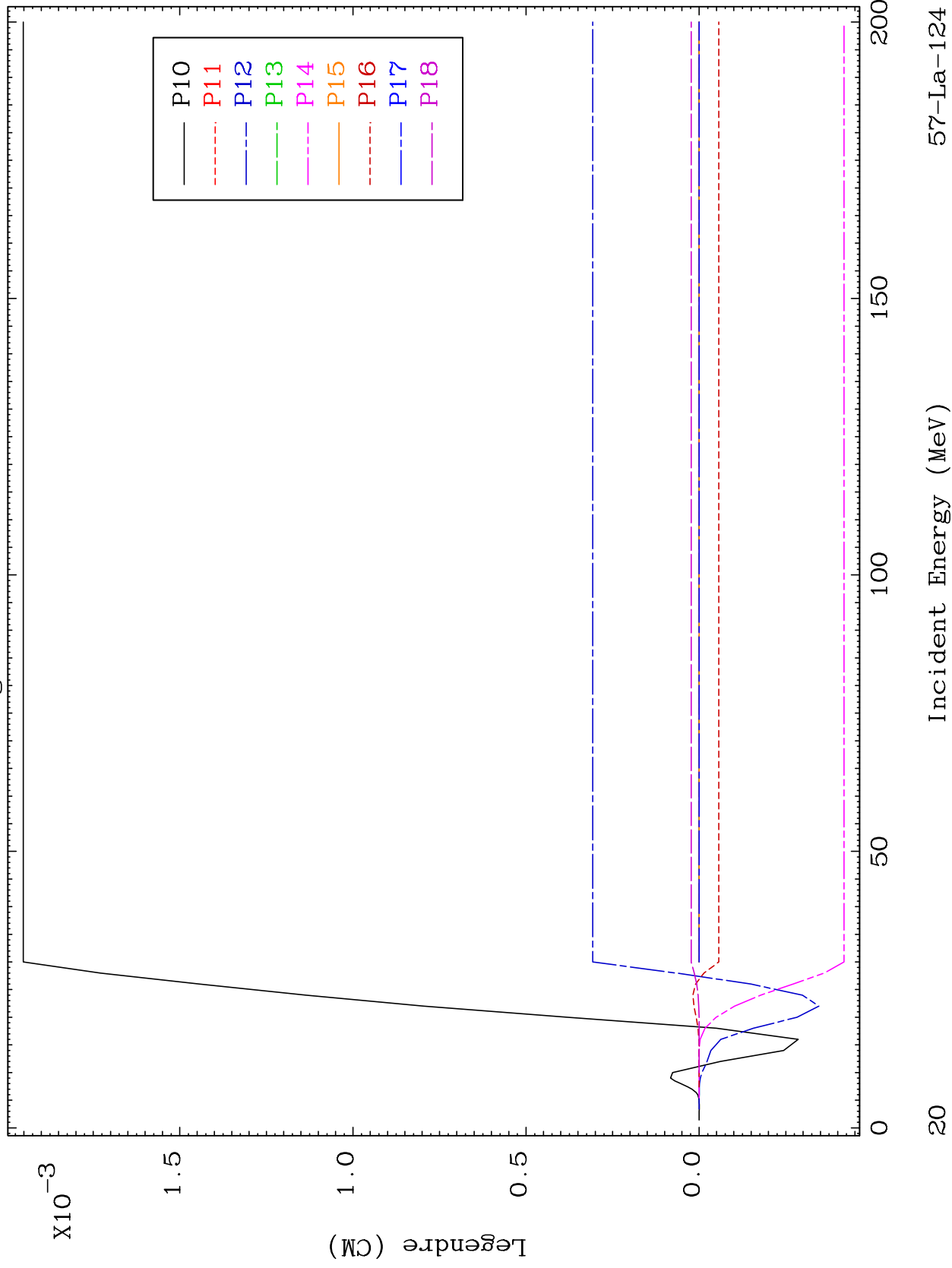
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



57-La-124

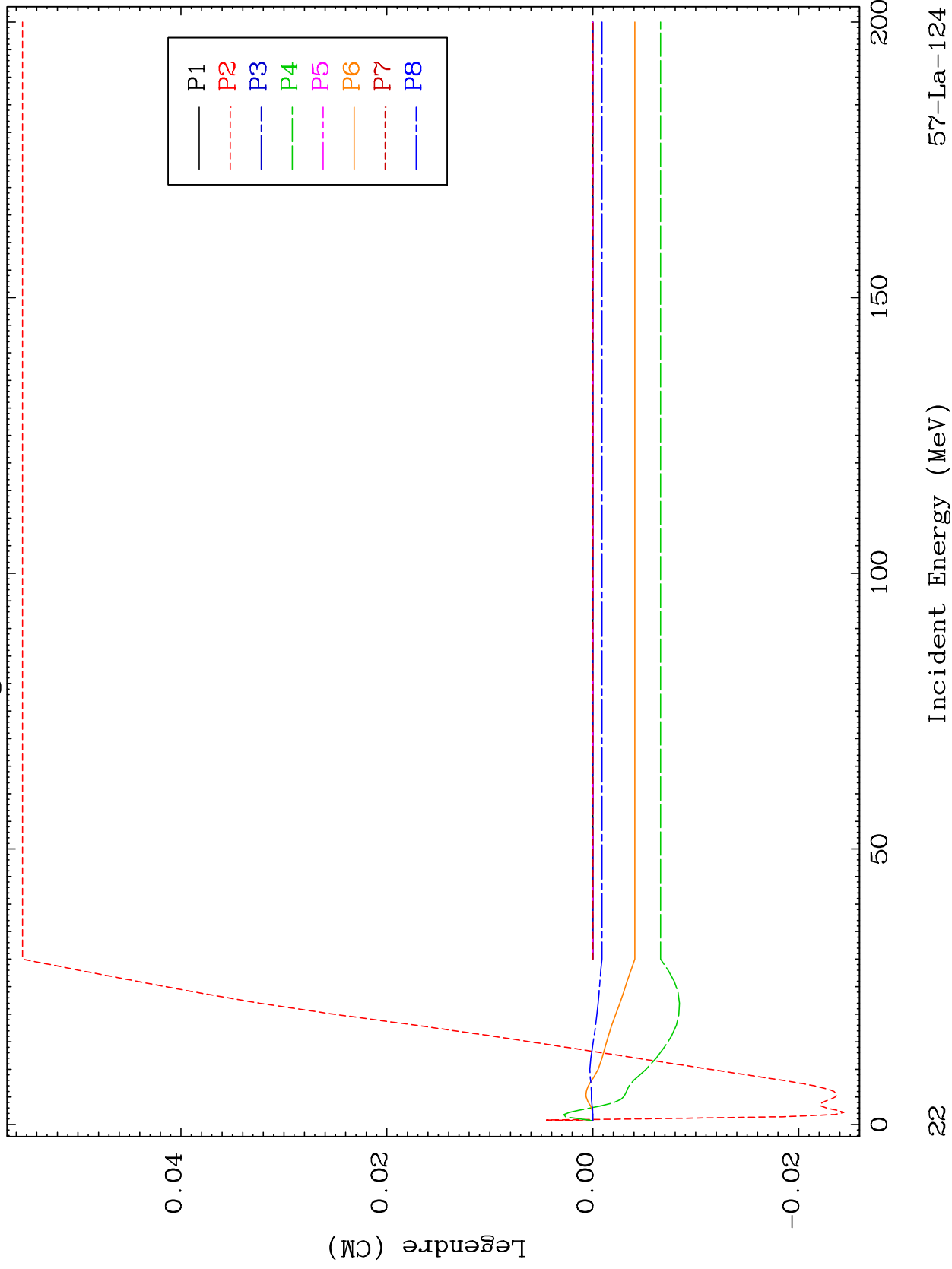
Incident Energy (MeV)

20

MAT 5683

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

57-La-124



57-La-124

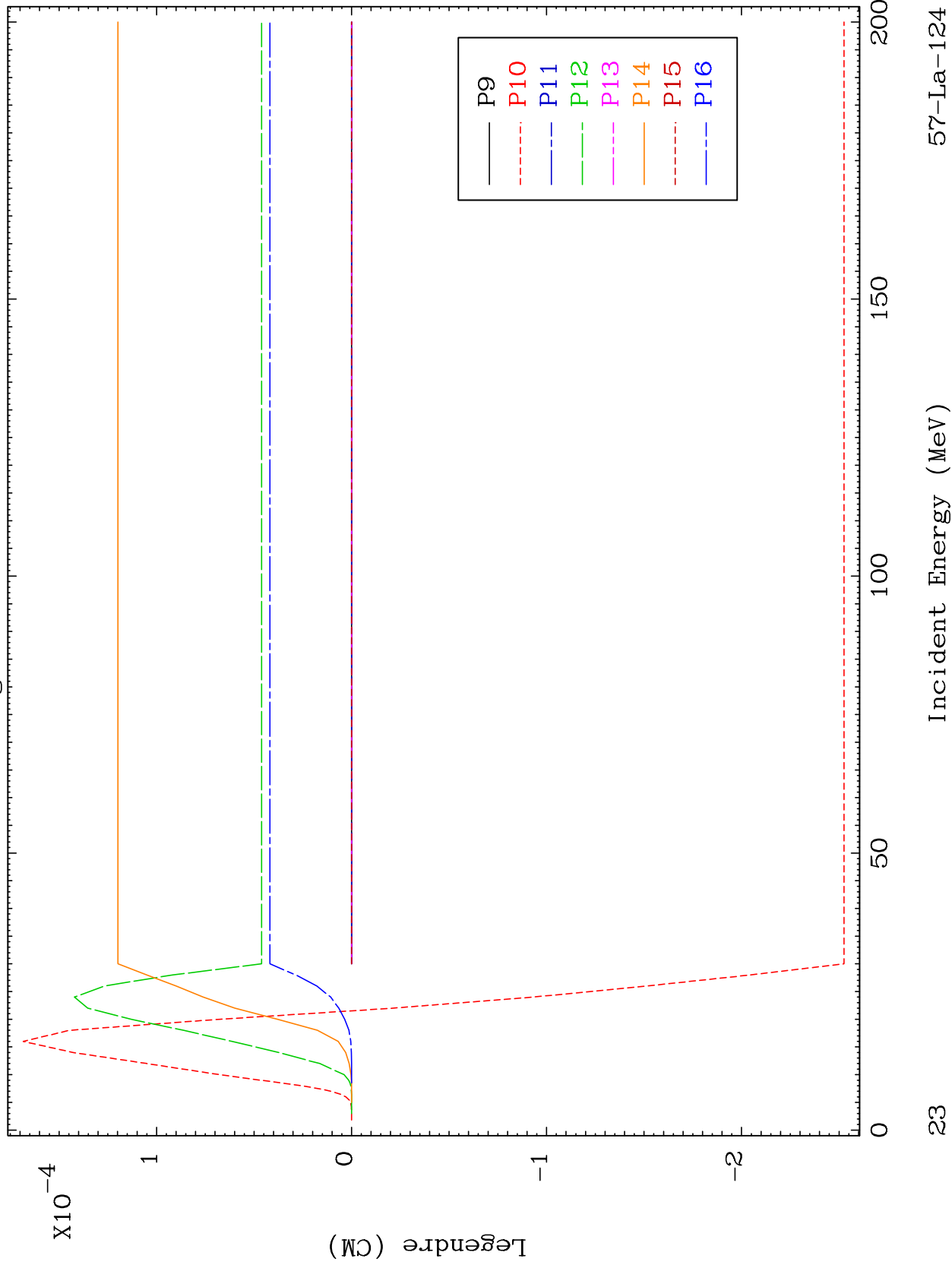
Incident Energy (MeV)

22

MAT 5683

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

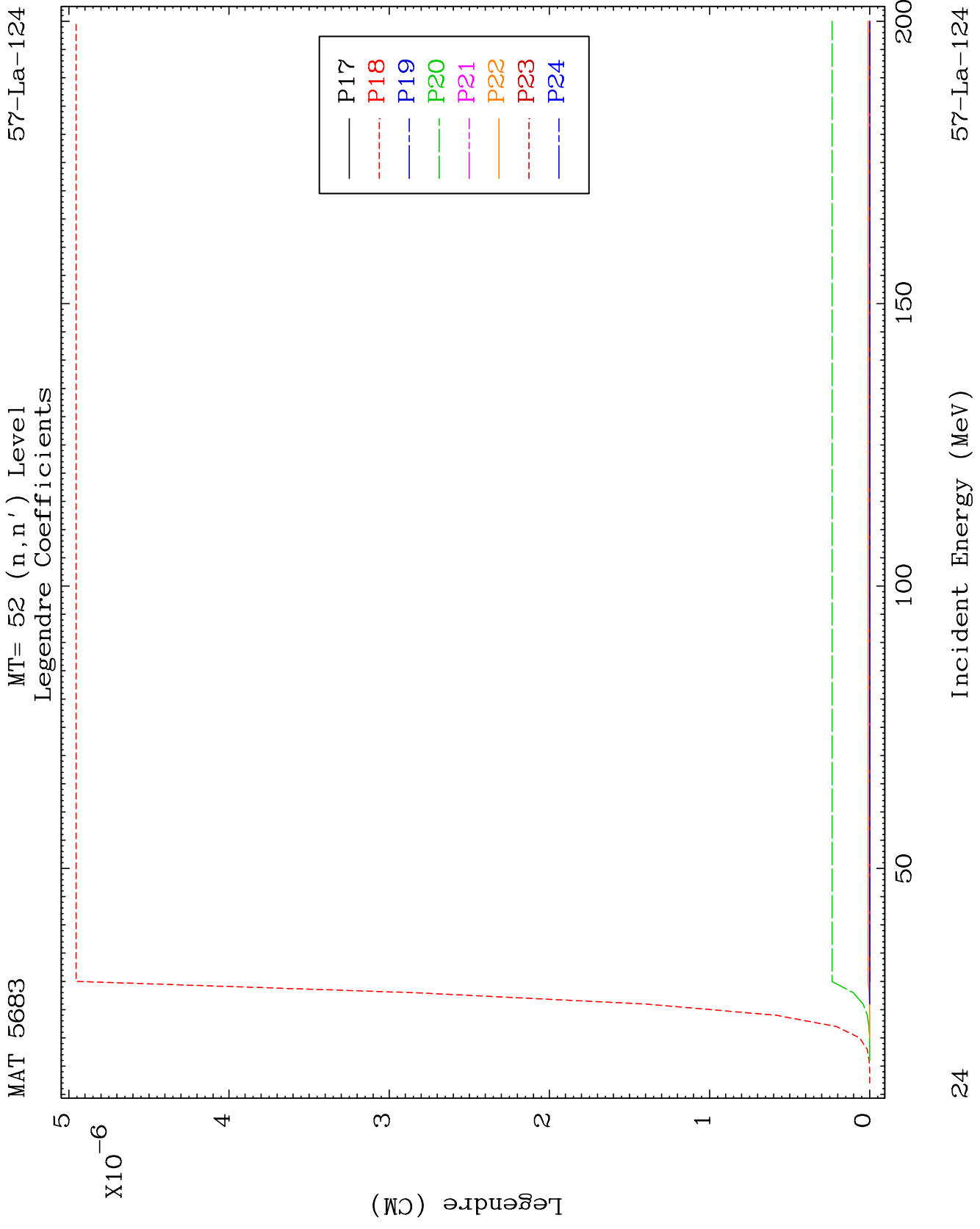
57-La-124



23

Incident Energy (MeV)

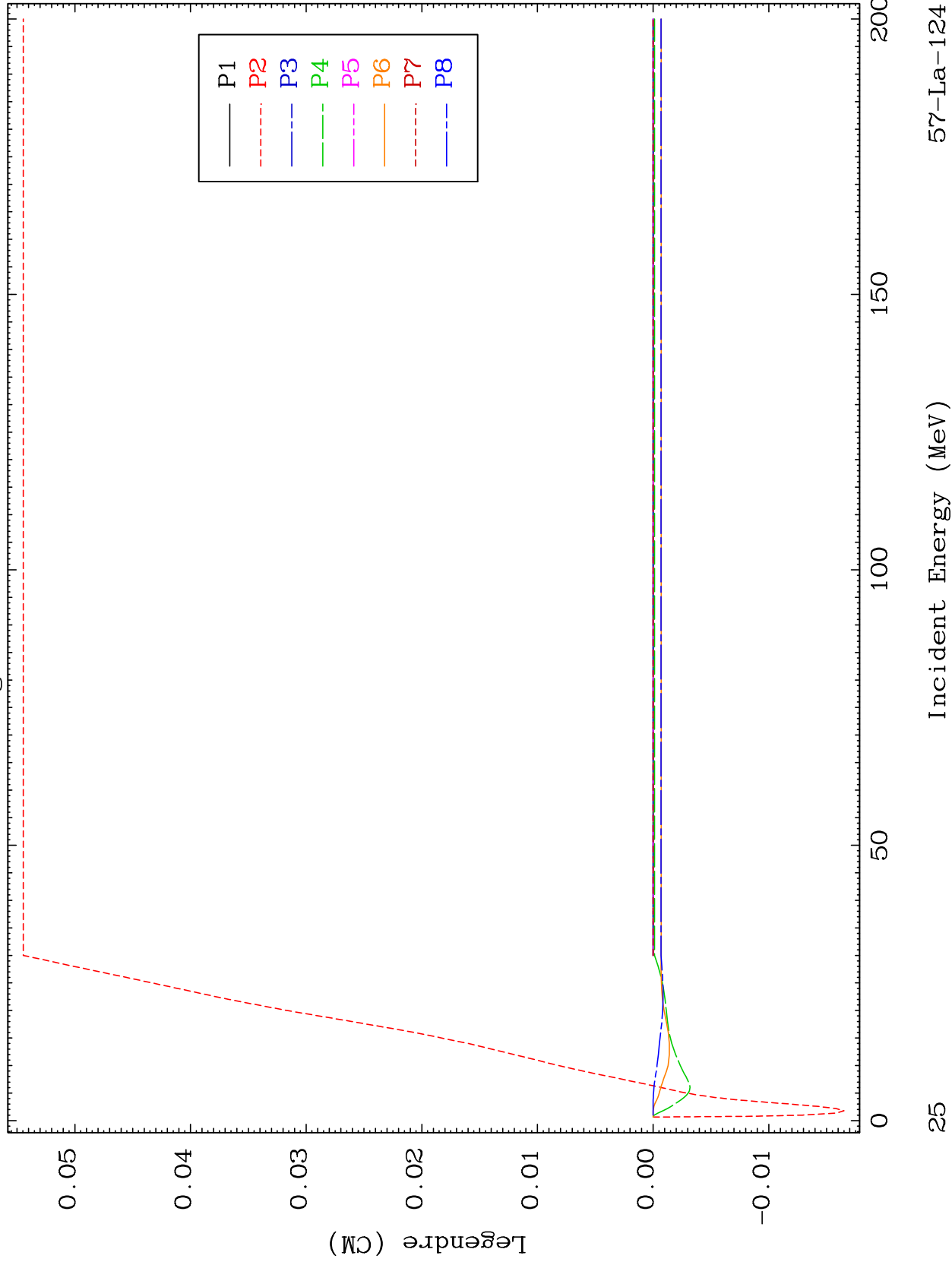
57-La-124



MAT 5683

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

57-La-124



57-La-124

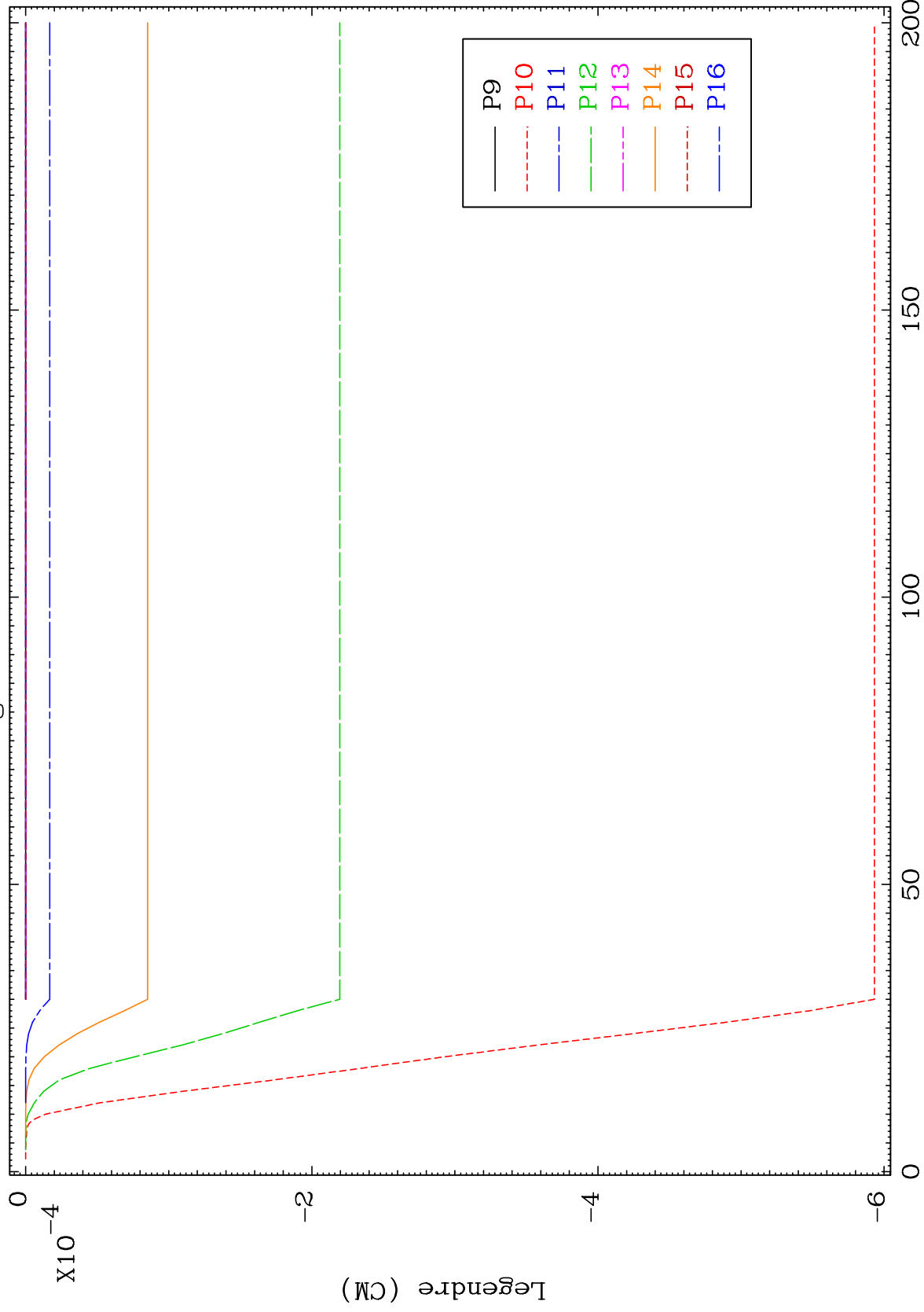
Incident Energy (MeV)

25

MAT 5683

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

57-La-124



26

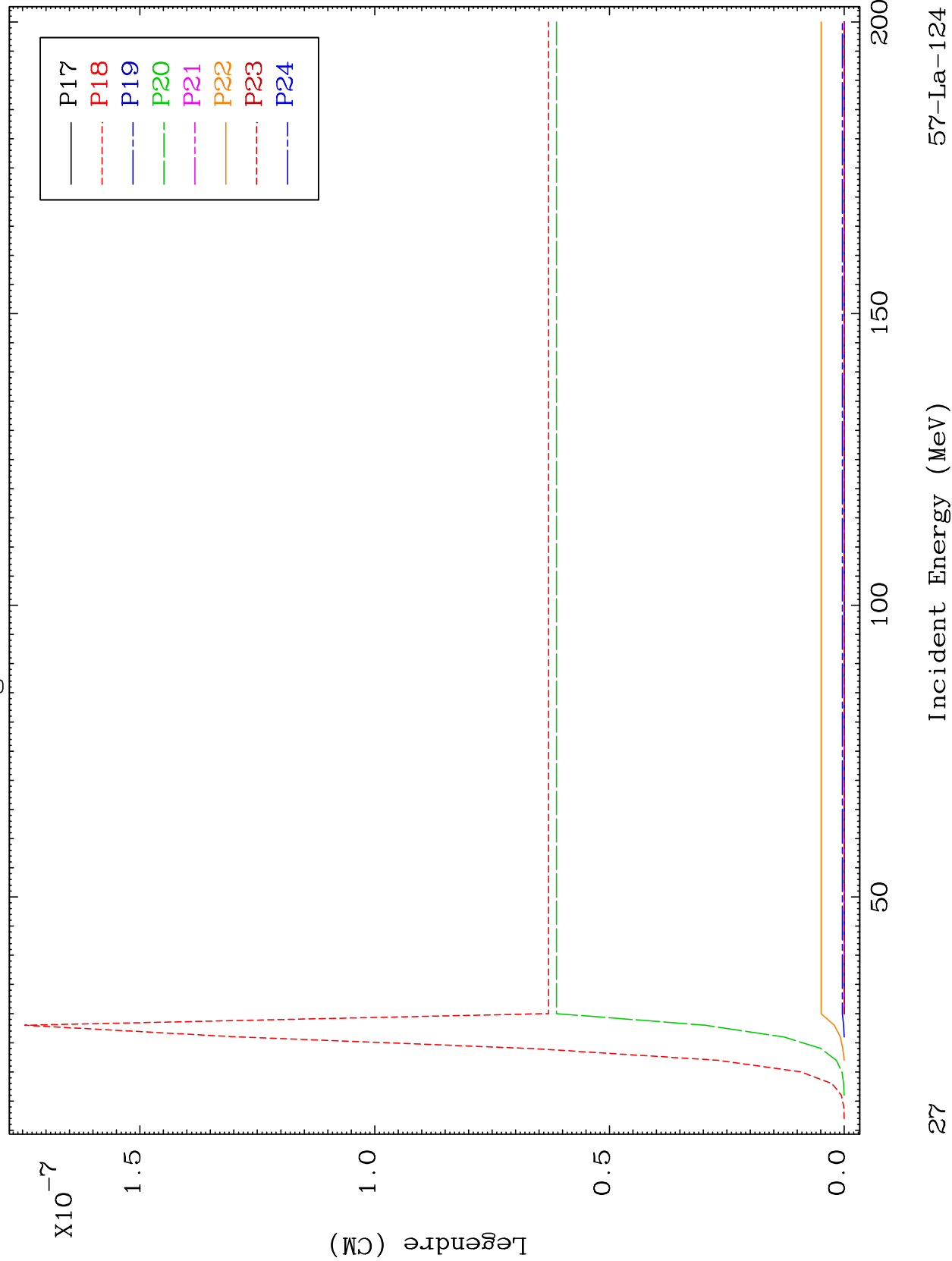
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



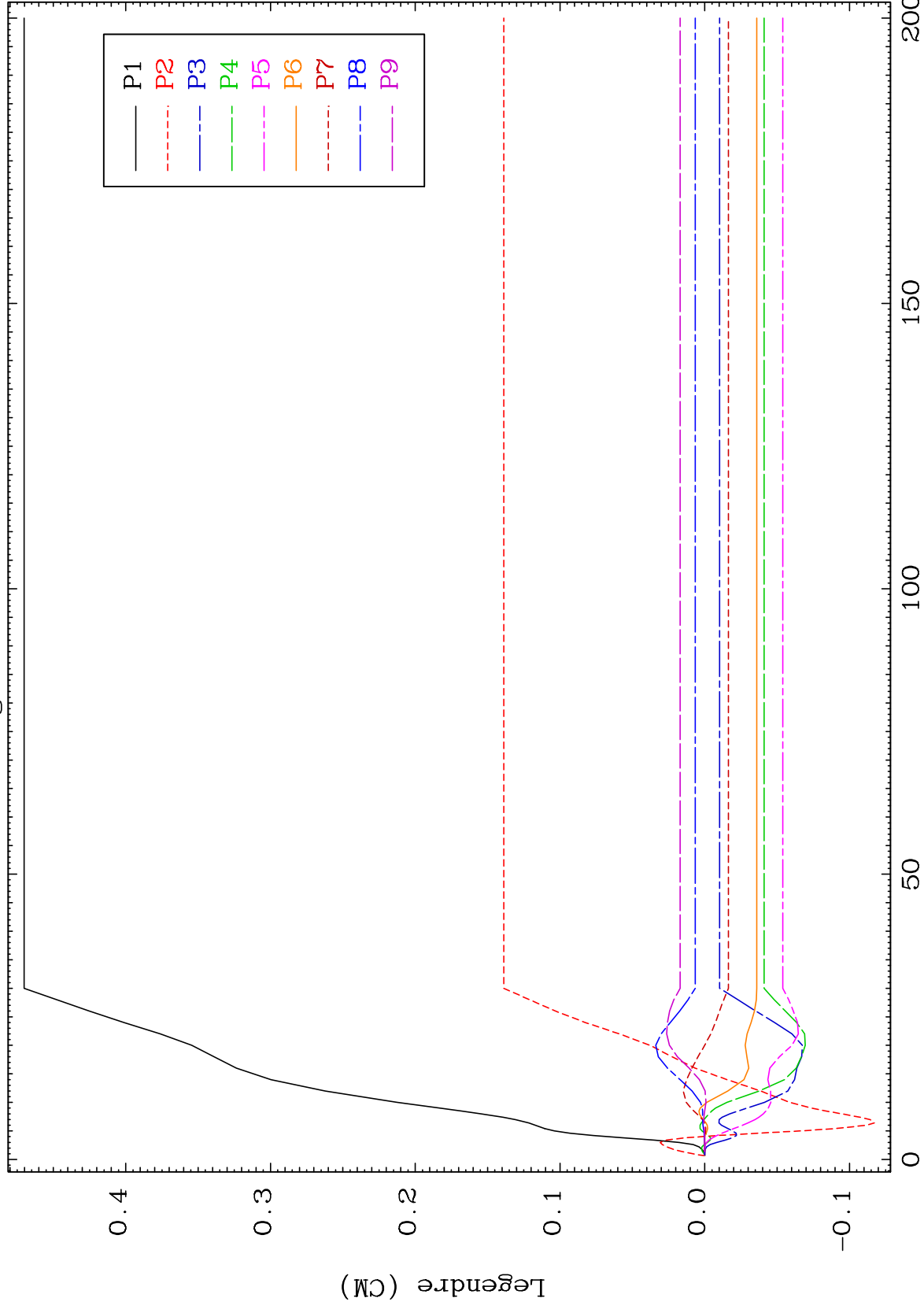
27

MAT 5683

MT= 54 (n,n') Level

57-La-124

Legendre Coefficients



28

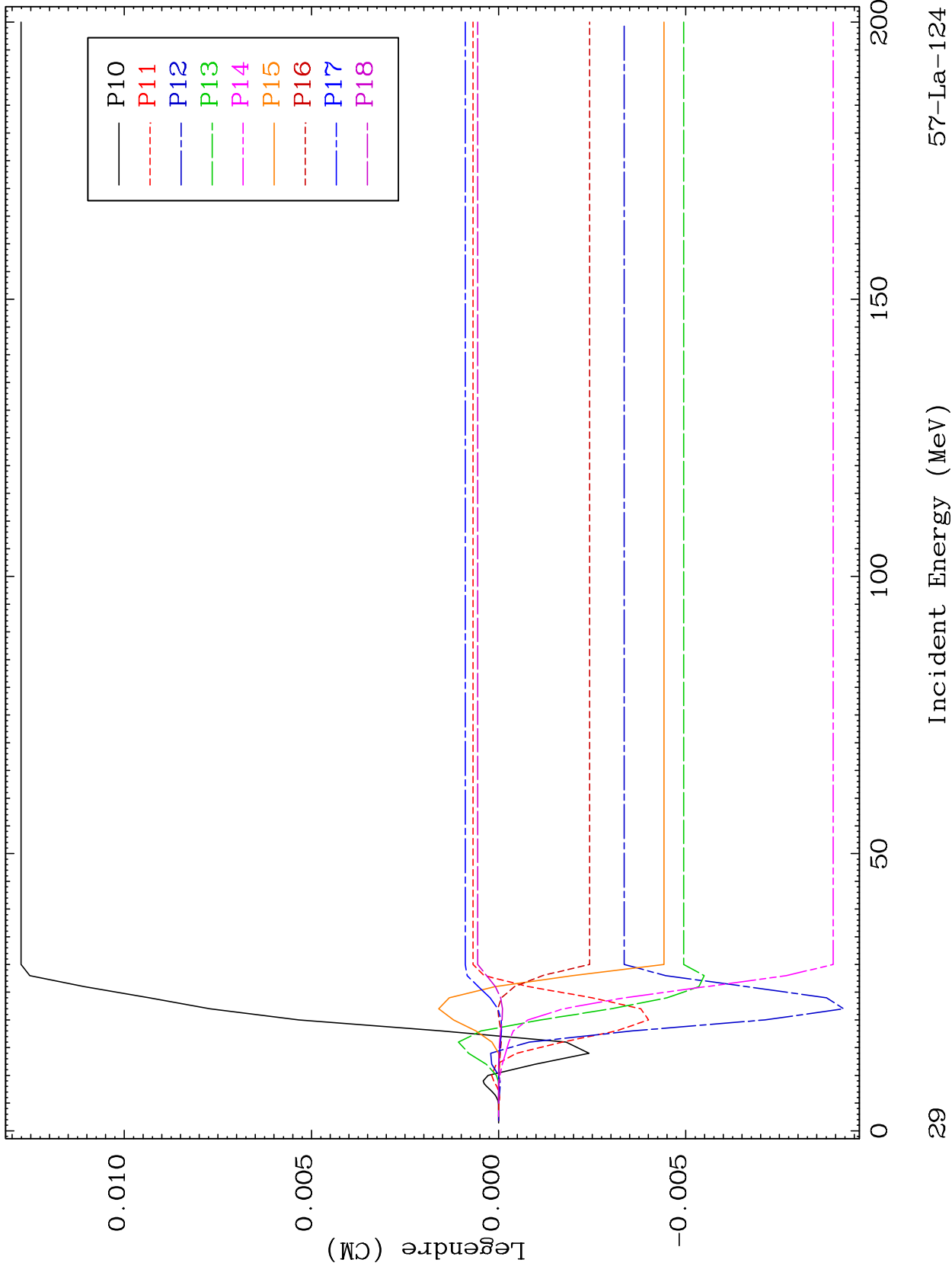
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



29

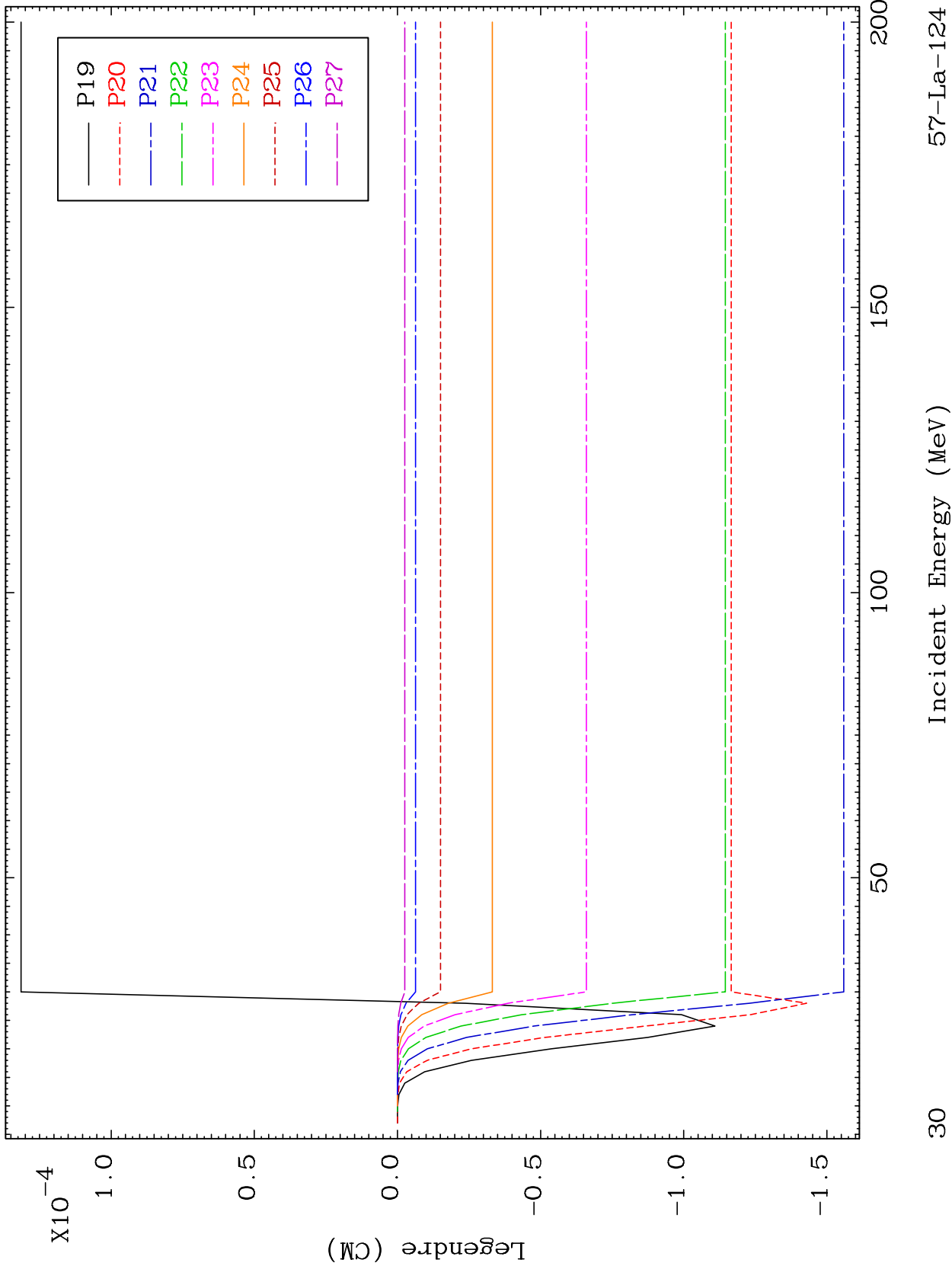
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



57-La-124

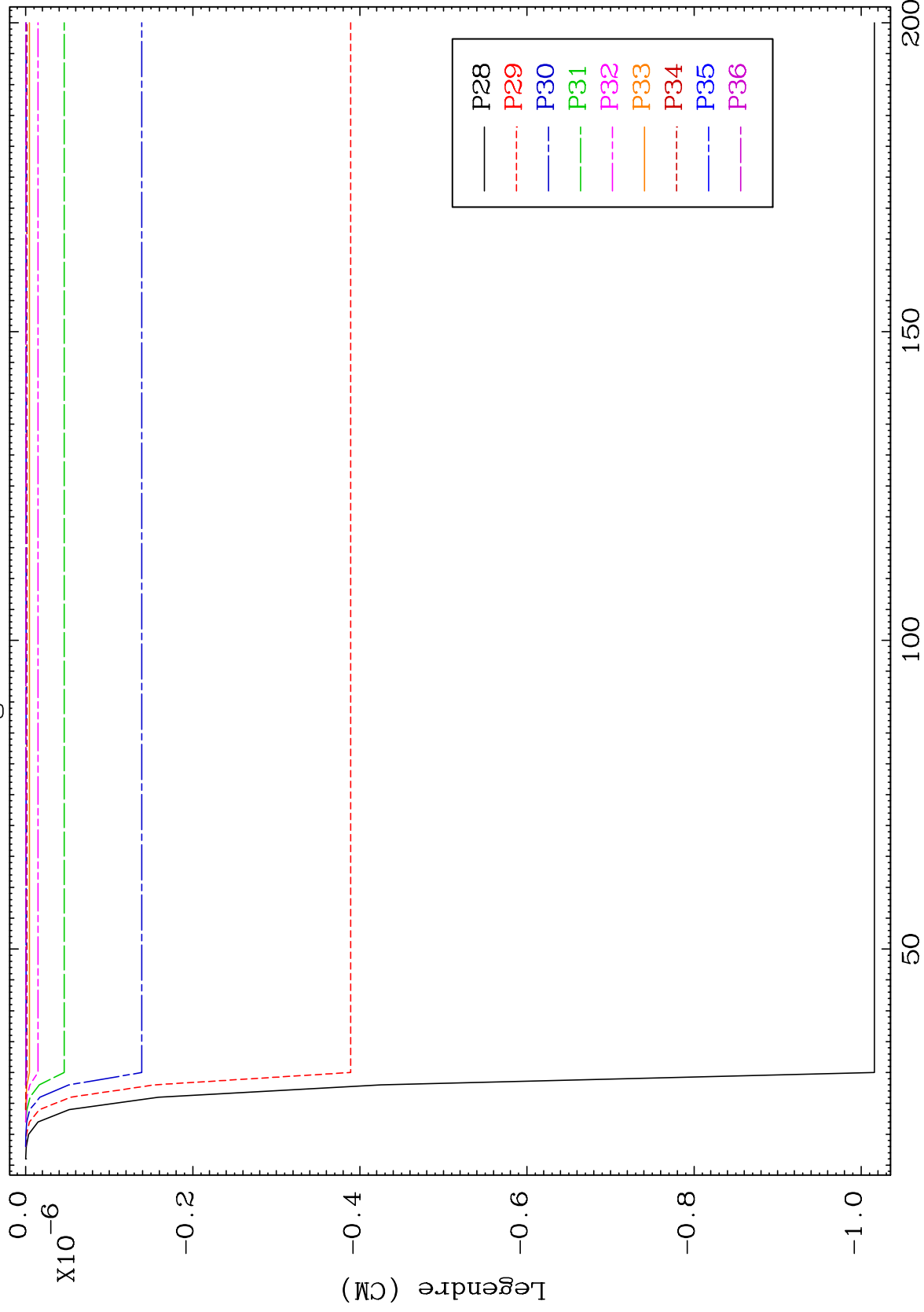
Incident Energy (MeV)

30

MAT 5683

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

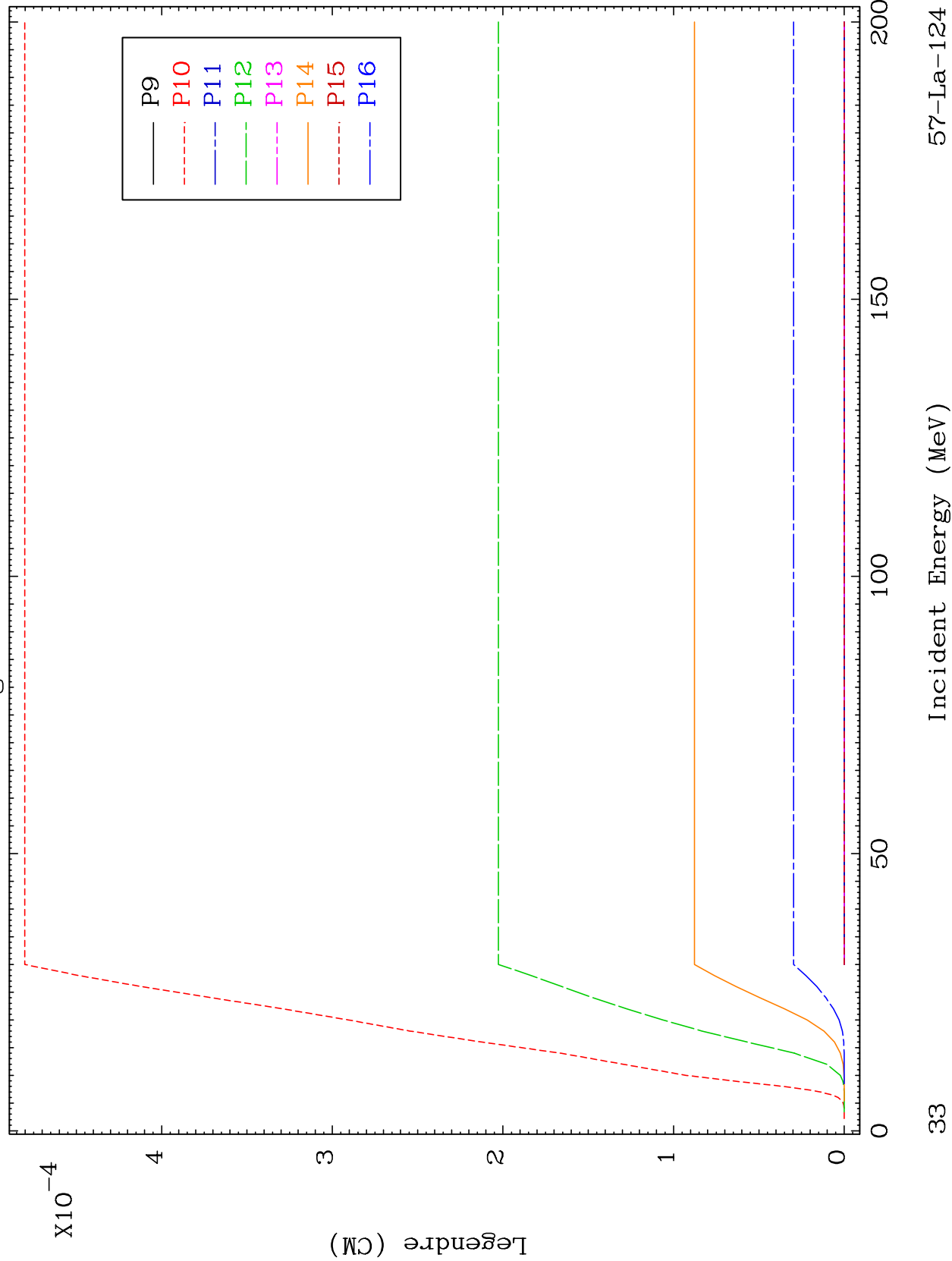
57-La-124



MAT 5683

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

57-La-124



57-La-124

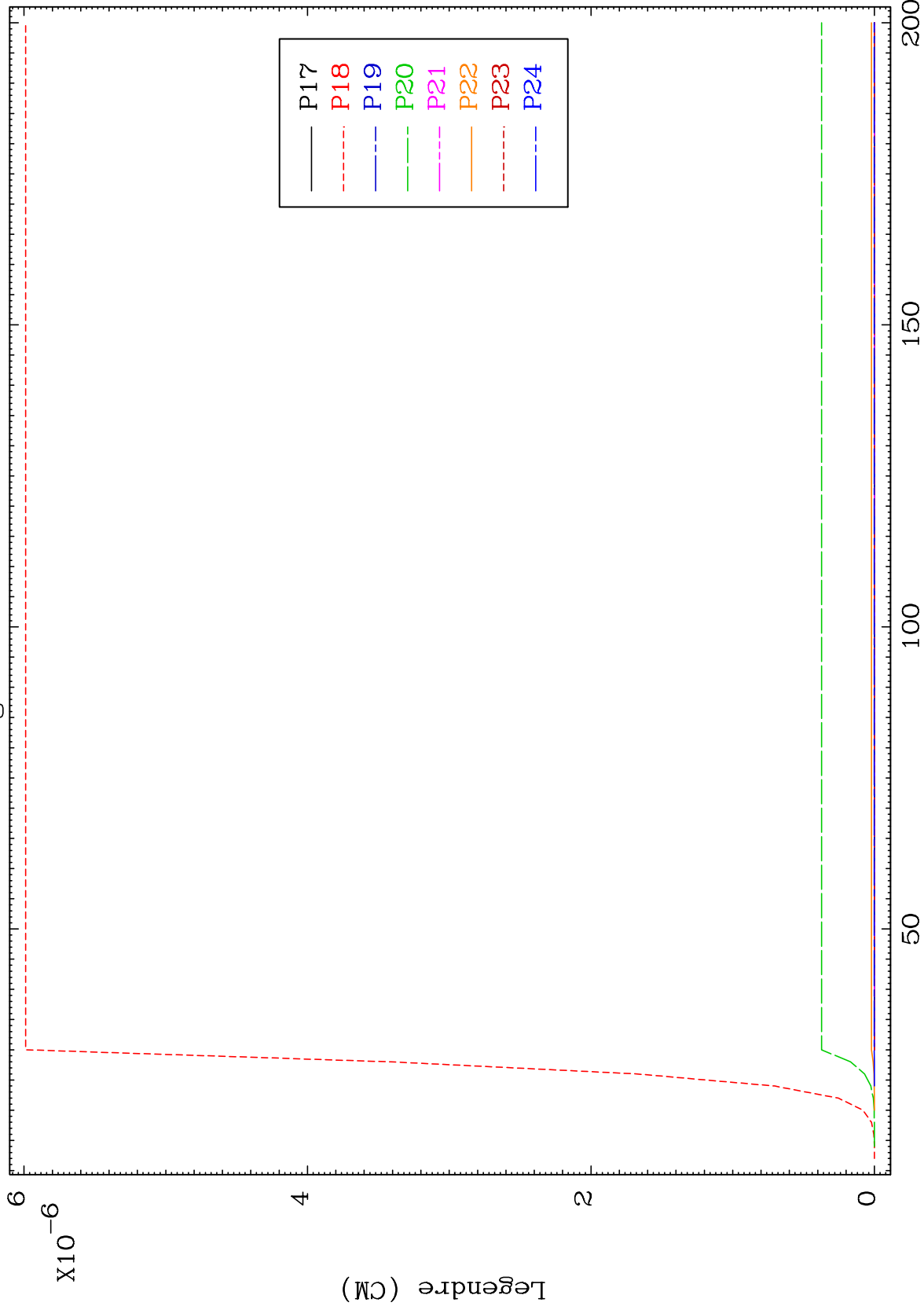
Incident Energy (MeV)

33

MAT 5683

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

57-La-124



57-La-124

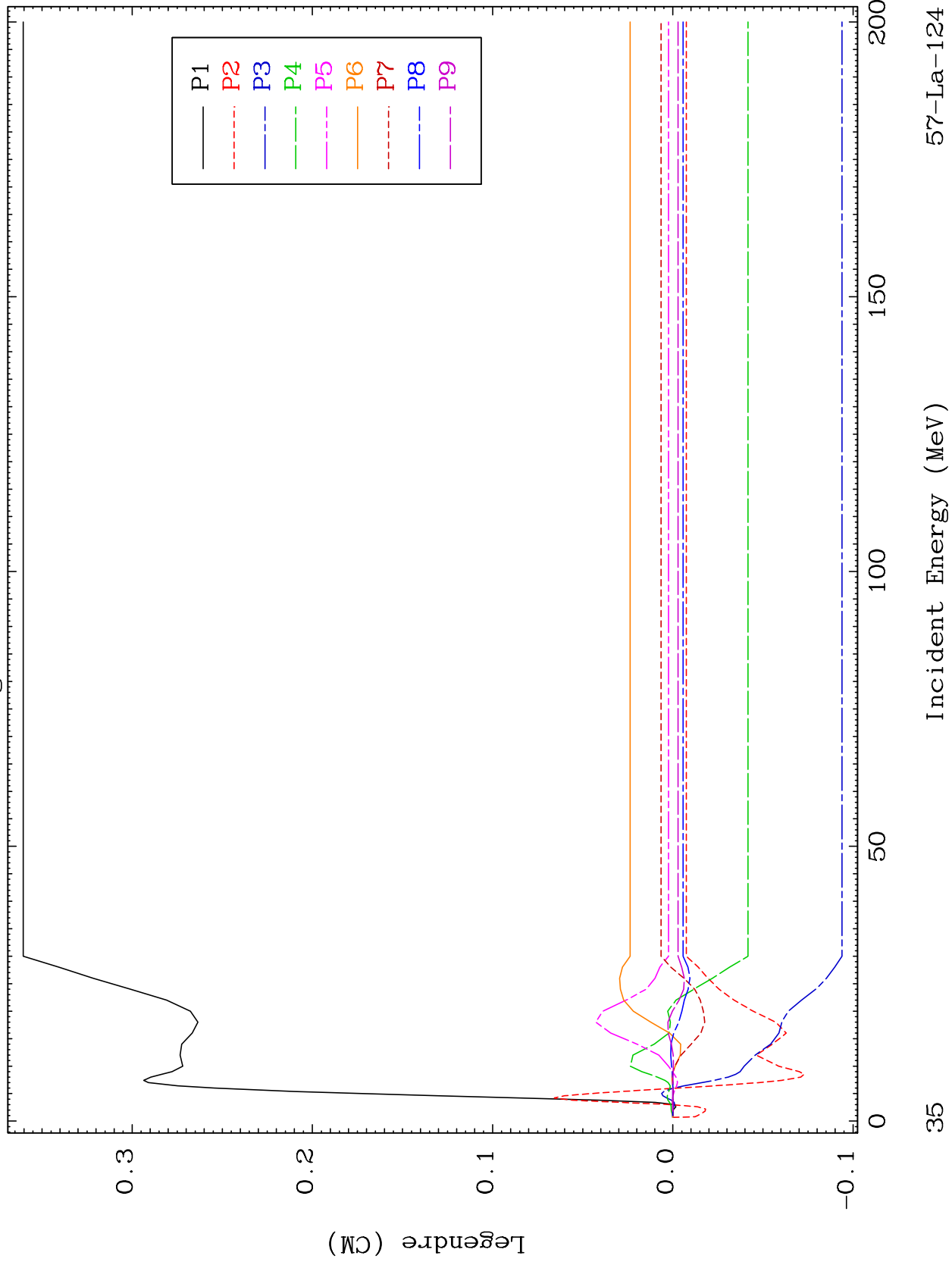
Incident Energy (MeV)

34

MAT 5683

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

57-La-124



57-La-124

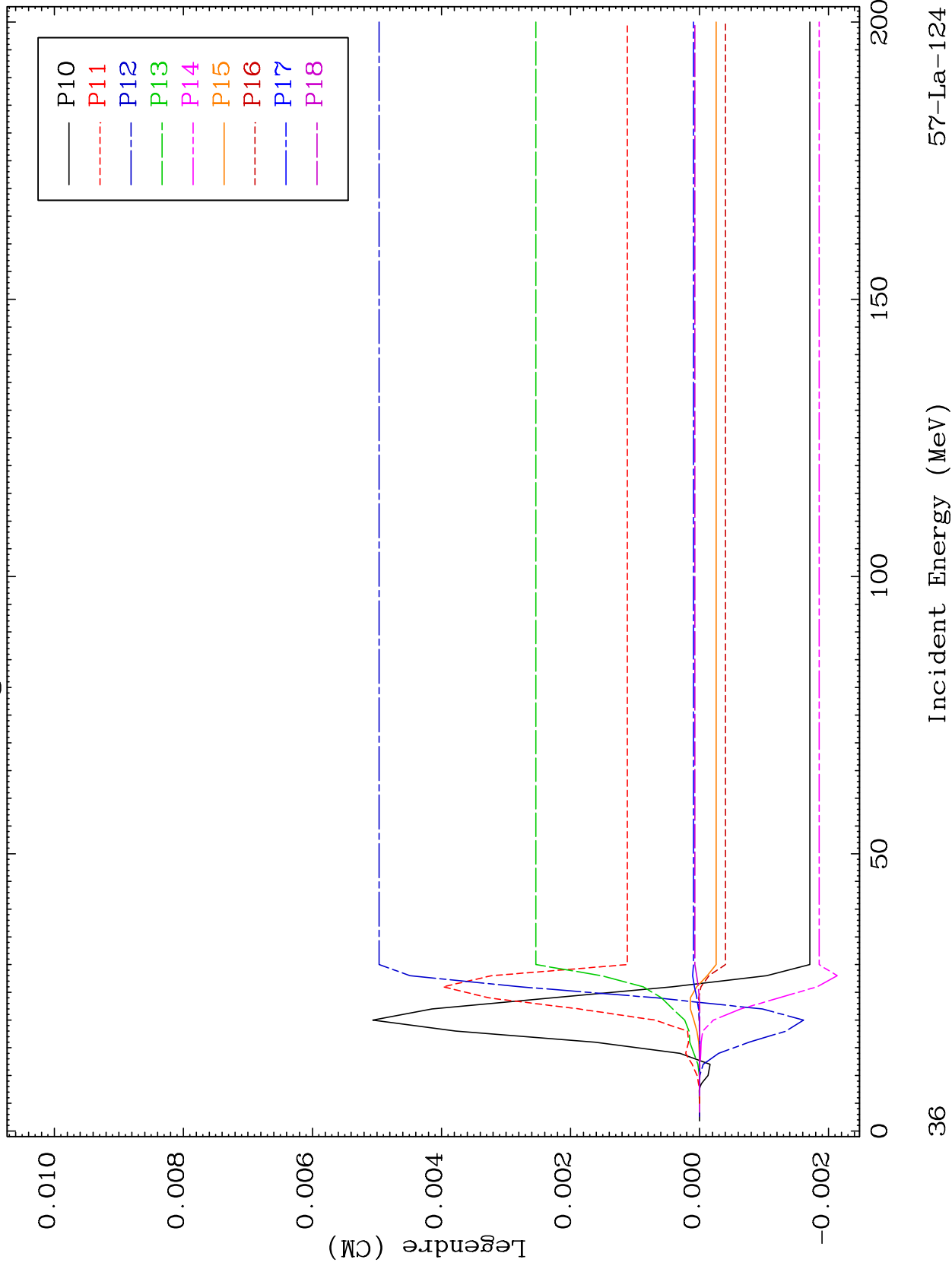
Incident Energy (MeV)

35

MAT 5683

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

57-La-124



36

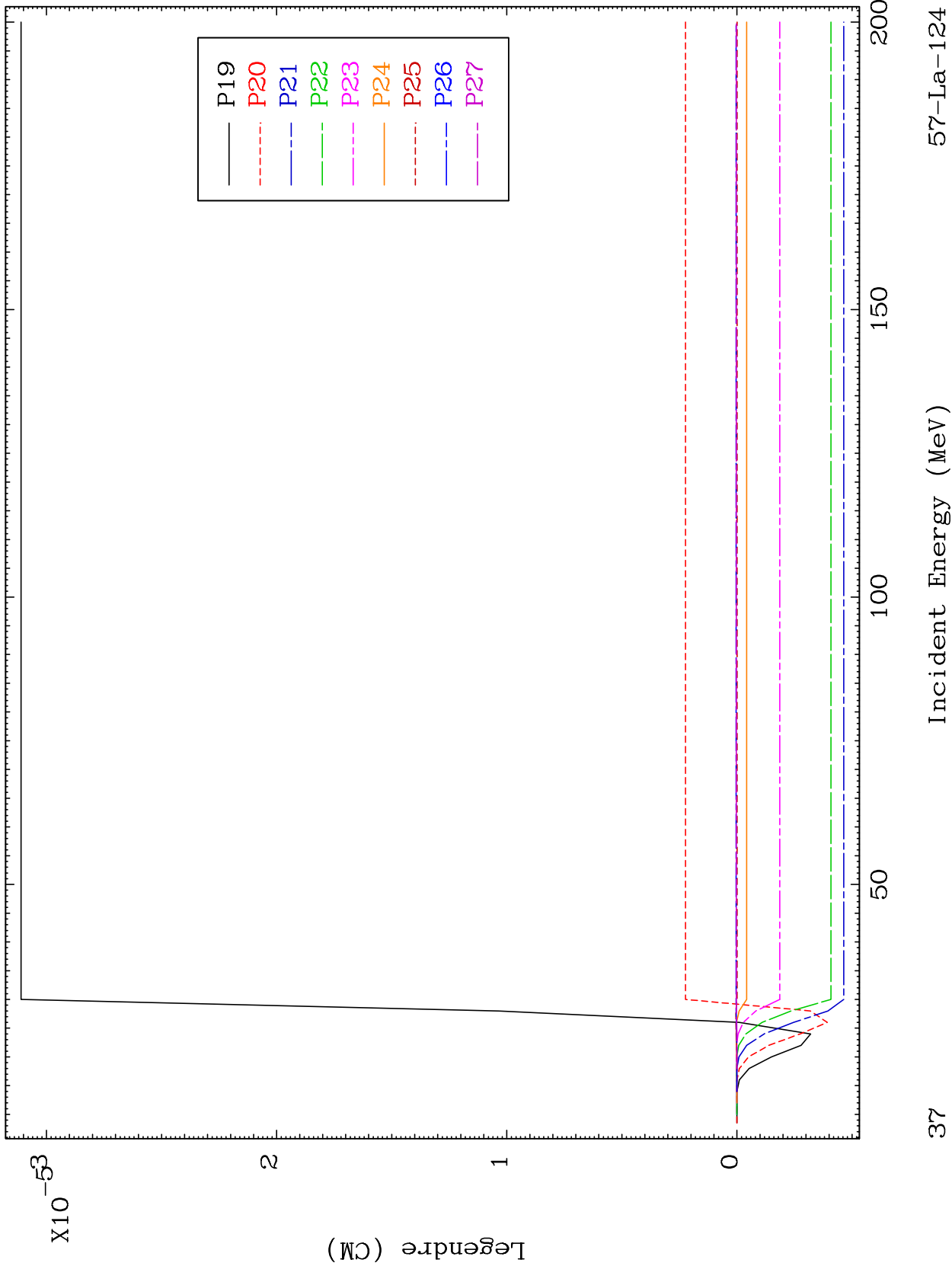
Incident Energy (MeV)

57-La-124

MAT 5683

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

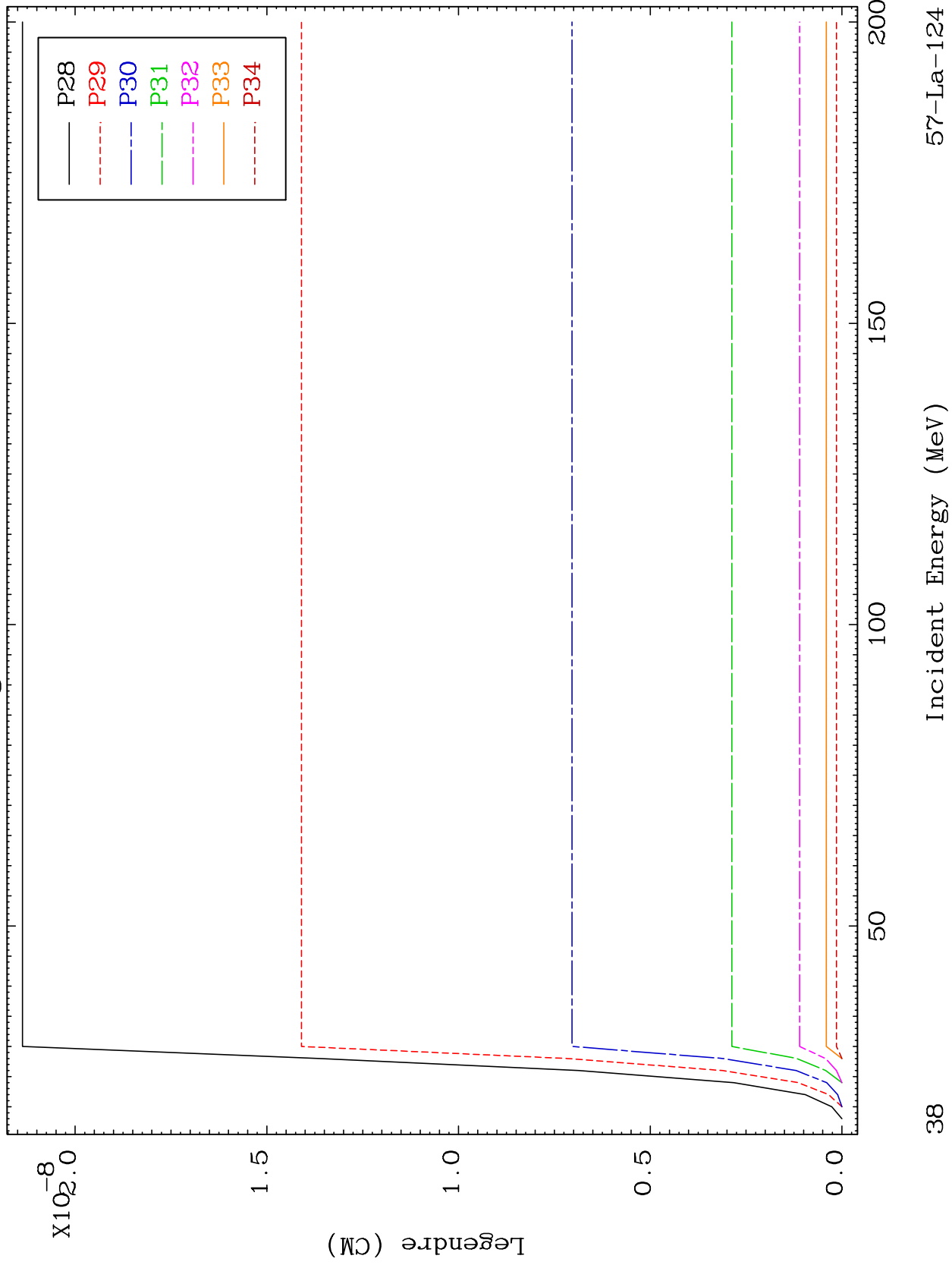
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MAT 5683

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

57-La-124



38

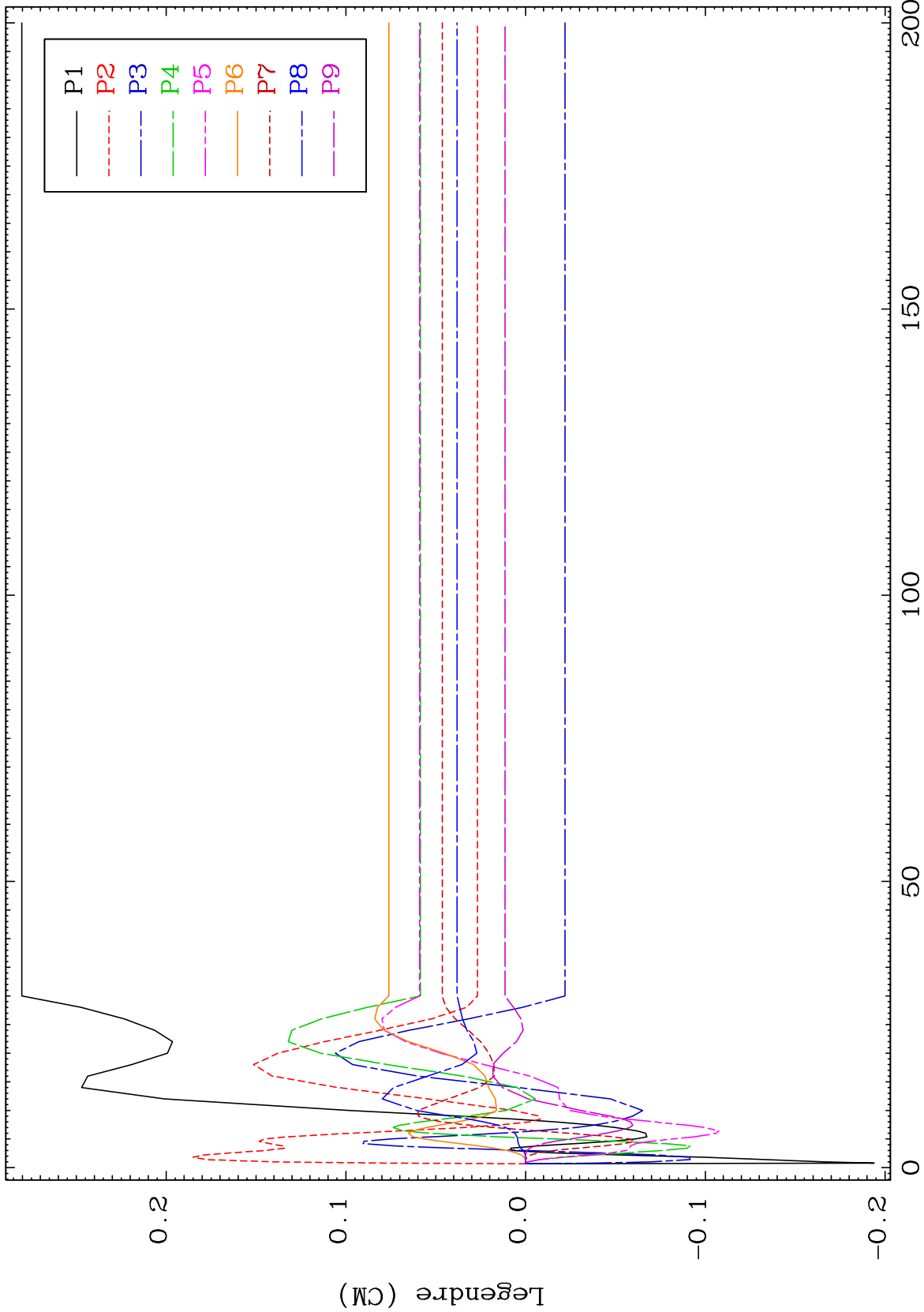
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



39

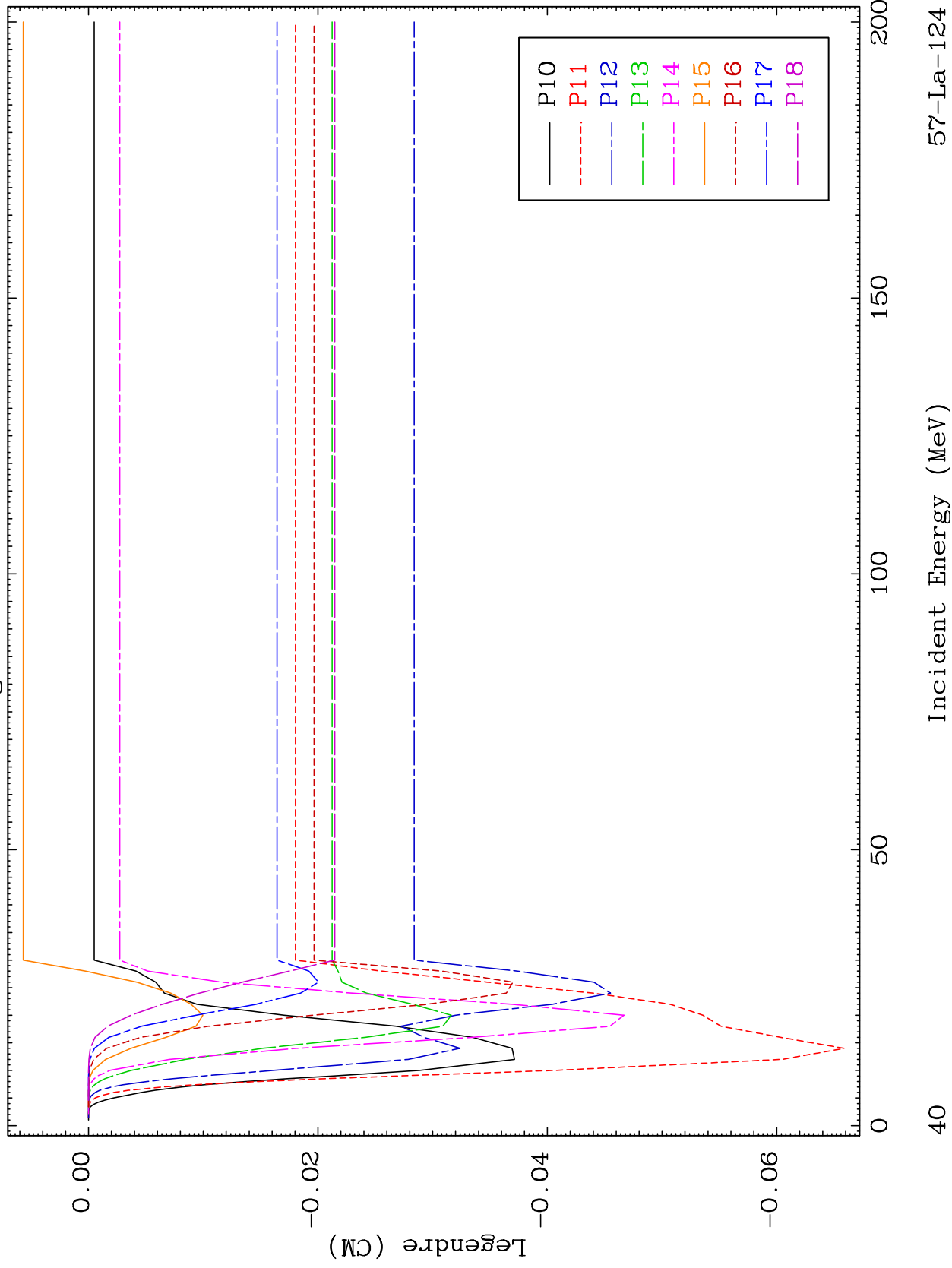
Incident Energy (MeV)

57-La-124

MAT 5683

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

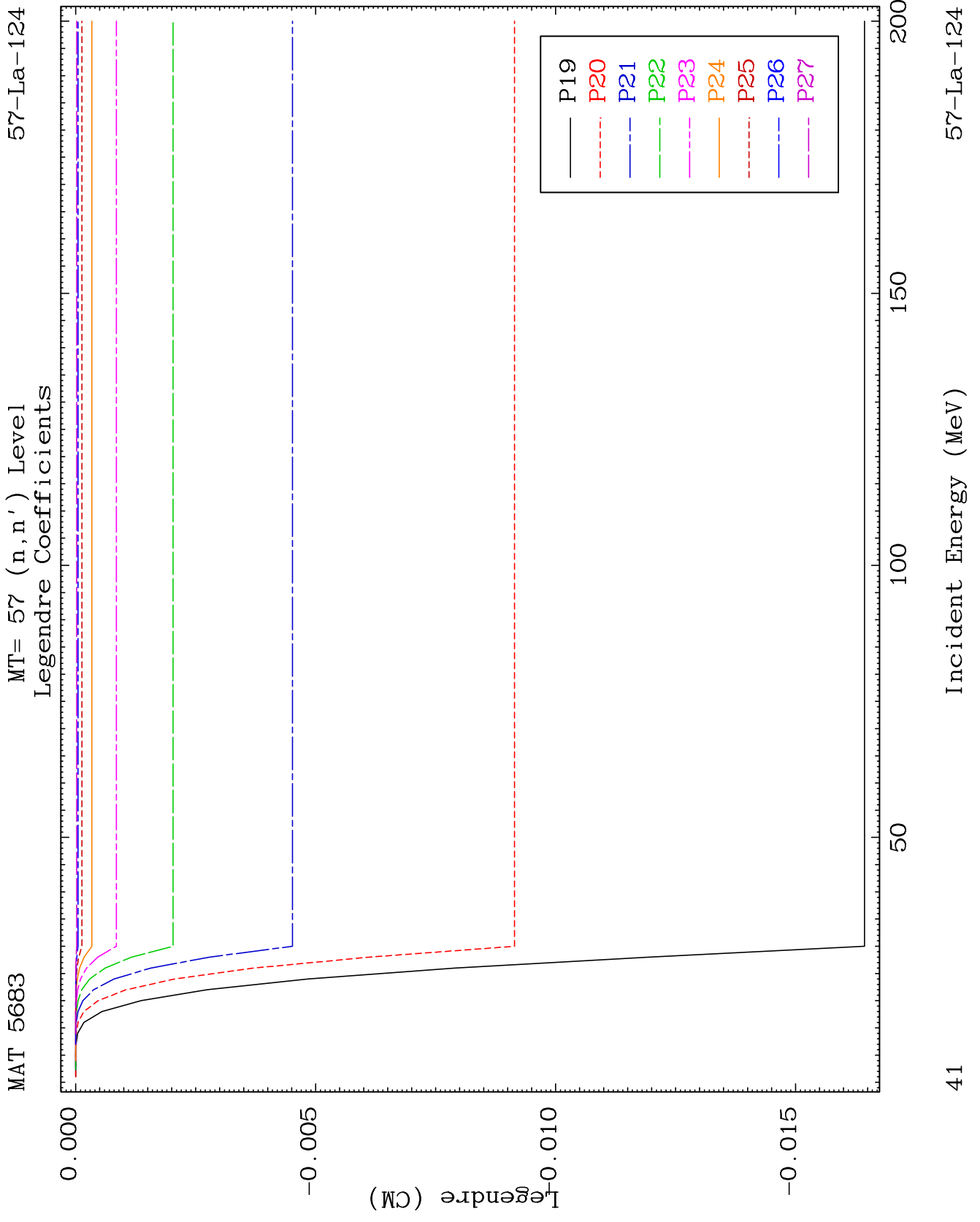
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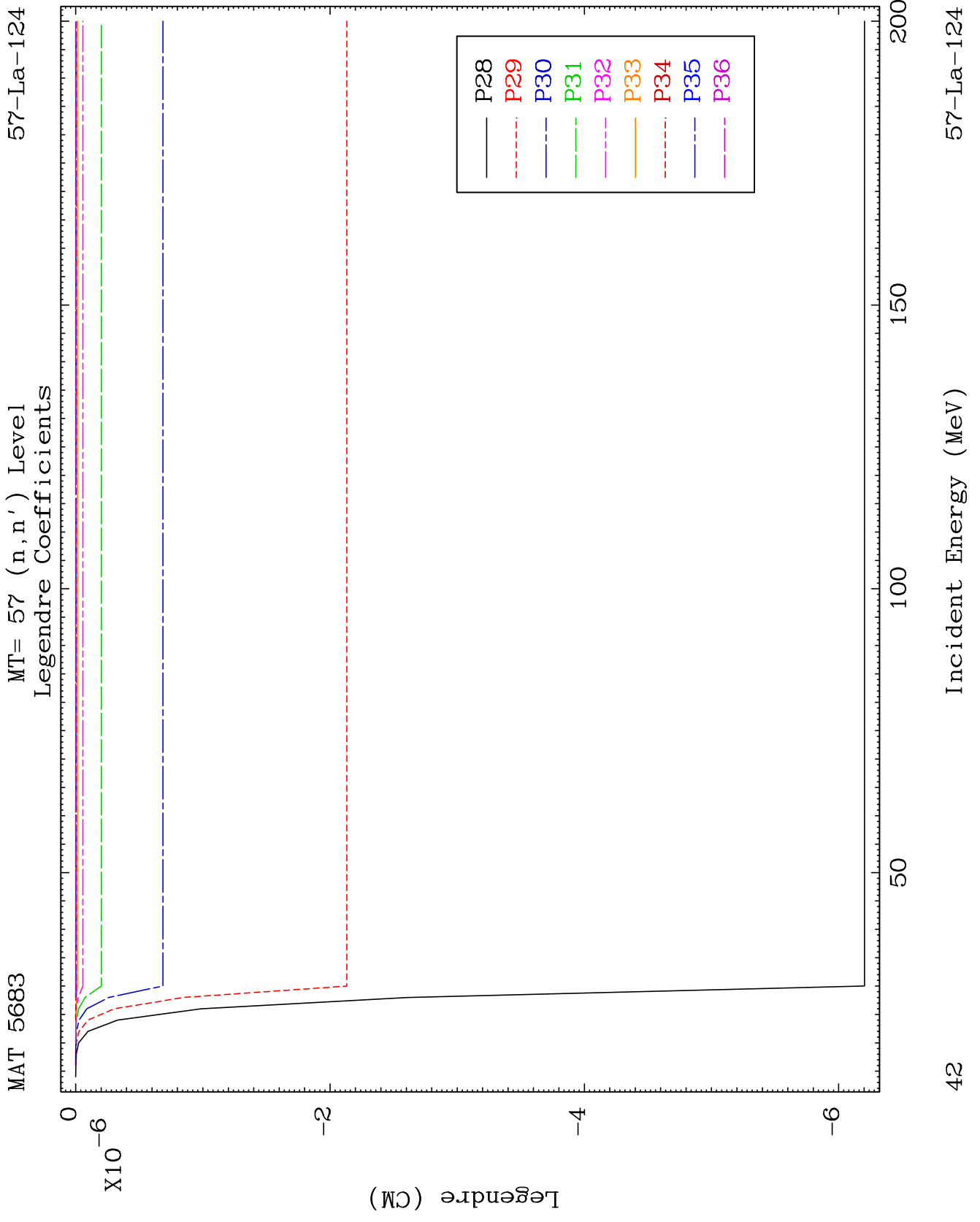


57-La-124

Incident Energy (MeV)

40



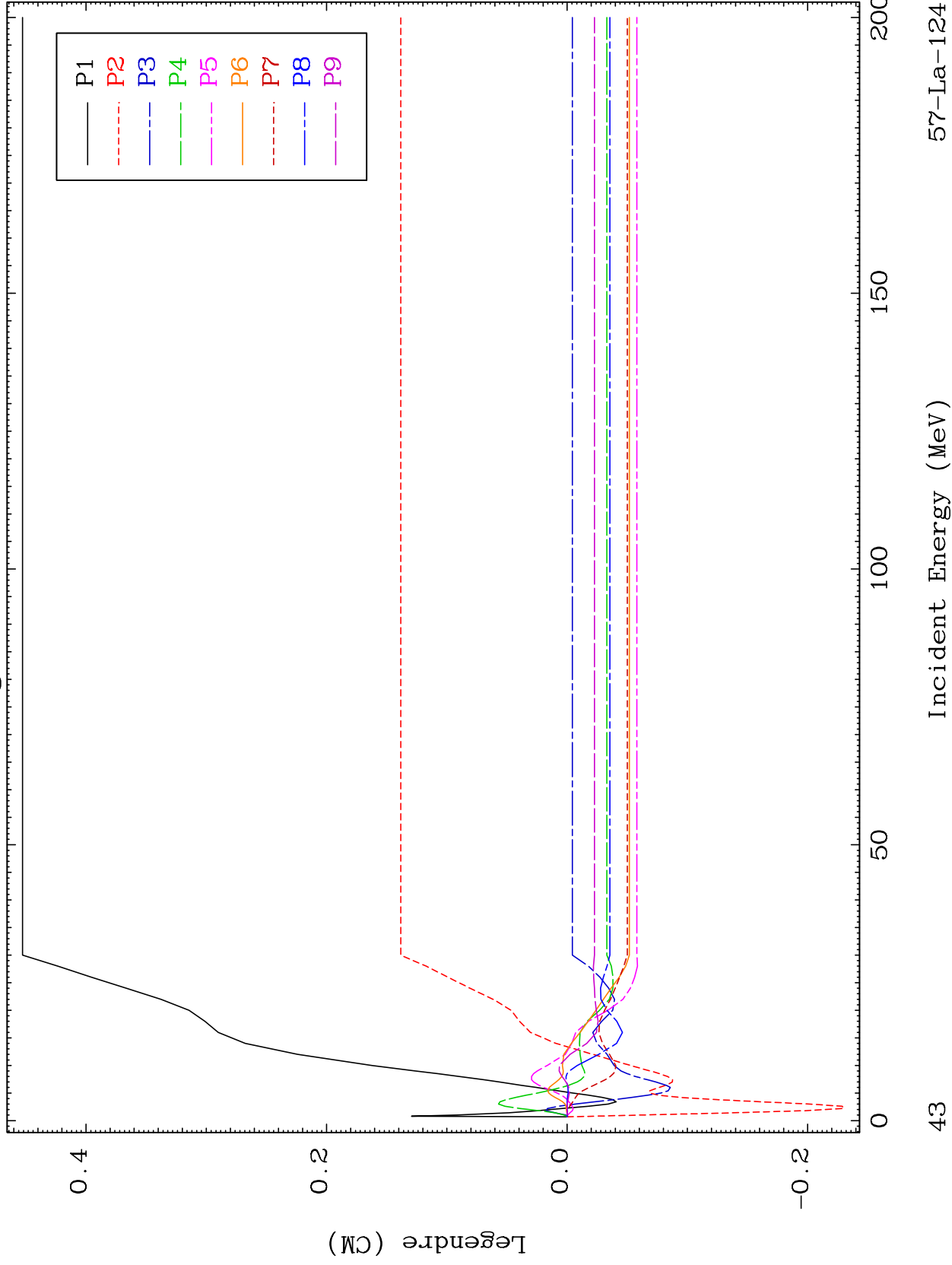


MAT 5683

MT= 58 (n,n') Level

57-La-124

Legendre Coefficients



57-La-124

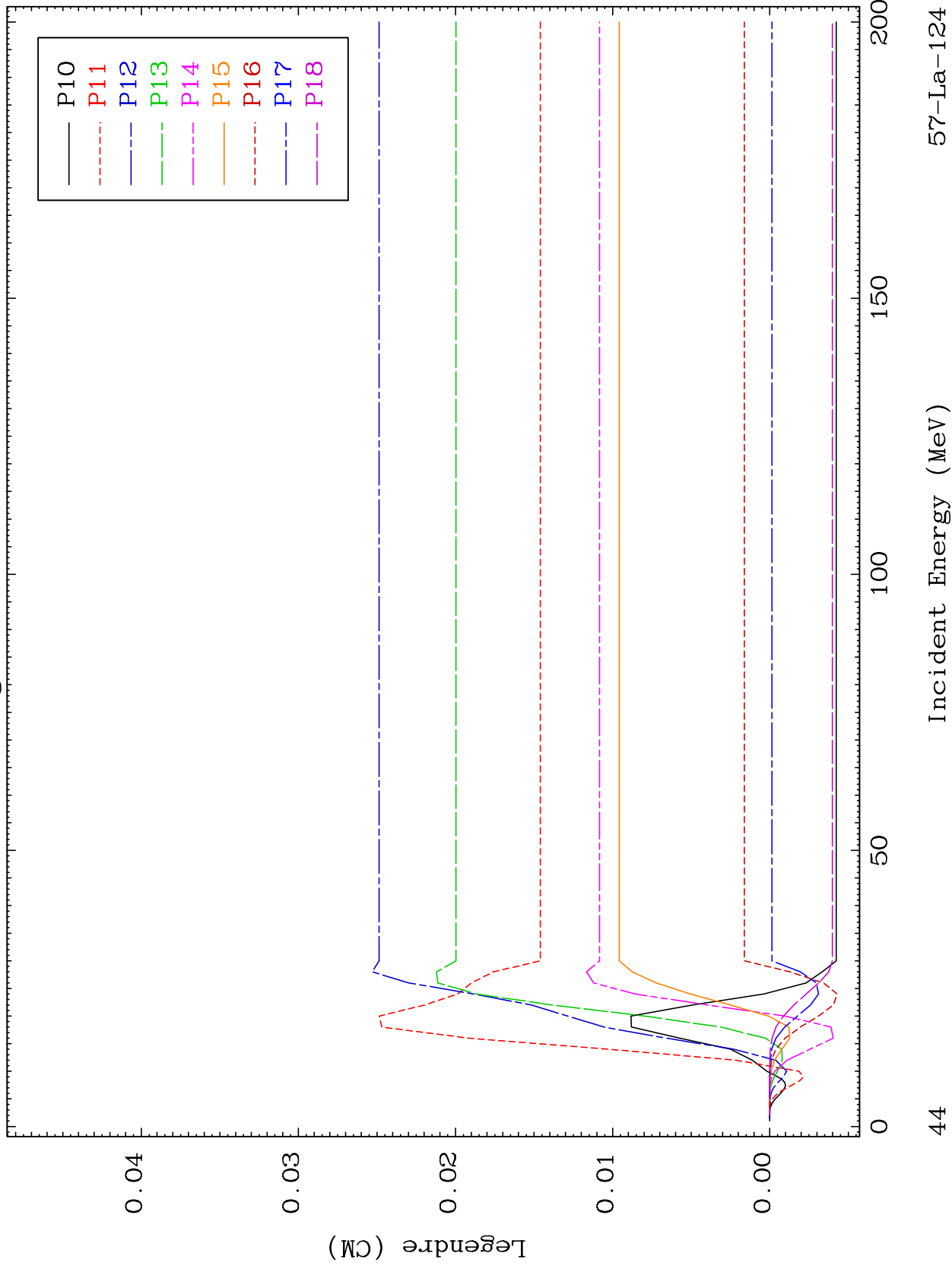
Incident Energy (MeV)

43

MAT 5683

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

57-La-124



44

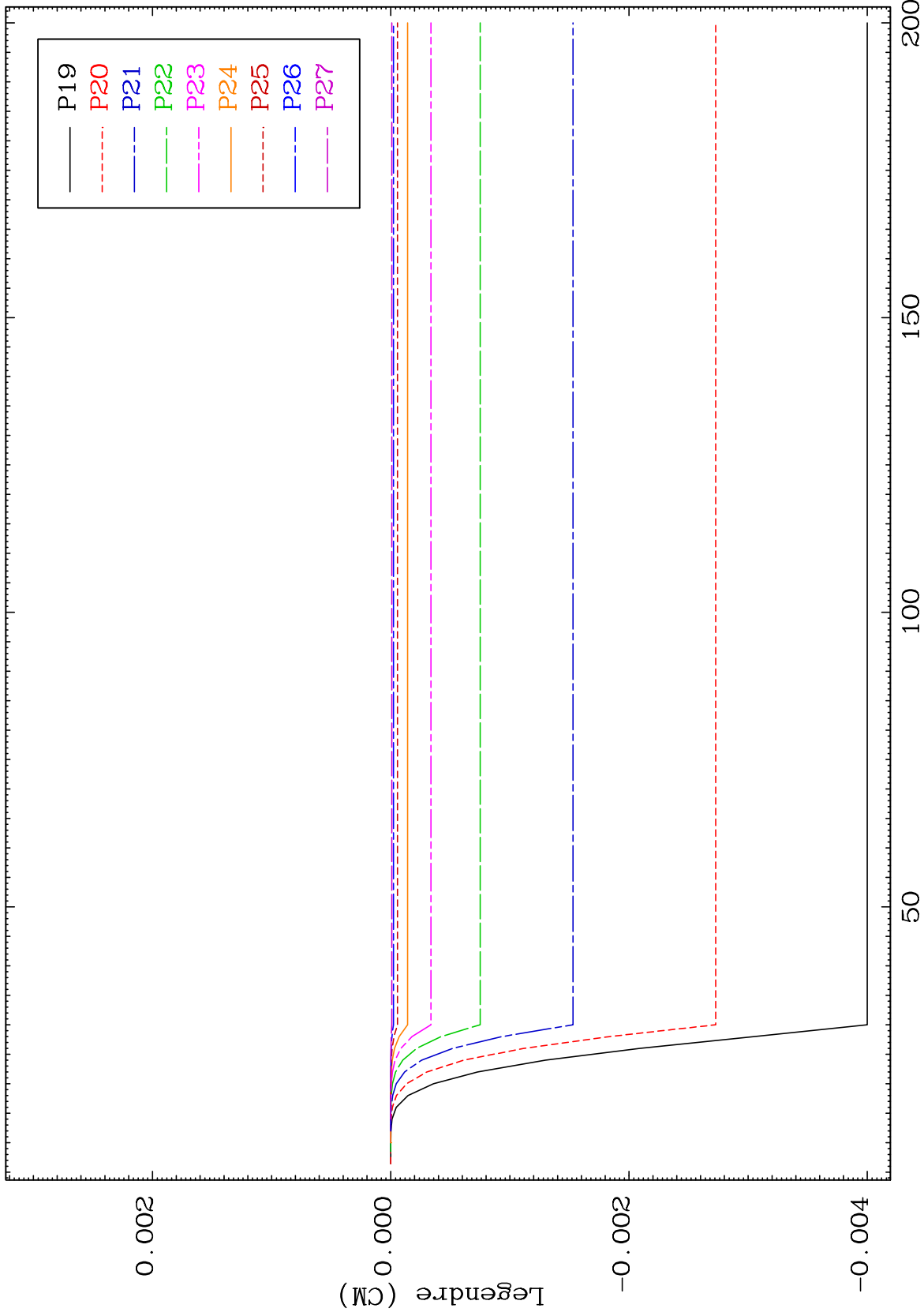
Incident Energy (MeV)

57-La-124

MAT 5683

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

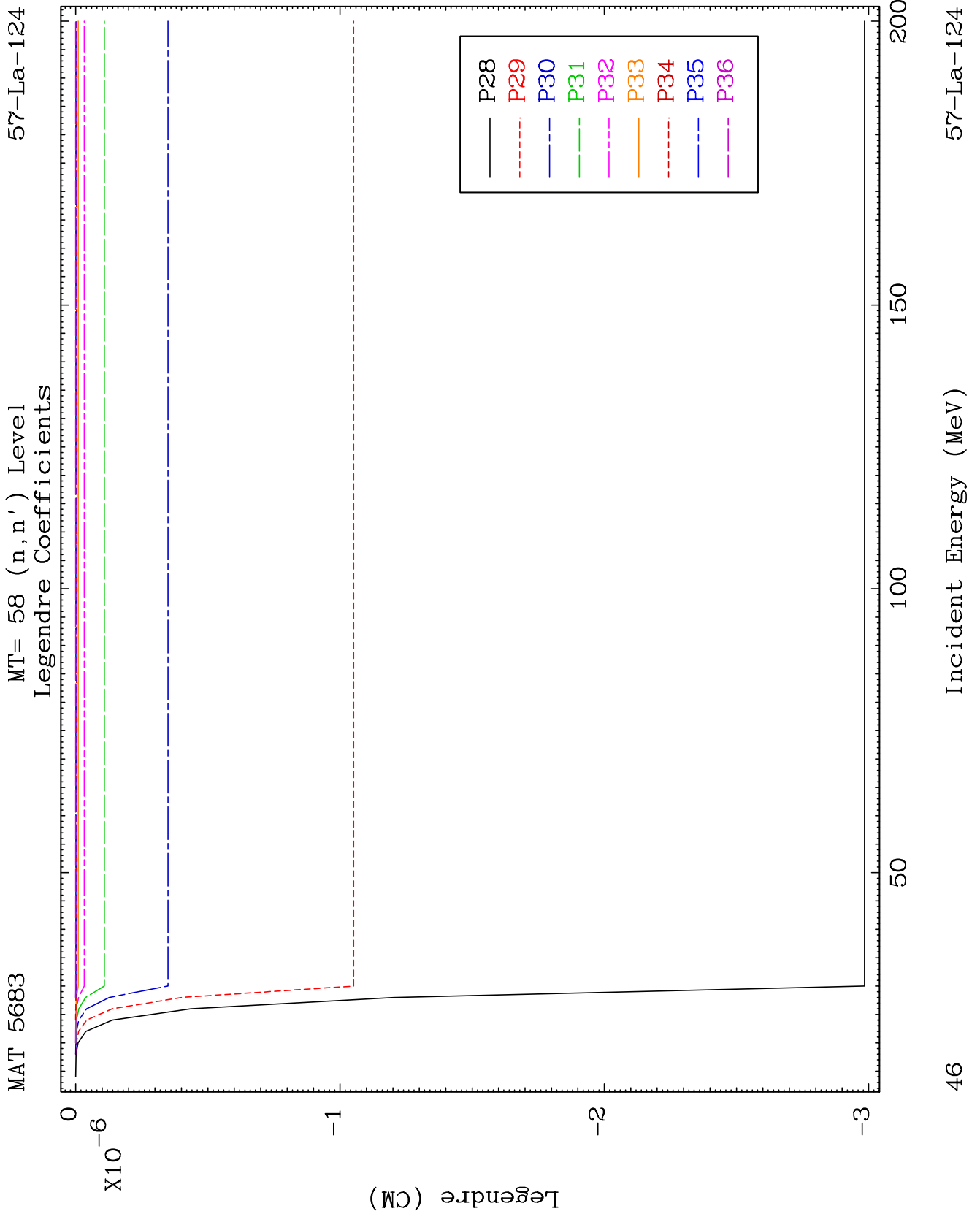
57-La-124



45

Incident Energy (MeV)

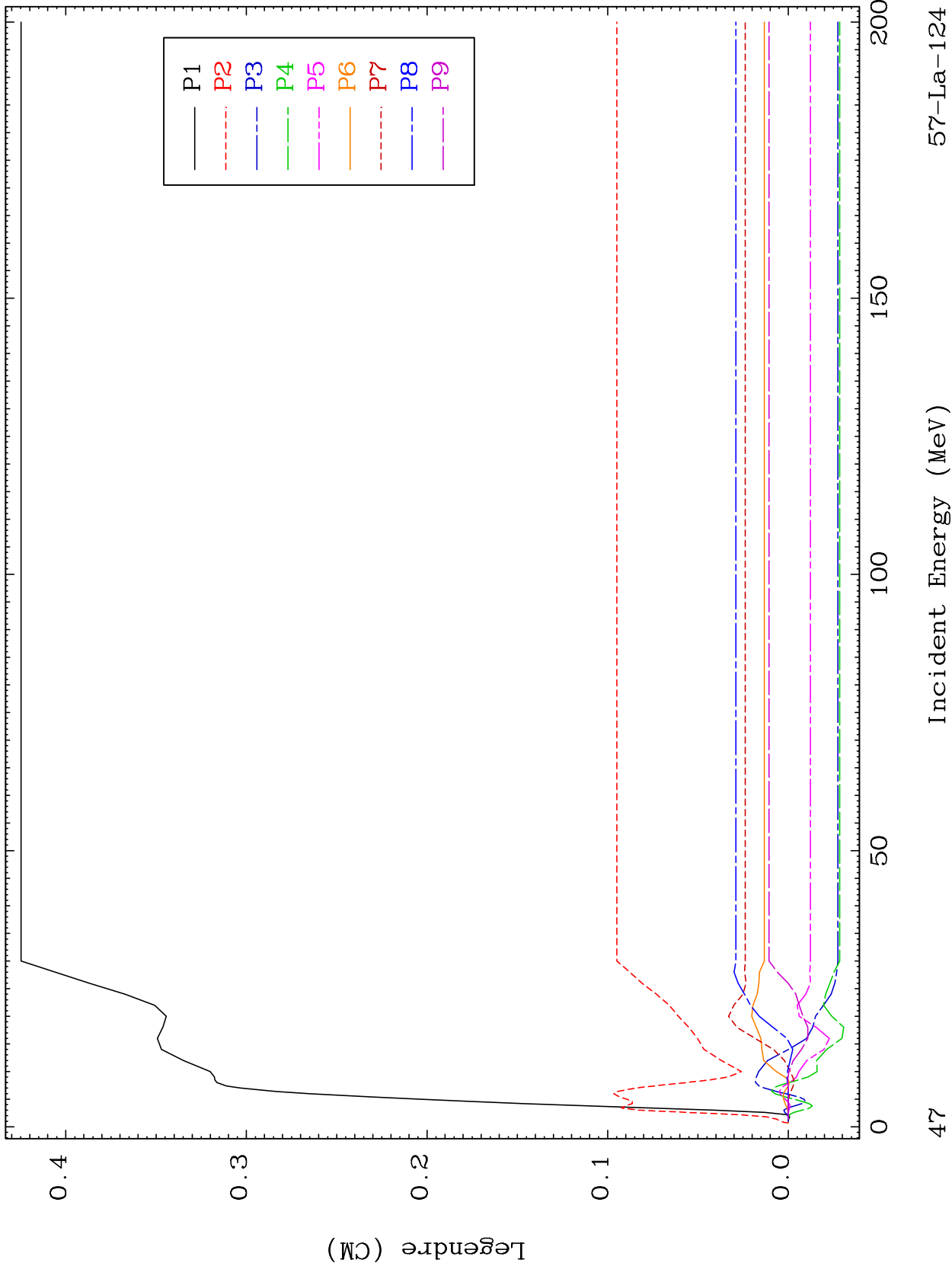
57-La-124



MAT 5683

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

57-La-124



57-La-124

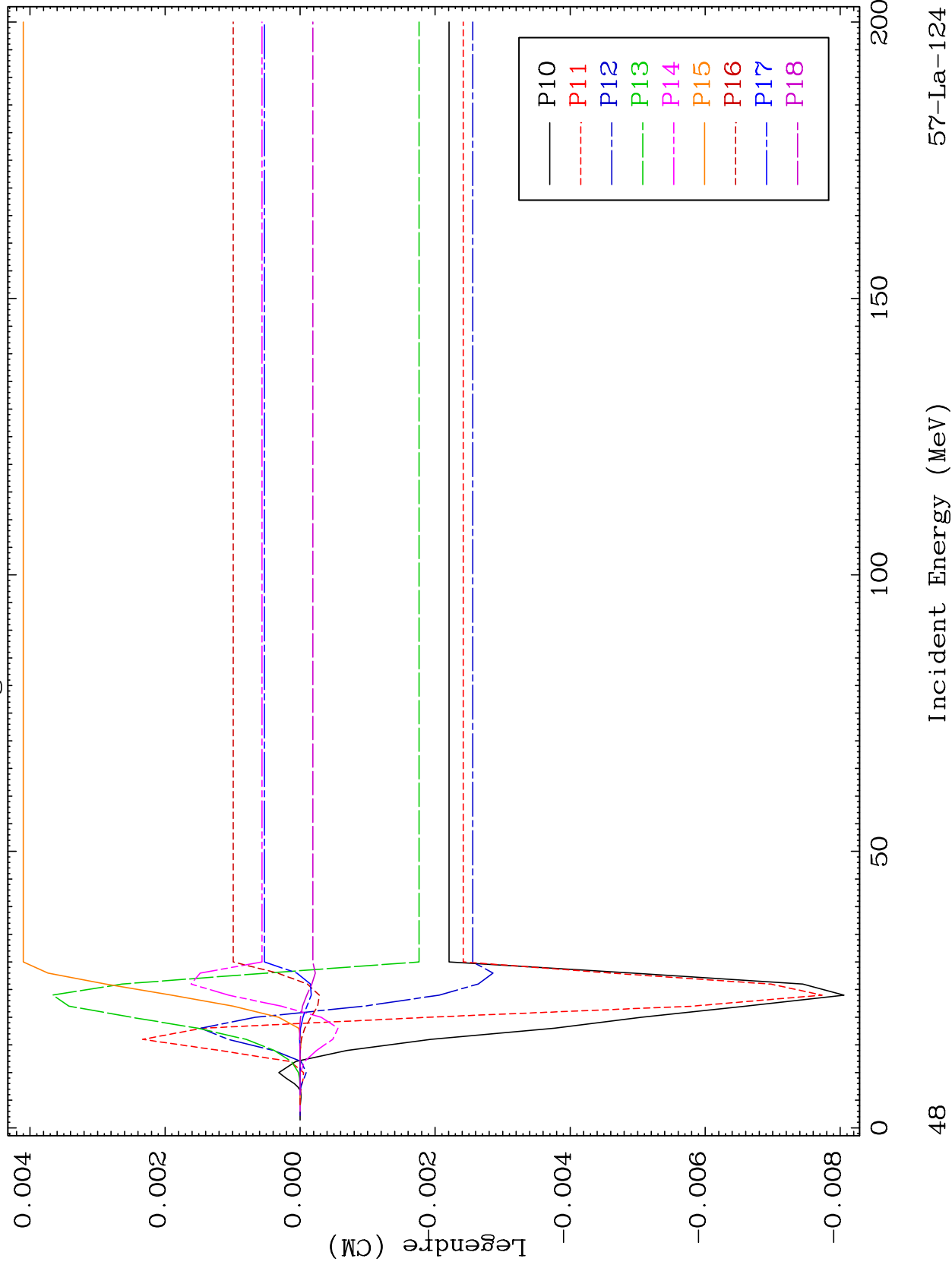
Incident Energy (MeV)

47

MAT 5683

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

57-La-124



48

Incident Energy (MeV)

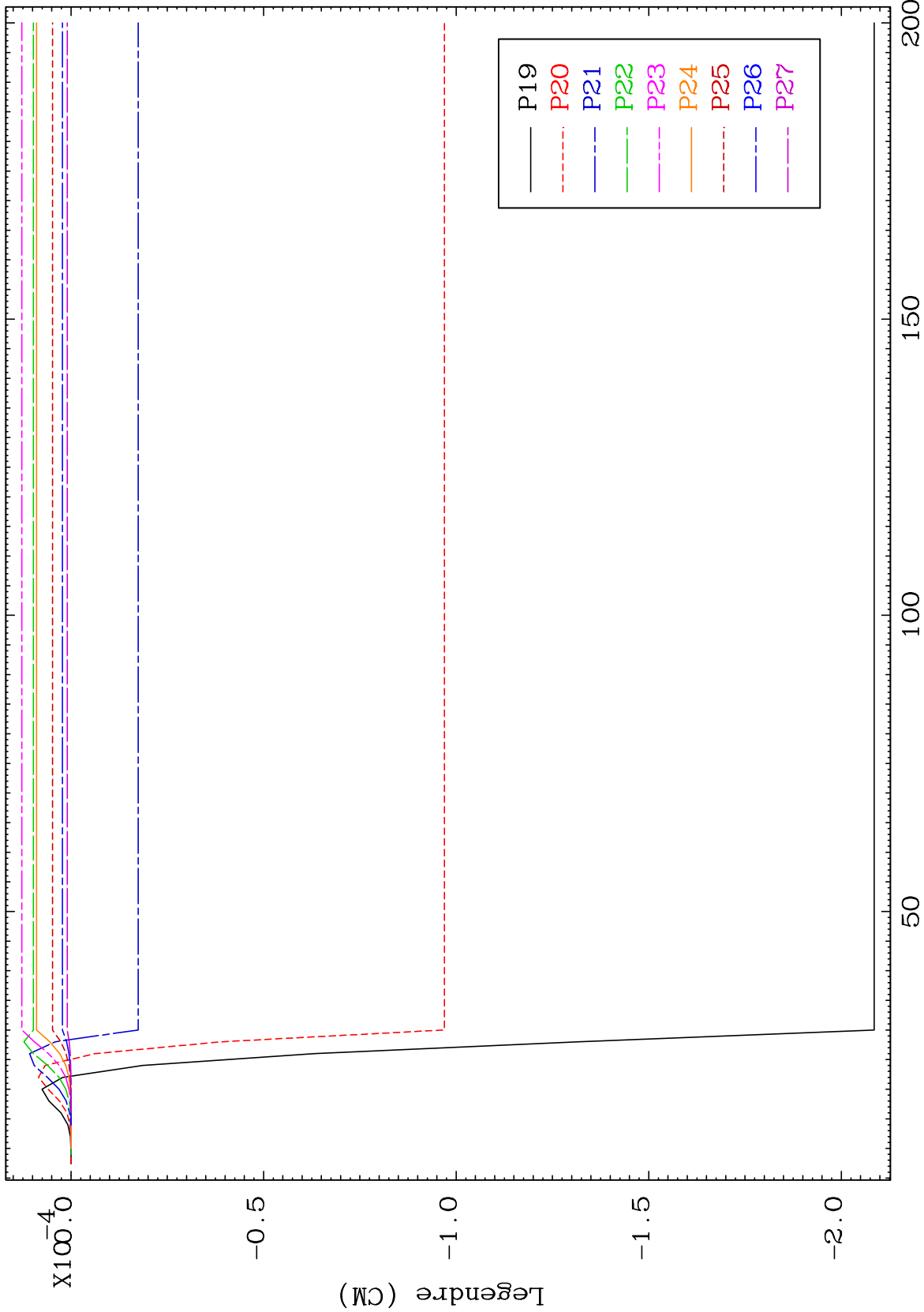
57-La-124

MAT 5683

MT= 59 (n,n') Level

57-La-124

Legendre Coefficients



49

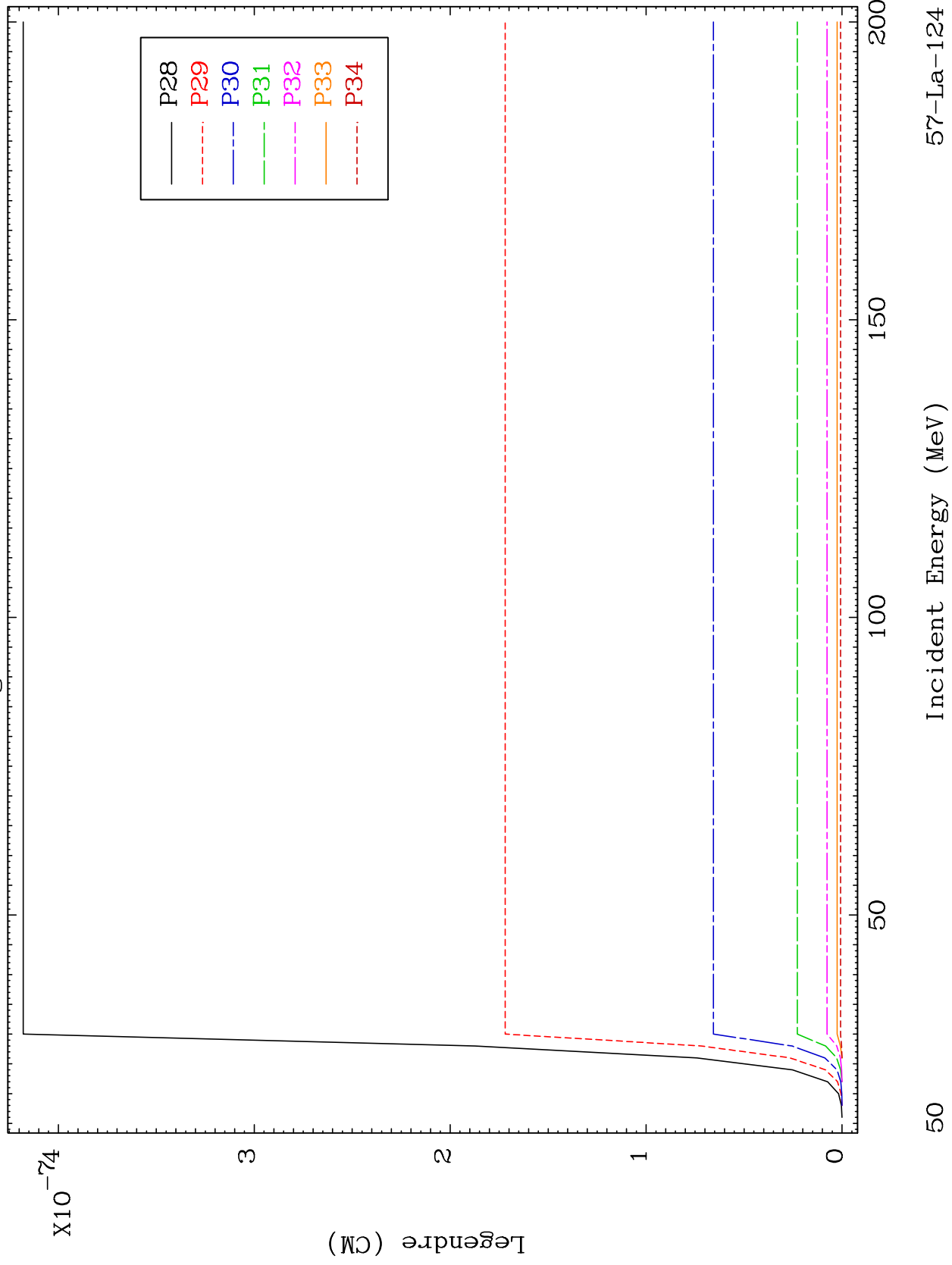
Incident Energy (MeV)

57-La-124

MAT 5683

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

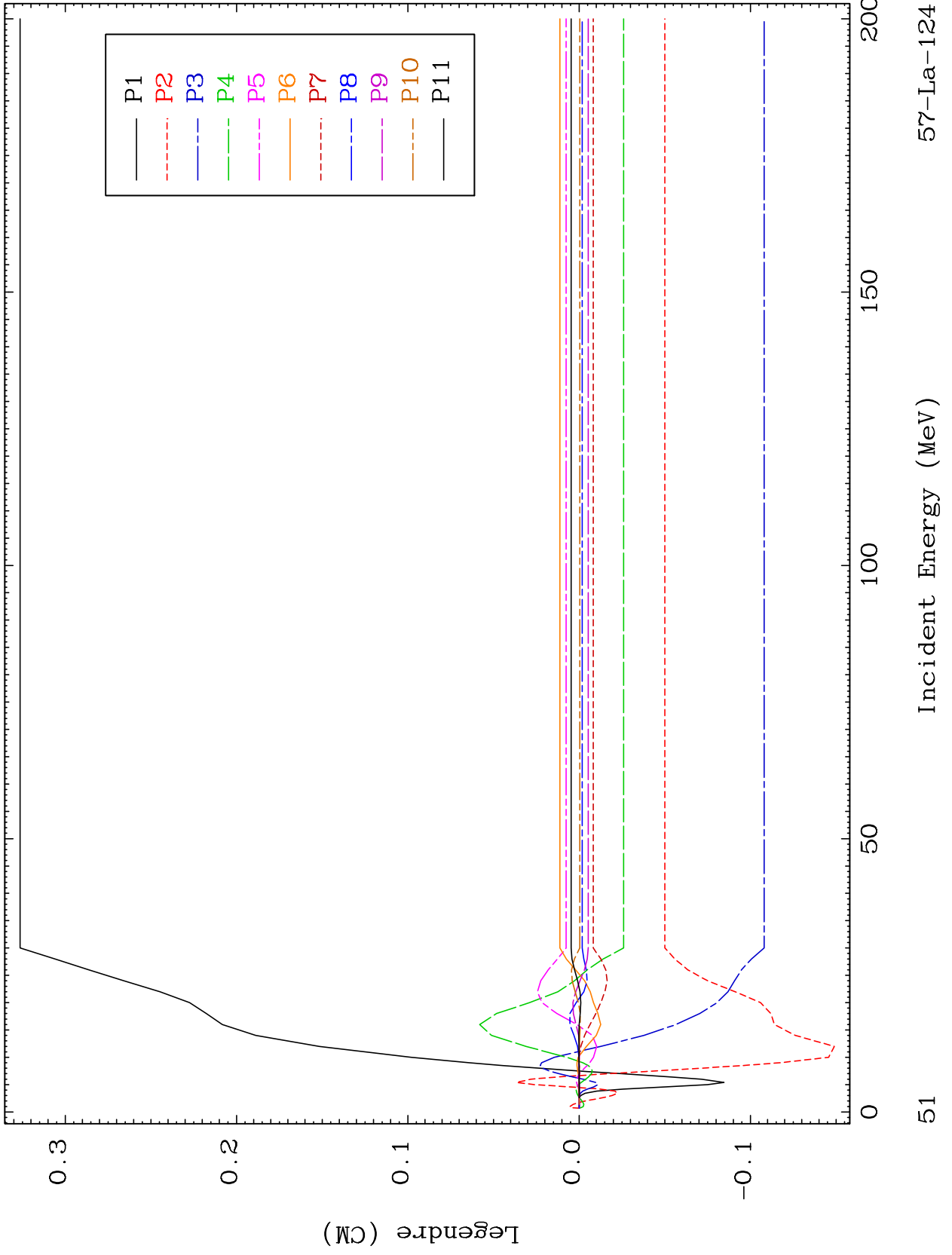
57-La-124



MAT 5683

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

57-La-124



57-La-124

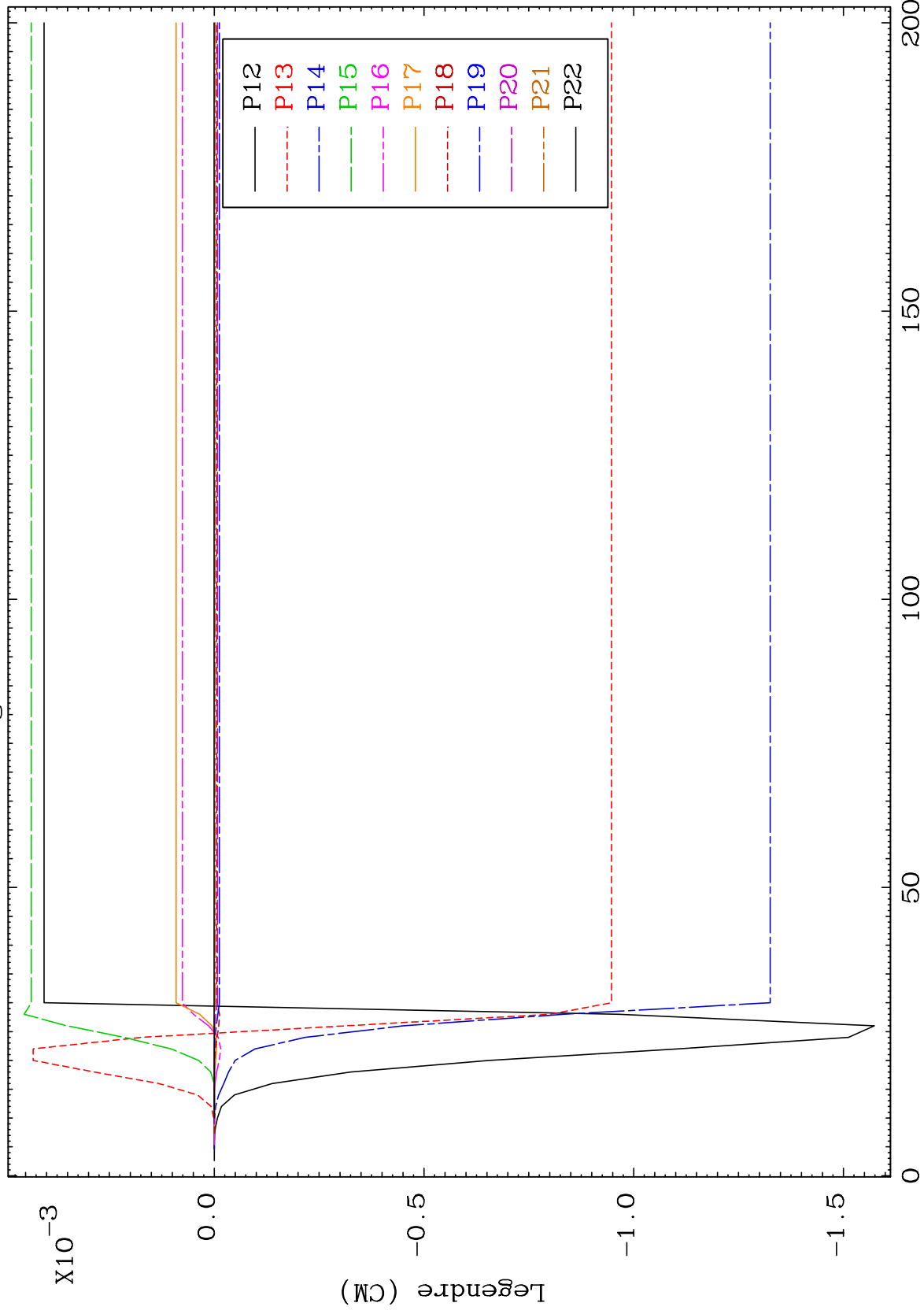
Incident Energy (MeV)

51

MAT 5683

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

57-La-124



52

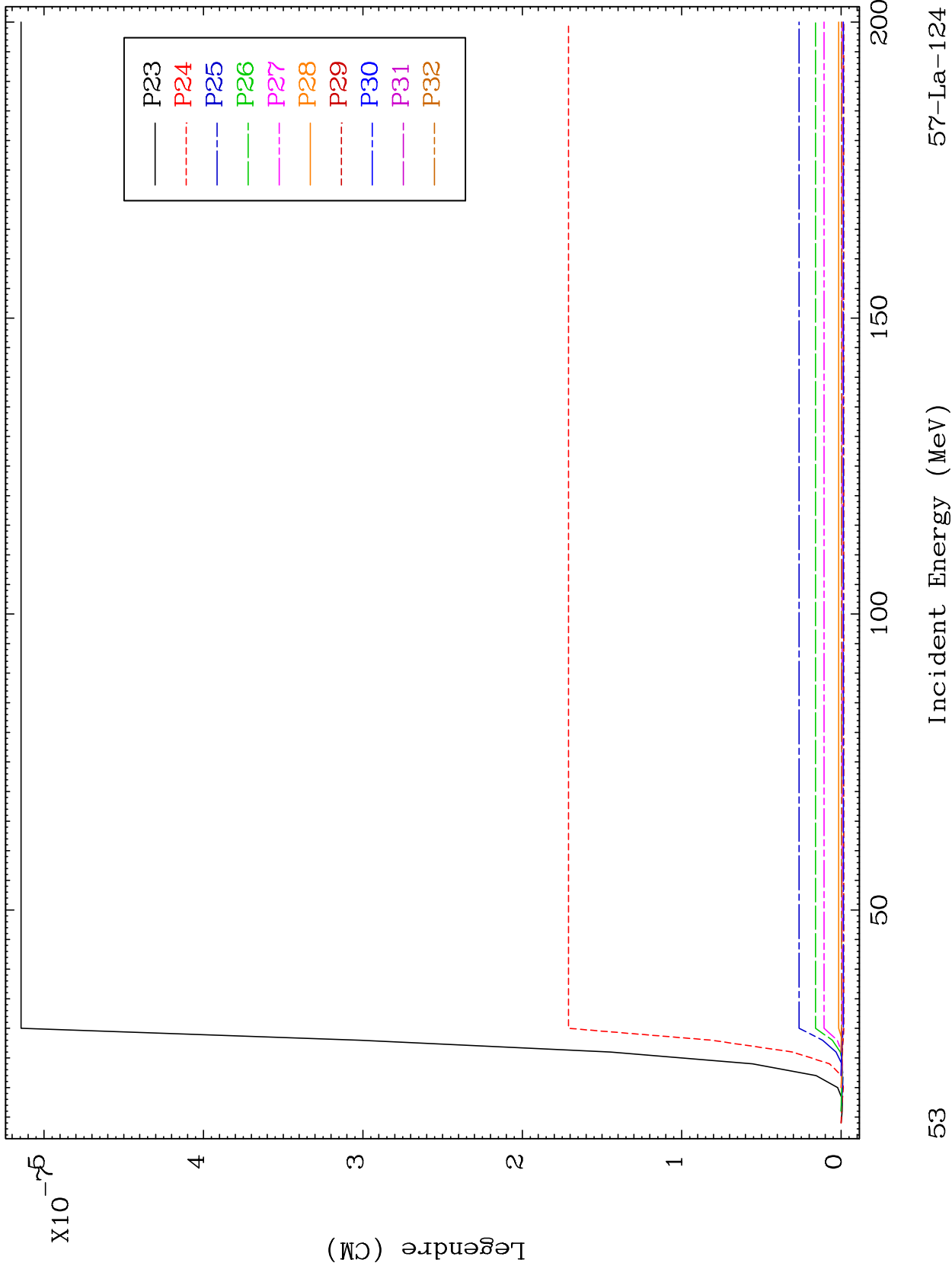
Incident Energy (MeV)

57-La-124

MAT 5683

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

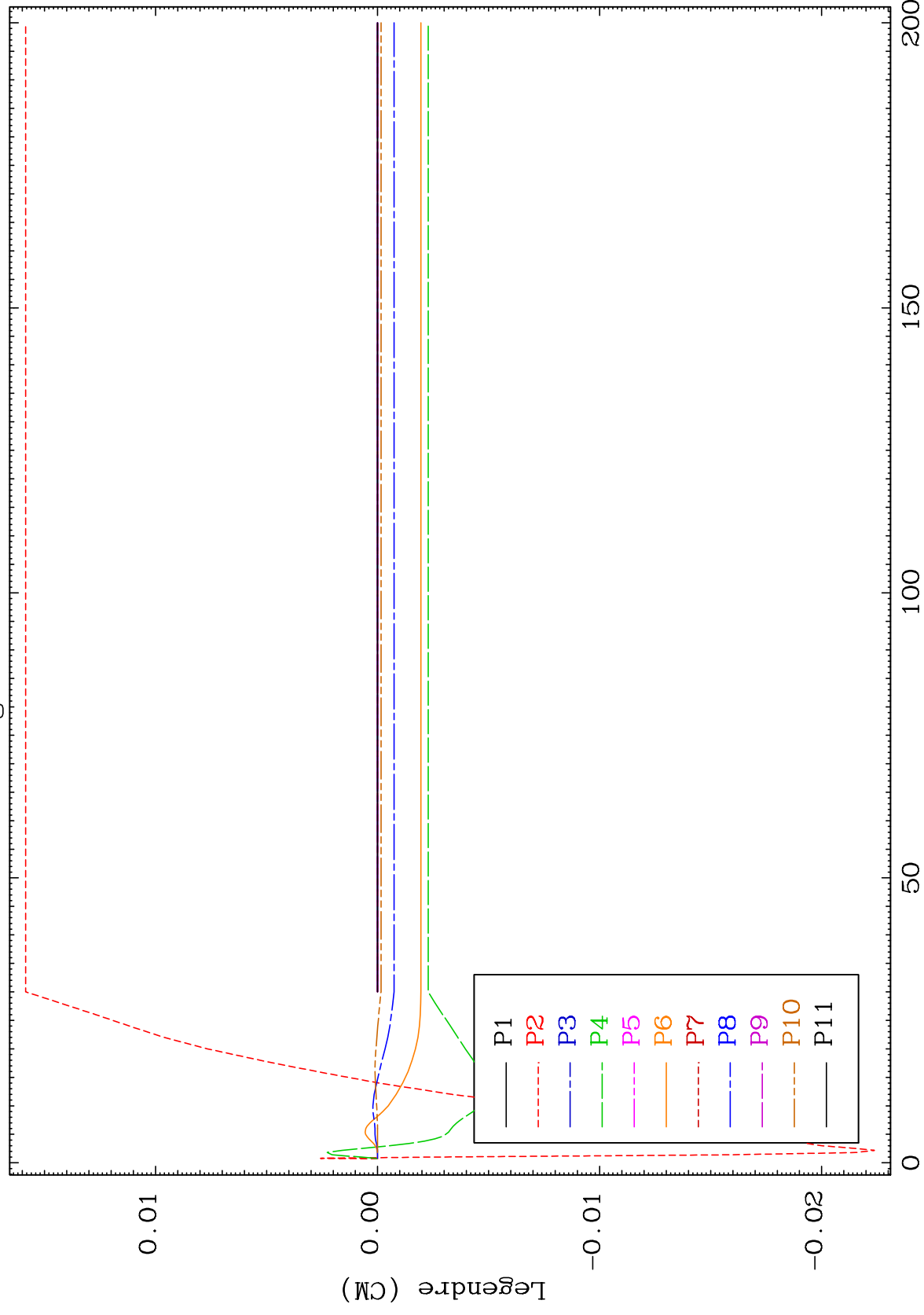
57-La-124



MAT 5683

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

57-La-124



57-La-124

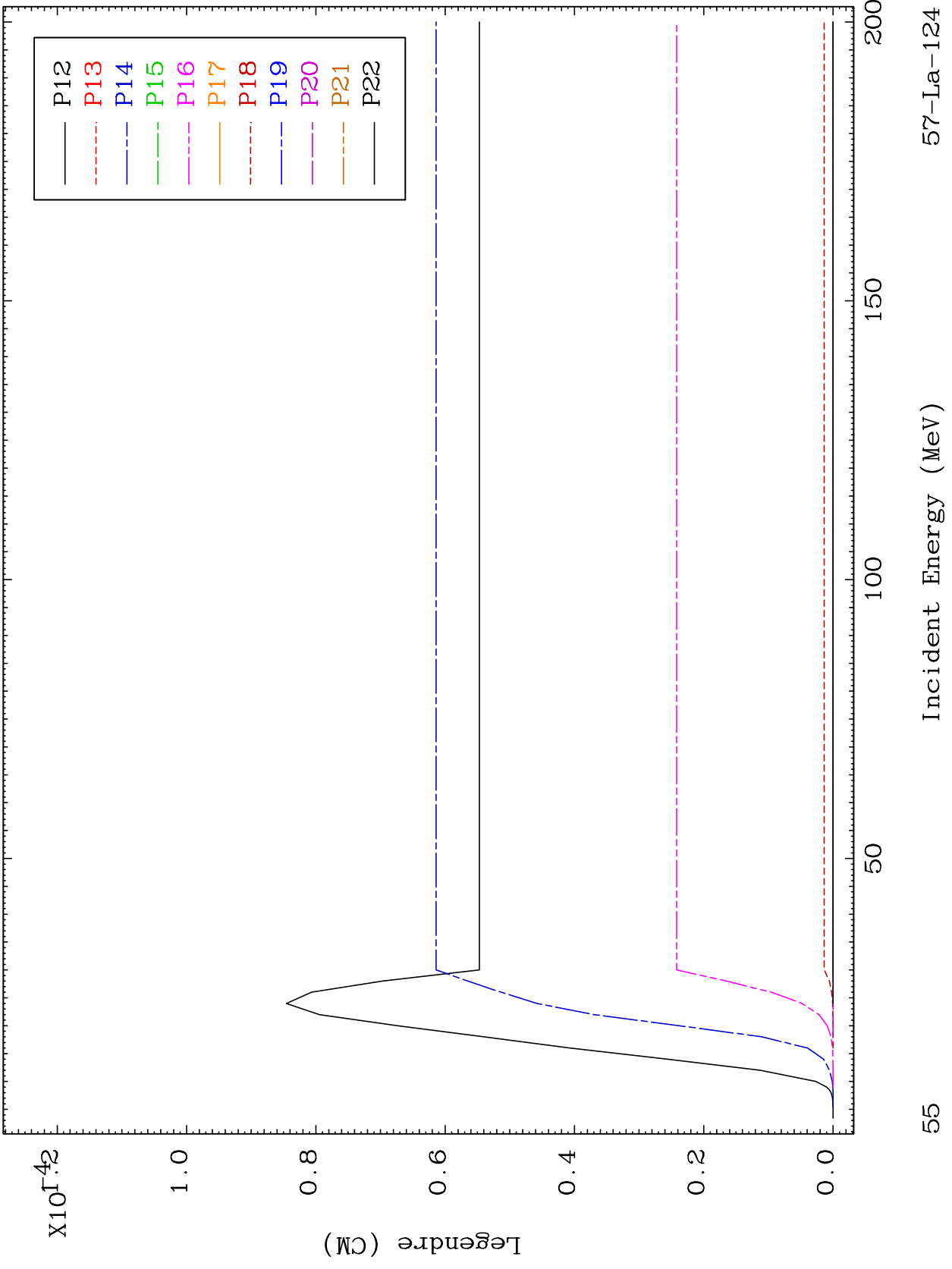
Incident Energy (MeV)

54

MAT 5683

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

57-La-124



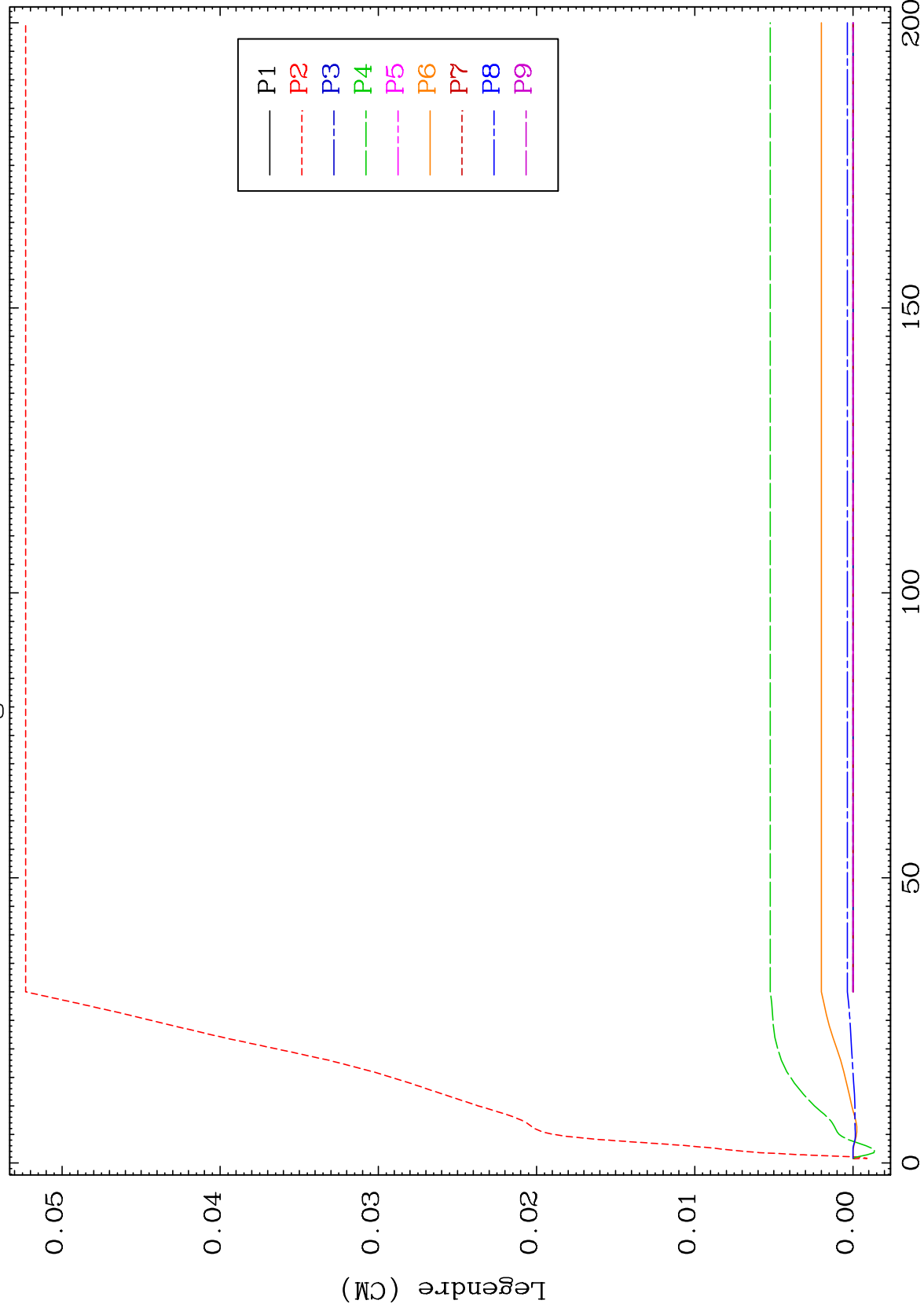
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57-La-124

MAT 5683

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

57-La-124



57-La-124

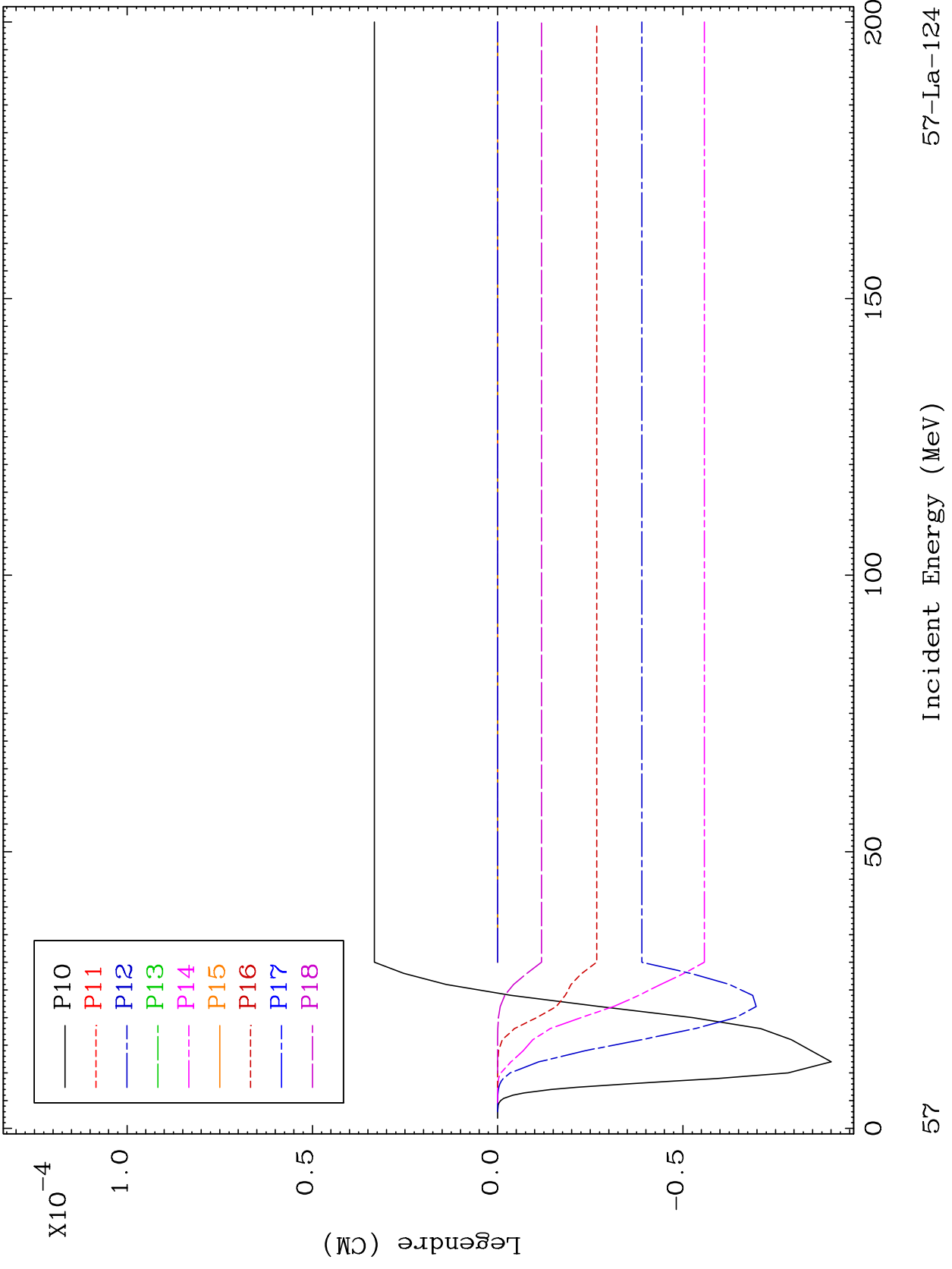
Incident Energy (MeV)

56

MAT 5683

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

57-La-124



57-La-124

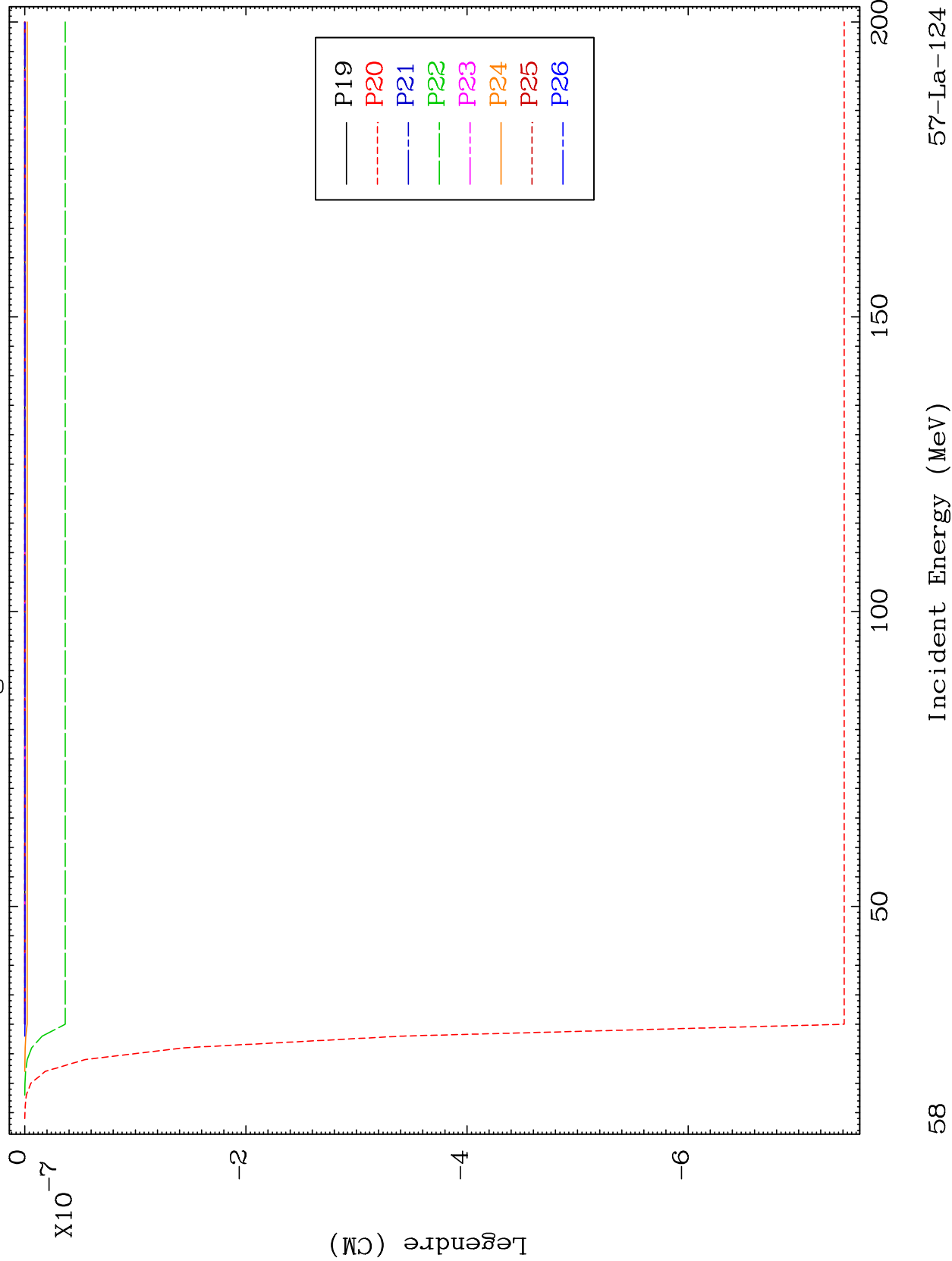
Incident Energy (MeV)

57

MAT 5683

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

57-La-124



58

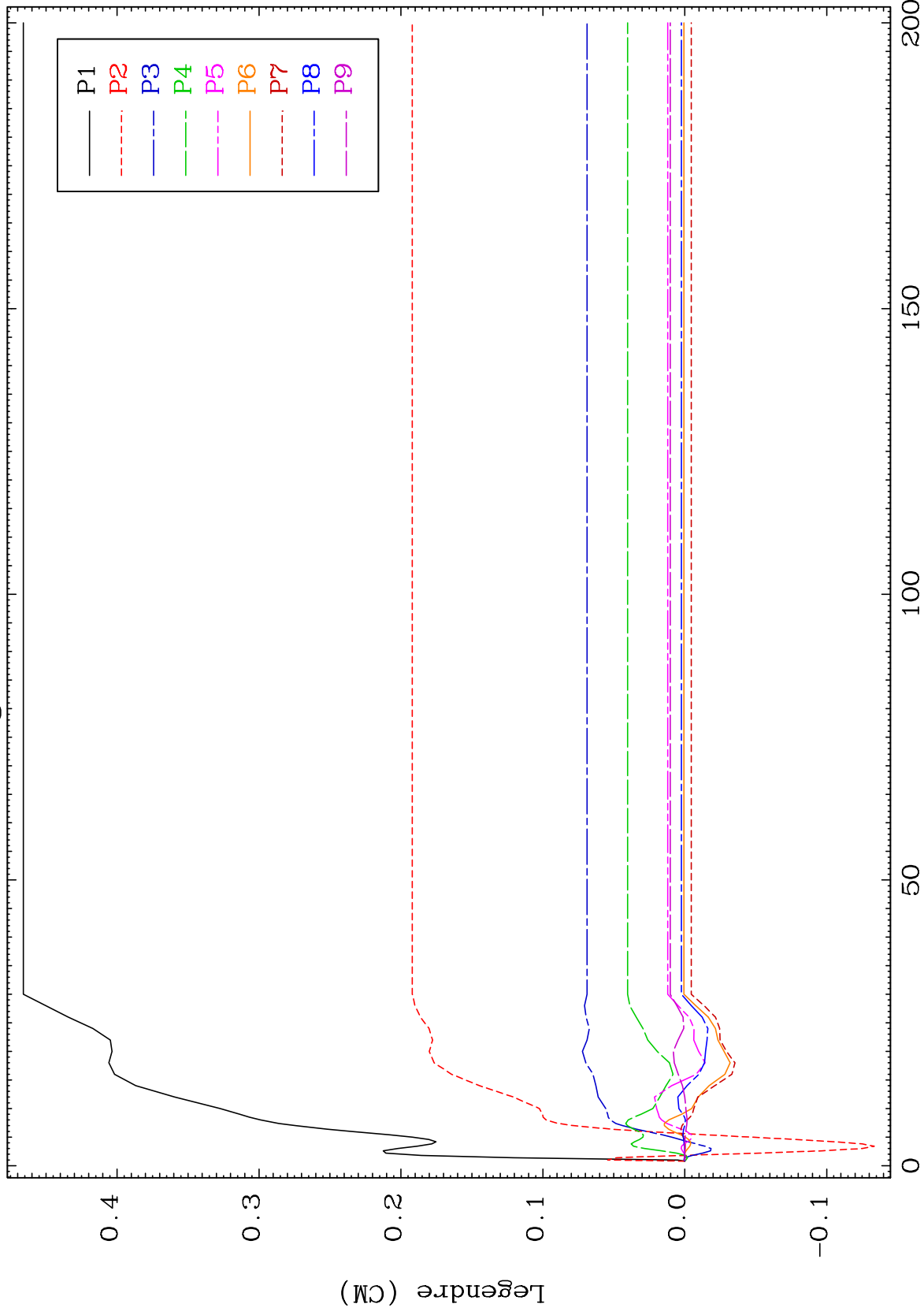
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



57-La-124

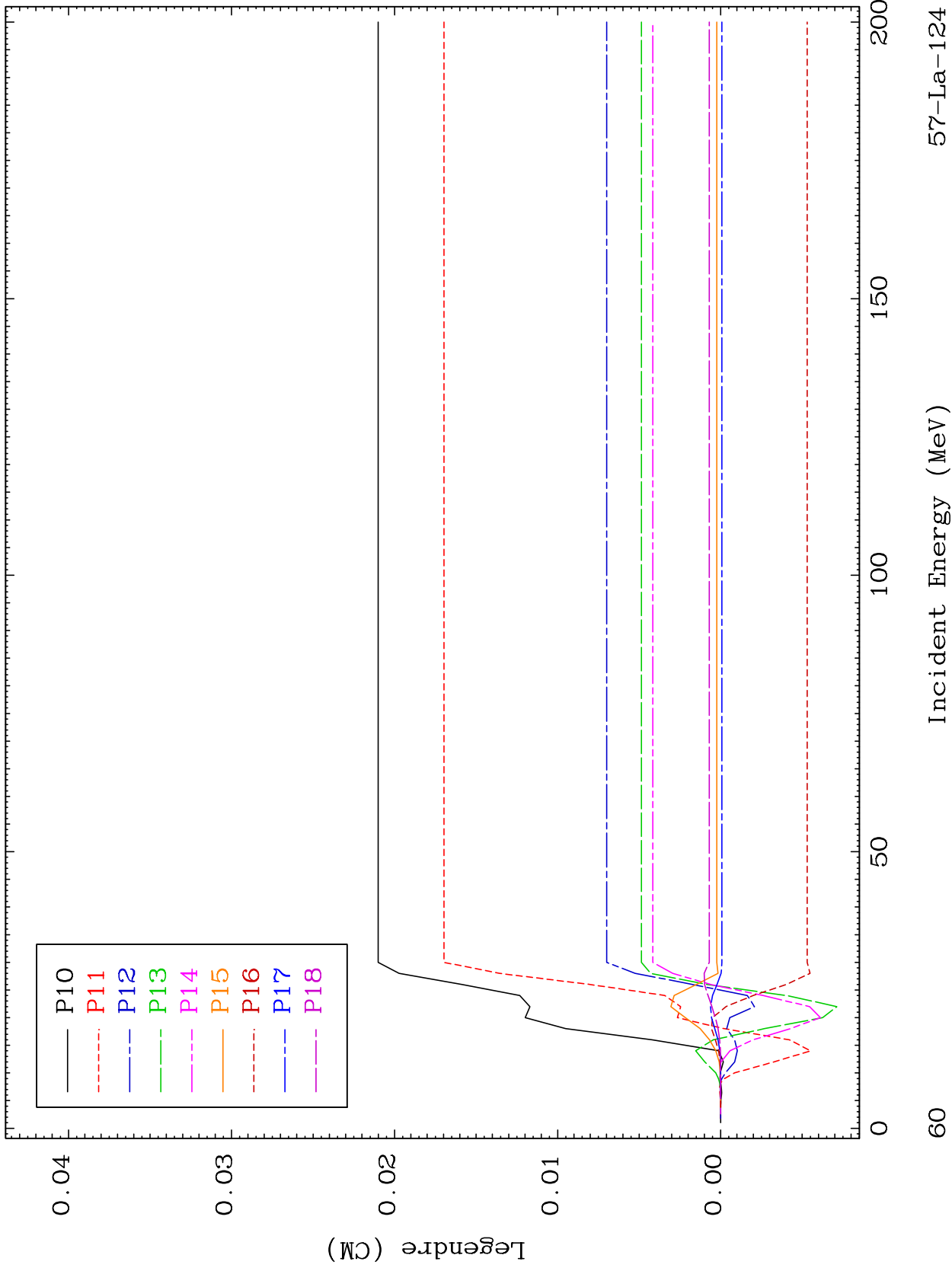
Incident Energy (MeV)

59

MAT 5683

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

57-La-124



57-La-124

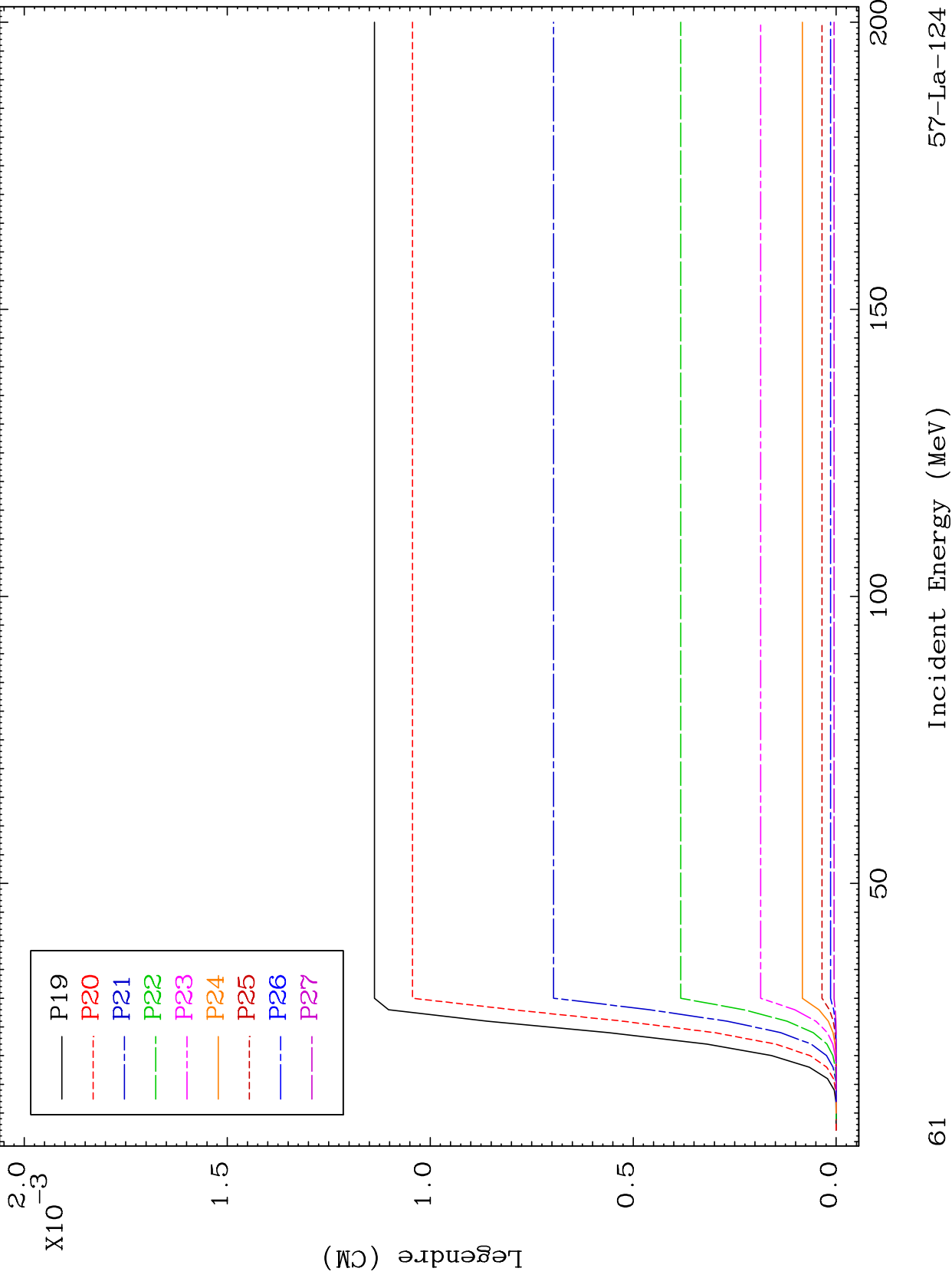
Incident Energy (MeV)

60

MAT 5683

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

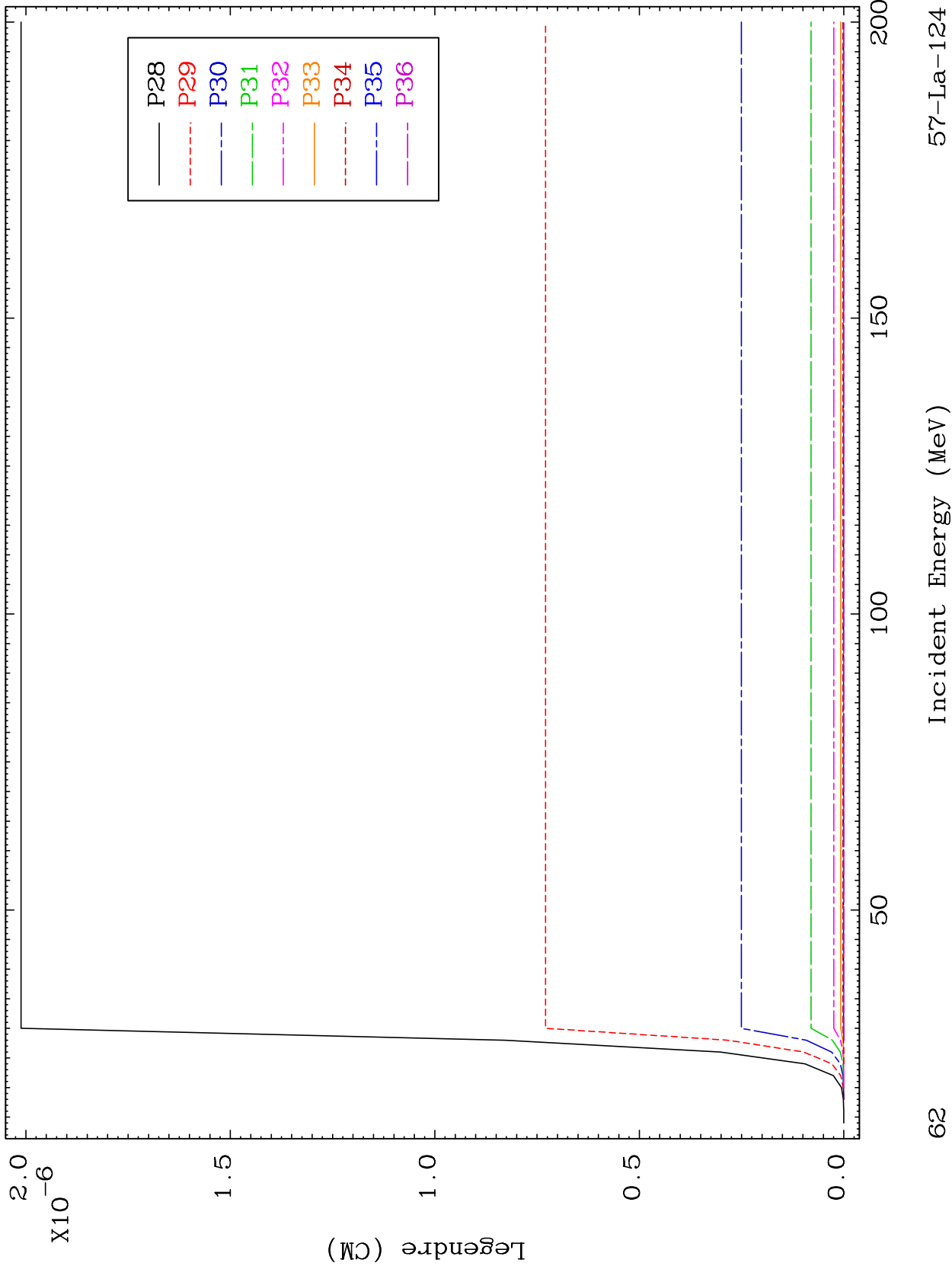
57-La-124



MAT 5683

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

57-La-124



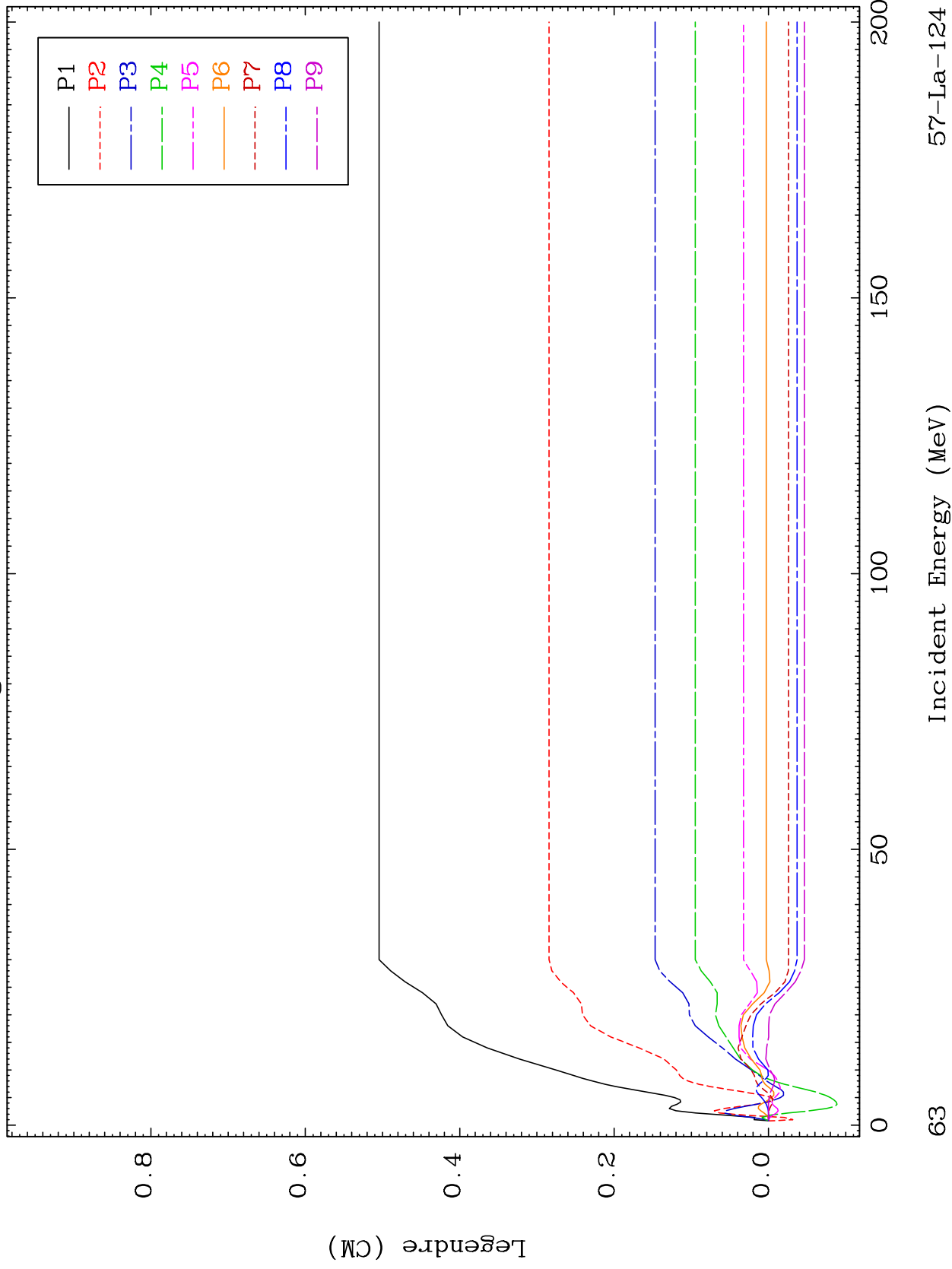
62

57-La-124

MAT 5683

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

57-La-124



57-La-124

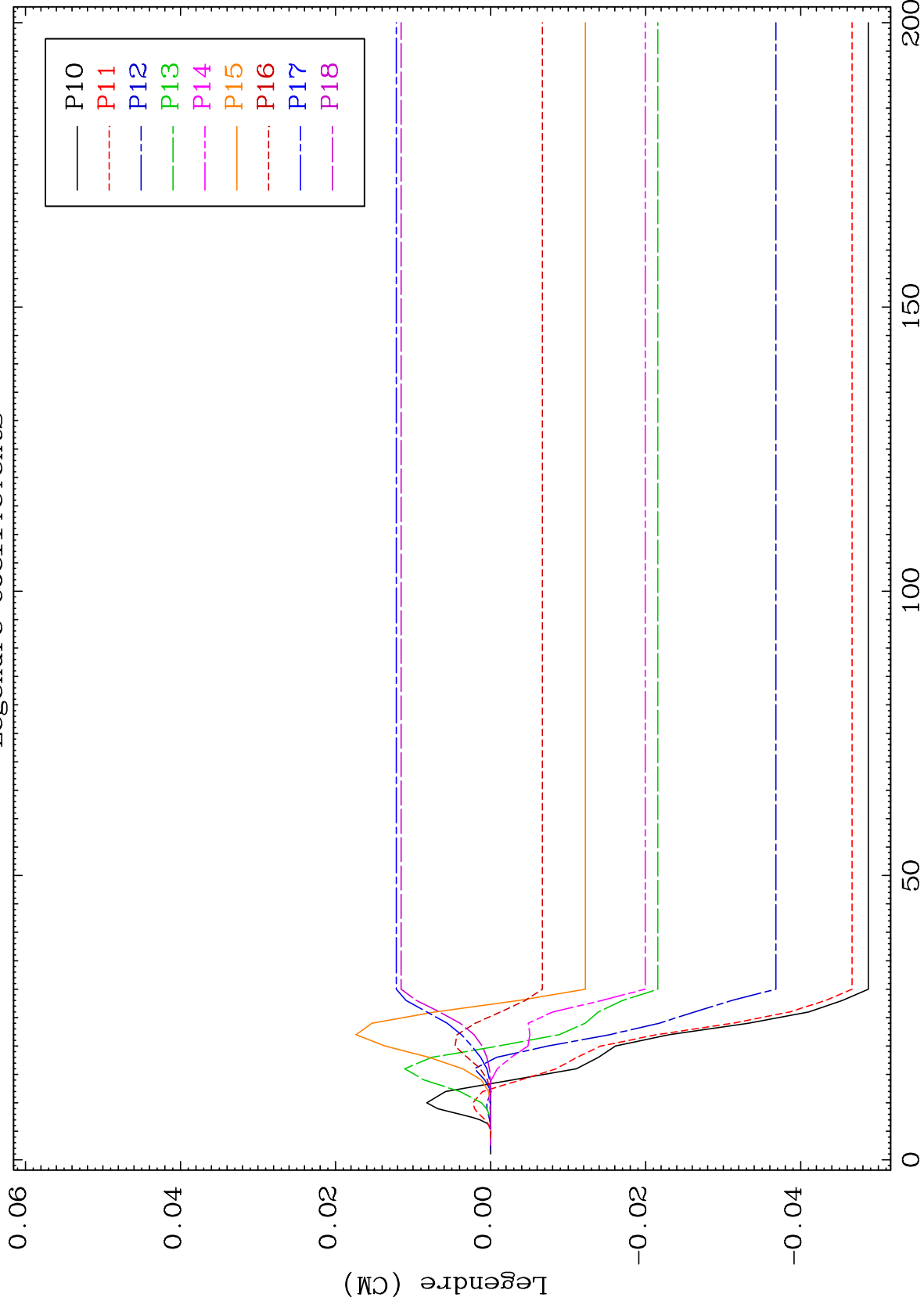
Incident Energy (MeV)

63

MAT 5683

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

57-La-124



64

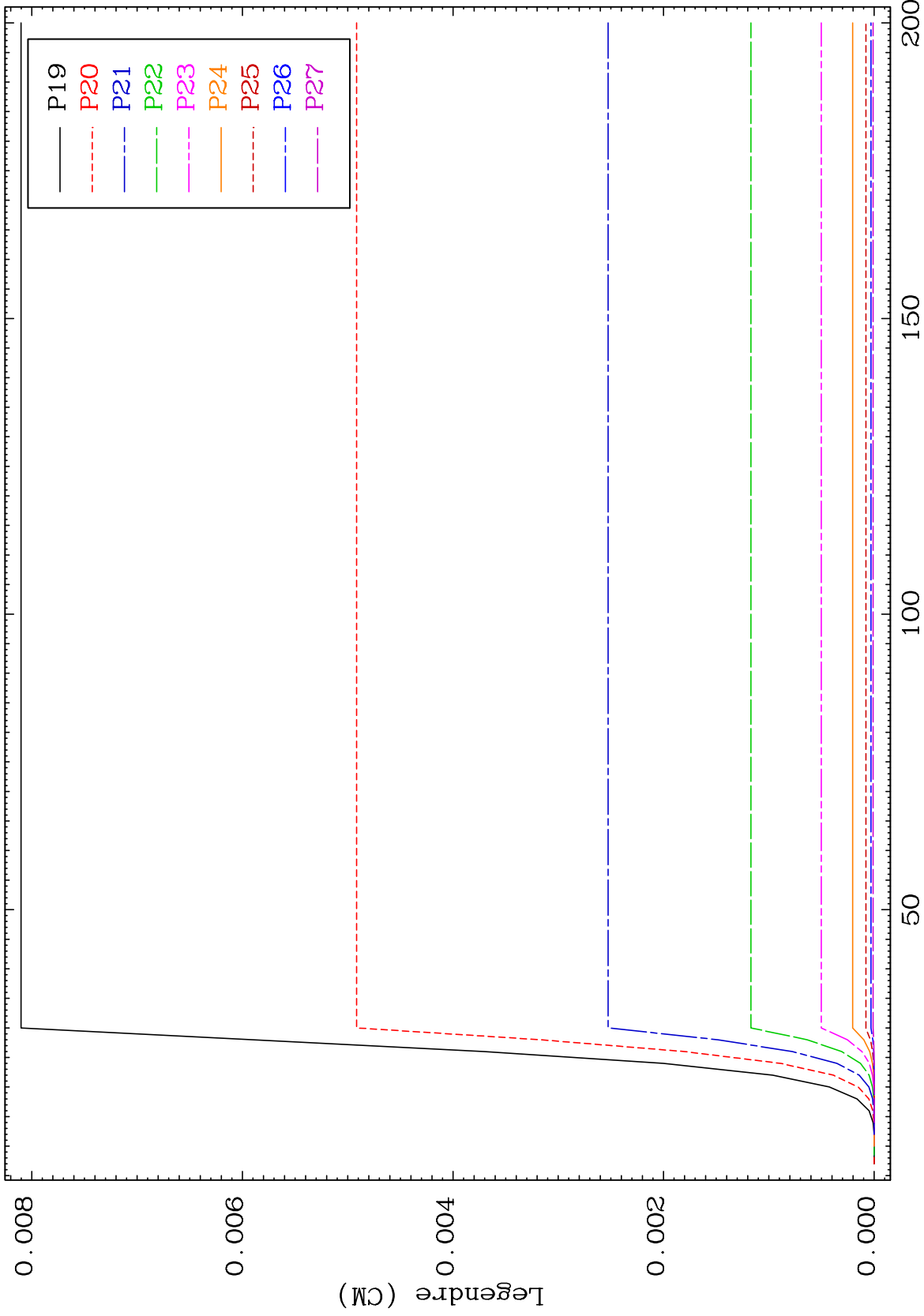
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



65

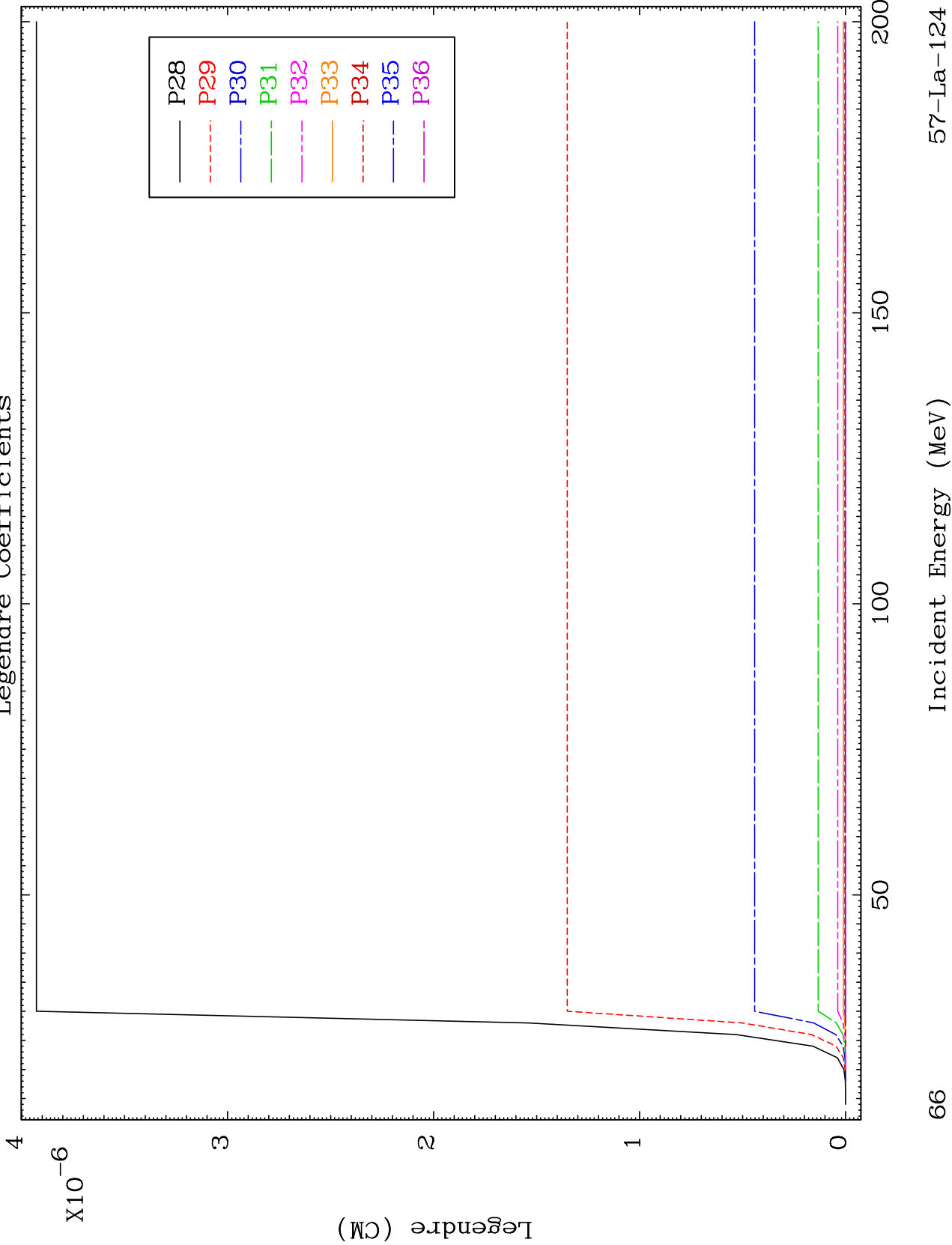
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



66

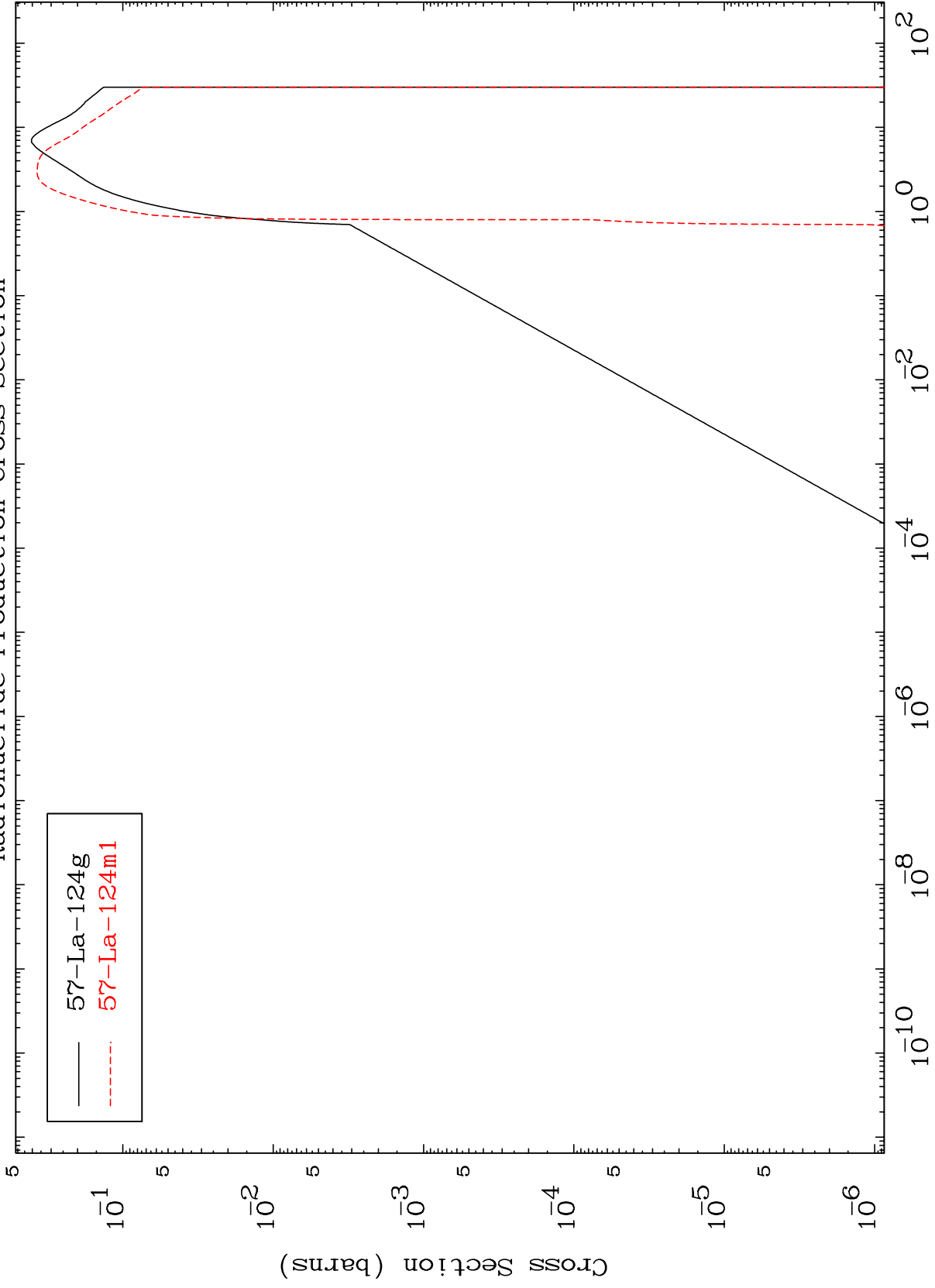
Incident Energy (MeV)

57-La-124

MAT 5683

Inelastic
Radionuclide Production Cross Section

57-La-124



67

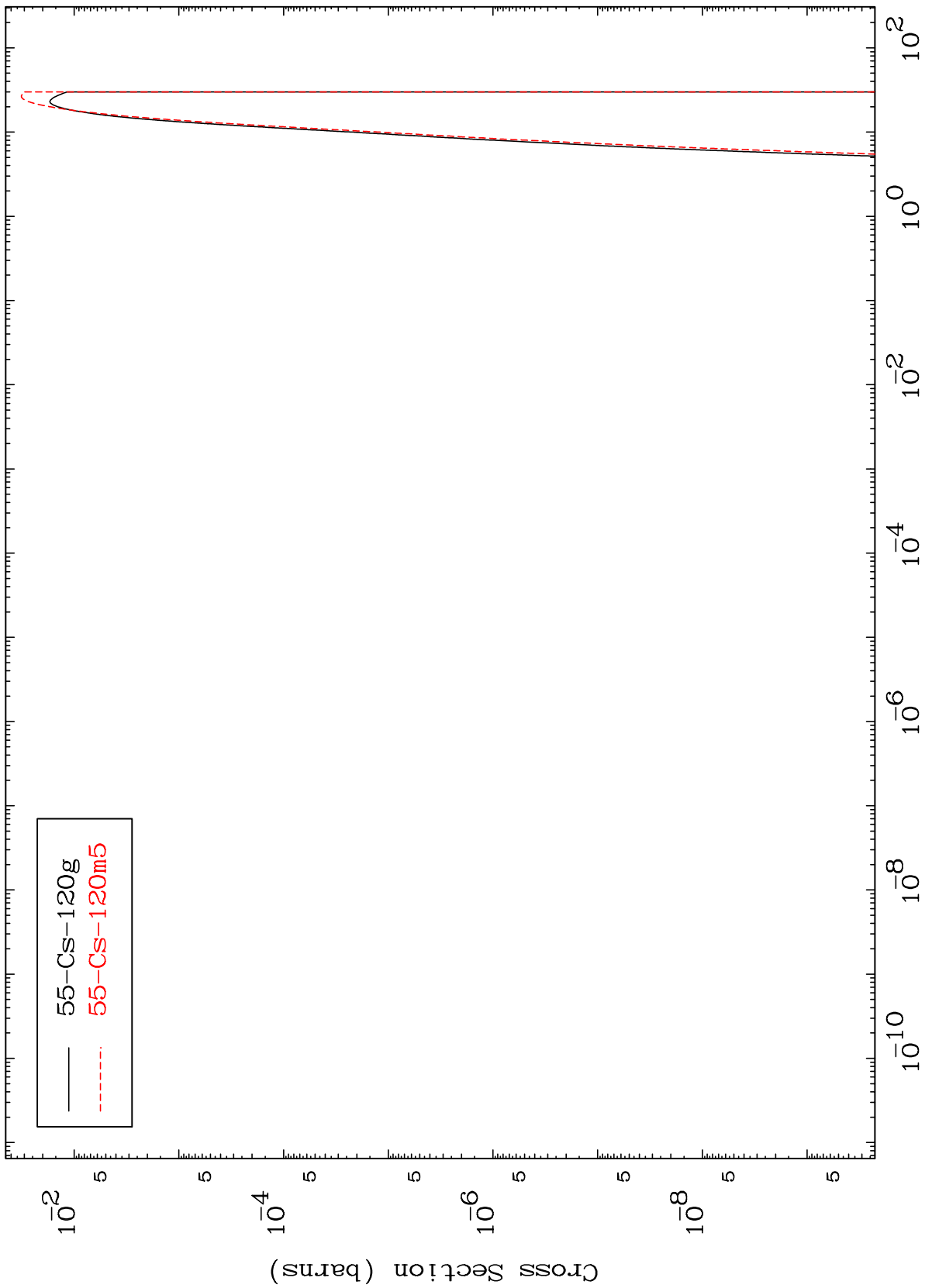
57-La-124

MAT 5683

(n, n') α

57-La-124

Radionuclide Production Cross Section



68

Incident Energy (MeV)

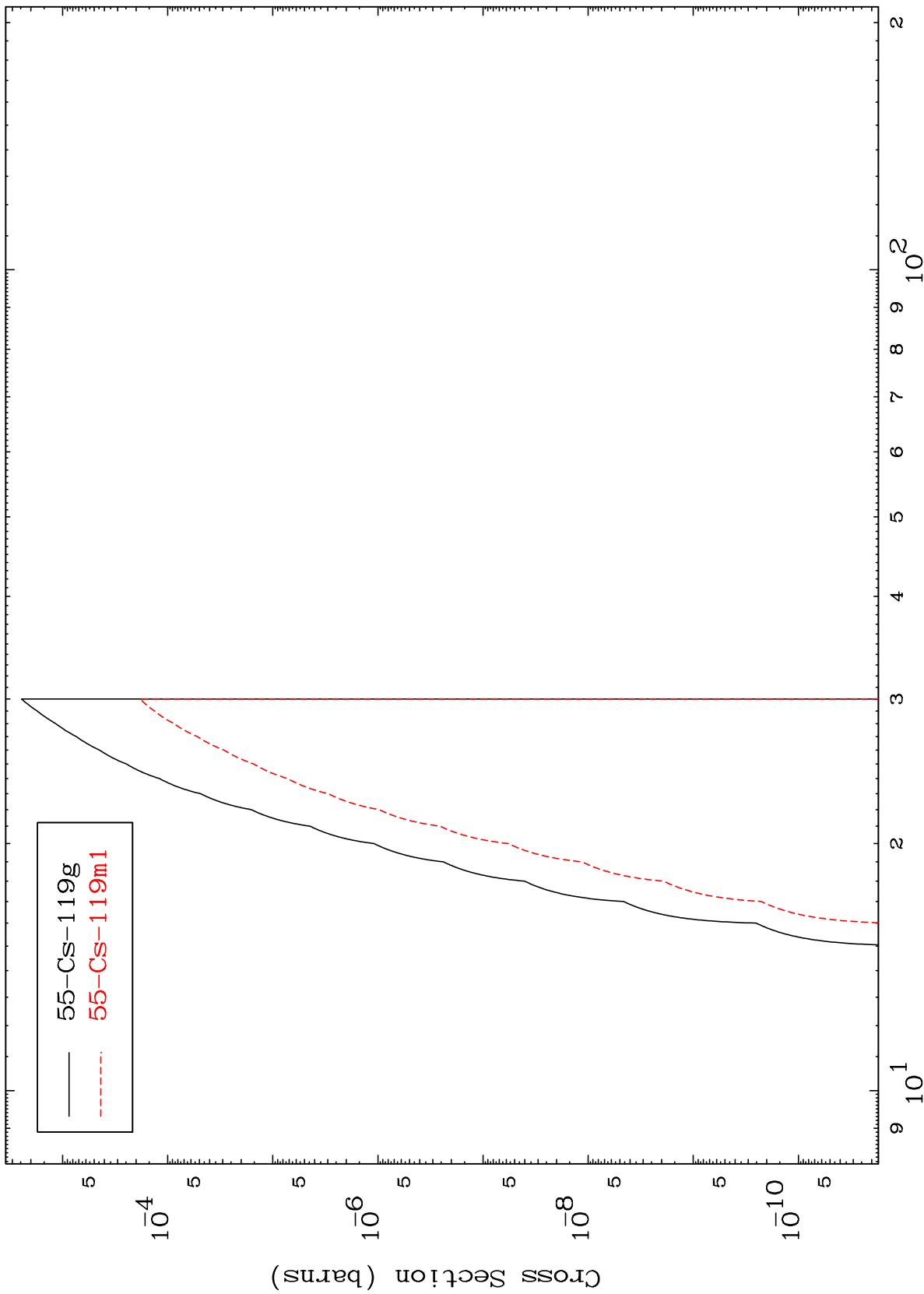
57-La-124

MAT 5683

(n,2n) α

57-La-124

Radionuclide Production Cross Section



69

Incident Energy (MeV)

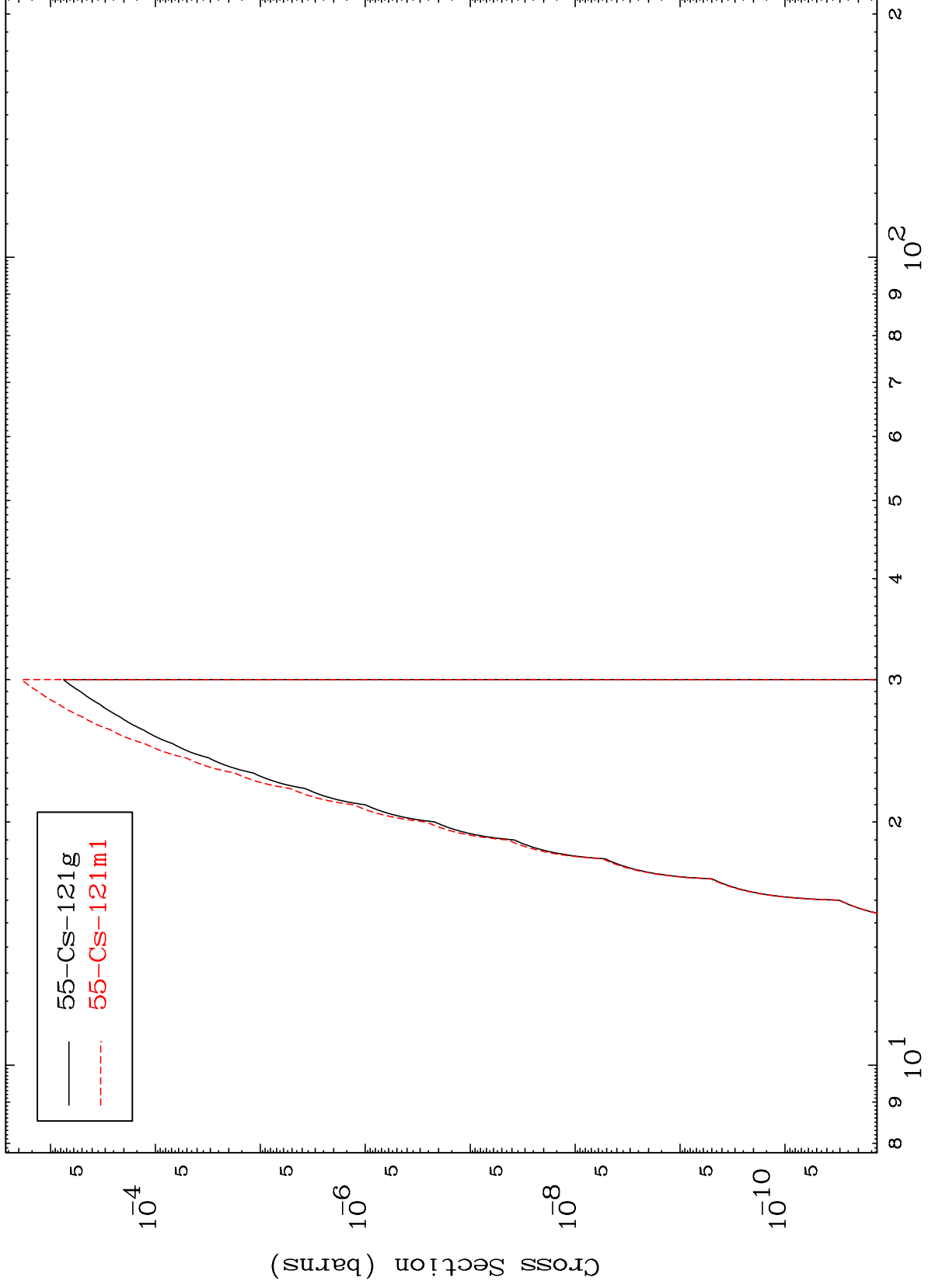
57-La-124

MAT 5683

(n,n') He-3

57-La-124

Radionuclide Production Cross Section



55-Cs-121g
55-Cs-121m1

70

Incident Energy (MeV)

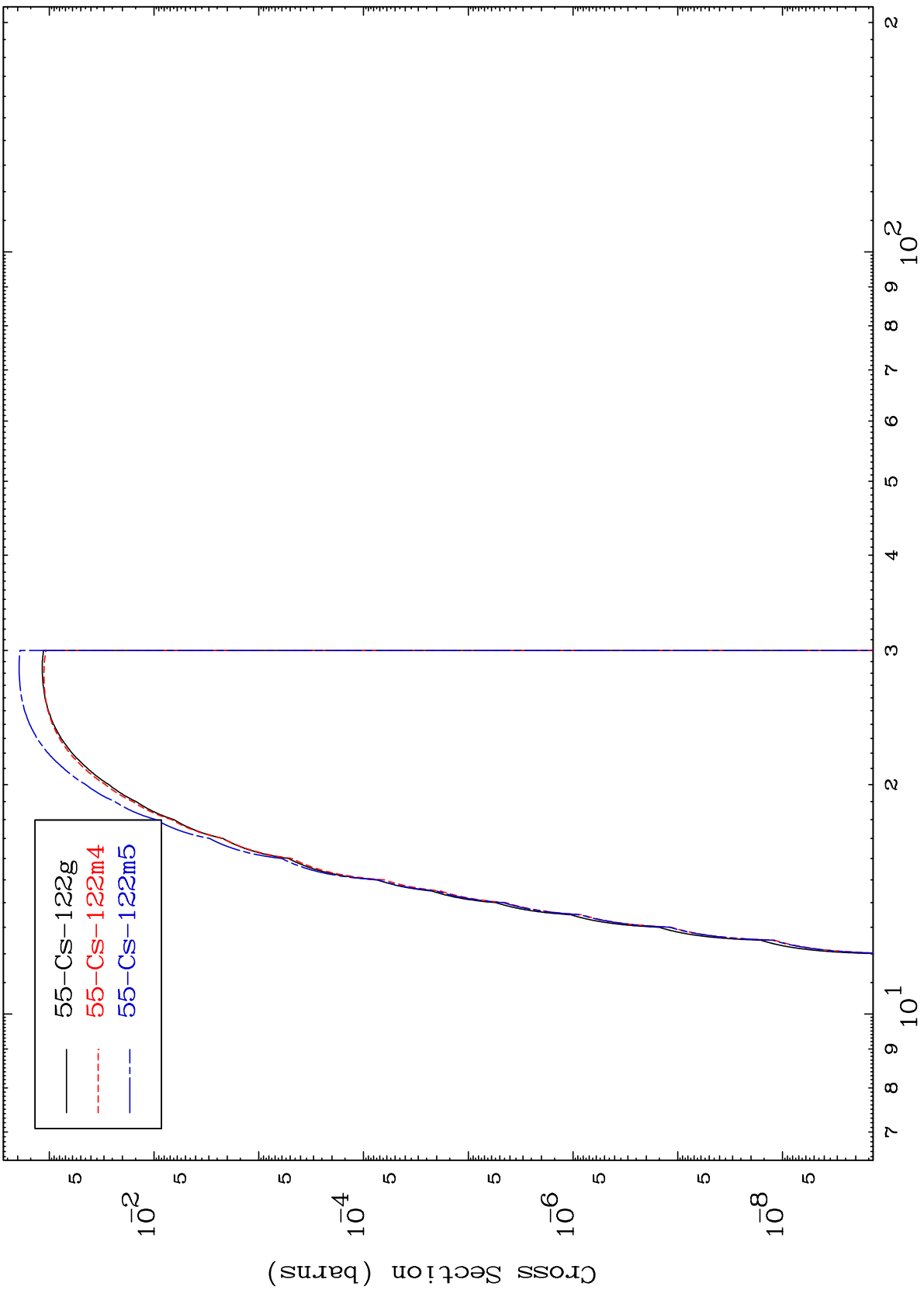
57-La-124

MAT 5683

(n,2n) p

57-La-124

Radionuclide Production Cross Section



71

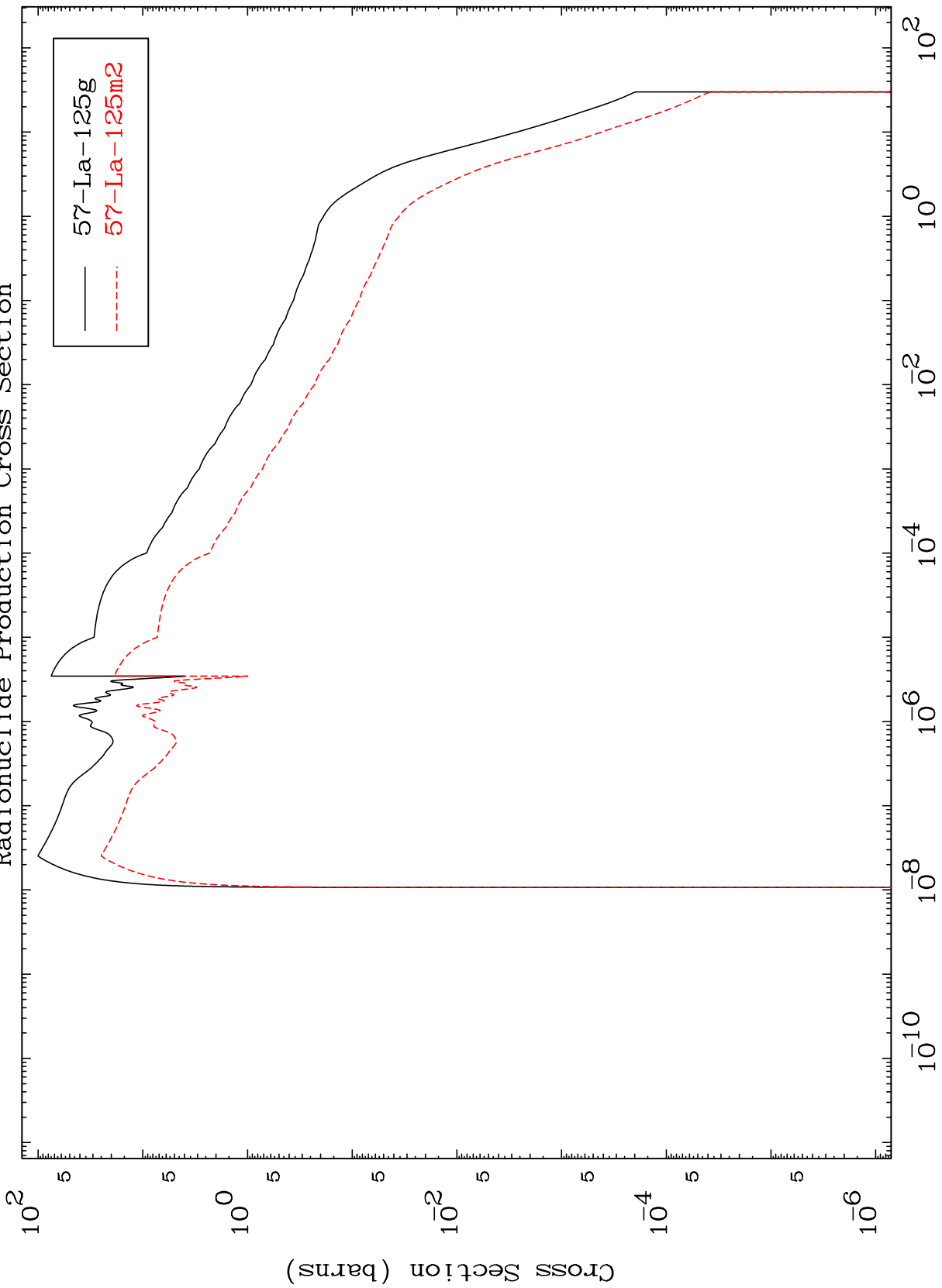
Incident Energy (MeV)

57-La-124

MAT 5683

57-La-124

(n, γ)
Radionuclide Production Cross Section



72

57-La-124

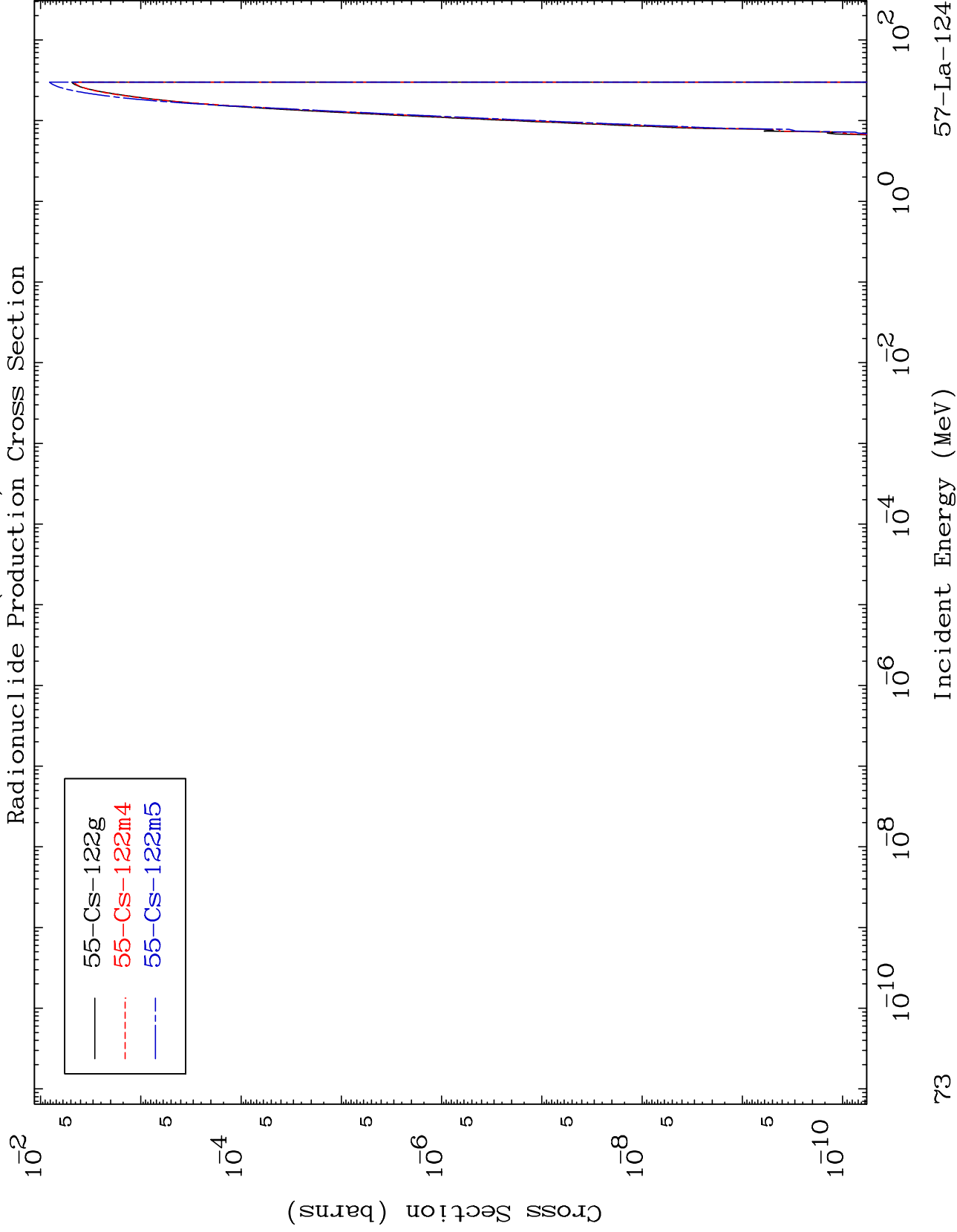
Incident Energy (MeV)

MAT 5683

(n,He-3)

57-La-124

Radionuclide Production Cross Section



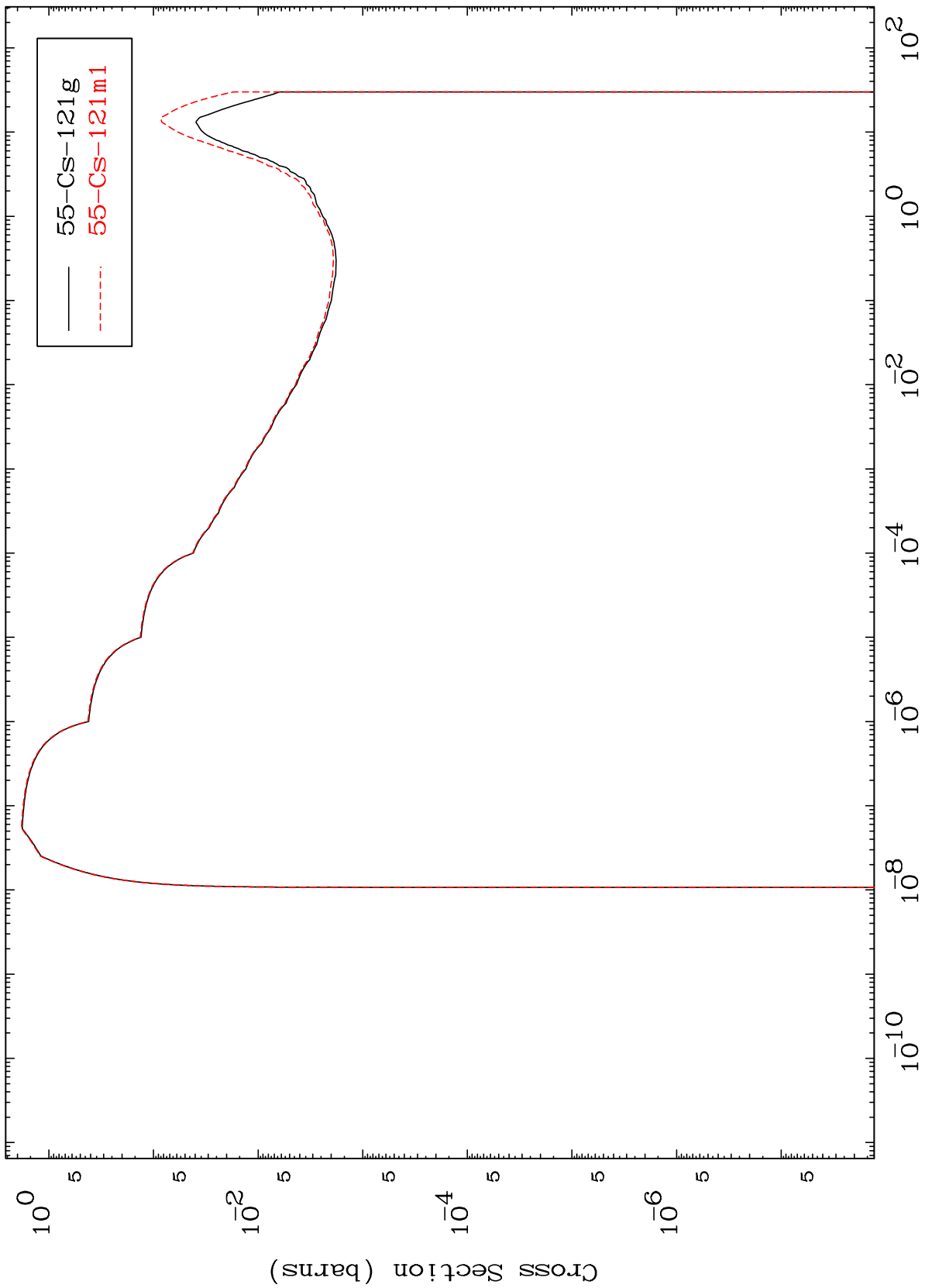
73

57-La-124

MAT 5683

57-La-124

(n, α)
Radionuclide Production Cross Section



74

57-La-124

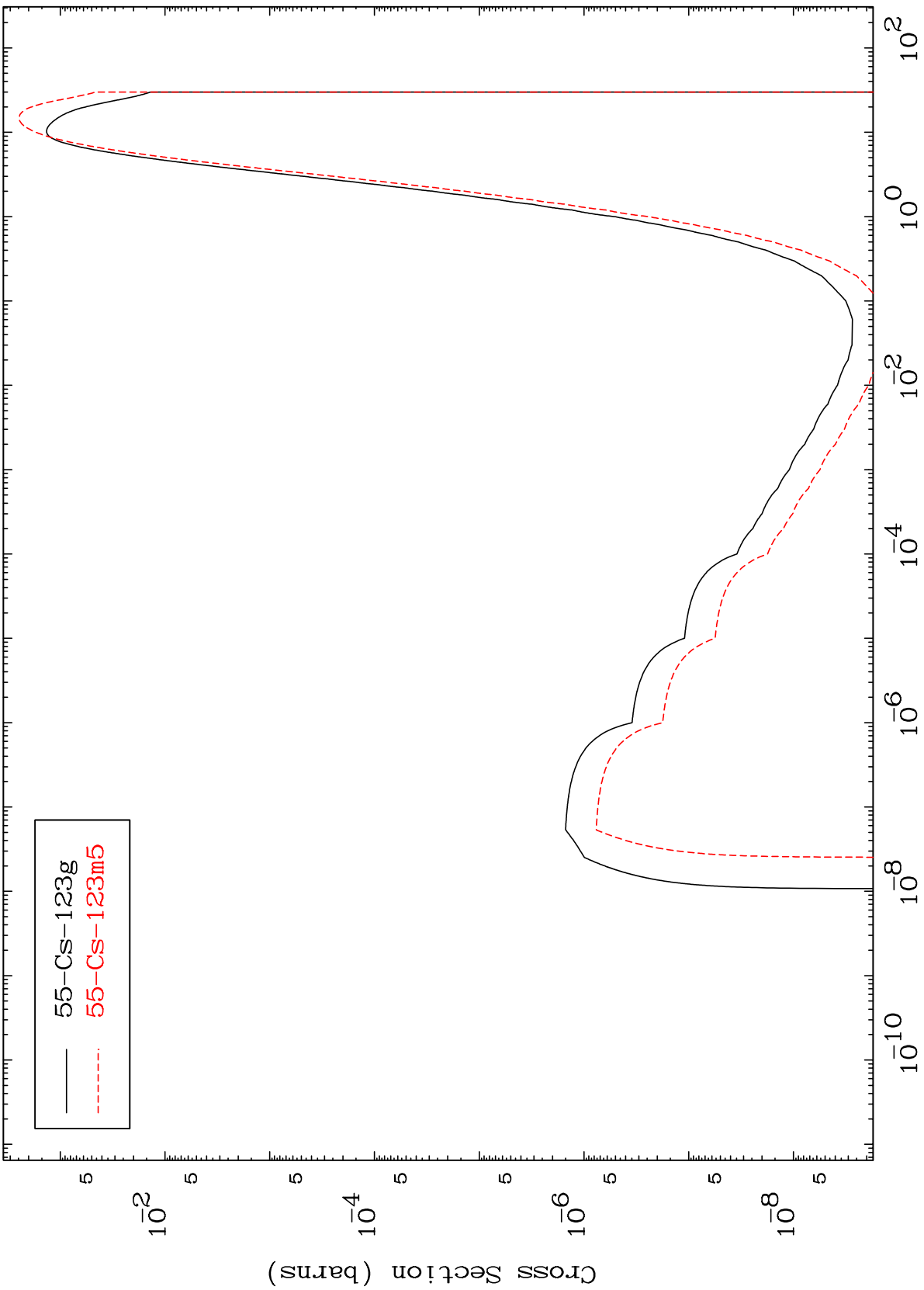
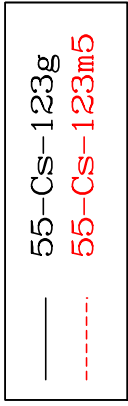
Incident Energy (MeV)

MAT 5683

(n,2p)

57-La-124

Radionuclide Production Cross Section



75

Incident Energy (MeV)

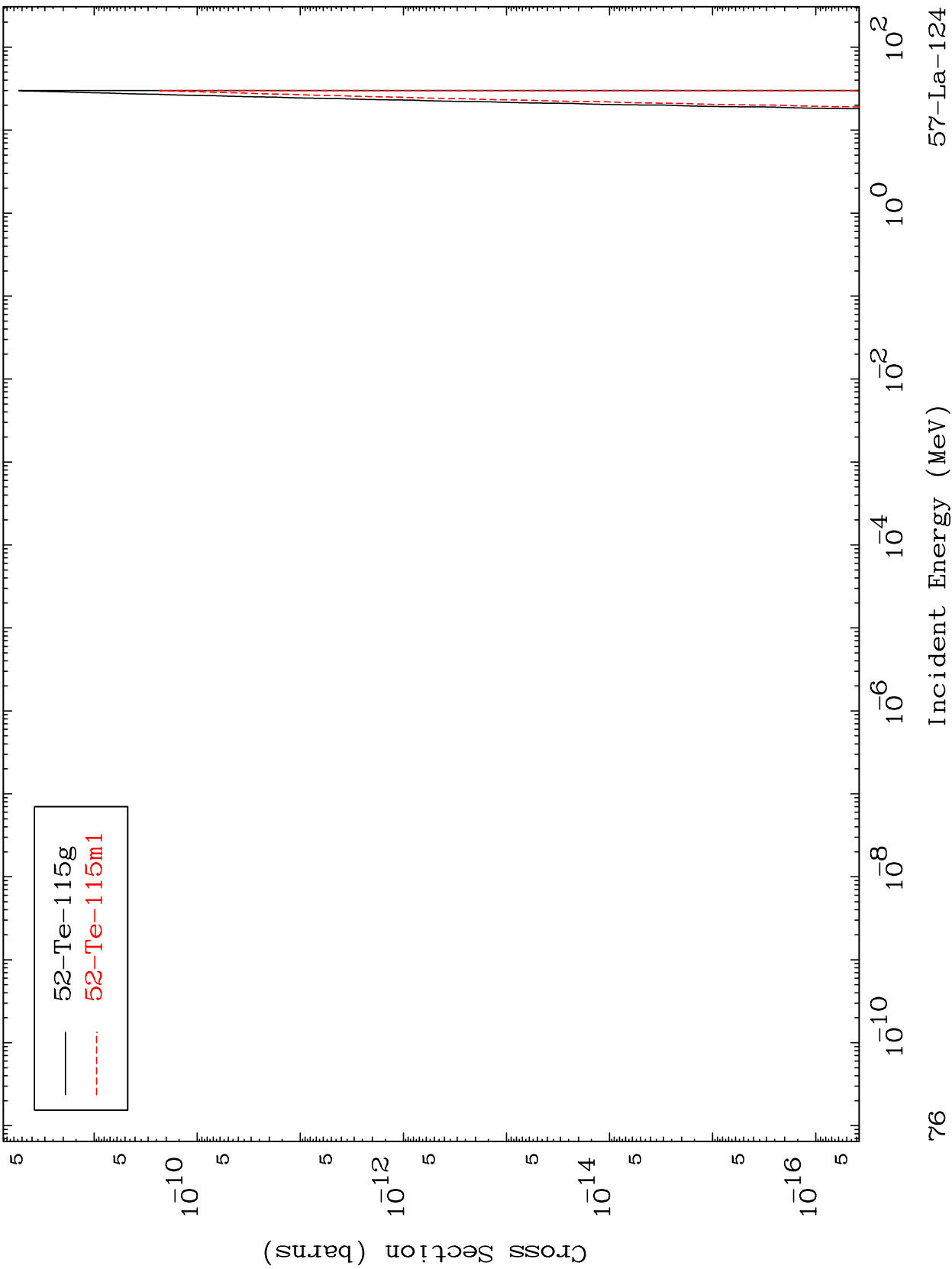
57-La-124

MAT 5683

(n,d) 2 α

57-La-124

Radionuclide Production Cross Section



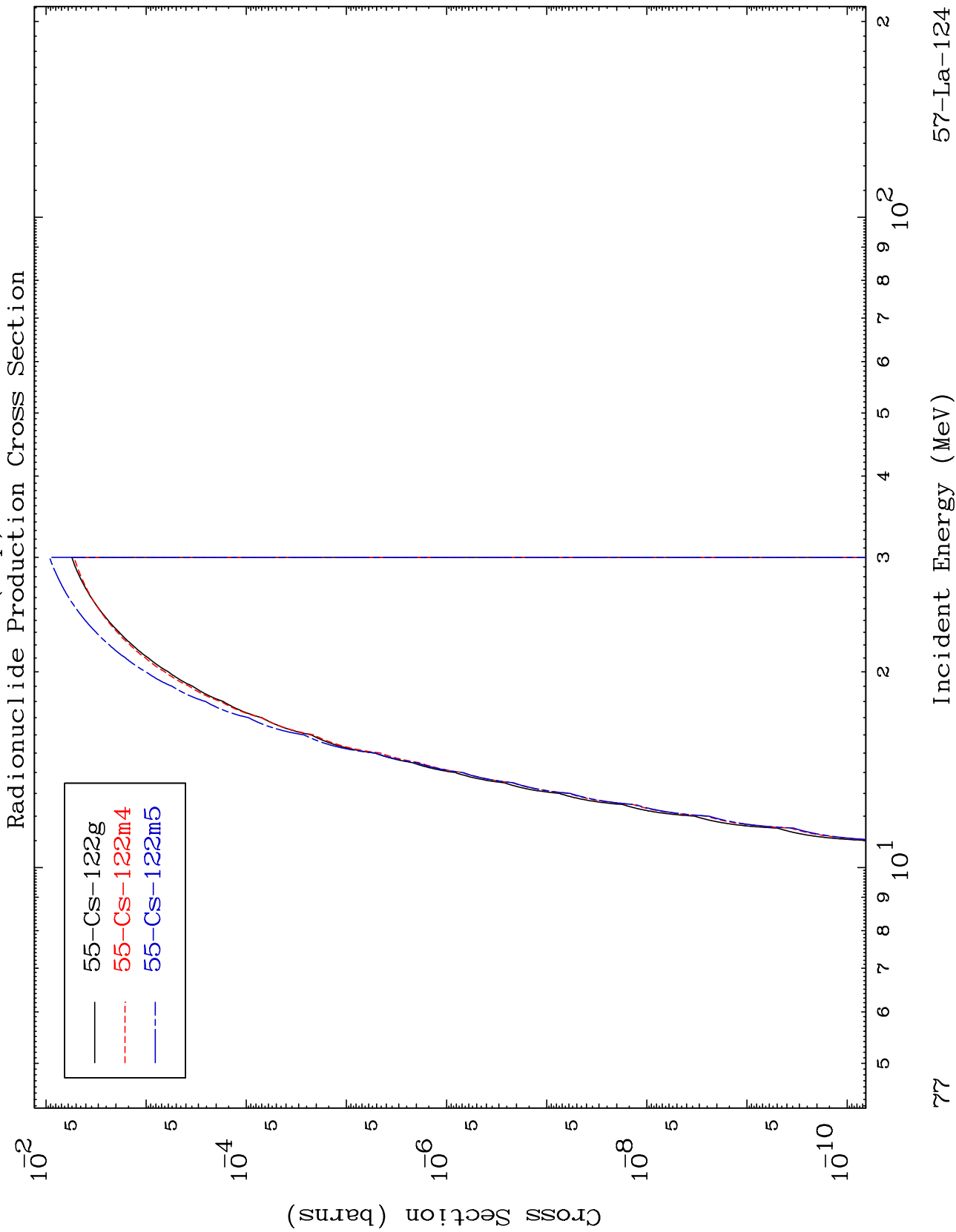
76

57-La-124

MAT 5683

(n,p) d

57-La-124



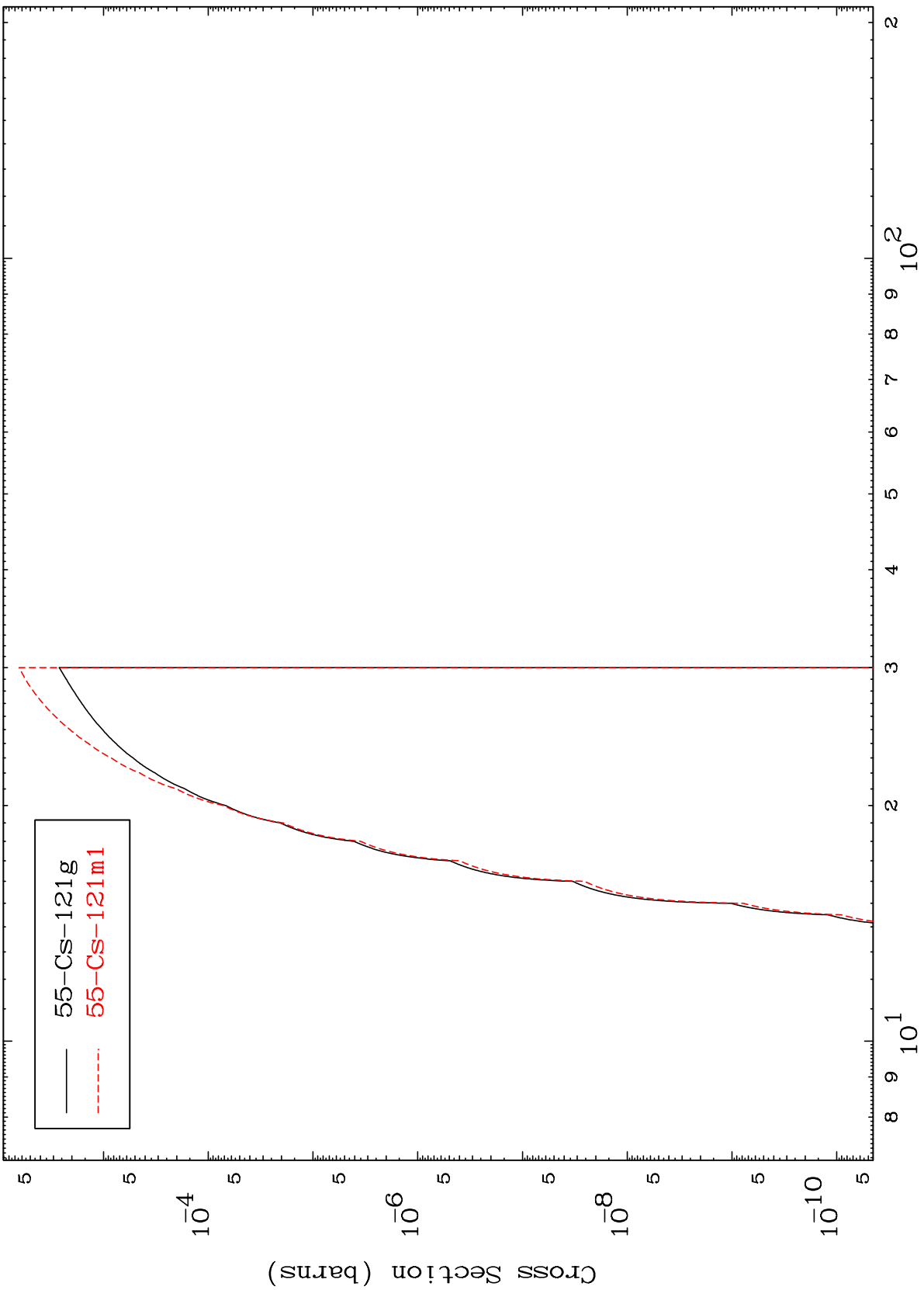
55-Cs-122g
55-Cs-122m4
55-Cs-122m5

MAT 5683

(n,p) t

57-La-124

Radionuclide Production Cross Section



78

Incident Energy (MeV)

57-La-124