

Program EVALPLOT
(Version 2017-1)

by

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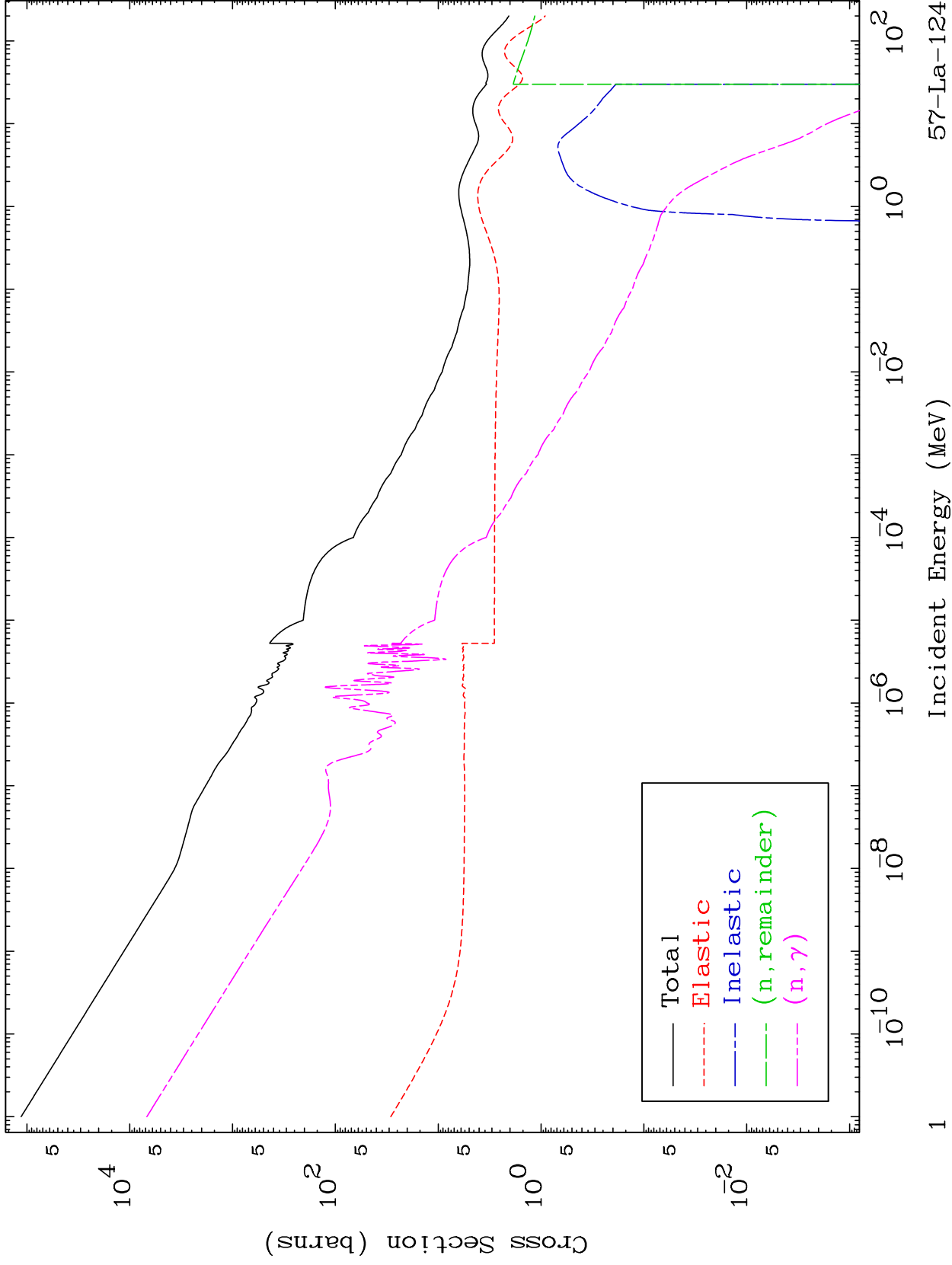
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Press Mouse Button to Start

MAT 5683

Major
293 Kelvin Cross Sections

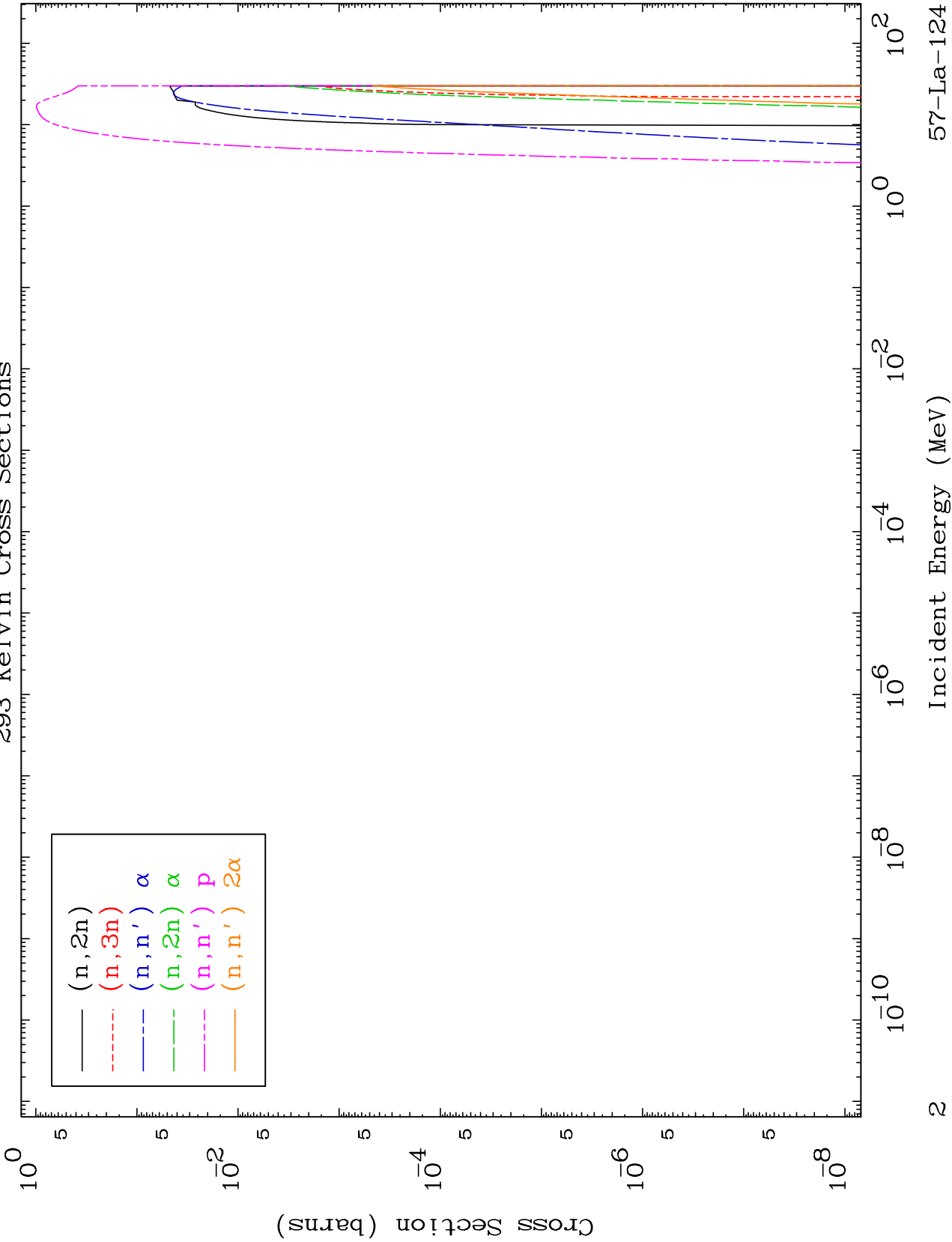
57-La-124

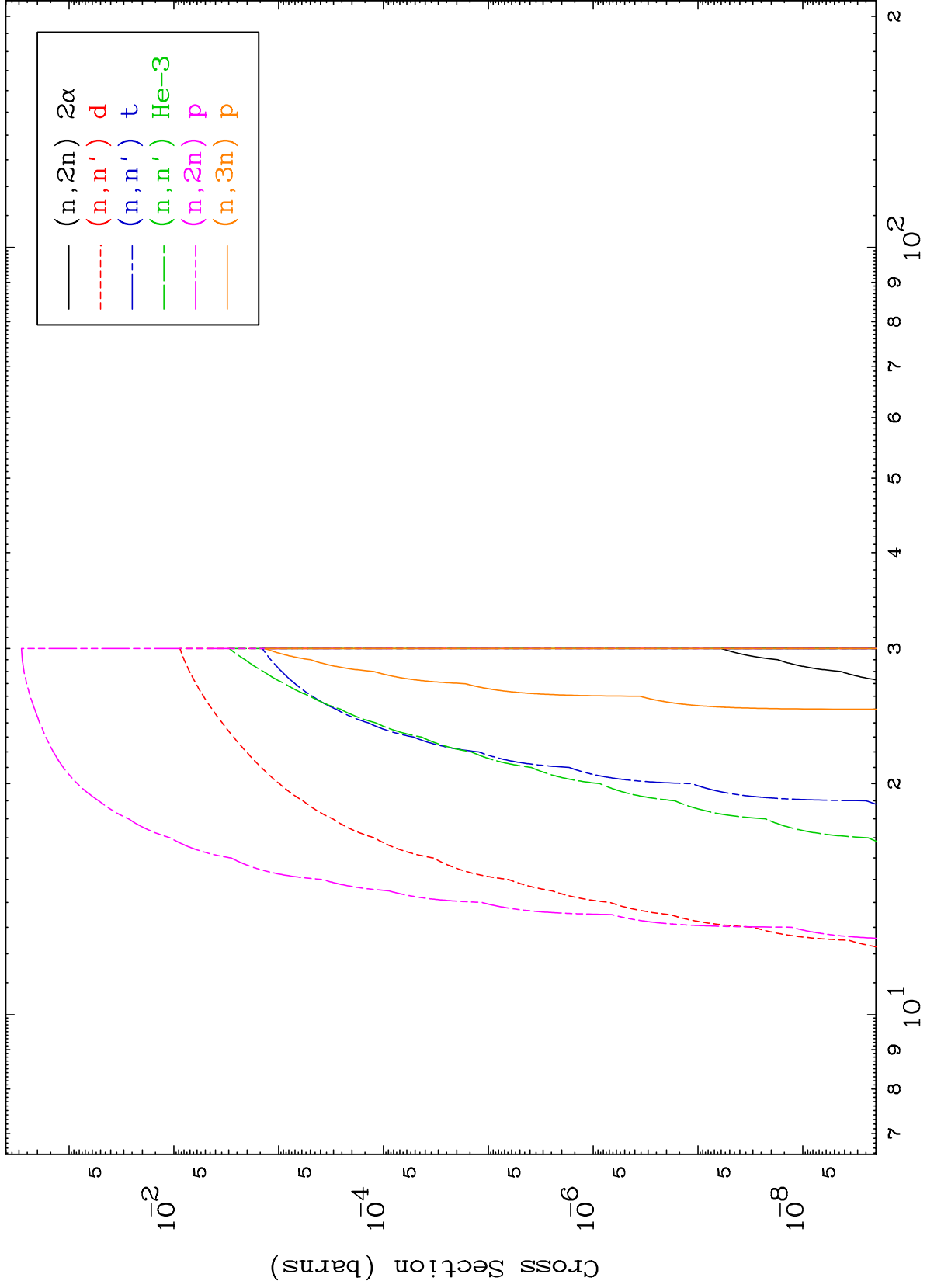


MAT 5683

Neutron Production
293 Kelvin Cross Sections

57-La-124

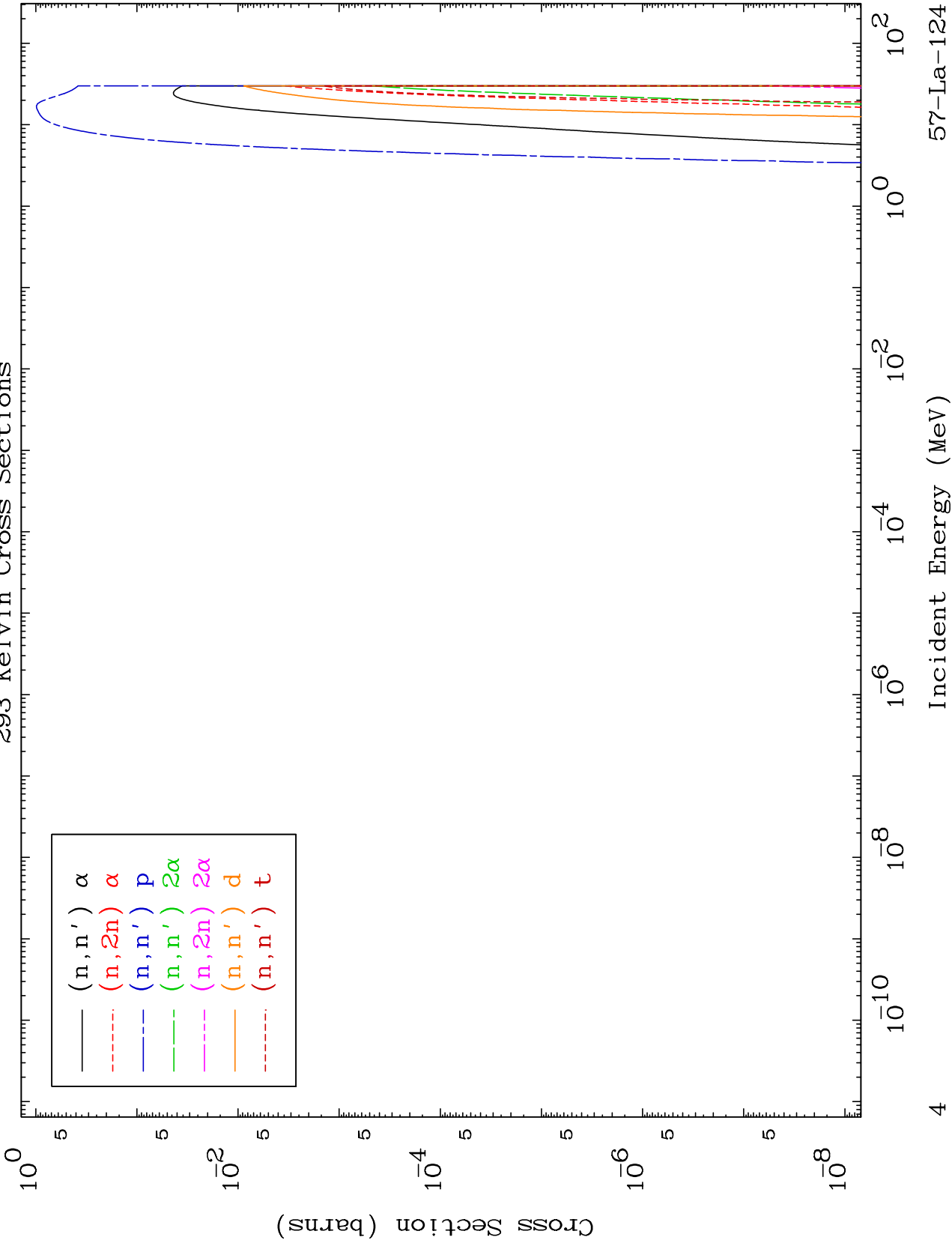




MAT 5683

Charged Particle
293 Kelvin Cross Sections

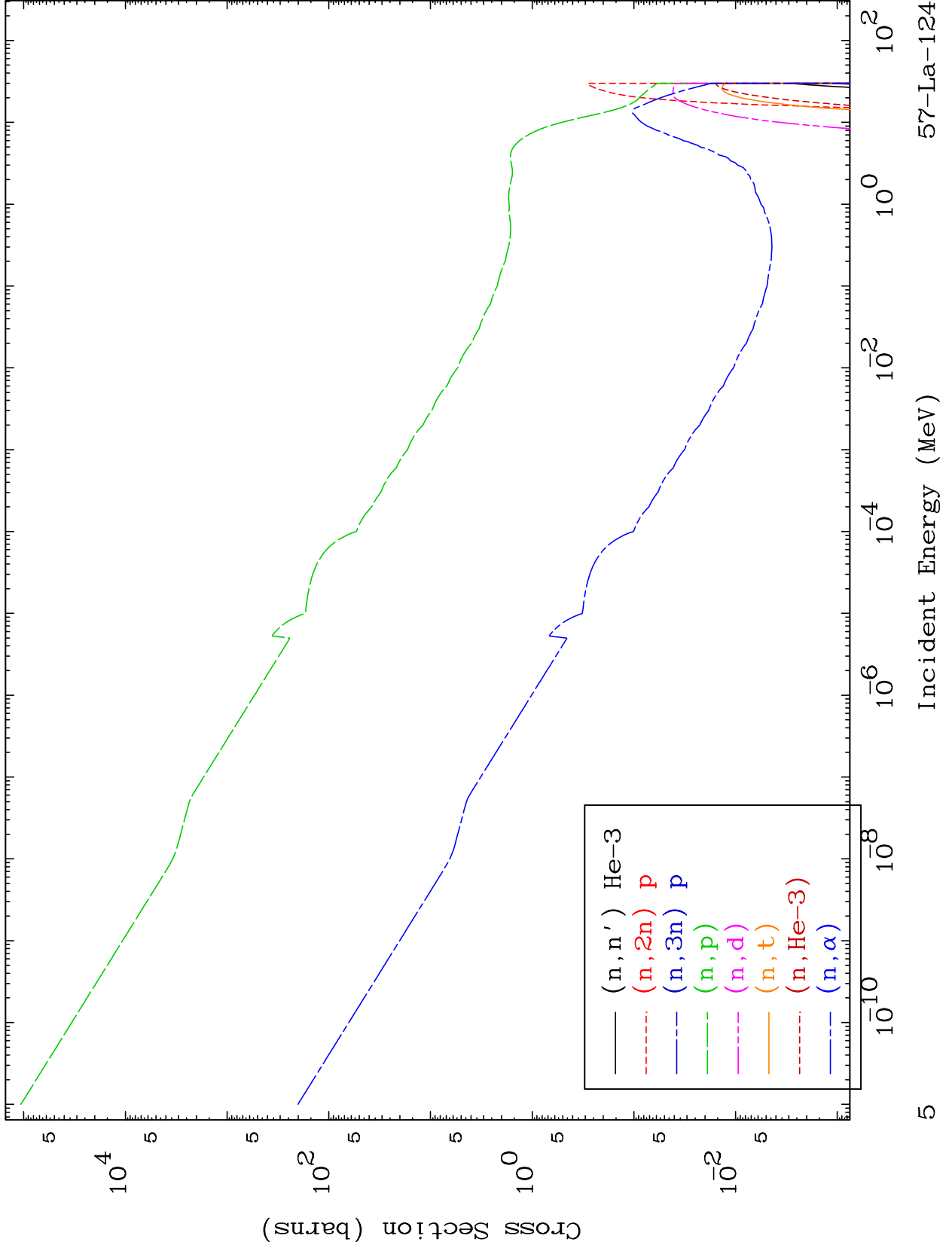
57-La-124



MAT 5683

Charged Particle
293 Kelvin Cross Sections

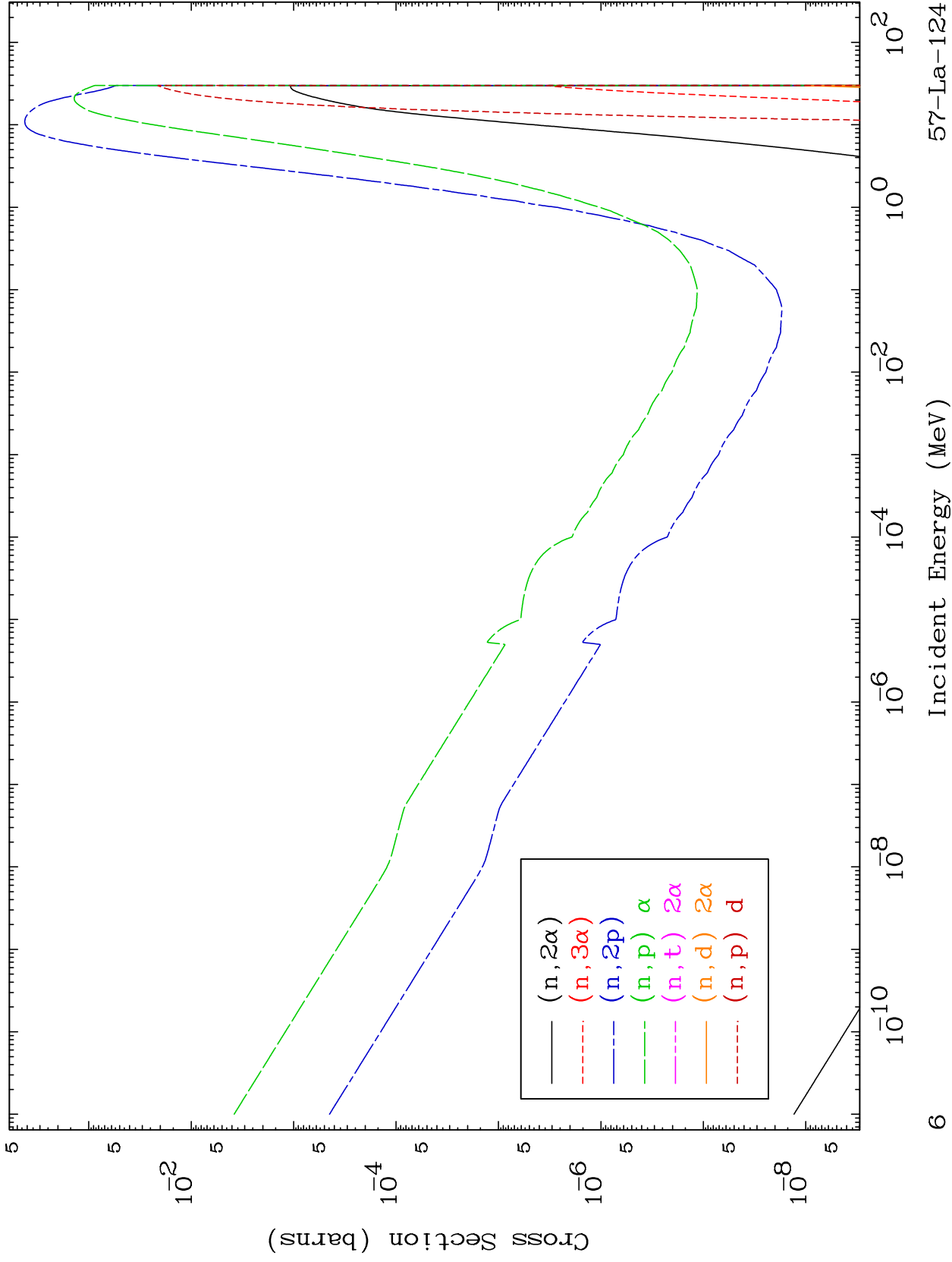
57-La-124



MAT 5683

Charged Particle
293 Kelvin Cross Sections

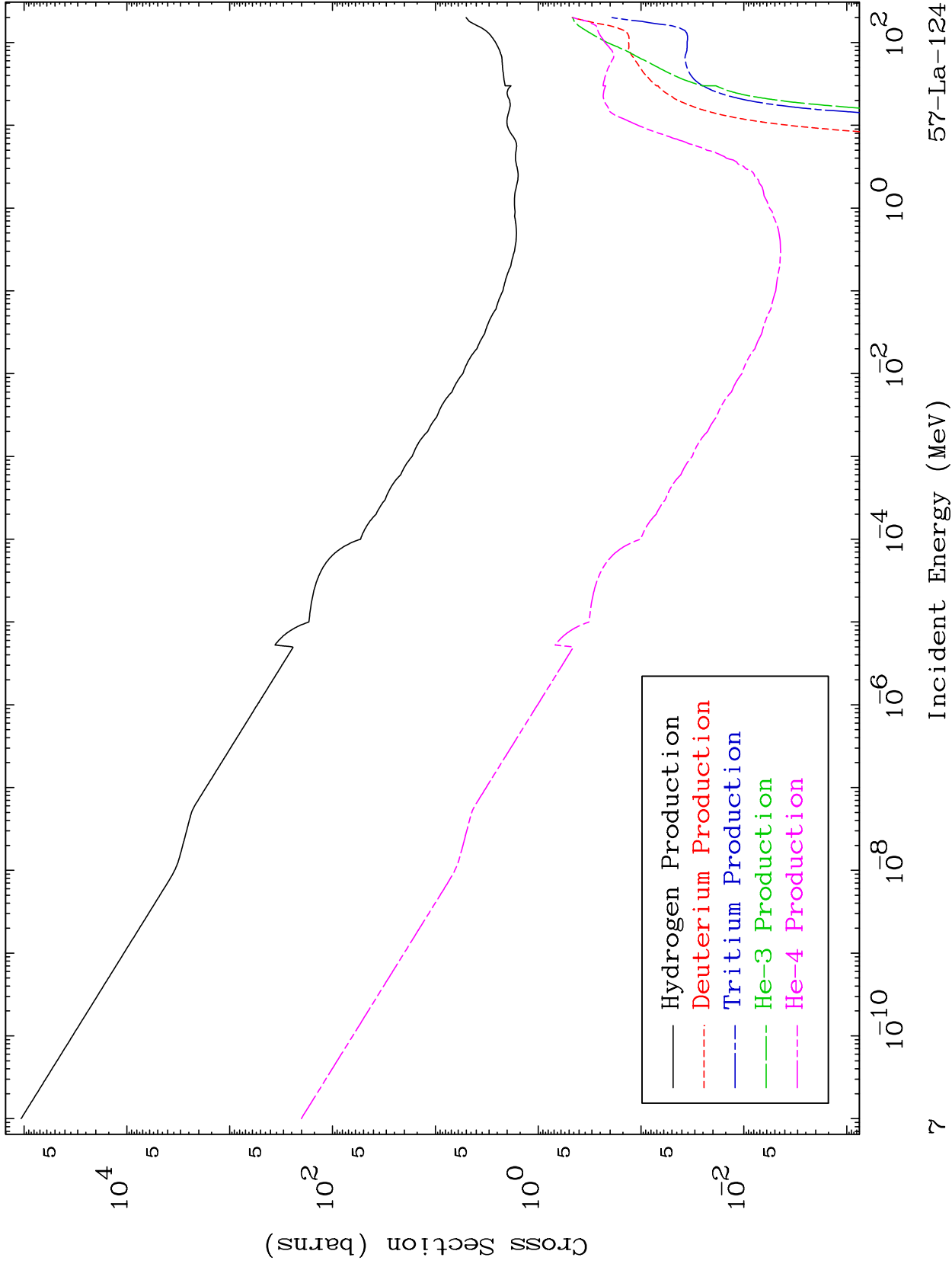
57-La-124



MAT 5683

Particle Production
293 Kelvin Cross Sections

57-La-124

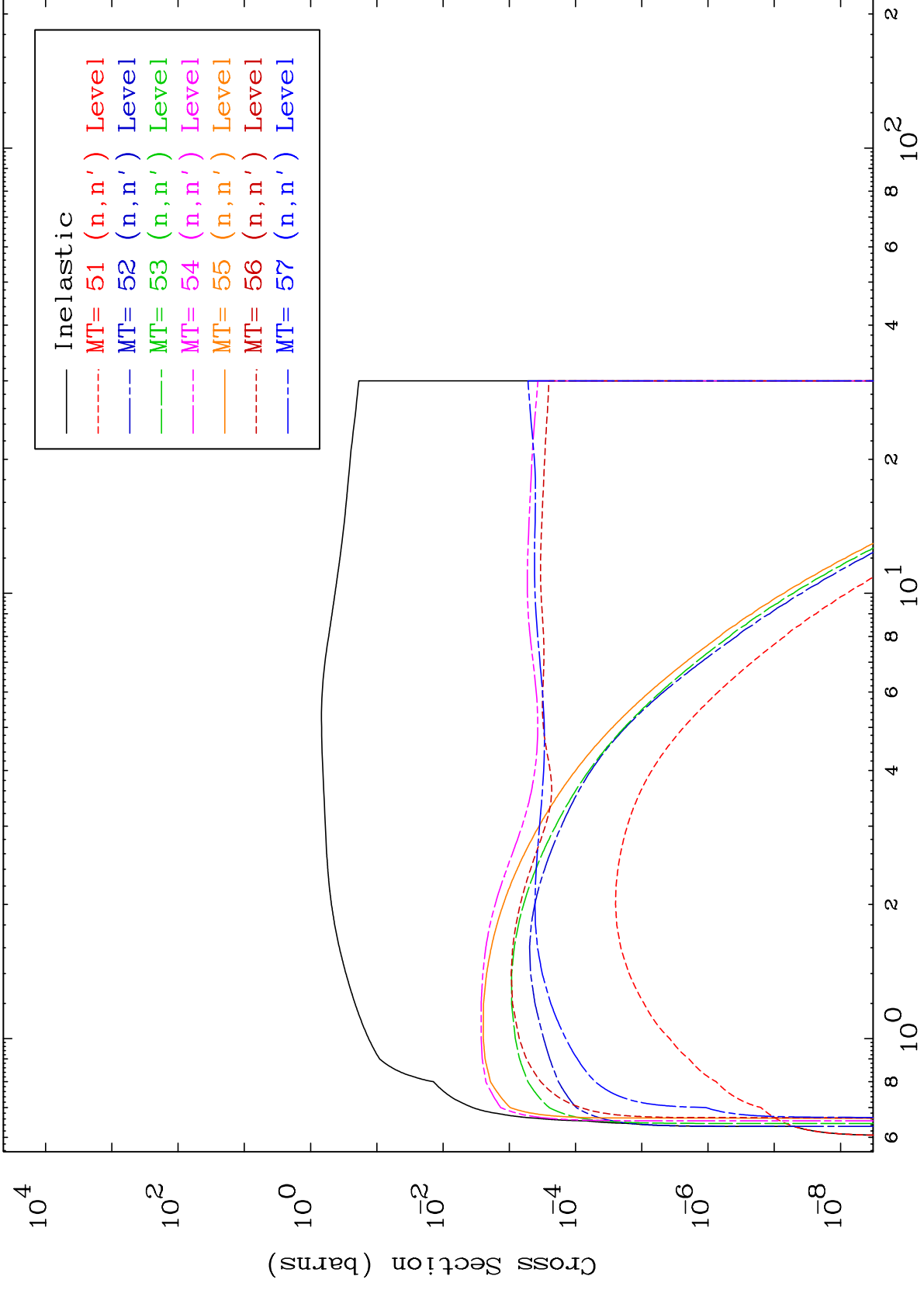


MAT 5683

(n,n') Level

57-La-124

293 Kelvin Cross Sections



8

Incident Energy (MeV)

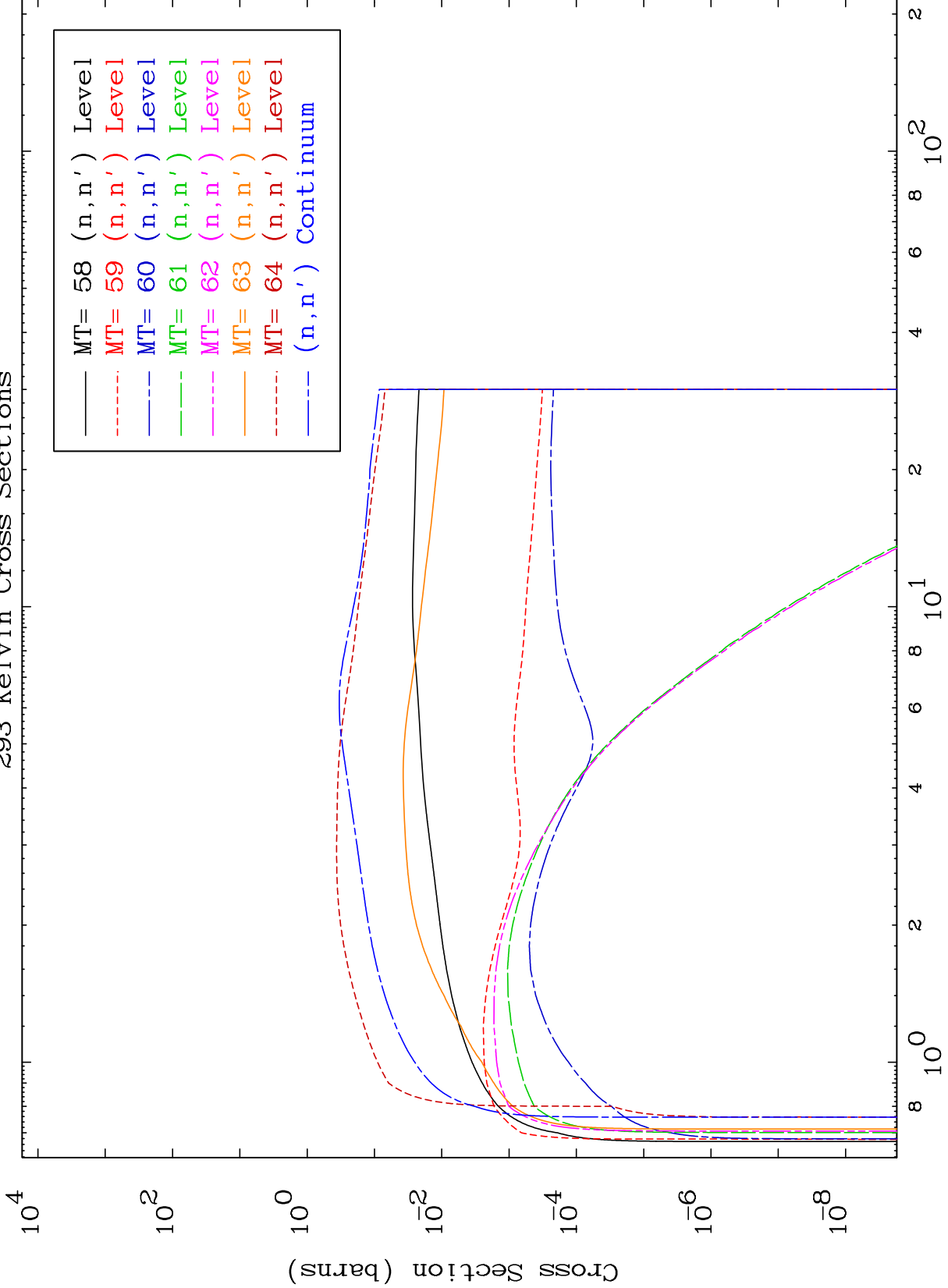
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MAT 5683

(n,n') Level

293 Kelvin Cross Sections

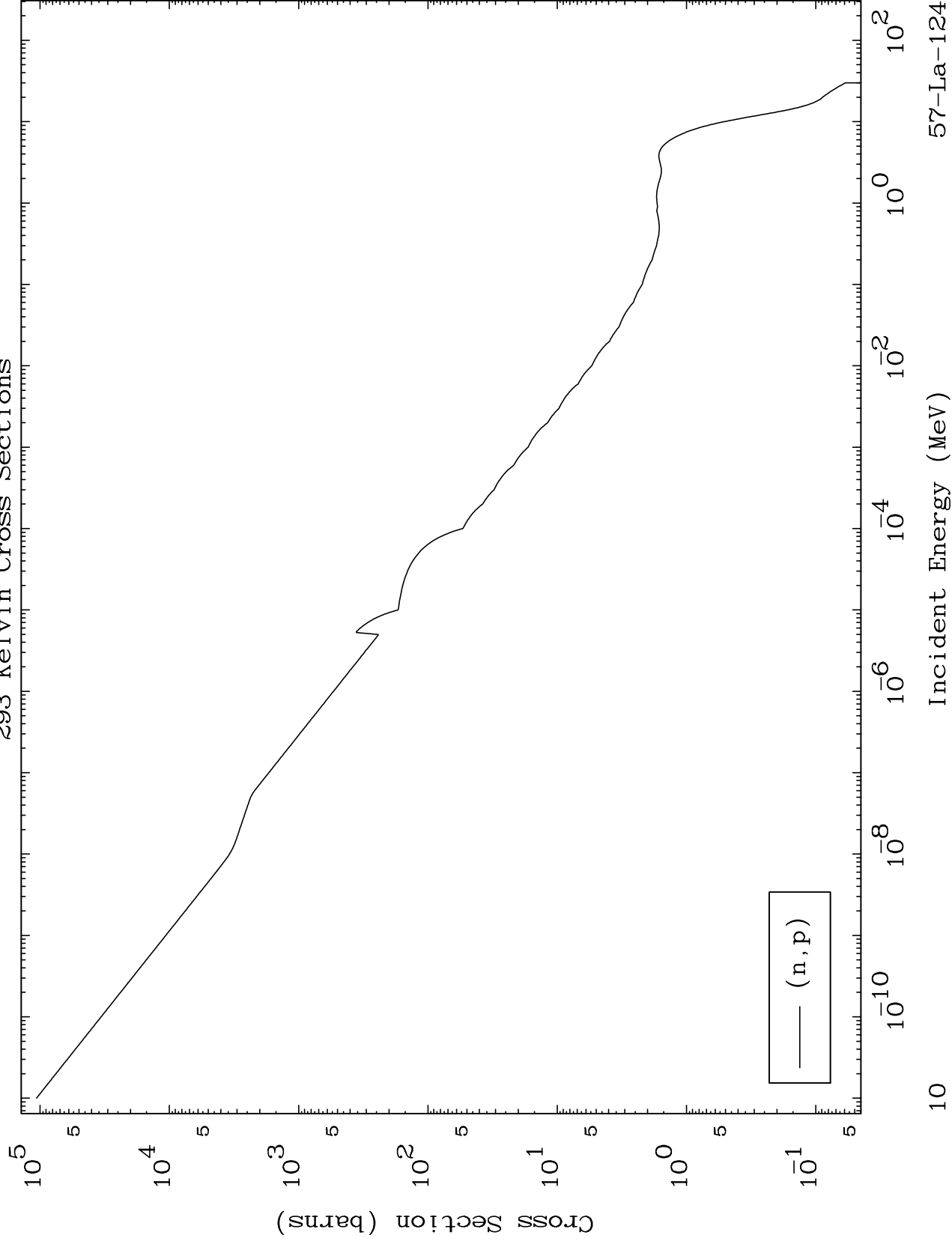
57-La-124



MAT 5683

(n,p) Levels
293 Kelvin Cross Sections

57-La-124



10

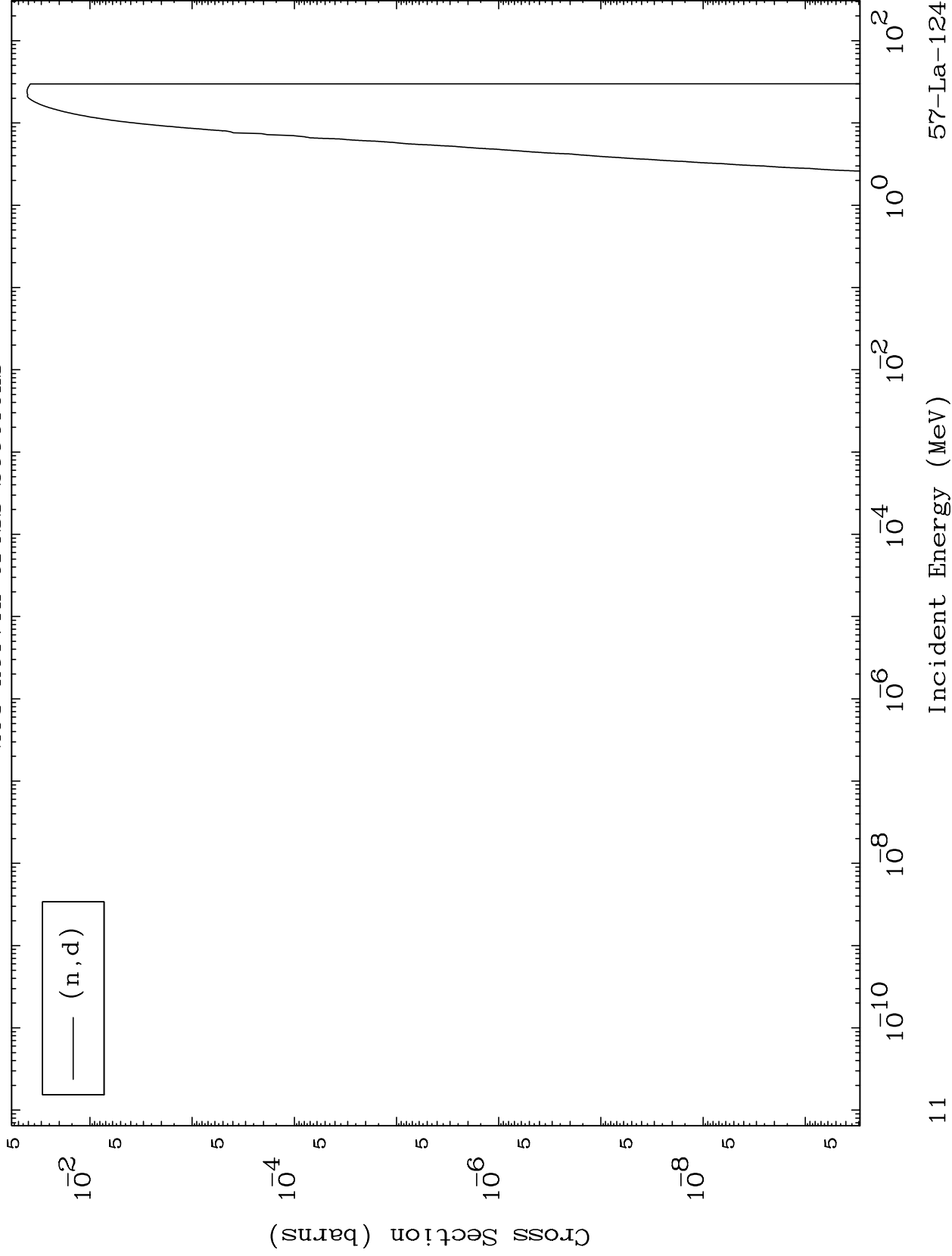
Incident Energy (MeV)

57-La-124

MAT 5683

(n,d) Levels
293 Kelvin Cross Sections

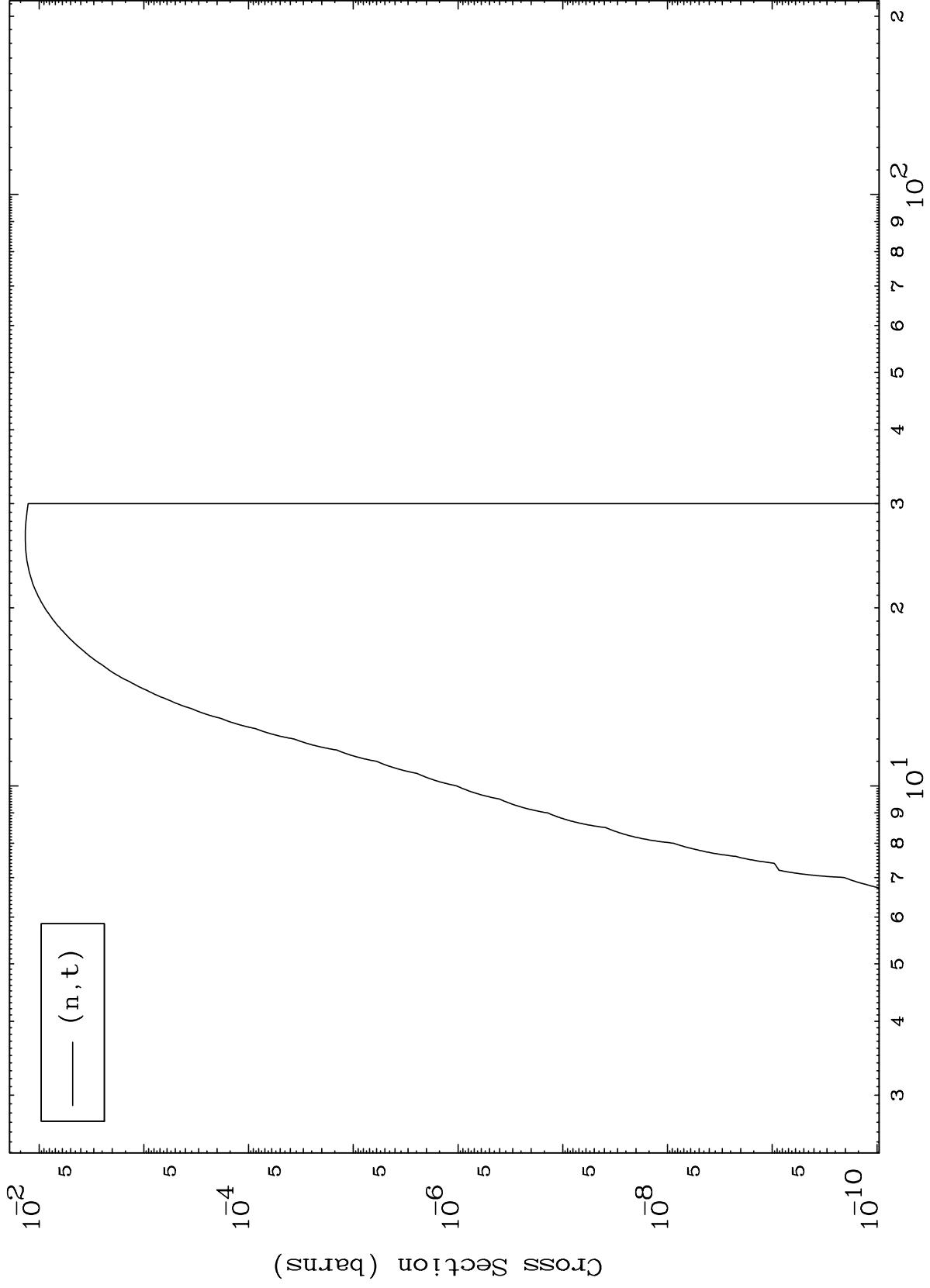
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MAT 5683

(n,t) Levels
293 Kelvin Cross Sections

57-La-124



12

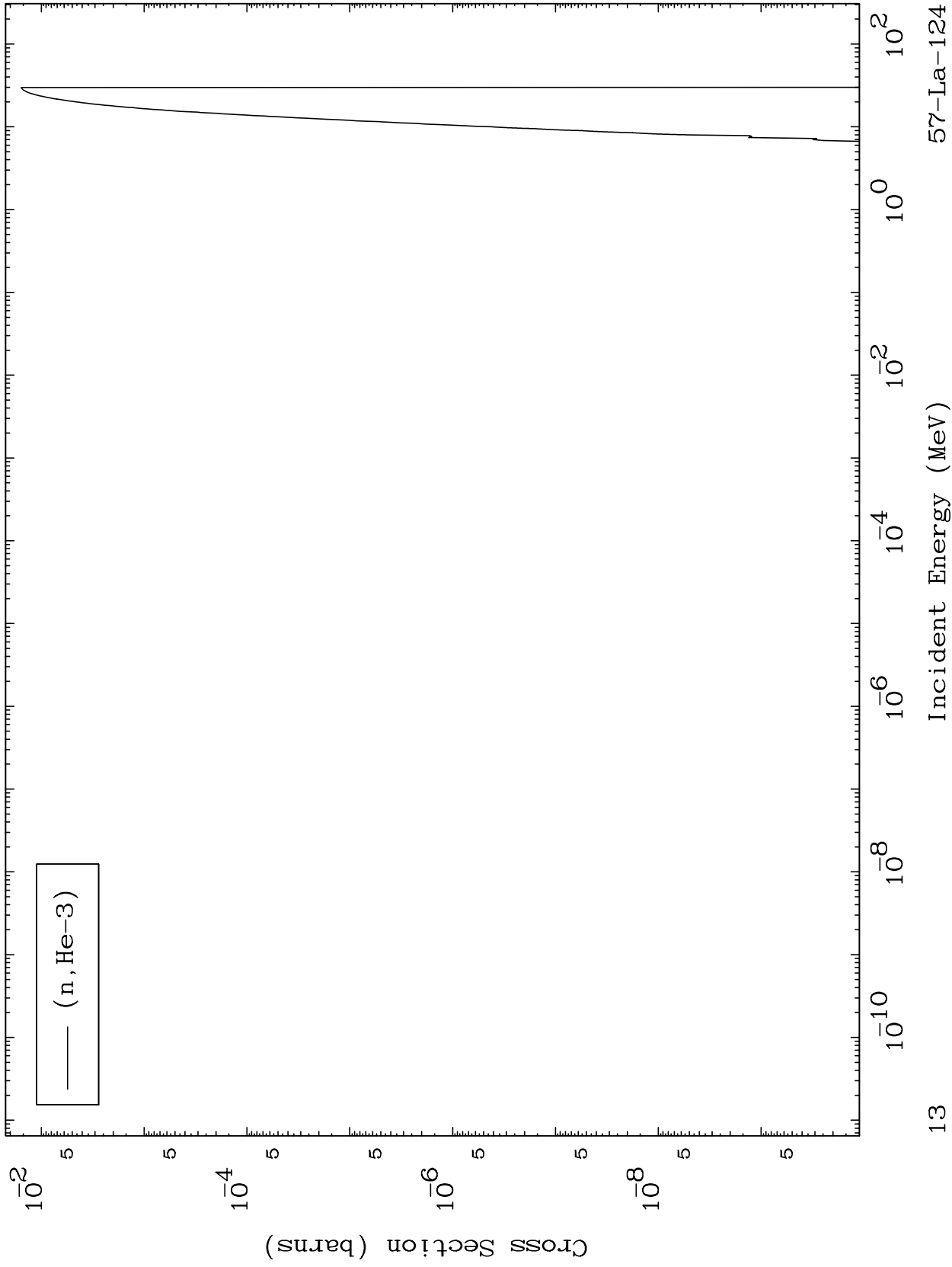
Incident Energy (MeV)

57-La-124

MAT 5683

(n,He3) Levels
293 Kelvin Cross Sections

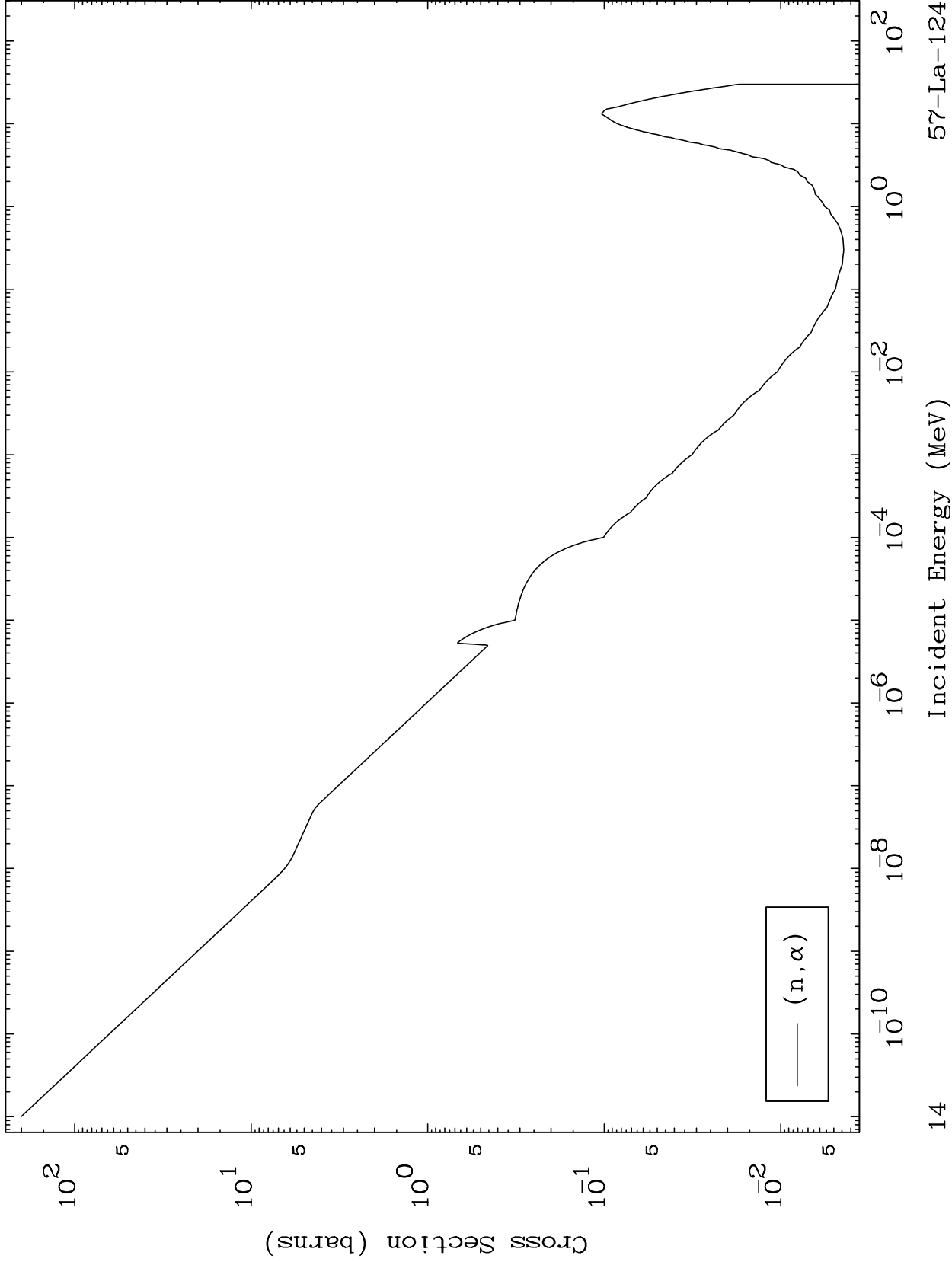
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MAT 5683

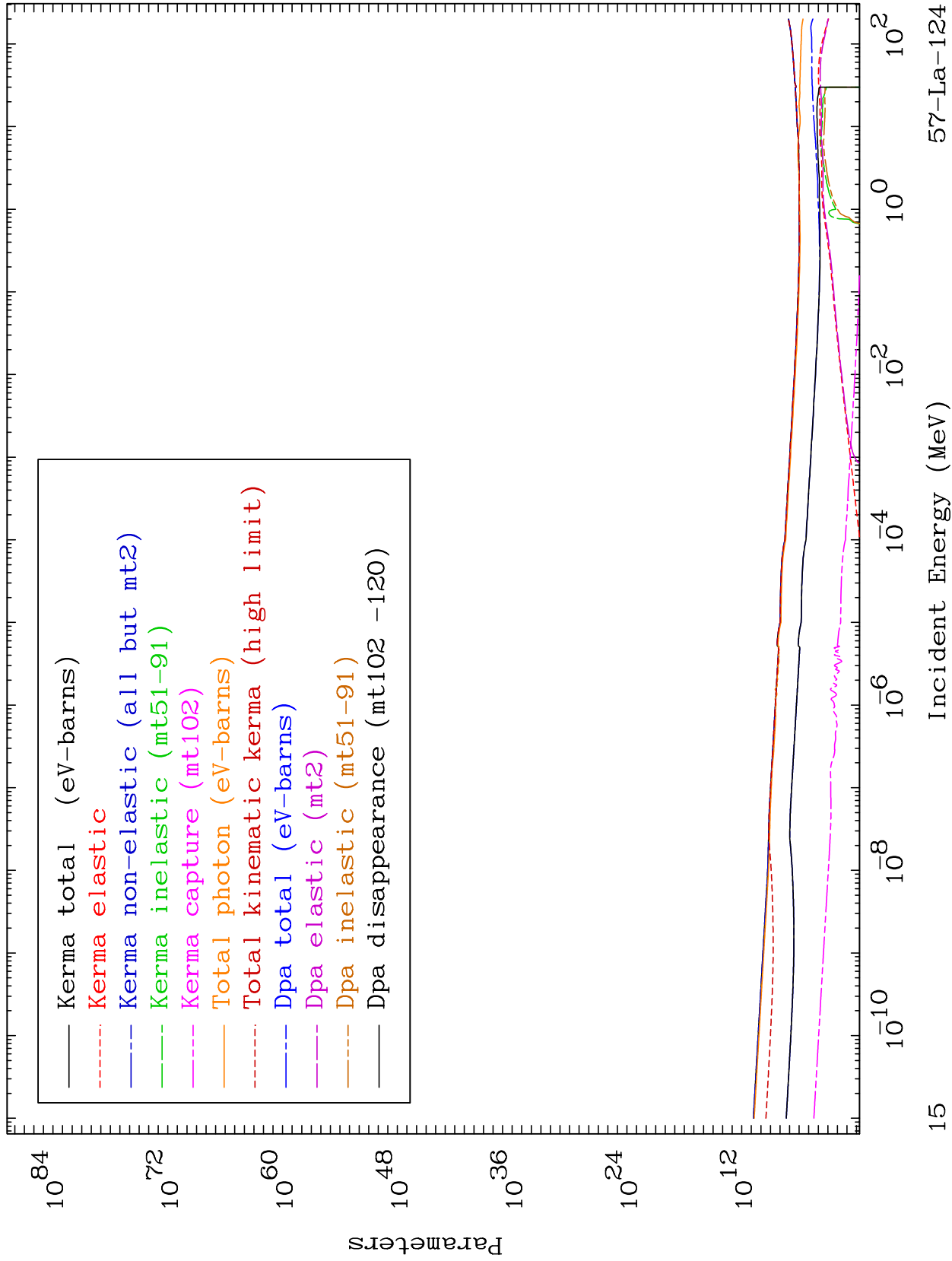
(n, α) Levels
293 Kelvin Cross Sections

57-La-124



14

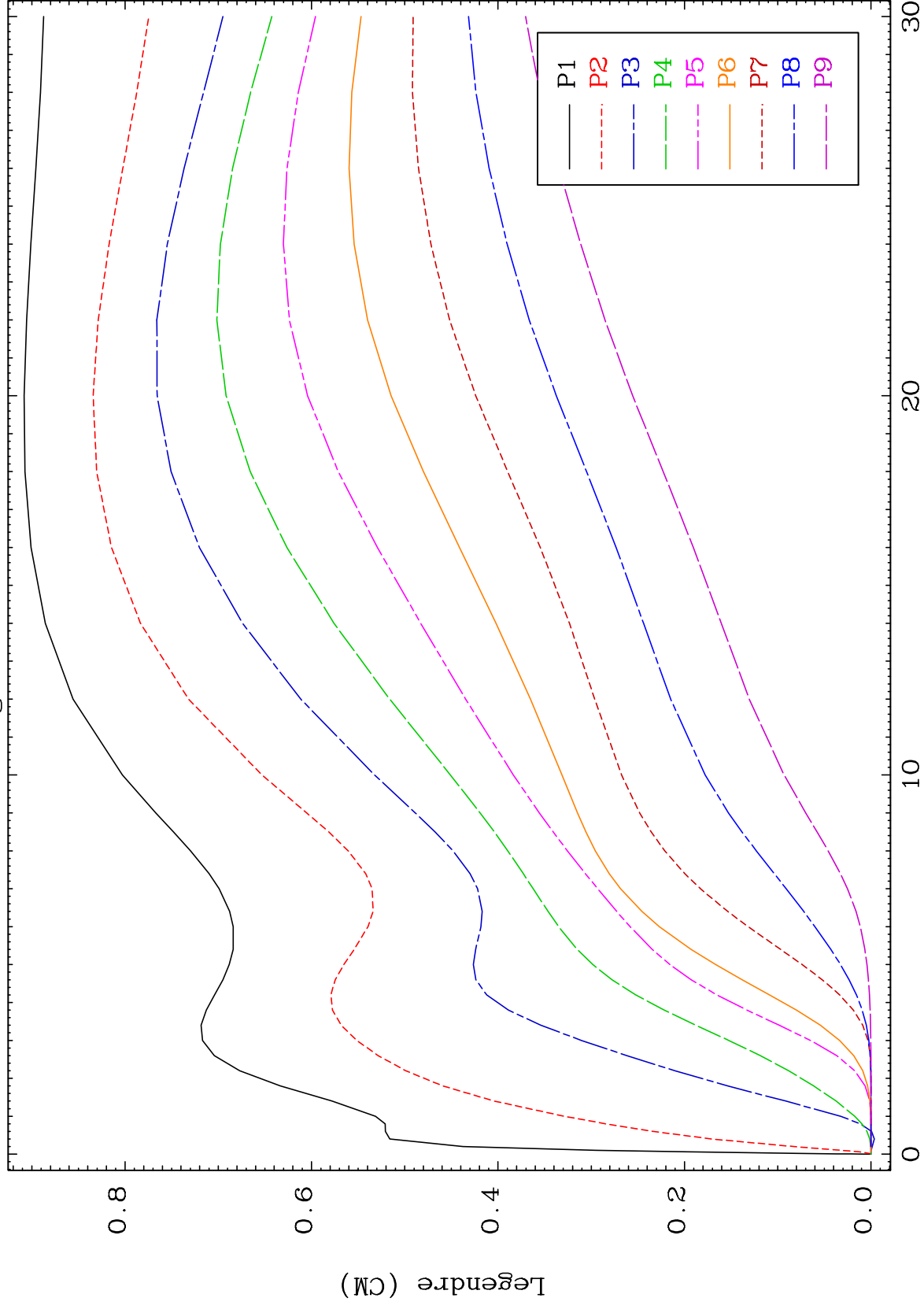
57-La-124



MAT 5683

Elastic Legendre Coefficients

57-La-124



16

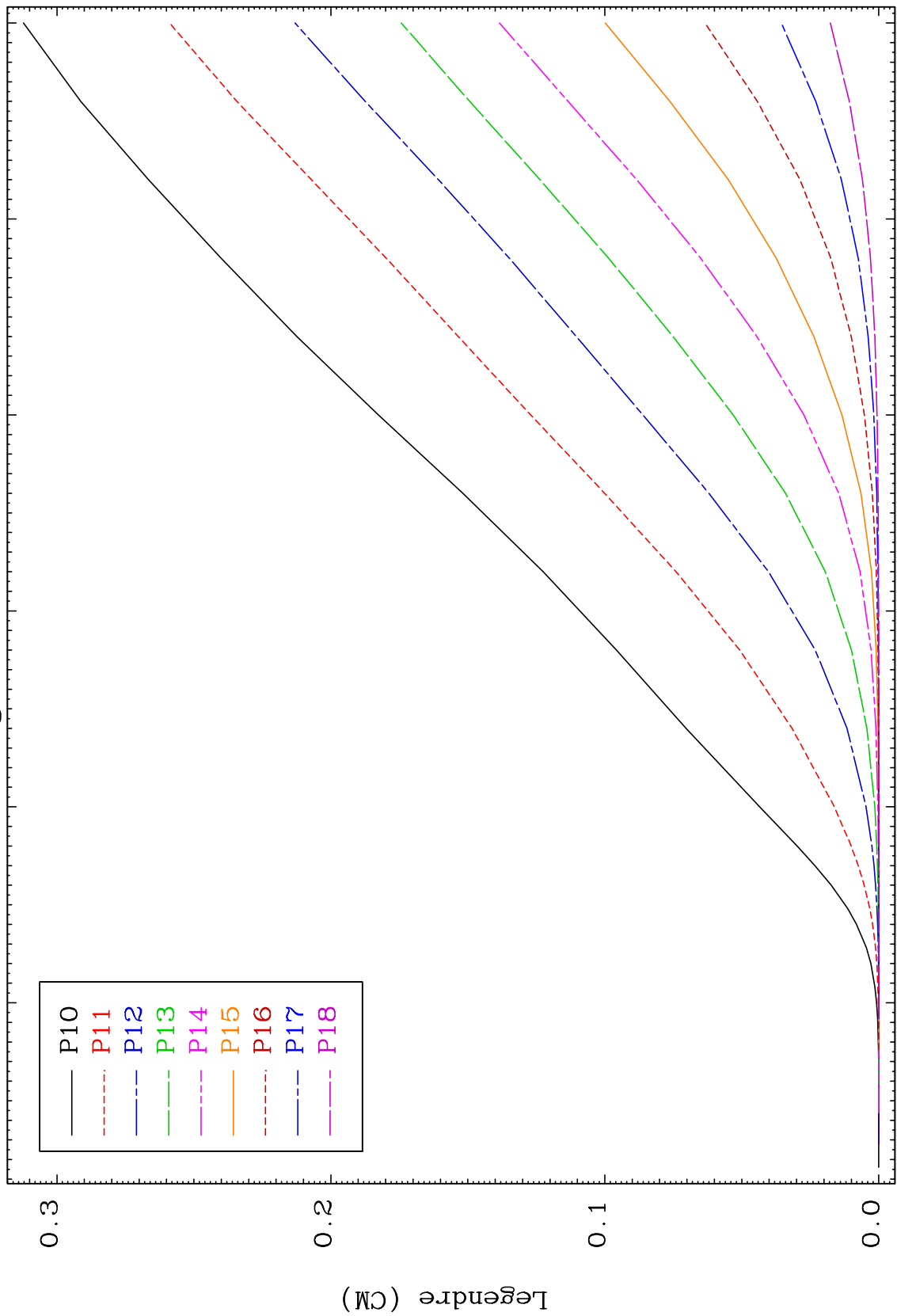
Incident Energy (MeV)

57-La-124

MAT 5683

Elastic Legendre Coefficients

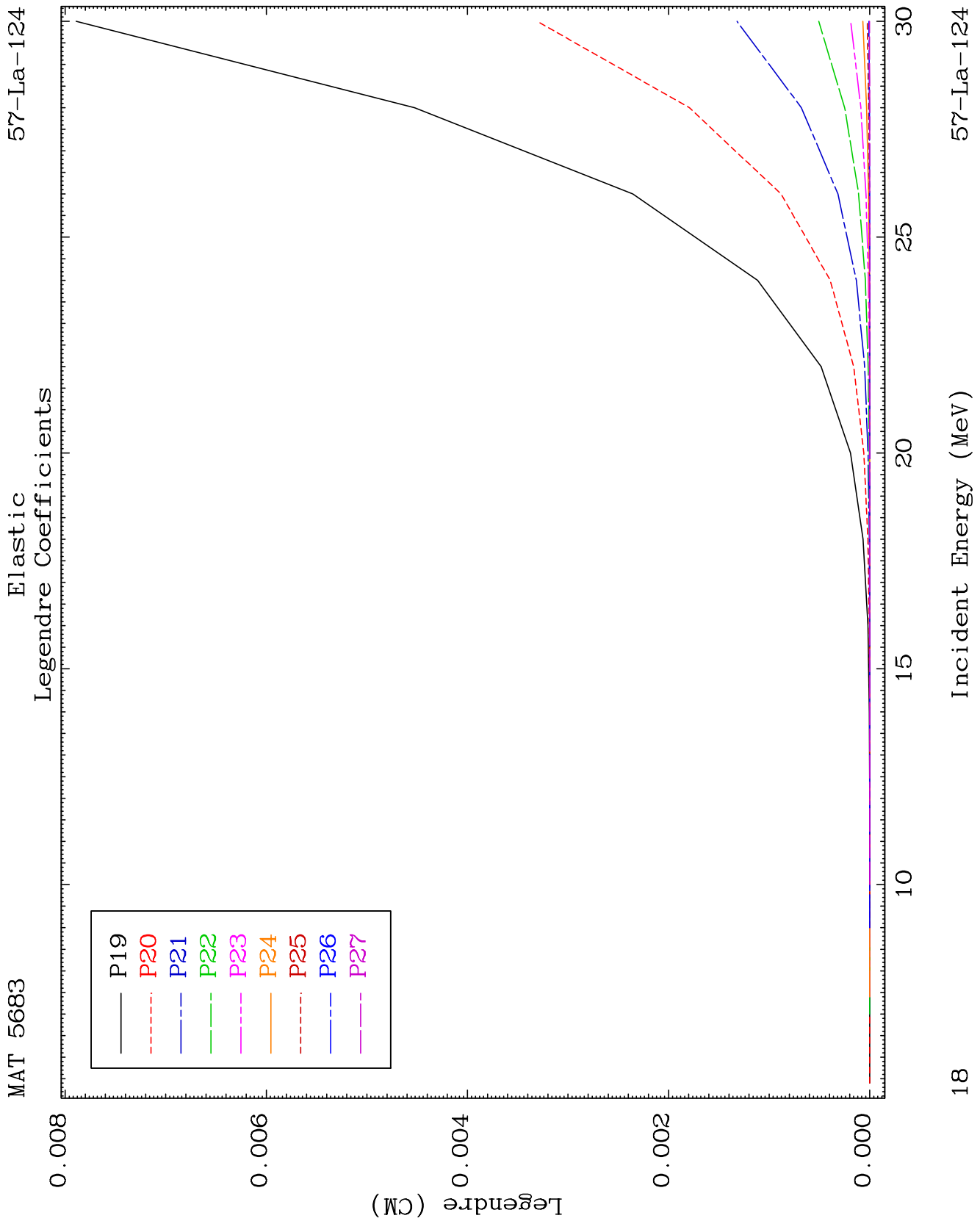
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17

Incident Energy (MeV)

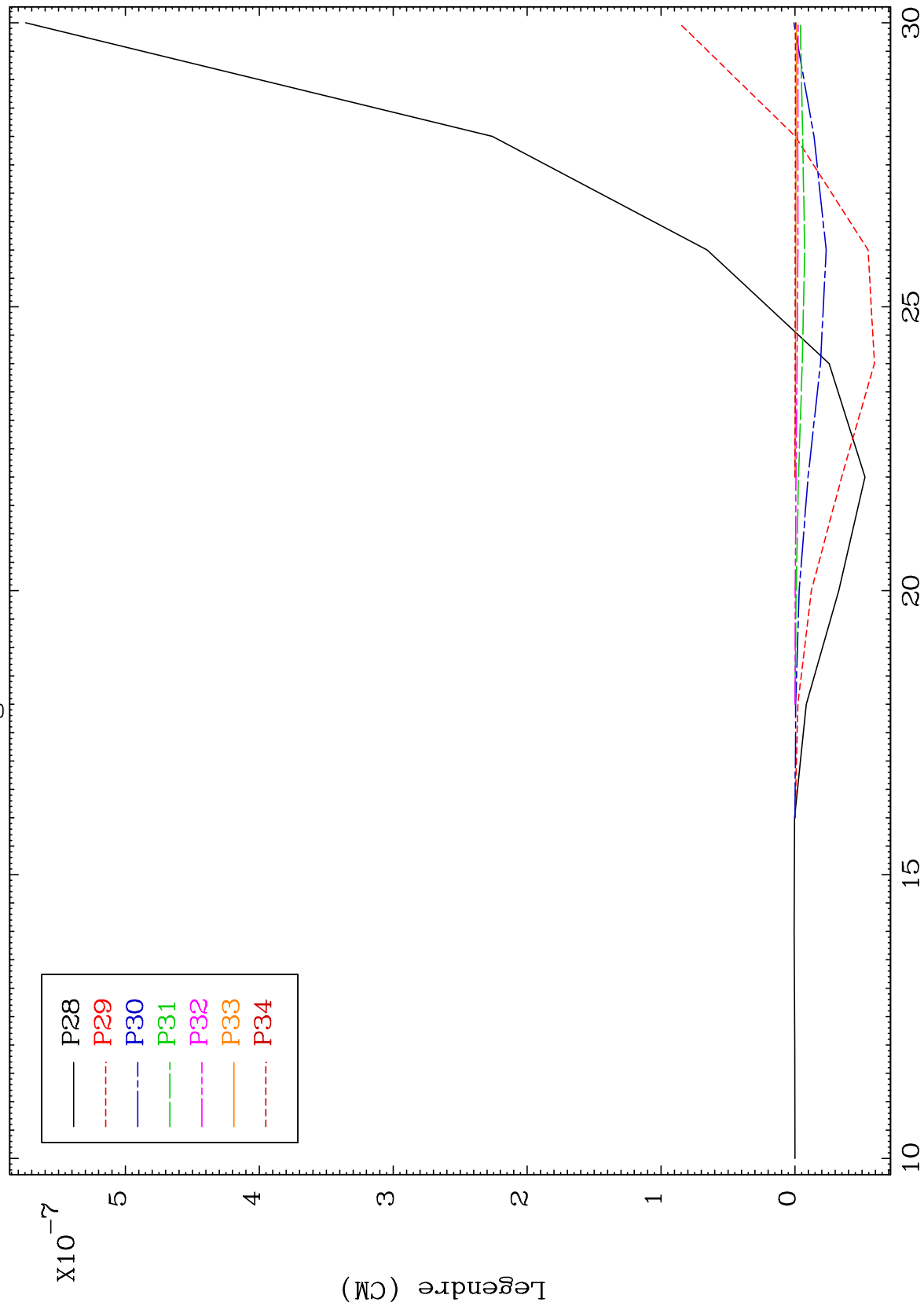
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MAT 5683

Elastic Legendre Coefficients

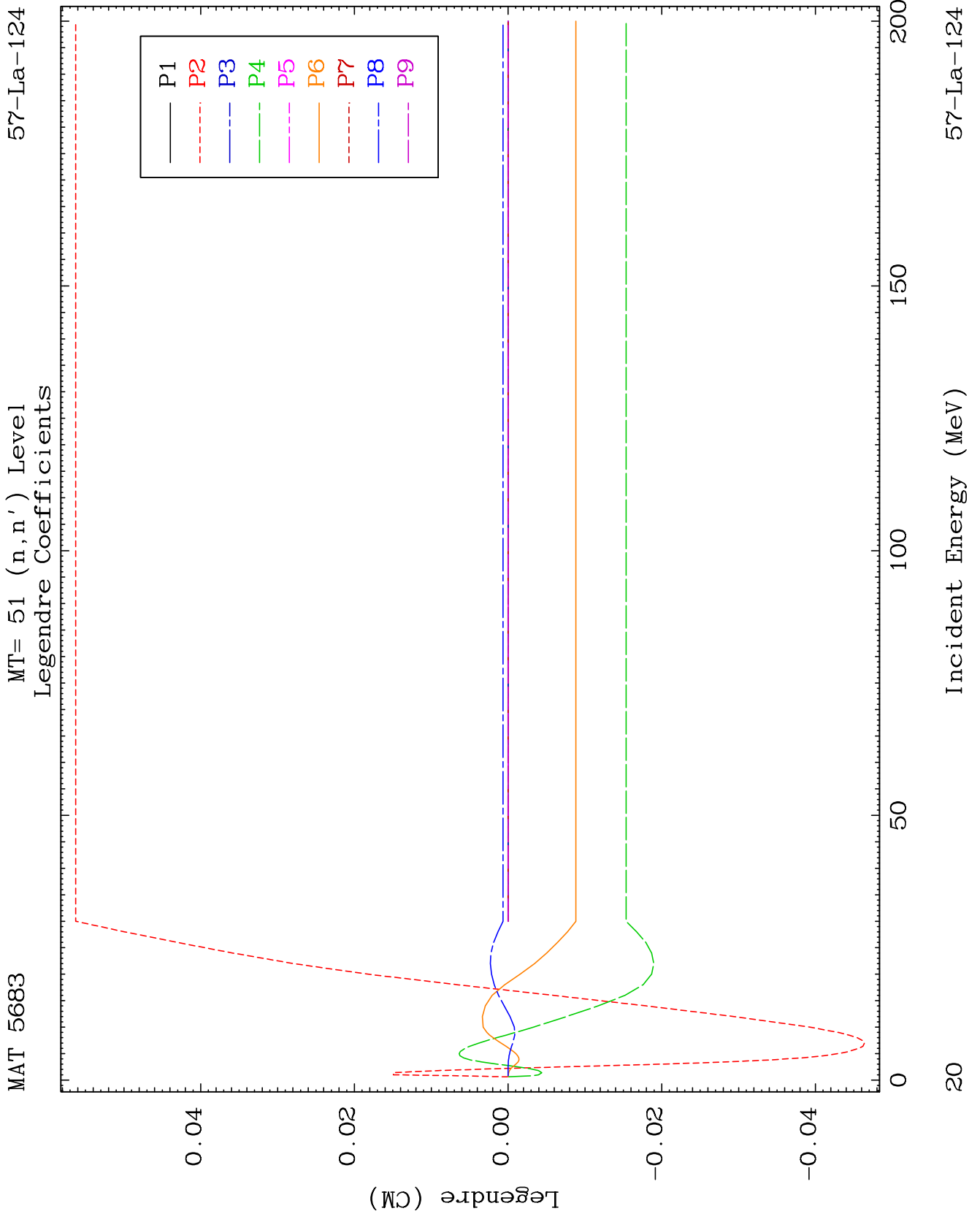
57-La-124



19

Incident Energy (MeV)

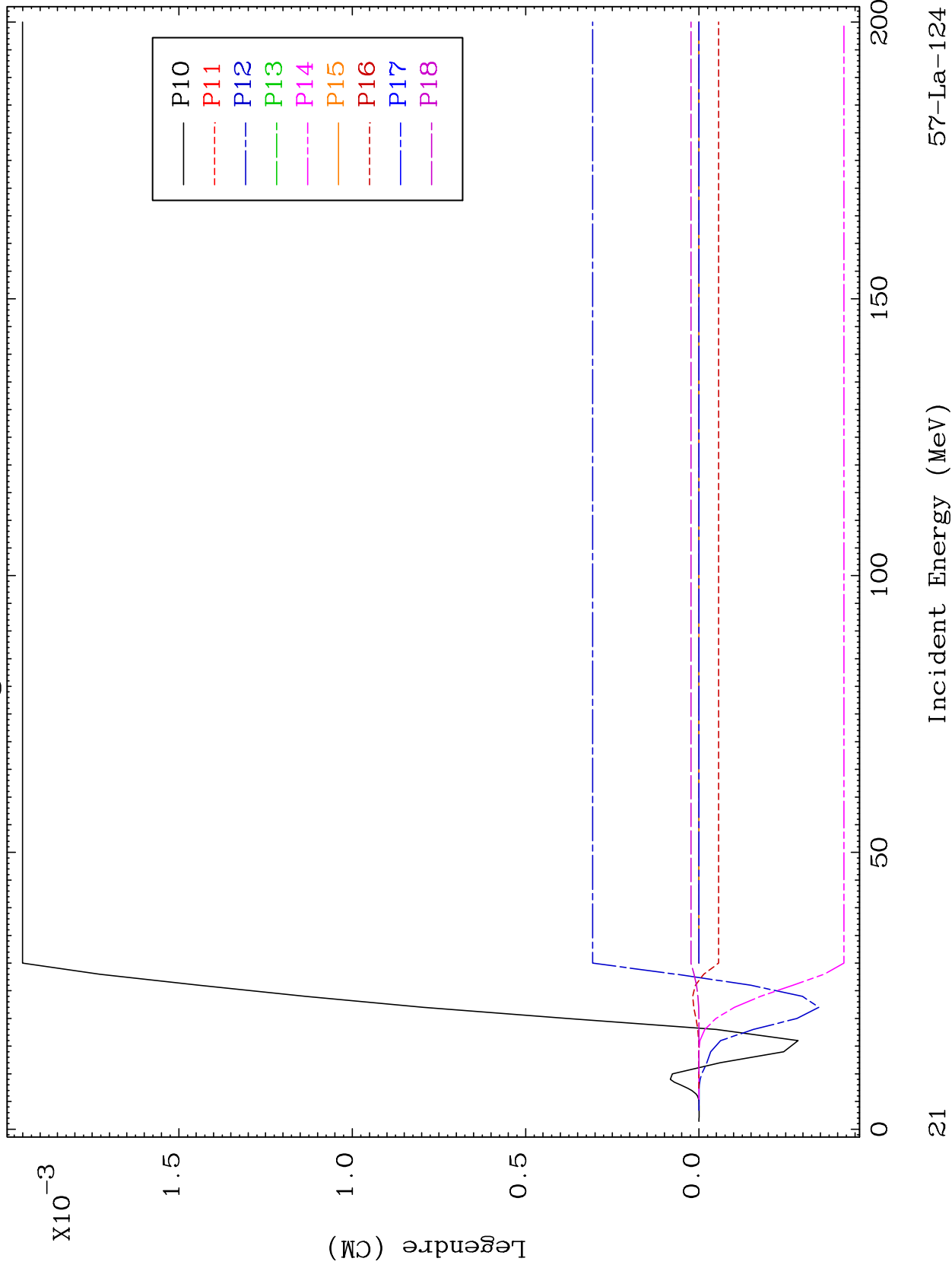
57-La-124



MAT 5683

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

57-La-124



21

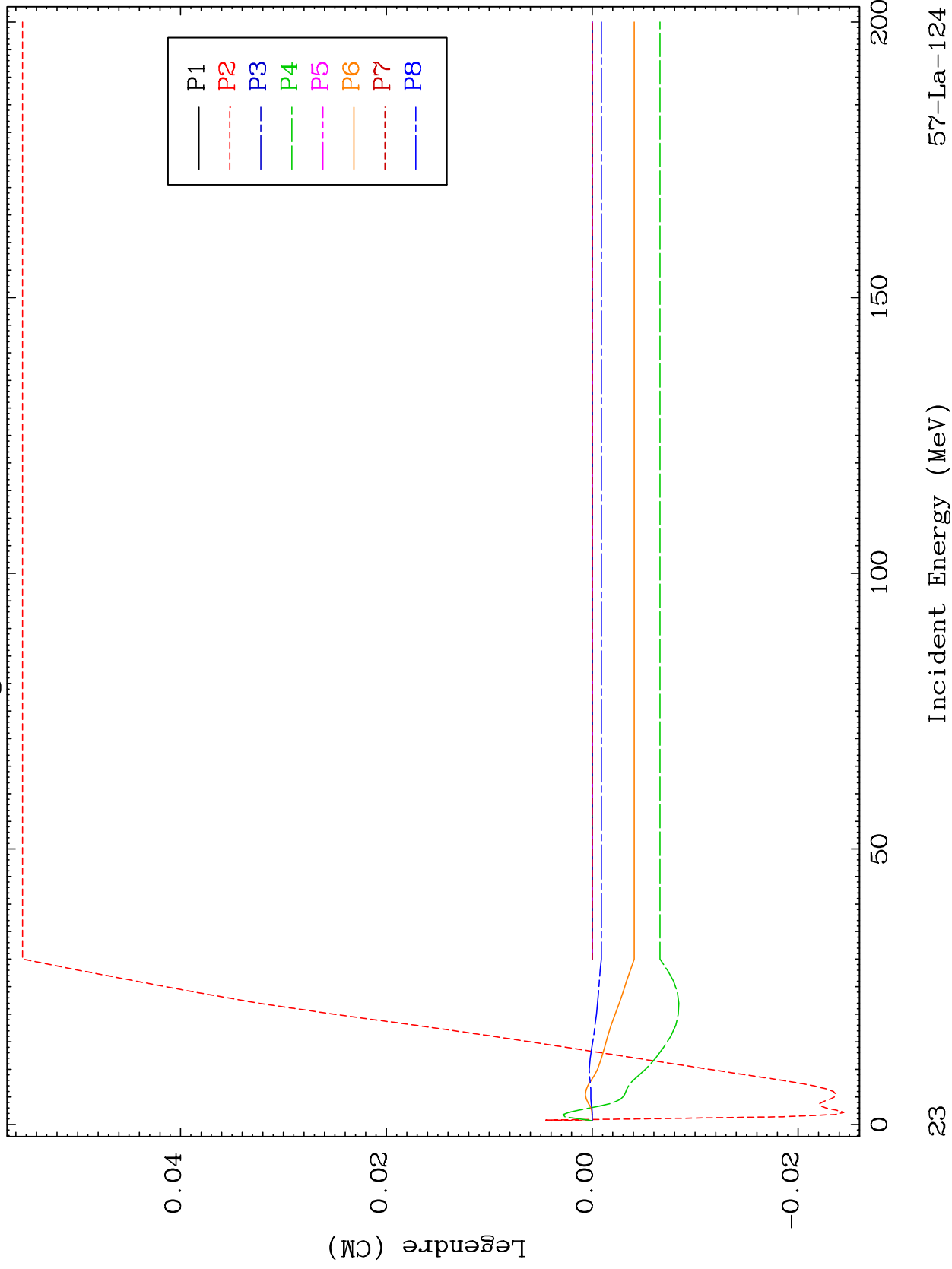
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



57-La-124

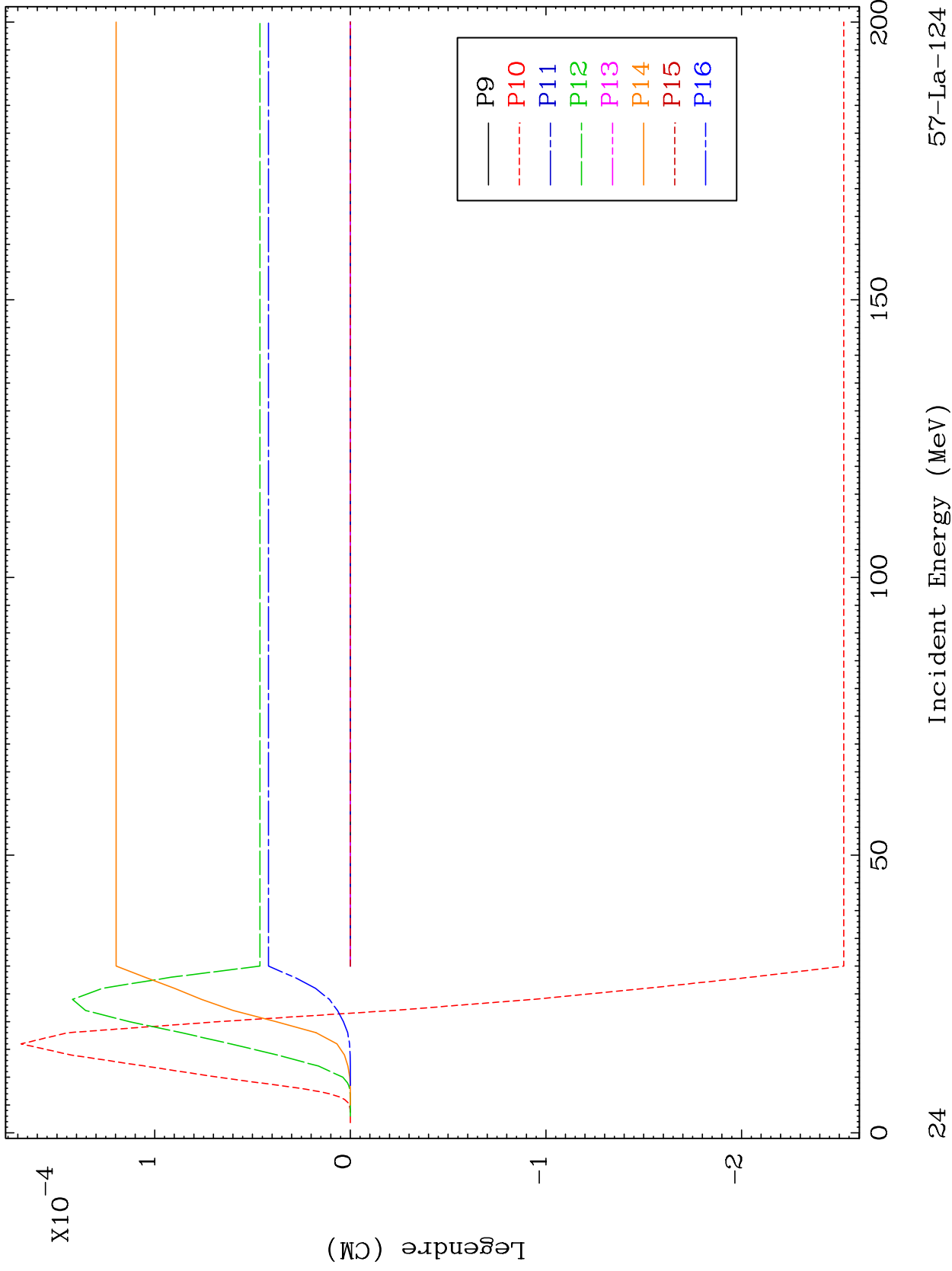
Incident Energy (MeV)

23

MAT 5683

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

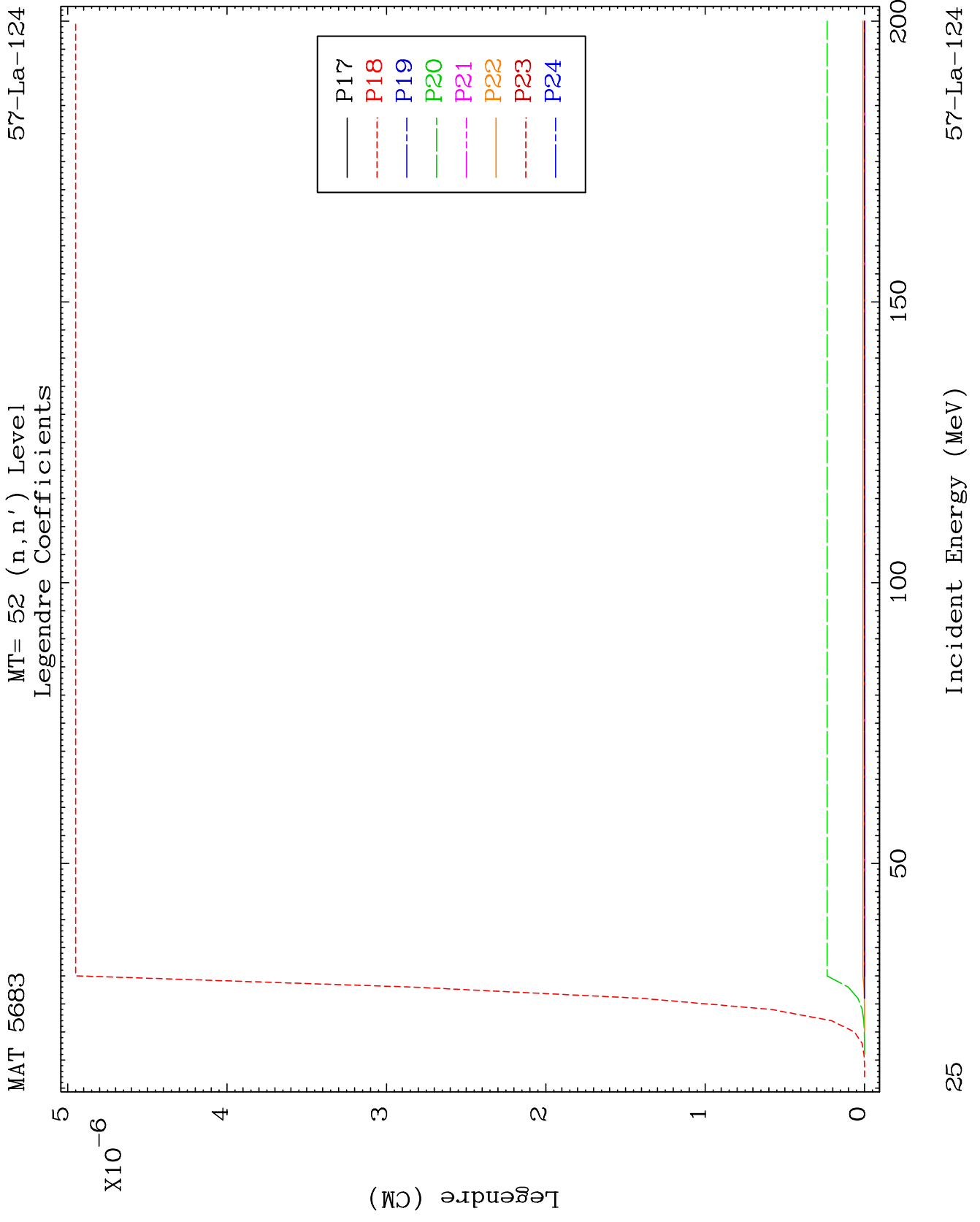
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57-La-124

Incident Energy (MeV)

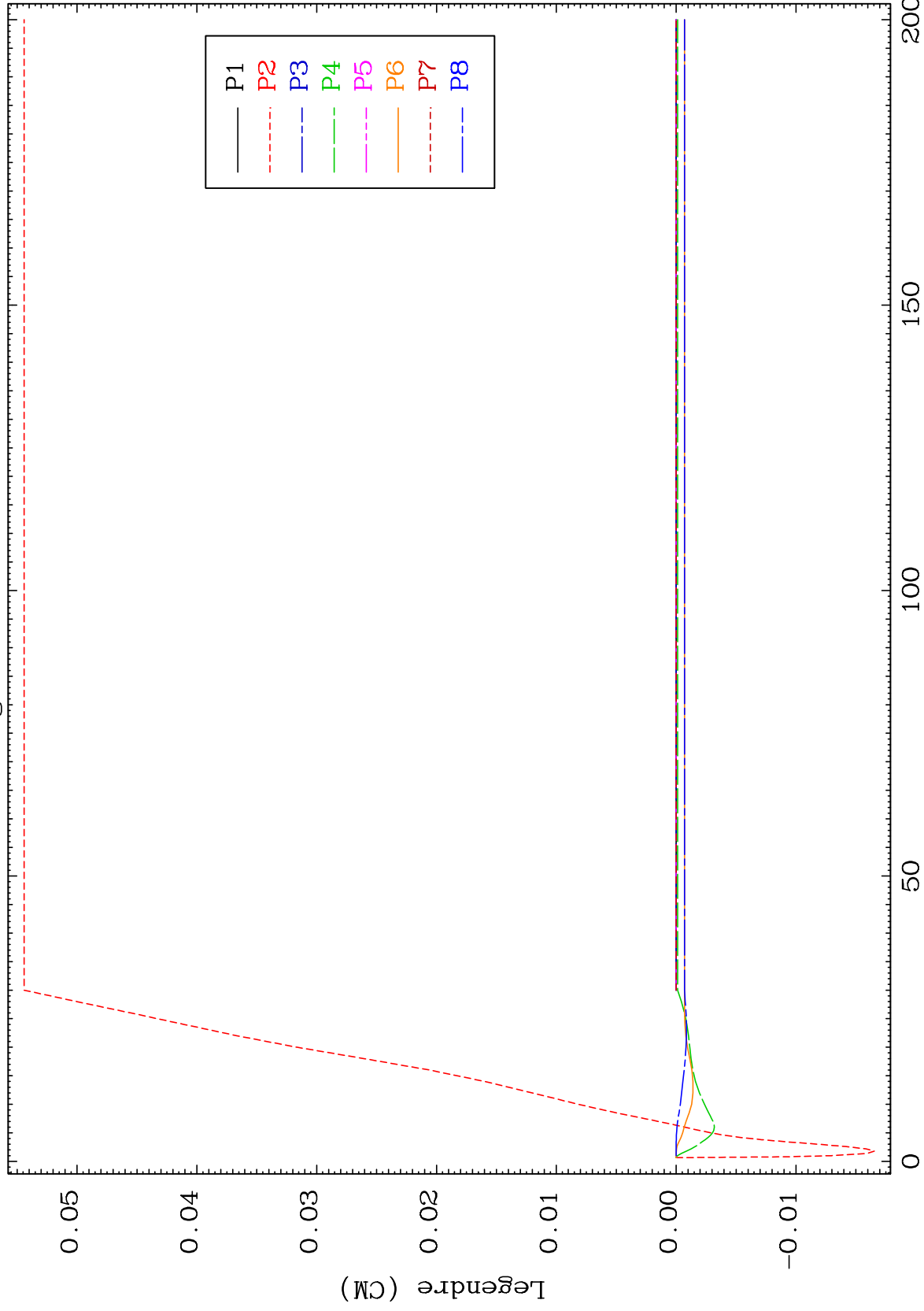
24



MAT 5683

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

57-La-124



26

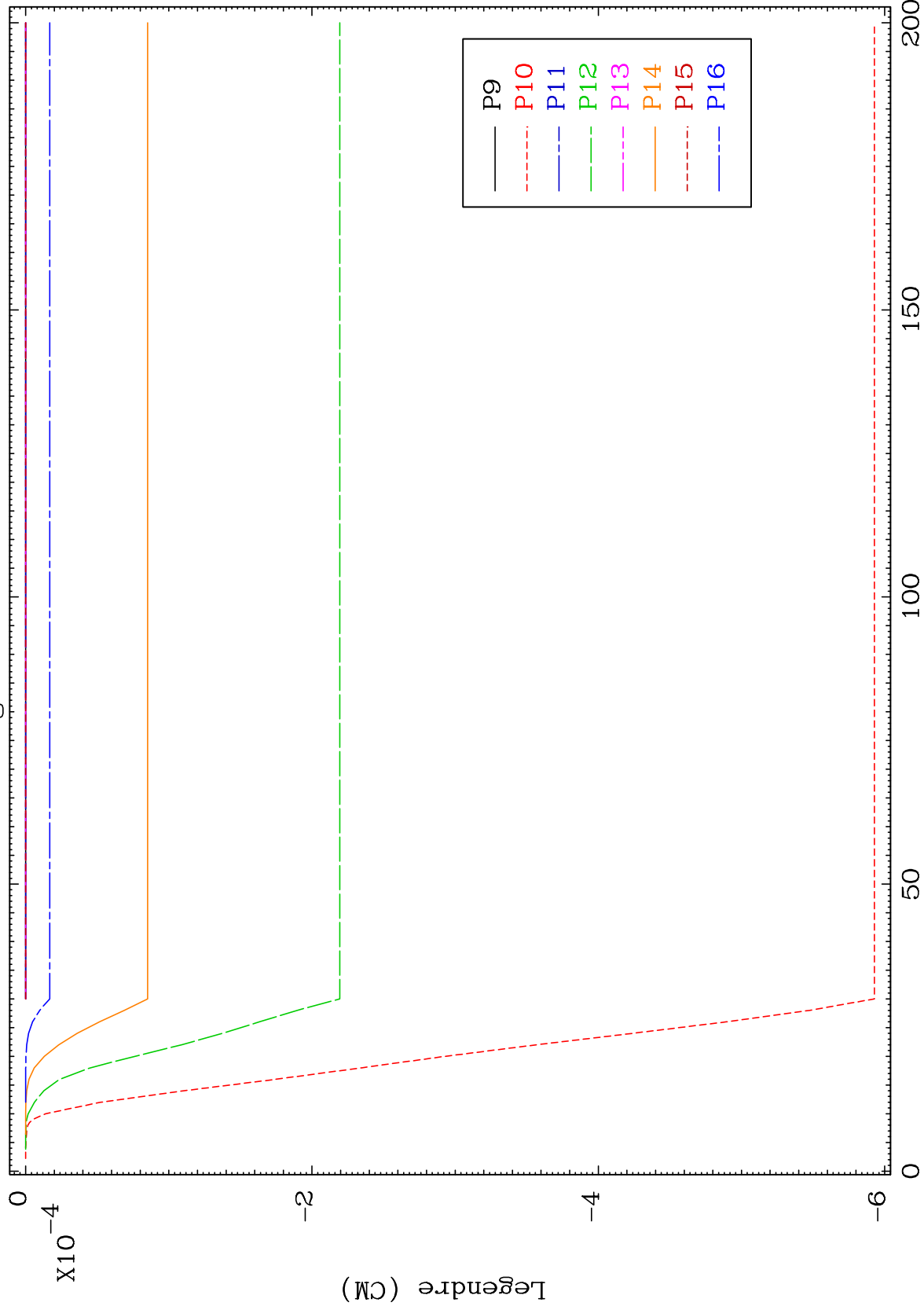
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



27

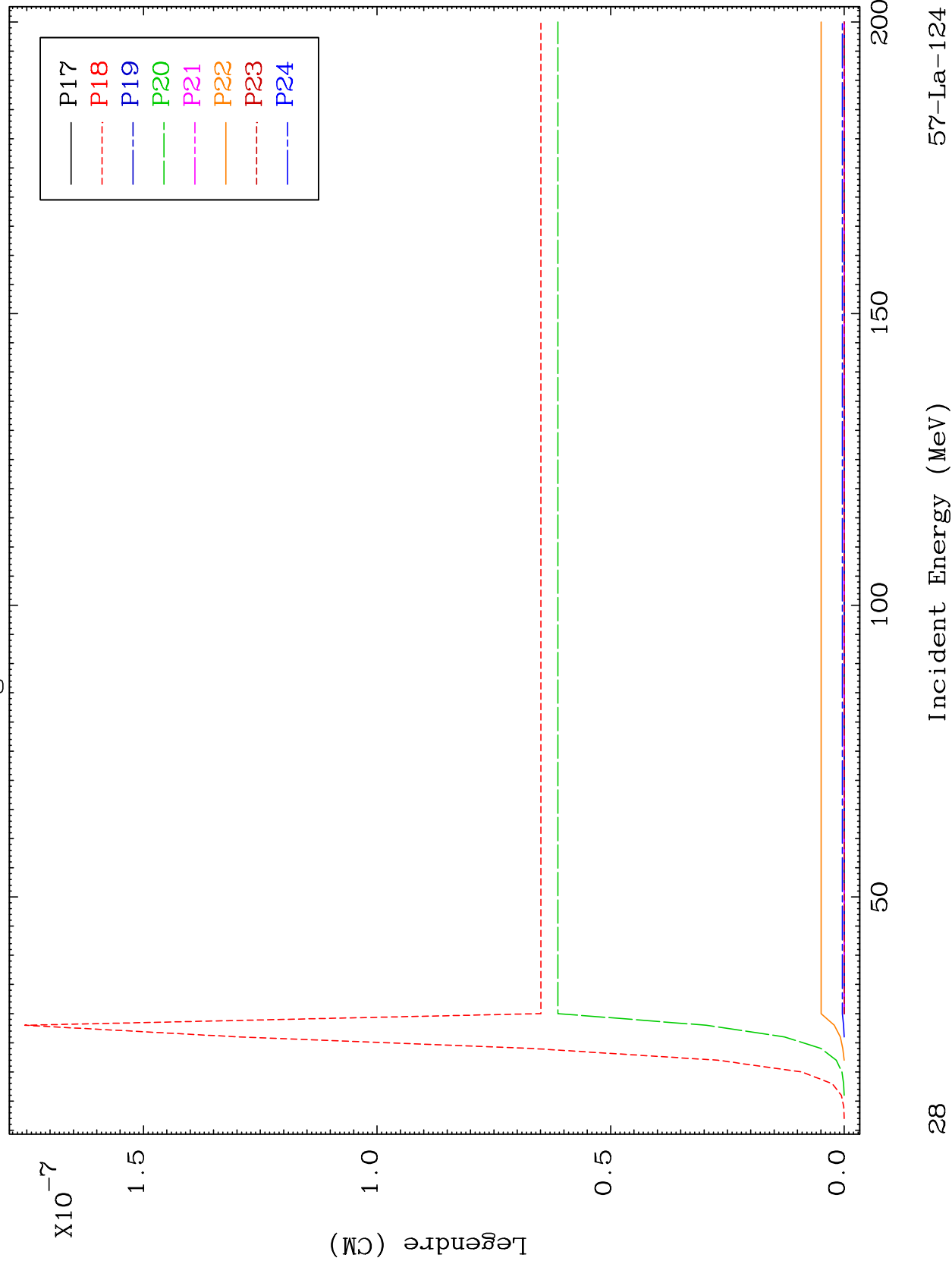
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



28

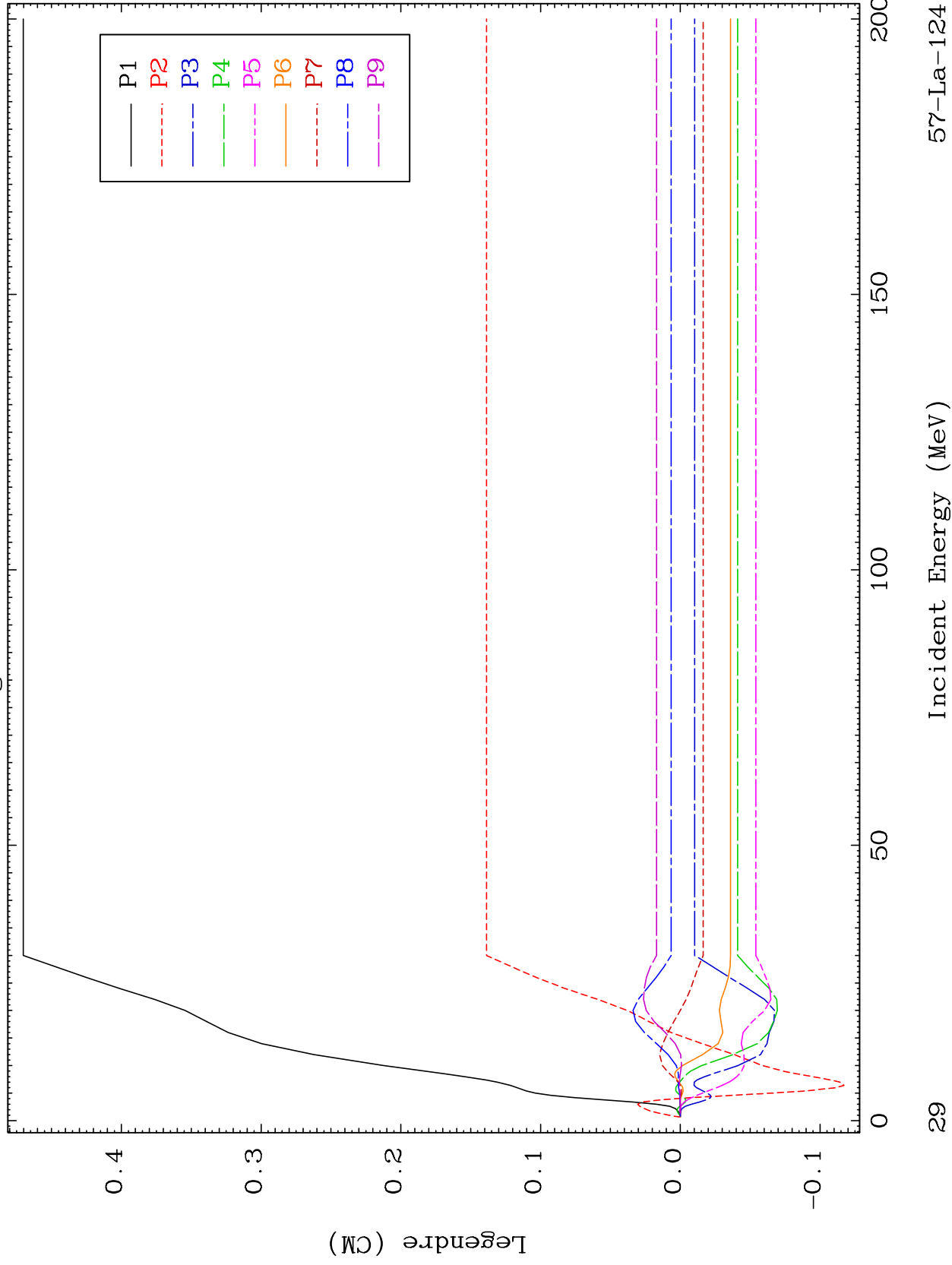
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



29

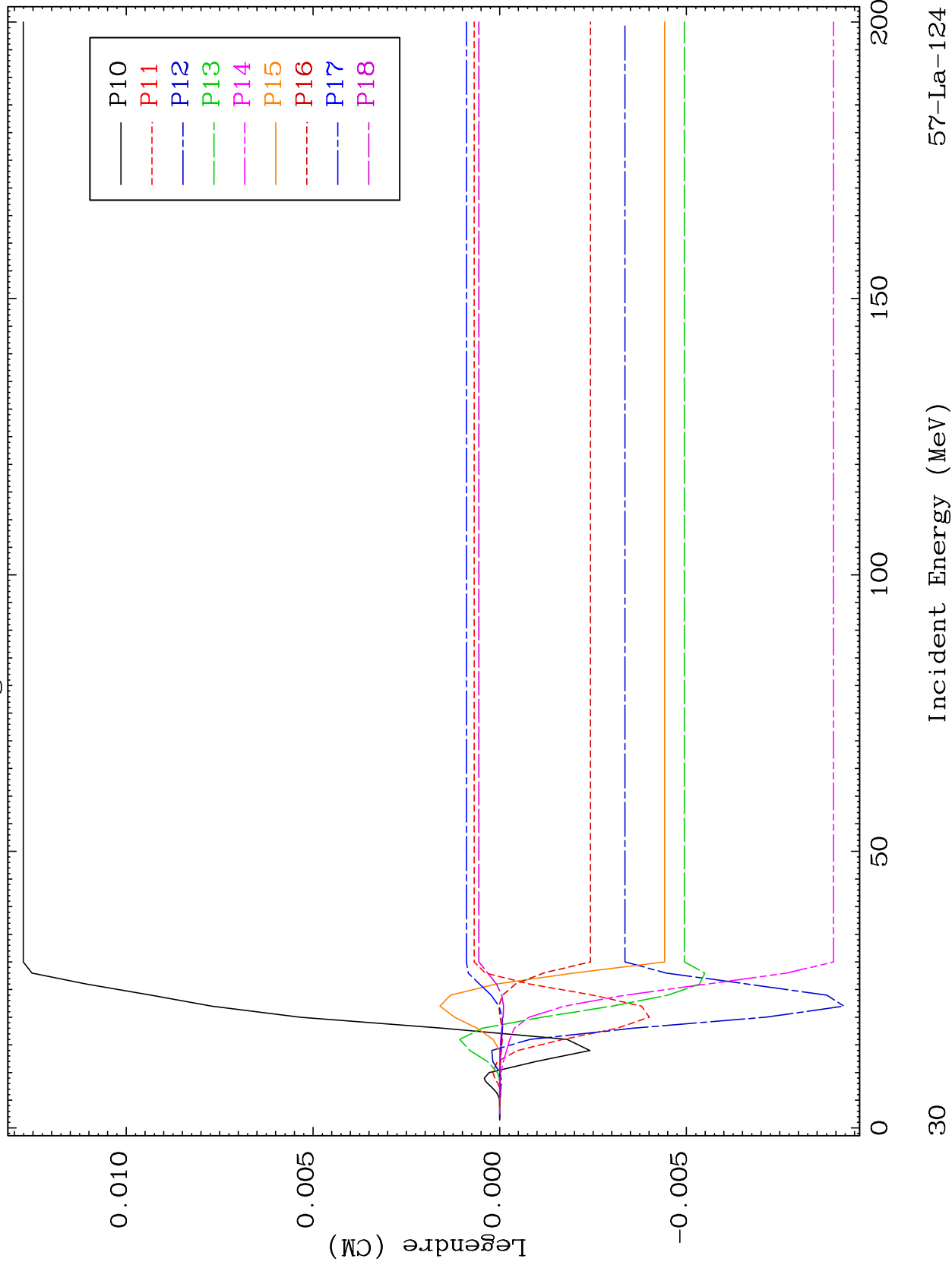
Incident Energy (MeV)

57-La-124

MAT 5683

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

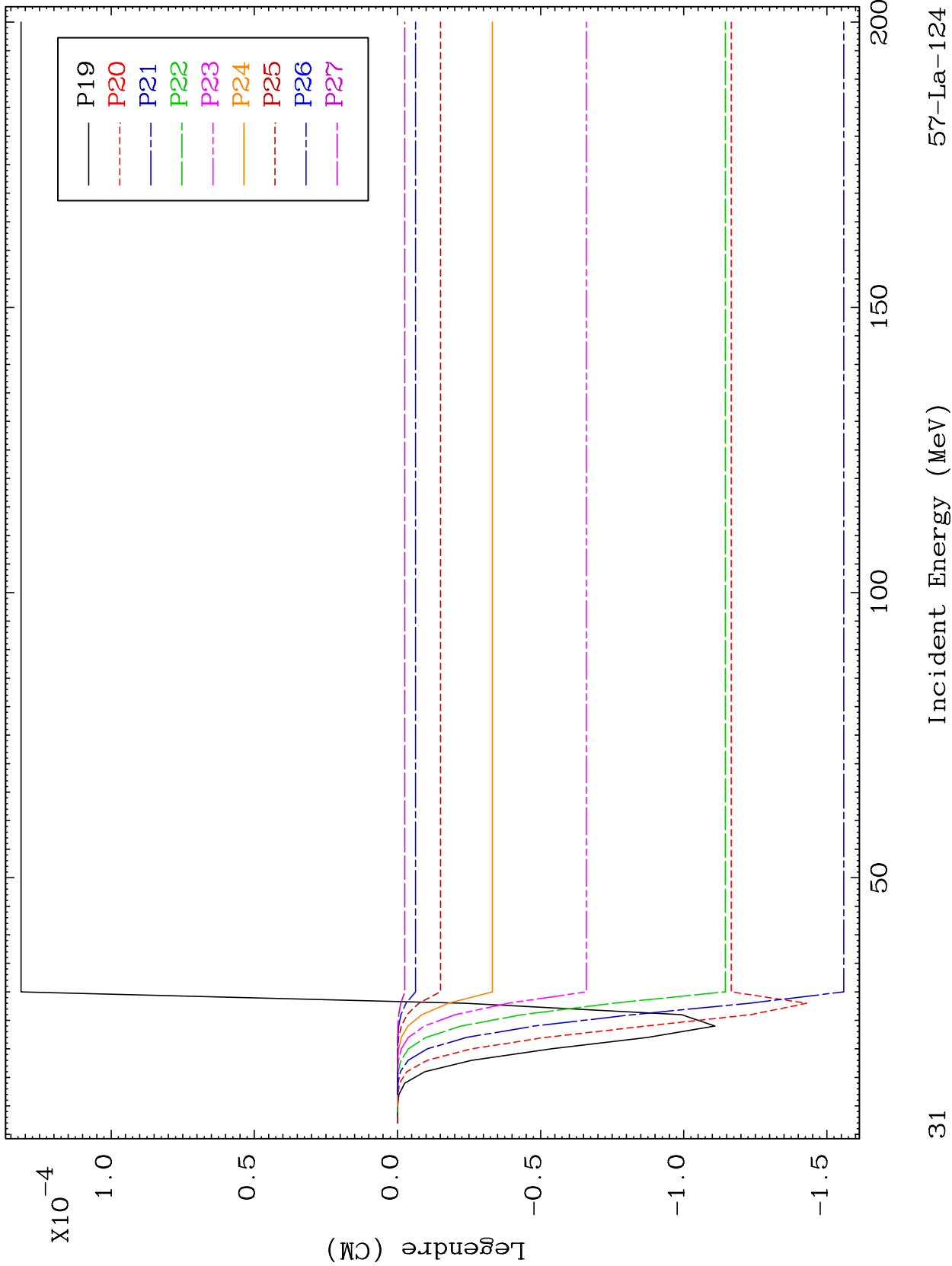
57-La-124



57-La-124

Incident Energy (MeV)

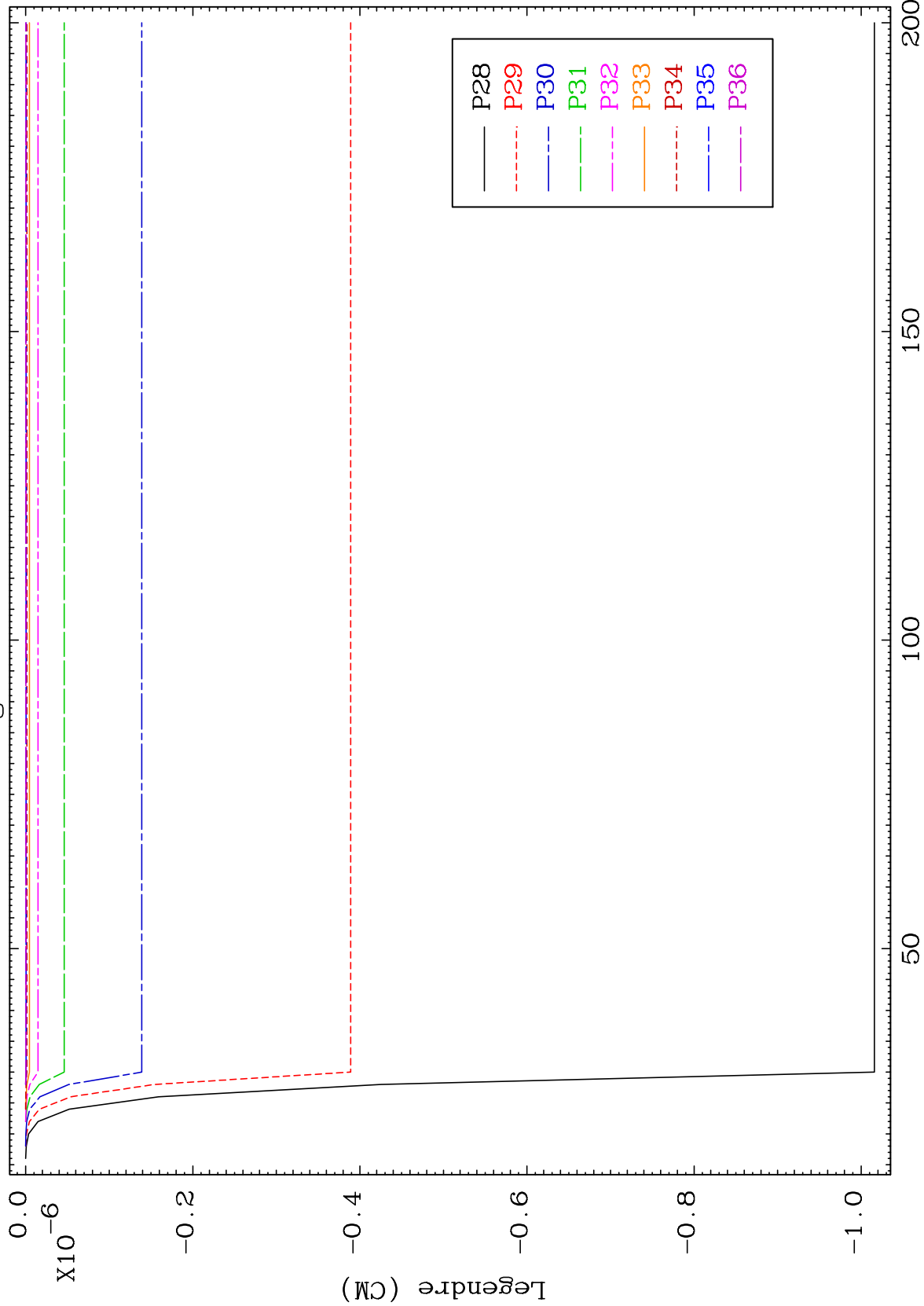
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MAT 5683

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

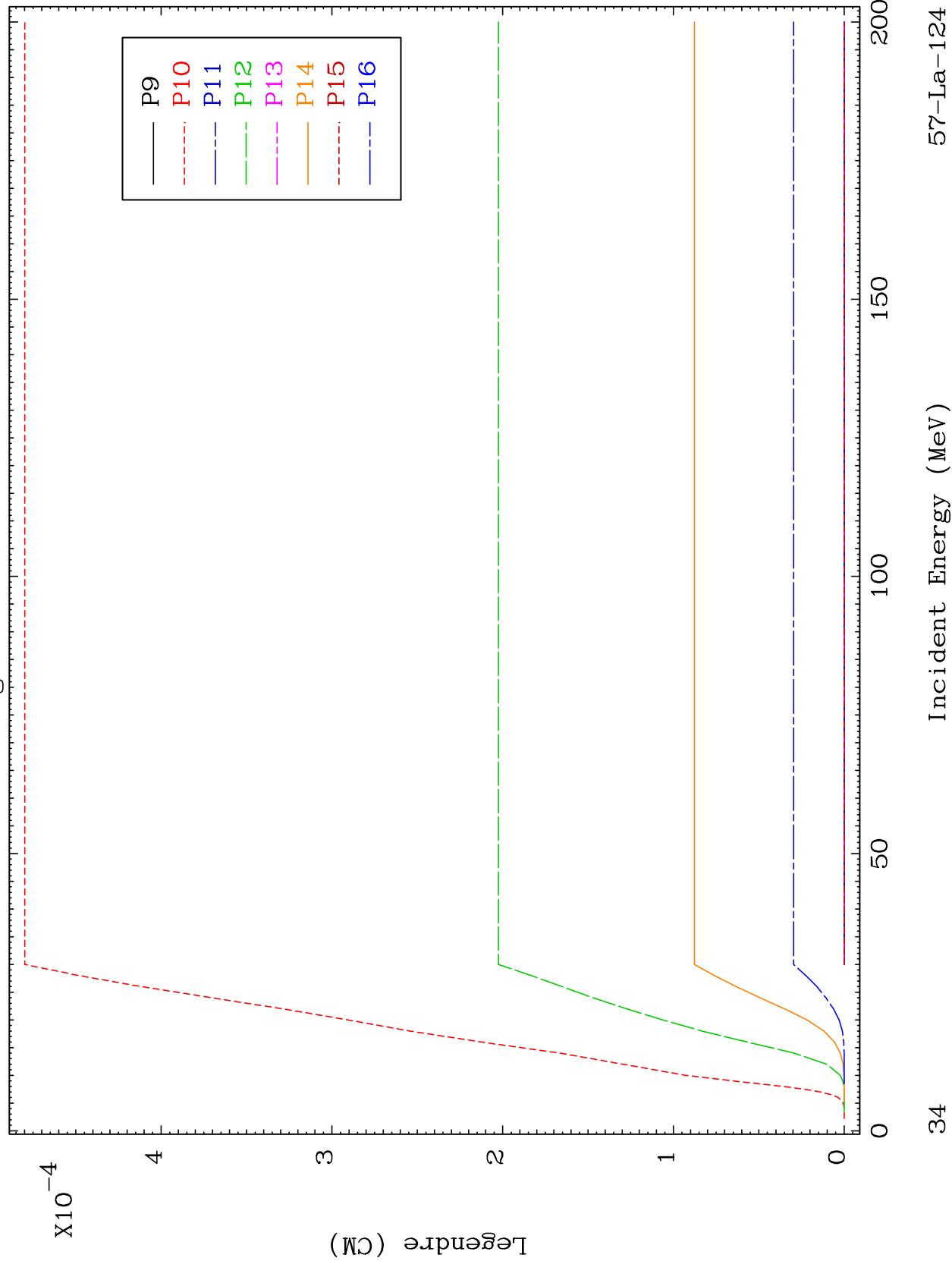
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MAT 5683

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

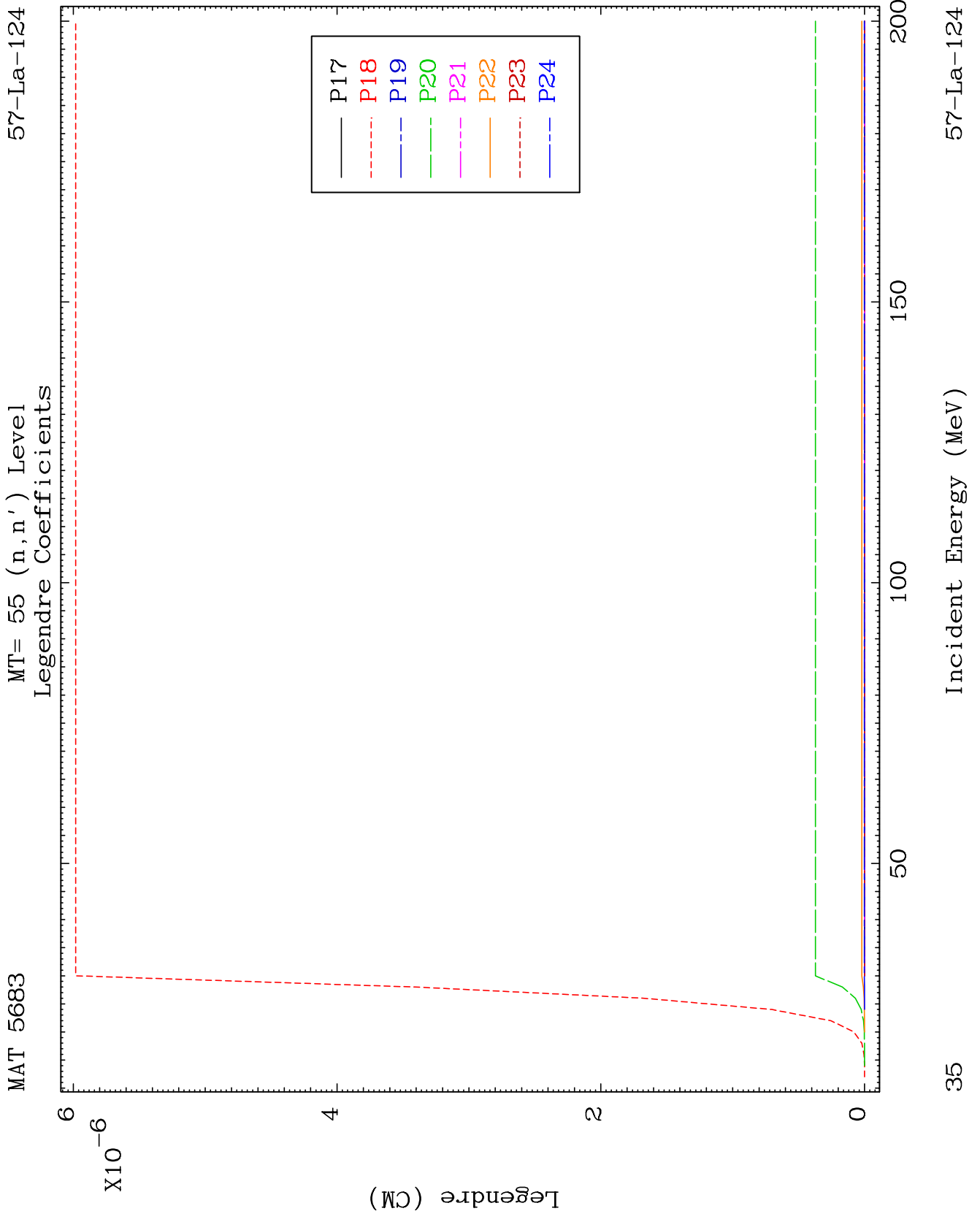
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34

Incident Energy (MeV)

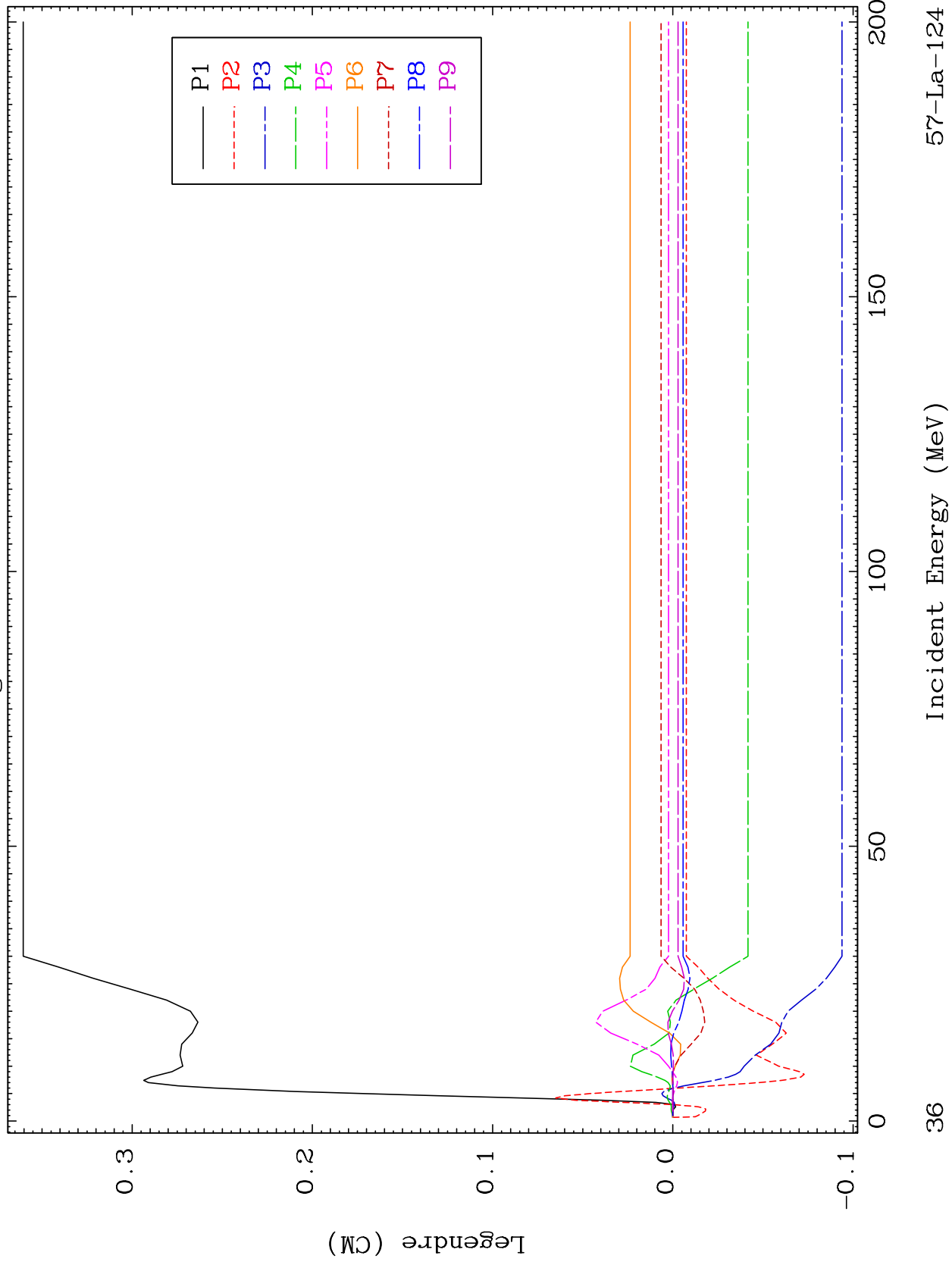
57-La-124



MAT 5683

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

57-La-124



57-La-124

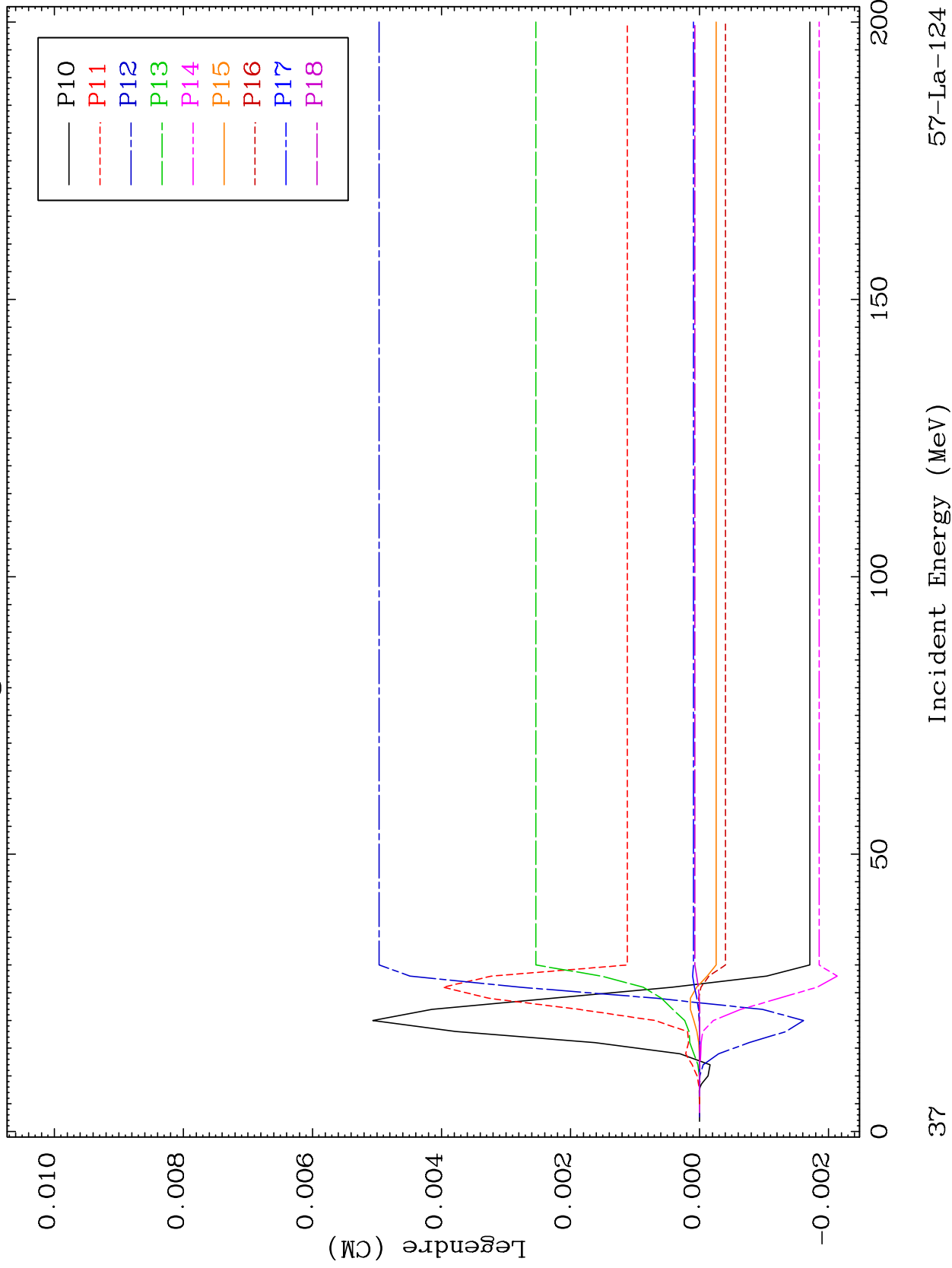
Incident Energy (MeV)

36

MAT 5683

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

57-La-124



57-La-124

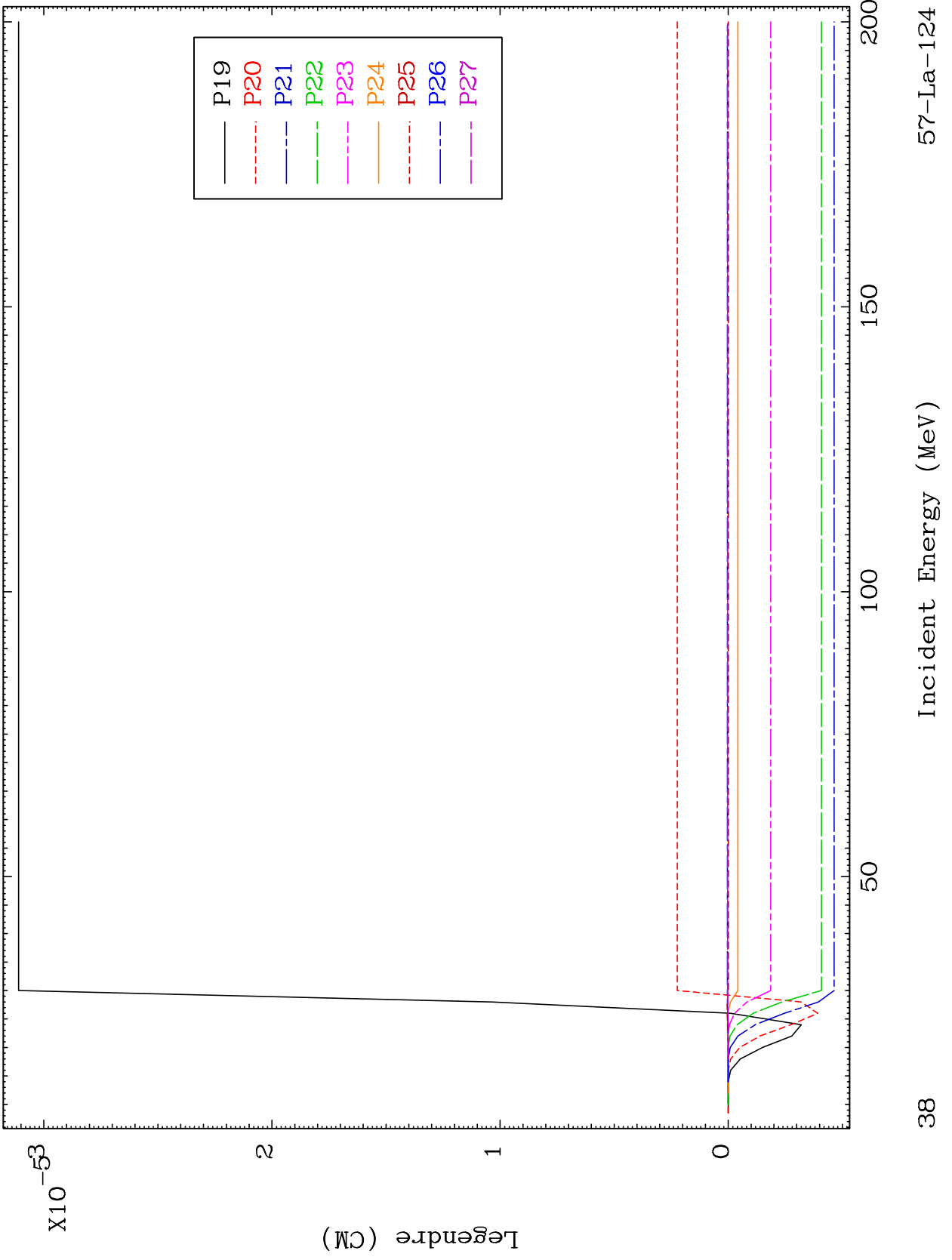
Incident Energy (MeV)

37

MAT 5683

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

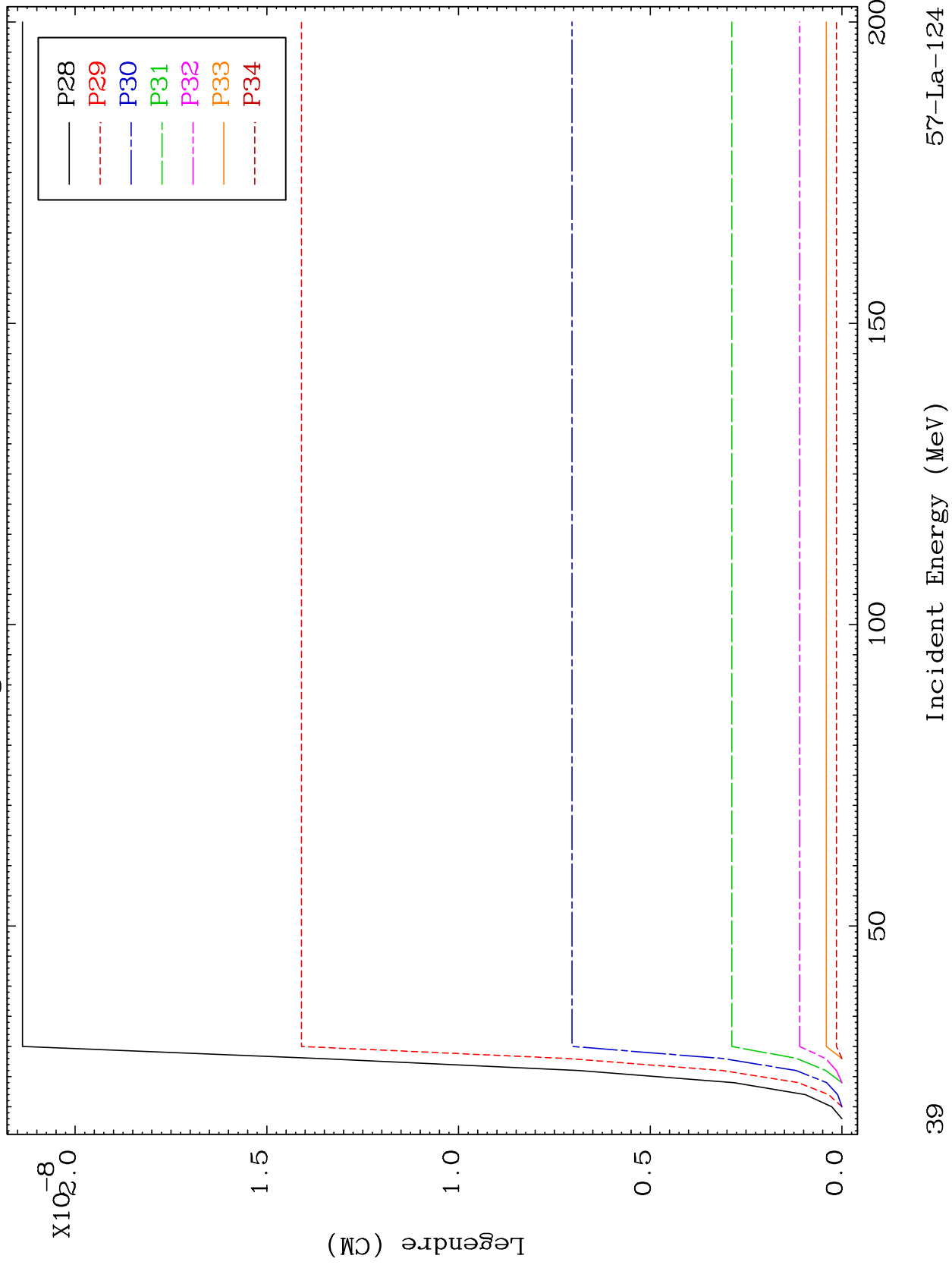
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MAT 5683

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

57-La-124



39

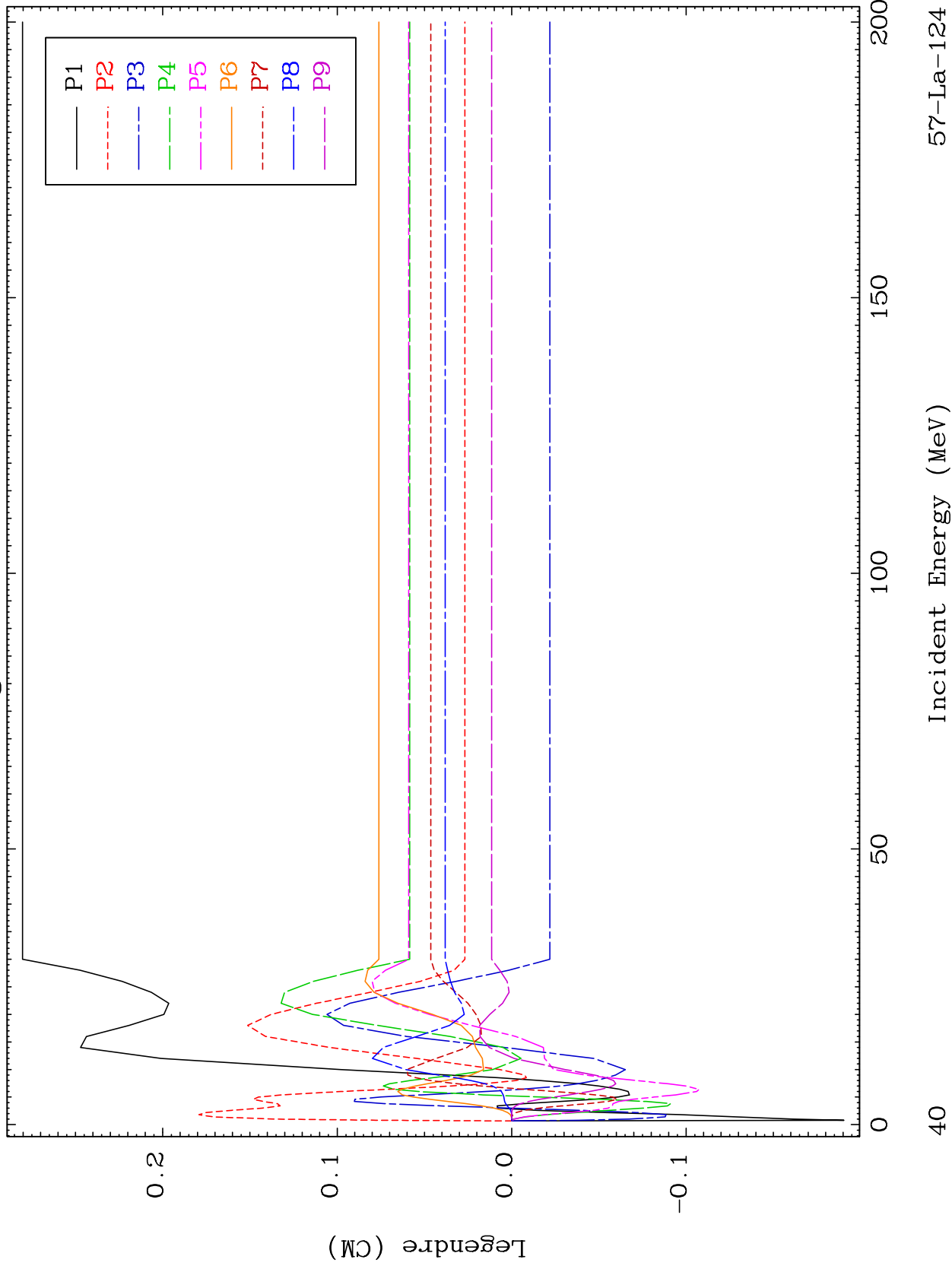
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



57-La-124

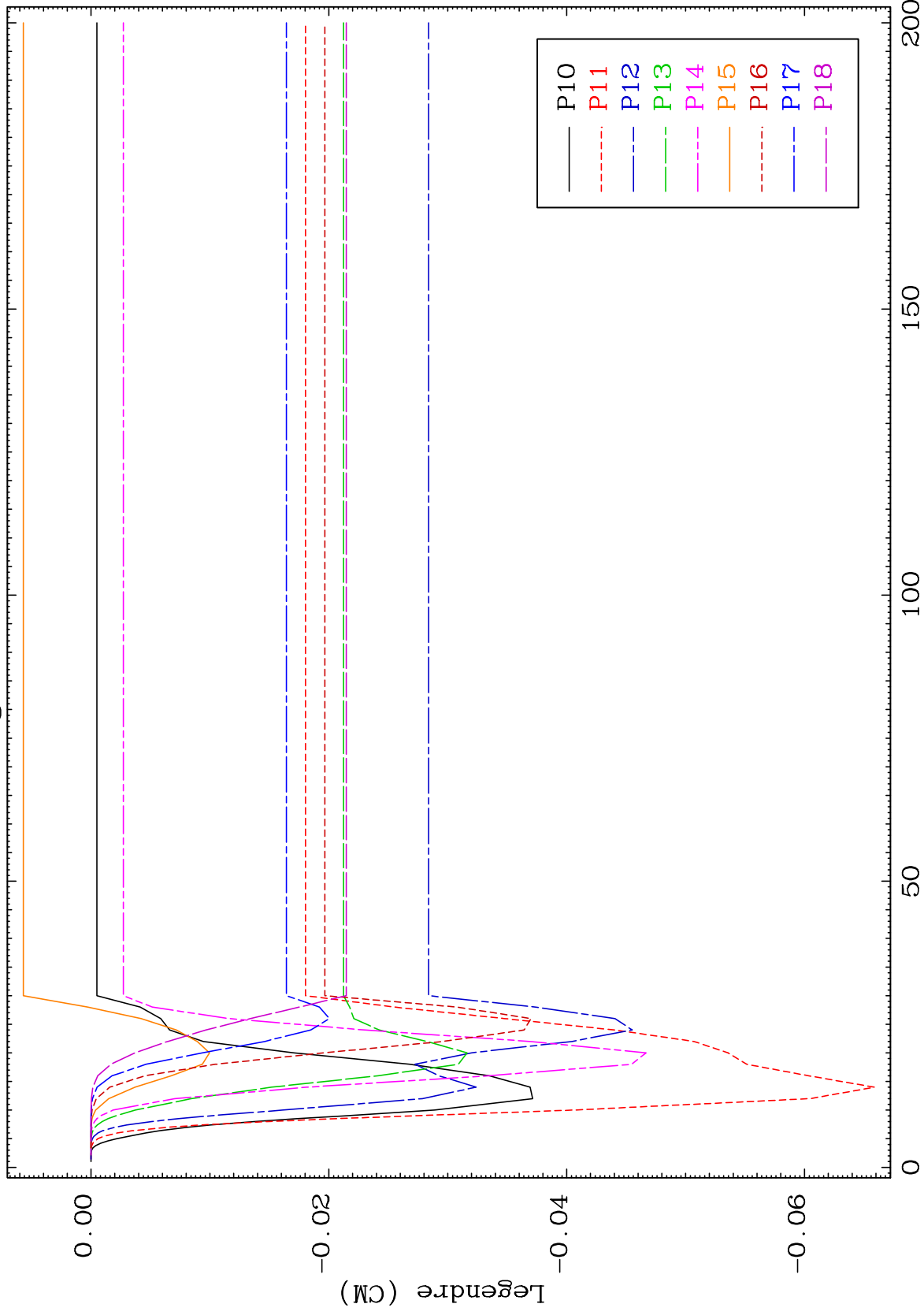
Incident Energy (MeV)

40

MAT 5683

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

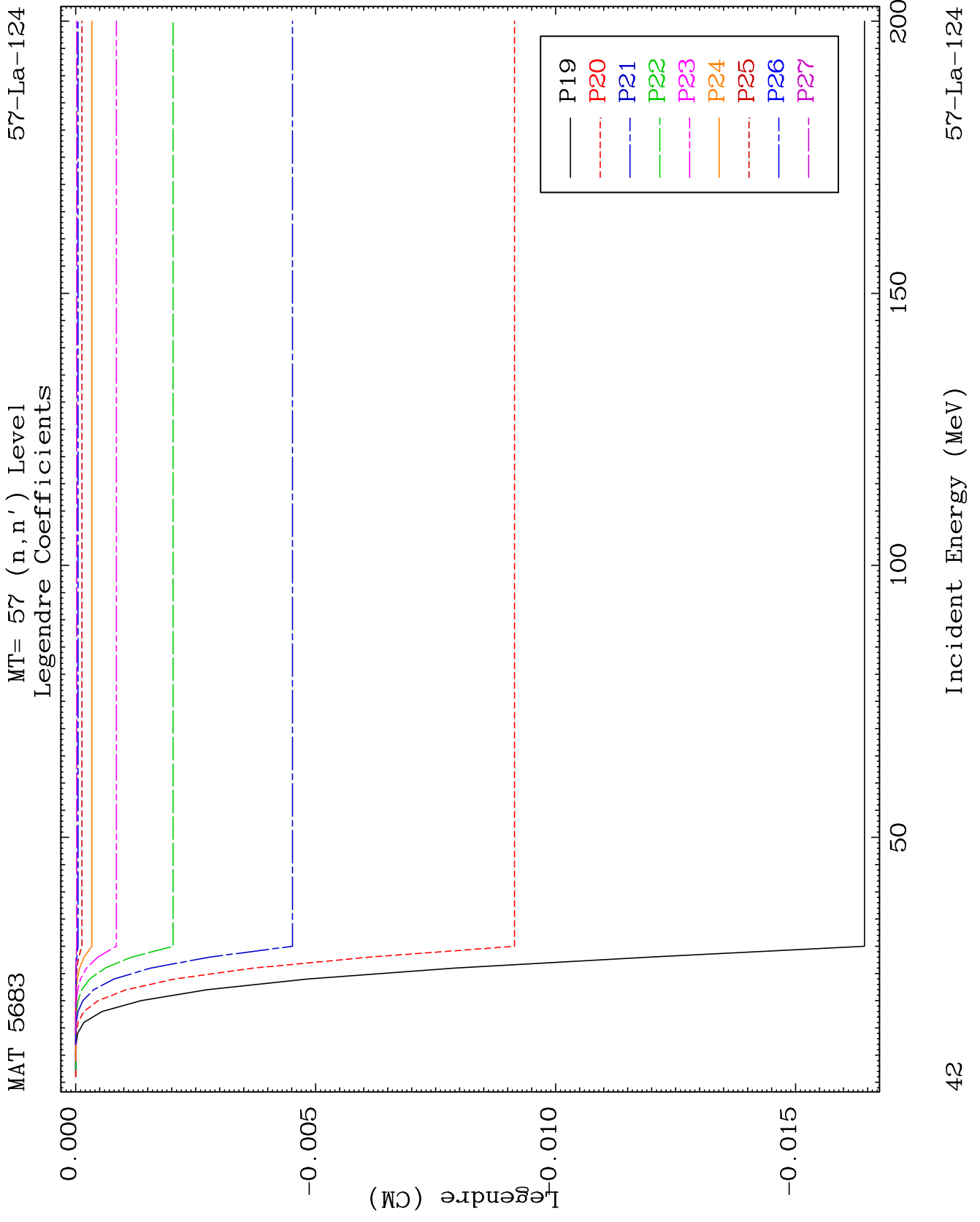
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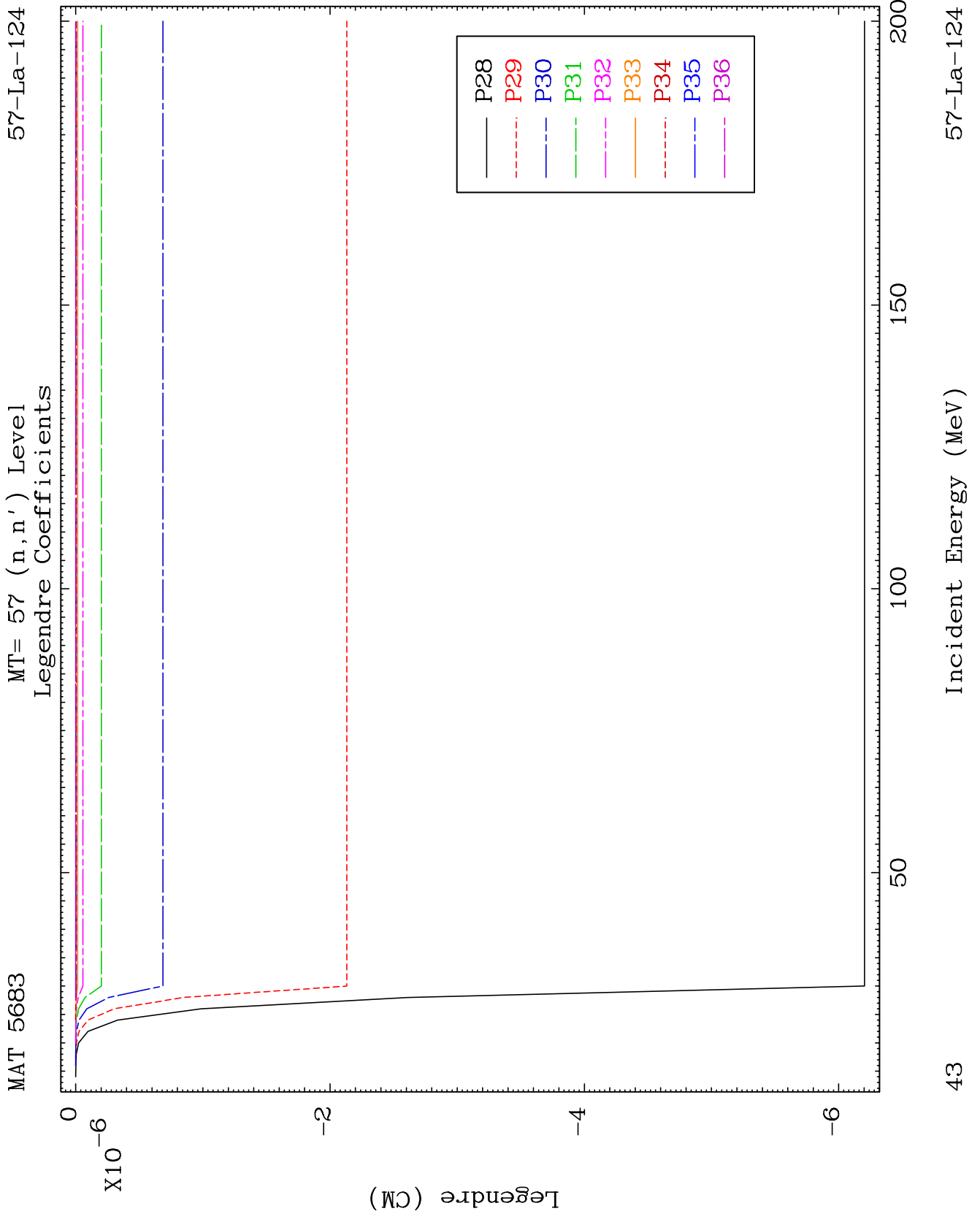


41

Incident Energy (MeV)

57-La-124

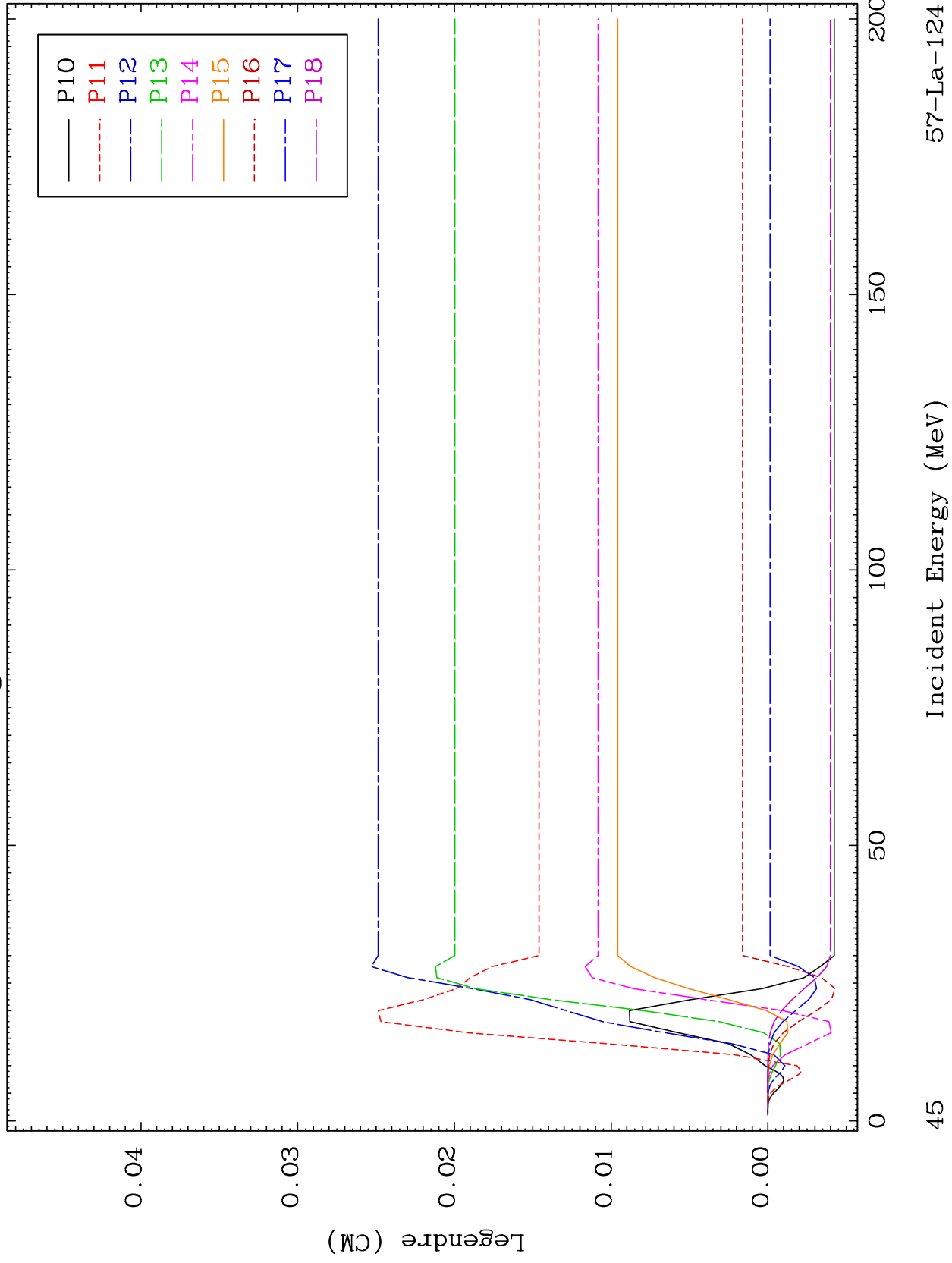




MAT 5683

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

57-La-124



57-La-124

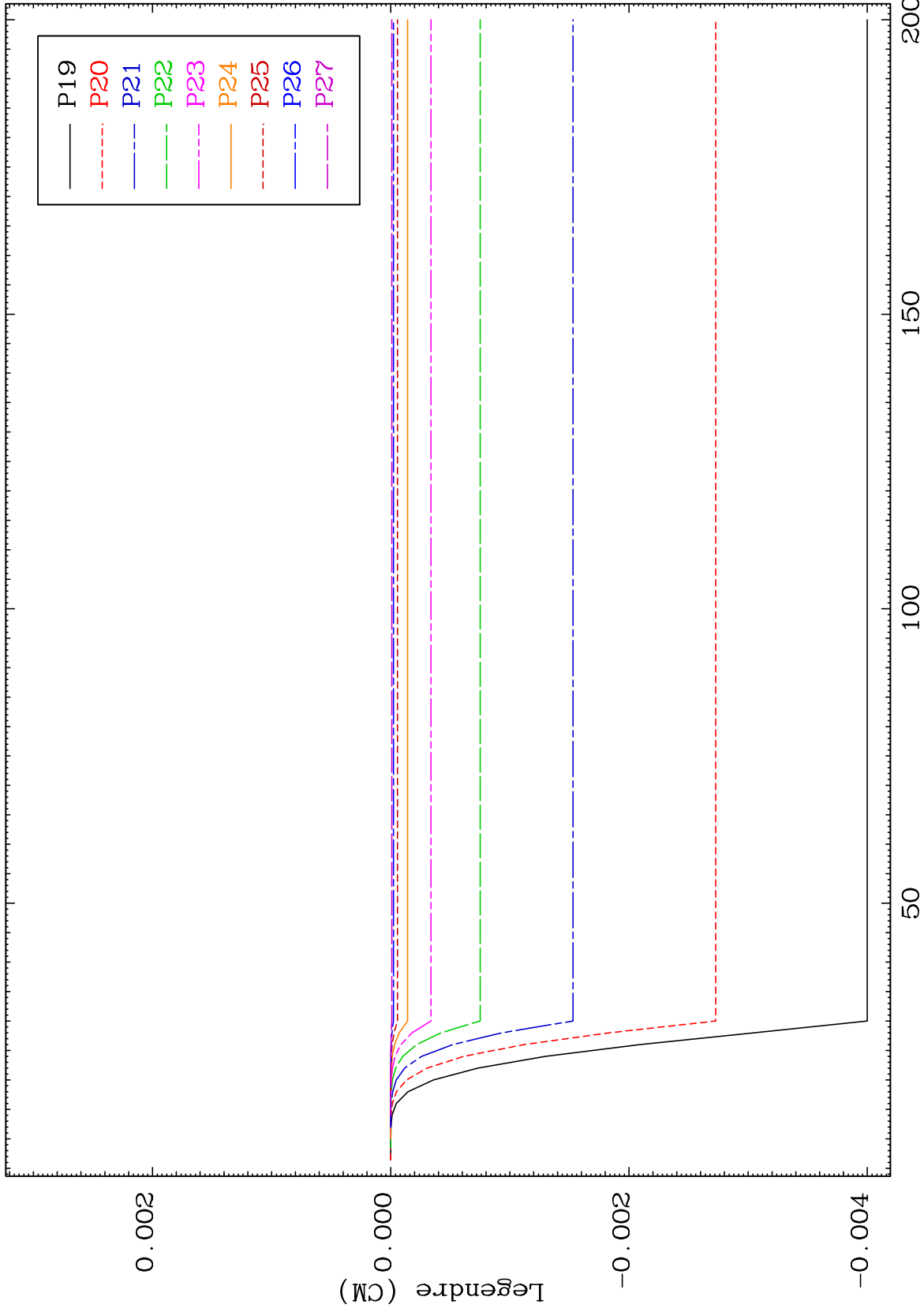
Incident Energy (MeV)

45

MAT 5683

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

57-La-124



46

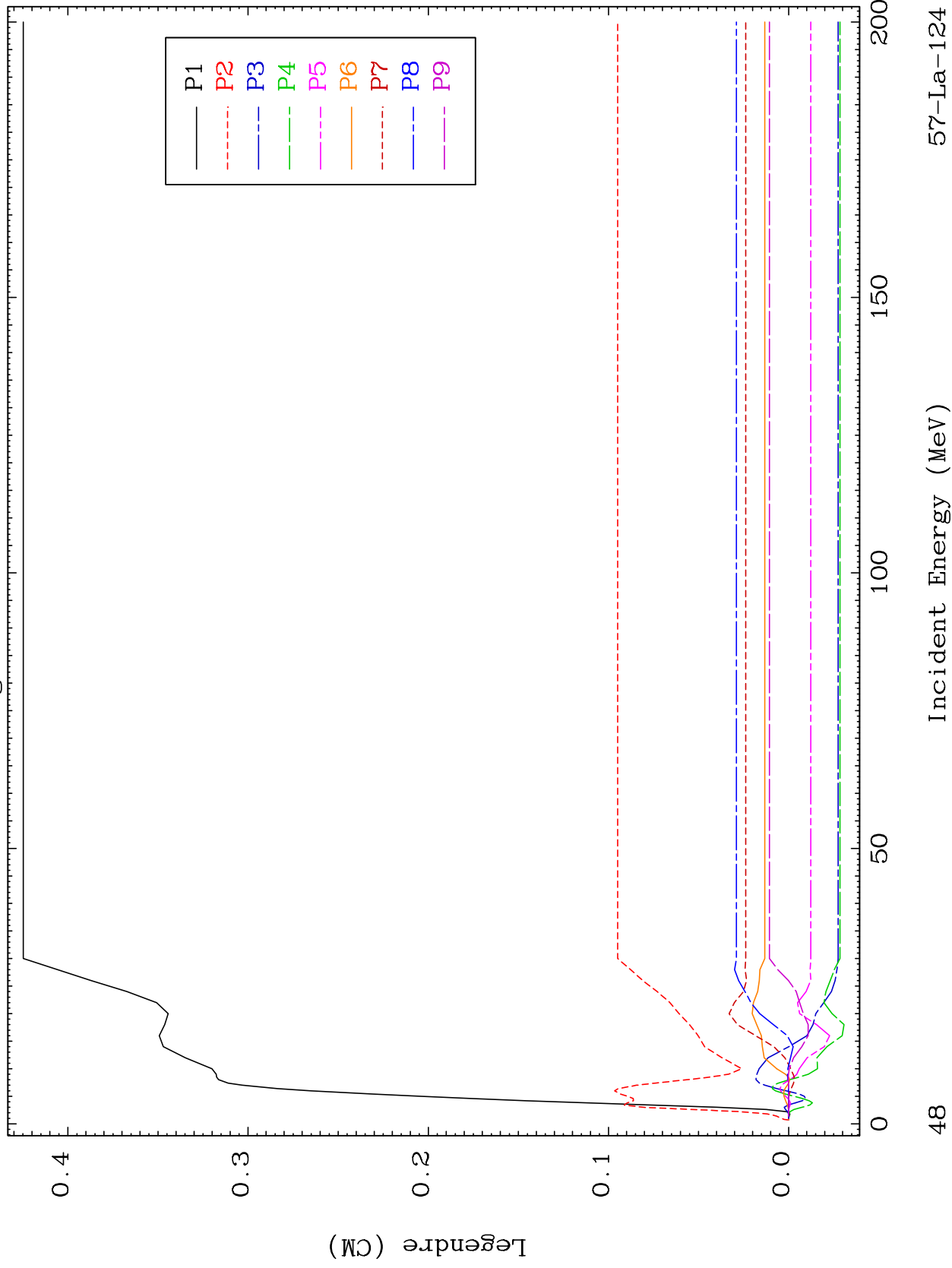
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



57-La-124

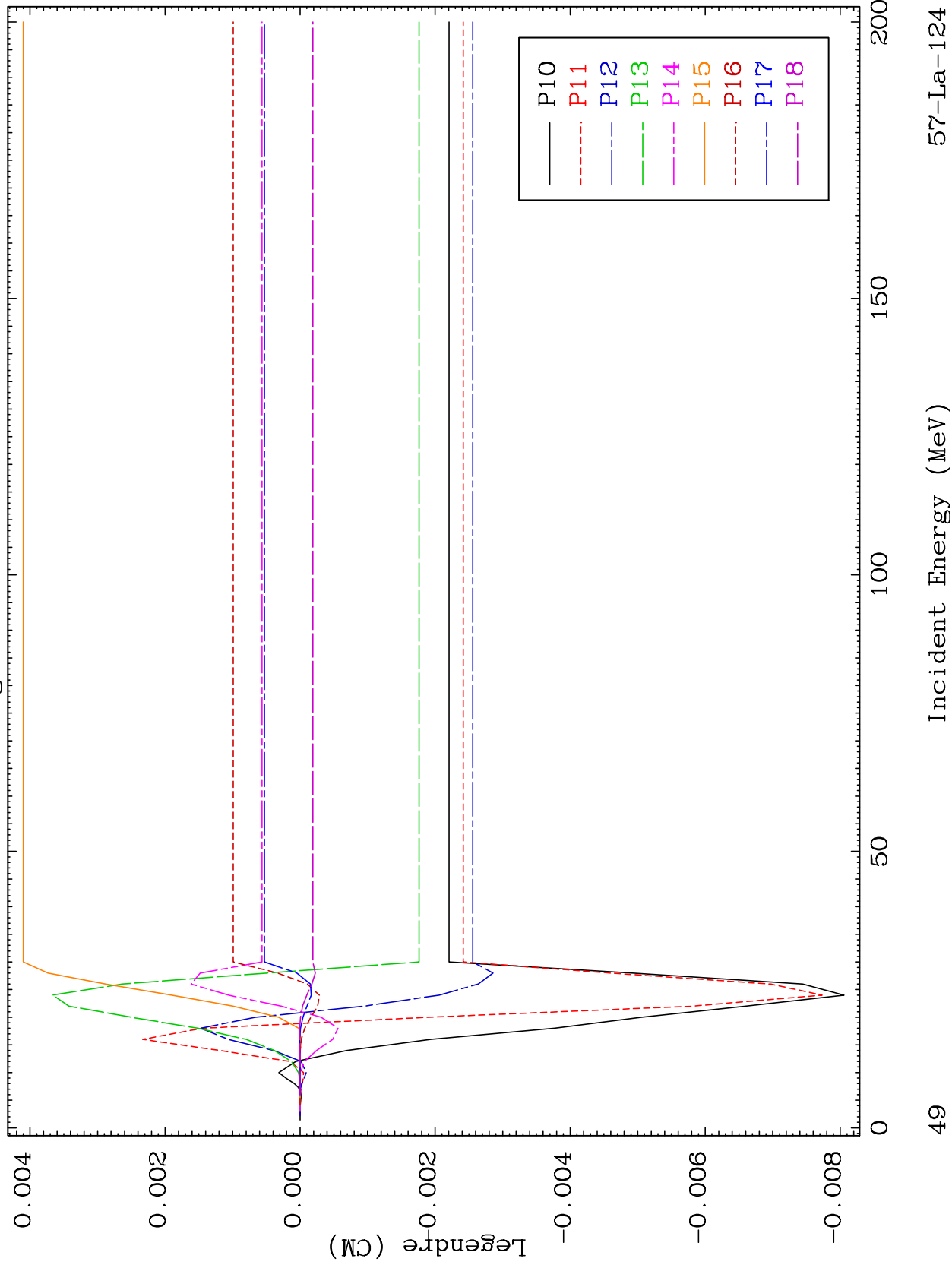
Incident Energy (MeV)

48

MAT 5683

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

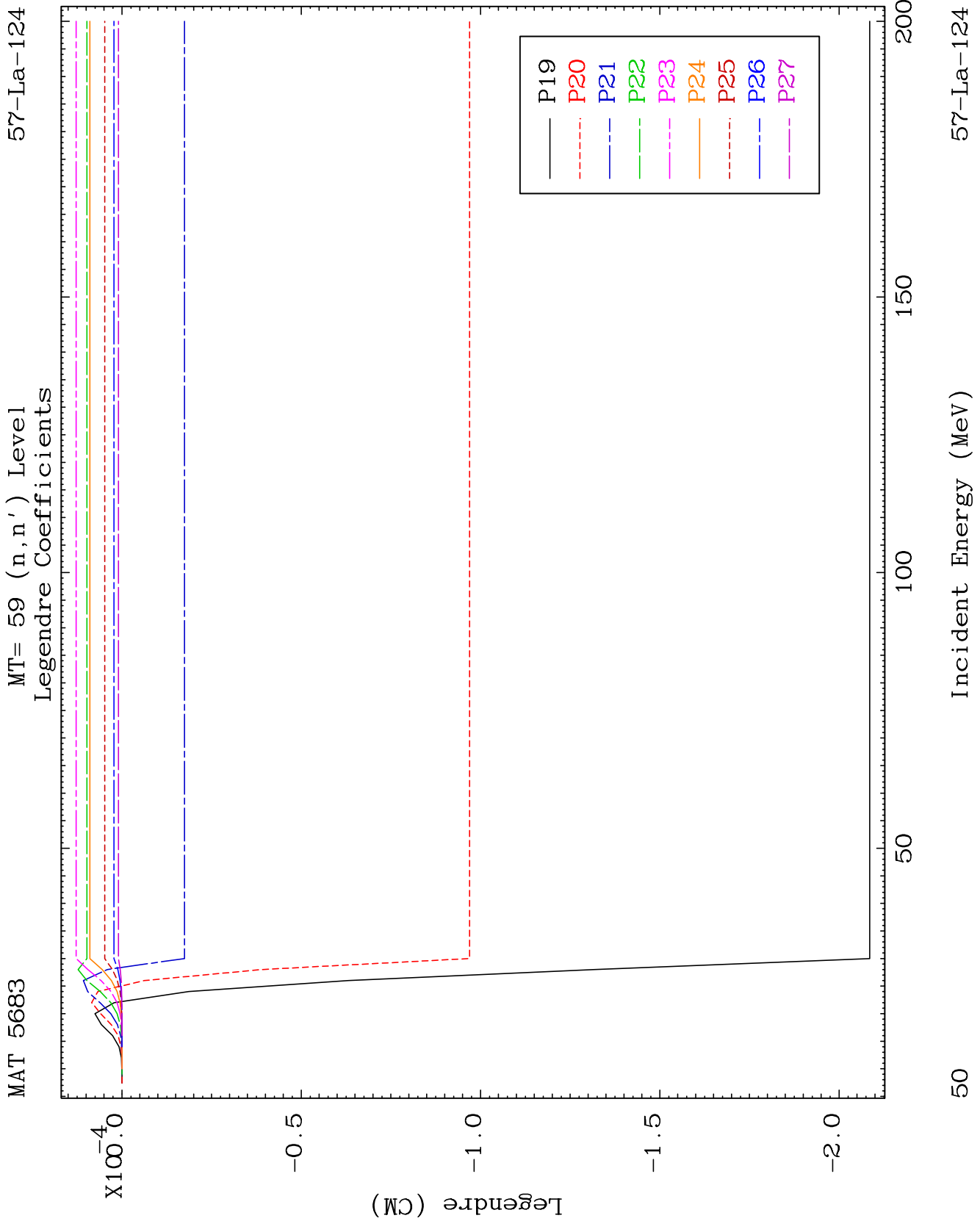
57-La-124



49

Incident Energy (MeV)

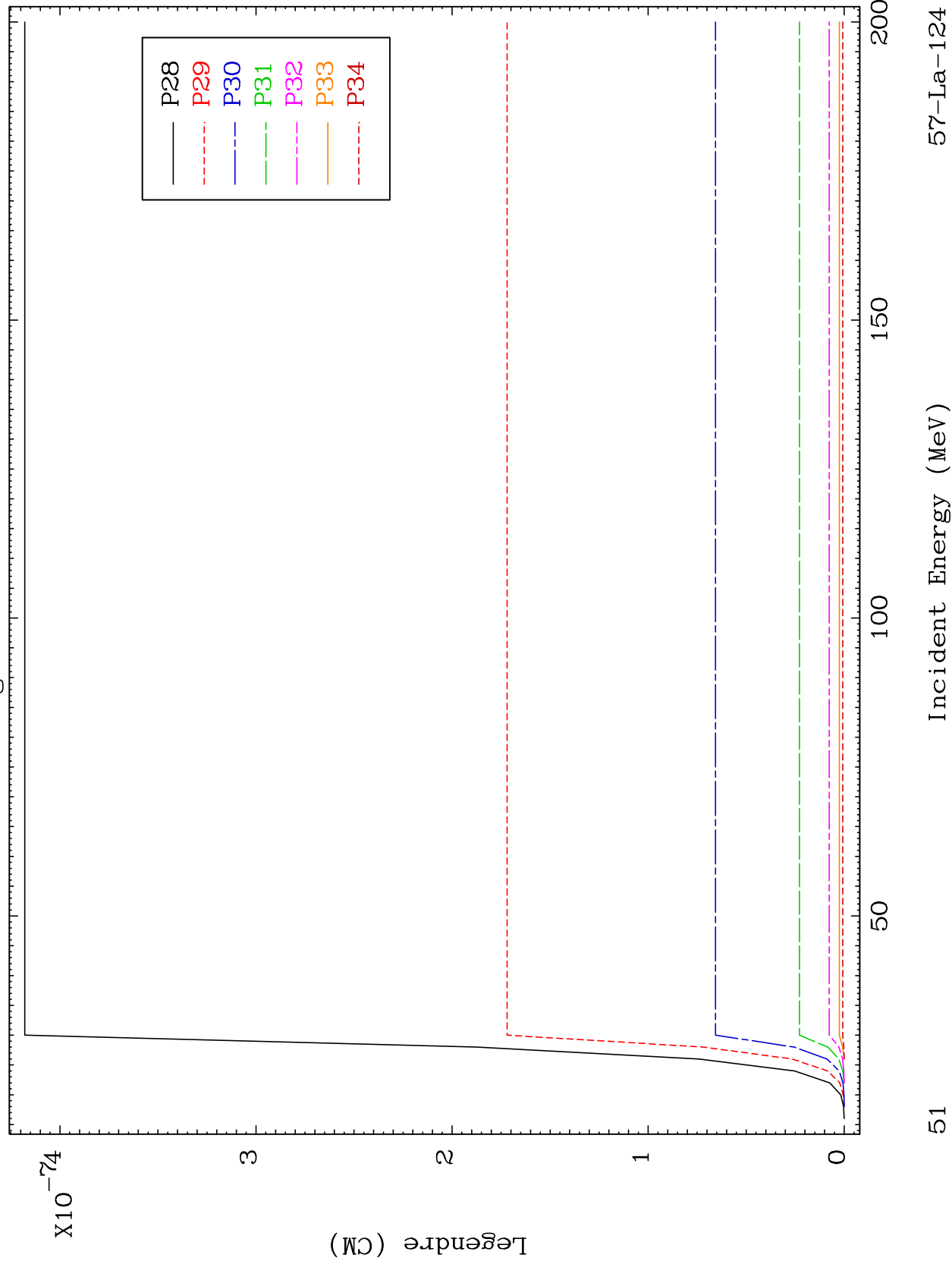
57-La-124



MAT 5683

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

57-La-124



51

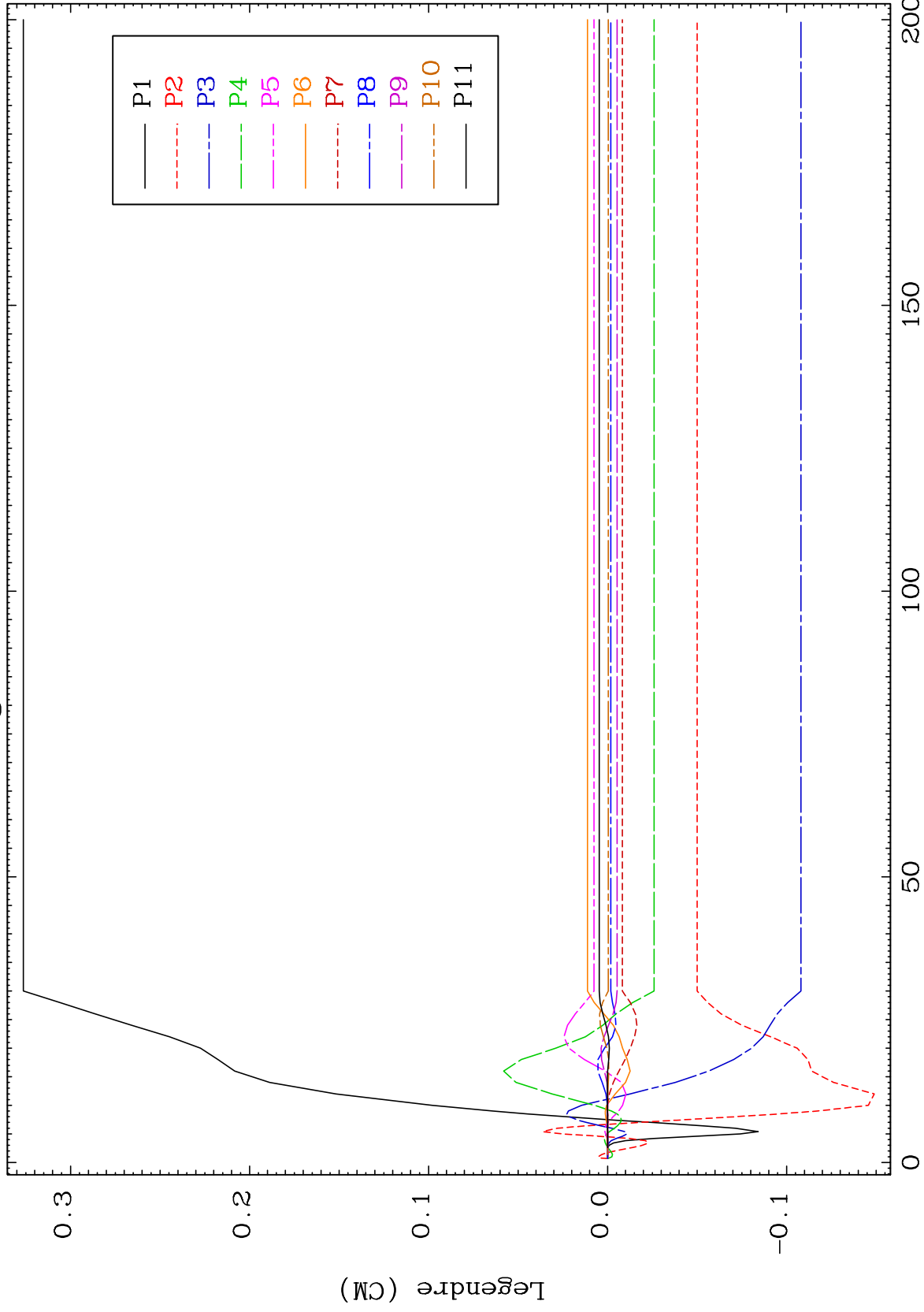
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



52

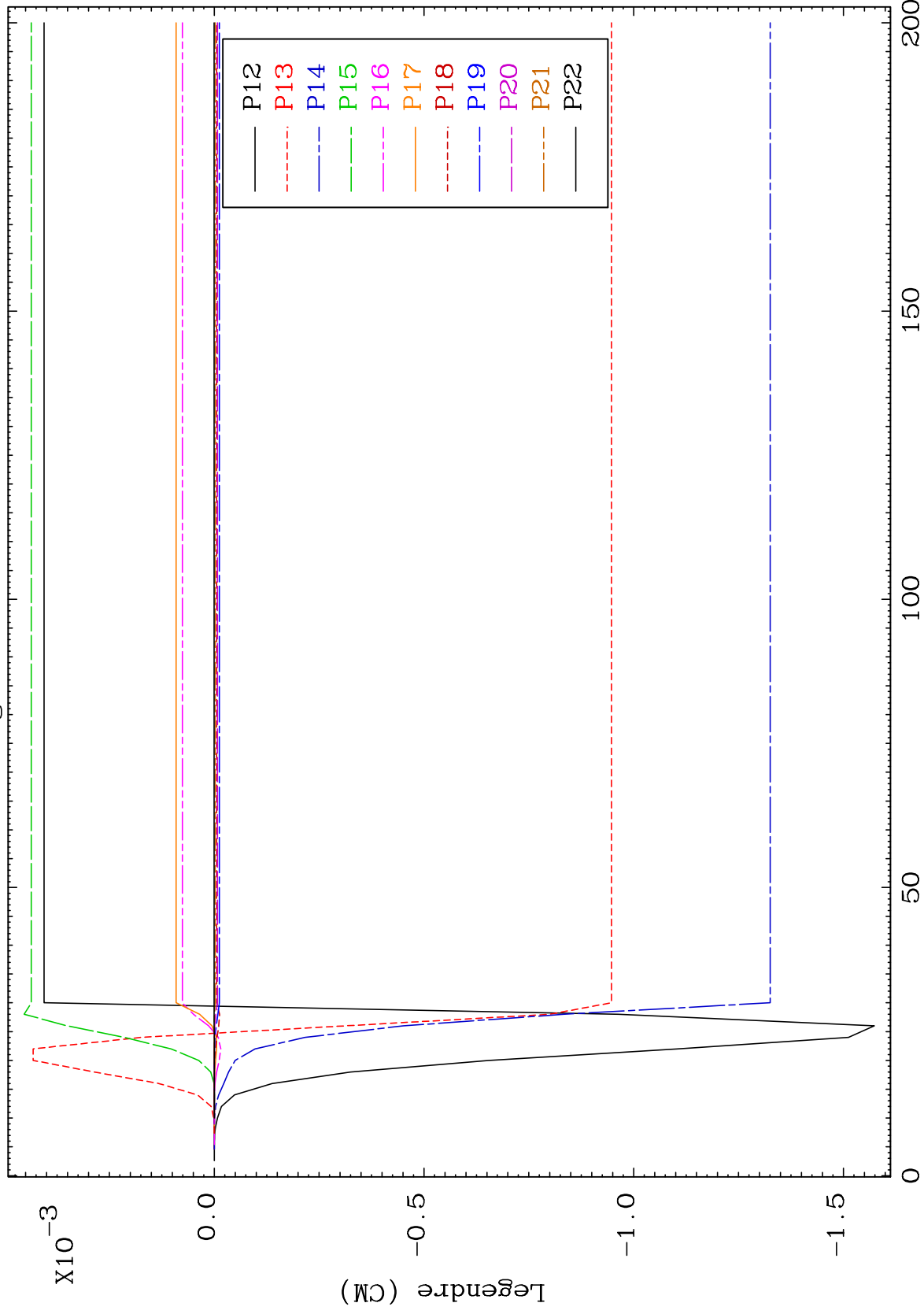
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



53

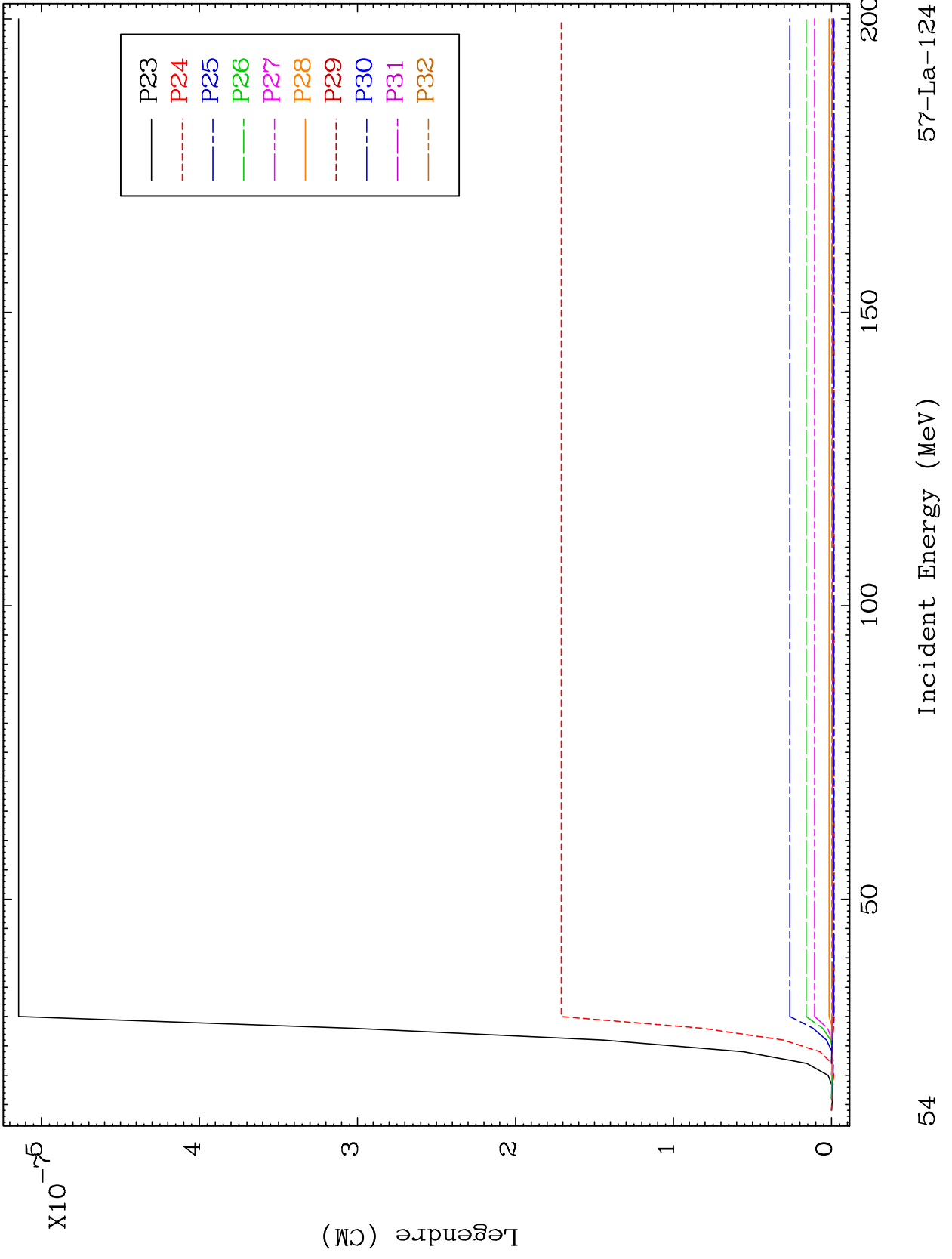
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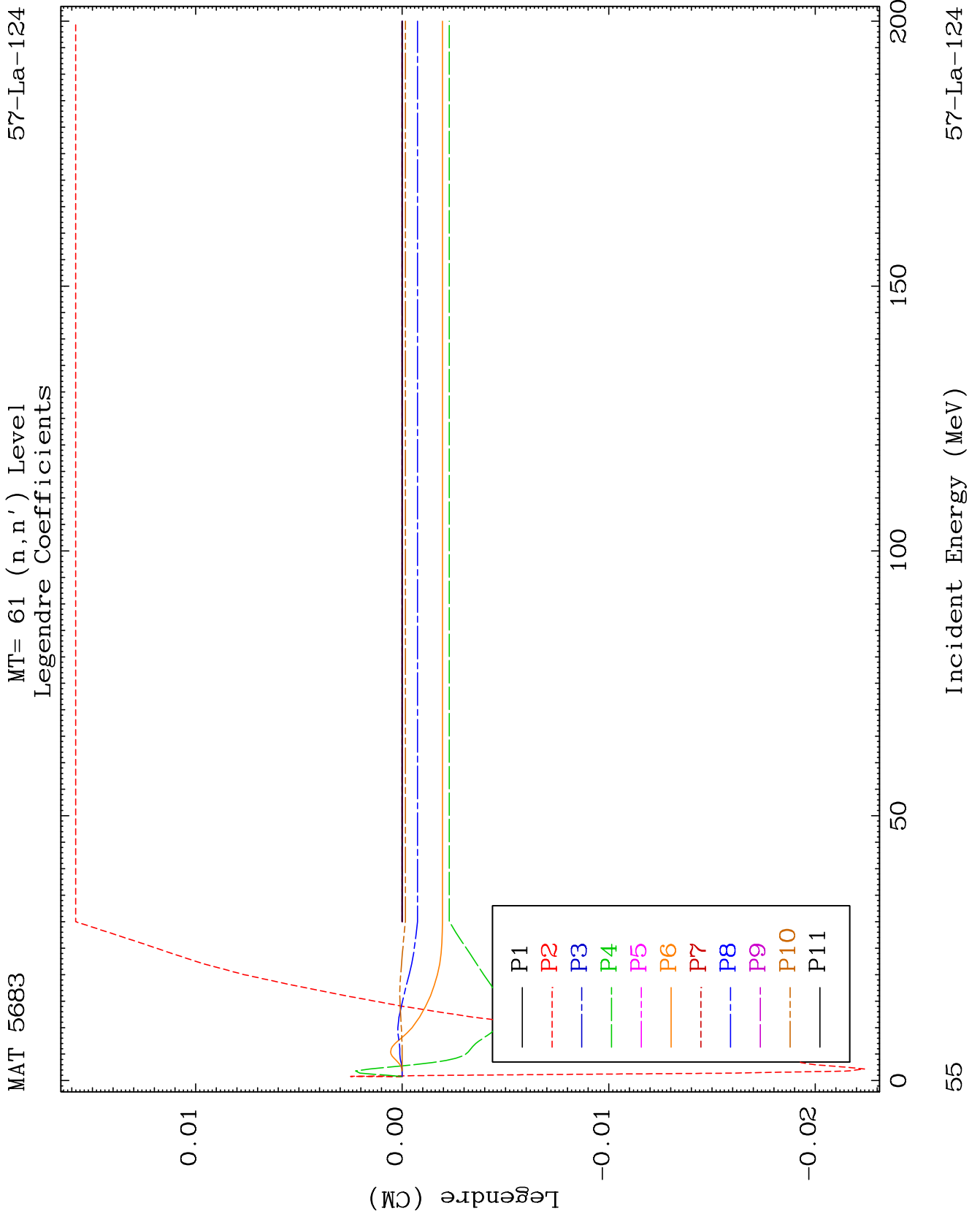
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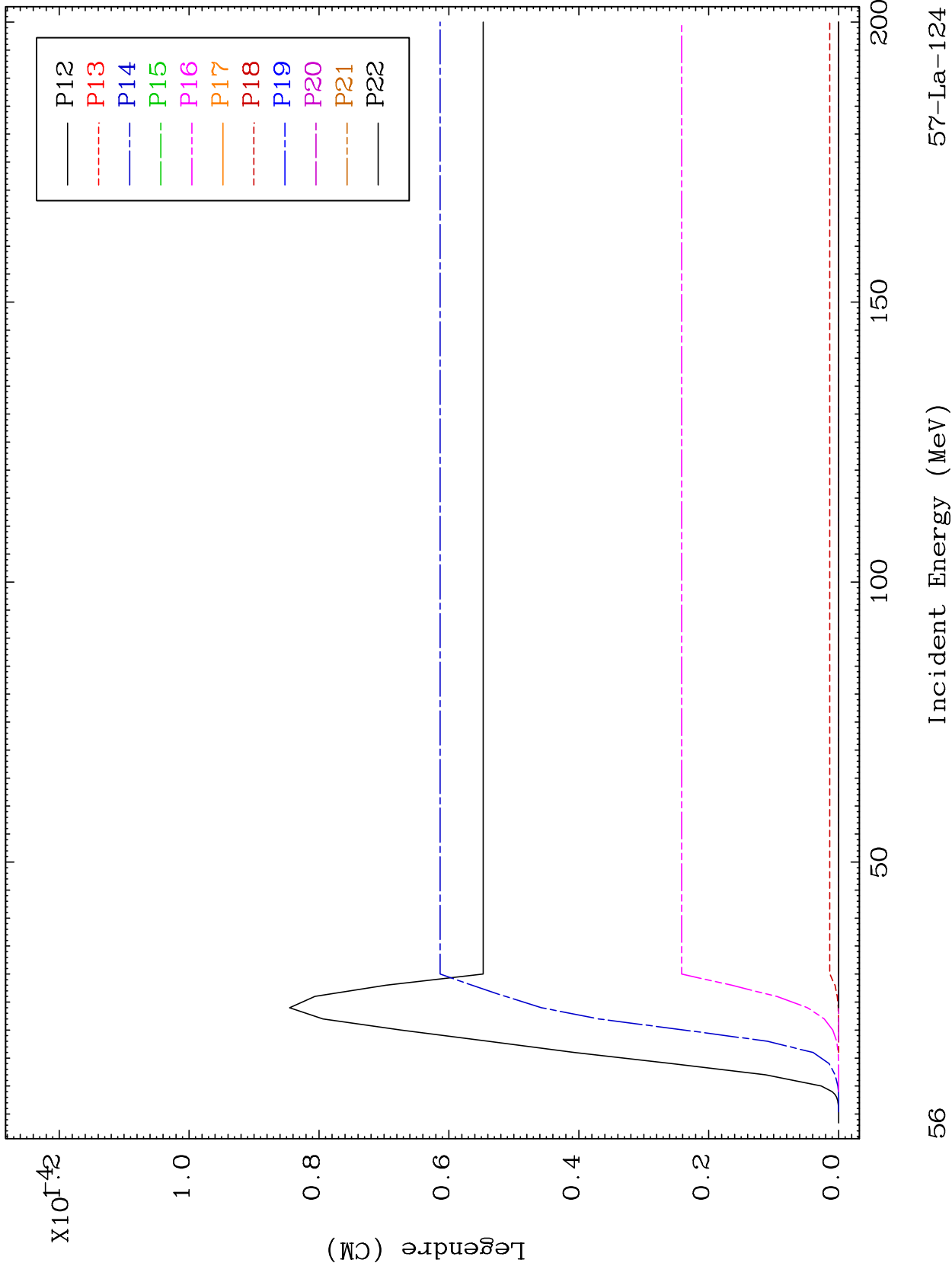
MAT 5683

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

57-La-124



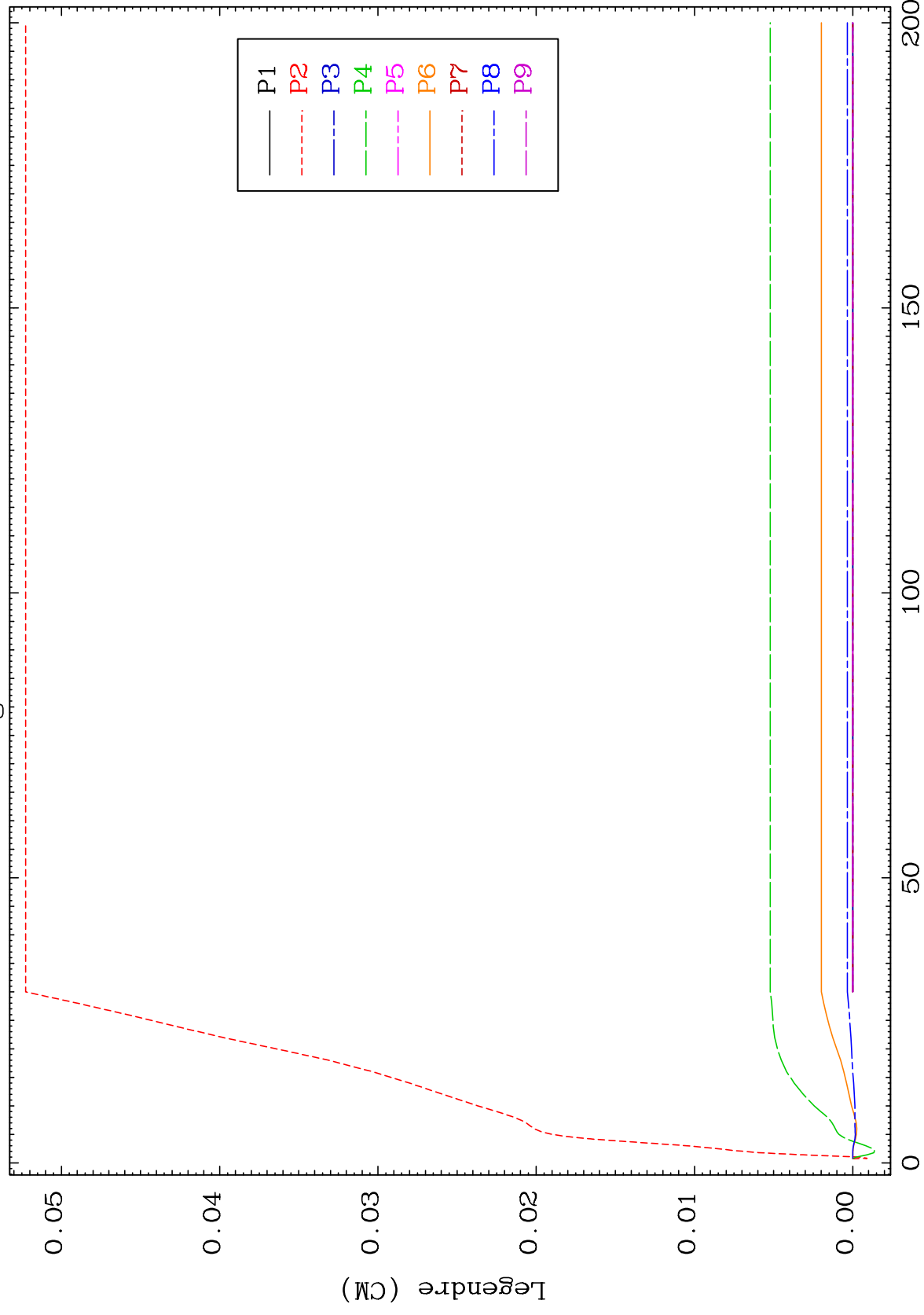




MAT 5683

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

57-La-124



57-La-124

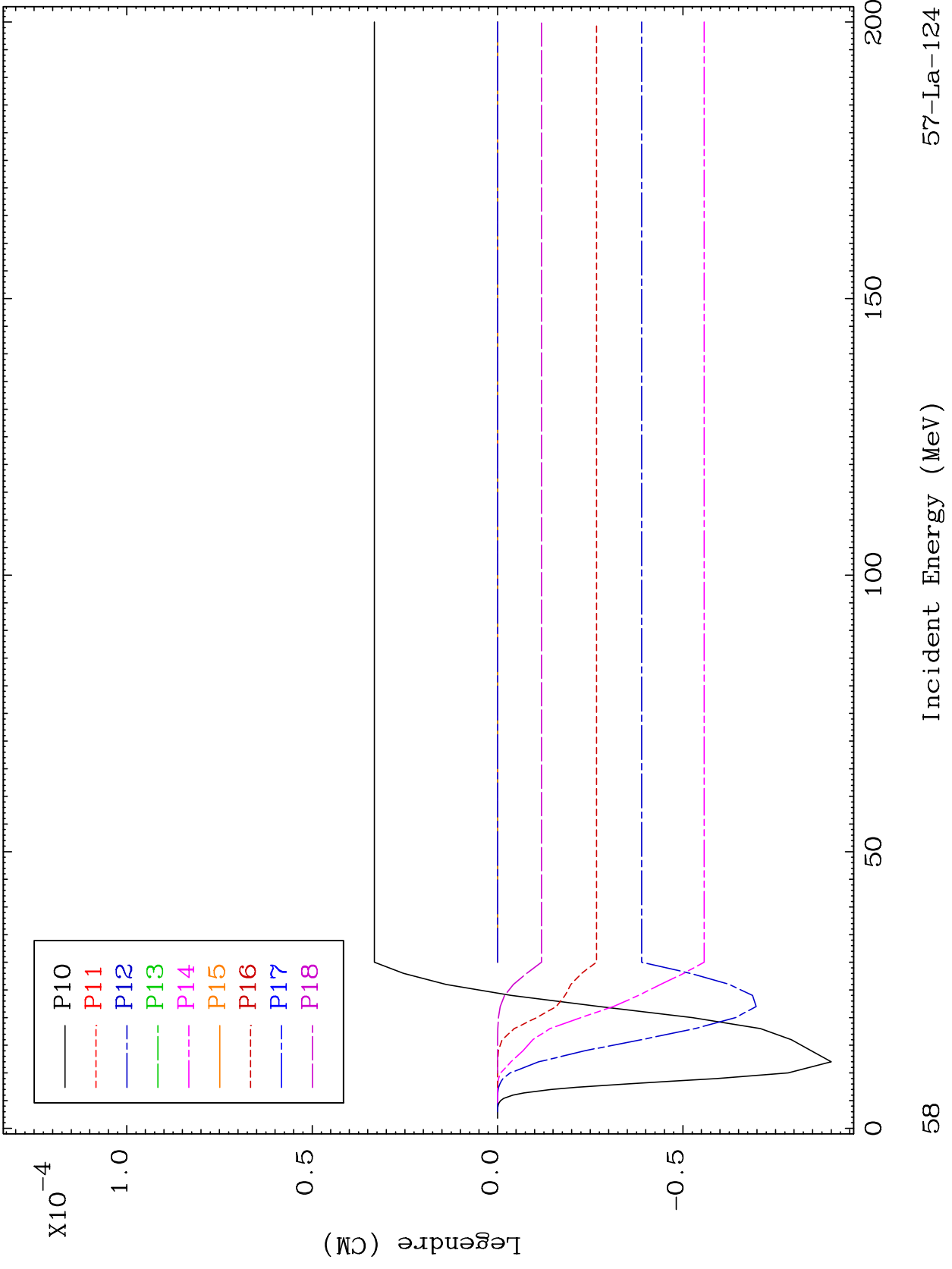
Incident Energy (MeV)

57

MAT 5683

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

57-La-124



57-La-124

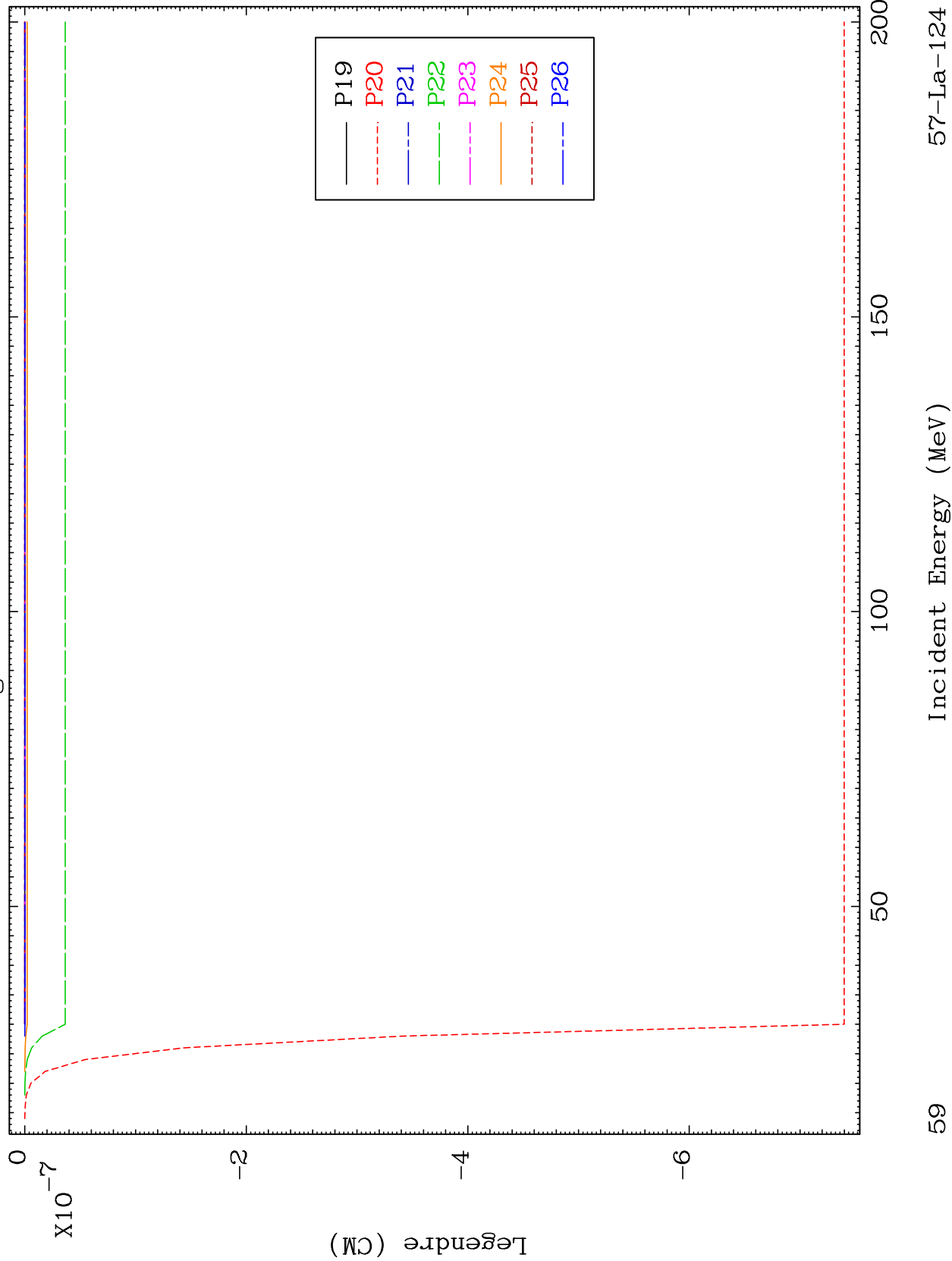
Incident Energy (MeV)

58

MAT 5683

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

57-La-124



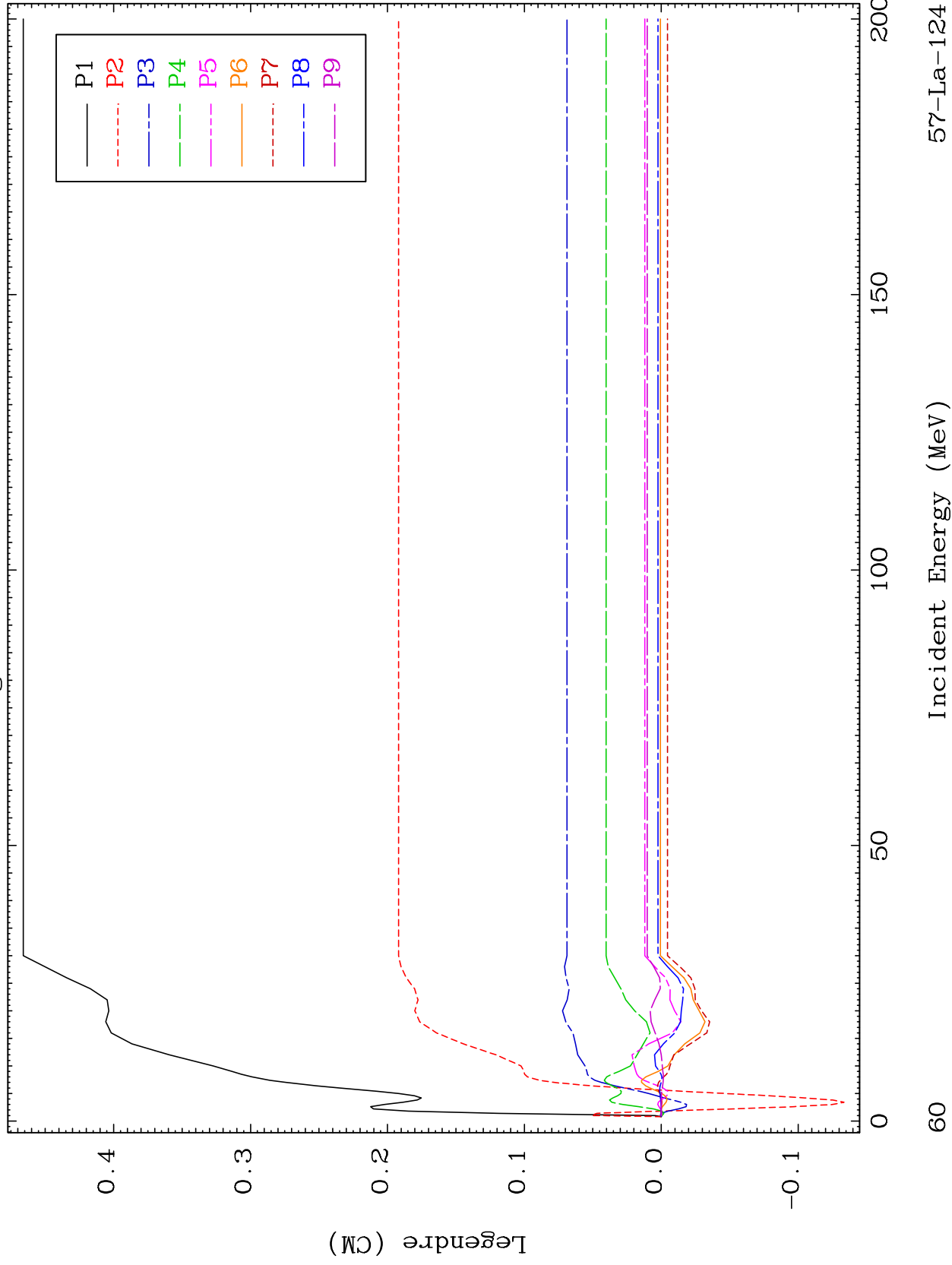
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57-La-124

MAT 5683

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

57-La-124

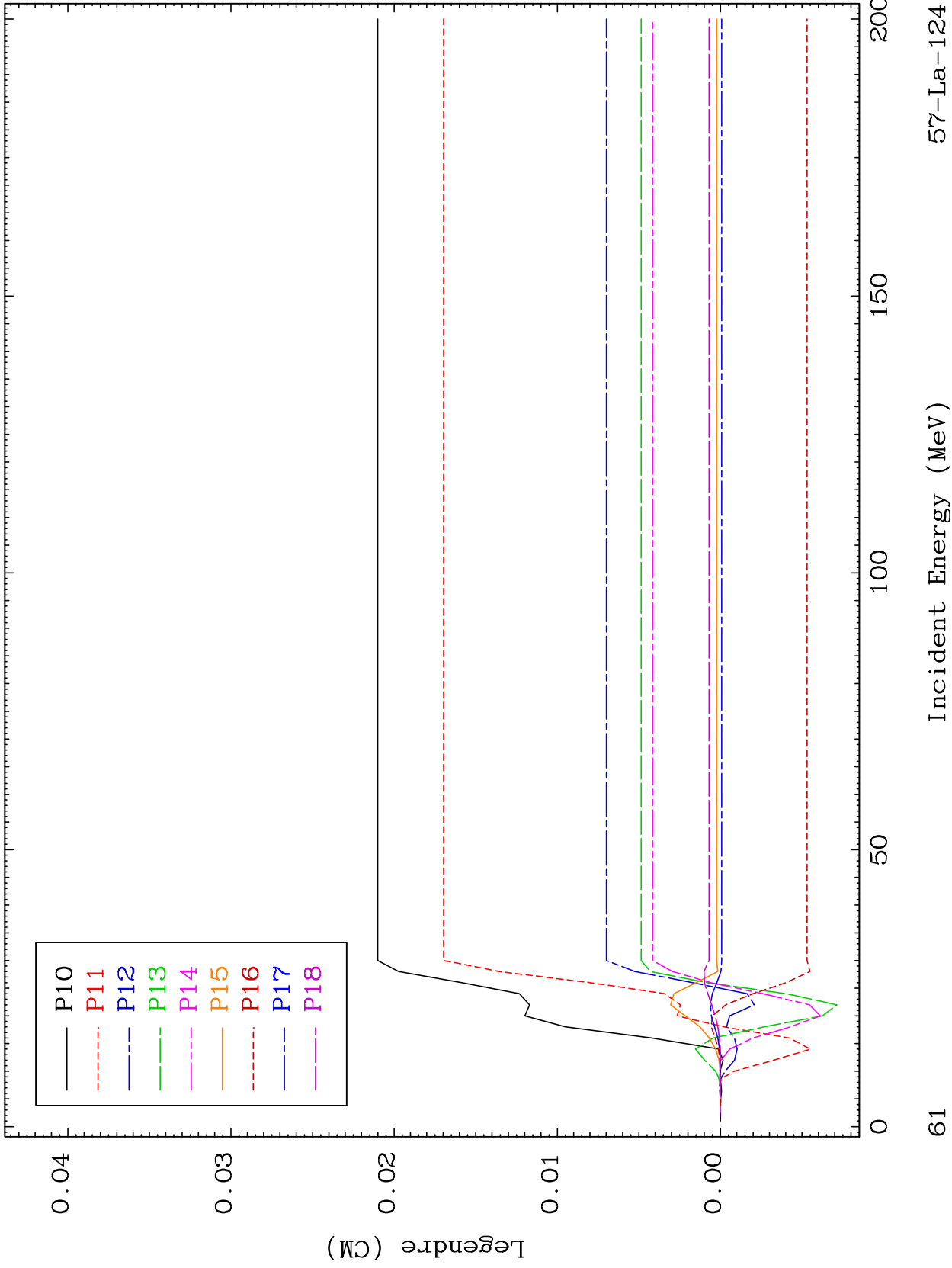


57-La-124

MAT 5683

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

57-La-124



61

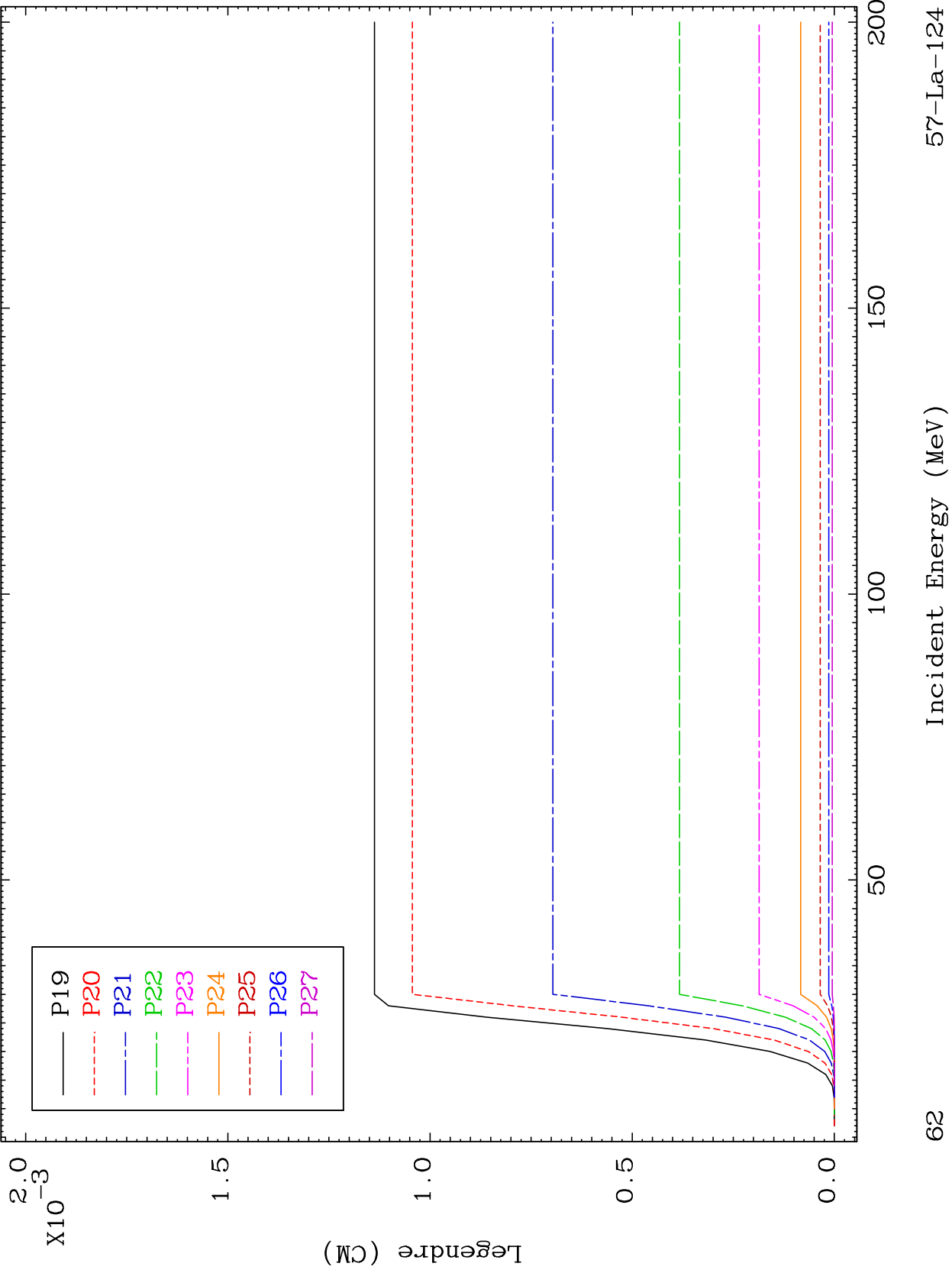
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



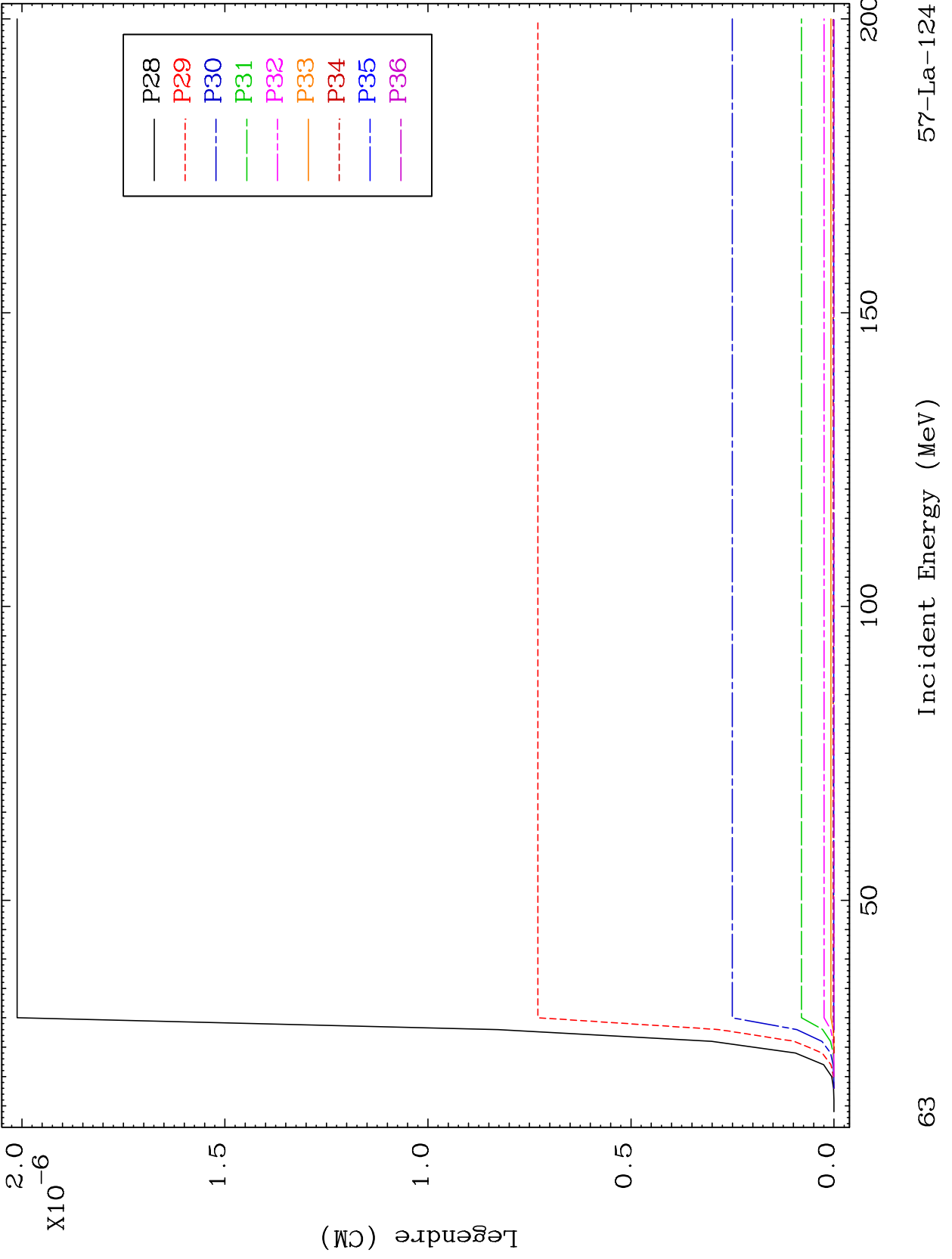
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57-La-124

MAT 5683

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

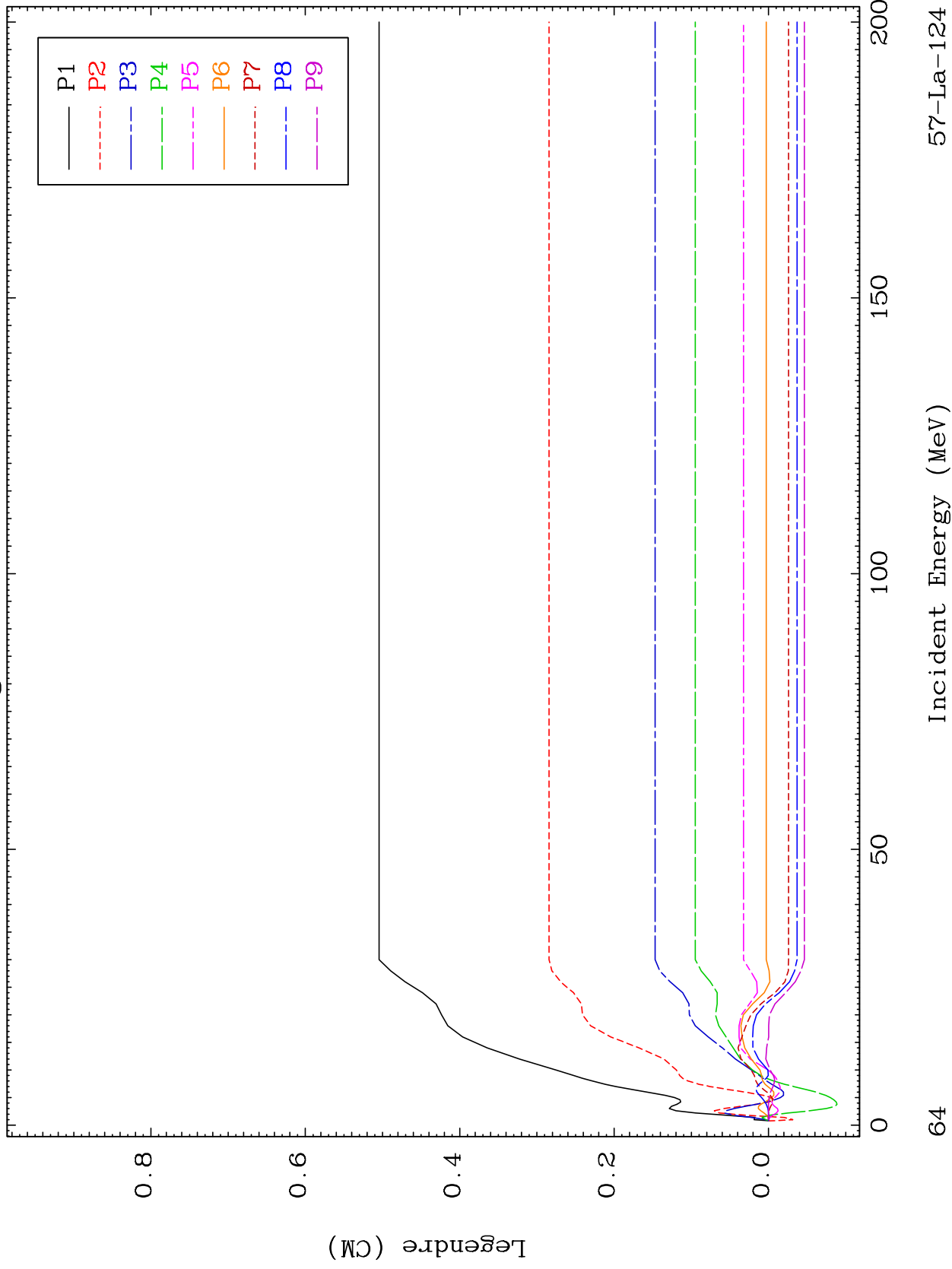
57-La-124



MAT 5683

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

57-La-124



57-La-124

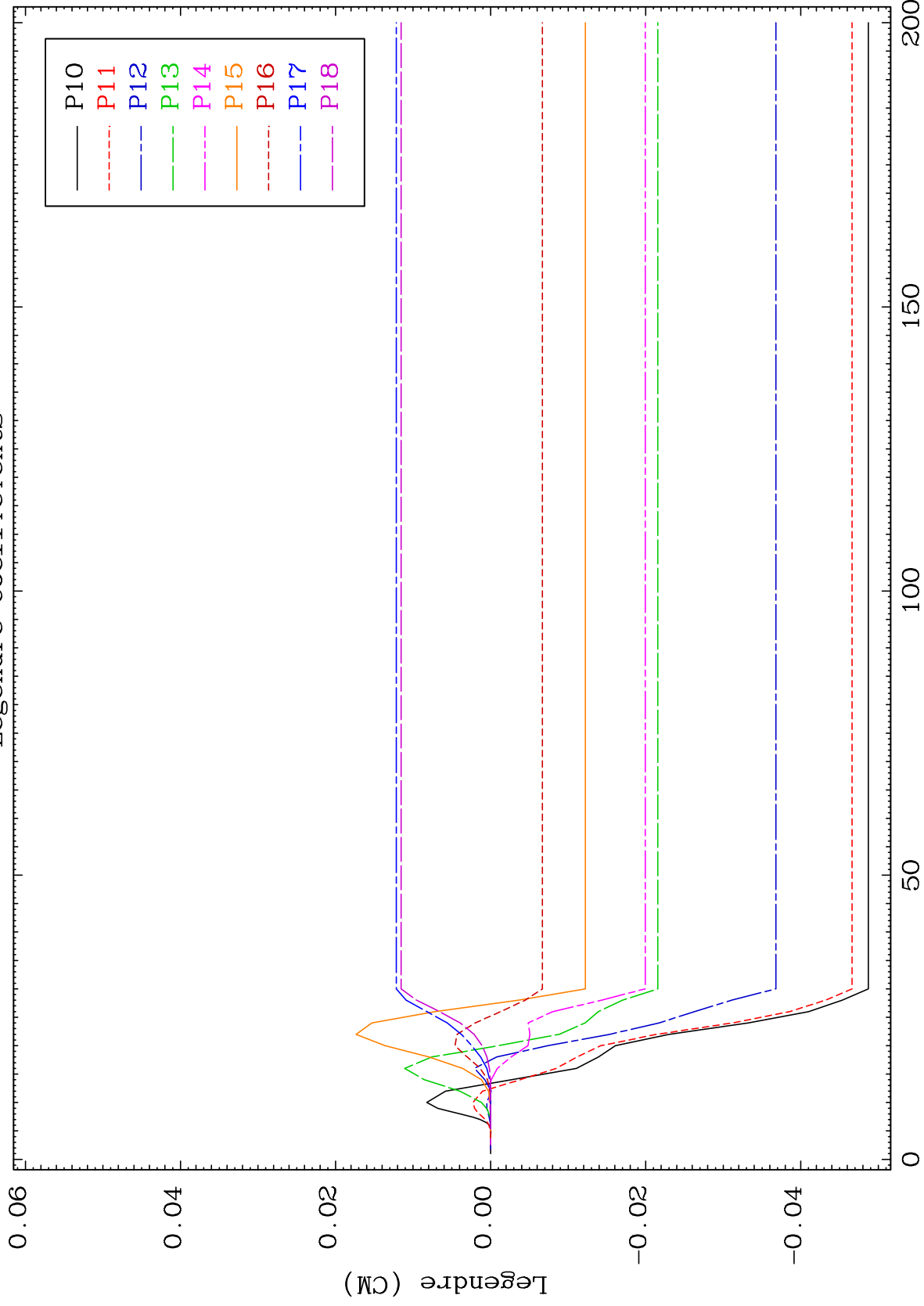
Incident Energy (MeV)

64

MAT 5683

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

57-La-124



65

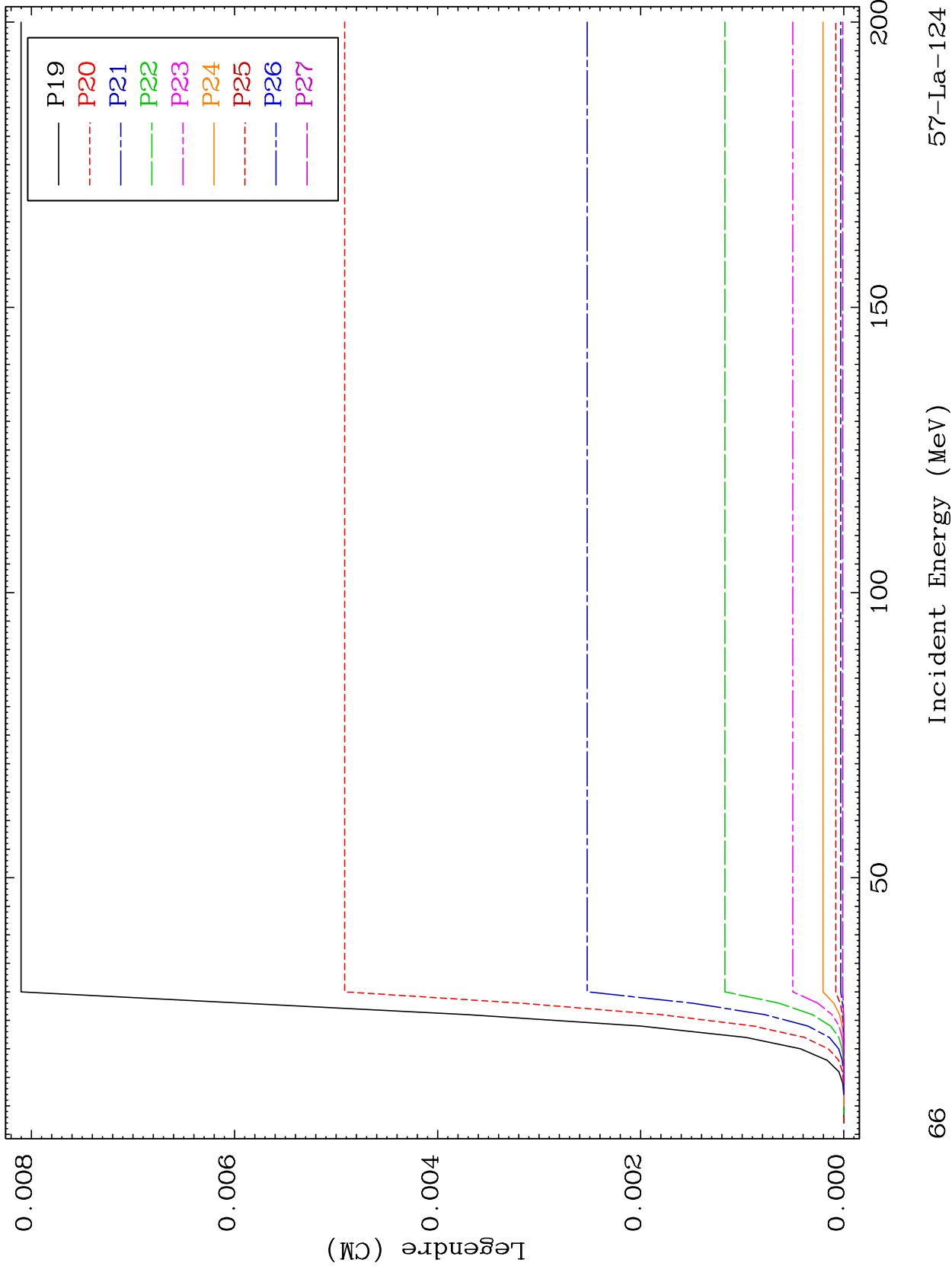
Incident Energy (MeV)

57-La-124

MAT 5683

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

57-La-124



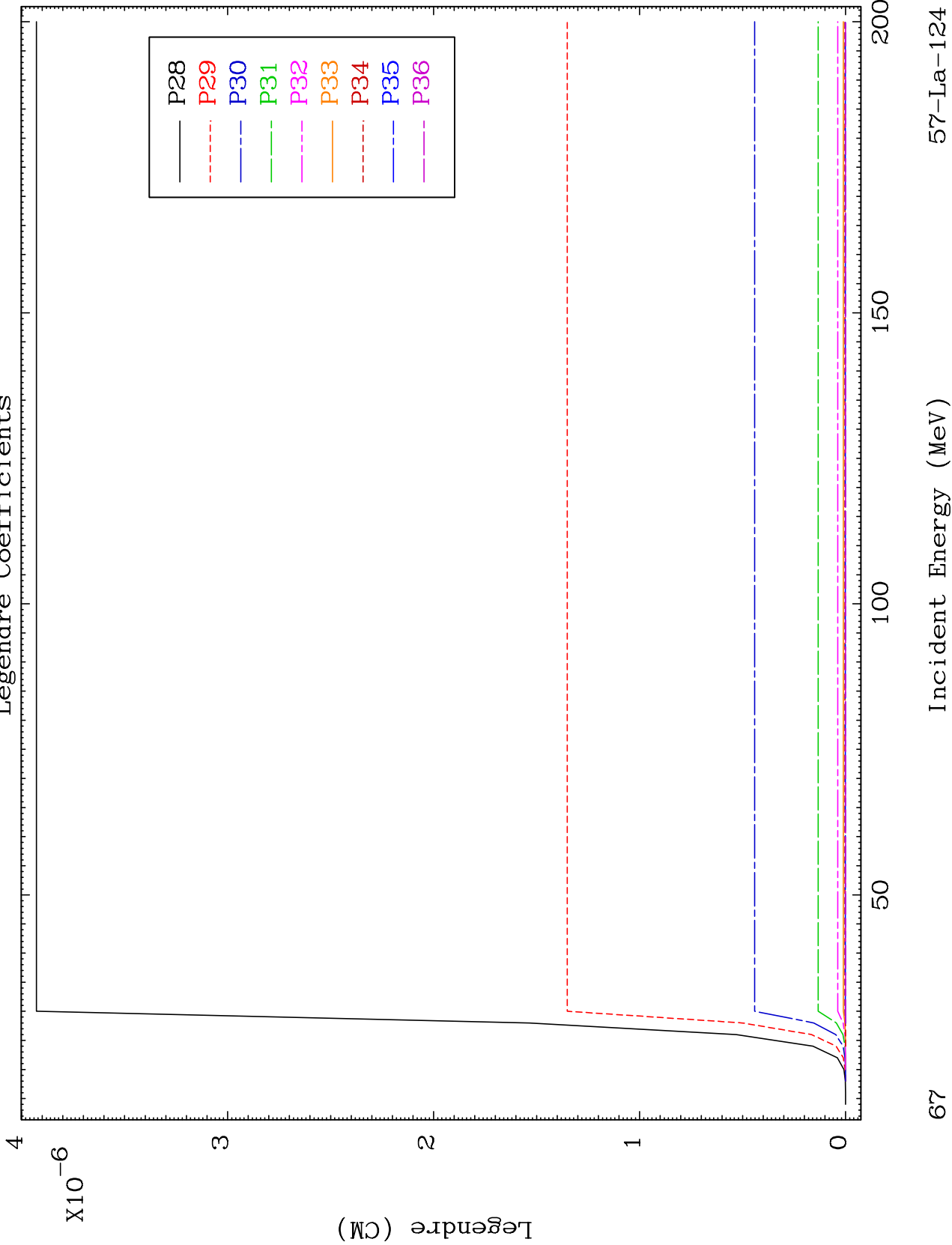
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57-La-124

MAT 5683

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

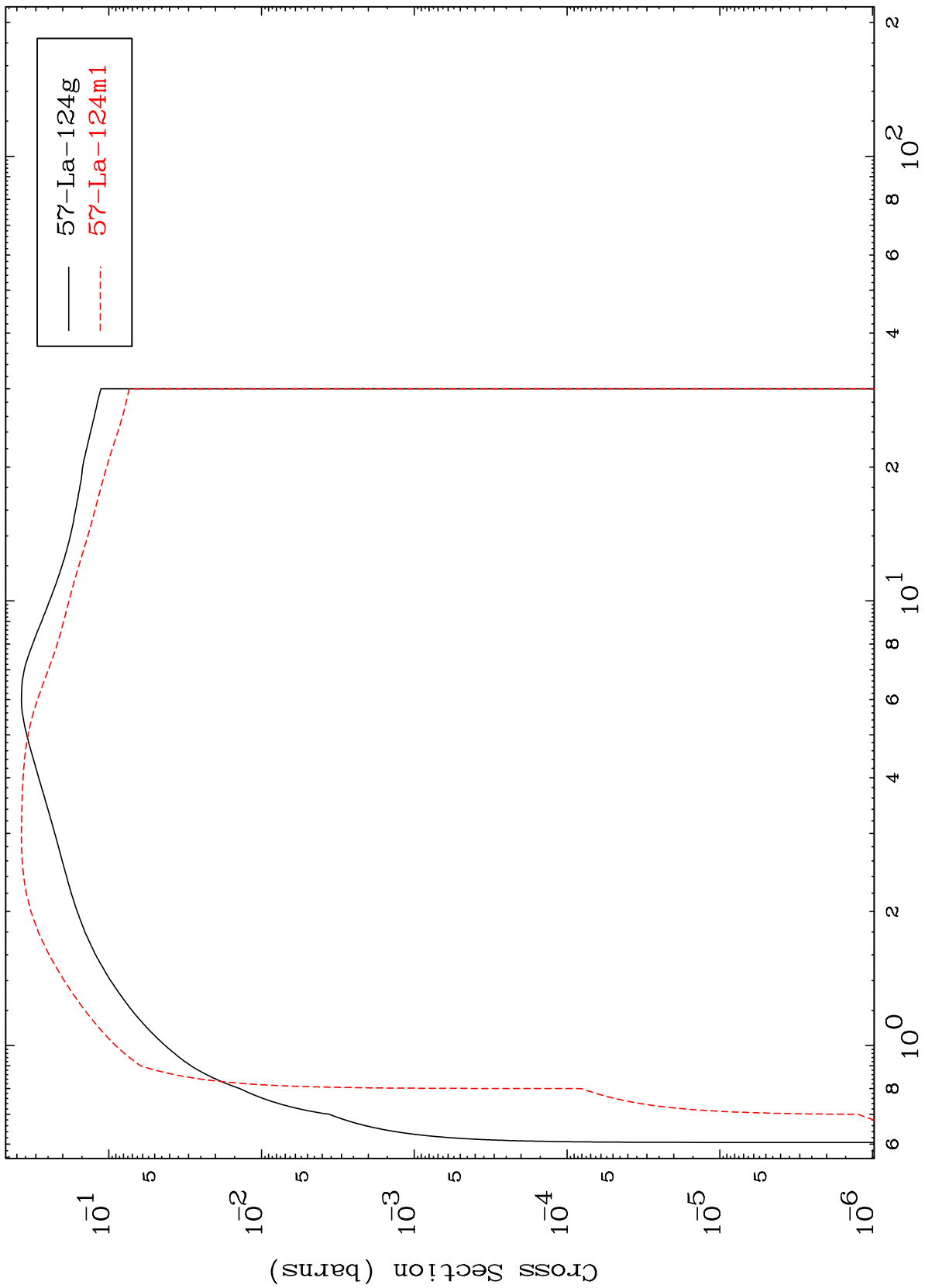
57-La-124



MAT 5683

57-La-124

Inelastic
Radionuclide Production Cross Section



68

Incident Energy (MeV)

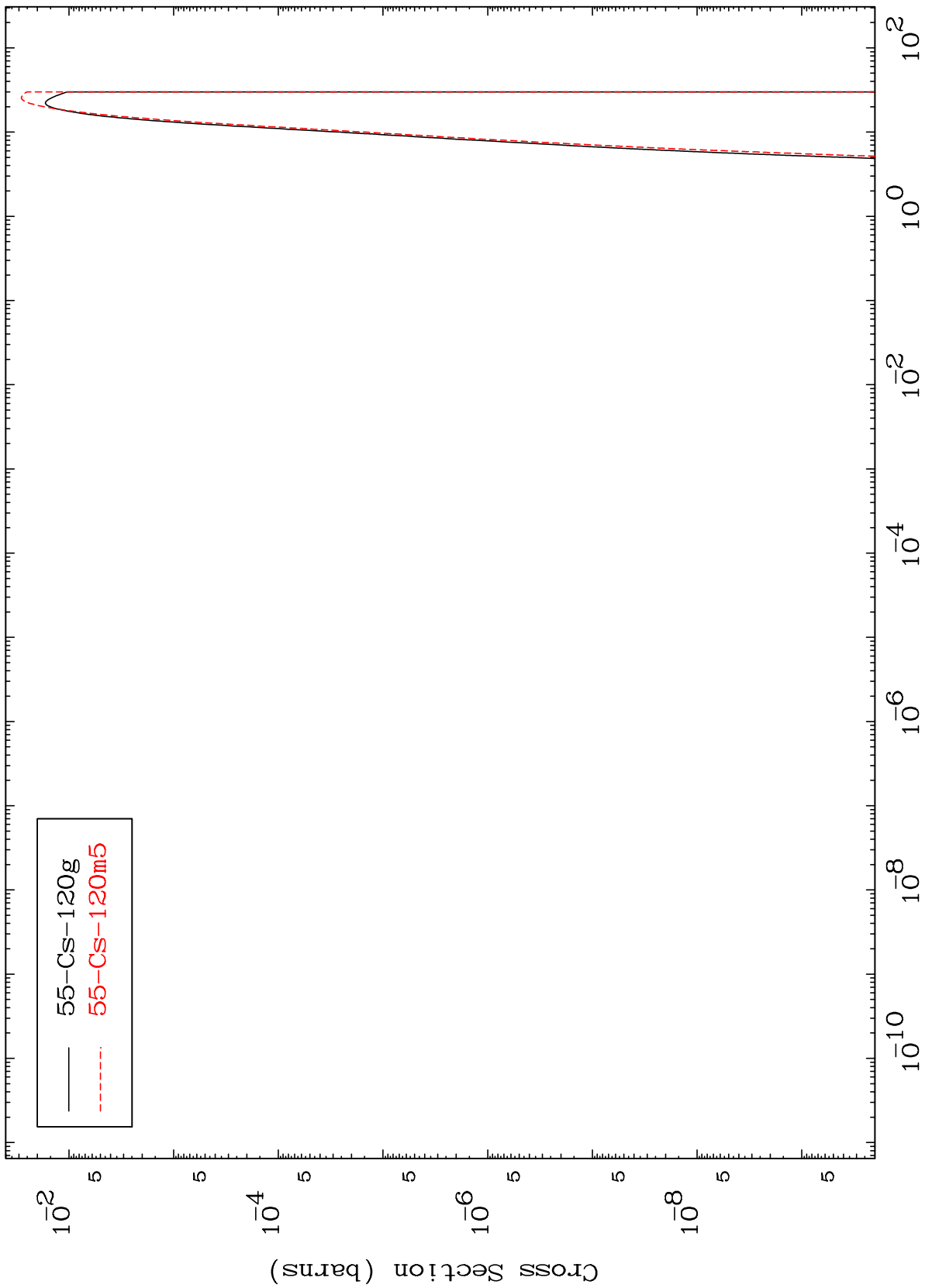
57-La-124

MAT 5683

(n,n') α

57-La-124

Radionuclide Production Cross Section

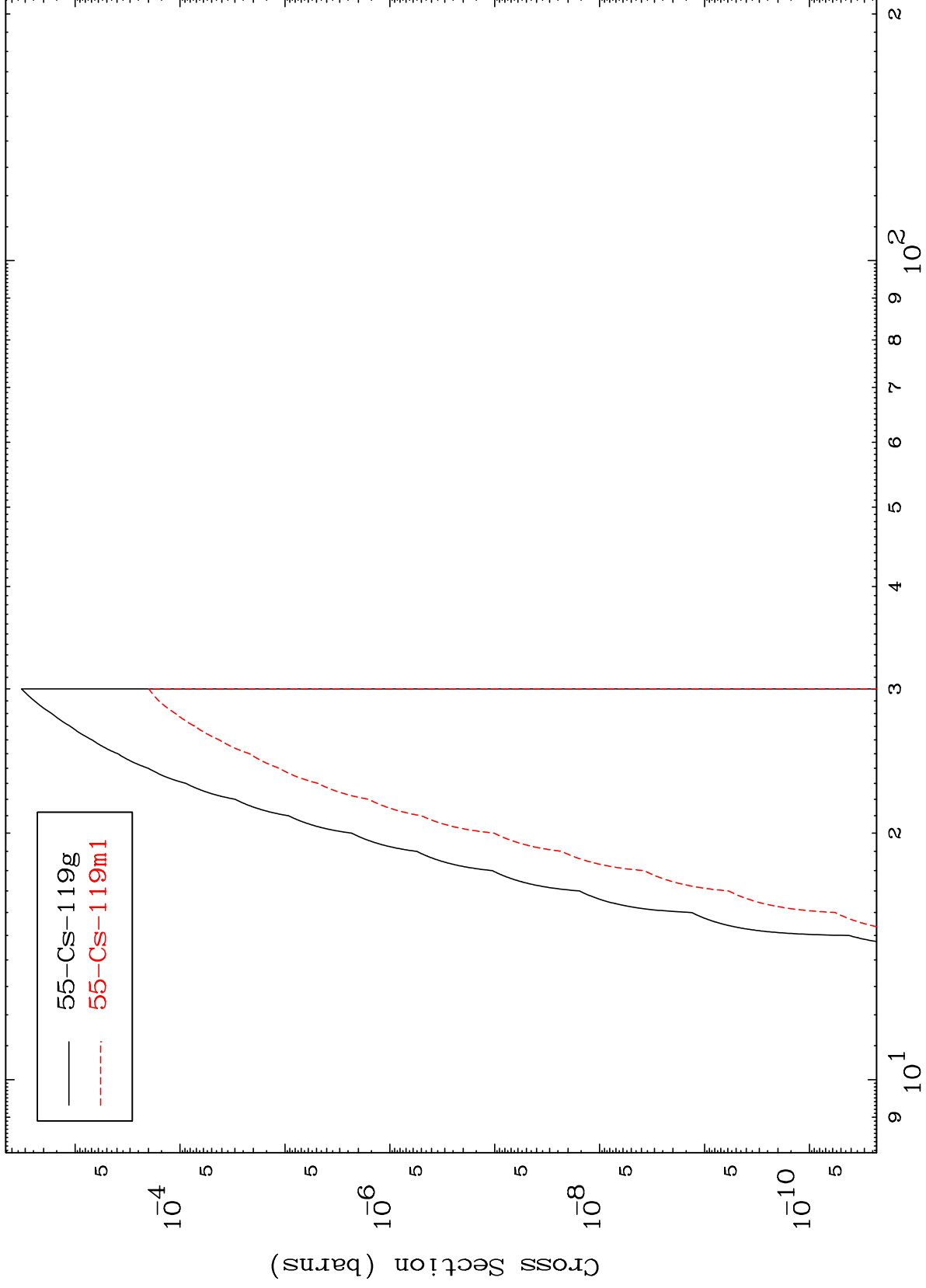


MAT 5683

(n,2n) α

57-La-124

Radionuclide Production Cross Section



70

Incident Energy (MeV)

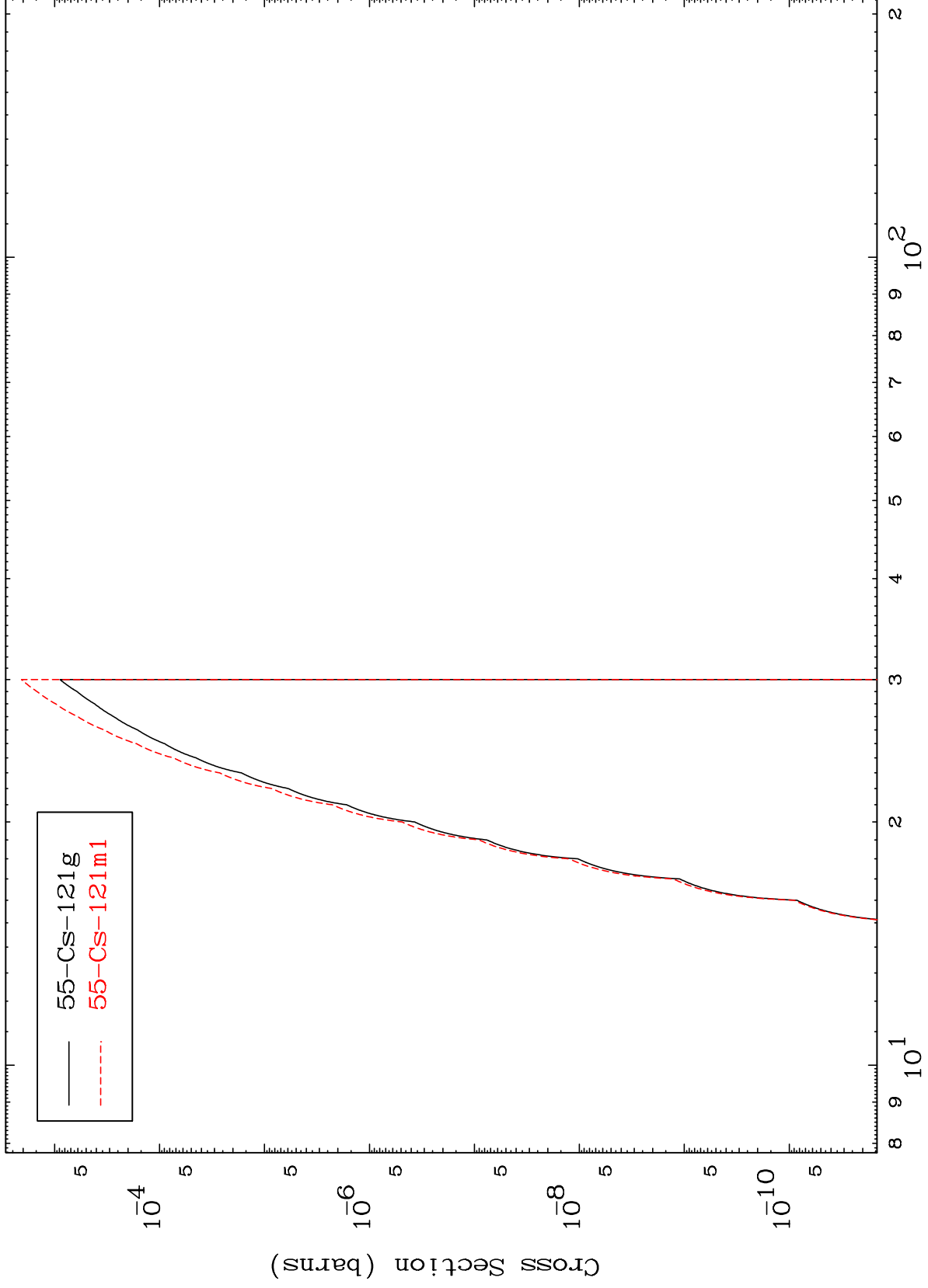
57-La-124

MAT 5683

(n,n') He-3

57-La-124

Radionuclide Production Cross Section



71

Incident Energy (MeV)

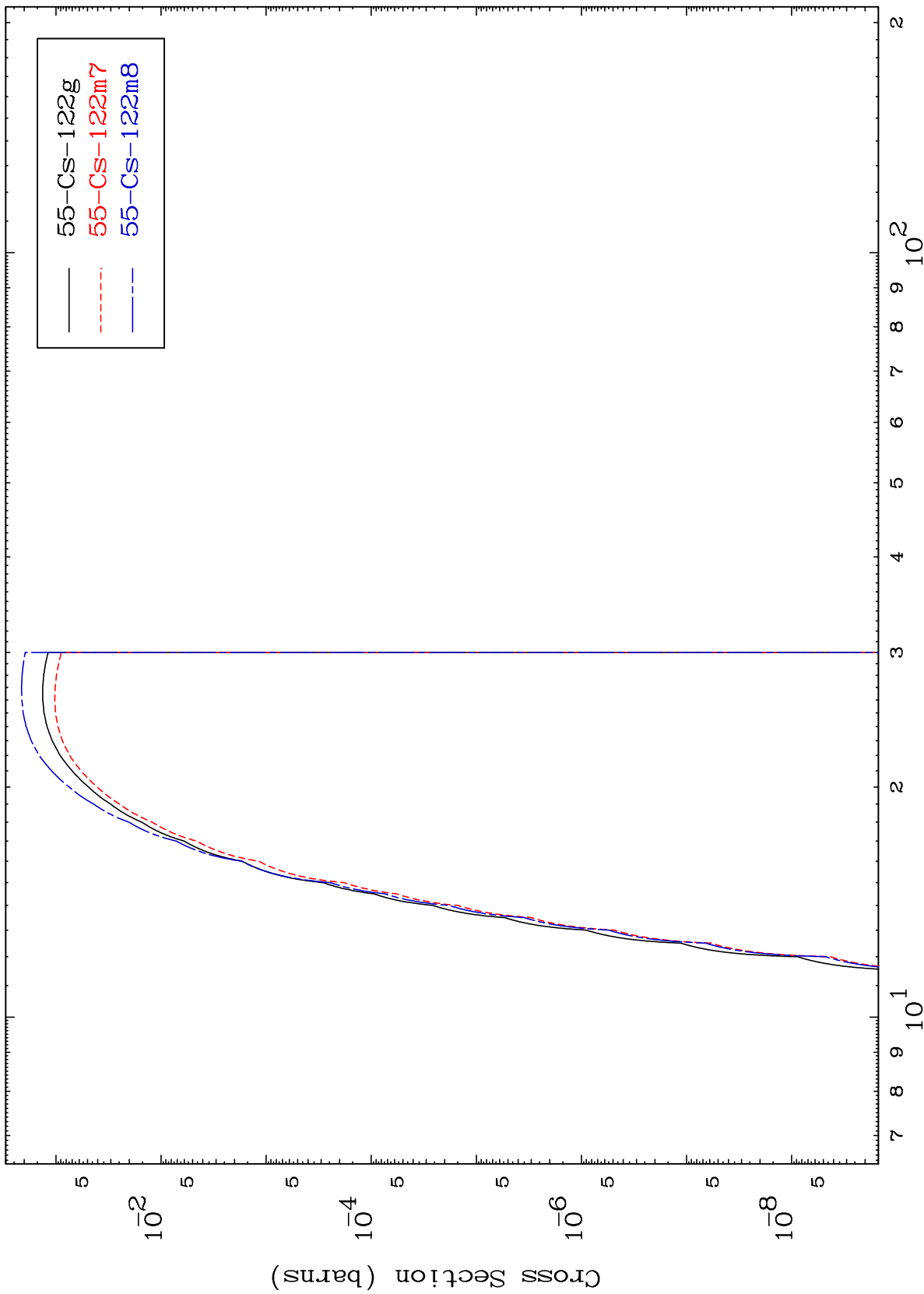
57-La-124

MAT 5683

(n,2n) p

57-La-124

Radionuclide Production Cross Section



72

Incident Energy (MeV)

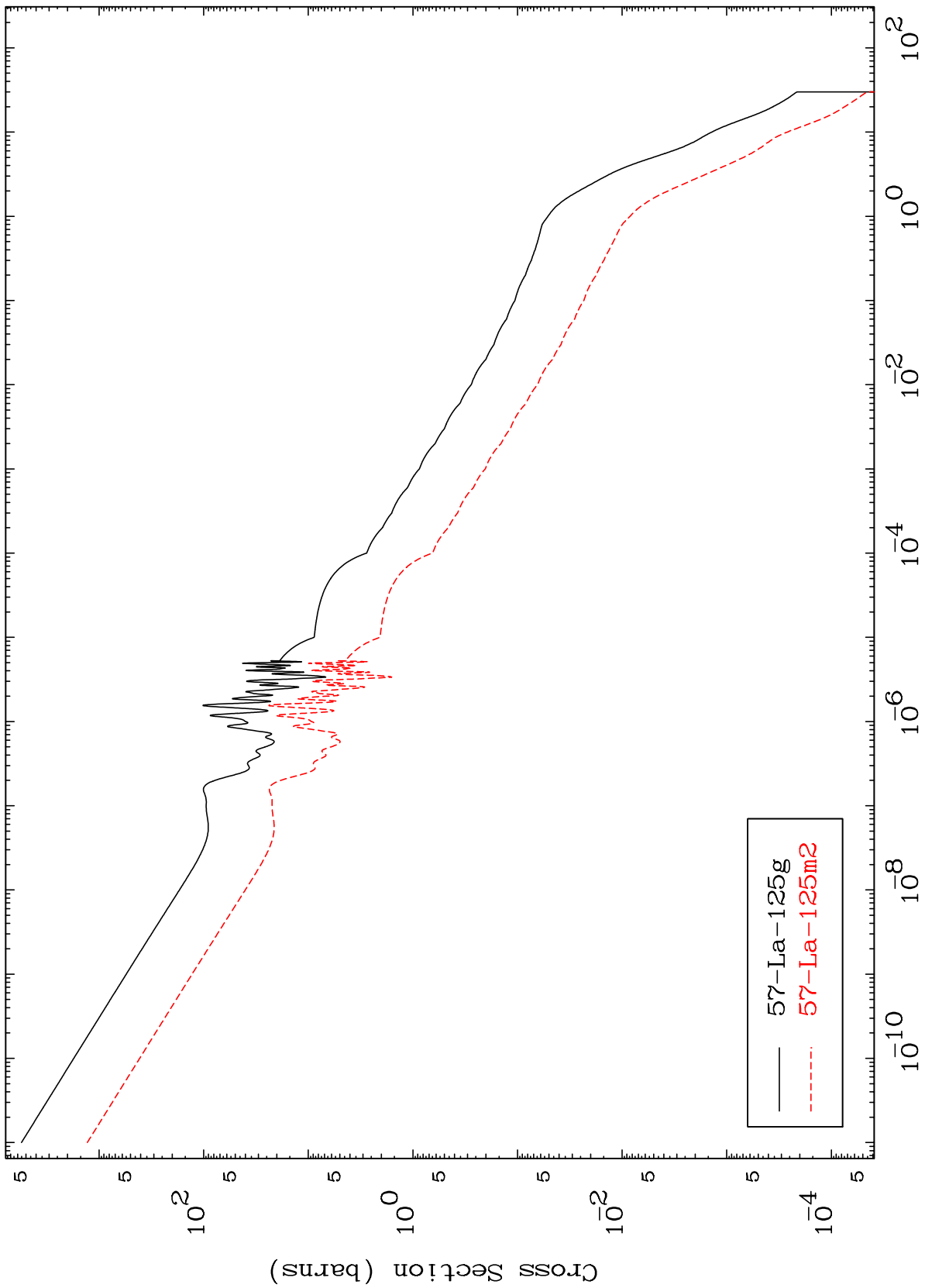
57-La-124

MAT 5683

57-La-124

Radionuclide Production Cross Section

(n, γ)



— 57-La-125g
- - - 57-La-125m2

57-La-124

Incident Energy (MeV)

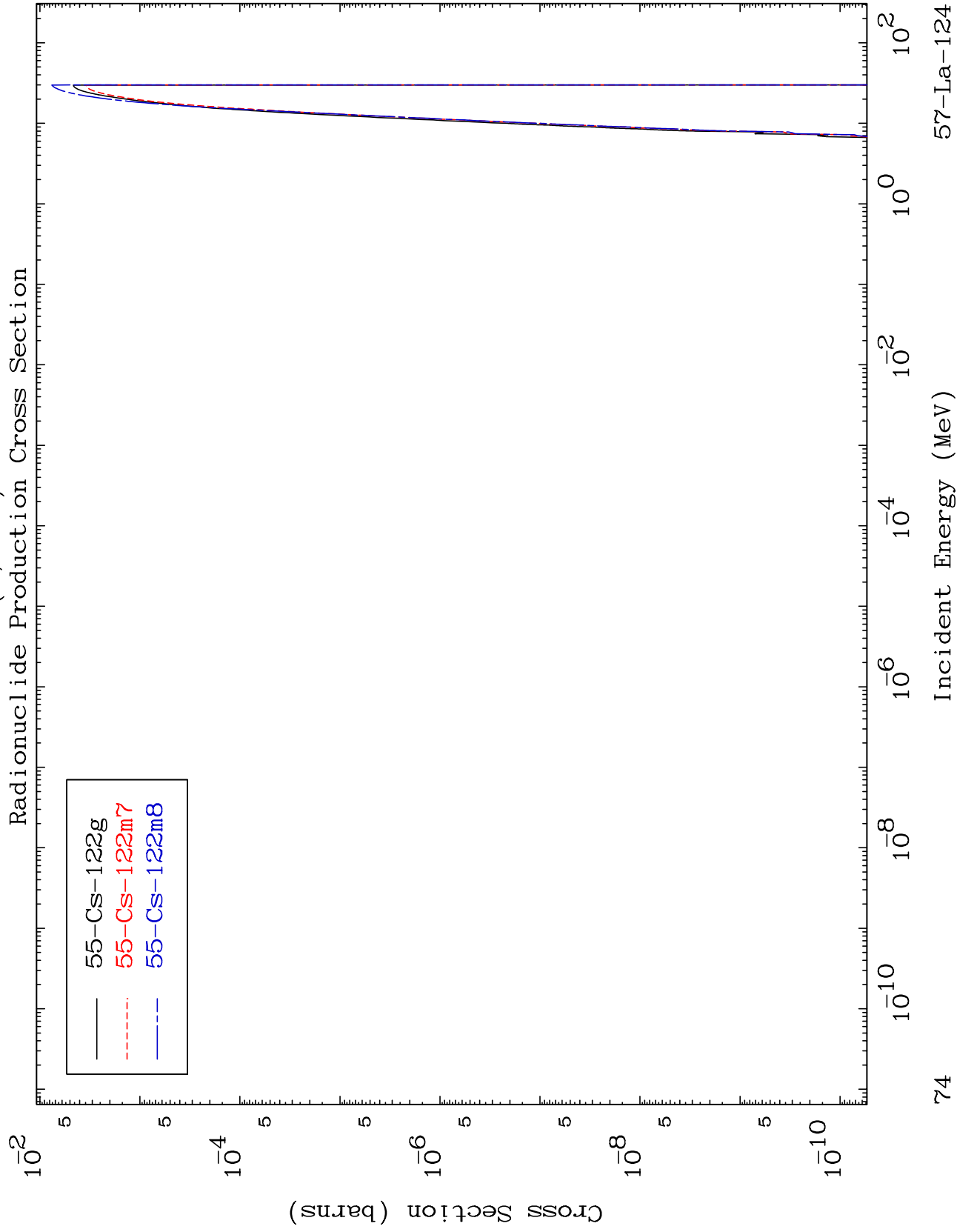
73

MAT 5683

(n,He-3)

57-La-124

Radionuclide Production Cross Section



74

Incident Energy (MeV)

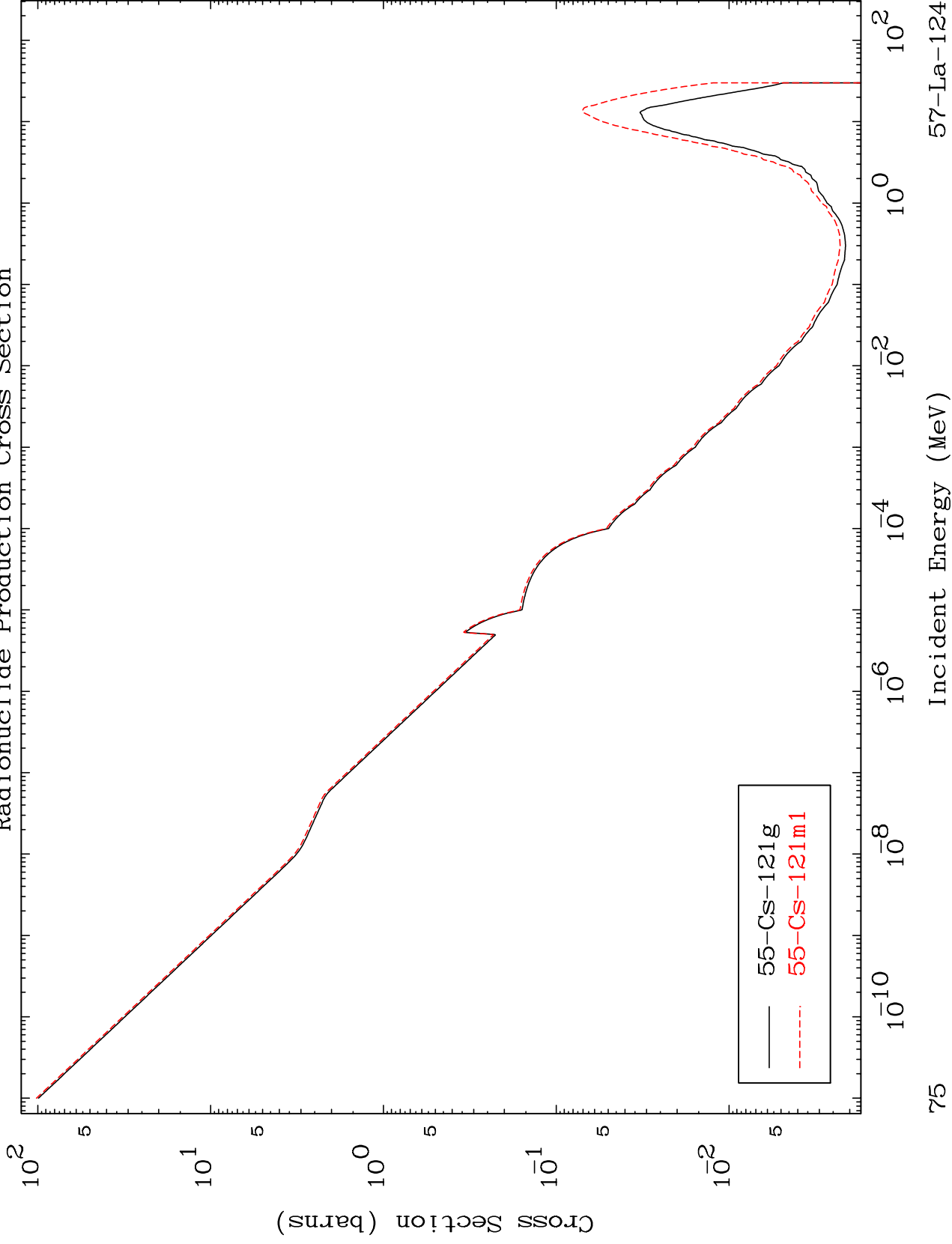
57-La-124

MAT 5683

(n, α)

57-La-124

Radionuclide Production Cross Section



MAT 5683

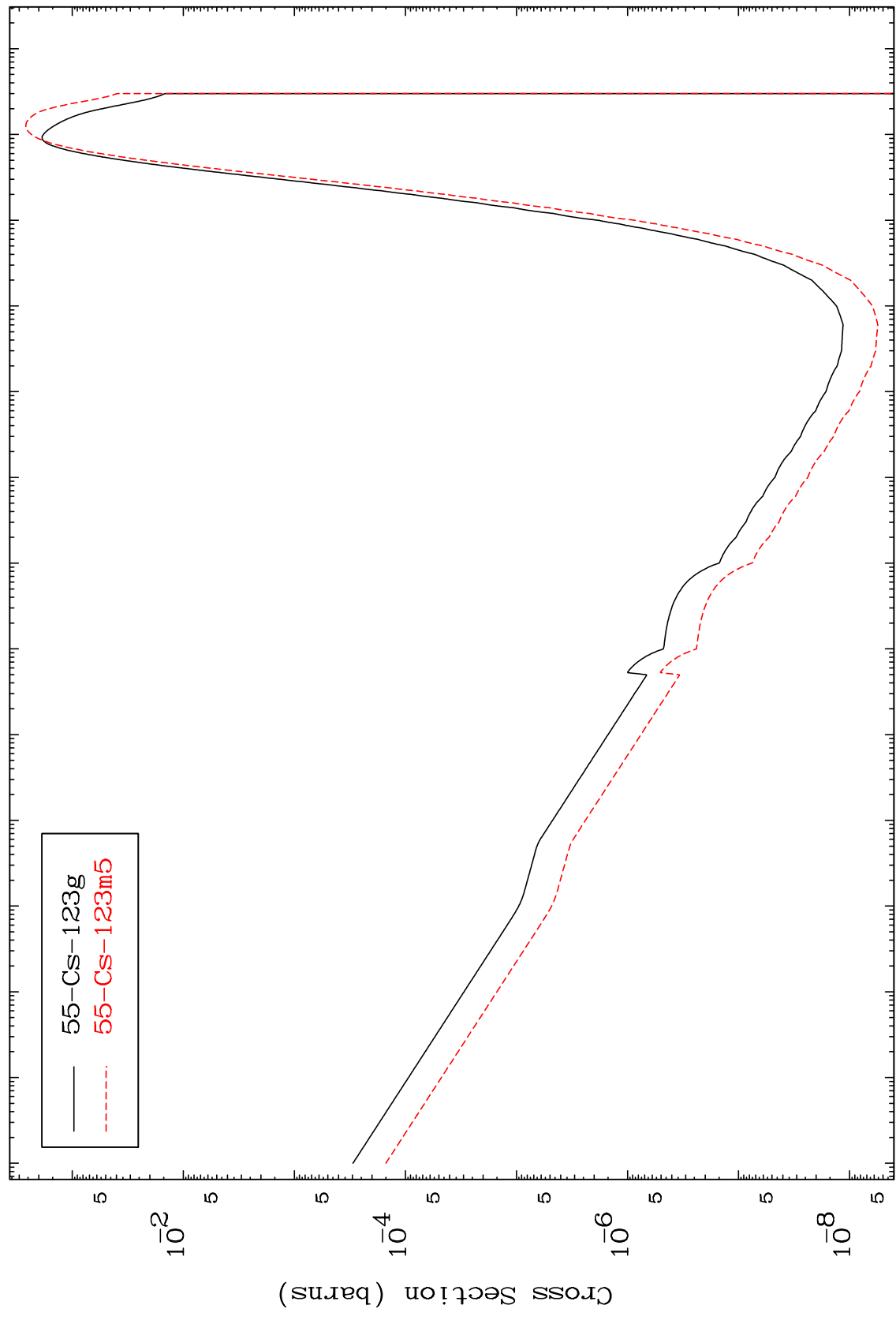
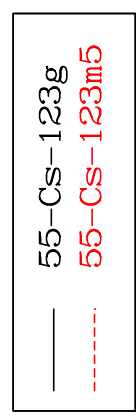
57-La-124

57-La-124

Incident Energy (MeV)

76

Radionuclide Production Cross Section (n,2p)

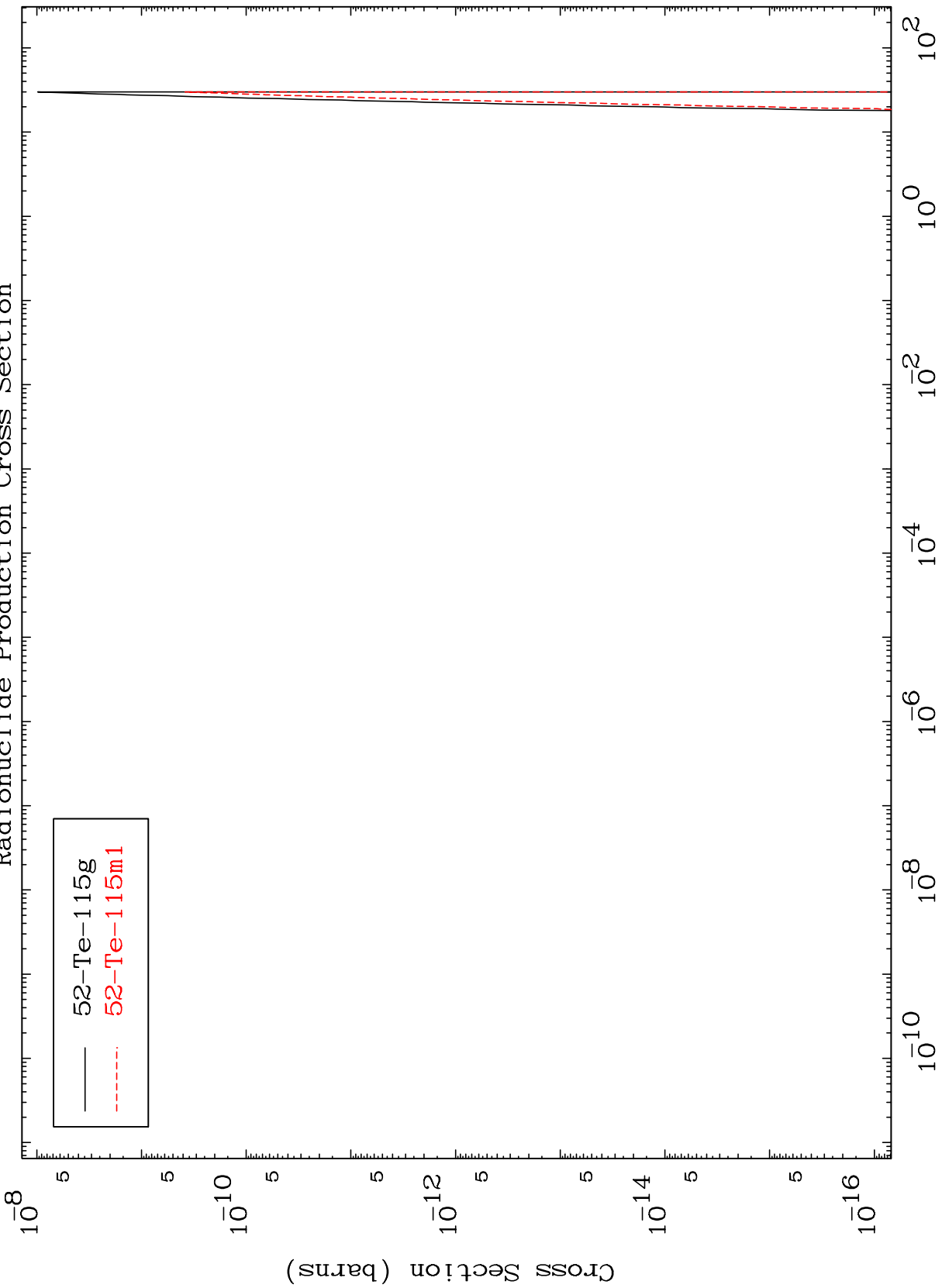


MAT 5683

(n,d) 2 α

57-La-124

Radionuclide Production Cross Section



77

Incident Energy (MeV)

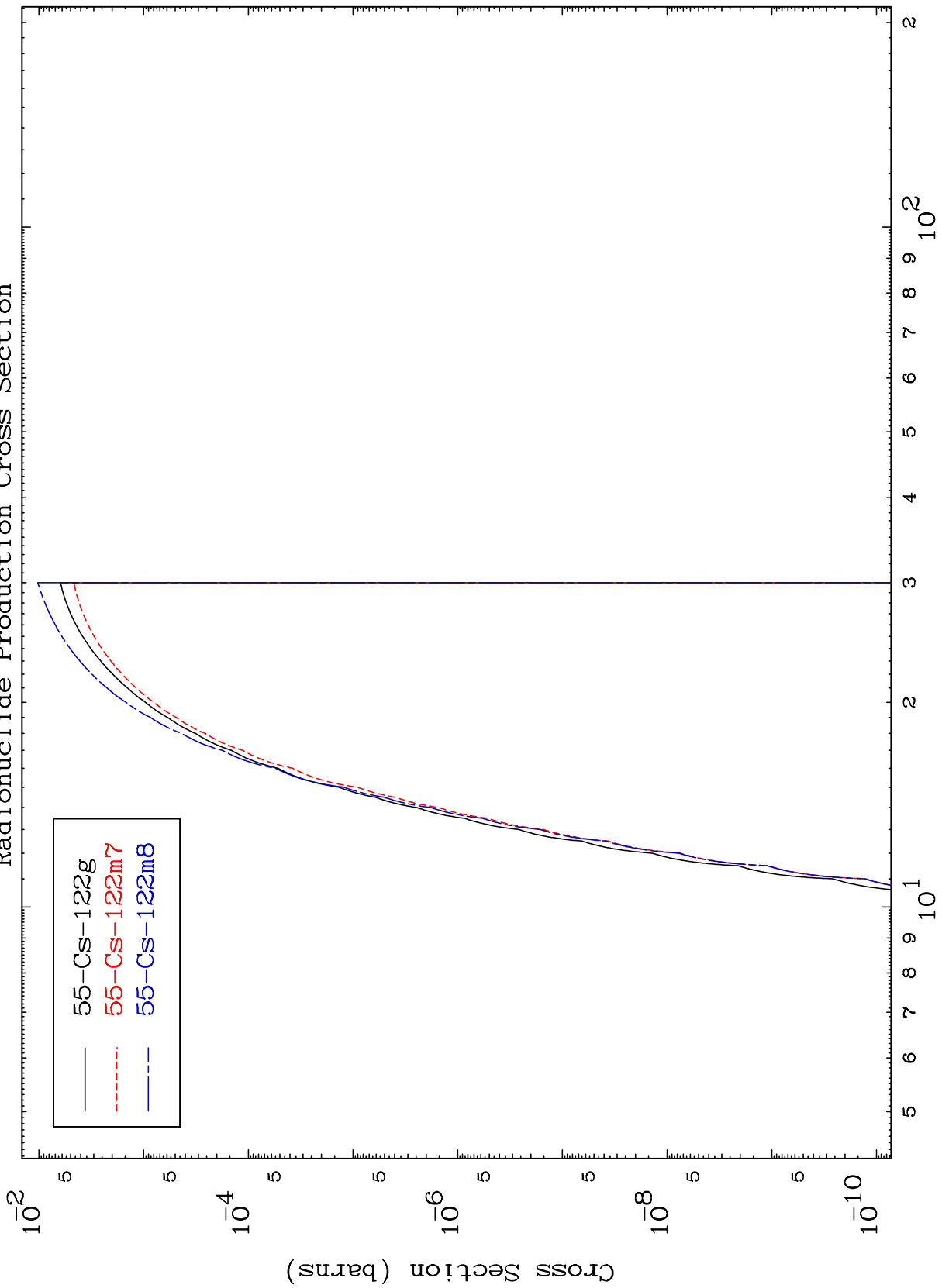
57-La-124

MAT 5683

(n,p) d

57-La-124

Radionuclide Production Cross Section



55-Cs-122g
55-Cs-122m7
55-Cs-122m8

78

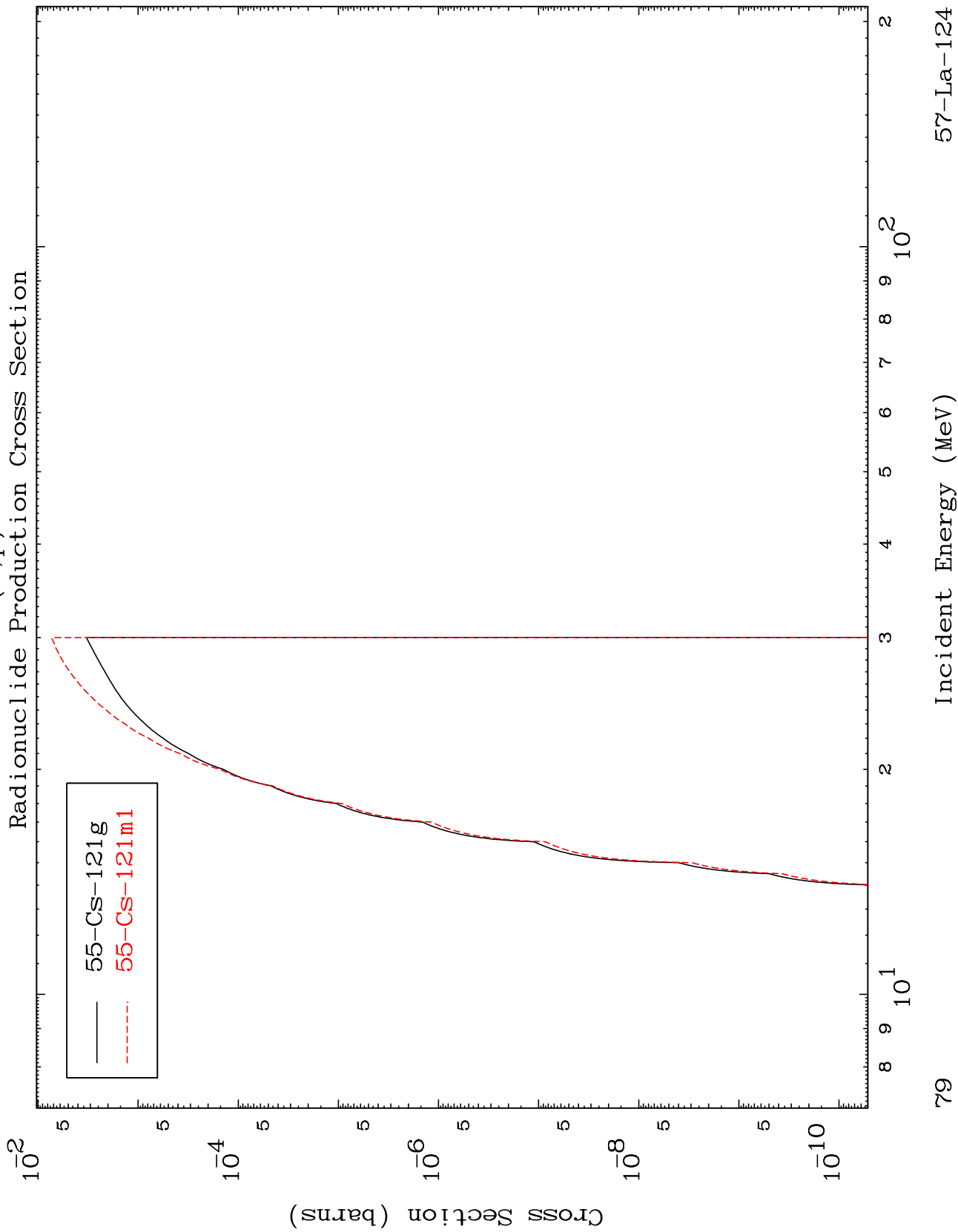
Incident Energy (MeV)

57-La-124

MAT 5683

(n,p) t

57-La-124



79

57-La-124