

Program EVALPLOT  
(Version 2018-1)

by

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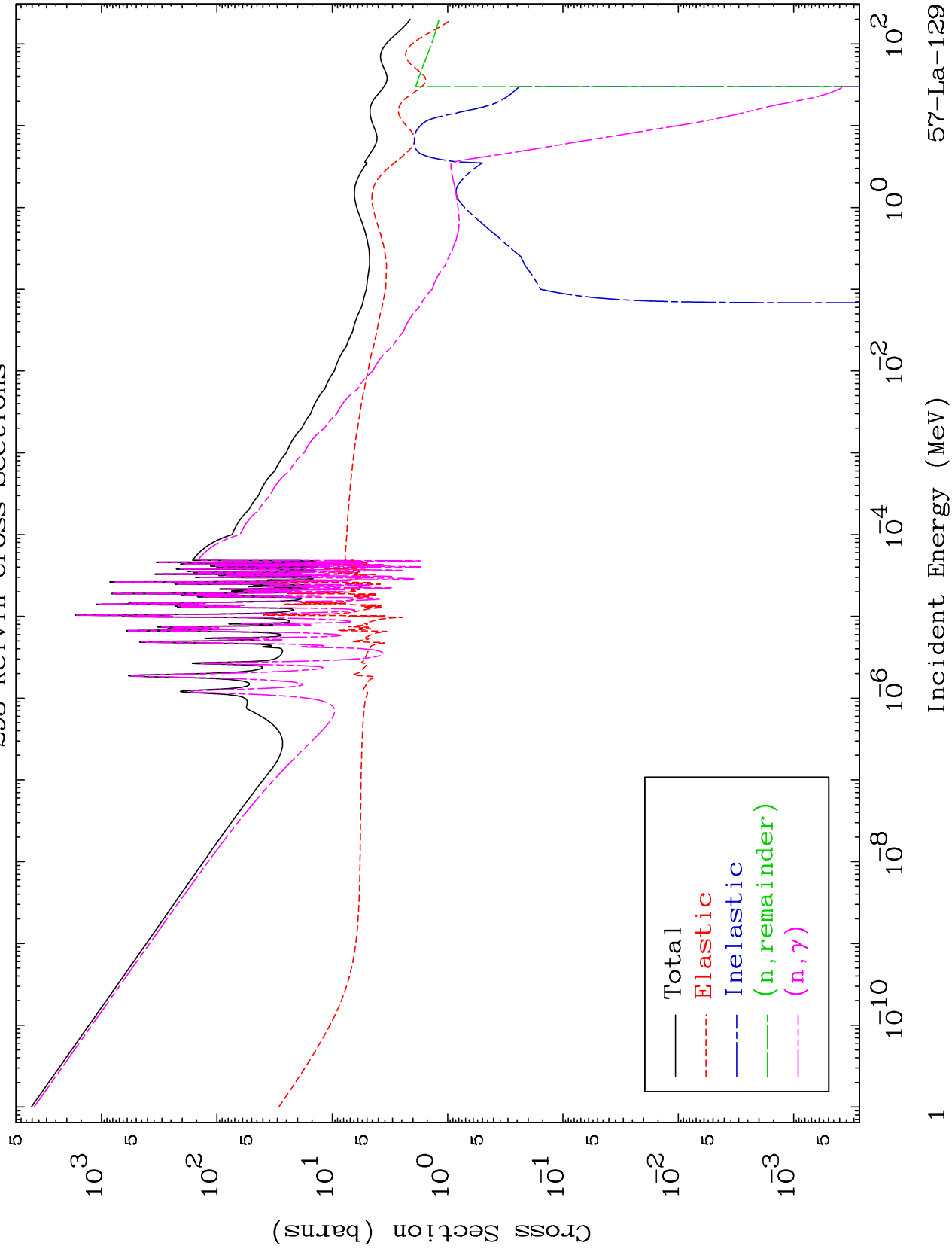
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5698

Major  
293 Kelvin Cross Sections

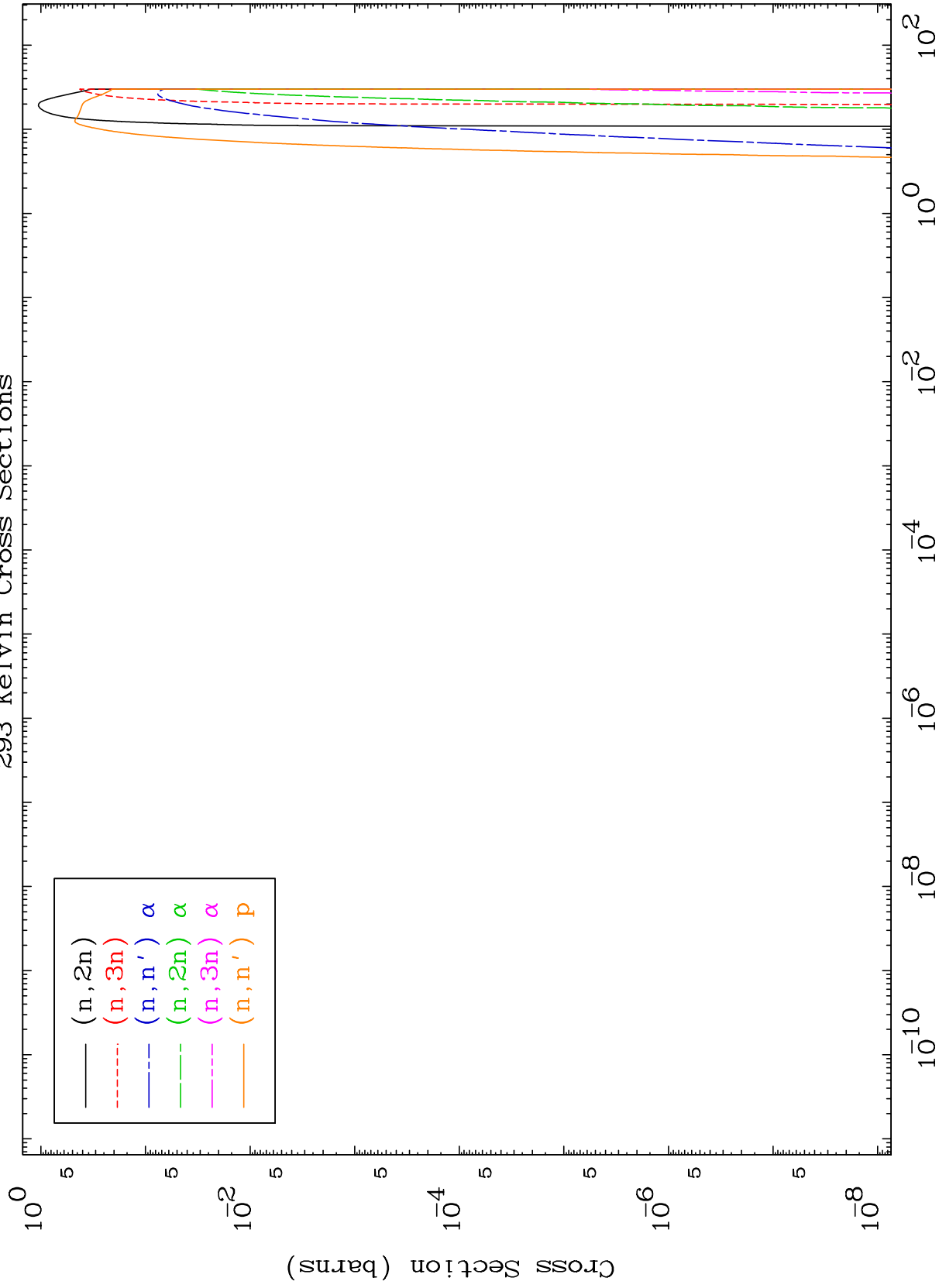
57-La-129



MAT 5698

Neutron Production  
293 Kelvin Cross Sections

57-La-129



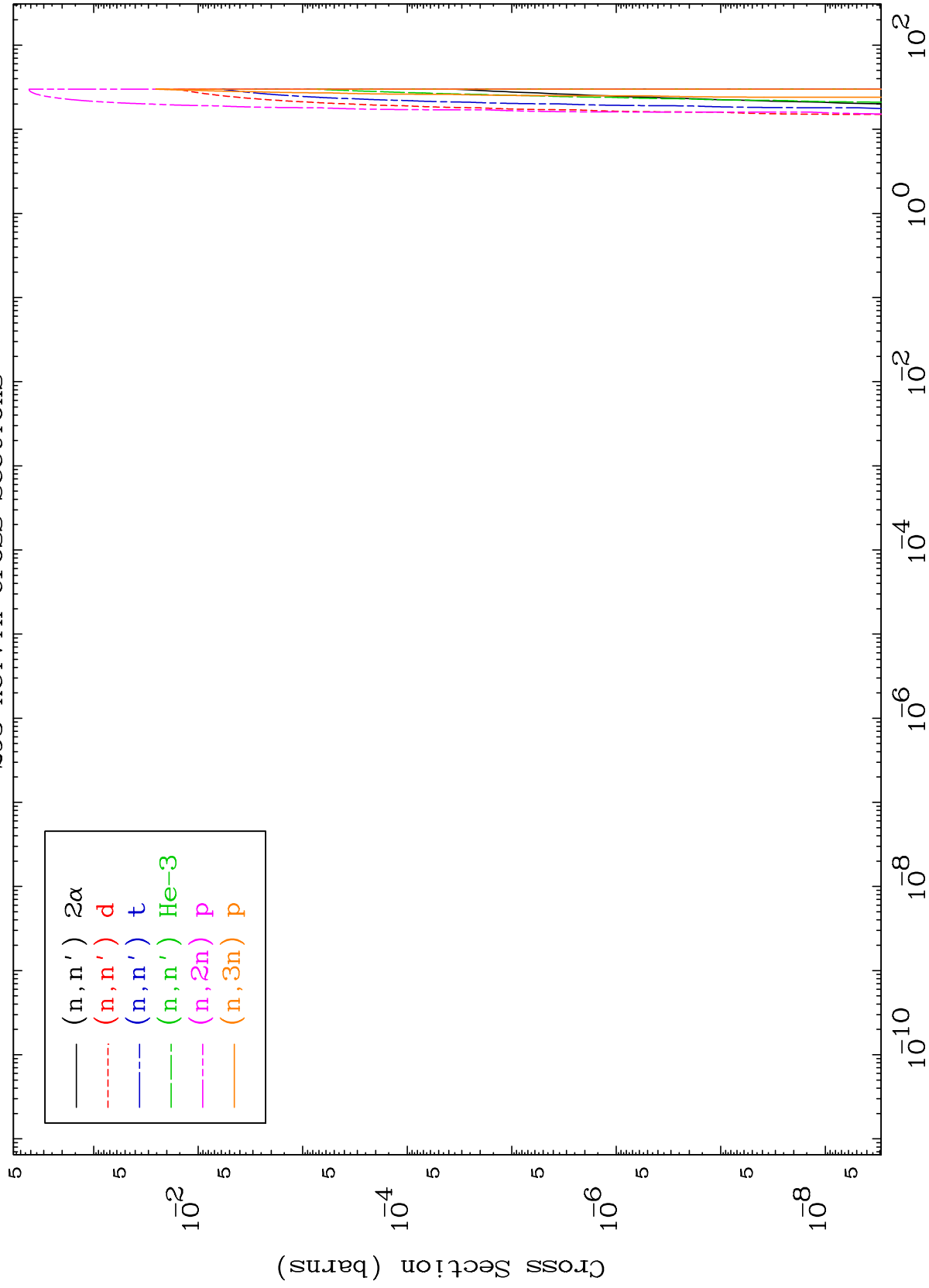
2

57-La-129

MAT 5698

Neutron Production  
293 Kelvin Cross Sections

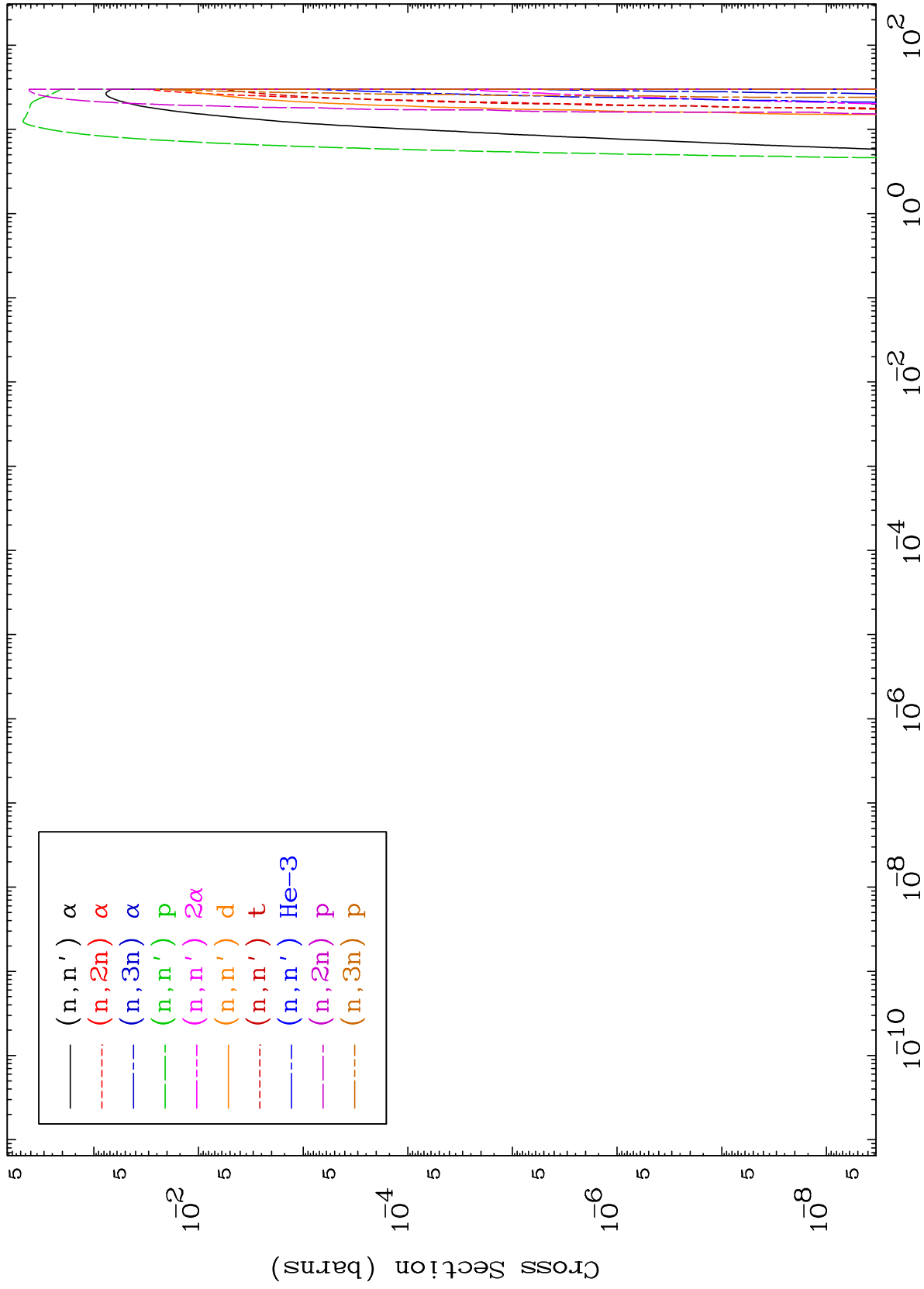
57-La-129



MAT 5698

Charged Particle  
293 Kelvin Cross Sections

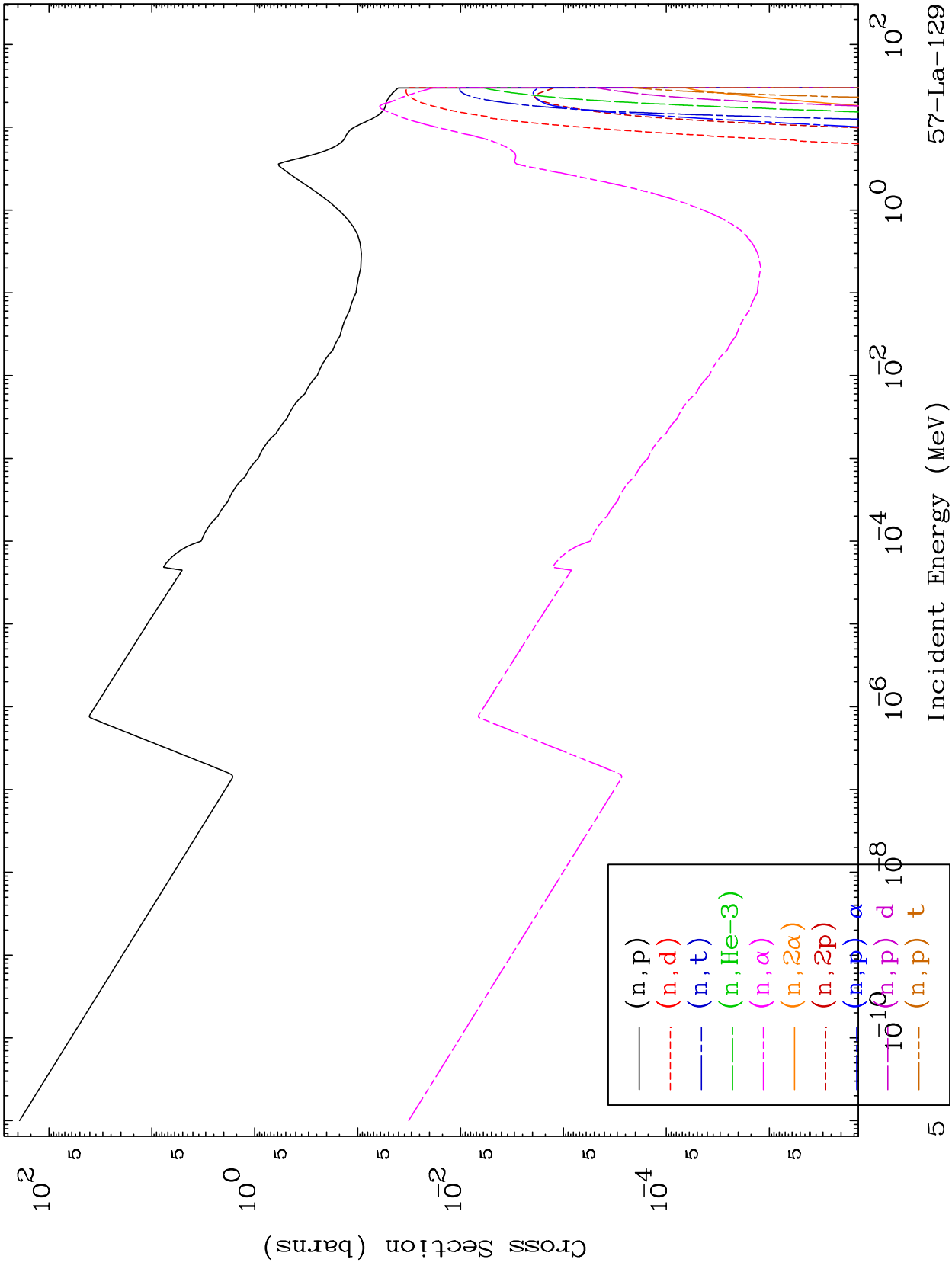
57-La-129



MAT 5698

Charged Particle  
293 Kelvin Cross Sections

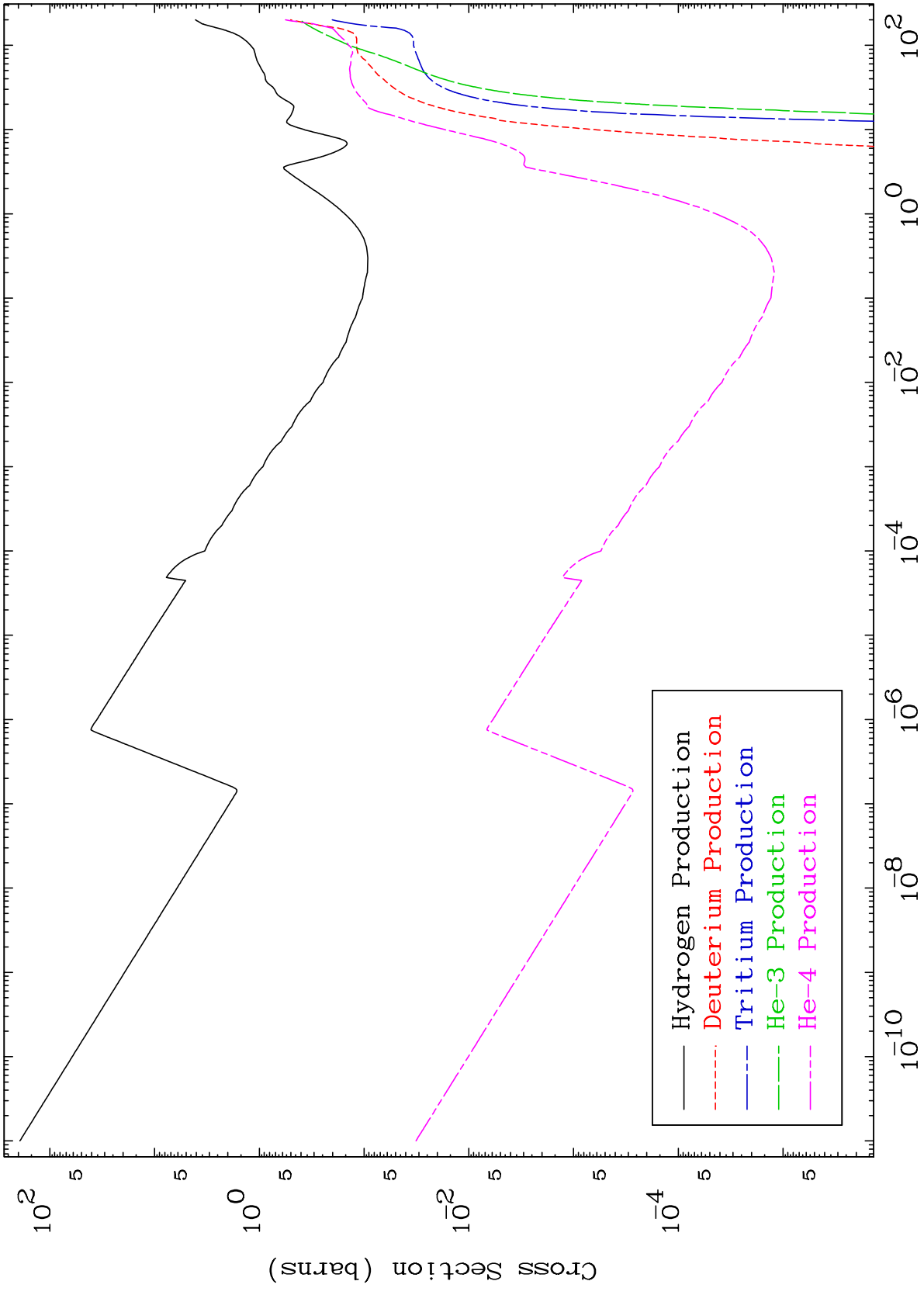
57-La-129



MAT 5698

Particle Production  
293 Kelvin Cross Sections

57-La-129

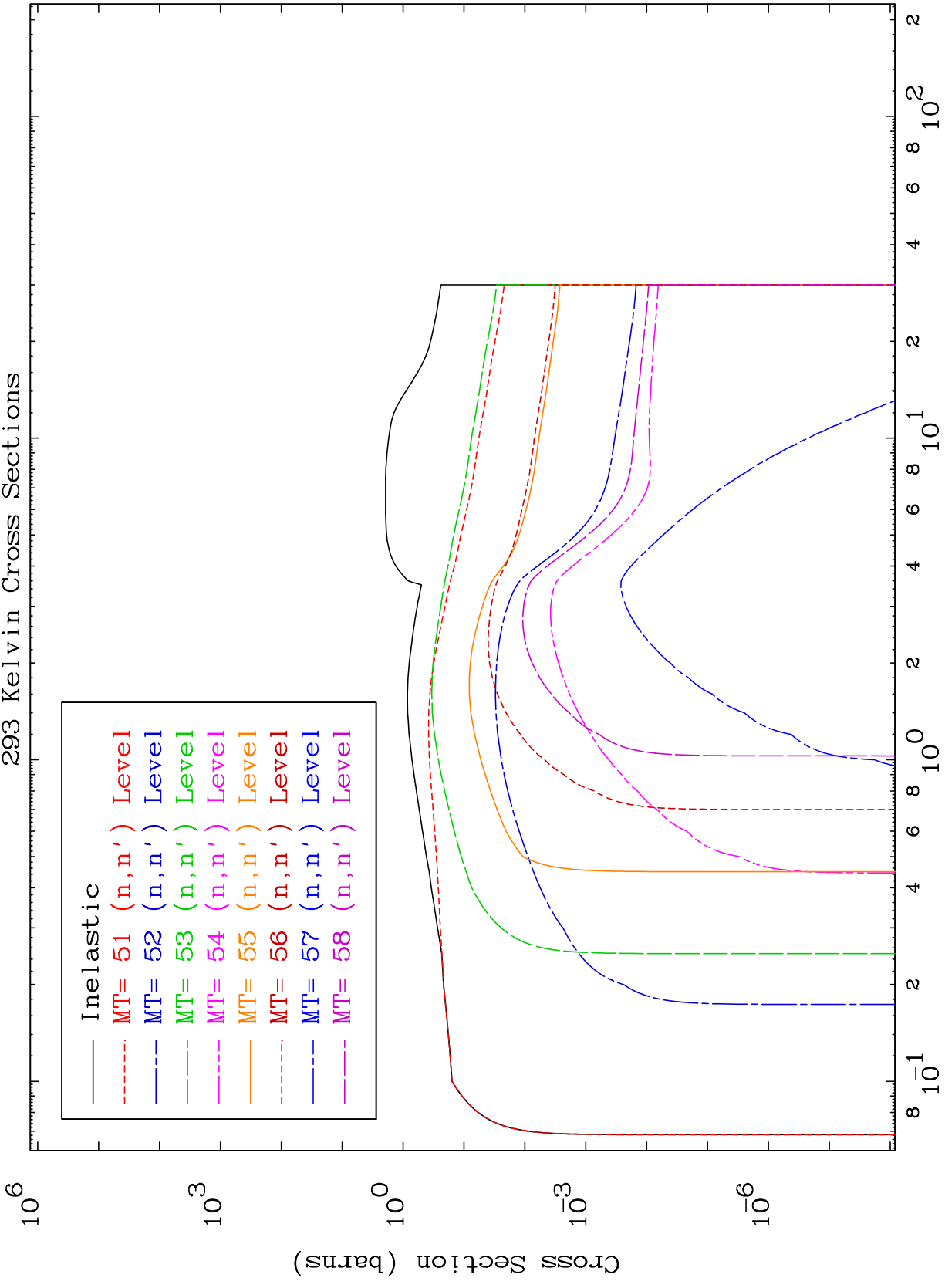


57-La-129

MAT 5698

(n,n') Level  
293 Kelvin Cross Sections

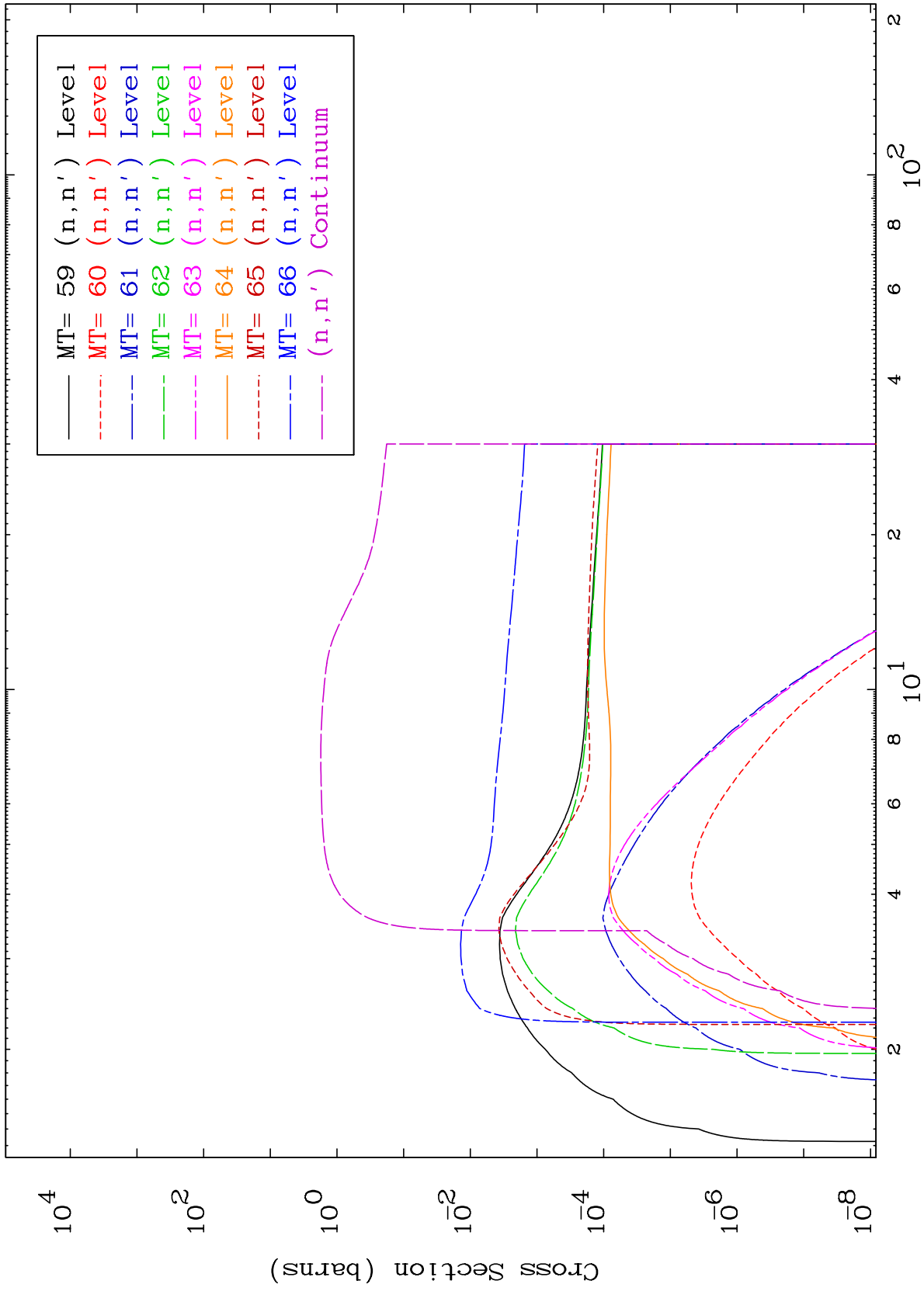
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57-La-129

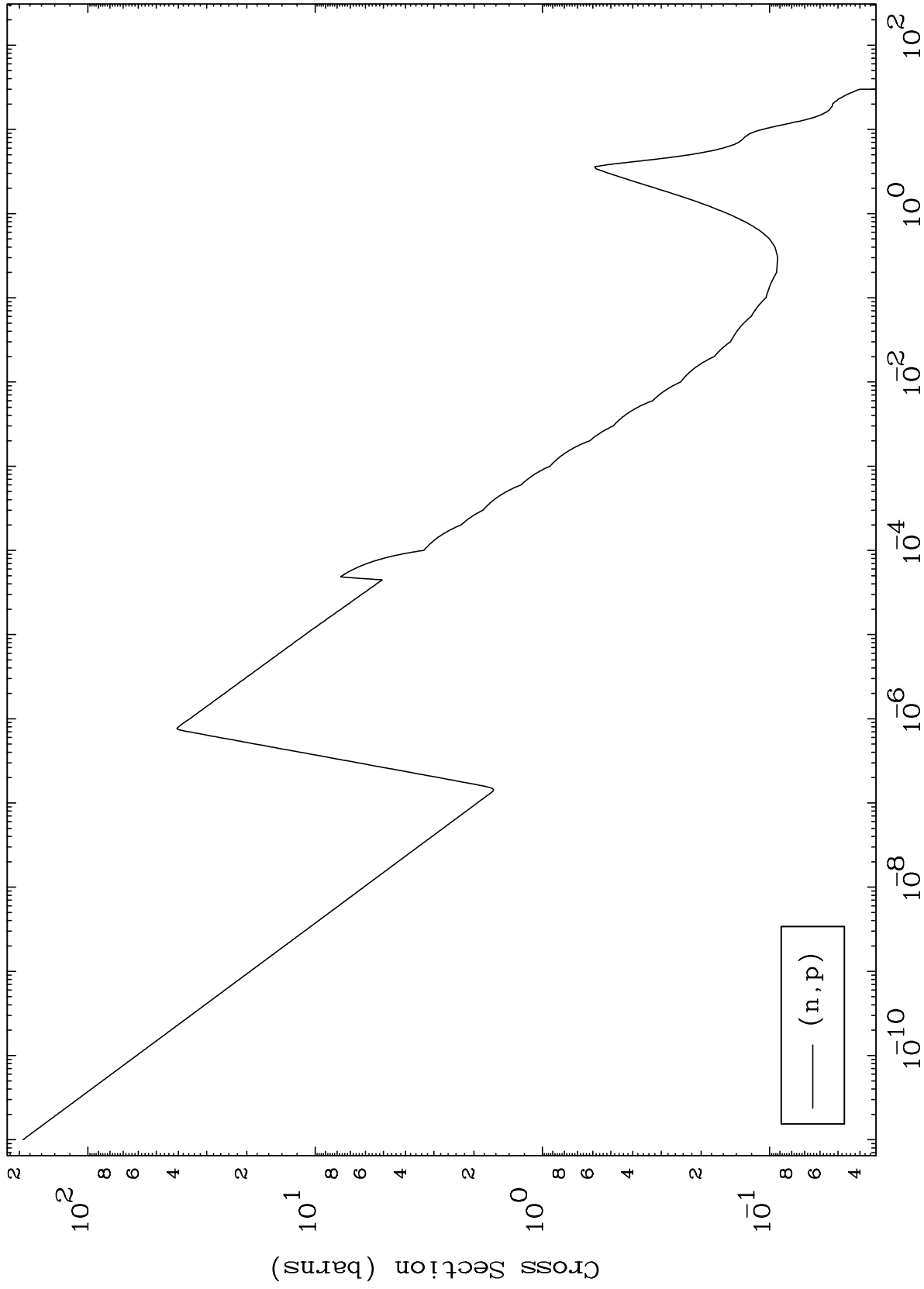




MAT 5698

(n,p) Levels  
293 Kelvin Cross Sections

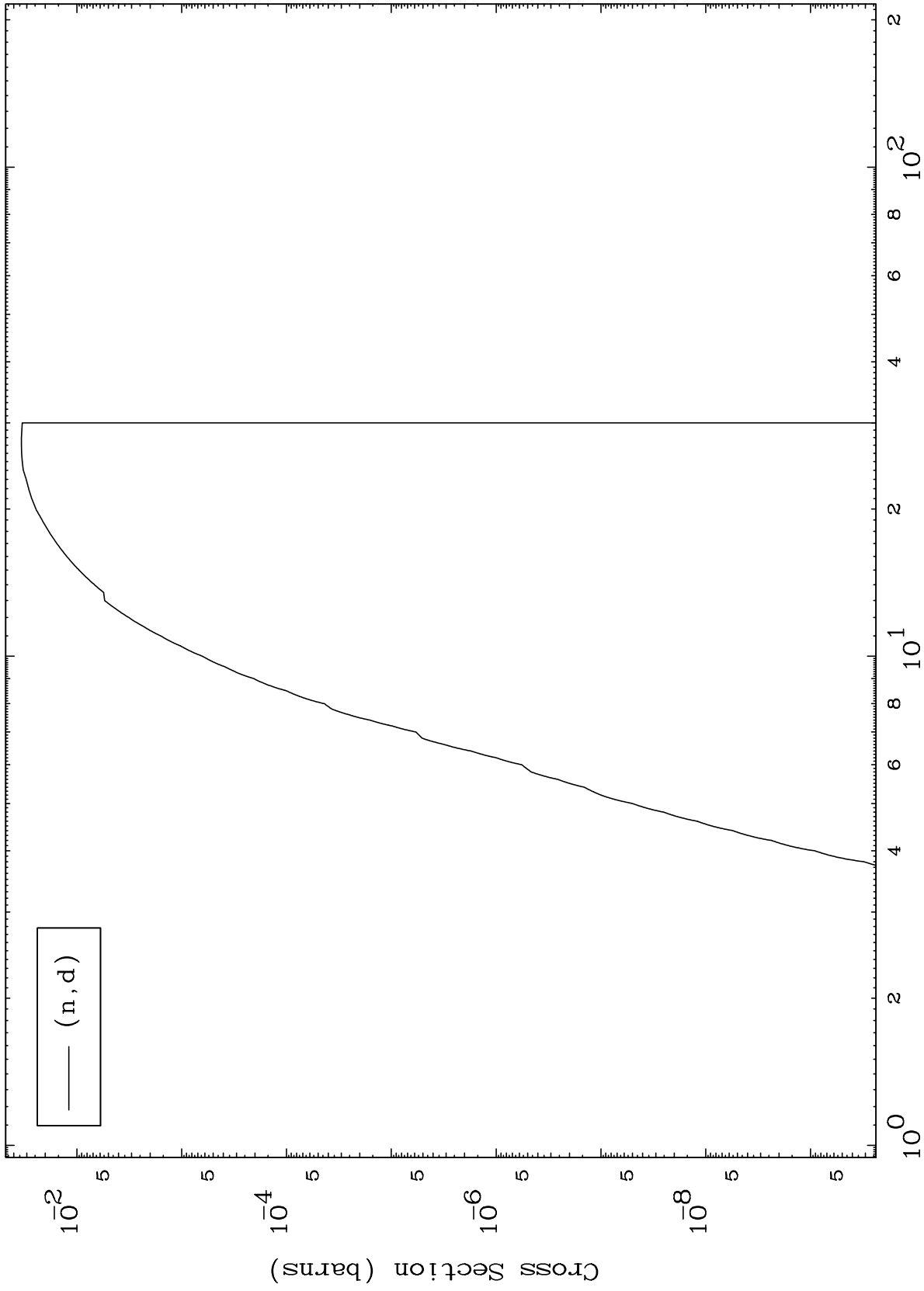
57-La-129



MAT 5698

(n,d) Levels  
293 Kelvin Cross Sections

57-La-129



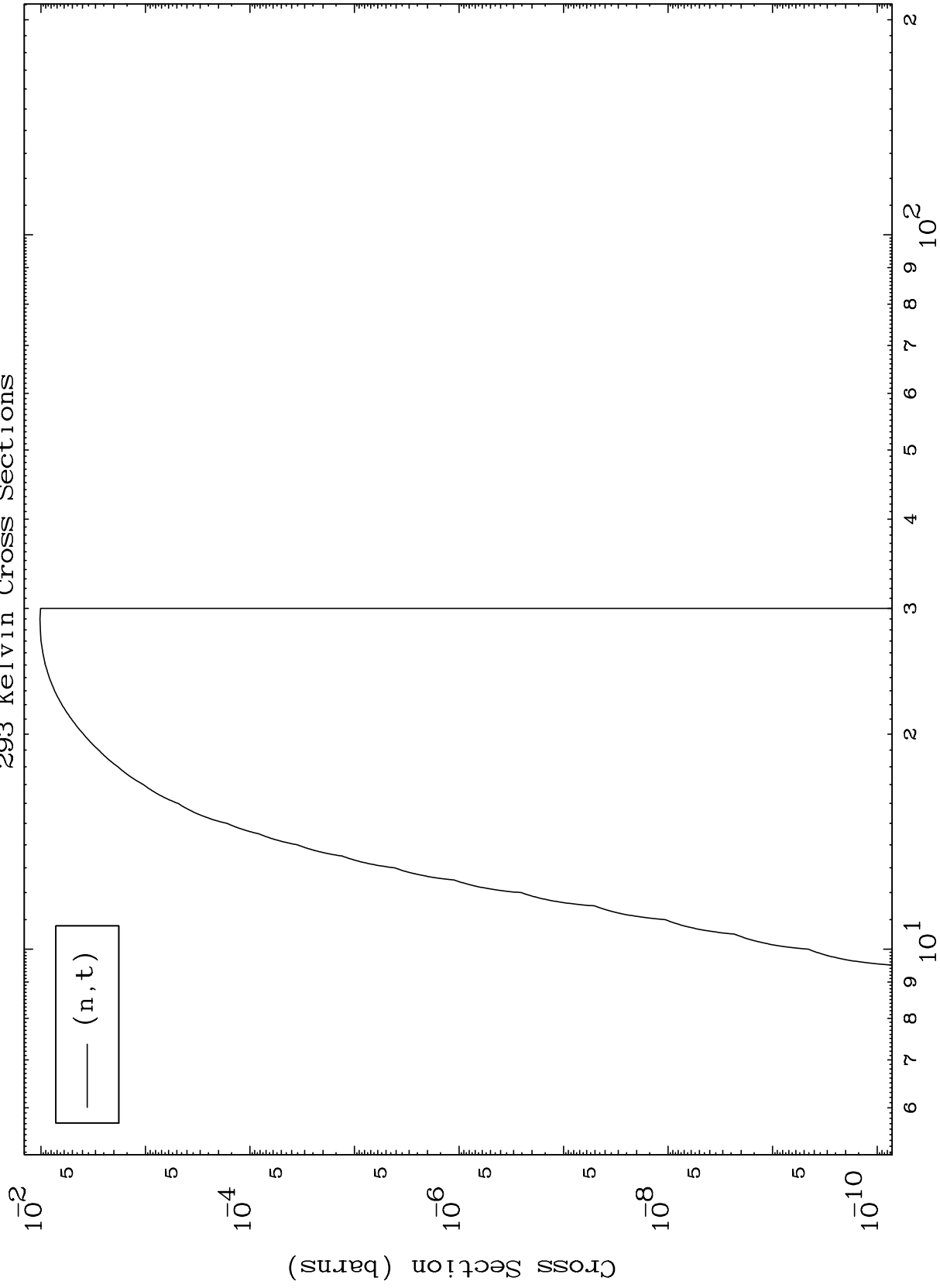
Incident Energy (MeV)

57-La-129

MAT 5698

(n,t) Levels  
293 Kelvin Cross Sections

57-La-129



11

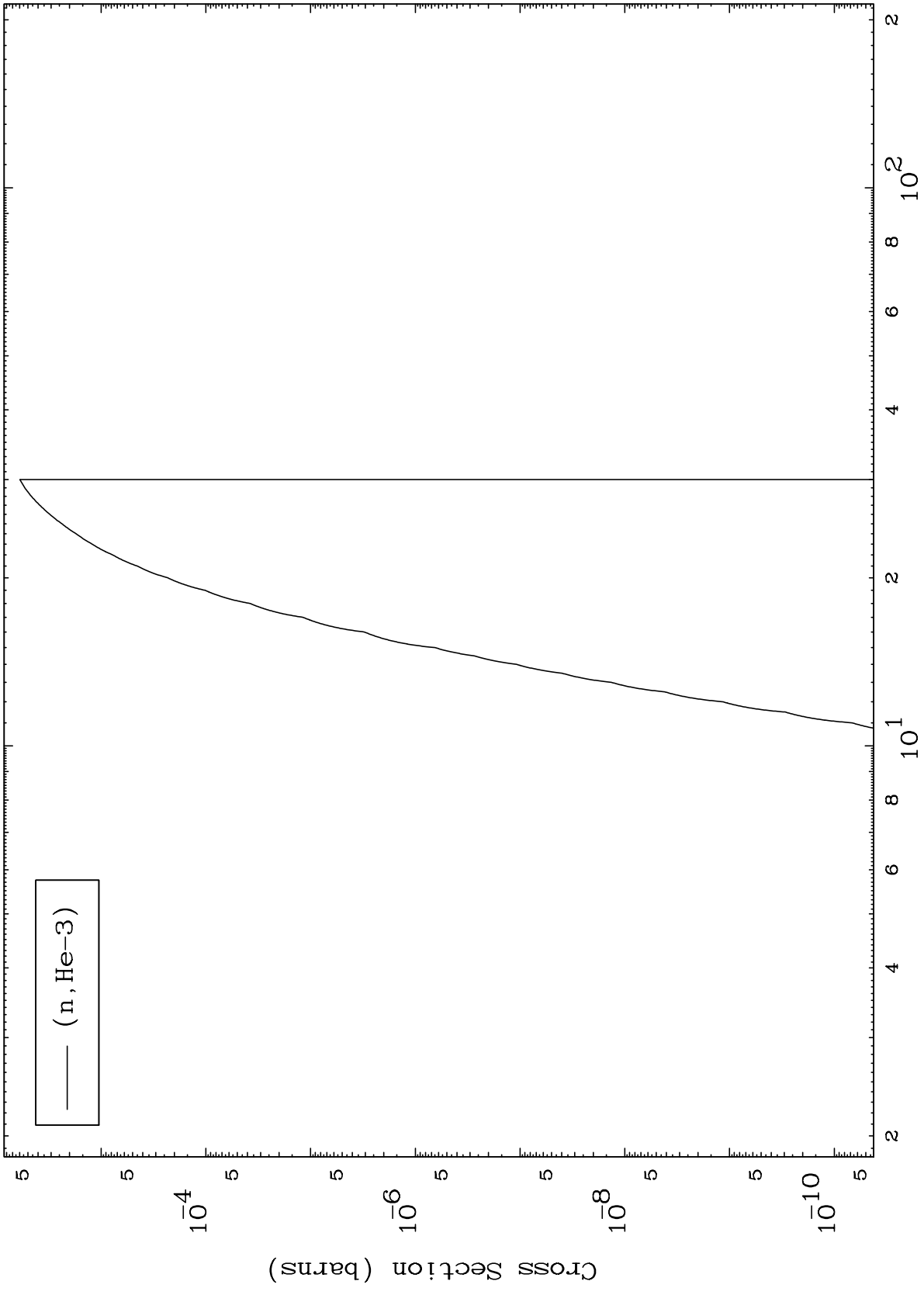
Incident Energy (MeV)

57-La-129

MAT 5698

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-129



12

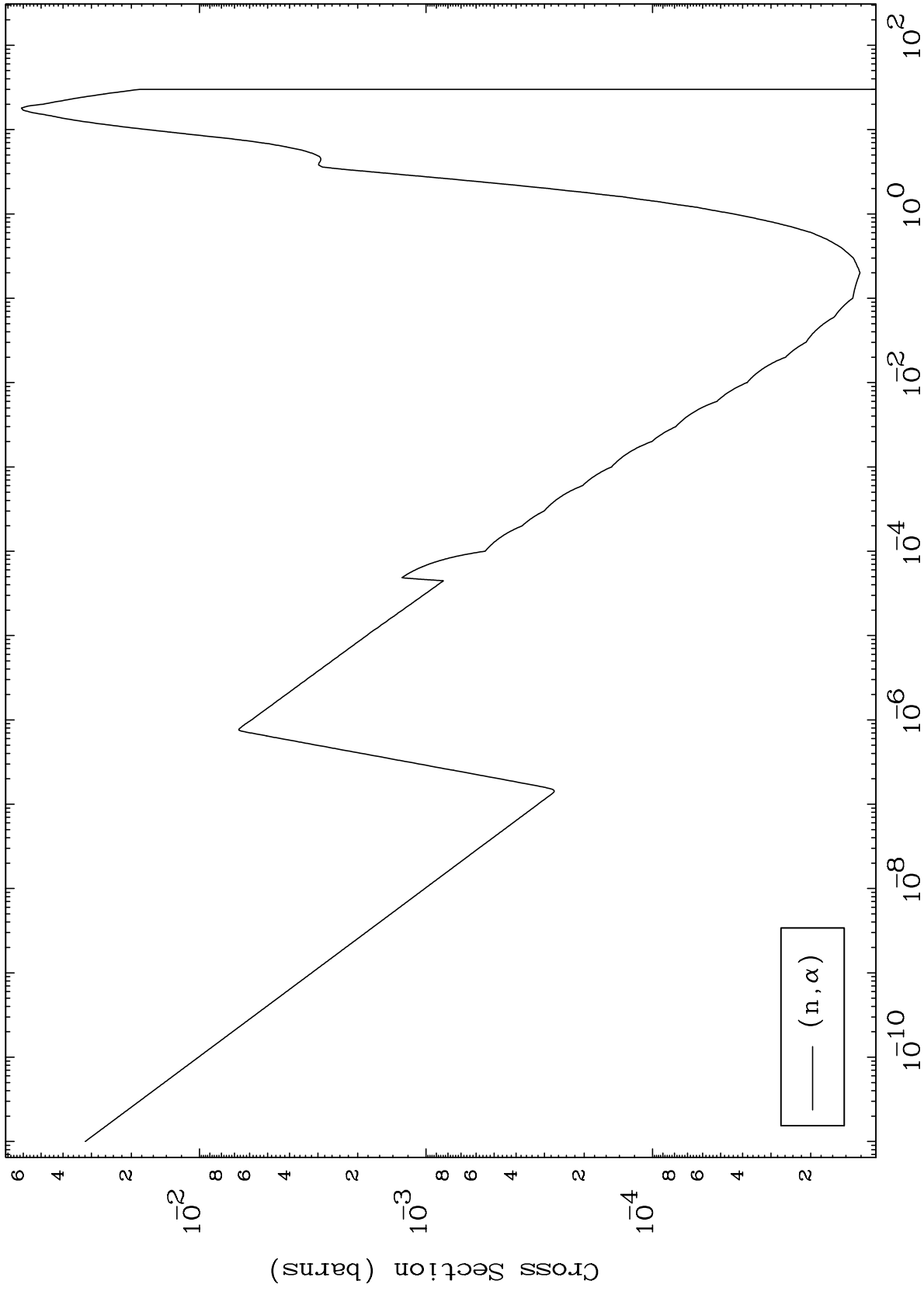
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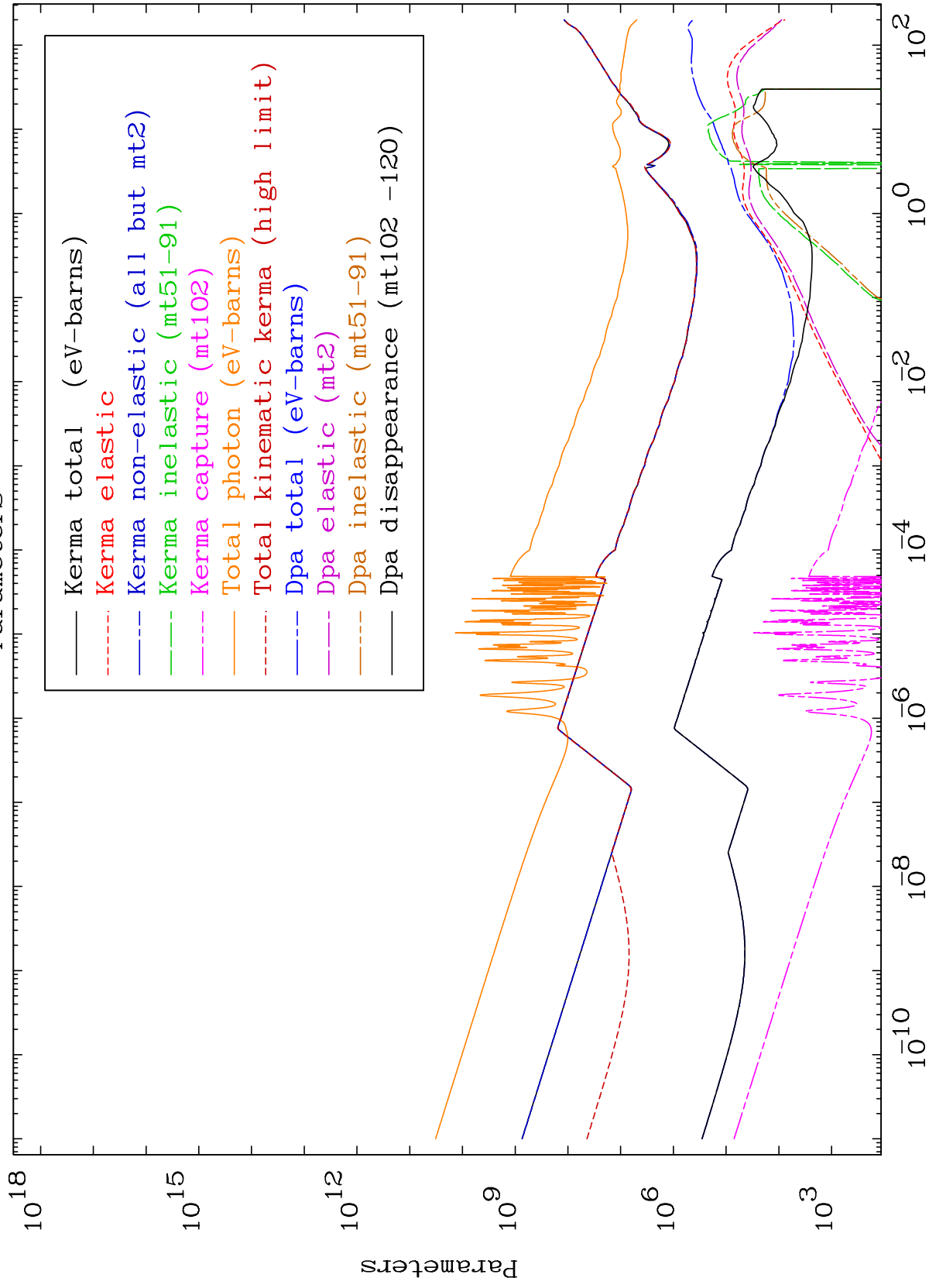
57-La-129

MAT 5698

(n,α) Levels  
293 Kelvin Cross Sections

57-La-129

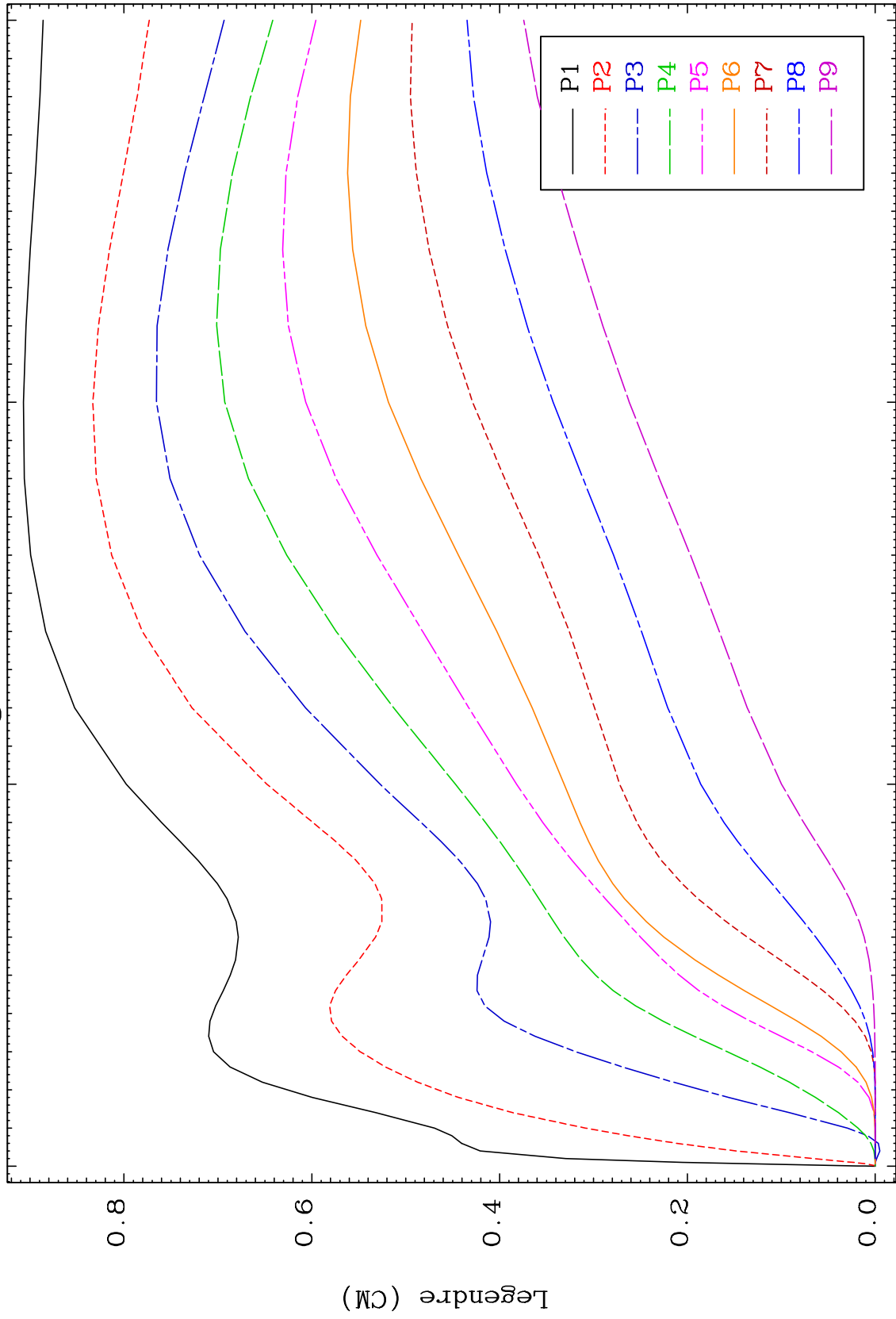




MAT 5698

Elastic Legendre Coefficients

57-La-129



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Incident Energy (MeV)

57-La-129

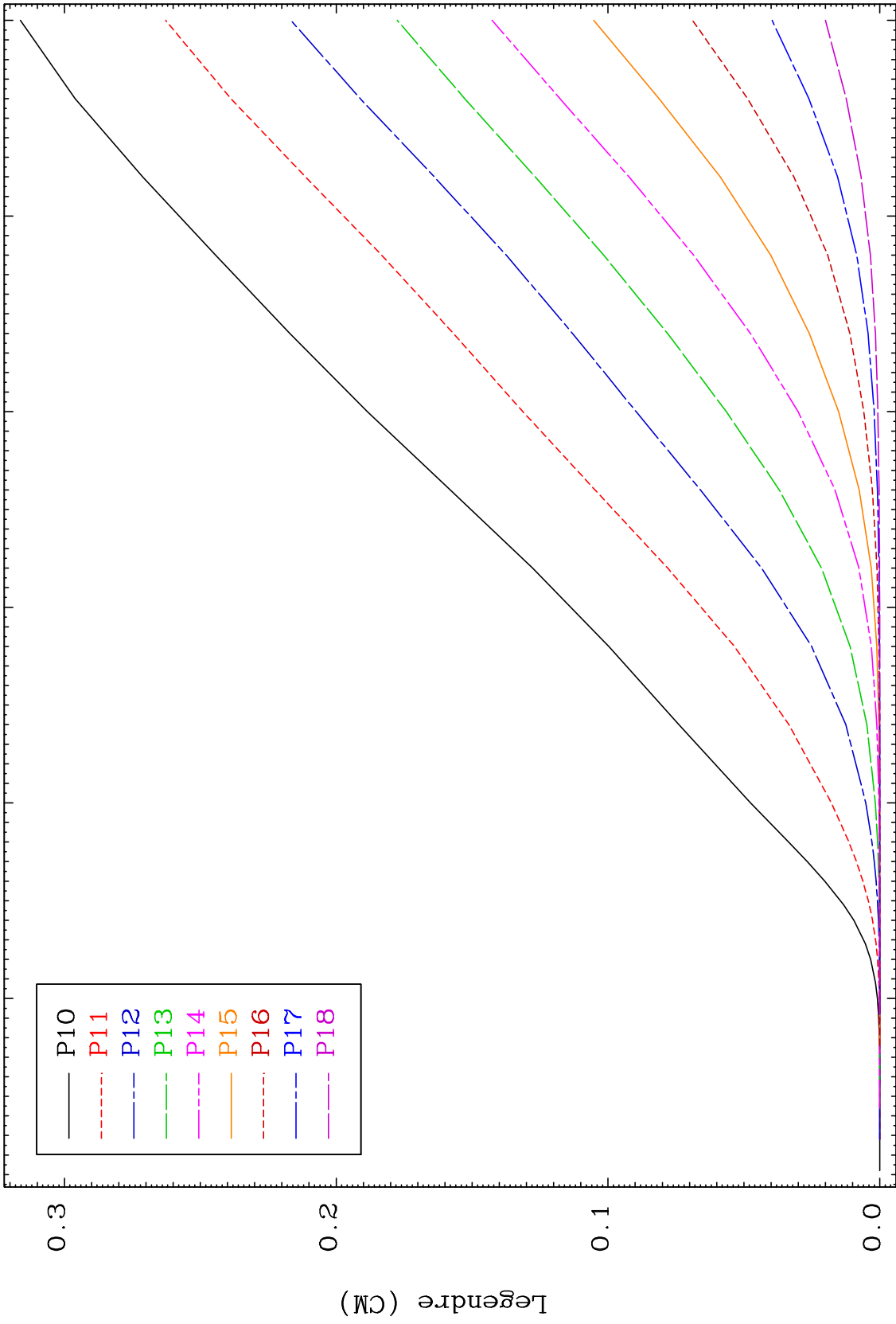
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MAT 5698

Elastic Legendre Coefficients

57-La-129



16

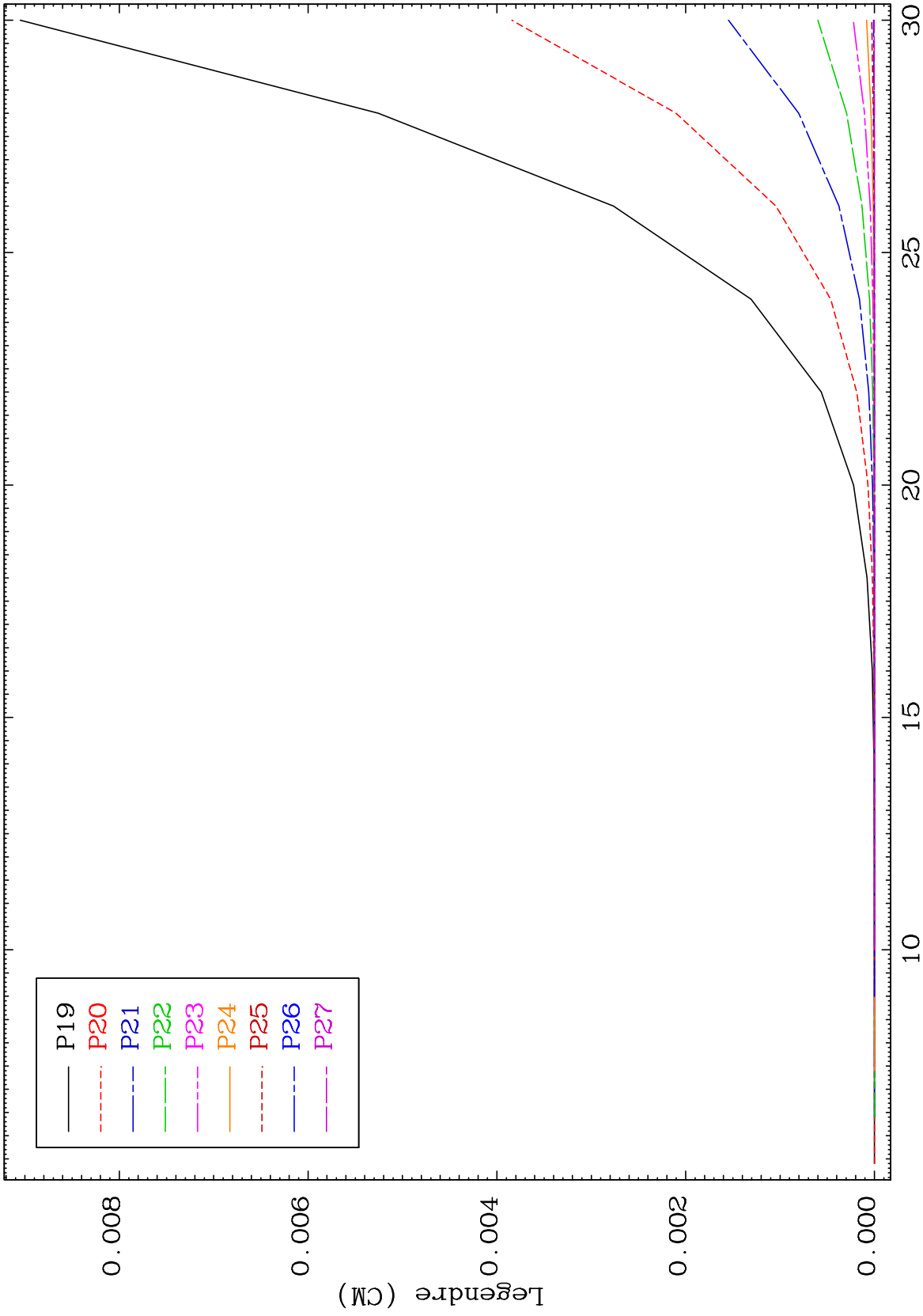
Incident Energy (MeV)

57-La-129

MAT 5698

Elastic Legendre Coefficients

57-La-129



17

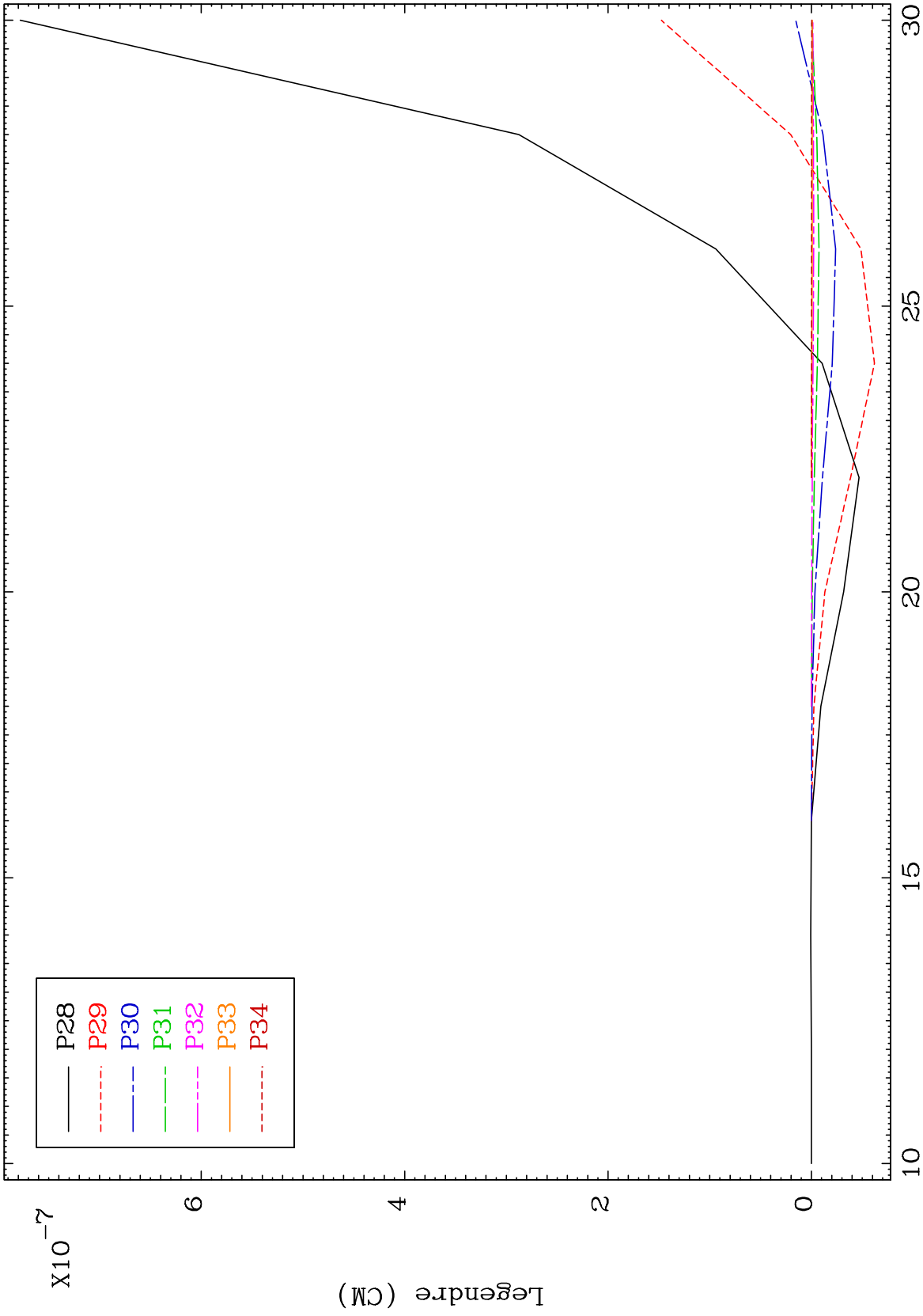
Incident Energy (MeV)

57-La-129

MAT 5698

Elastic Legendre Coefficients

57-La-129



18

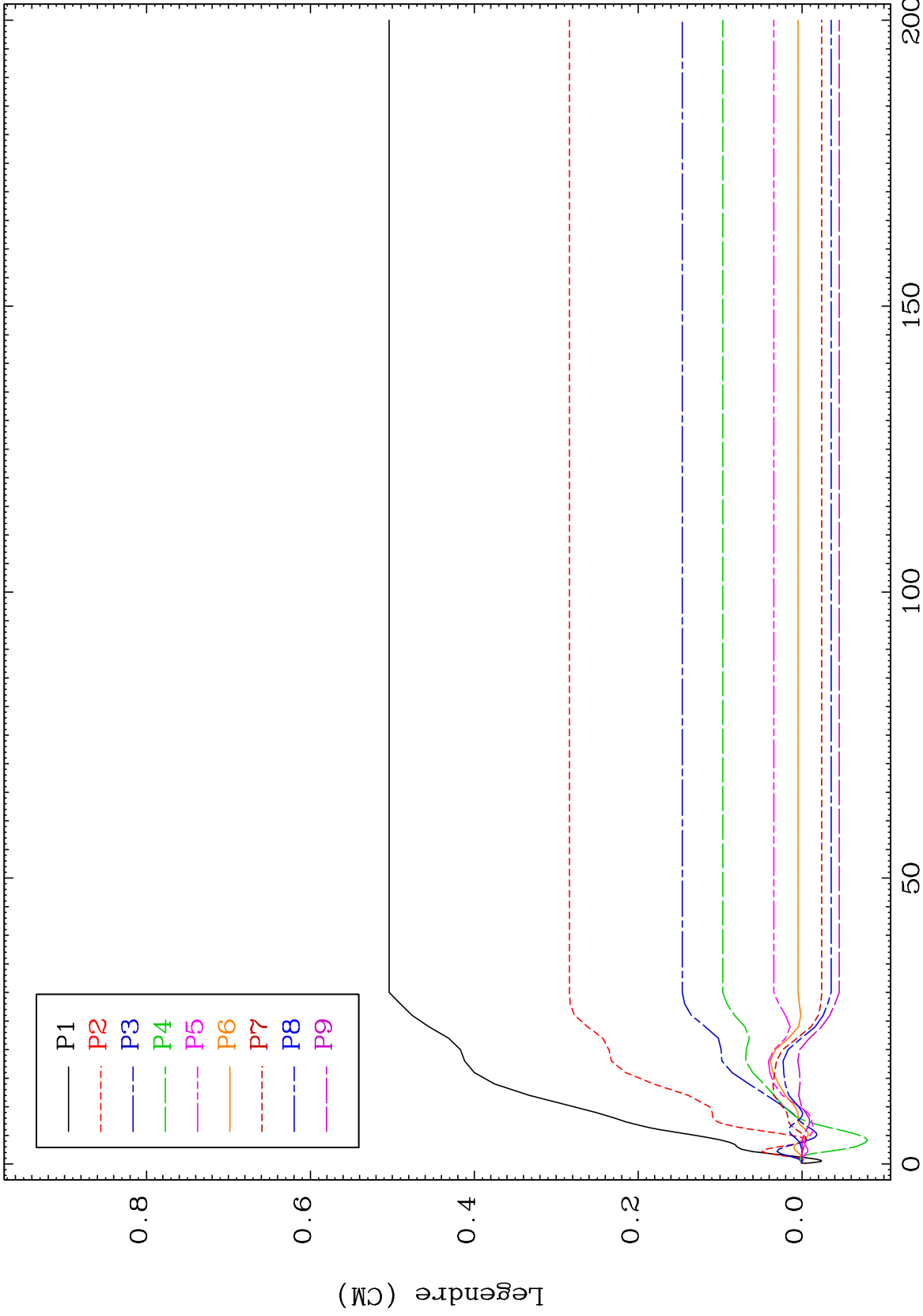
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



19

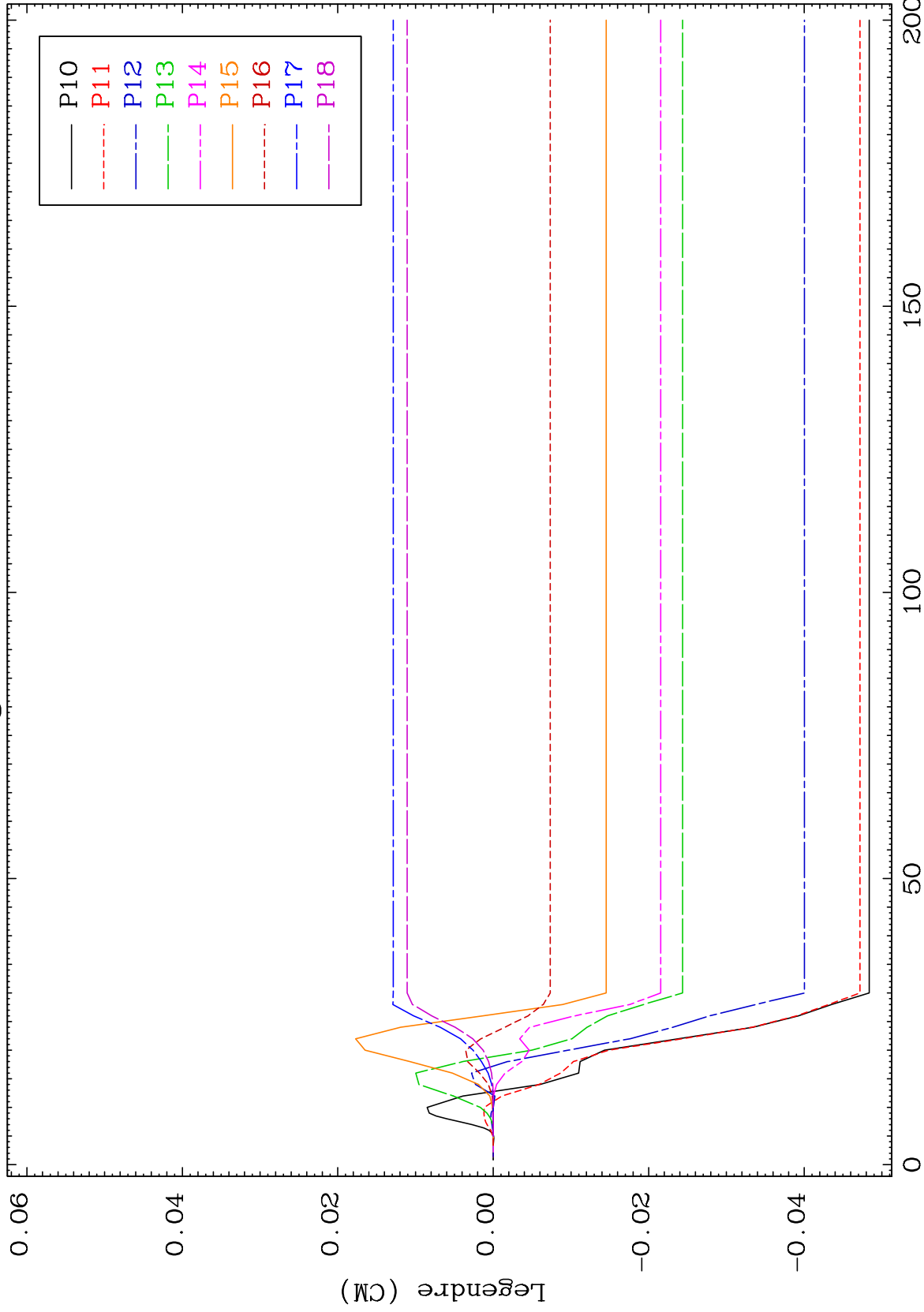
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



0

20

50

100

150

200

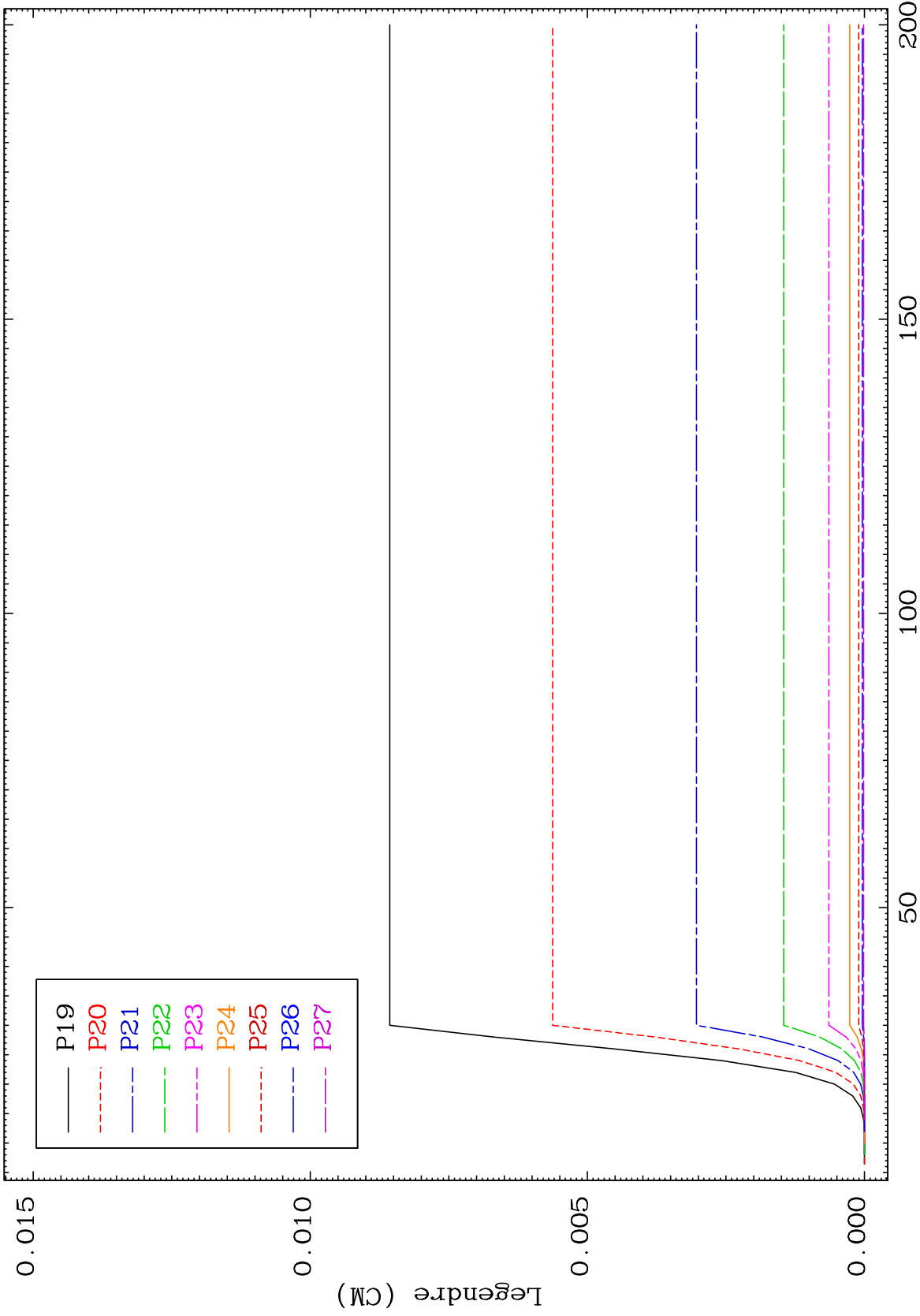
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



21

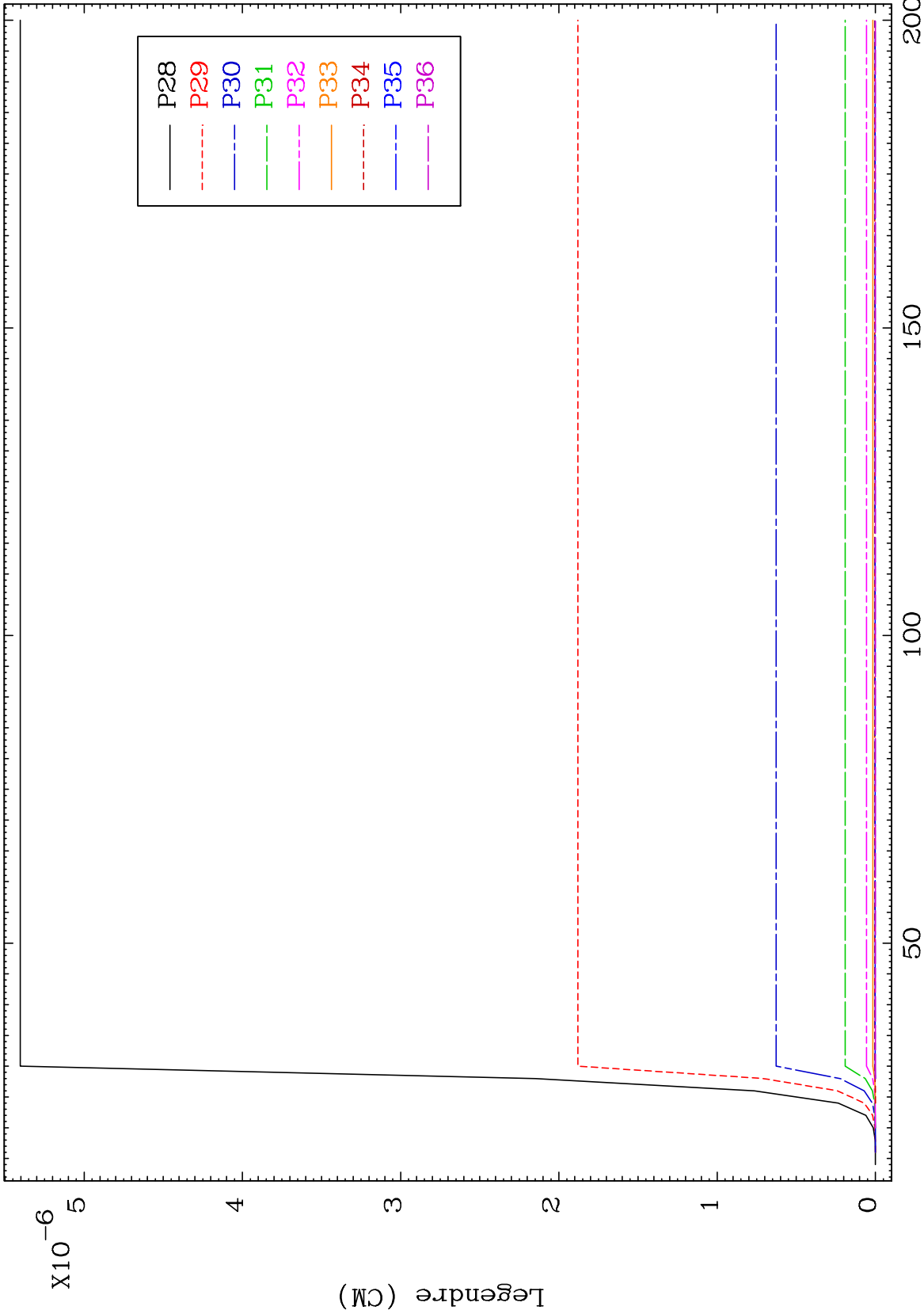
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



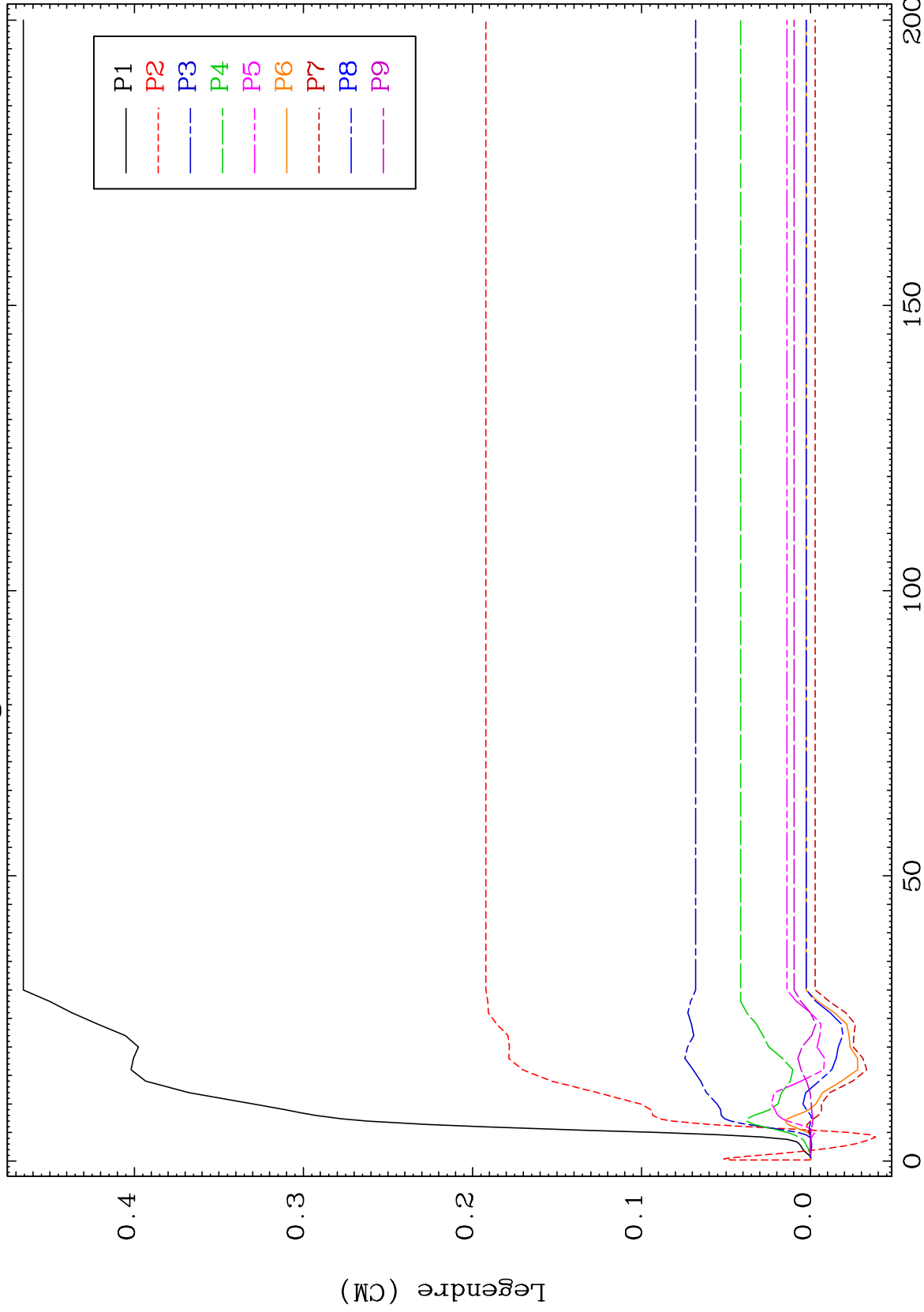
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57-La-129

MAT 5698

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

57-La-129



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Incident Energy (MeV)

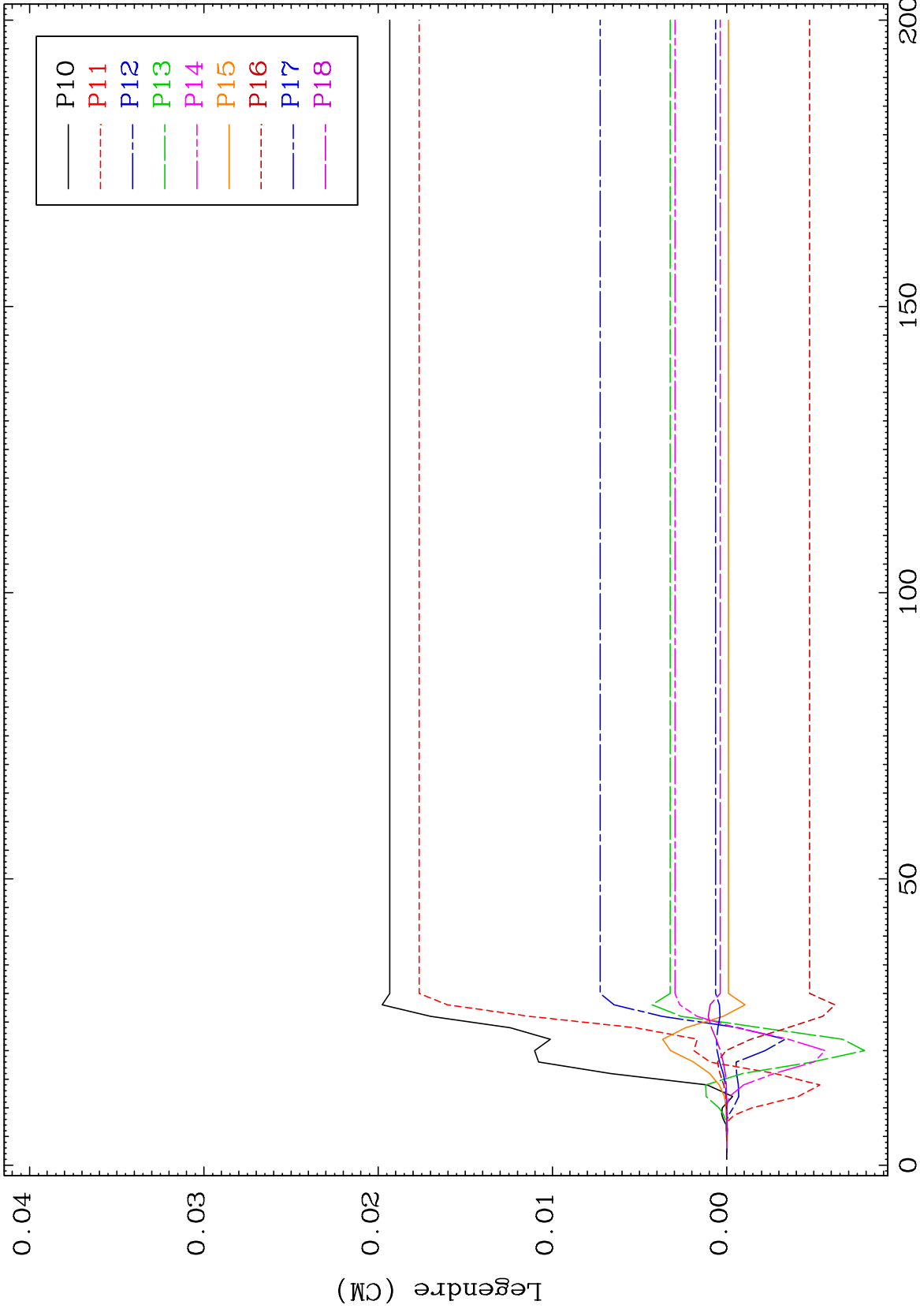
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MAT 5698

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

57-La-129



24

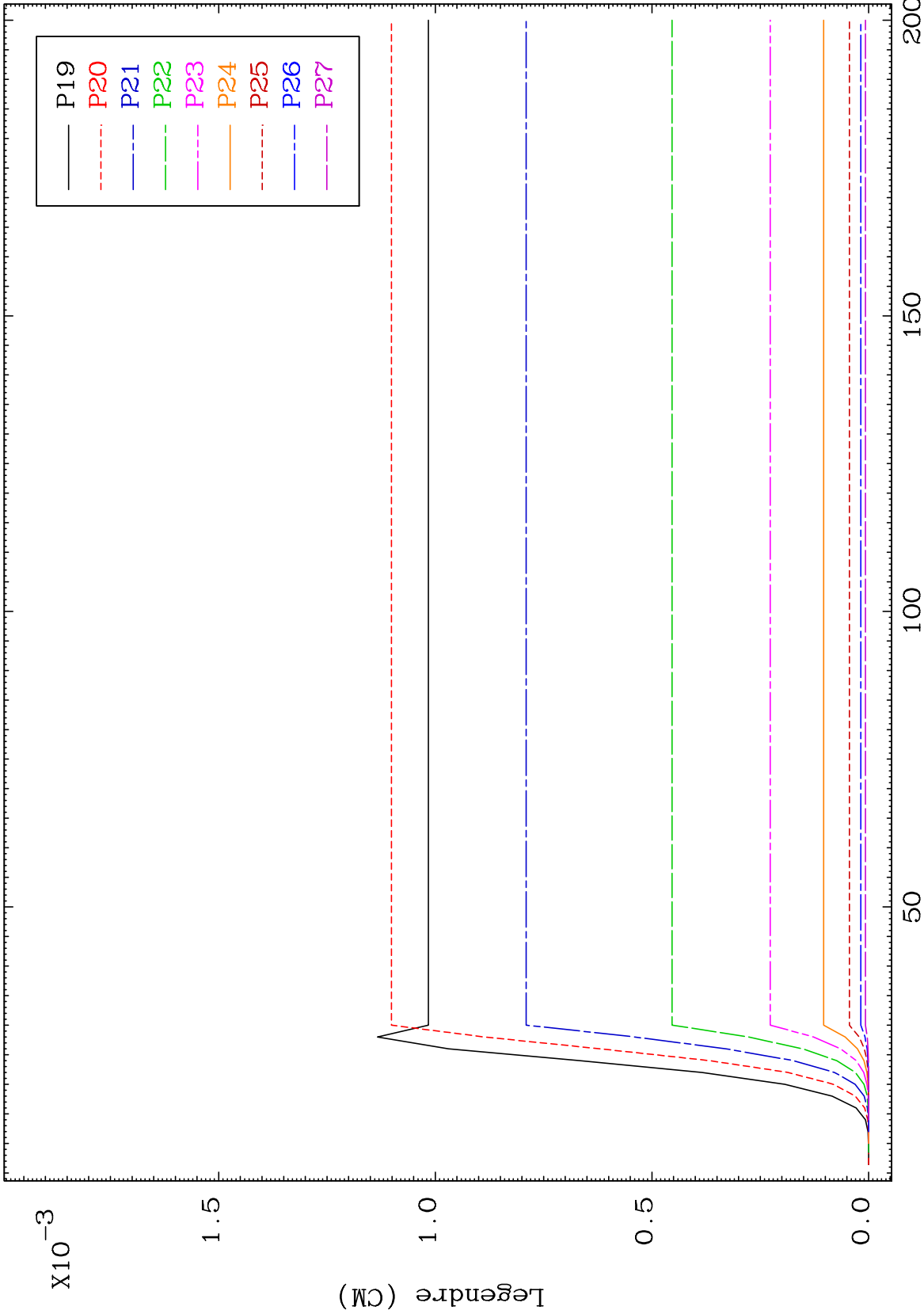
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



25

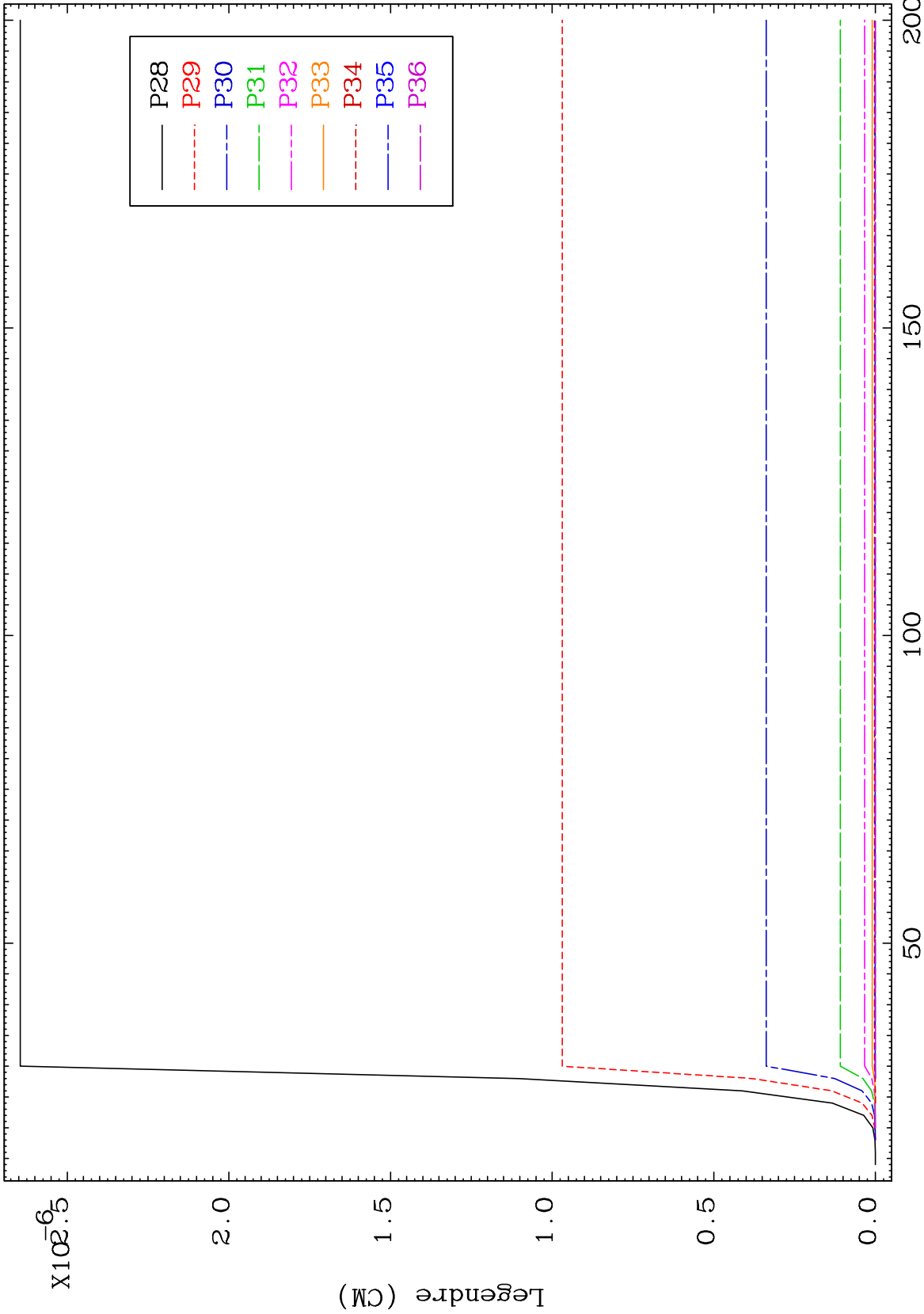
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



26

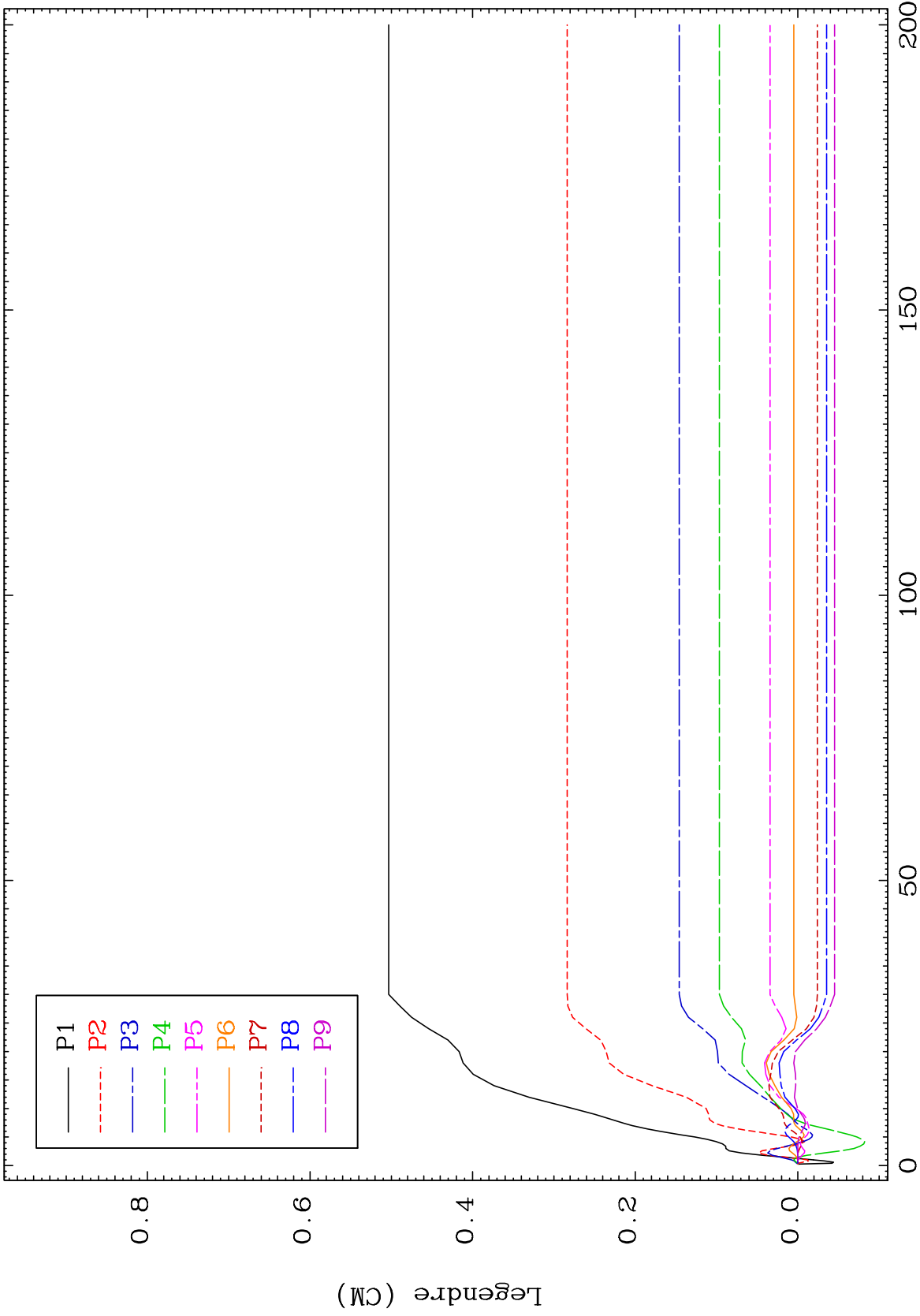
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



27

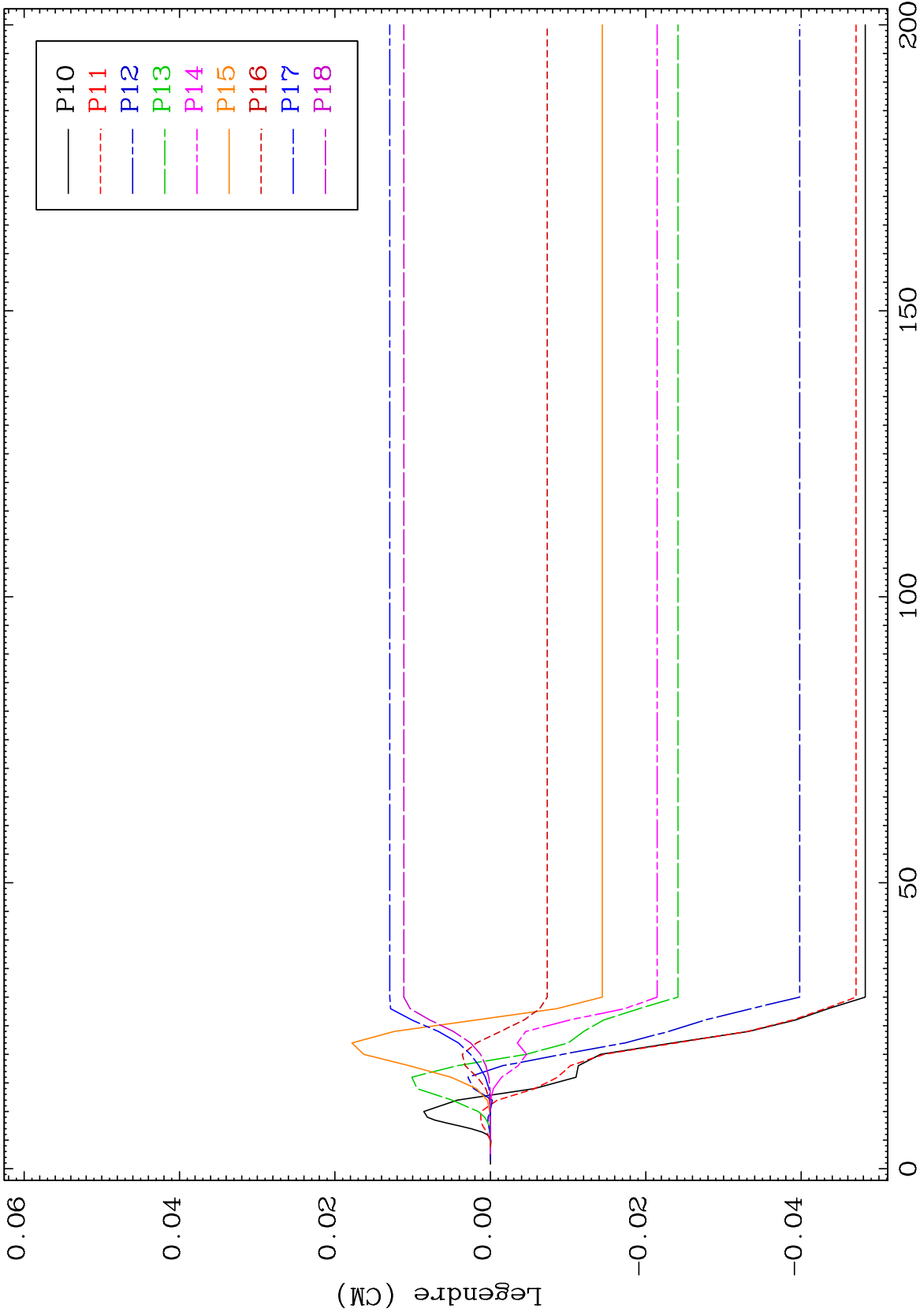
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



28

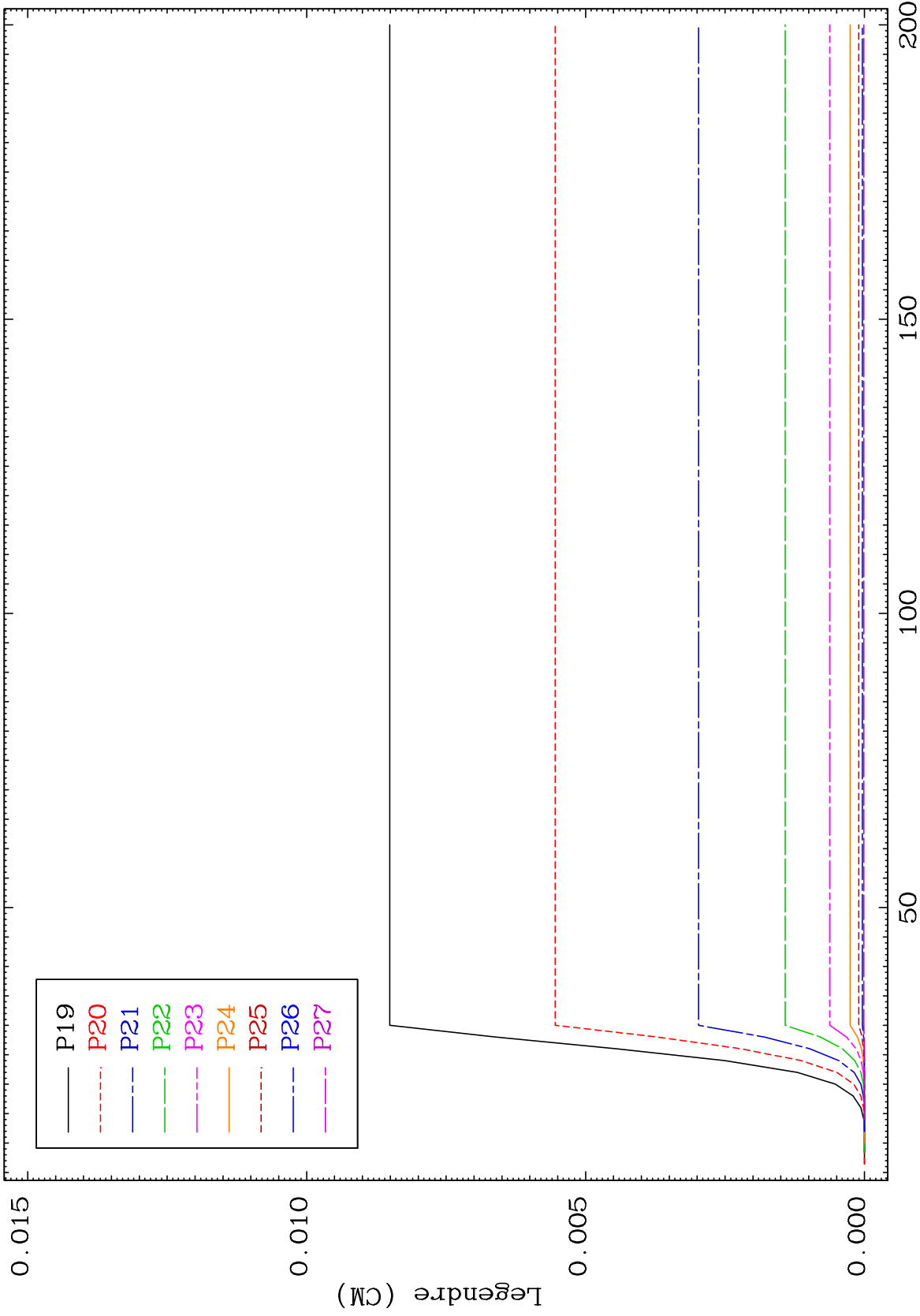
Incident Energy (MeV)

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MAT 5698

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

57-La-129



29

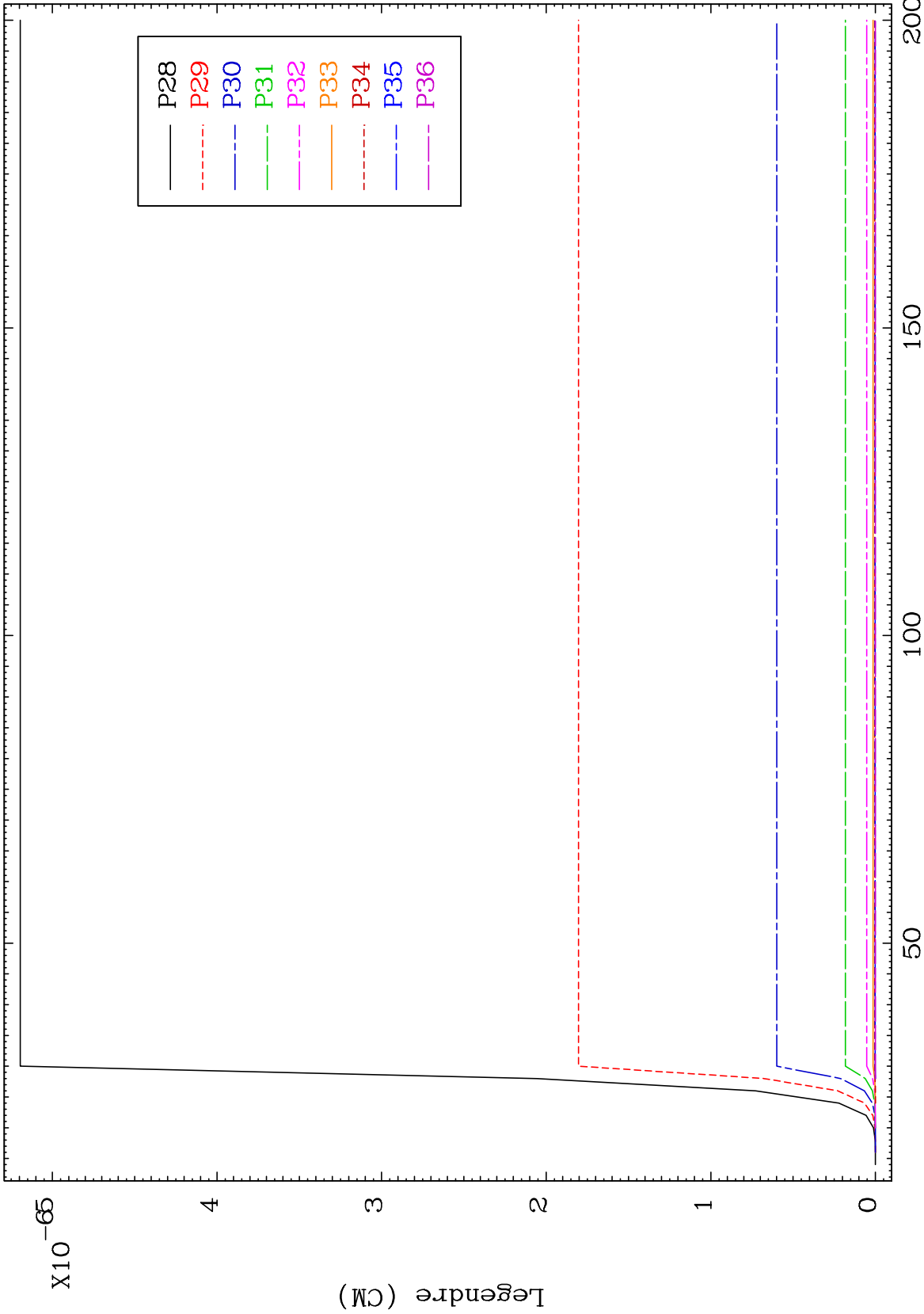
Incident Energy (MeV)

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MAT 5698

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

57-La-129



30

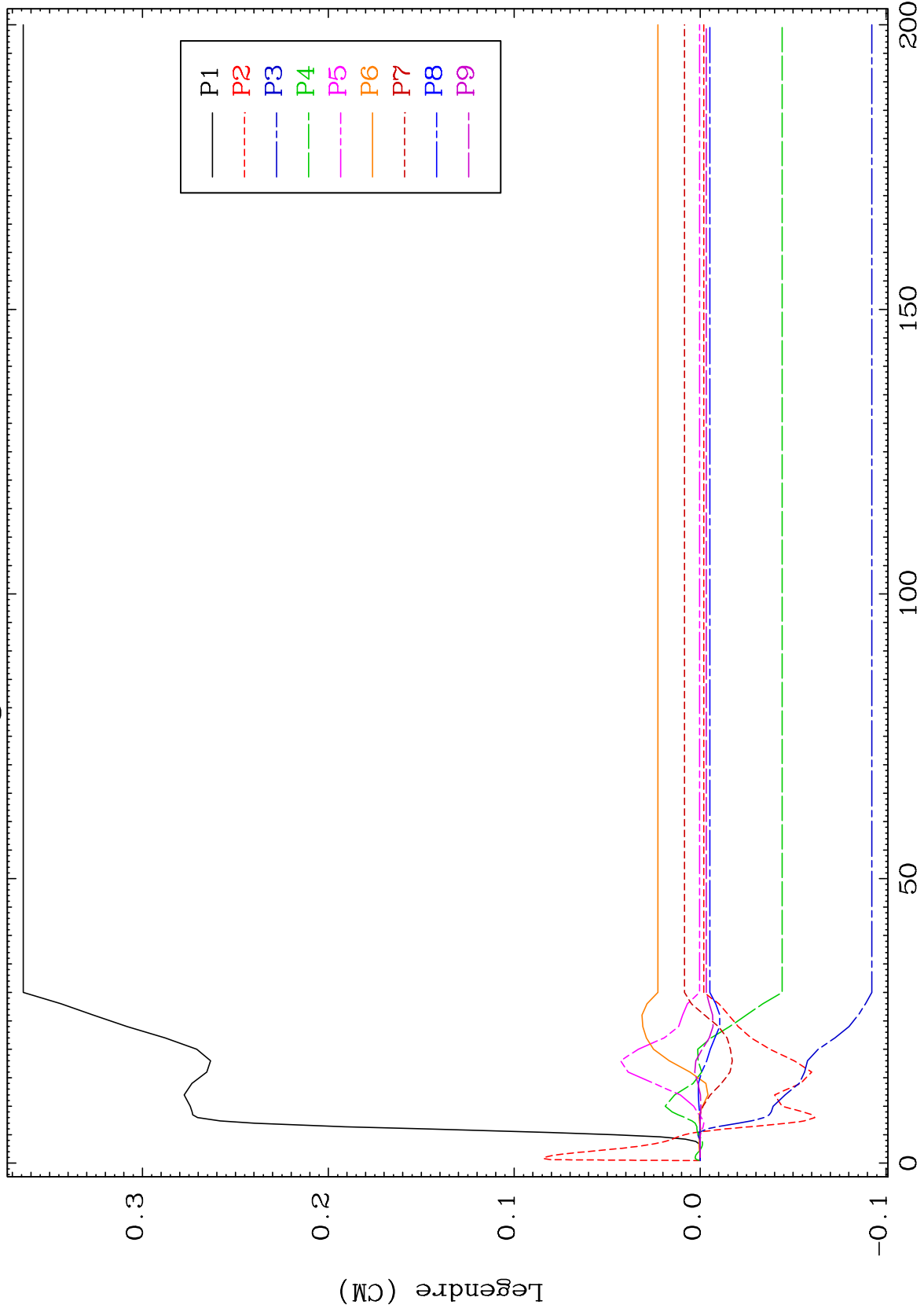
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



31

Incident Energy (MeV)

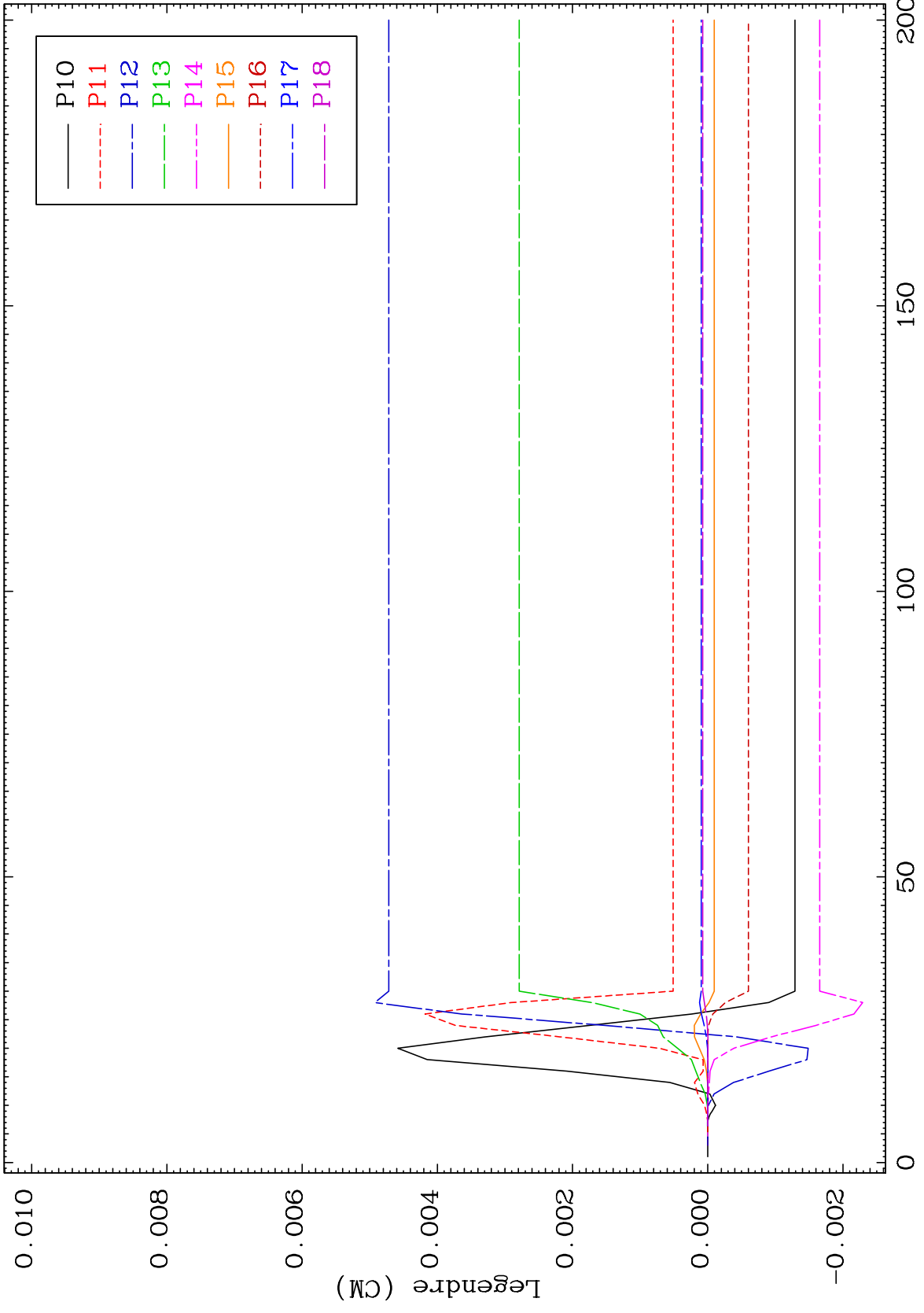
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MAT 5698

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

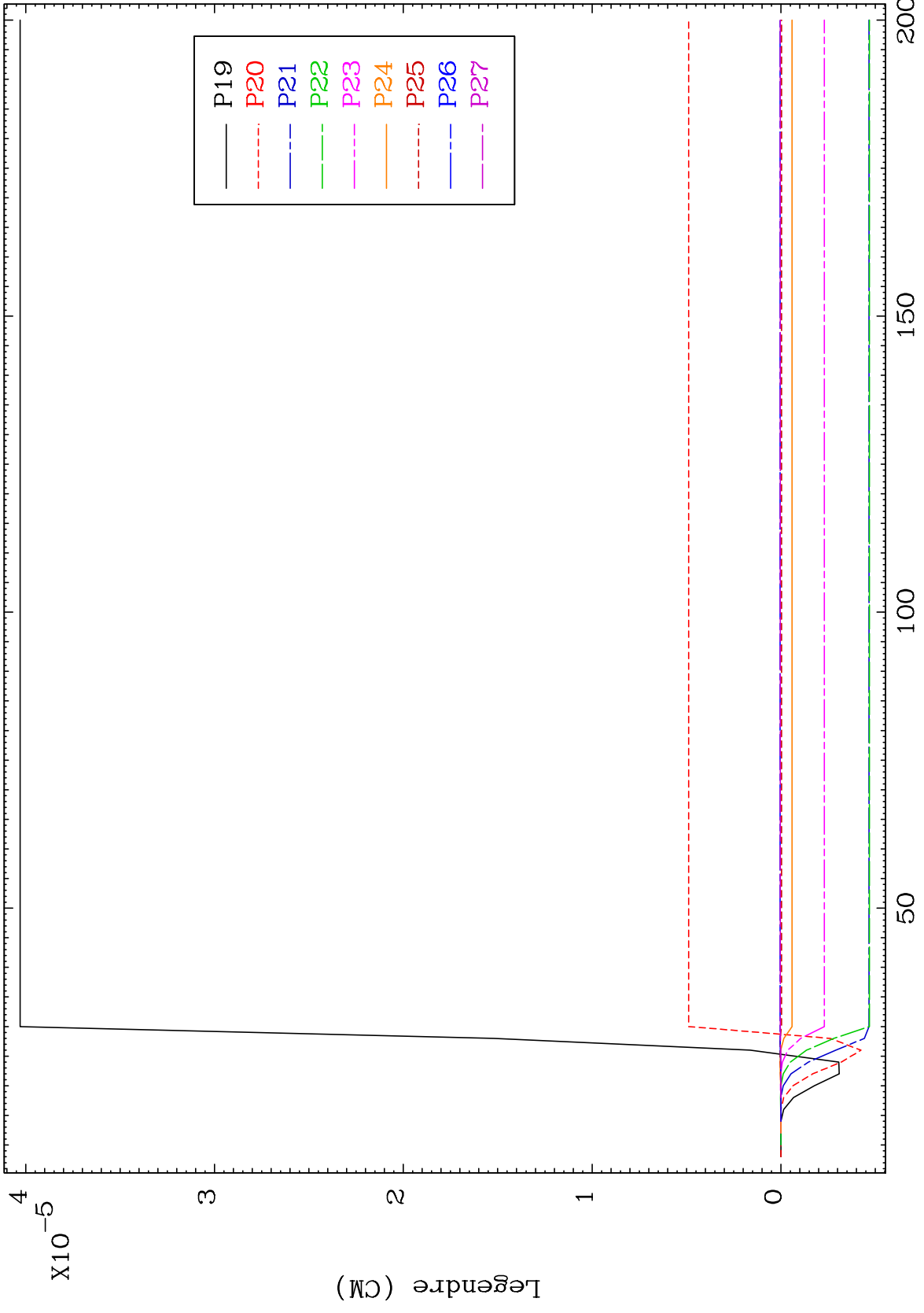
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32

Incident Energy (MeV)

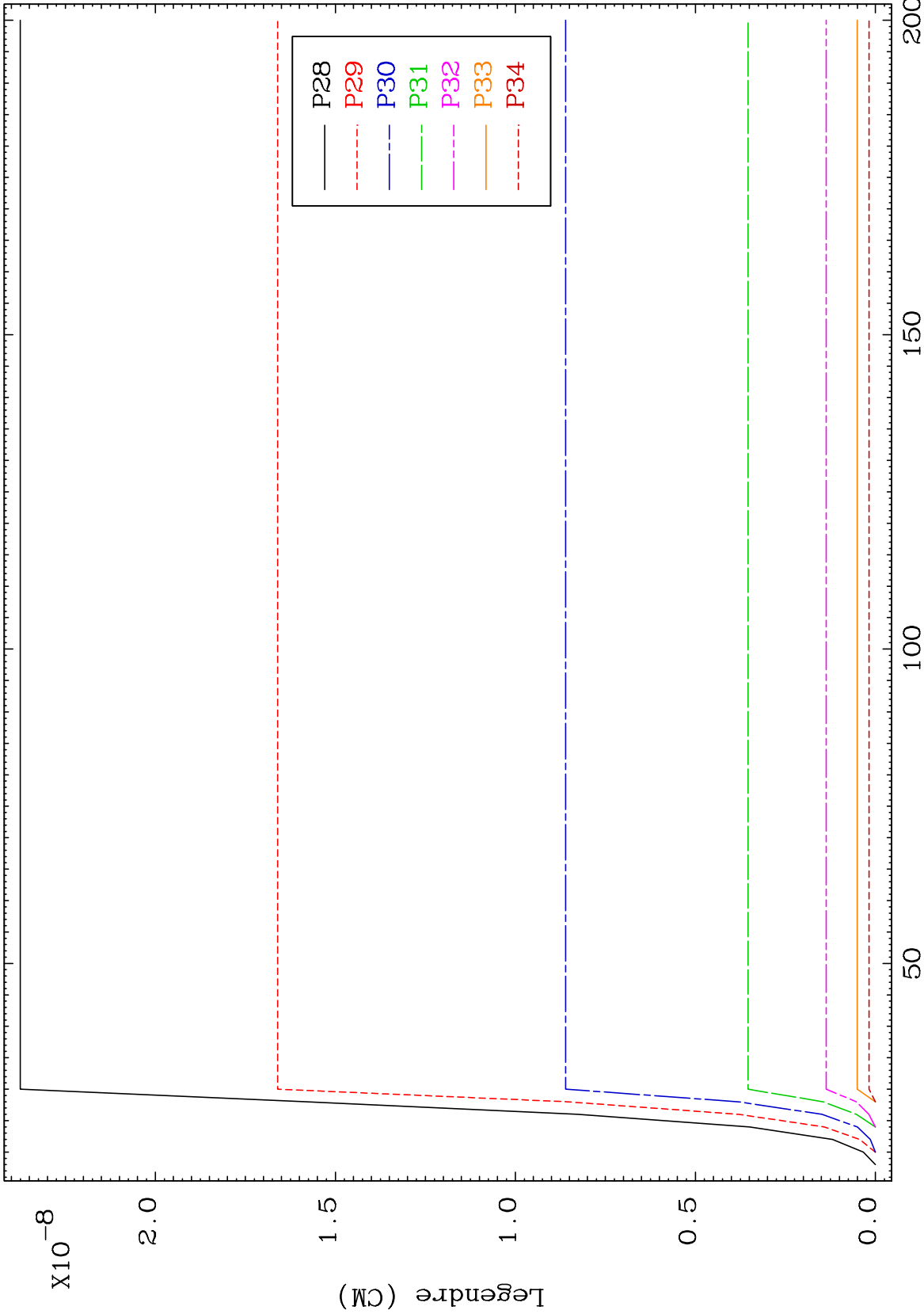
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MAT 5698

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

57-La-129



34

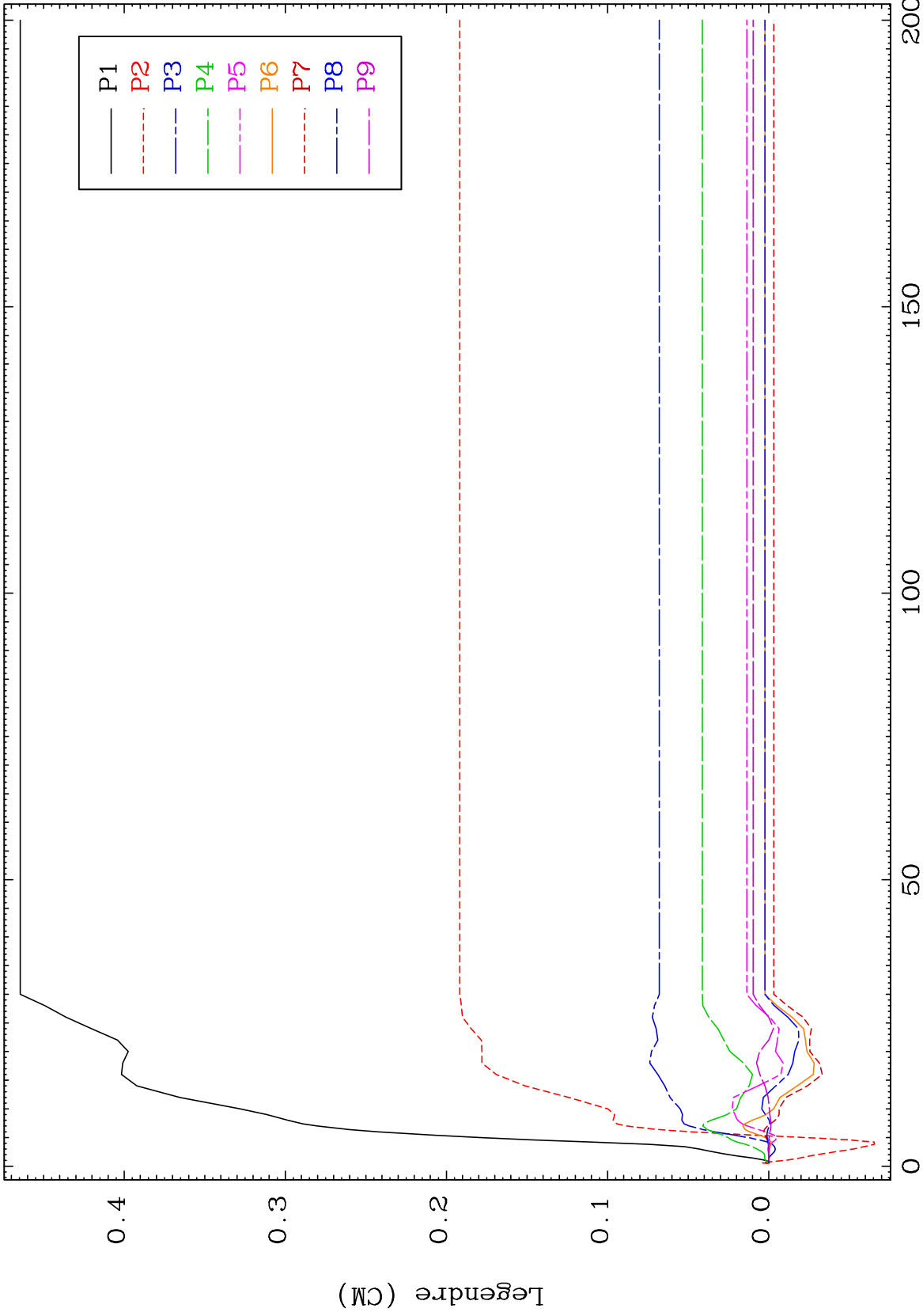
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



35

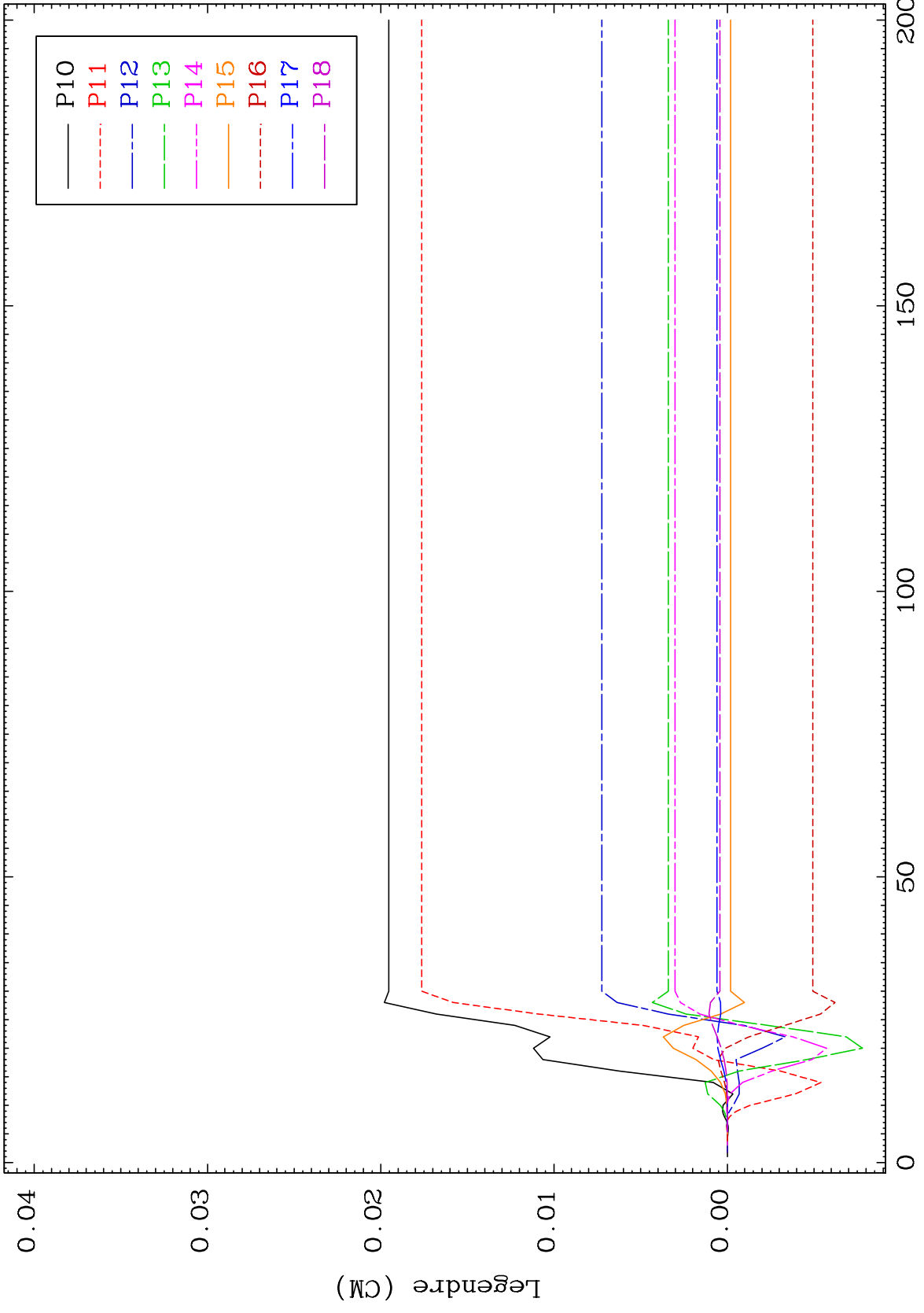
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



36

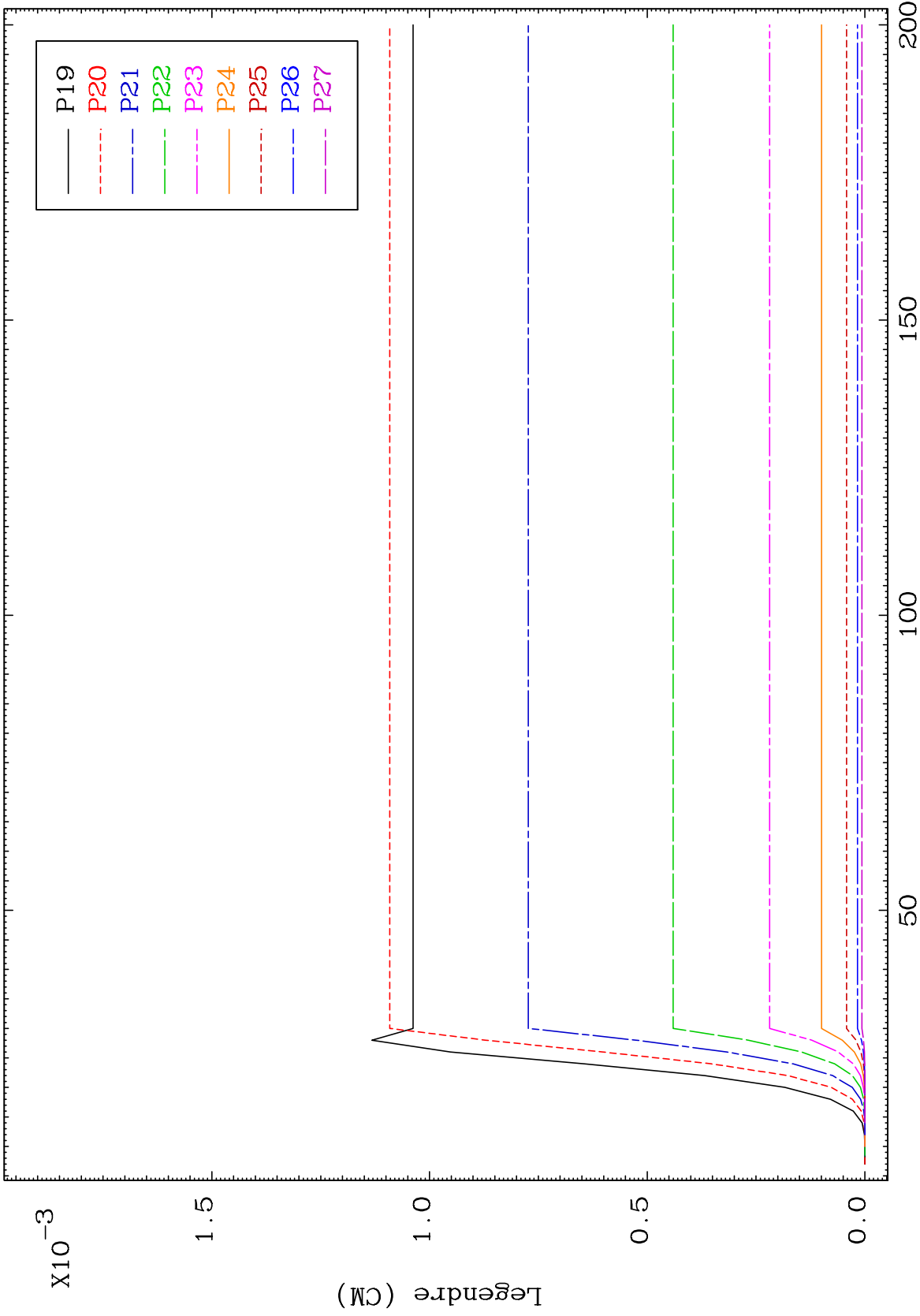
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



37

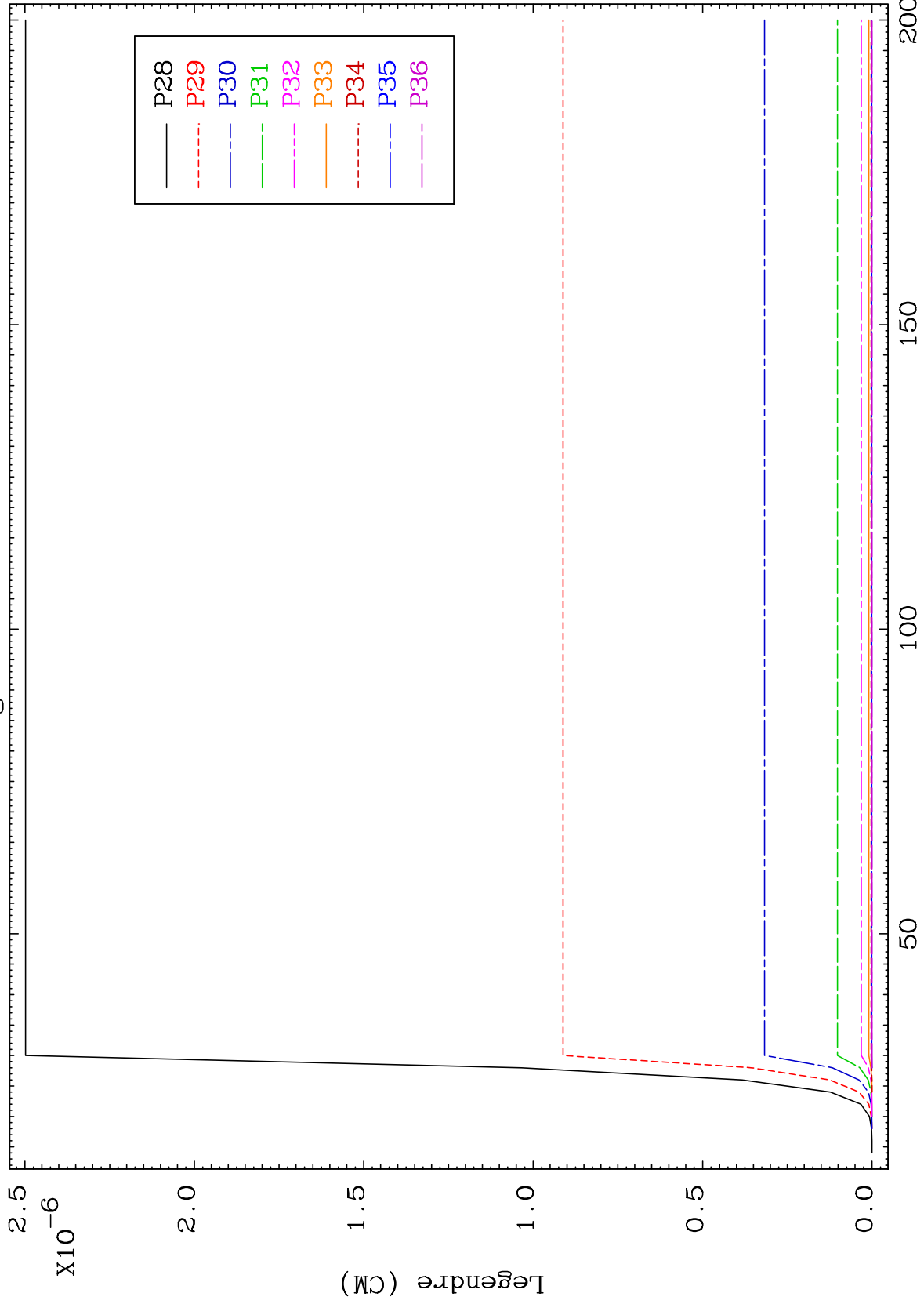
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



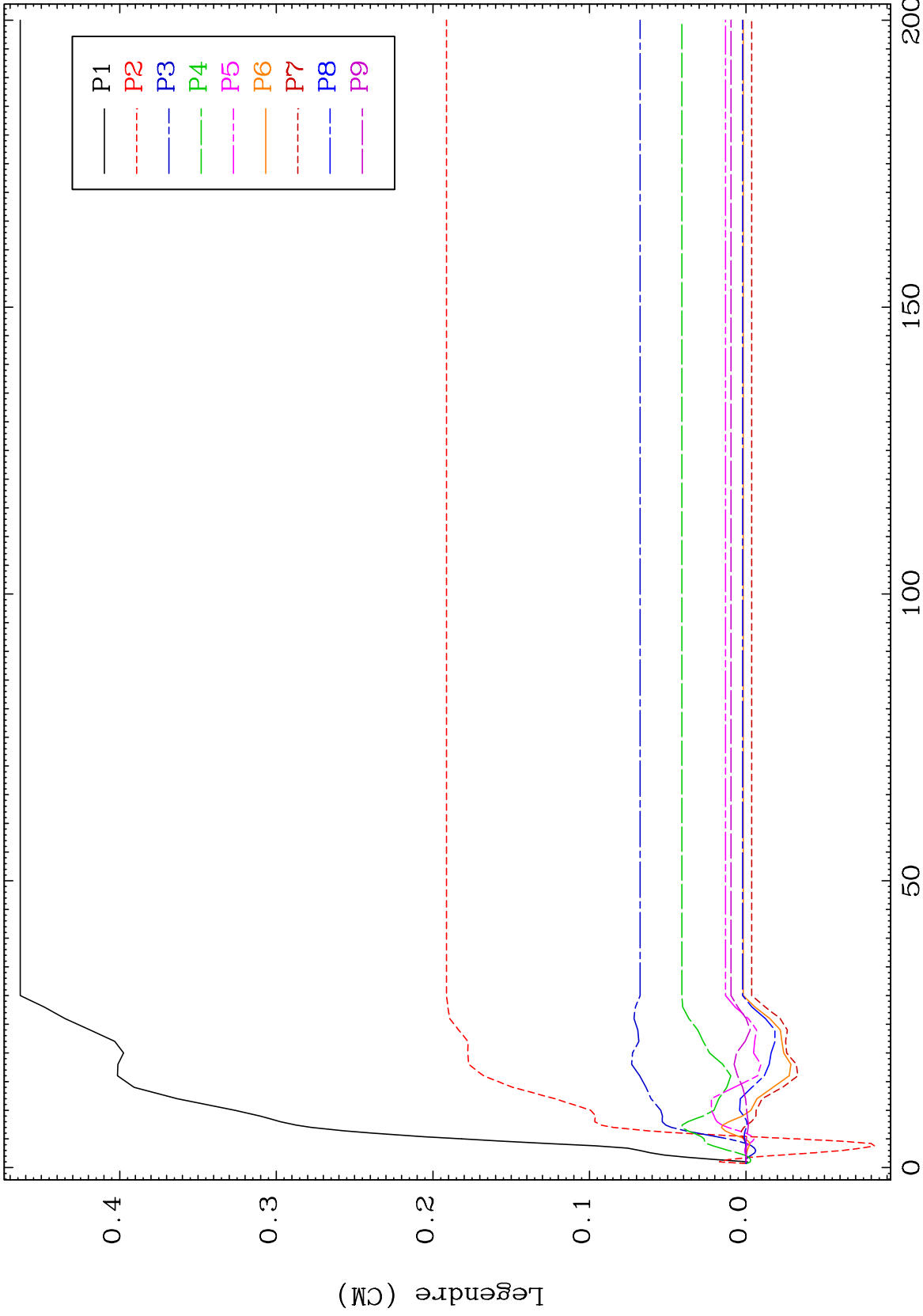
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57-La-129

MAT 5698

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

57-La-129



39

Incident Energy (MeV)

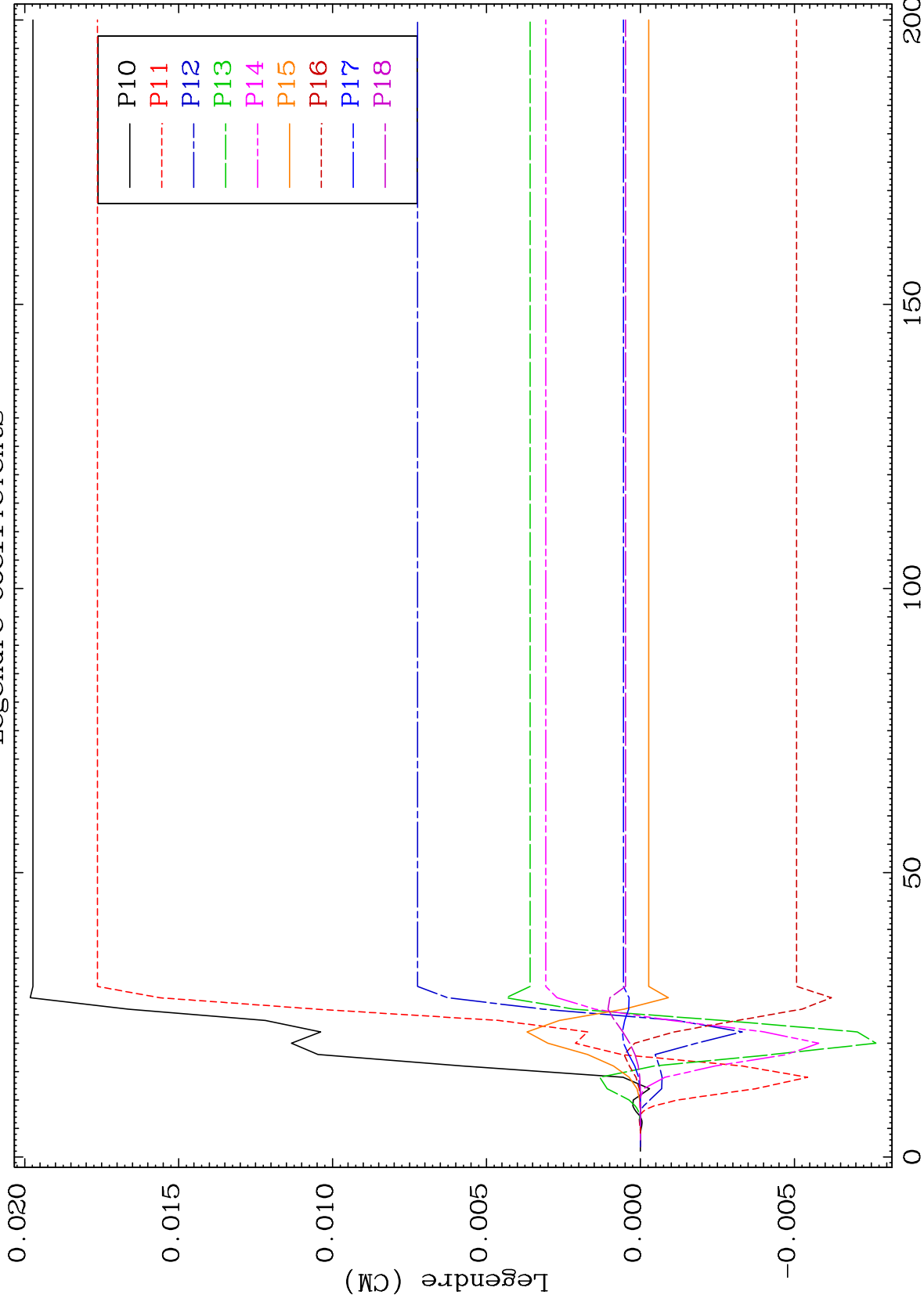
57-La-129



MAT 5698

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

57-La-129



40

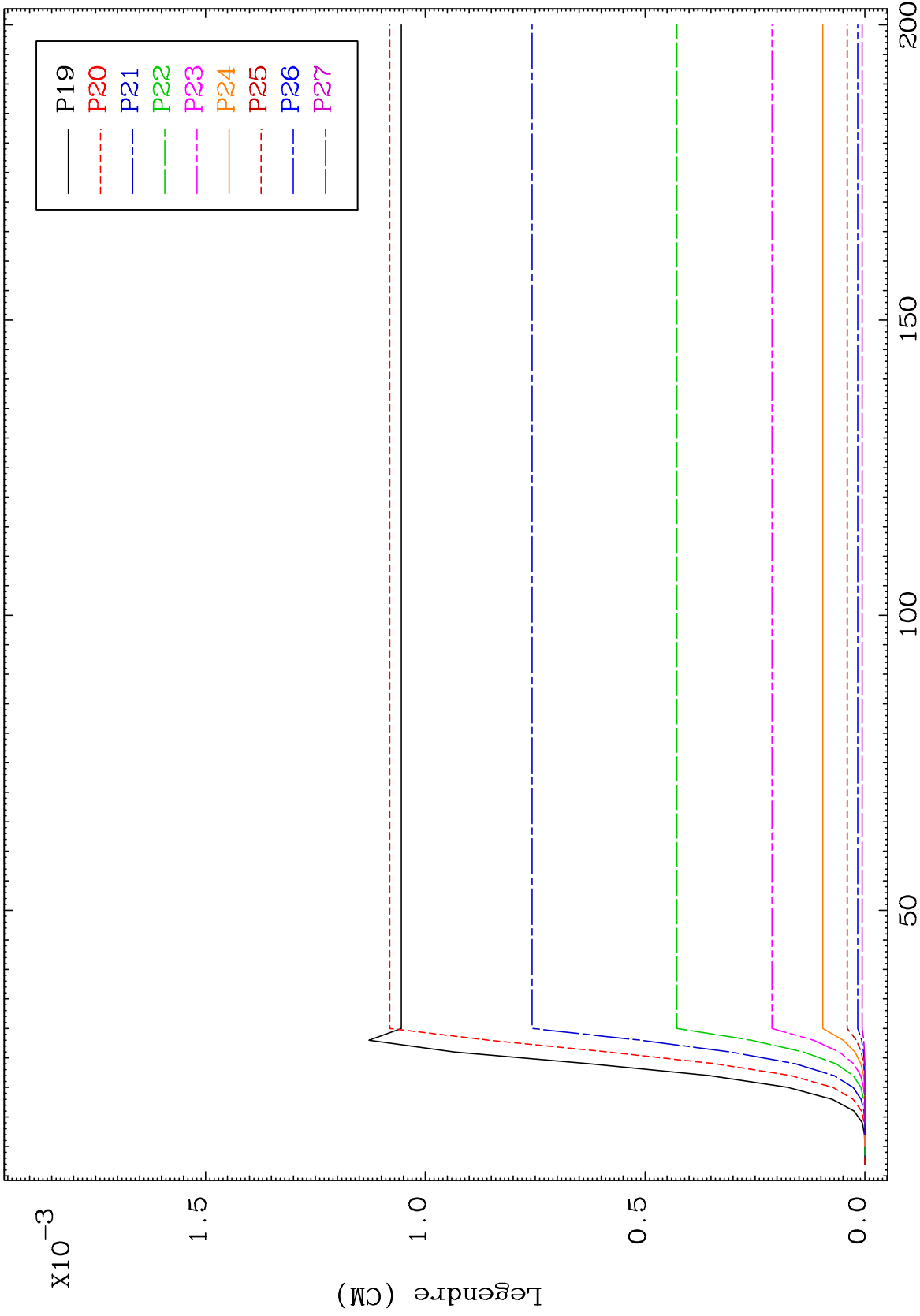
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



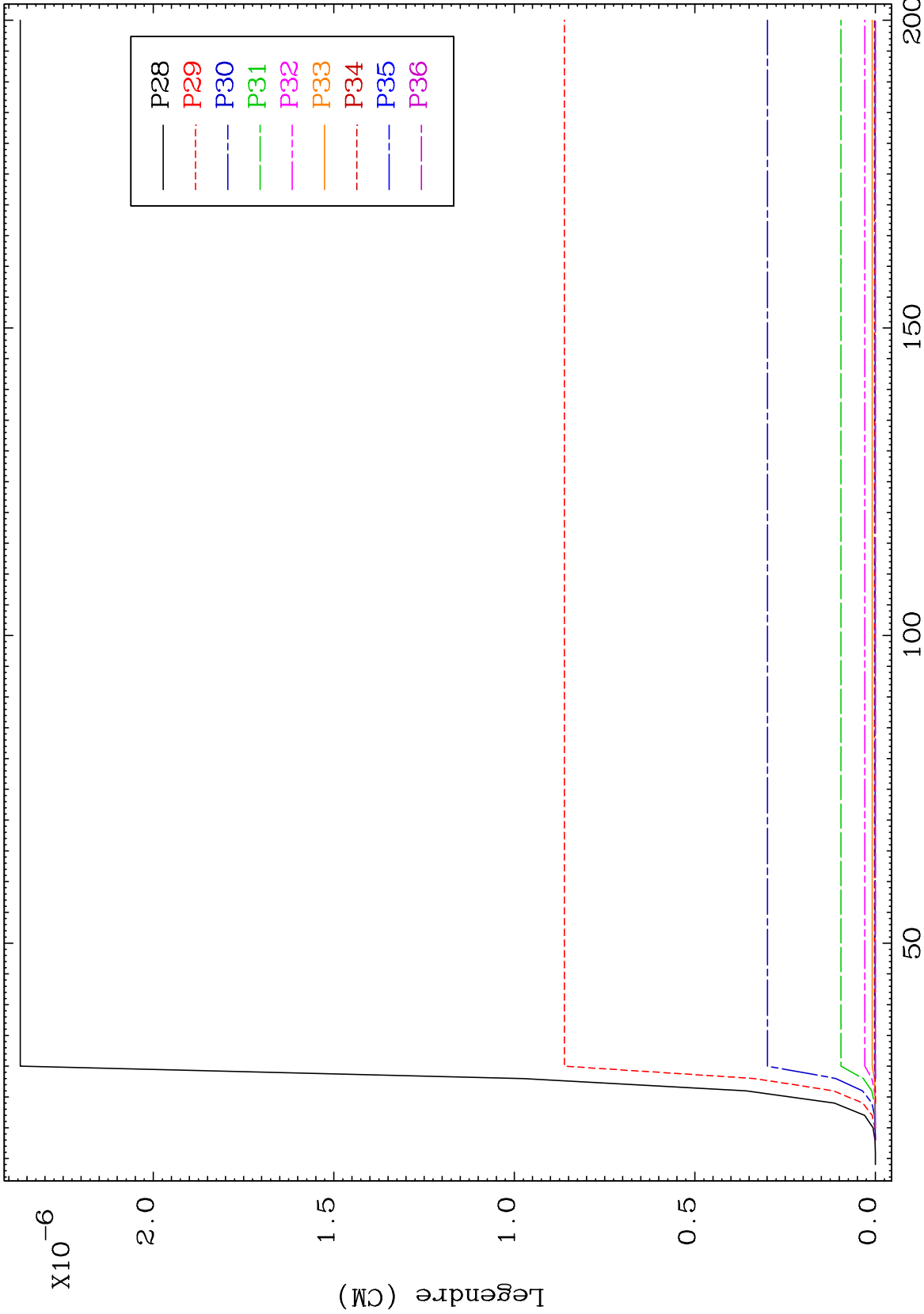
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57-La-129

MAT 5698

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

57-La-129



42

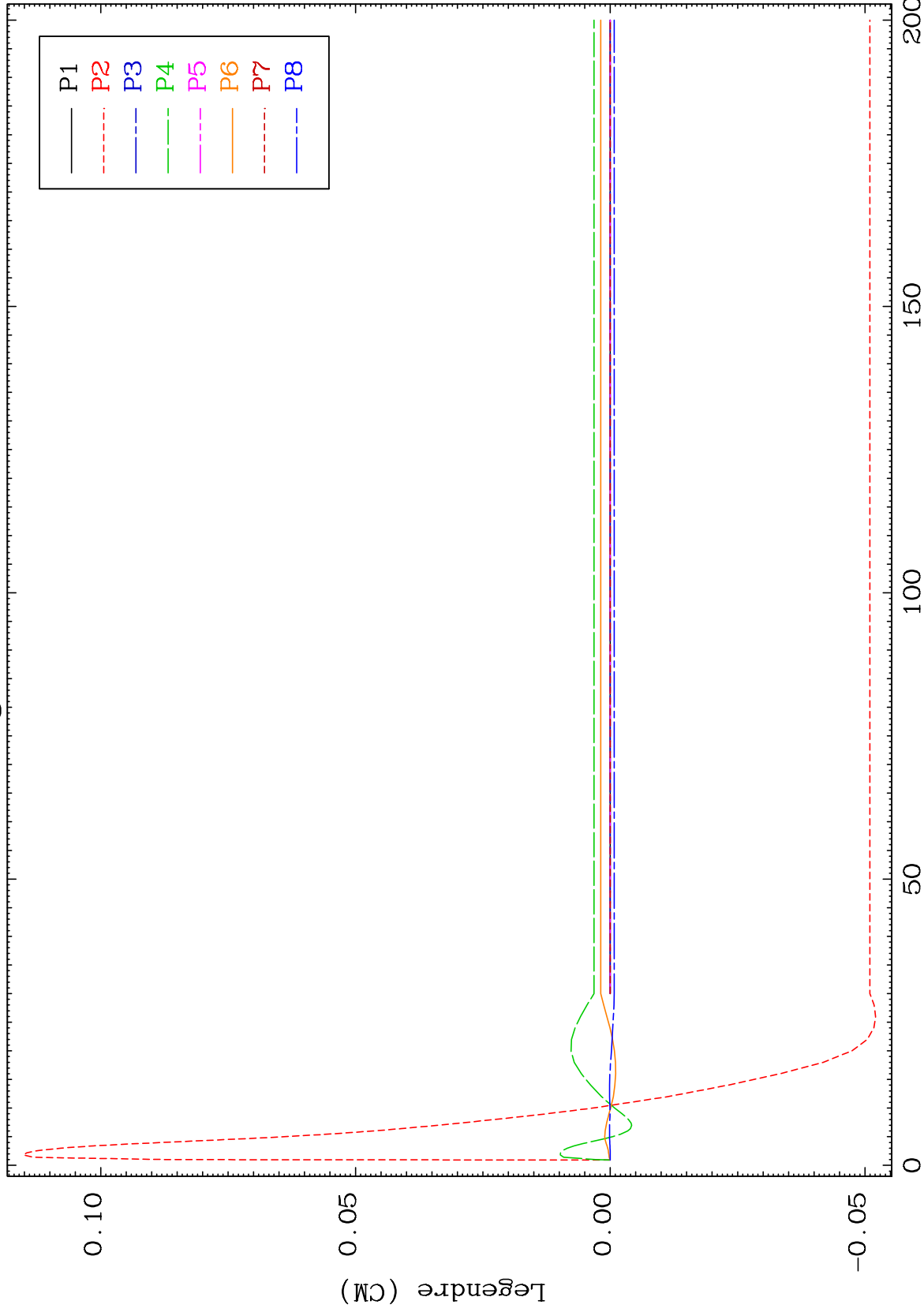
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



43

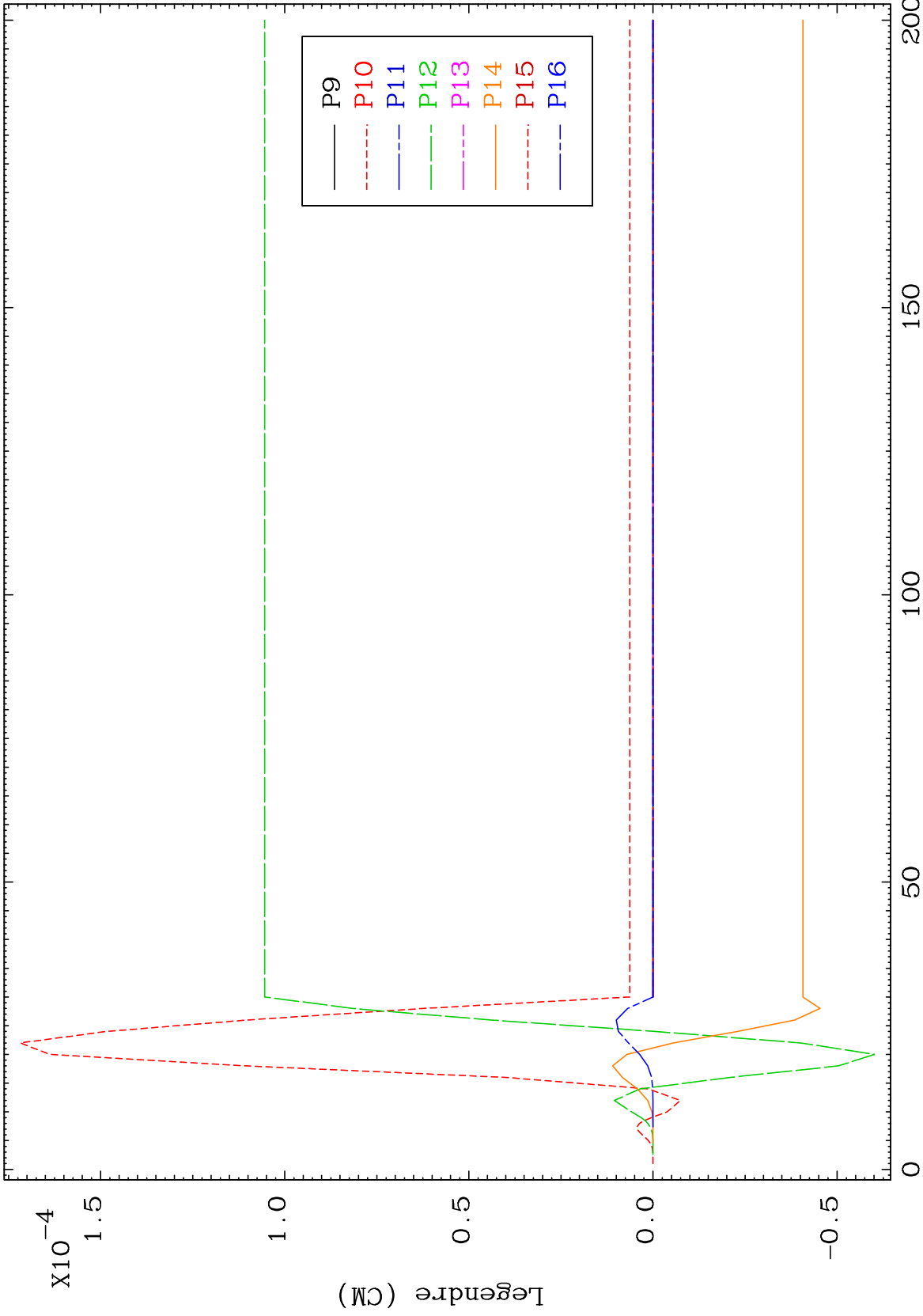
Incident Energy (MeV)

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MAT 5698

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

57-La-129

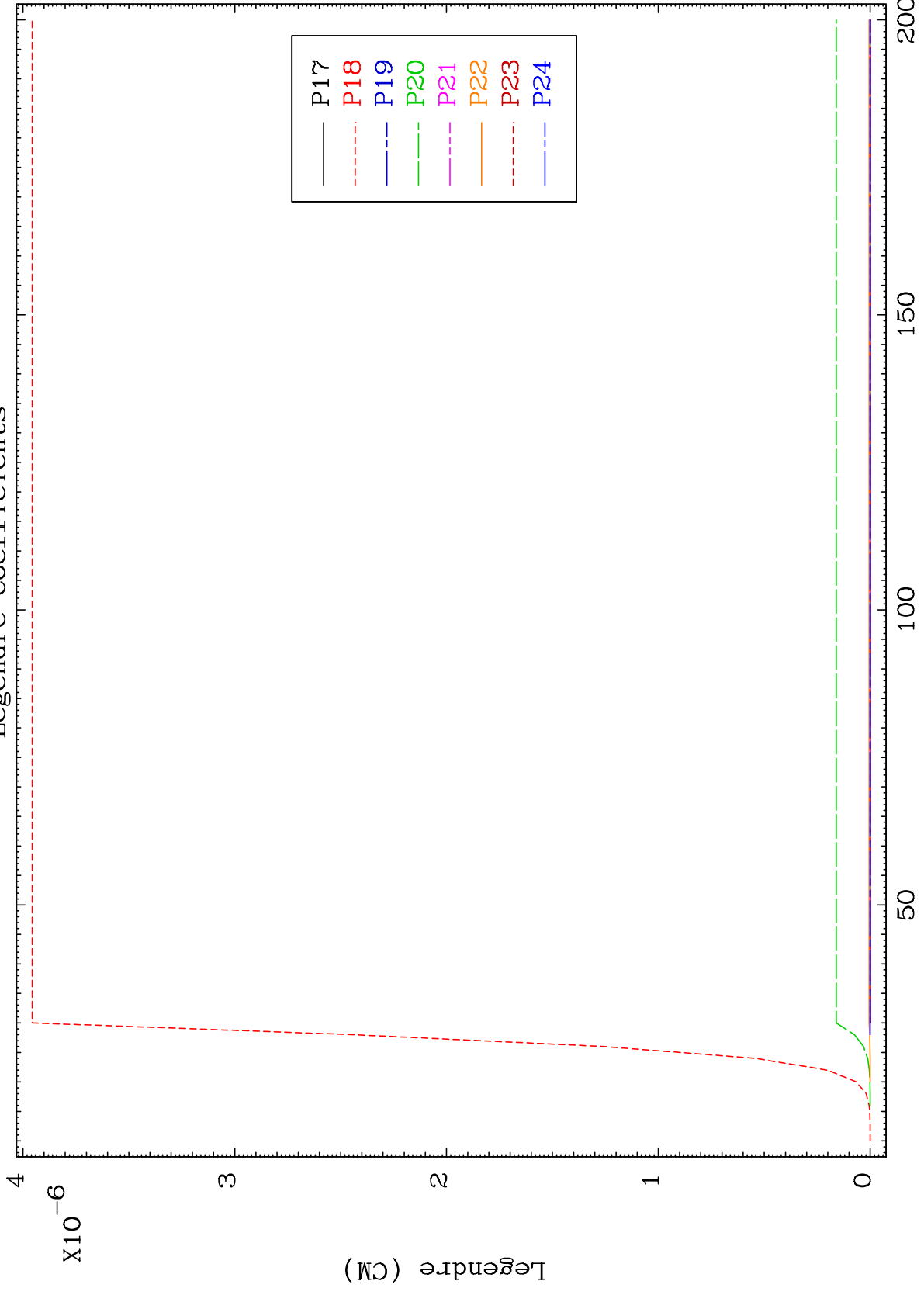


44

Incident Energy (MeV)

57-La-129

MAT 5698 MT= 57 (n,n') Level Legendre Coefficients 57-La-129

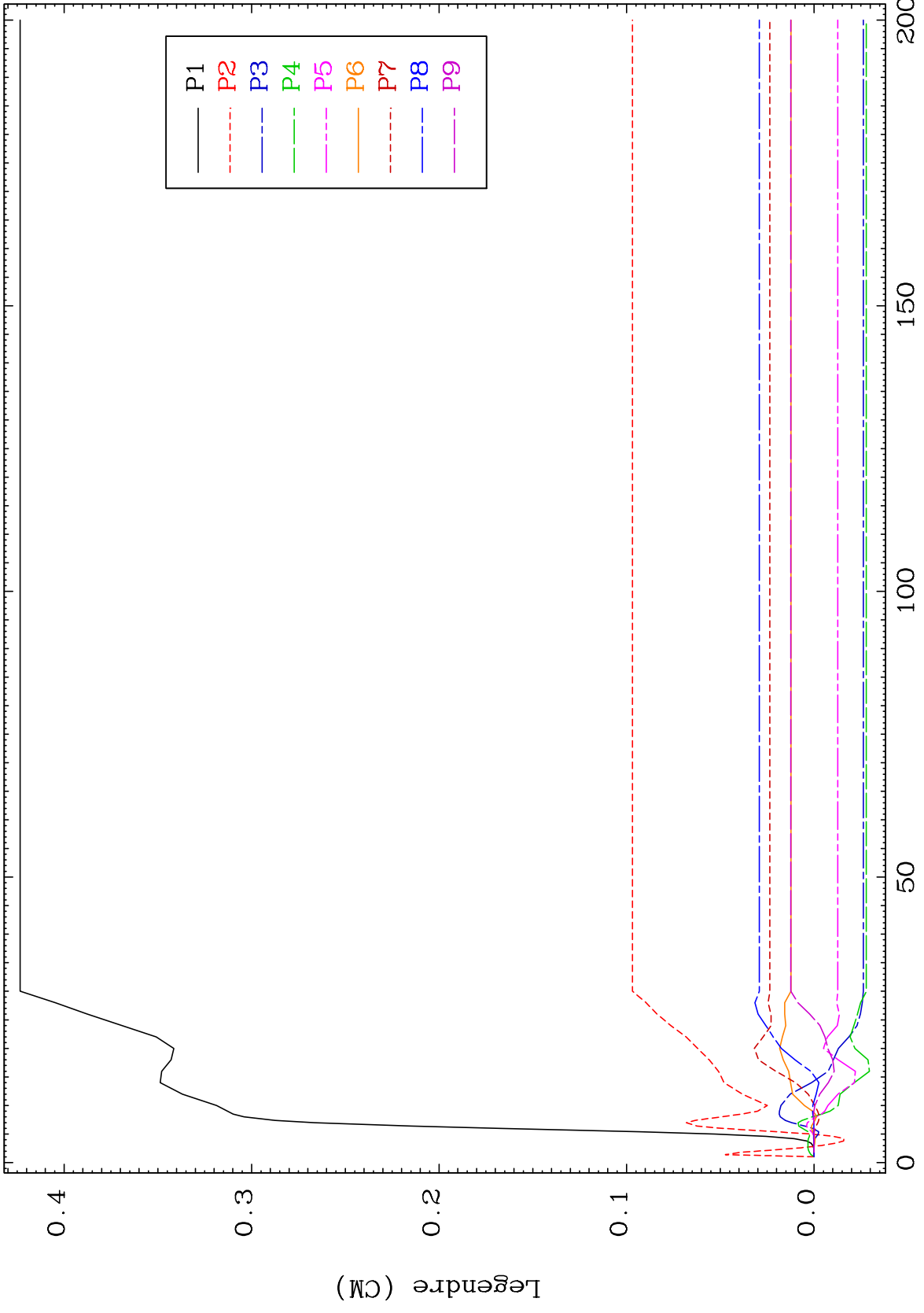


57-La-129

MAT 5698

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

57-La-129



46

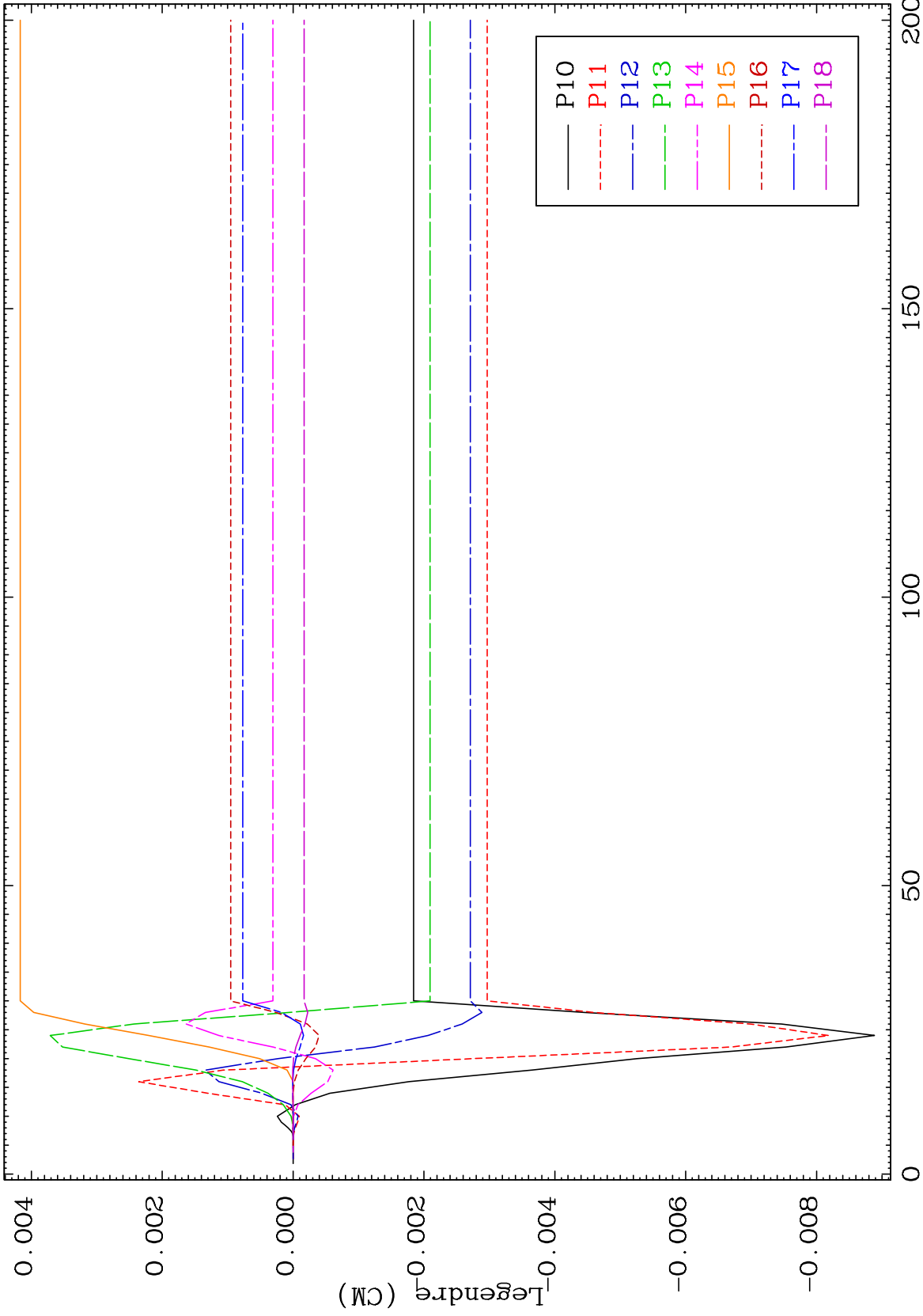
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



47

Incident Energy (MeV)

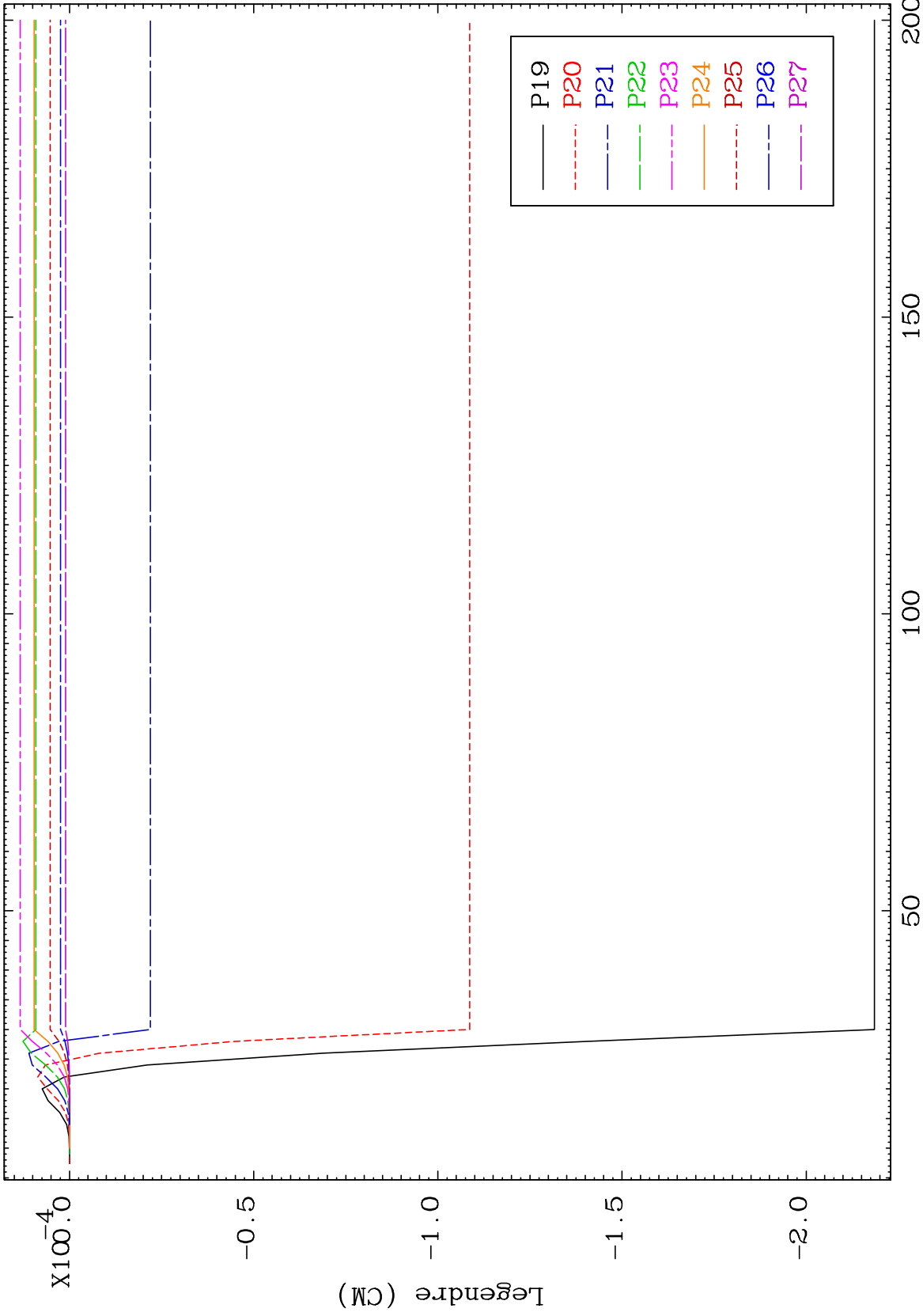
57-La-129



MAT 5698

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

57-La-129



48

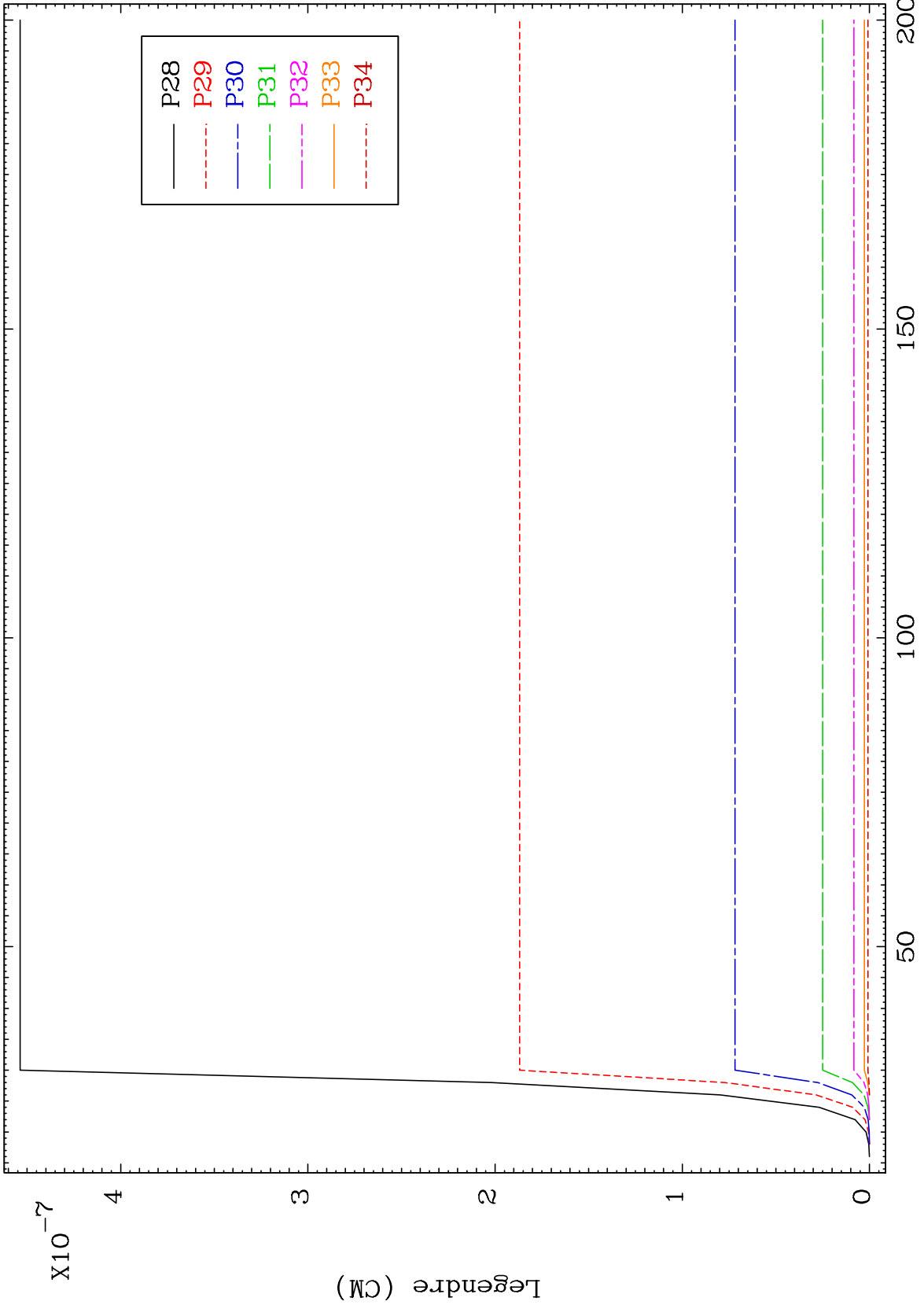
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



49

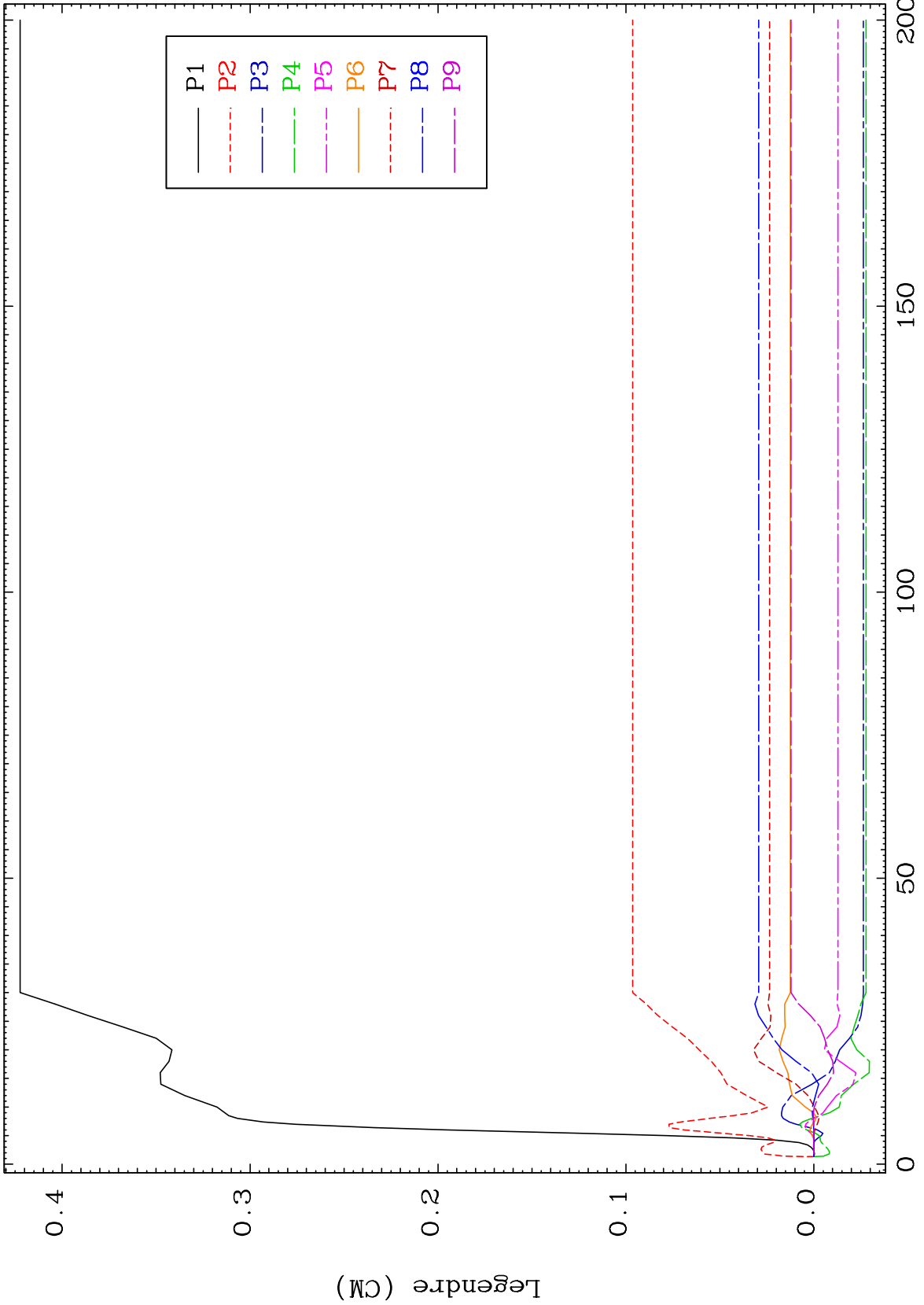
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



57-La-129

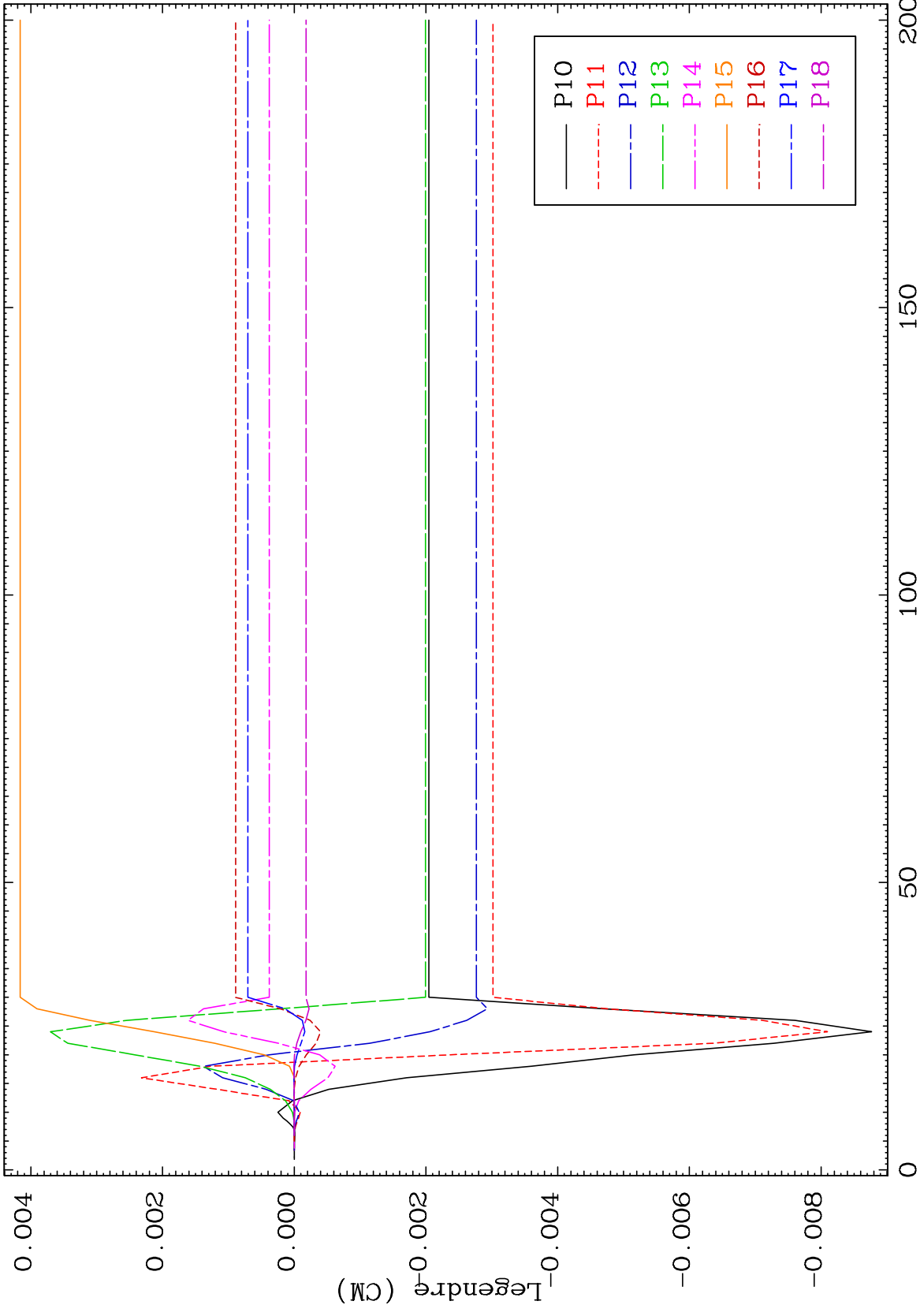
Incident Energy (MeV)

50

MAT 5698

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

57-La-129



51

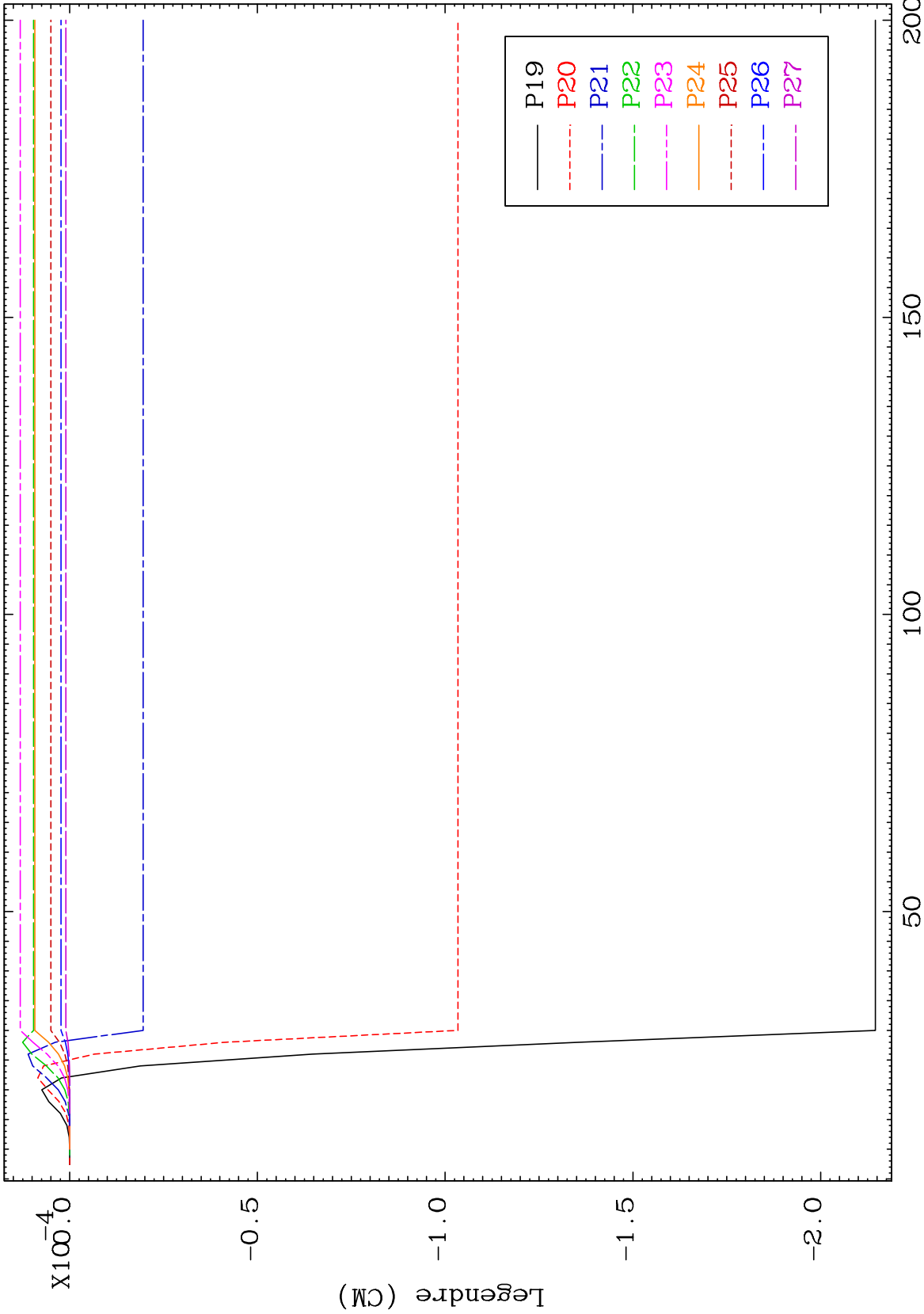
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



52

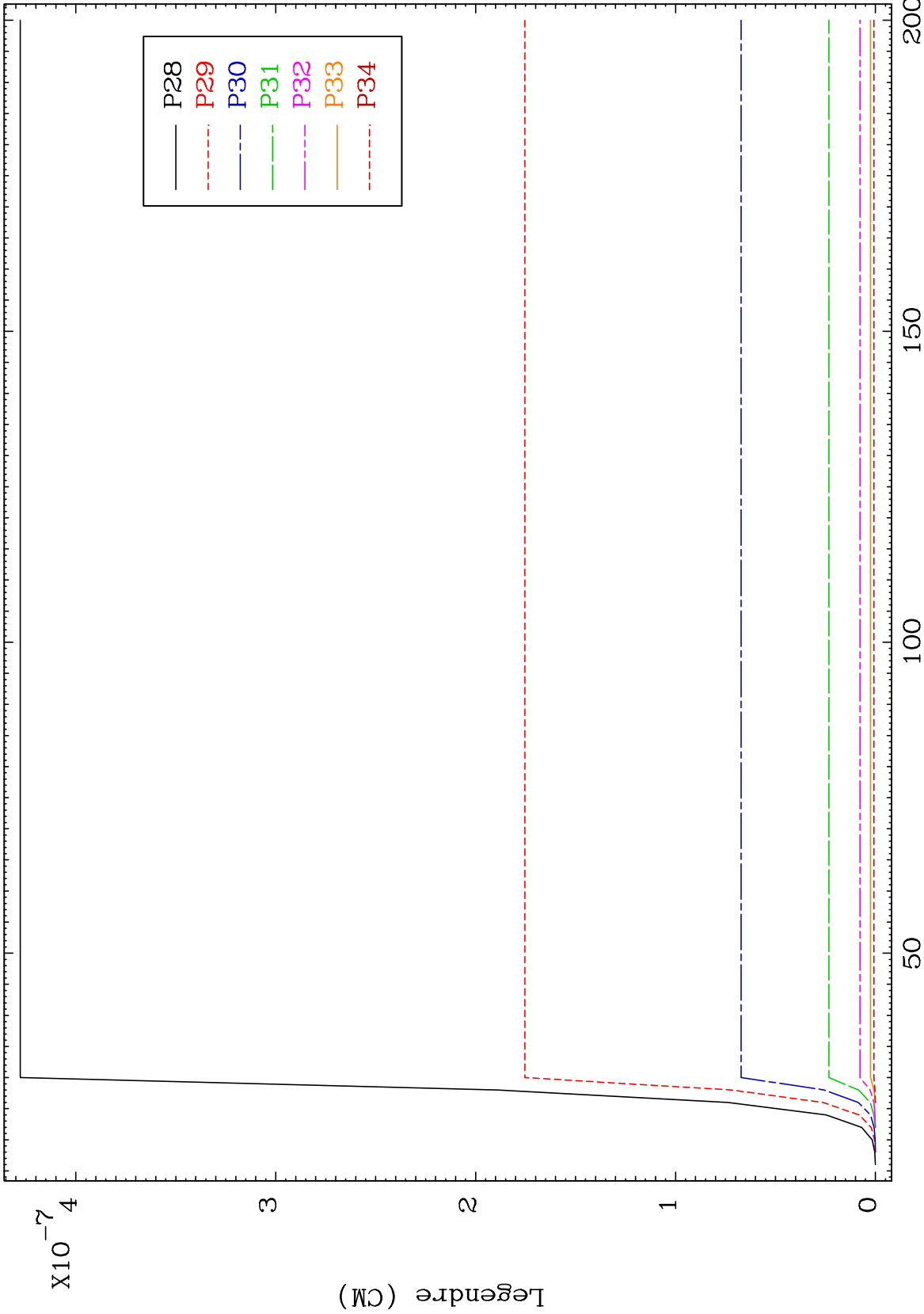
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



53

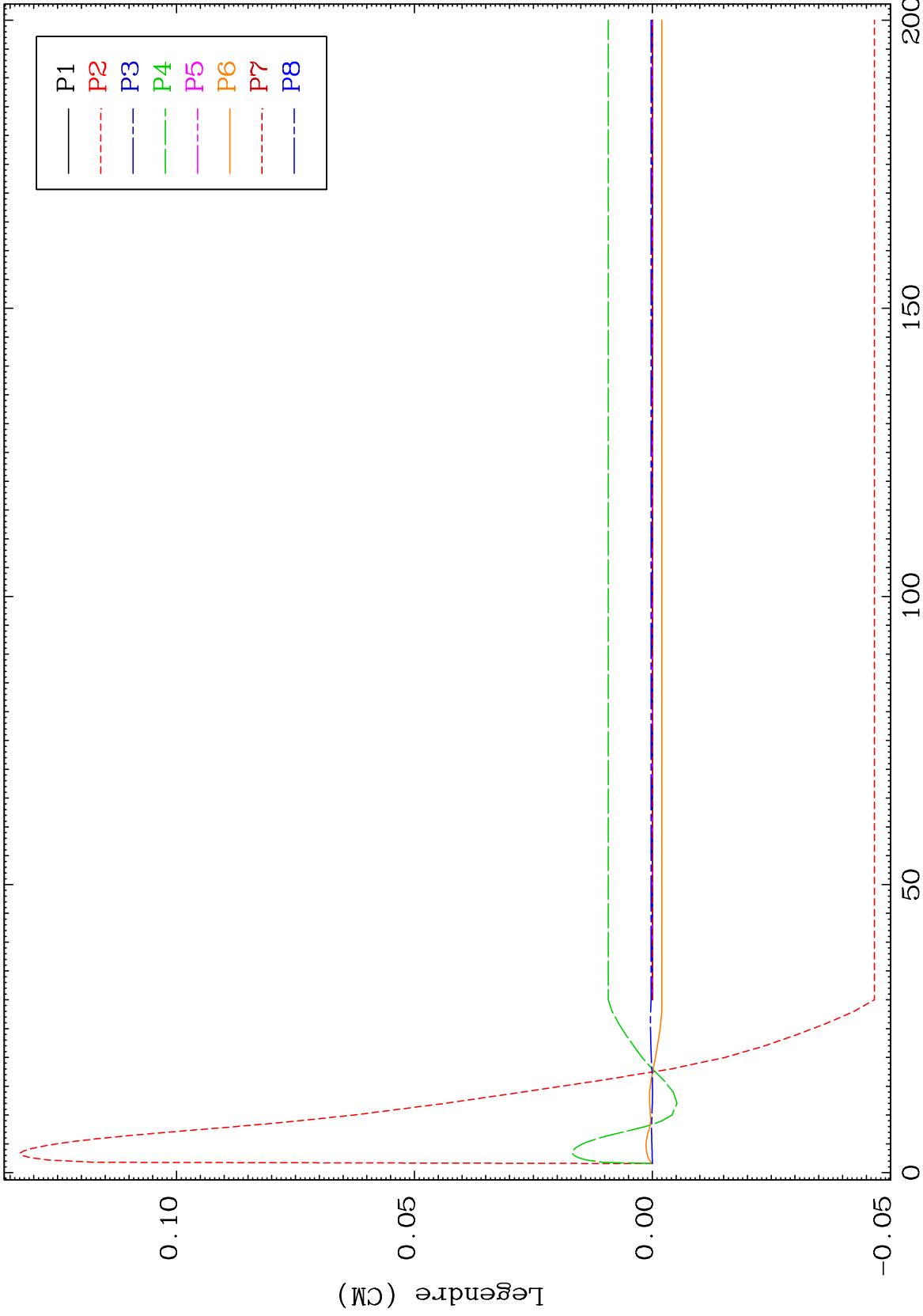
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



54

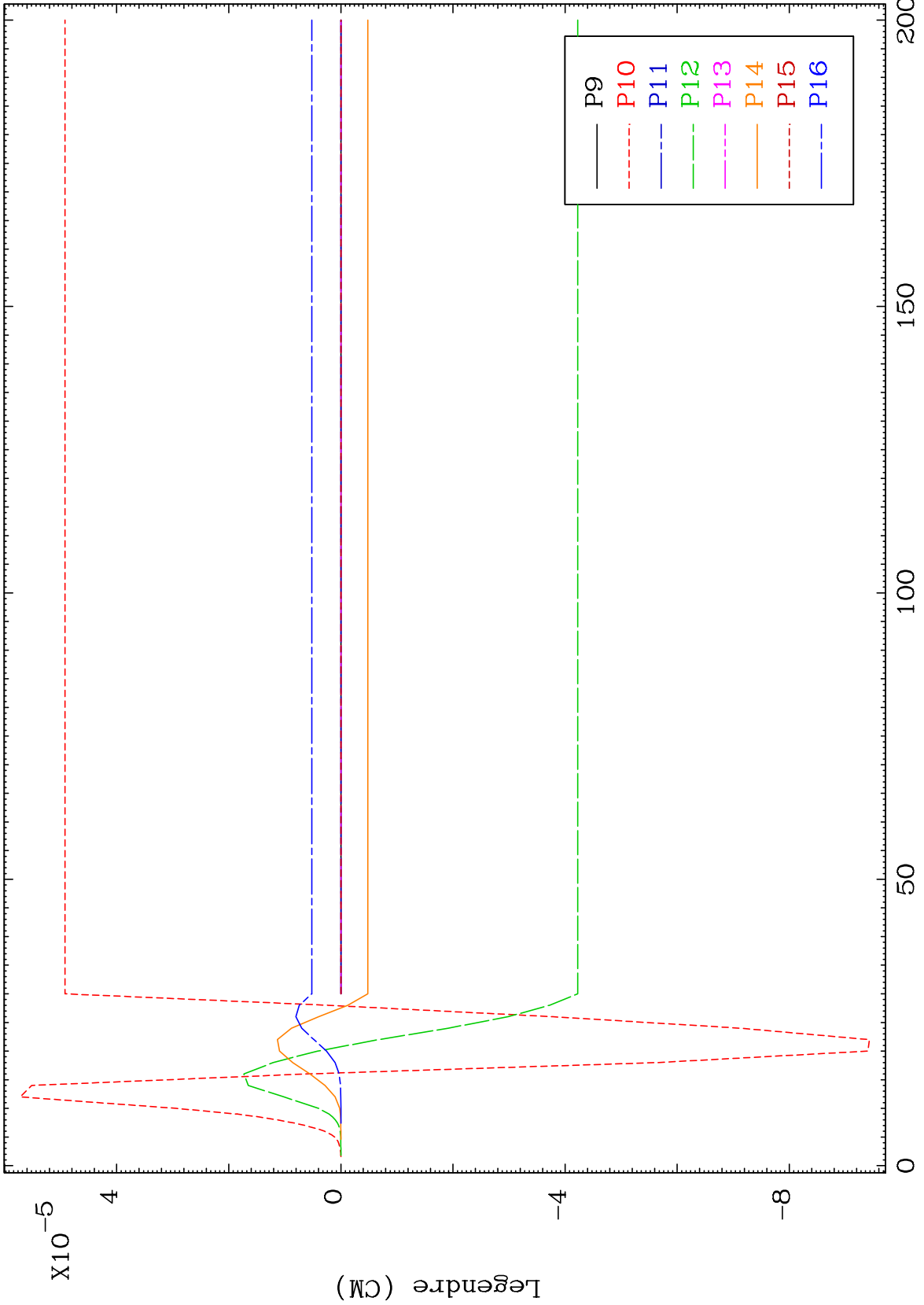
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



55

57-La-129

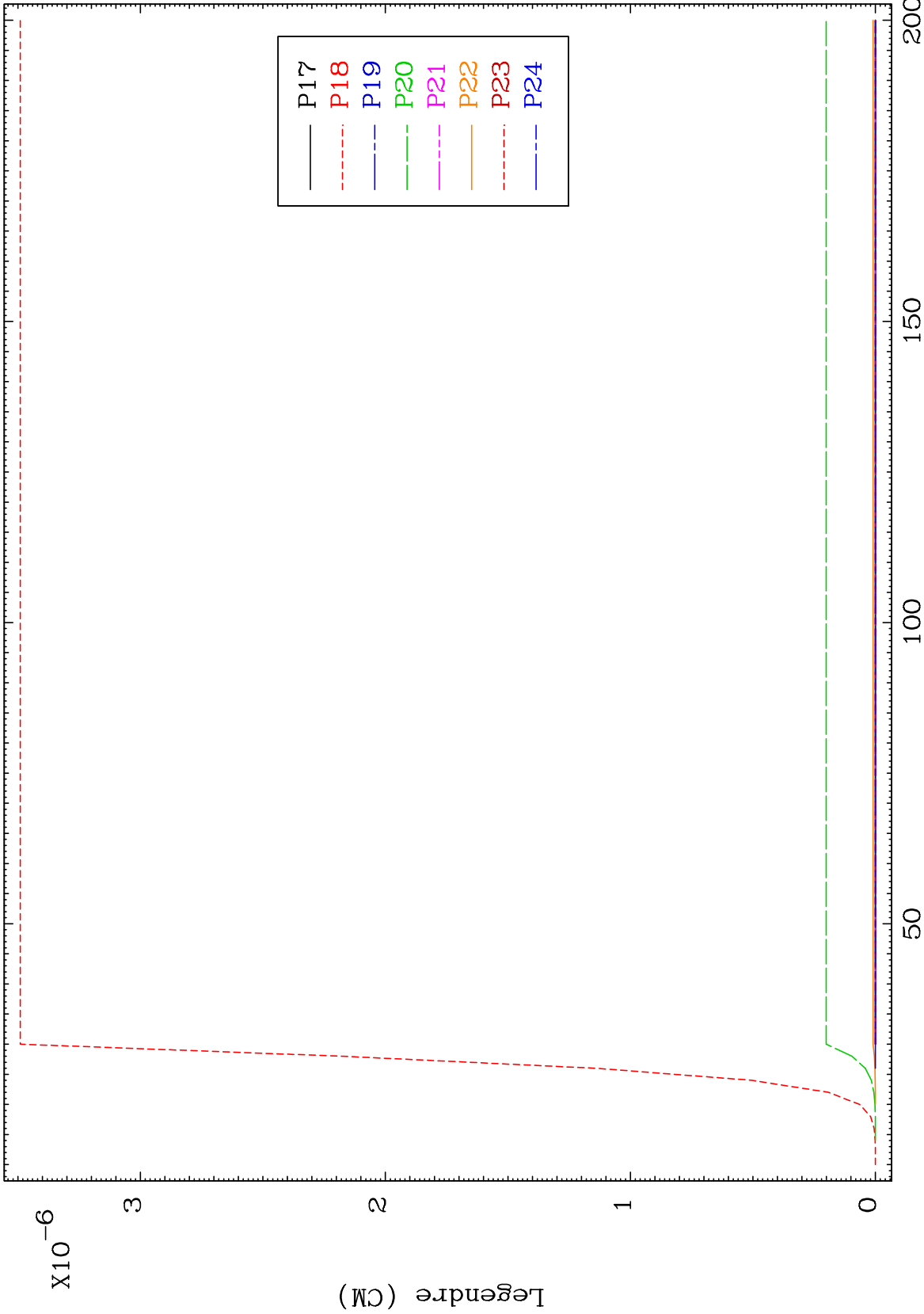
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MAT 5698

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

57-La-129



56

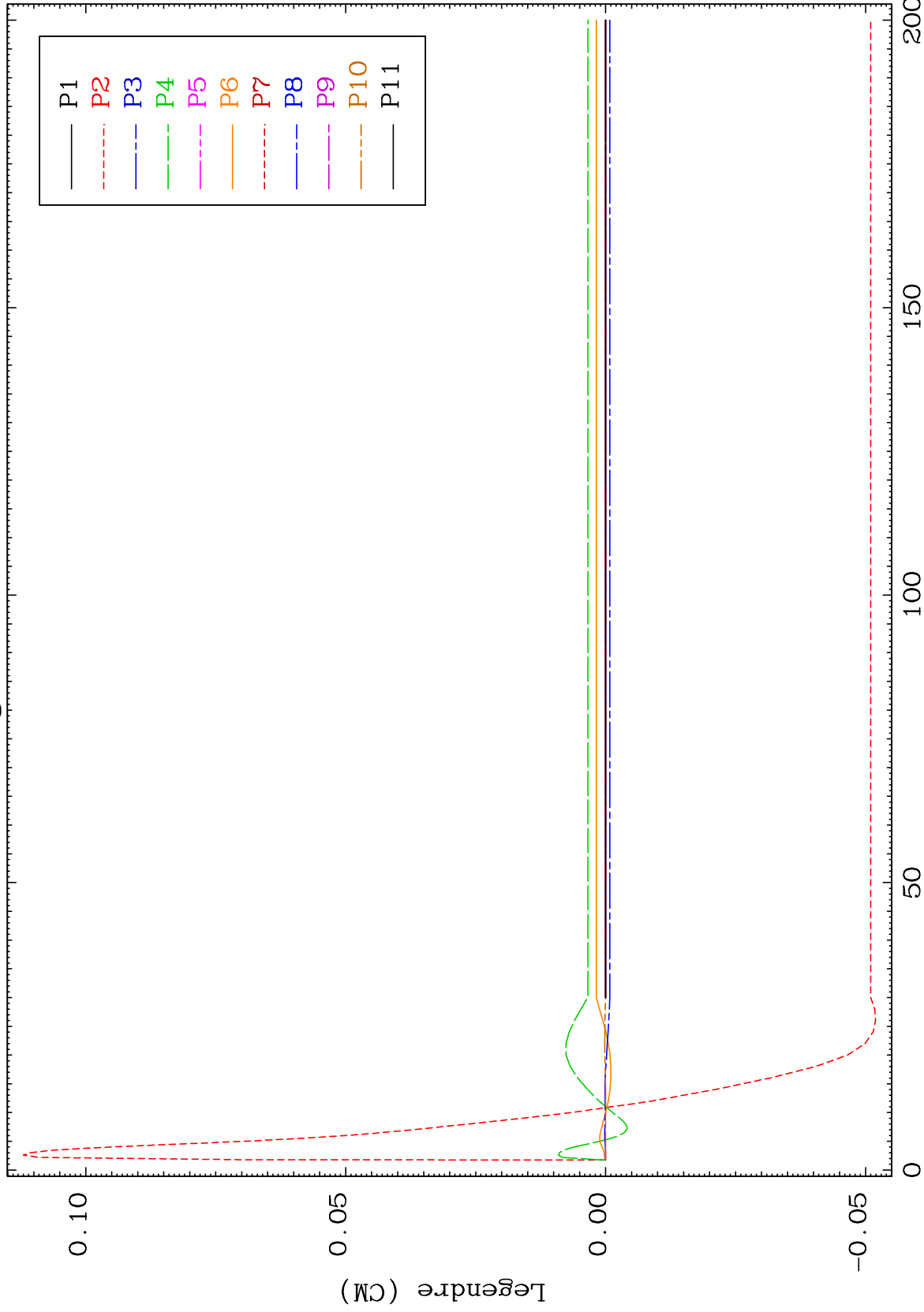
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



57

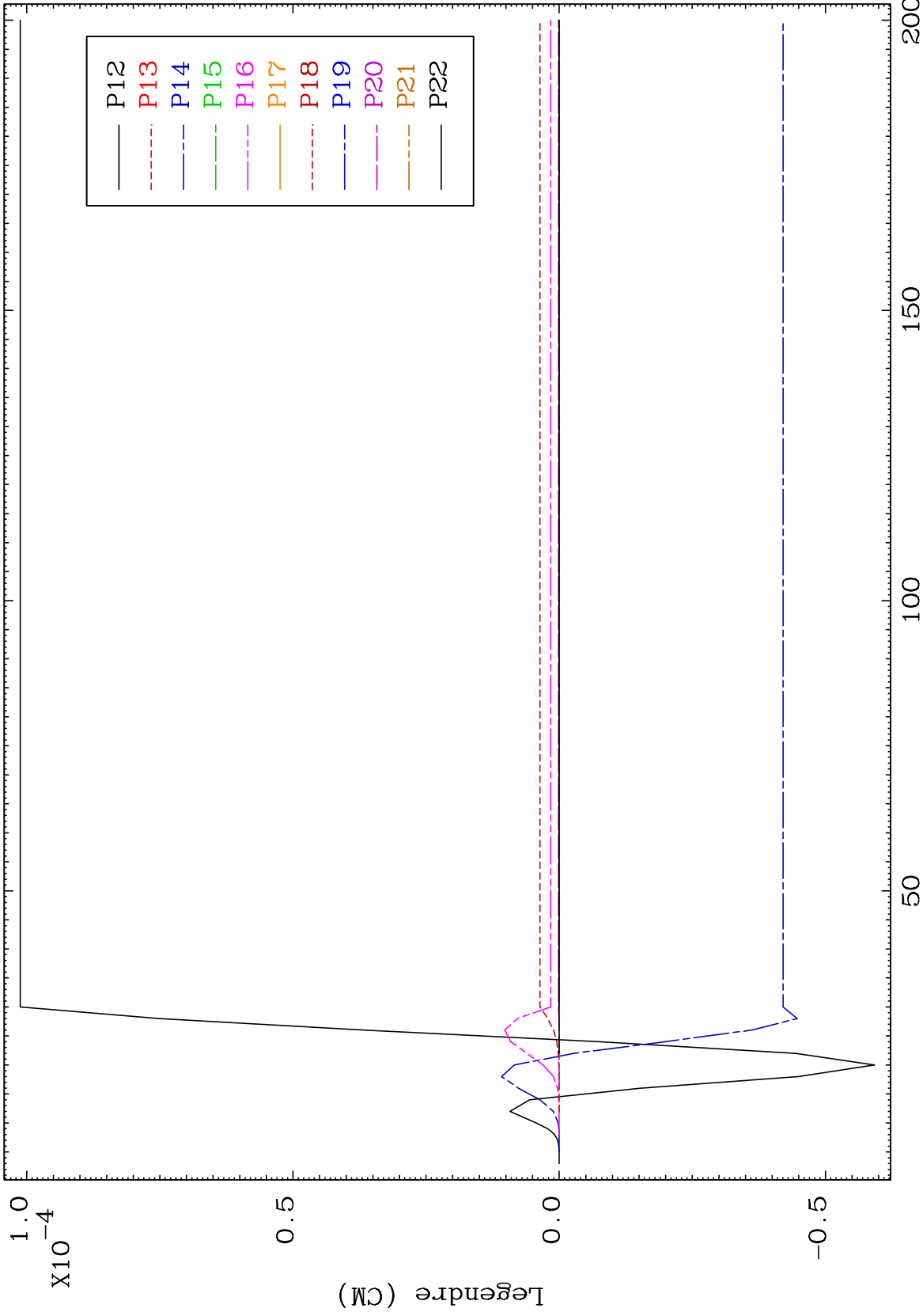
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



58

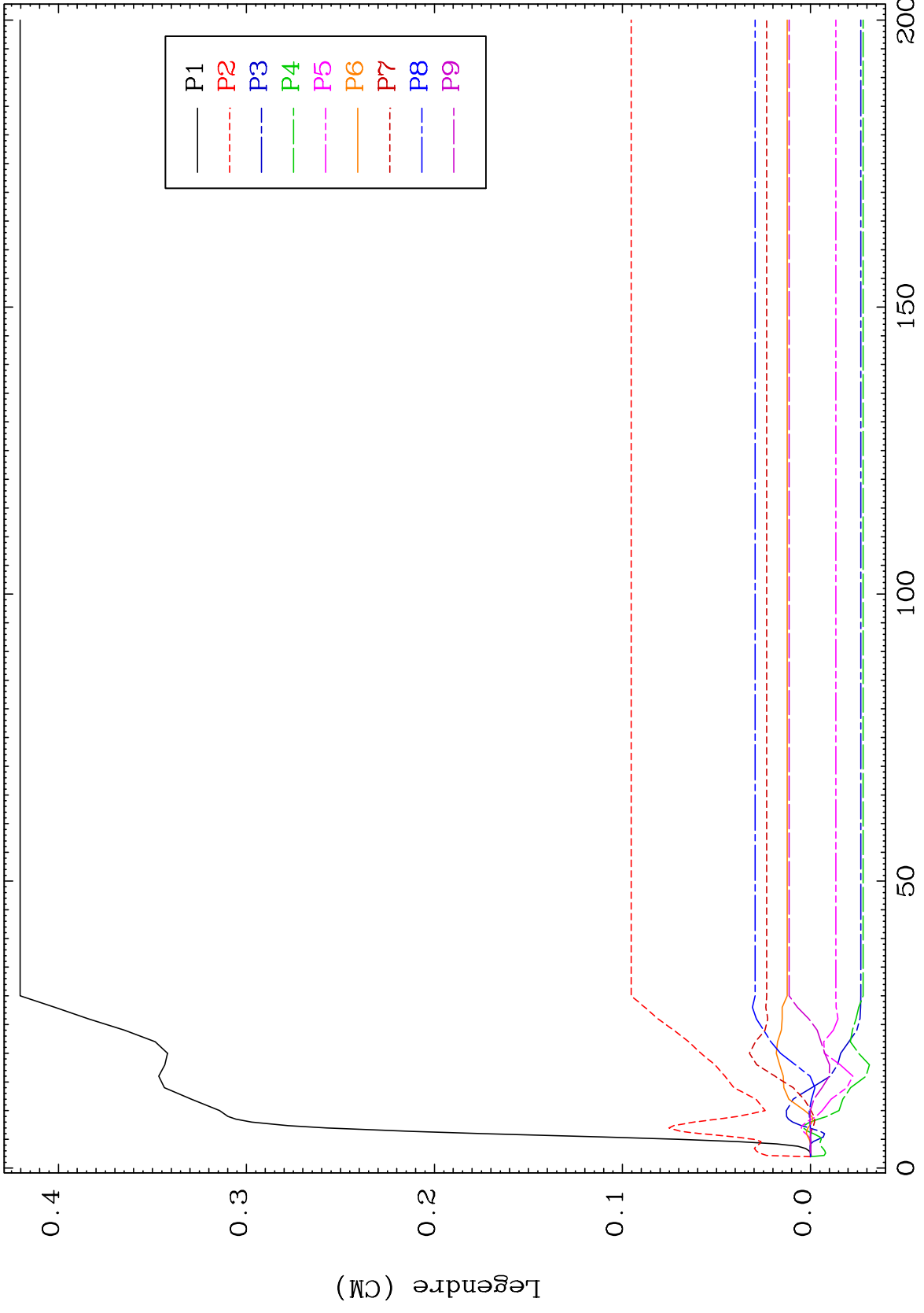
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



59

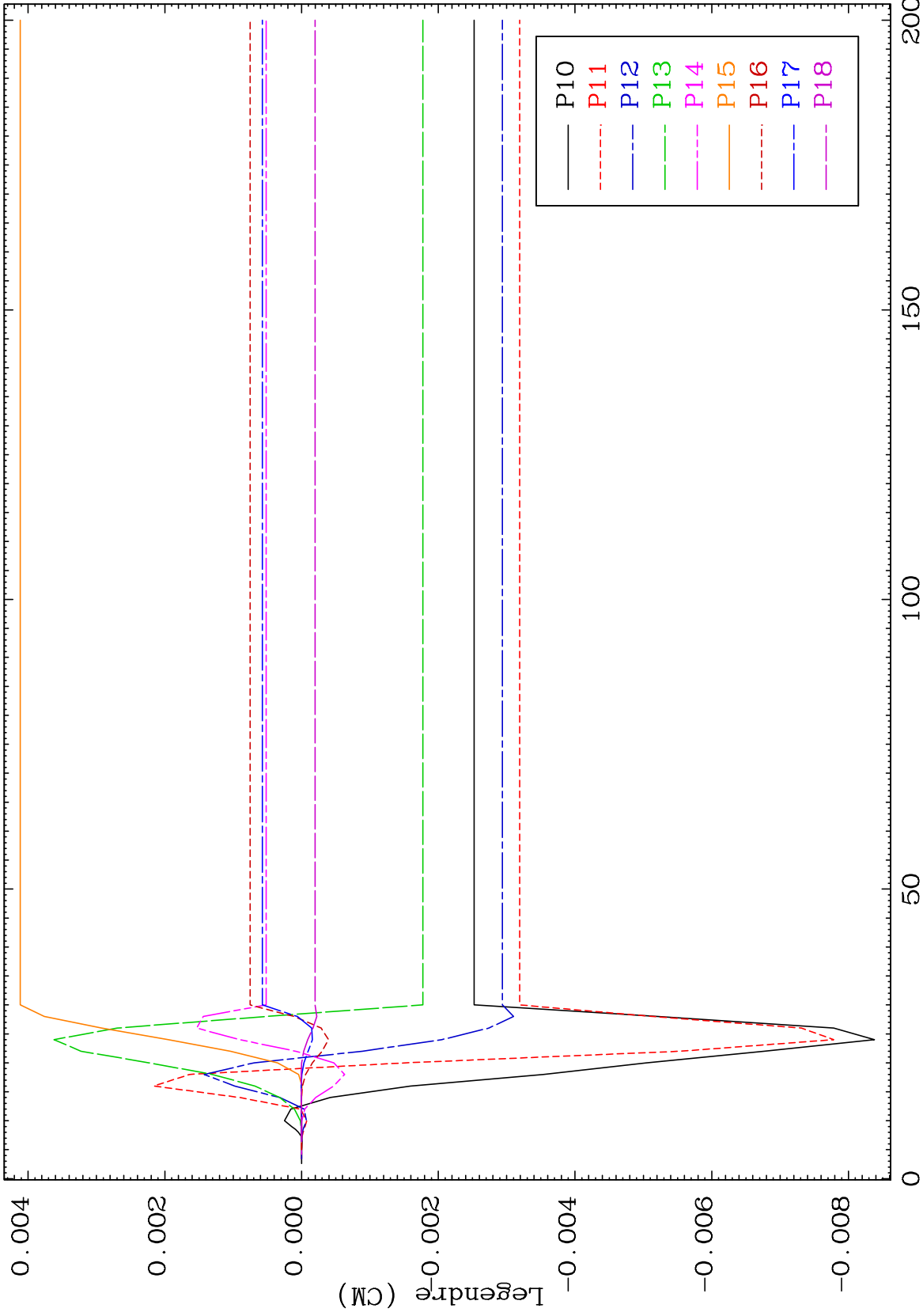
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



60

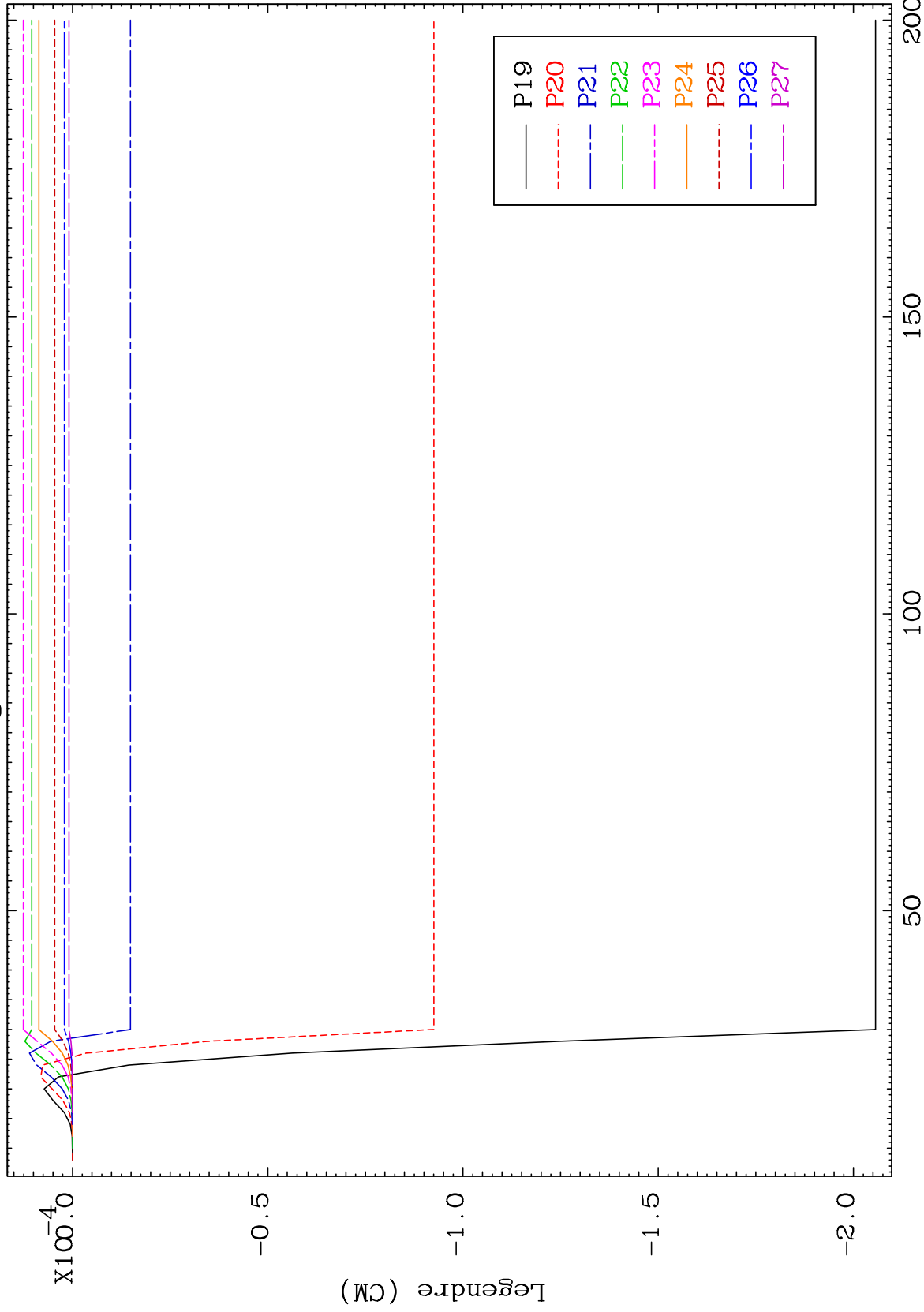
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



61

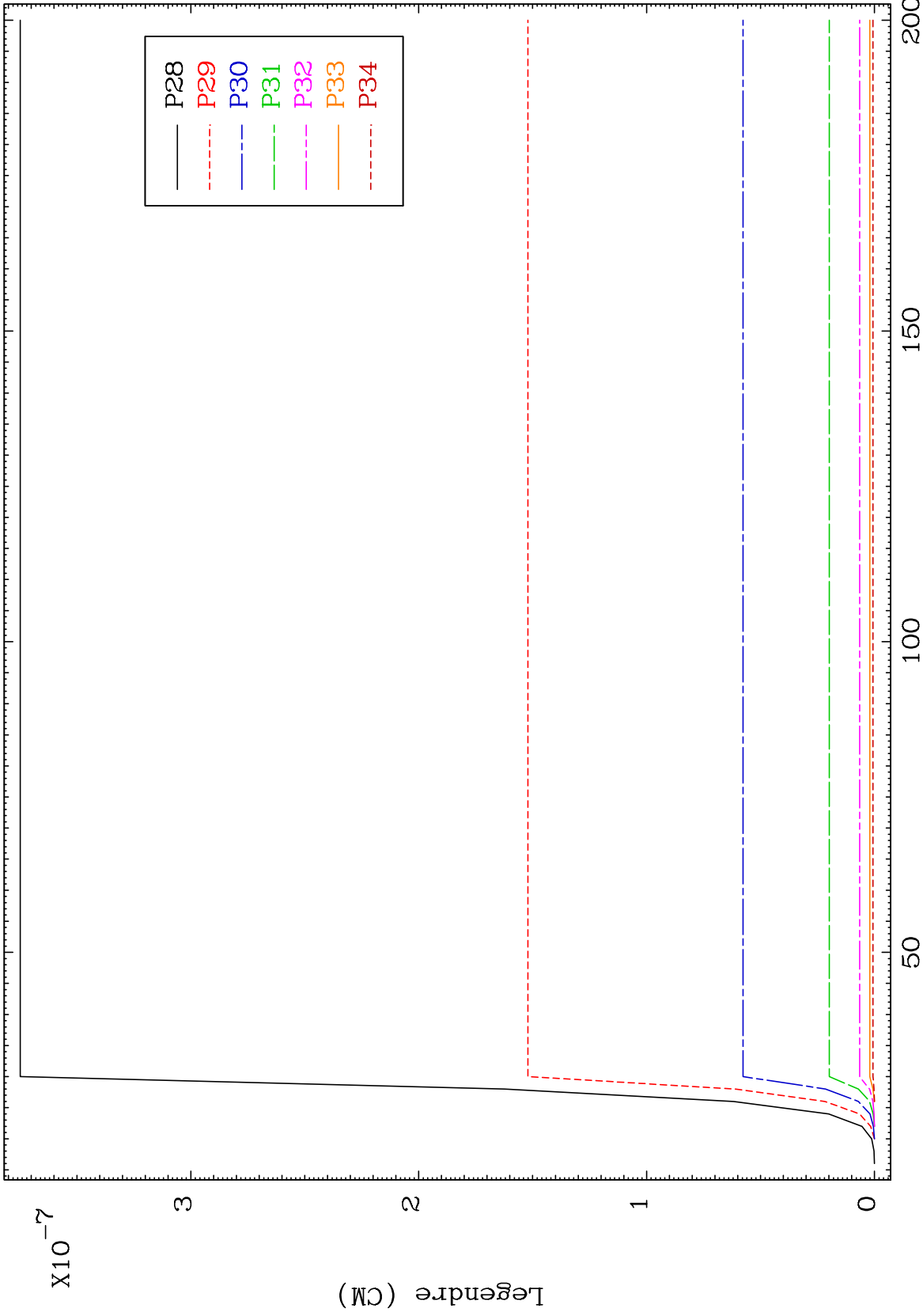
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



62

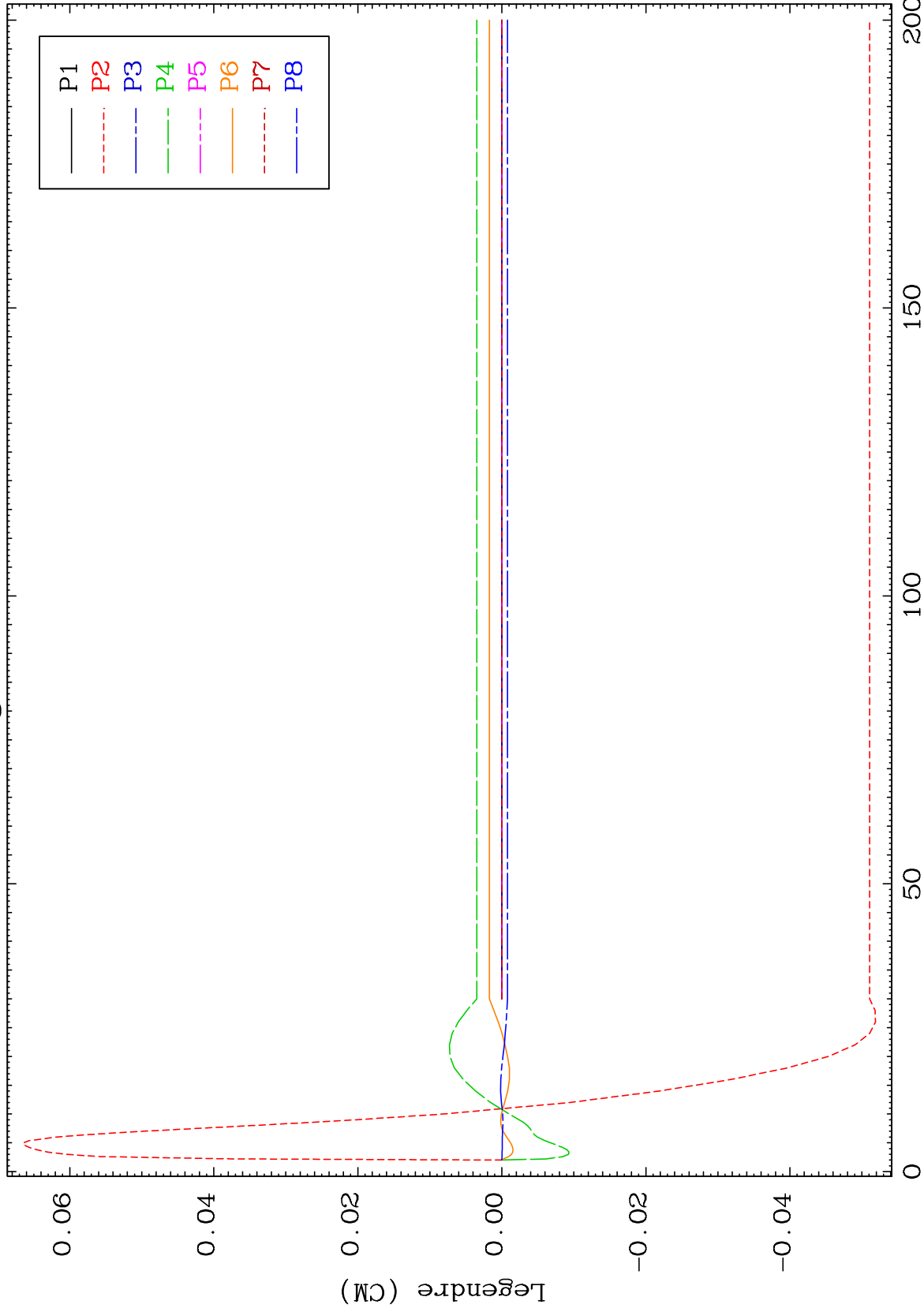
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



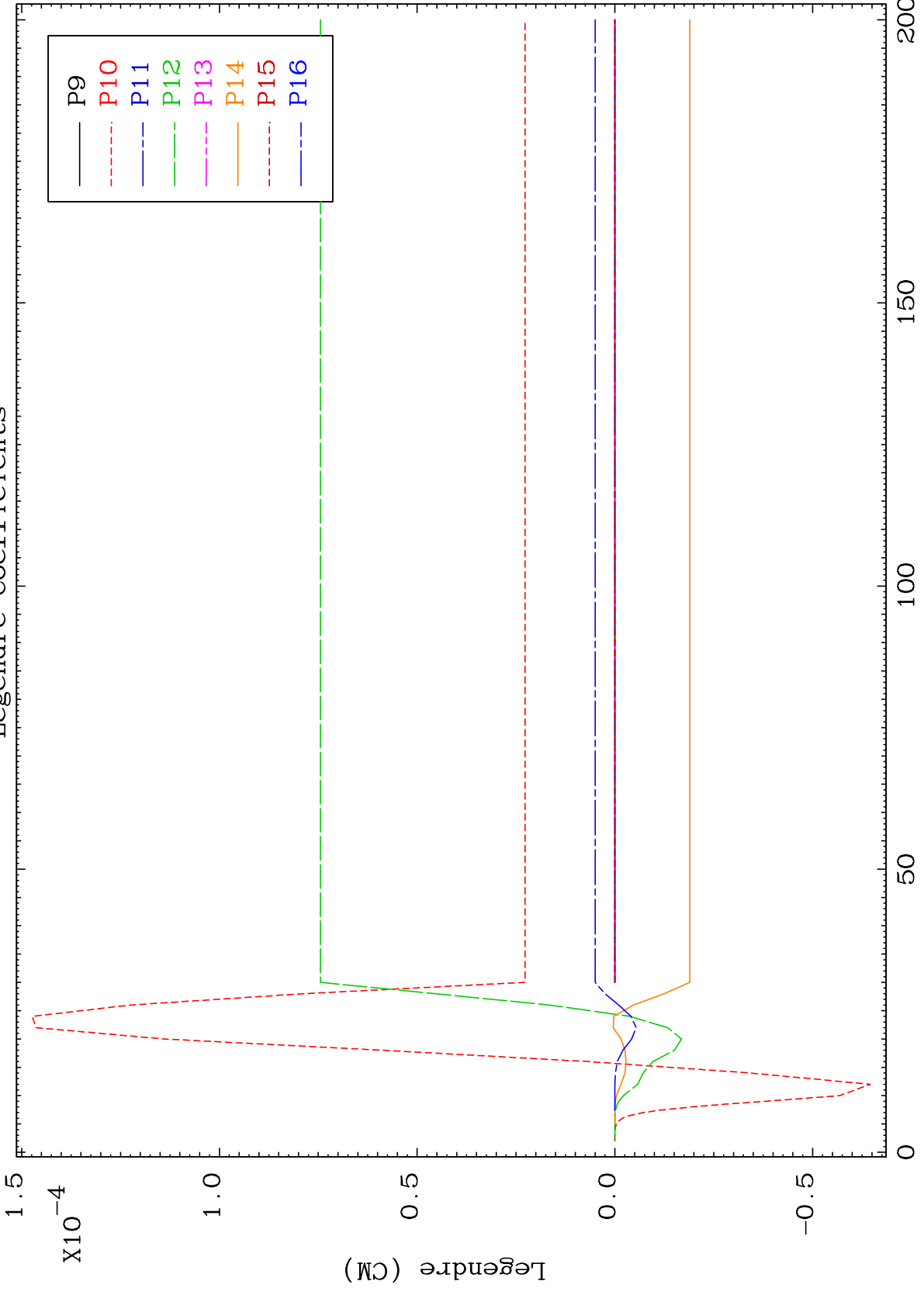
63

Incident Energy (MeV)

57-La-129



MAT 5698 MT= 63 (n,n') Level Legendre Coefficients 57-La-129

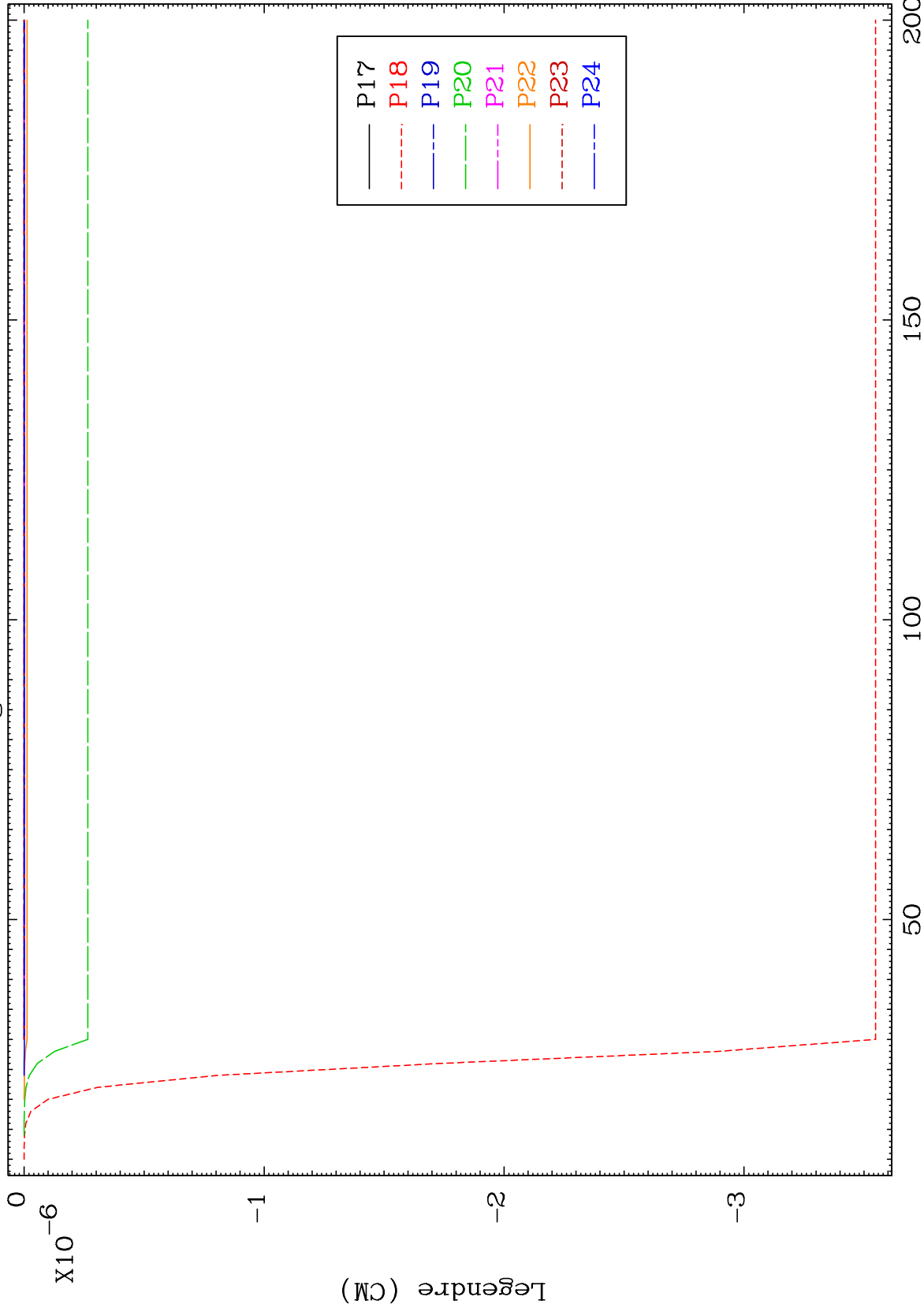


64 57-La-129

MAT 5698

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

57-La-129



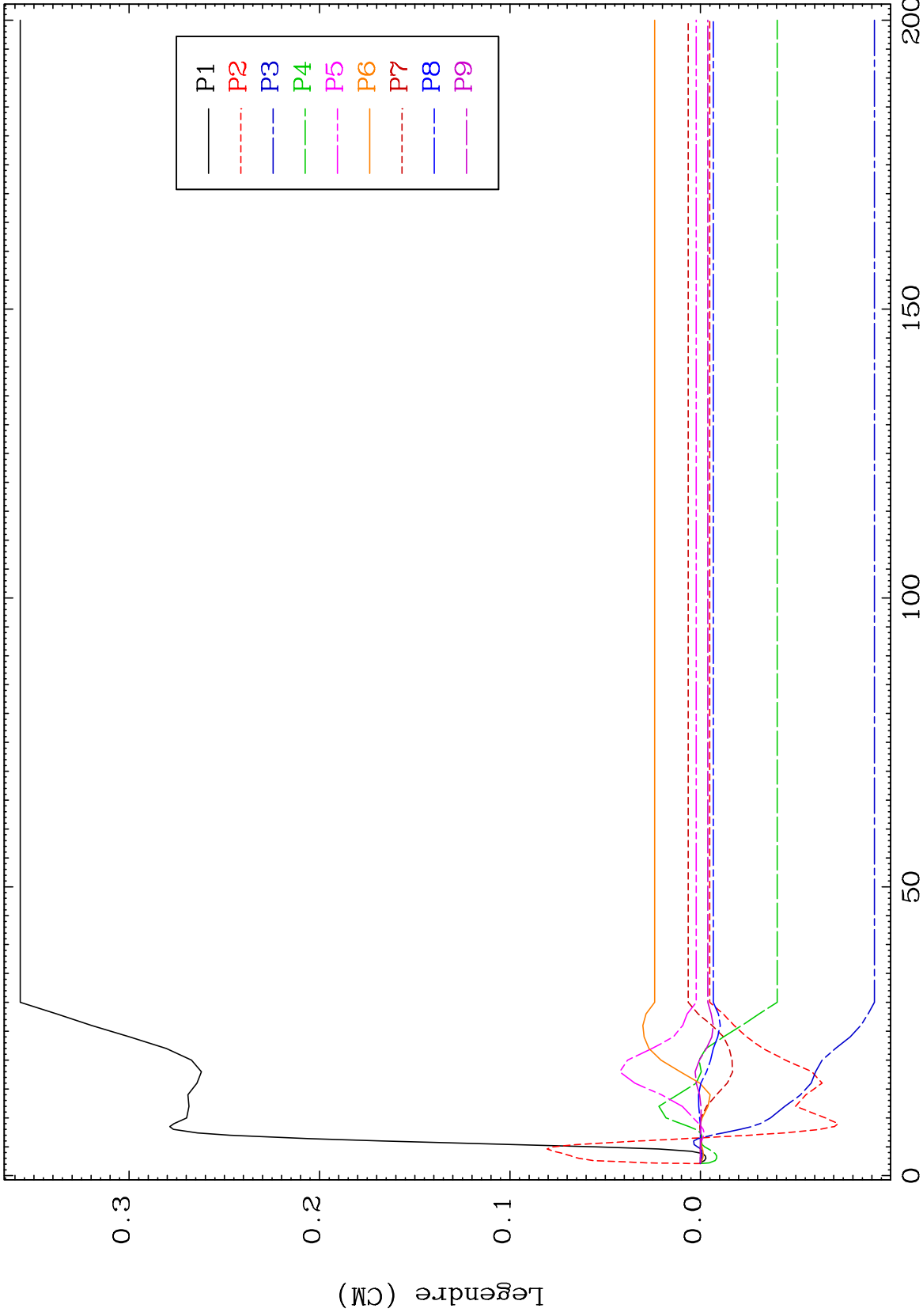
65

57-La-129

MAT 5698

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

57-La-129



66

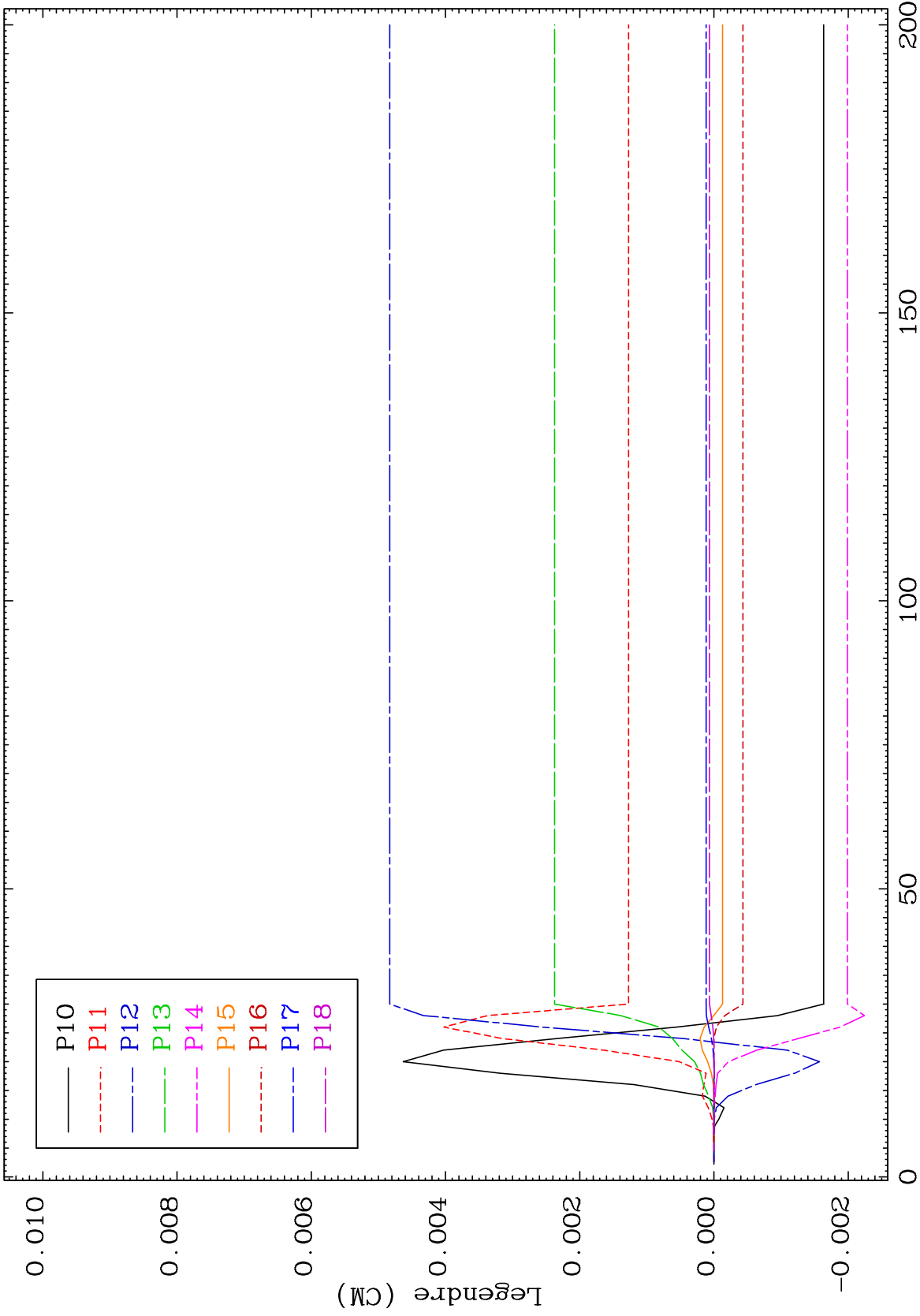
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



67

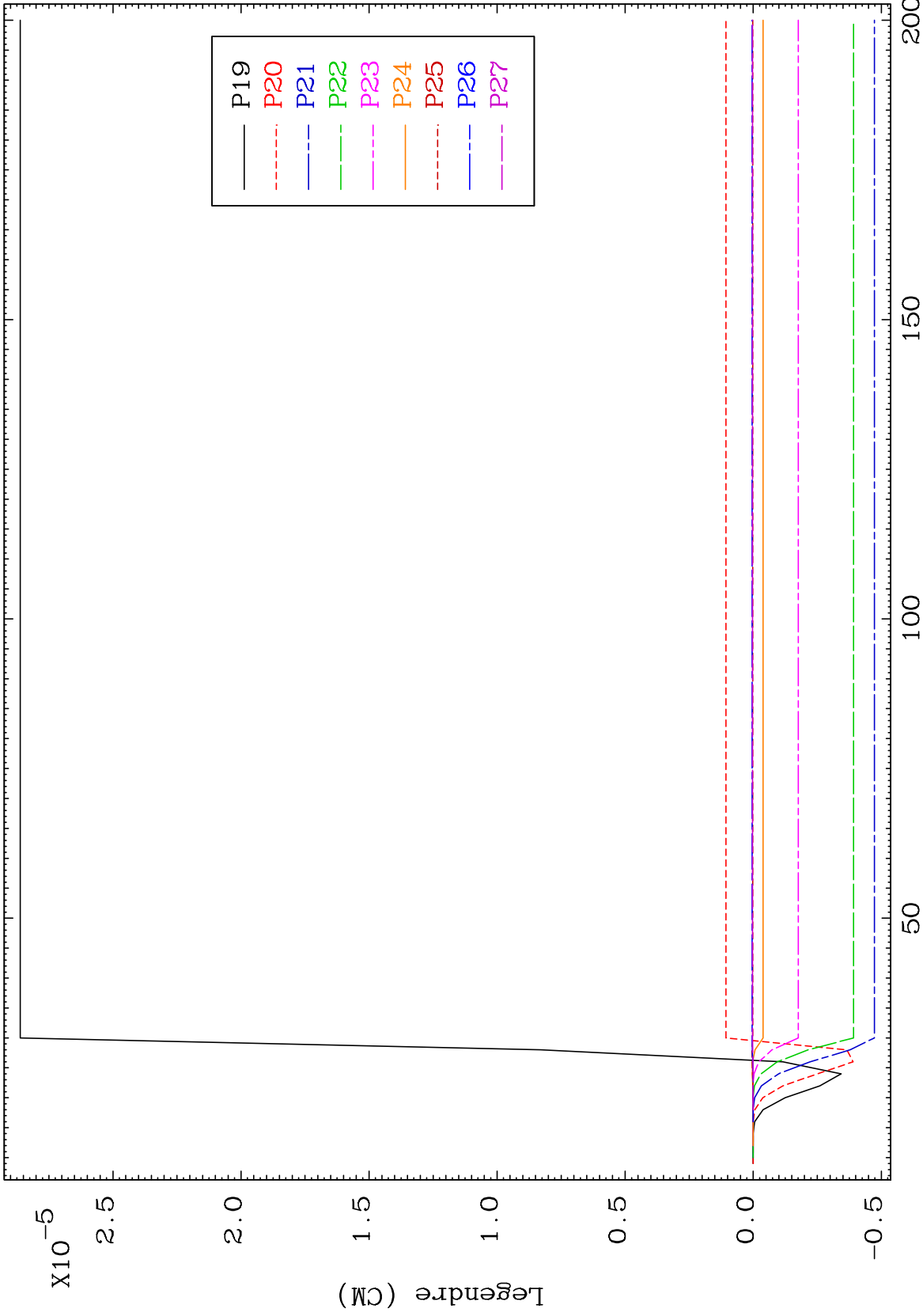
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



68

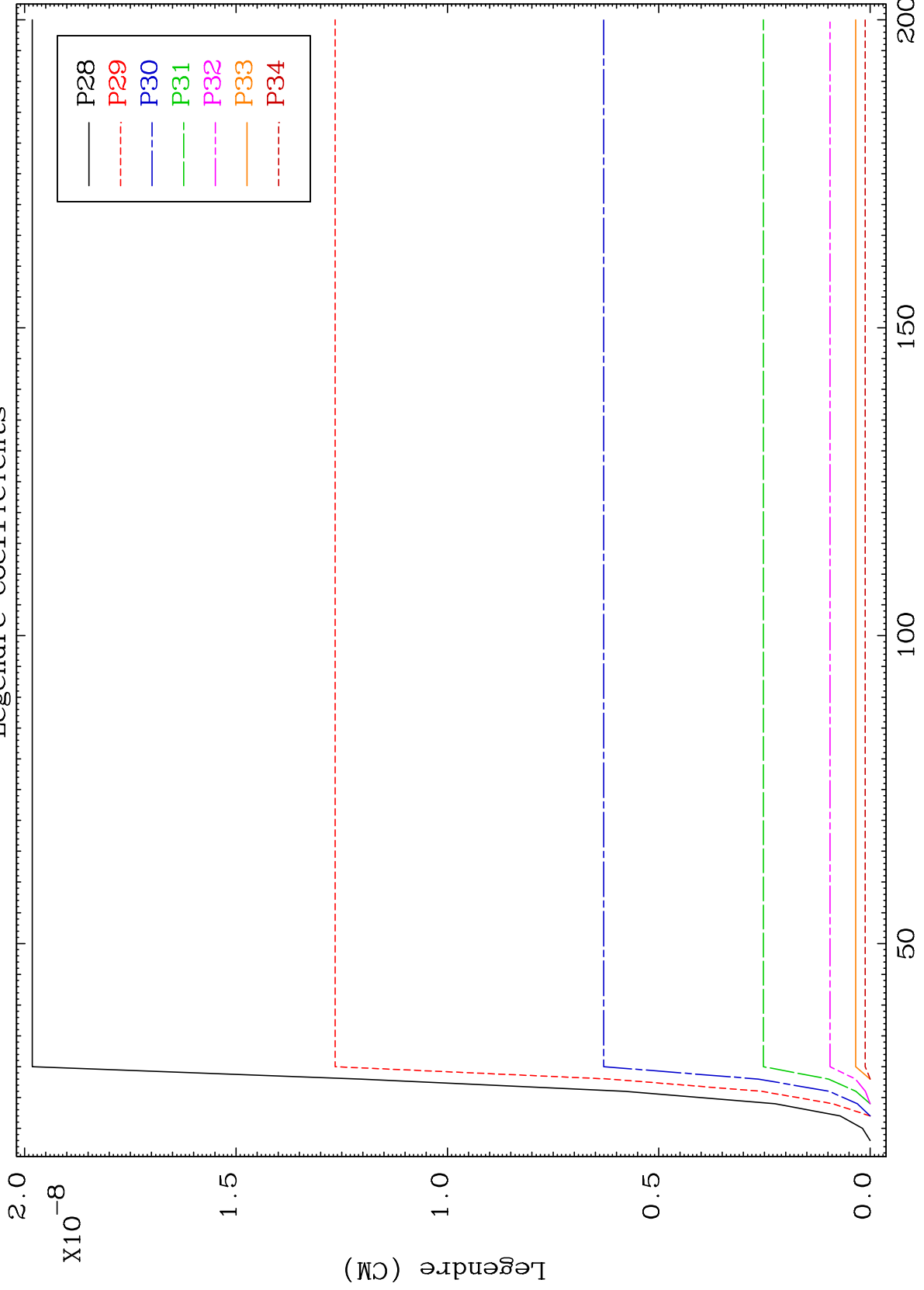
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



69

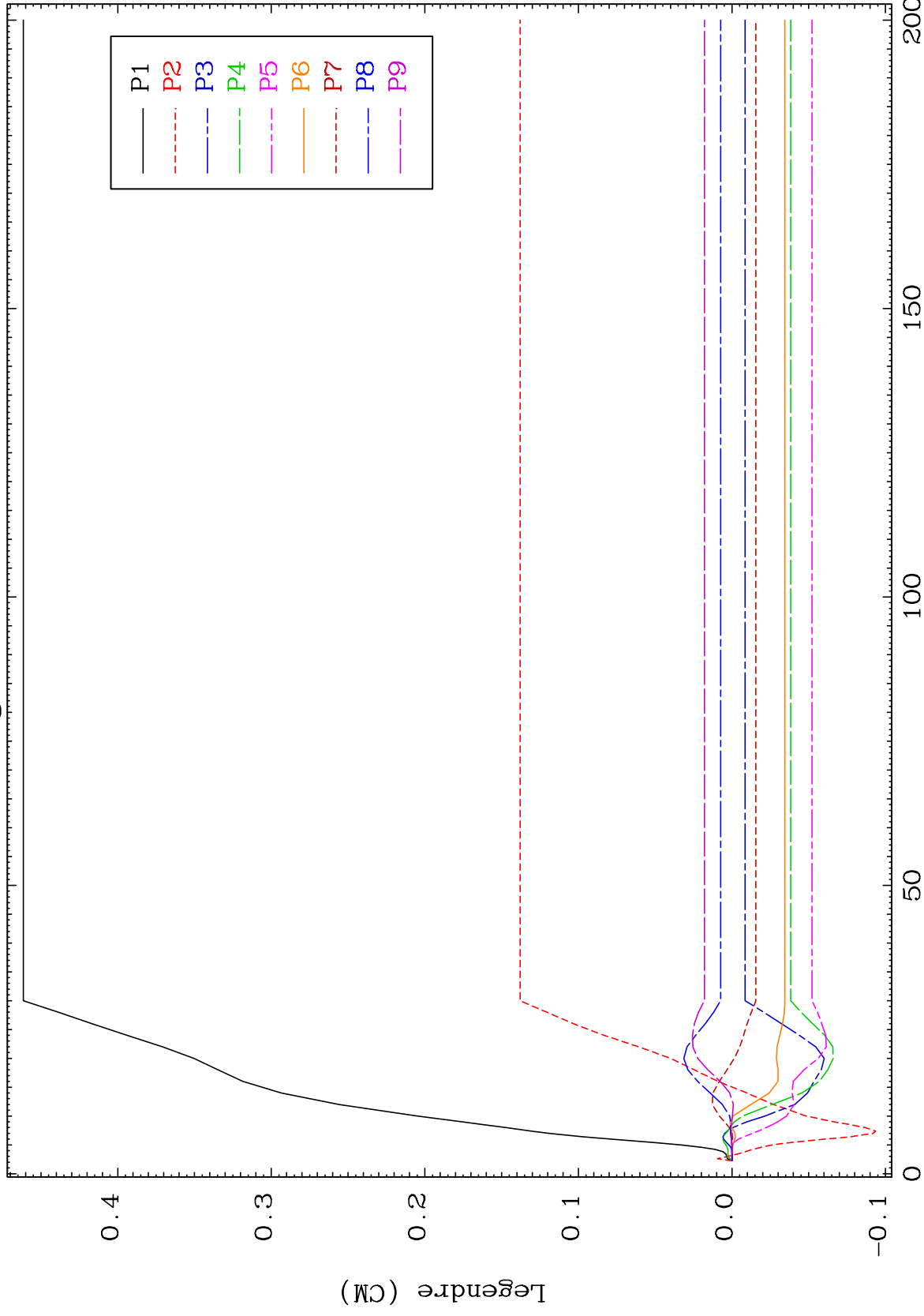
Incident Energy (MeV)

57-La-129

MAT 5698

MT= 65 (n,n') Level  
Legendre Coefficients

57-La-129



70

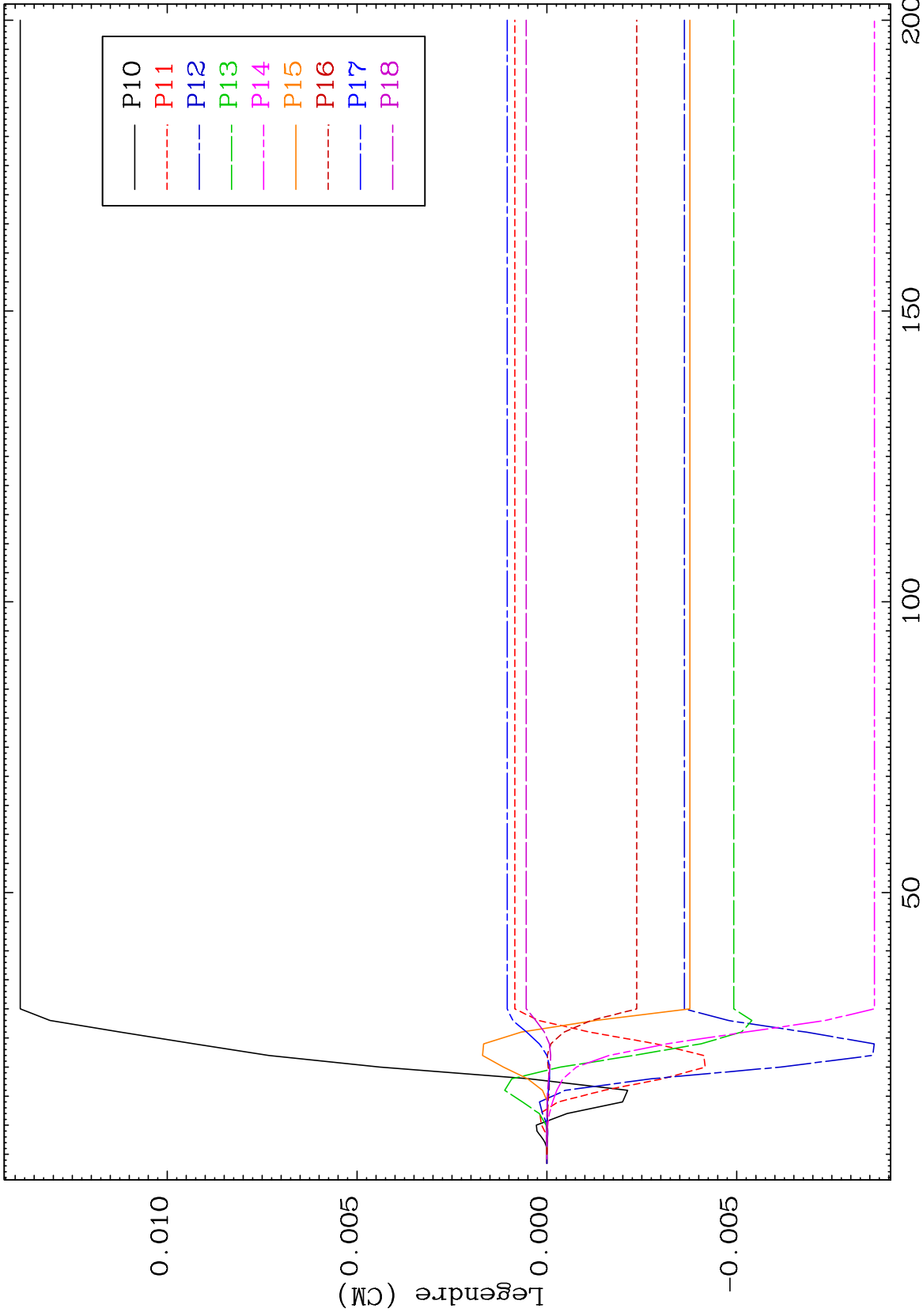
Incident Energy (MeV)

57-La-129

MAT 5698

MT= 65 (n,n') Level  
Legendre Coefficients

57-La-129



71

Incident Energy (MeV)

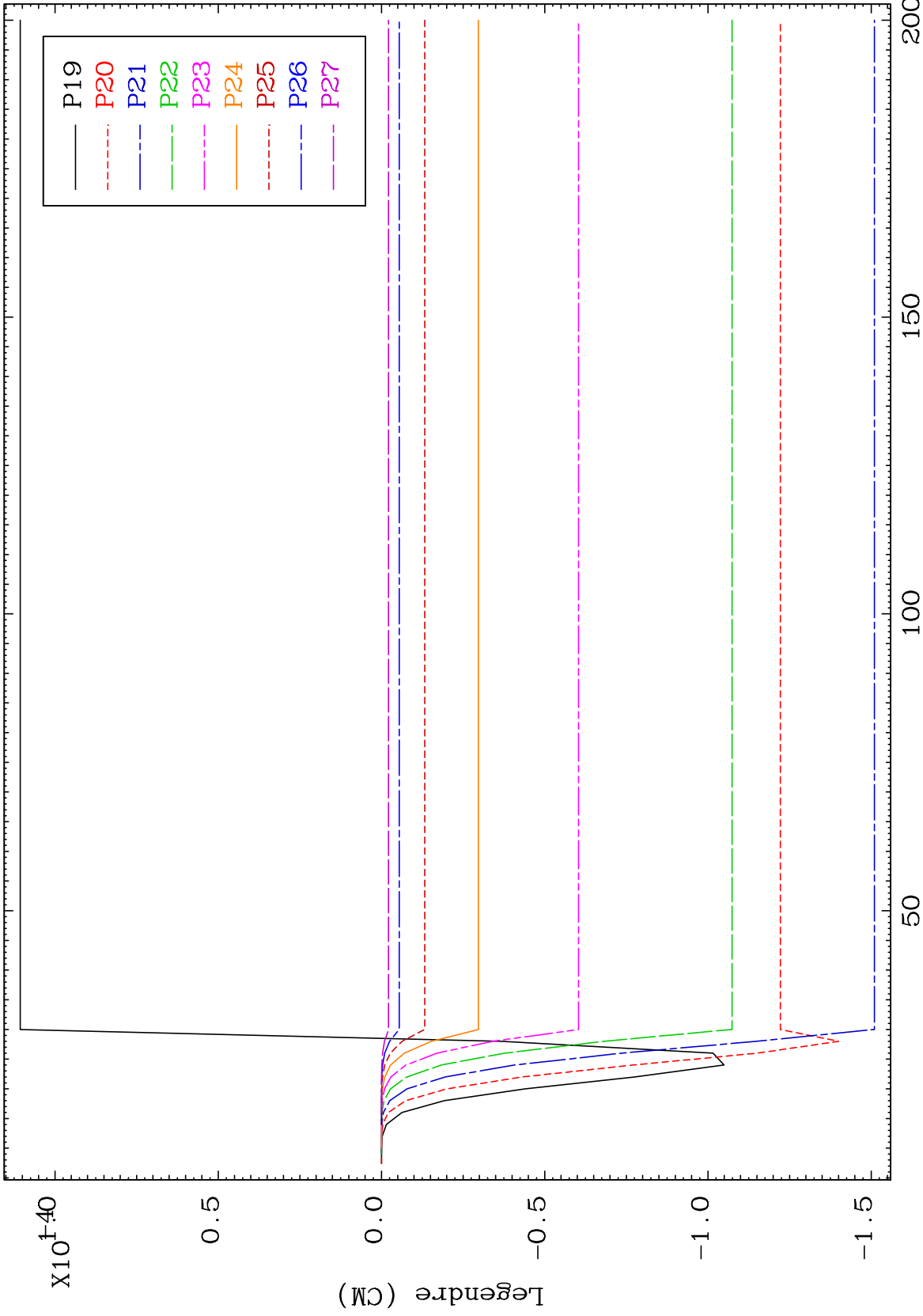
57-La-129



MAT 5698

MT= 65 (n,n') Level  
Legendre Coefficients

57-La-129



72

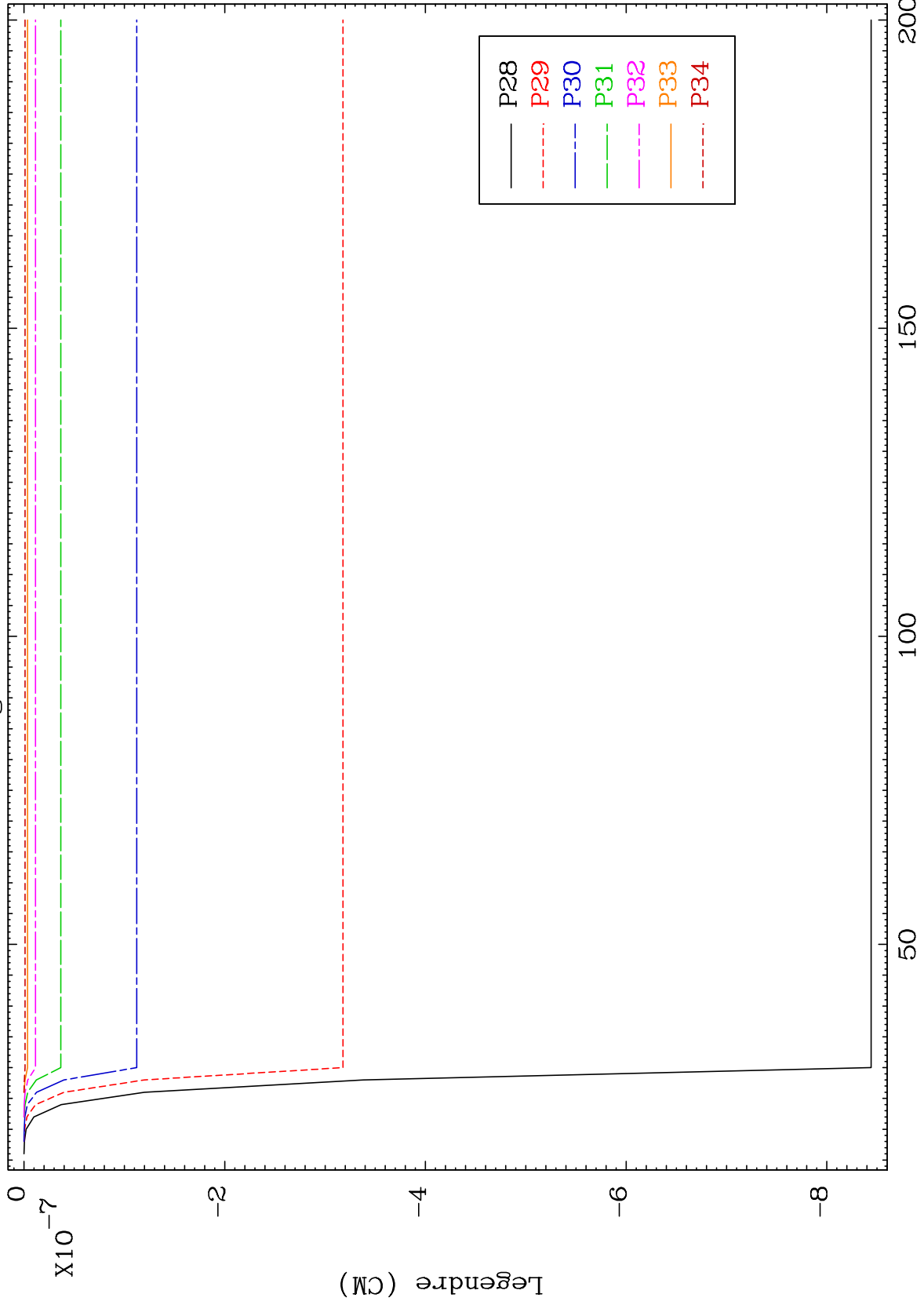
Incident Energy (MeV)

57-La-129

MAT 5698

MT= 65 (n,n') Level  
Legendre Coefficients

57-La-129



57-La-129

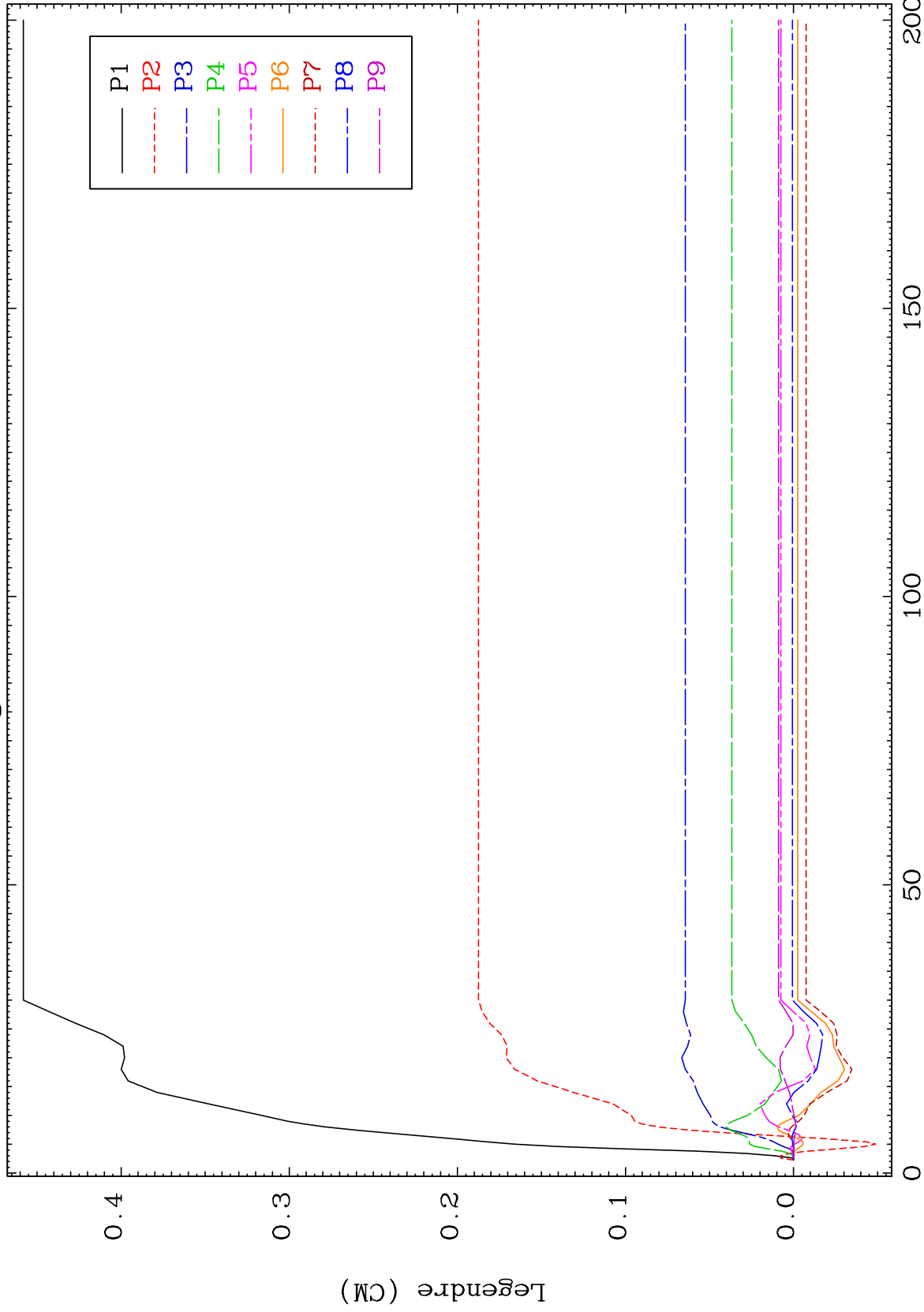
Incident Energy (MeV)

73

MAT 5698

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

57-La-129



74

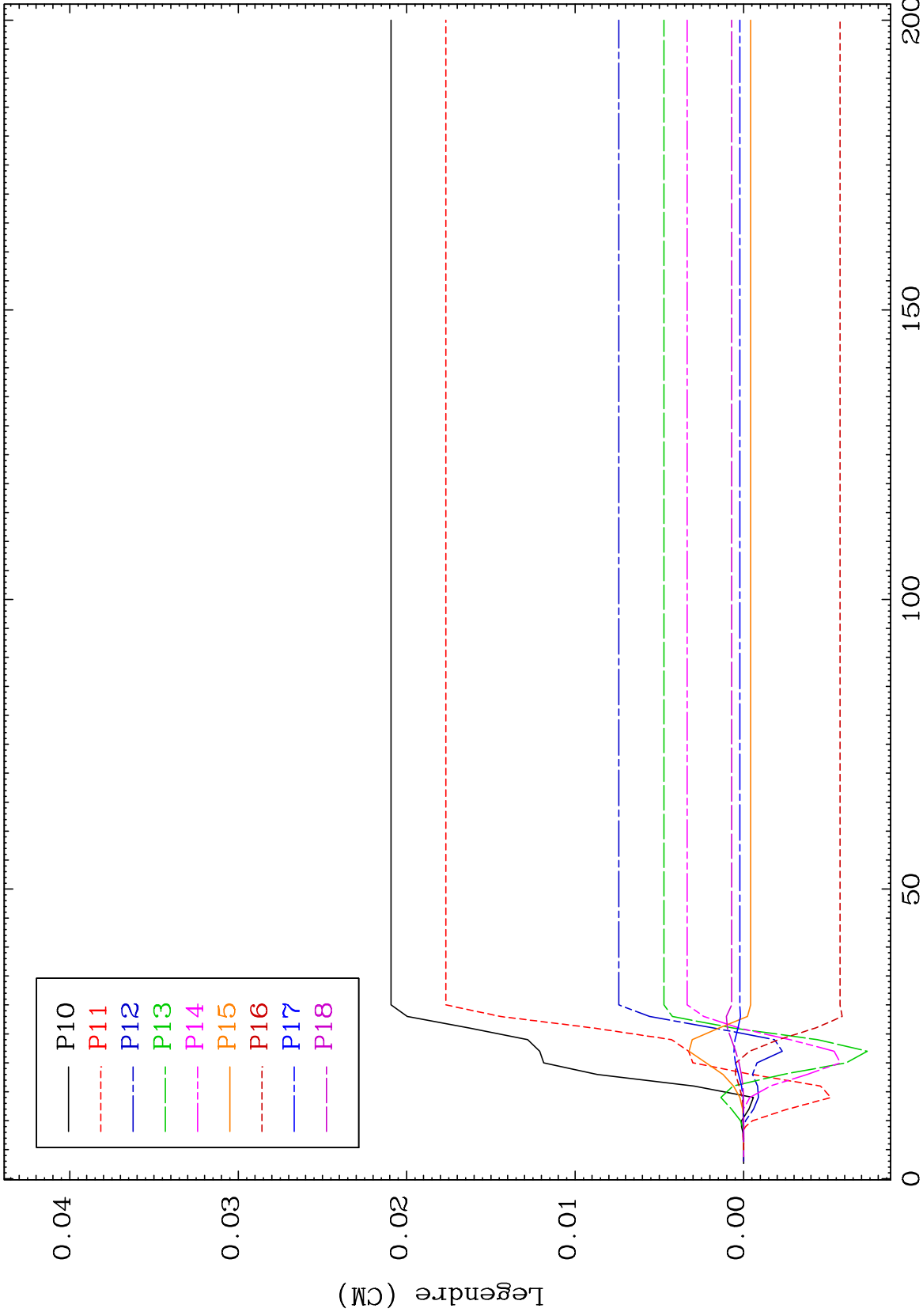
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



75

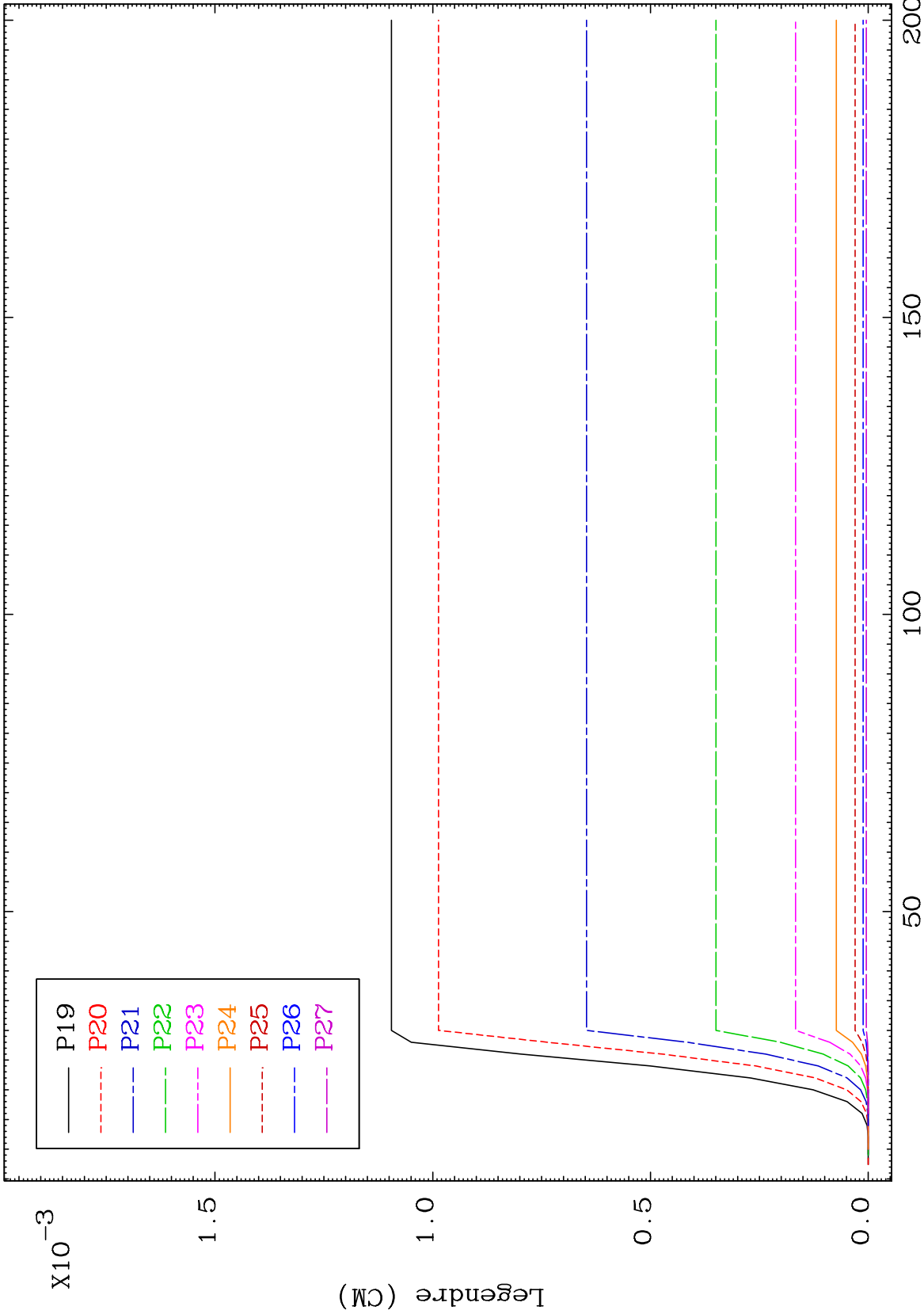
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



76

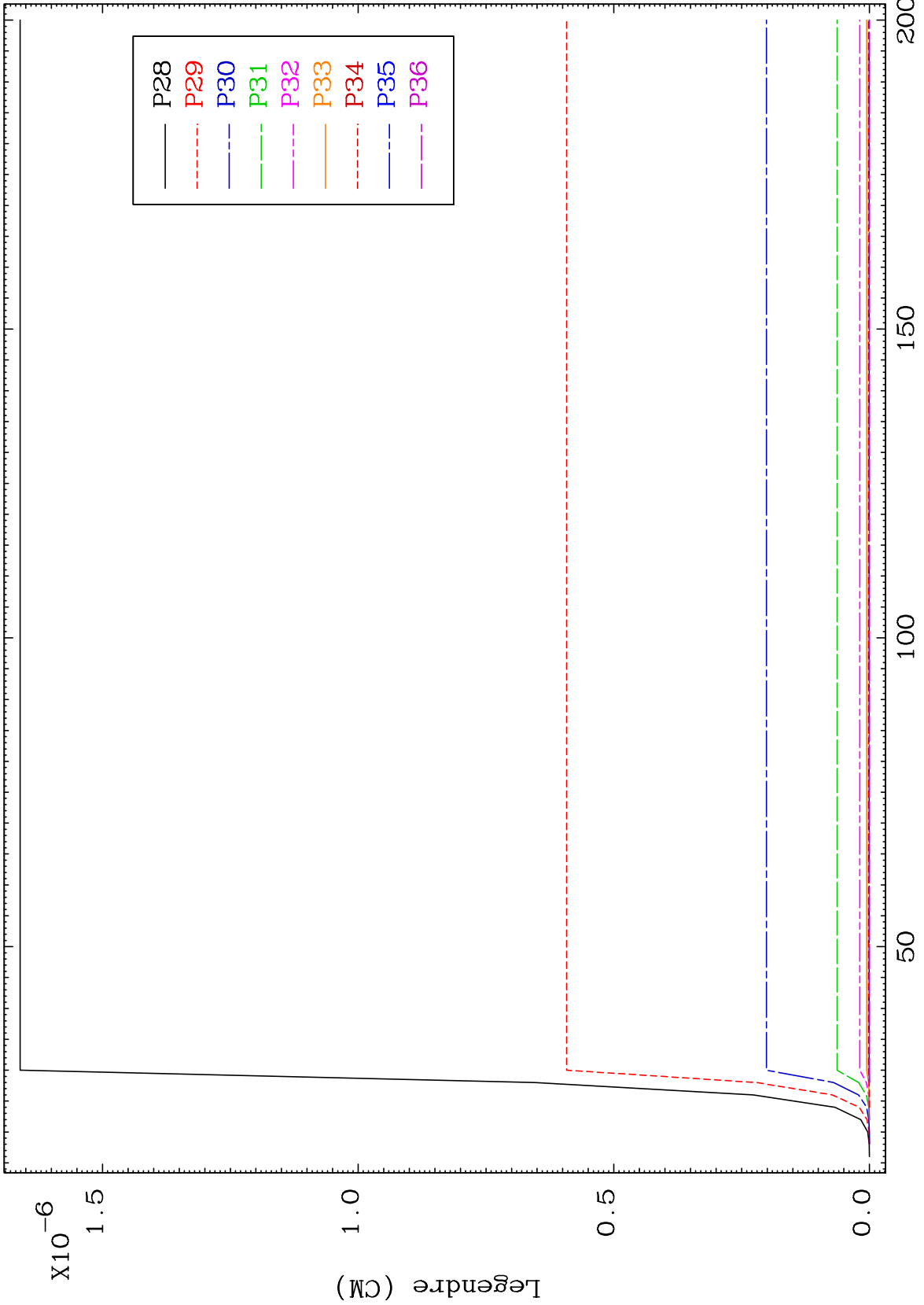
Incident Energy (MeV)

57-La-129

MAT 5698

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

57-La-129



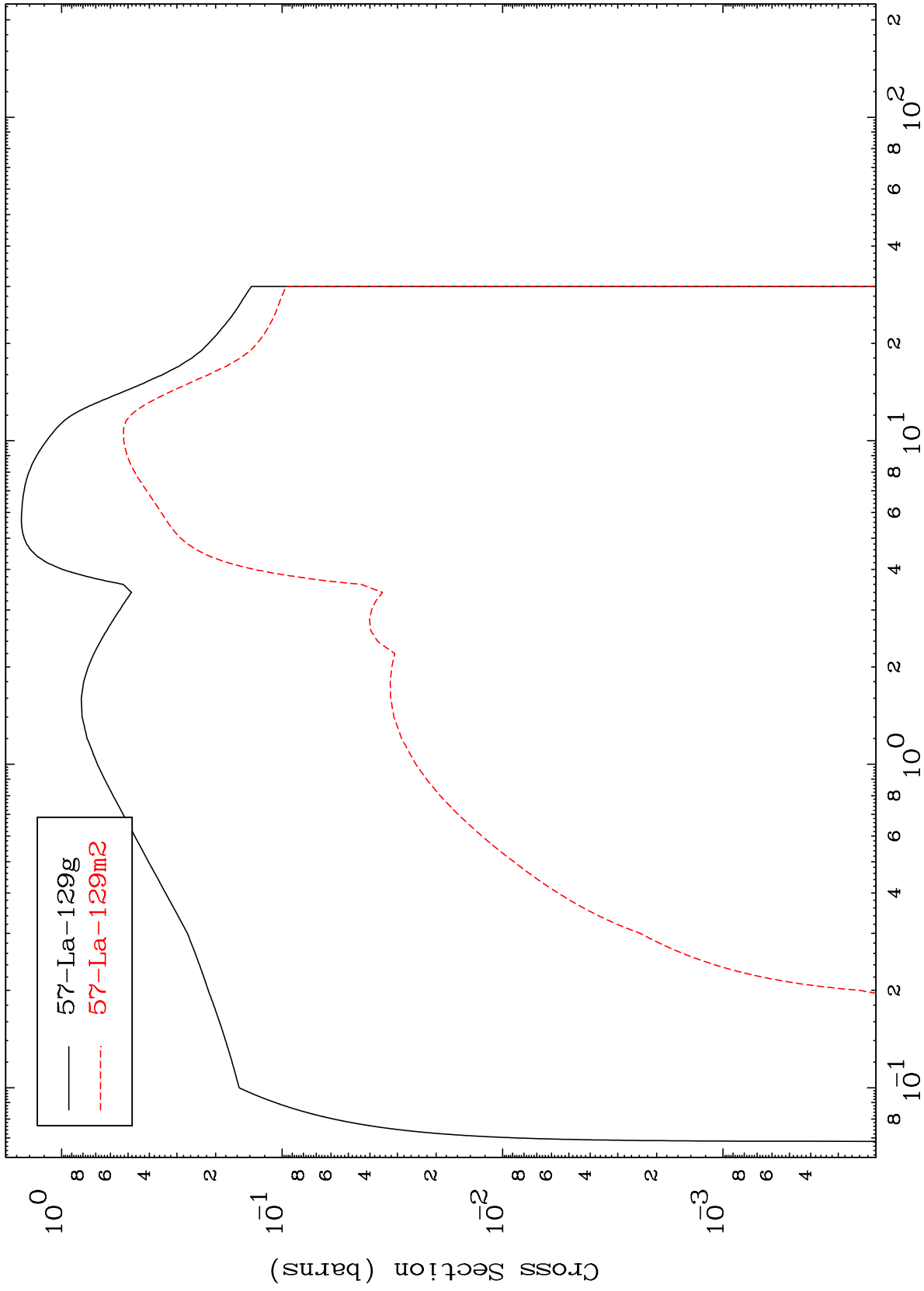
77

57-La-129

MAT 5698

57-La-129

Inelastic  
Radionuclide Production Cross Section



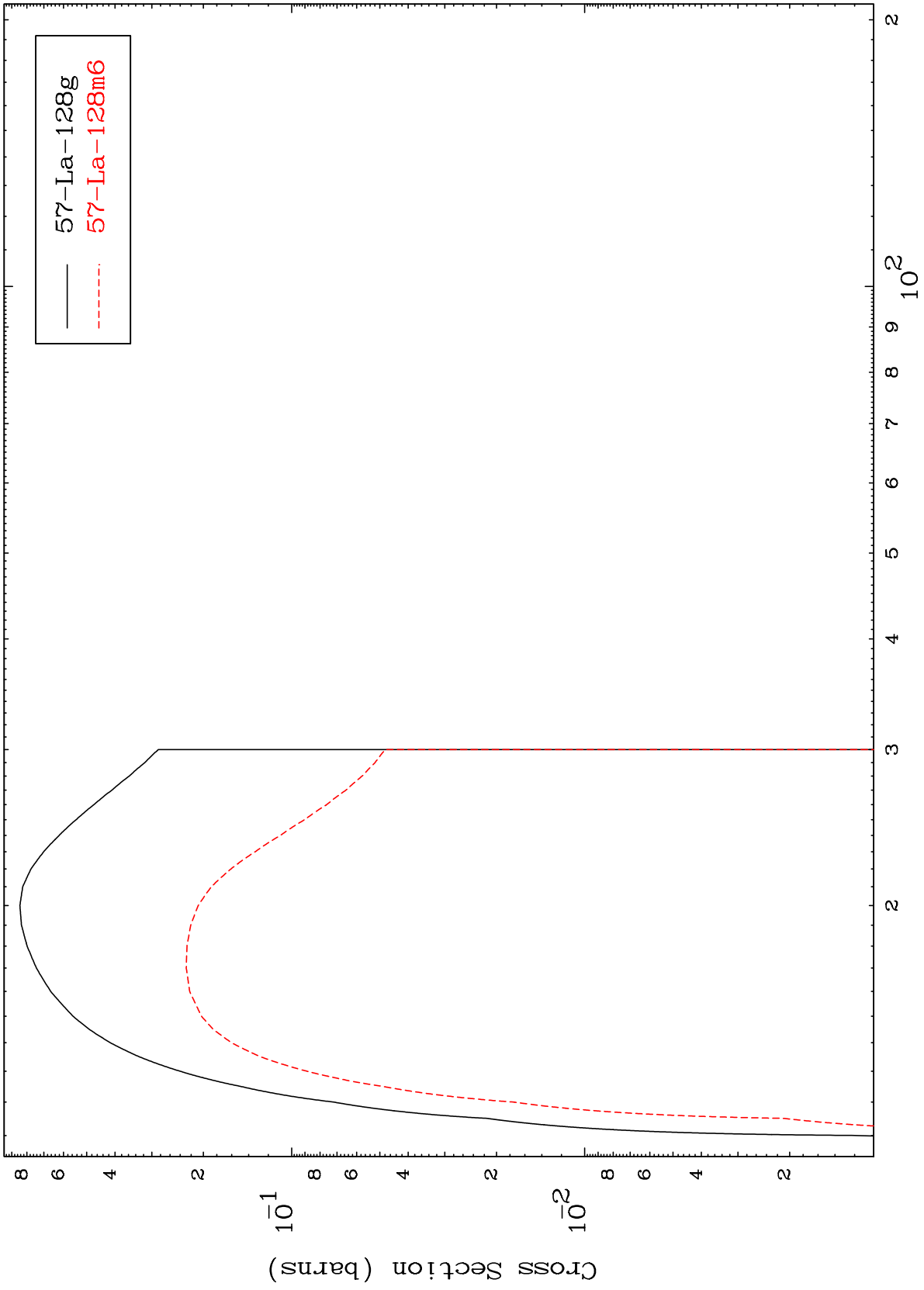
78

57-La-129

MAT 5698

57-La-129

(n,2n)  
Radionuclide Production Cross Section



57-La-128g  
57-La-128m6

79

Incident Energy (MeV)

57-La-129

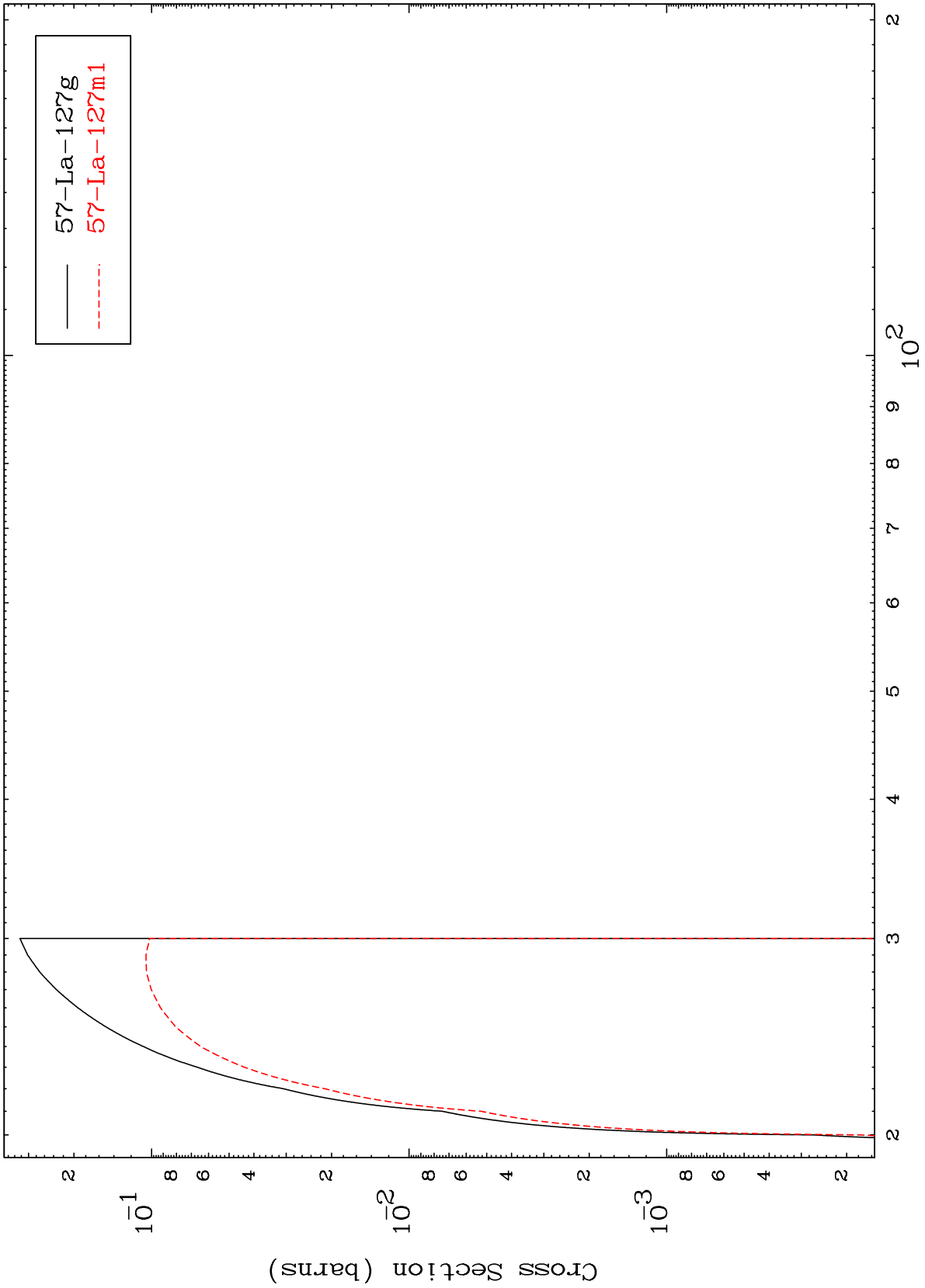


MAT 5698

(n,3n)

57-La-129

Radionuclide Production Cross Section



80

Incident Energy (MeV)

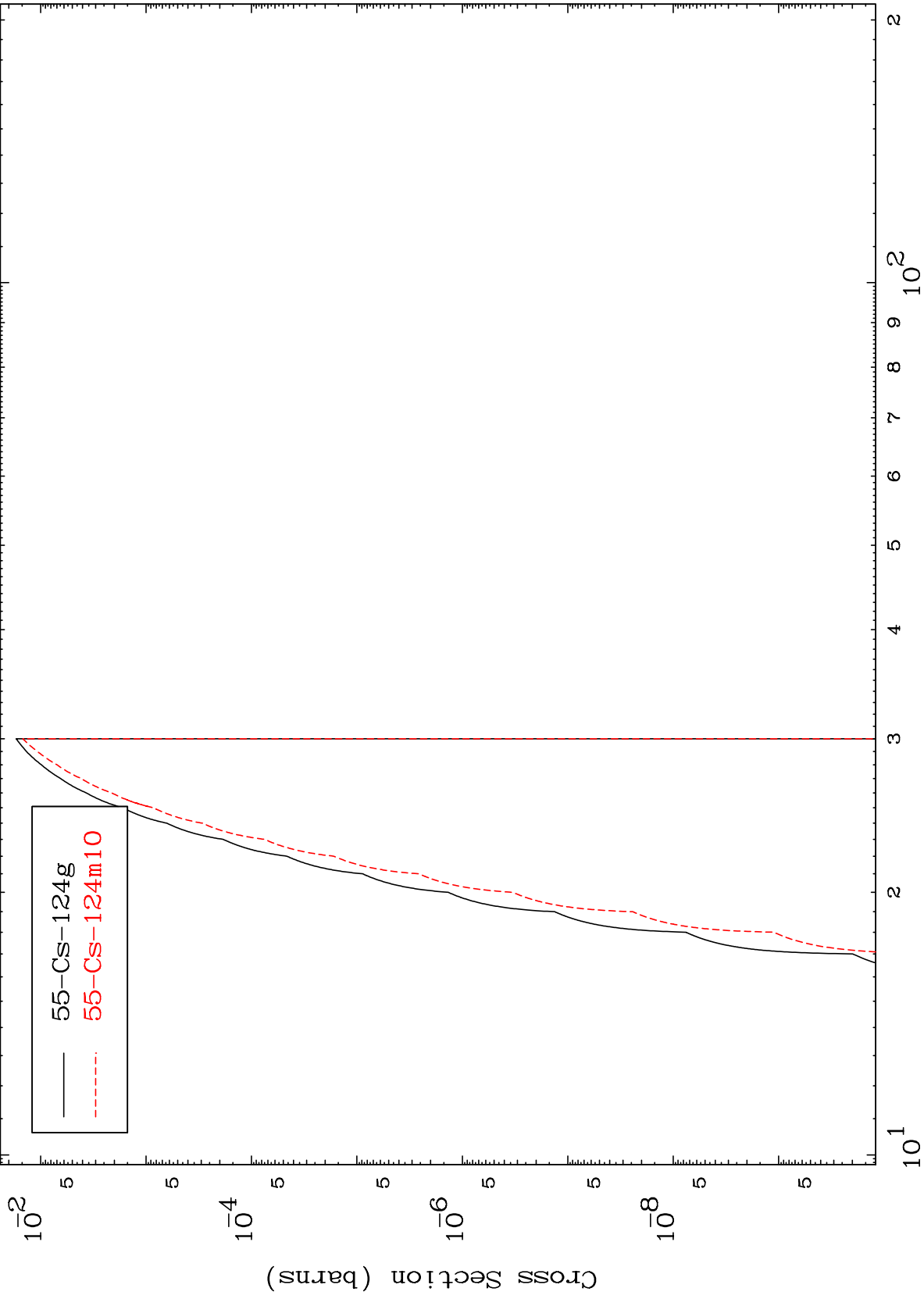
57-La-129

MAT 5698

(n,2n)  $\alpha$

57-La-129

Radionuclide Production Cross Section



81

Incident Energy (MeV)

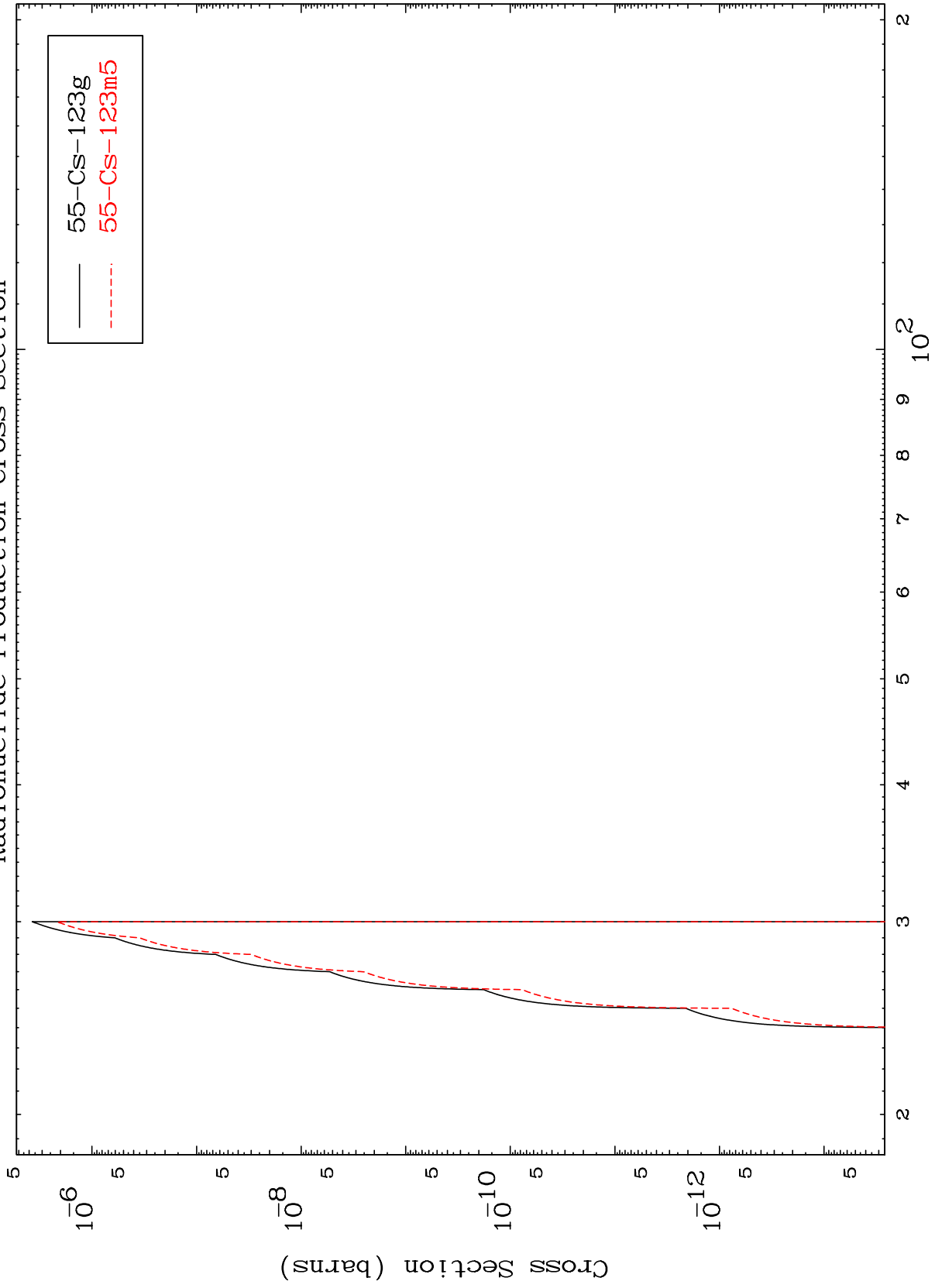
57-La-129

MAT 5698

(n,3n)  $\alpha$

57-La-129

Radionuclide Production Cross Section



82

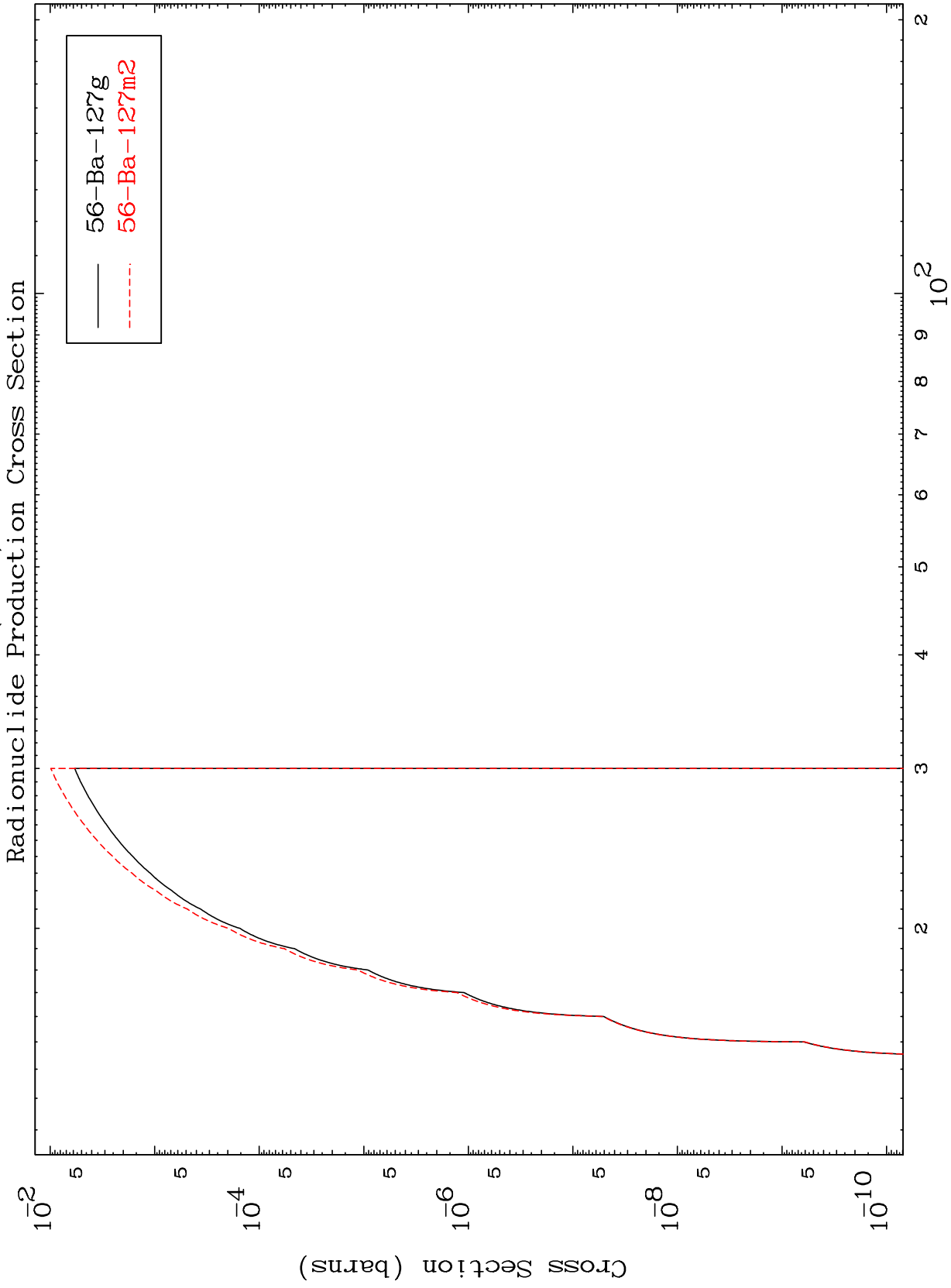
Incident Energy (MeV)

57-La-129

MAT 5698

(n,n') d

57-La-129



83

Incident Energy (MeV)

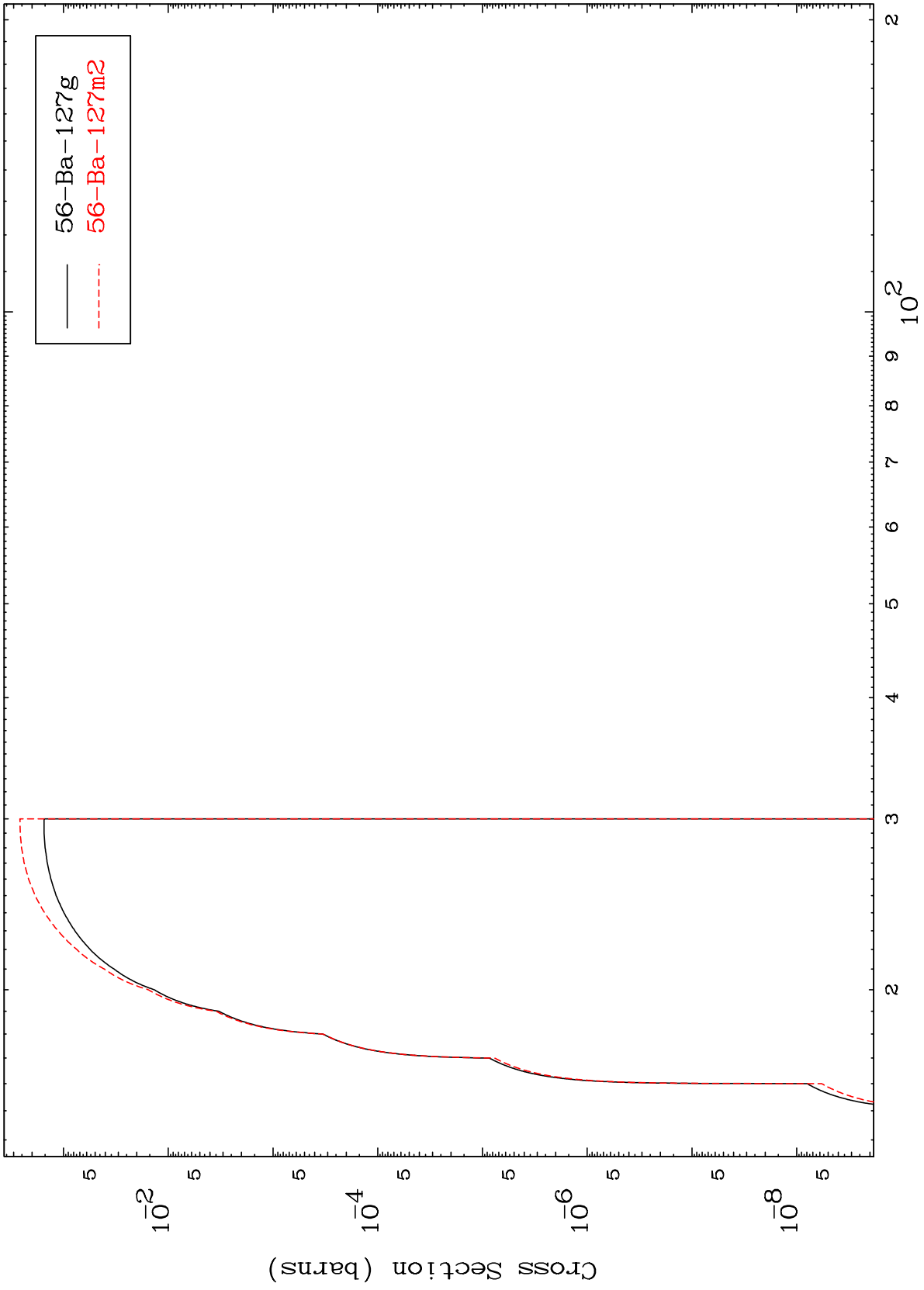
57-La-129

MAT 5698

(n,2n) p

57-La-129

Radionuclide Production Cross Section



84

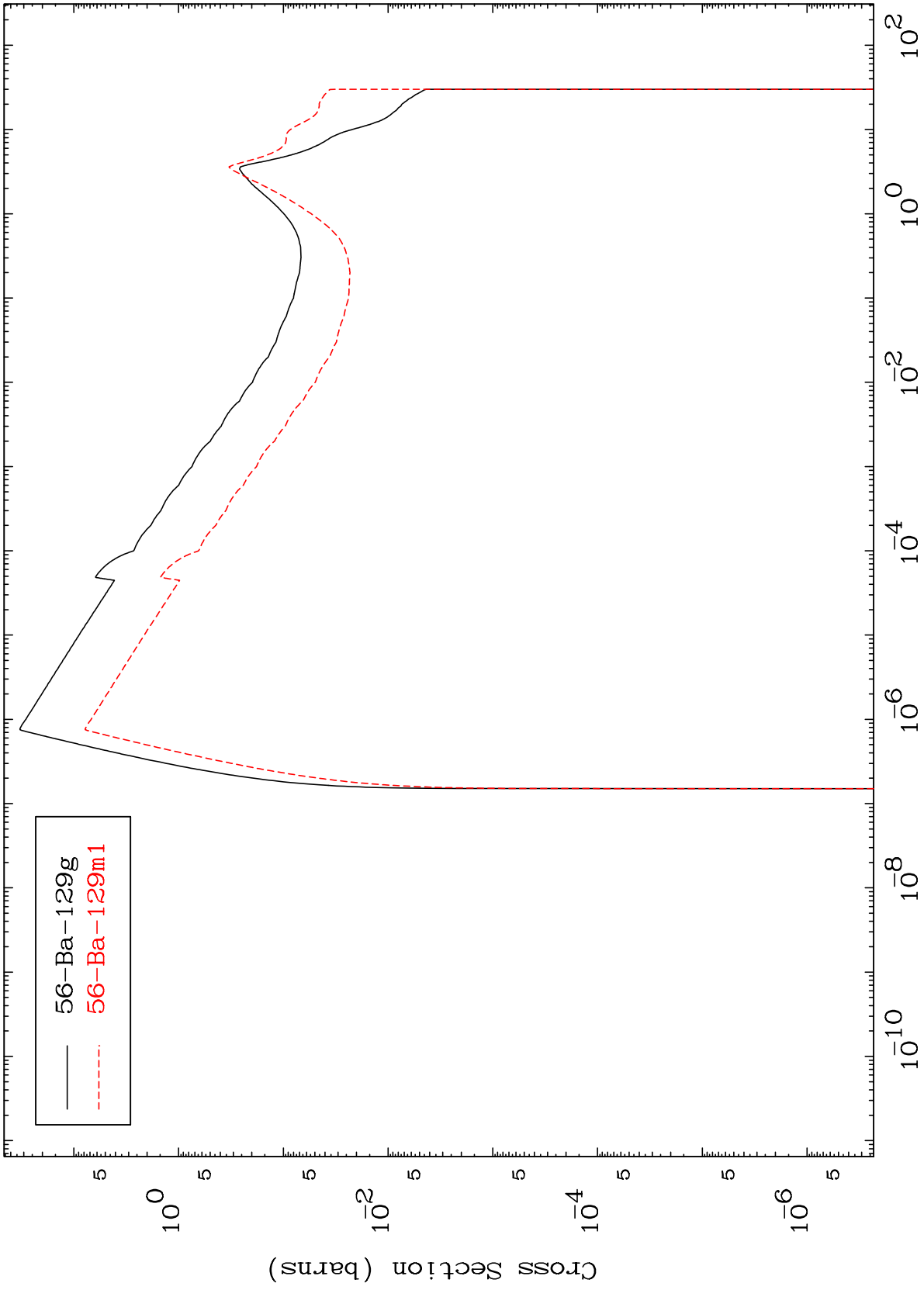
Incident Energy (MeV)

57-La-129

MAT 5698

57-La-129

Radionuclide Production Cross Section (n,p)



56-Ba-129g  
56-Ba-129m1

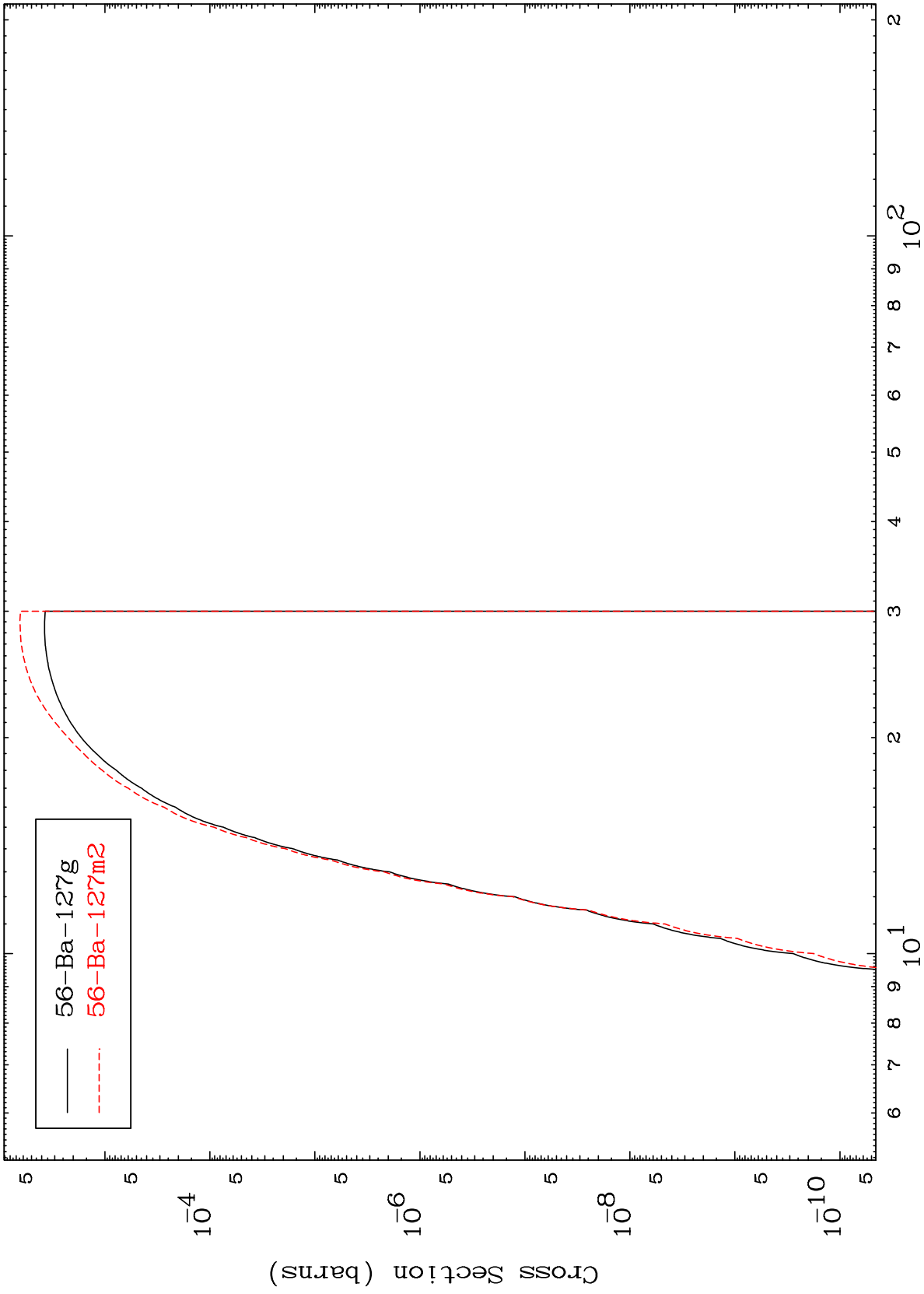
85

57-La-129

MAT 5698

57-La-129

Radionuclide Production Cross Section (n, t)



86

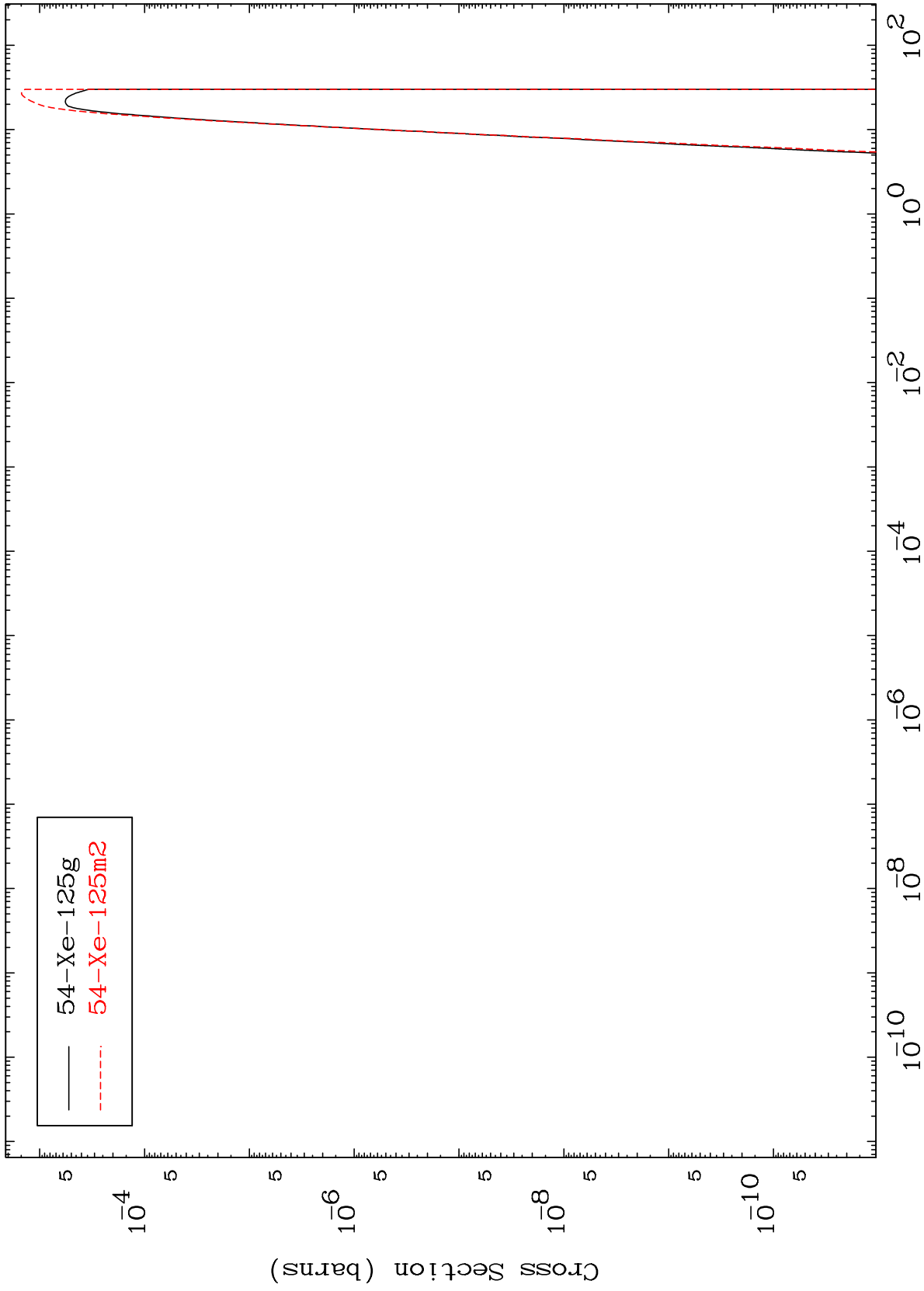
57-La-129

MAT 5698

(n,p)  $\alpha$

57-La-129

Radionuclide Production Cross Section



87

Incident Energy (MeV)

57-La-129