

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

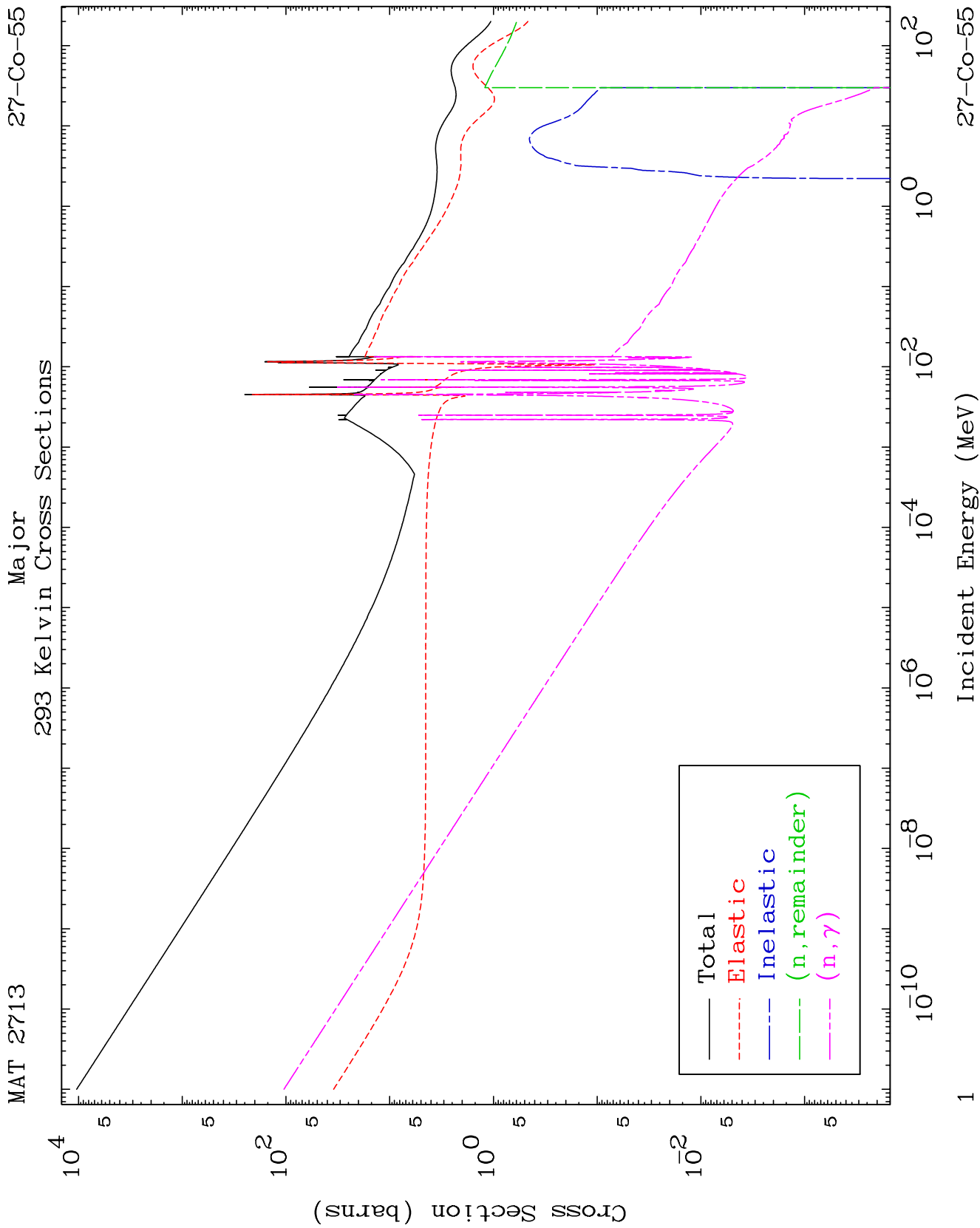
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

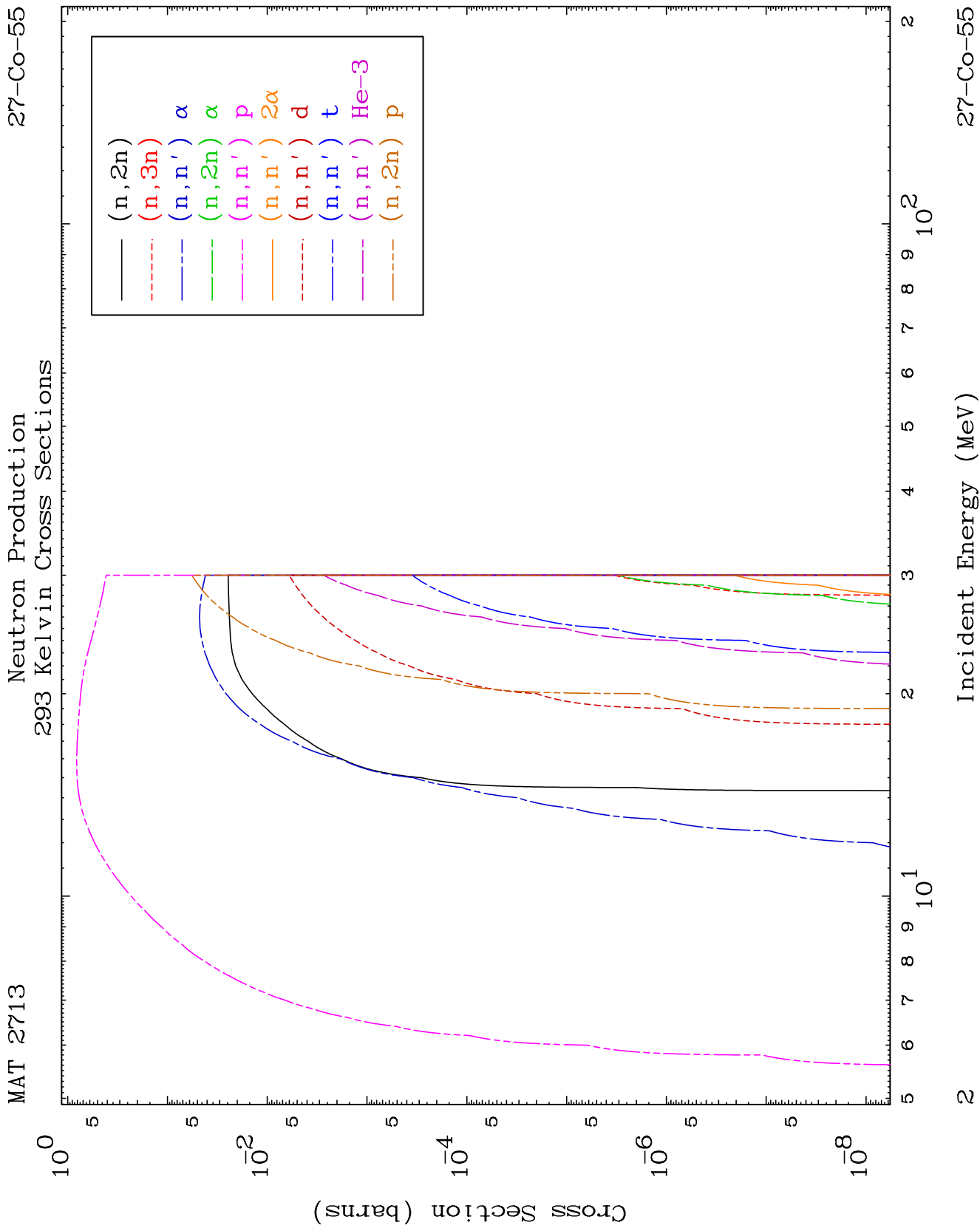
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

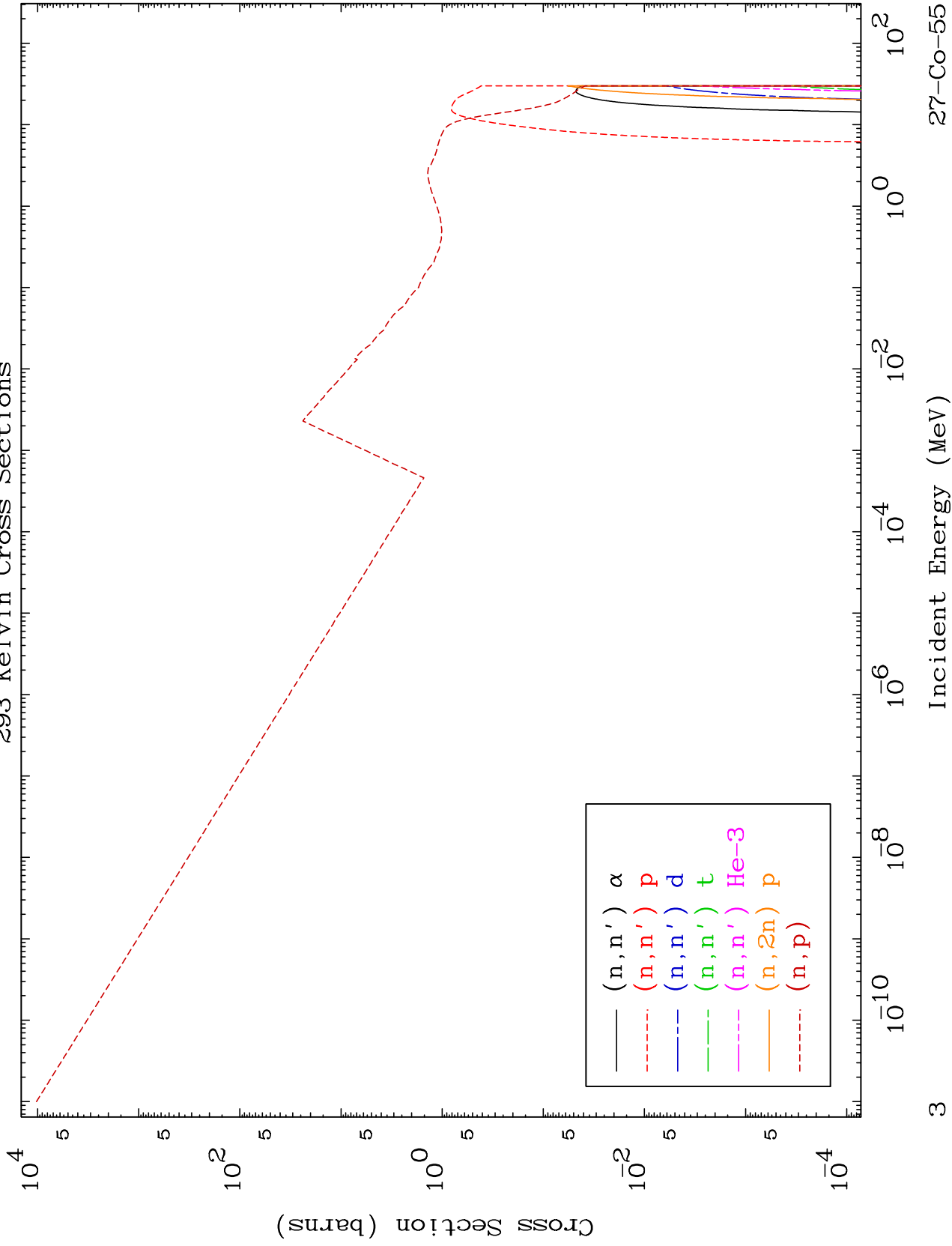




MAT 2713

Charged Particle  
293 Kelvin Cross Sections

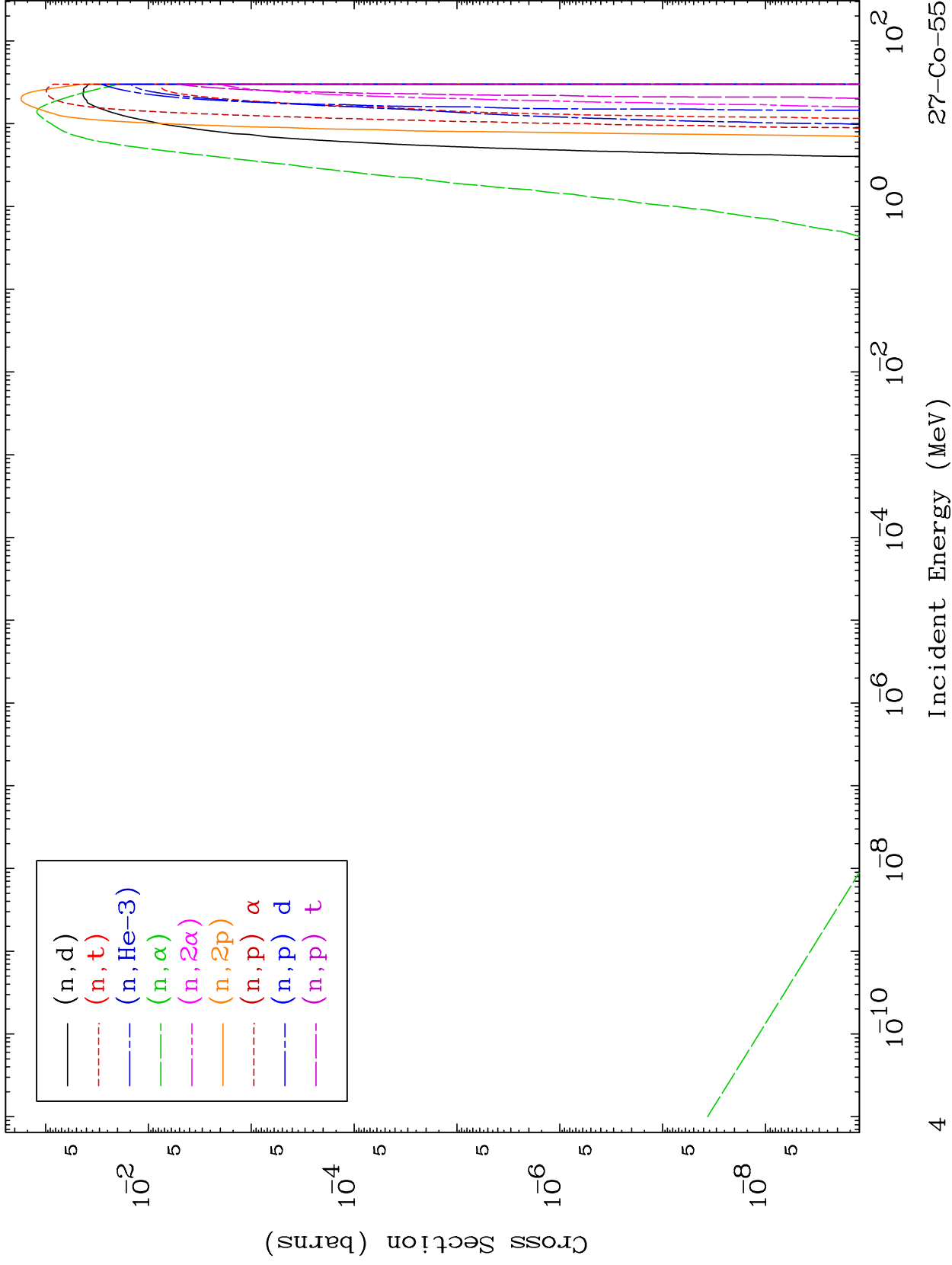
27-Co-55



MAT 2713

Charged Particle  
293 Kelvin Cross Sections

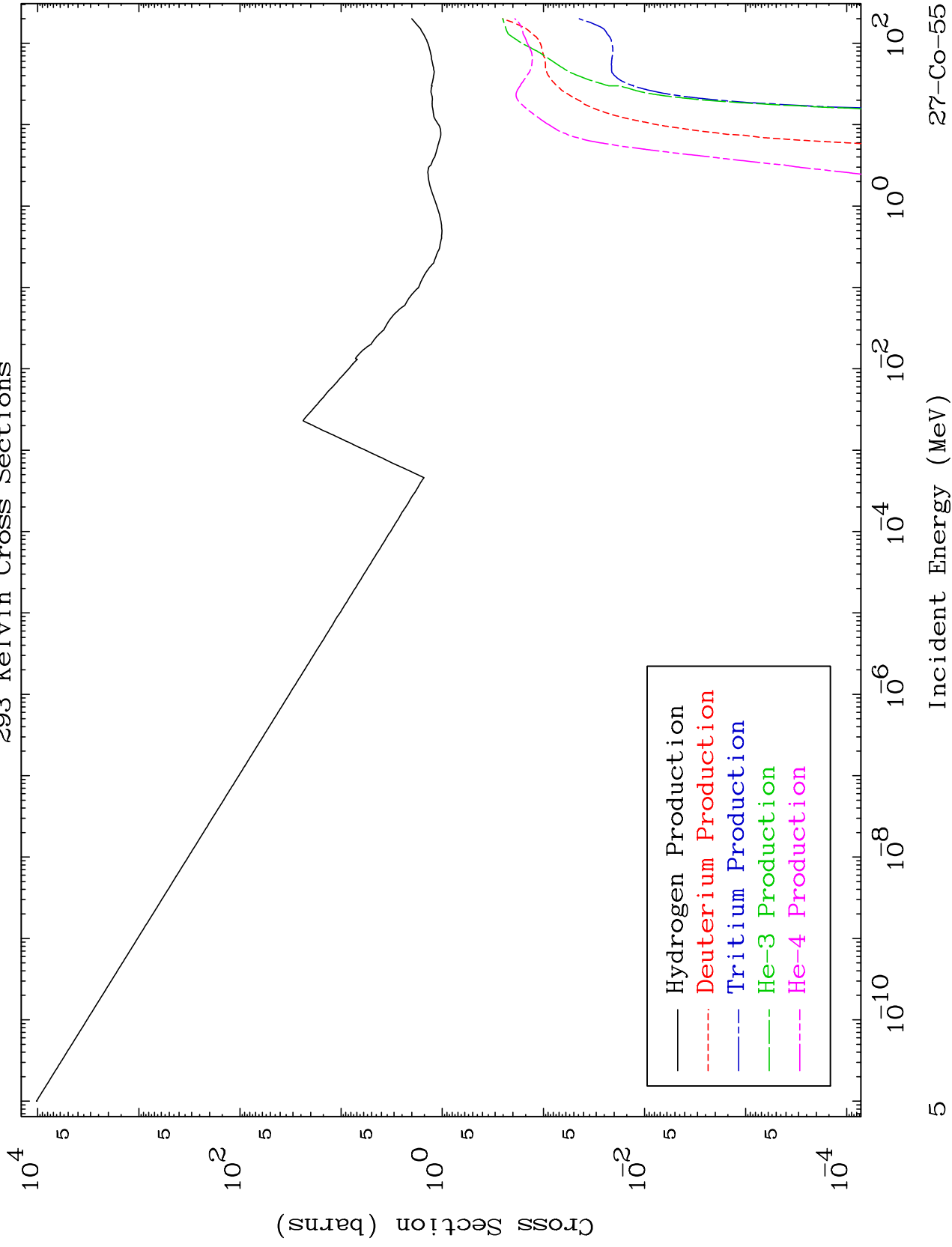
27-Co-55



MAT 2713

Particle Production  
293 Kelvin Cross Sections

27-Co-55

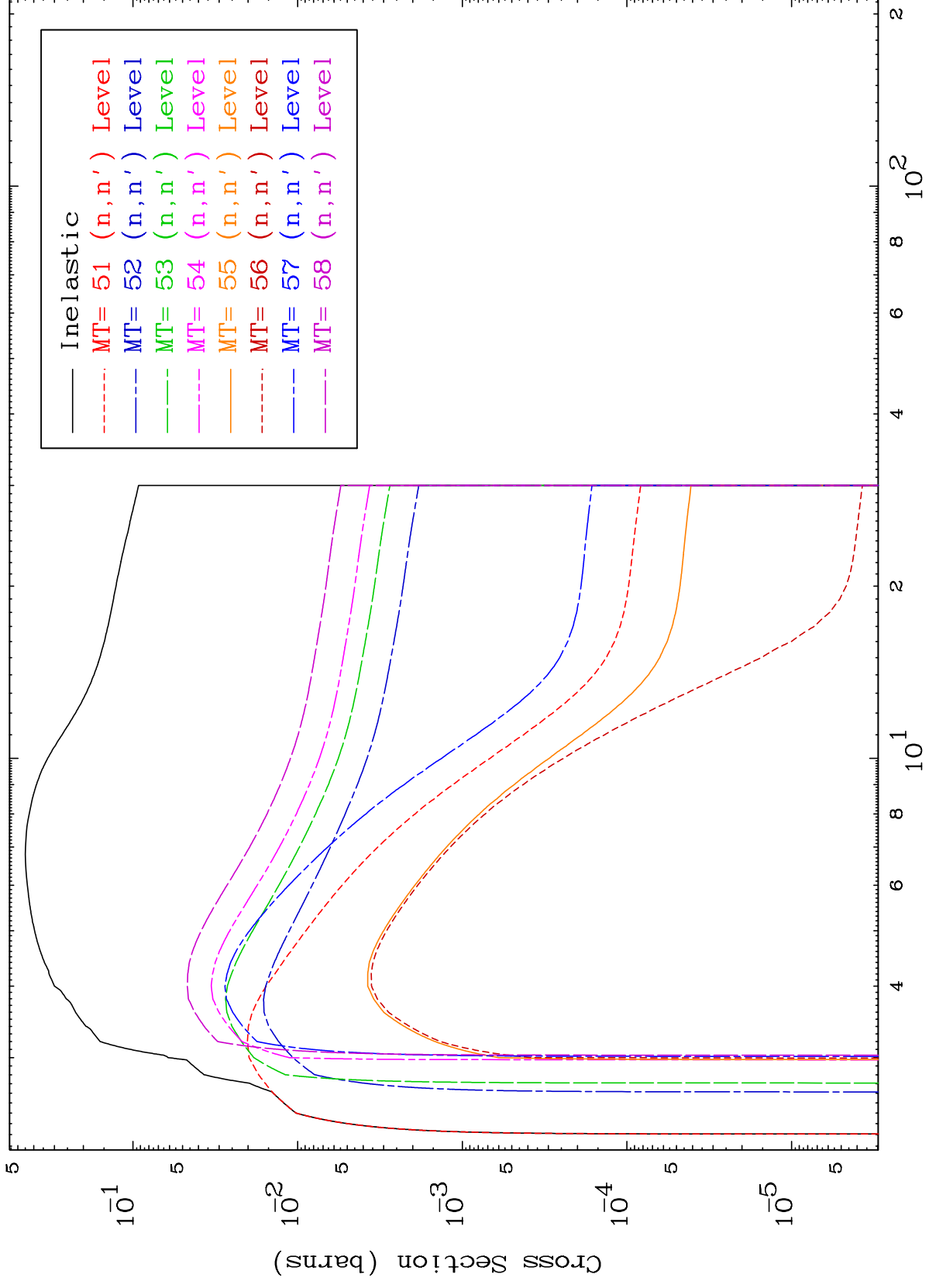


MAT 2713

(n,n') Level

27-Co-55

293 Kelvin Cross Sections



6

Incident Energy (MeV)

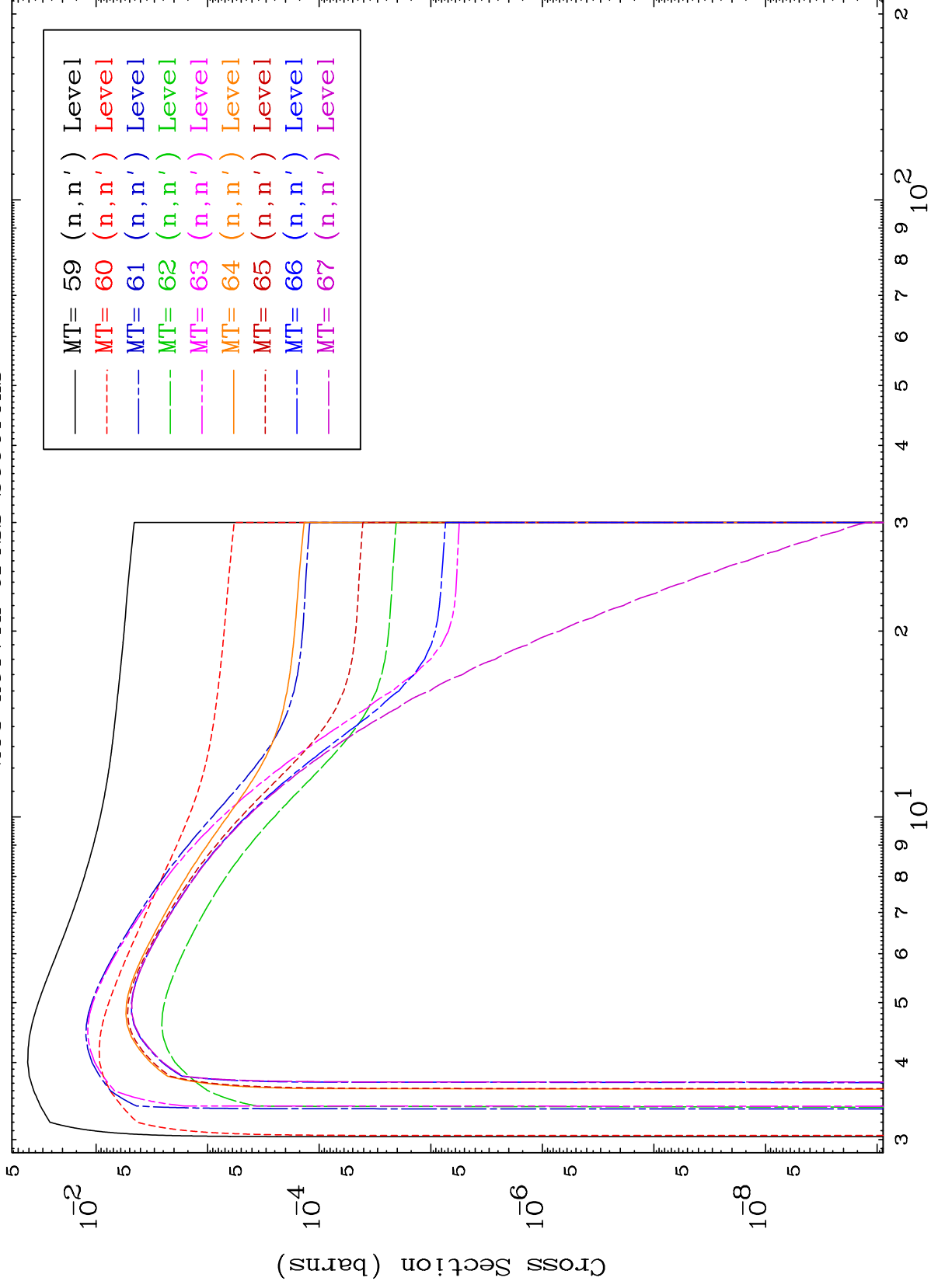
27-Co-55

MAT 2713

(n,n') Level

27-Co-55

293 Kelvin Cross Sections



7

Incident Energy (MeV)

27-Co-55

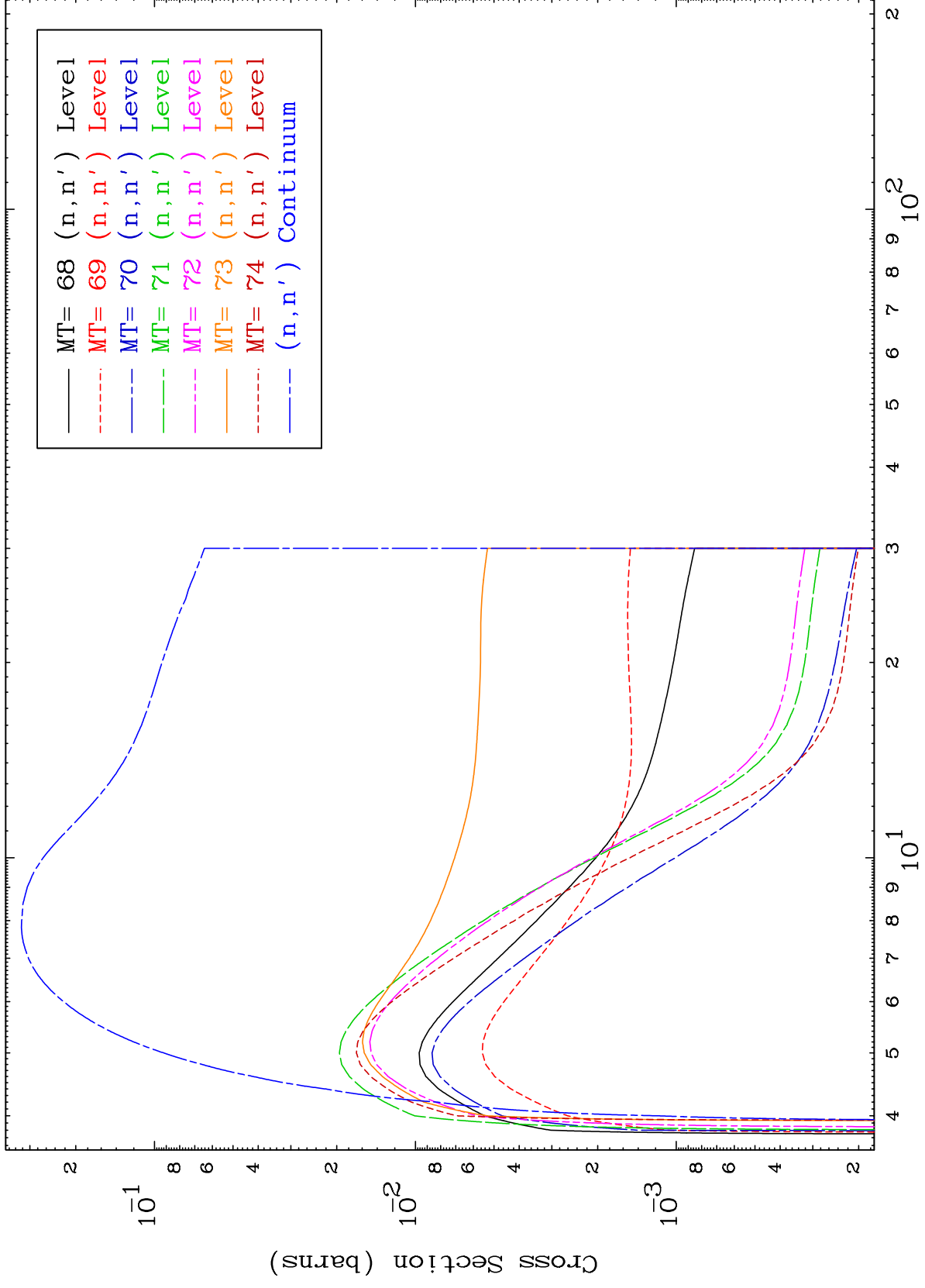


MAT 2713

(n,n') Level

27-Co-55

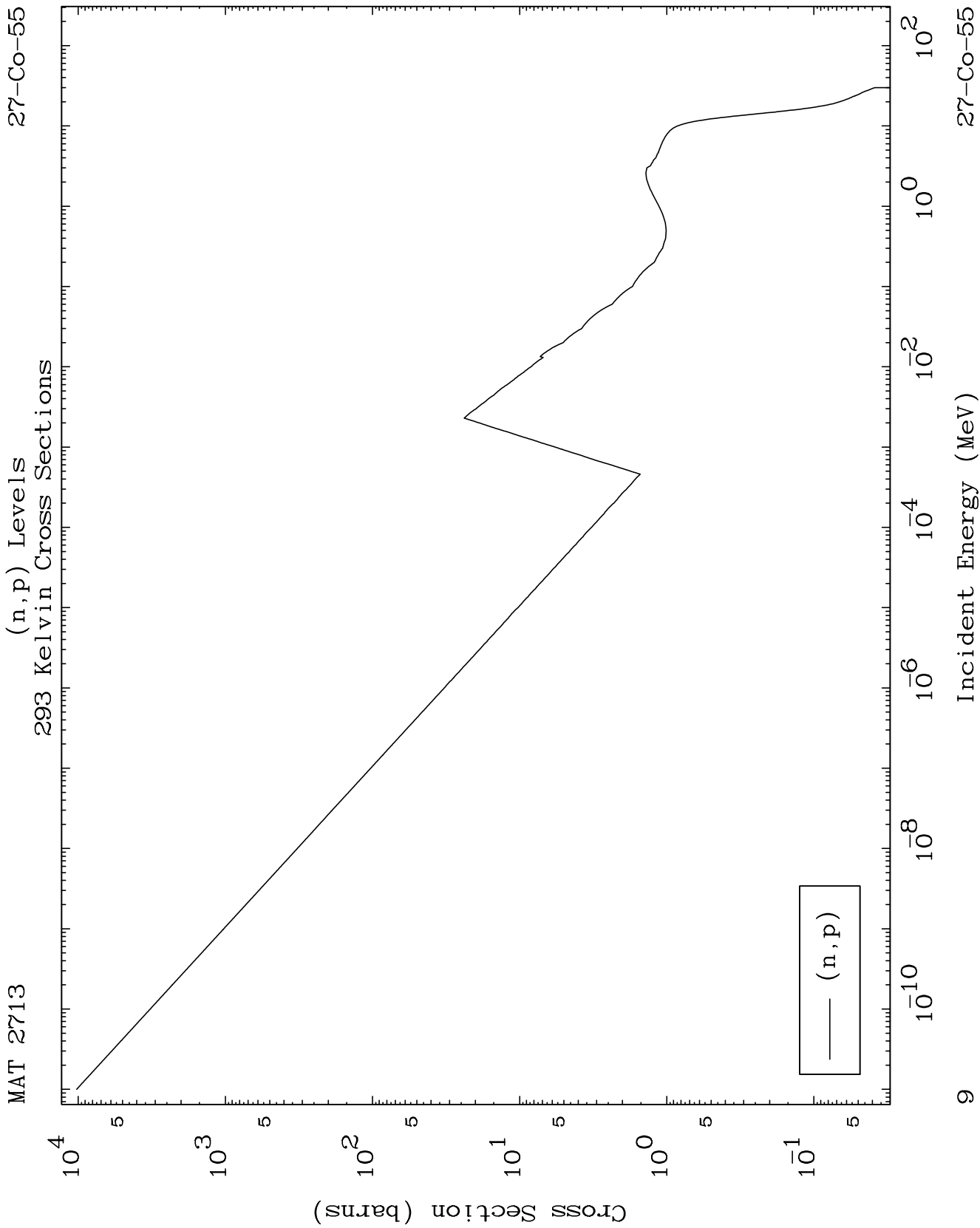
293 Kelvin Cross Sections



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Incident Energy (MeV)

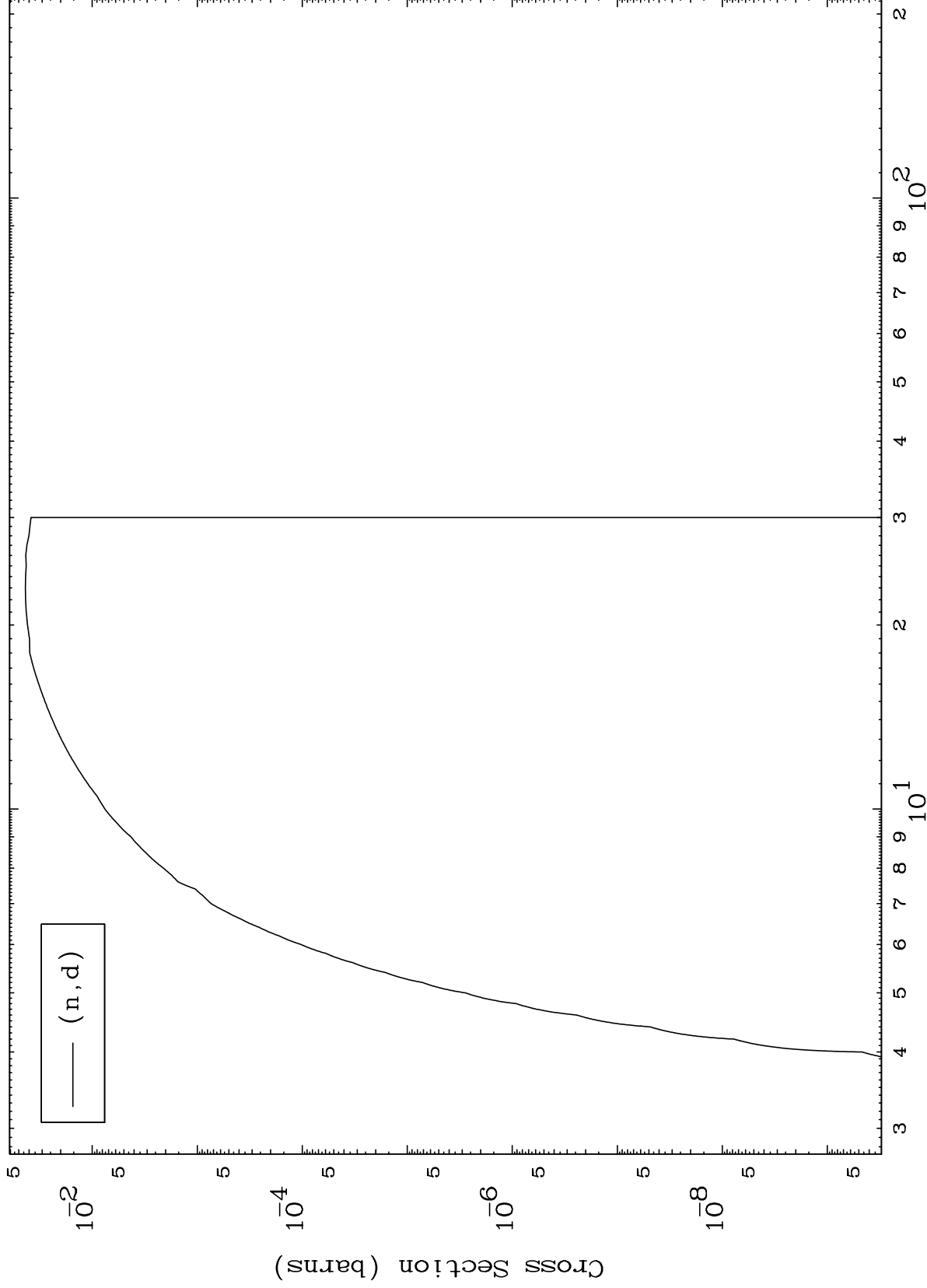
27-Co-55



MAT 2713

(n,d) Levels  
293 Kelvin Cross Sections

27-Co-55



10

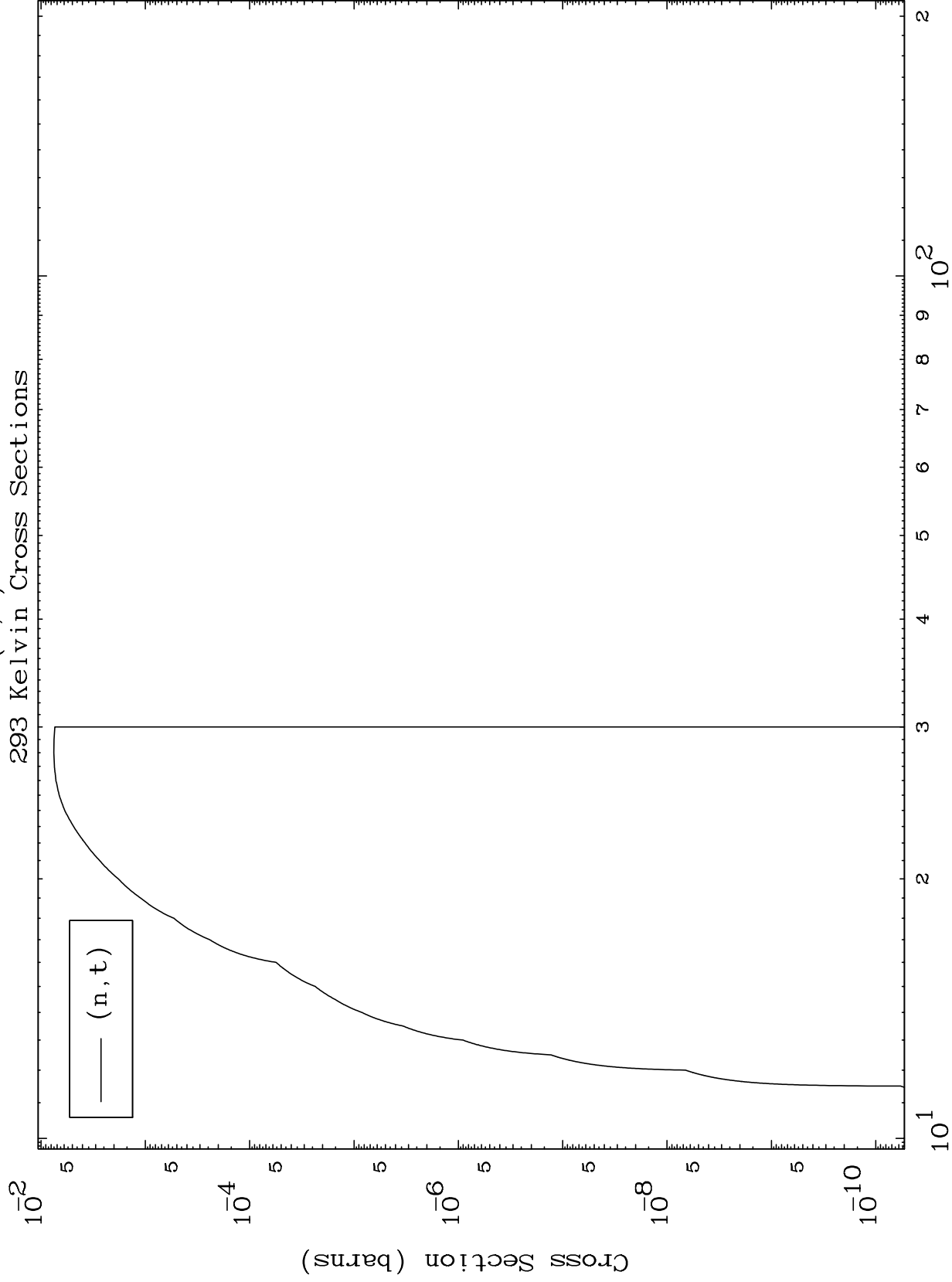
Incident Energy (MeV)

27-Co-55

MAT 2713

(n,t) Levels  
293 Kelvin Cross Sections

27-Co-55



Incident Energy (MeV)

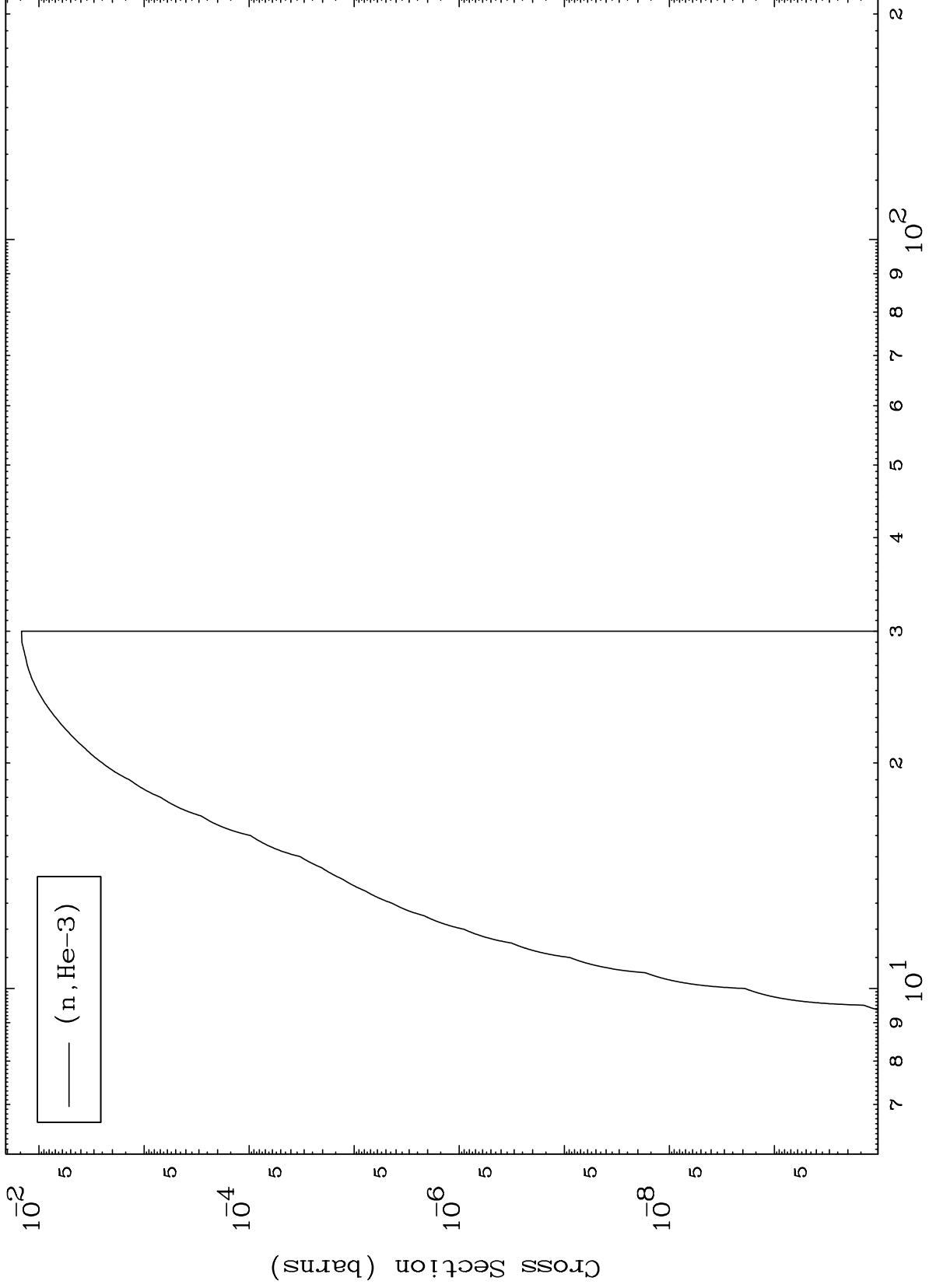
27-Co-55

11

MAT 2713

(n,He3) Levels  
293 Kelvin Cross Sections

27-Co-55



12

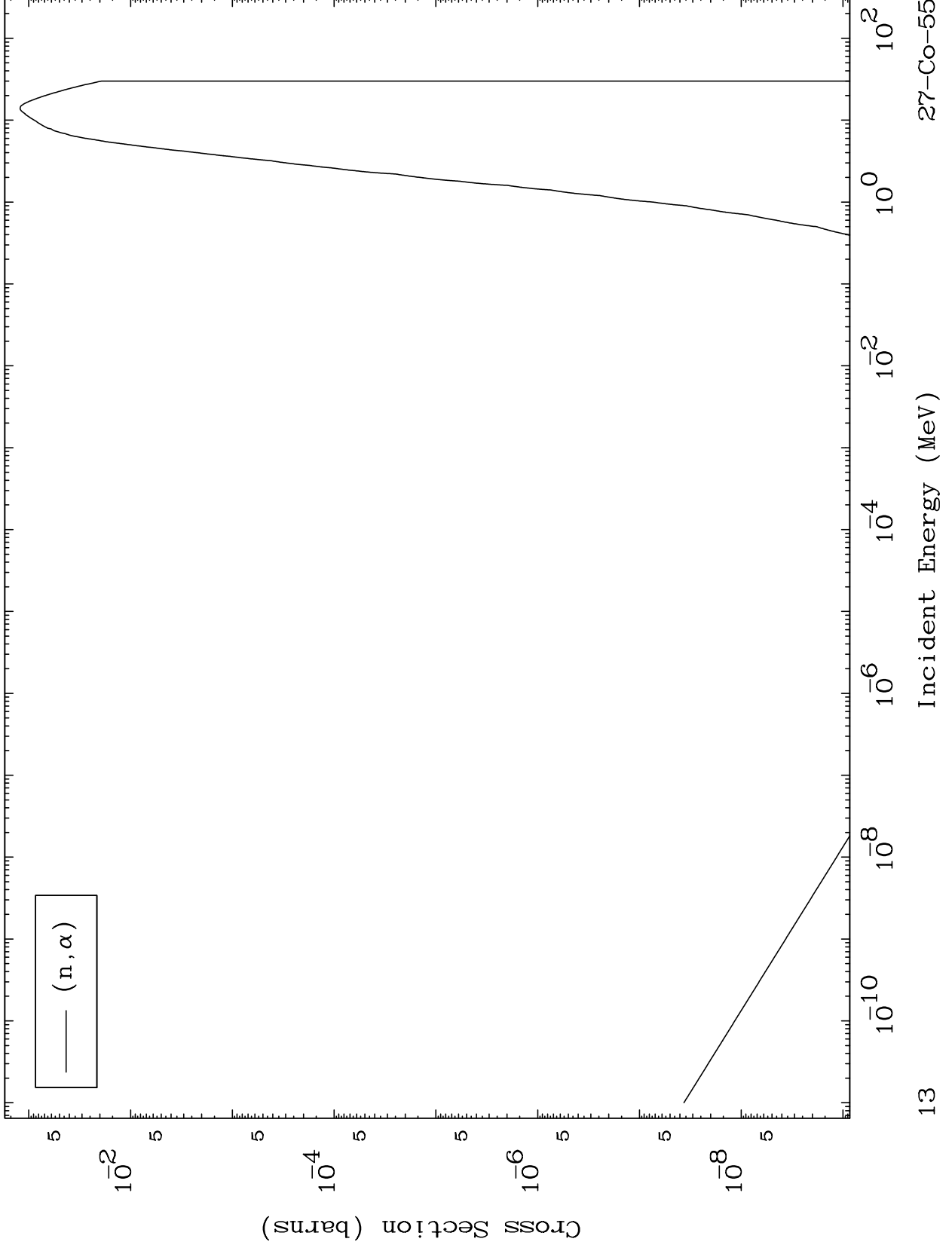
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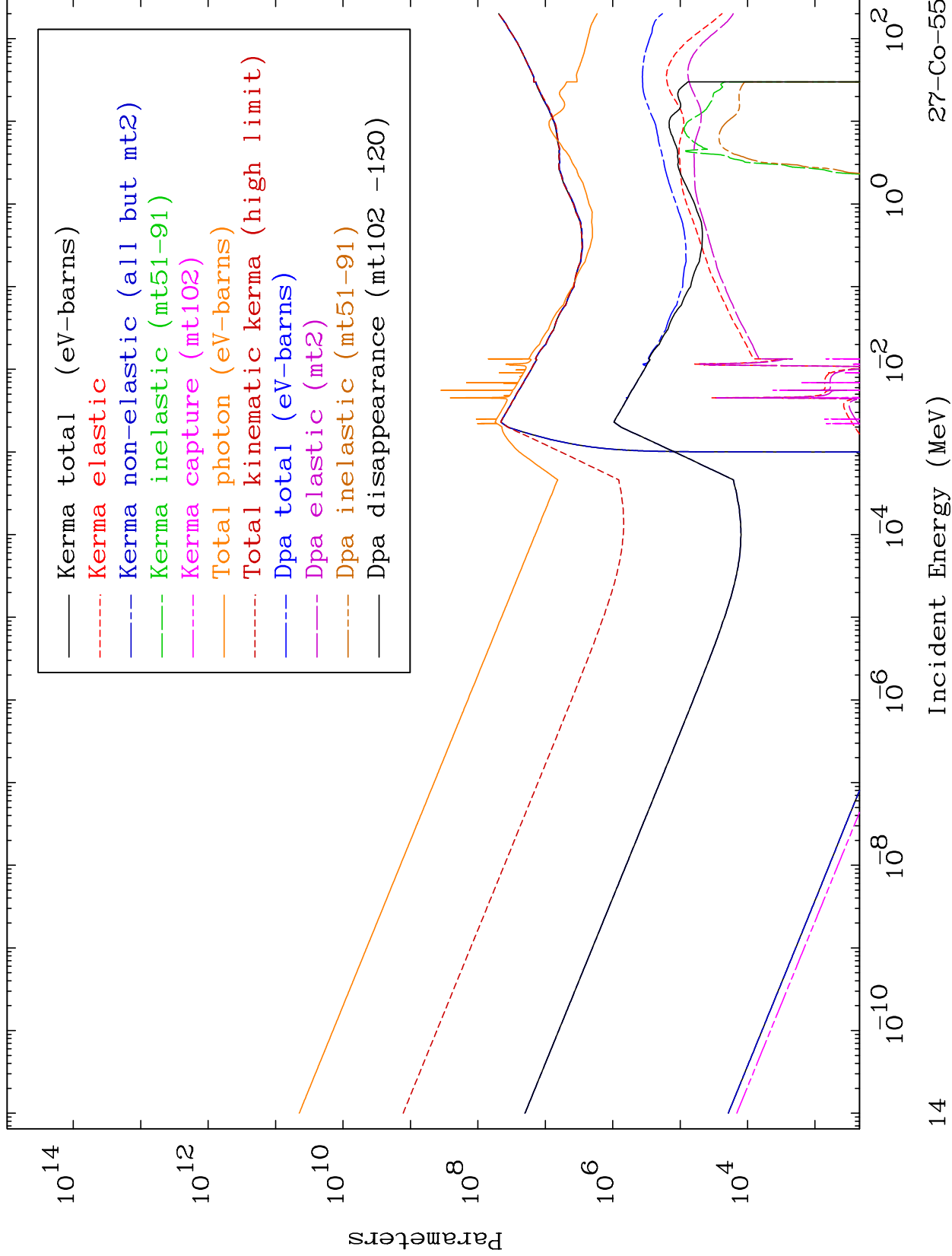
27-Co-55

MAT 2713

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

27-Co-55

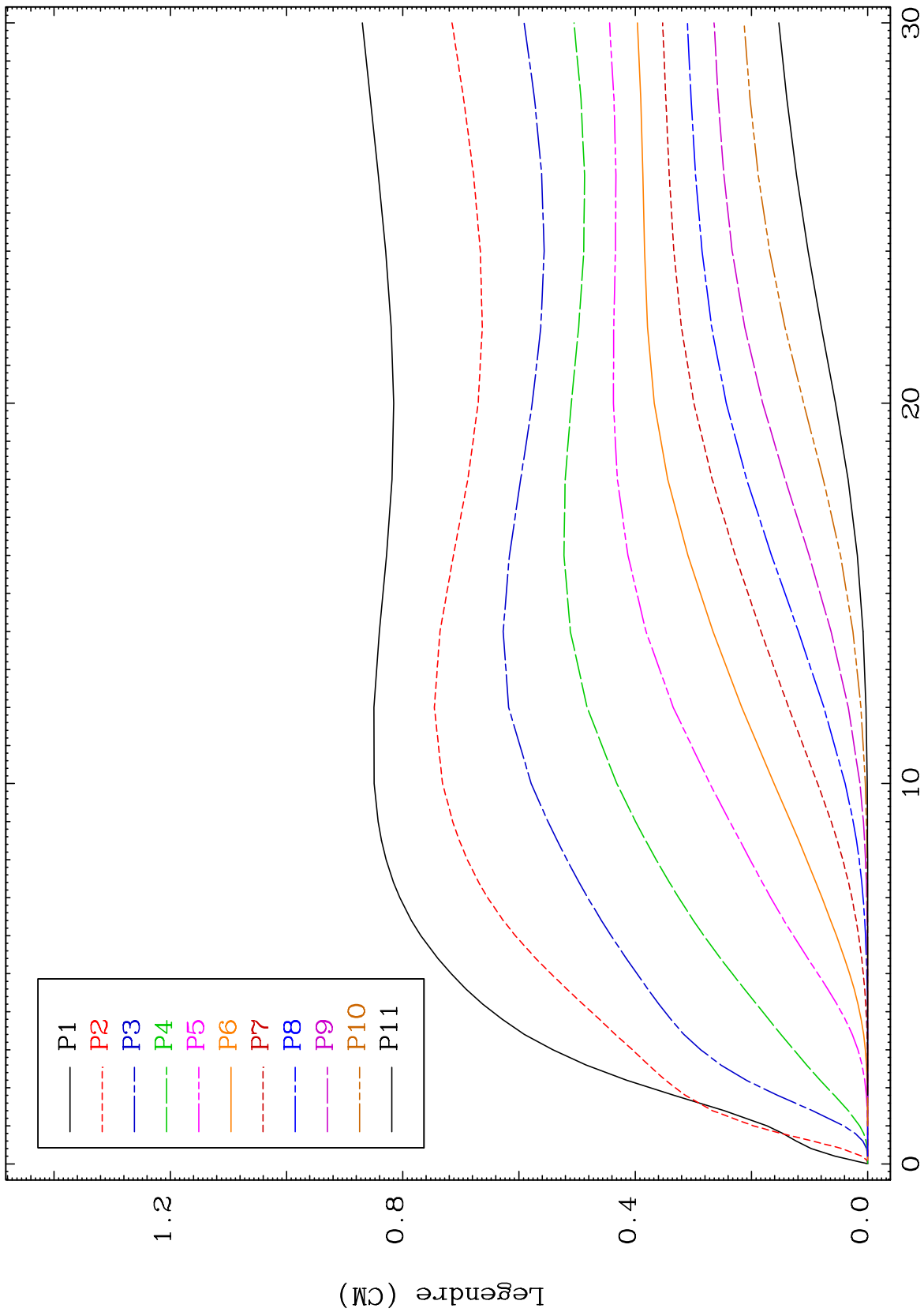




MAT 2713

Elastic Legendre Coefficients

27-Co-55

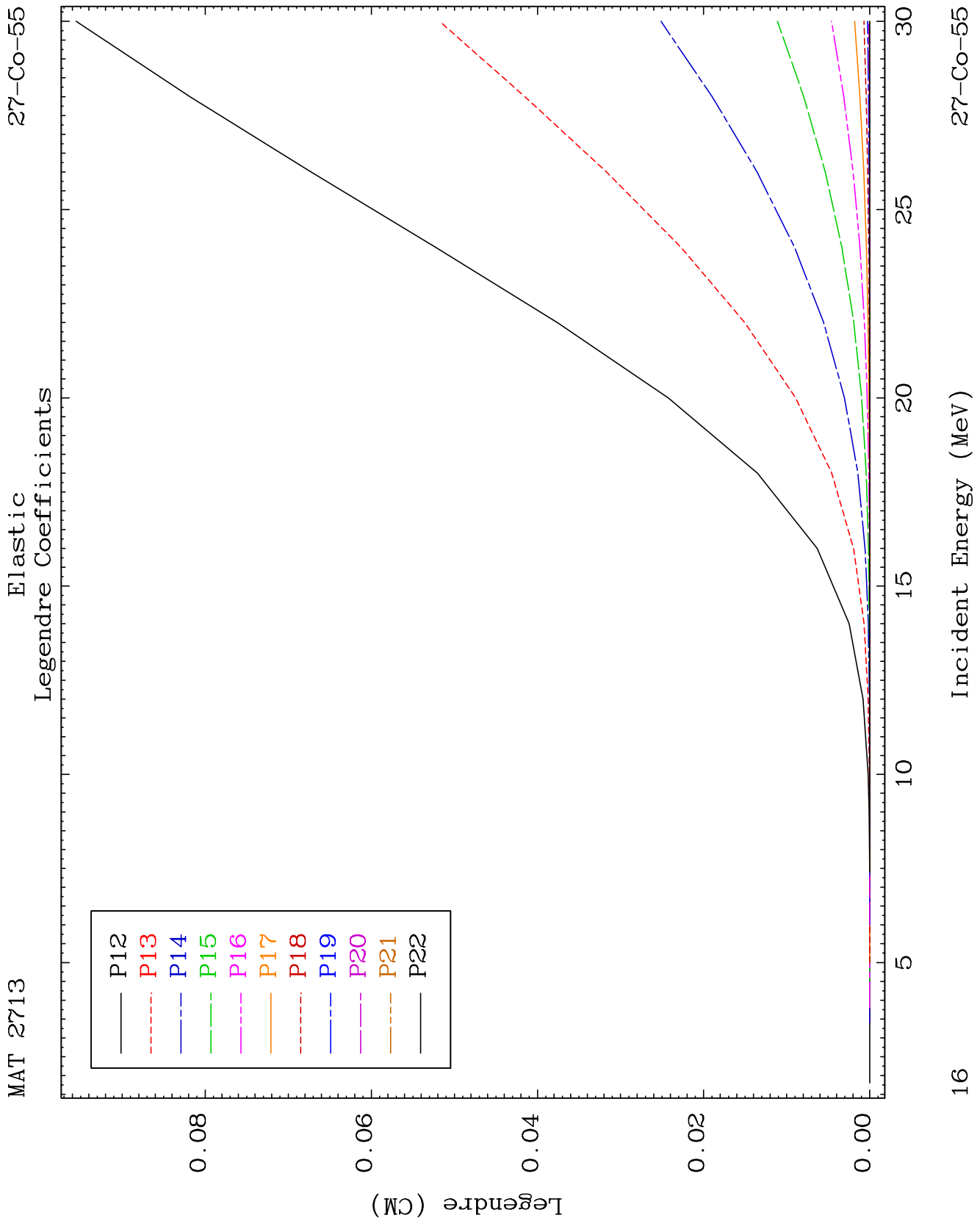


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Incident Energy (MeV)

27-Co-55



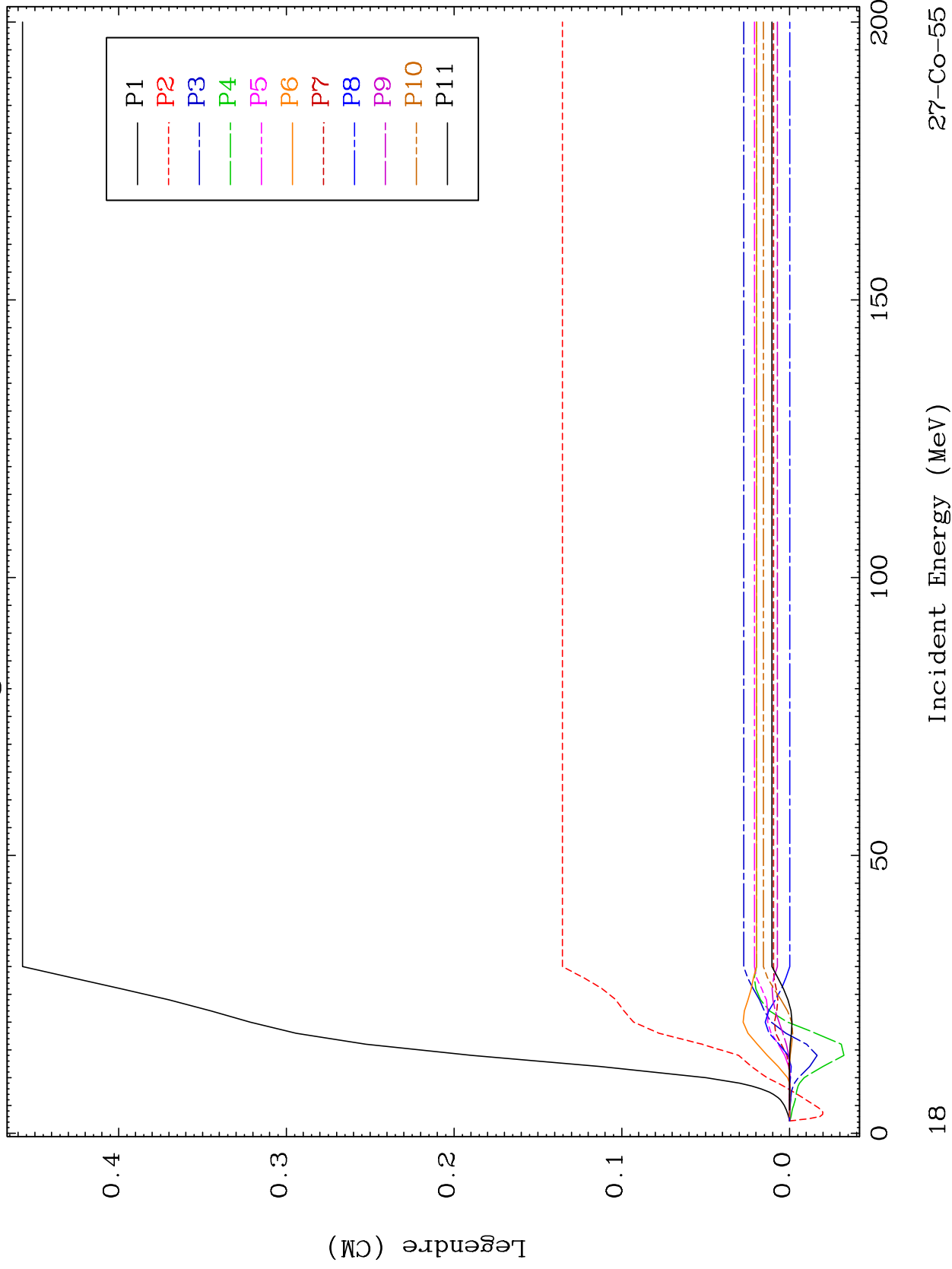


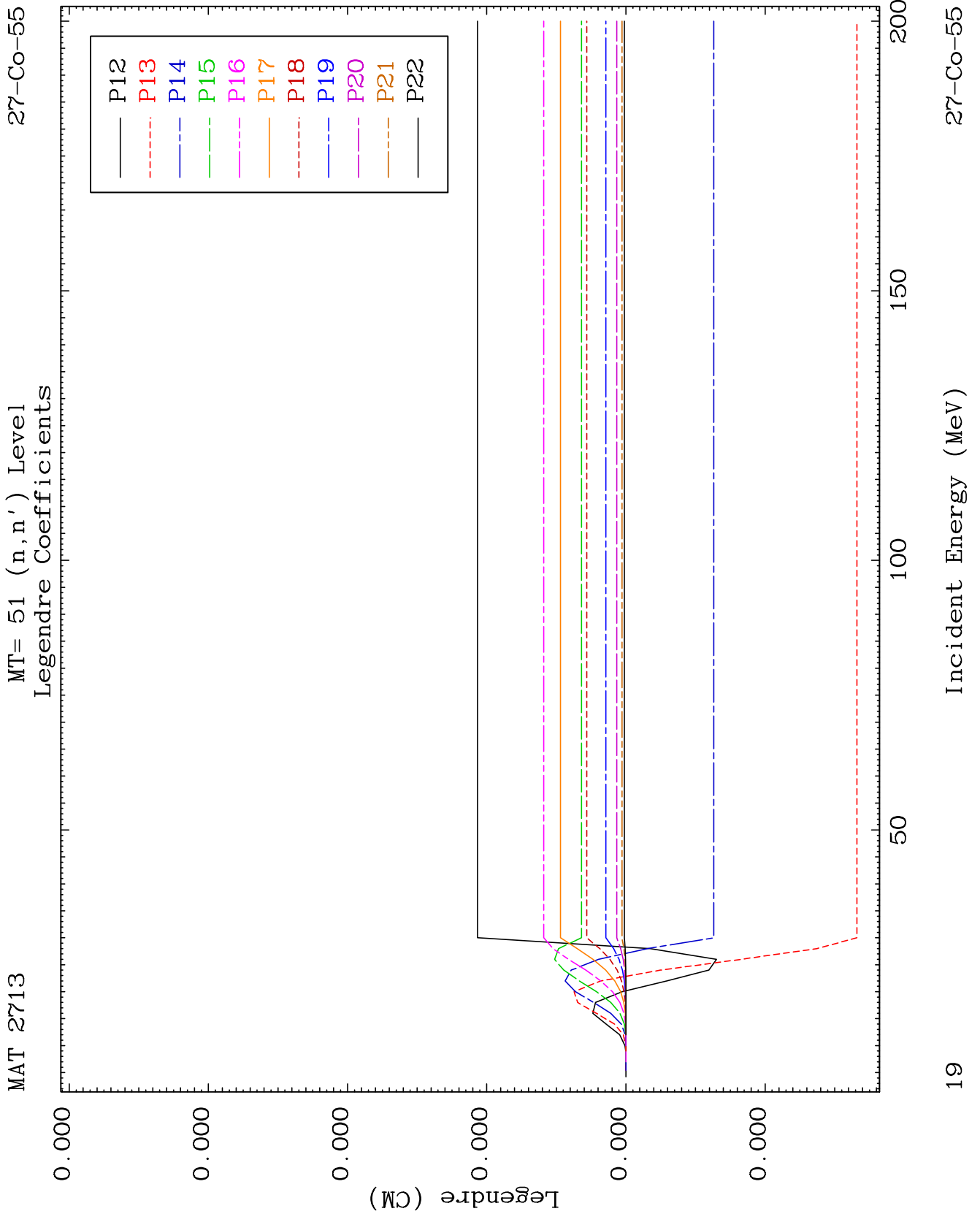


MAT 2713

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

27-Co-55

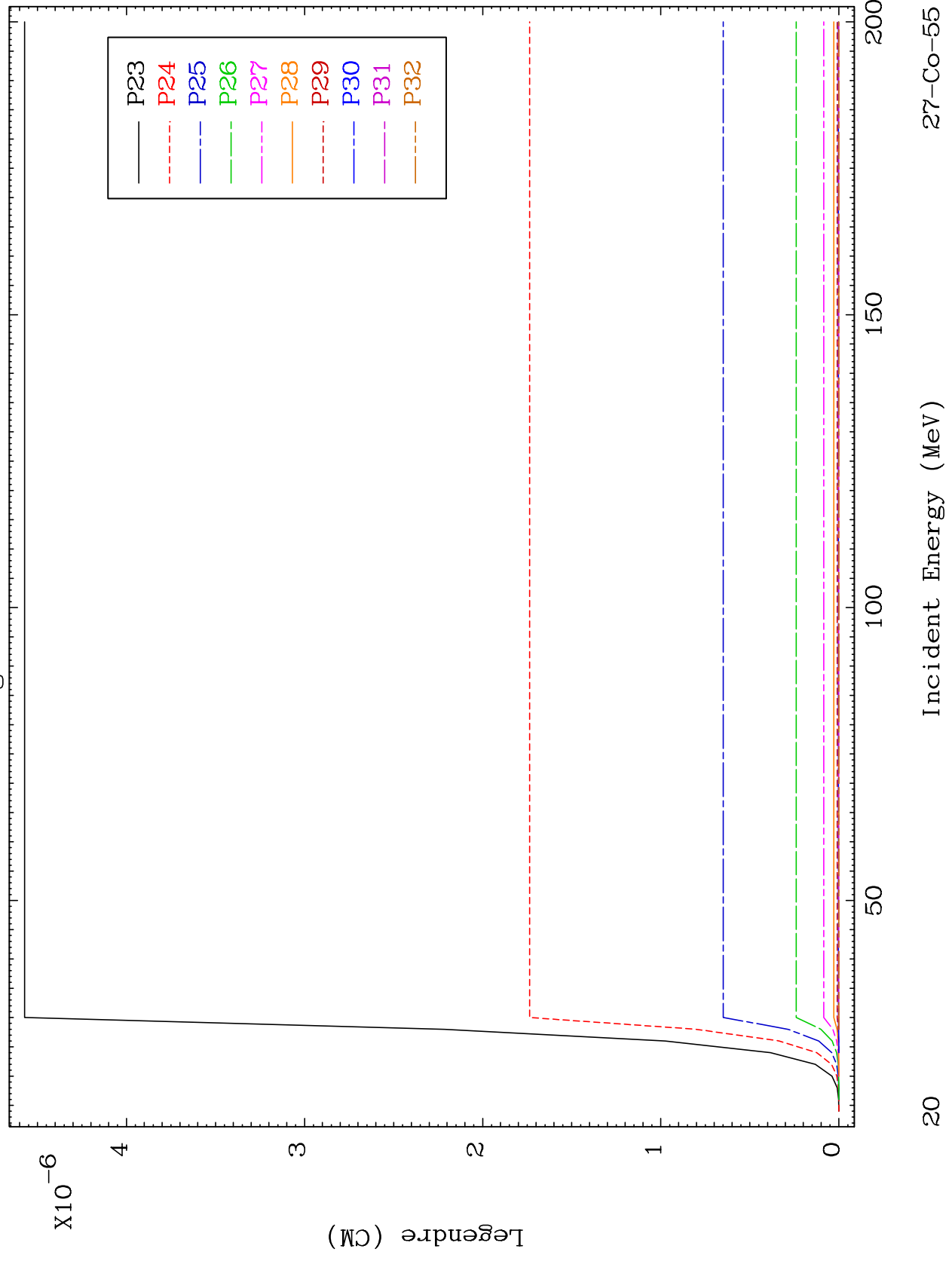




MAT 2713

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

27-Co-55



20

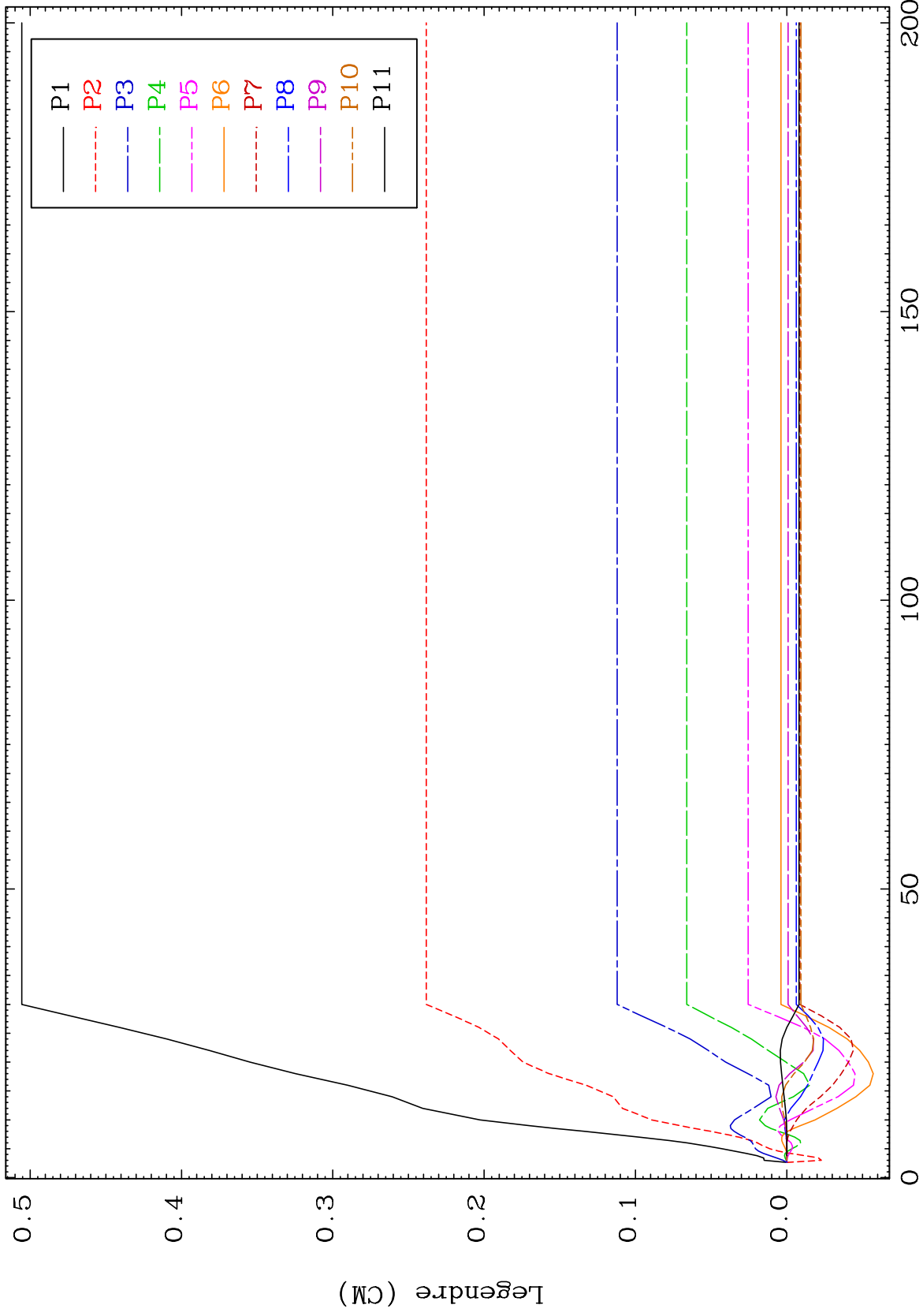
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



21

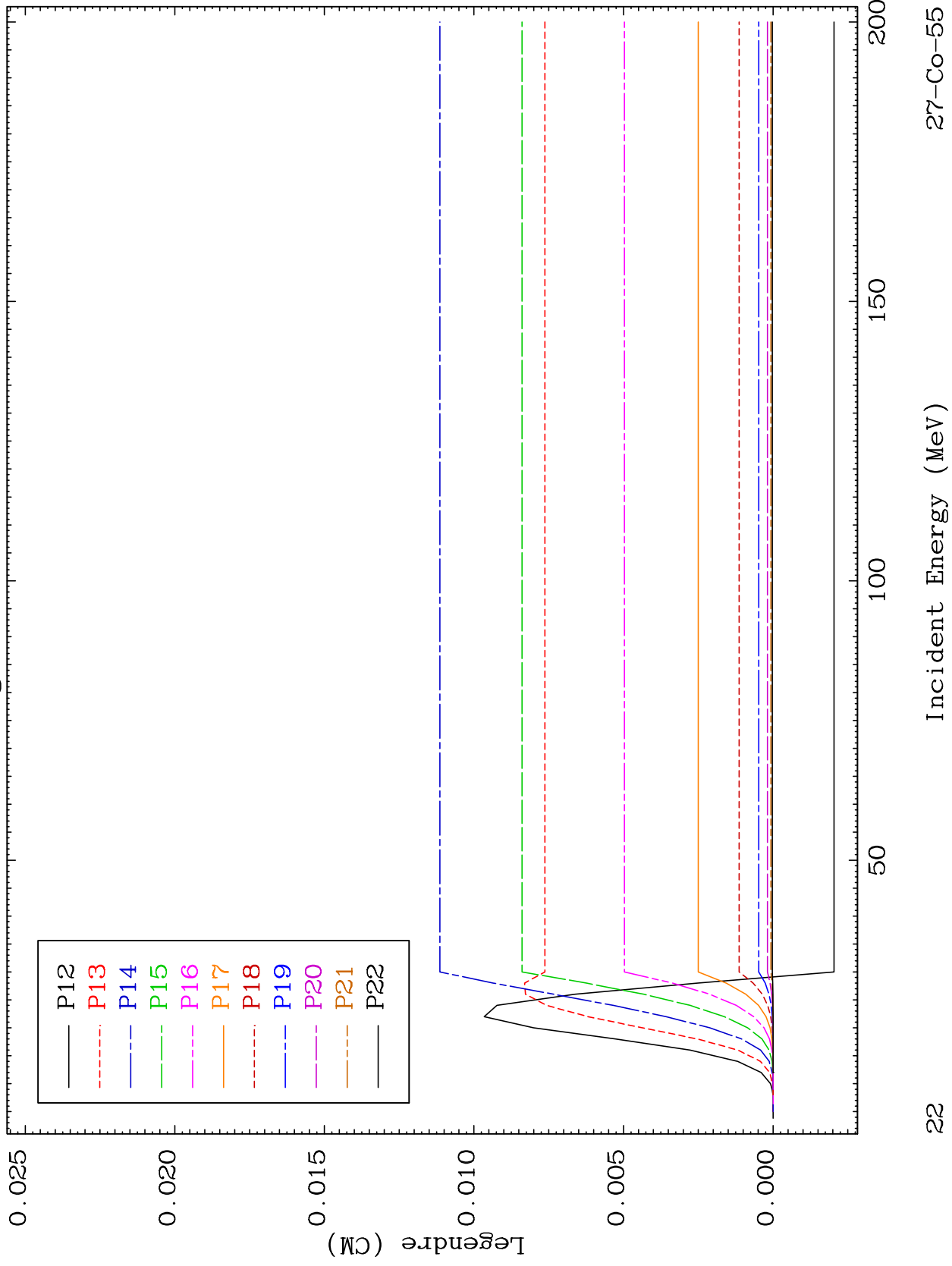
Incident Energy (MeV)

27-Co-55

MAT 2713

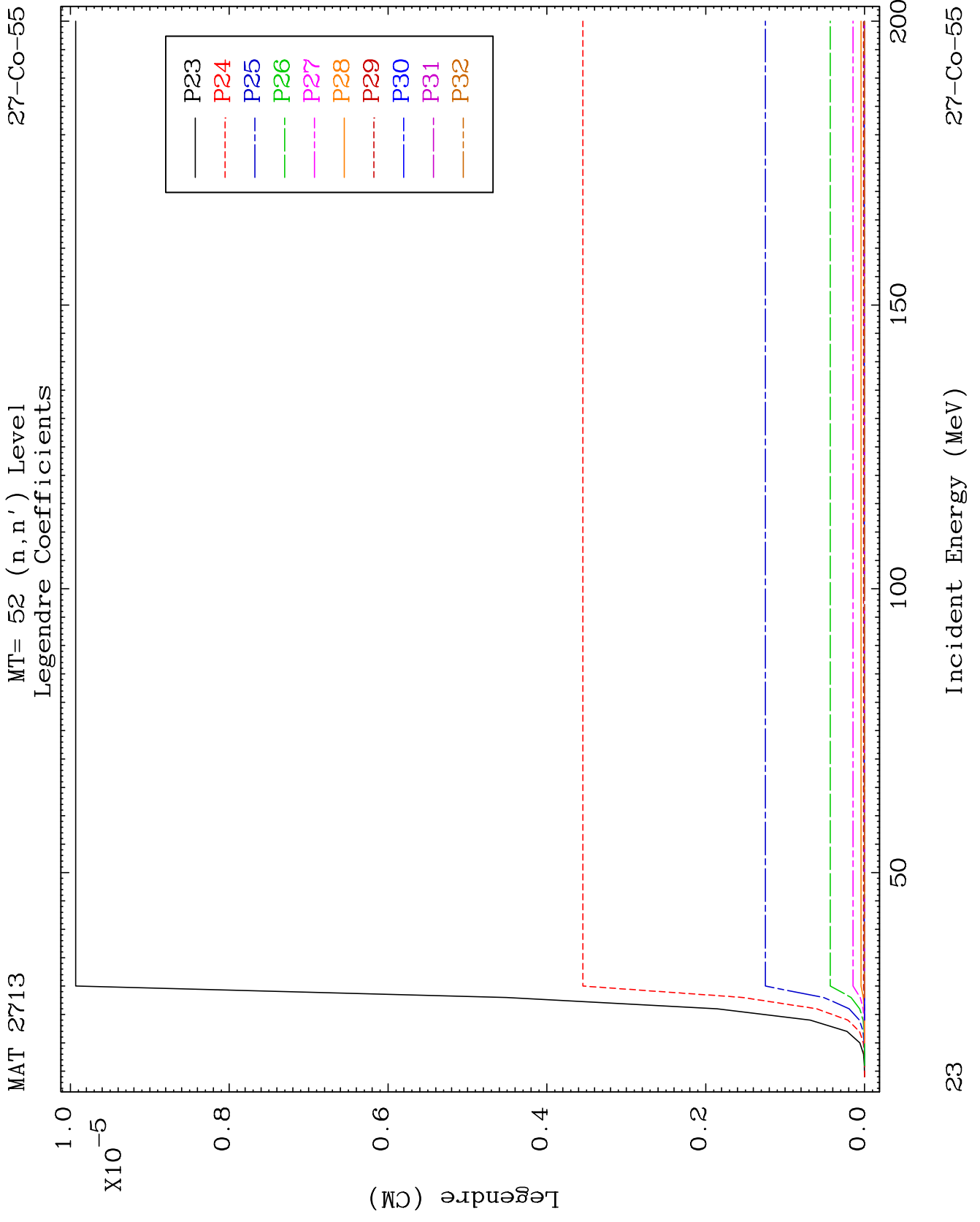
MT= 52 (n,n') Level  
Legendre Coefficients

27-Co-55



22

27-Co-55

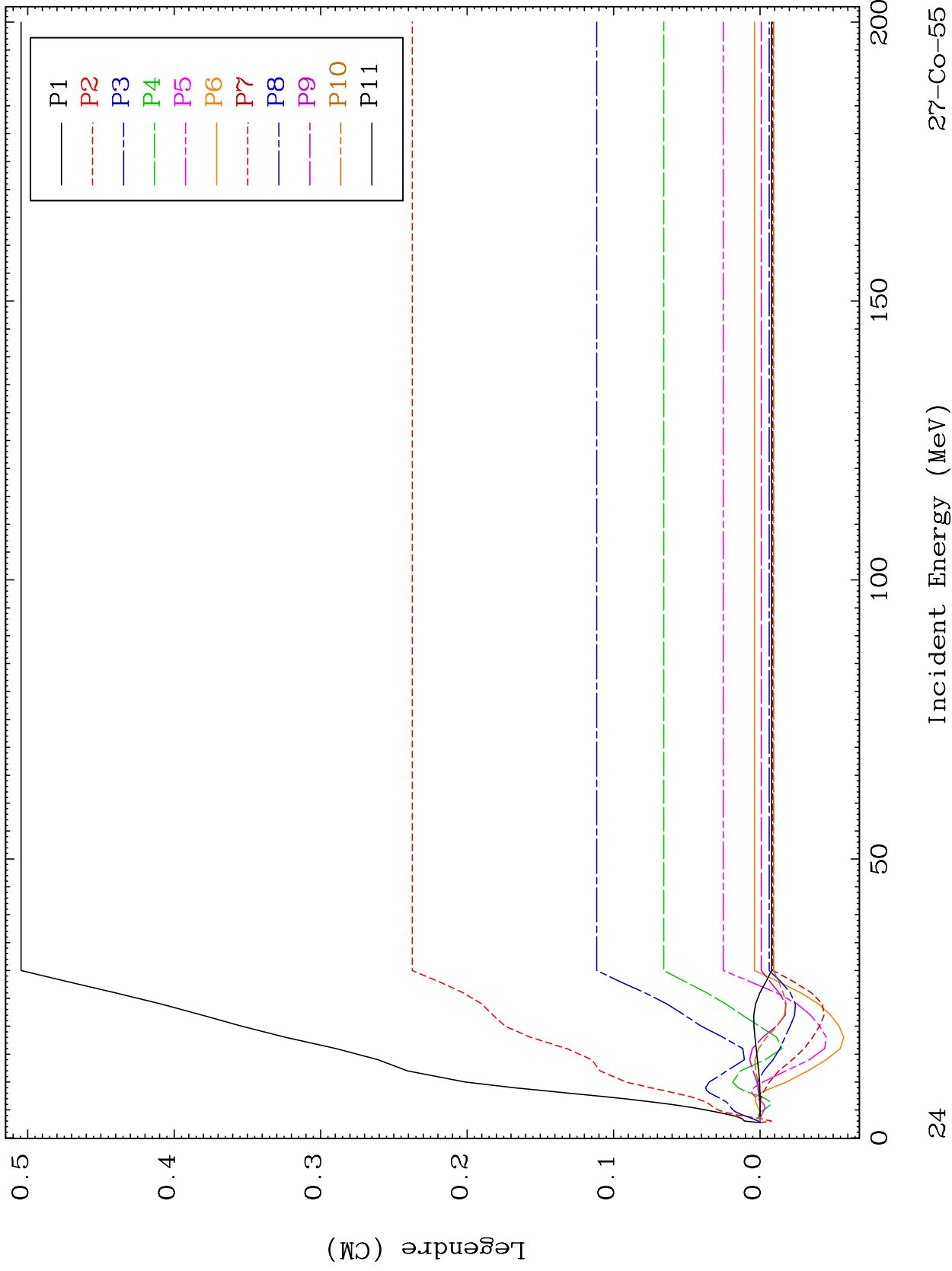




MAT 2713

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

27-Co-55



24

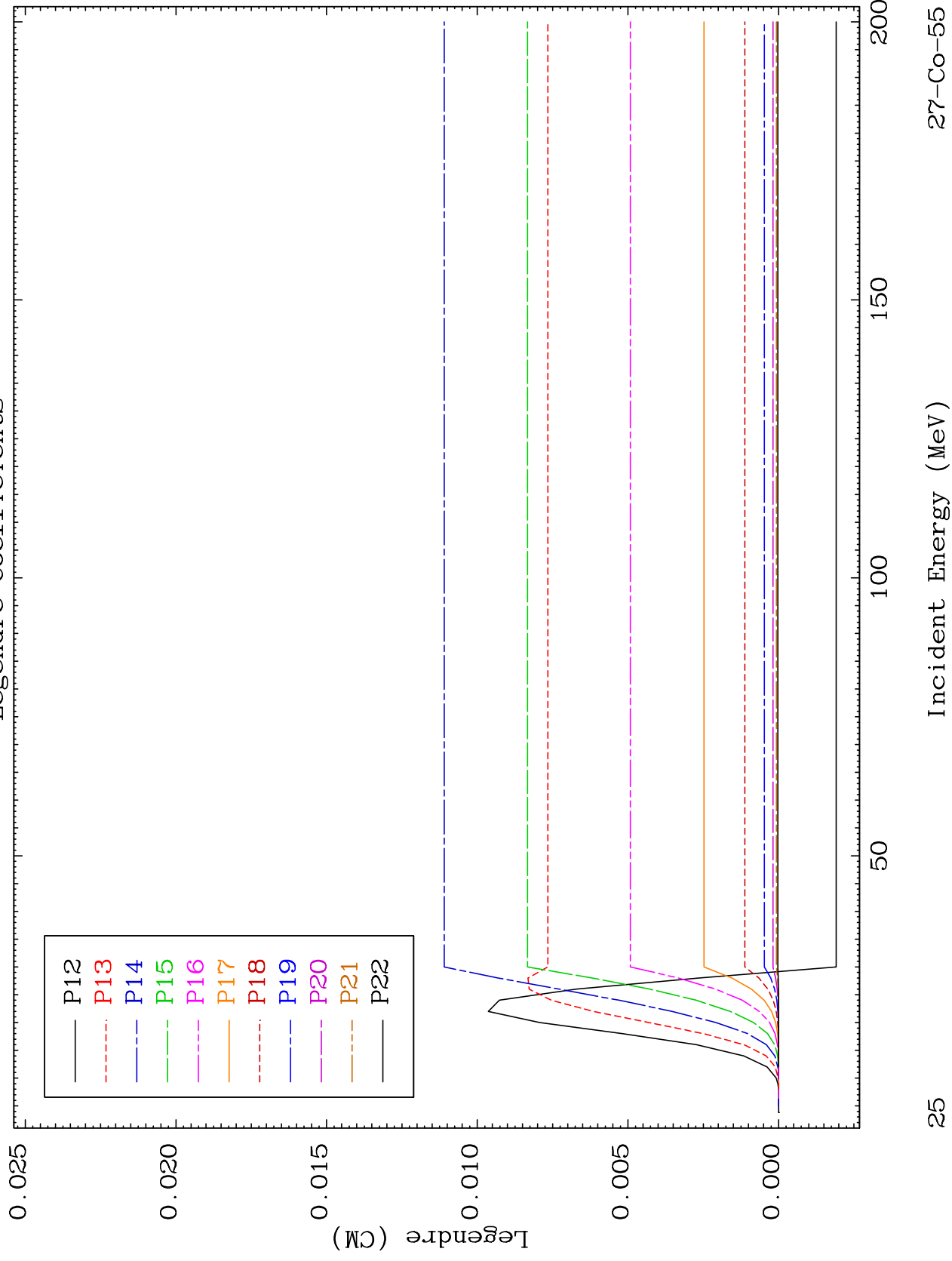
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



27-Co-55

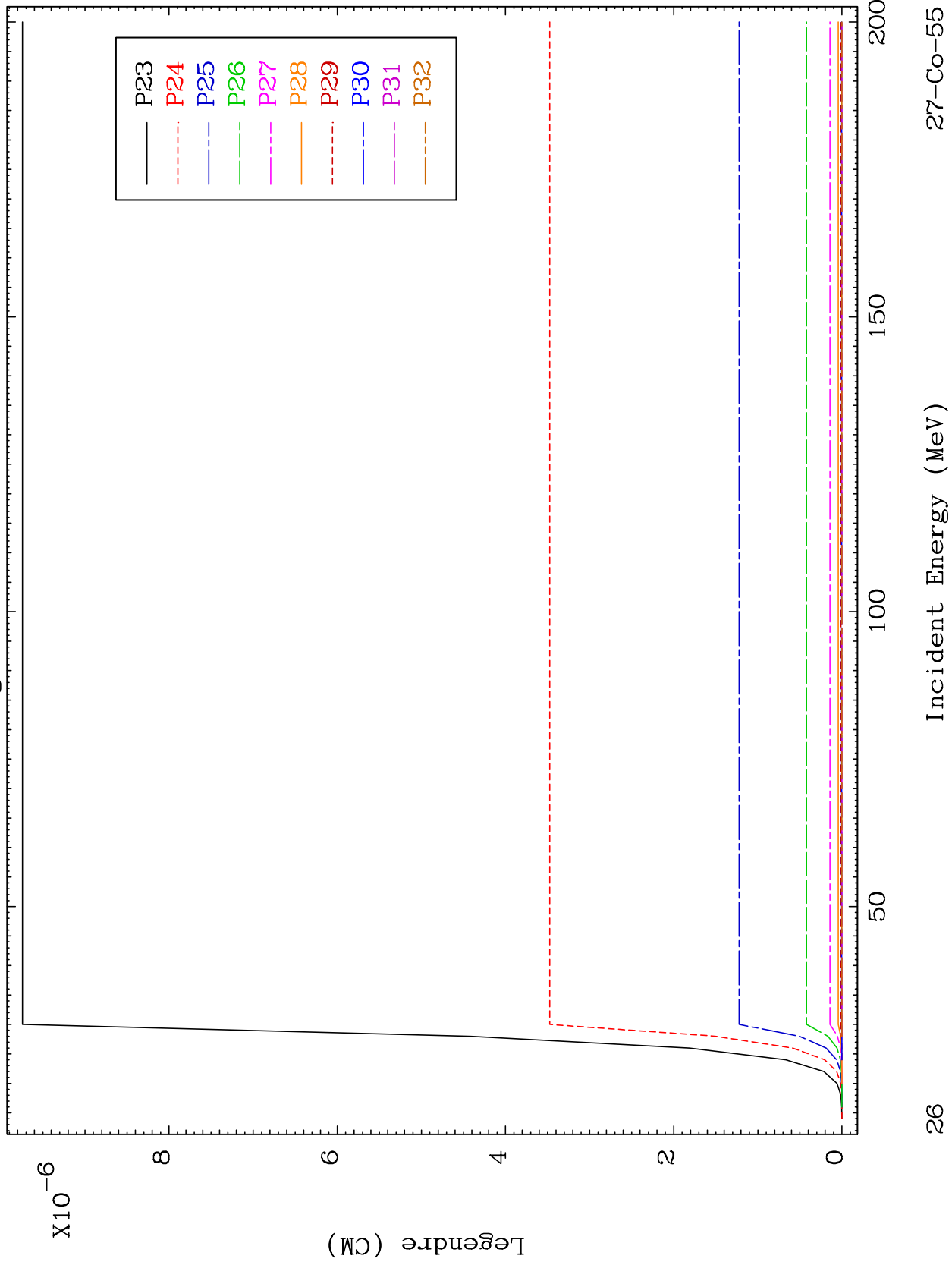
Incident Energy (MeV)

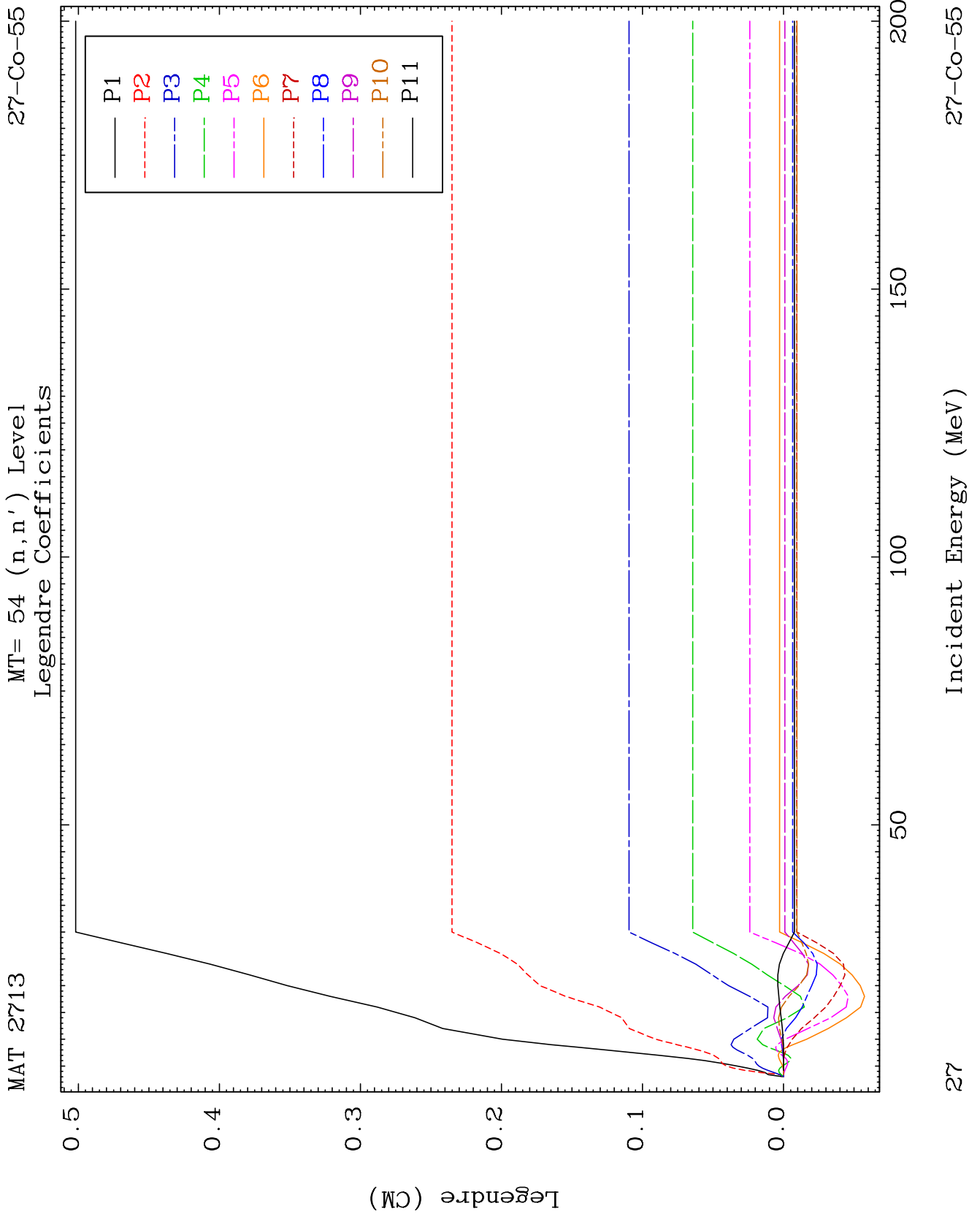
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MAT 2713

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

27-Co-55

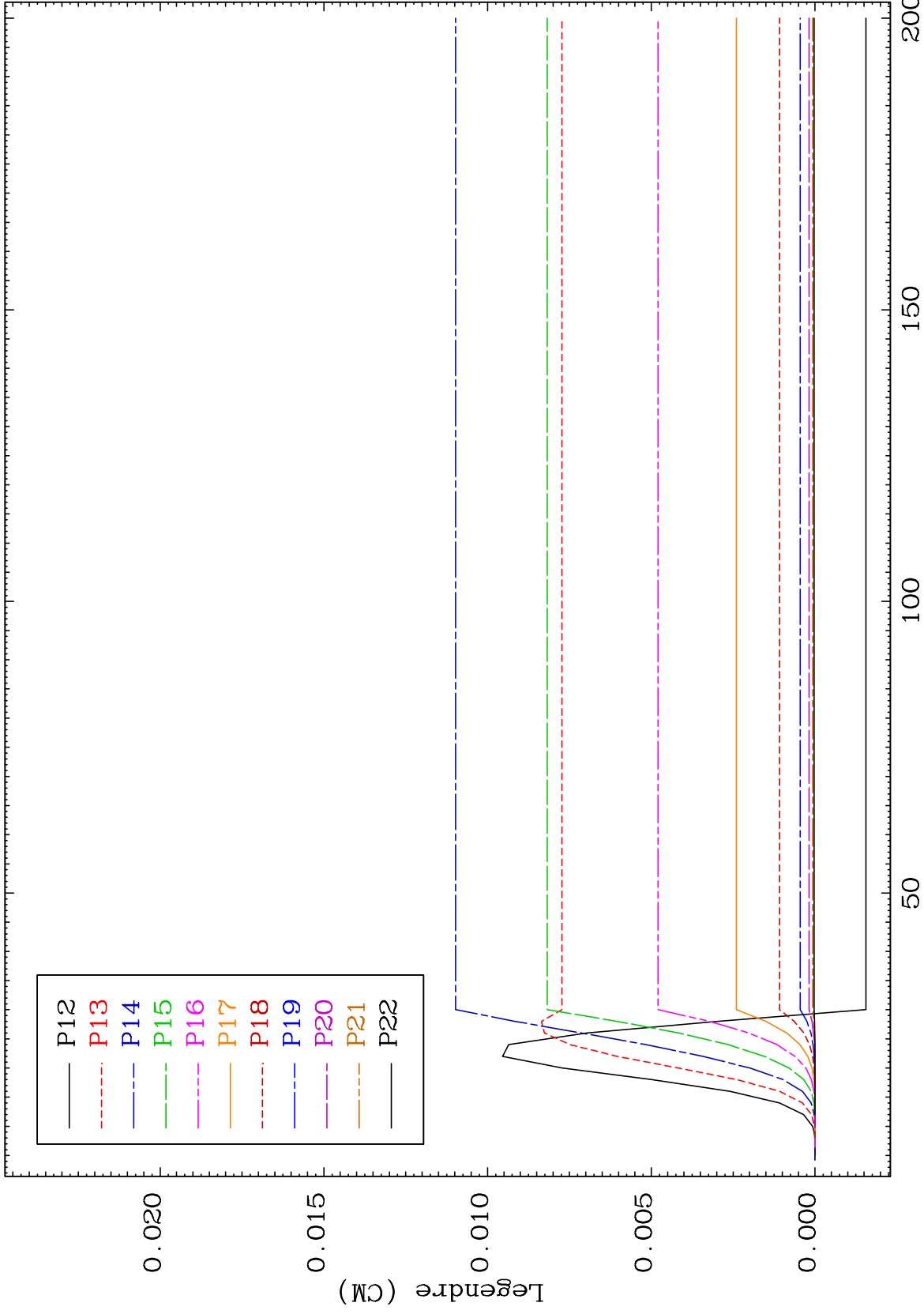




MAT 2713

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

27-Co-55



28

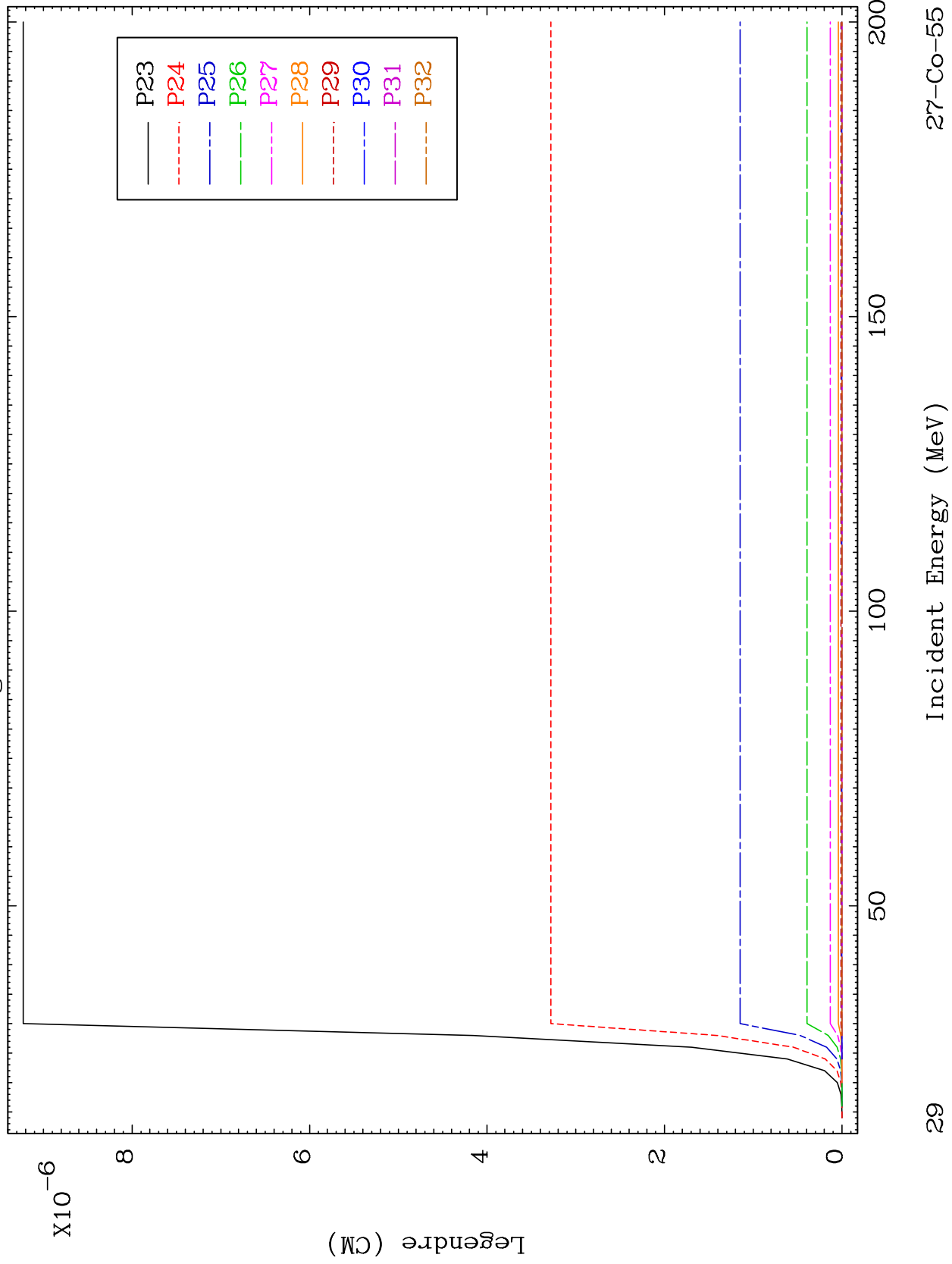
Incident Energy (MeV)

27-Co-55

MAT 2713

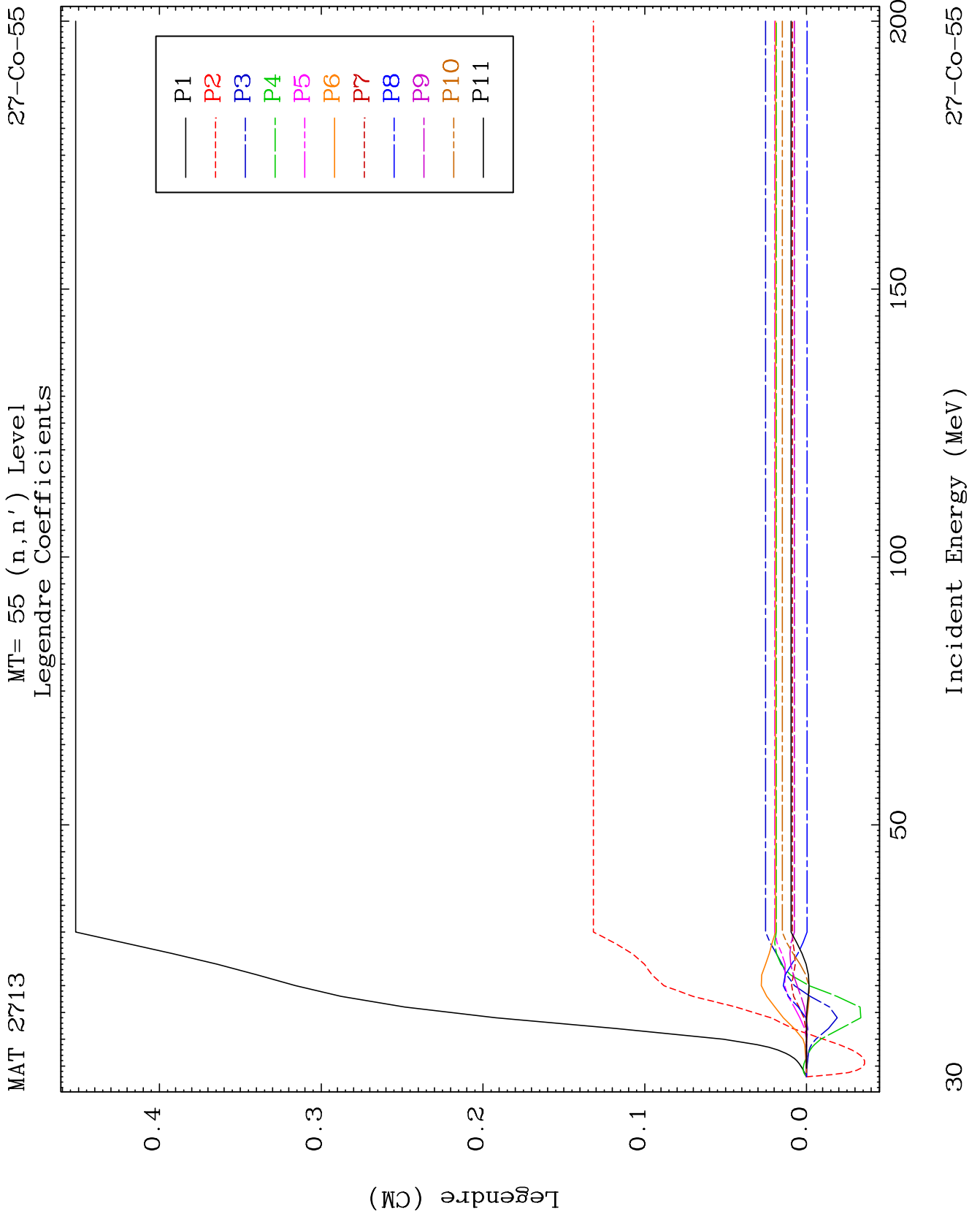
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Legendre Coefficients

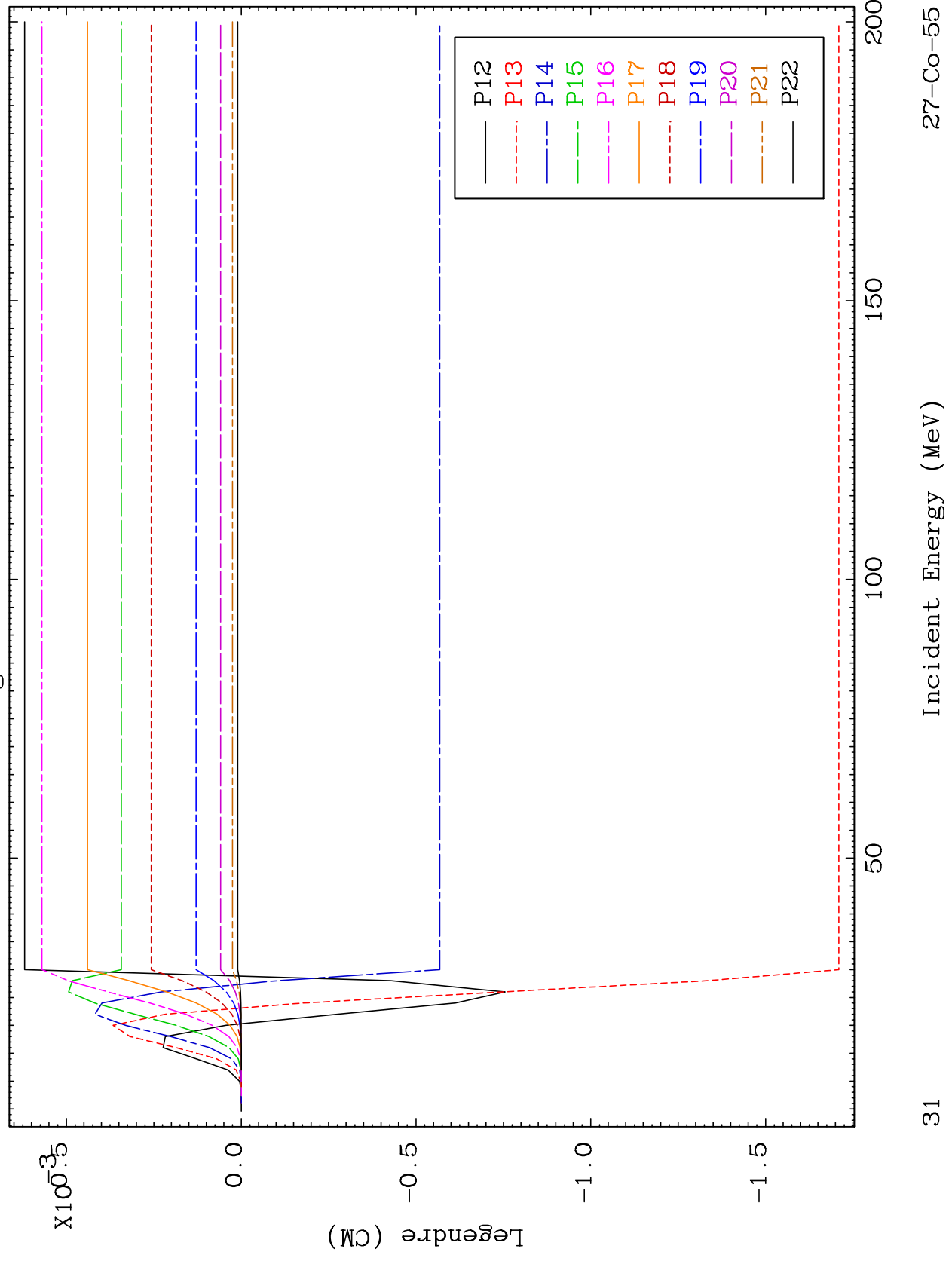
27-Co-55



29

27-Co-55



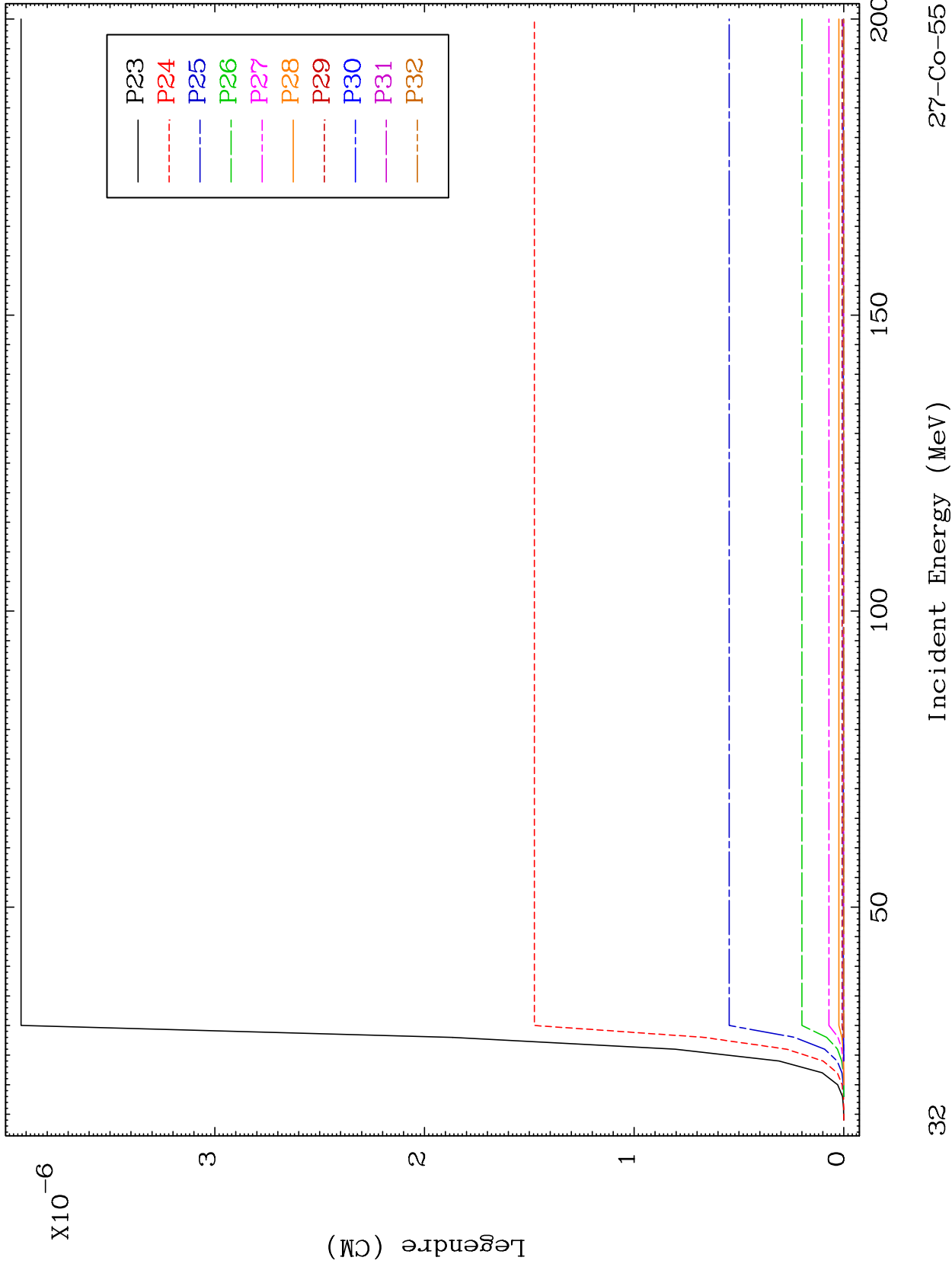




MAT 2713

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

27-Co-55



32

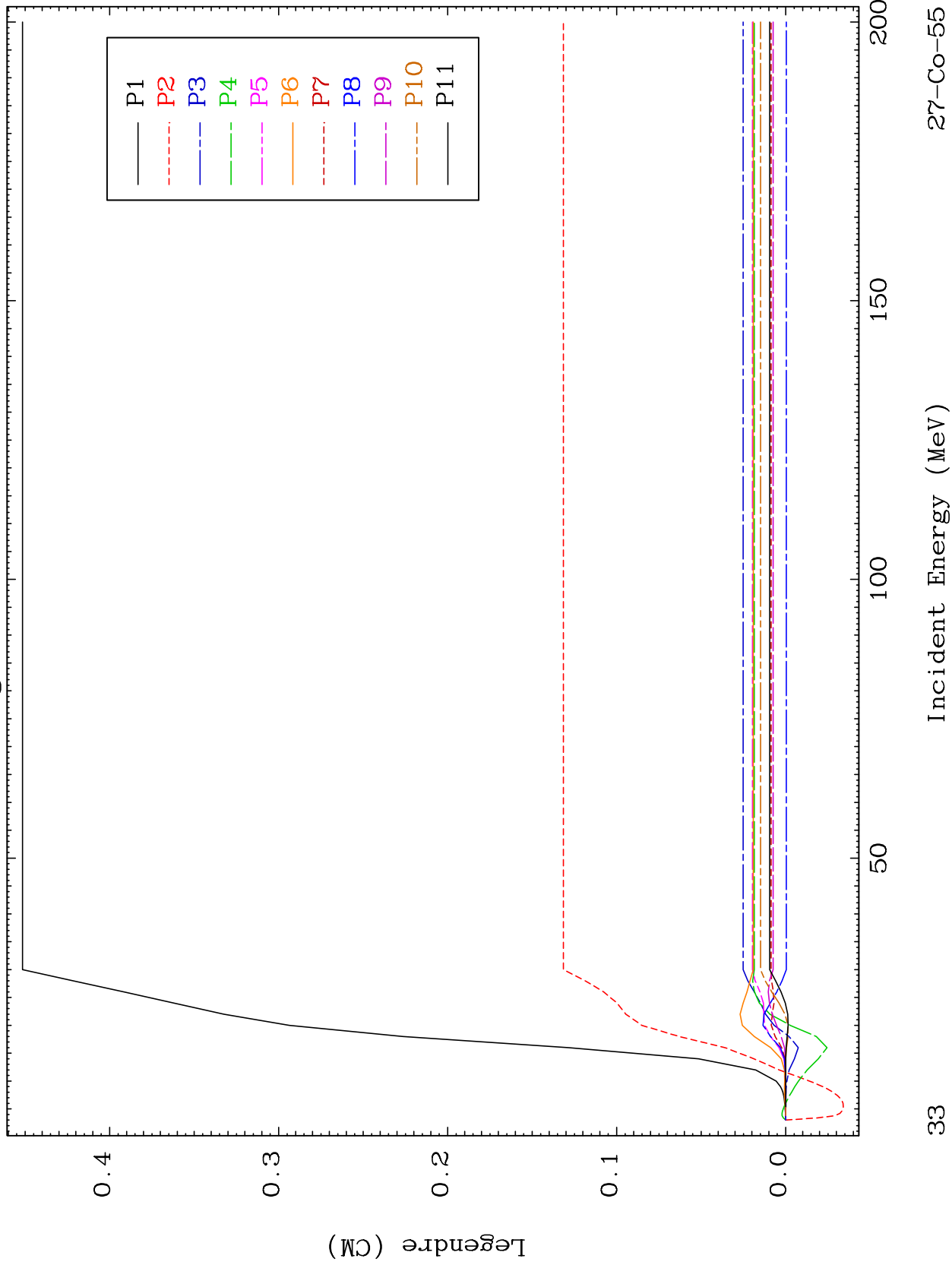
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



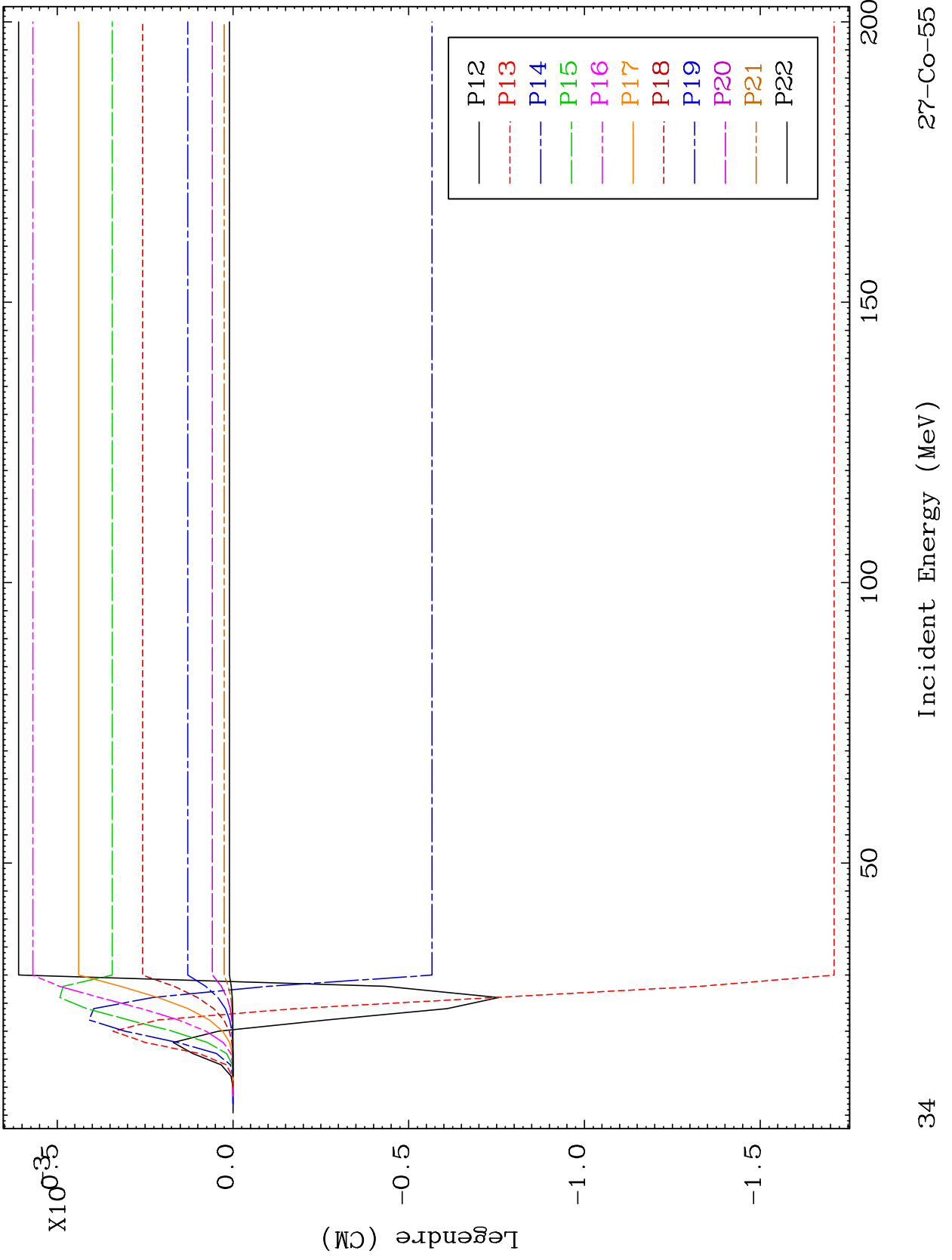
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27-Co-55

MAT 2713

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

27-Co-55



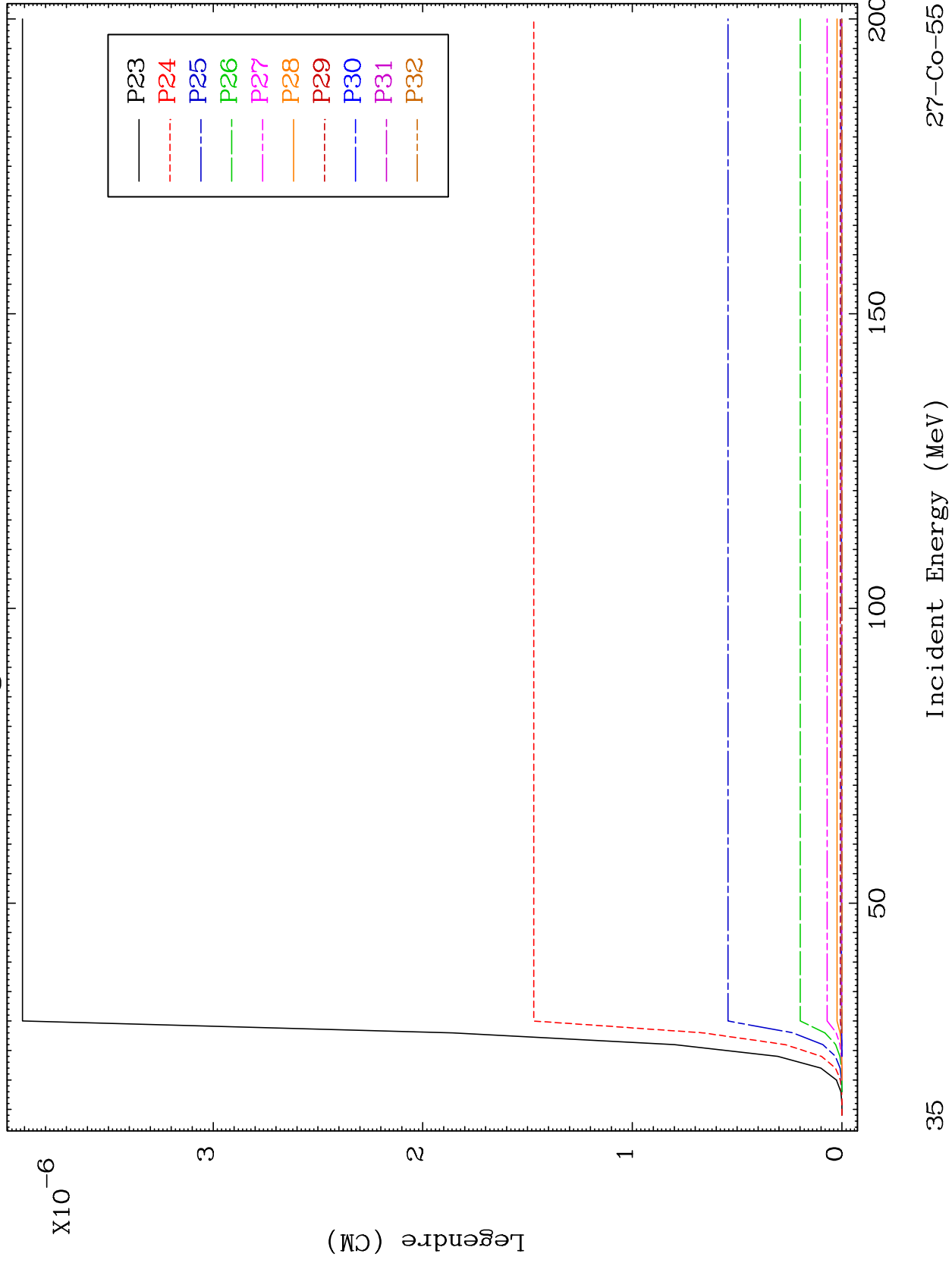
34

27-Co-55

MAT 2713

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

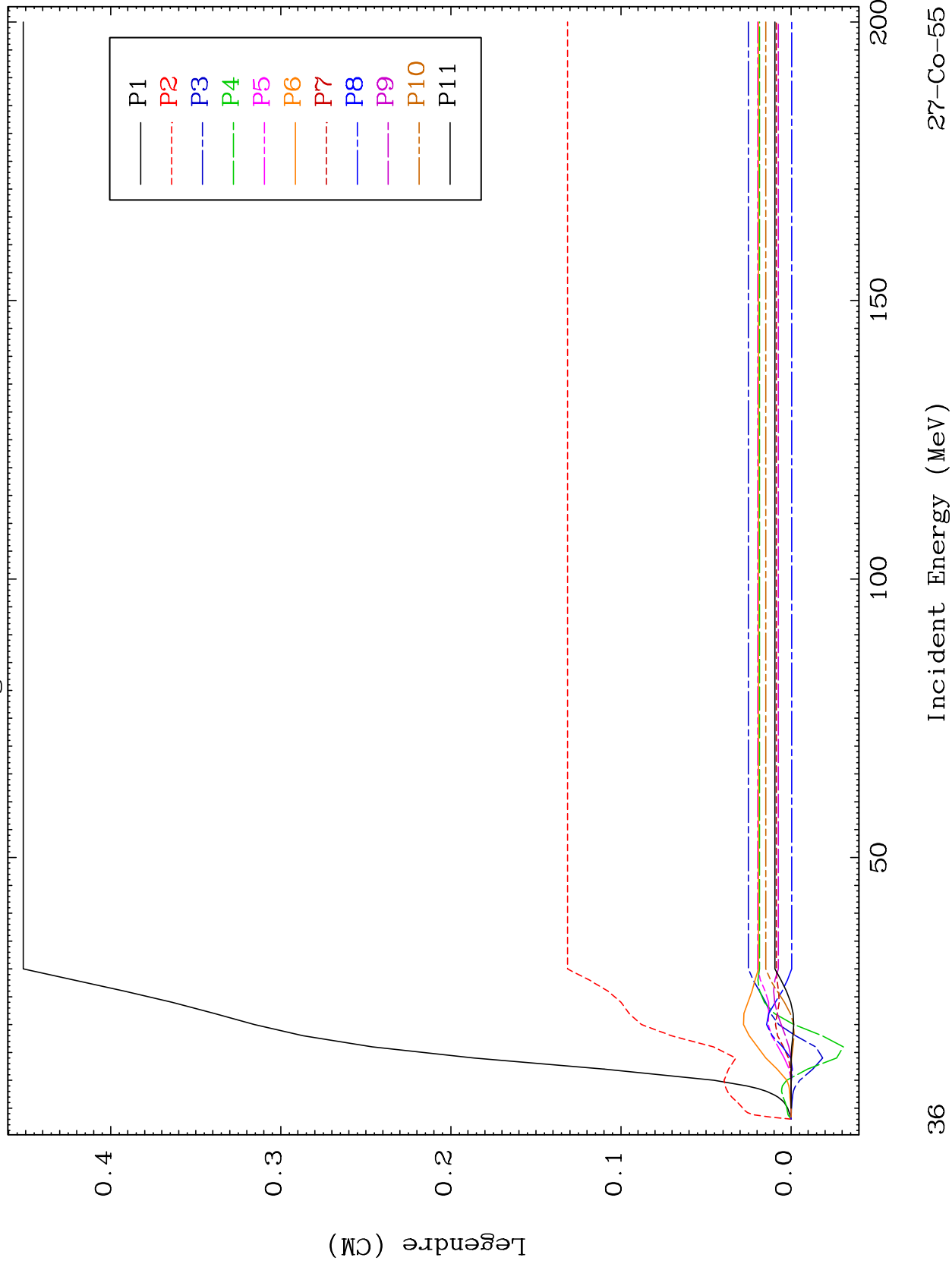
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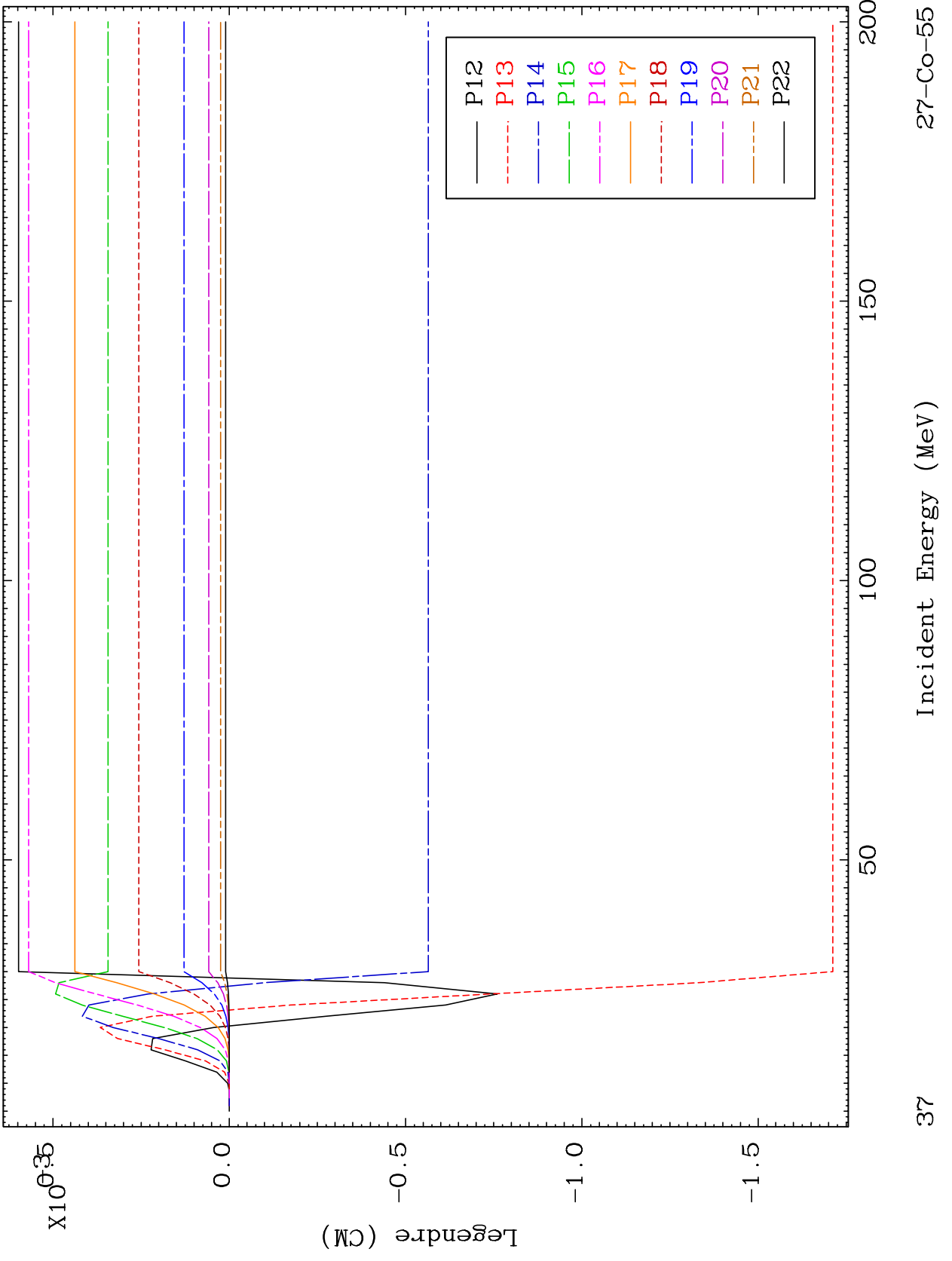


MAT 2713

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

27-Co-55

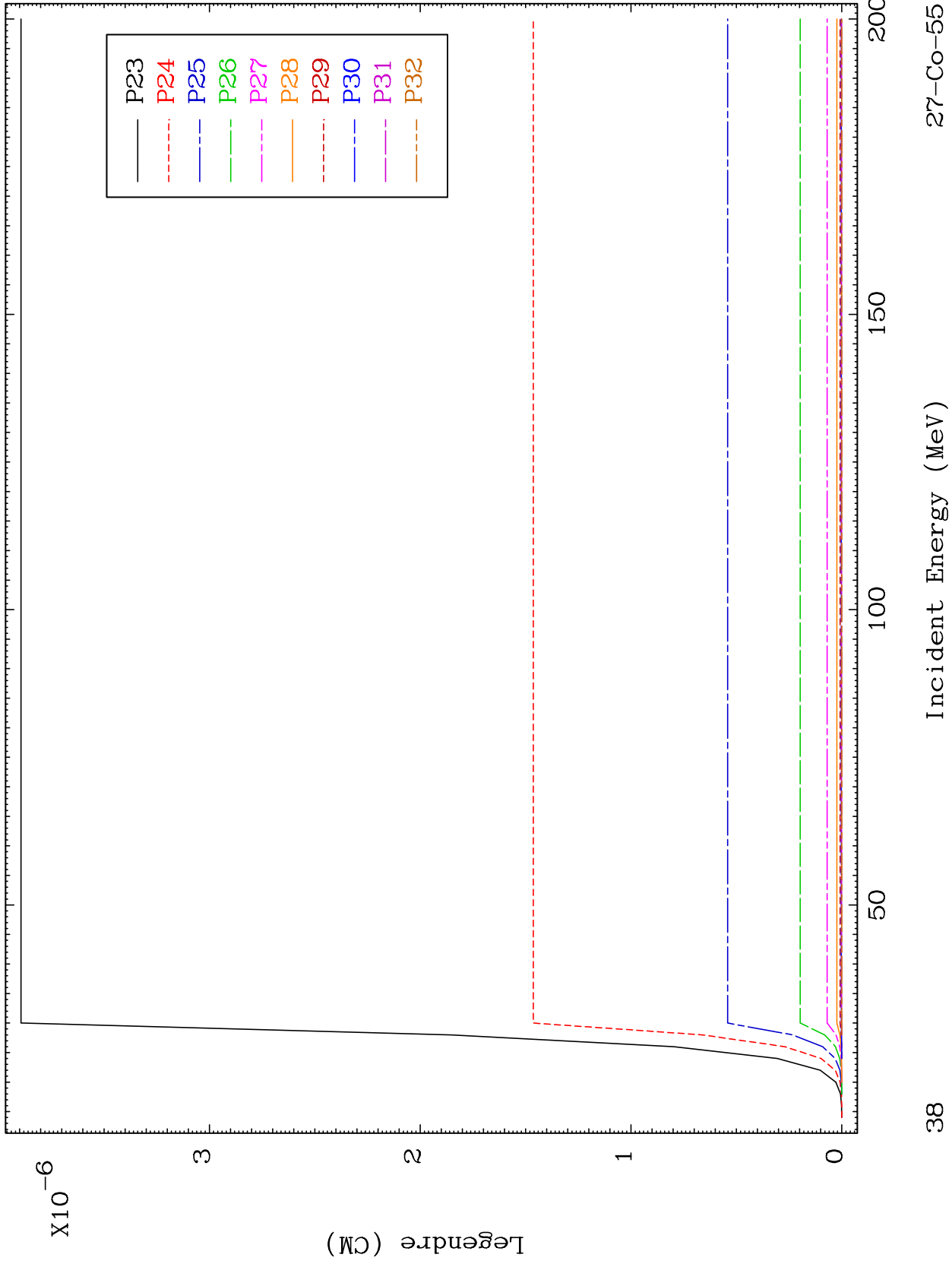




MAT 2713

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

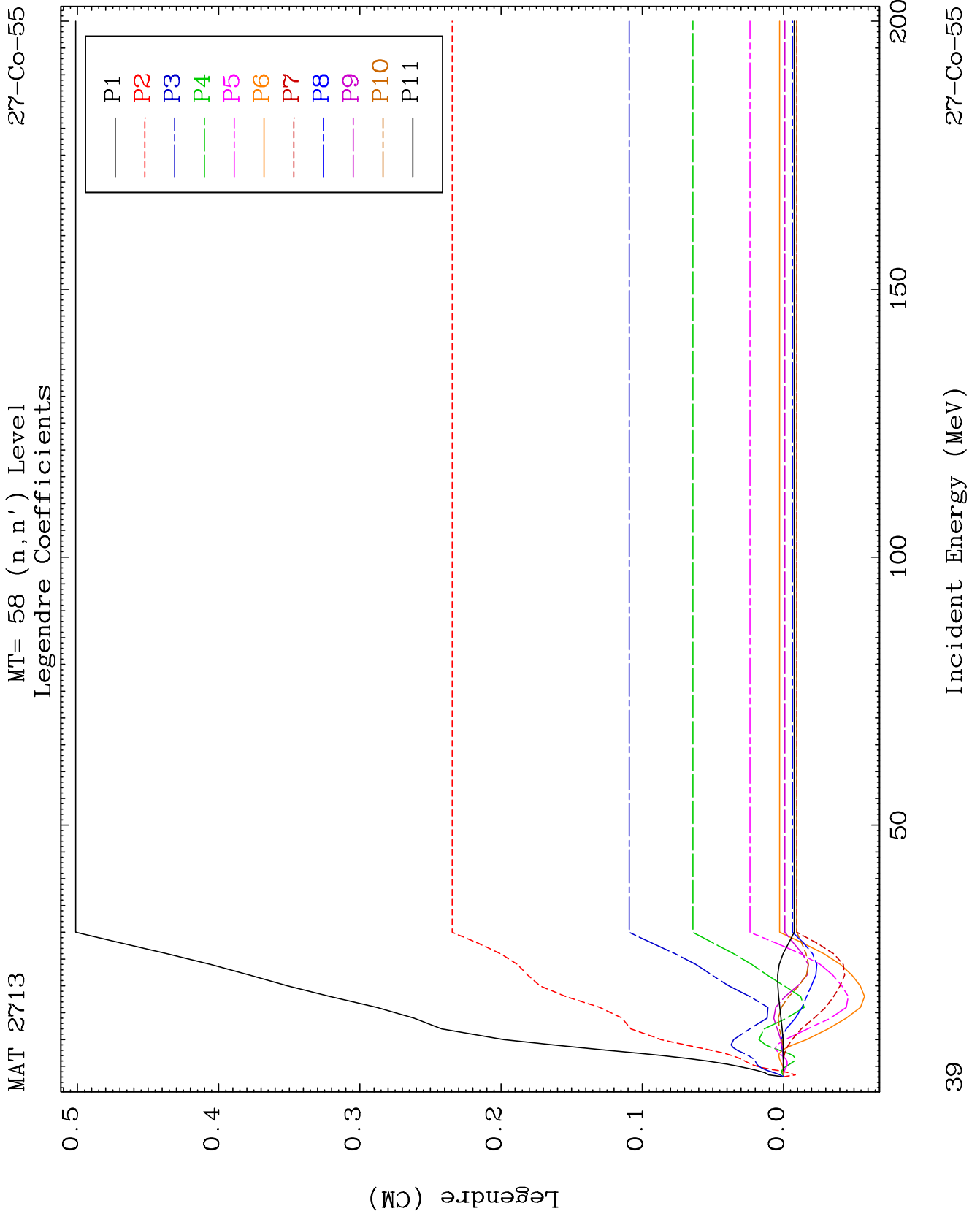
27-Co-55



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Incident Energy (MeV)

27-Co-55

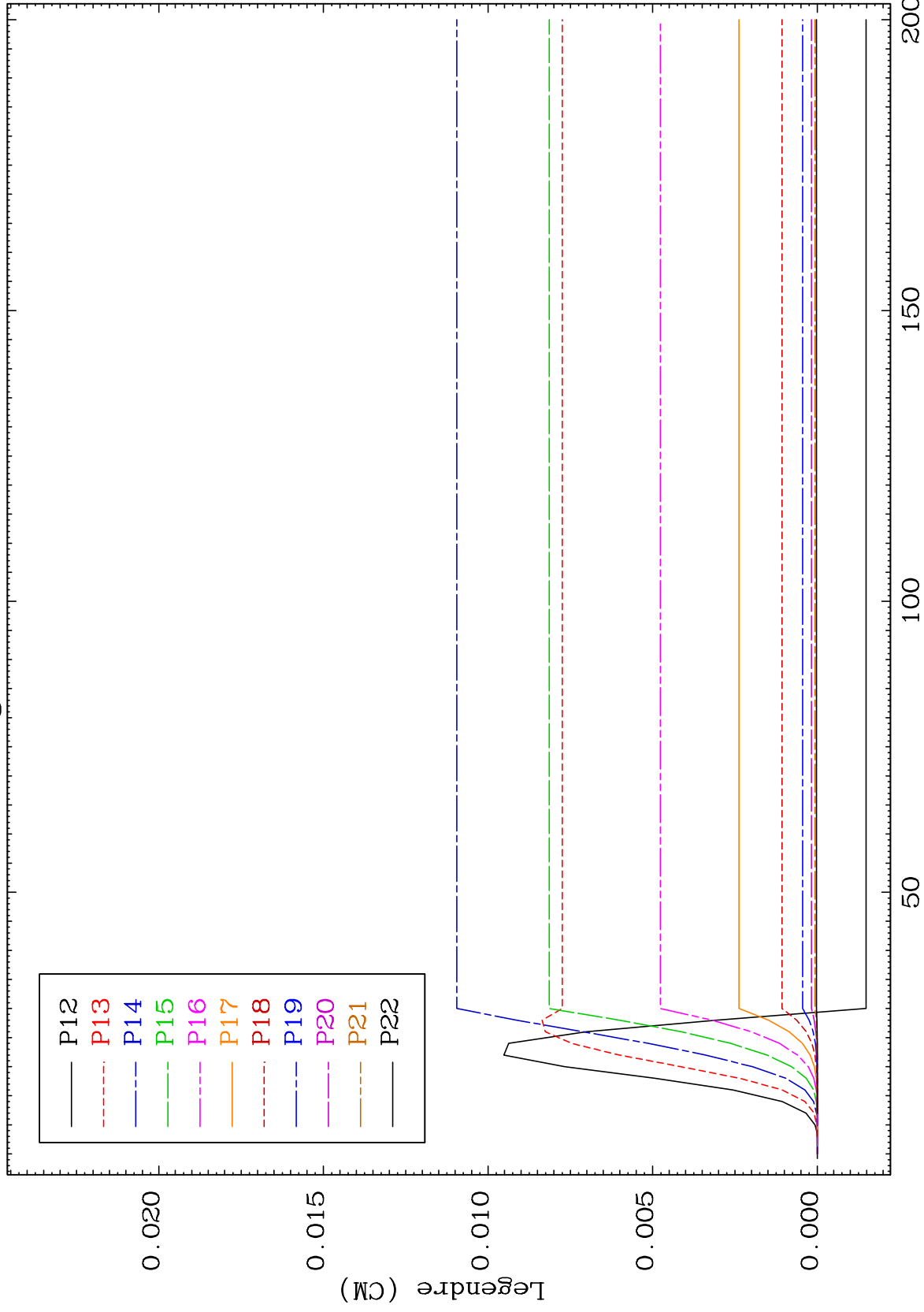




MAT 2713

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

27-Co-55



40

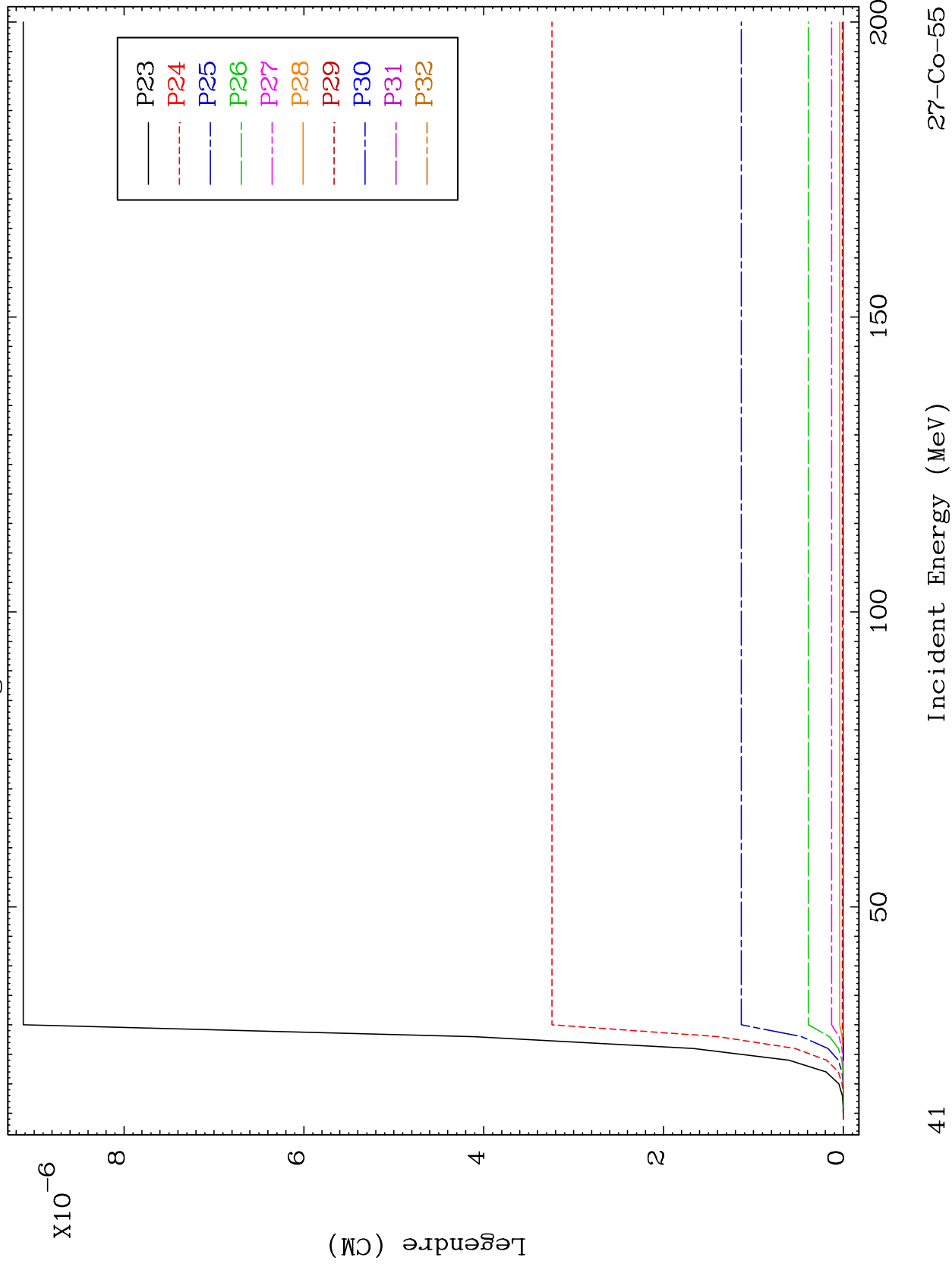
Incident Energy (MeV)

27-Co-55

MAT 2713

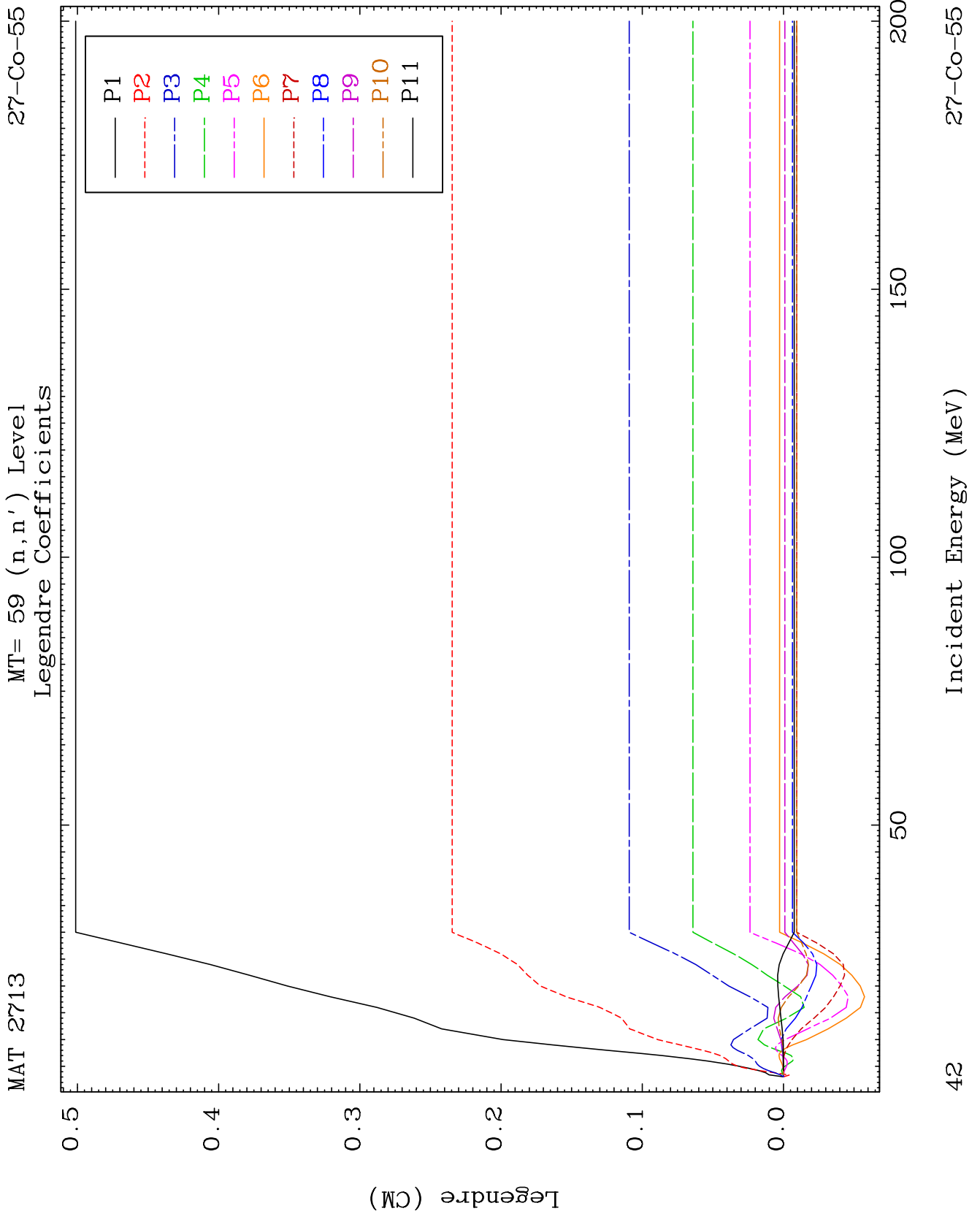
MT= 58 (n,n') Level  
Legendre Coefficients

27-Co-55



41

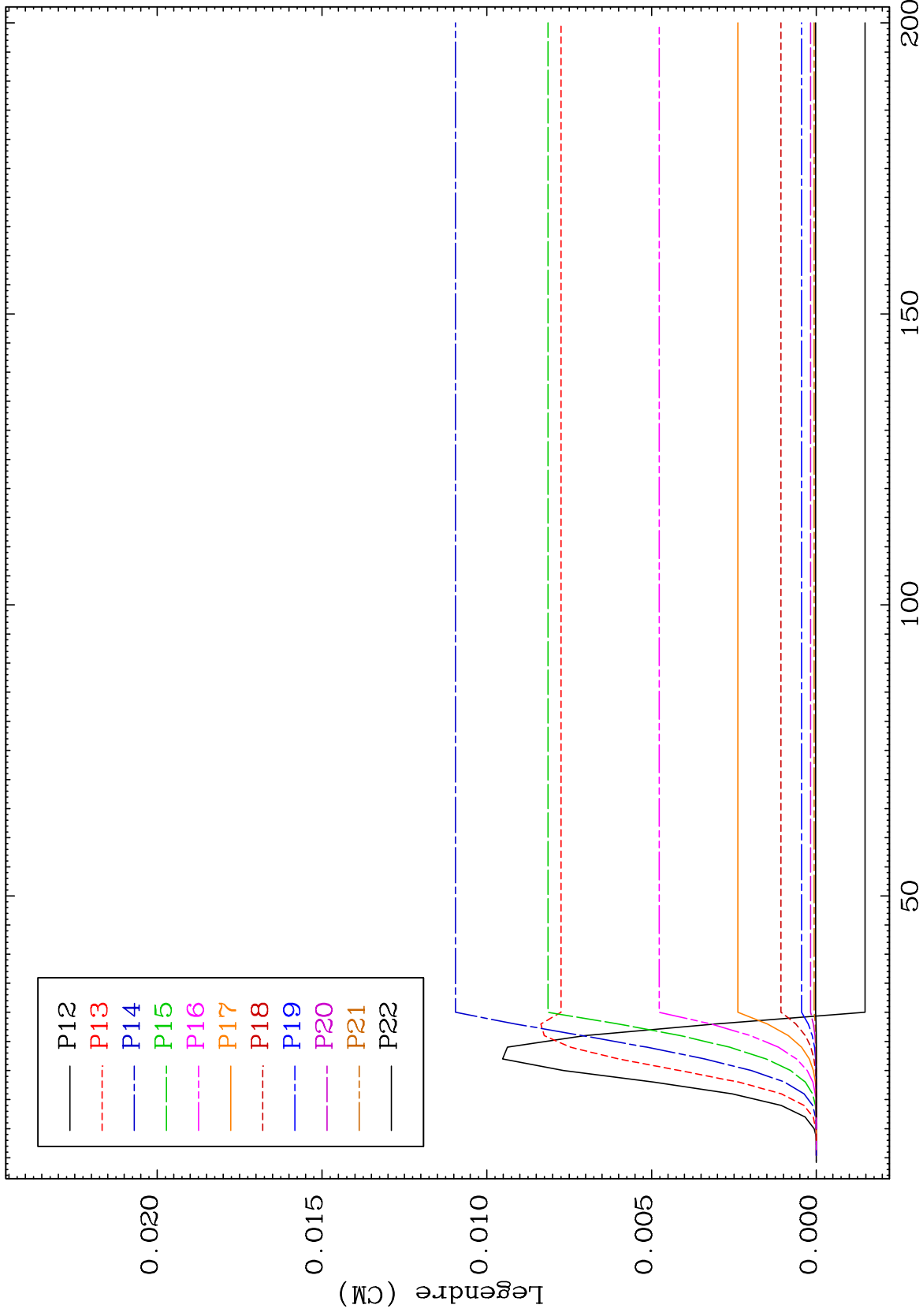
27-Co-55



MAT 2713

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

27-Co-55



43

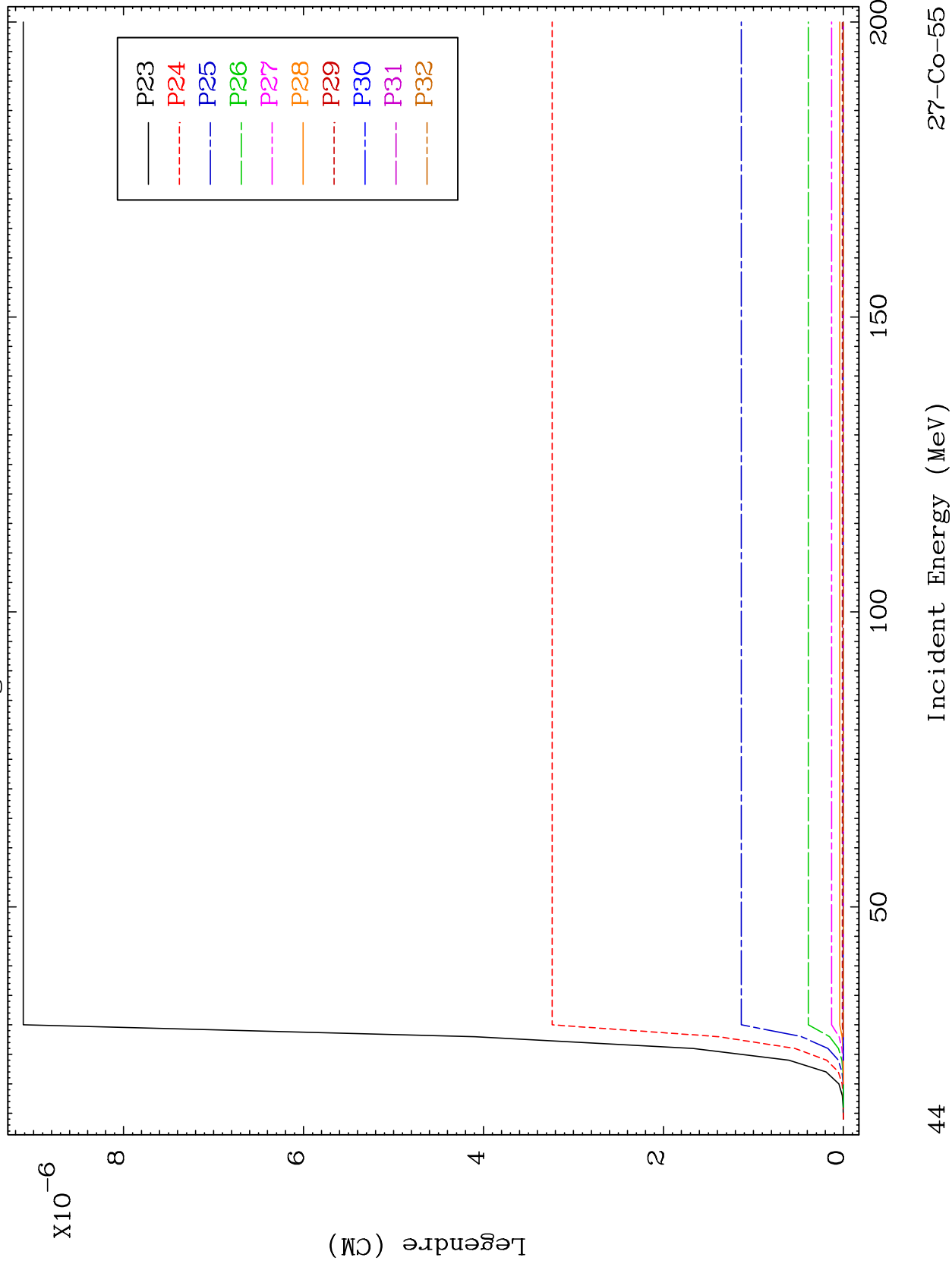
Incident Energy (MeV)

27-Co-55

MAT 2713

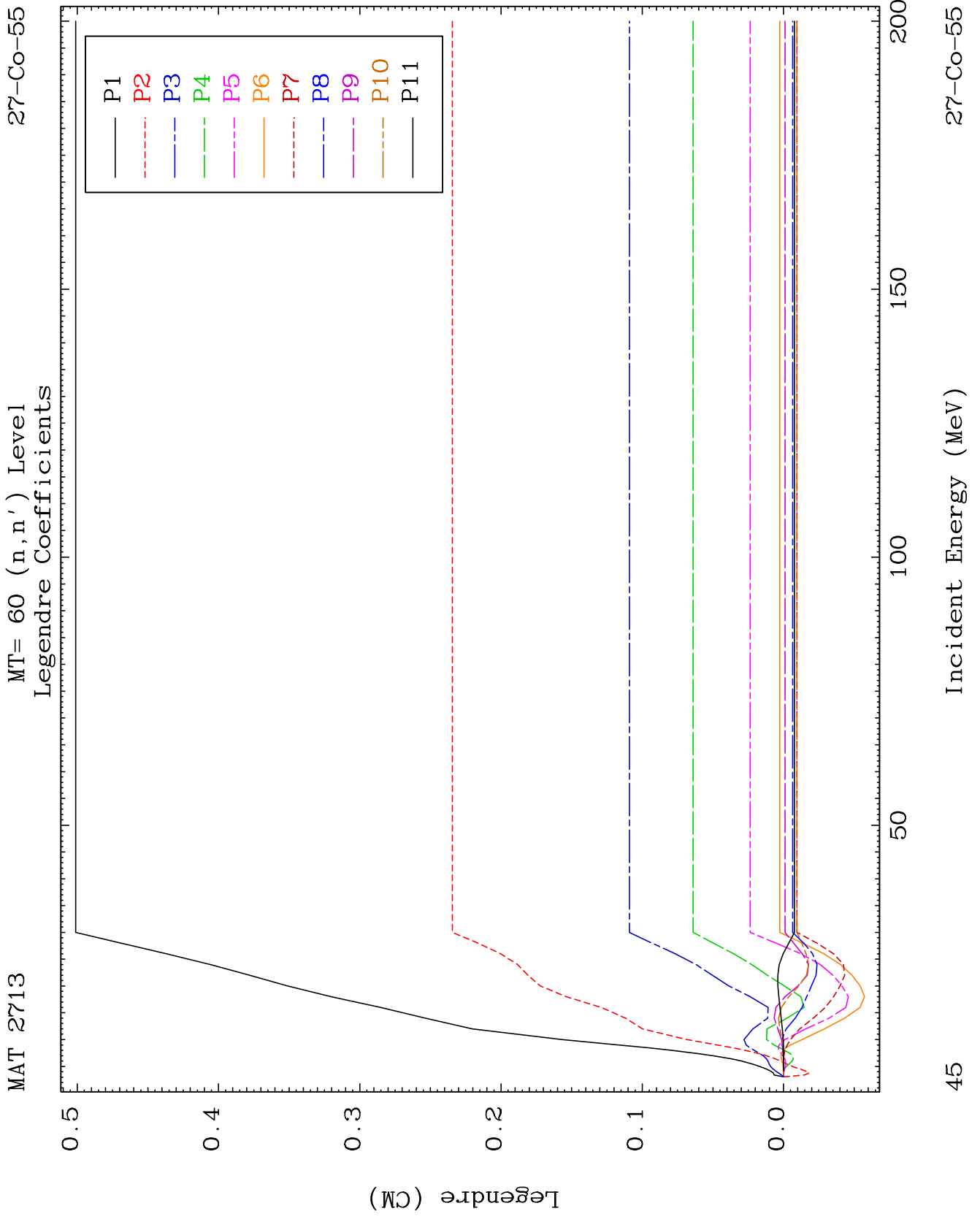
MT= 59 (n,n') Level  
Legendre Coefficients

27-Co-55



44

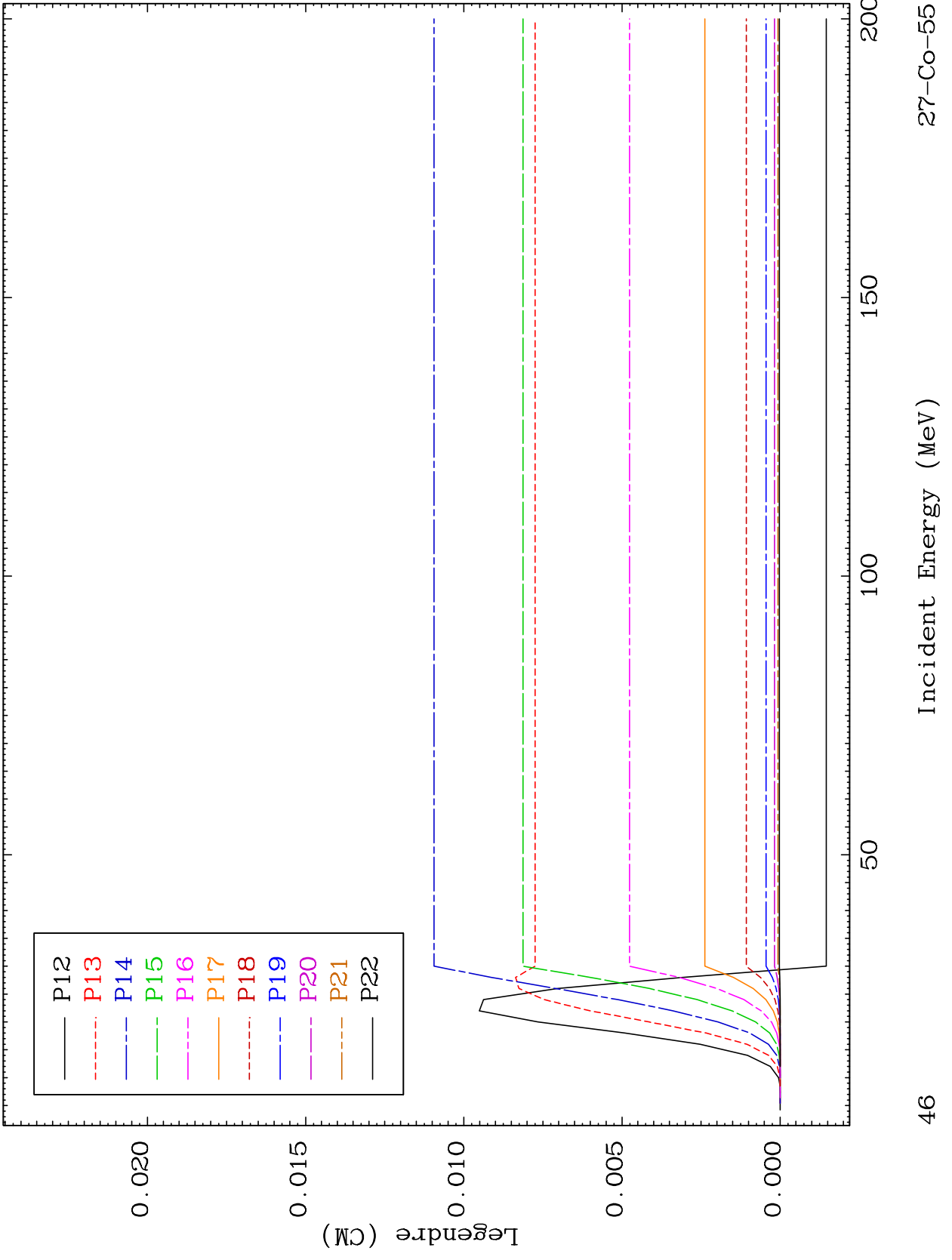
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MAT 2713

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

27-Co-55

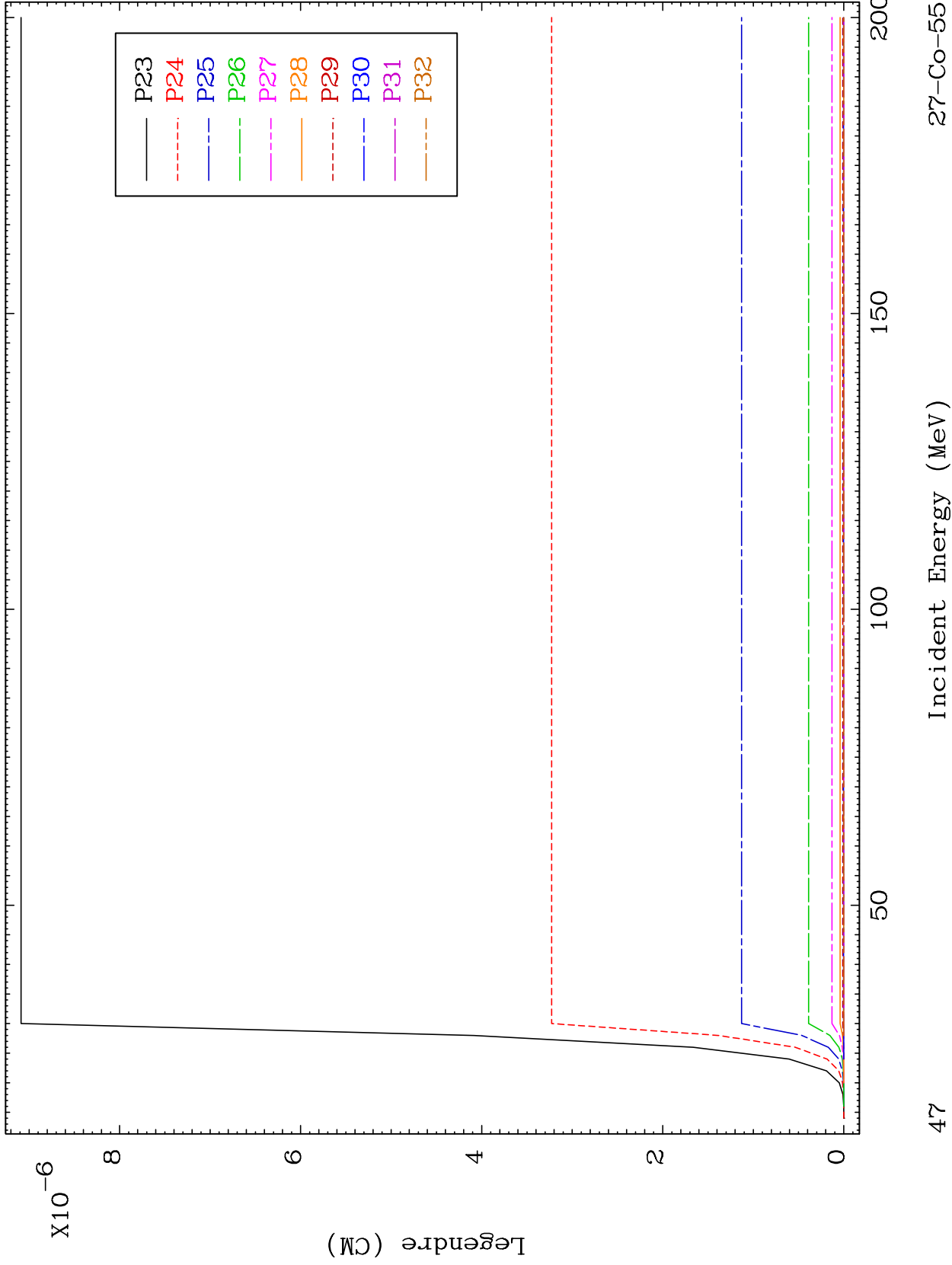


46

MAT 2713

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

27-Co-55

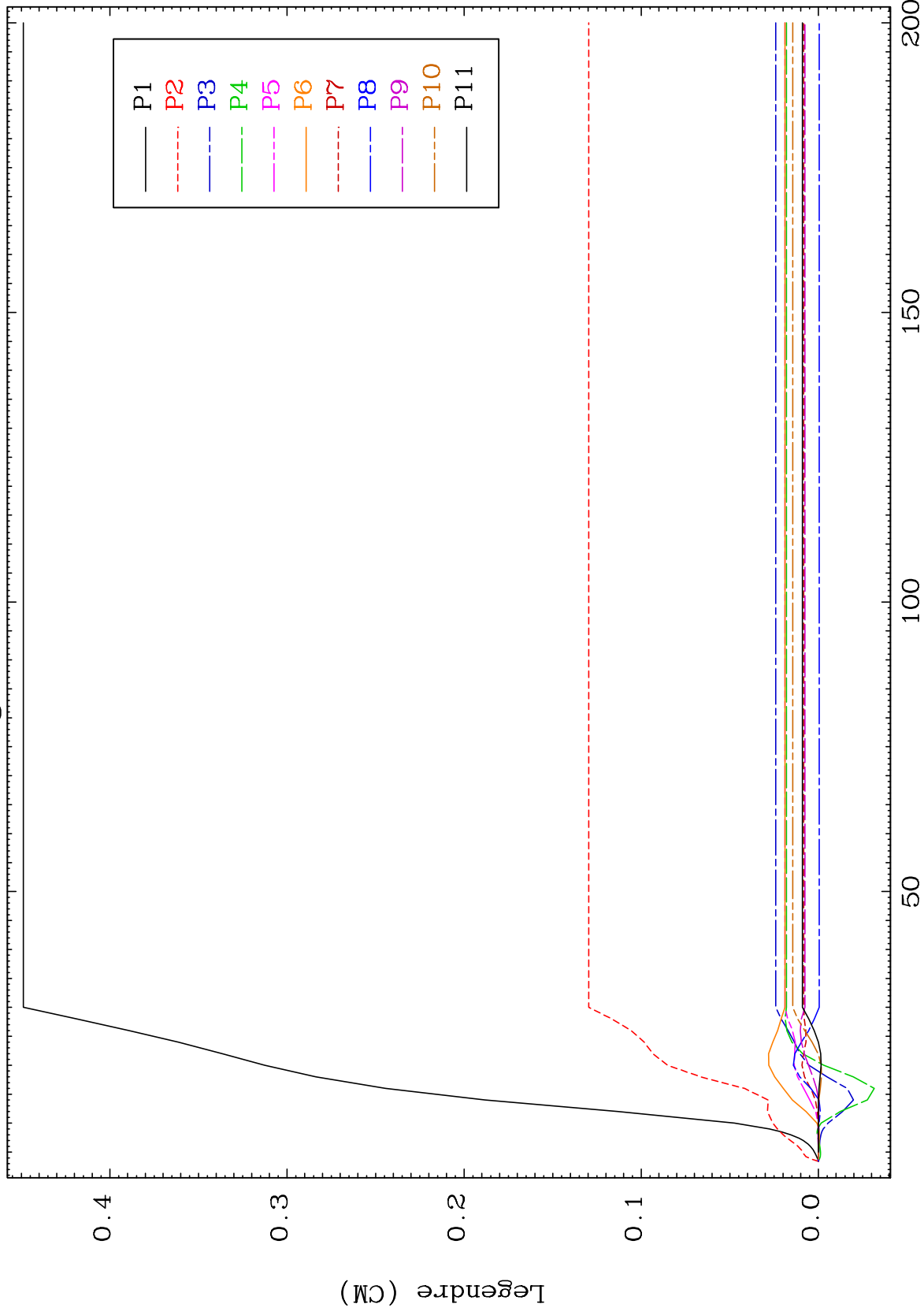




MAT 2713

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

27-Co-55



48

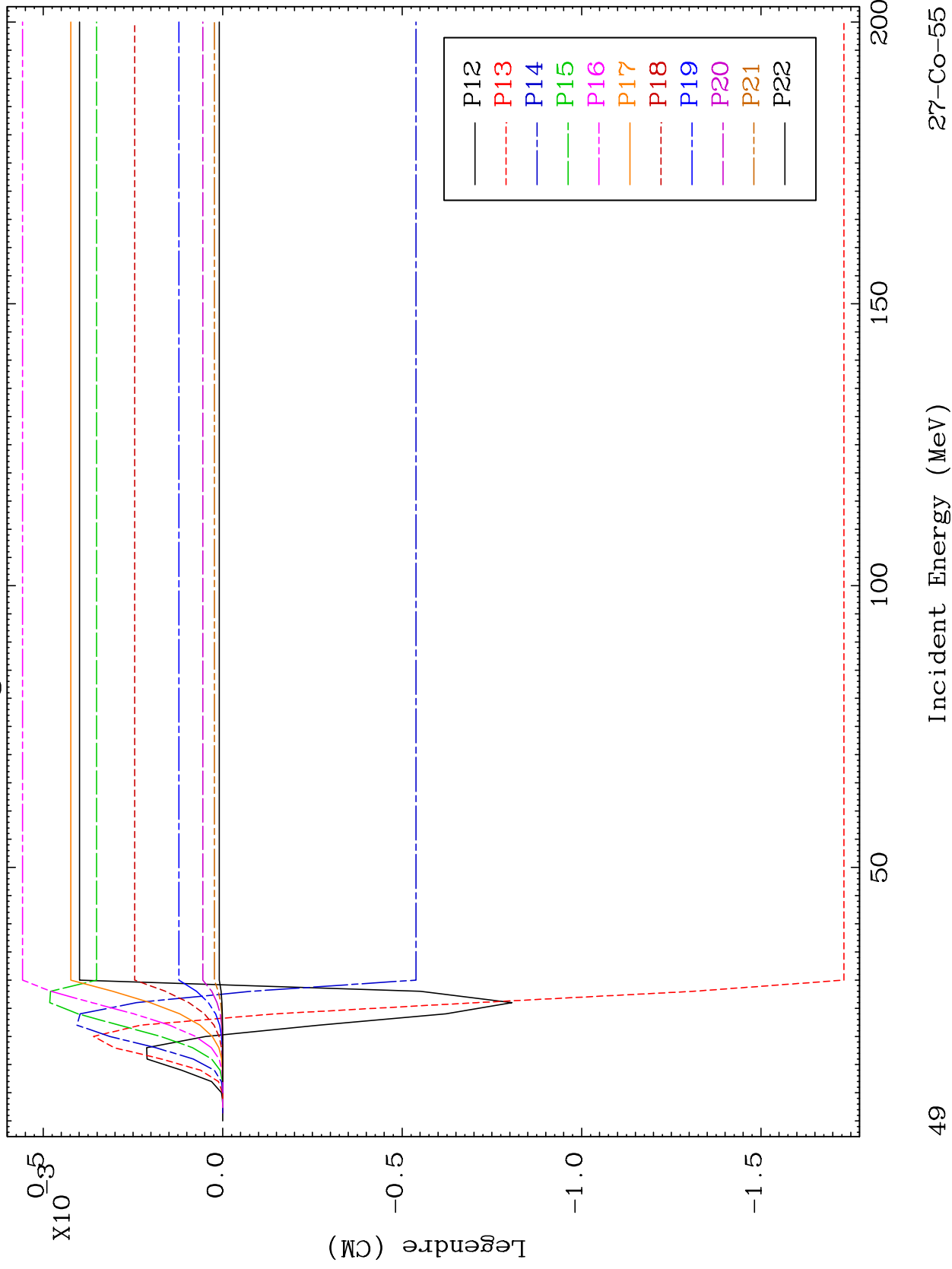
Incident Energy (MeV)

27-Co-55

MAT 2713

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

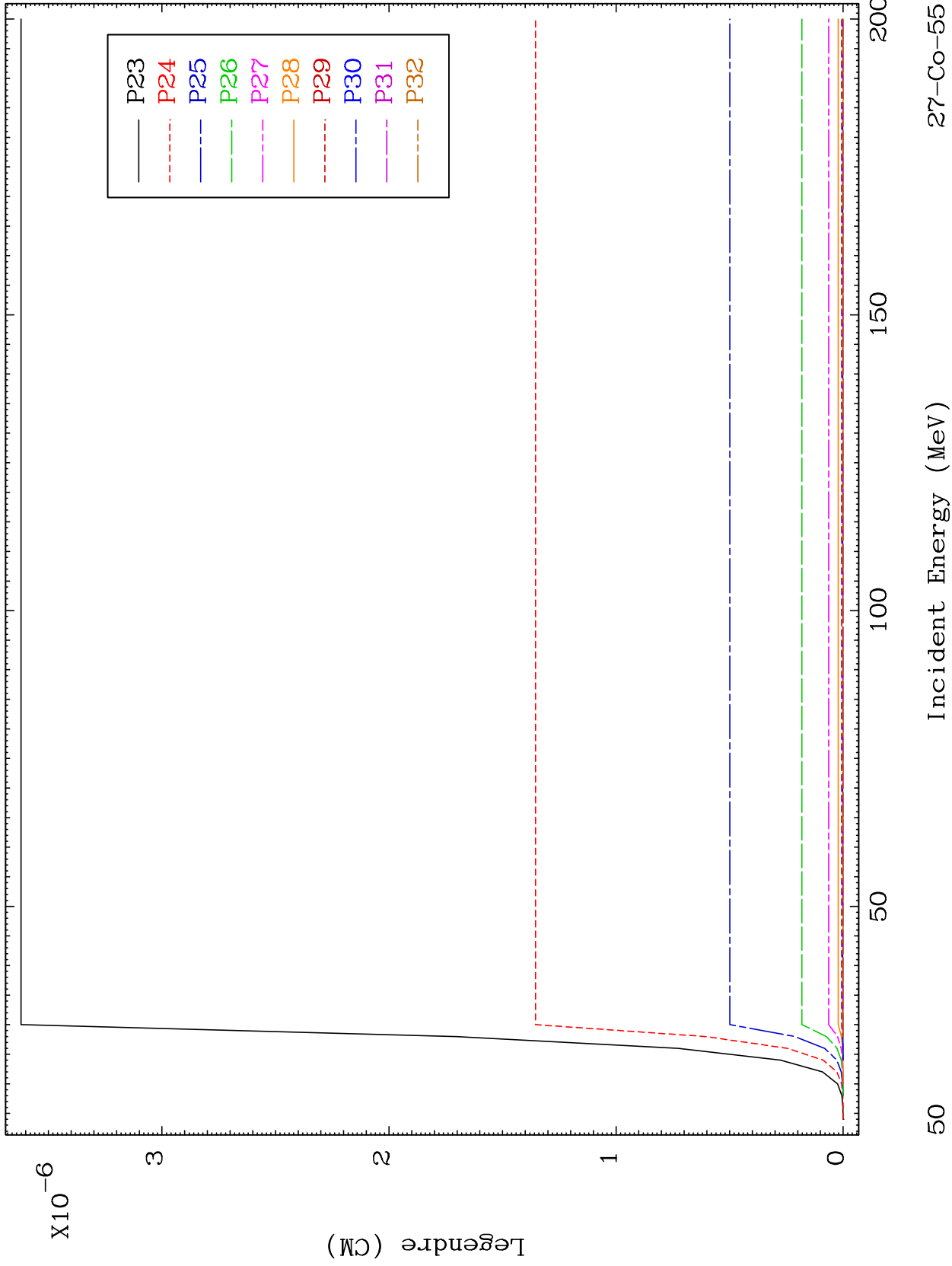
27-Co-55



MAT 2713

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

27-Co-55

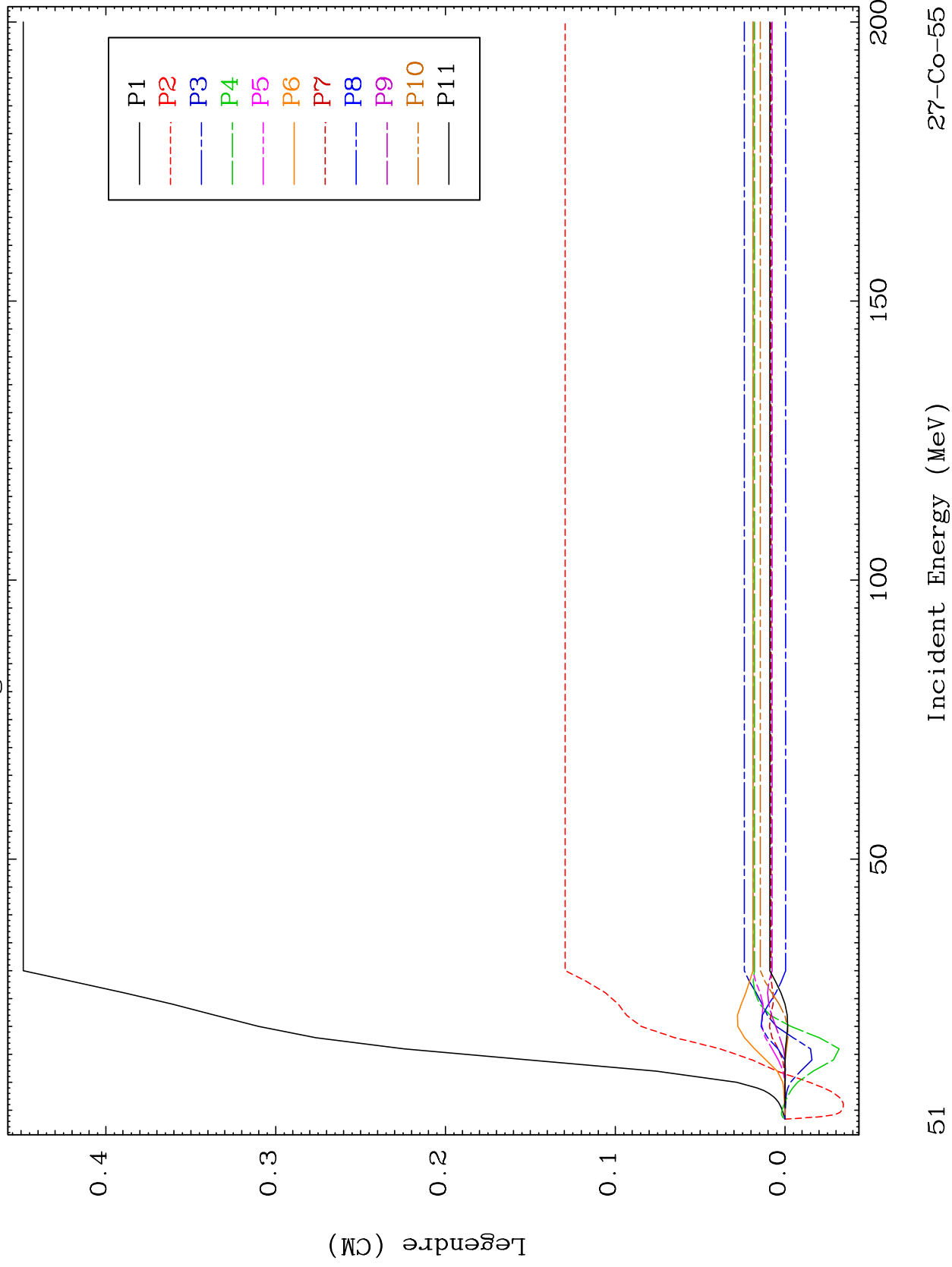


27-Co-55

MAT 2713

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

27-Co-55



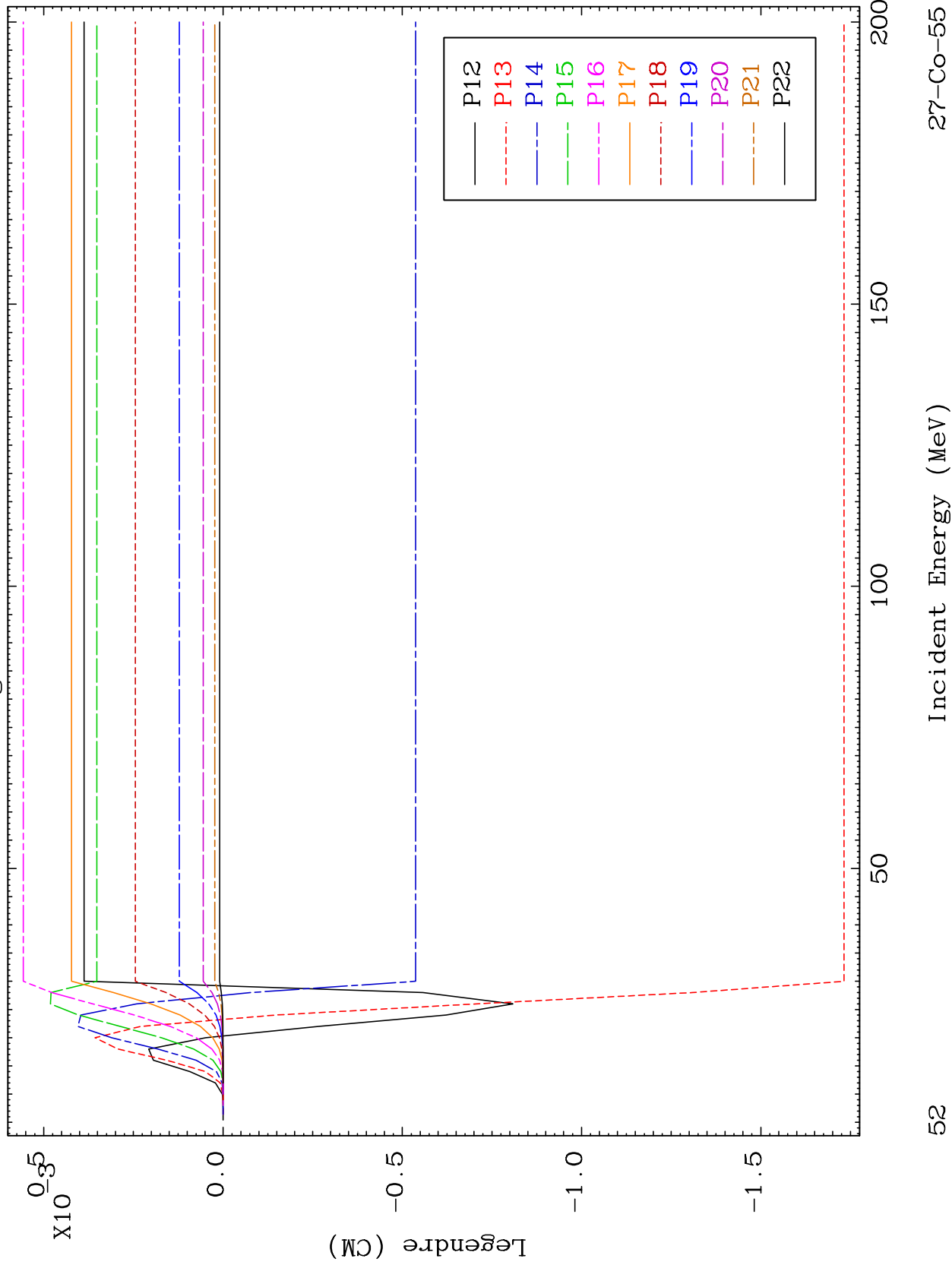
51

200

MAT 2713

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

27-Co-55



52

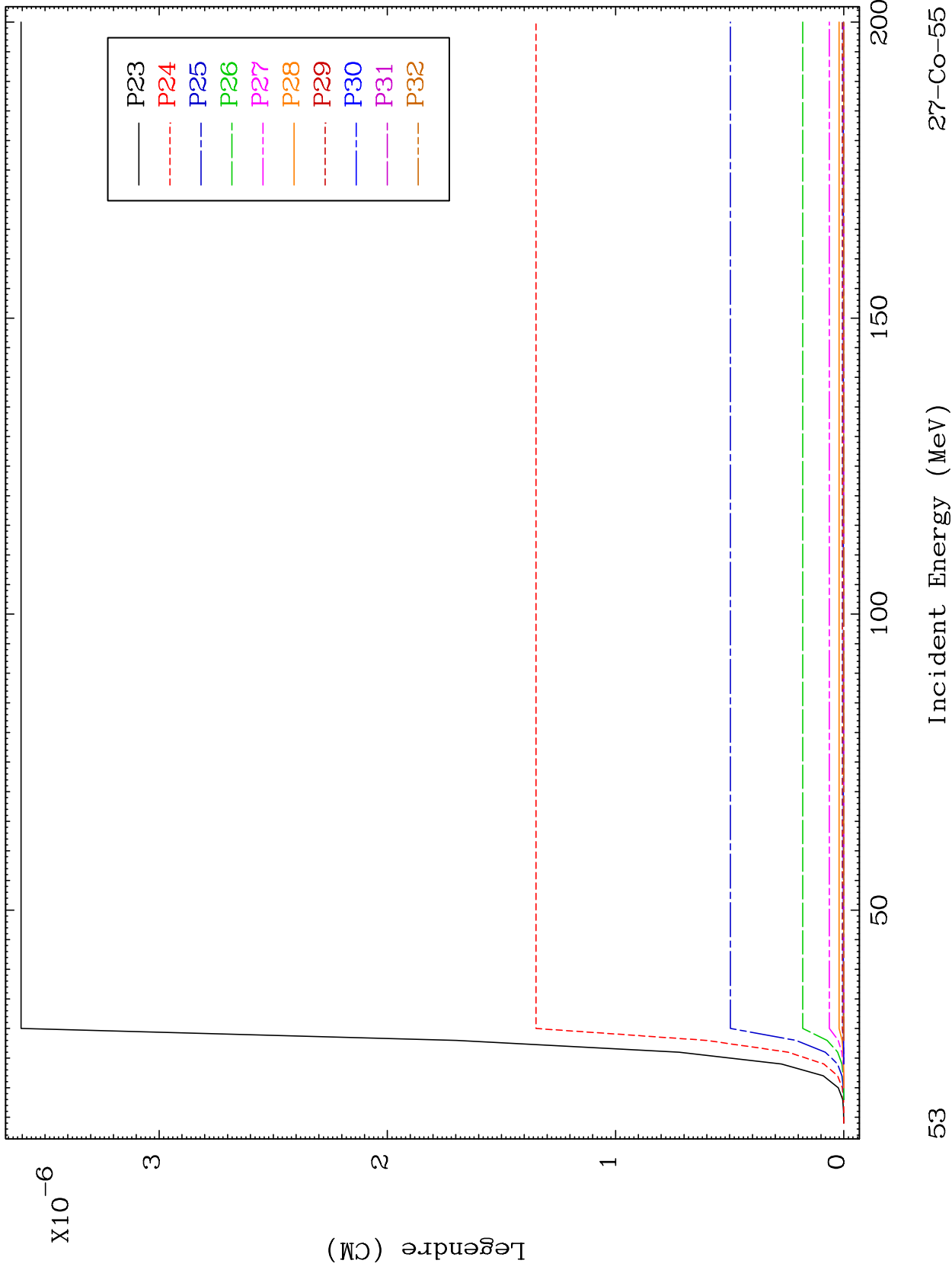
Incident Energy (MeV)

27-Co-55

MAT 2713

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

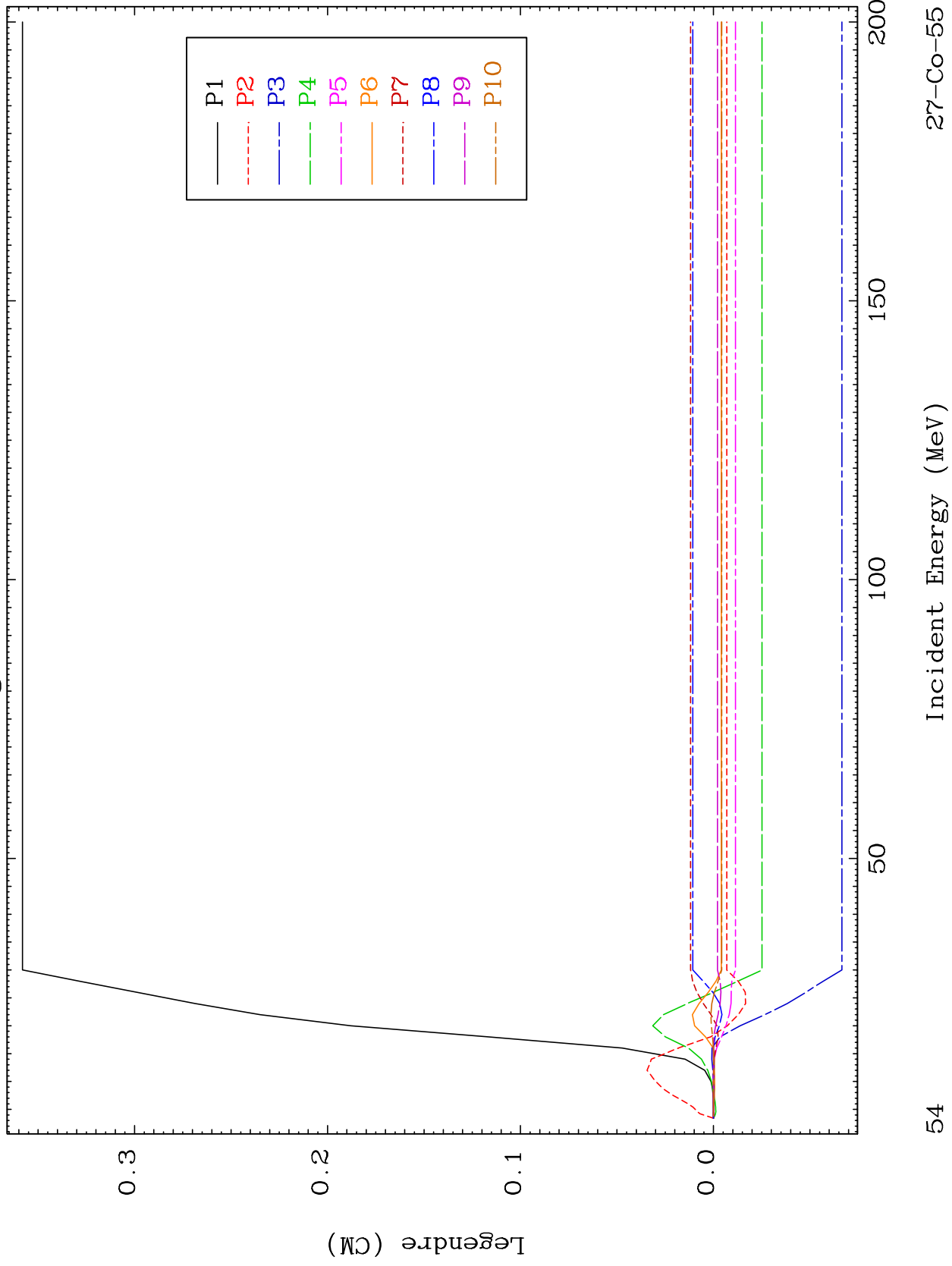
27-Co-55



MAT 2713

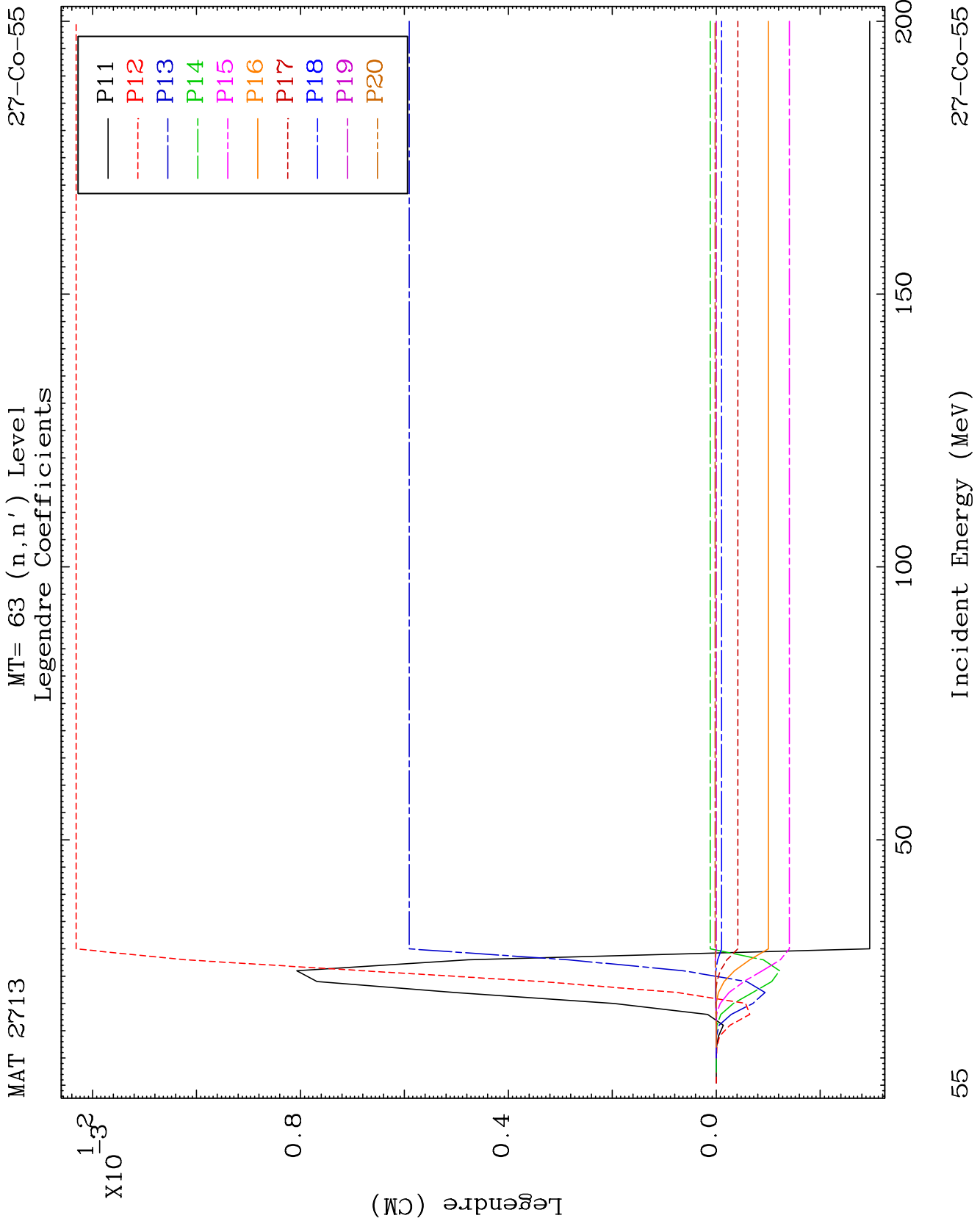
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Legendre Coefficients

27-Co-55



54

27-Co-55

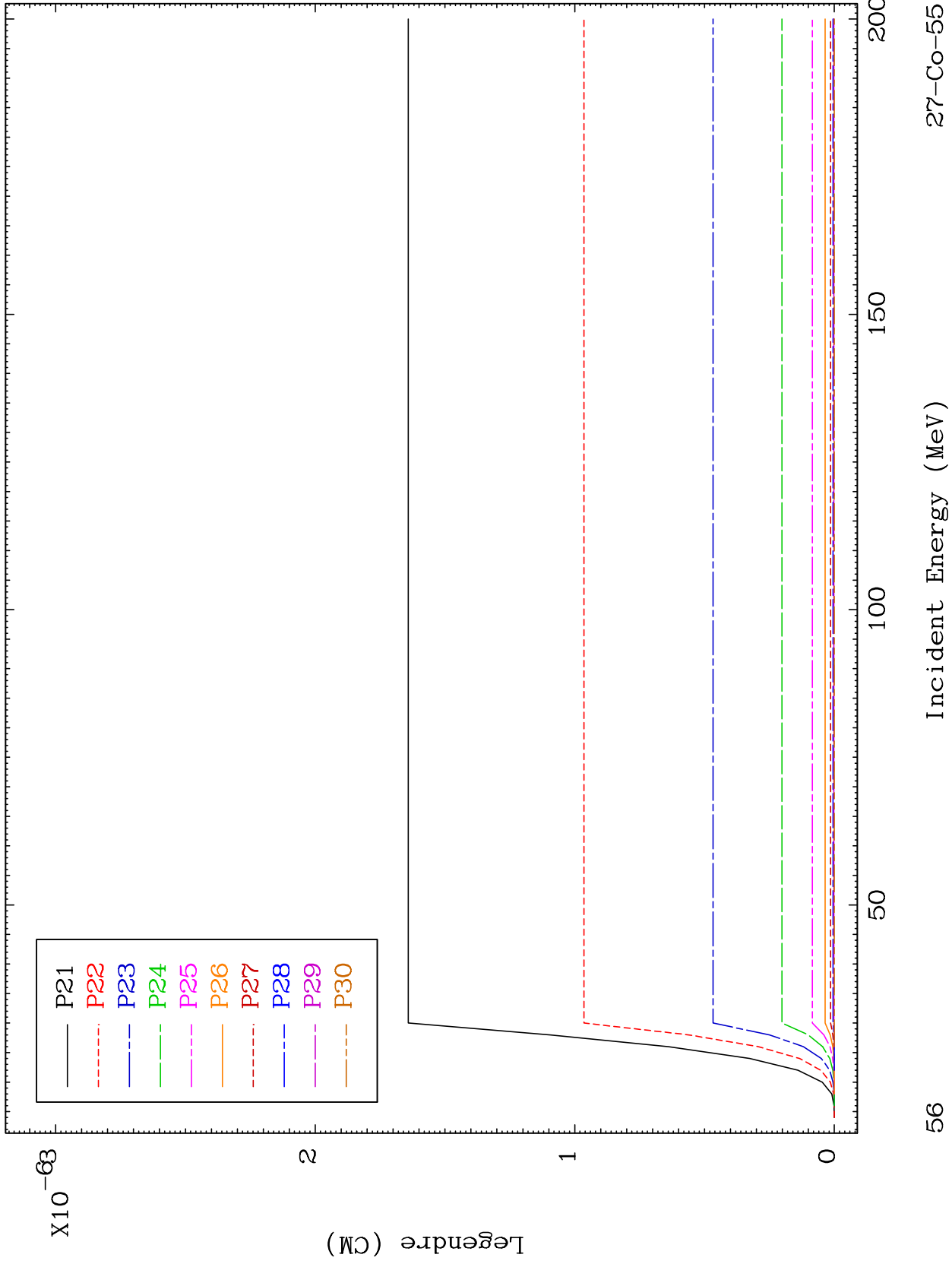


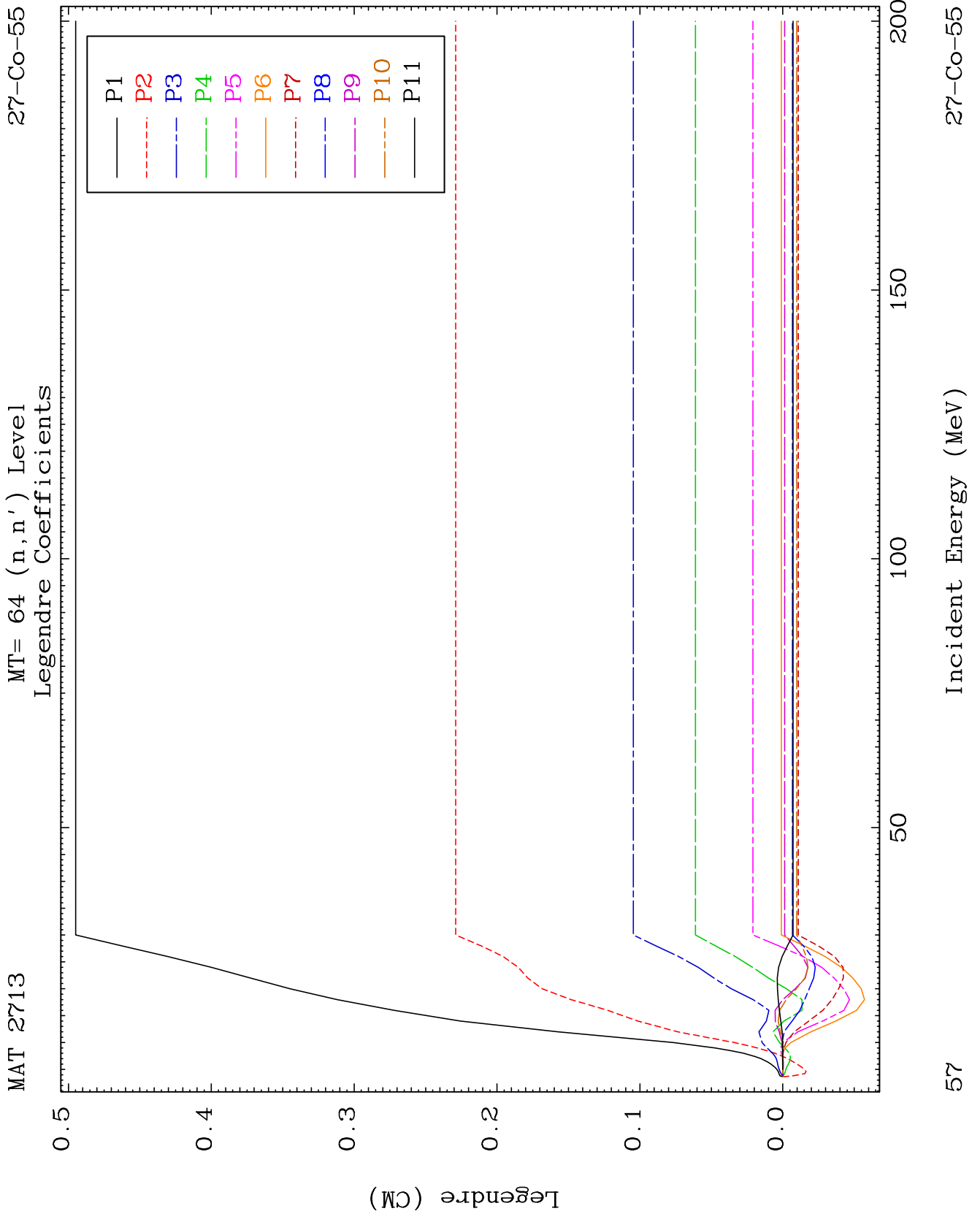


MAT 2713

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

27-Co-55

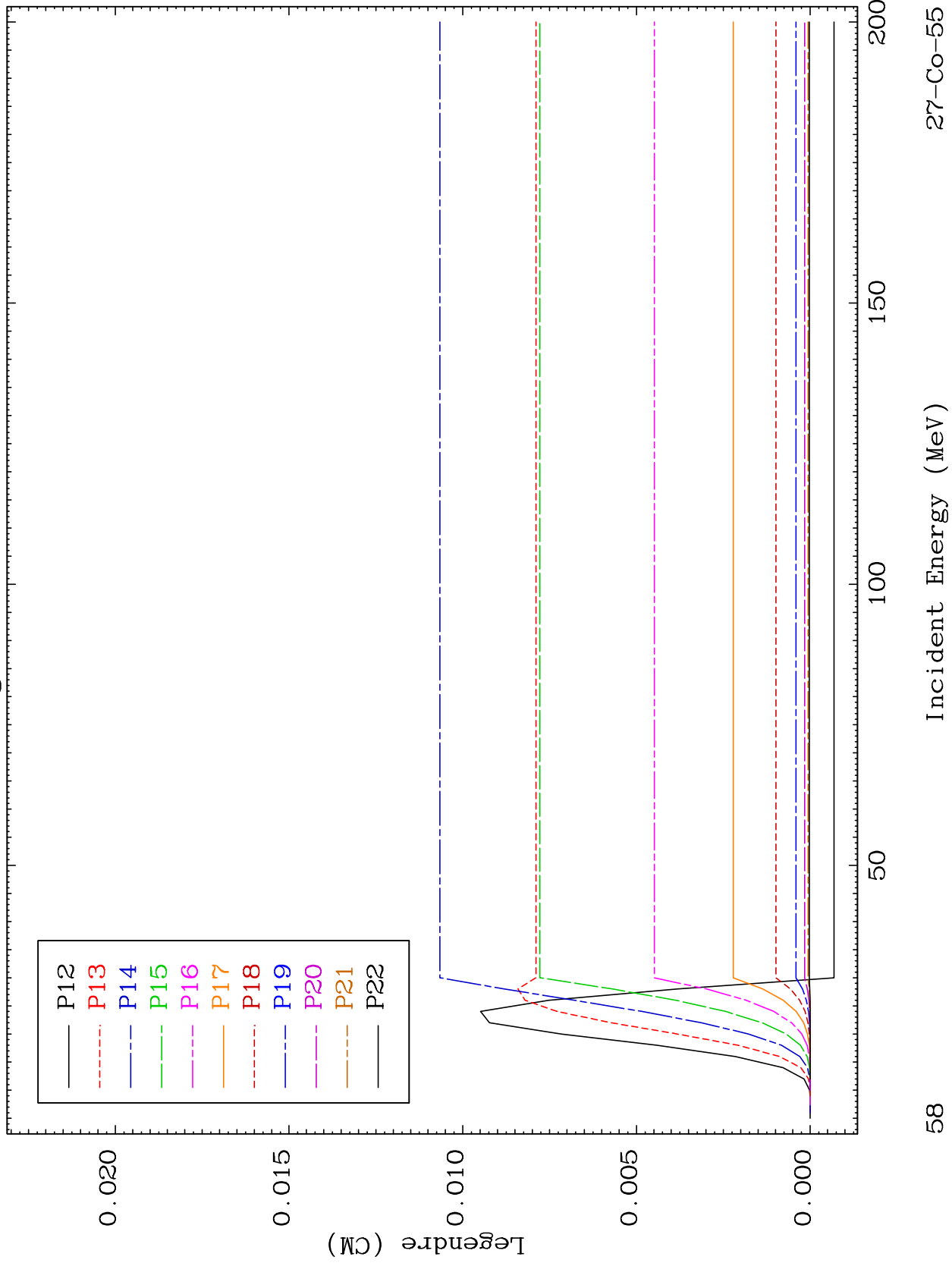




MAT 2713

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

27-Co-55



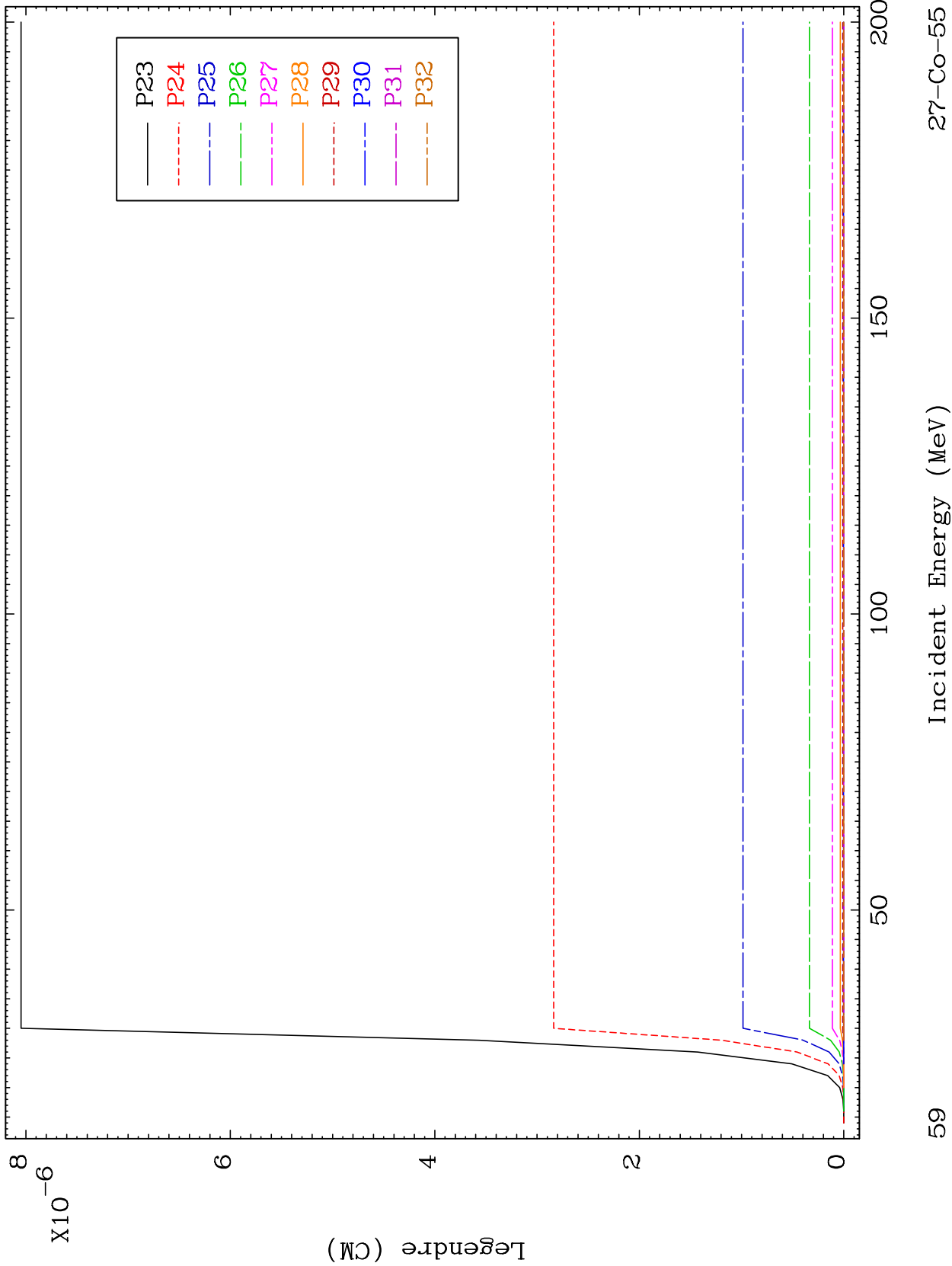
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27-Co-55

MAT 2713

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

27-Co-55



59

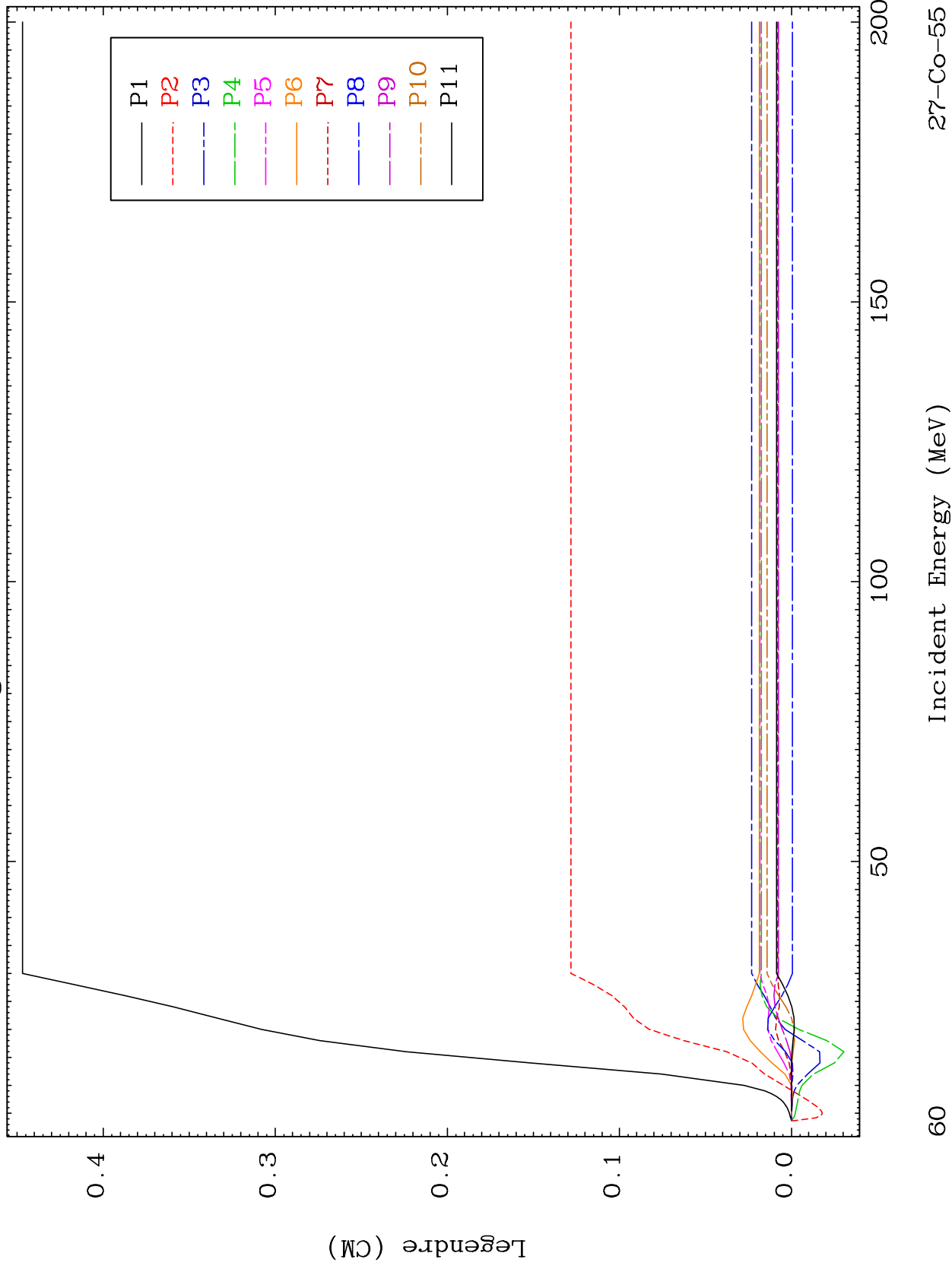
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



27-Co-55

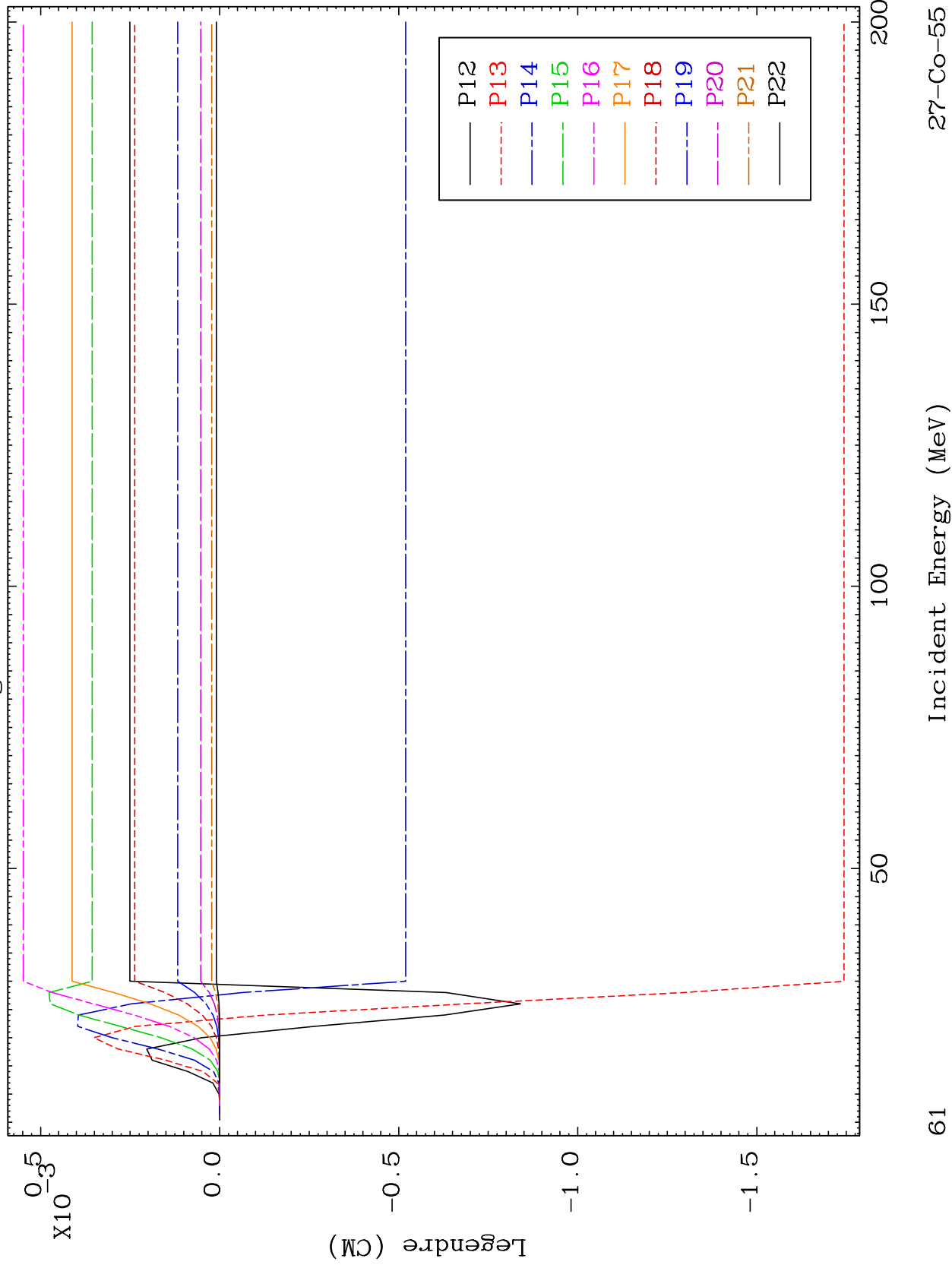
Incident Energy (MeV)

60

MAT 2713

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

27-Co-55



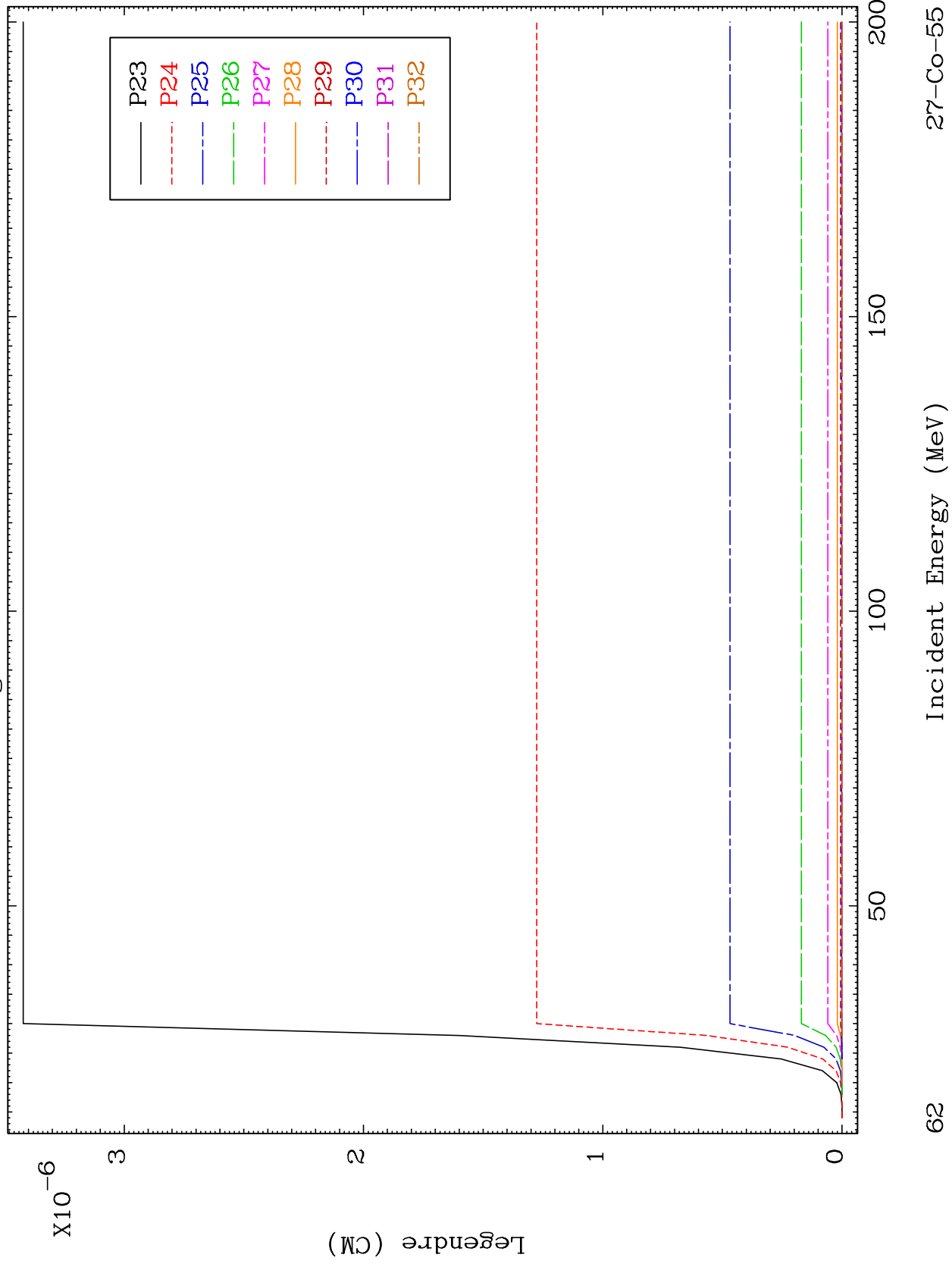
61

27-Co-55

MAT 2713

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

27-Co-55



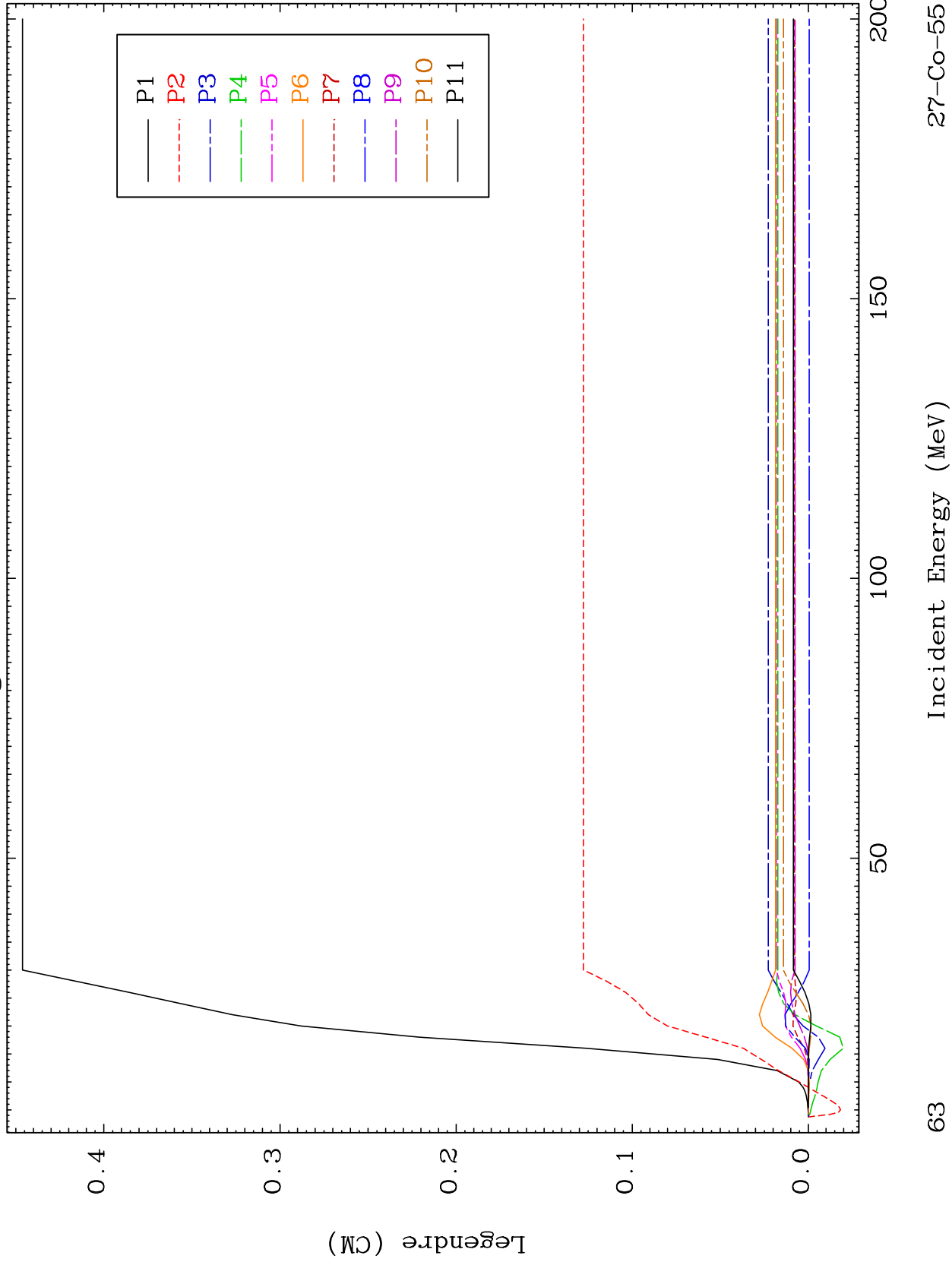
62

200

MAT 2713

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

27-Co-55

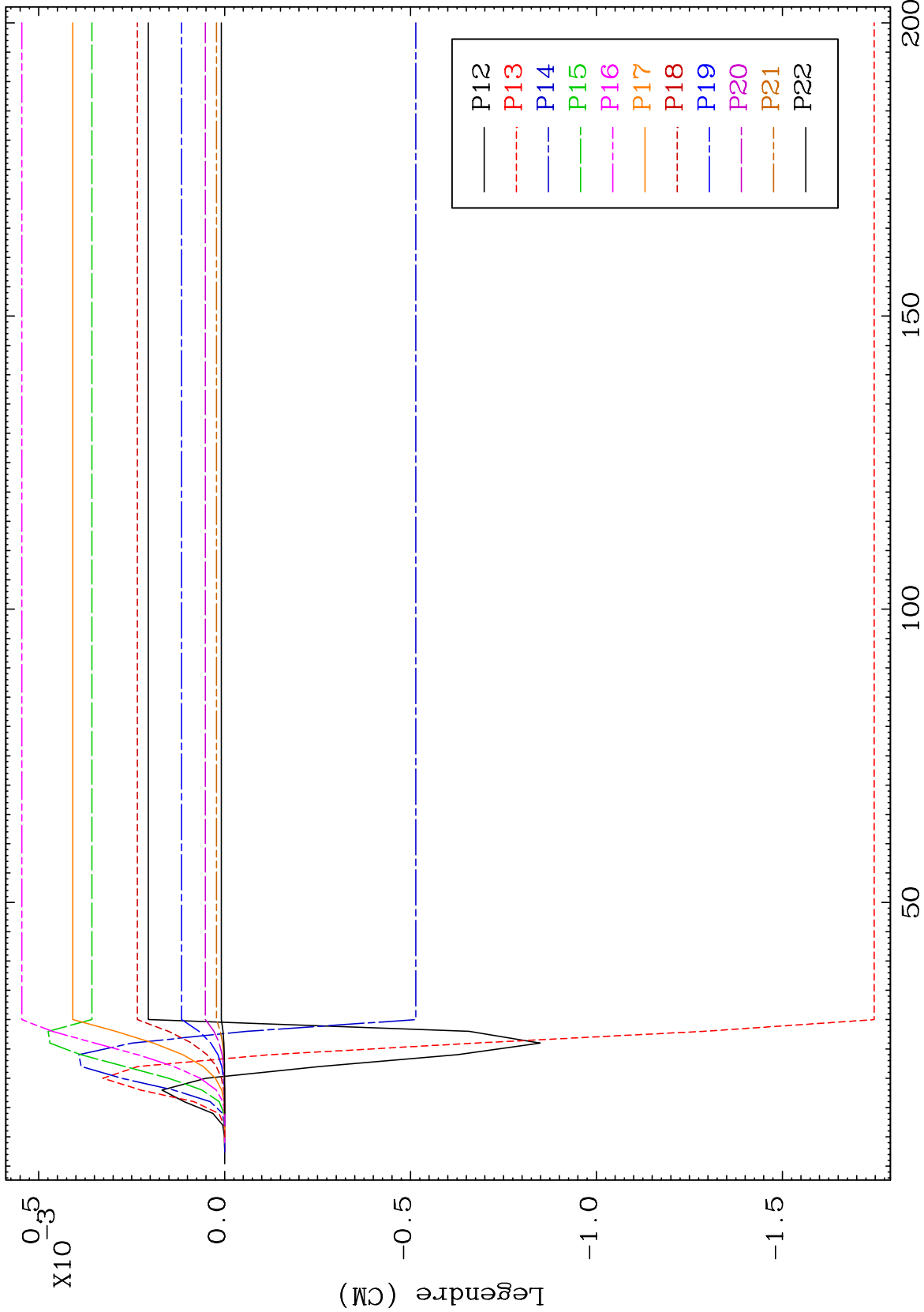




MAT 2713

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

27-Co-55



64

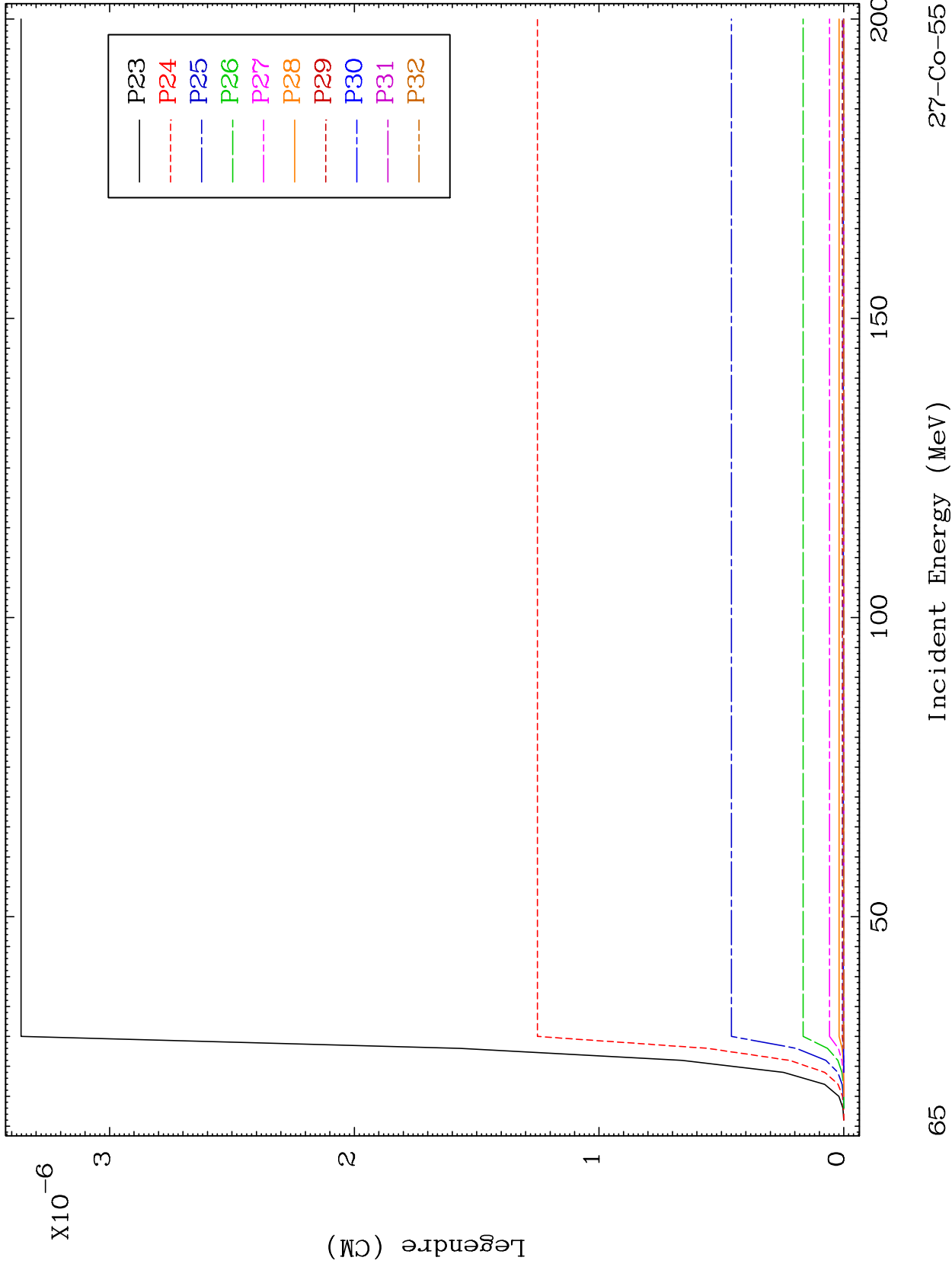
Incident Energy (MeV)

27-Co-55

MAT 2713

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

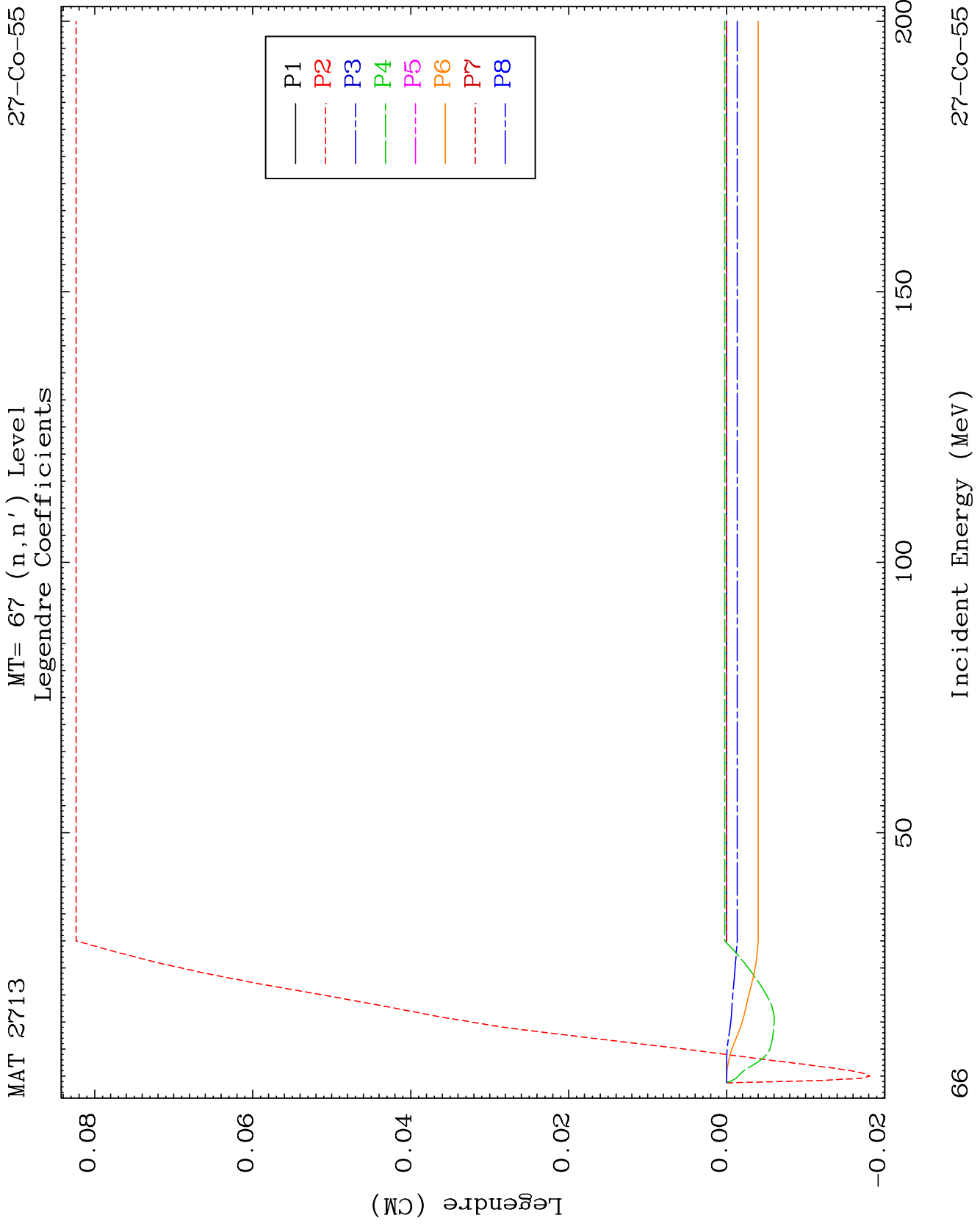
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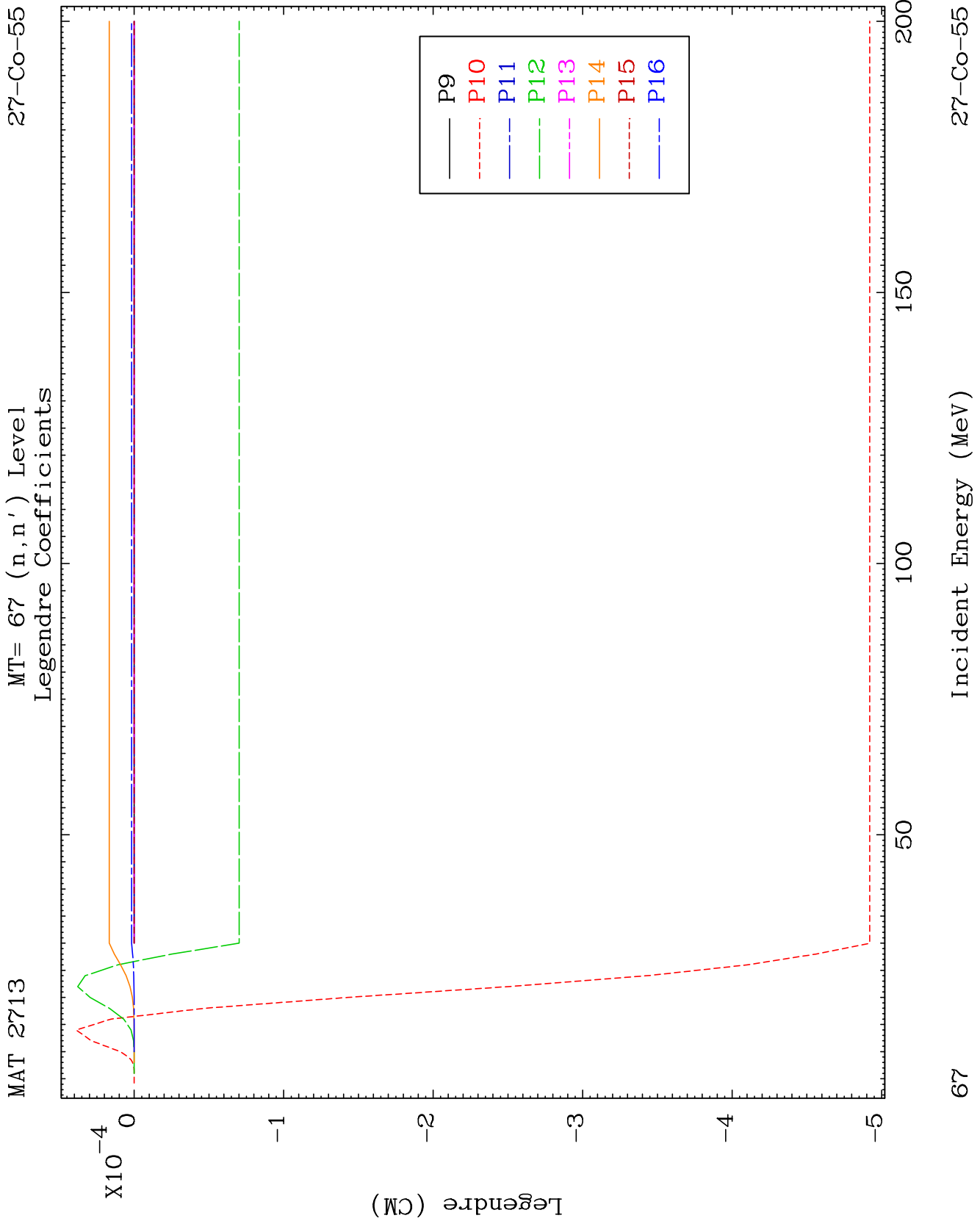


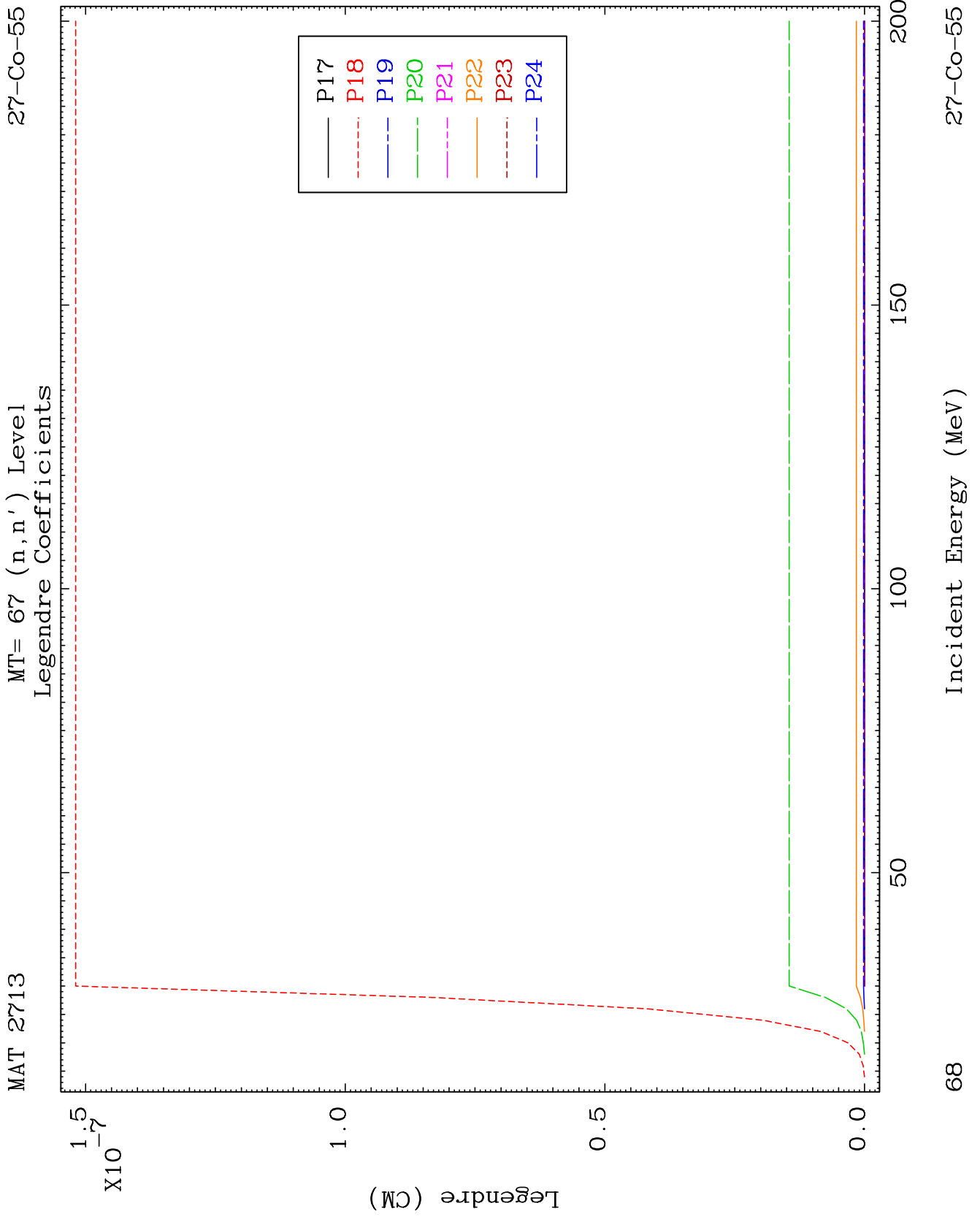
65

Incident Energy (MeV)

27-Co-55





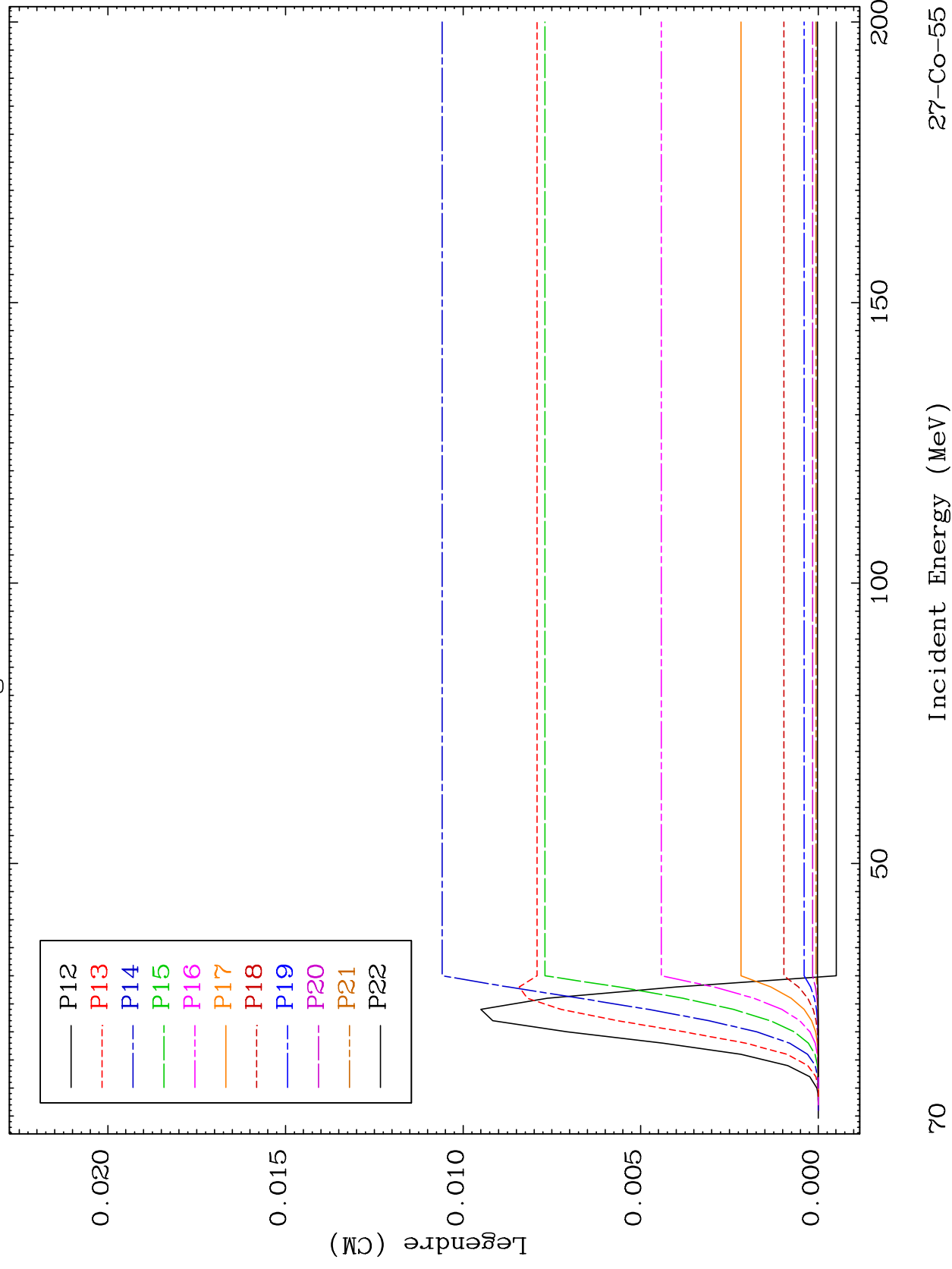




MAT 2713

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

27-Co-55



70

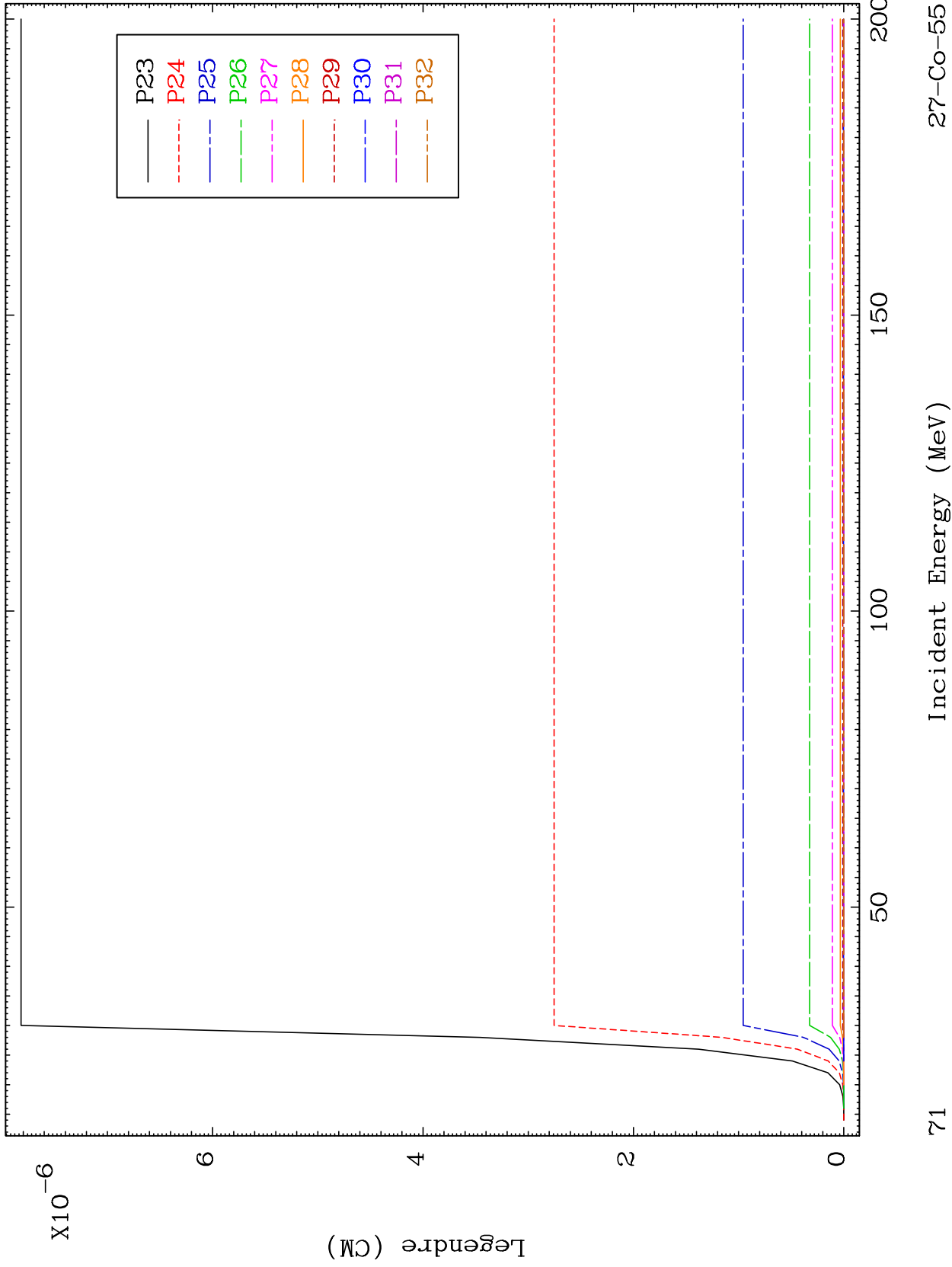
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55

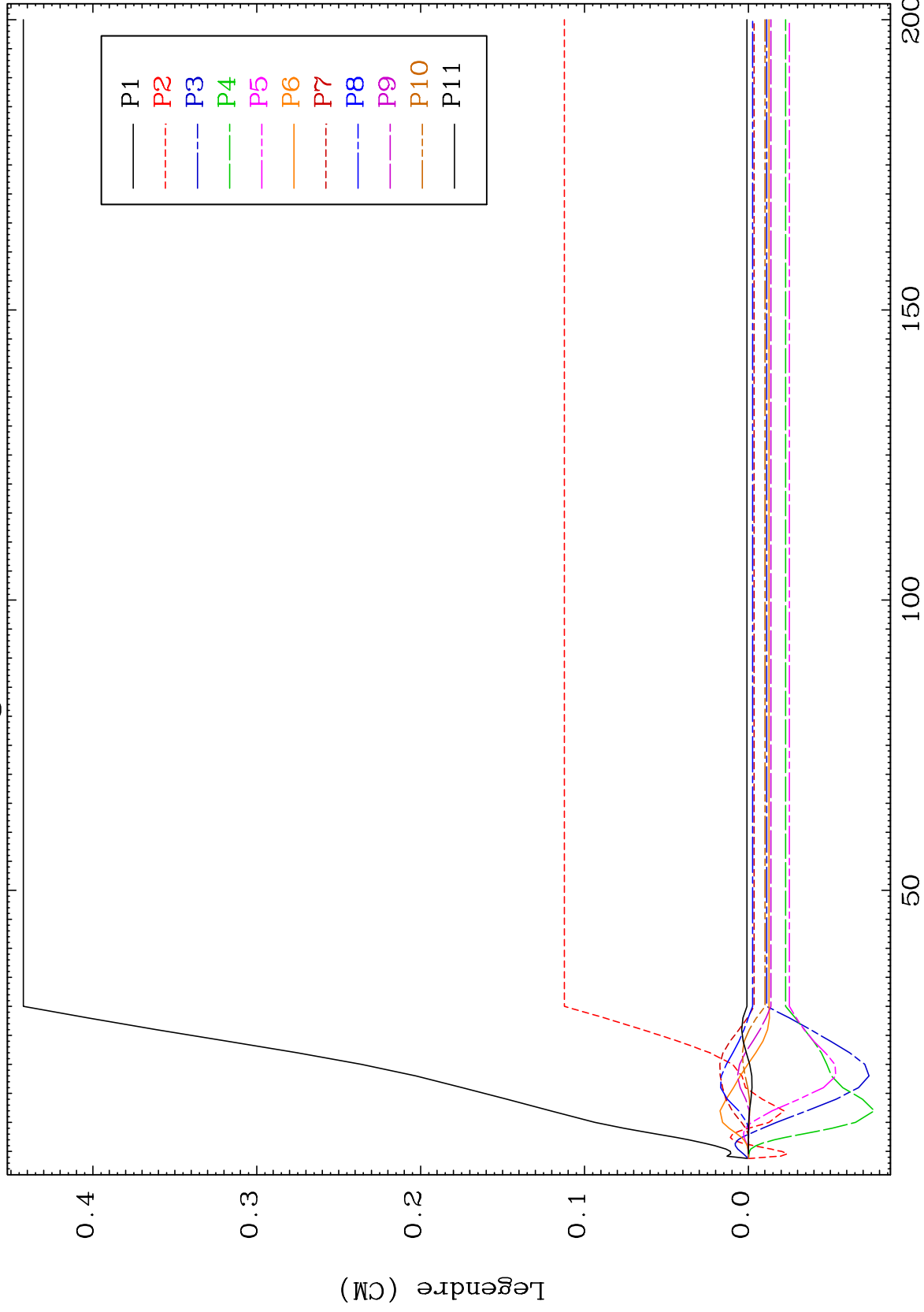




MAT 2713

MT= 69 (n,n') Level  
Legendre Coefficients

27-Co-55



72

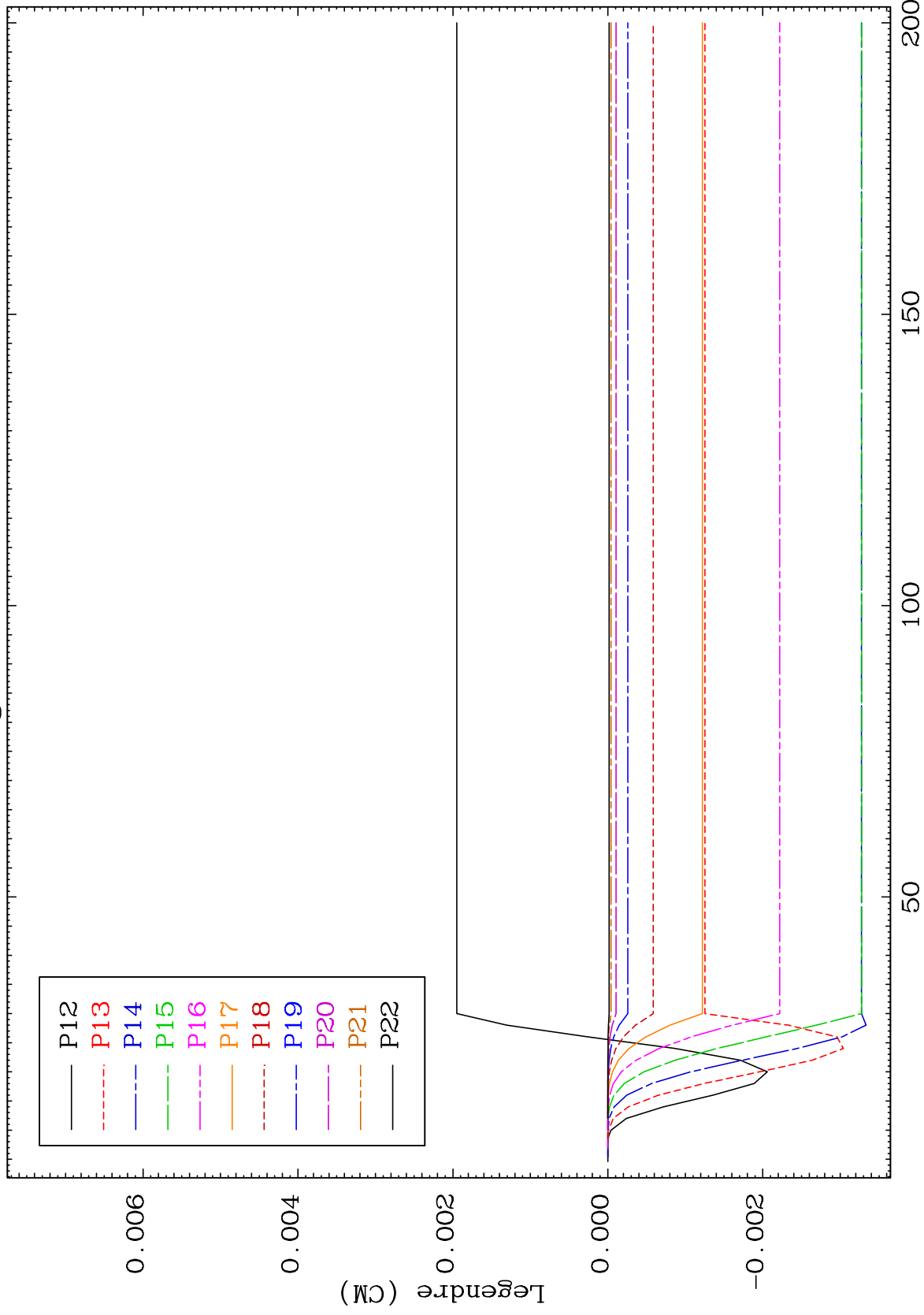
Incident Energy (MeV)

27-Co-55

MAT 2713

MT= 69 (n,n') Level  
Legendre Coefficients

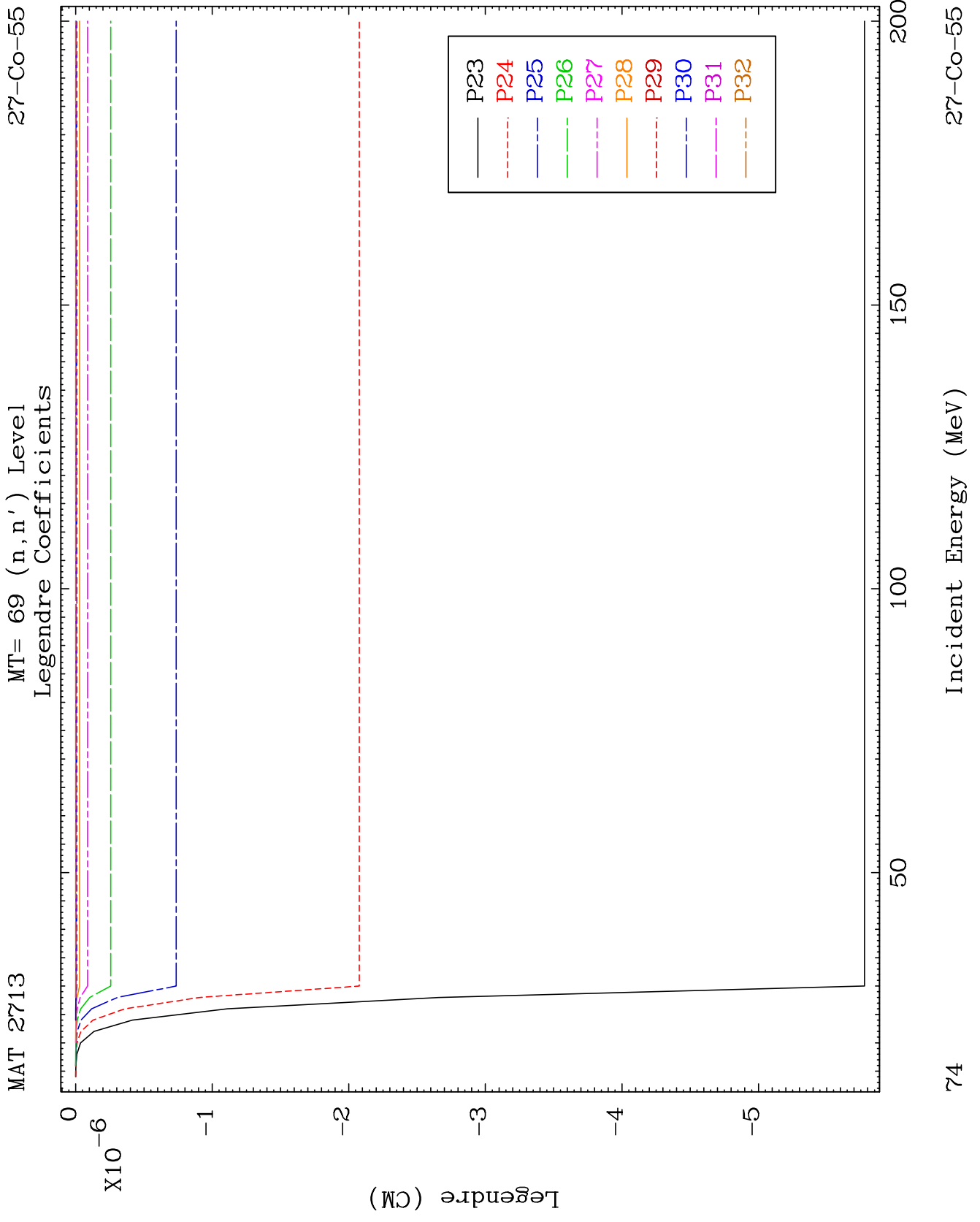
27-Co-55

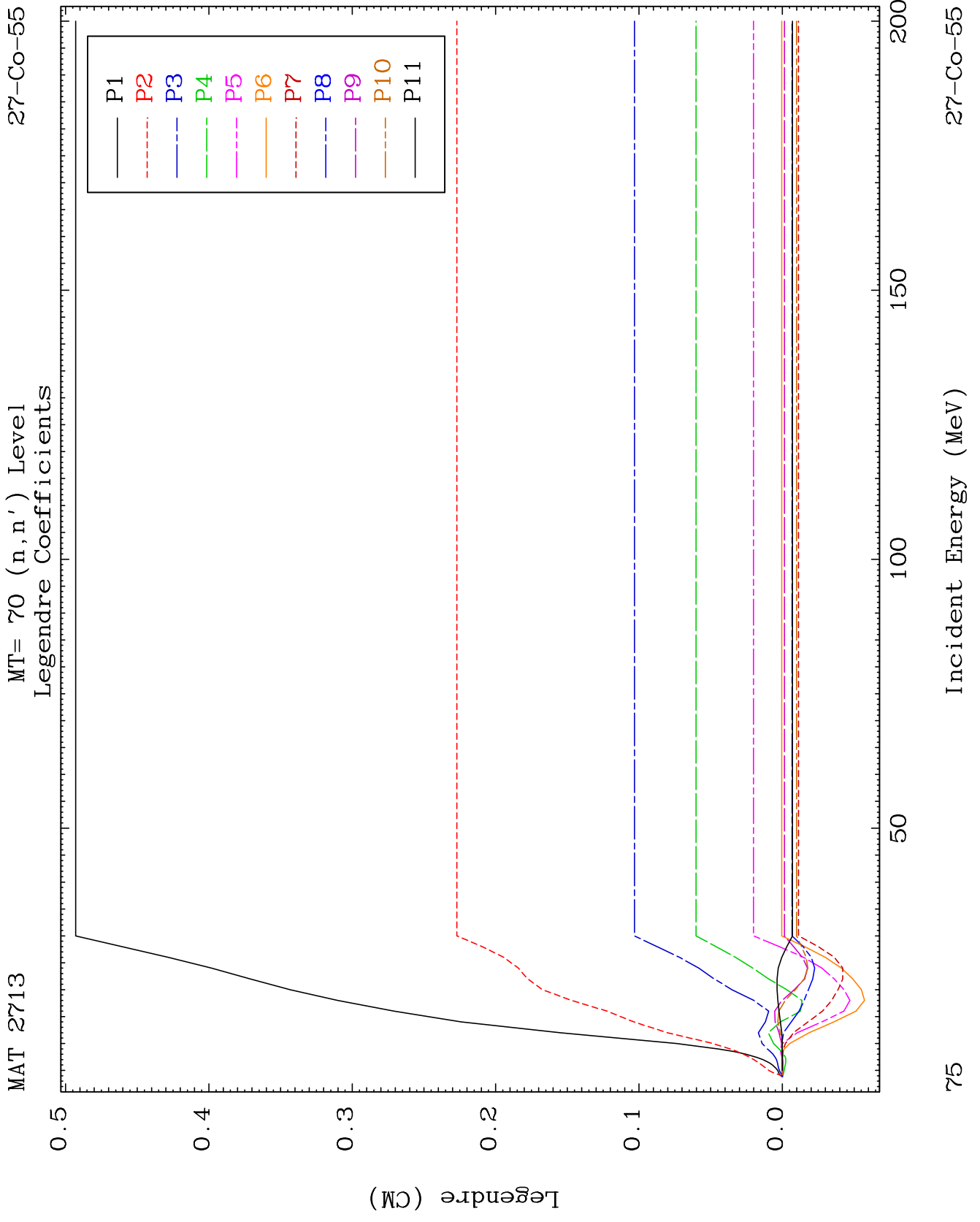


73

Incident Energy (MeV)

27-Co-55

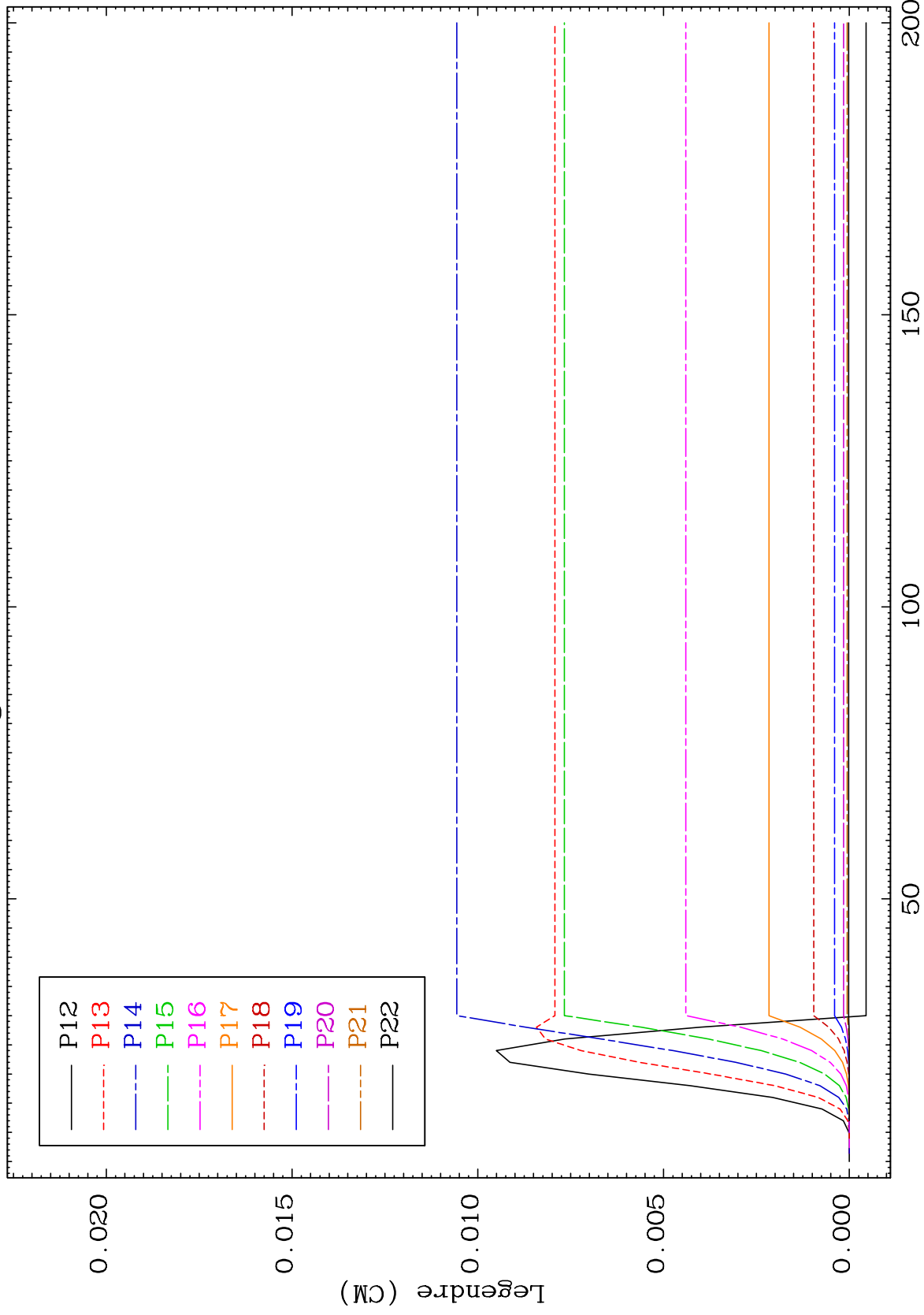




MAT 2713

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

27-Co-55



76

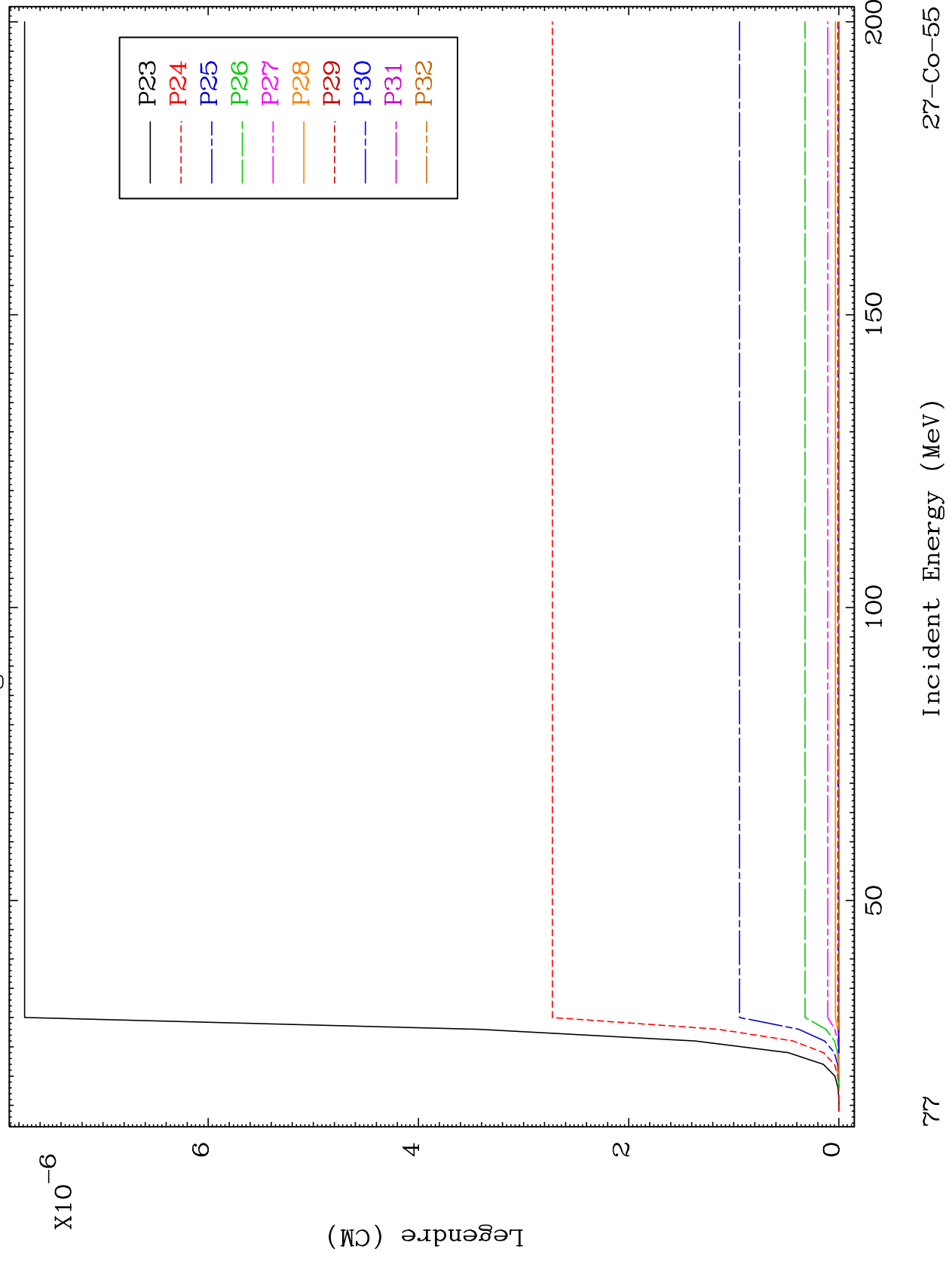
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



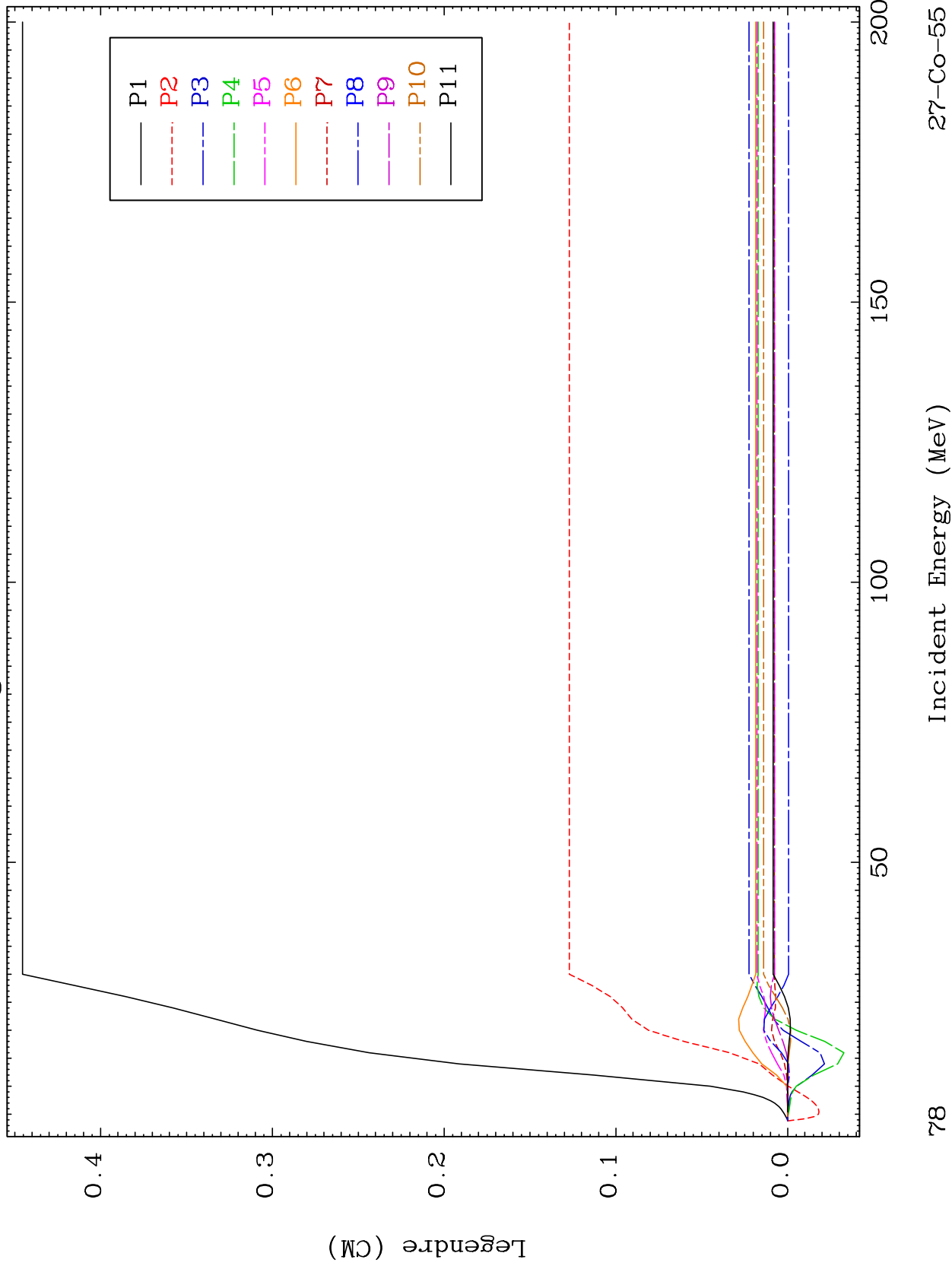
77

27-Co-55

MAT 2713

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

27-Co-55



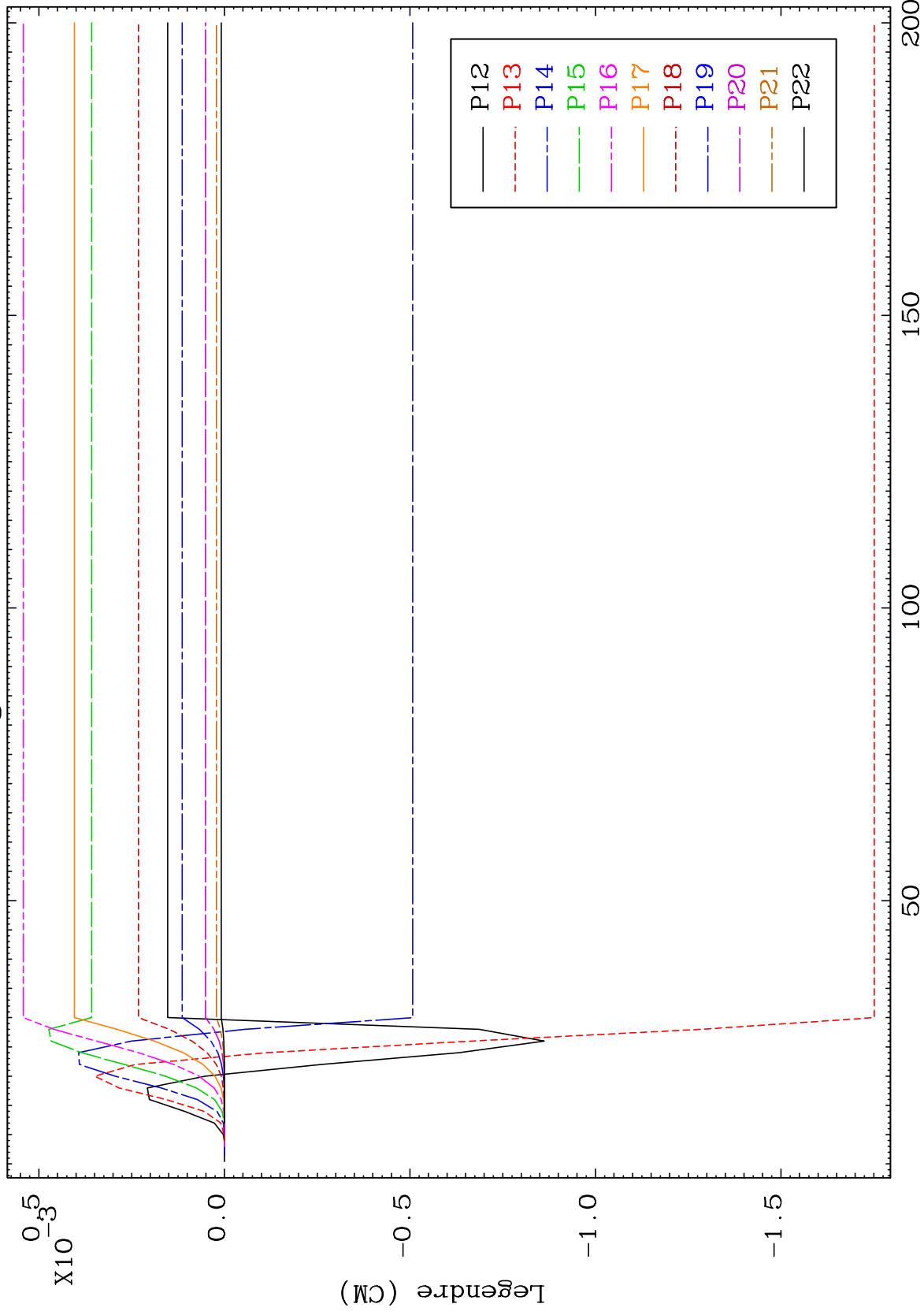
78

27-Co-55

MAT 2713

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

27-Co-55



79

Incident Energy (MeV)

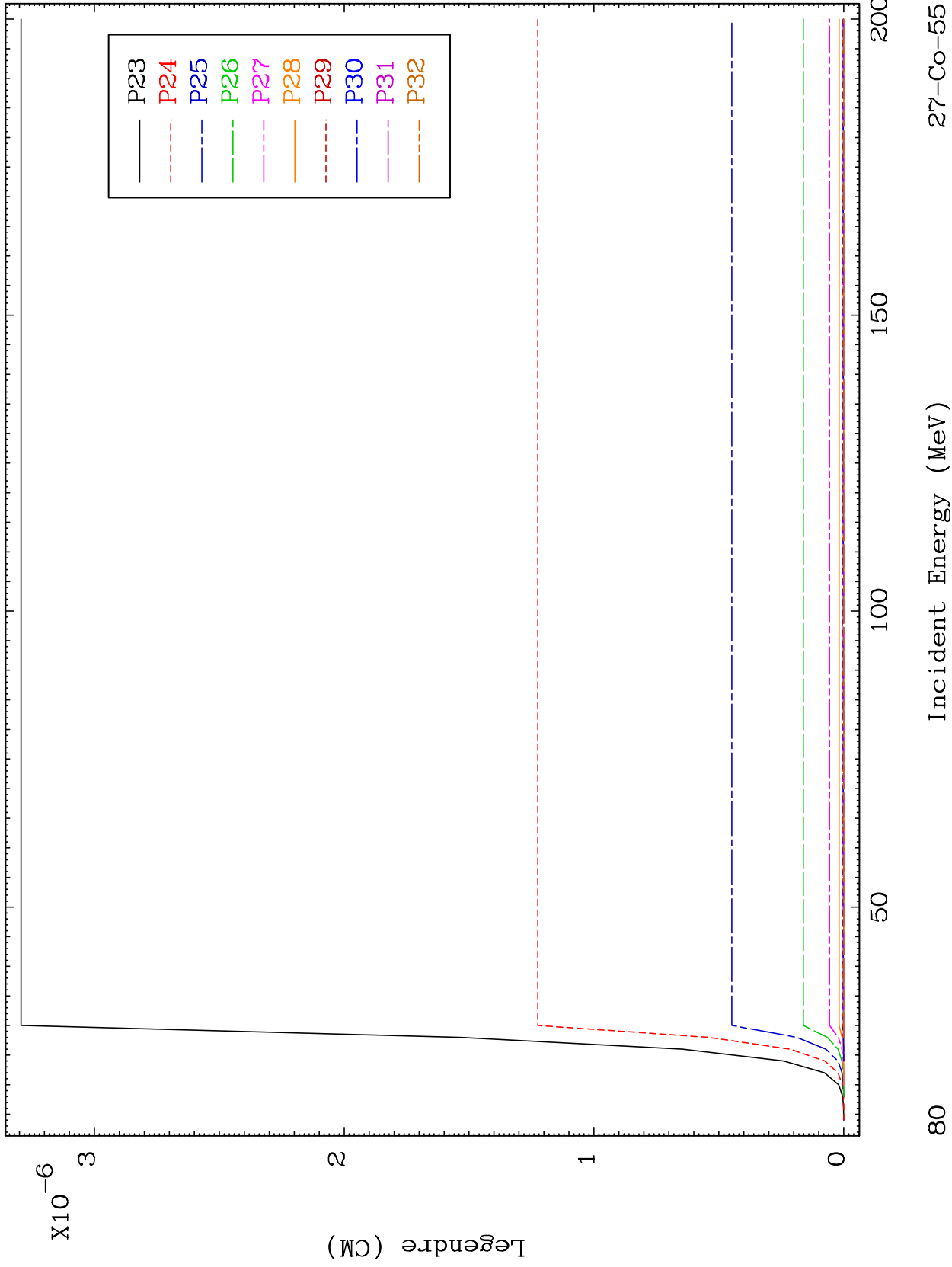
27-Co-55



MAT 2713

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

27-Co-55

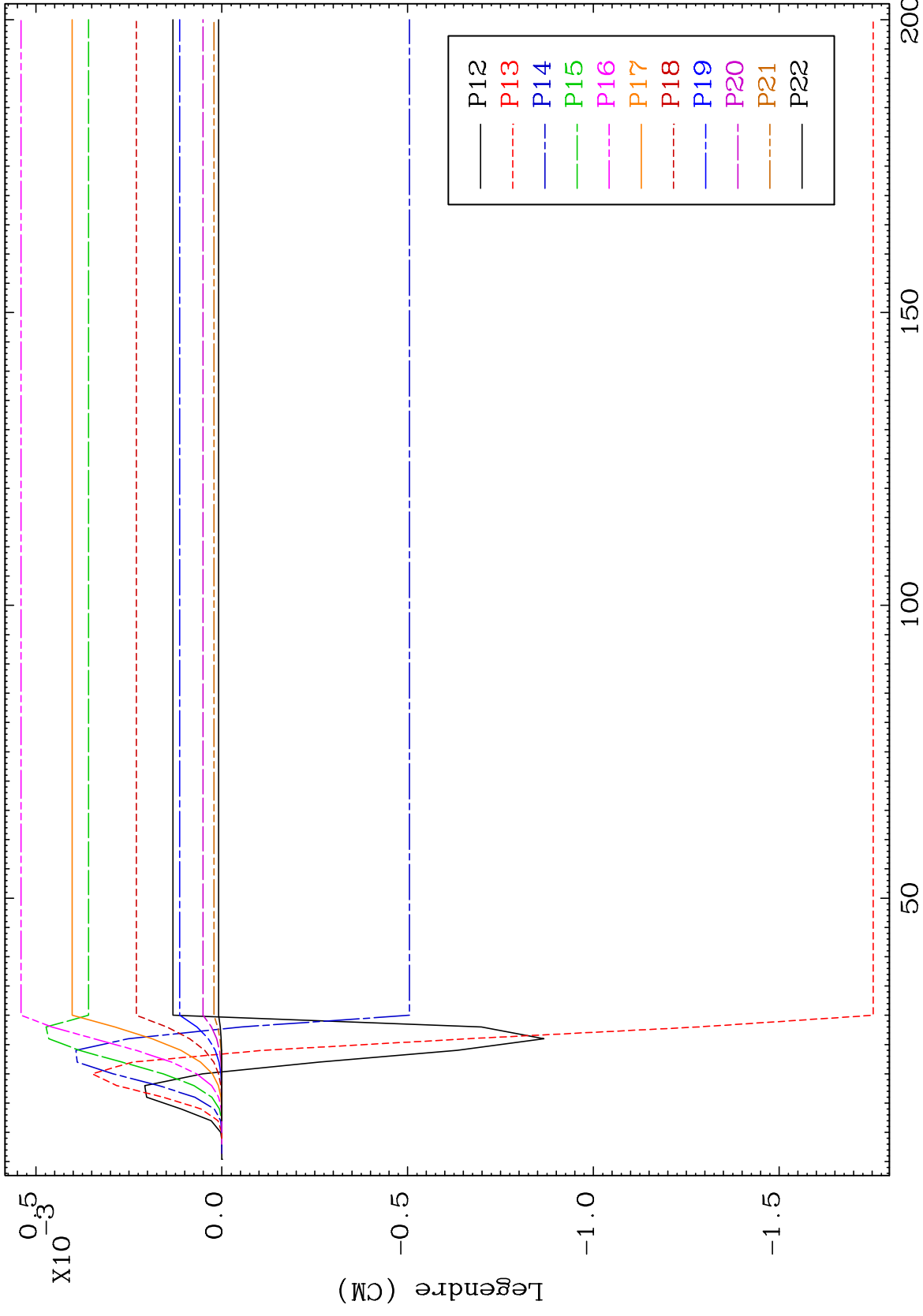




MAT 2713

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

27-Co-55



82

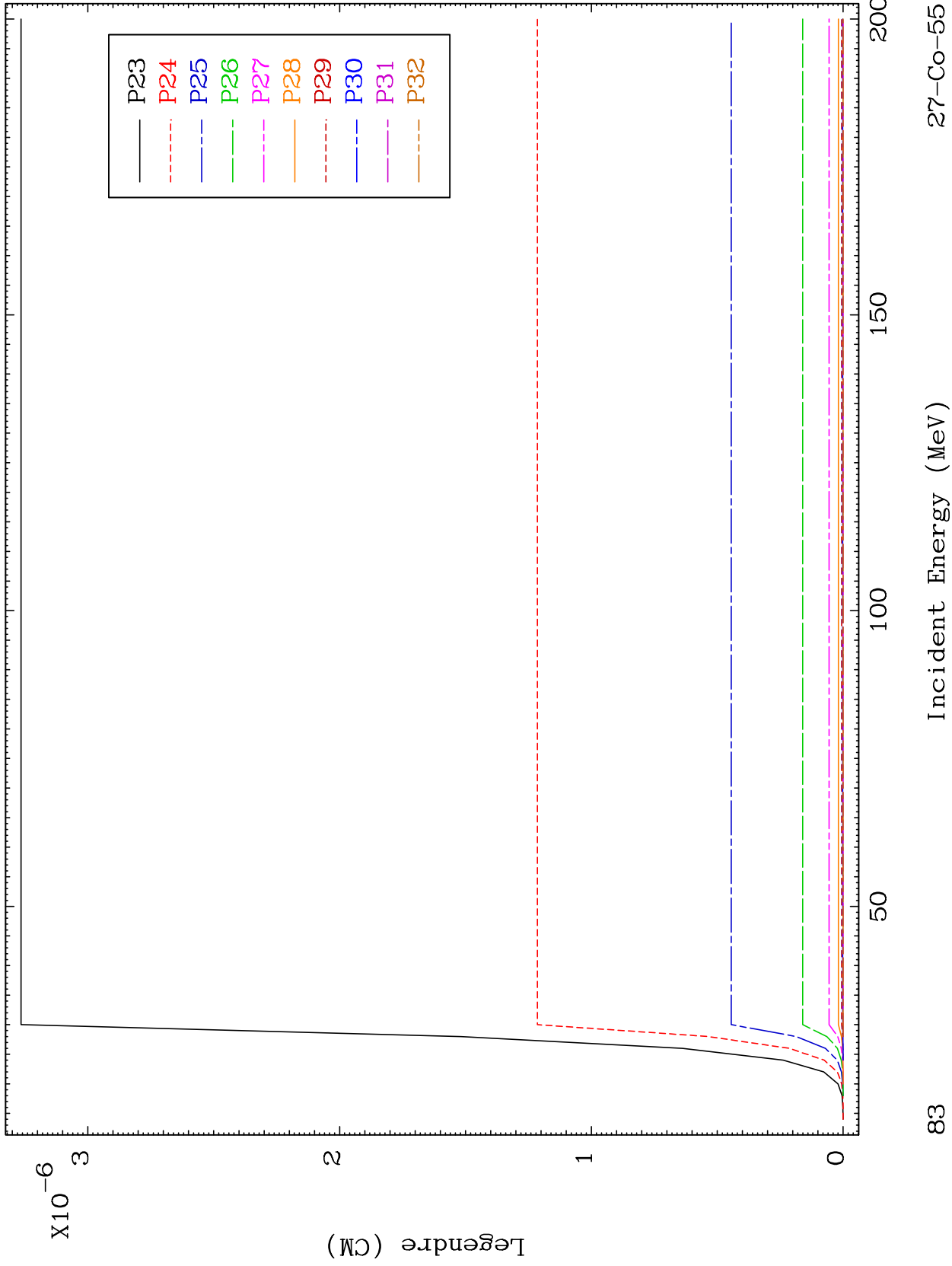
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



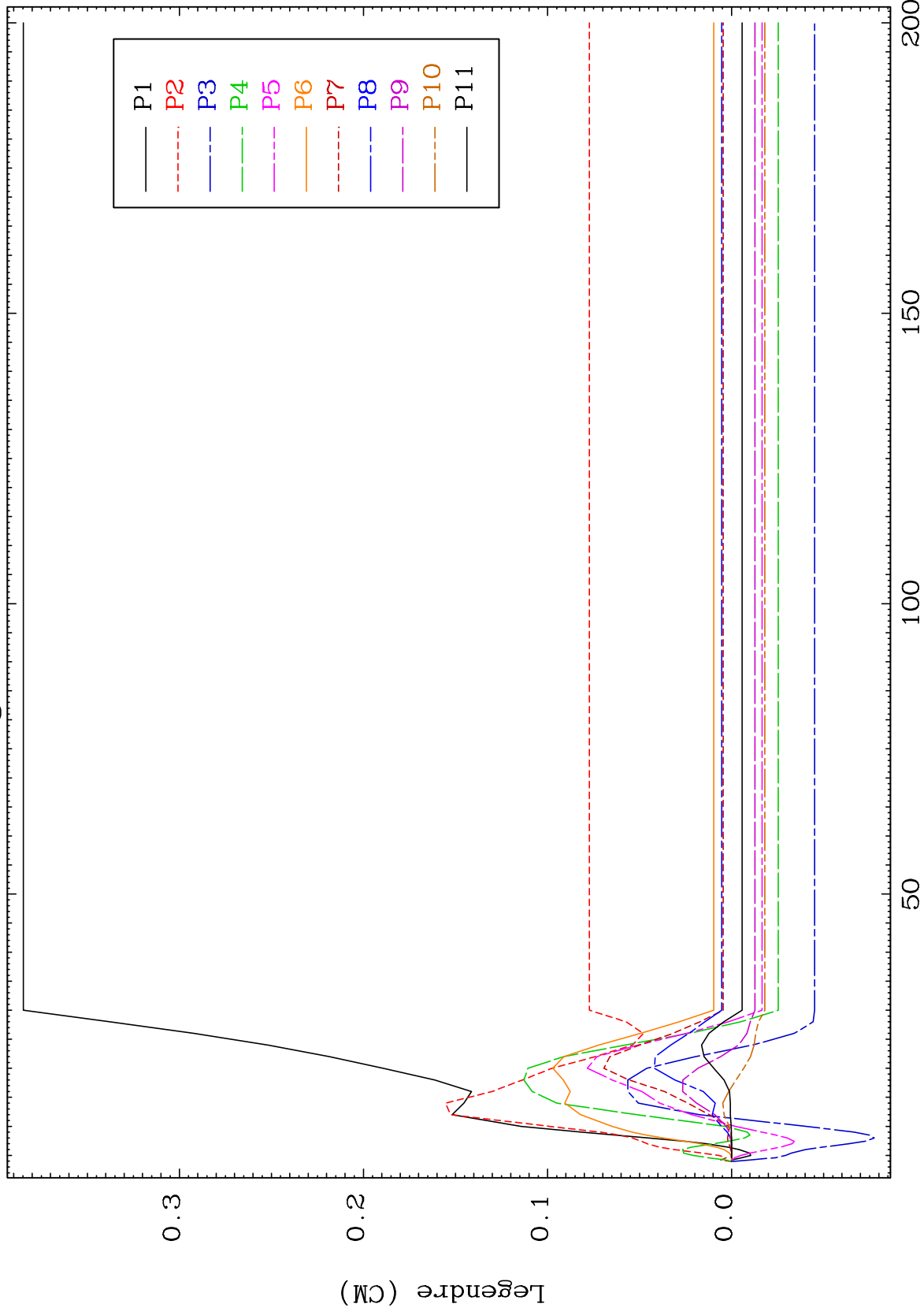
83

27-Co-55

MAT 2713

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

27-Co-55



84

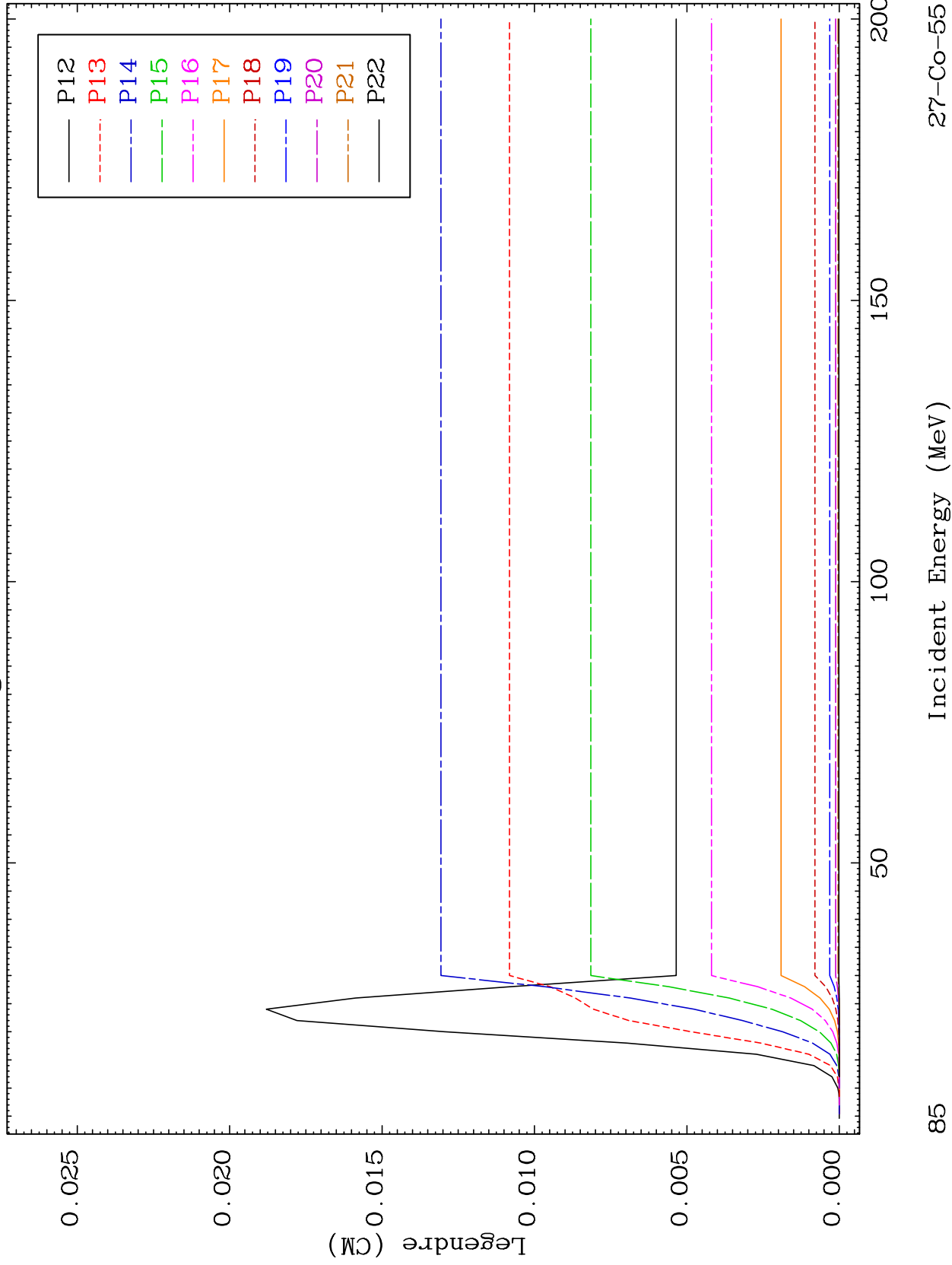
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



85

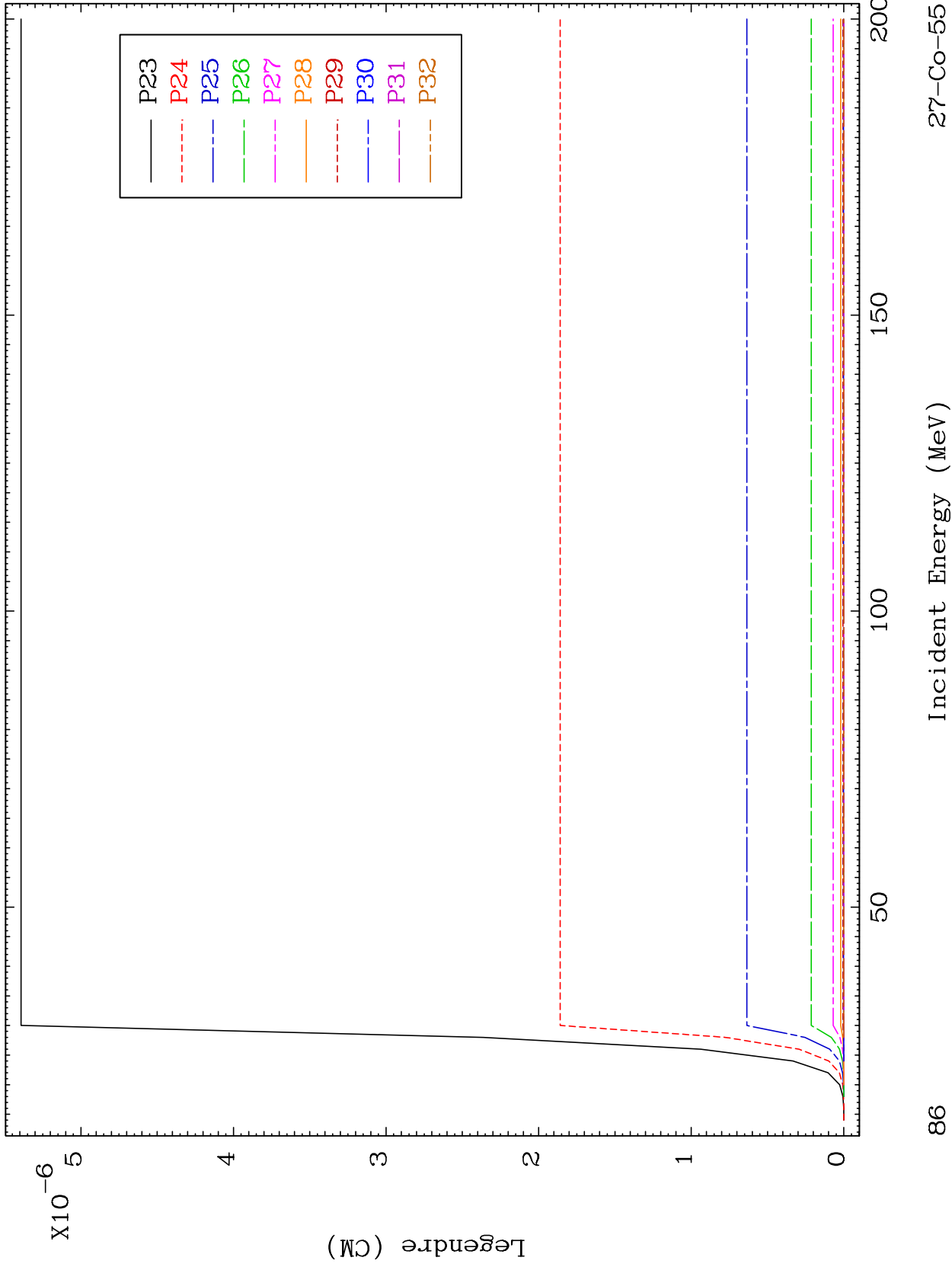
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



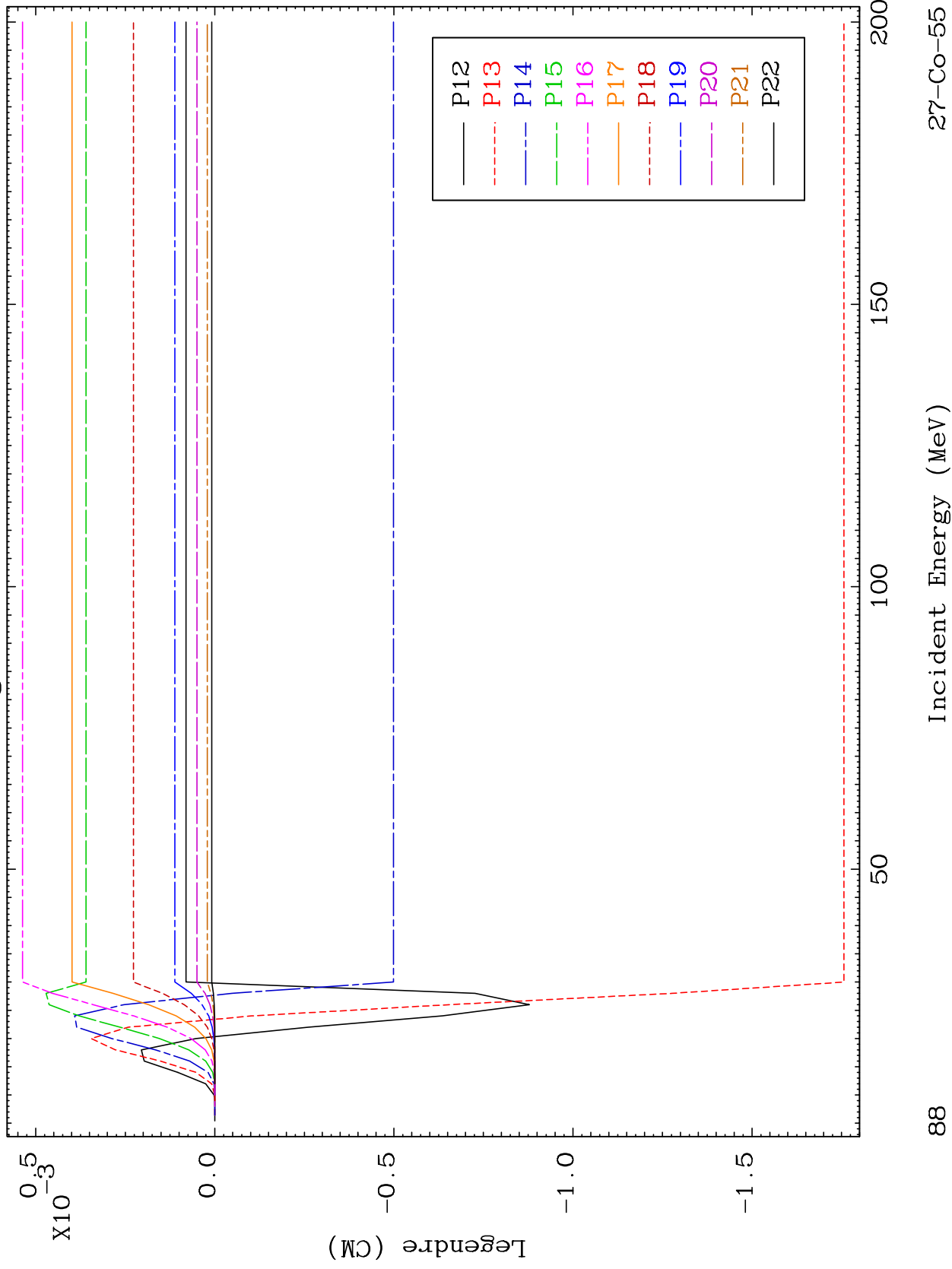




MAT 2713

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

27-Co-55



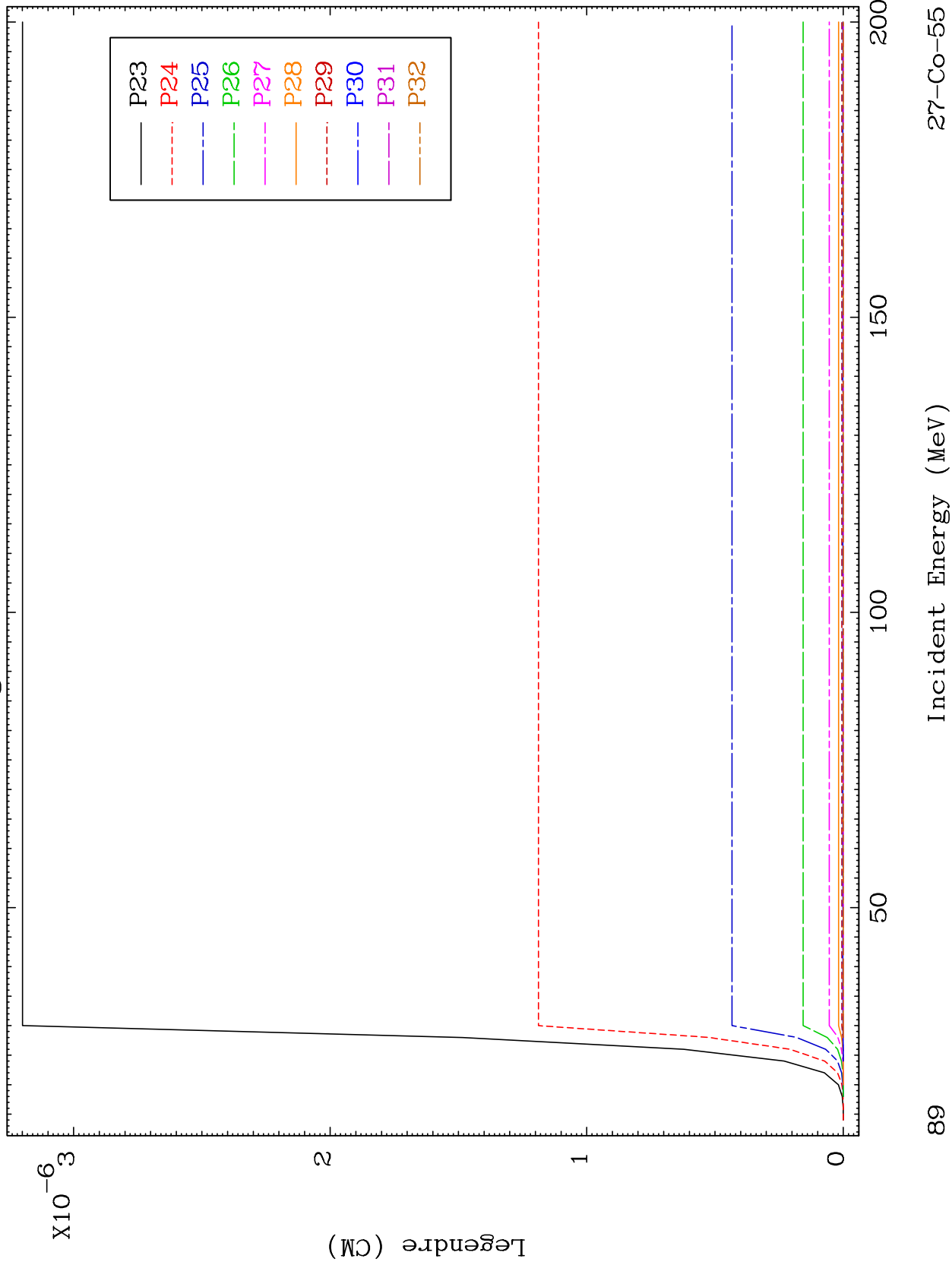
88

27-Co-55

MAT 2713

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

27-Co-55



89

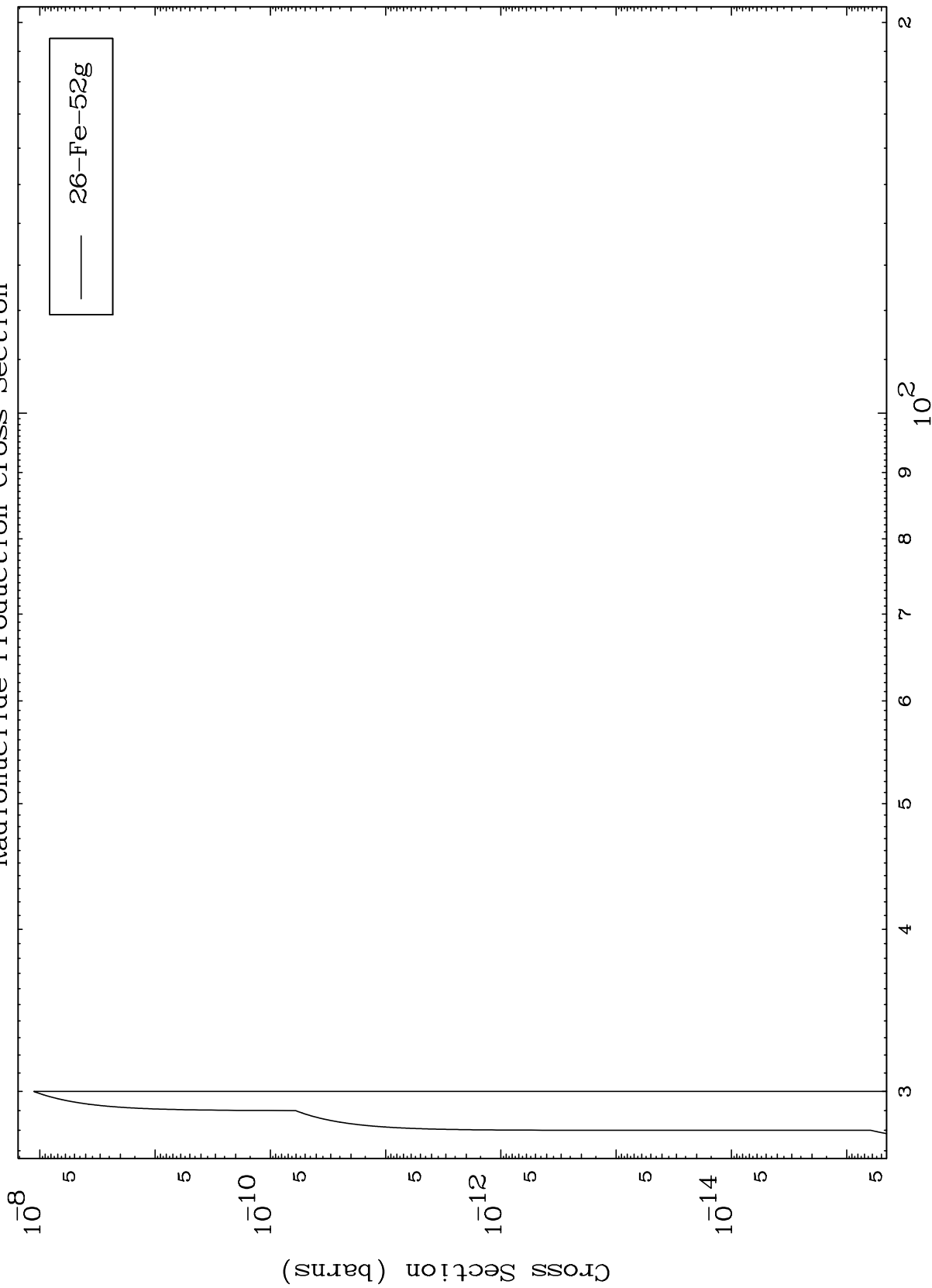
27-Co-55

MAT 2713

(n,2n) d

27-Co-55

Radionuclide Production Cross Section

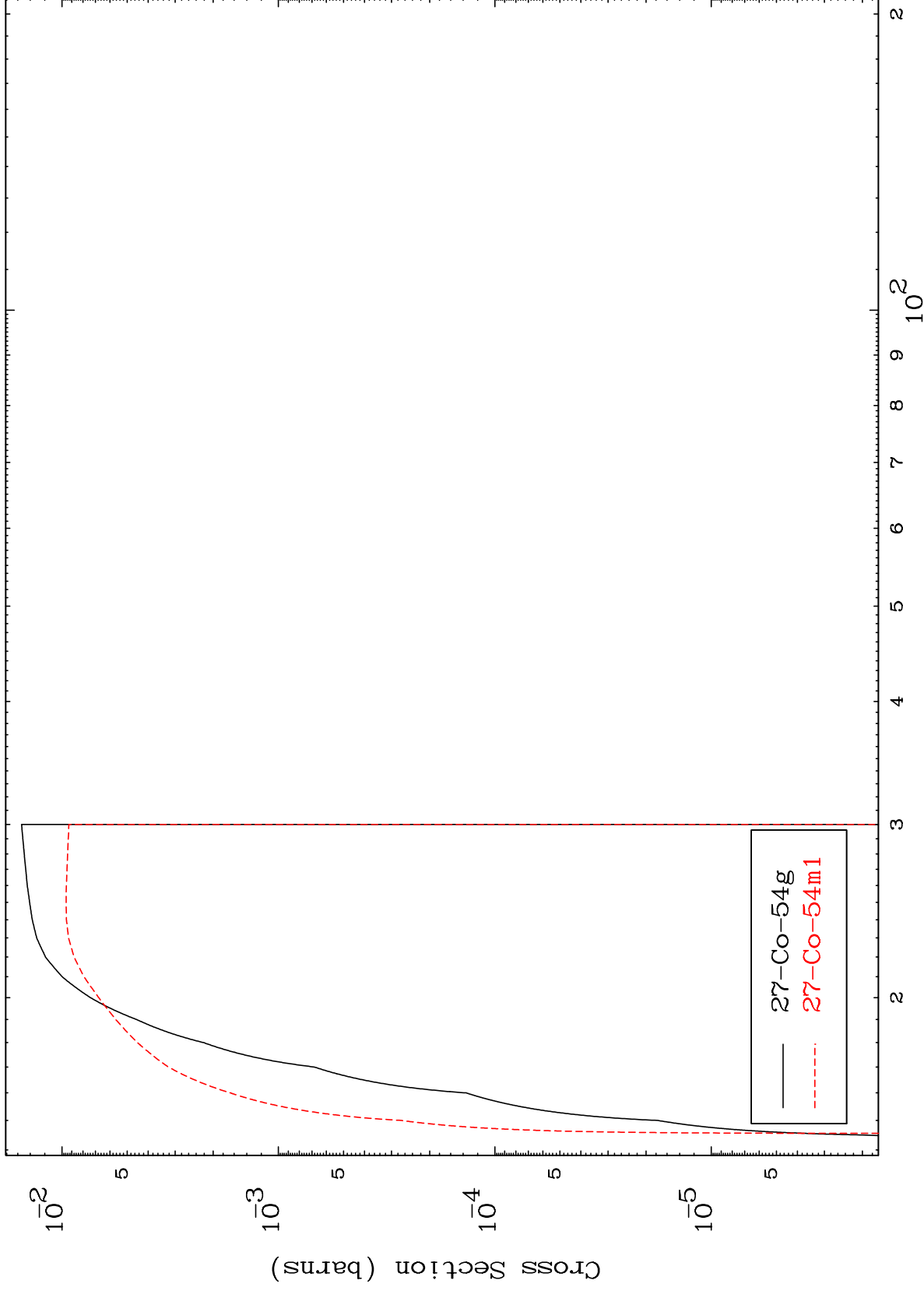


90

Incident Energy (MeV)

27-Co-55

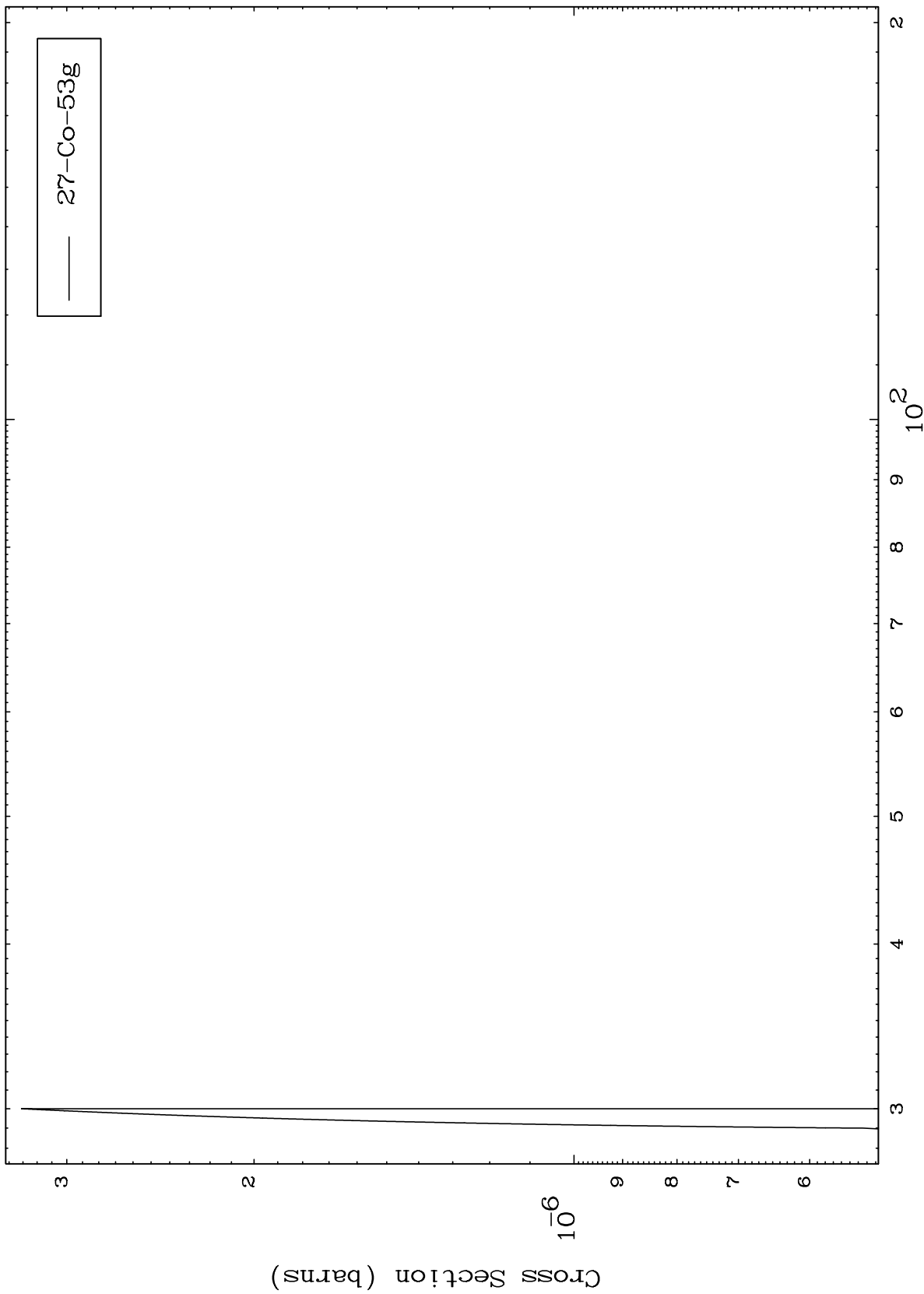
(n,2n)  
Radionuclide Production Cross Section



MAT 2713

27-Co-55

(n,3n)  
Radionuclide Production Cross Section



92

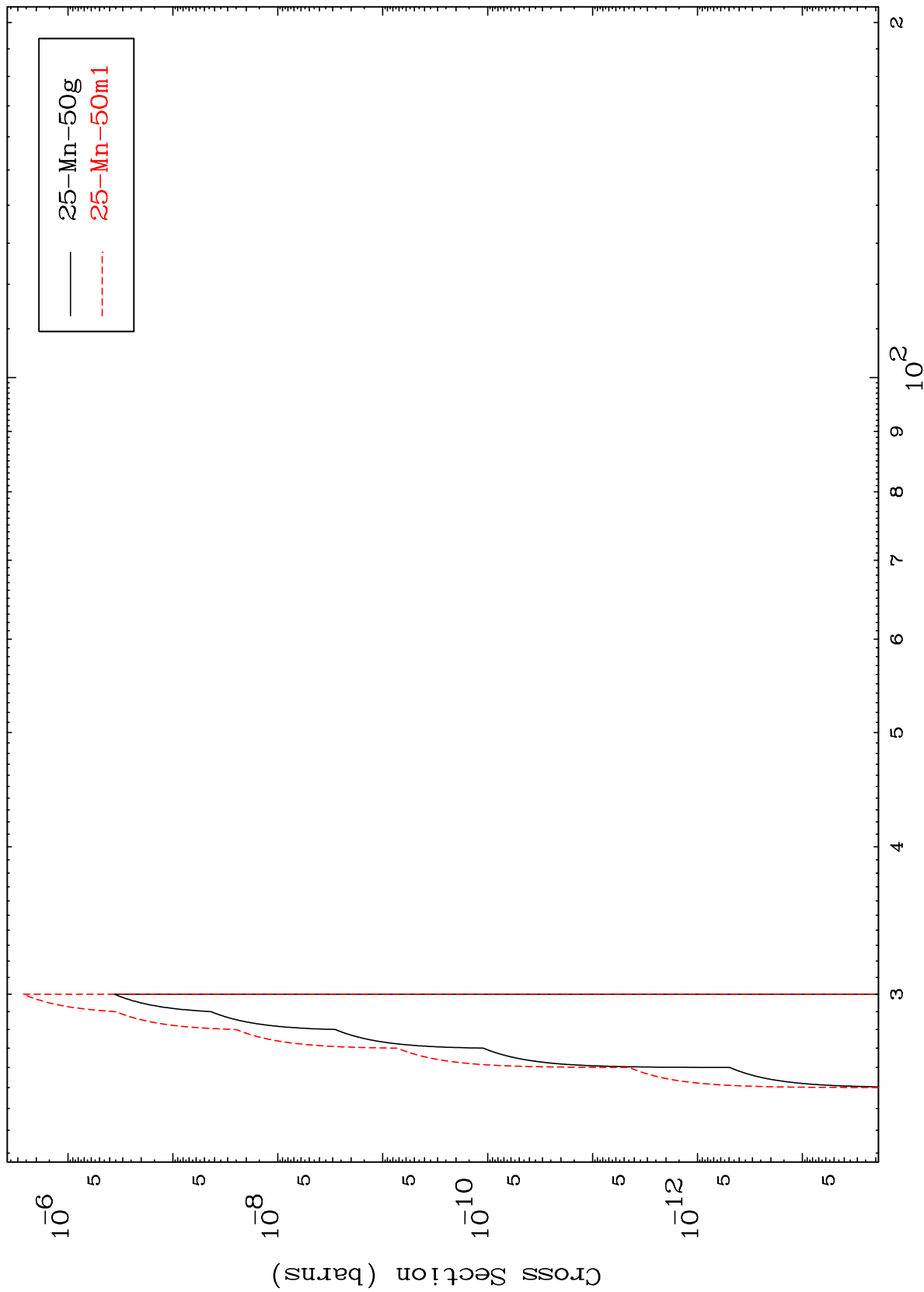
27-Co-55

MAT 2713

(n,2n)  $\alpha$

27-Co-55

Radionuclide Production Cross Section

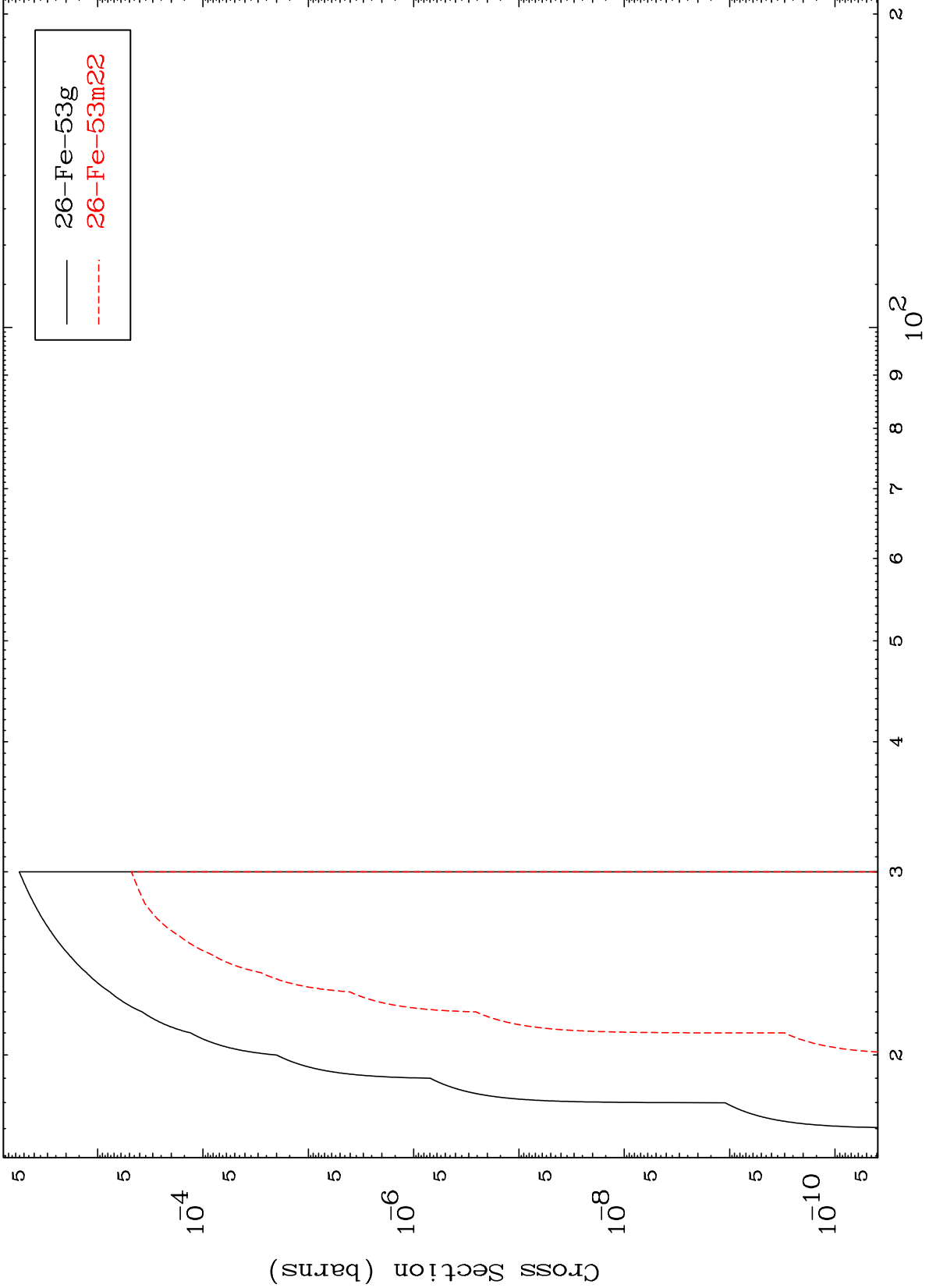


93

Incident Energy (MeV)

27-Co-55

Radionuclide Production Cross Section

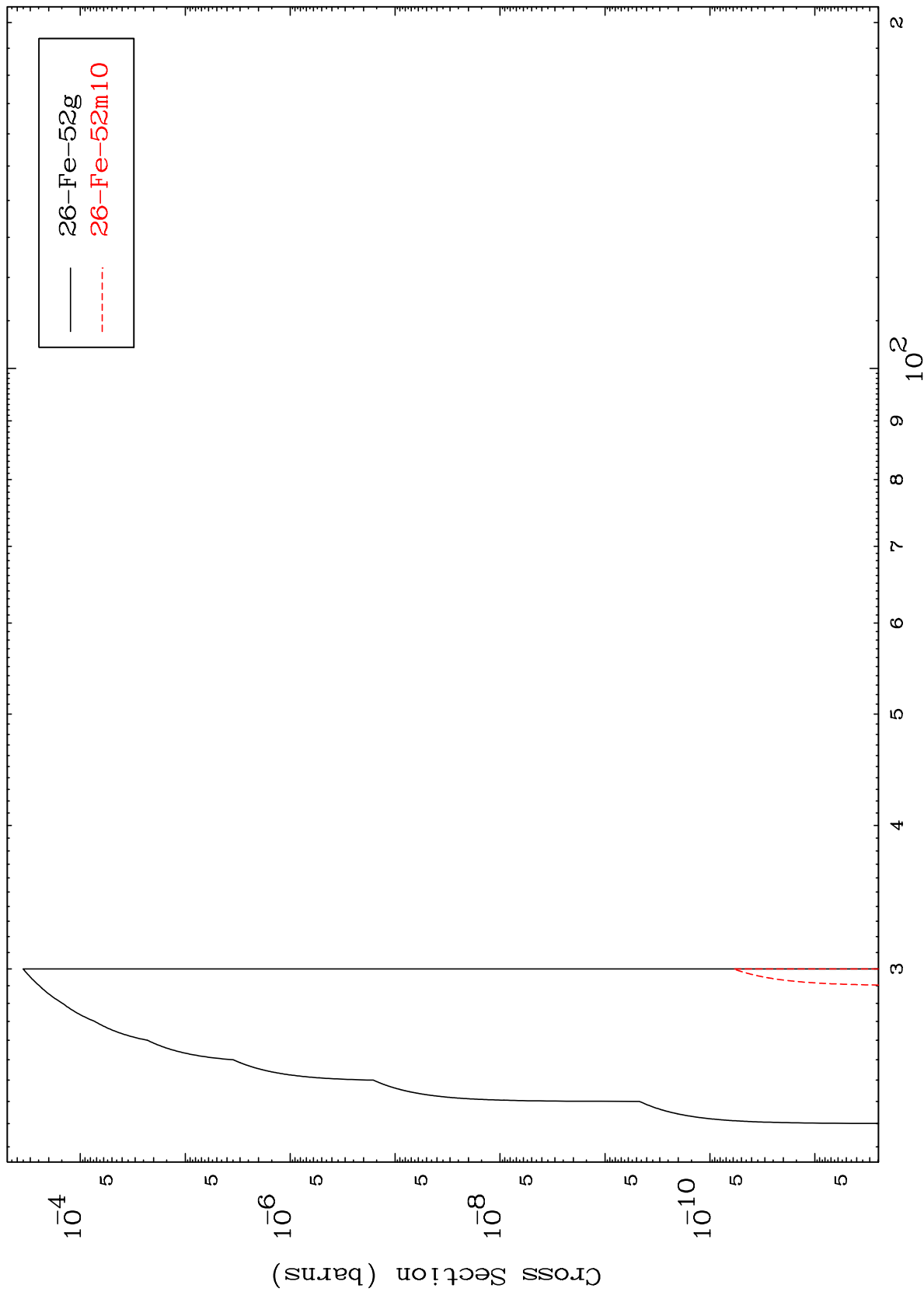


MAT 2713

(n,n') t

27-Co-55

Radionuclide Production Cross Section



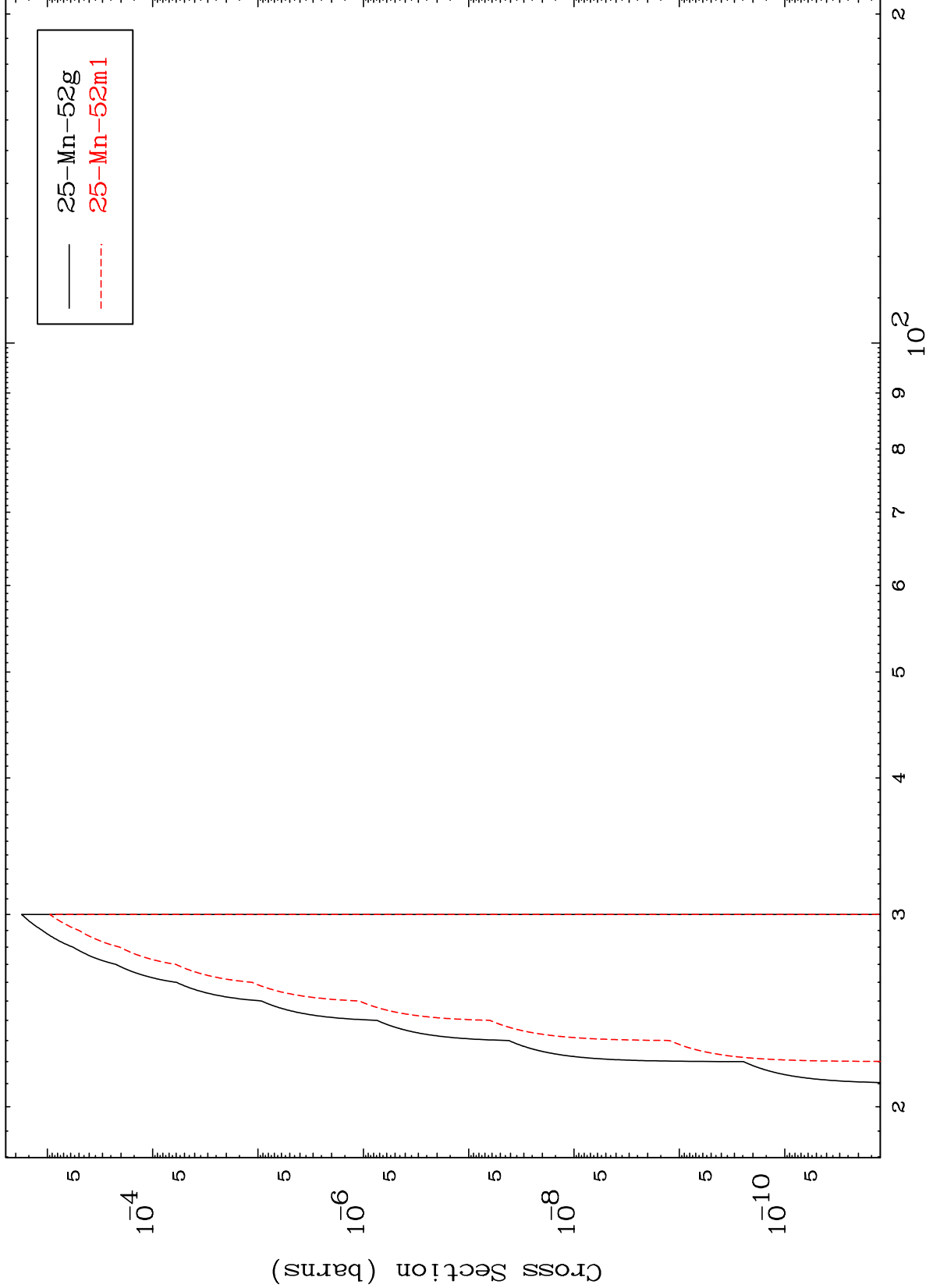
95

Incident Energy (MeV)

27-Co-55



Radionuclide Production Cross Section

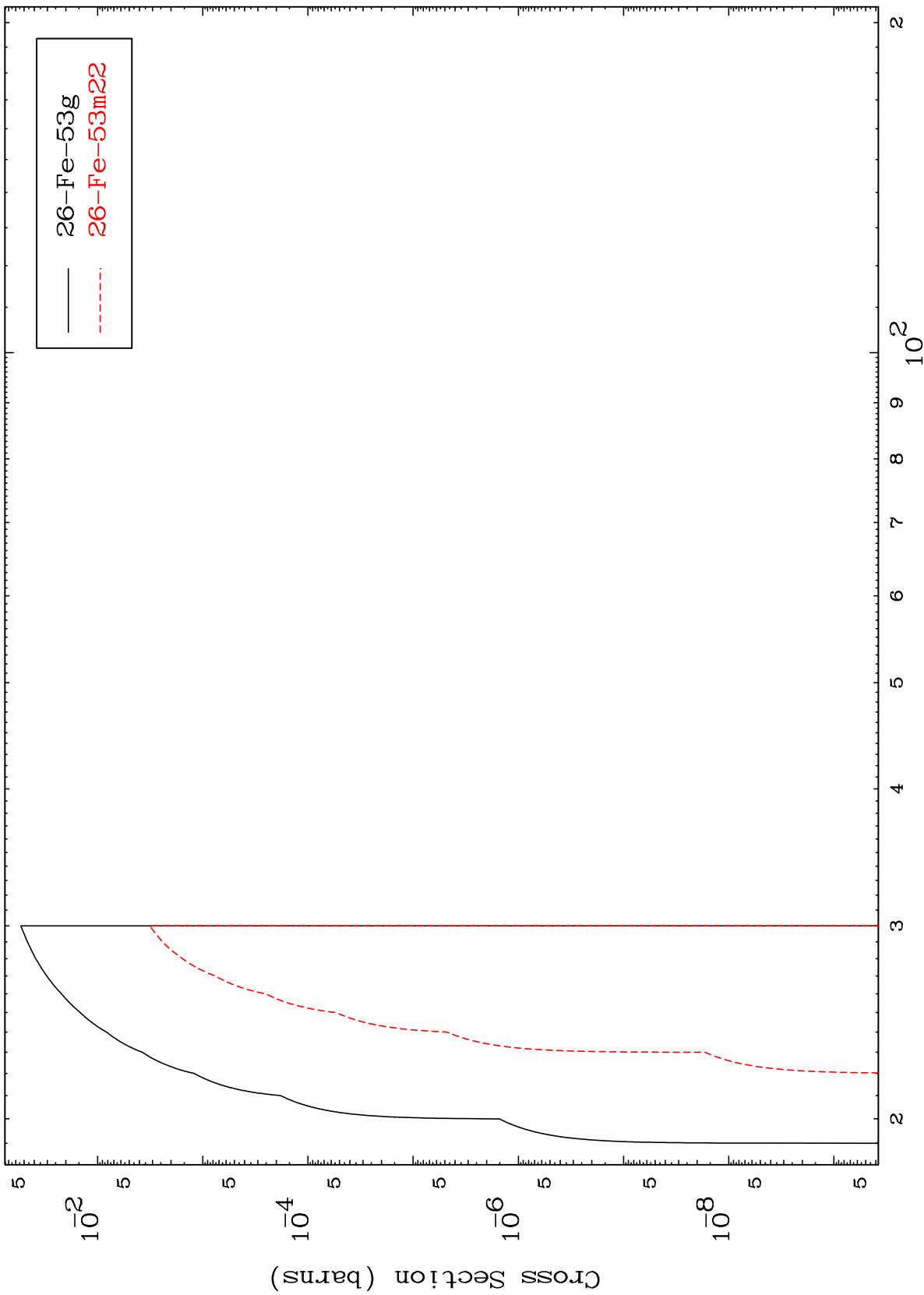


MAT 2713

(n,2n) p

27-Co-55

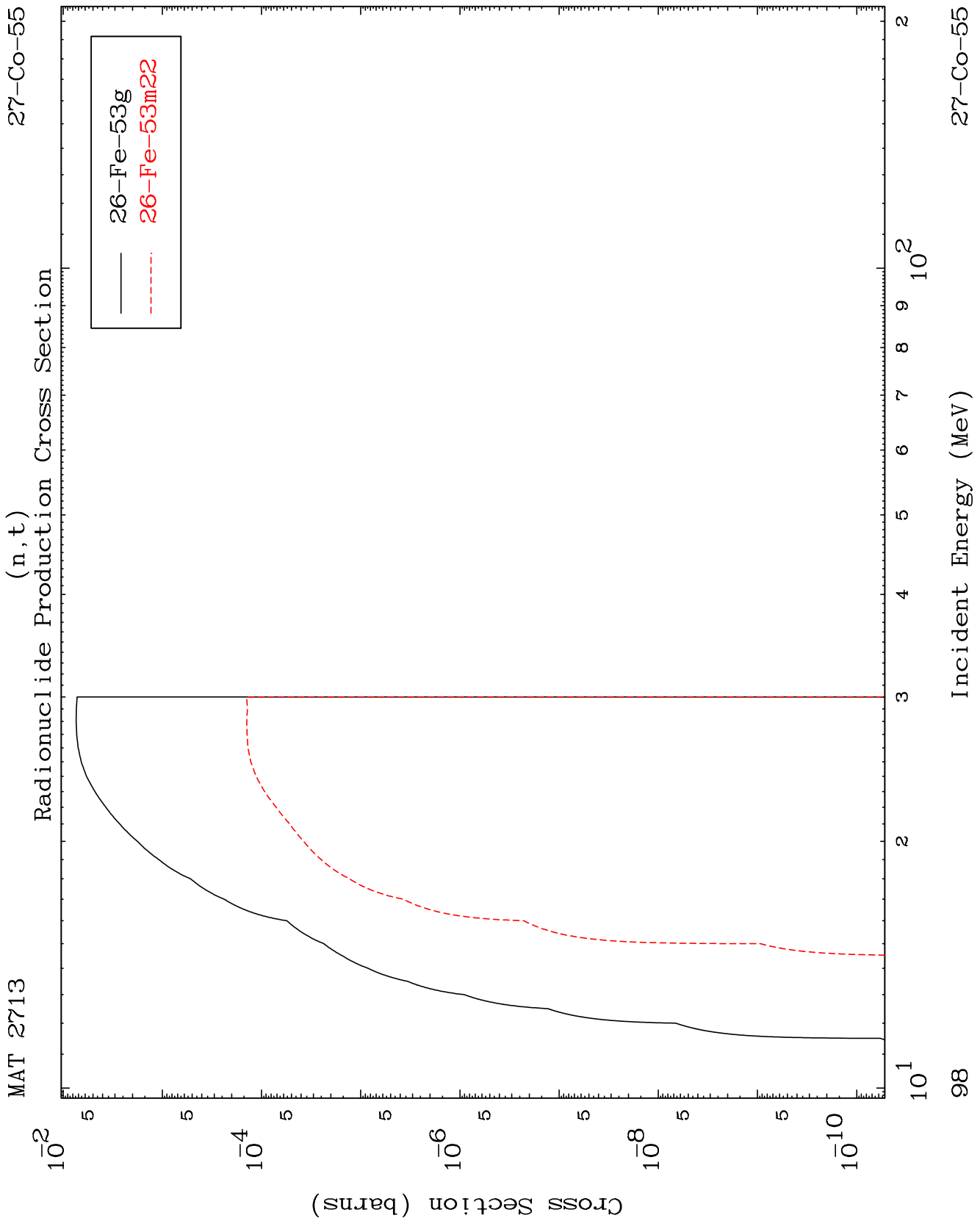
Radionuclide Production Cross Section



97

Incident Energy (MeV)

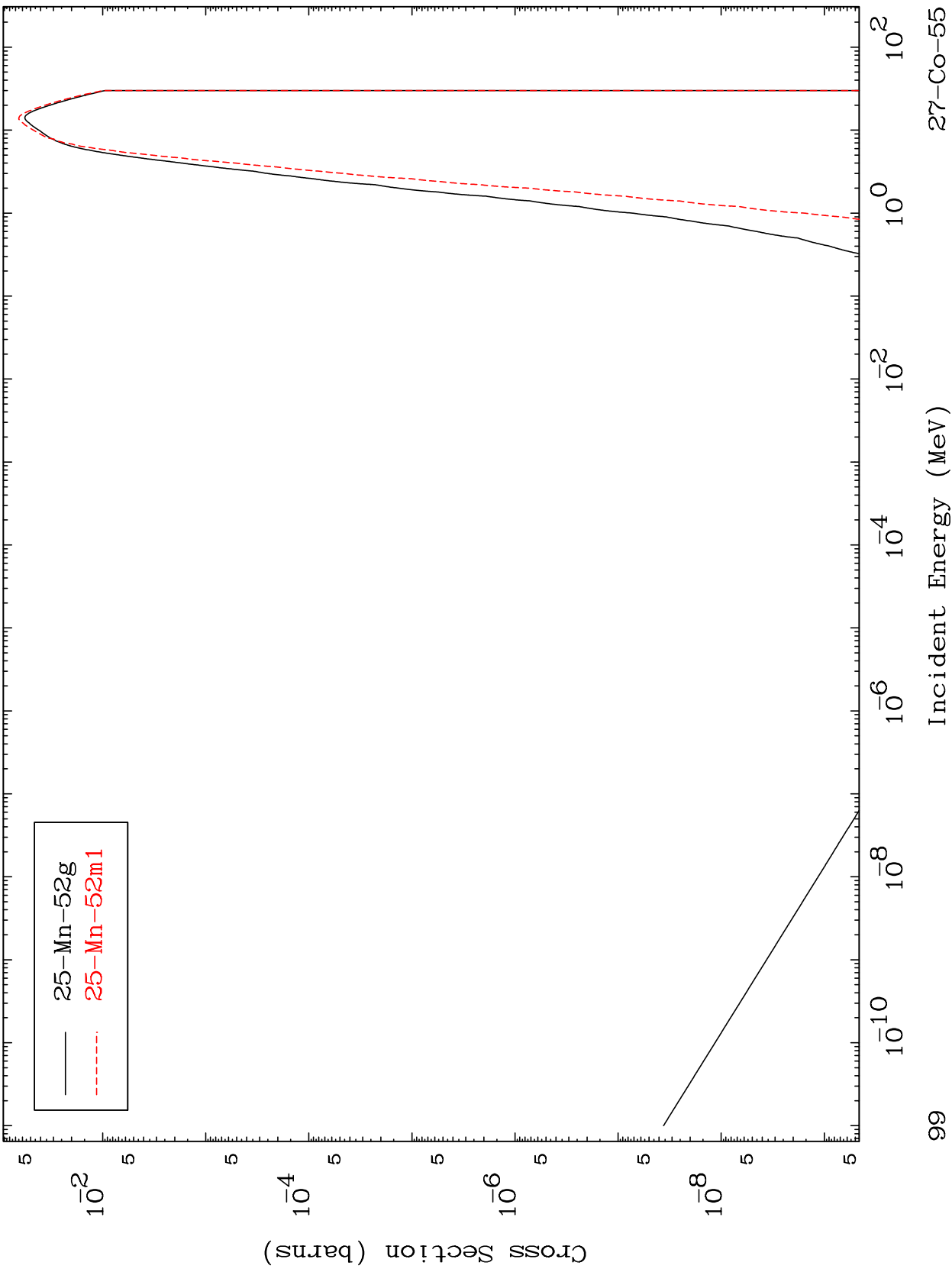
27-Co-55



MAT 2713

27-Co-55

Radionuclide Production Cross Section (n,α)

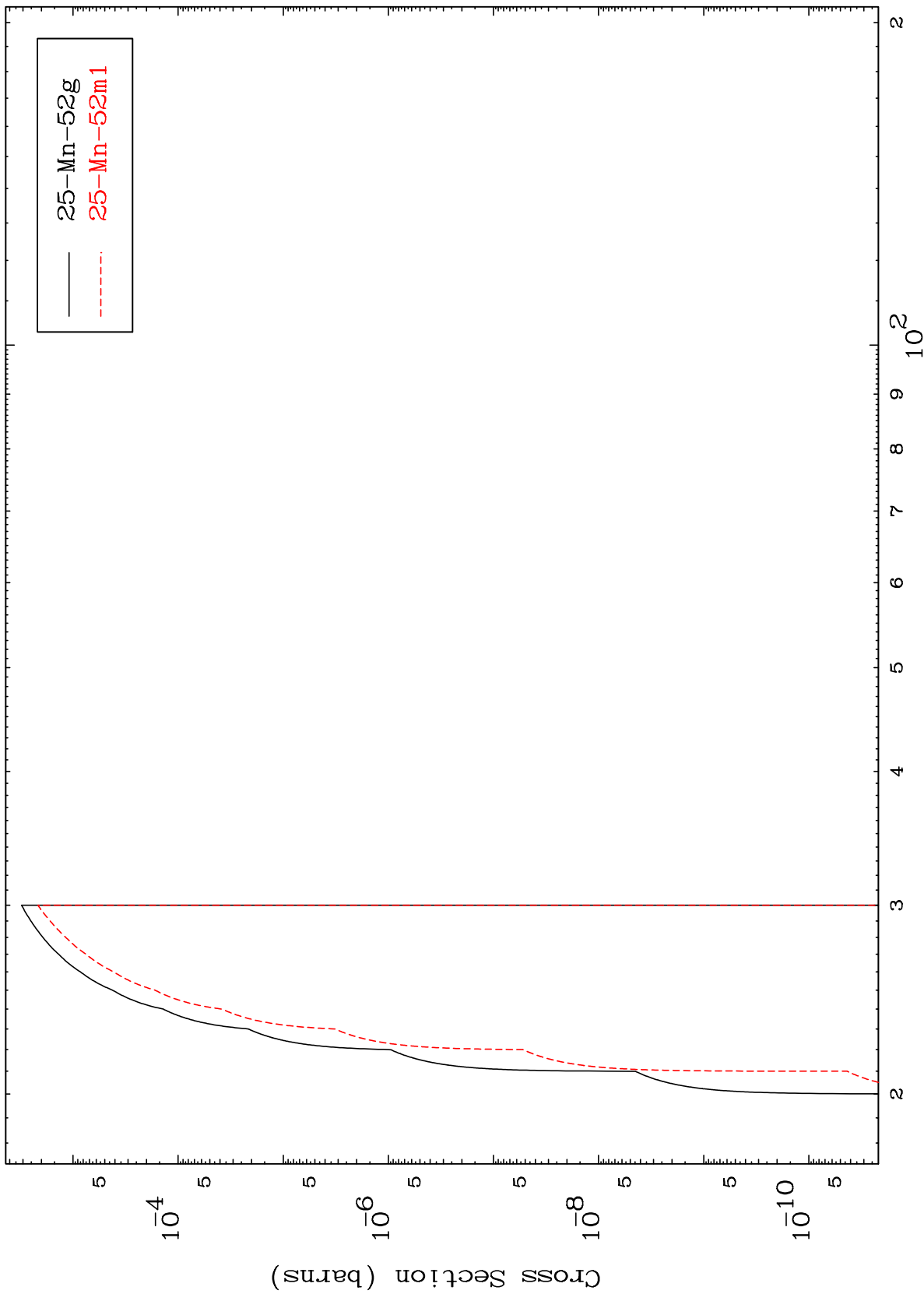


MAT 2713

(n,p) t

27-Co-55

Radionuclide Production Cross Section



100

Incident Energy (MeV)

27-Co-55