

Program EVALPLOT
(Version 2018-1)

by

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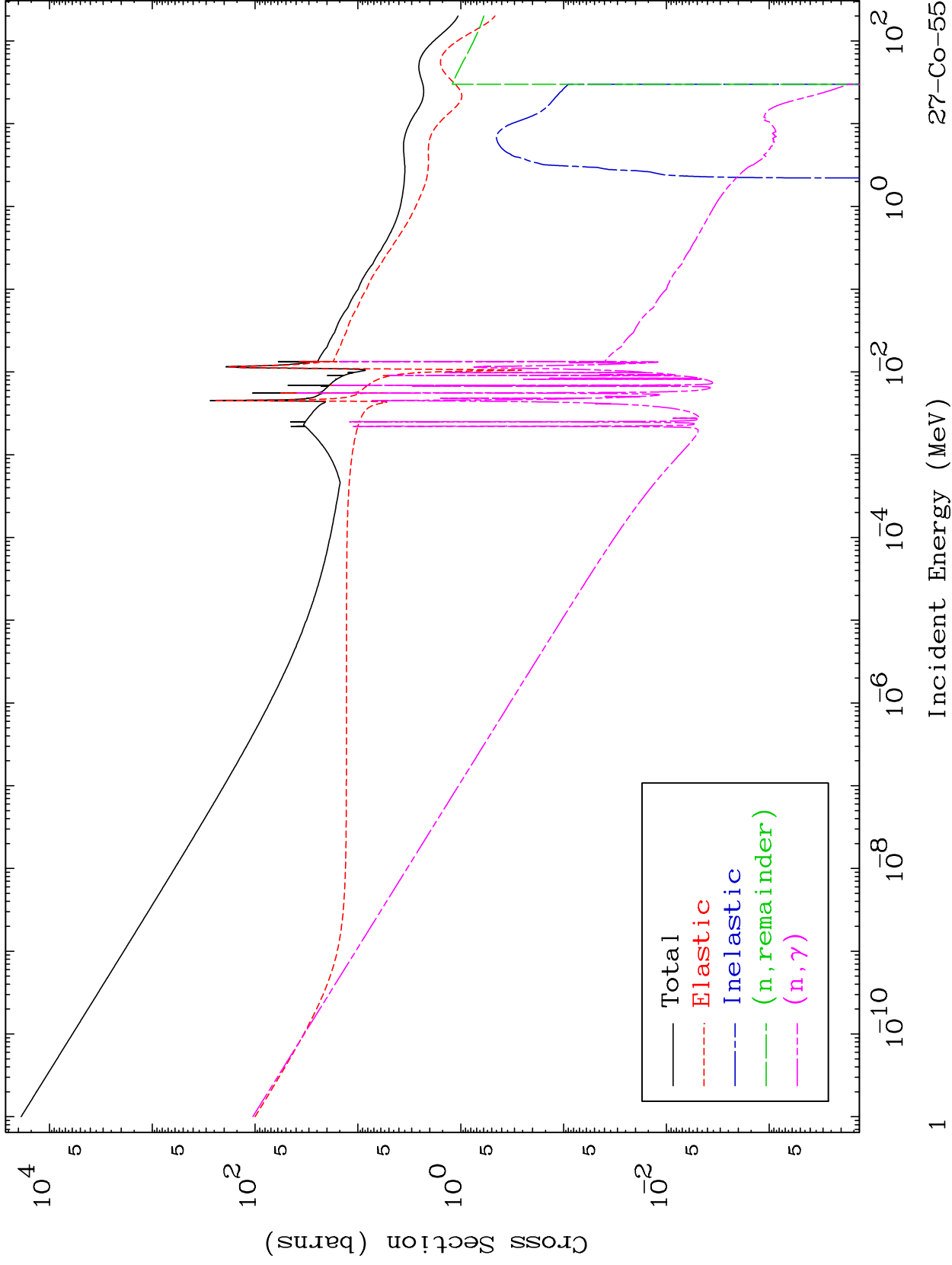
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Press Mouse Button to Start

MAT 2713

Major
293 Kelvin Cross Sections

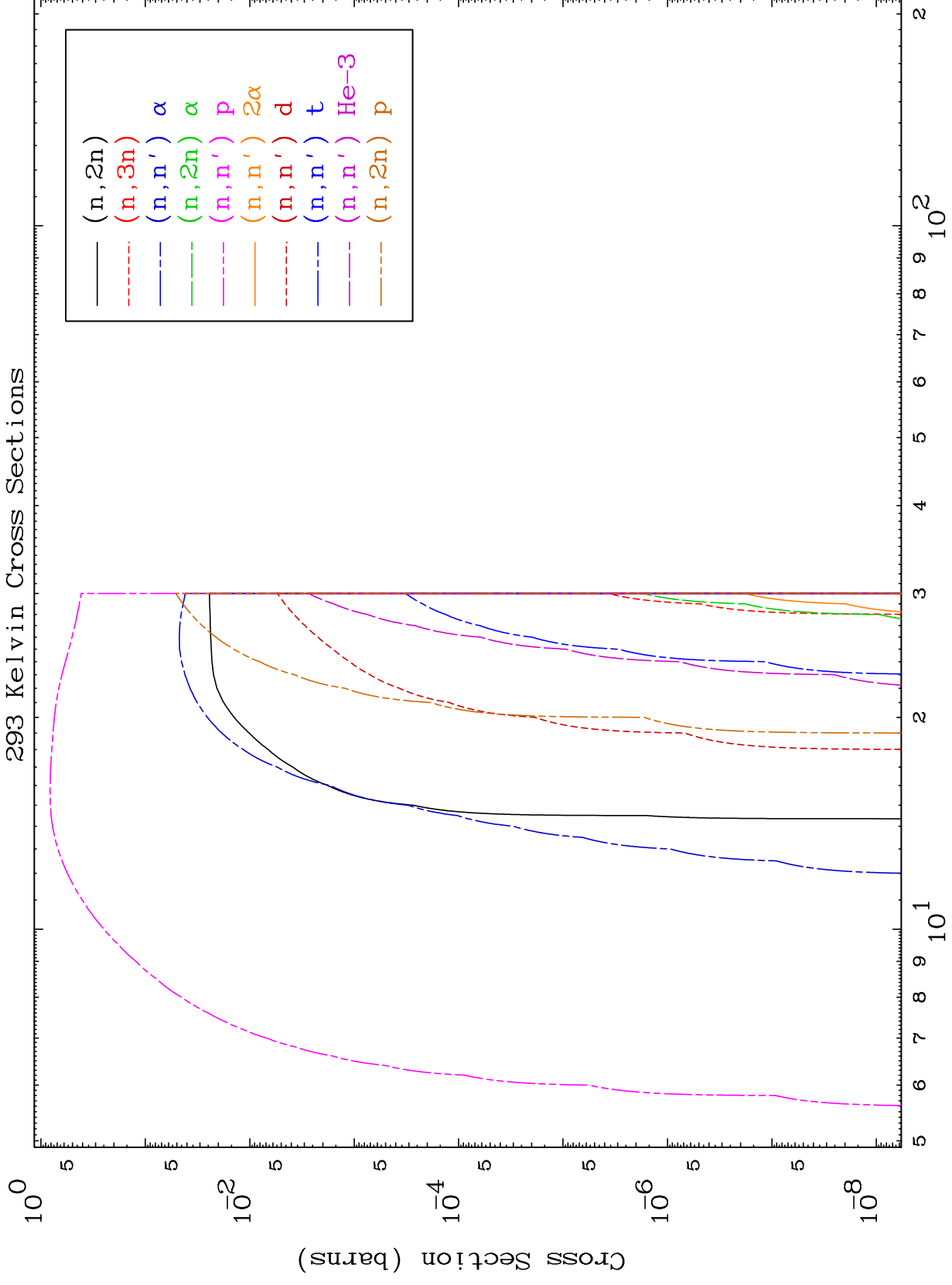
27-Co-55



MAT 2713

Neutron Production
293 Kelvin Cross Sections

27-Co-55



2

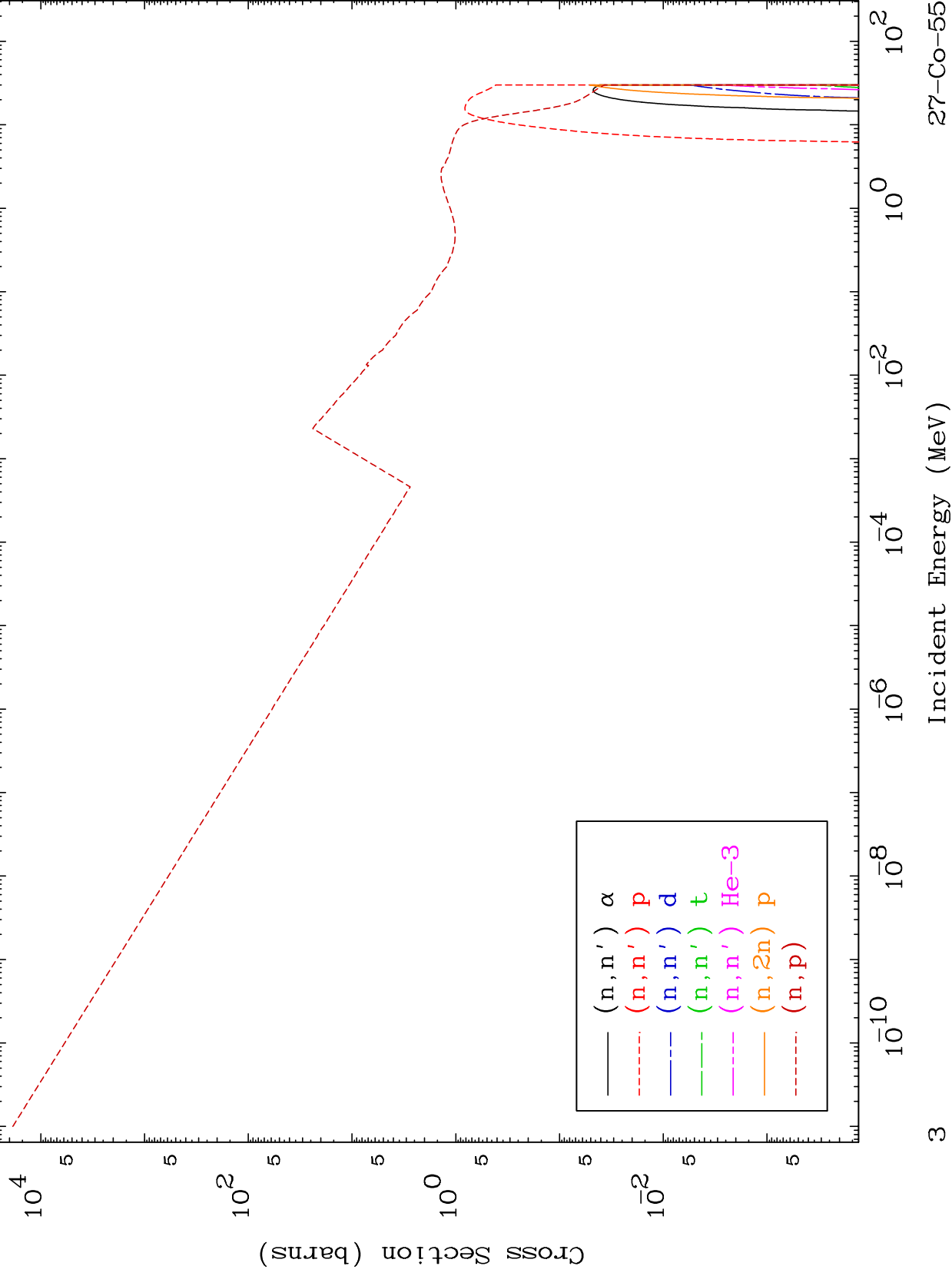
Incident Energy (MeV)

27-Co-55

MAT 2713

Charged Particle
293 Kelvin Cross Sections

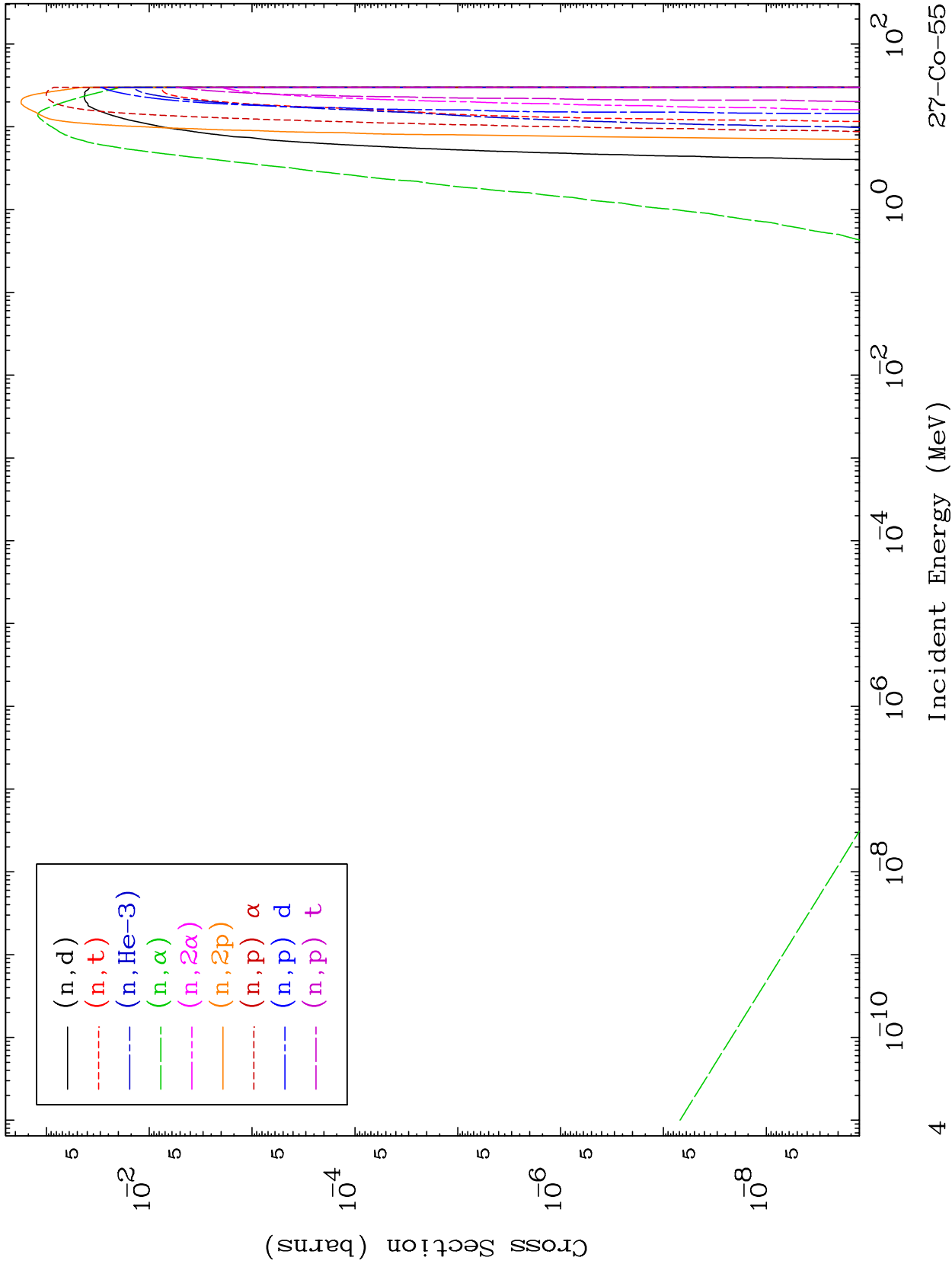
27-Co-55



MAT 2713

Charged Particle
293 Kelvin Cross Sections

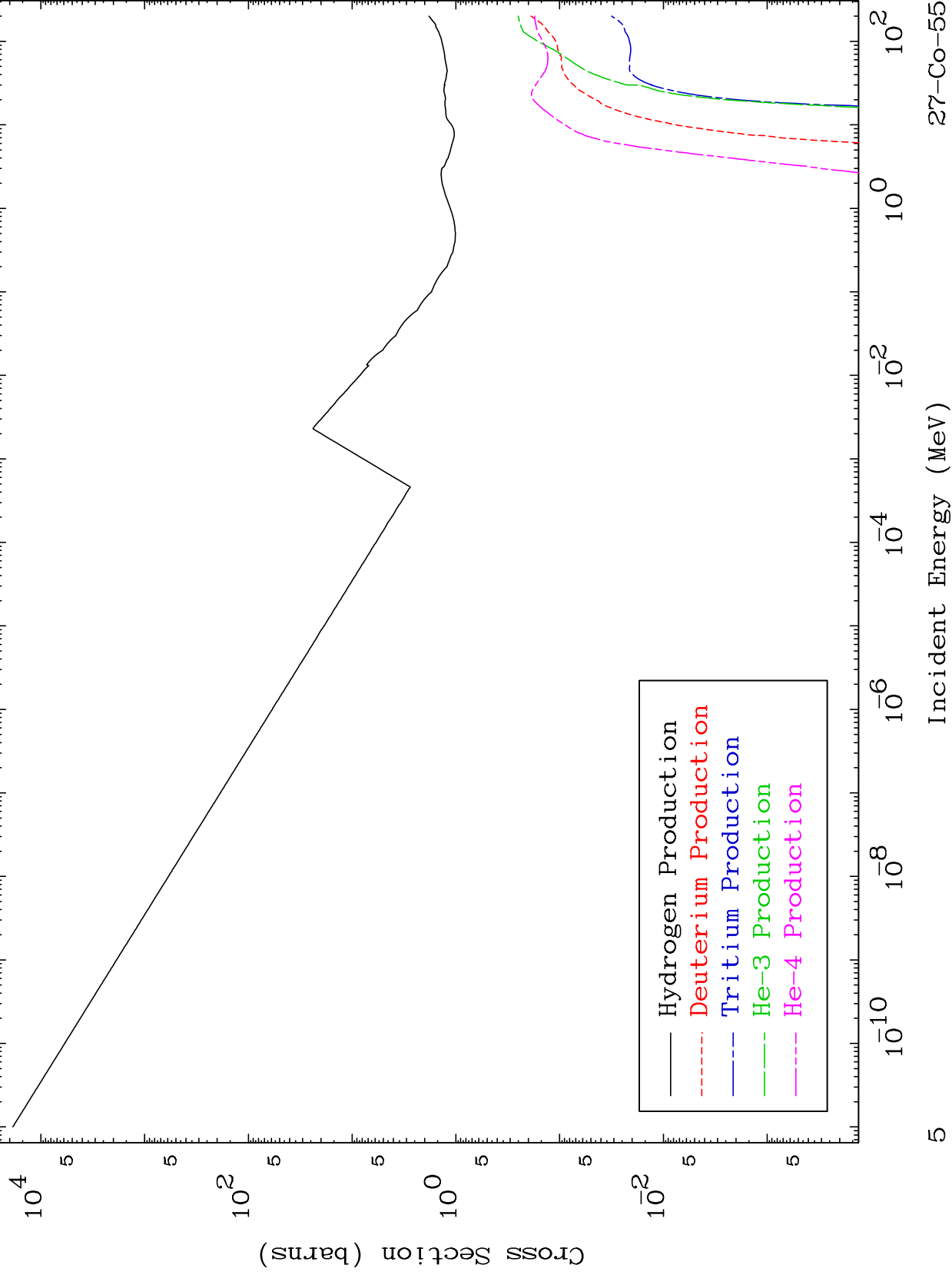
27-Co-55



MAT 2713

Particle Production
293 Kelvin Cross Sections

27-Co-55

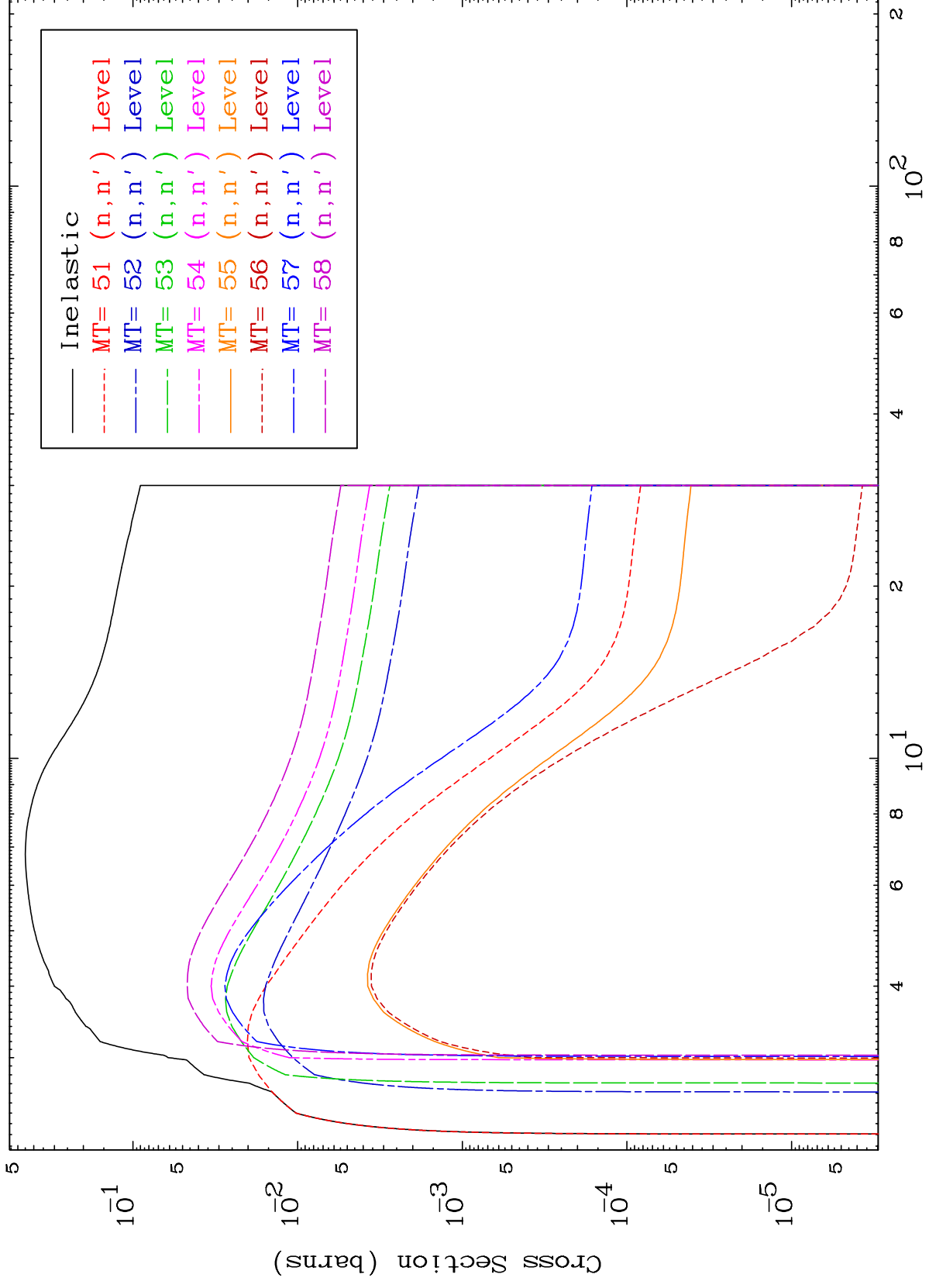


MAT 2713

(n,n') Level

27-Co-55

293 Kelvin Cross Sections



6

Incident Energy (MeV)

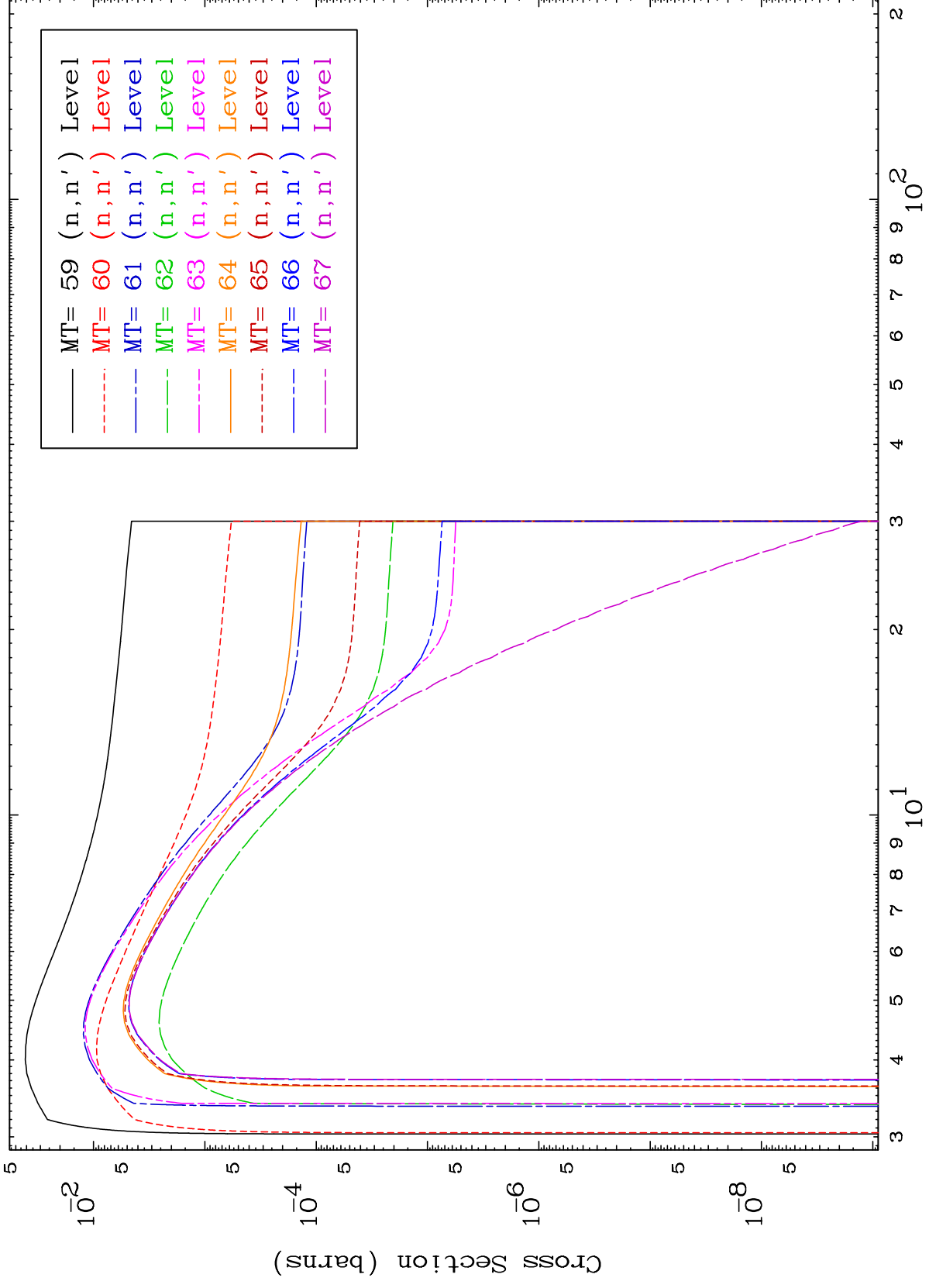
27-Co-55

MAT 2713

(n,n') Level

27-Co-55

293 Kelvin Cross Sections



7

Incident Energy (MeV)

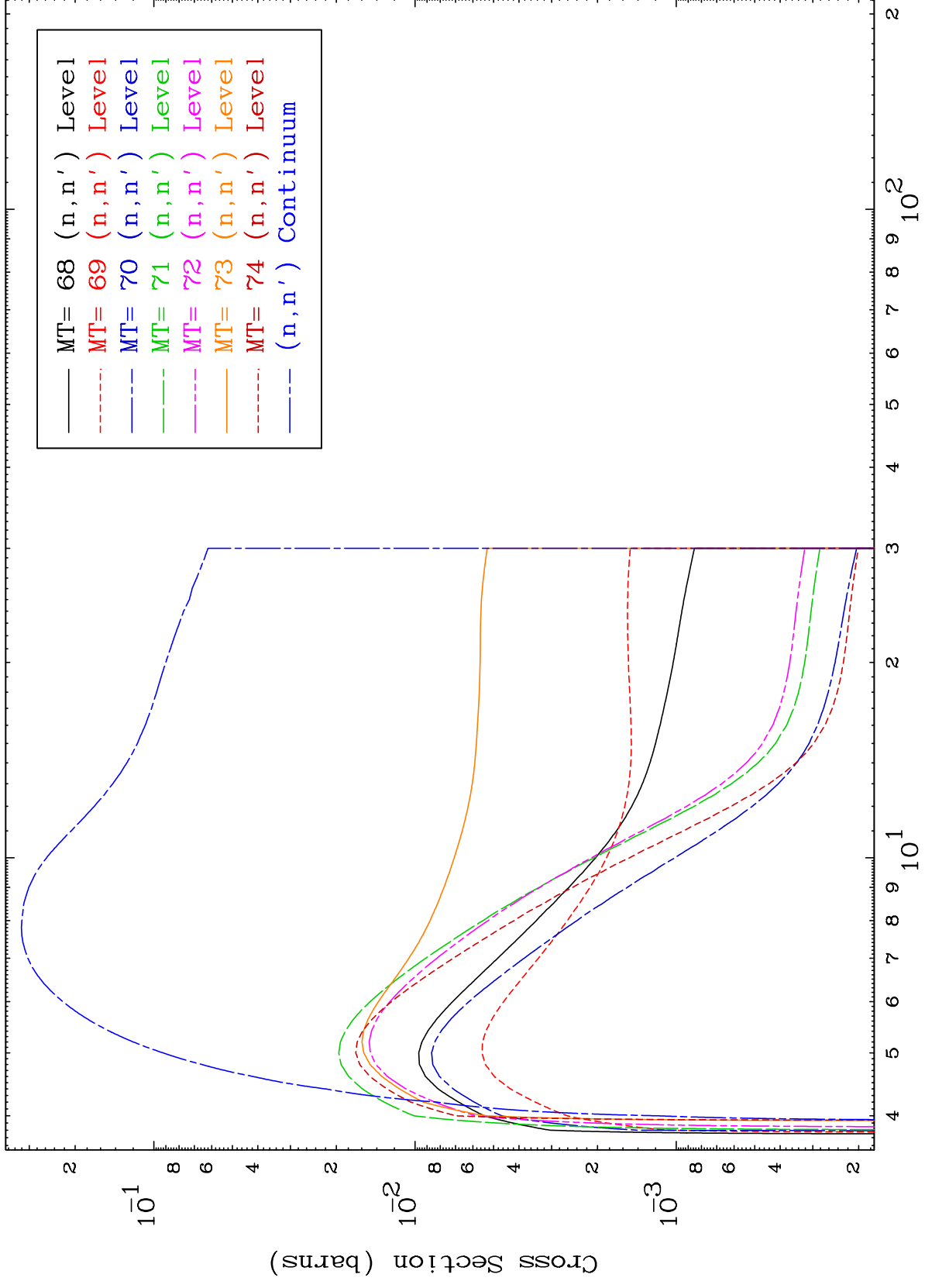
27-Co-55

MAT 2713

(n,n') Level

27-Co-55

293 Kelvin Cross Sections



8

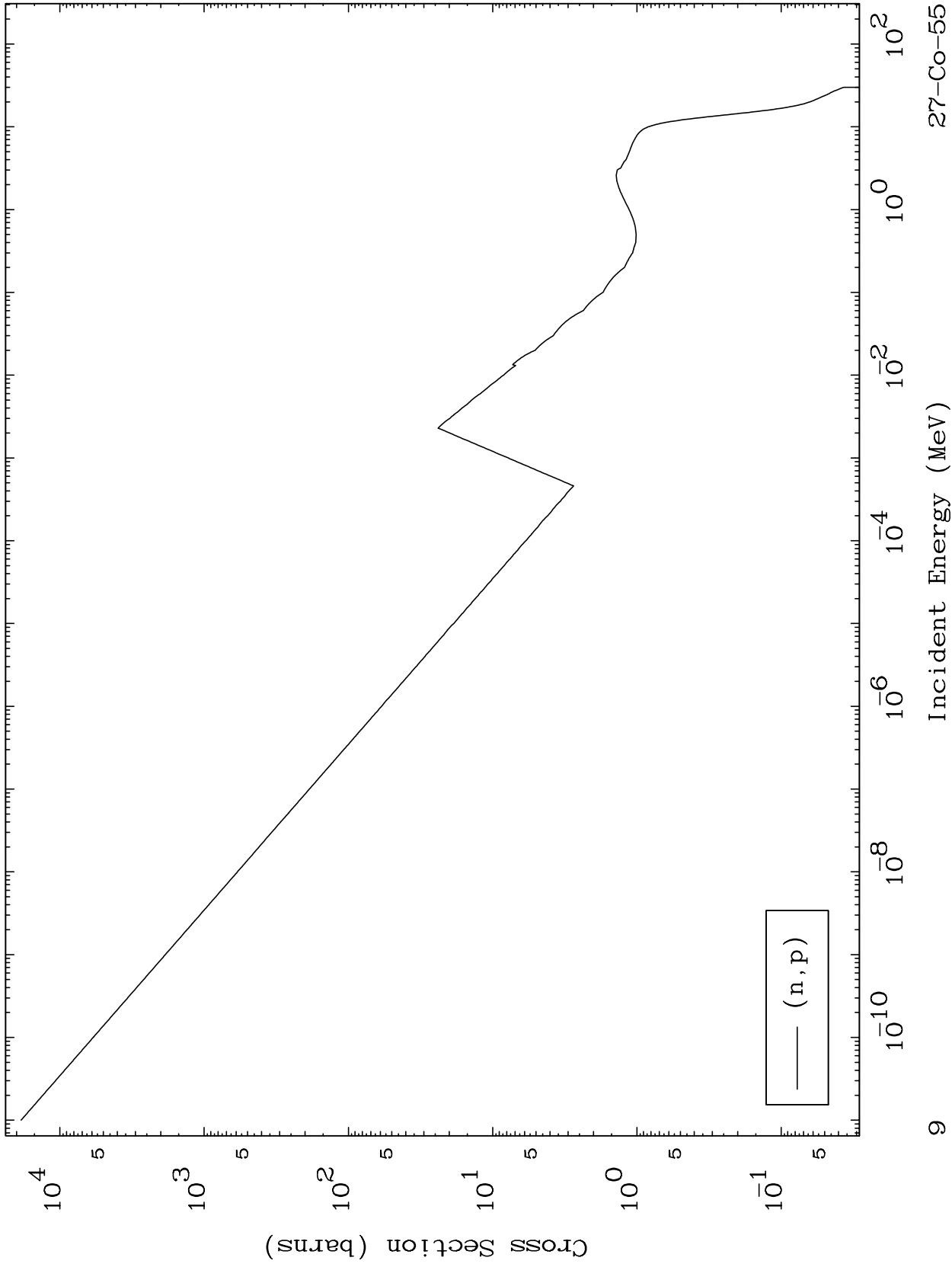
Incident Energy (MeV)

27-Co-55

MAT 2713

(n,p) Levels
293 Kelvin Cross Sections

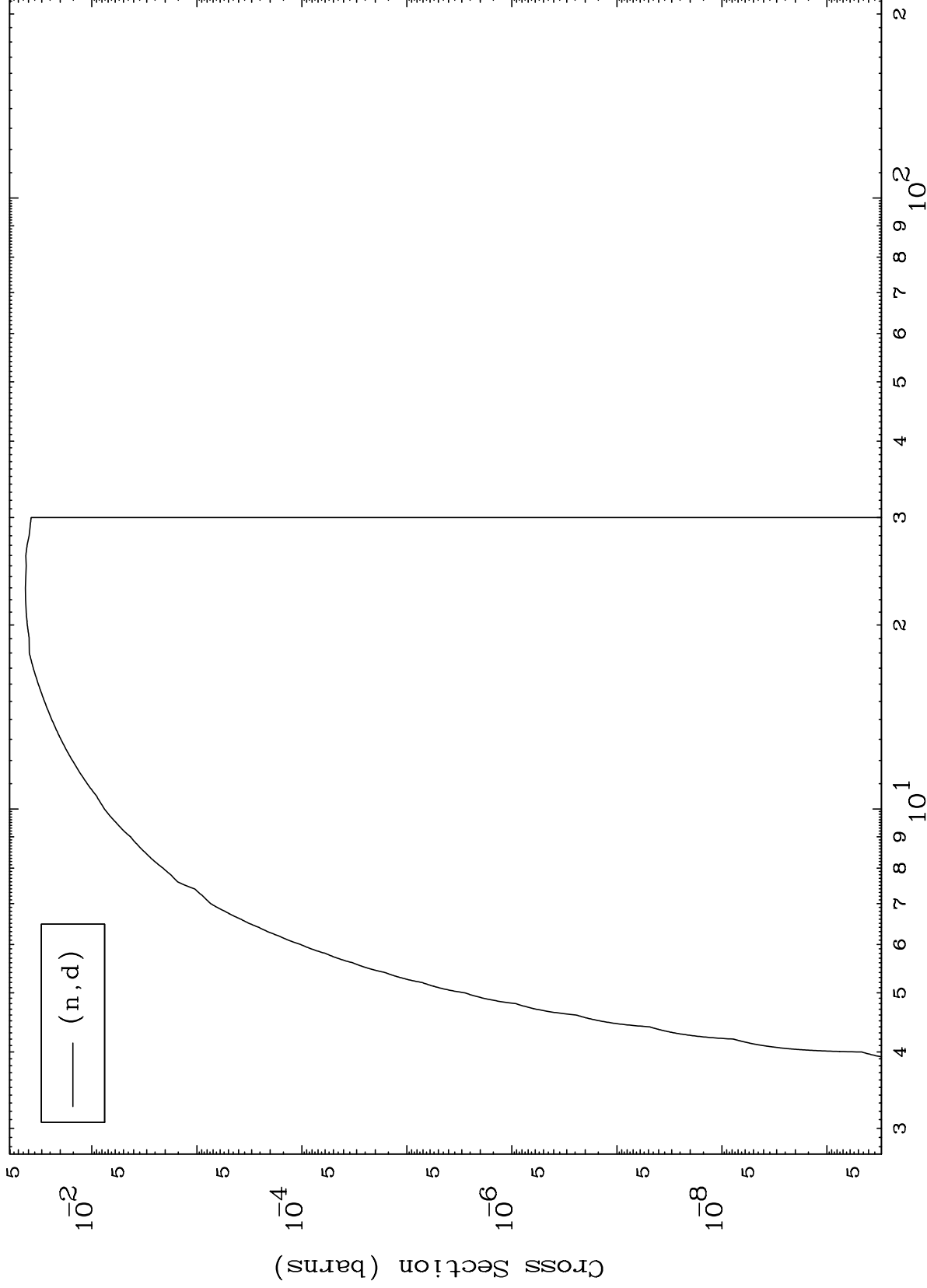
27-Co-55



MAT 2713

(n,d) Levels
293 Kelvin Cross Sections

27-Co-55



(n,d)

10

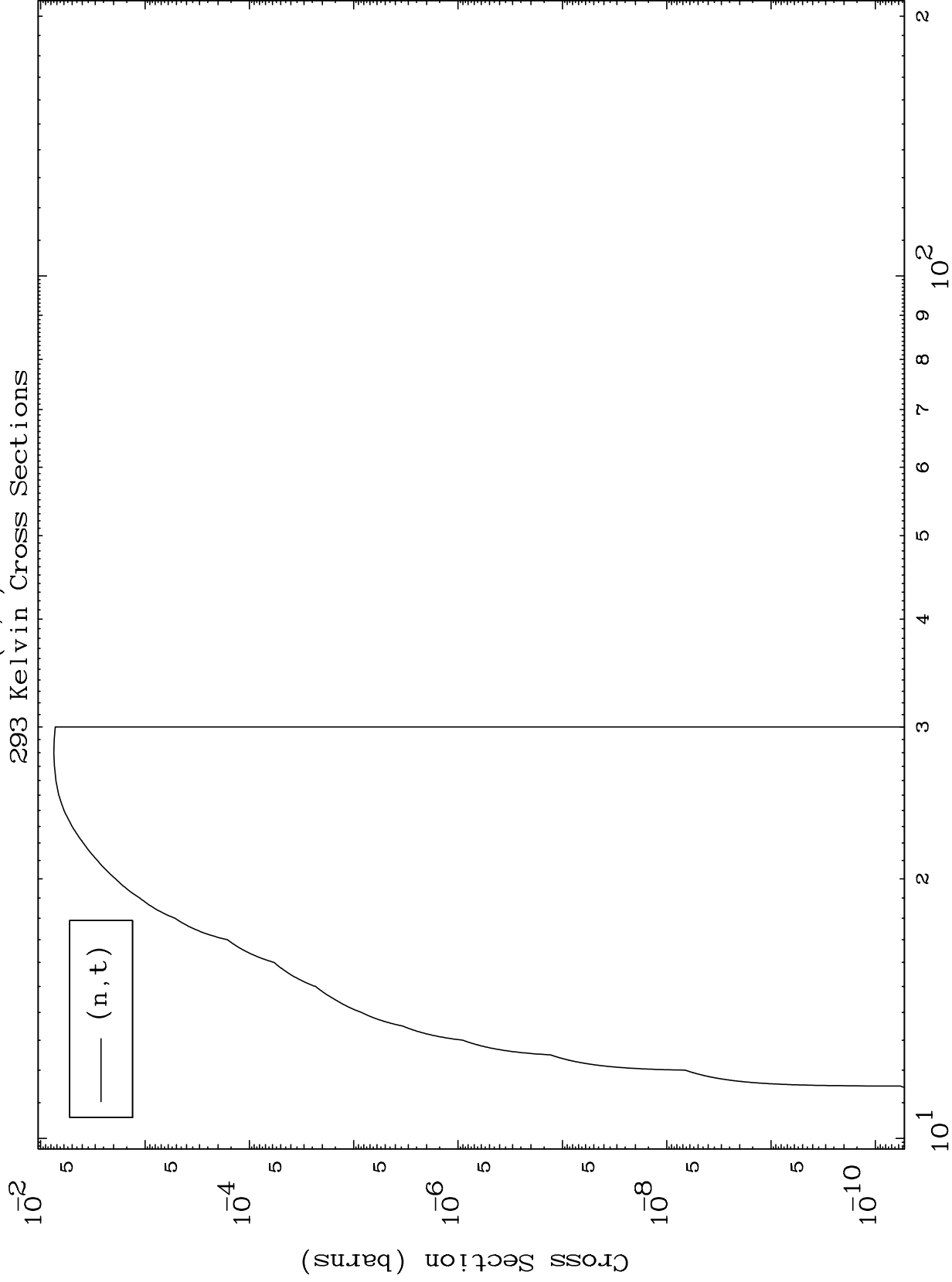
Incident Energy (MeV)

27-Co-55

MAT 2713

(n,t) Levels
293 Kelvin Cross Sections

27-Co-55



Incident Energy (MeV)

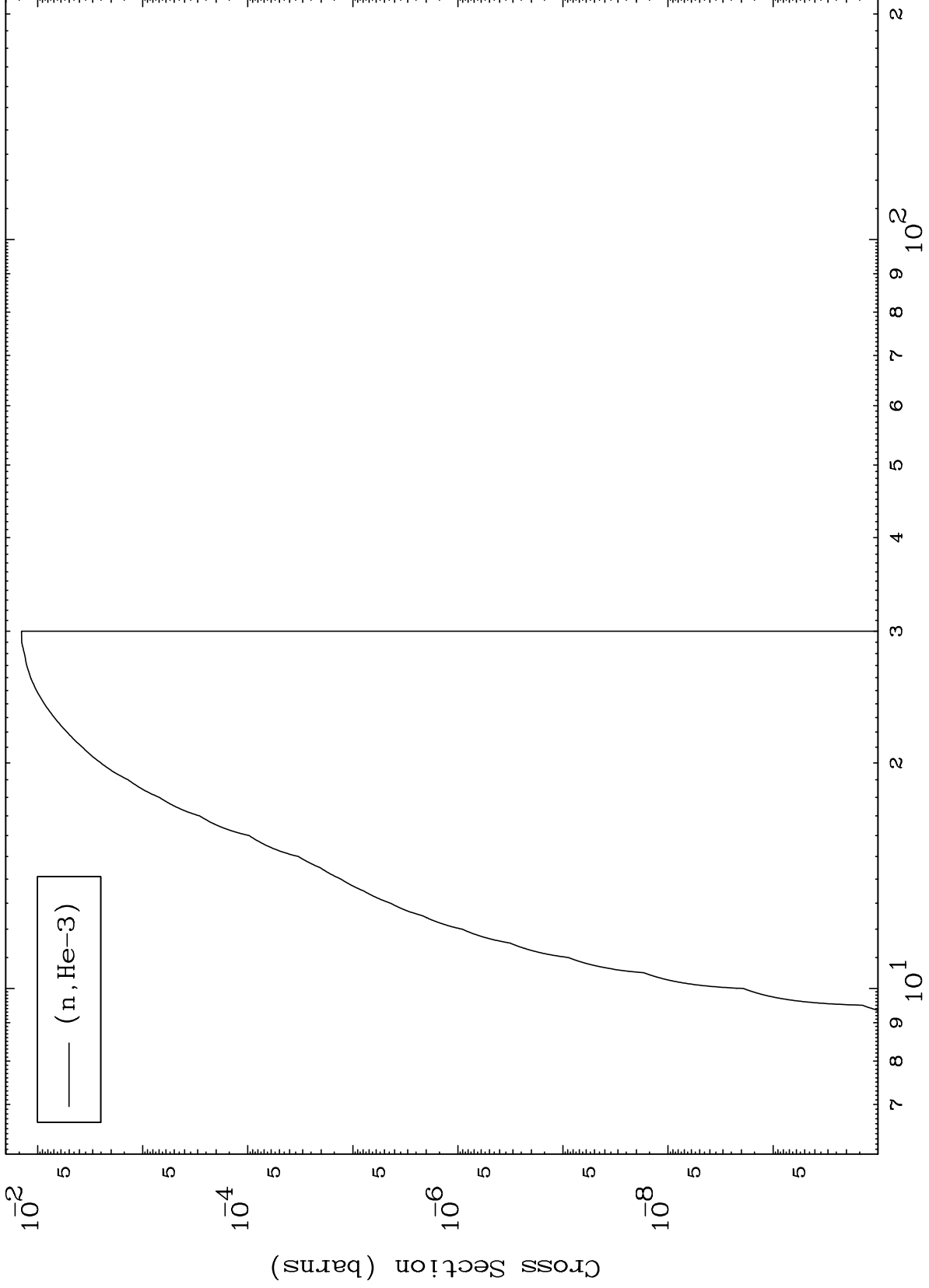
27-Co-55

11

MAT 2713

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-55



12

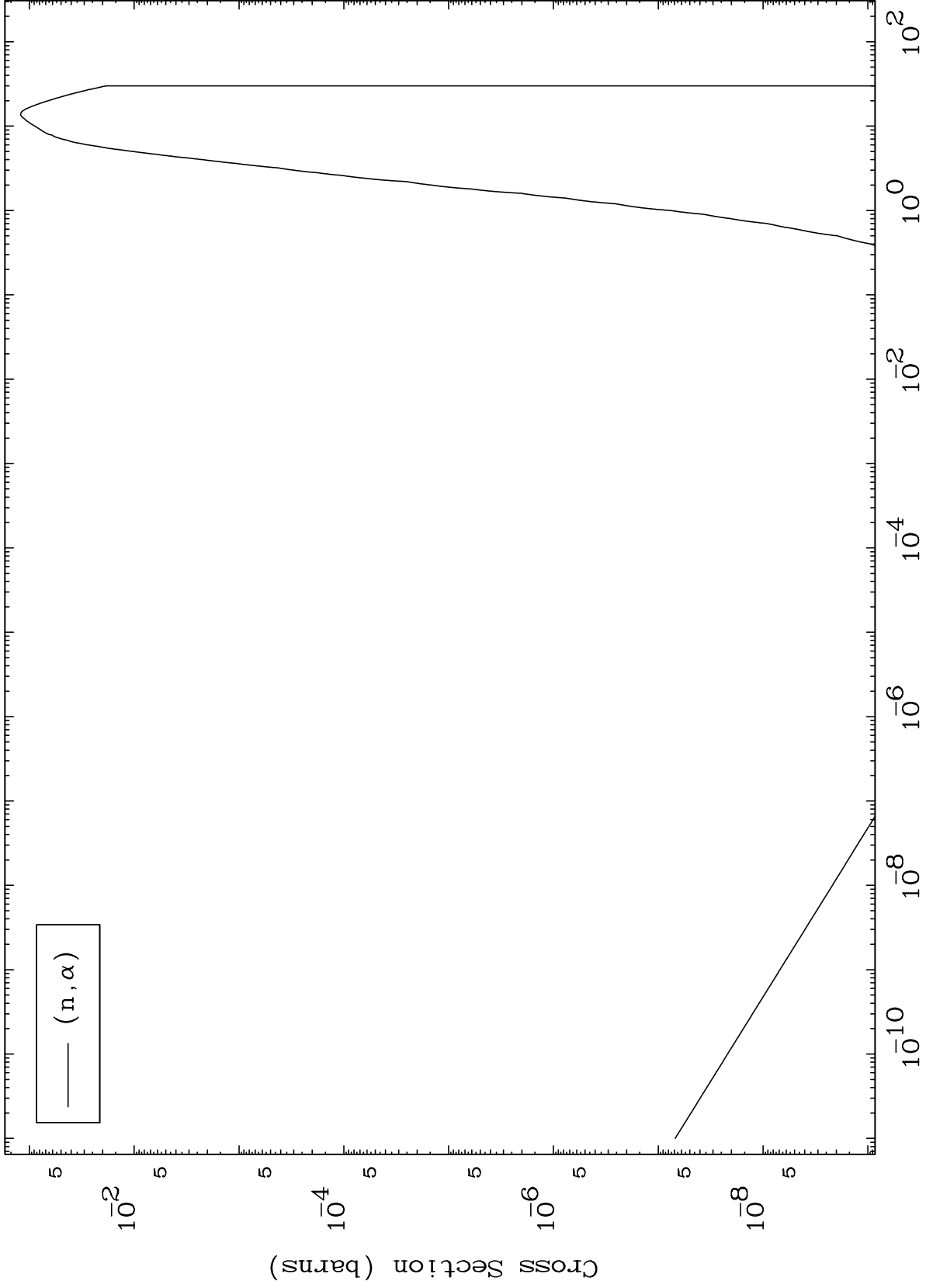
Incident Energy (MeV)

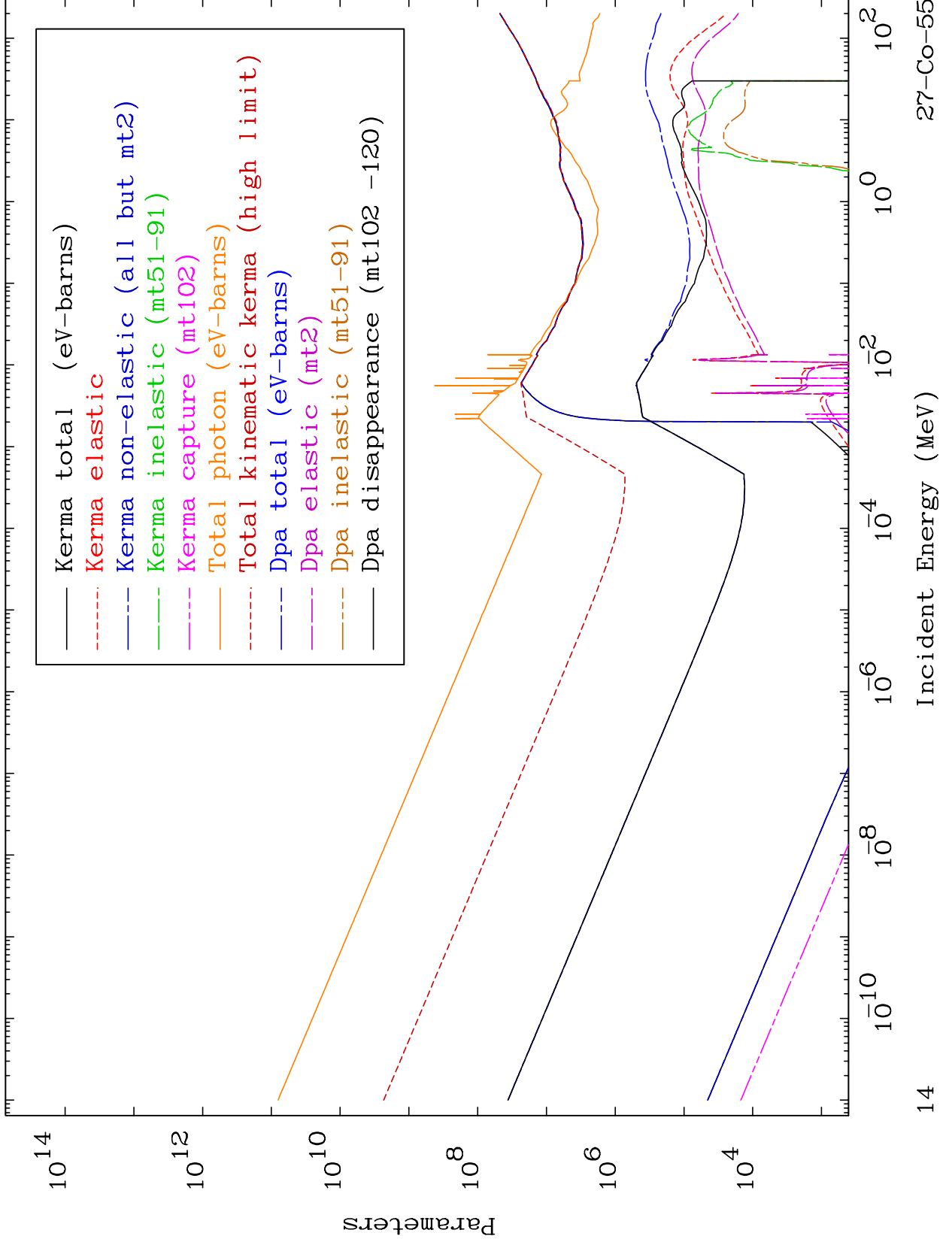
27-Co-55

MAT 2713

(n, α) Levels
293 Kelvin Cross Sections

27-Co-55

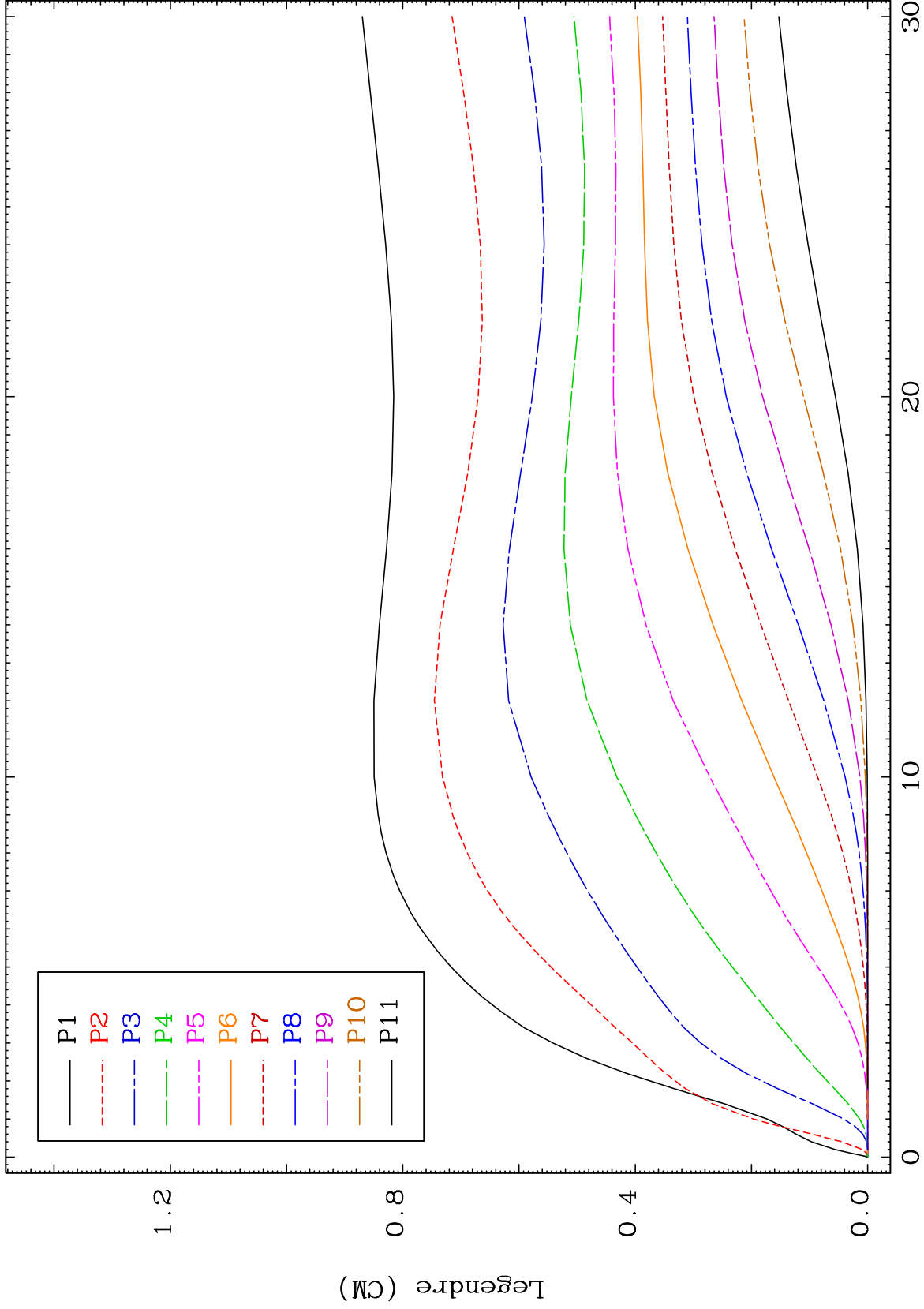




MAT 2713

Elastic Legendre Coefficients

27-Co-55

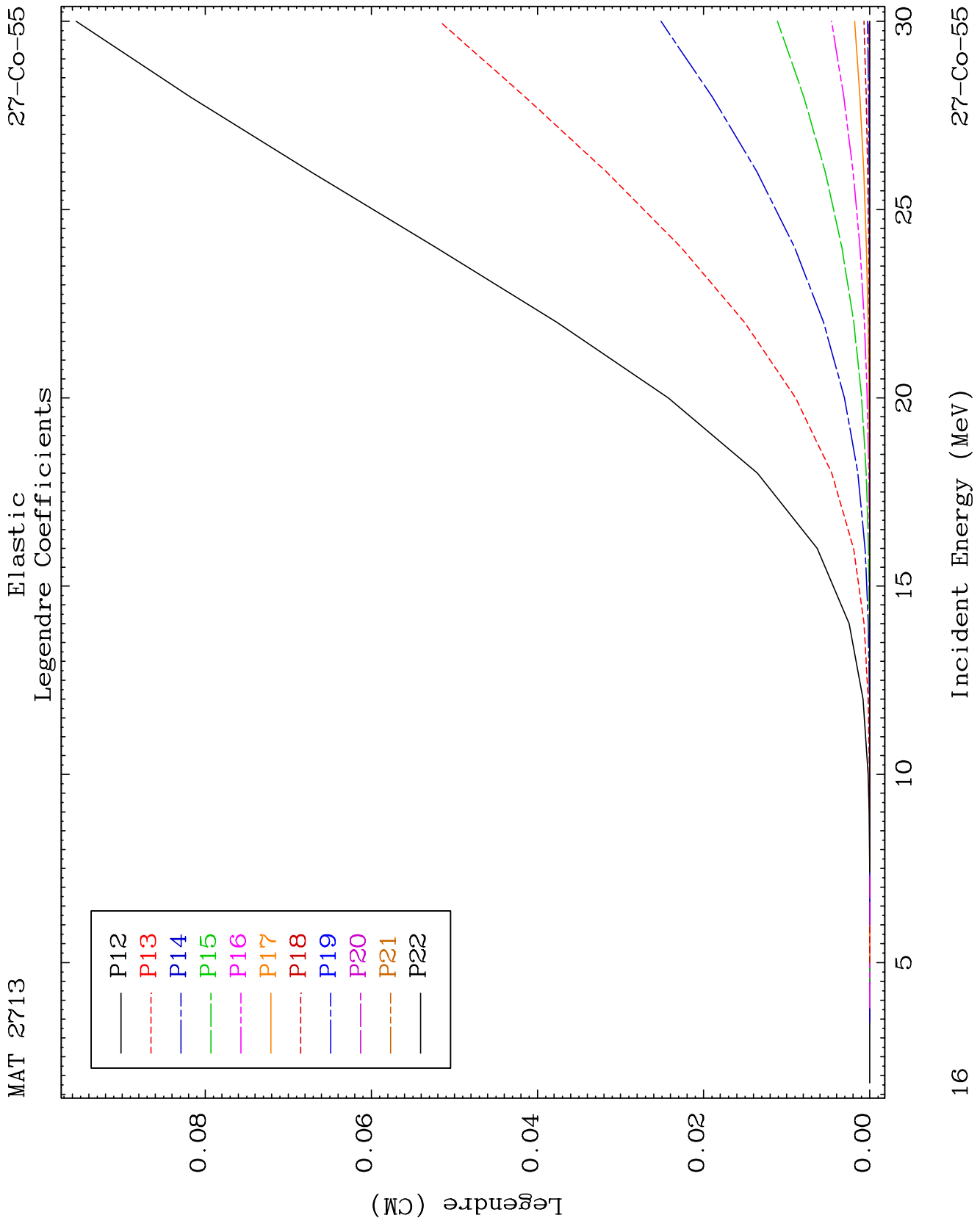


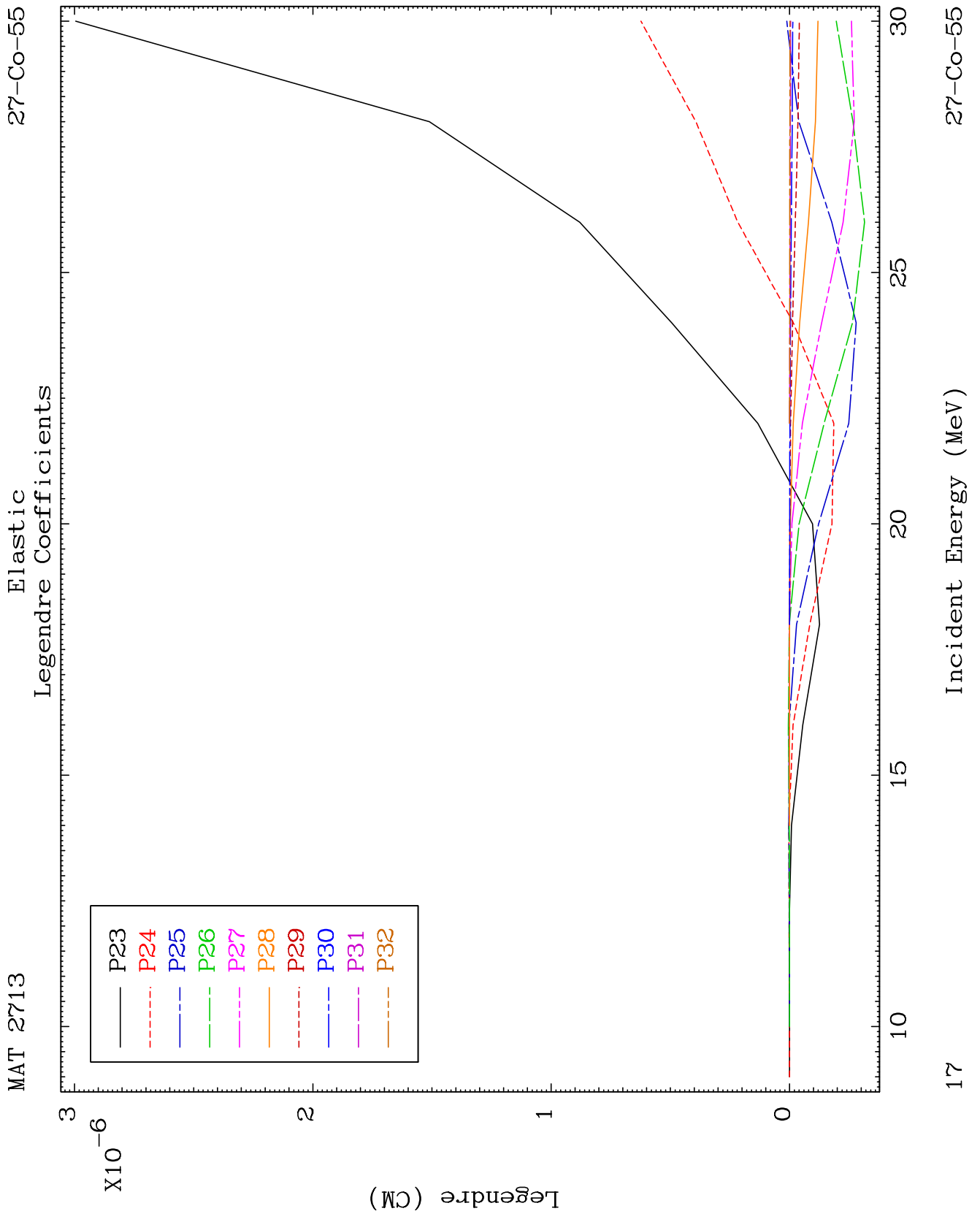
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Incident Energy (MeV)

27-Co-55

30

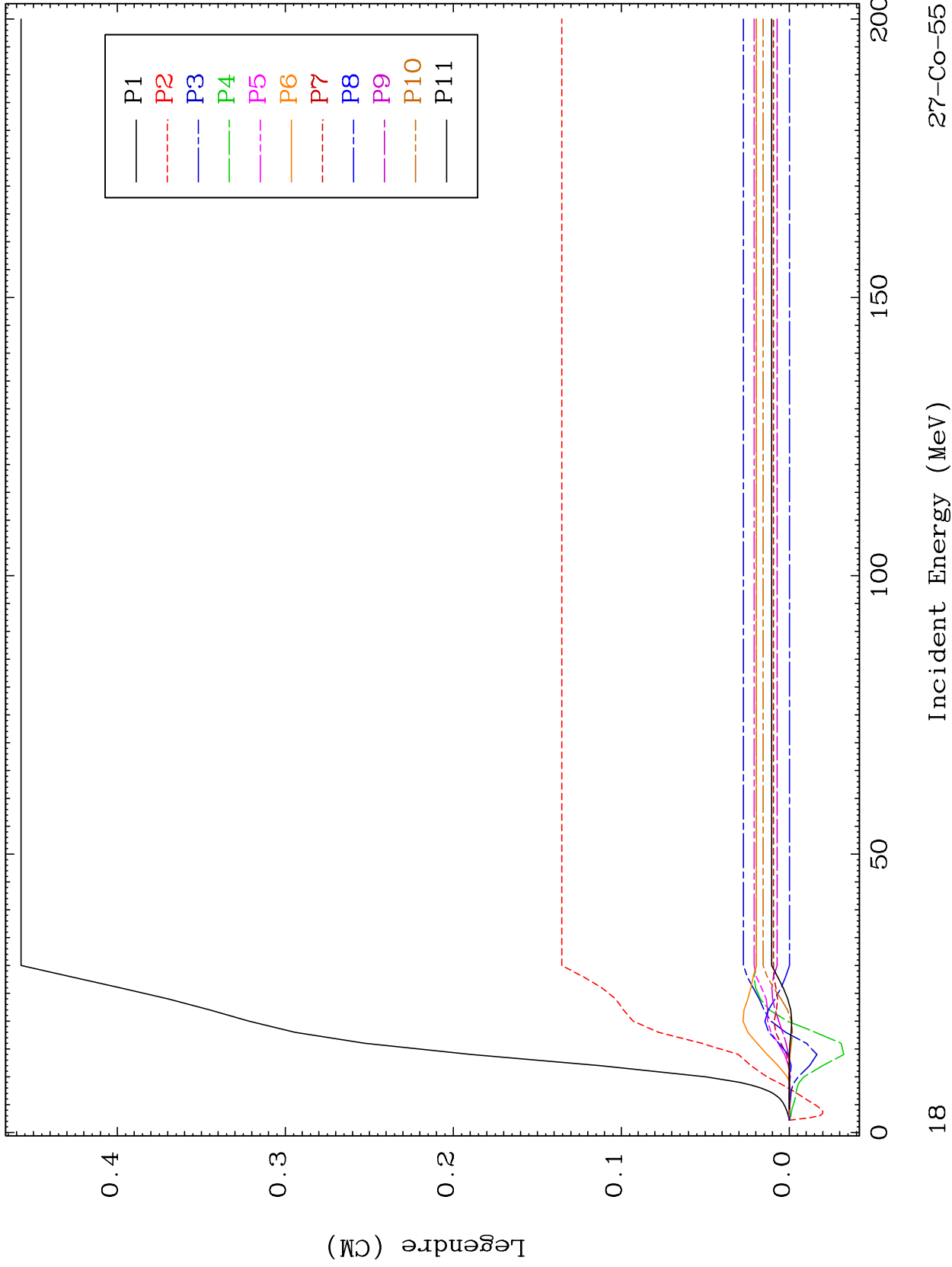




MAT 2713

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

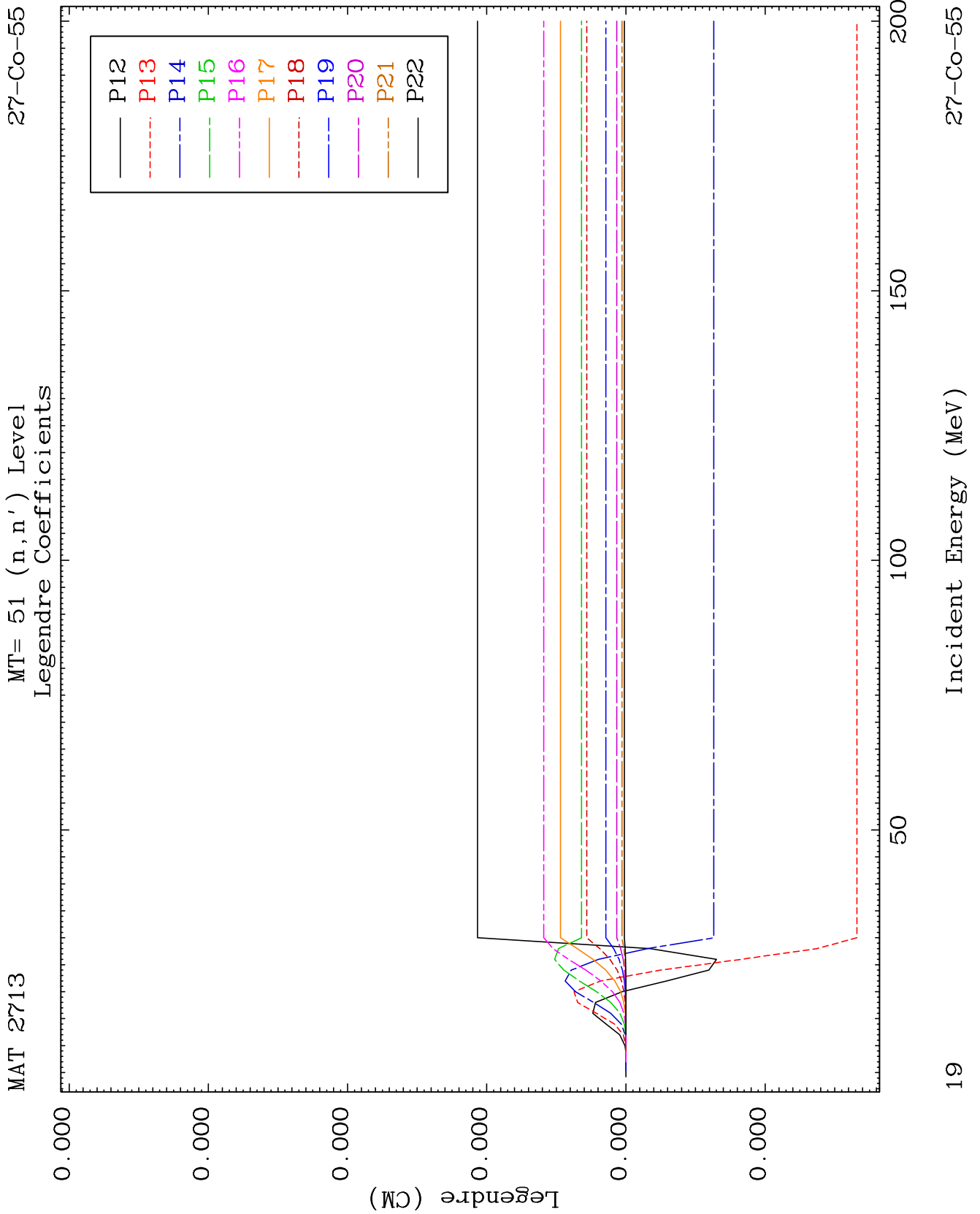
27-Co-55



18

Incident Energy (MeV)

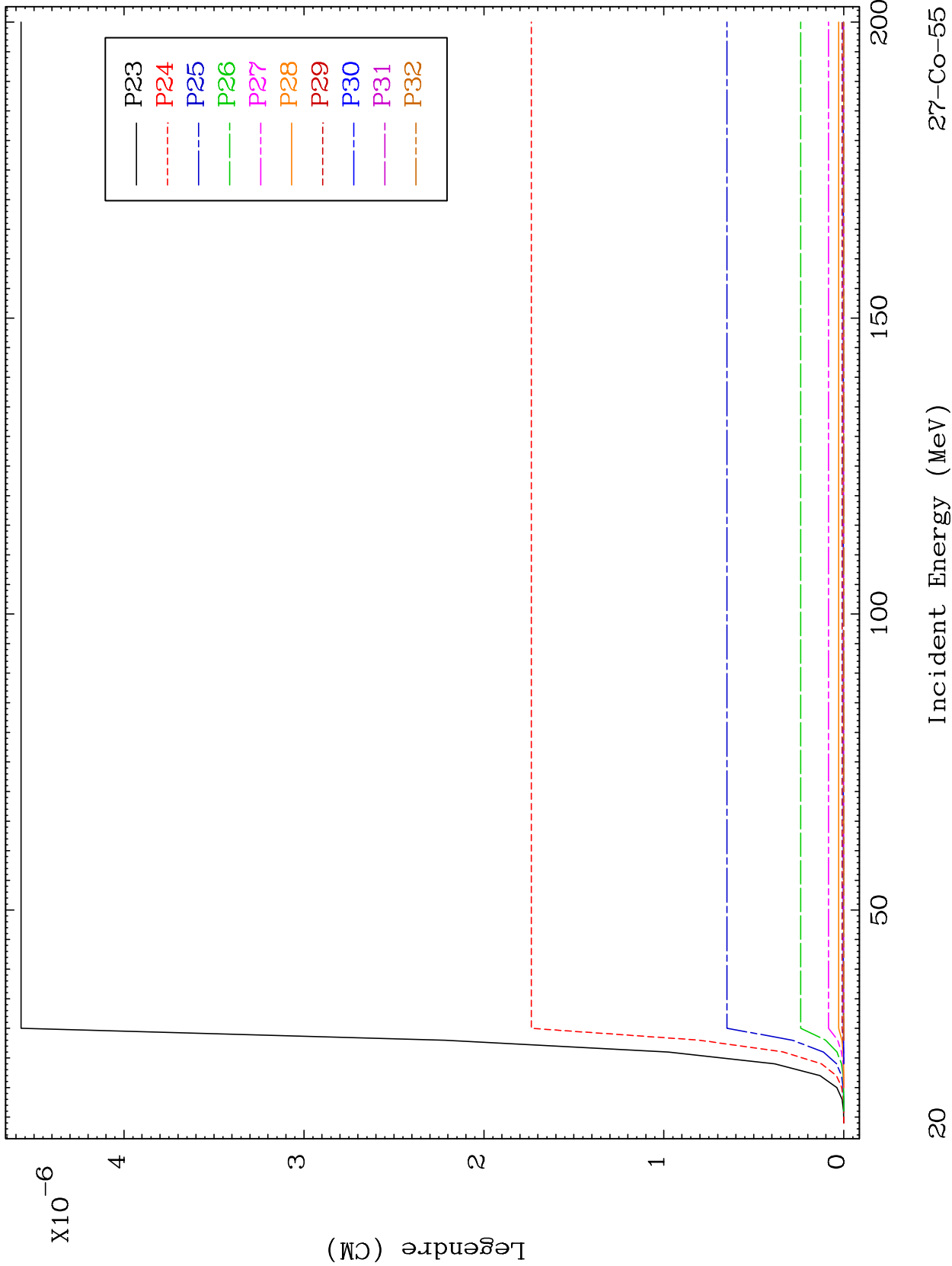
27-Co-55



MAT 2713

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

27-Co-55



20

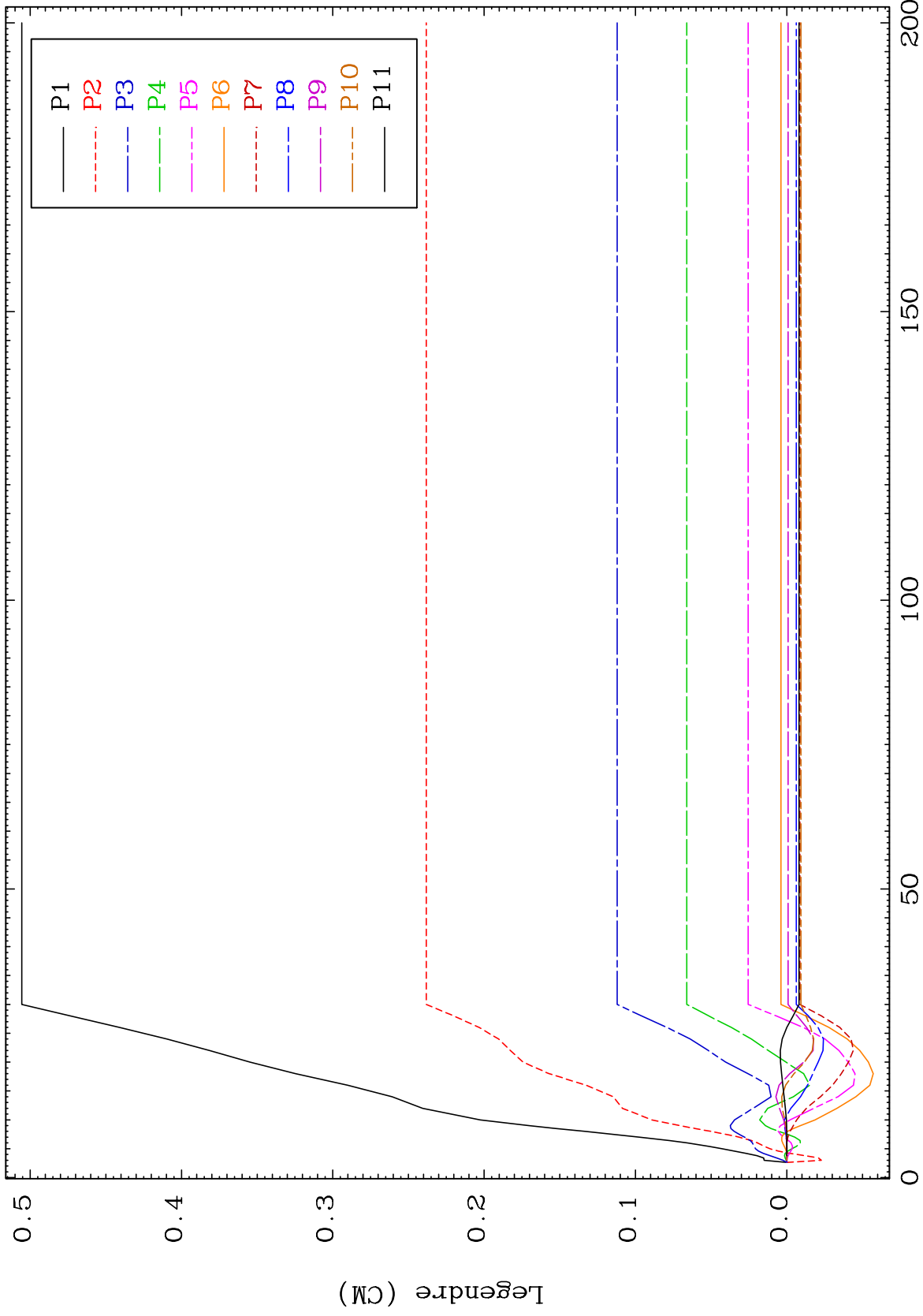
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



21

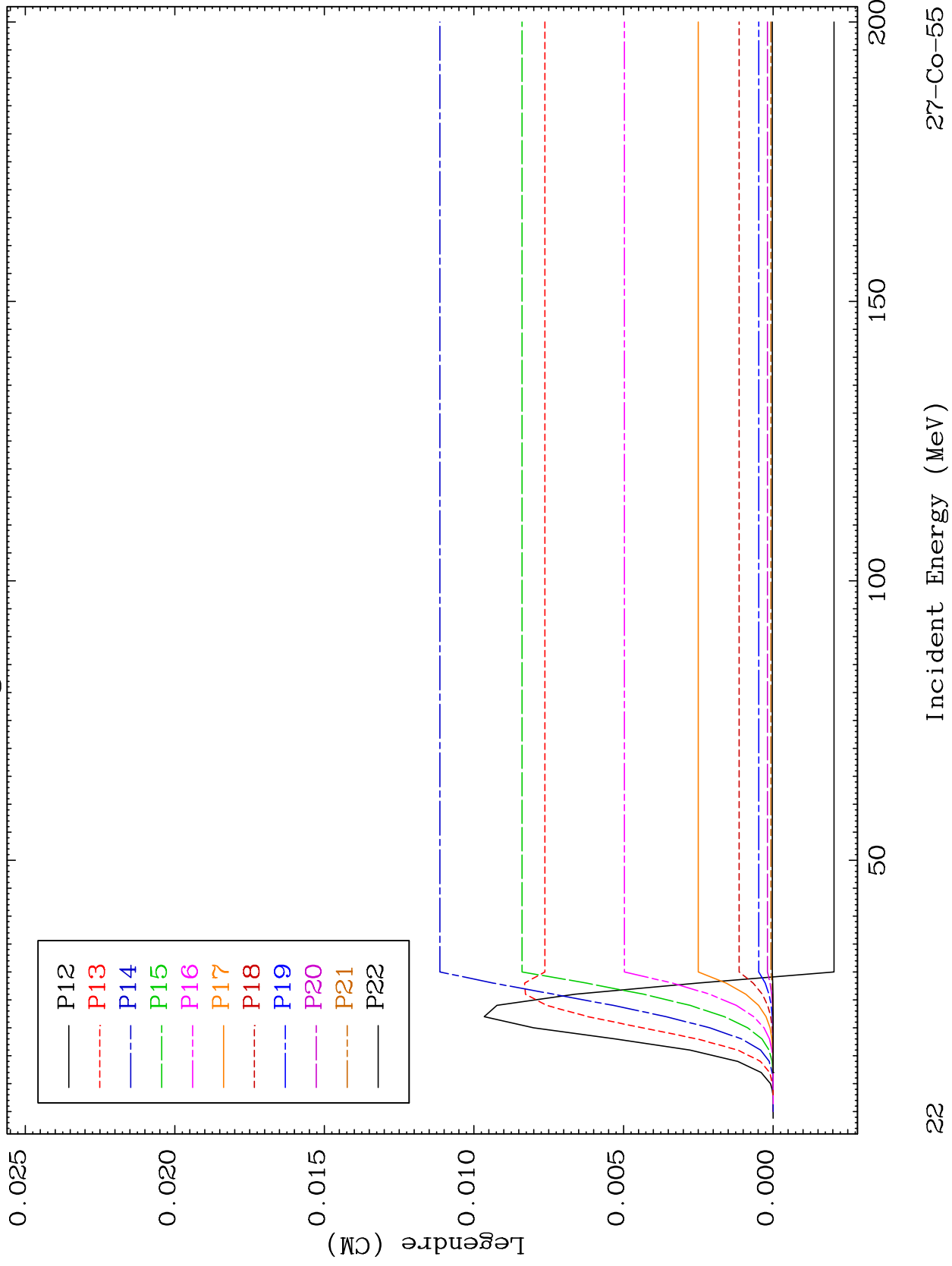
Incident Energy (MeV)

27-Co-55

MAT 2713

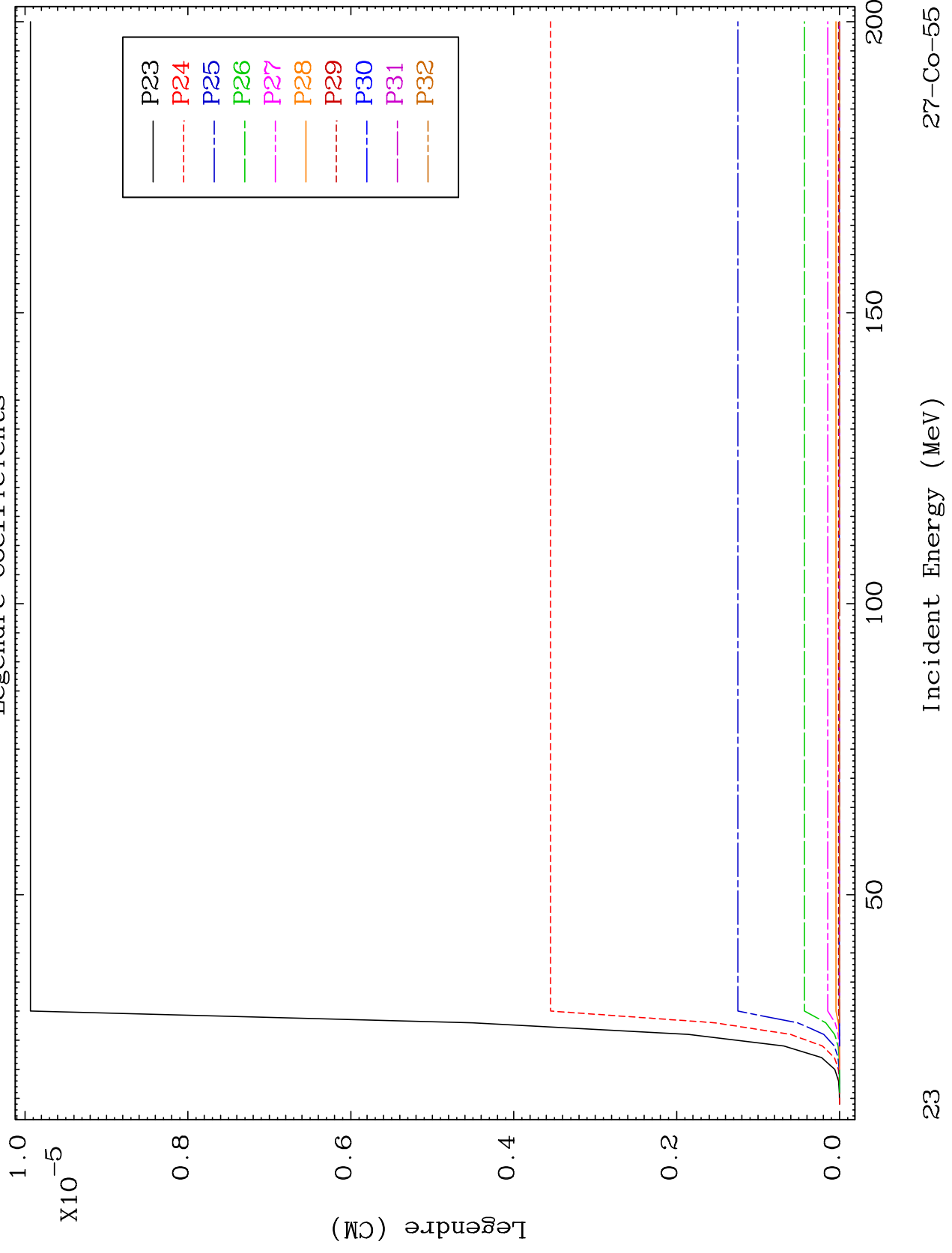
MT= 52 (n,n') Level
Legendre Coefficients

27-Co-55



22

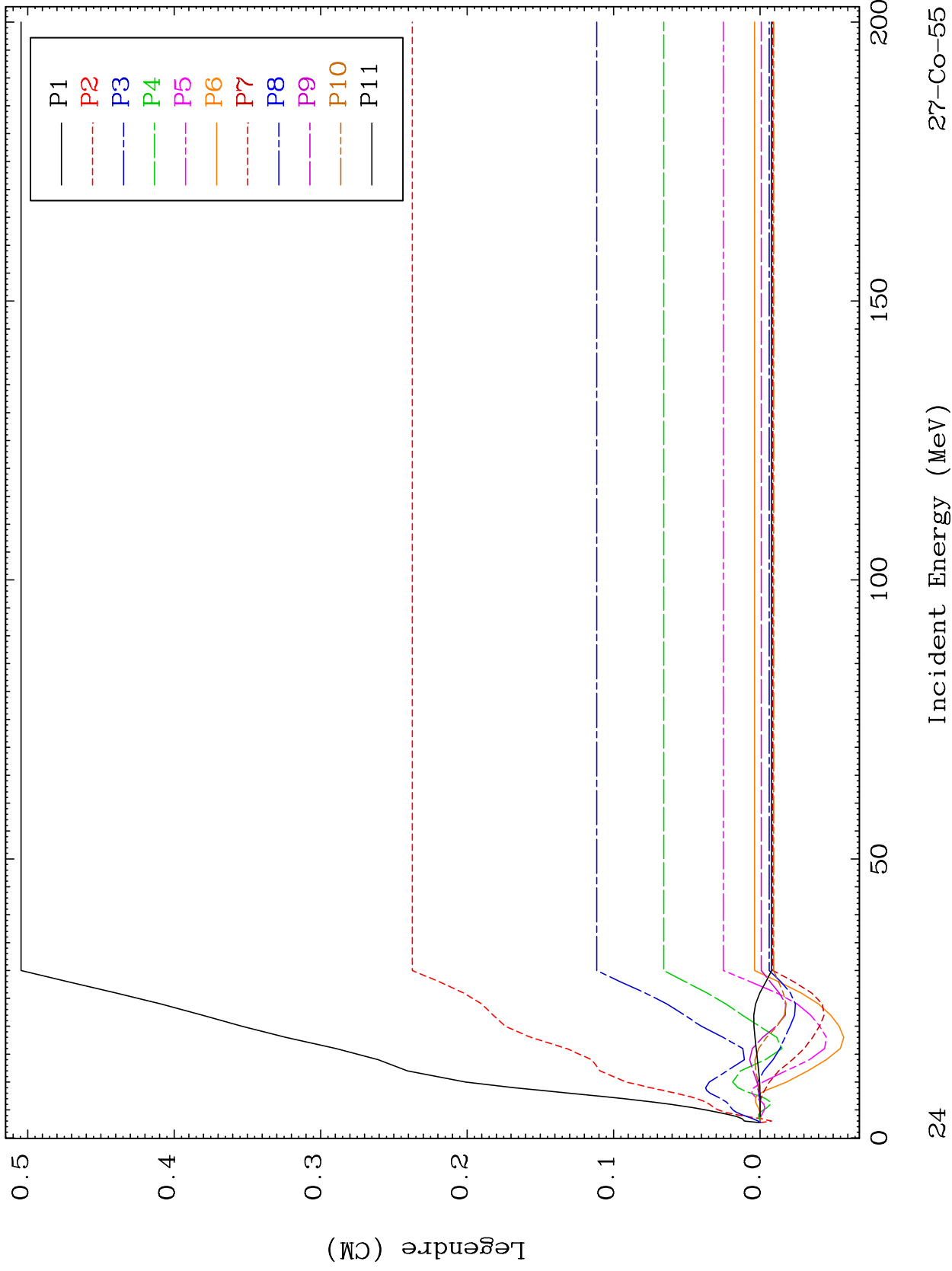
27-Co-55



MAT 2713

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

27-Co-55



24

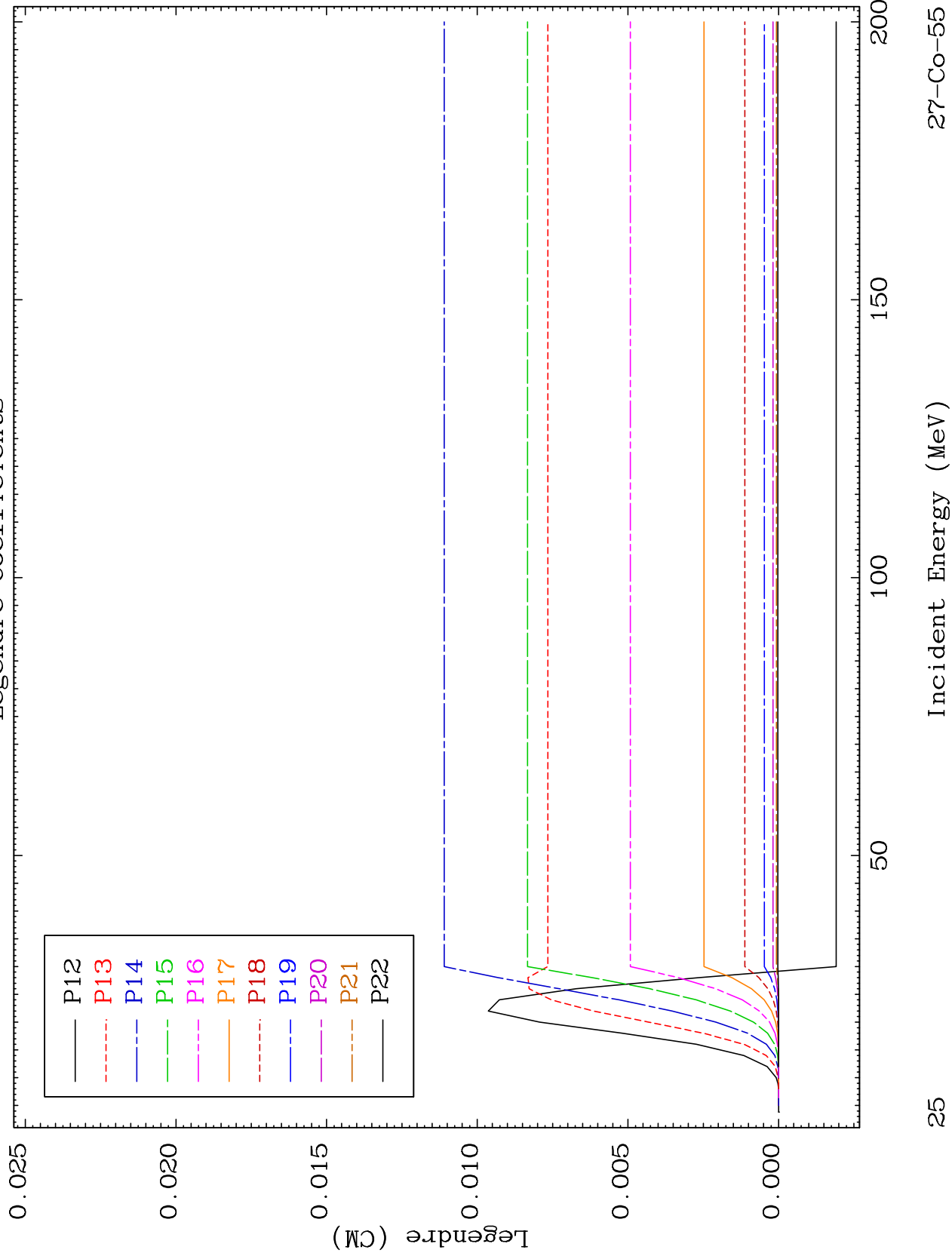
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



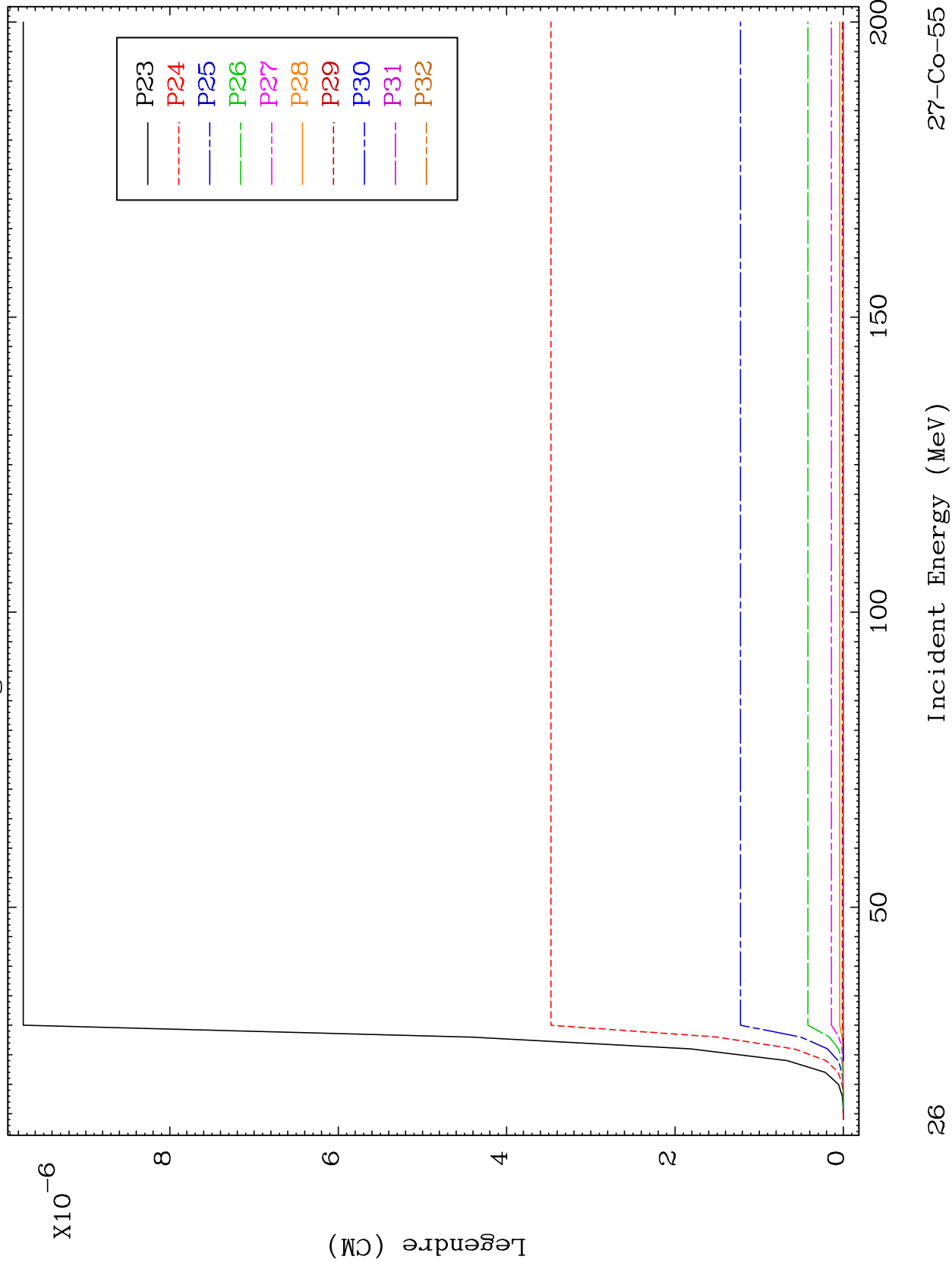
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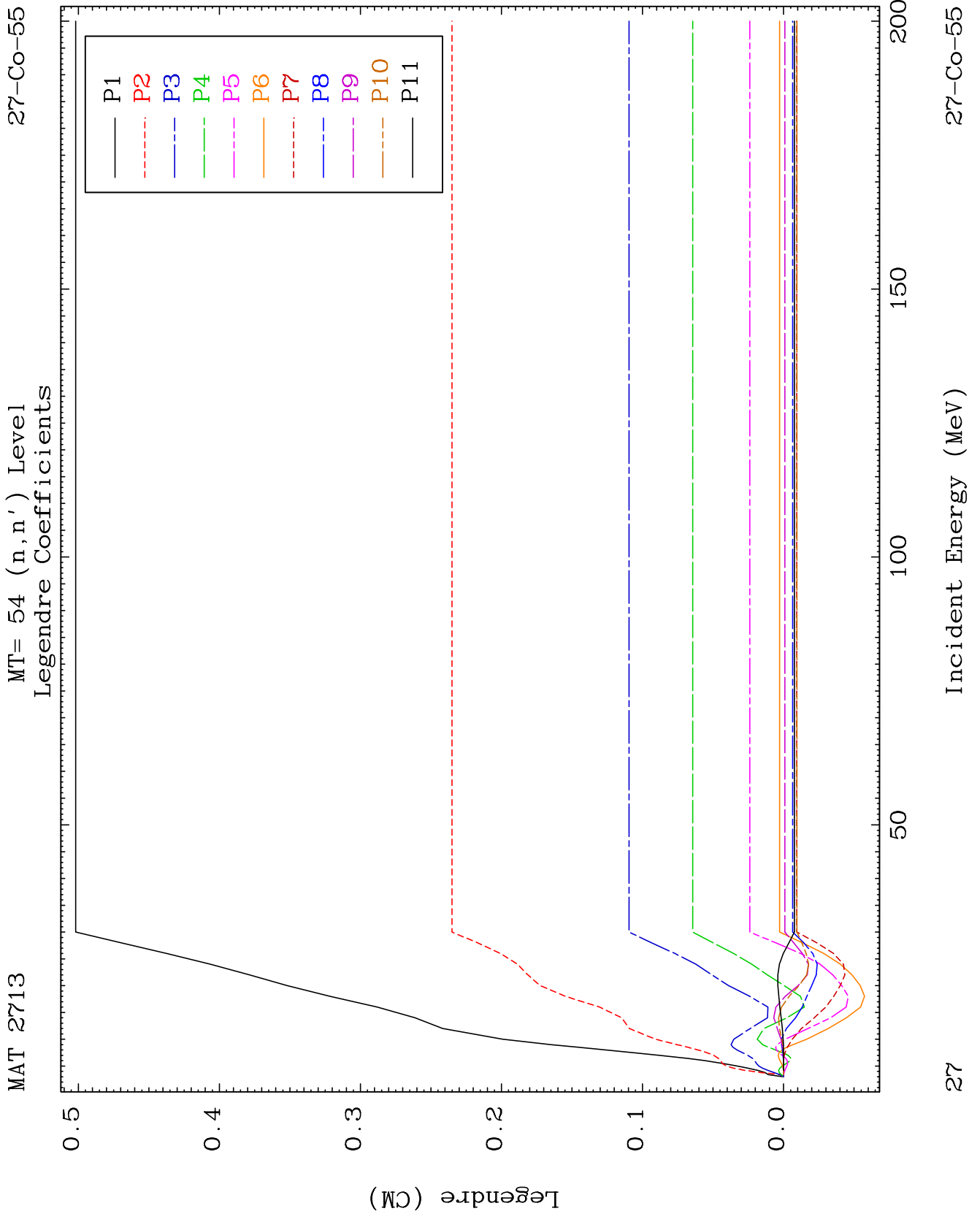
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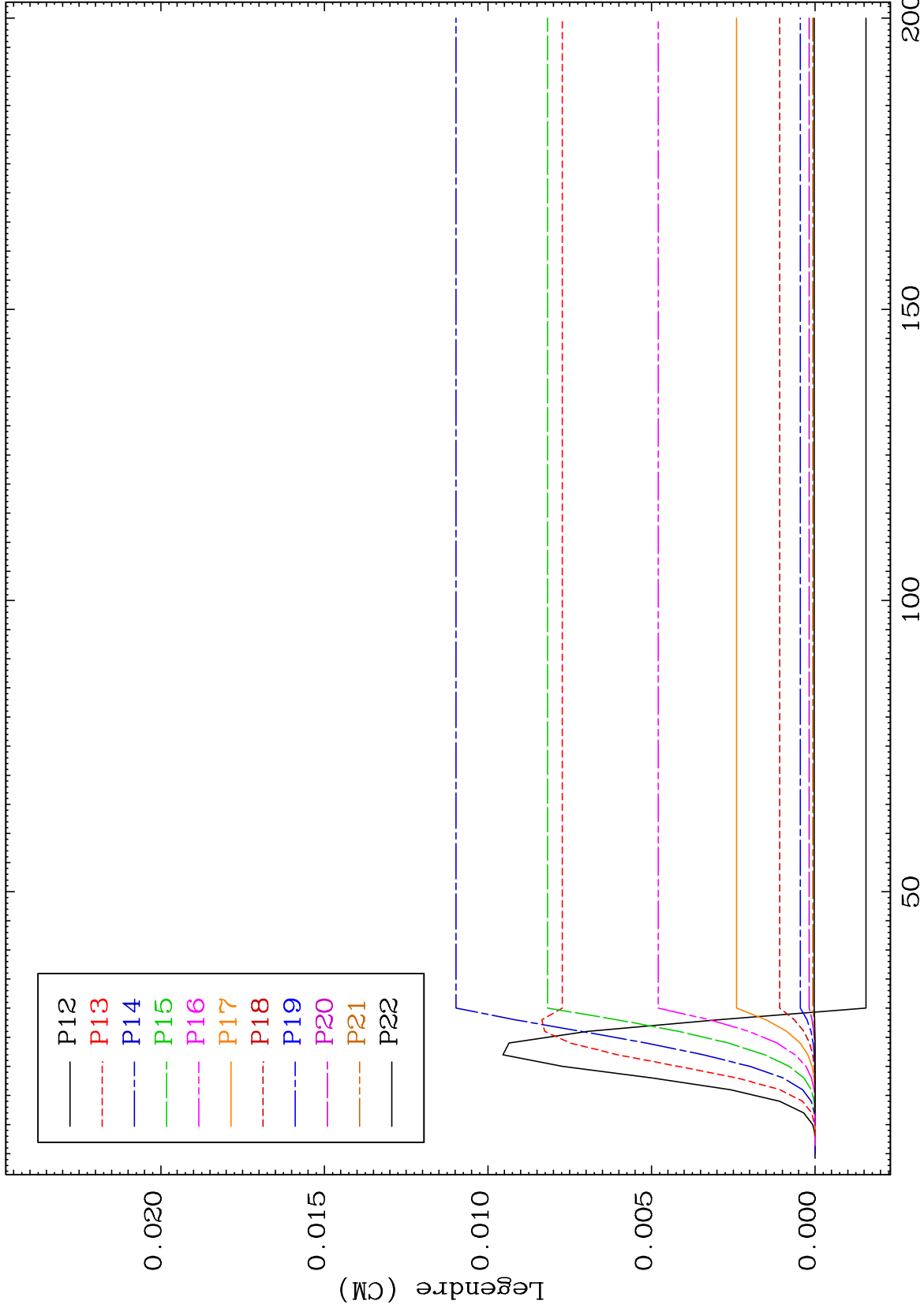
MAT 2713

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

27-Co-55



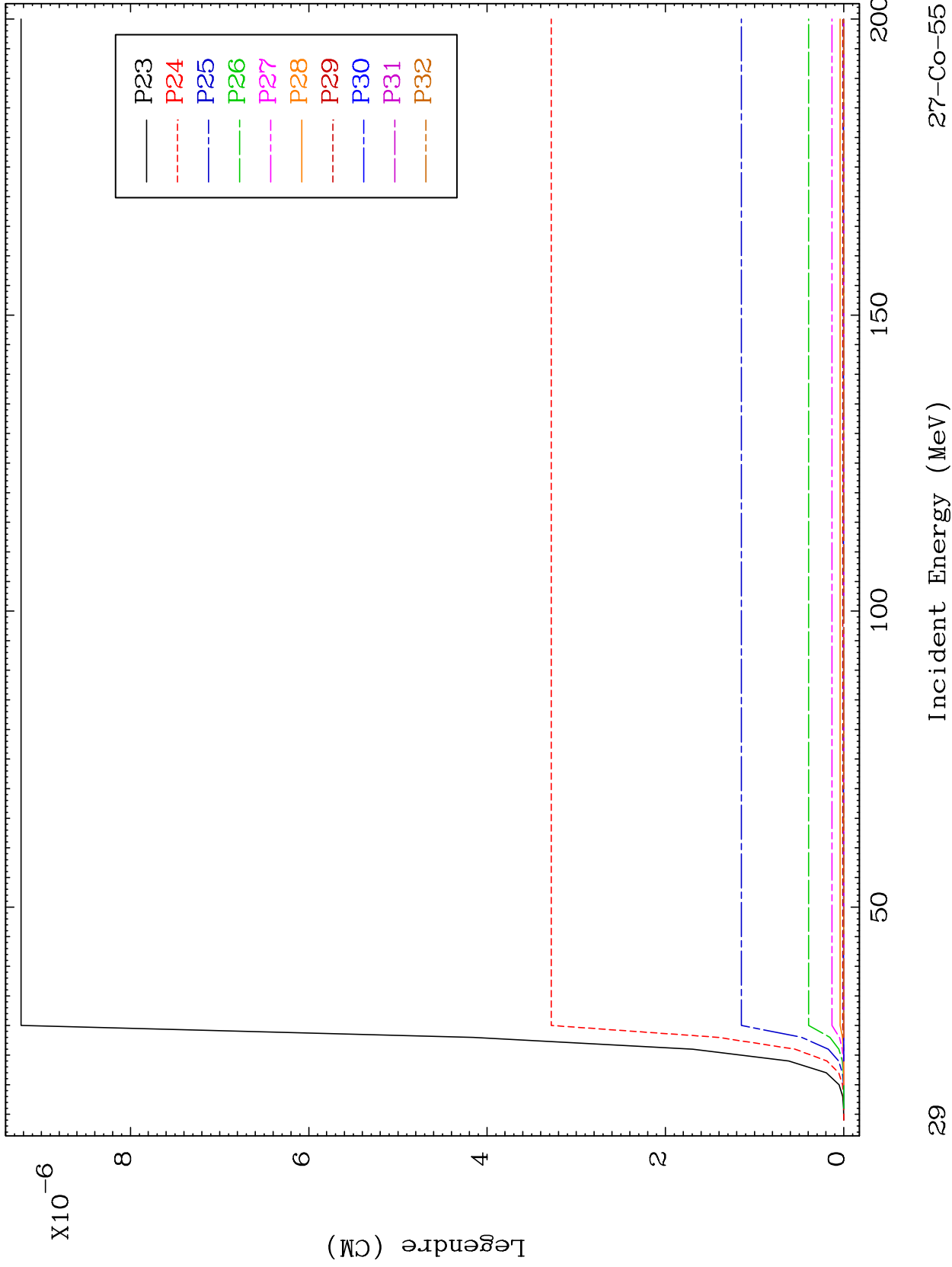




MAT 2713

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

27-Co-55



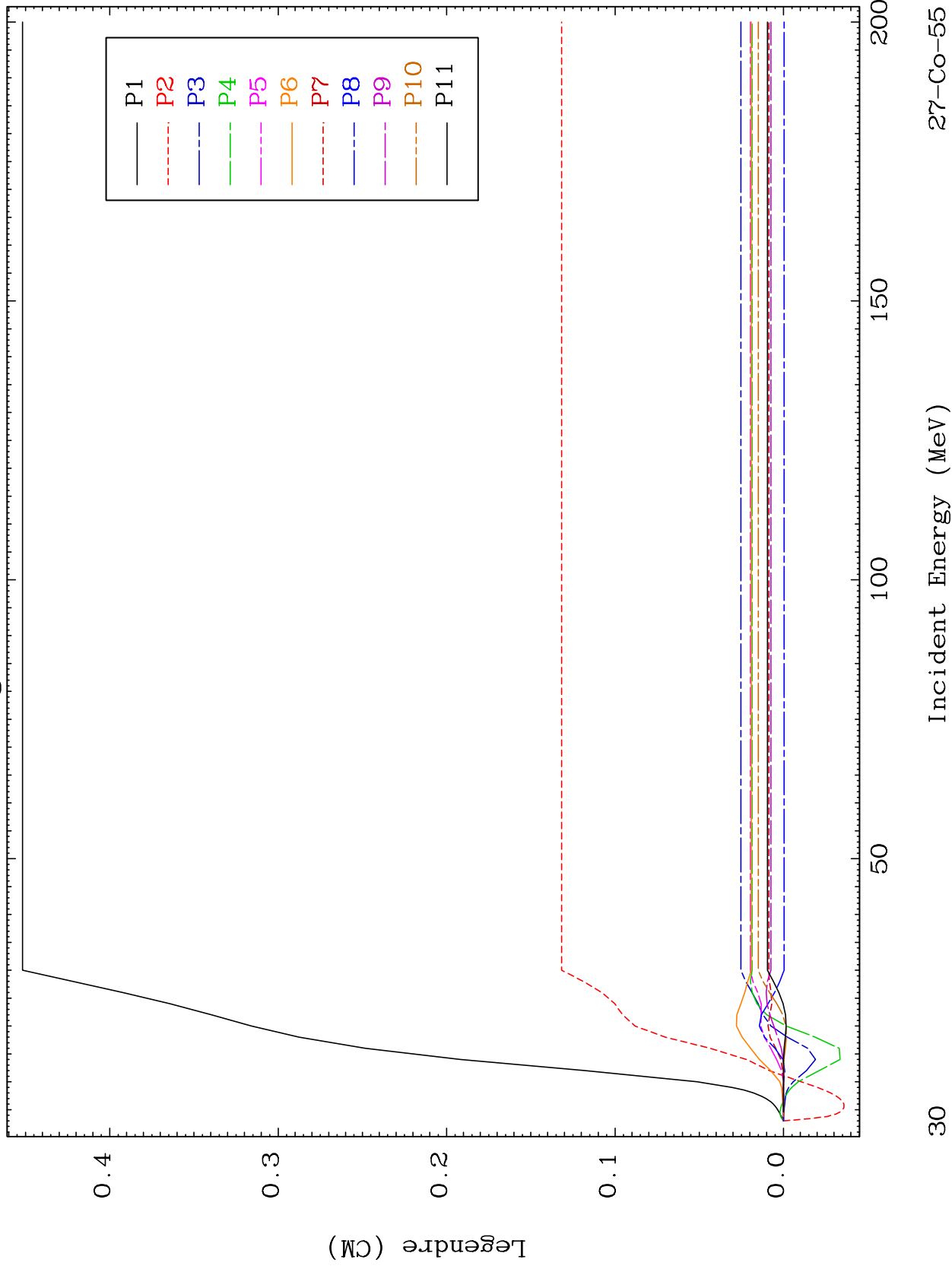
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27-Co-55

MAT 2713

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

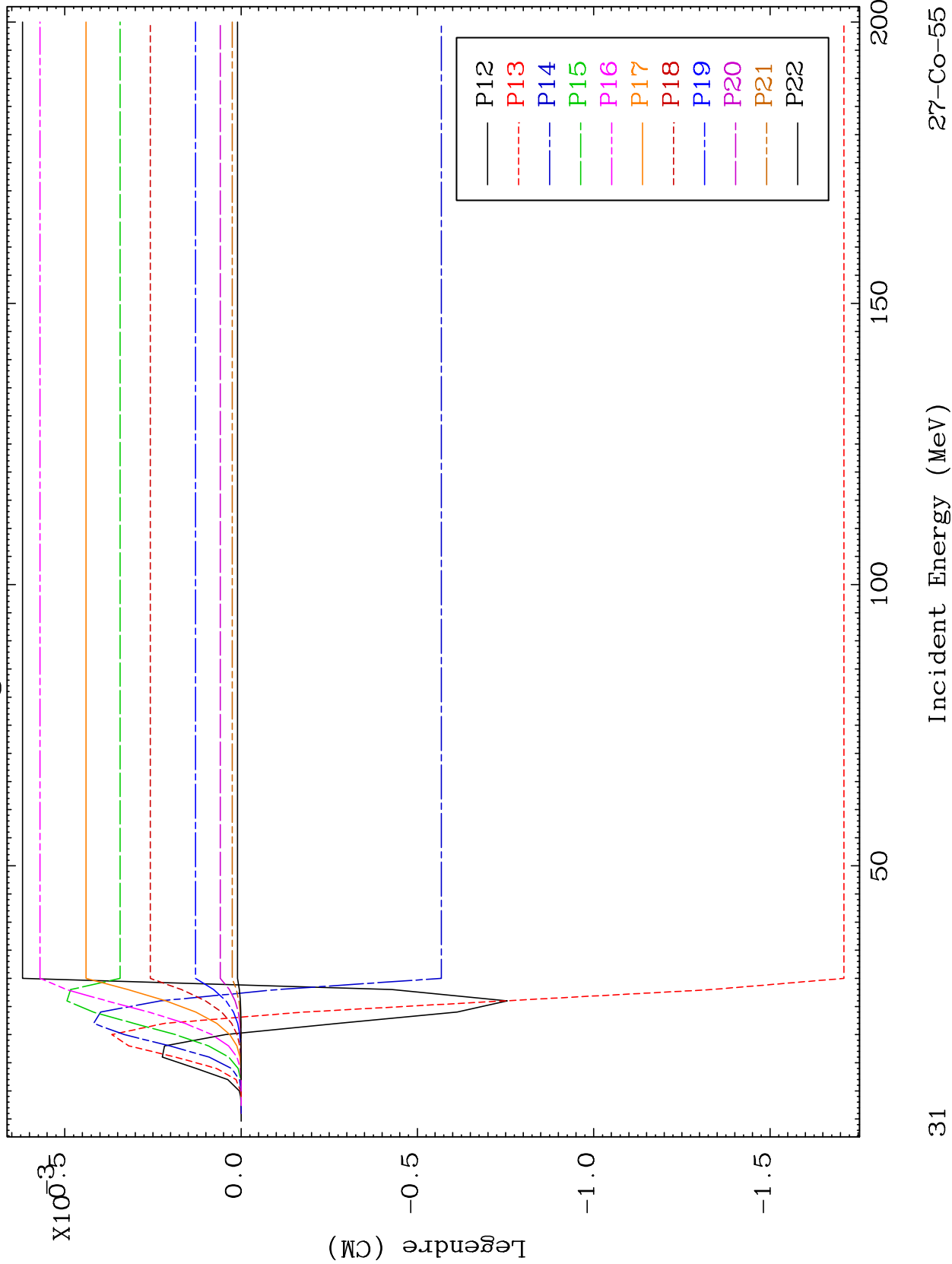
27-Co-55



27-Co-55

Incident Energy (MeV)

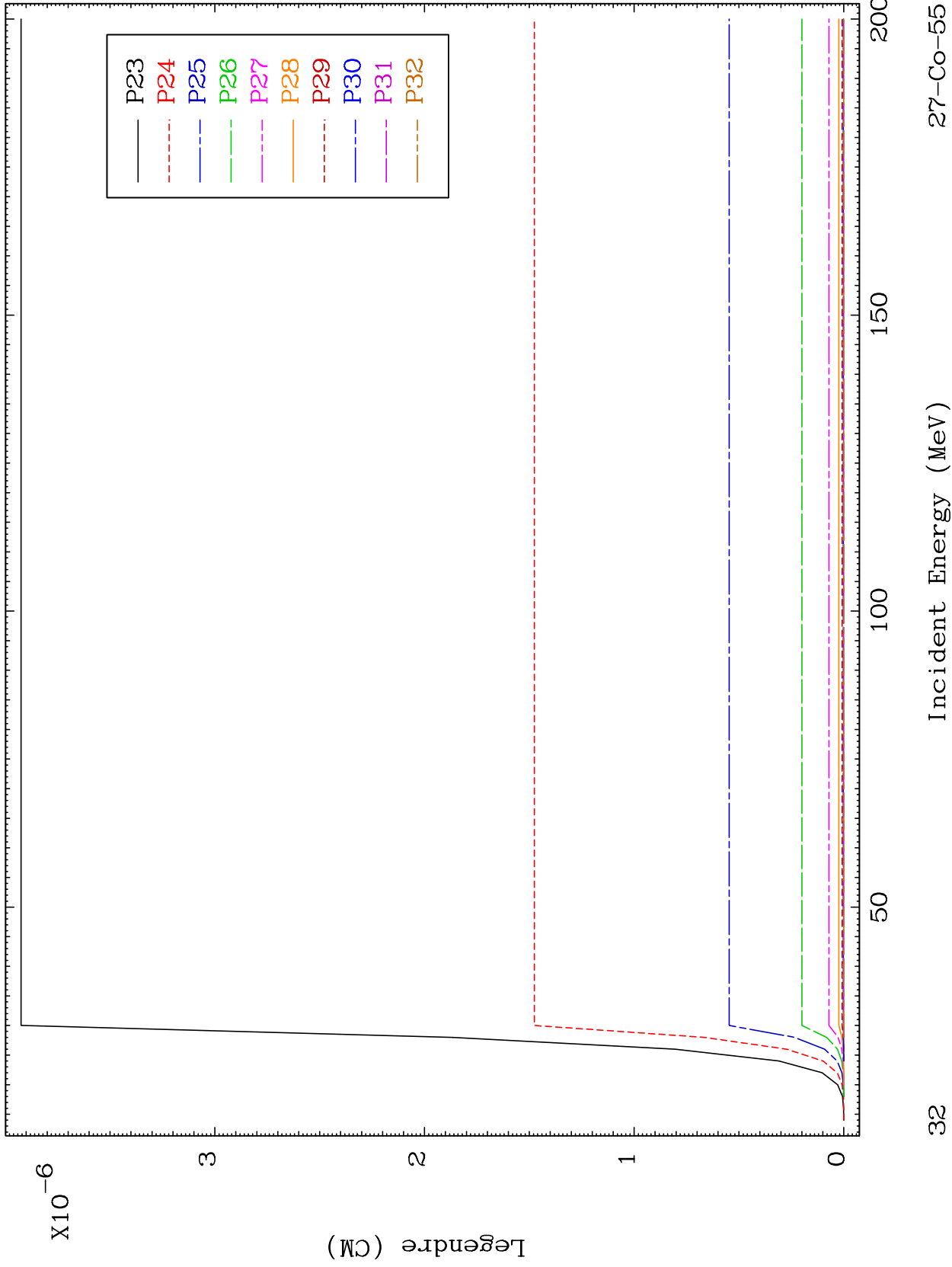
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MAT 2713

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

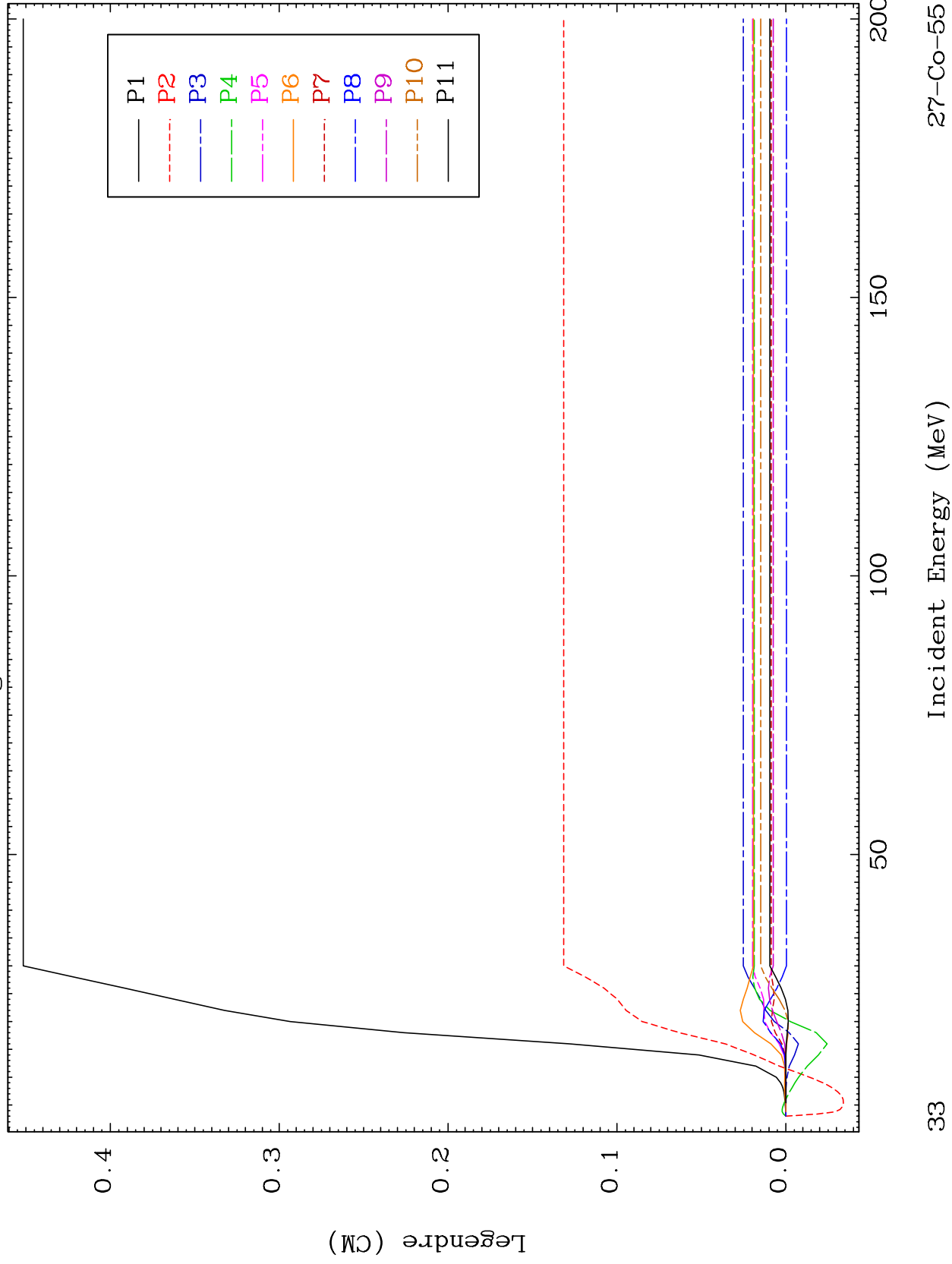
27-Co-55



MAT 2713

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

27-Co-55



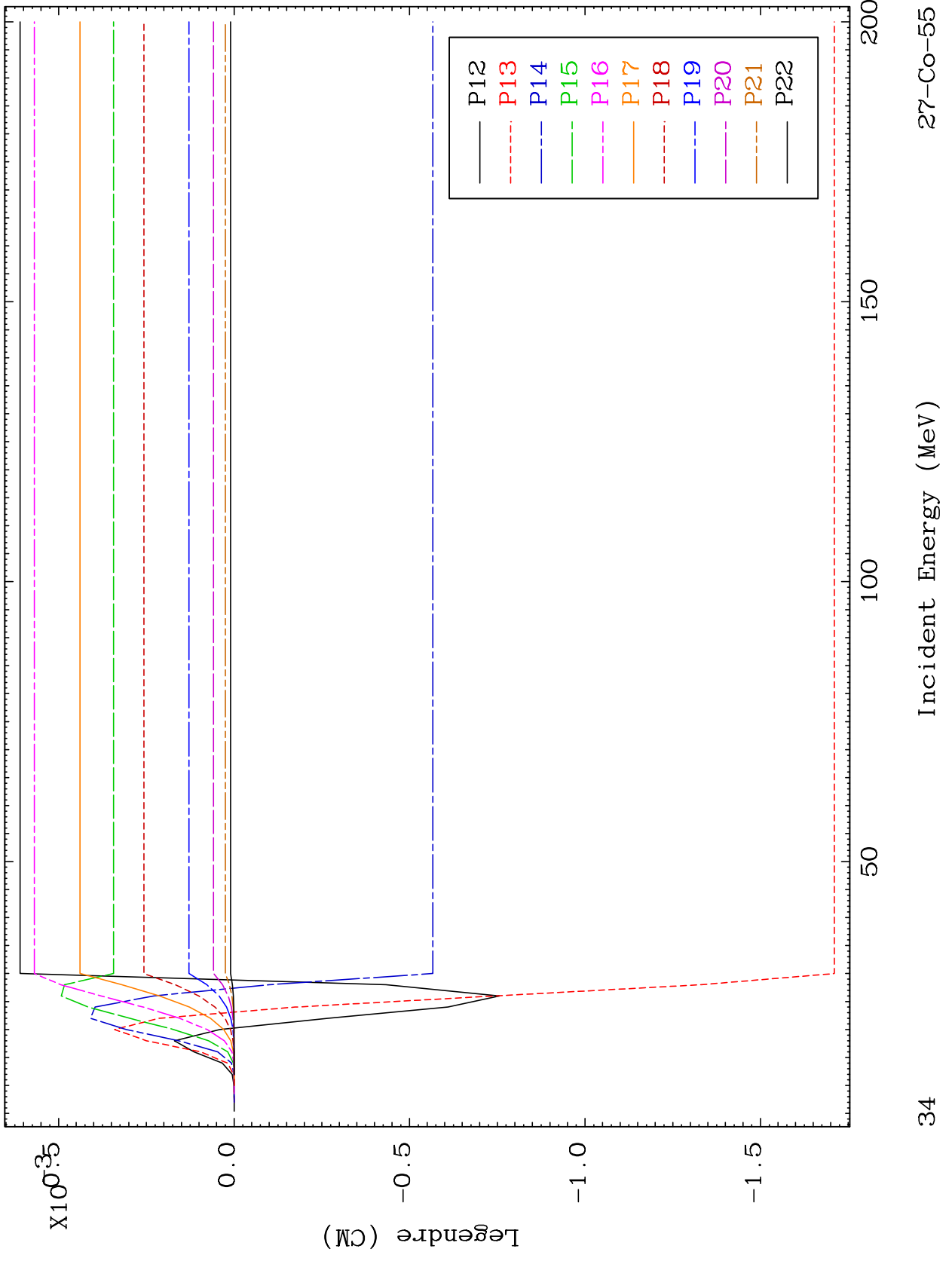
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27-Co-55

MAT 2713

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

27-Co-55



34

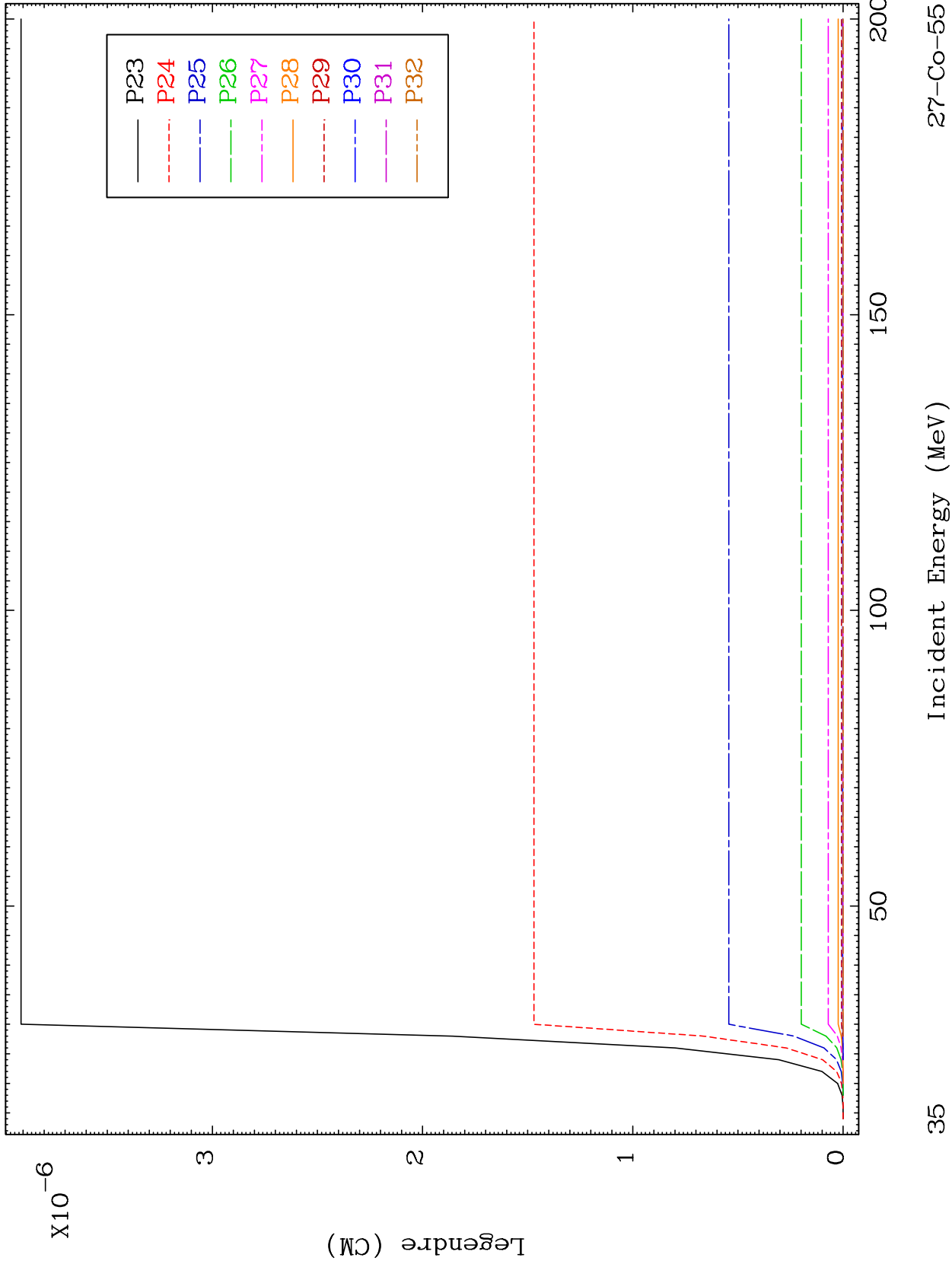
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



35

50

100

150

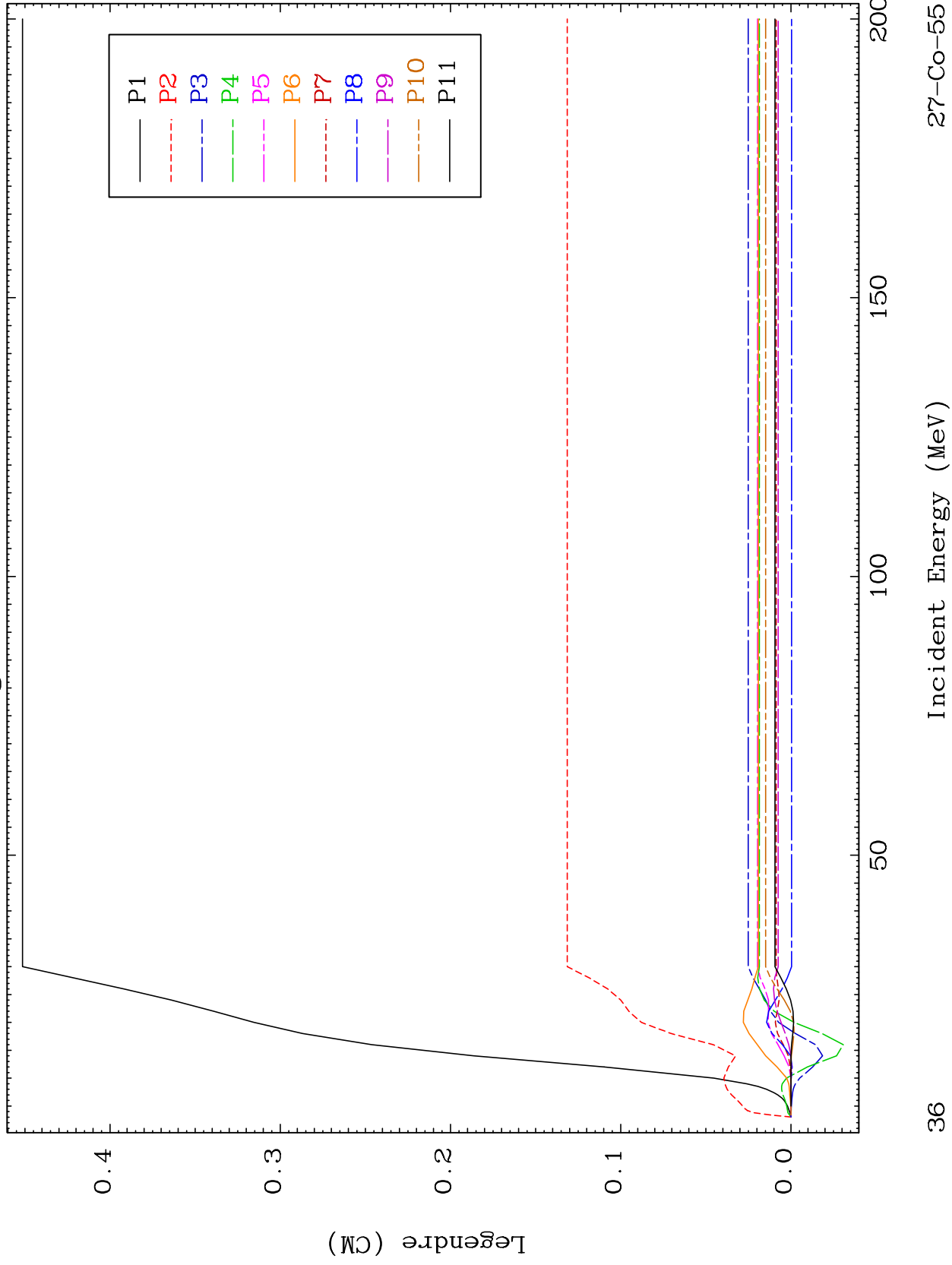
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27-Co-55

MAT 2713

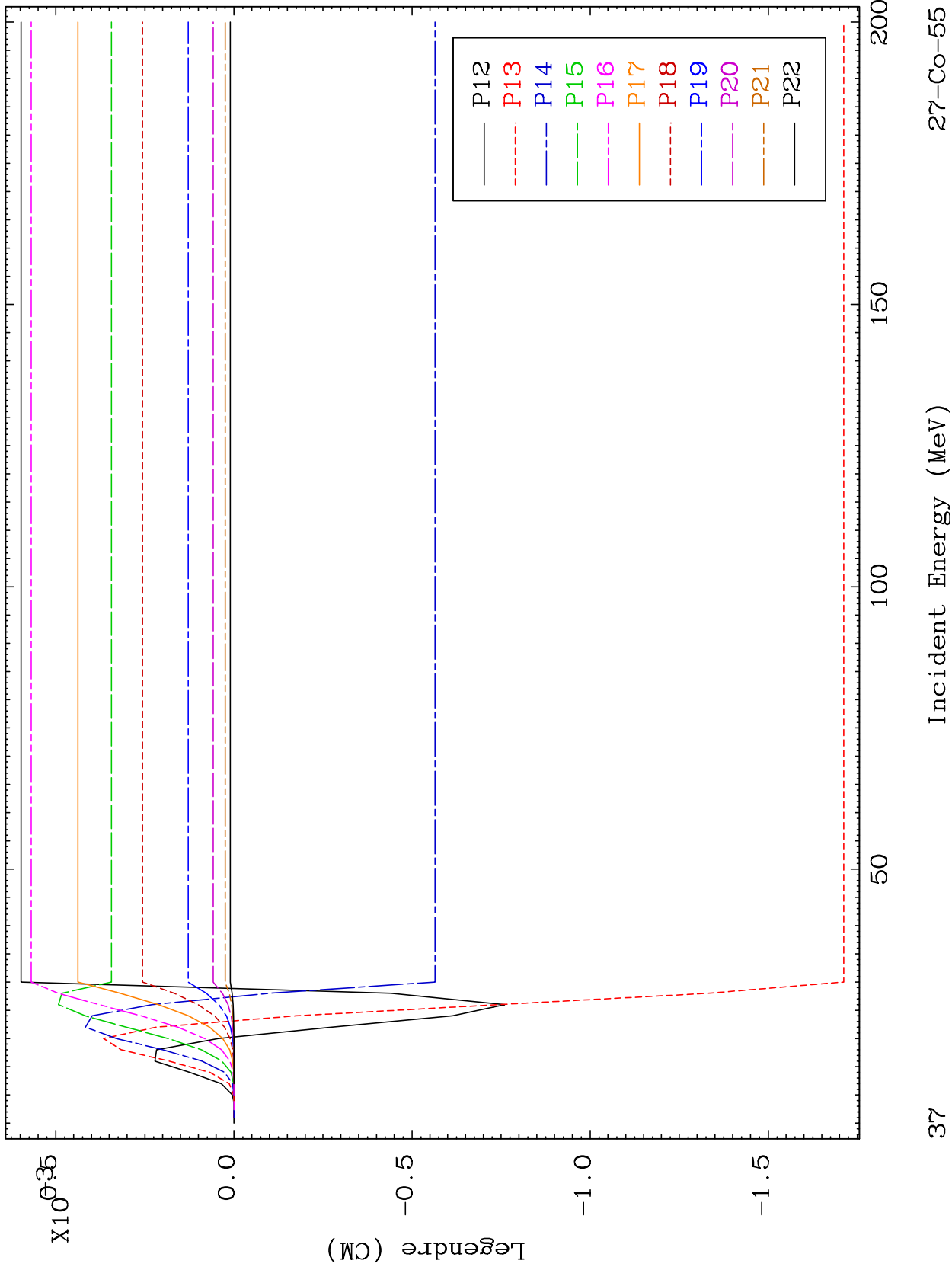
MT= 57 (n,n') Level
Legendre Coefficients

27-Co-55



36

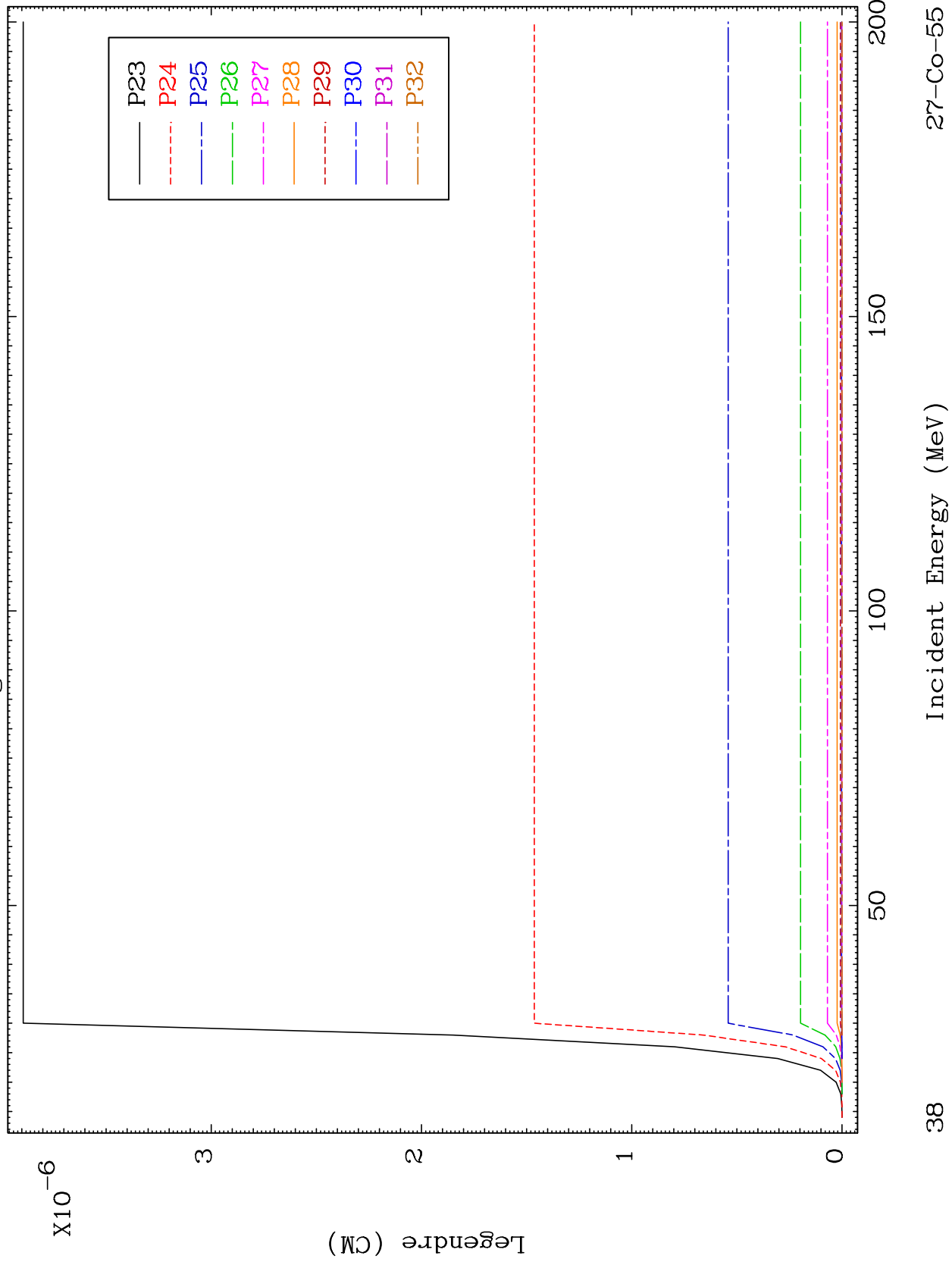
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MAT 2713

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

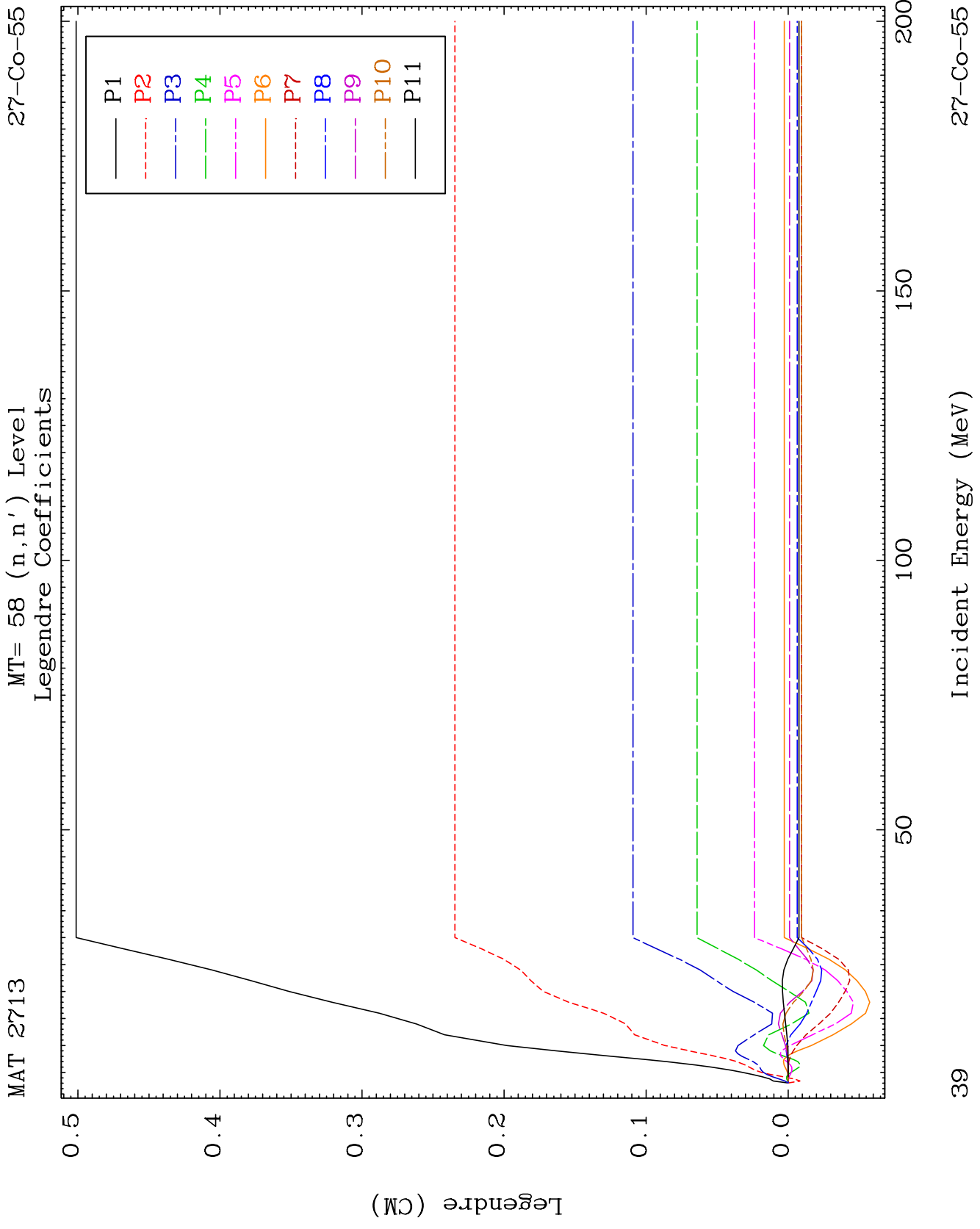
27-Co-55



38

Incident Energy (MeV)

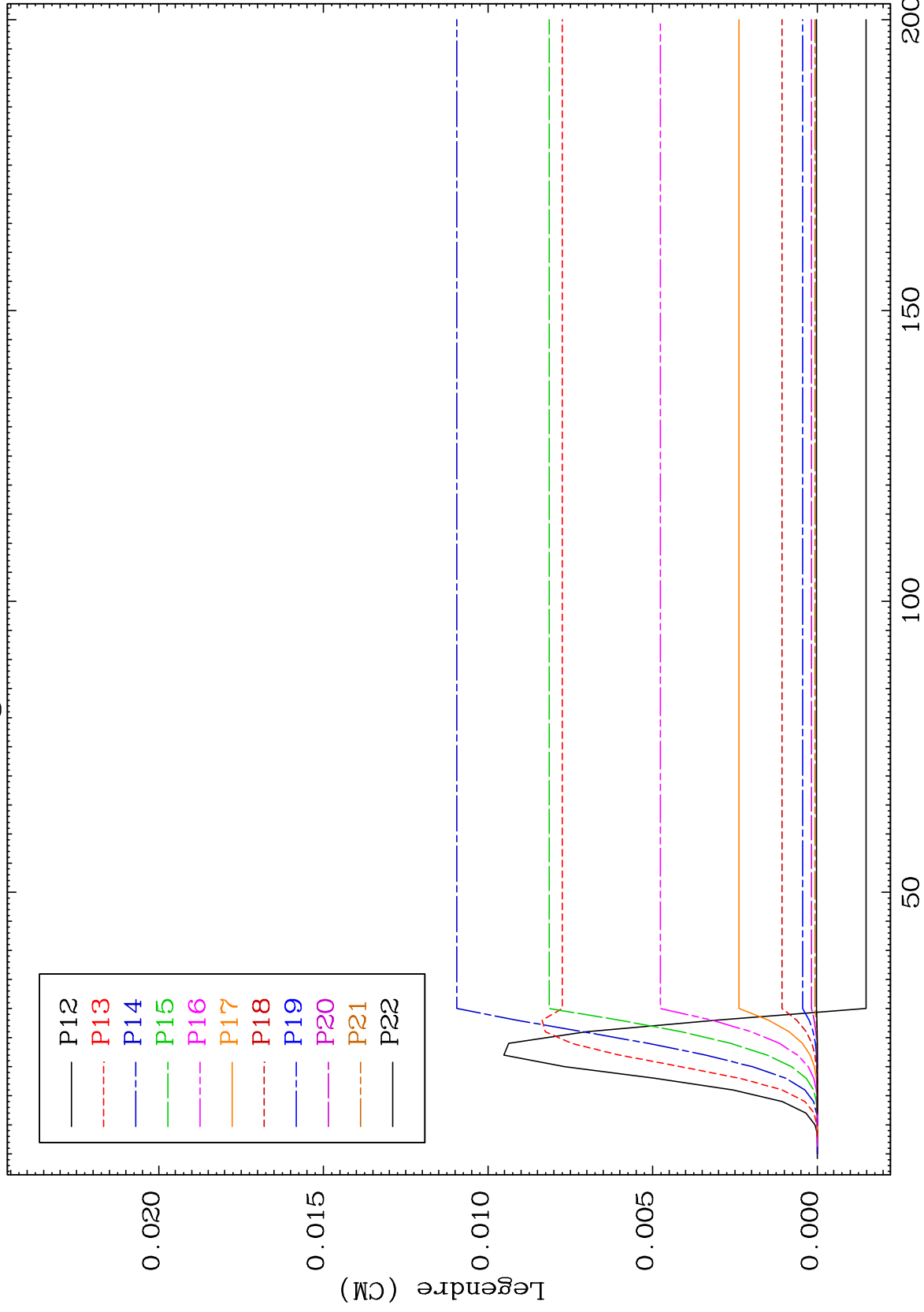
27-Co-55



MAT 2713

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

27-Co-55



40

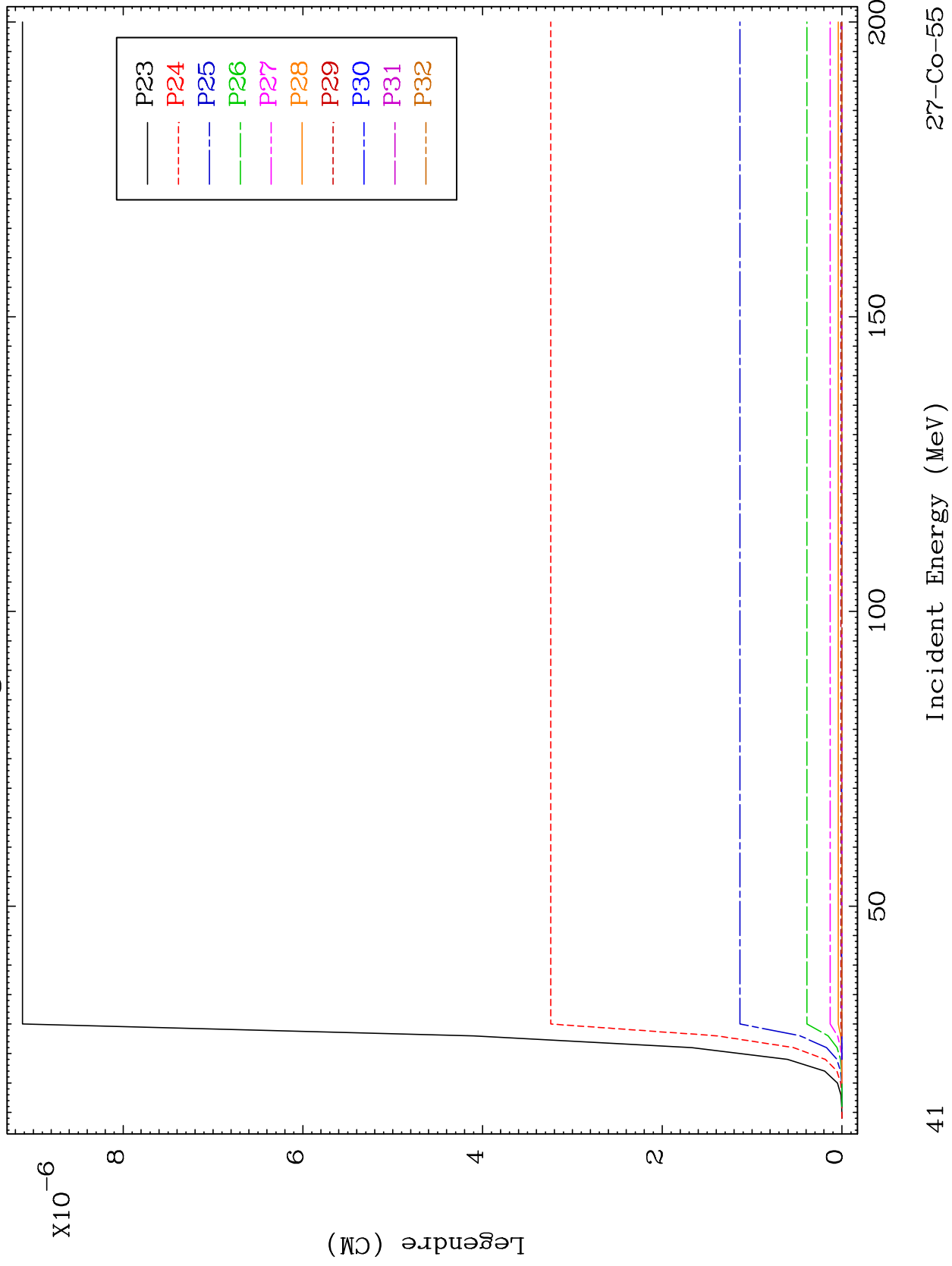
Incident Energy (MeV)

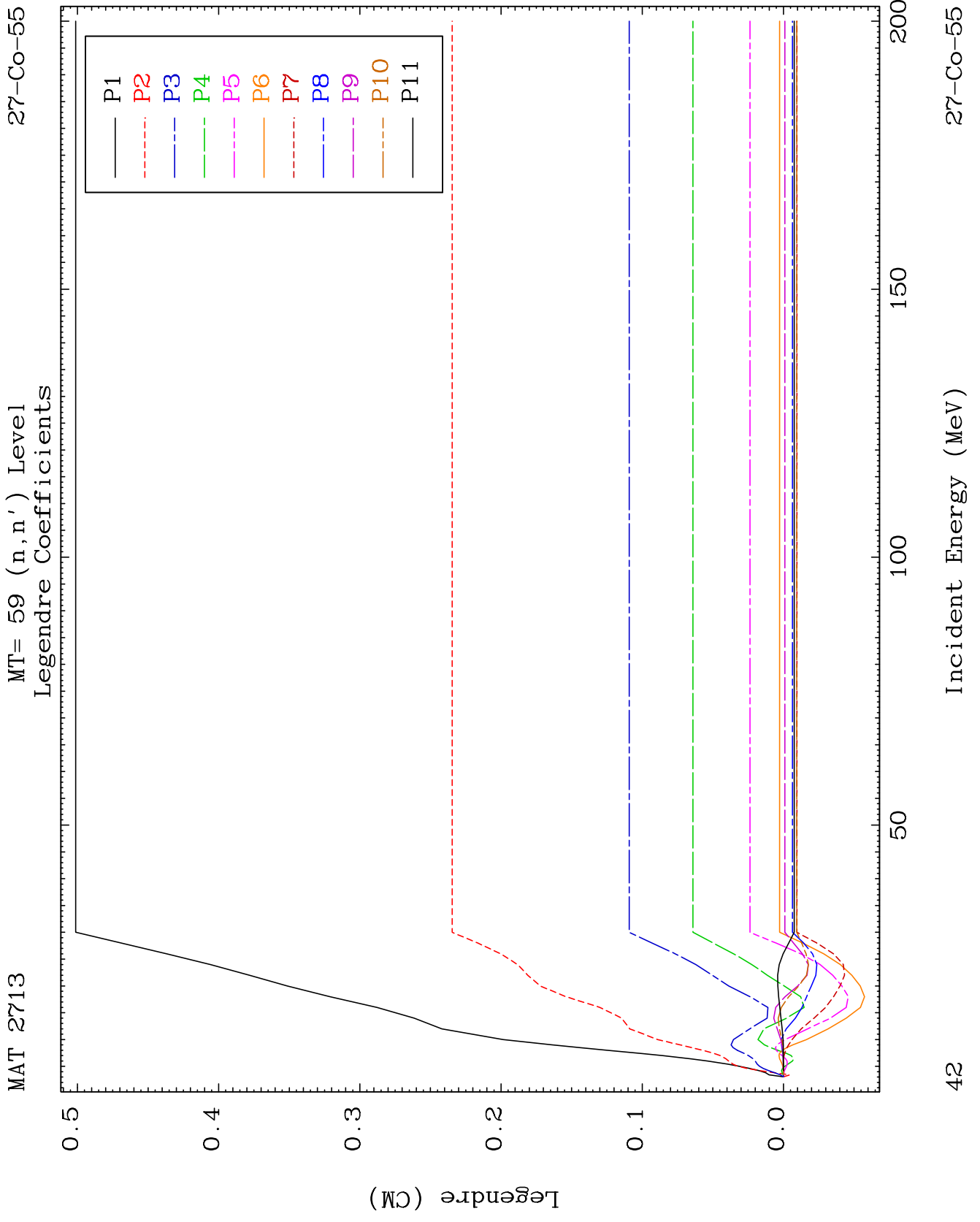
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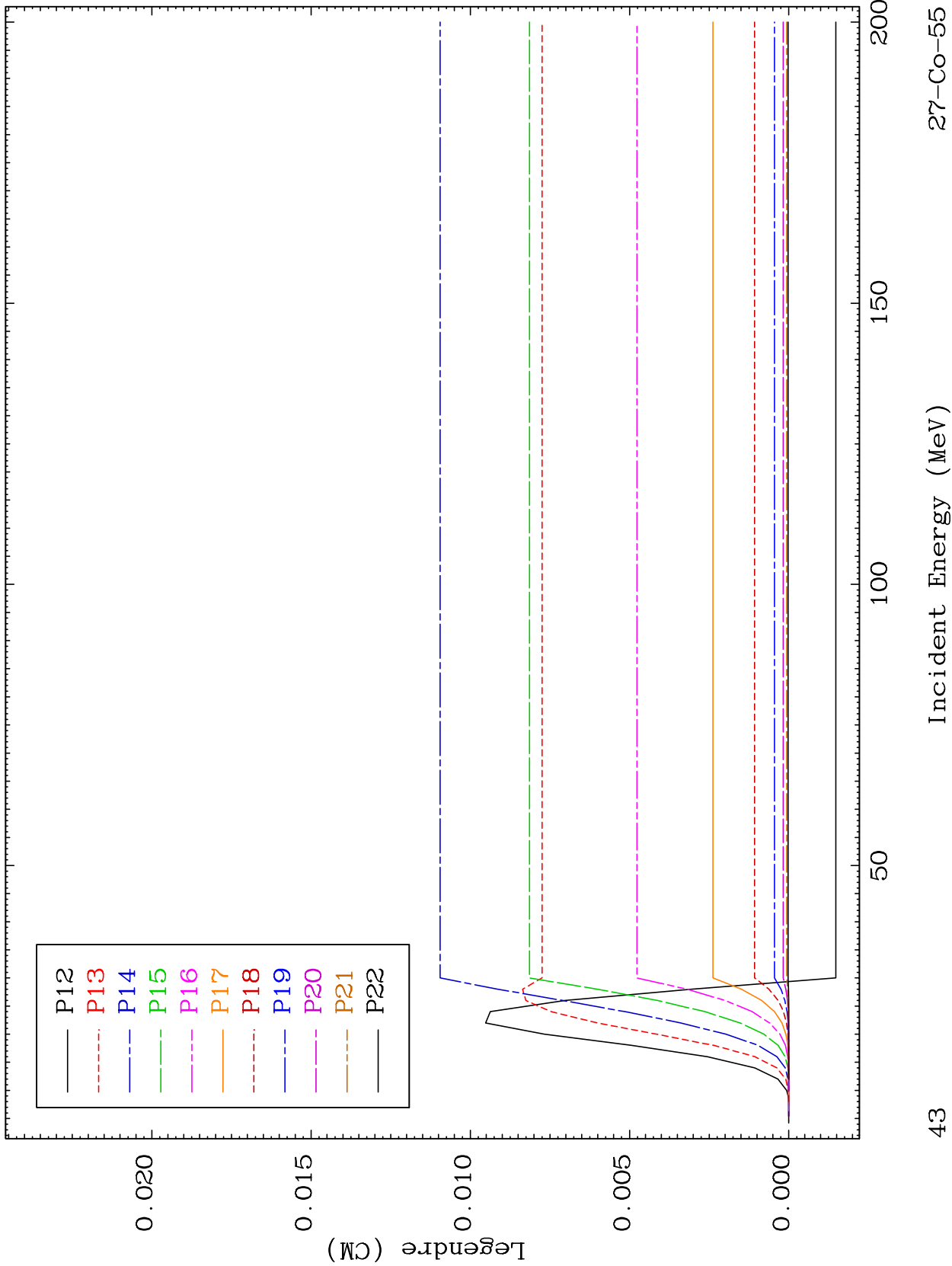
MAT 2713

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

27-Co-55



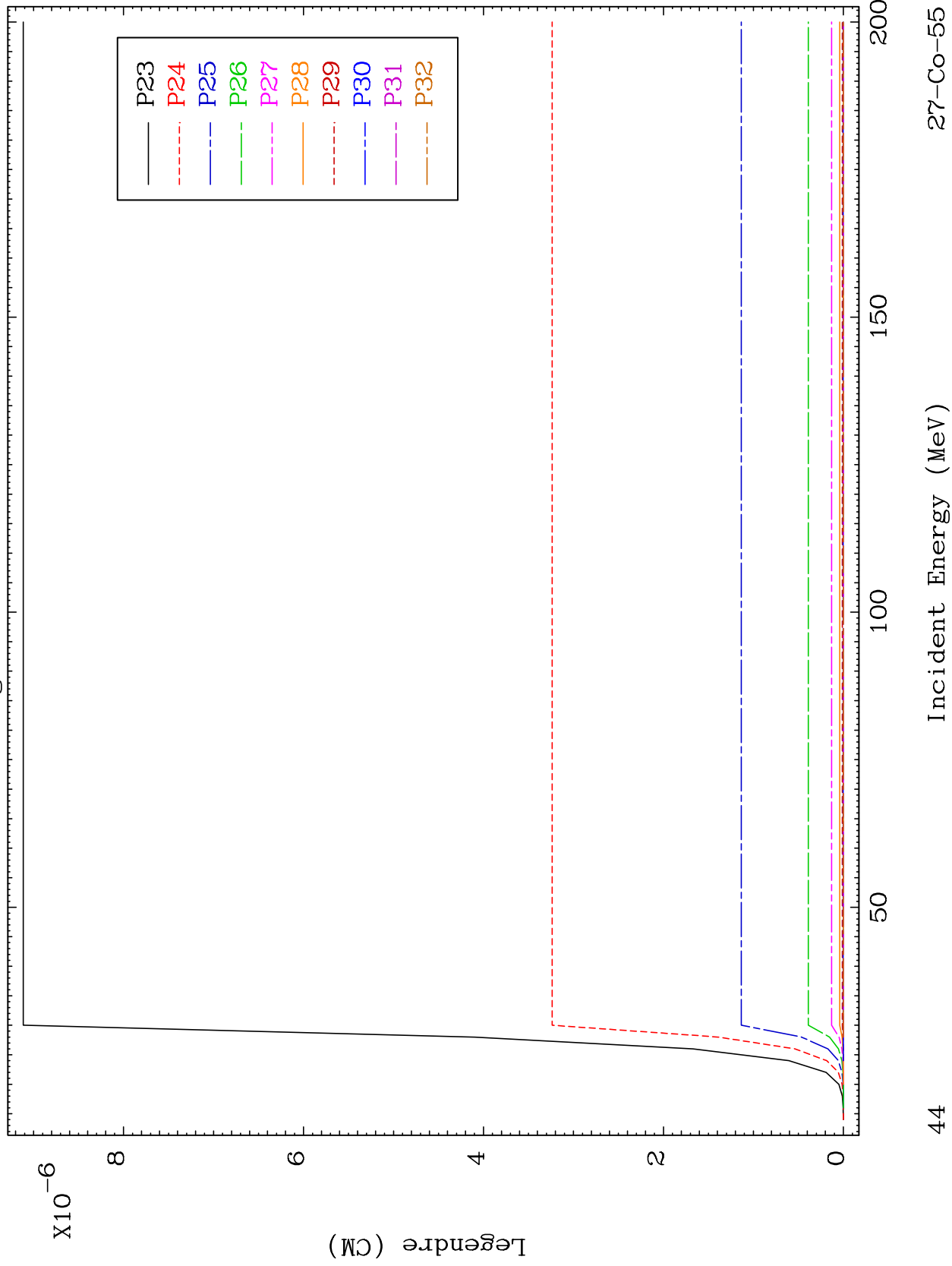


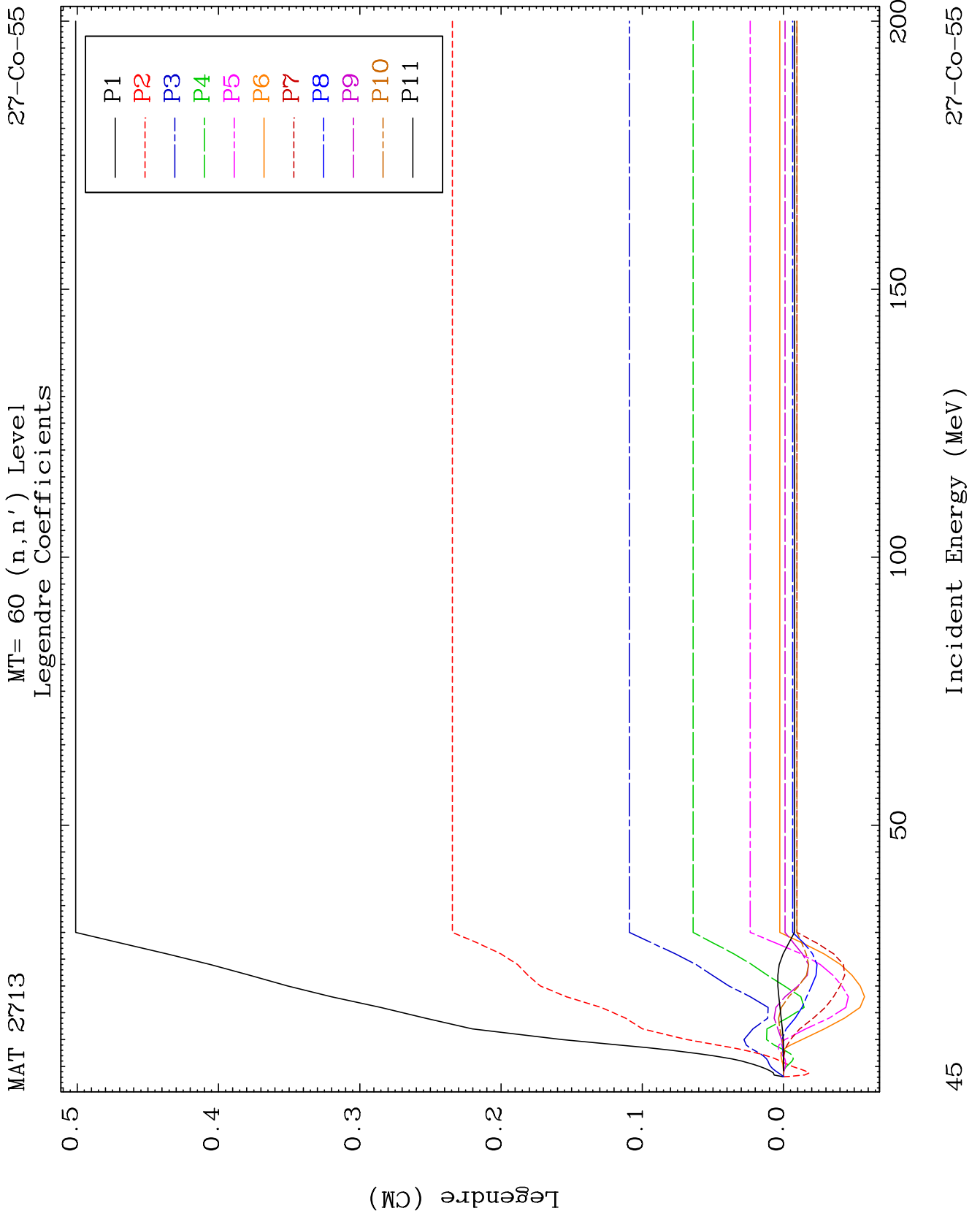


MAT 2713

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

27-Co-55

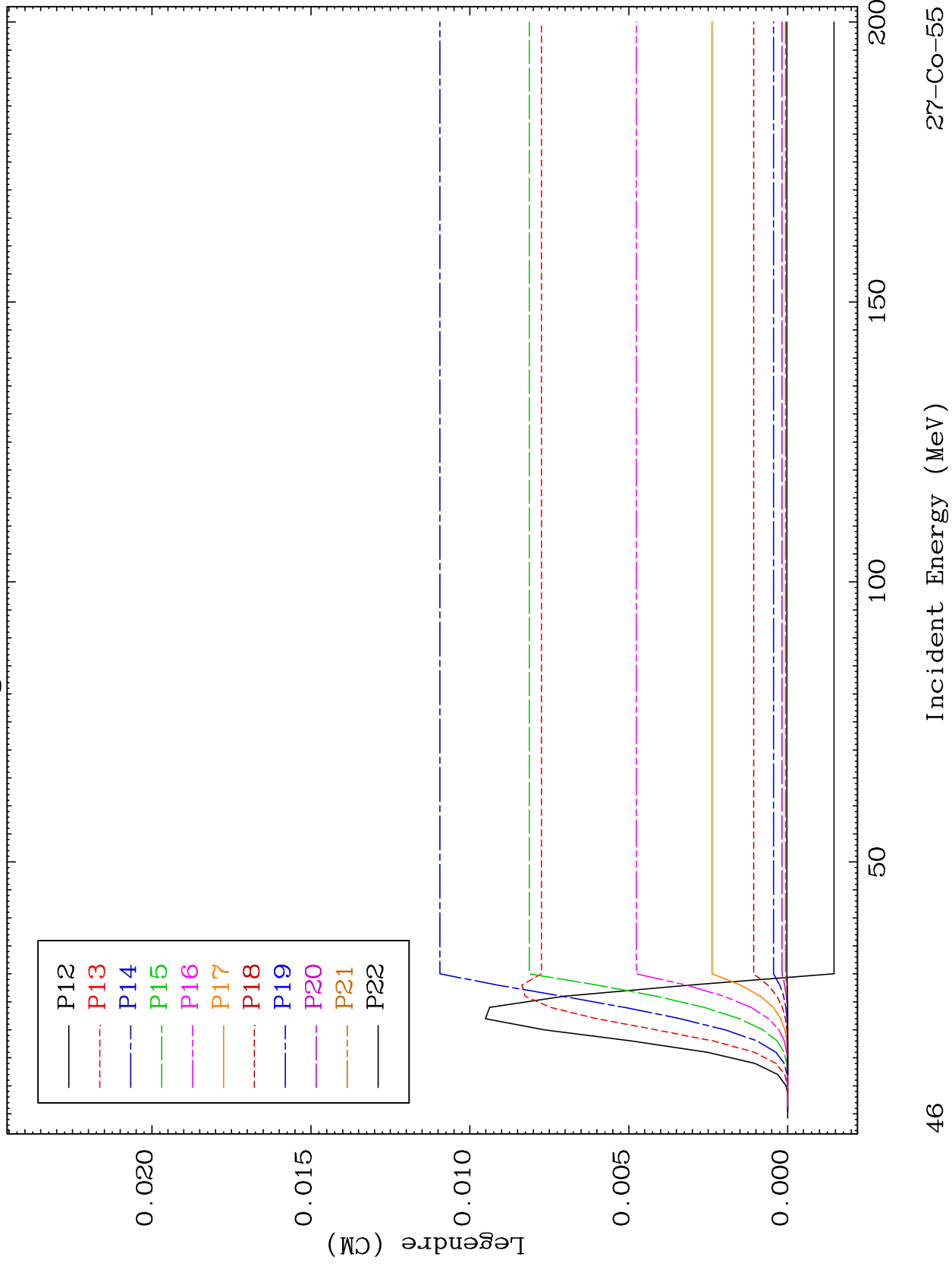




MAT 2713

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

27-Co-55



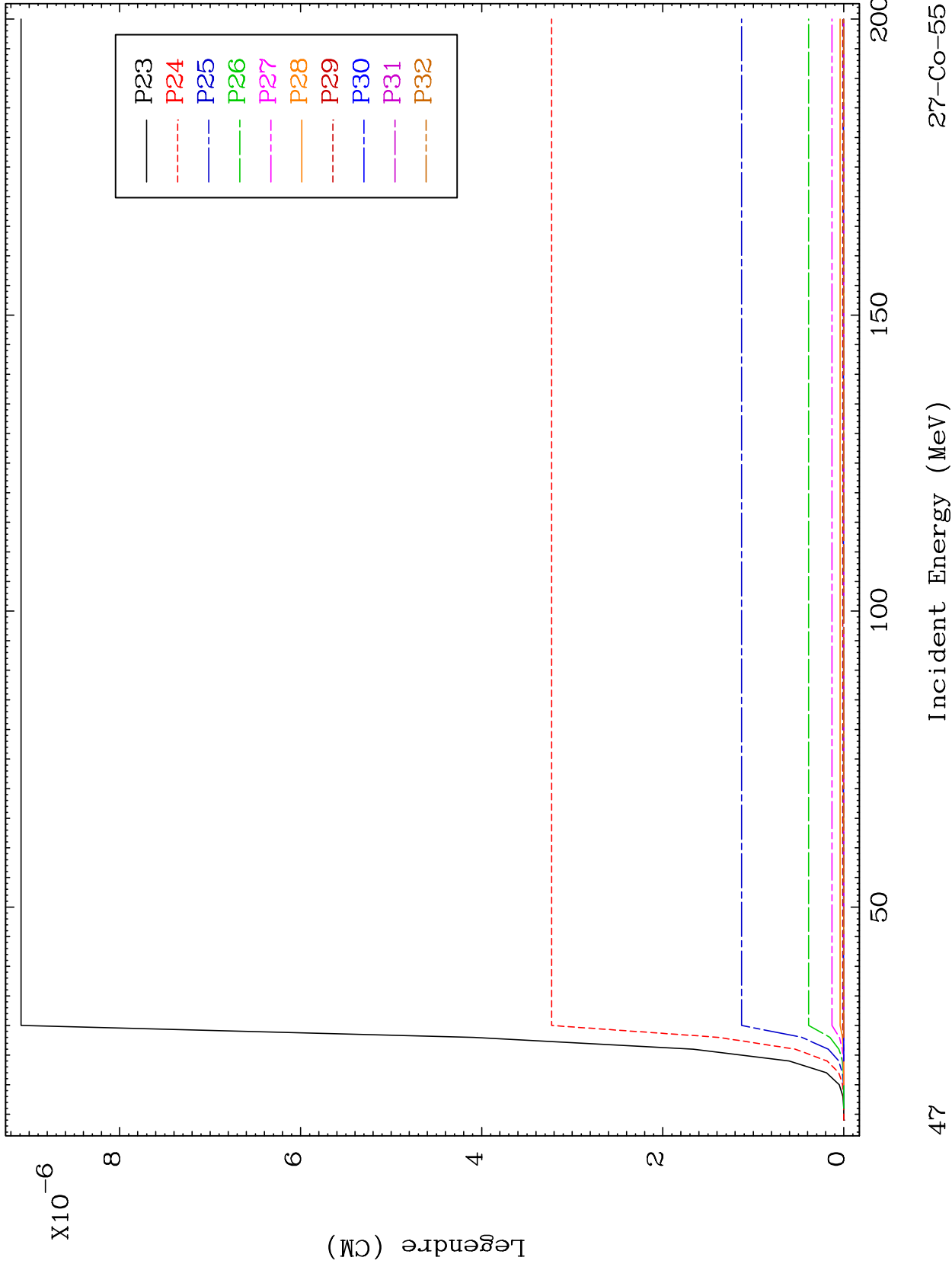
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27-Co-55

MAT 2713

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

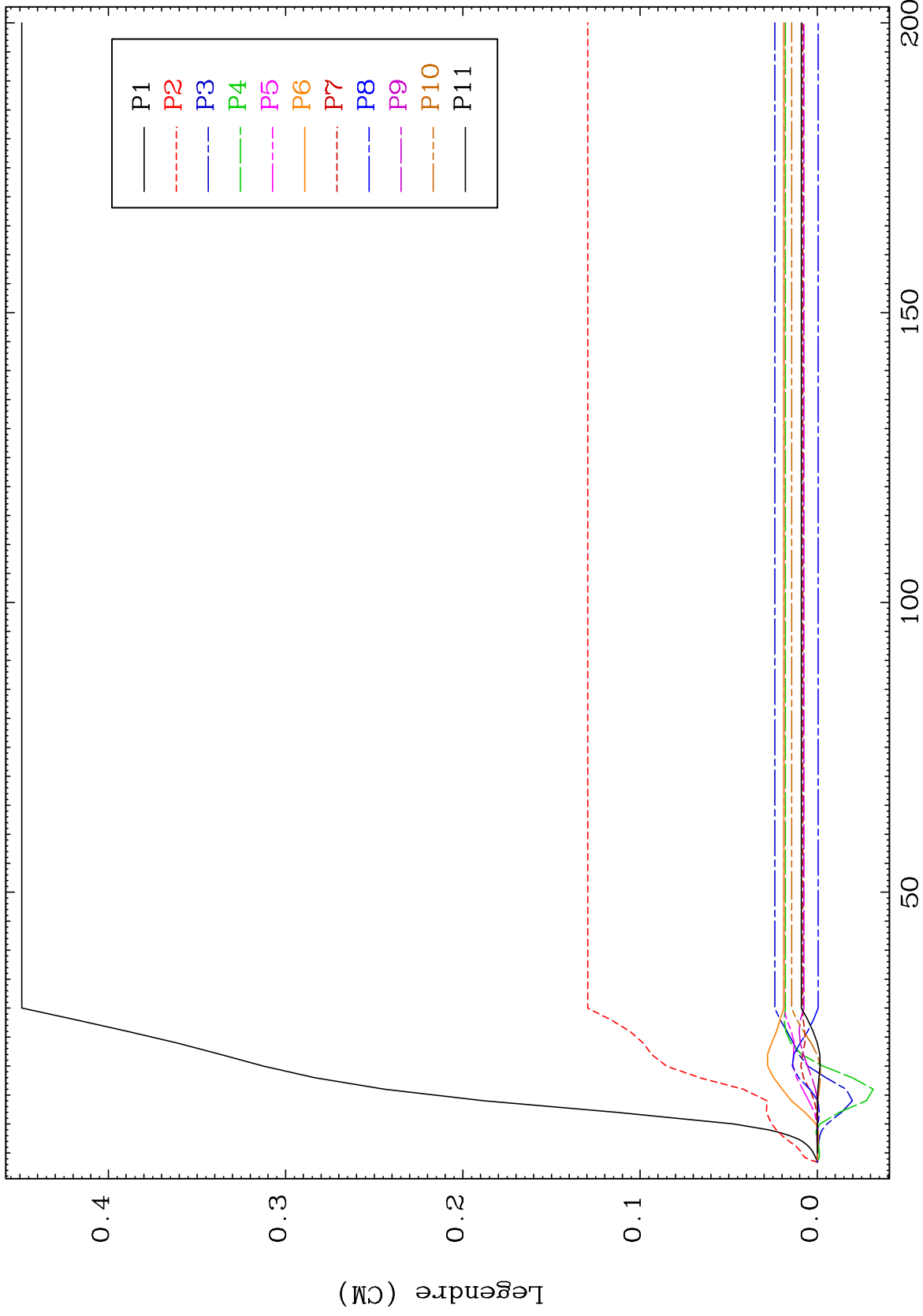
27-Co-55



MAT 2713

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

27-Co-55



48

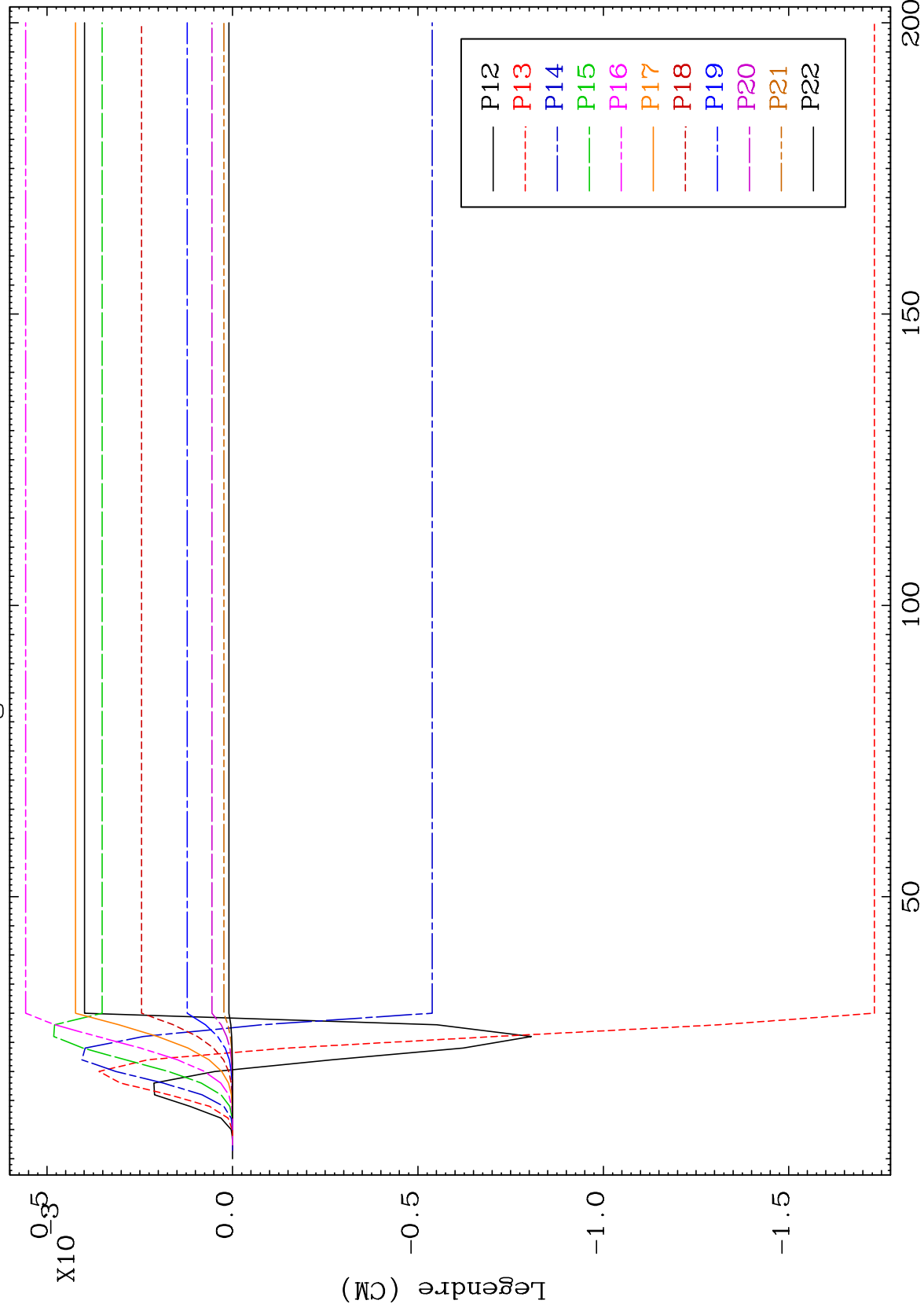
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



49

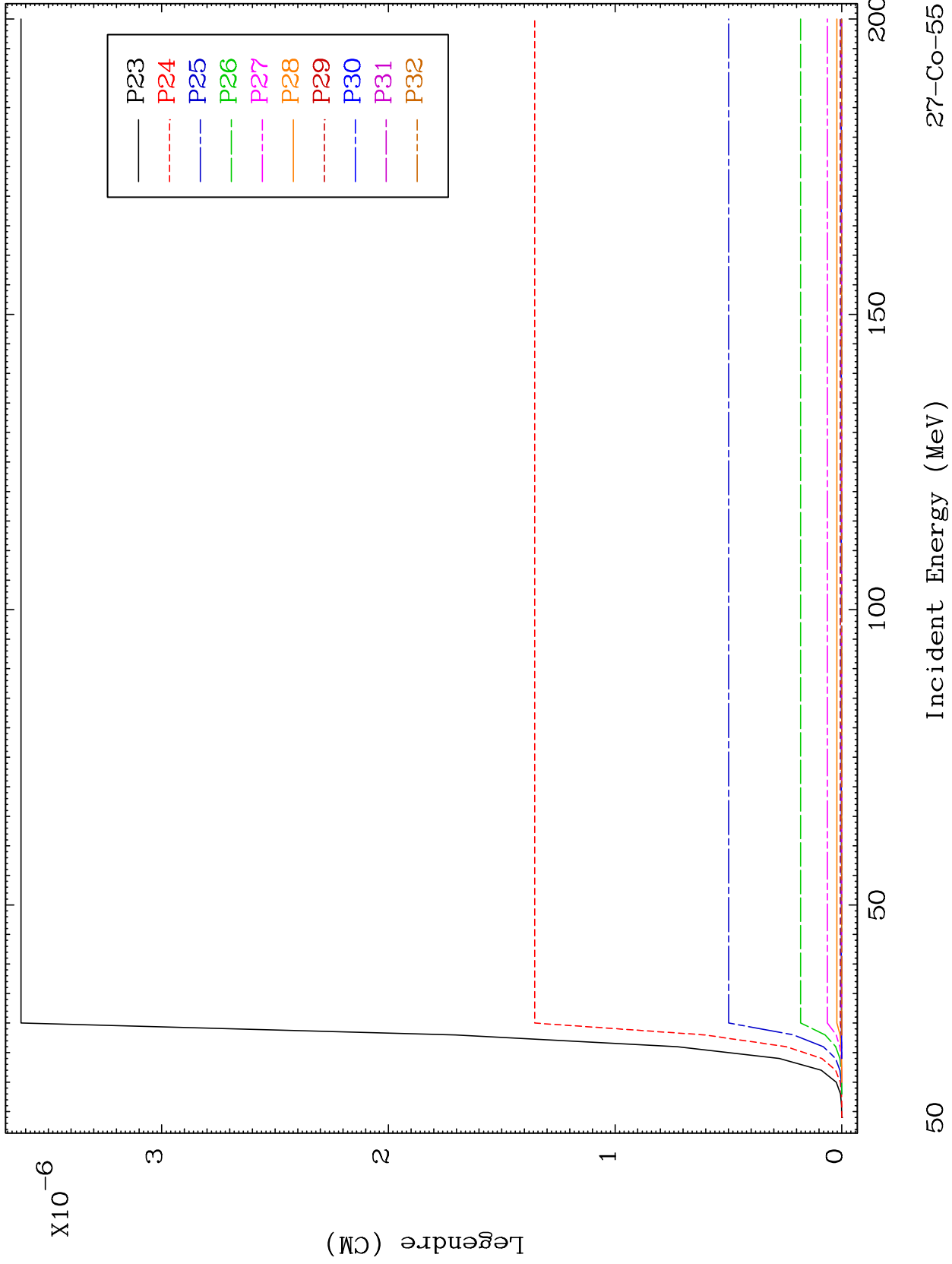
Incident Energy (MeV)

27-Co-55

MAT 2713

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

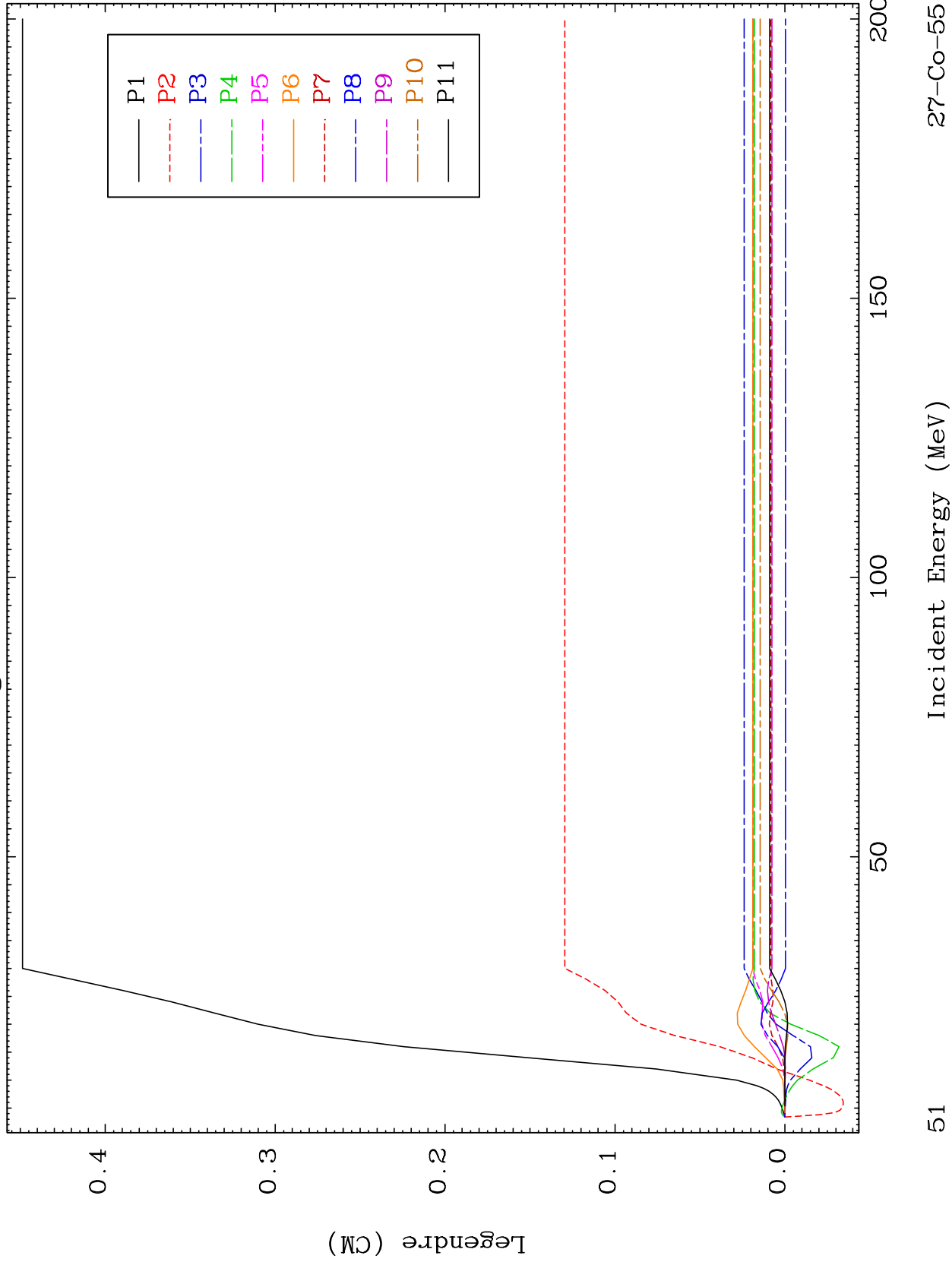
27-Co-55



MAT 2713

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

27-Co-55



51

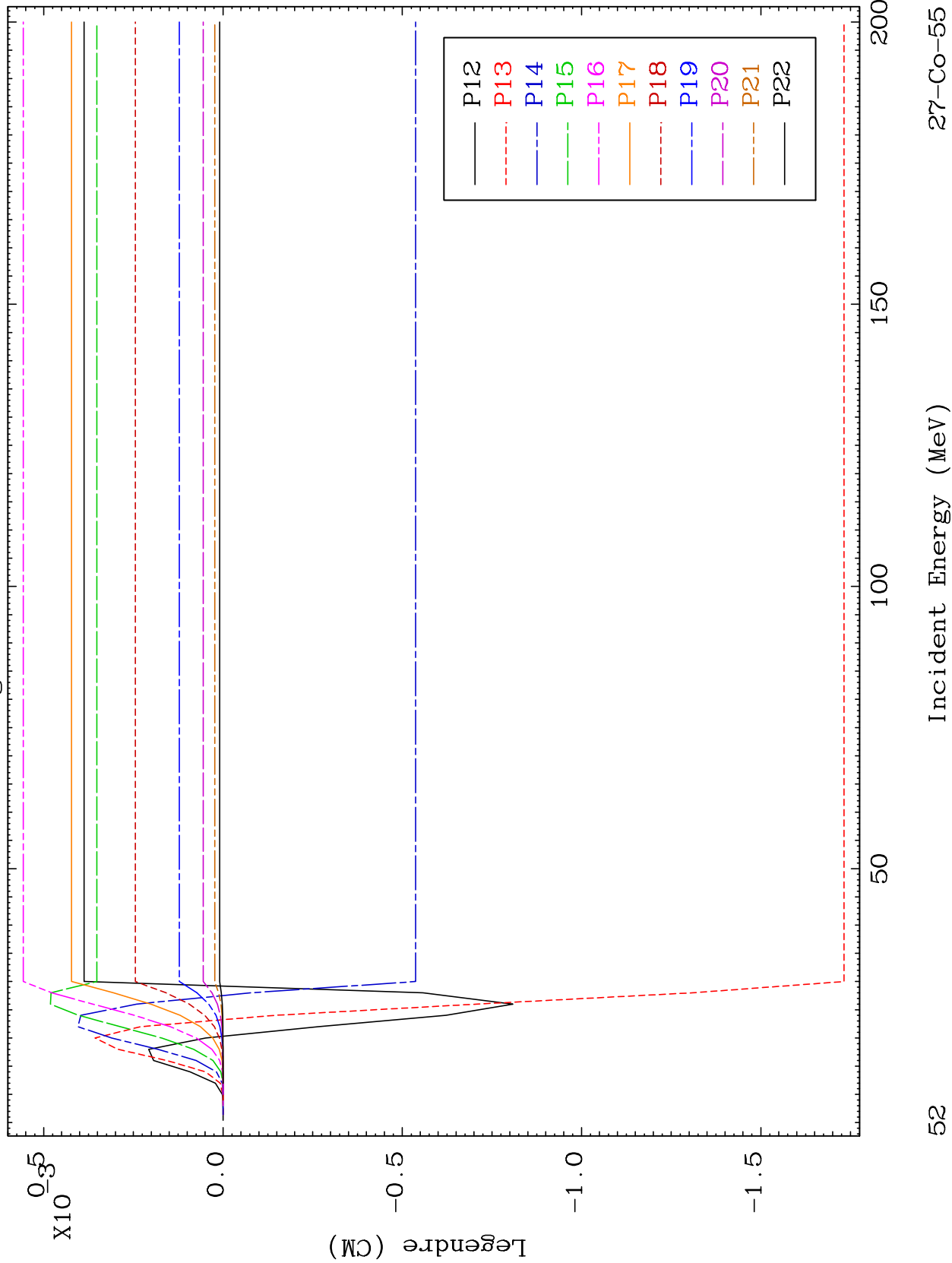
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



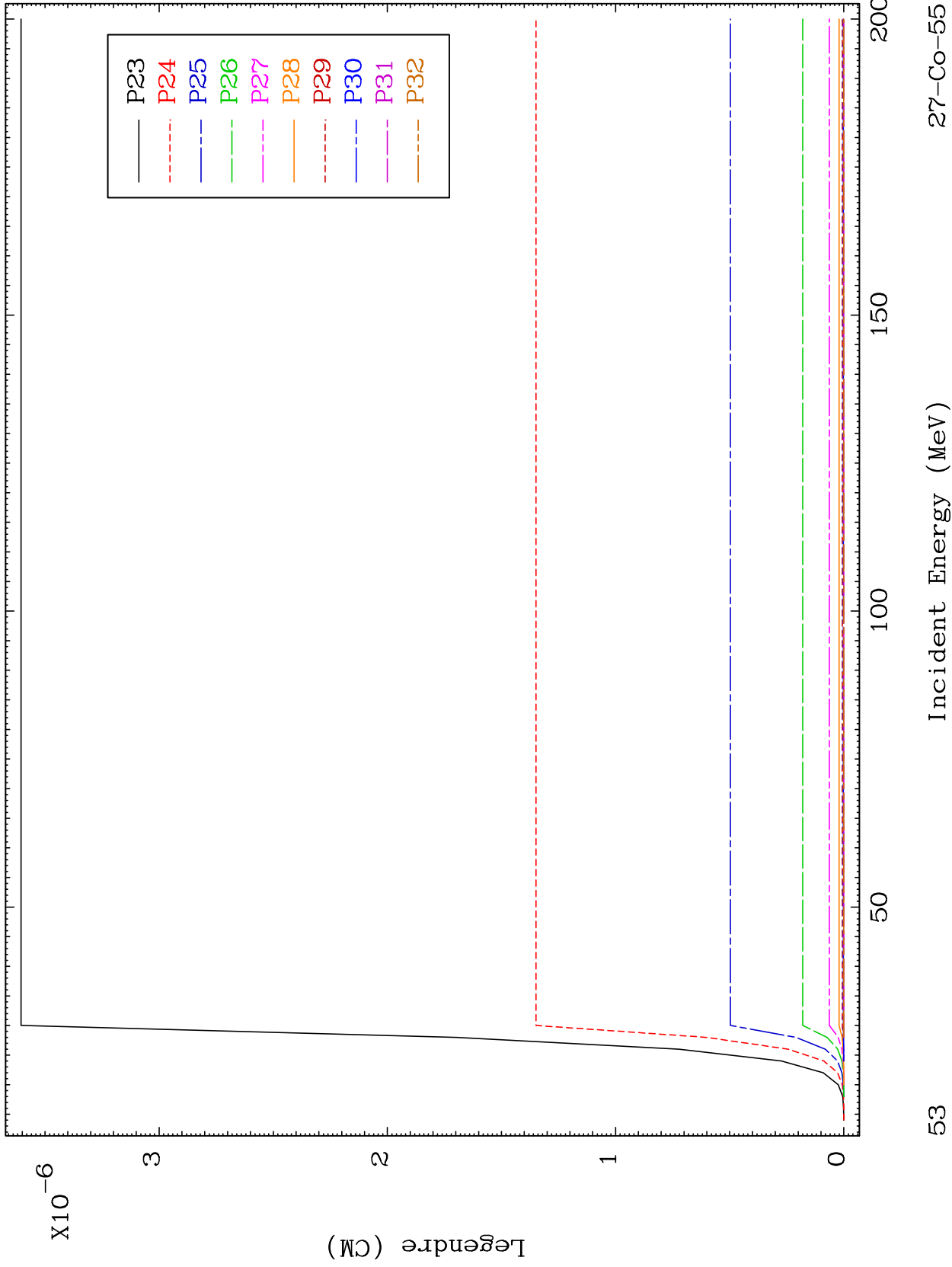
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27-Co-55

MAT 2713

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

27-Co-55



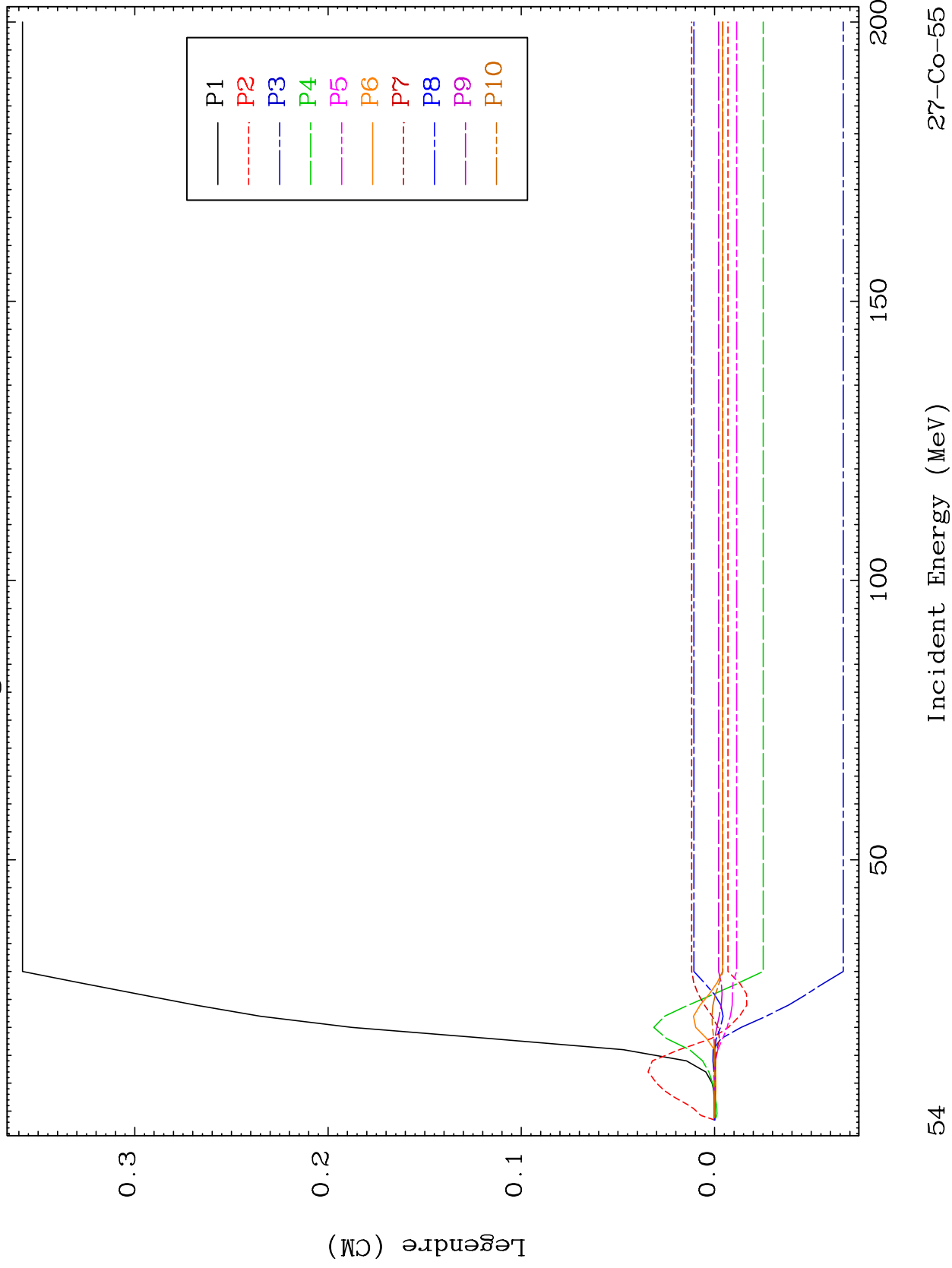
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27-Co-55

MAT 2713

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

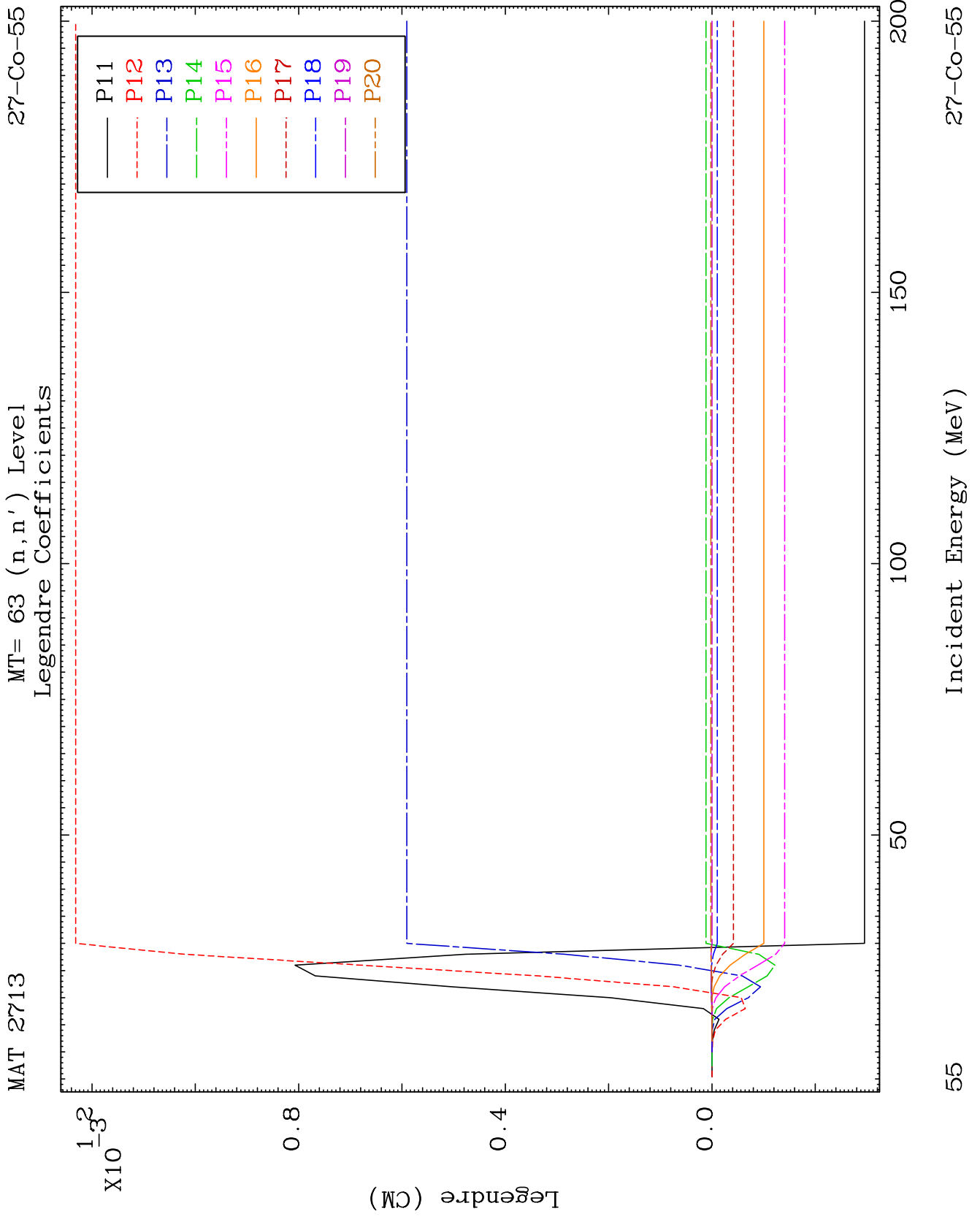
27-Co-55



54

Incident Energy (MeV)

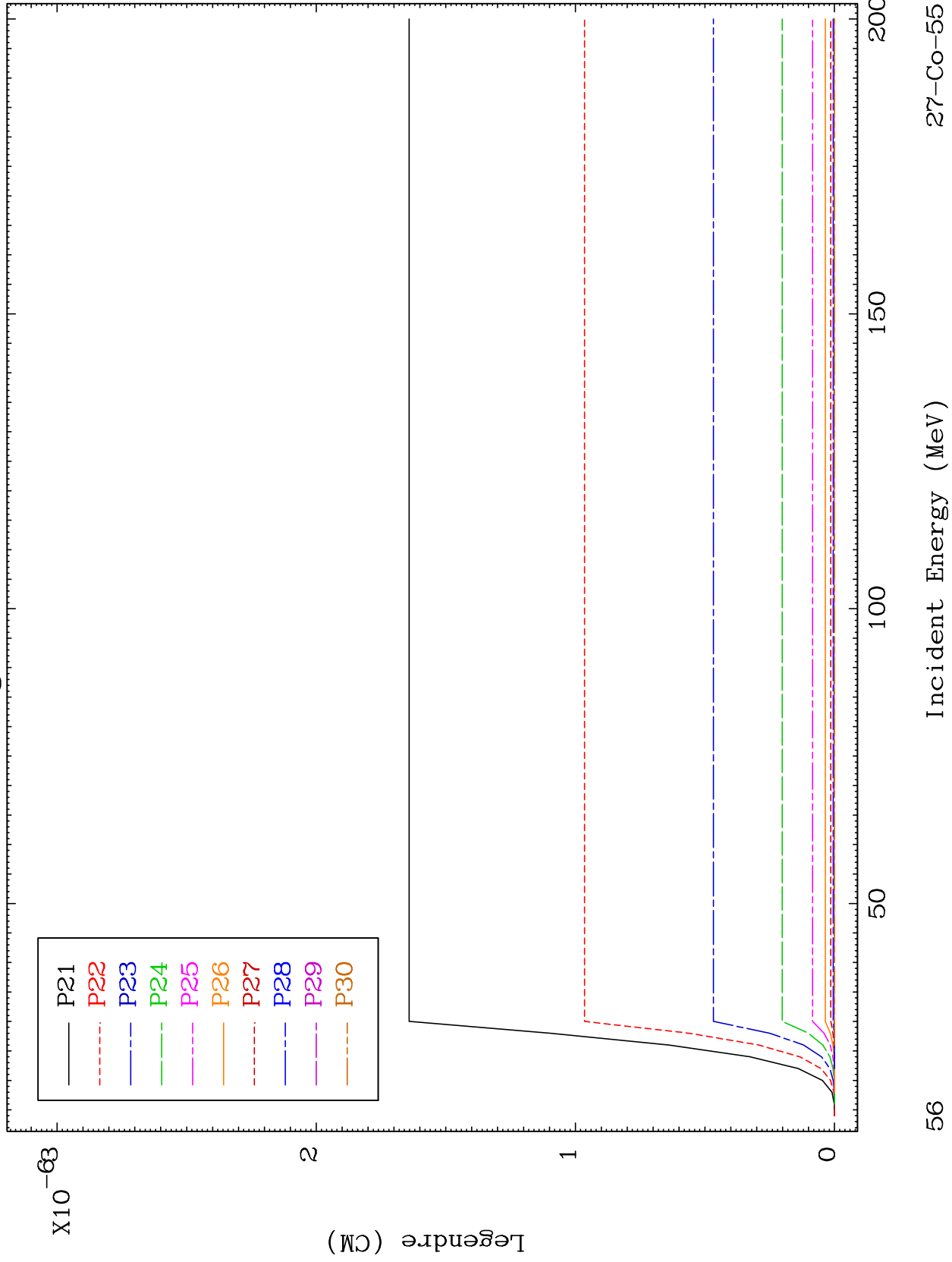
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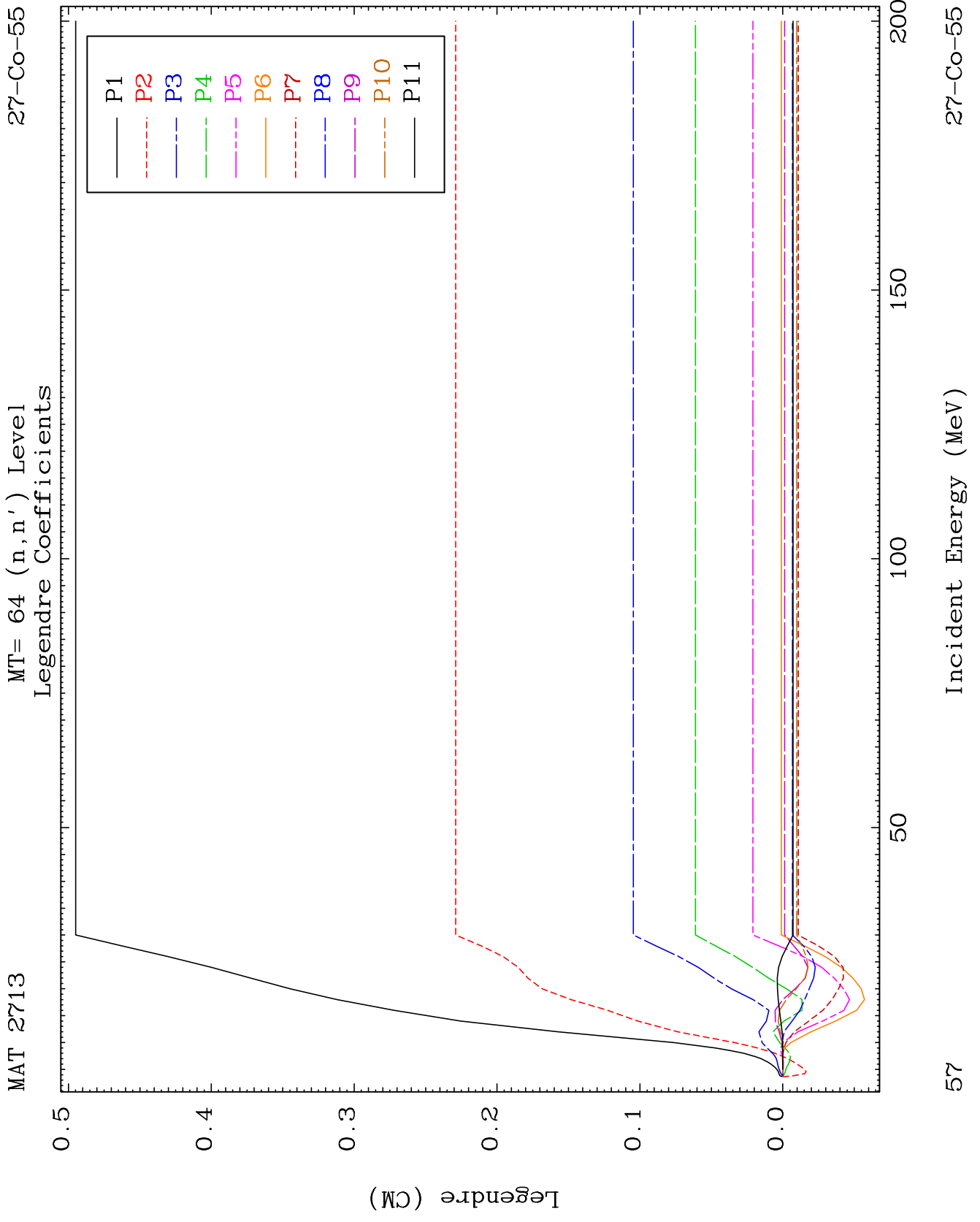


MAT 2713

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

27-Co-55

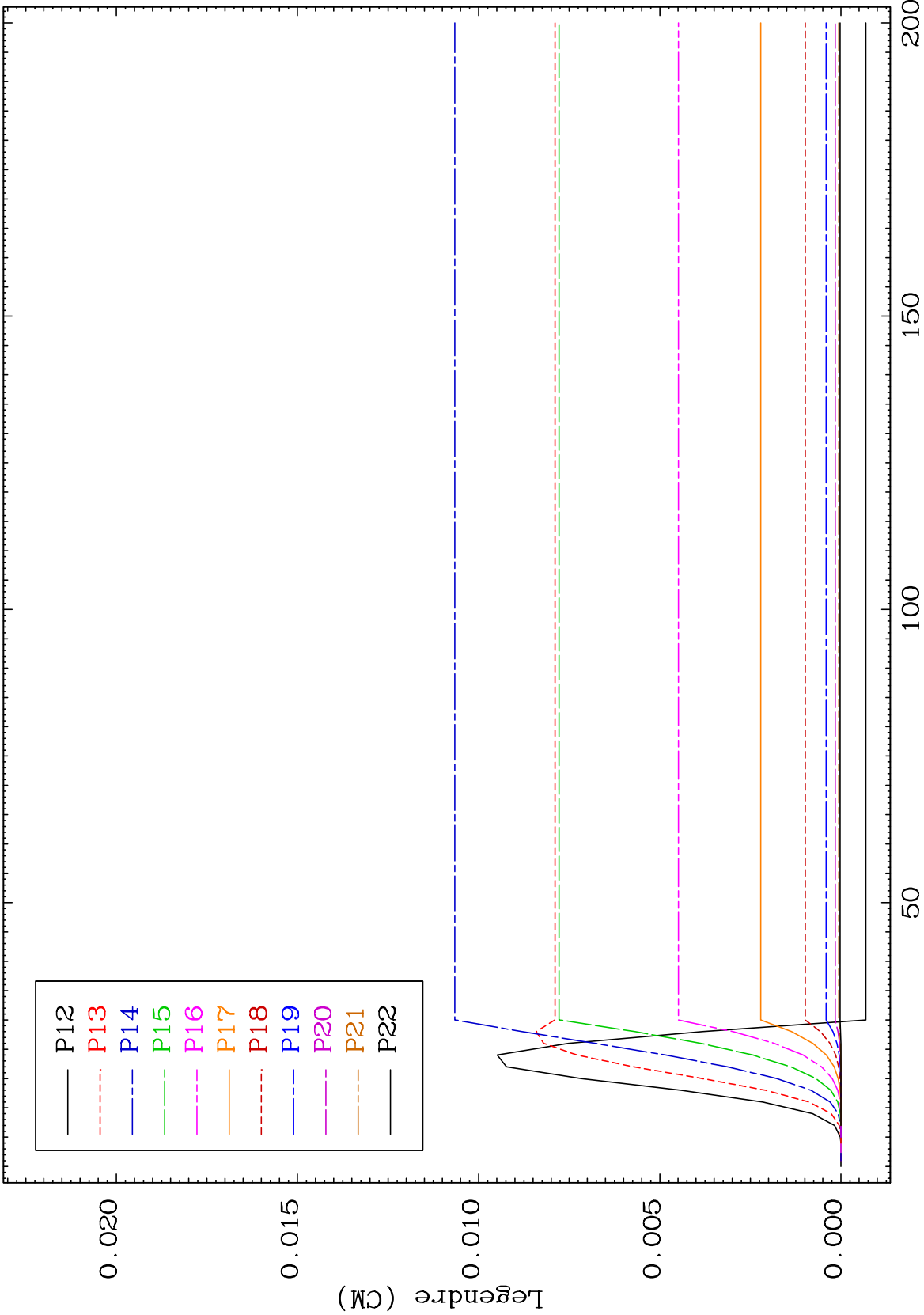




MAT 2713

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

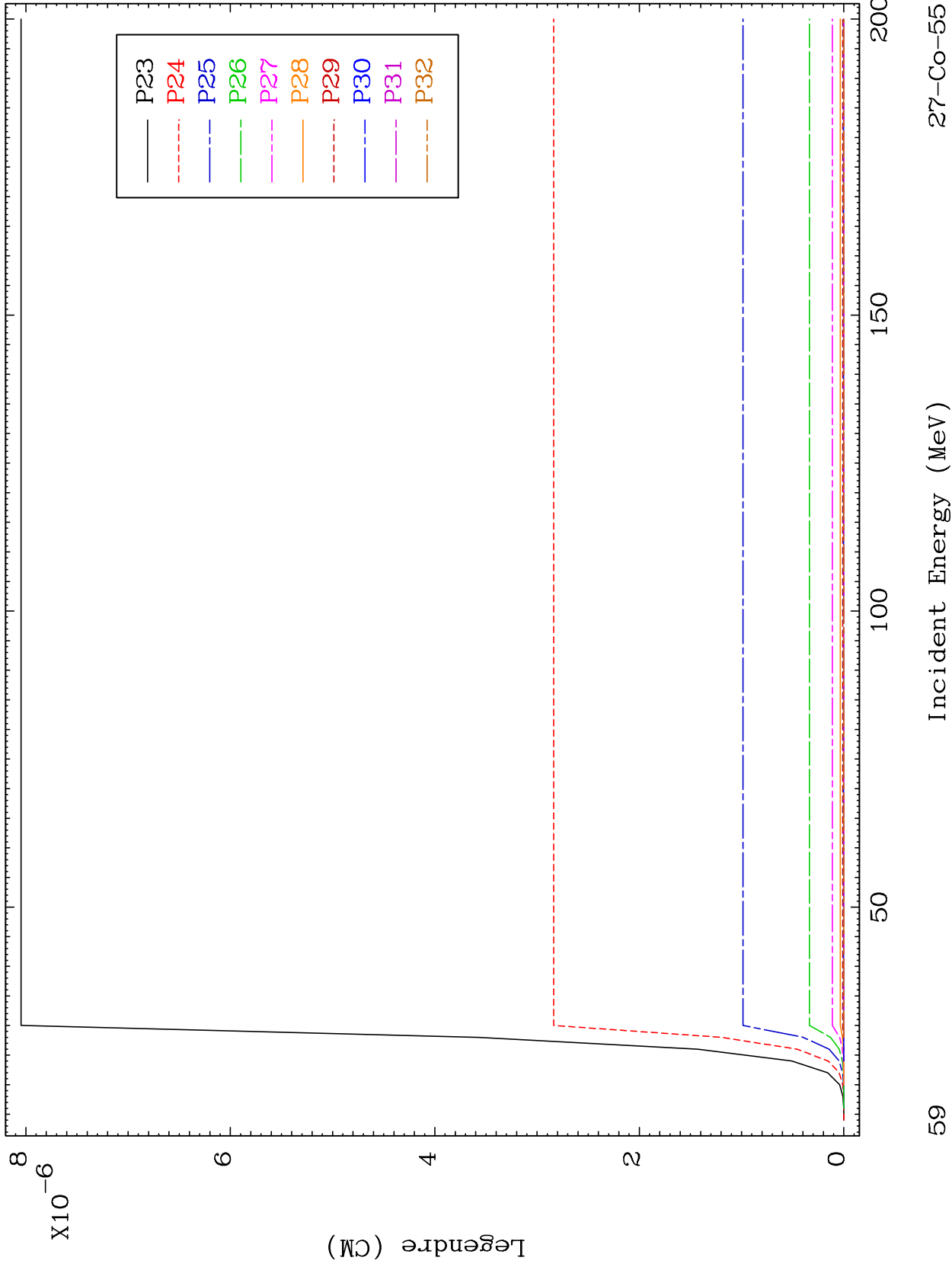
27-Co-55



MAT 2713

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

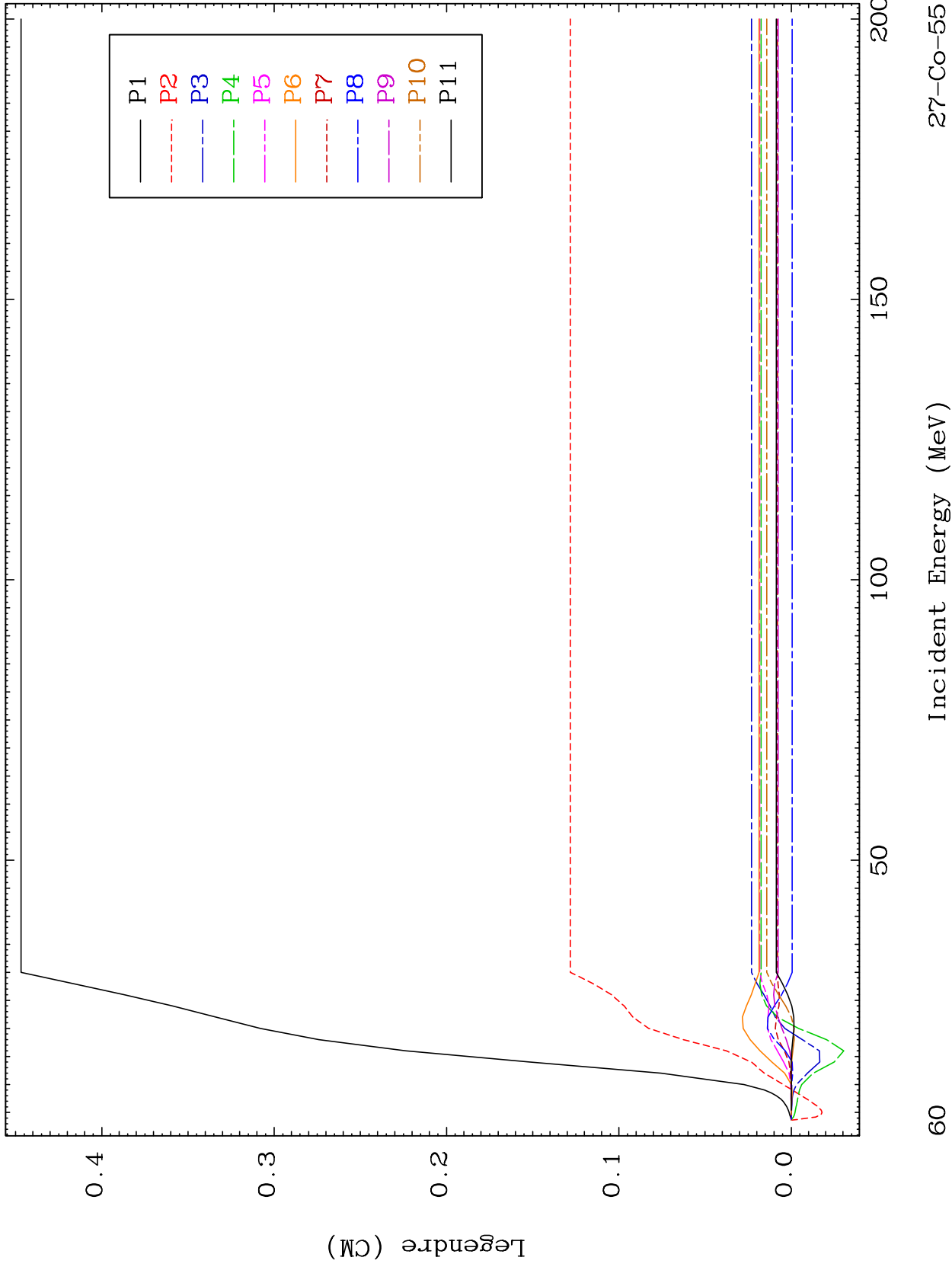
27-Co-55



MAT 2713

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

27-Co-55



27-Co-55

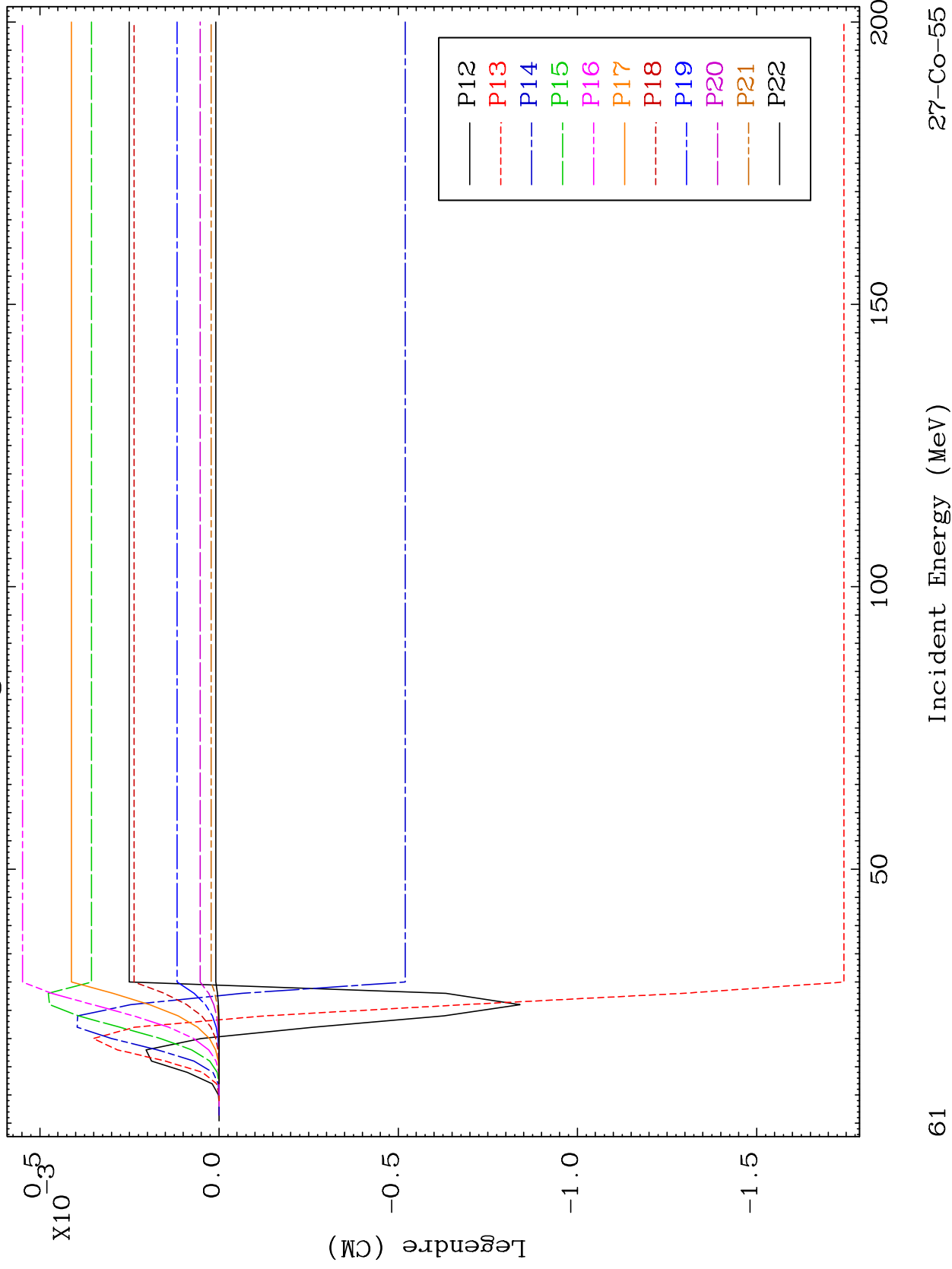
Incident Energy (MeV)

60

MAT 2713

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

27-Co-55



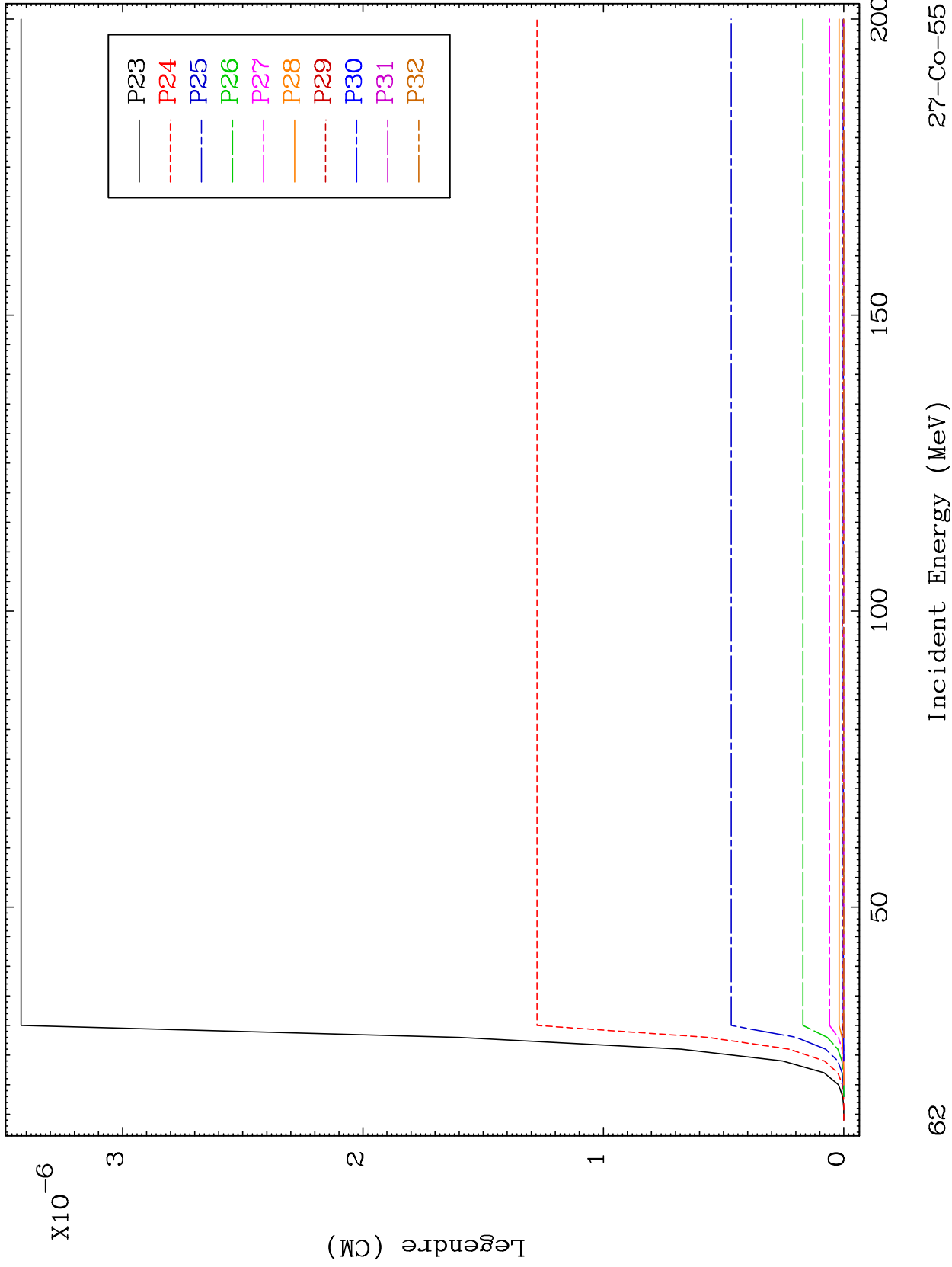
61

27-Co-55

MAT 2713

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

27-Co-55



62

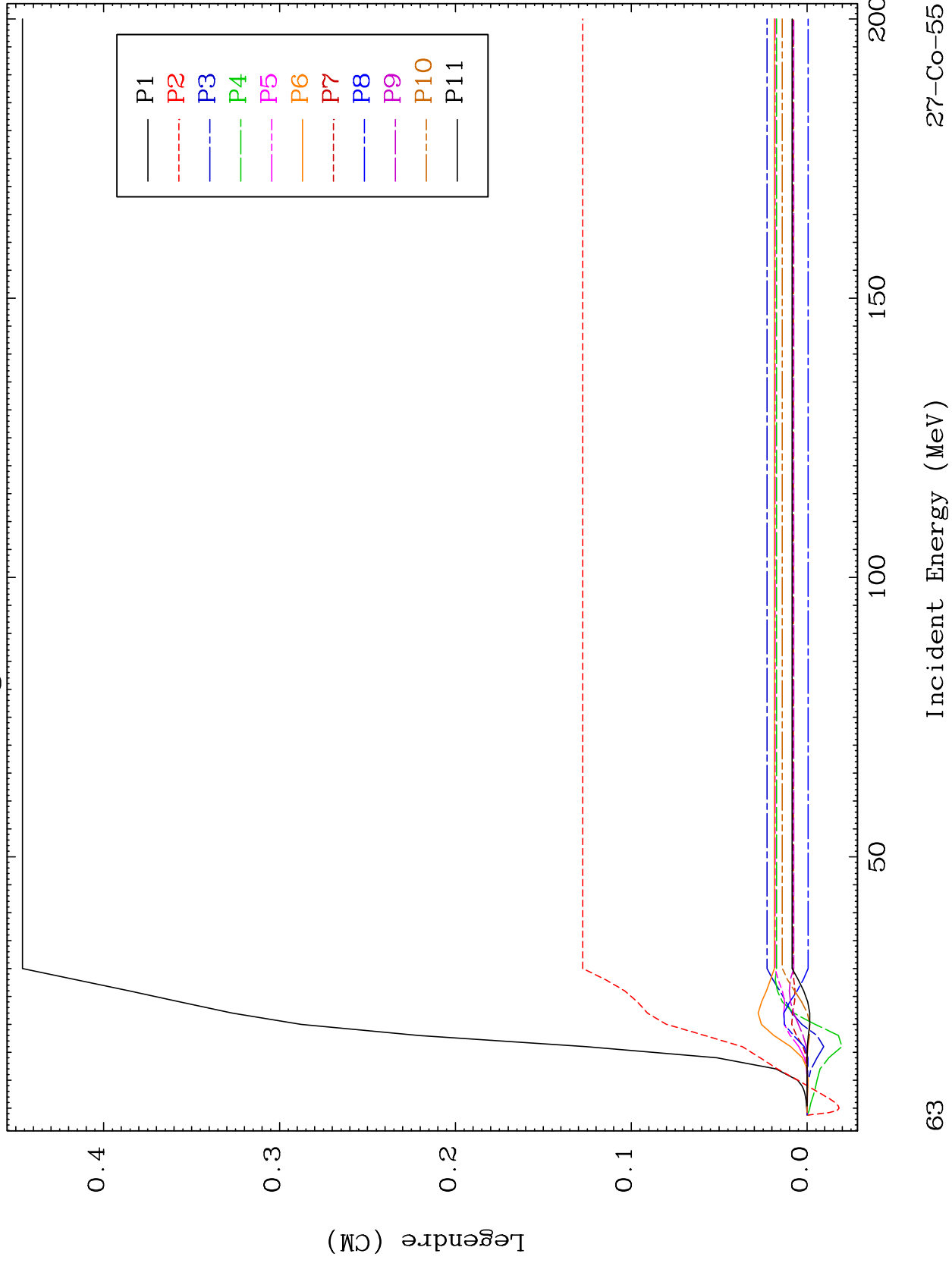
Incident Energy (MeV)

27-Co-55

MAT 2713

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

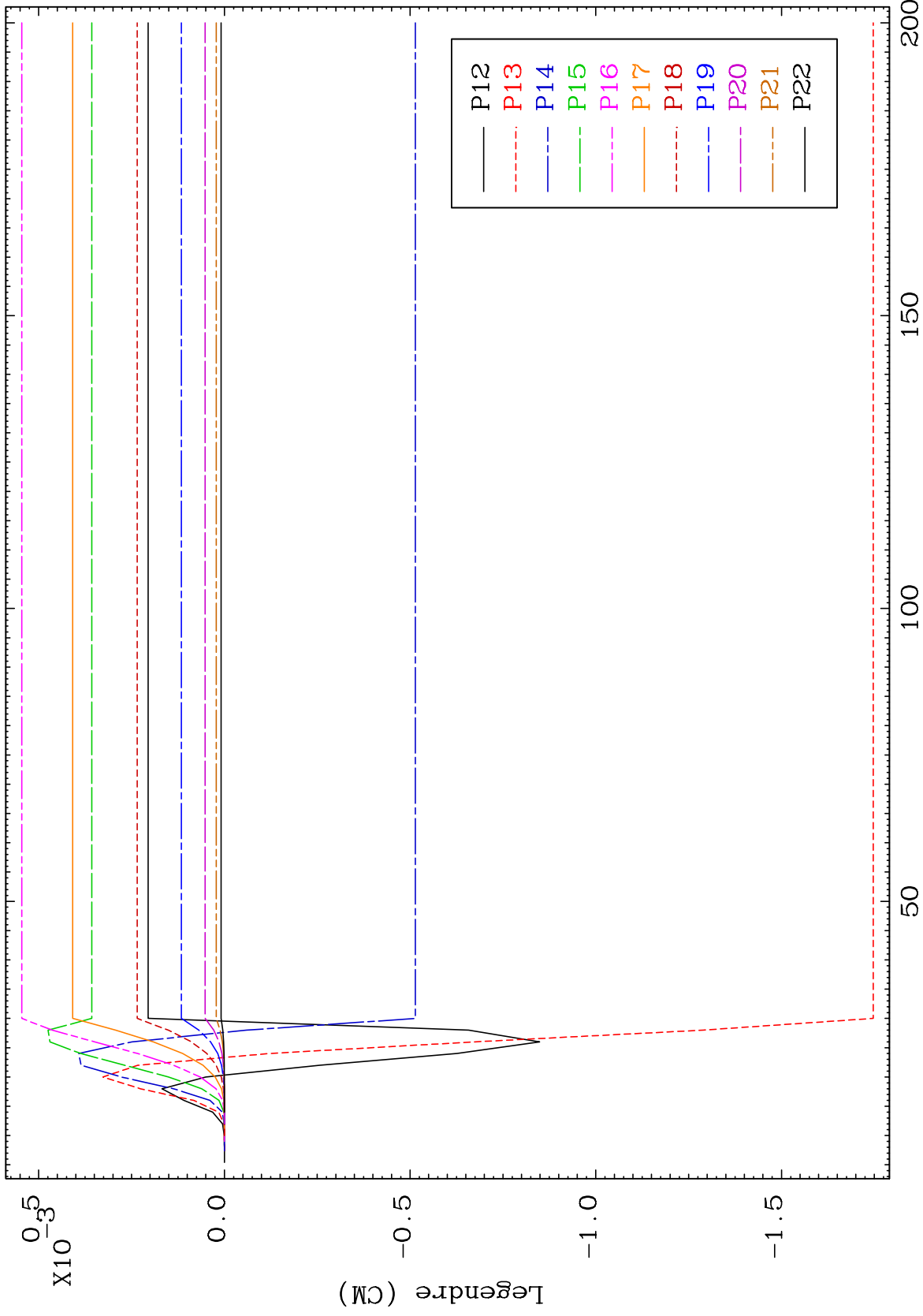
27-Co-55



MAT 2713

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

27-Co-55



64

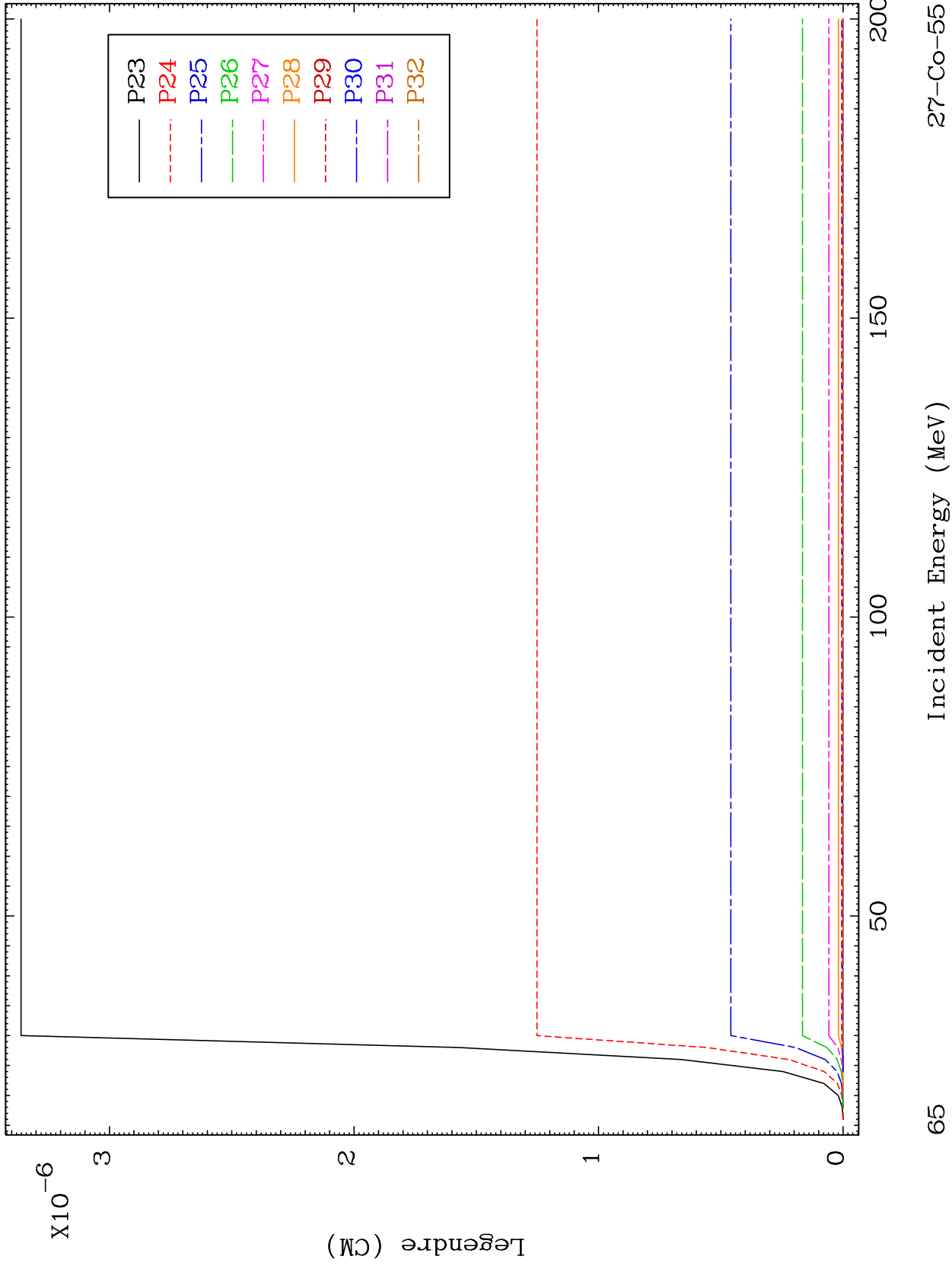
Incident Energy (MeV)

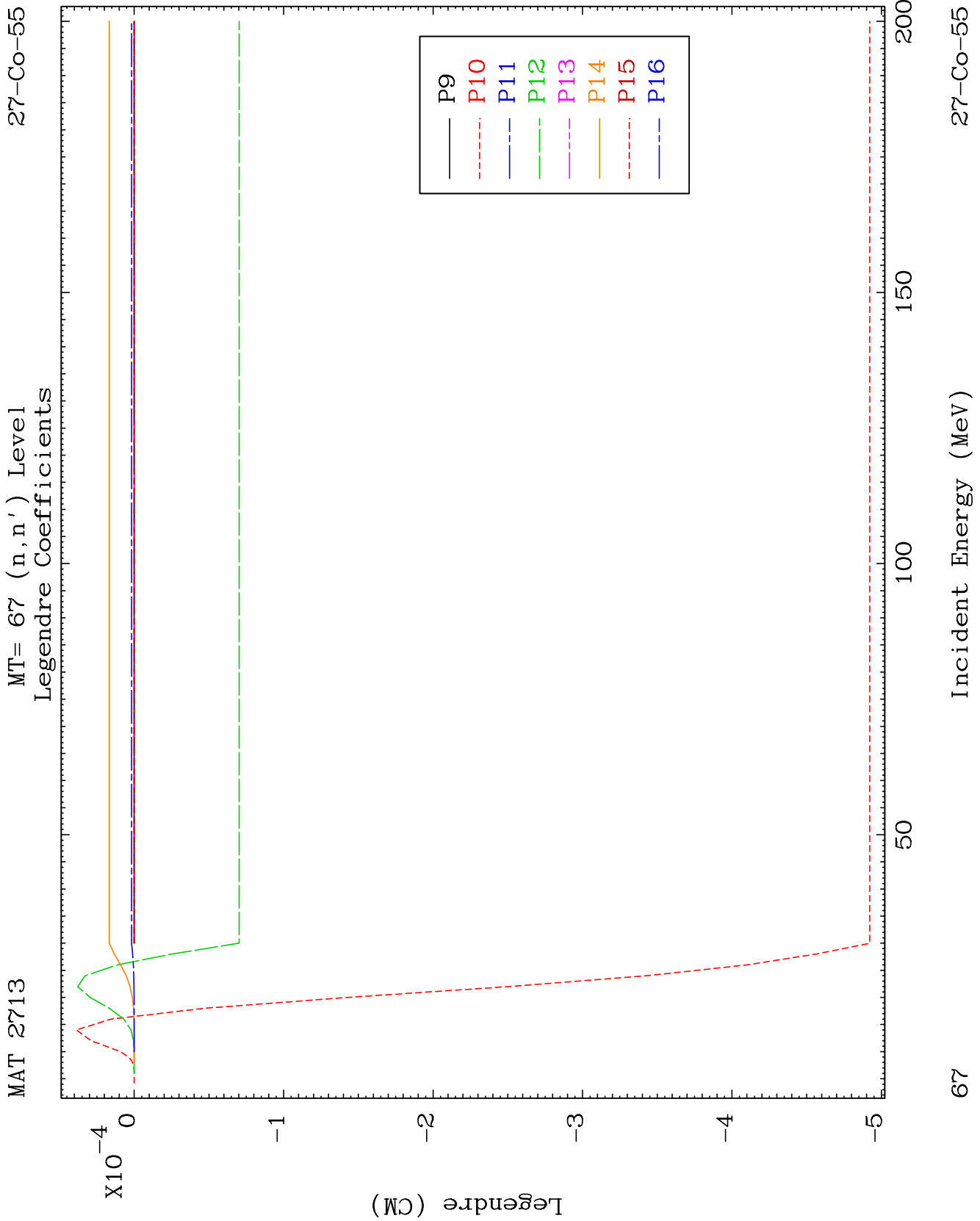
27-Co-55

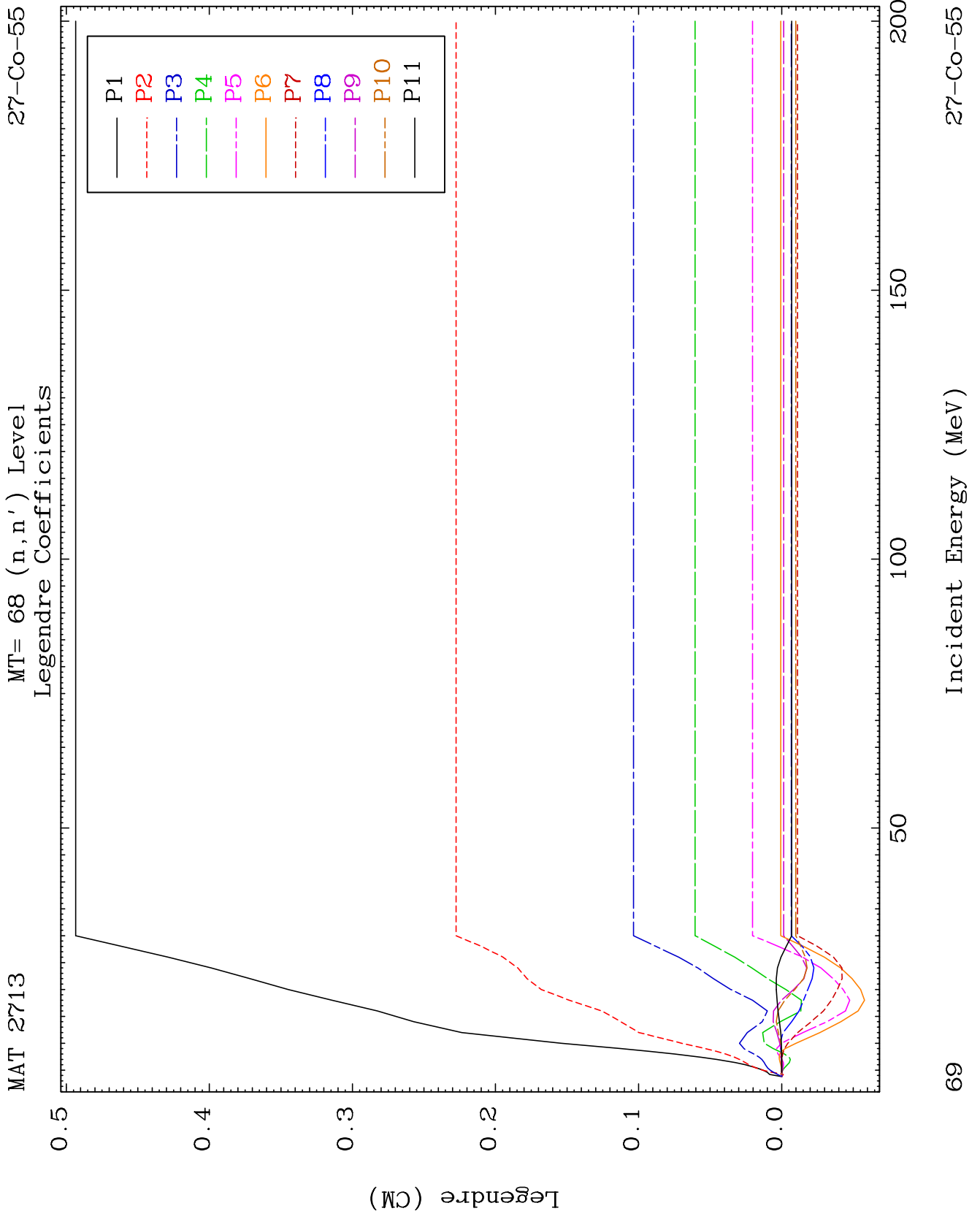
MAT 2713

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

27-Co-55



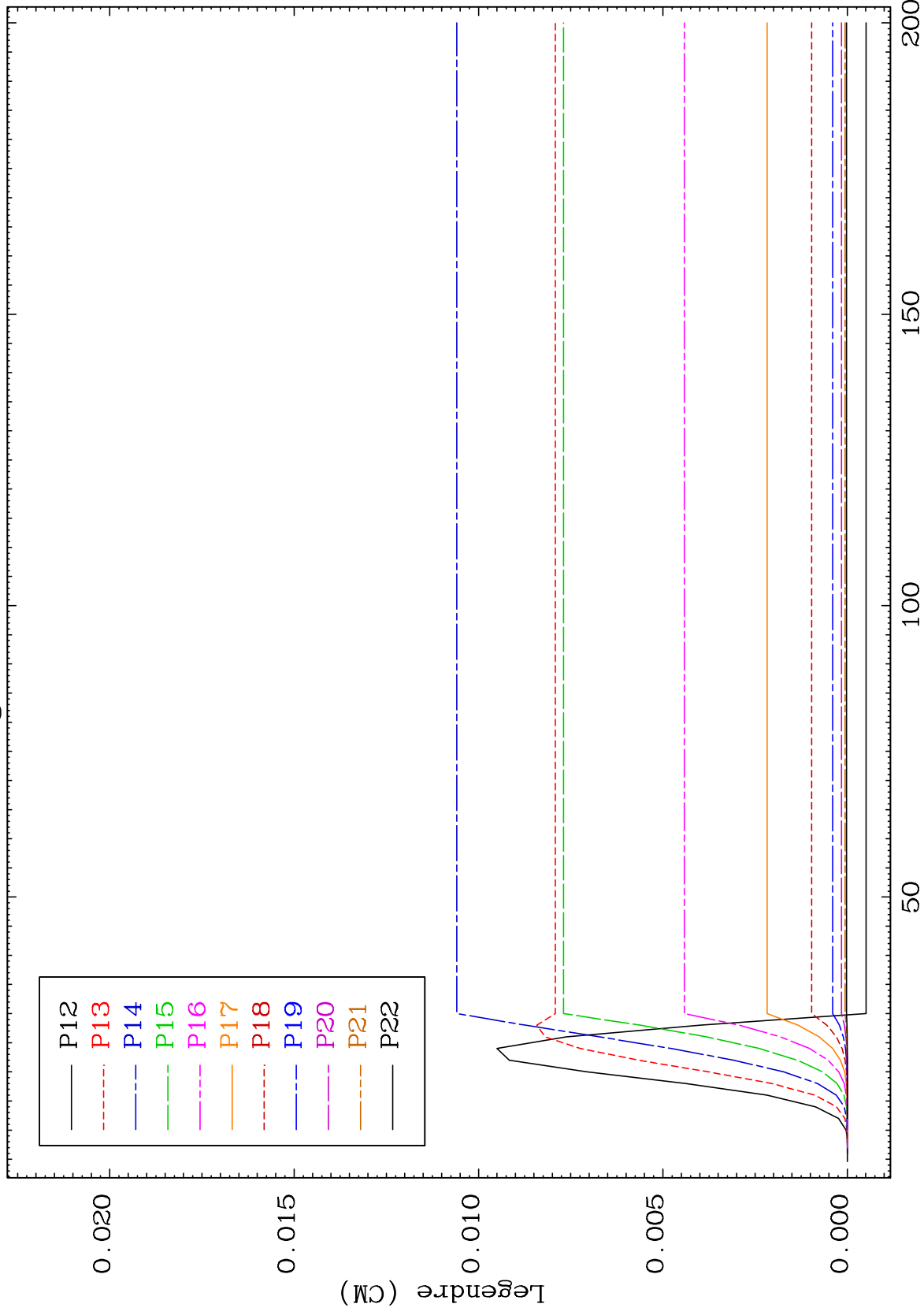




MAT 2713

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

27-Co-55



70

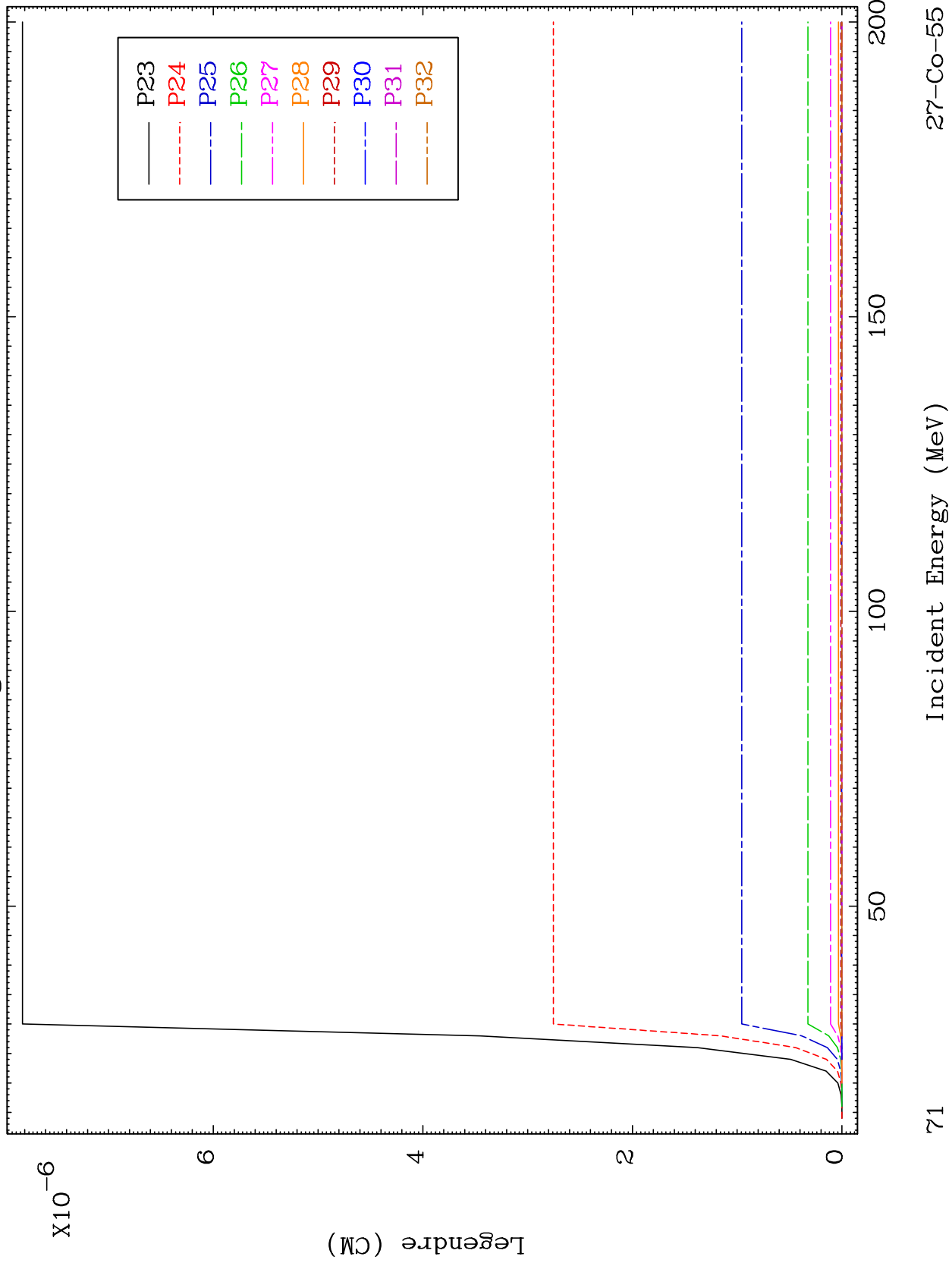
Incident Energy (MeV)

27-Co-55

MAT 2713

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

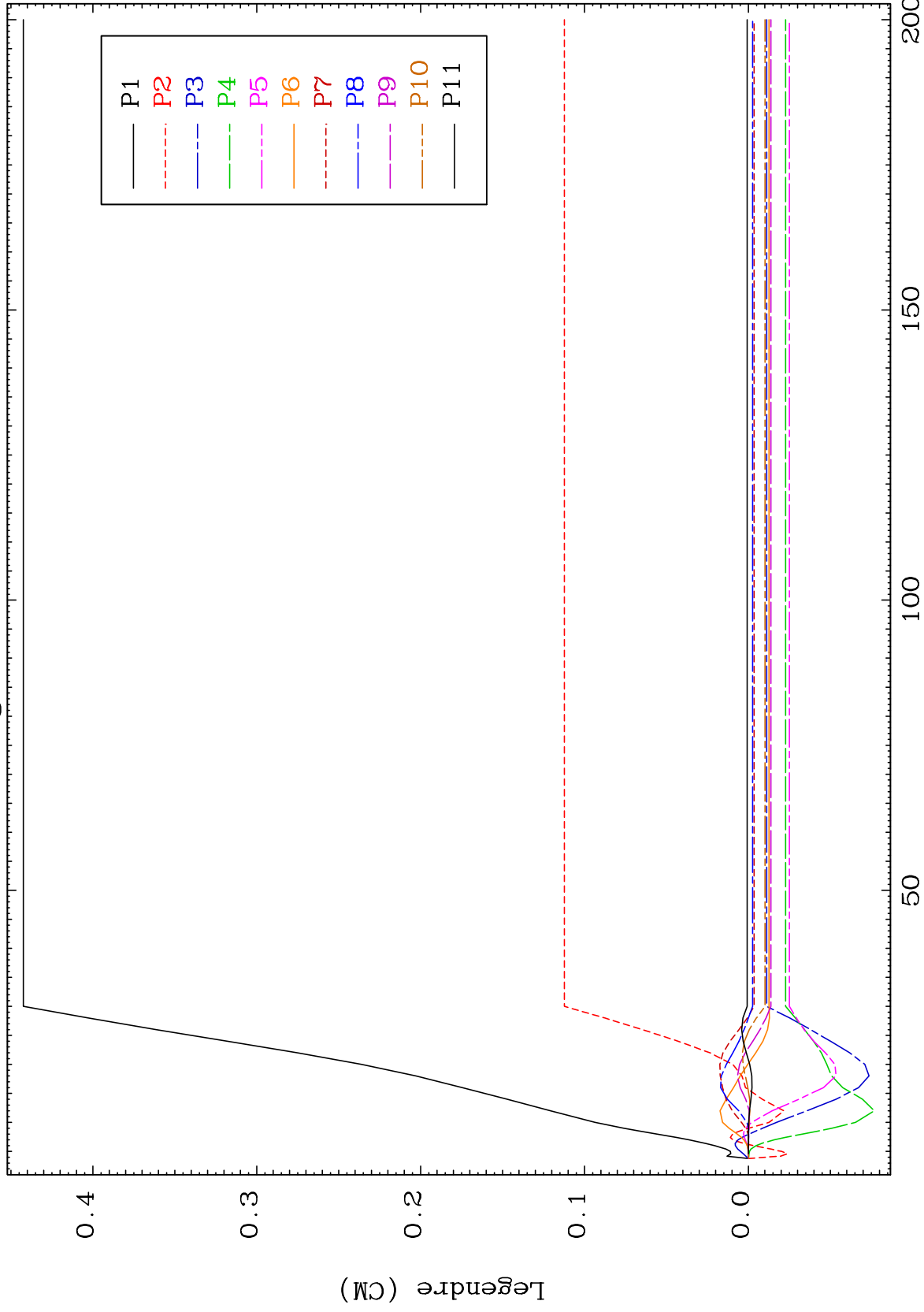
27-Co-55



MAT 2713

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

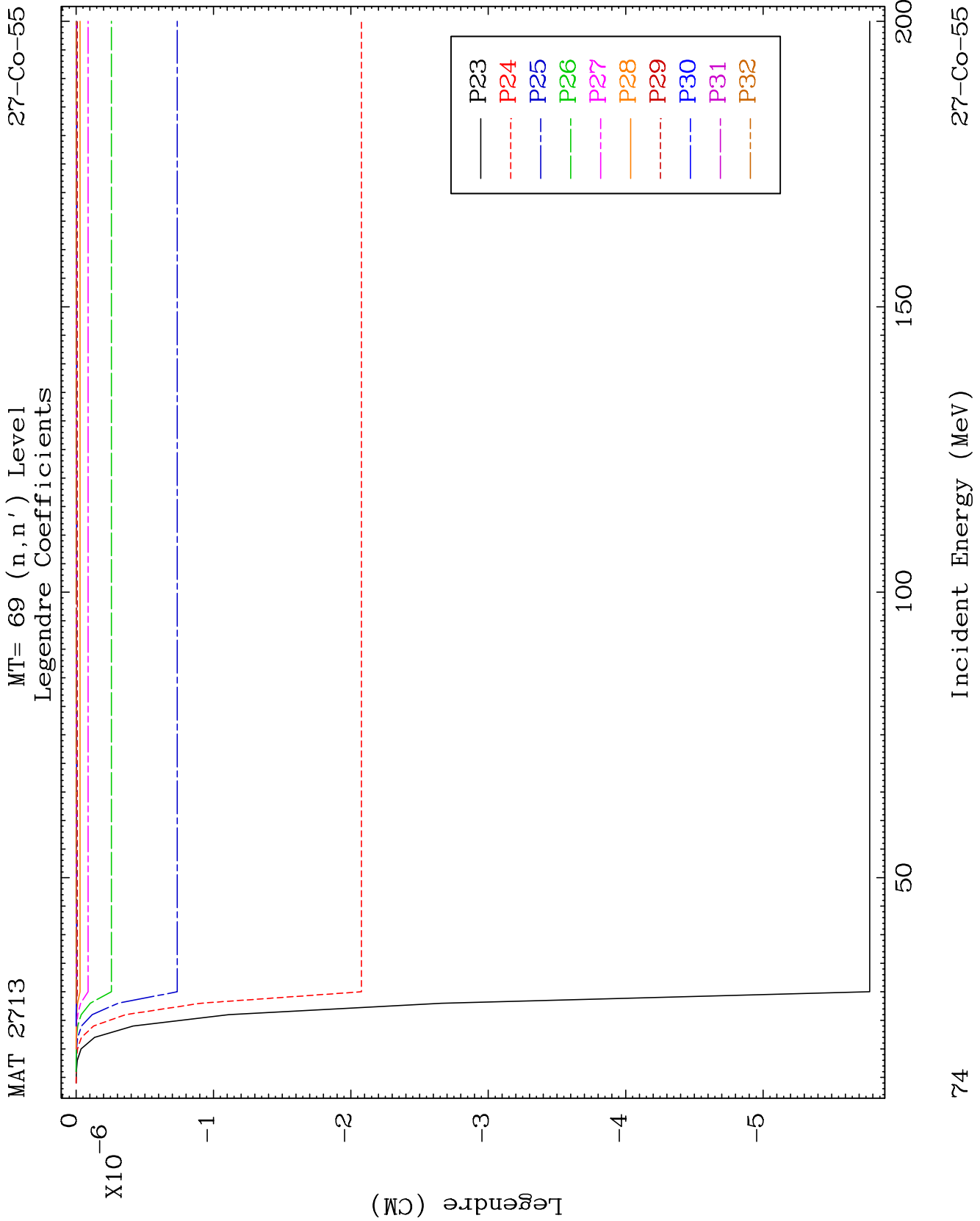
27-Co-55

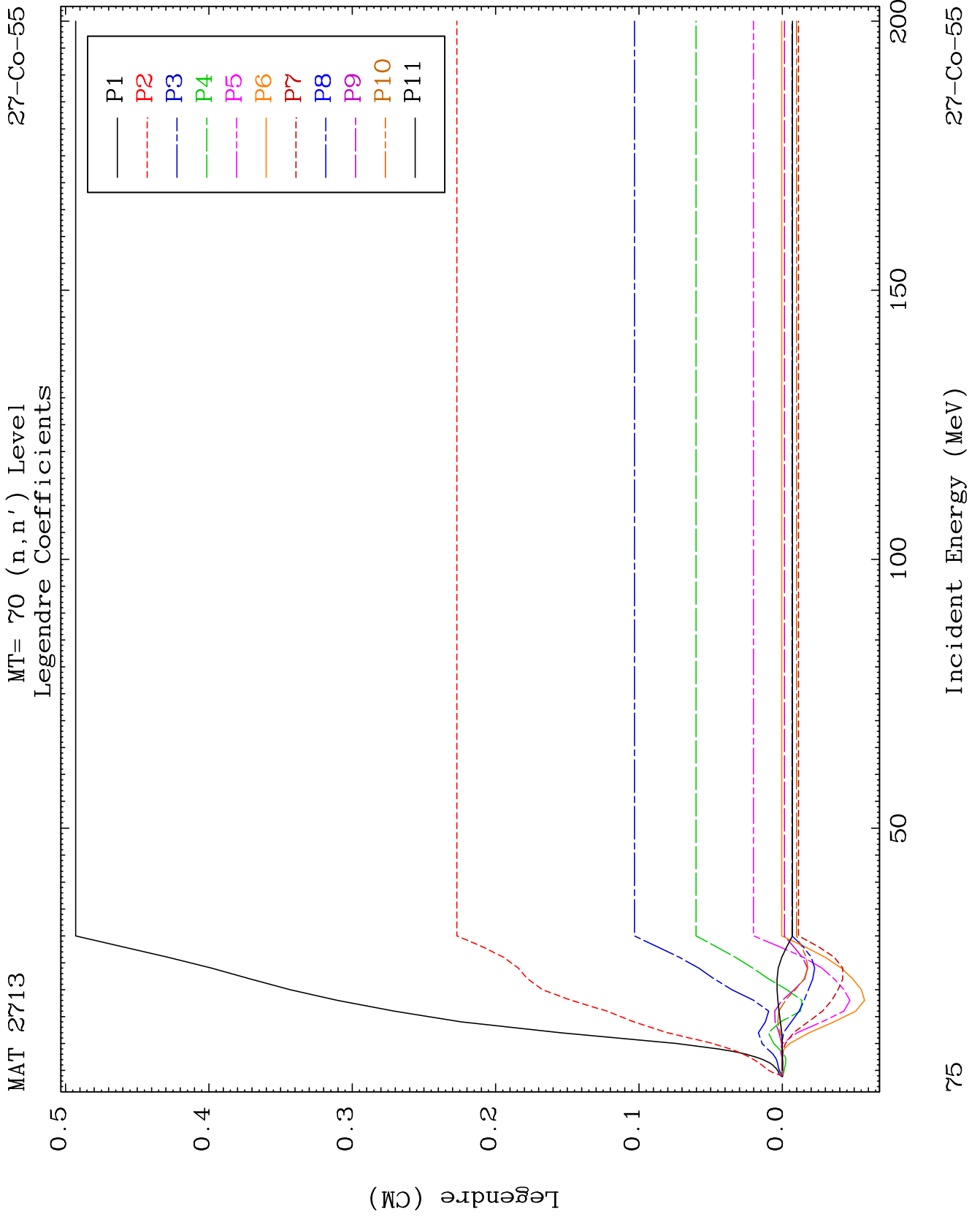


72

Incident Energy (MeV)

27-Co-55

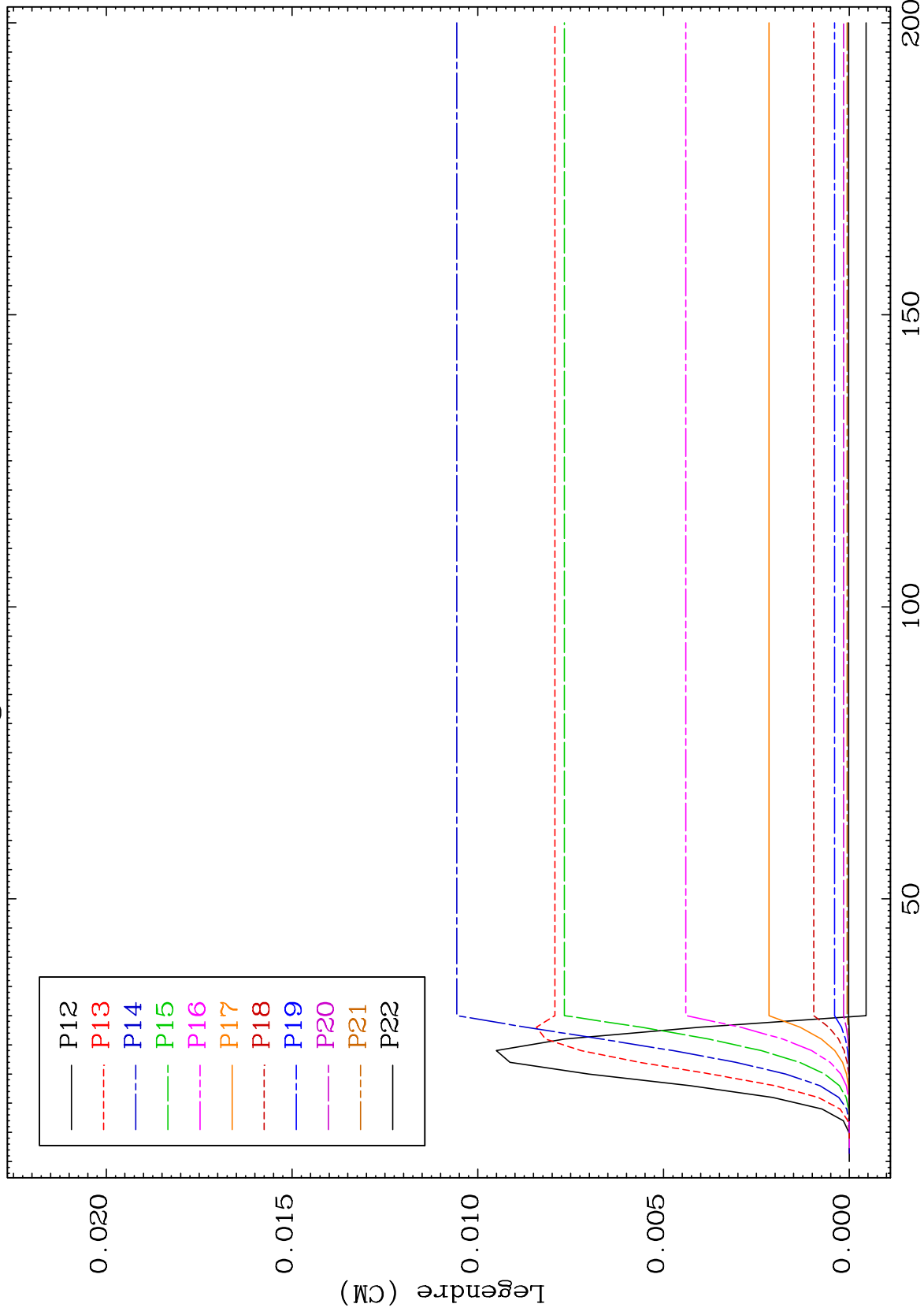




MAT 2713

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

27-Co-55



76

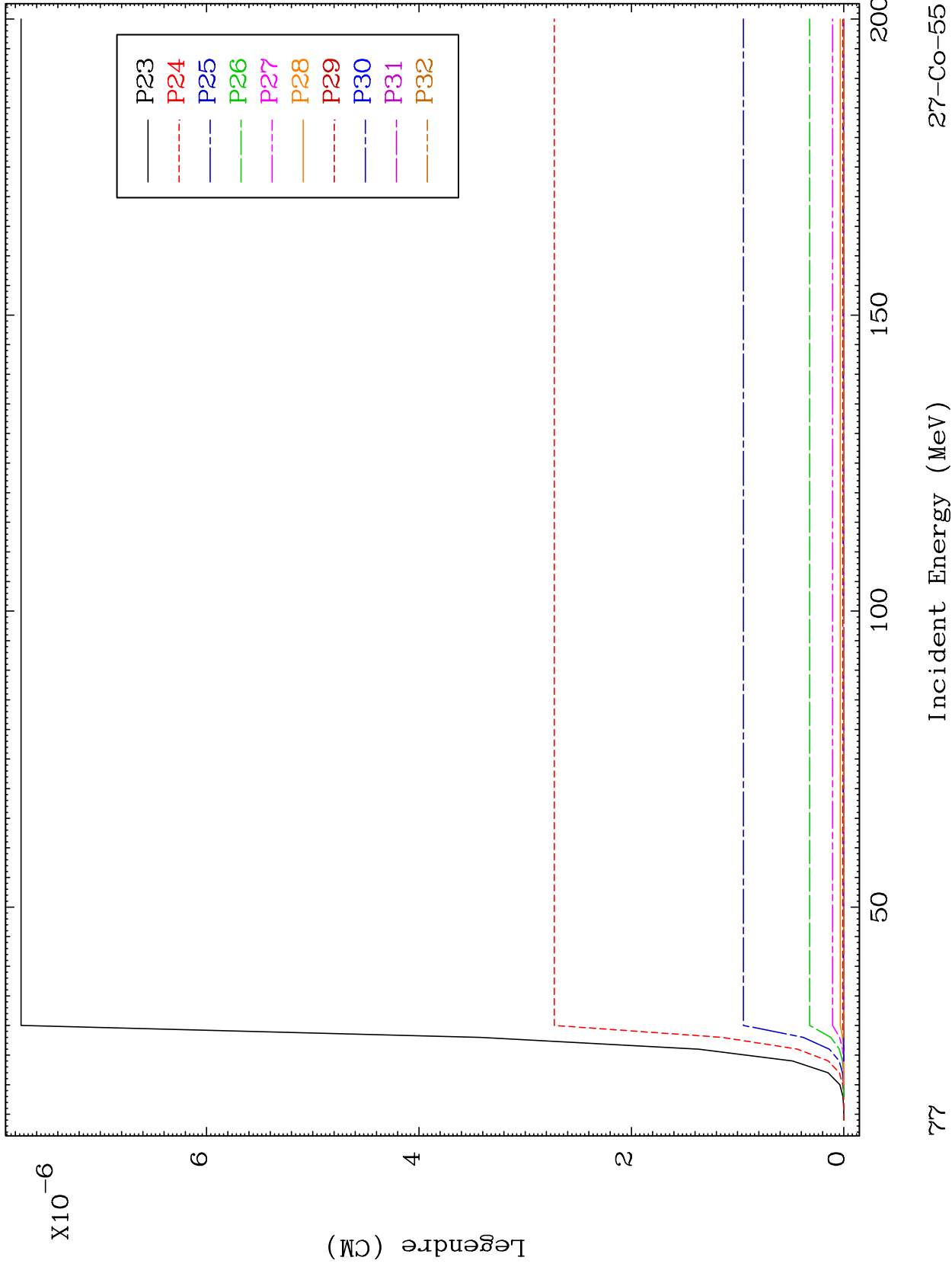
Incident Energy (MeV)

27-Co-55

MAT 2713

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

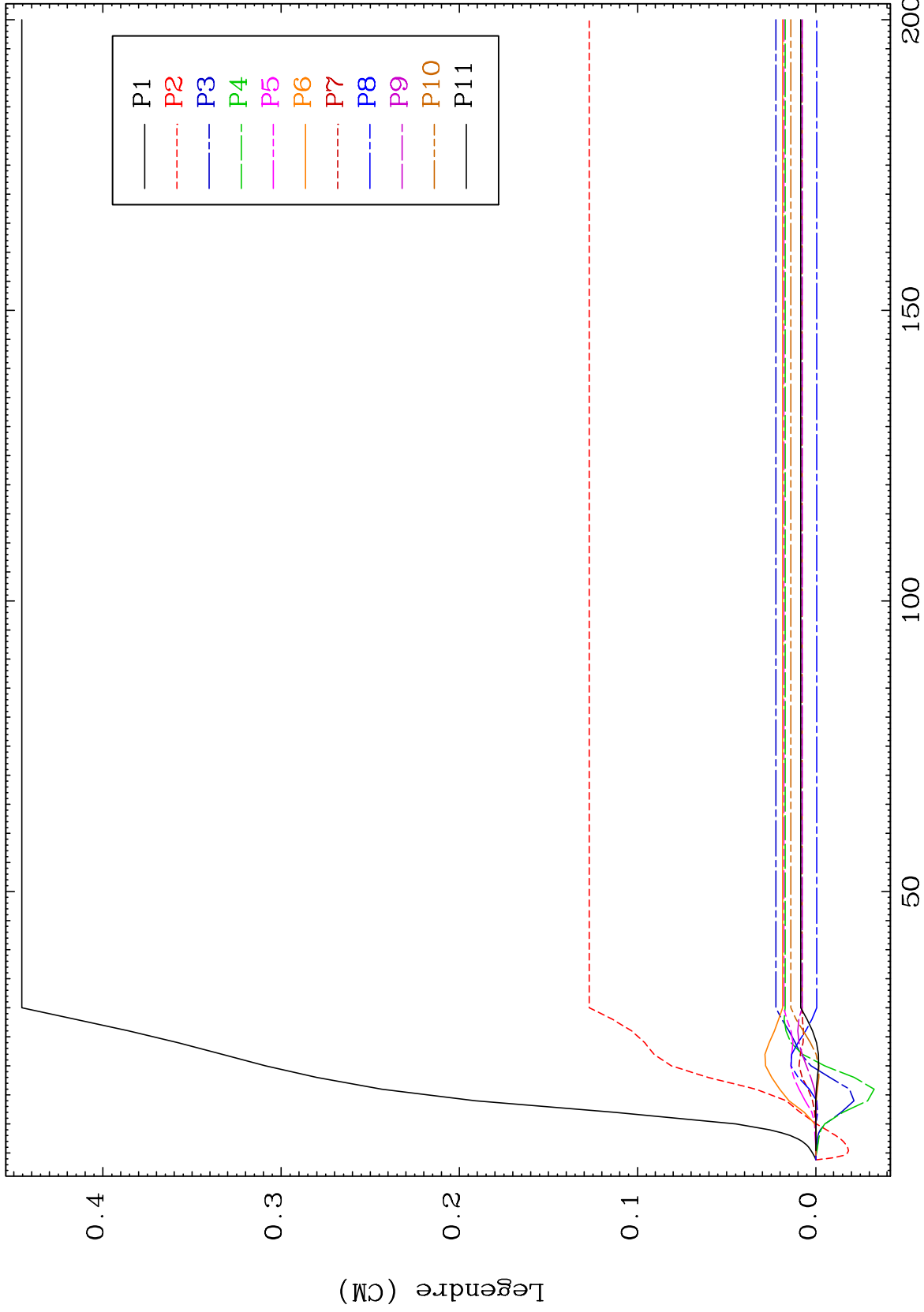
27-Co-55



MAT 2713

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

27-Co-55



78

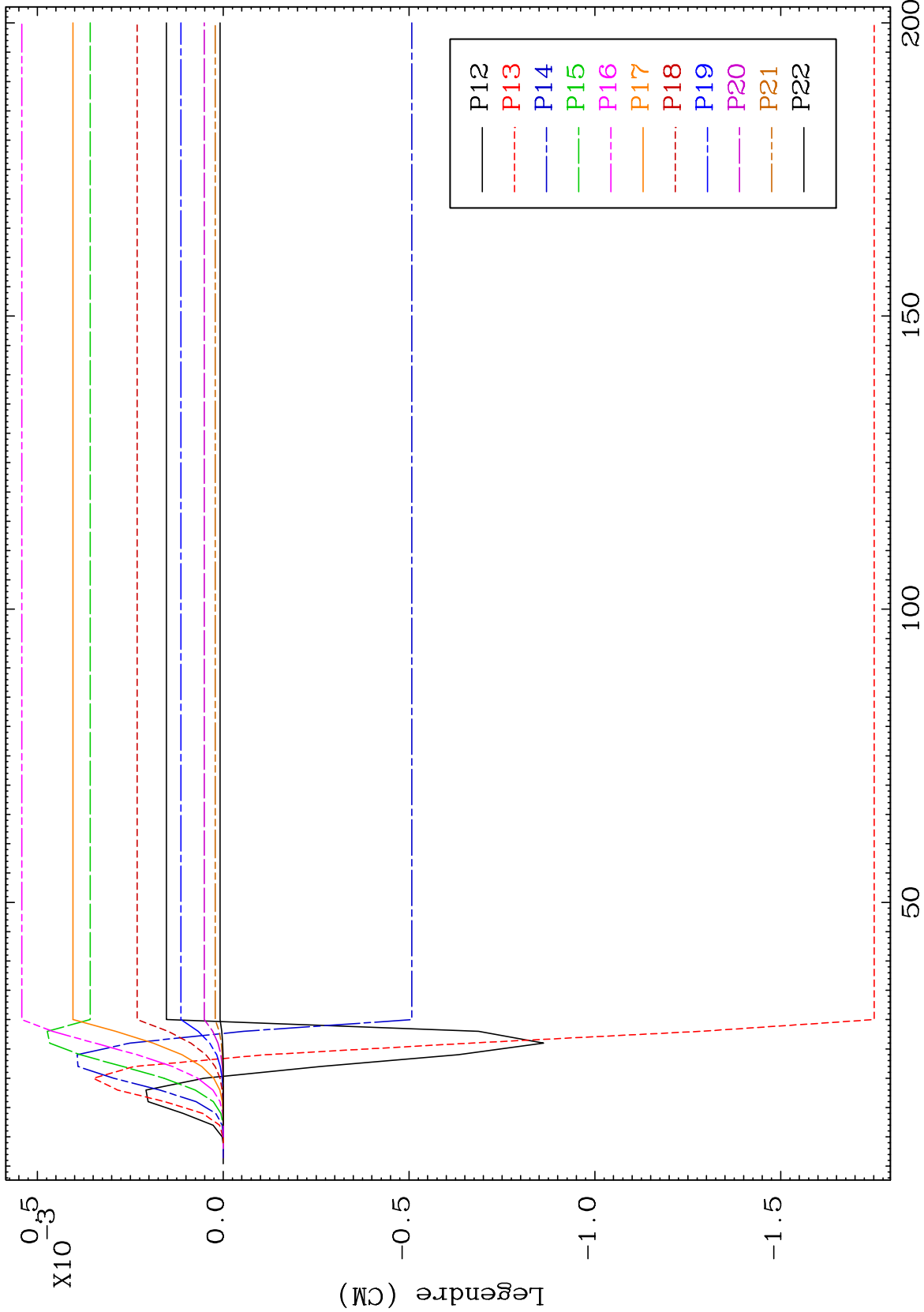
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



79

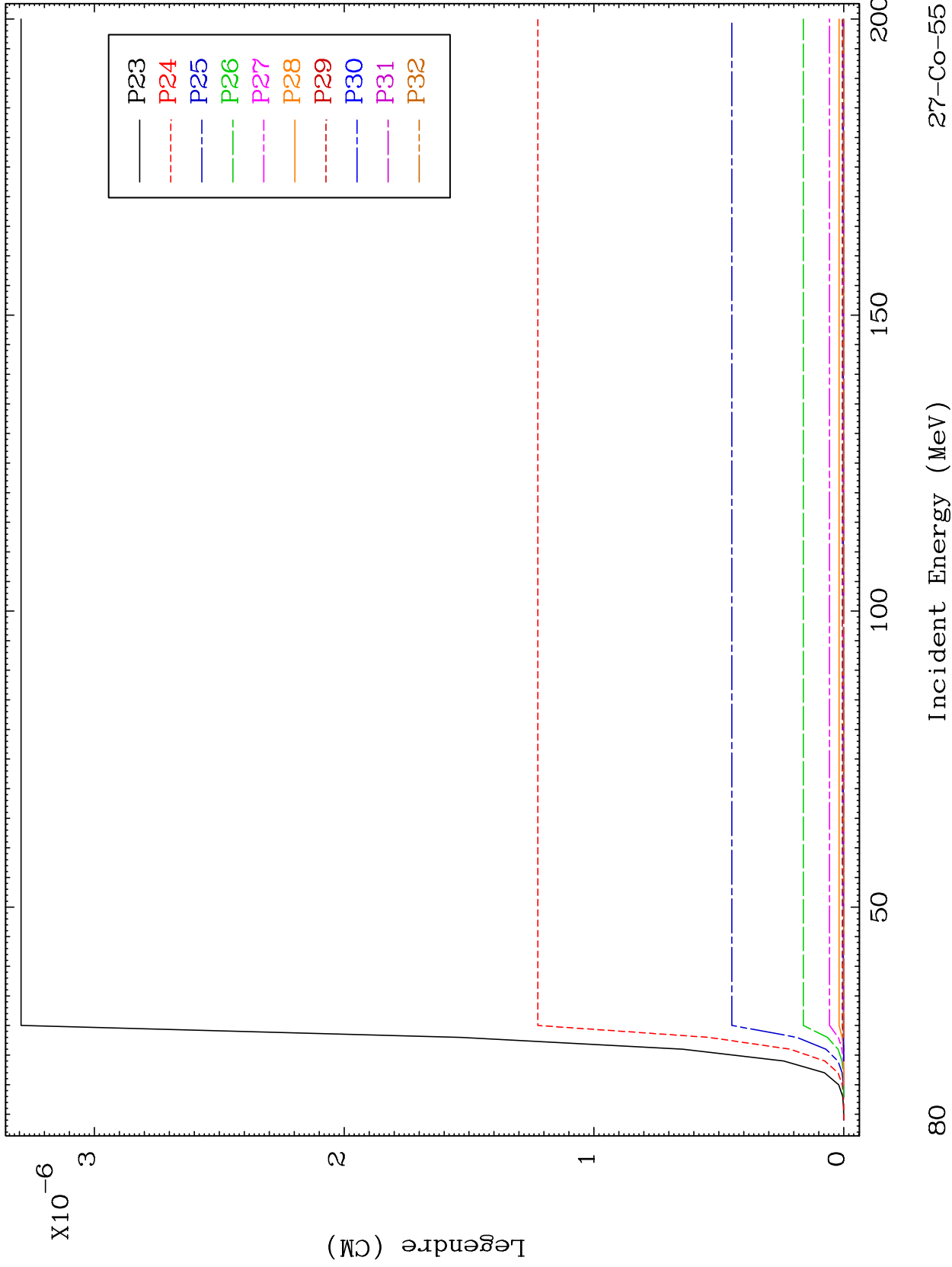
Incident Energy (MeV)

27-Co-55

MAT 2713

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

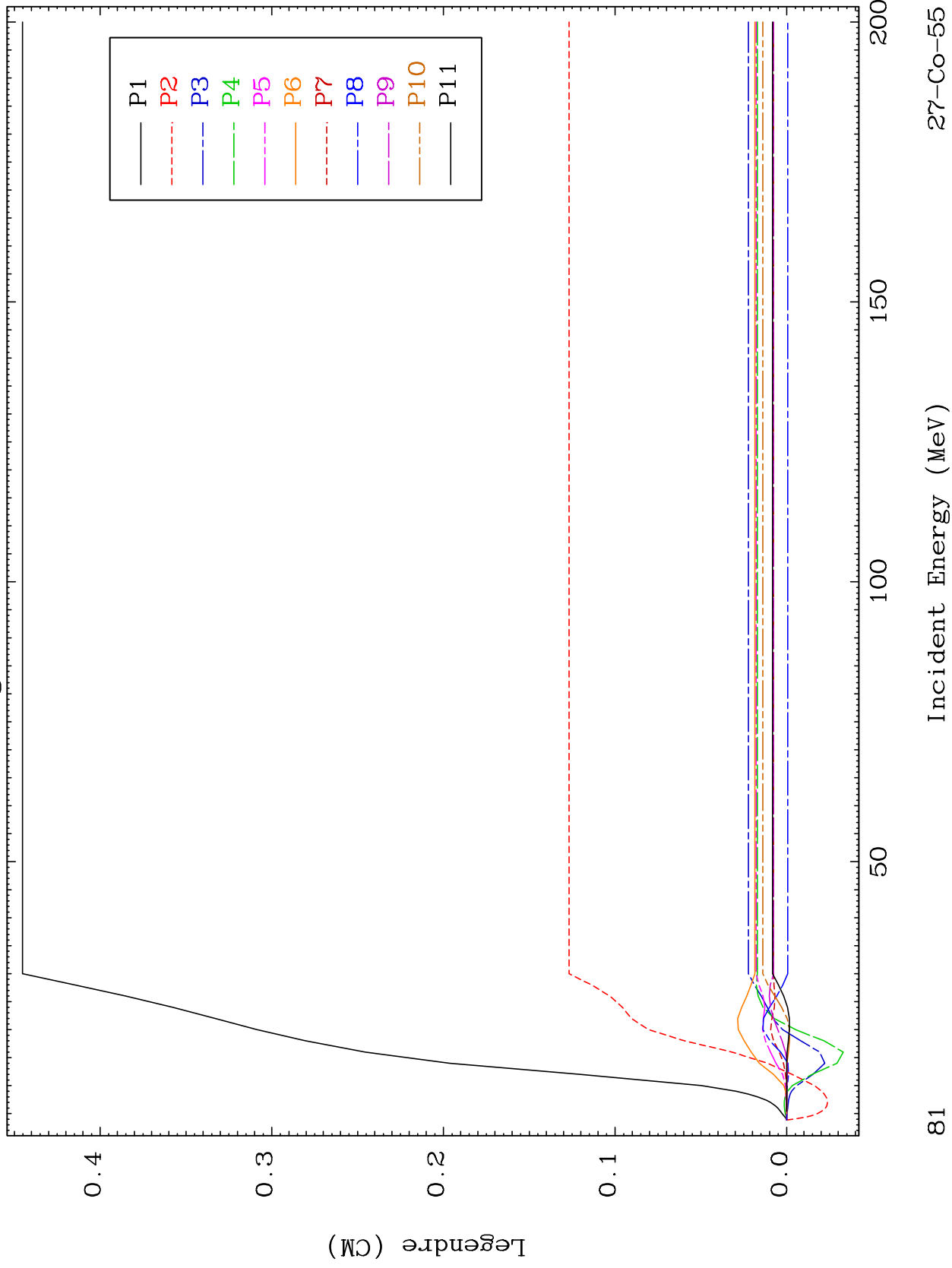
27-Co-55



MAT 2713

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

27-Co-55



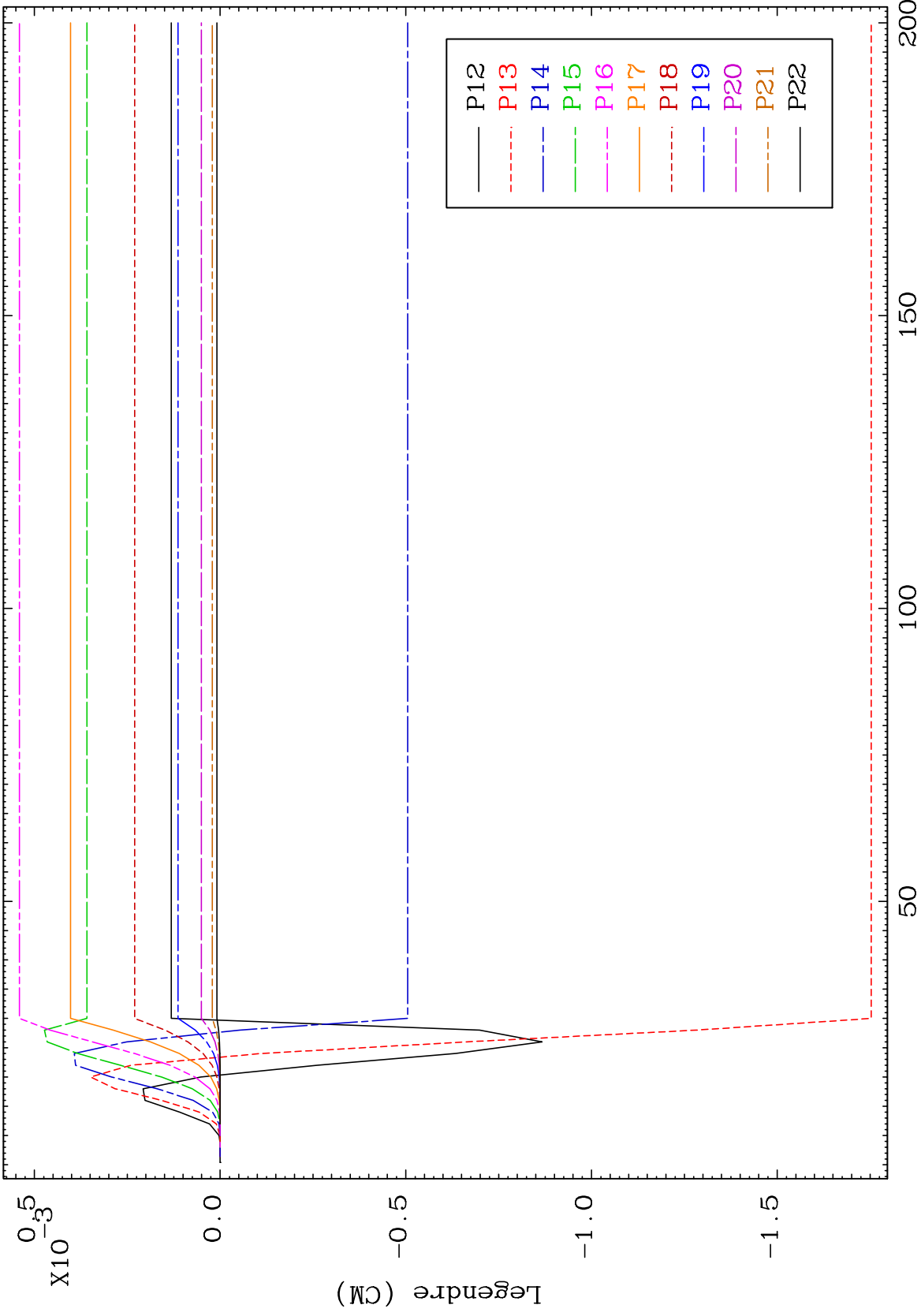
81

27-Co-55

MAT 2713

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

27-Co-55



82

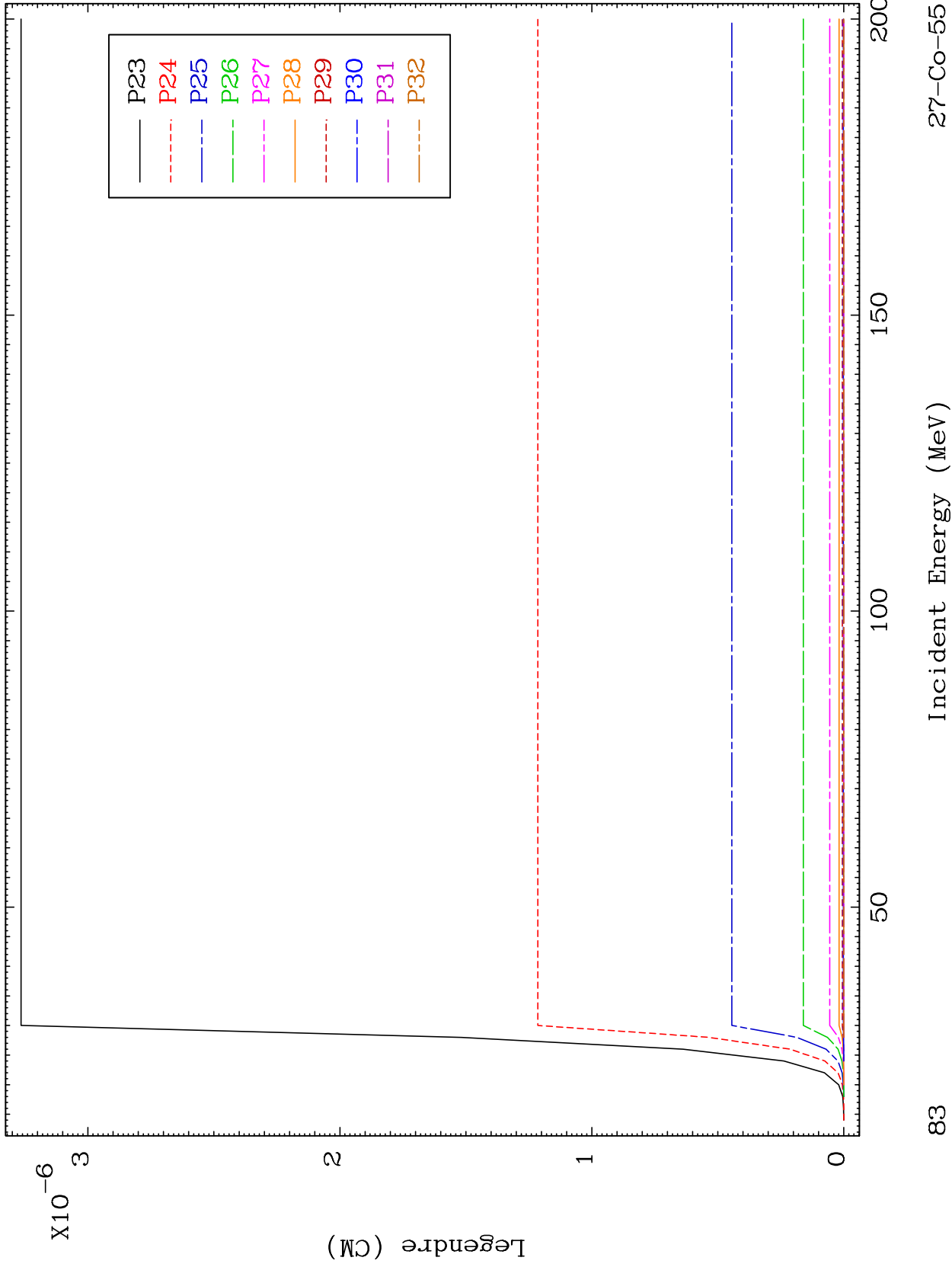
Incident Energy (MeV)

27-Co-55

MAT 2713

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

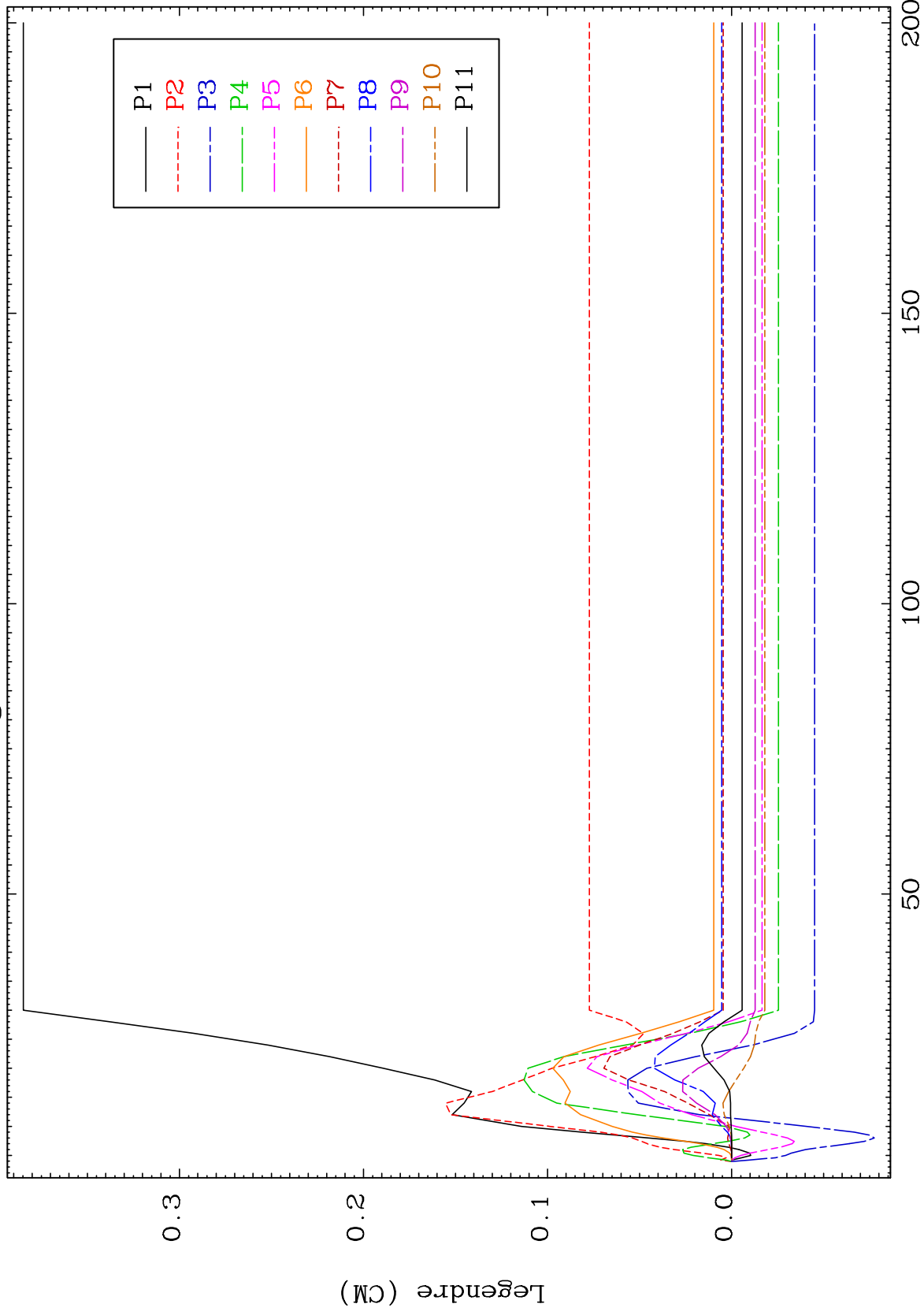
27-Co-55



MAT 2713

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

27-Co-55



84

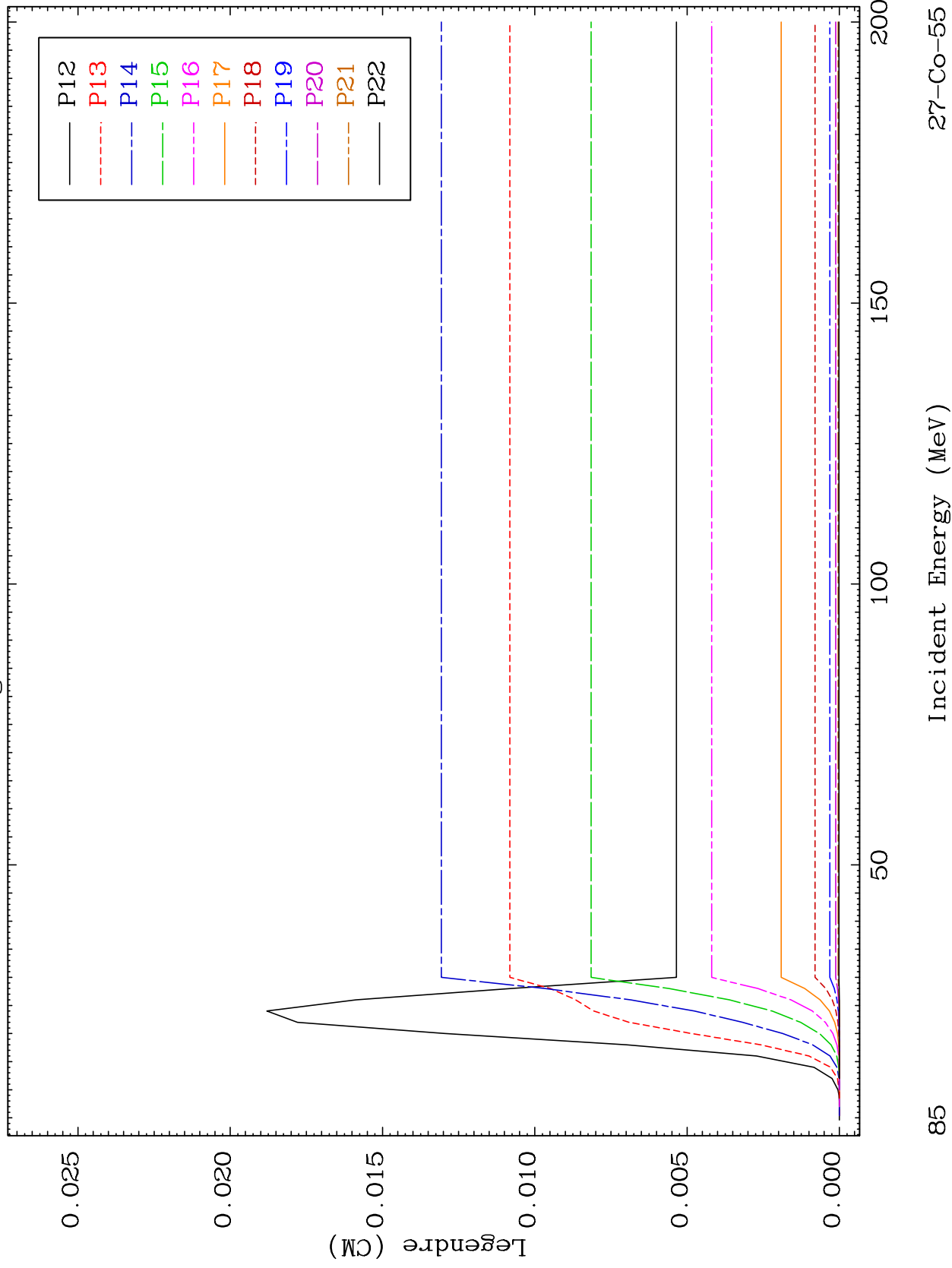
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



85

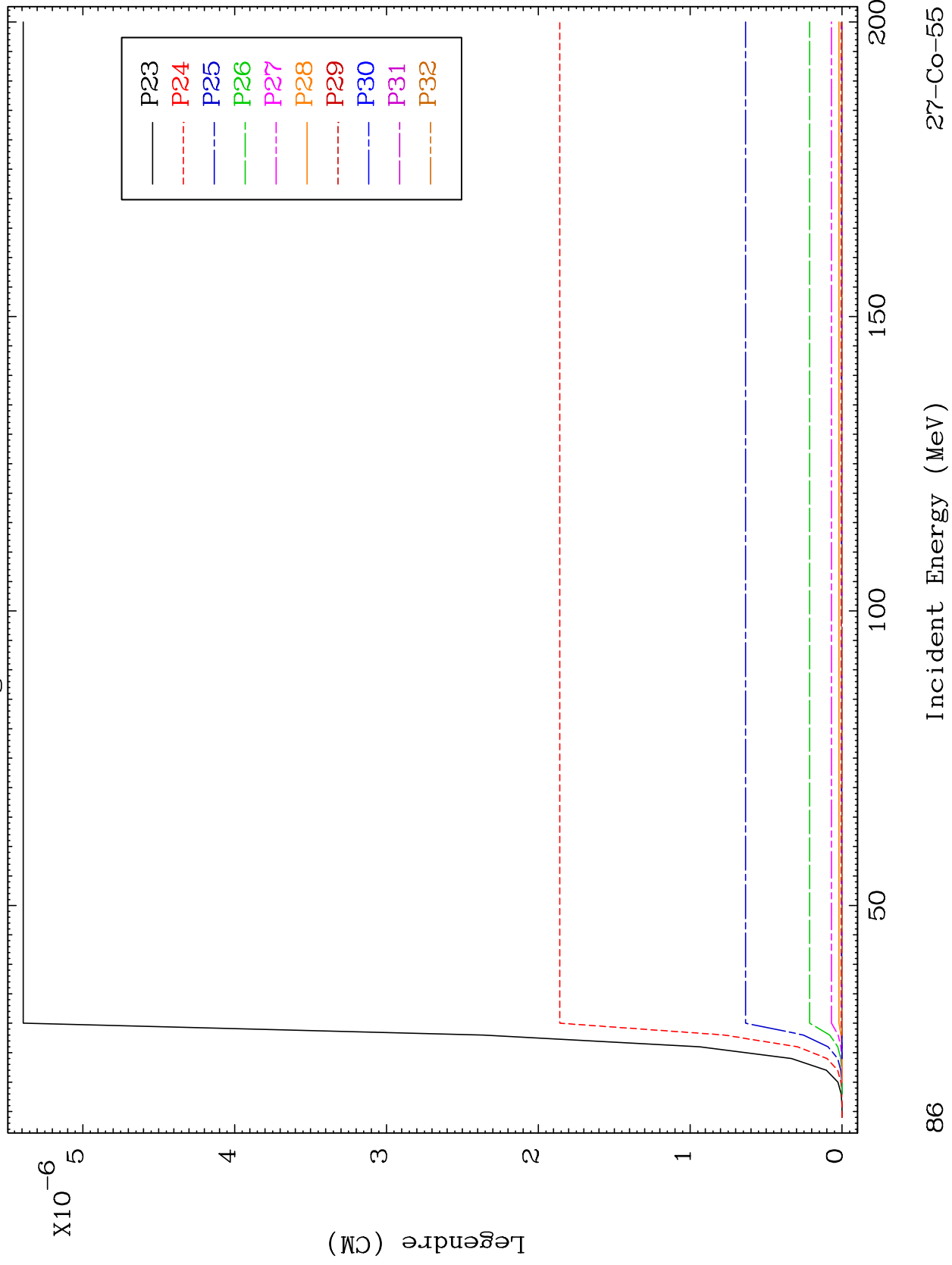
Incident Energy (MeV)

27-Co-55

MAT 2713

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

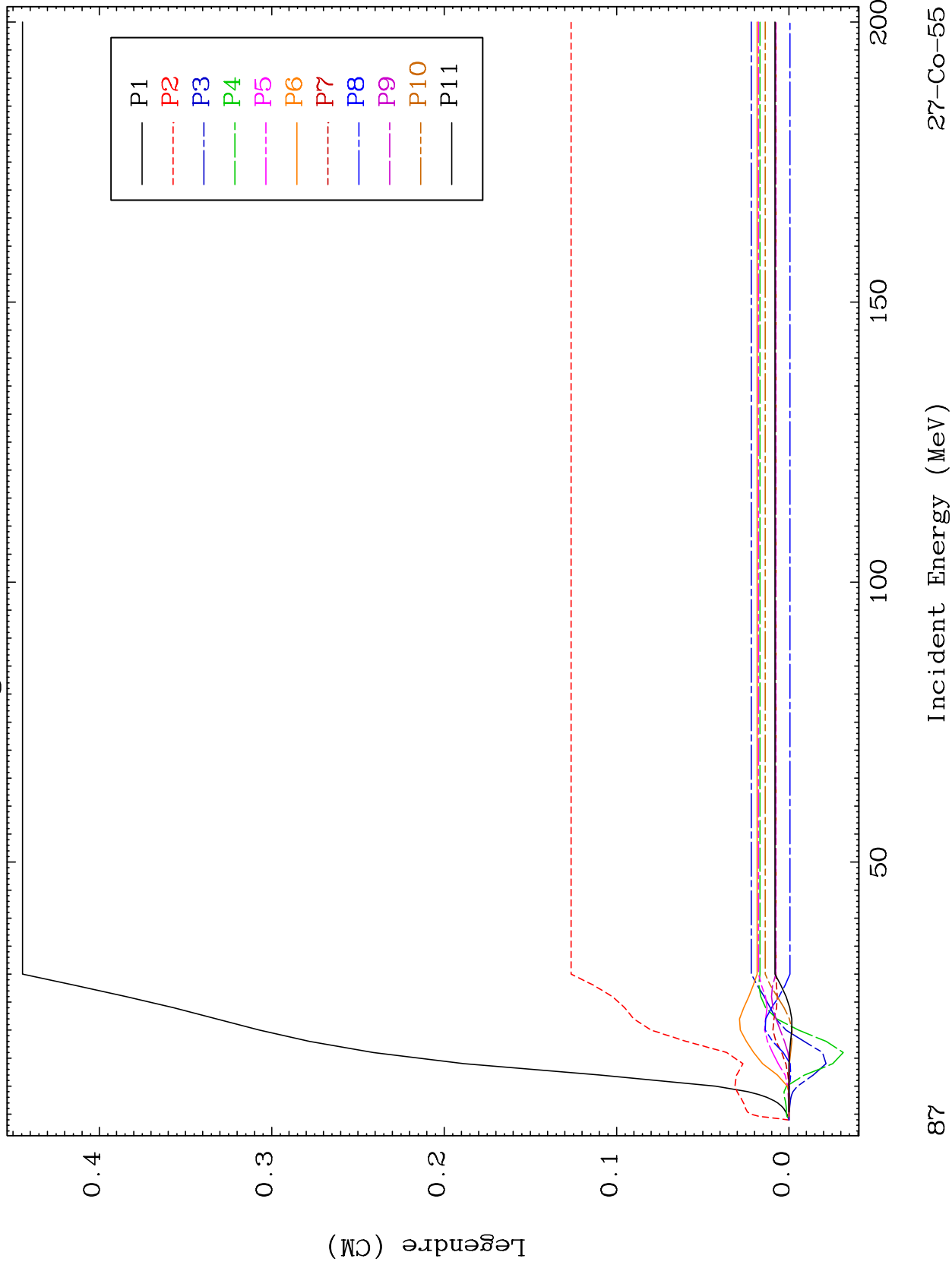
27-Co-55



MAT 2713

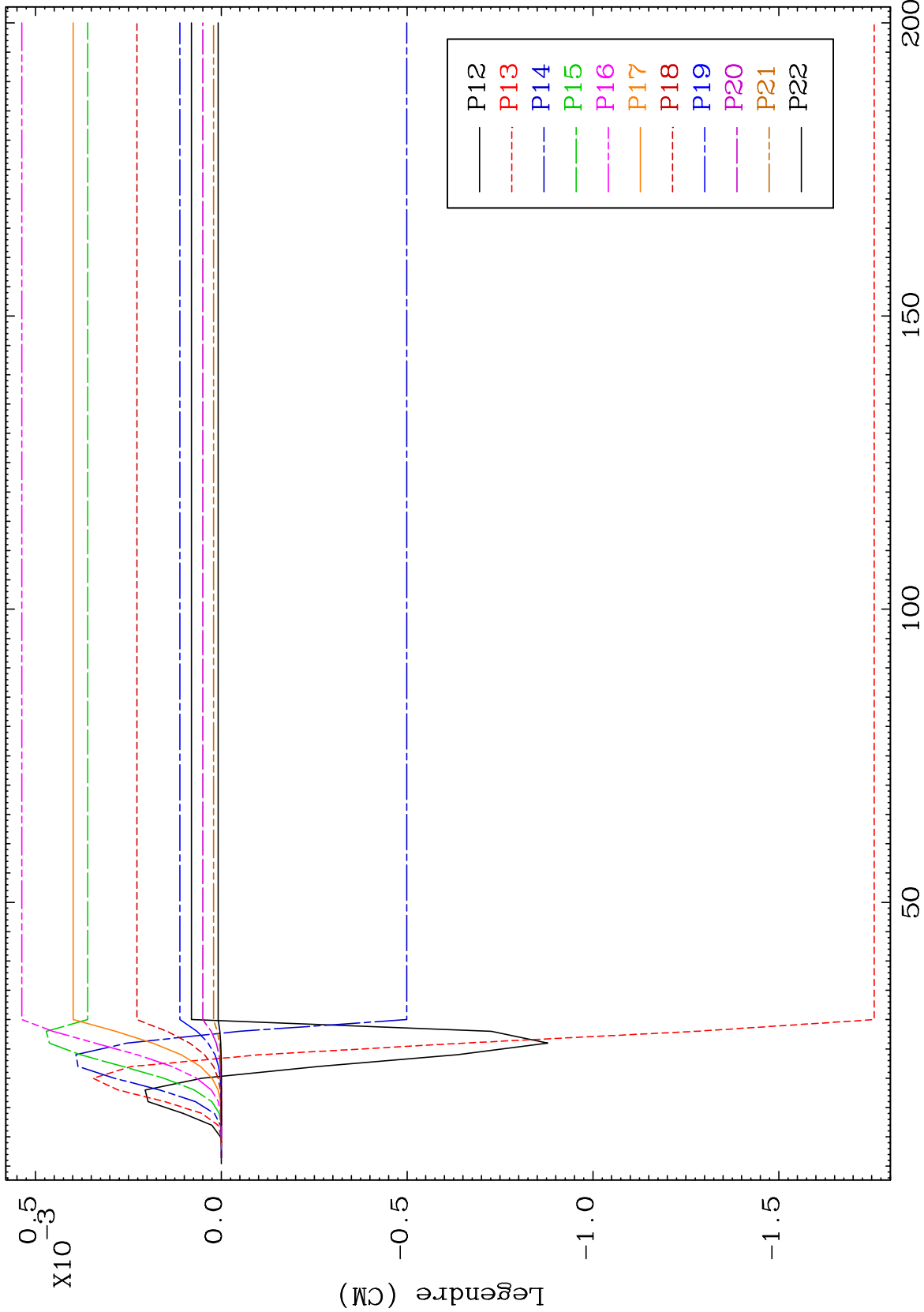
MT= 74 (n,n') Level
Legendre Coefficients

27-Co-55



87

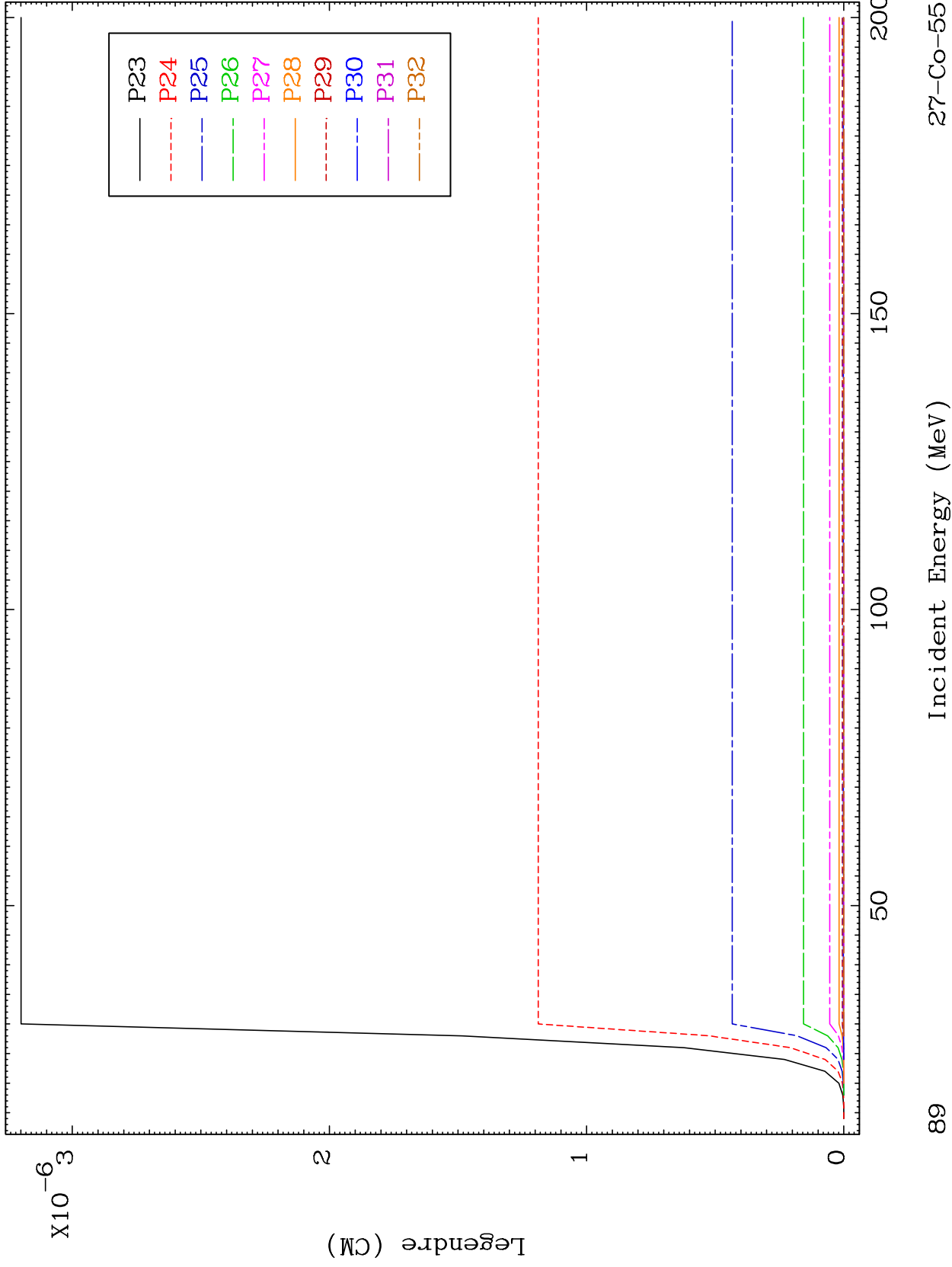
27-Co-55



MAT 2713

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

27-Co-55



89

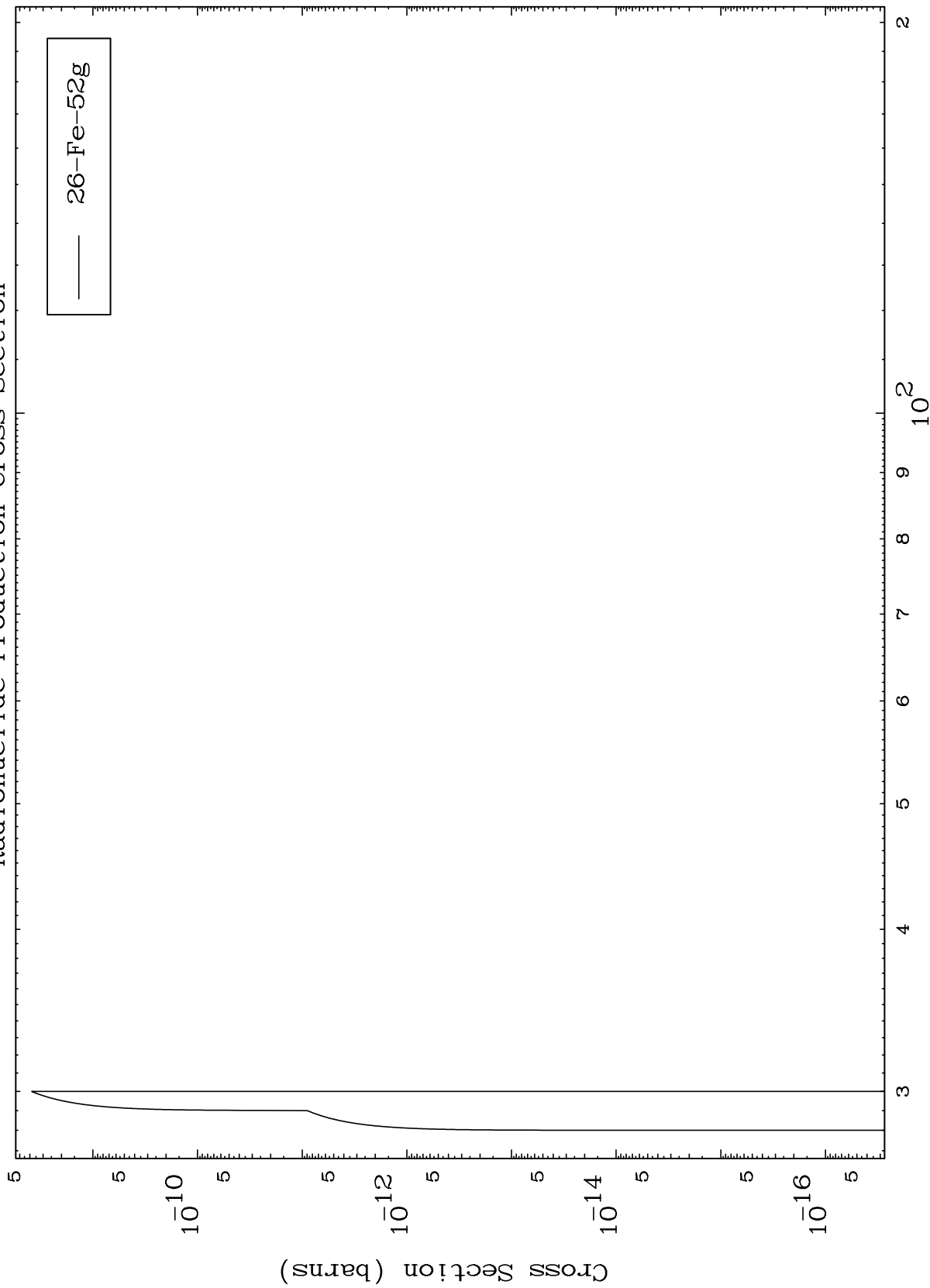
27-Co-55

MAT 2713

(n,2n) d

27-Co-55

Radionuclide Production Cross Section



90

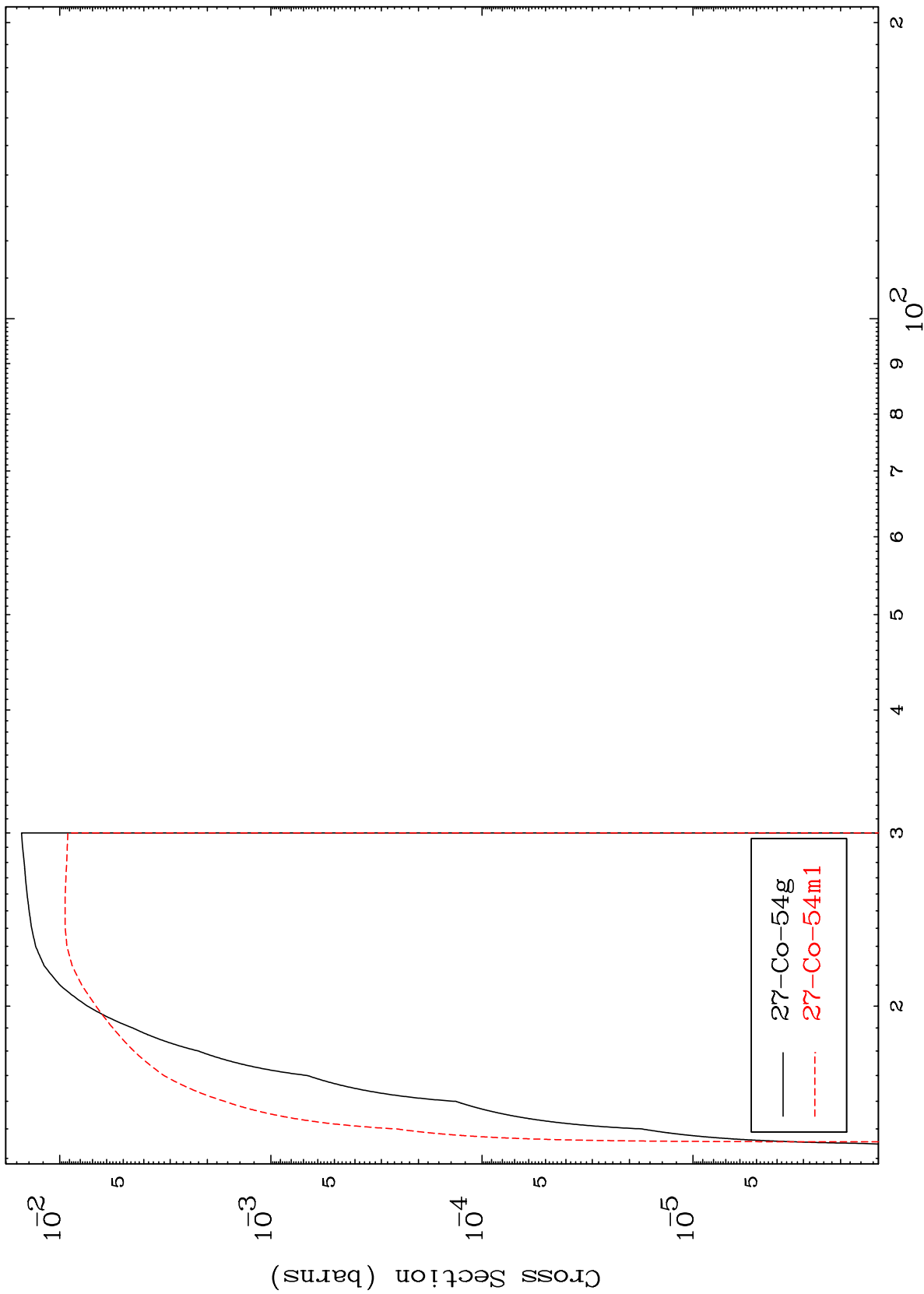
Incident Energy (MeV)

27-Co-55

MAT 2713

27-Co-55

(n,2n)
Radionuclide Production Cross Section



91

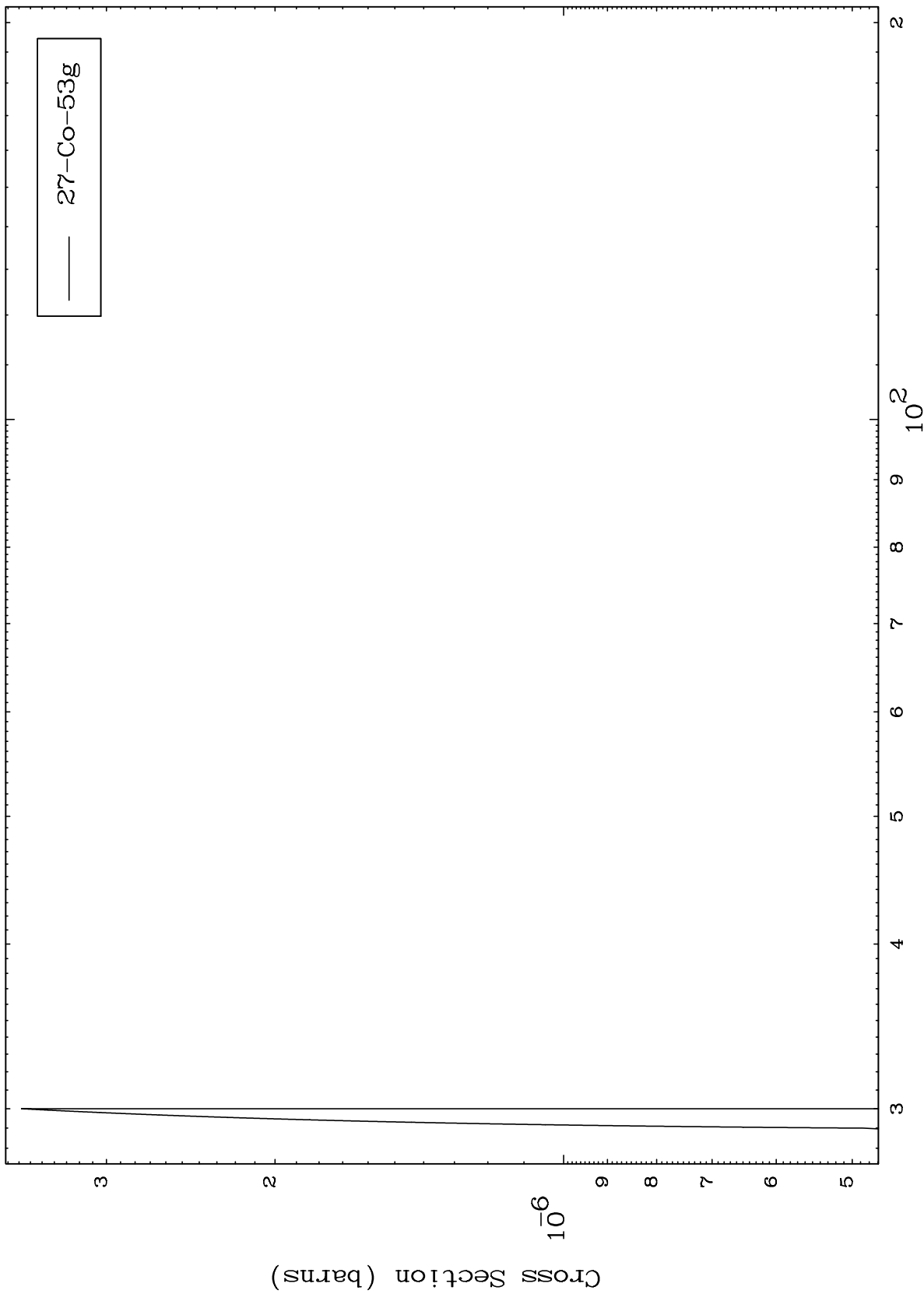
27-Co-55

Incident Energy (MeV)

MAT 2713

27-Co-55

(n,3n)
Radionuclide Production Cross Section



92

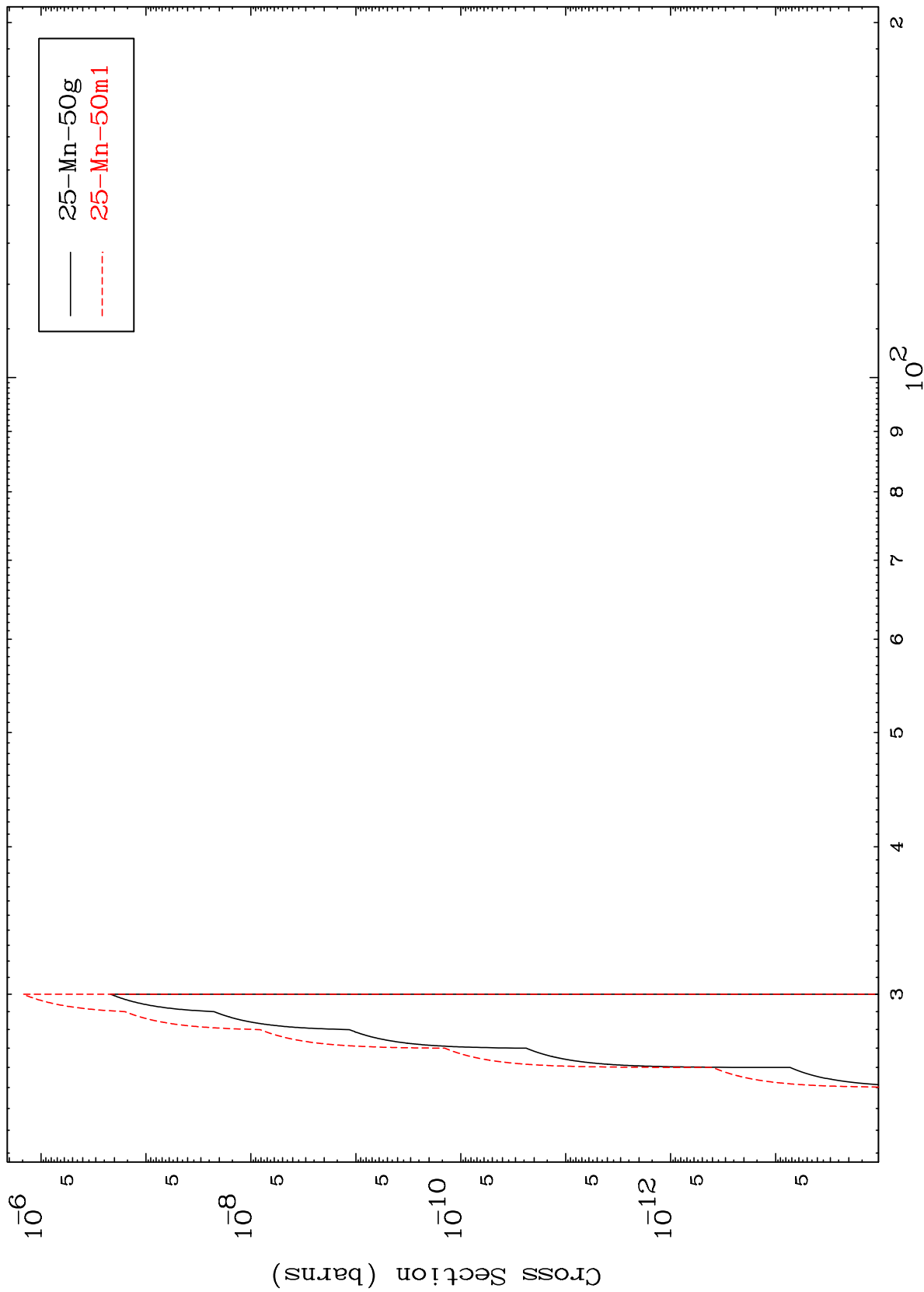
27-Co-55

MAT 2713

(n,2n) α

27-Co-55

Radionuclide Production Cross Section

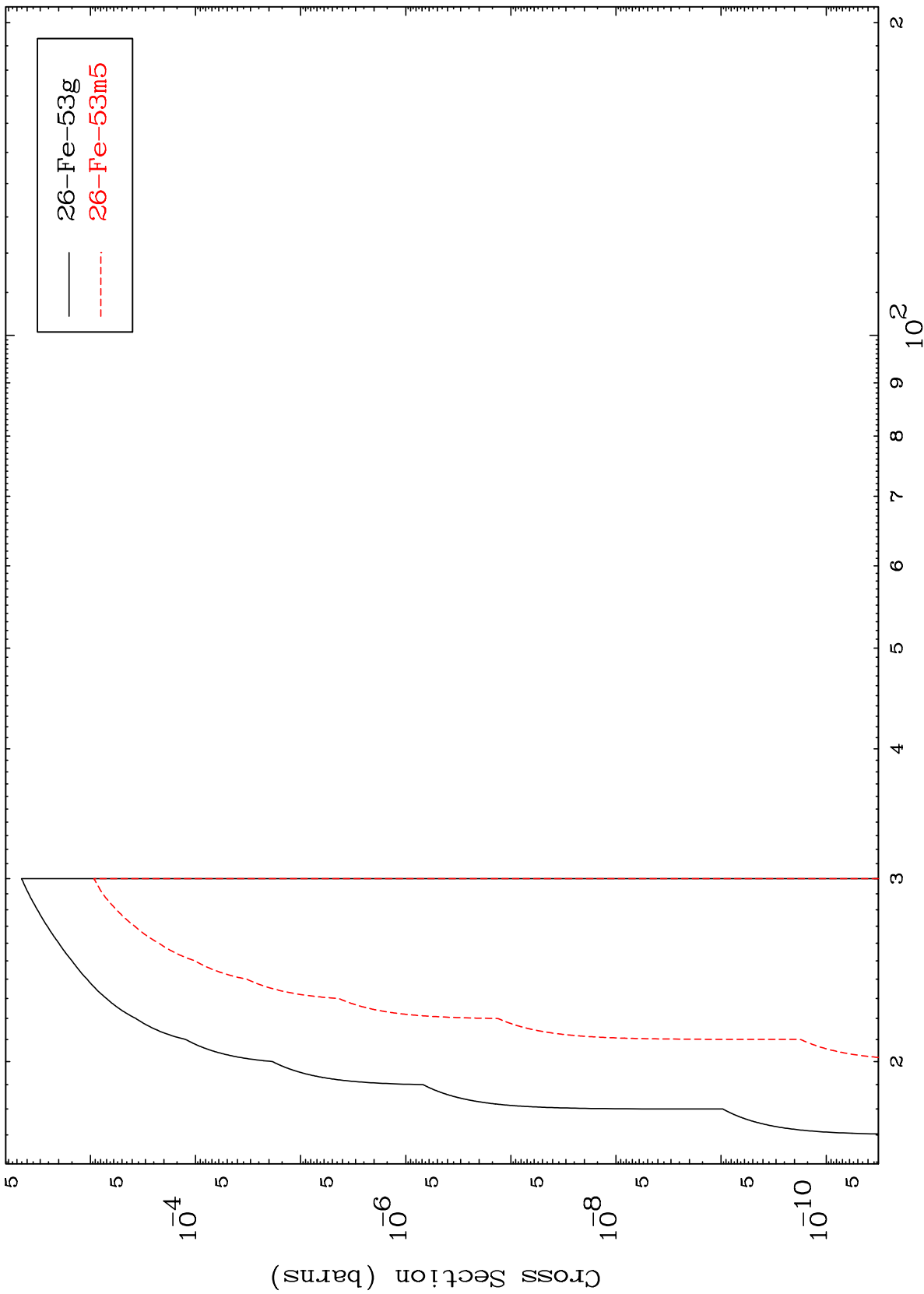


93

Incident Energy (MeV)

27-Co-55

Radionuclide Production Cross Section

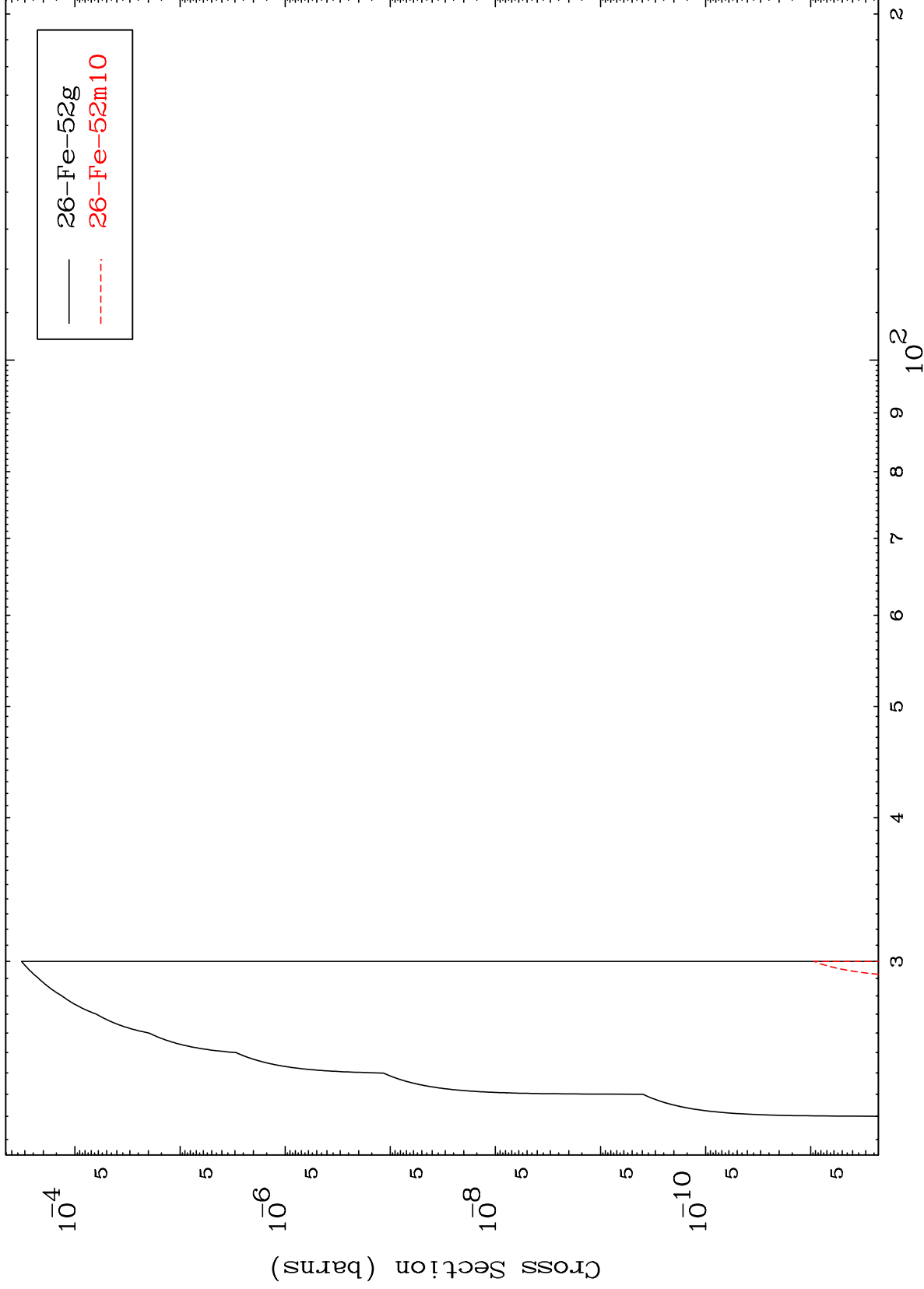


MAT 2713

(n,n') t

27-Co-55

Radionuclide Production Cross Section

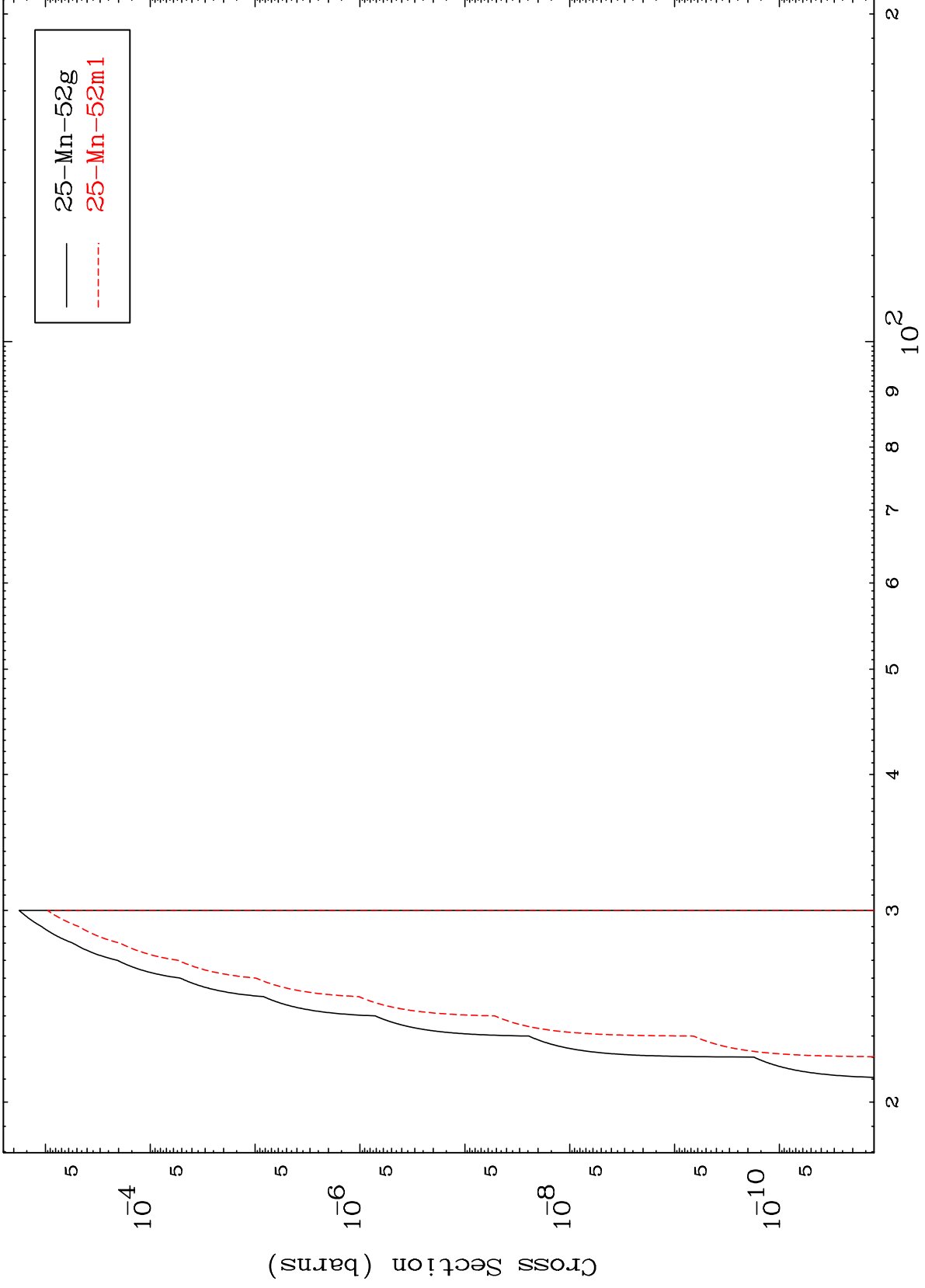


95

Incident Energy (MeV)

27-Co-55

Radionuclide Production Cross Section

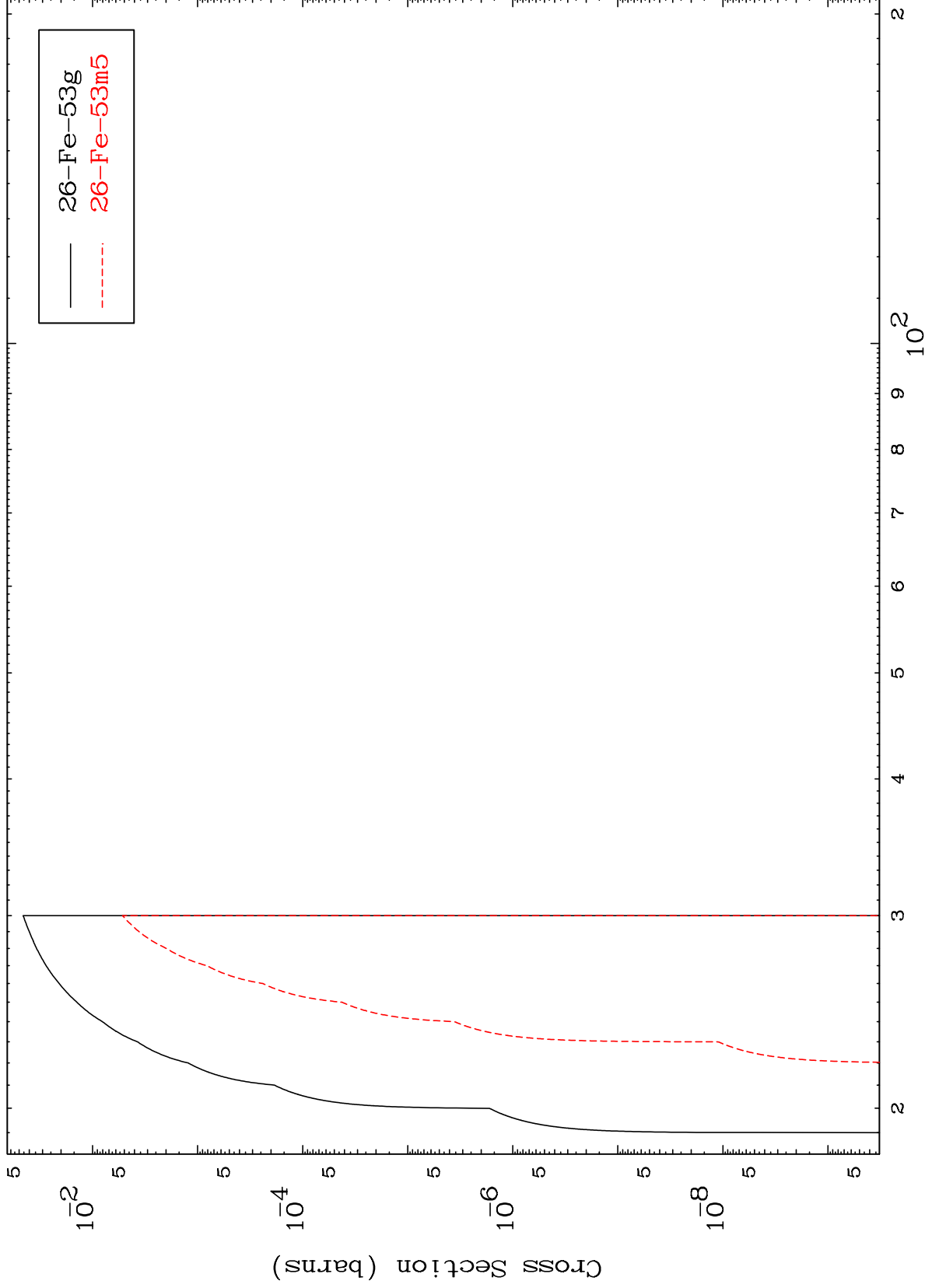


MAT 2713

(n,2n) p

27-Co-55

Radionuclide Production Cross Section



97

Incident Energy (MeV)

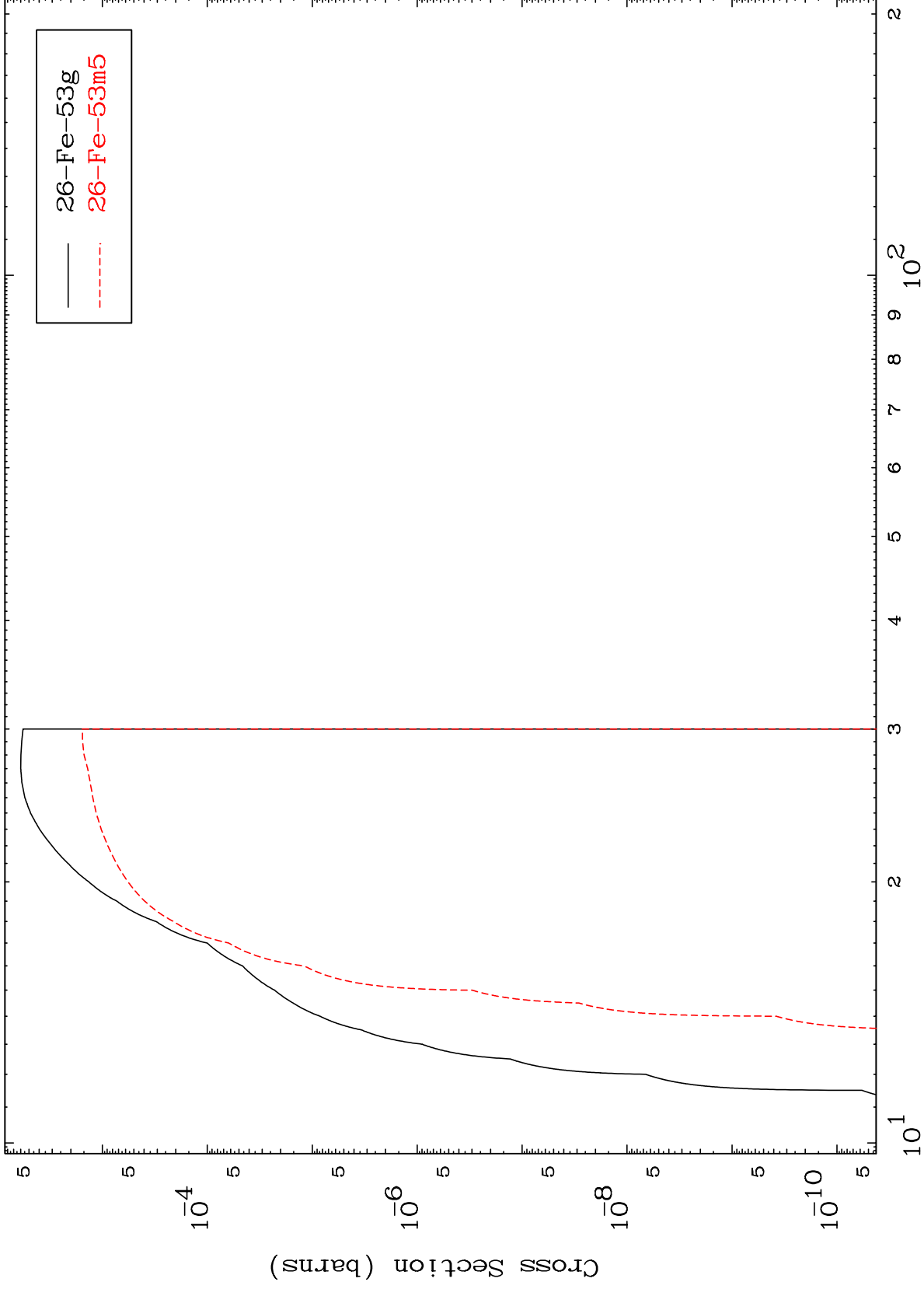
27-Co-55

MAT 2713

(n, t)

27-Co-55

Radionuclide Production Cross Section



Incident Energy (MeV)

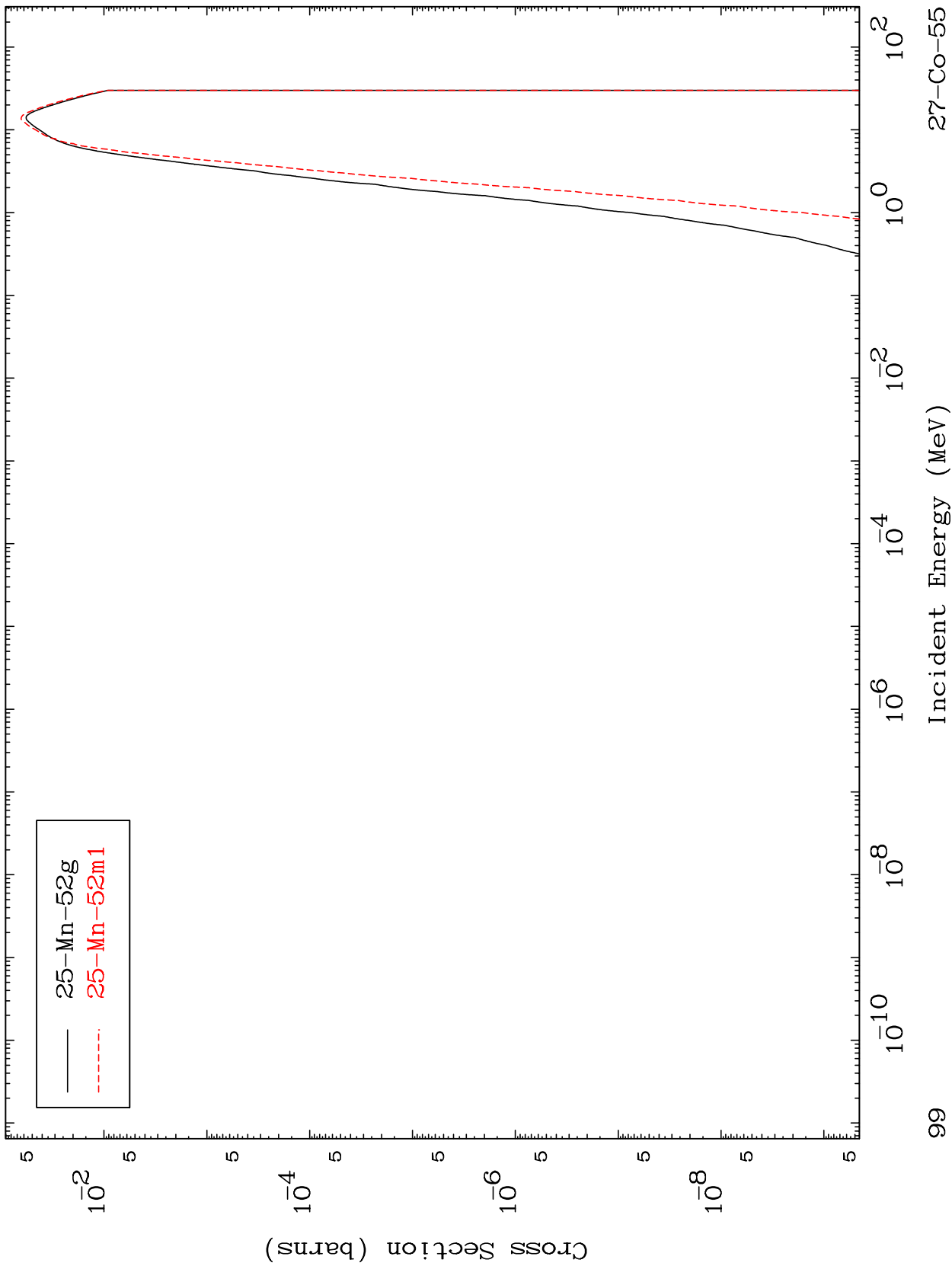
27-Co-55

98

MAT 2713

27-Co-55

Radionuclide Production Cross Section
(n, α)

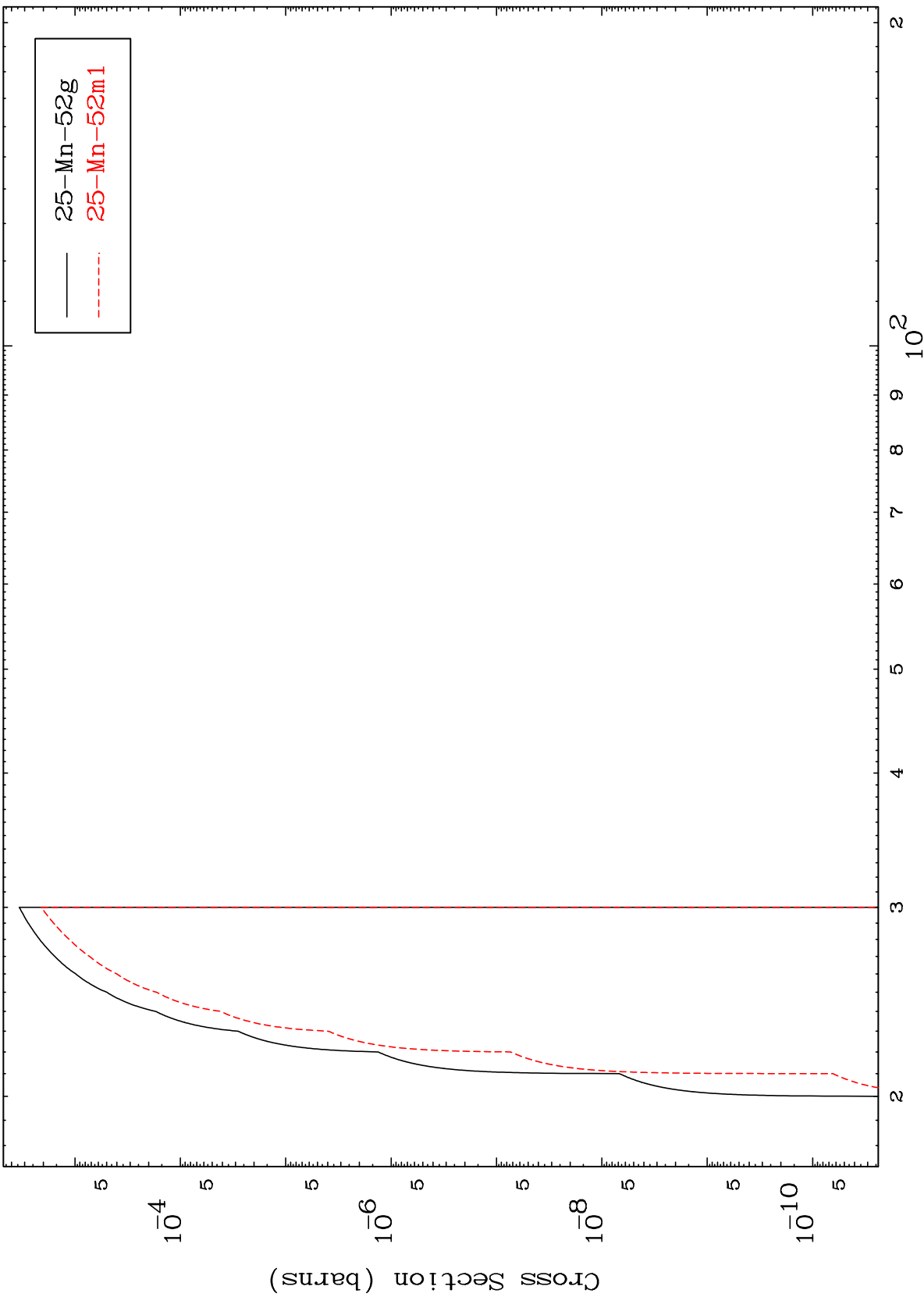


MAT 2713

(n,p) t

27-Co-55

Radionuclide Production Cross Section



100

Incident Energy (MeV)

27-Co-55