

Program EVALPLOT
(Version 2021-1)

by

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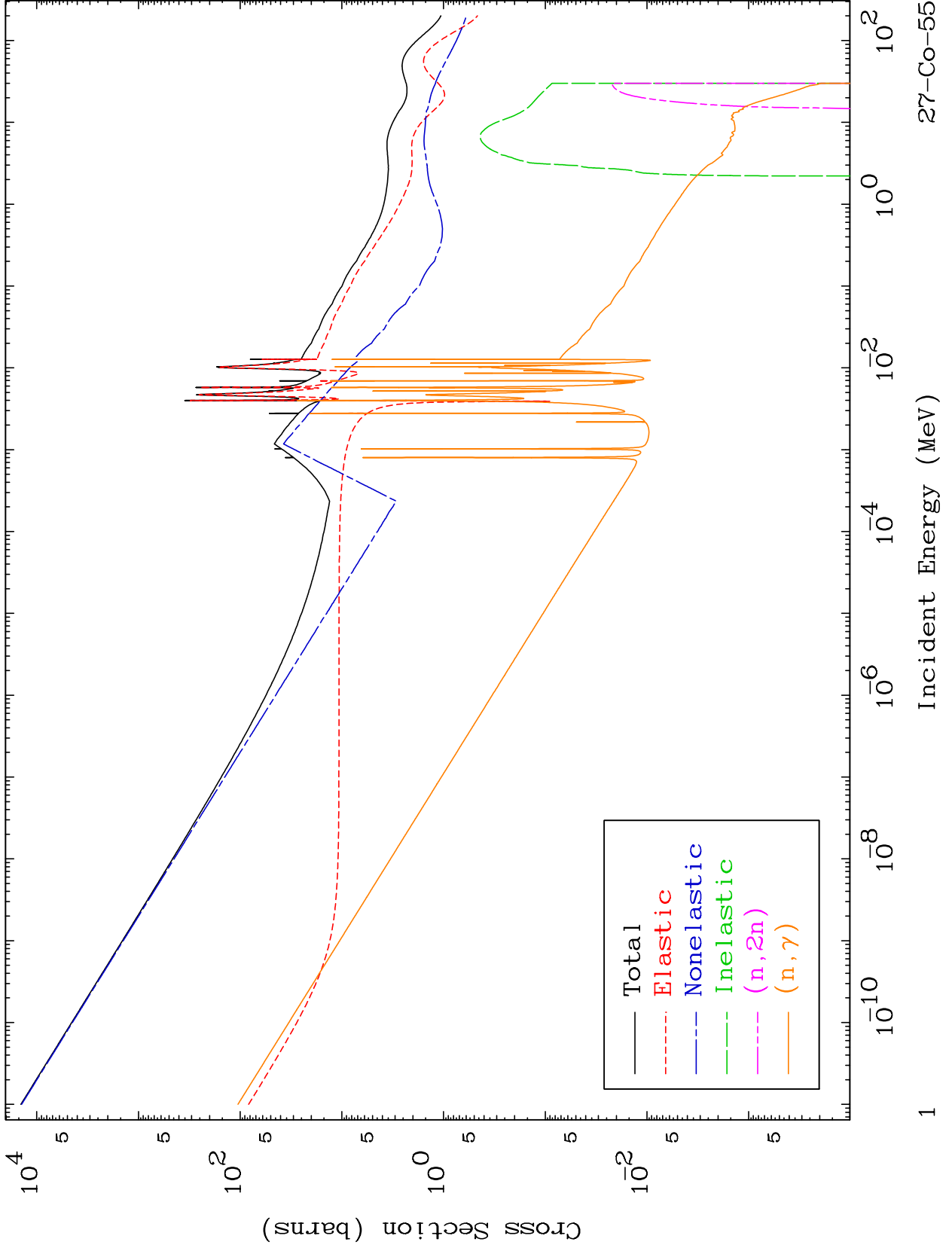
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Press Mouse Button to Start

MAT 2713

Neutron Major
293 Kelvin Cross Sections

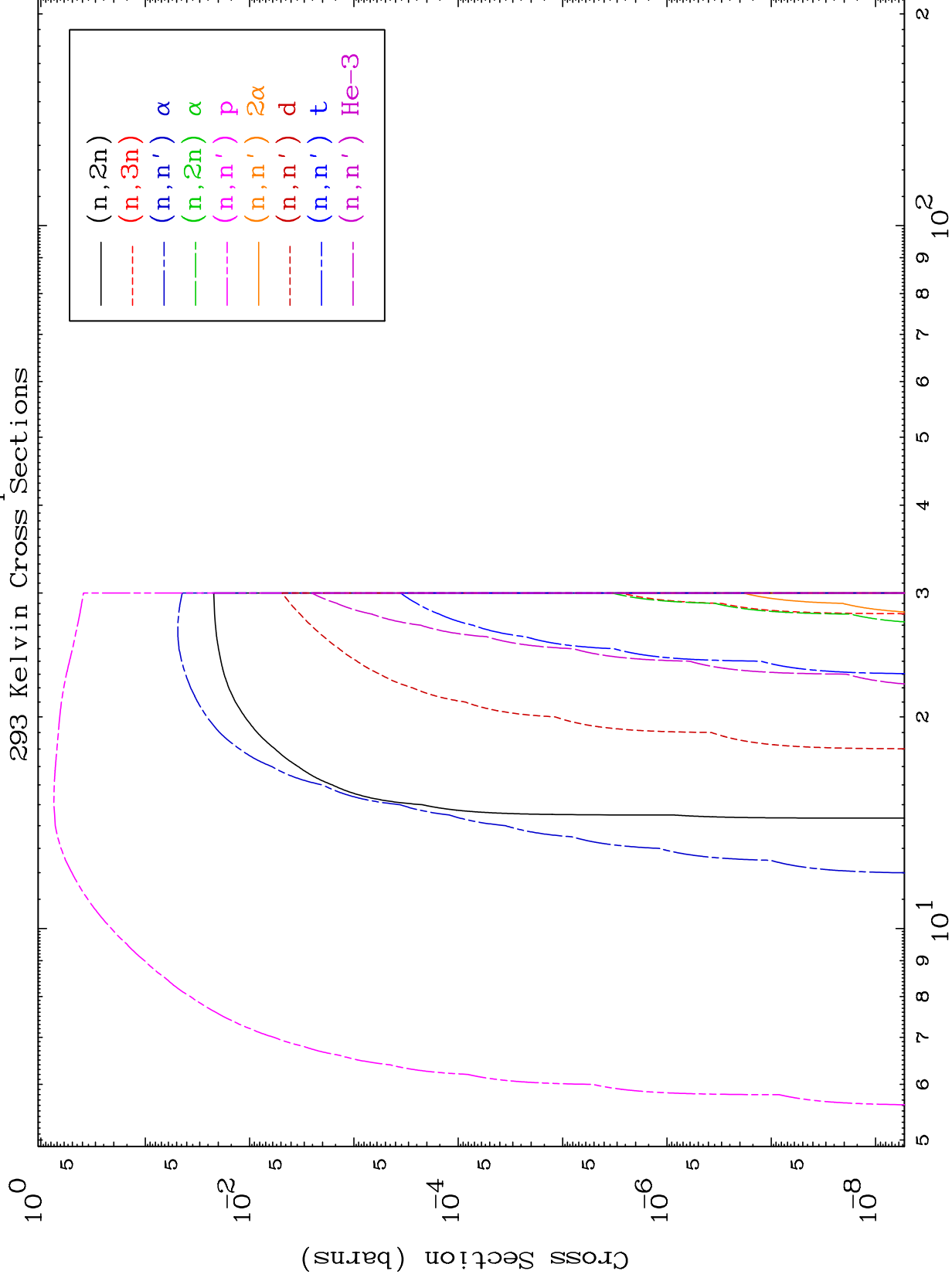
27-Co-55



MAT 2713

Neutron Absorption
293 Kelvin Cross Sections

27-Co-55



2

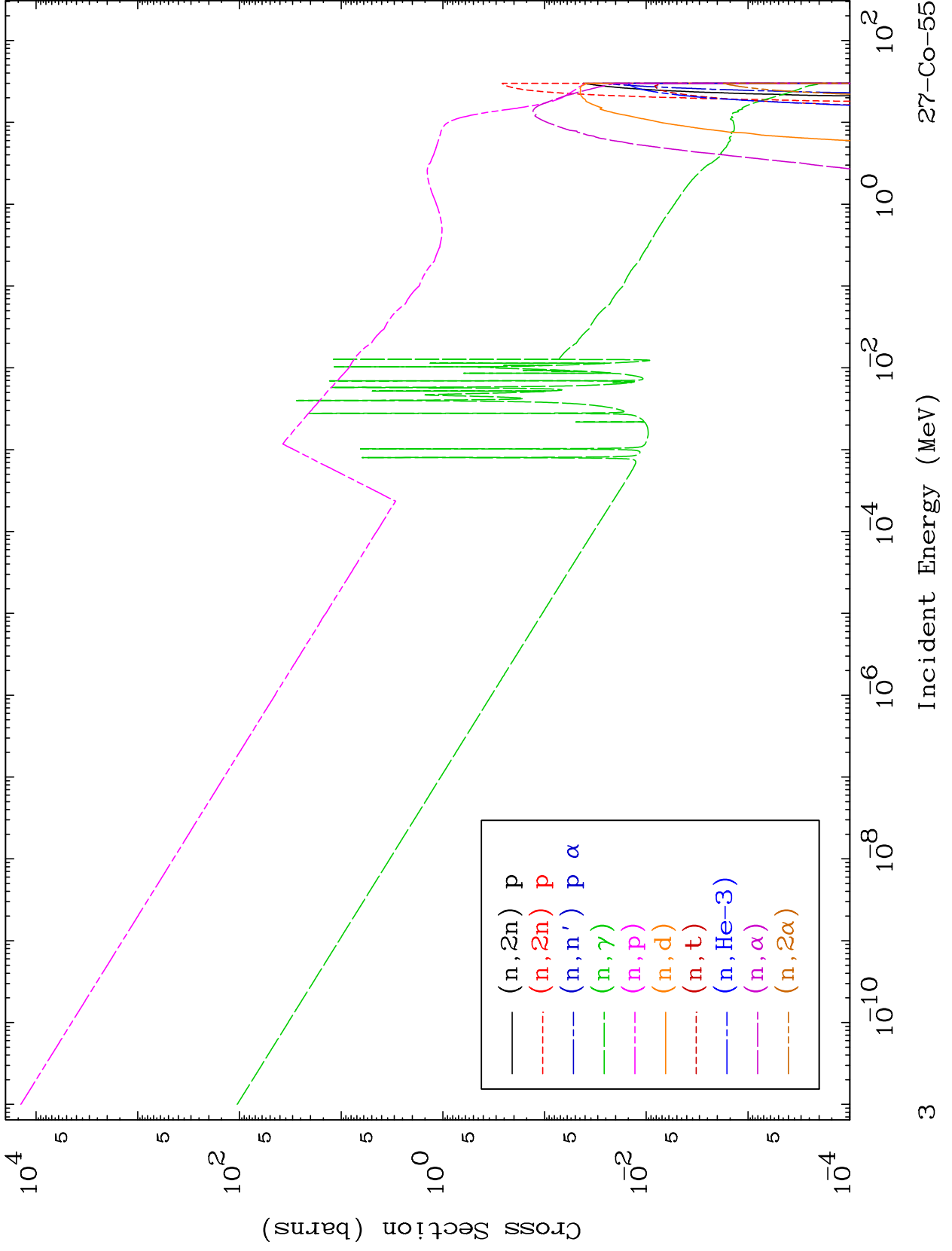
Incident Energy (MeV)

27-Co-55

MAT 2713

Neutron Absorption
293 Kelvin Cross Sections

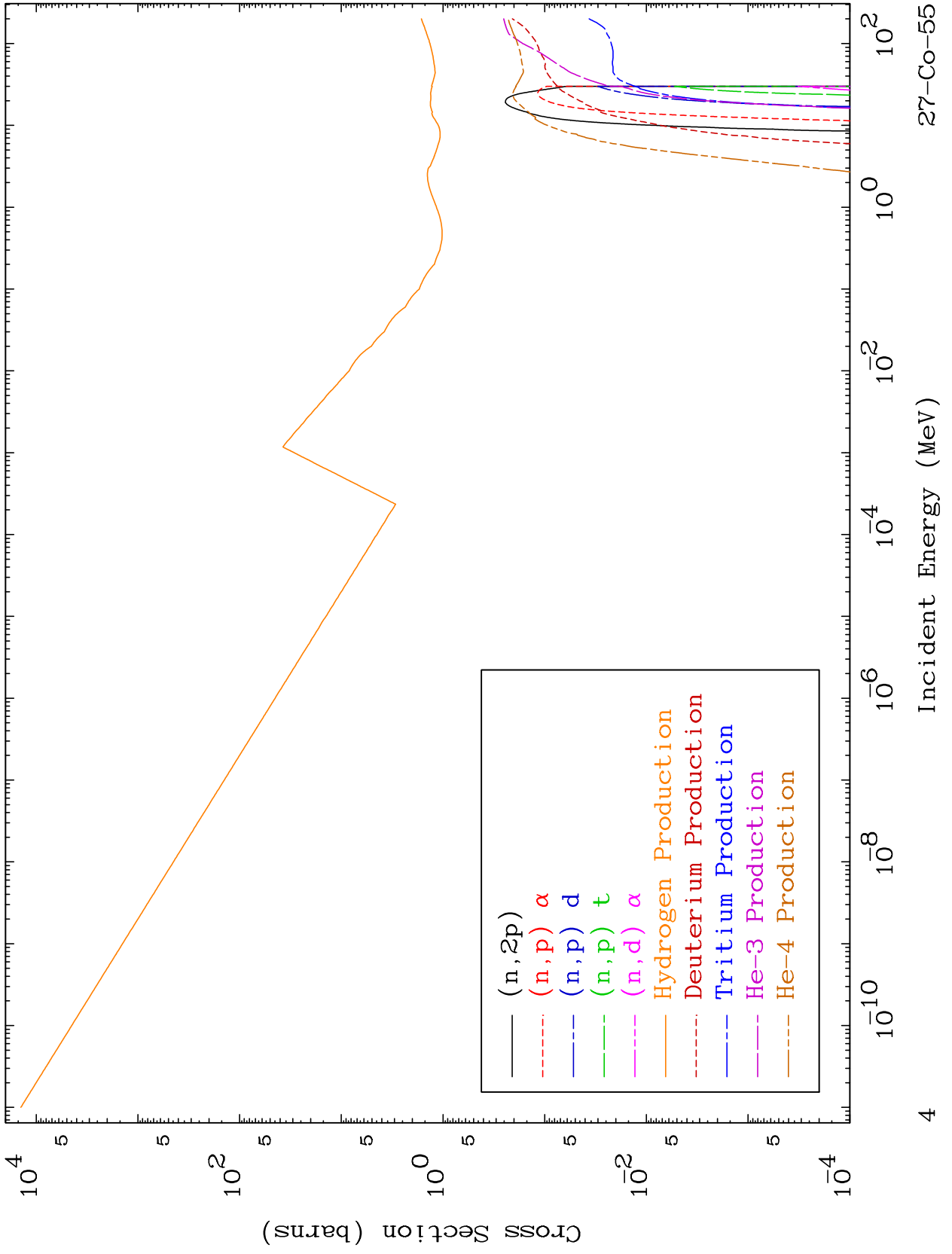
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MAT 2713

Neutron Absorption
293 Kelvin Cross Sections

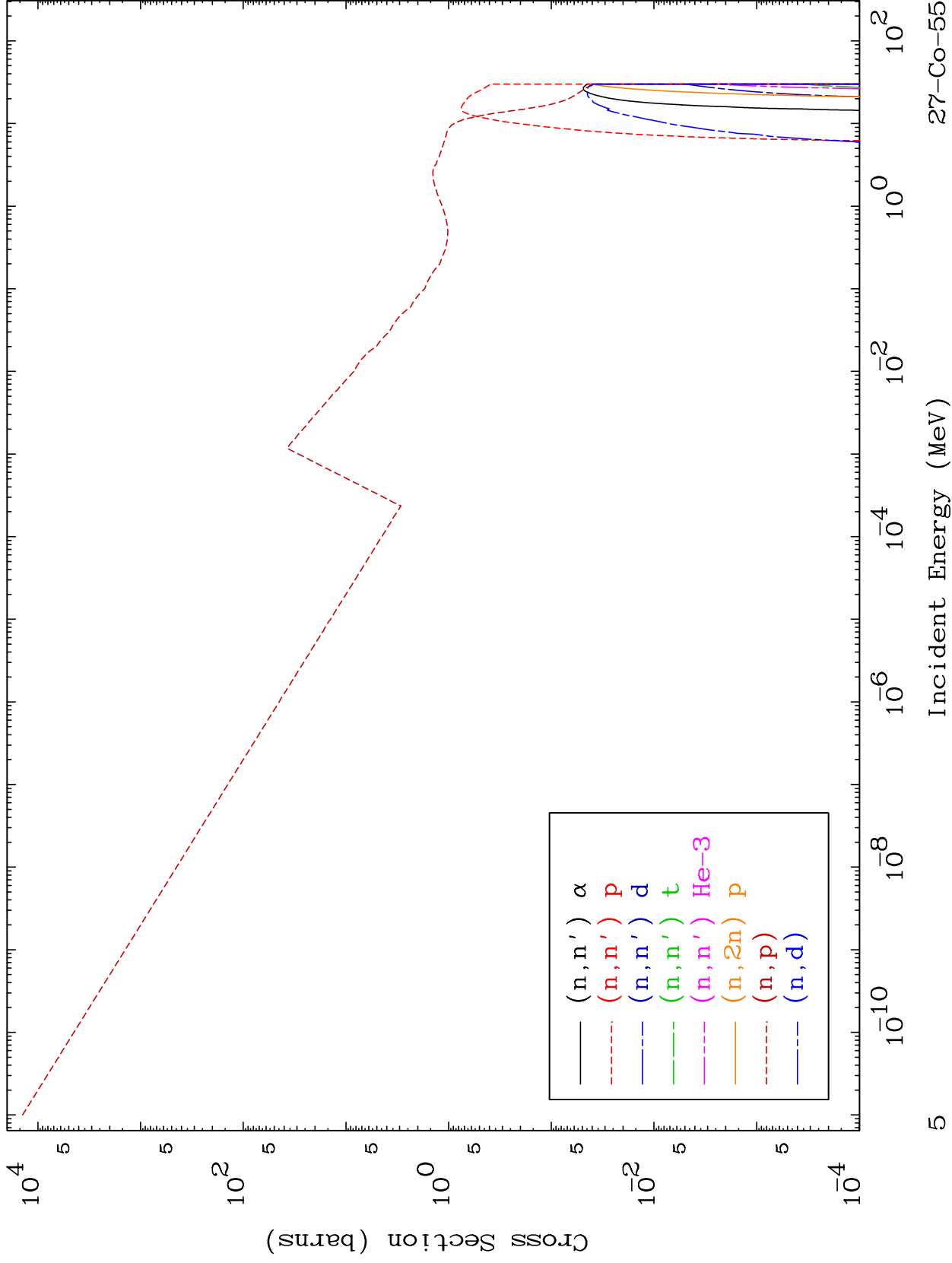
27-Co-55



MAT 2713

Charged Particle
293 Kelvin Cross Sections

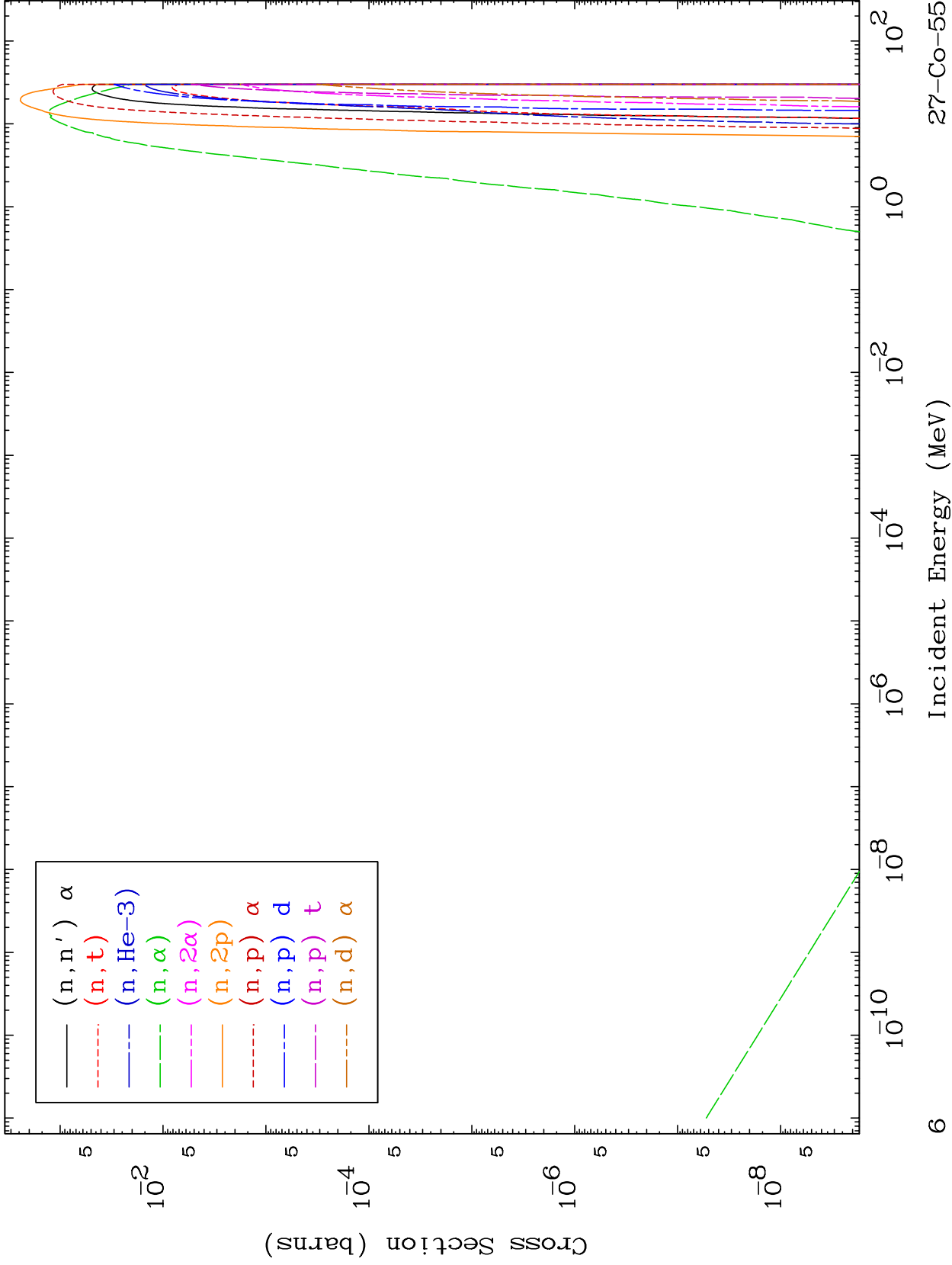
27-Co-55



MAT 2713

Charged Particle
293 Kelvin Cross Sections

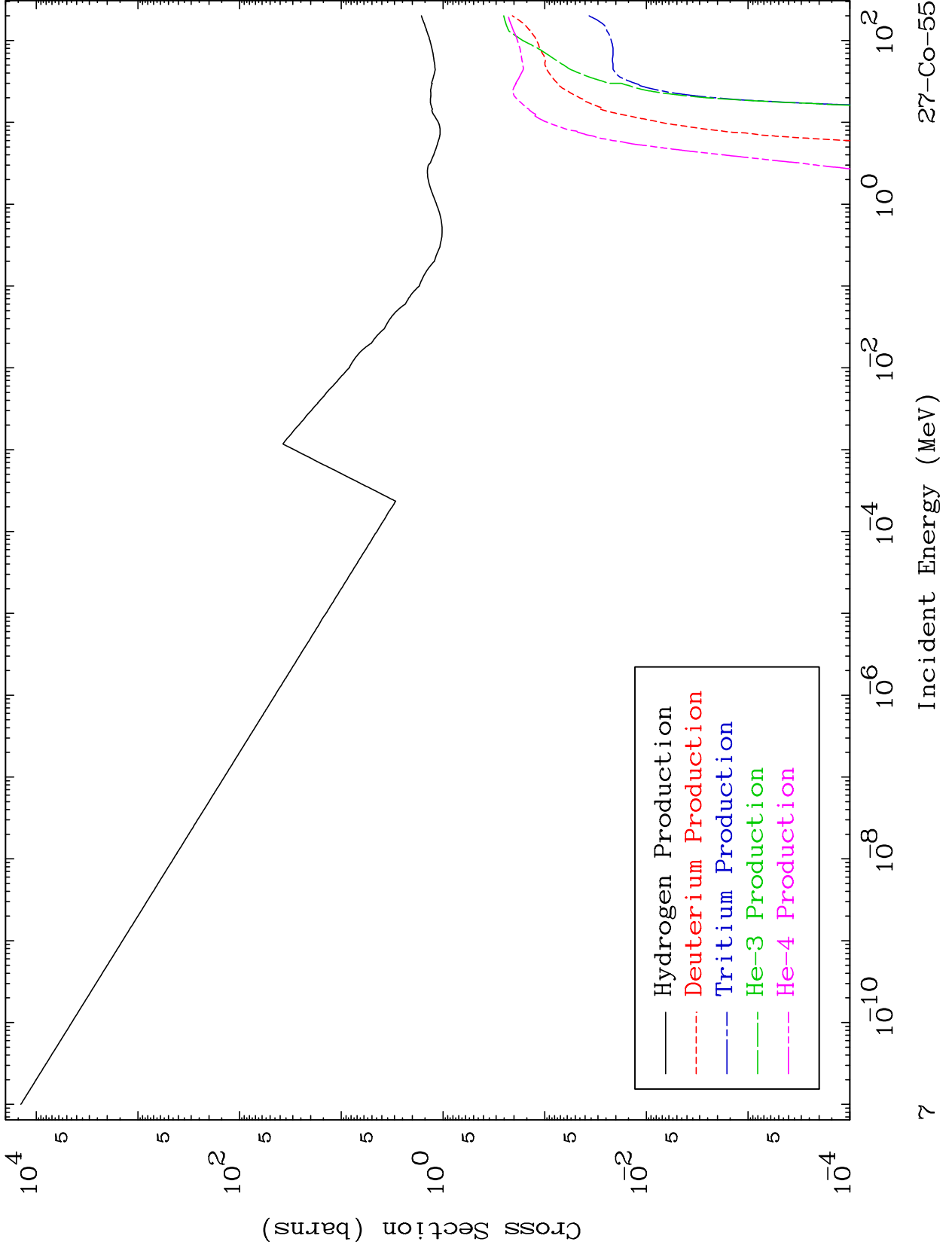
27-Co-55



MAT 2713

Particle Production
293 Kelvin Cross Sections

27-Co-55

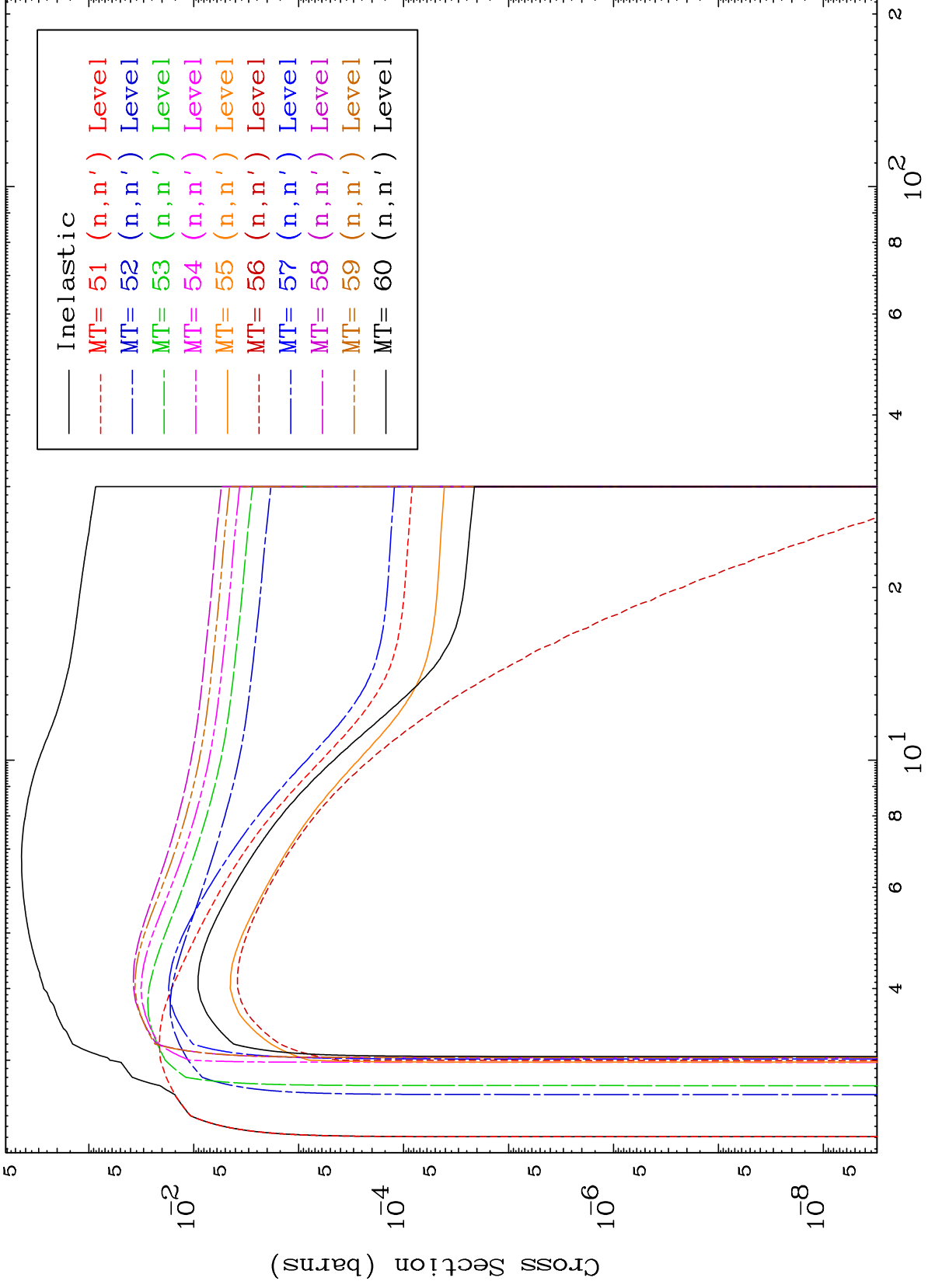


MAT 2713

(n,n') Levels

293 Kelvin Cross Sections

27-Co-55

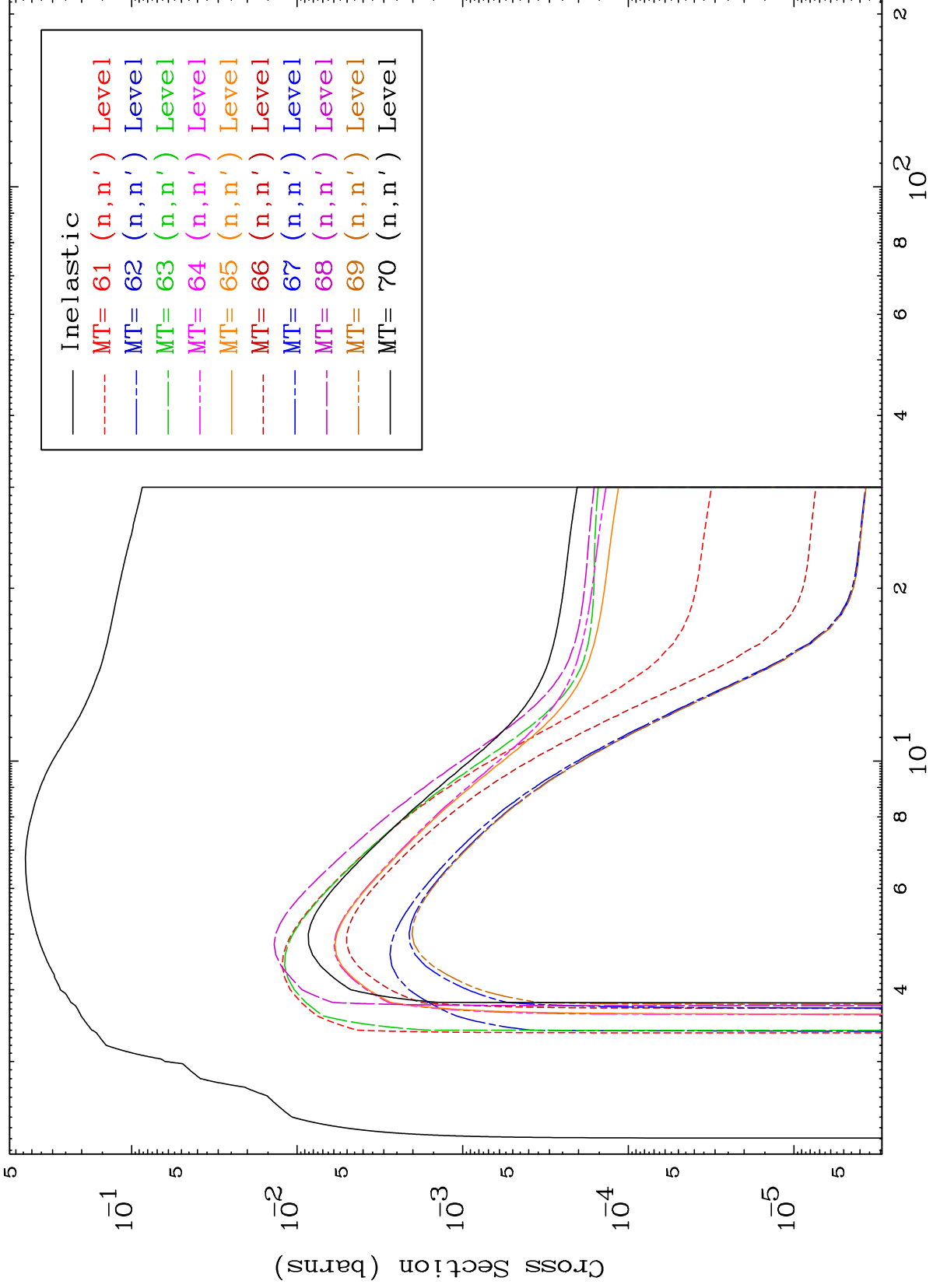


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Incident Energy (MeV)

27-Co-55

293 Kelvin Cross Sections

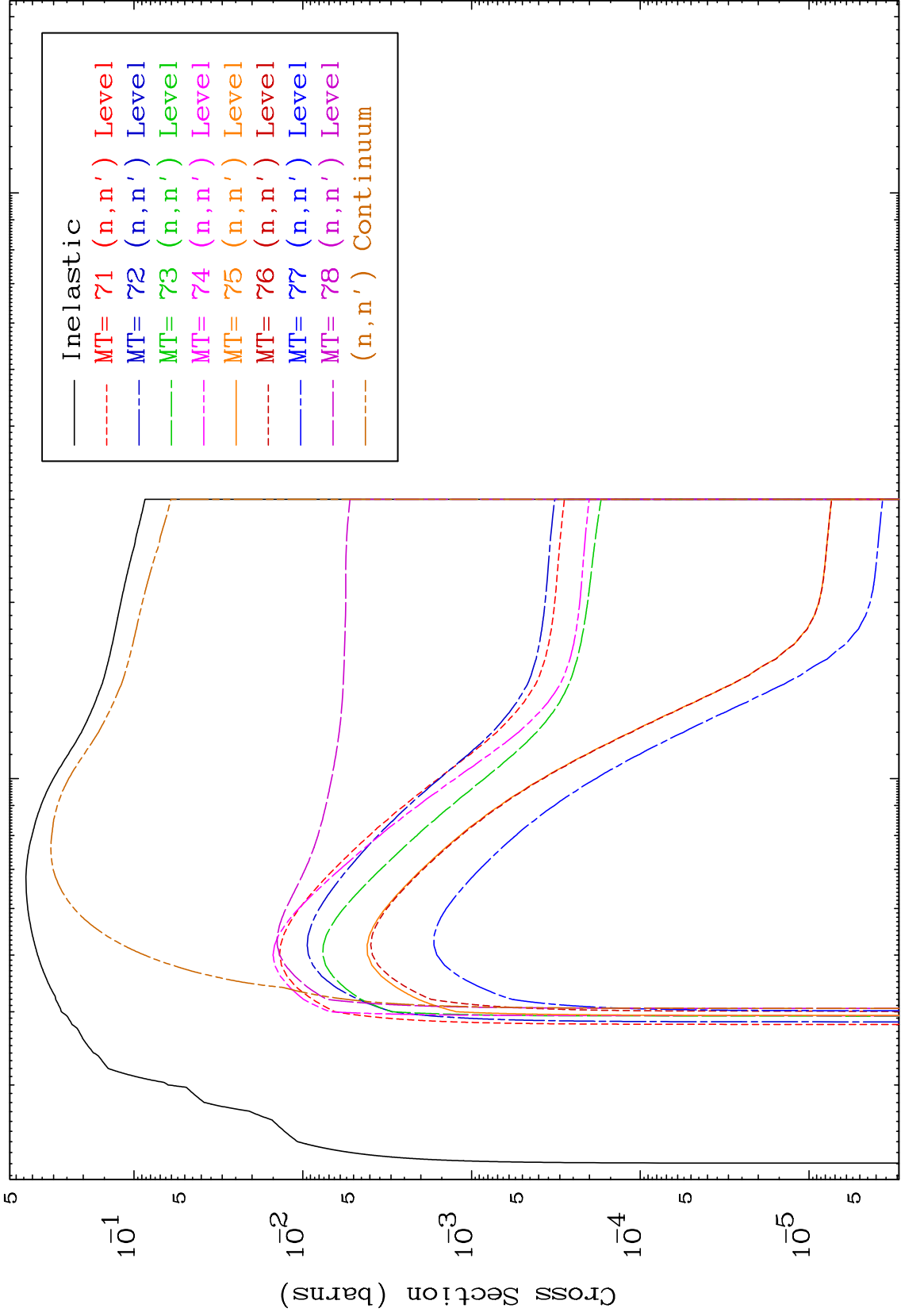


MAT 2713

(n,n') Levels

27-Co-55

293 Kelvin Cross Sections



10

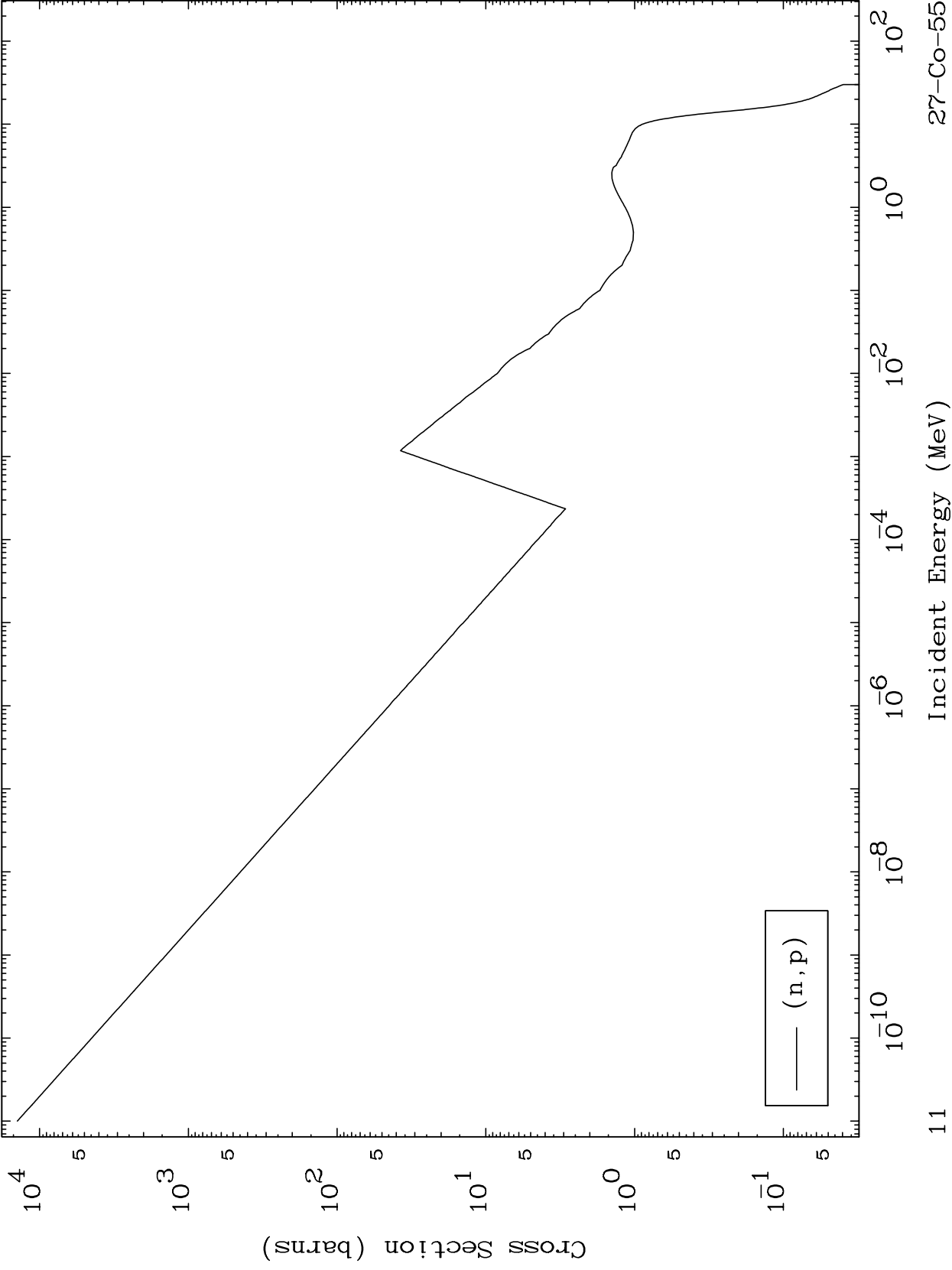
Incident Energy (MeV)

27-Co-55

MAT 2713

(n,p) Levels
293 Kelvin Cross Sections

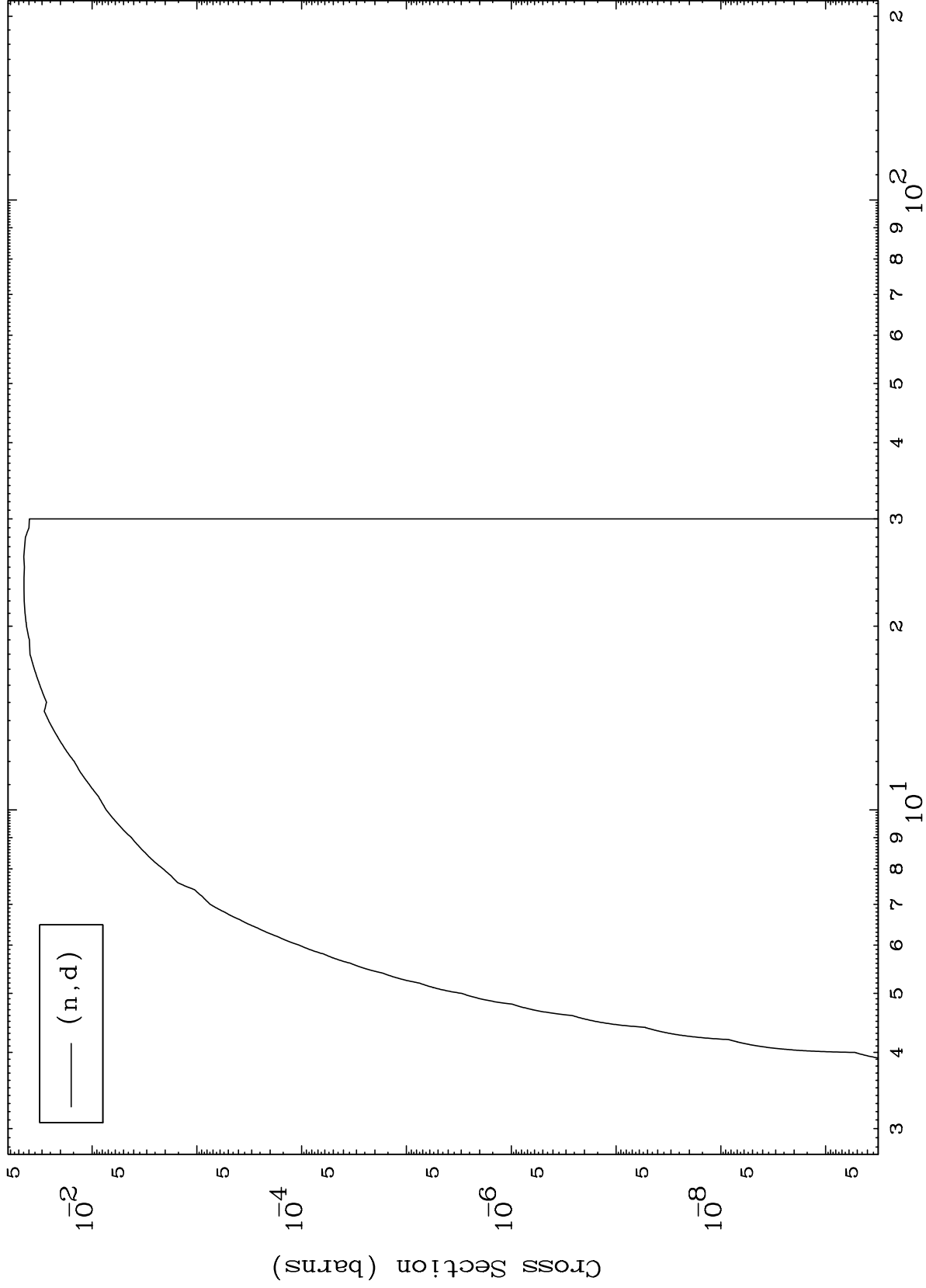
27-Co-55



MAT 2713

(n,d) Levels
293 Kelvin Cross Sections

27-Co-55



12

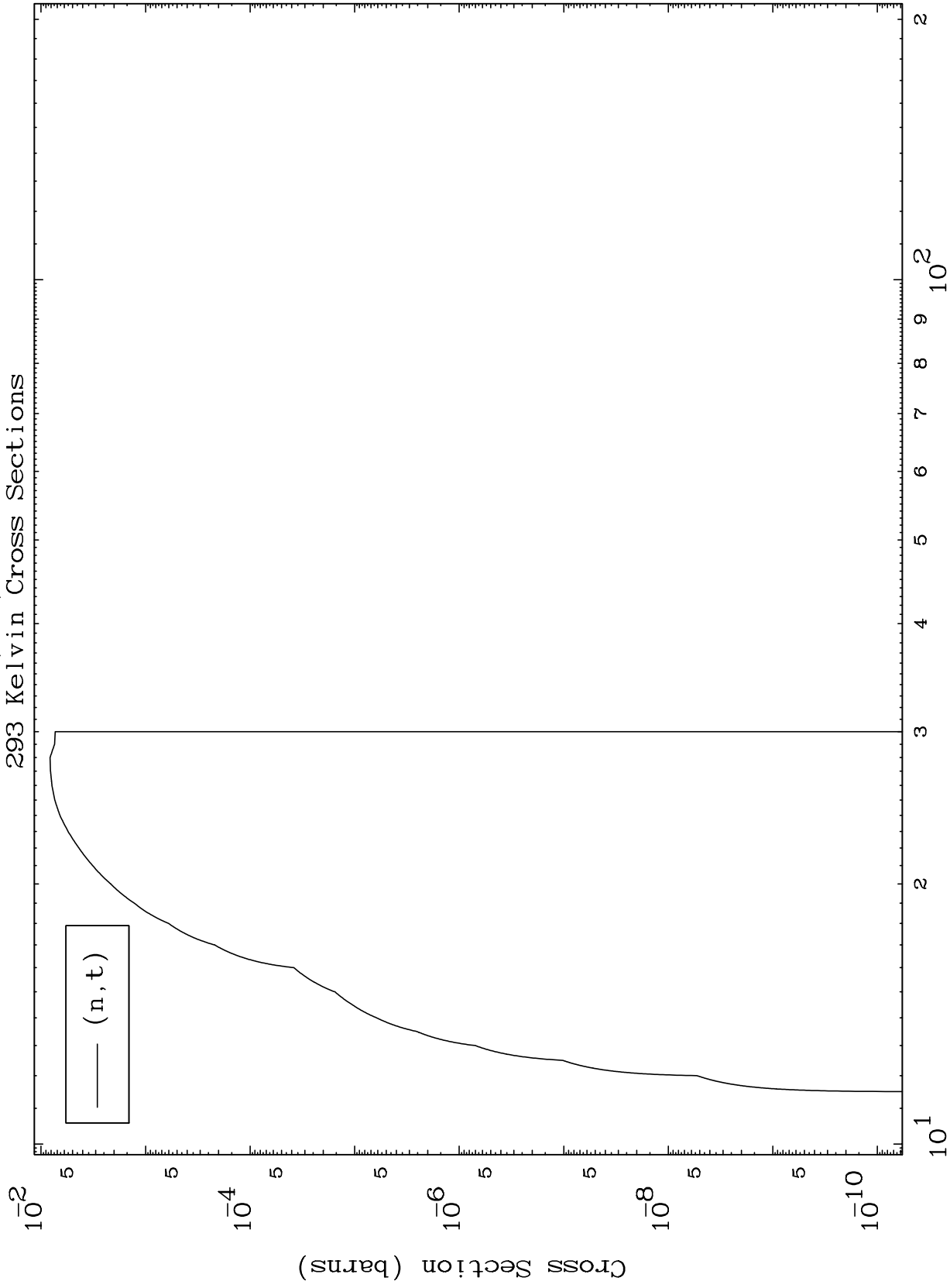
Incident Energy (MeV)

27-Co-55

MAT 2713

(n,t) Levels
293 Kelvin Cross Sections

27-Co-55



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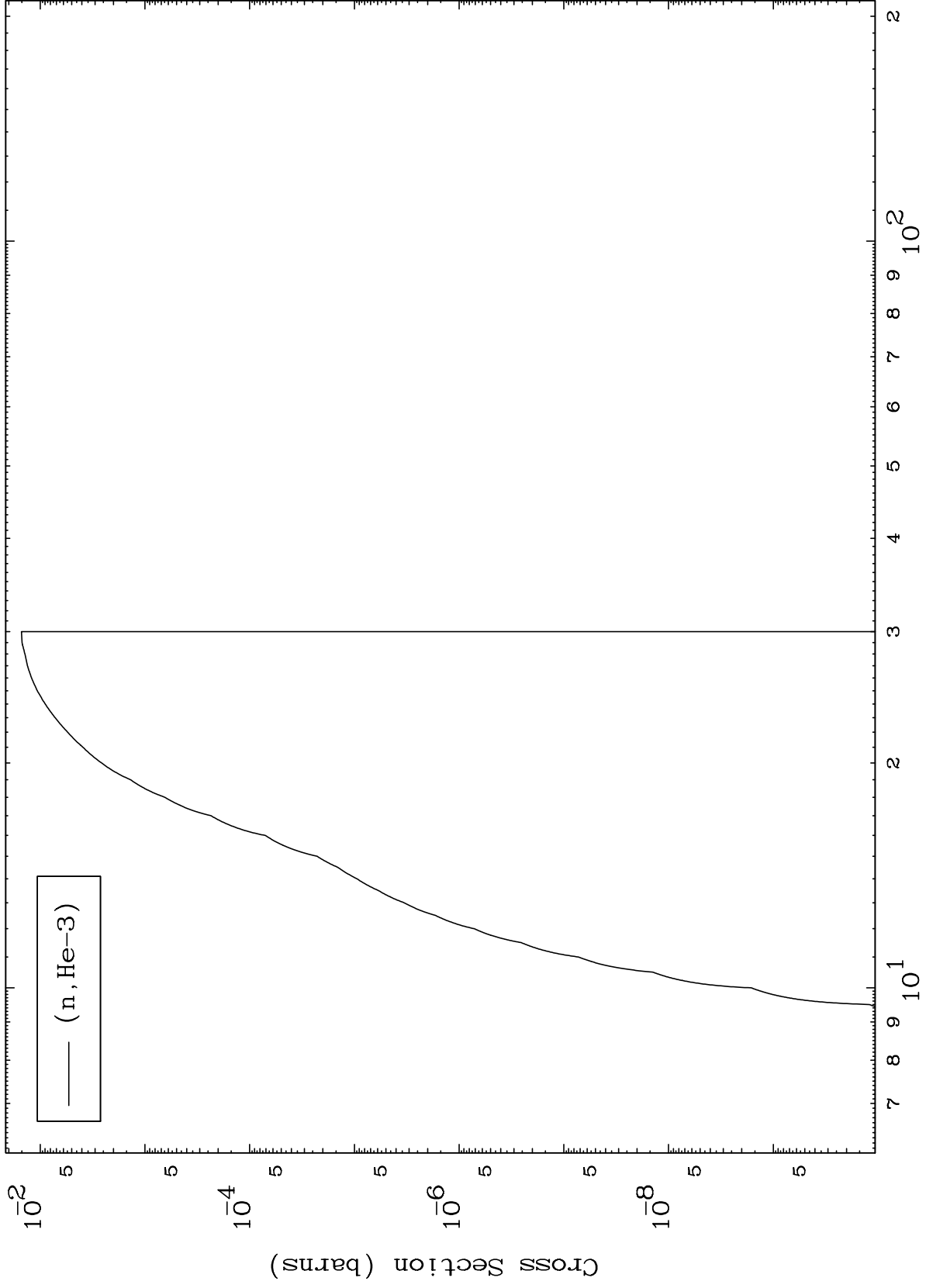
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MAT 2713

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-55



14

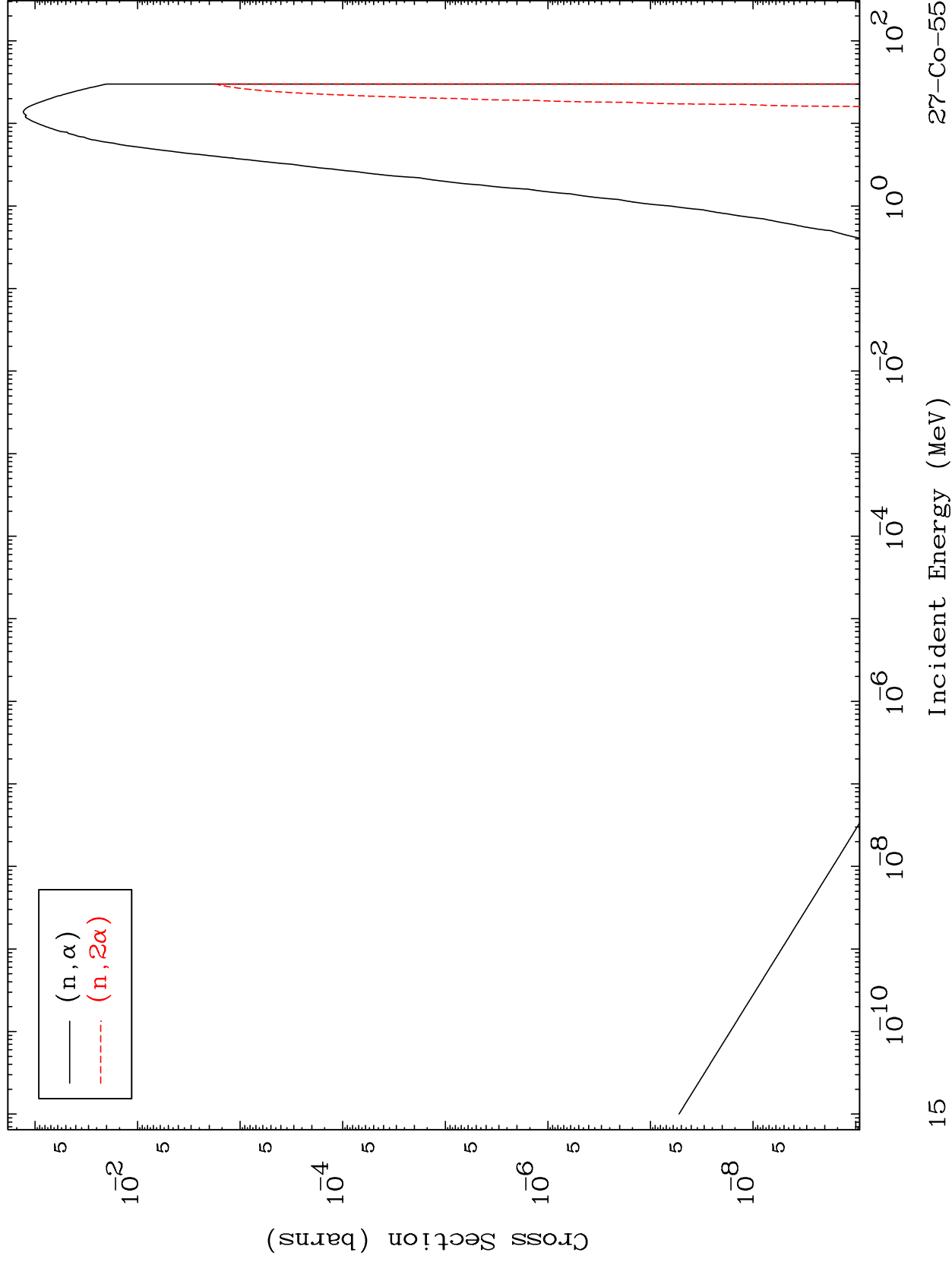
Incident Energy (MeV)

27-Co-55

MAT 2713

(n, α) Levels
293 Kelvin Cross Sections

27-Co-55

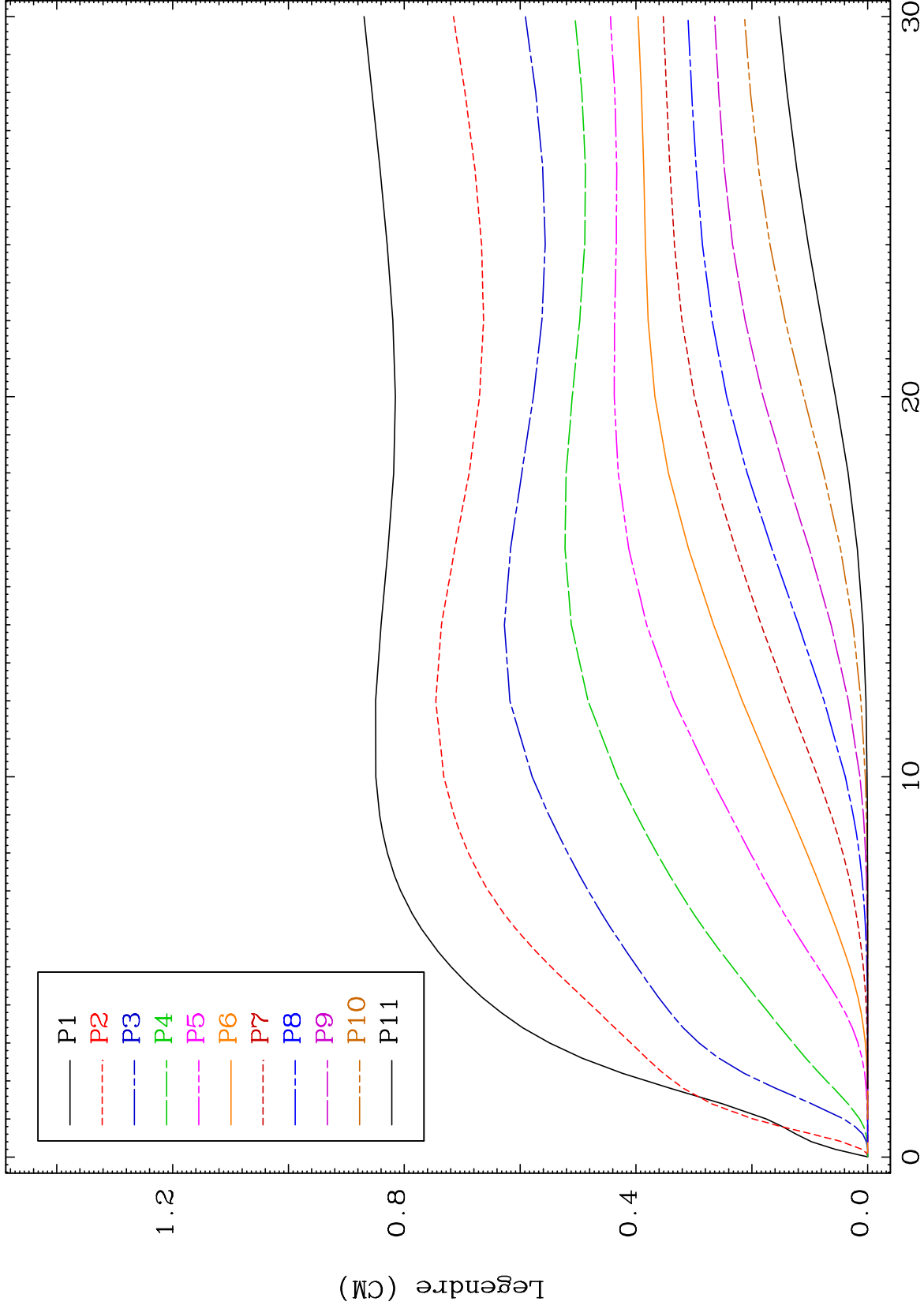


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MAT 2713

Elastic Legendre Coefficients

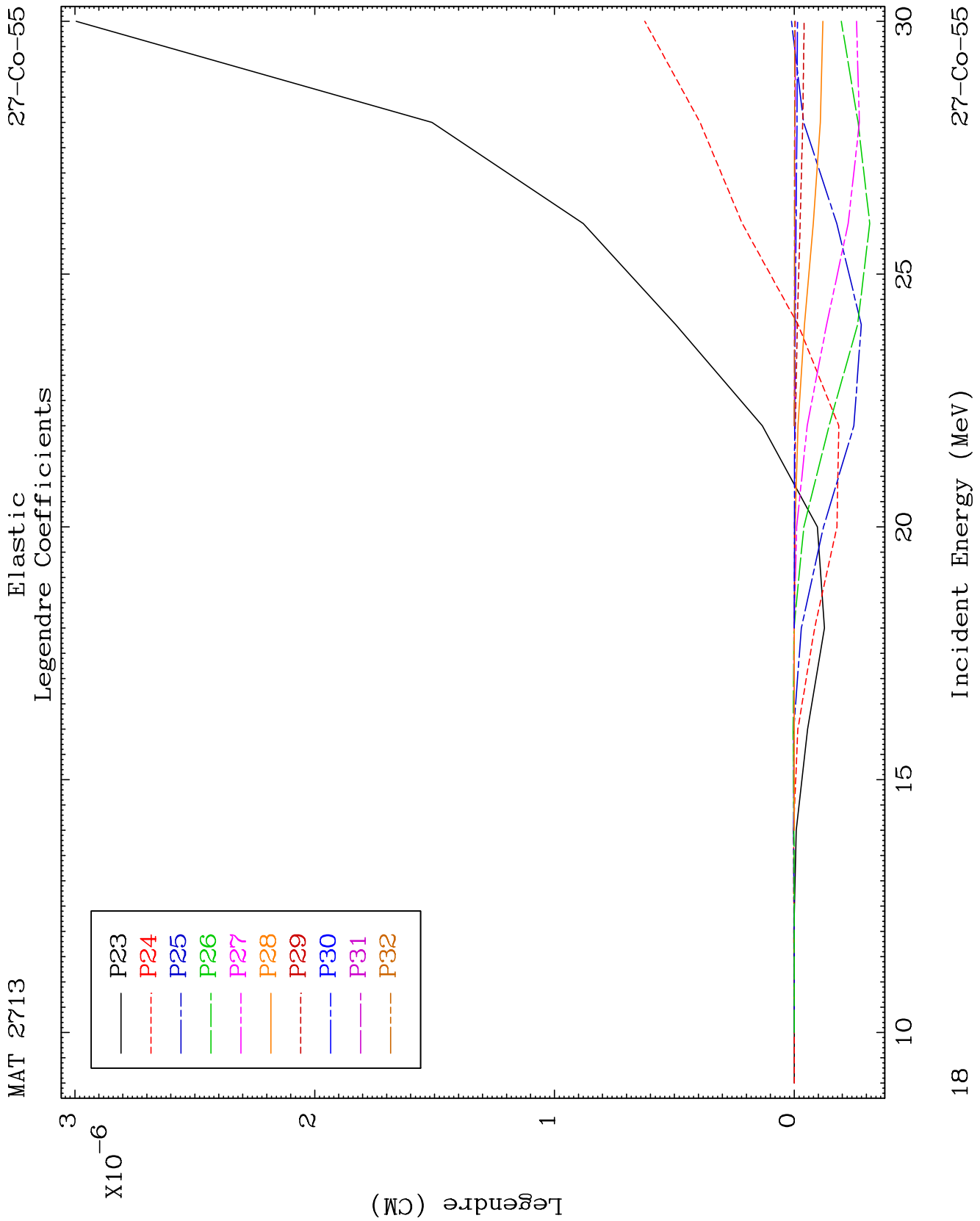
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Incident Energy (MeV)

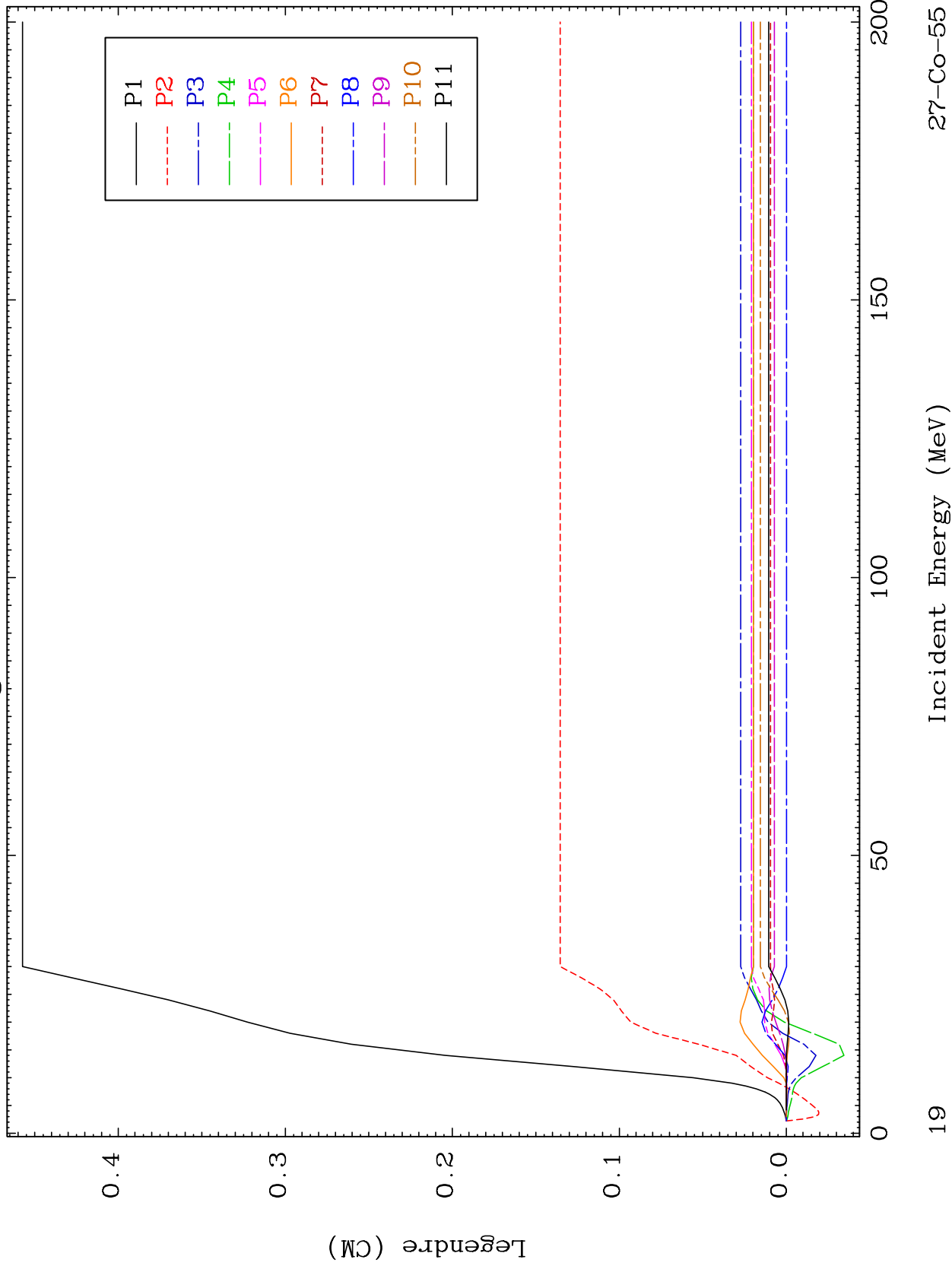
27-Co-55



MAT 2713

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

27-Co-55



27-Co-55

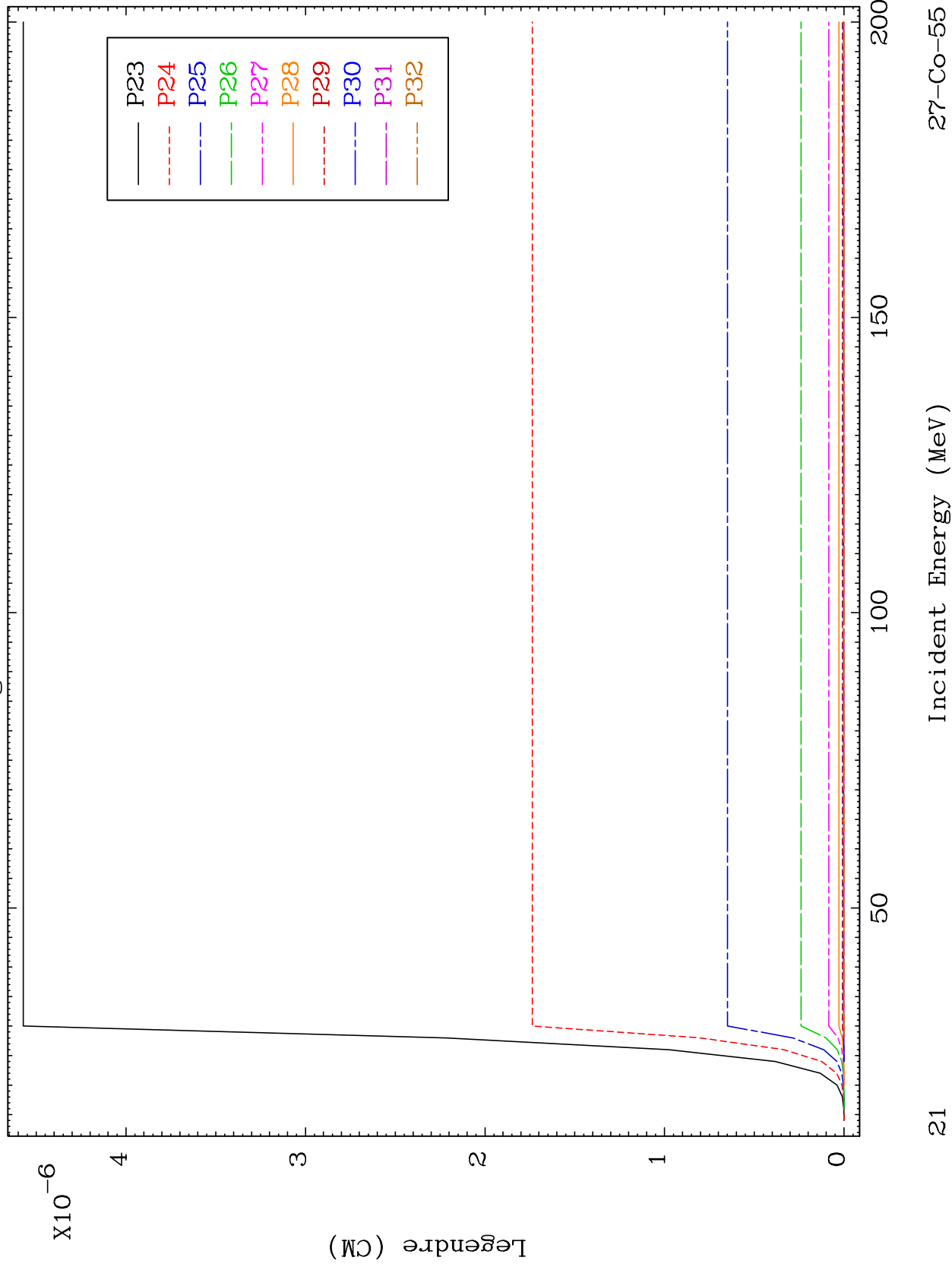
Incident Energy (MeV)

19

MAT 2713

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

27-Co-55



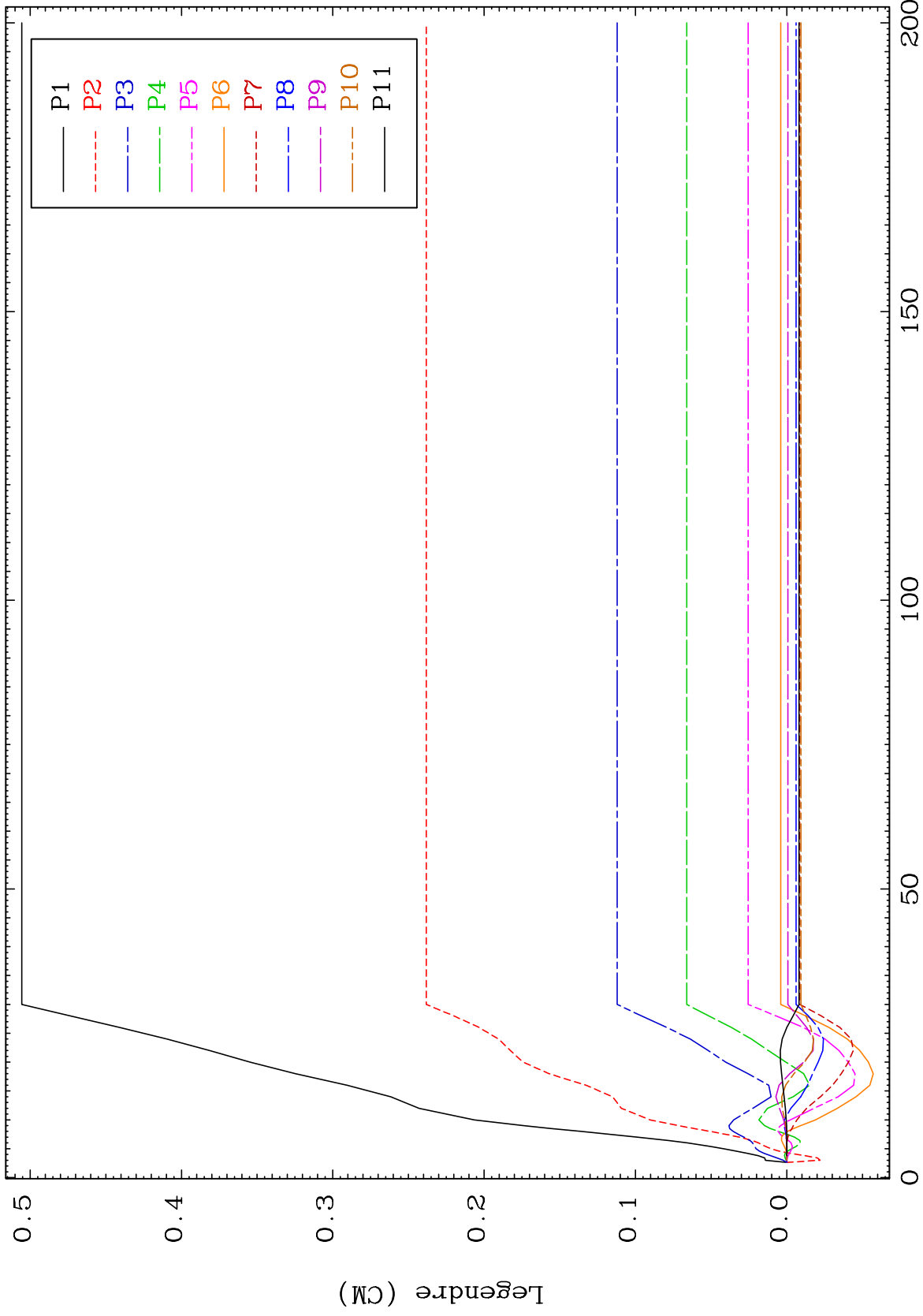
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27-Co-55

MAT 2713

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

27-Co-55



22

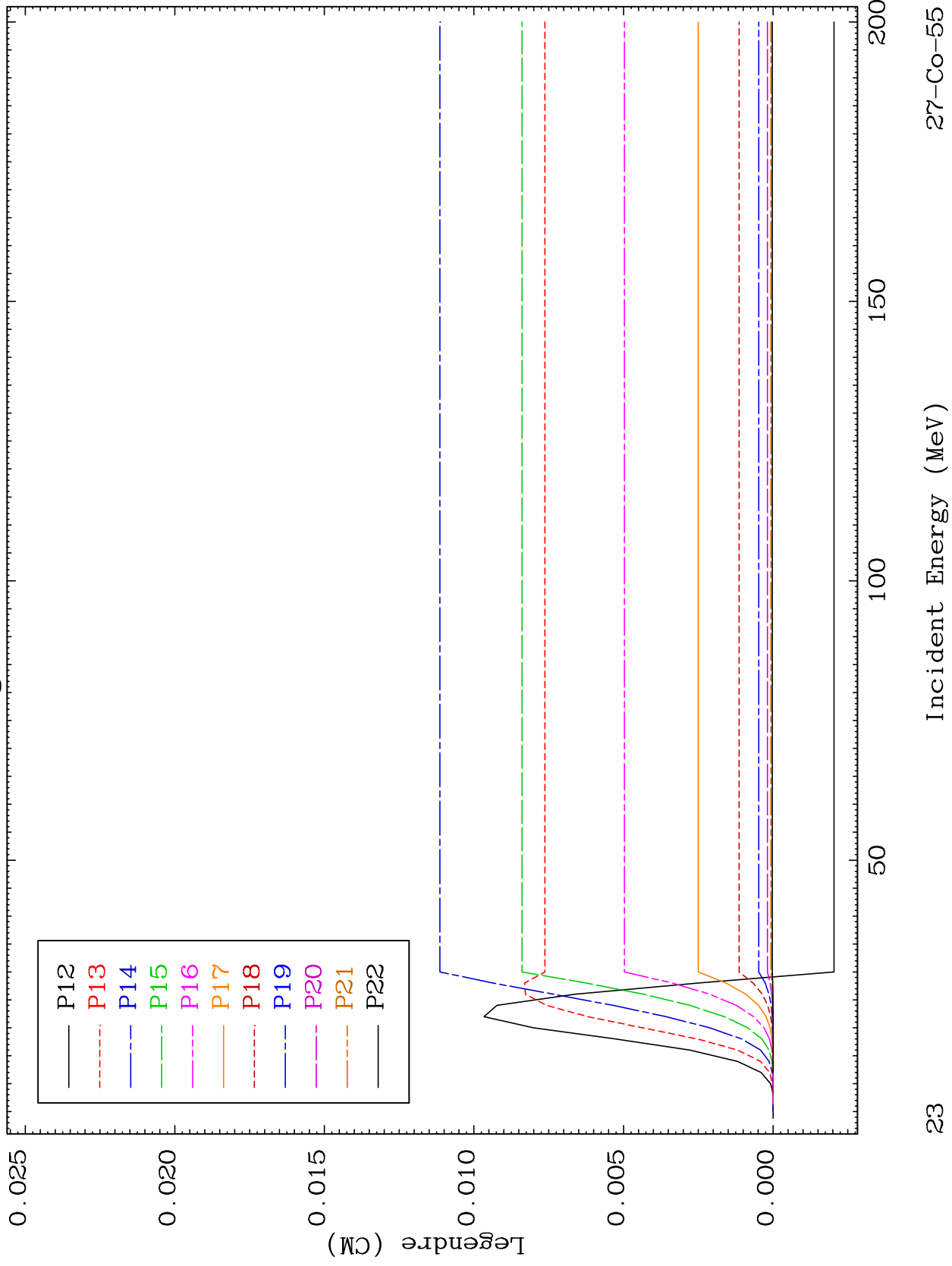
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



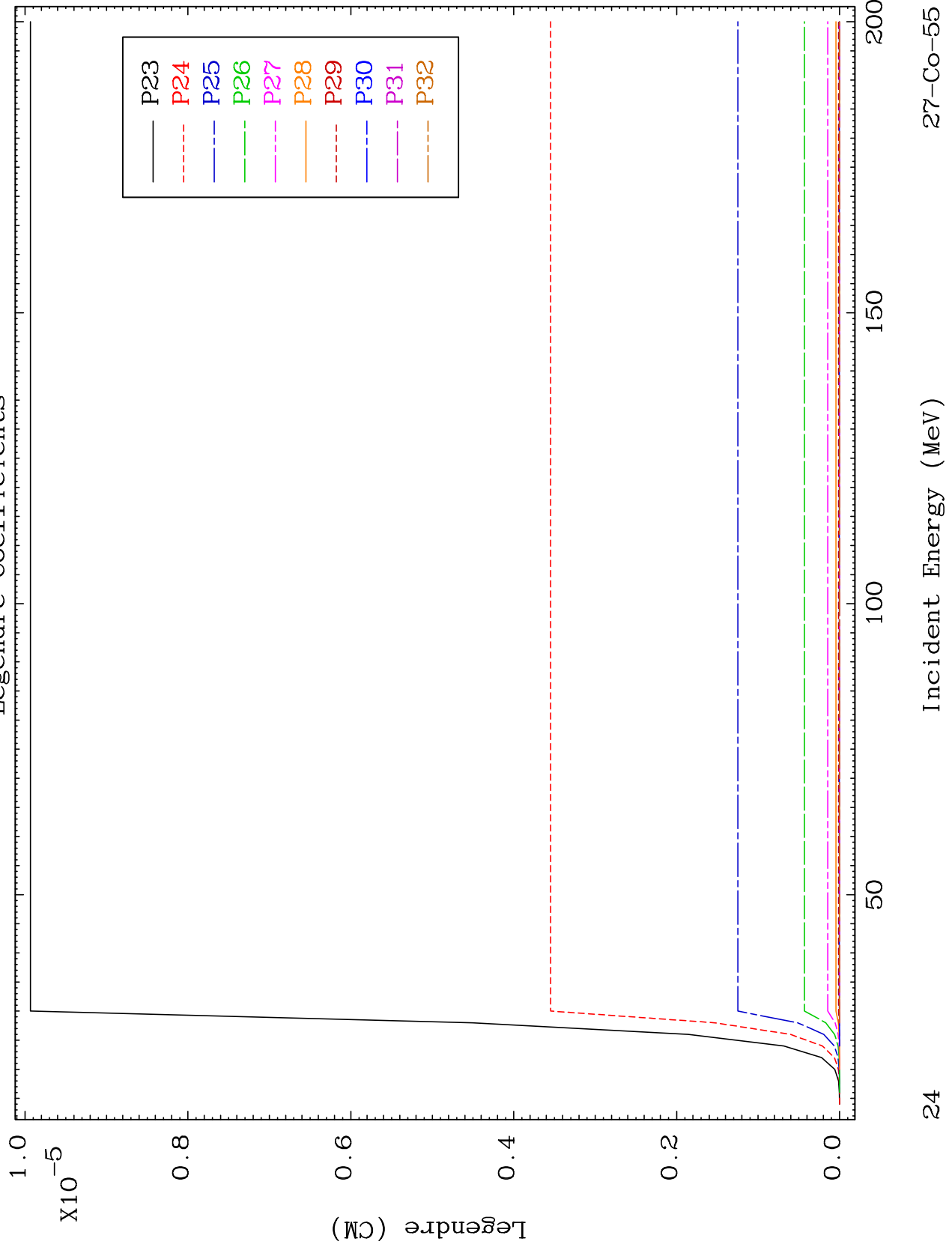
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MAT 2713

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

27-Co-55

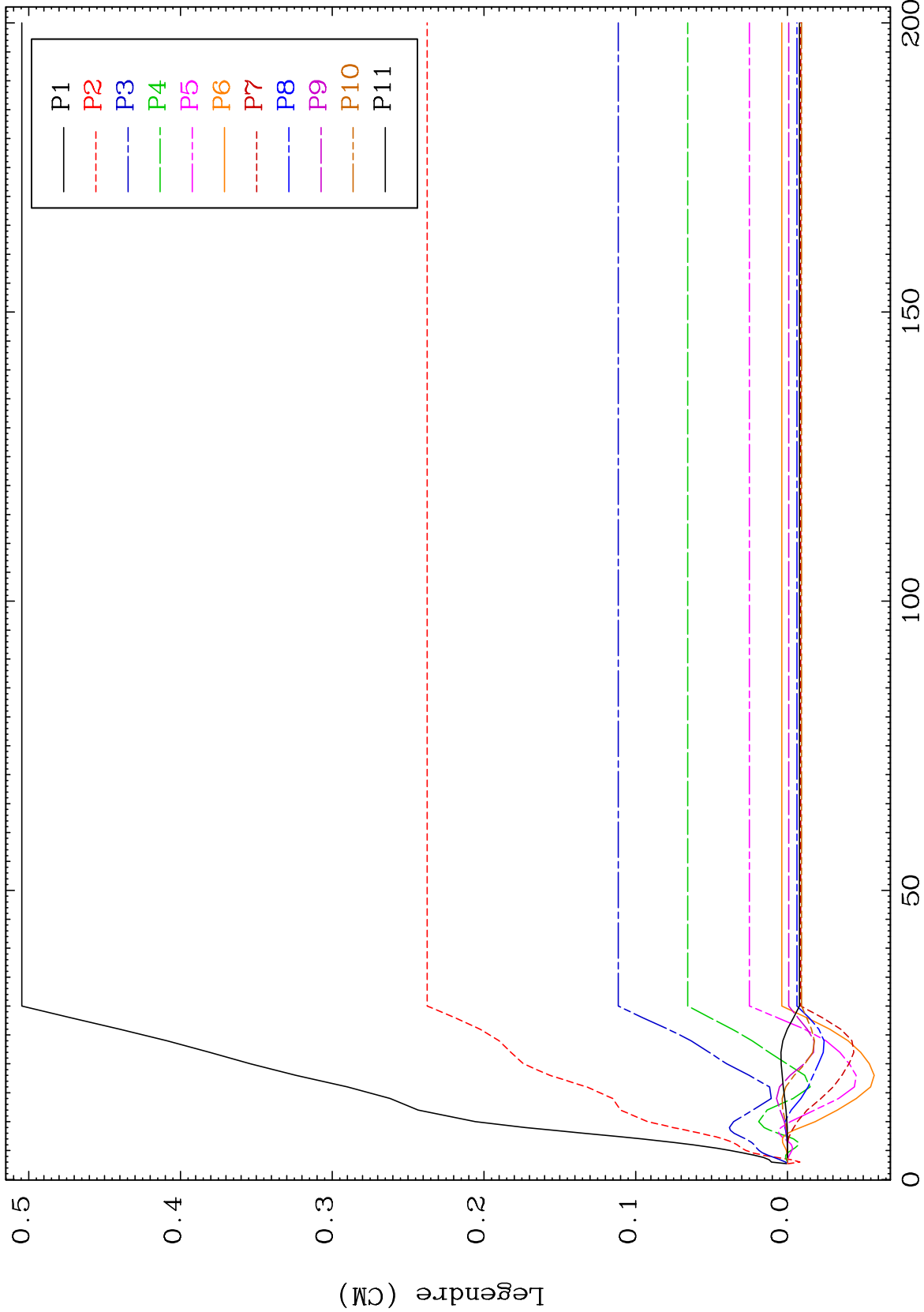


MAT 2713

MT= 53 (n,n') Level

27-Co-55

Legendre Coefficients



25

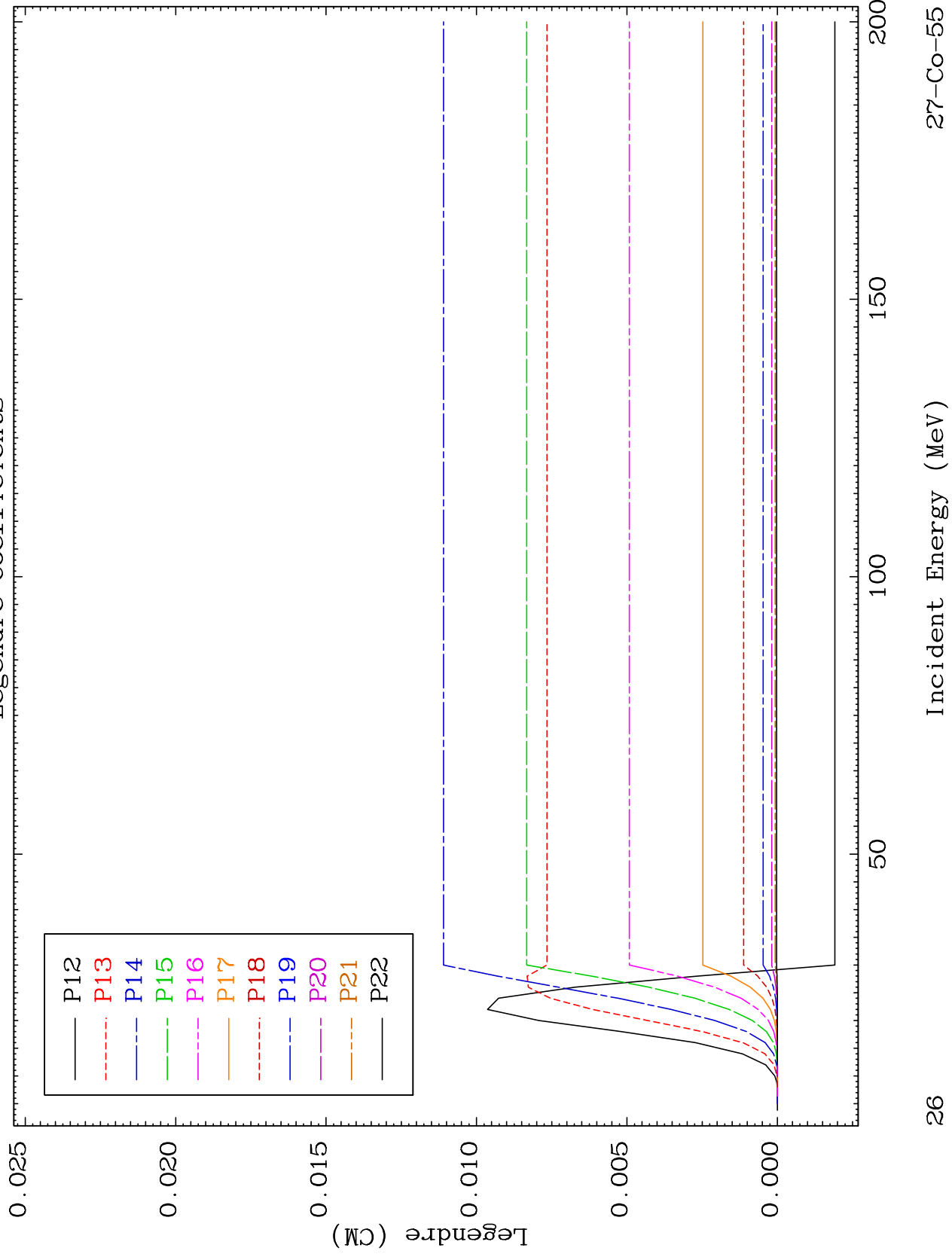
Incident Energy (MeV)

27-Co-55

MAT 2713

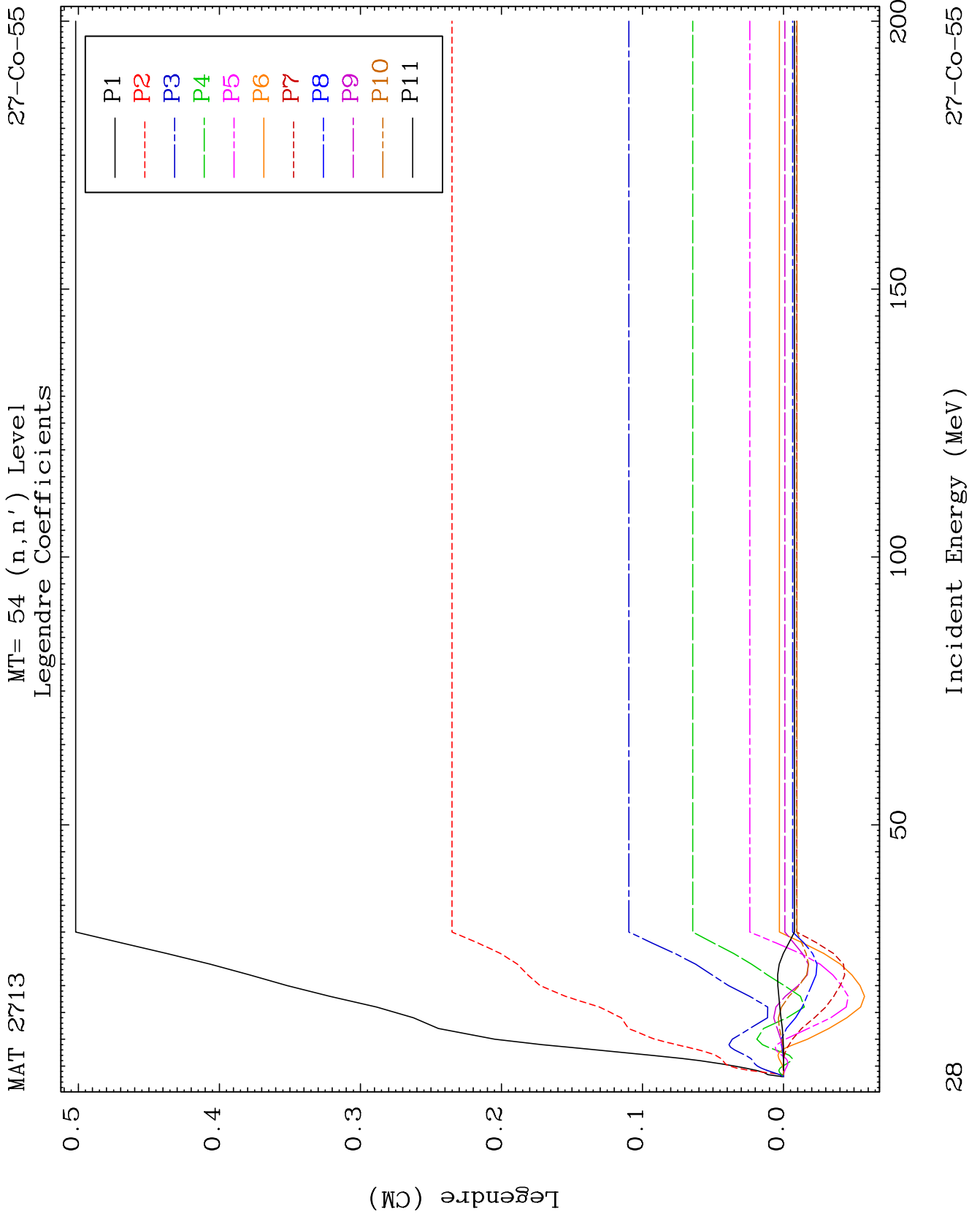
MT= 53 (n,n') Level
Legendre Coefficients

27-Co-55



26

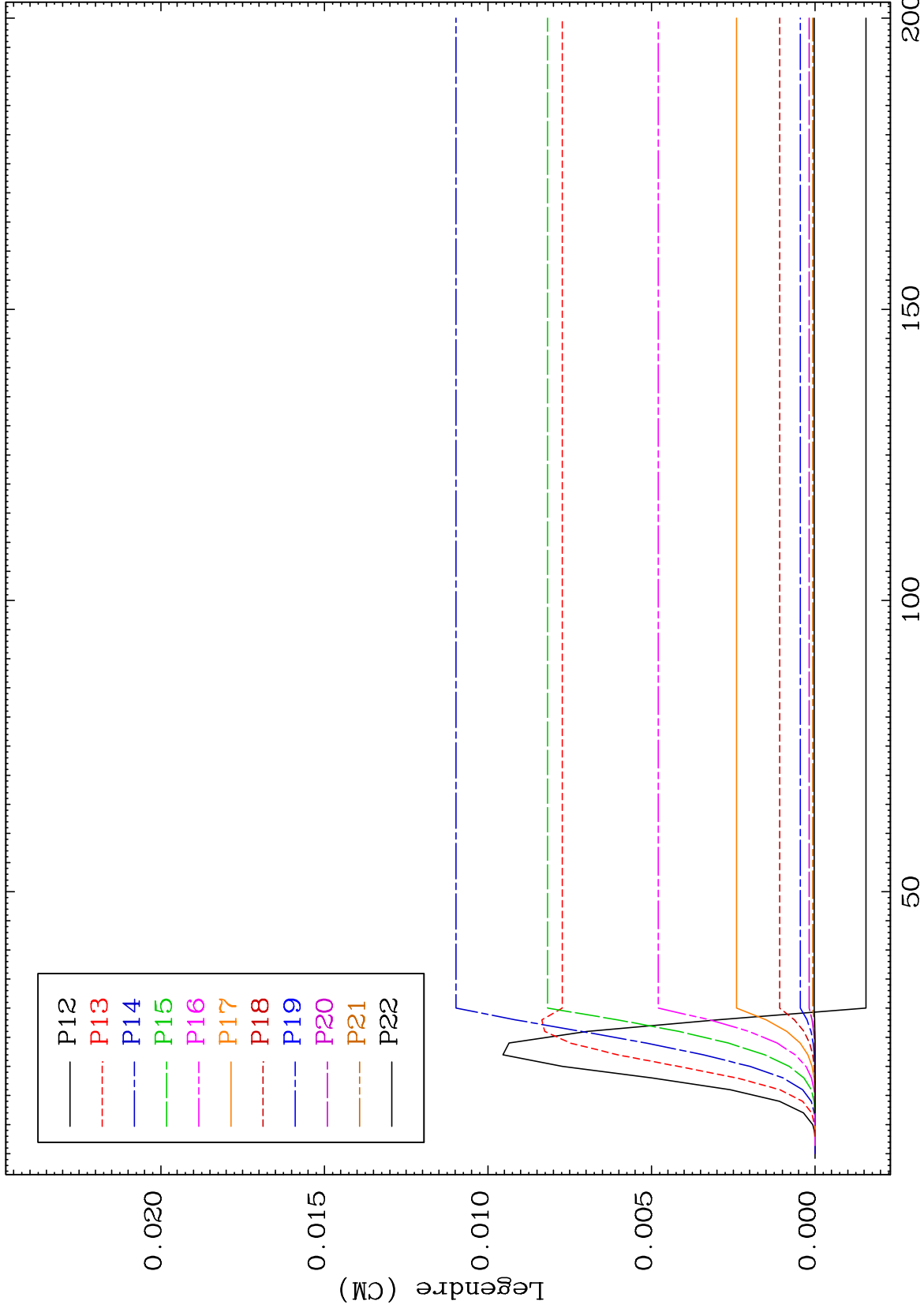
27-Co-55



MAT 2713

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

27-Co-55



29

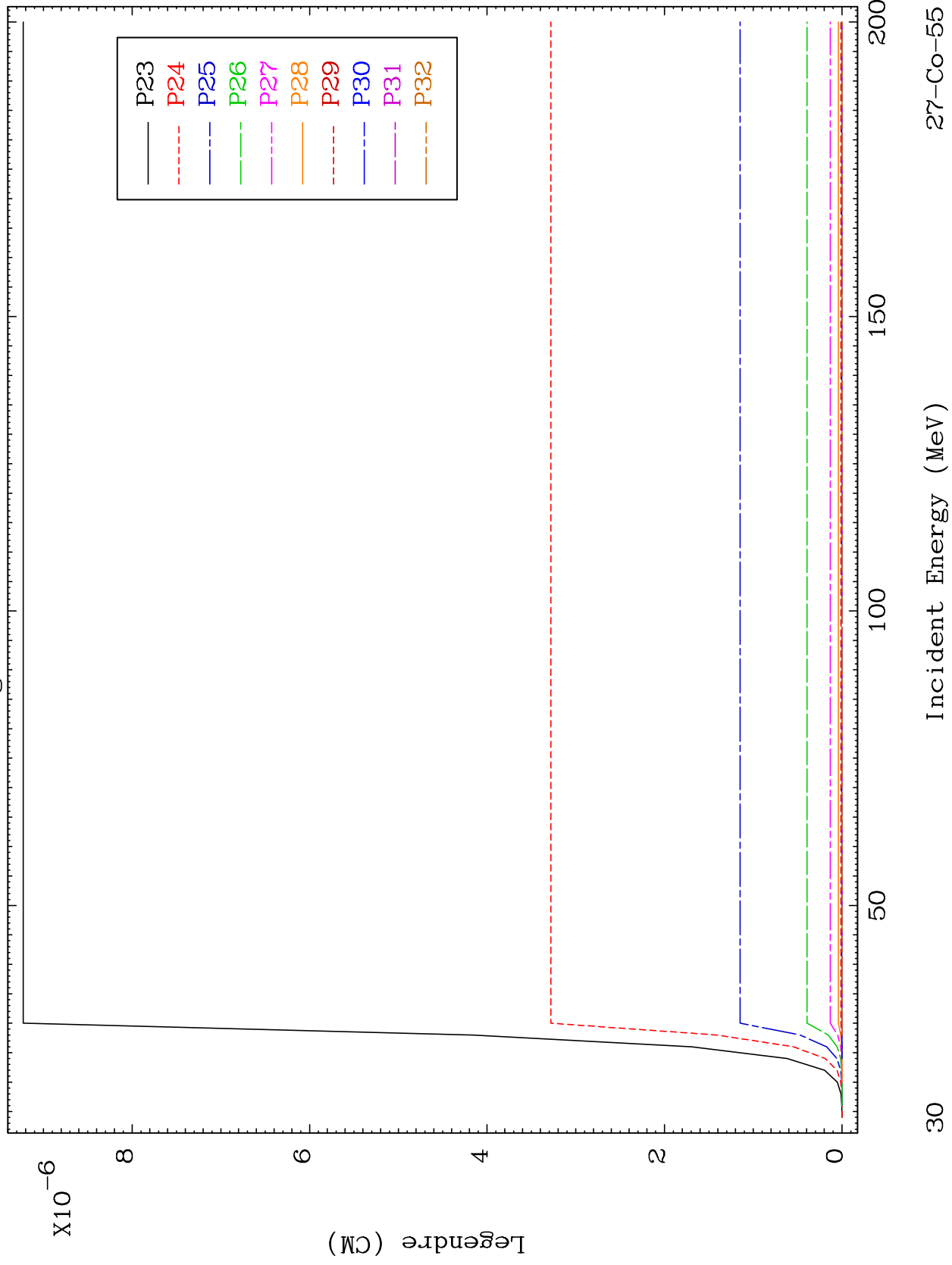
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



27-Co-55

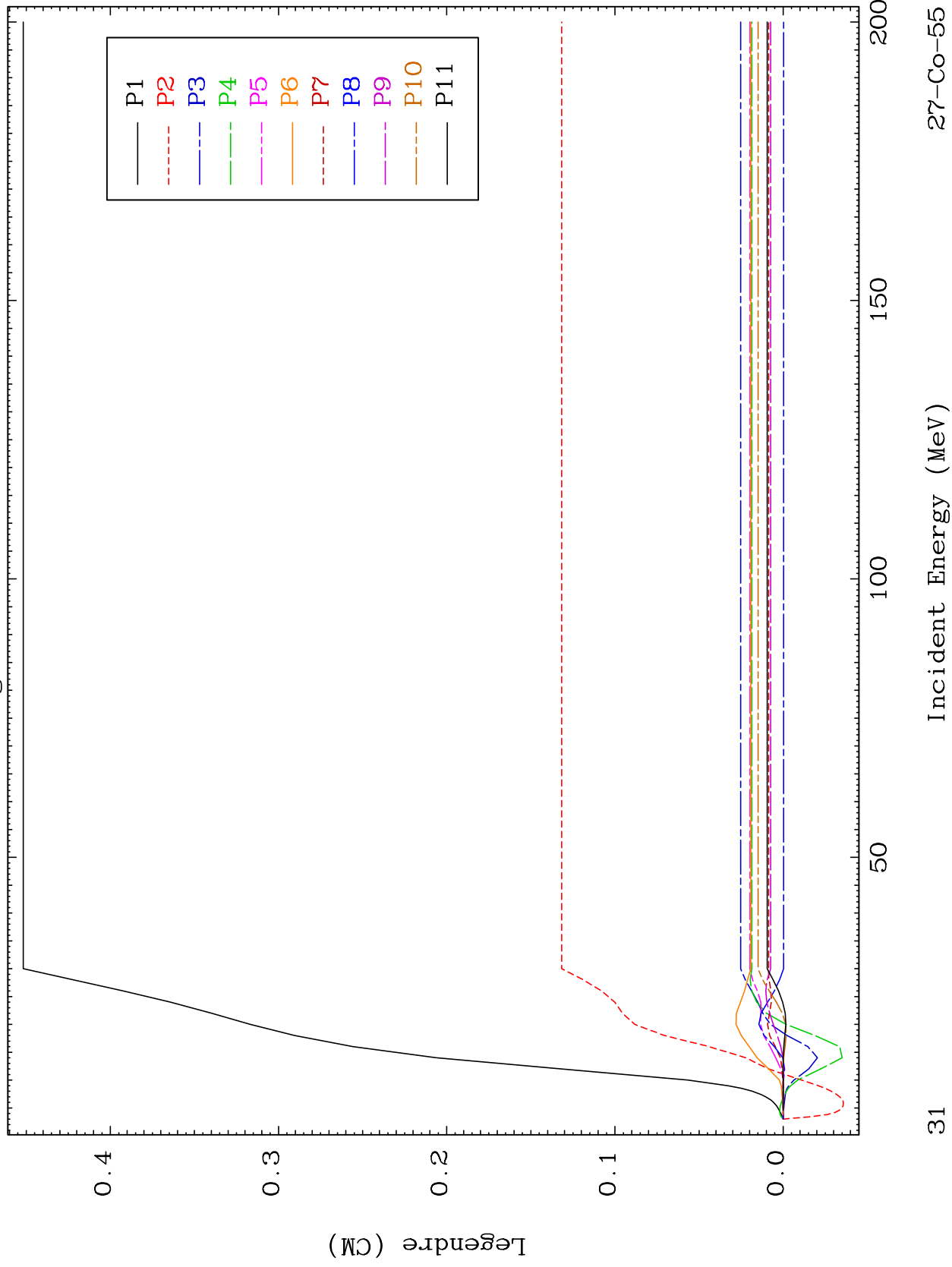
Incident Energy (MeV)

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MAT 2713

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

27-Co-55



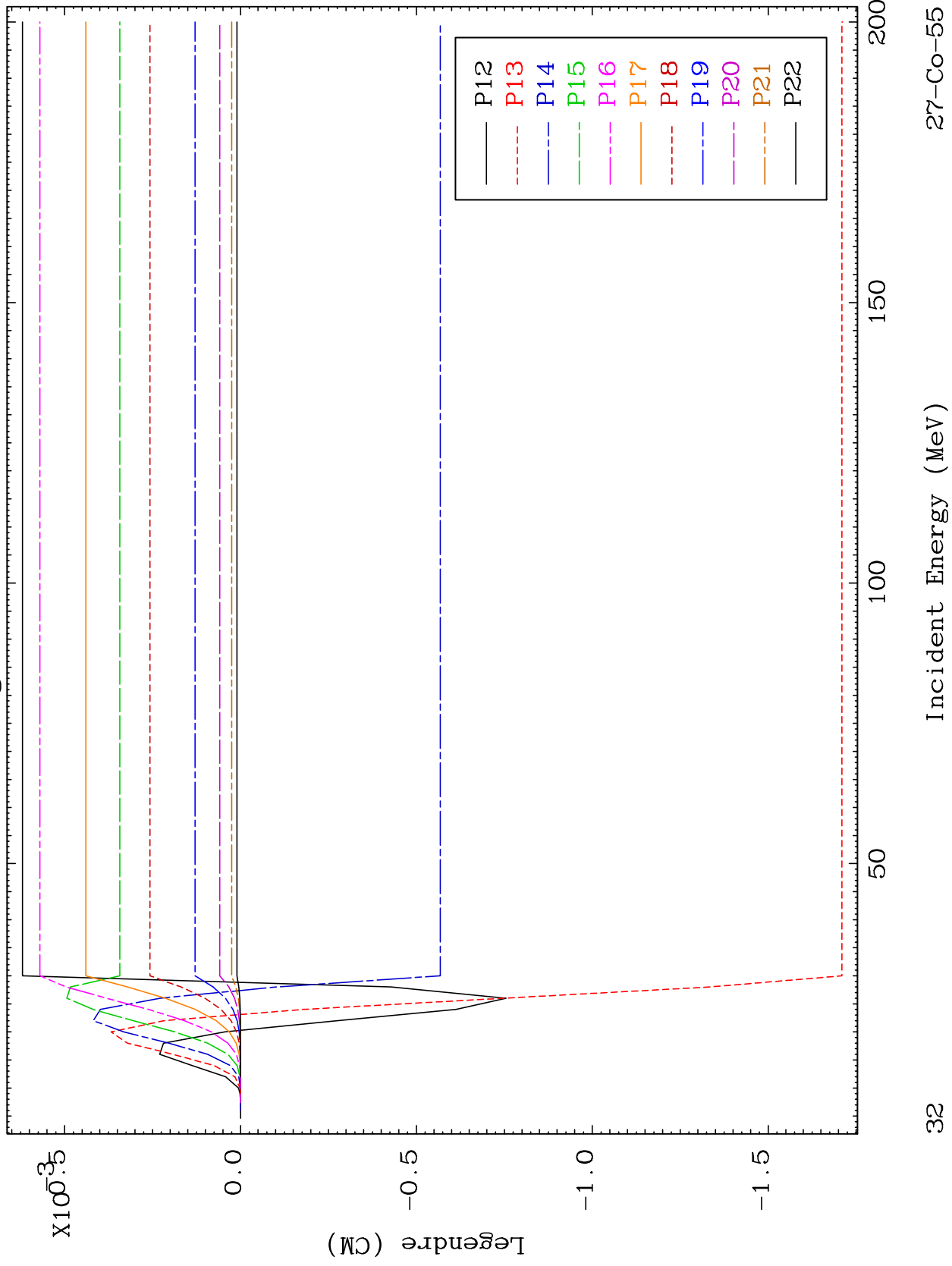
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27-Co-55

MAT 2713

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

27-Co-55



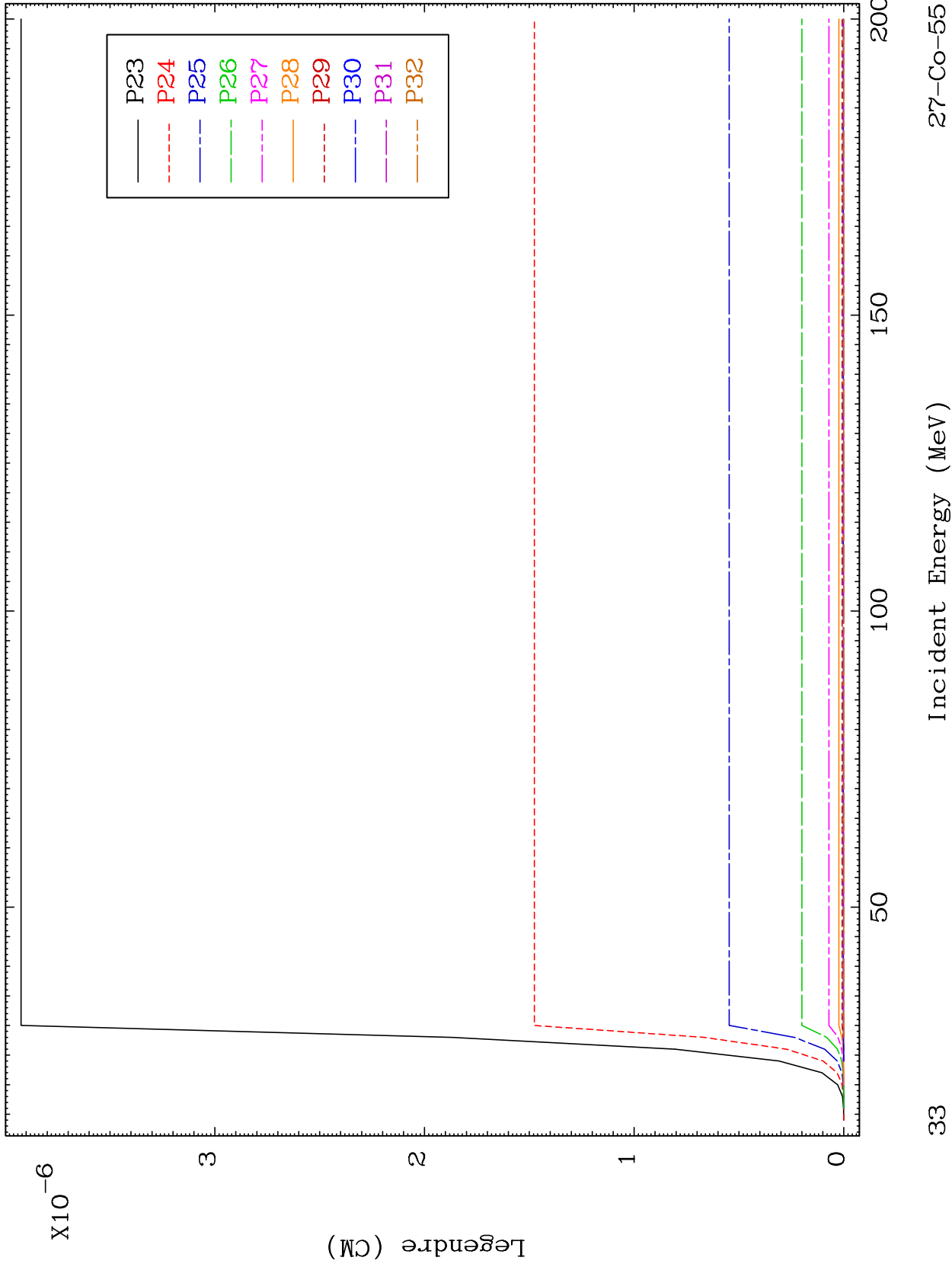
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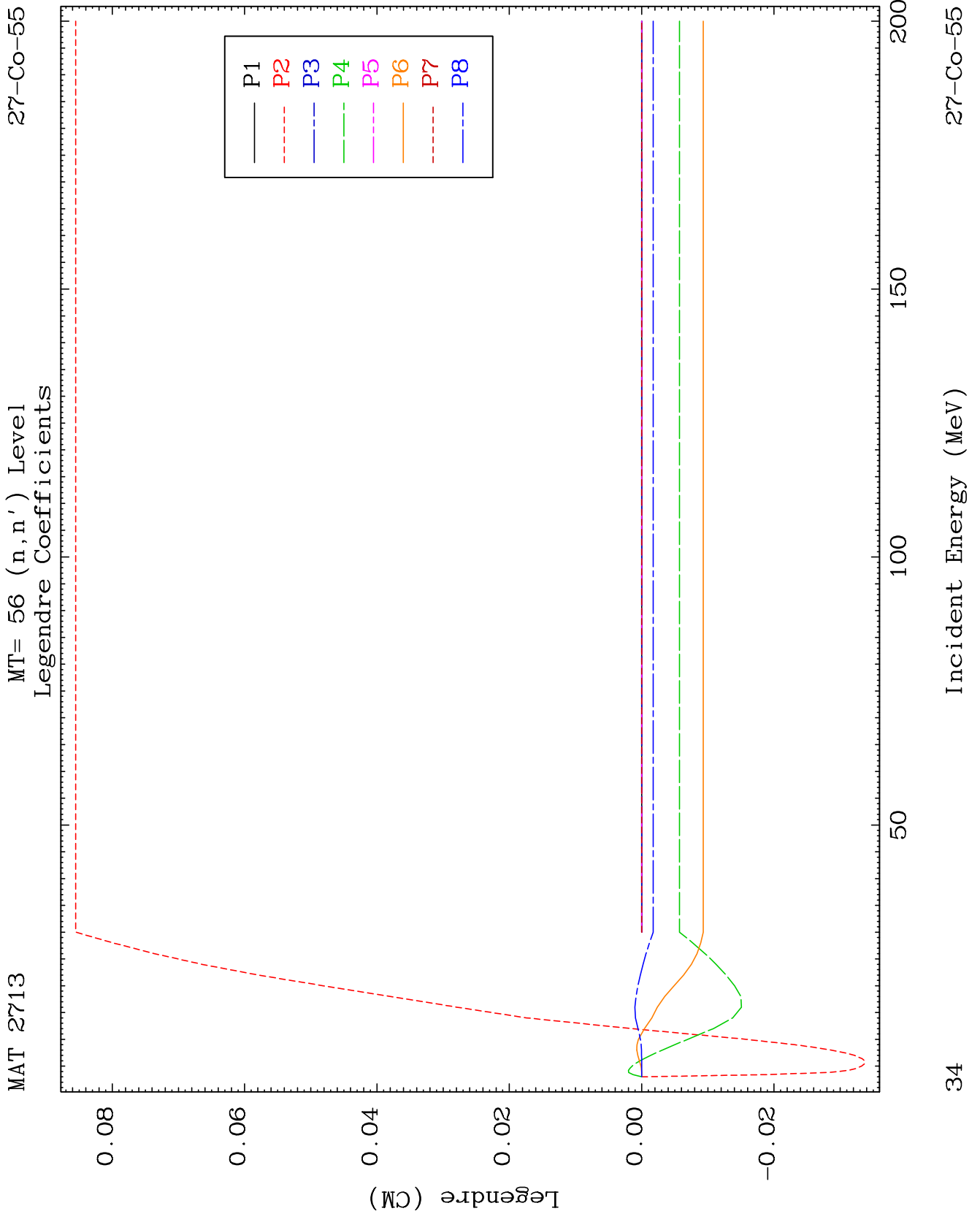
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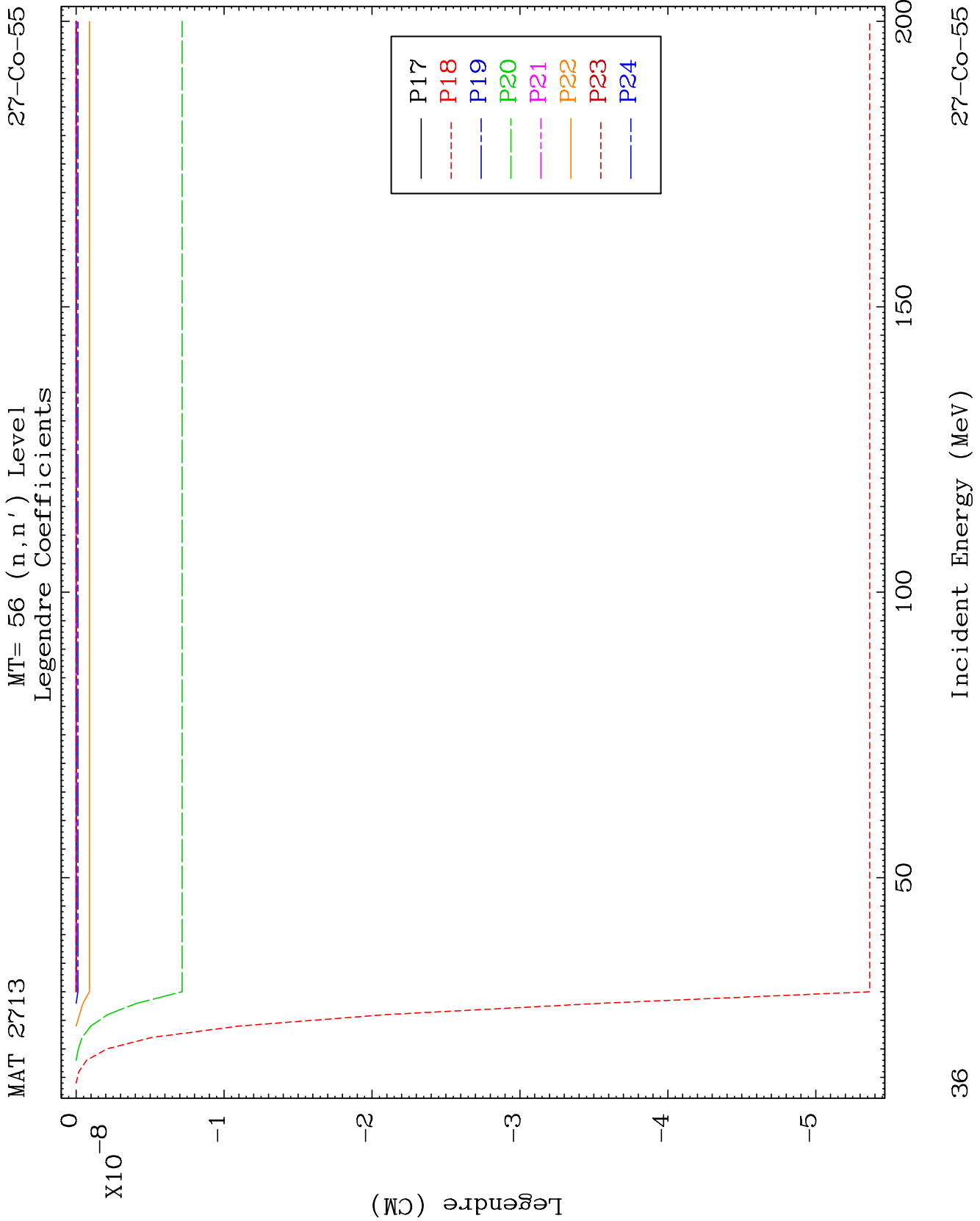
MAT 2713

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

27-Co-55



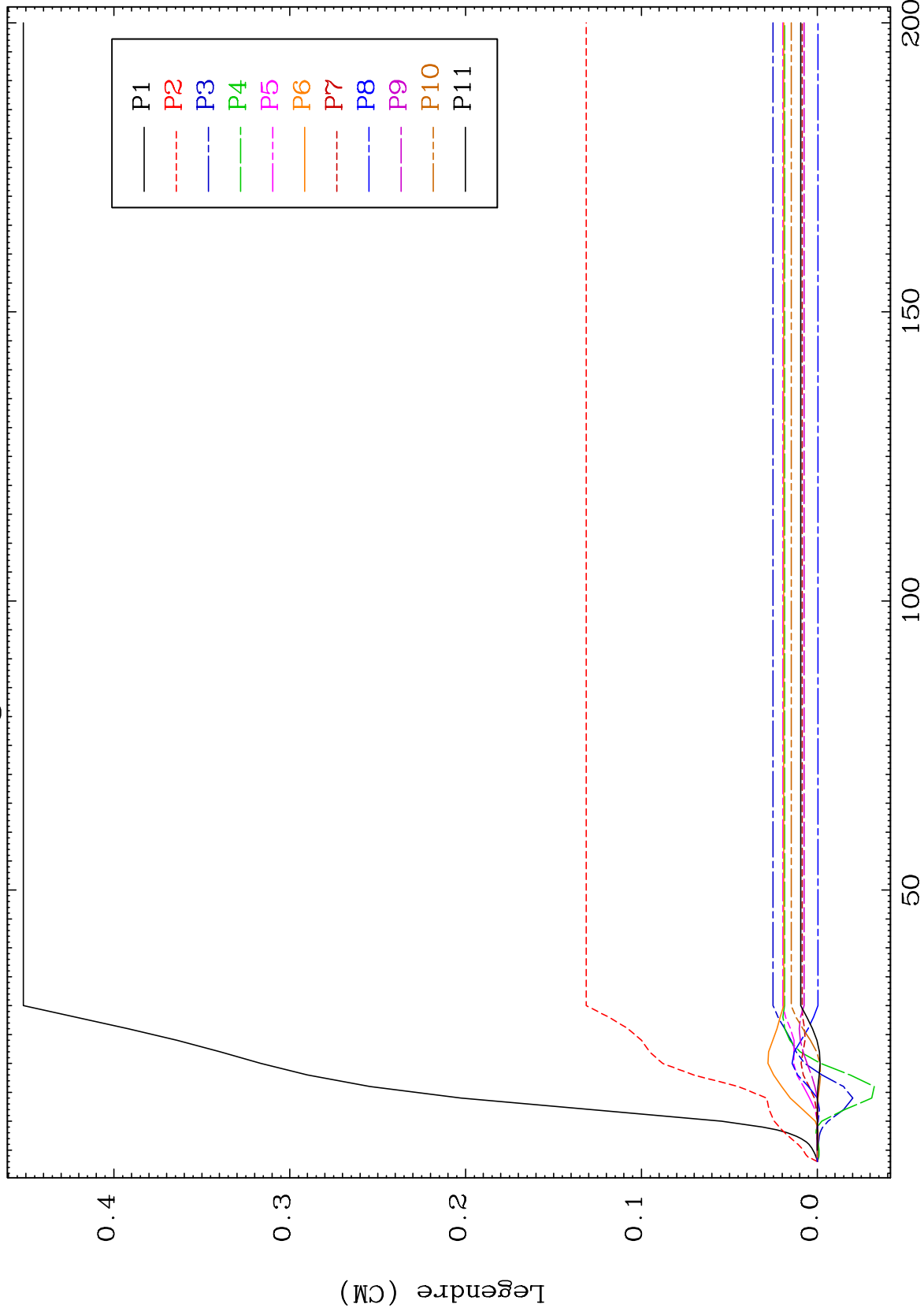




MAT 2713

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

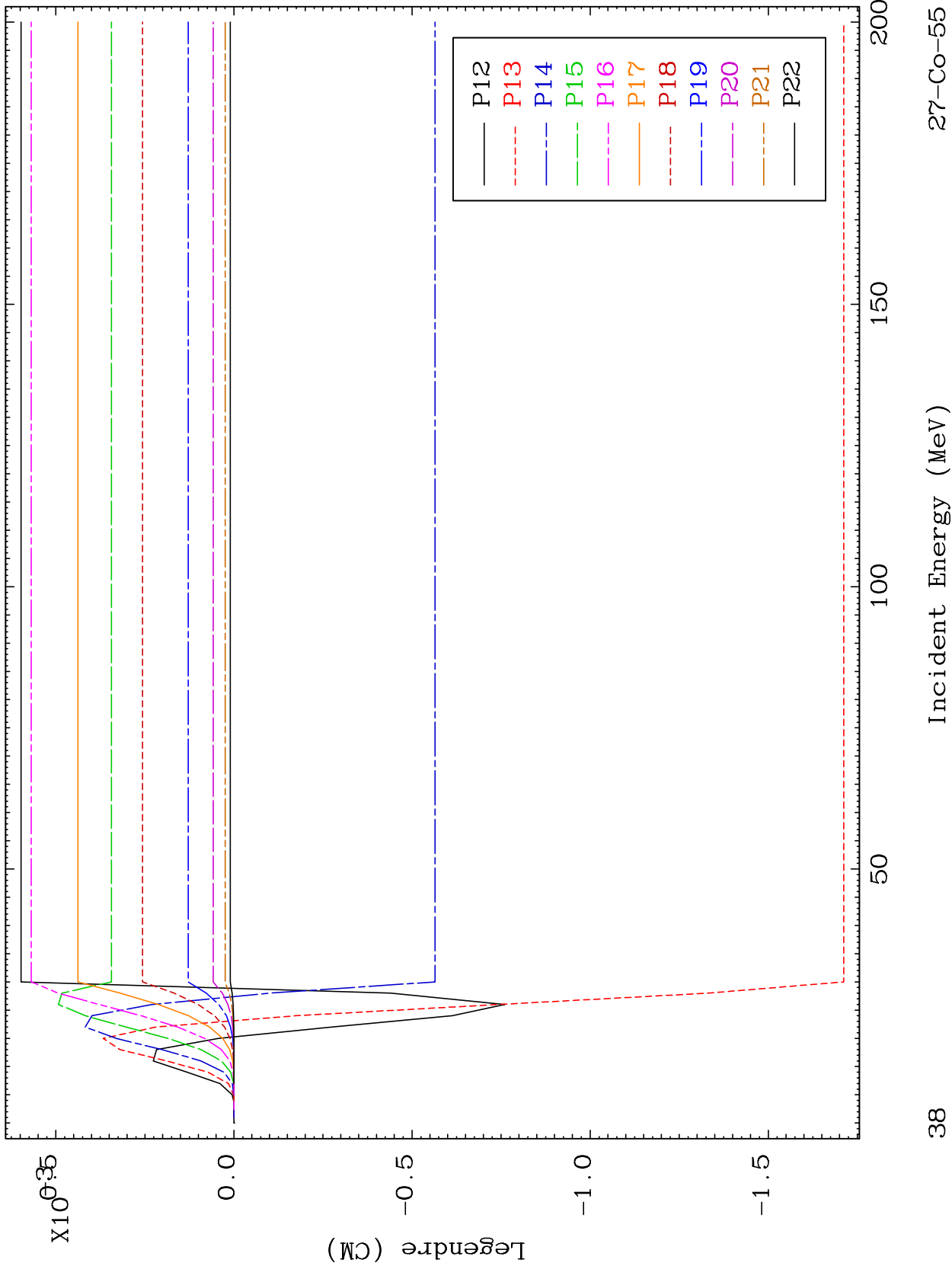
27-Co-55



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Incident Energy (MeV)

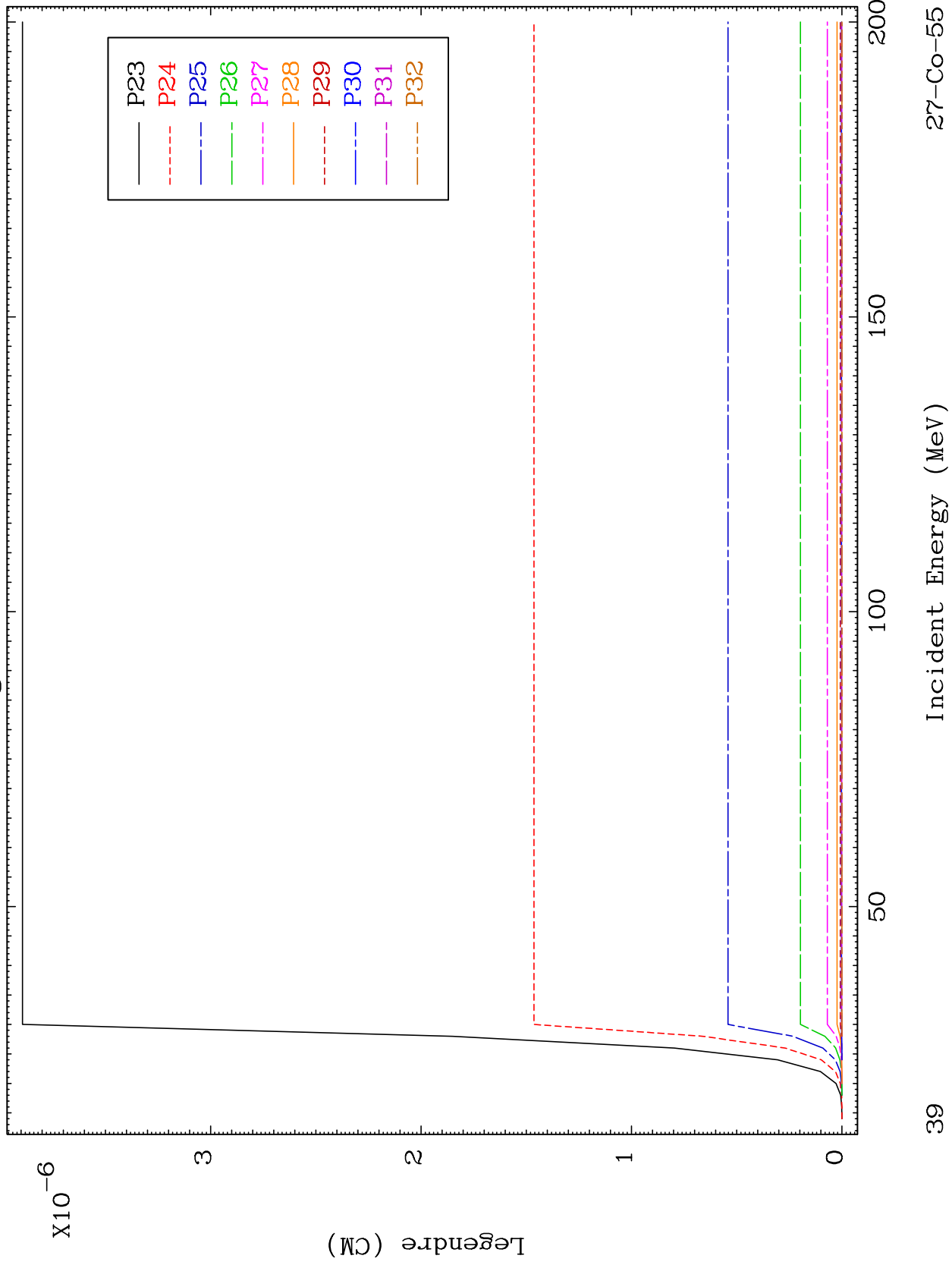
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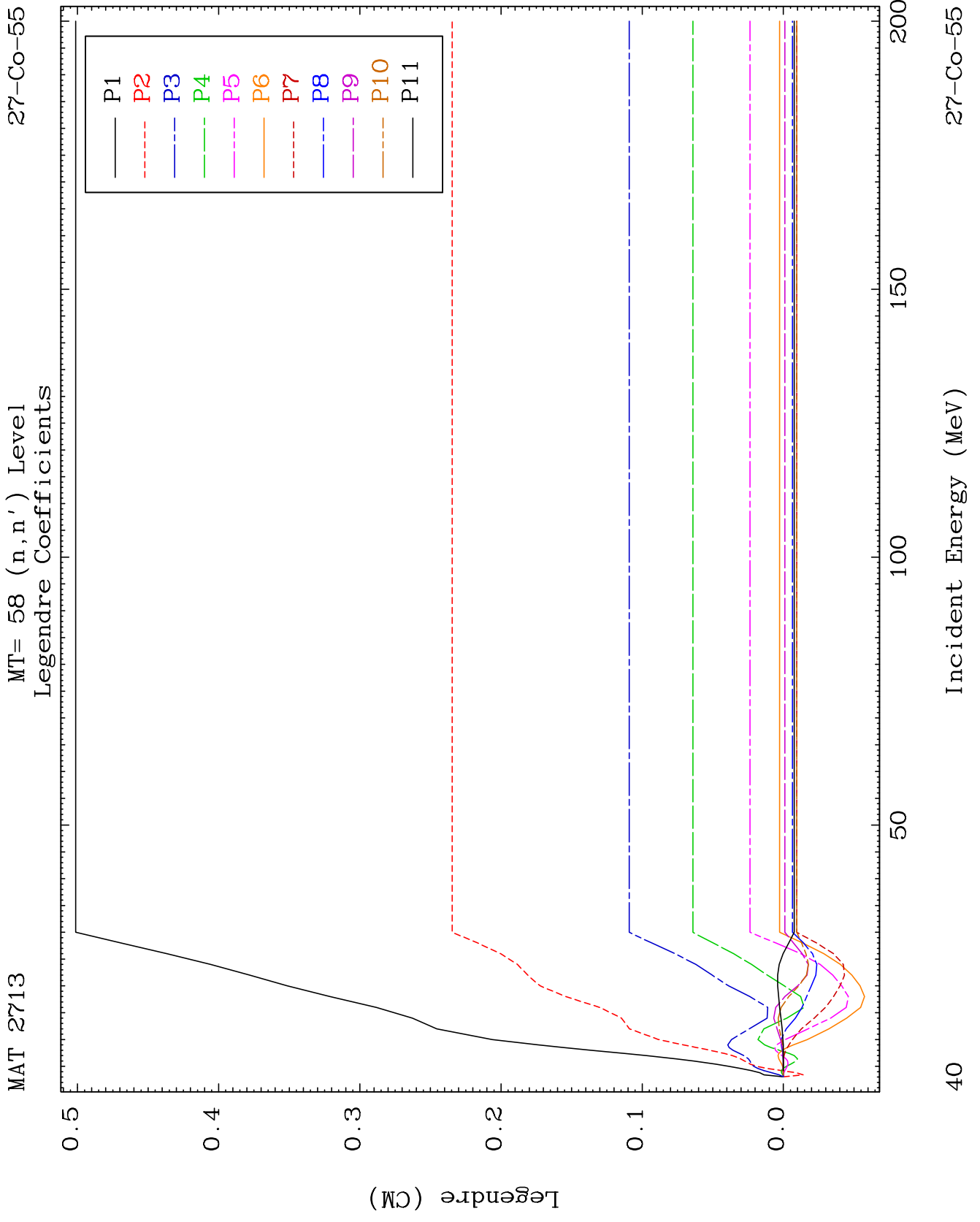


MAT 2713

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

27-Co-55

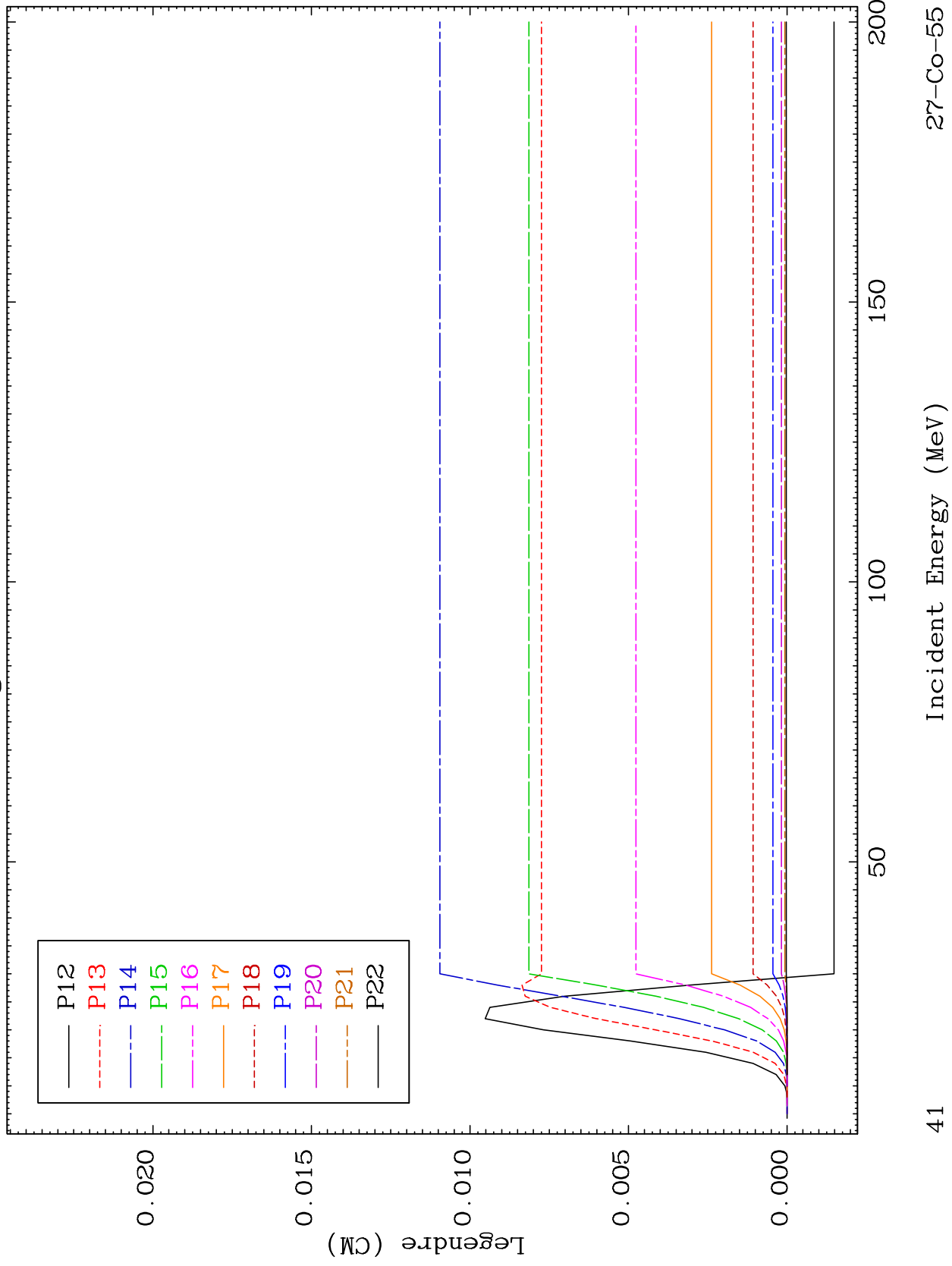




MAT 2713

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

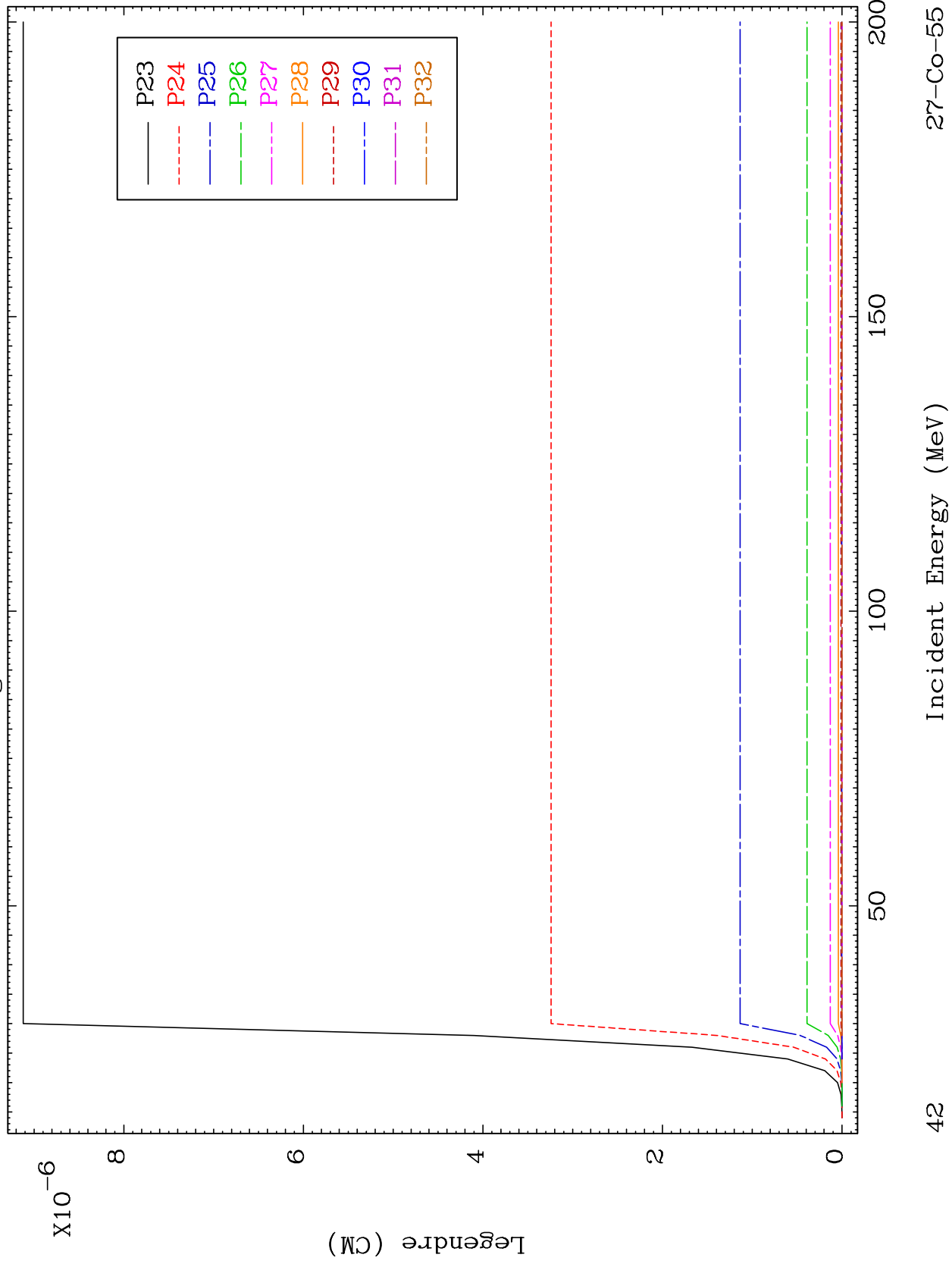
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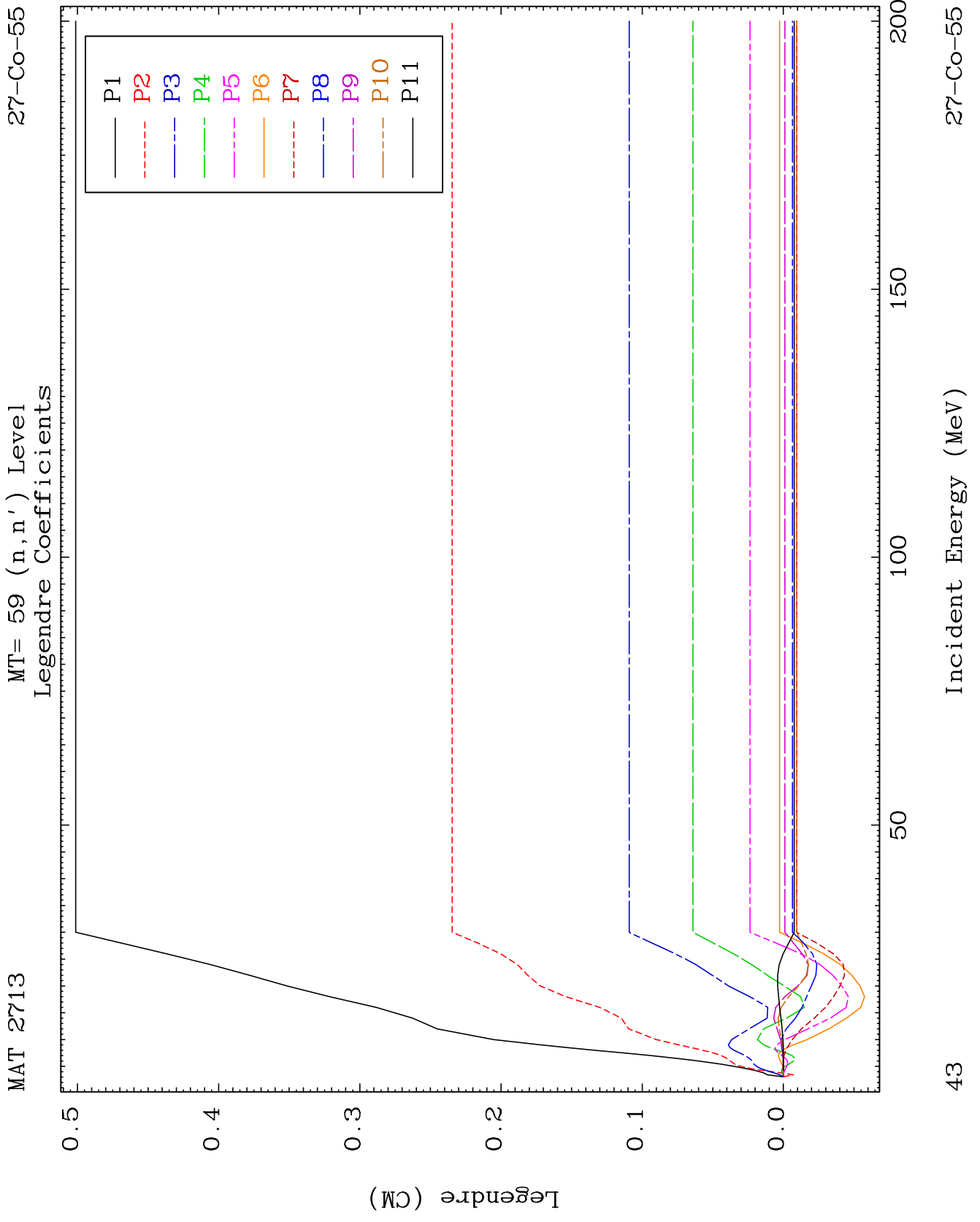


MAT 2713

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

27-Co-55

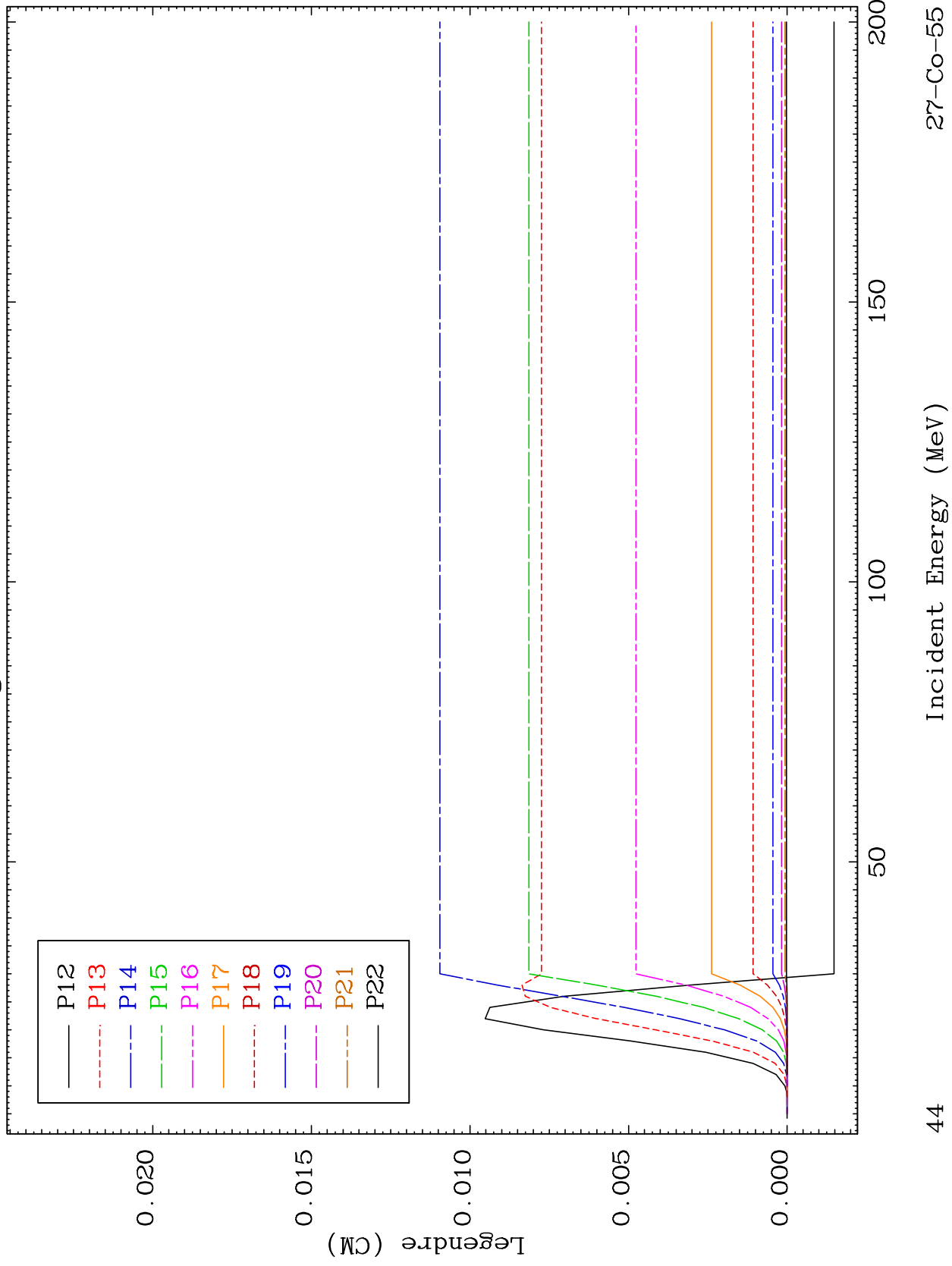




MAT 2713

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

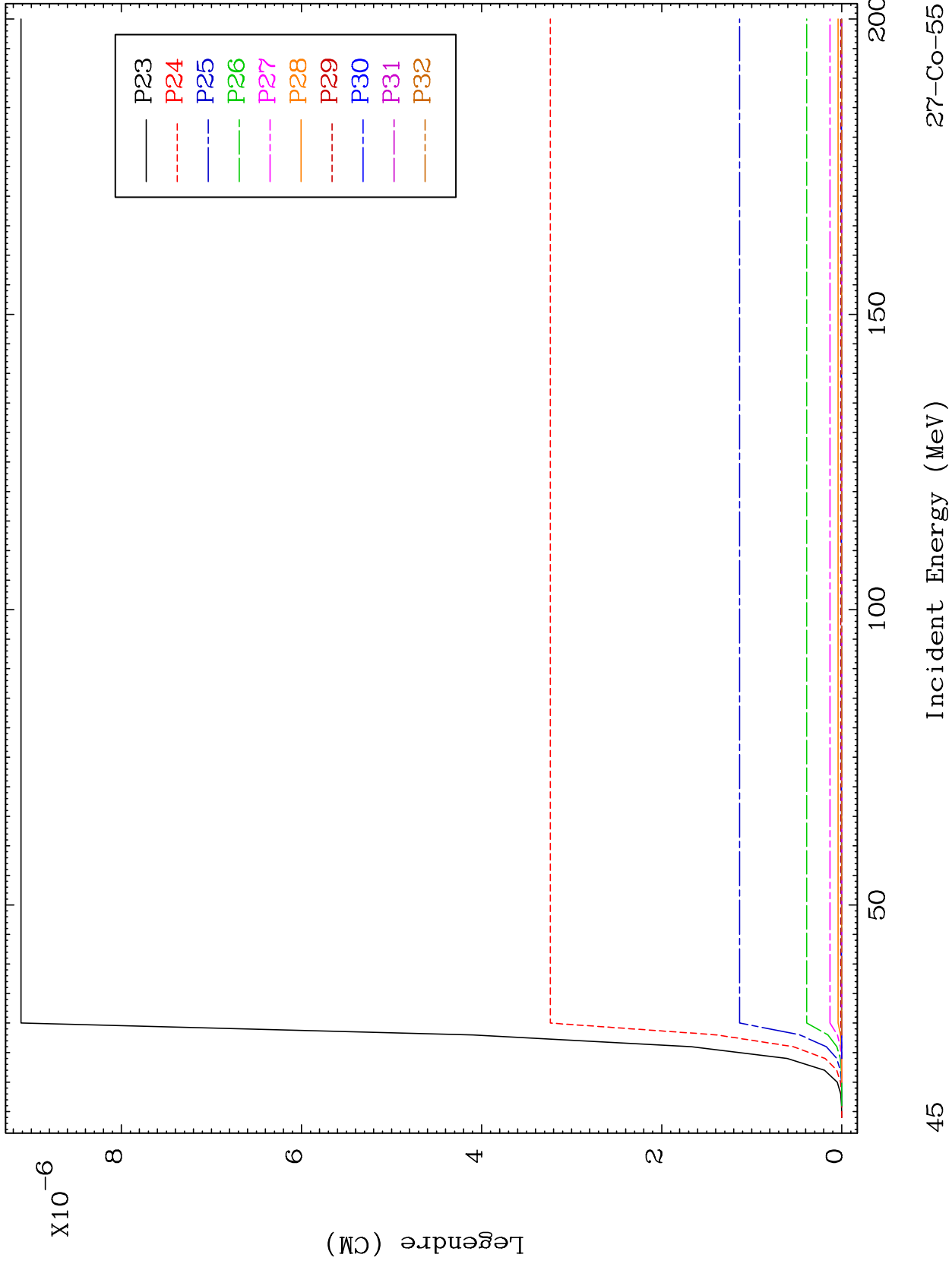
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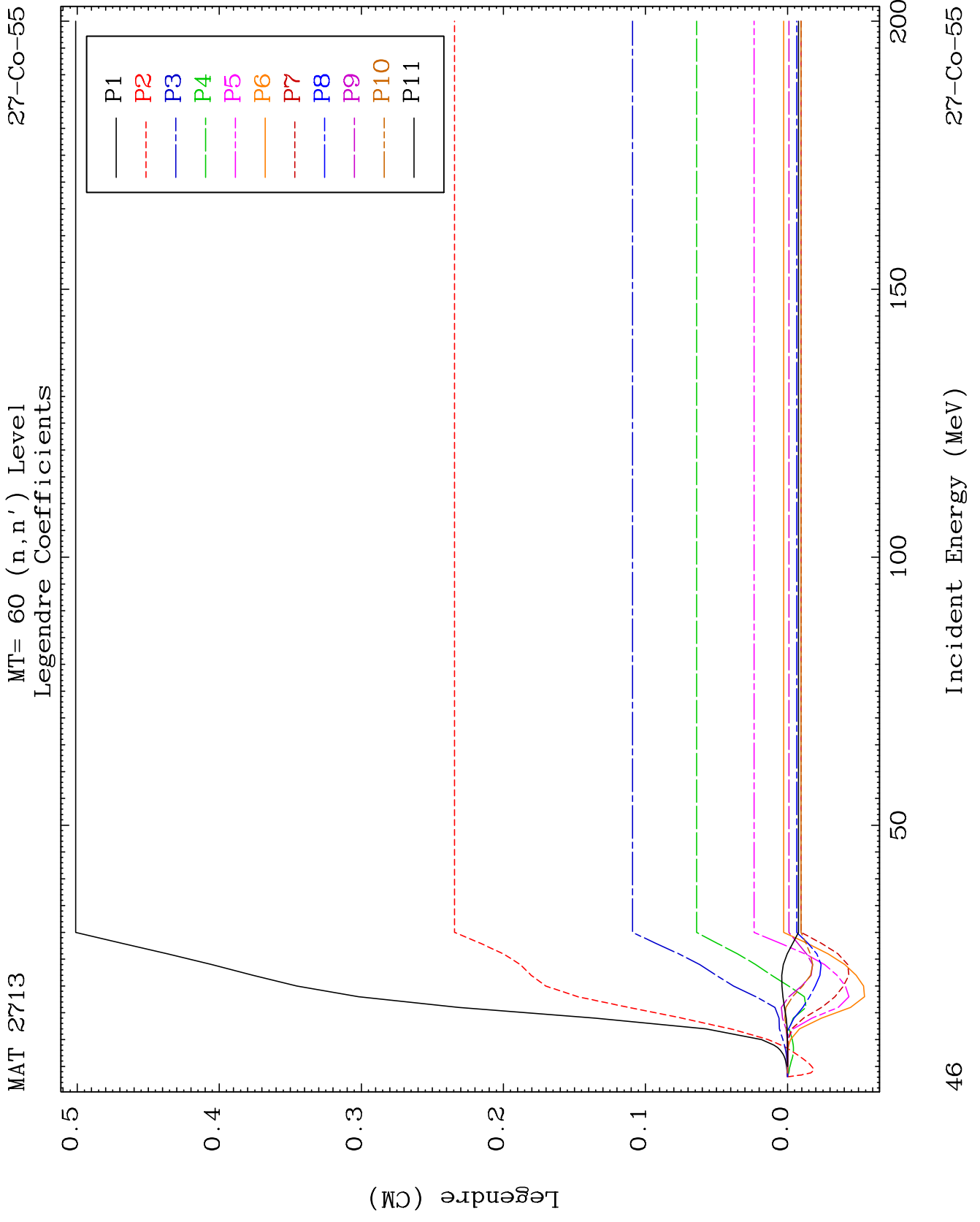


MAT 2713

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

27-Co-55

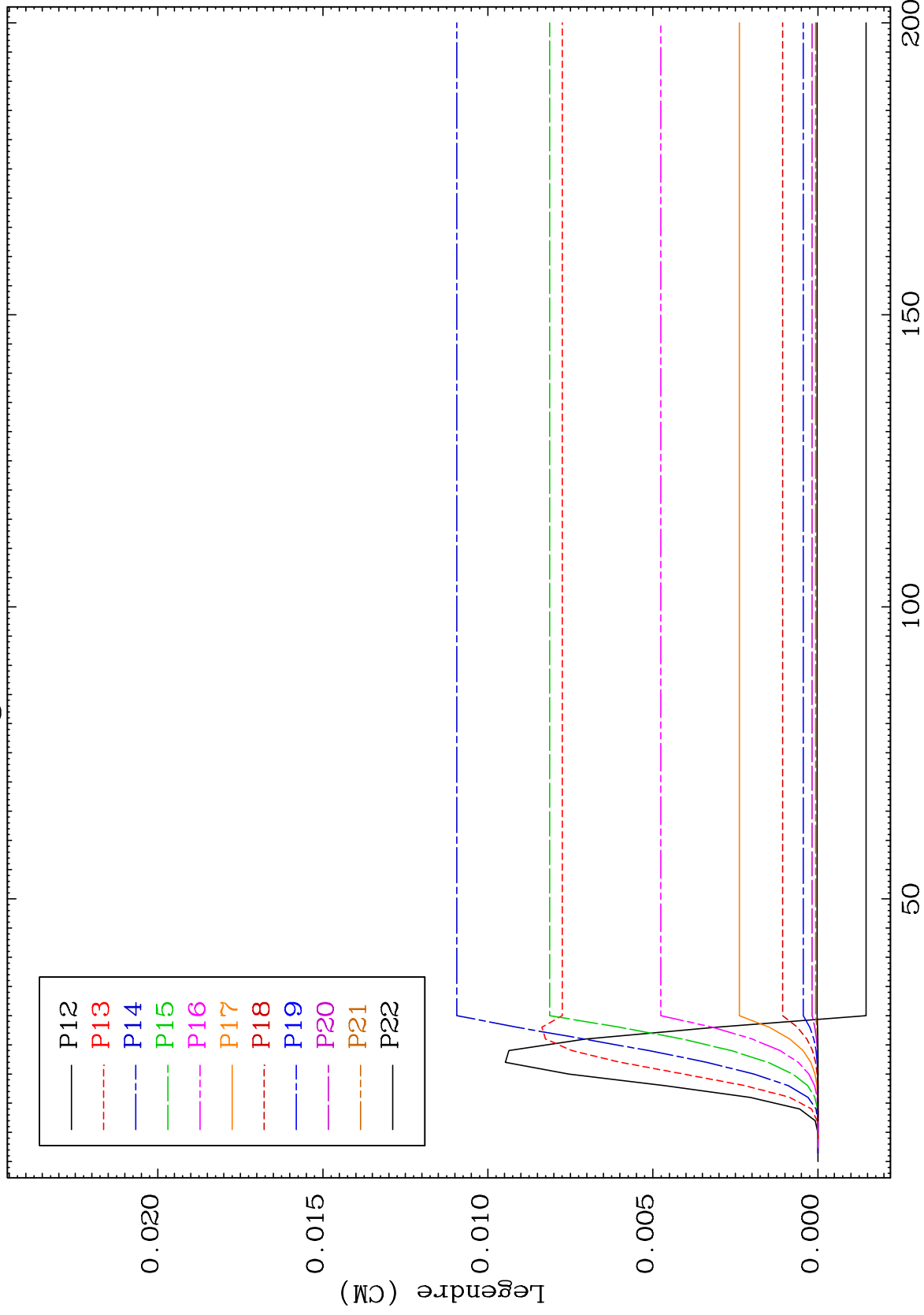




MAT 2713

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

27-Co-55



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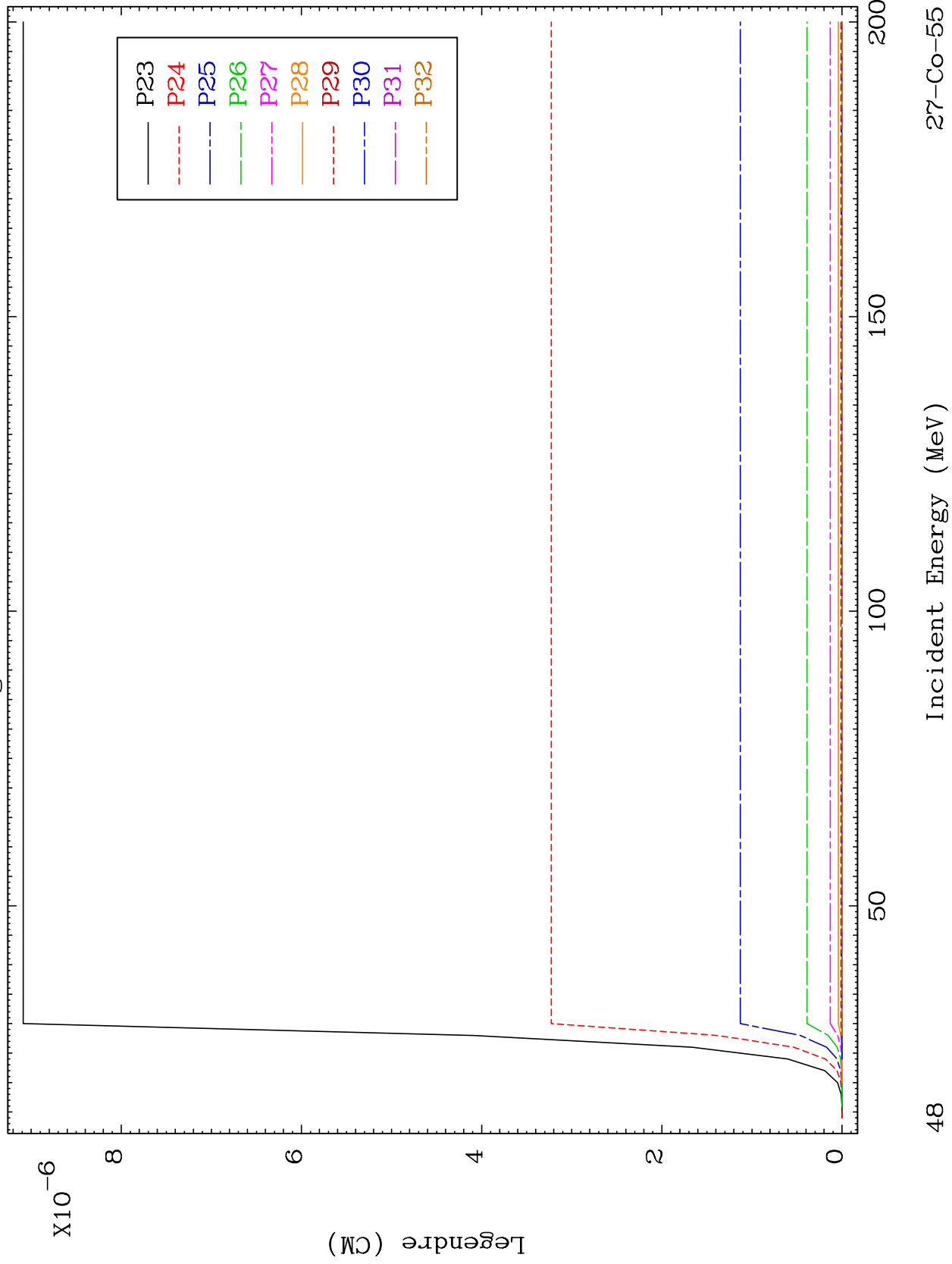
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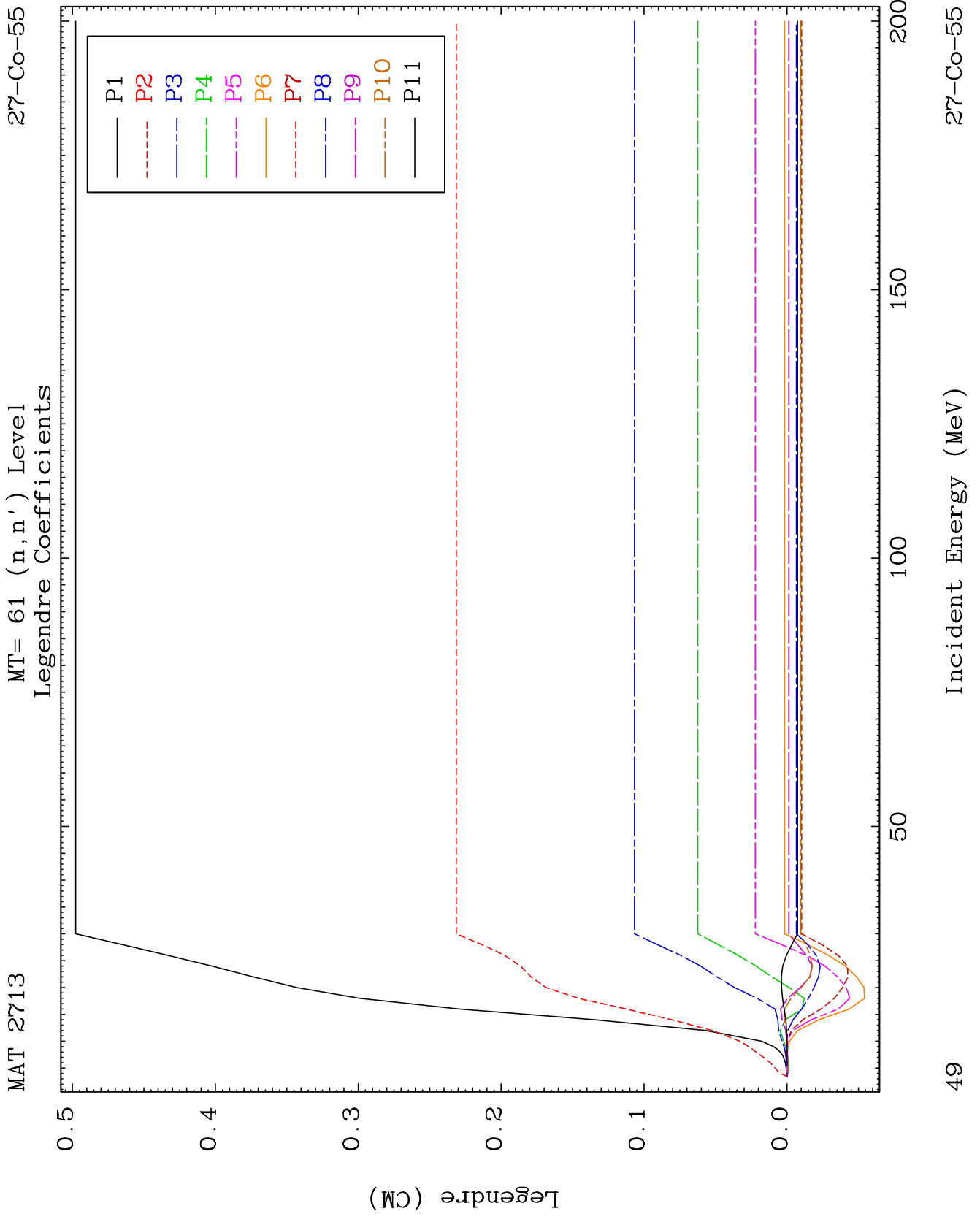
27-Co-55

MAT 2713

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

27-Co-55

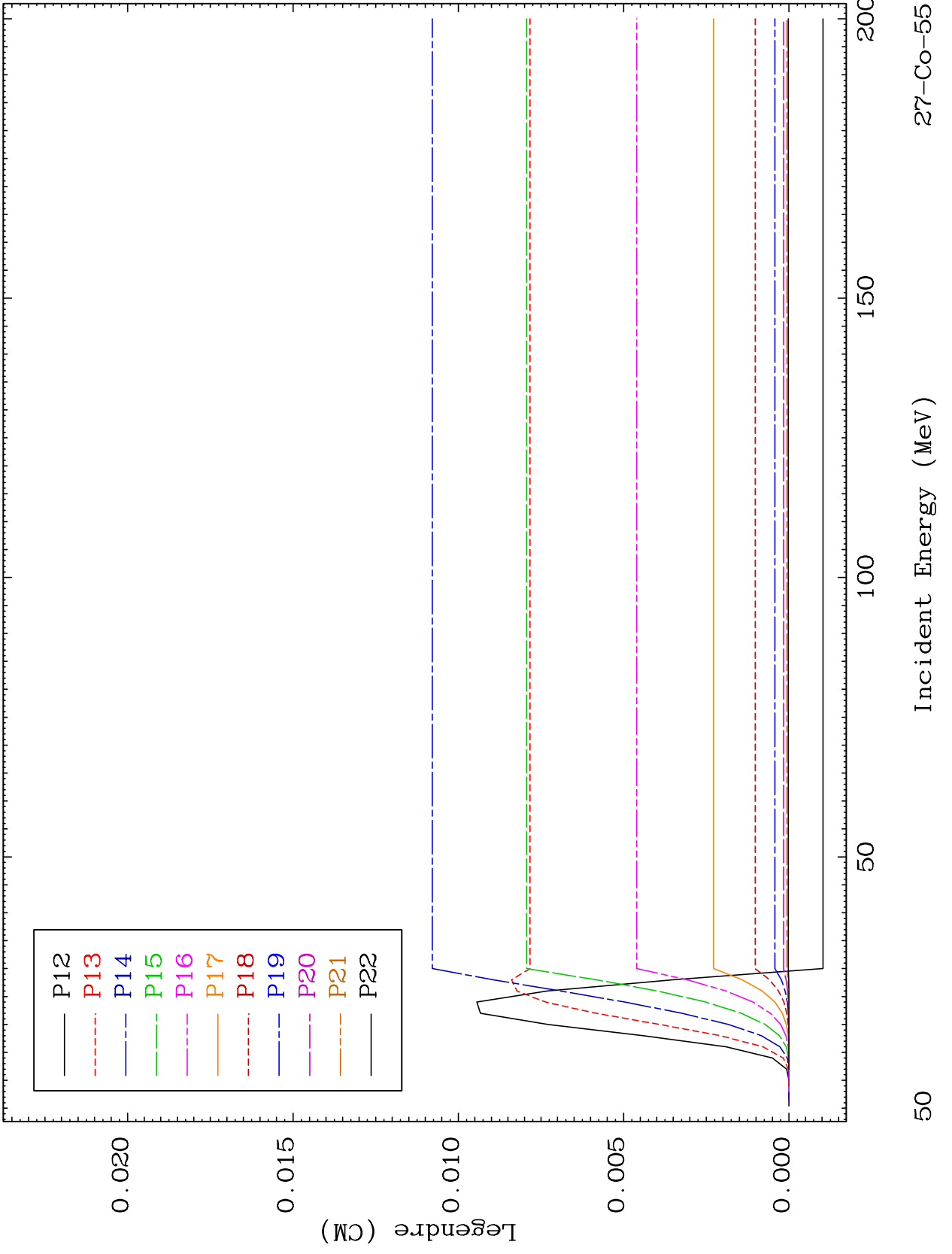




MAT 2713

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

27-Co-55



27-Co-55

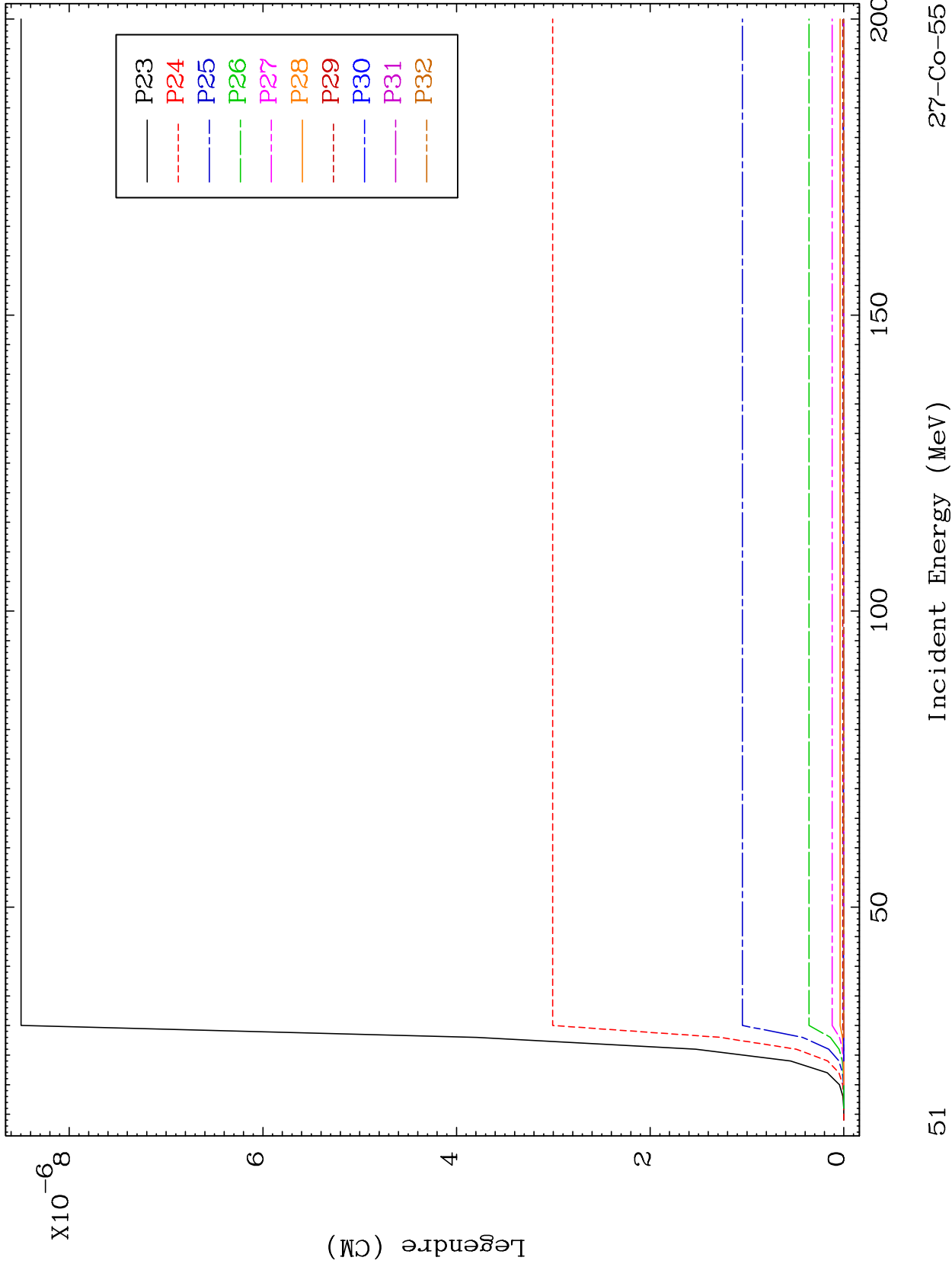
Incident Energy (MeV)

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MAT 2713

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

27-Co-55



51

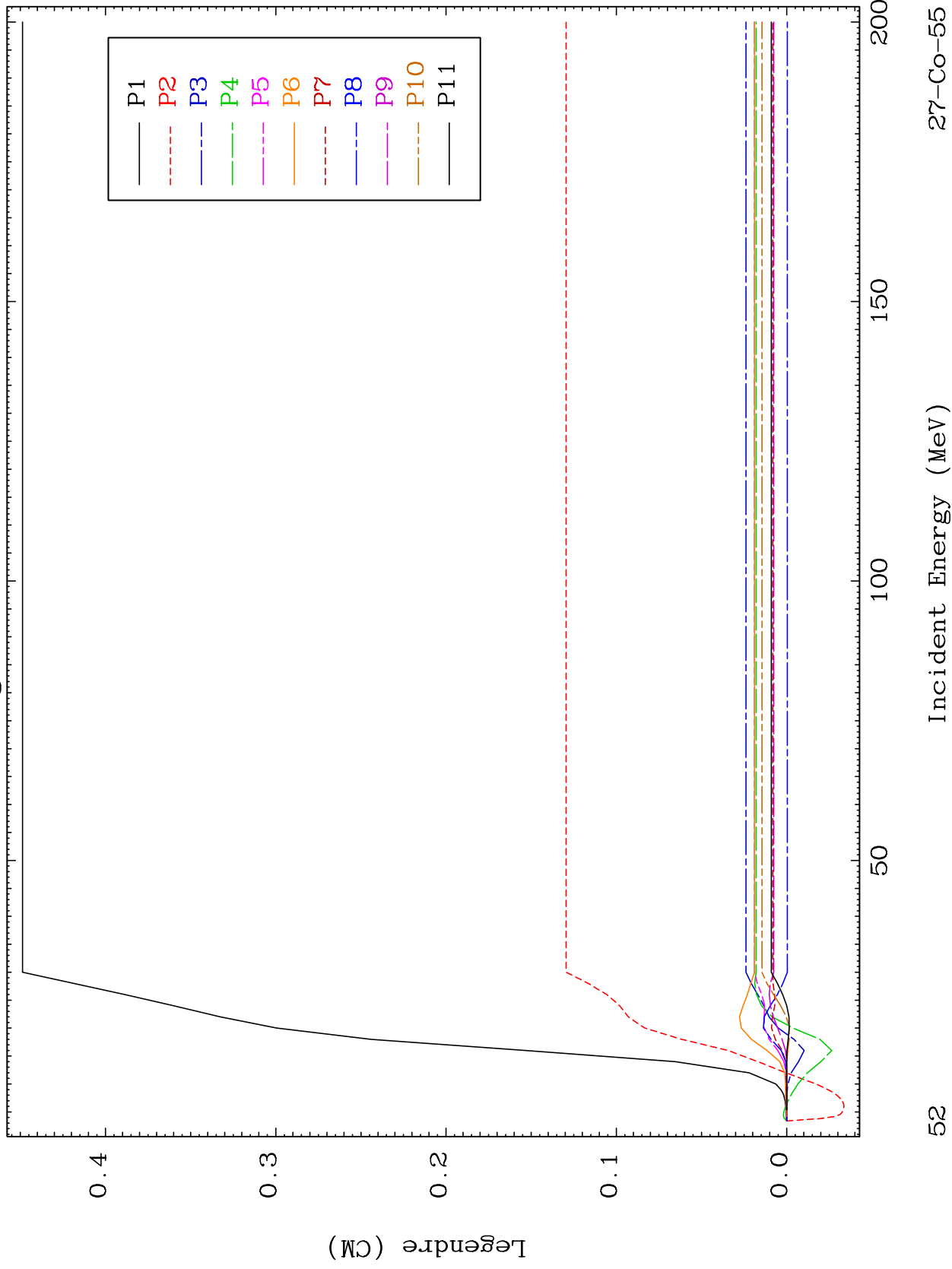
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



52

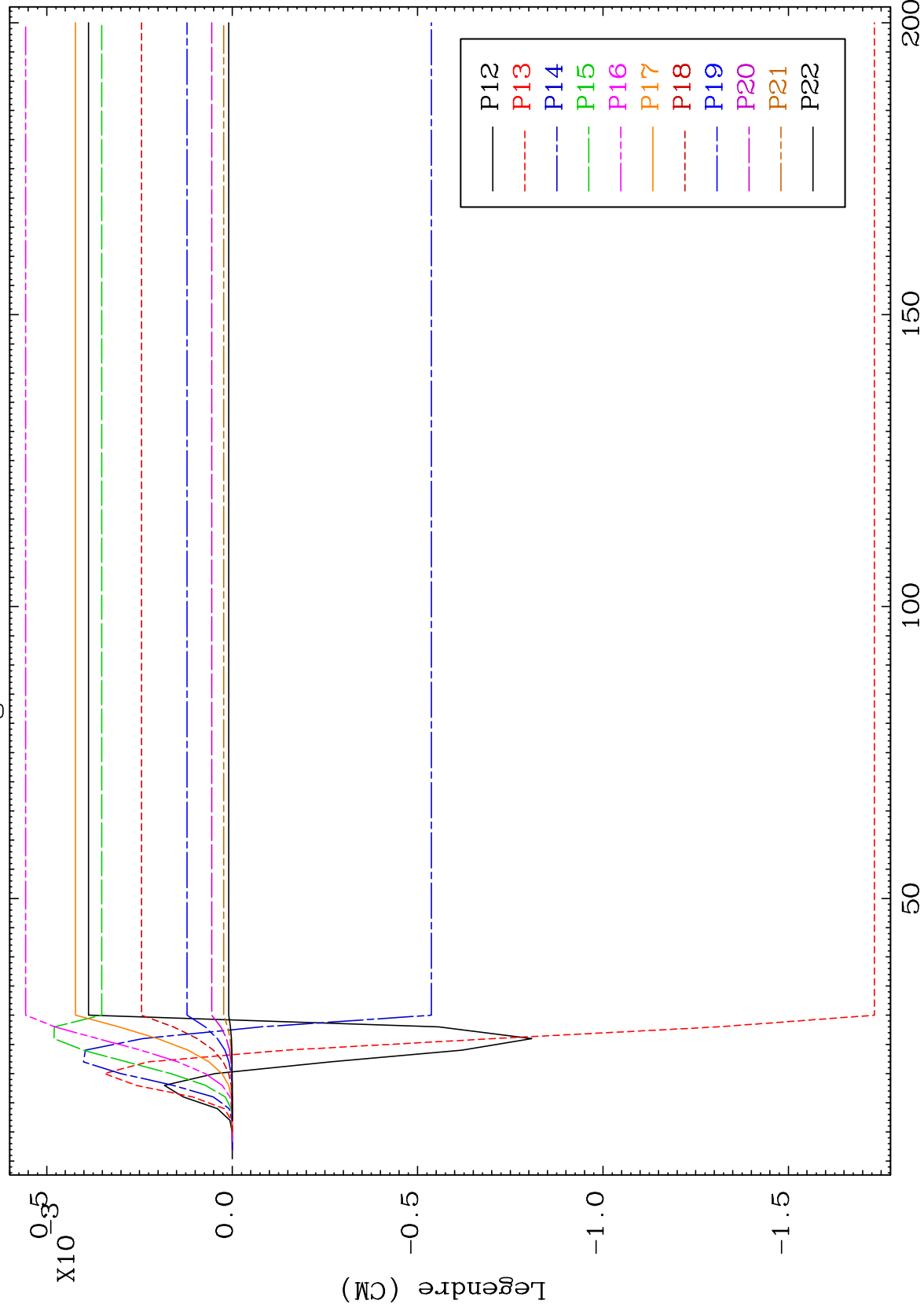
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



53

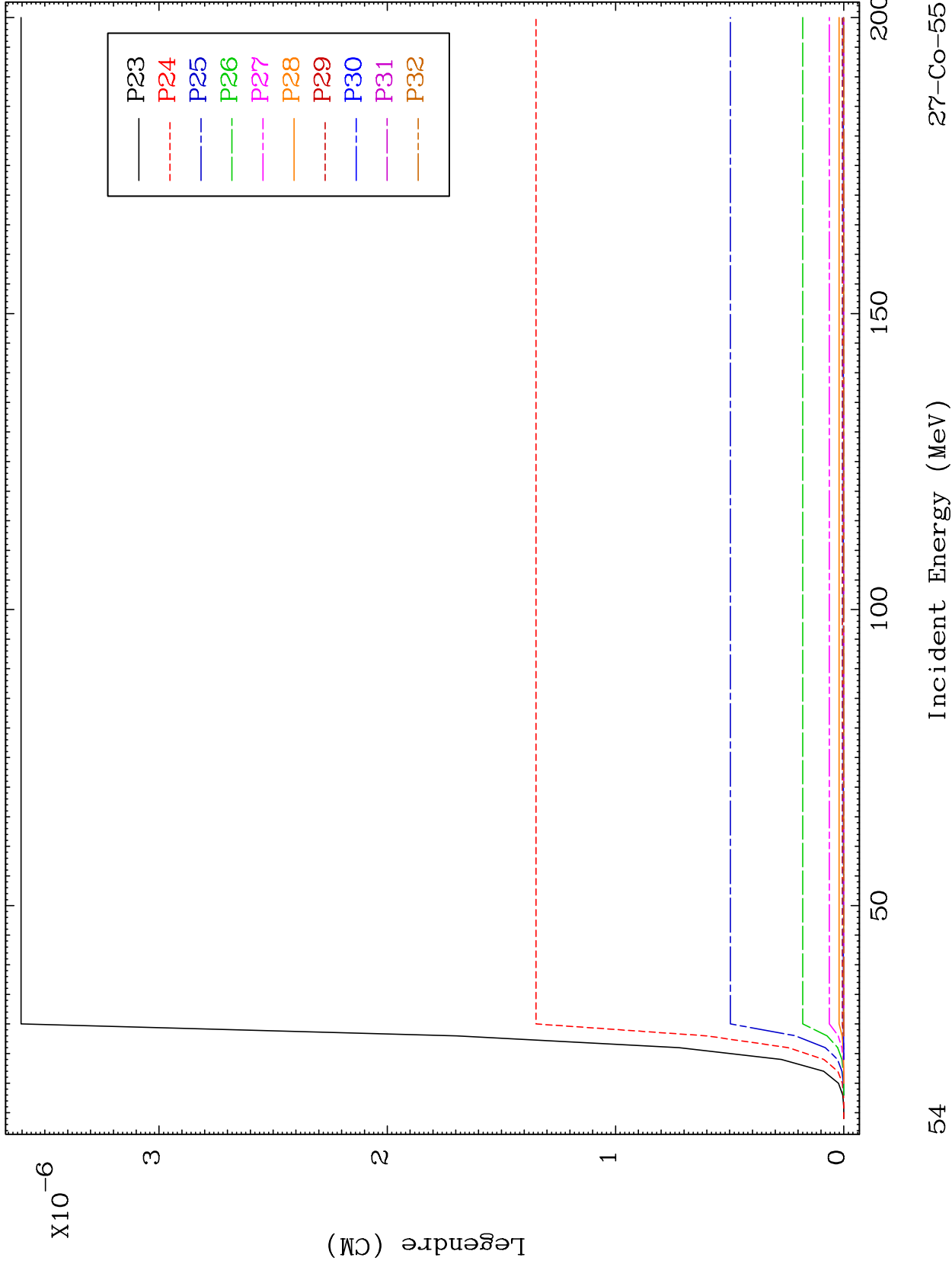
Incident Energy (MeV)

27-Co-55

MAT 2713

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

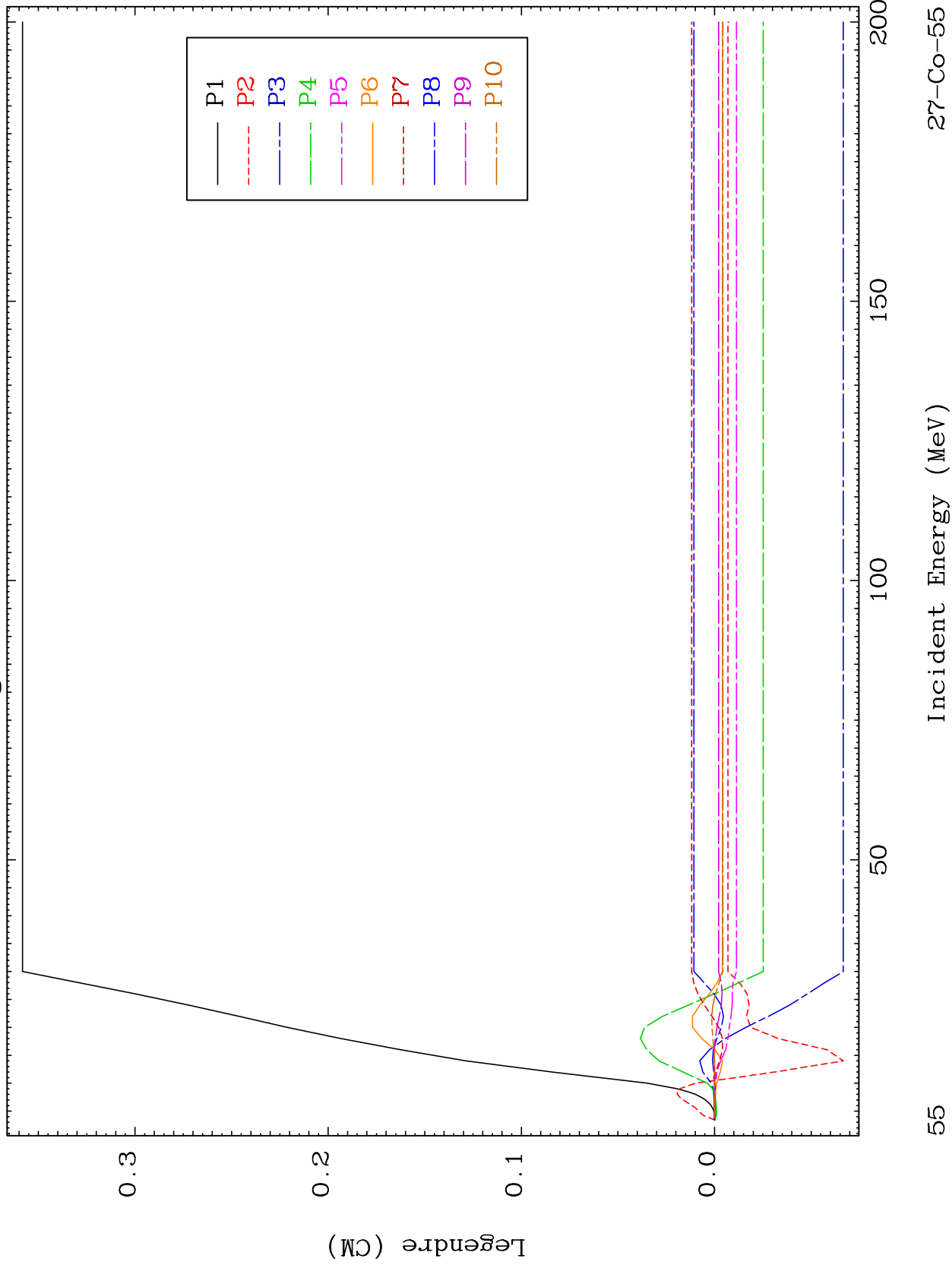
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MAT 2713

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

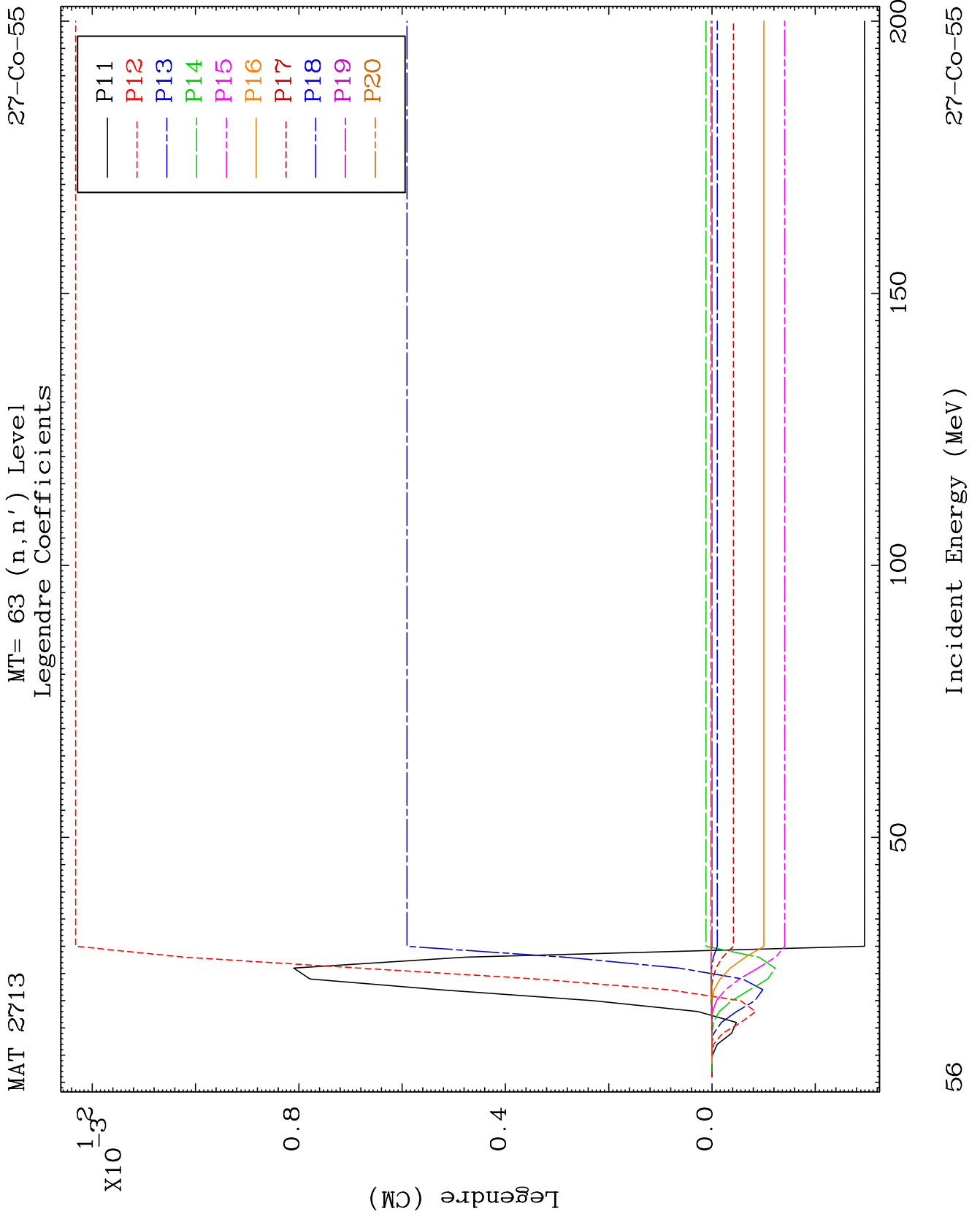
27-Co-55



55

Incident Energy (MeV)

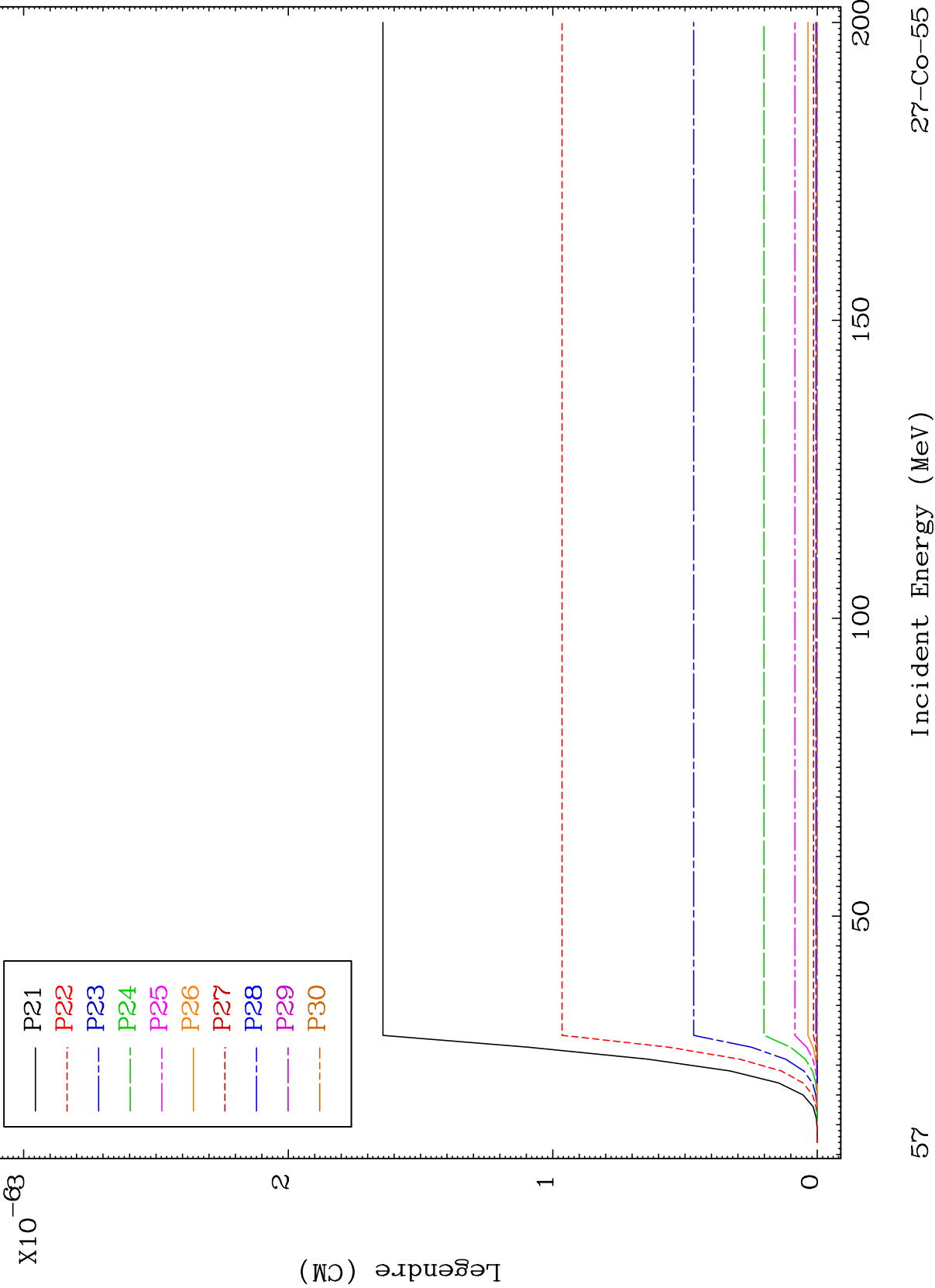
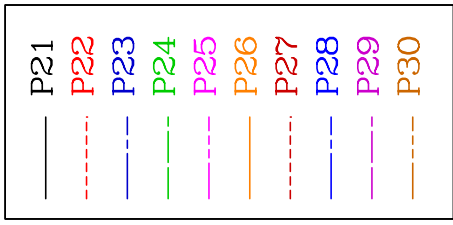
27-Co-55



MAT 2713

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

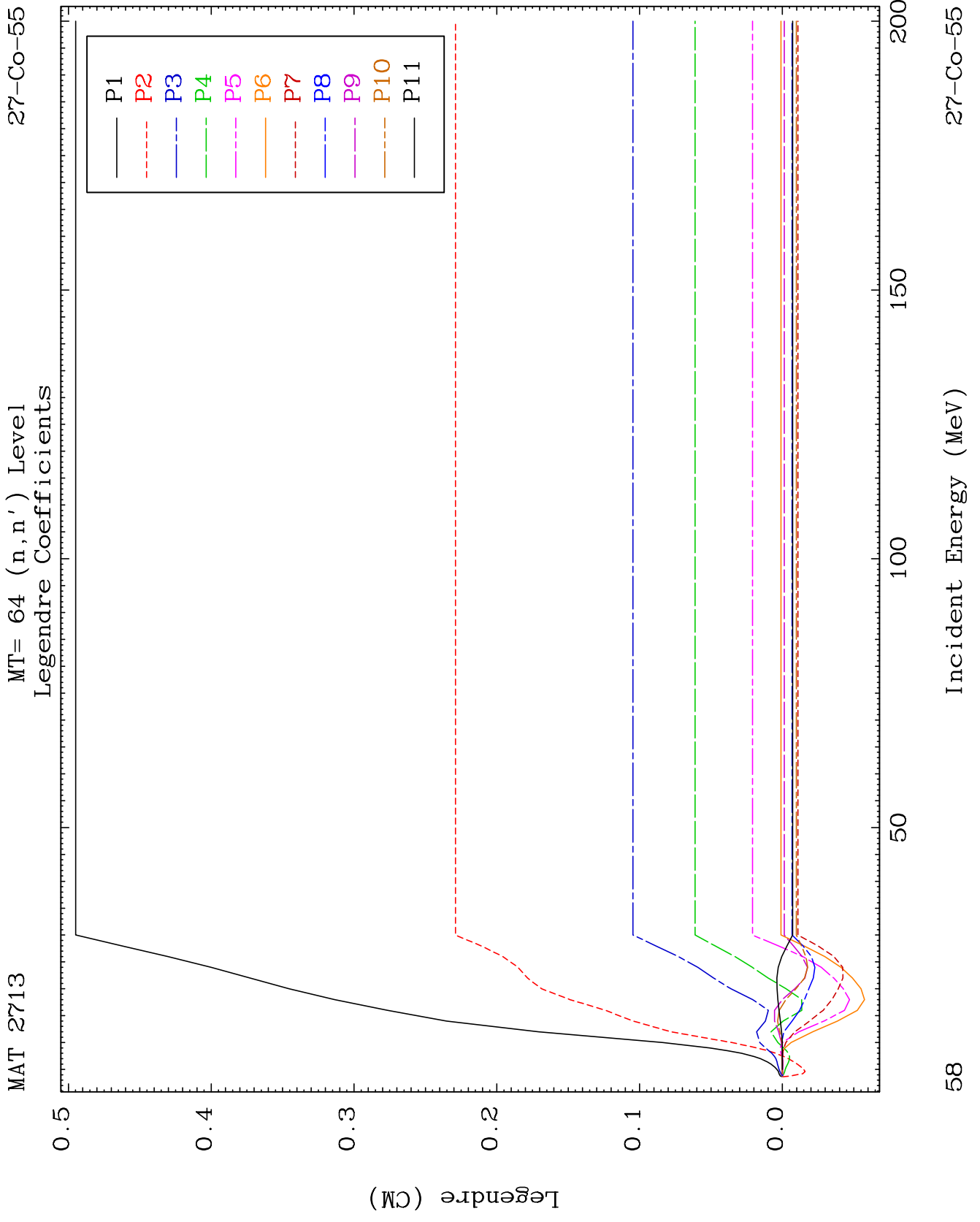
27-Co-55



57

Incident Energy (MeV)

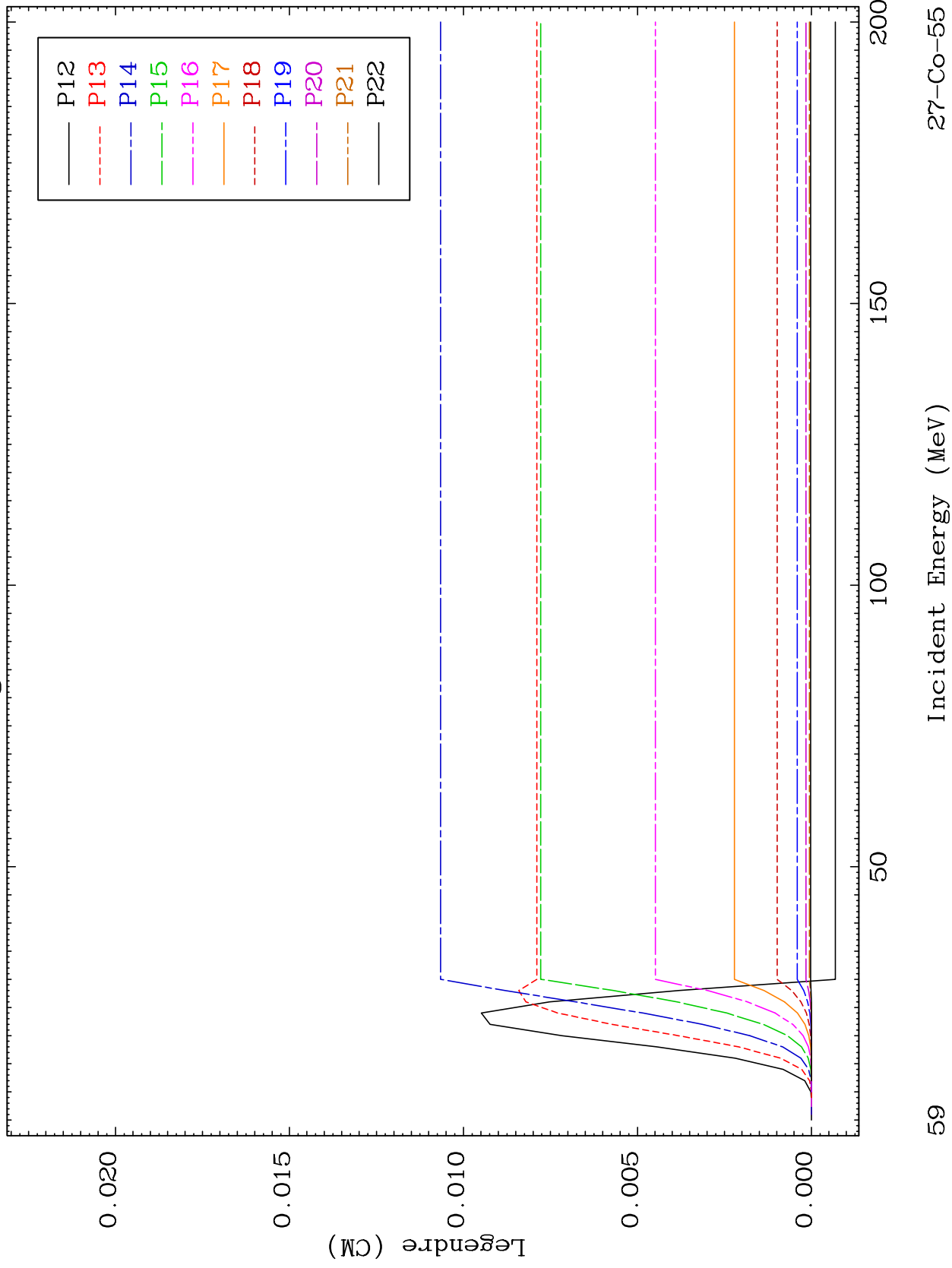
27-Co-55



MAT 2713

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

27-Co-55



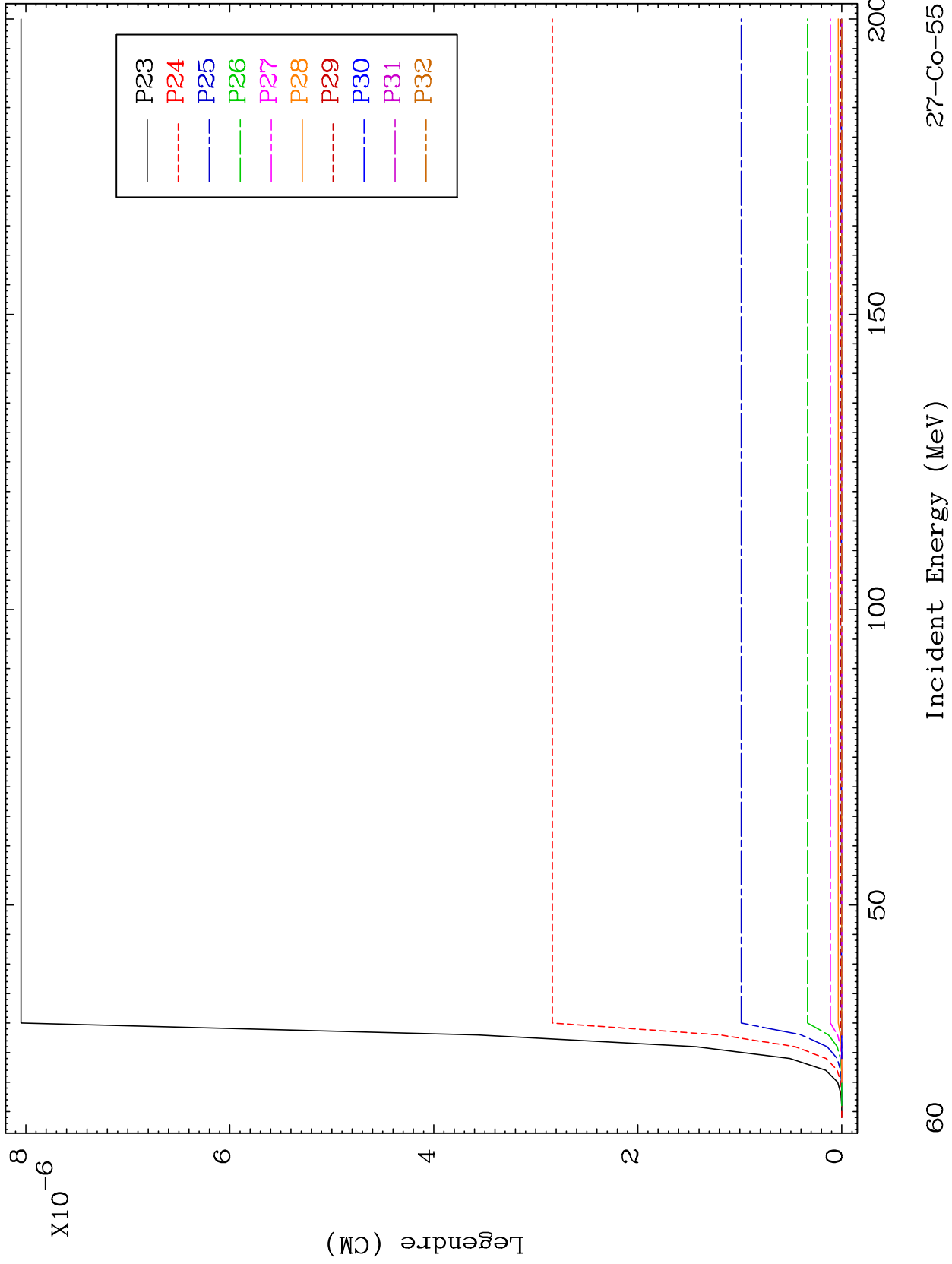
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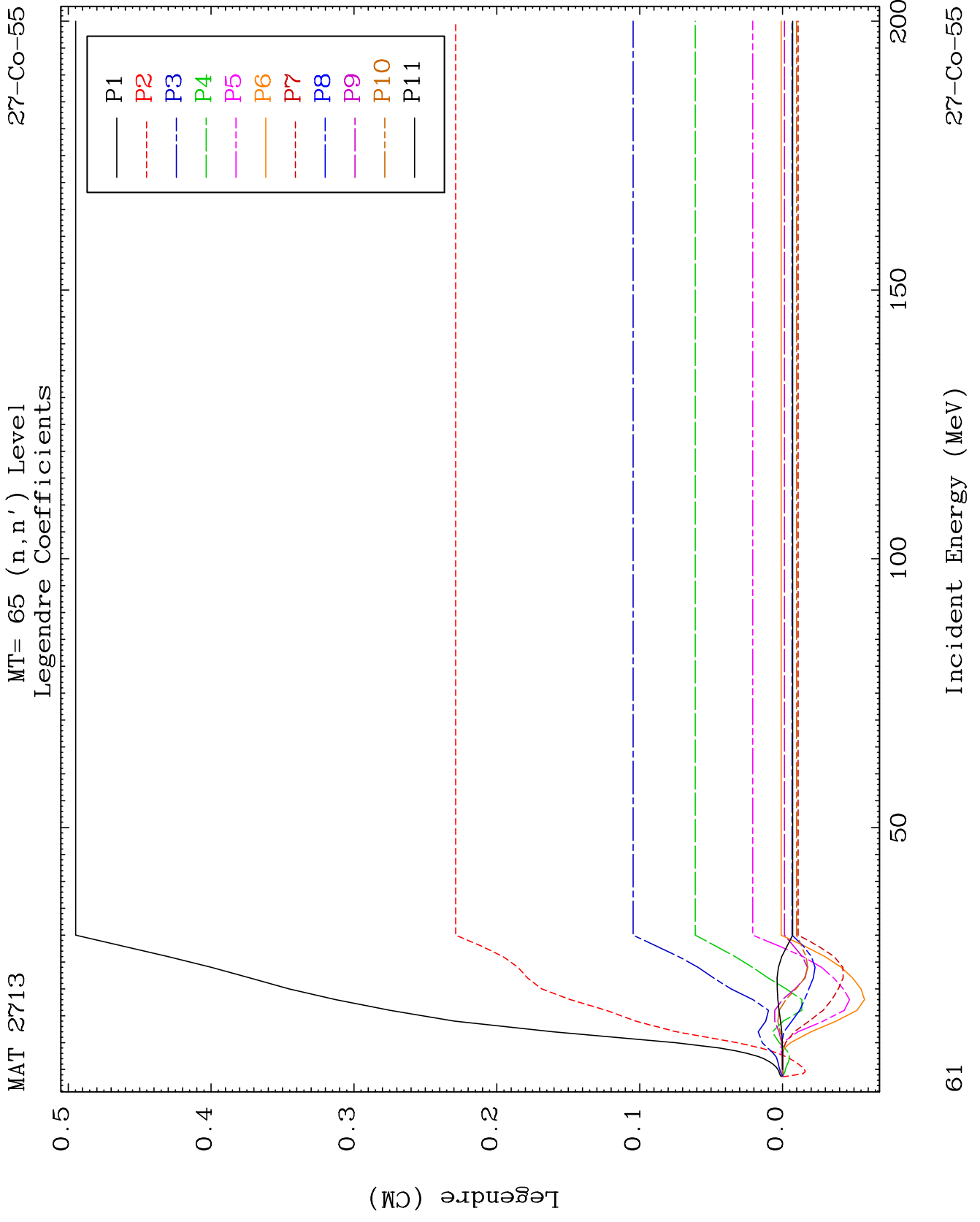
27-Co-55

MAT 2713

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

27-Co-55

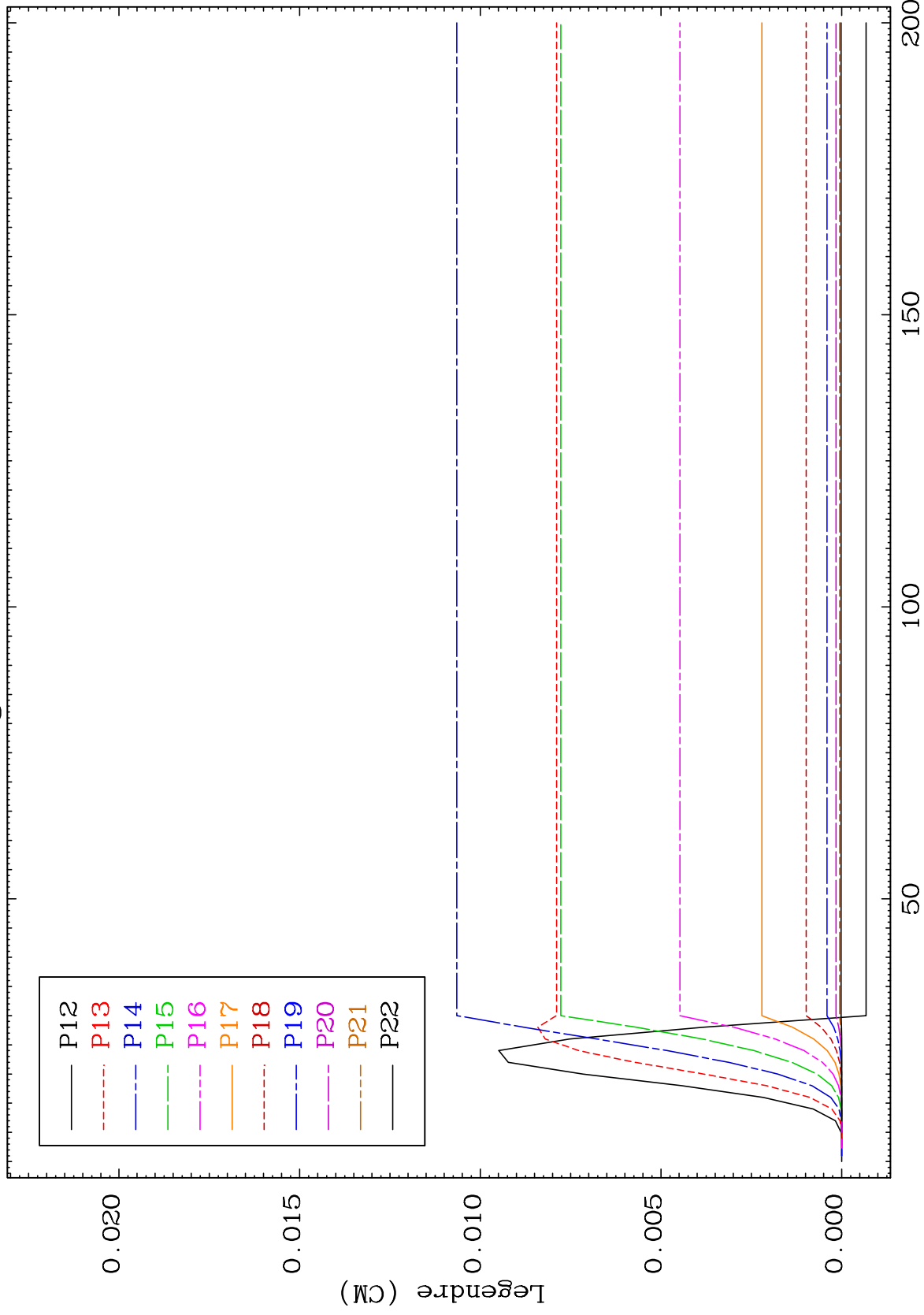




MAT 2713

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

27-Co-55



62

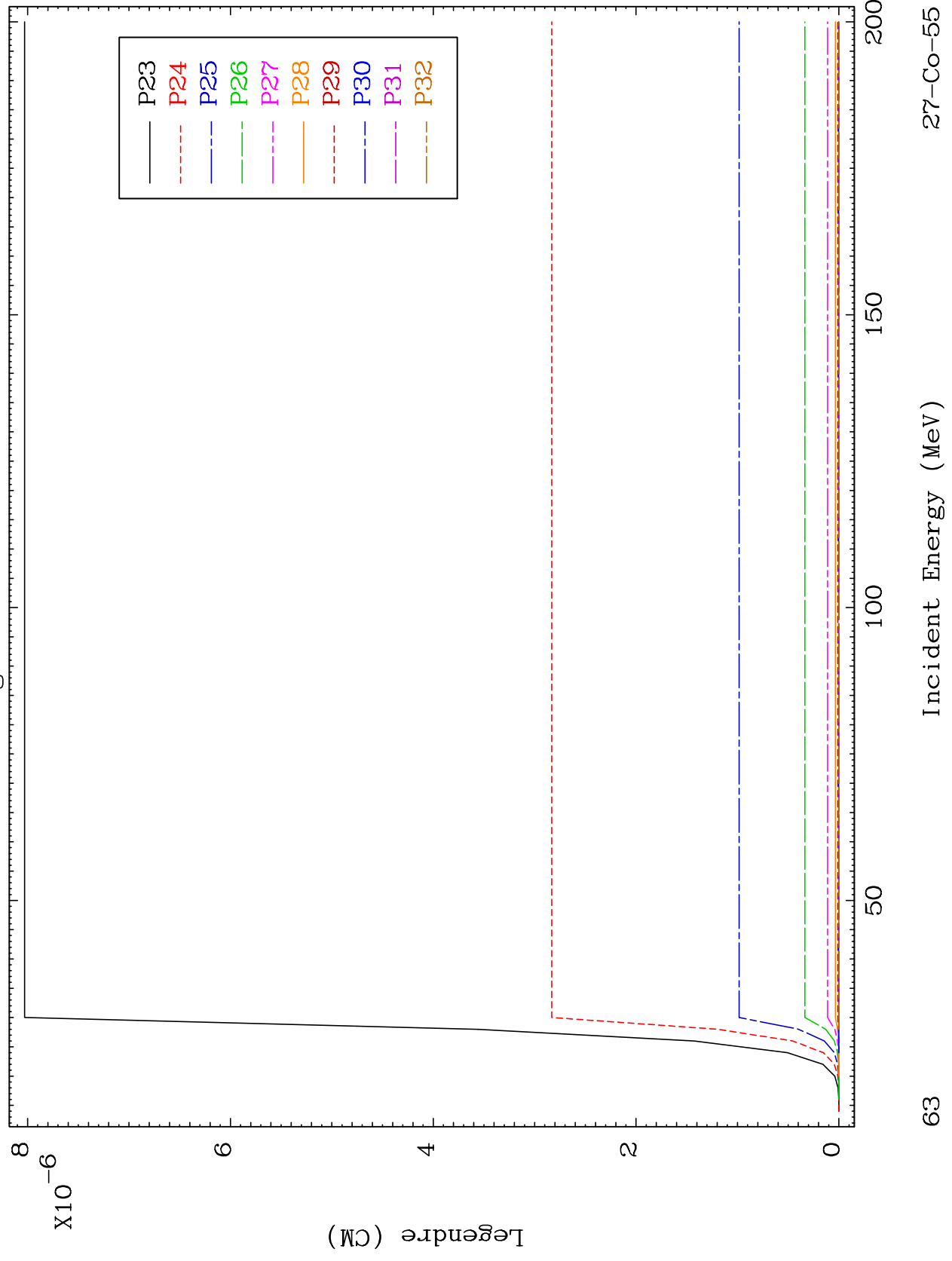
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



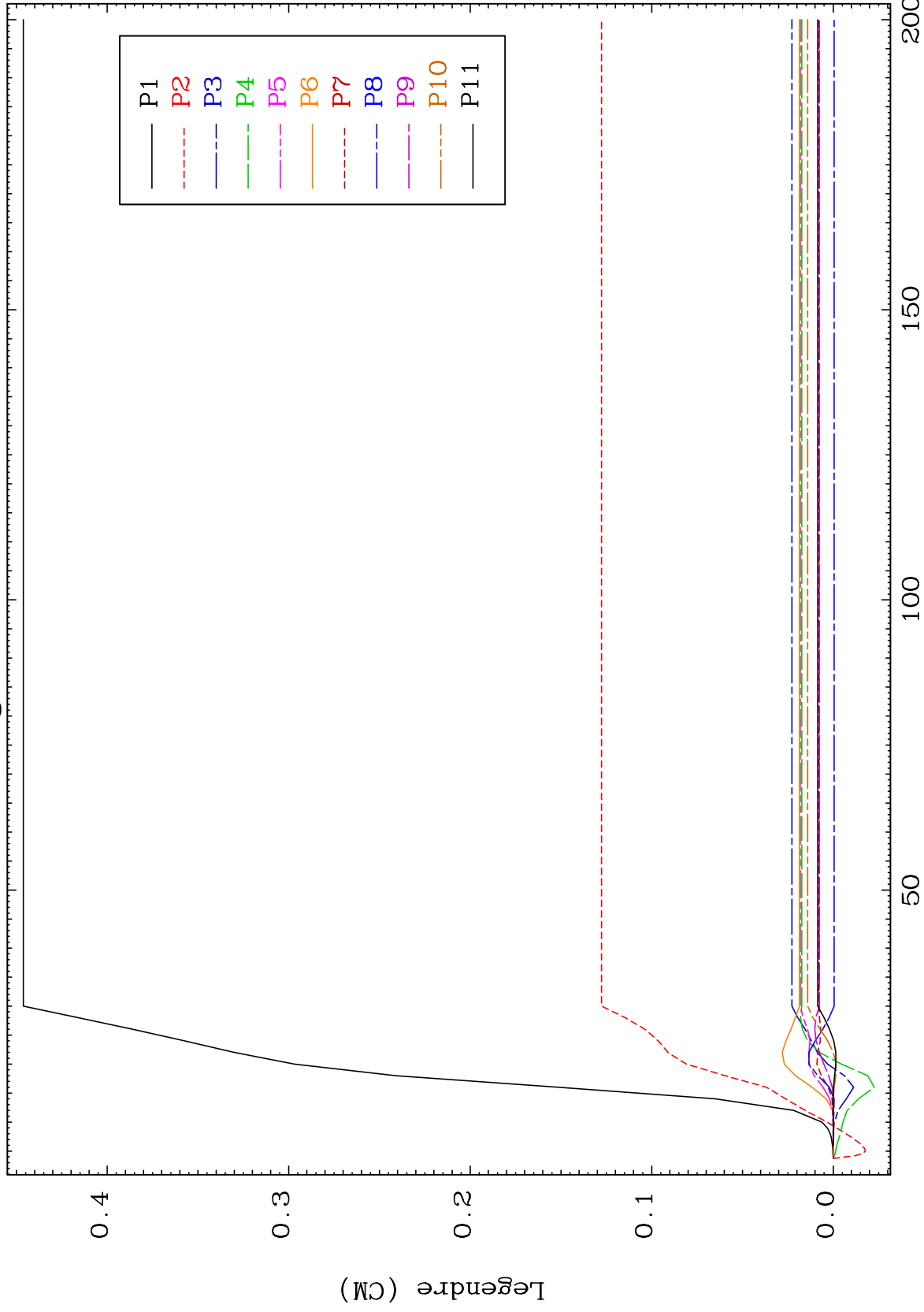
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27-Co-55

MAT 2713

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

27-Co-55



64

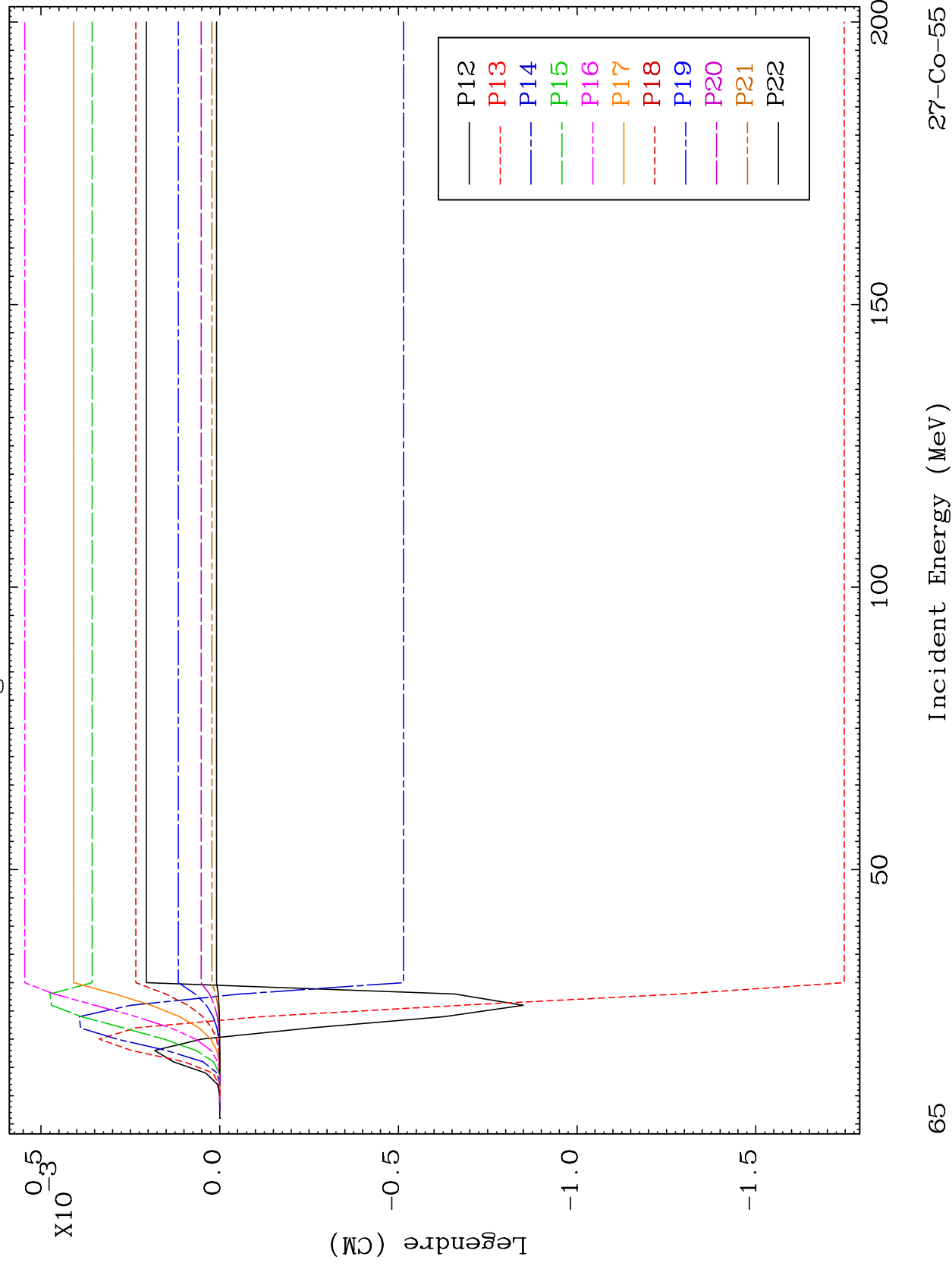
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



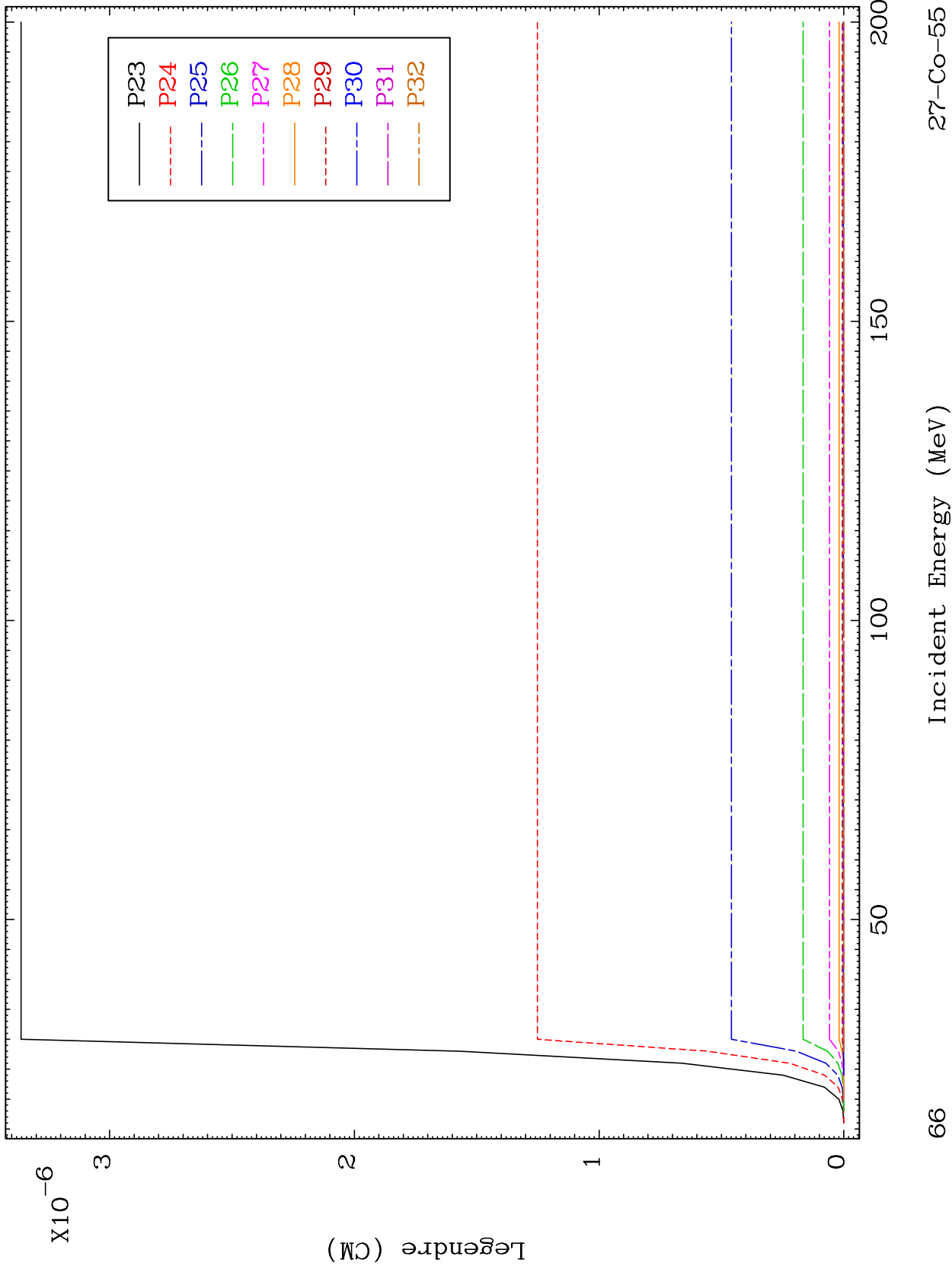
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27-Co-55

MAT 2713

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

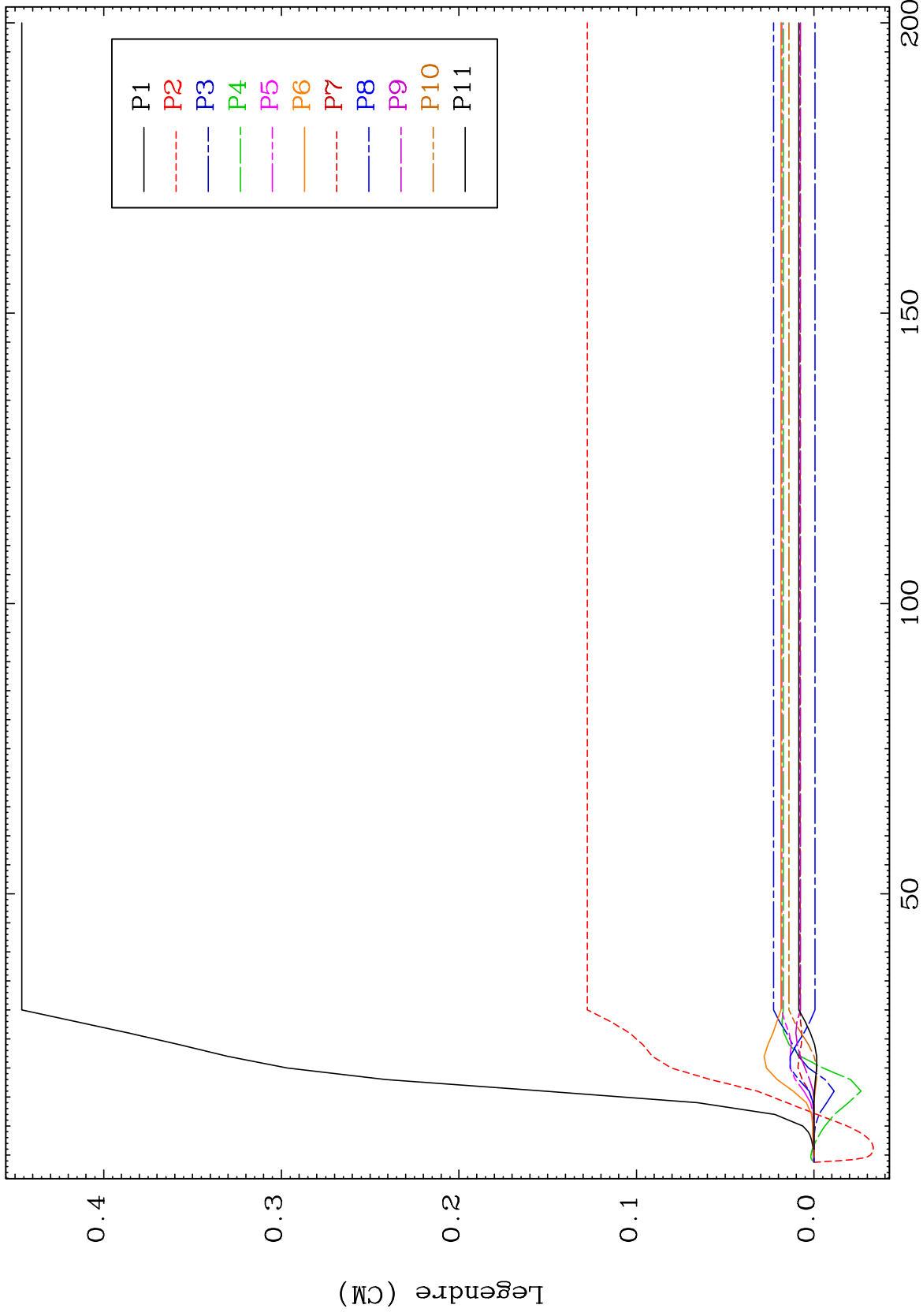
27-Co-55



MAT 2713

MT= 67 (n,n') Level
Legendre Coefficients

27-Co-55



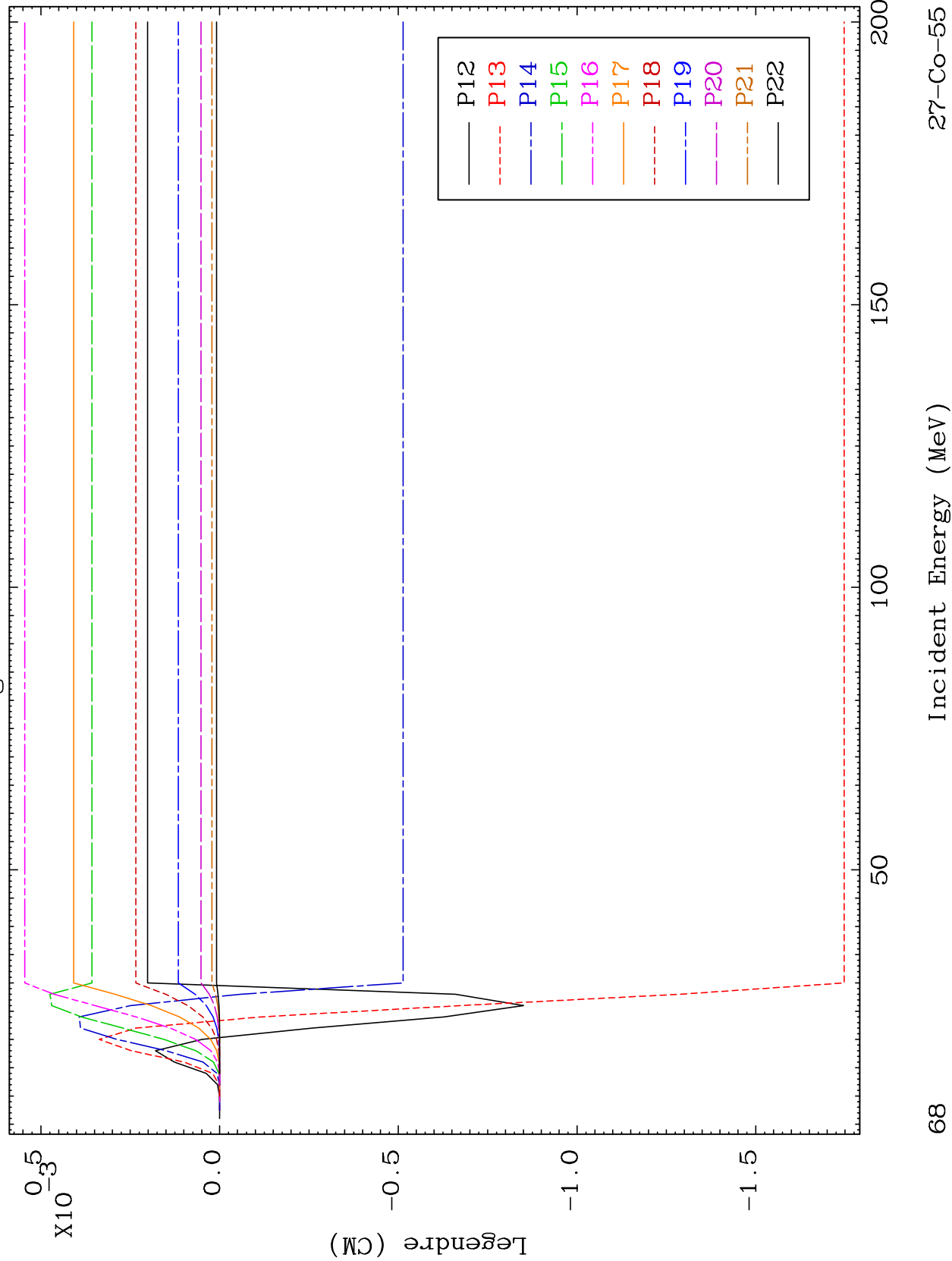
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27-Co-55

MAT 2713

MT= 67 (n,n') Level
Legendre Coefficients

27-Co-55



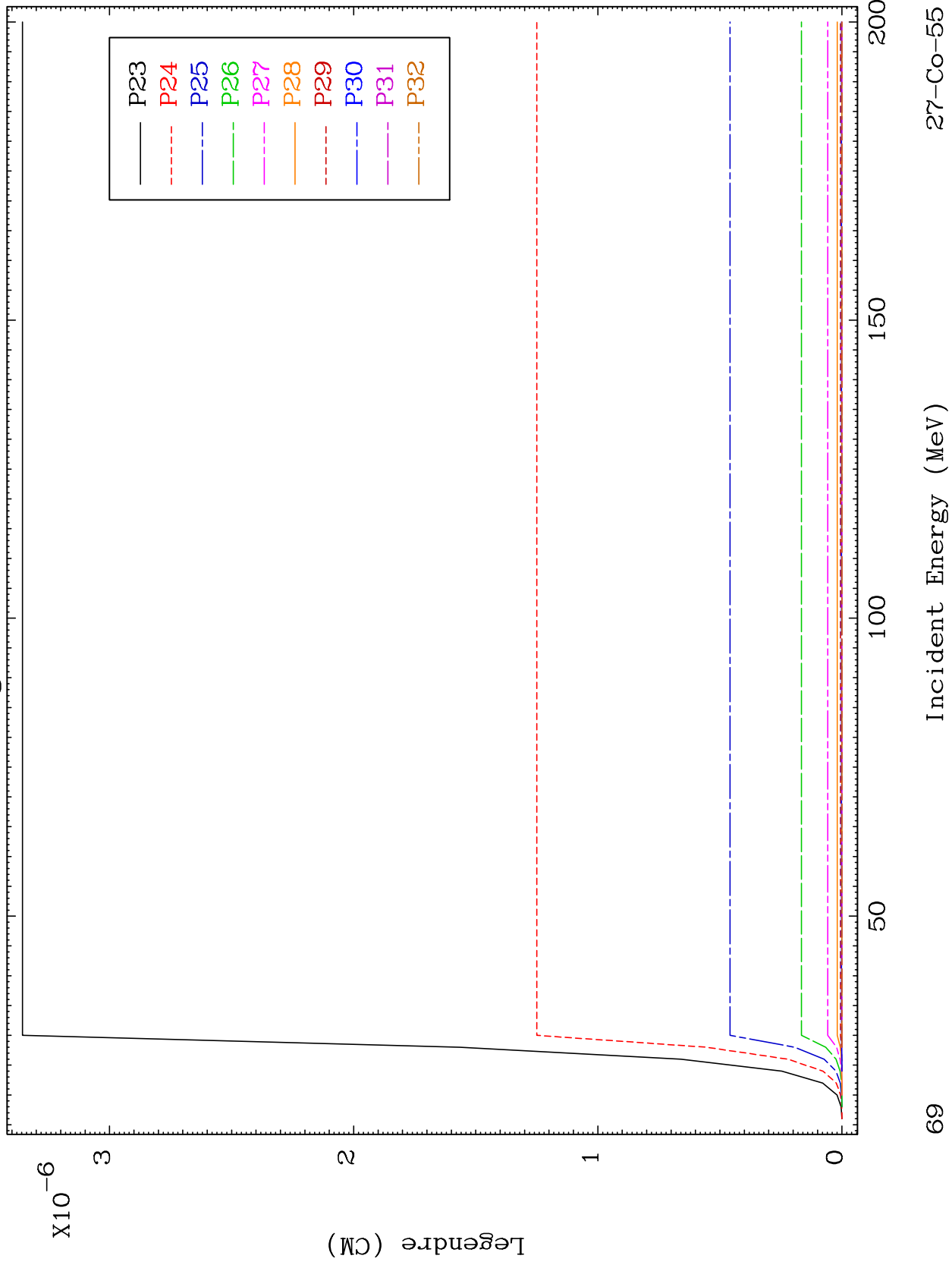
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27-Co-55

MAT 2713

MT= 67 (n,n') Level
Legendre Coefficients

27-Co-55



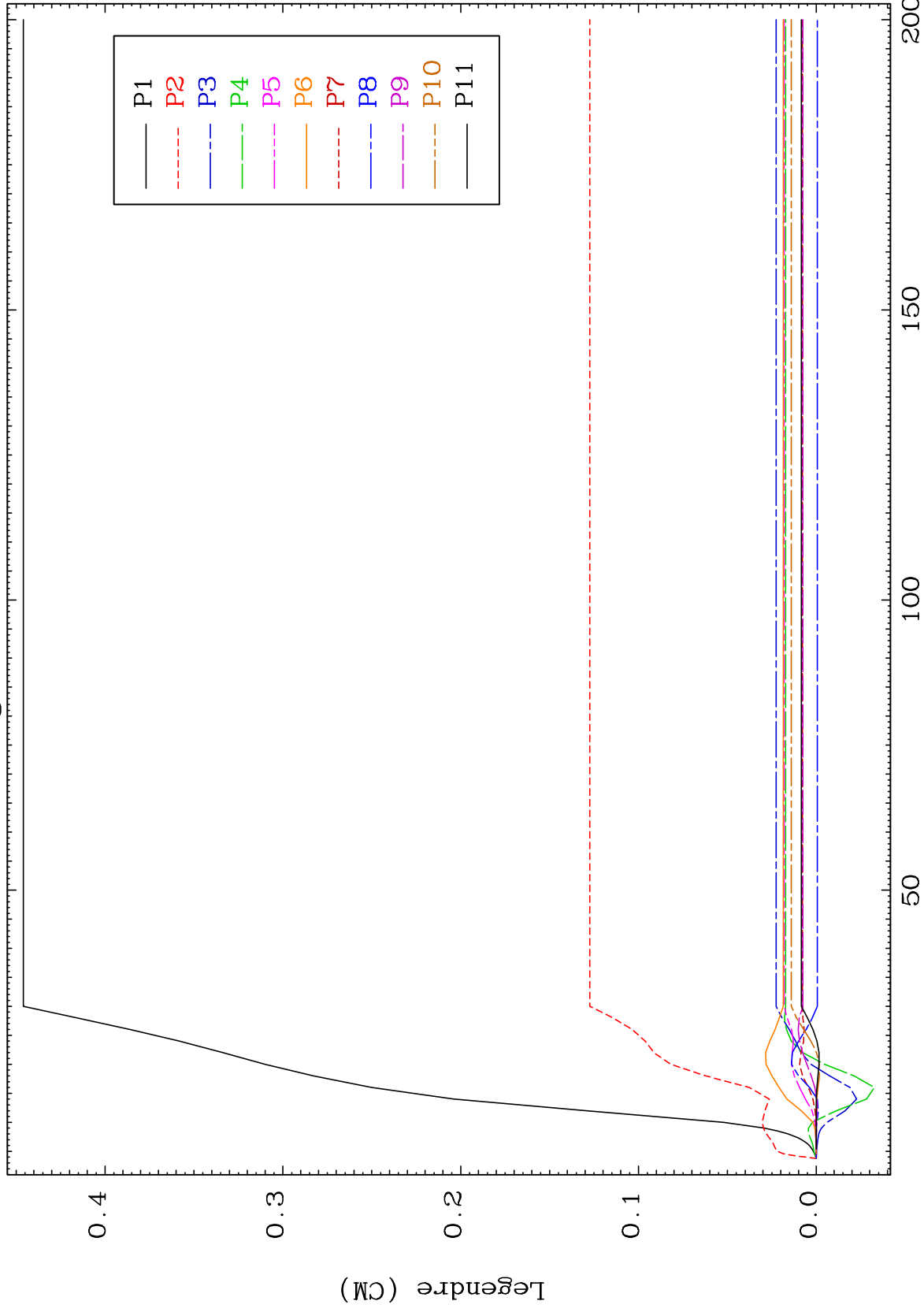
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27-Co-55

MAT 2713

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

27-Co-55



70

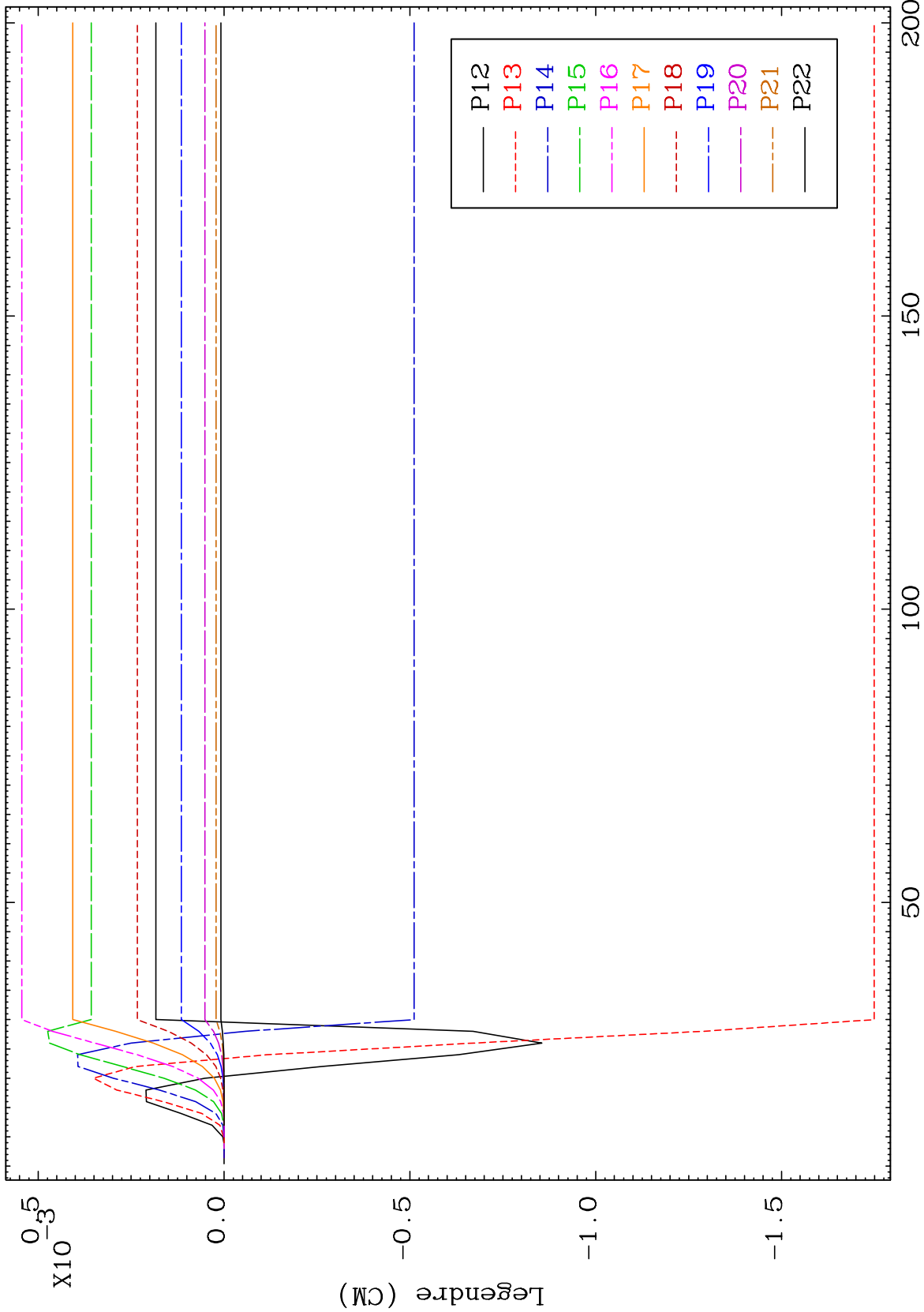
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



71

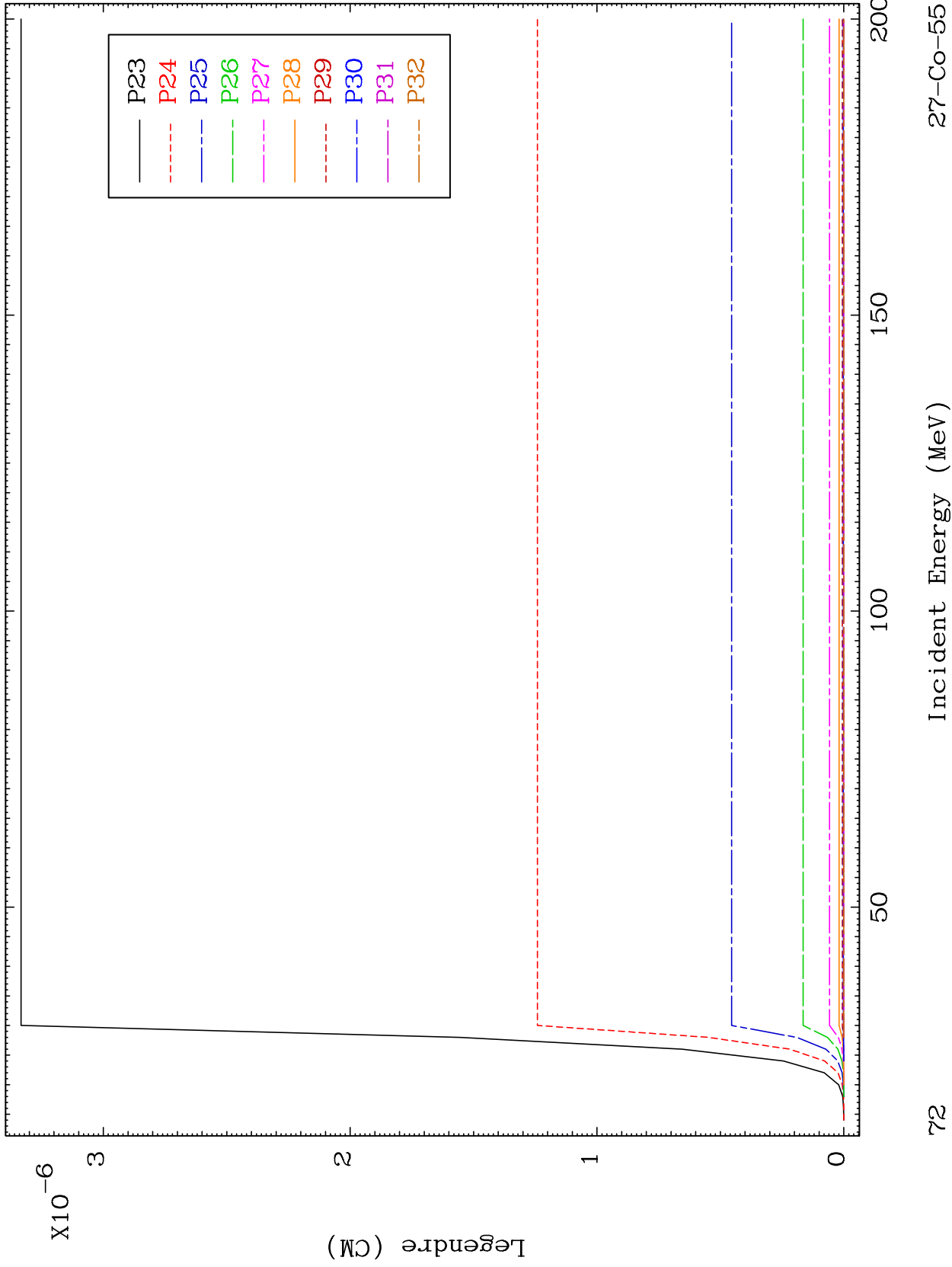
Incident Energy (MeV)

27-Co-55

MAT 2713

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

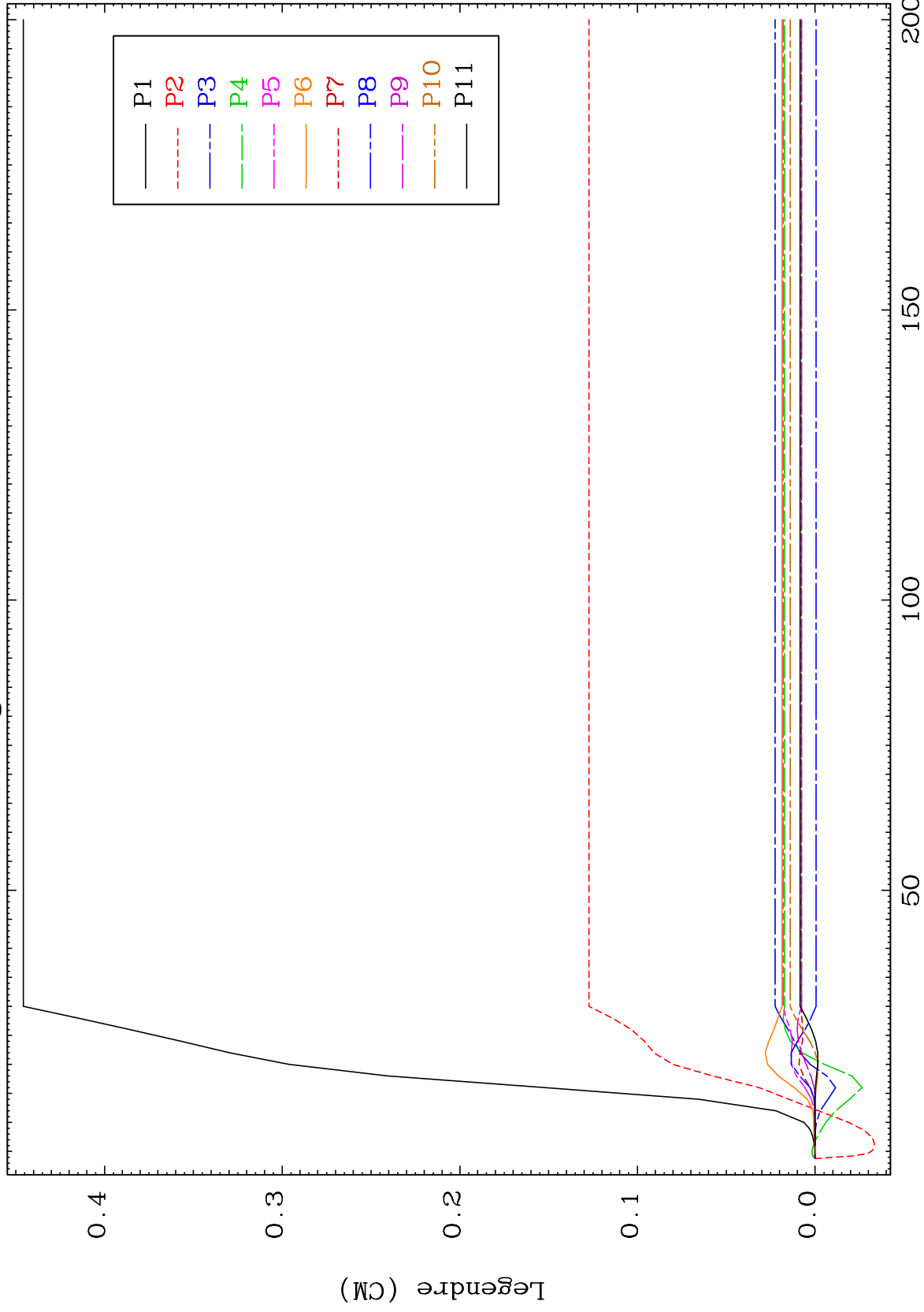
27-Co-55



MAT 2713

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

27-Co-55



73

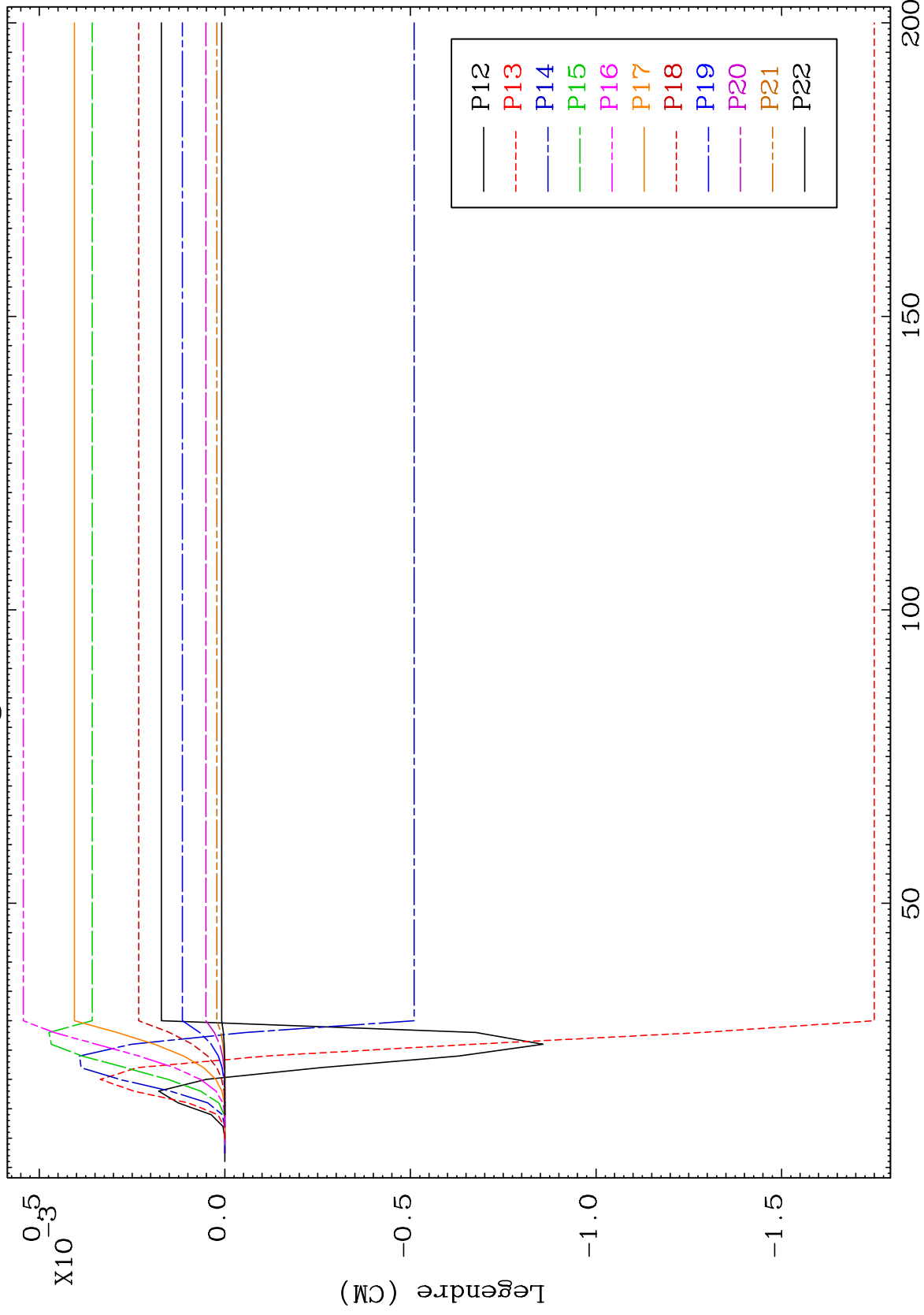
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



74

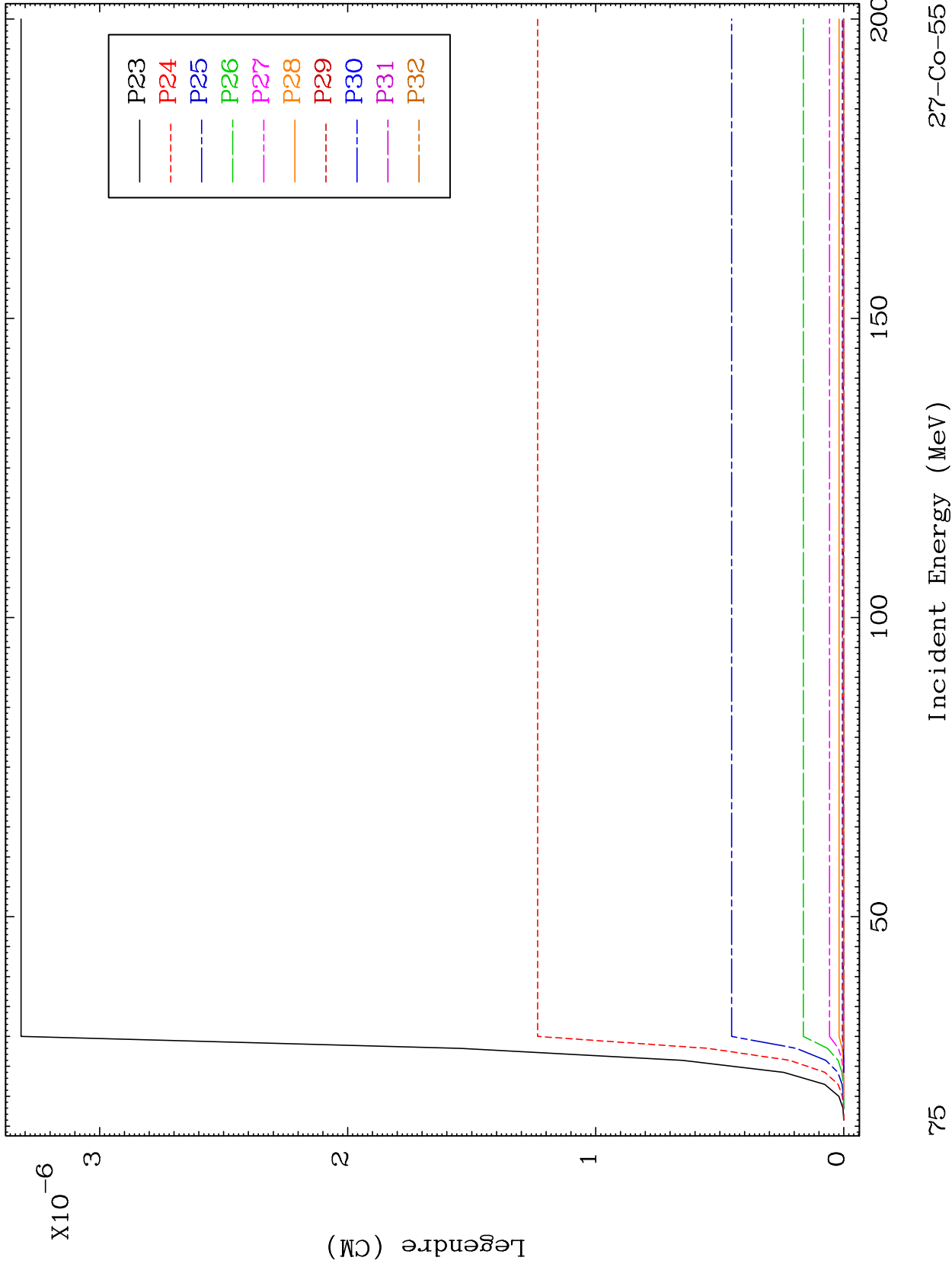
Incident Energy (MeV)

27-Co-55

MAT 2713

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

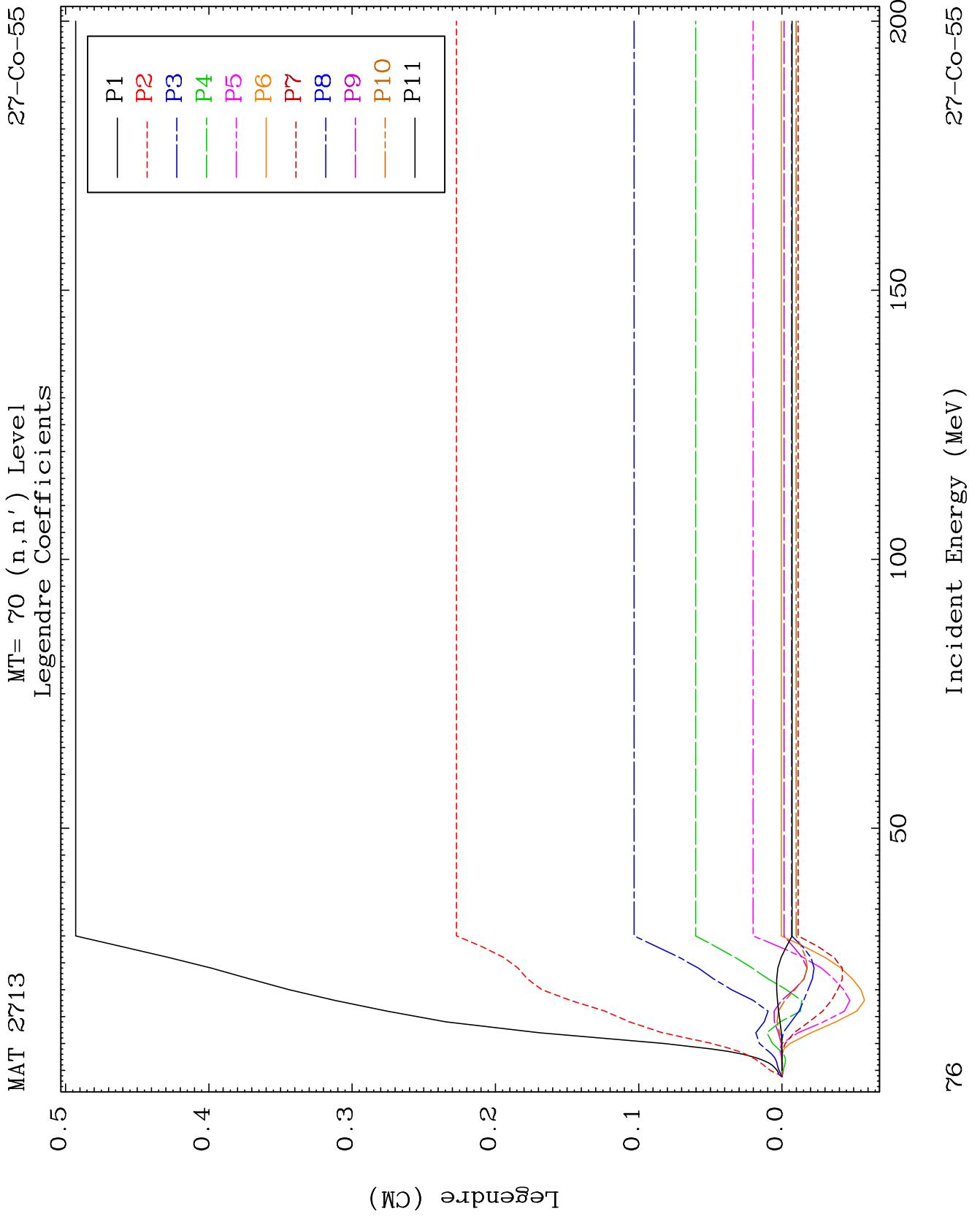
27-Co-55



75

Incident Energy (MeV)

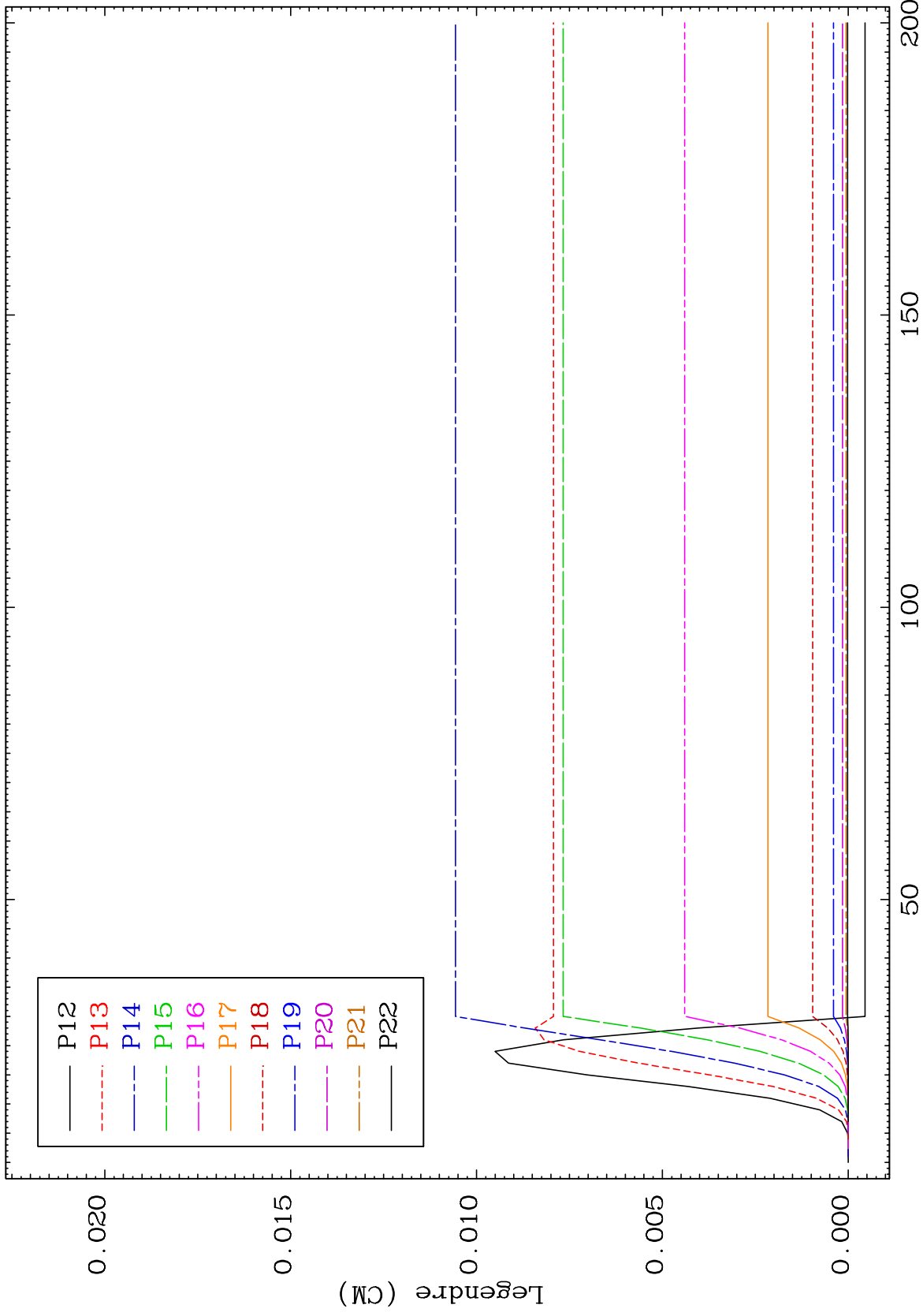
27-Co-55



MAT 2713

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

27-Co-55



77

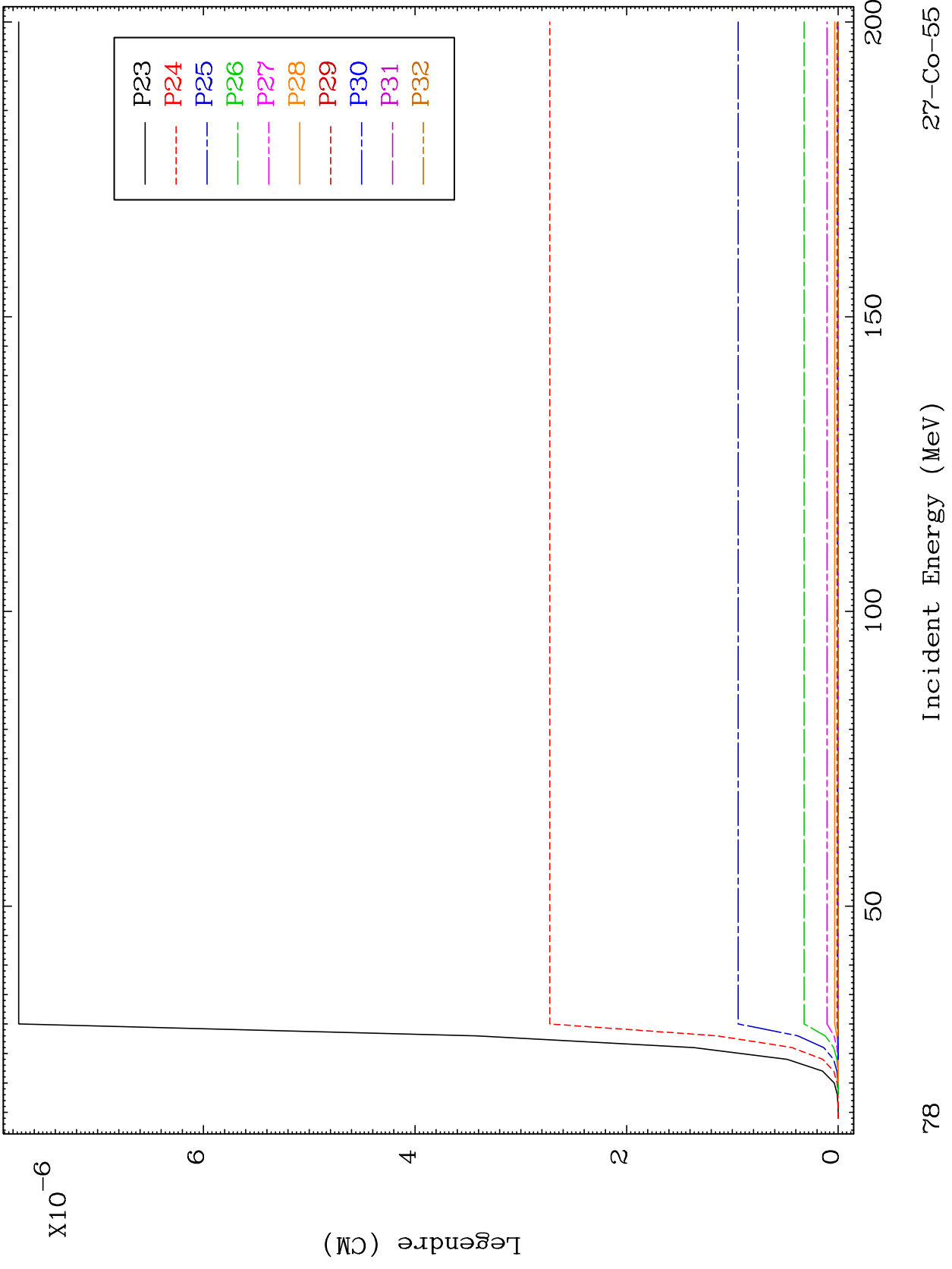
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



78

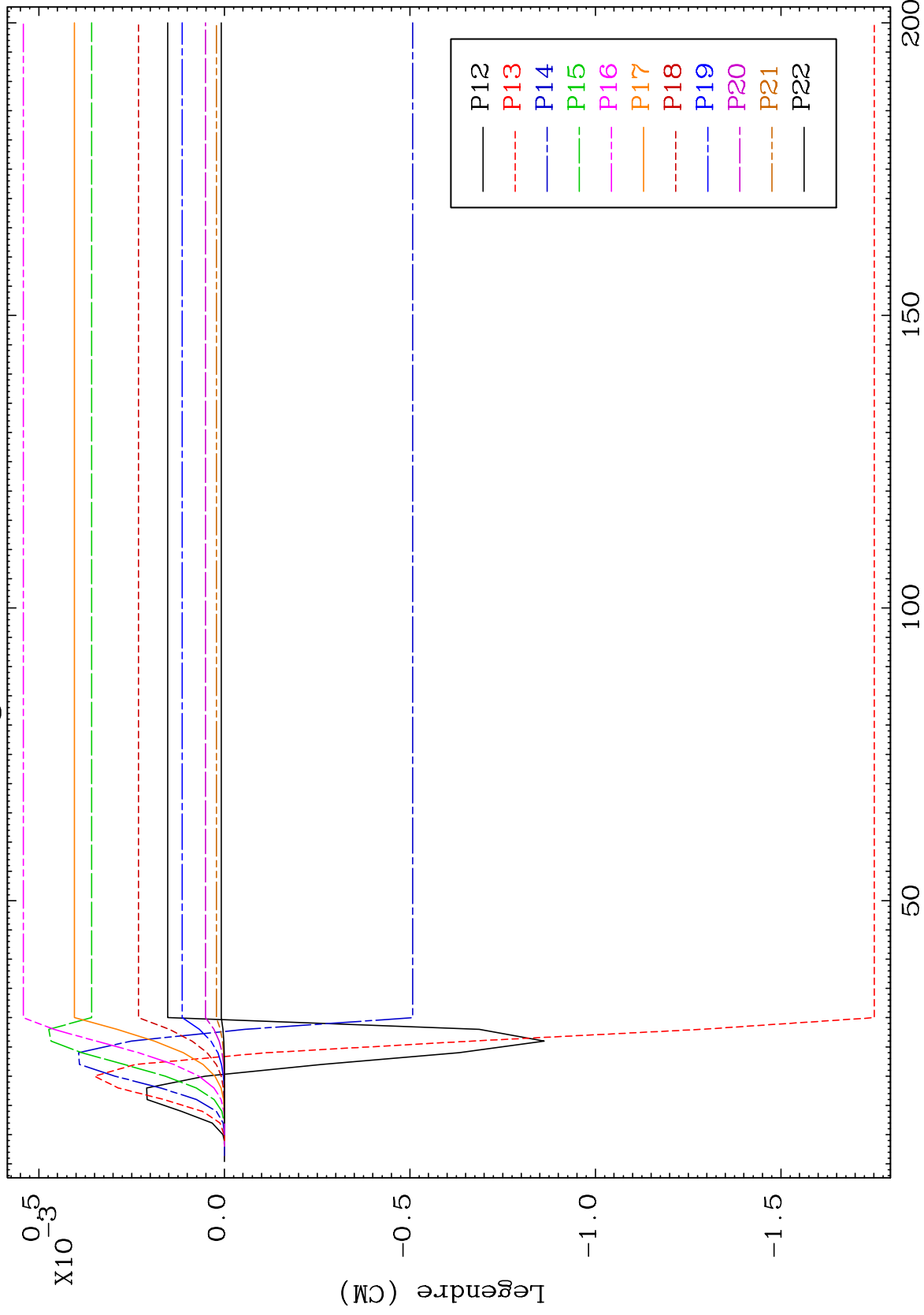
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



80

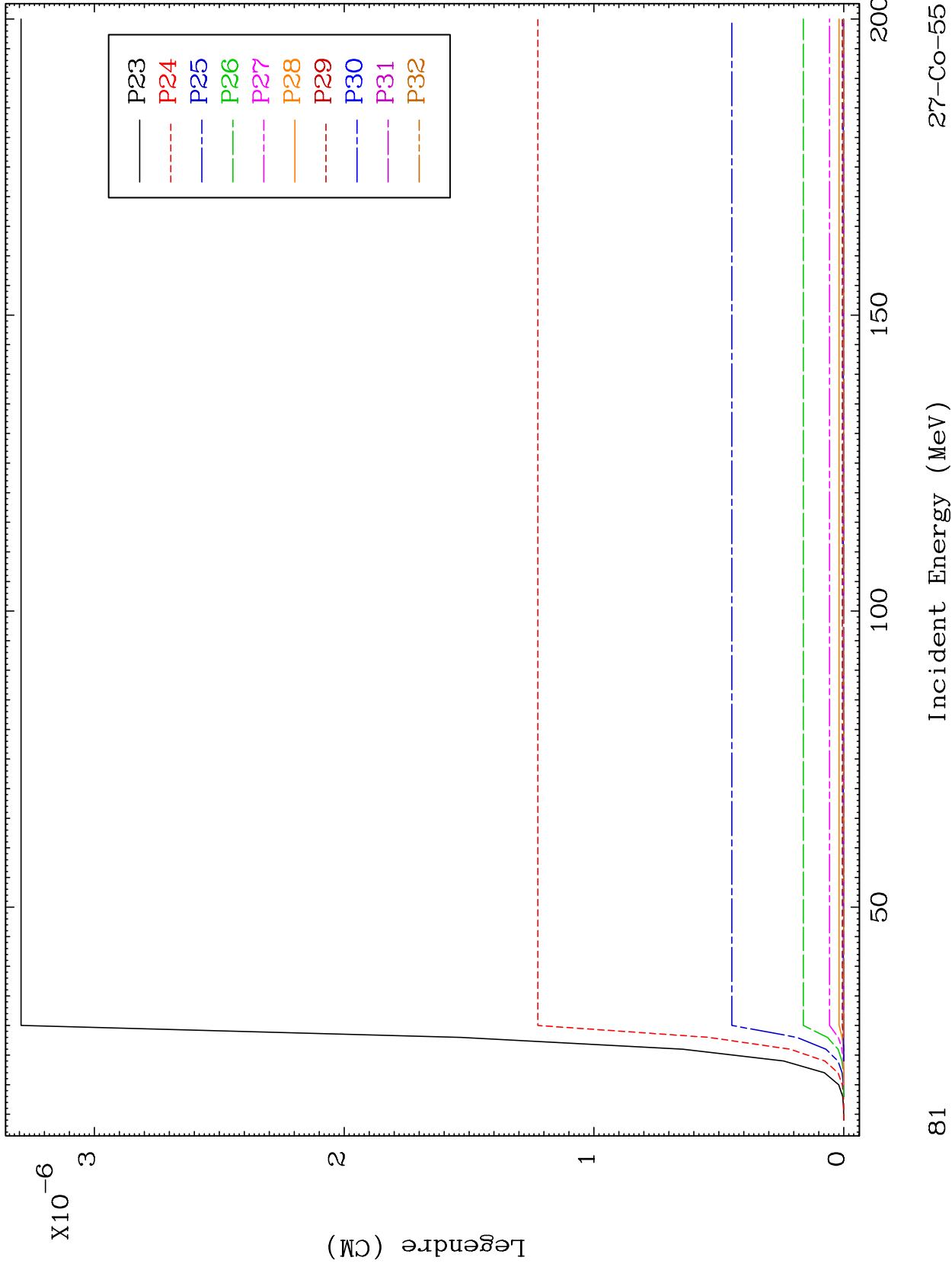
Incident Energy (MeV)

27-Co-55

MAT 2713

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

27-Co-55



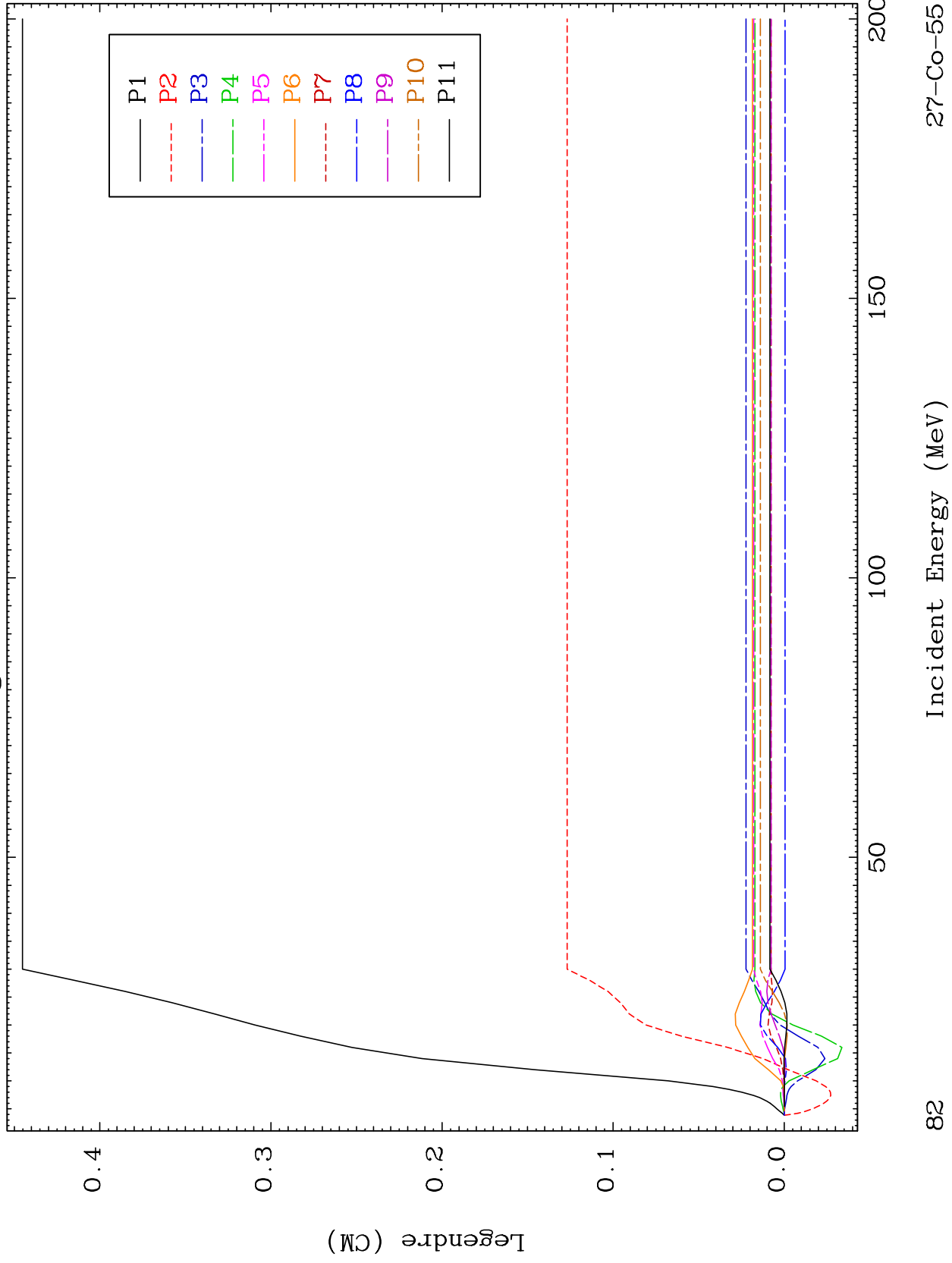
81

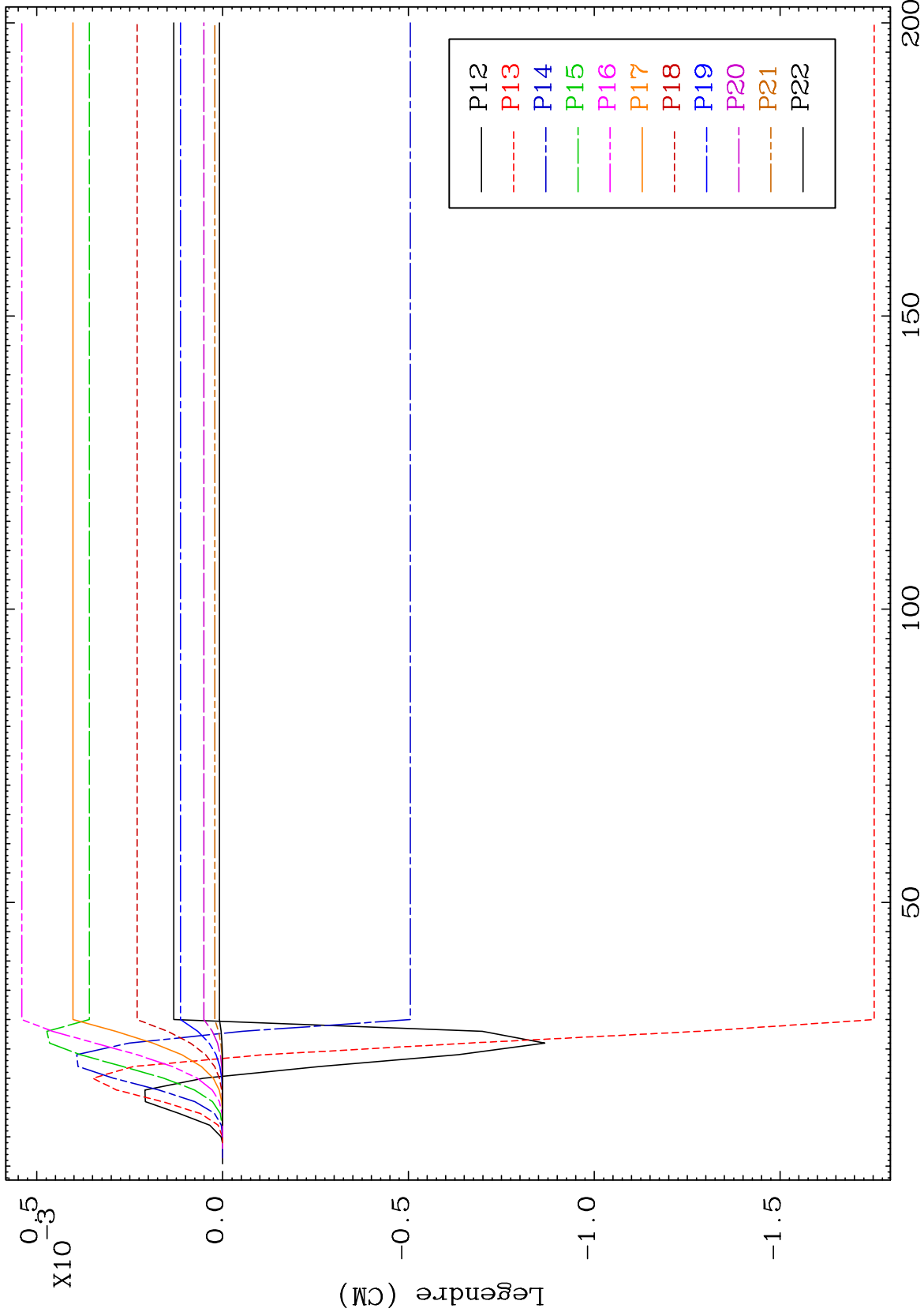
27-Co-55

MAT 2713

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

27-Co-55

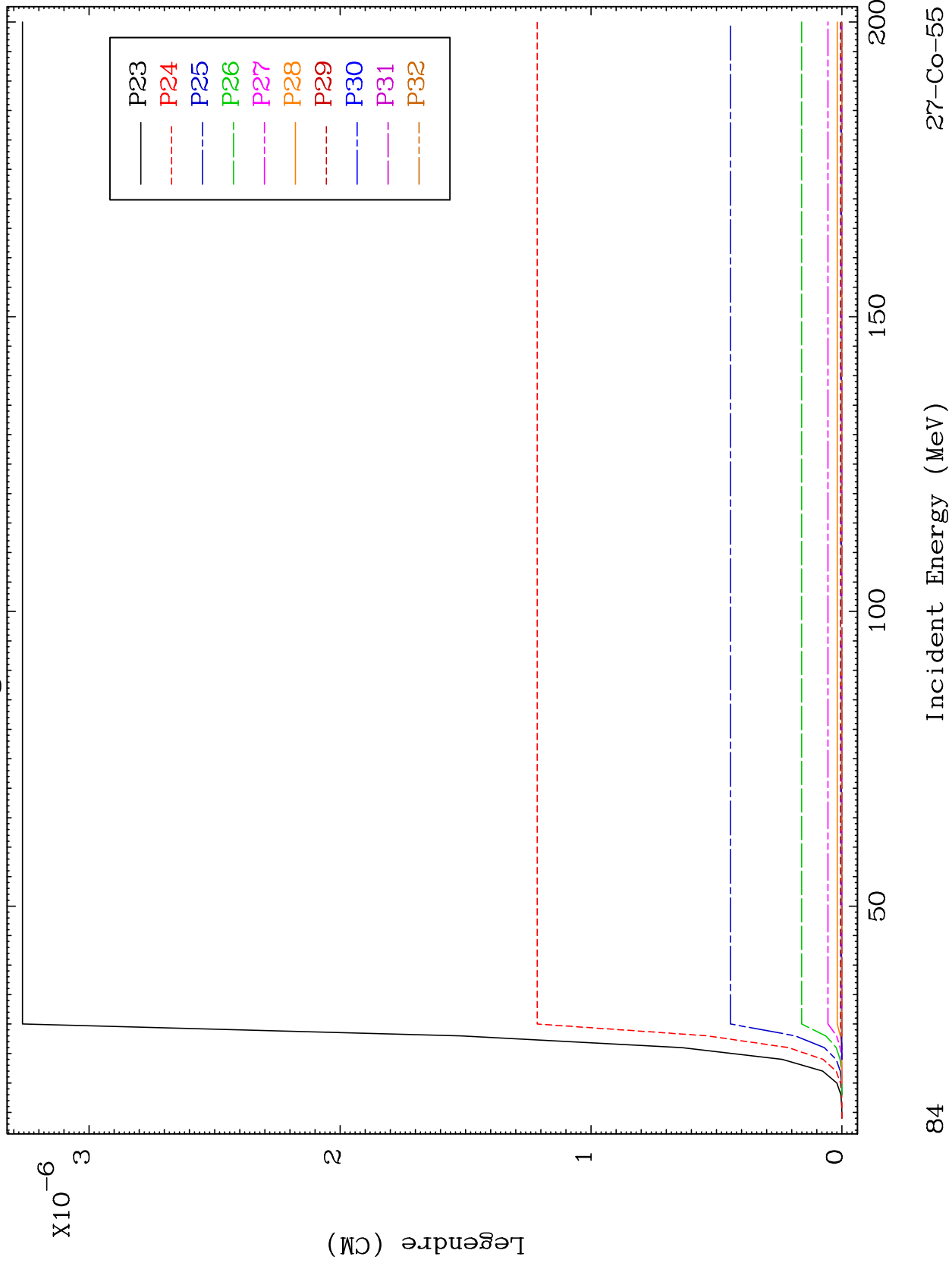




MAT 2713

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

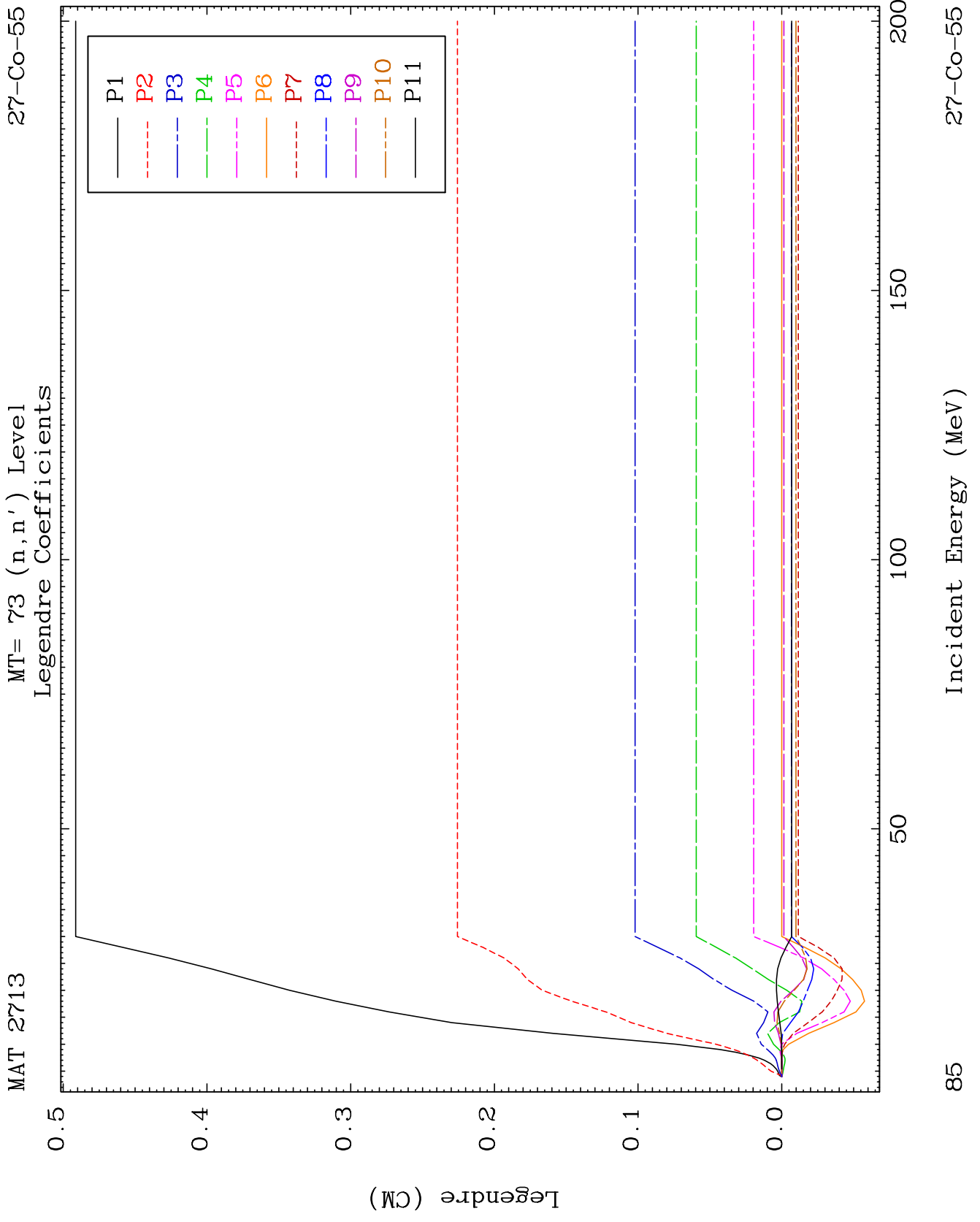
27-Co-55

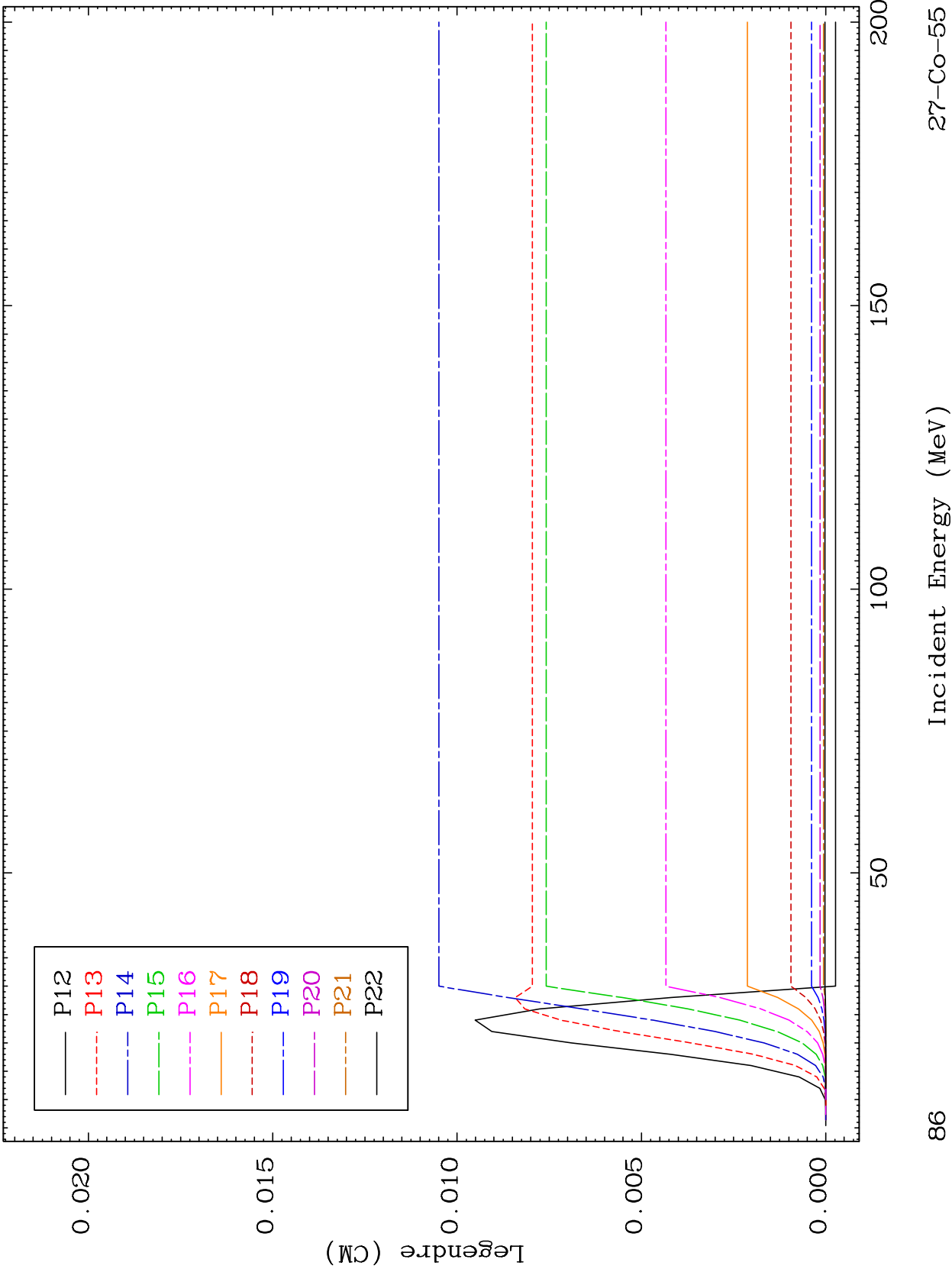


84

Incident Energy (MeV)

27-Co-55

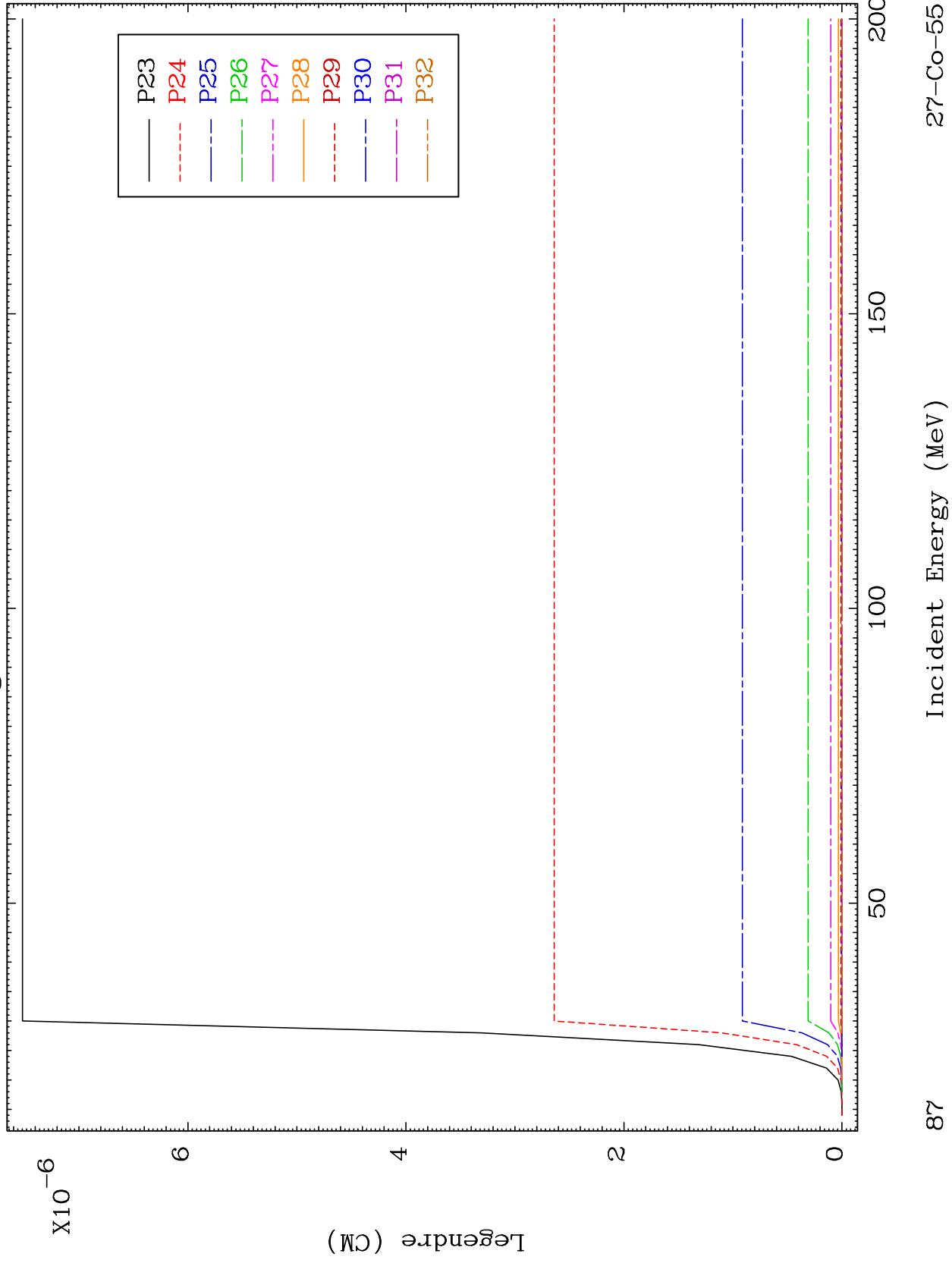




MAT 2713

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

27-Co-55



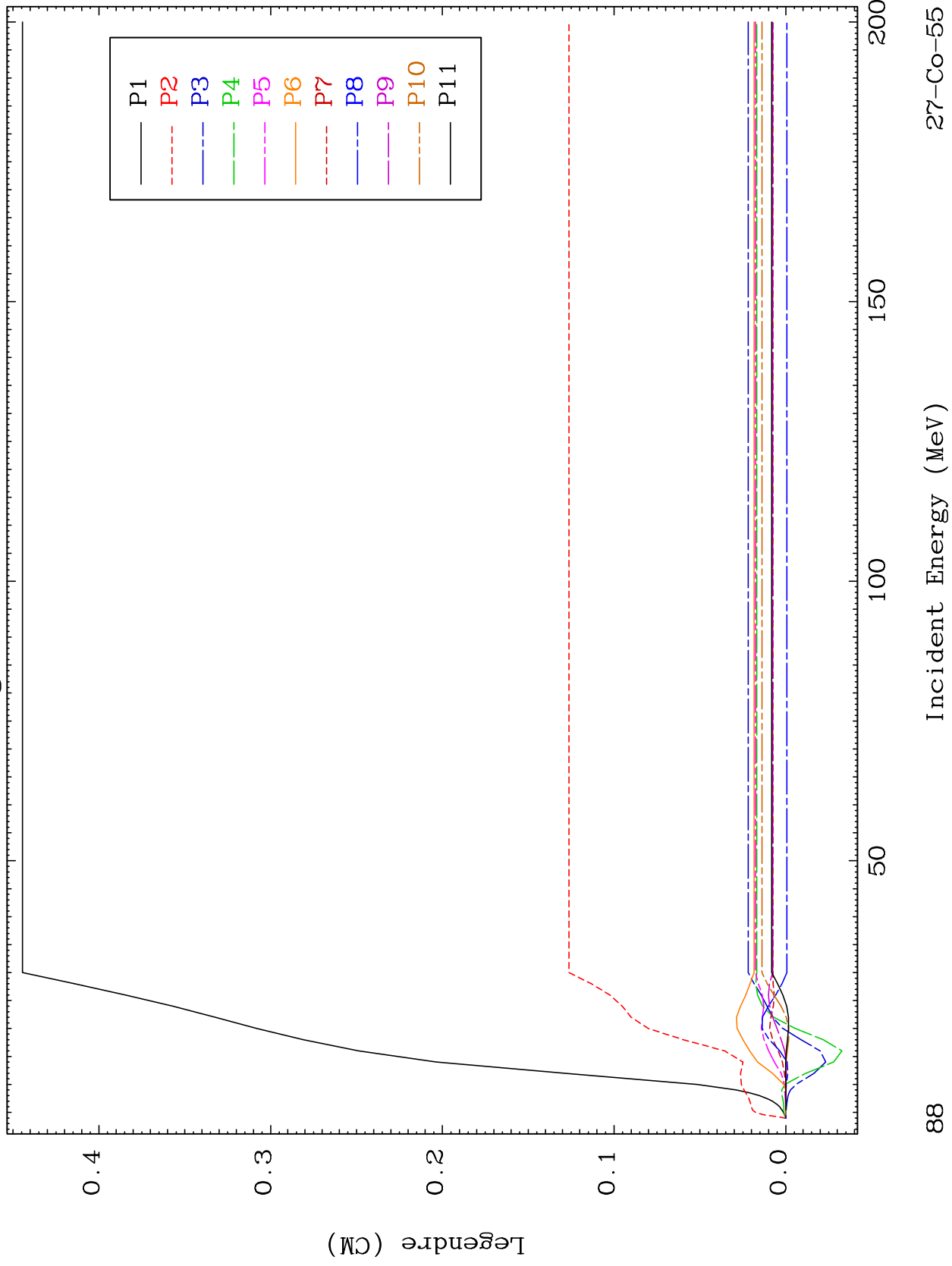
87

27-Co-55

MAT 2713

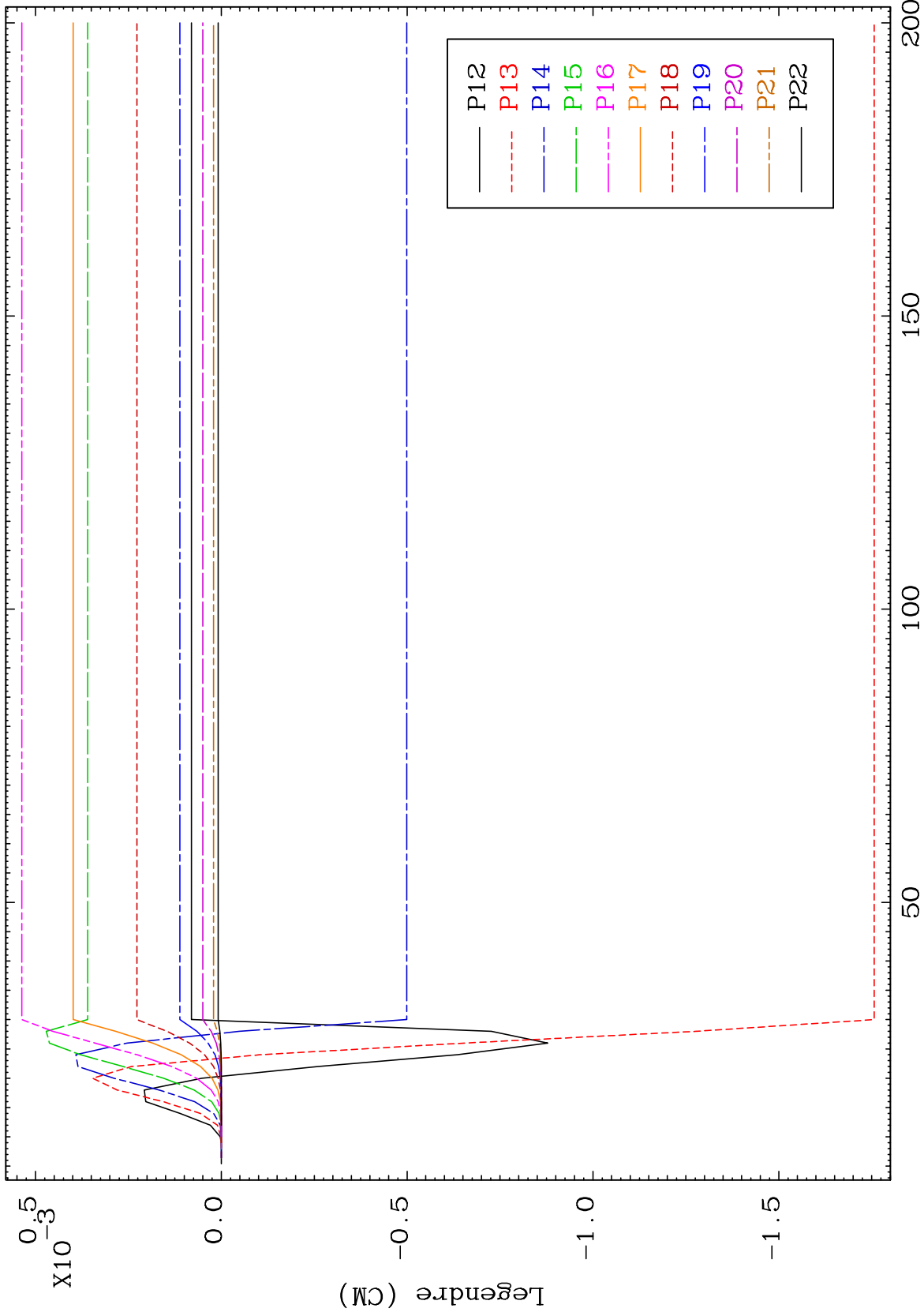
MT= 74 (n,n') Level
Legendre Coefficients

27-Co-55



88

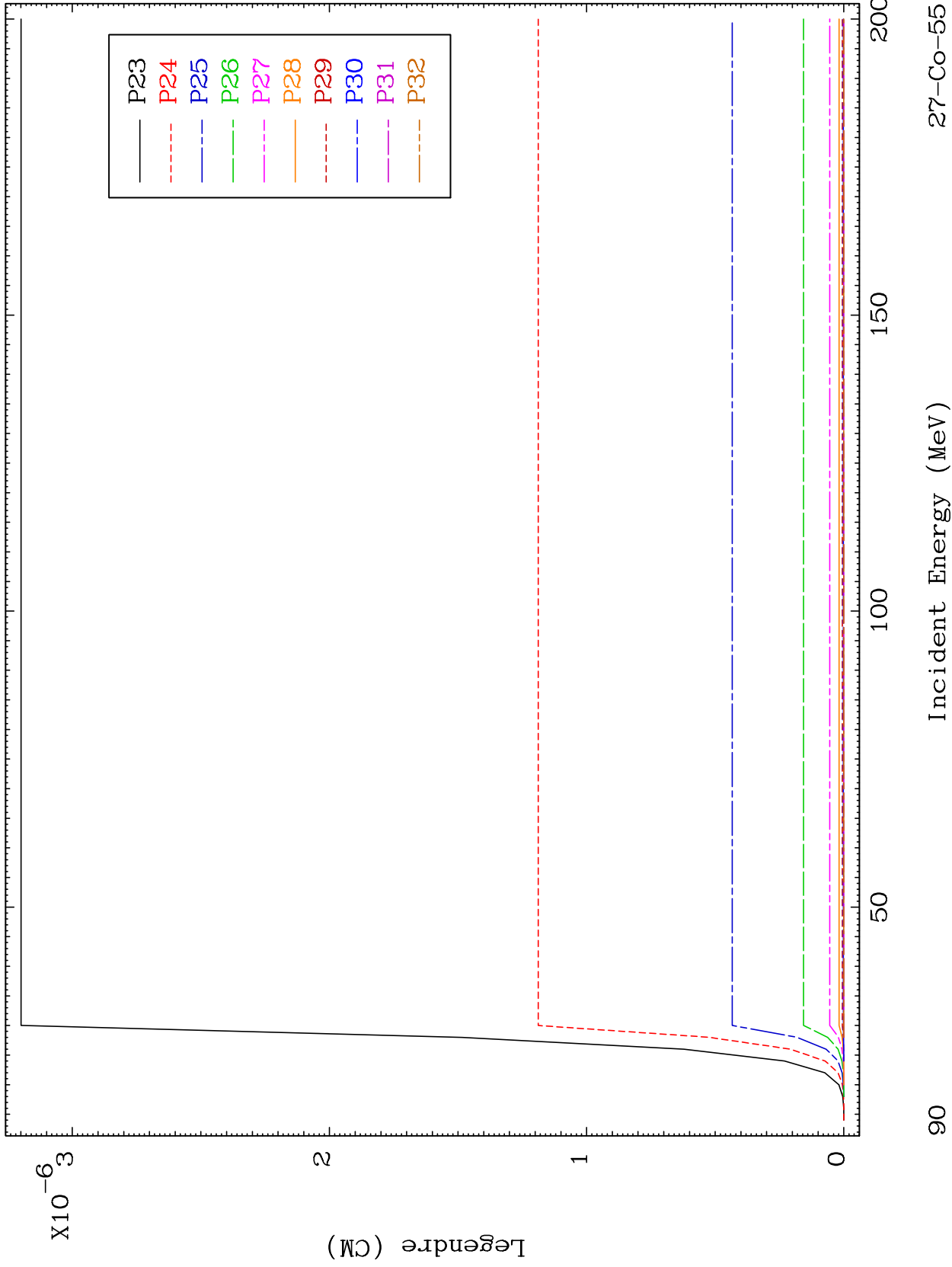
27-Co-55



MAT 2713

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

27-Co-55



90

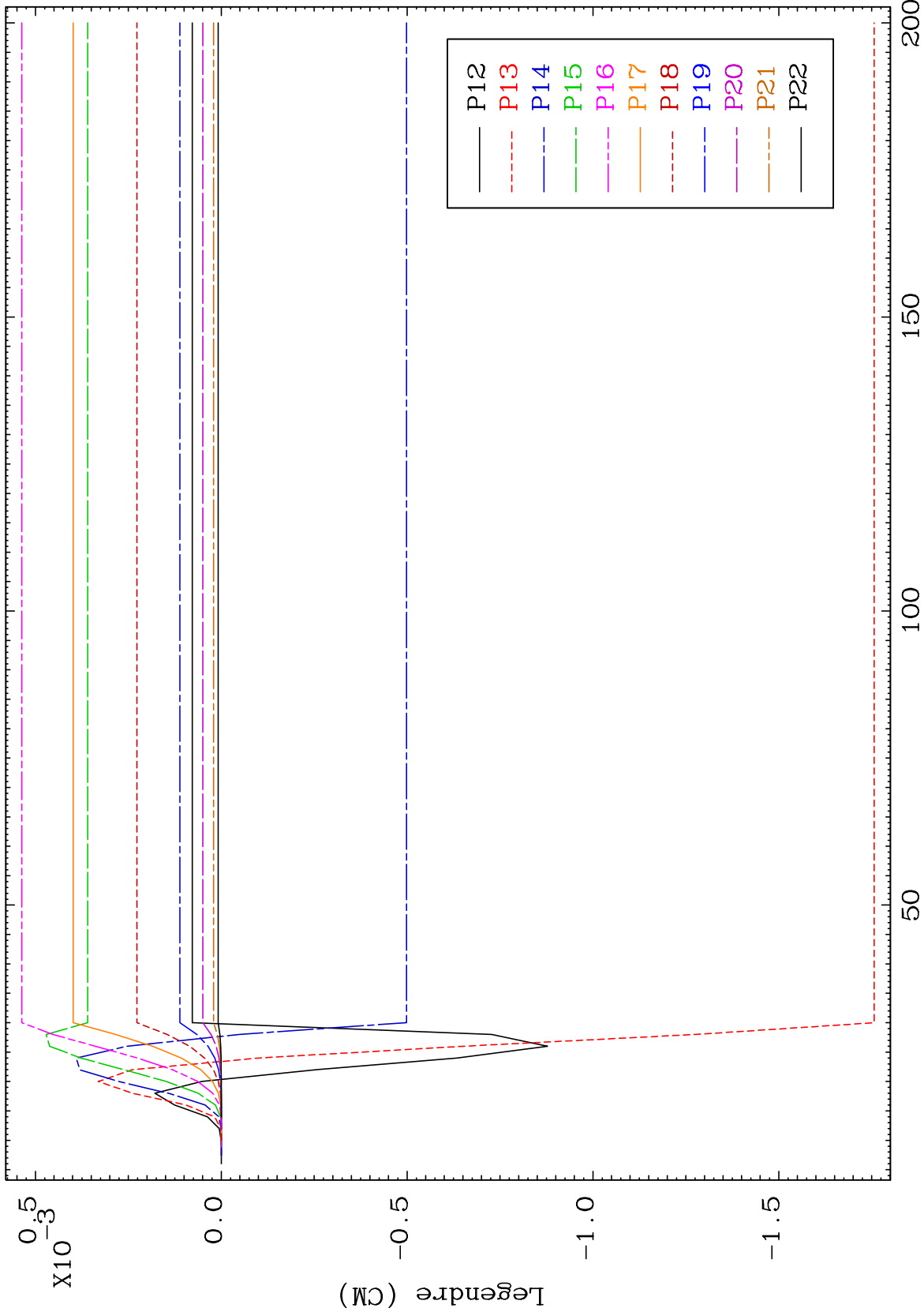
Incident Energy (MeV)

27-Co-55

MAT 2713

MT= 75 (n,n') Level
Legendre Coefficients

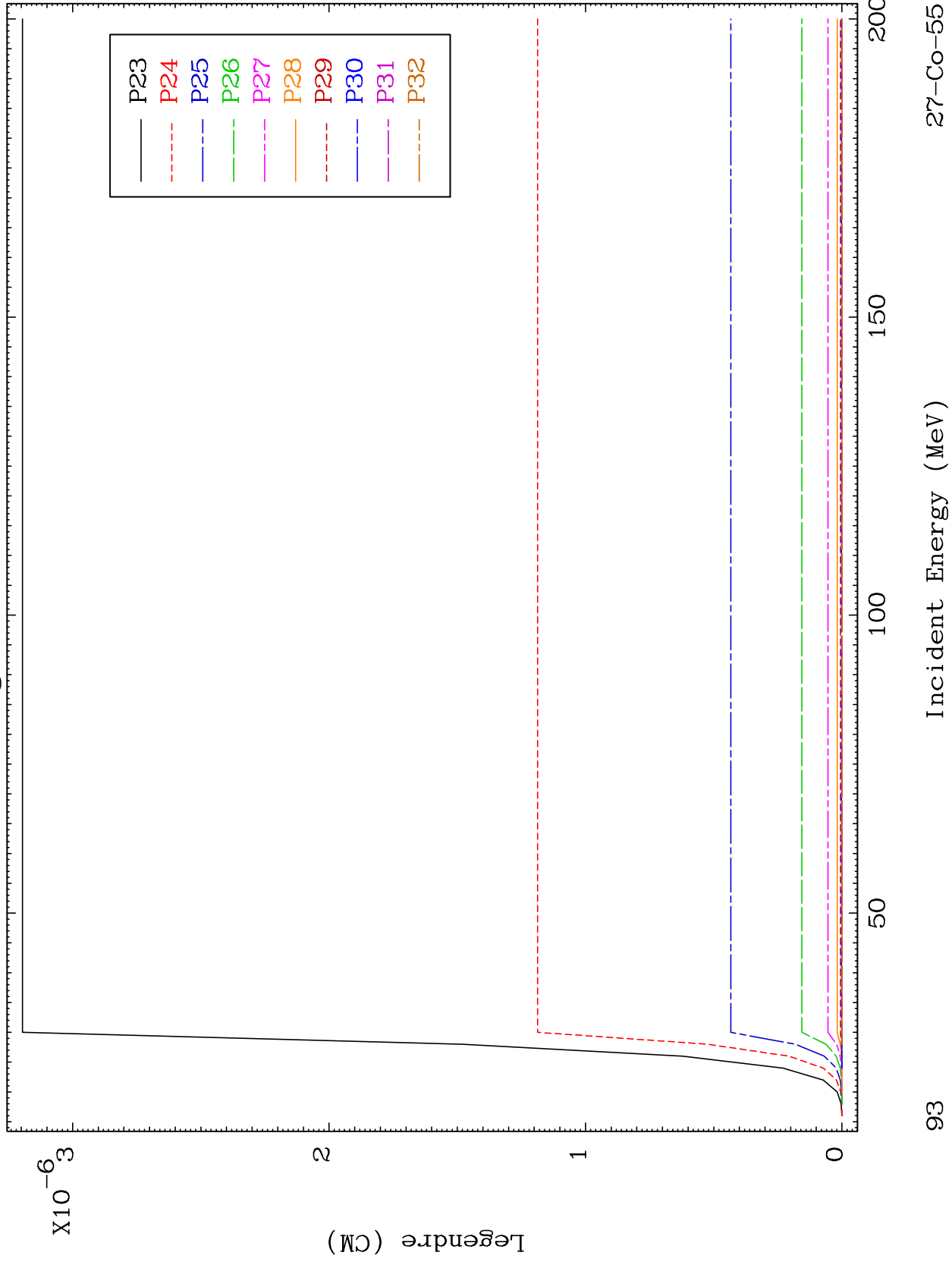
27-Co-55



MAT 2713

MT= 75 (n,n') Level
Legendre Coefficients

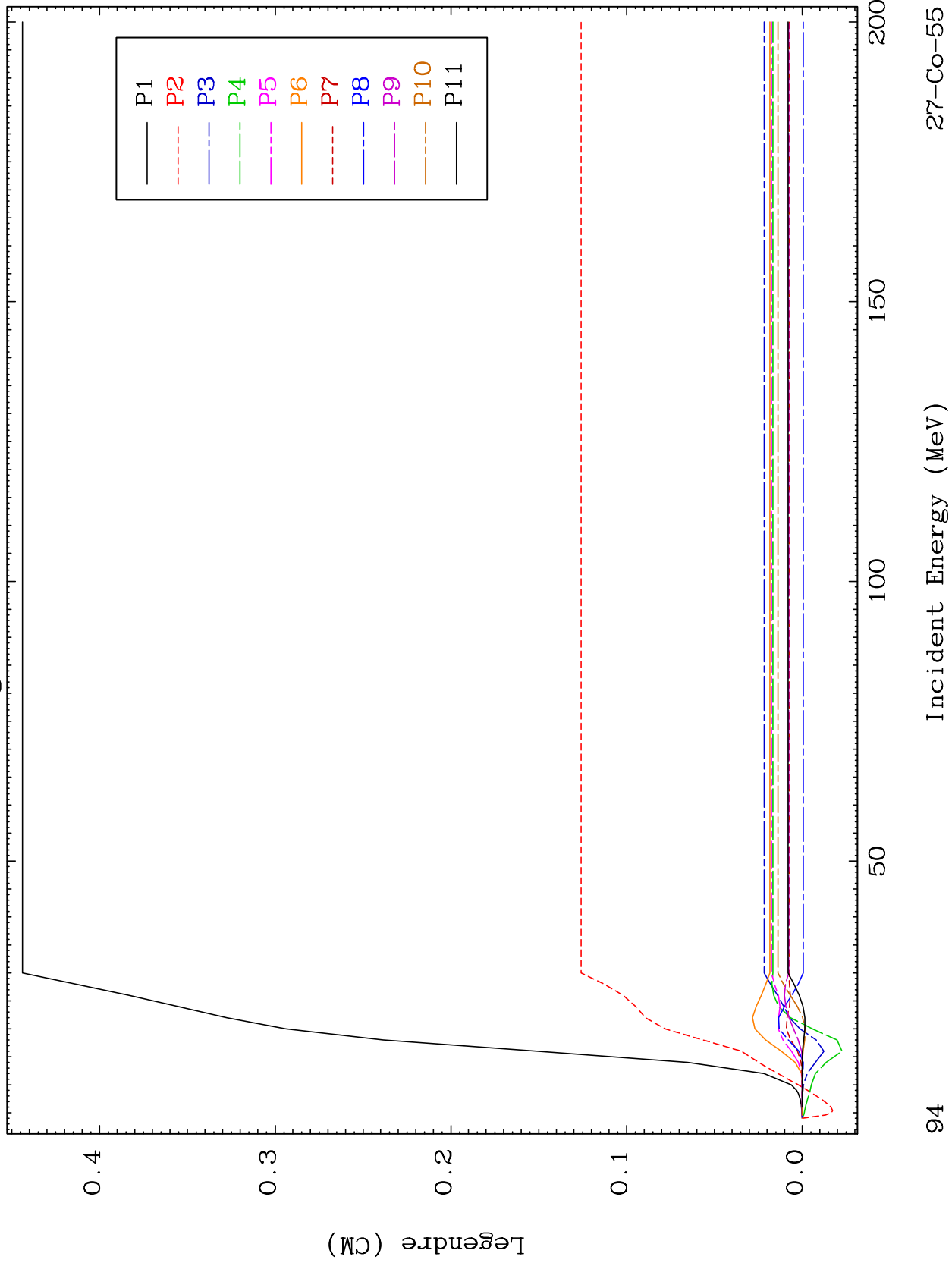
27-Co-55



MAT 2713

MT= 76 (n,n') Level
Legendre Coefficients

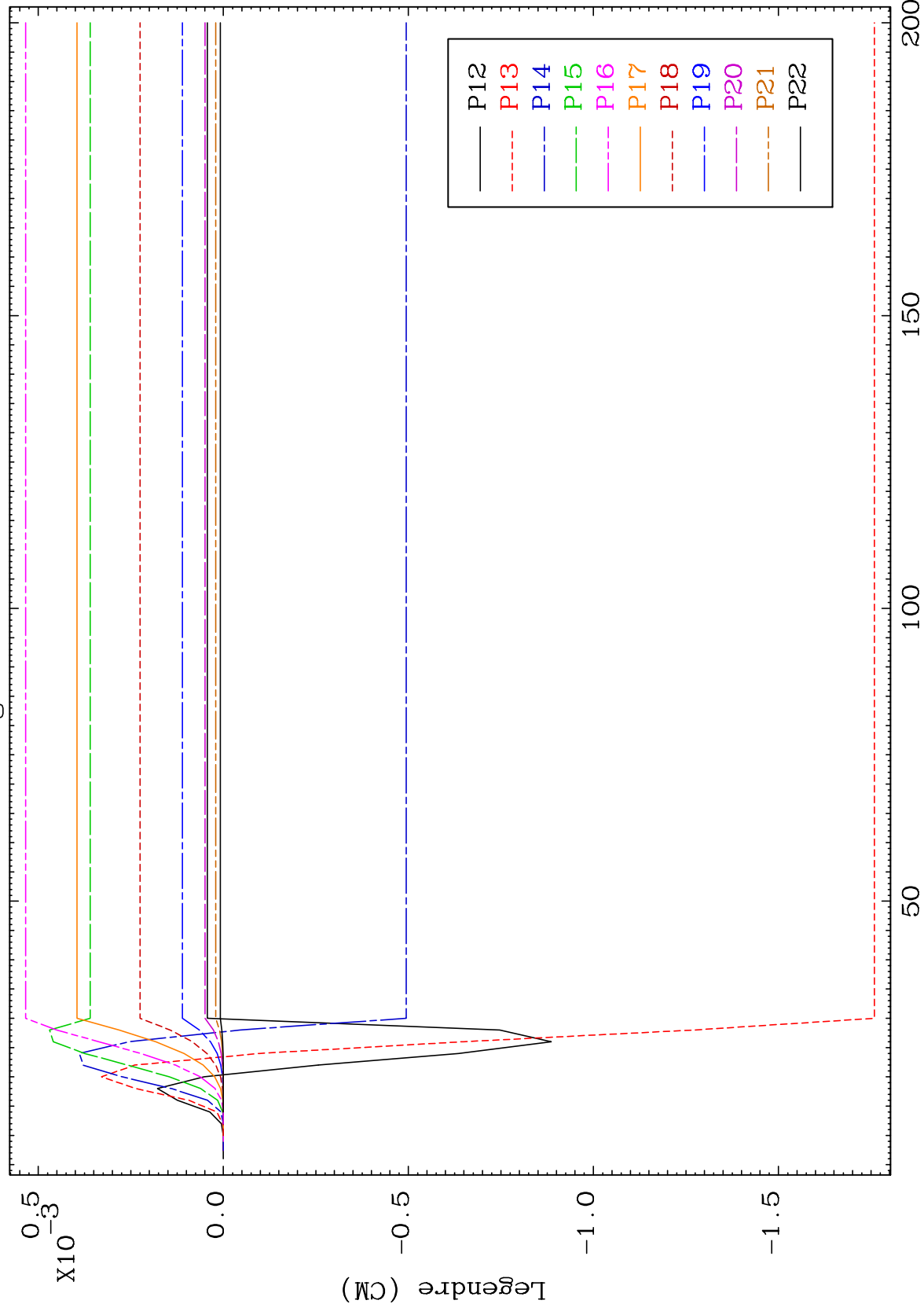
27-Co-55



MAT 2713

MT= 76 (n,n') Level
Legendre Coefficients

27-Co-55



95

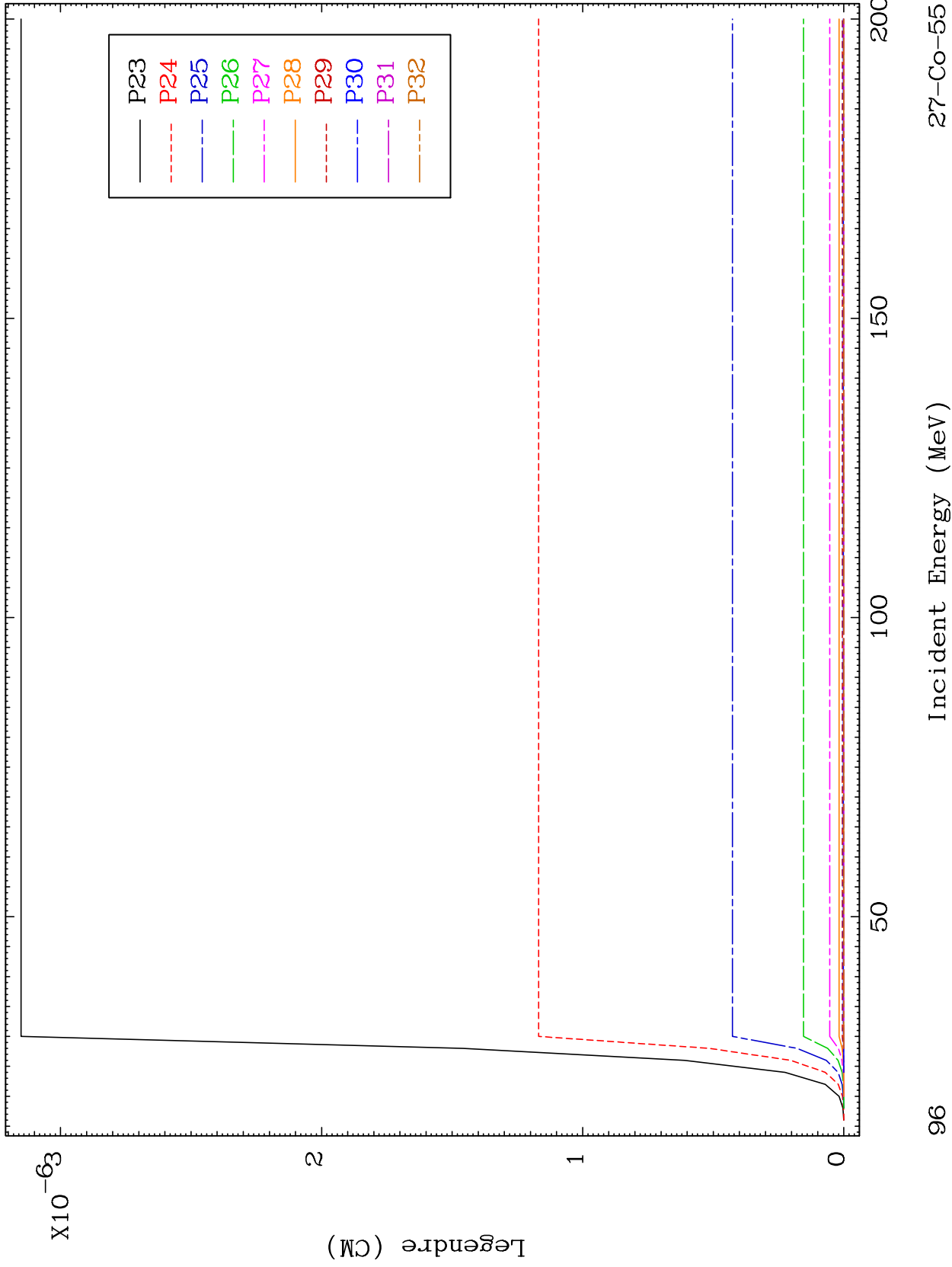
Incident Energy (MeV)

27-Co-55

MAT 2713

MT= 76 (n,n') Level
Legendre Coefficients

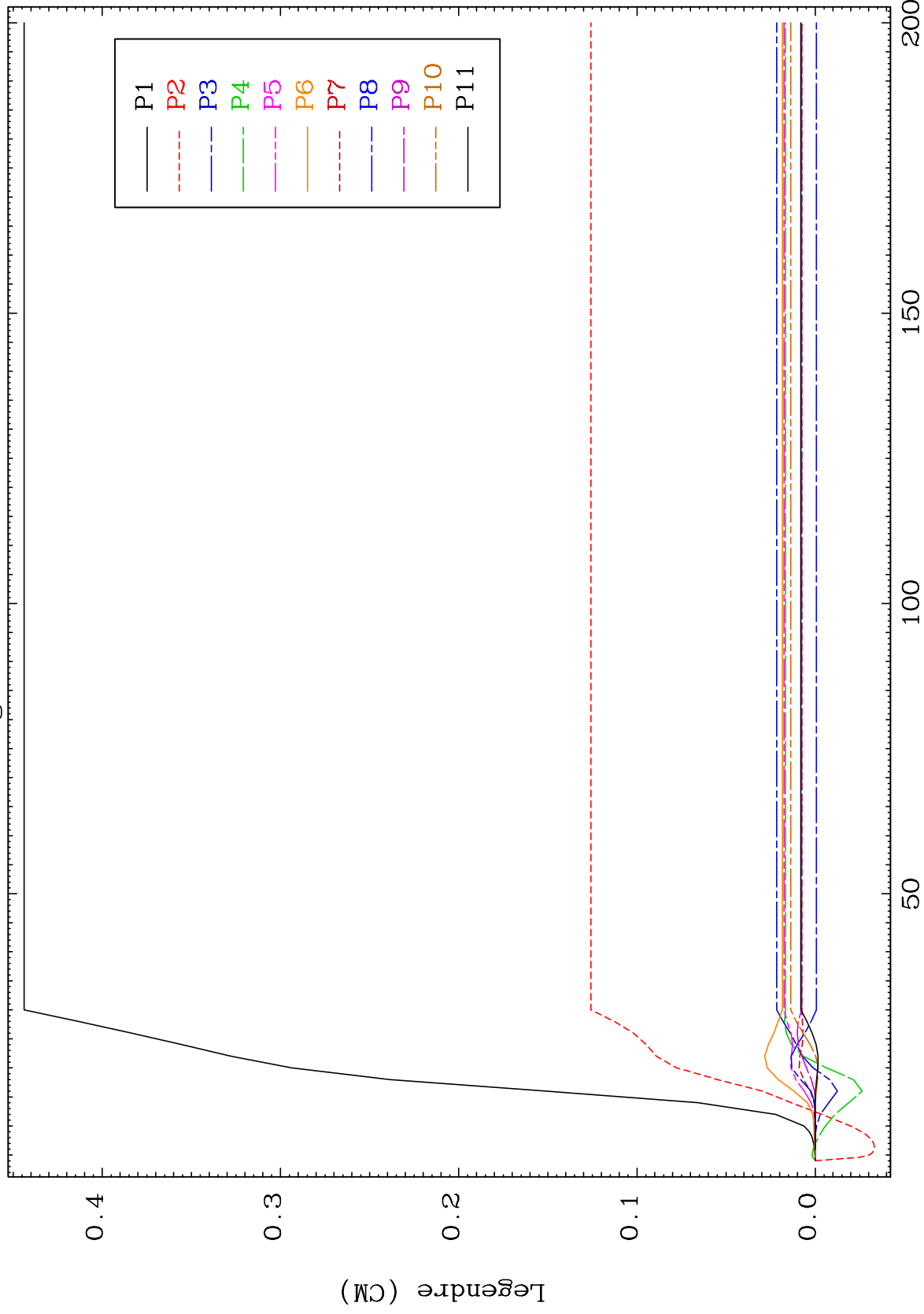
27-Co-55



MAT 2713

MT= 77 (n,n') Level
Legendre Coefficients

27-Co-55



97

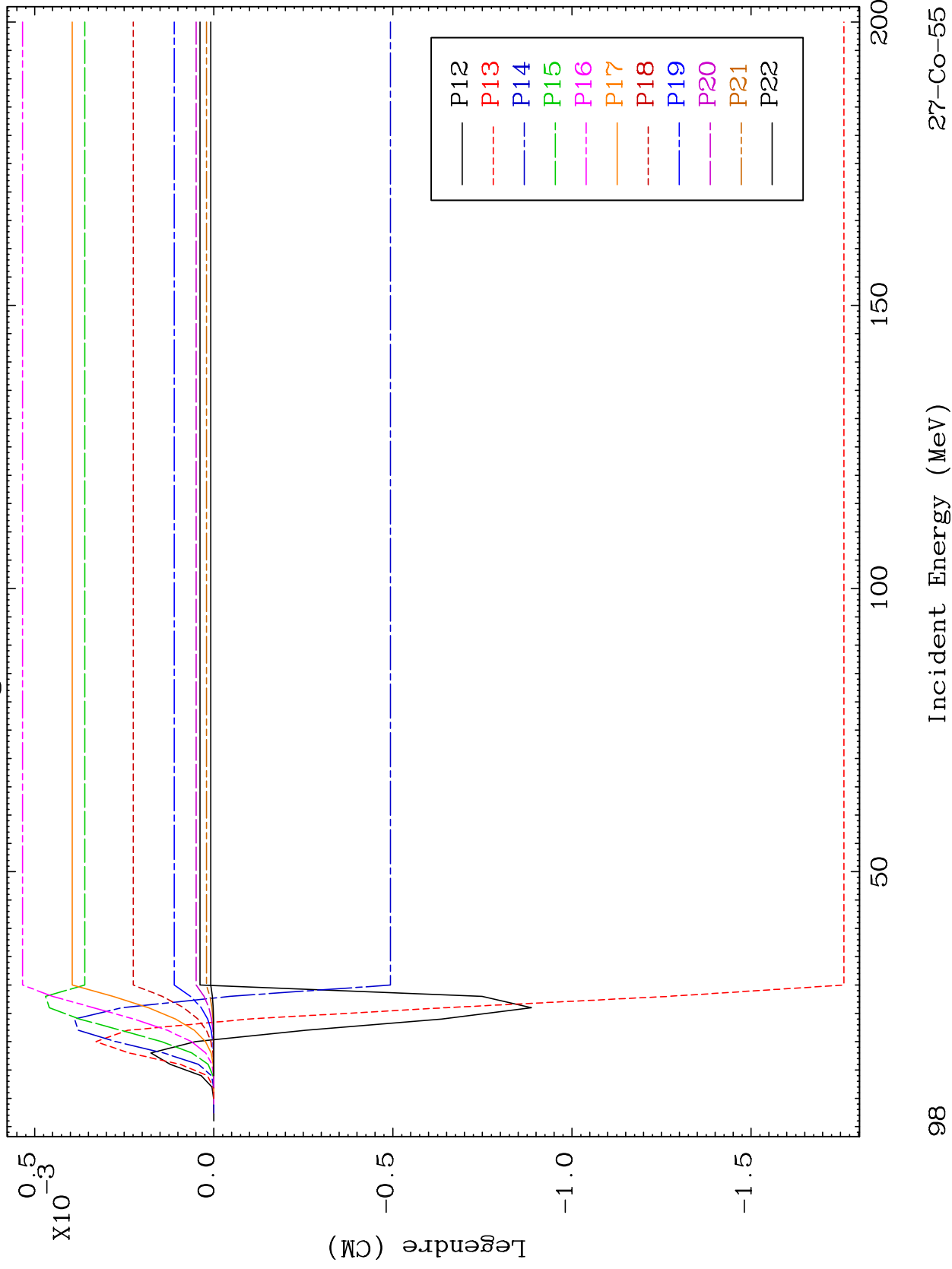
Incident Energy (MeV)

27-Co-55

MAT 2713

MT= 77 (n,n') Level
Legendre Coefficients

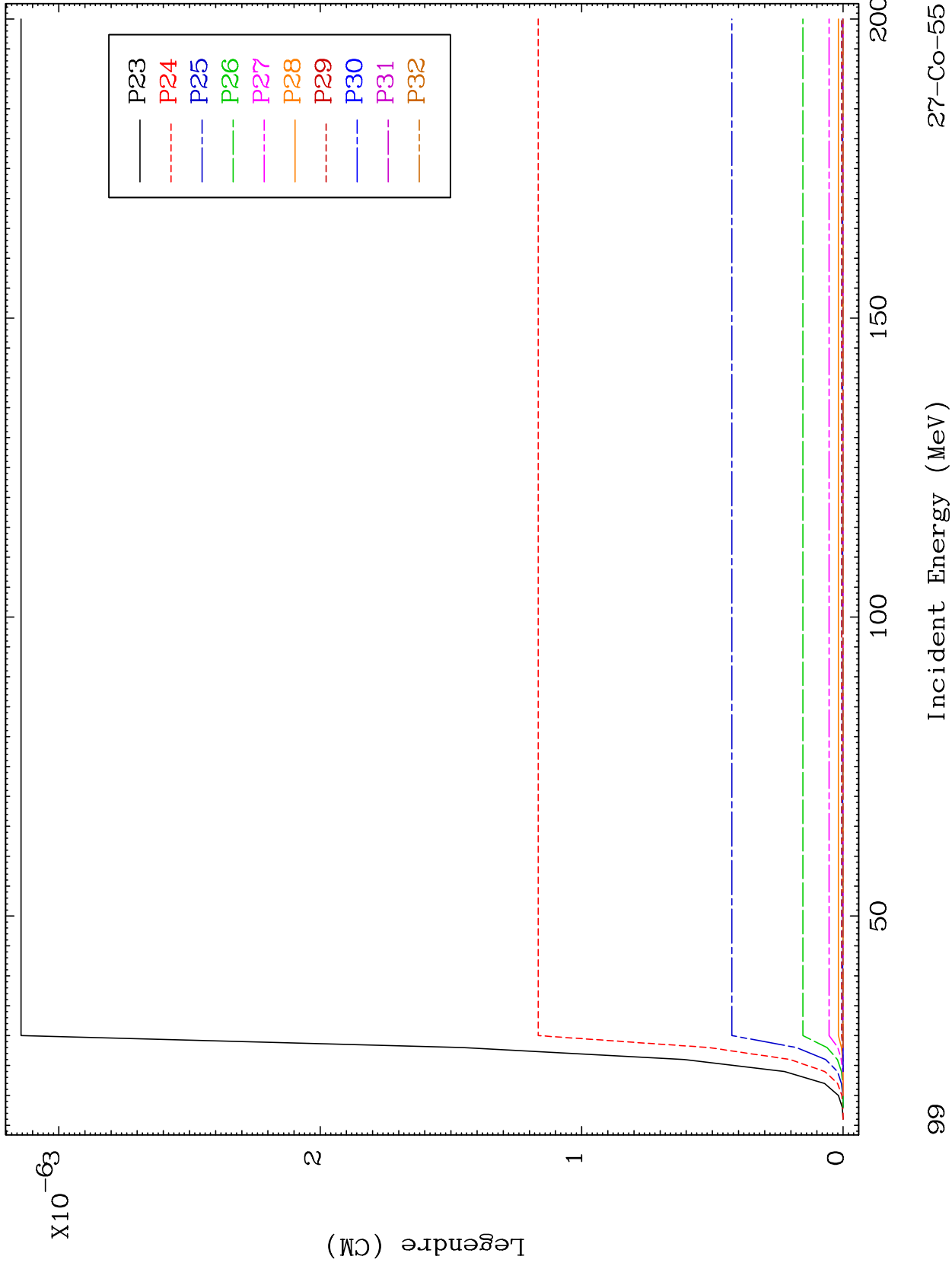
27-Co-55



MAT 2713

MT= 77 (n,n') Level
Legendre Coefficients

27-Co-55



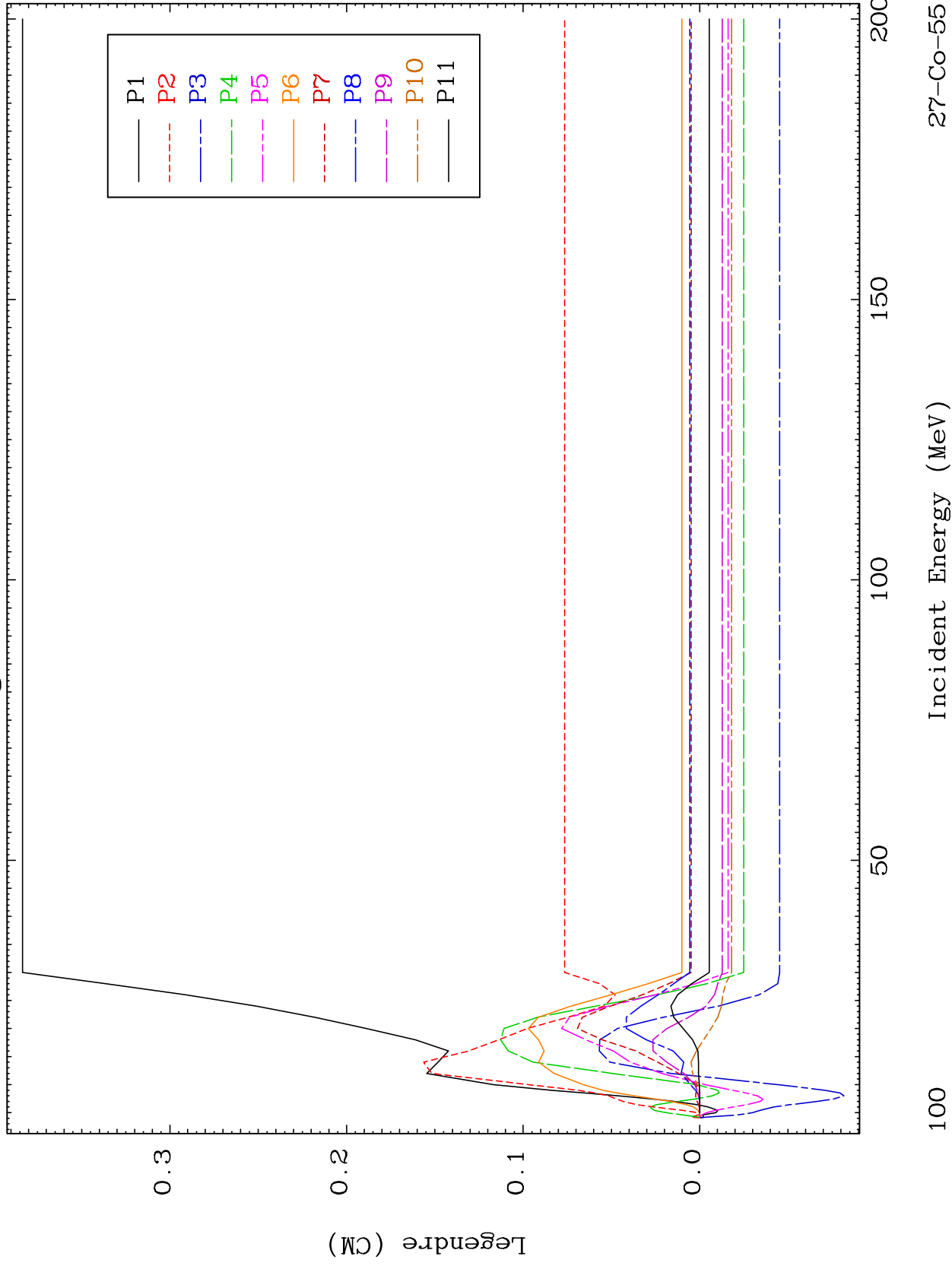
99

27-Co-55

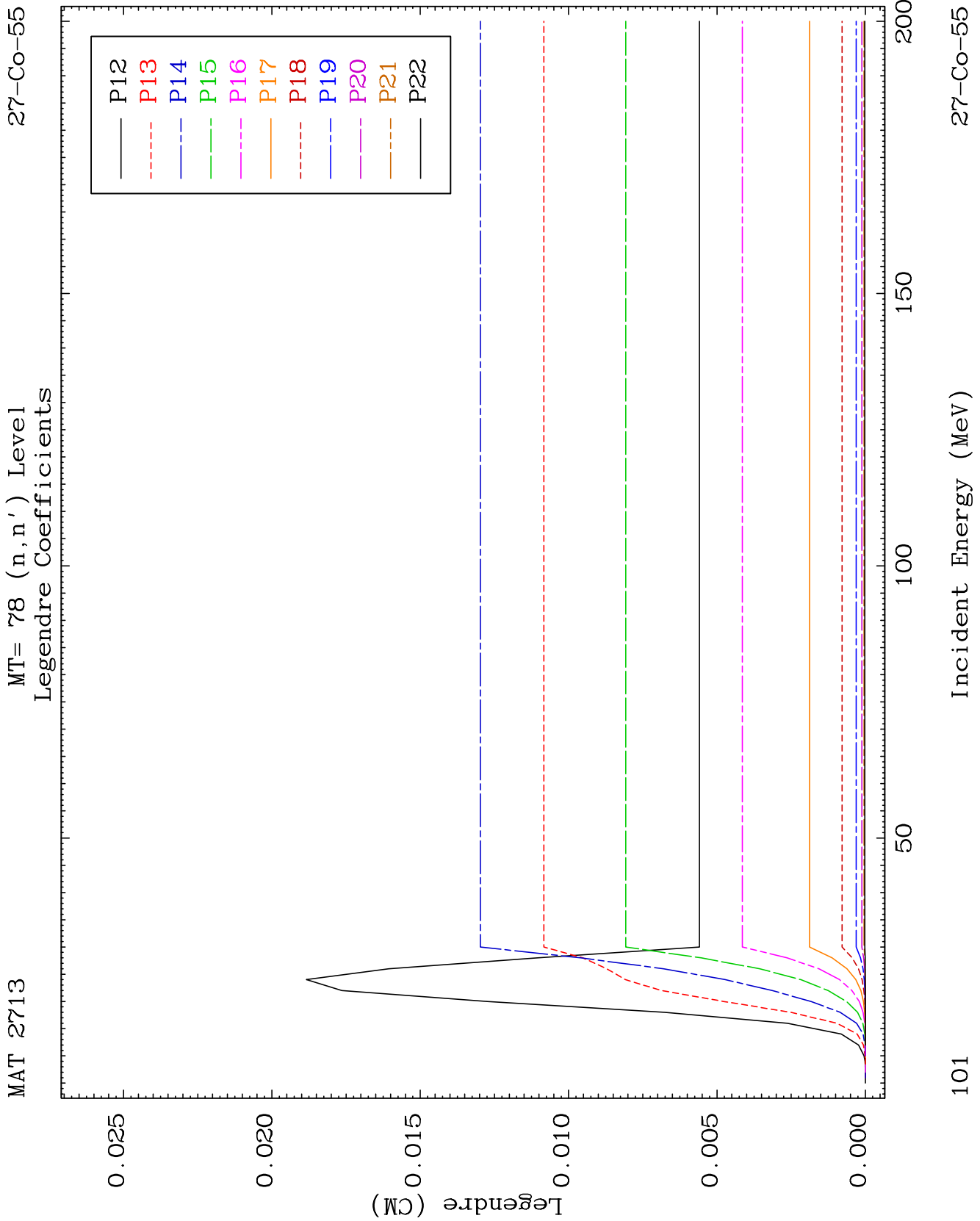
MAT 2713

MT= 78 (n,n') Level
Legendre Coefficients

27-Co-55



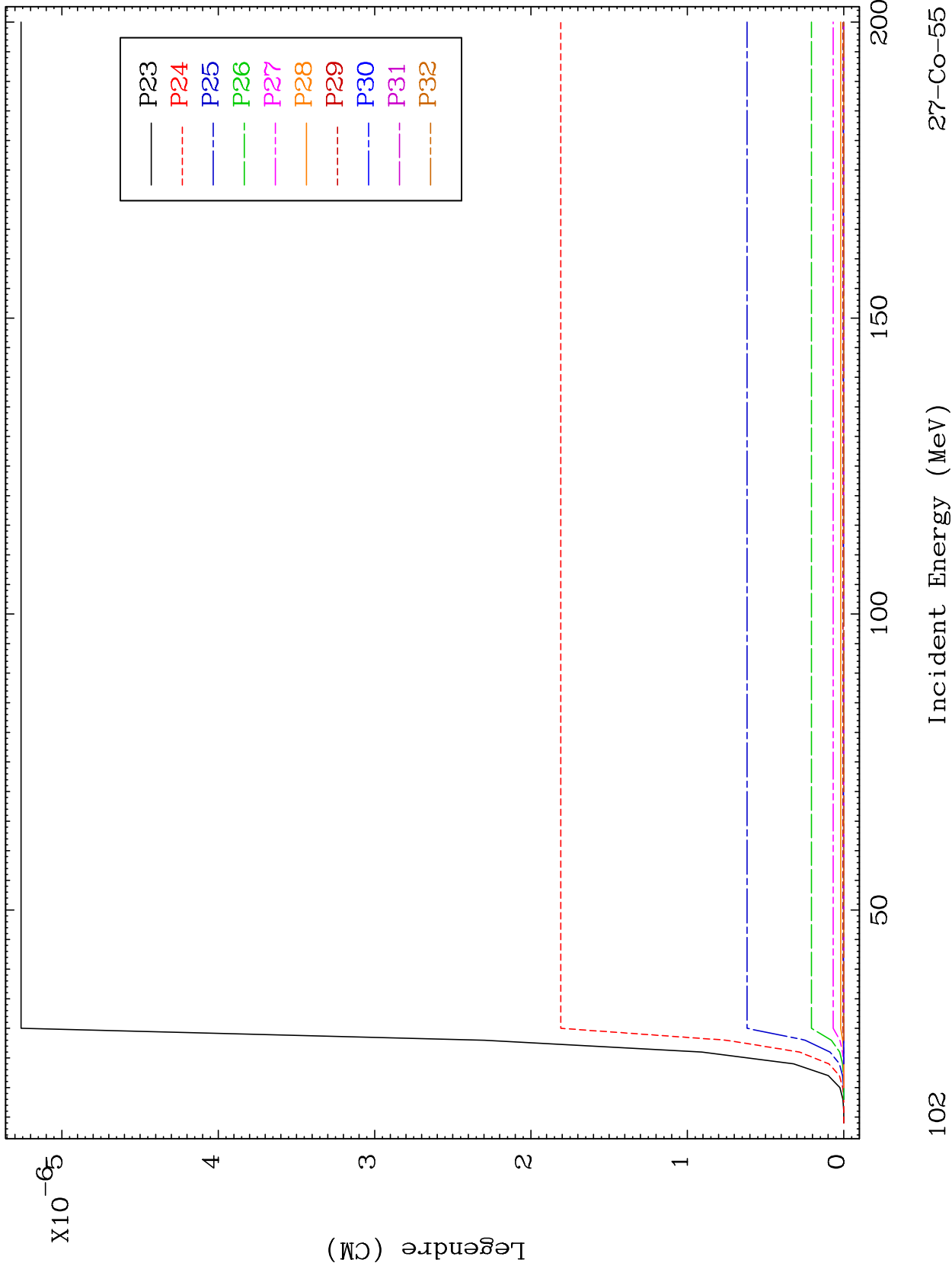
27-Co-55



MAT 2713

MT= 78 (n,n') Level
Legendre Coefficients

27-Co-55

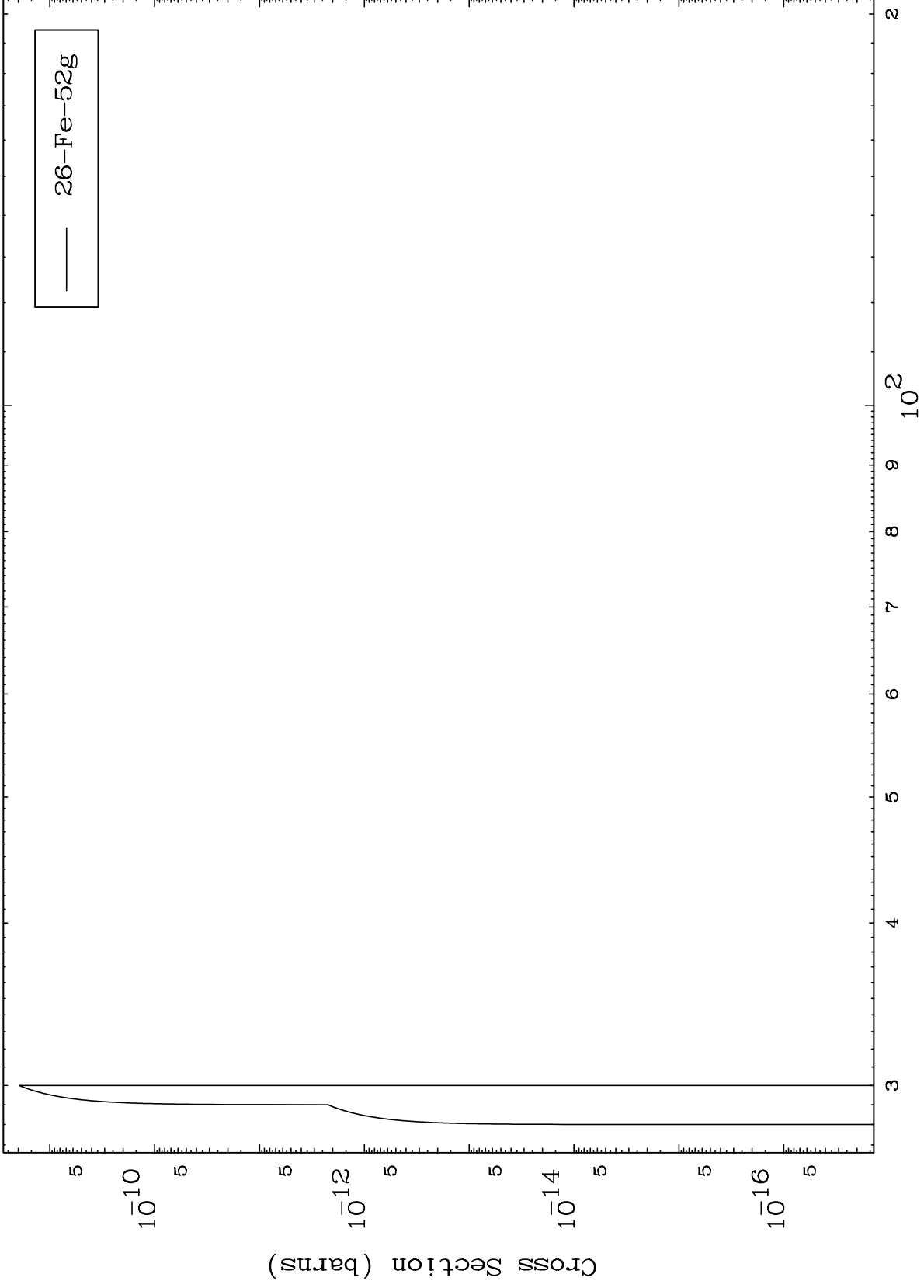


MAT 2713

(n,2n) d

27-Co-55

Radionuclide Production Cross Section



103

Incident Energy (MeV)

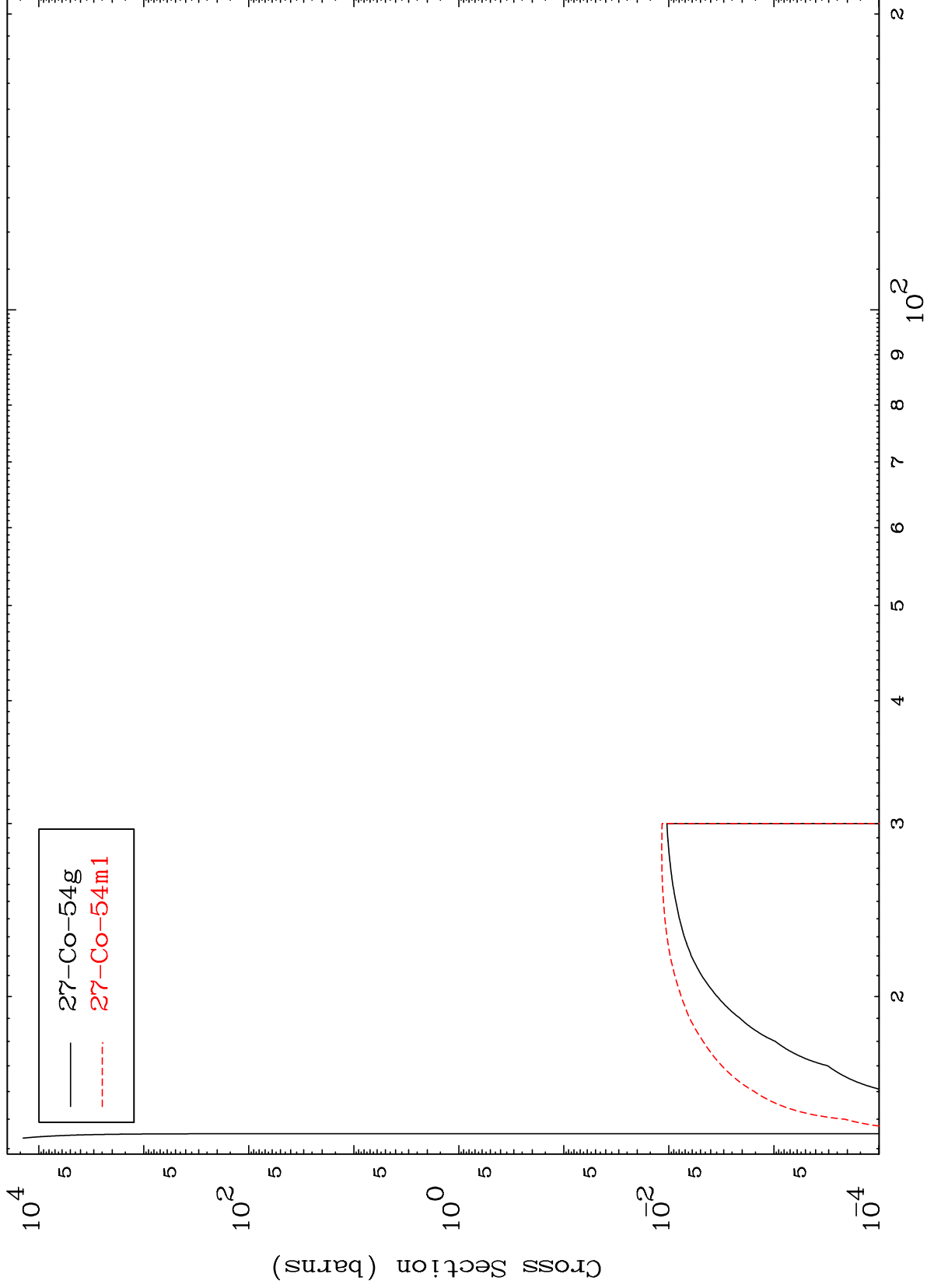
27-Co-55

MAT 2713

(n,2n)

²⁷Co-55

Radionuclide Production Cross Section



104

Incident Energy (MeV)

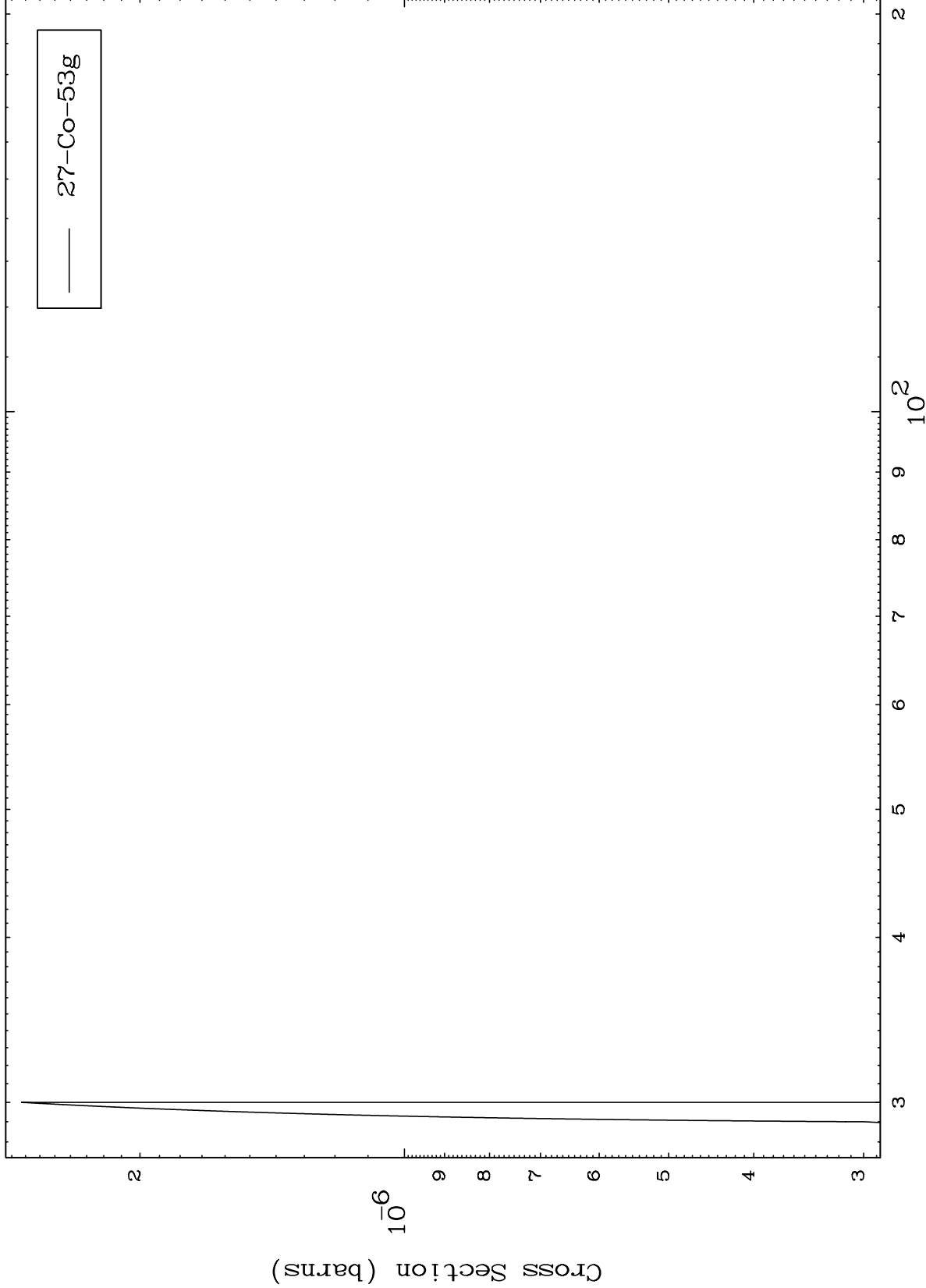
²⁷Co-55

MAT 2713

(n,3n)

27-Co-55

Radionuclide Production Cross Section



105

Incident Energy (MeV)

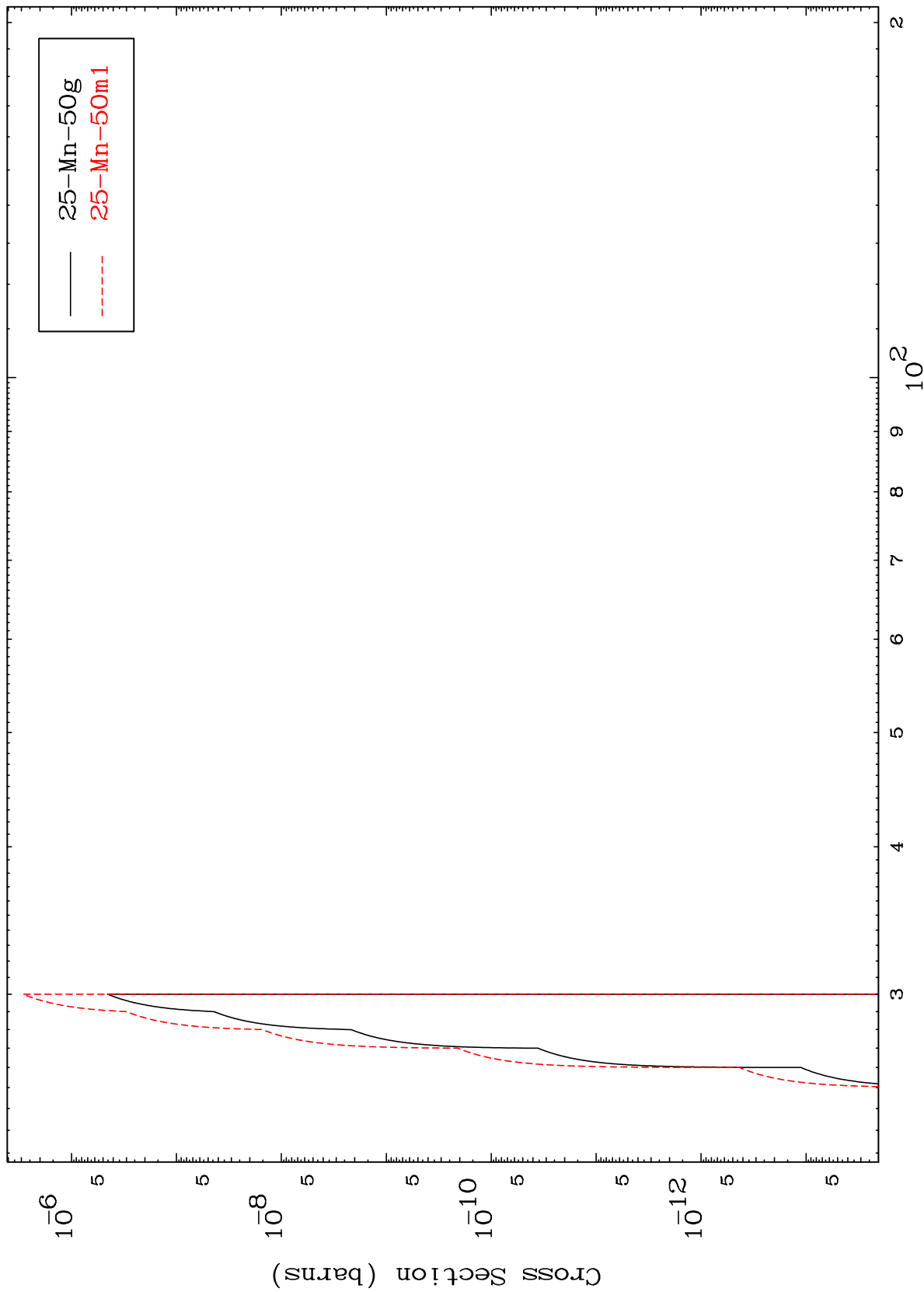
27-Co-55

MAT 2713

(n,2n) α

27-Co-55

Radionuclide Production Cross Section

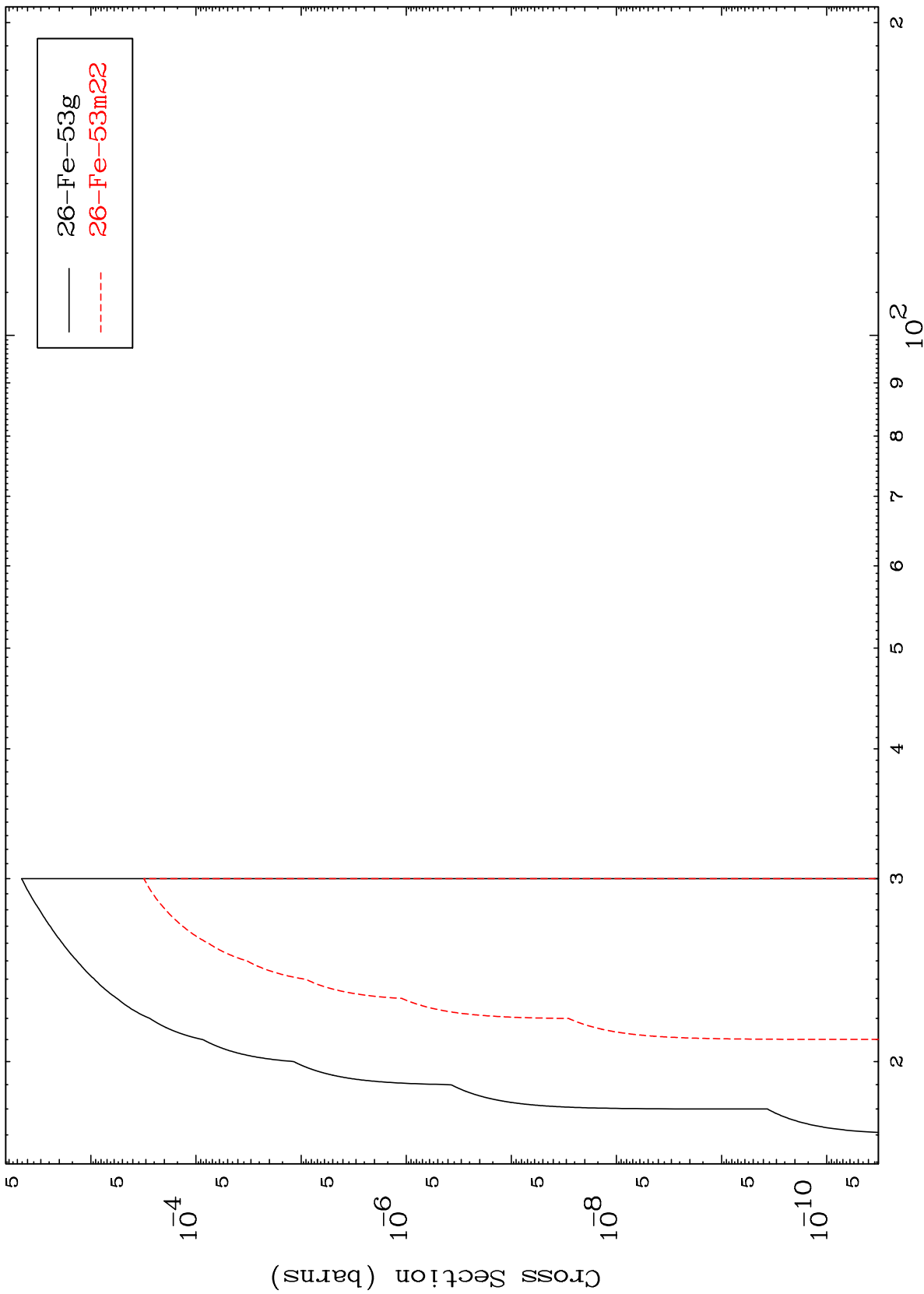


106

Incident Energy (MeV)

27-Co-55

Radionuclide Production Cross Section

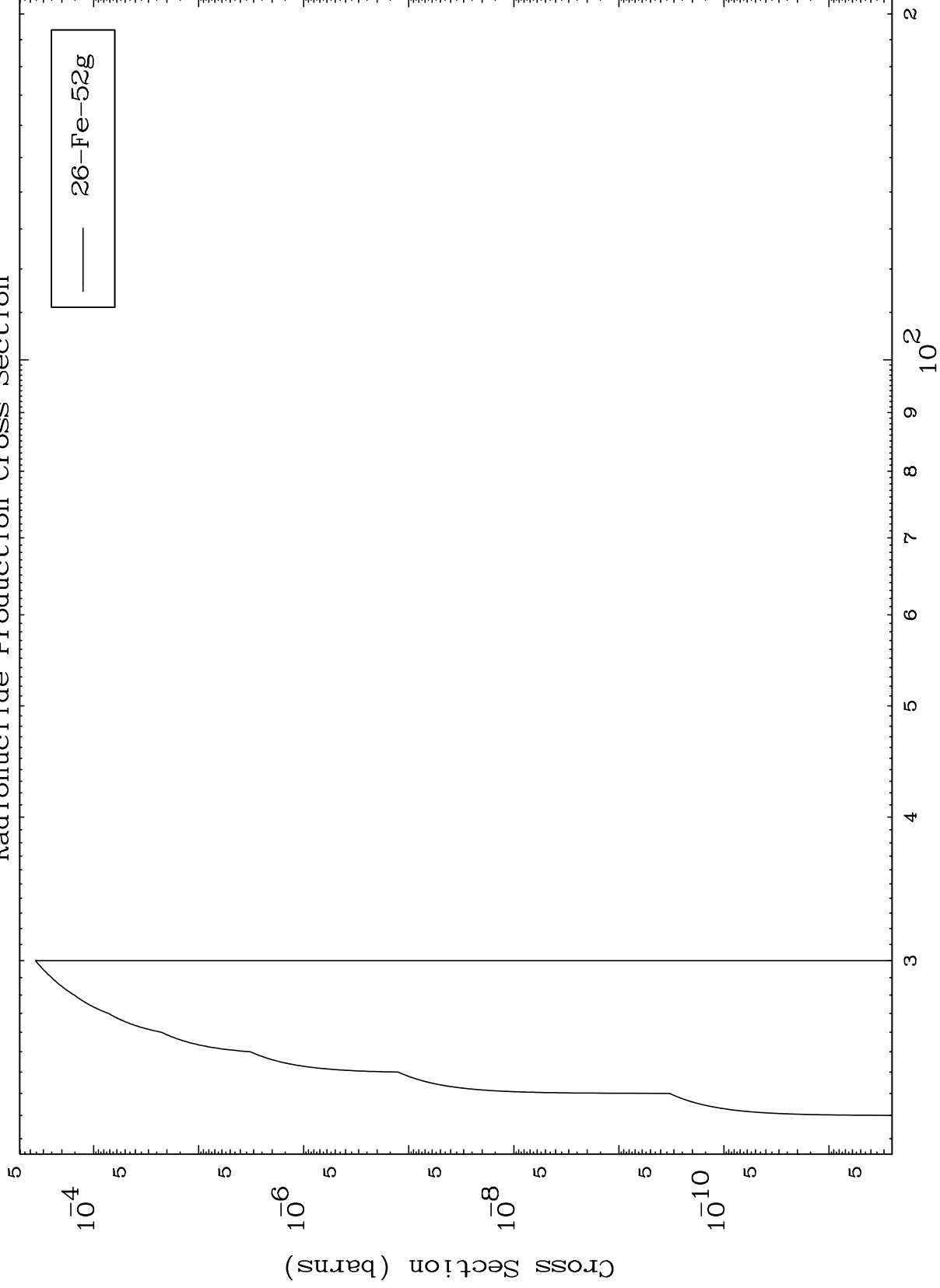


MAT 2713

(n,n') t

27-Co-55

Radionuclide Production Cross Section



108

Incident Energy (MeV)

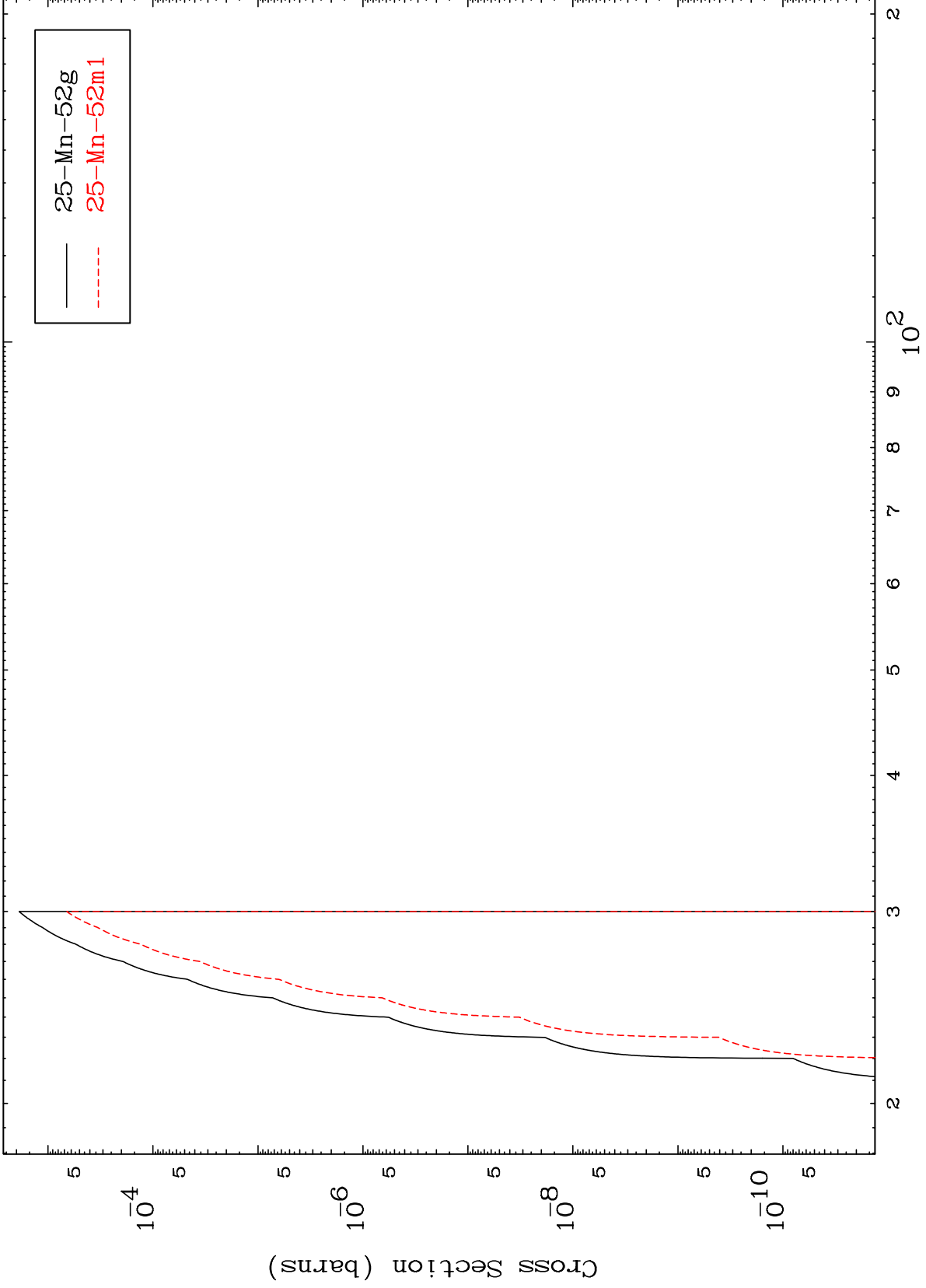
27-Co-55

MAT 2713

(n,n') He-3

27-Co-55

Radionuclide Production Cross Section



109

Incident Energy (MeV)

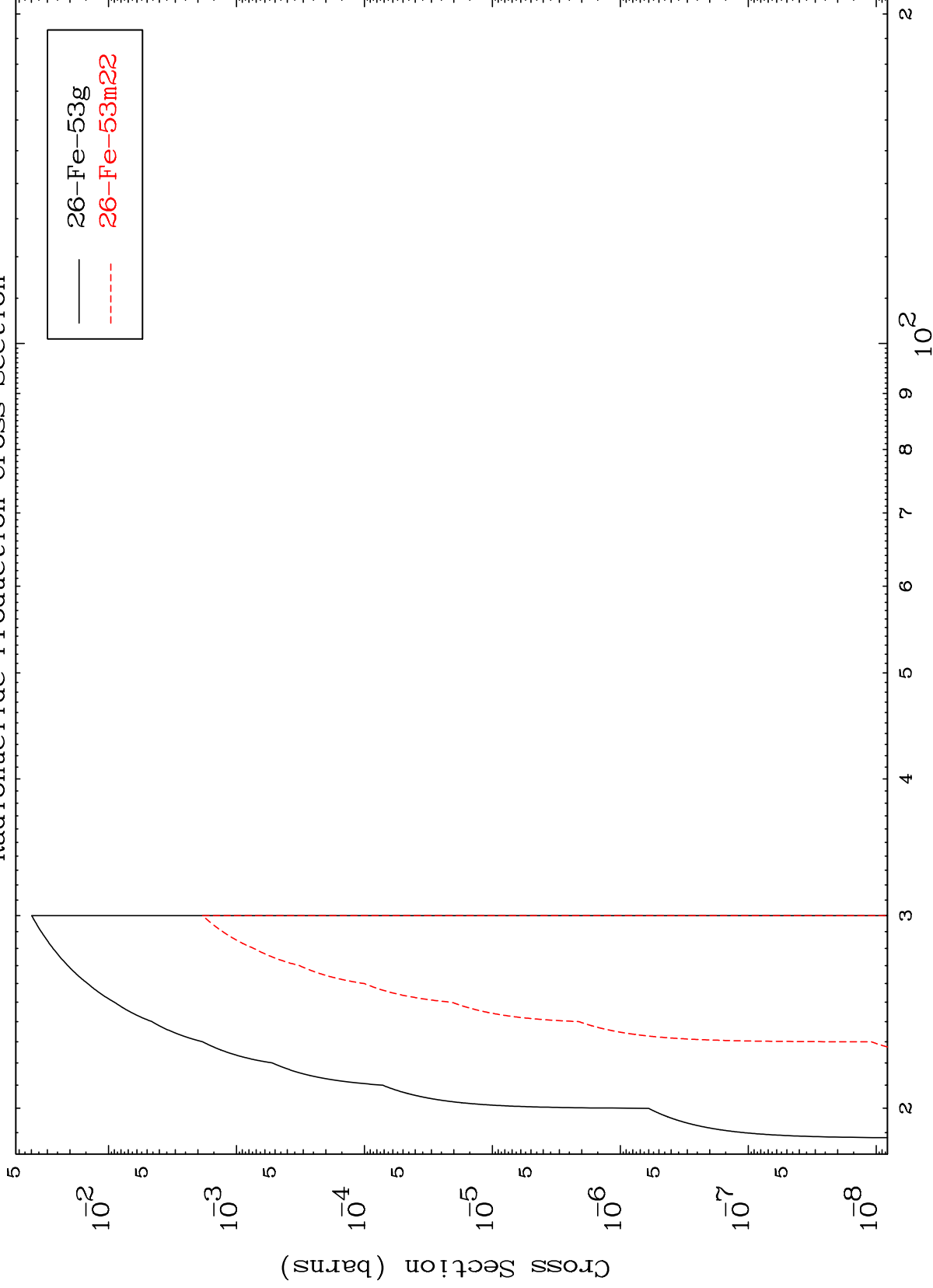
27-Co-55

MAT 2713

(n,2n) p

27-Co-55

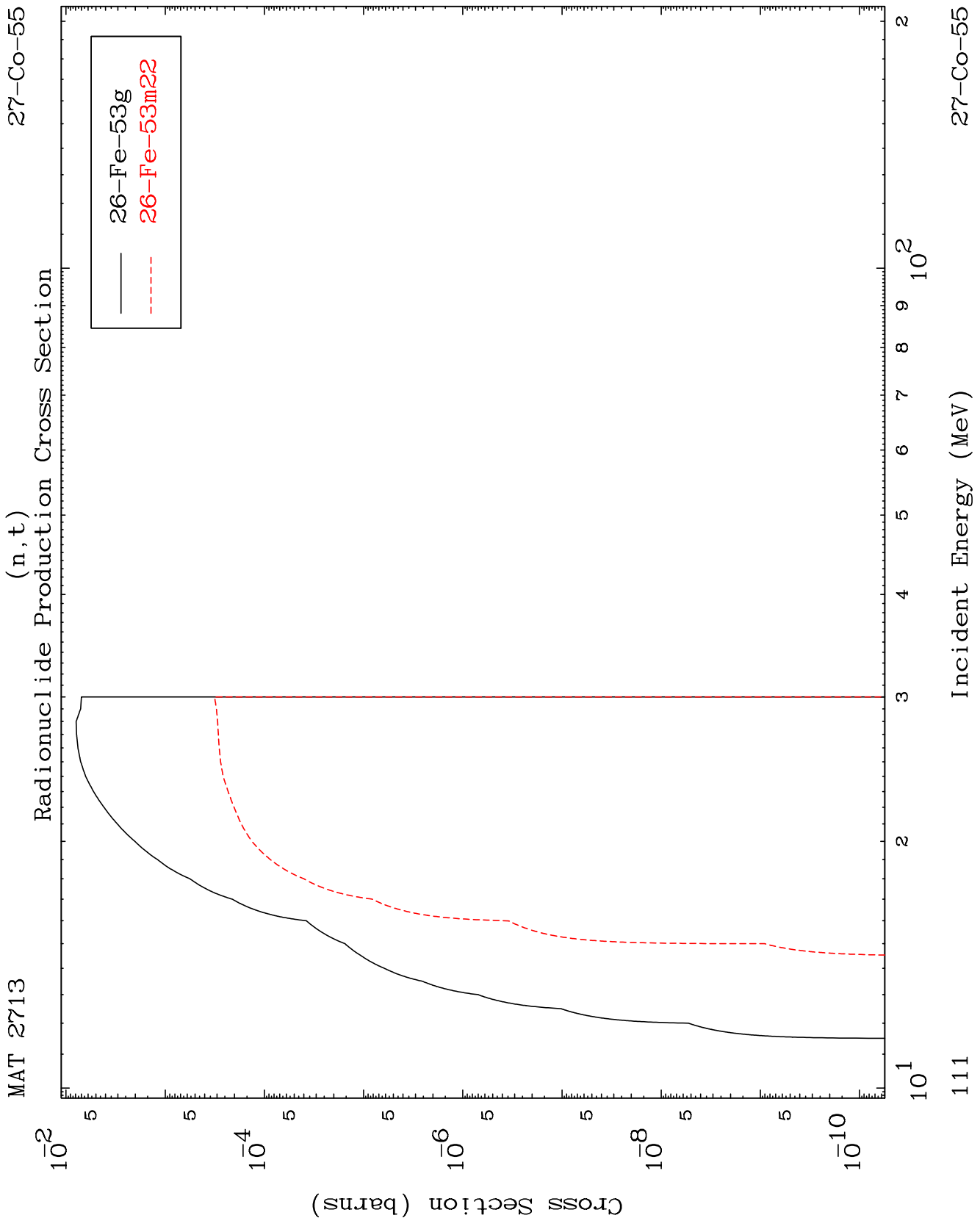
Radionuclide Production Cross Section



110

Incident Energy (MeV)

27-Co-55

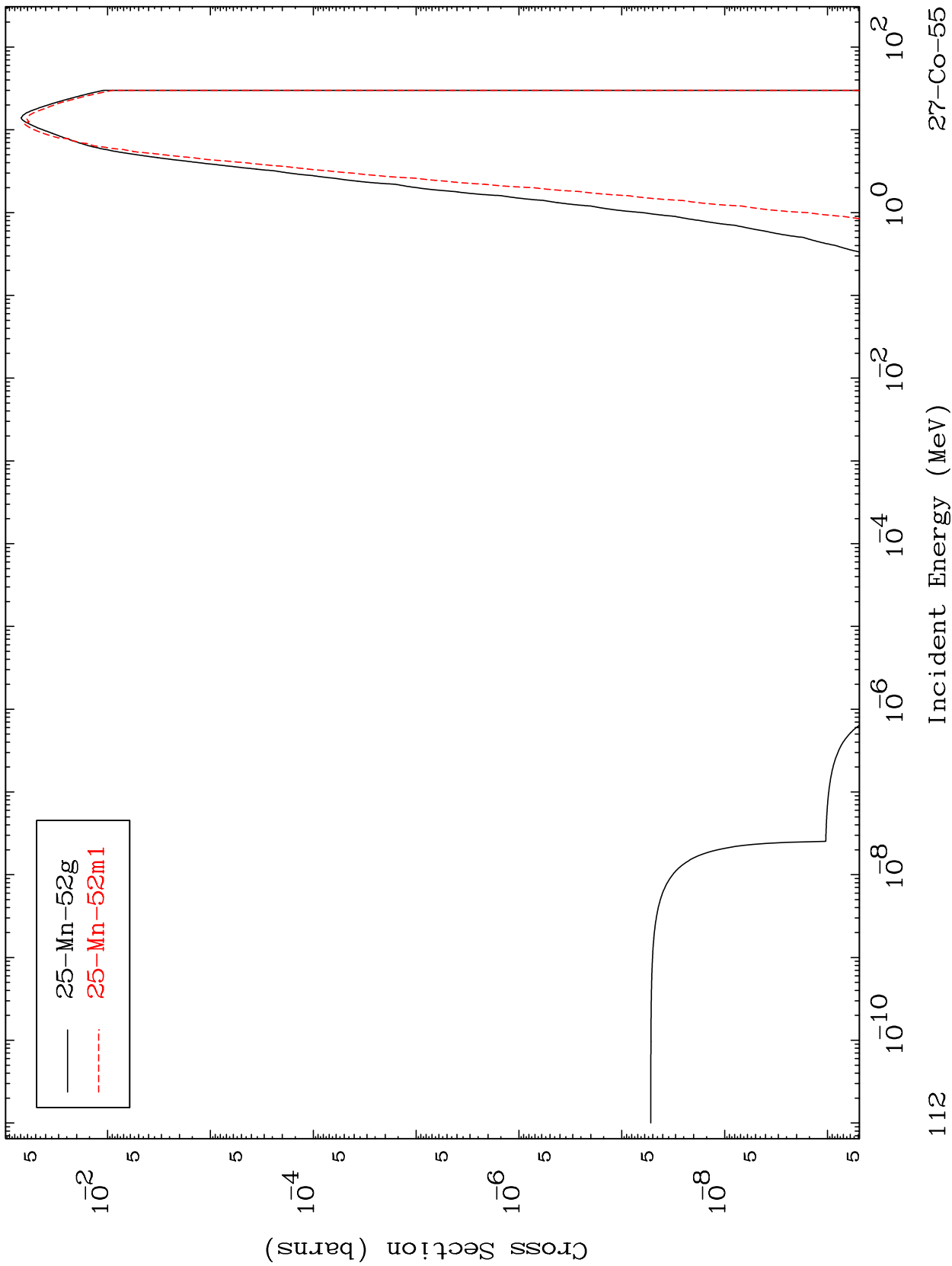


MAT 2713

(n, α)

27-Co-55

Radionuclide Production Cross Section



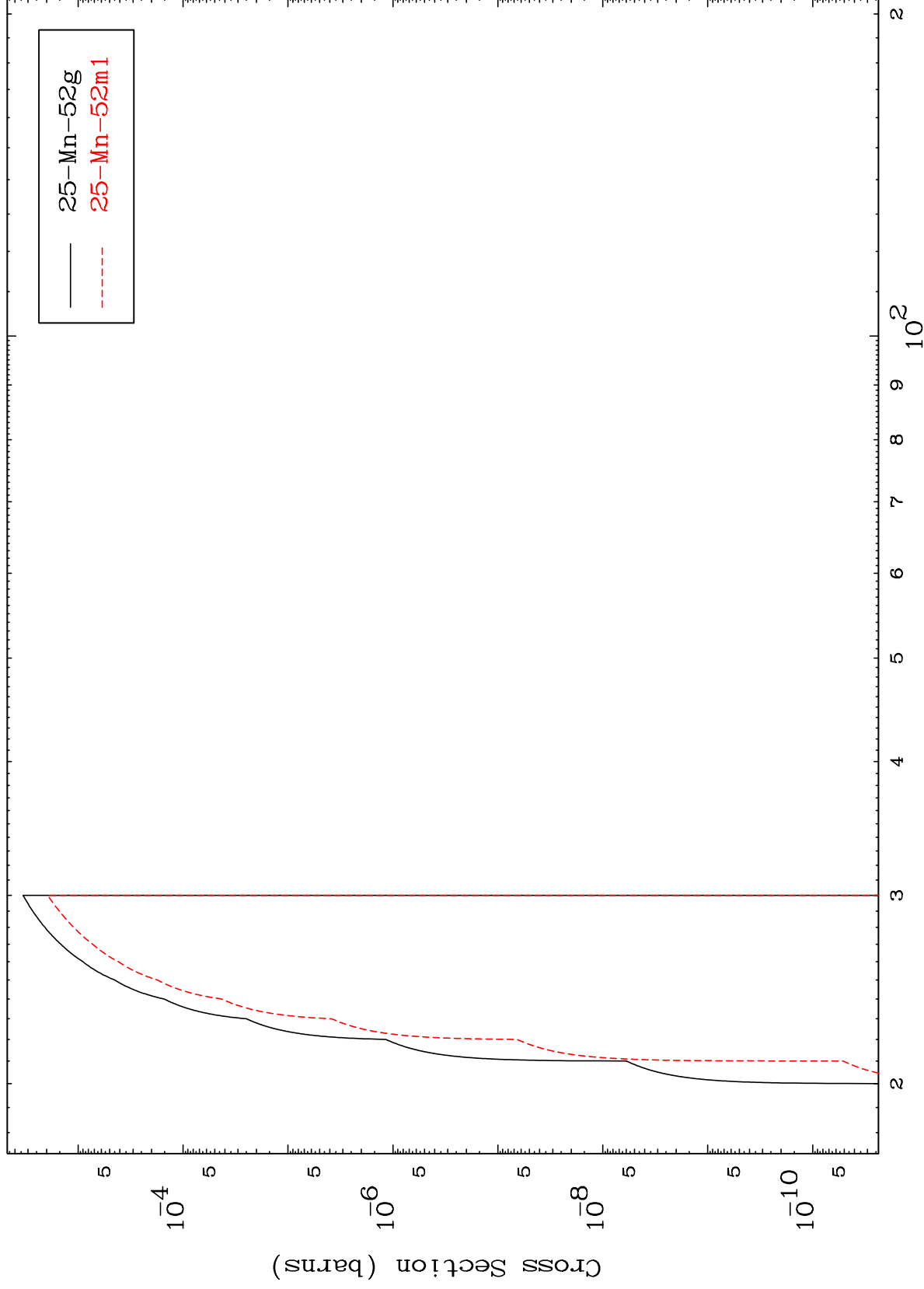
— 25-Mn-52g
- - - 25-Mn-52m1

MAT 2713

(n,p) t

27-Co-55

Radionuclide Production Cross Section



113

Incident Energy (MeV)

27-Co-55