

Program EVALPLOT
(Version 2017-1)

by

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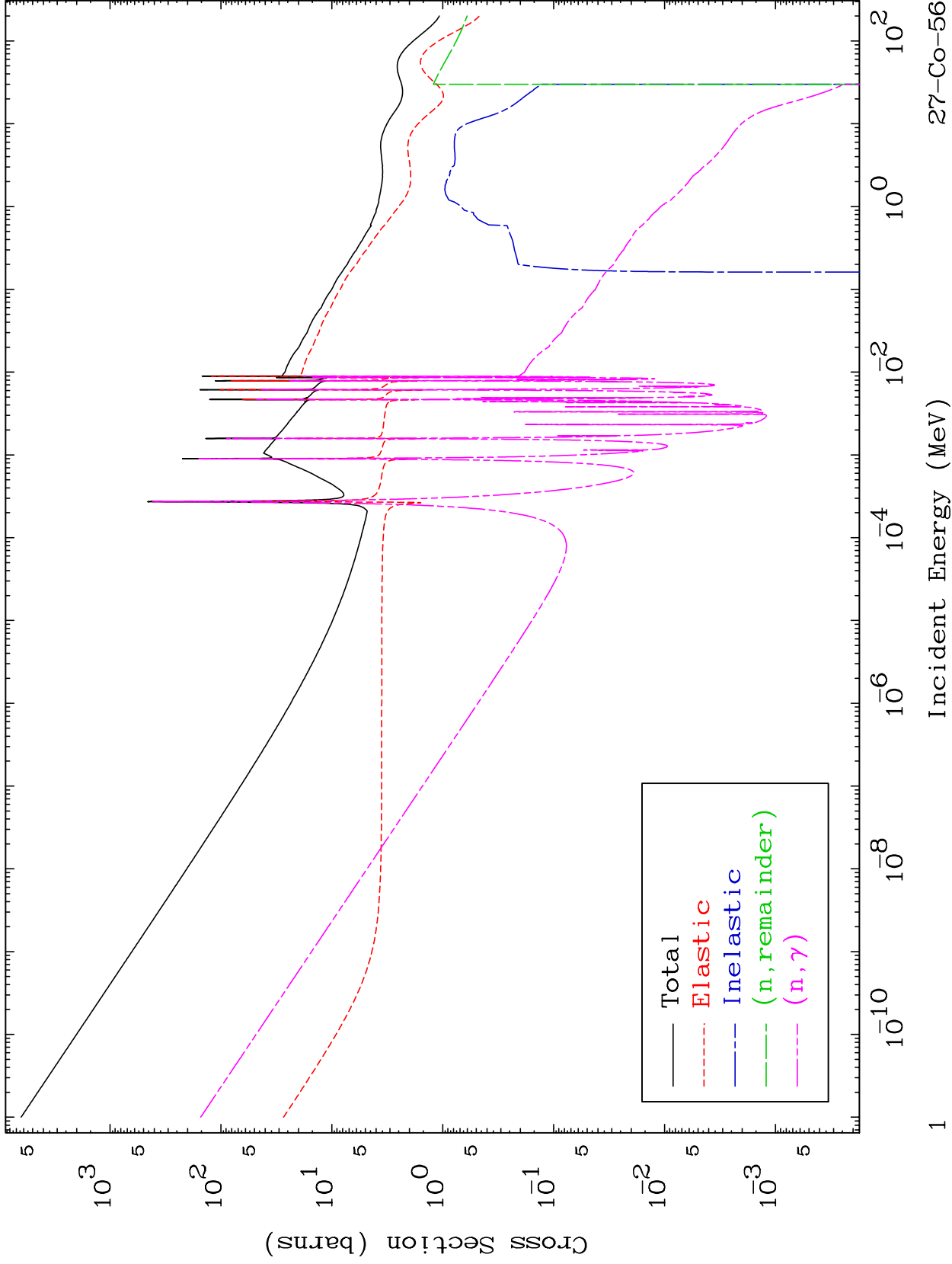
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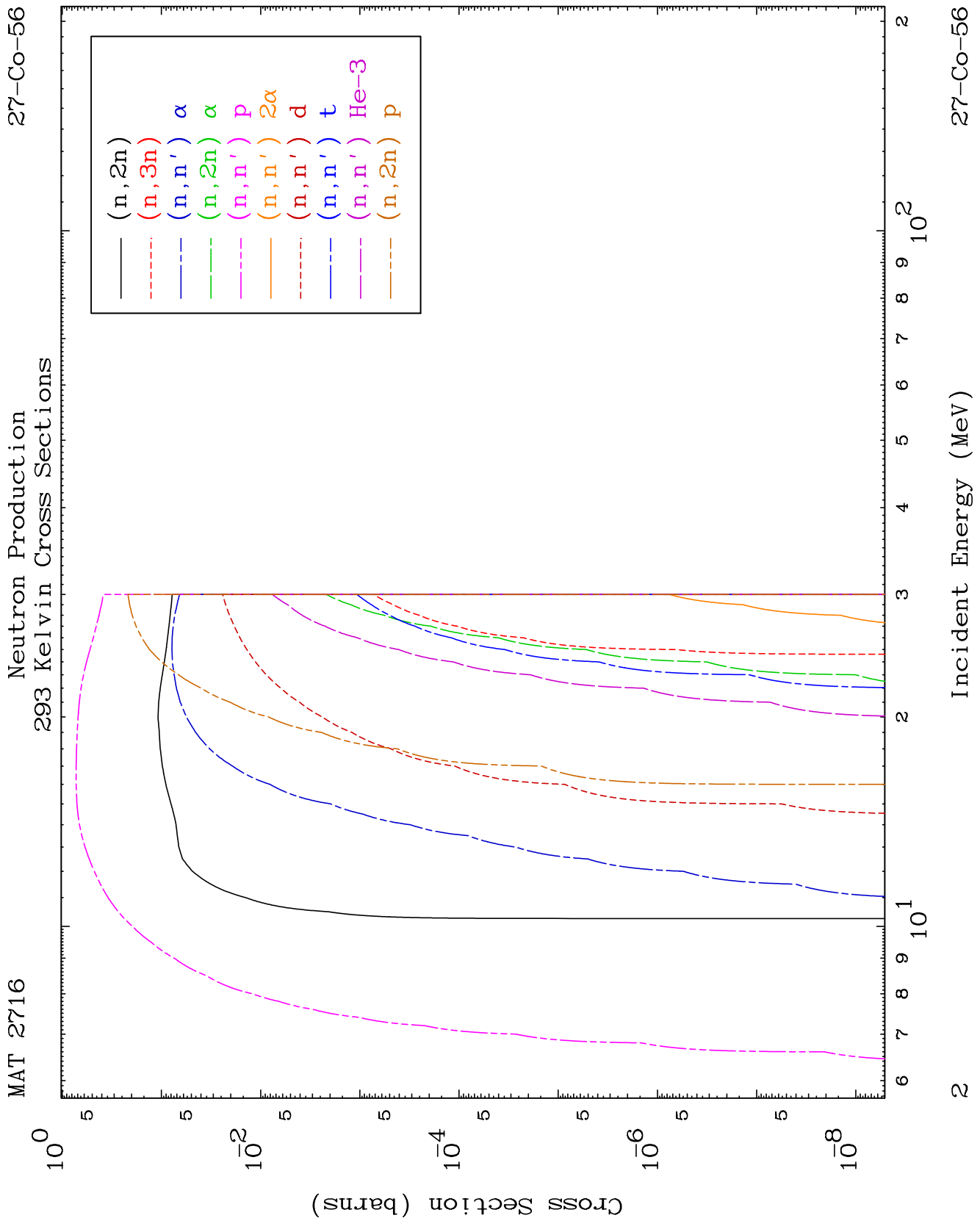
Press Mouse Button to Start

MAT 2716

Major
293 Kelvin Cross Sections

27-Co-56

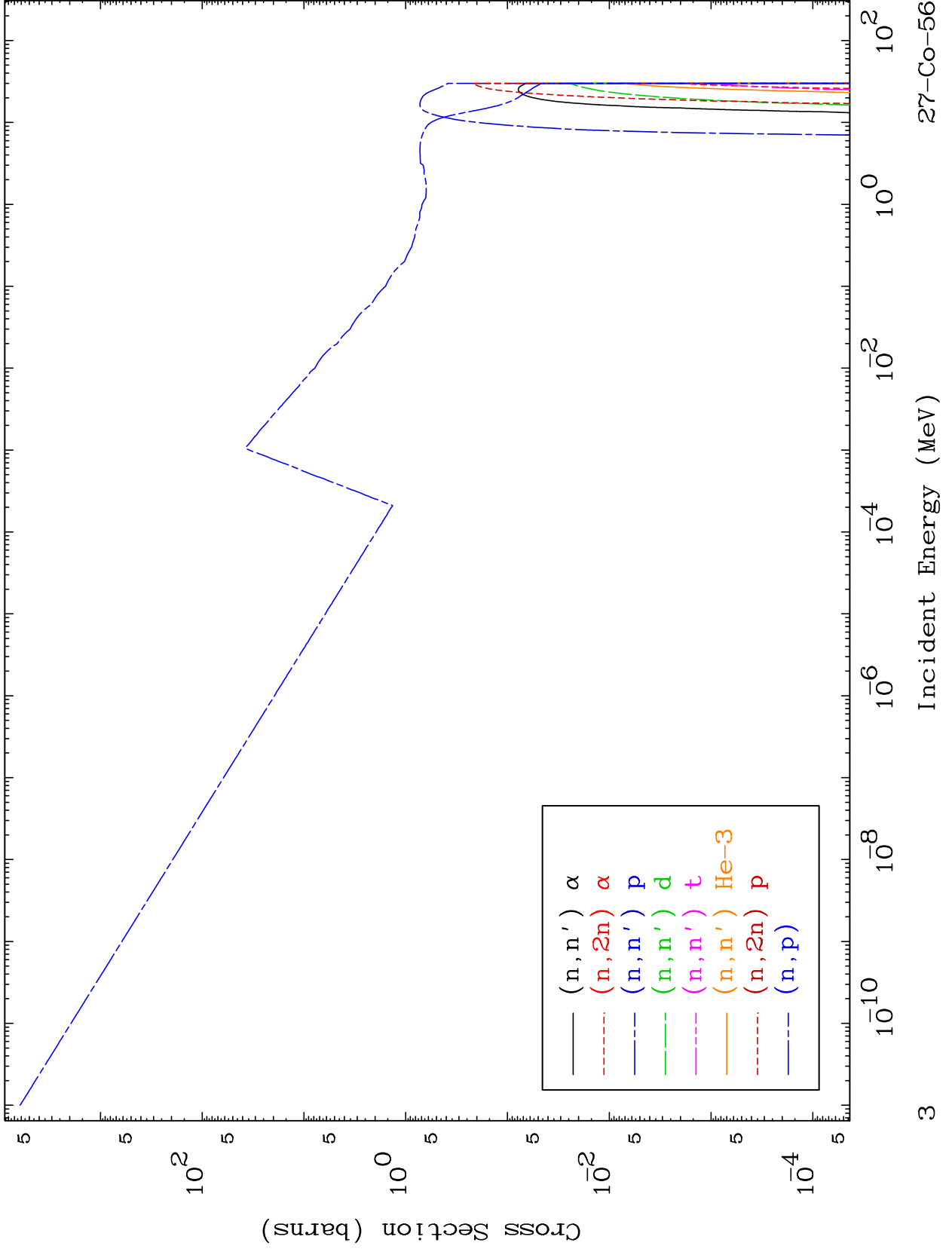




MAT 2716

Charged Particle
293 Kelvin Cross Sections

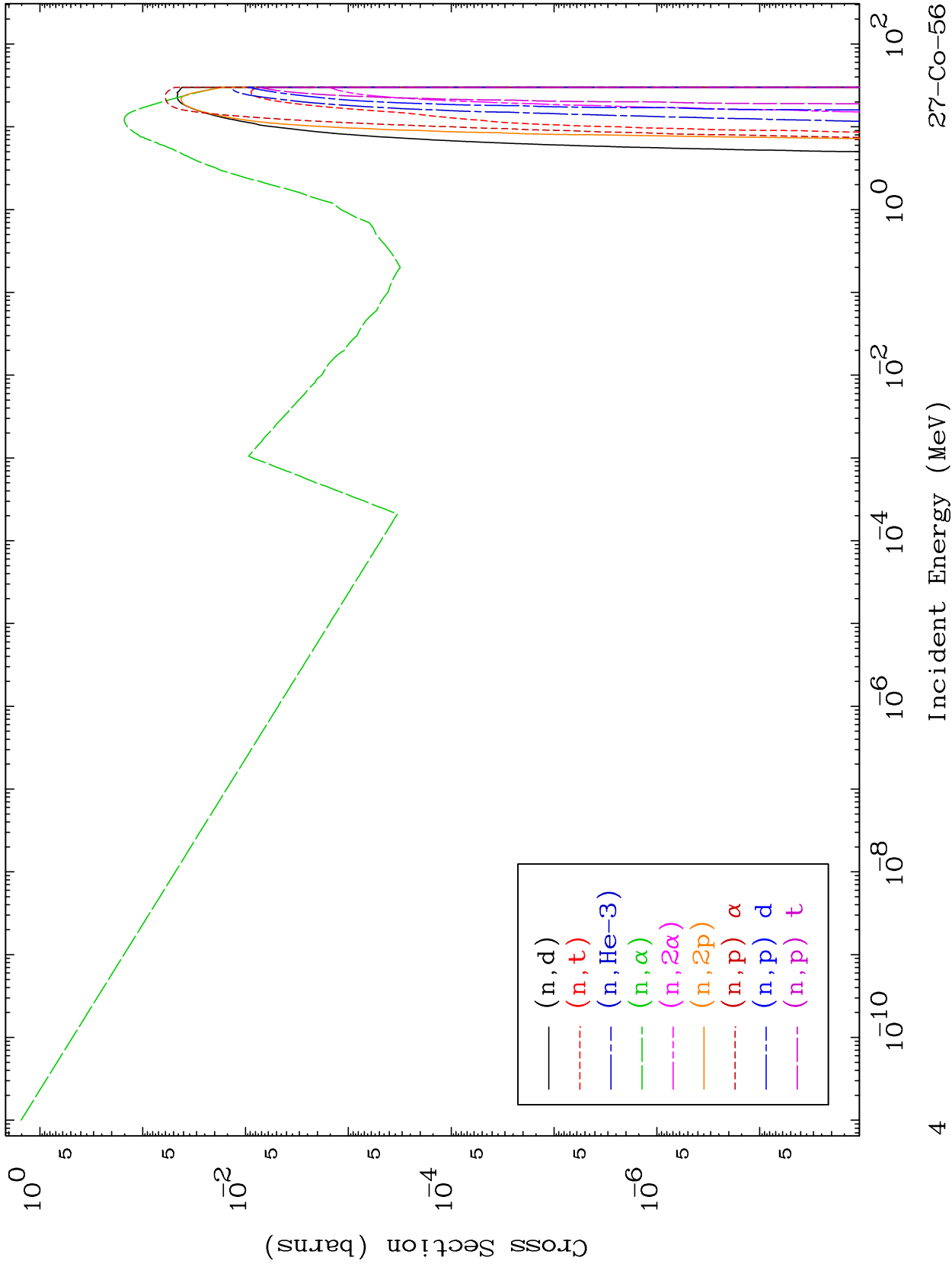
27-Co-56



MAT 2716

Charged Particle
293 Kelvin Cross Sections

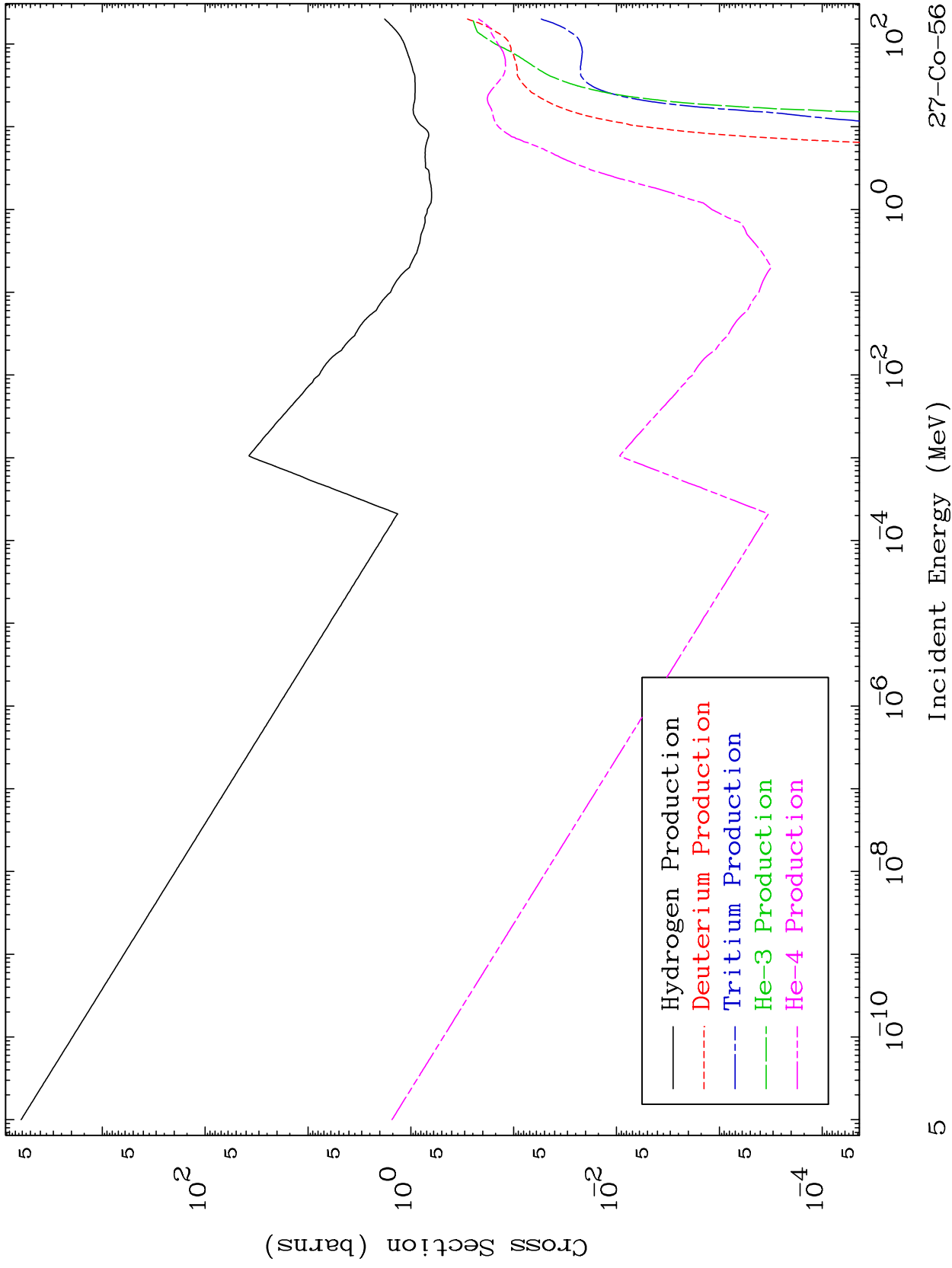
27-Co-56



MAT 2716

Particle Production
293 Kelvin Cross Sections

27-Co-56

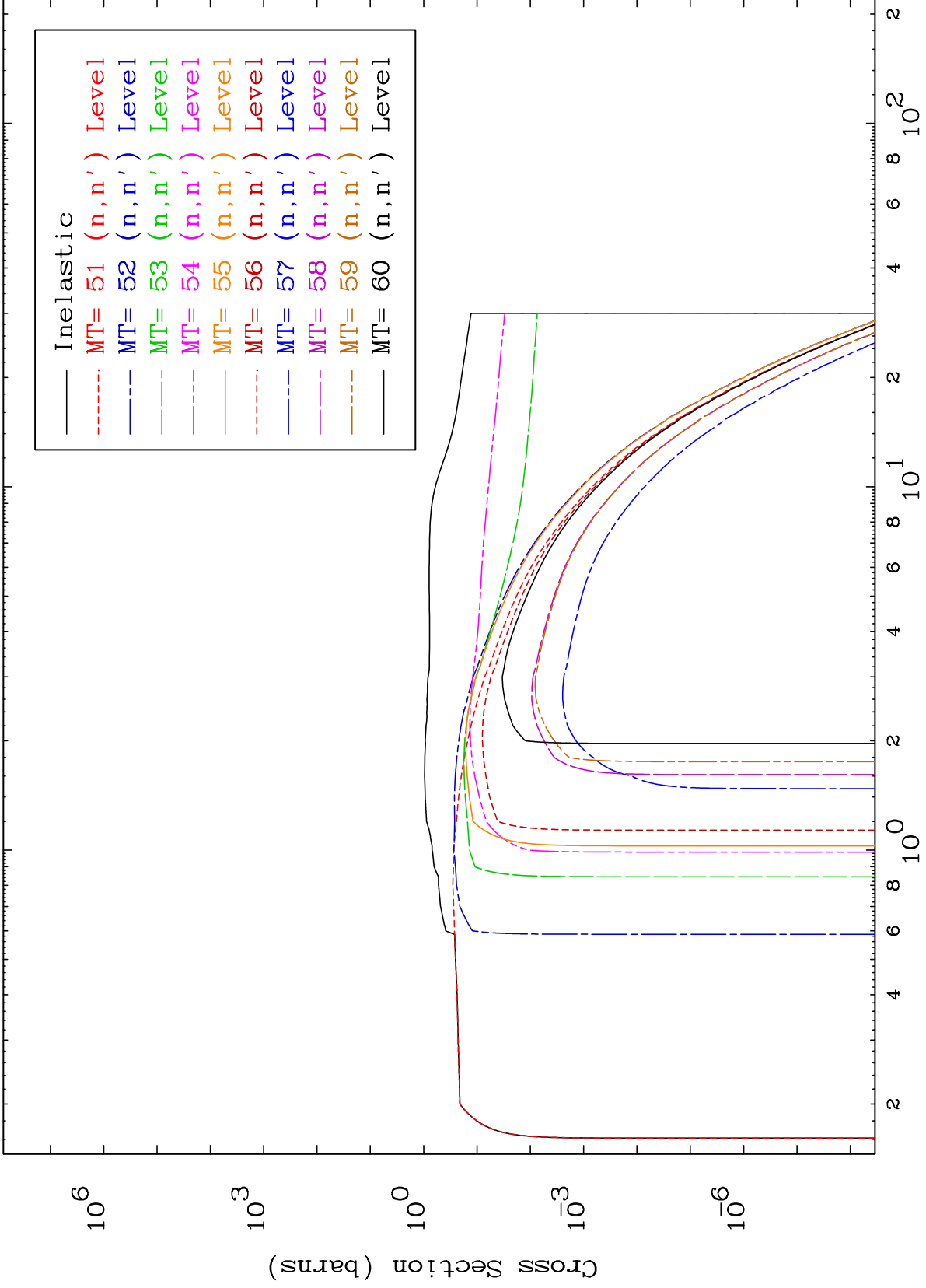


MAT 2716

(n,n') Level

27-Co-56

293 Kelvin Cross Sections



6

Incident Energy (MeV)

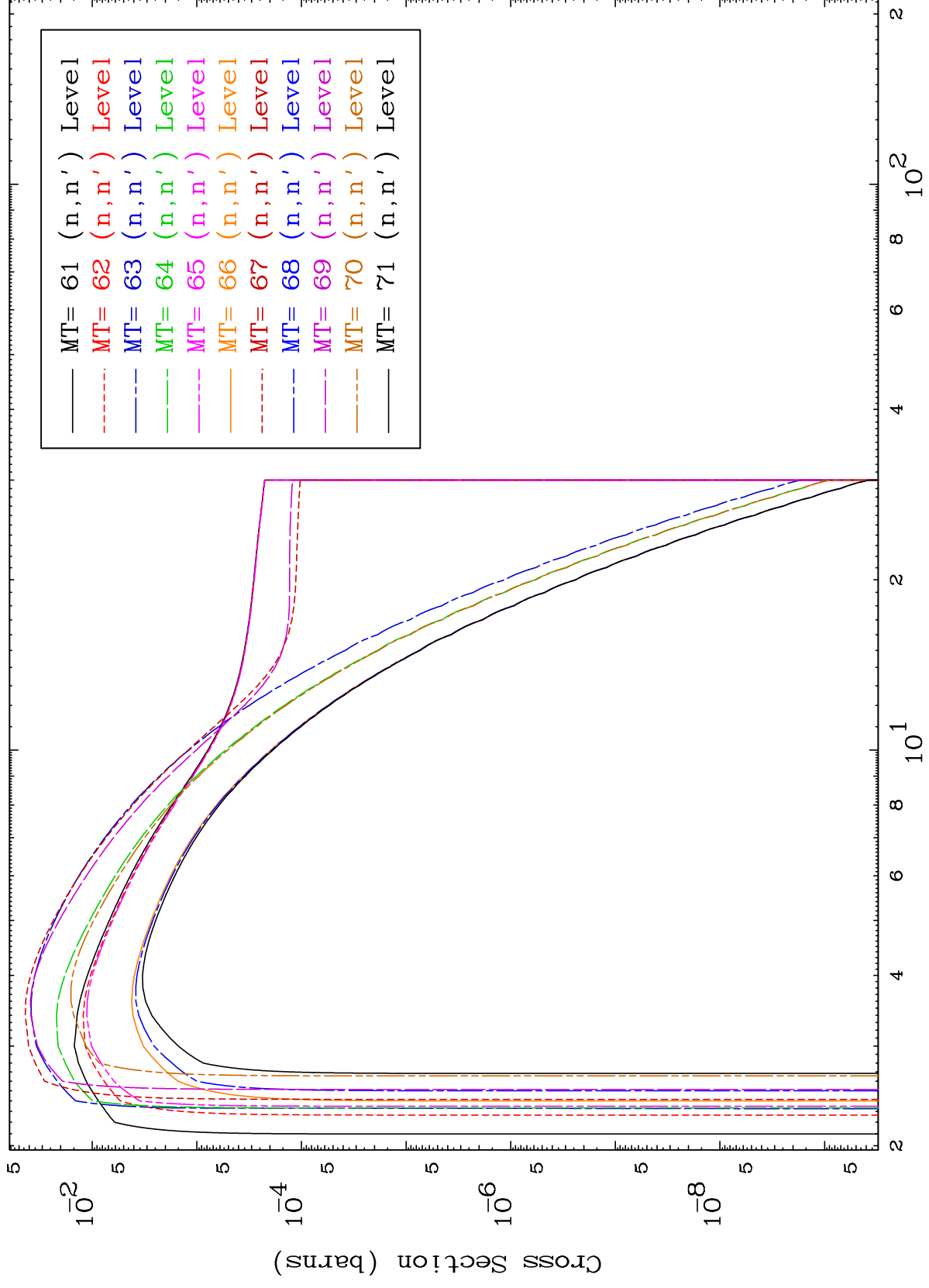
27-Co-56

MAT 2716

(n,n') Level

27-Co-56

293 Kelvin Cross Sections

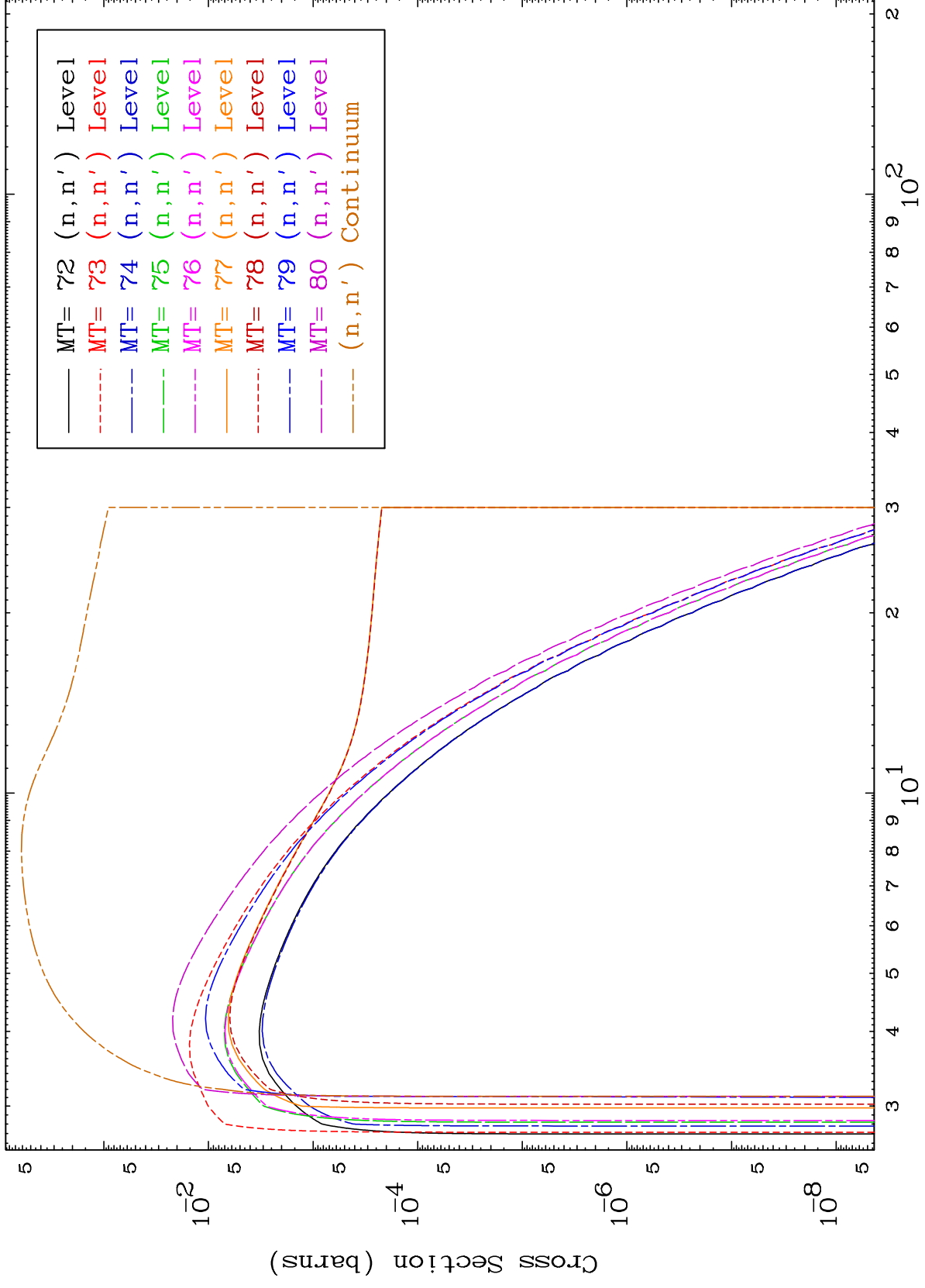


7

Incident Energy (MeV)

27-Co-56

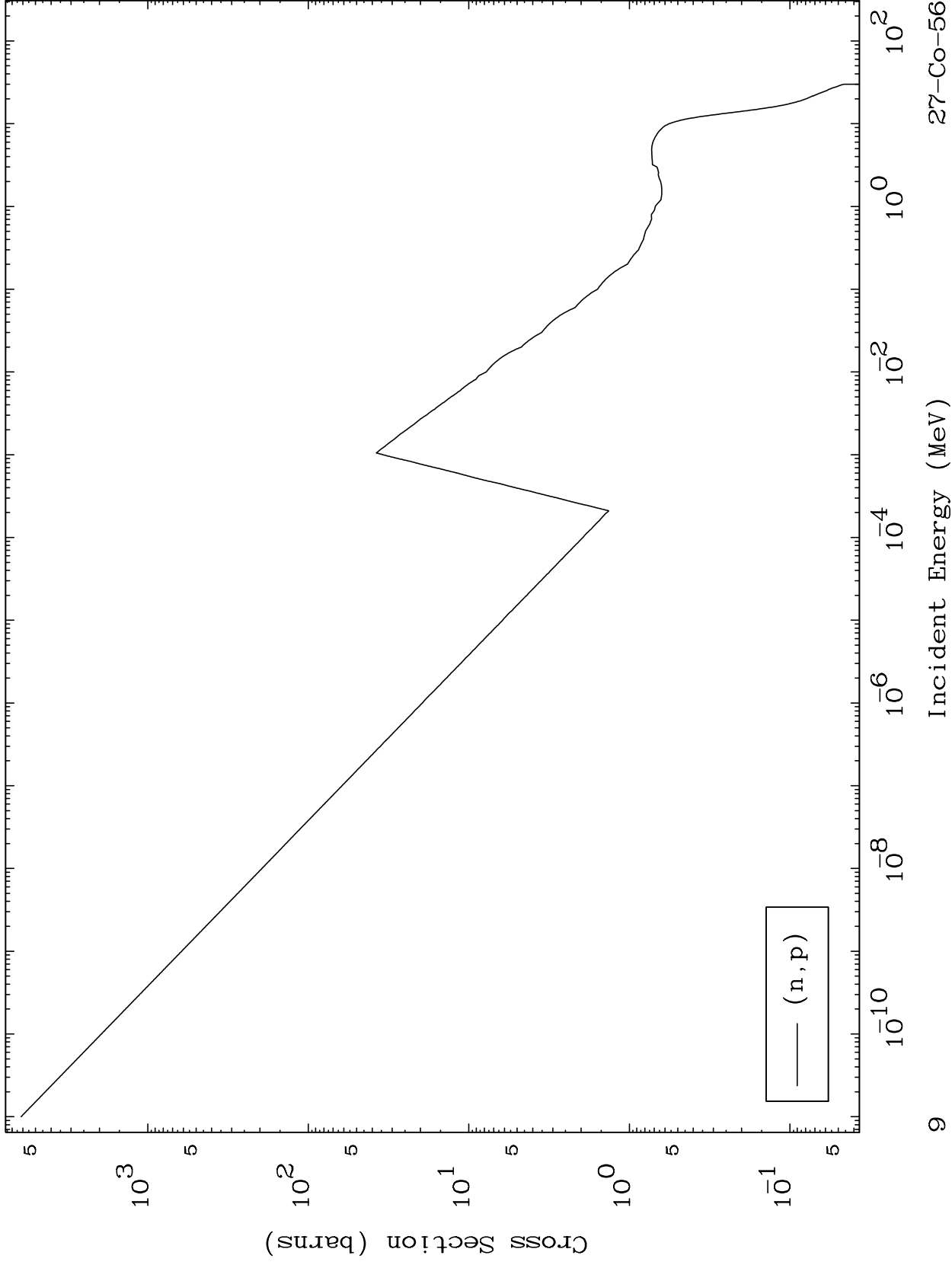
293 Kelvin Cross Sections



MAT 2716

(n,p) Levels
293 Kelvin Cross Sections

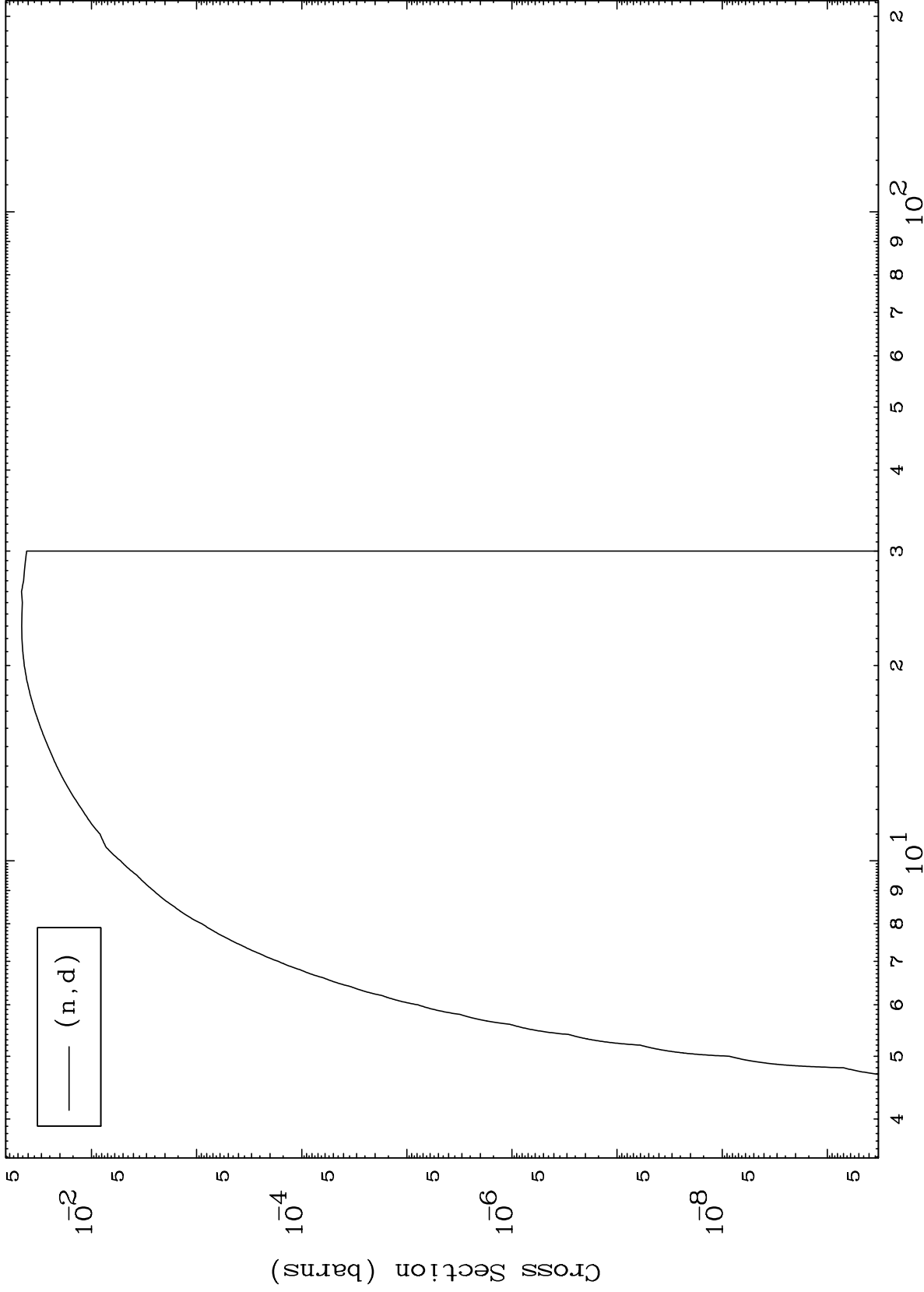
27-Co-56



MAT 2716

(n,d) Levels
293 Kelvin Cross Sections

27-Co-56



10

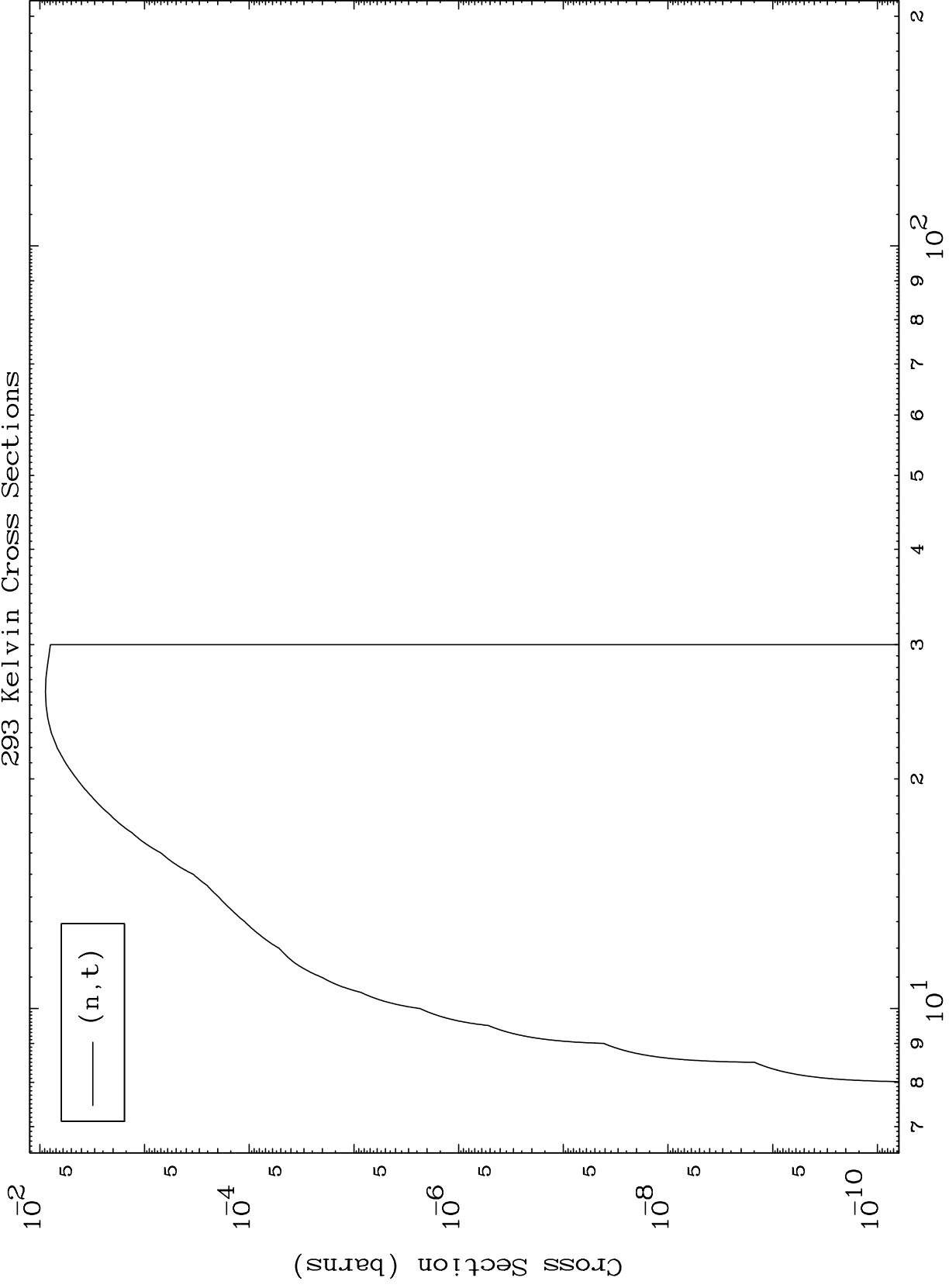
Incident Energy (MeV)

27-Co-56

MAT 2716

(n,t) Levels
293 Kelvin Cross Sections

27-Co-56



11

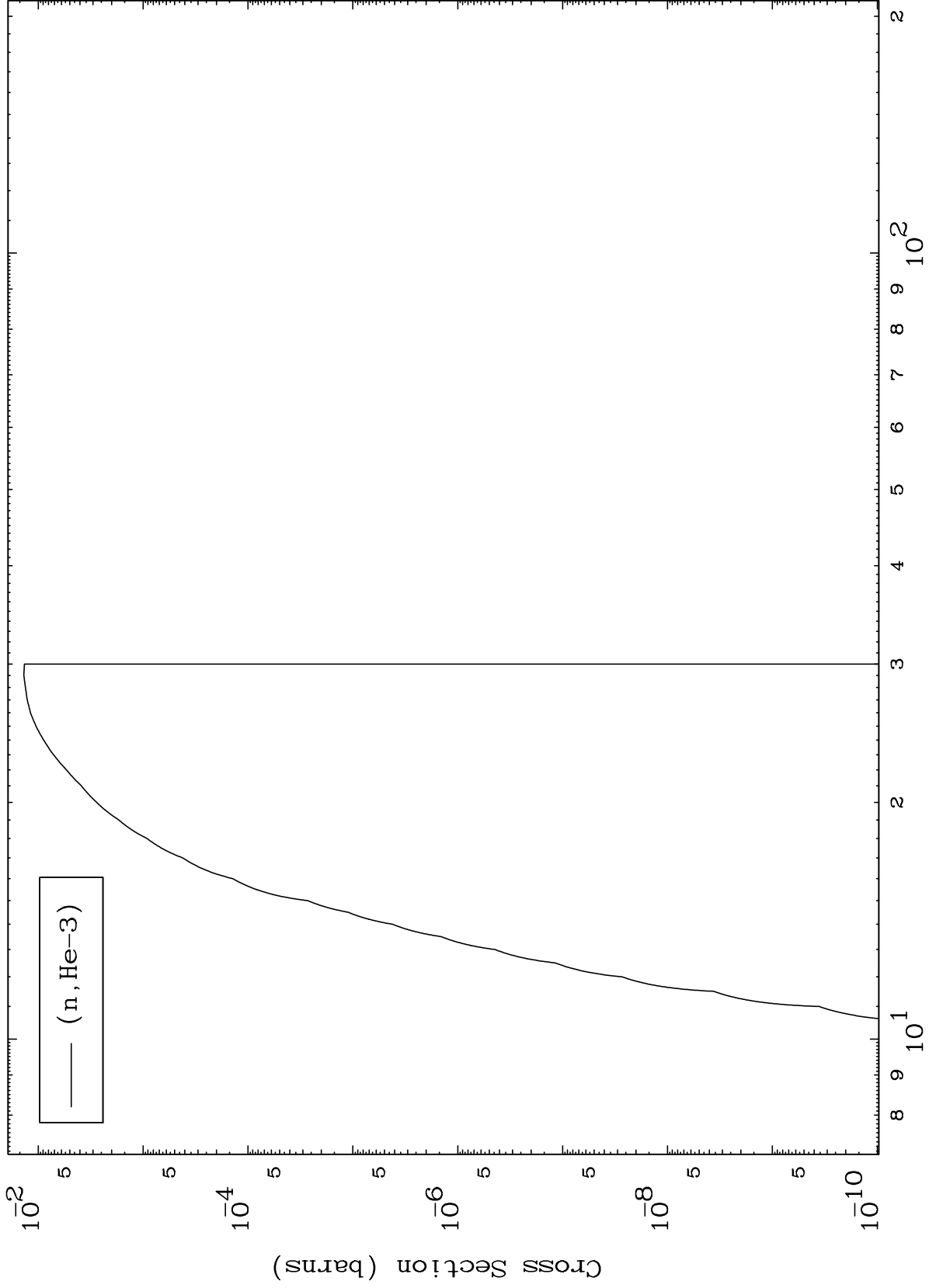
Incident Energy (MeV)

27-Co-56

MAT 2716

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-56



12

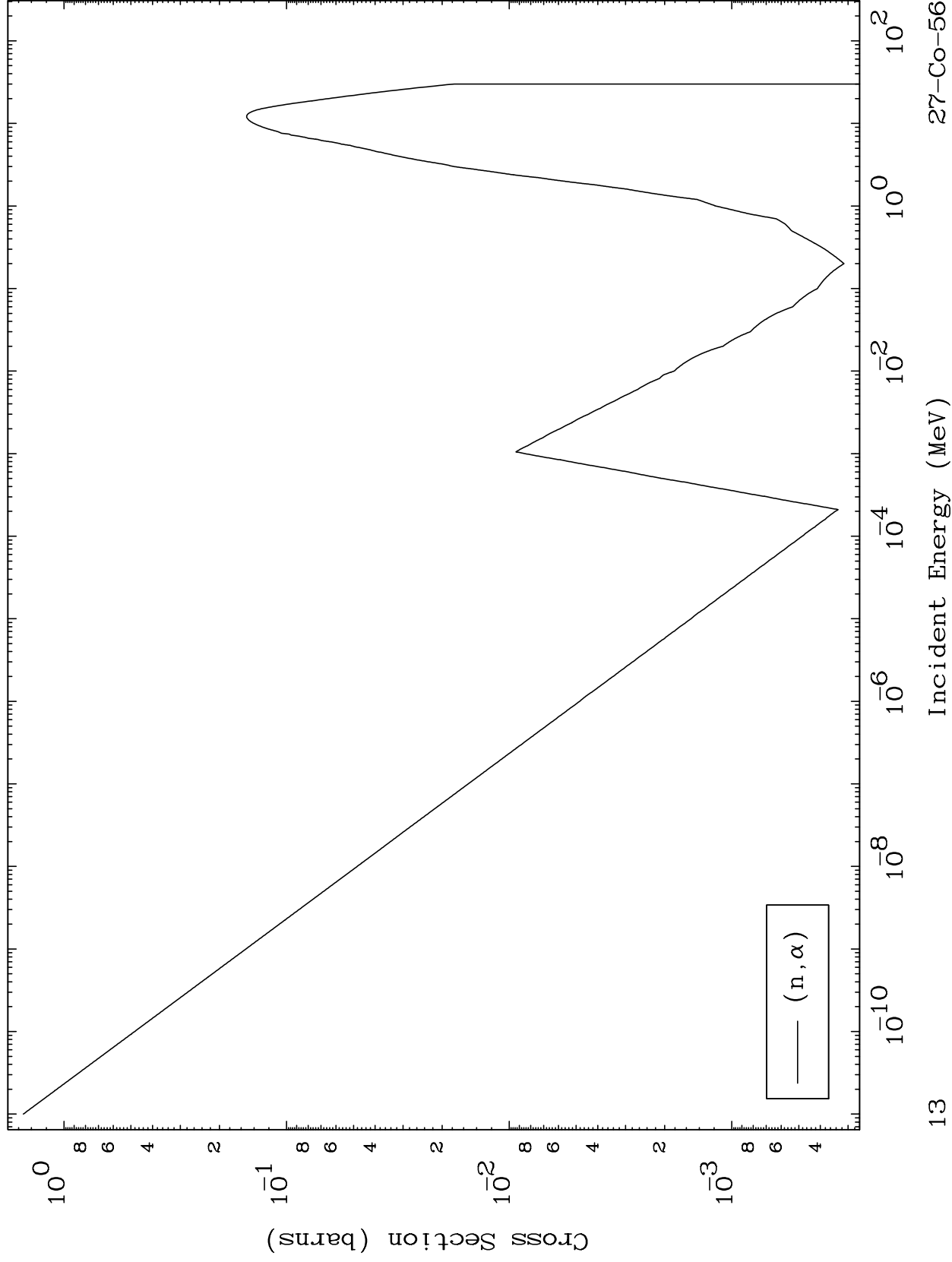
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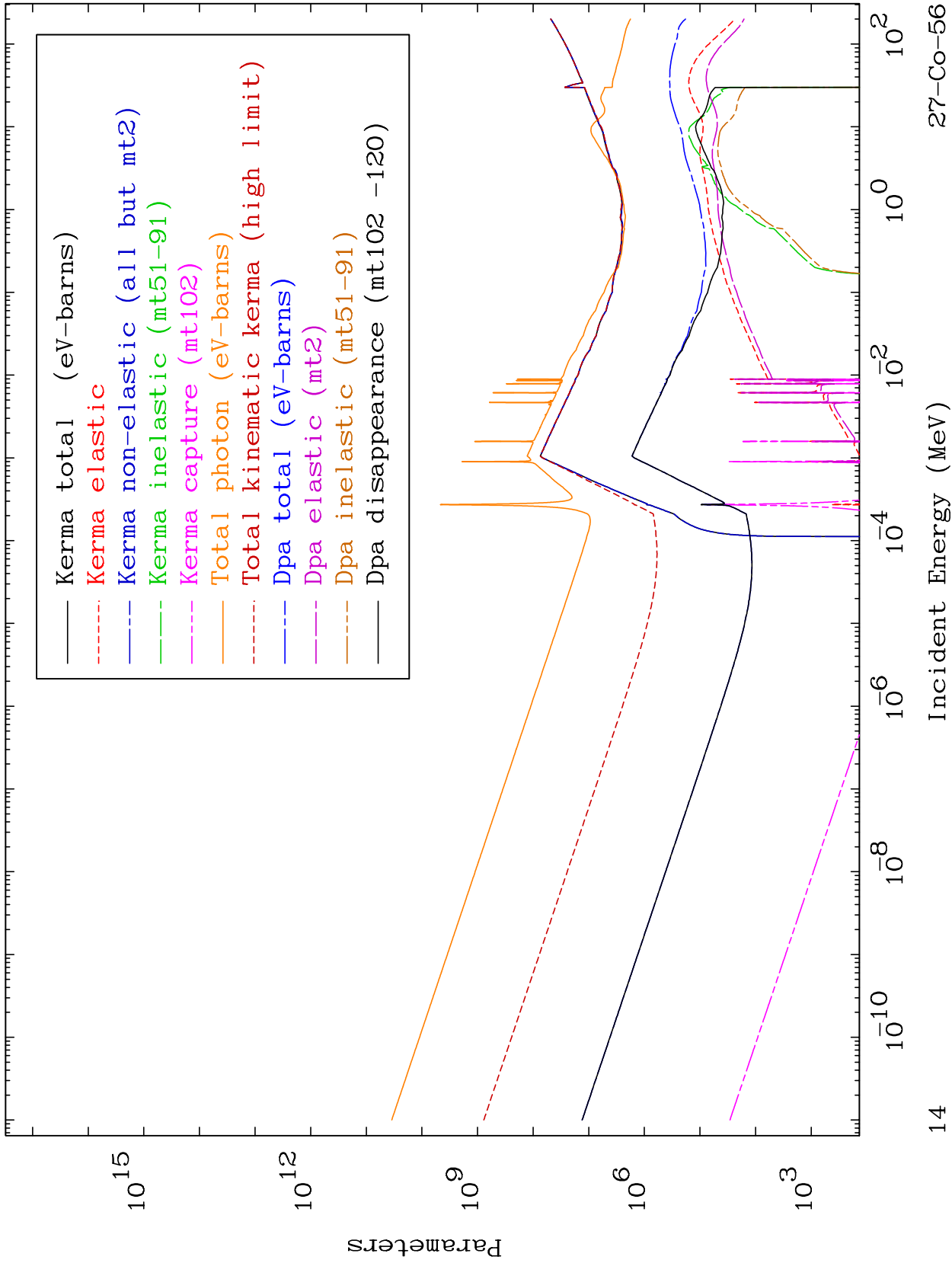
MAT 2716

(n, α) Levels
293 Kelvin Cross Sections

27-Co-56



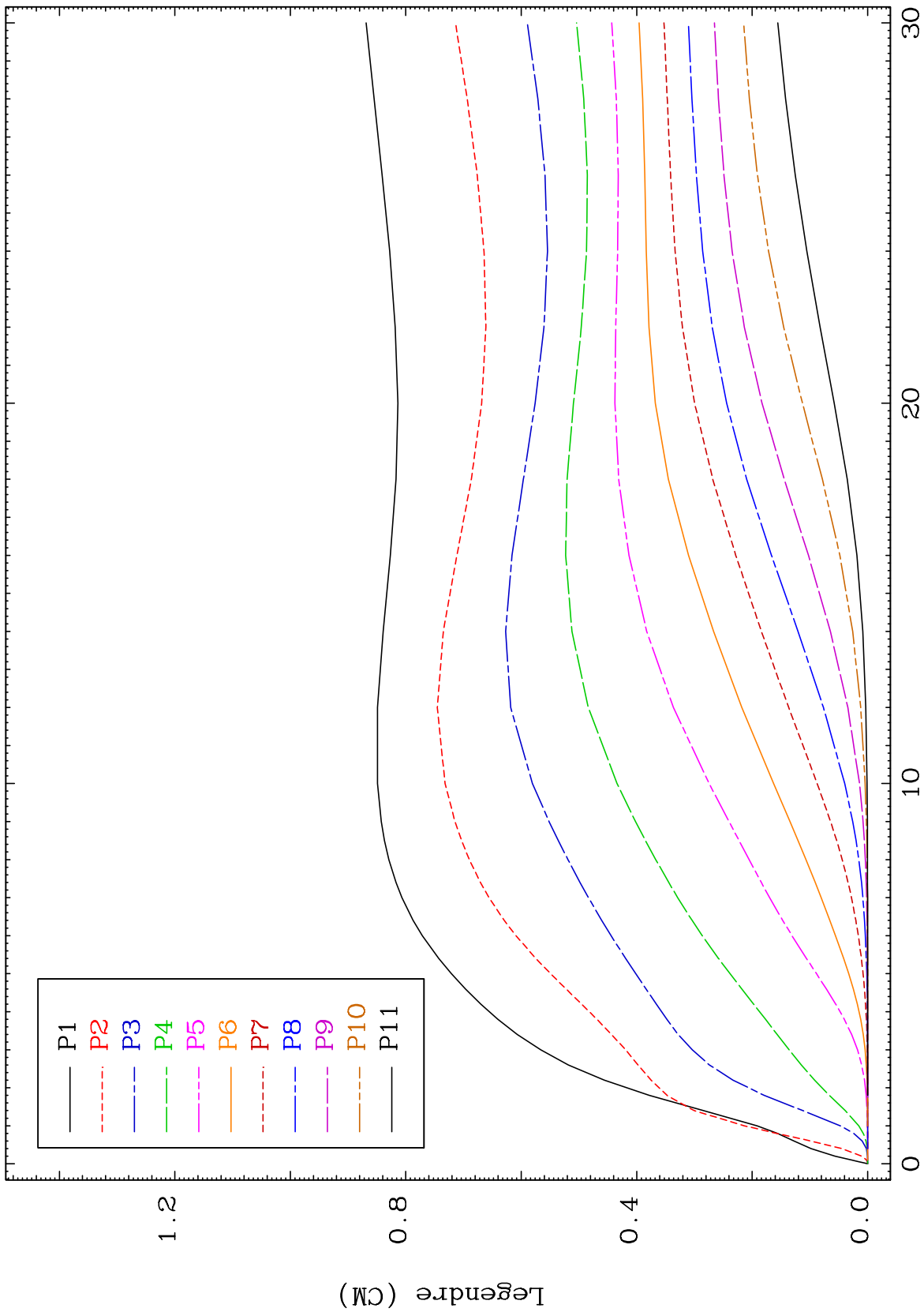
13



MAT 2716

Elastic Legendre Coefficients

27-Co-56



15

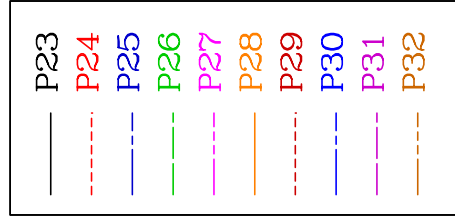
Incident Energy (MeV)

27-Co-56

MAT 2716

Elastic Legendre Coefficients

27-Co-56



$\times 10^{-6}$

Legendre (CM)

1

0

10

15

20

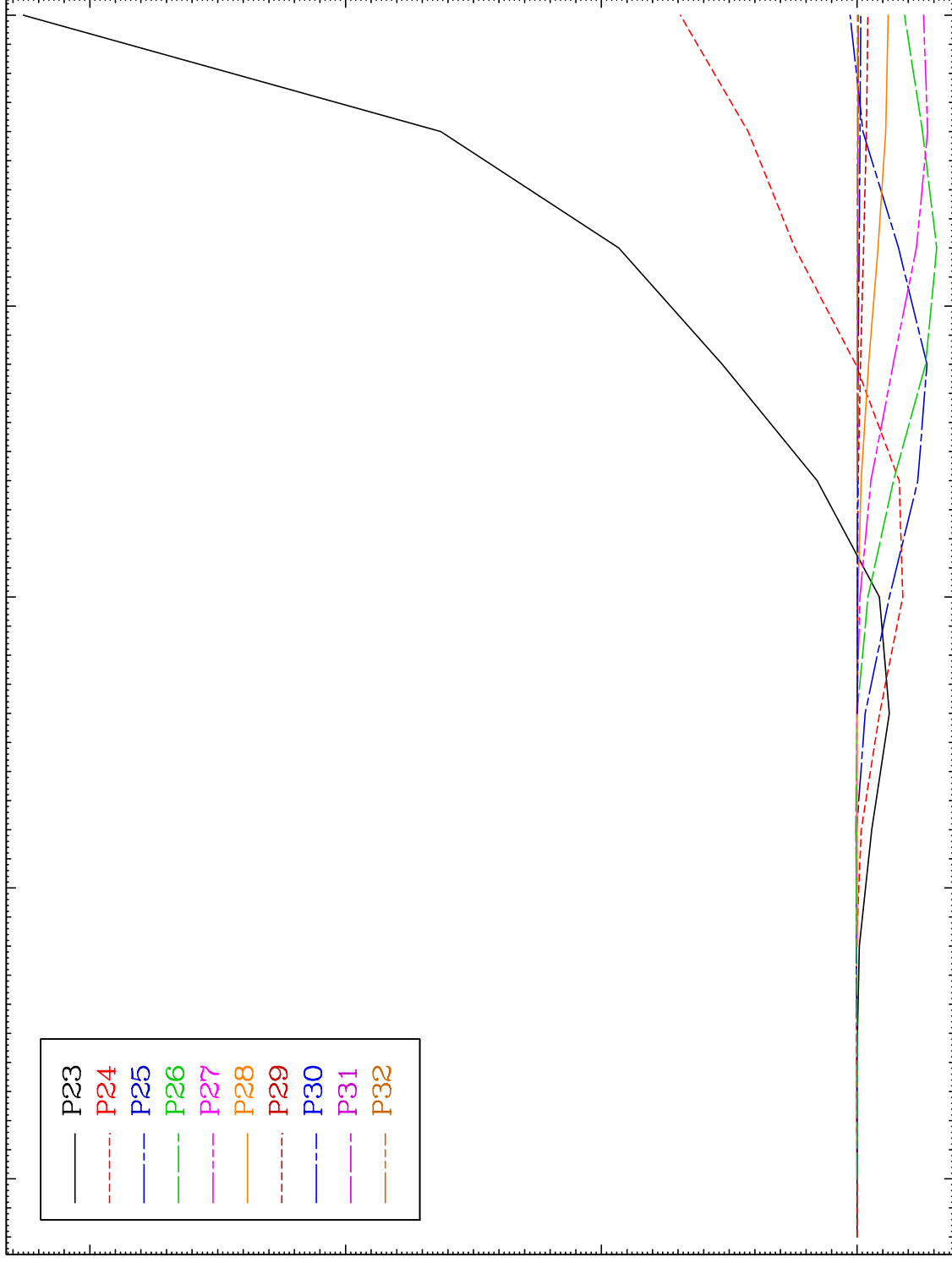
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30

17

Incident Energy (MeV)

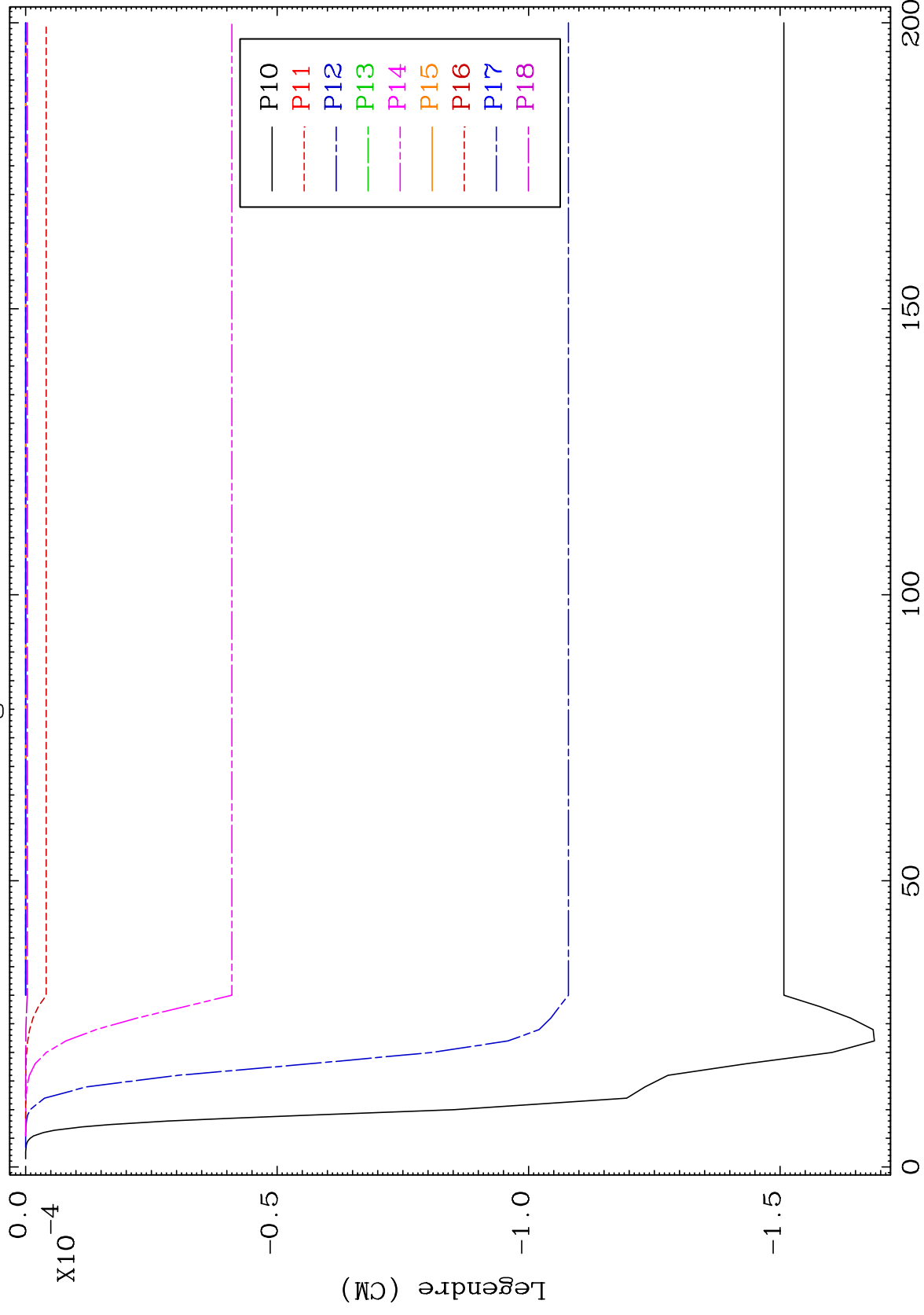
27-Co-56



MAT 2716

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

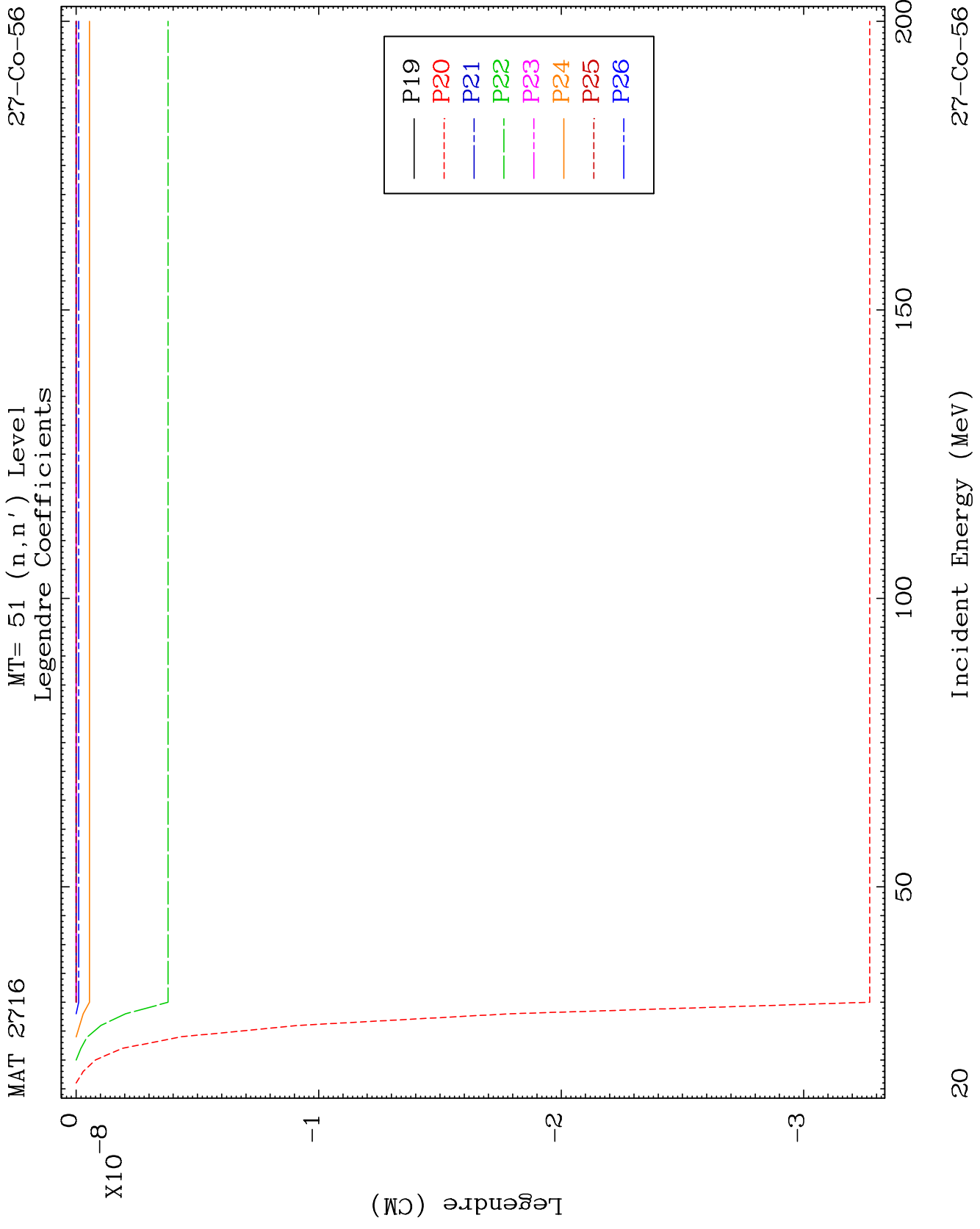
27-Co-56



27-Co-56

Incident Energy (MeV)

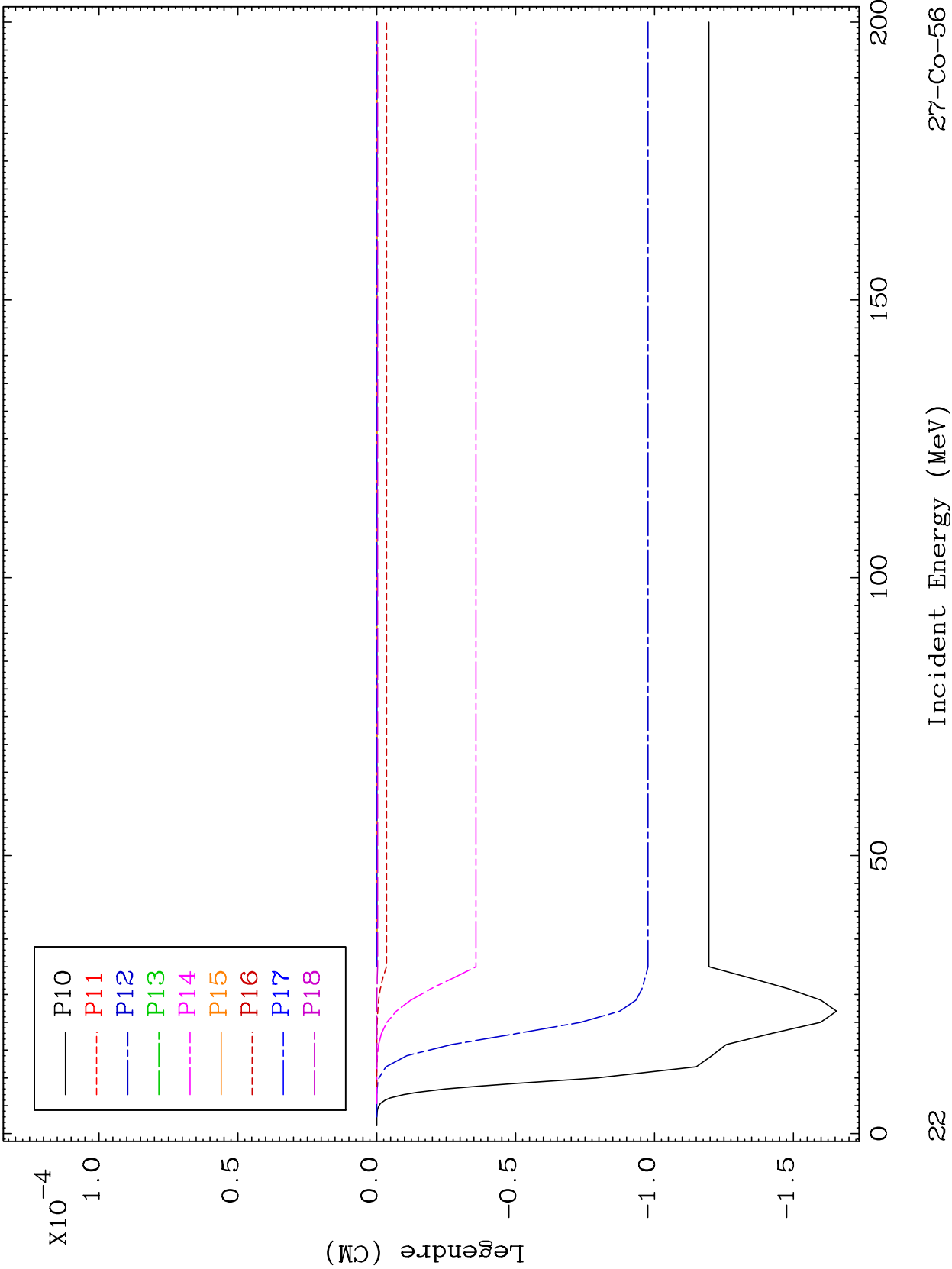
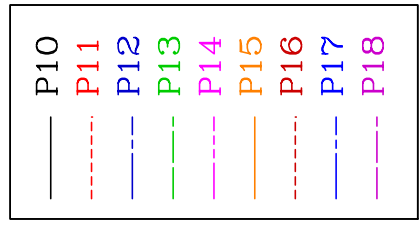
19



MAT 2716

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

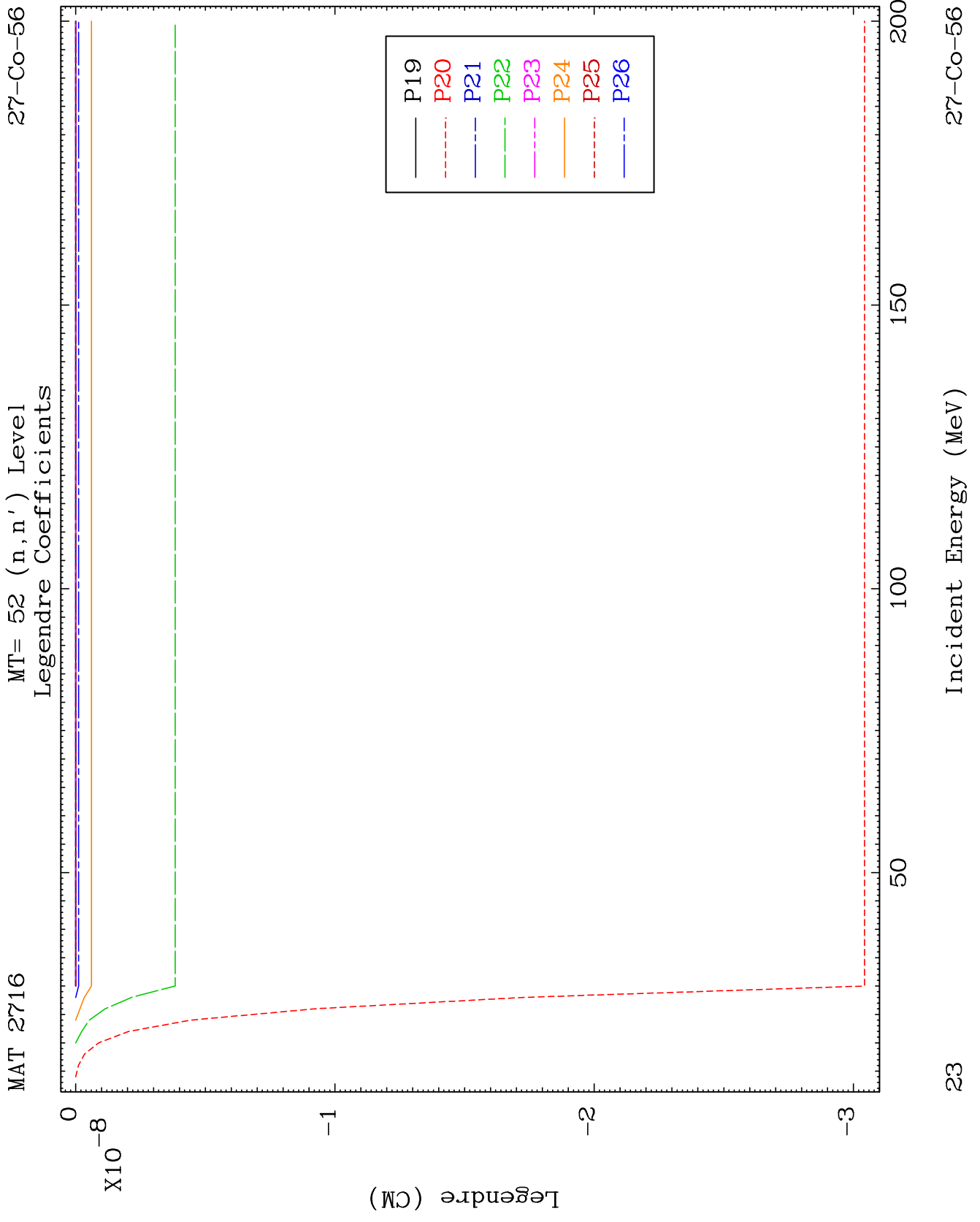
27-Co-56



22

Incident Energy (MeV)

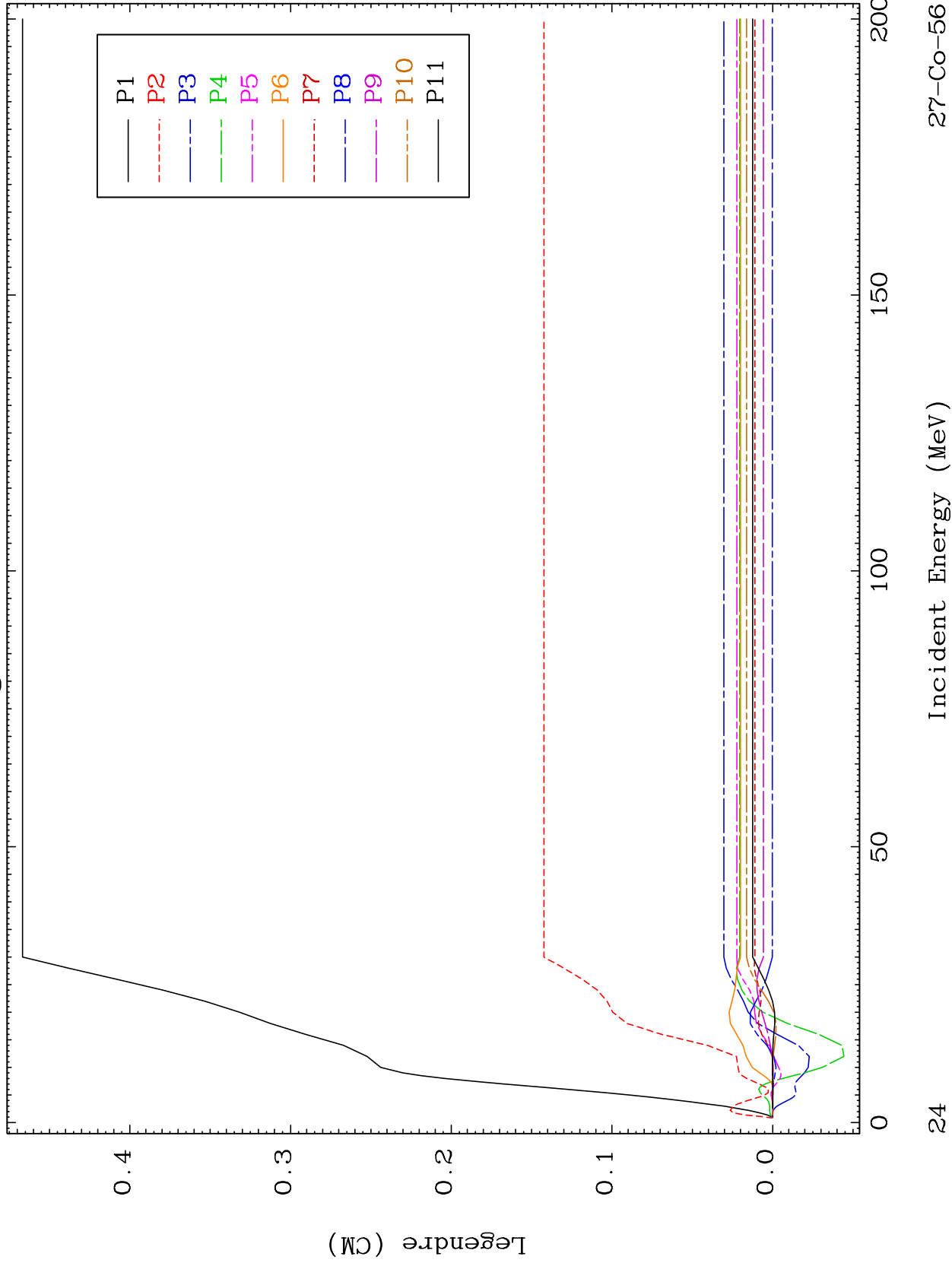
27-Co-56



MAT 2716

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

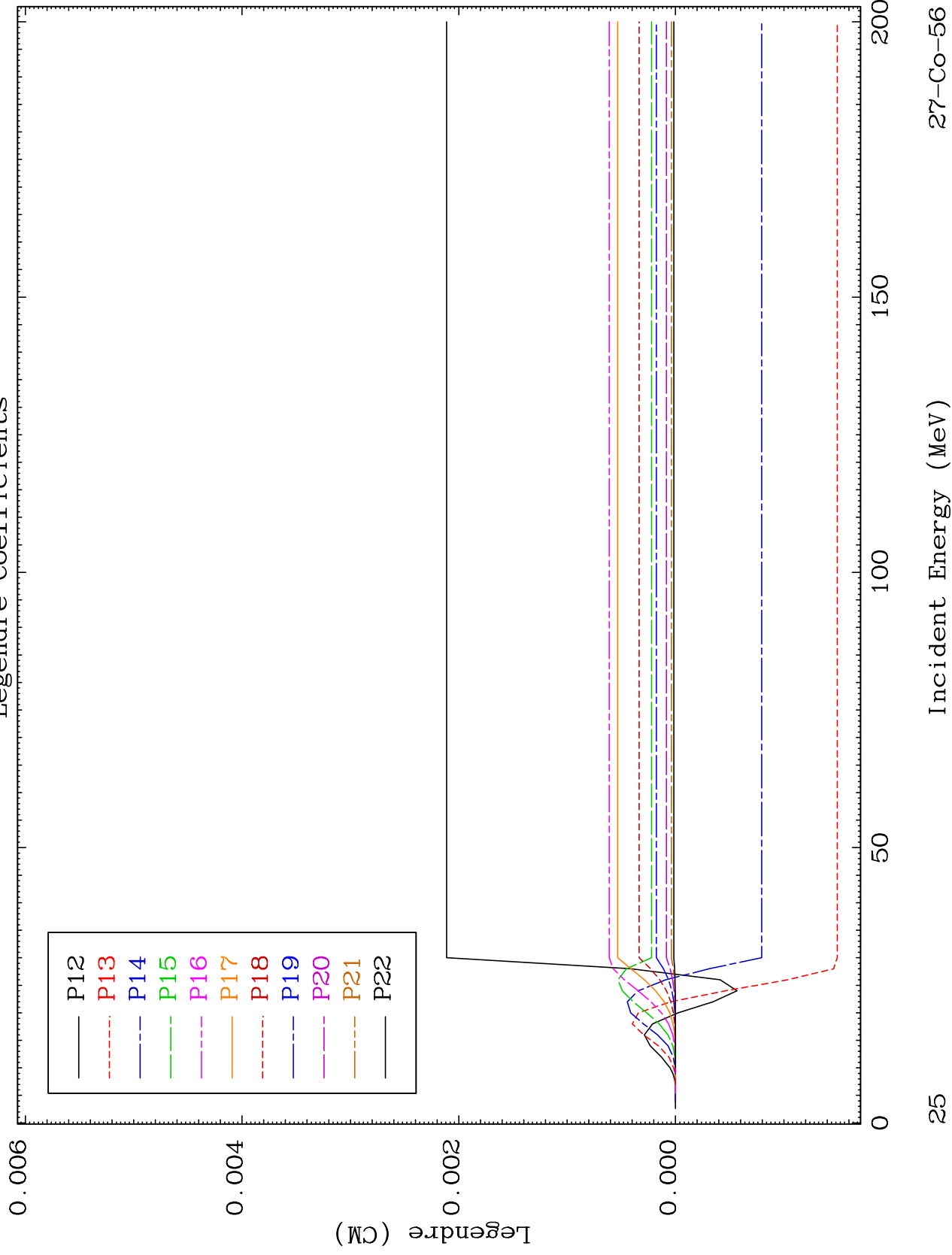
27-Co-56



MAT 2716

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

27-Co-56



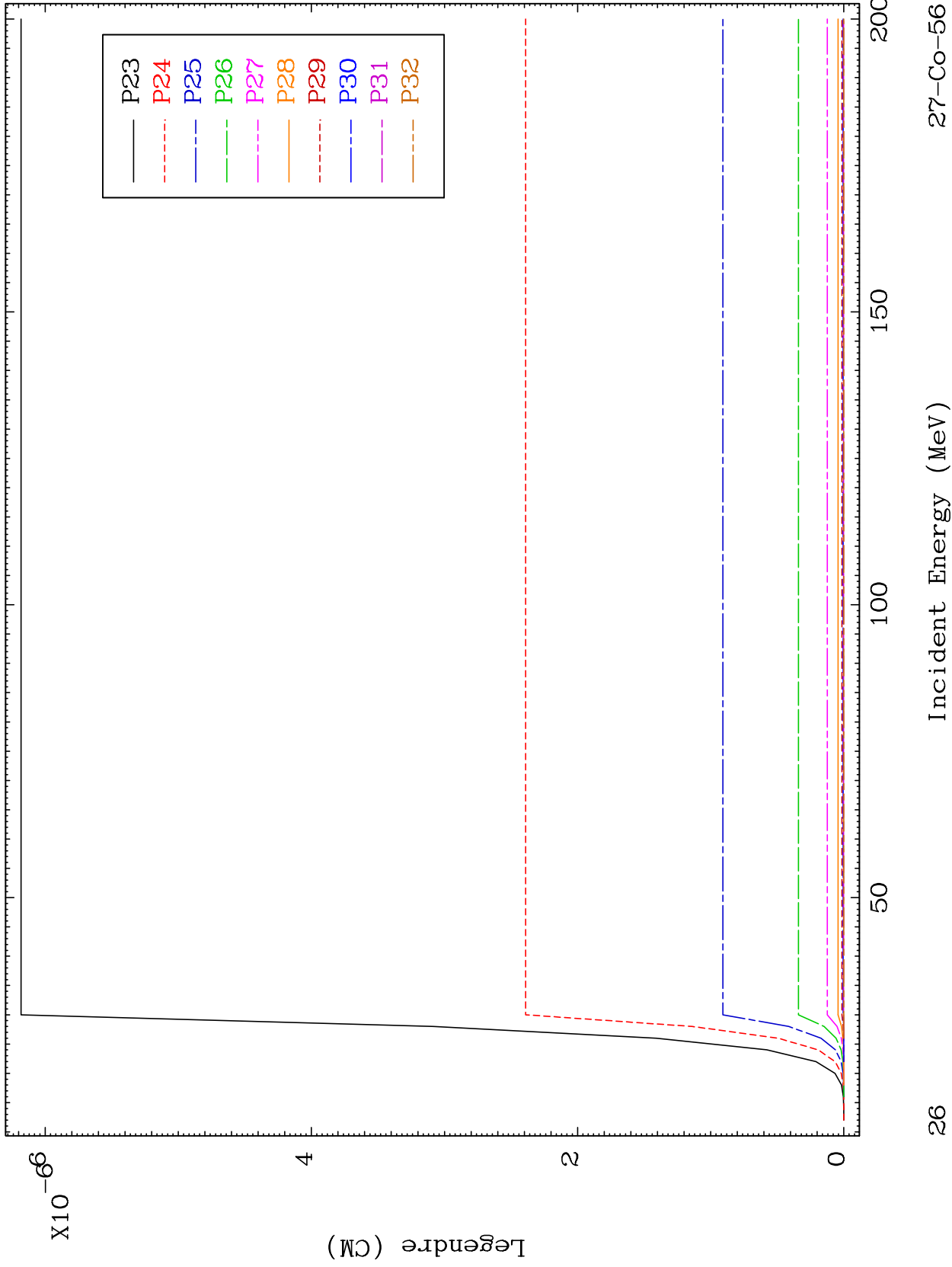
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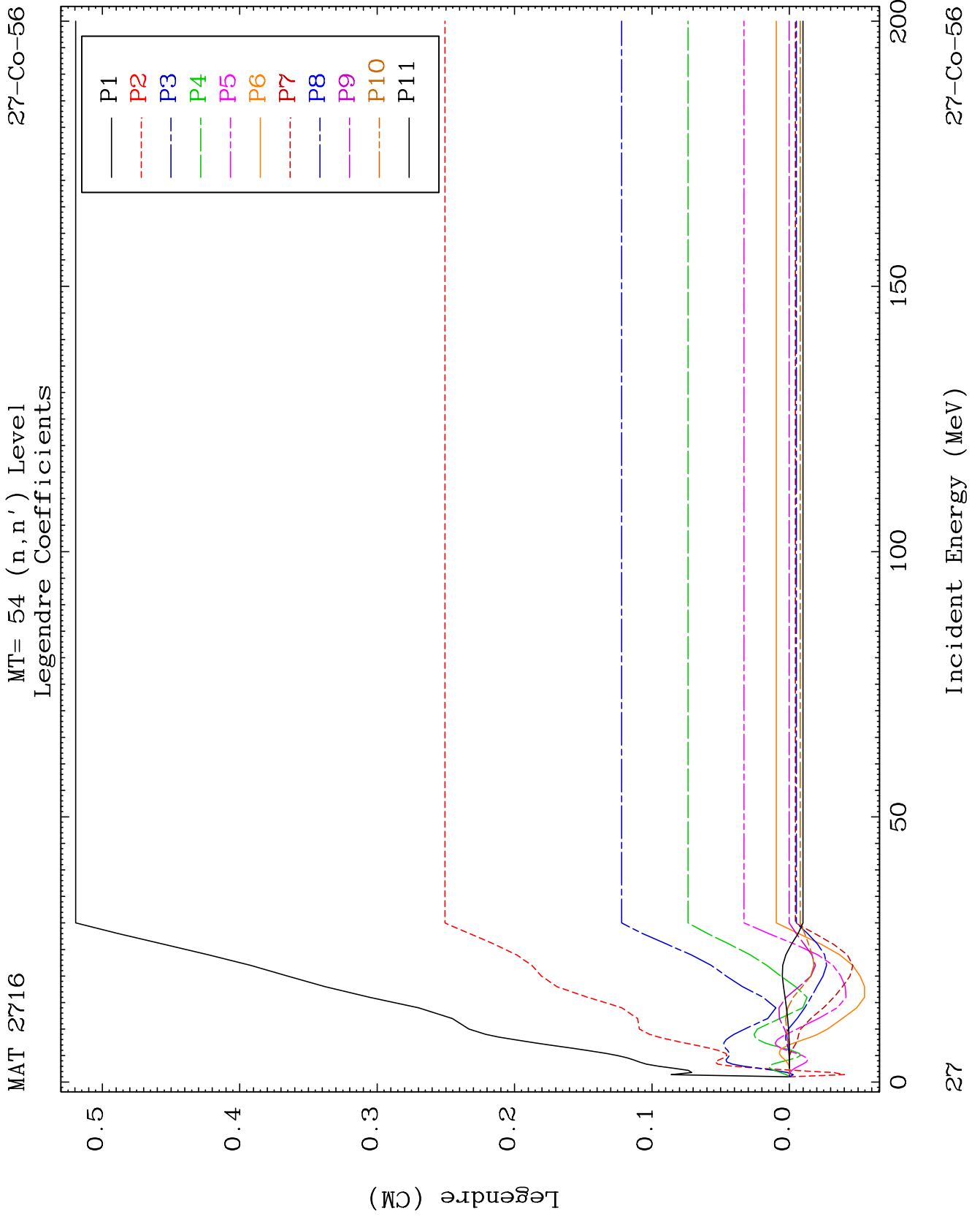
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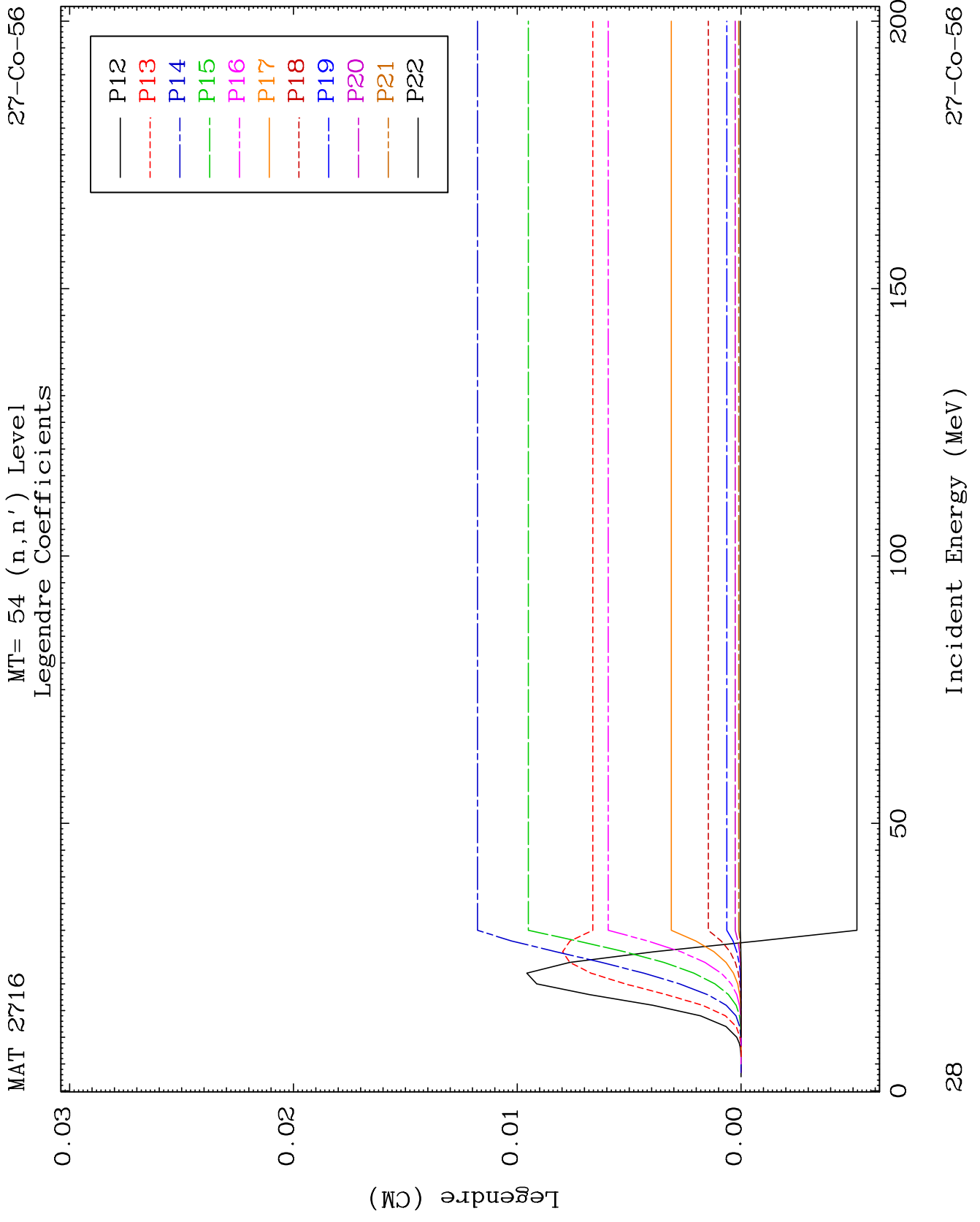
MAT 2716

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

27-Co-56



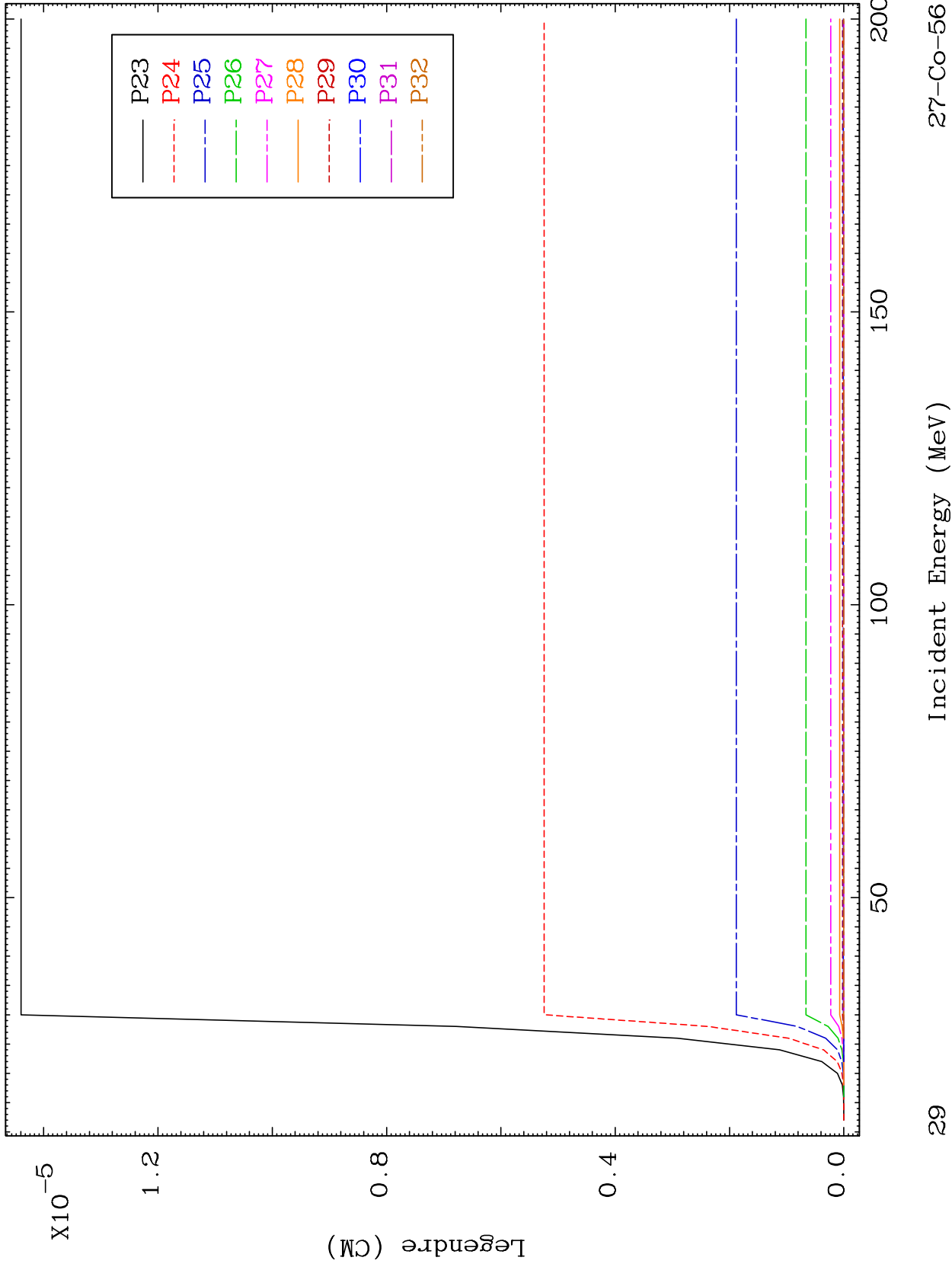




MAT 2716

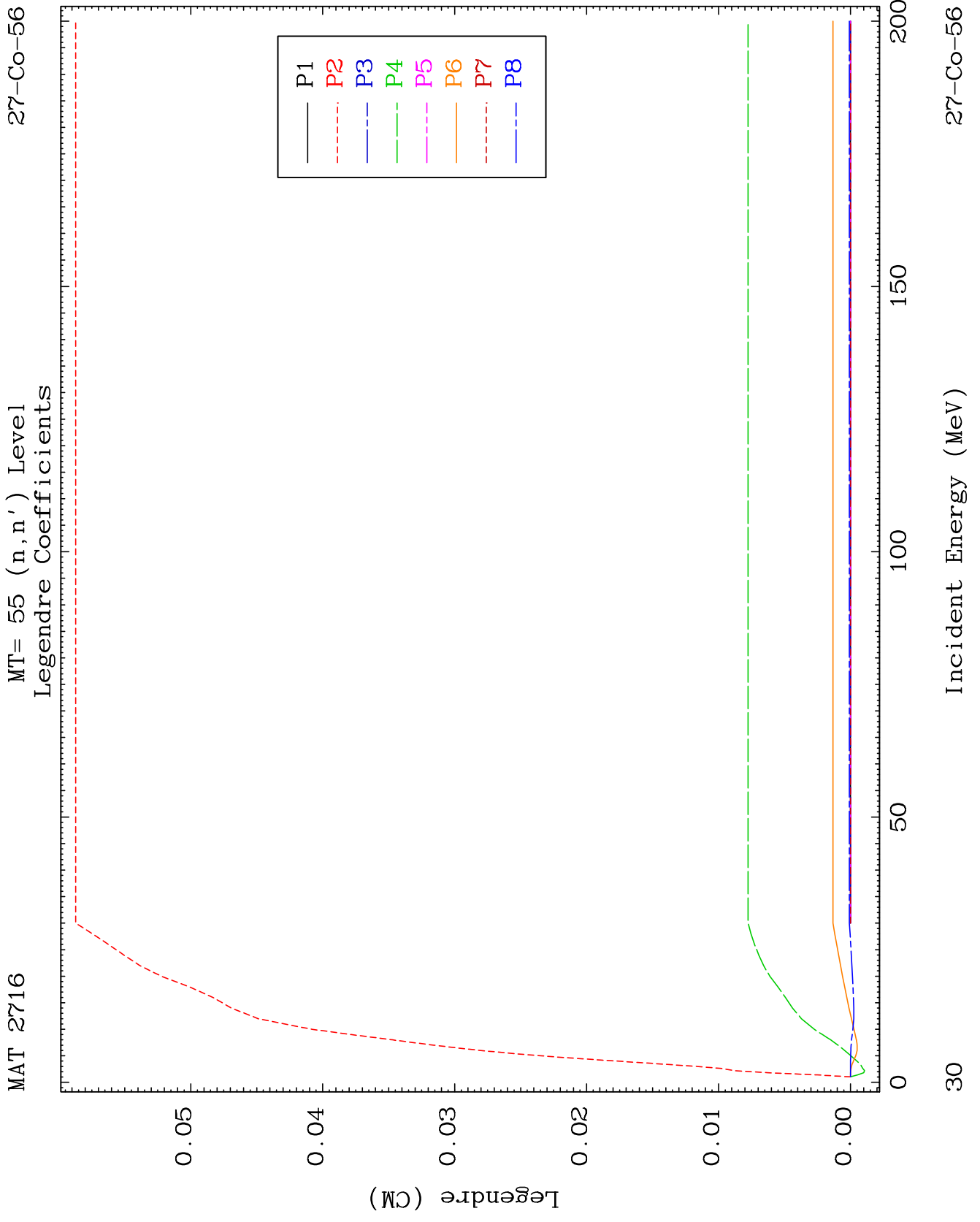
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Legendre Coefficients

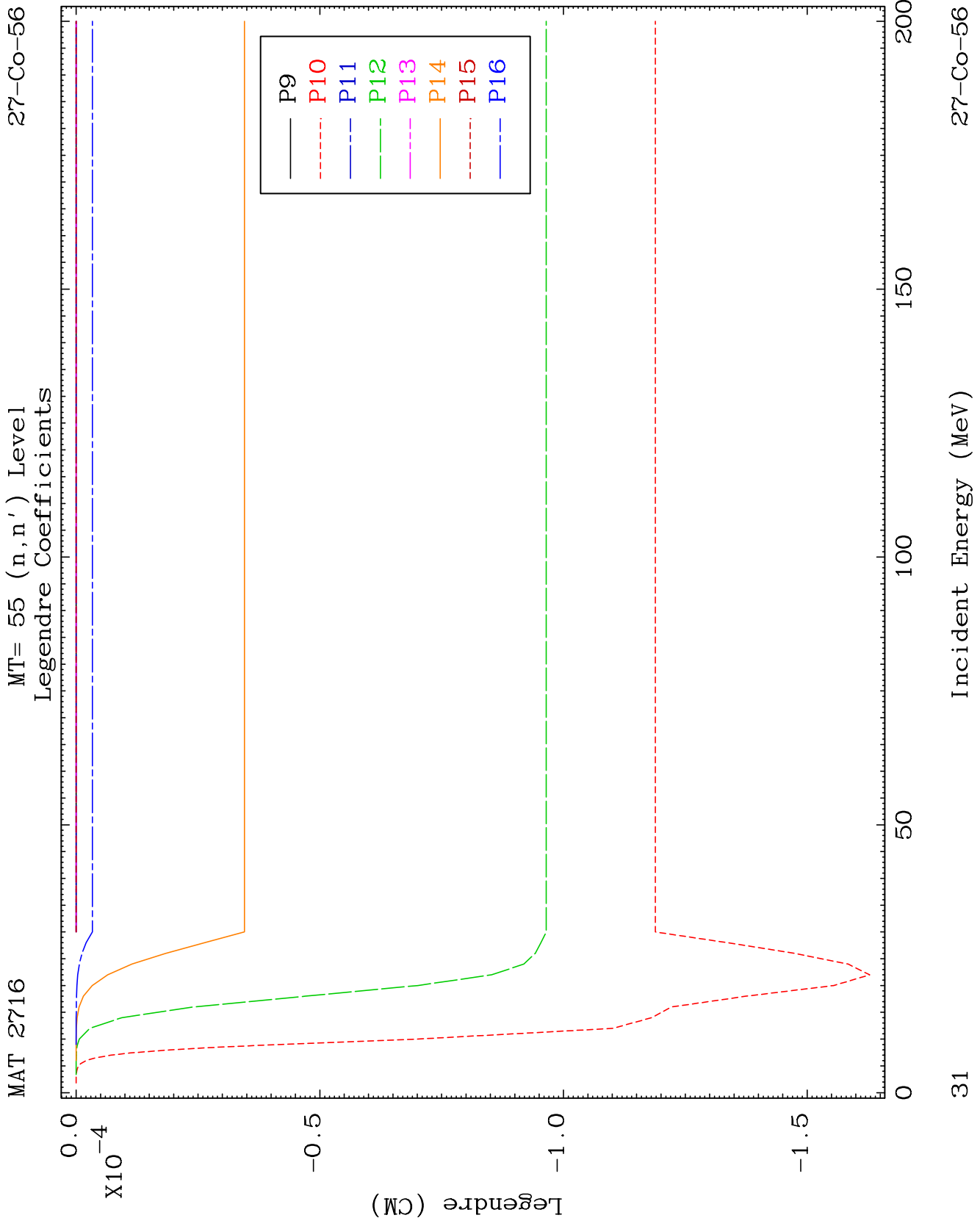
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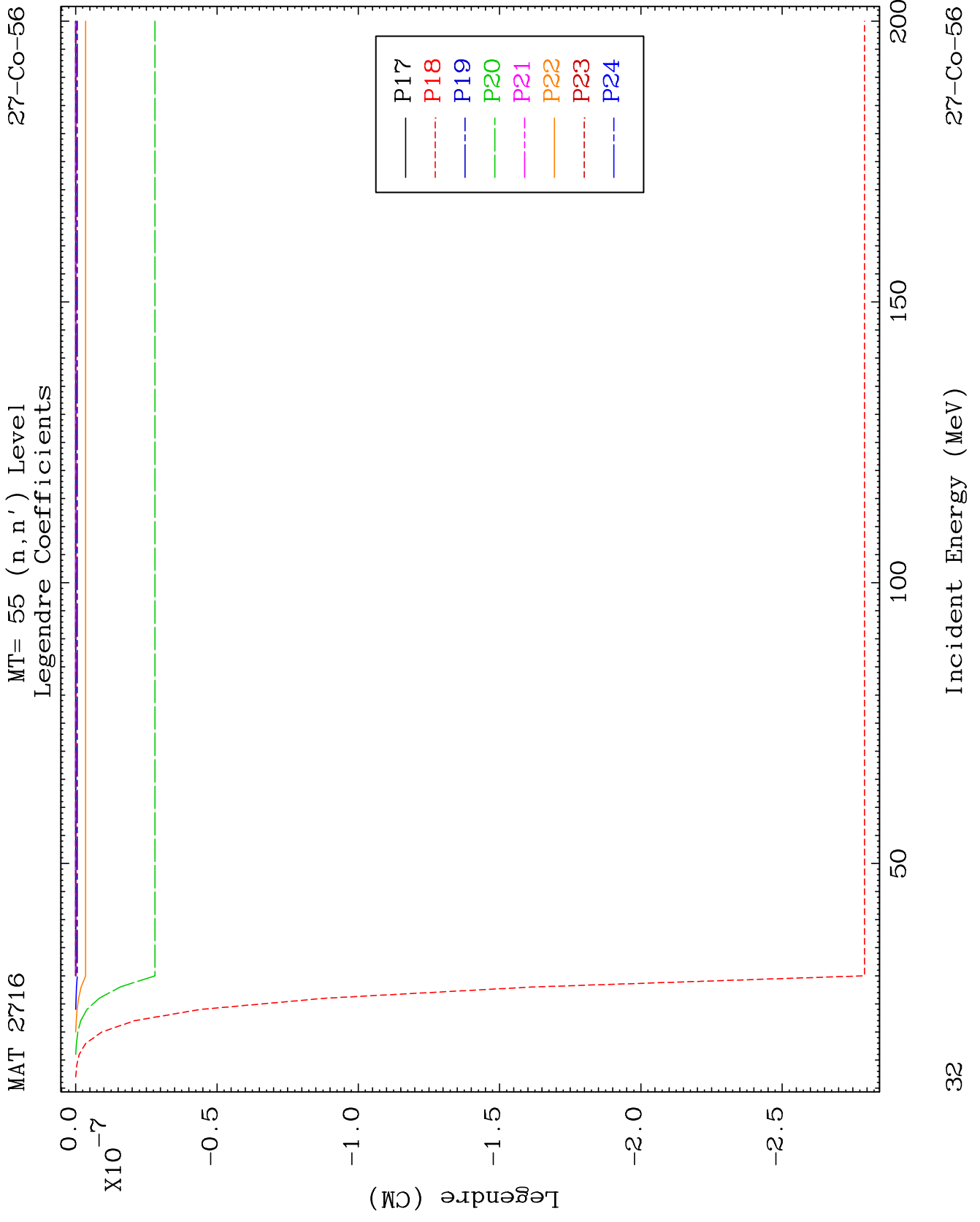


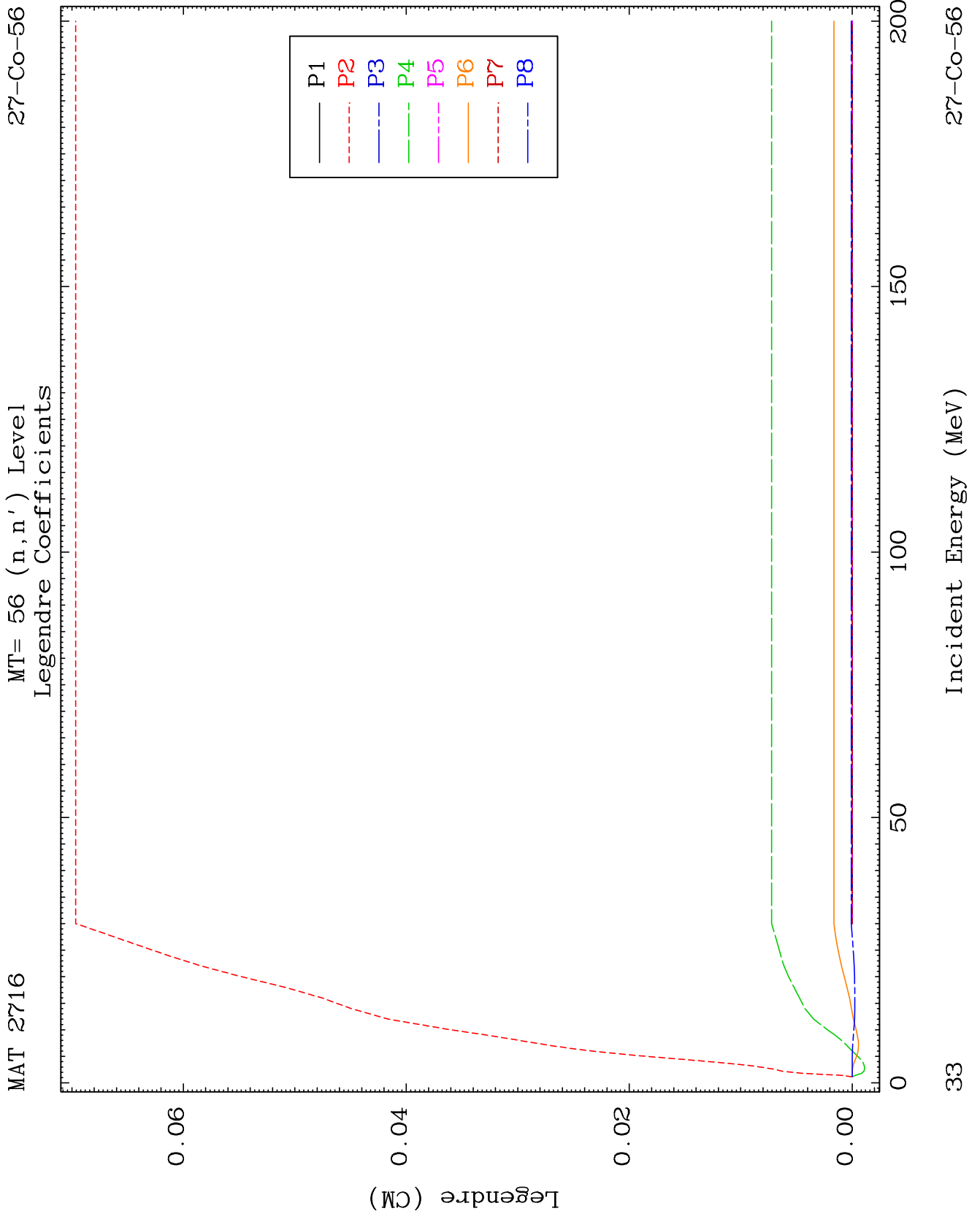
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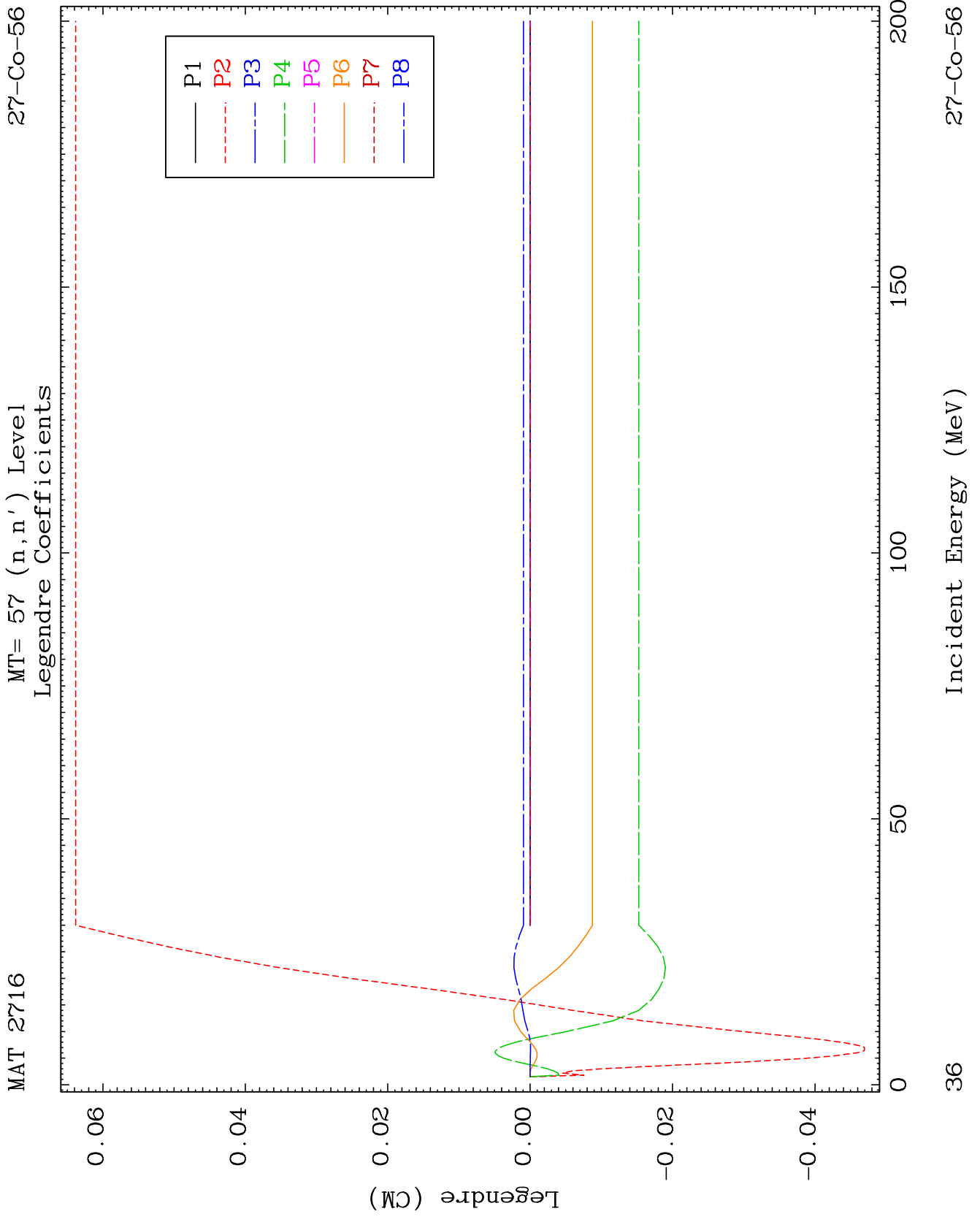
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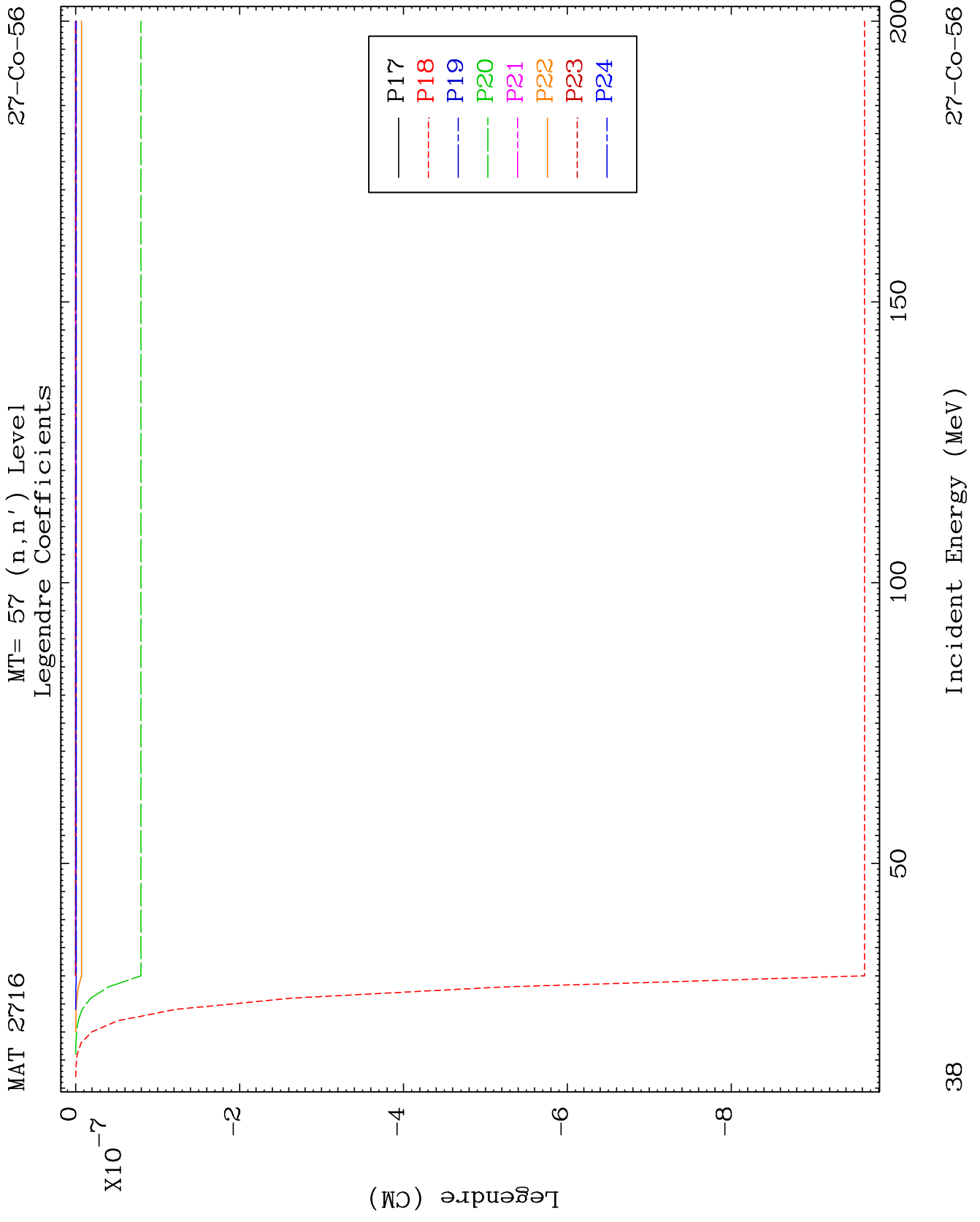








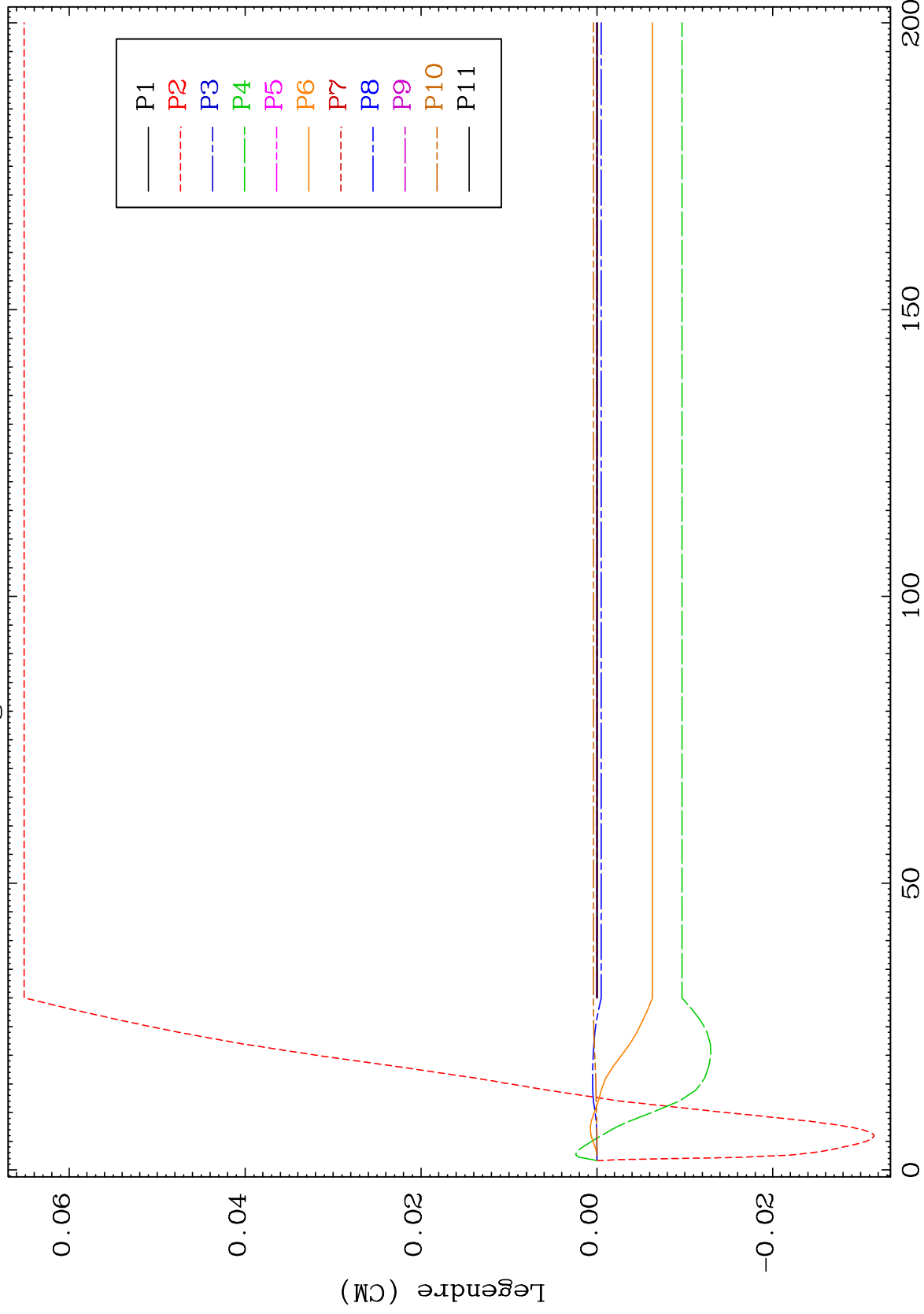




MAT 2716

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

27-Co-56



39

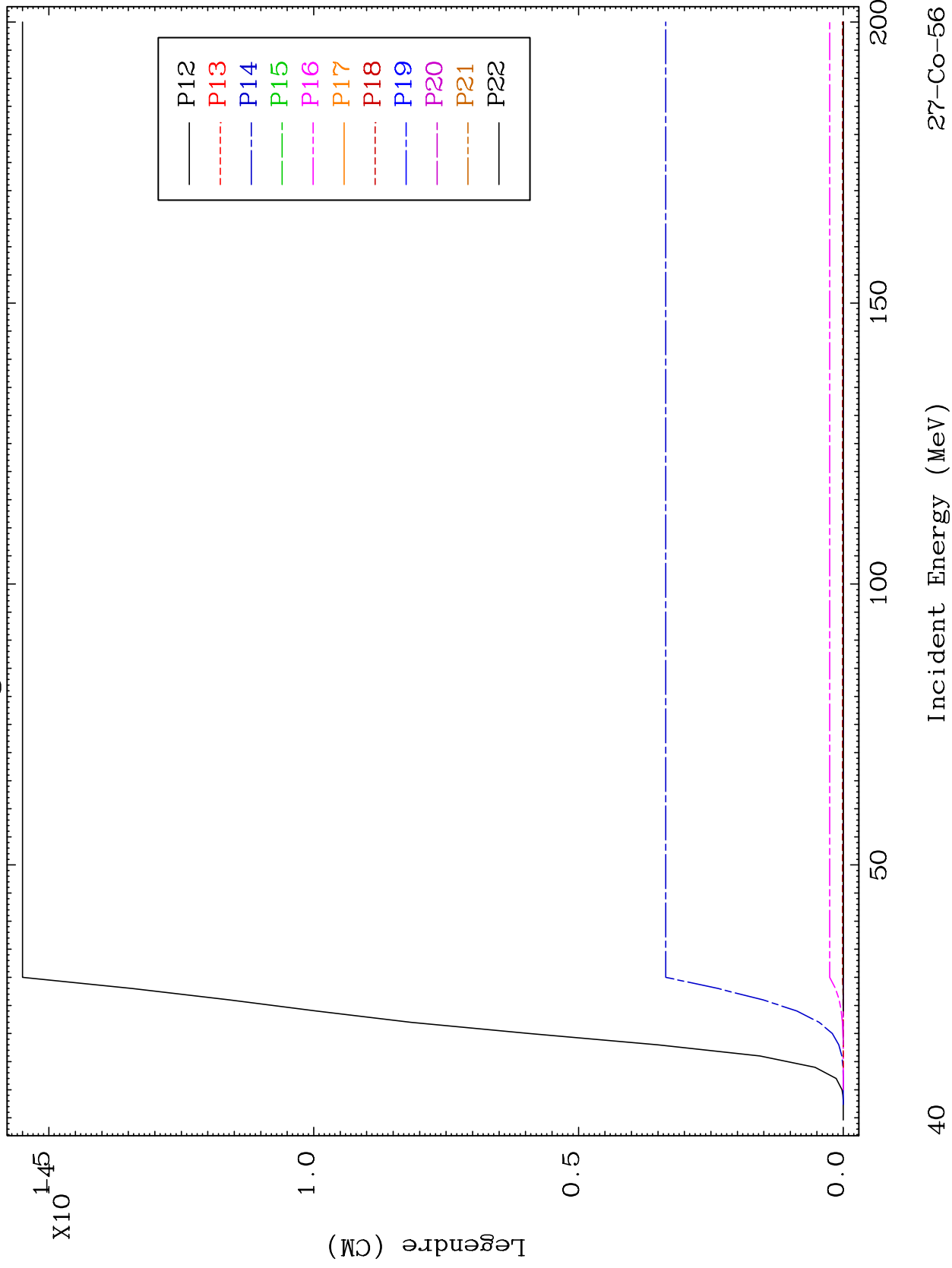
Incident Energy (MeV)

27-Co-56

MAT 2716

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

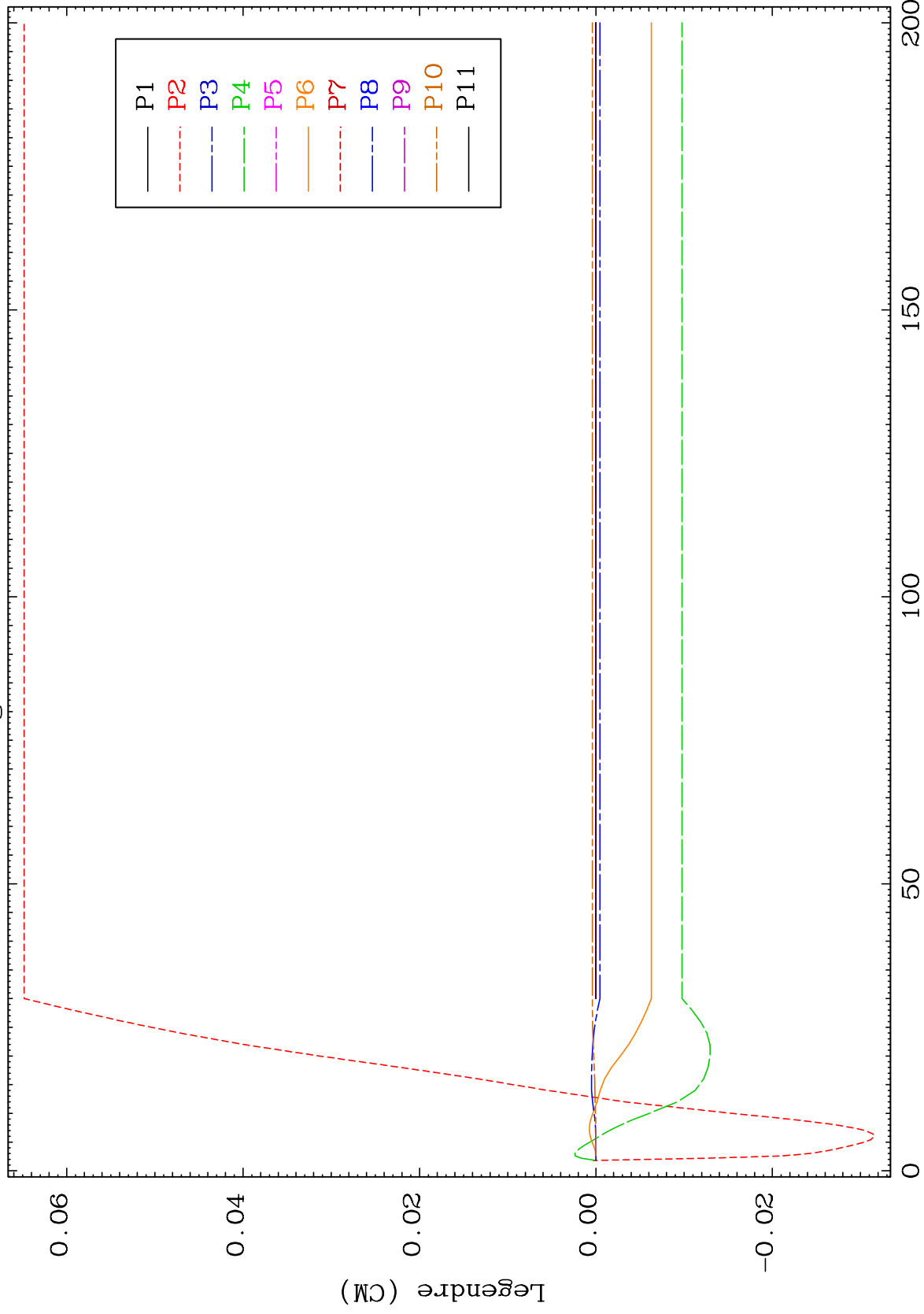
27-Co-56



MAT 2716

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

27-Co-56



41

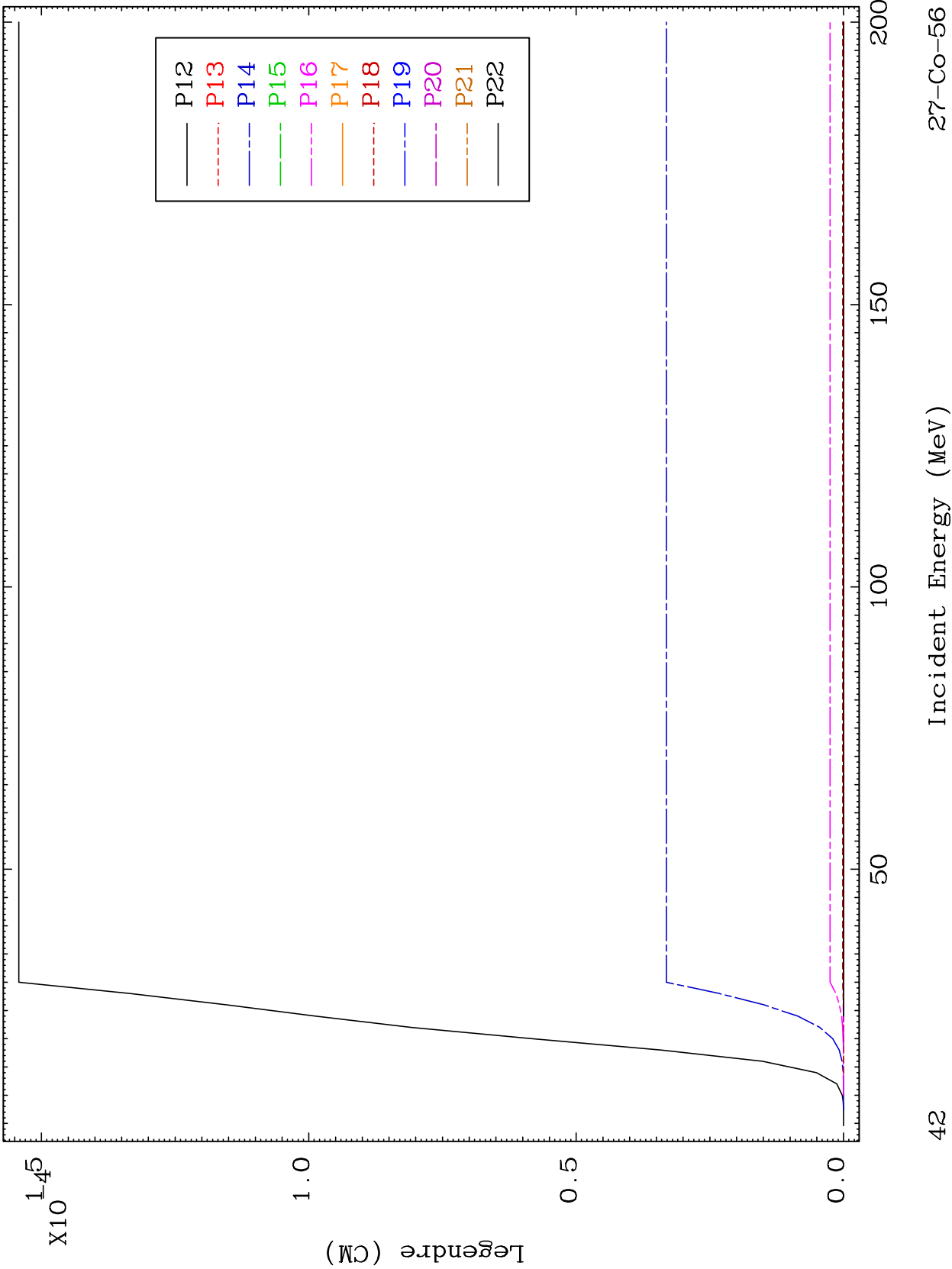
Incident Energy (MeV)

27-Co-56

MAT 2716

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

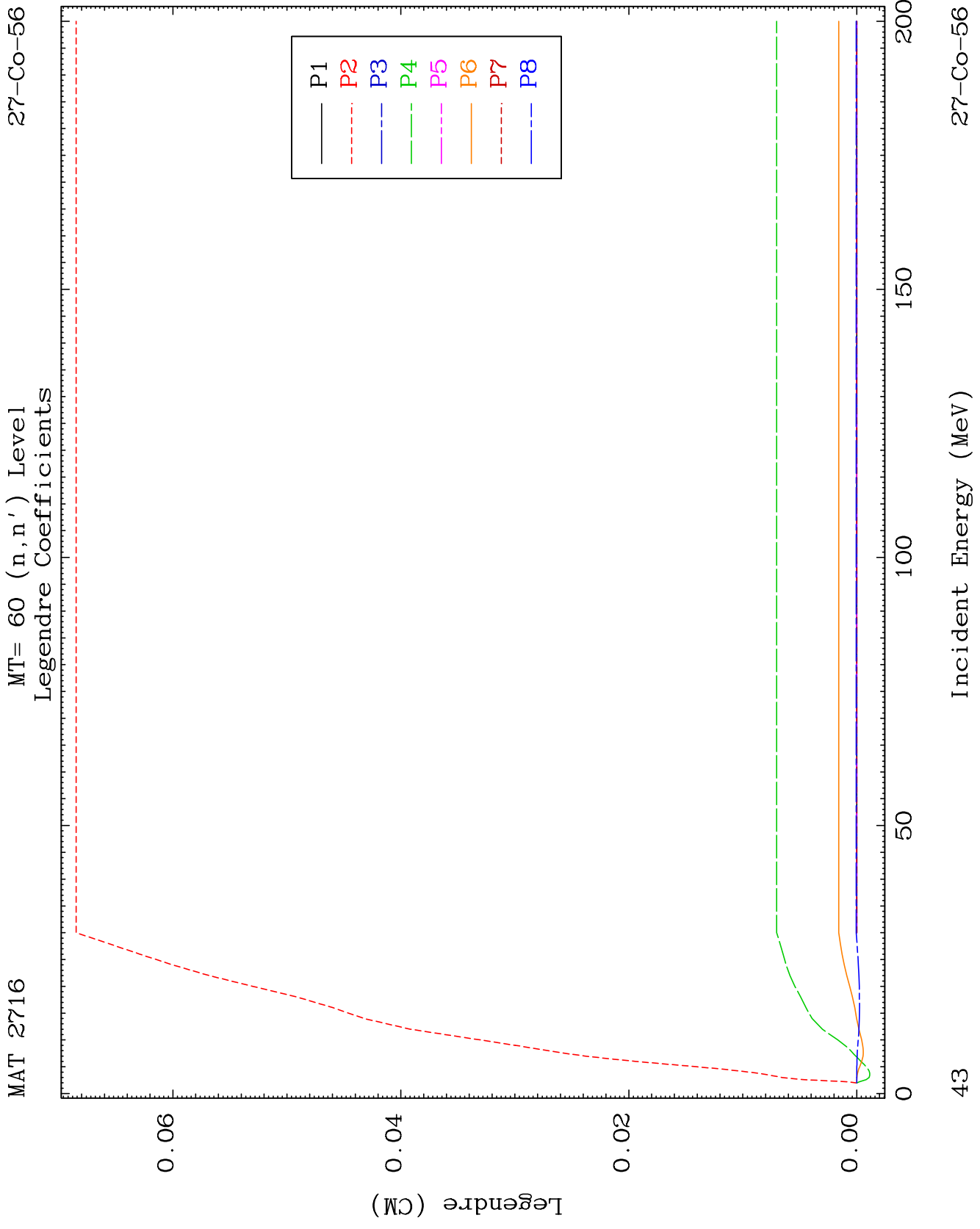
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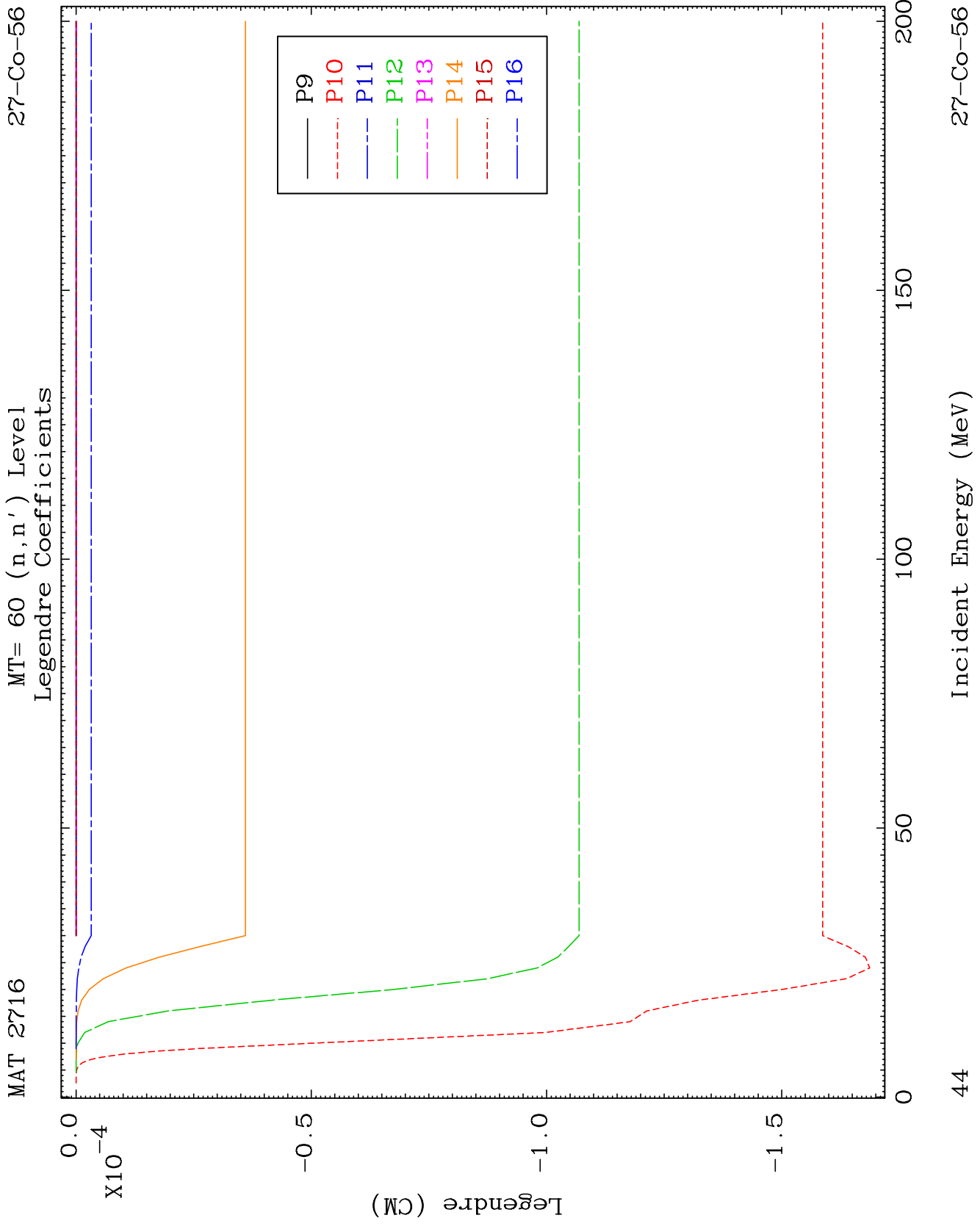


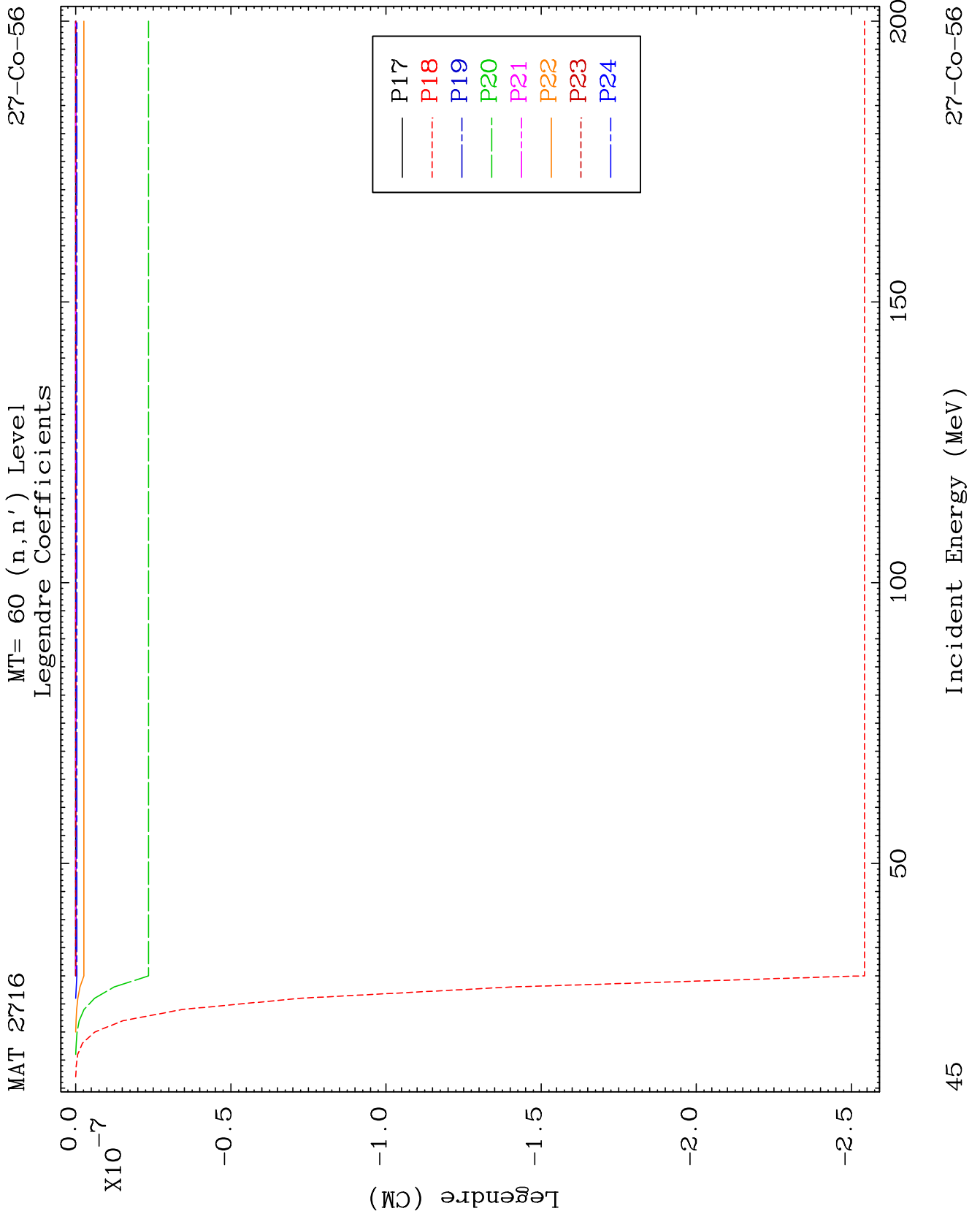
42

Incident Energy (MeV)

27-Co-56



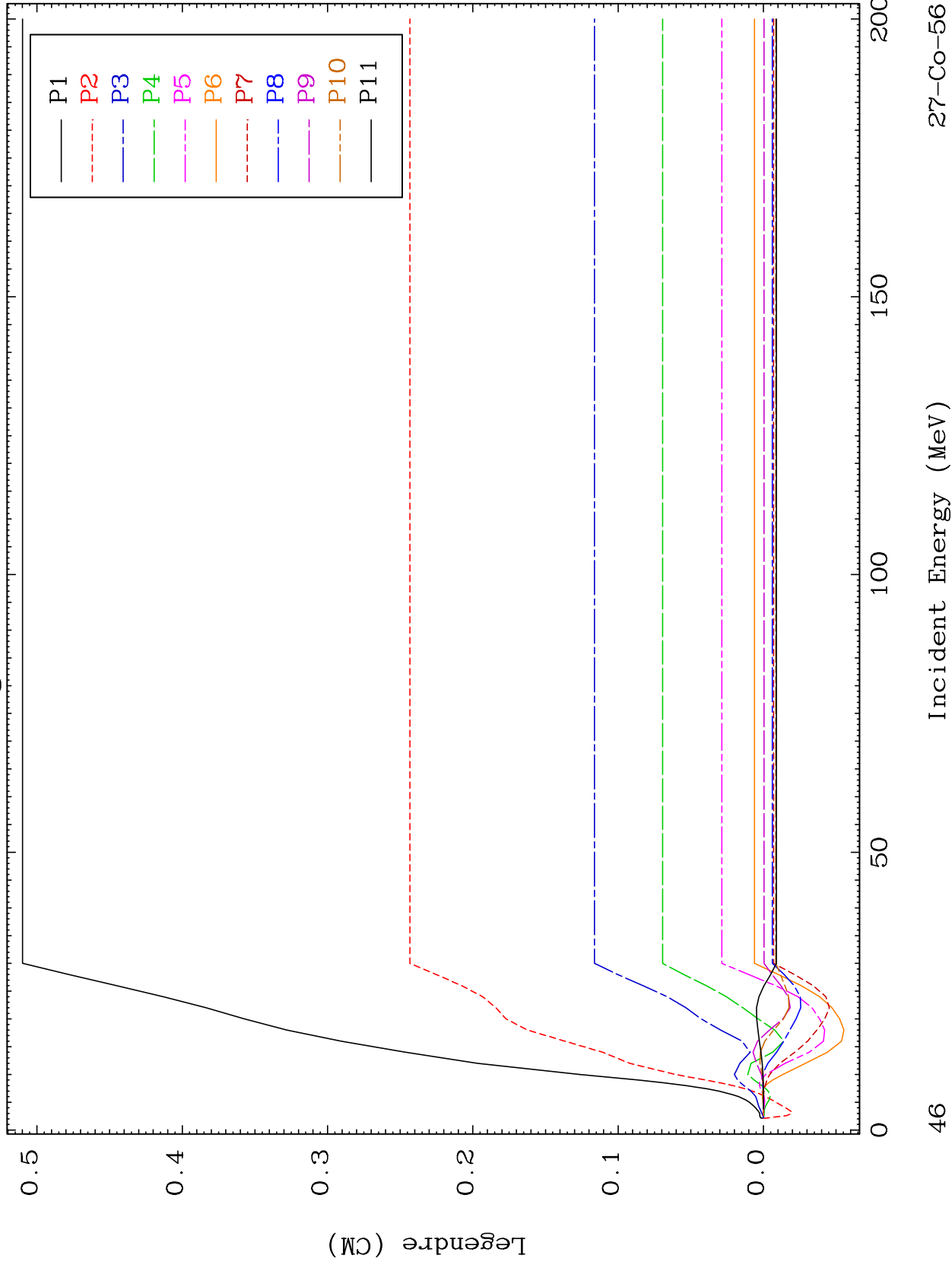


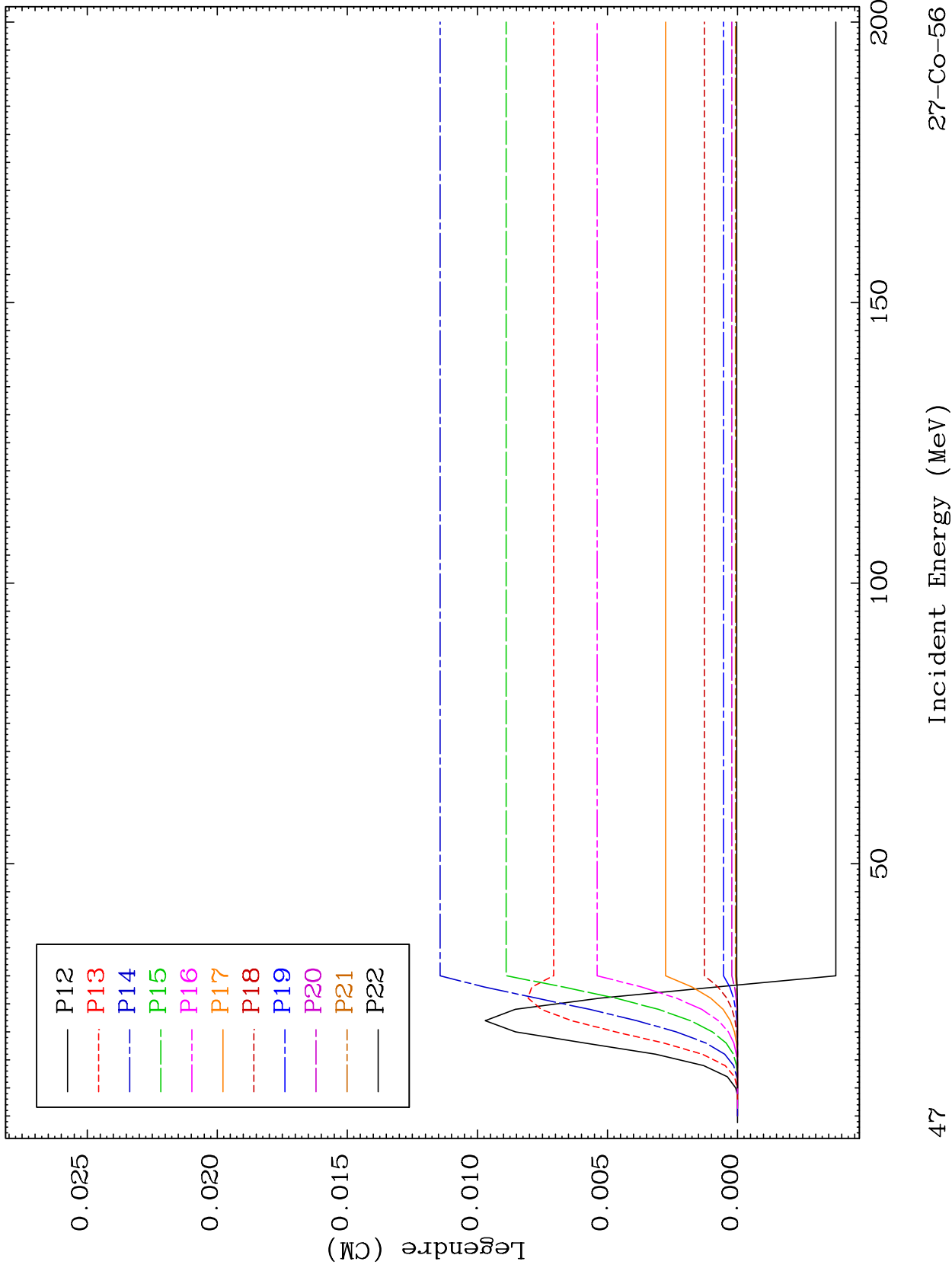


MAT 2716

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

27-Co-56

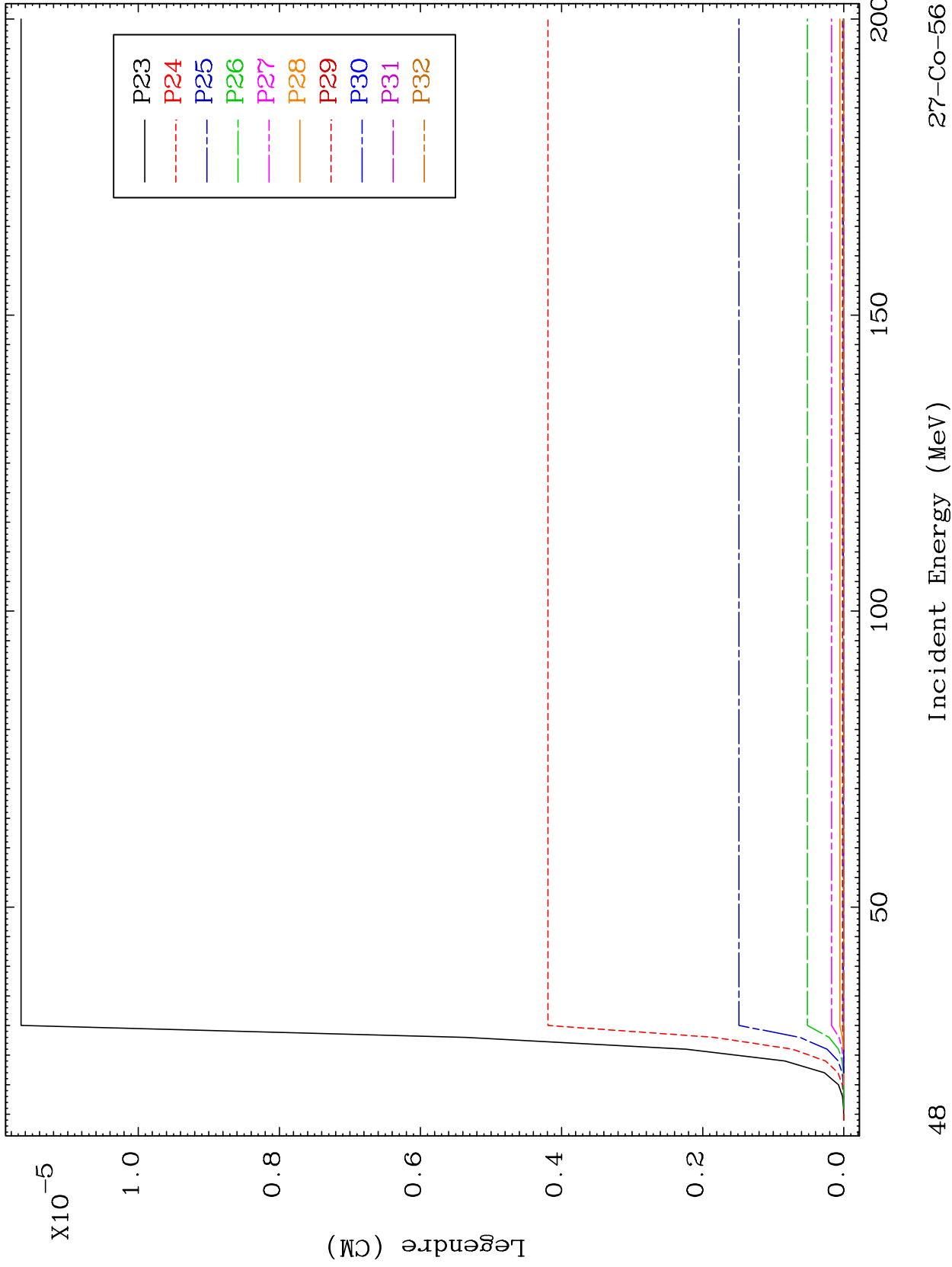




MAT 2716

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

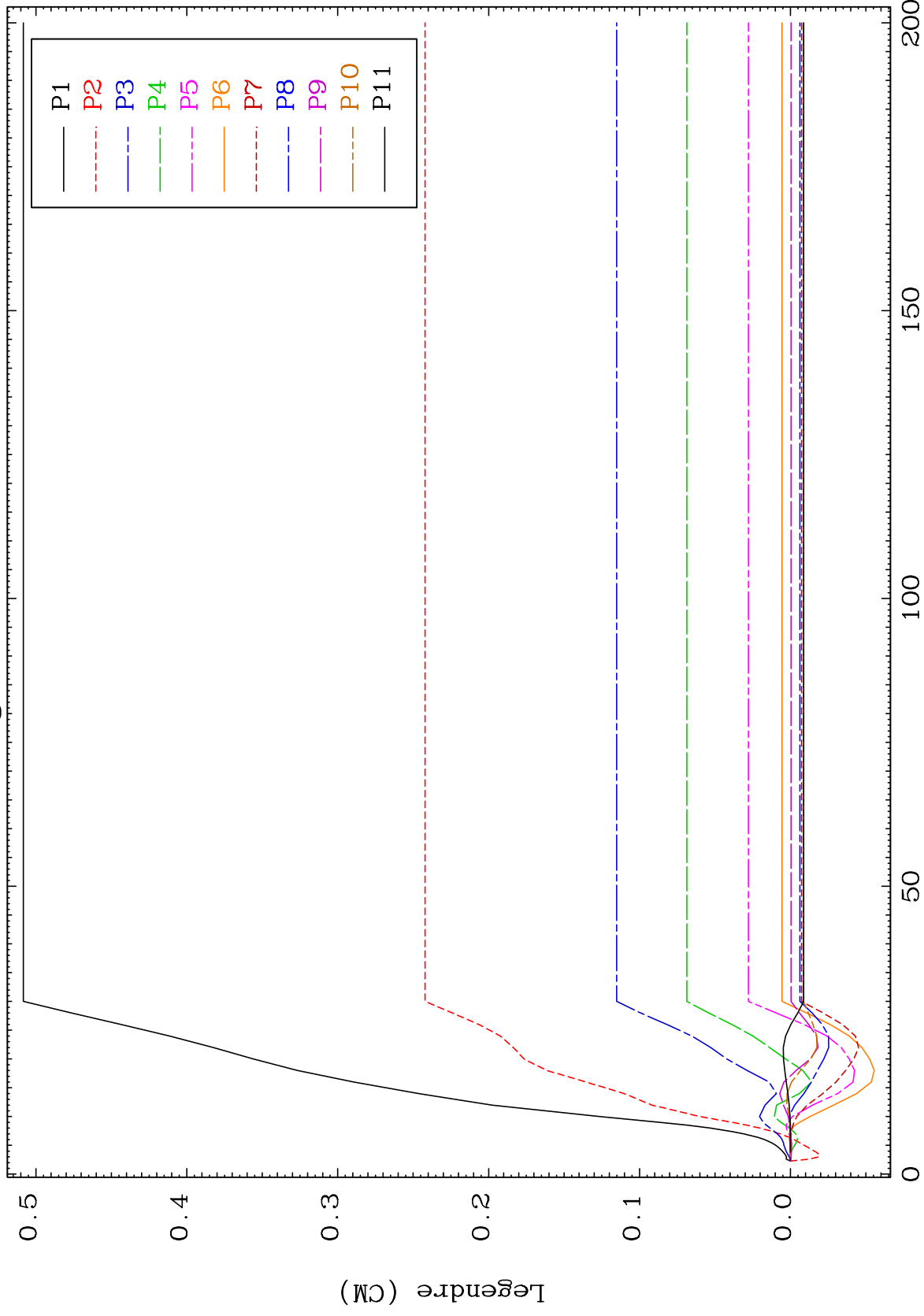
27-Co-56



MAT 2716

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

27-Co-56



49

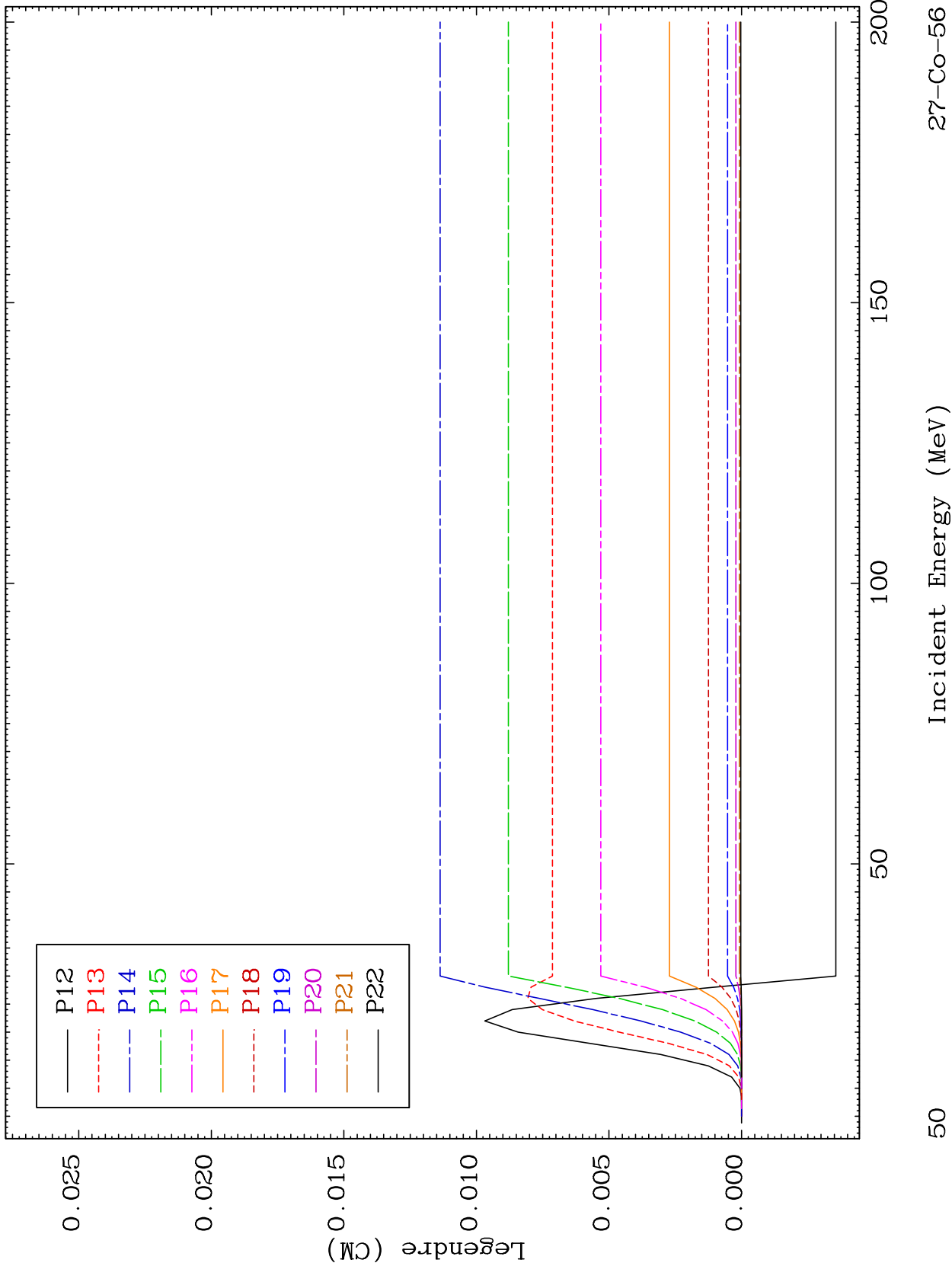
Incident Energy (MeV)

27-Co-56

MAT 2716

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

27-Co-56



50

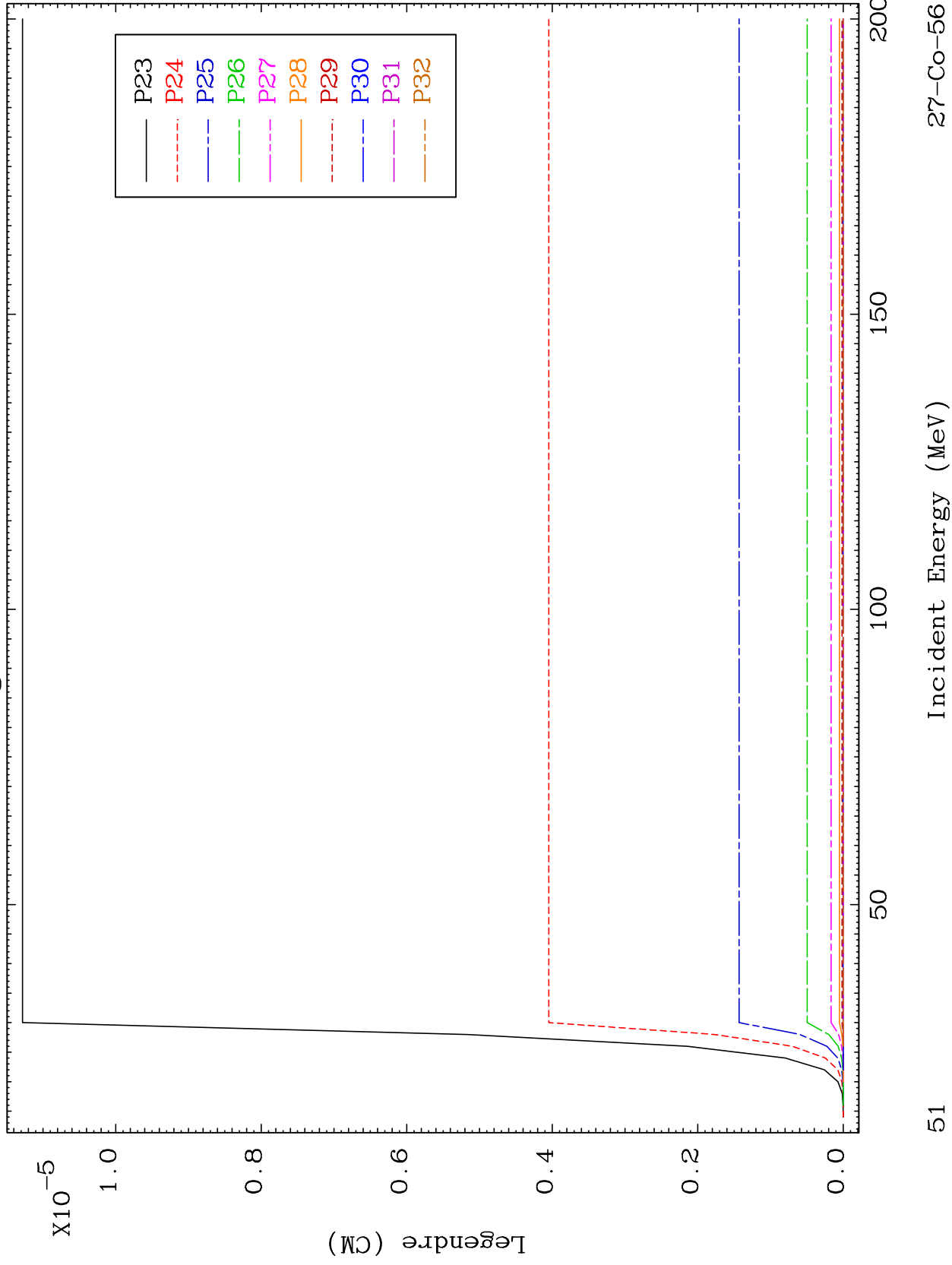
Incident Energy (MeV)

27-Co-56

MAT 2716

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

27-Co-56



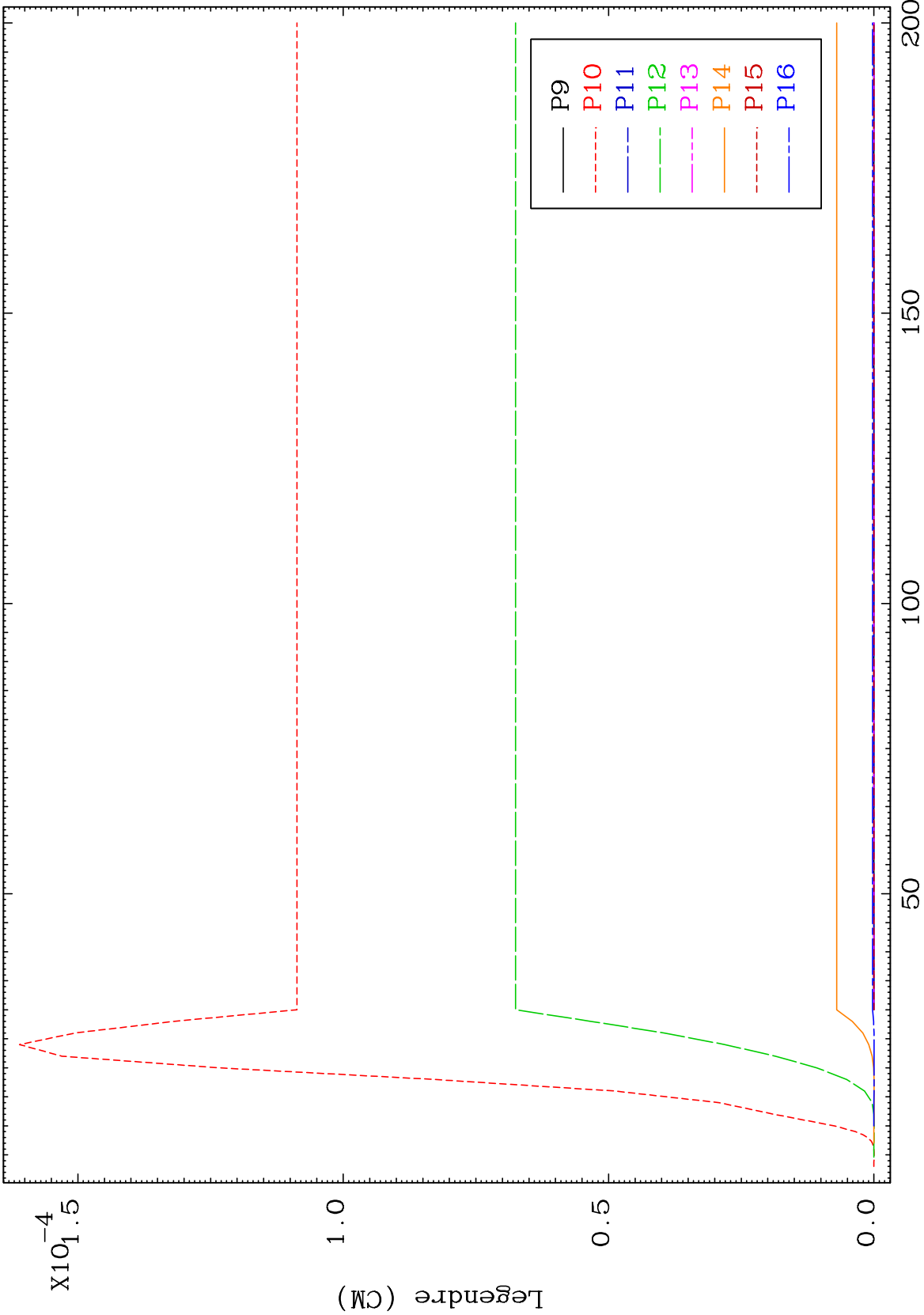
51

27-Co-56

MAT 2716

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

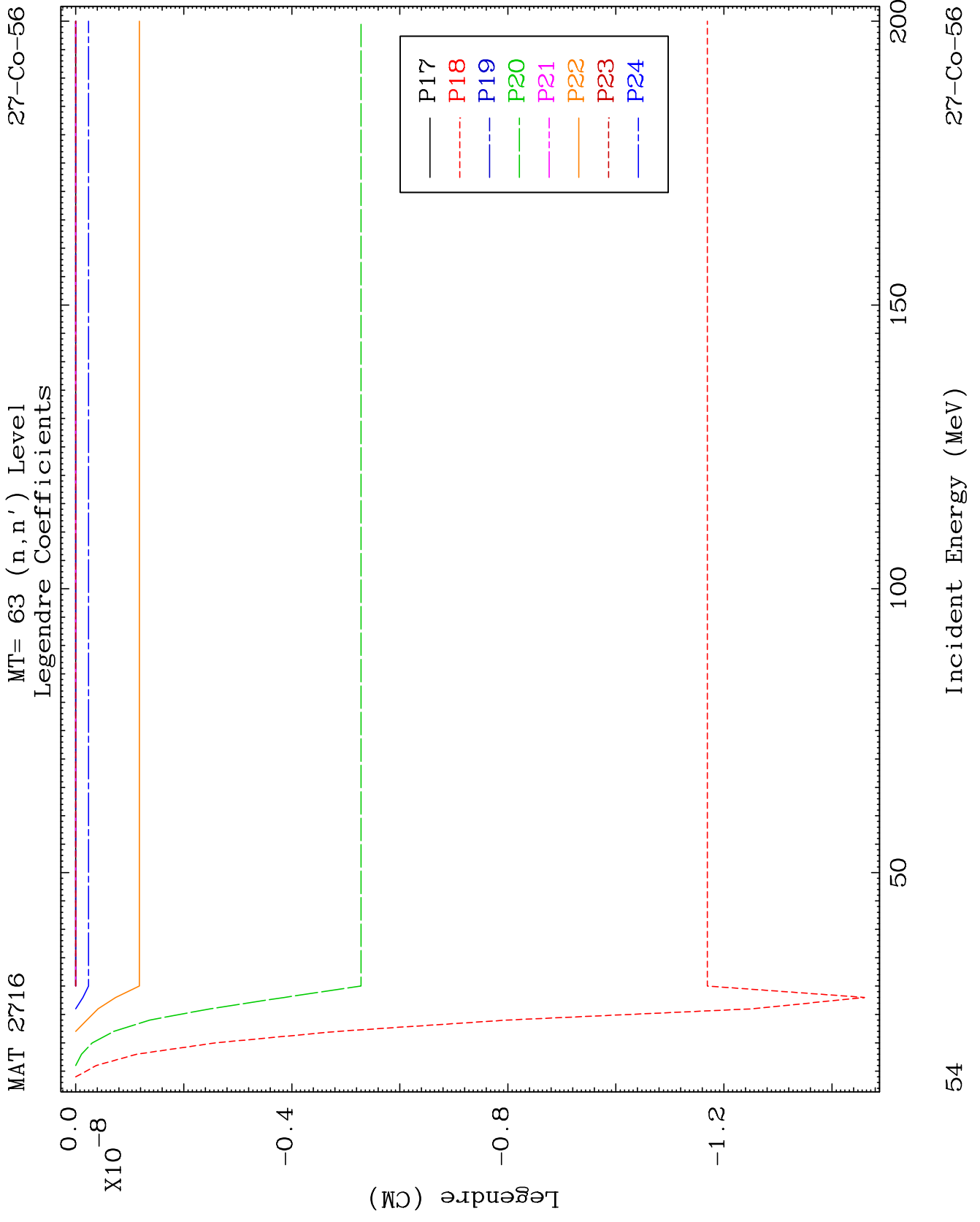
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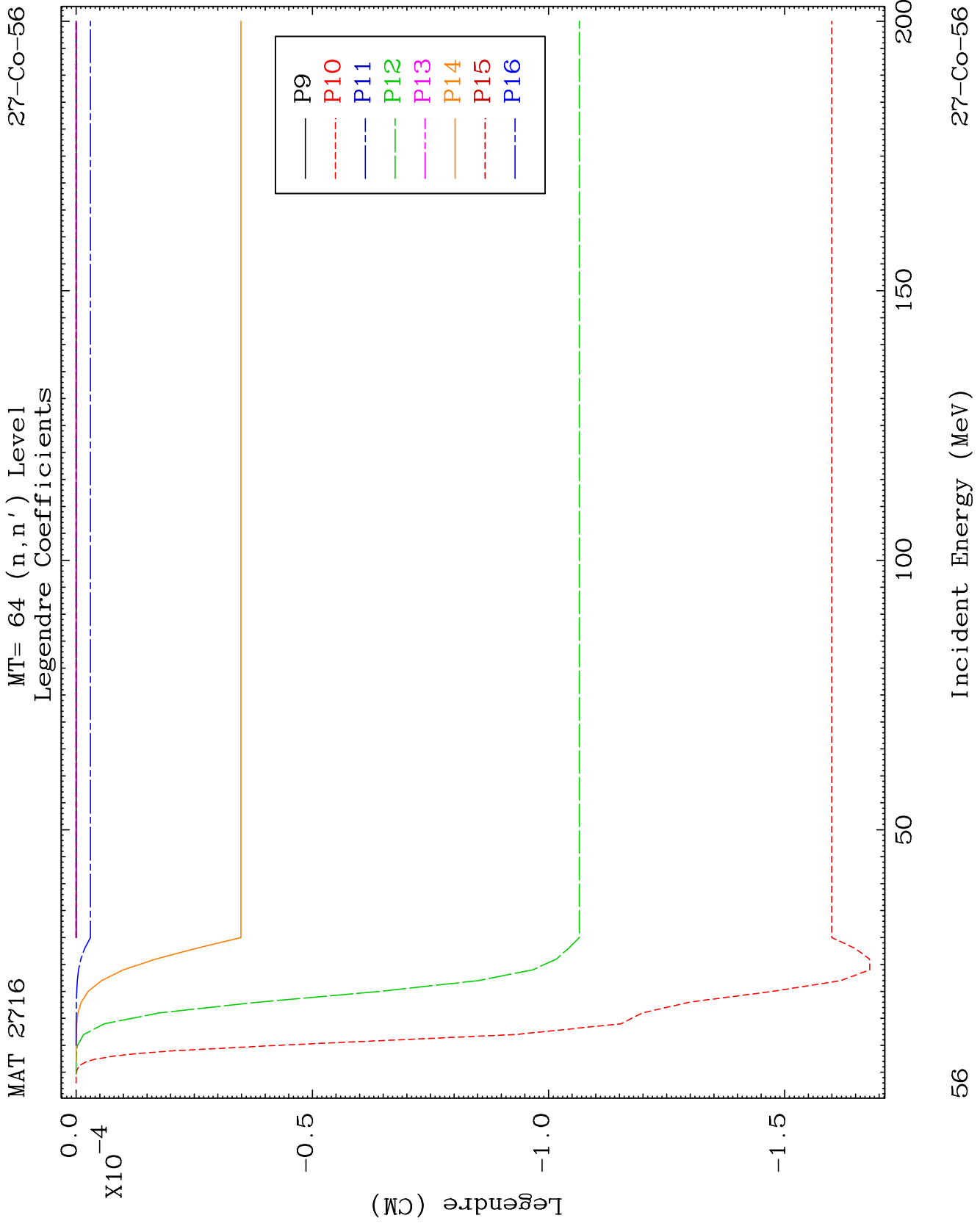


53

Incident Energy (MeV)

27-Co-56

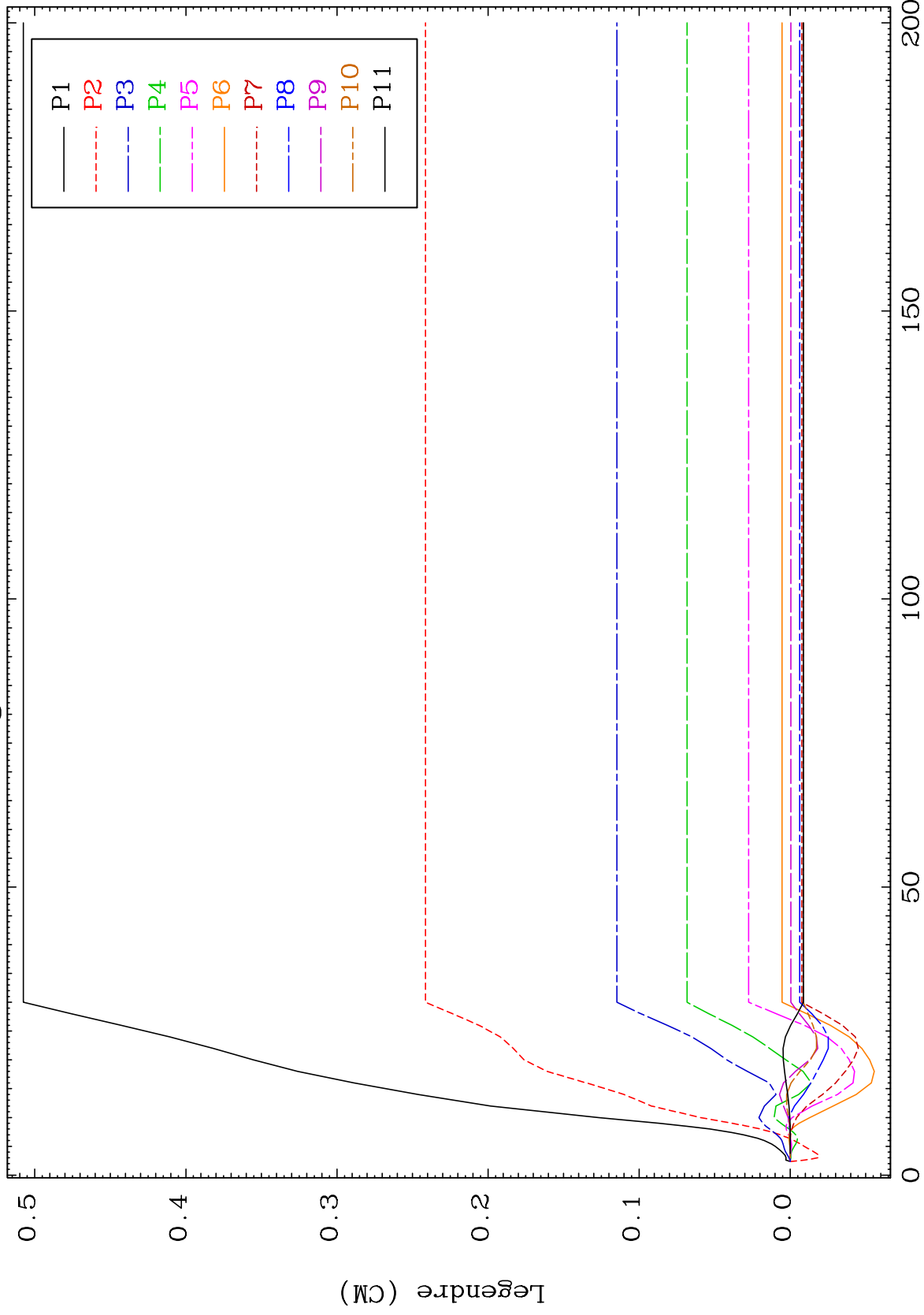




MAT 2716

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

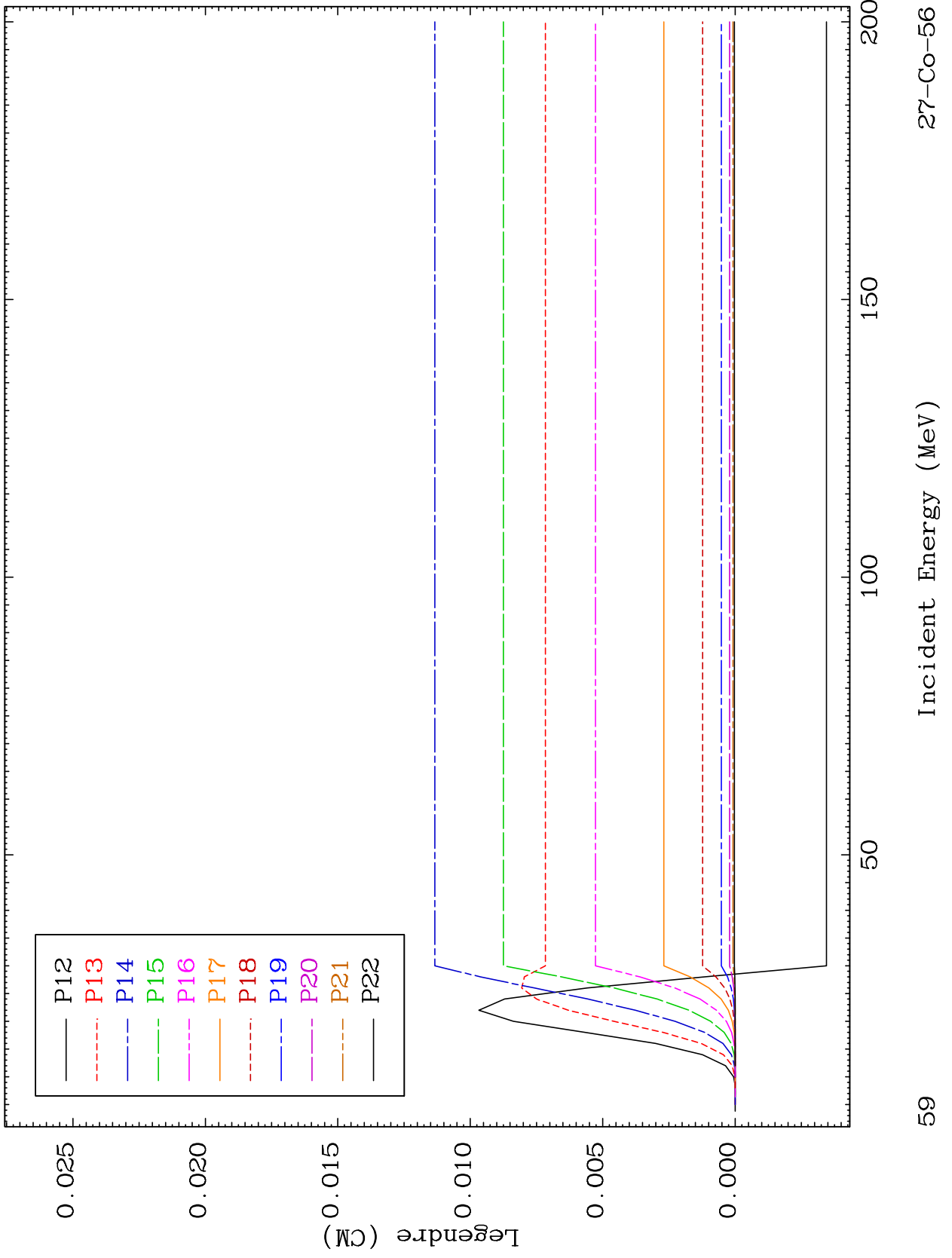
27-Co-56



58

Incident Energy (MeV)

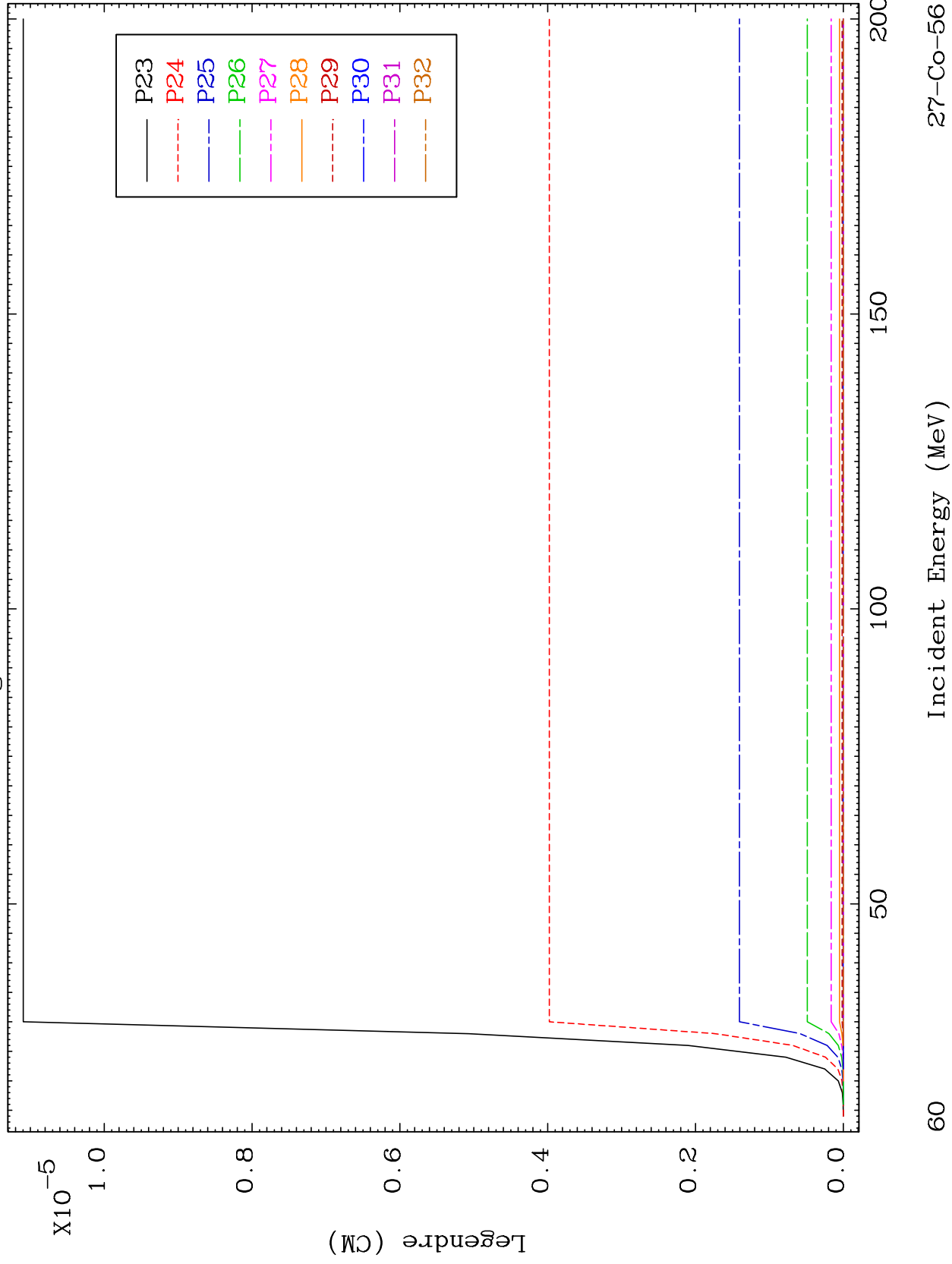
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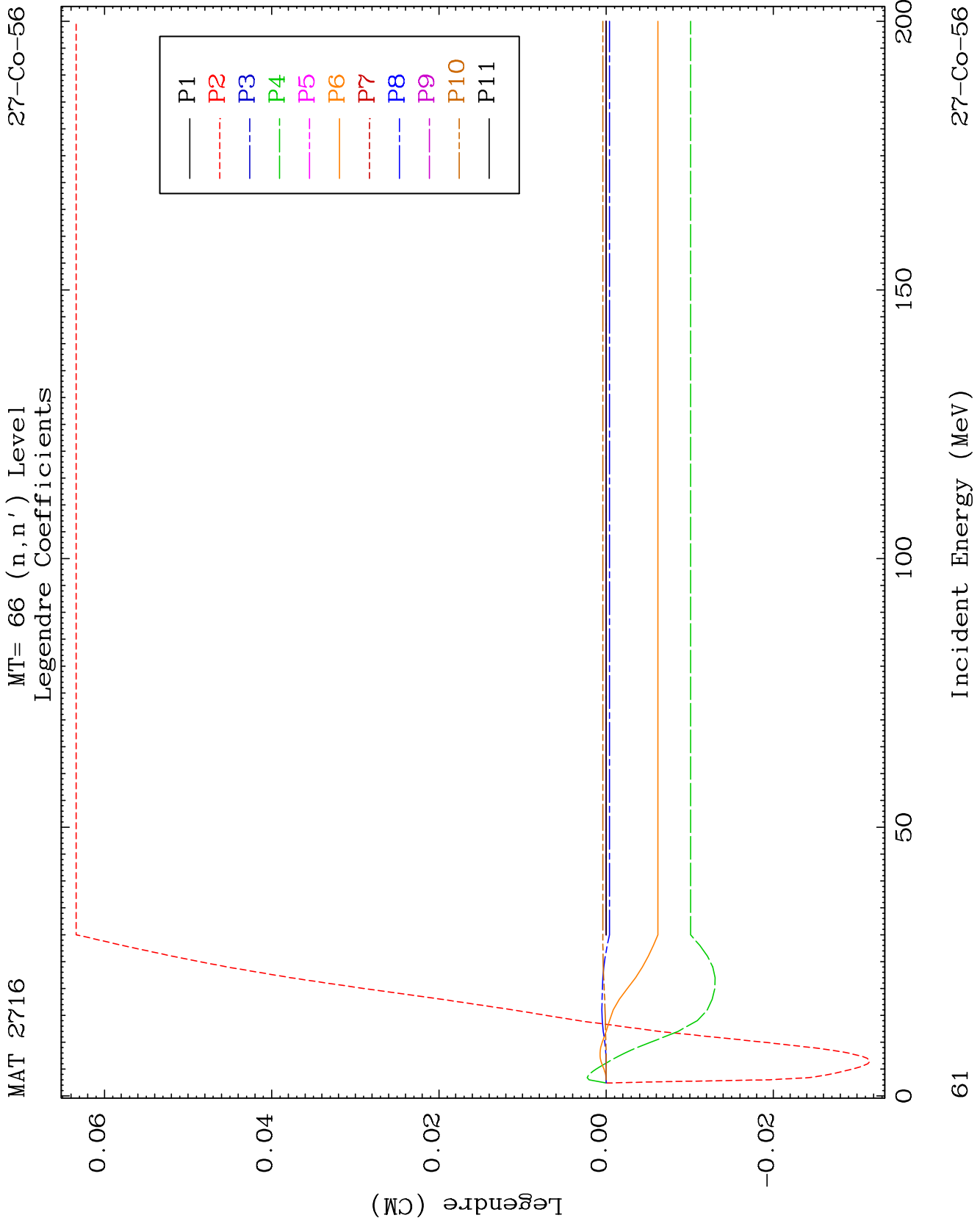


MAT 2716

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

27-Co-56

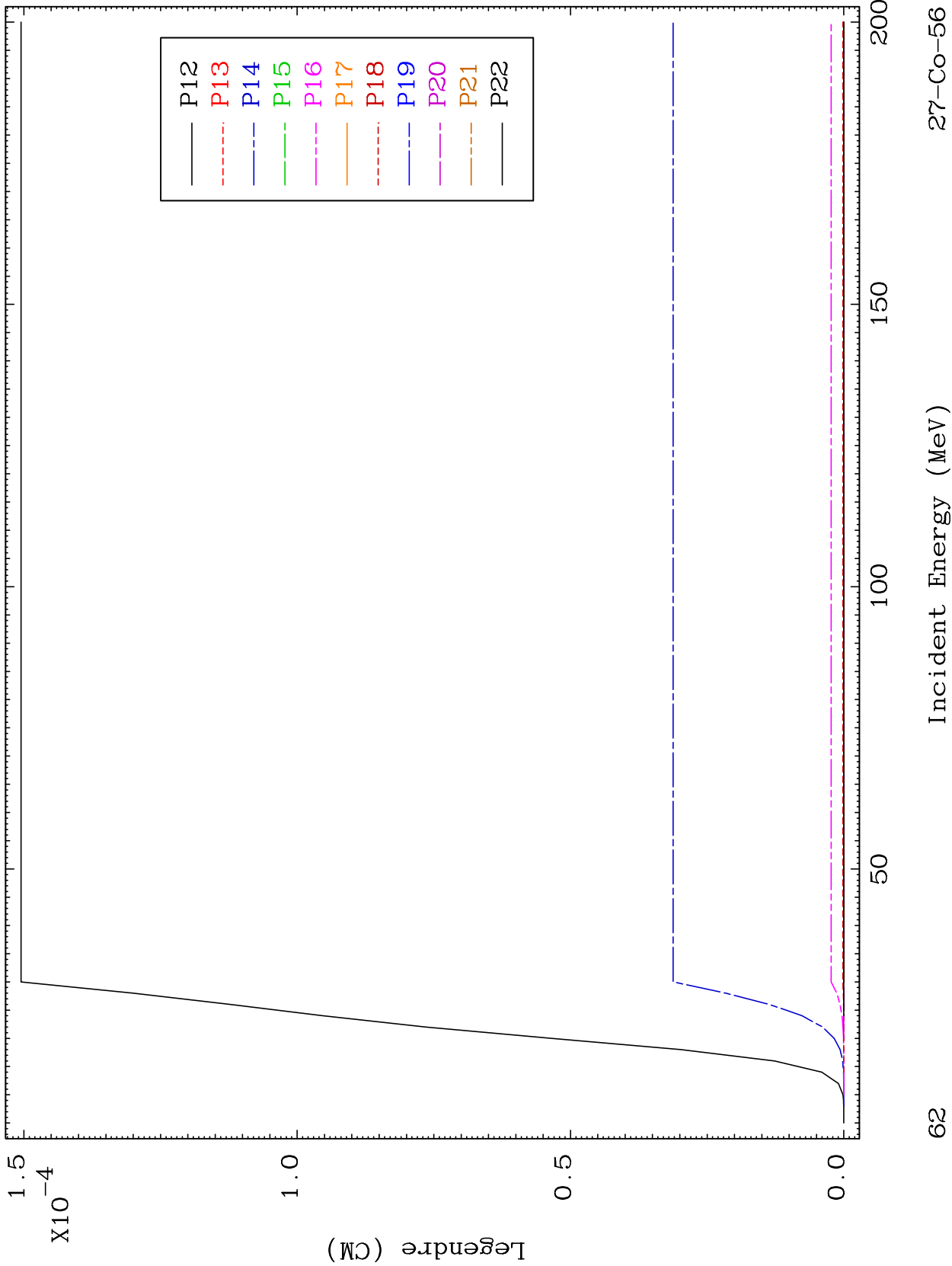




MAT 2716

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

27-Co-56



62

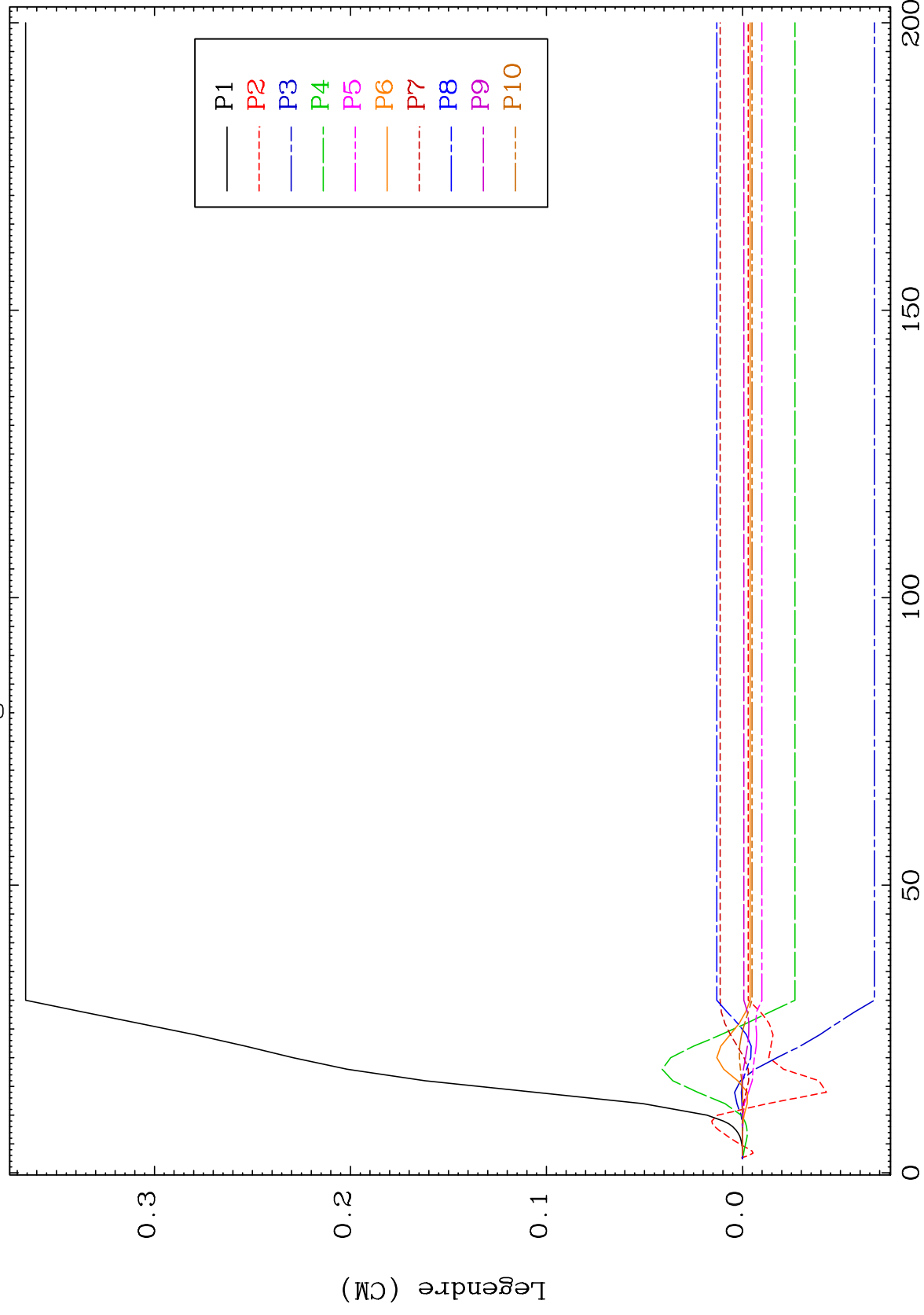
Incident Energy (MeV)

27-Co-56

MAT 2716

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

27-Co-56



63

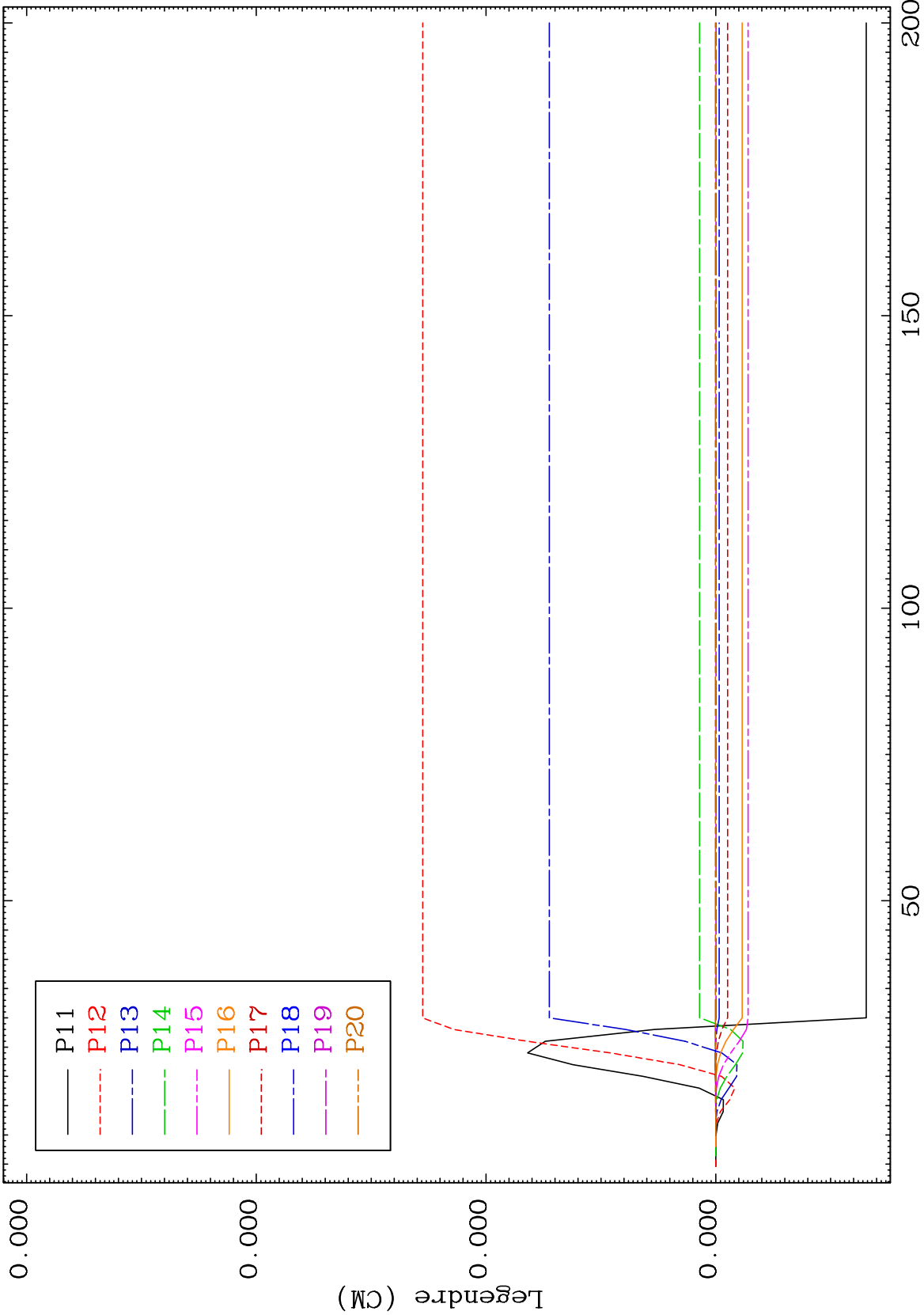
Incident Energy (MeV)

27-Co-56

MAT 2716

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

27-Co-56



64

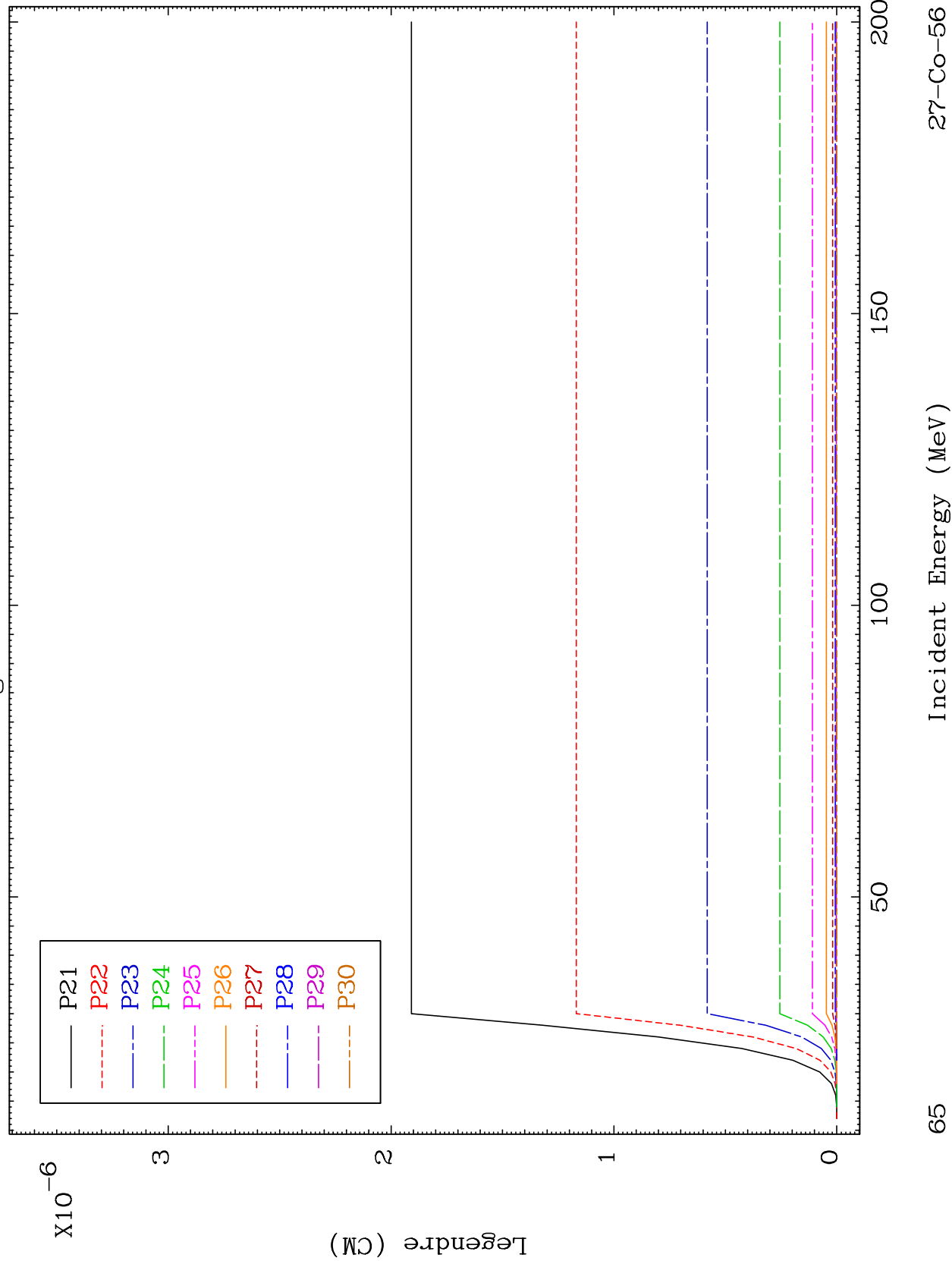
Incident Energy (MeV)

27-Co-56

MAT 2716

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

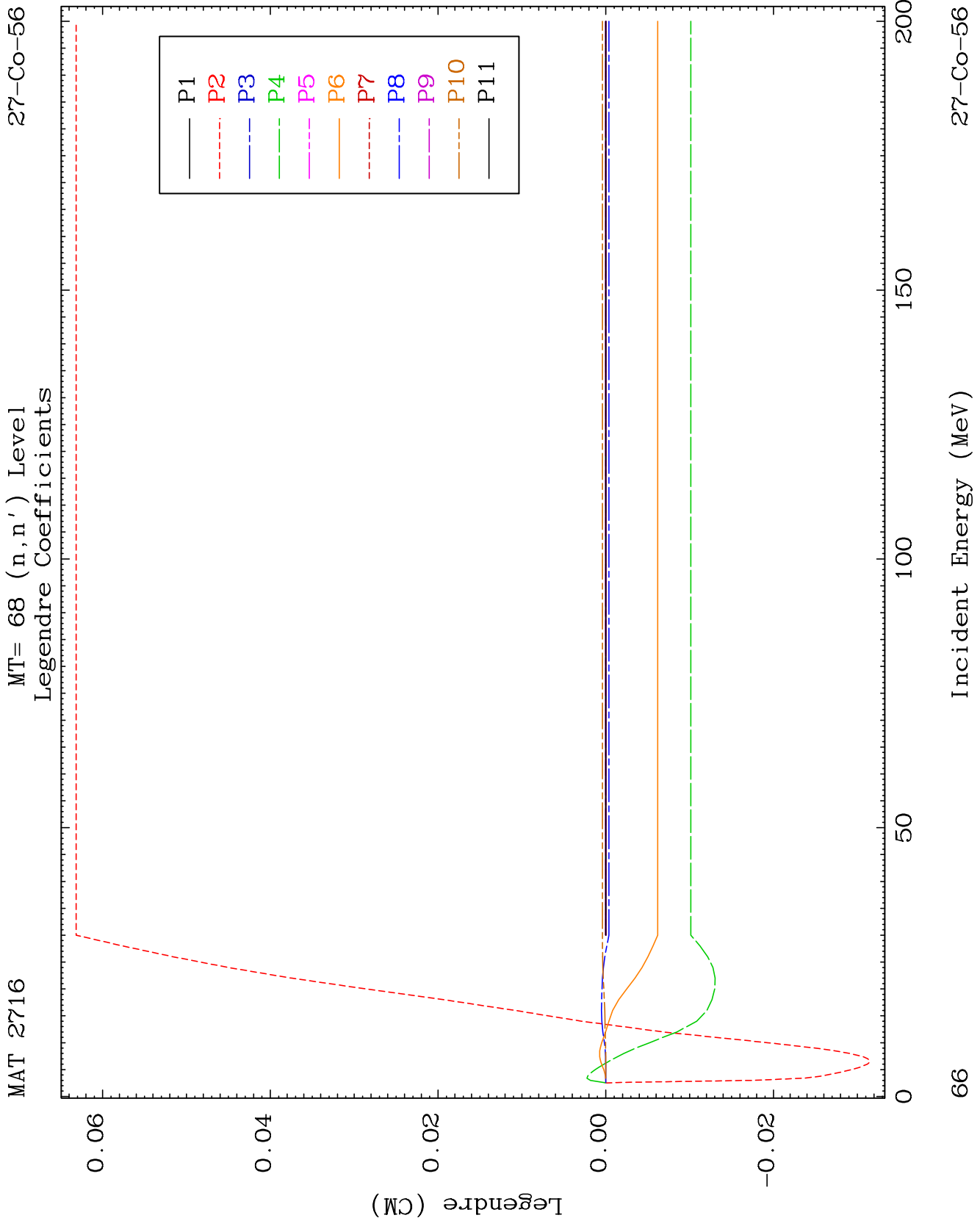
27-Co-56



65

Incident Energy (MeV)

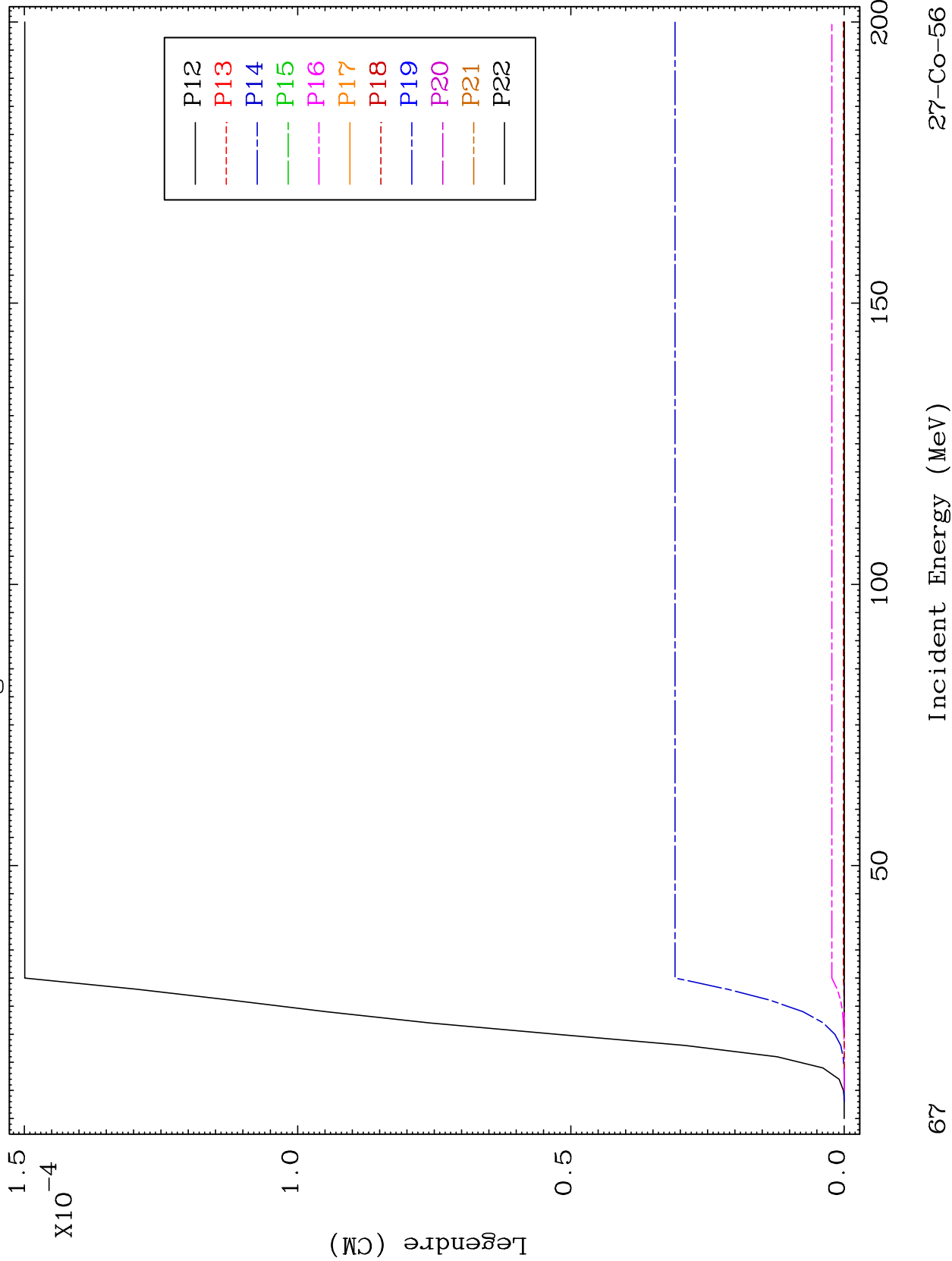
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MAT 2716

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

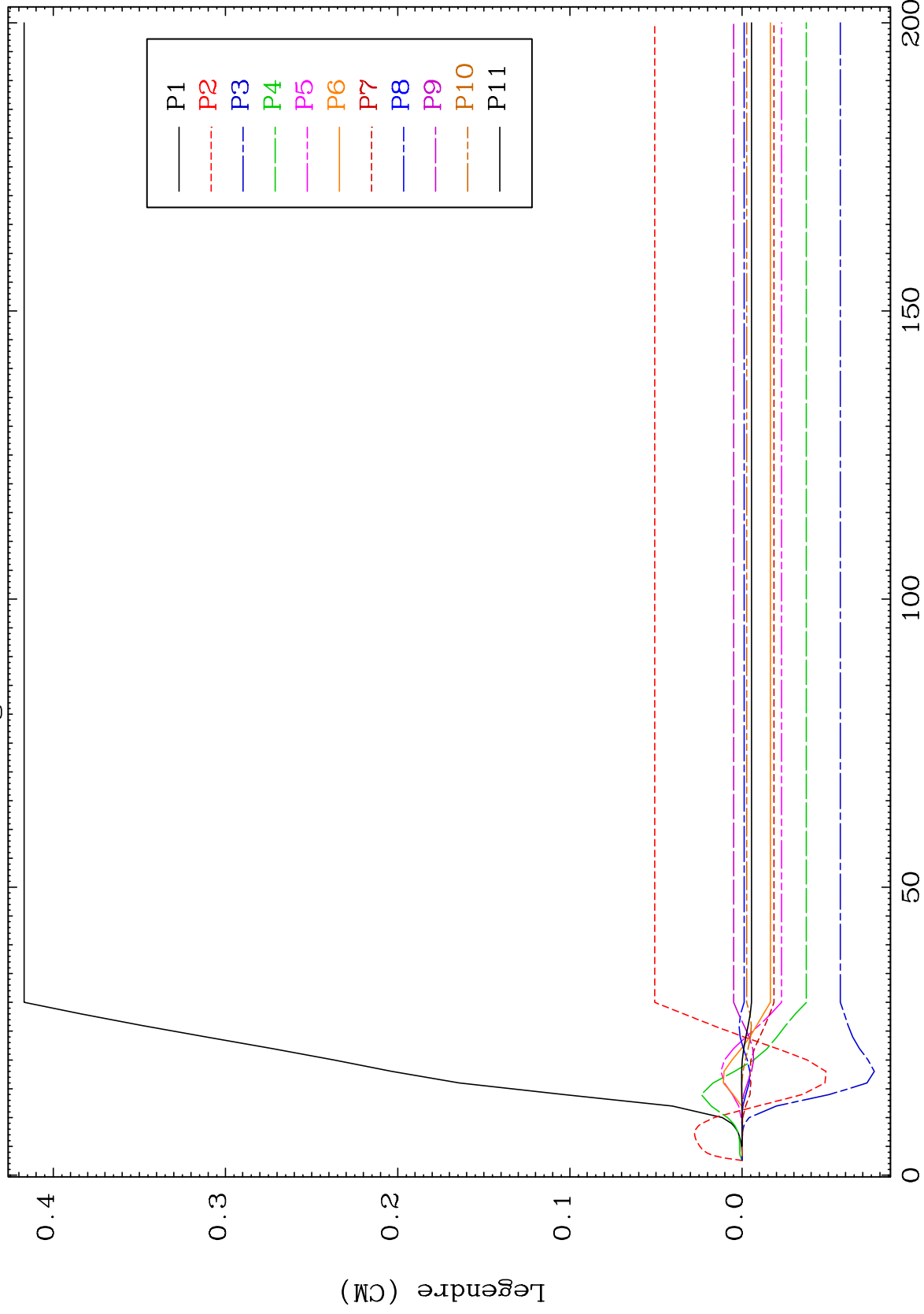
27-Co-56



MAT 2716

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

27-Co-56



68

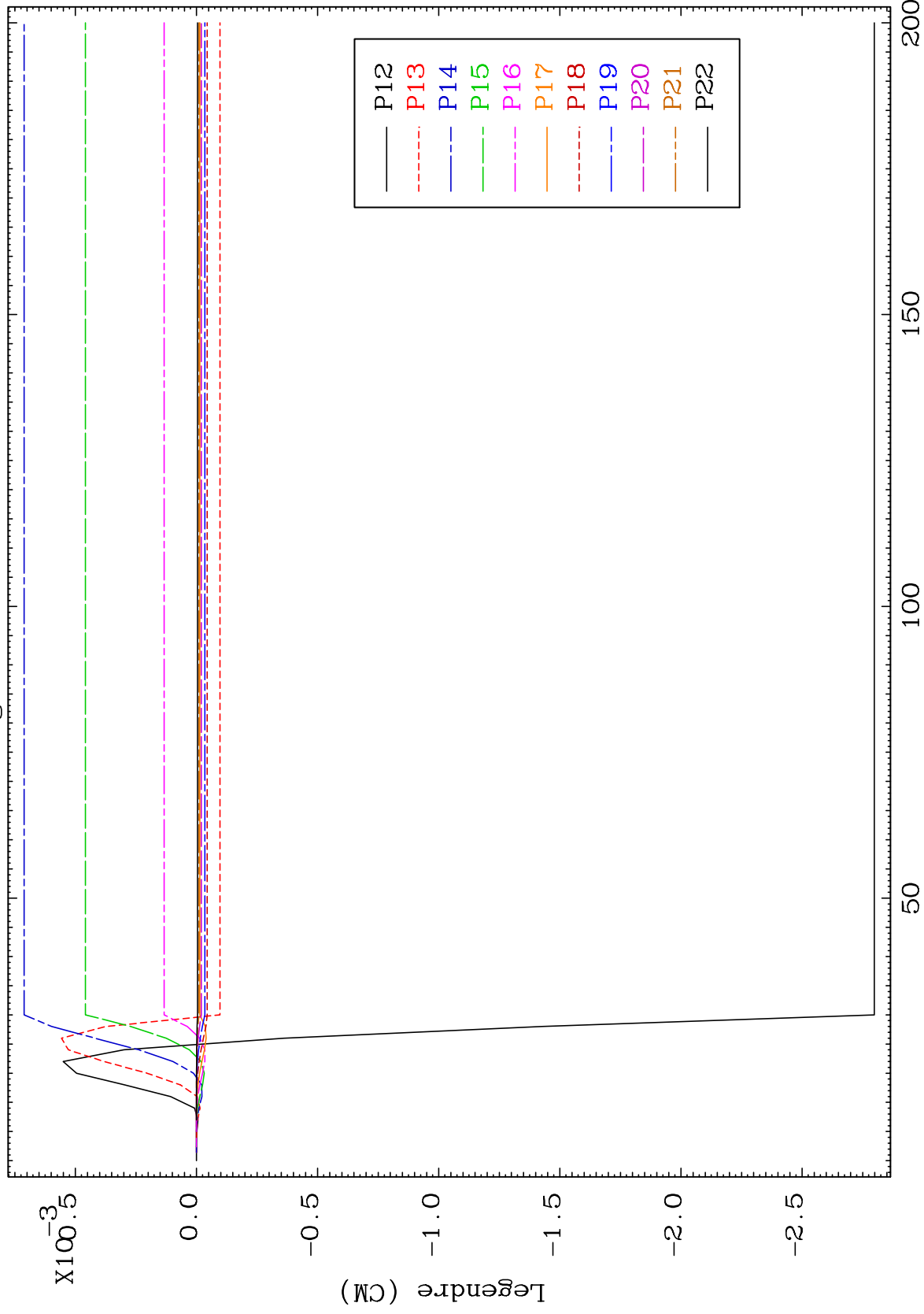
Incident Energy (MeV)

27-Co-56

MAT 2716

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

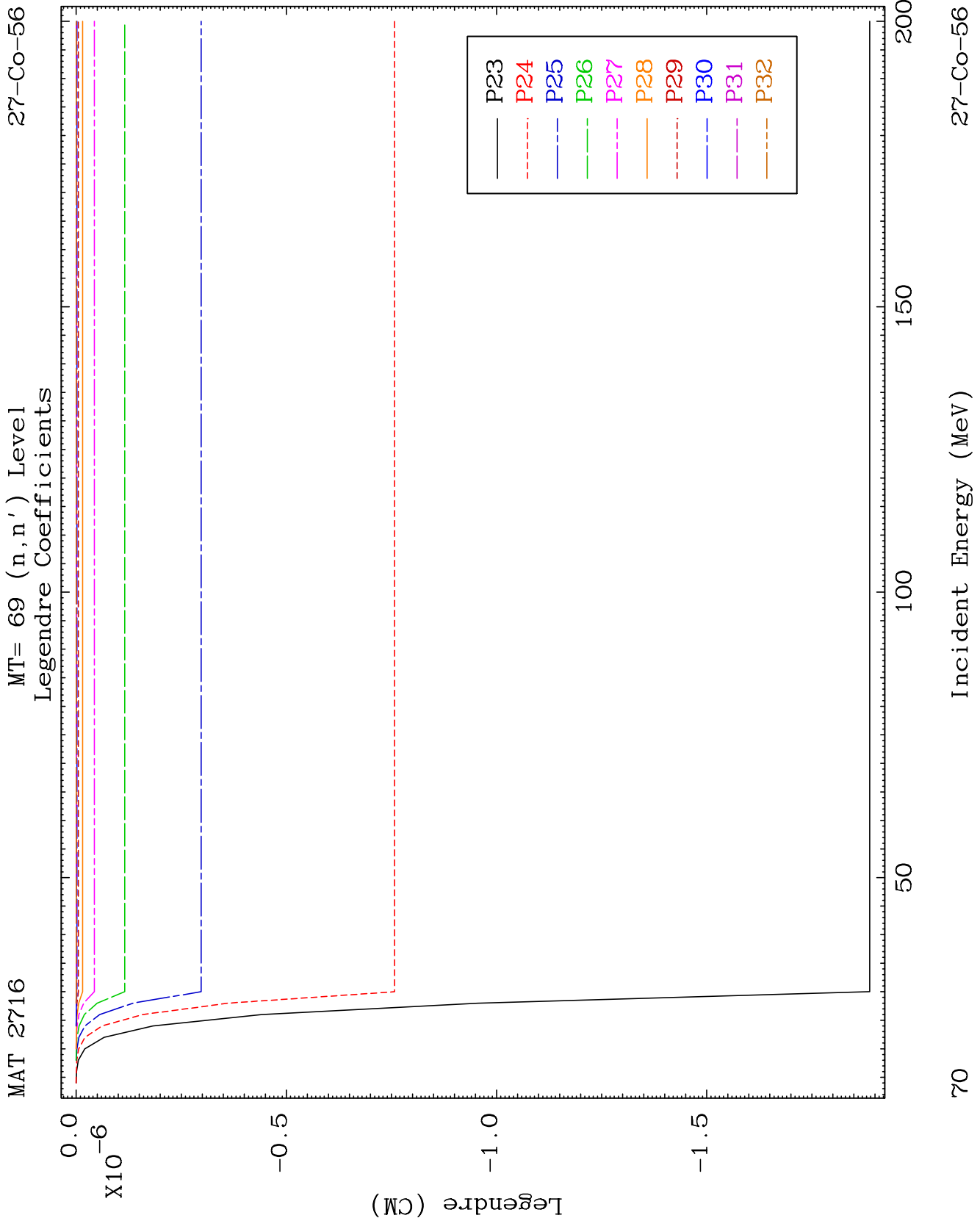
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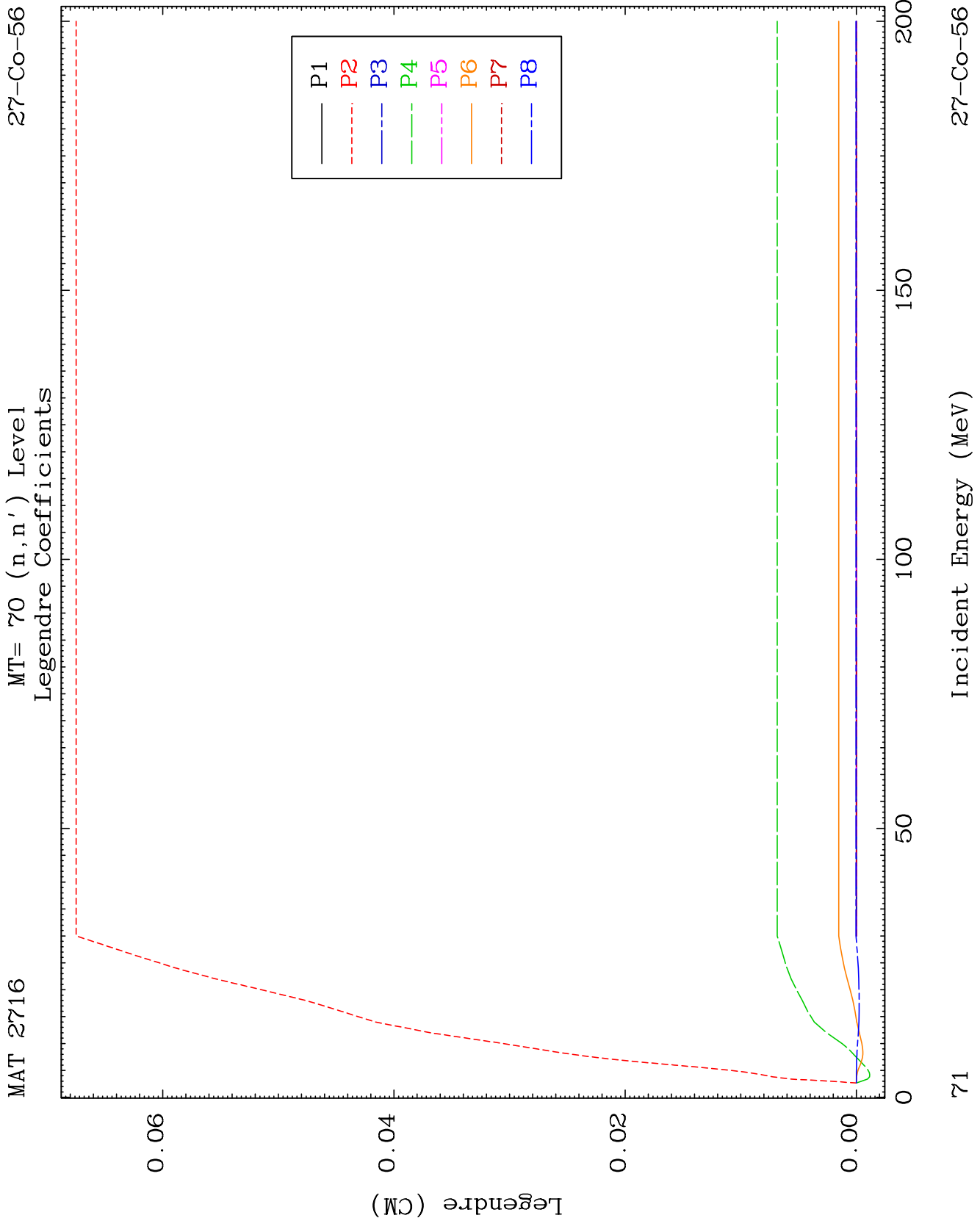


69

Incident Energy (MeV)

27-Co-56

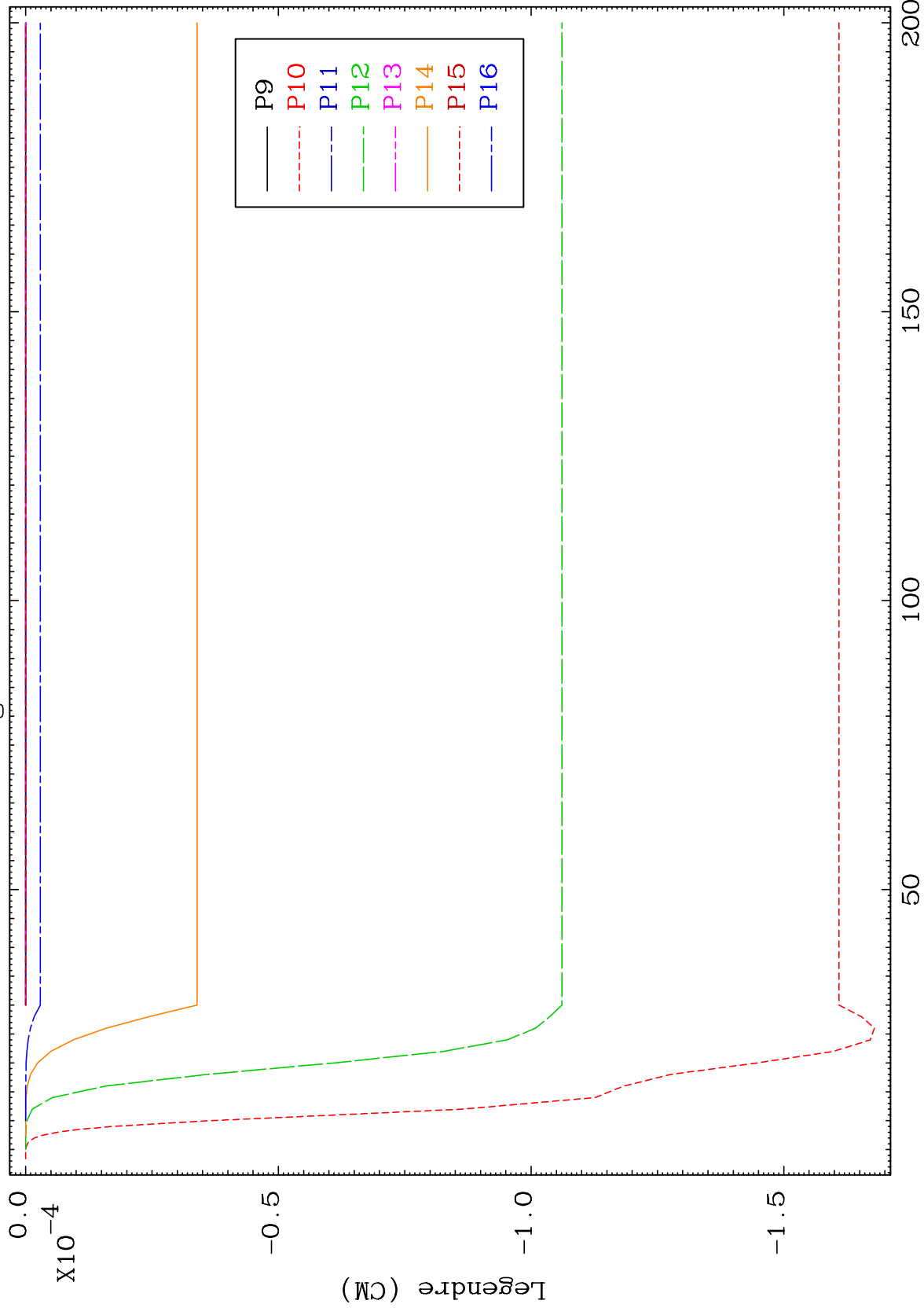




MAT 2716

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

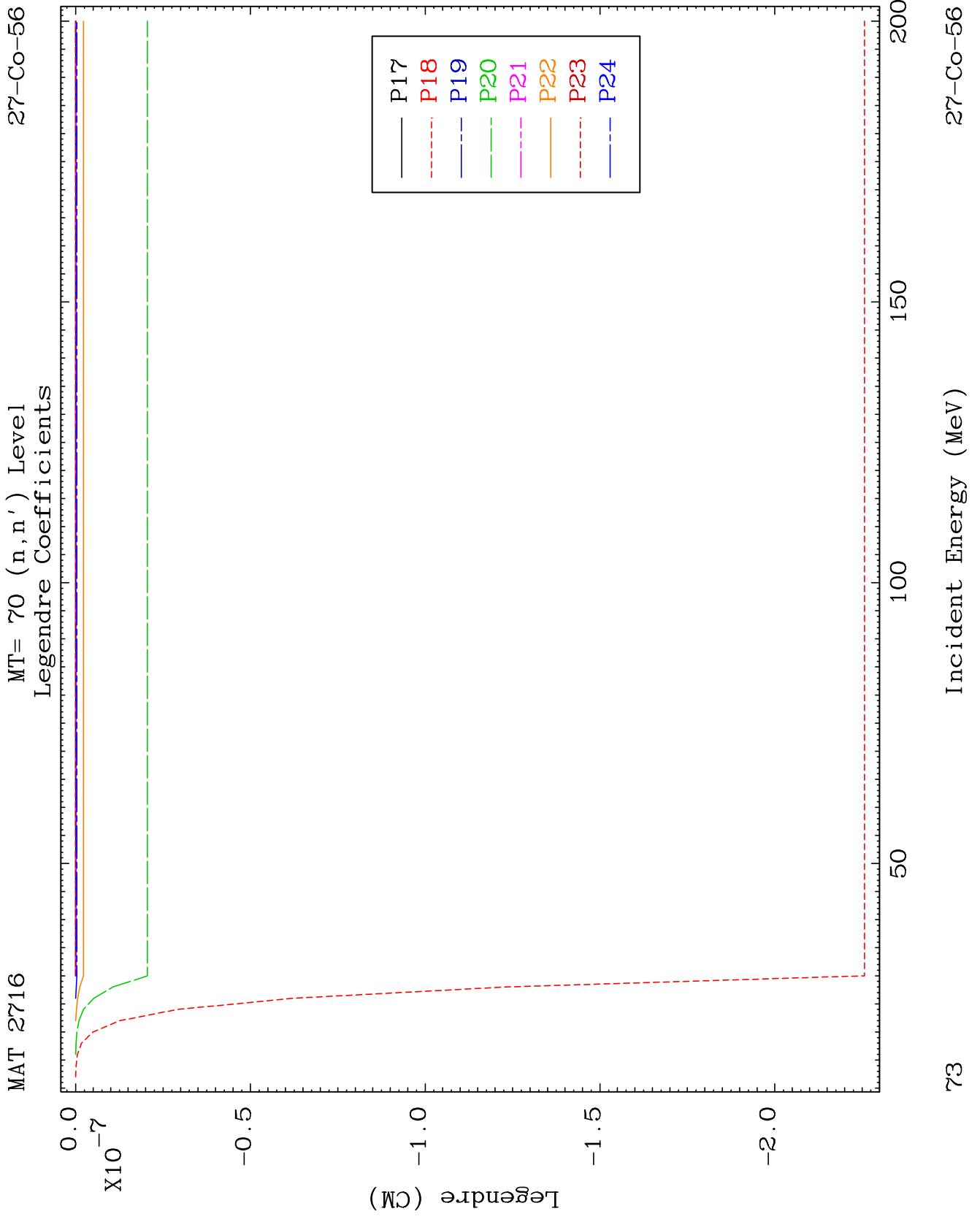
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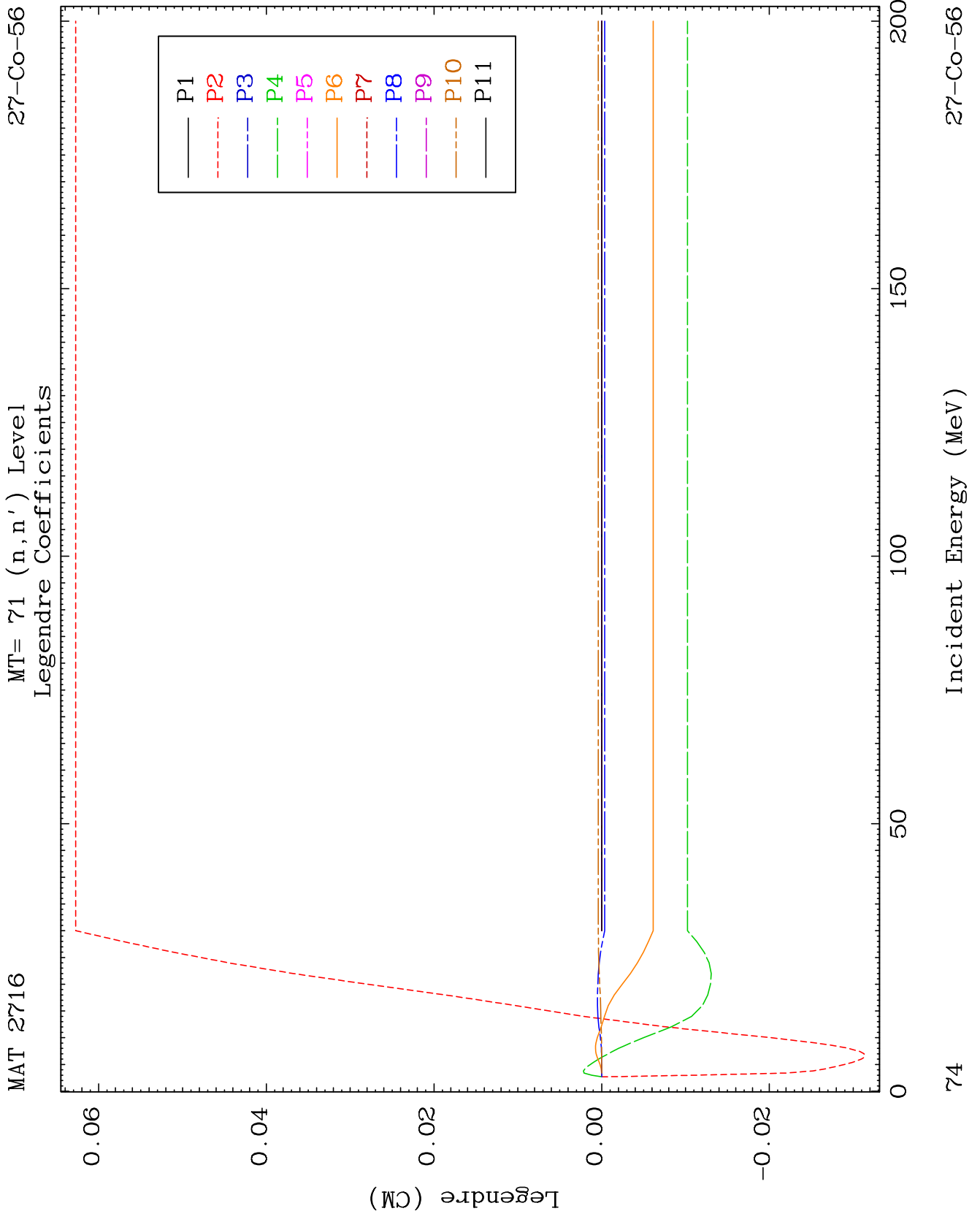


27-Co-56

Incident Energy (MeV)

72

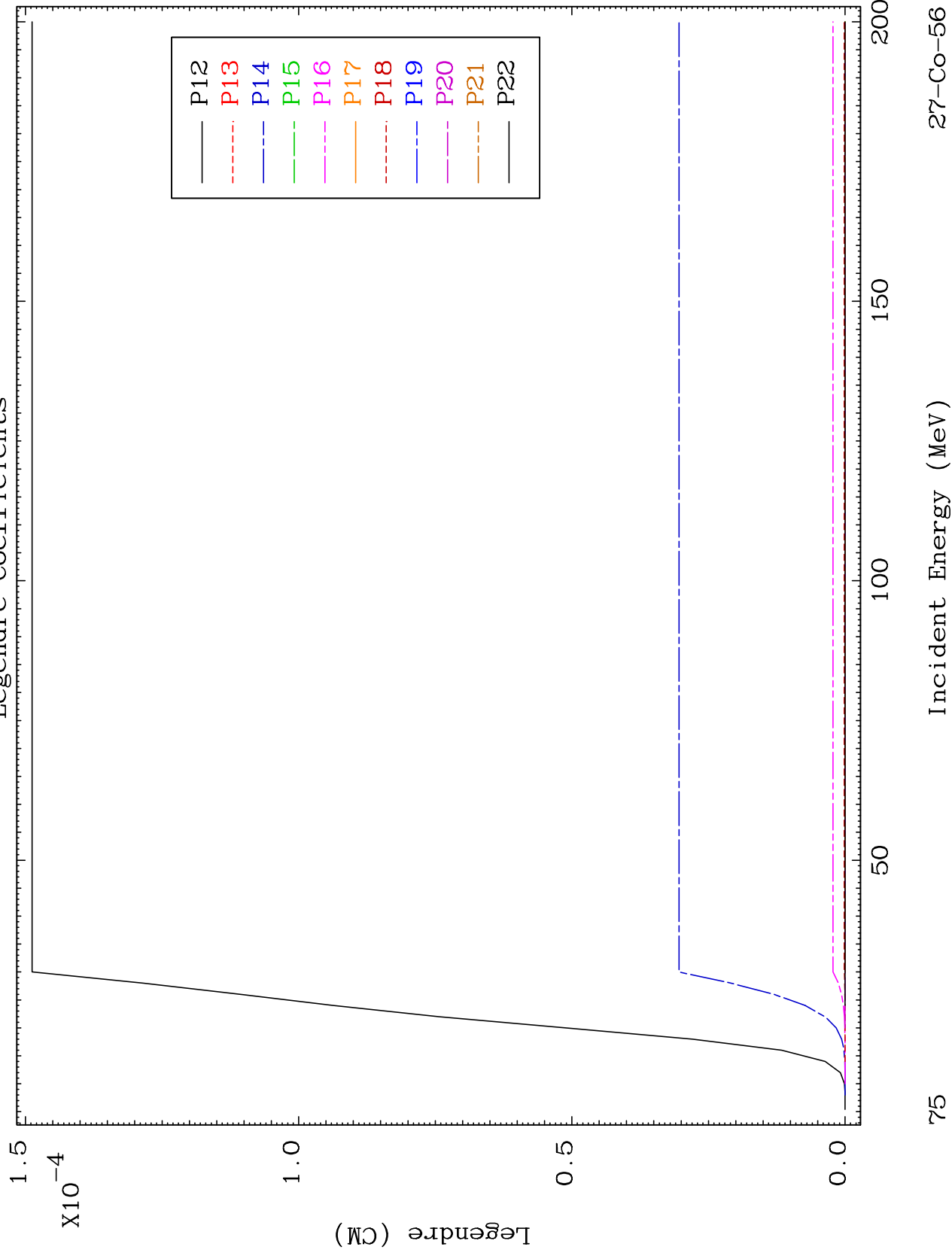




MAT 2716

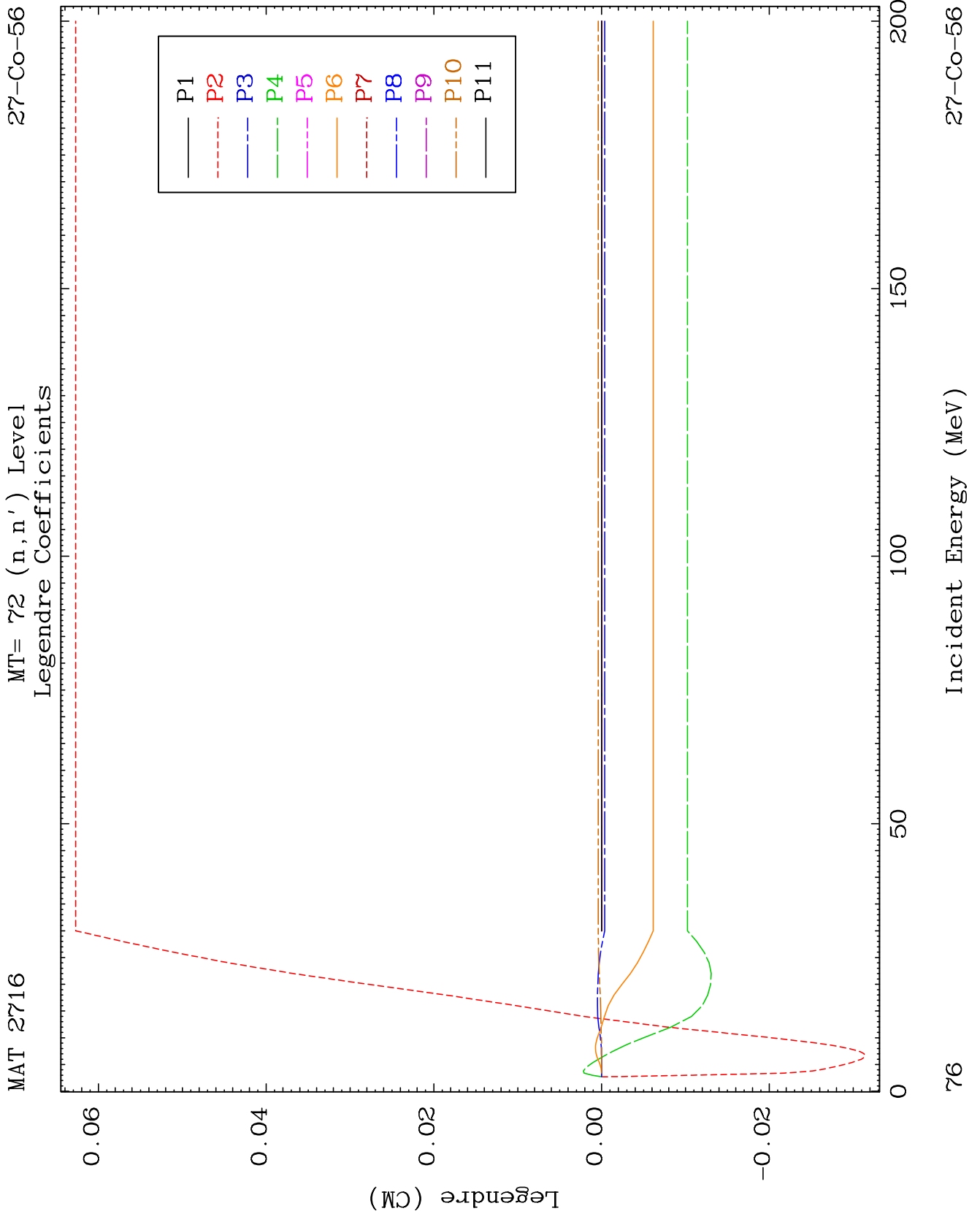
MT= 71 (n,n') Level
Legendre Coefficients

27-Co-56



75

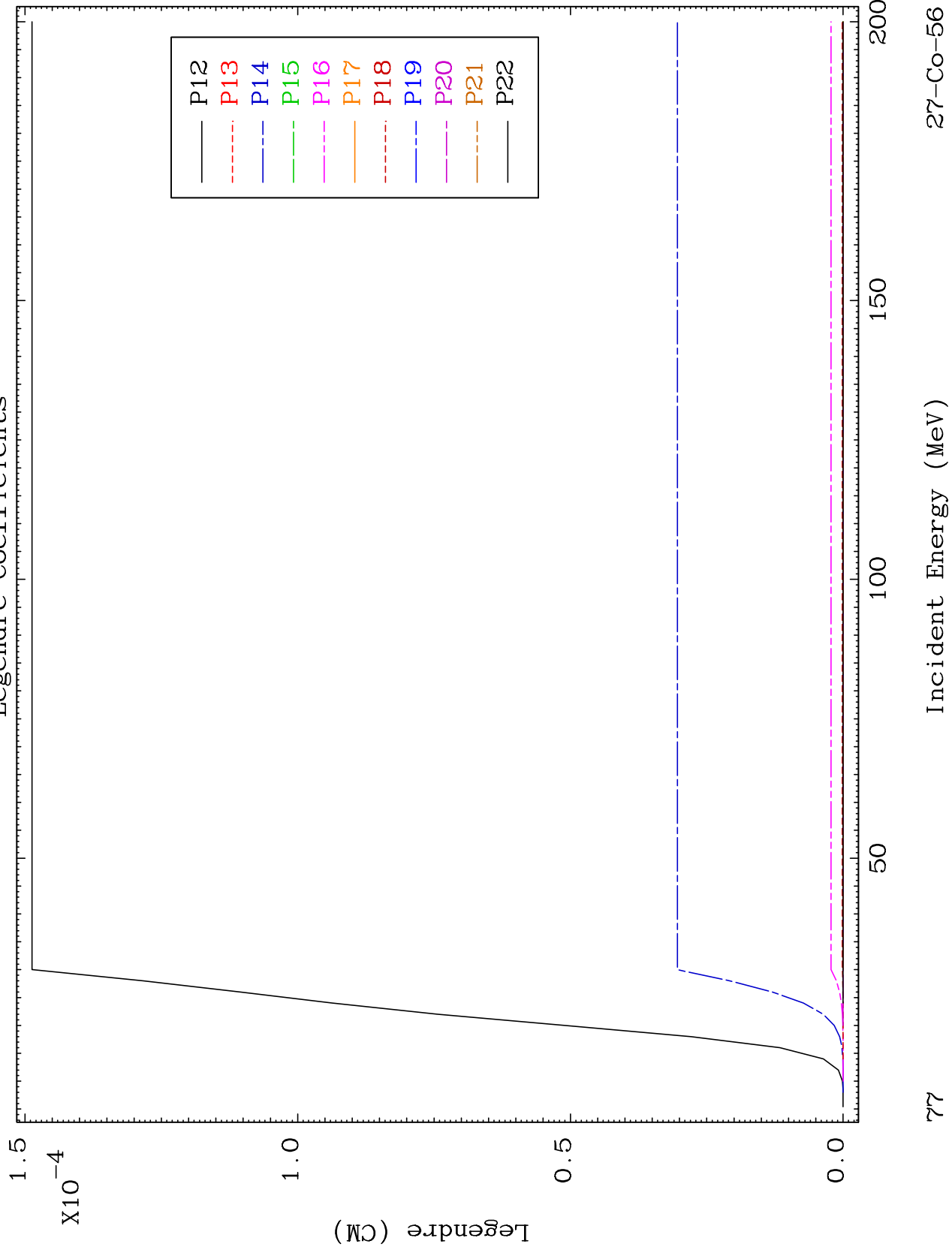
27-Co-56



MAT 2716

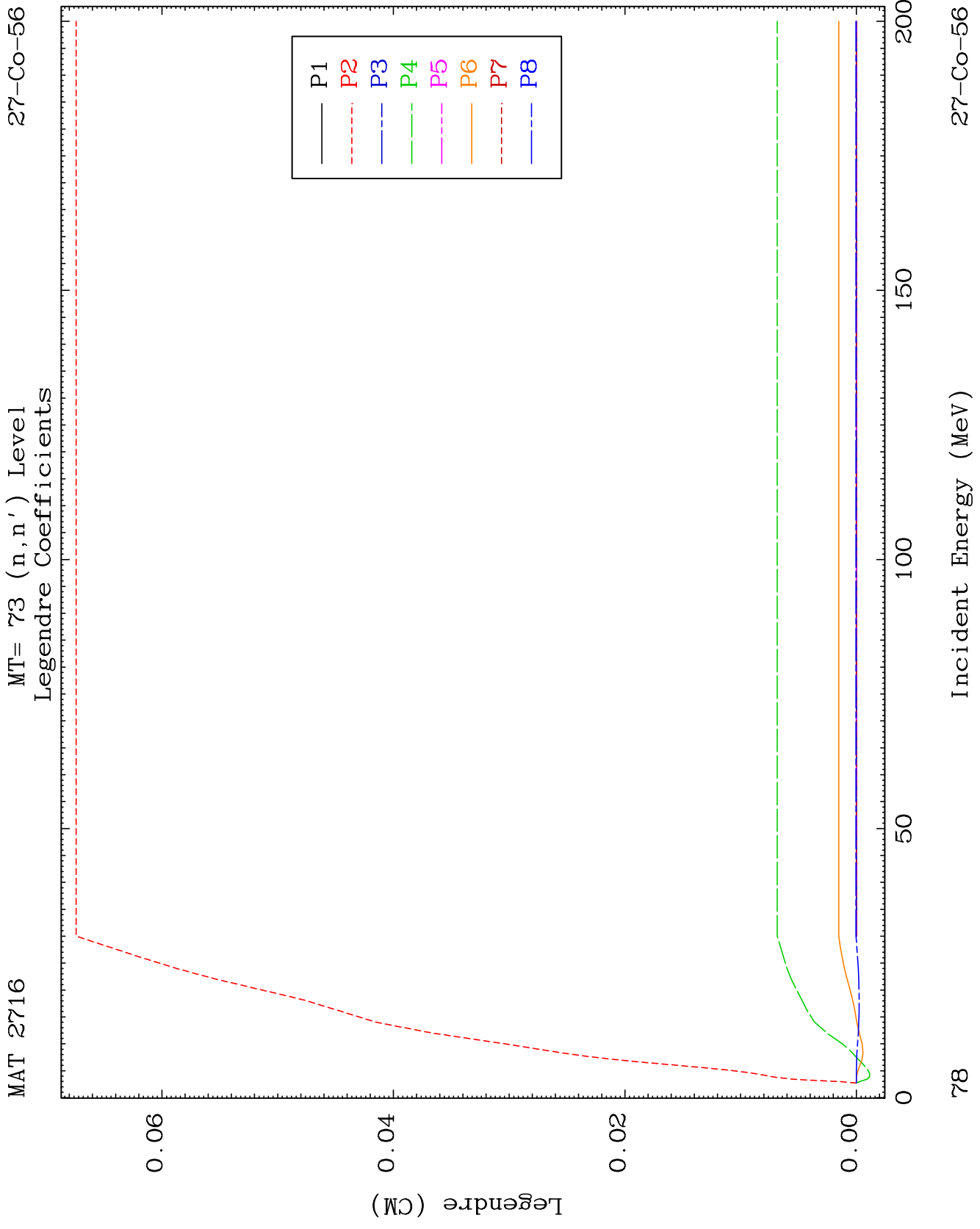
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Legendre Coefficients

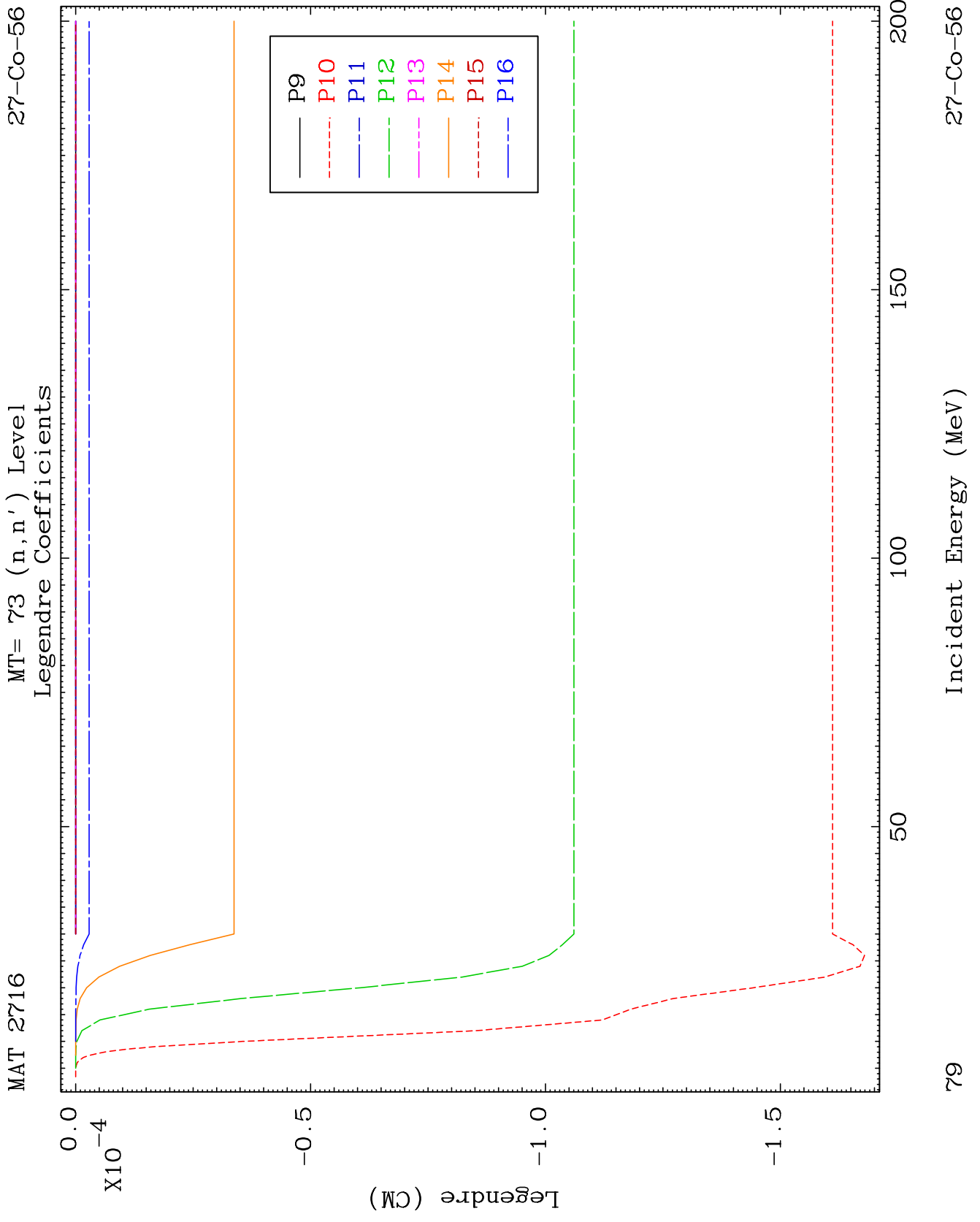
27-Co-56

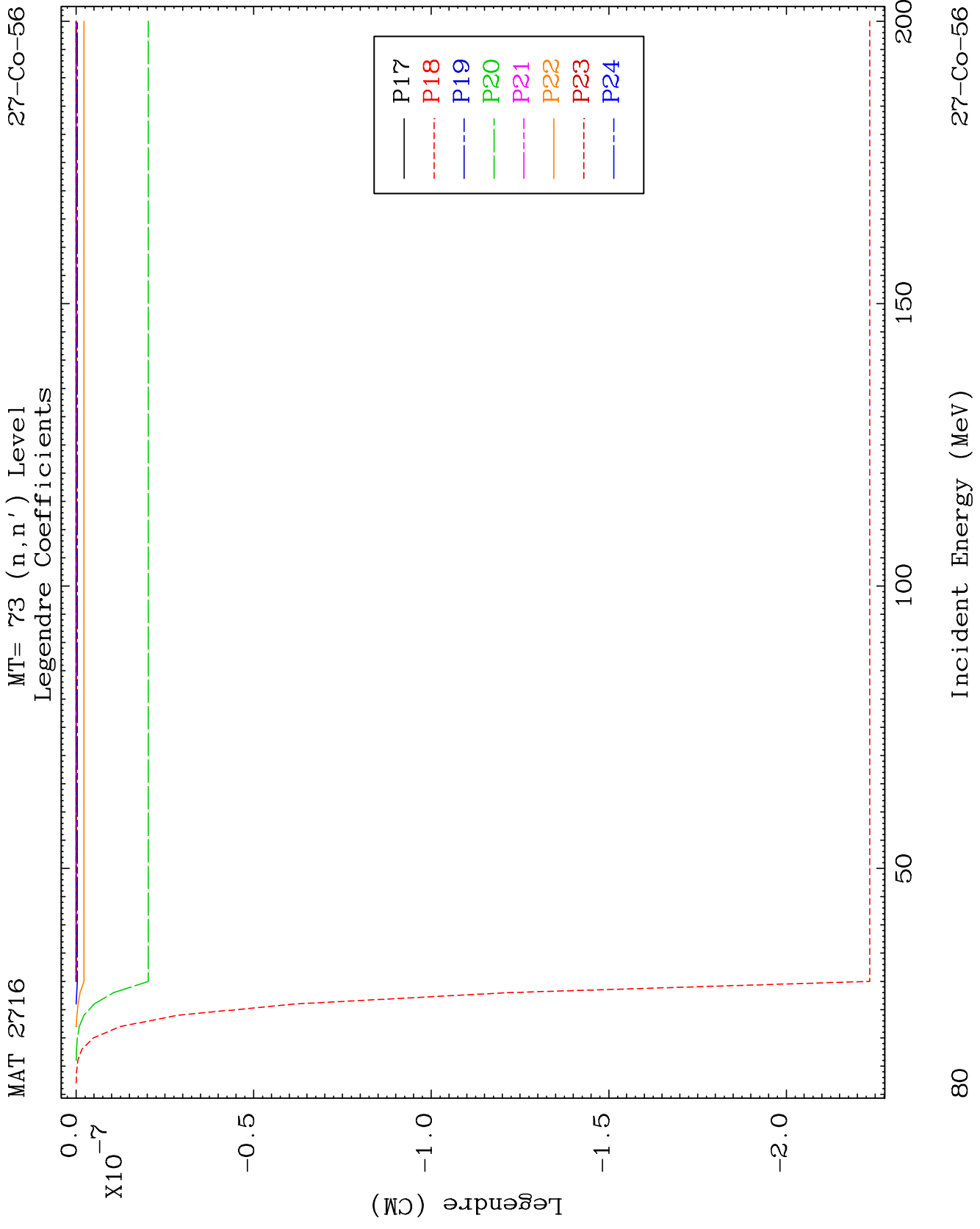


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27-Co-56



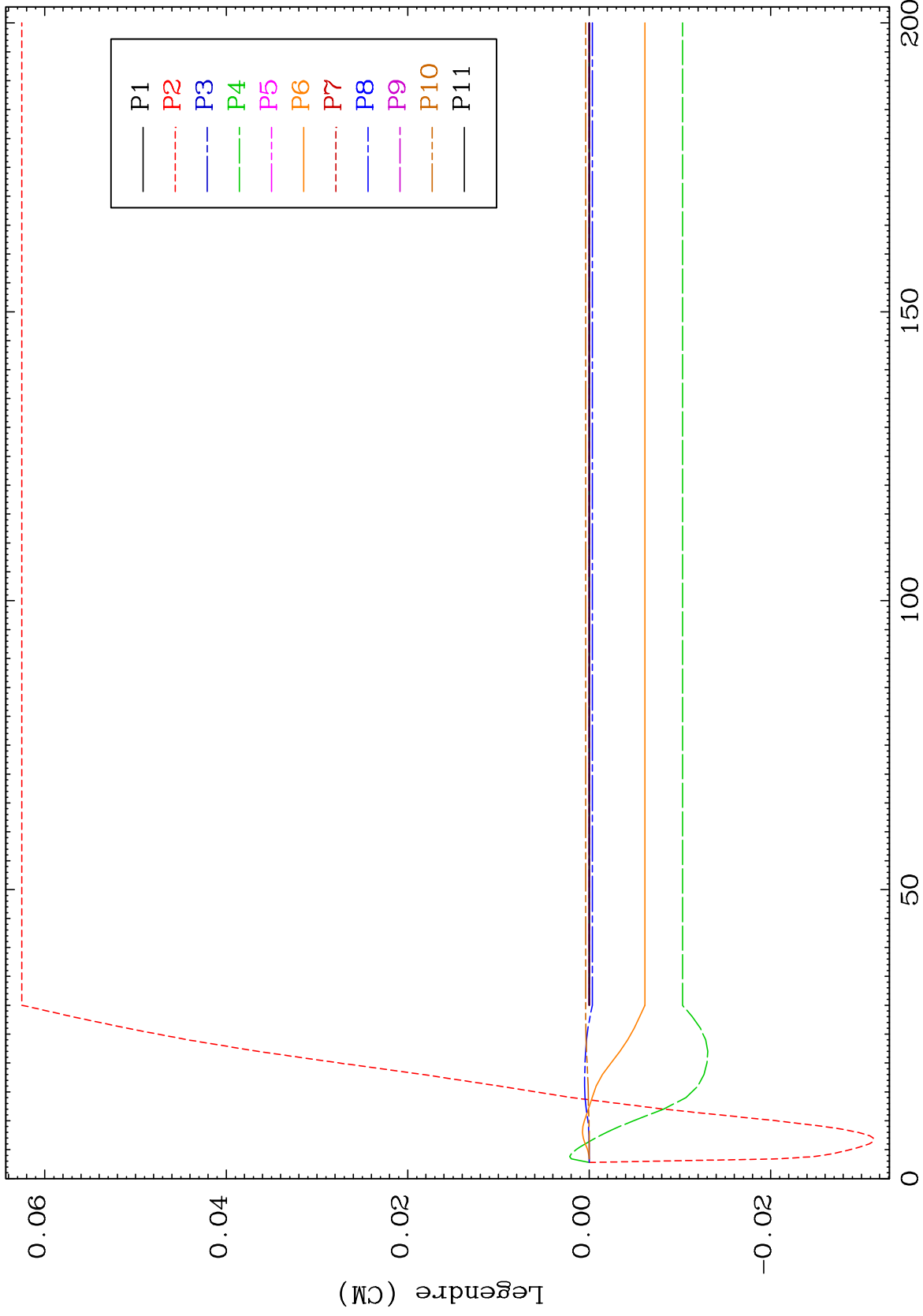




MAT 2716

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

27-Co-56



81

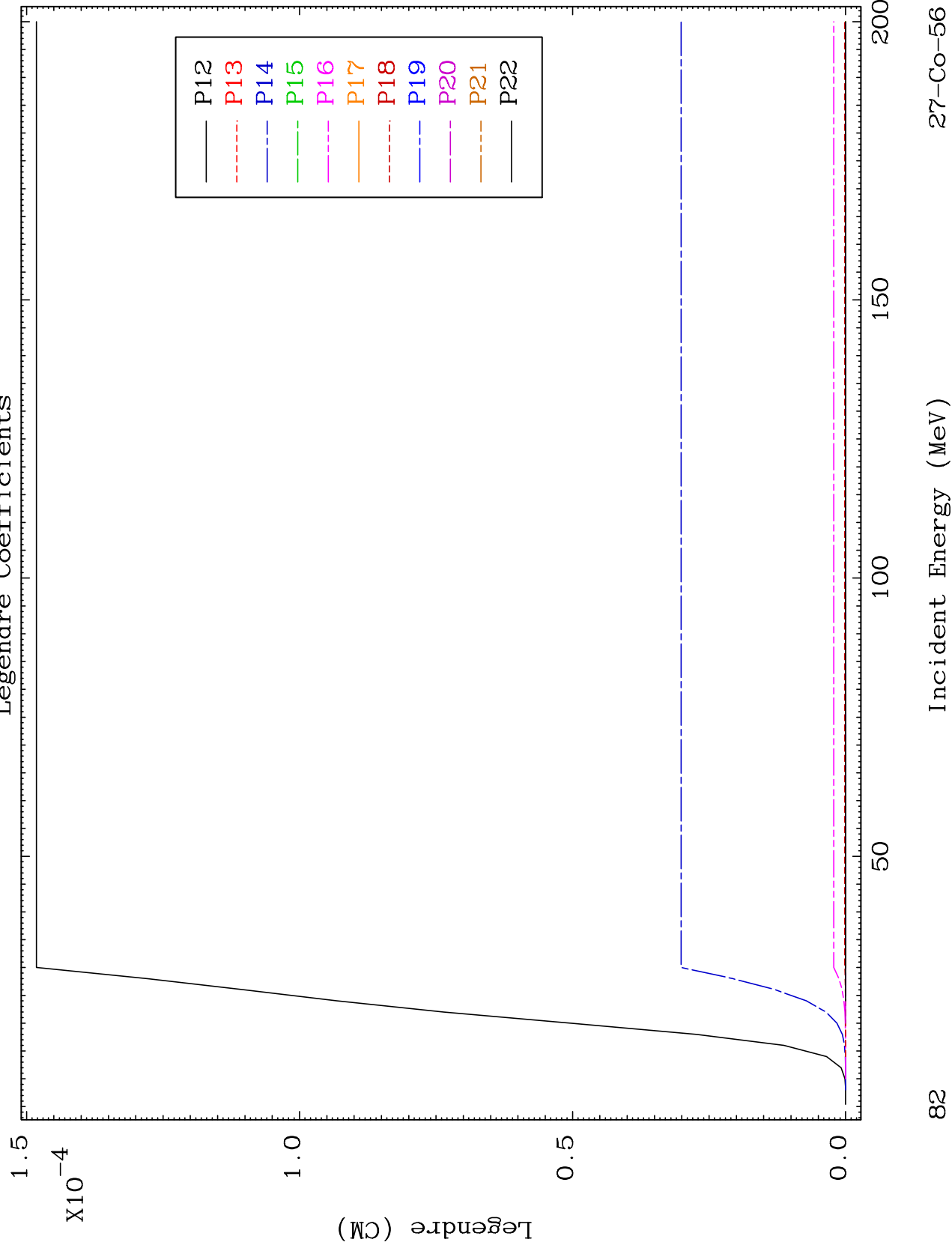
Incident Energy (MeV)

27-Co-56

MAT 2716

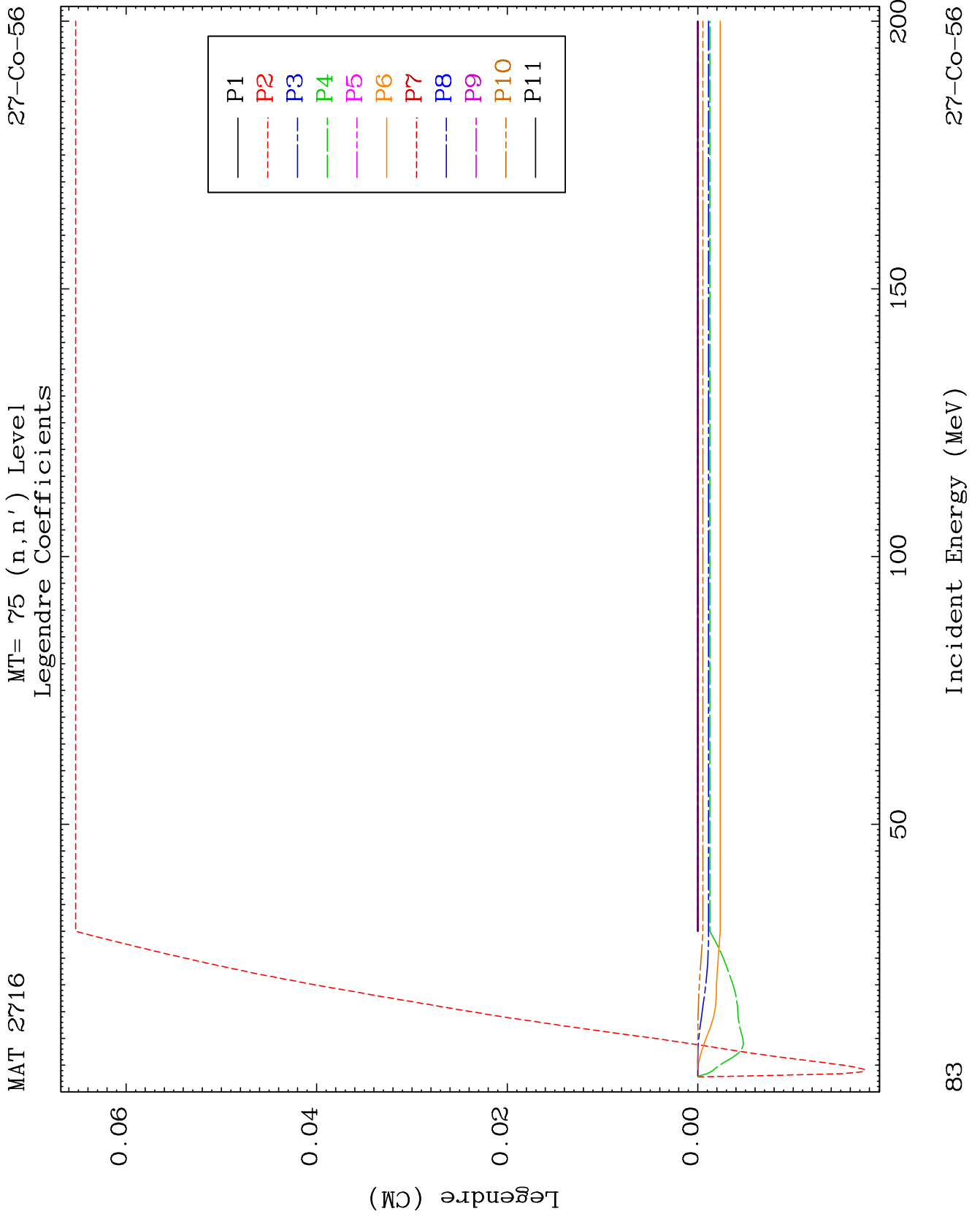
MT= 74 (n,n') Level
Legendre Coefficients

27-Co-56



82

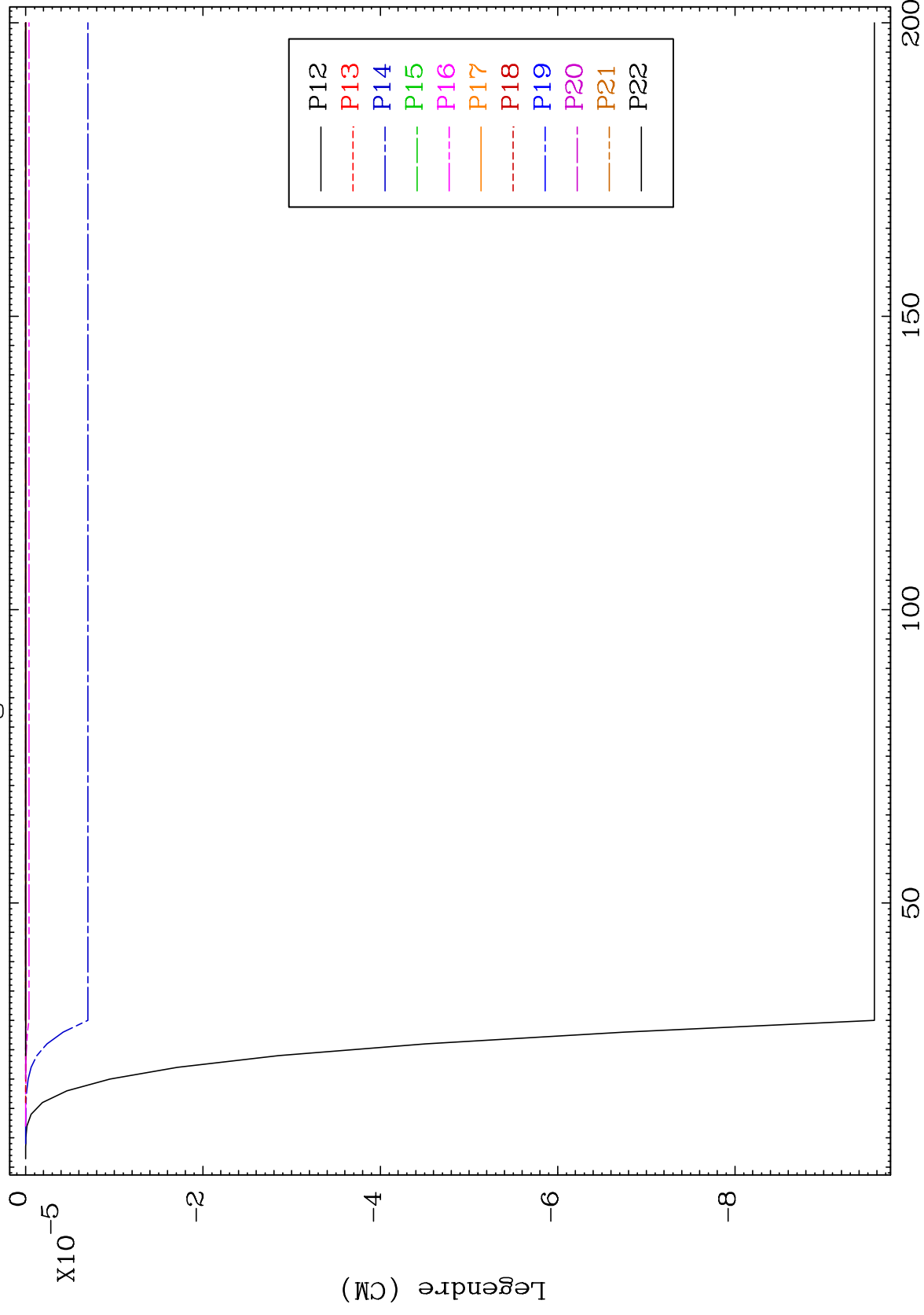
27-Co-56

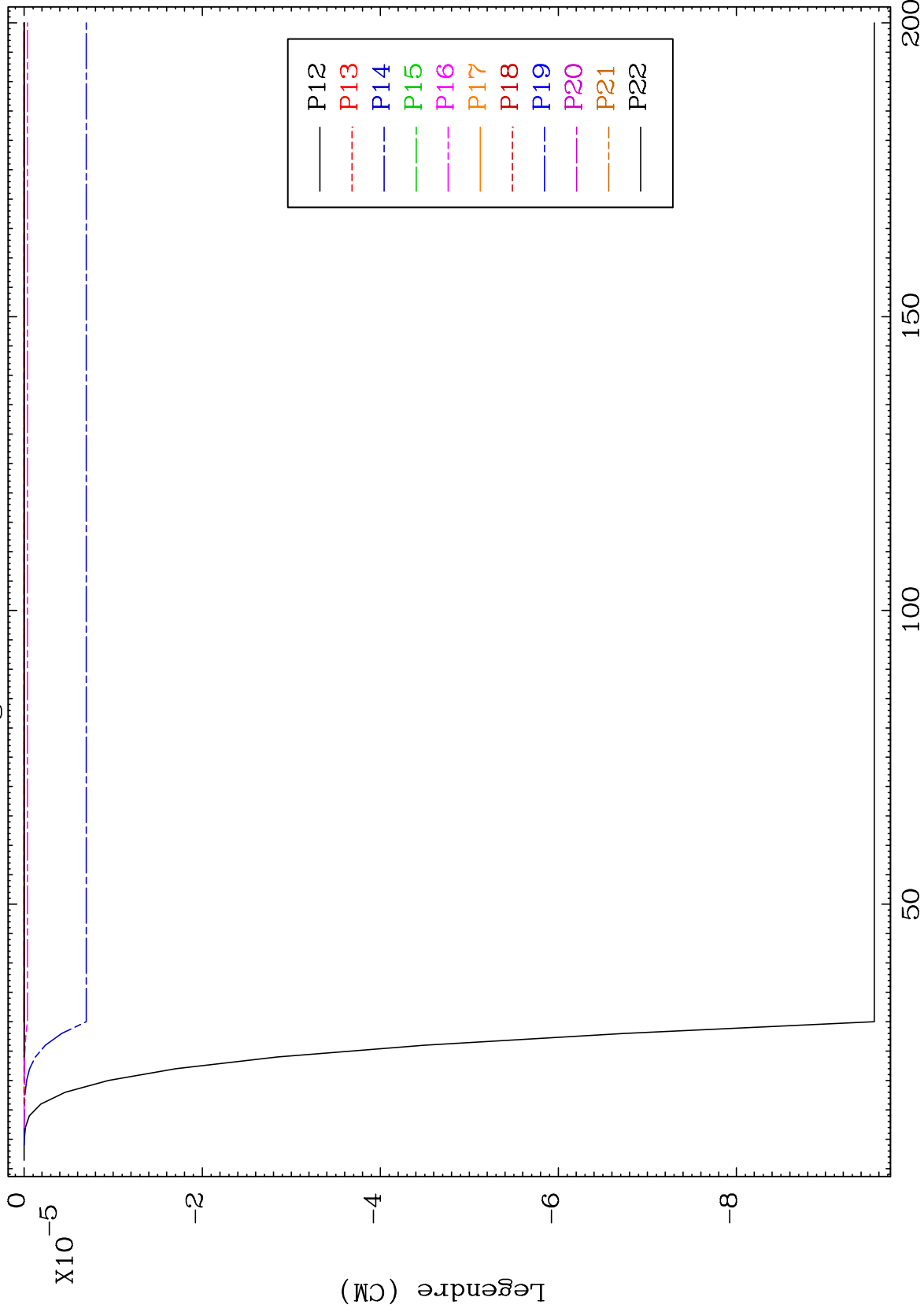


MAT 2716

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

27-Co-56

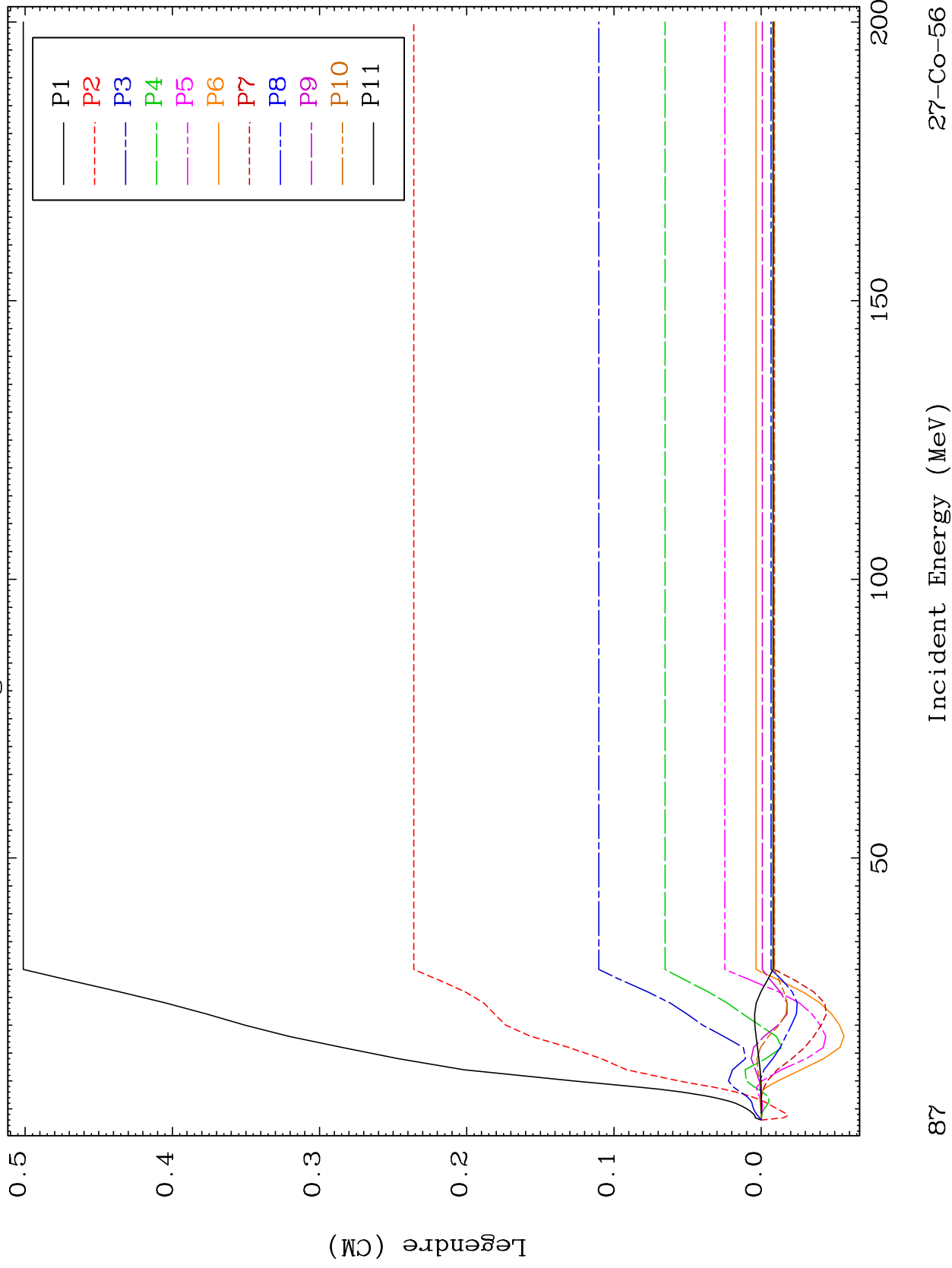




MAT 2716

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

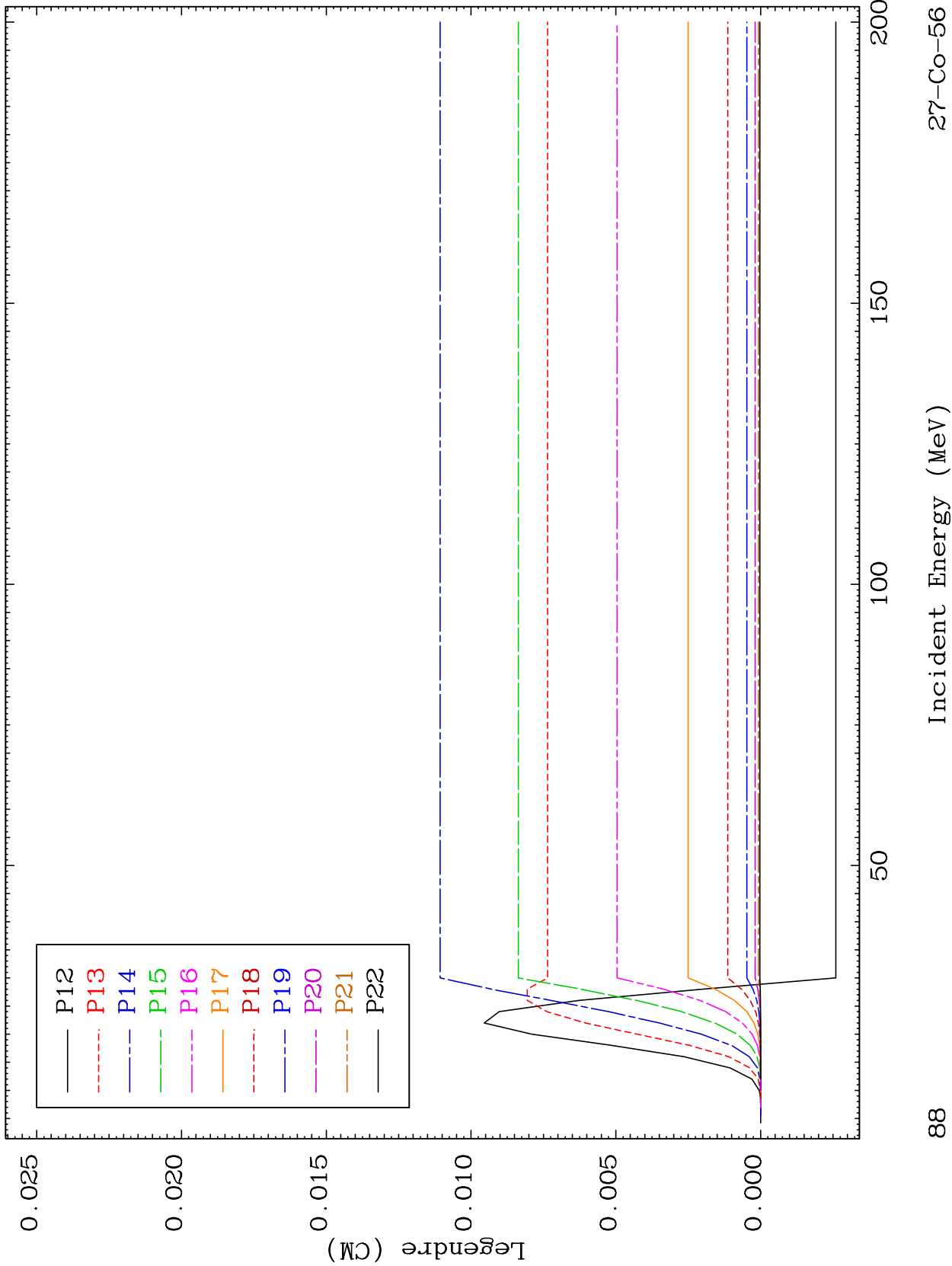
27-Co-56



87

Incident Energy (MeV)

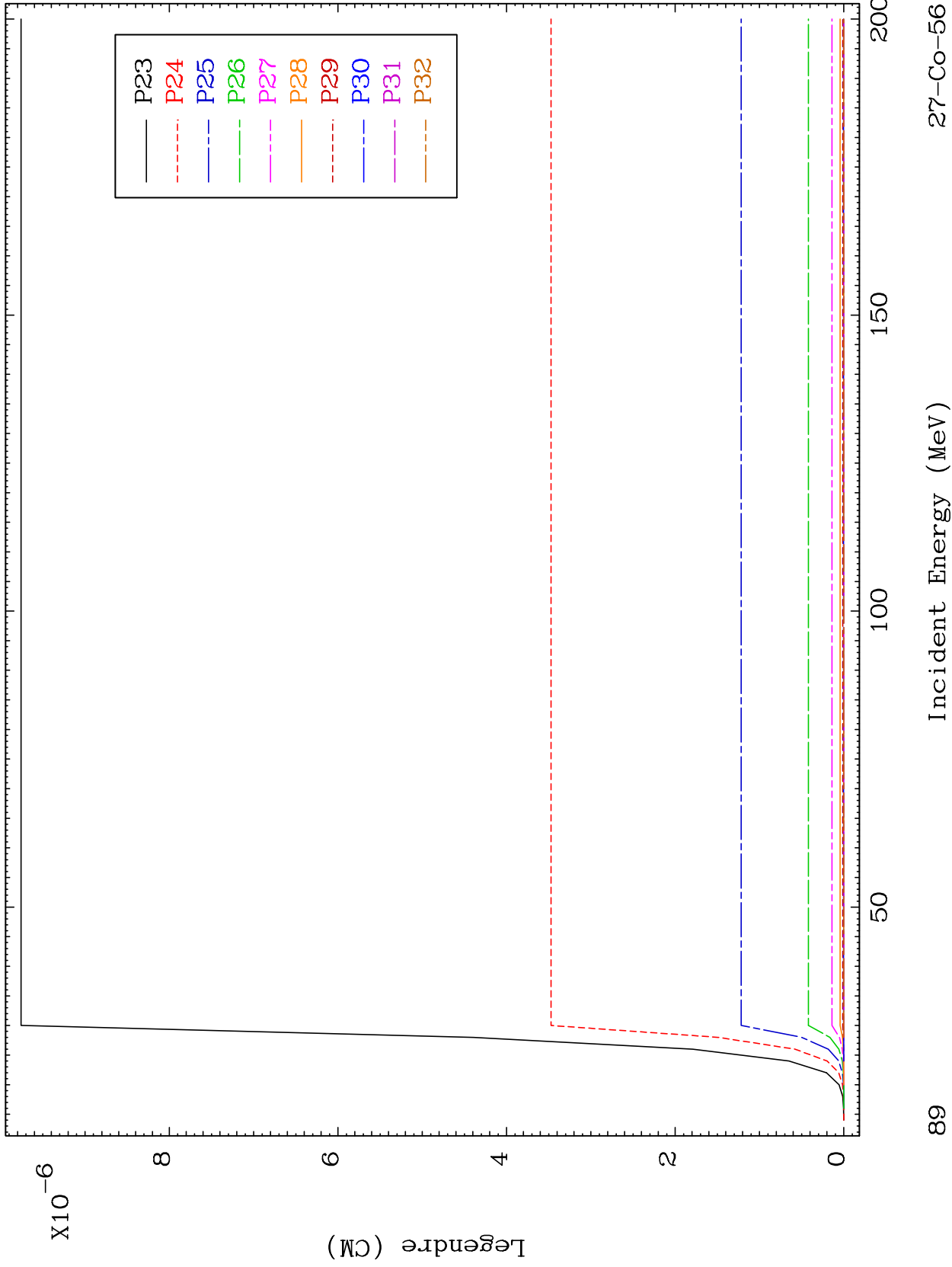
27-Co-56



MAT 2716

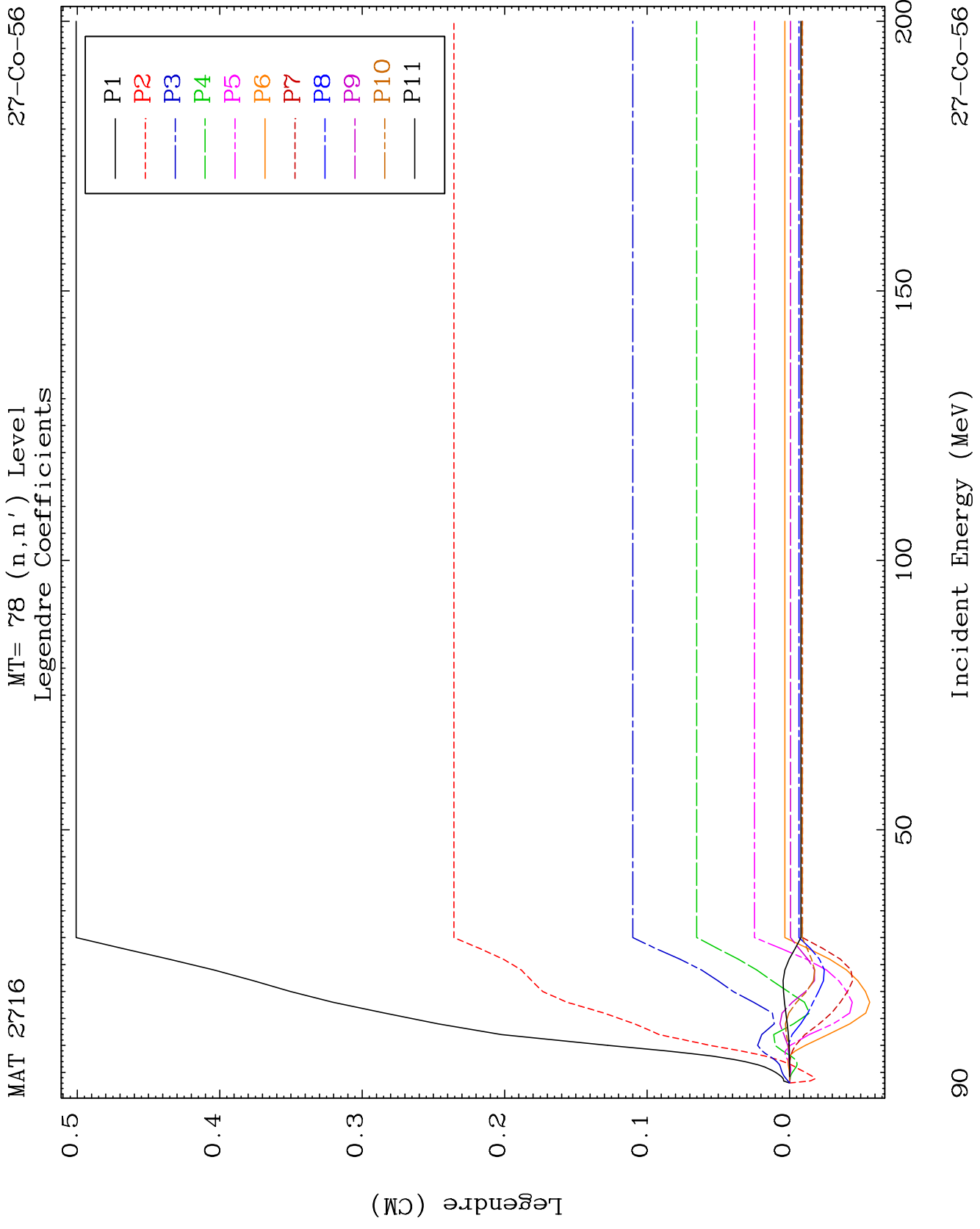
MT= 77 (n,n') Level
Legendre Coefficients

27-Co-56



89

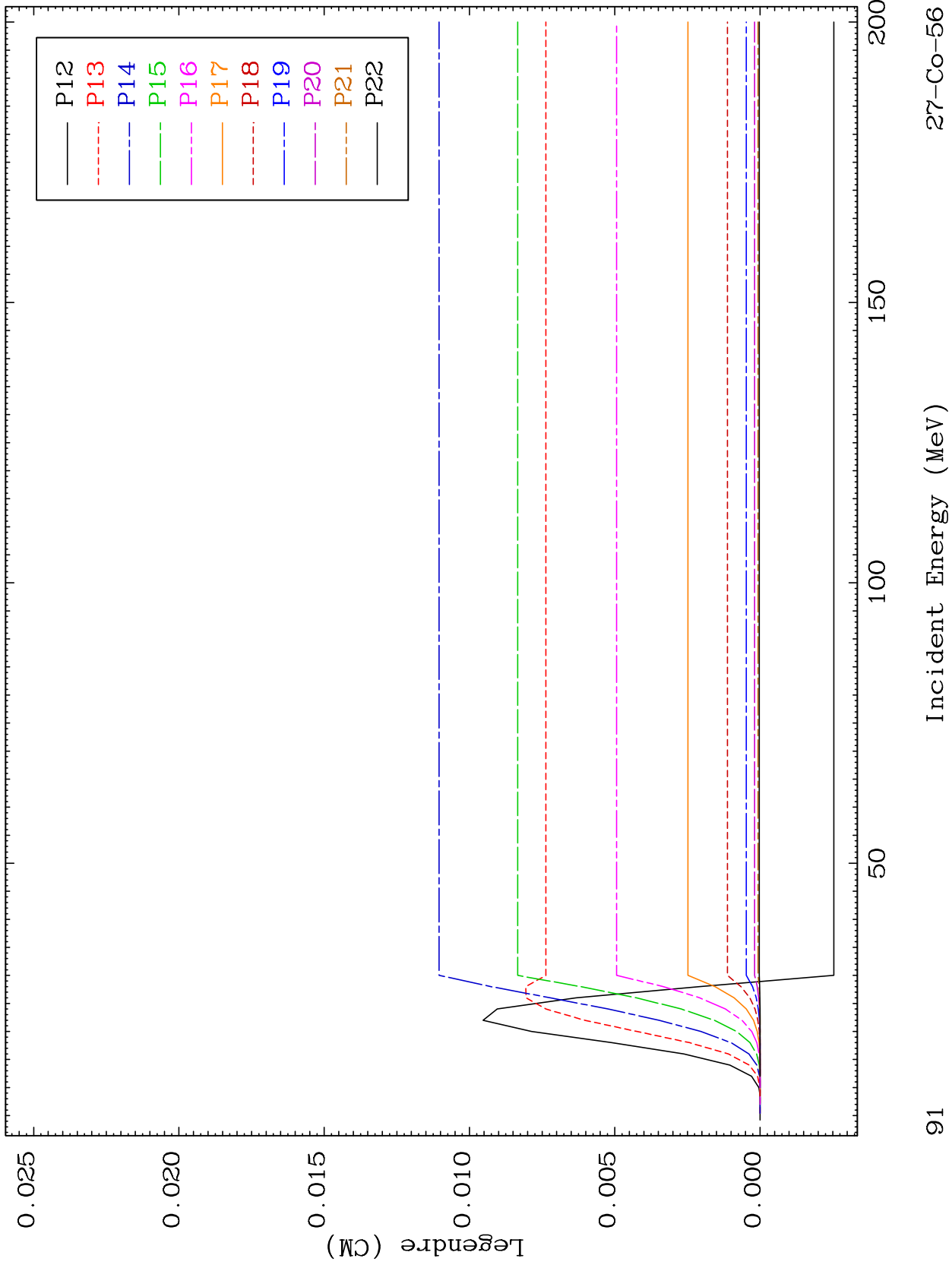
27-Co-56



MAT 2716

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

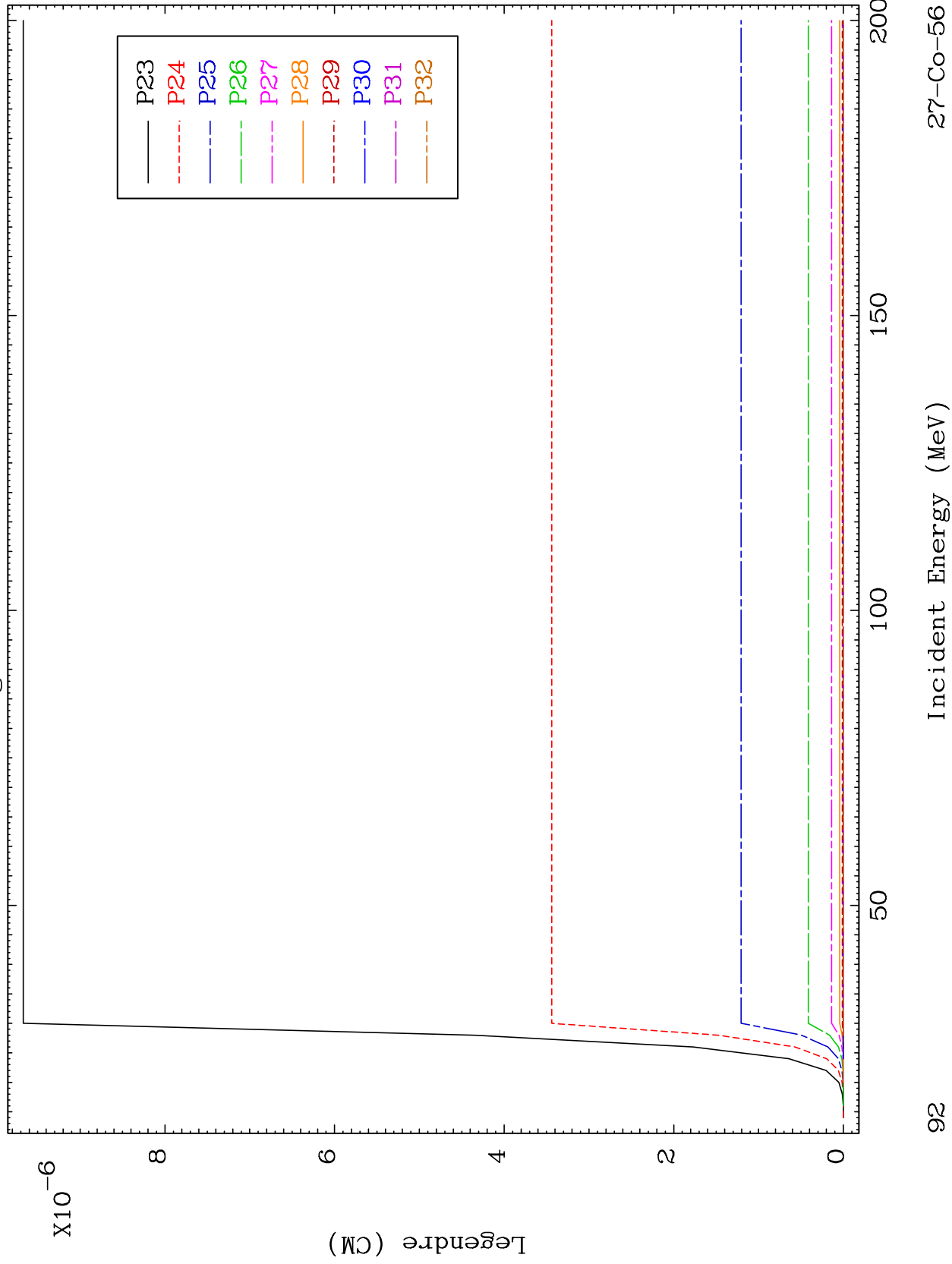
27-Co-56



MAT 2716

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

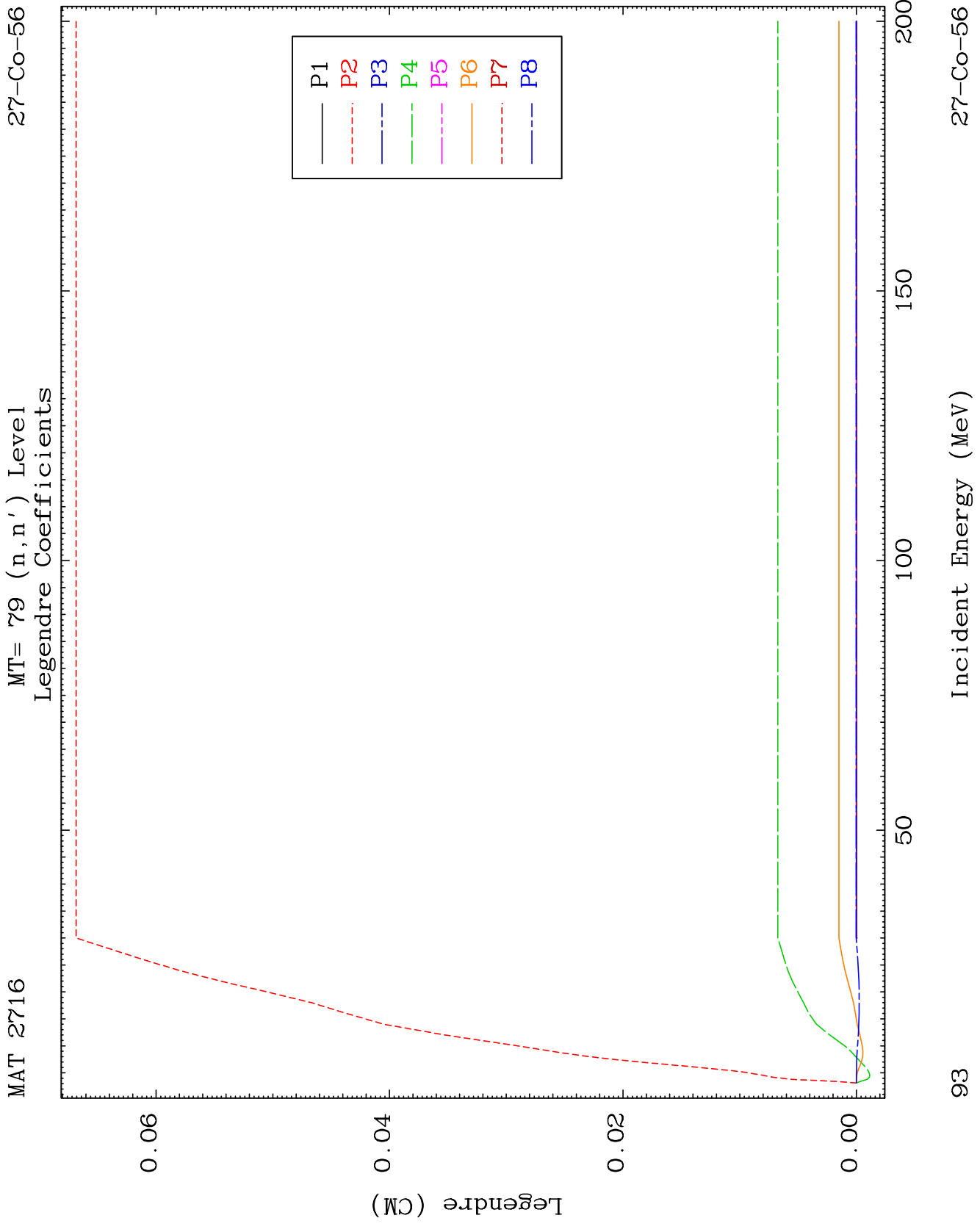
27-Co-56



92

Incident Energy (MeV)

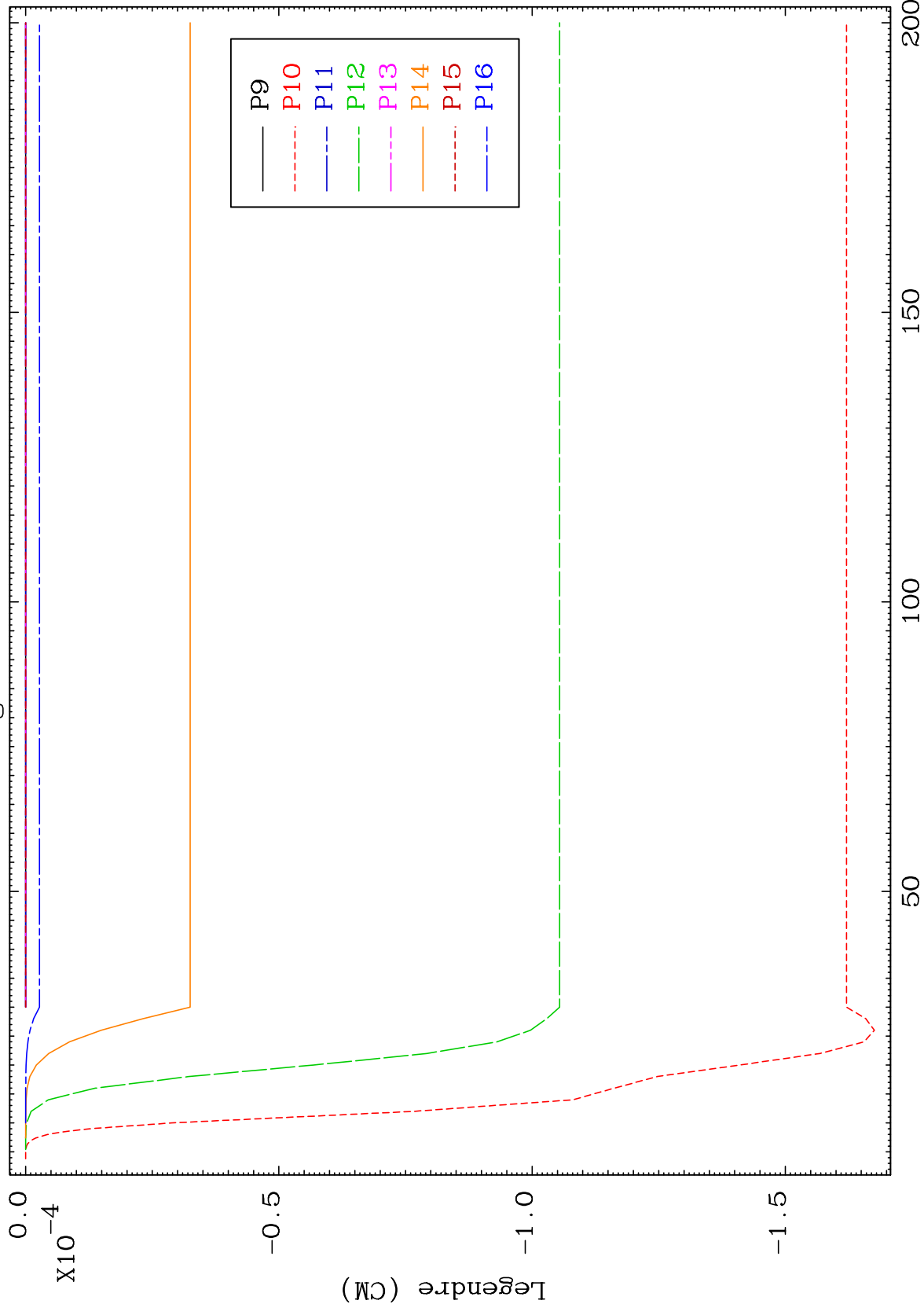
27-Co-56



MAT 2716

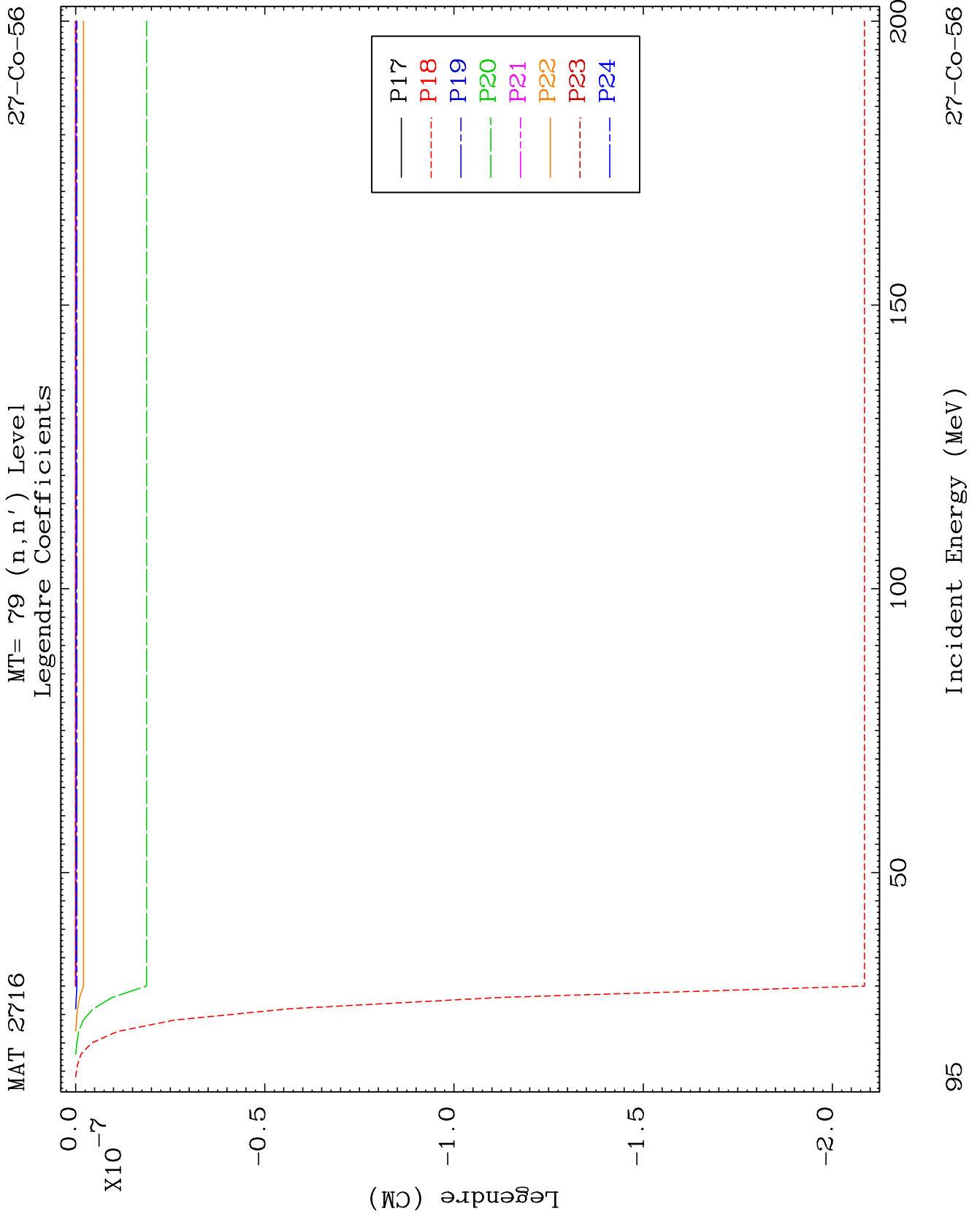
MT= 79 (n,n') Level Legendre Coefficients

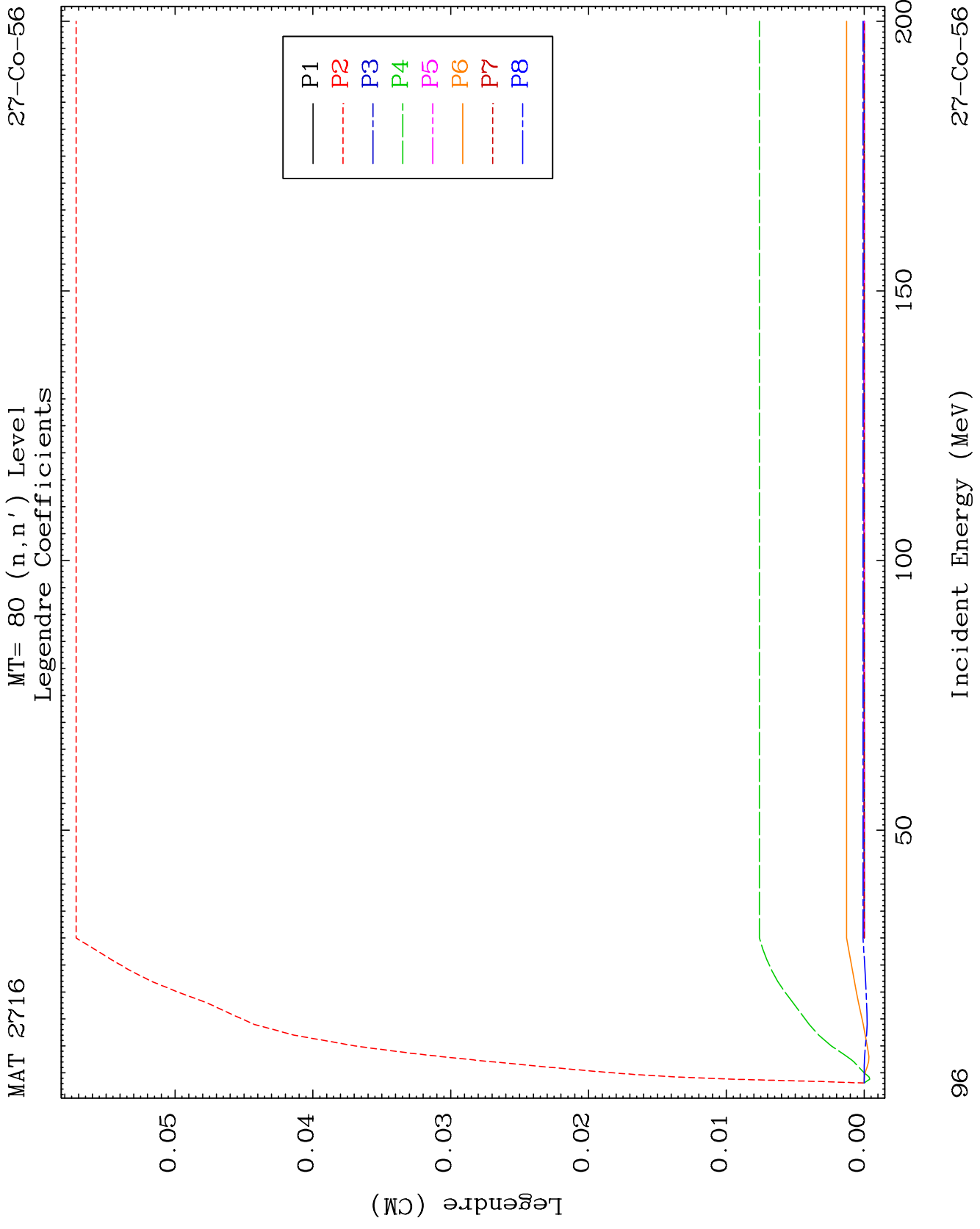
27-Co-56



94

27-Co-56



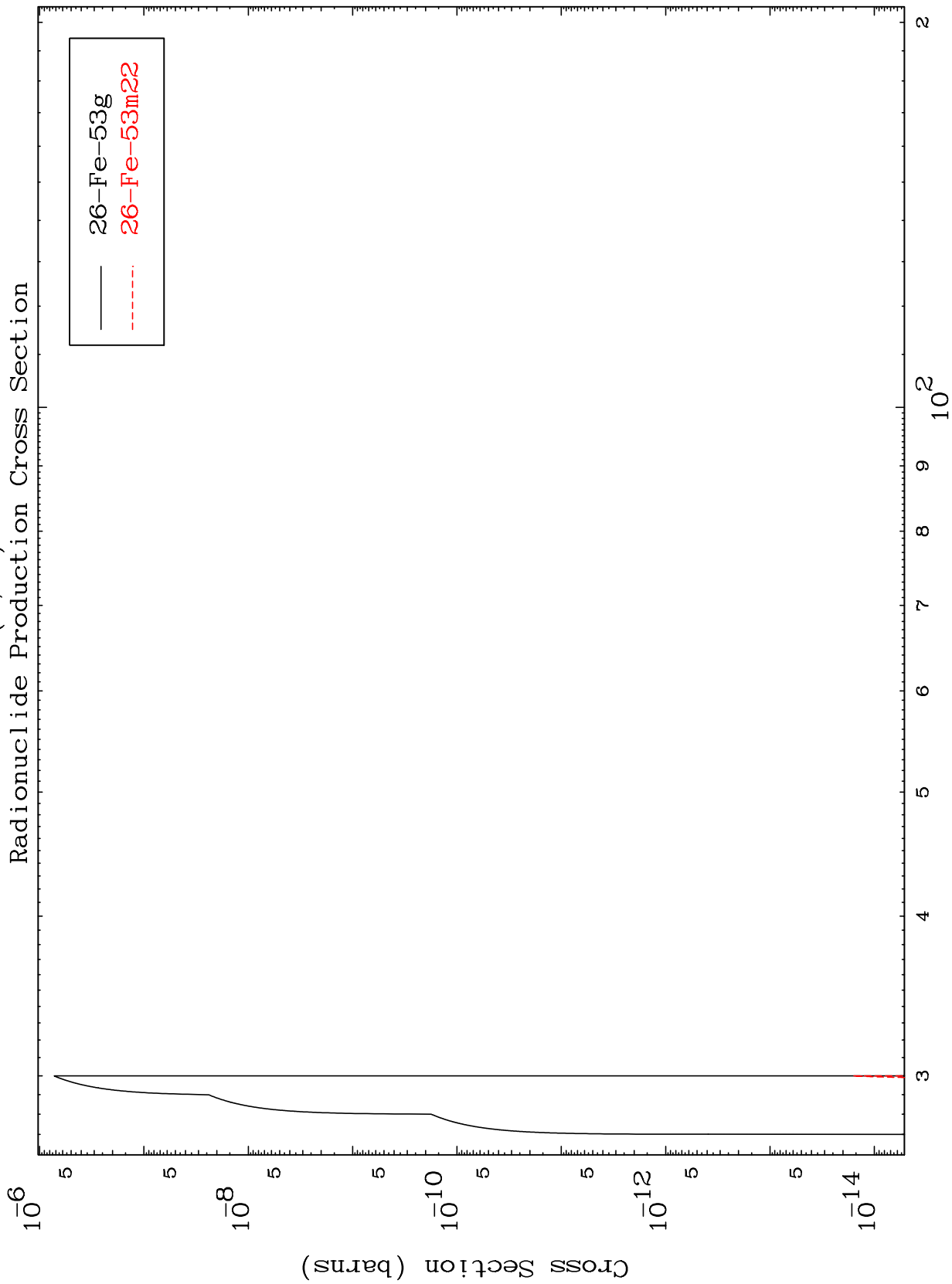


MAT 2716

(n,2n) d

27-Co-56

Radionuclide Production Cross Section



99

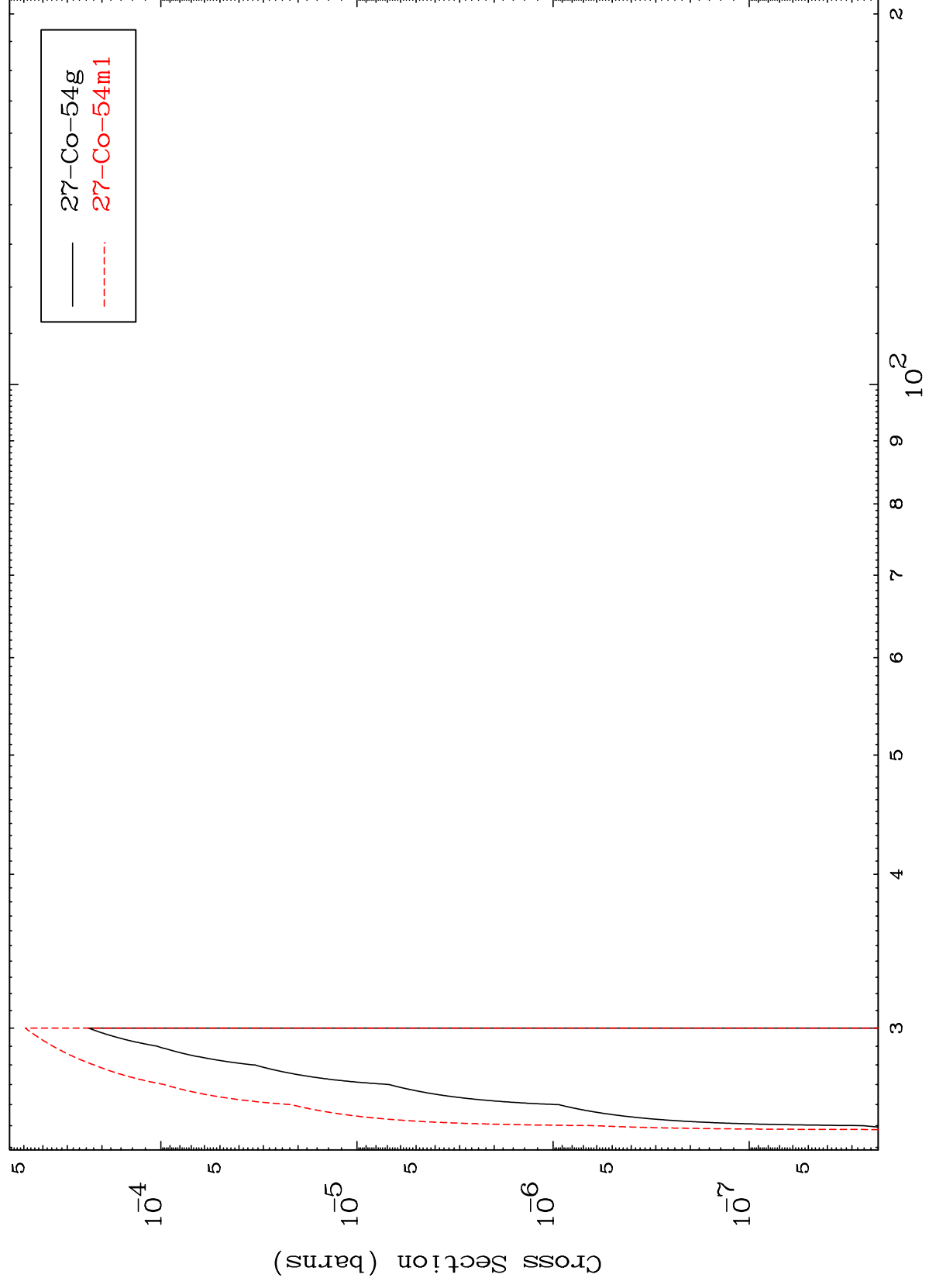
Incident Energy (MeV)

27-Co-56

MAT 2716

27-Co-56

(n,3n)
Radionuclide Production Cross Section



100

Incident Energy (MeV)

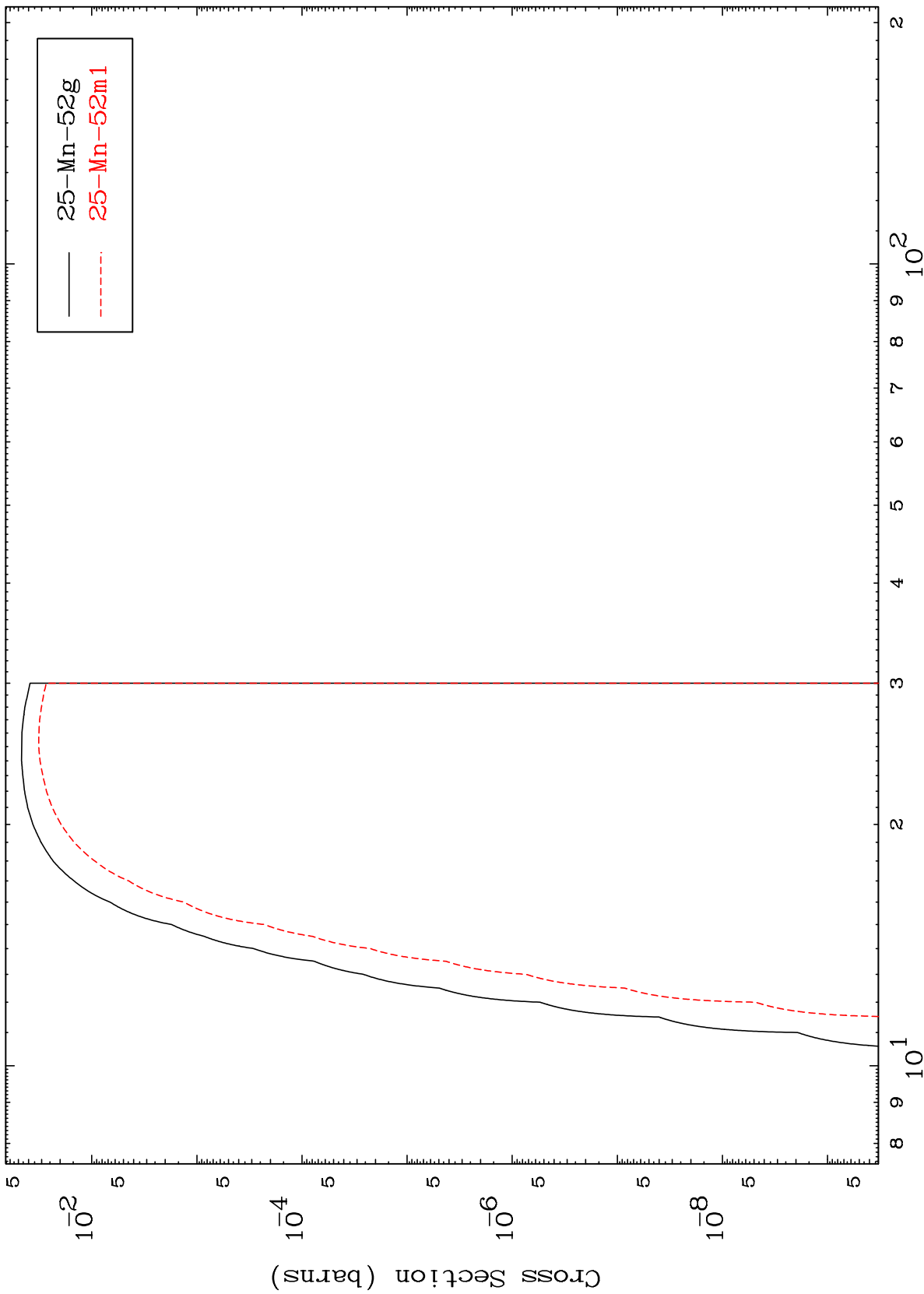
27-Co-56

MAT 2716

$(n, n') \alpha$

27-Co-56

Radionuclide Production Cross Section



101

Incident Energy (MeV)

27-Co-56

Radionuclide Production Cross Section

