

Program EVALPLOT
(Version 2021-1)

by

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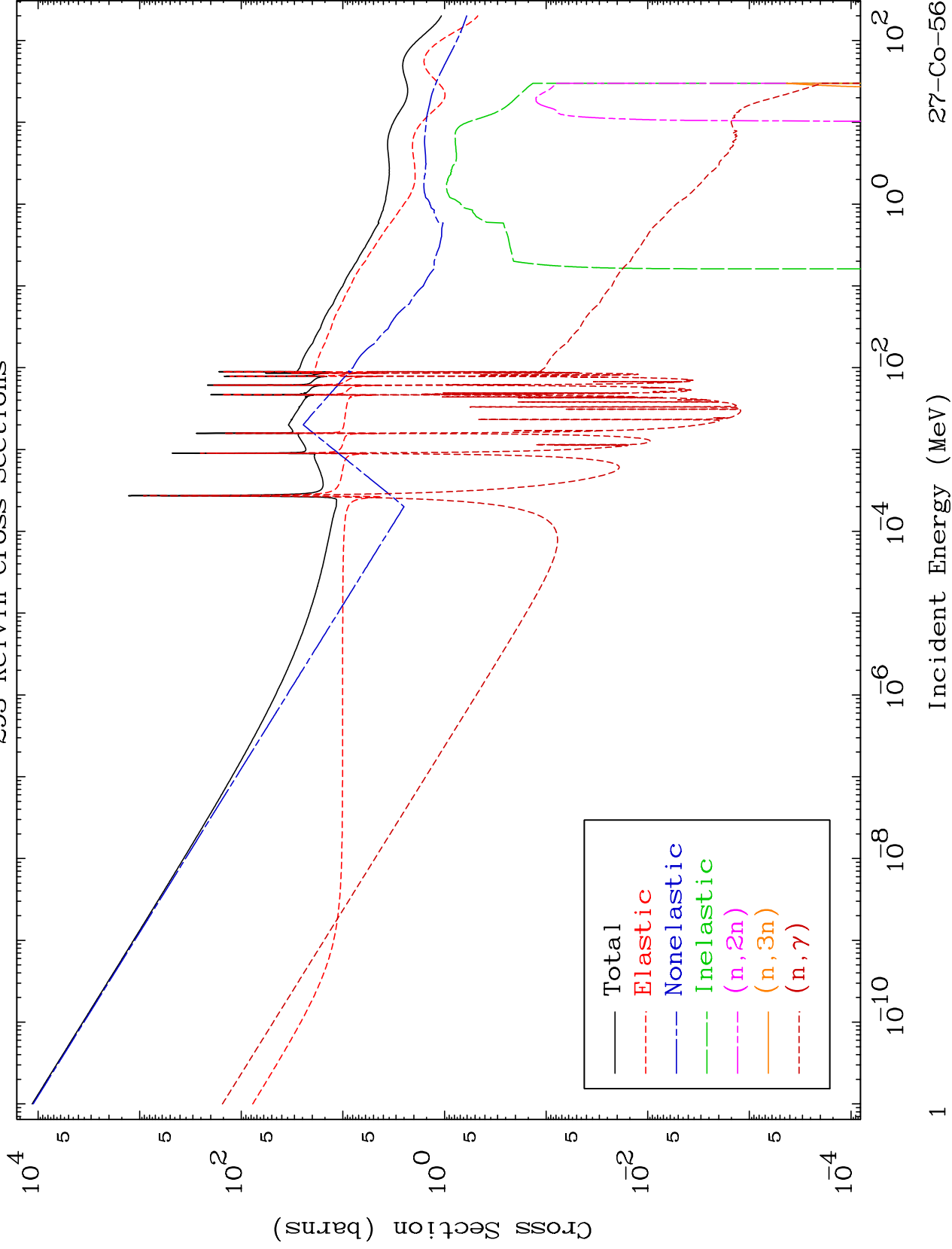
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Press Mouse Button to Start

MAT 2716

Neutron Major
293 Kelvin Cross Sections

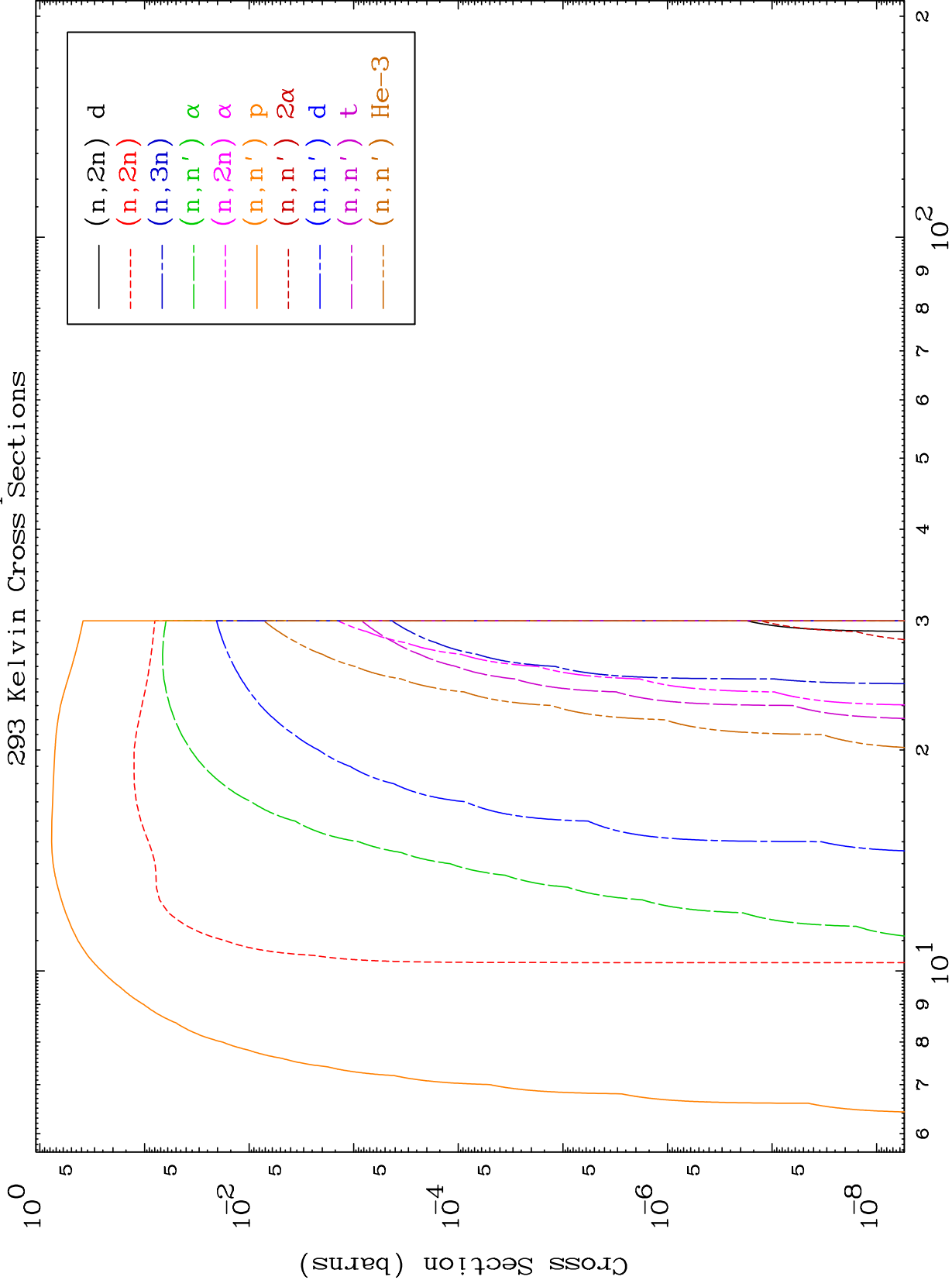
27-Co-56



MAT 2716

Neutron Absorption
293 Kelvin Cross Sections

27-Co-56



2

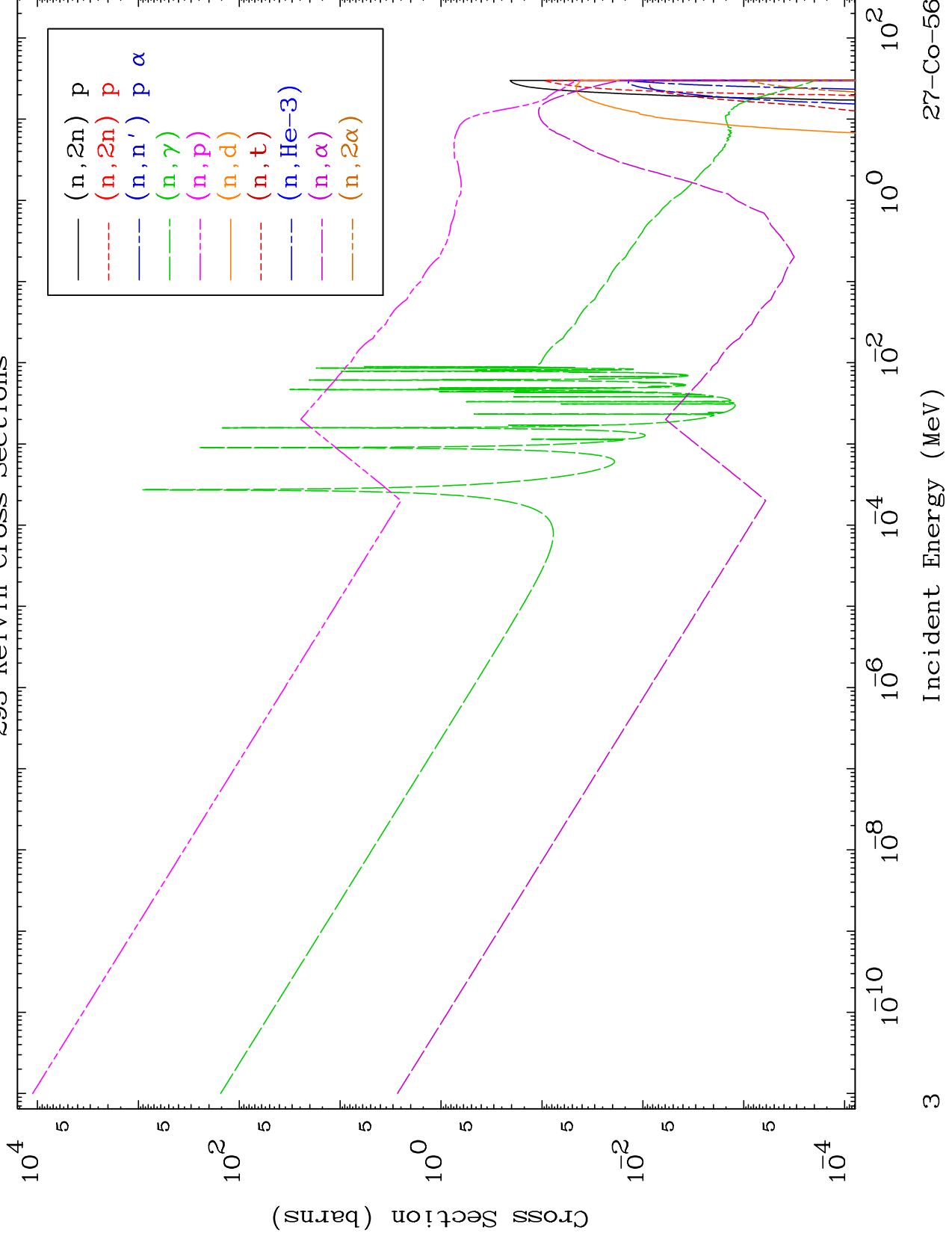
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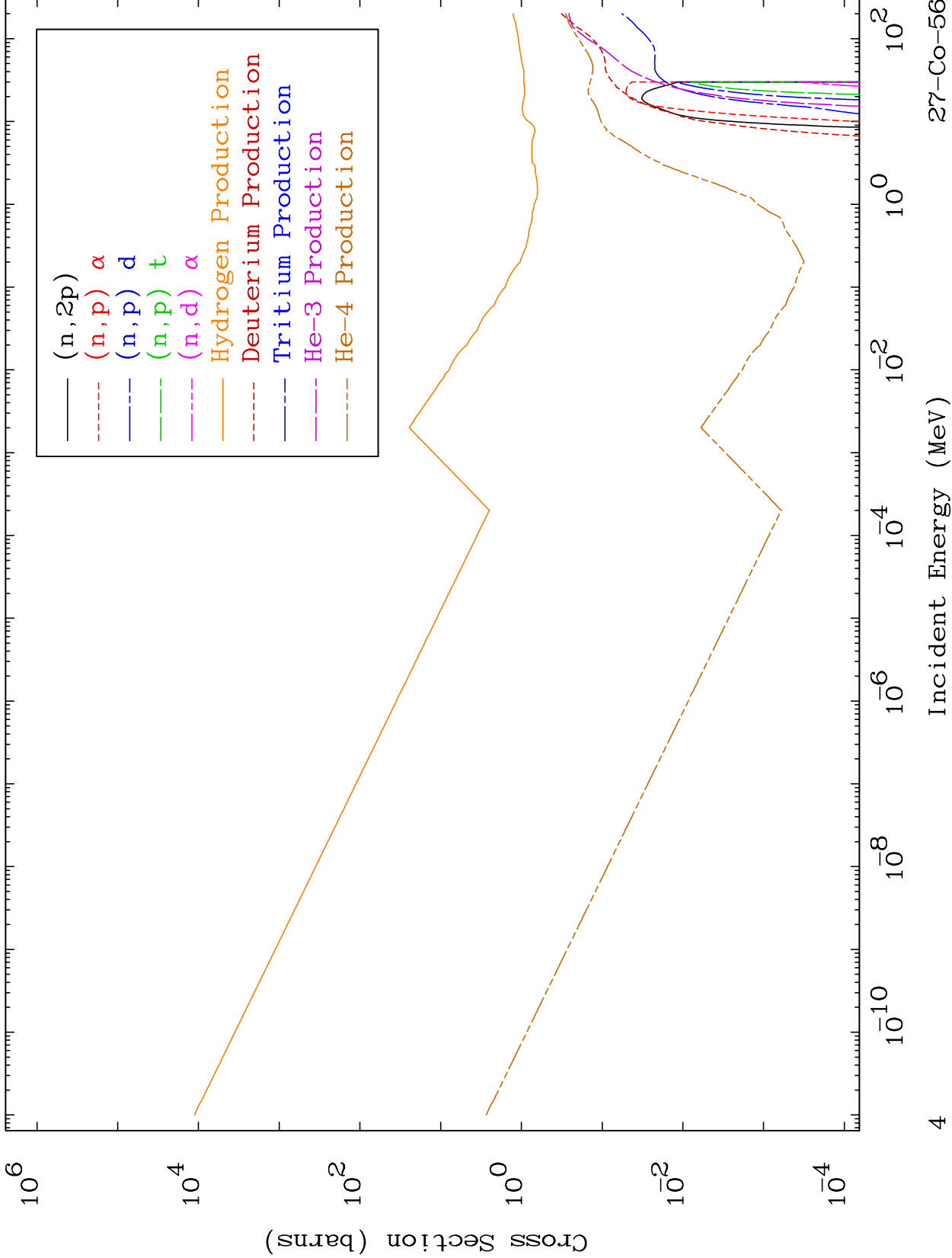
27-Co-56

MAT 2716

Neutron Absorption
293 Kelvin Cross Sections

27-Co-56

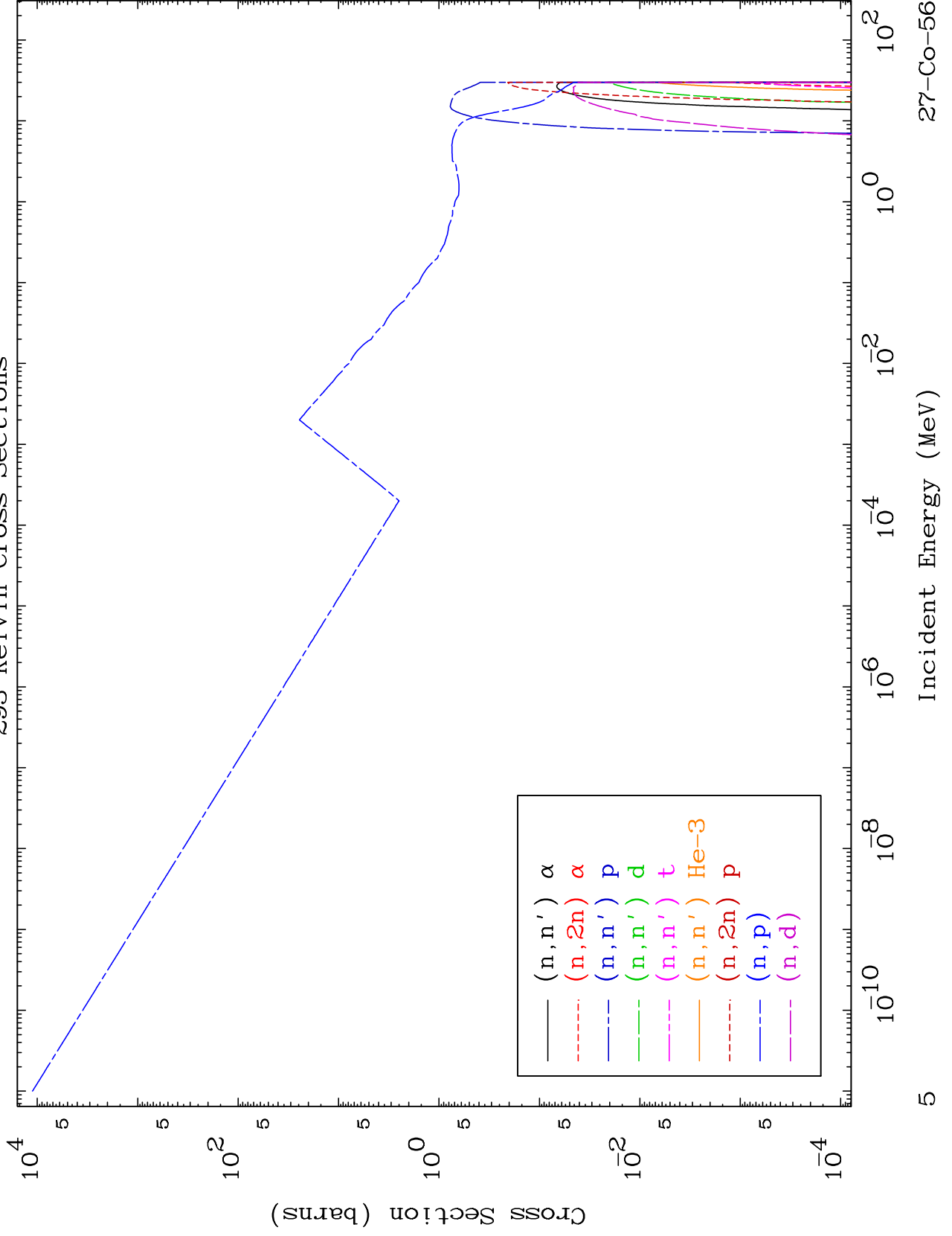




MAT 2716

Charged Particle
293 Kelvin Cross Sections

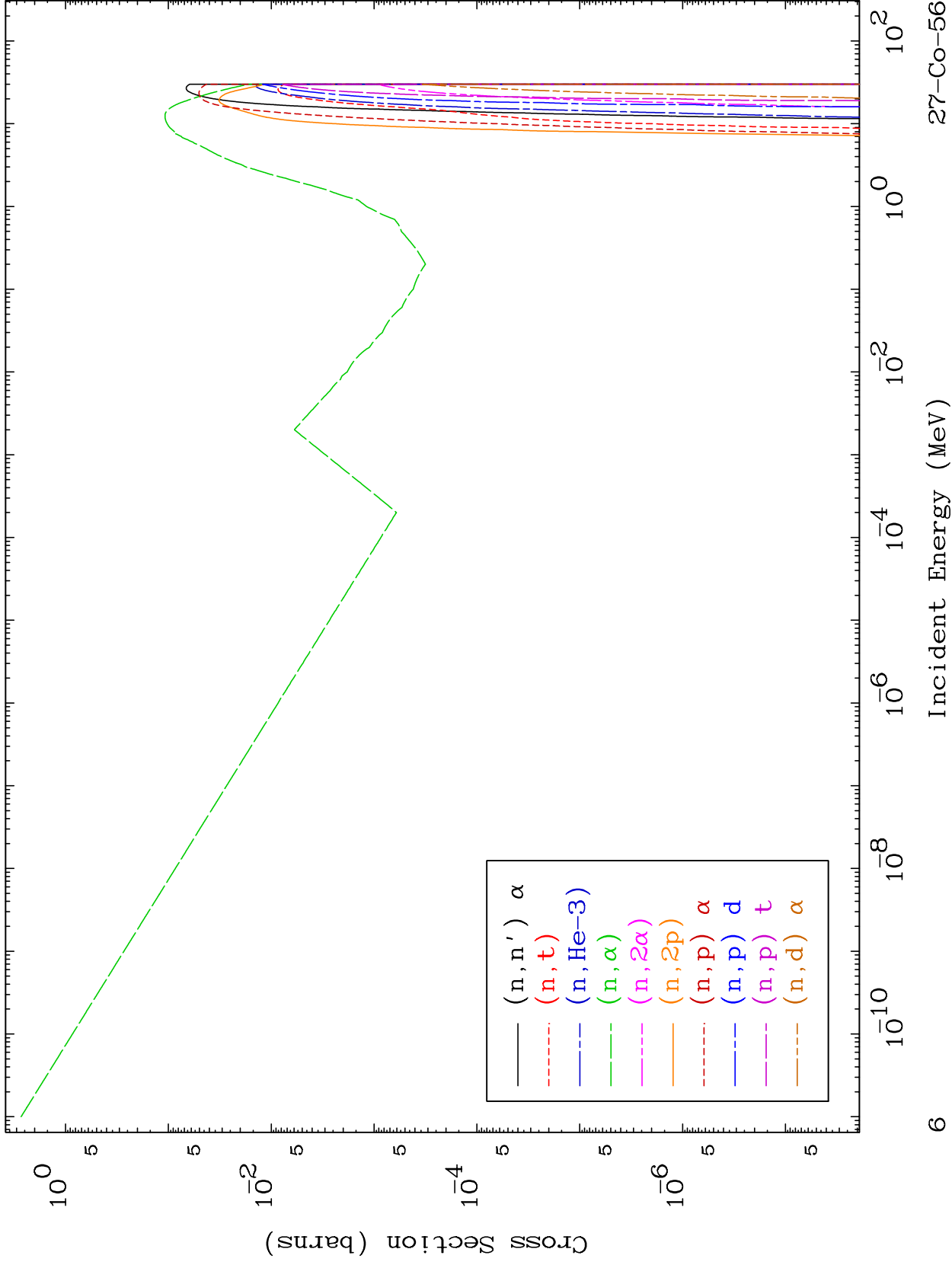
27-Co-56



MAT 2716

Charged Particle
293 Kelvin Cross Sections

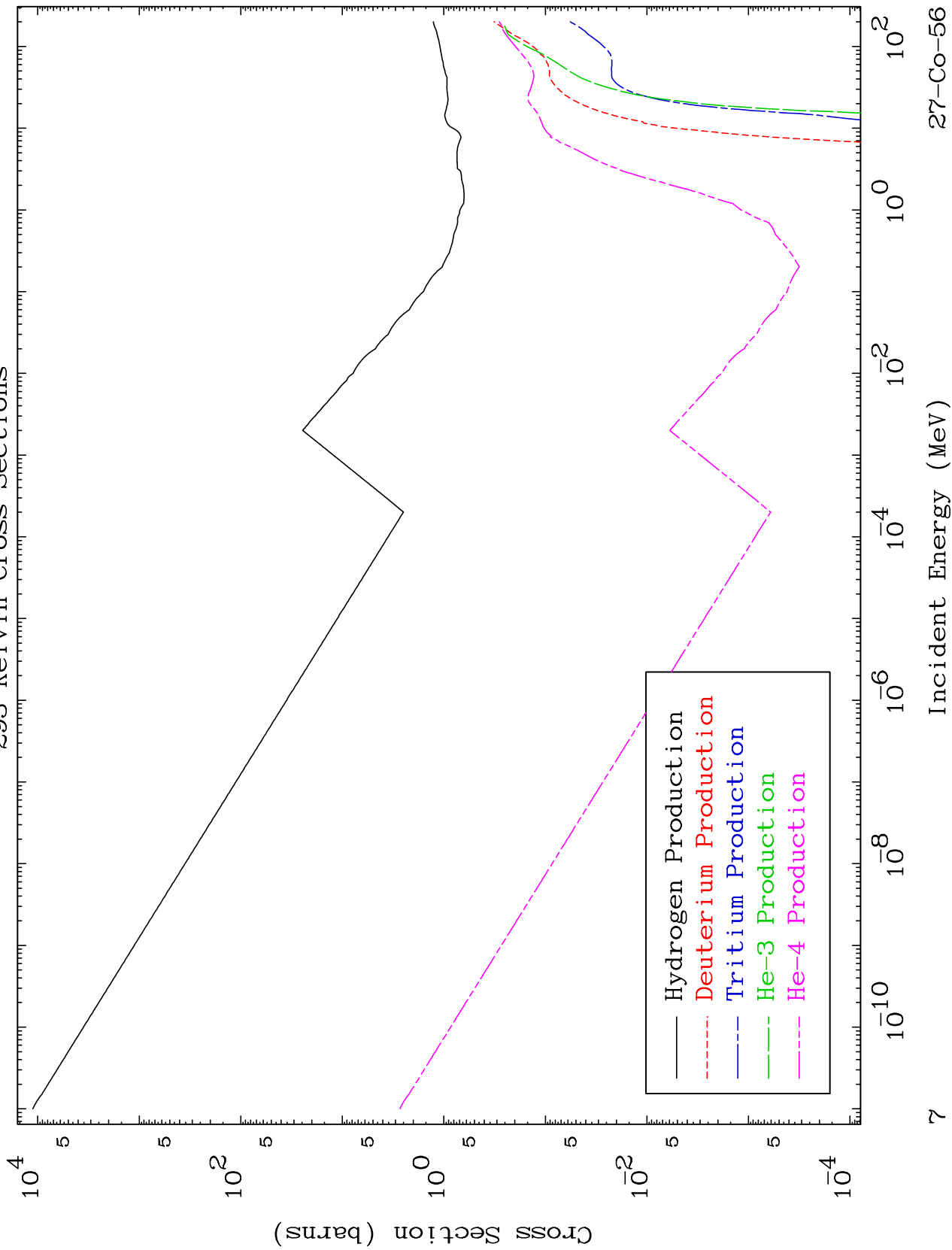
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MAT 2716

Particle Production
293 Kelvin Cross Sections

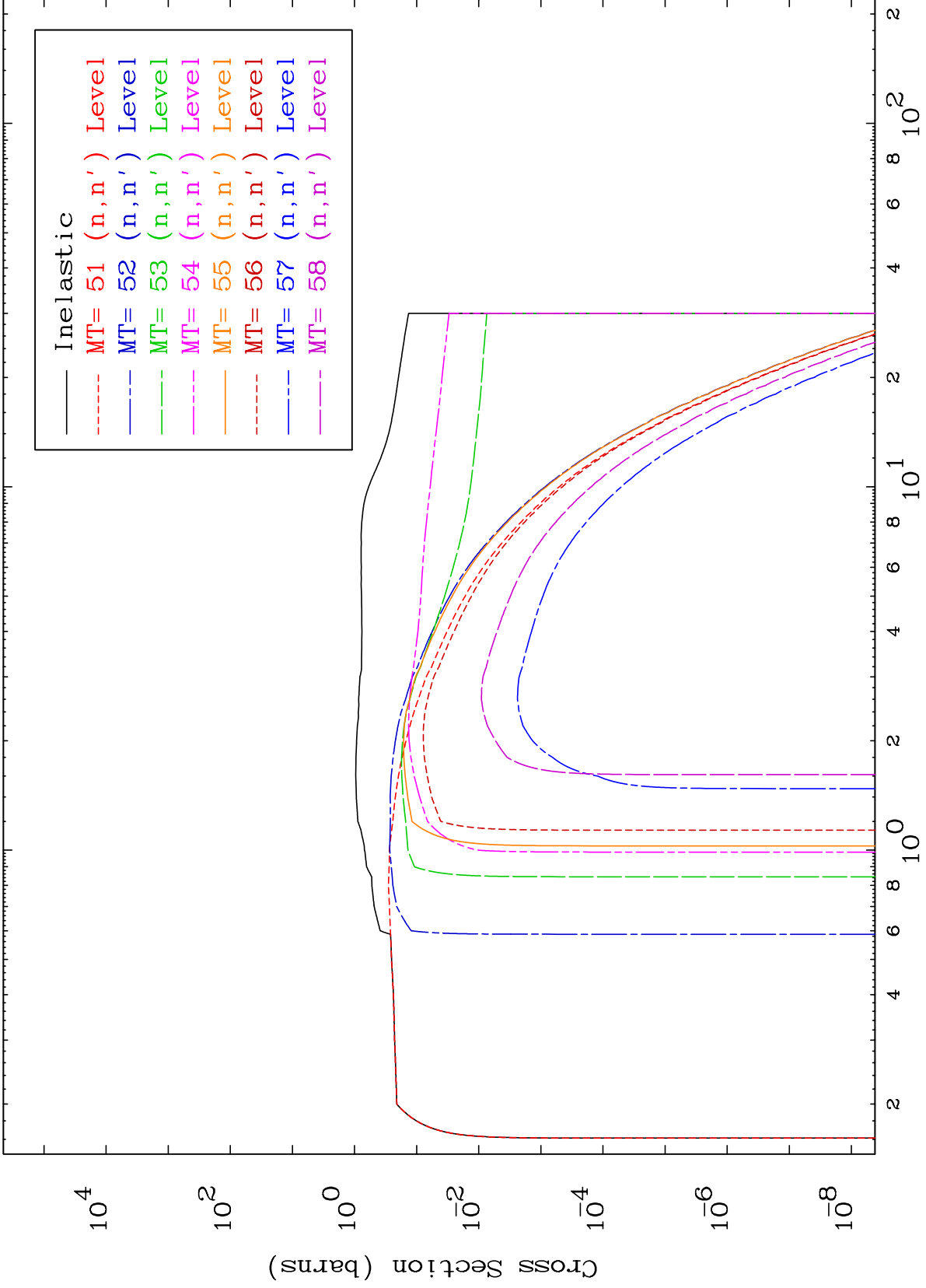
27-Co-56



MAT 2716

(n,n') Levels
293 Kelvin Cross Sections

27-Co-56

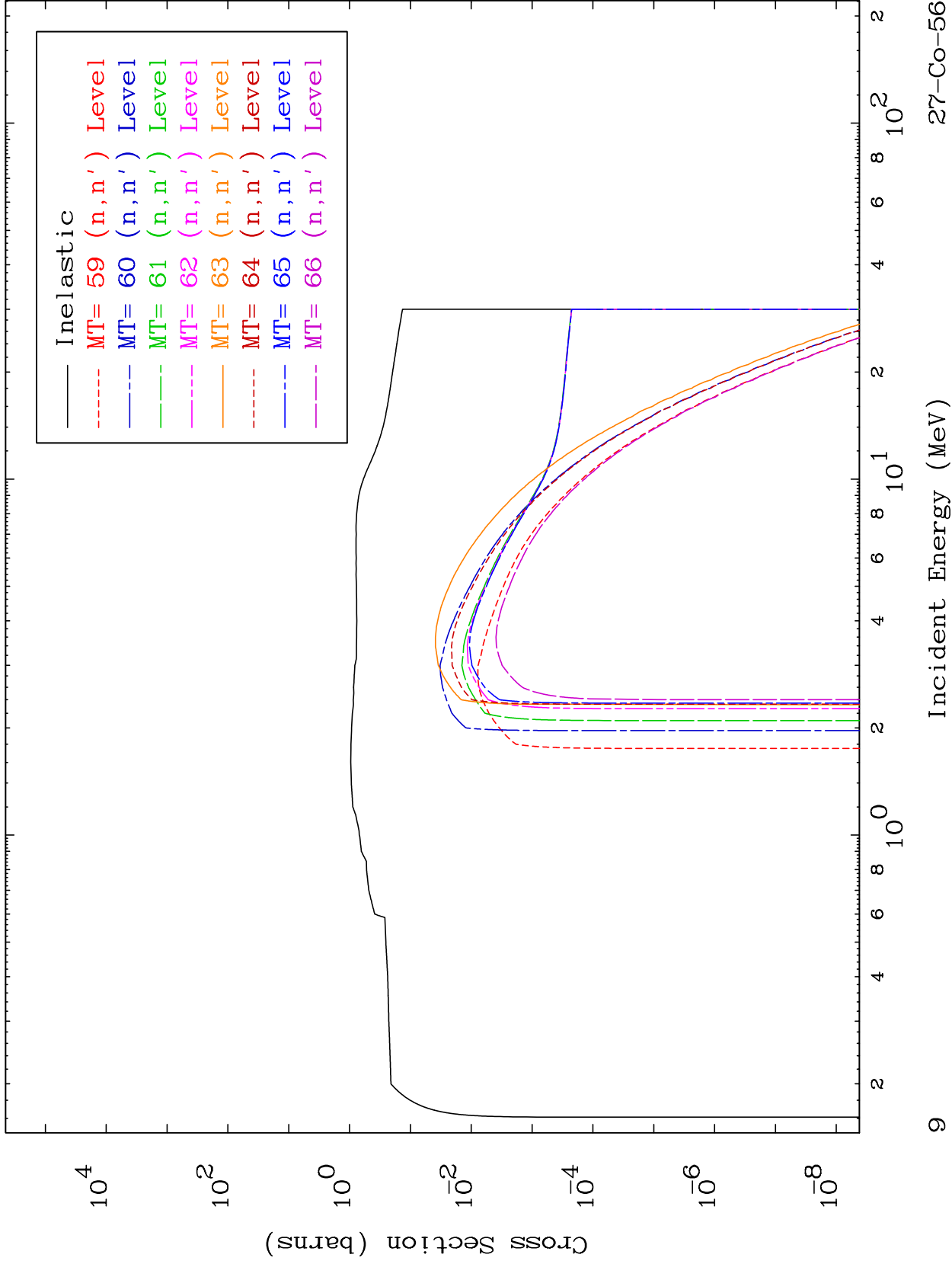


8

Incident Energy (MeV)

27-Co-56

293 Kelvin Cross Sections

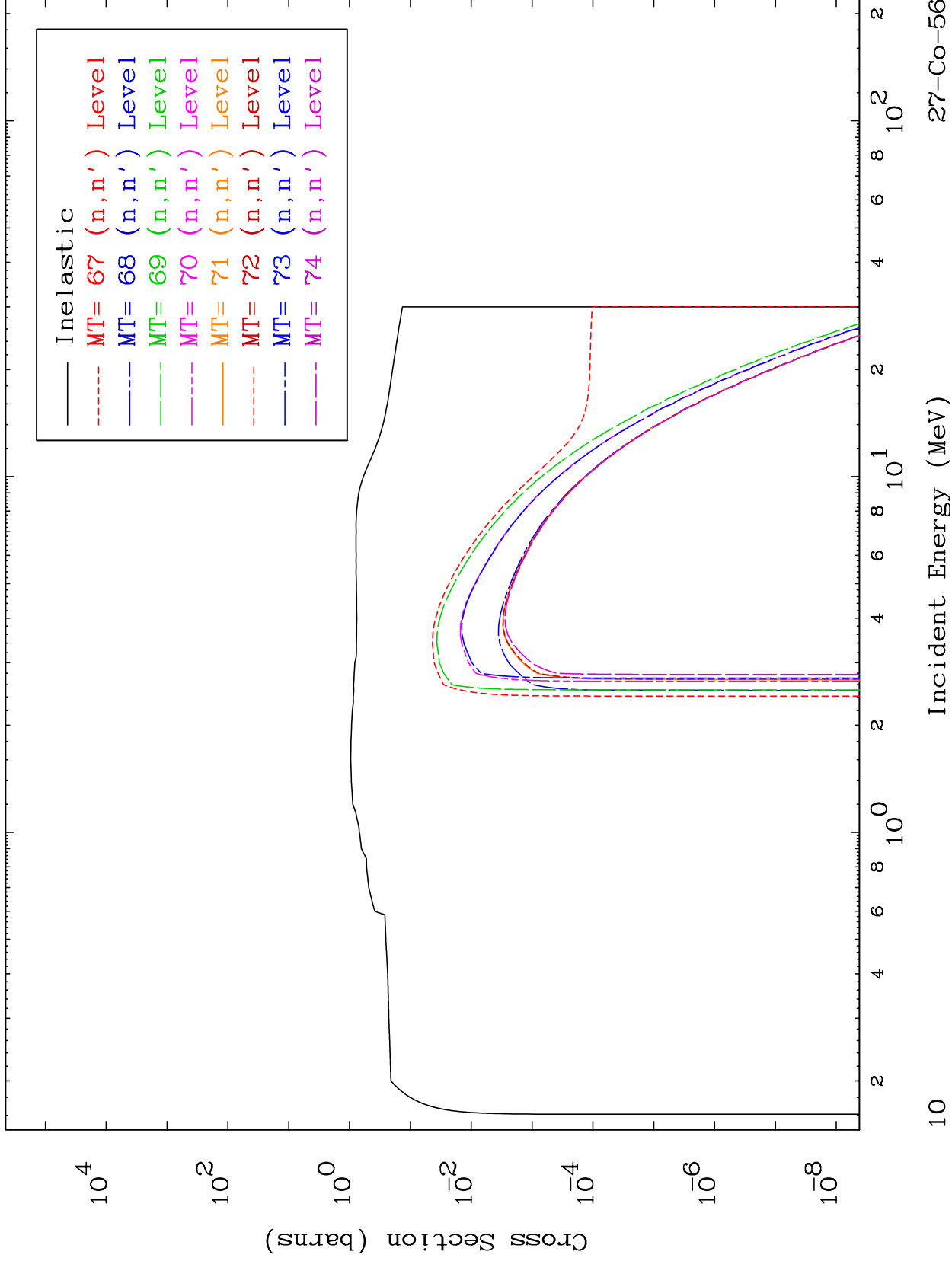


MAT 2716

(n,n') Levels

27-Co-56

293 Kelvin Cross Sections



10

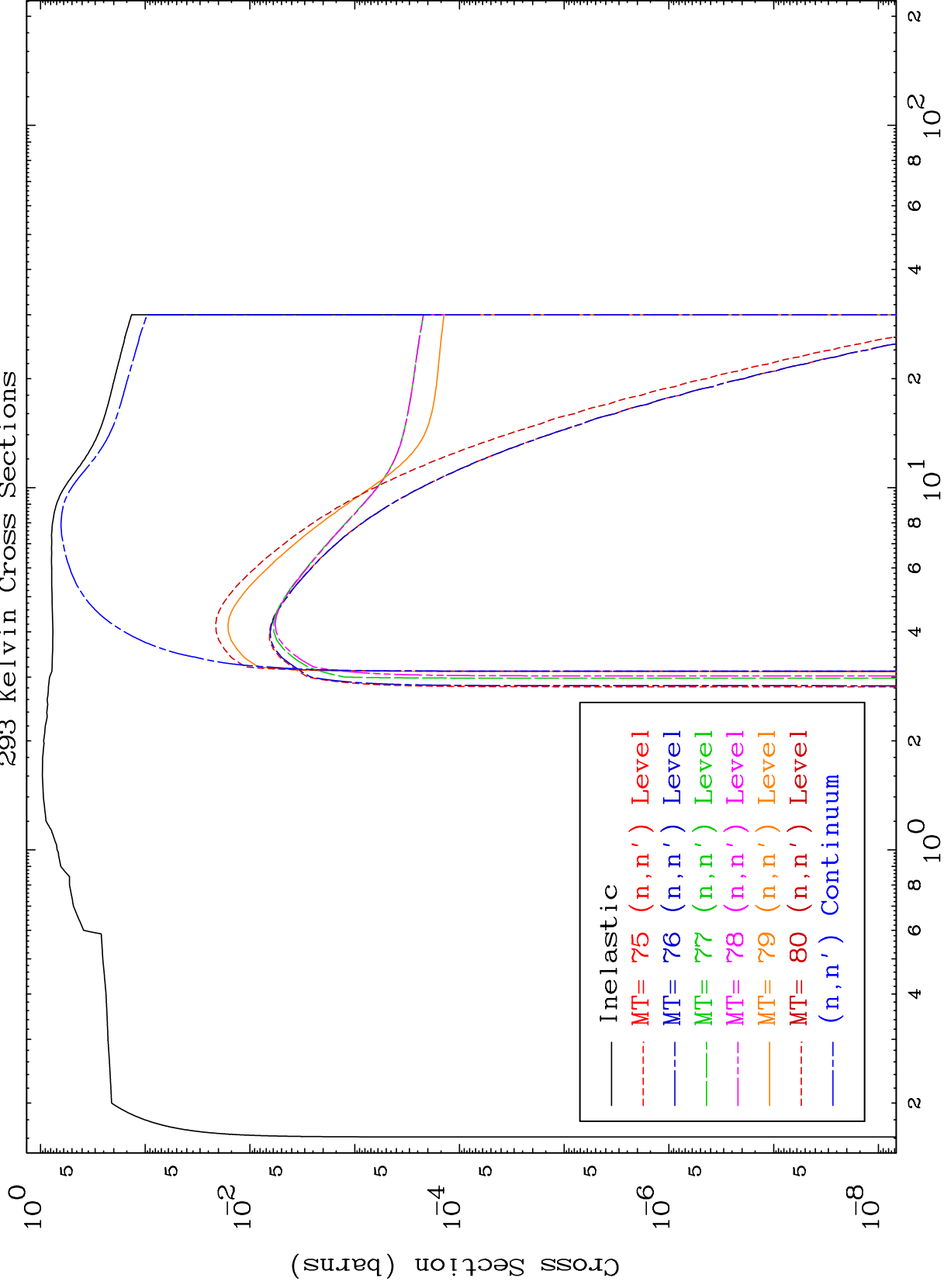
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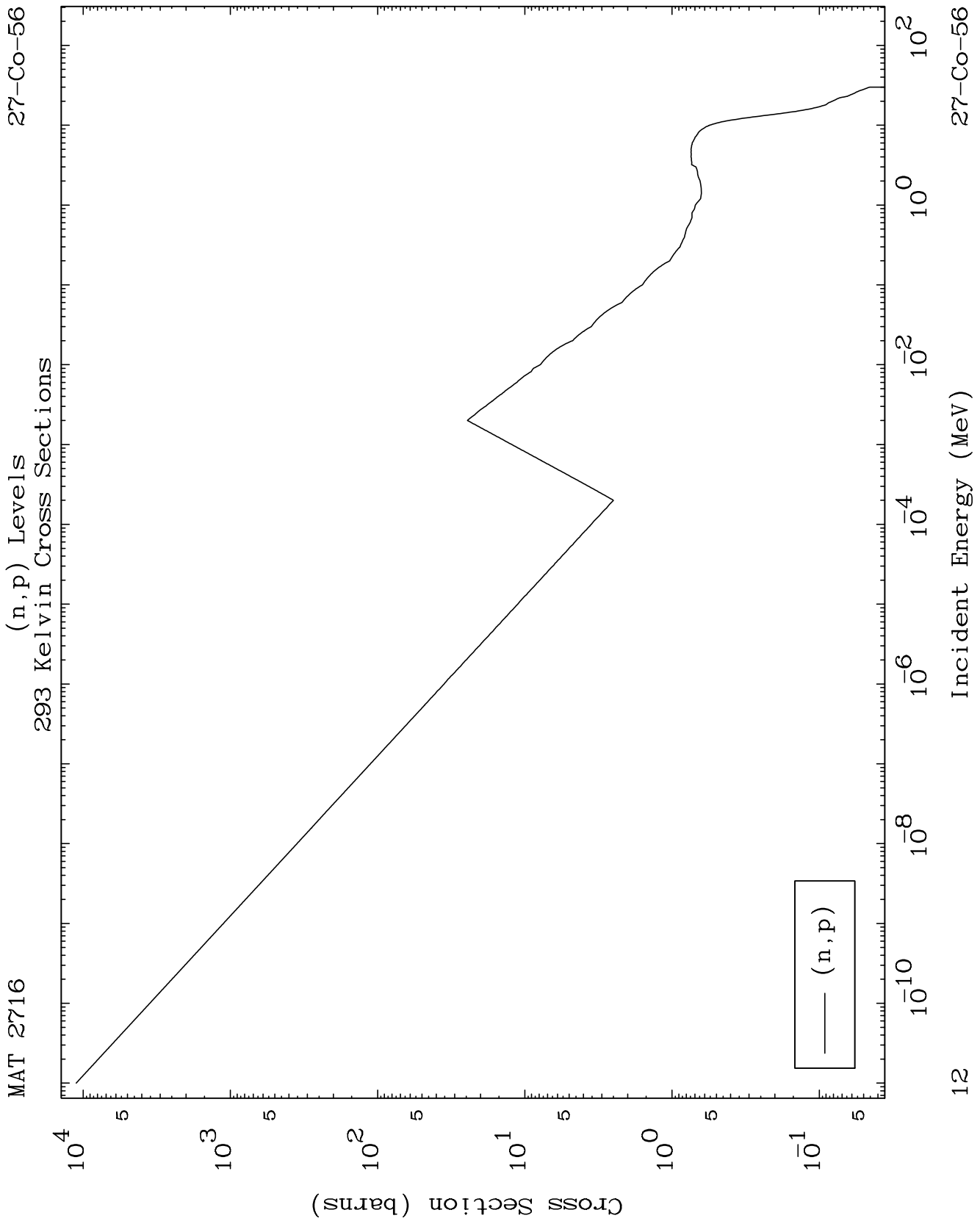
27-Co-56

MAT 2716

293 Kelvin Cross Sections
(n,n') Levels

27-Co-56

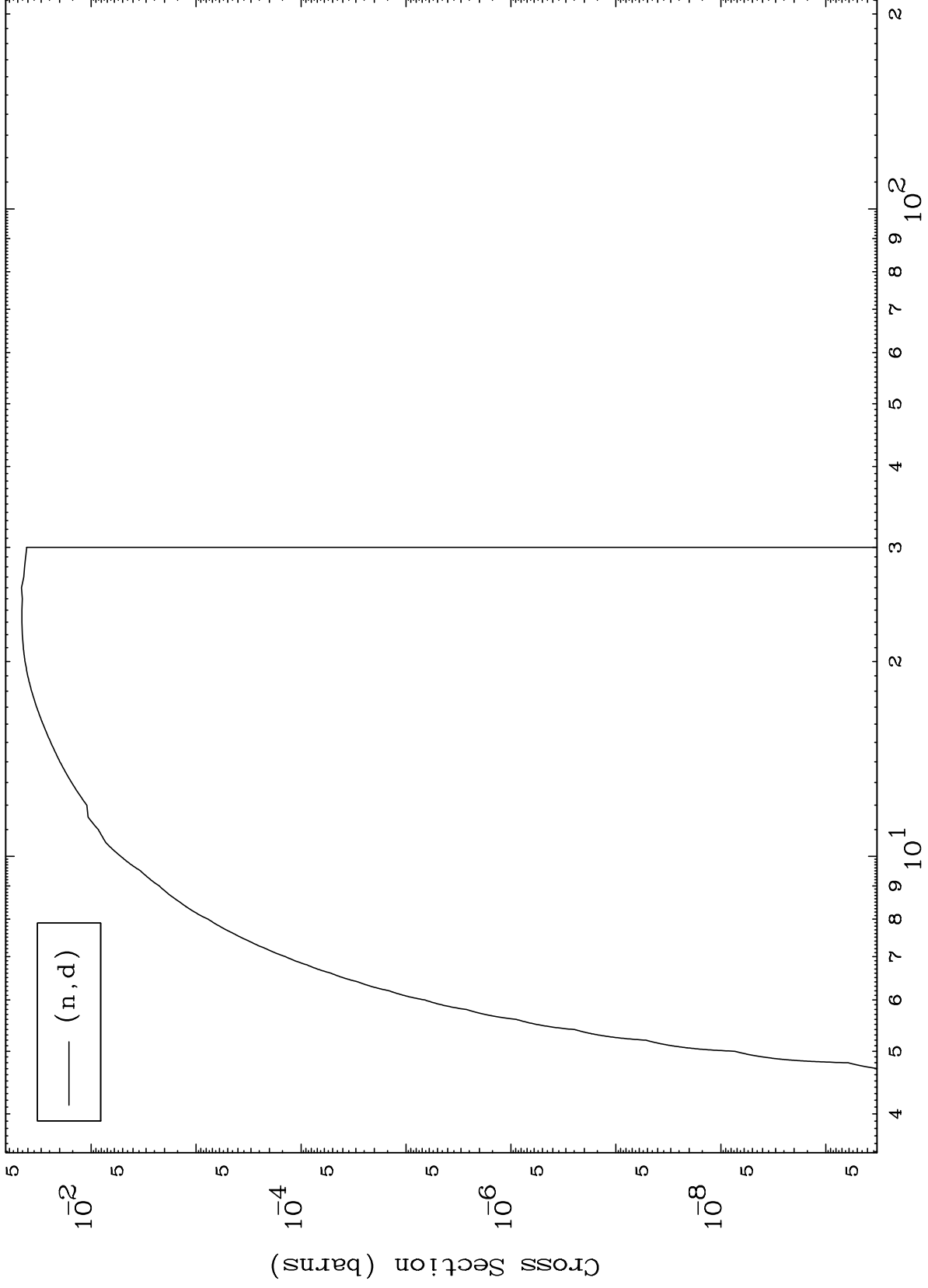




MAT 2716

(n,d) Levels
293 Kelvin Cross Sections

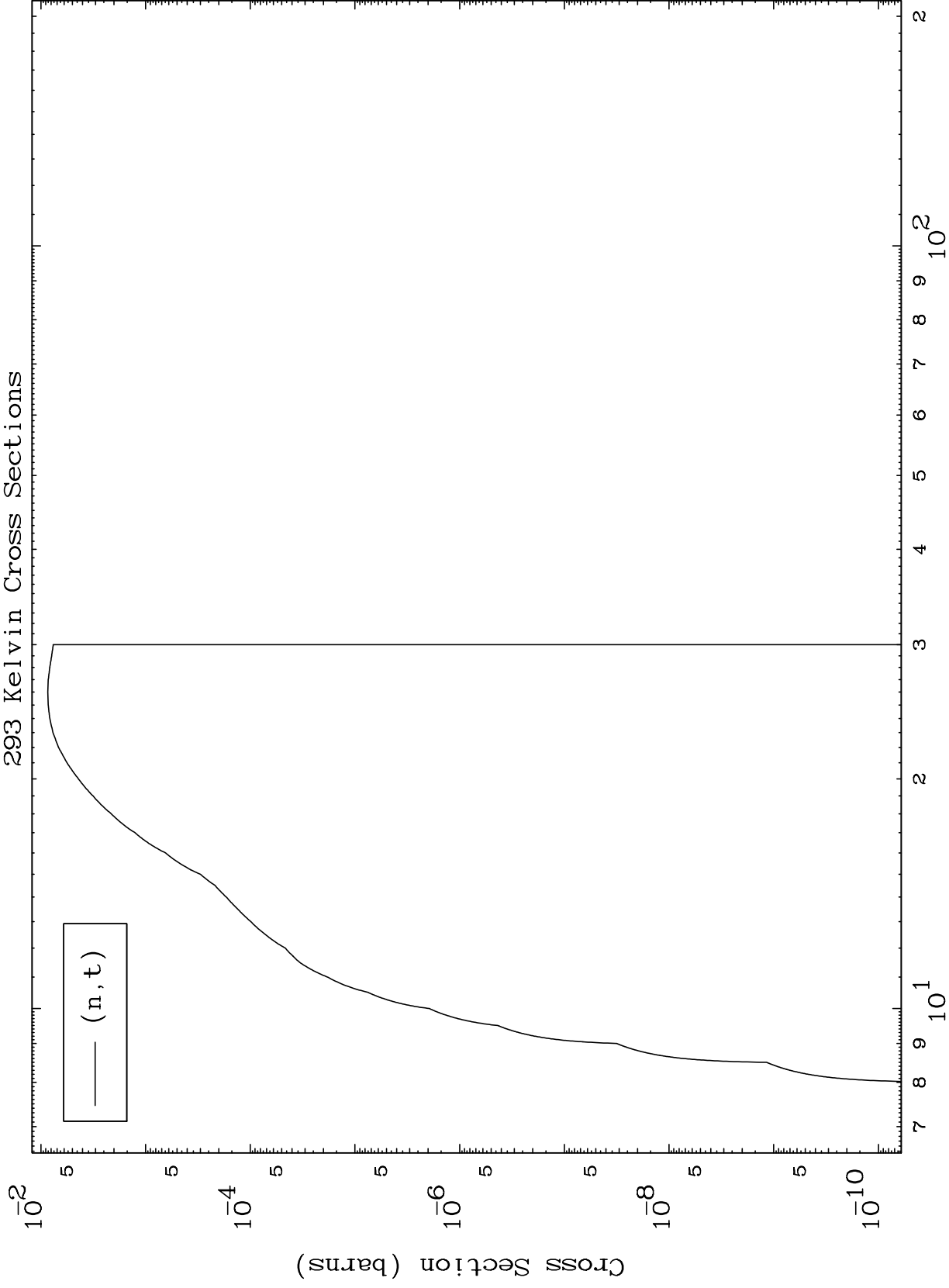
27-Co-56



MAT 2716

(n,t) Levels
293 Kelvin Cross Sections

27-Co-56



14

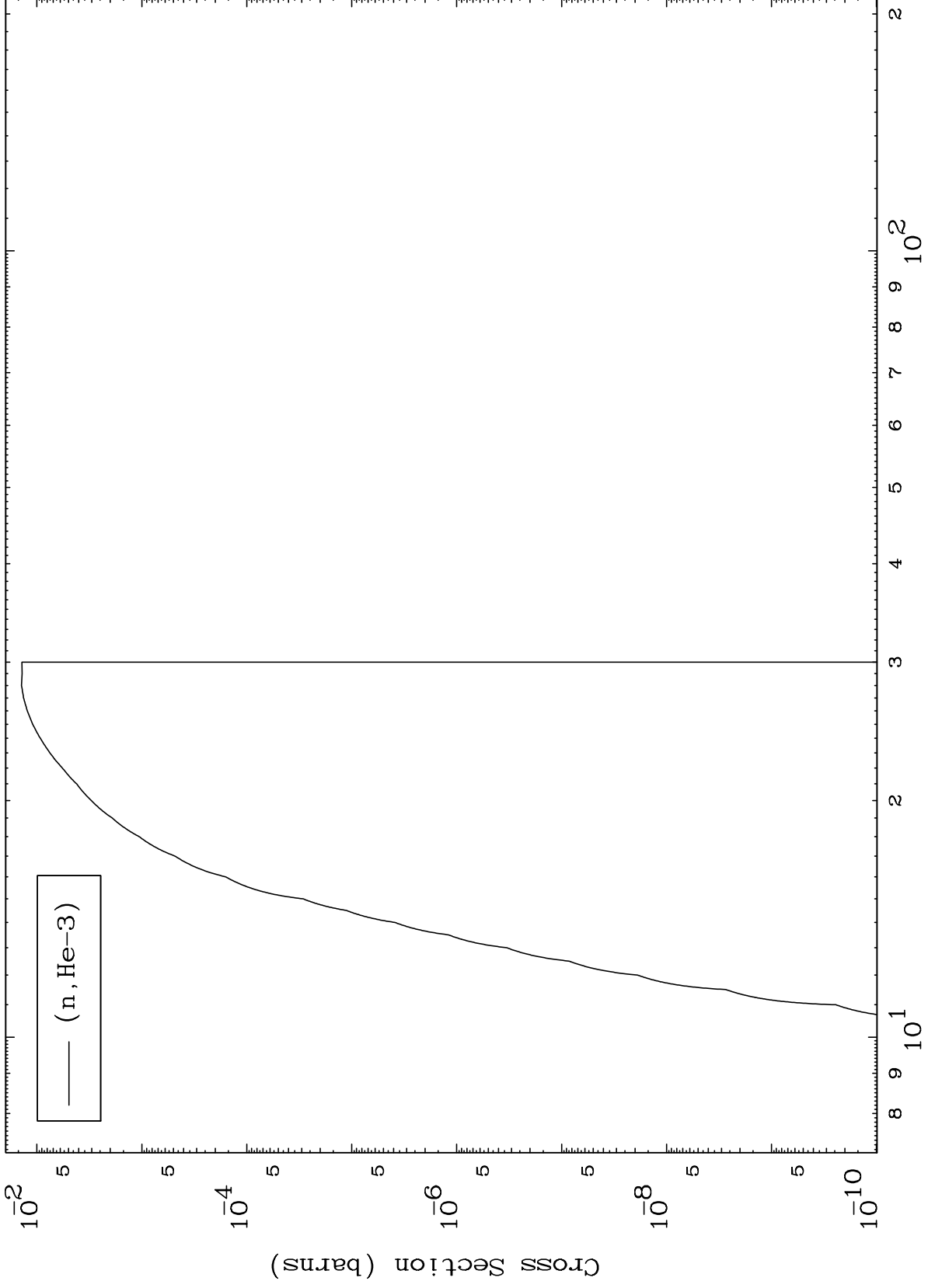
Incident Energy (MeV)

27-Co-56

MAT 2716

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-56



15

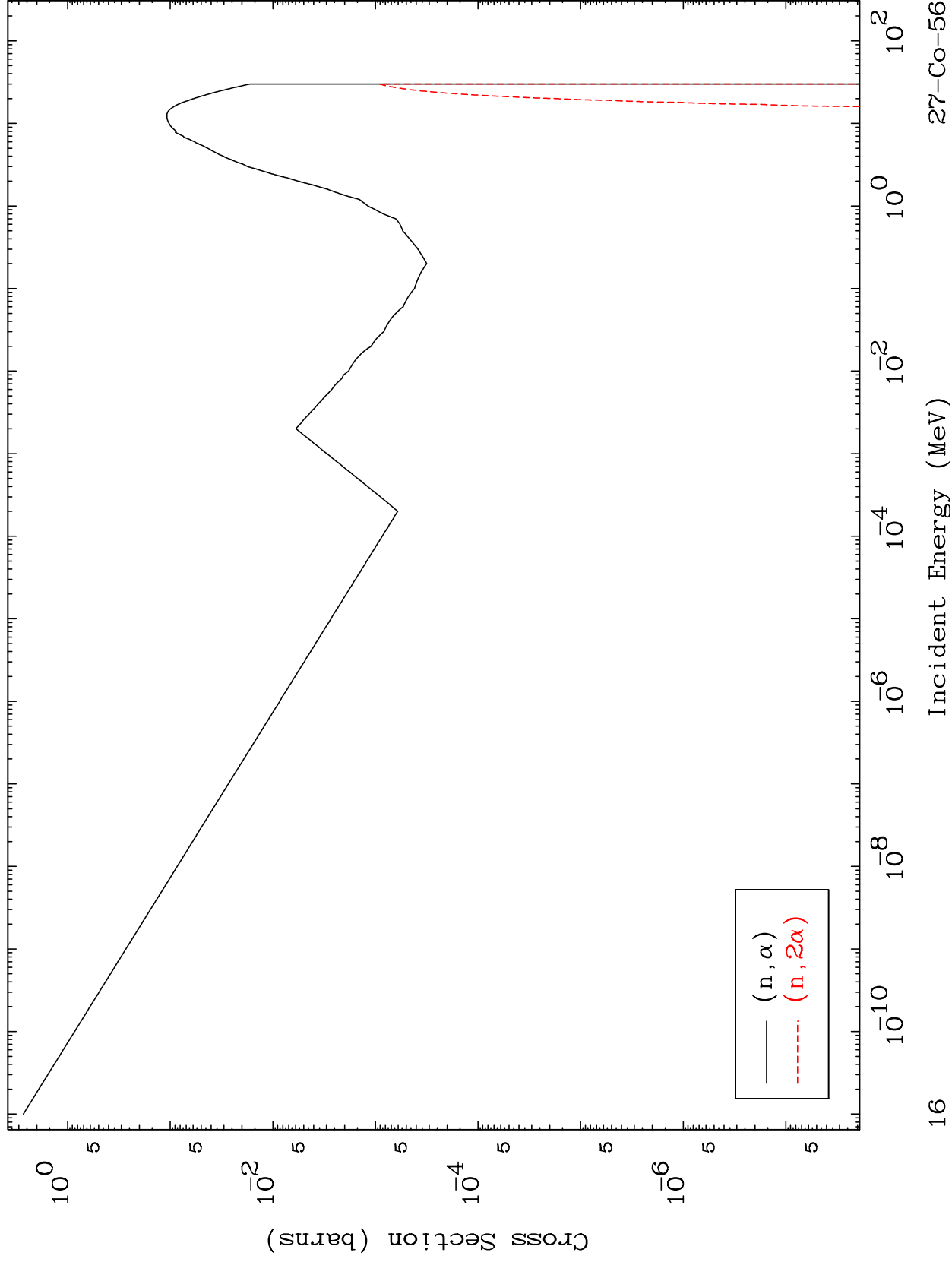
Incident Energy (MeV)

27-Co-56

MAT 2716

(n,α) Levels
293 Kelvin Cross Sections

27-Co-56

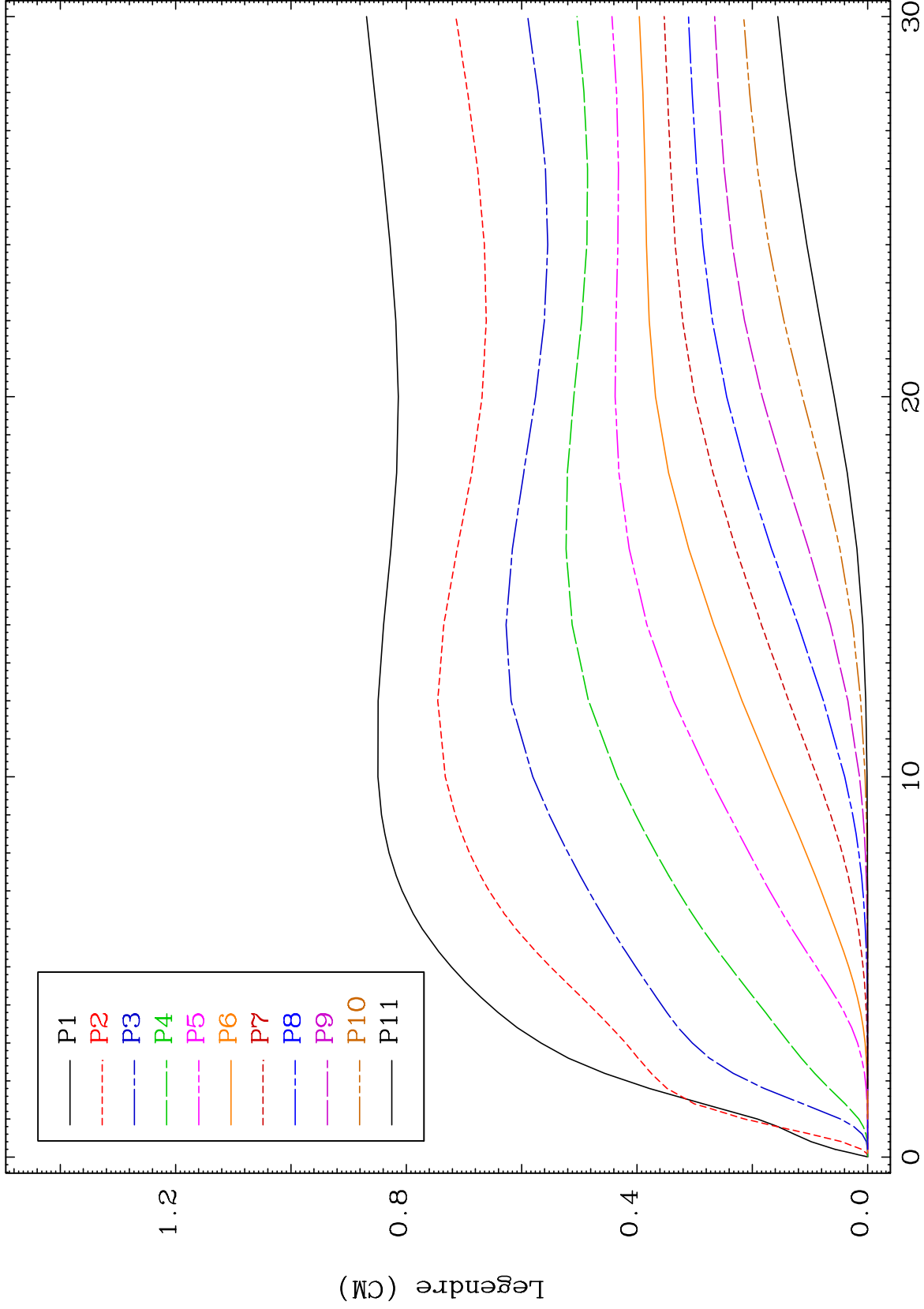


16

MAT 2716

Elastic Legendre Coefficients

27-Co-56



17

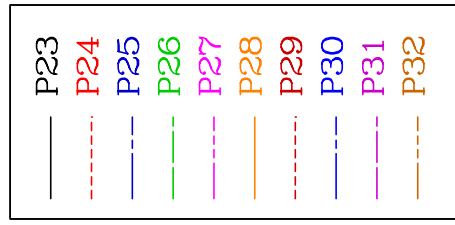
Incident Energy (MeV)

27-Co-56

MAT 2716

Elastic Legendre Coefficients

27-Co-56



$\times 10^{-6}$

Legendre (CM)

1

0

10

15

20

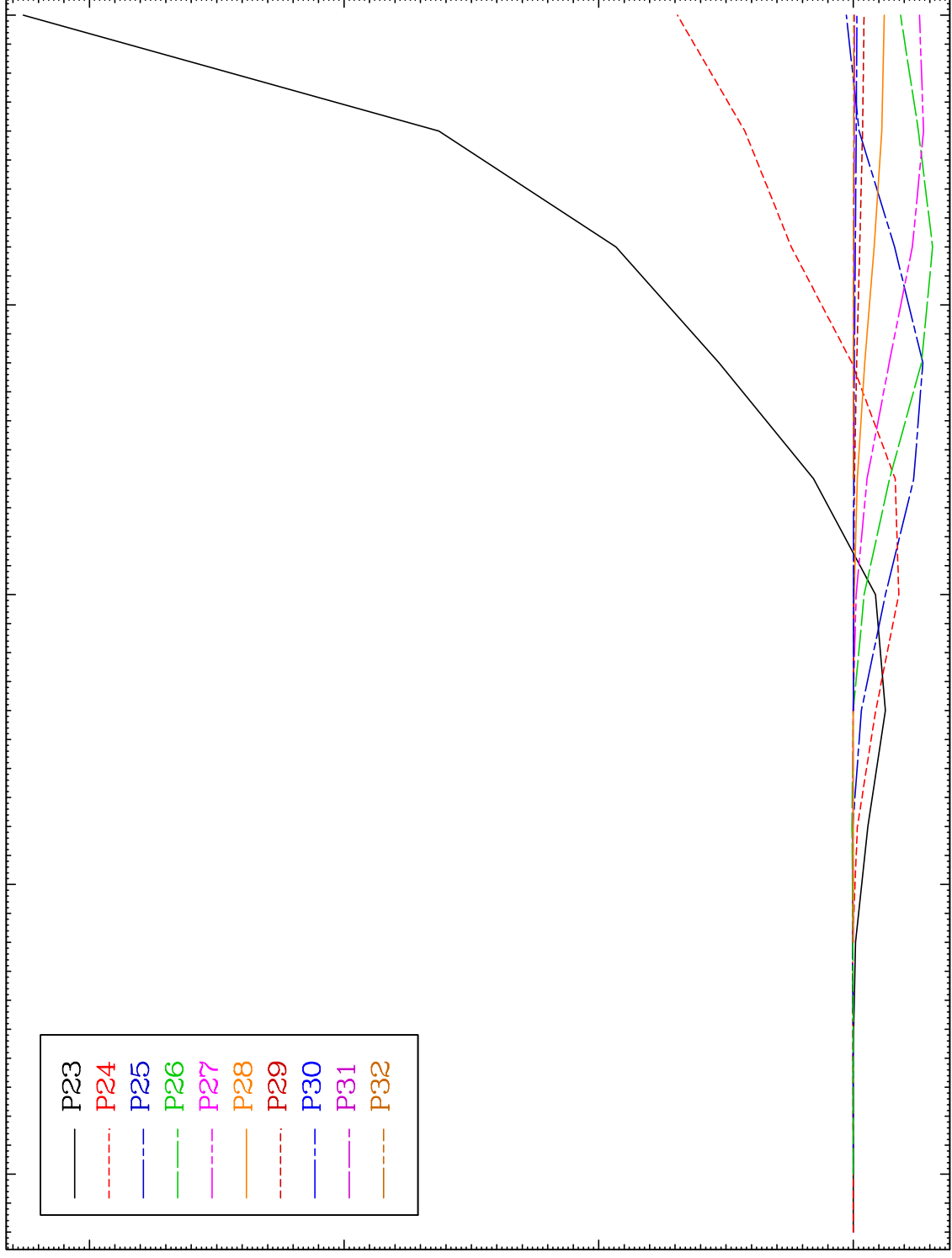
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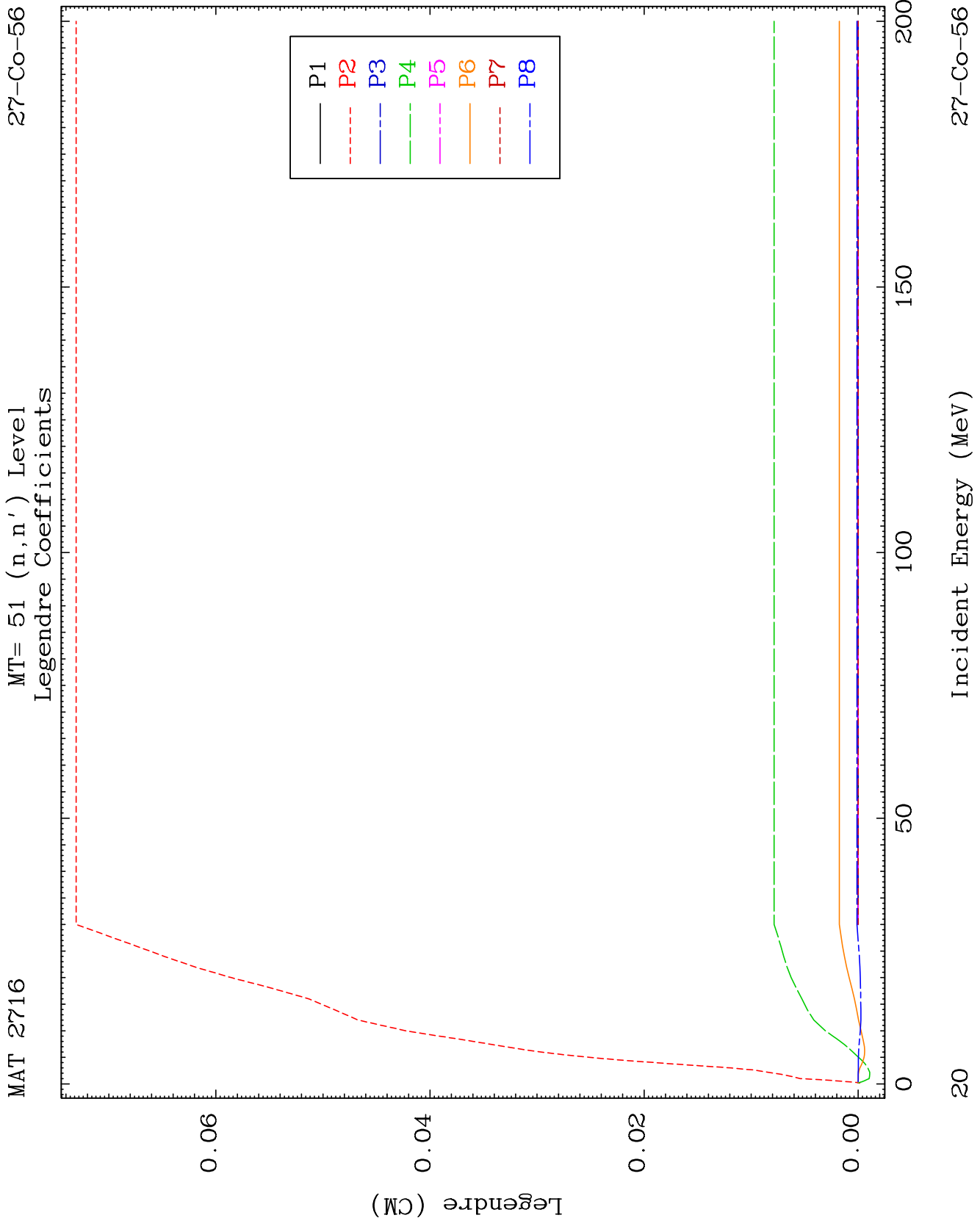
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19

Incident Energy (MeV)

27-Co-56

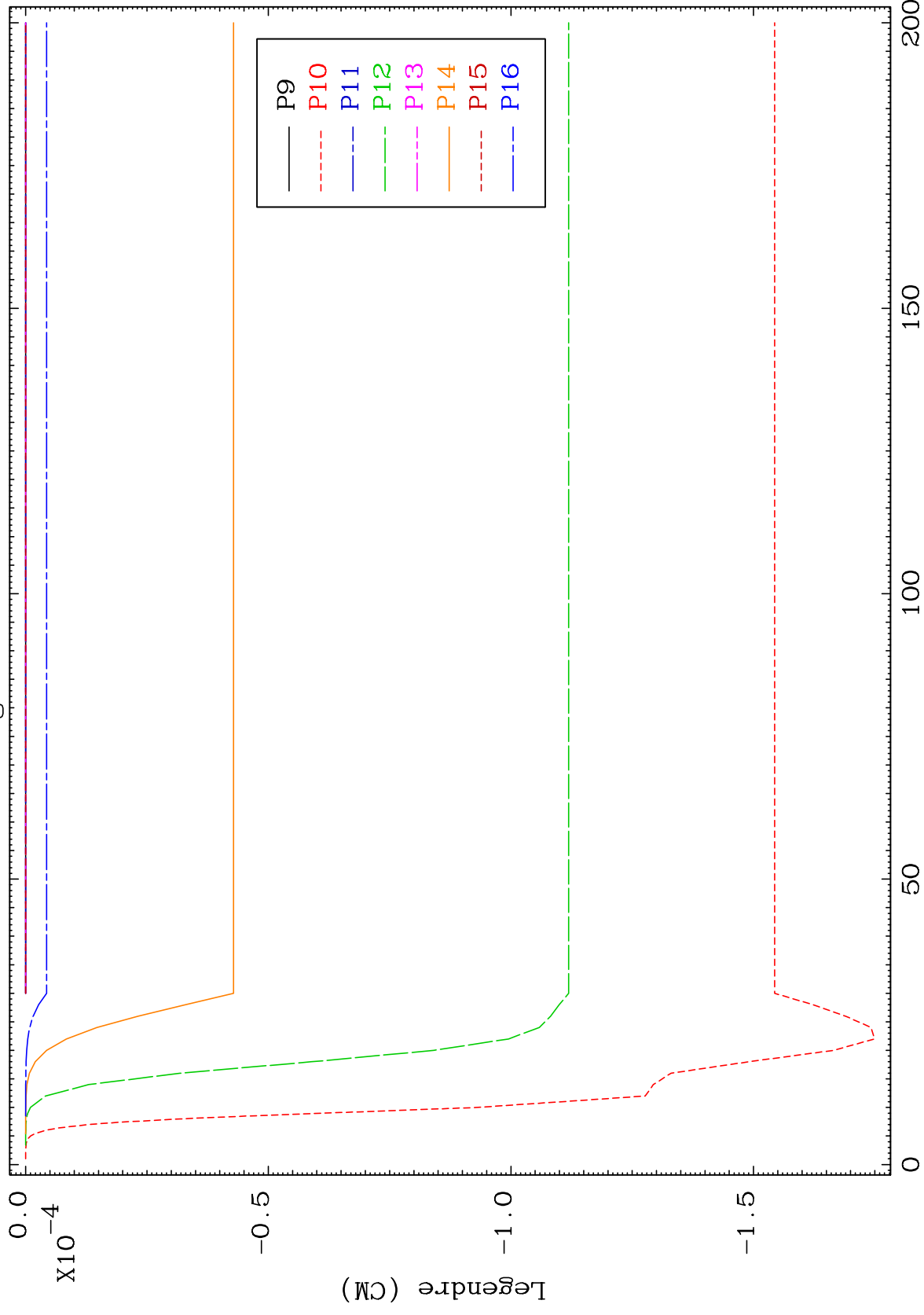




MAT 2716

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

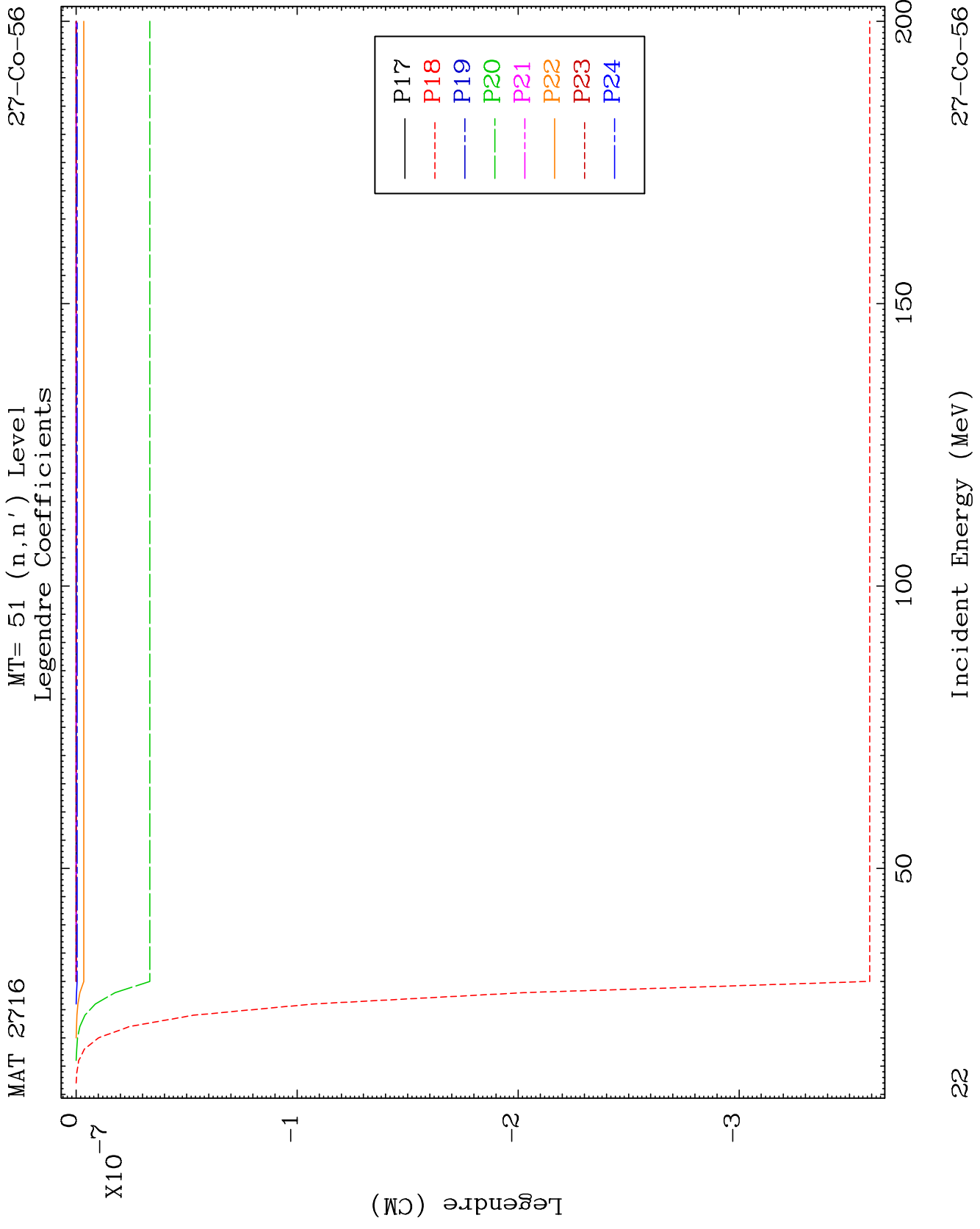
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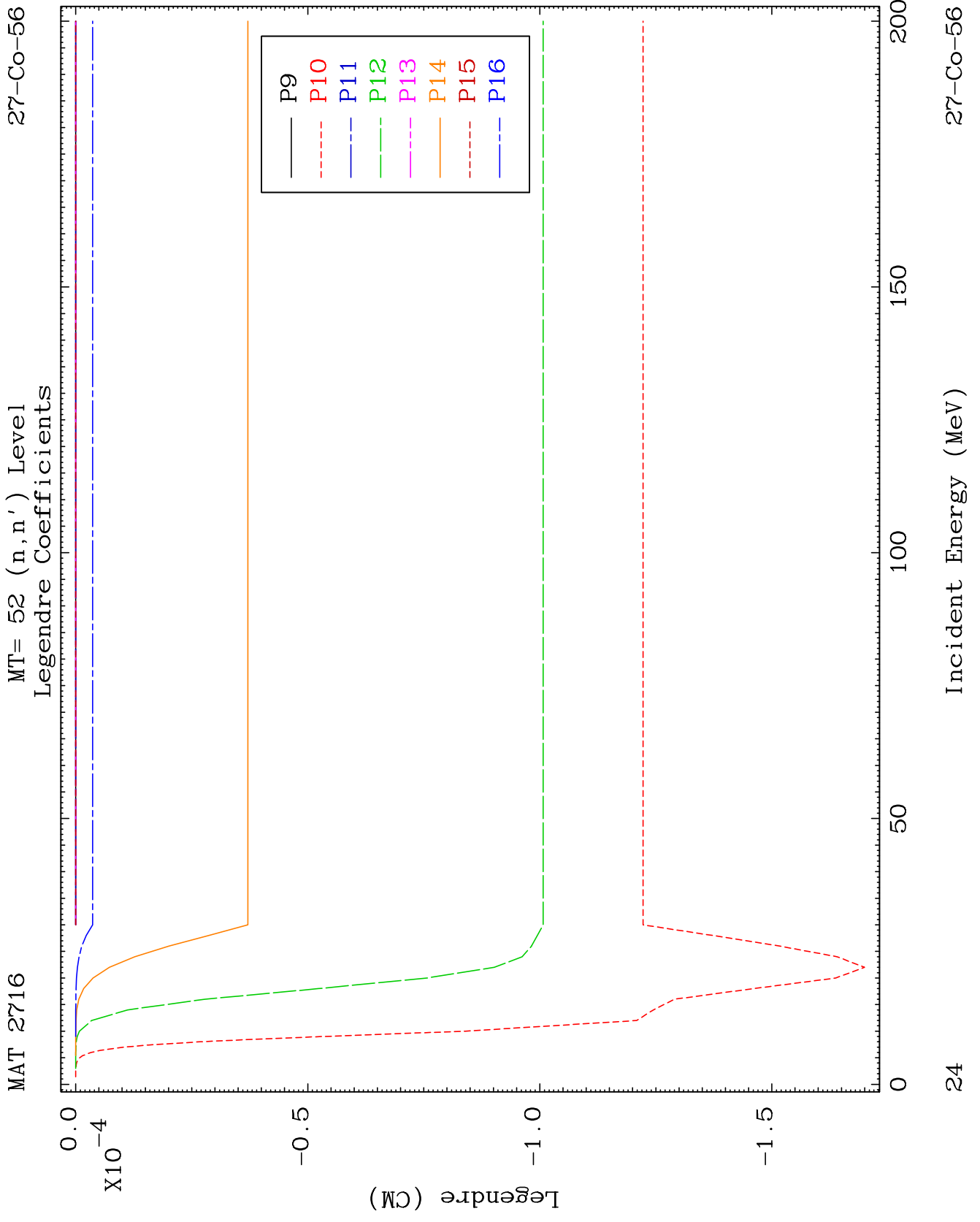


27-Co-56

Incident Energy (MeV)

21

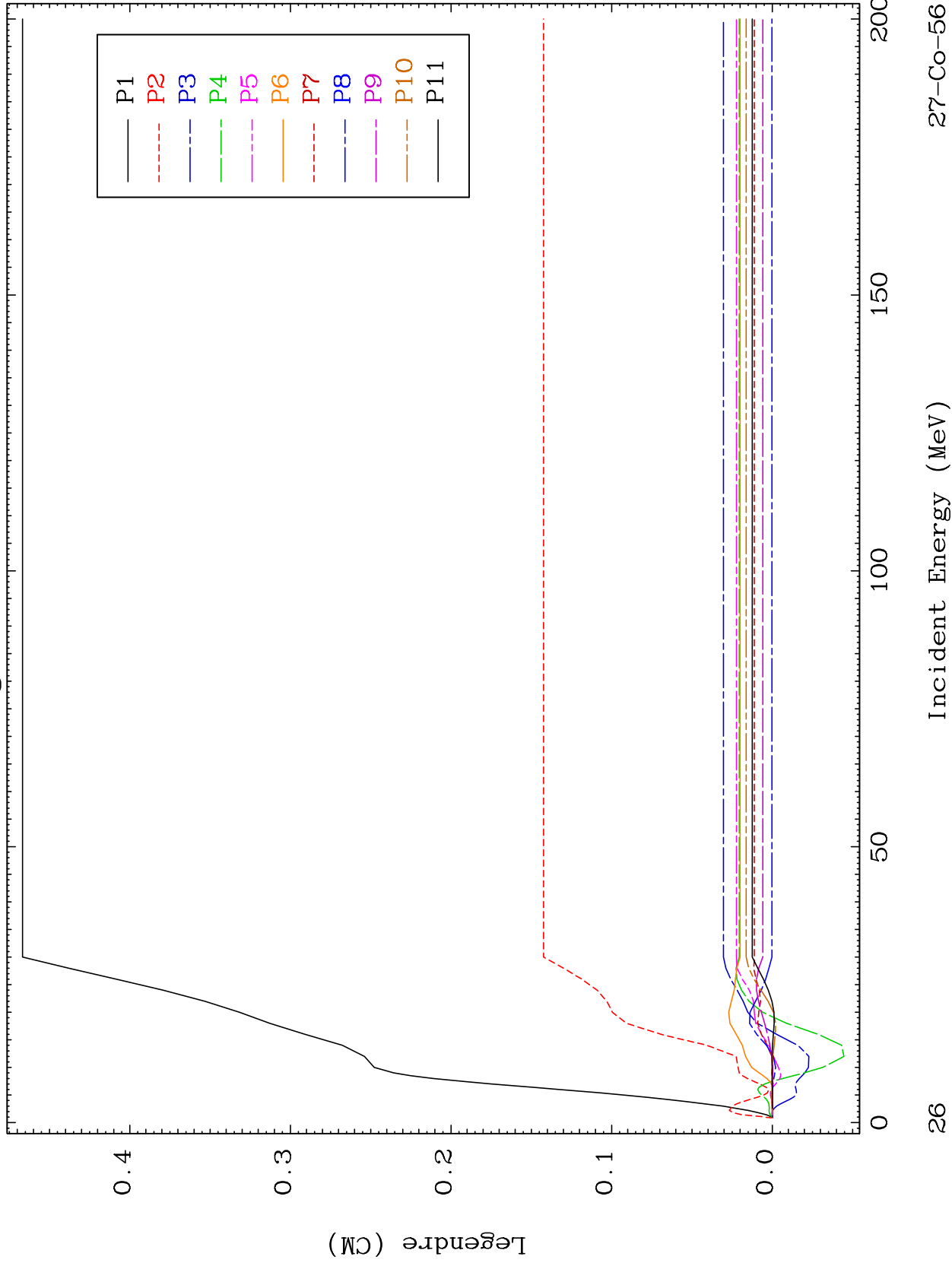




MAT 2716

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

27-Co-56



27-Co-56

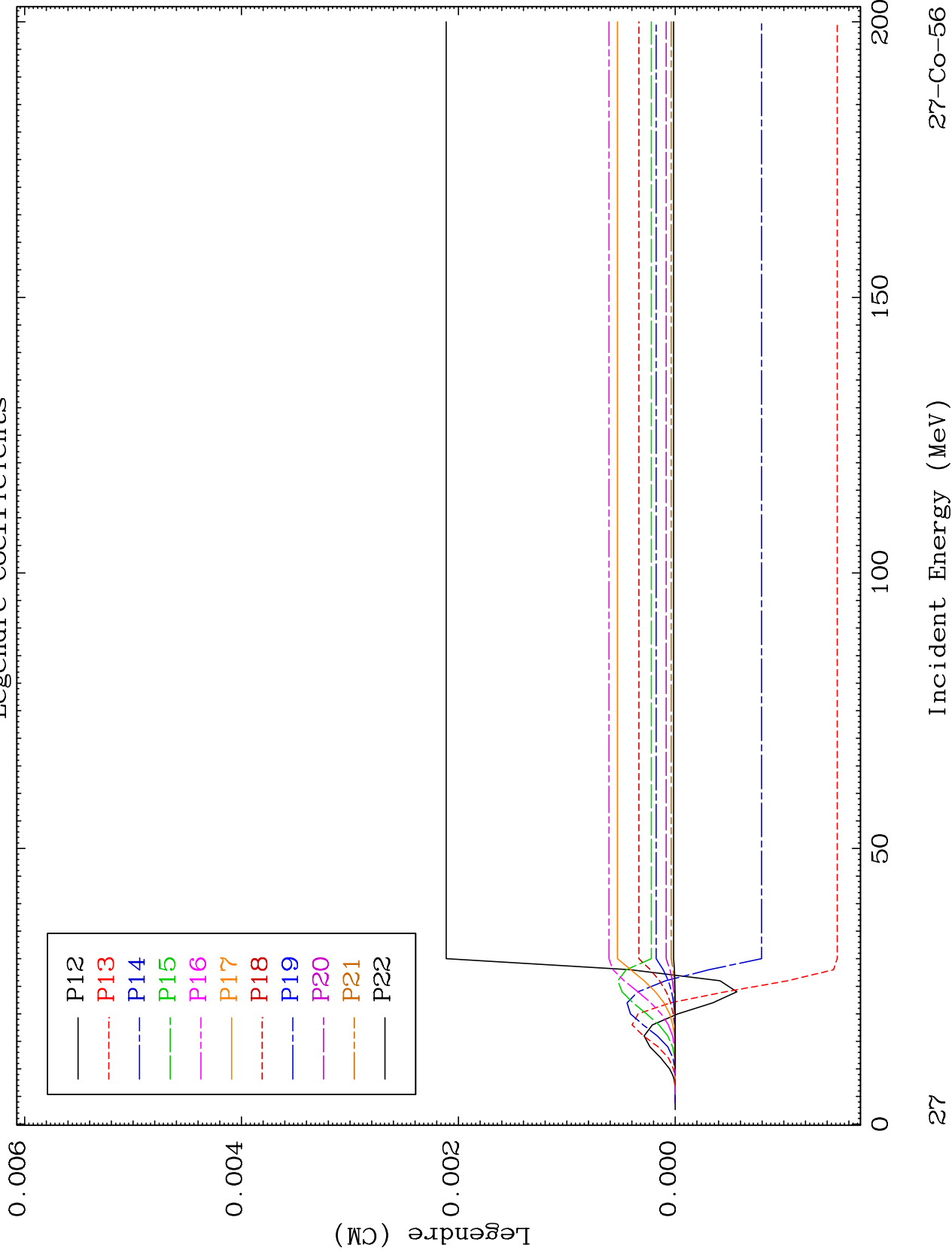
Incident Energy (MeV)

26

MAT 2716

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

27-Co-56



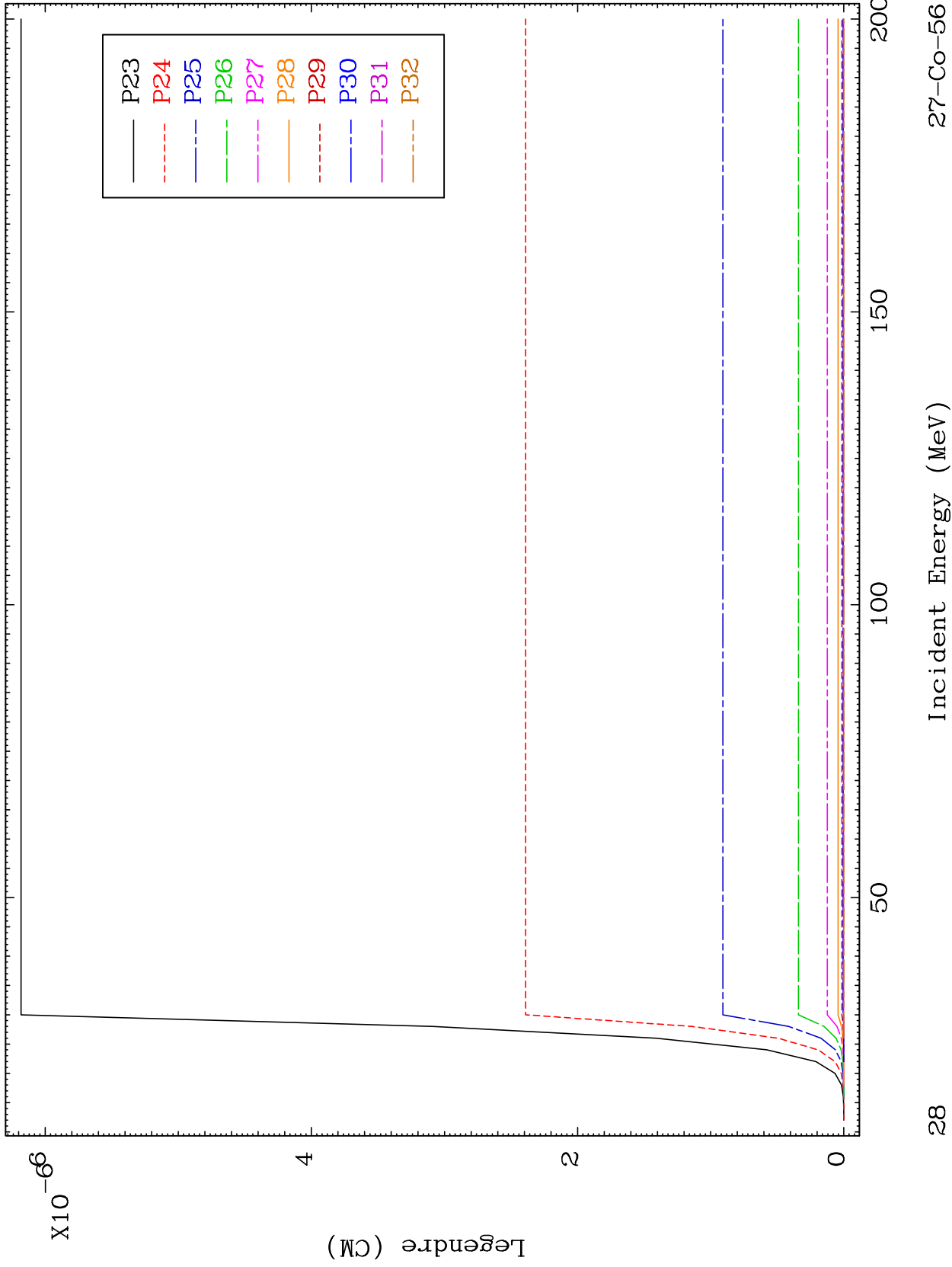
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27-Co-56

MAT 2716

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

27-Co-56



28

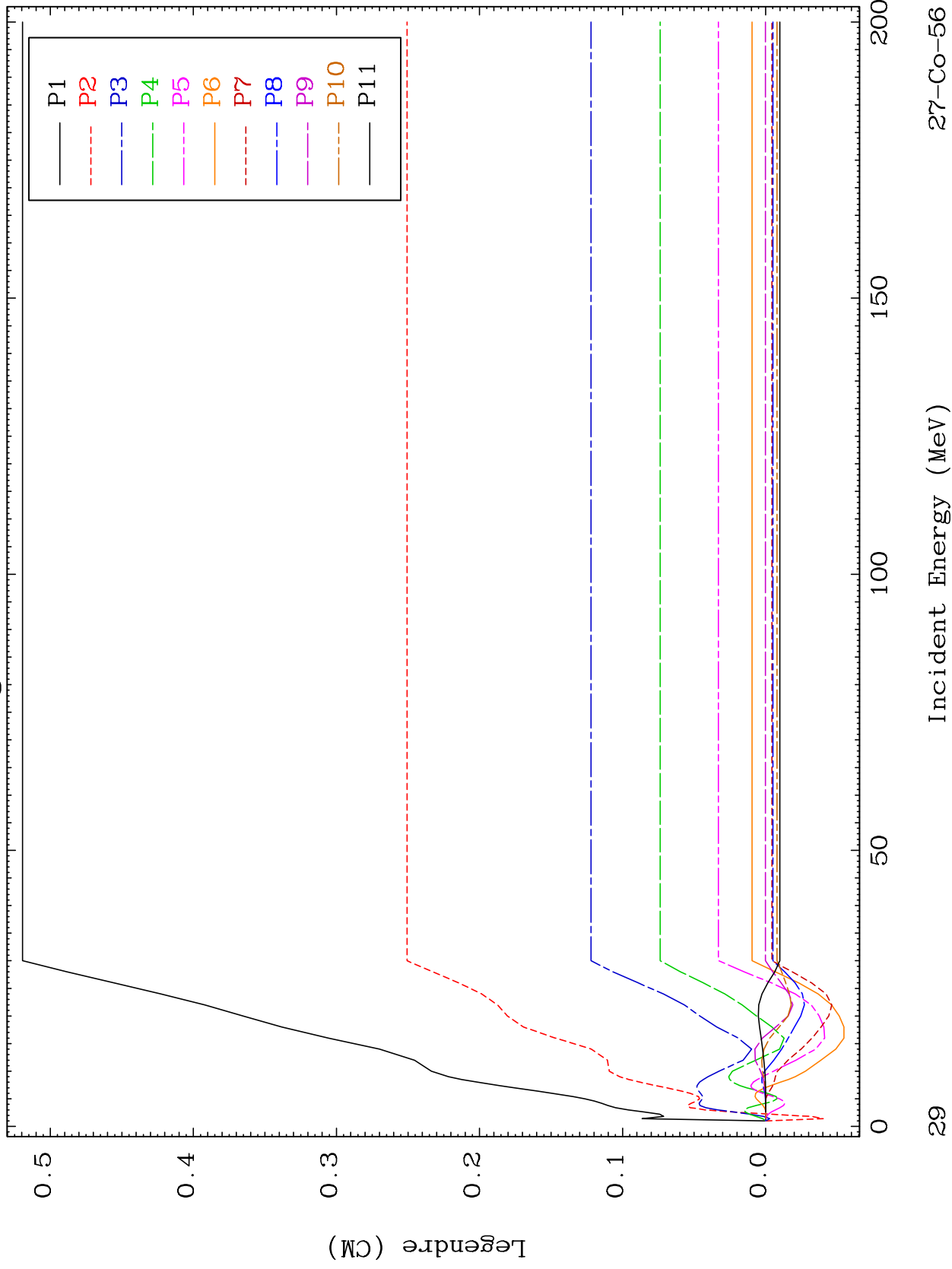
Incident Energy (MeV)

27-Co-56

MAT 2716

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

27-Co-56



27-Co-56

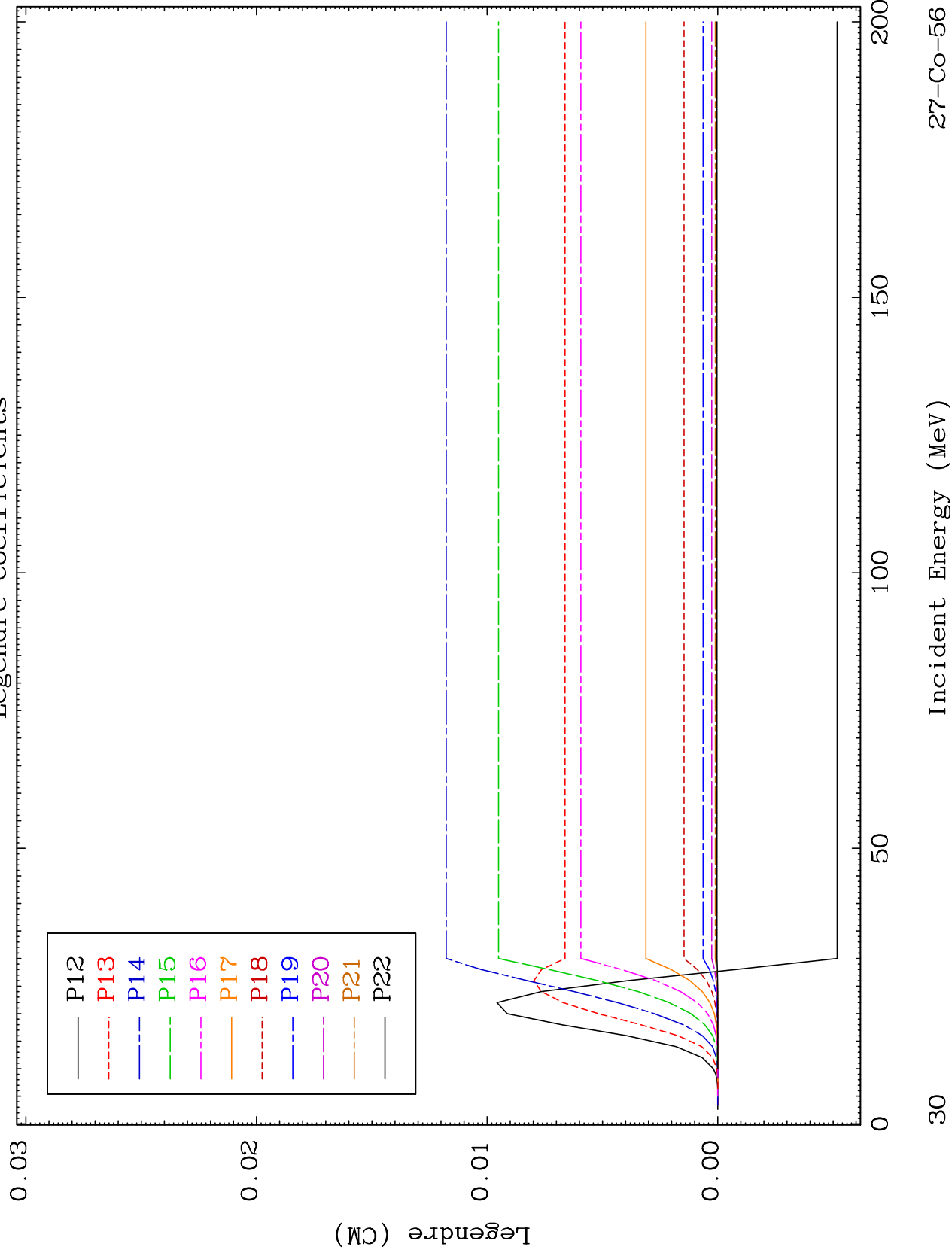
Incident Energy (MeV)

29

MAT 2716

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

27-Co-56



27-Co-56

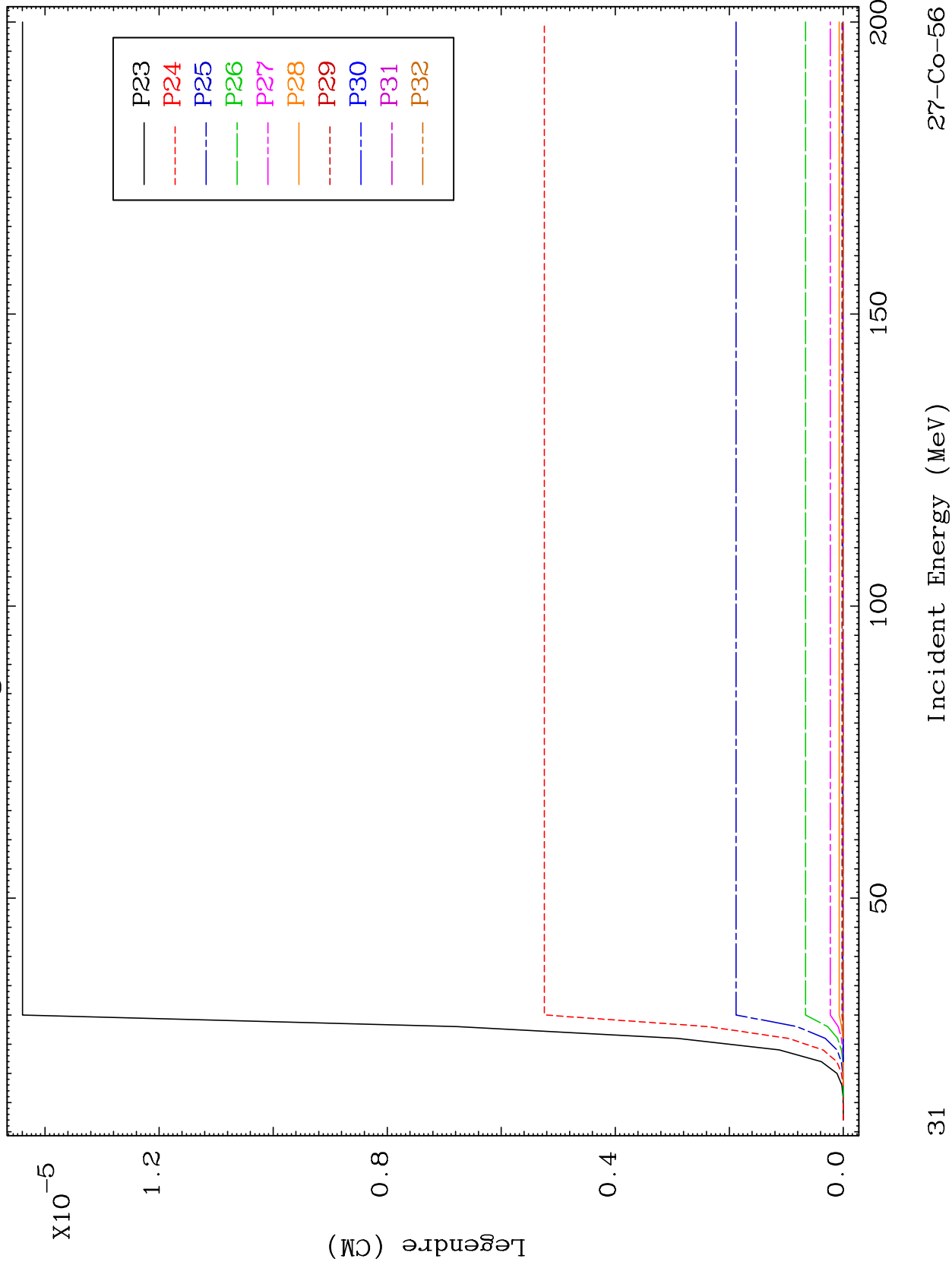
Incident Energy (MeV)

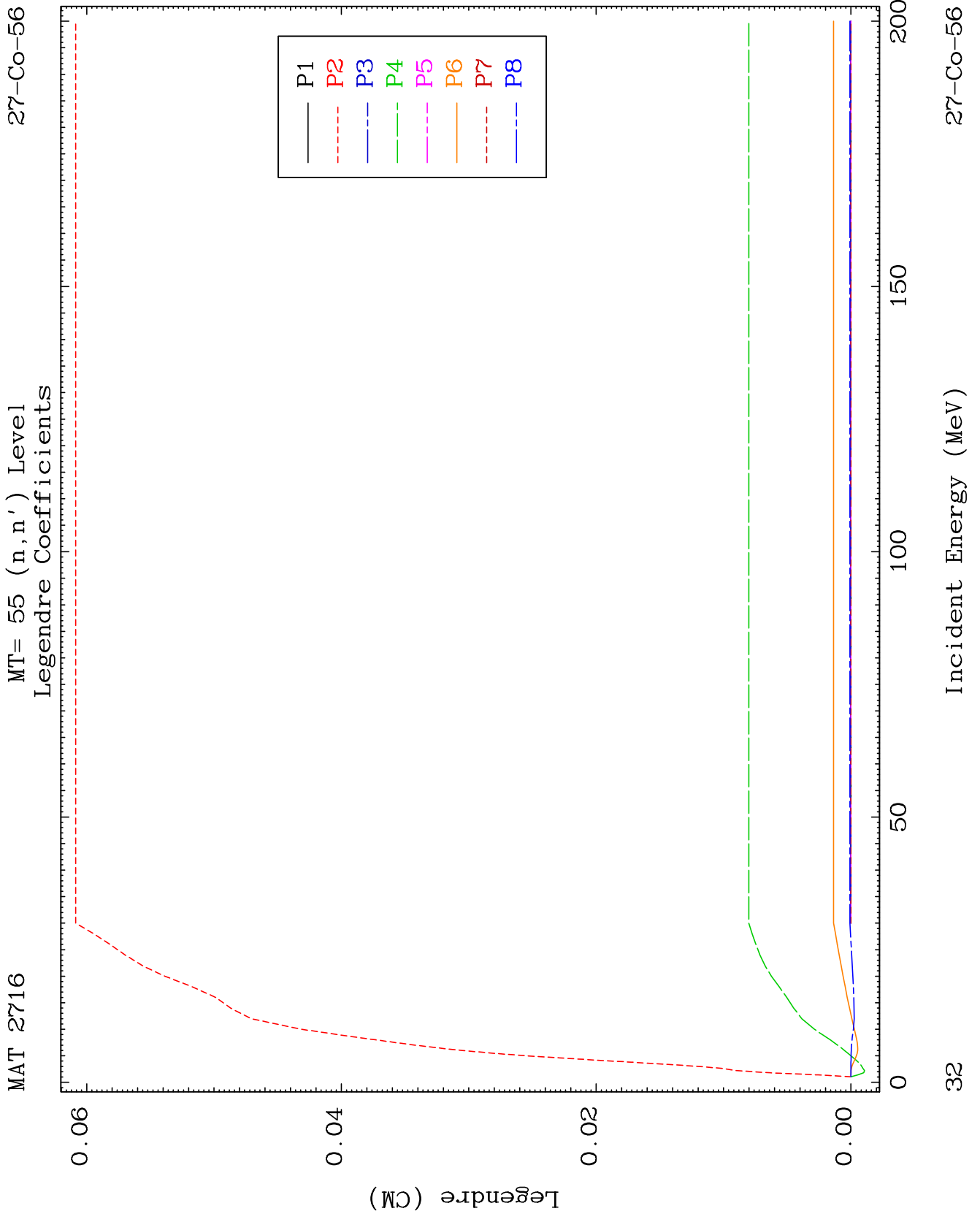
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MAT 2716

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

27-Co-56



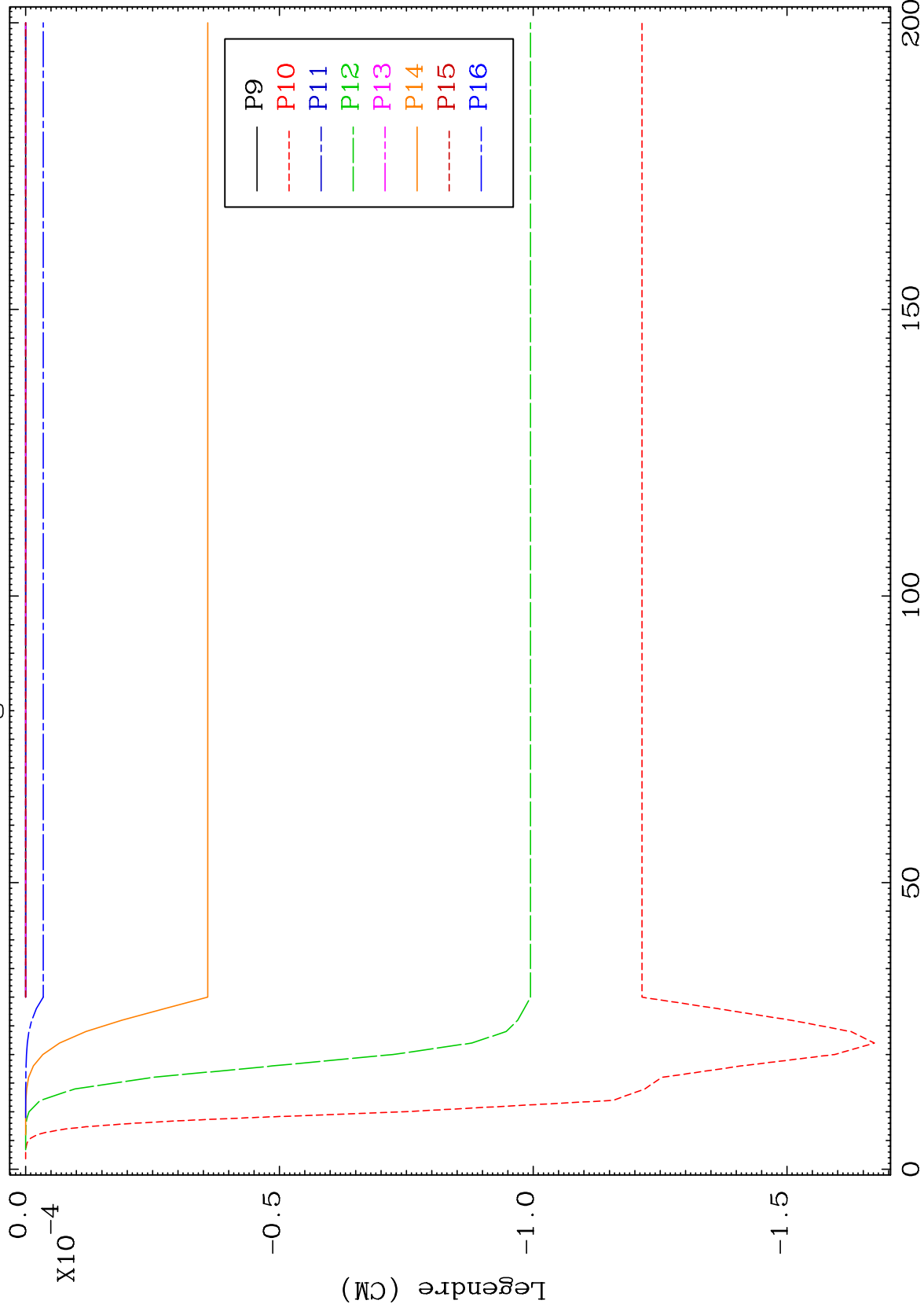


MAT 2716

MT= 55 (n,n') Level

Legendre Coefficients

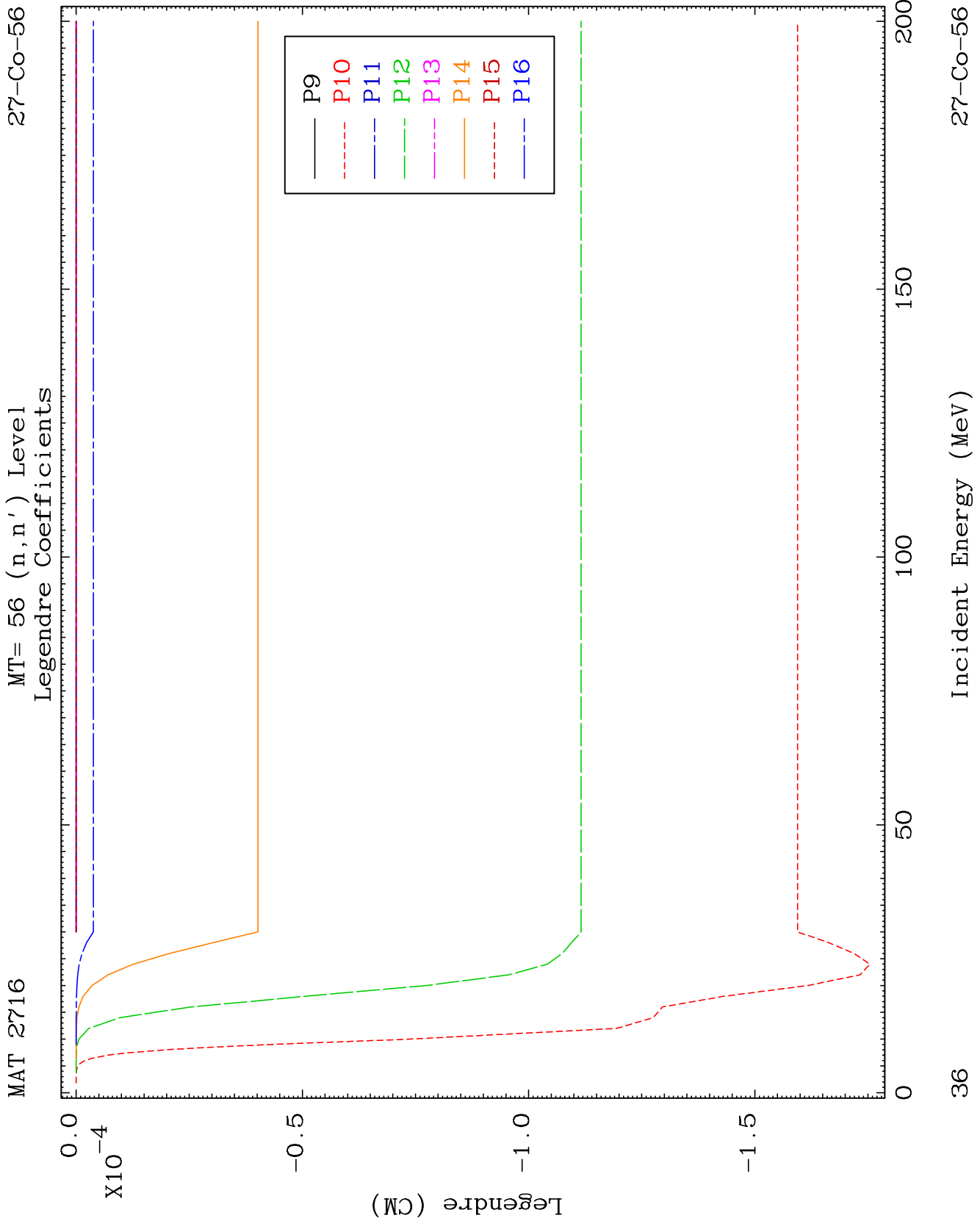
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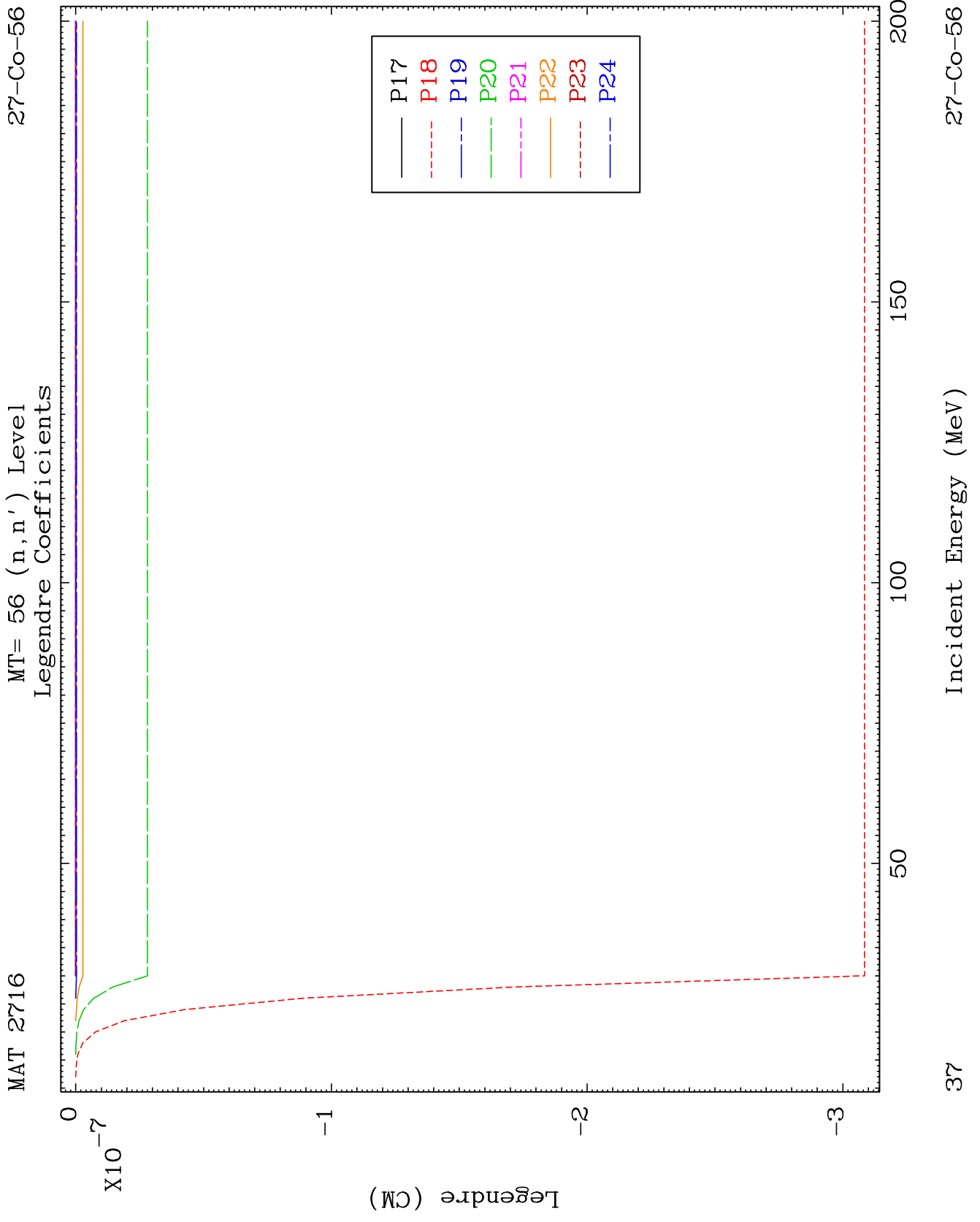


27-Co-56

Incident Energy (MeV)

33

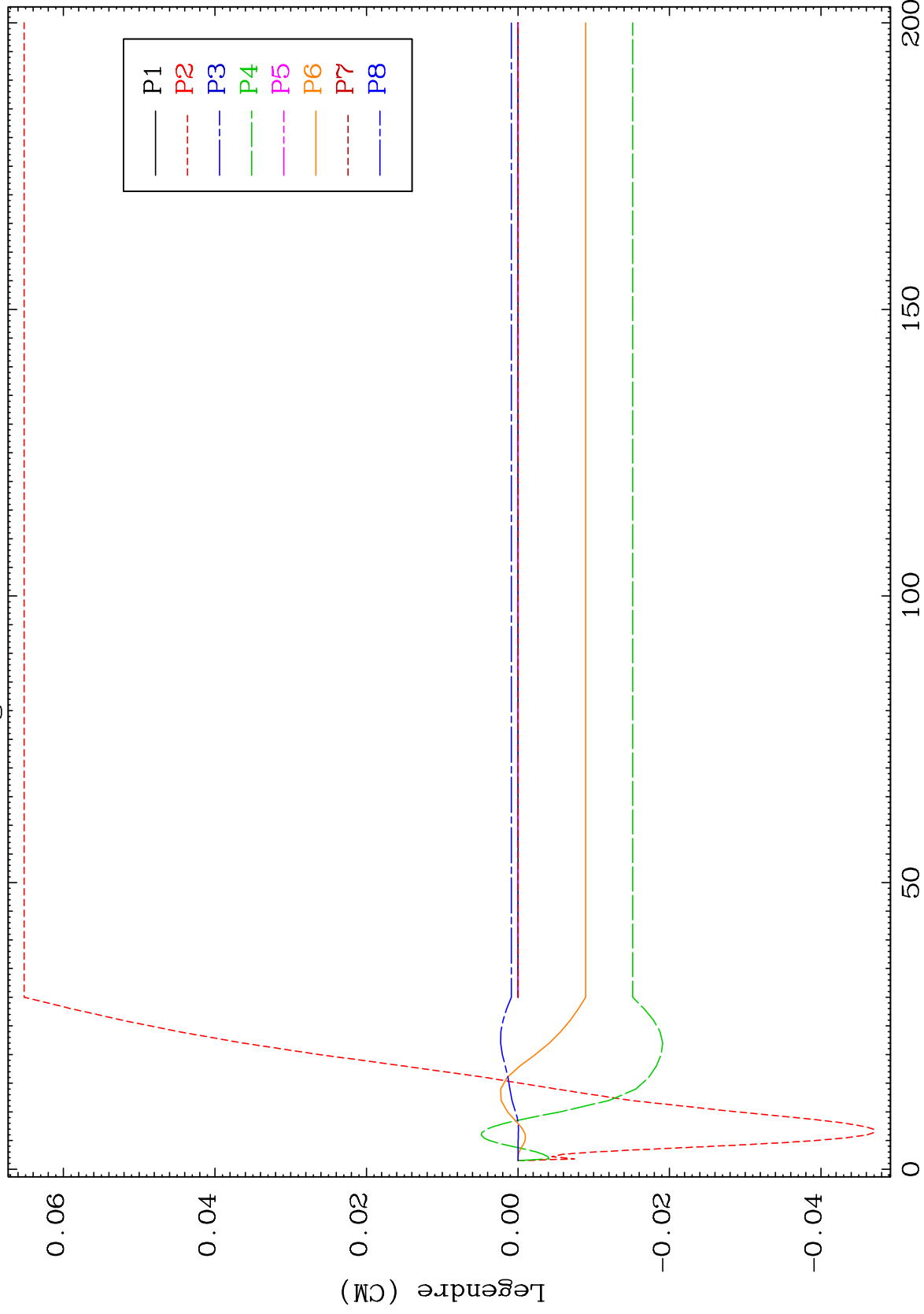




MAT 2716

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

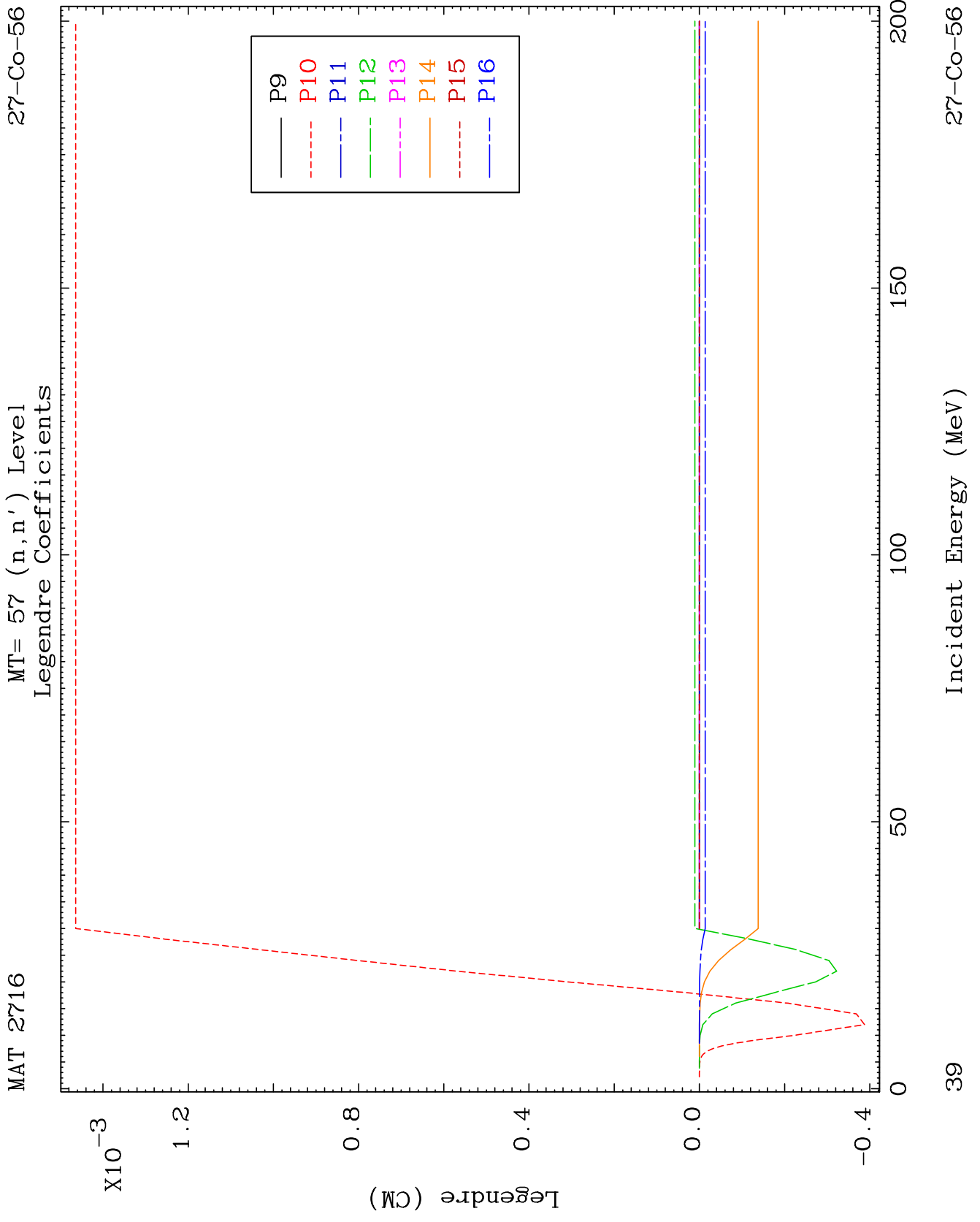
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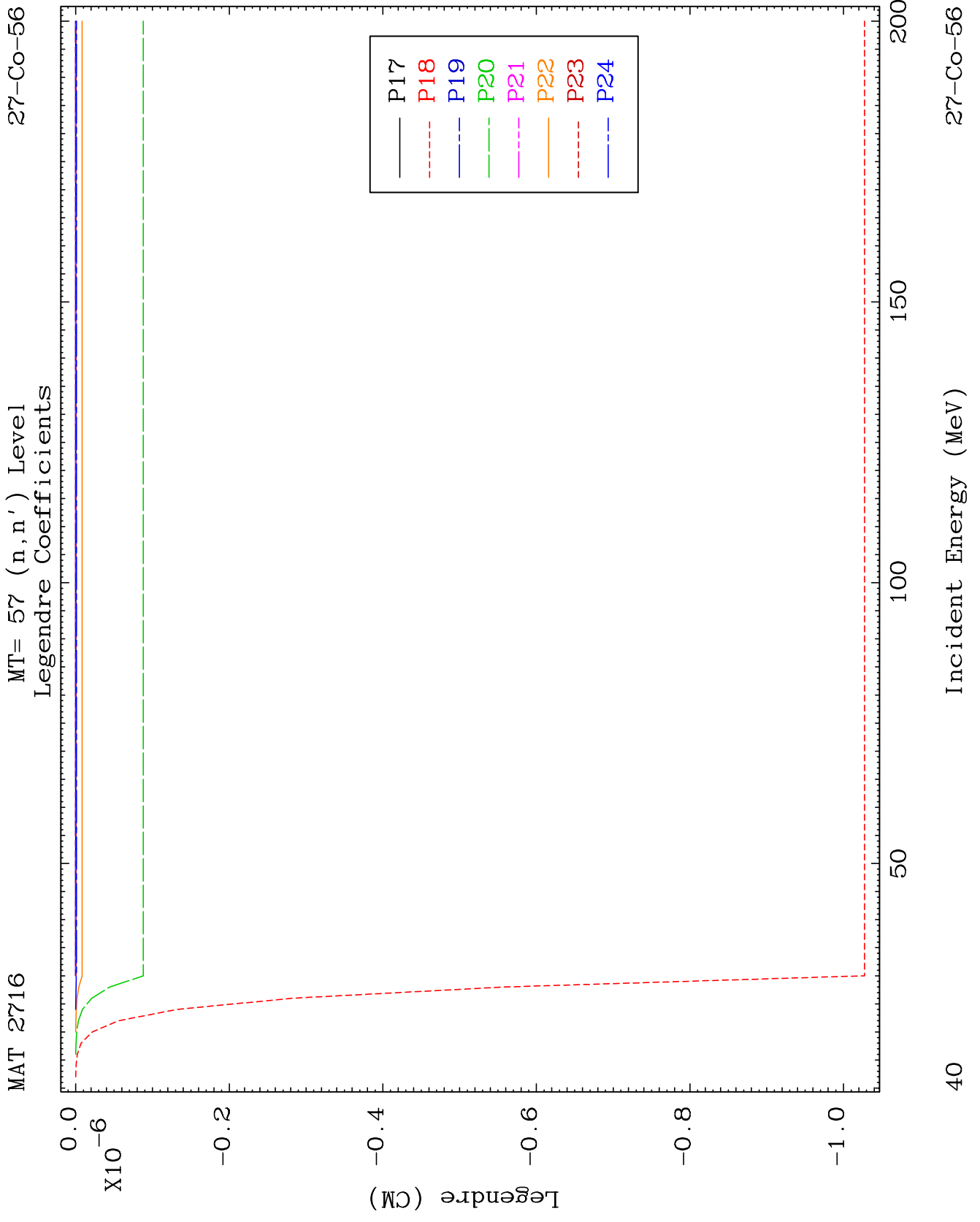


27-Co-56

Incident Energy (MeV)

38

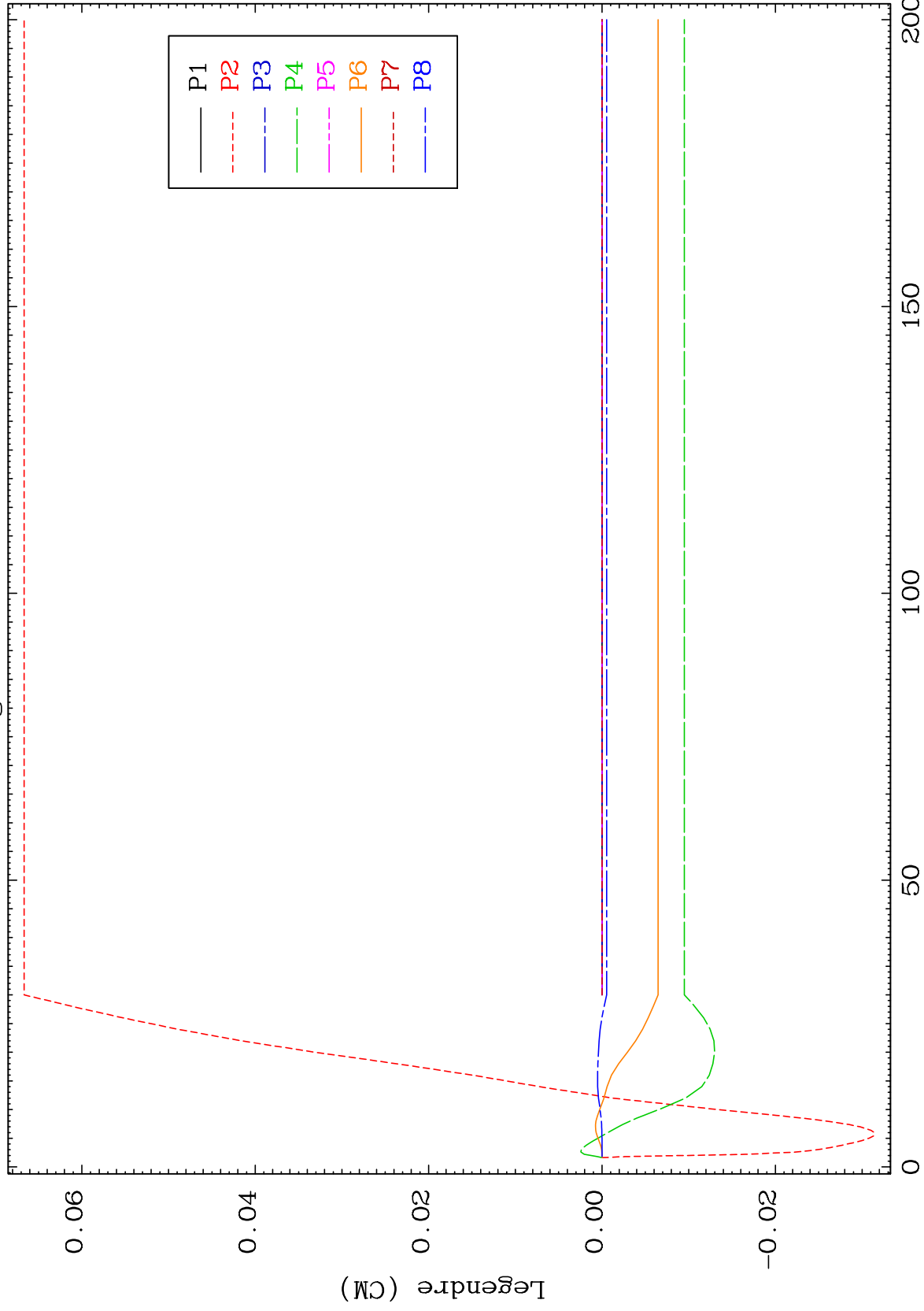




MAT 2716

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

27-Co-56



41

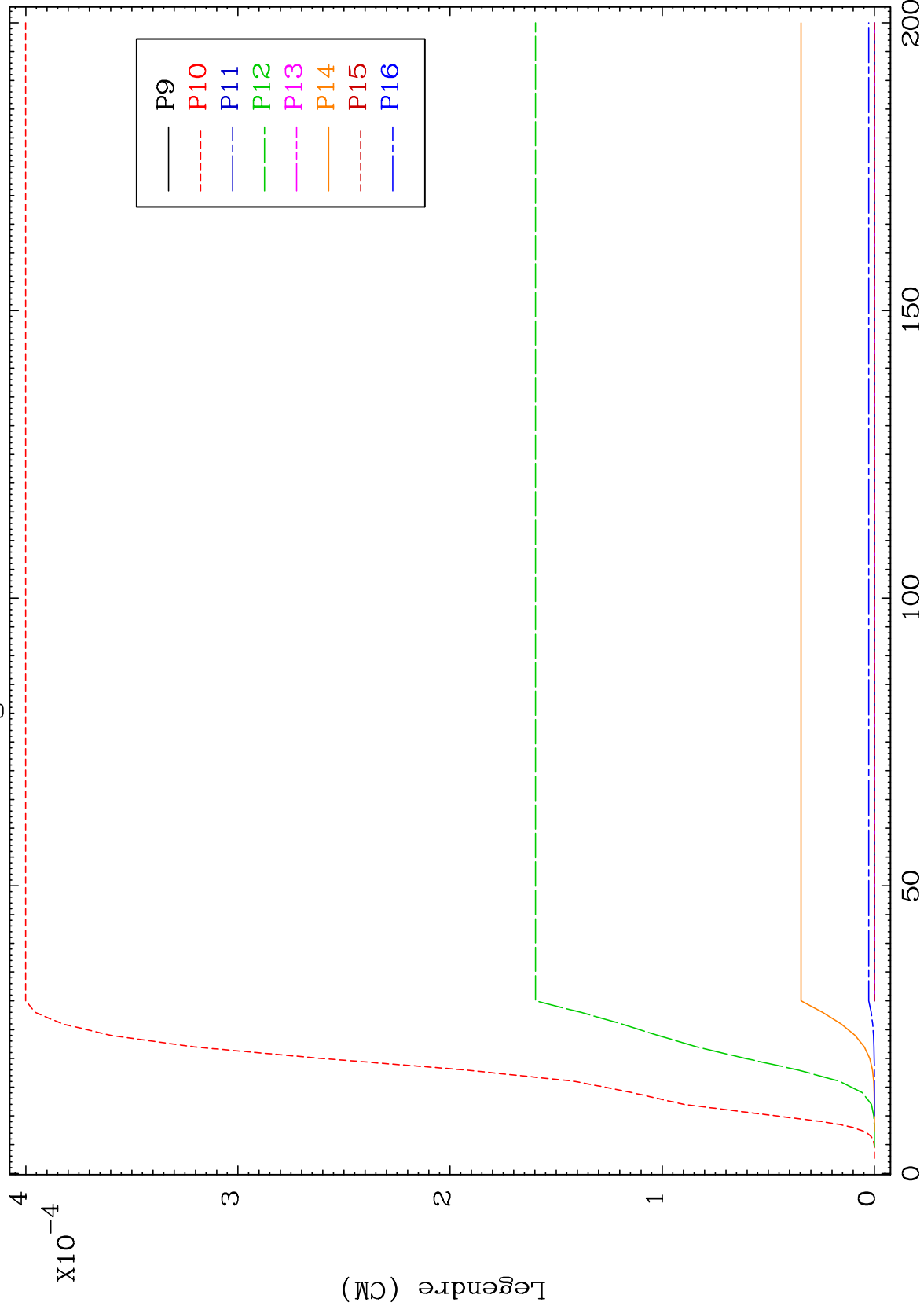
Incident Energy (MeV)

27-Co-56

MAT 2716

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

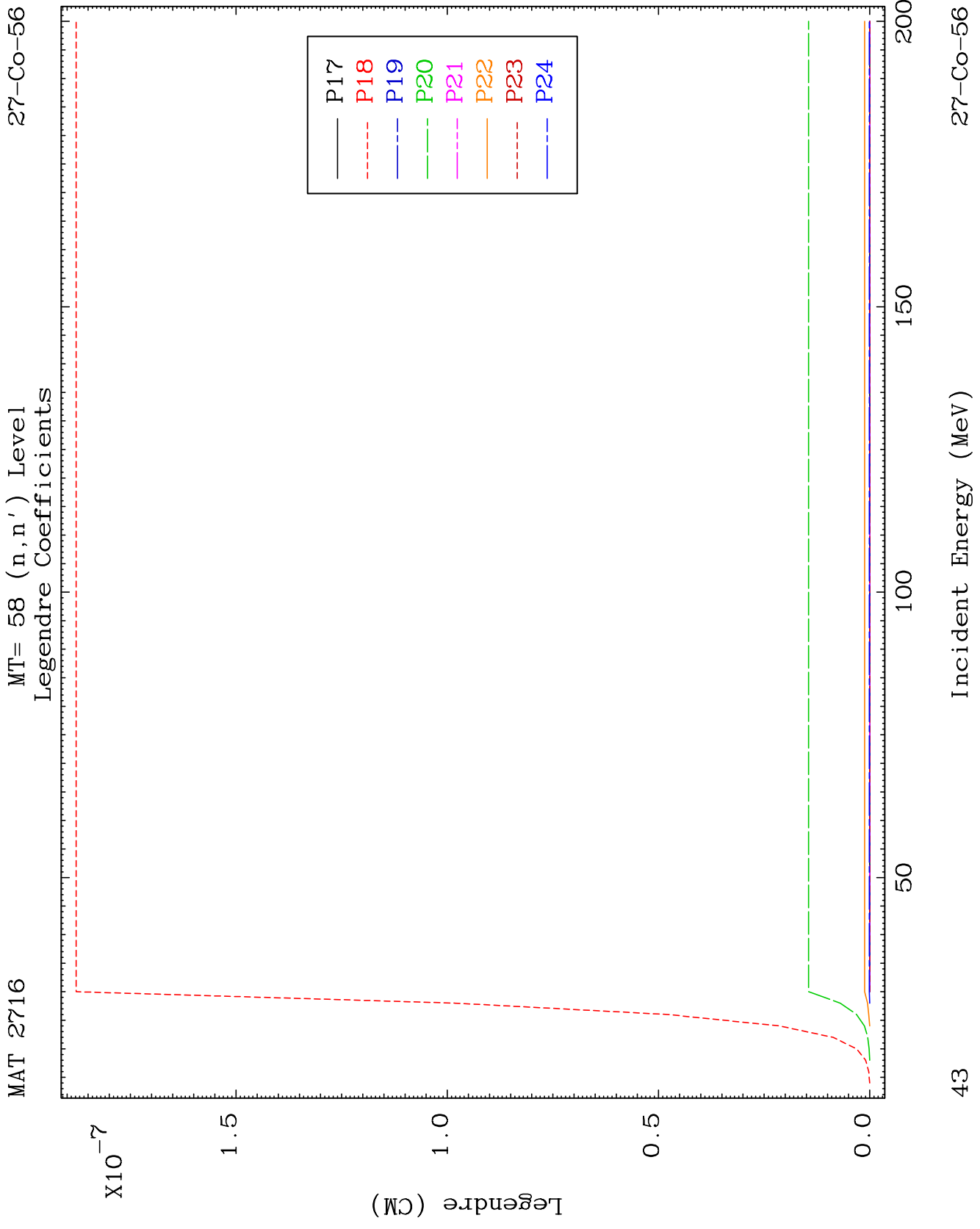
27-Co-56



42

Incident Energy (MeV)

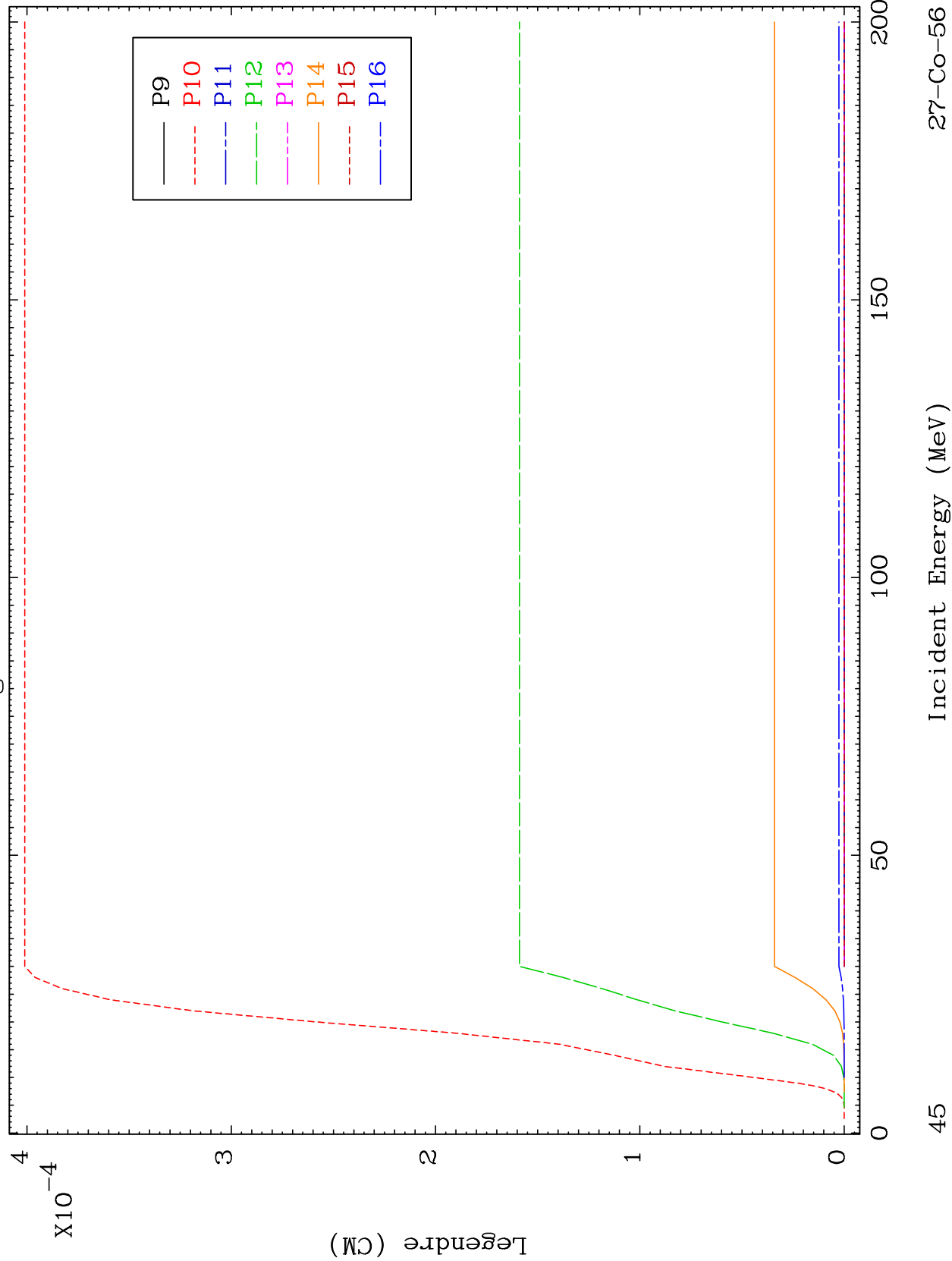
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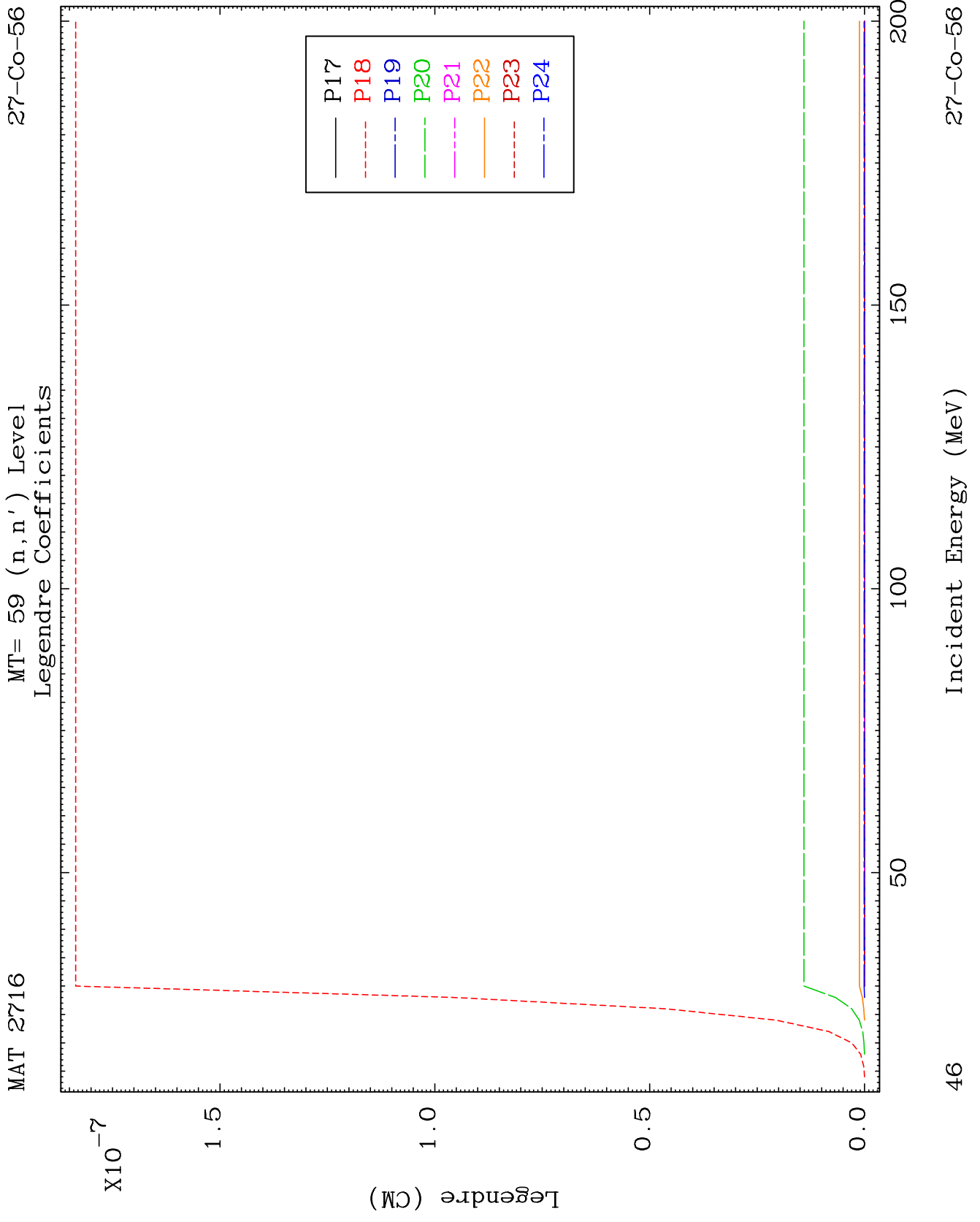


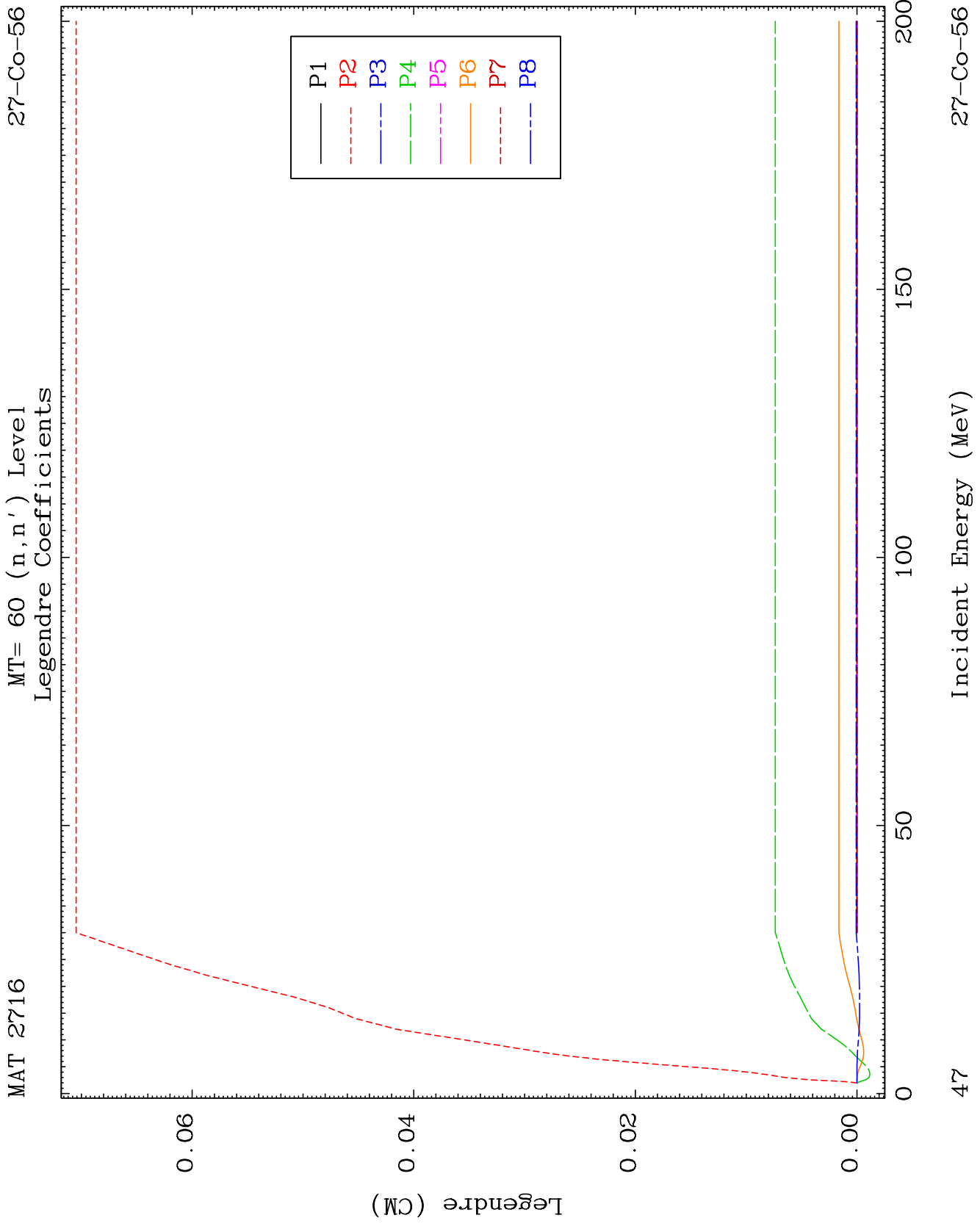
MAT 2716

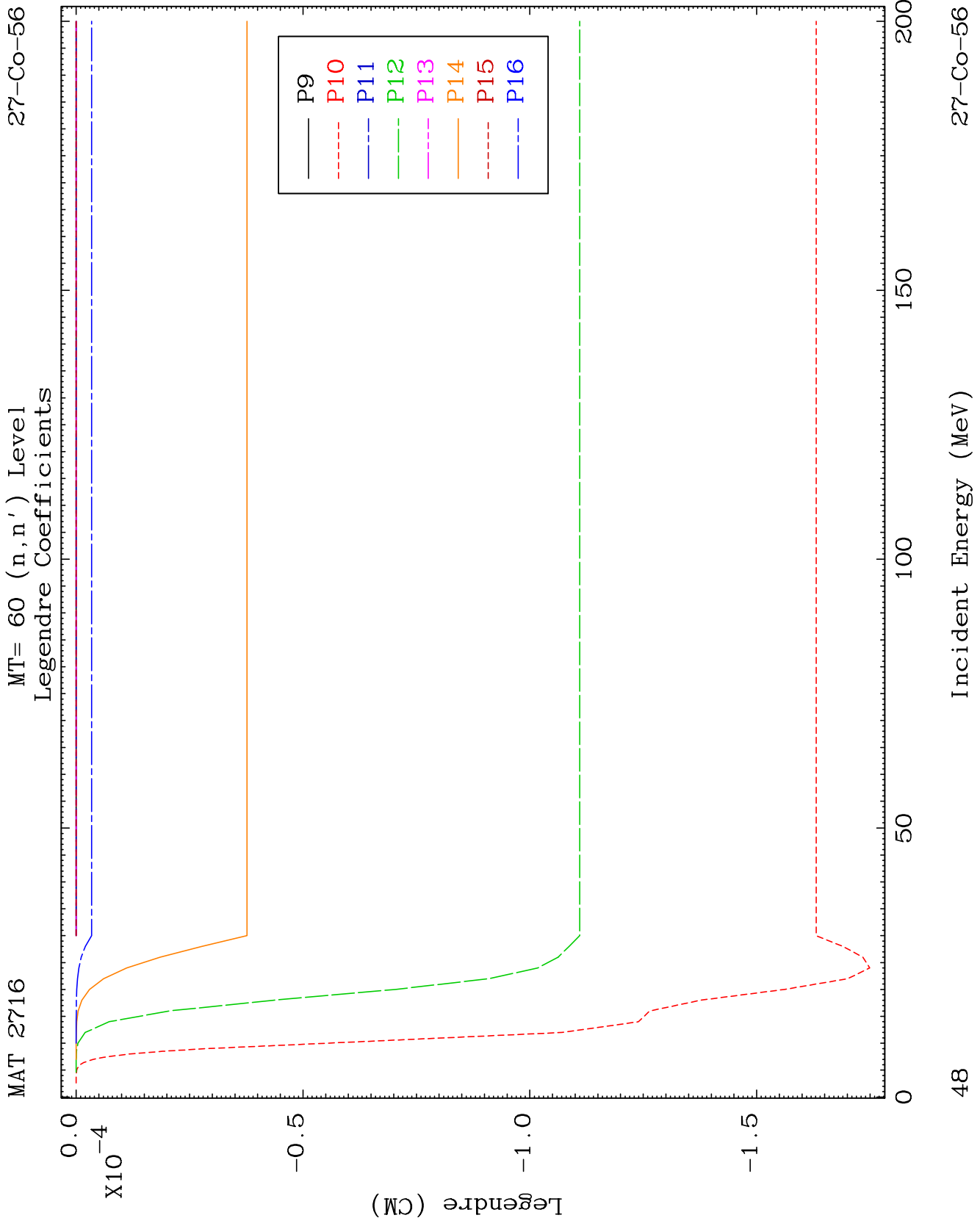
MT= 59 (n,n') Level
Legendre Coefficients

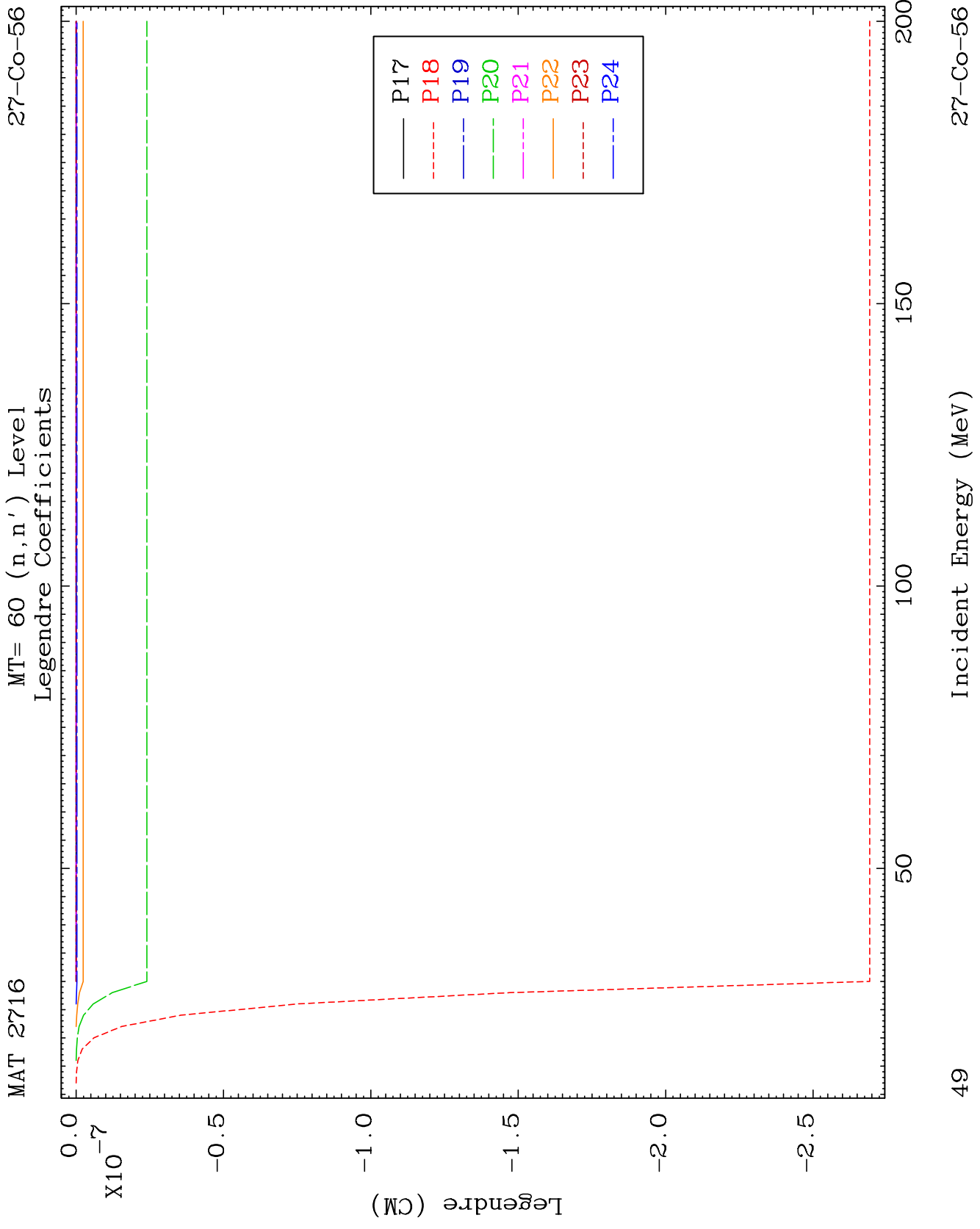
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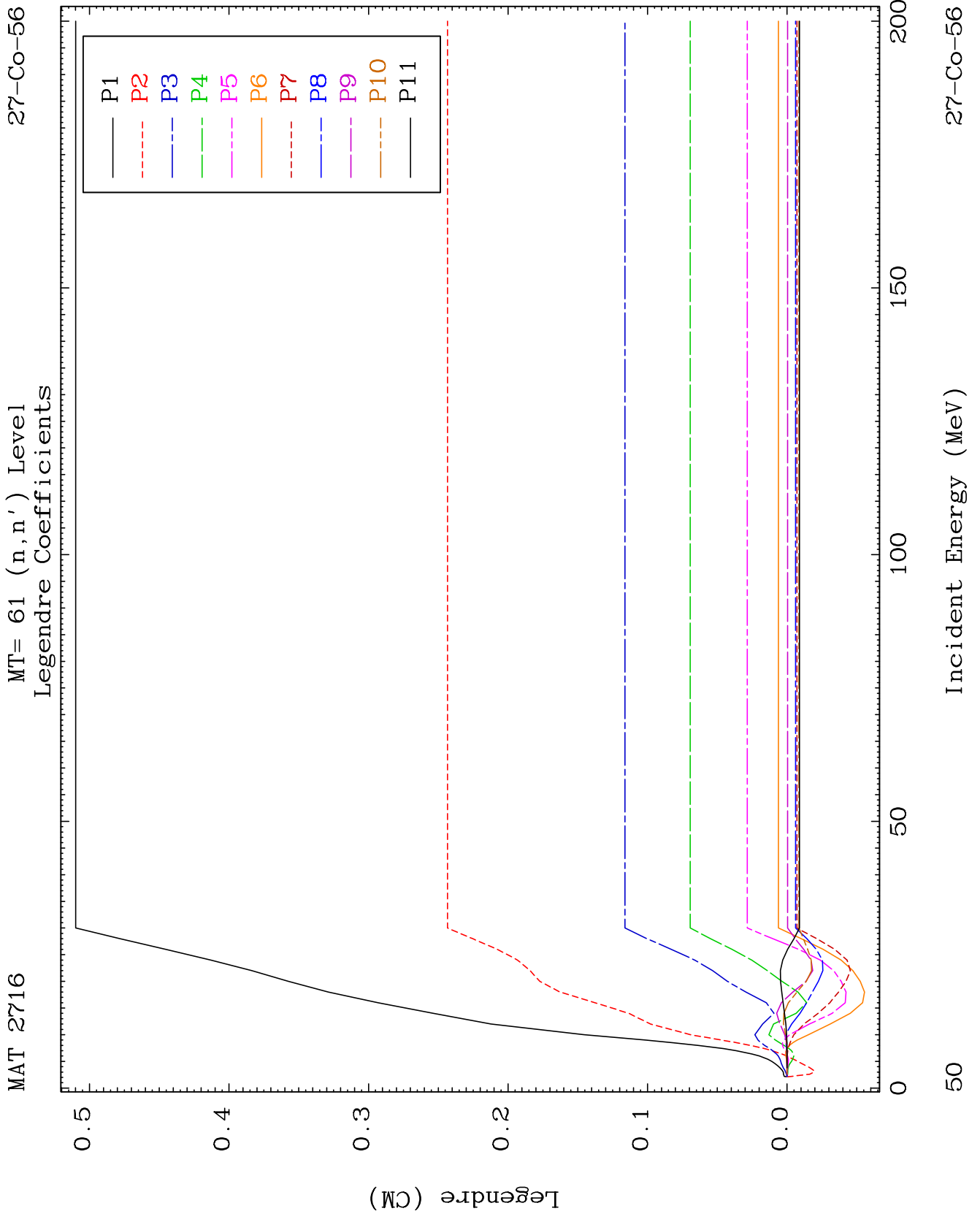


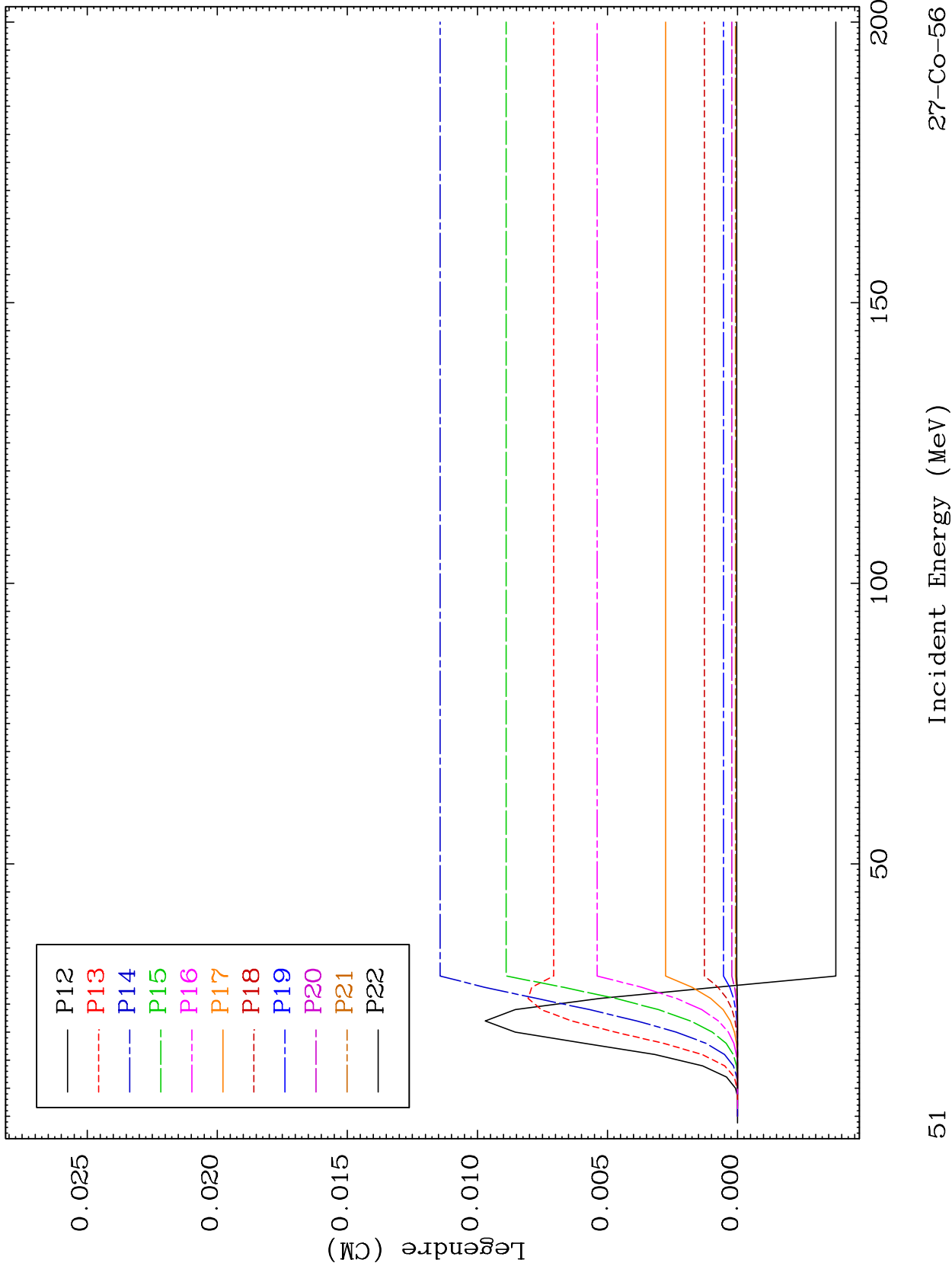








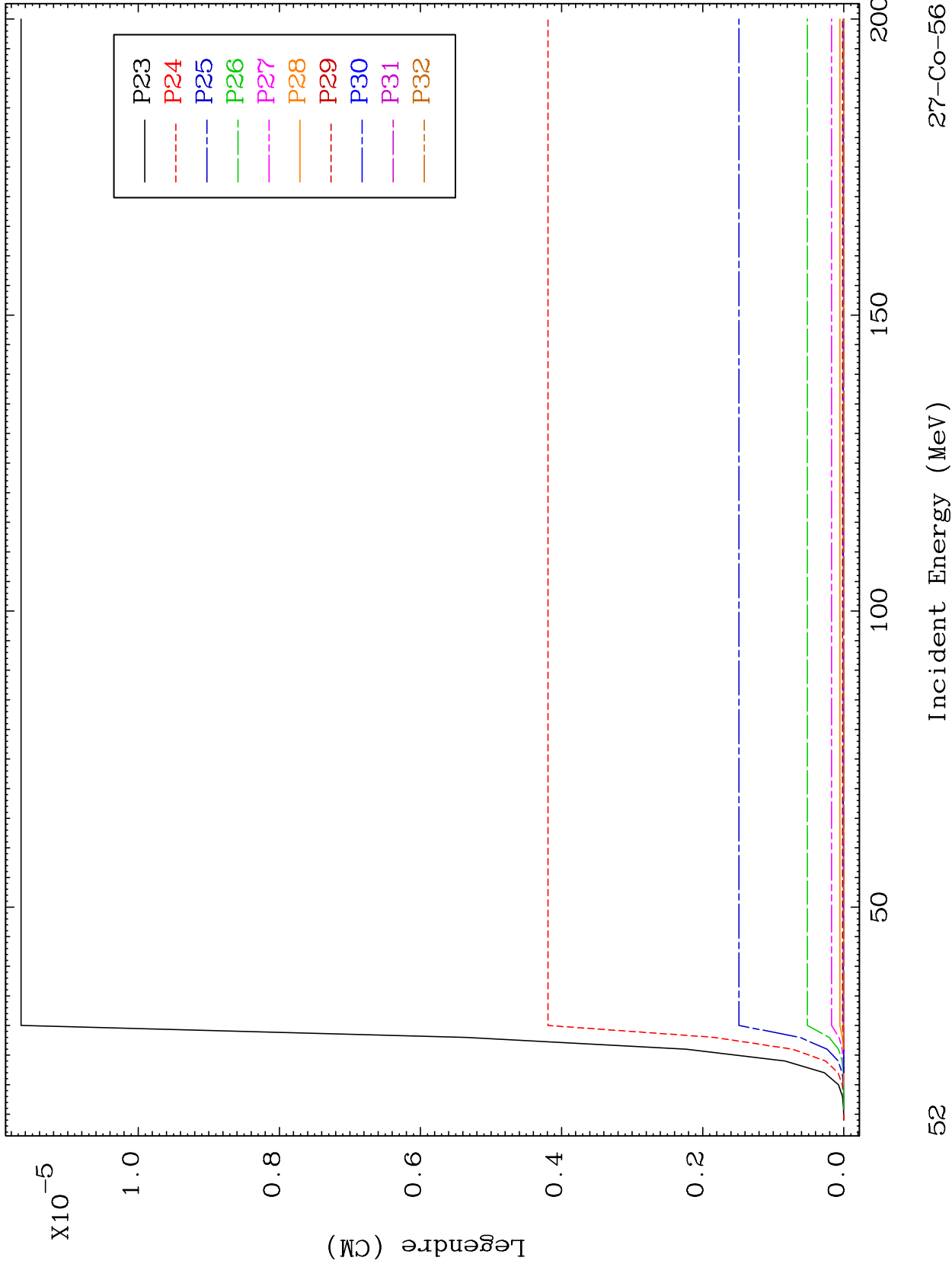




MAT 2716

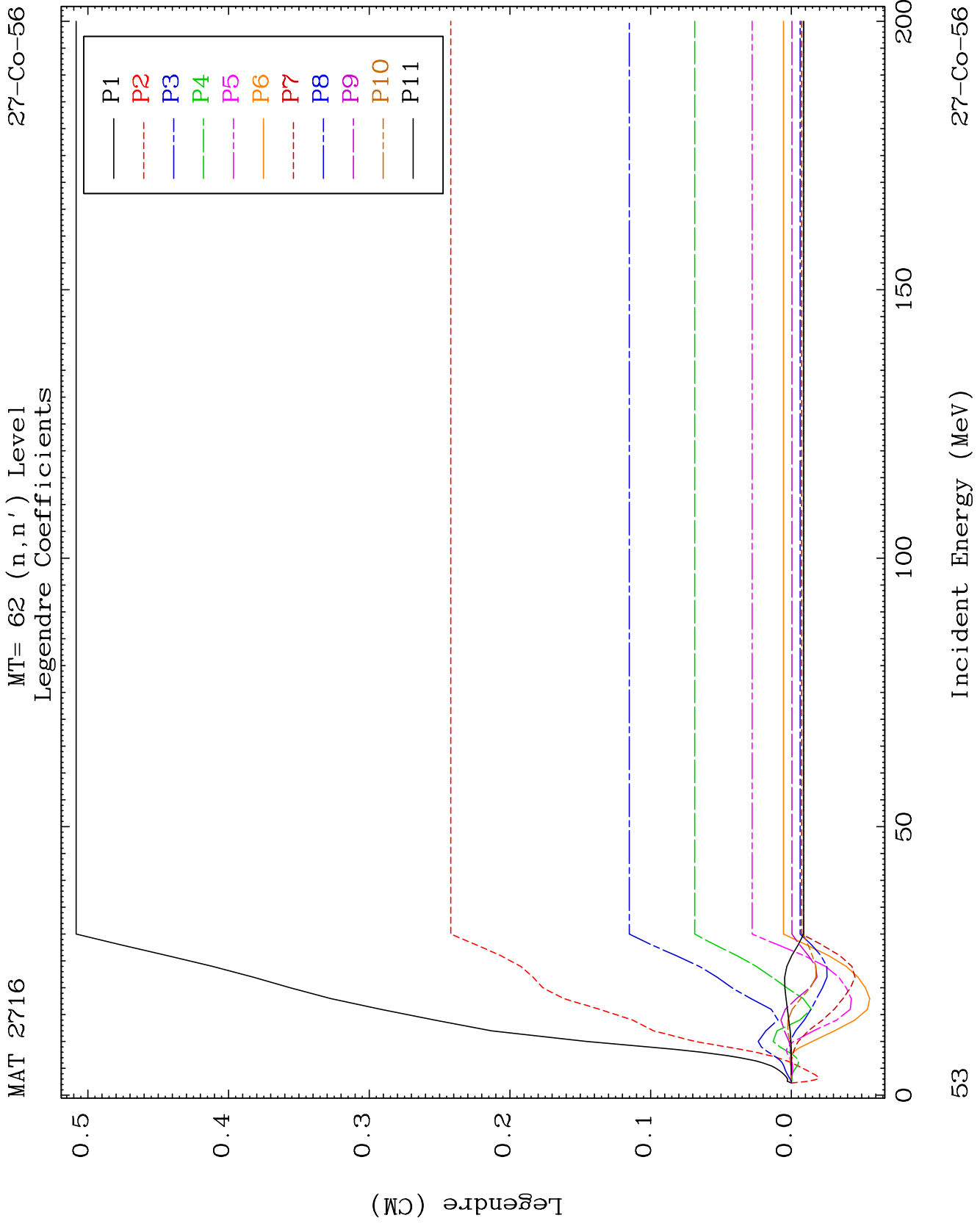
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Legendre Coefficients

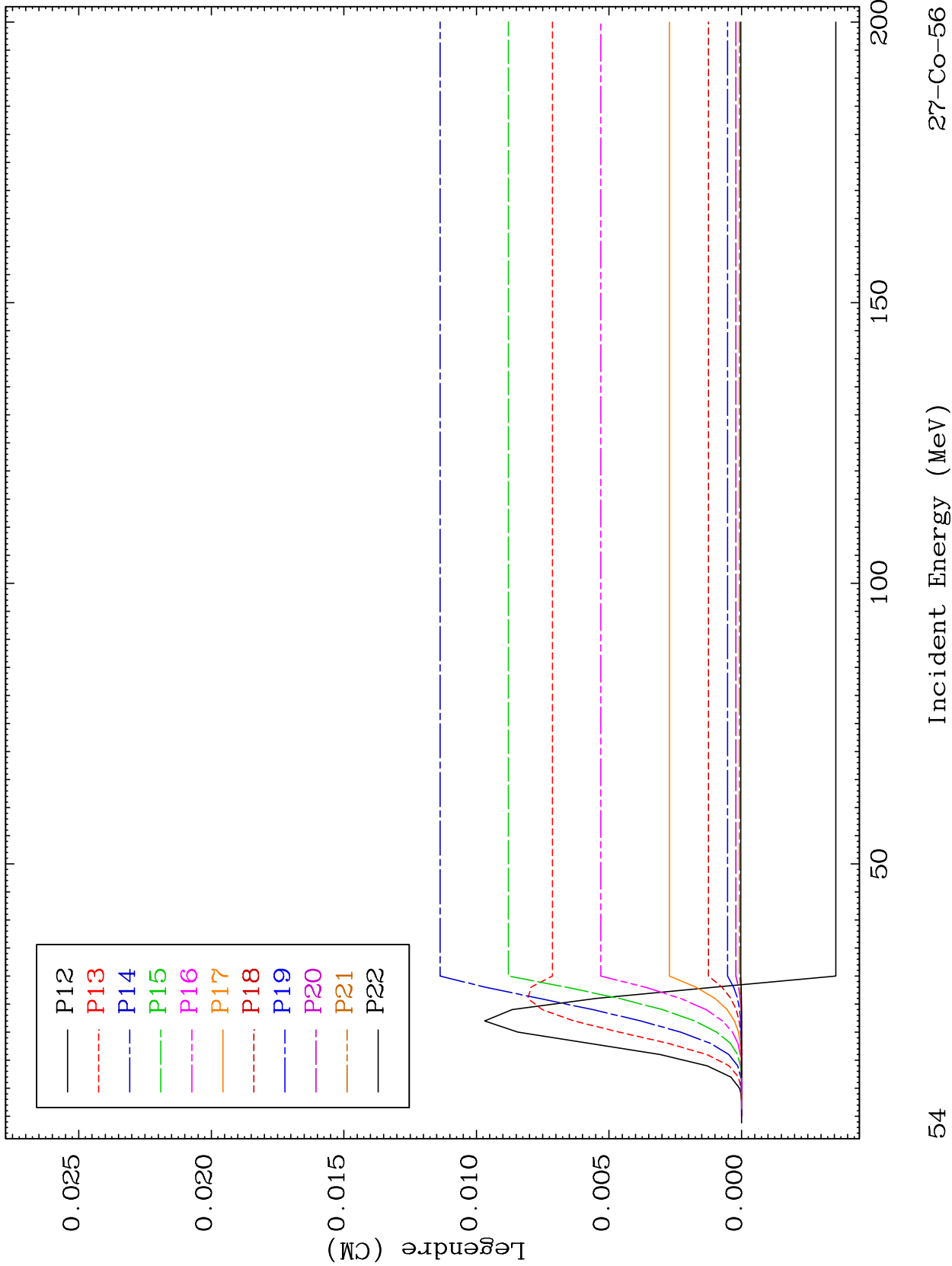
27-Co-56



52

27-Co-56

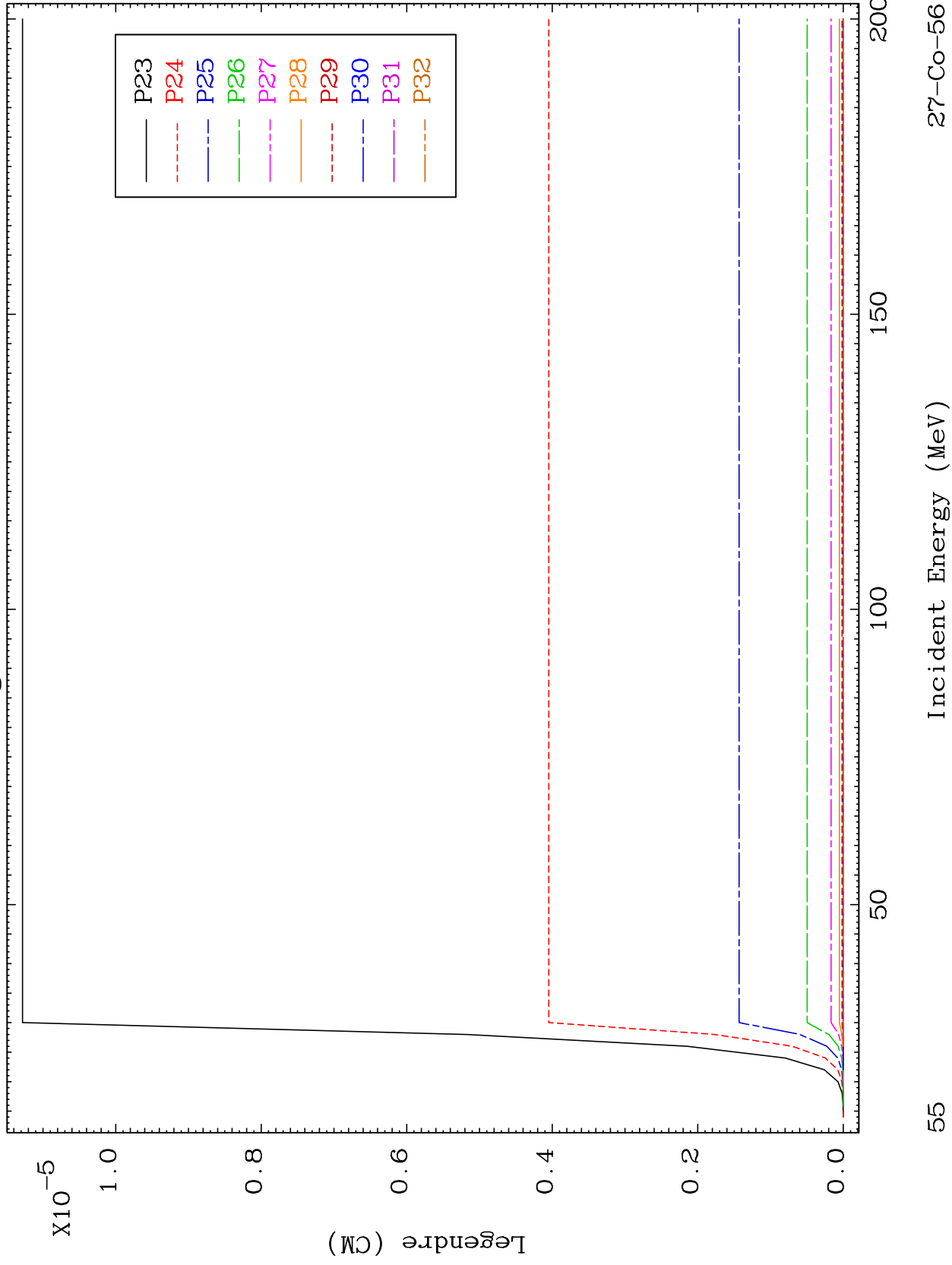


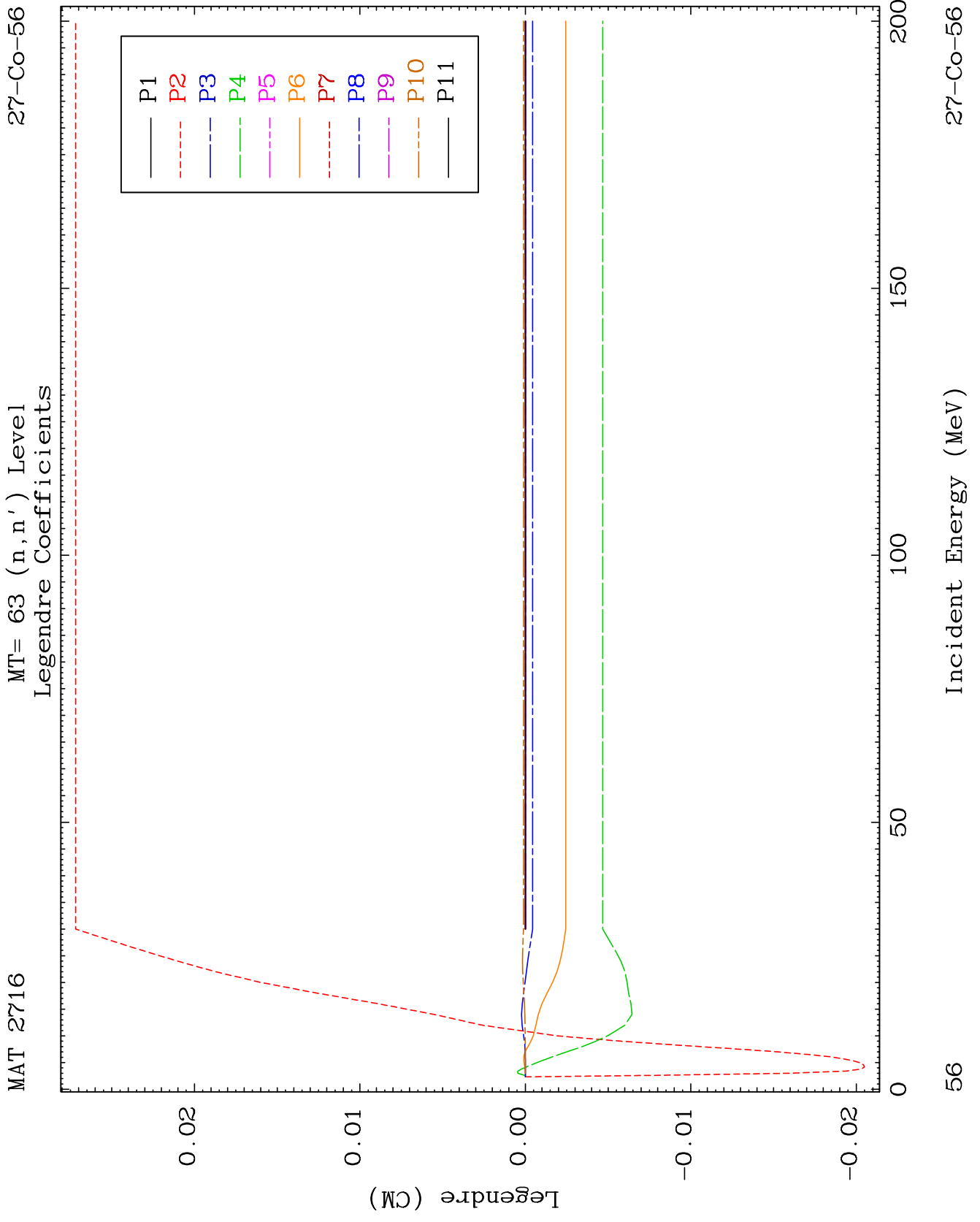


MAT 2716

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

27-Co-56

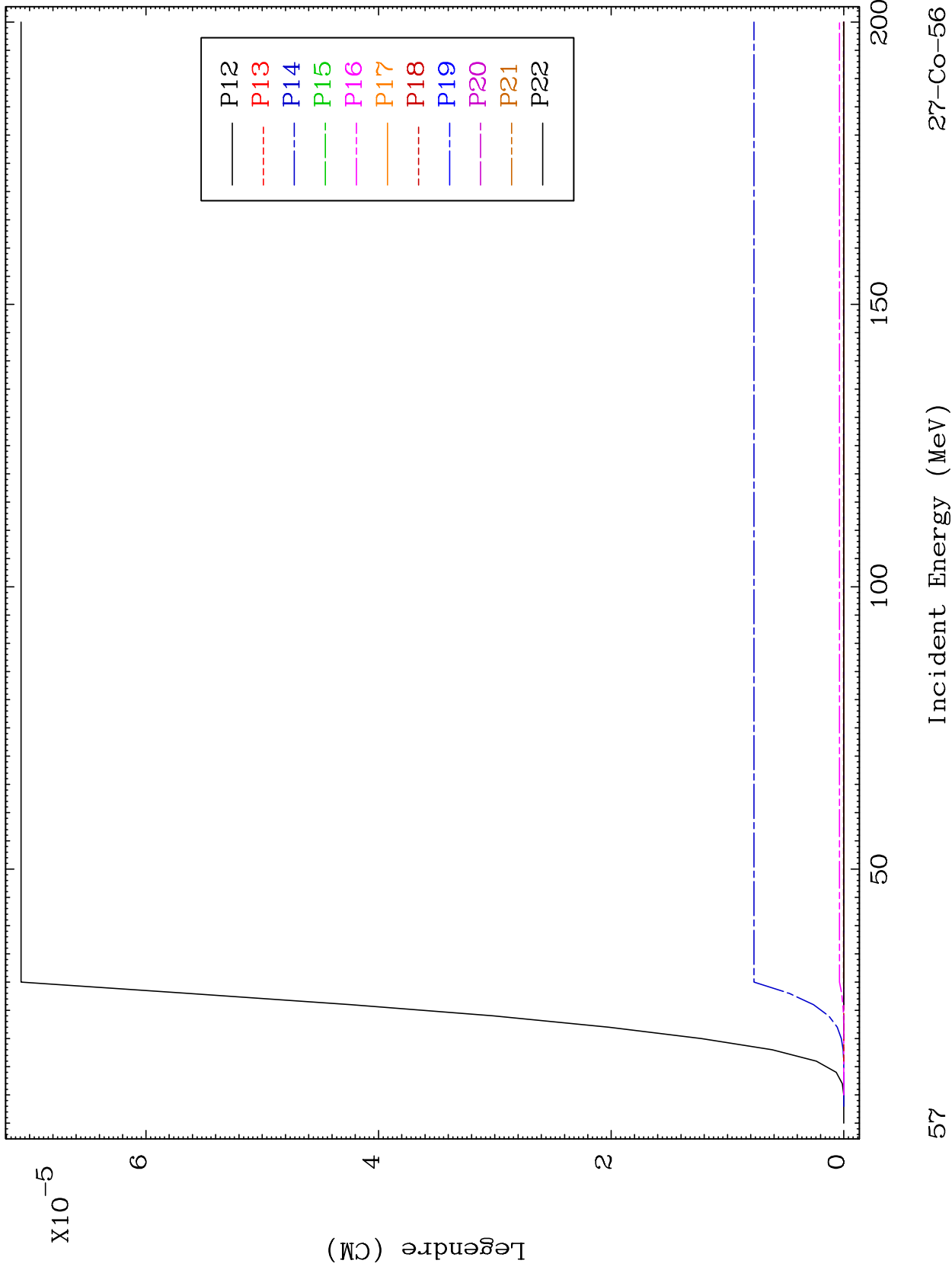


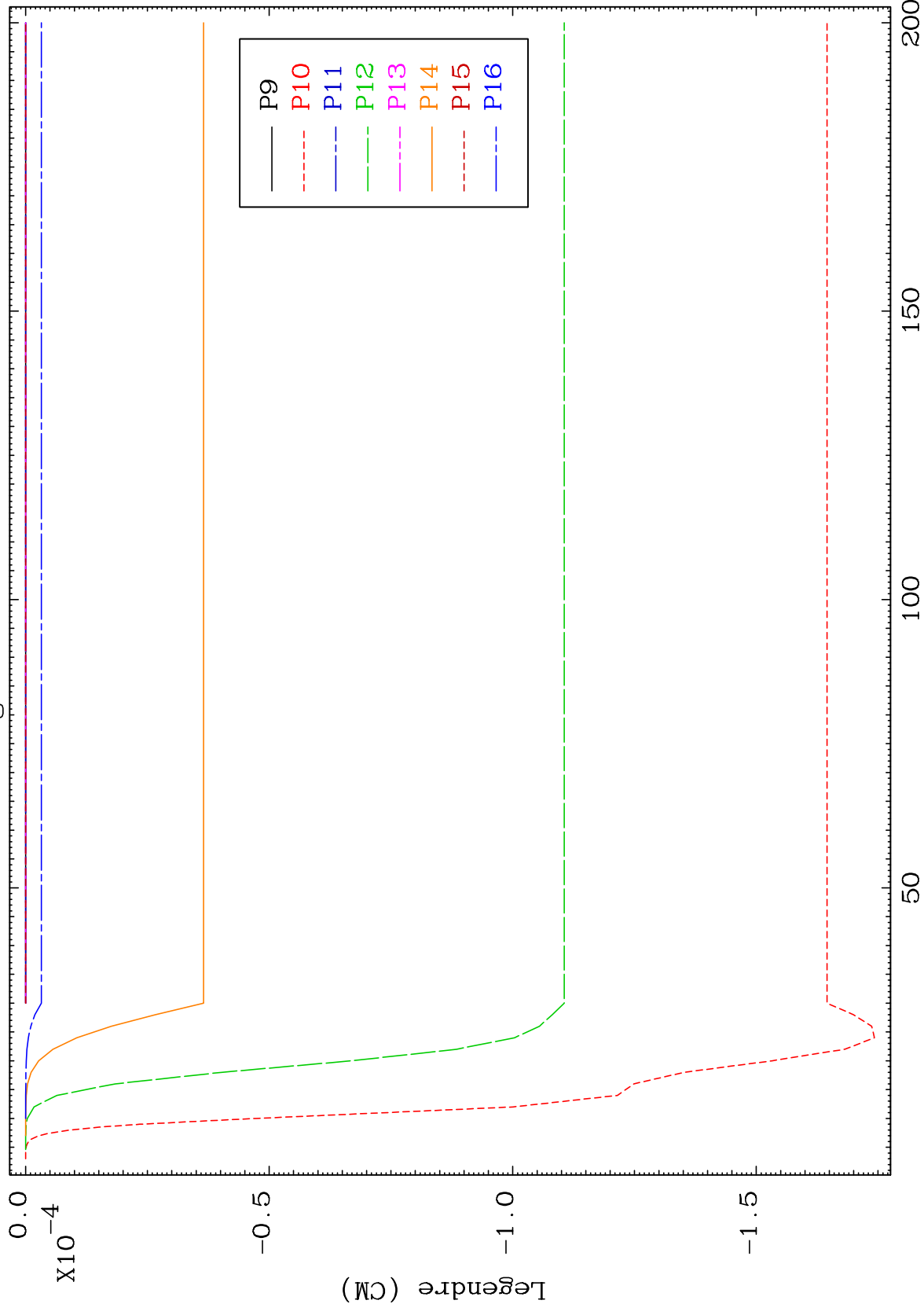


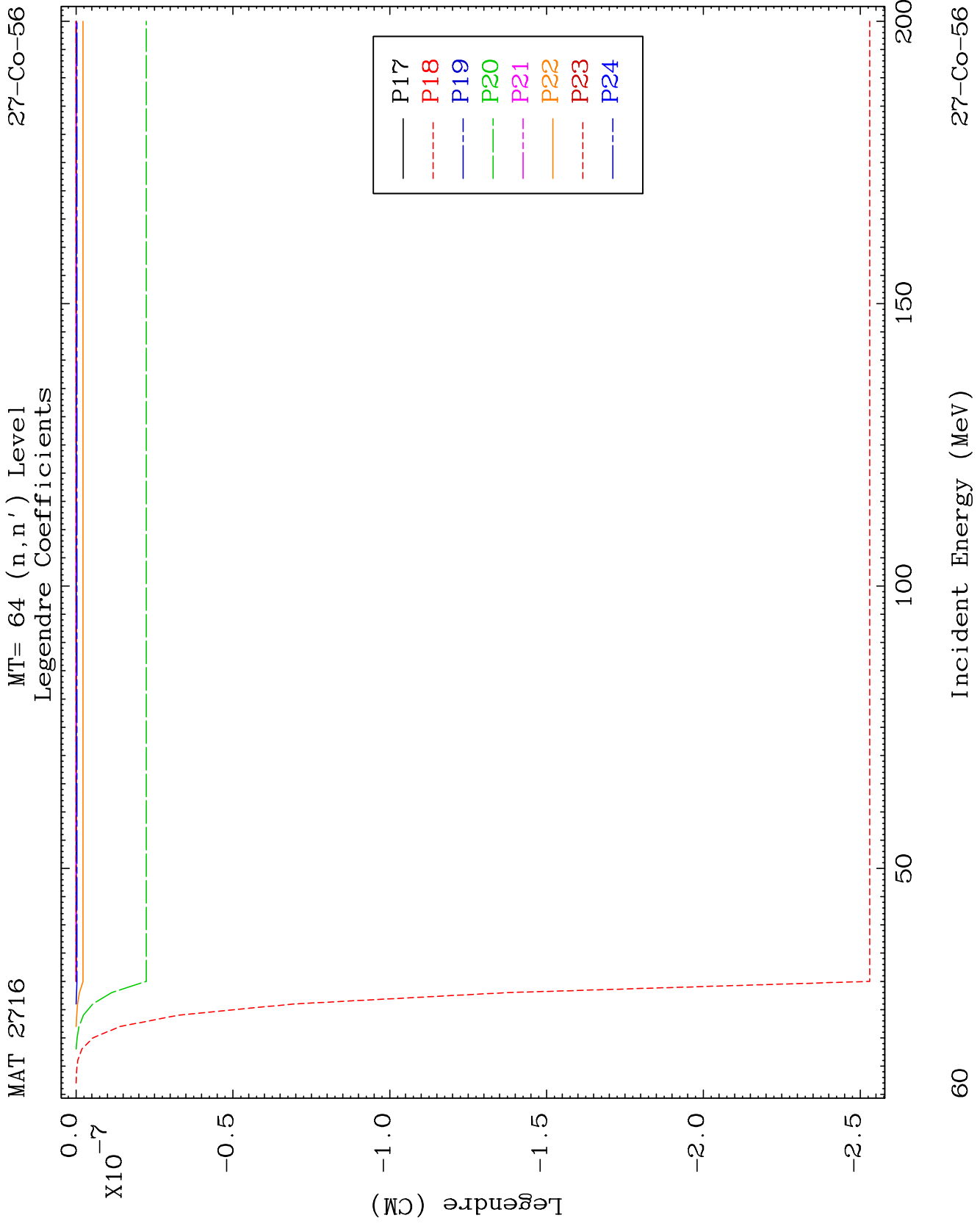
MAT 2716

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

27-Co-56



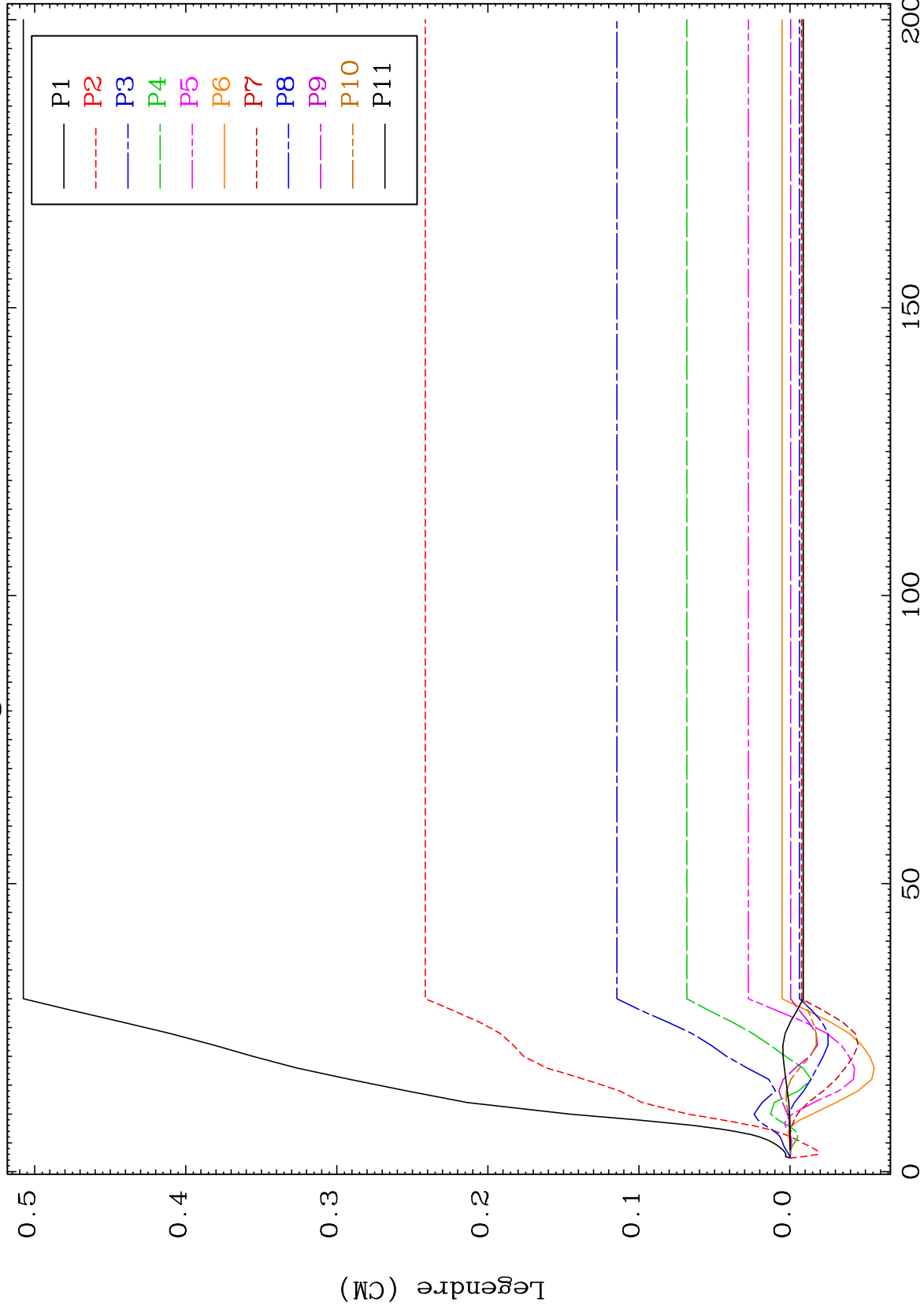




MAT 2716

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

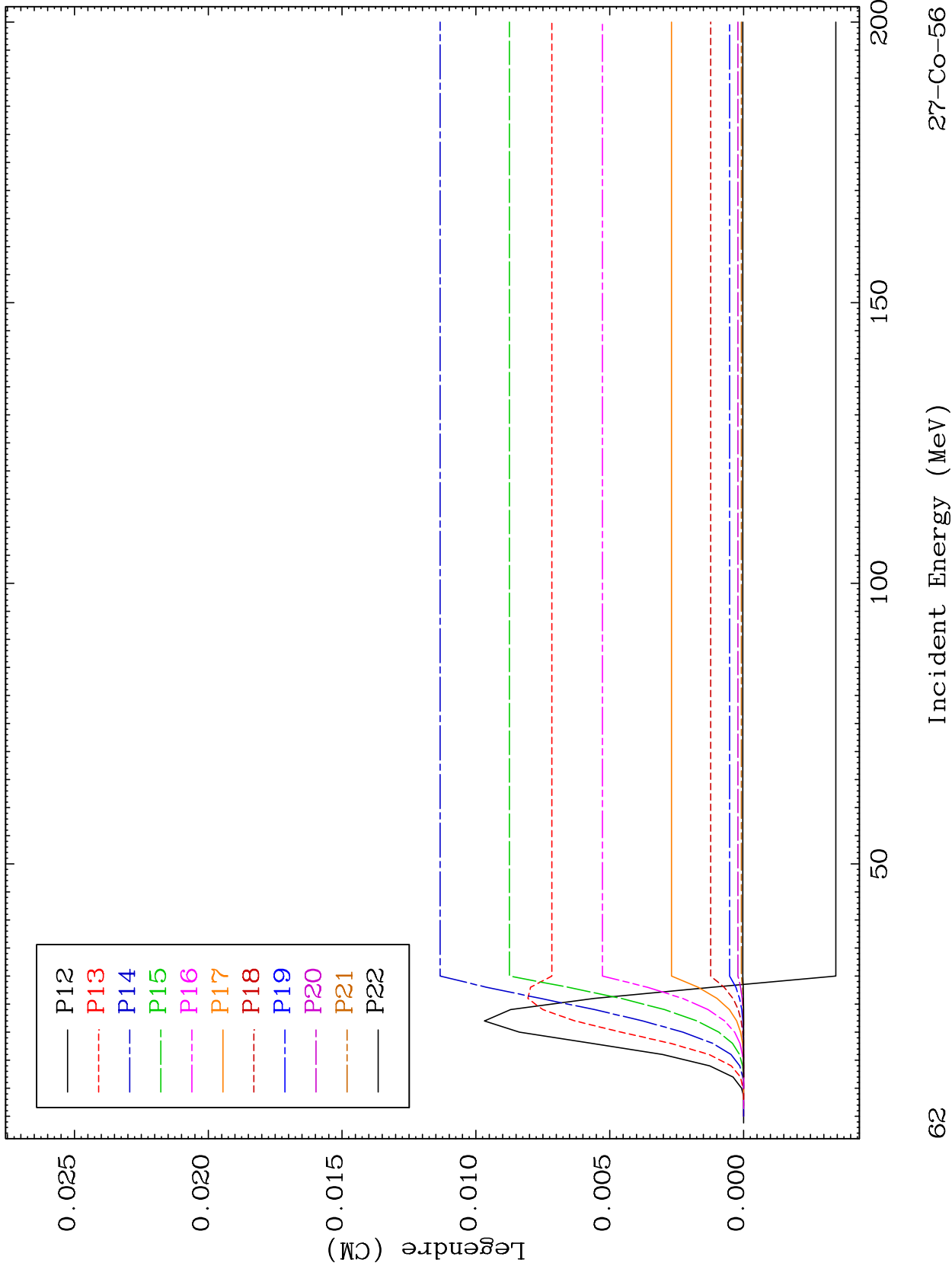
27-Co-56



61

Incident Energy (MeV)

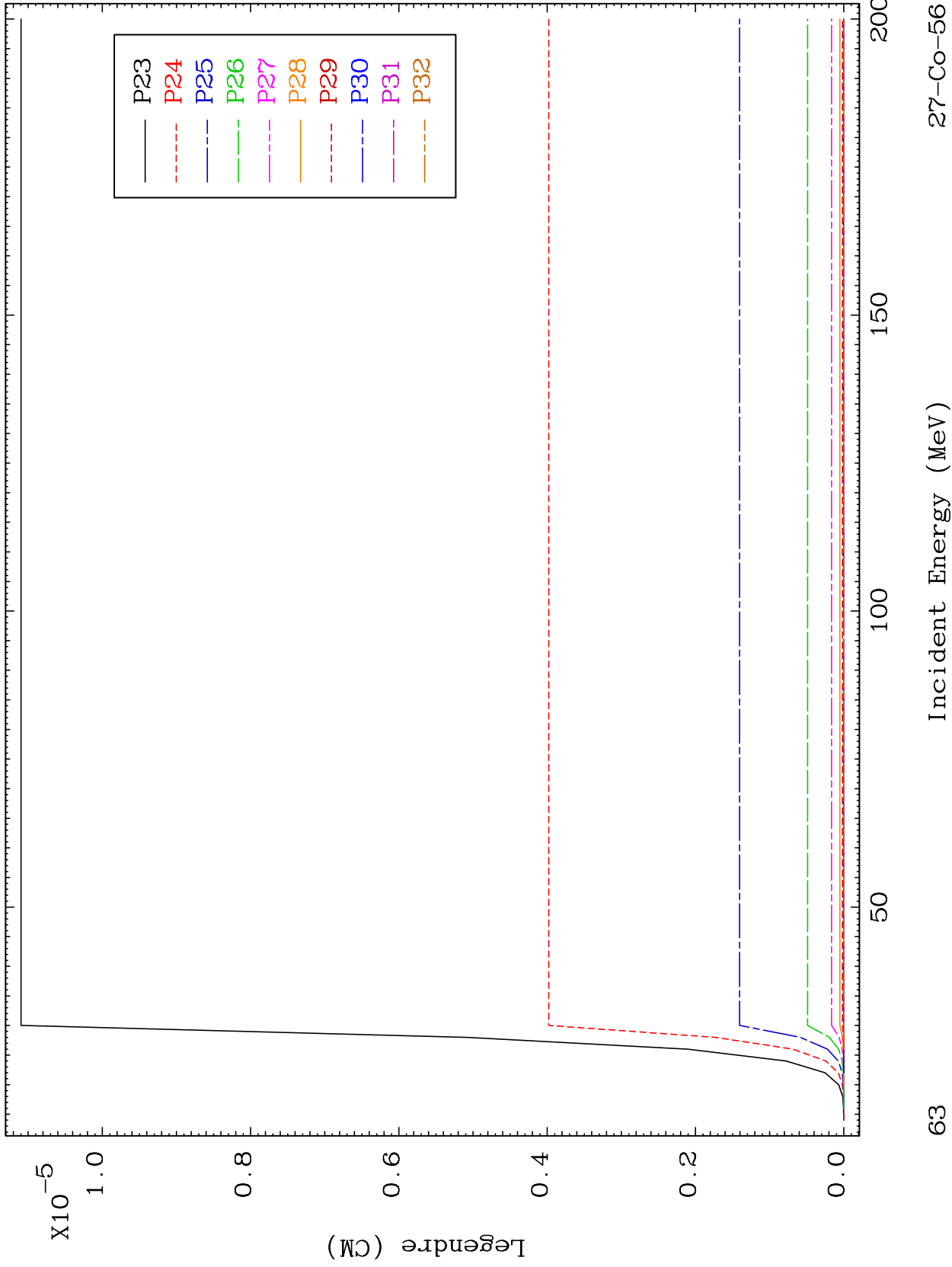
27-Co-56



MAT 2716

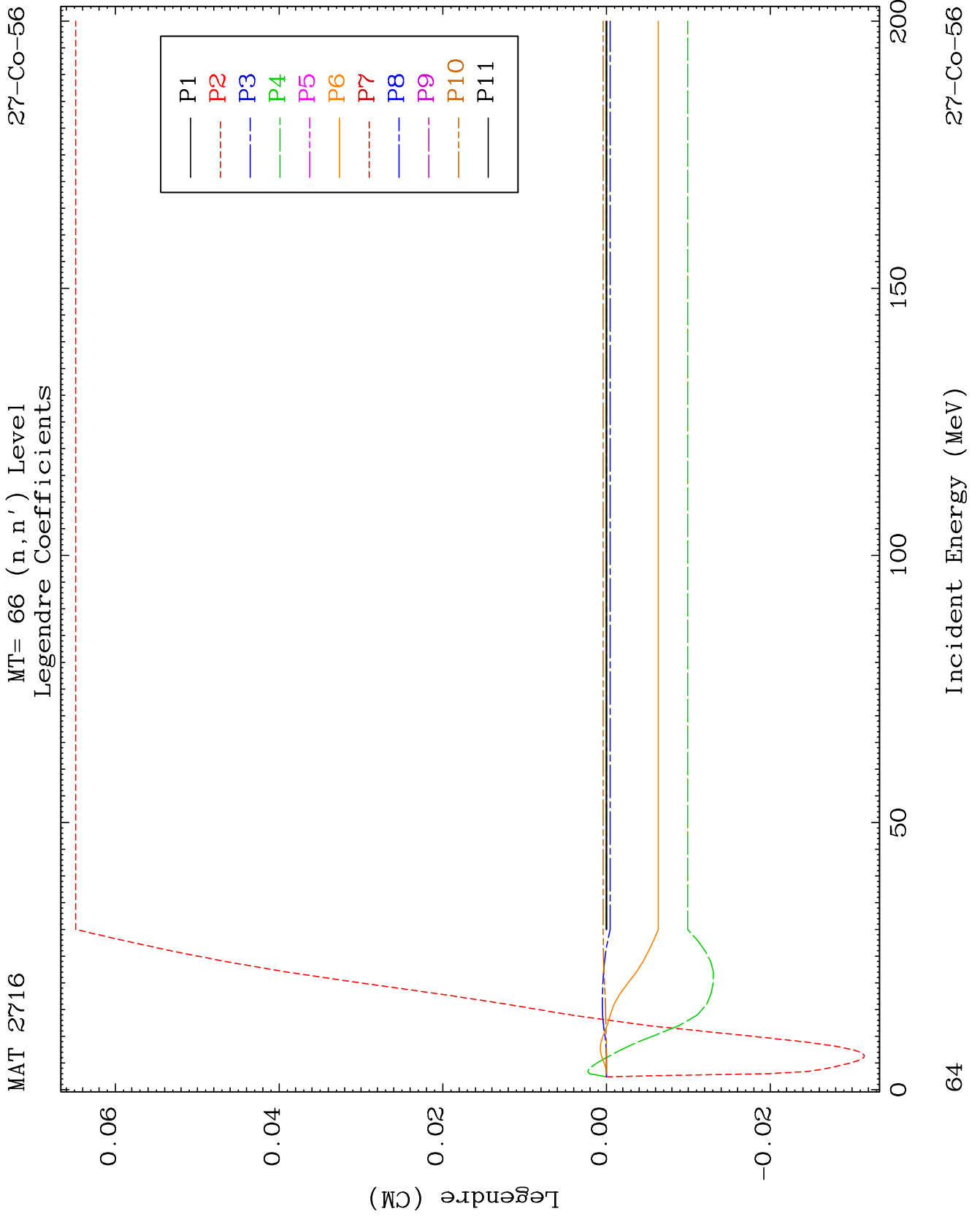
MT= 65 (n,n') Level
Legendre Coefficients

27-Co-56



63

27-Co-56



27-Co-56

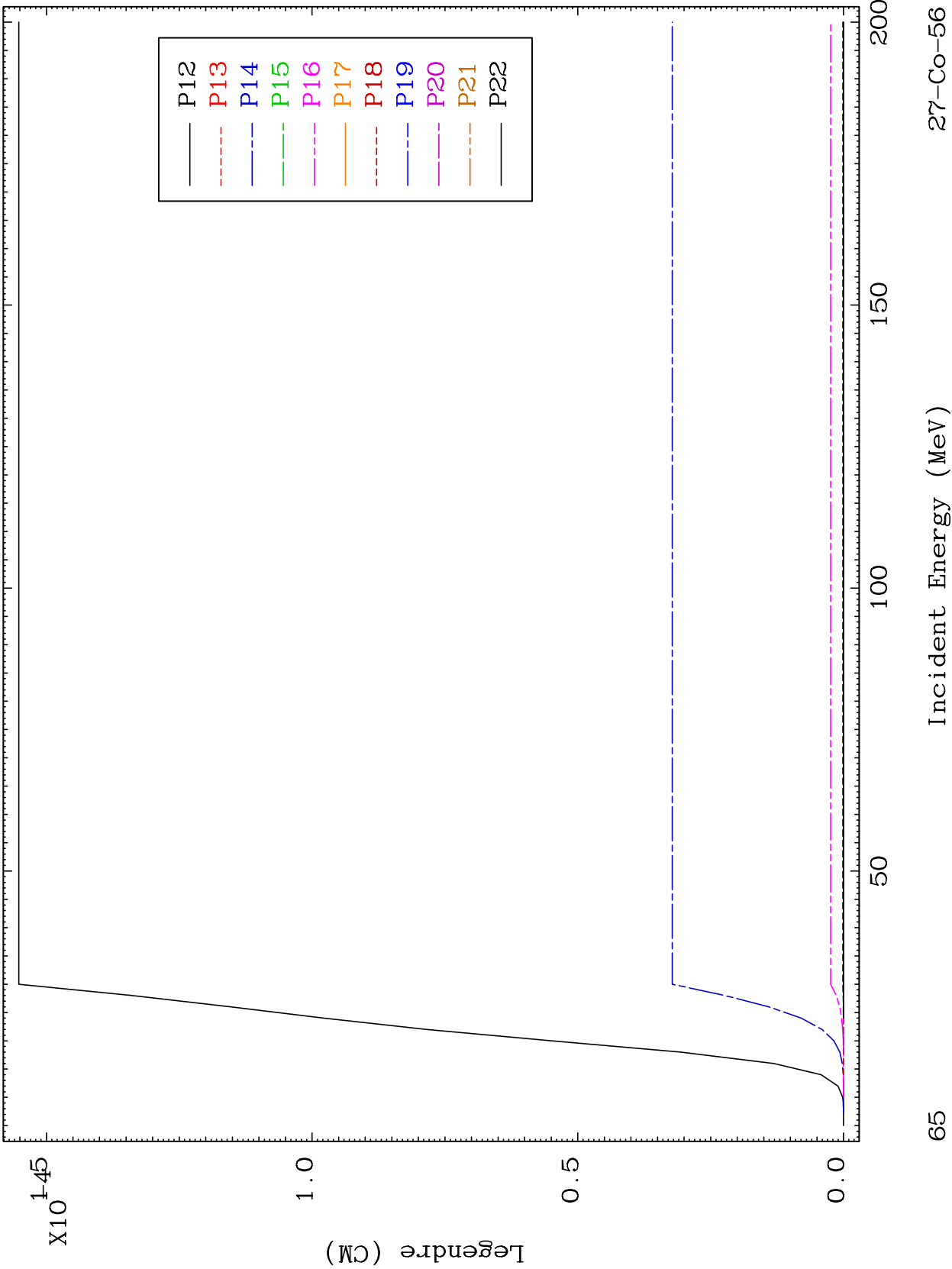
Incident Energy (MeV)

64

MAT 2716

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

27-Co-56



65

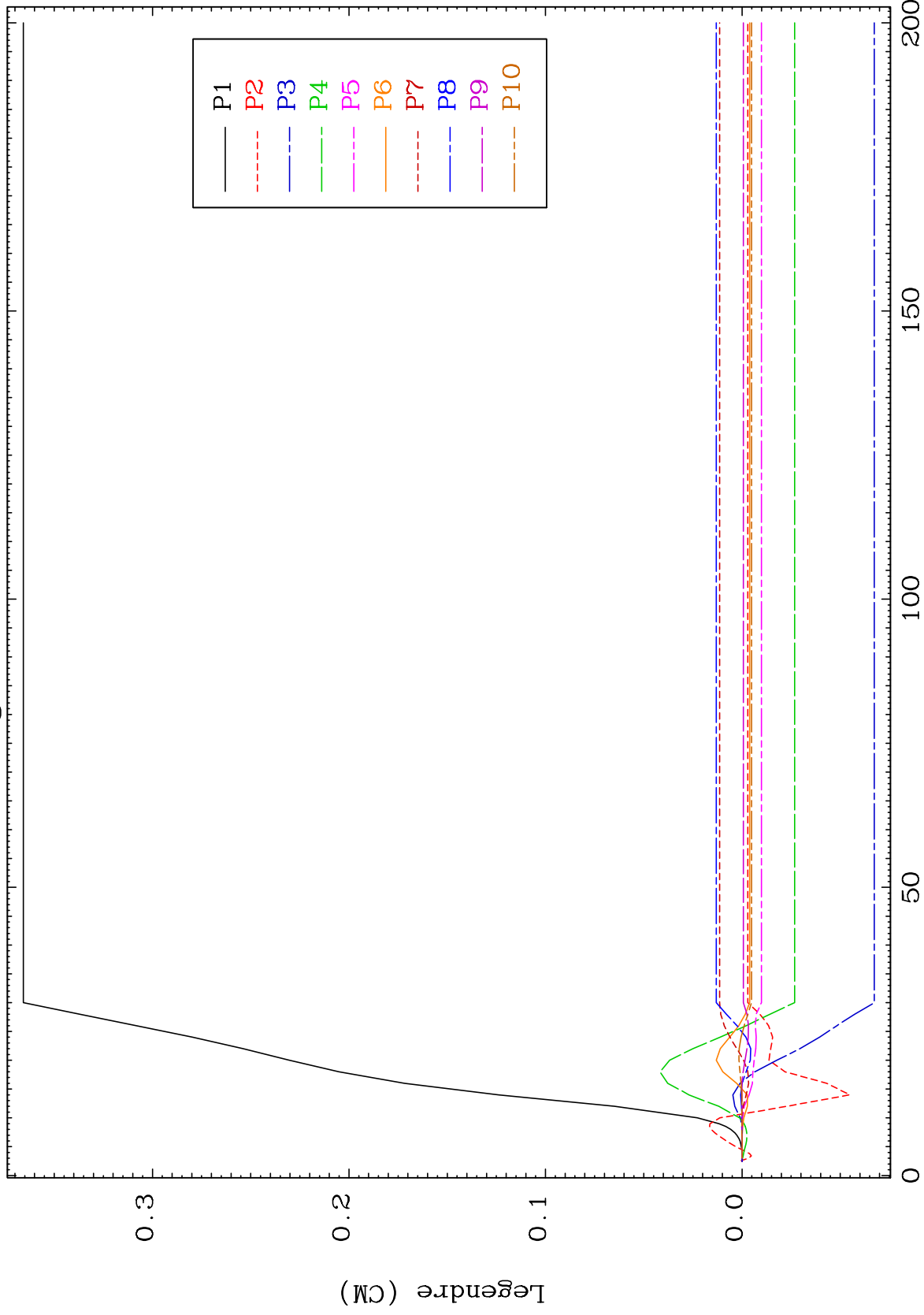
Incident Energy (MeV)

27-Co-56

MAT 2716

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

27-Co-56



66

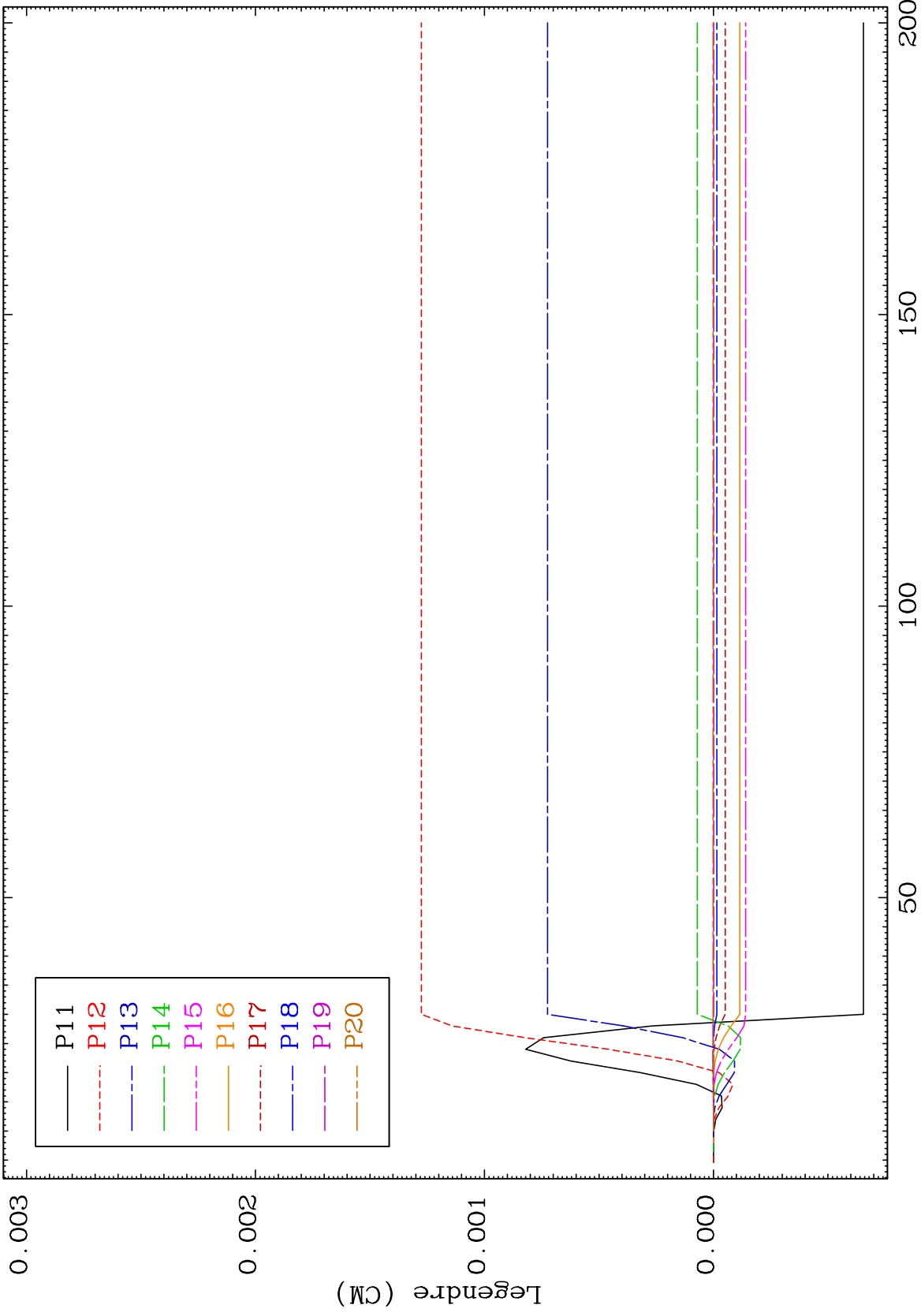
Incident Energy (MeV)

27-Co-56

MAT 2716

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

27-Co-56



67

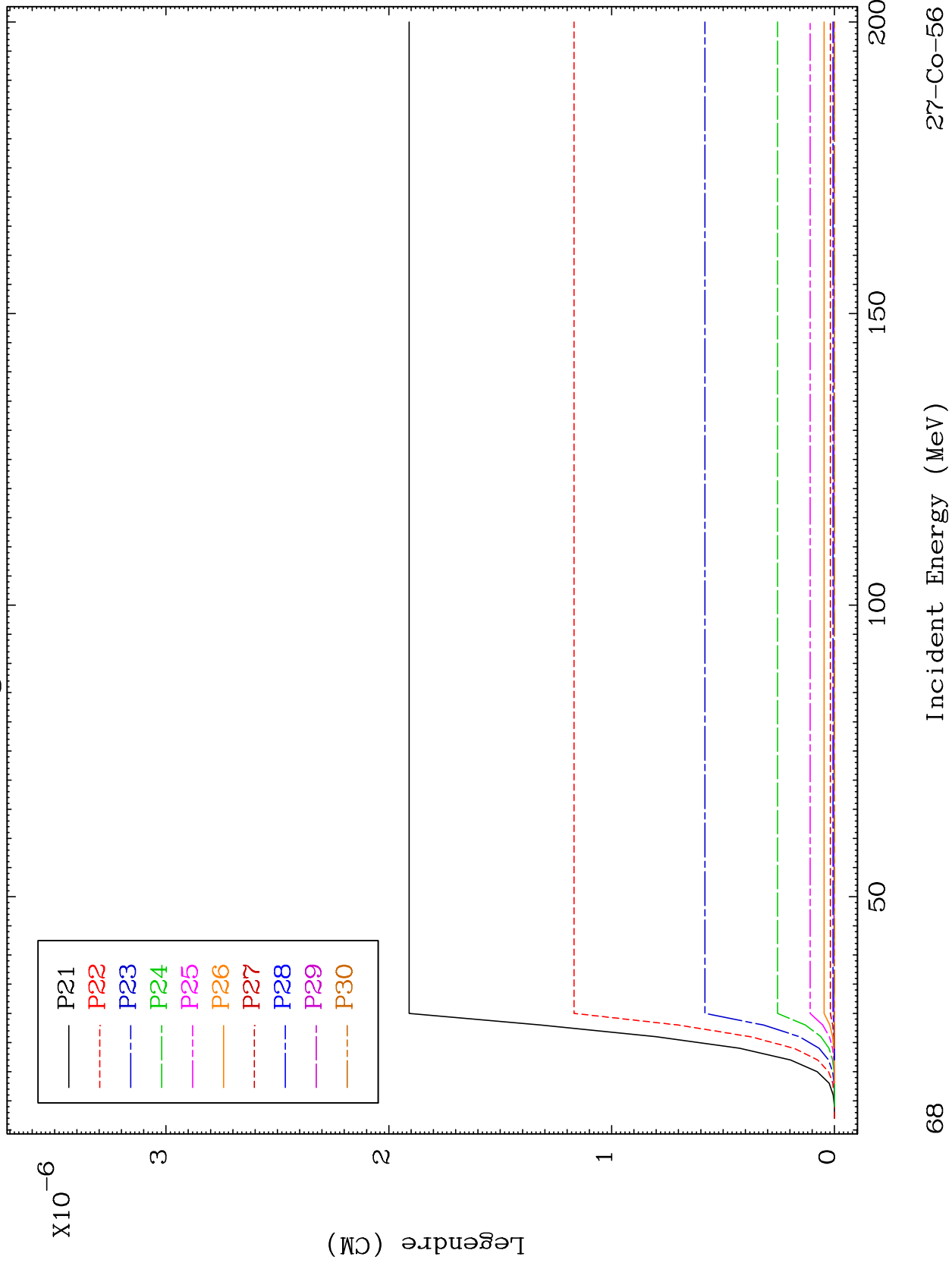
Incident Energy (MeV)

27-Co-56

MAT 2716

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

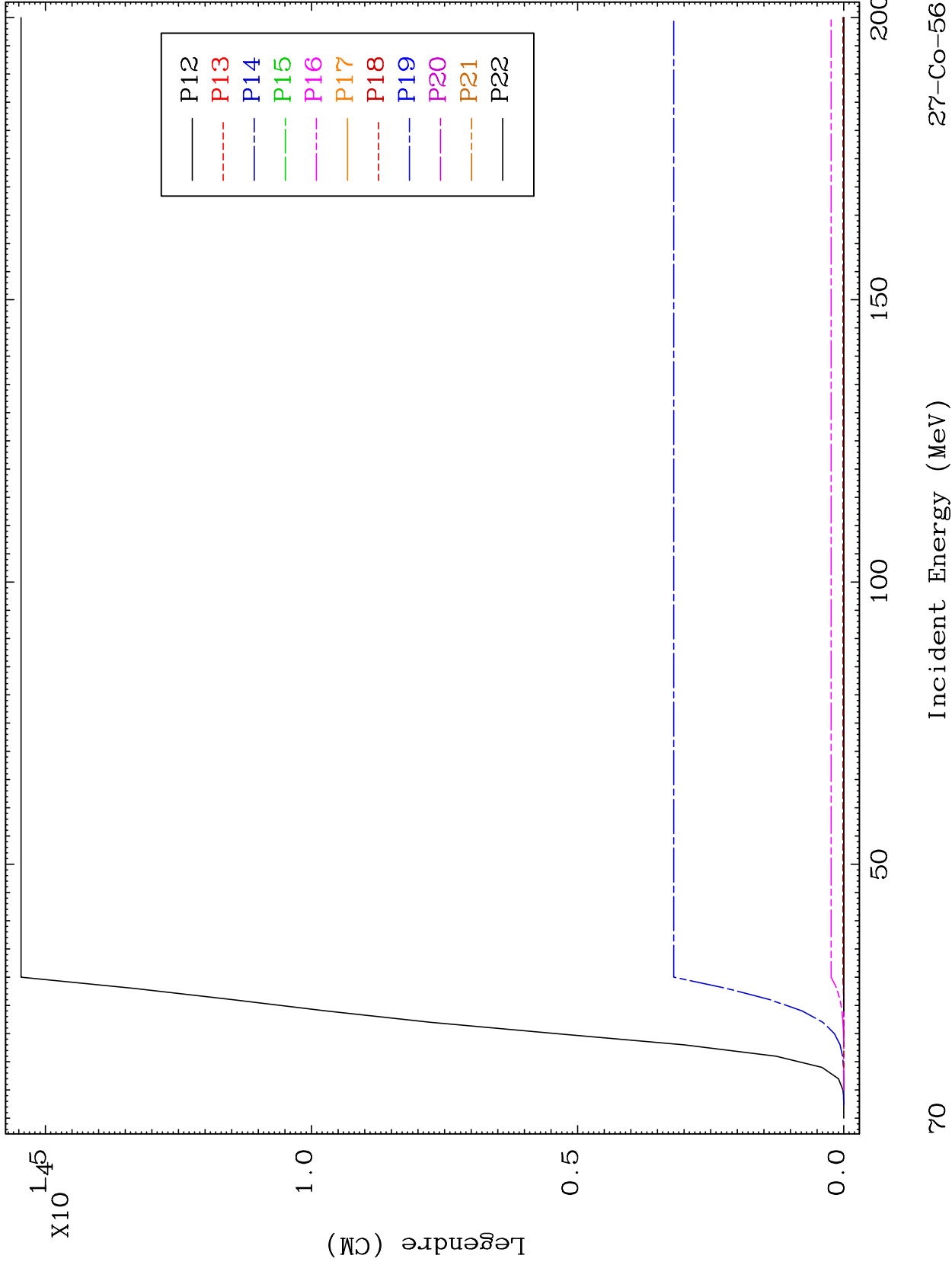
27-Co-56



MAT 2716

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

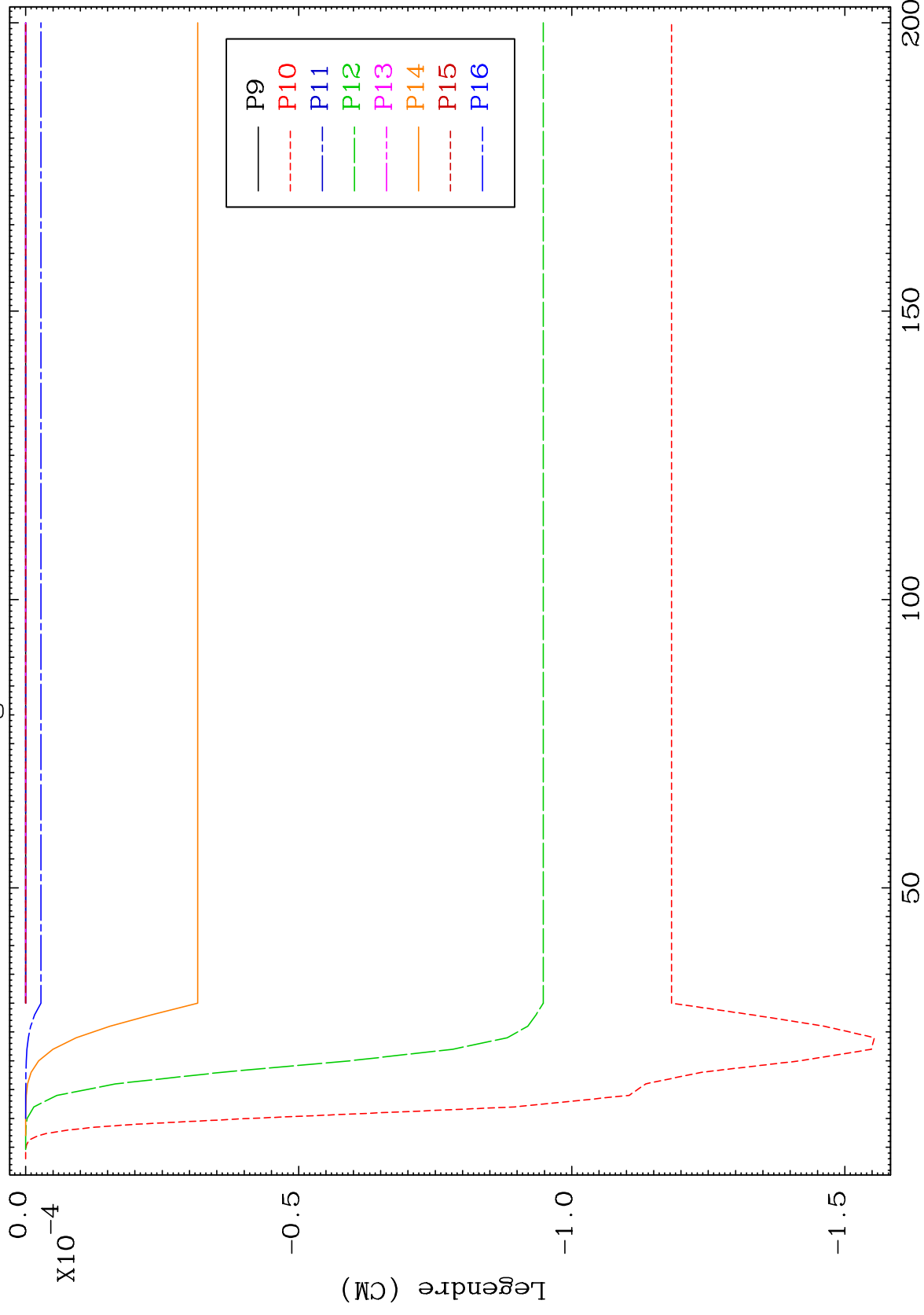
27-Co-56



MAT 2716

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

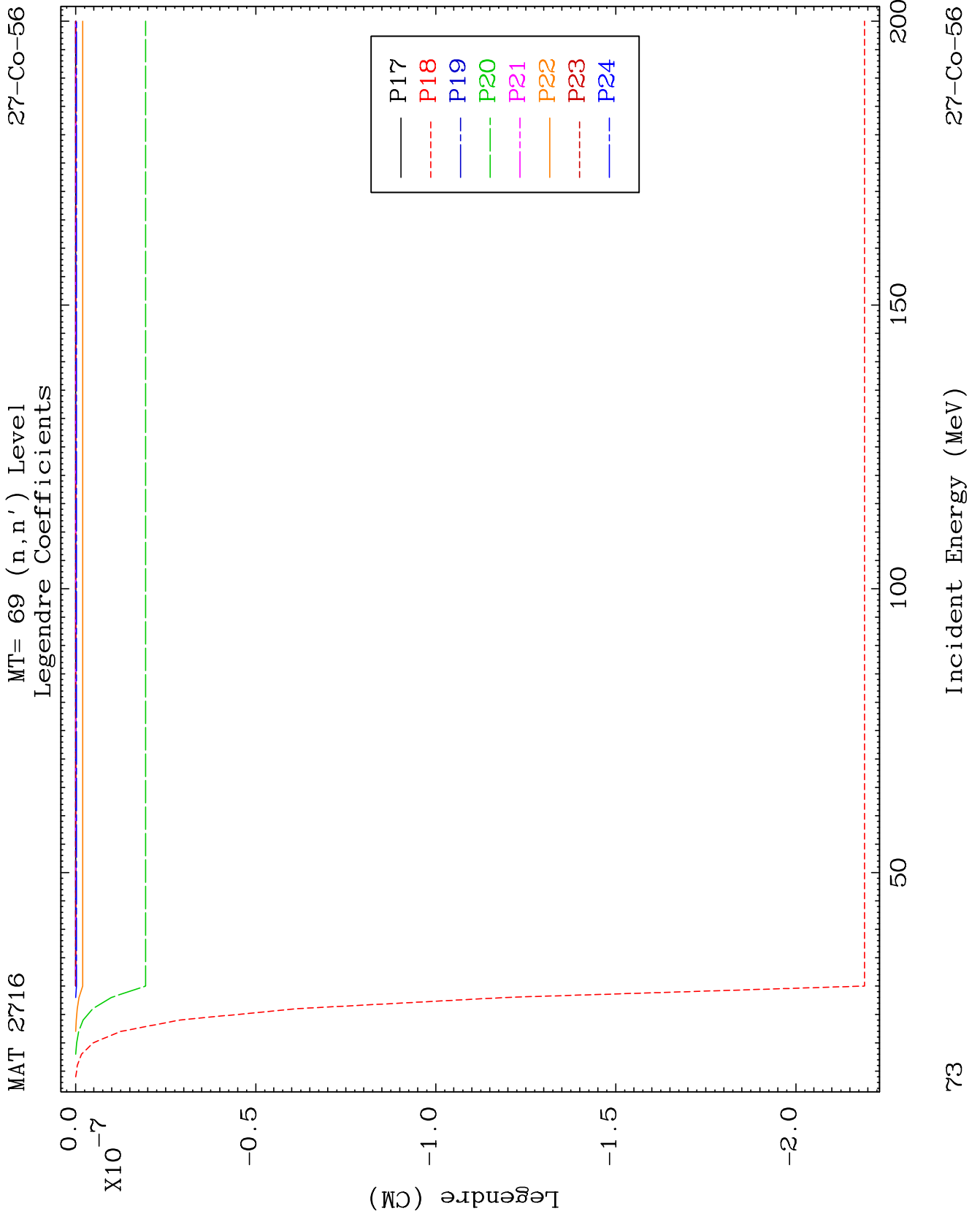
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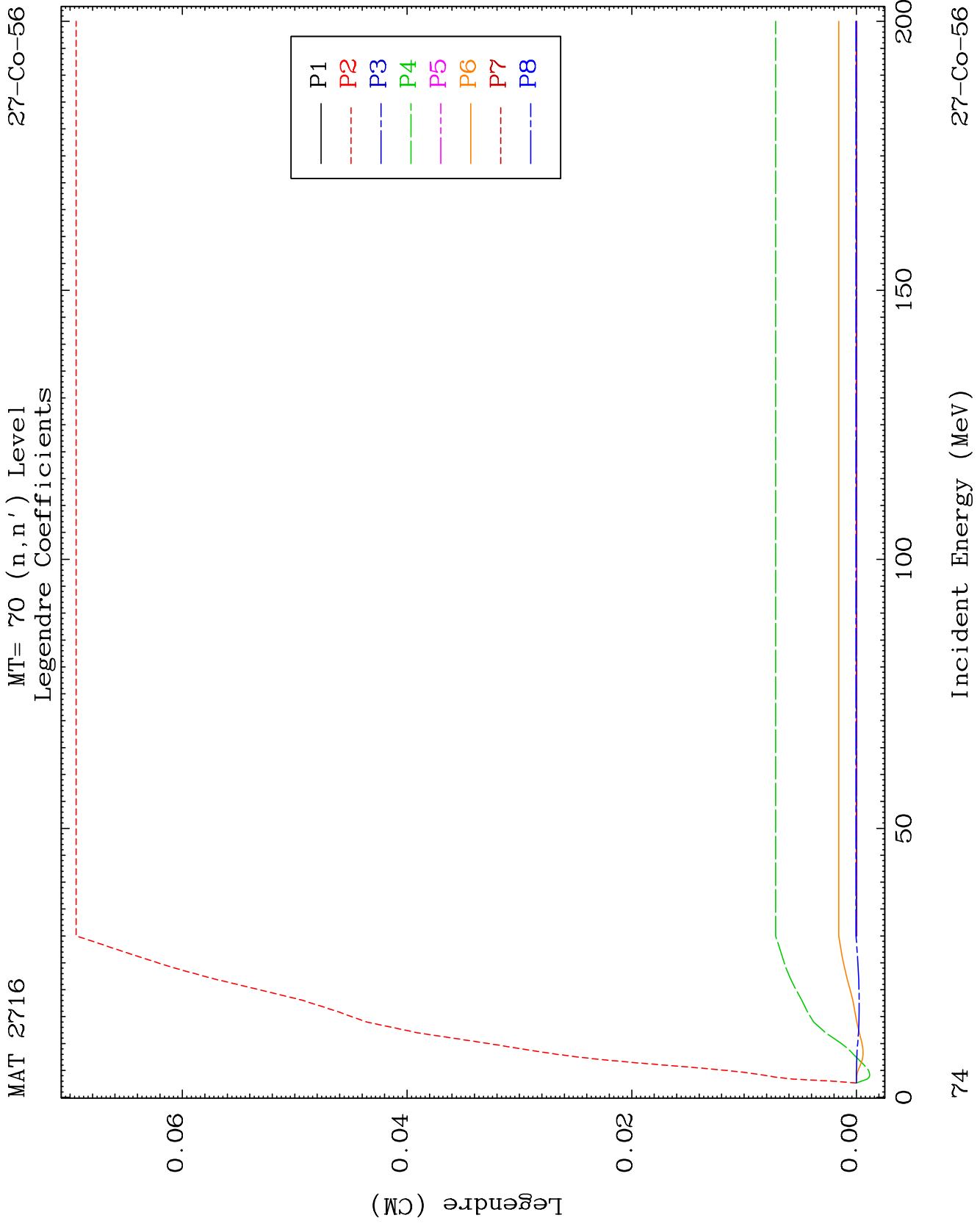


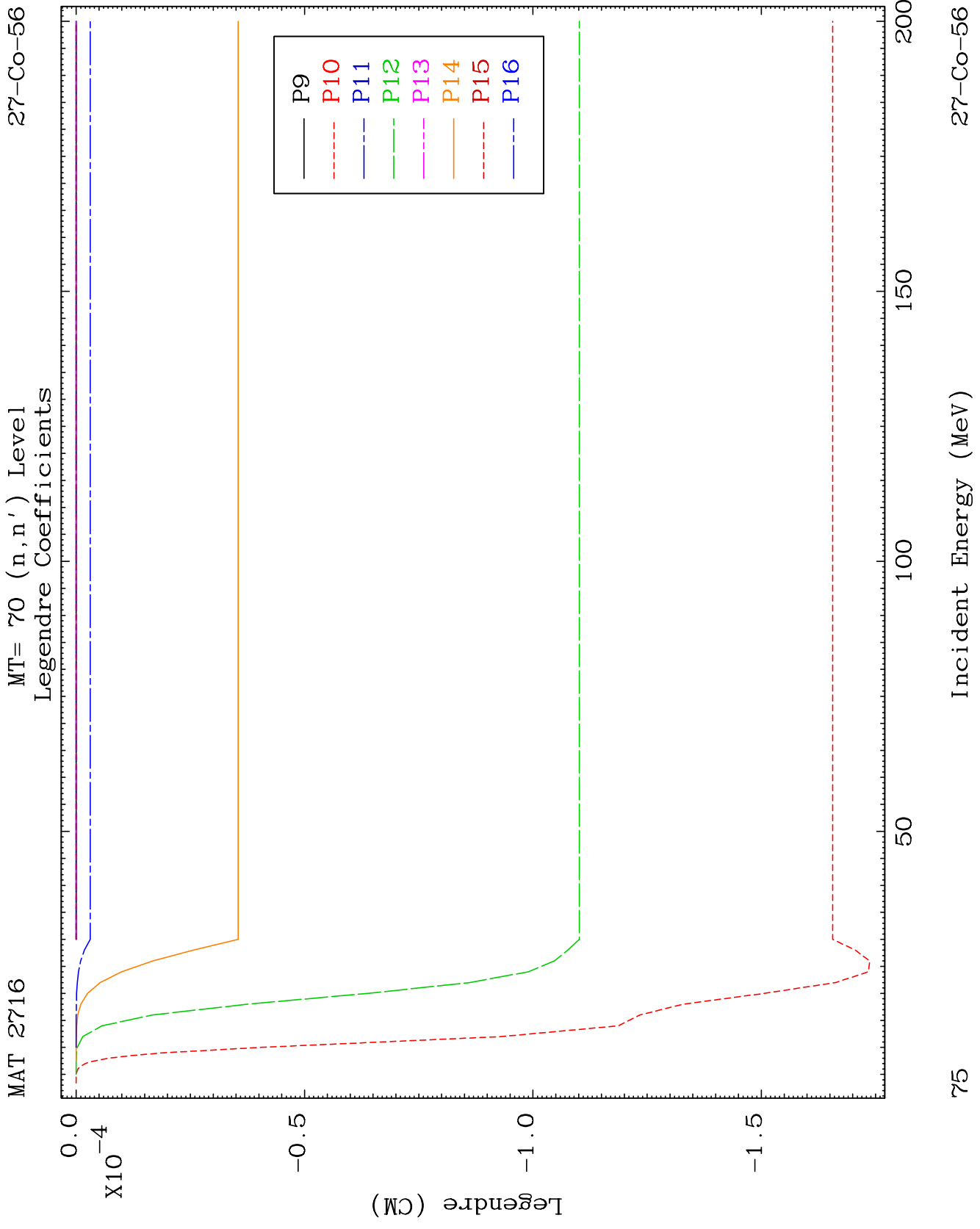
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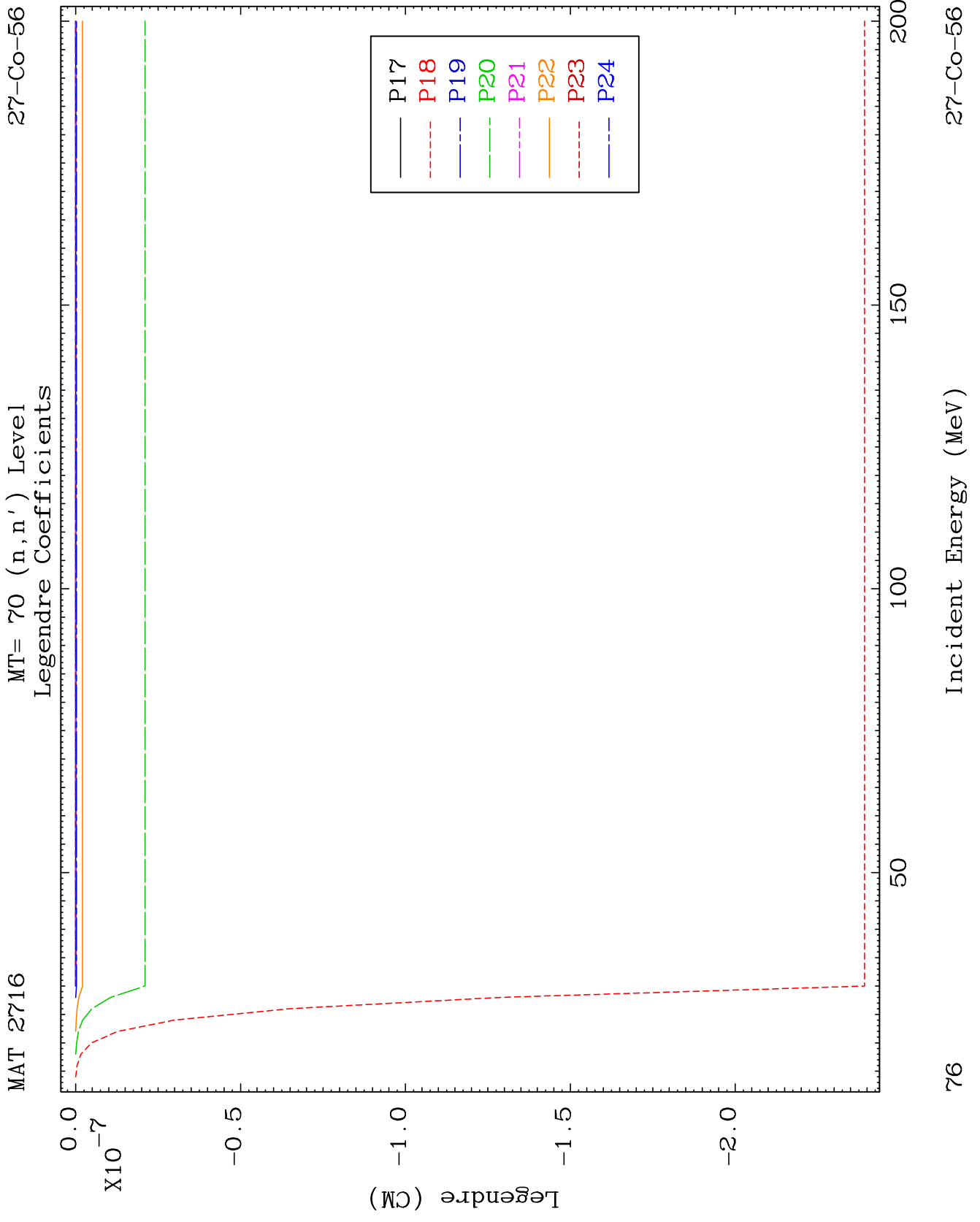
Incident Energy (MeV)

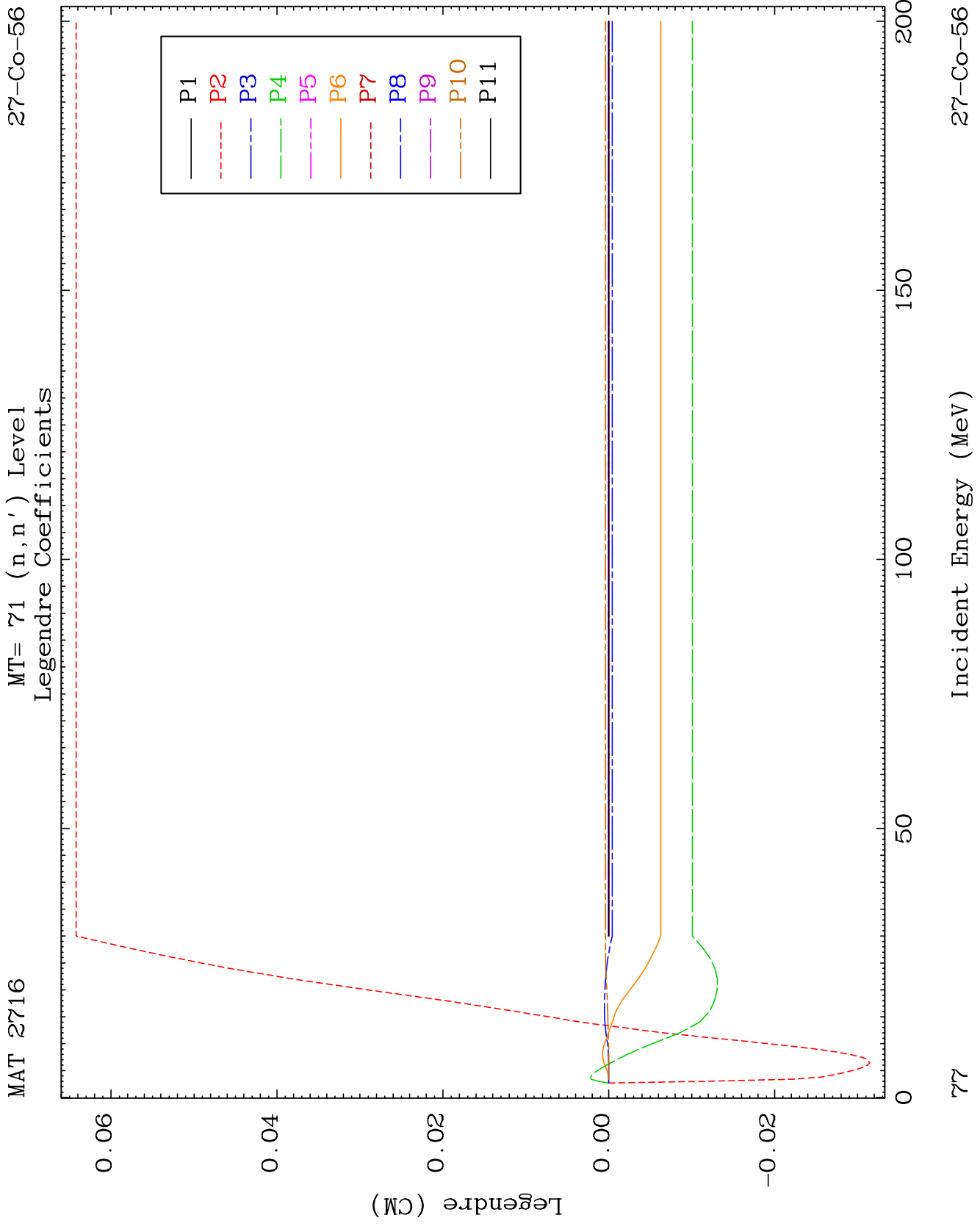
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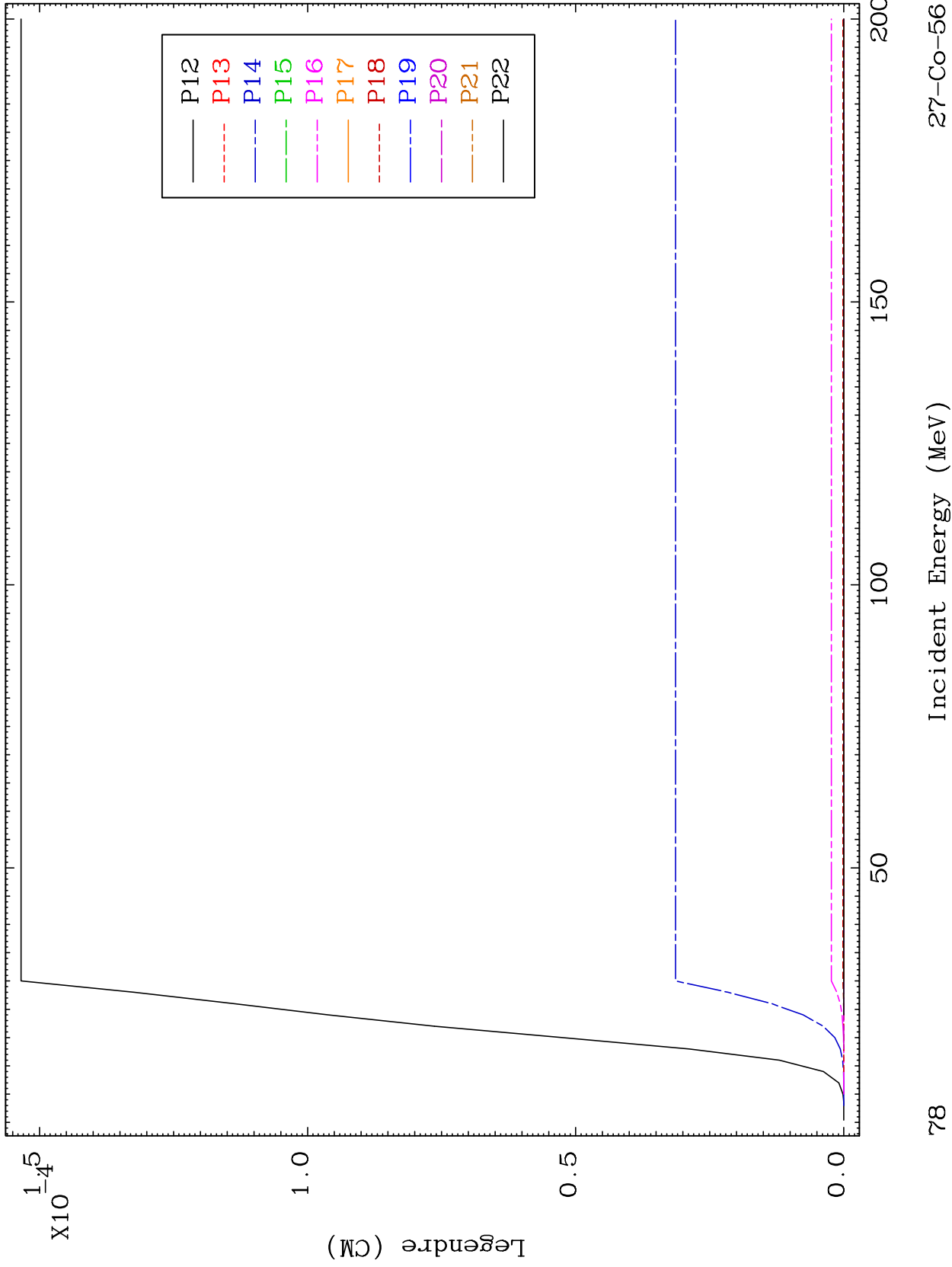




MAT 2716

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

27-Co-56



78

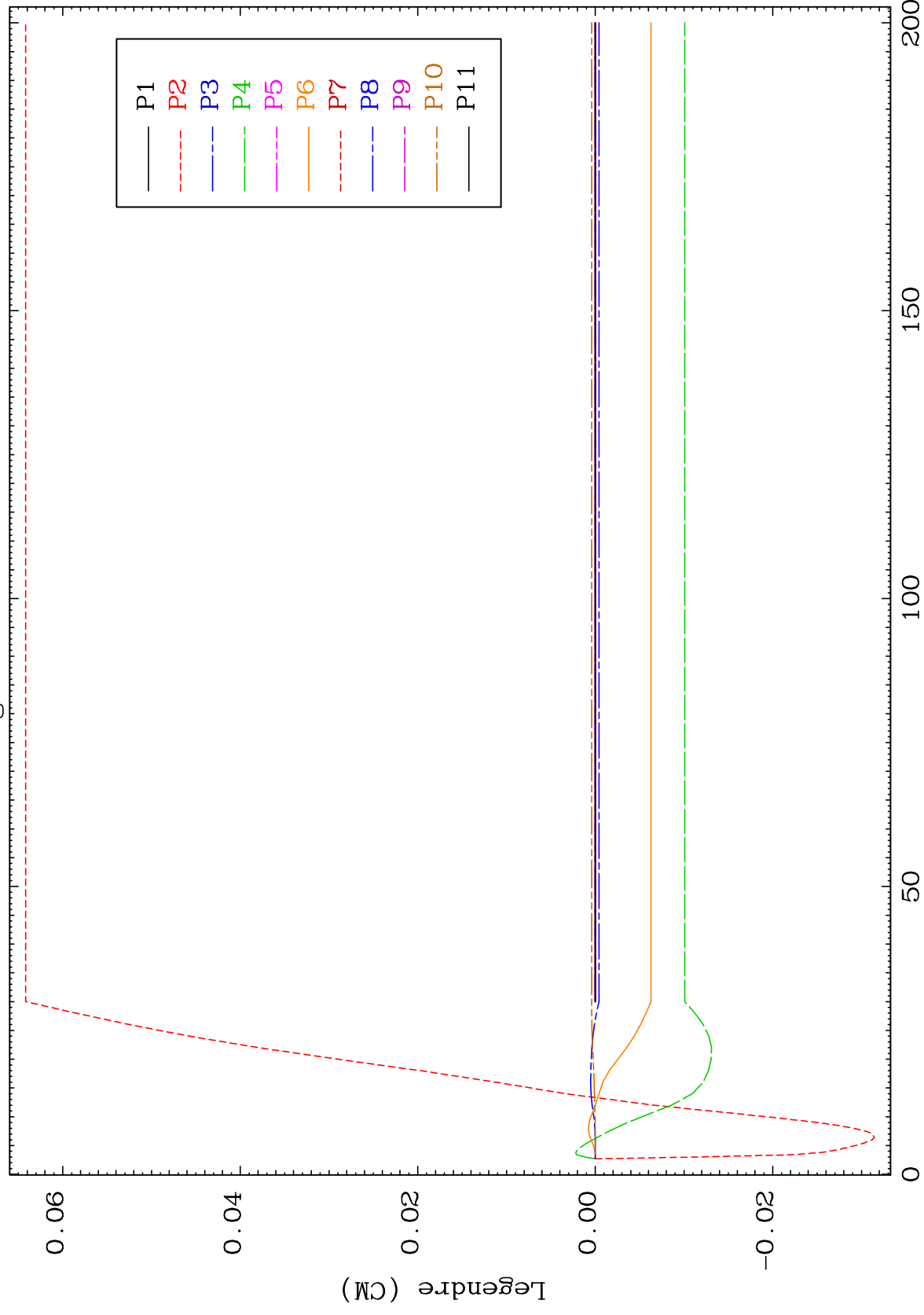
Incident Energy (MeV)

27-Co-56

MAT 2716

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

27-Co-56



79

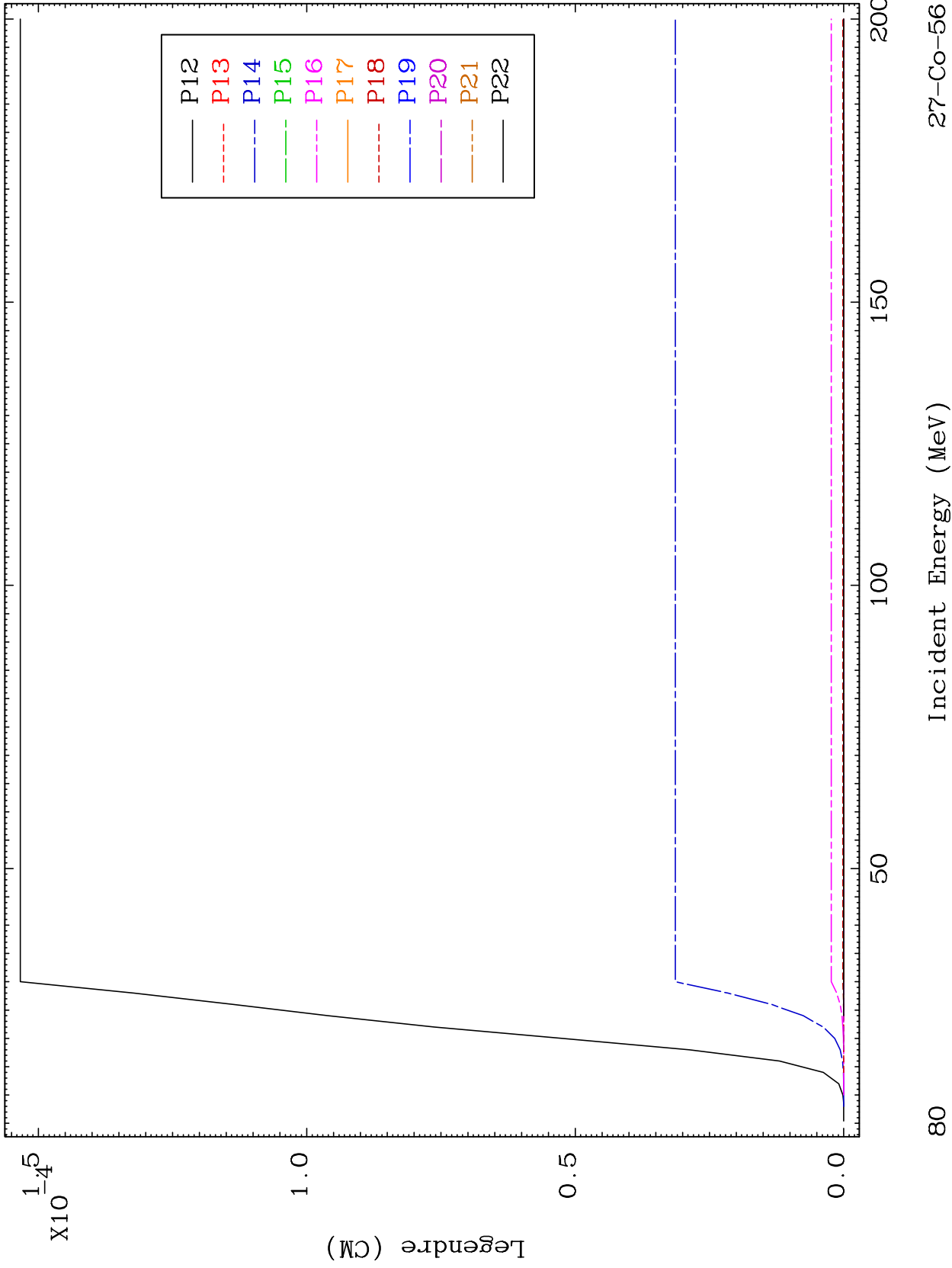
Incident Energy (MeV)

27-Co-56

MAT 2716

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

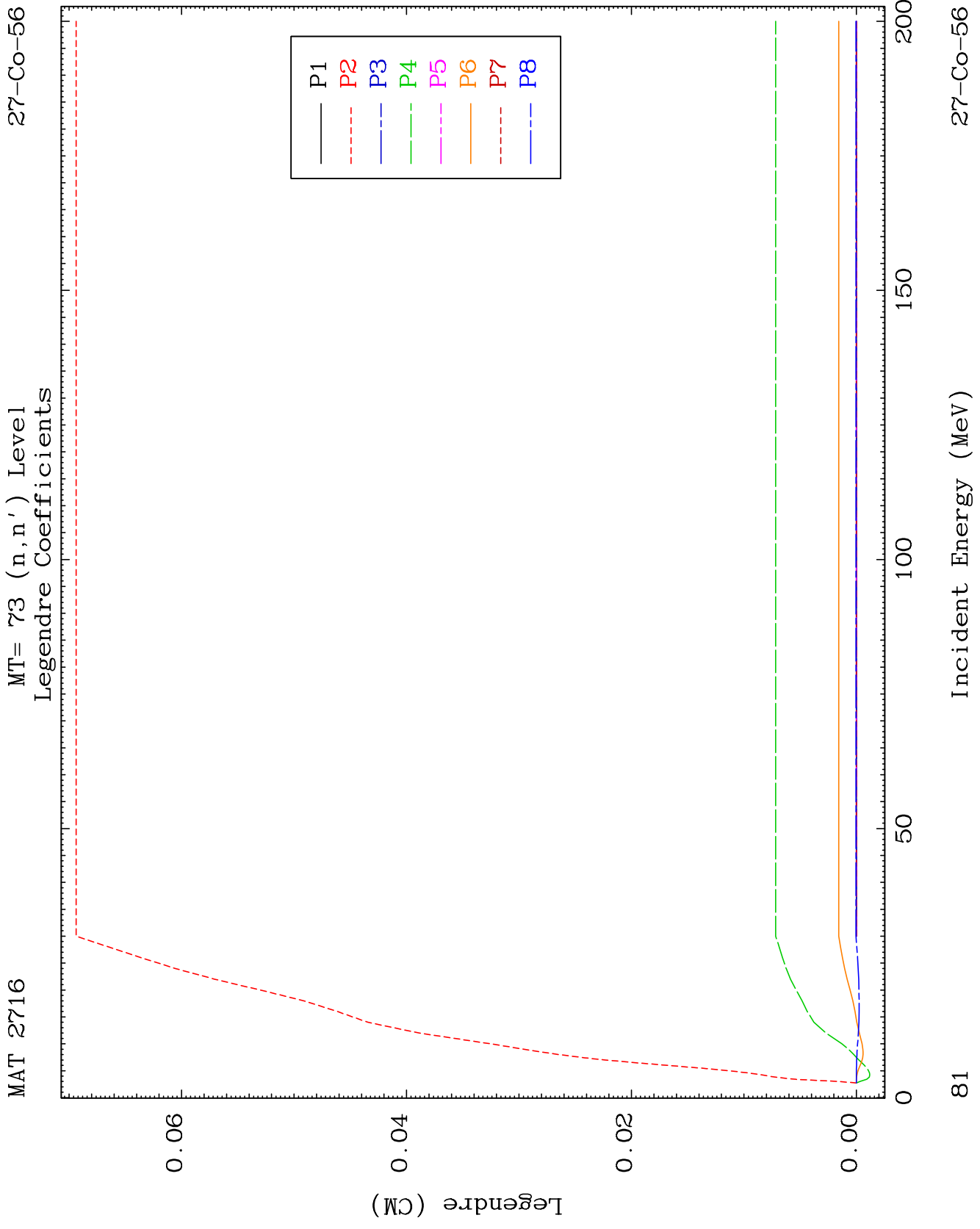
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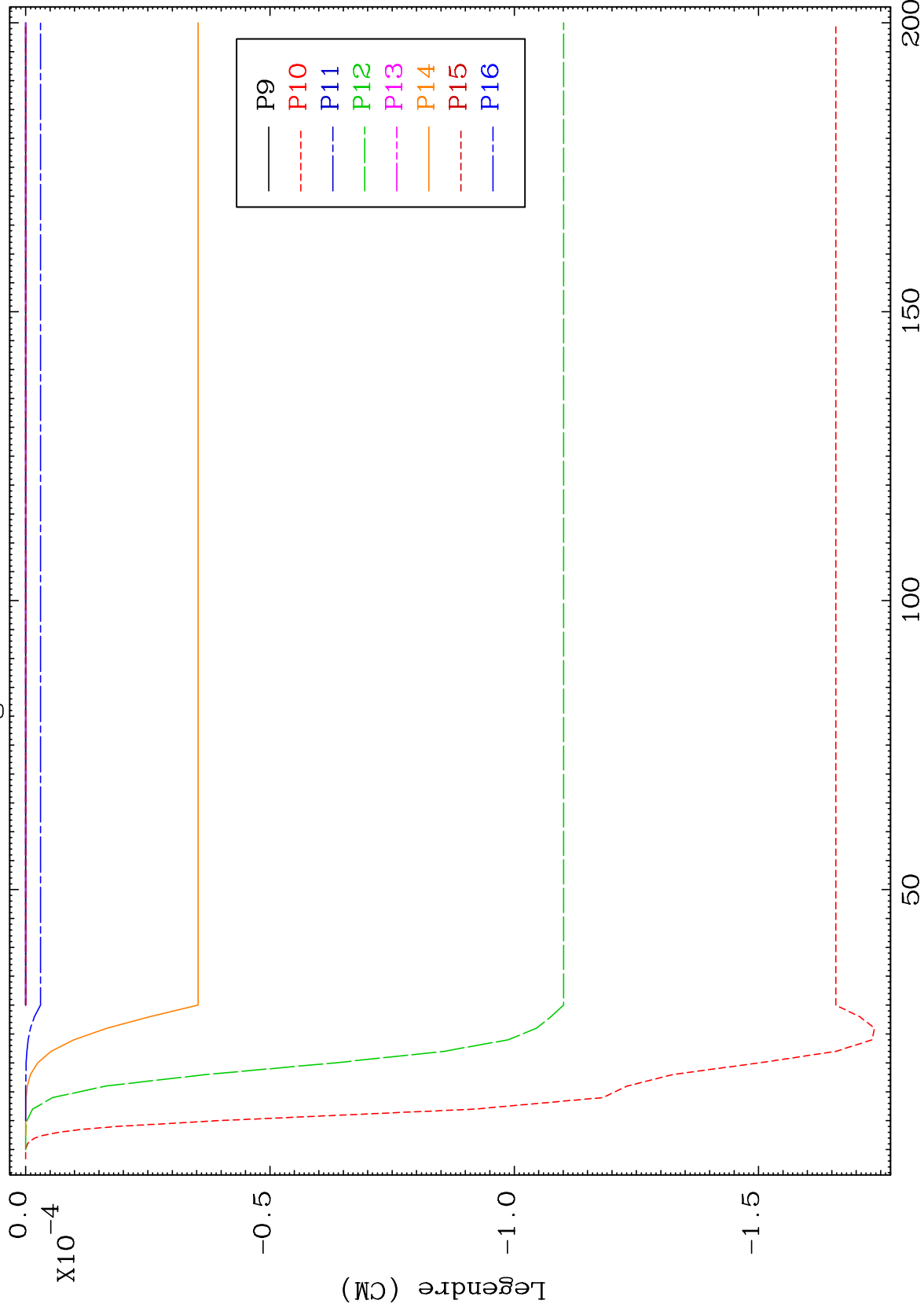


80

Incident Energy (MeV)

27-Co-56

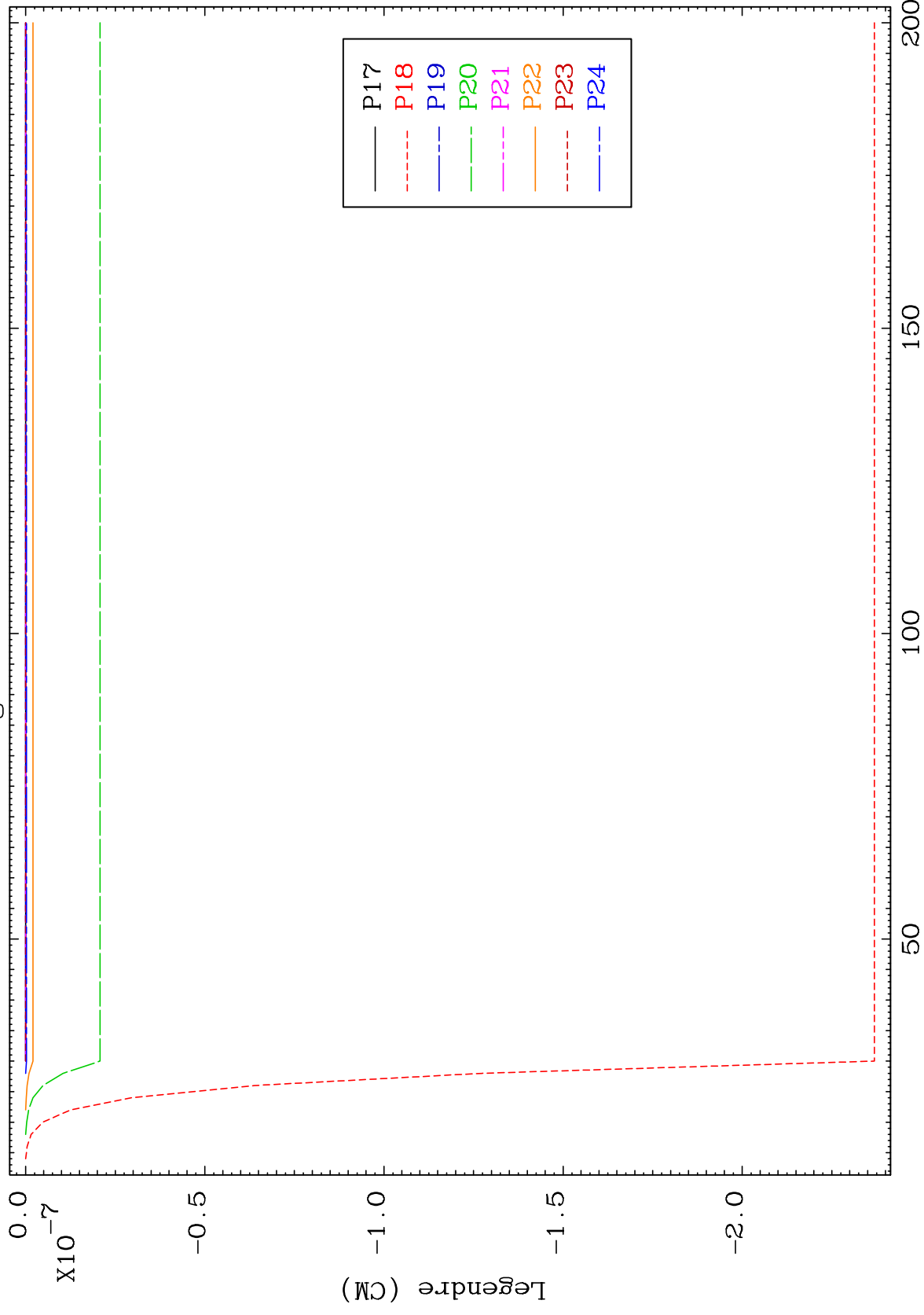




MAT 2716

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

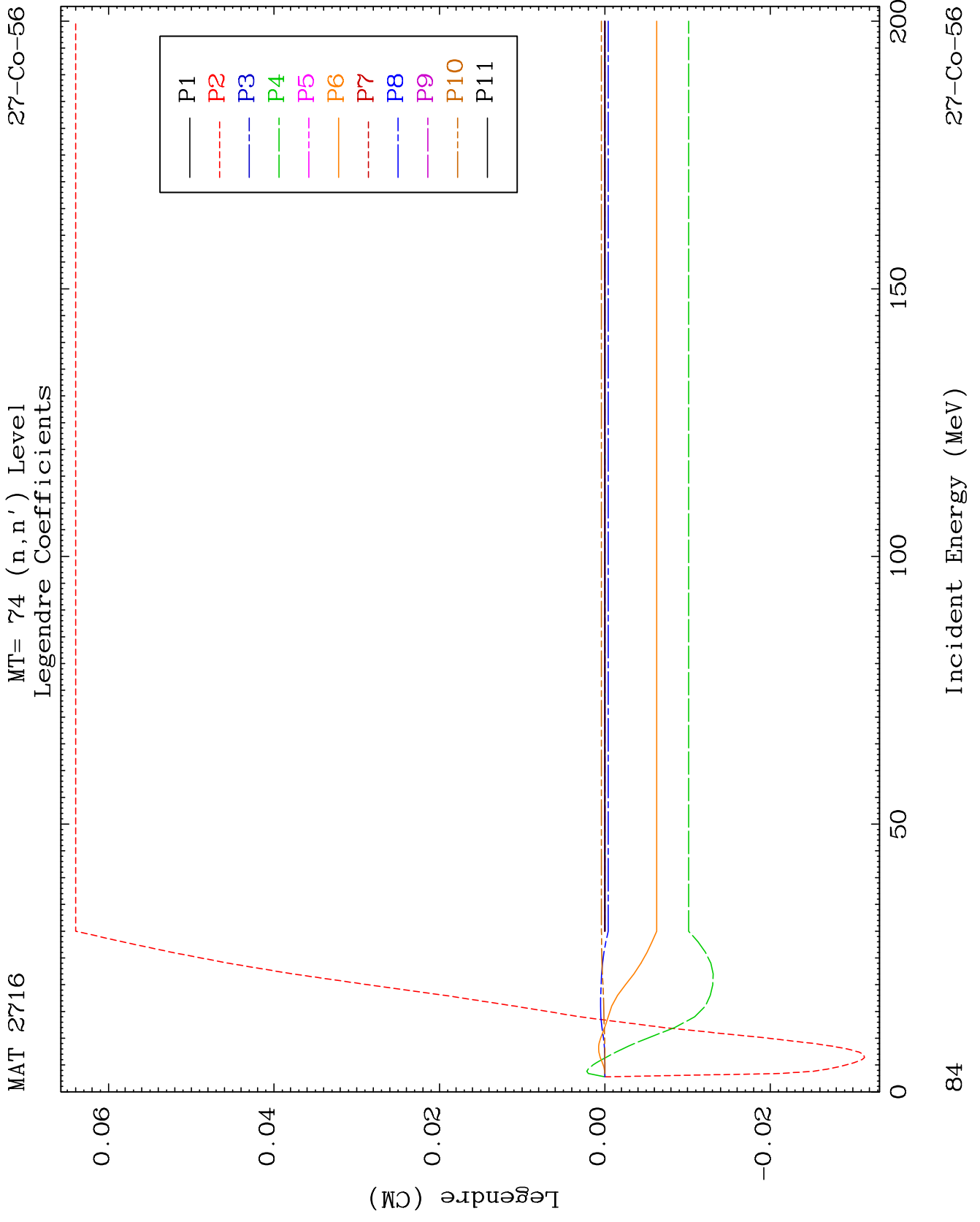
27-Co-56



27-Co-56

Incident Energy (MeV)

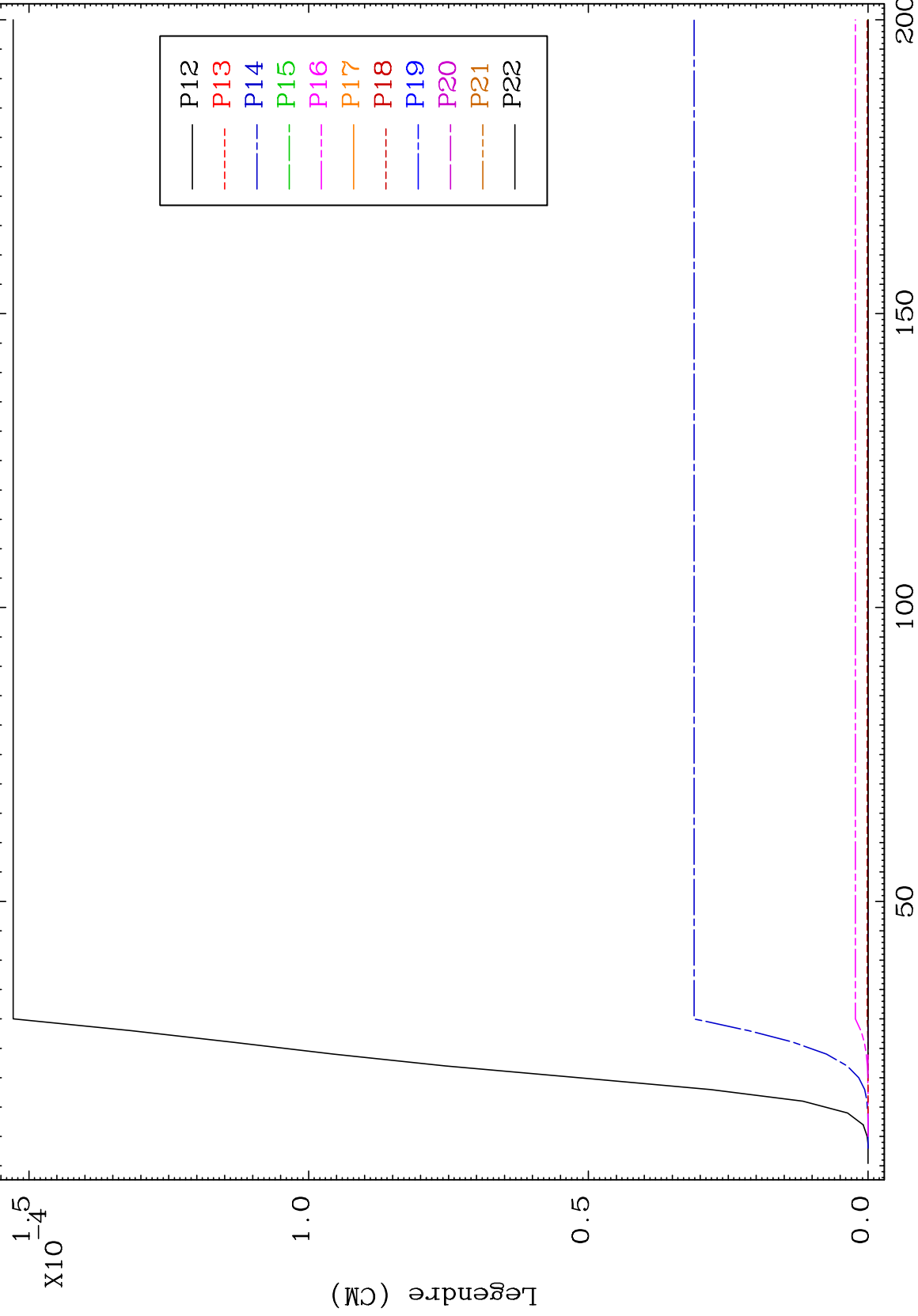
83



MAT 2716

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

27-Co-56



85

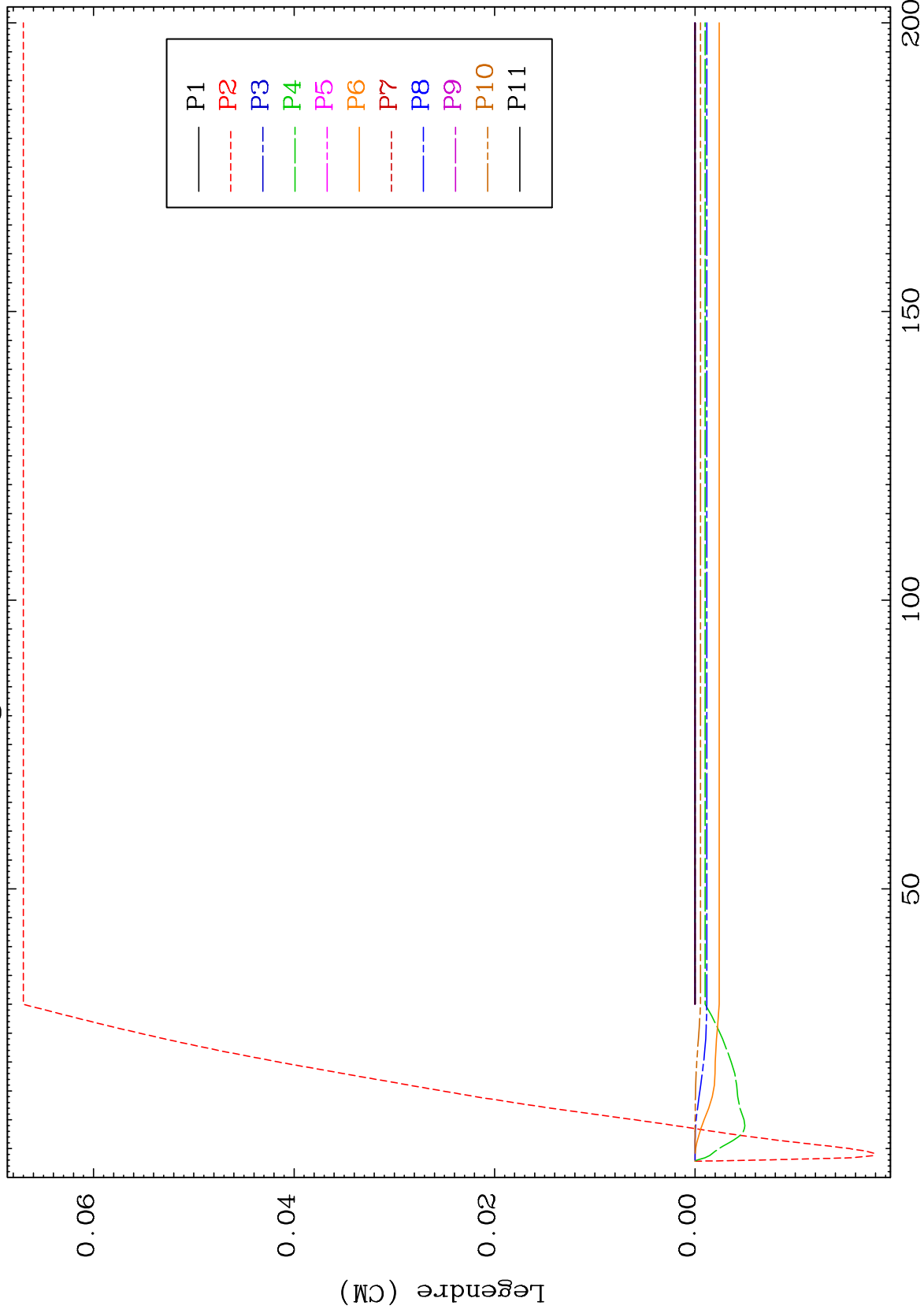
Incident Energy (MeV)

27-Co-56

MAT 2716

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

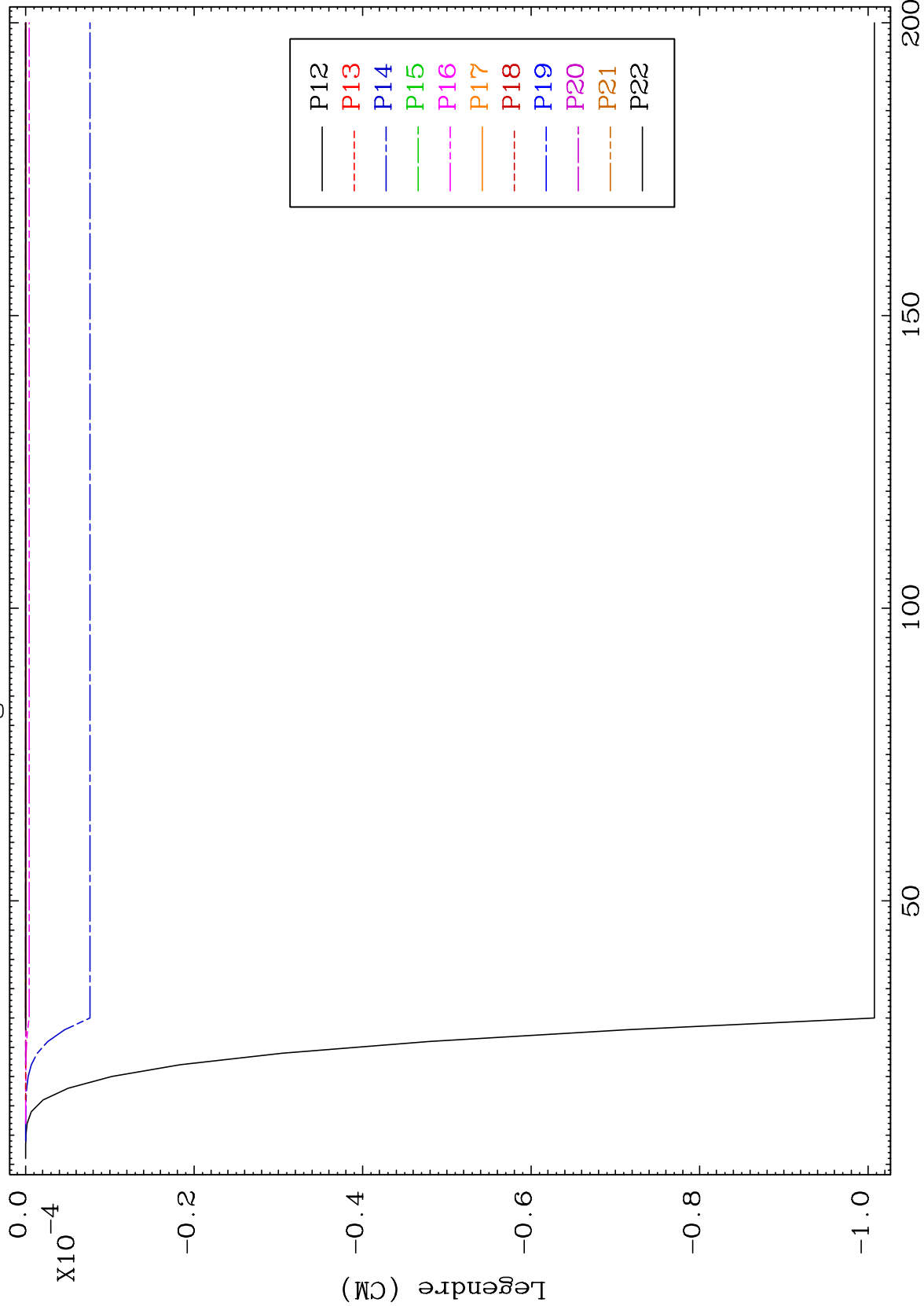
27-Co-56



86

Incident Energy (MeV)

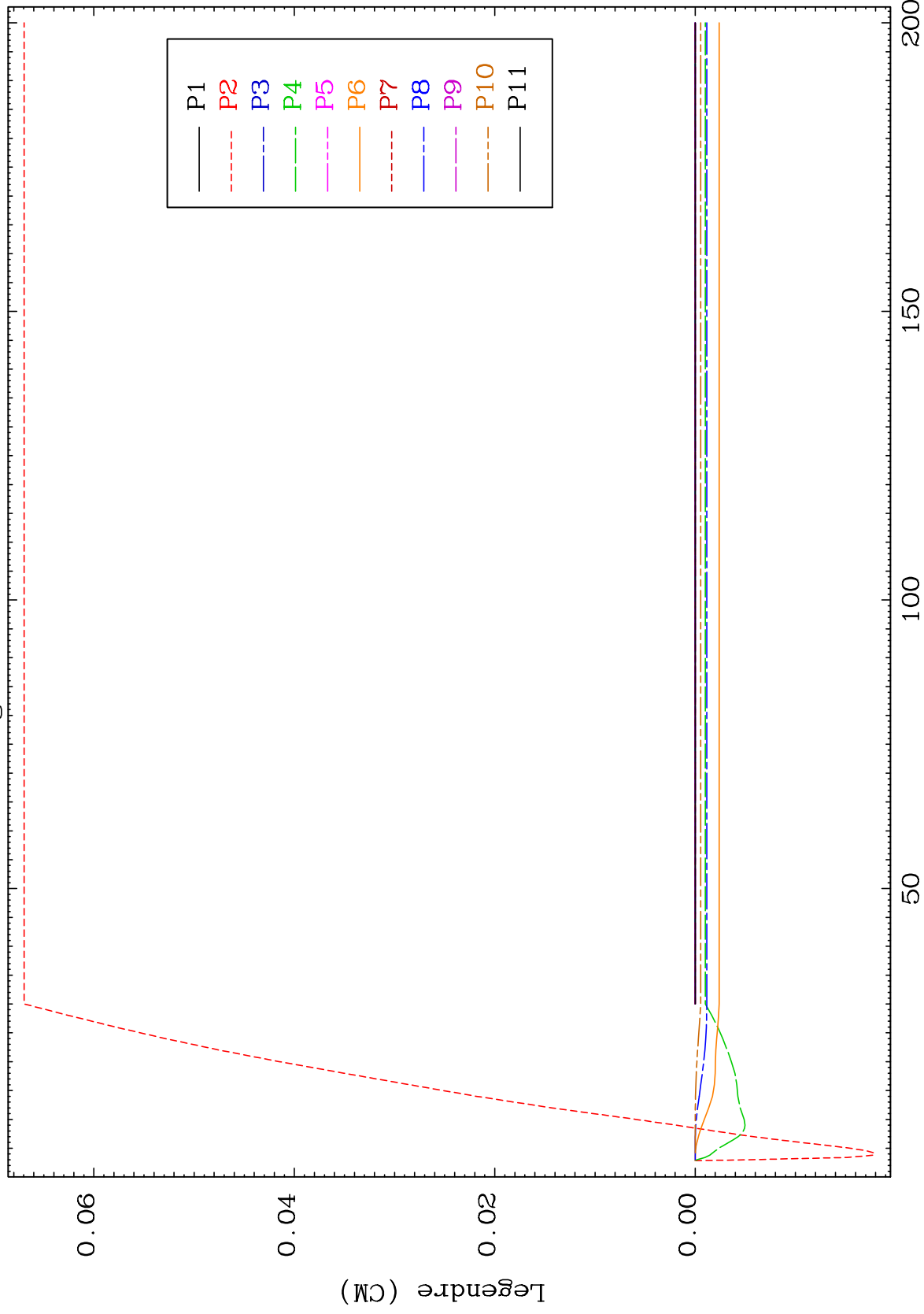
27-Co-56



MAT 2716

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

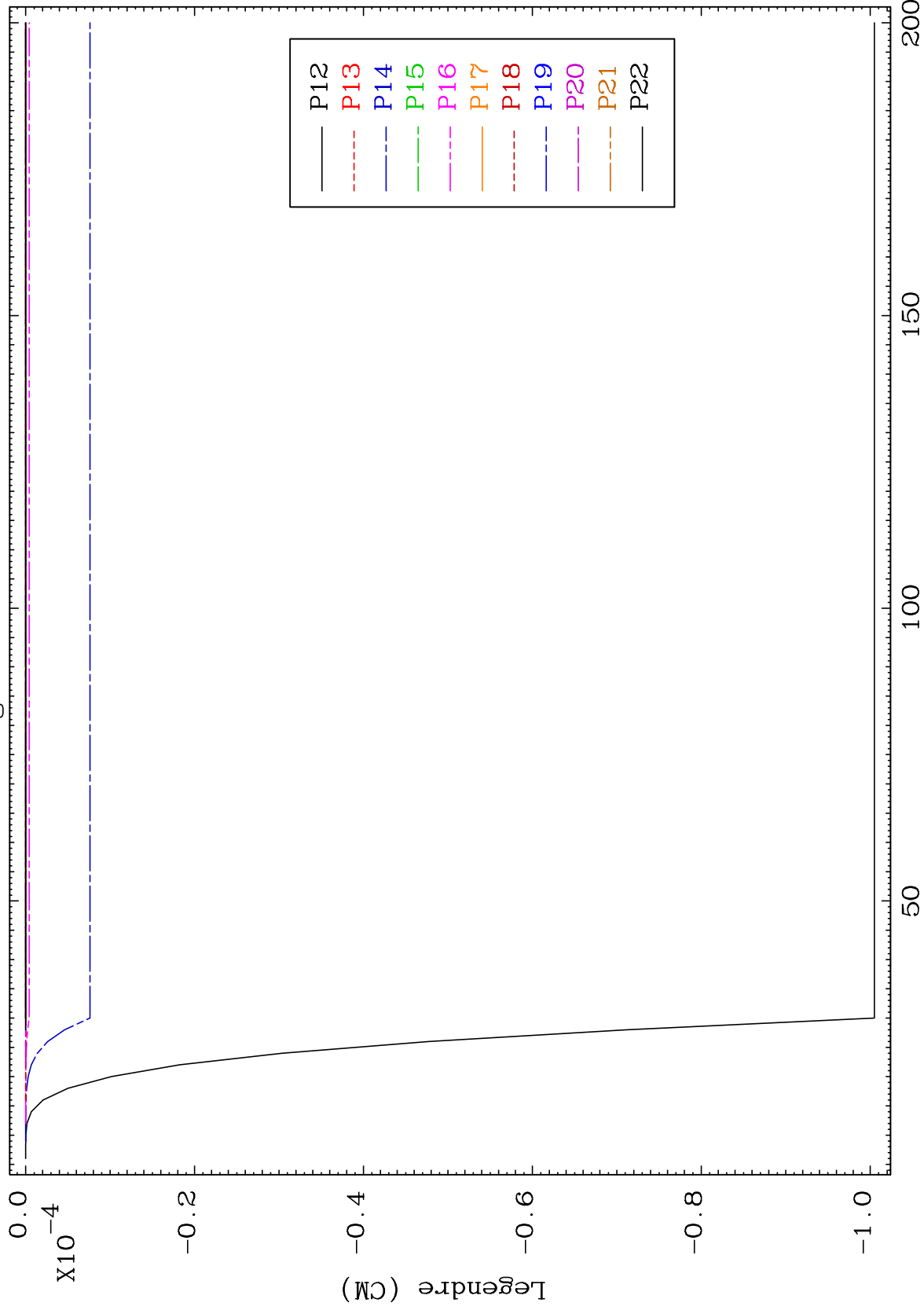
27-Co-56



88

Incident Energy (MeV)

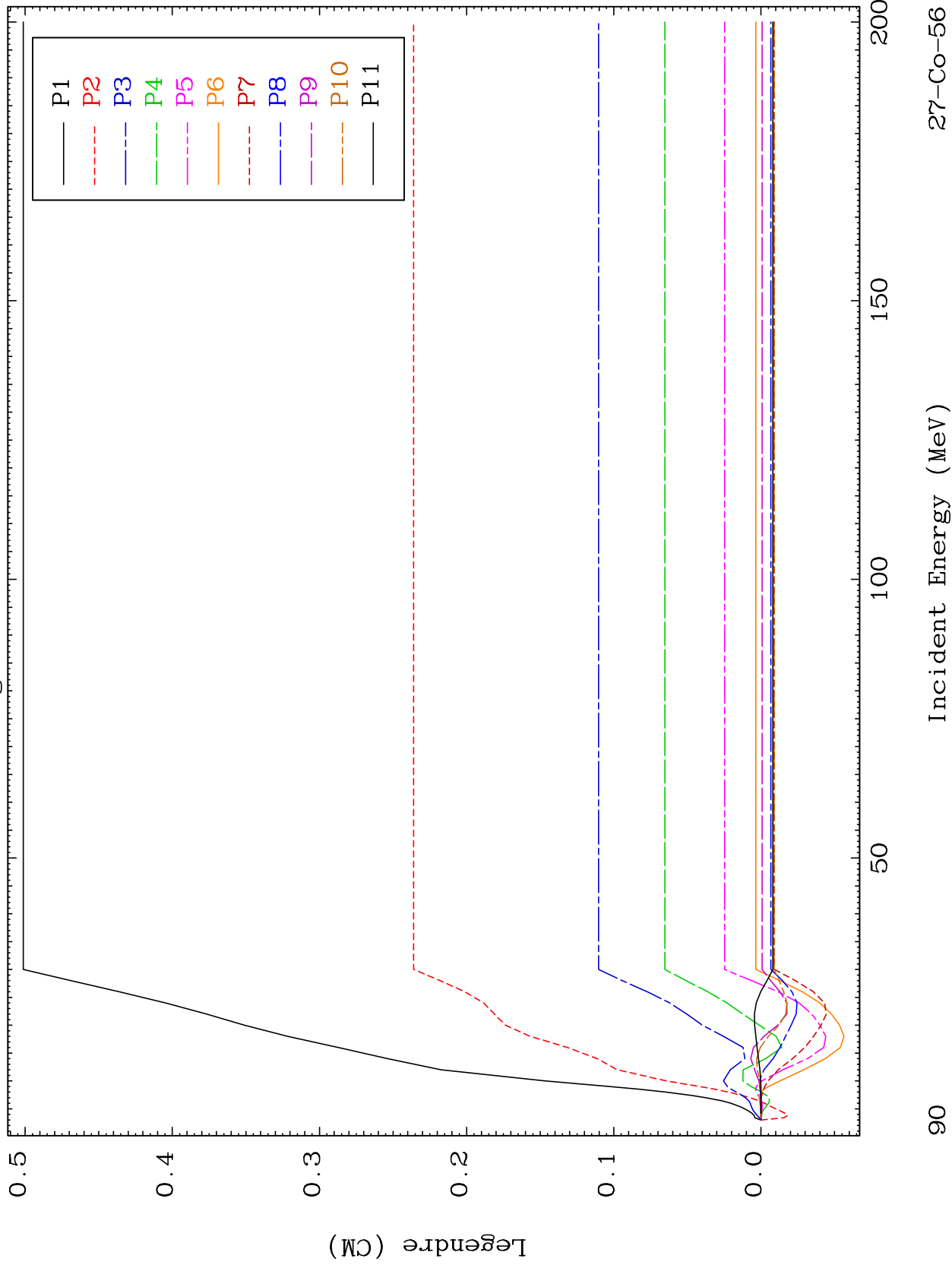
27-Co-56



MAT 2716

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

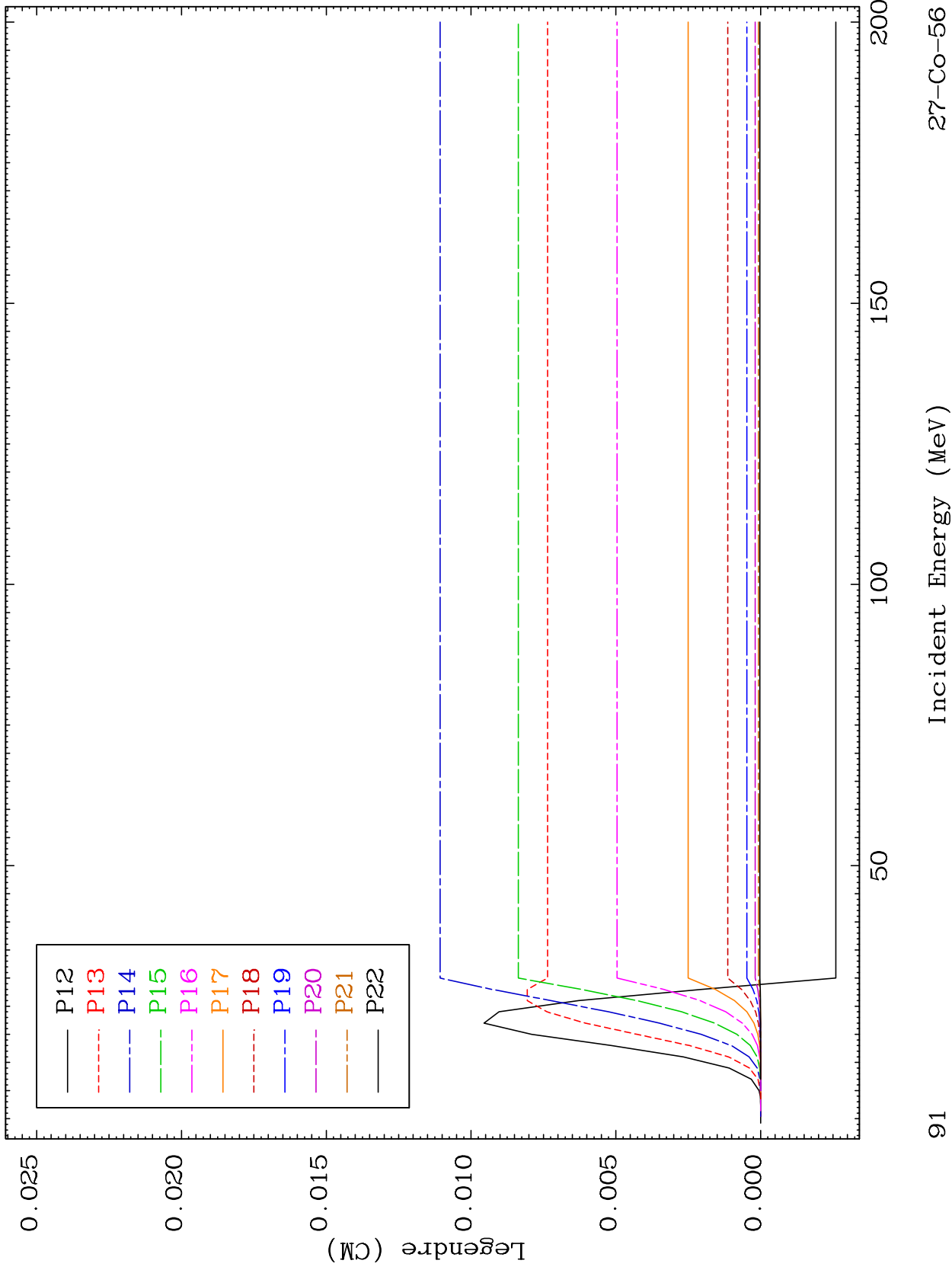
27-Co-56



27-Co-56

Incident Energy (MeV)

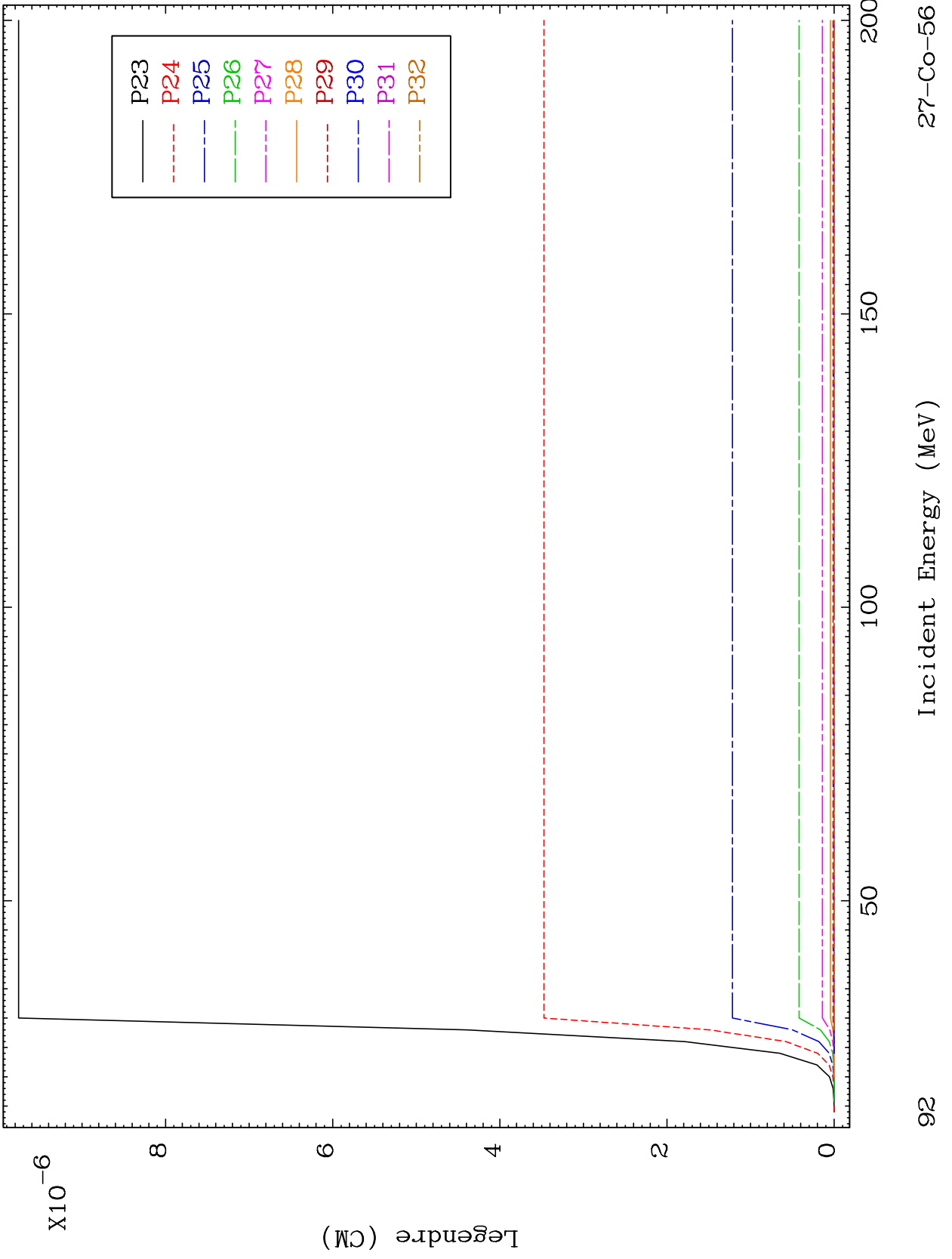
90

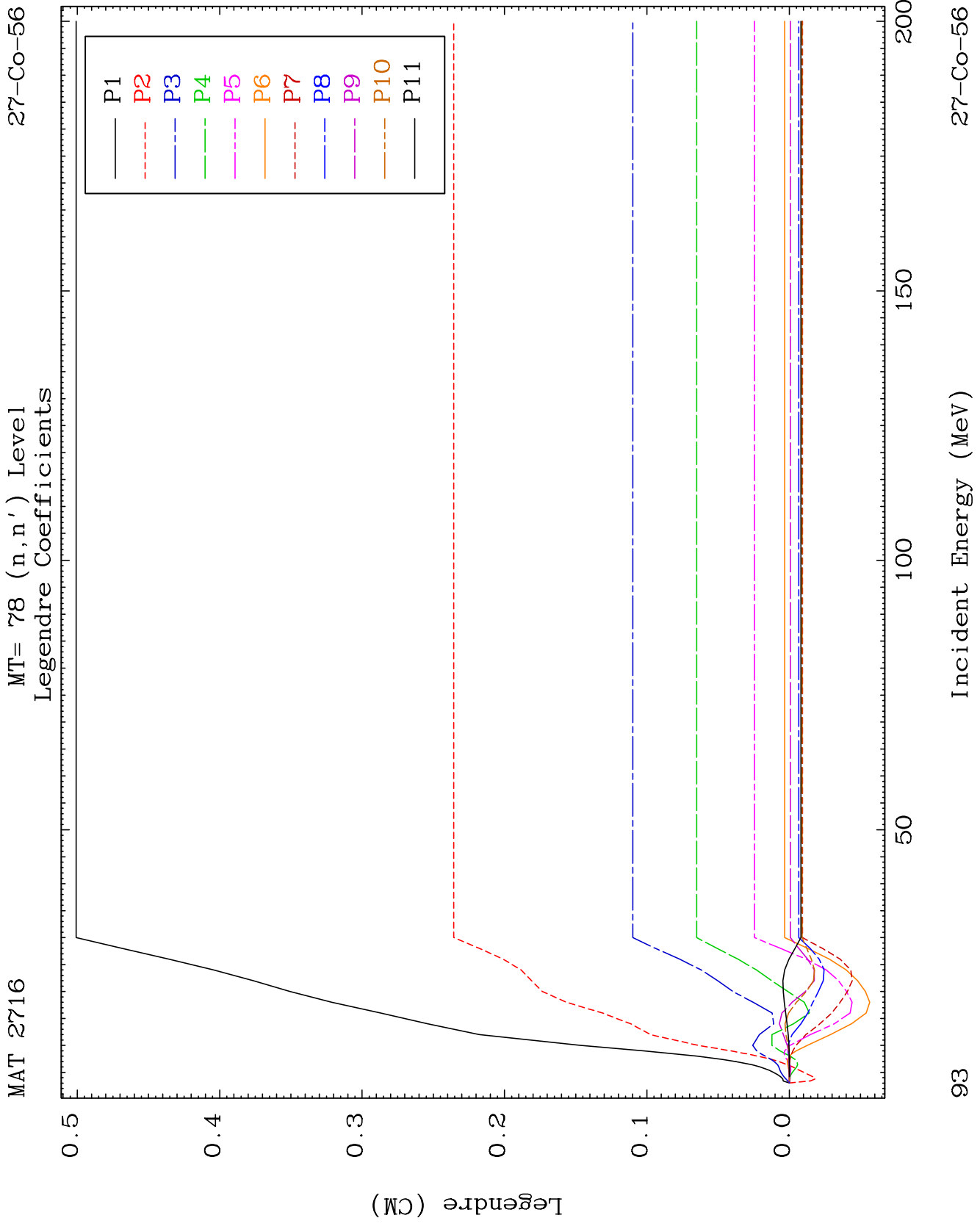


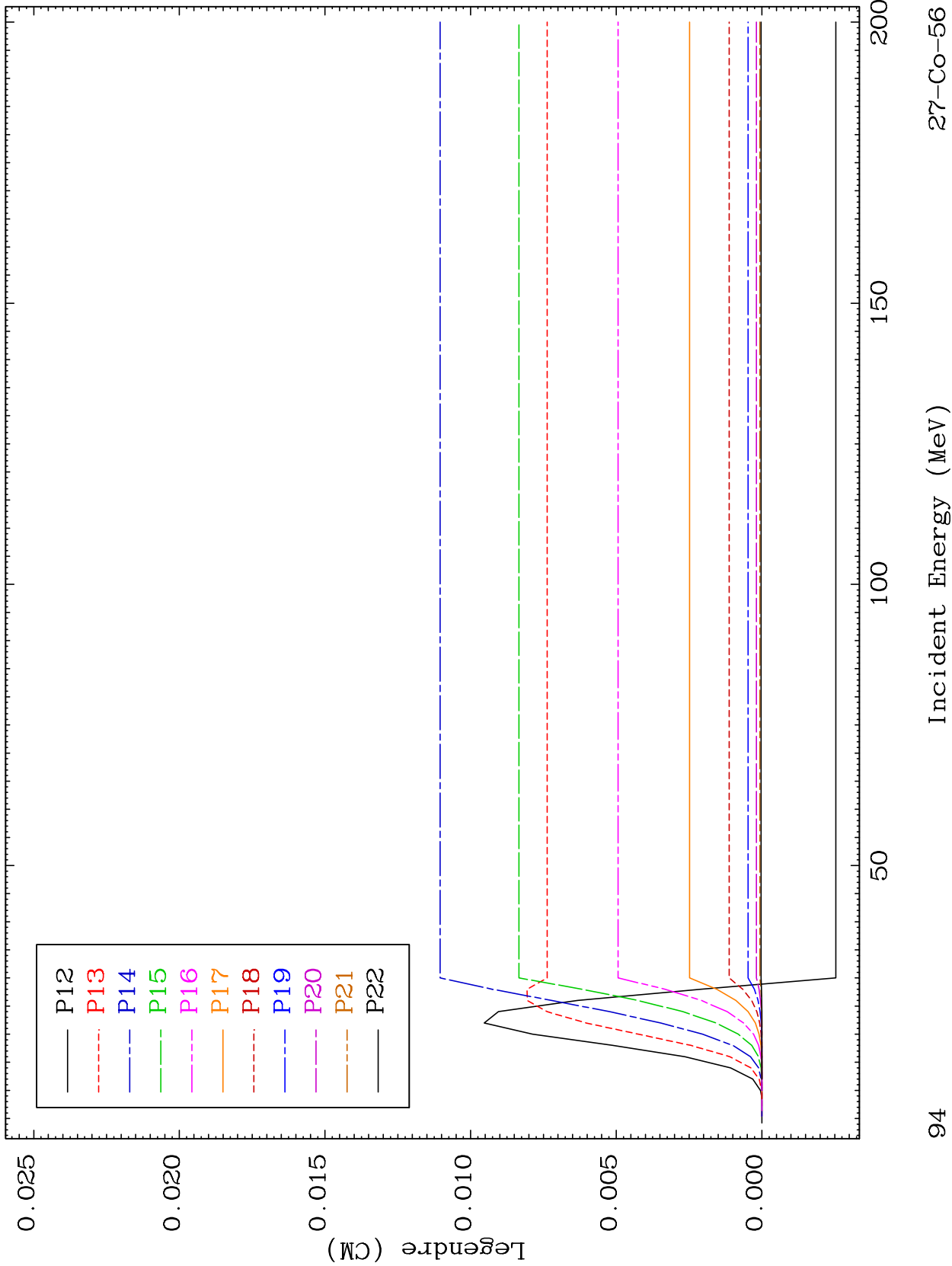
MAT 2716

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

27-Co-56



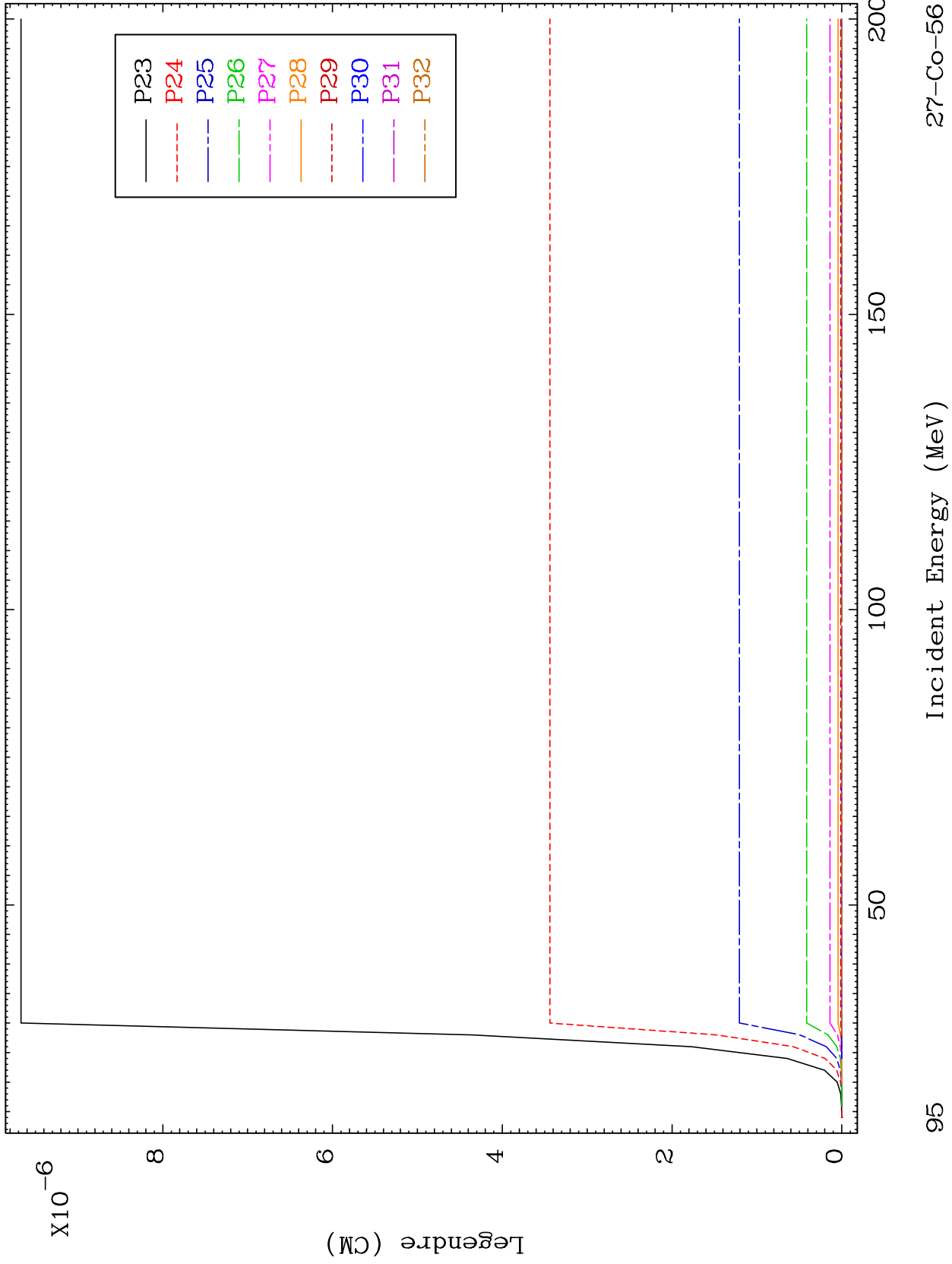


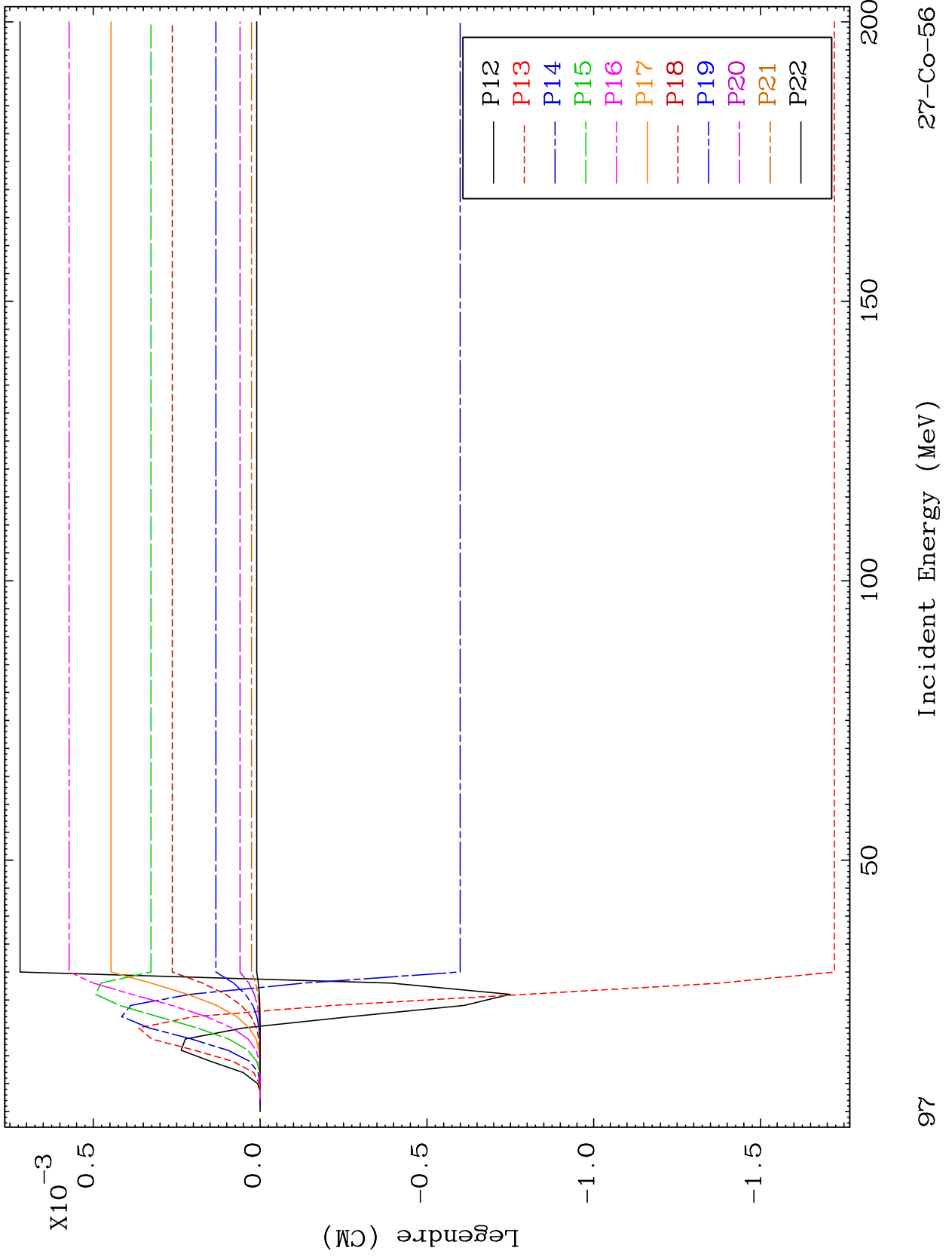


MAT 2716

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

27-Co-56

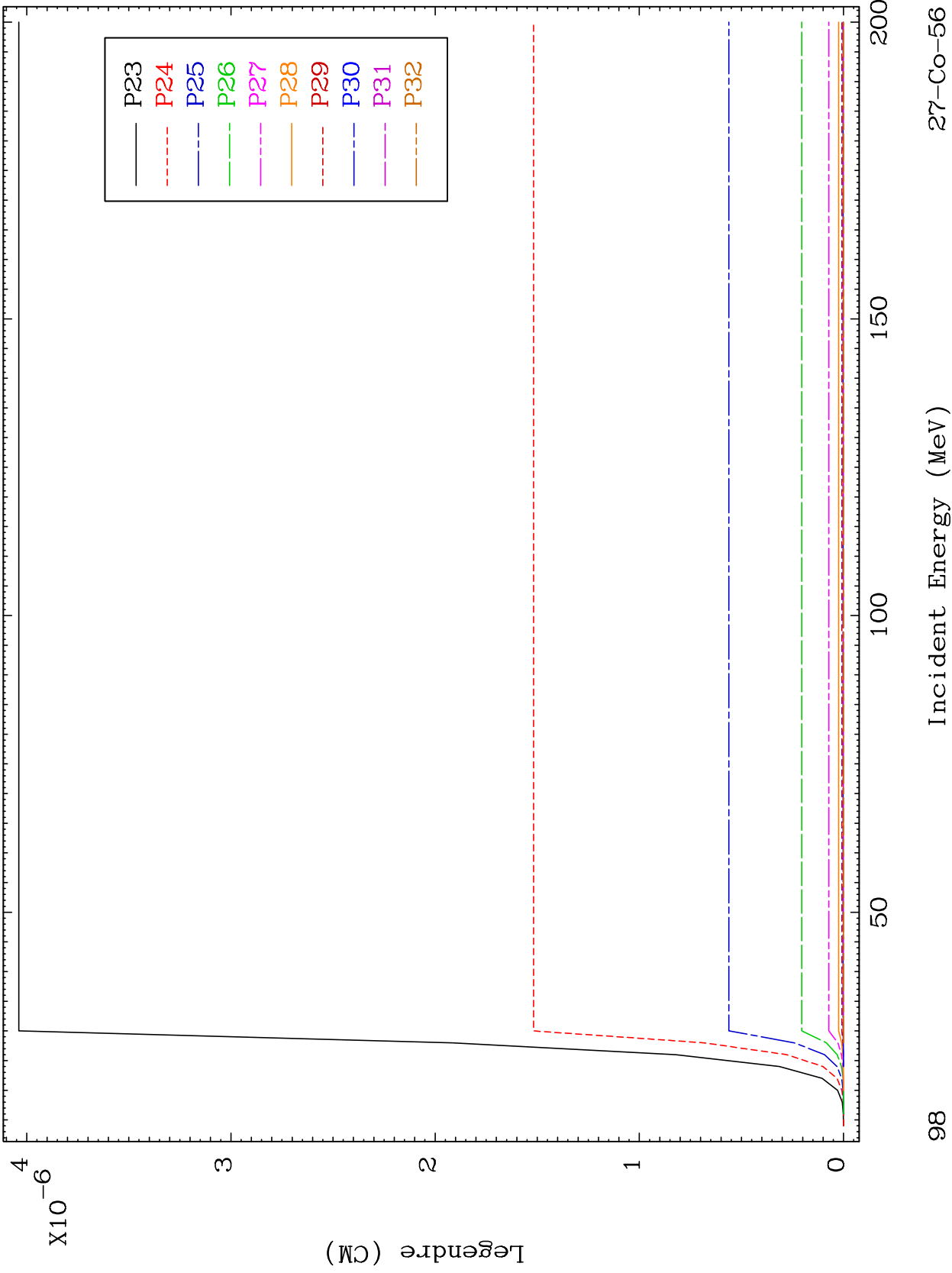




MAT 2716

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

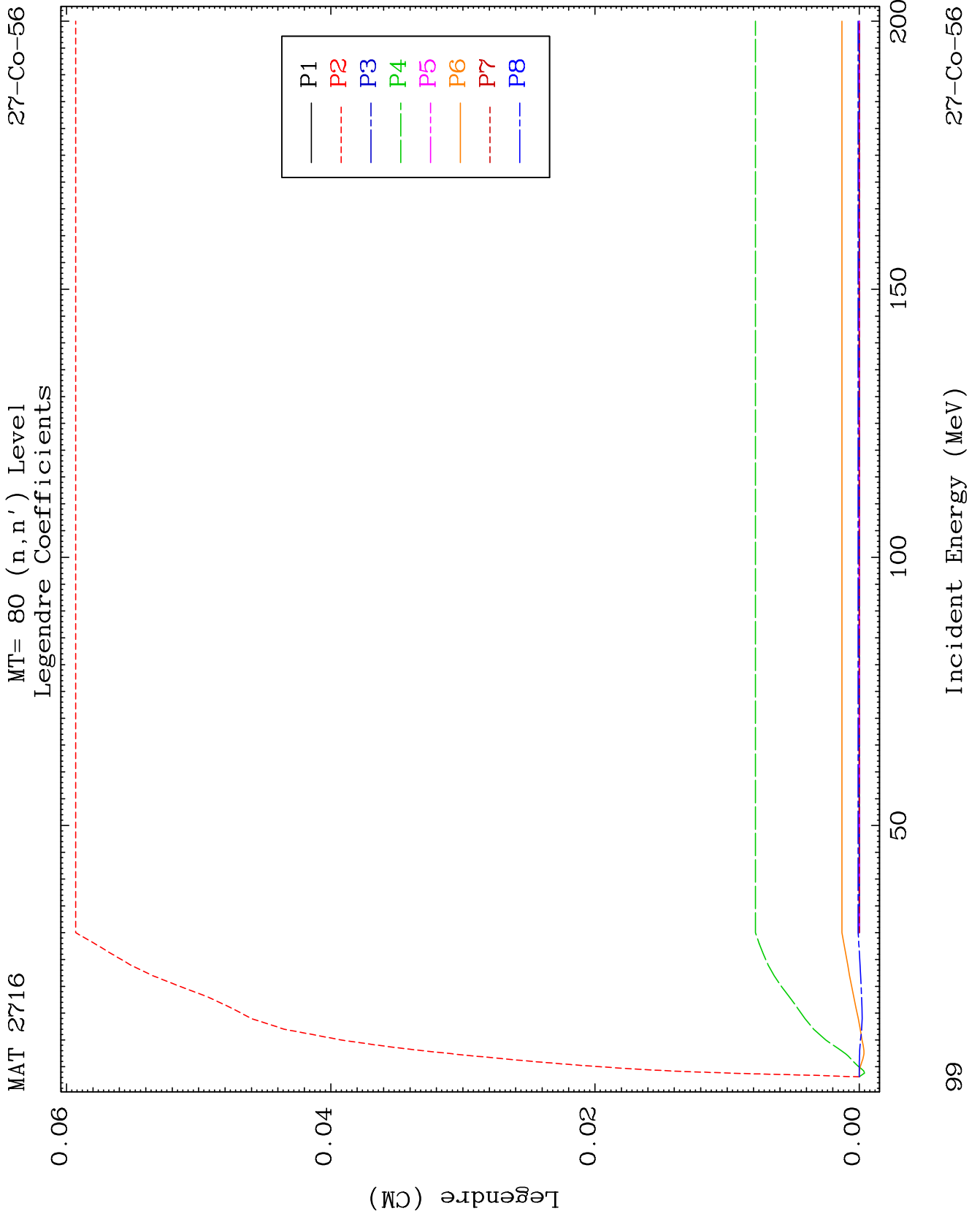
27-Co-56

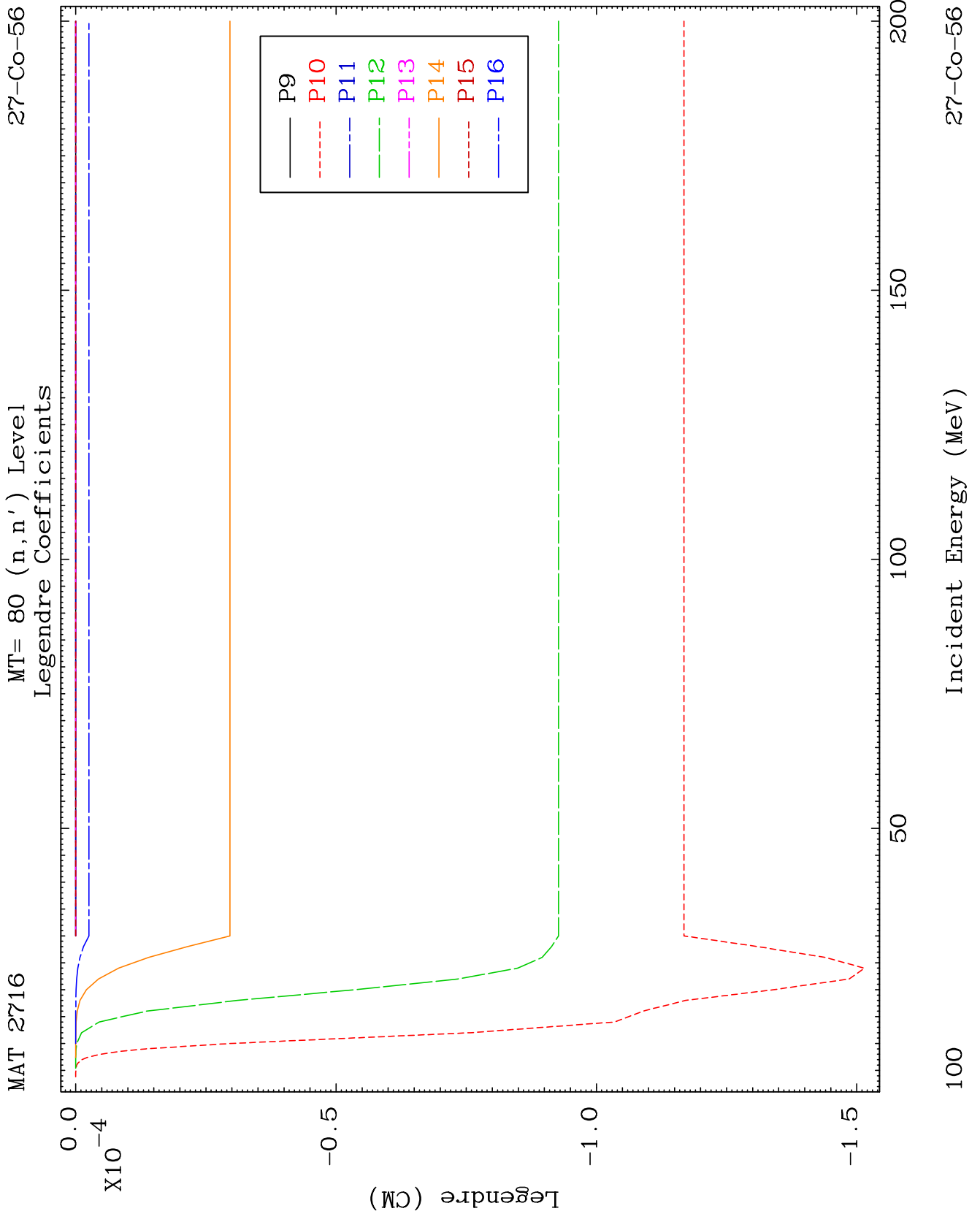


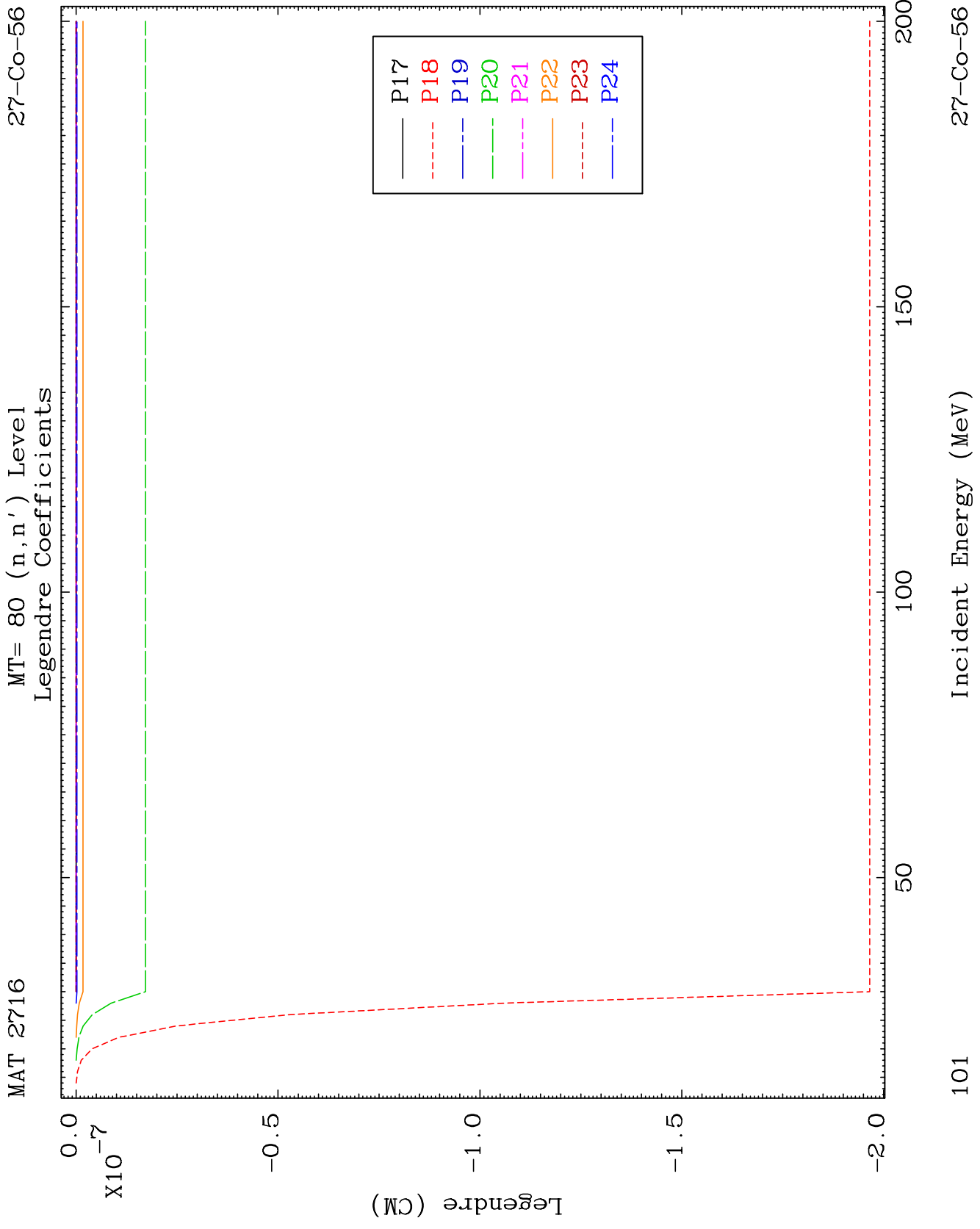
98

Incident Energy (MeV)

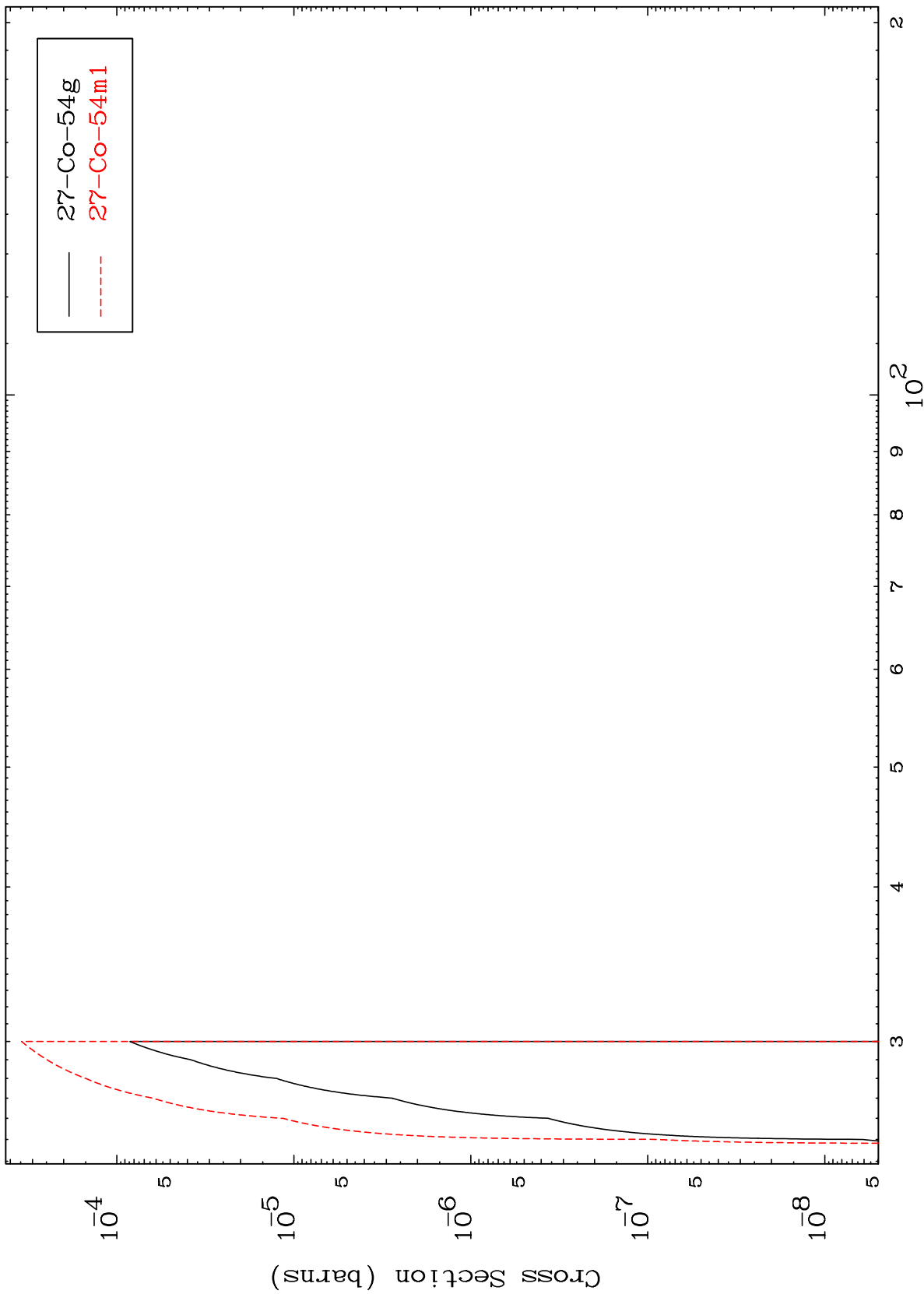
27-Co-56







(n,3n)
Radionuclide Production Cross Section



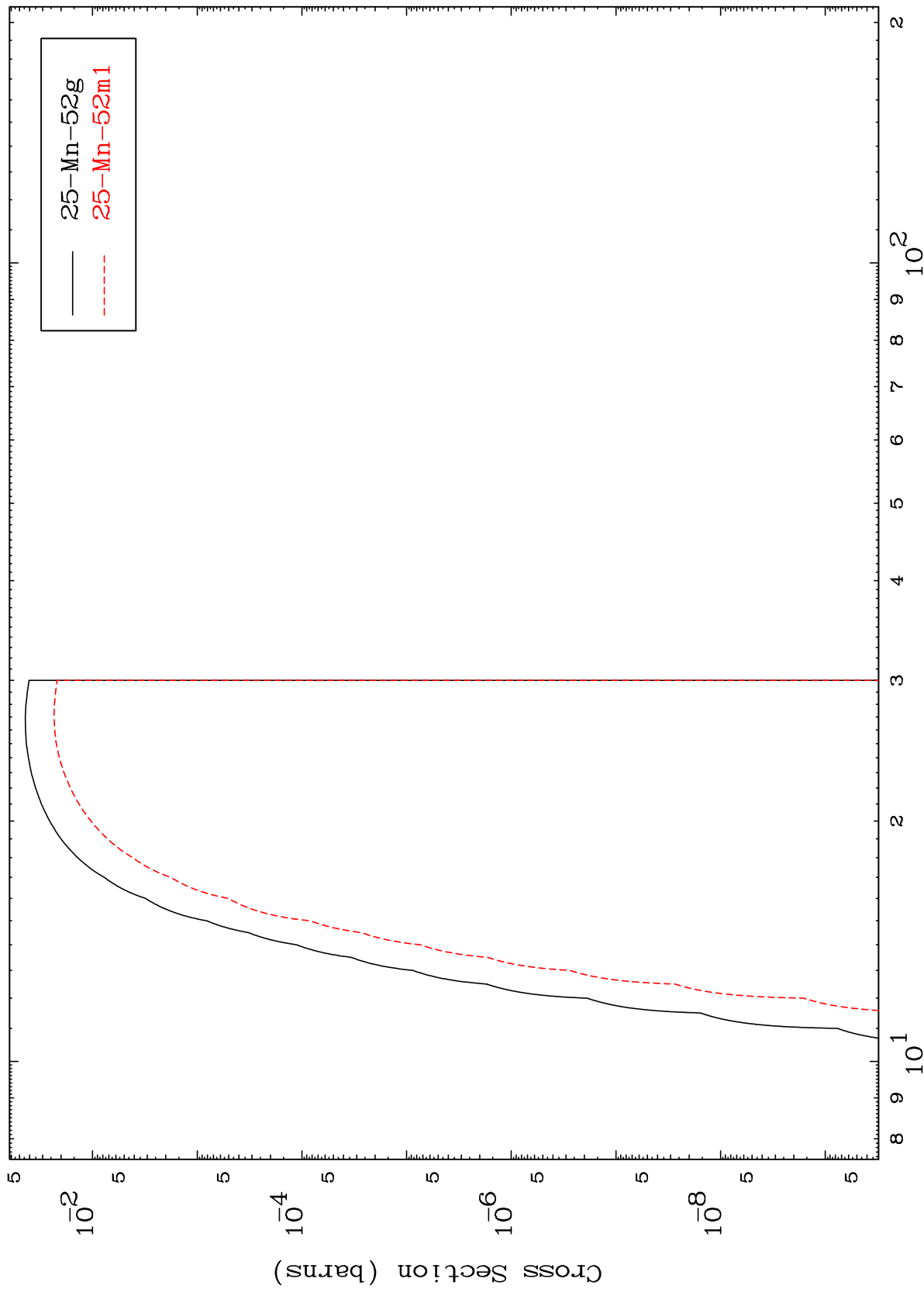
— 27-Co-54g
- - - 27-Co-54m1

MAT 2716

$(n, n') \alpha$

27-Co-56

Radionuclide Production Cross Section



103

Incident Energy (MeV)

27-Co-56