

Program EVALPLOT
(Version 2018-1)

by

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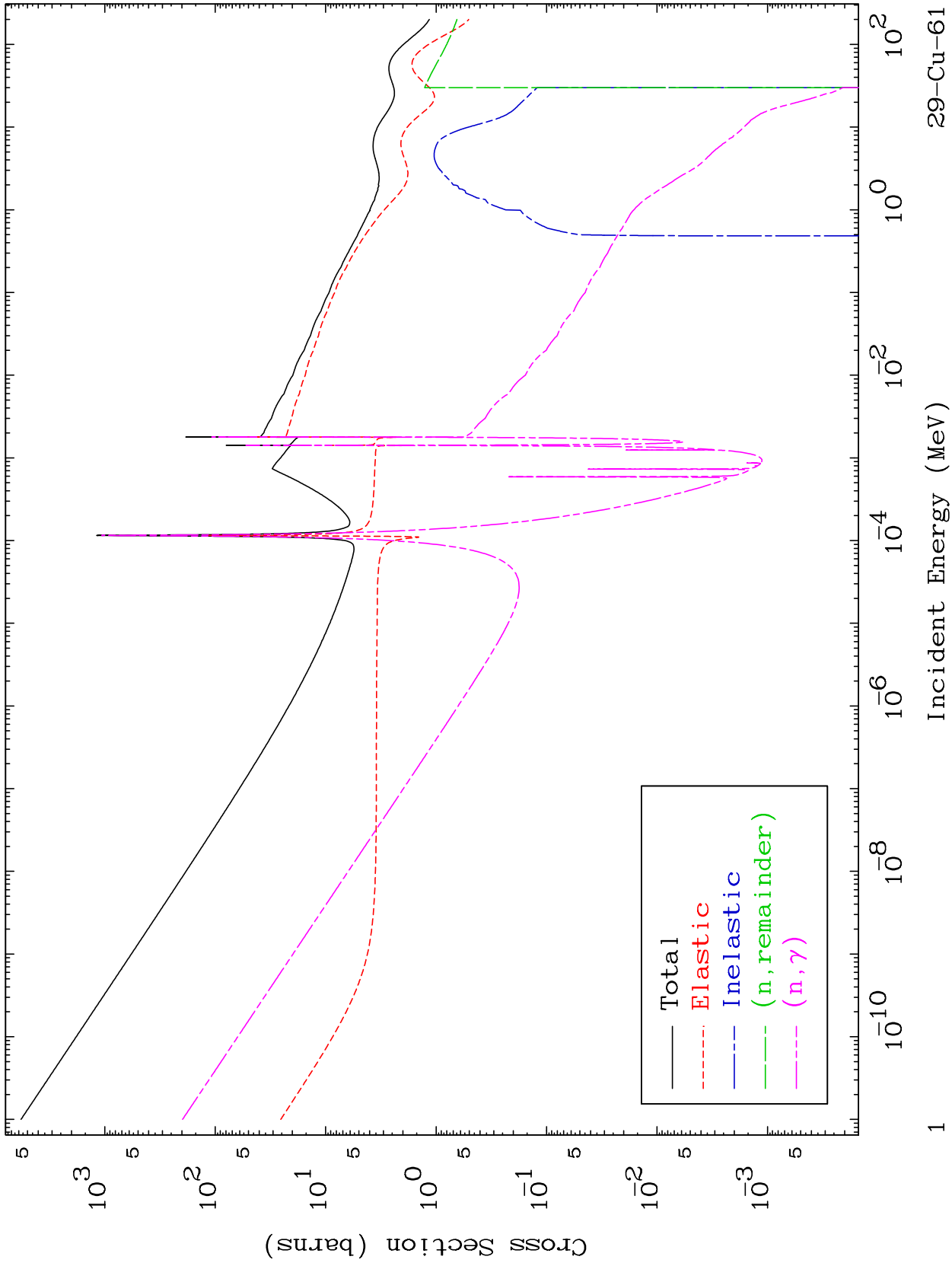
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2919

Major
293 Kelvin Cross Sections

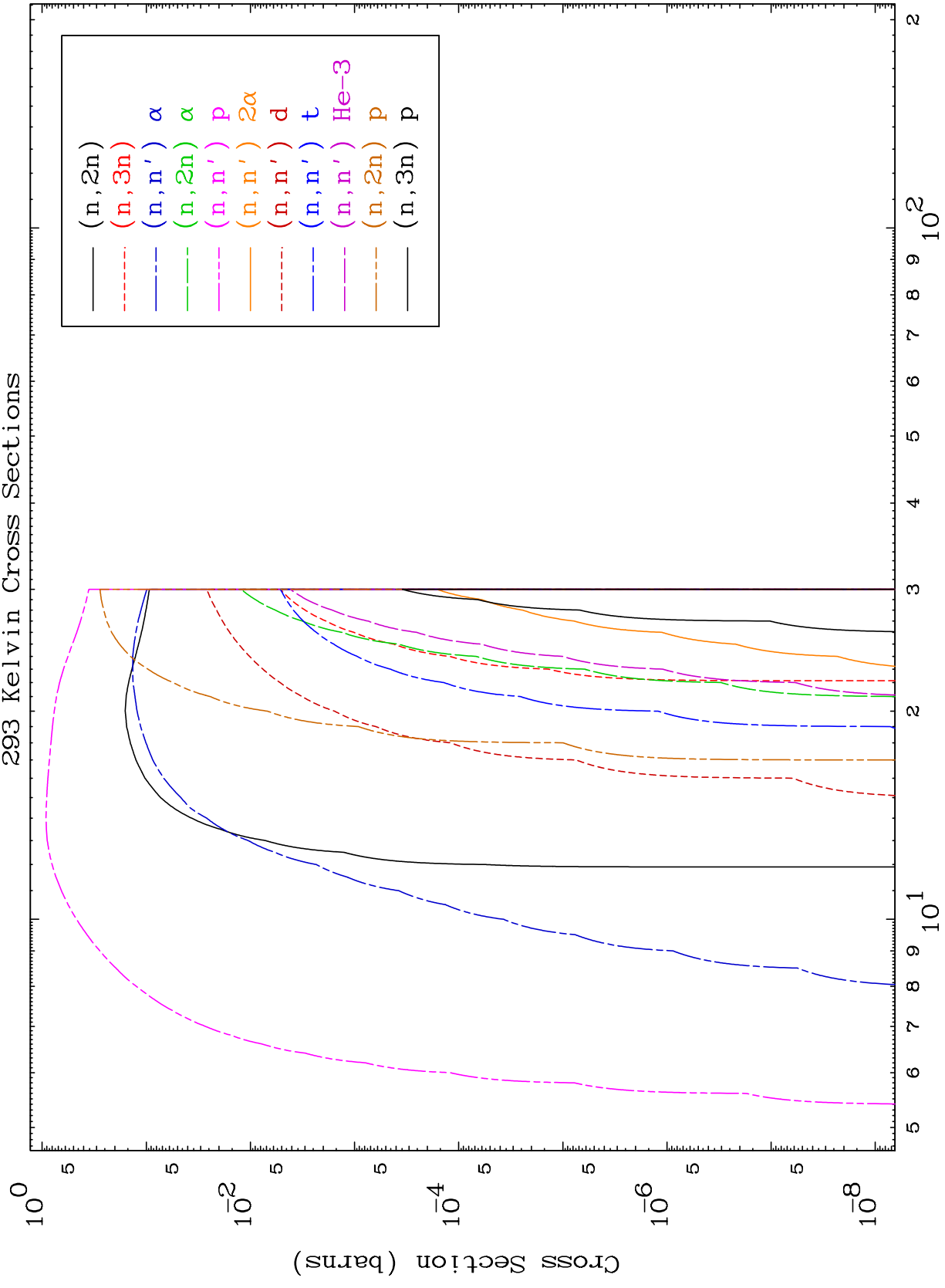
29-Cu-61



MAT 2919

Neutron Production
293 Kelvin Cross Sections

29-Cu-61



2

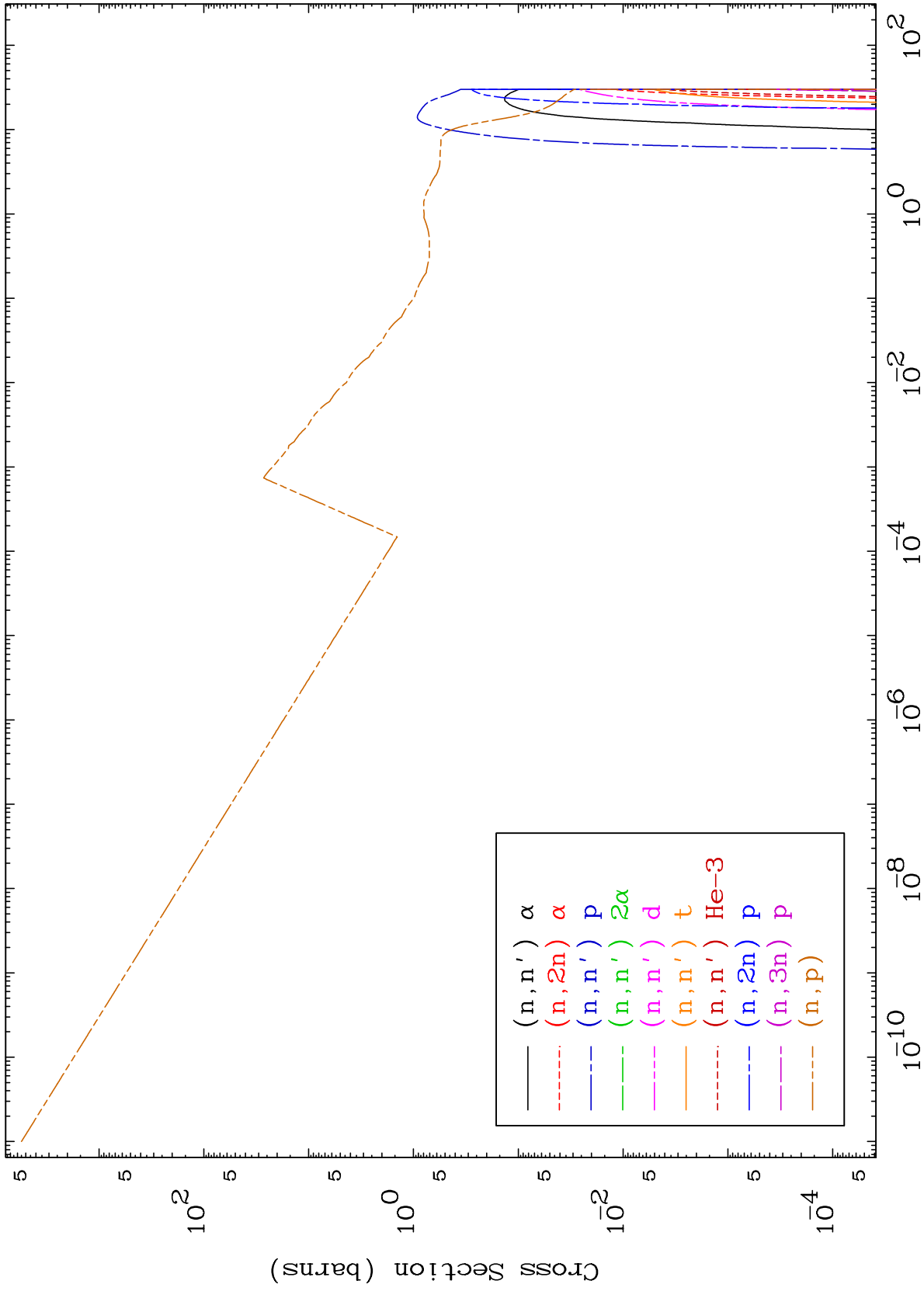
Incident Energy (MeV)

29-Cu-61

MAT 2919

Charged Particle
293 Kelvin Cross Sections

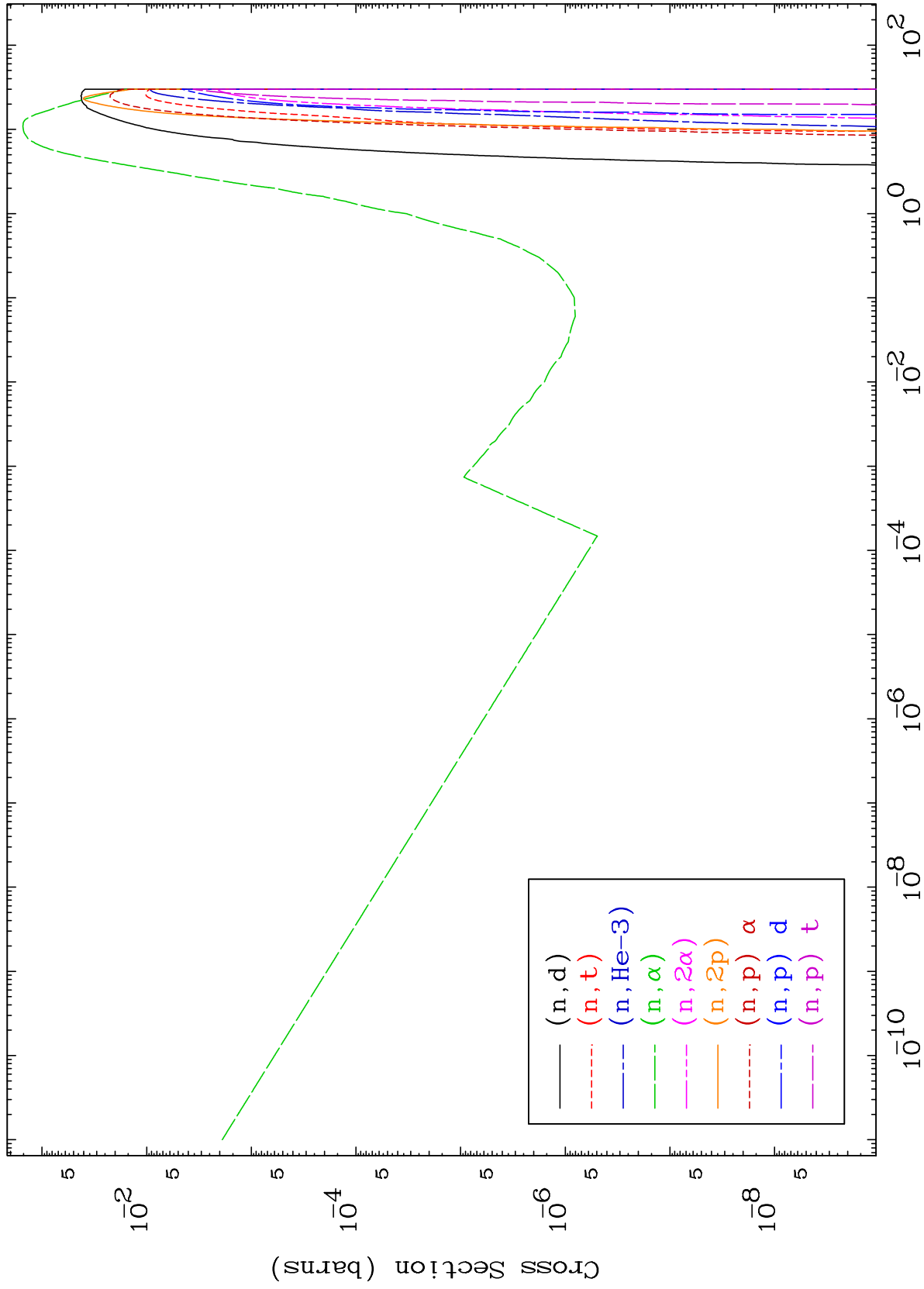
29-Cu-61



MAT 2919

Charged Particle
293 Kelvin Cross Sections

29-Cu-61

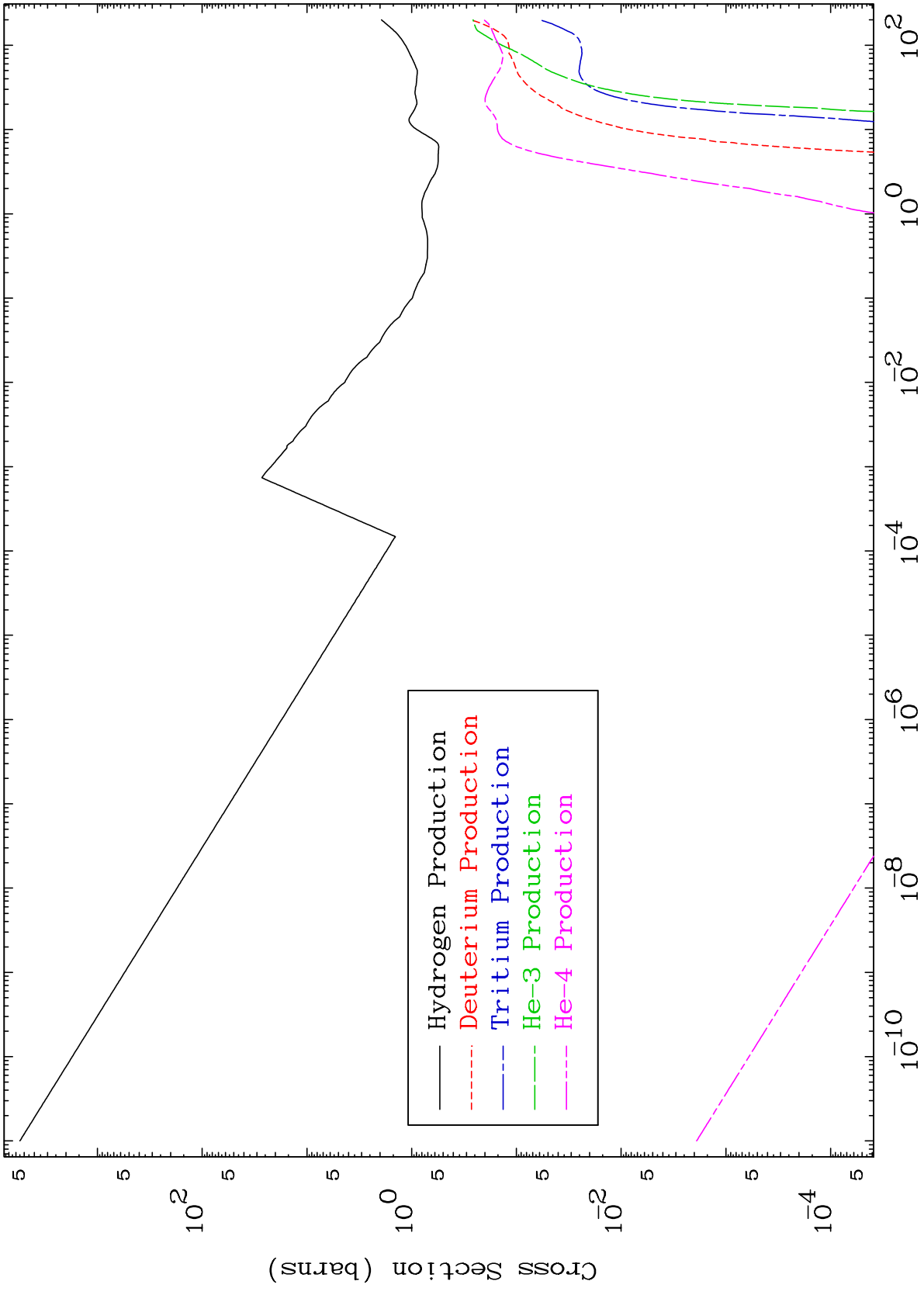


29-Cu-61

MAT 2919

Particle Production
293 Kelvin Cross Sections

29-Cu-61



5

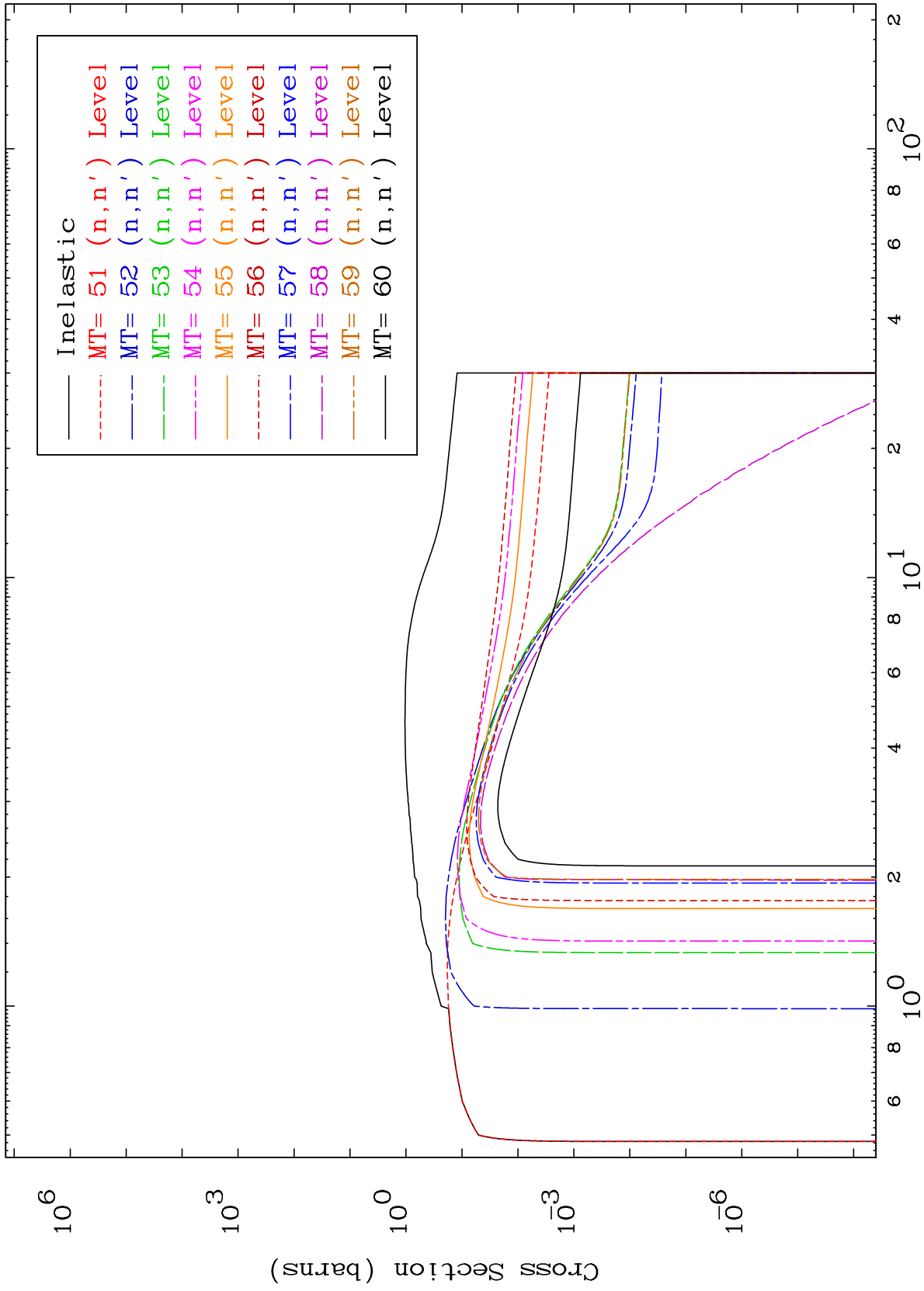
Incident Energy (MeV)

29-Cu-61

MAT 2919

(n,n') Level
293 Kelvin Cross Sections

29-Cu-61



6

Incident Energy (MeV)

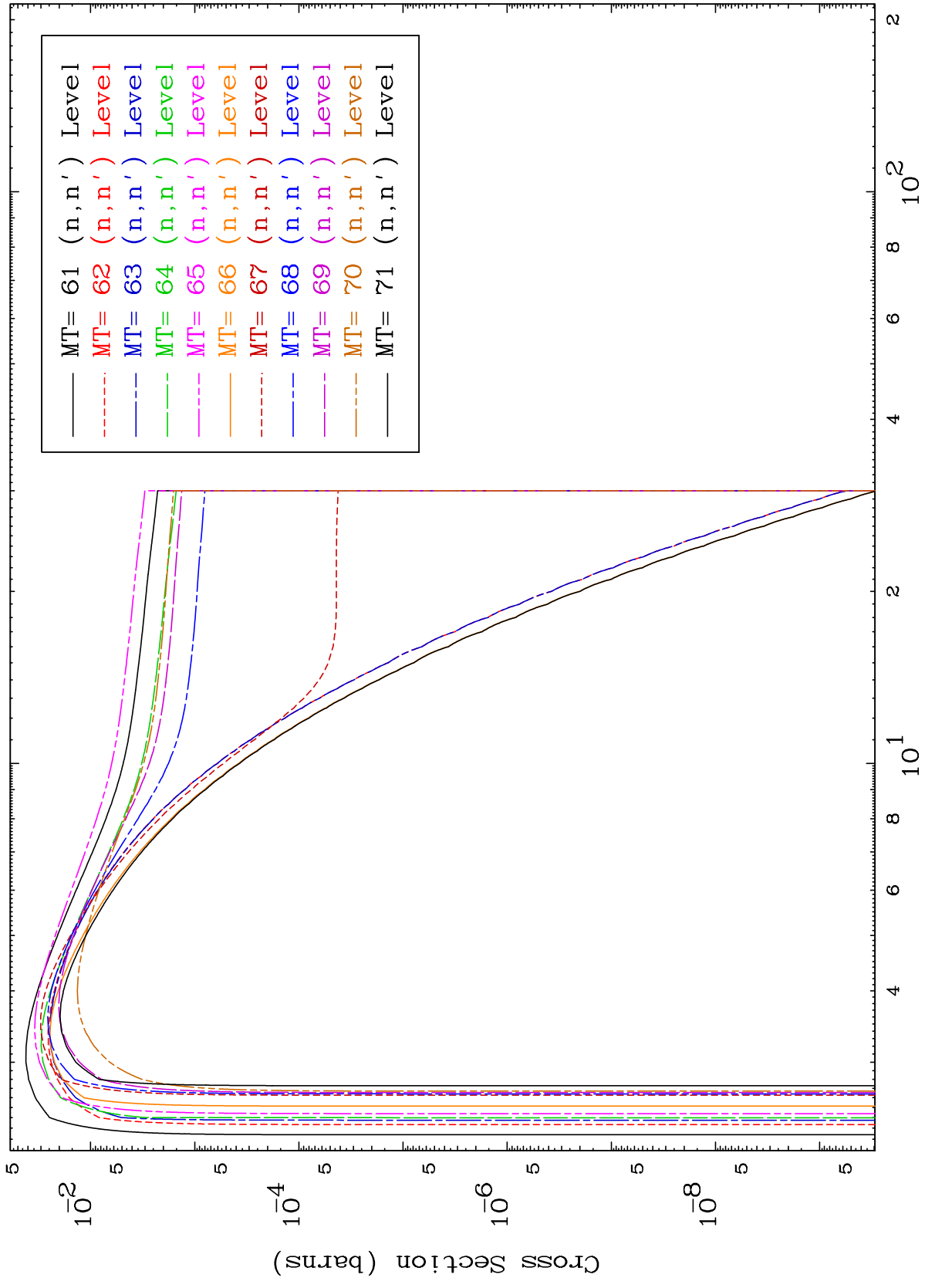
29-Cu-61

MAT 2919

(n,n') Level

29-Cu-61

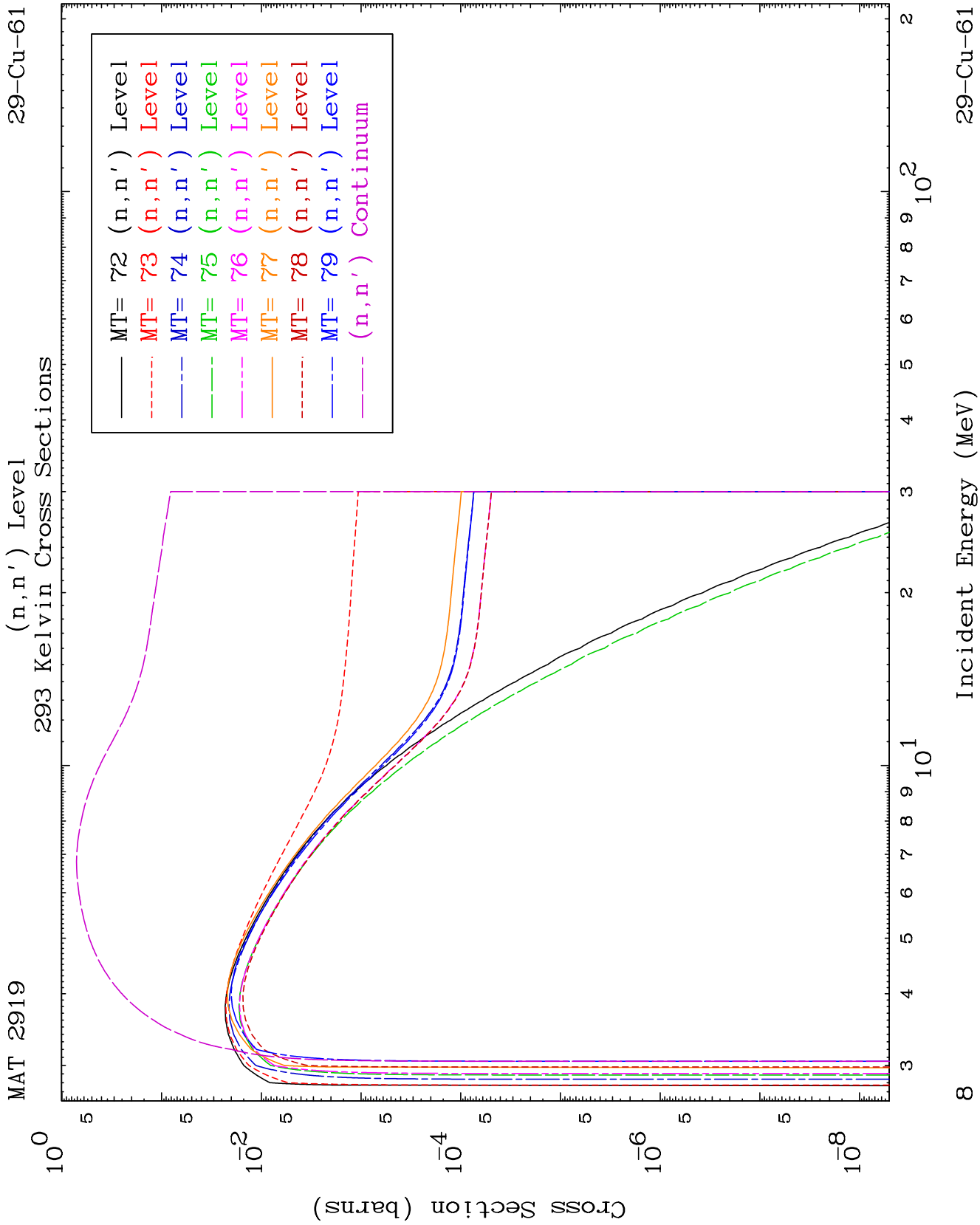
293 Kelvin Cross Sections



7

Incident Energy (MeV)

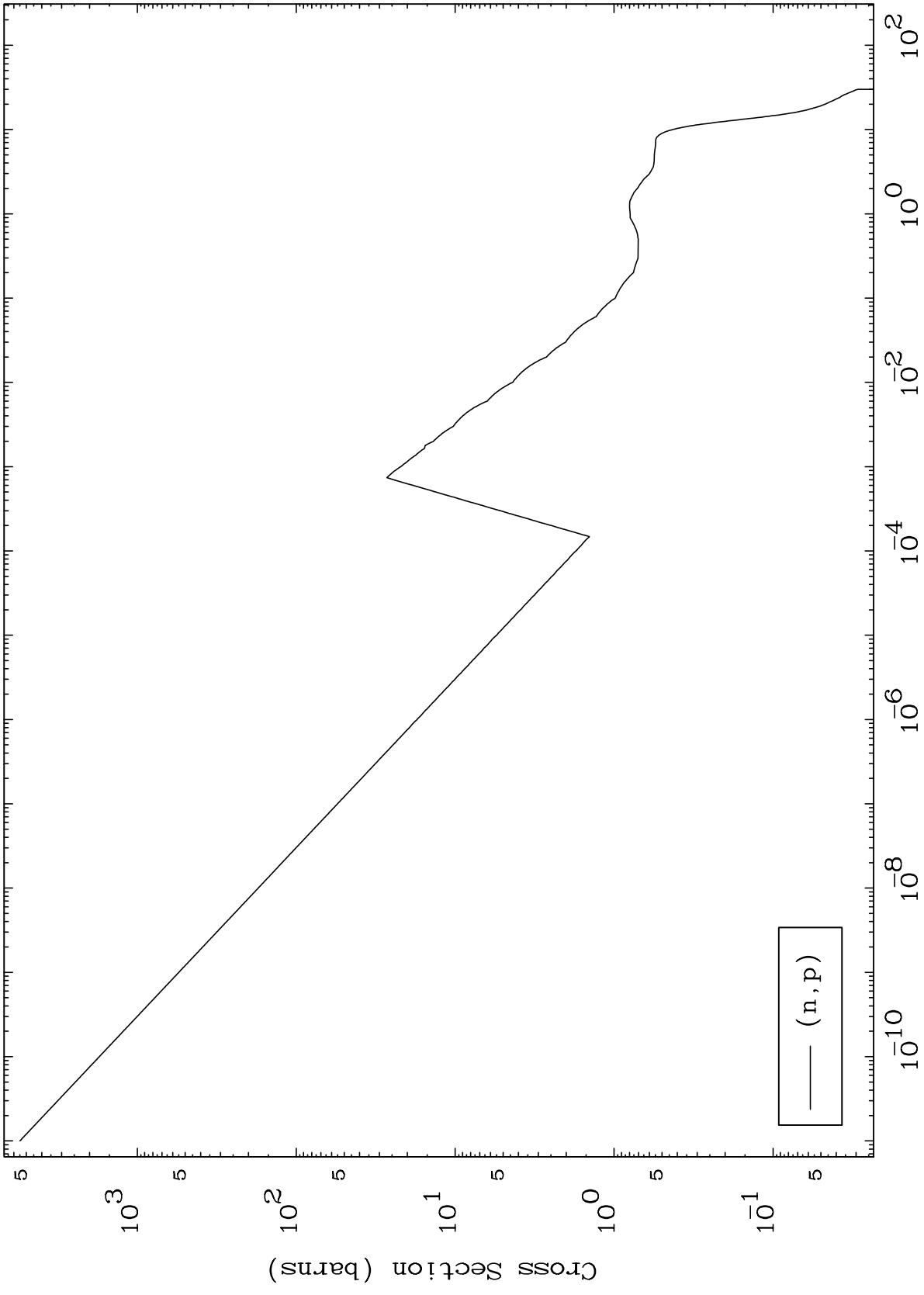
29-Cu-61



MAT 2919

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-61



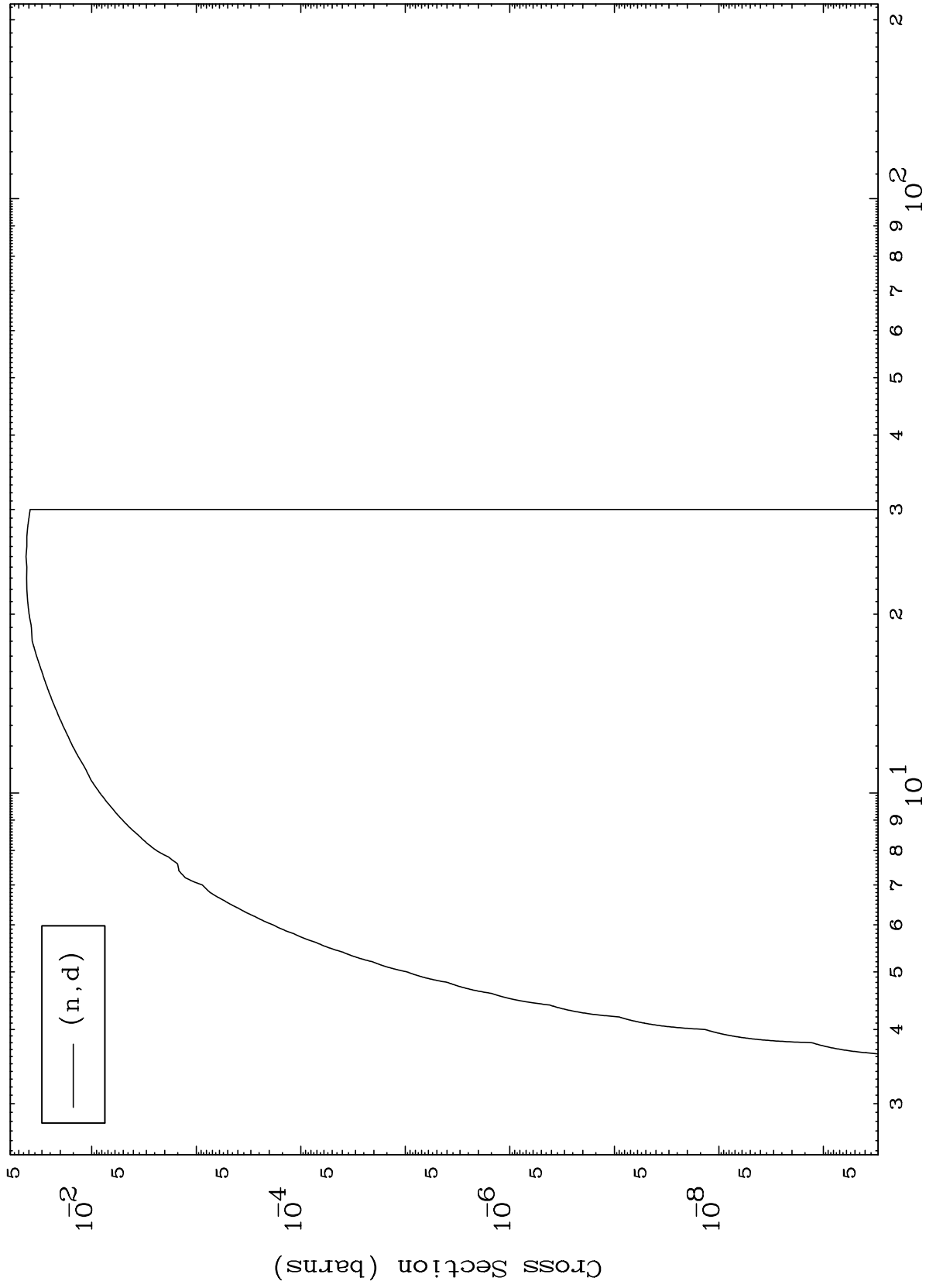
— (n, p)

29-Cu-61

MAT 2919

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-61



10

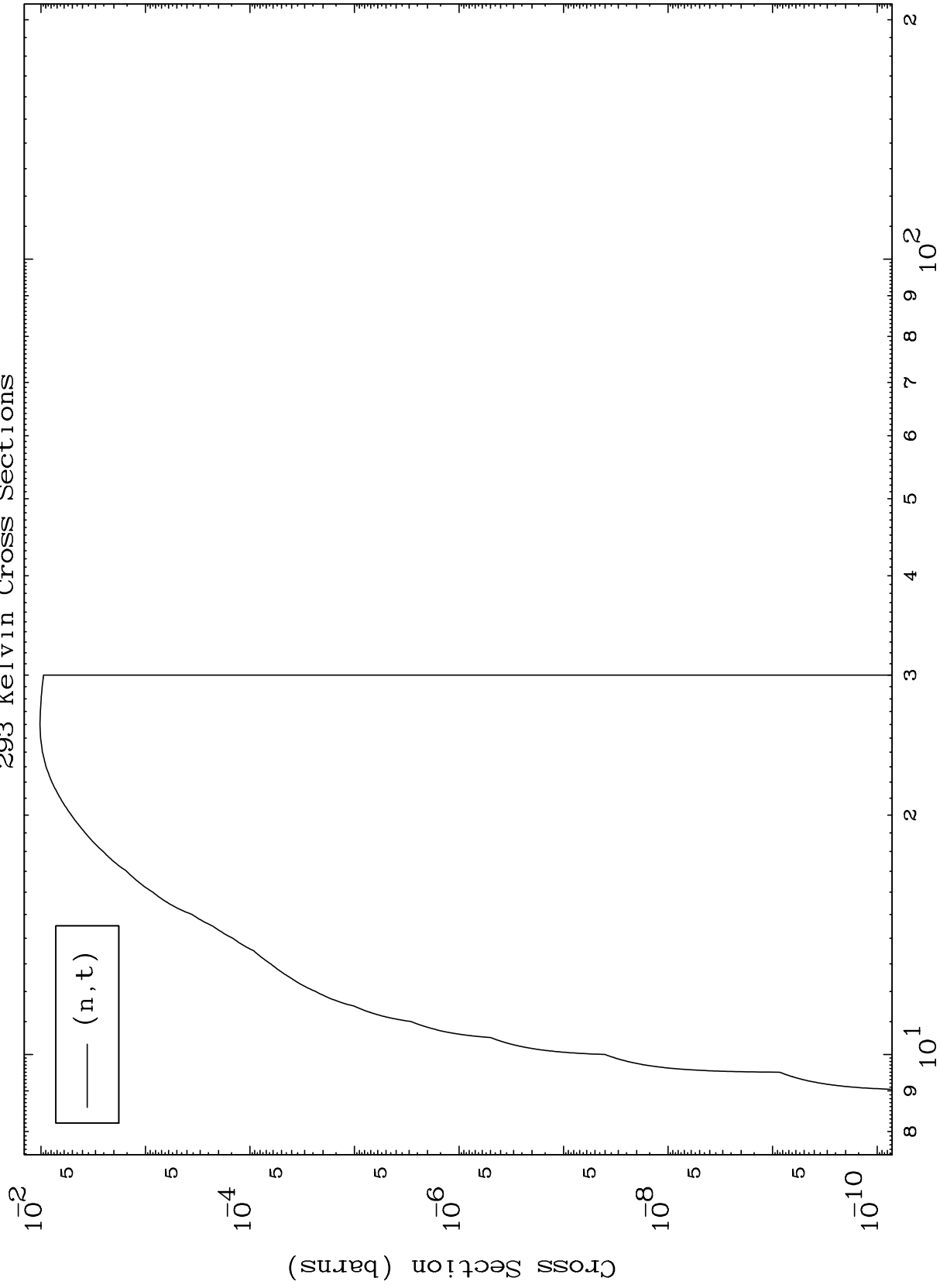
Incident Energy (MeV)

29-Cu-61

MAT 2919

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-61



11

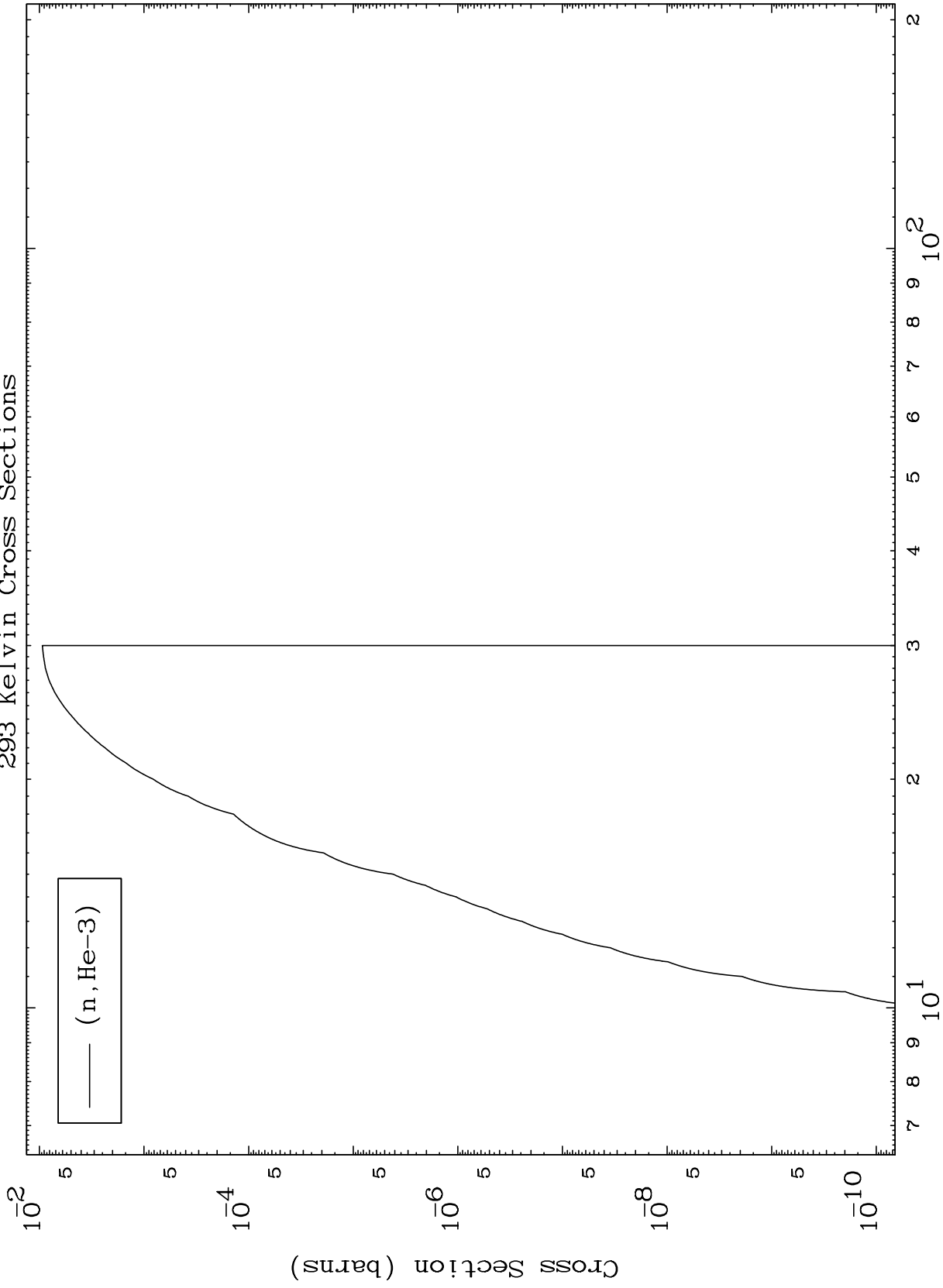
Incident Energy (MeV)

29-Cu-61

MAT 2919

29-Cu-61

(n,He3) Levels
293 Kelvin Cross Sections



12

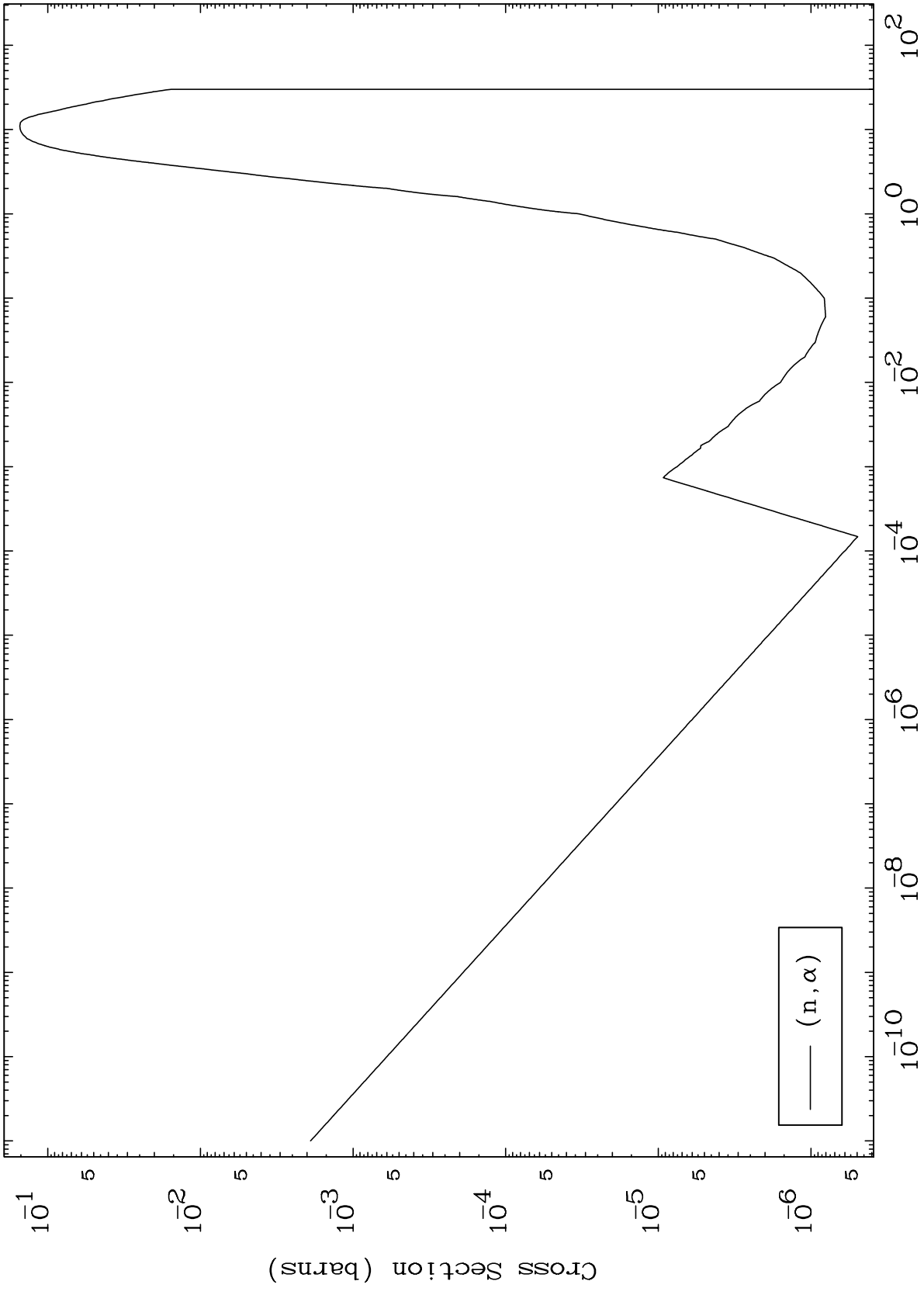
Incident Energy (MeV)

29-Cu-61

MAT 2919

(n, α) Levels
293 Kelvin Cross Sections

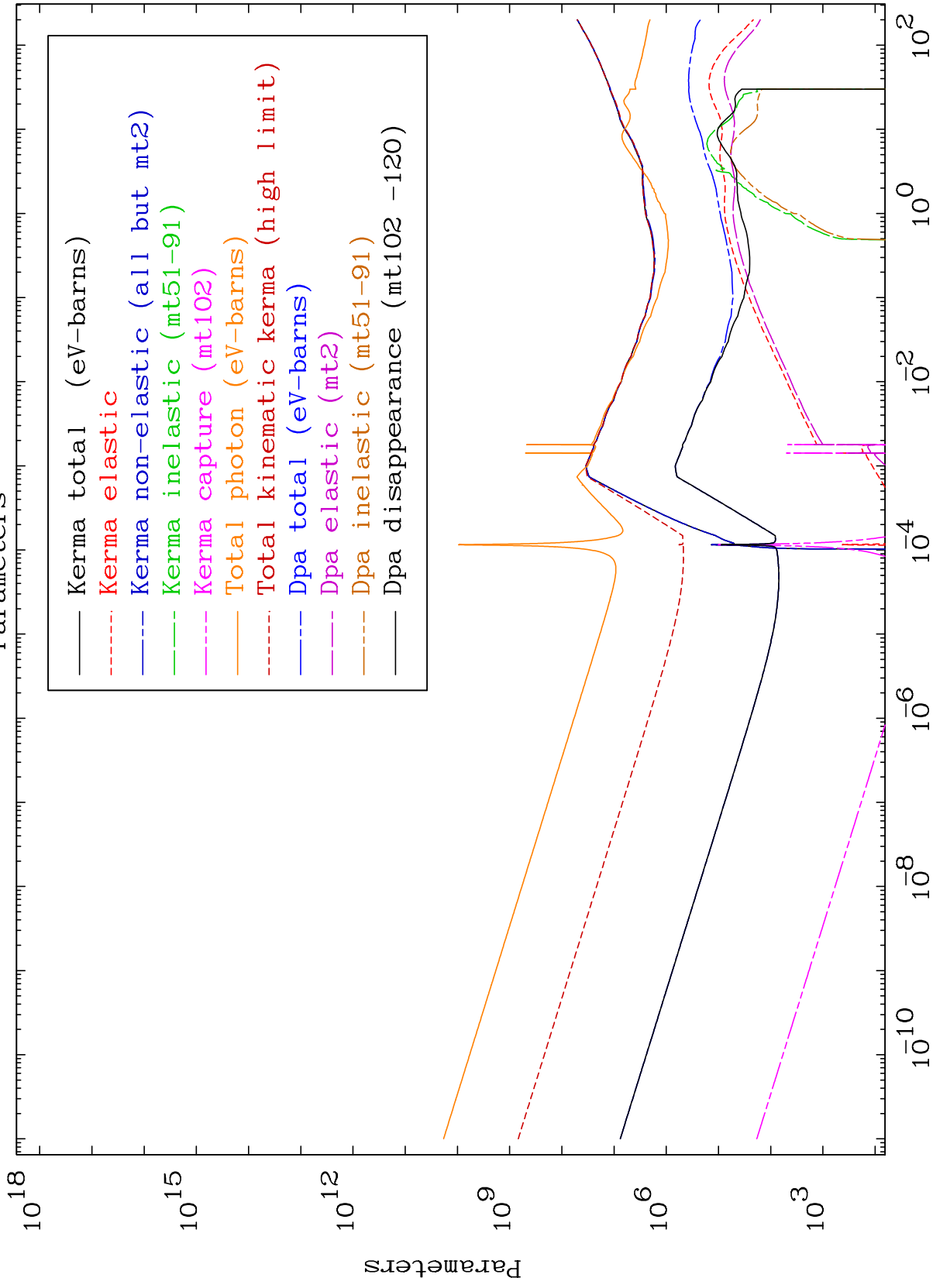
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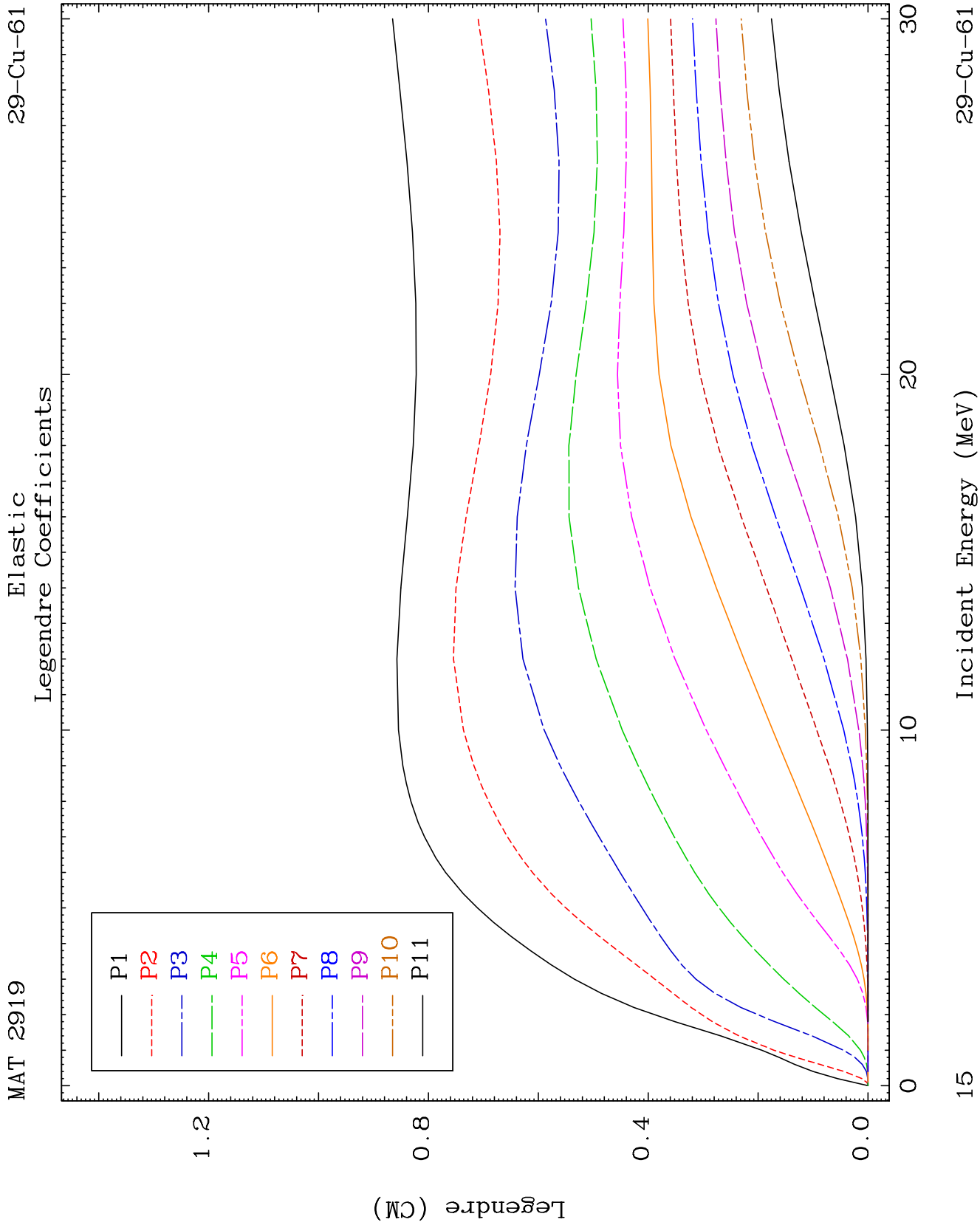


13

Incident Energy (MeV)

29-Cu-61

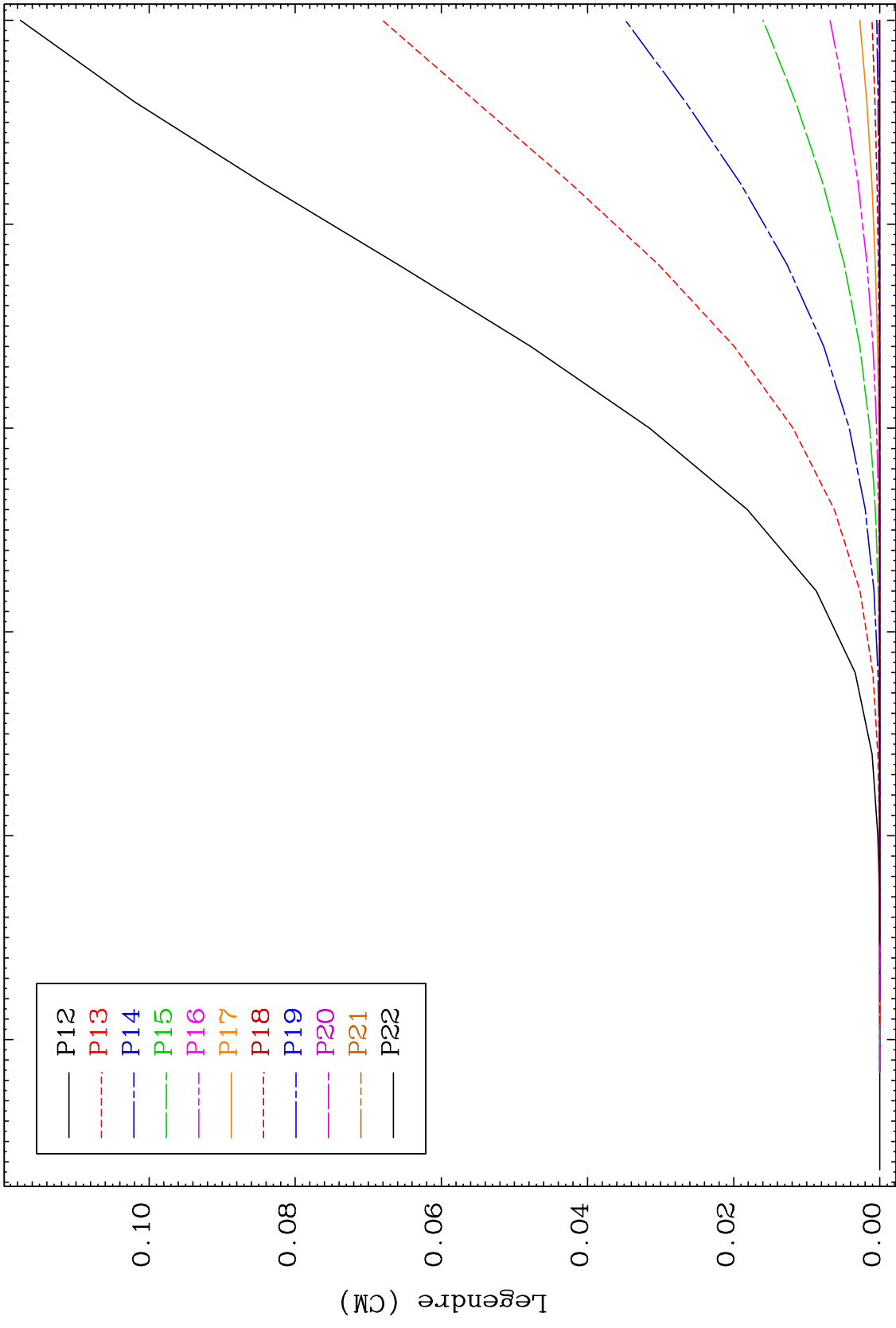




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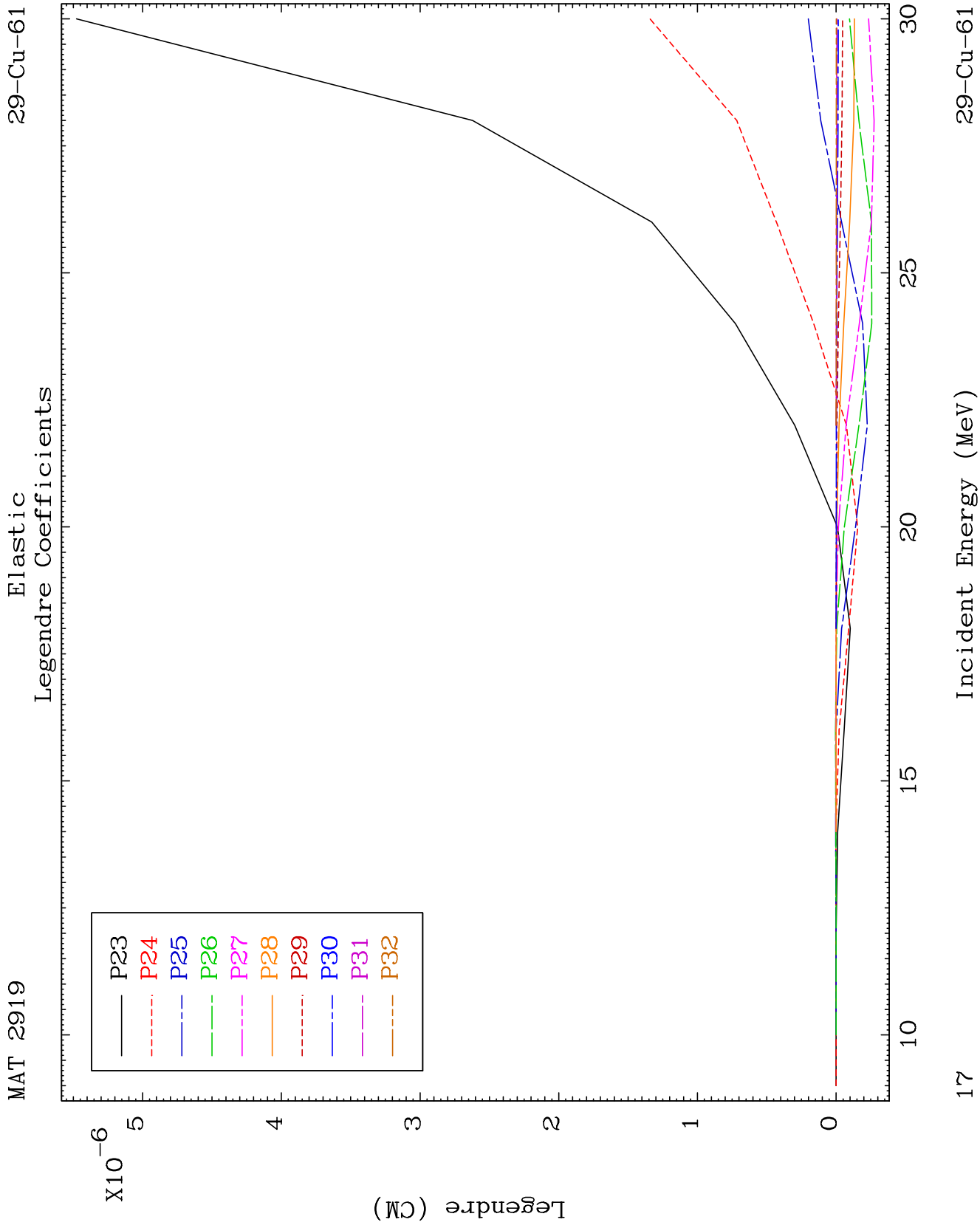
Elastic Legendre Coefficients

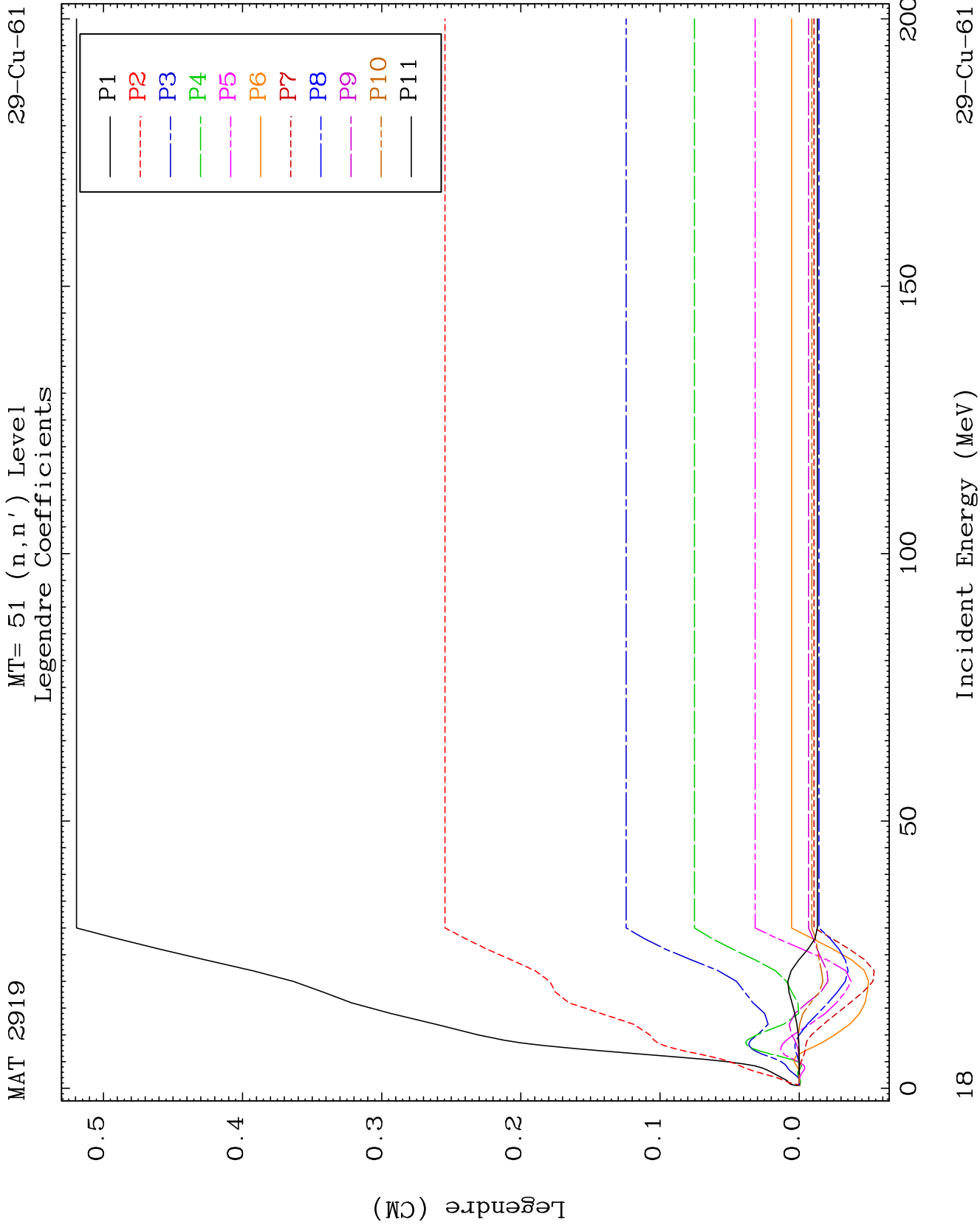
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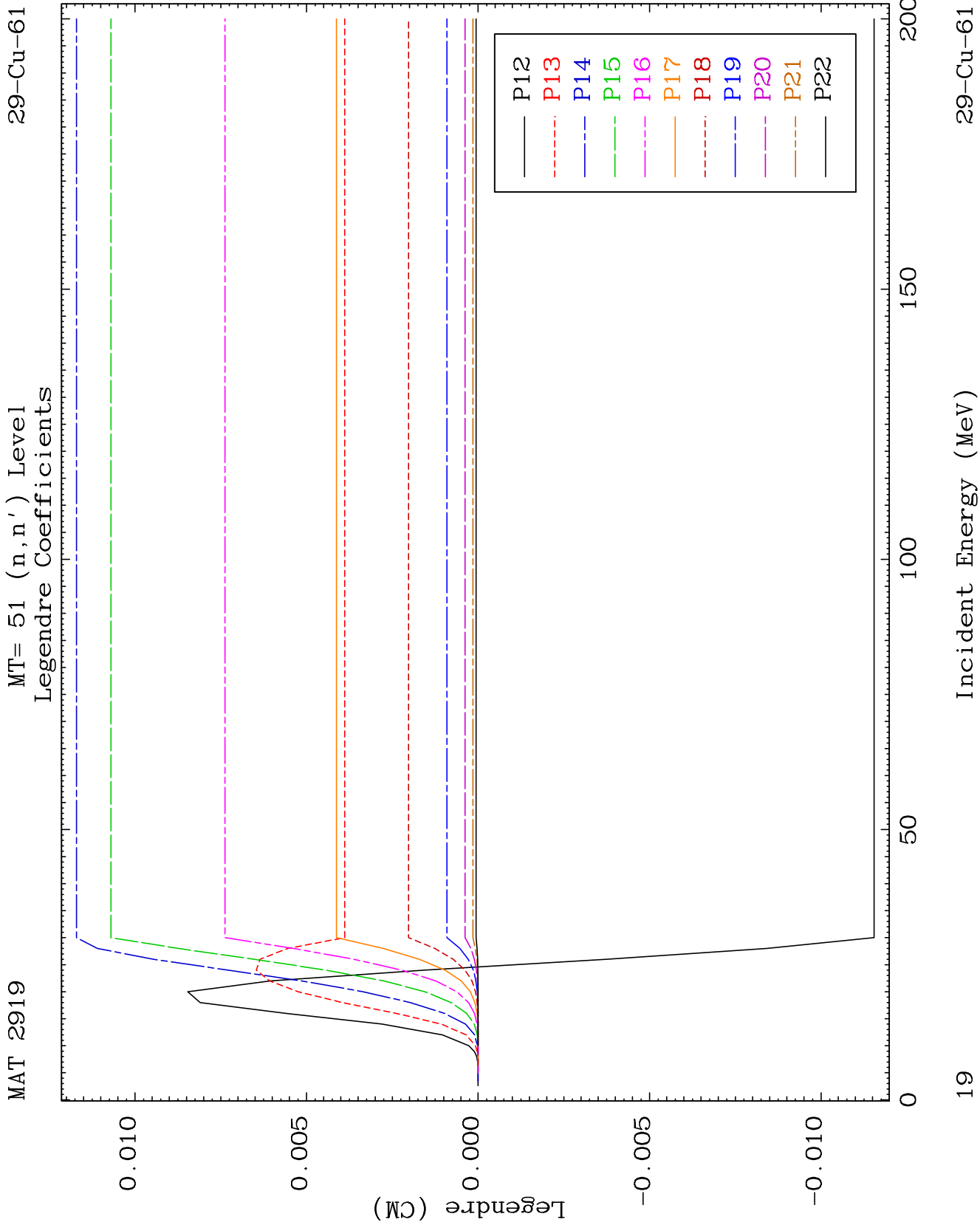


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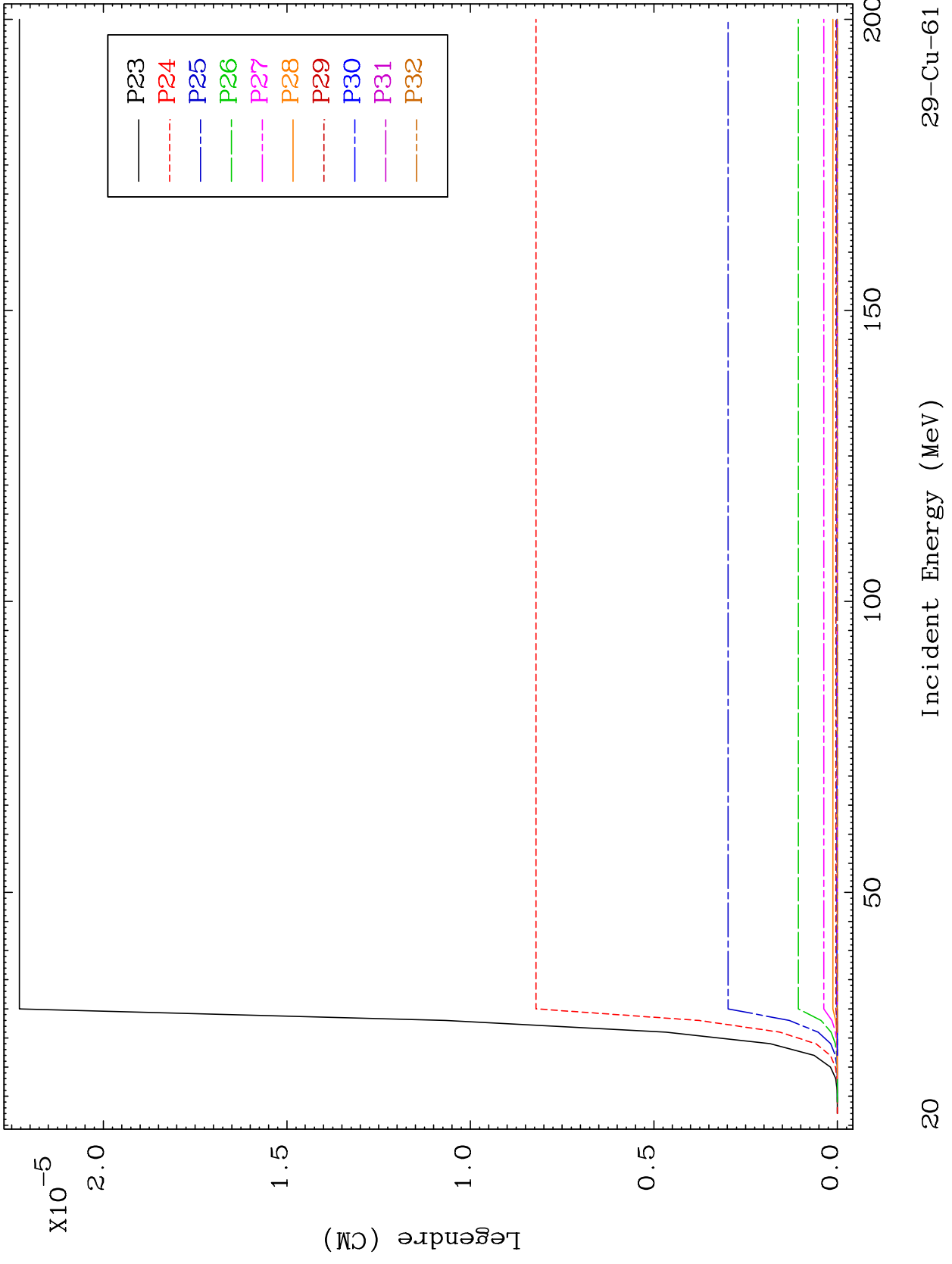
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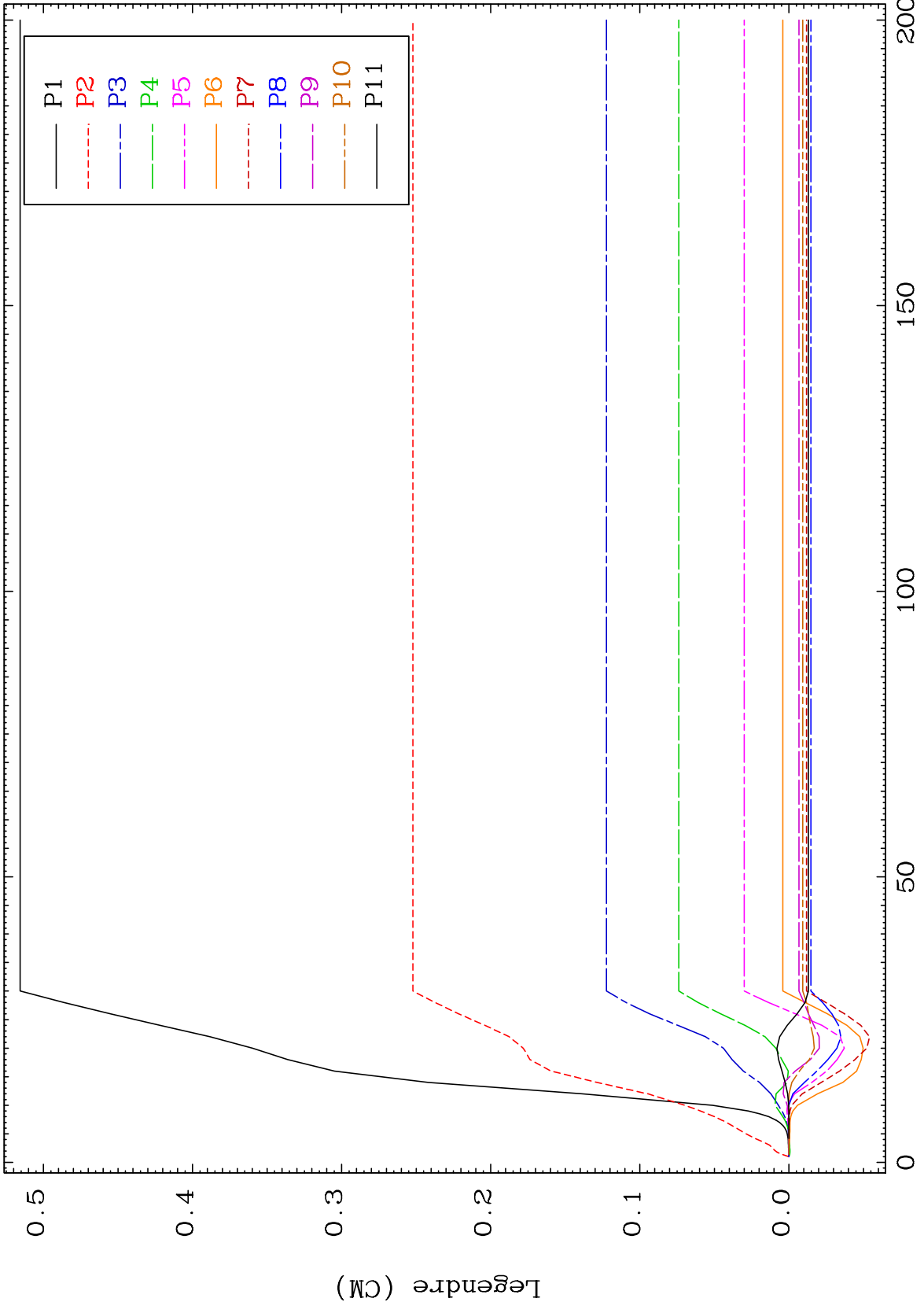




MAT 2919 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-61

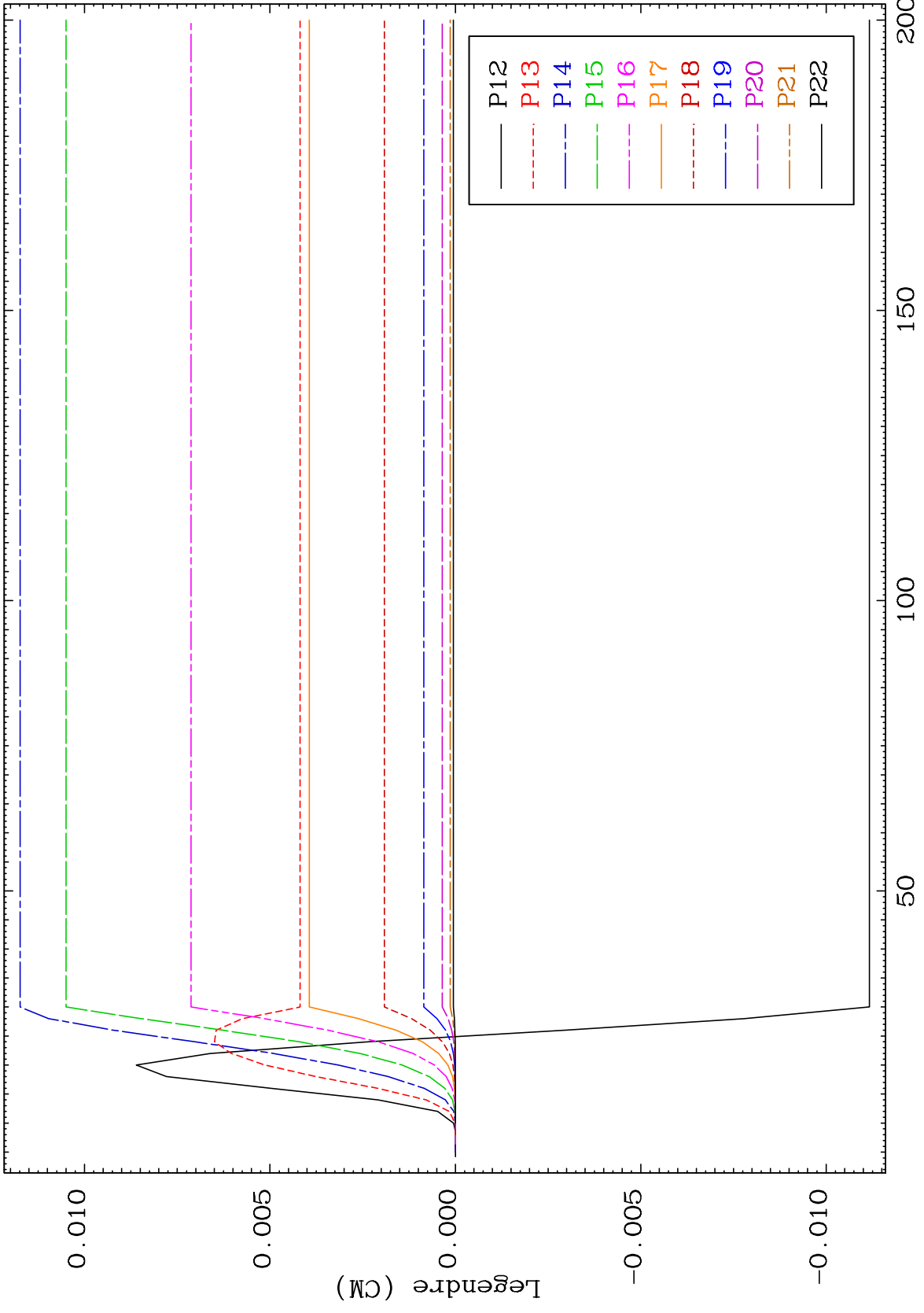


MAT 2919 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-61



21 29-Cu-61

MAT 2919 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-61

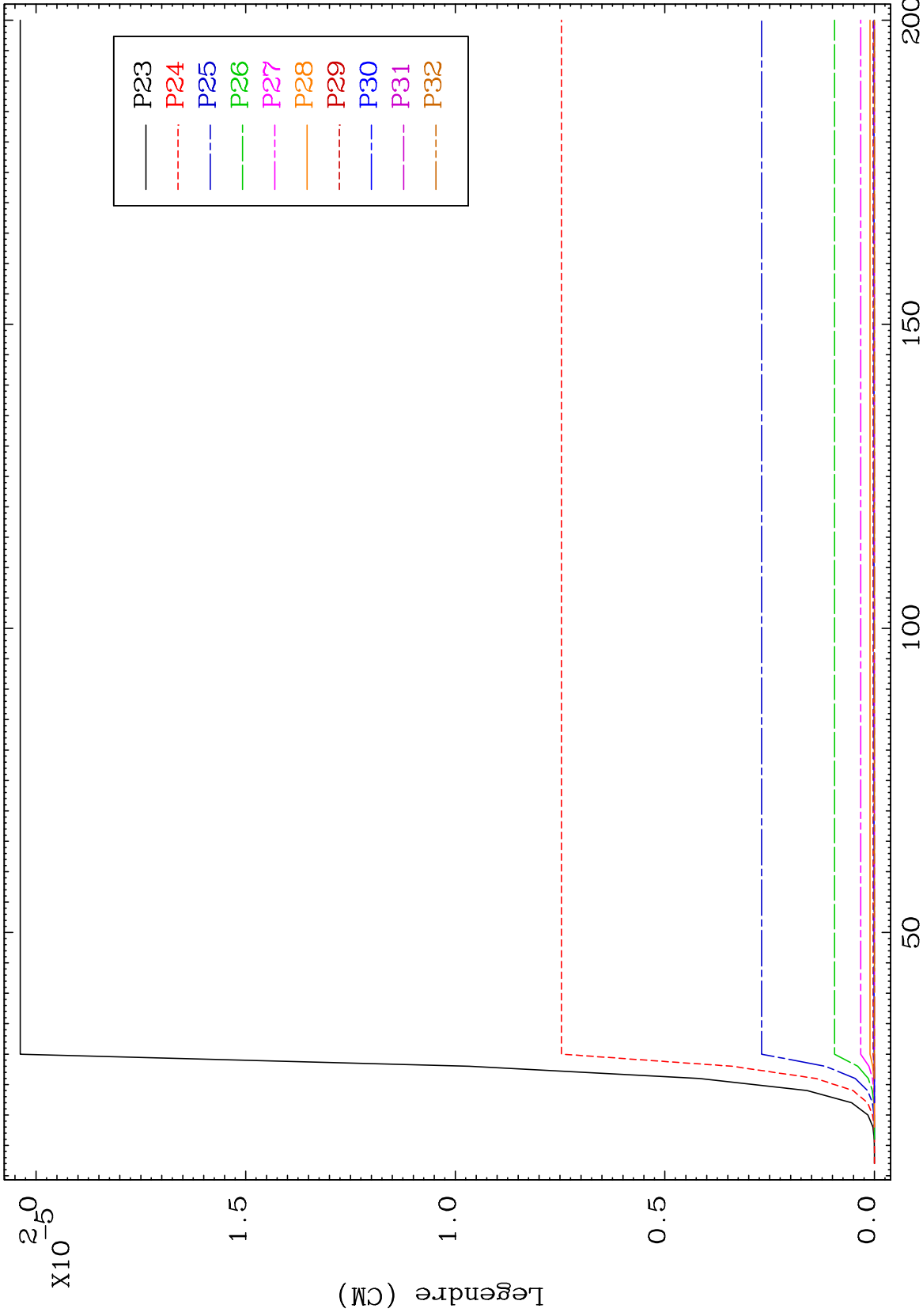


22 Incident Energy (MeV) 29-Cu-61

MAT 2919

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

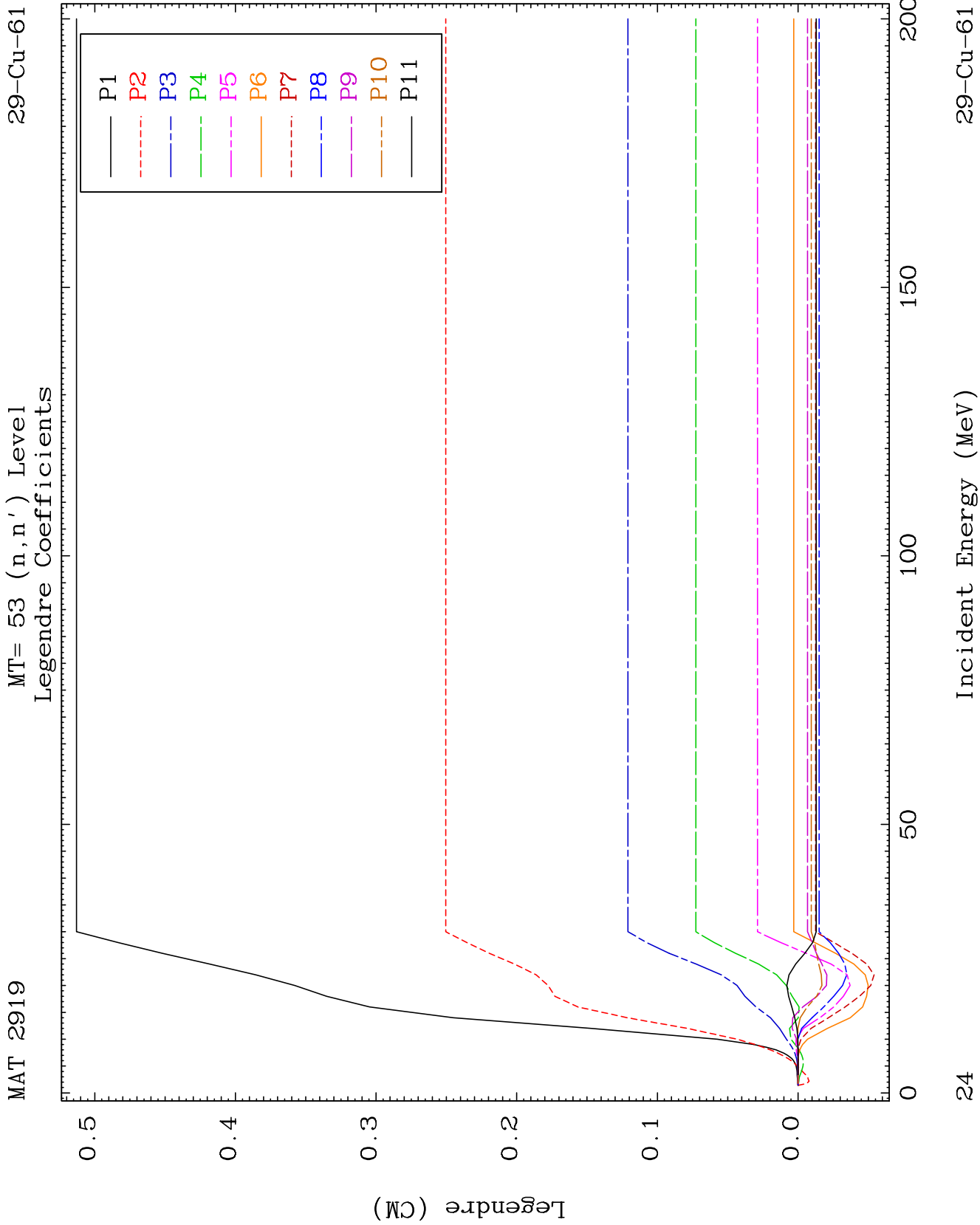
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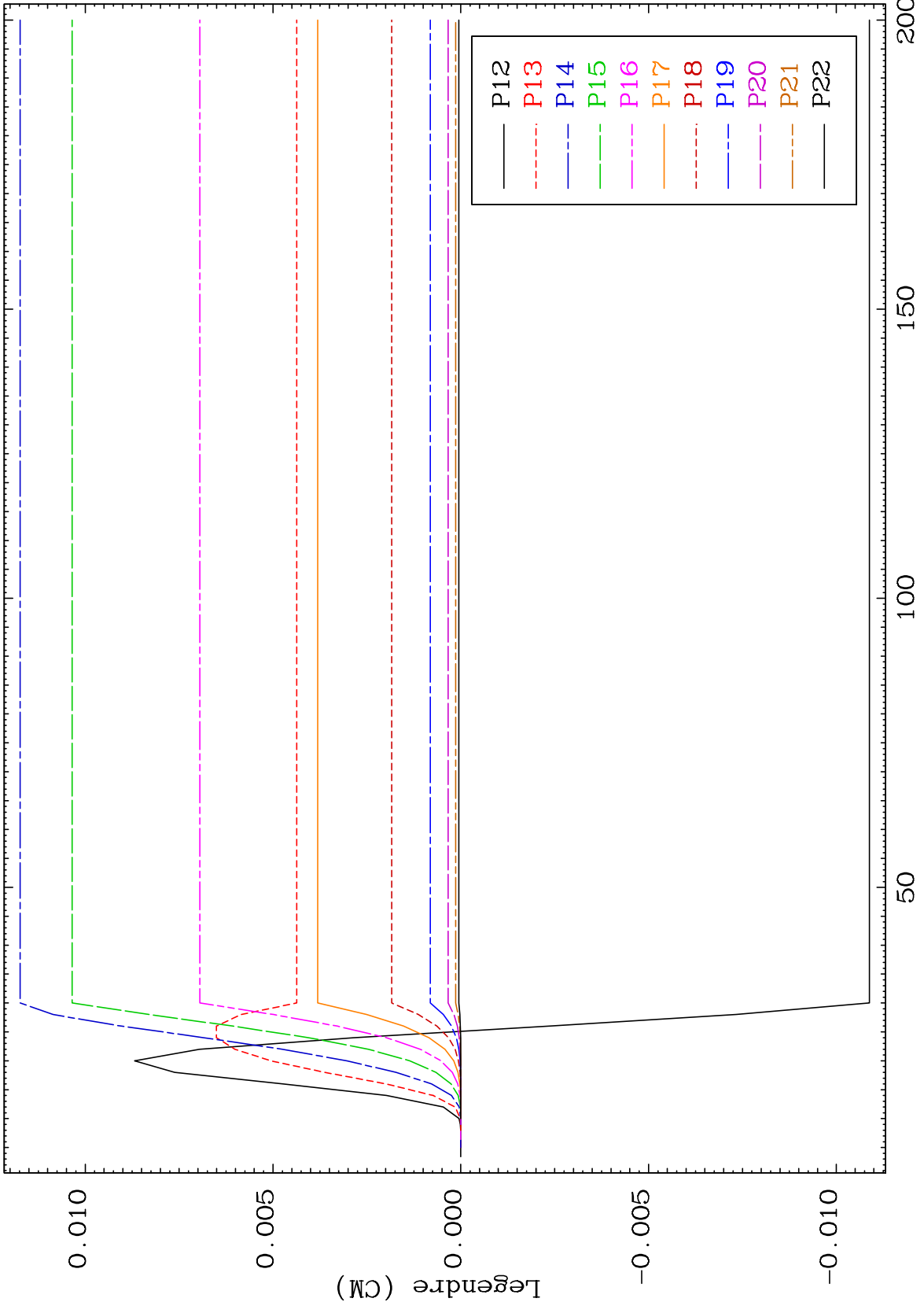
23

Incident Energy (MeV)

29-Cu-61



MAT 2919 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-61

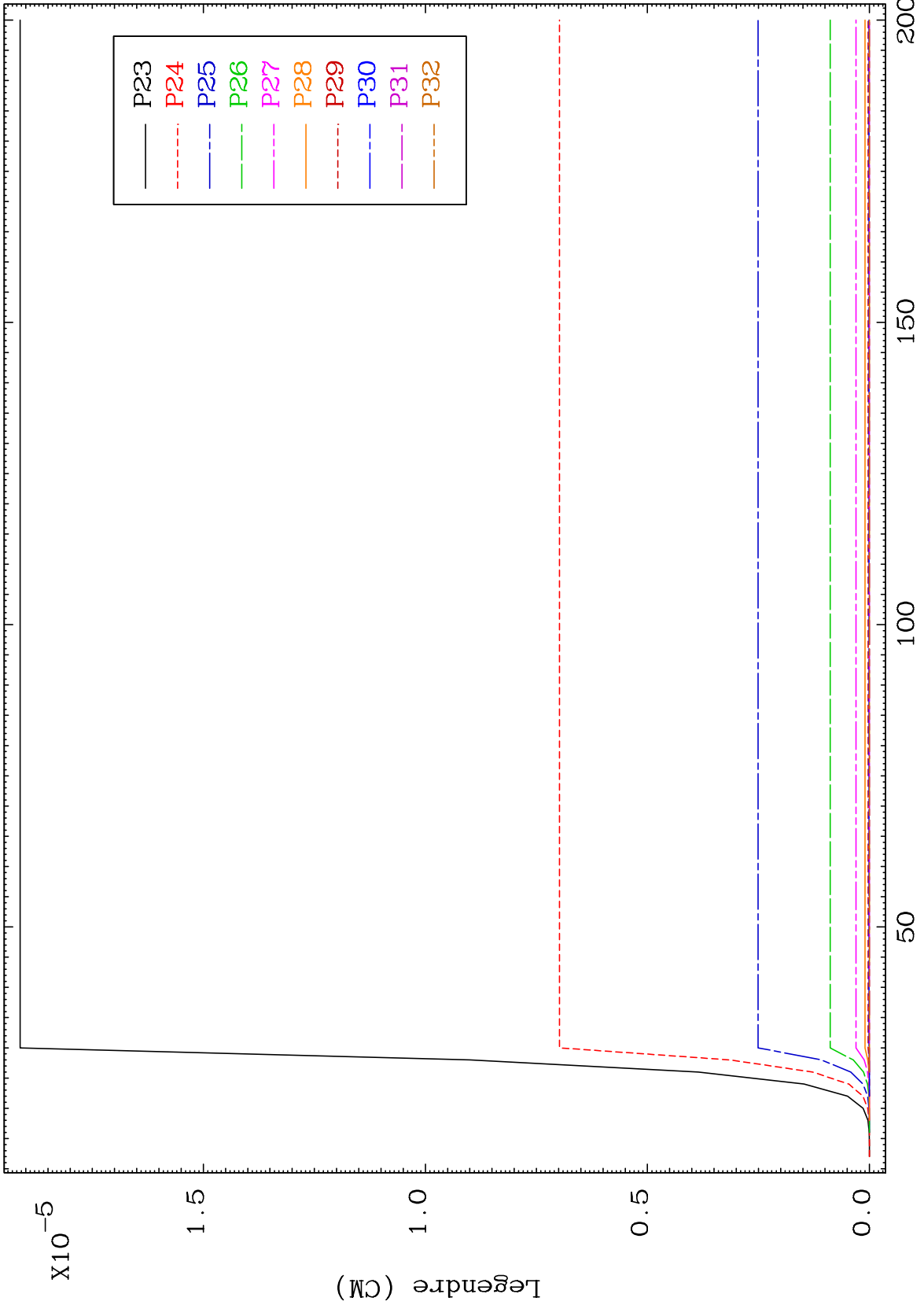


25 Incident Energy (MeV) 200 29-Cu-61

MAT 2919

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

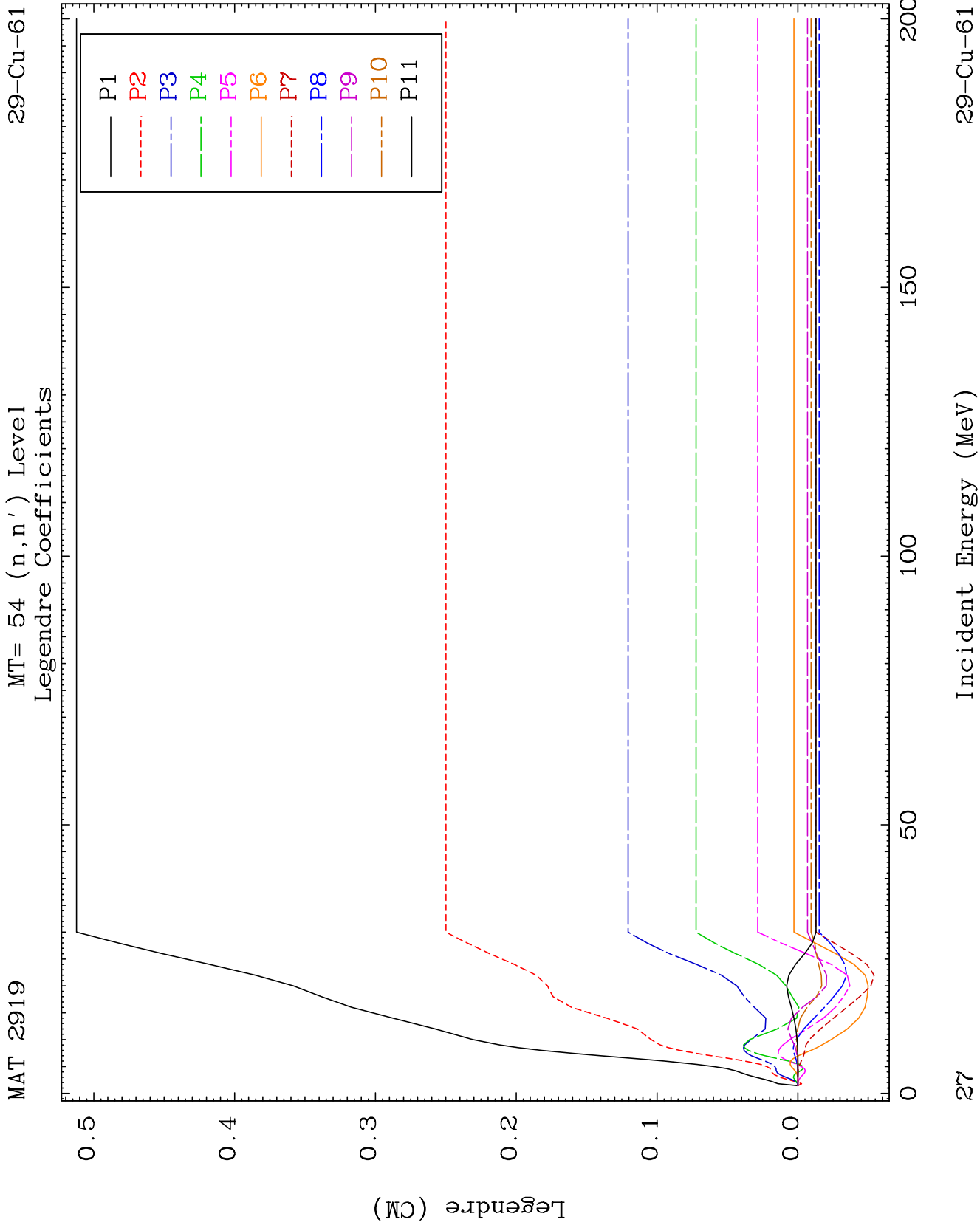
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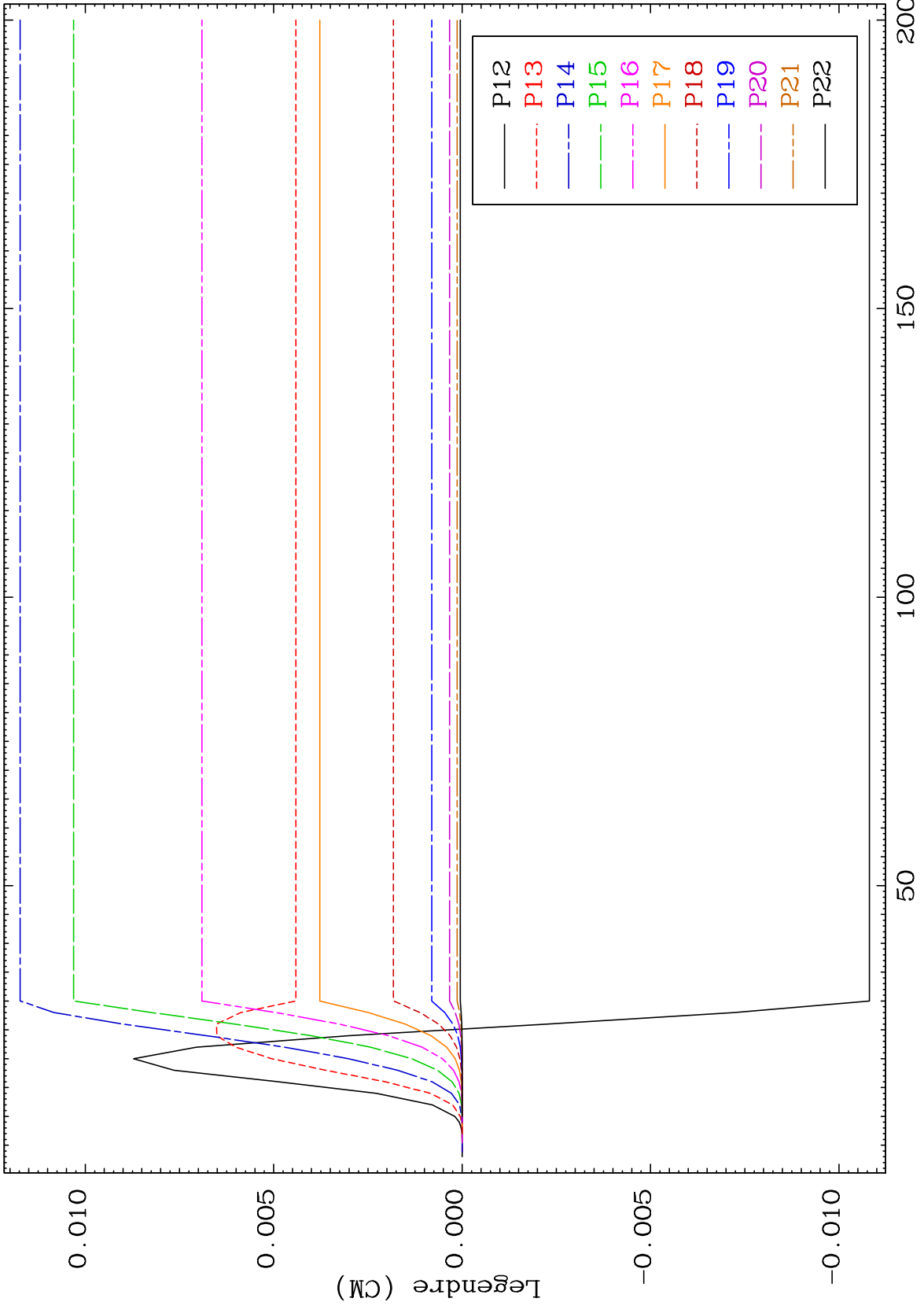
26

Incident Energy (MeV)

29-Cu-61



MAT 2919 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-61

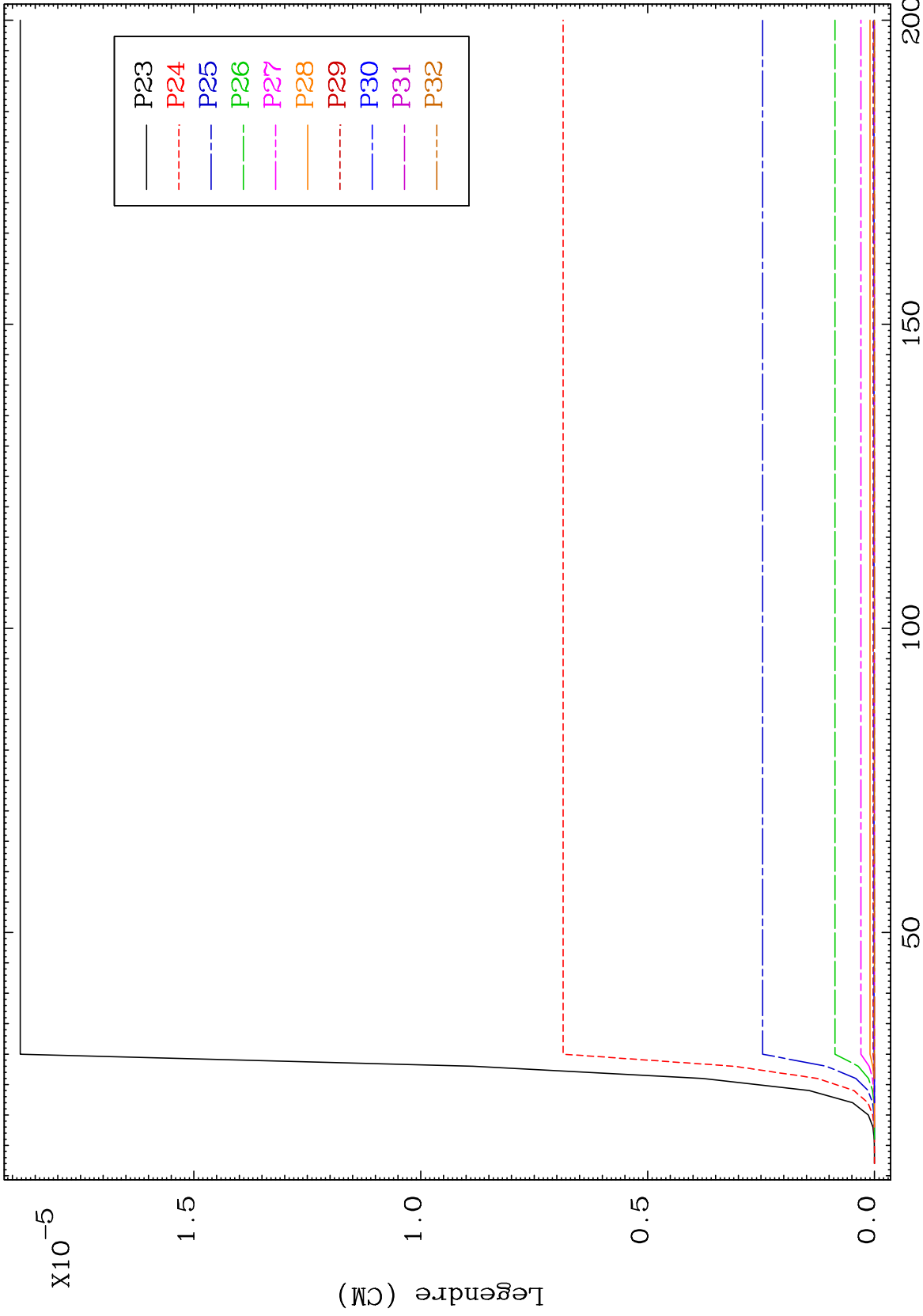


28 Incident Energy (MeV) 29-Cu-61

MAT 2919

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

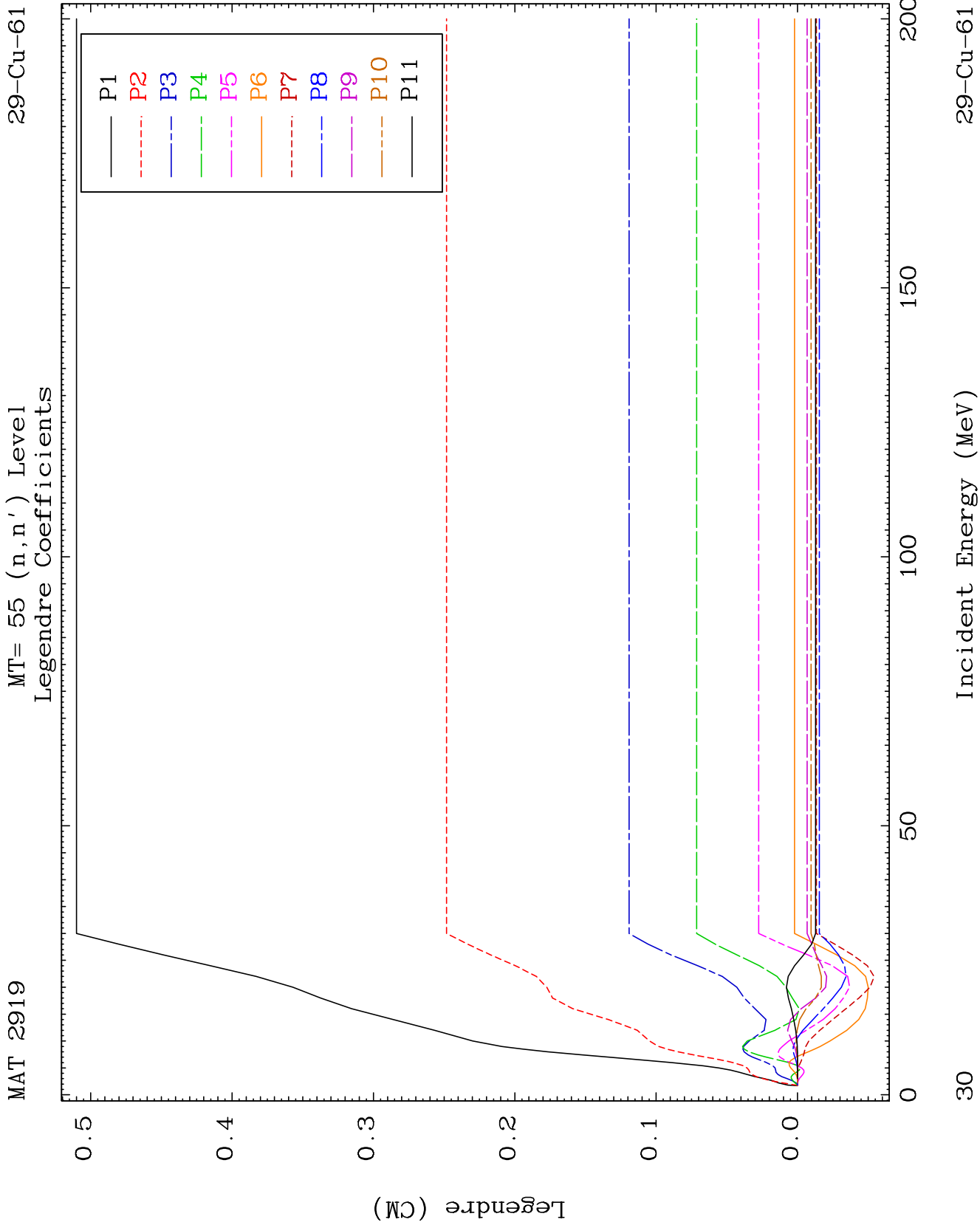
29-Cu-61

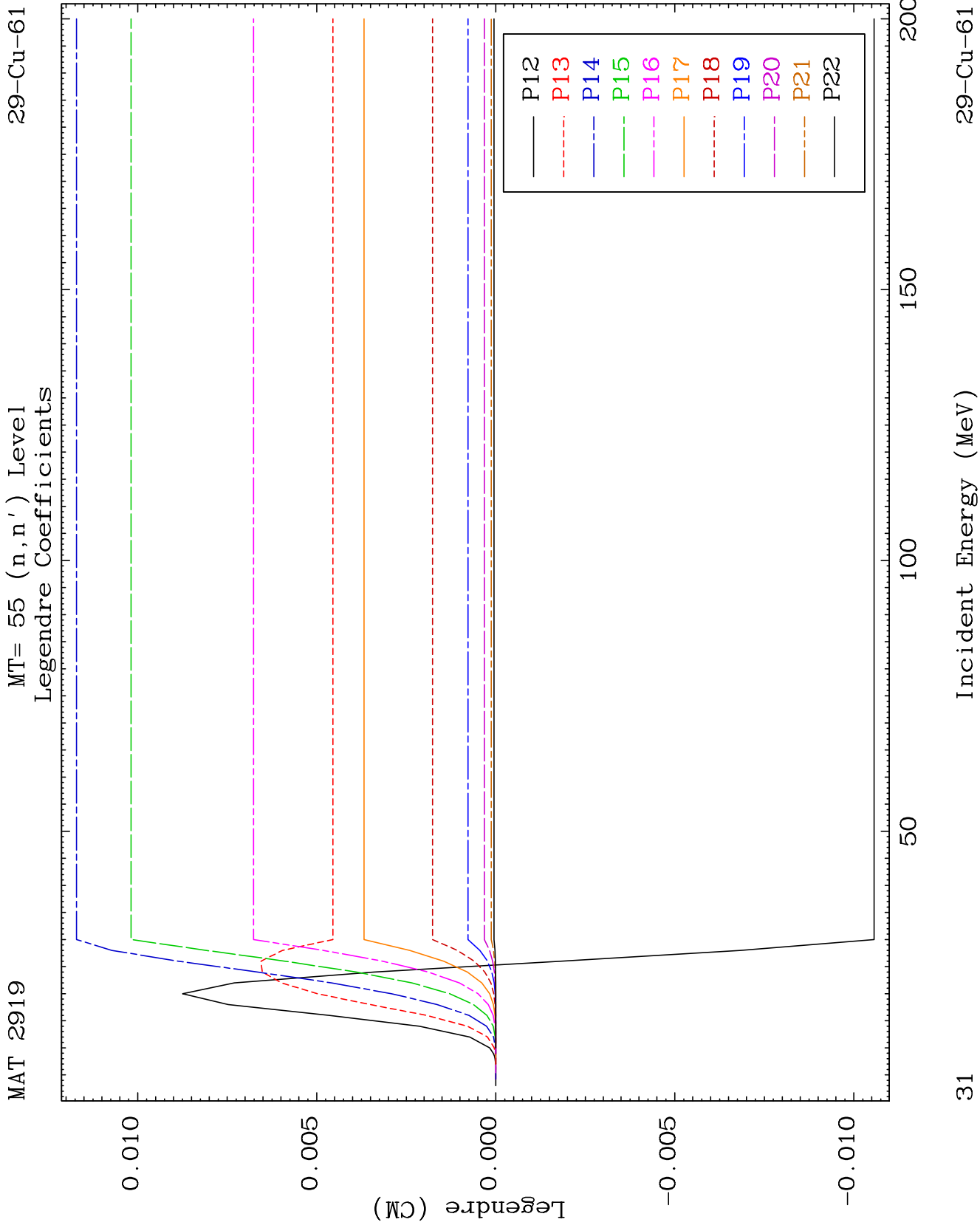


29

Incident Energy (MeV)

29-Cu-61

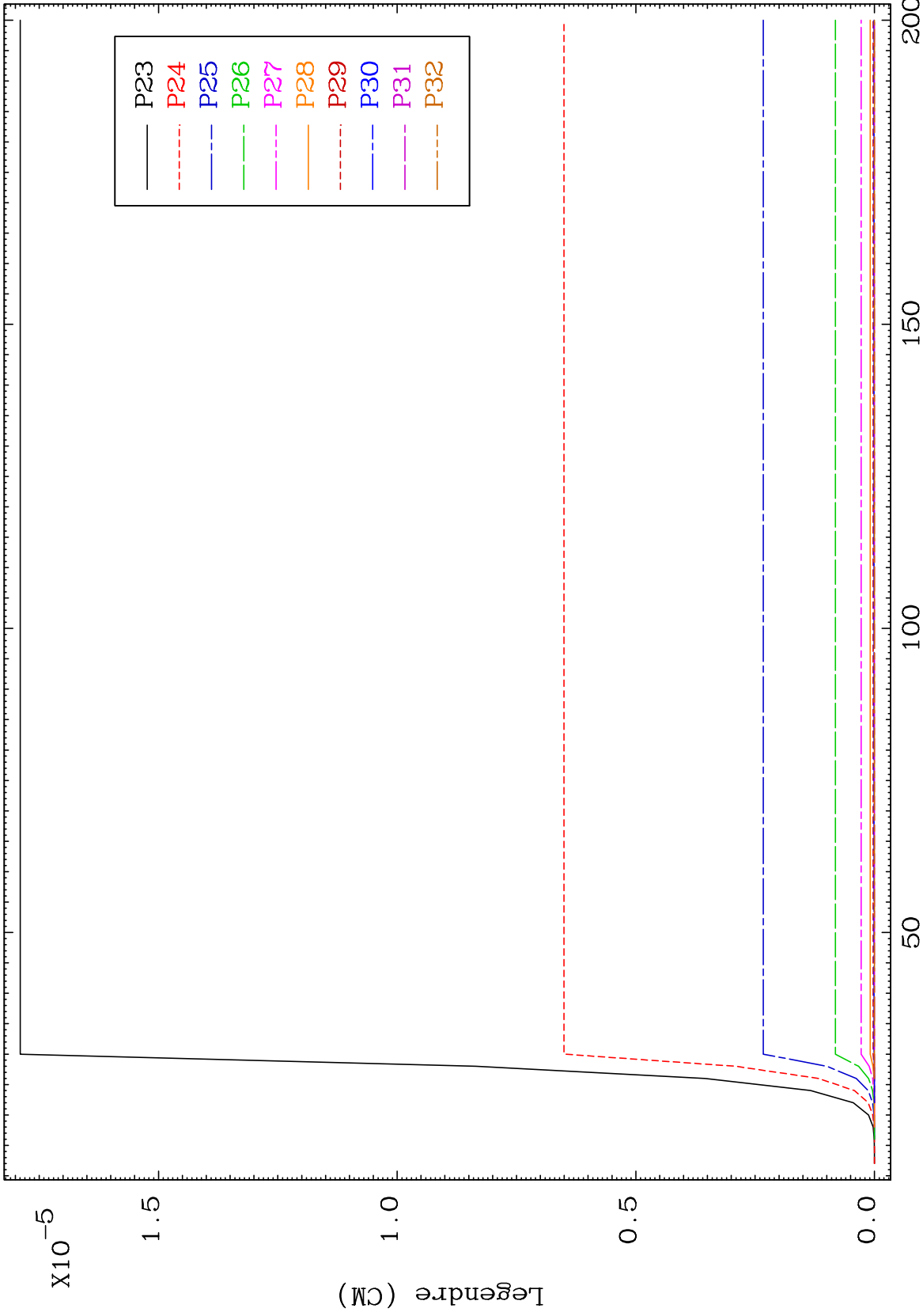




MAT 2919

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

29-Cu-61

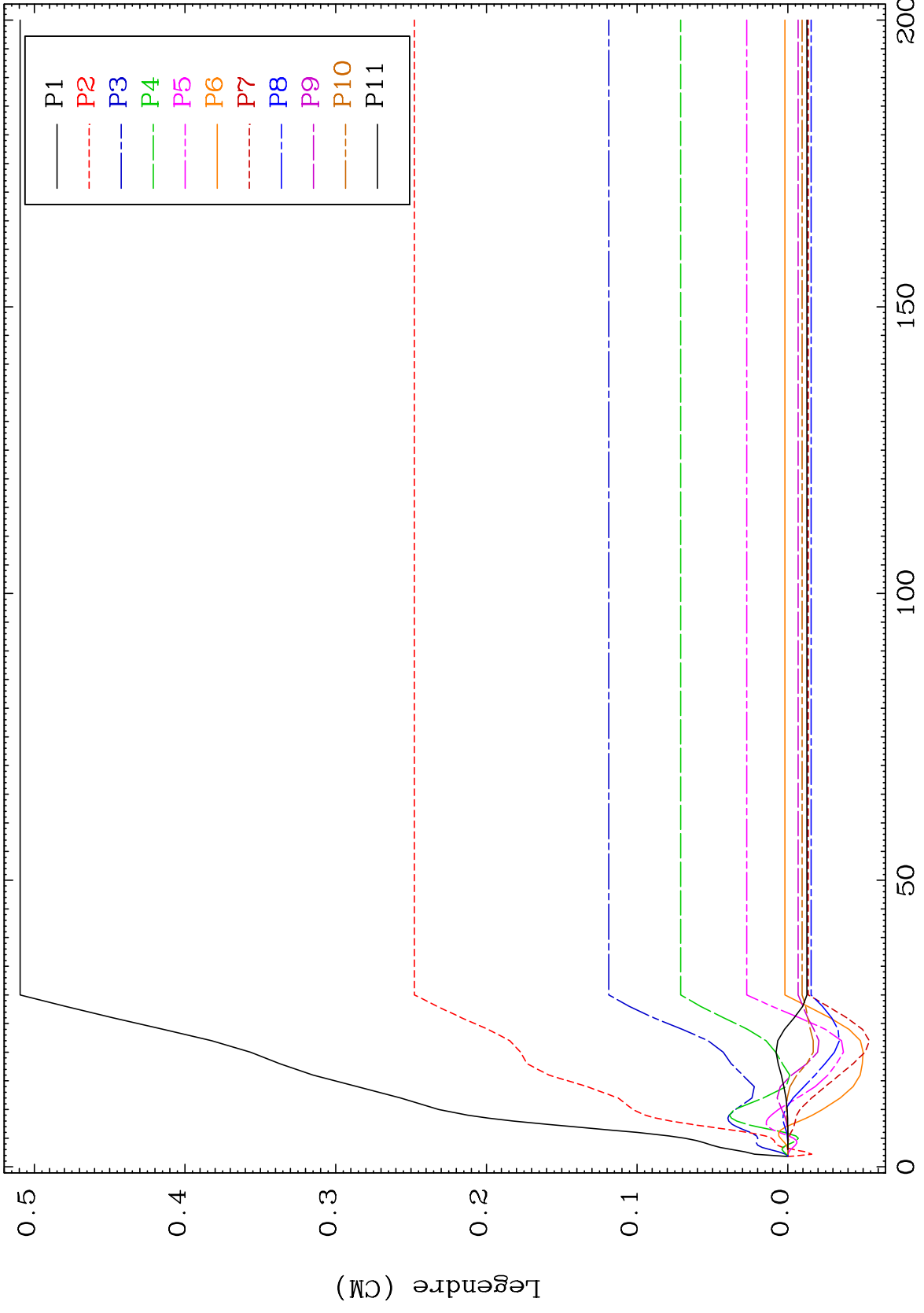


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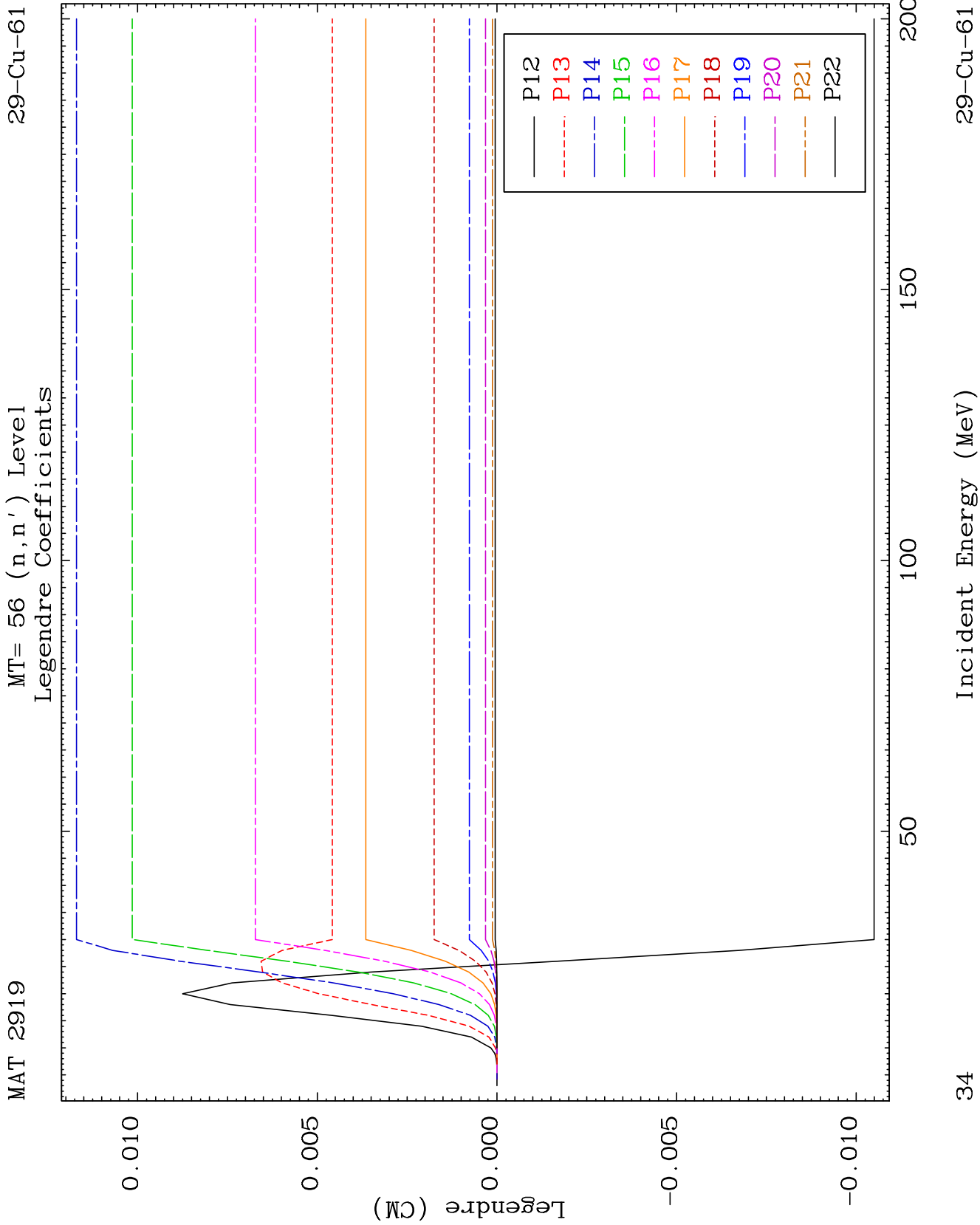
Incident Energy (MeV)

29-Cu-61

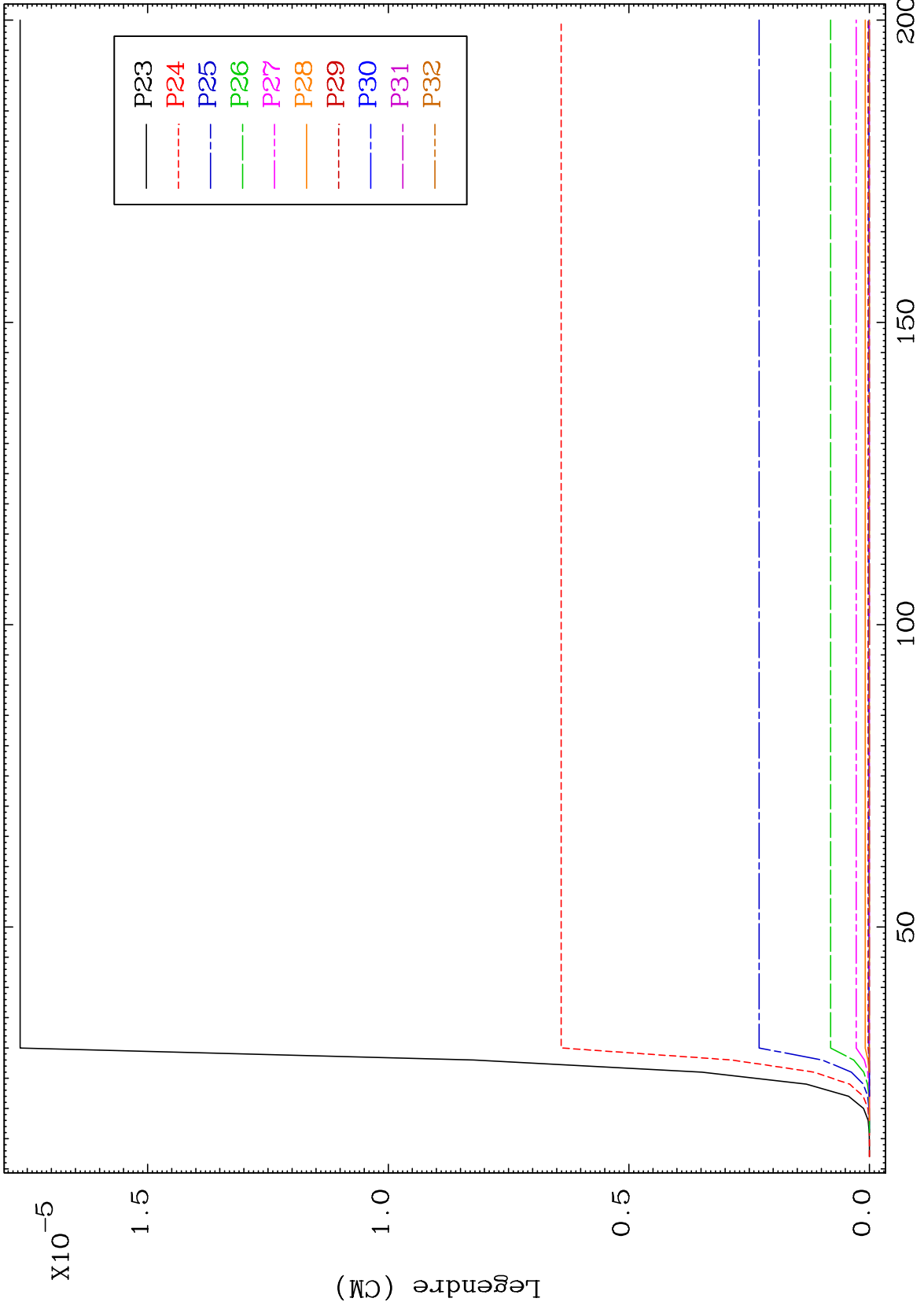
MAT 2919 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-61



33 29-Cu-61



MAT 2919 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-61

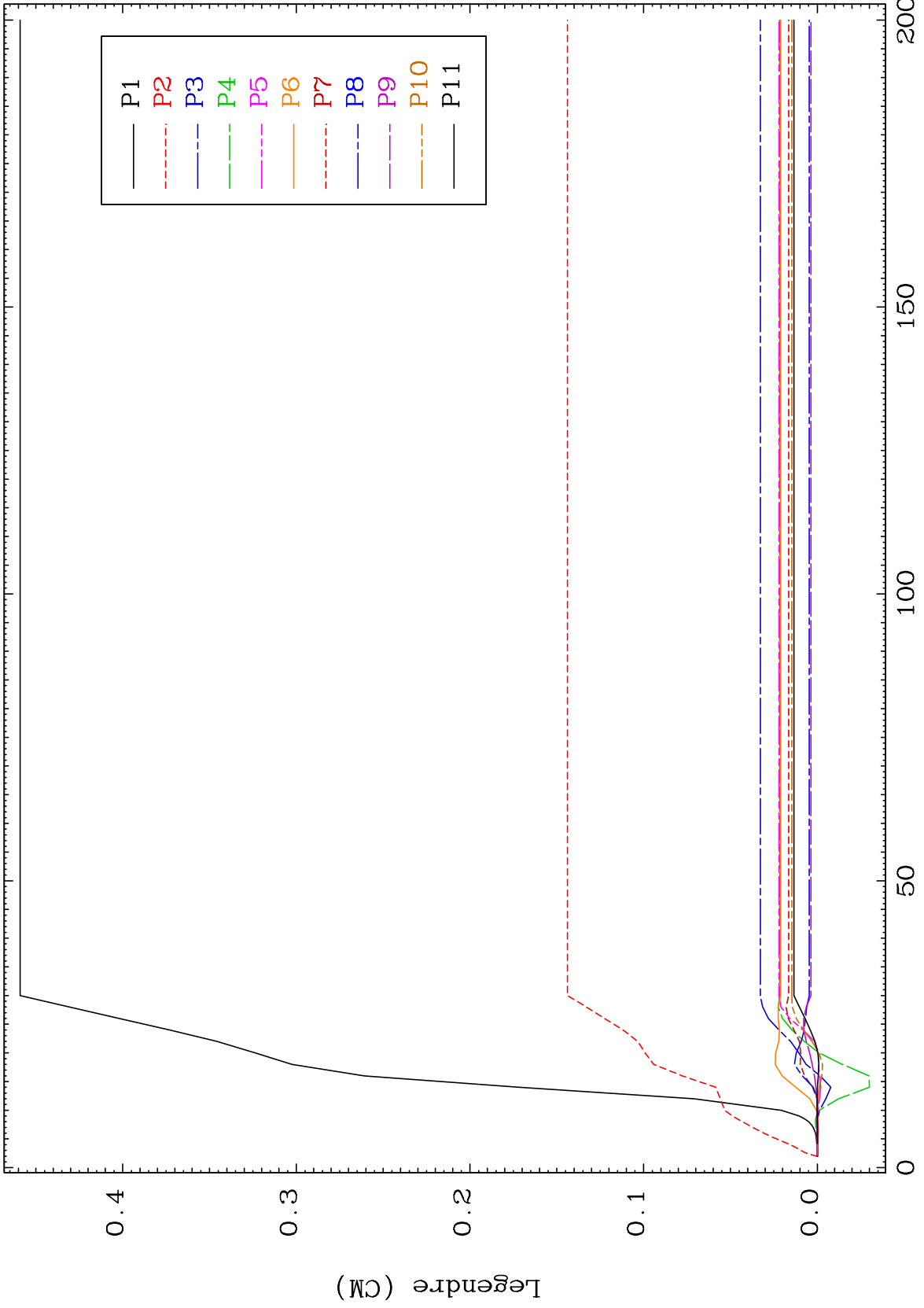


35 50 100 150 200 29-Cu-61

MAT 2919

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

29-Cu-61

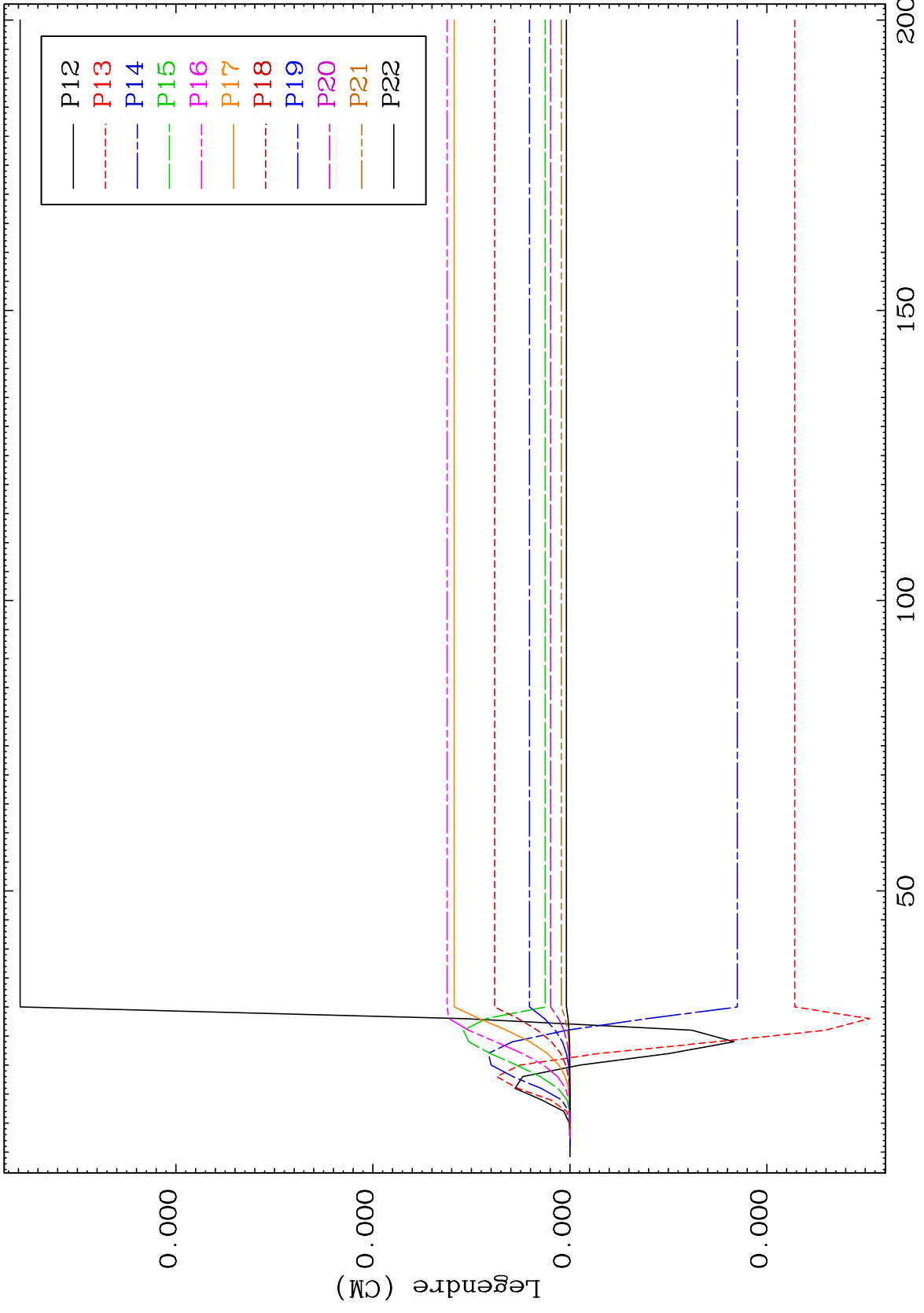


36

Incident Energy (MeV)

29-Cu-61

MAT 2919 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-61

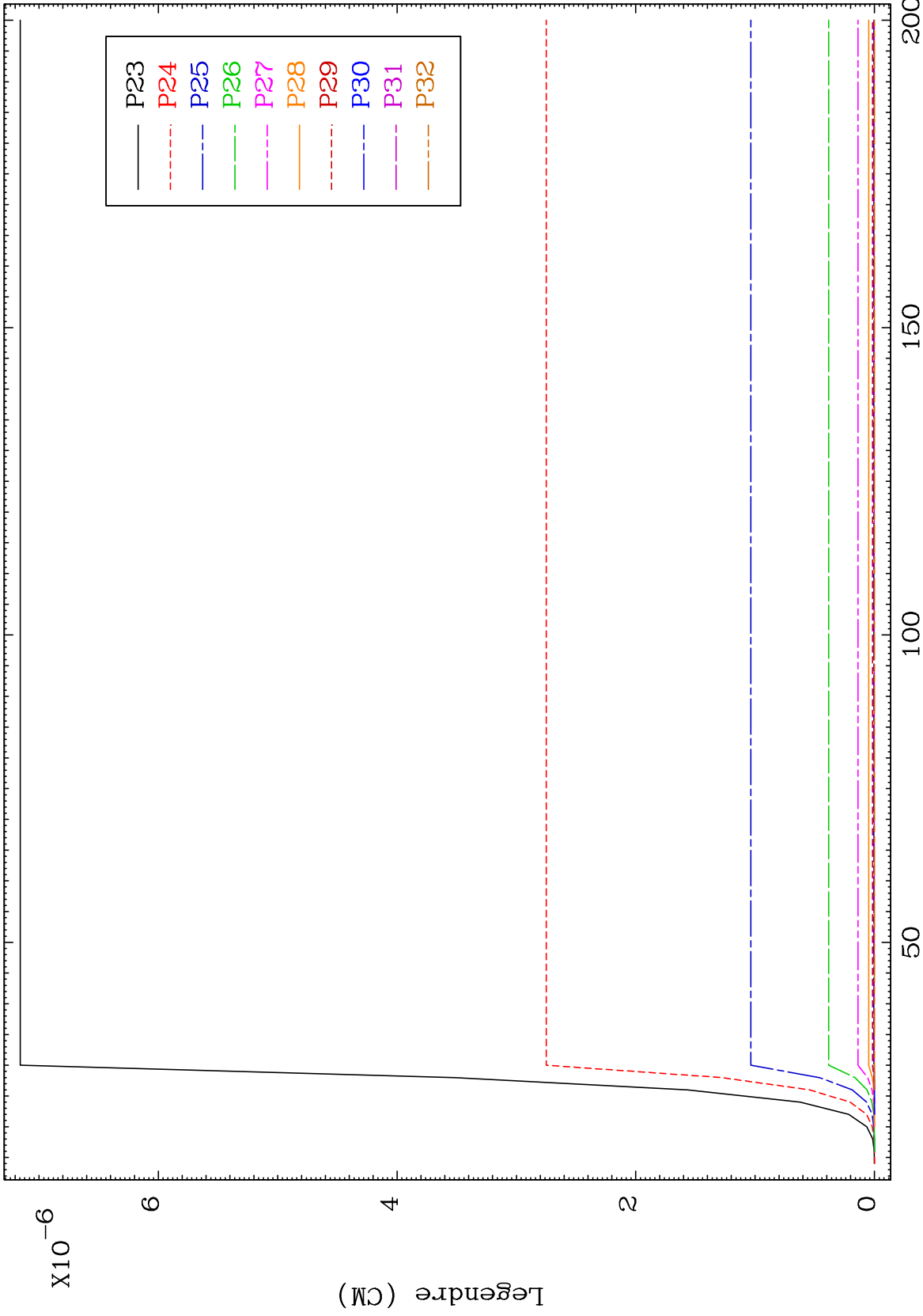


37 29-Cu-61

MAT 2919

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

29-Cu-61

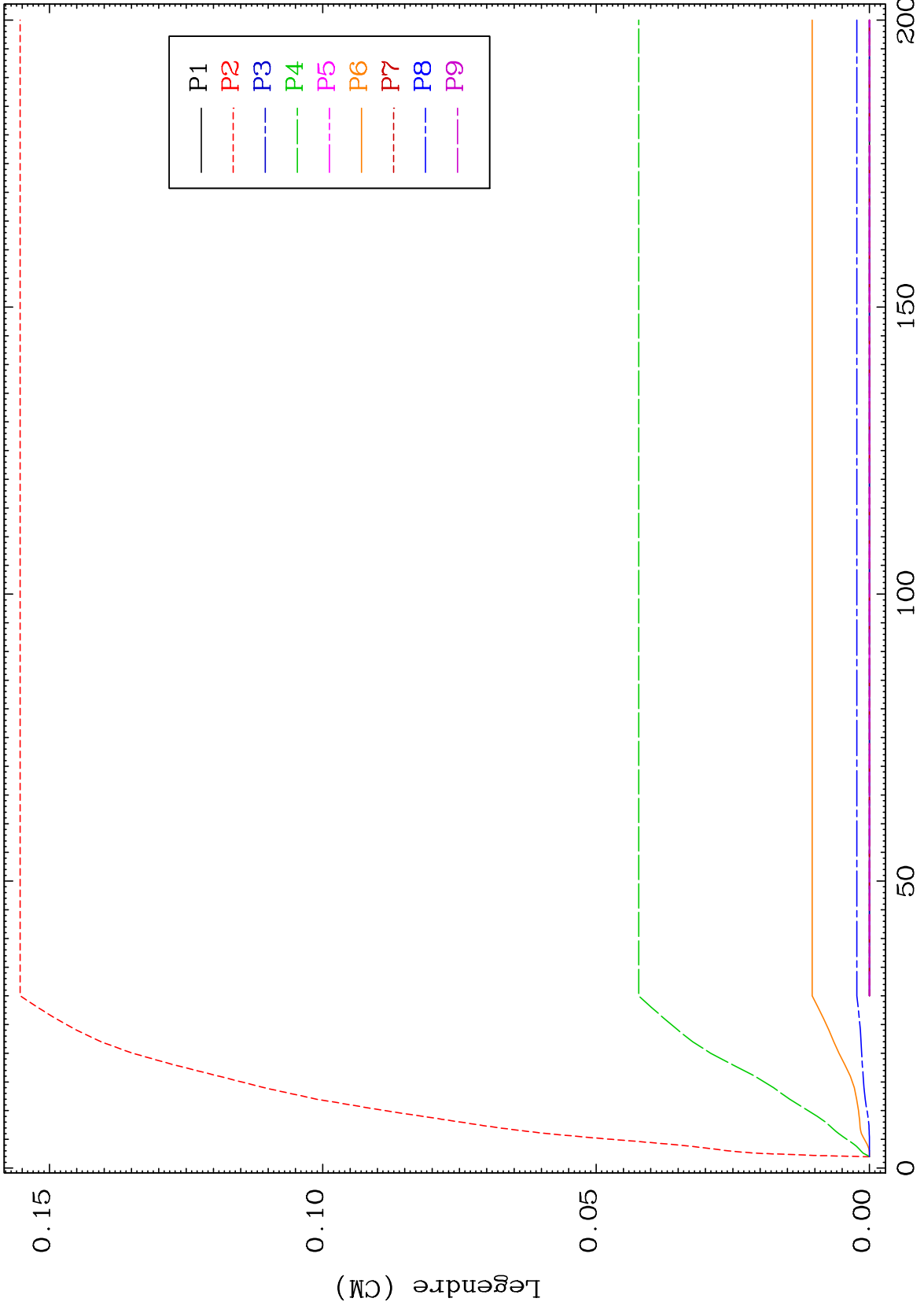


38

Incident Energy (MeV)

29-Cu-61

MAT 2919 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-61

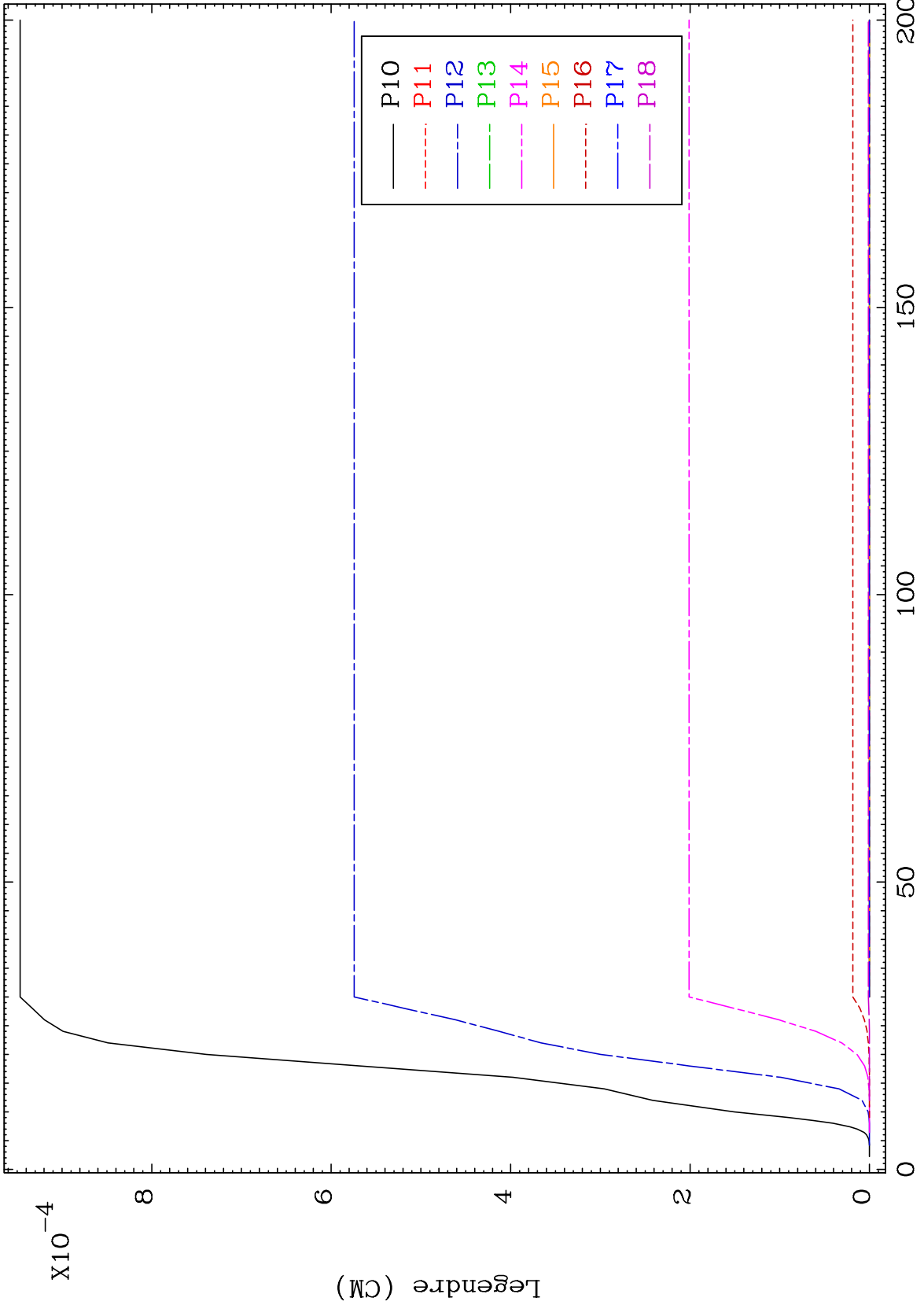


39 Incident Energy (MeV) 29-Cu-61

MAT 2919

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

29-Cu-61



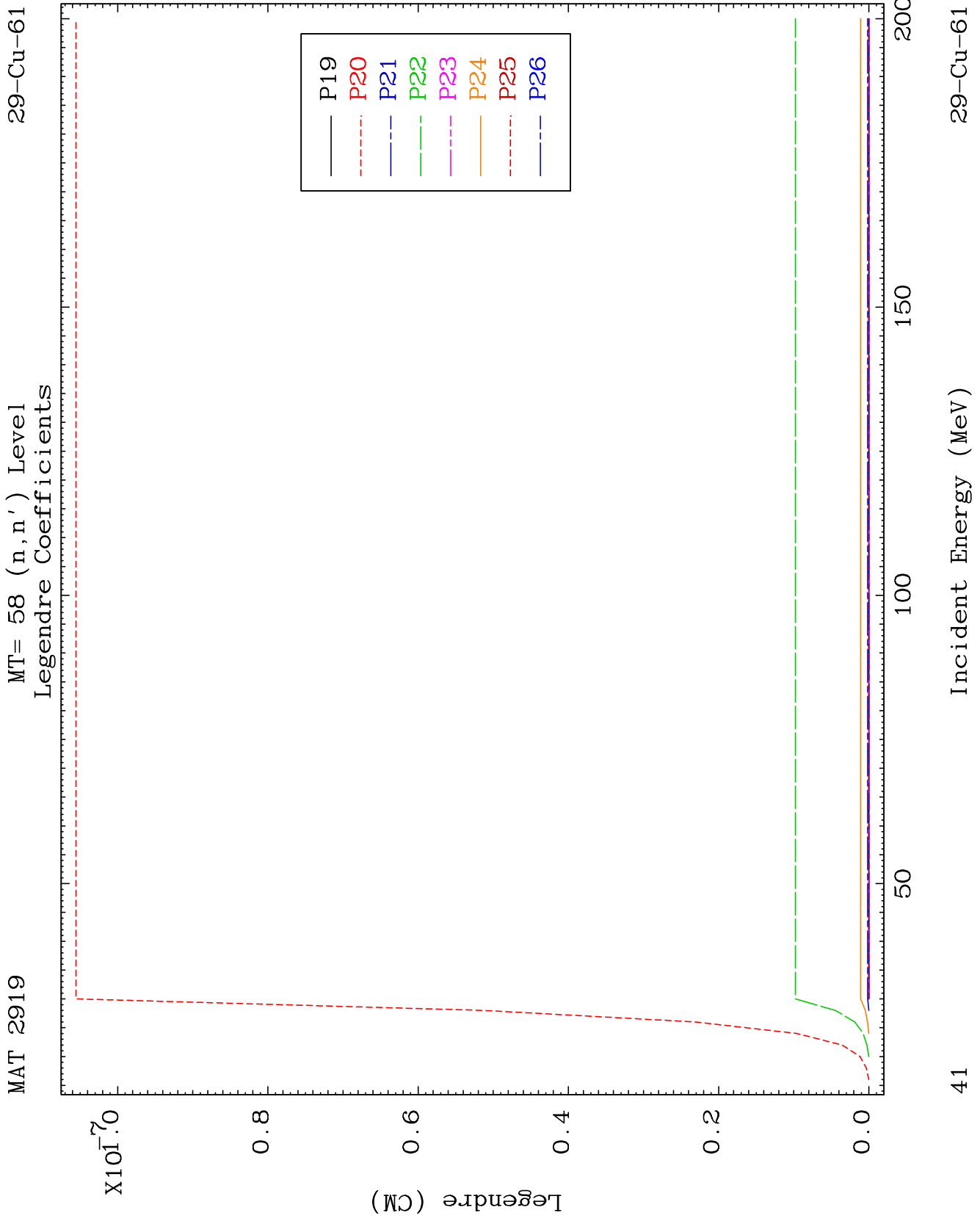
40

Incident Energy (MeV)

150

200

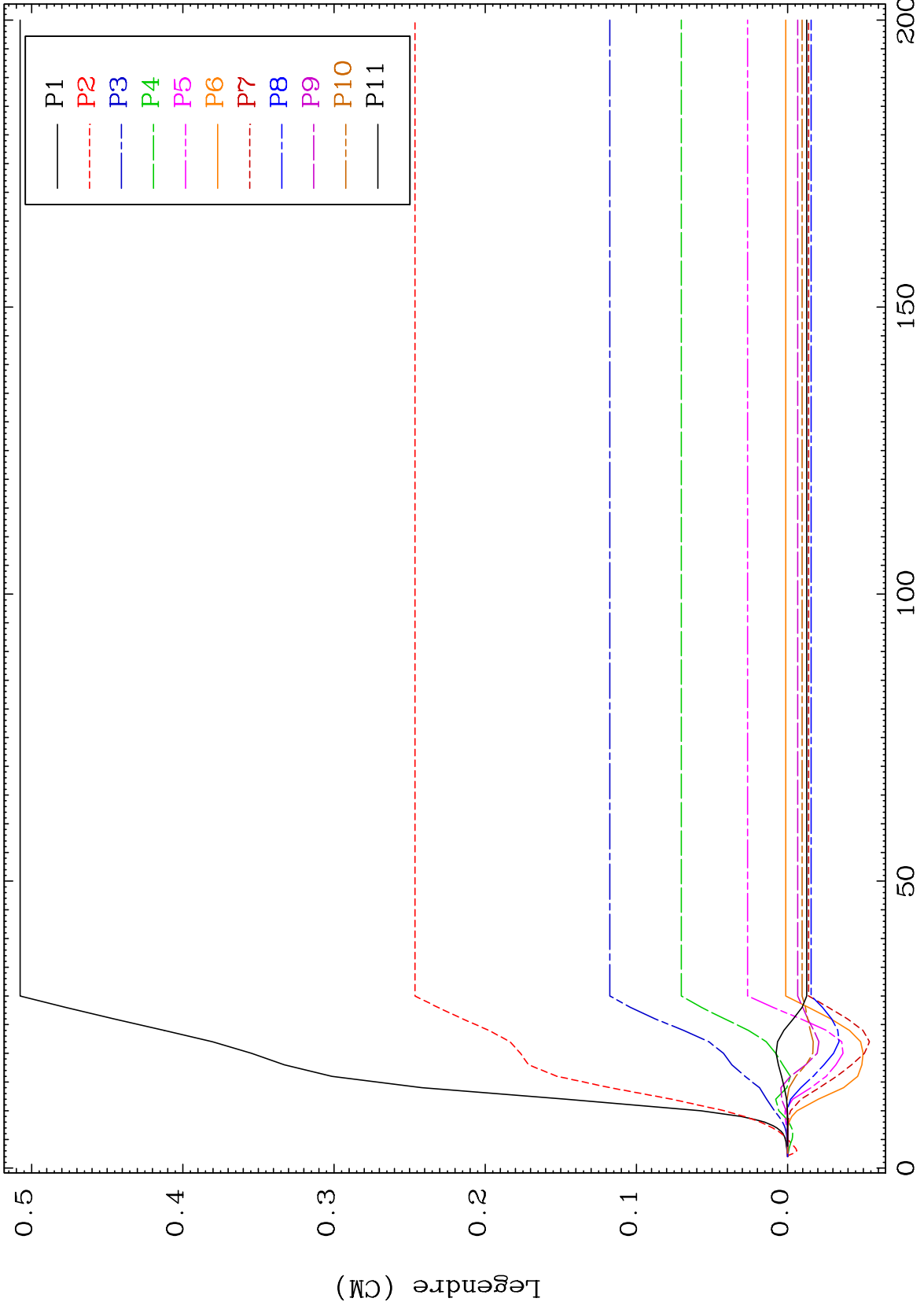
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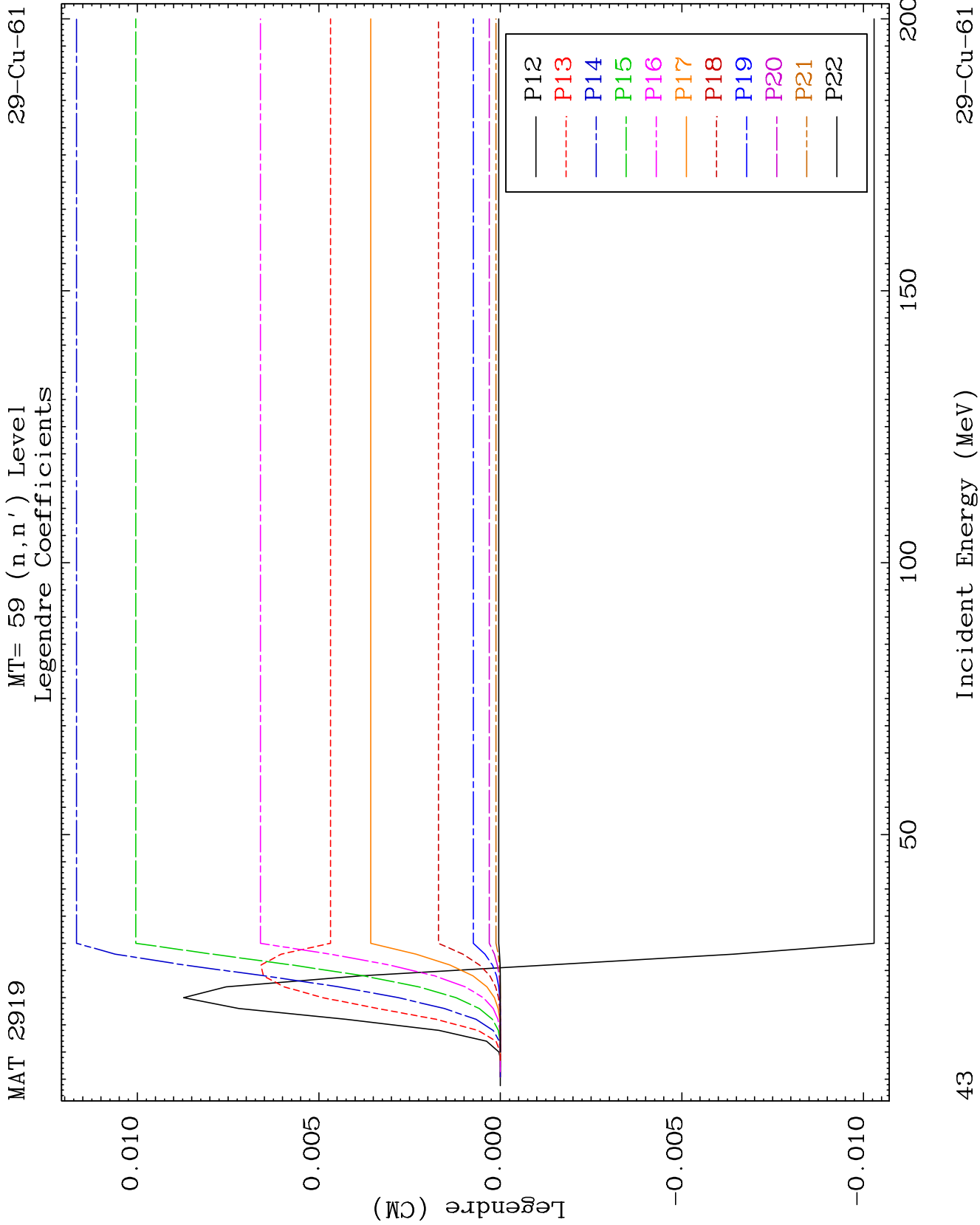


MAT 2919 MT= 59 (n,n') Level Legendre Coefficients

29-Cu-61

29-Cu-61

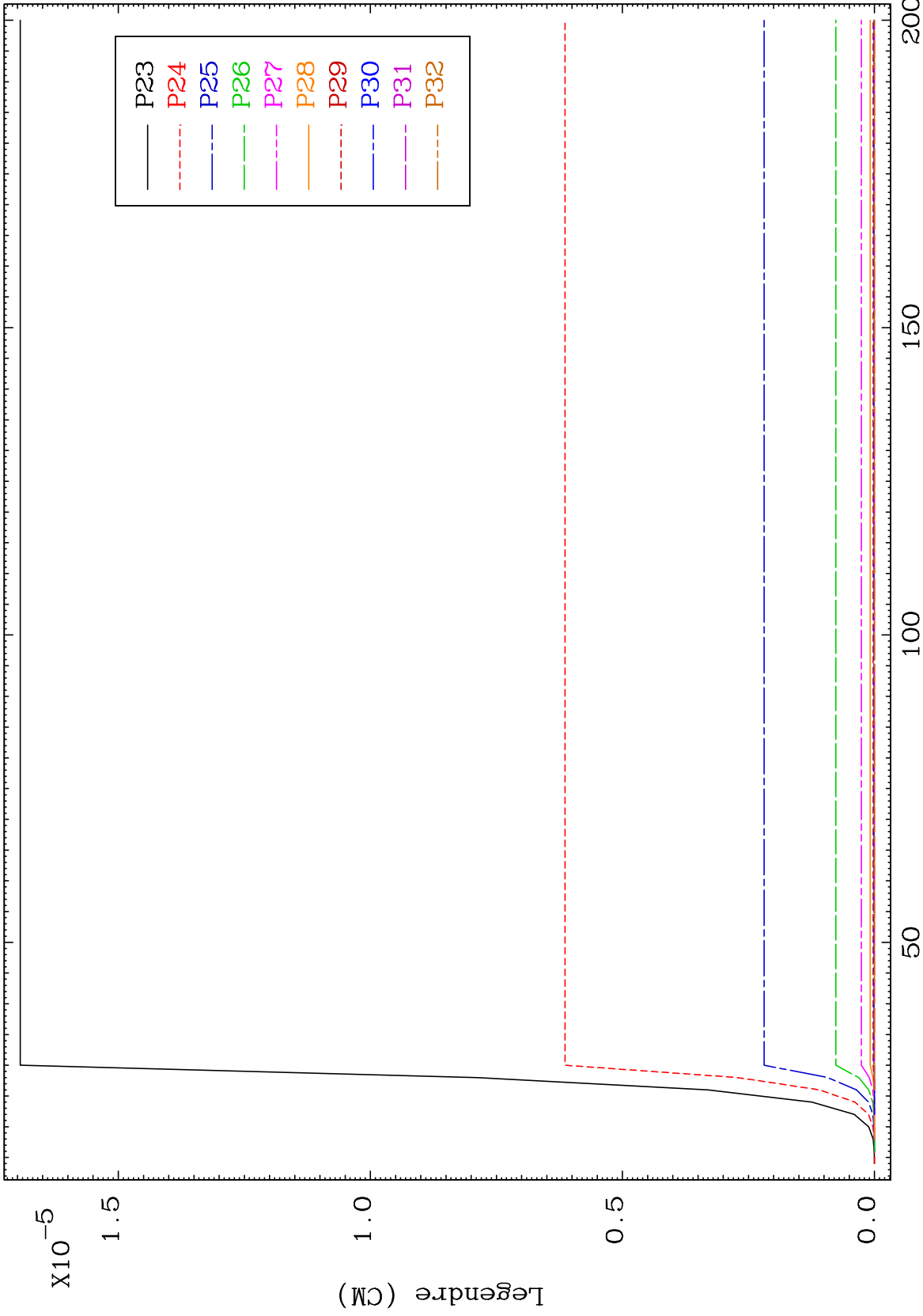




MAT 2919

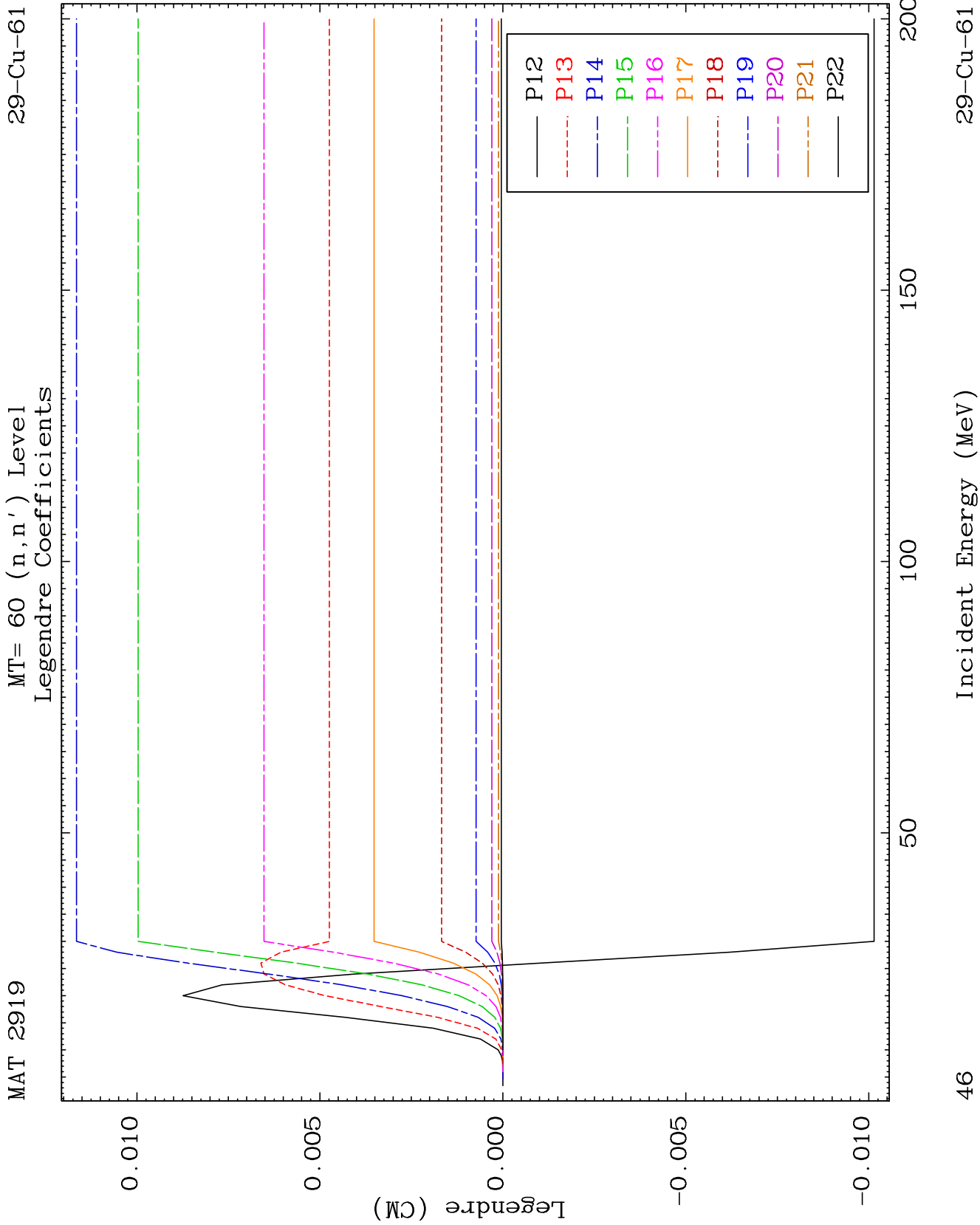
MT= 59 (n,n') Level
Legendre Coefficients

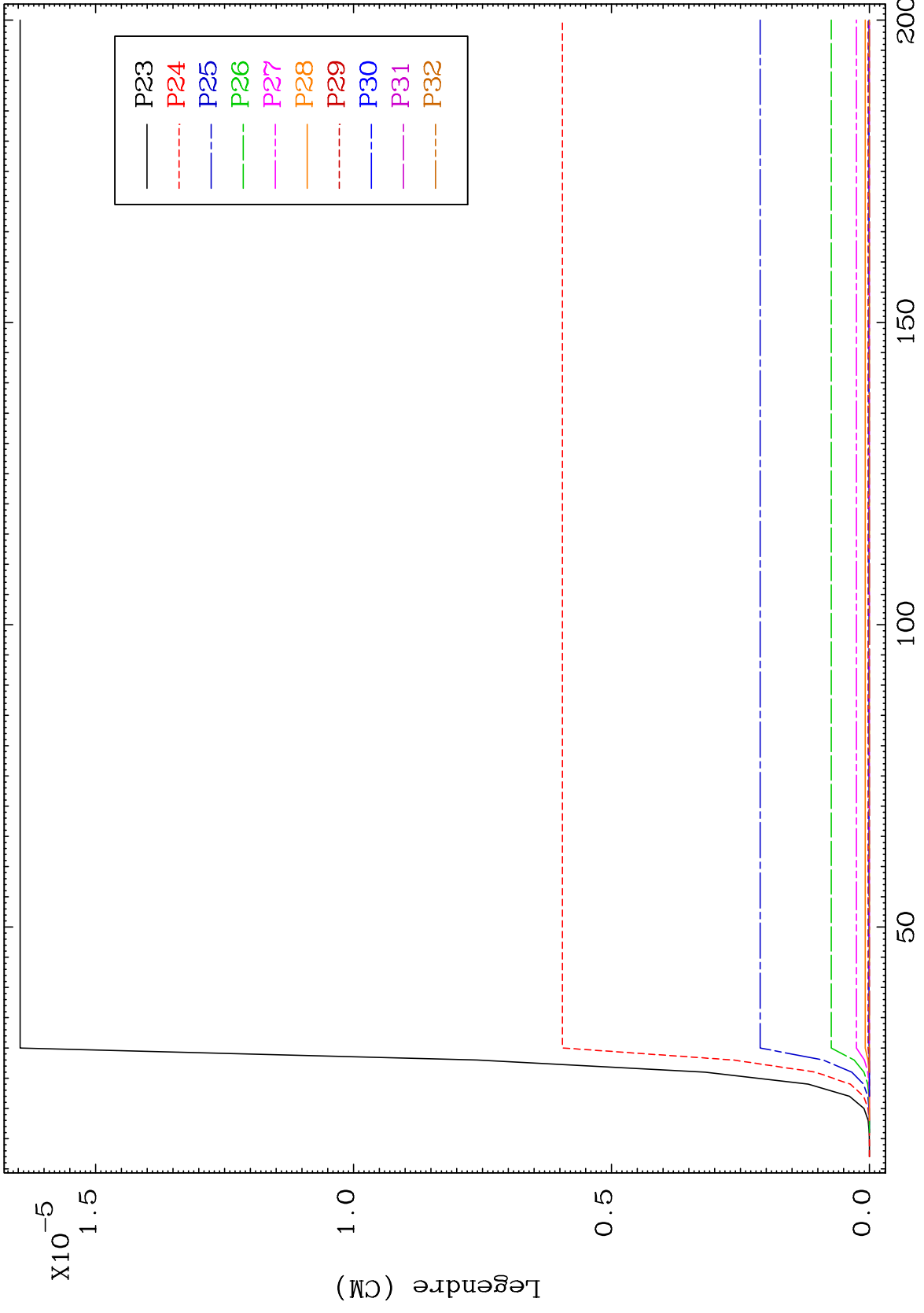
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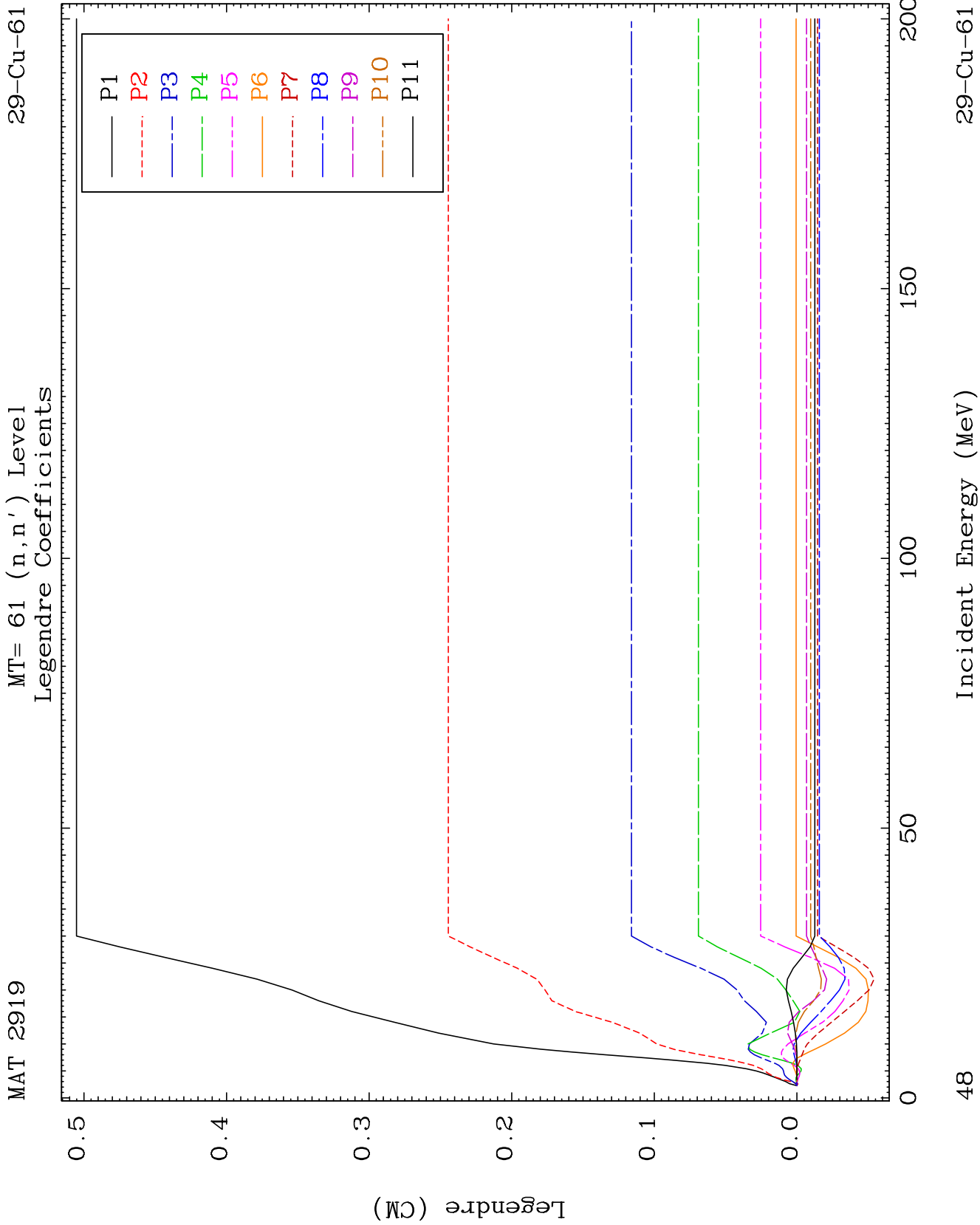


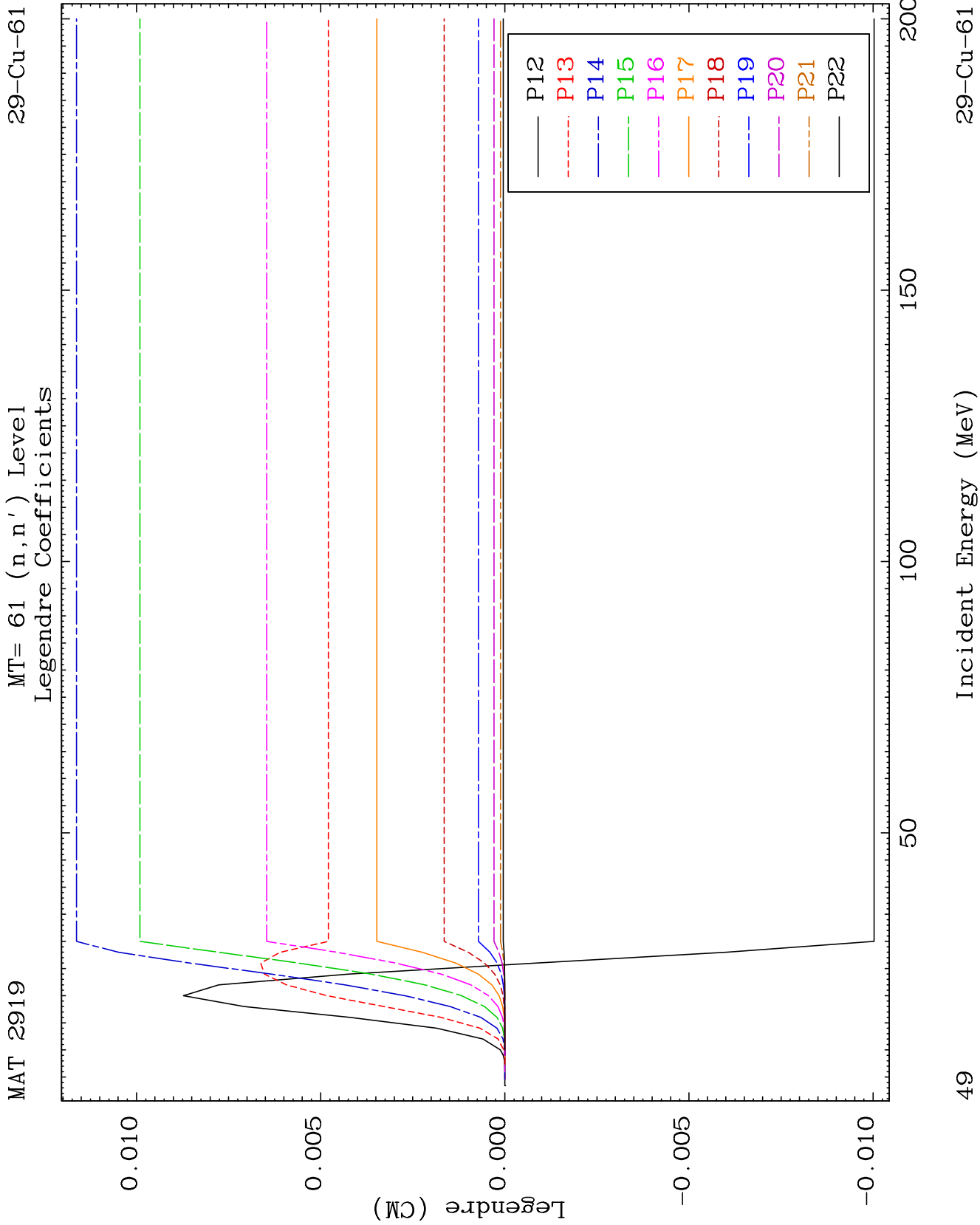
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29-Cu-61

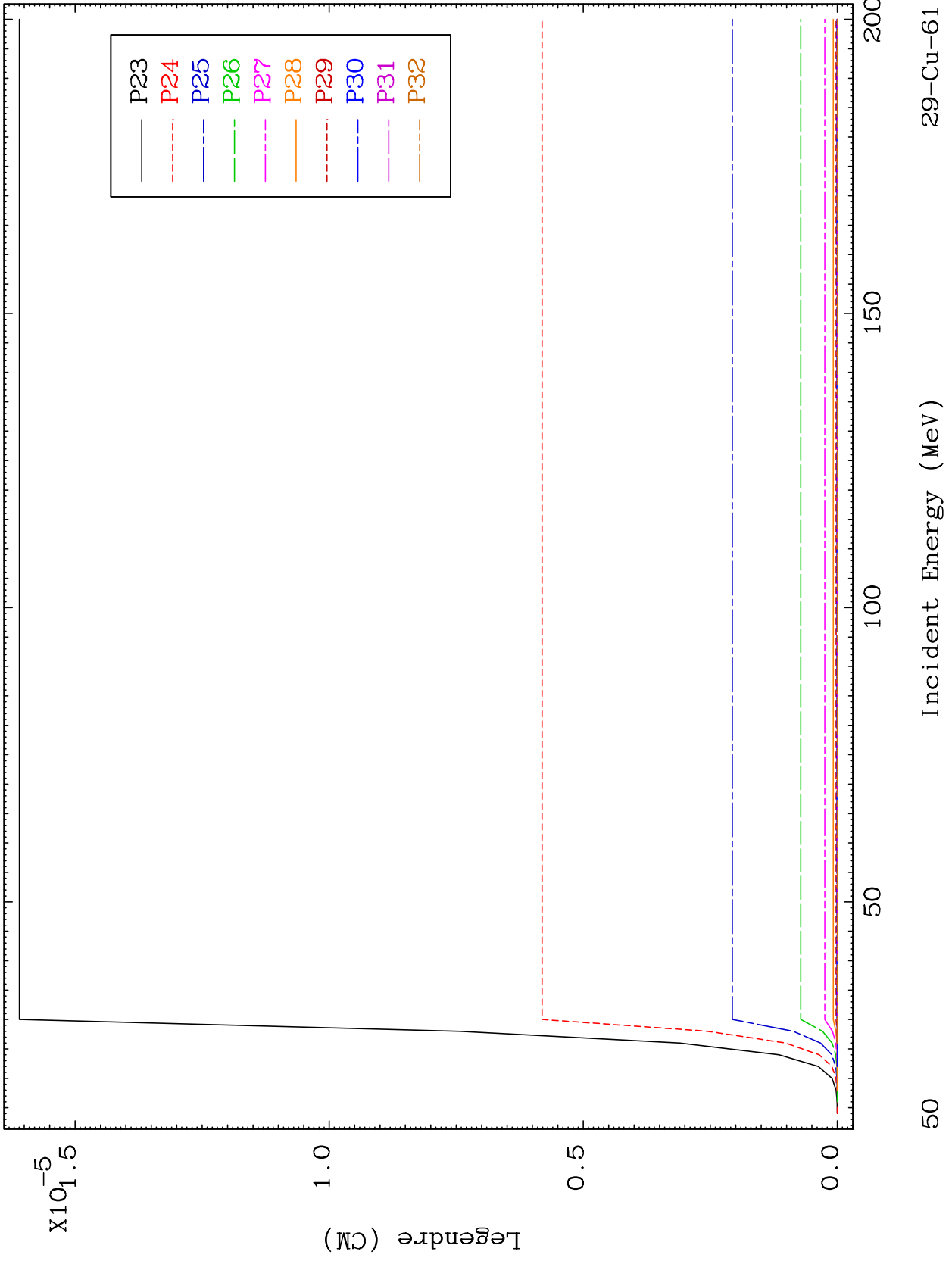




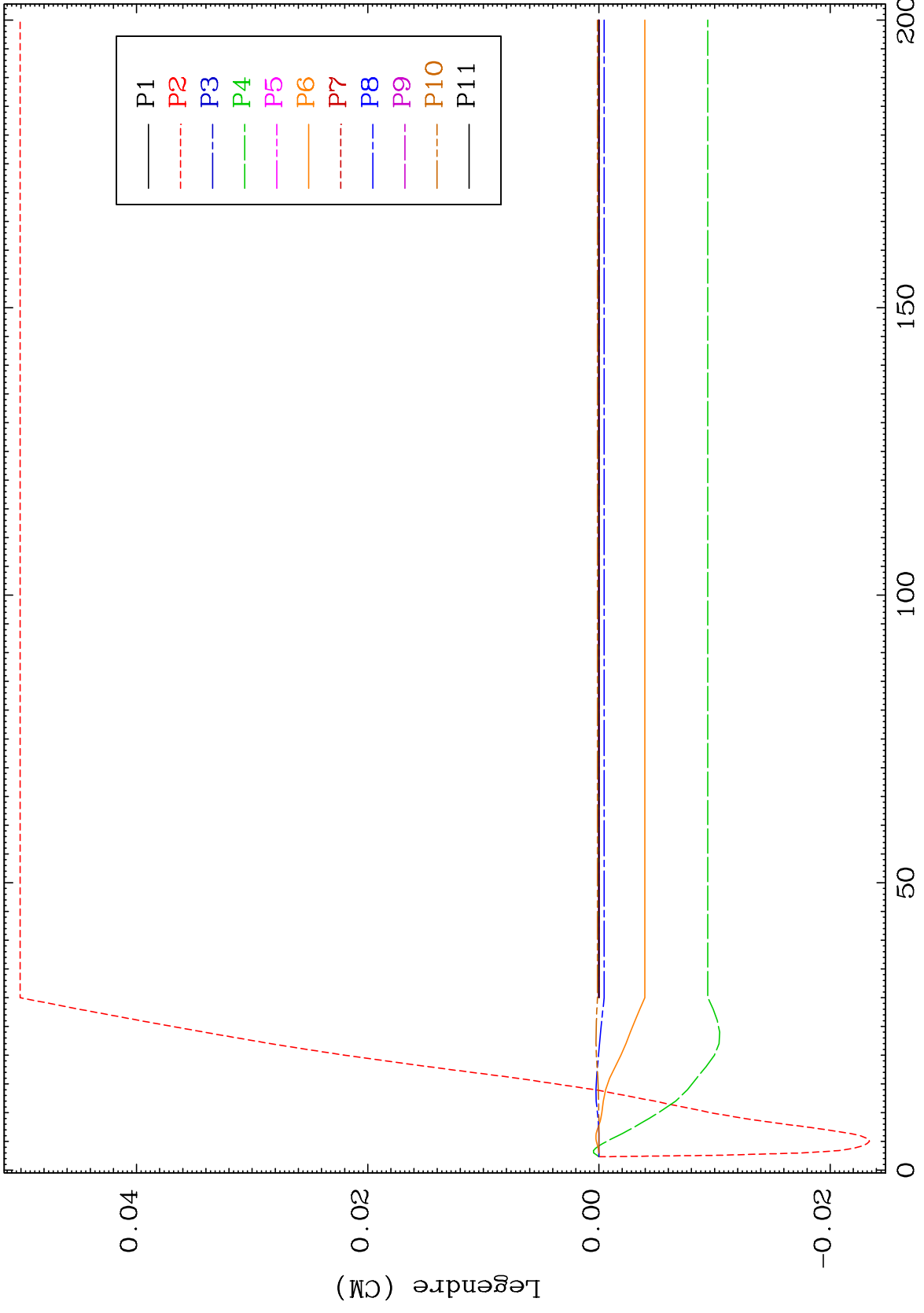




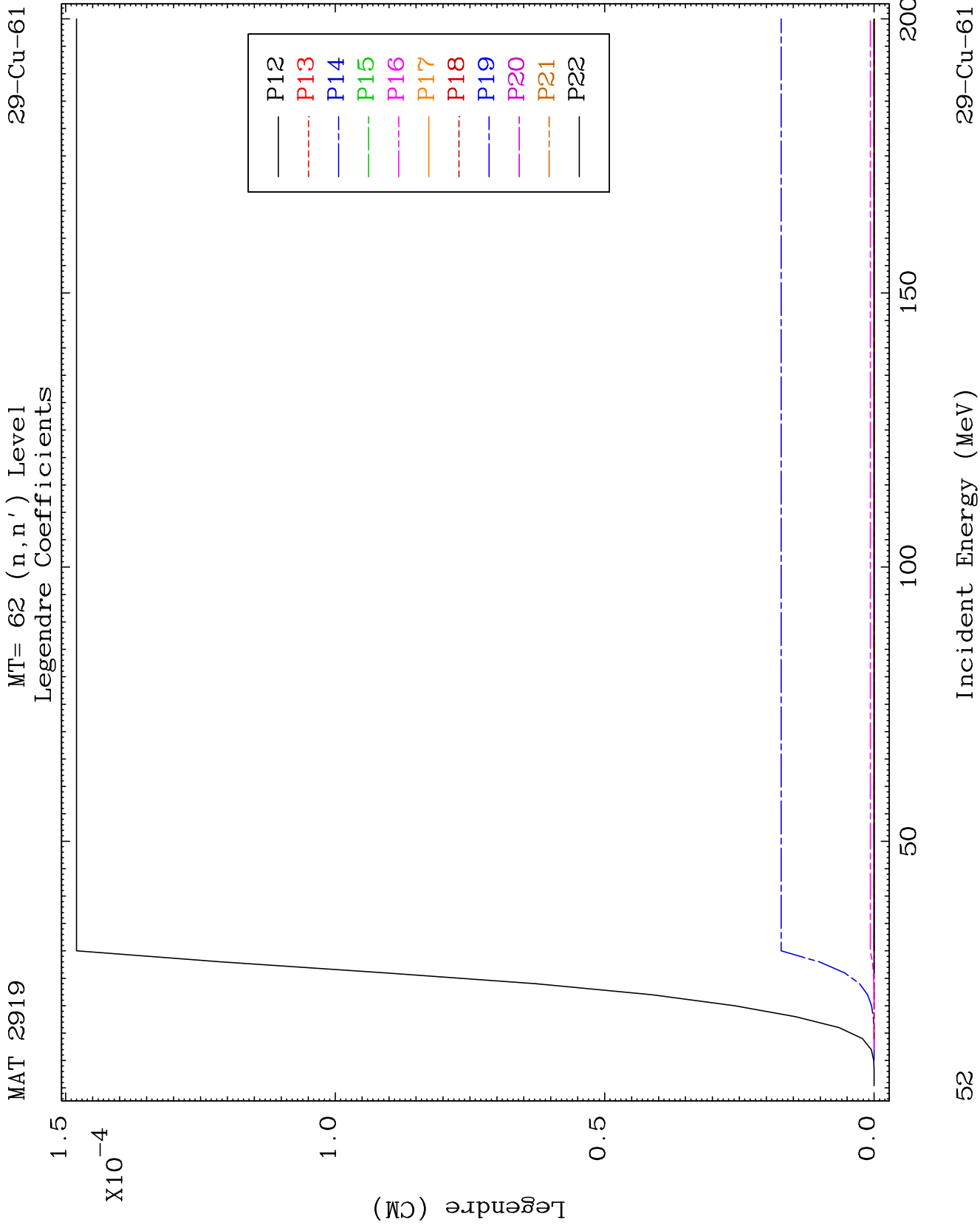
MAT 2919 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-61



MAT 2919 MT= 62 (n,n') Level Legendre Coefficients 29-Cu-61



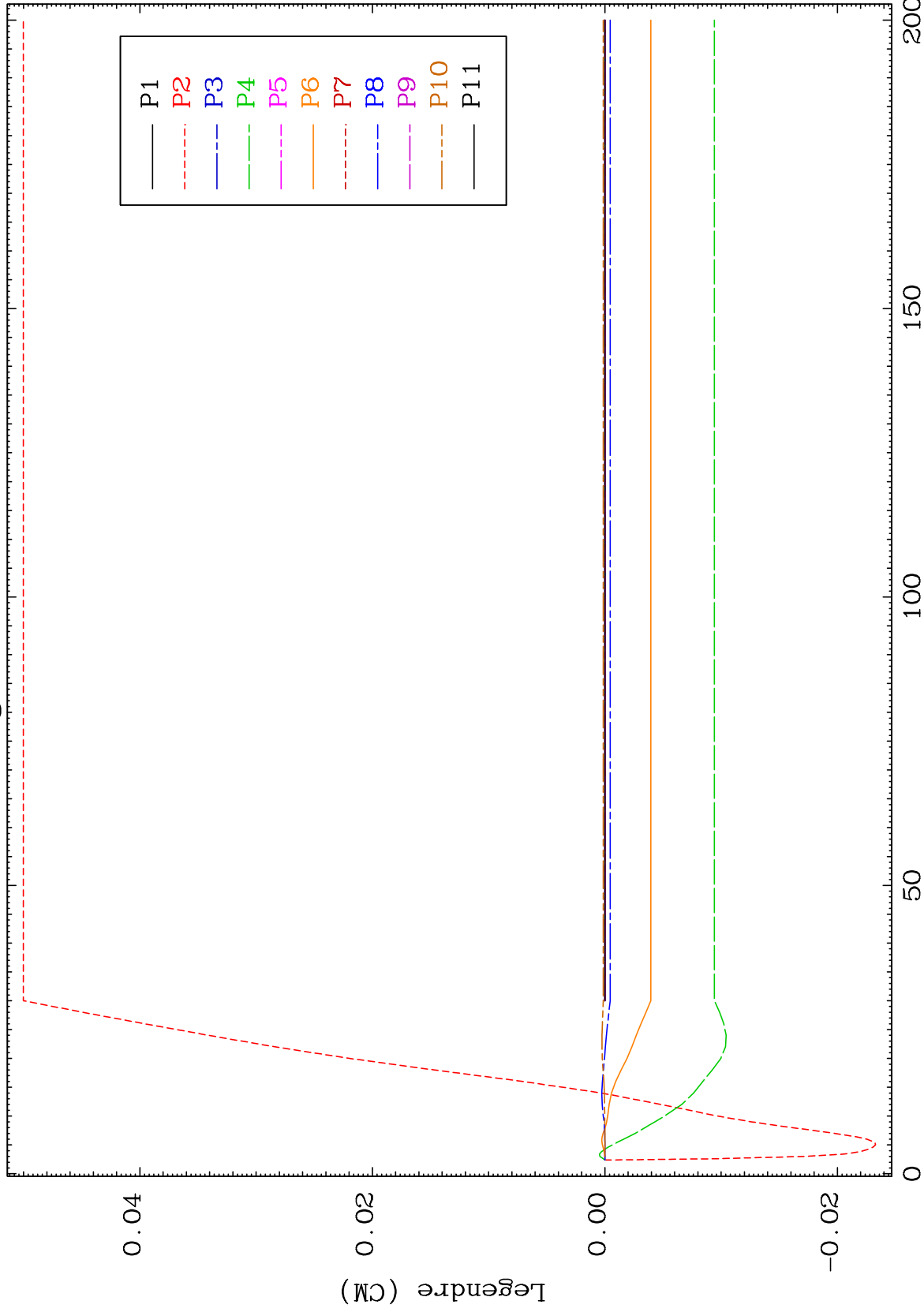
51 29-Cu-61



MAT 2919

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

29-Cu-61

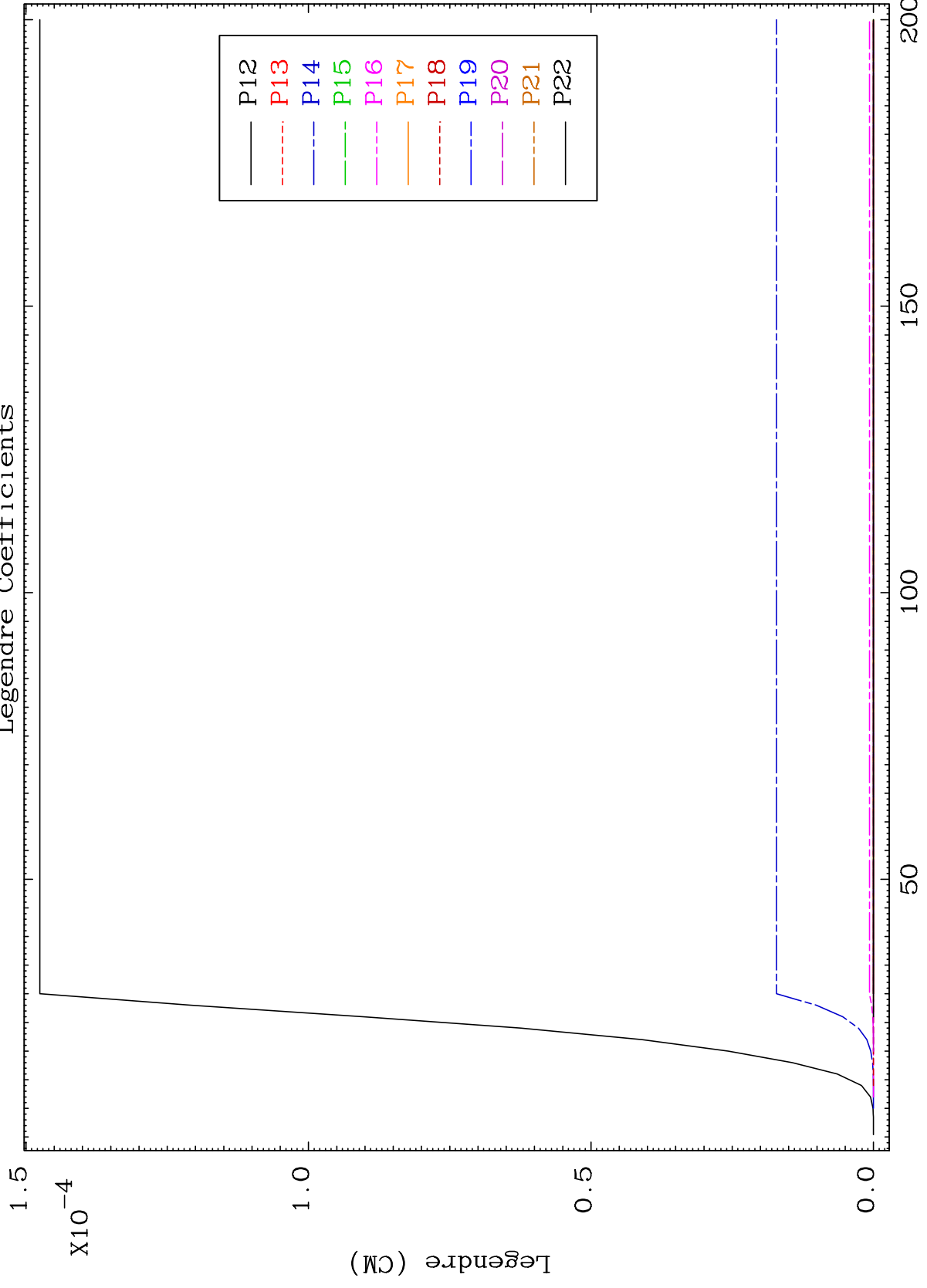


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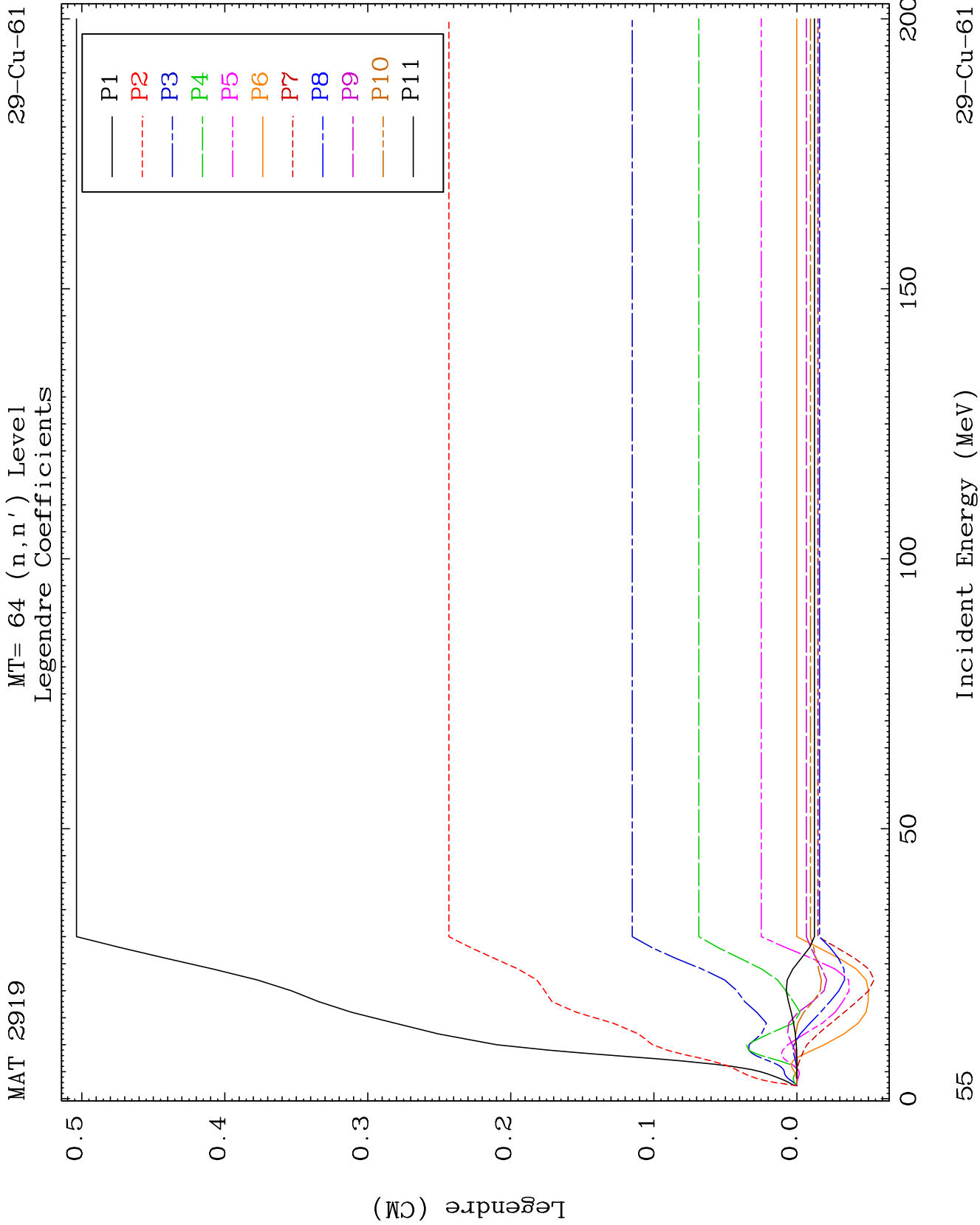
Incident Energy (MeV)

29-Cu-61

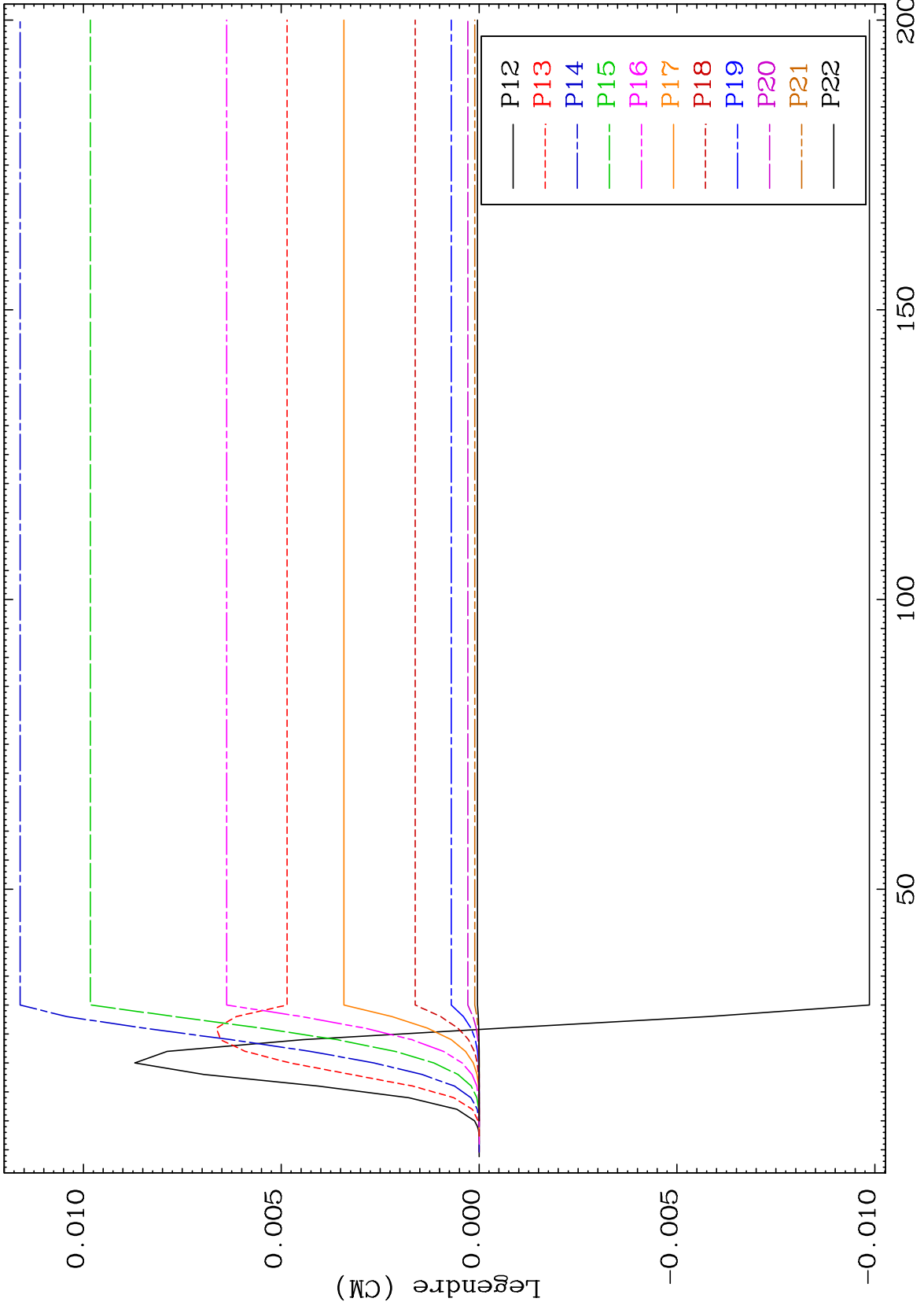
MAT 2919 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-61



54 Incident Energy (MeV) 200 29-Cu-61



MAT 2919 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-61

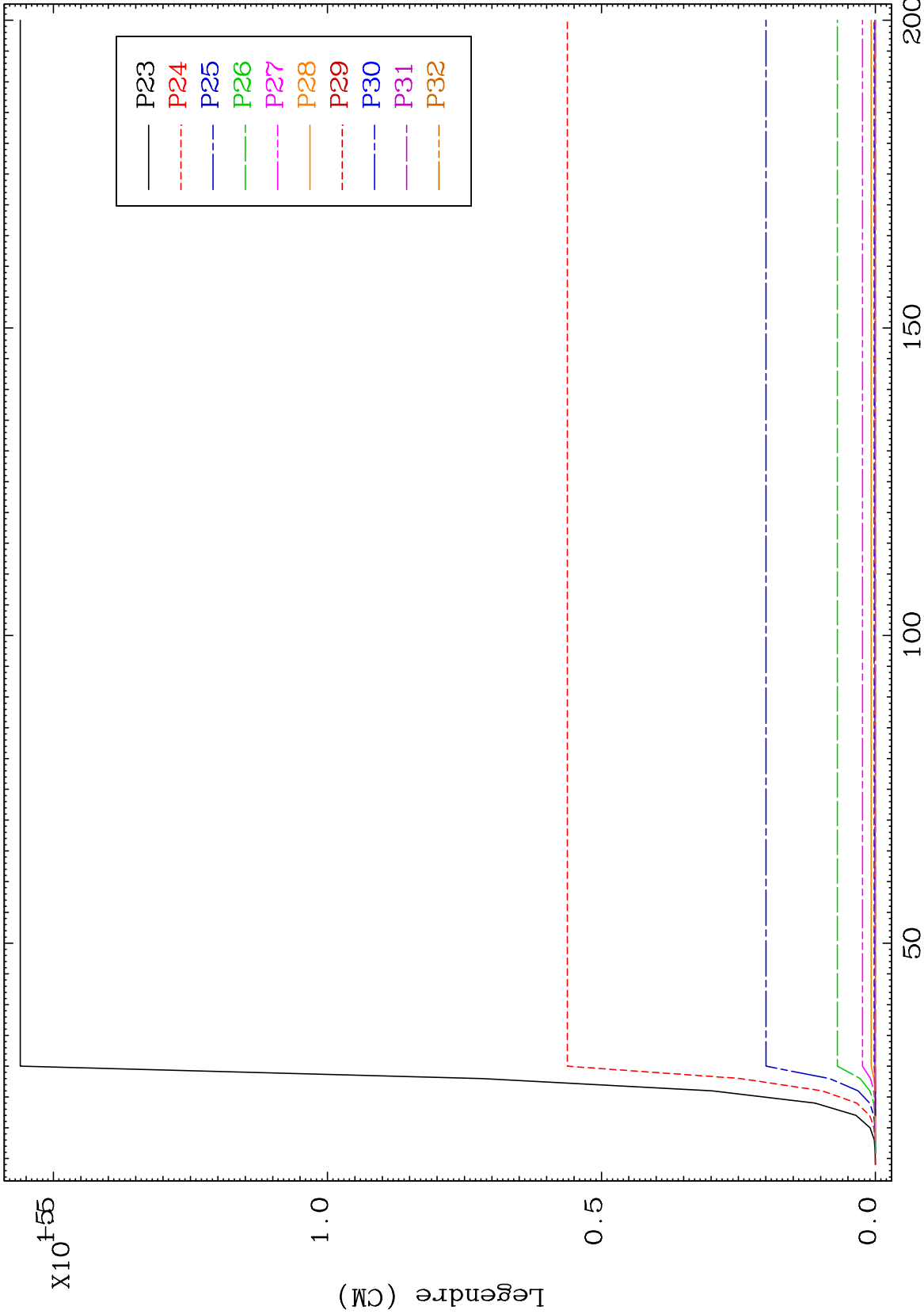


56 29-Cu-61

MAT 2919

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

29-Cu-61

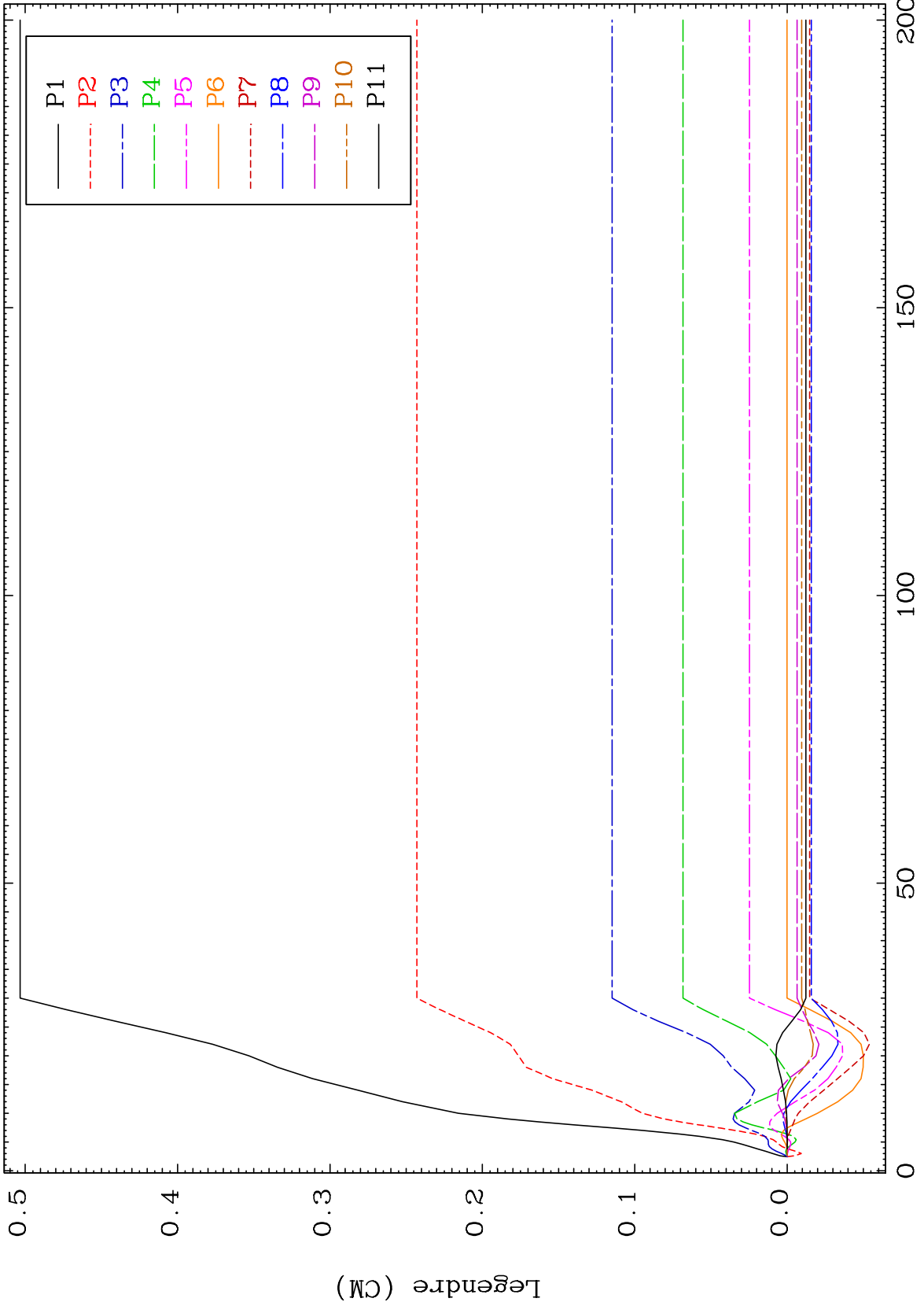


57

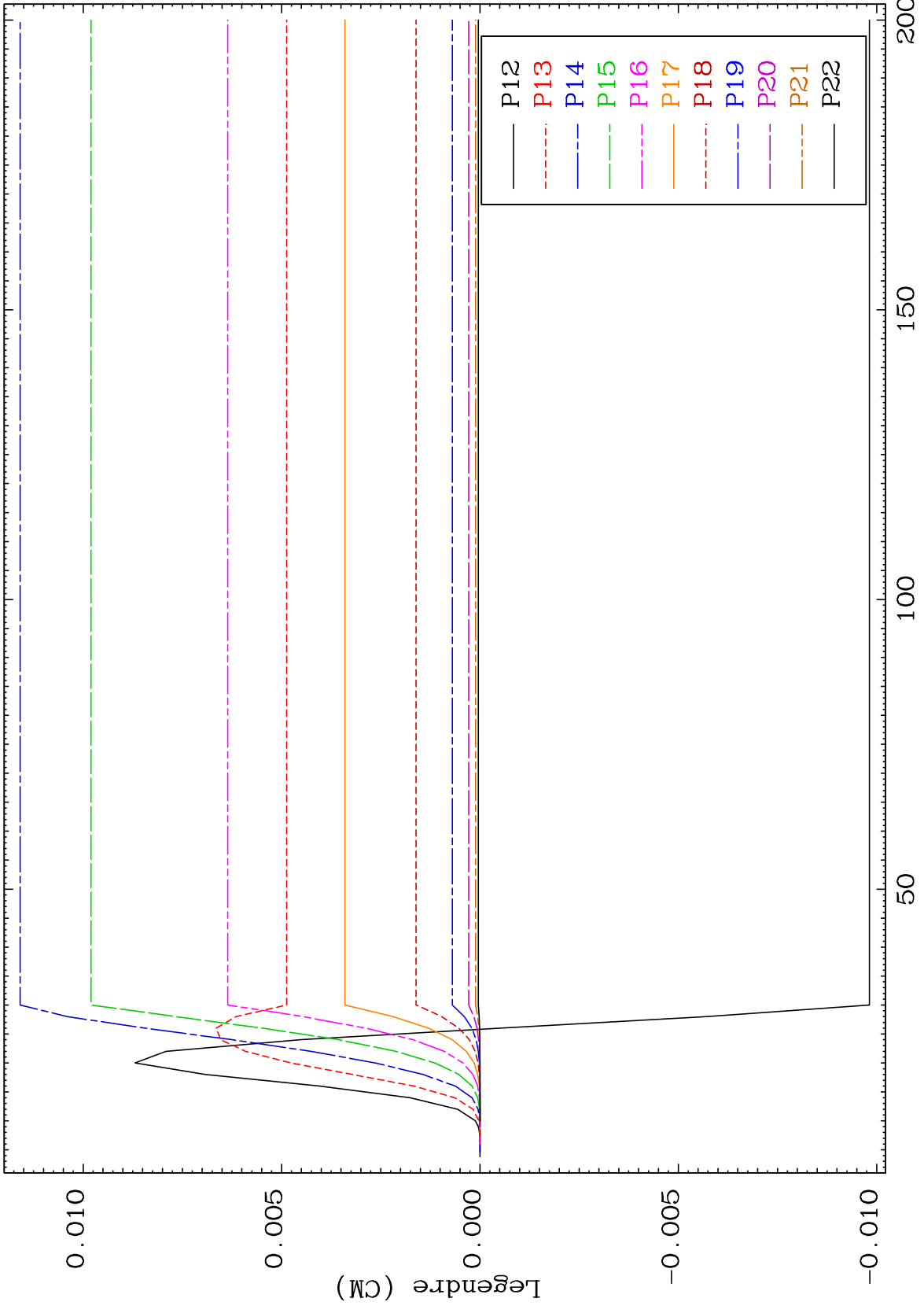
Incident Energy (MeV)

29-Cu-61

MAT 2919 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-61



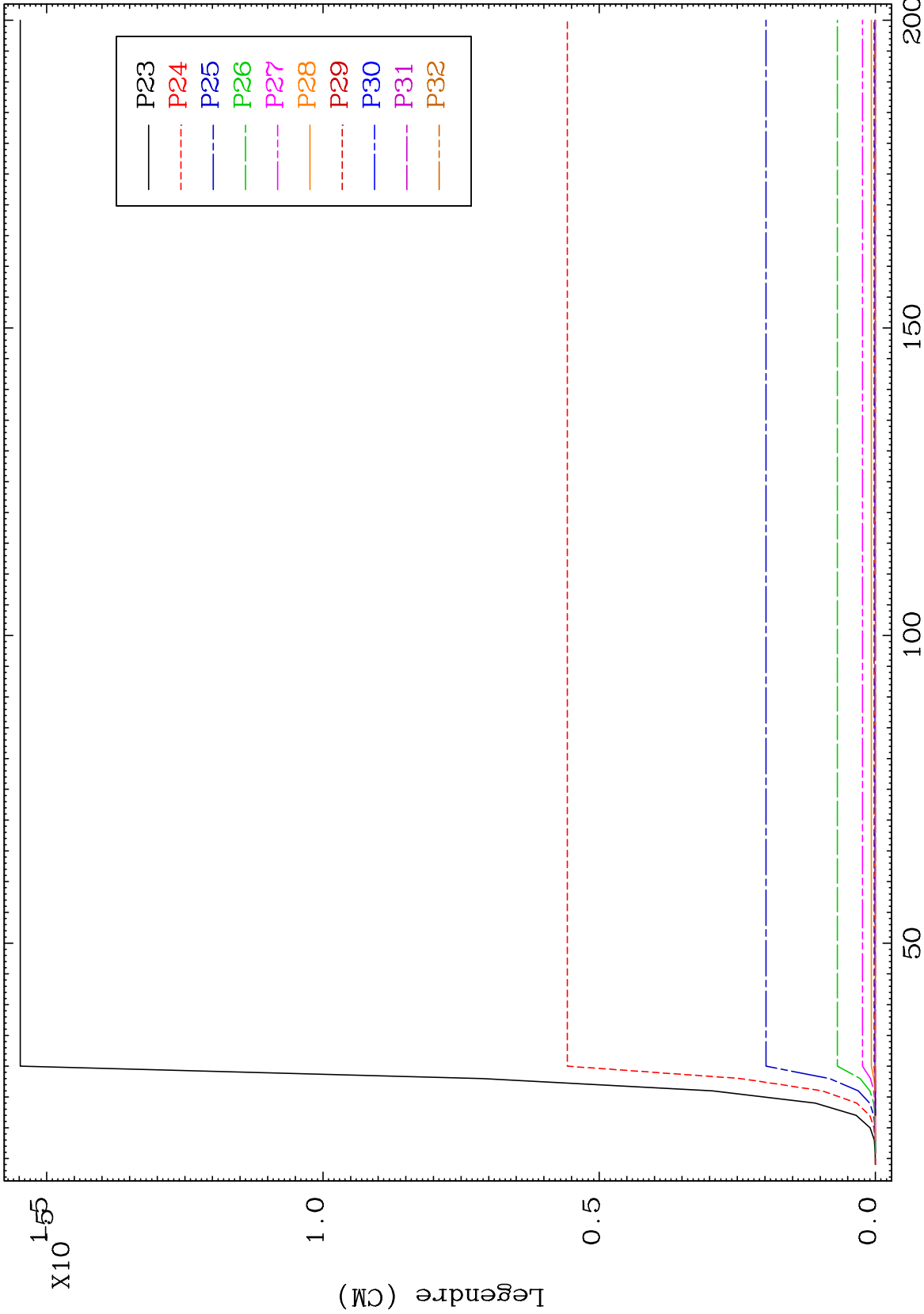
58 29-Cu-61



MAT 2919

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

29-Cu-61



60

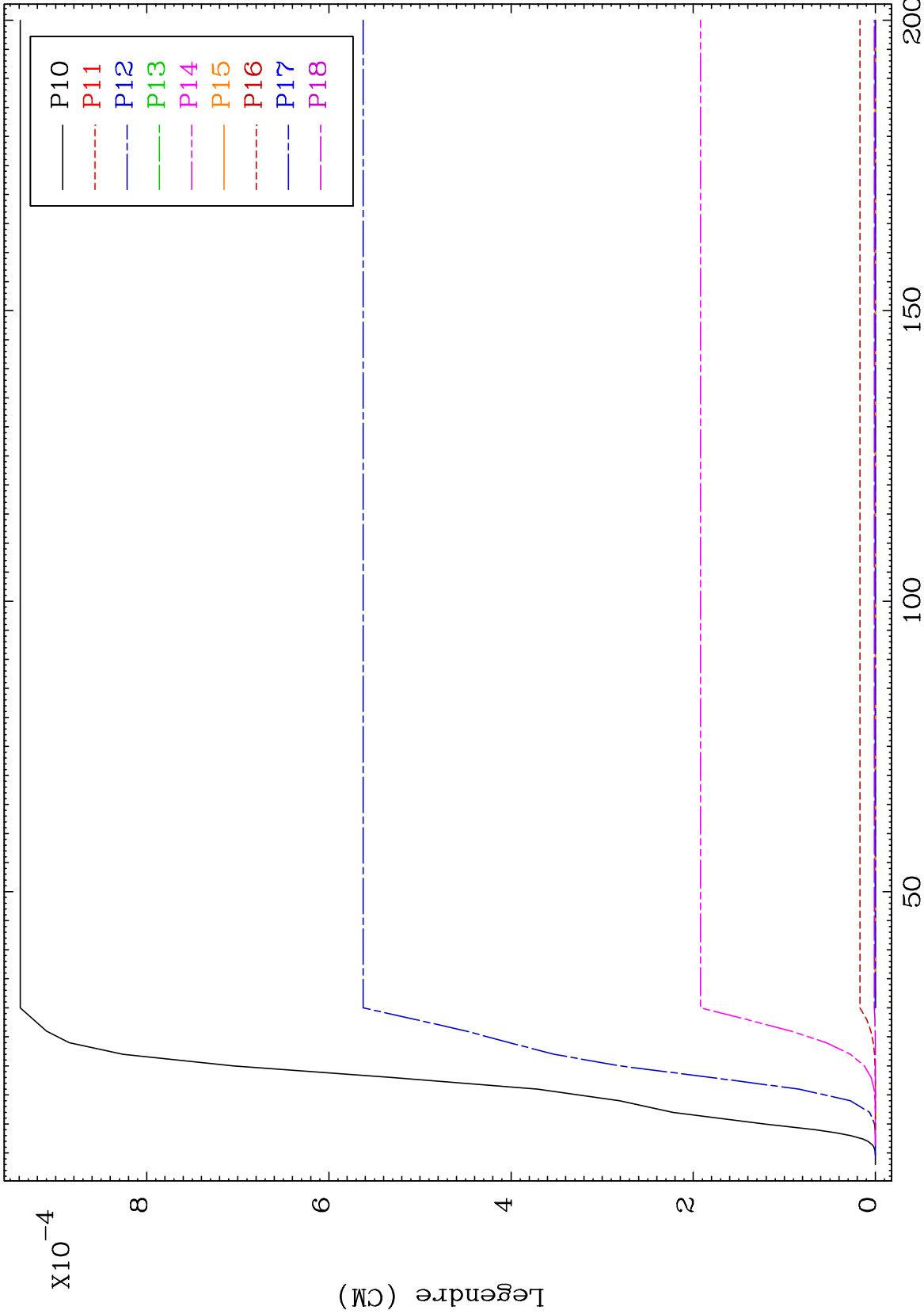
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

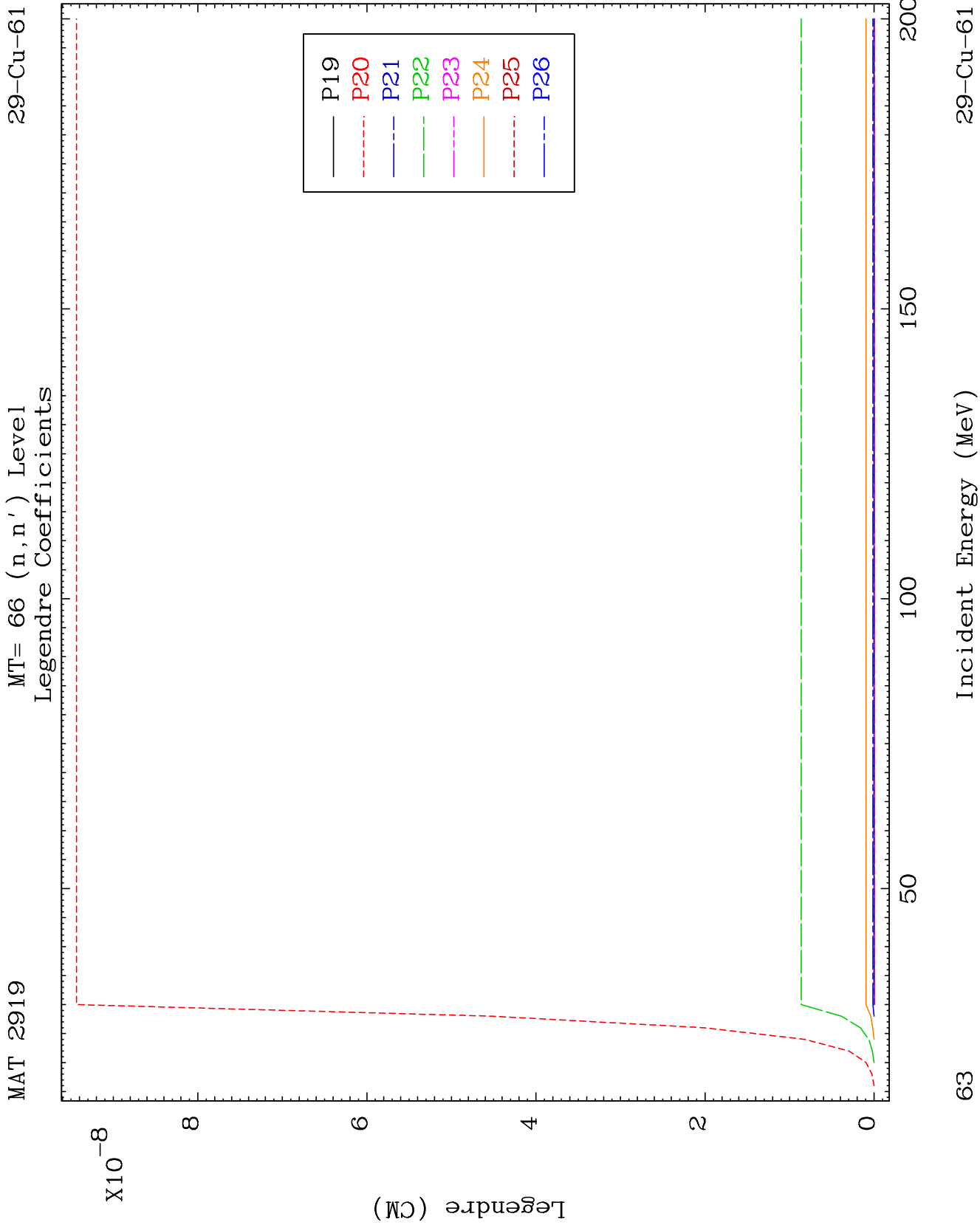
29-Cu-61

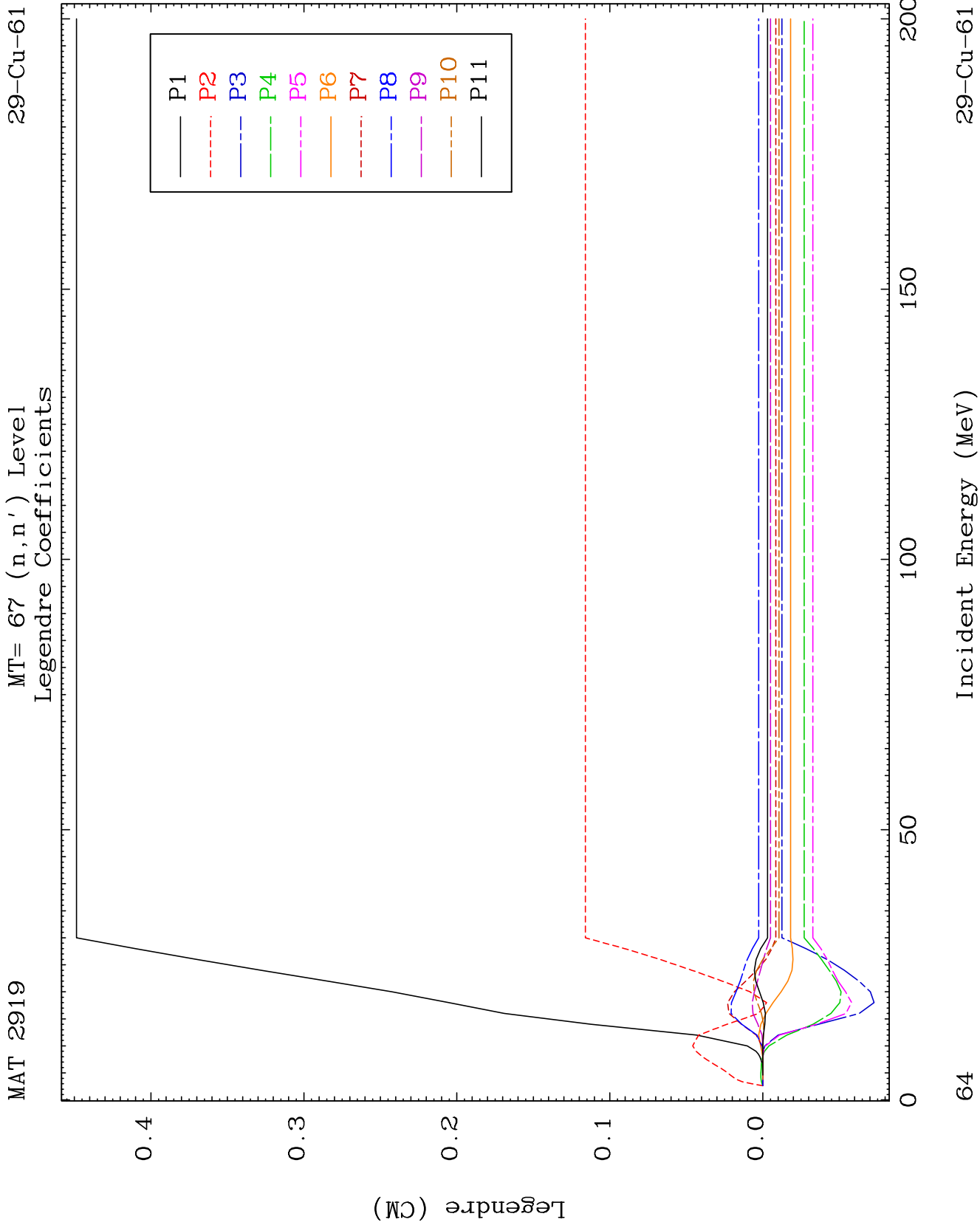


62

Incident Energy (MeV)

29-Cu-61

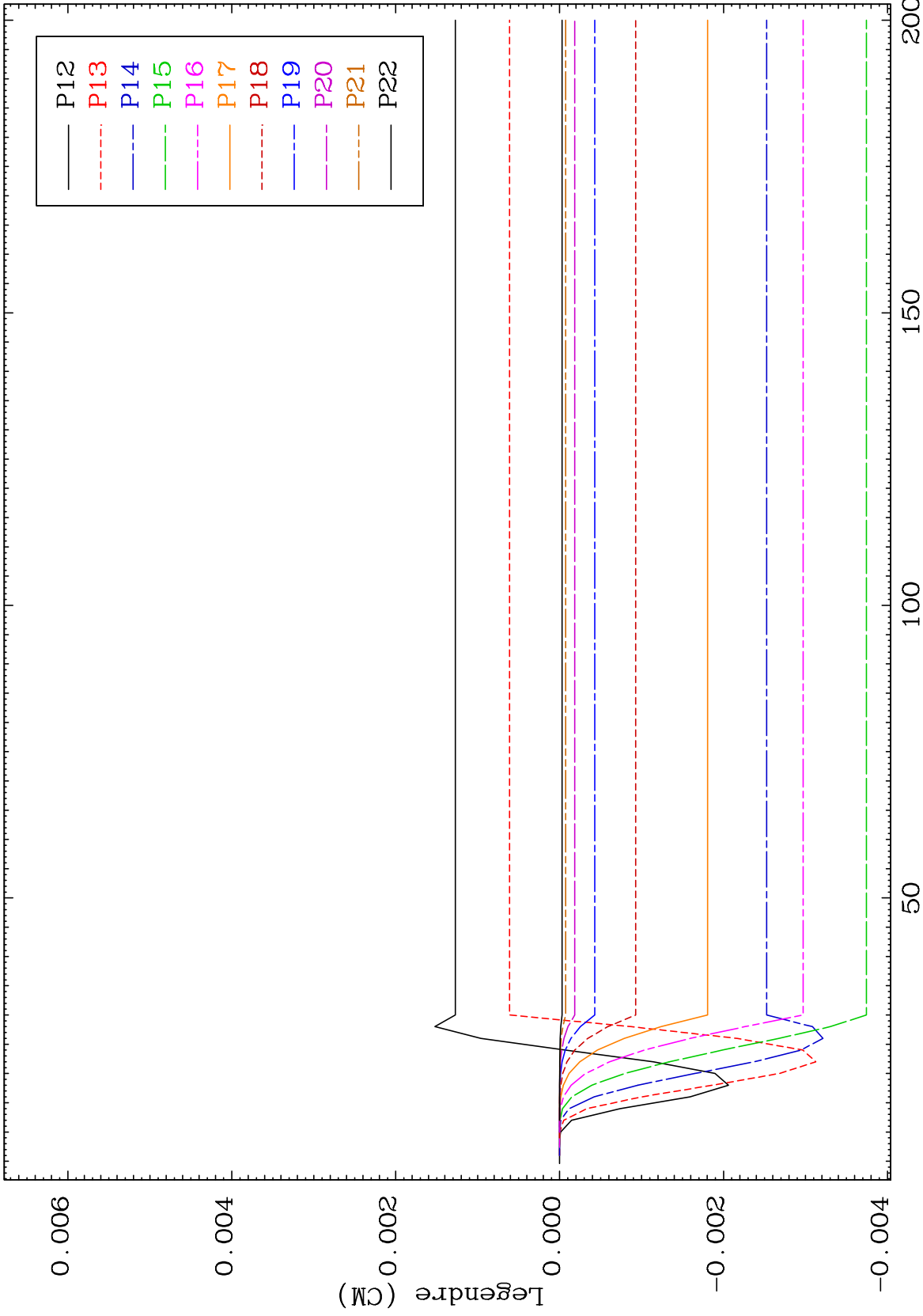




MAT 2919

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

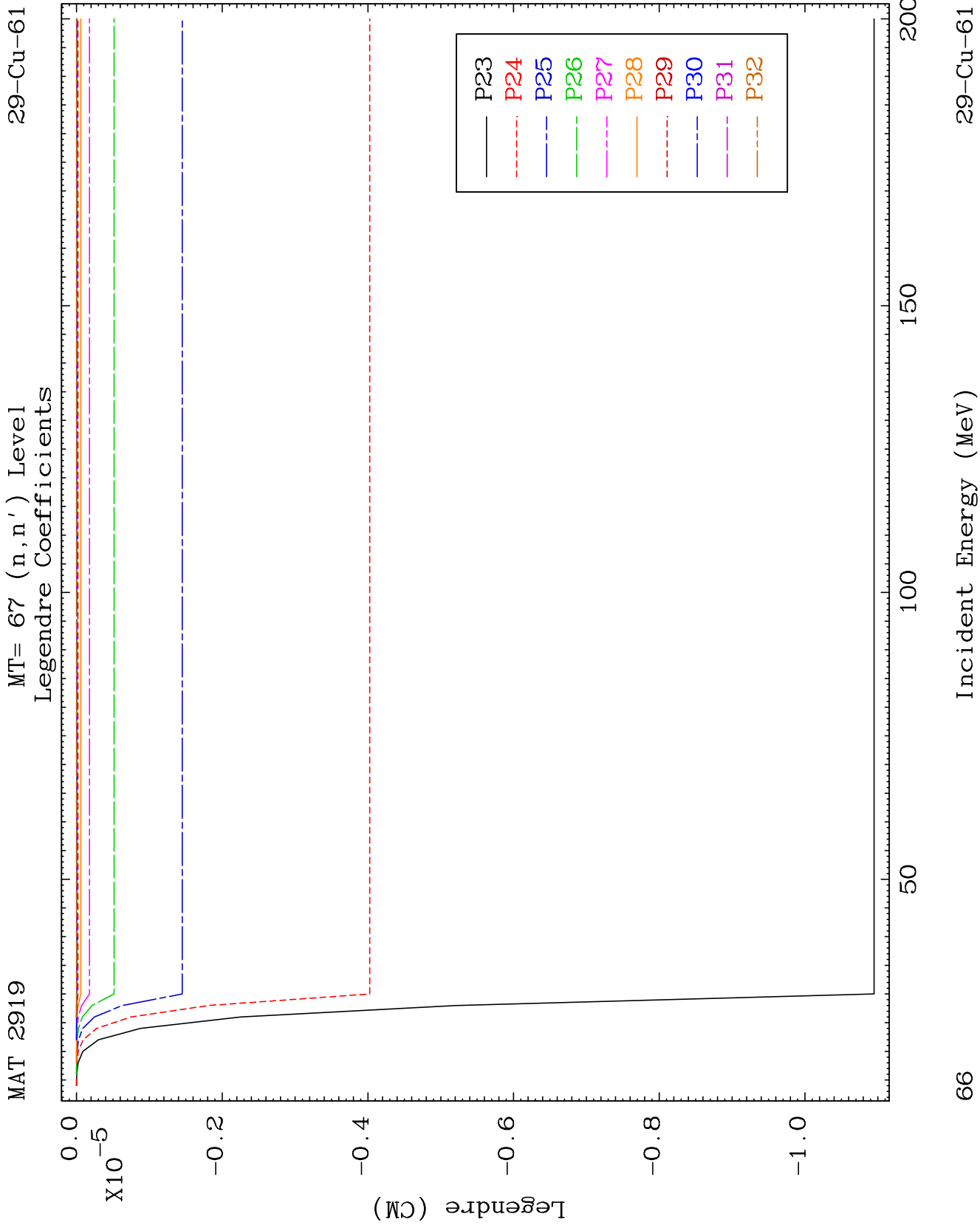
29-Cu-61



65

Incident Energy (MeV)

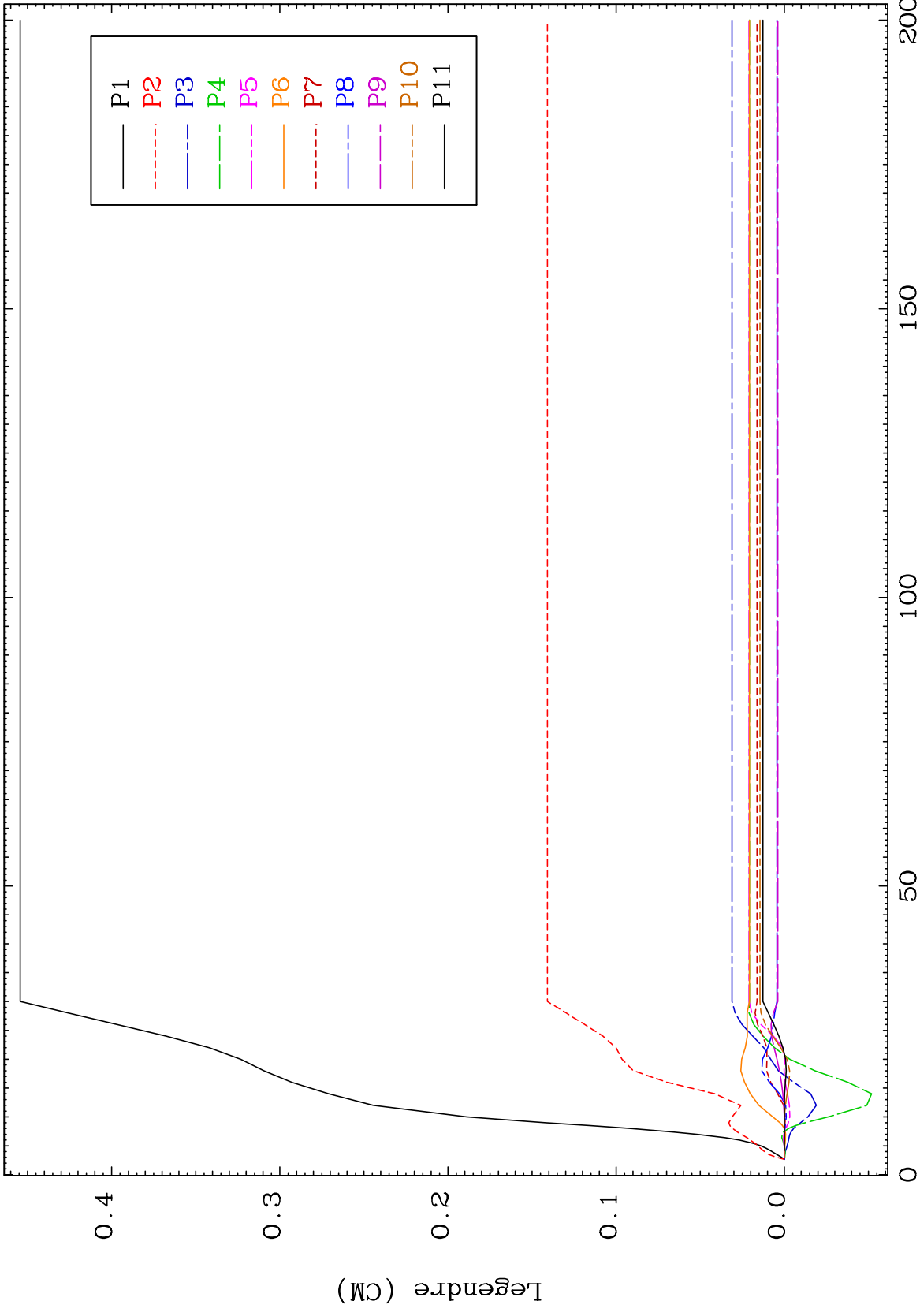
29-Cu-61



MAT 2919

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

29-Cu-61



67

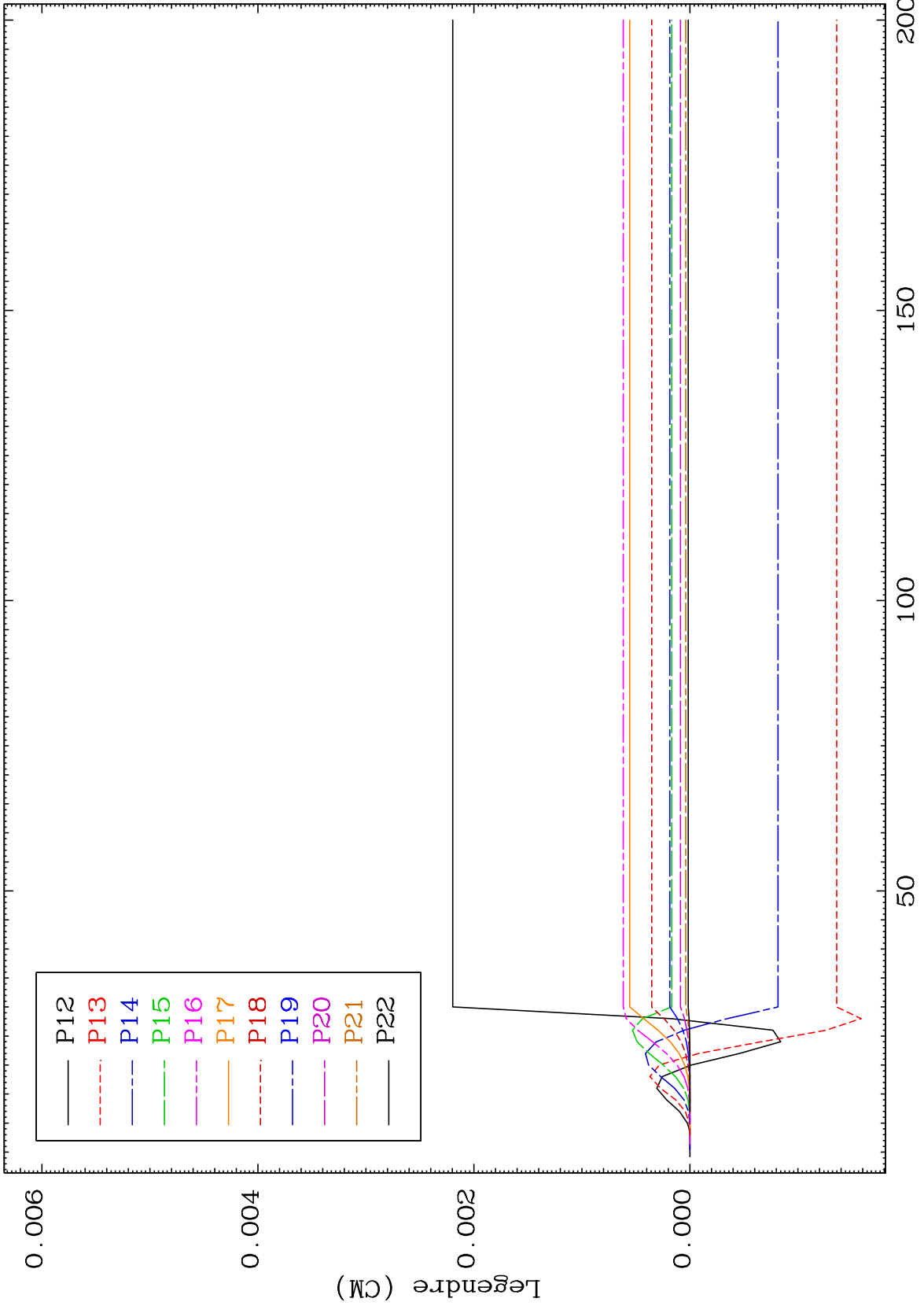
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

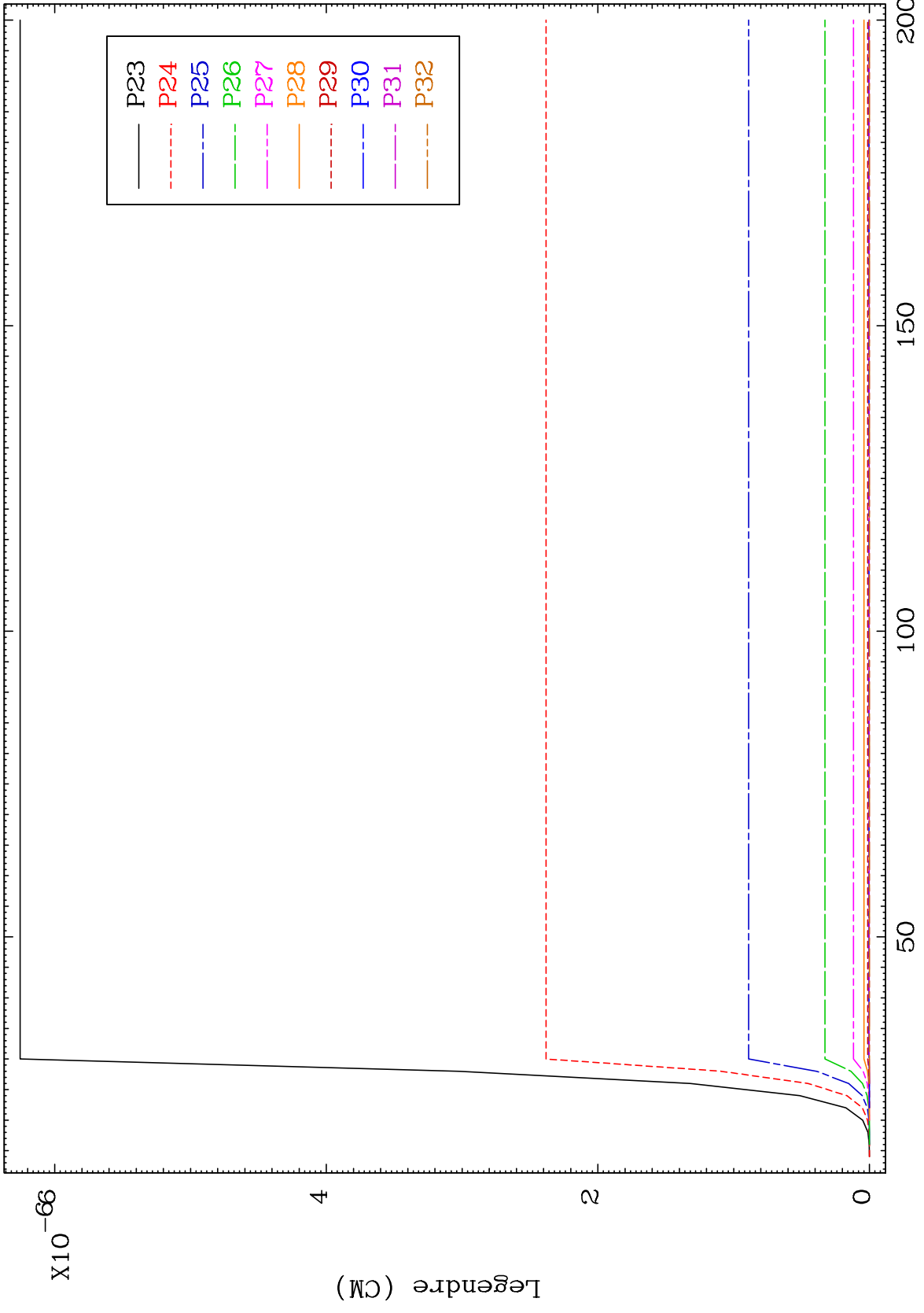
29-Cu-61



68

29-Cu-61

MAT 2919 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-61

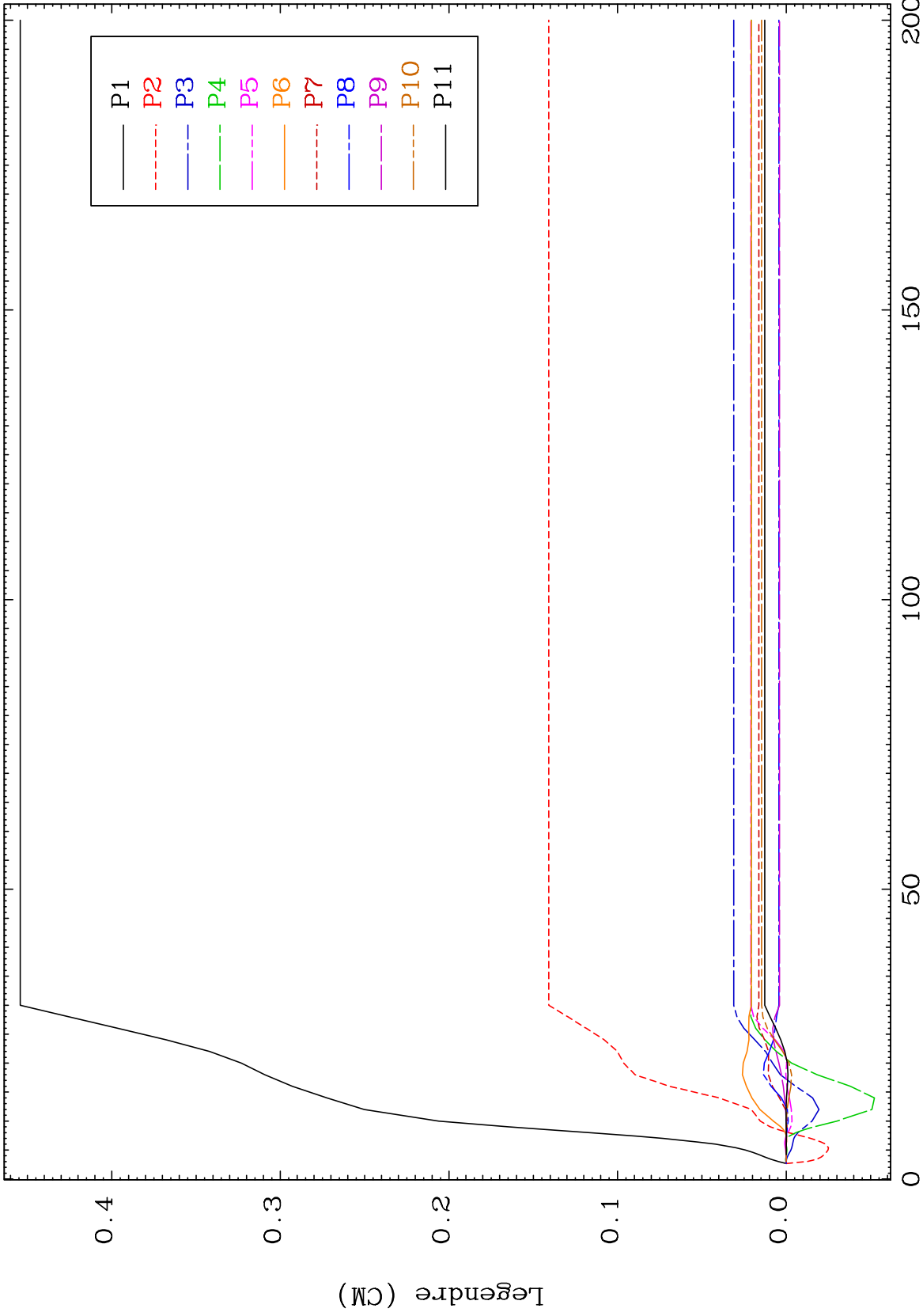


69 29-Cu-61

MAT 2919

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

29-Cu-61



29-Cu-61

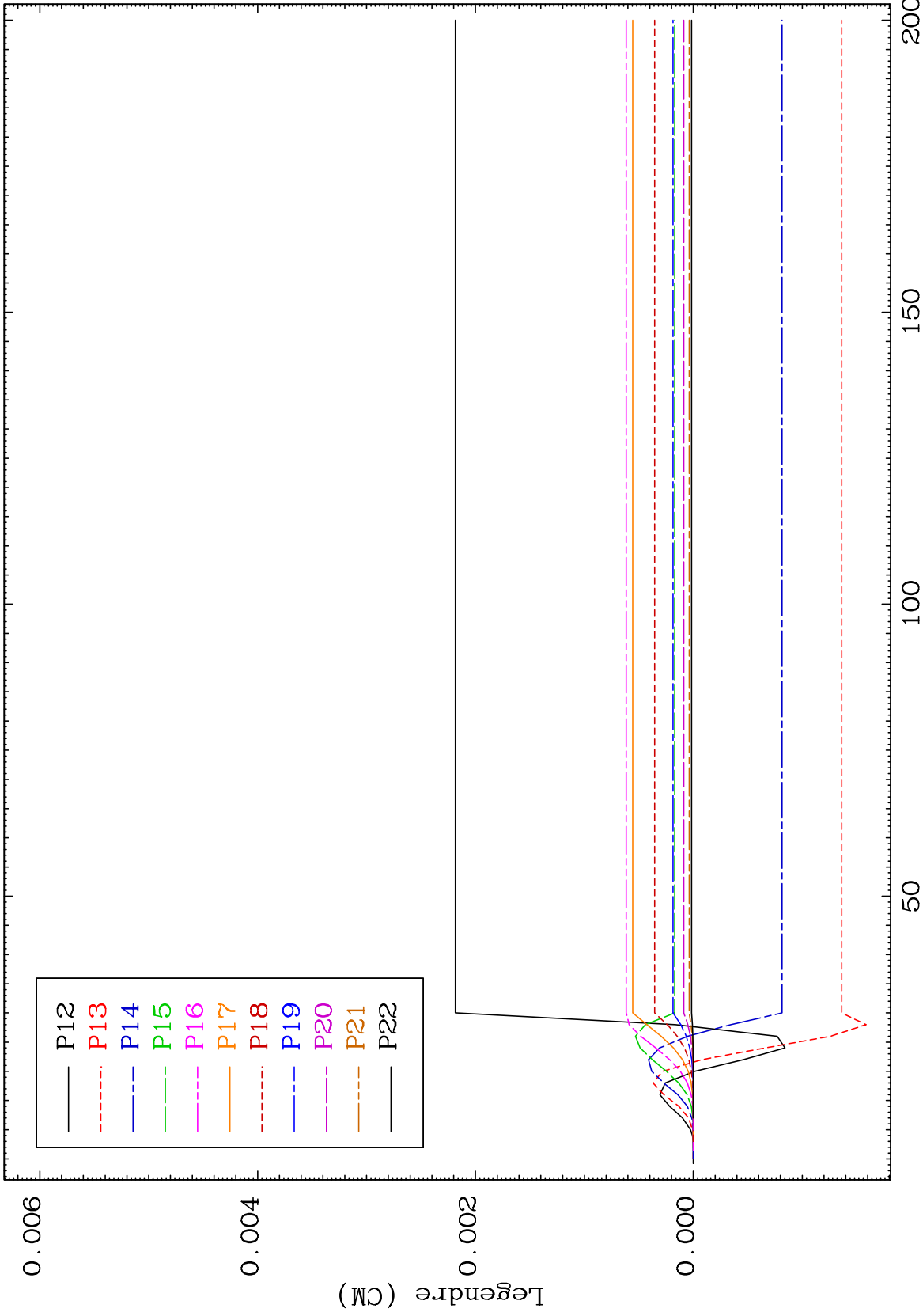
Incident Energy (MeV)

70

MAT 2919

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

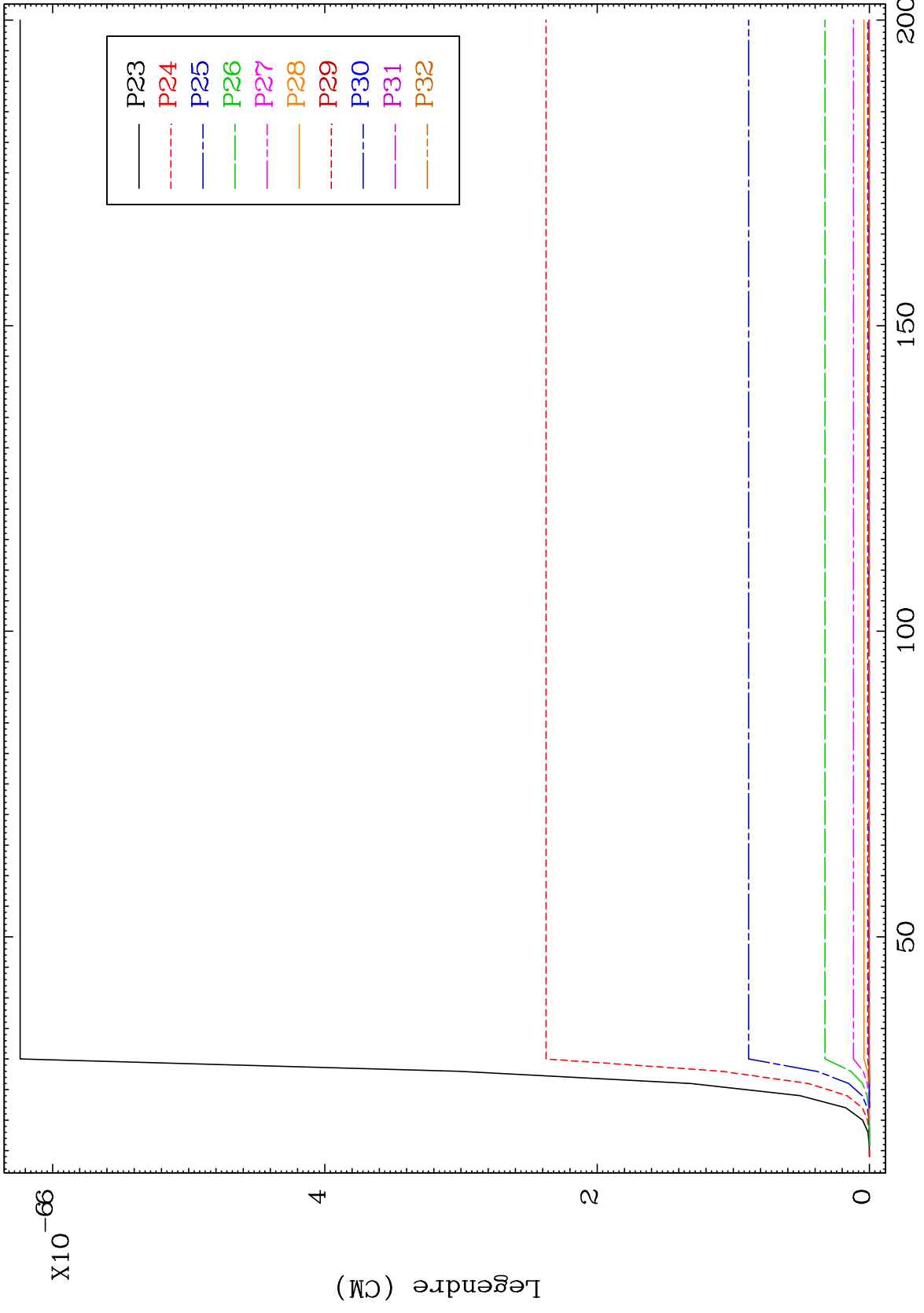
29-Cu-61



71

29-Cu-61

MAT 2919 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-61

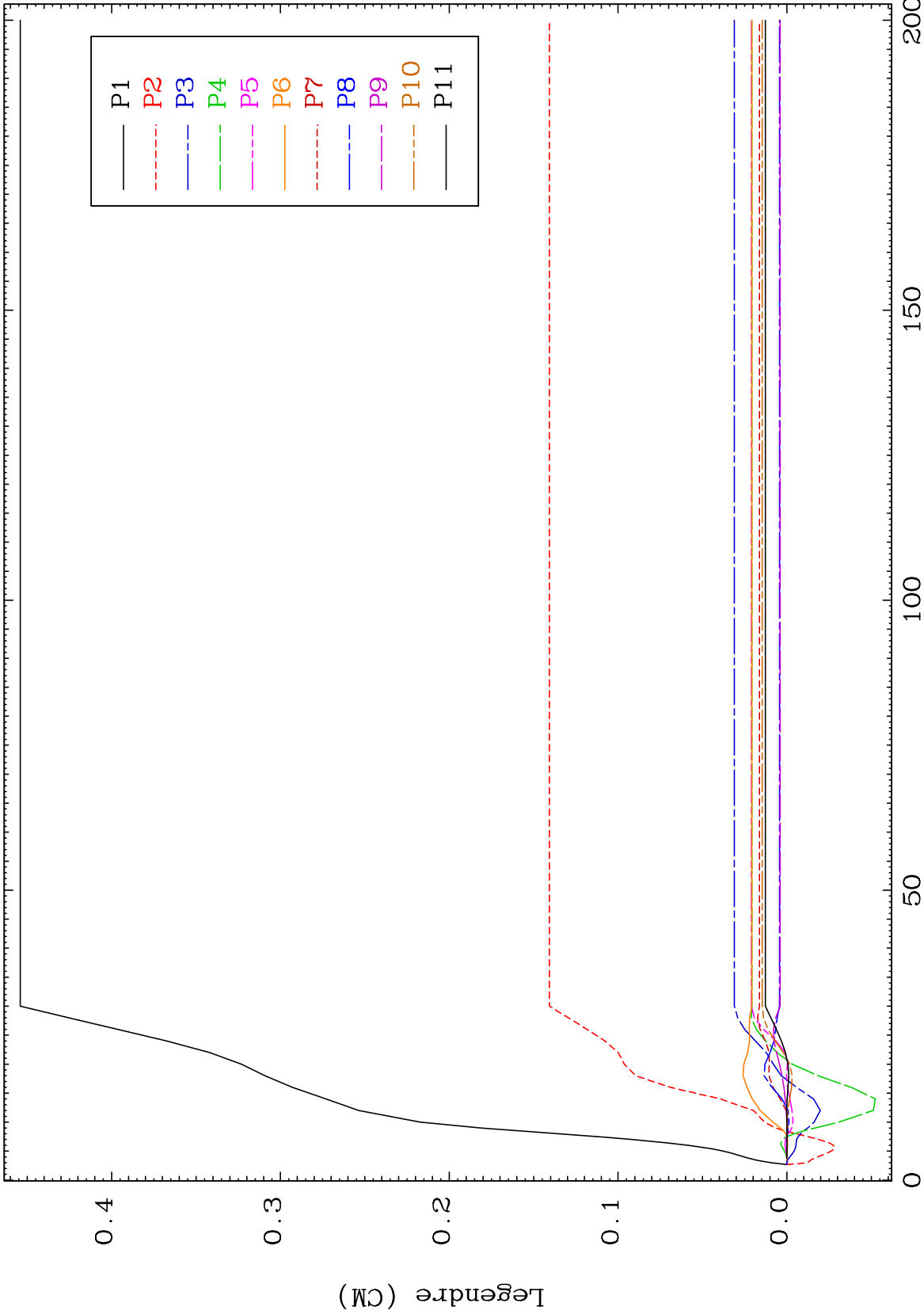


72 29-Cu-61

MAT 2919

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

29-Cu-61



73

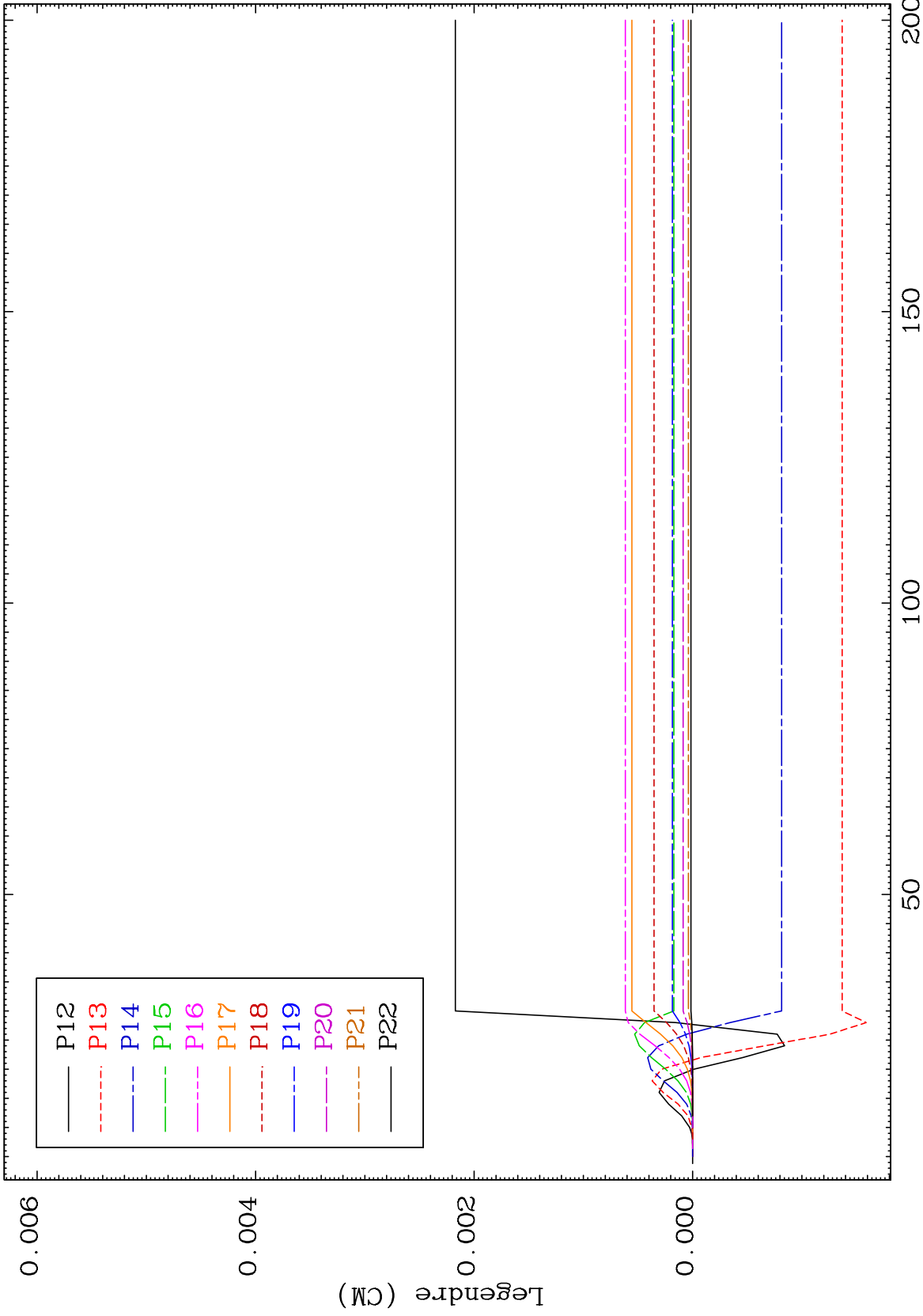
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

29-Cu-61

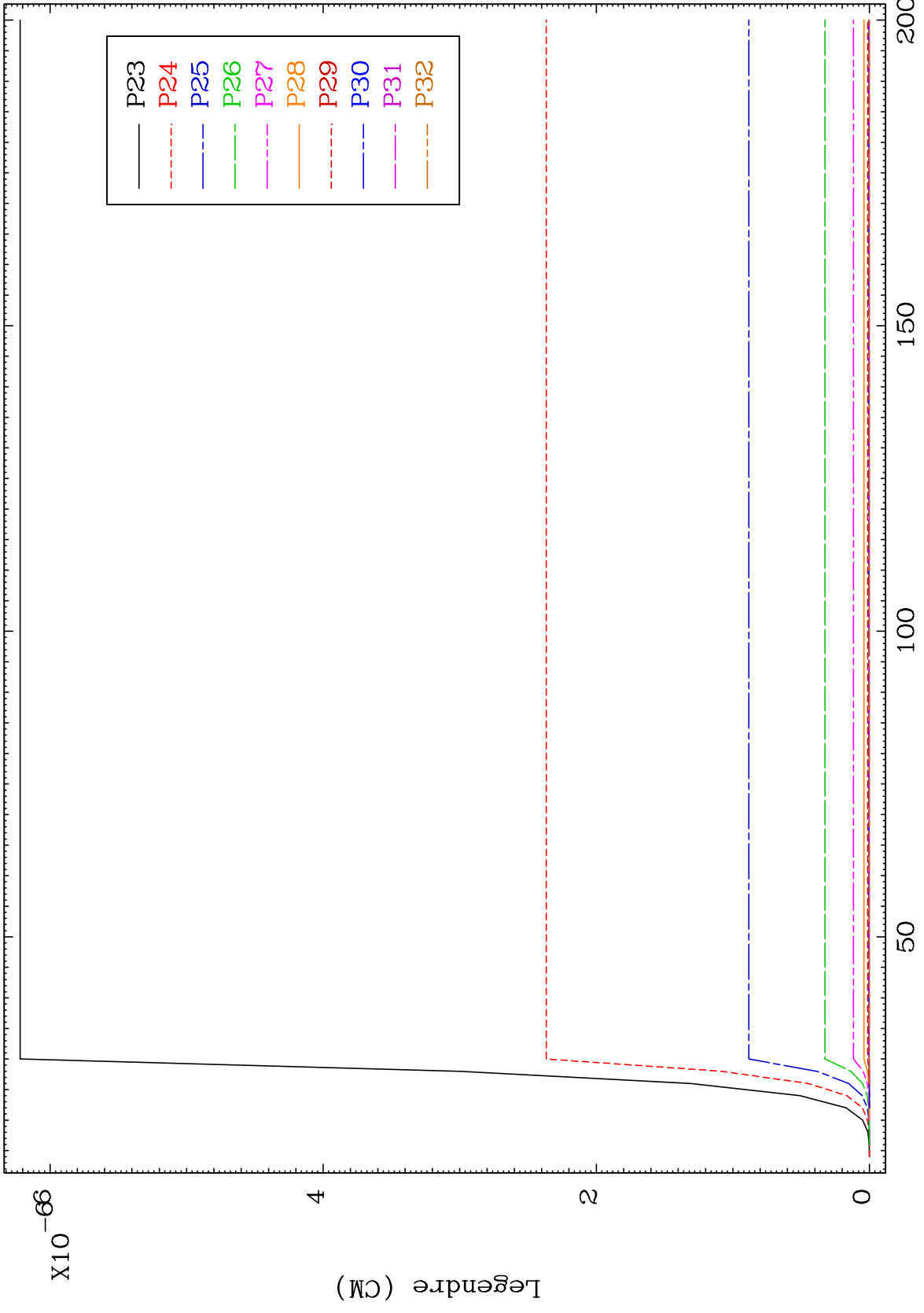


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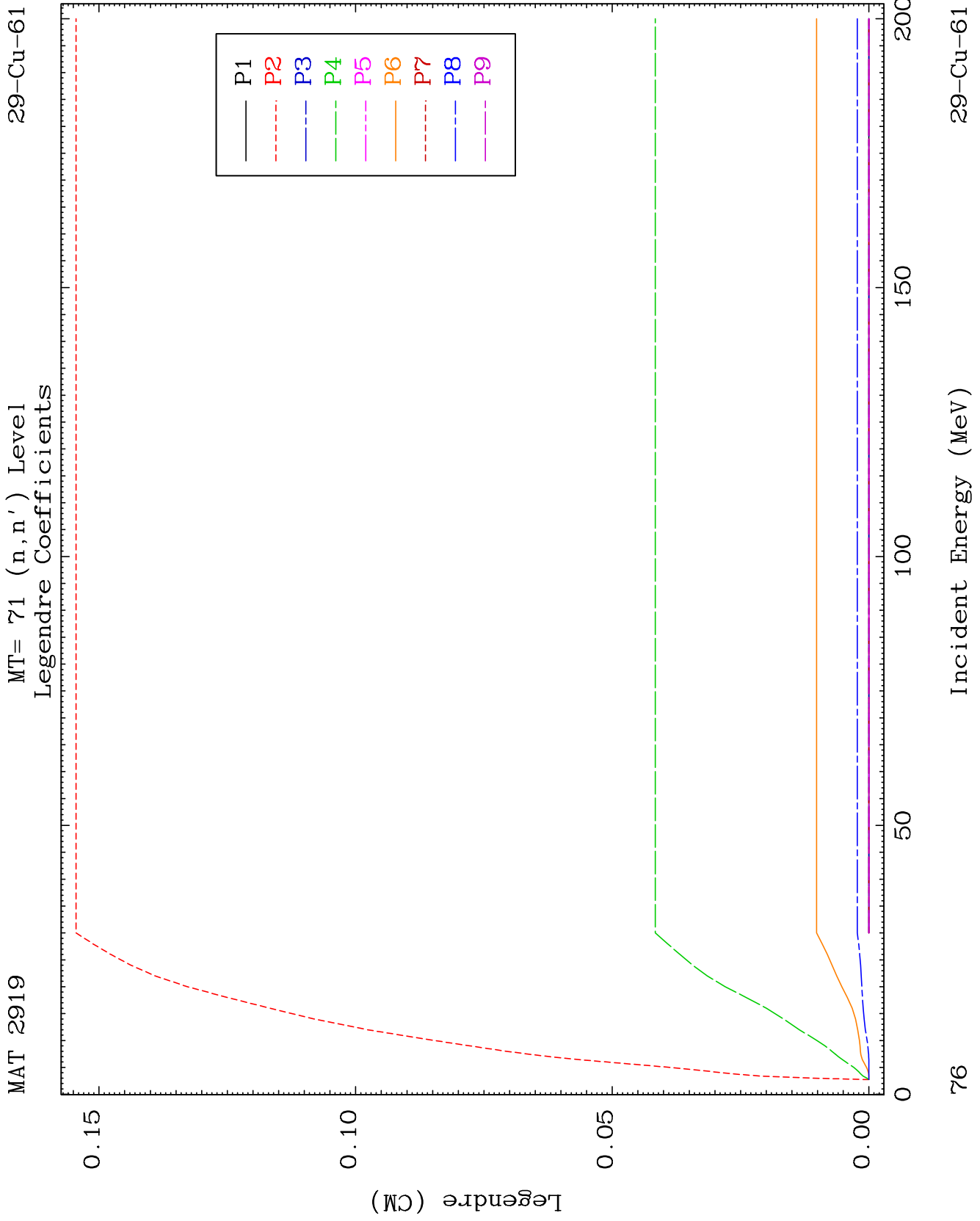
Incident Energy (MeV)

29-Cu-61

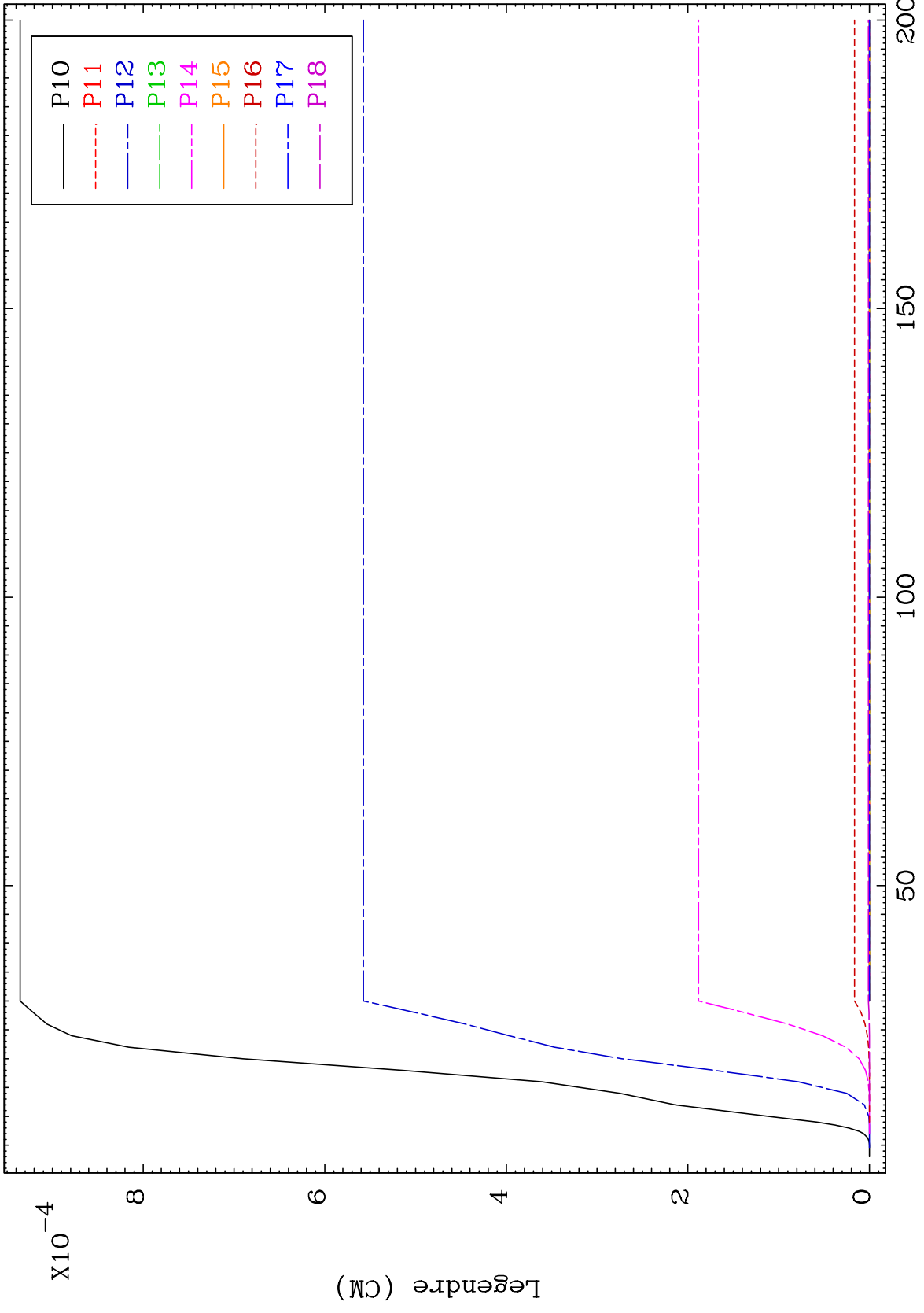
MAT 2919 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-61



75 Incident Energy (MeV) 29-Cu-61

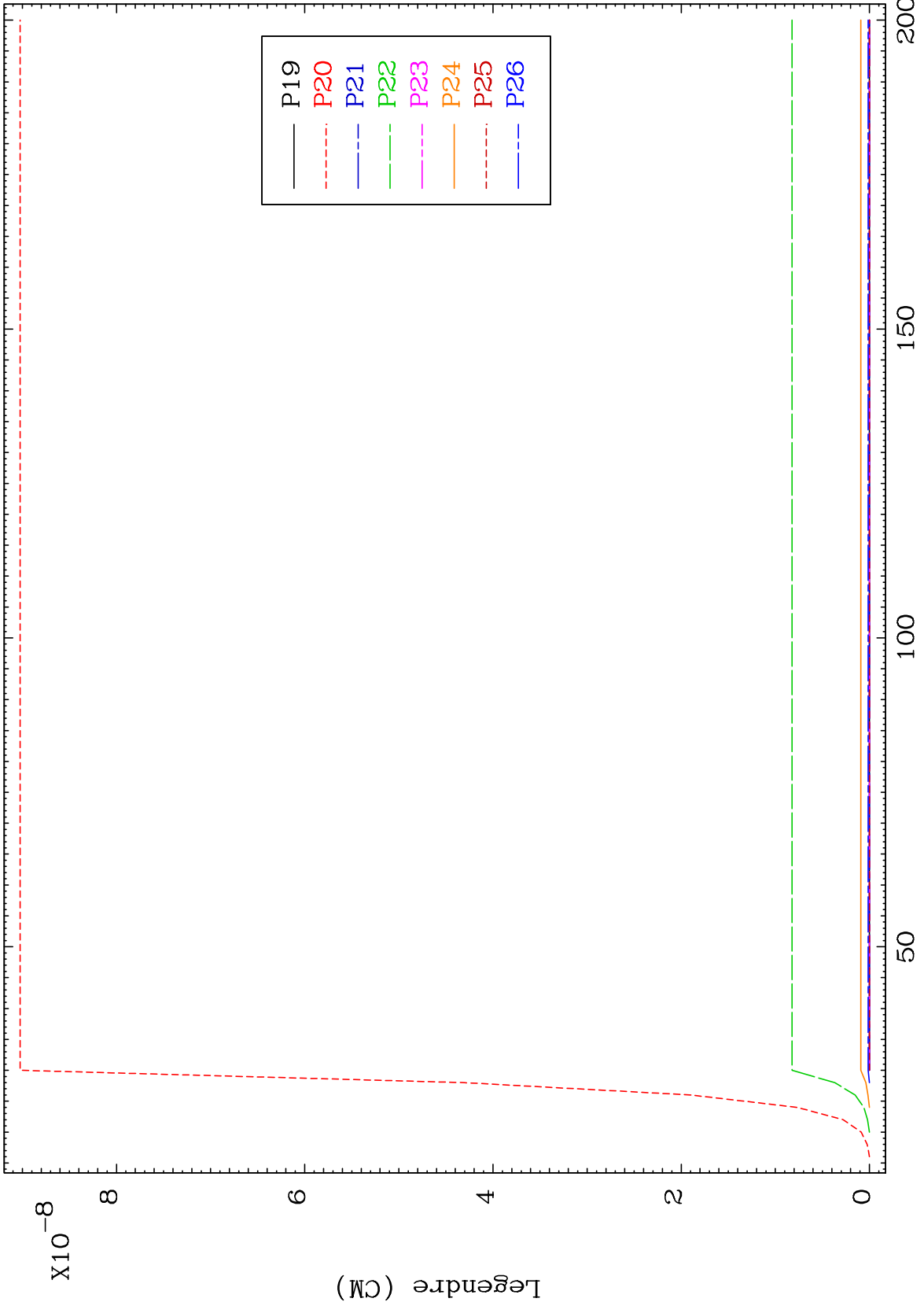


MAT 2919 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-61



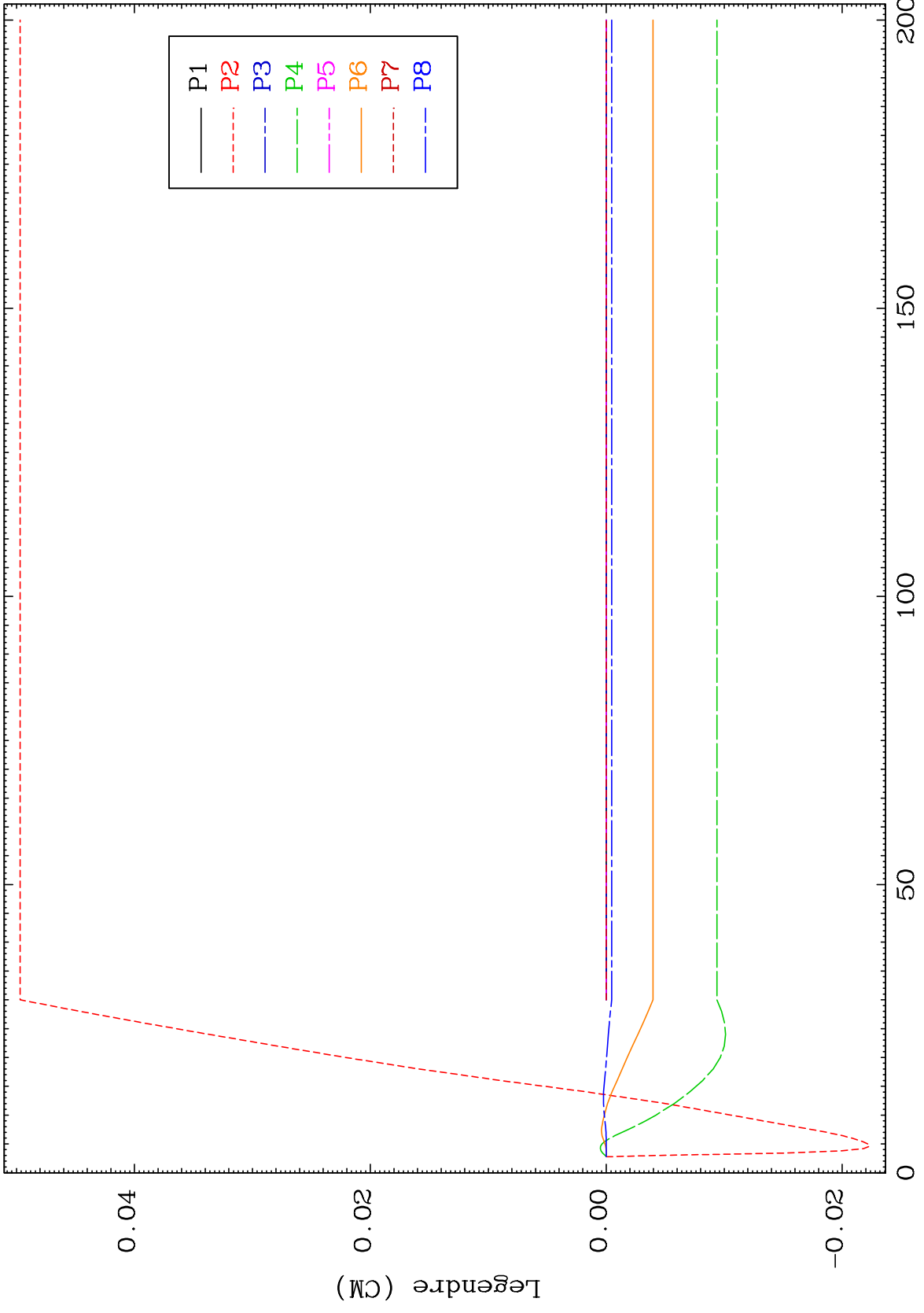
77 29-Cu-61

MAT 2919 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-61



78 200 29-Cu-61

MAT 2919 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-61

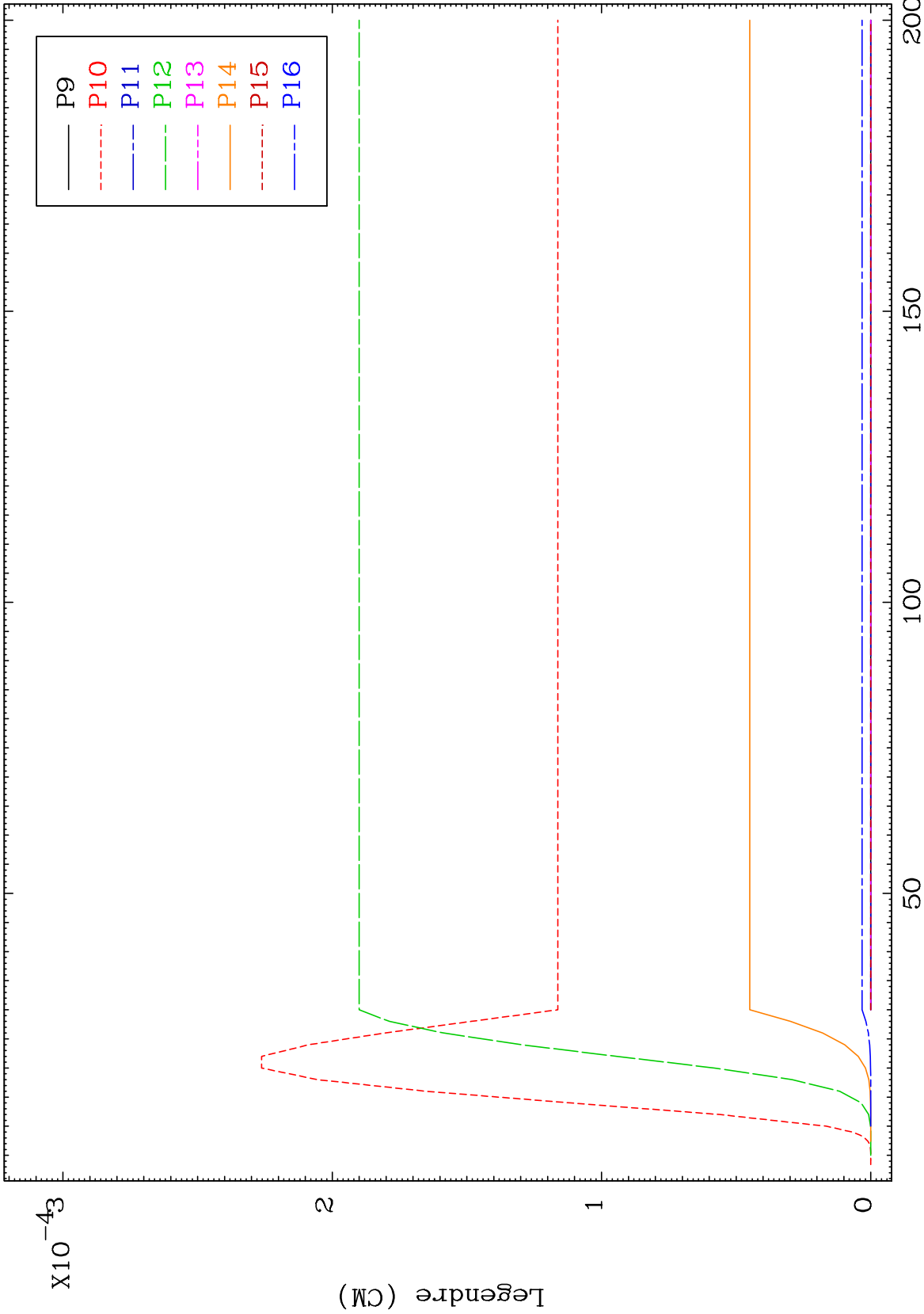


79 29-Cu-61

MAT 2919

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

29-Cu-61



29-Cu-61

Incident Energy (MeV)

80

50

100

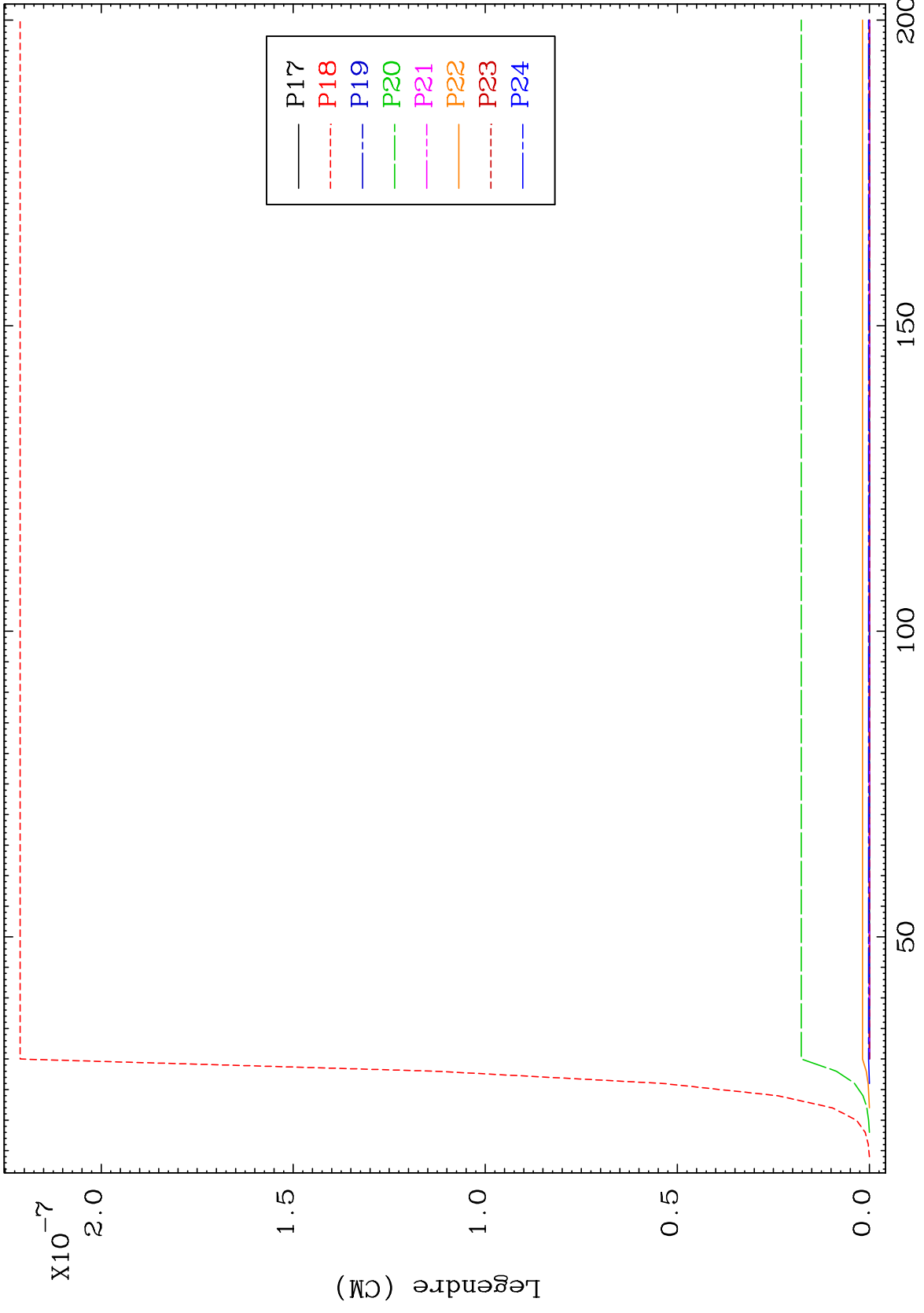
150

200

X10⁻⁴³

Legendre (CM)

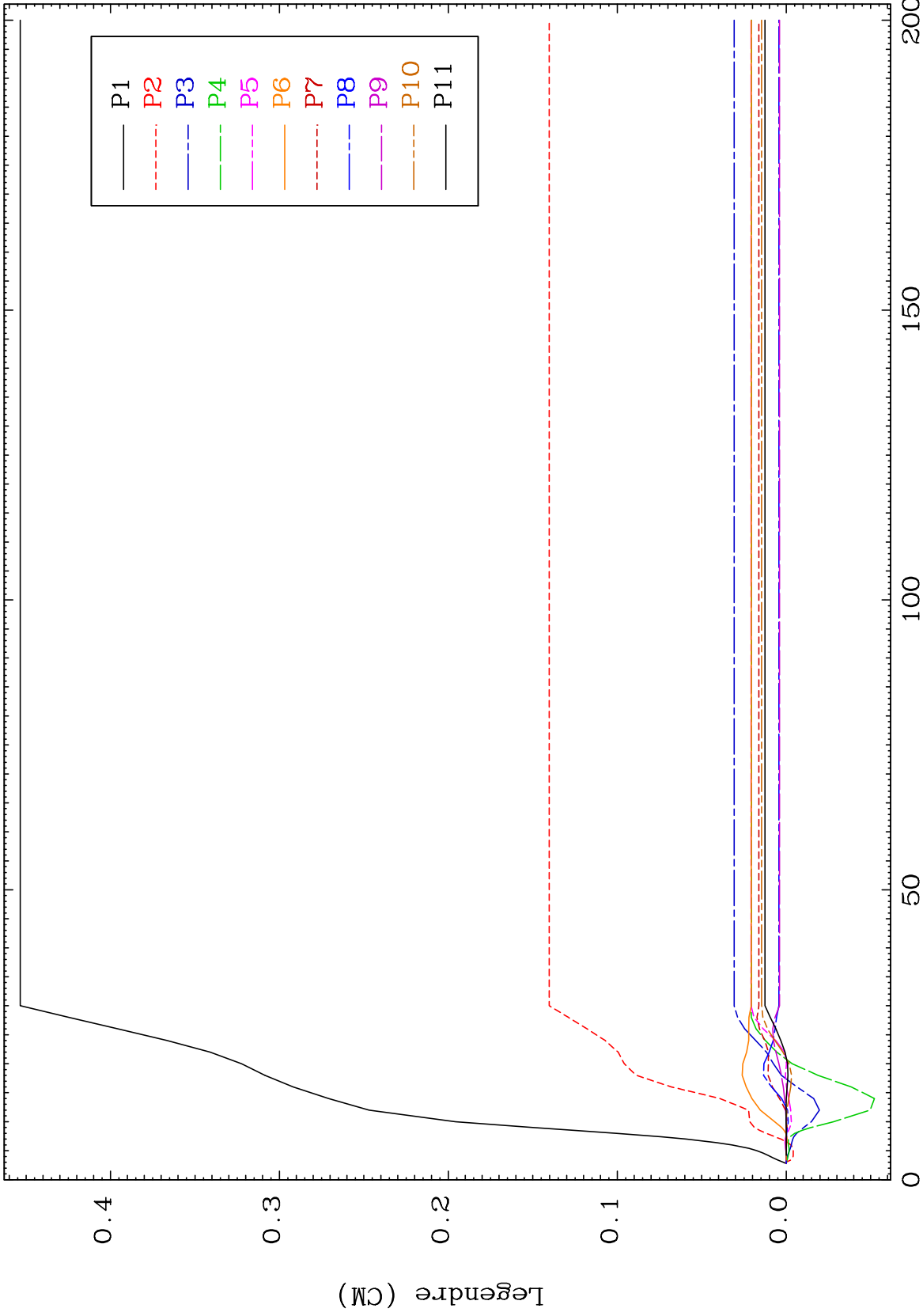
MAT 2919 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-61



MAT 2919

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

29-Cu-61

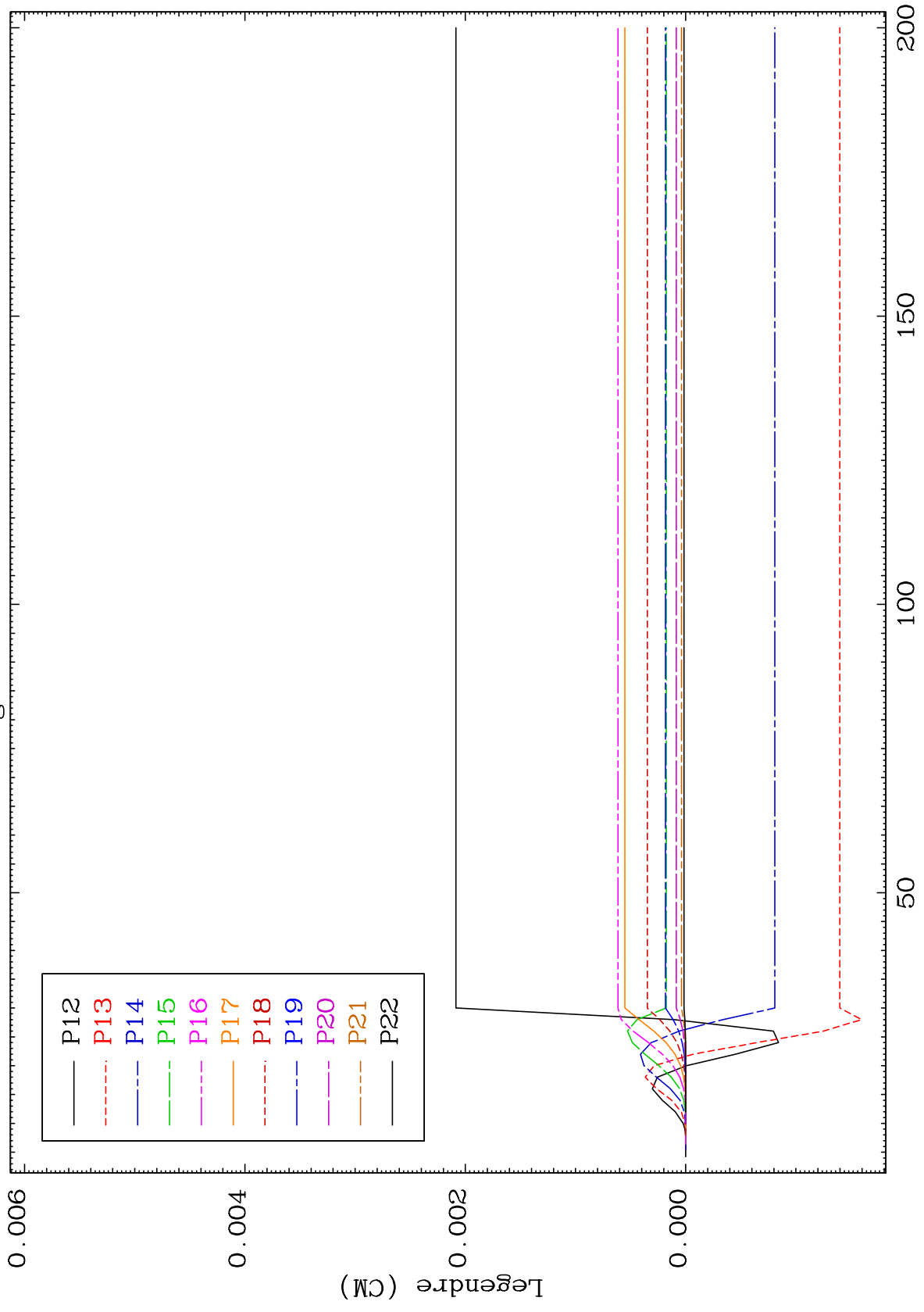


82

Incident Energy (MeV)

29-Cu-61

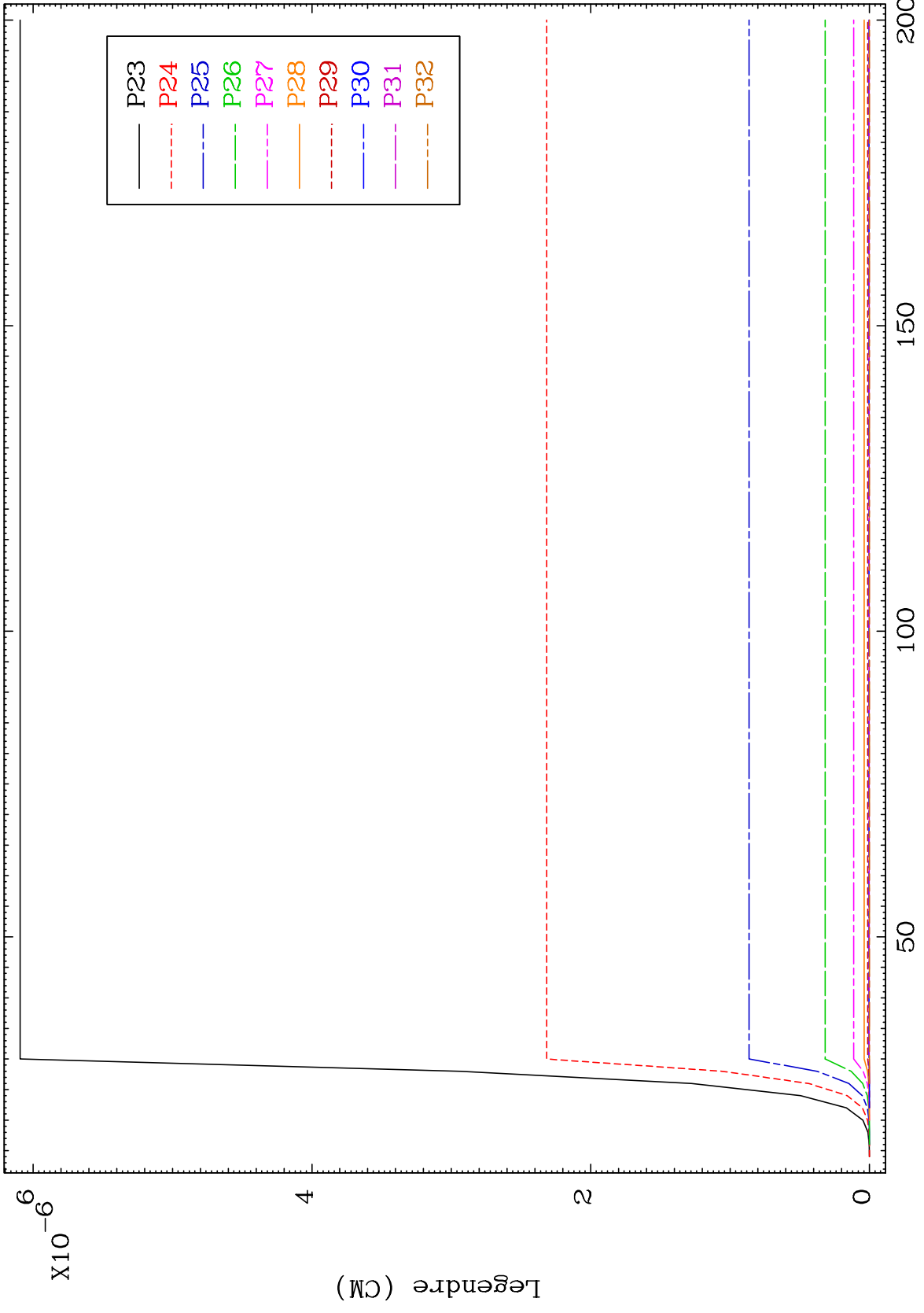
MAT 2919 MT= 73 (n,n') Level Legendre Coefficients 29-Cu-61



MAT 2919

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

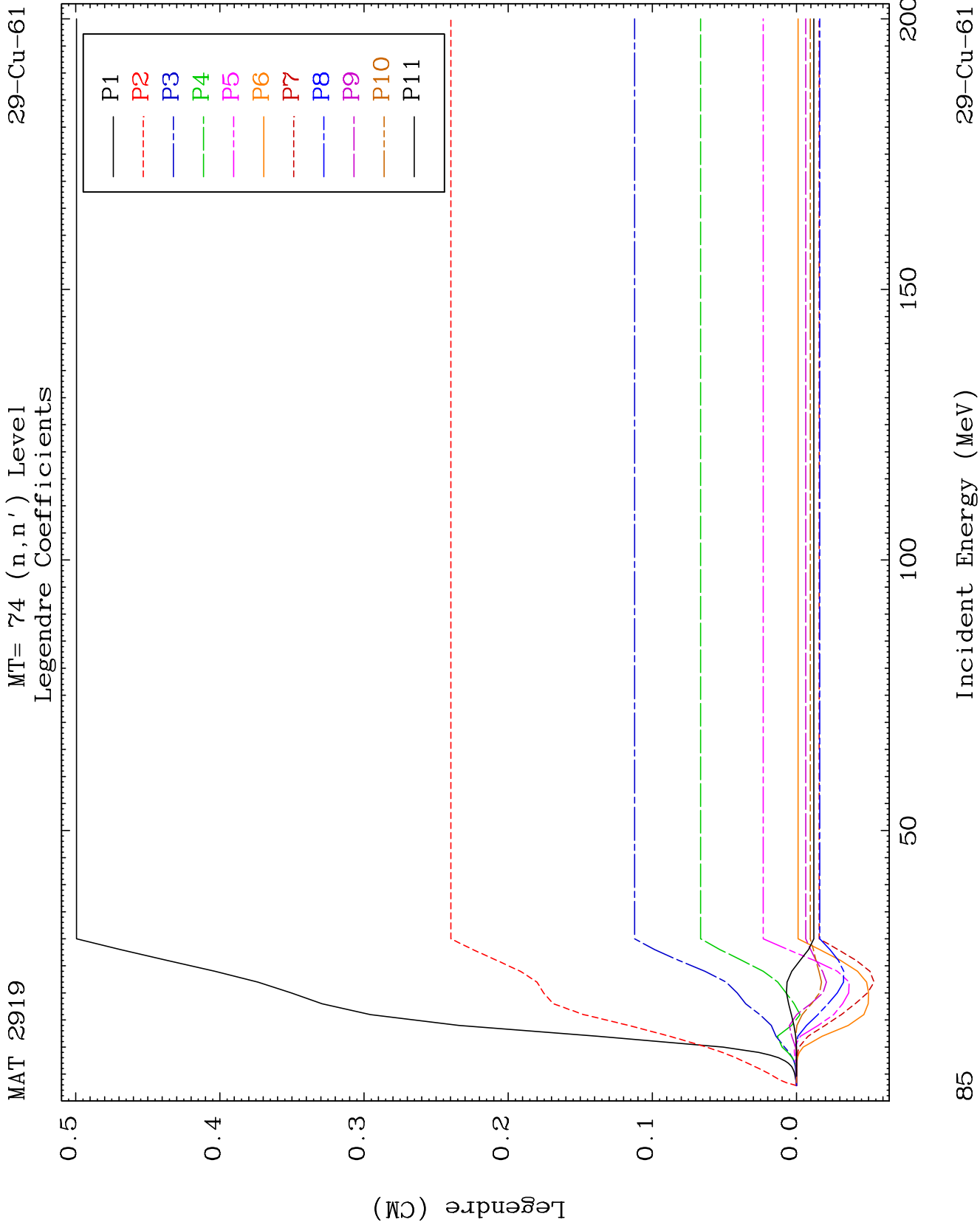
29-Cu-61



84

Incident Energy (MeV)

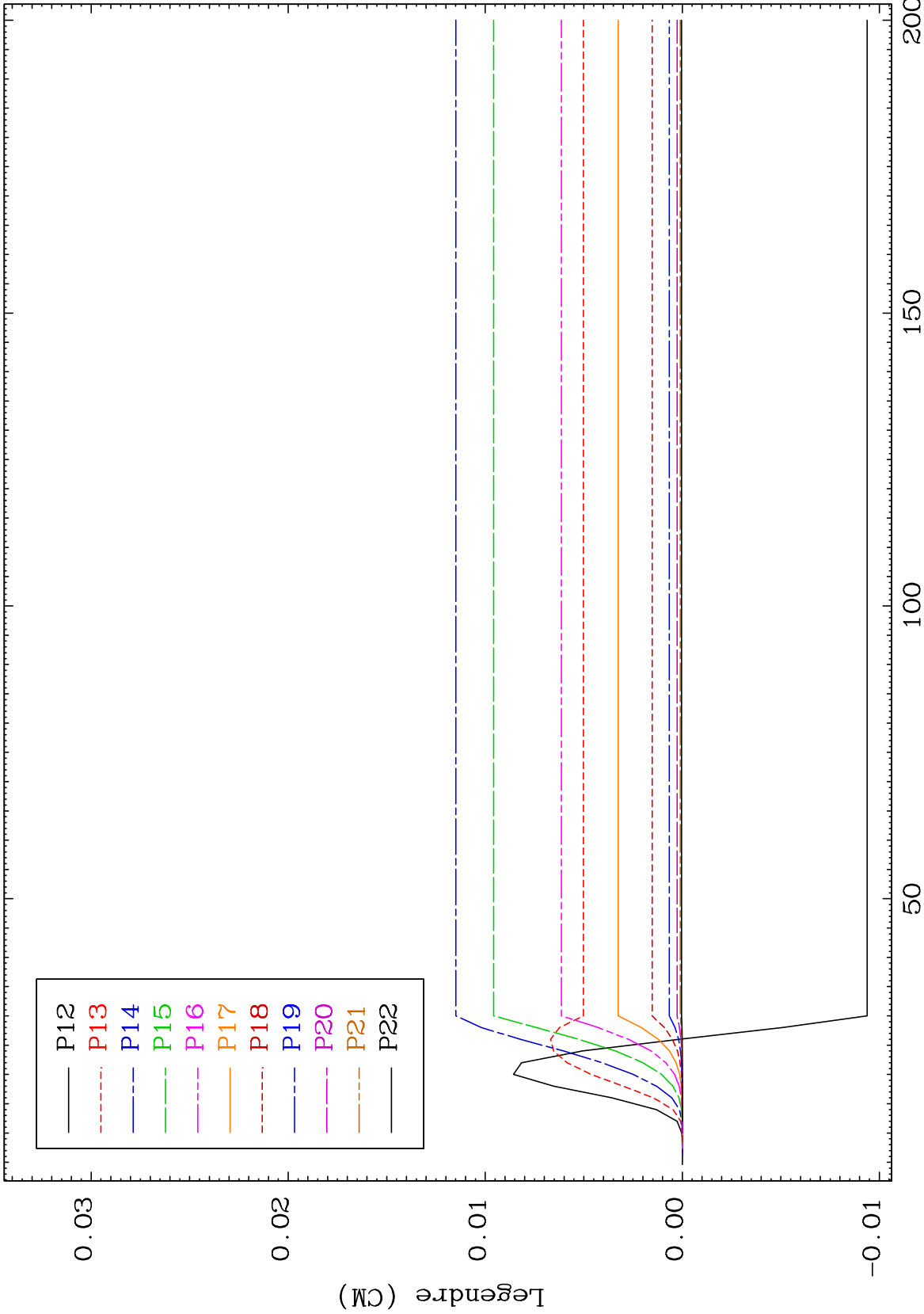
29-Cu-61



MAT 2919

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

29-Cu-61



86

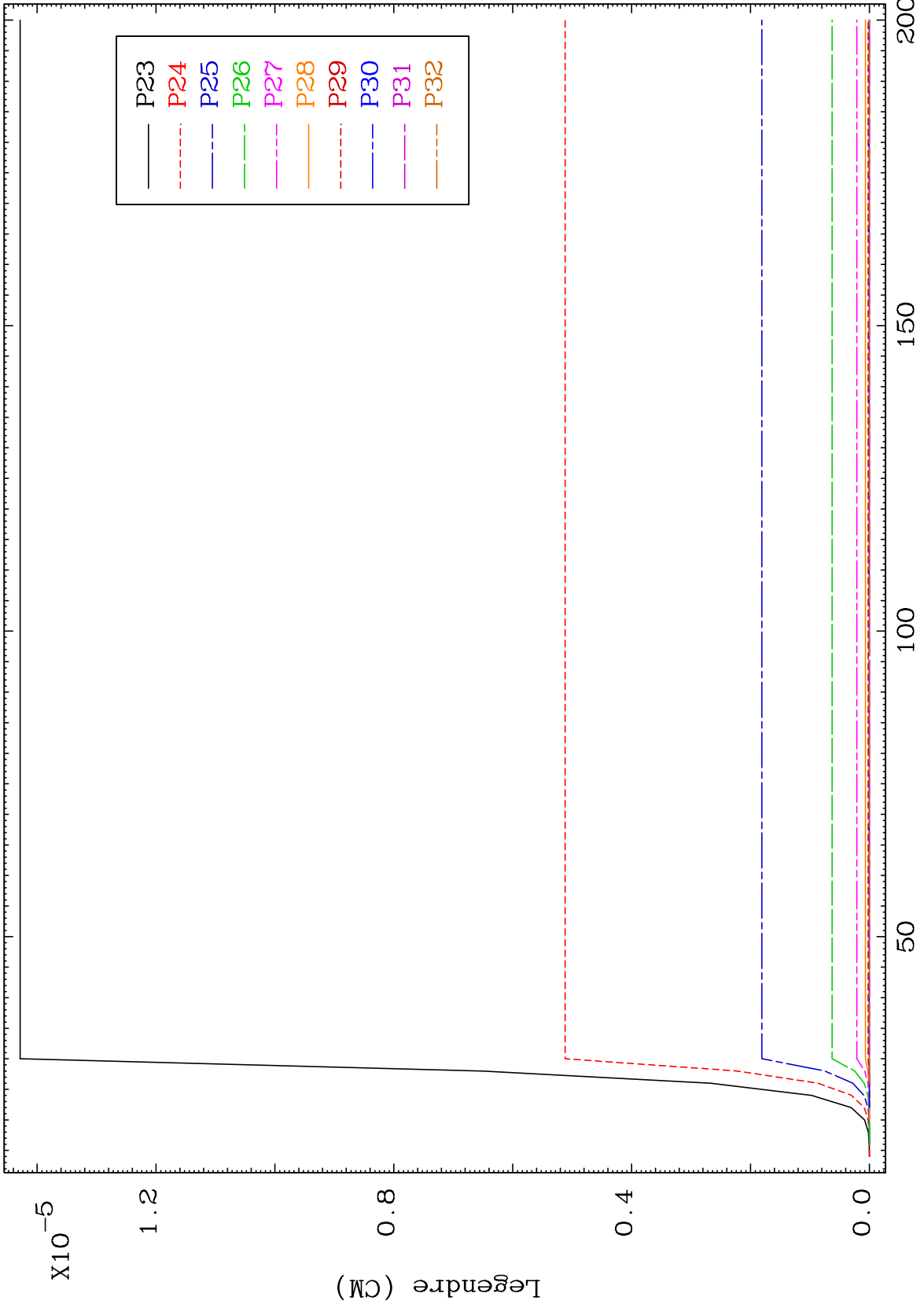
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

29-Cu-61



87

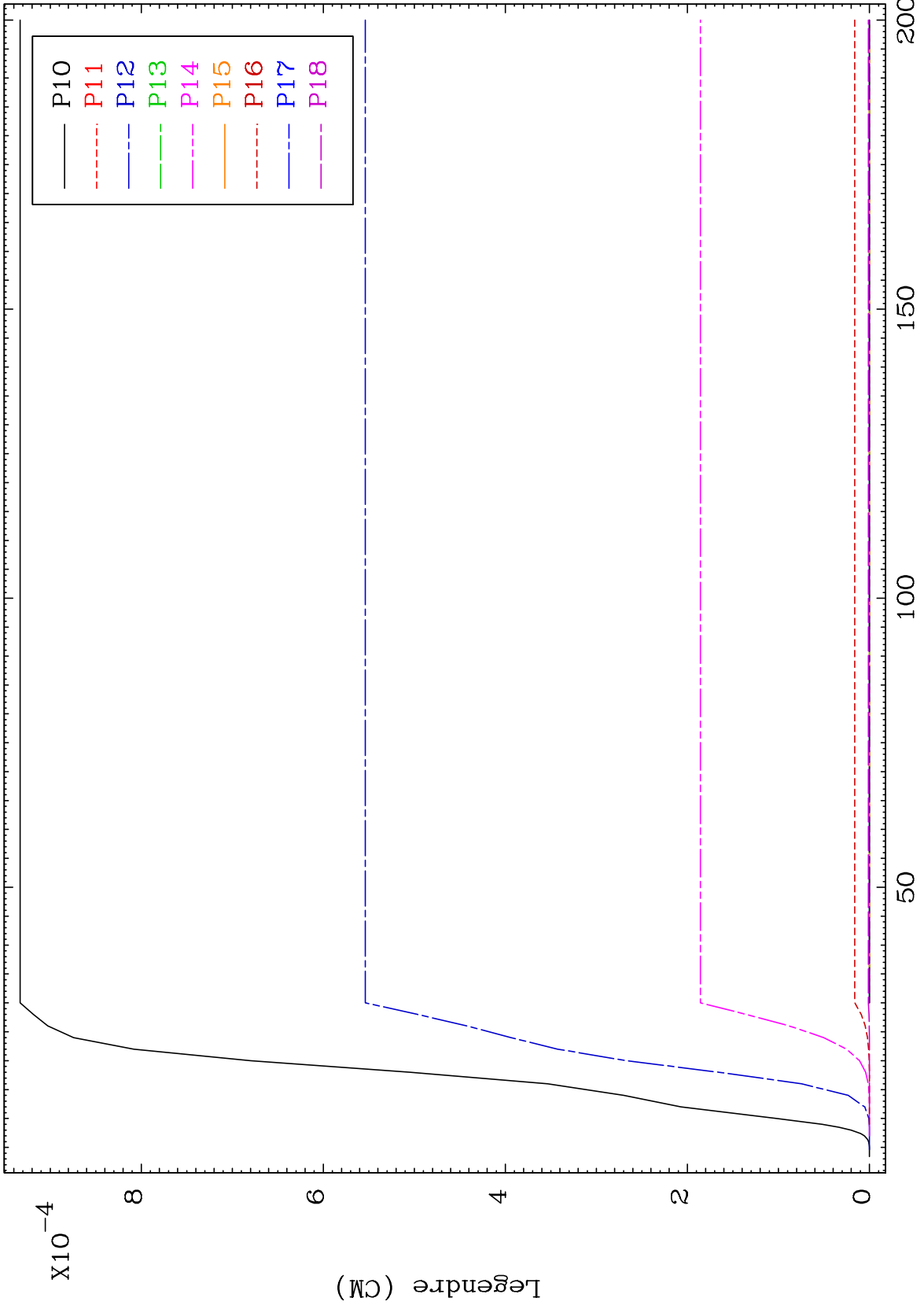
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

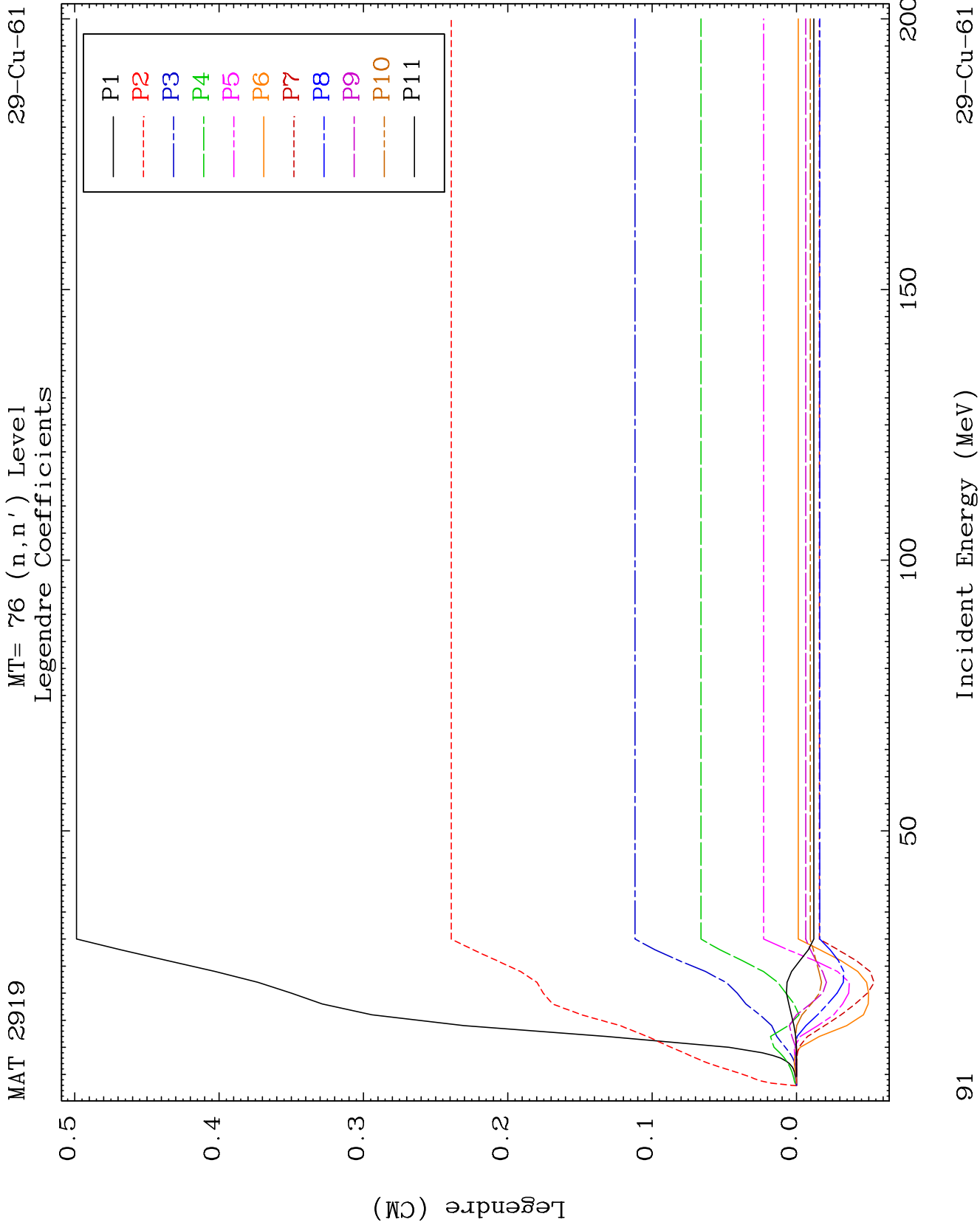
29-Cu-61



89

Incident Energy (MeV)

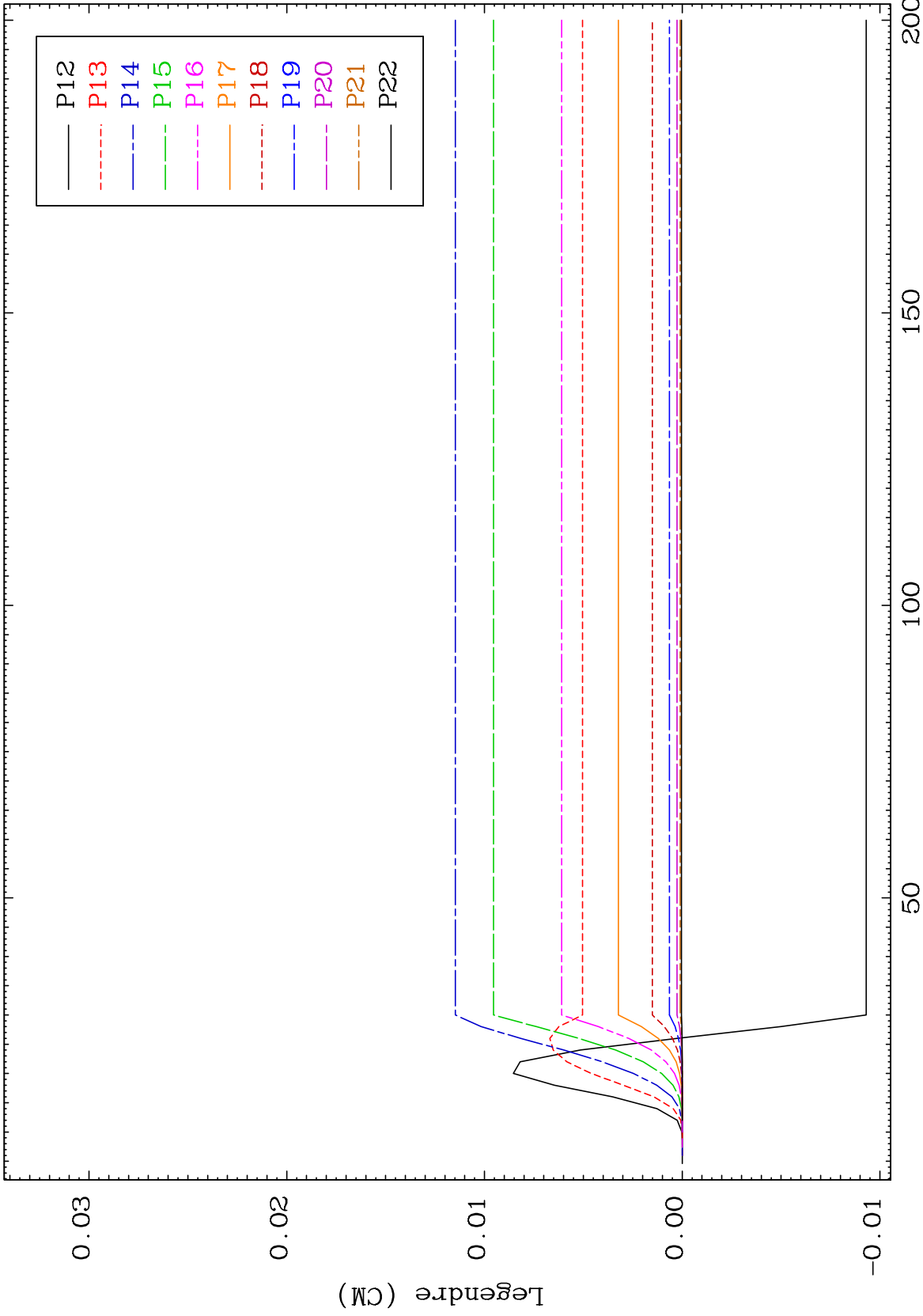
29-Cu-61



MAT 2919

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

29-Cu-61



92

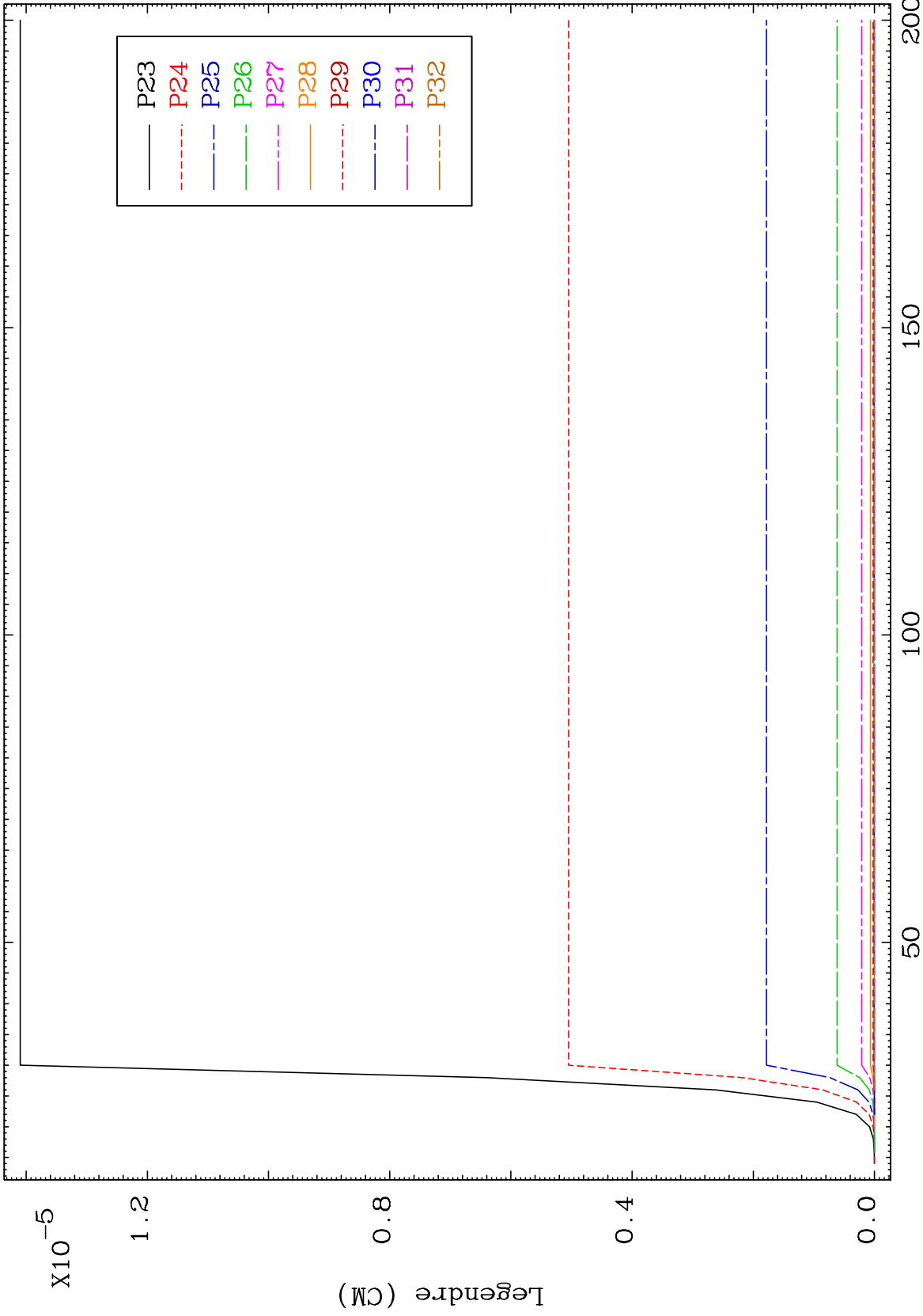
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

29-Cu-61



93

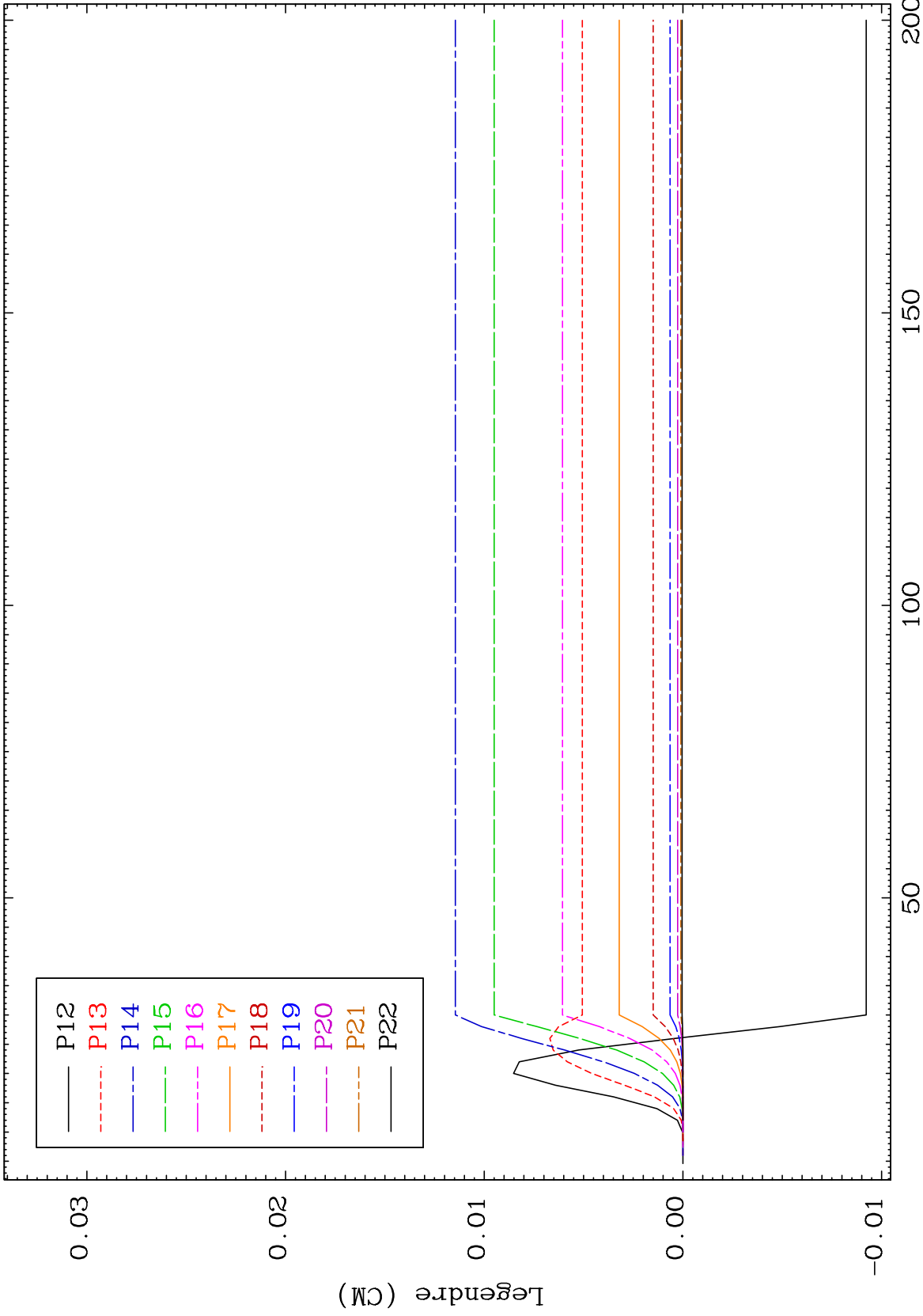
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

29-Cu-61



95

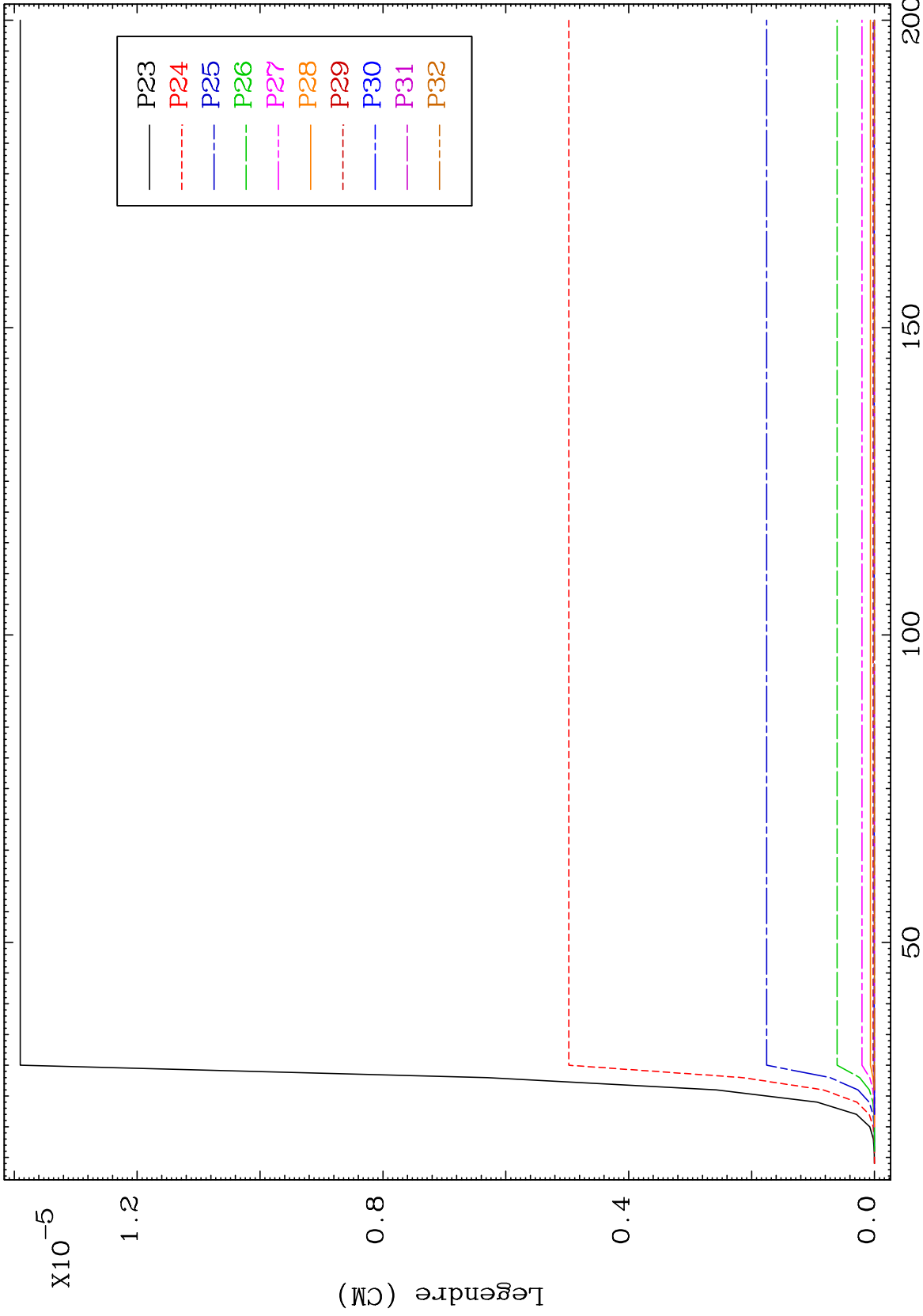
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

29-Cu-61



96

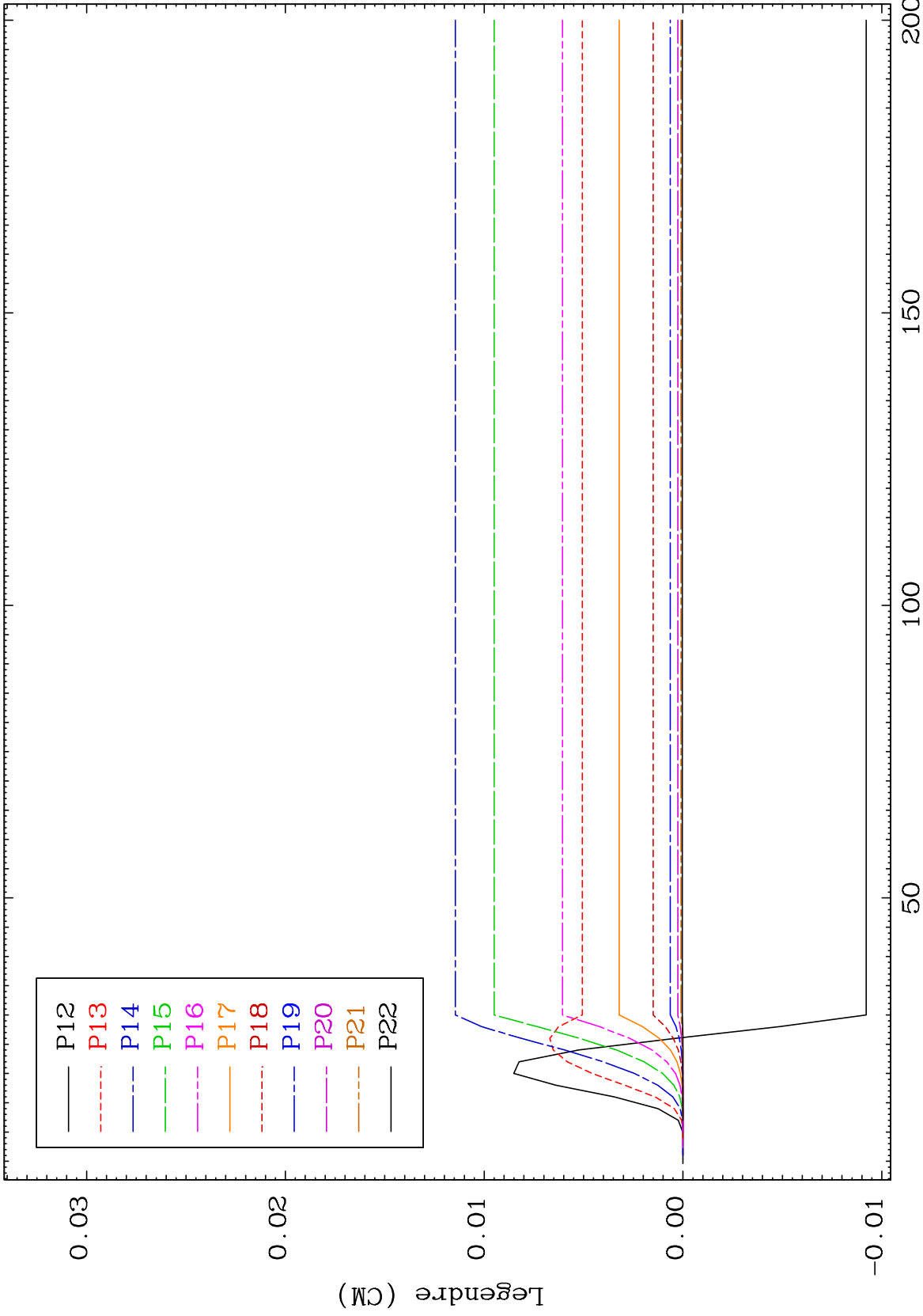
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

29-Cu-61



98

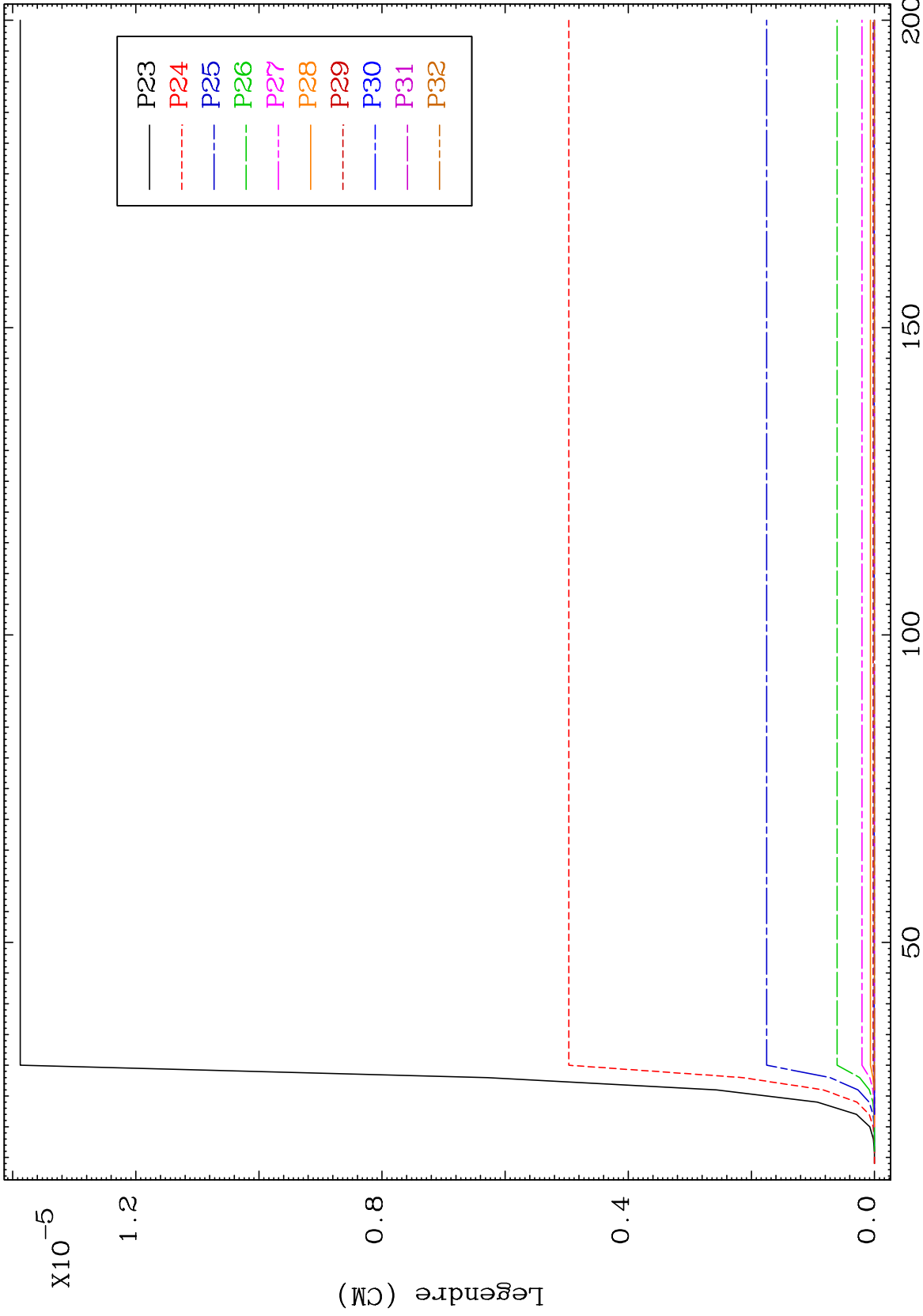
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

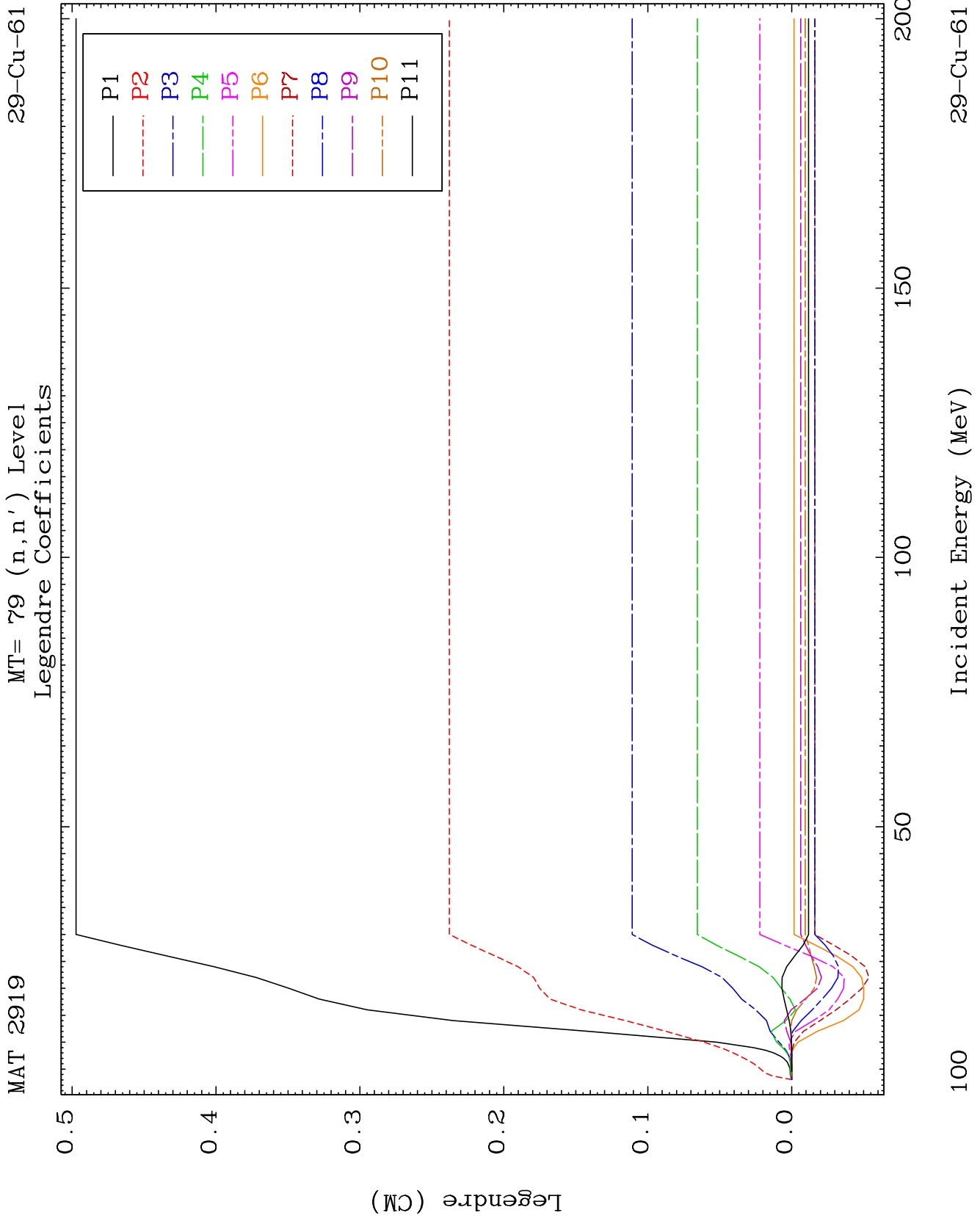
29-Cu-61



99

Incident Energy (MeV)

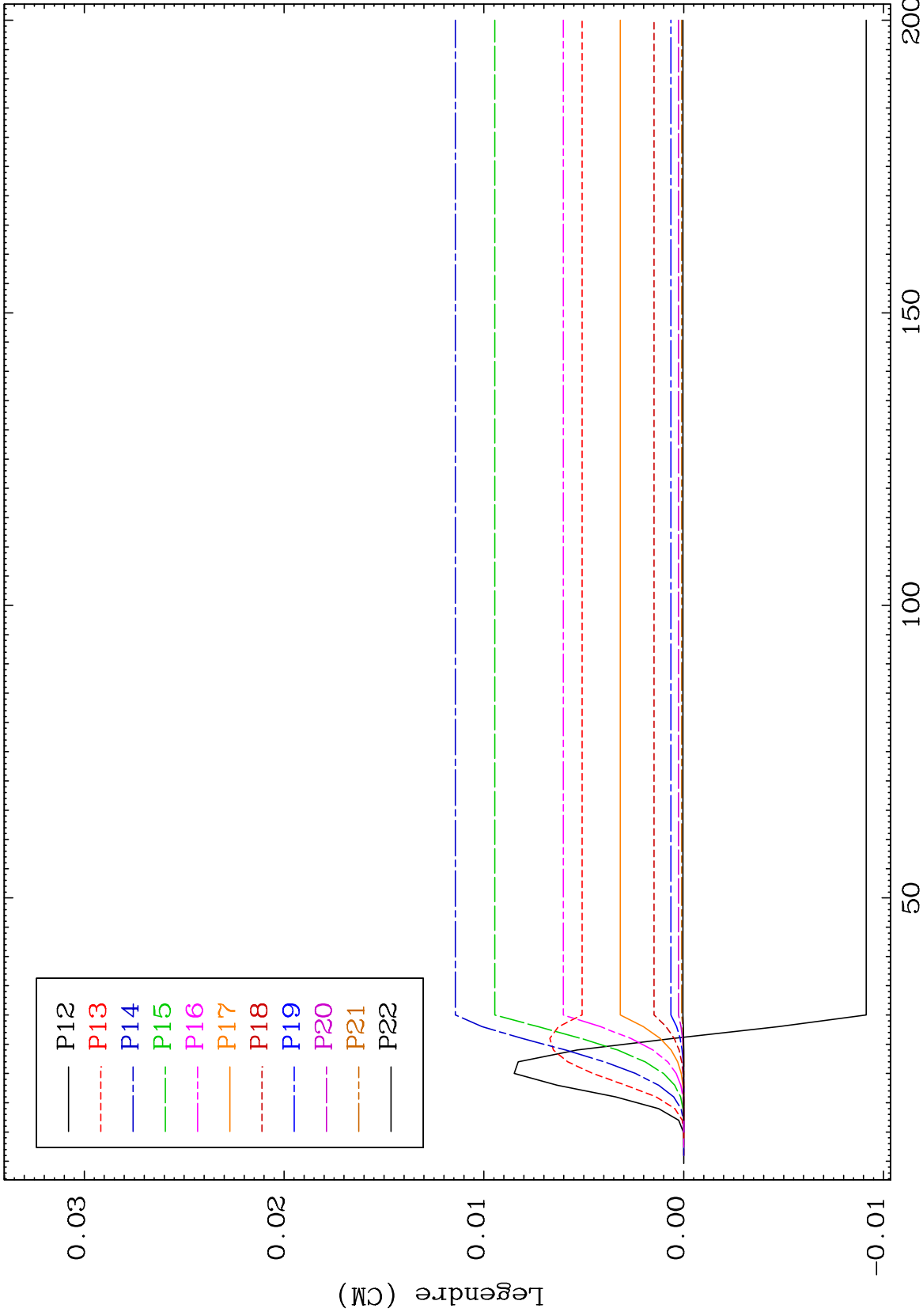
29-Cu-61



MAT 2919

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

29-Cu-61



101

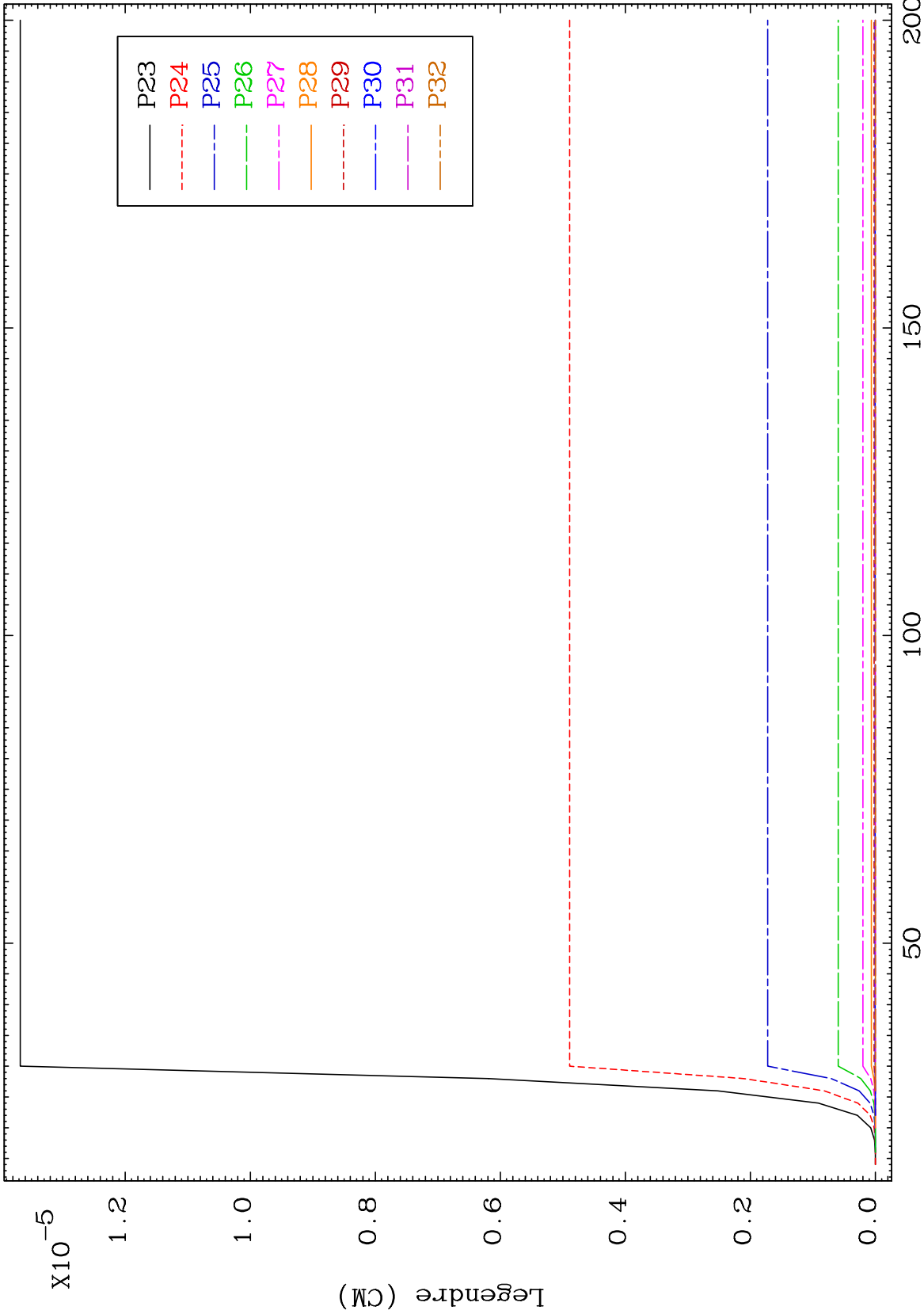
Incident Energy (MeV)

29-Cu-61

MAT 2919

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

29-Cu-61



102

Incident Energy (MeV)

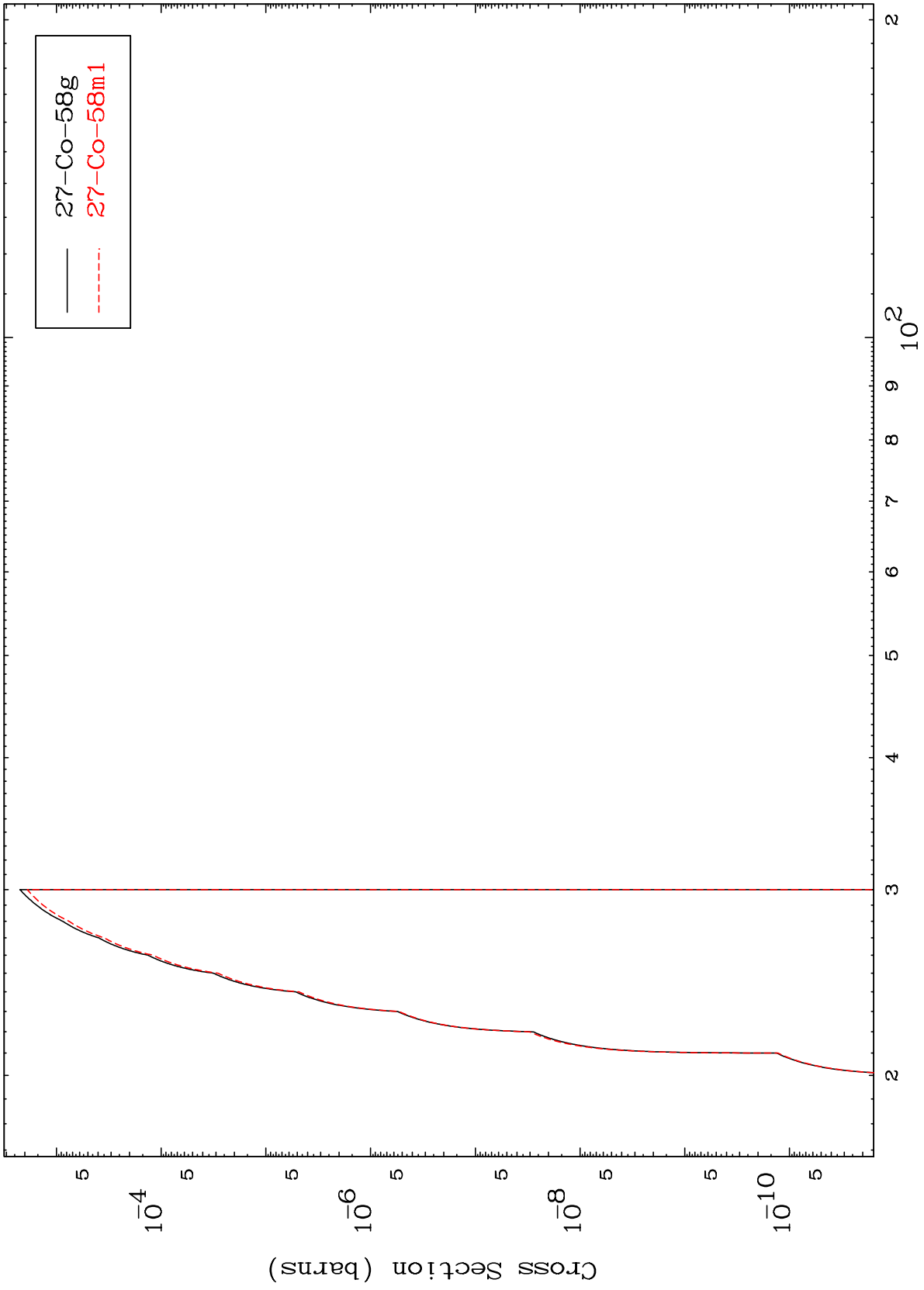
29-Cu-61

MAT 2919

(n, n') He-3

29-Cu-61

Radionuclide Production Cross Section



103

Incident Energy (MeV)

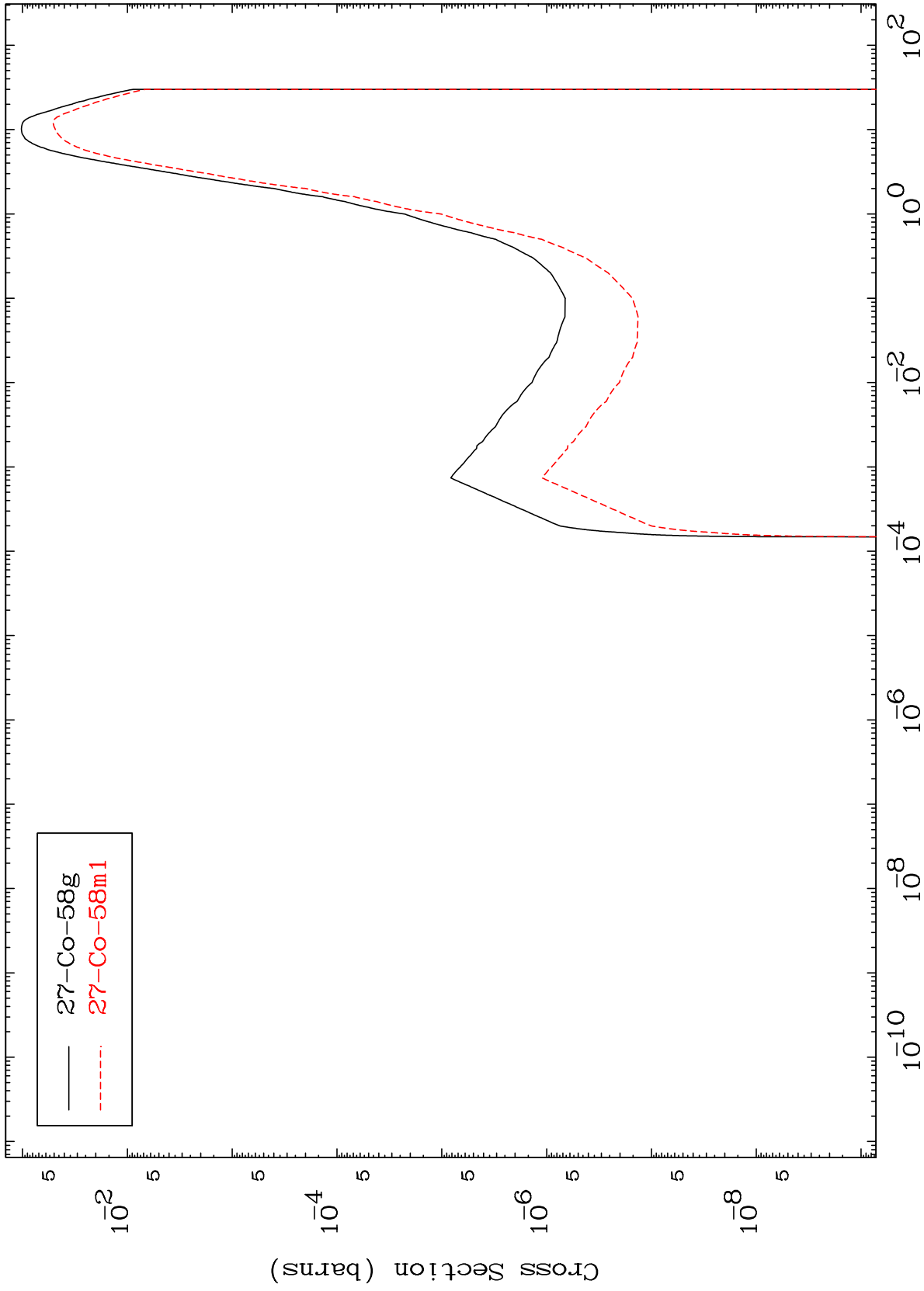
29-Cu-61

MAT 2919

(n,α)

29-Cu-61

Radionuclide Production Cross Section

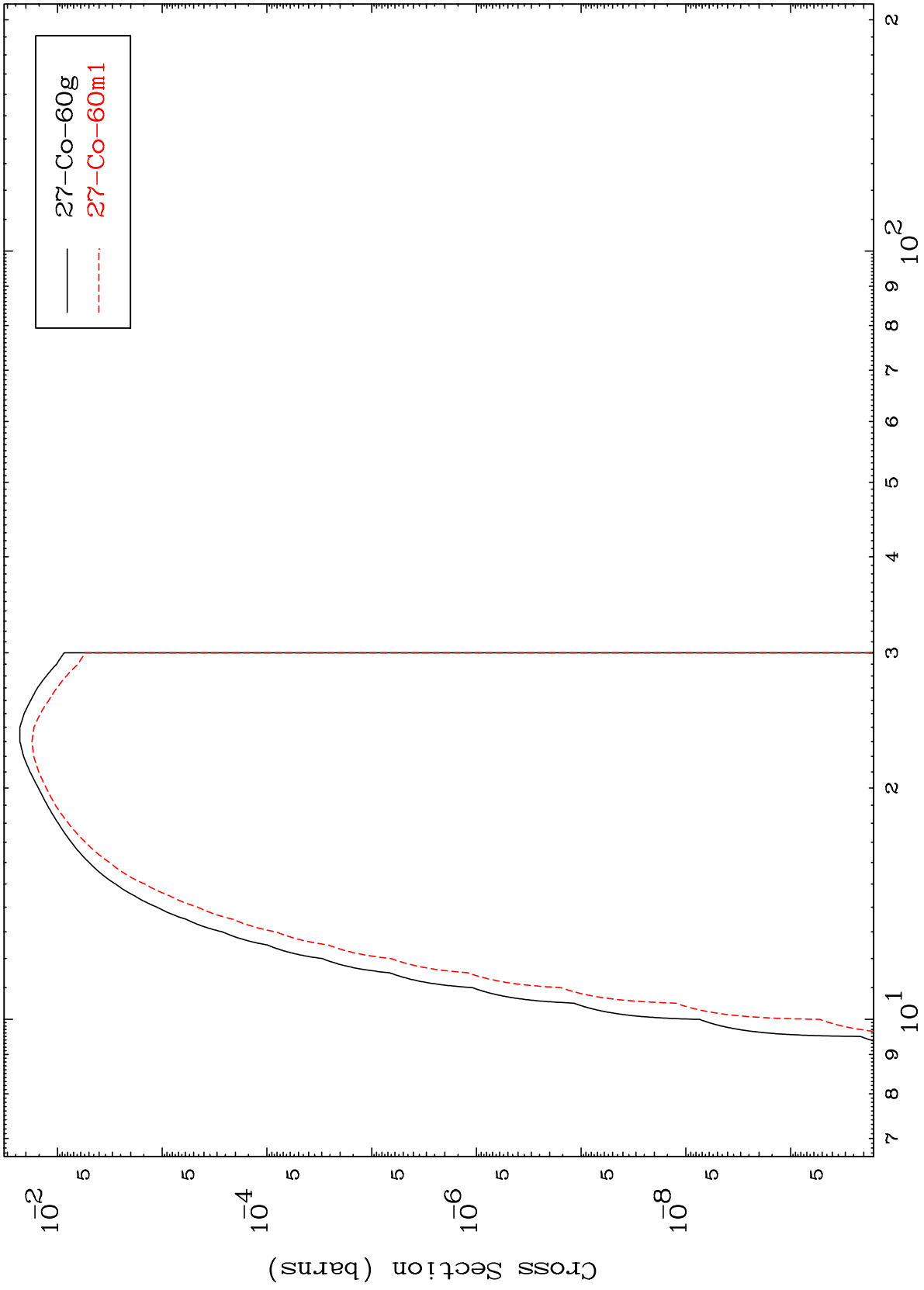


— 27-Co-58g
- - - 27-Co-58m1

MAT 2919

29-Cu-61

(n,2p)
Radionuclide Production Cross Section



105

Incident Energy (MeV)

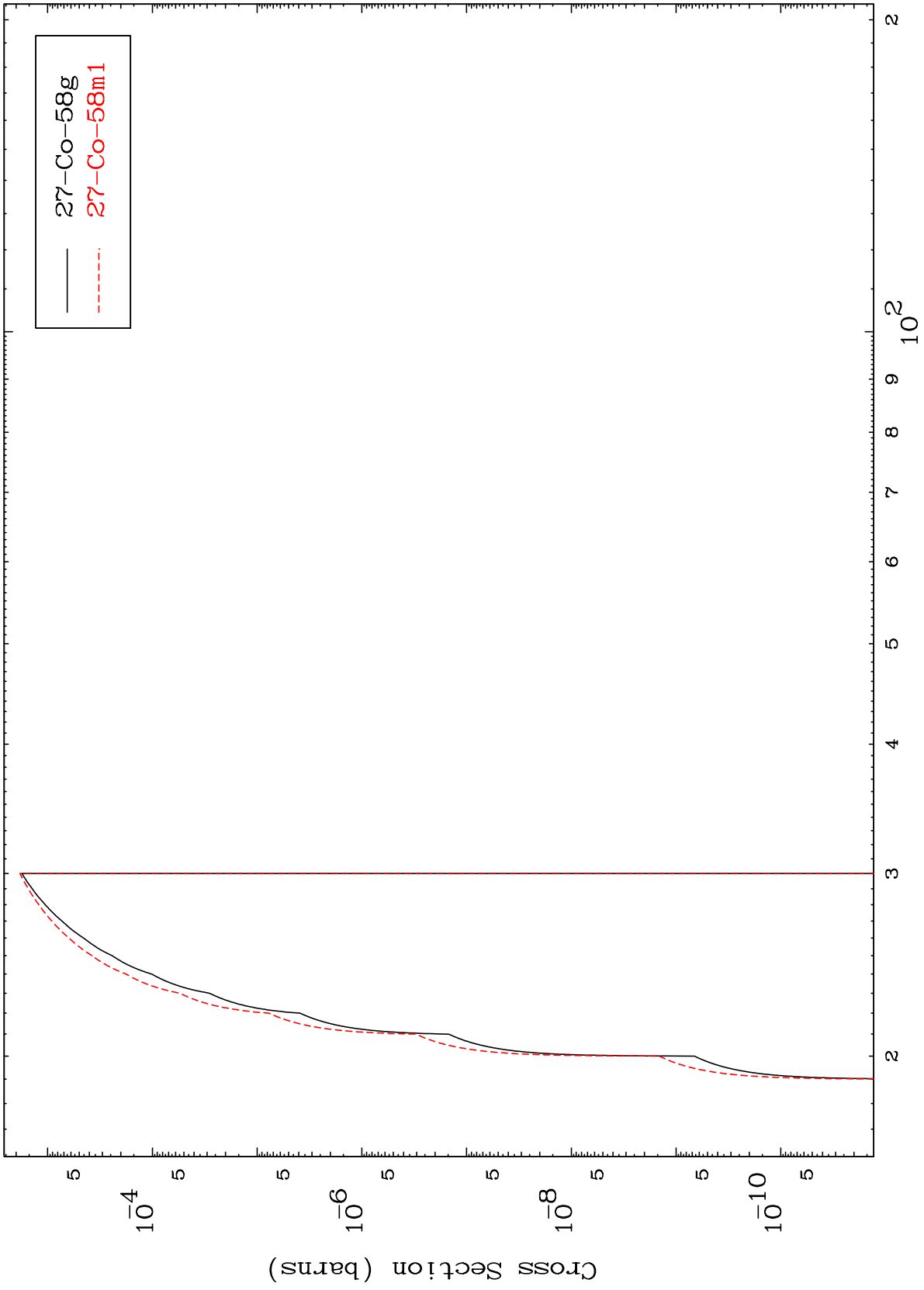
29-Cu-61

MAT 2919

(n,p) t

29-Cu-61

Radionuclide Production Cross Section



106

Incident Energy (MeV)

29-Cu-61