

Program EVALPLOT
(Version 2021-1)

by

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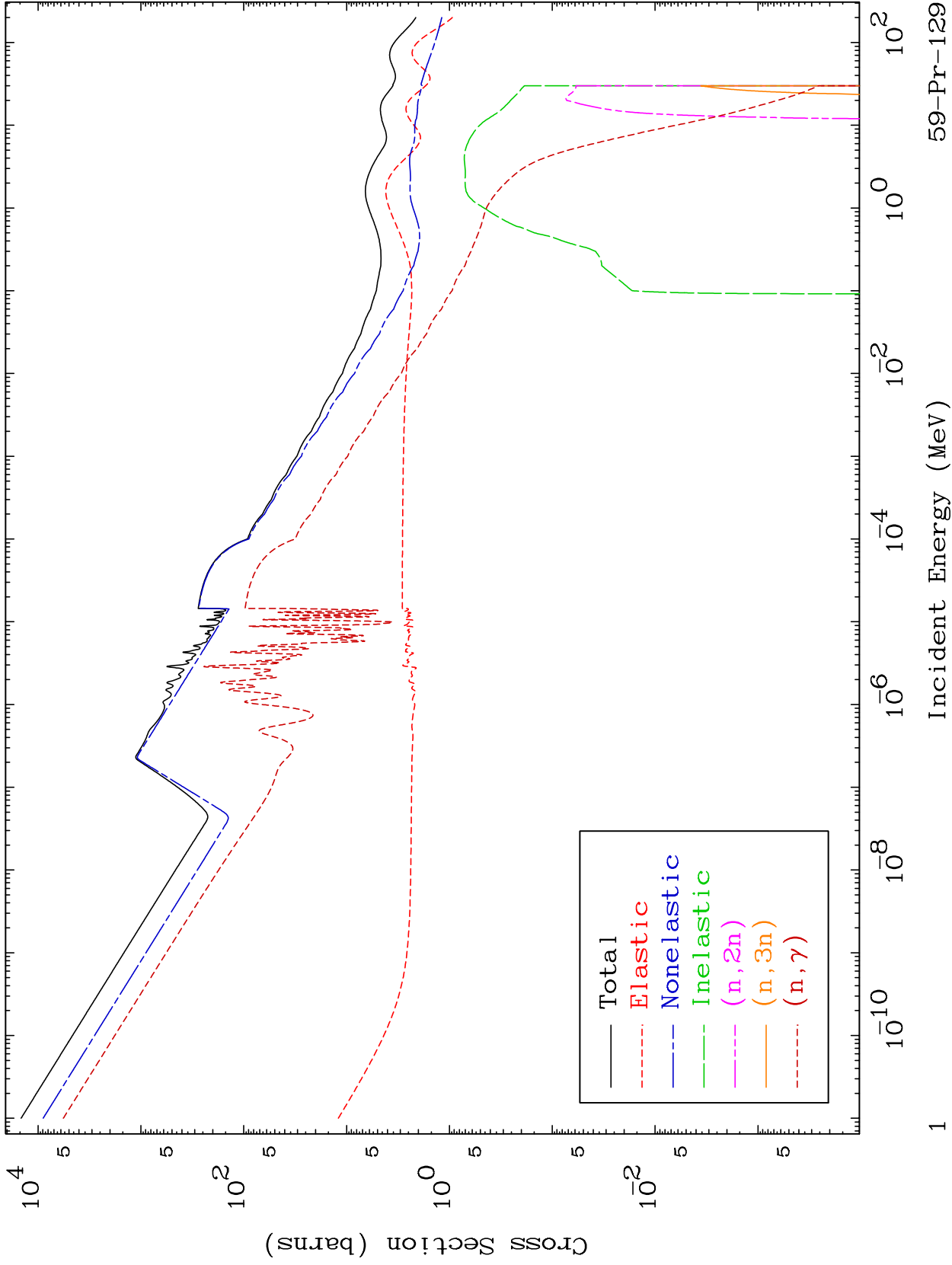
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Press Mouse Button to Start

MAT 5889

Neutron Major
293 Kelvin Cross Sections

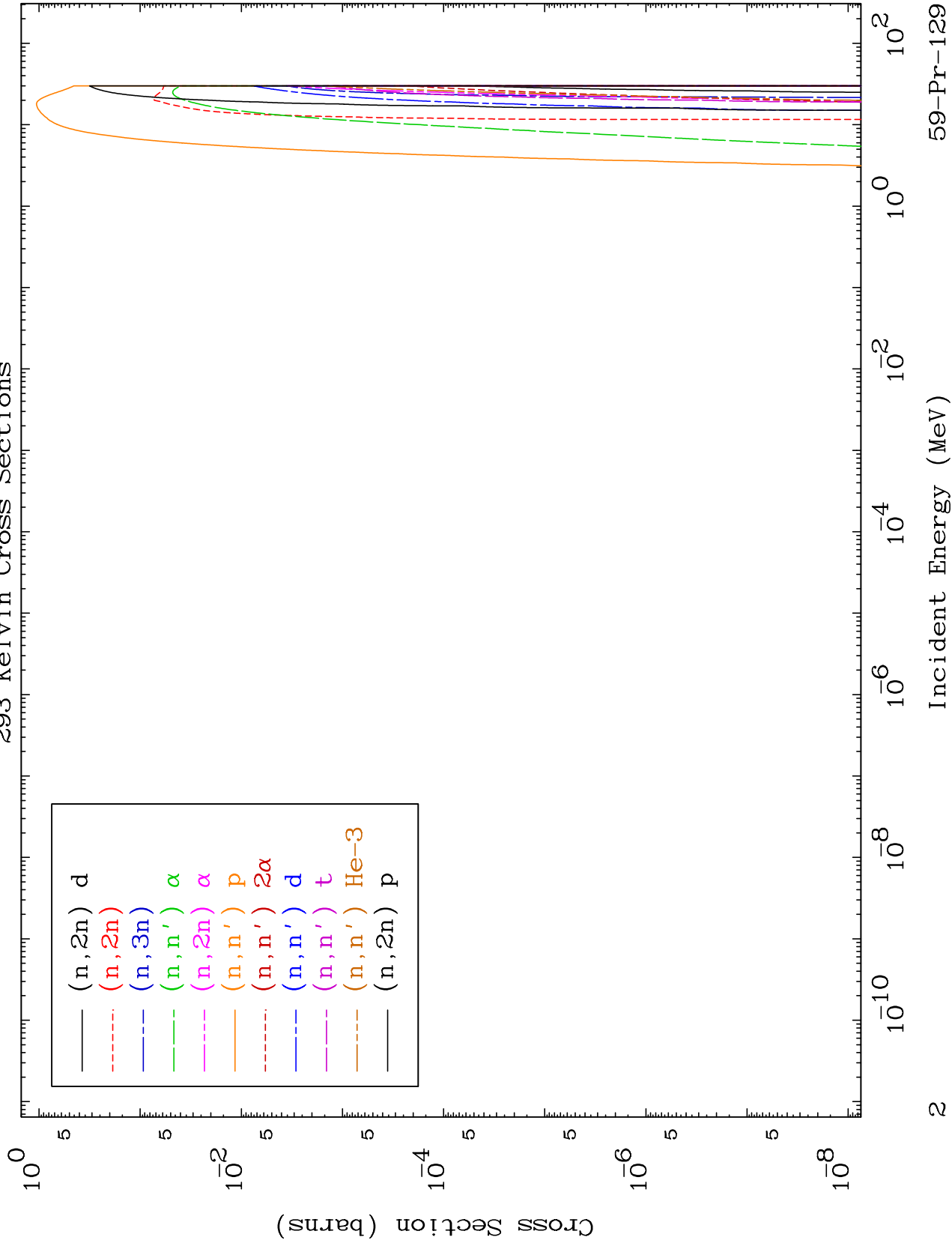
59-Pr-129



MAT 5889

Neutron Absorption
293 Kelvin Cross Sections

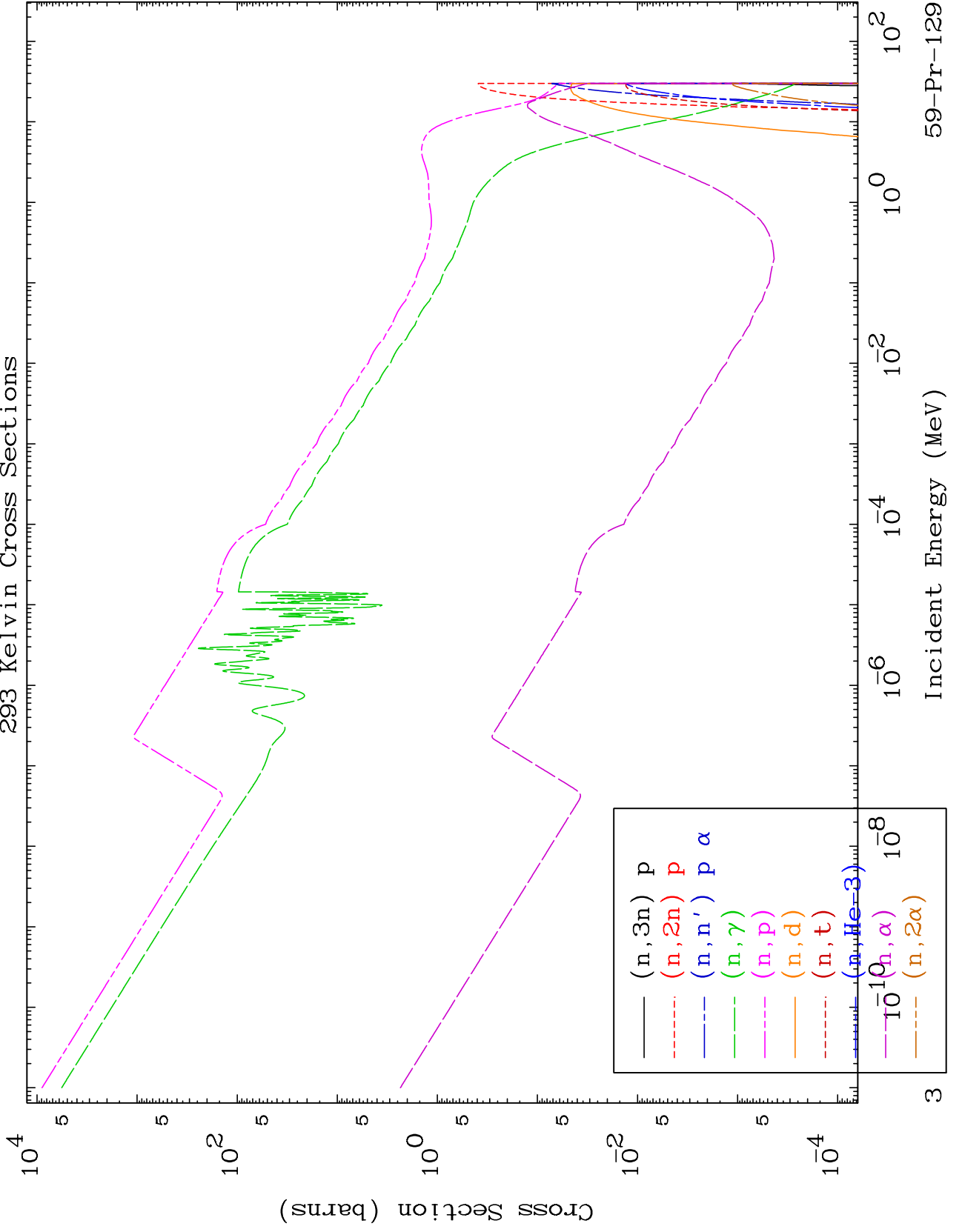
59-Pr-129



MAT 5889

Neutron Absorption
293 Kelvin Cross Sections

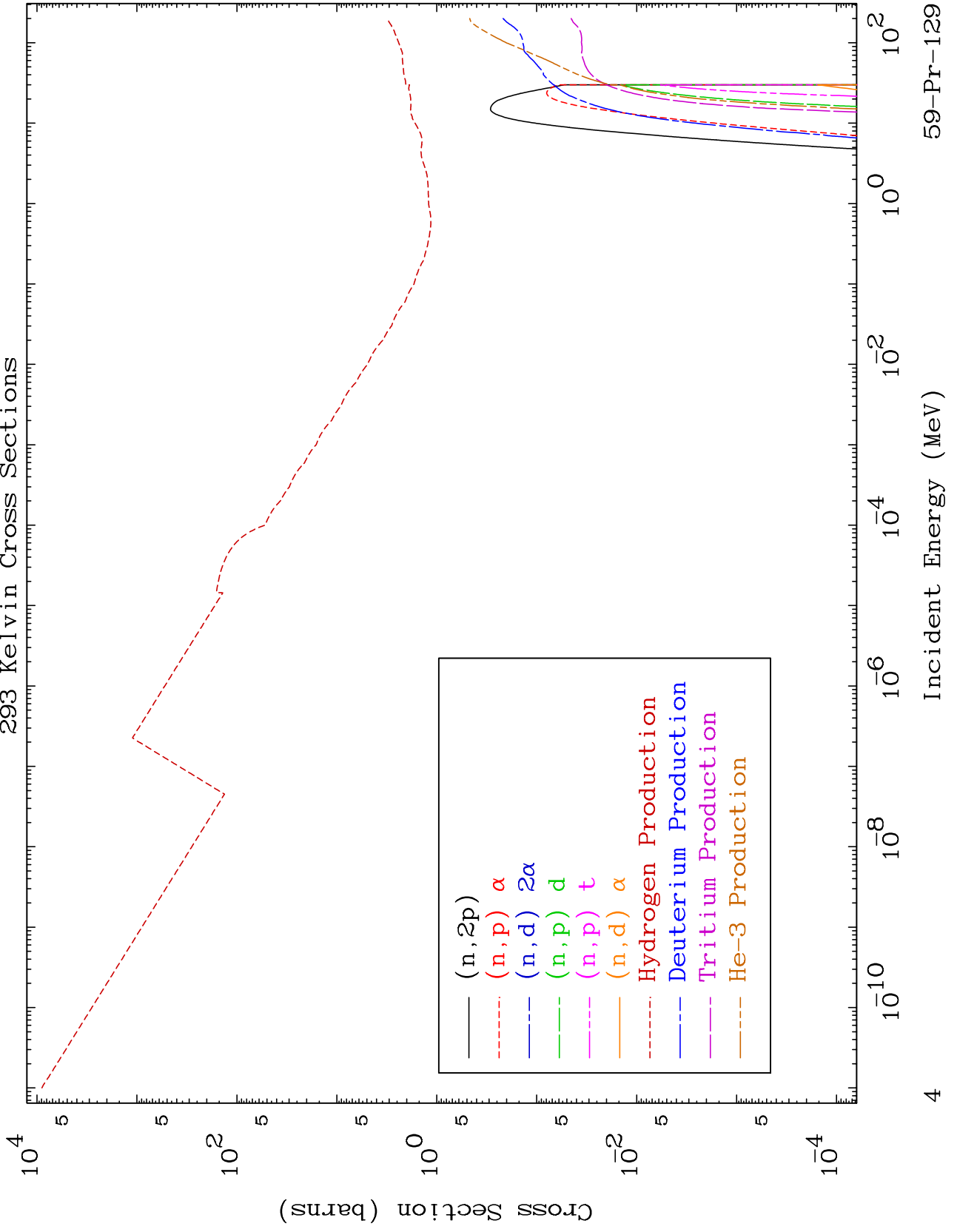
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MAT 5889

Neutron Absorption
293 Kelvin Cross Sections

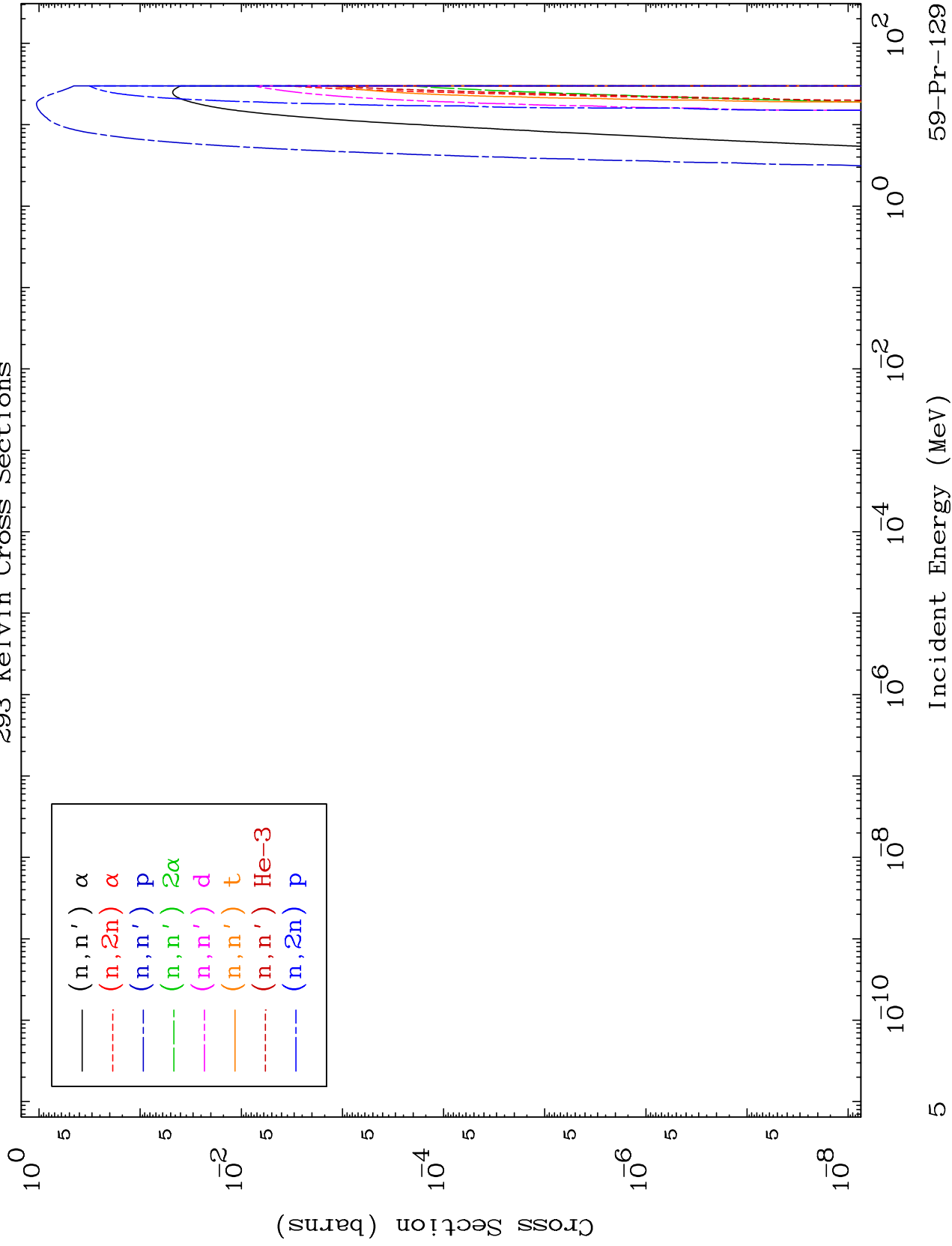
59-Pr-129



MAT 5889

Charged Particle
293 Kelvin Cross Sections

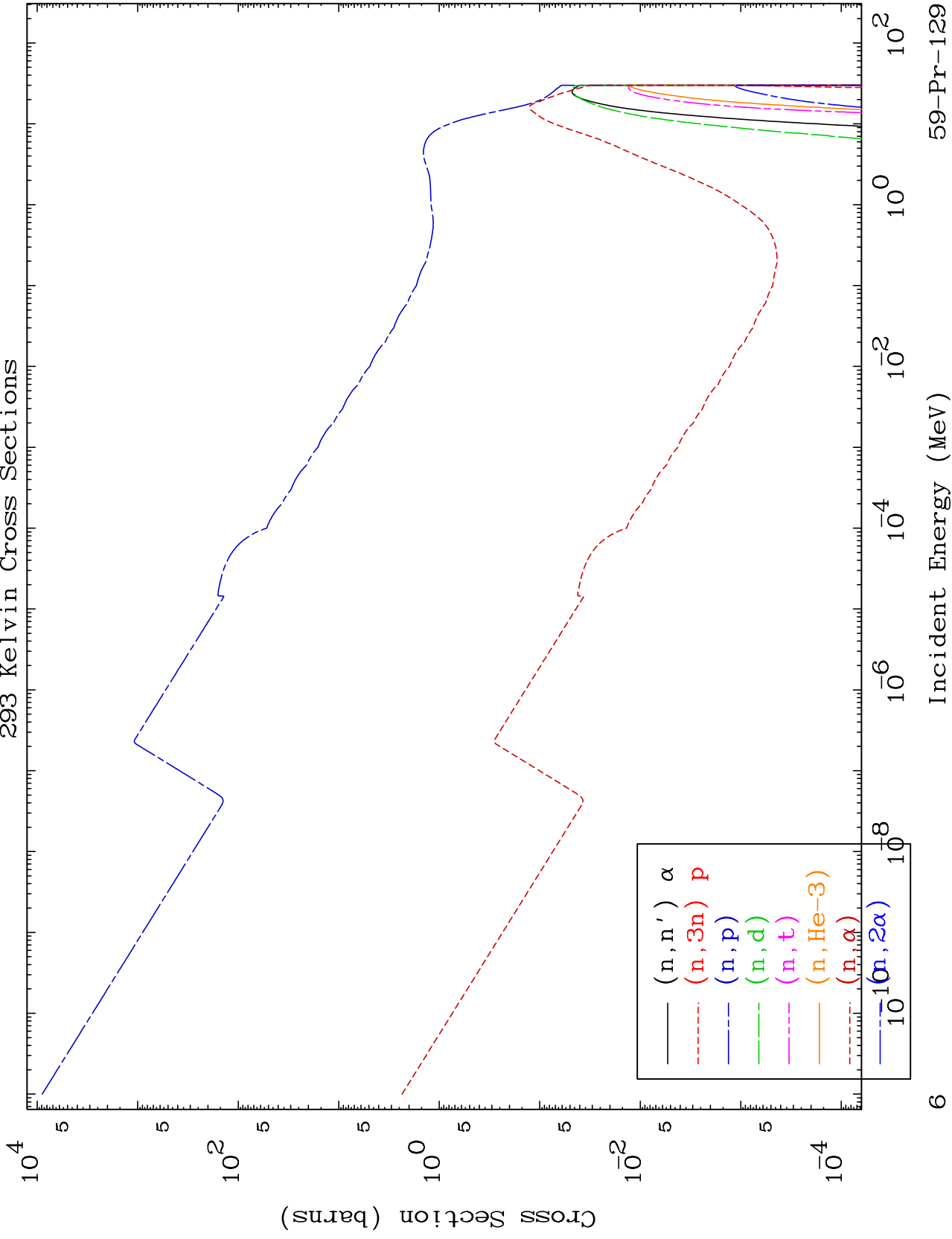
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MAT 5889

Charged Particle
293 Kelvin Cross Sections

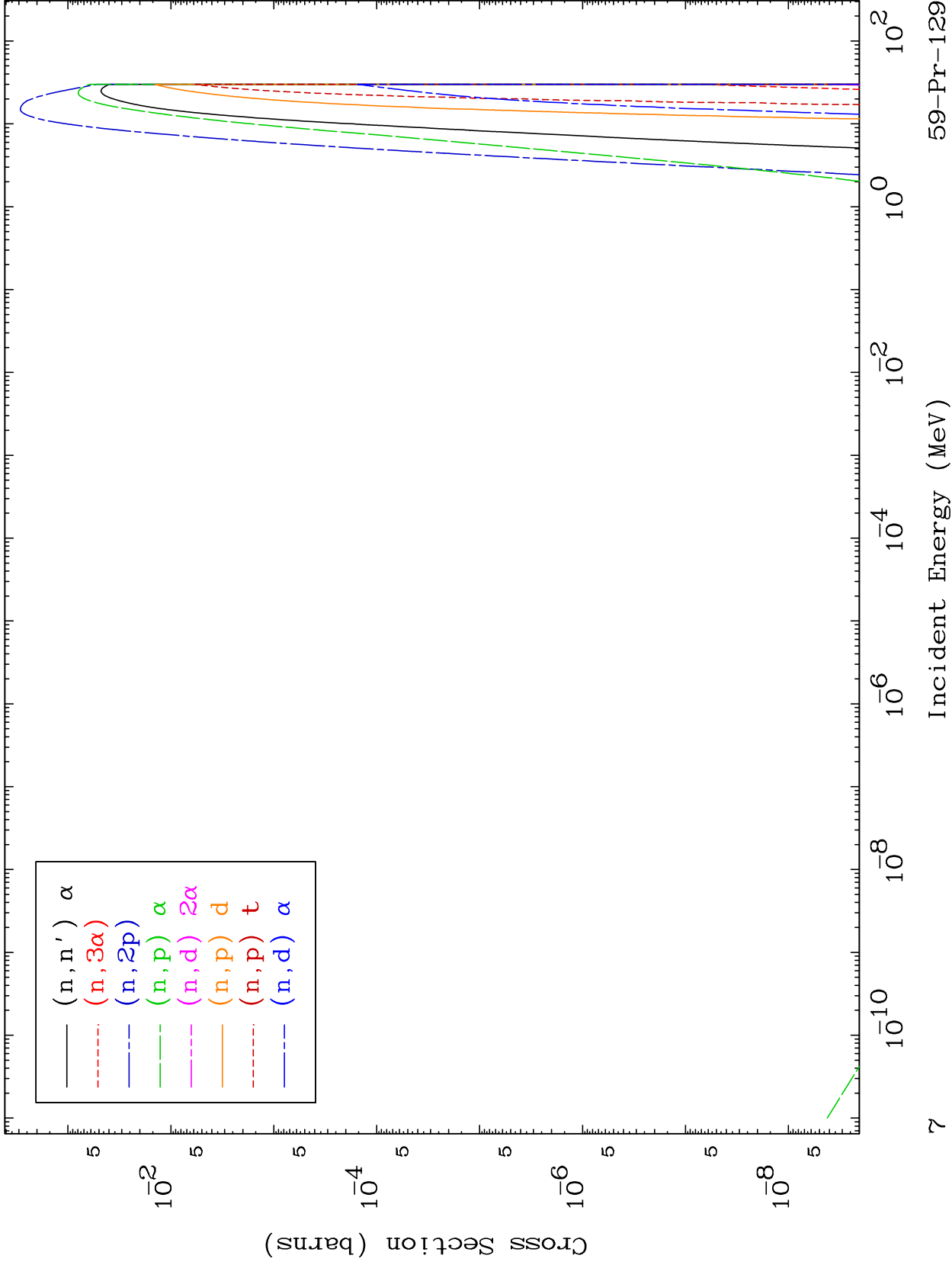
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MAT 5889

Charged Particle
293 Kelvin Cross Sections

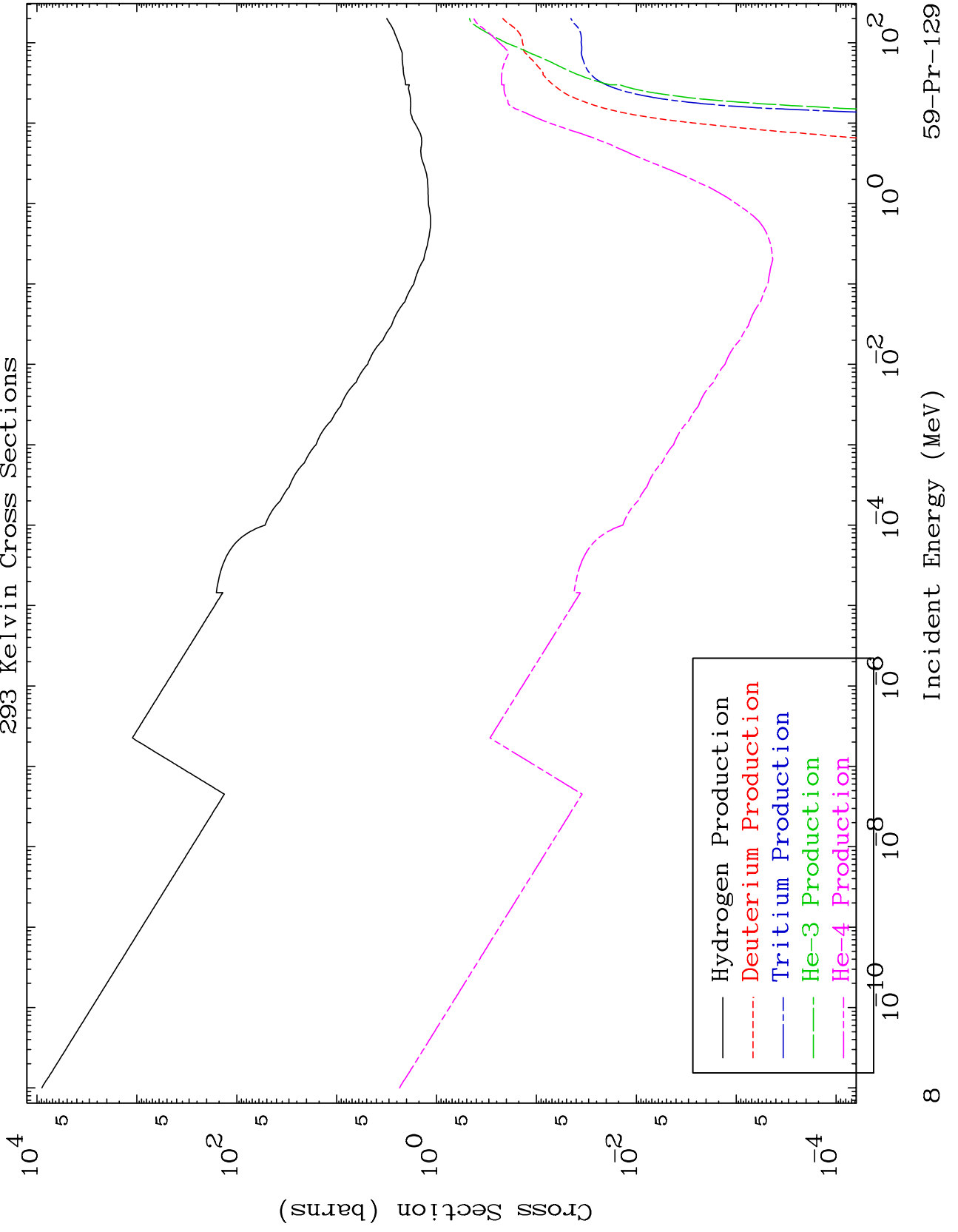
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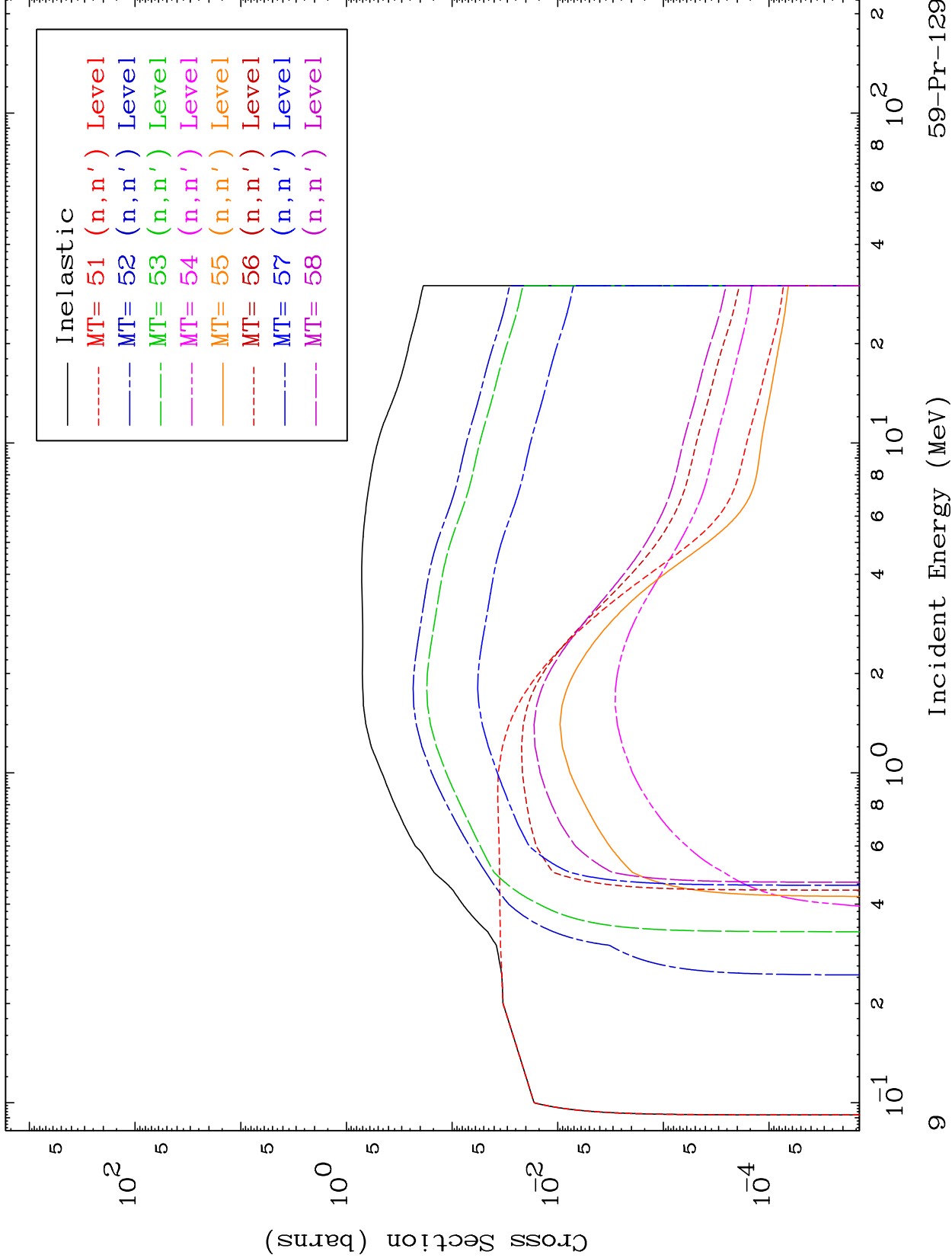


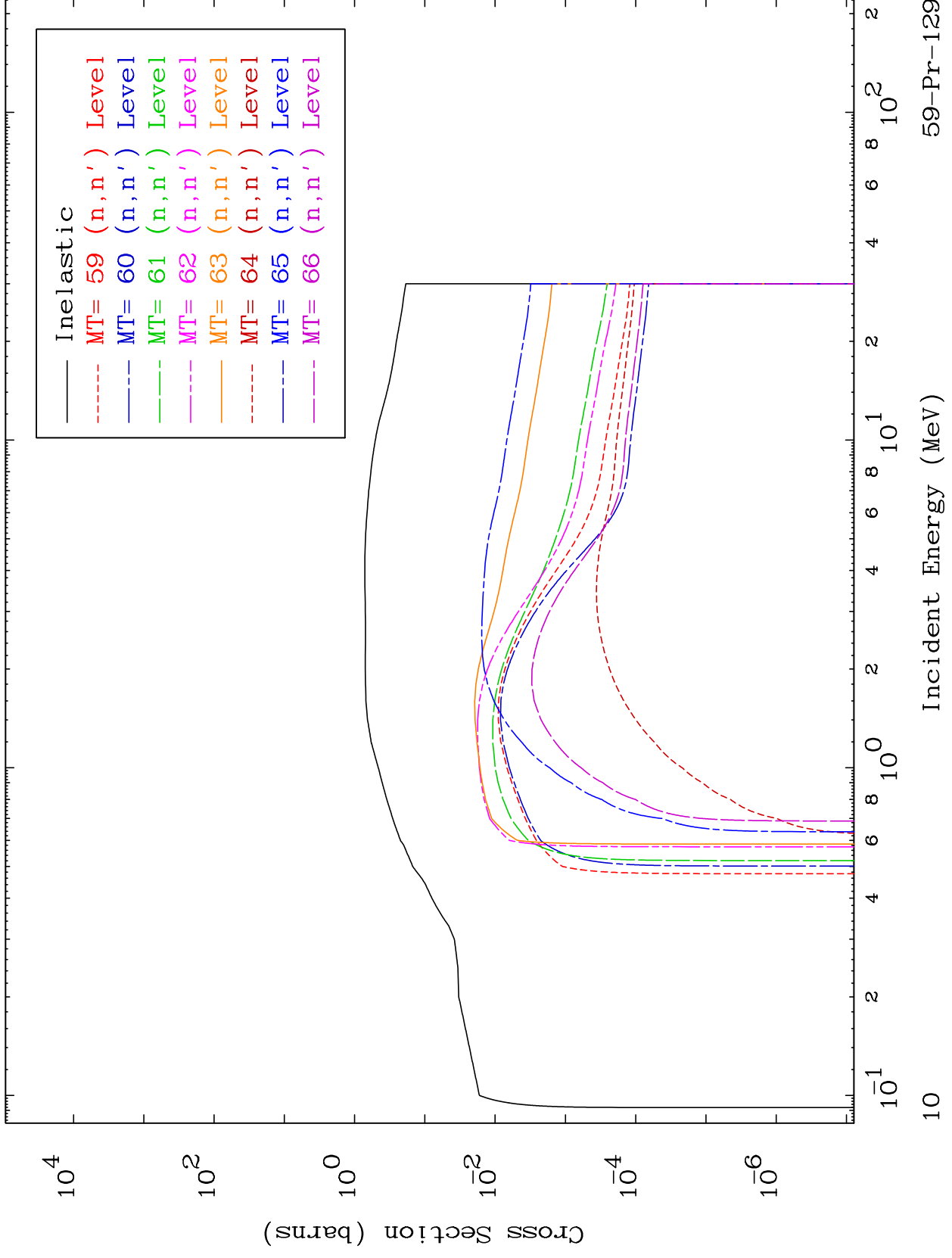
MAT 5889

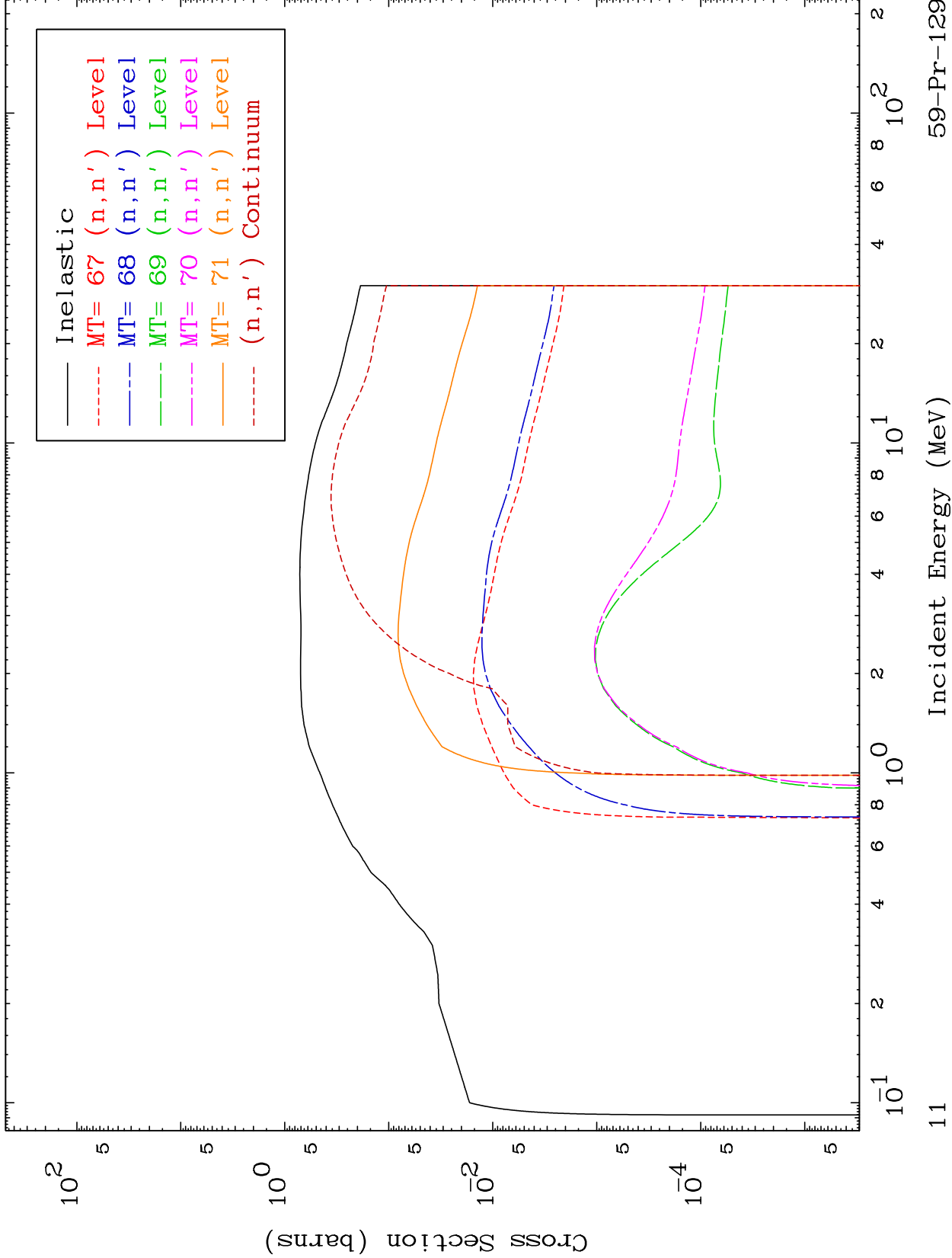
Particle Production
293 Kelvin Cross Sections

59-Pr-129





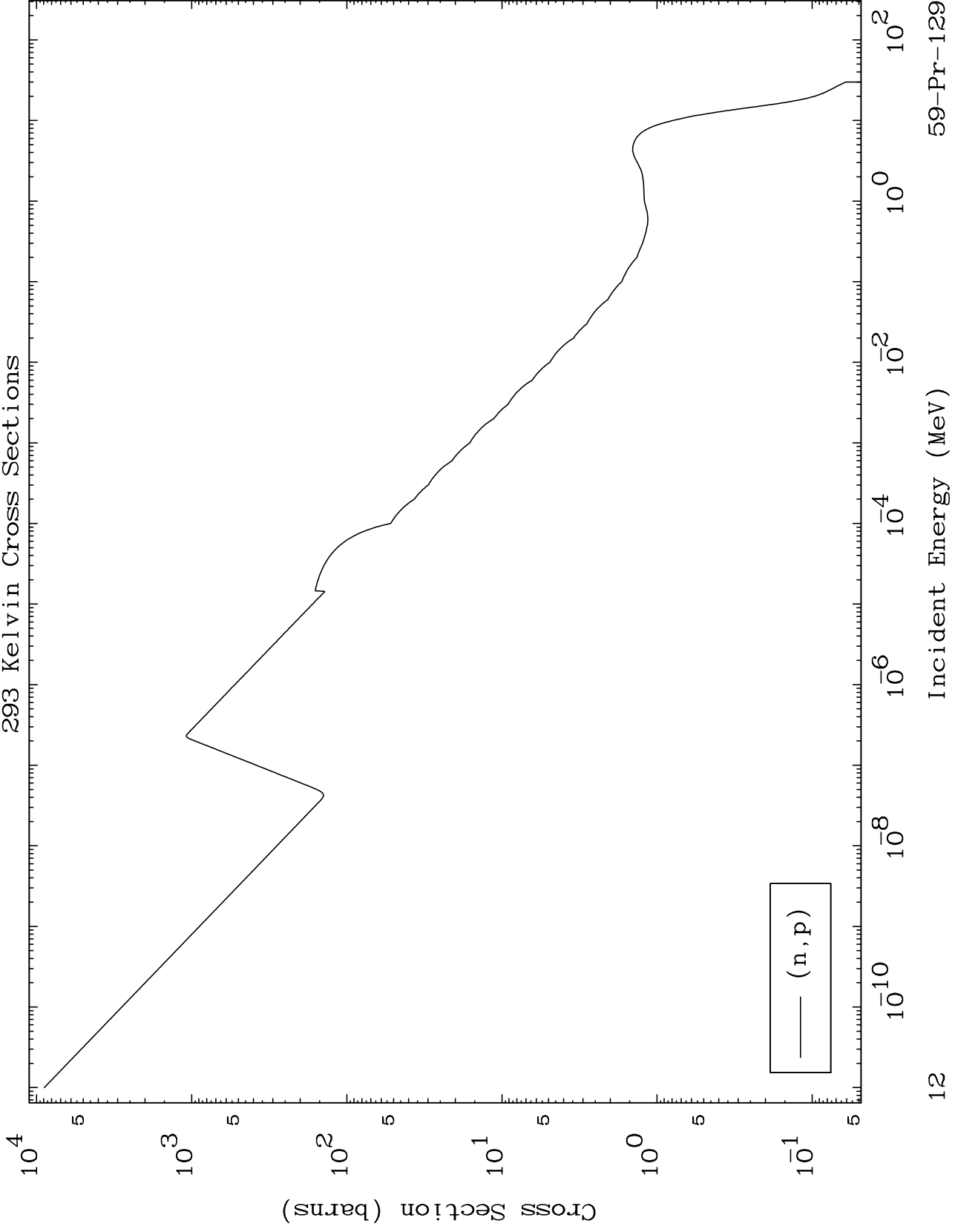




MAT 5889

(n,p) Levels
293 Kelvin Cross Sections

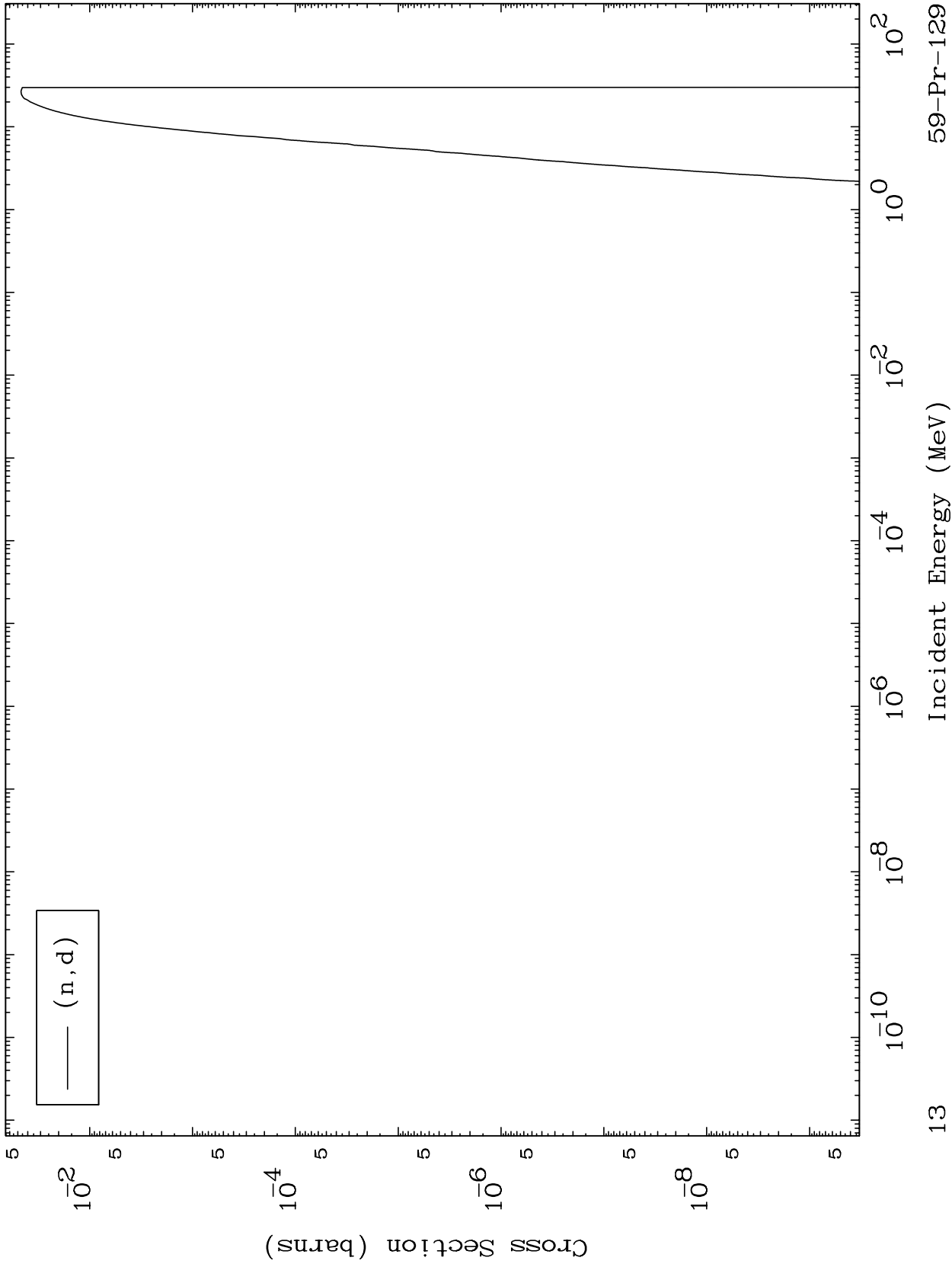
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MAT 5889

(n,d) Levels
293 Kelvin Cross Sections

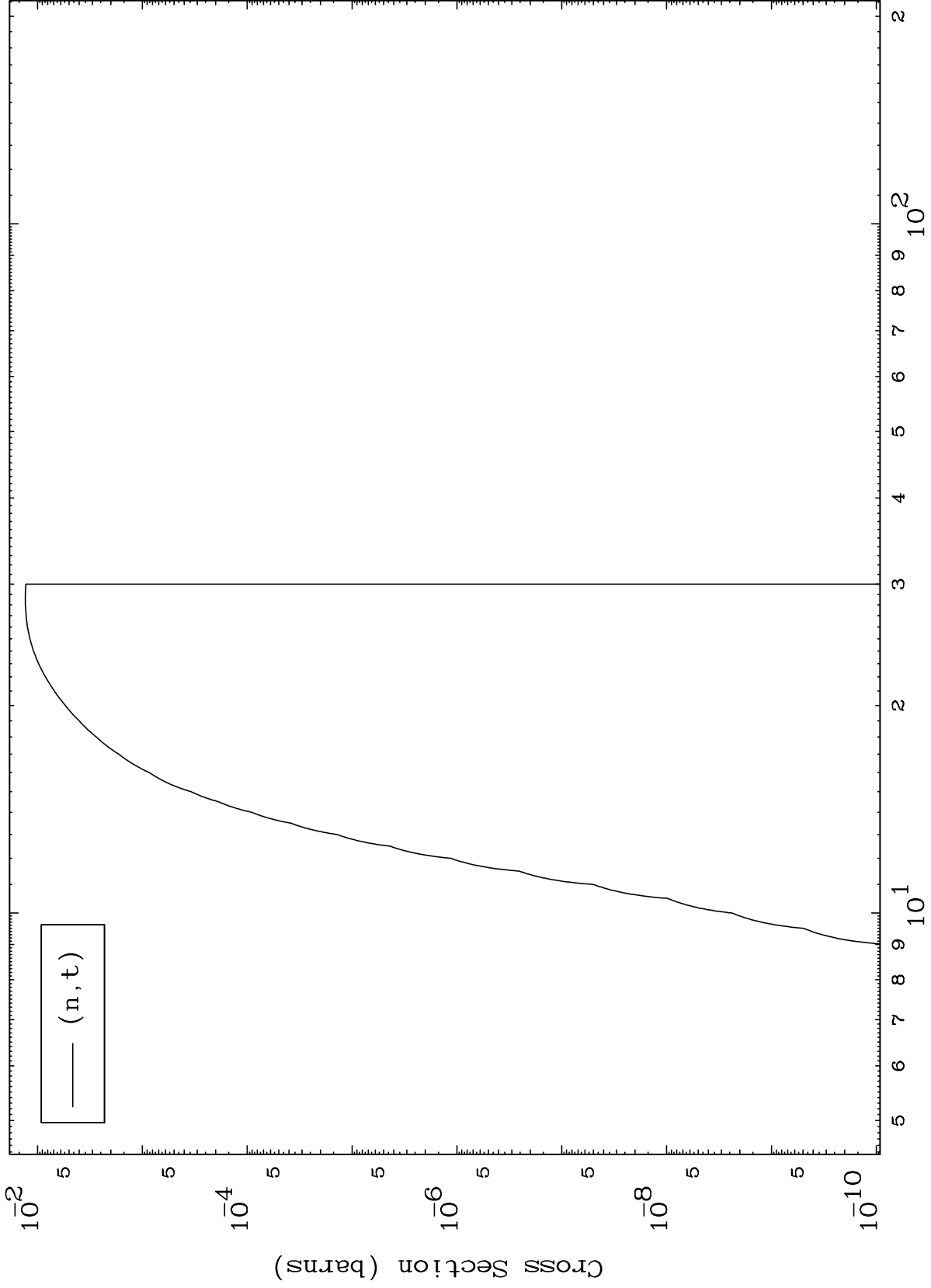
59-Pr-129



MAT 5889

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-129



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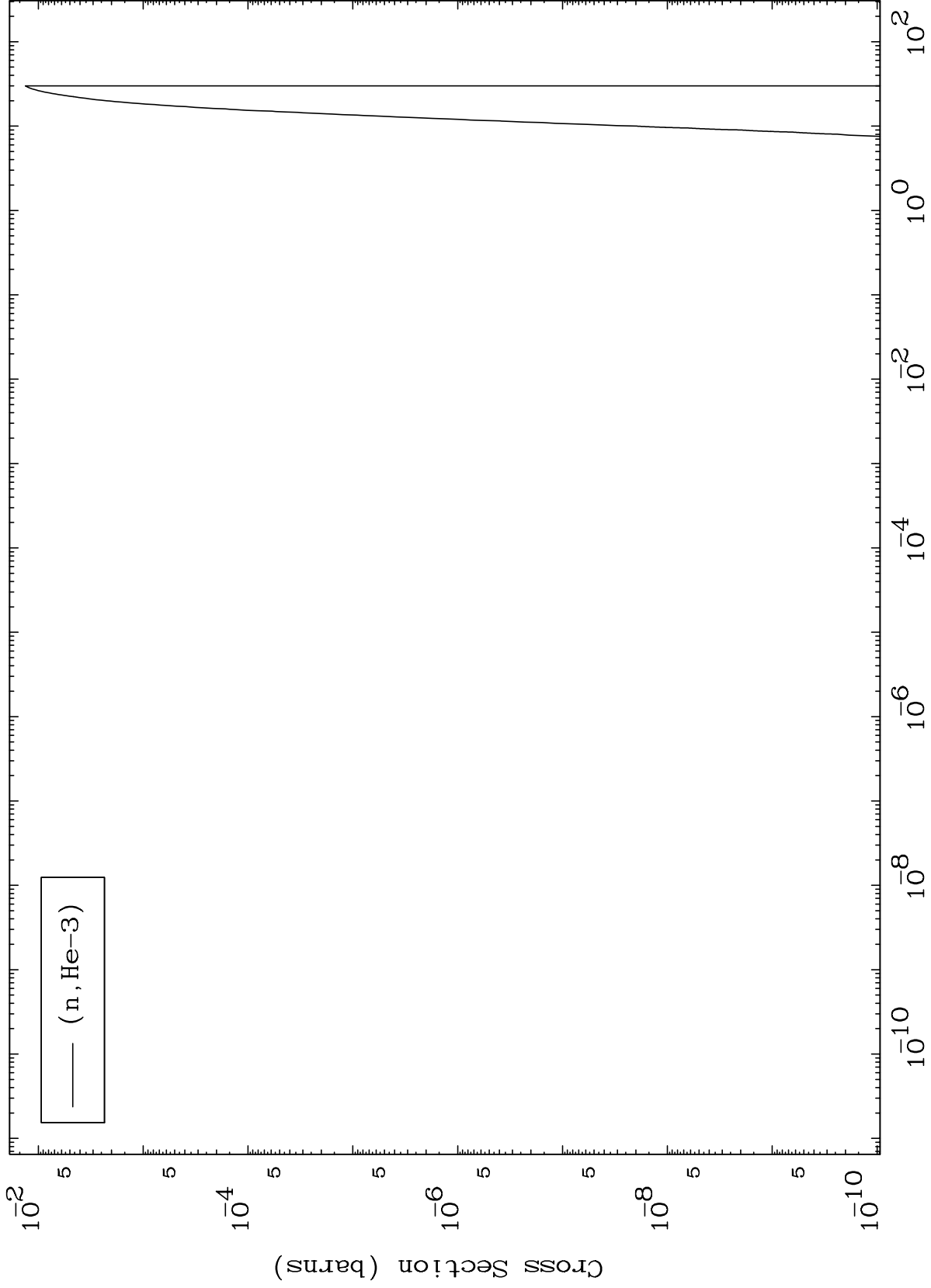
Incident Energy (MeV)

59-Pr-129

MAT 5889

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-129



15

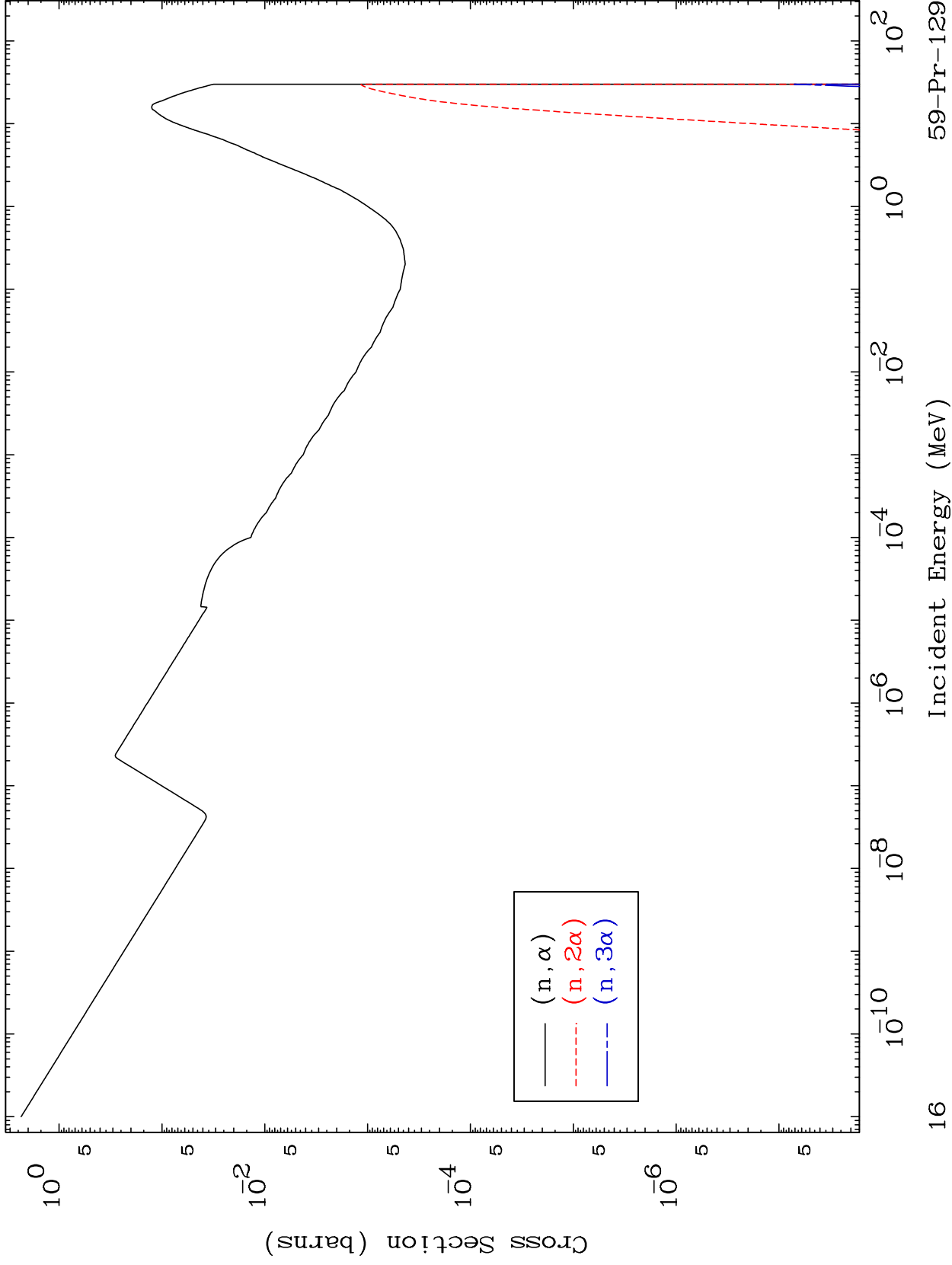
Incident Energy (MeV)

59-Pr-129

MAT 5889

(n, α) Levels
293 Kelvin Cross Sections

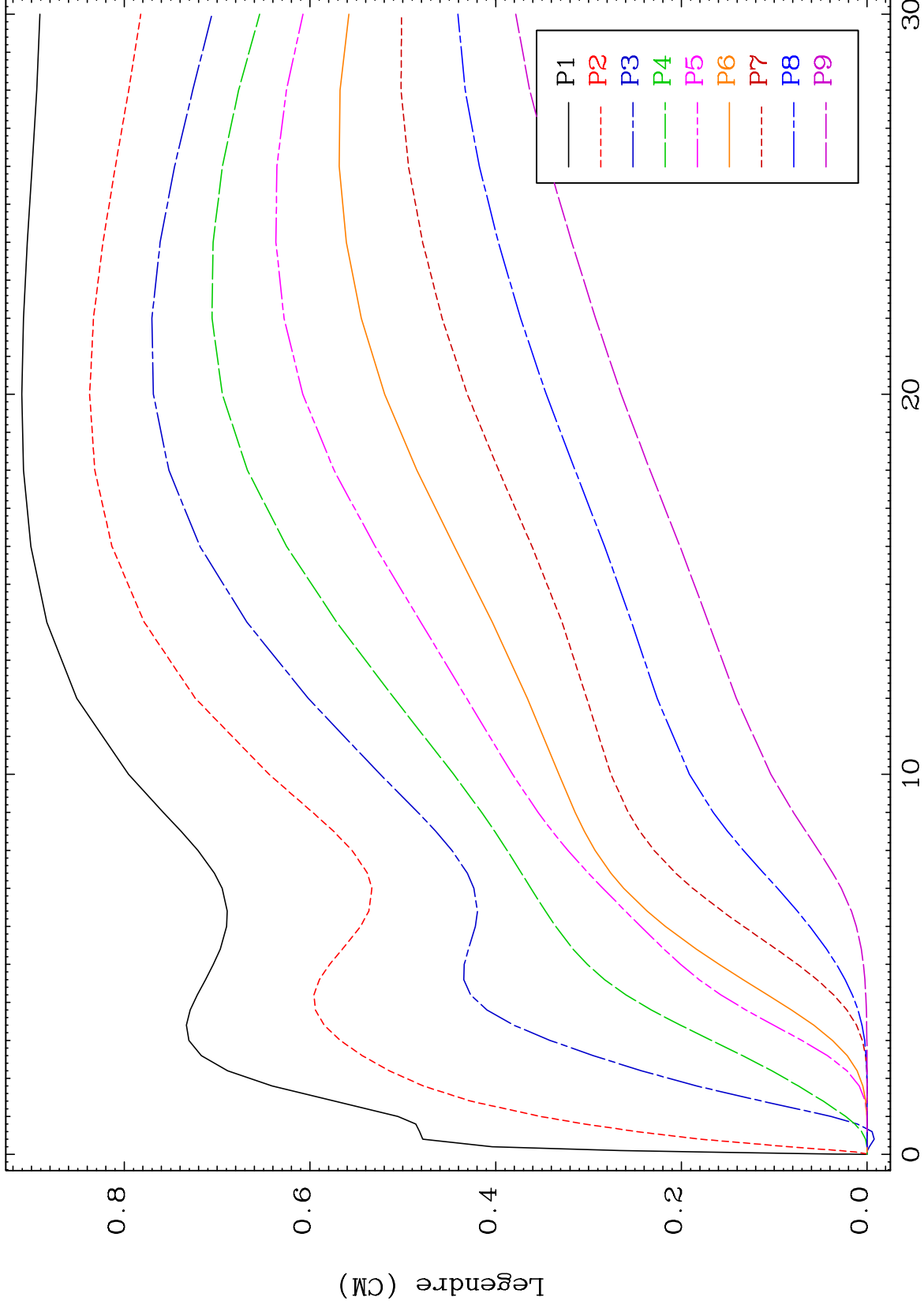
59-Pr-129



MAT 5889

Elastic Legendre Coefficients

59-Pr-129



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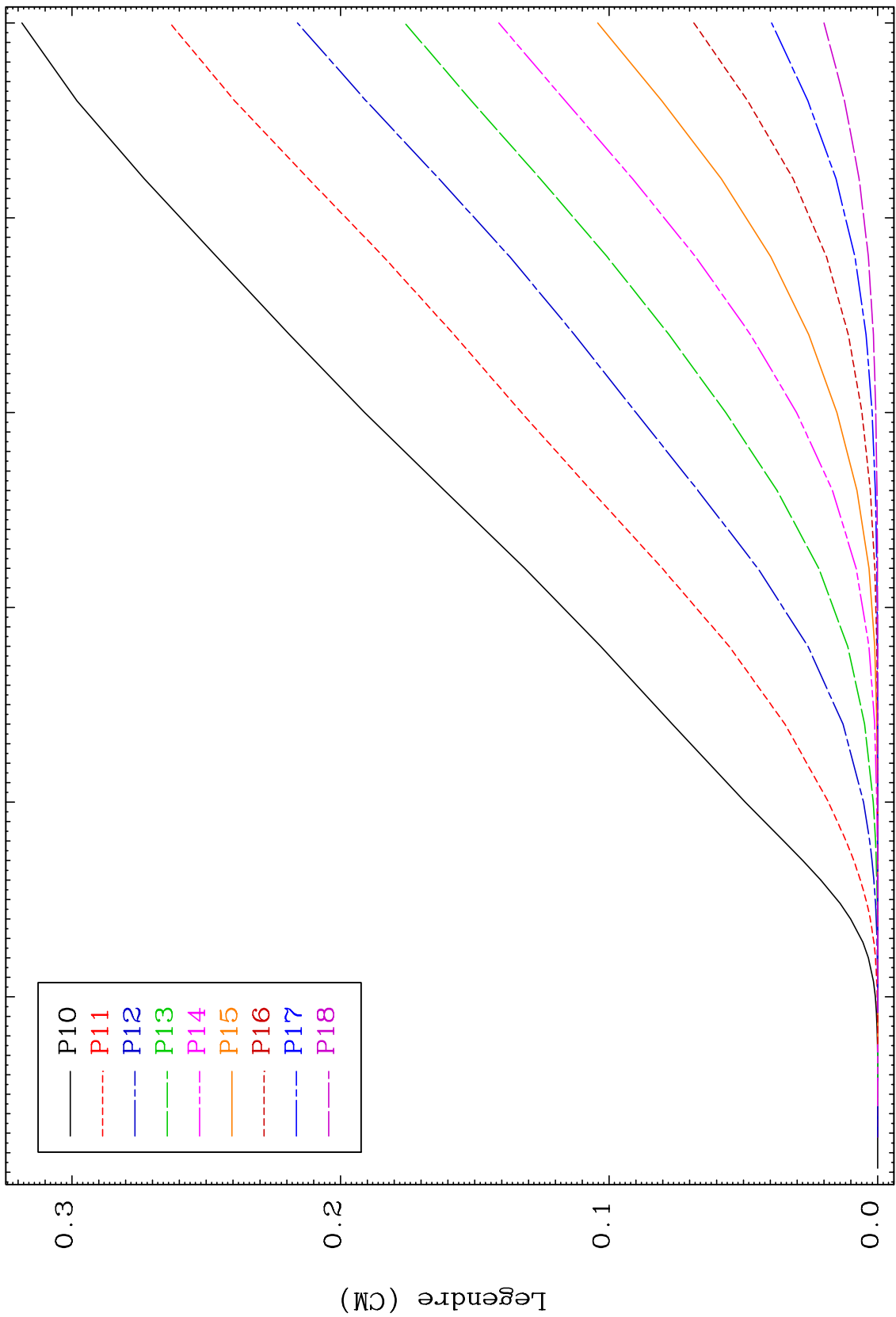
Incident Energy (MeV)

59-Pr-129

MAT 5889

Elastic
Legendre Coefficients

59-Pr-129



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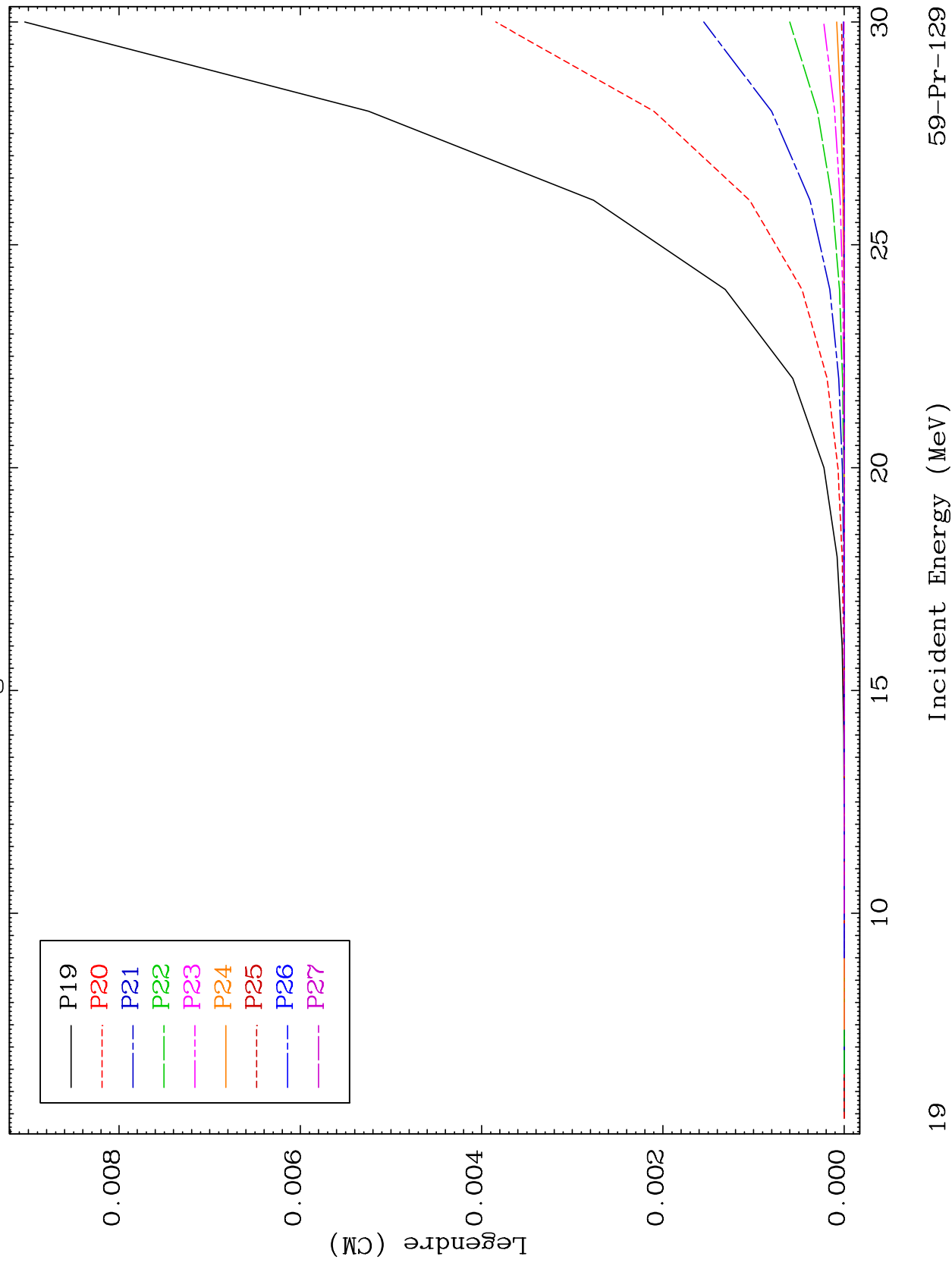
Incident Energy (MeV)

59-Pr-129

MAT 5889

Elastic Legendre Coefficients

59-Pr-129



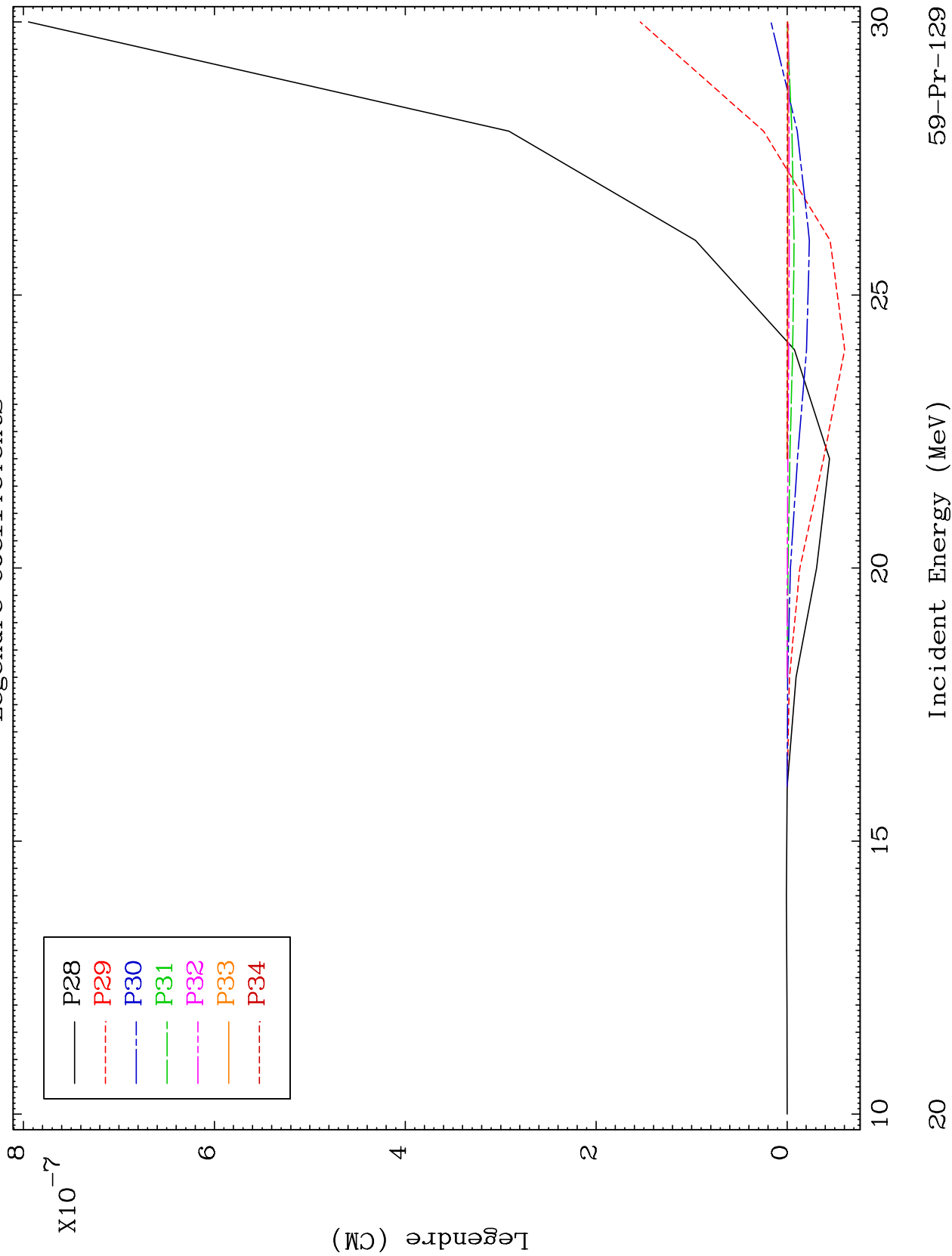
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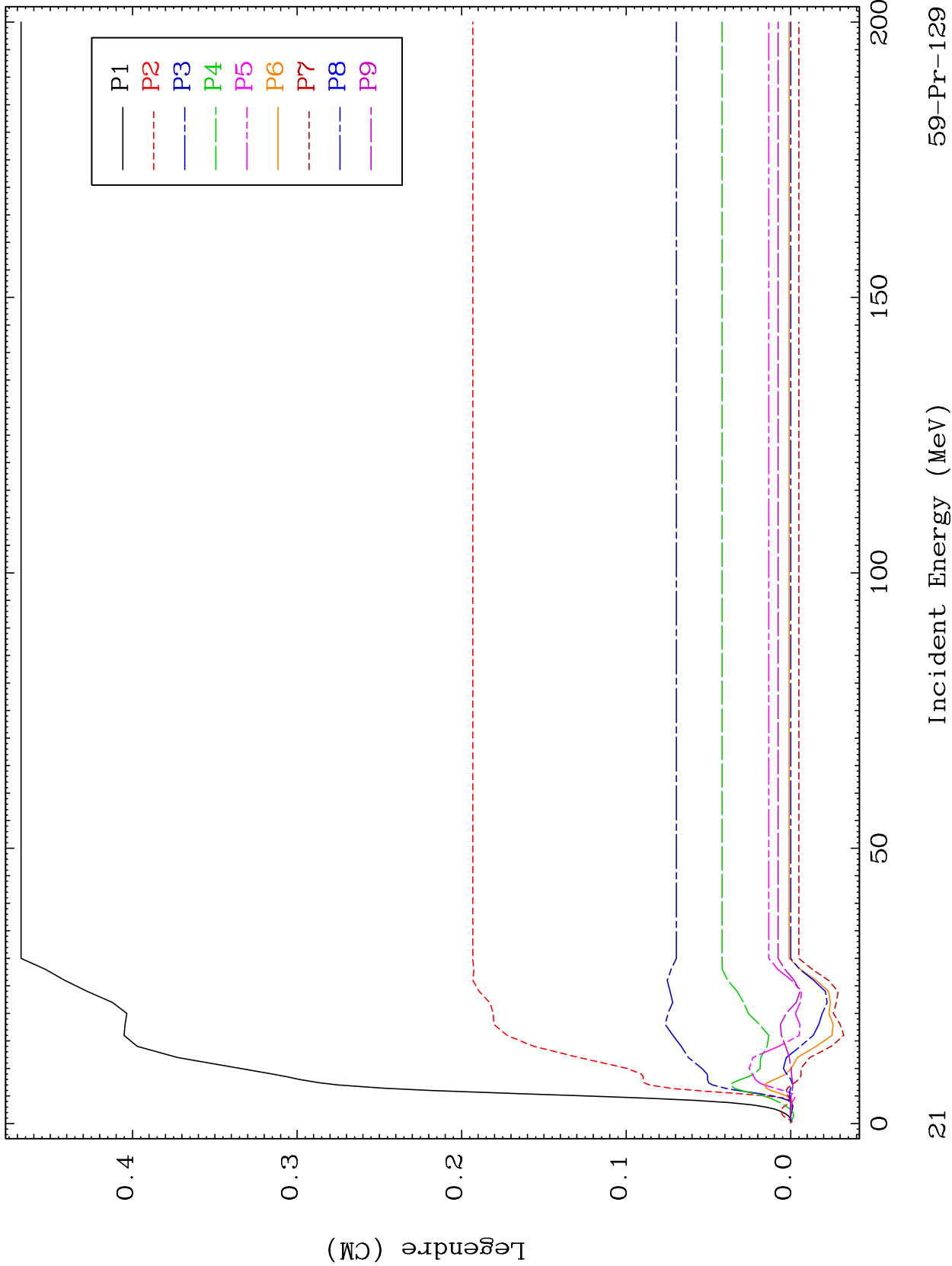
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MAT 5889

Elastic Legendre Coefficients

59-Pr-129

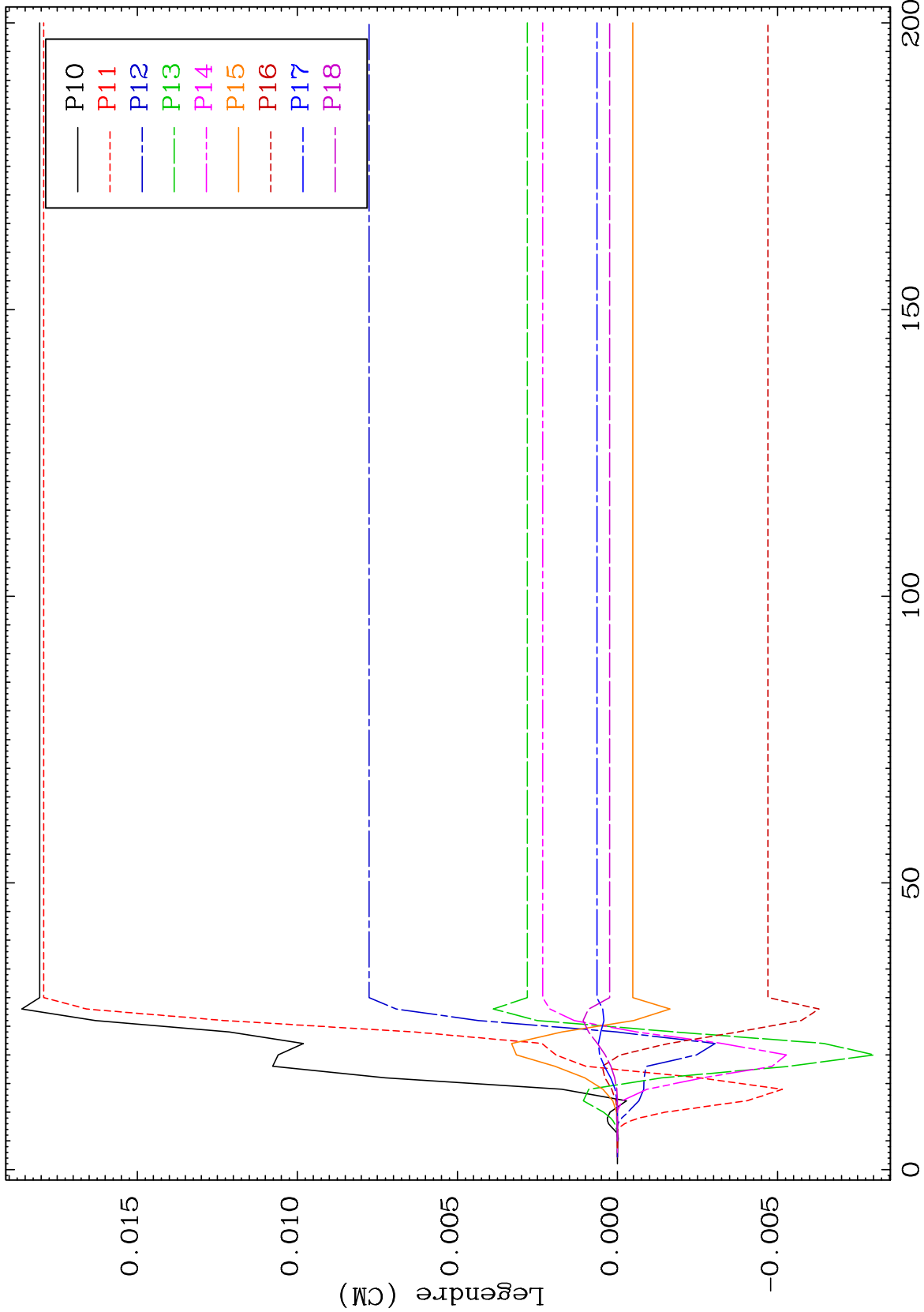


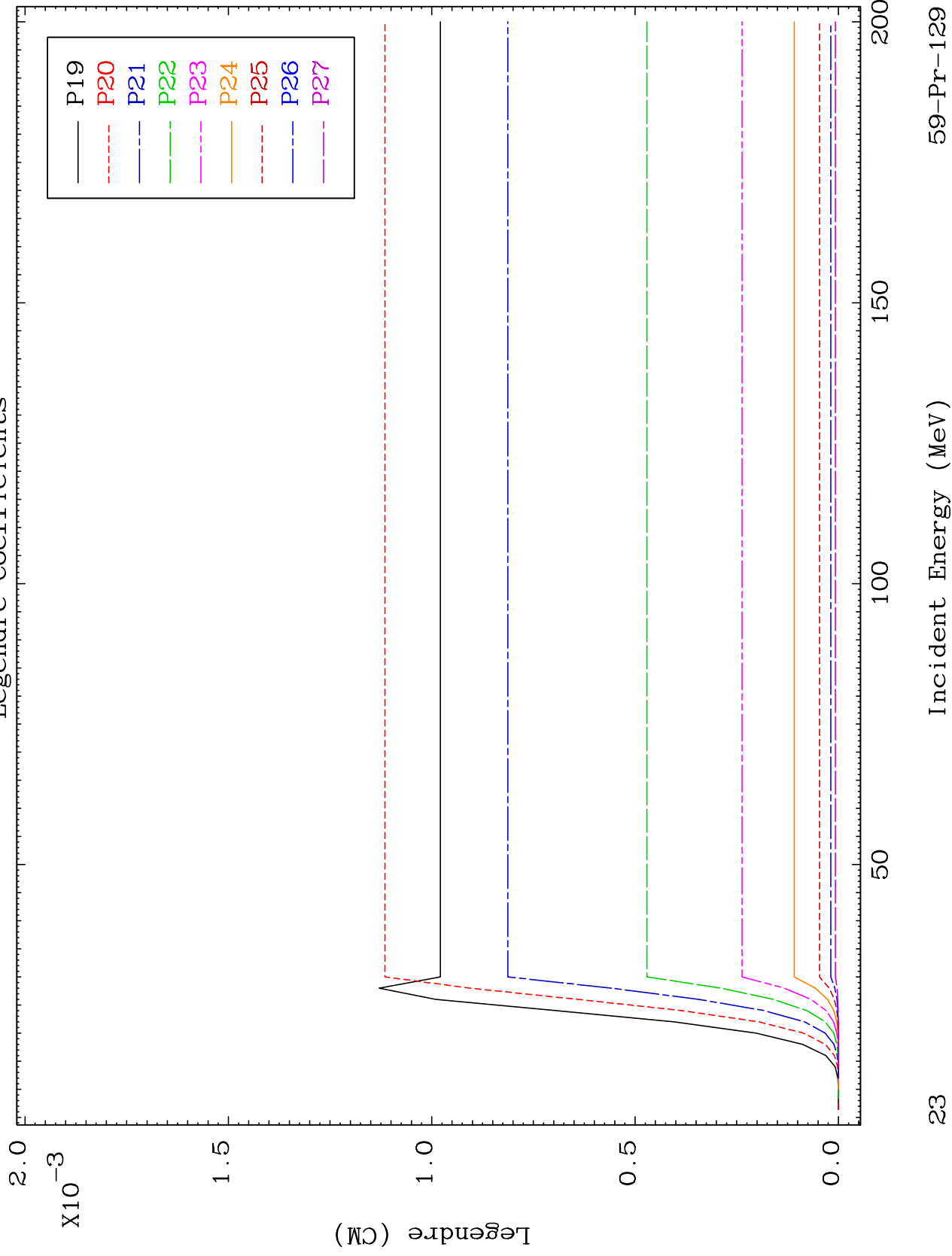


MAT 5889

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

59-Pr-129

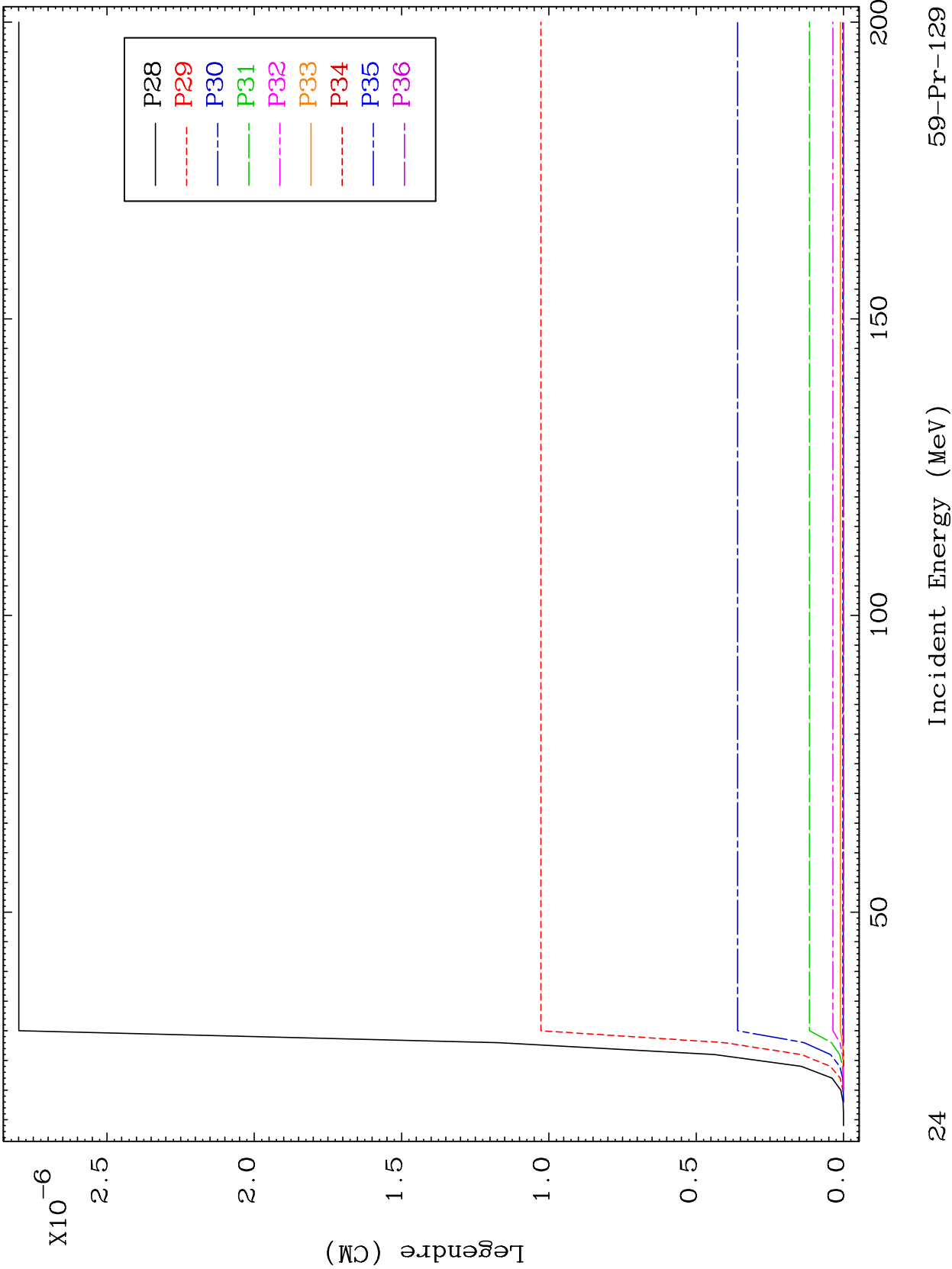




MAT 5889

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

59-Pr-129



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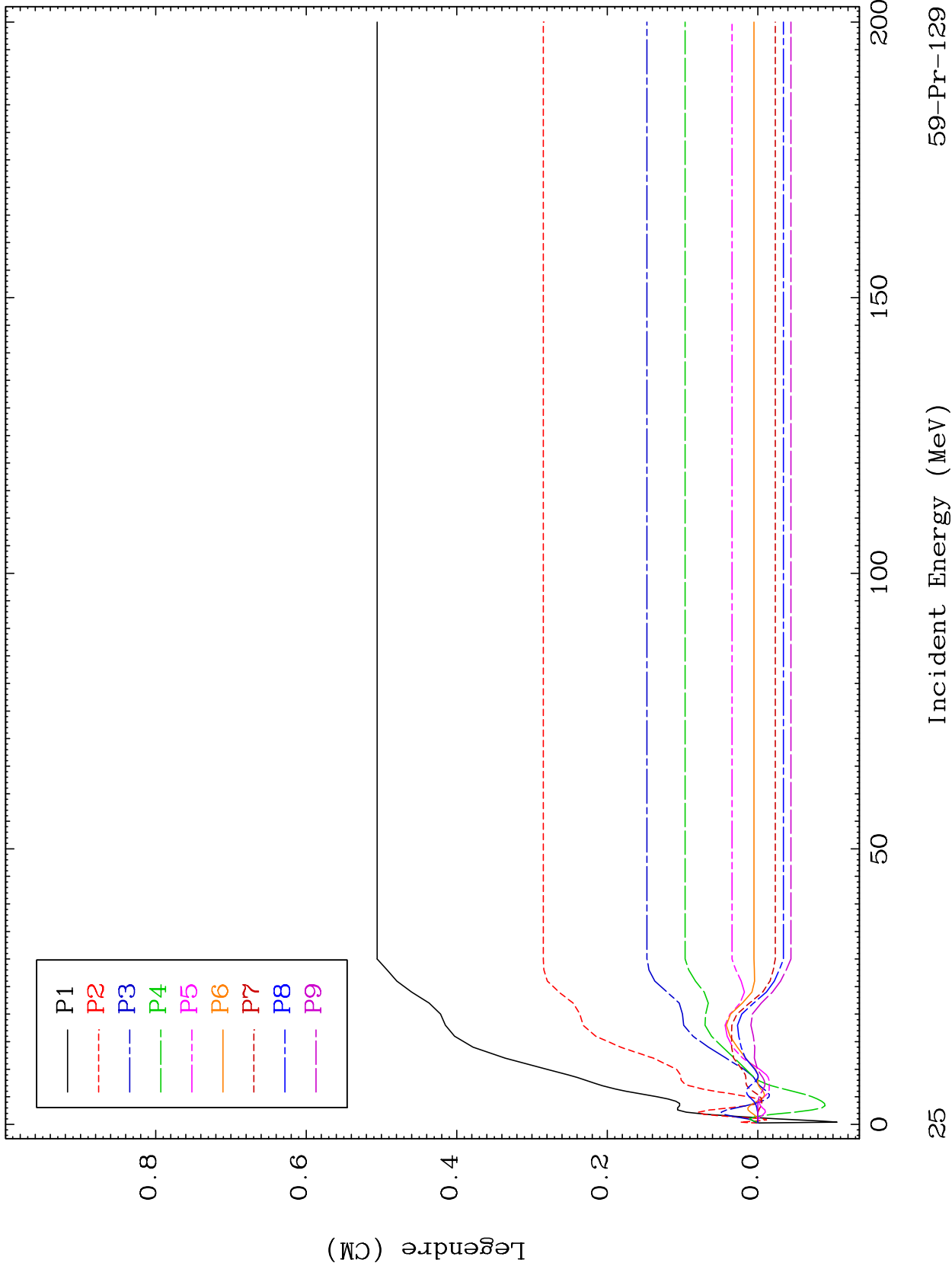
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

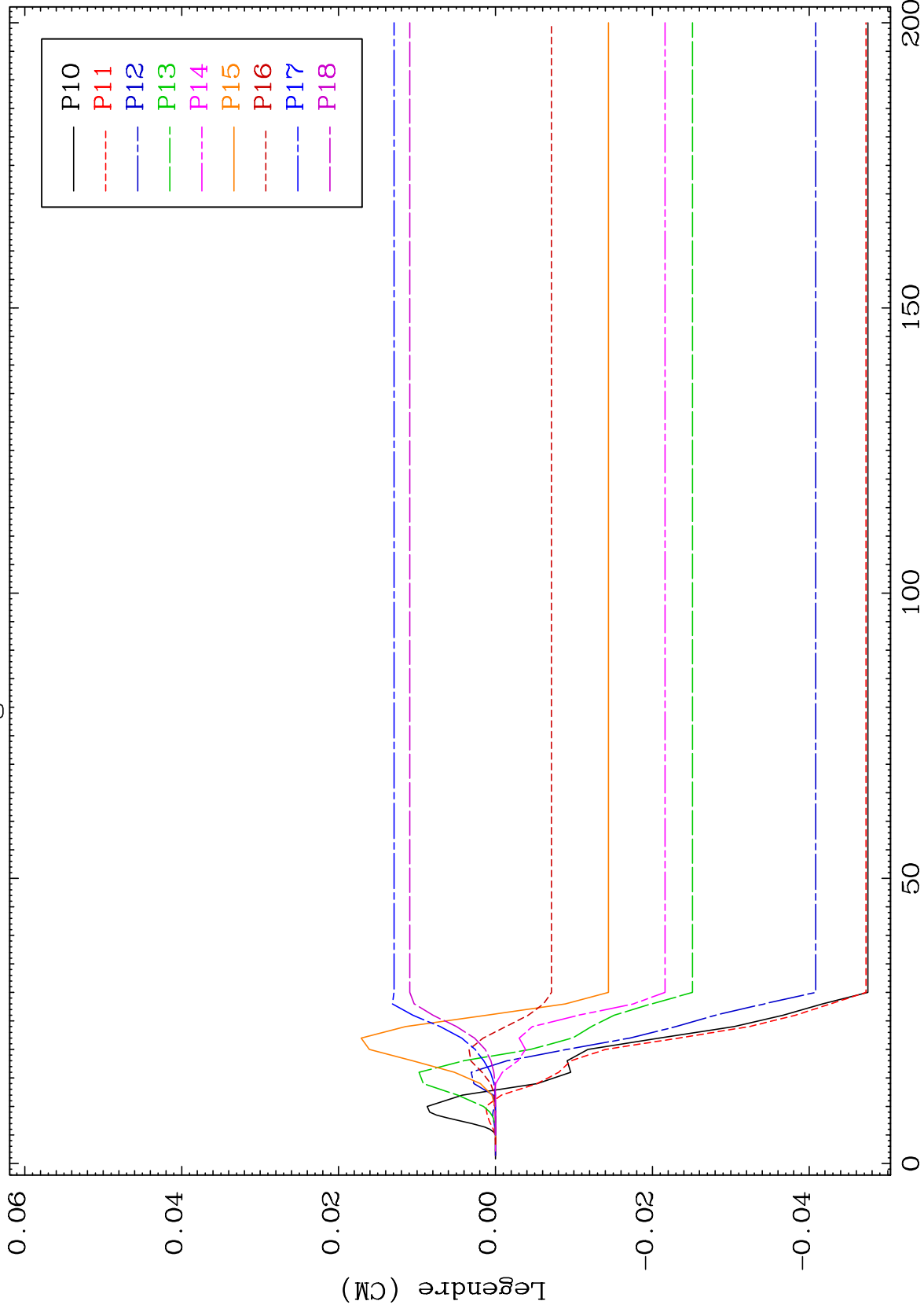
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MAT 5889

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

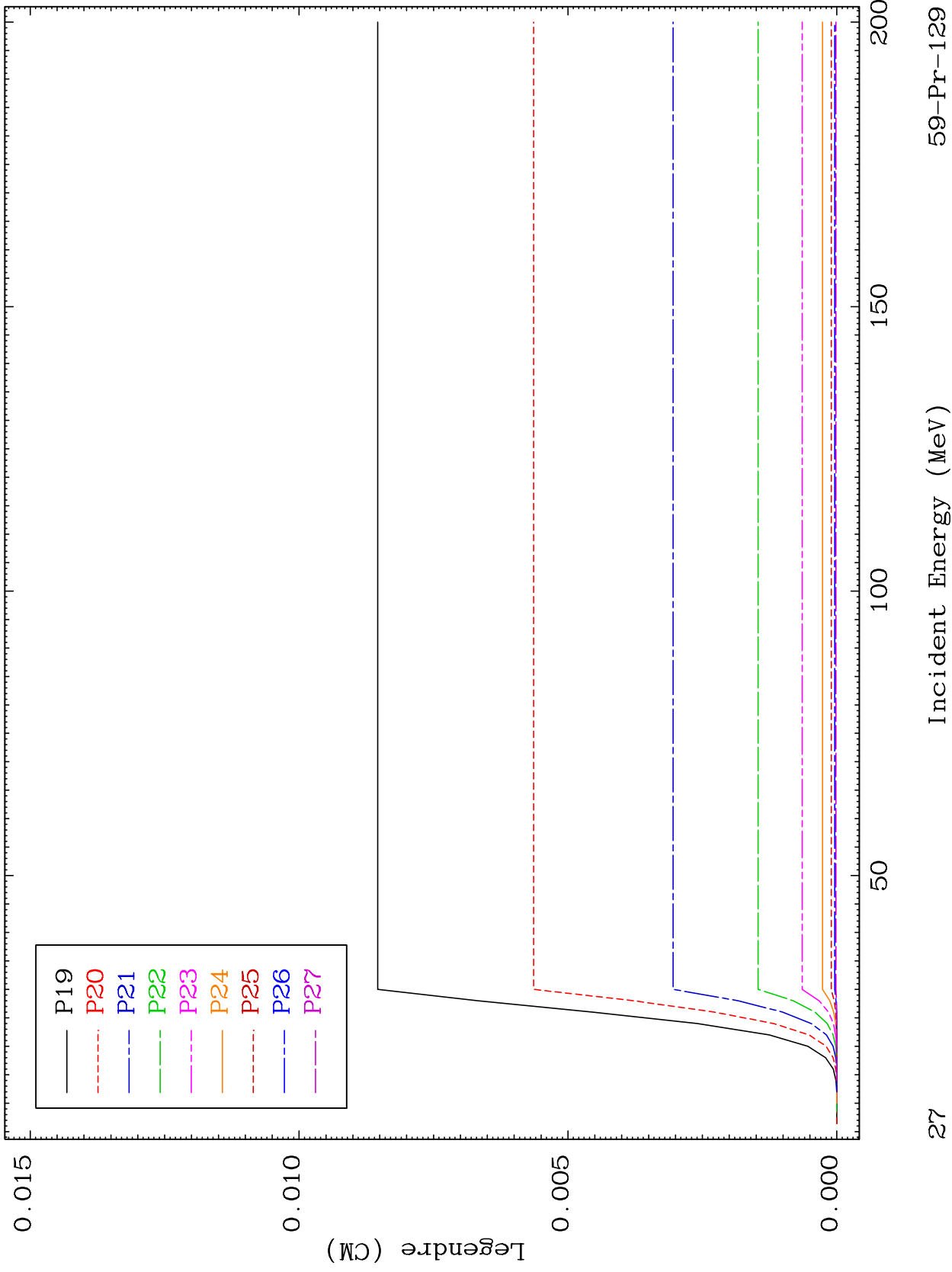
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Incident Energy (MeV)

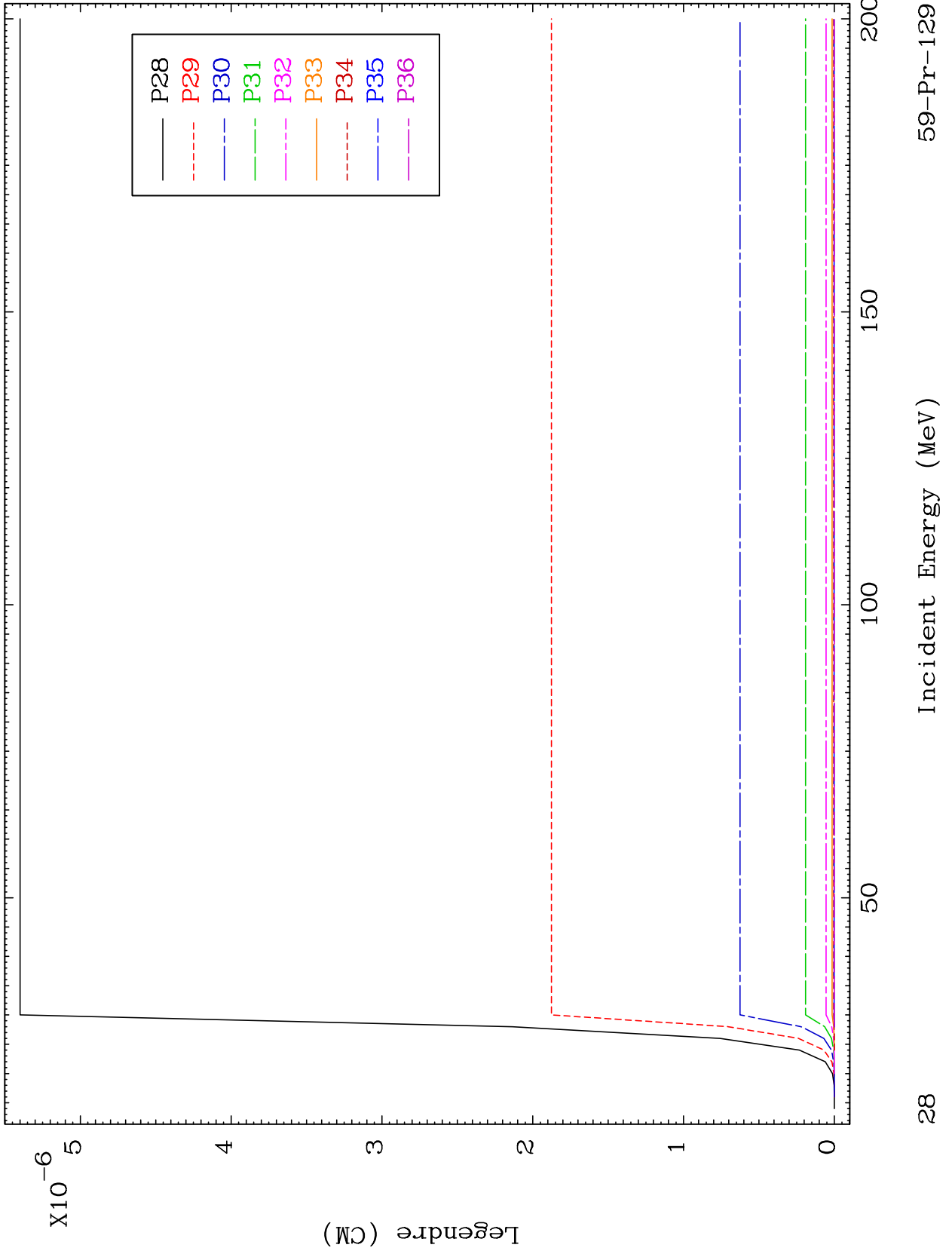
59-Pr-129



MAT 5889

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

59-Pr-129



28

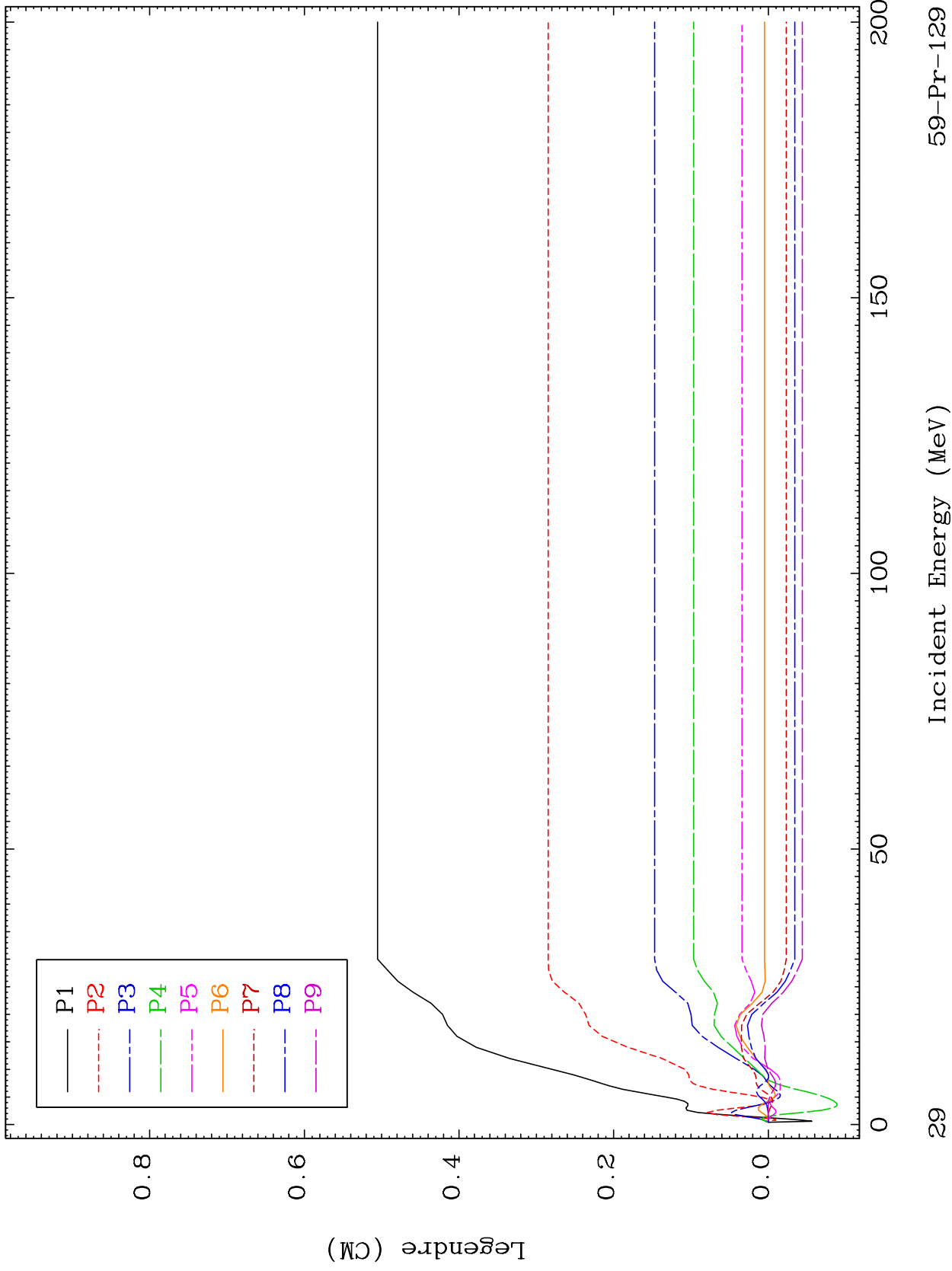
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

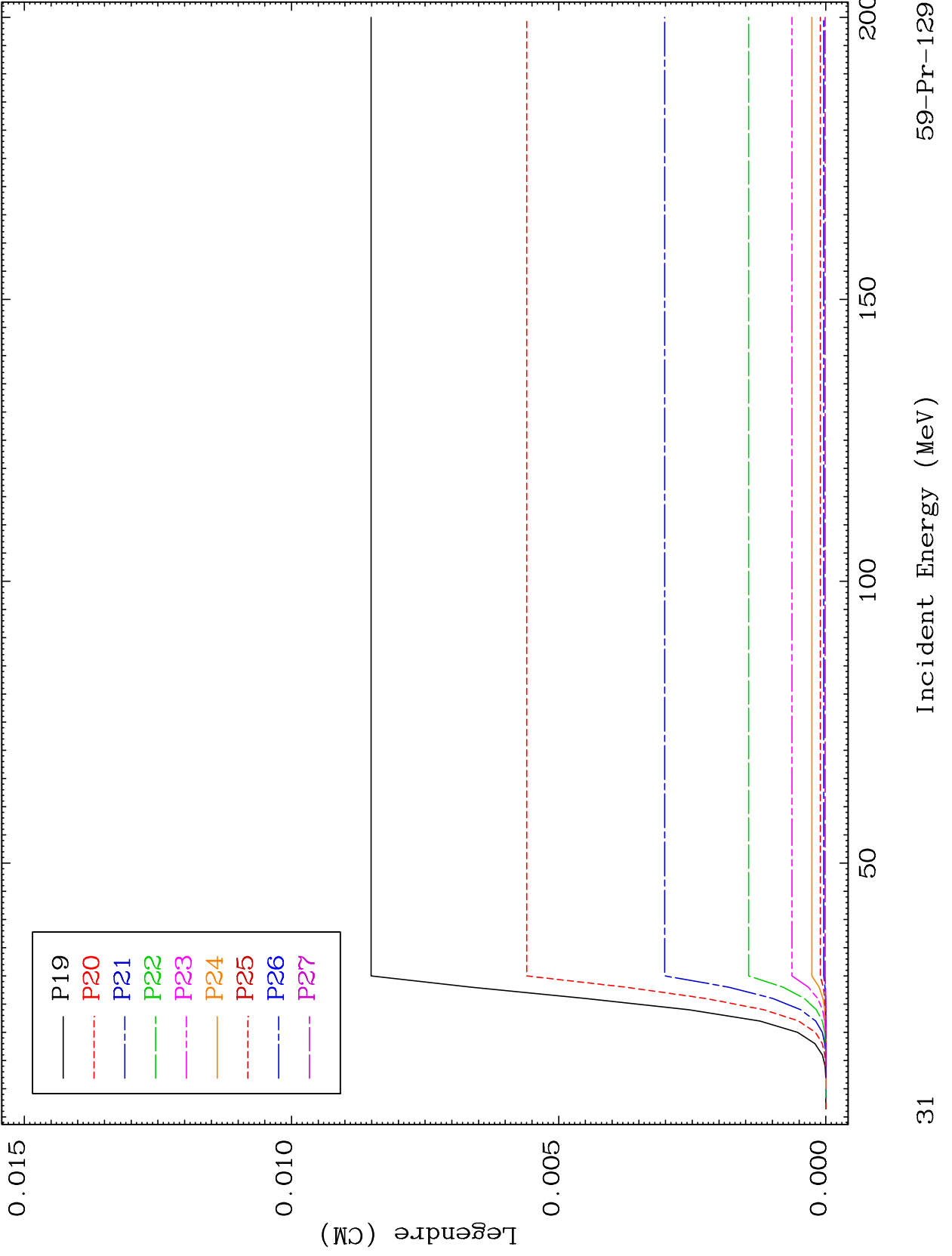
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Incident Energy (MeV)

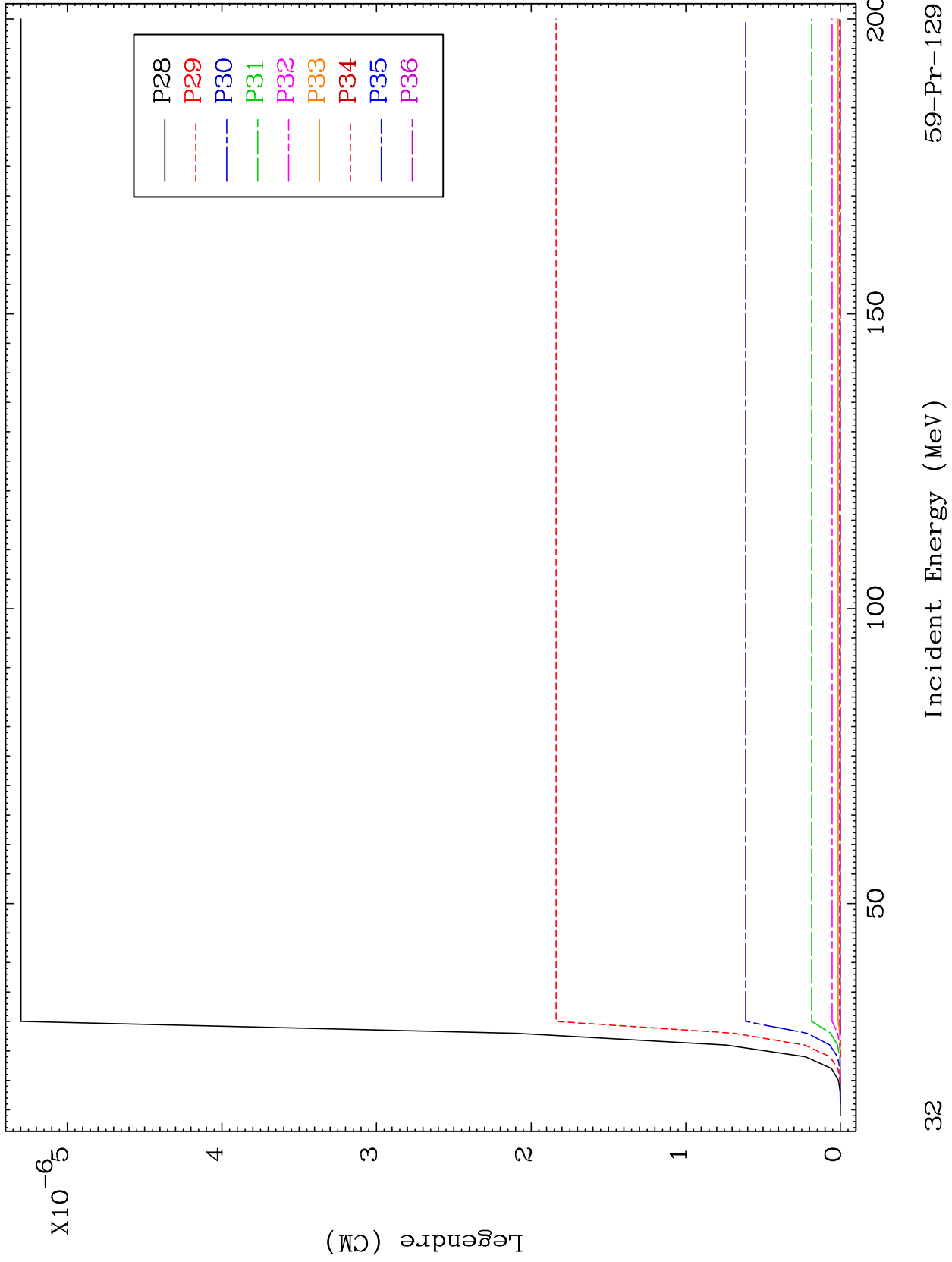
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MAT 5889

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

59-Pr-129



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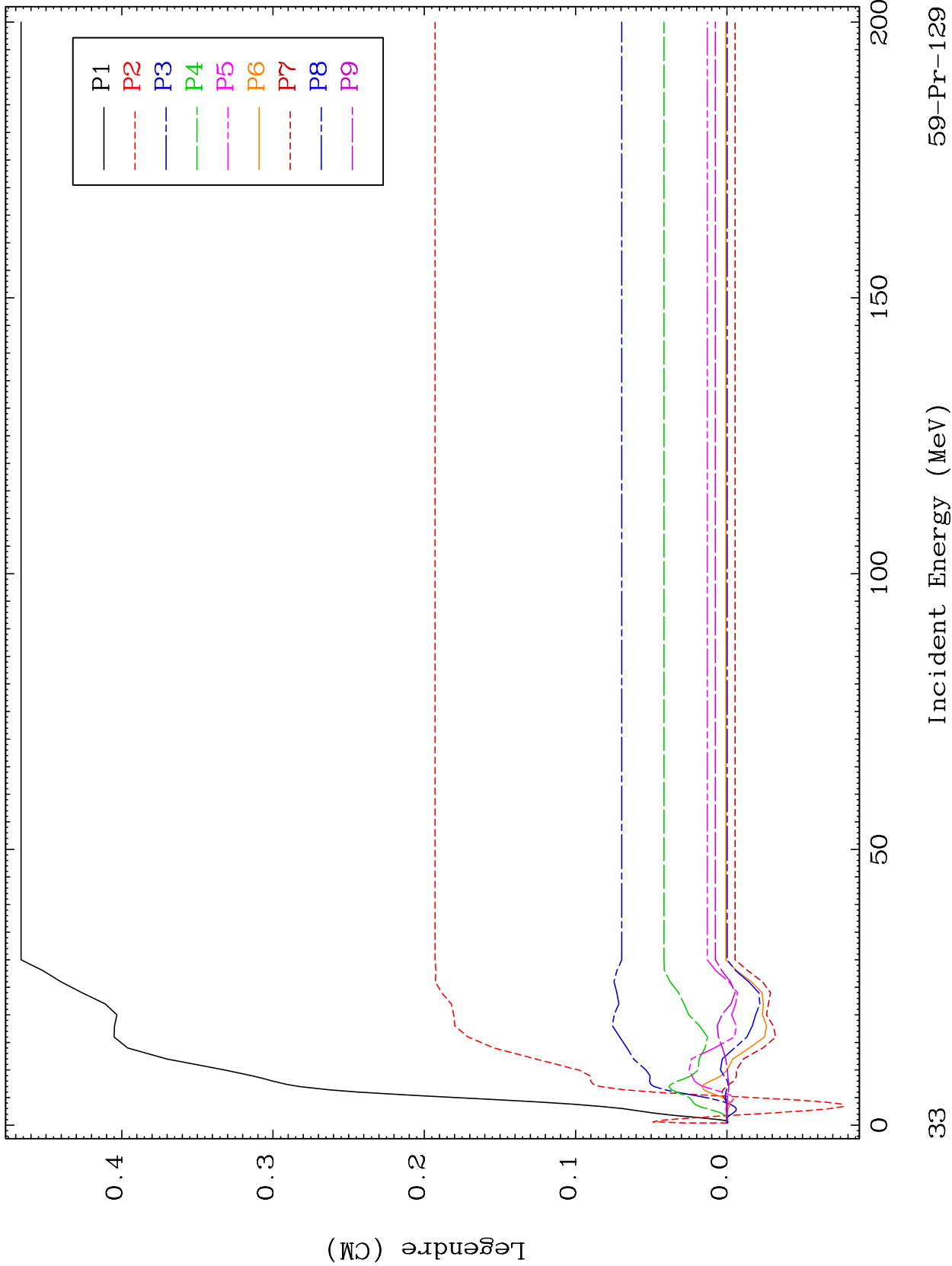
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



59-Pr-129

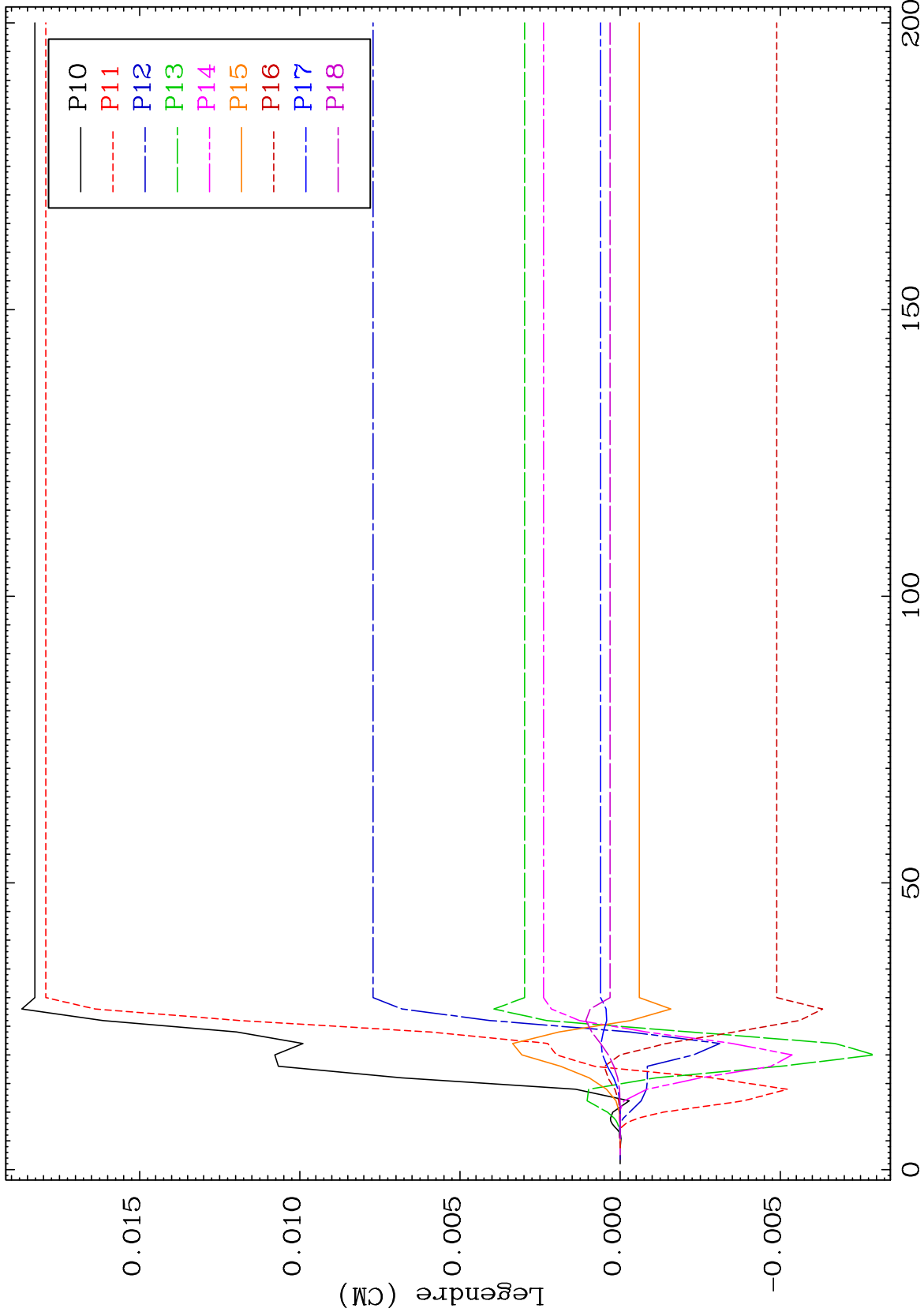
Incident Energy (MeV)

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MAT 5889

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

59-Pr-129



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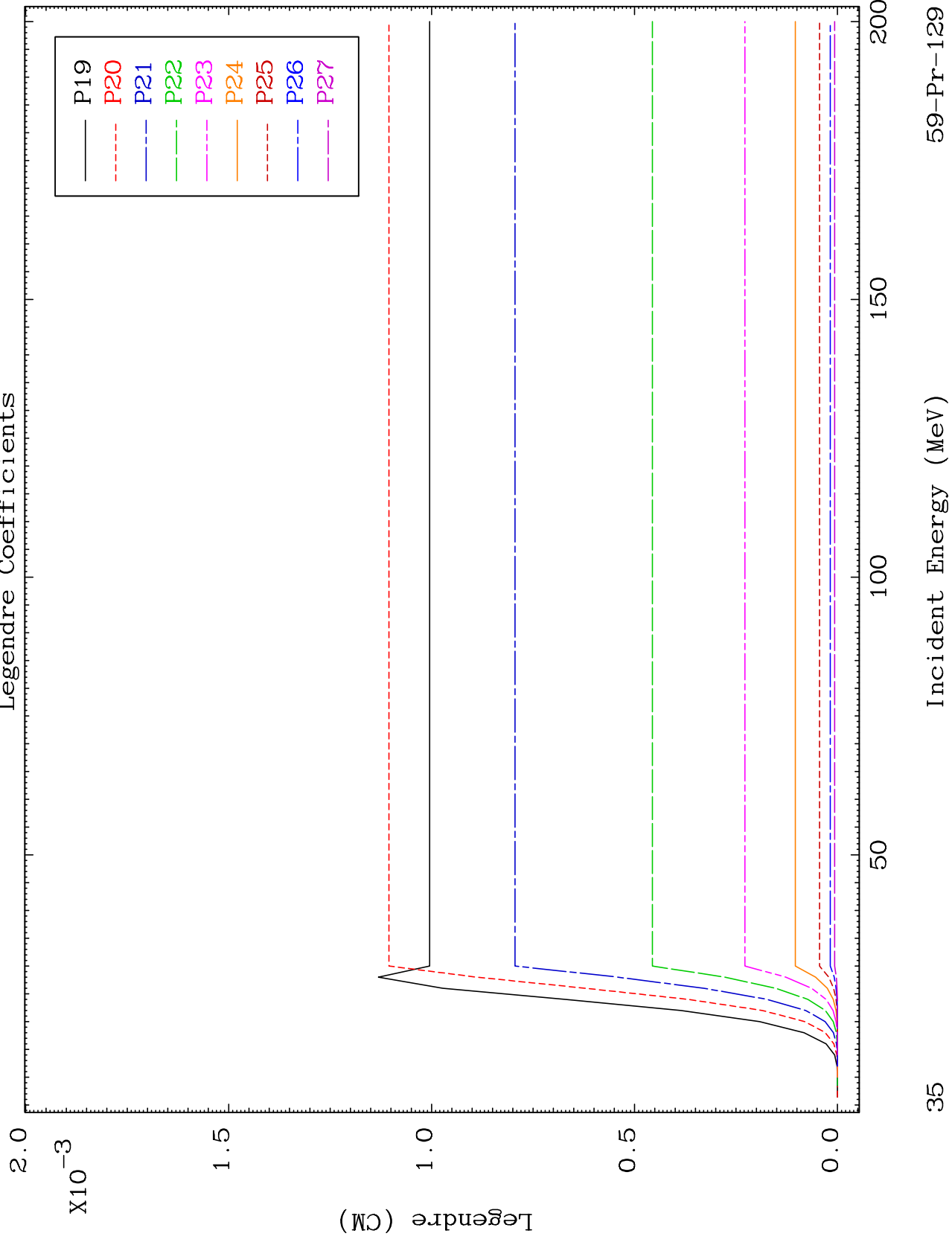
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

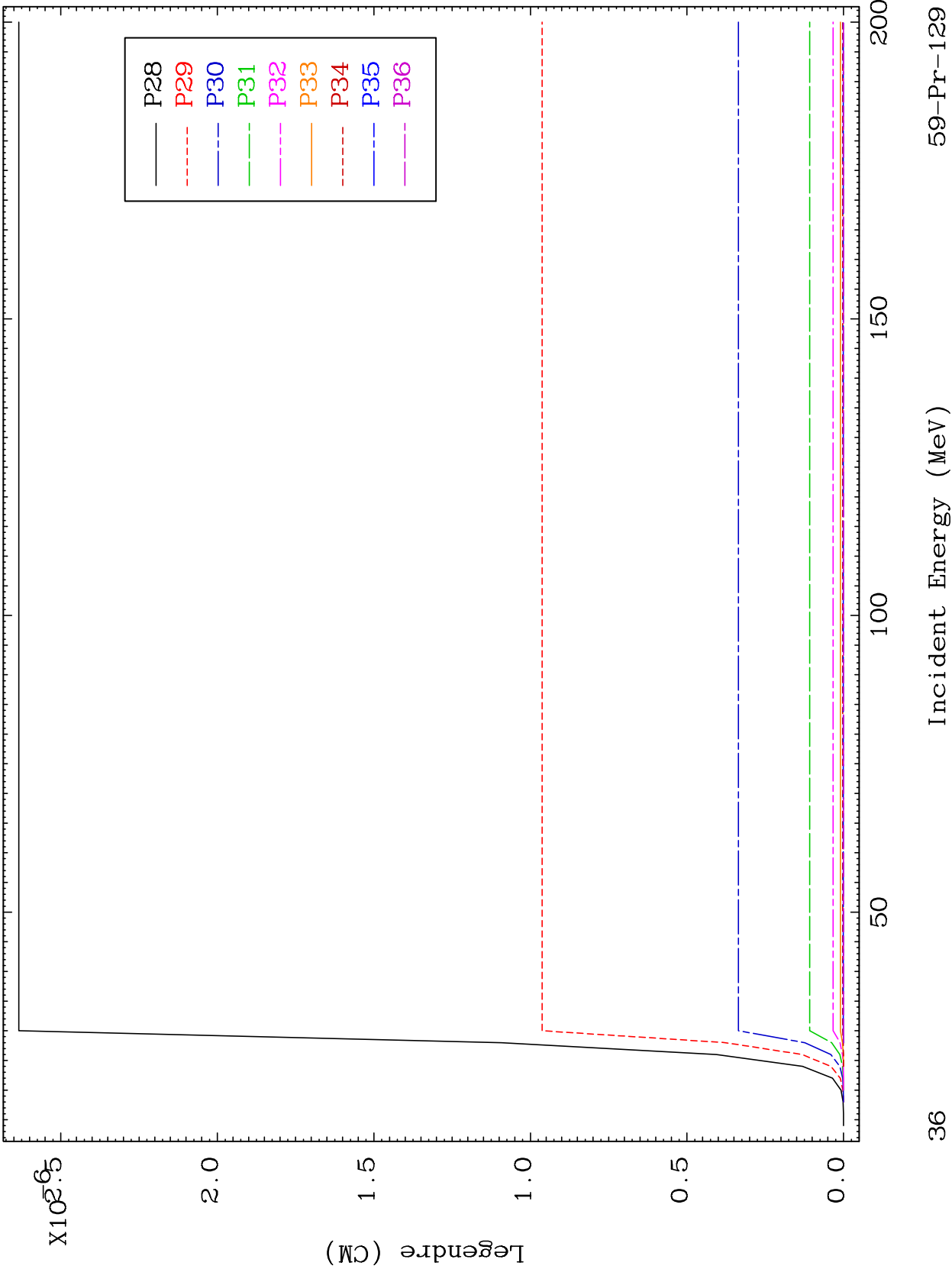
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Incident Energy (MeV)

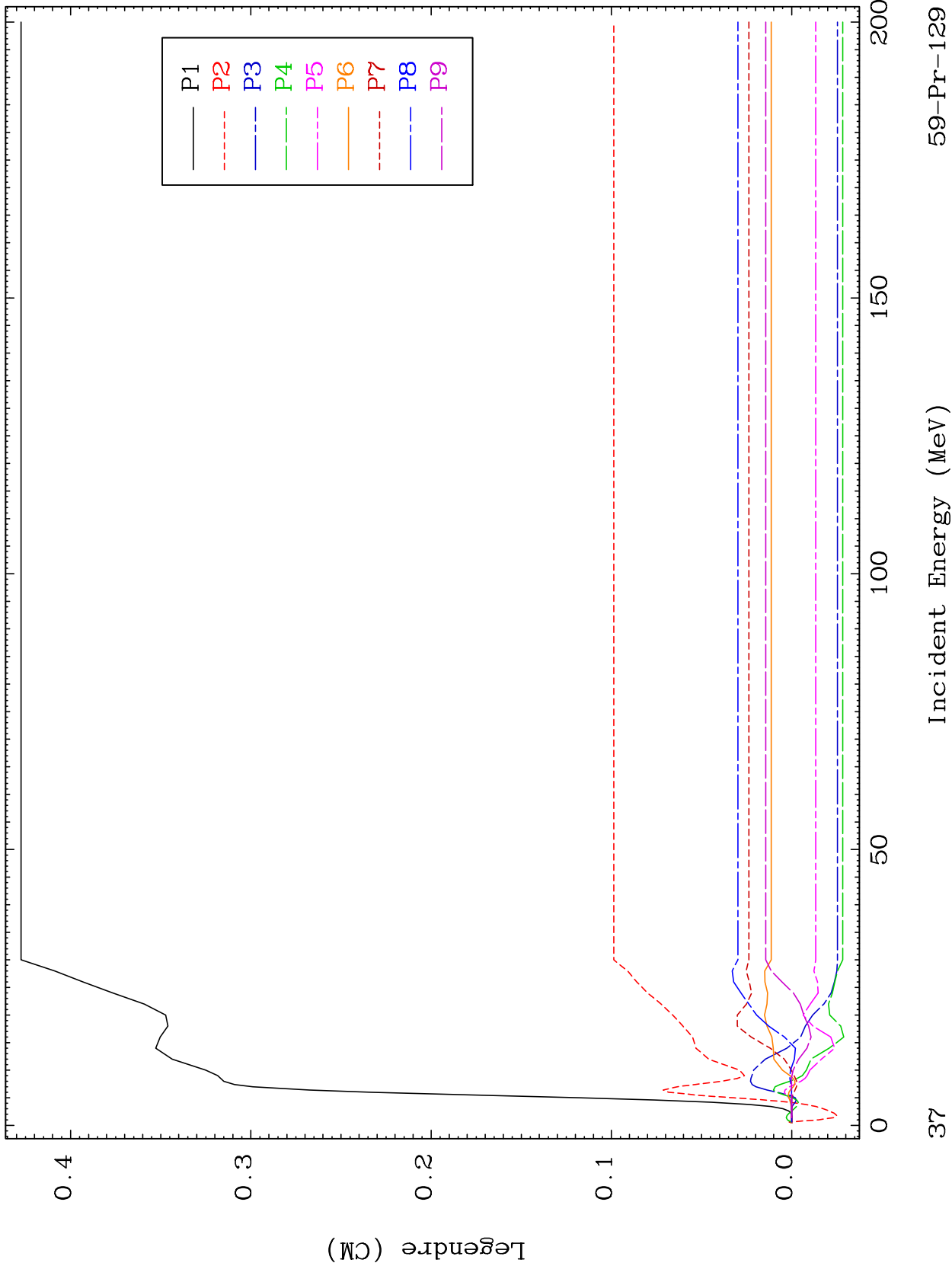
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MAT 5889

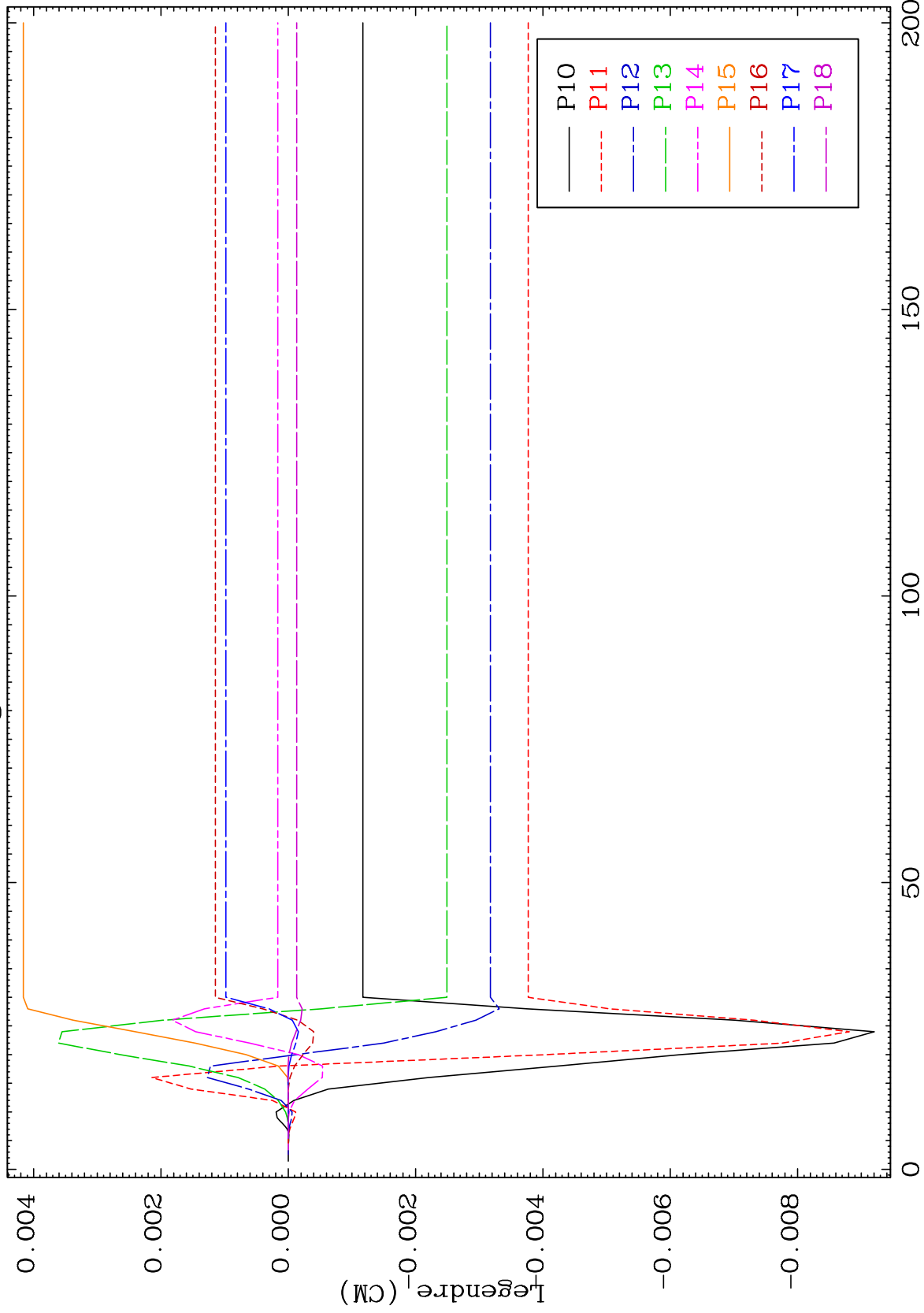
MT= 55 (n,n') Level
Legendre Coefficients

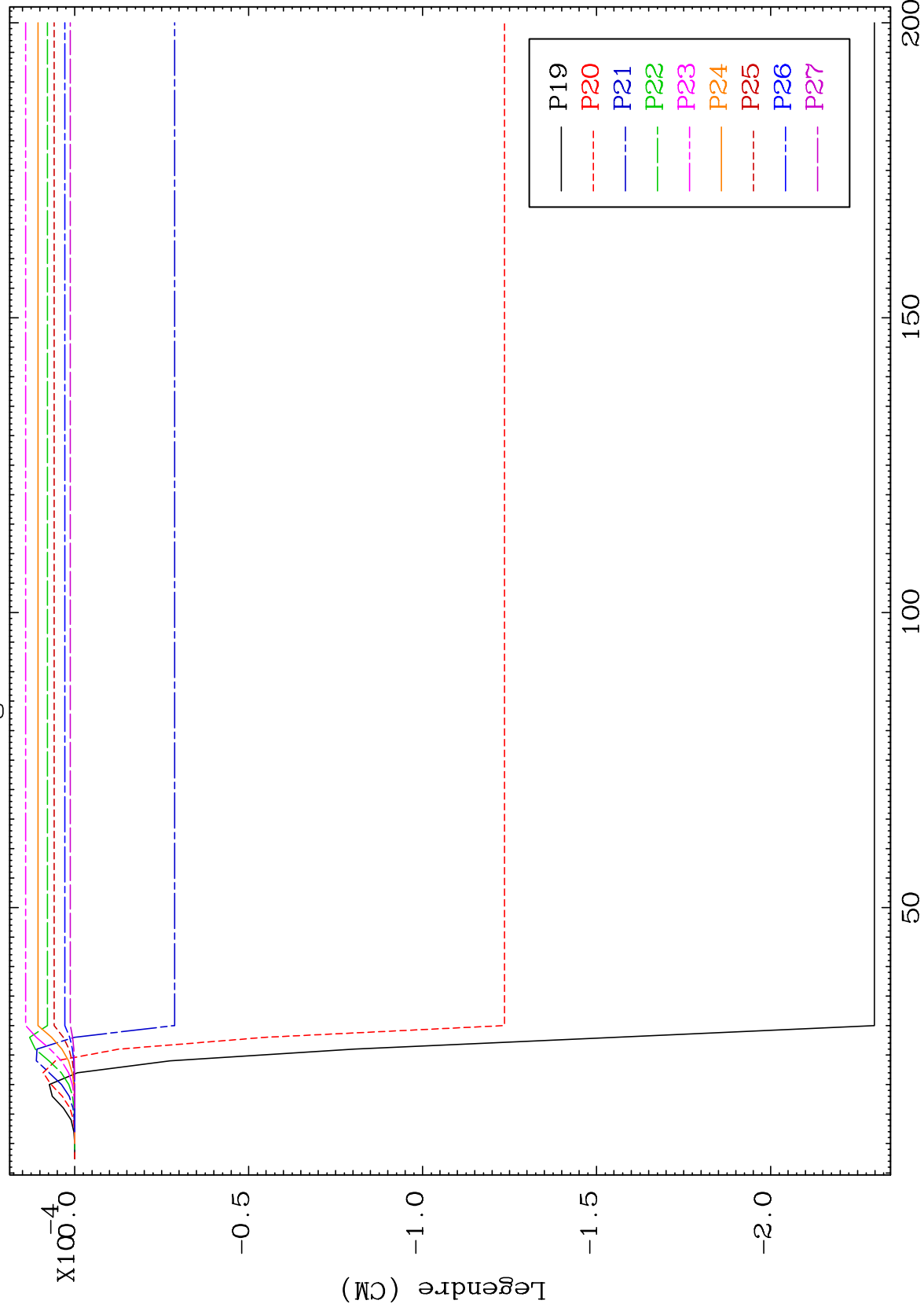
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59-Pr-129

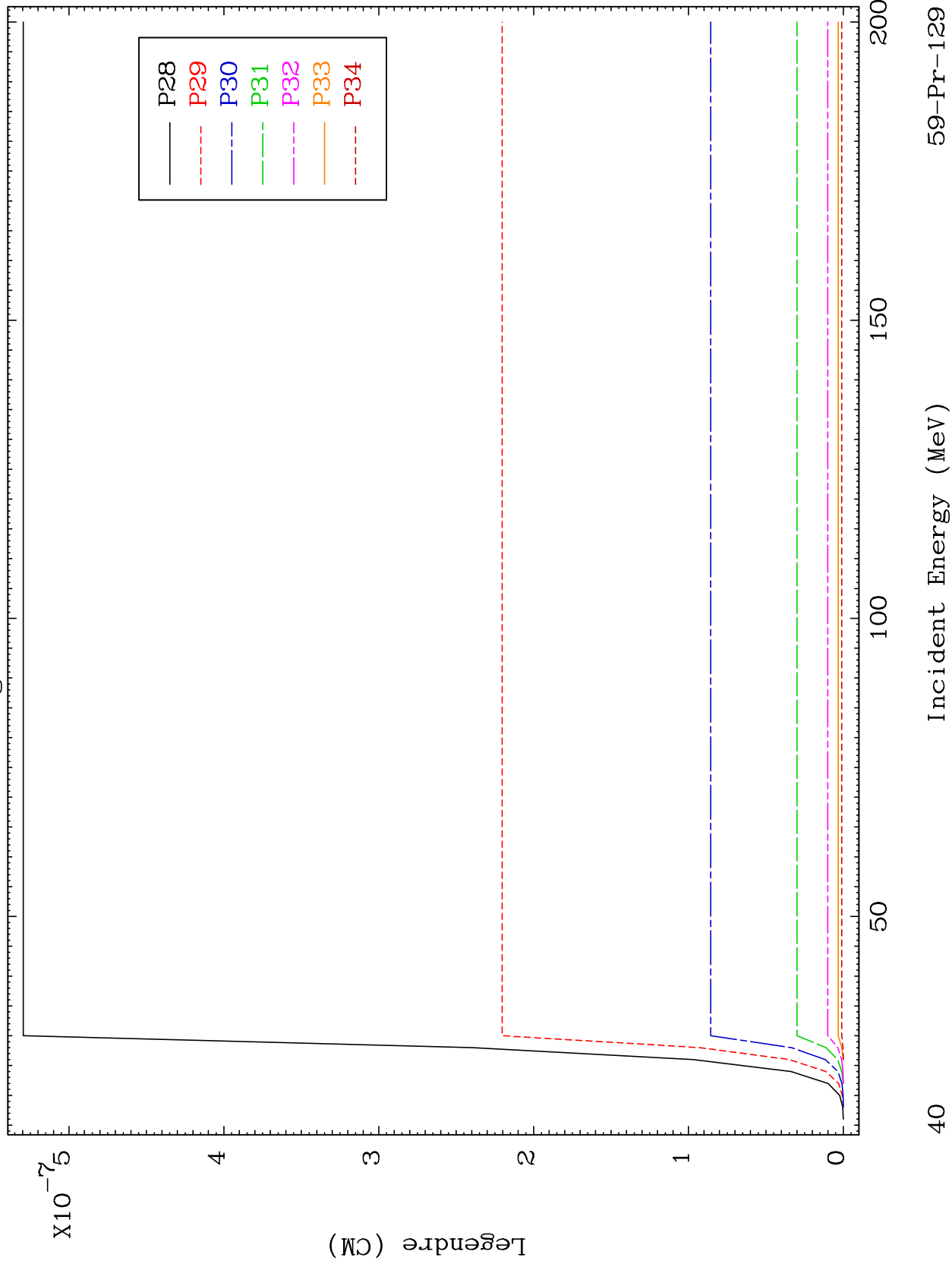




MAT 5889

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

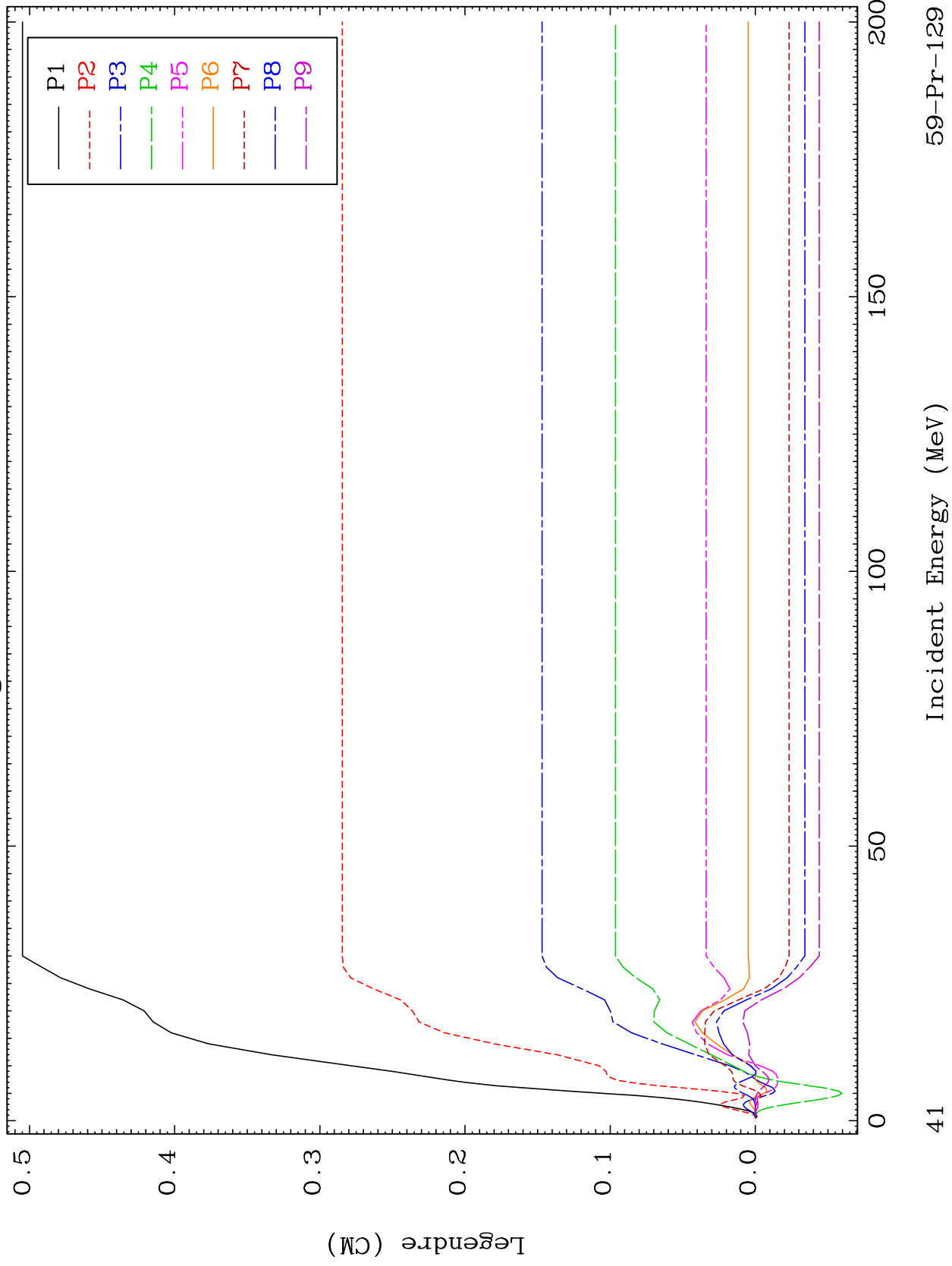
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MAT 5889

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

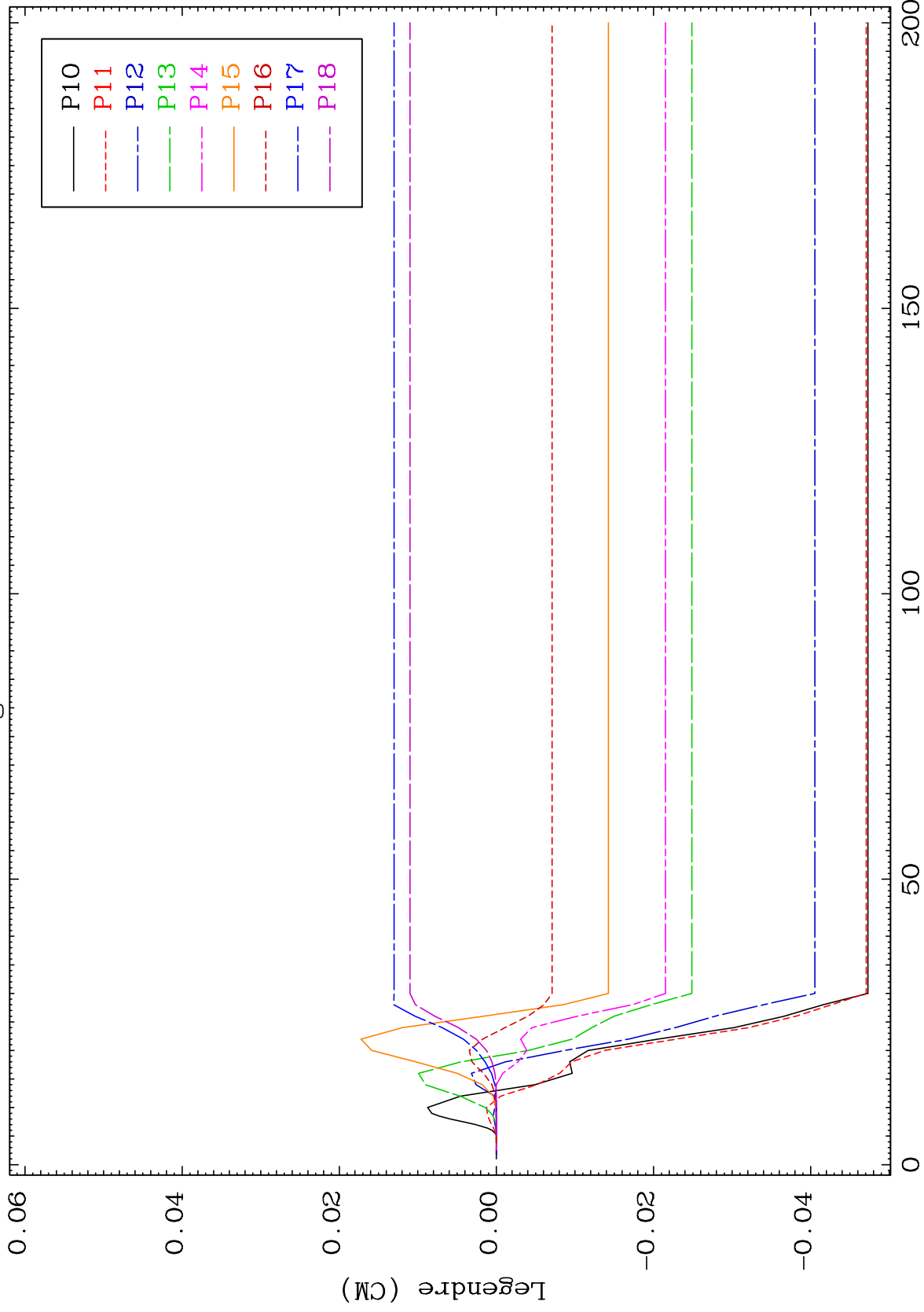
59-Pr-129



MAT 5889

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

59-Pr-129



42

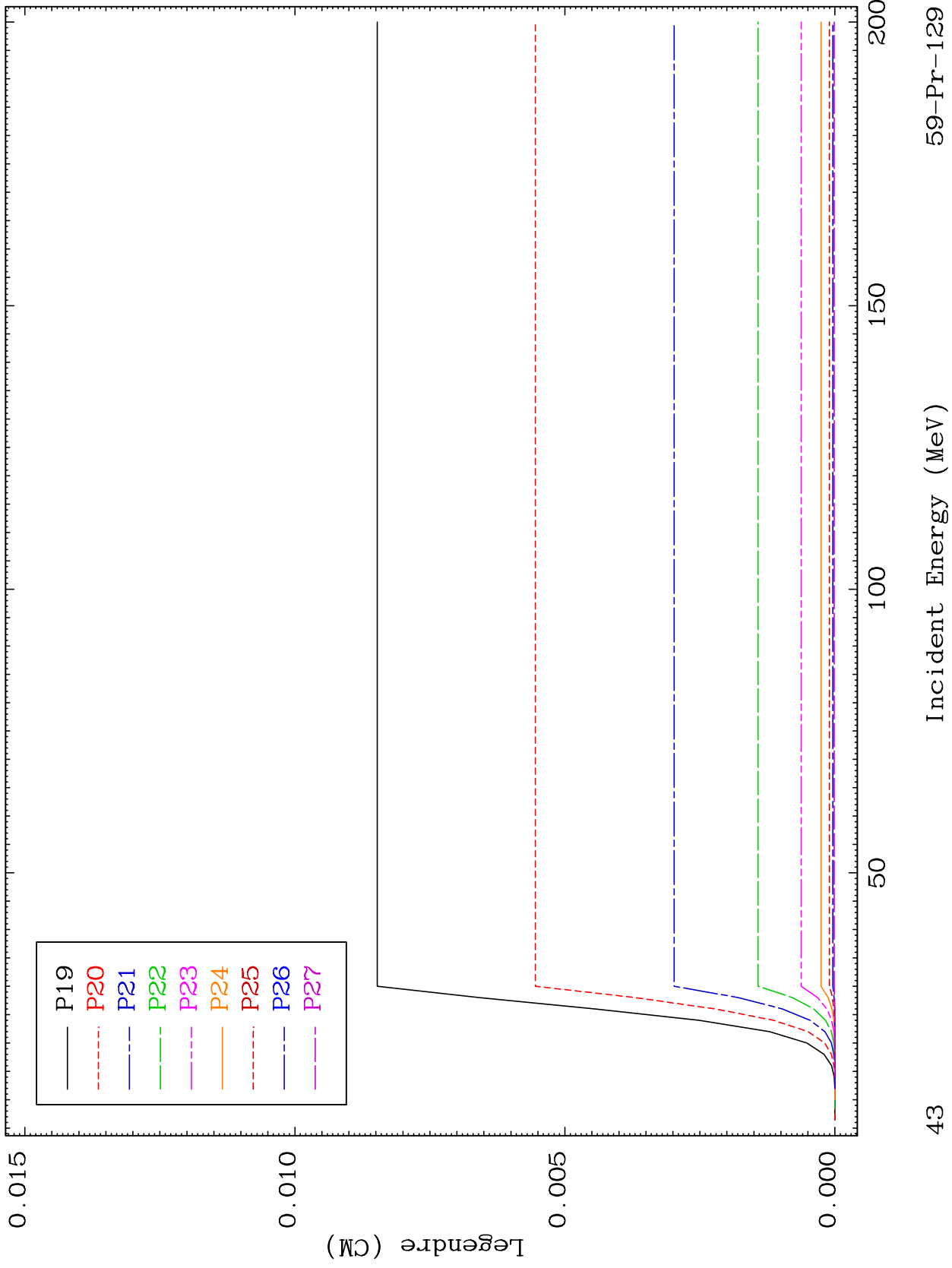
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



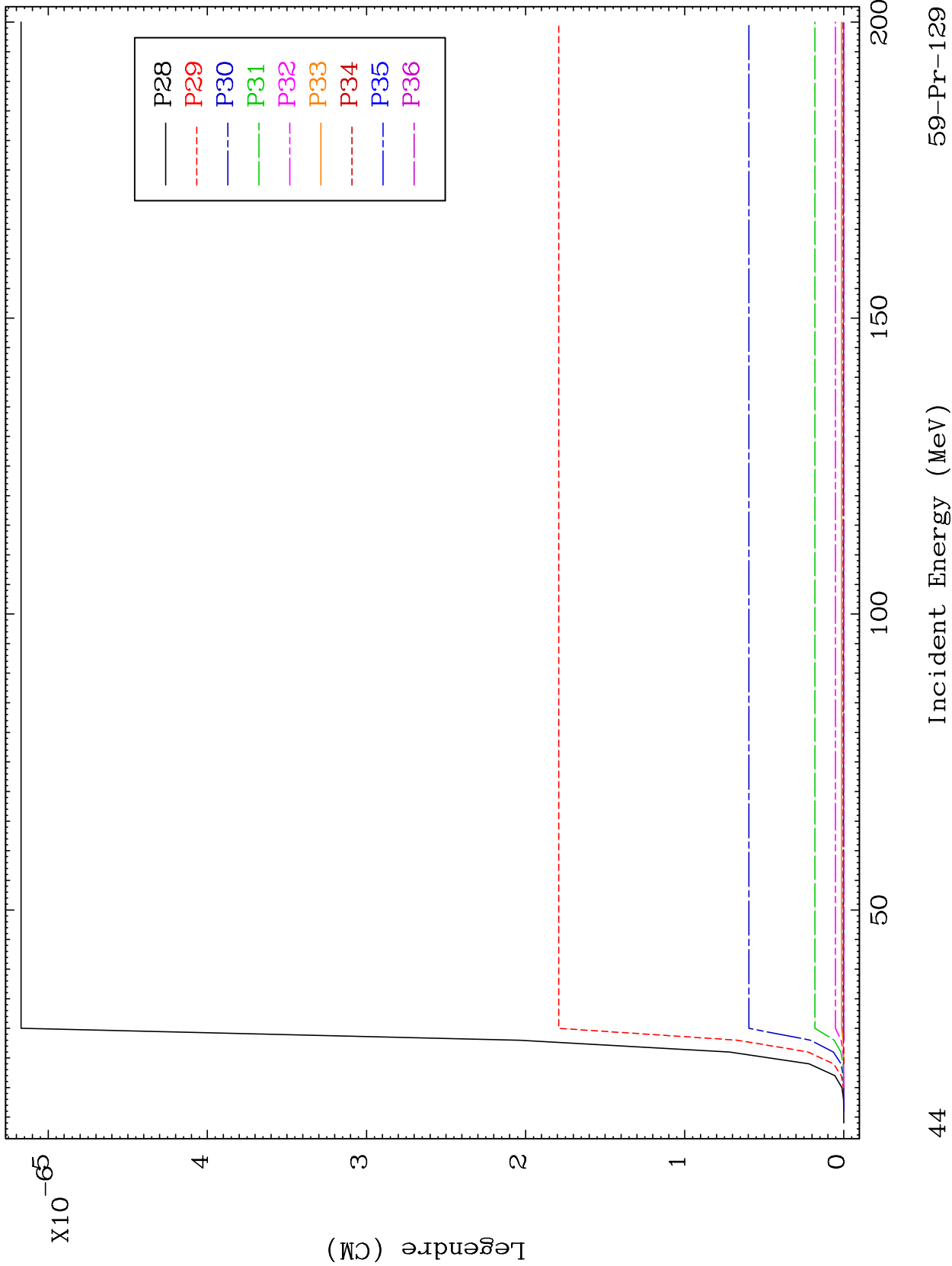
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MAT 5889

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

59-Pr-129



44

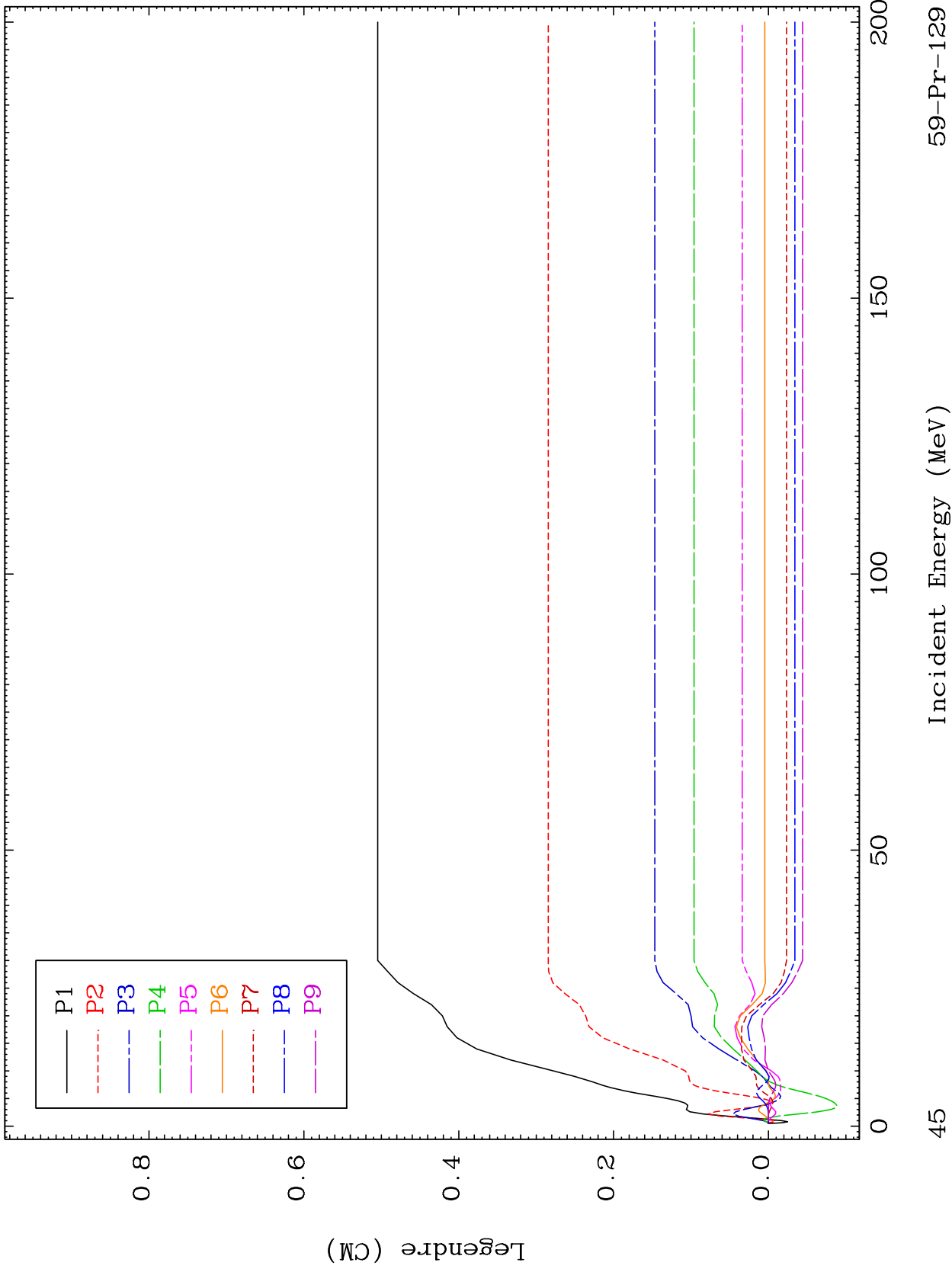
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



59-Pr-129

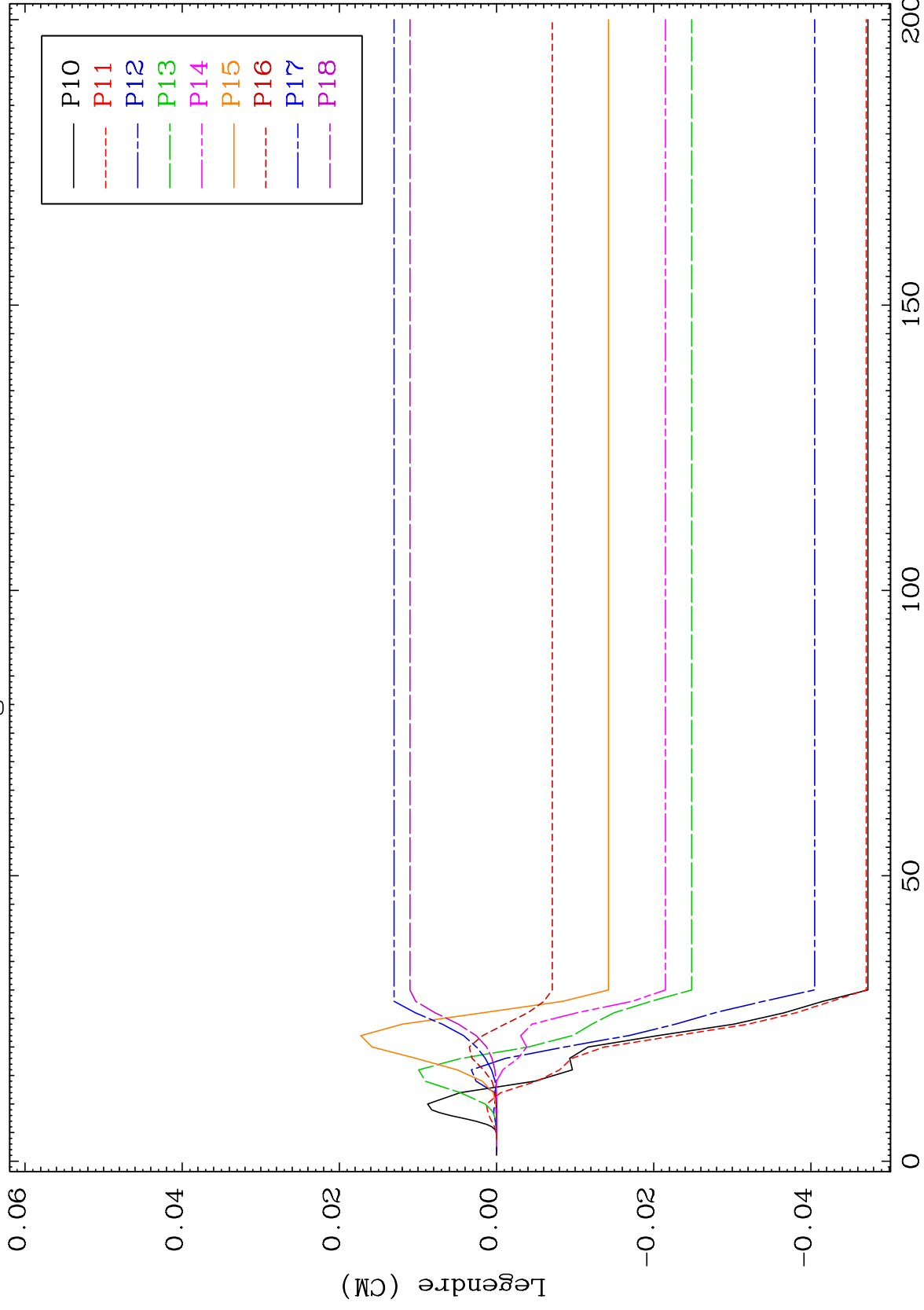
Incident Energy (MeV)

45

MAT 5889

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

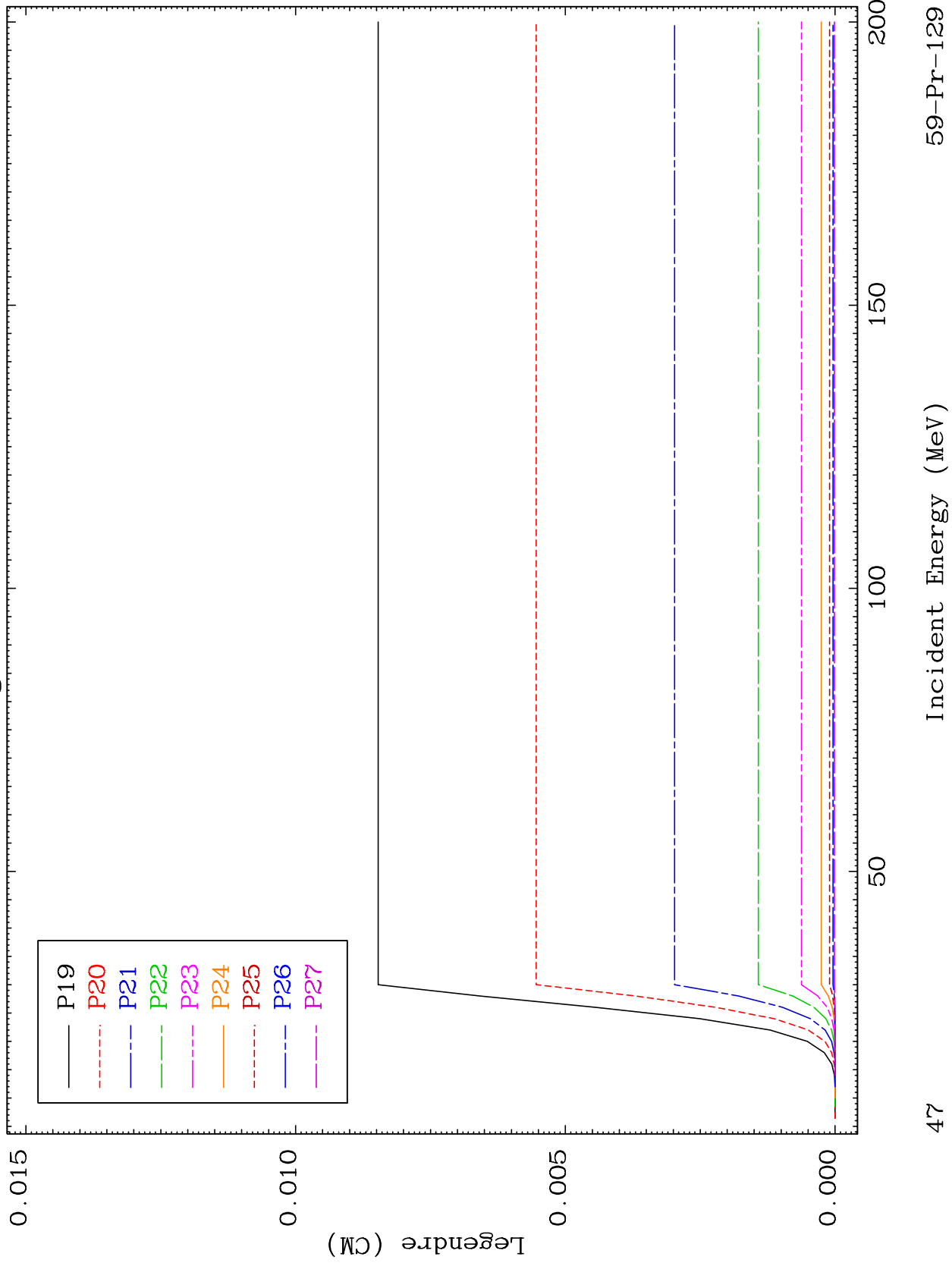
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46

Incident Energy (MeV)

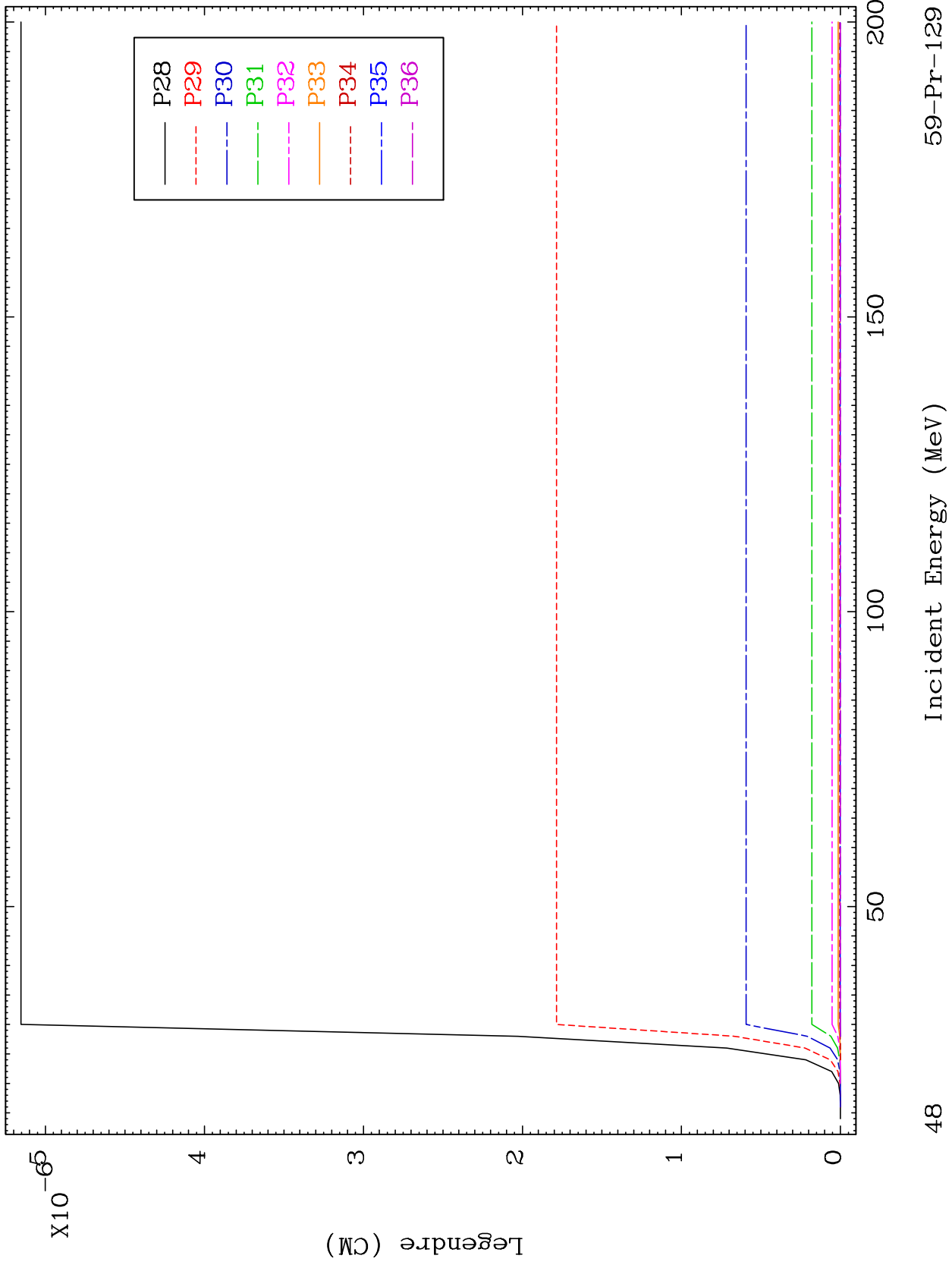
59-Pr-129



MAT 5889

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

59-Pr-129



48

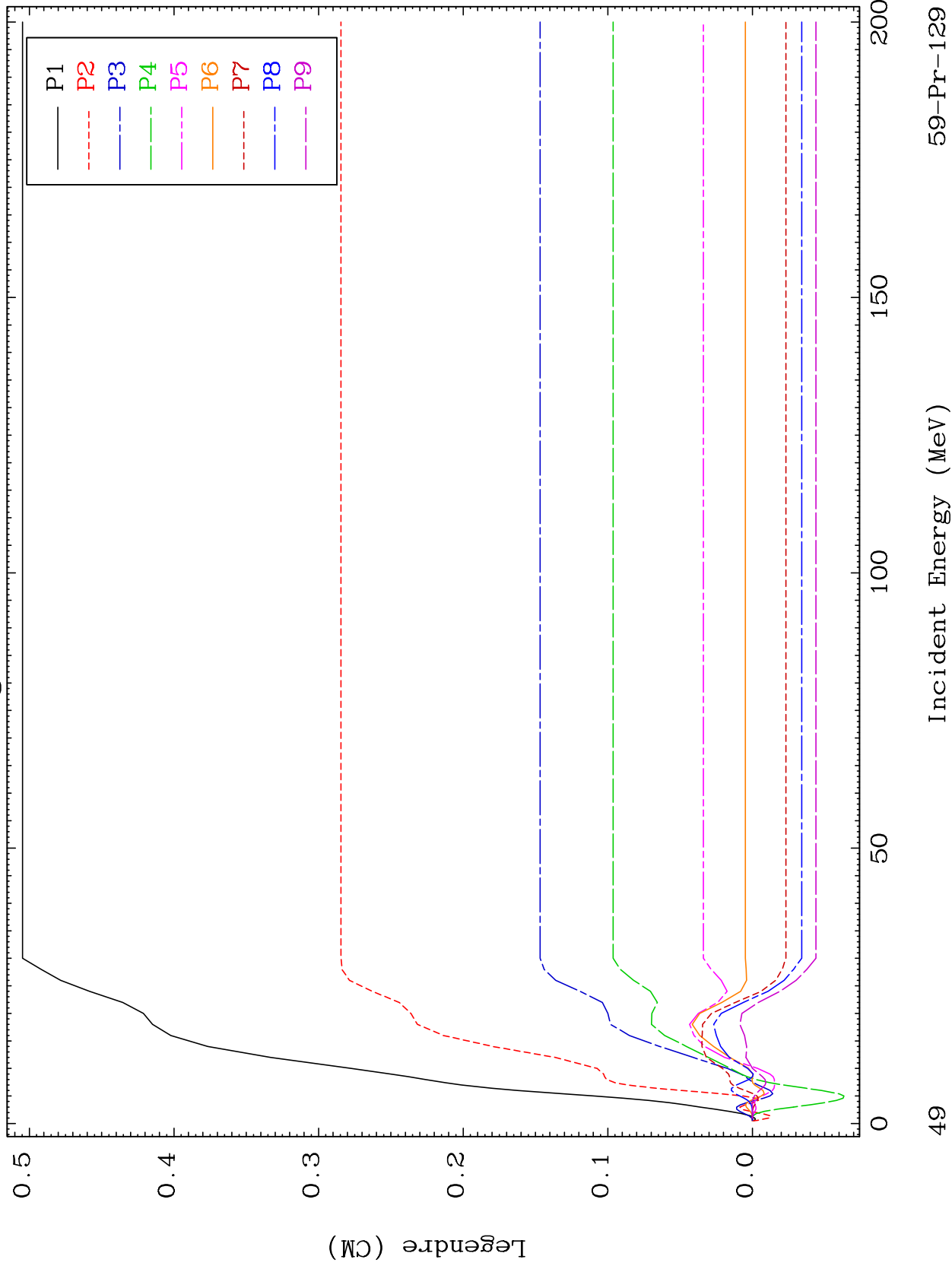
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



59-Pr-129

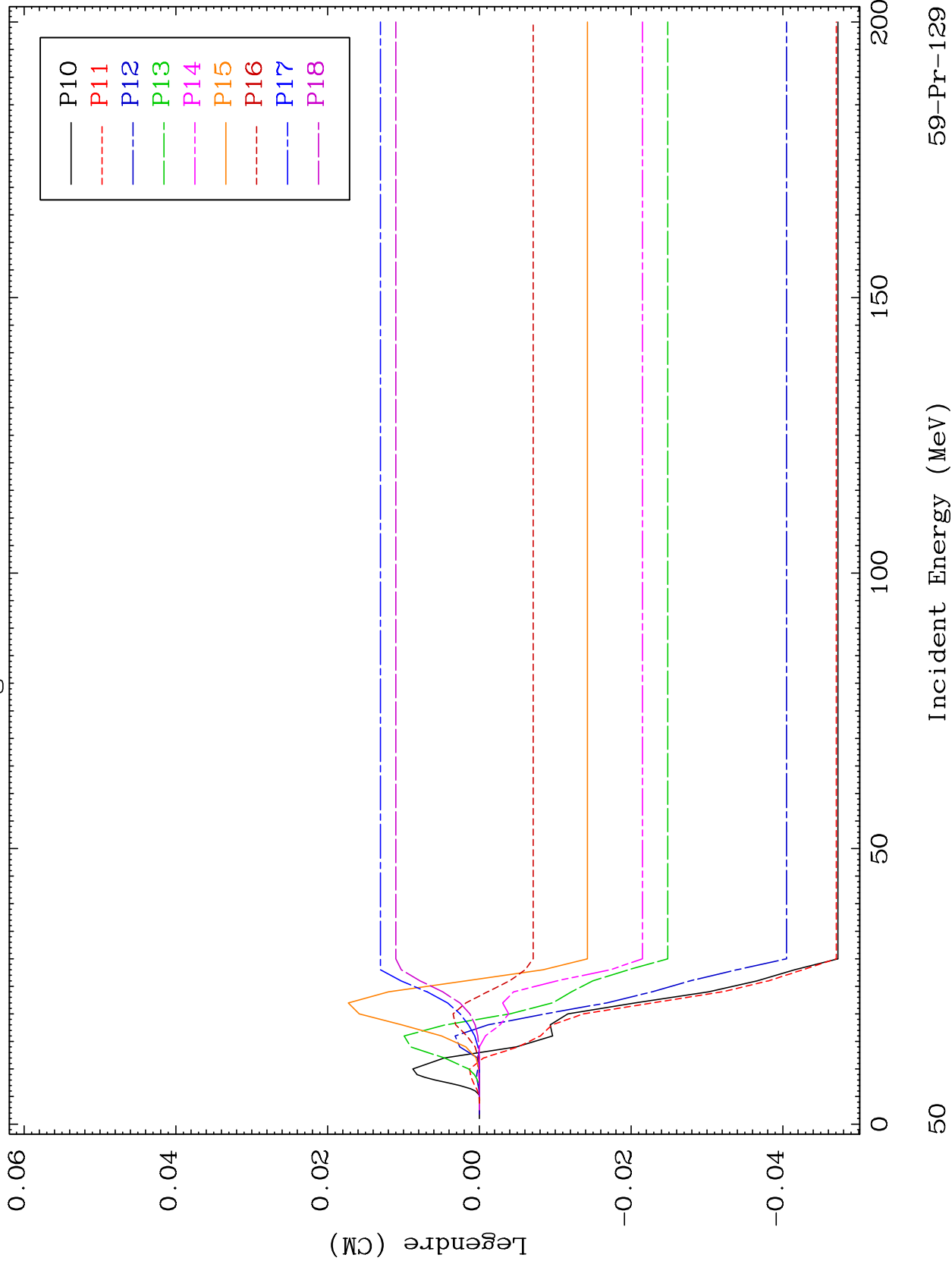
Incident Energy (MeV)

49

MAT 5889

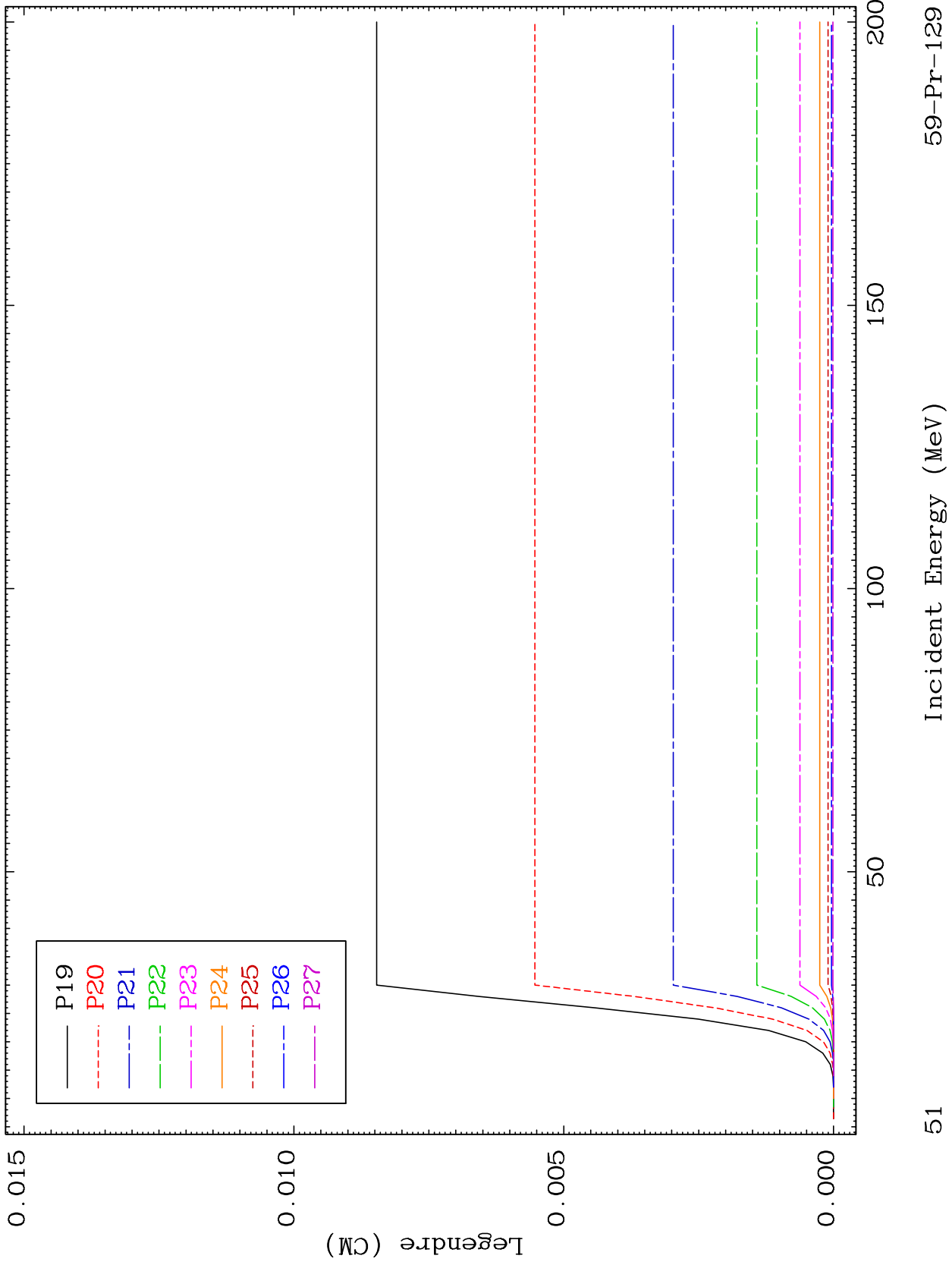
MT= 58 (n,n') Level
Legendre Coefficients

59-Pr-129



59-Pr-129

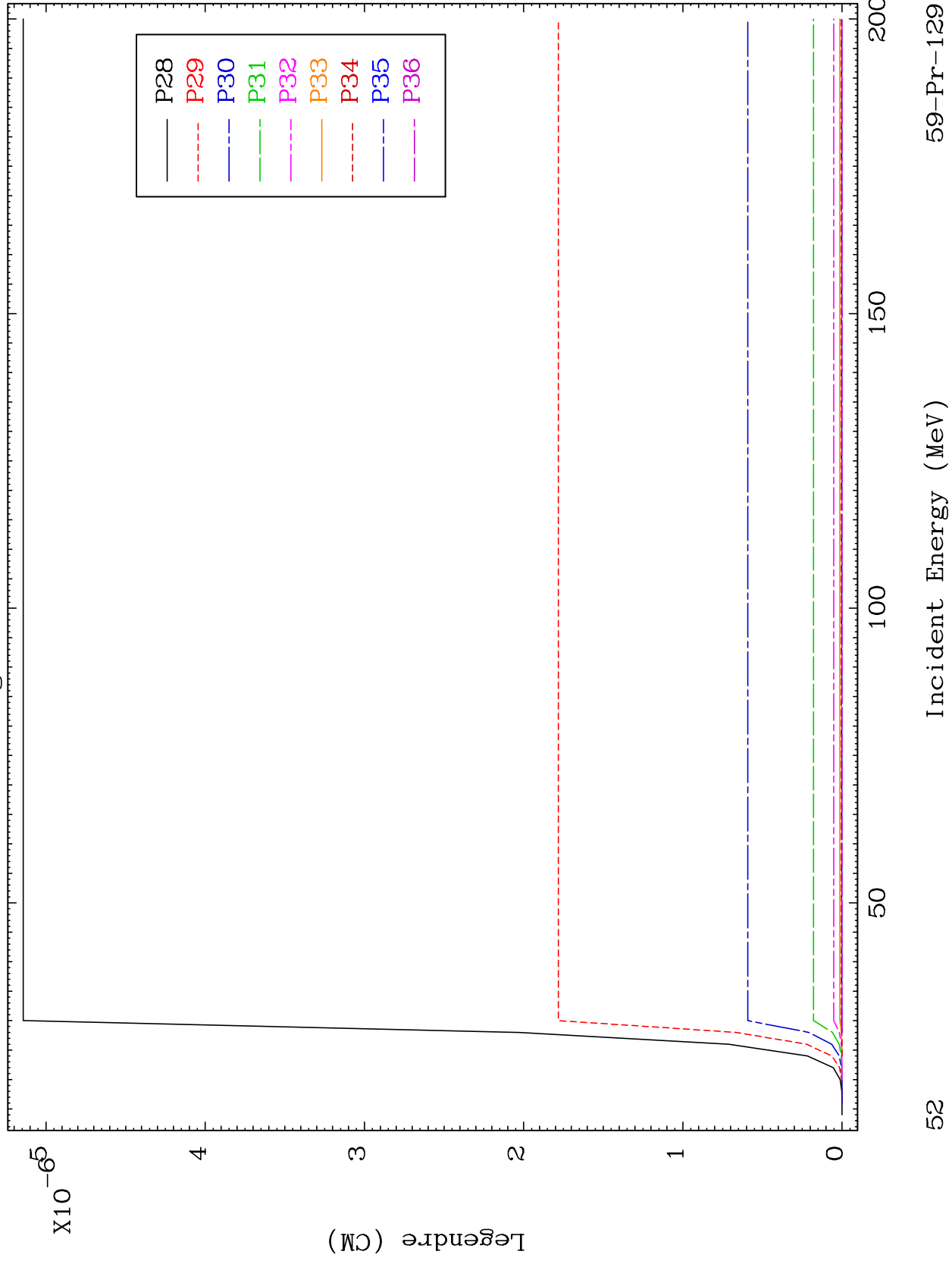
Incident Energy (MeV)



MAT 5889

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

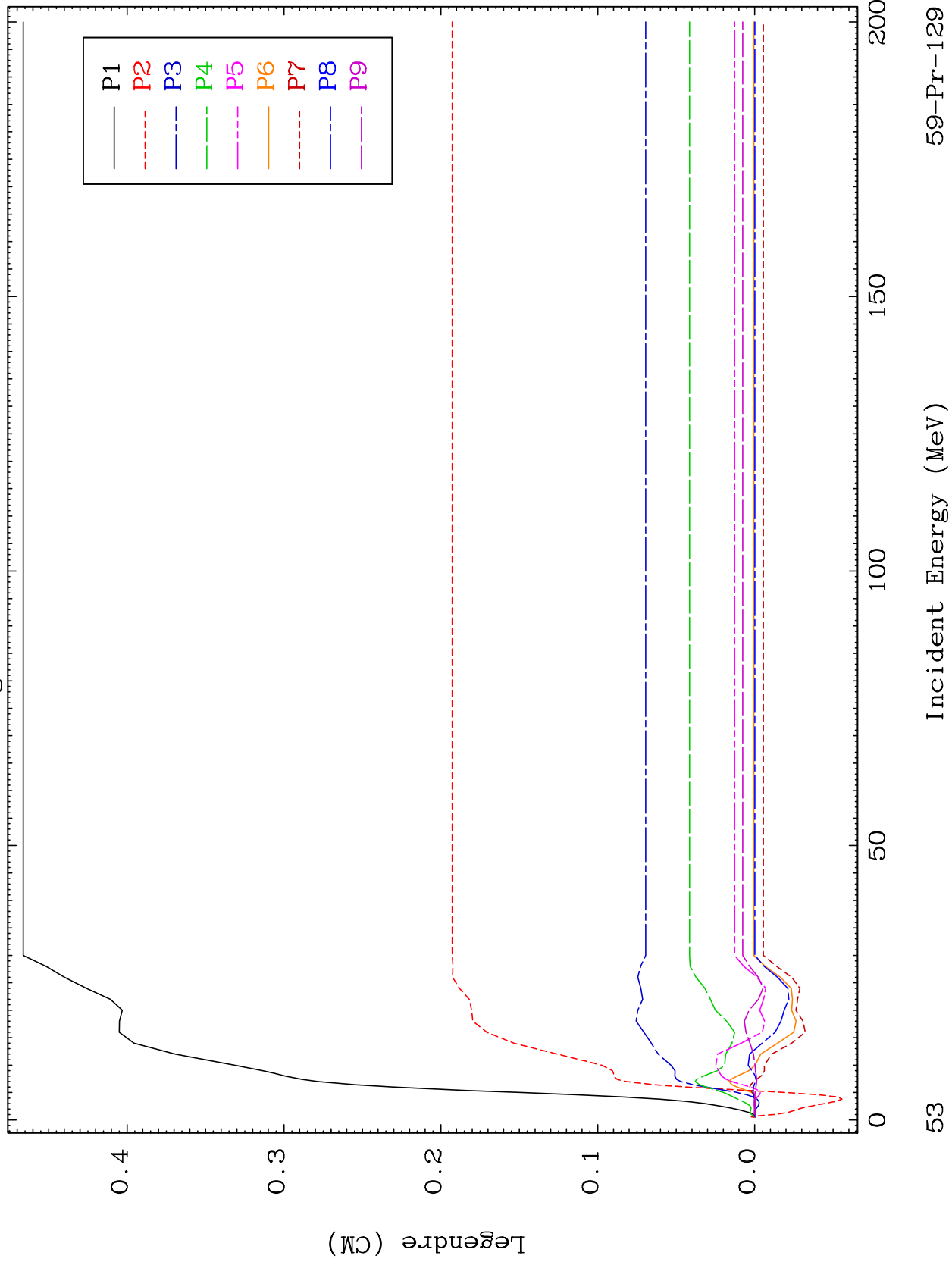
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MAT 5889

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

59-Pr-129



59-Pr-129

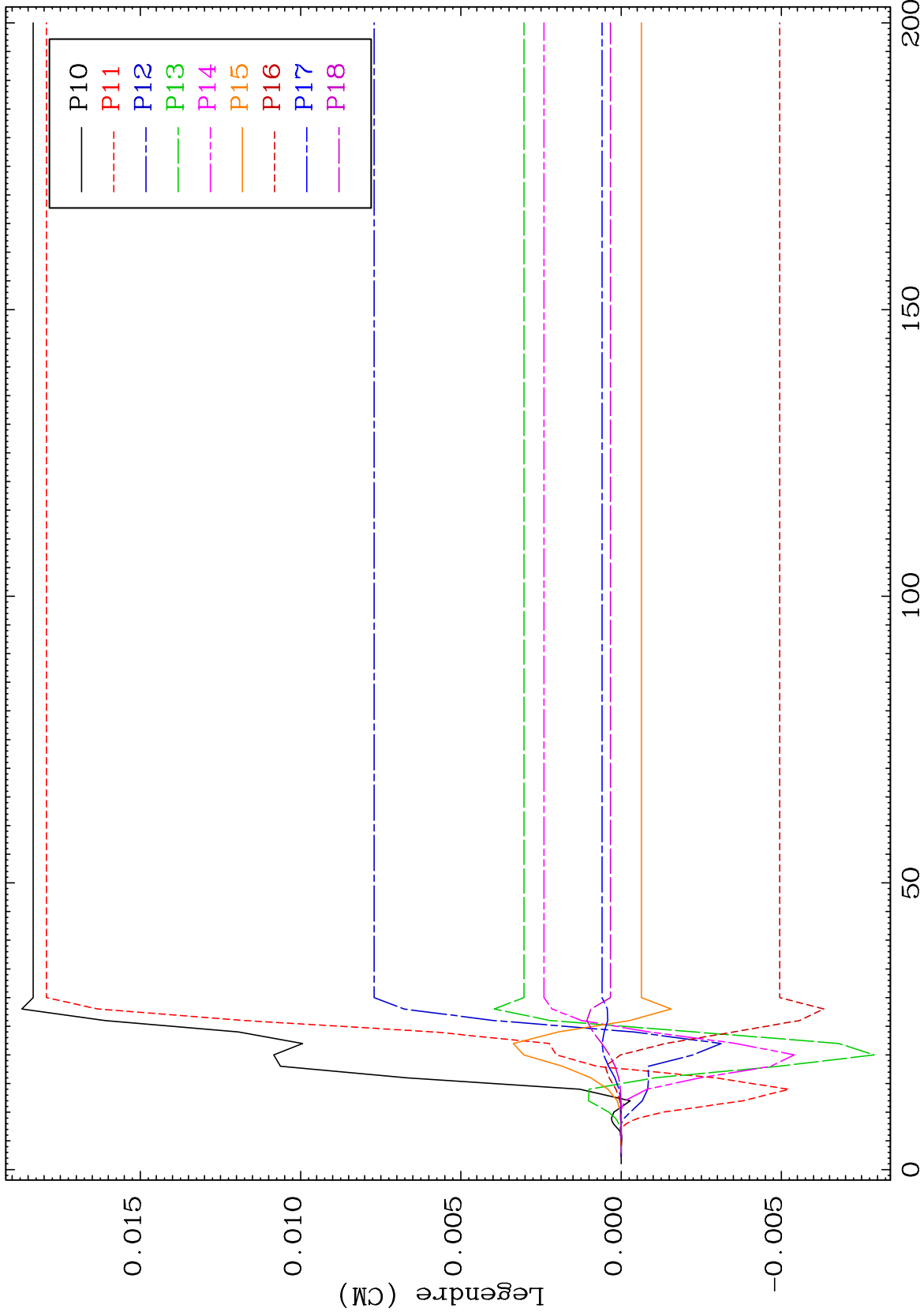
Incident Energy (MeV)

53

MAT 5889

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

59-Pr-129



54

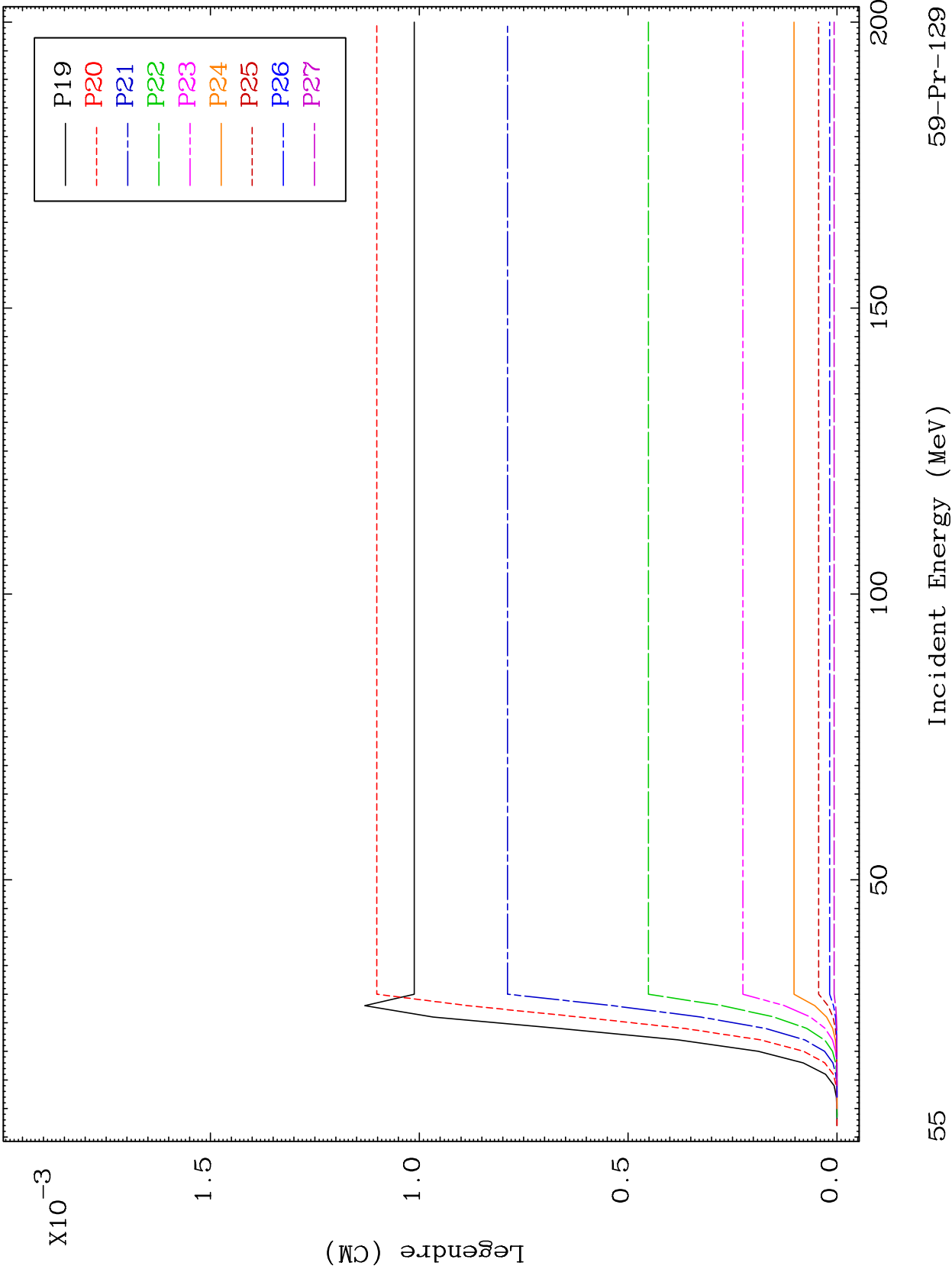
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



55

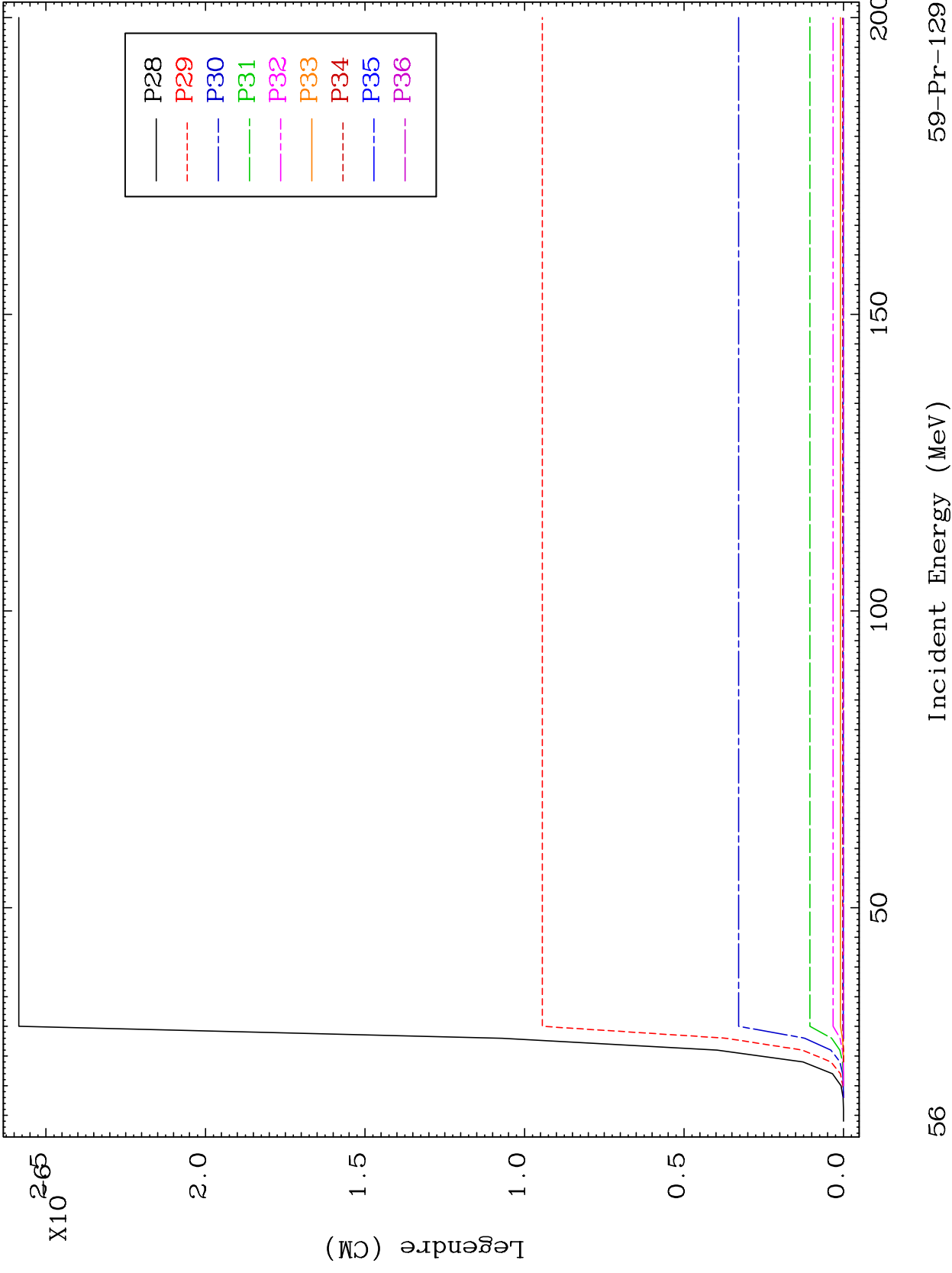
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



56

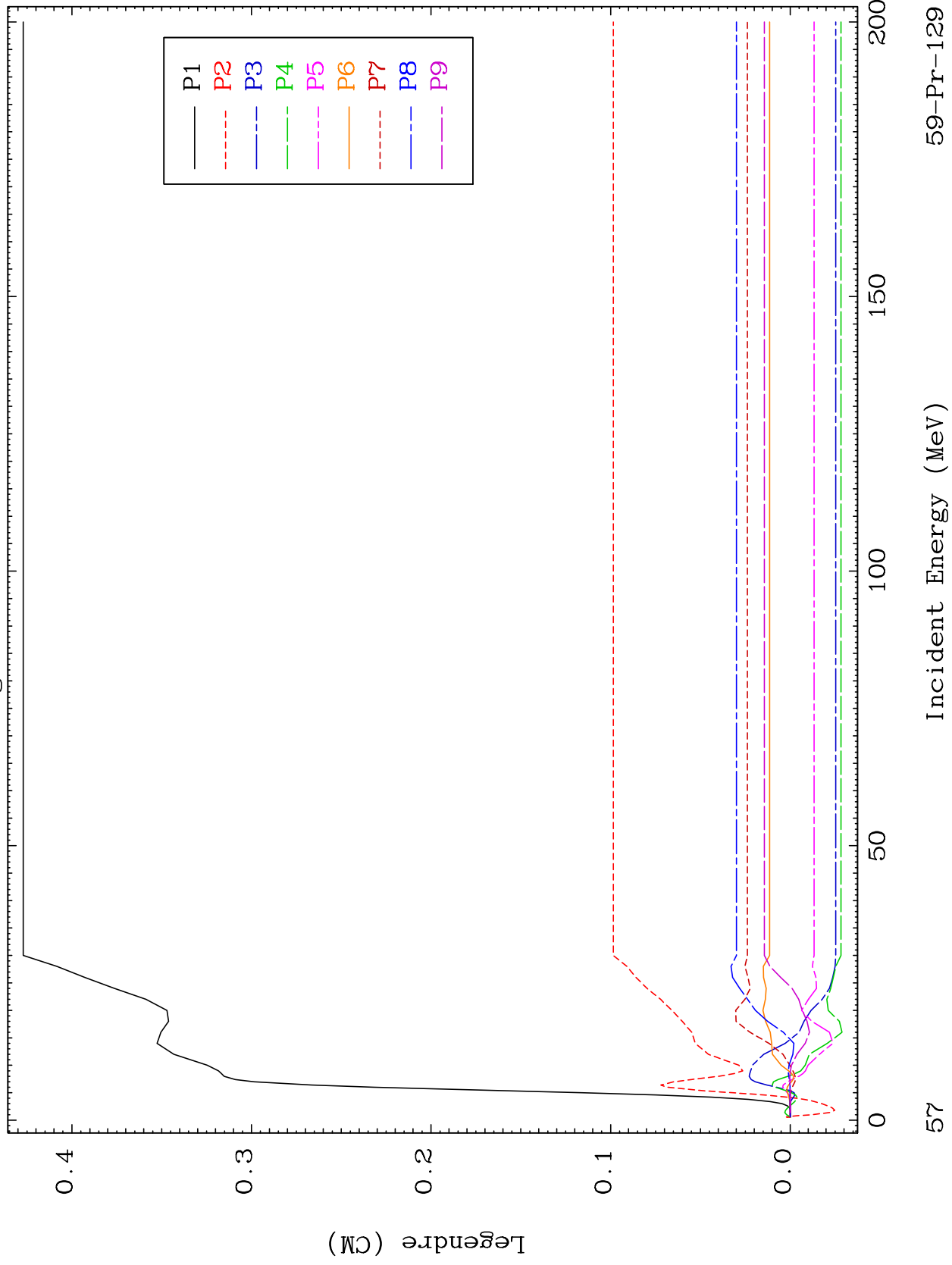
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



59-Pr-129

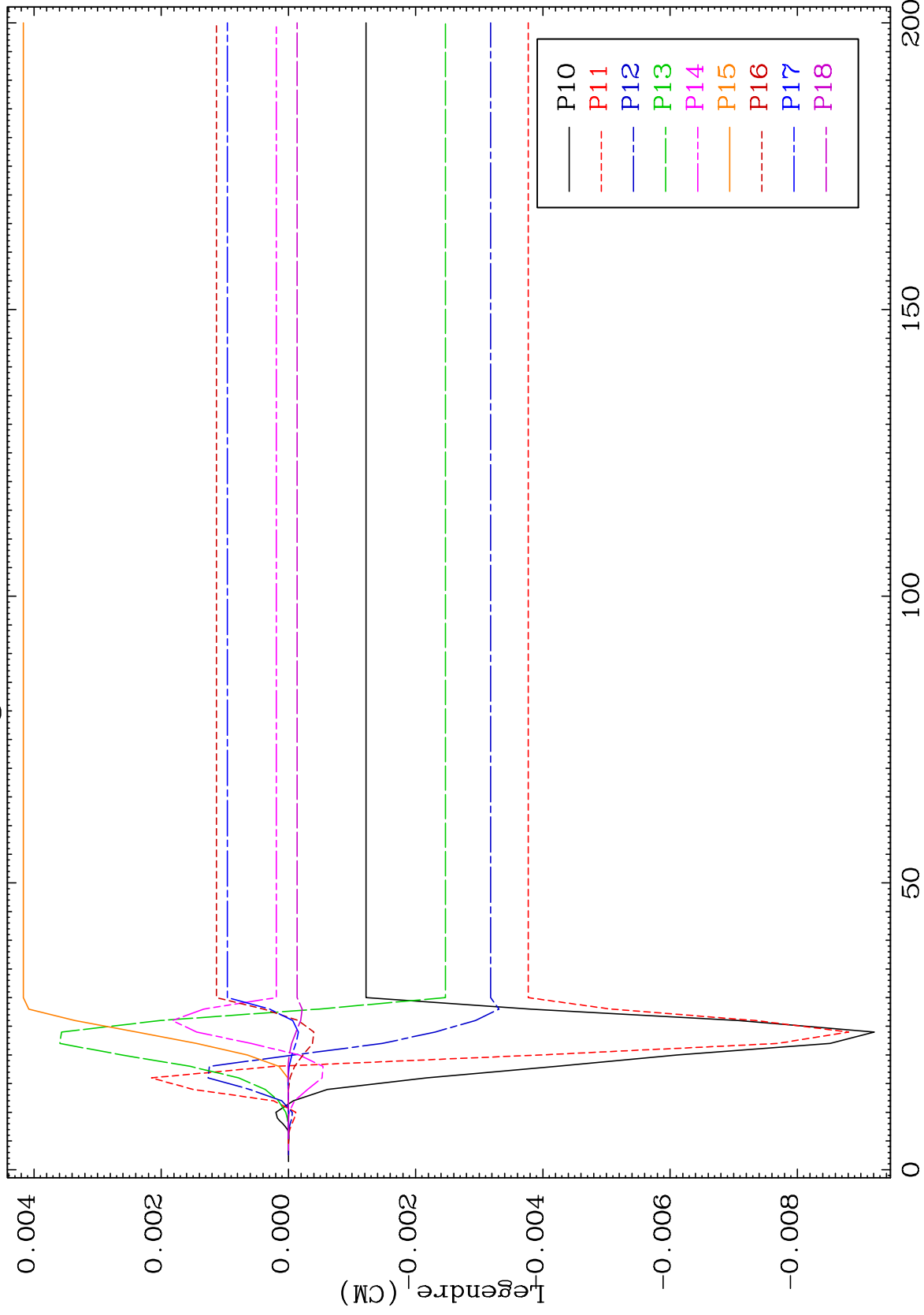
Incident Energy (MeV)

57

MAT 5889

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

59-Pr-129



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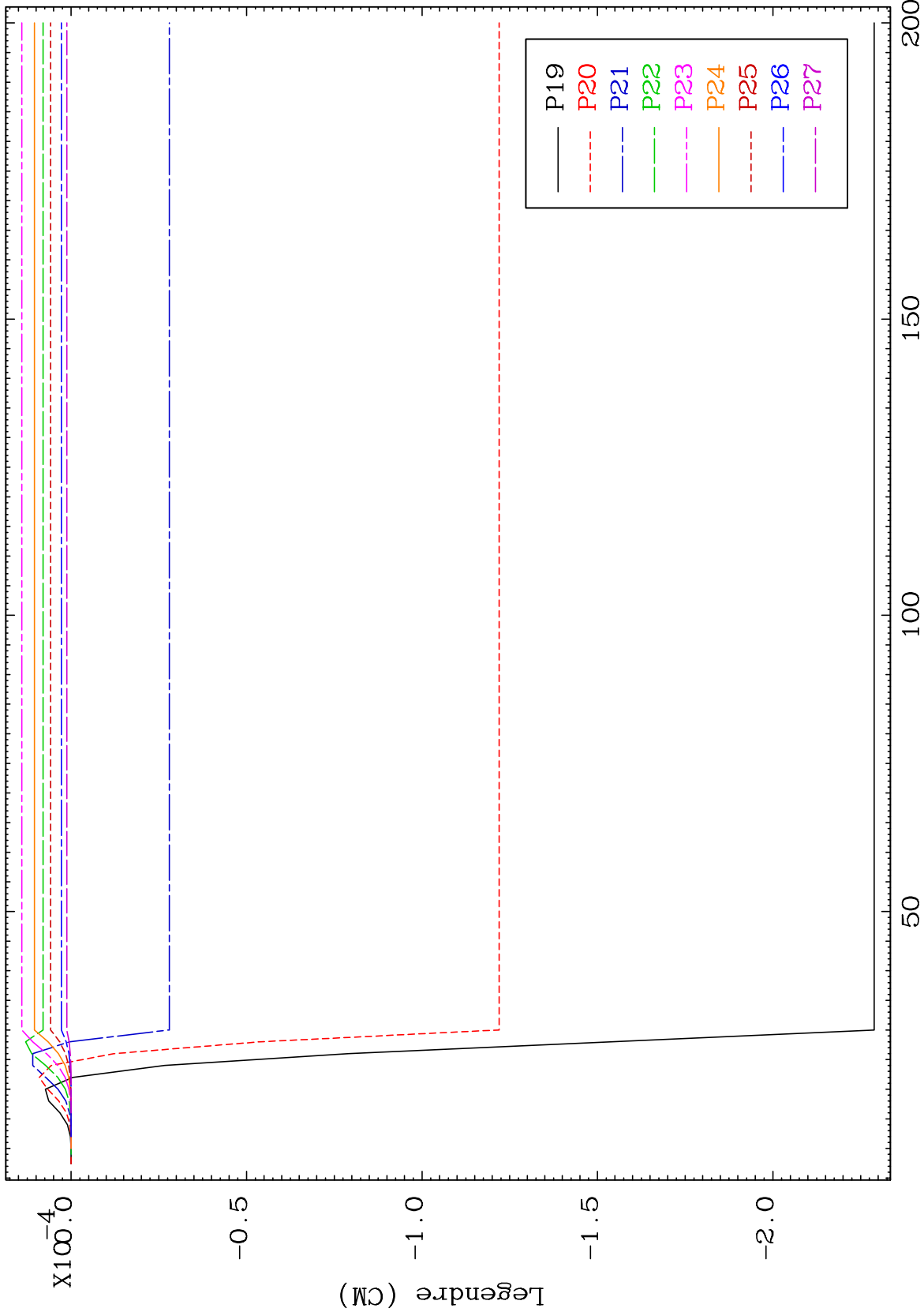
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



59

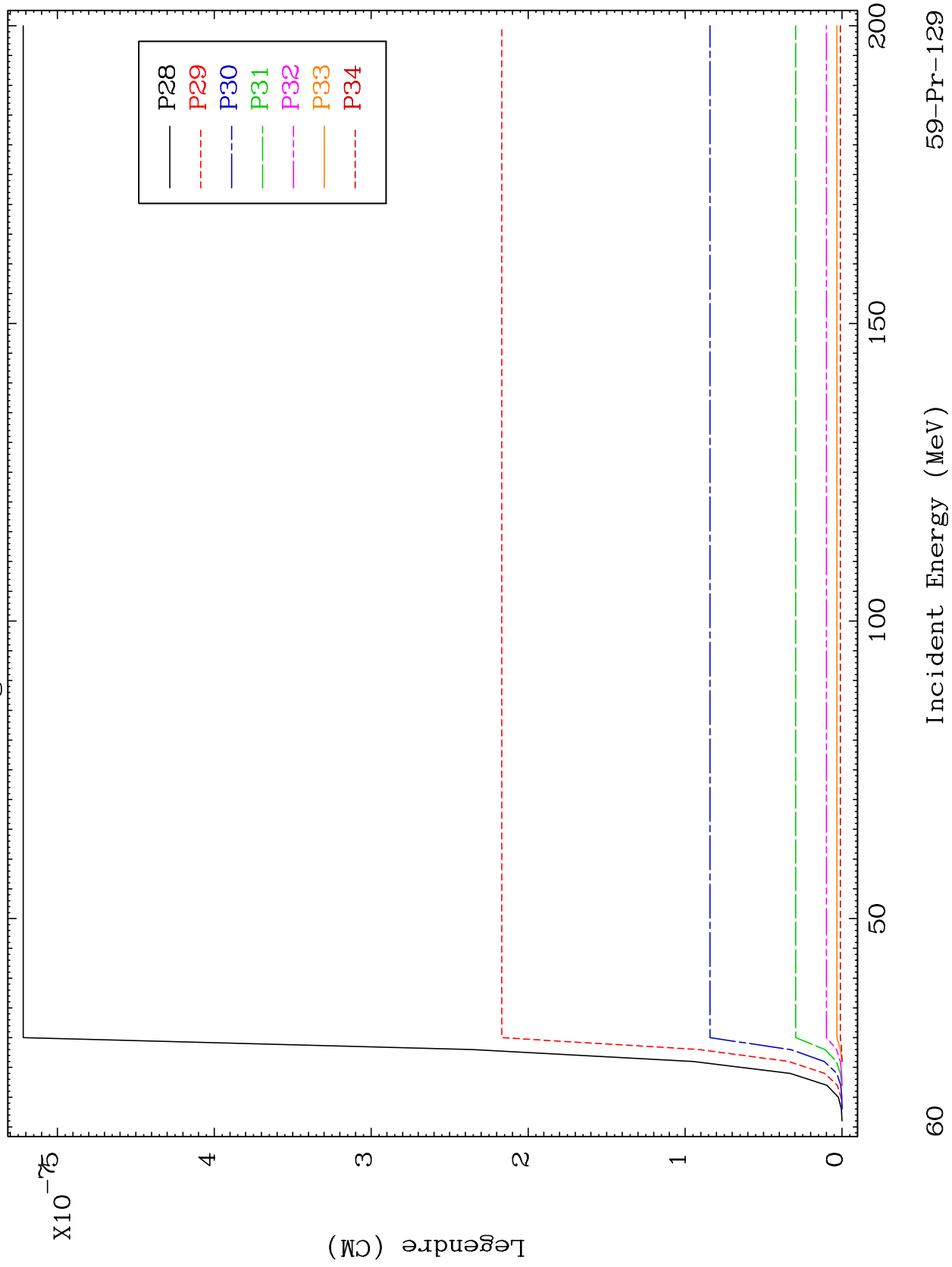
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

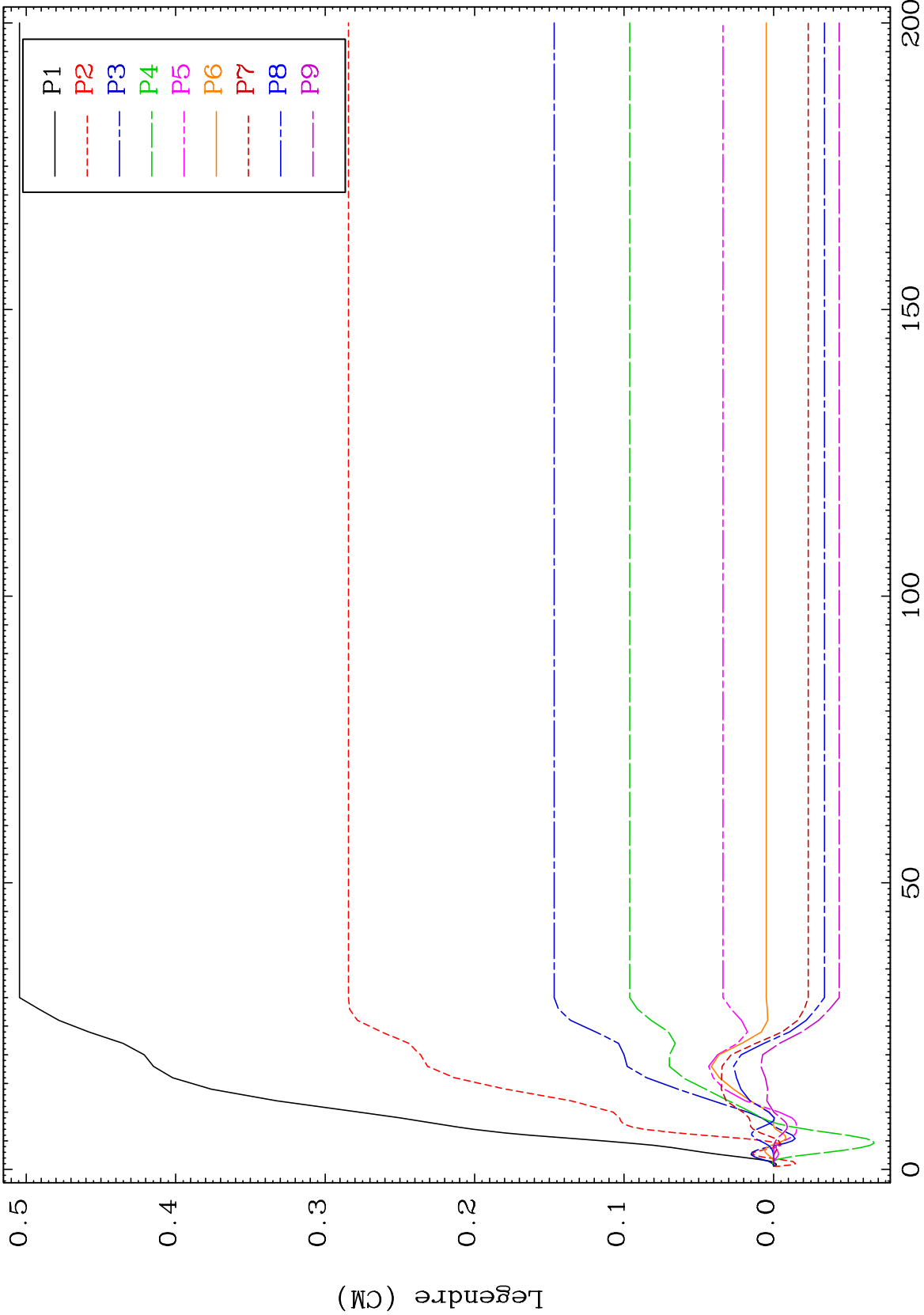
59-Pr-129



MAT 5889

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

59-Pr-129



61

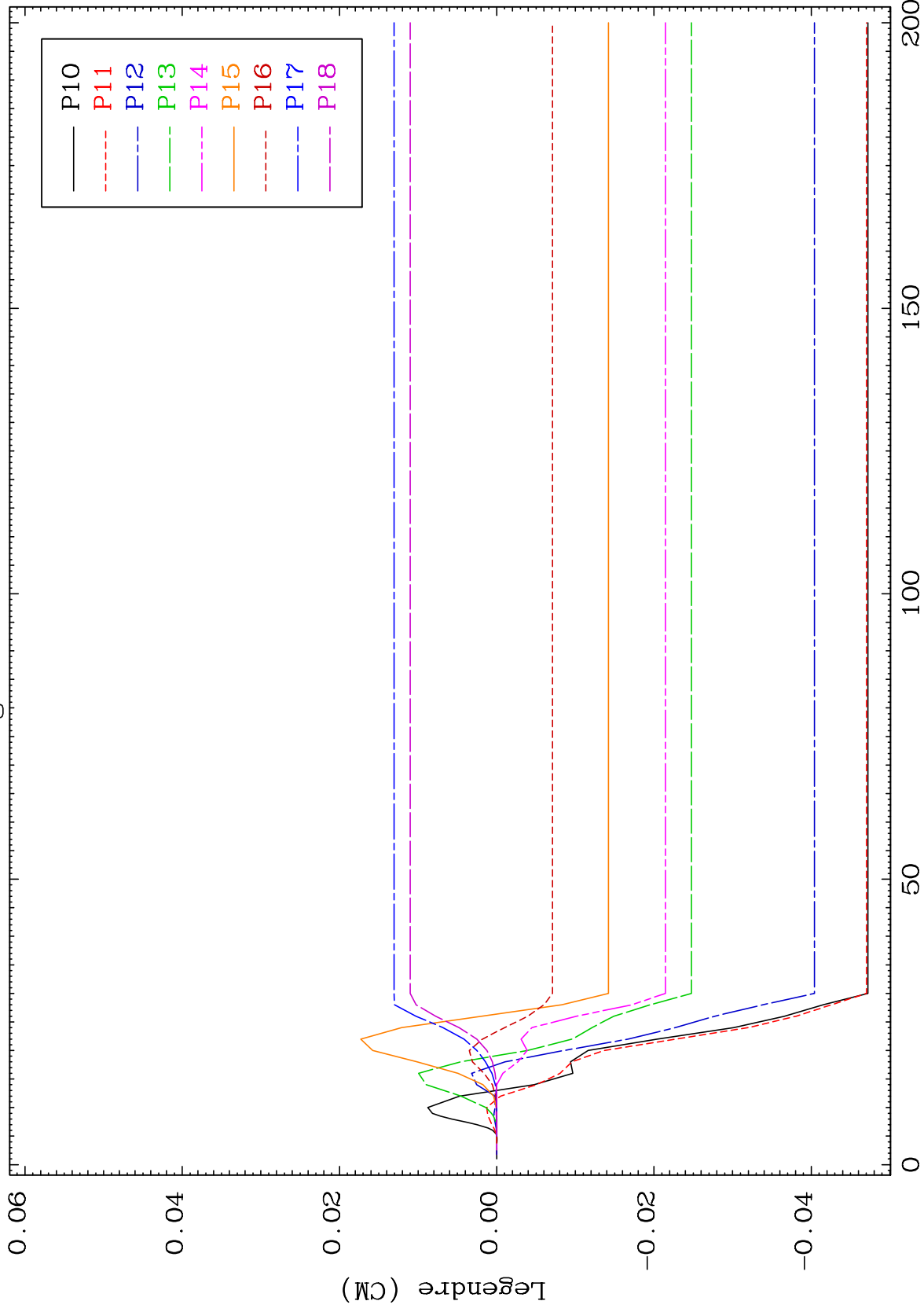
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



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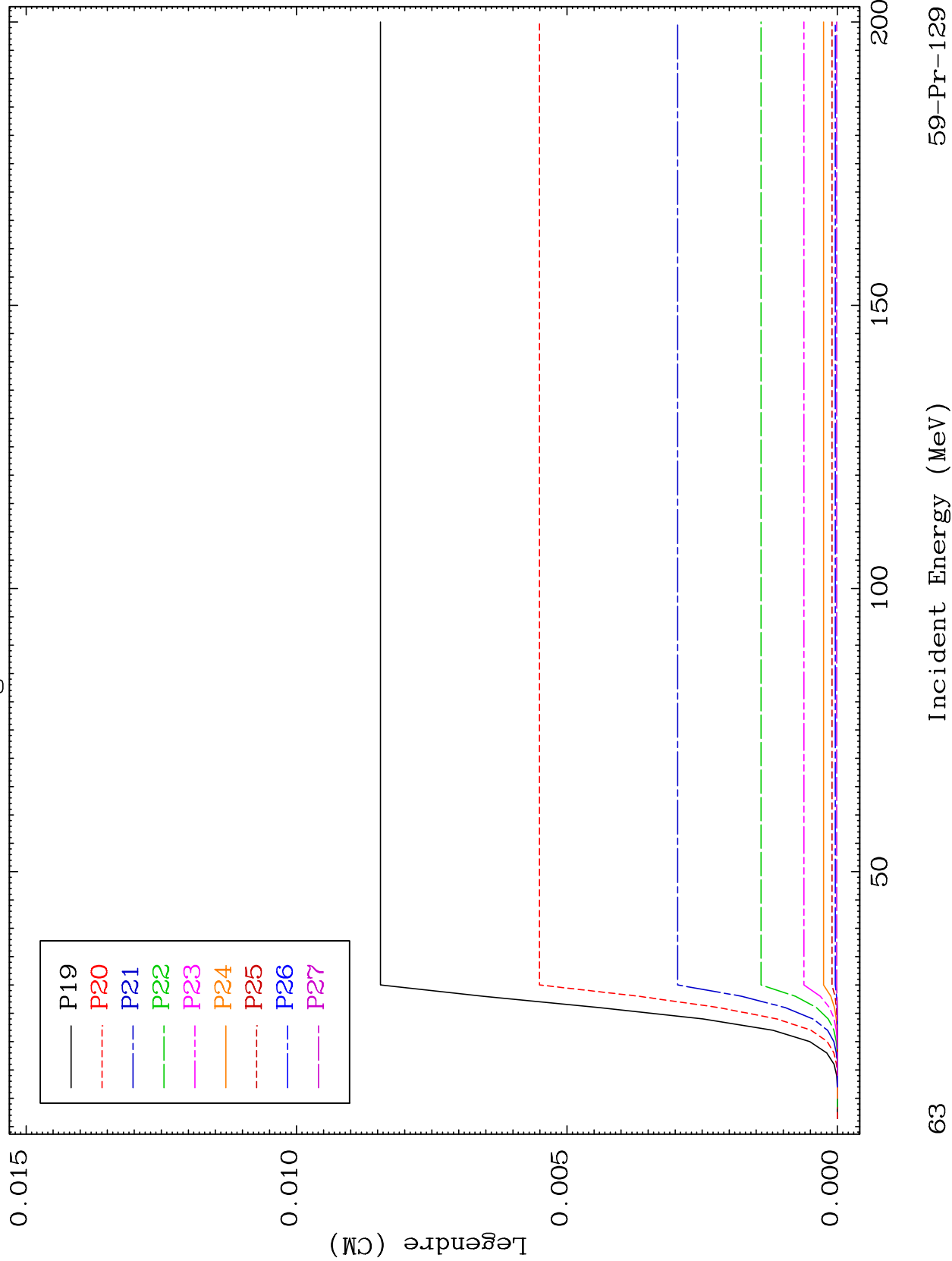
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



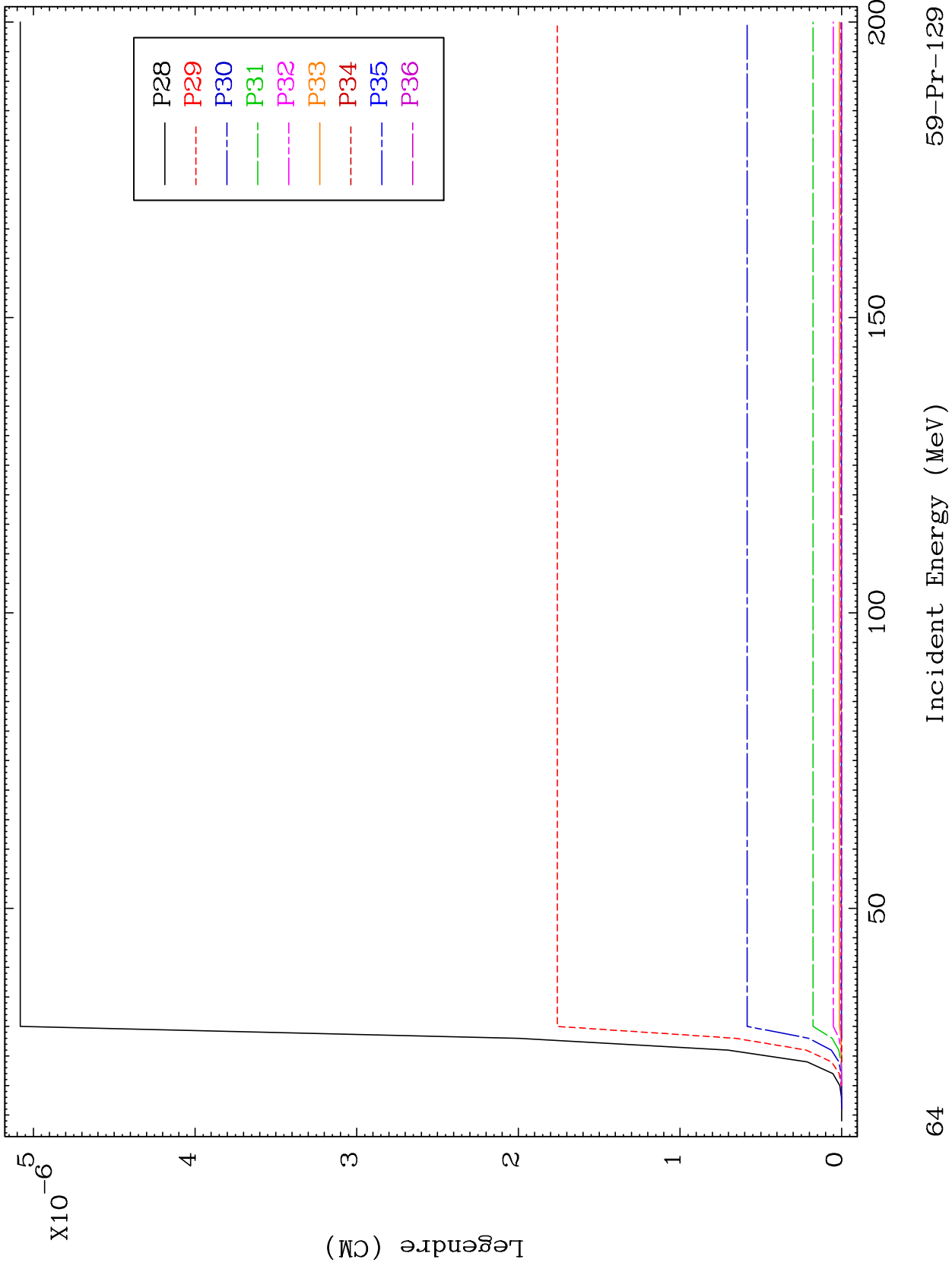
63

59-Pr-129

MAT 5889

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

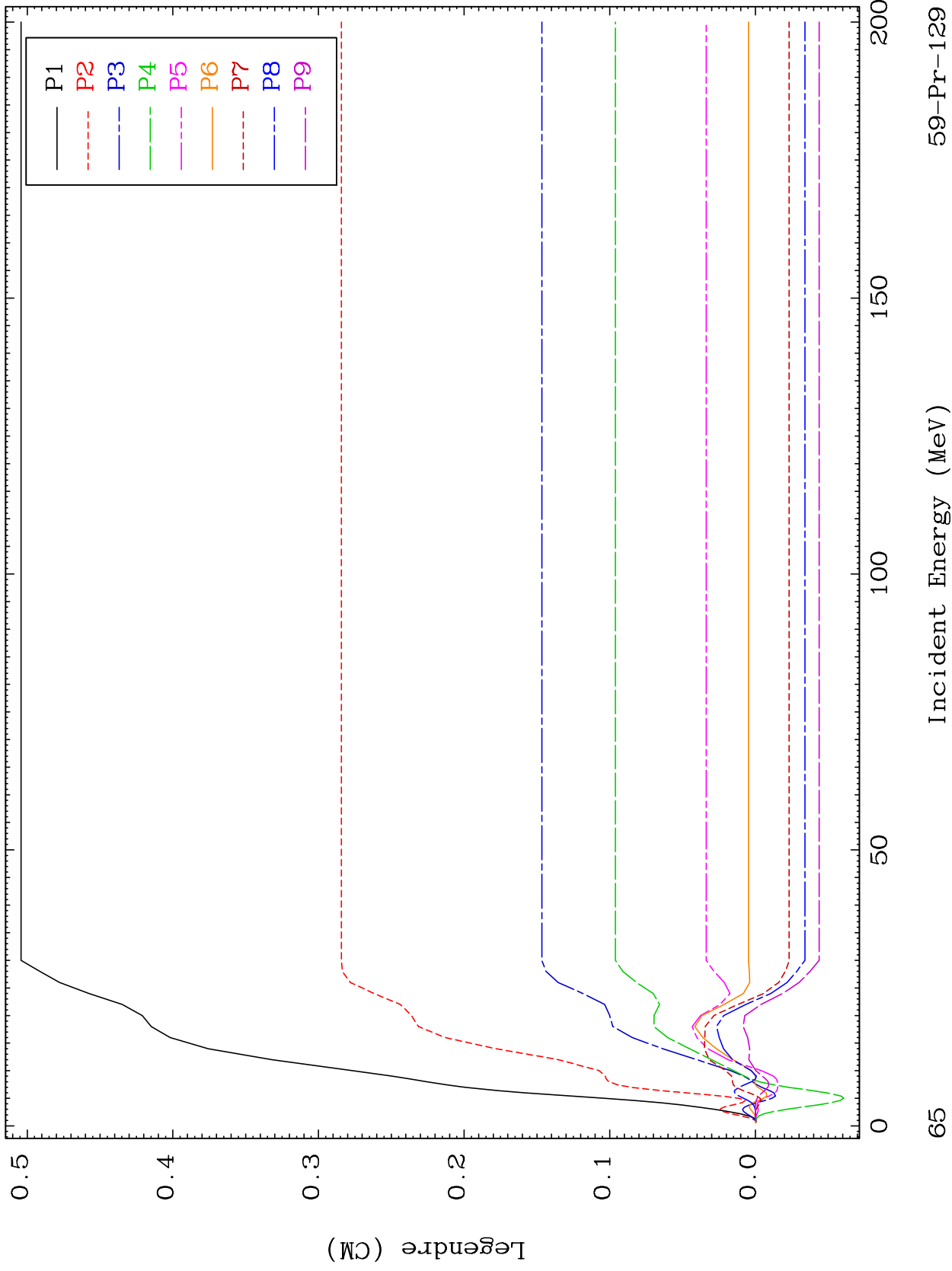
59-Pr-129



MAT 5889

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

59-Pr-129



59-Pr-129

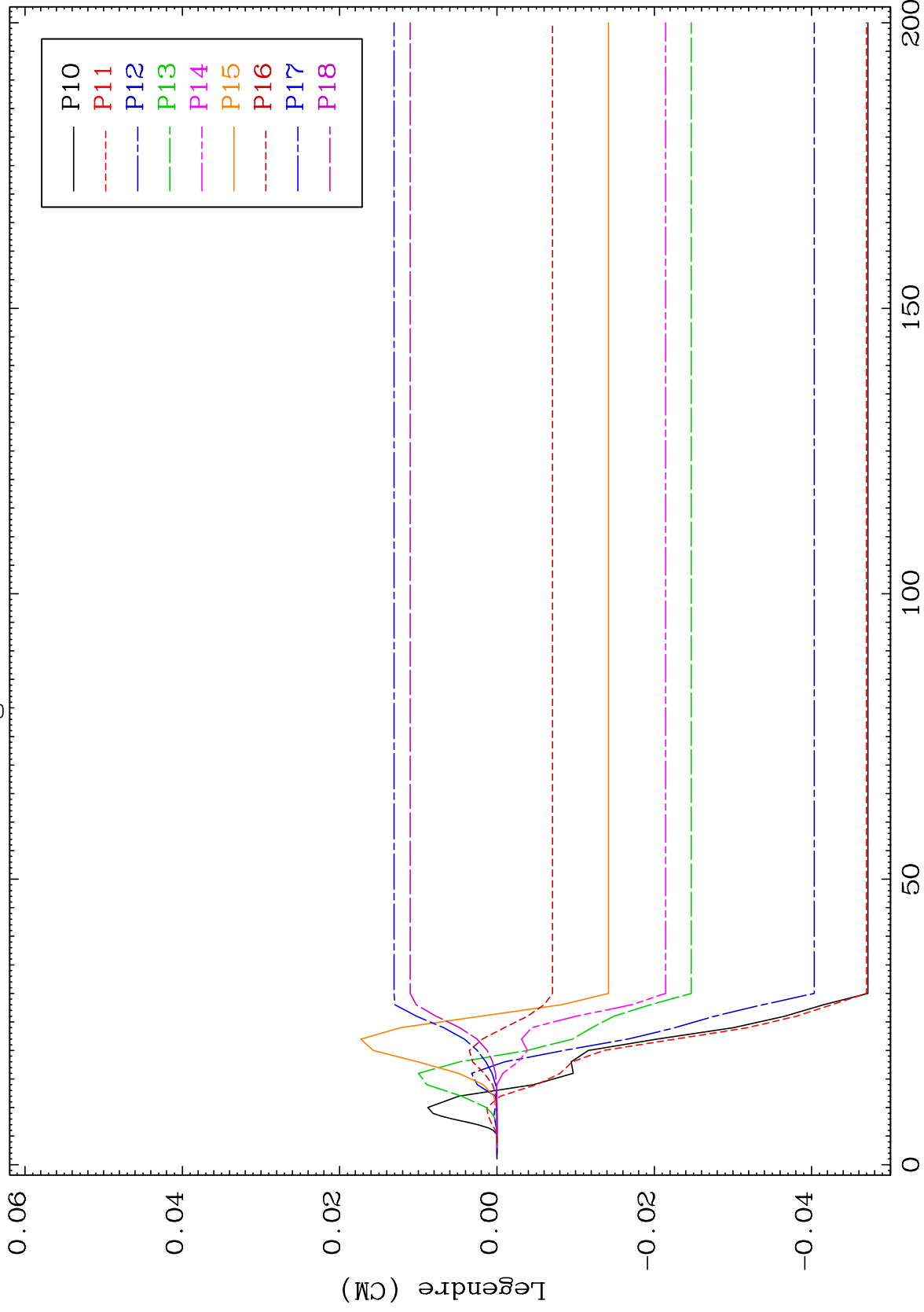
Incident Energy (MeV)

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MAT 5889

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

59-Pr-129



66

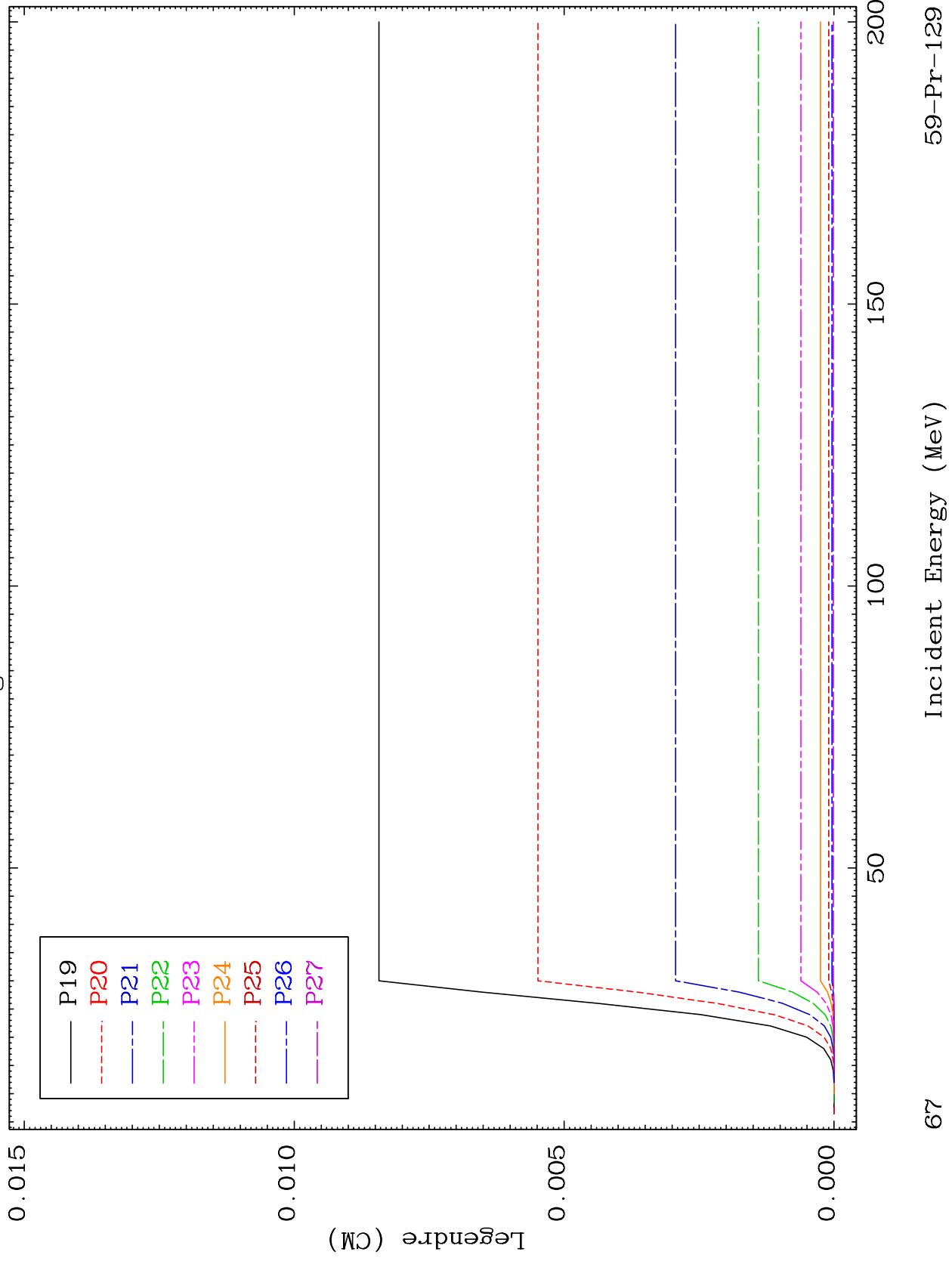
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



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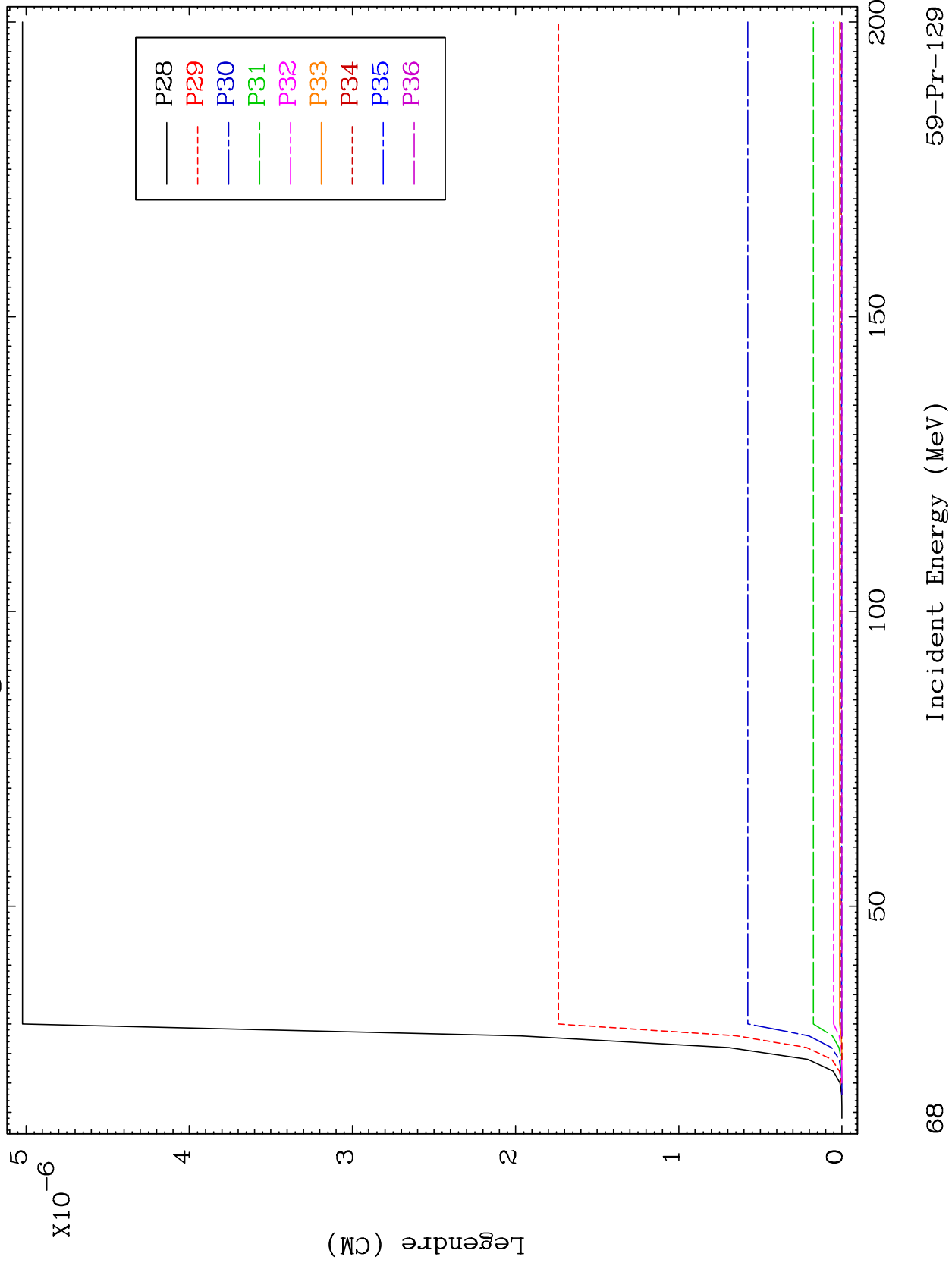
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



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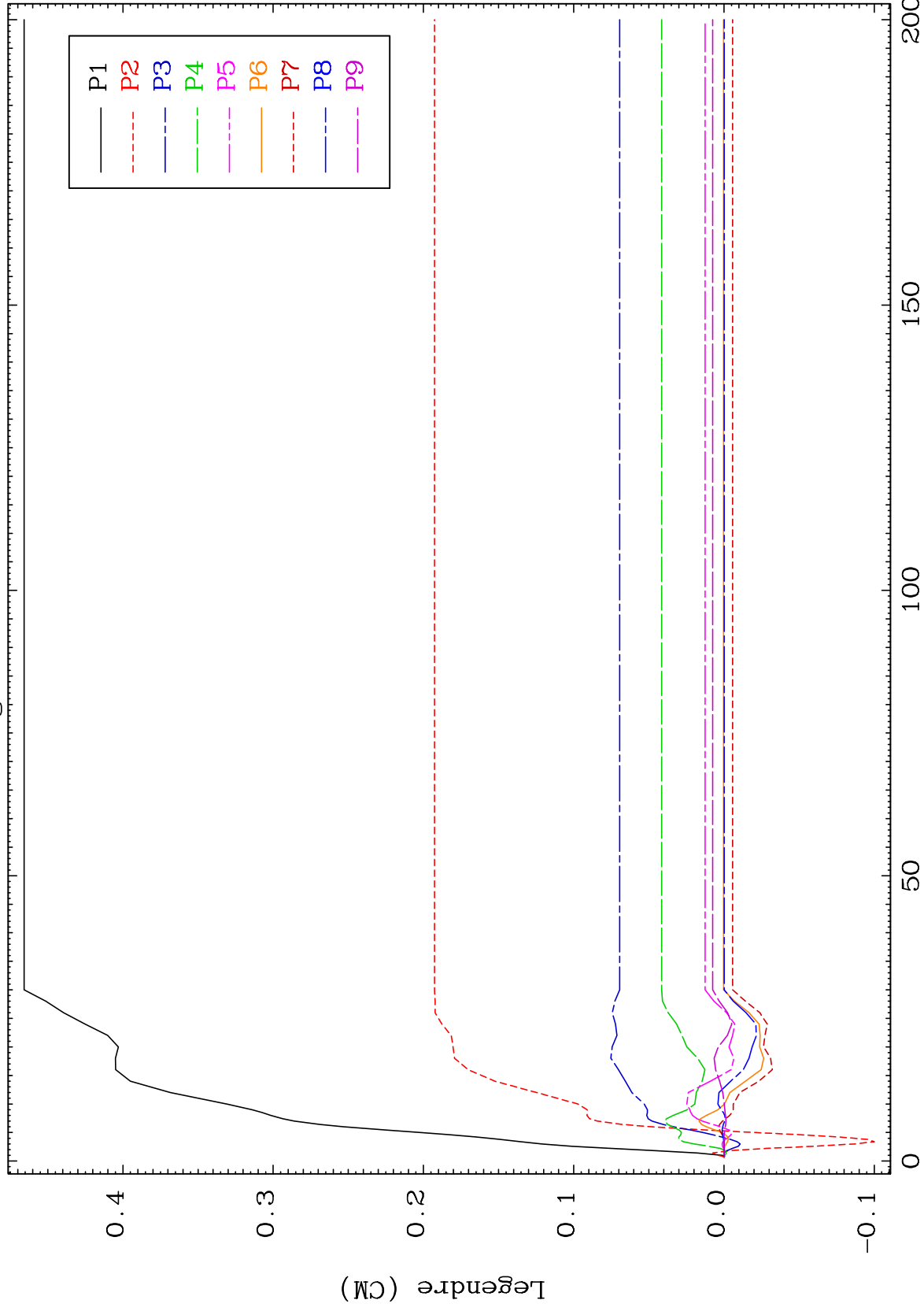
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



69

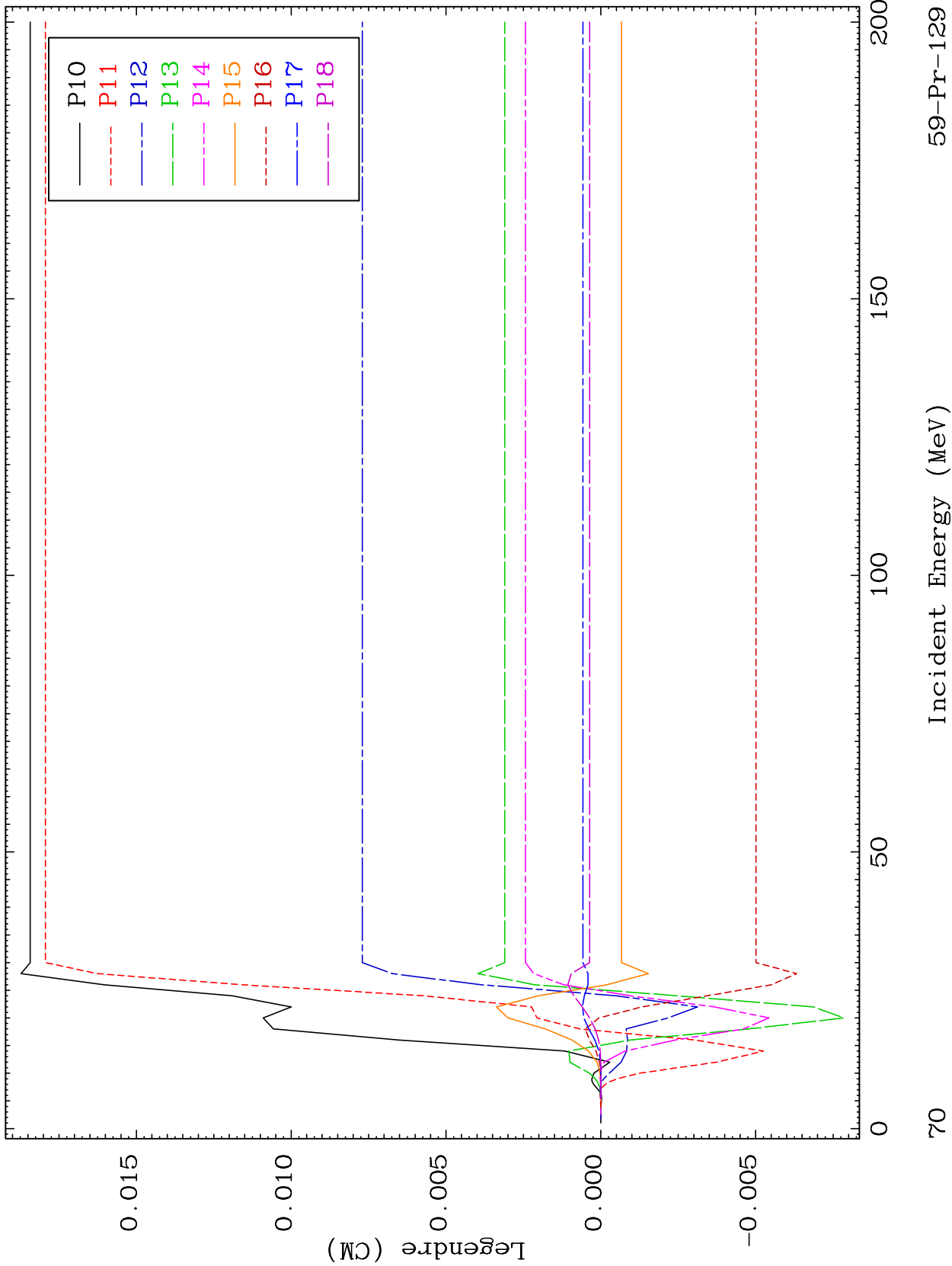
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



59-Pr-129

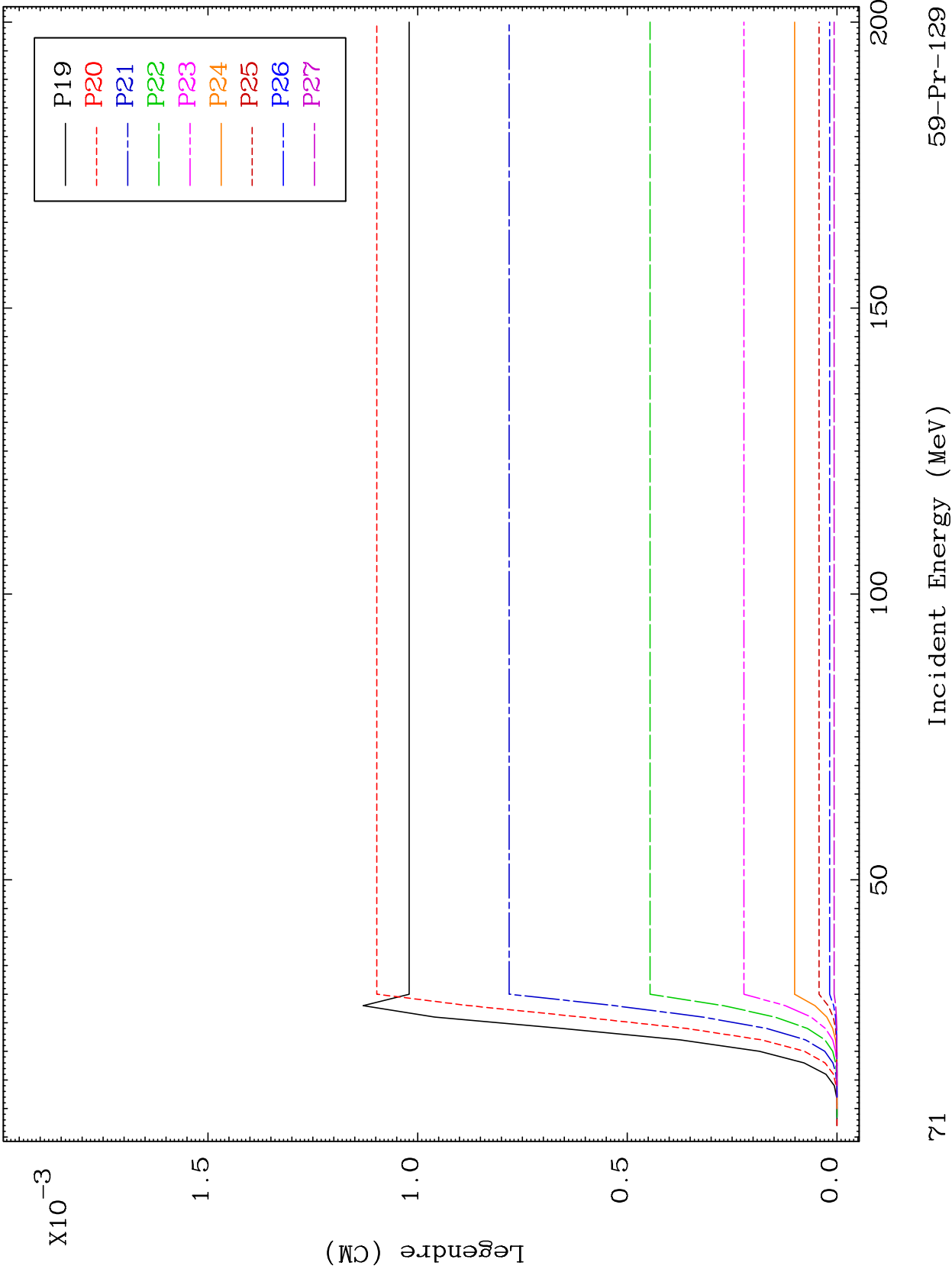
Incident Energy (MeV)

70

MAT 5889

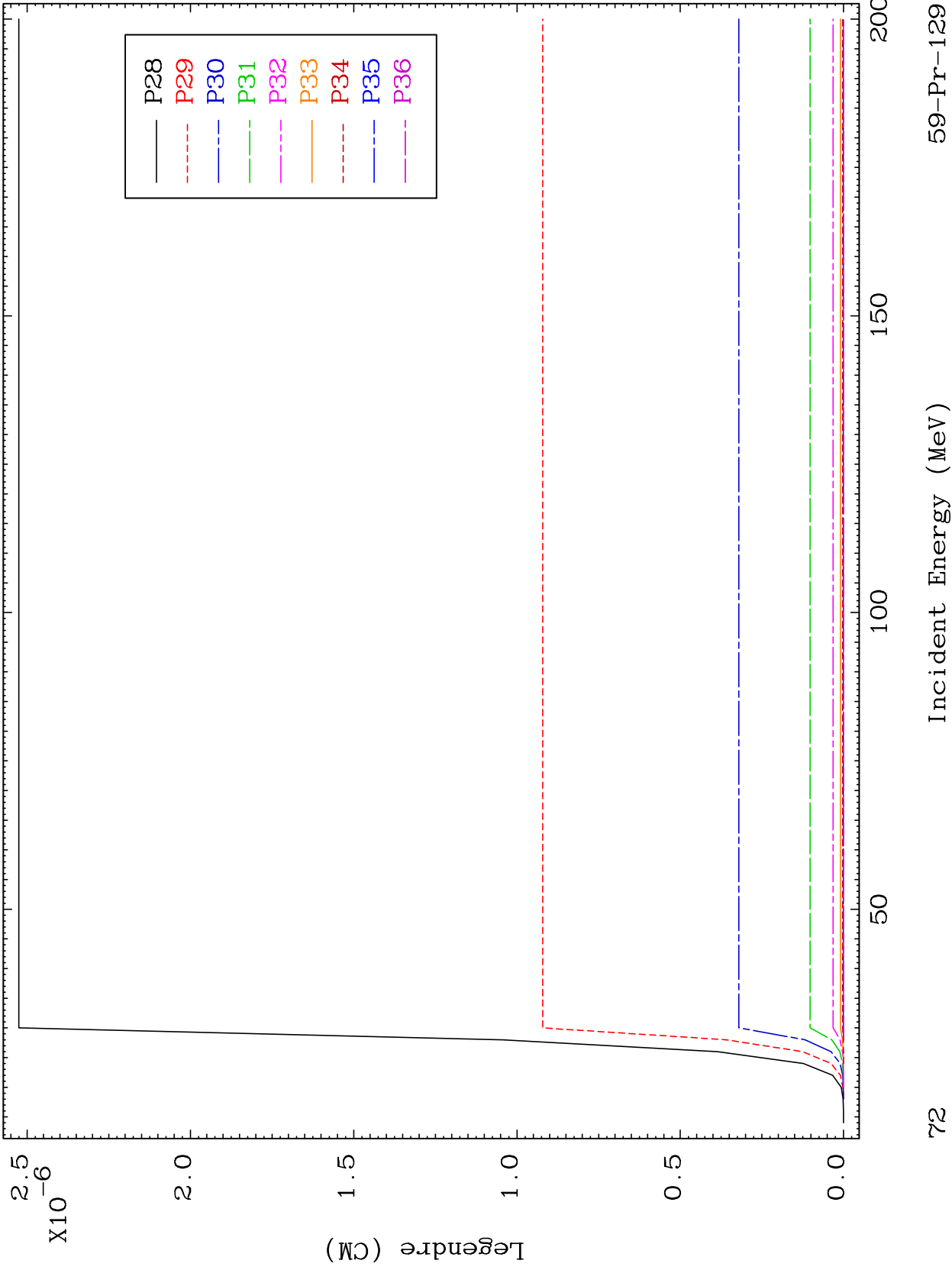
MT= 63 (n,n') Level
Legendre Coefficients

59-Pr-129



71

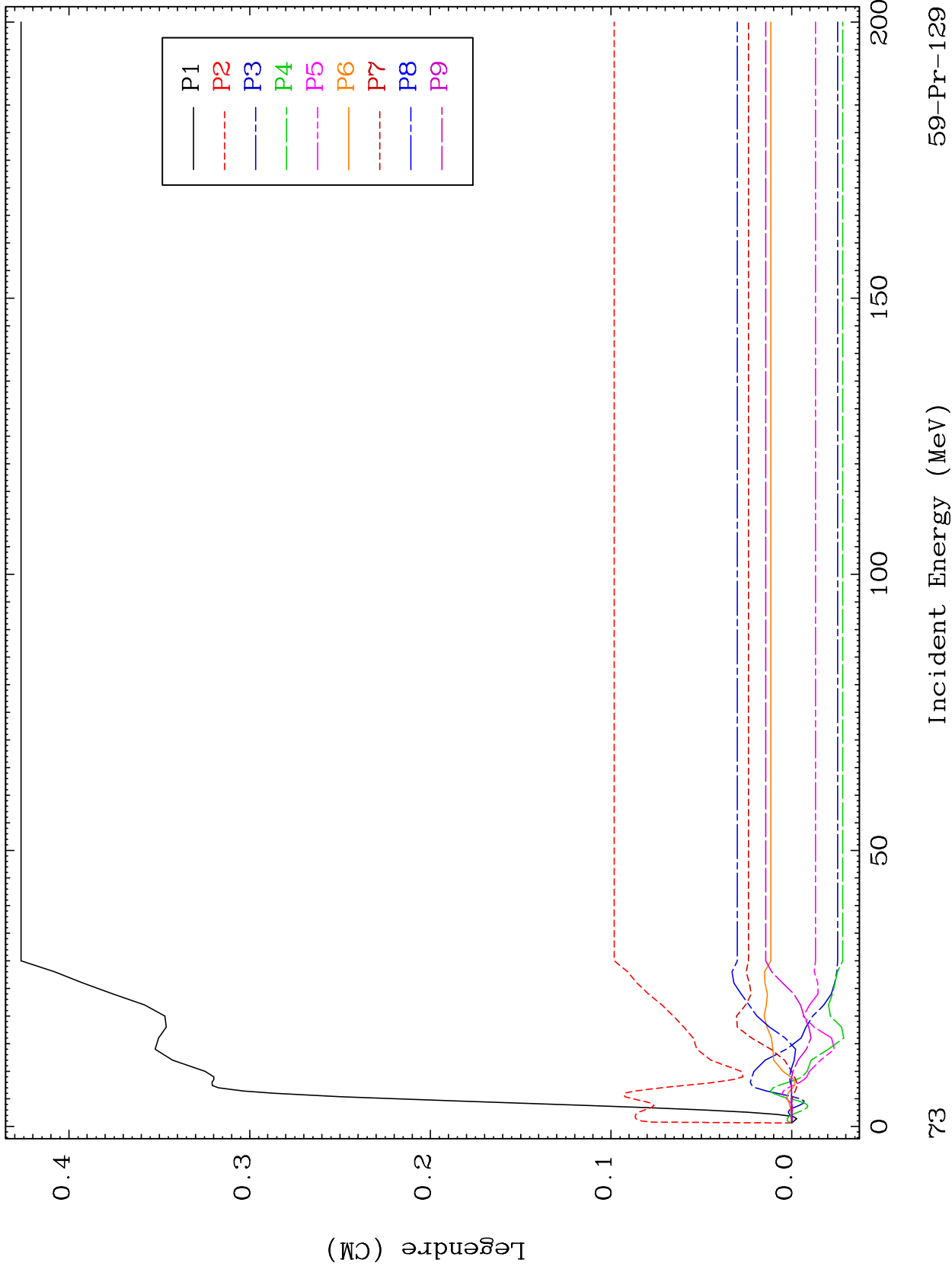
59-Pr-129



MAT 5889

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

59-Pr-129



59-Pr-129

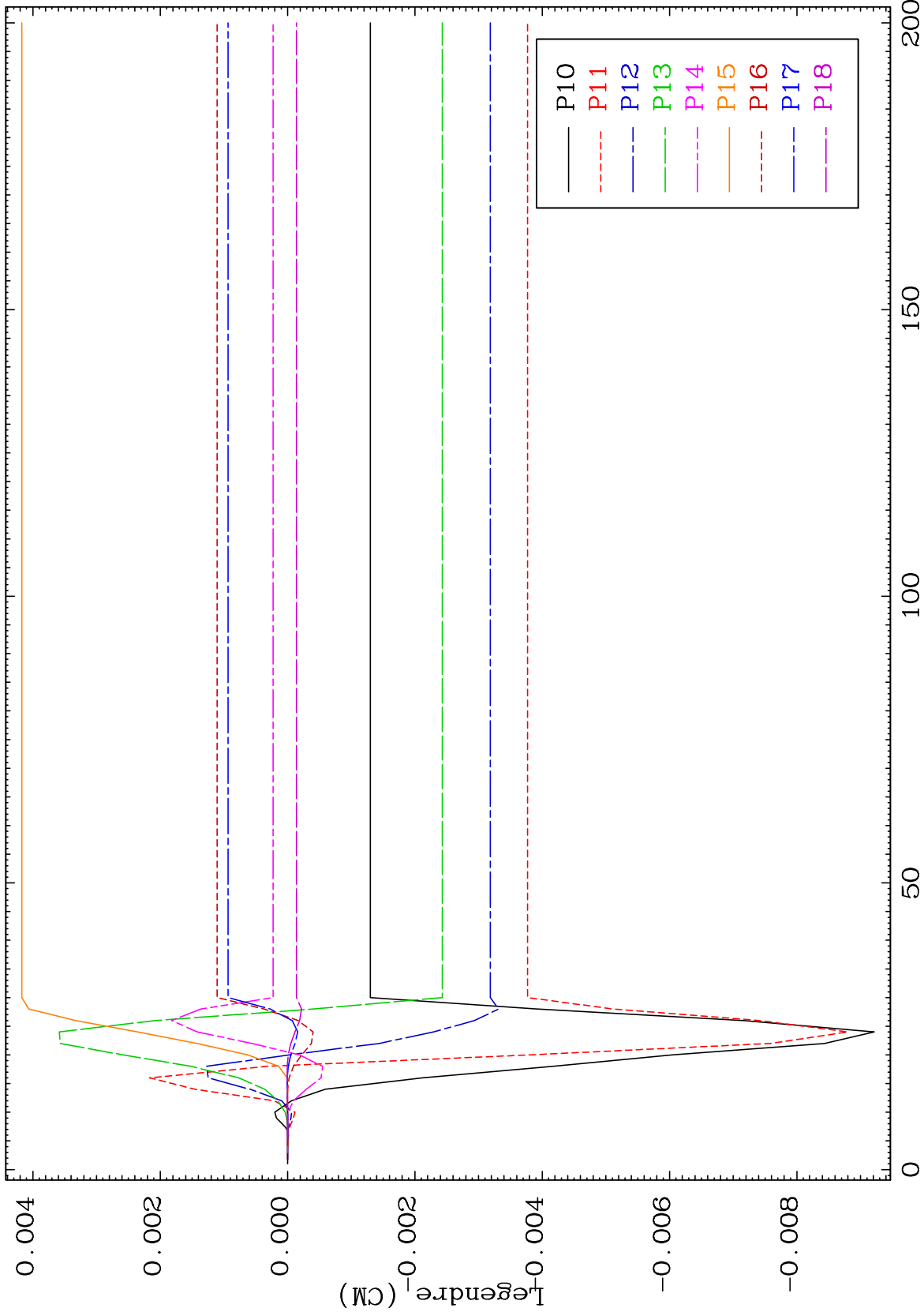
Incident Energy (MeV)

73

MAT 5889

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

59-Pr-129



74

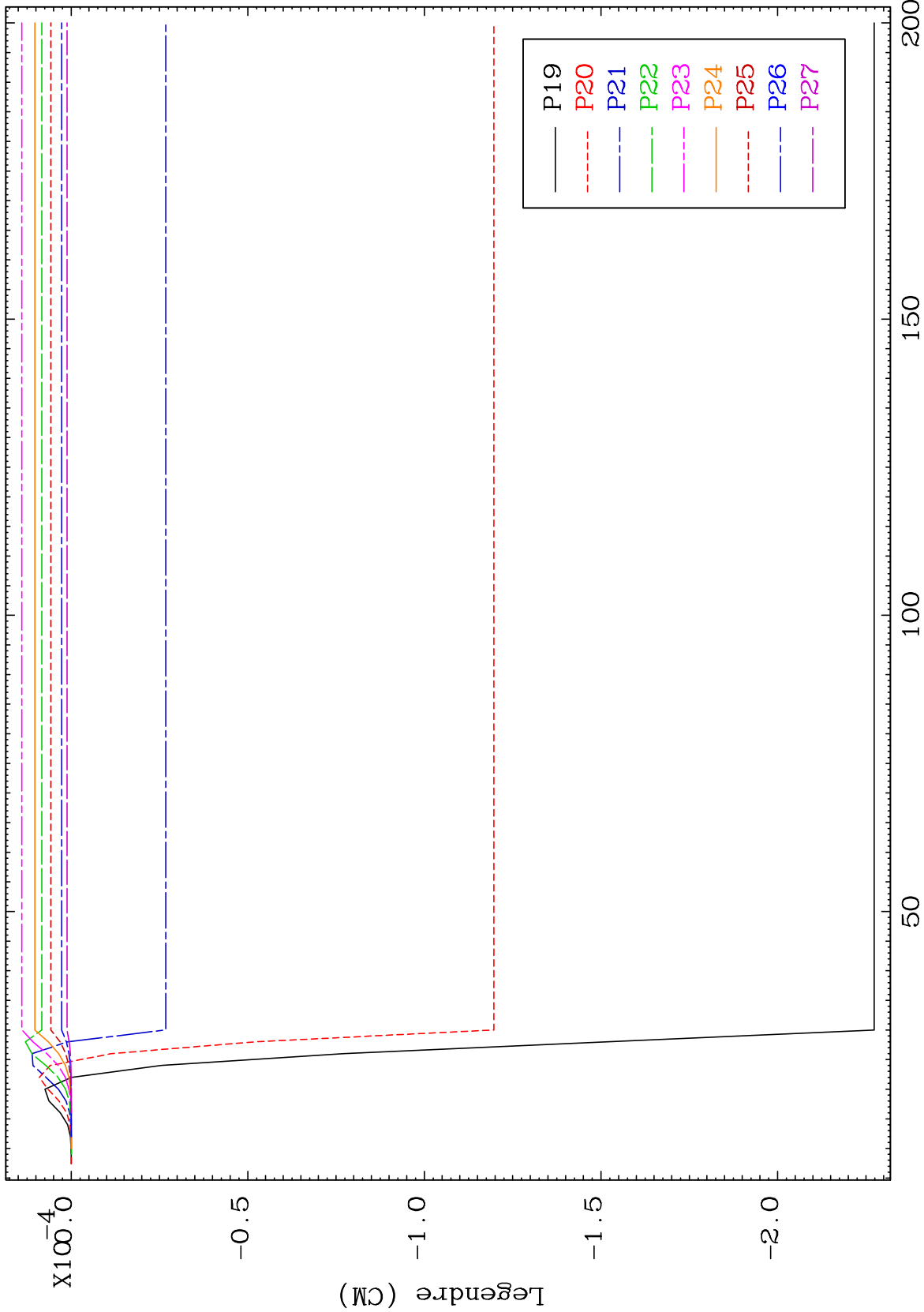
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



75

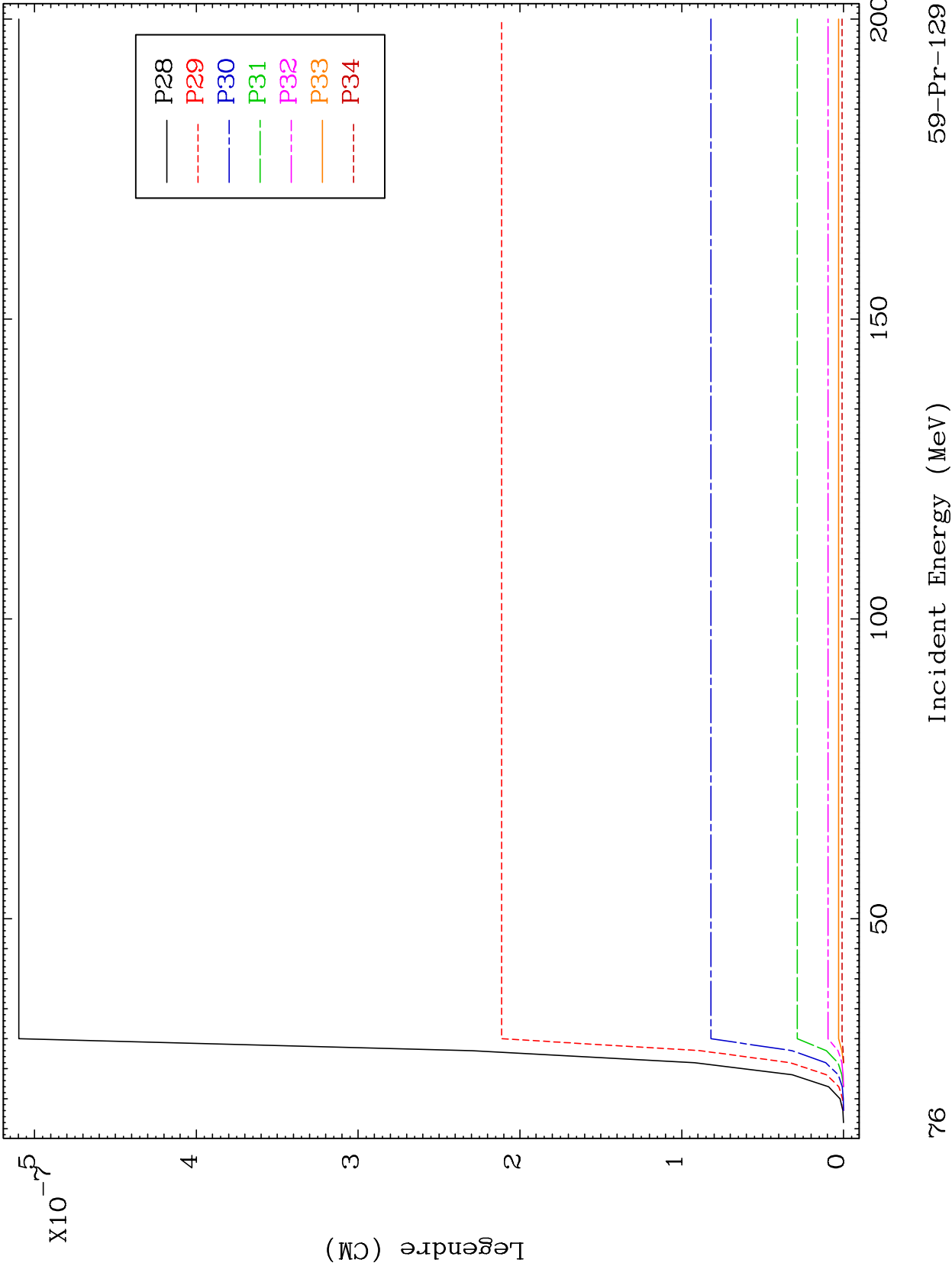
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



76

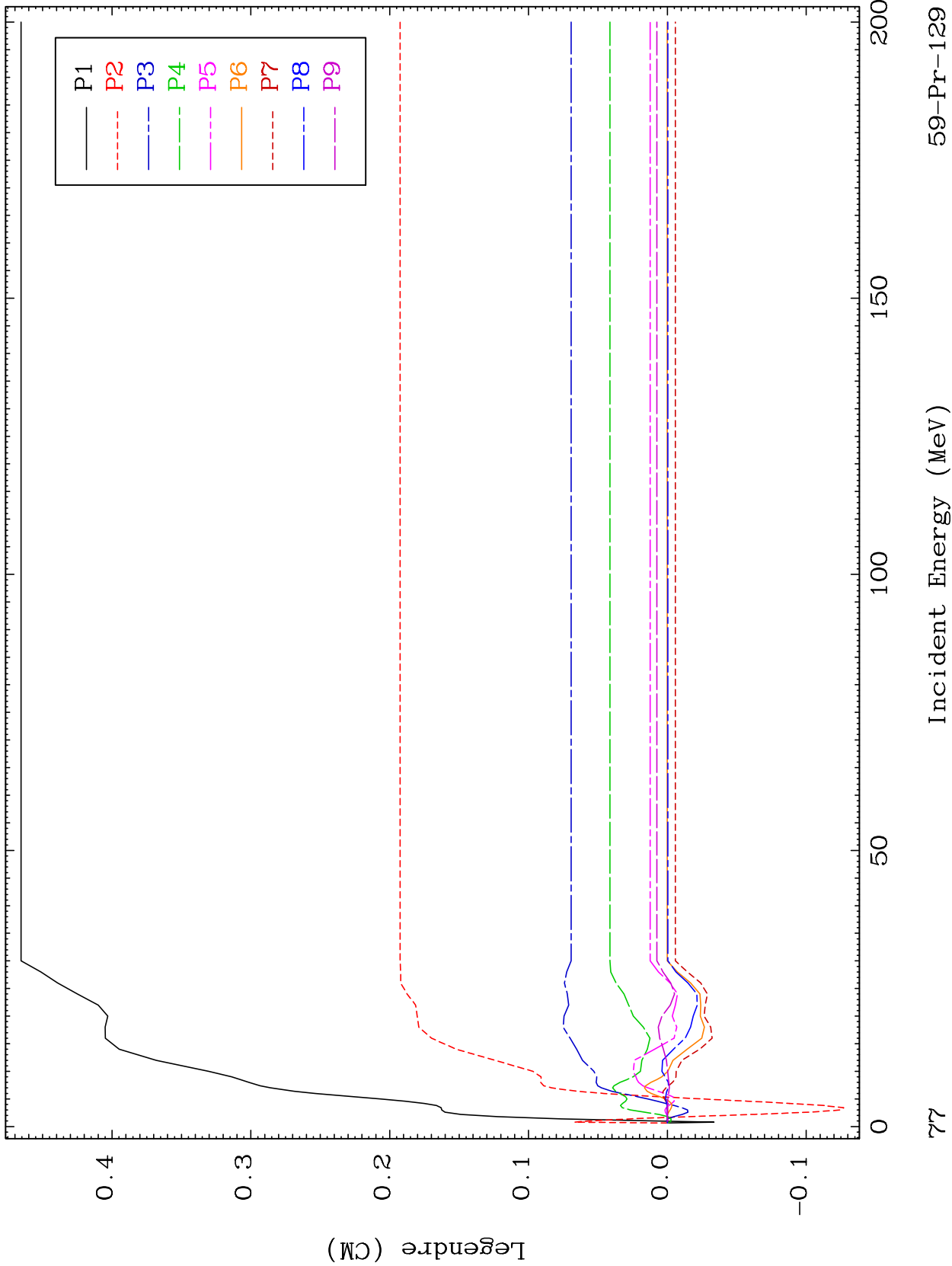
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



59-Pr-129

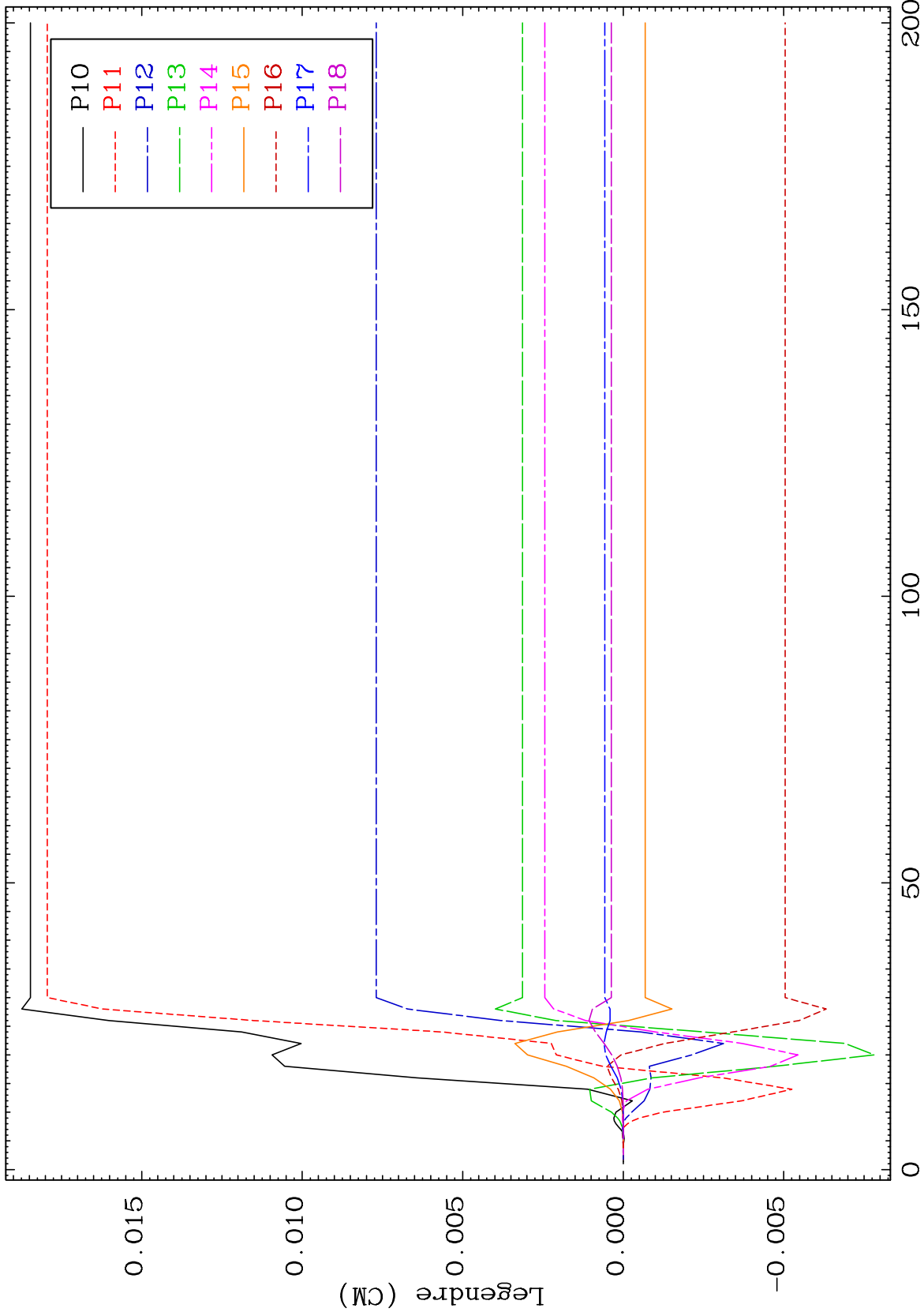
Incident Energy (MeV)

77

MAT 5889

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

59-Pr-129



78

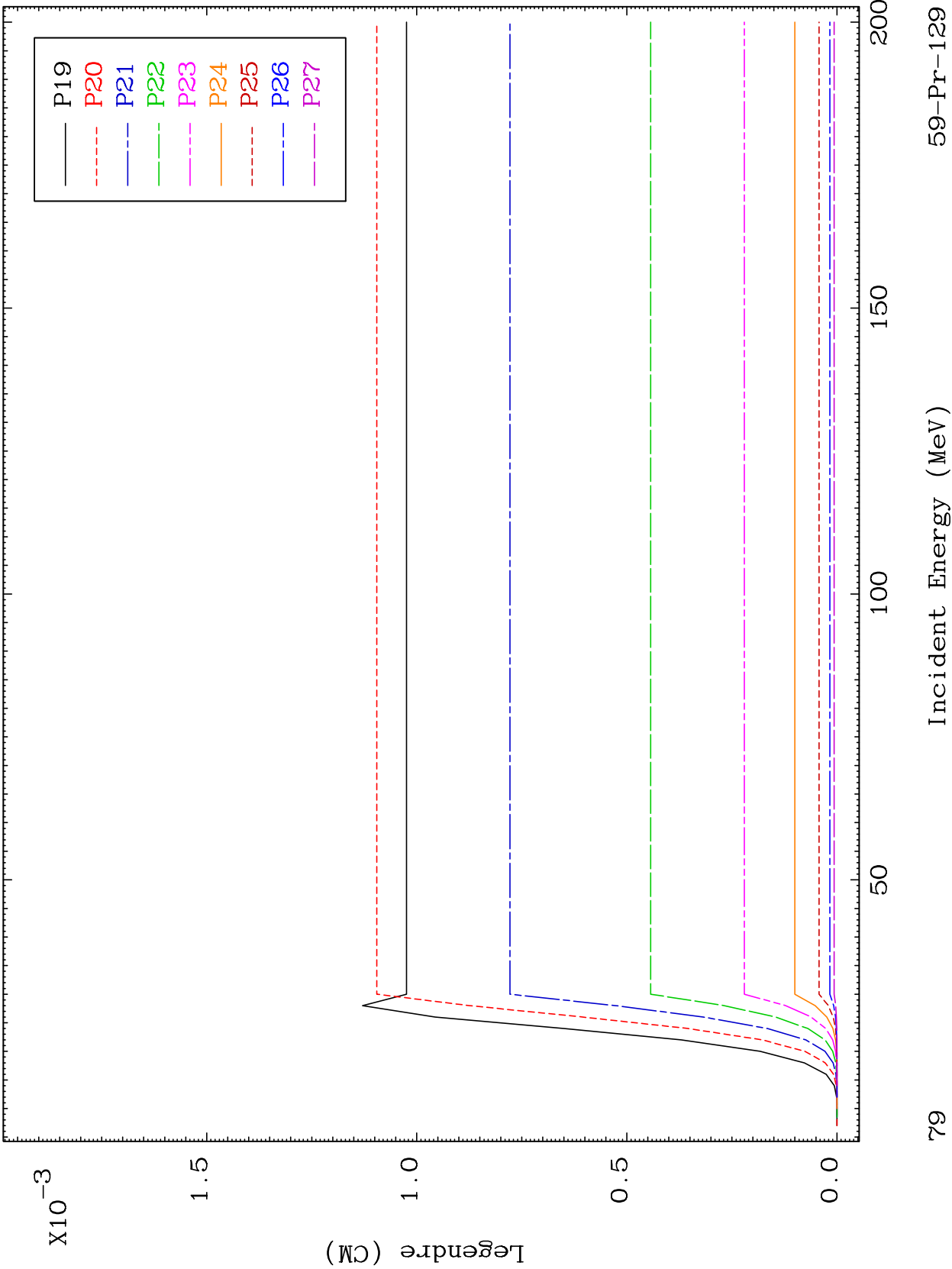
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



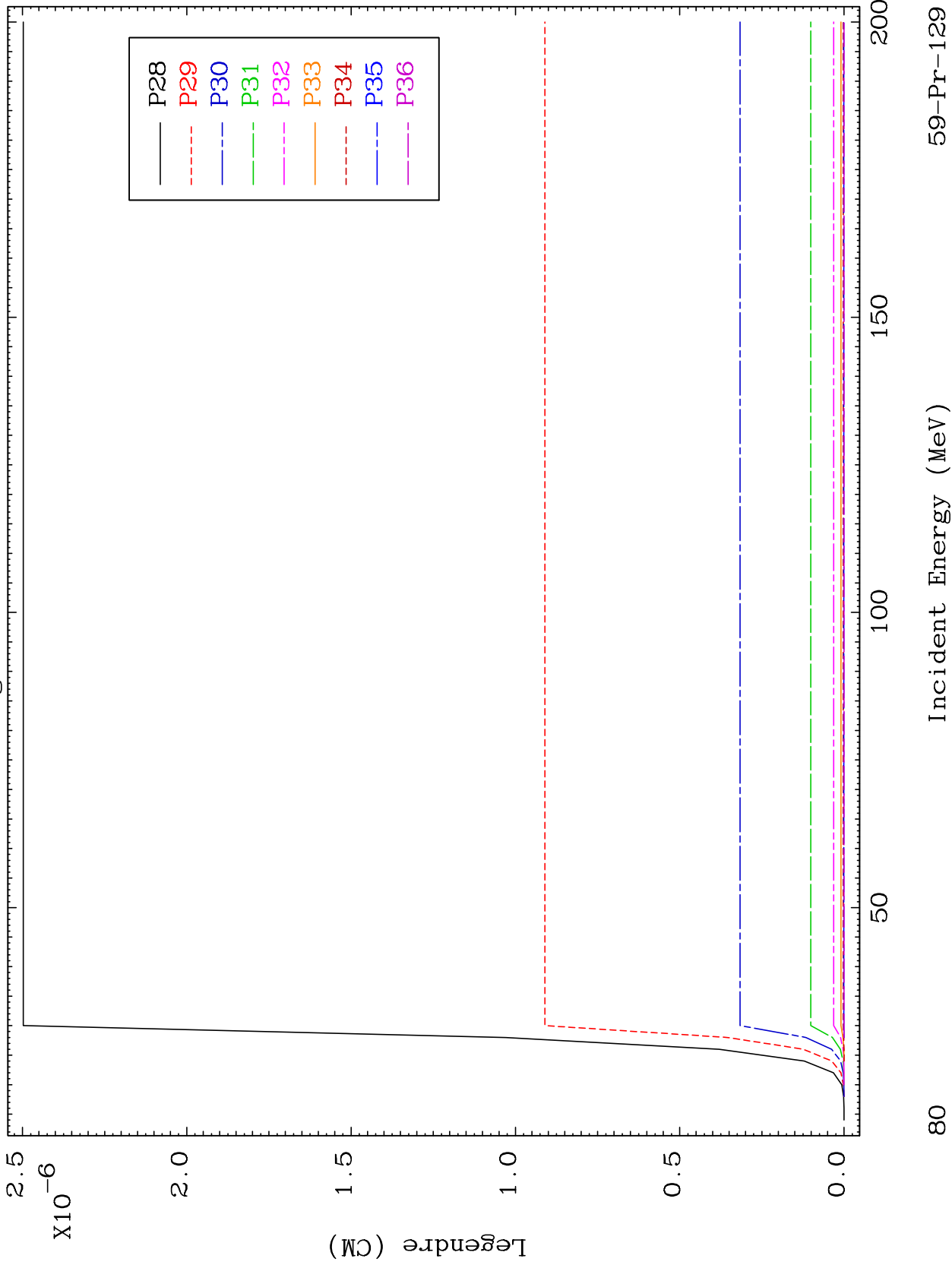
79

59-Pr-129

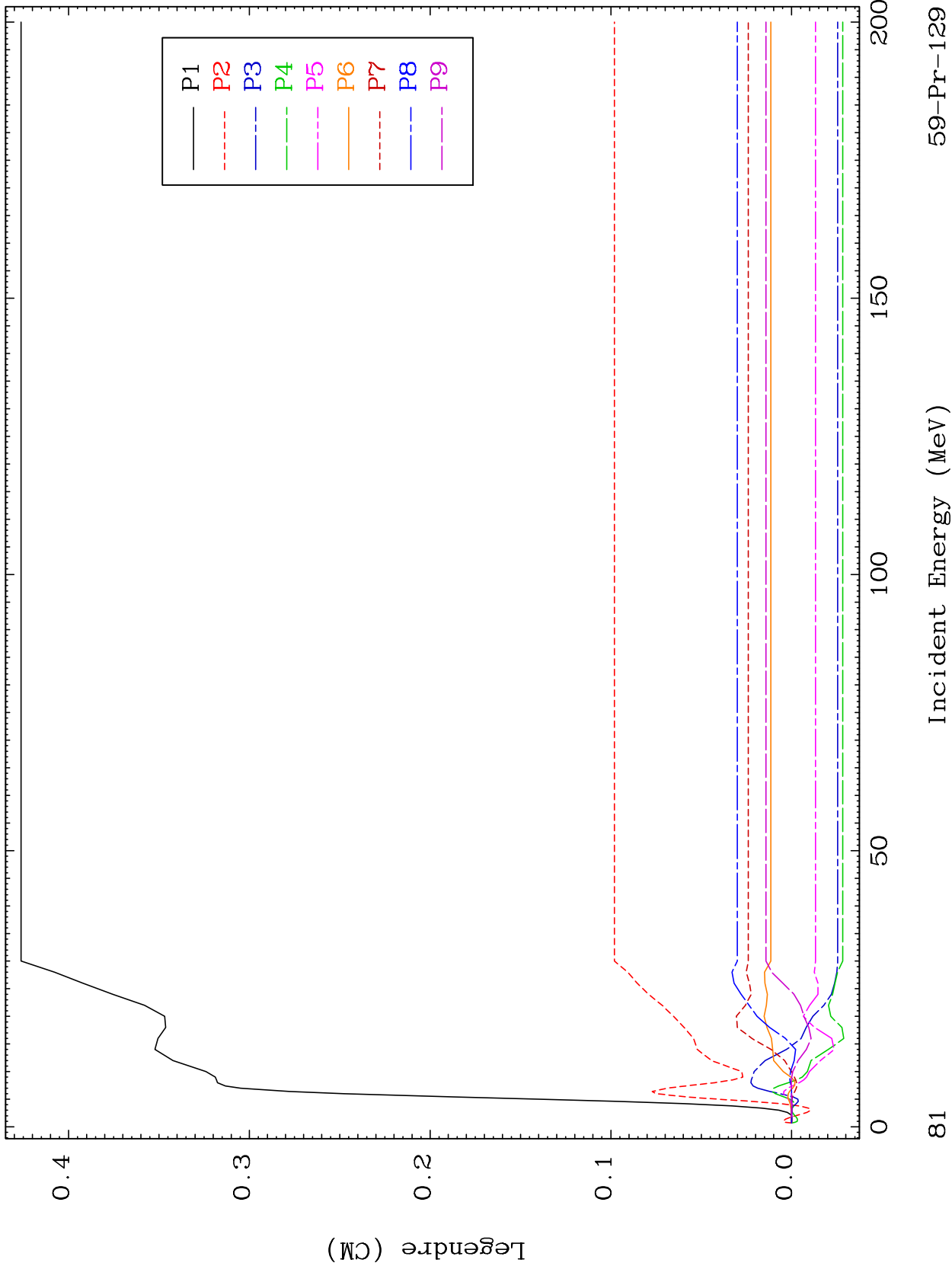
MAT 5889

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

59-Pr-129



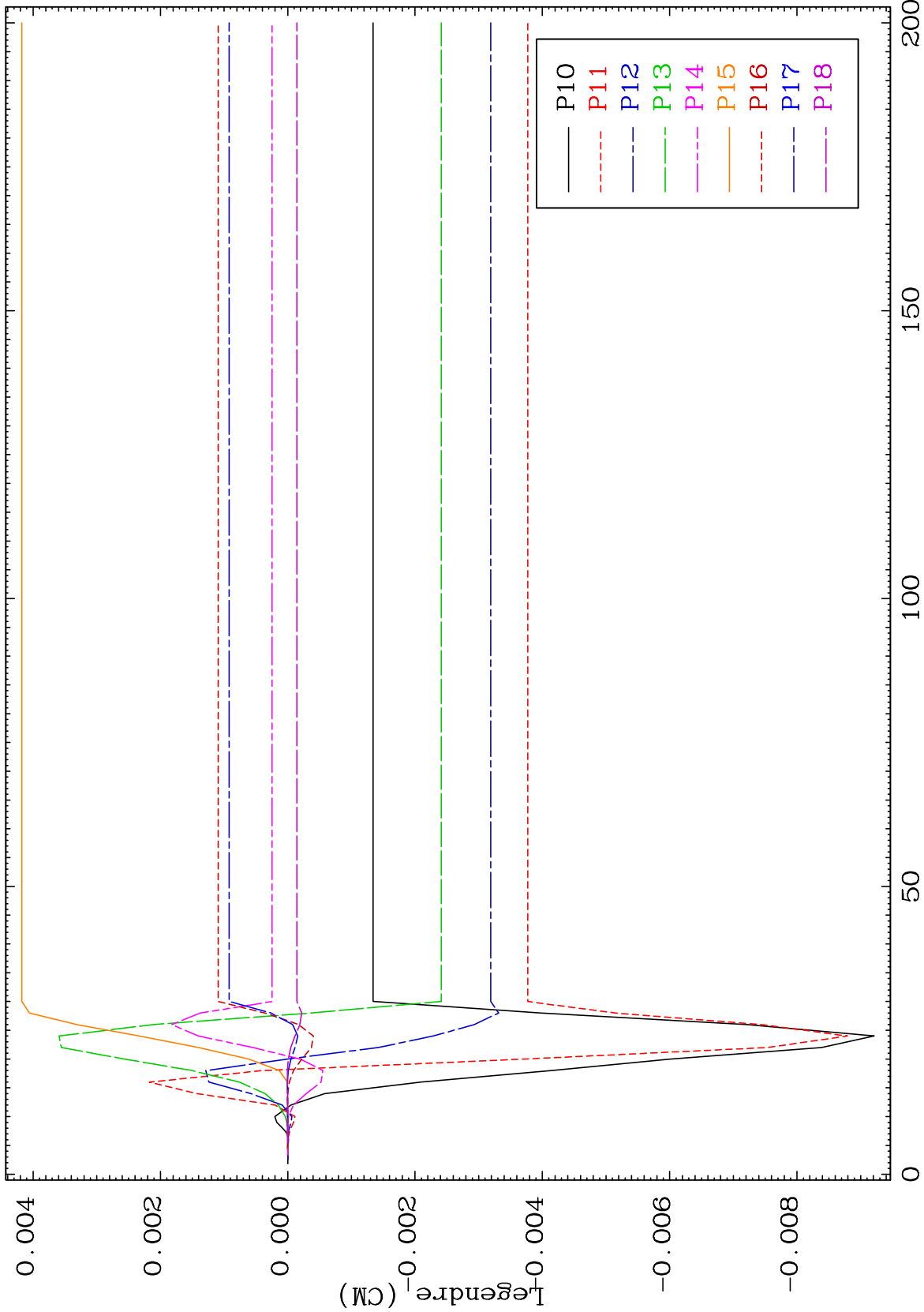
59-Pr-129



MAT 5889

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

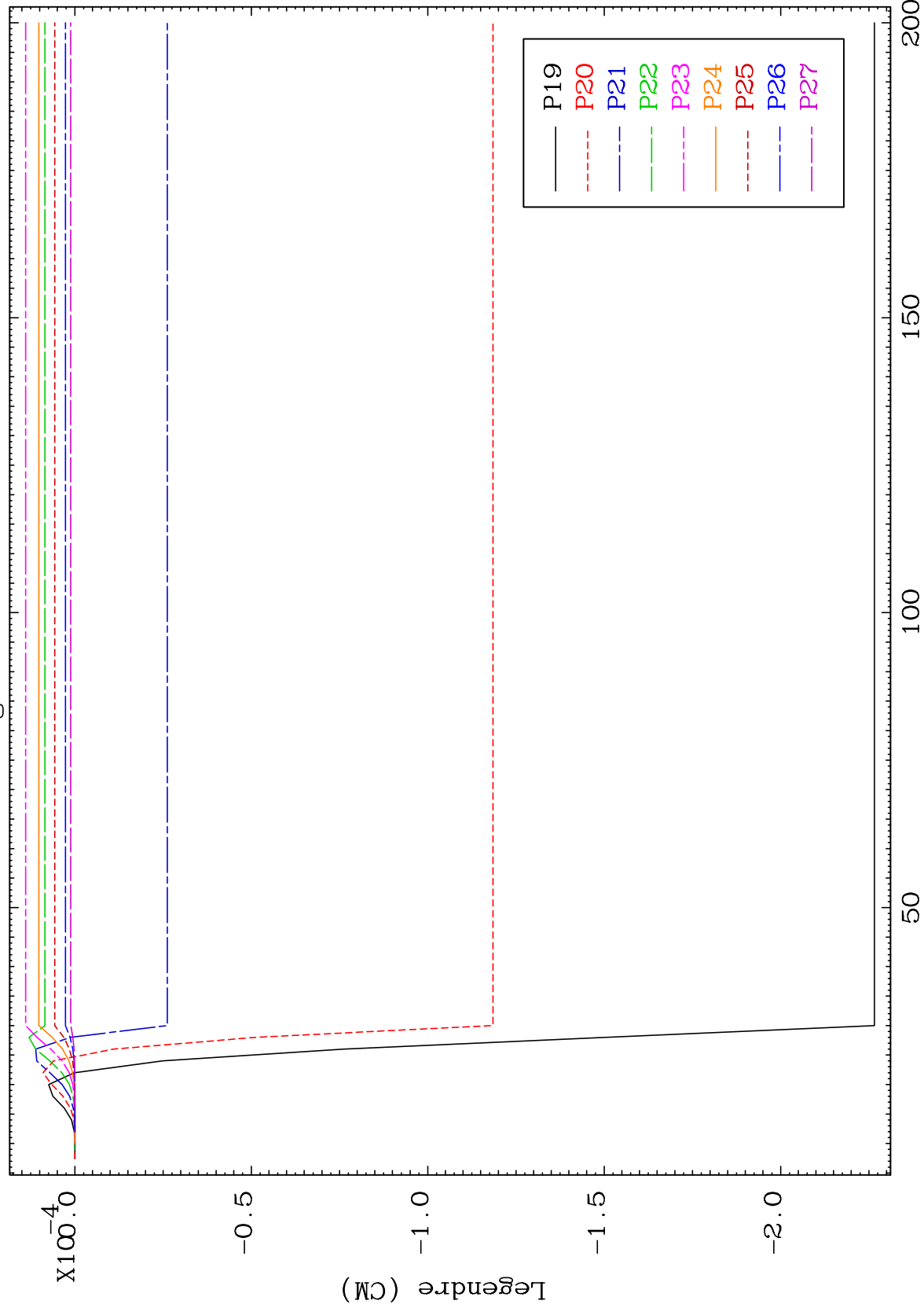
59-Pr-129



82

Incident Energy (MeV)

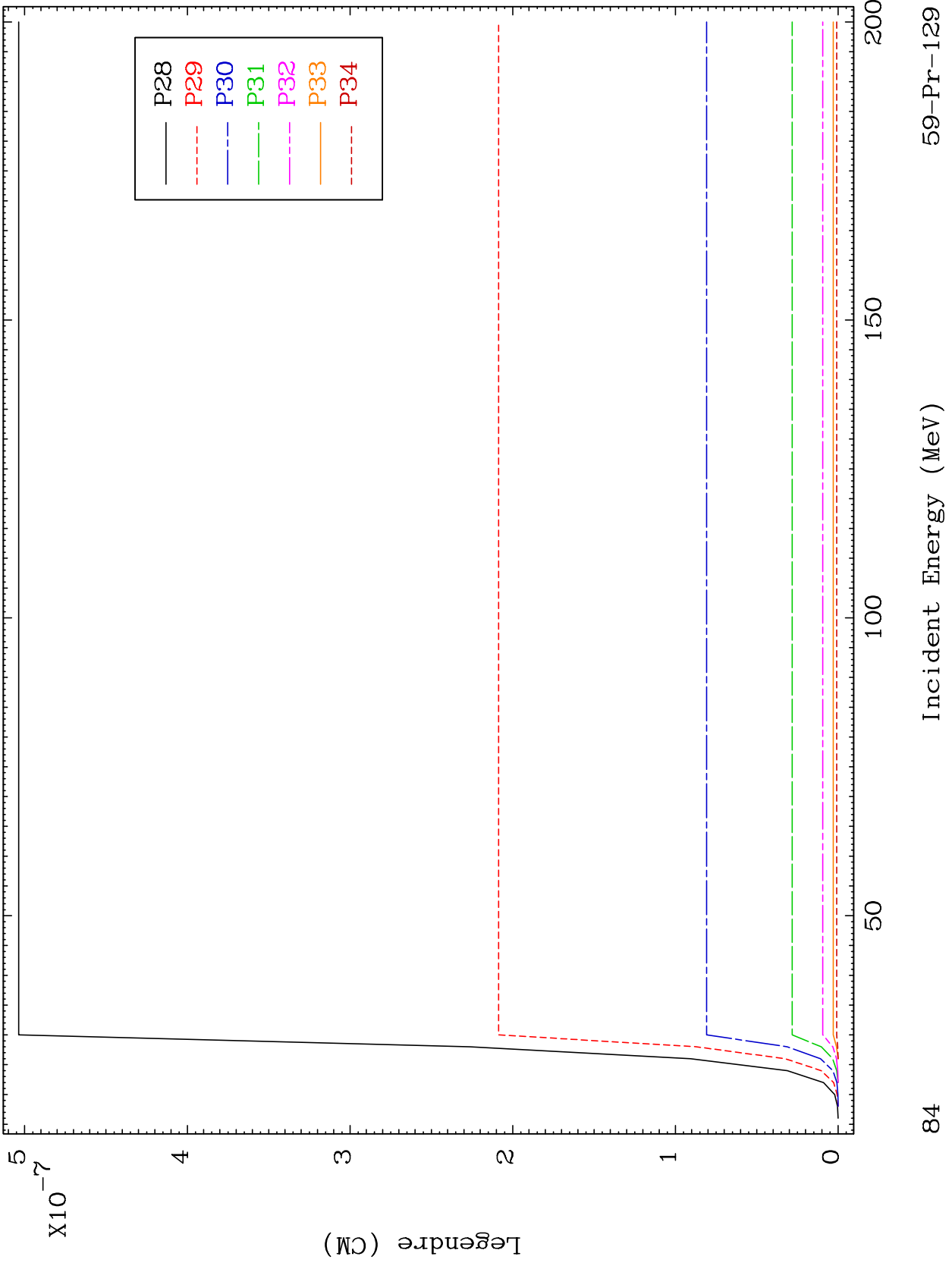
59-Pr-129



MAT 5889

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

59-Pr-129



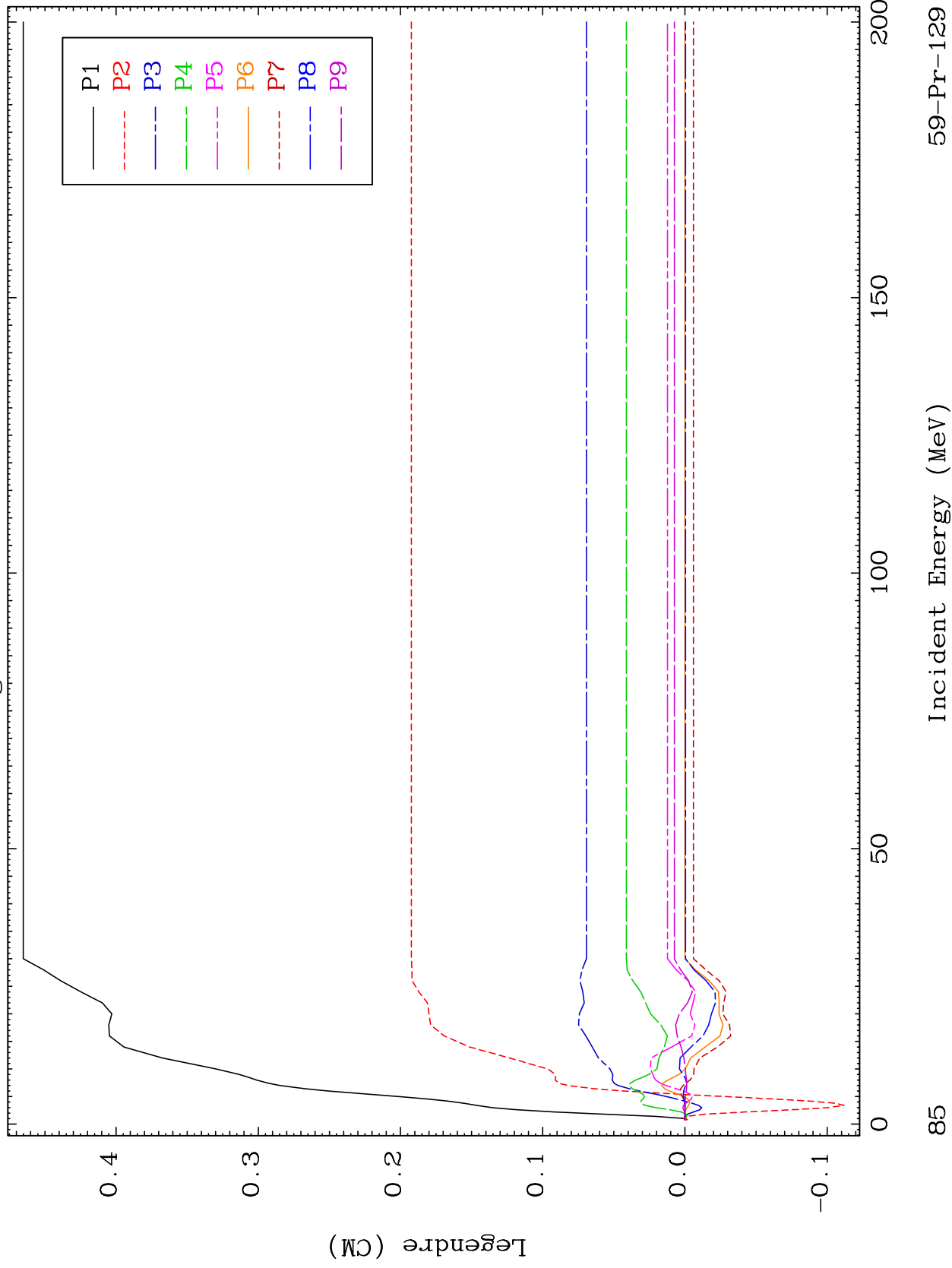
84

59-Pr-129

MAT 5889

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

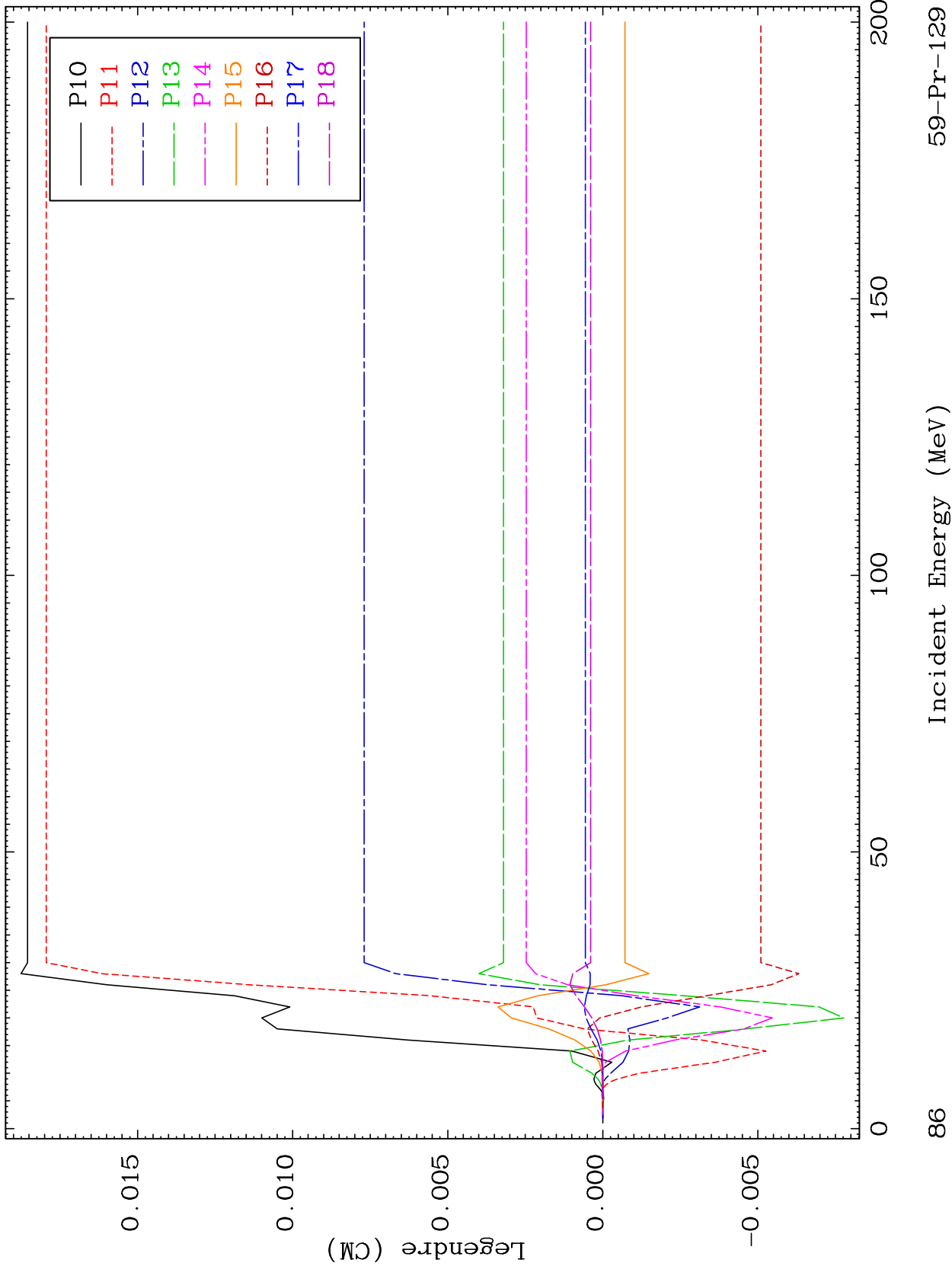
59-Pr-129

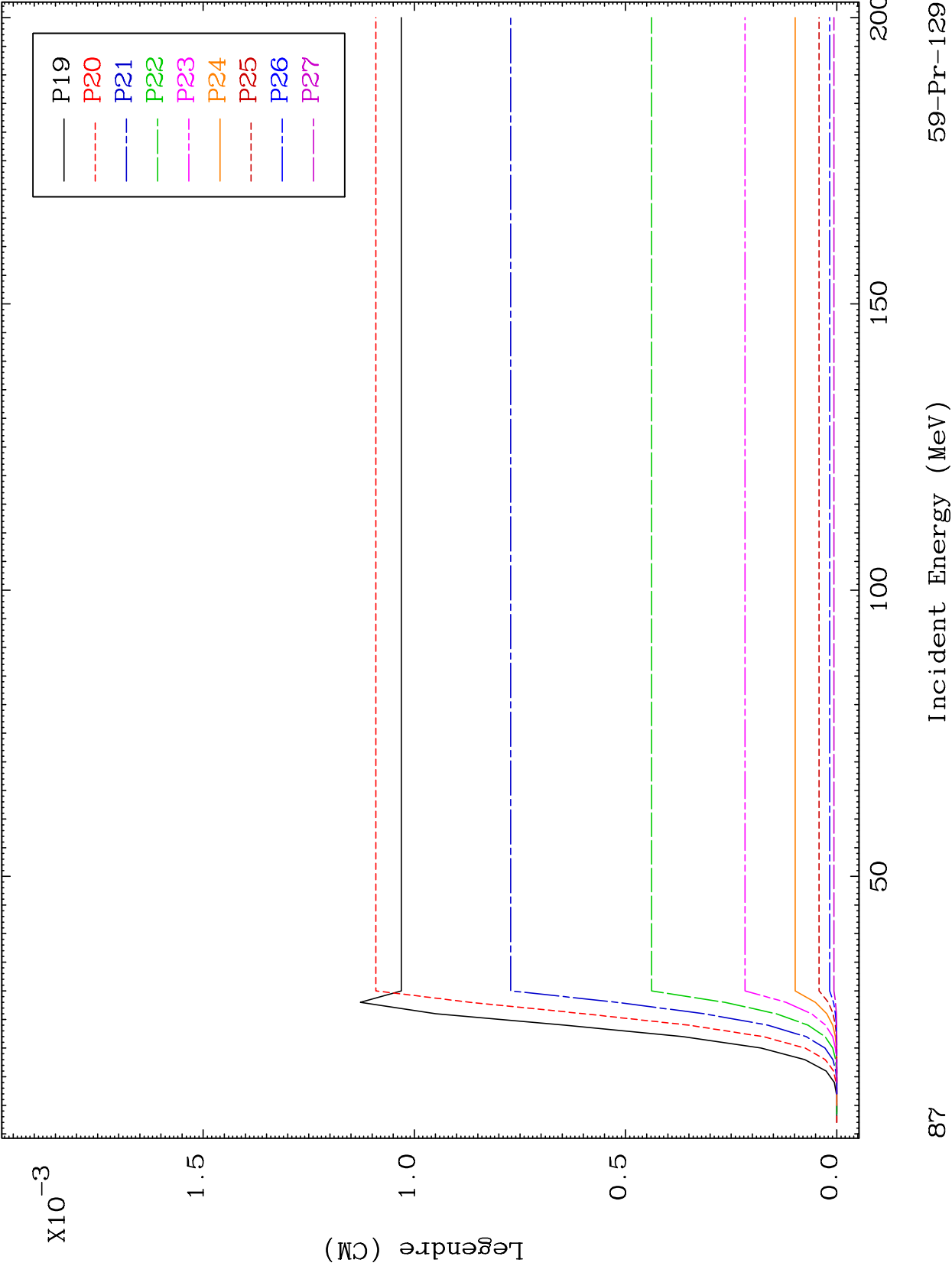


59-Pr-129

Incident Energy (MeV)

85

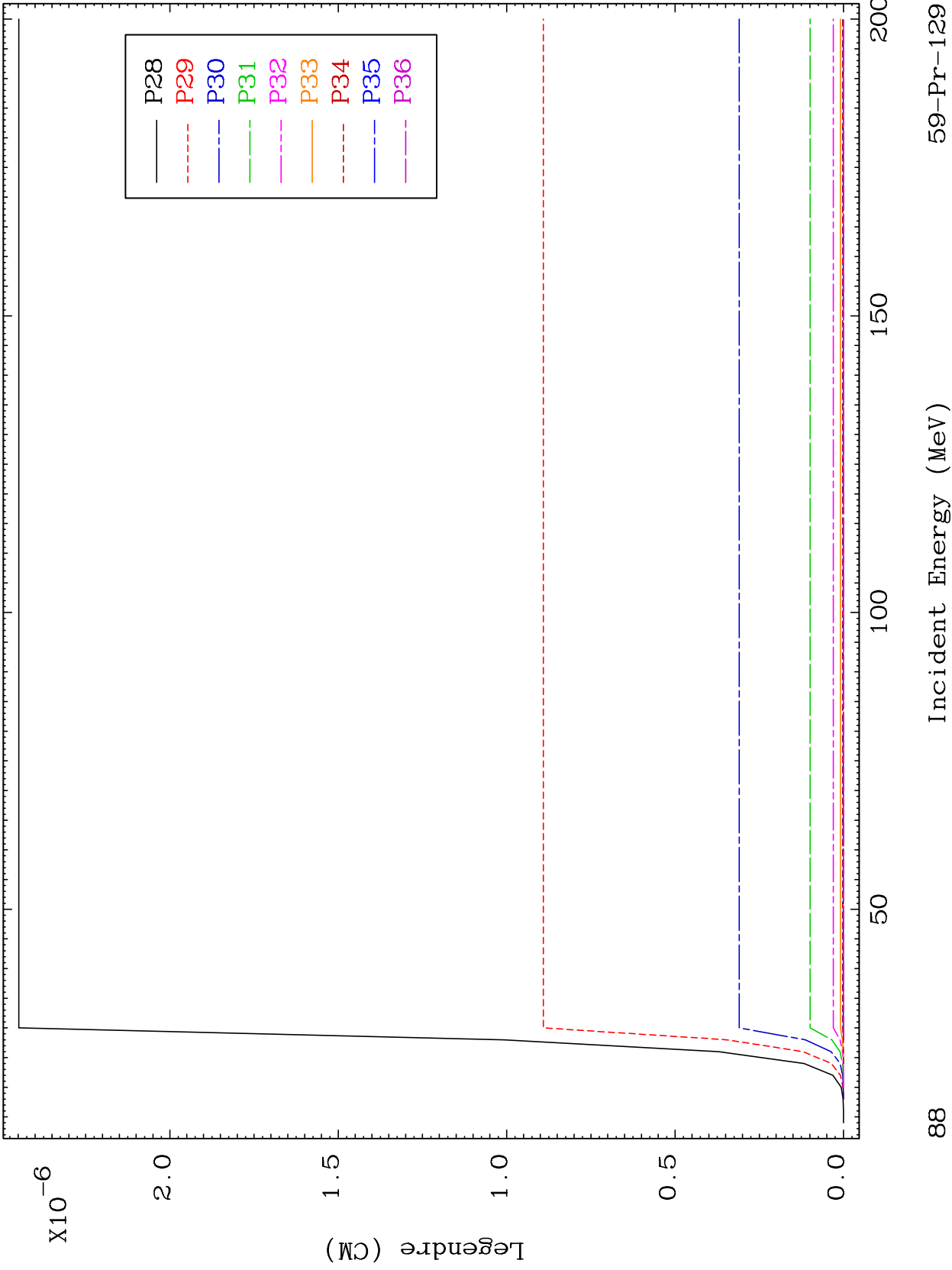




MAT 5889

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

59-Pr-129



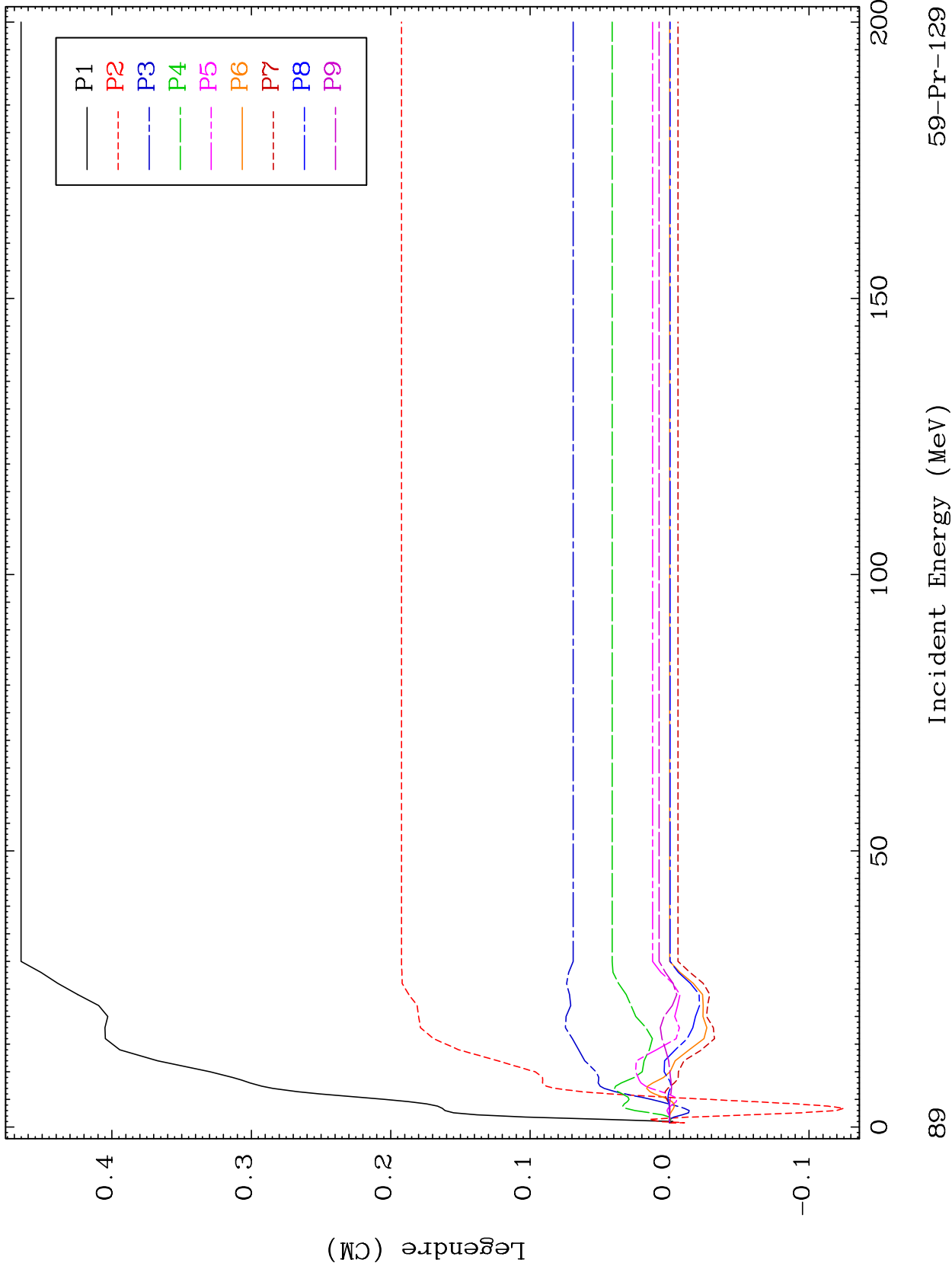
88

59-Pr-129

MAT 5889

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

59-Pr-129



59-Pr-129

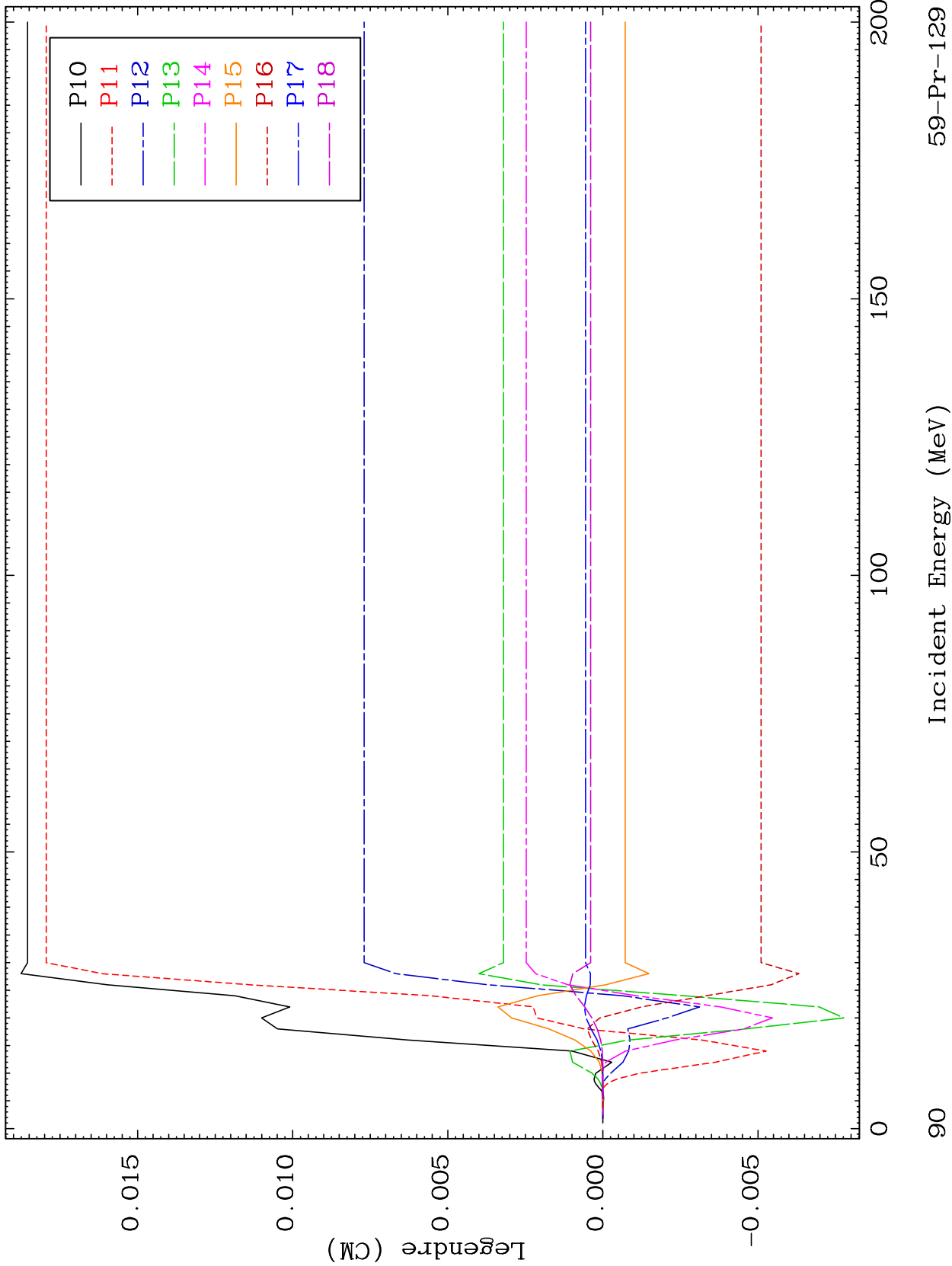
Incident Energy (MeV)

89

MAT 5889

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

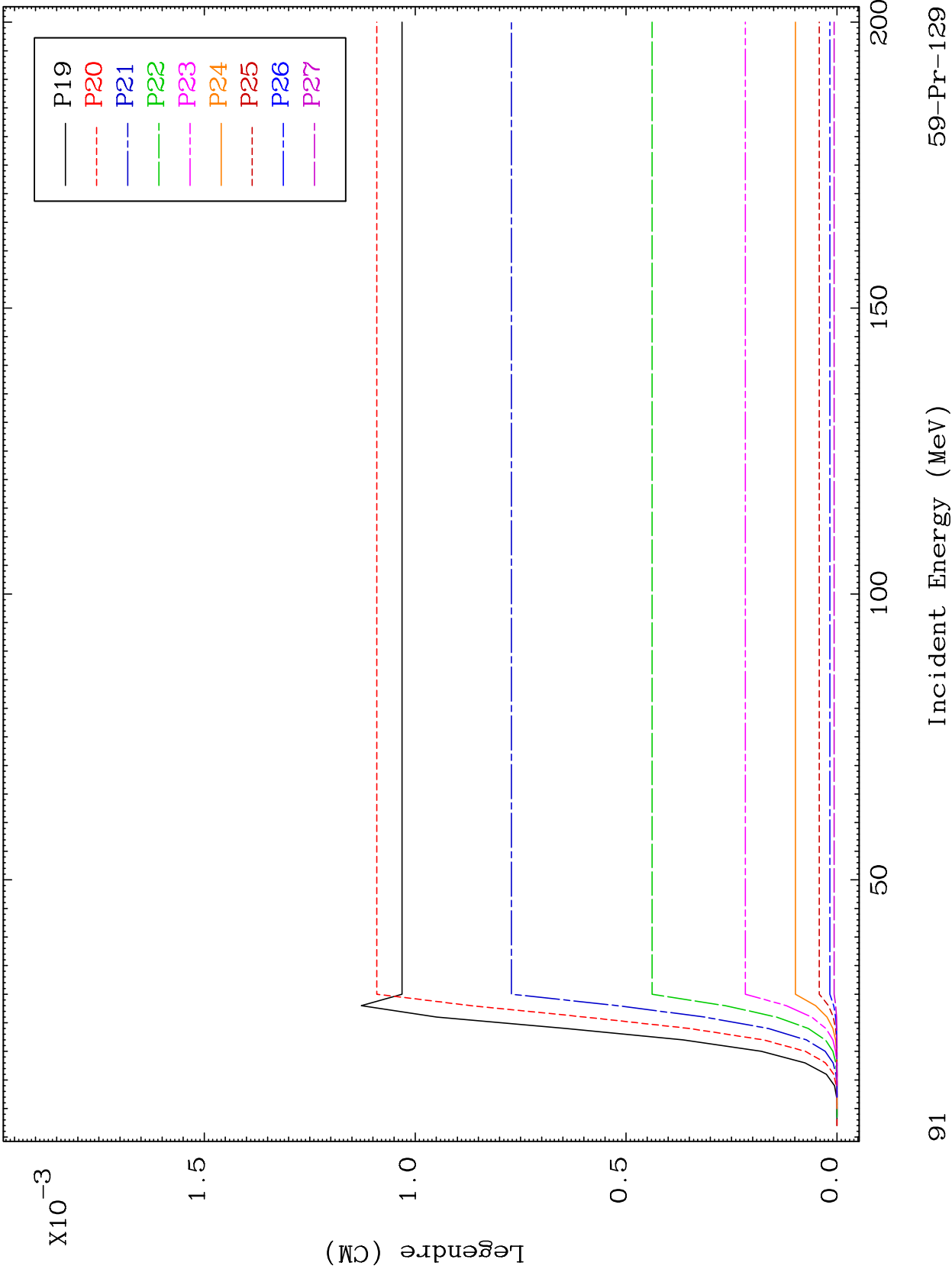
59-Pr-129

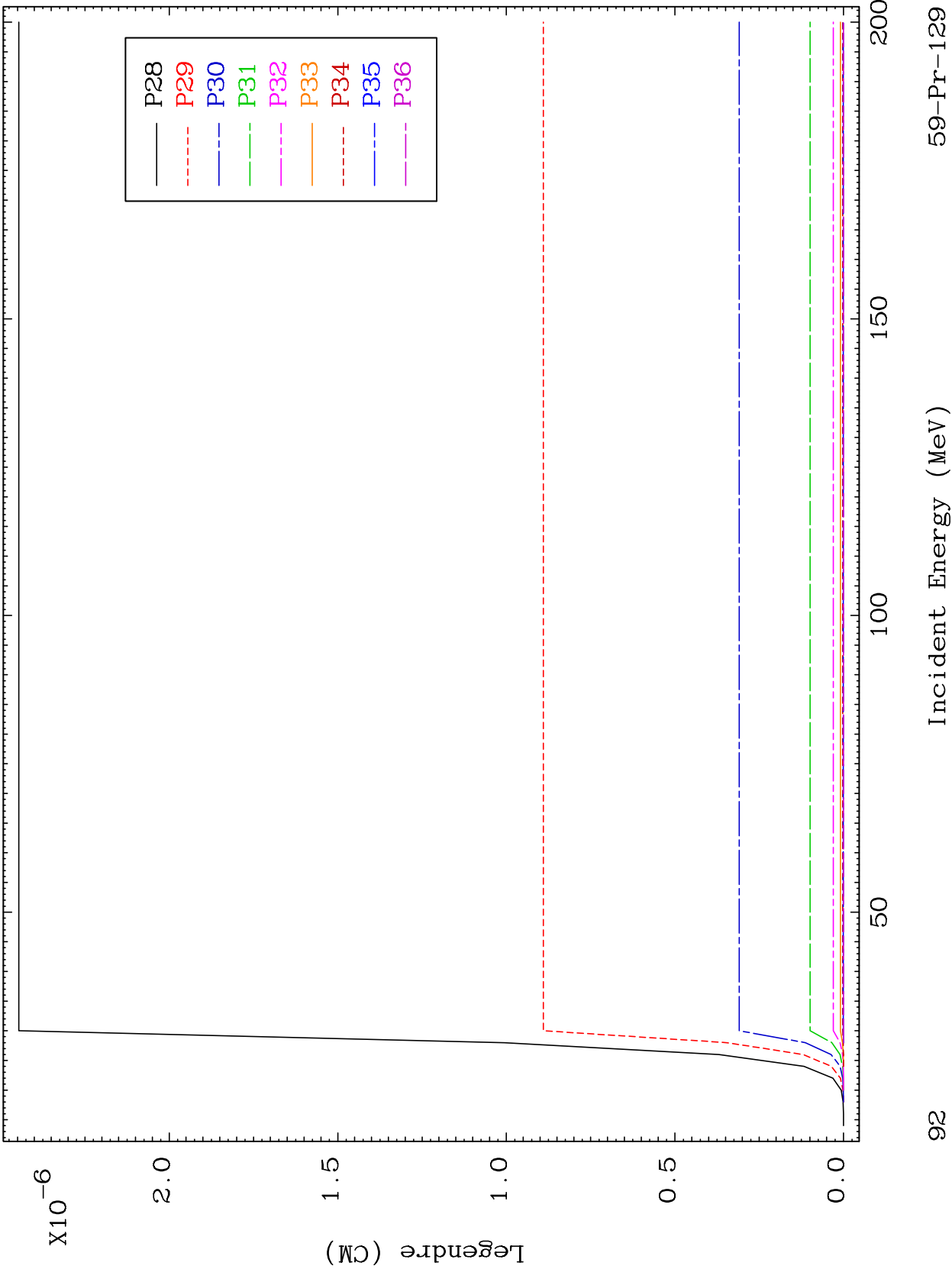


59-Pr-129

Incident Energy (MeV)

90

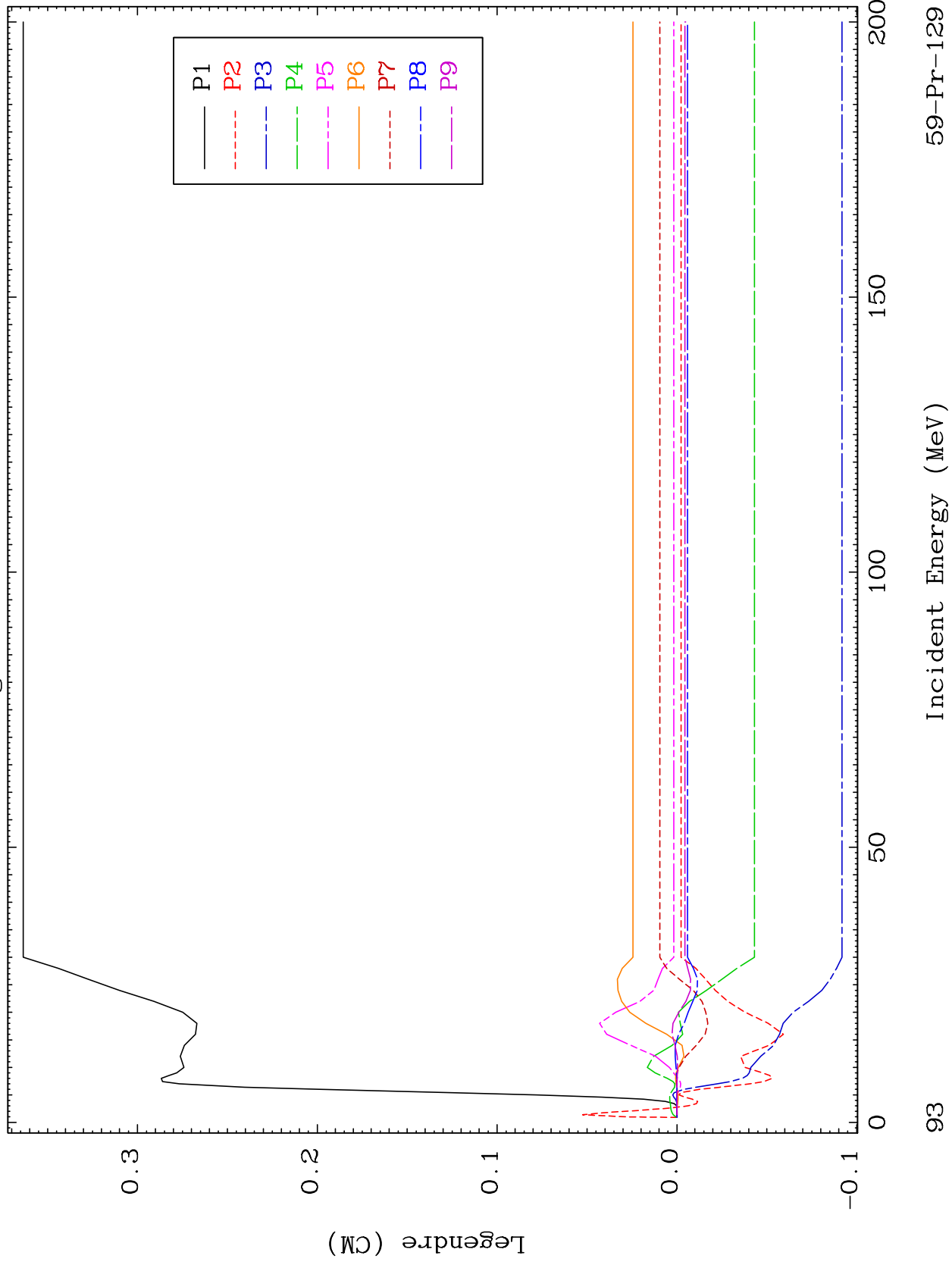




MAT 5889

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

59-Pr-129



93

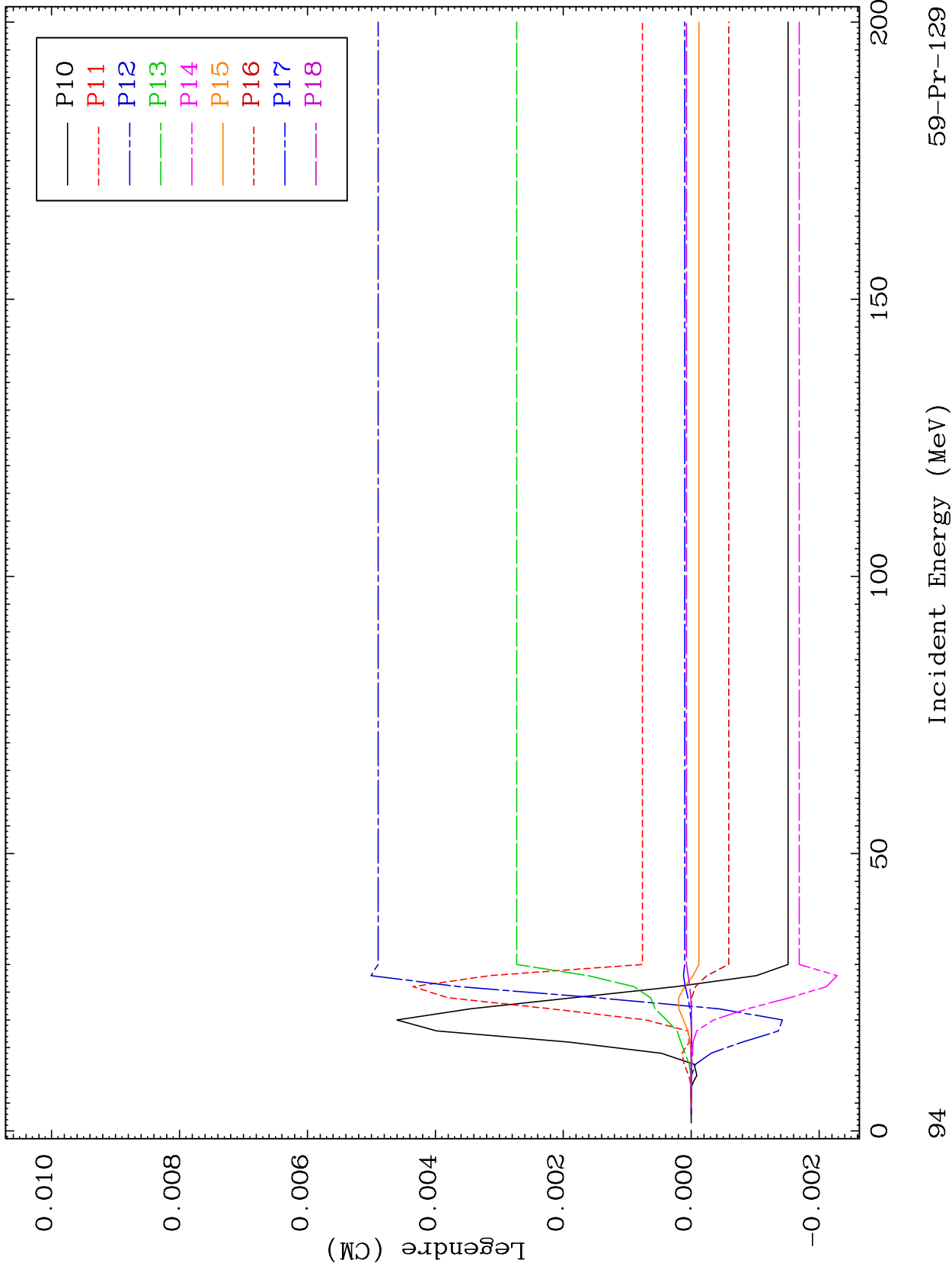
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



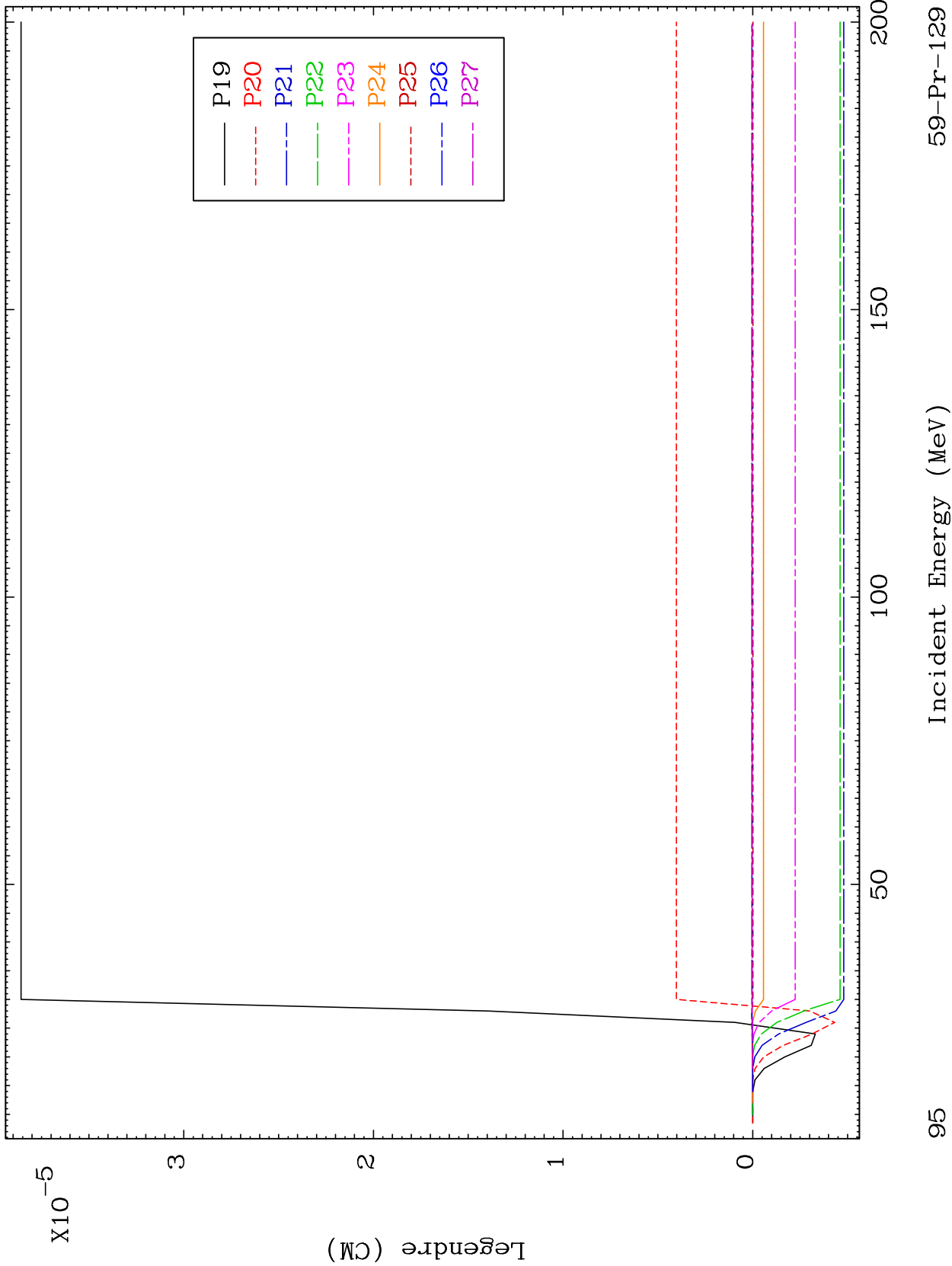
94

59-Pr-129

MAT 5889

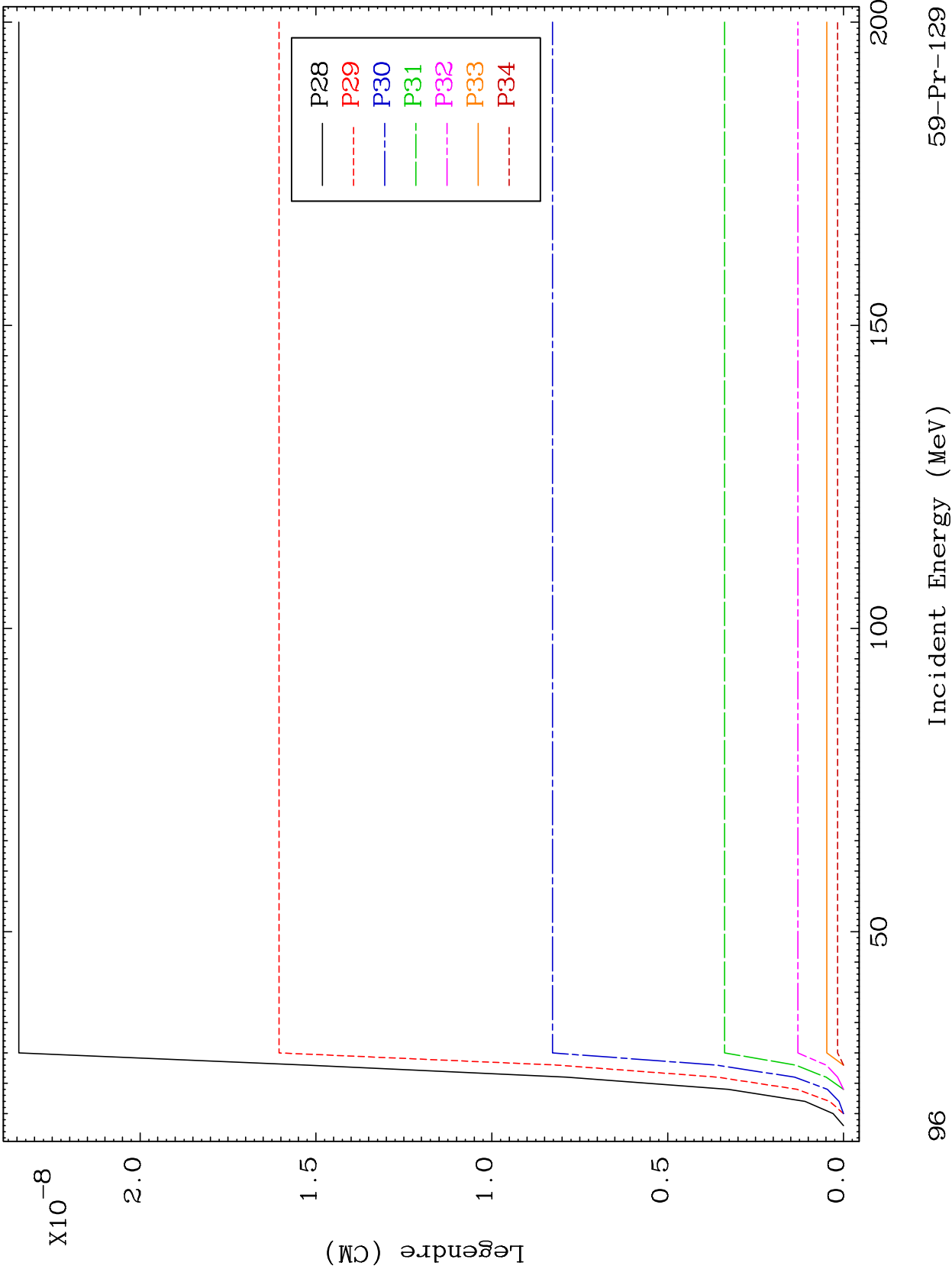
MT= 69 (n,n') Level
Legendre Coefficients

59-Pr-129



95

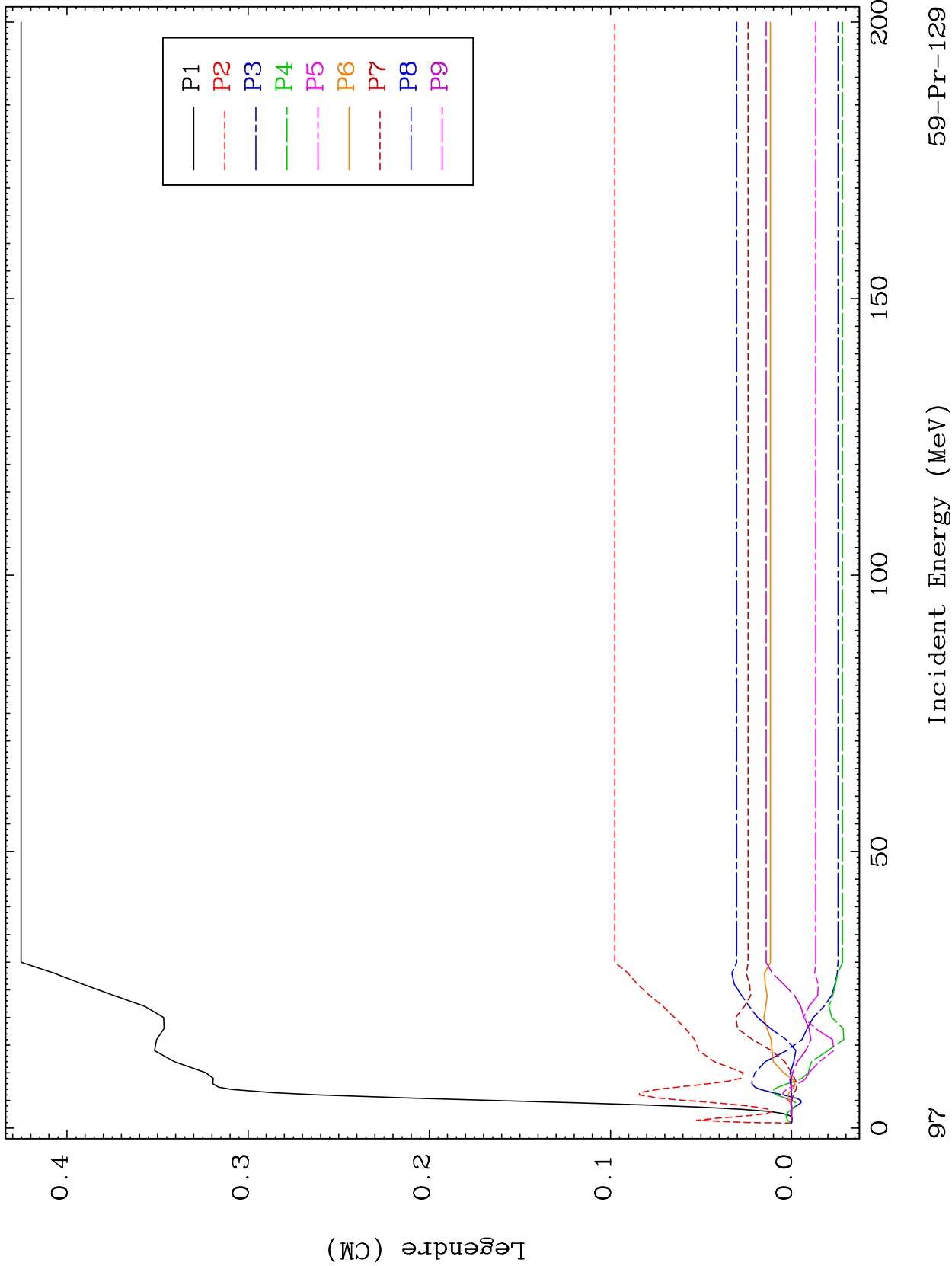
59-Pr-129



MAT 5889

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

59-Pr-129



97

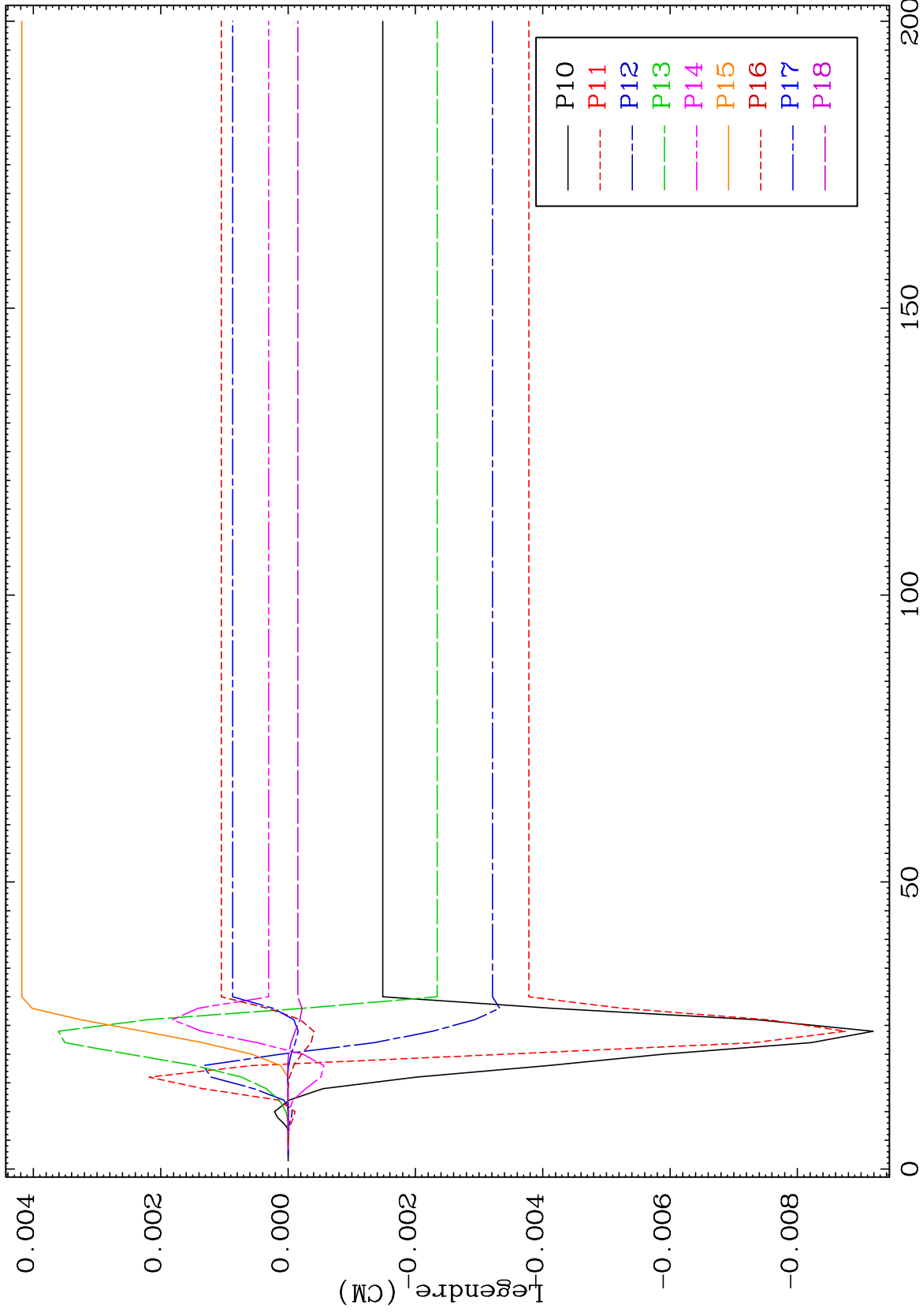
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



98

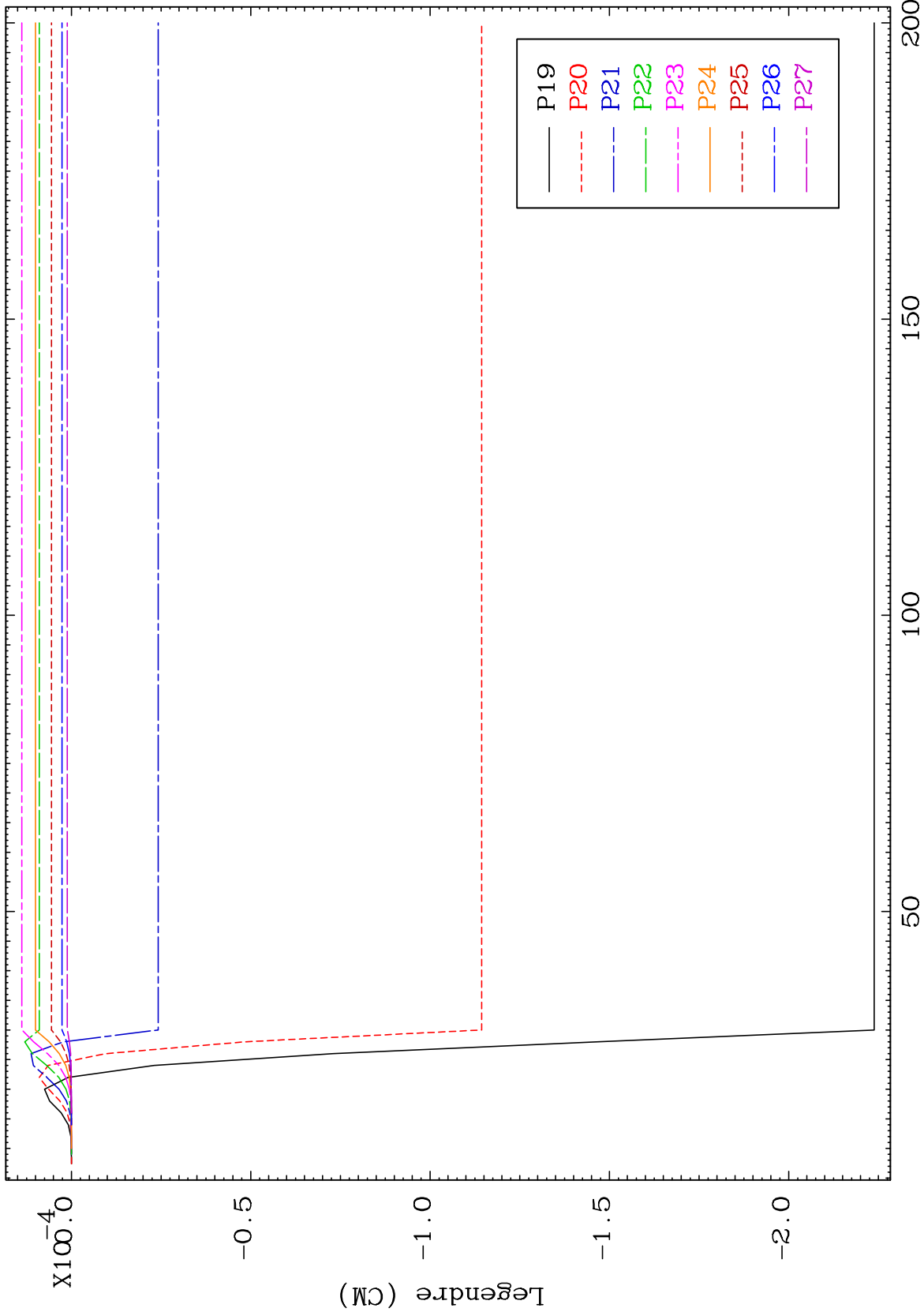
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

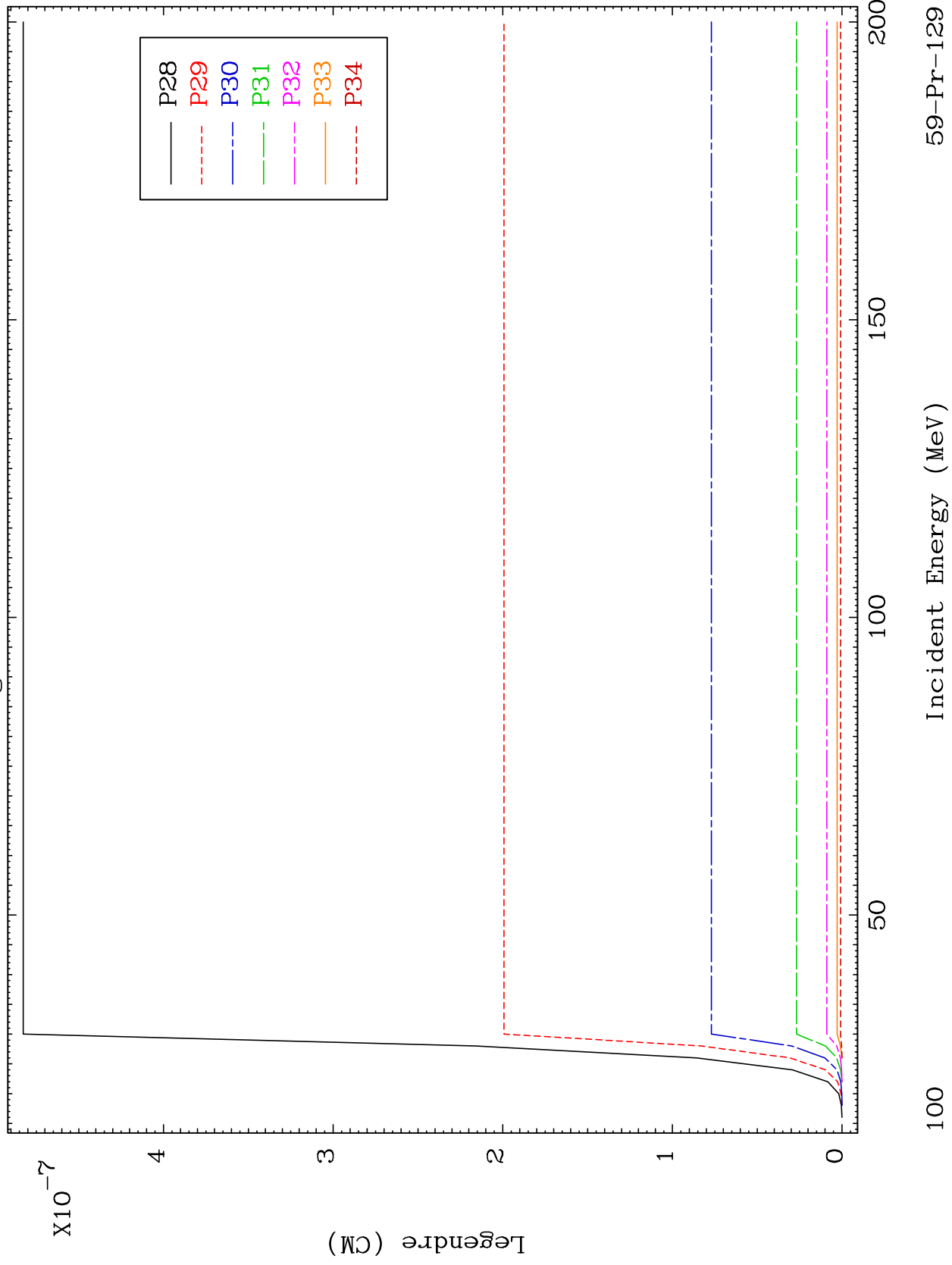
59-Pr-129



MAT 5889

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

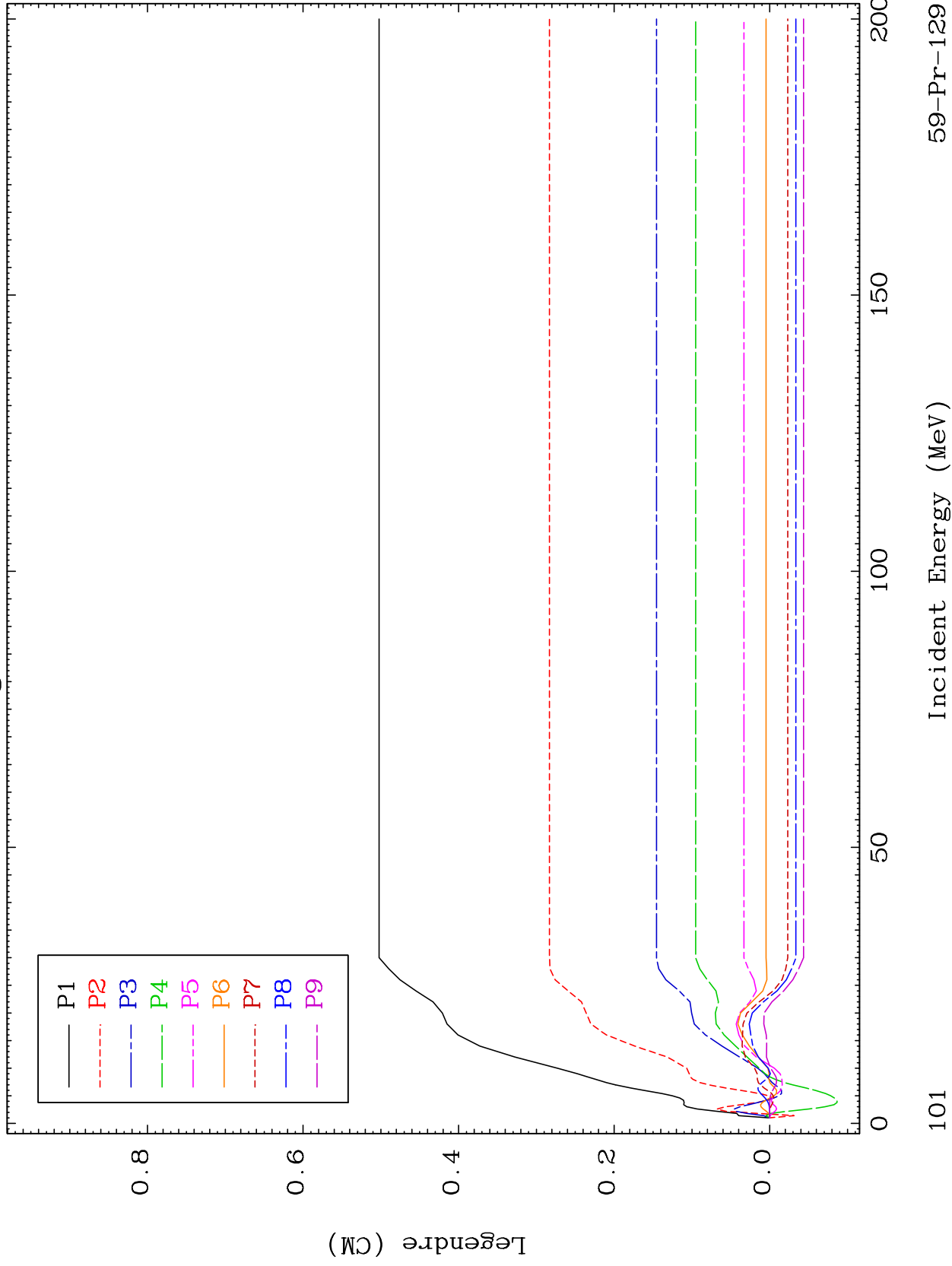
59-Pr-129



MAT 5889

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

59-Pr-129



101

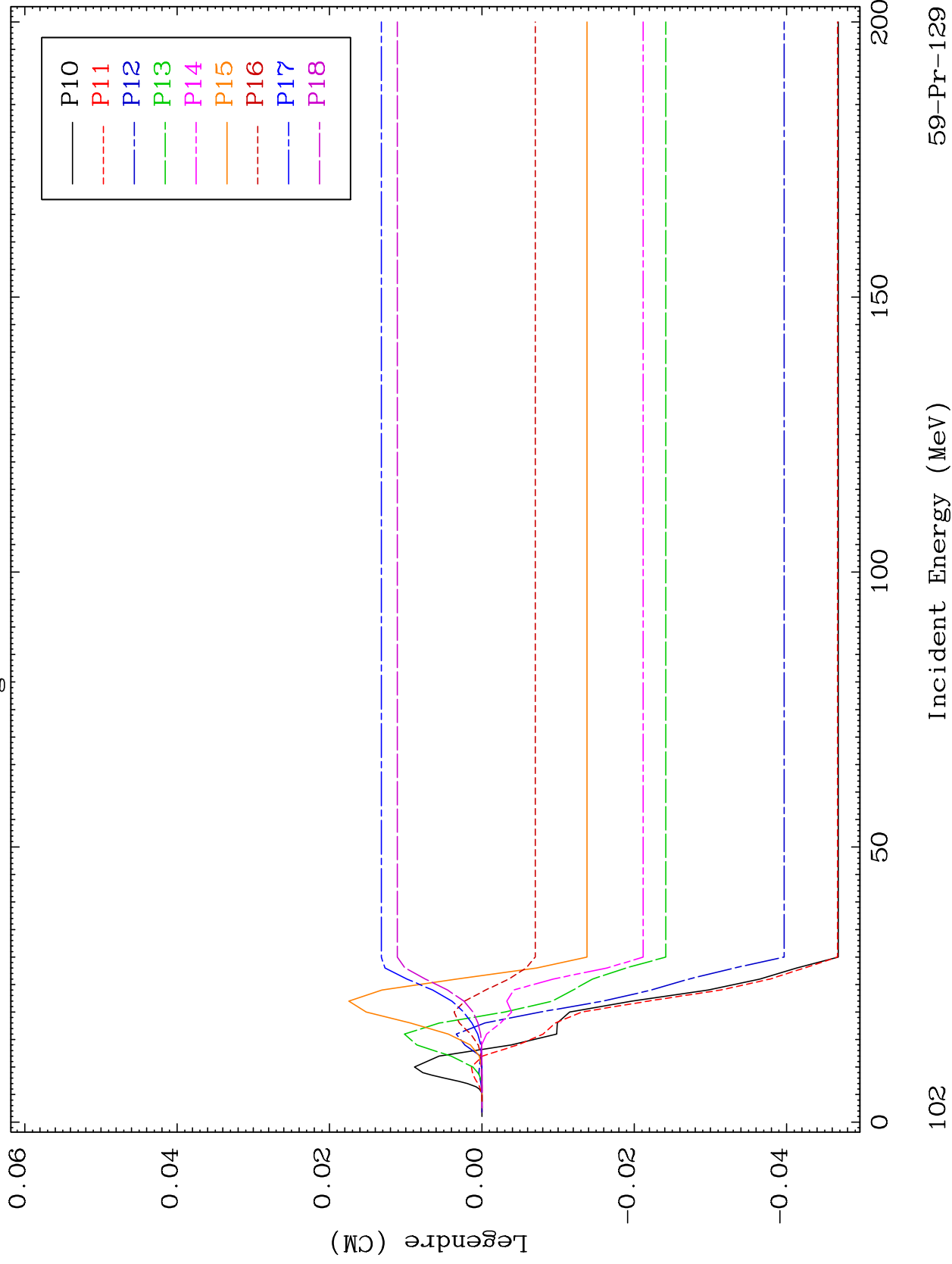
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



59-Pr-129

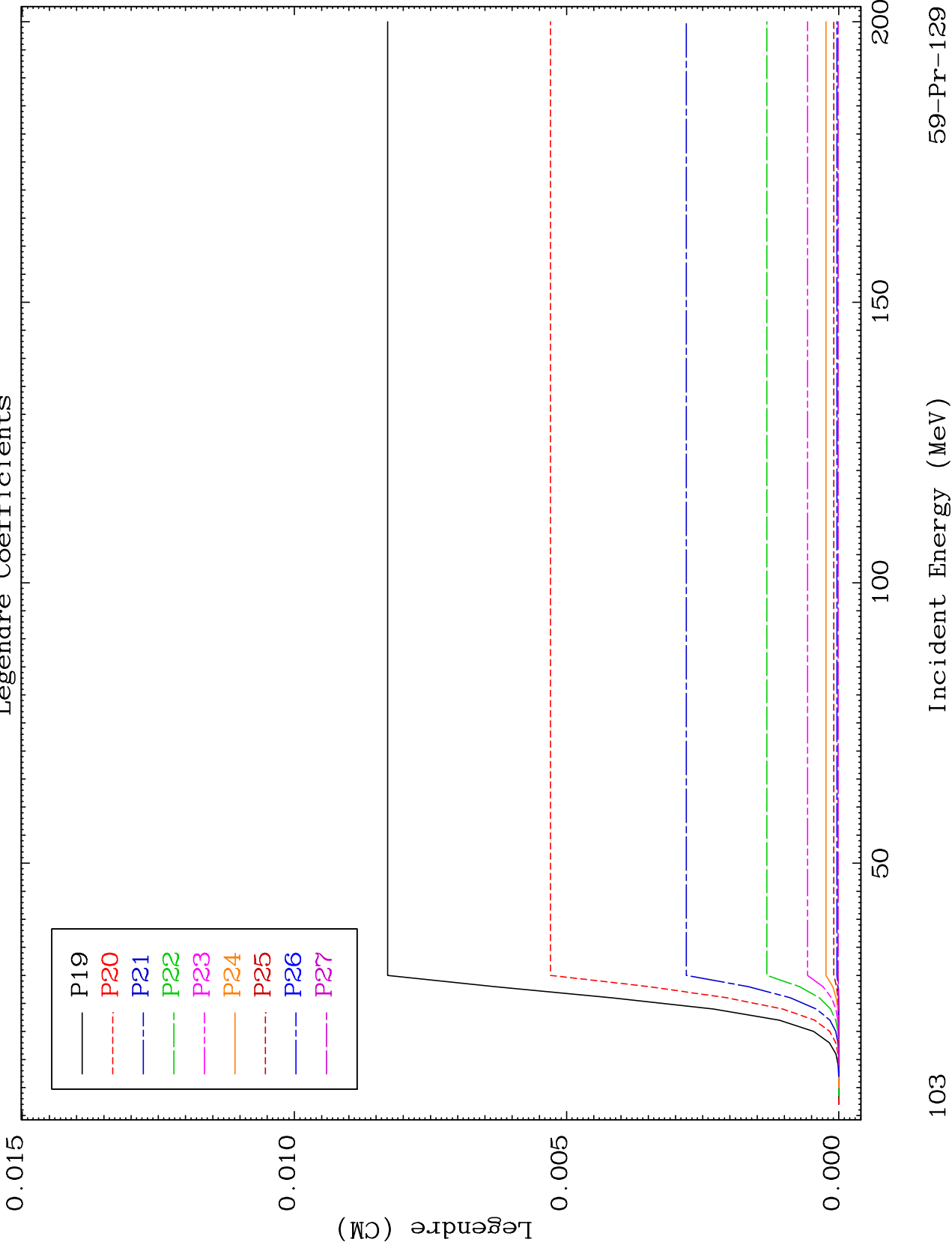
Incident Energy (MeV)

102

MAT 5889

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

59-Pr-129



103

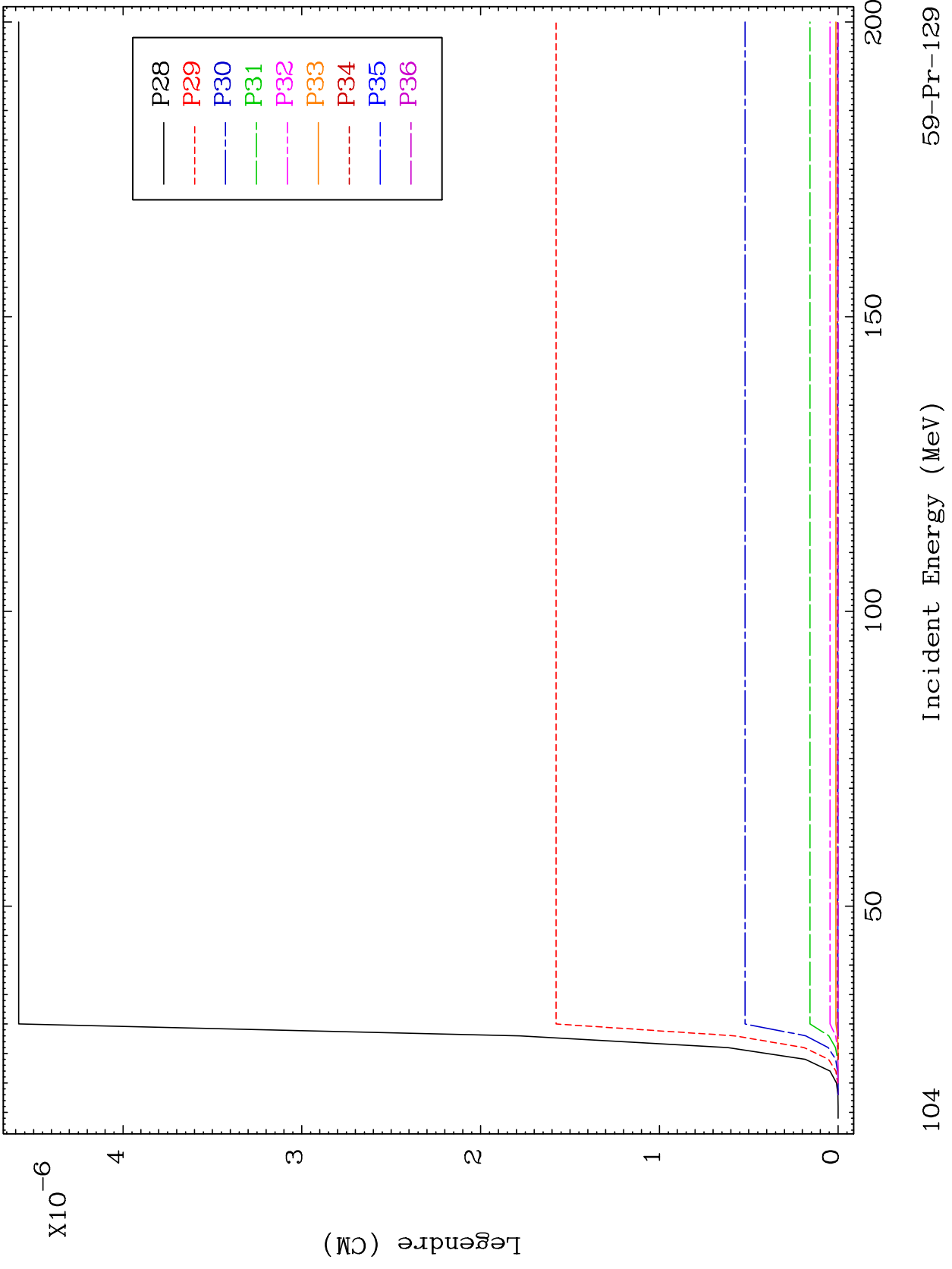
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



104

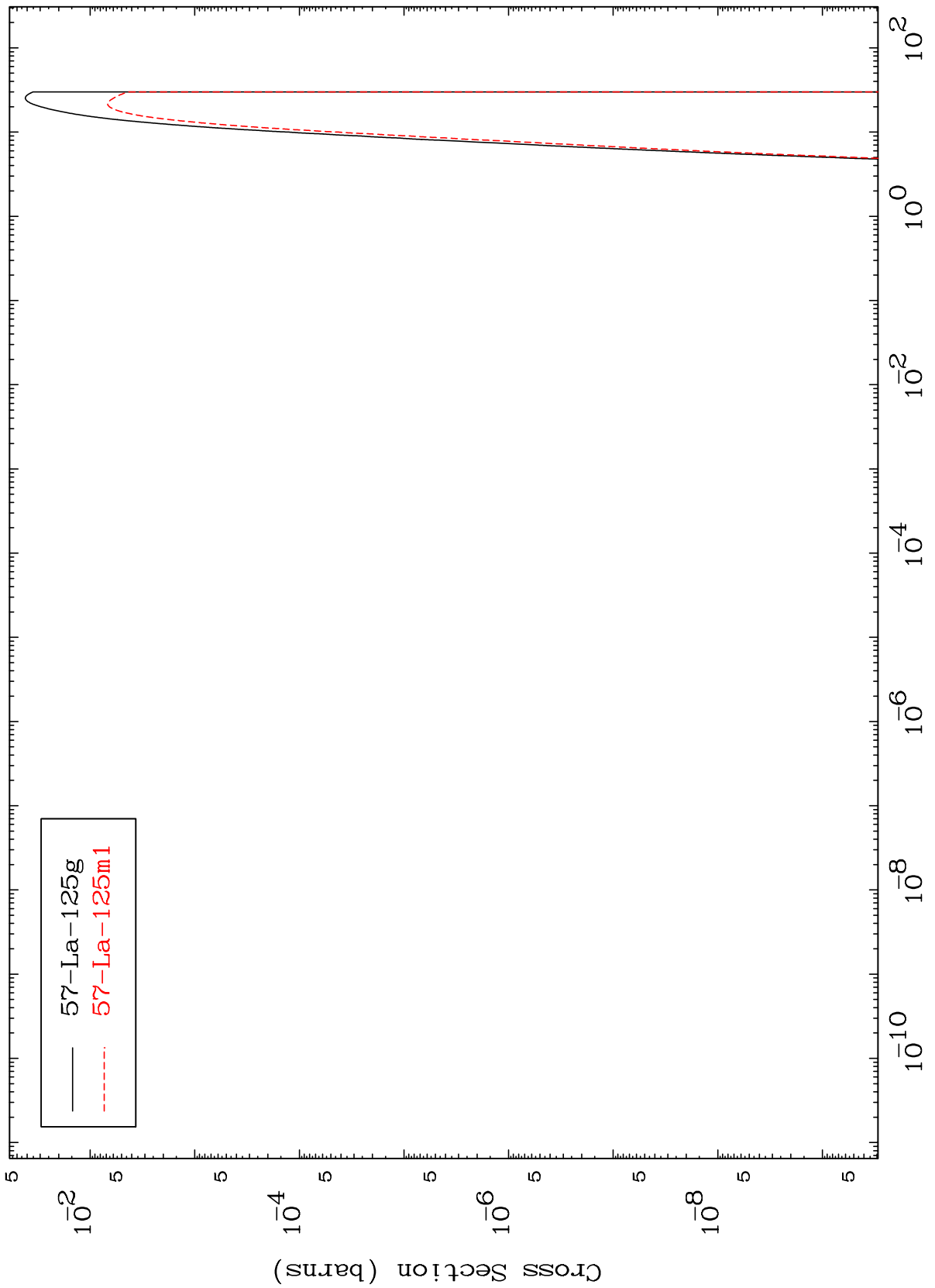
59-Pr-129

MAT 5889

$(n, n') \alpha$

59-Pr-129

Radionuclide Production Cross Section



— 57-La-125g
- - - 57-La-125m1

105

Incident Energy (MeV)

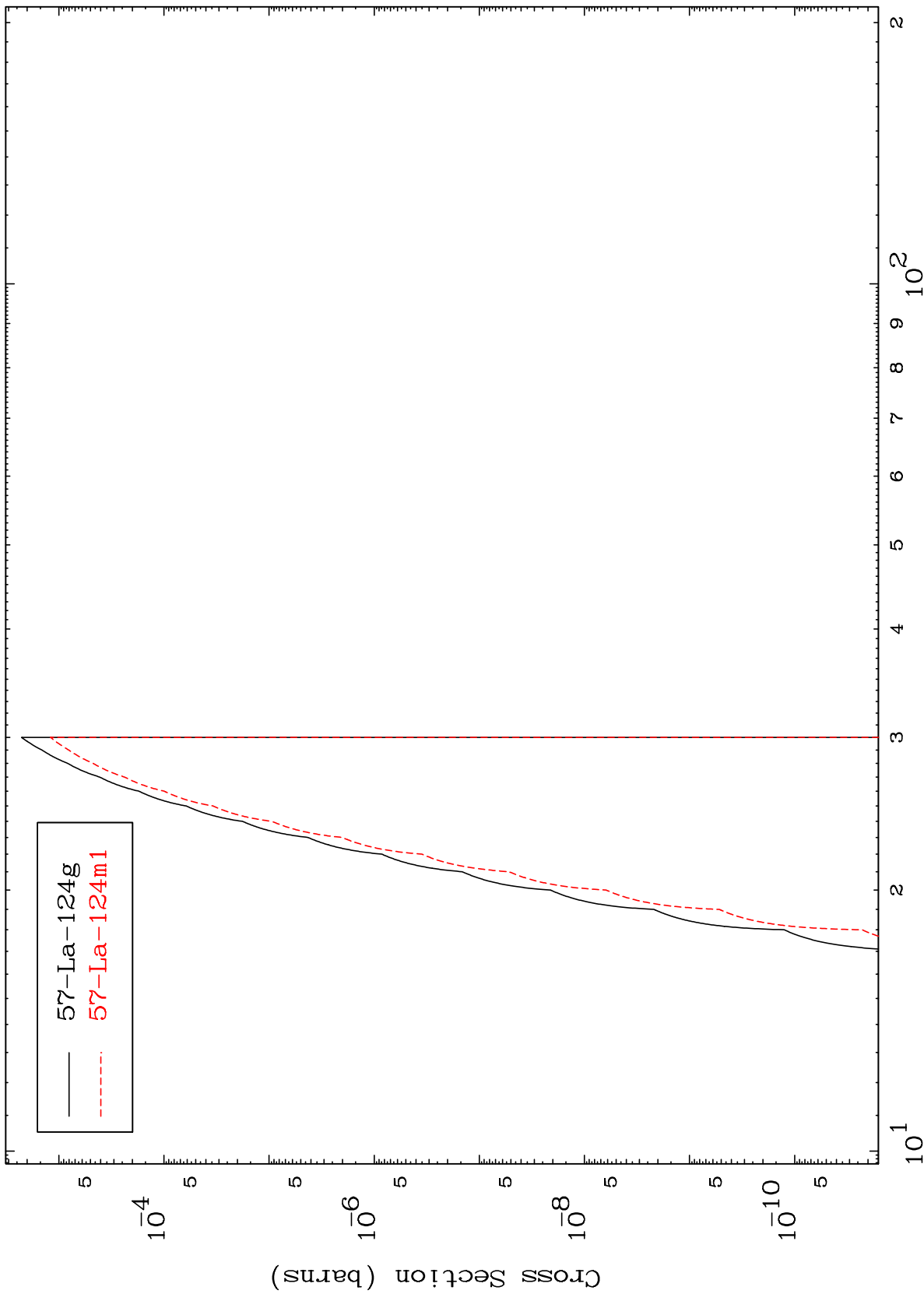
59-Pr-129

MAT 5889

(n,2n) α

59-Pr-129

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-129

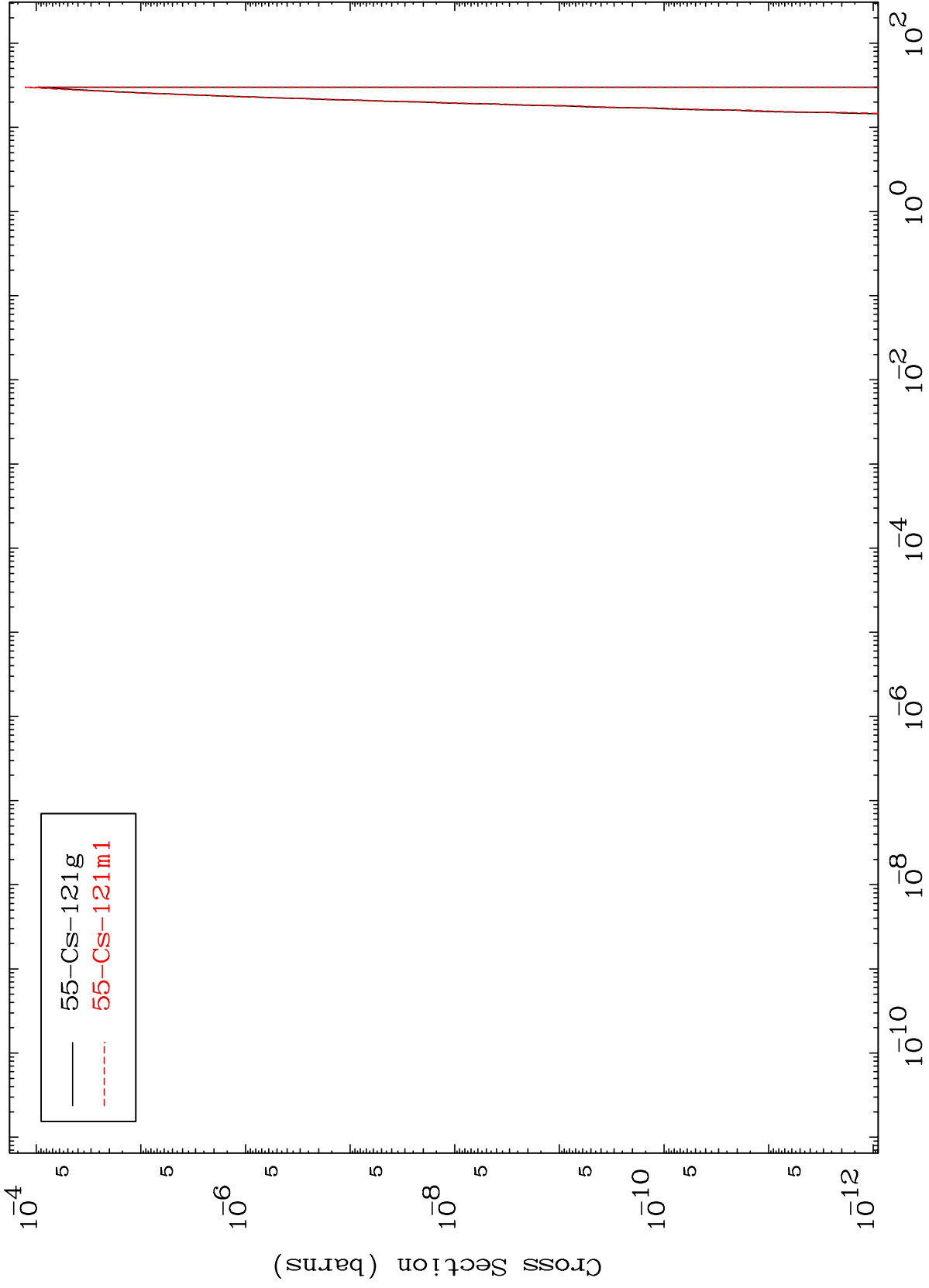
106

MAT 5889

(n,n') 2 α

59-Pr-129

Radionuclide Production Cross Section

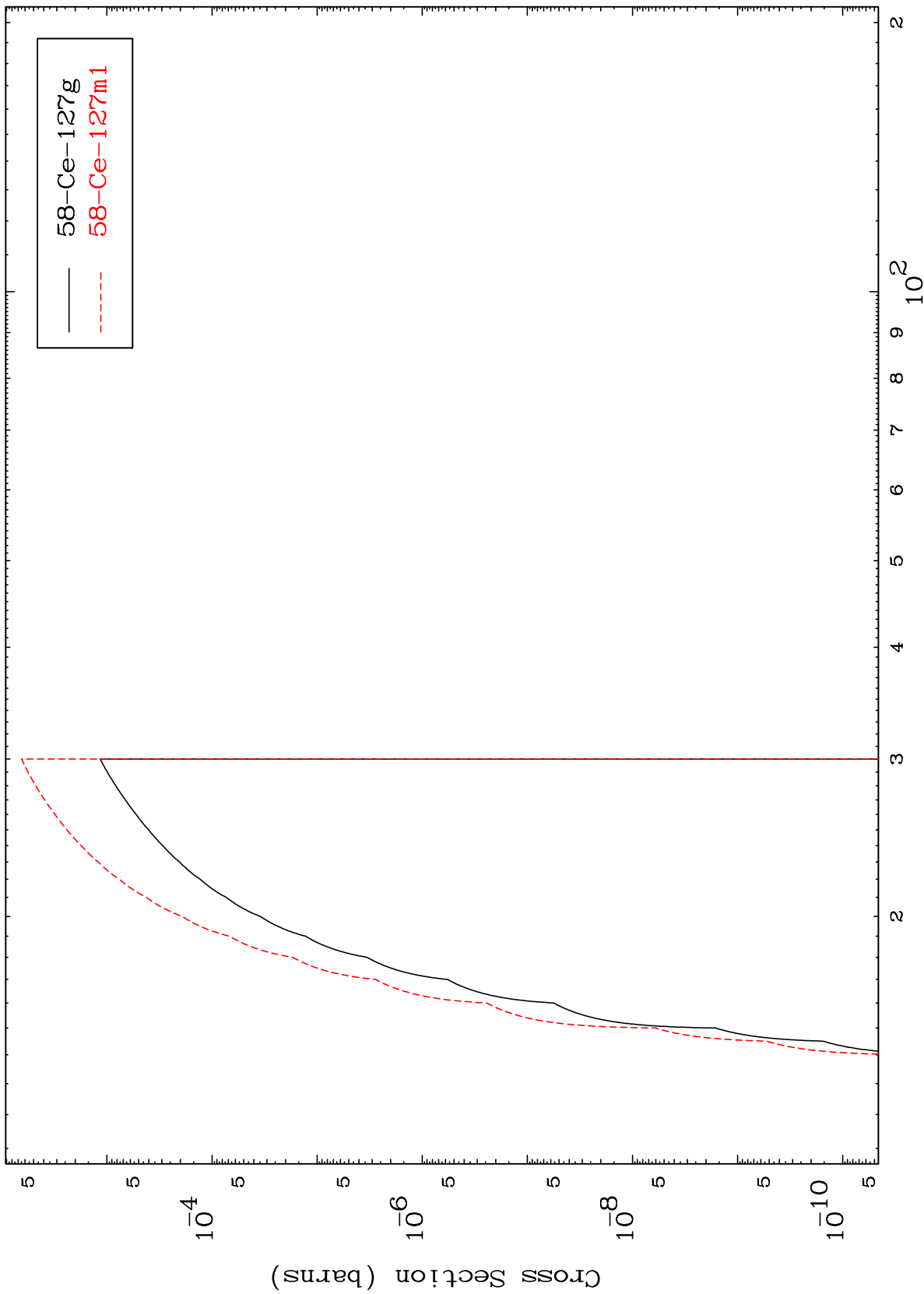


107

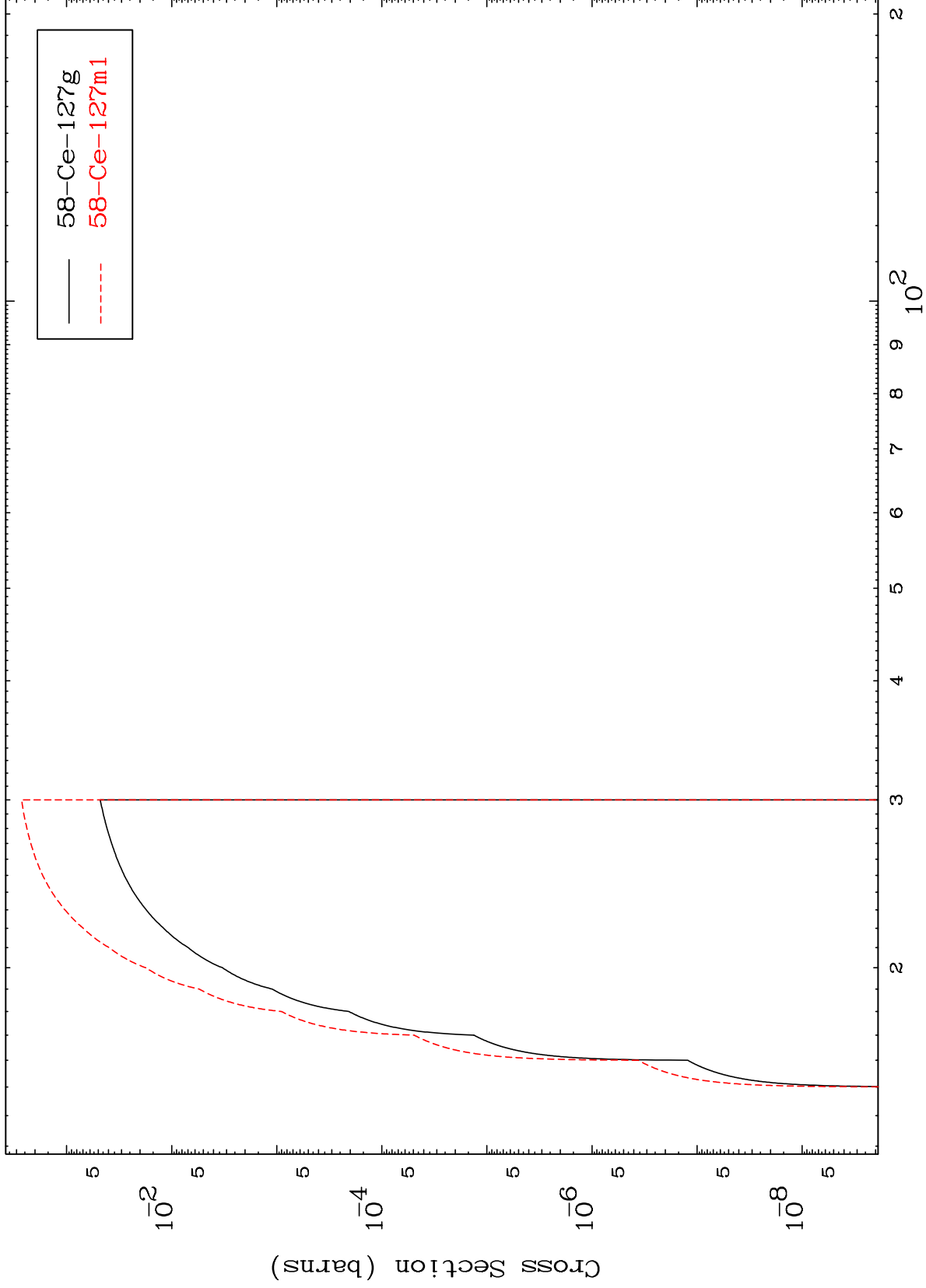
Incident Energy (MeV)

59-Pr-129

Radionuclide Production Cross Section



Radionuclide Production Cross Section

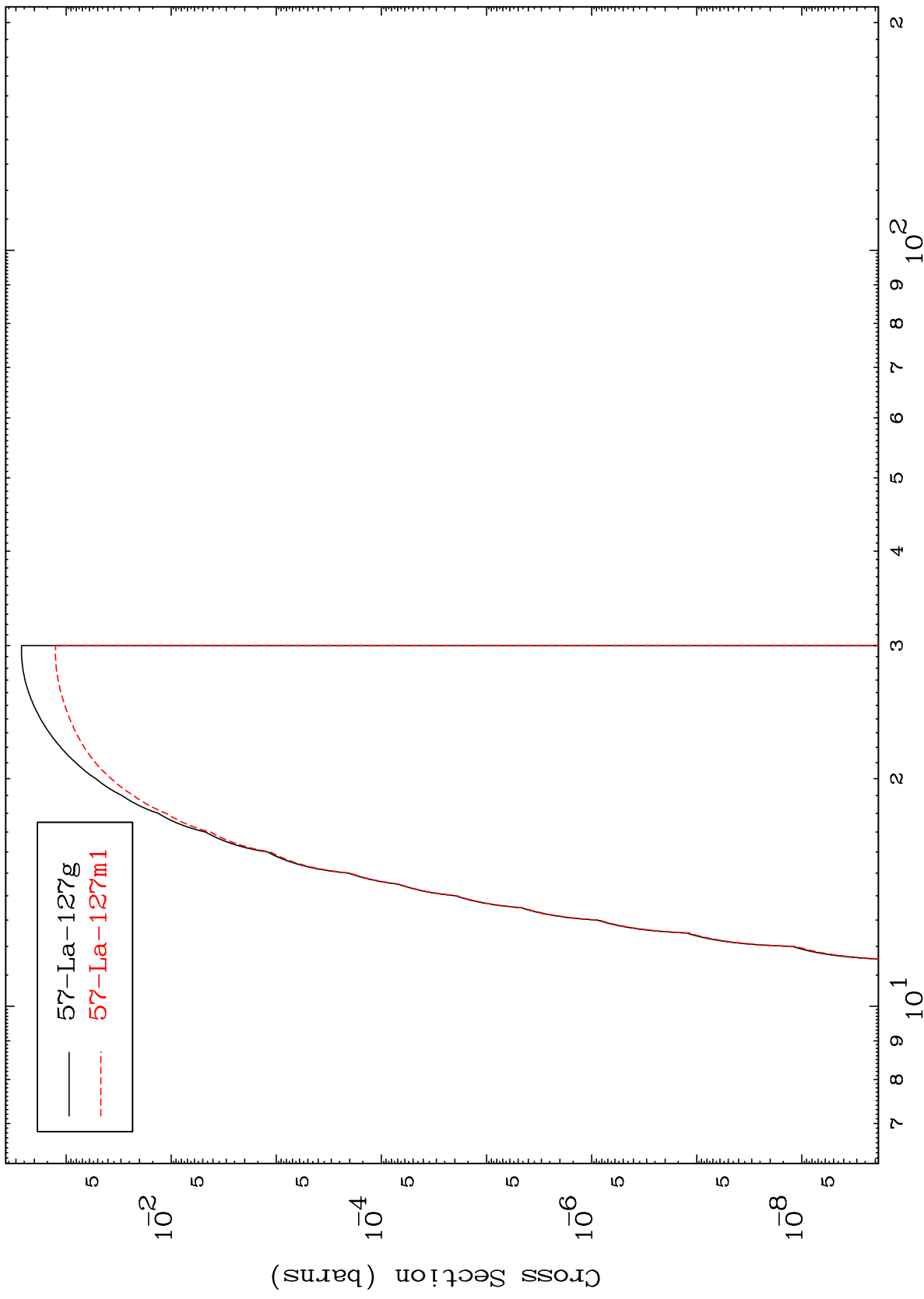


MAT 5889

(n,2n) p

59-Pr-129

Radionuclide Production Cross Section



110

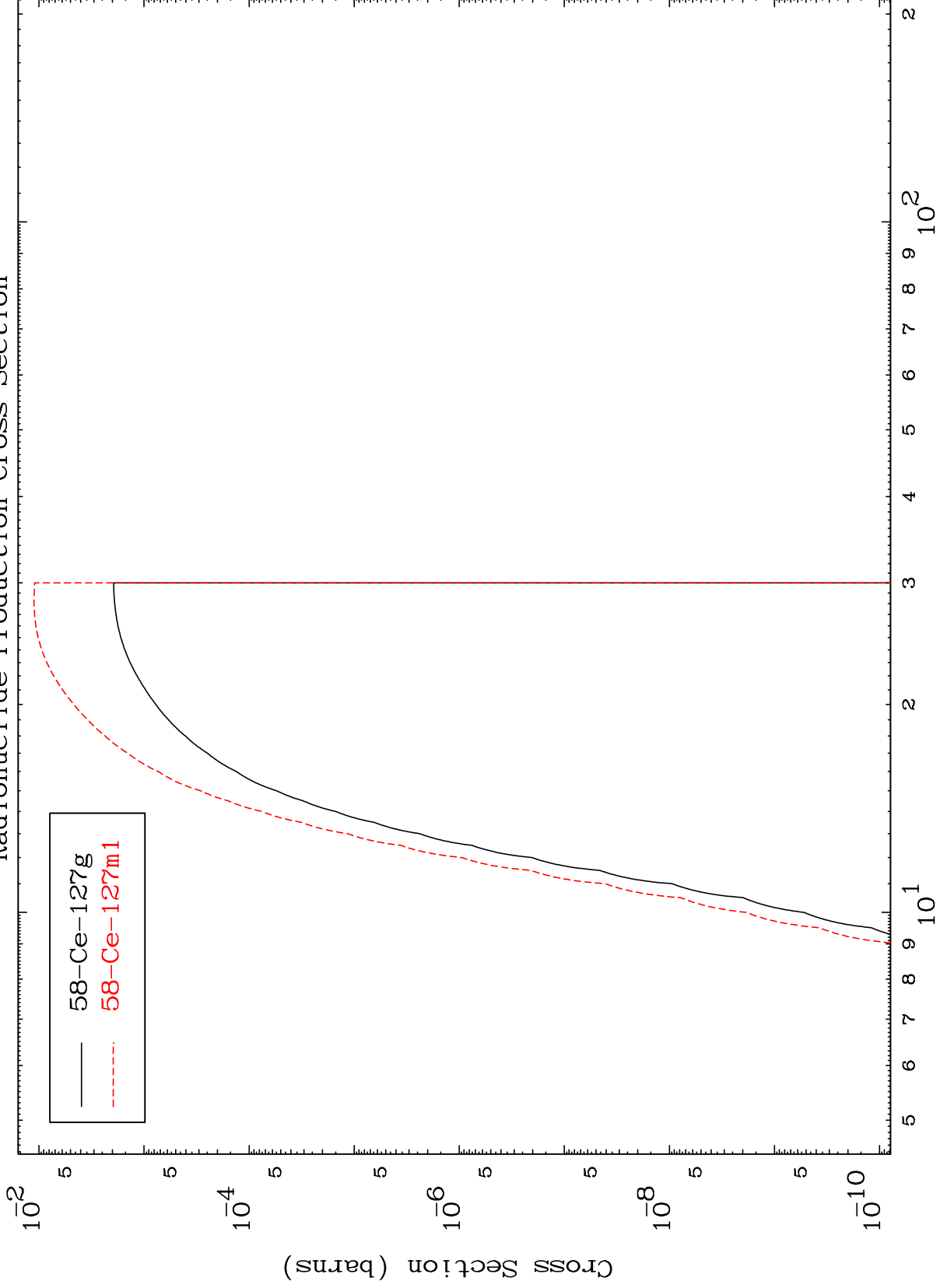
Incident Energy (MeV)

59-Pr-129

MAT 5889

59-Pr-129

Radionuclide Production Cross Section (n,t)



Incident Energy (MeV)

59-Pr-129

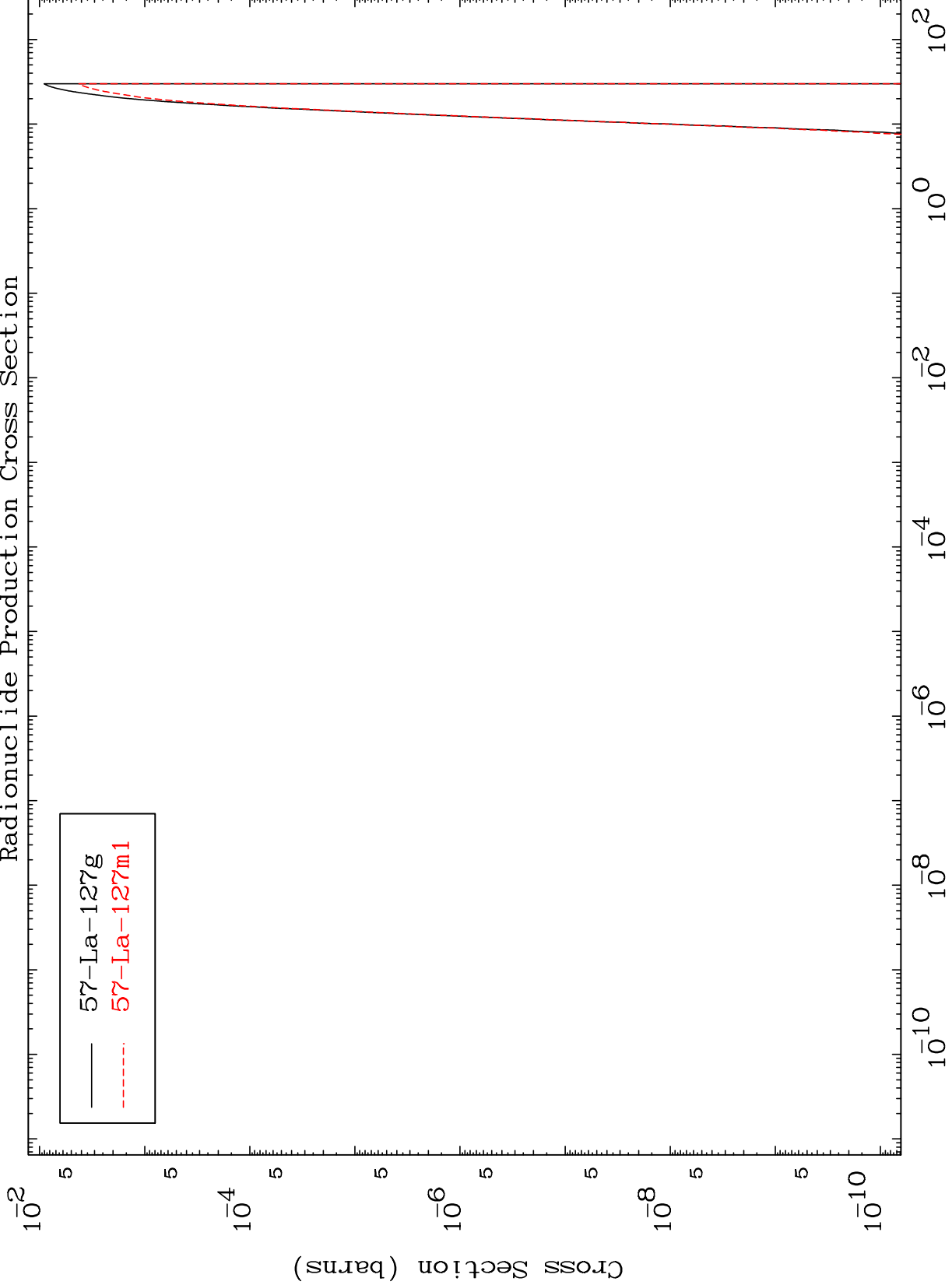
111

MAT 5889

(n,He-3)

59-Pr-129

Radionuclide Production Cross Section



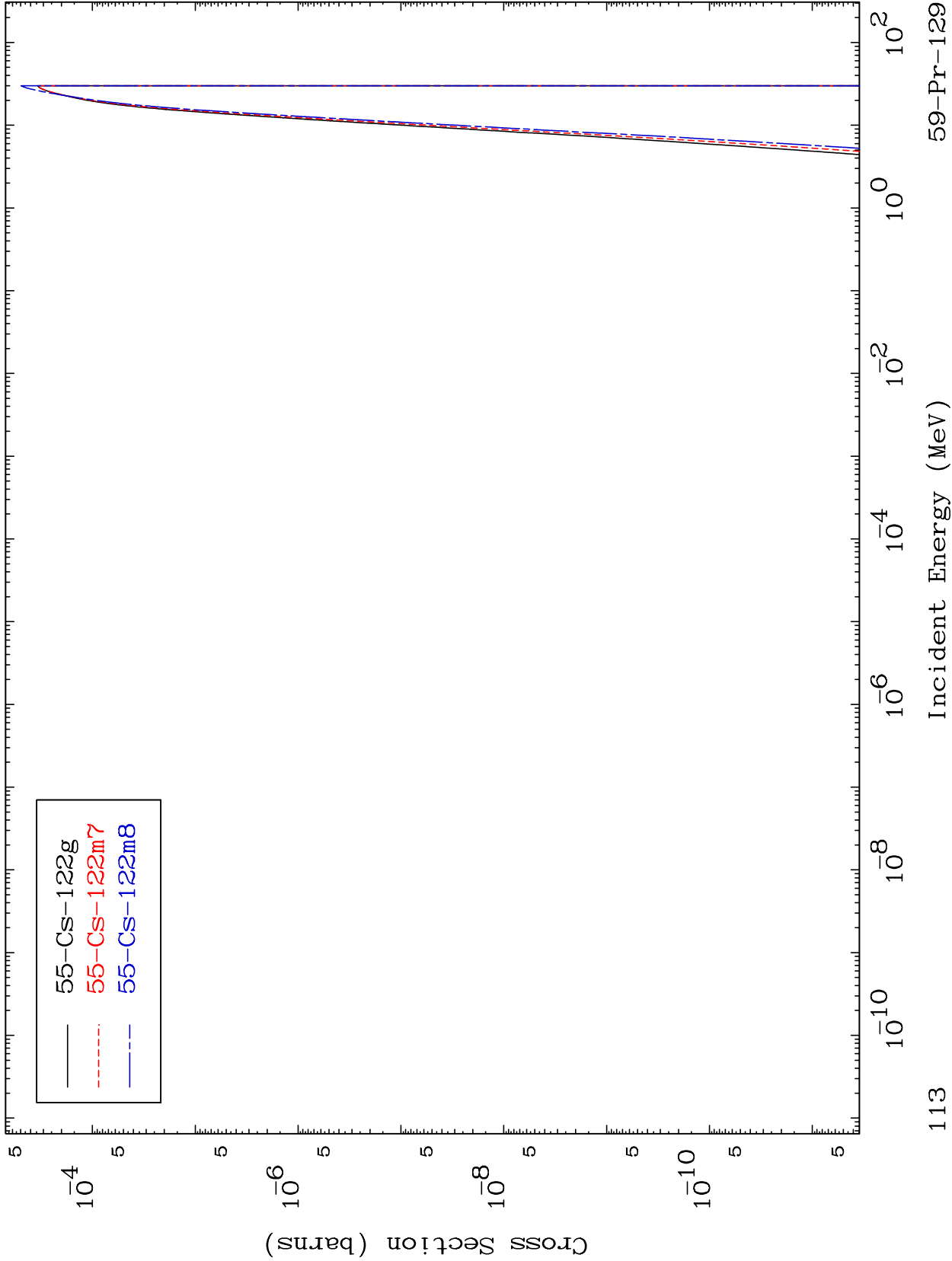
57-La-127g
57-La-127m1

MAT 5889

(n,2α)

59-Pr-129

Radionuclide Production Cross Section

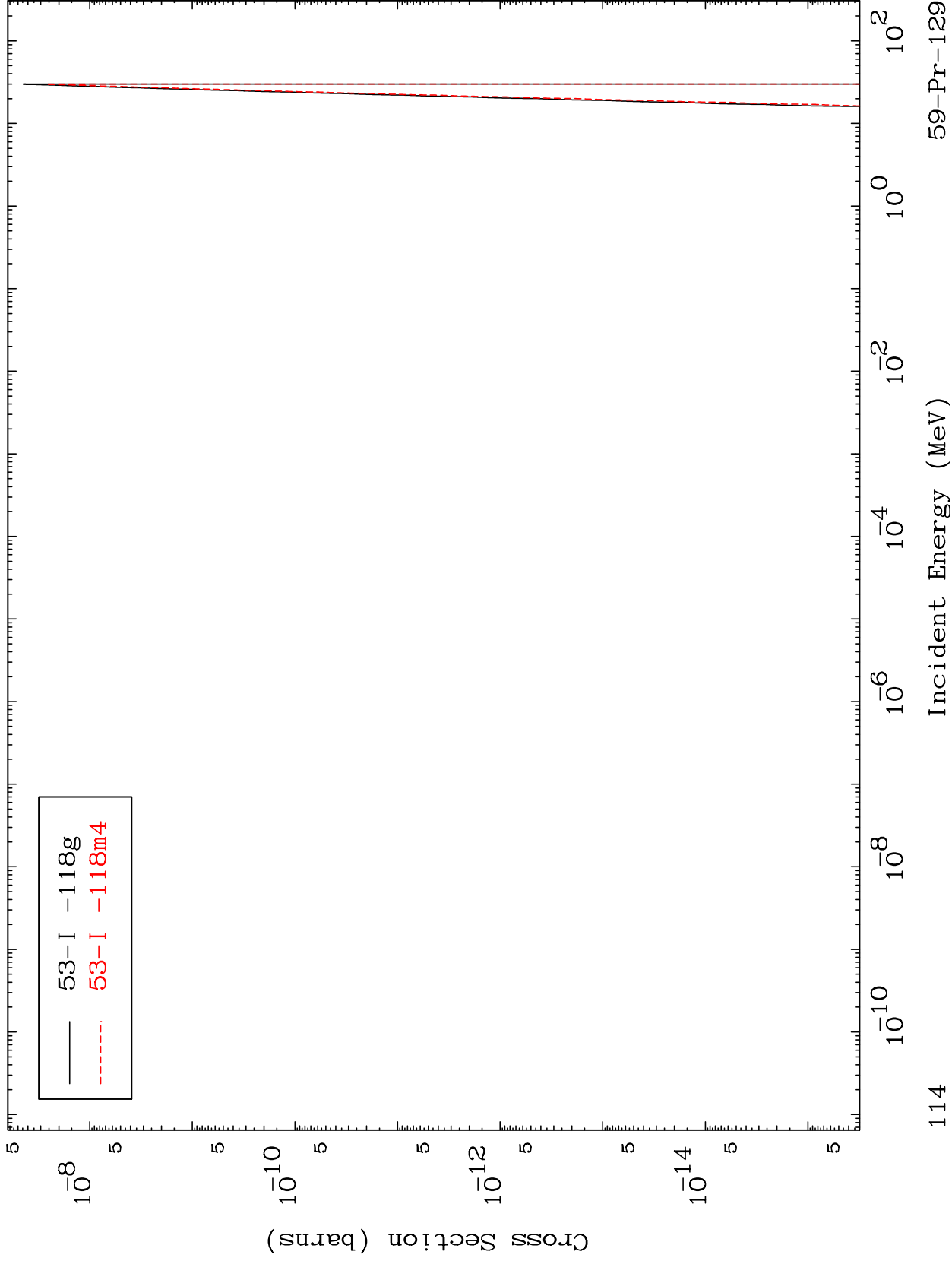


MAT 5889

(n,3 α)

59-Pr-129

Radionuclide Production Cross Section

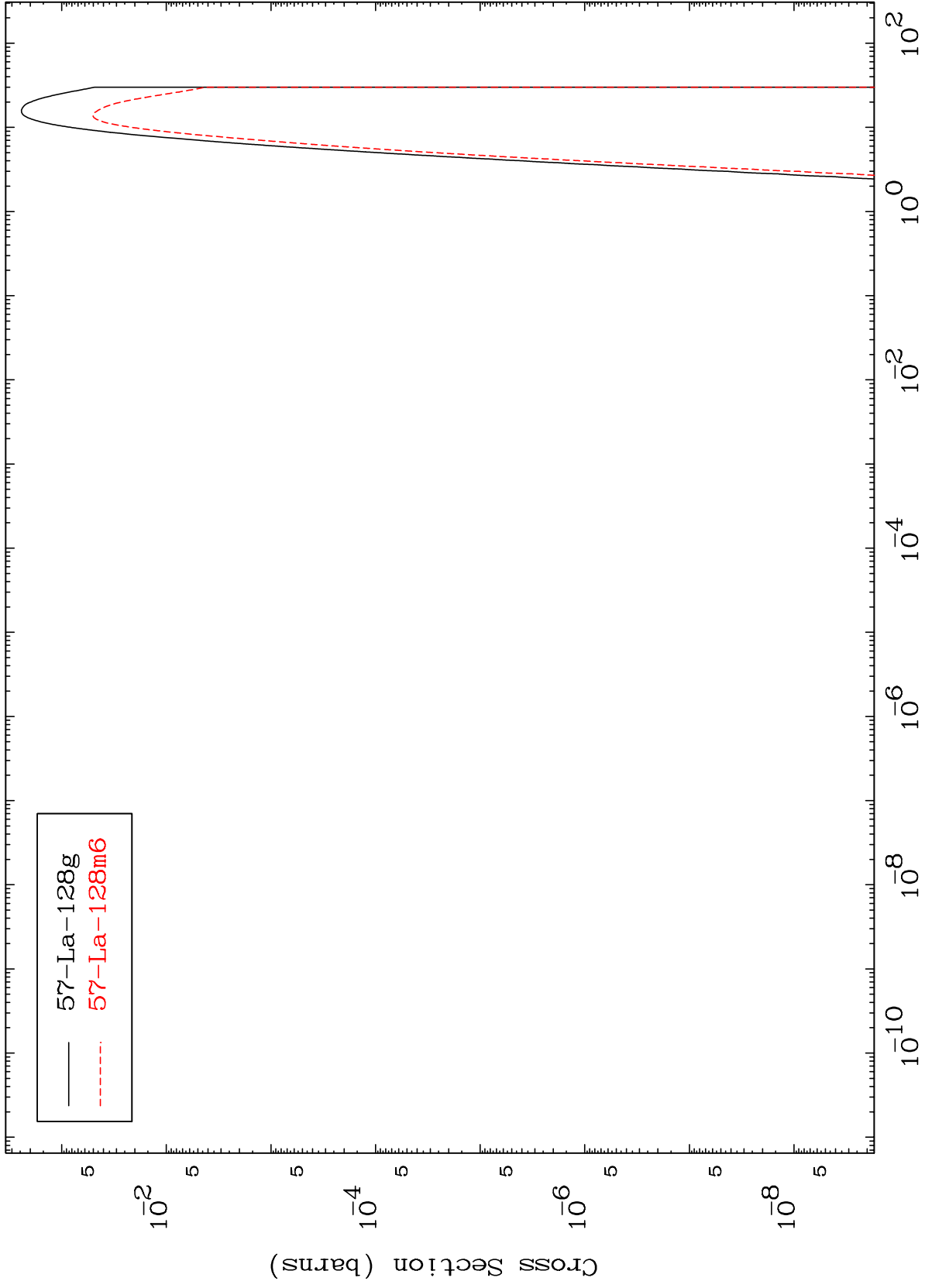


MAT 5889

(n,2p)

59-Pr-129

Radionuclide Production Cross Section

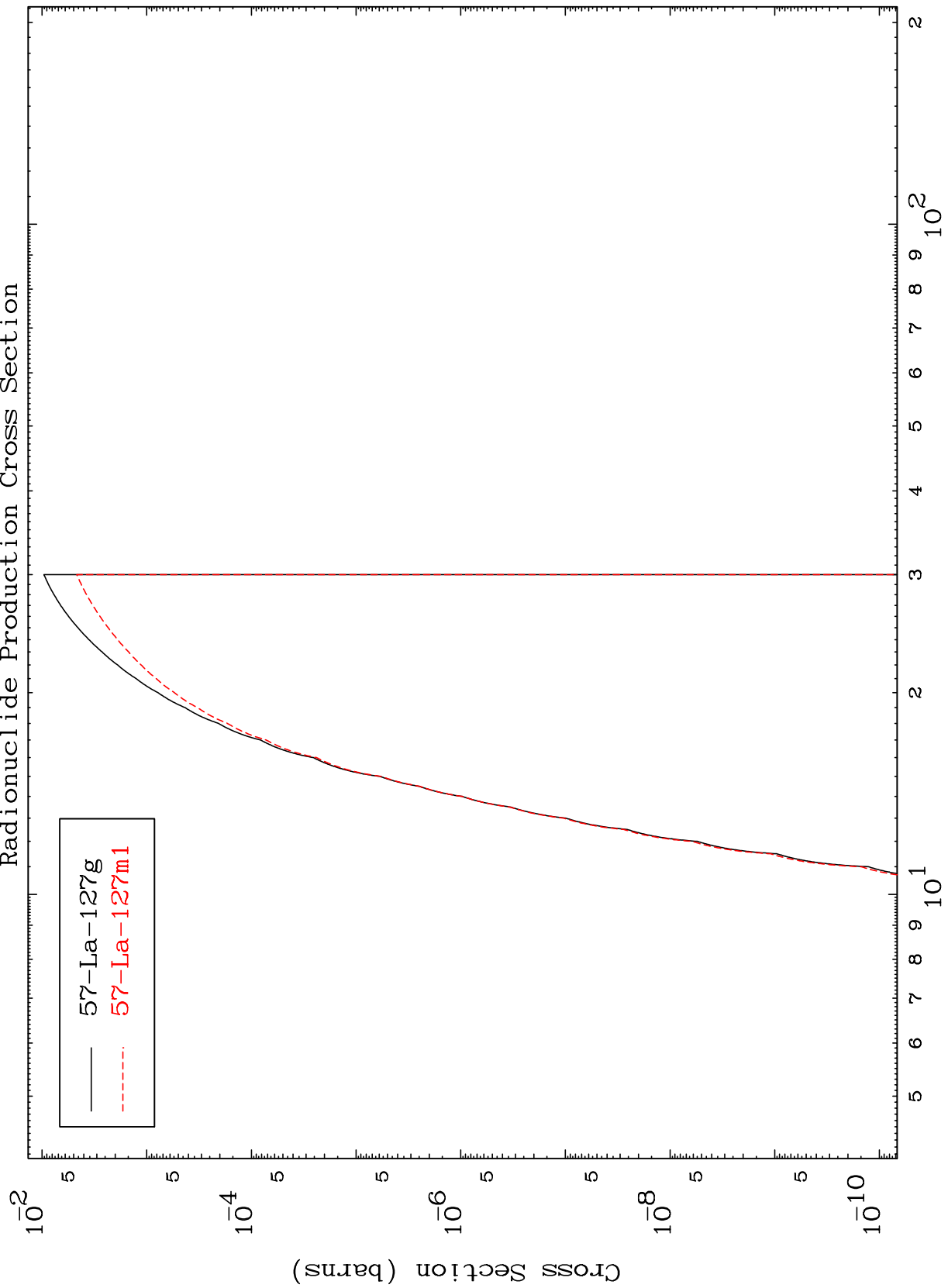


MAT 5889

(n,p) d

59-Pr-129

Radionuclide Production Cross Section



57-La-127g
57-La-127m1

116

Incident Energy (MeV)

59-Pr-129